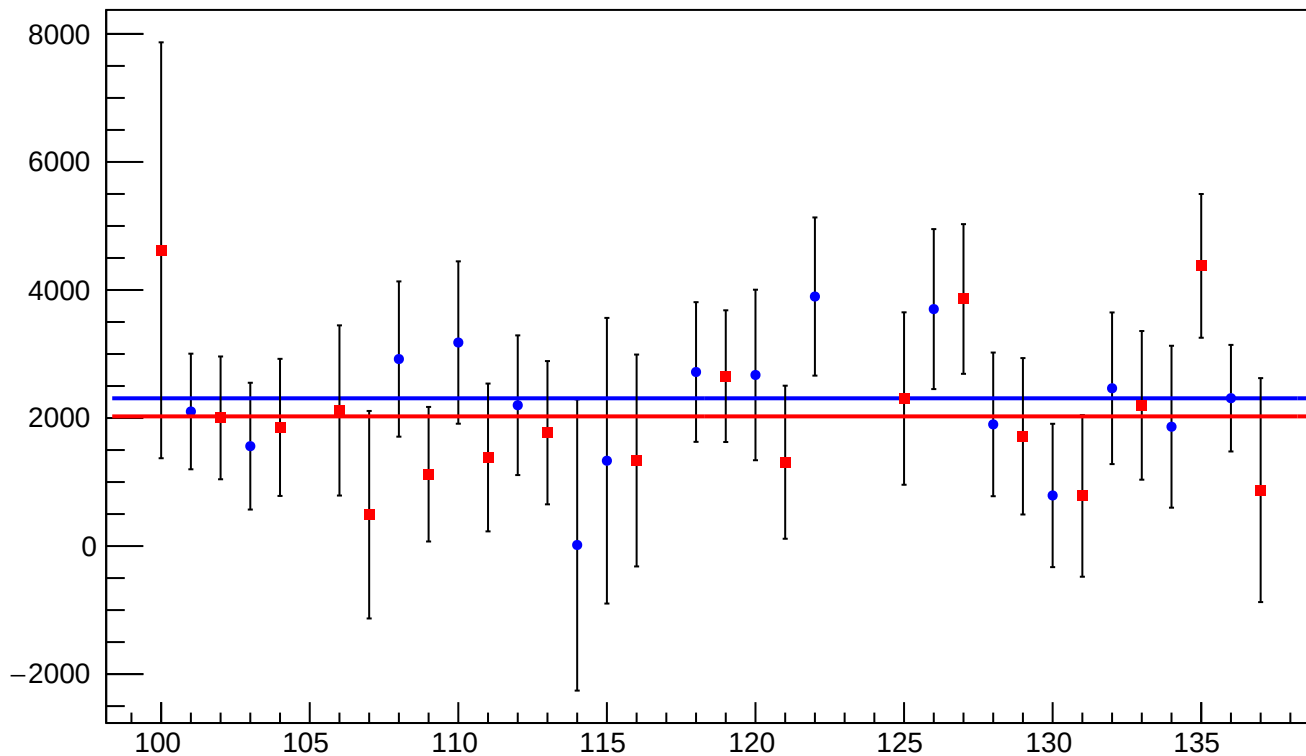


reg_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2308.155+/-290.431 χ^2/NDF : 7.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2025.627+/-289.797 χ^2/NDF : 11.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

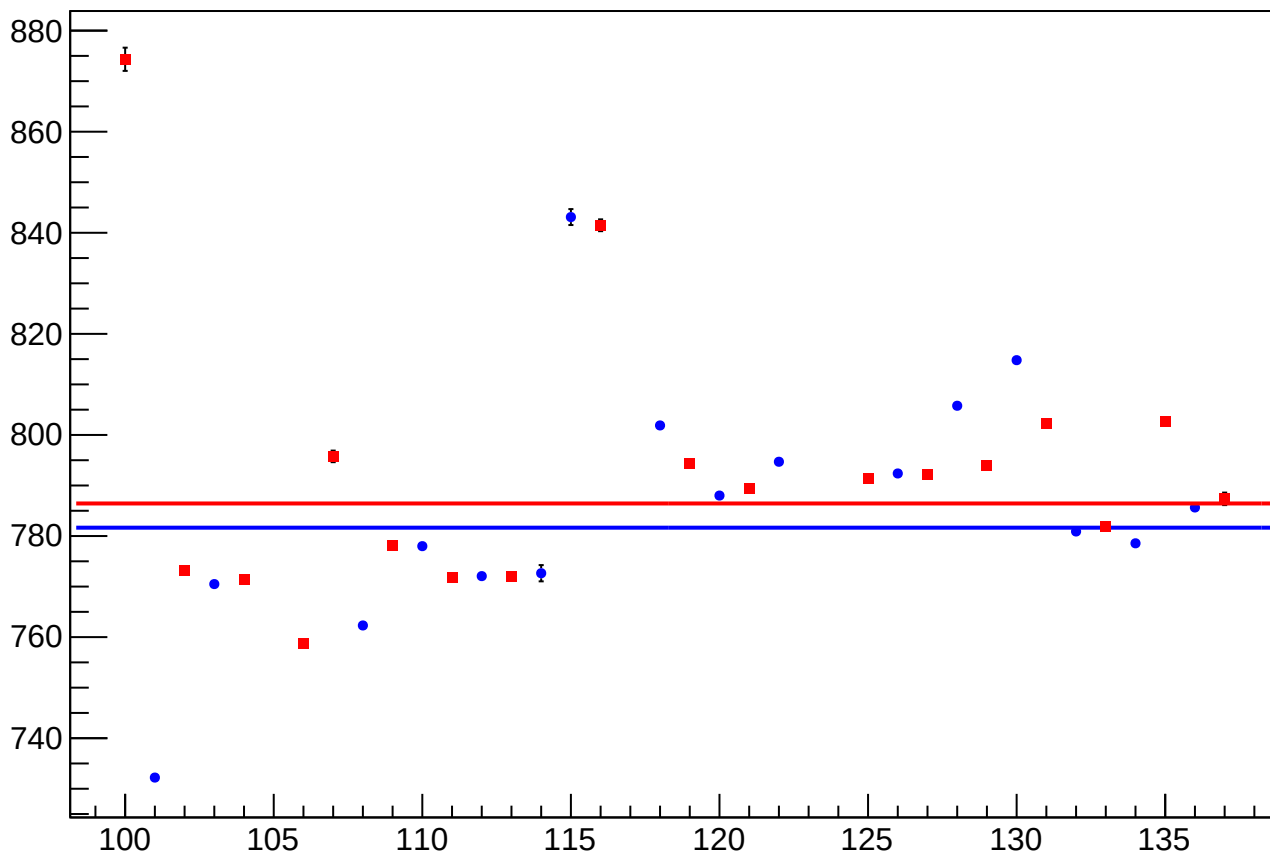
Right: 2166.582+/-205.141 χ^2/NDF : 20.2/33

In: 2308.155+/-290.431 χ^2/NDF : 7.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.582+/-205.141 χ^2/NDF : 20.2/33

reg_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.654+/-0.205 χ^2/NDF : 12319.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.443+/-0.205 χ^2/NDF : 7201.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

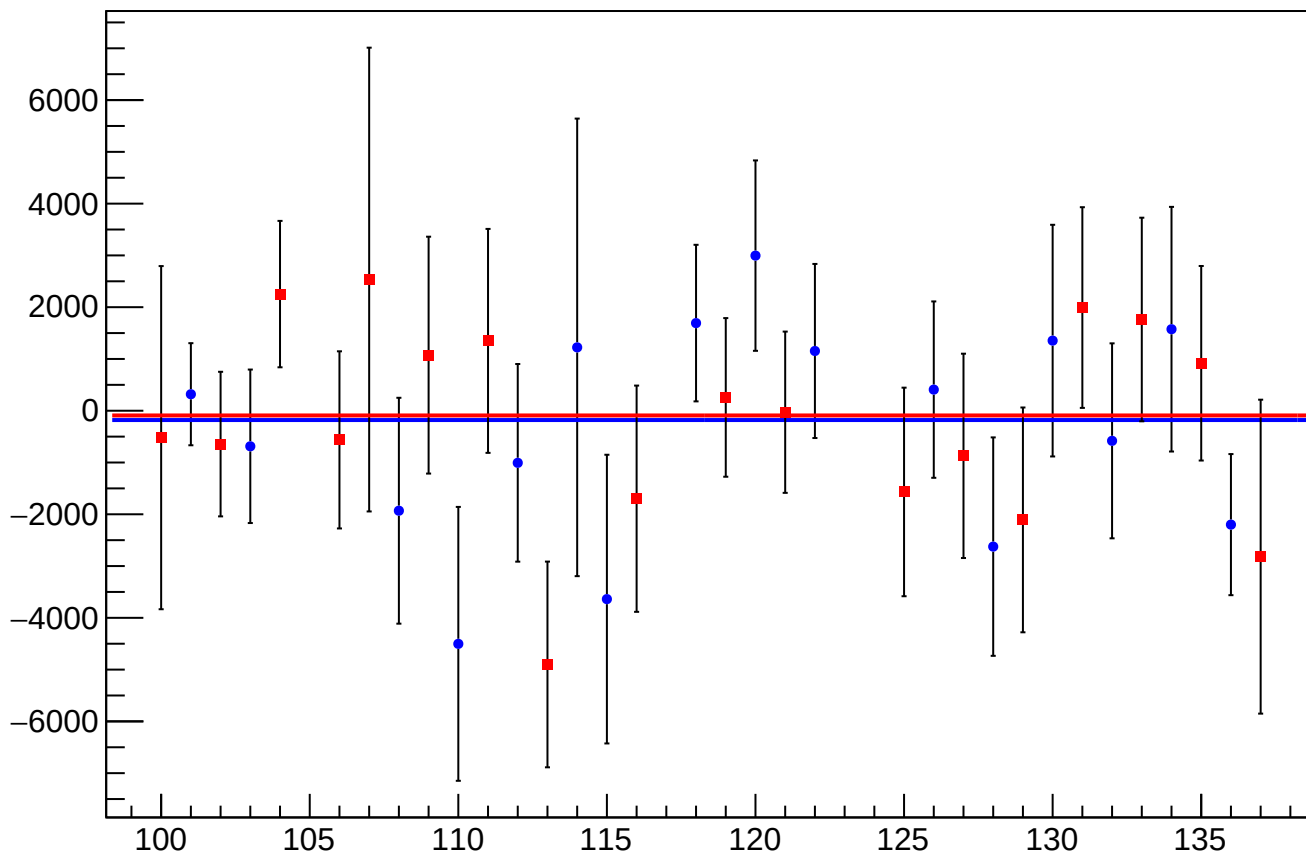
Right: 784.054+/-0.145 χ^2/NDF : 19793.2/33

In: 781.654+/-0.205 χ^2/NDF : 12319.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.054+/-0.145 χ^2/NDF : 19793.2/33

asym_us_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.288+/-454.811 χ^2/NDF : 15.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

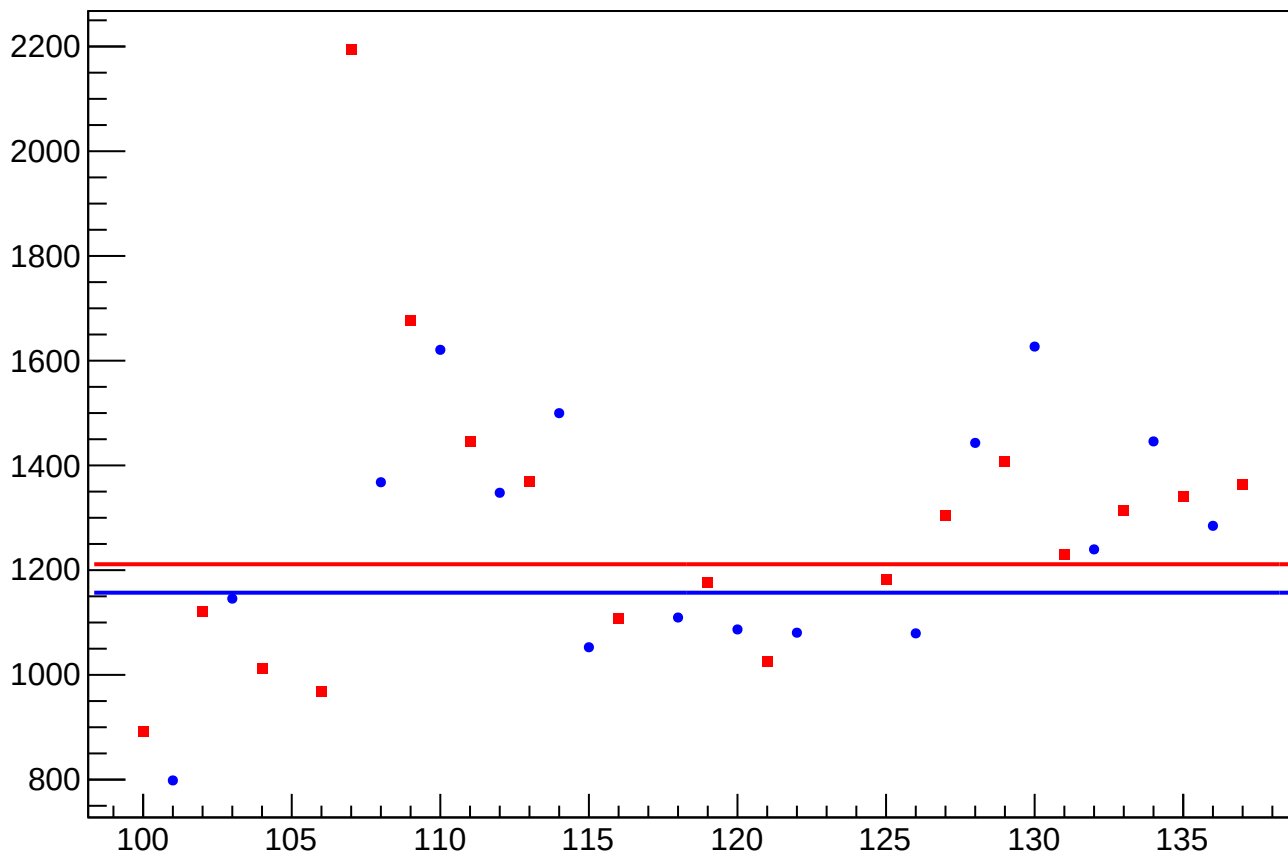
Right: -136.998+/-316.519 χ^2/NDF : 30.6/33

In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.998+/-316.519 χ^2/NDF : 30.6/33

asym_us_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF : 397714.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

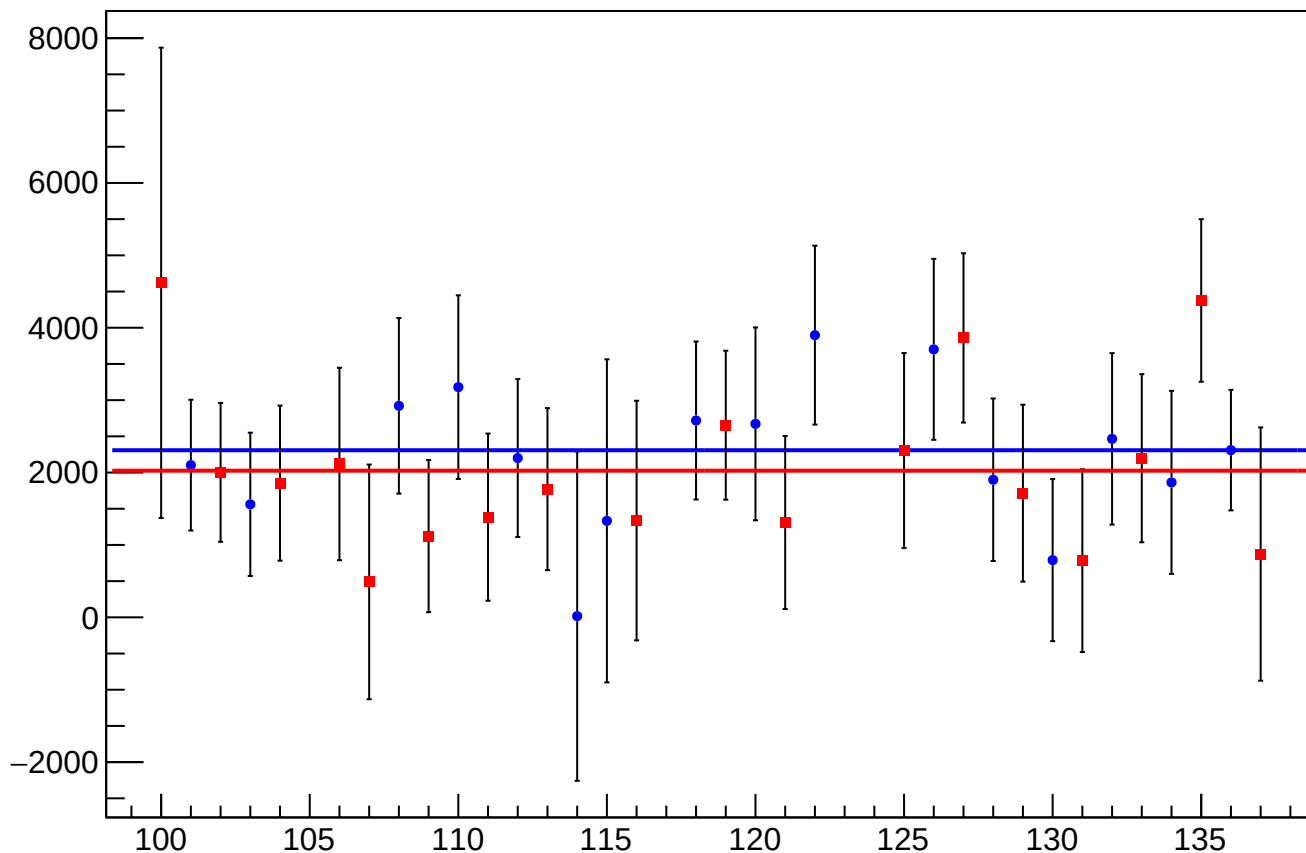
Right: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2308.155+/-290.431 χ^2 /NDF: 7.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2025.627+/-289.797 χ^2 /NDF: 11.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

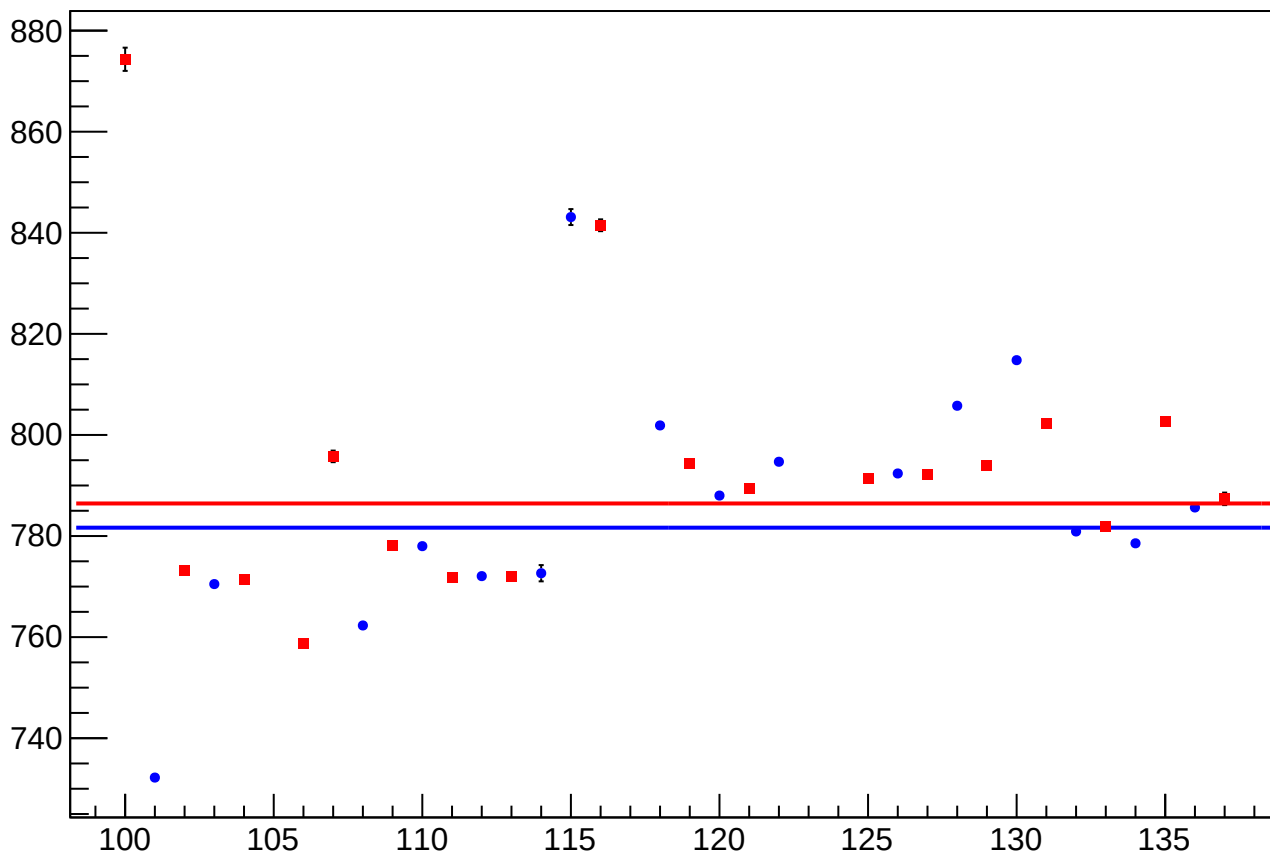
Right: 2166.582+/-205.141 χ^2 /NDF: 20.2/33

In: 2308.155+/-290.431 χ^2 /NDF:7.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2166.582+/-205.141 χ^2 /NDF: 20.2/33

cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.654+/-0.205 χ^2/NDF : 12319.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 786.443+/-0.205 χ^2/NDF : 7201.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

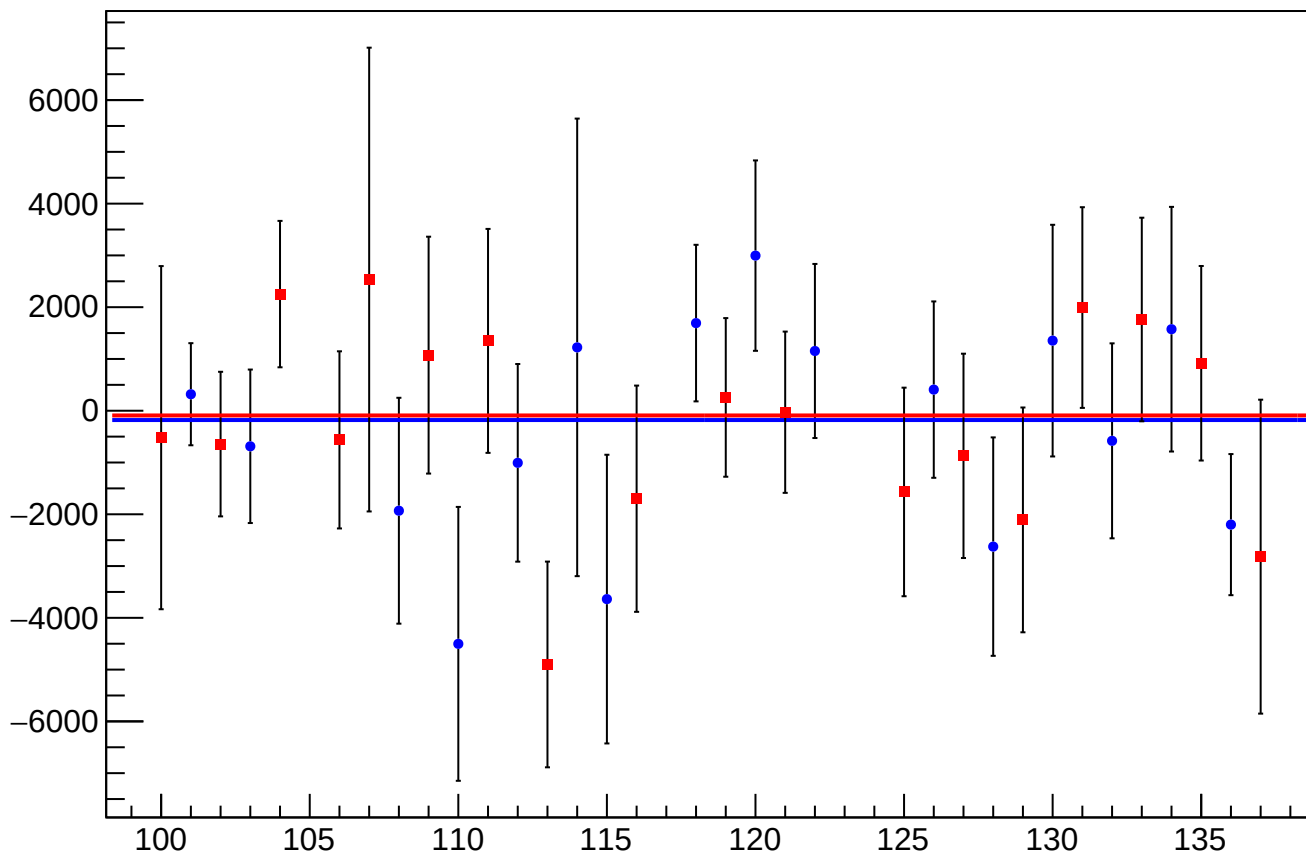
Right: 784.054+/-0.145 χ^2/NDF : 19793.2/33

In: 781.654+/-0.205 χ^2/NDF : 12319.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.054+/-0.145 χ^2/NDF : 19793.2/33

asym_us_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.288+/-454.811 χ^2/NDF : 15.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

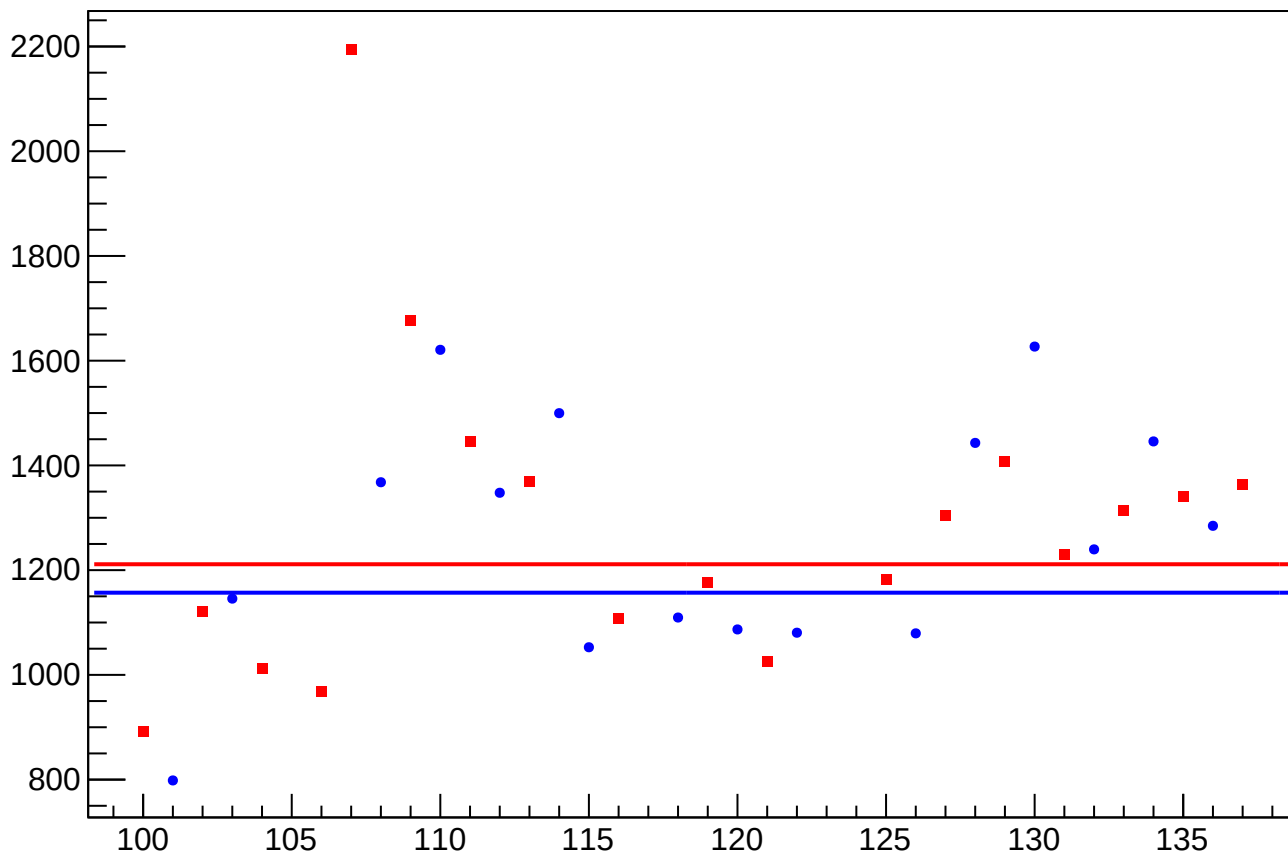
Right: -136.998+/-316.519 χ^2/NDF : 30.6/33

In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.998+/-316.519 χ^2/NDF : 30.6/33

asym_us_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF : 397714.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

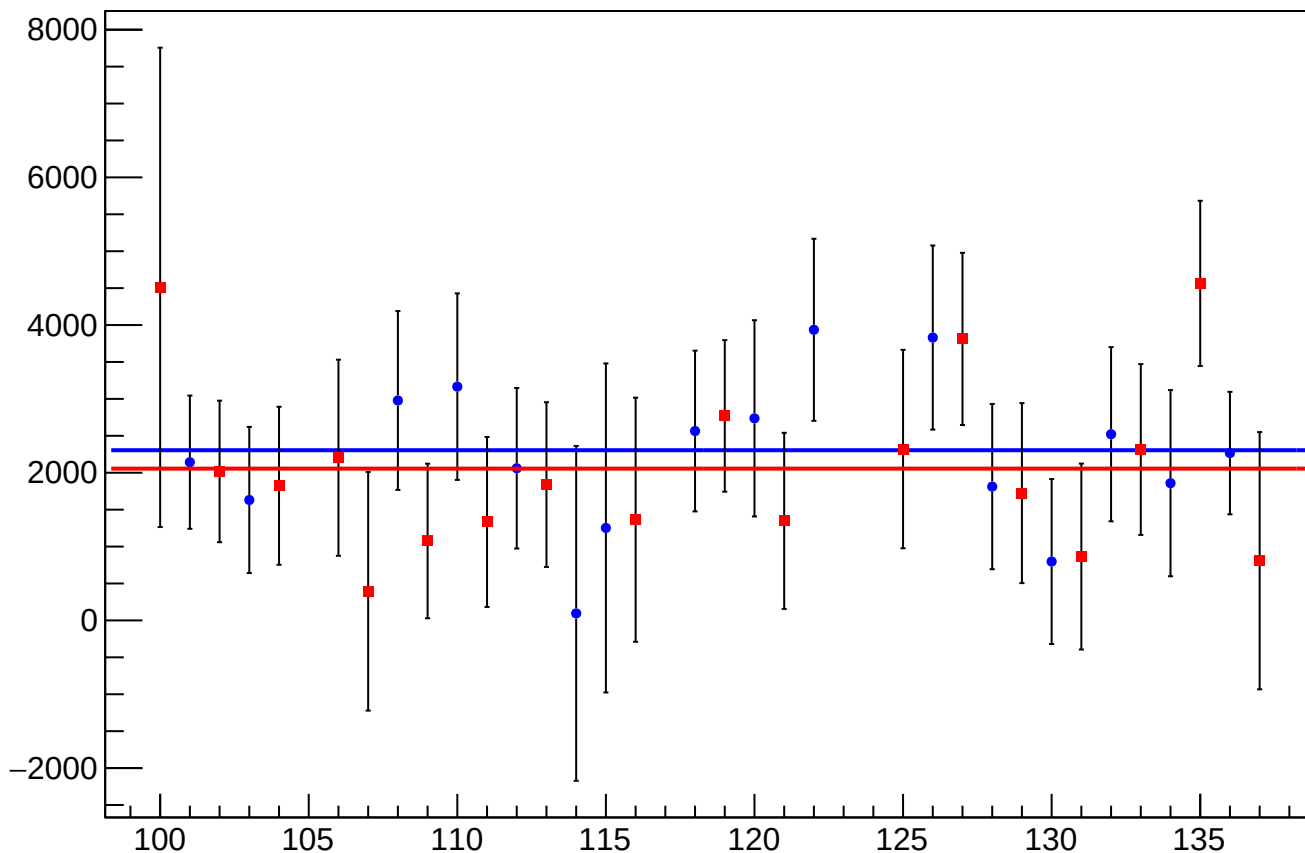
Right: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

overload_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2304.852+/-289.704 χ^2/NDF : 8.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2055.666+/-289.090 χ^2/NDF : 12.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

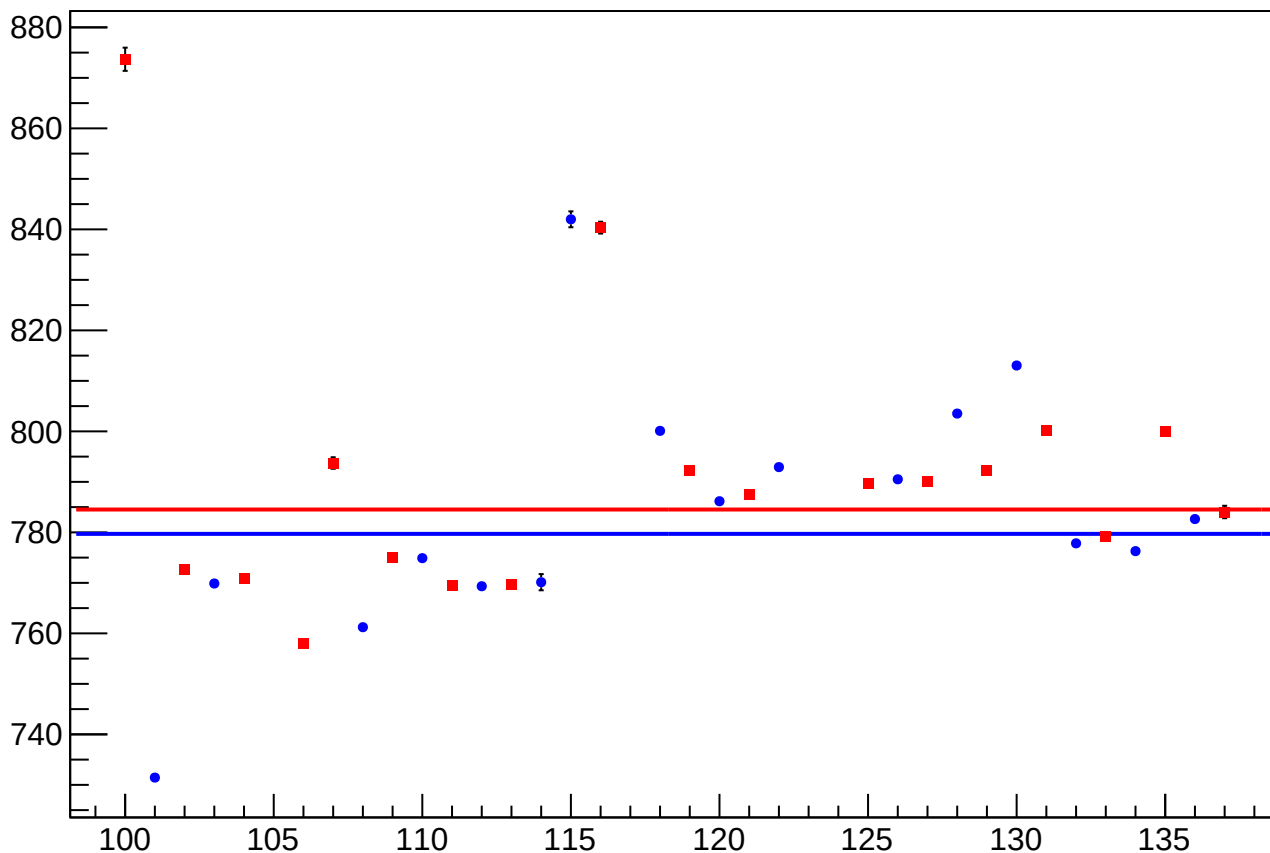
Right: 2179.995+/-204.634 χ^2/NDF : 21.3/33

In: 2304.852+/-289.704 χ^2/NDF : 8.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2179.995+/-204.634 χ^2/NDF : 21.3/33

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.702+/-0.205 χ^2/NDF : 12060.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 784.524+/-0.204 χ^2/NDF : 7160.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

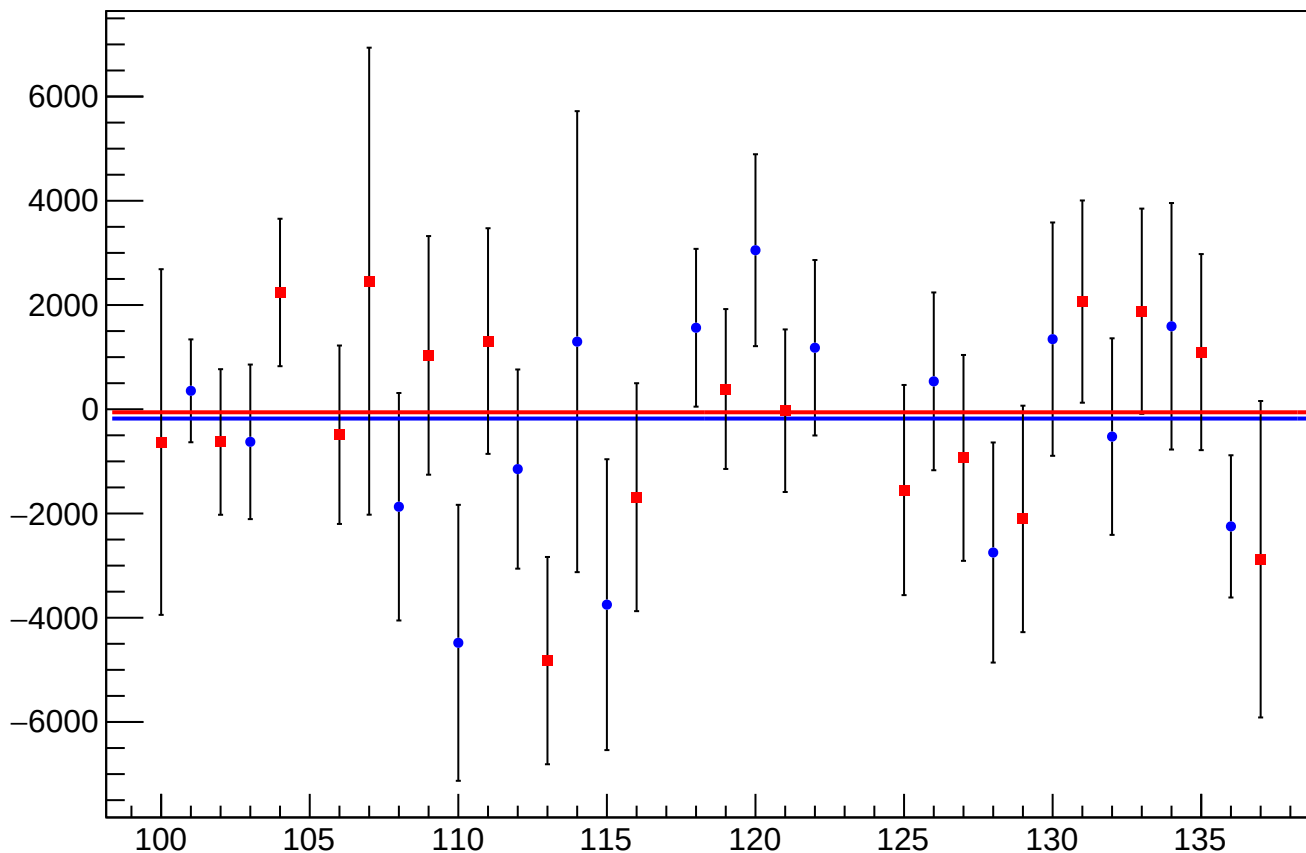
Right: 782.118+/-0.145 χ^2/NDF : 19498.0/33

In: 779.702+/-0.205 χ^2/NDF : 12060.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.118+/-0.145 χ^2/NDF : 19498.0/33

asym_us_avg_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -178.457+/-441.218 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -58.040+/-455.216 χ^2/NDF : 15.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

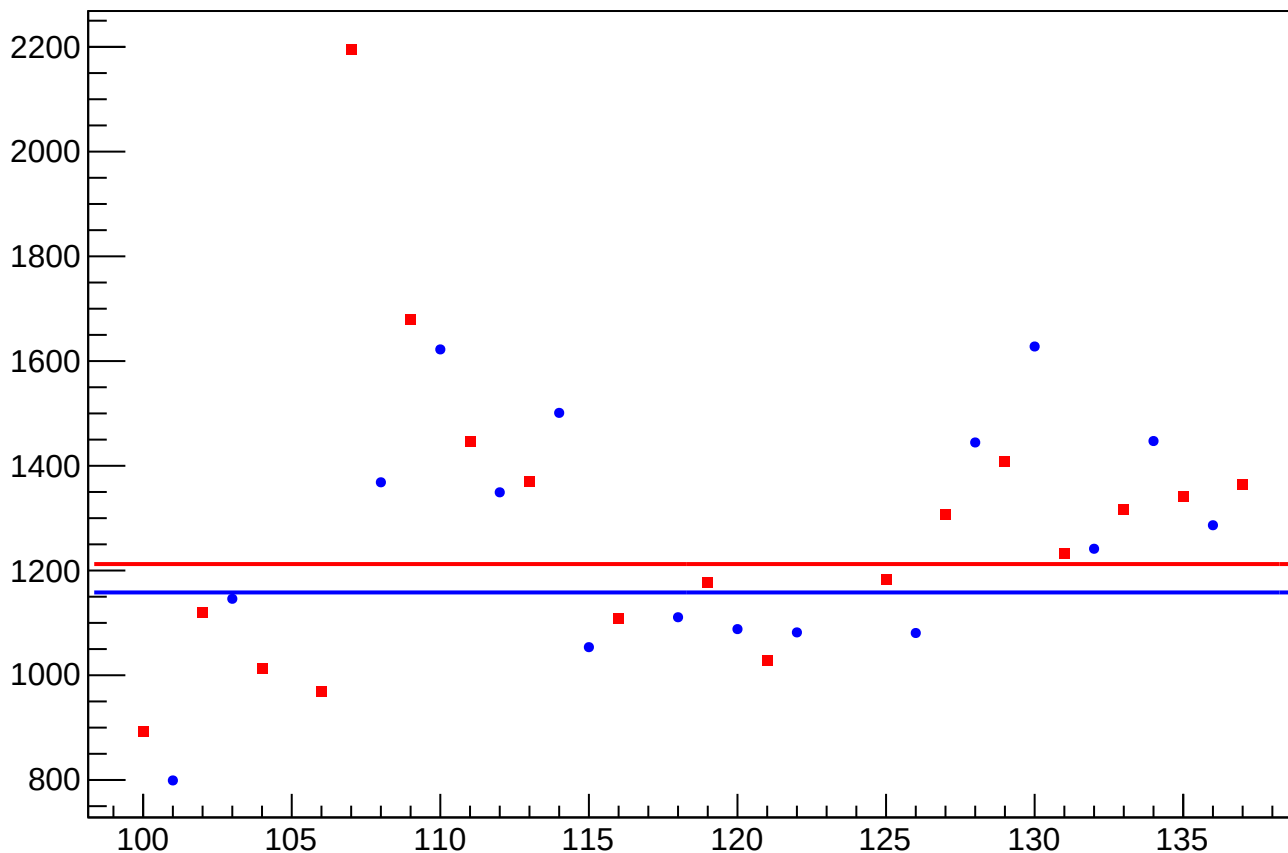
Right: -120.128+/-316.821 χ^2/NDF : 31.0/33

In: -178.457+/-441.218 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -120.128+/-316.821 χ^2/NDF : 31.0/33

asym_us_avg_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1158.134+/-0.312 χ^2/NDF : 569144.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1212.347+/-0.322 χ^2/NDF : 397938.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

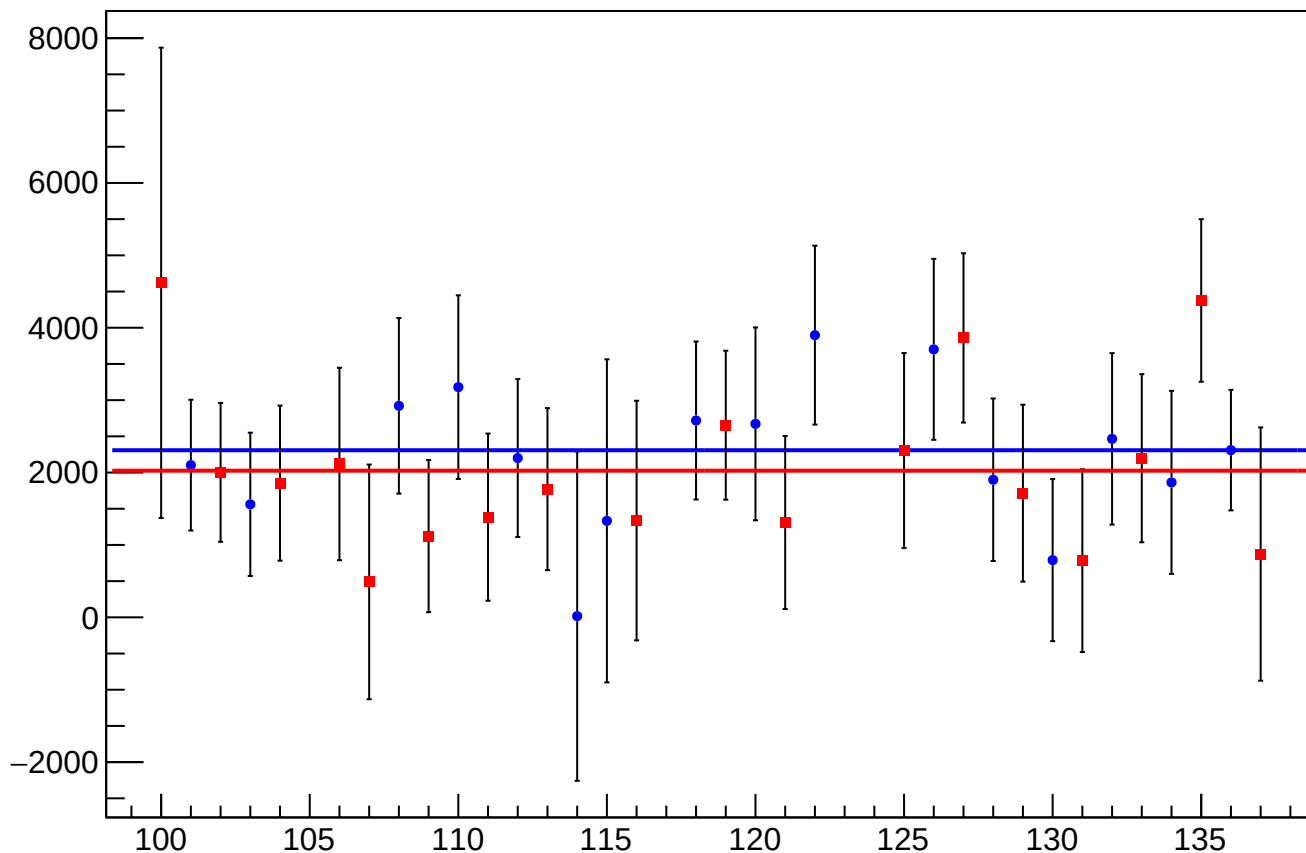
Right: 1184.394+/-0.224 χ^2/NDF : 981708.9/33

In: 1158.134+/-0.312 χ^2/NDF :569144.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1184.394+/-0.224 χ^2/NDF : 981708.9/33

eigen_cor_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2308.155+/-290.431 χ^2/NDF : 7.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2025.627+/-289.797 χ^2/NDF : 11.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

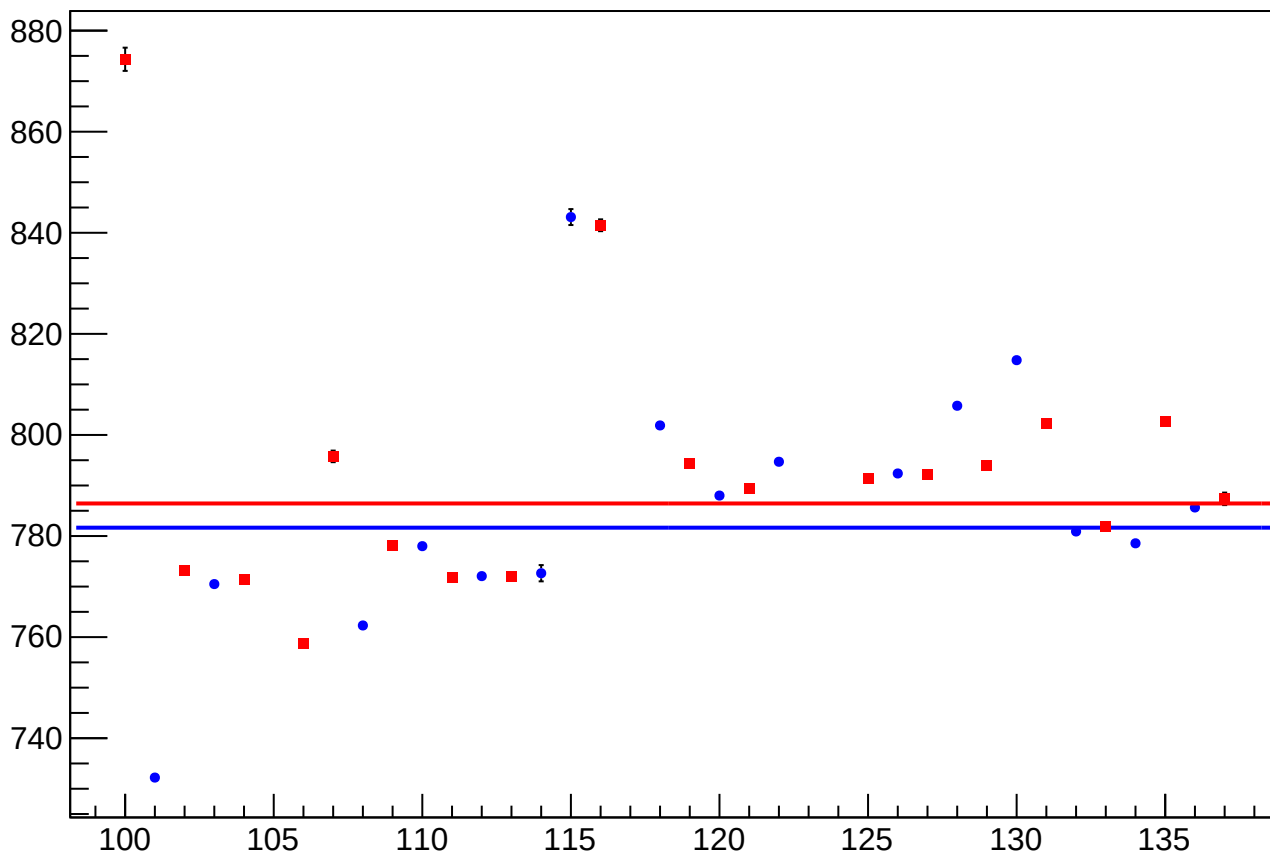
Right: 2166.582+/-205.141 χ^2/NDF : 20.2/33

In: 2308.155+/-290.431 χ^2/NDF : 7.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.582+/-205.141 χ^2/NDF : 20.2/33

eigen_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 781.654 $\pm$ 0.205 χ^2 /NDF: 12319.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 786.443 $\pm$ 0.205 χ^2 /NDF: 7201.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

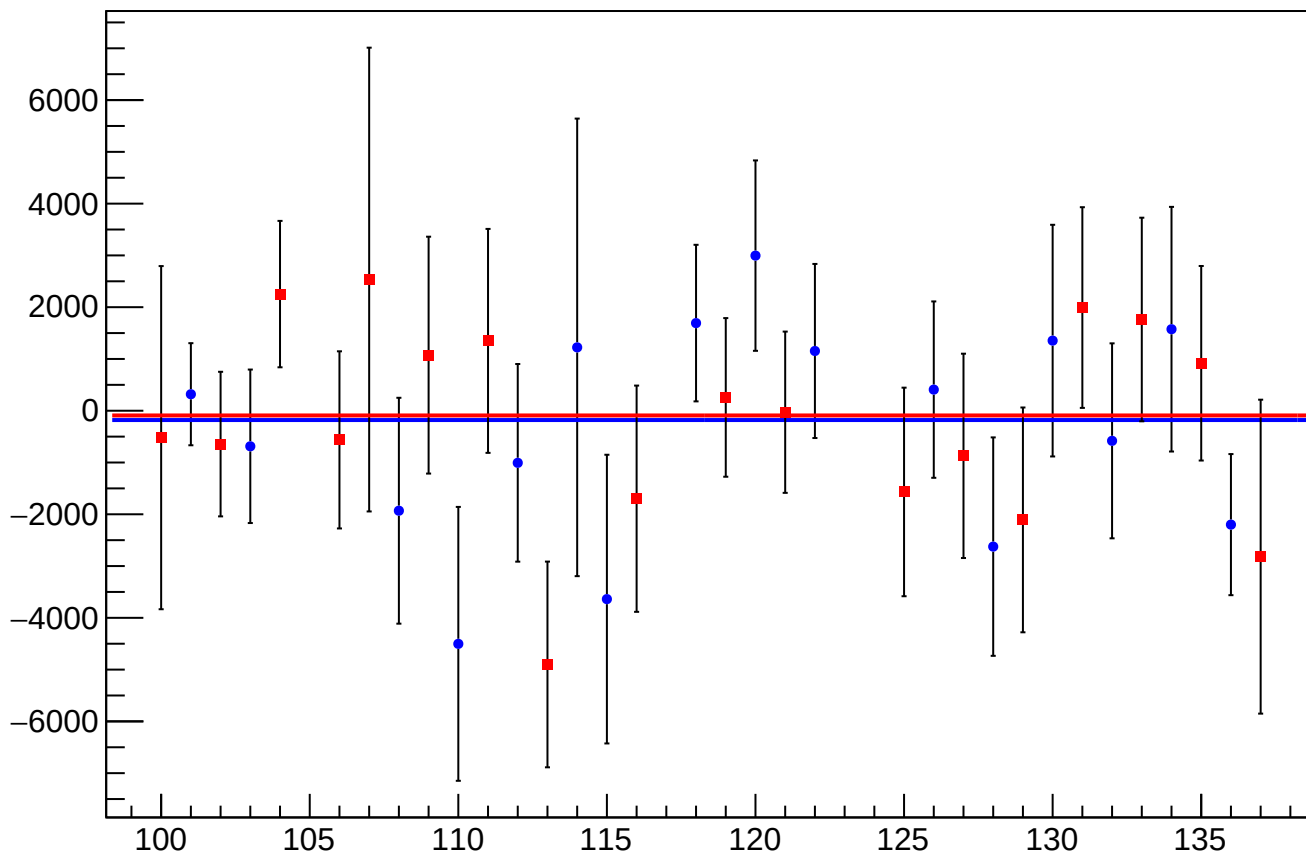
Right: 784.054 $\pm$ 0.145 χ^2 /NDF: 19793.2/33

In: 781.654 $\pm$ 0.205 χ^2 /NDF:12319.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 784.054 $\pm$ 0.145 χ^2 /NDF: 19793.2/33

asym_us_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.288+/-454.811 χ^2/NDF : 15.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

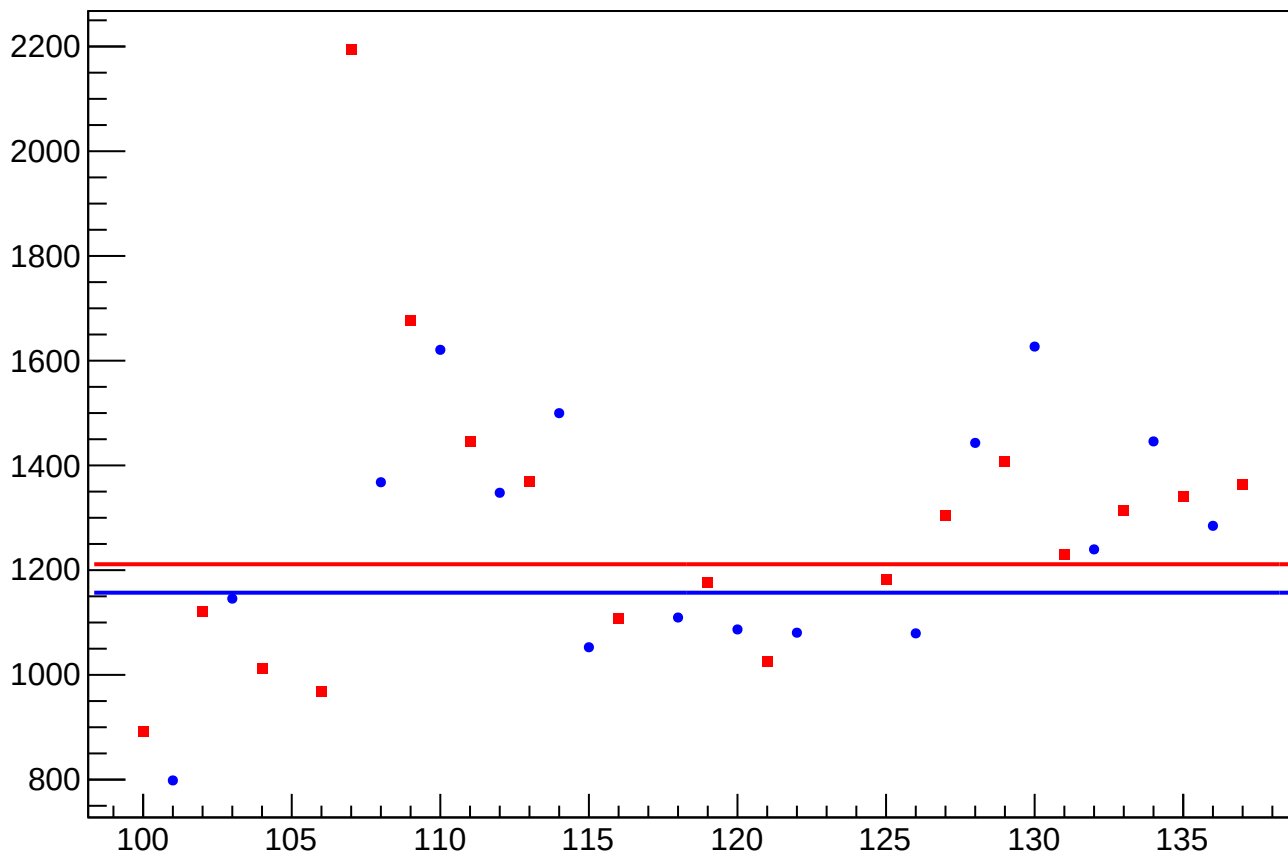
Right: -136.998+/-316.519 χ^2/NDF : 30.6/33

In: -179.929+/-440.772 χ^2/NDF : 15.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -136.998+/-316.519 χ^2/NDF : 30.6/33

asym_us_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1211.264+/-0.322 χ^2/NDF : 397714.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

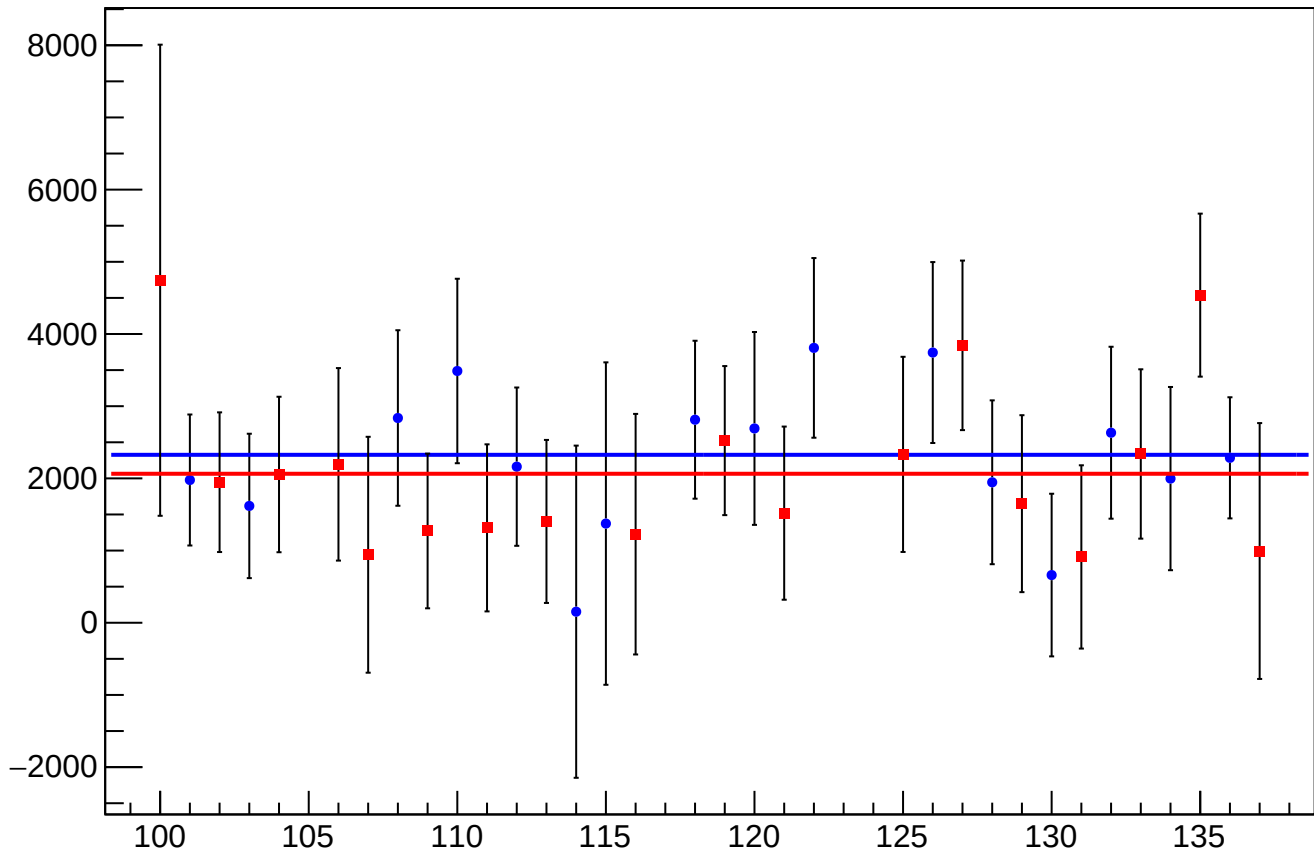
Right: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

In: 1156.948+/-0.312 χ^2/NDF : 569119.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1183.255+/-0.224 χ^2/NDF : 981543.7/33

dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.430+/-292.176 χ^2/NDF : 8.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.976+/-291.790 χ^2/NDF : 11.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

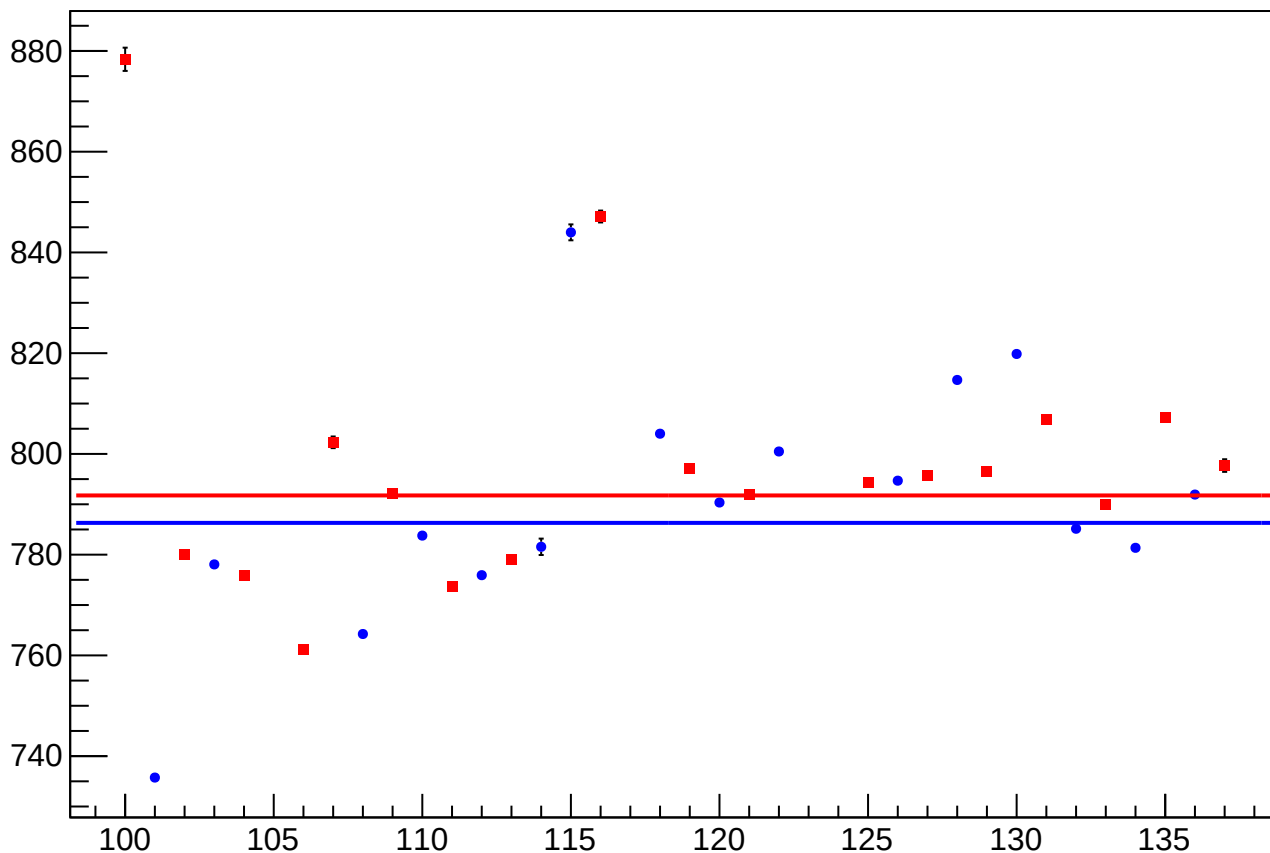
Right: 2195.030+/-206.463 χ^2/NDF : 20.2/33

In: 2326.430+/-292.176 χ^2/NDF : 8.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.030+/-206.463 χ^2/NDF : 20.2/33

dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 786.309+/-0.207 χ^2/NDF : 12571.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 791.756+/-0.206 χ^2/NDF : 7015.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

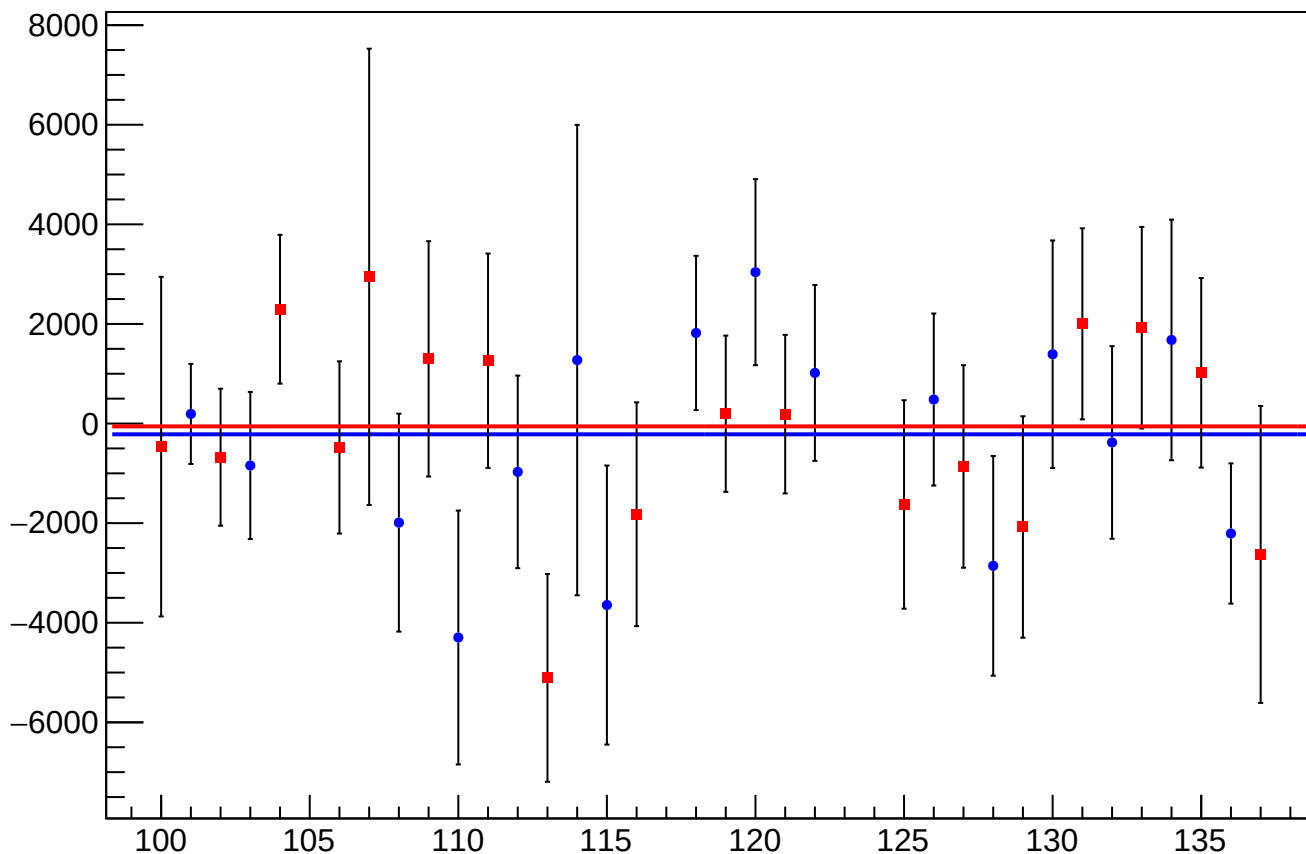
Right: 789.036+/-0.146 χ^2/NDF : 19934.2/33

In: 786.309+/-0.207 χ^2/NDF : 12571.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.036+/-0.146 χ^2/NDF : 19934.2/33

asym_us_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -216.184+/-449.537 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.784+/-463.978 χ^2/NDF : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

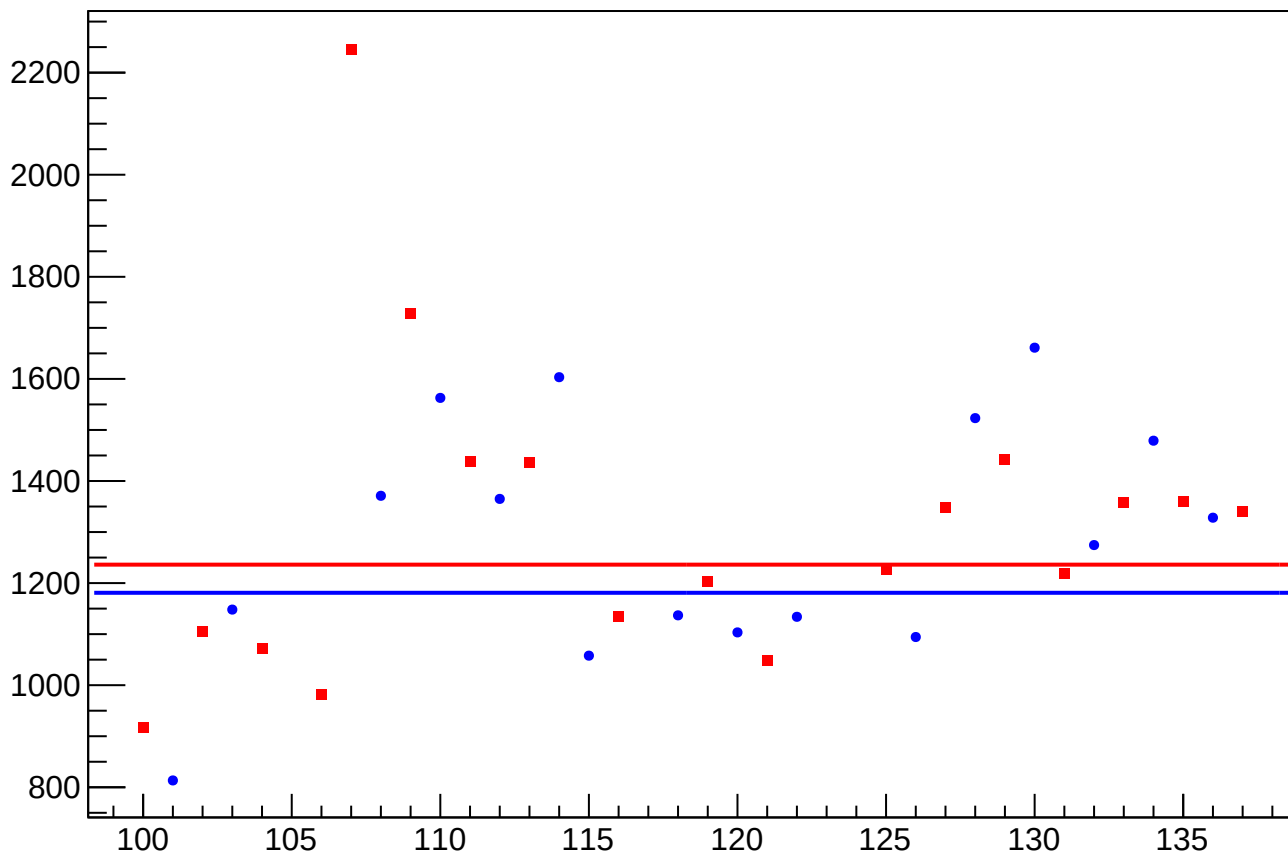
Right: -139.003+/-322.855 χ^2/NDF : 30.5/33

In: -216.184+/-449.537 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.003+/-322.855 χ^2/NDF : 30.5/33

asym_us_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1180.998+/-0.318 χ^2/NDF : 571107.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.134+/-0.328 χ^2/NDF : 397242.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

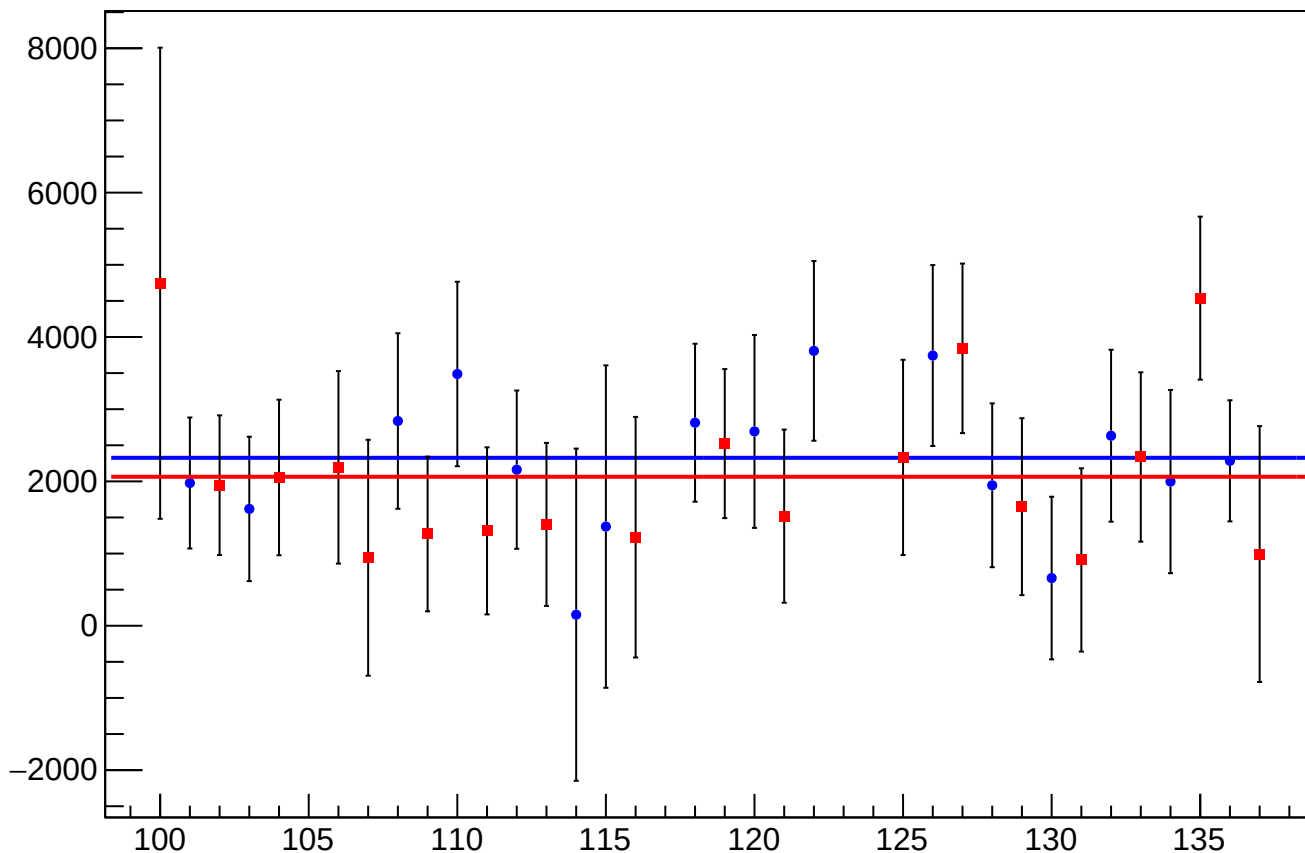
Right: 1207.695+/-0.228 χ^2/NDF : 982917.9/33

In: 1180.998+/-0.318 χ^2/NDF : 571107.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.695+/-0.228 χ^2/NDF : 982917.9/33

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.429+/-292.176 χ^2/NDF : 8.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2063.975+/-291.790 χ^2/NDF : 11.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

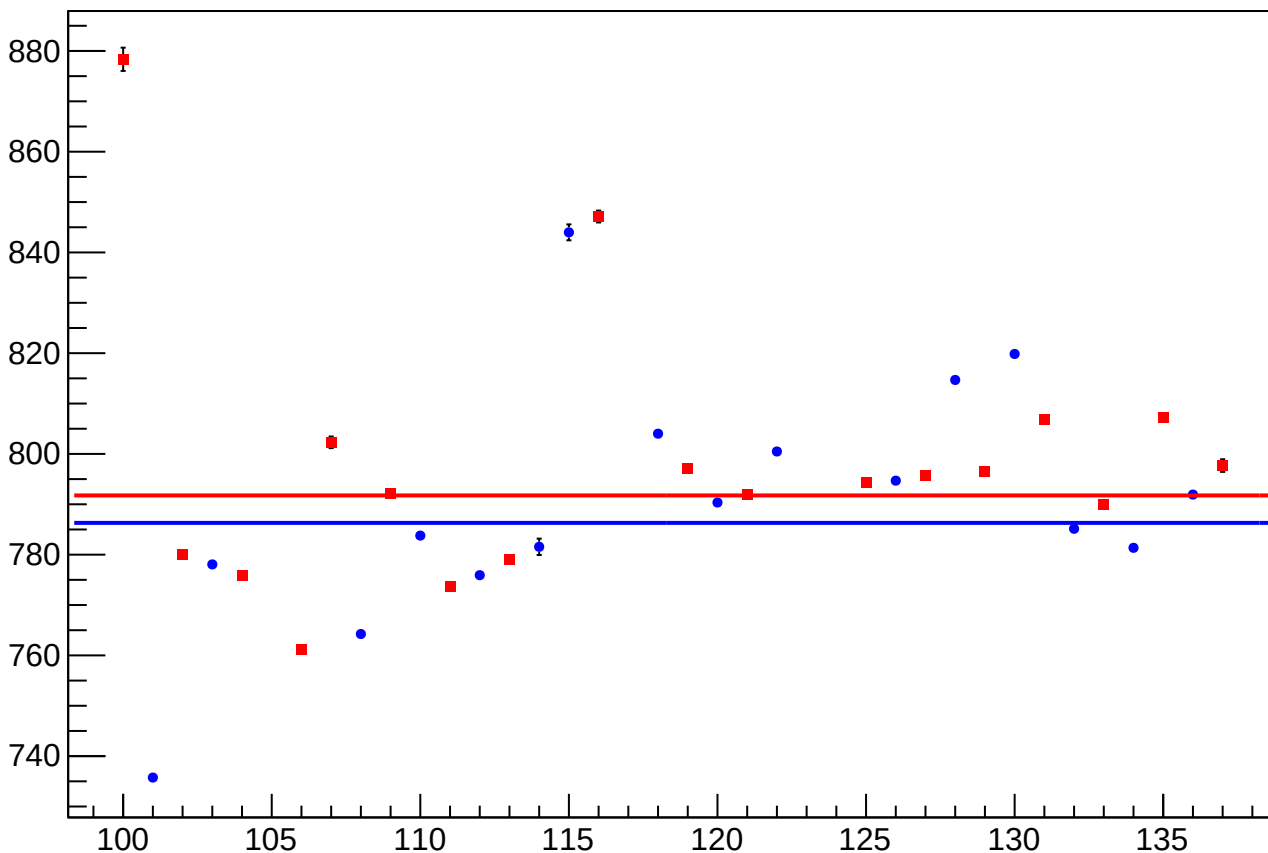
Right: 2195.029+/-206.463 χ^2/NDF : 20.2/33

In: 2326.429+/-292.176 χ^2/NDF : 8.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.029+/-206.463 χ^2/NDF : 20.2/33

eigen_dit_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 786.309+/-0.207 χ^2/NDF : 12571.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 791.756+/-0.206 χ^2/NDF : 7015.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

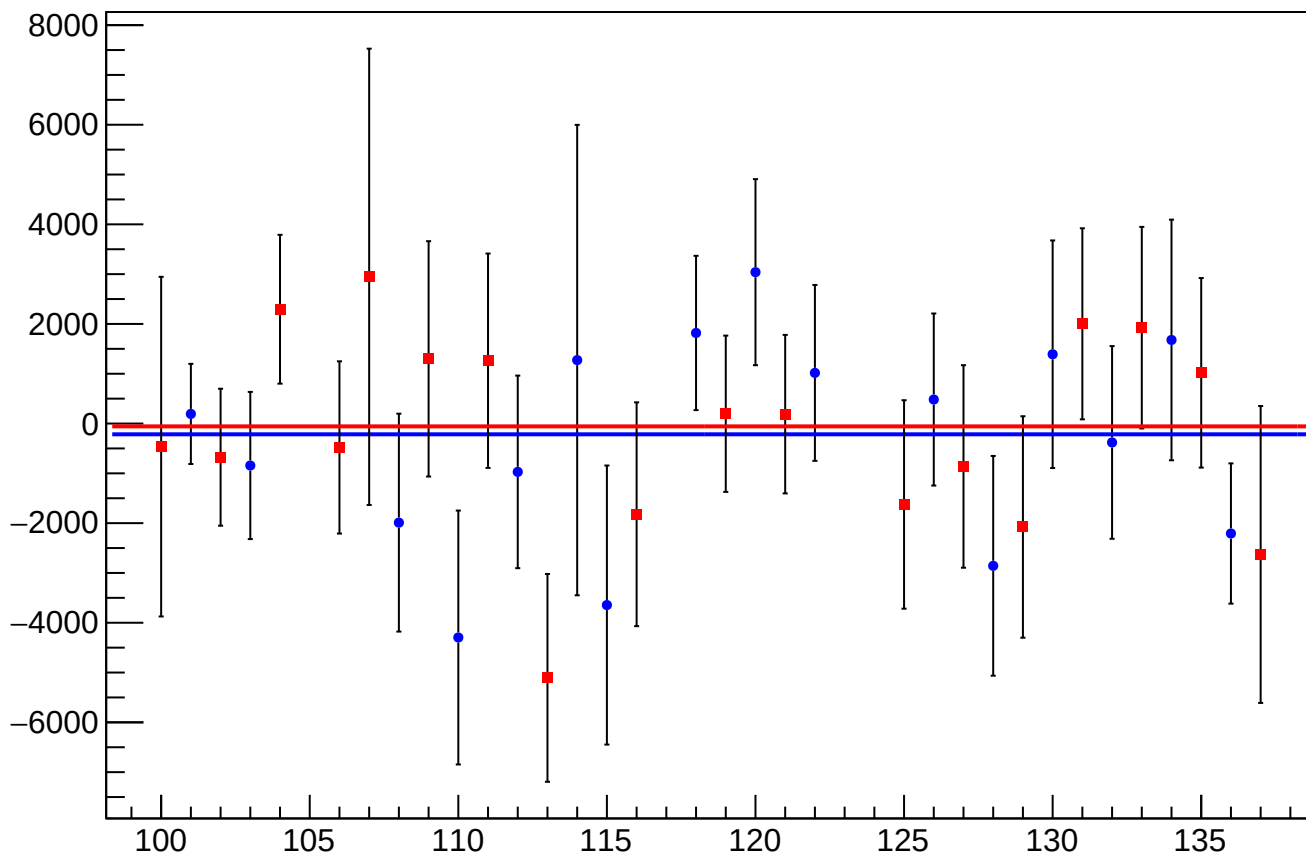
Right: 789.036+/-0.146 χ^2/NDF : 19934.1/33

In: 786.309+/-0.207 χ^2/NDF : 12571.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 789.036+/-0.146 χ^2/NDF : 19934.1/33

asym_us_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -216.183+/-449.536 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -56.784+/-463.977 χ^2/NDF : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

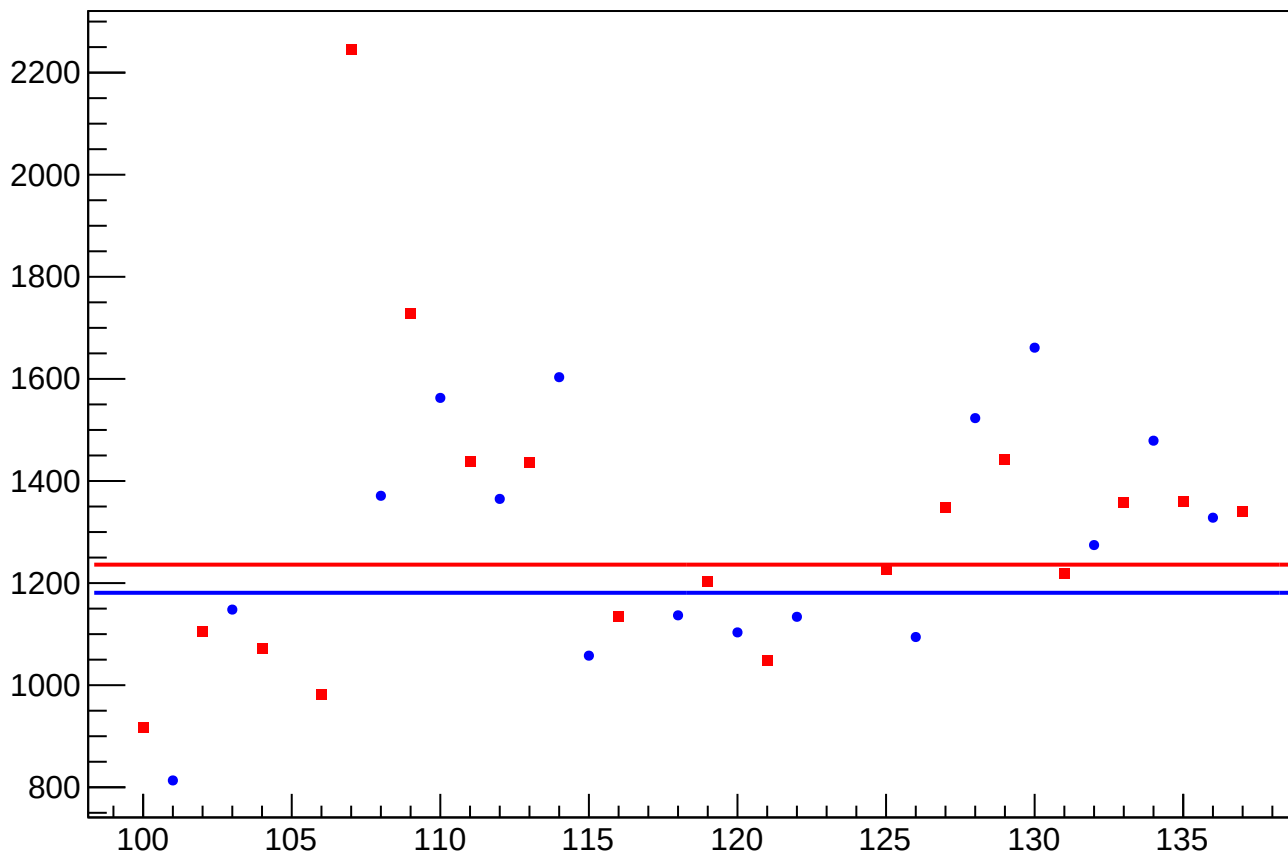
Right: -139.003+/-322.855 χ^2/NDF : 30.5/33

In: -216.183+/-449.536 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.003+/-322.855 χ^2/NDF : 30.5/33

asym_us_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1180.995+/-0.318 χ^2/NDF : 571105.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1236.131+/-0.328 χ^2/NDF : 397240.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

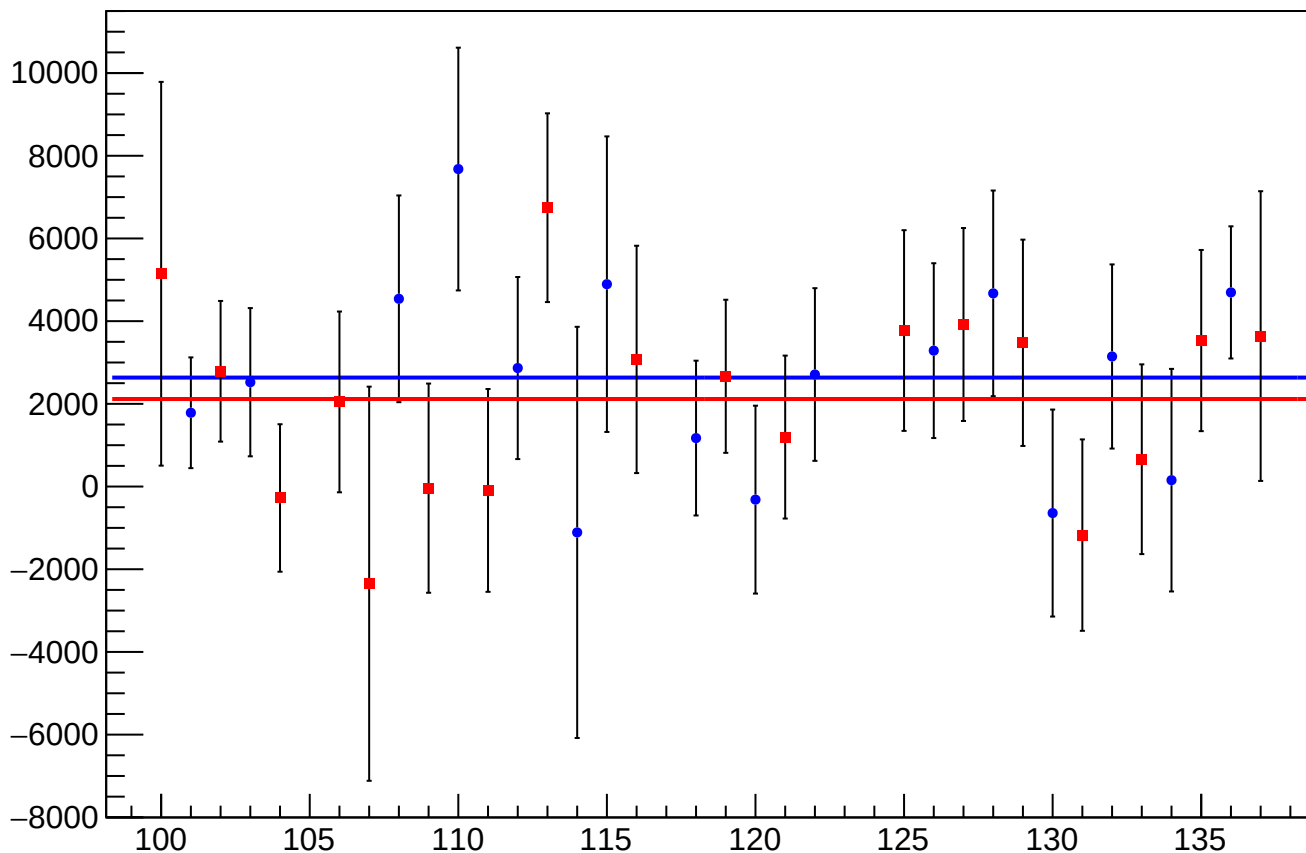
Right: 1207.692+/-0.228 χ^2/NDF : 982914.1/33

In: 1180.995+/-0.318 χ^2/NDF : 571105.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1207.692+/-0.228 χ^2/NDF : 982914.1/33

asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2635.397+/-538.034 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.162+/-547.483 χ^2/NDF : 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

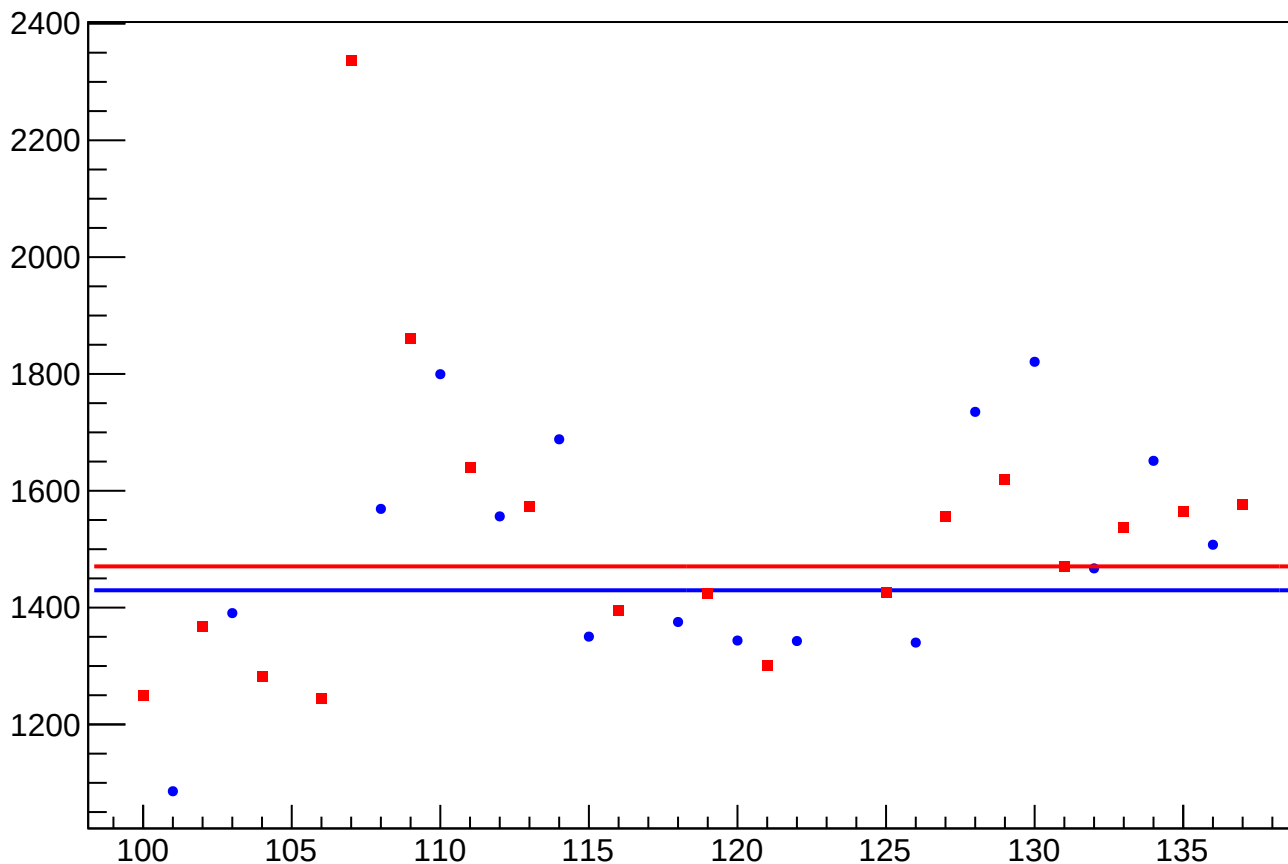
Right: 2380.790+/-383.745 χ^2/NDF : 26.4/33

In: 2635.397+/-538.034 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2380.790+/-383.745 χ^2/NDF : 26.4/33

asym_us_avg_rms vs Slug, Sign Corrected



Right In: 1429.654+/-0.380 χ^2/NDF : 293388.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1470.565+/-0.387 χ^2/NDF : 218067.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

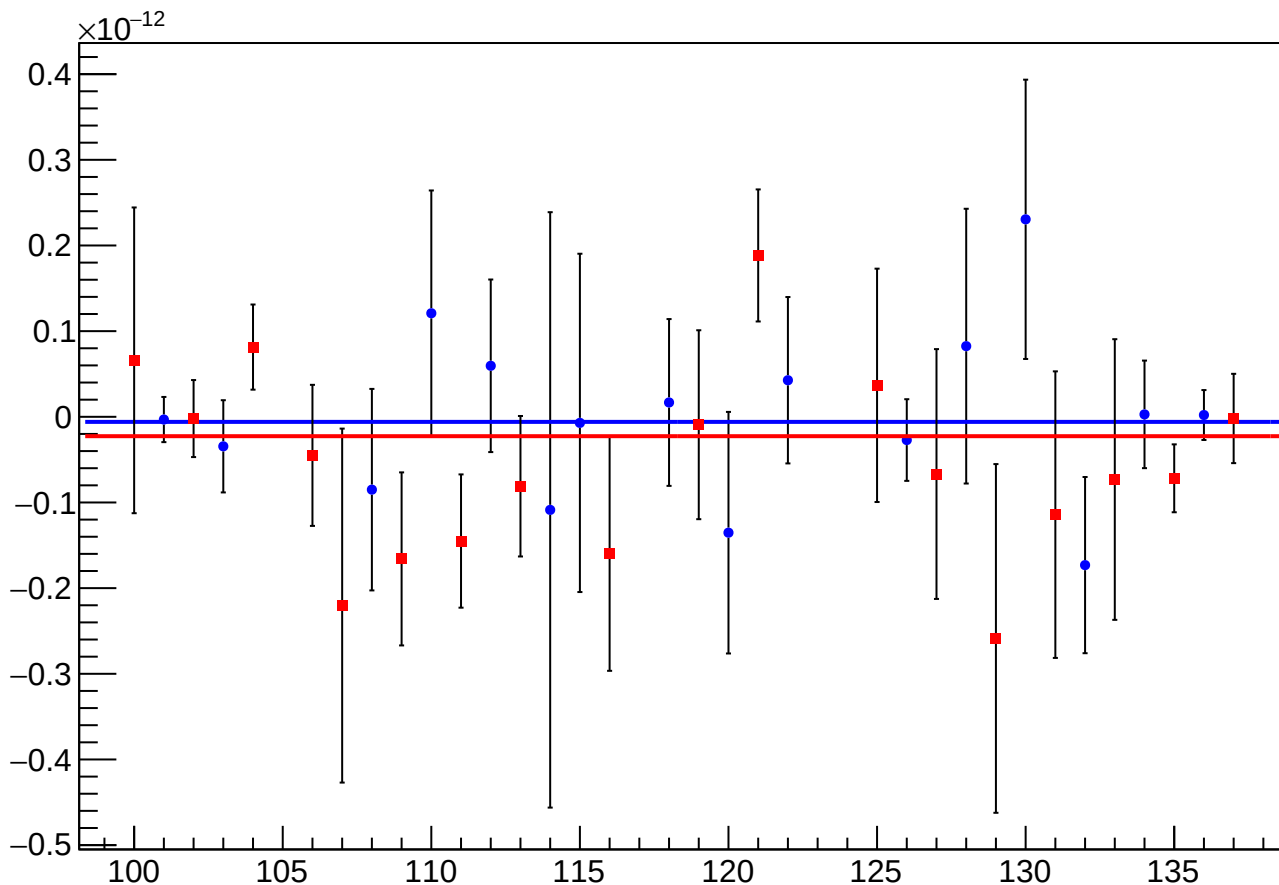
Right: 1449.753+/-0.271 χ^2/NDF : 517137.1/33

In: 1429.654+/-0.380 χ^2/NDF : 293388.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.753+/-0.271 χ^2/NDF : 517137.1/33

asym_us_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 23.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

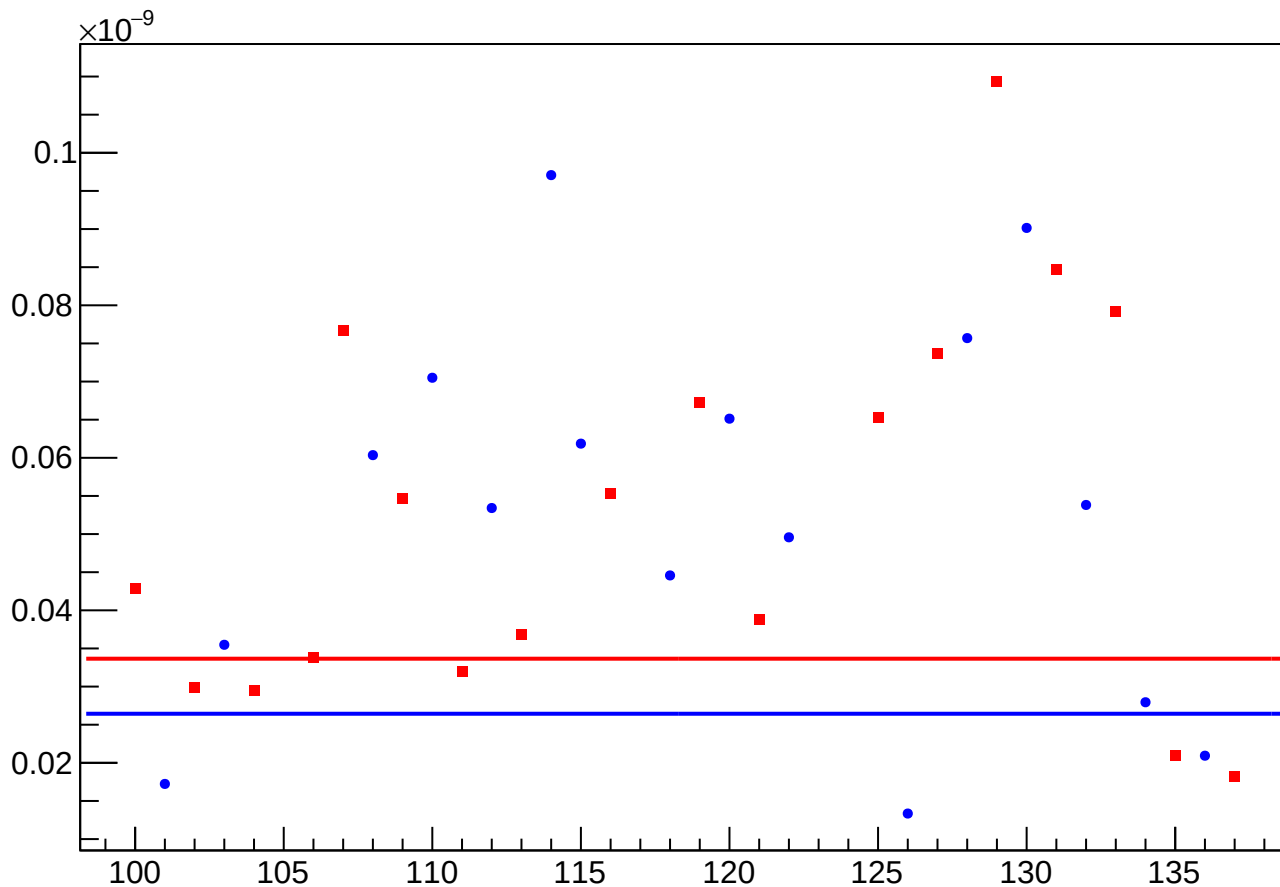
Right: -0.000 ± 0.000 χ^2/NDF : 32.1/33

In: -0.000 ± 0.000 χ^2/NDF : 8.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 32.1/33

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2138464.5/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1711887.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 4035968.6/33

In: 0.000+/-0.000

χ^2/NDF : 2138464.5/15

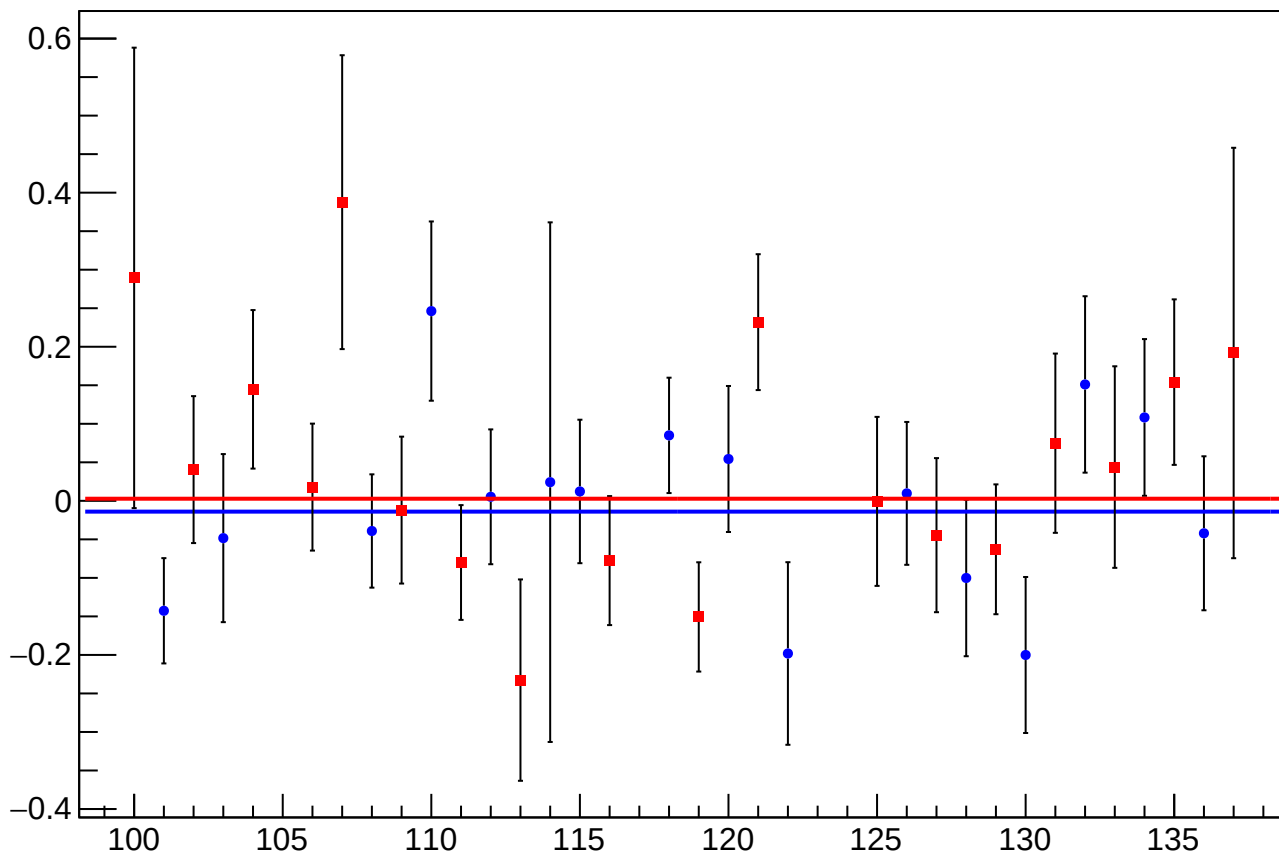
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 4035968.6/33

asym_us_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.024 χ^2/NDF : 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.024 χ^2/NDF : 27.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

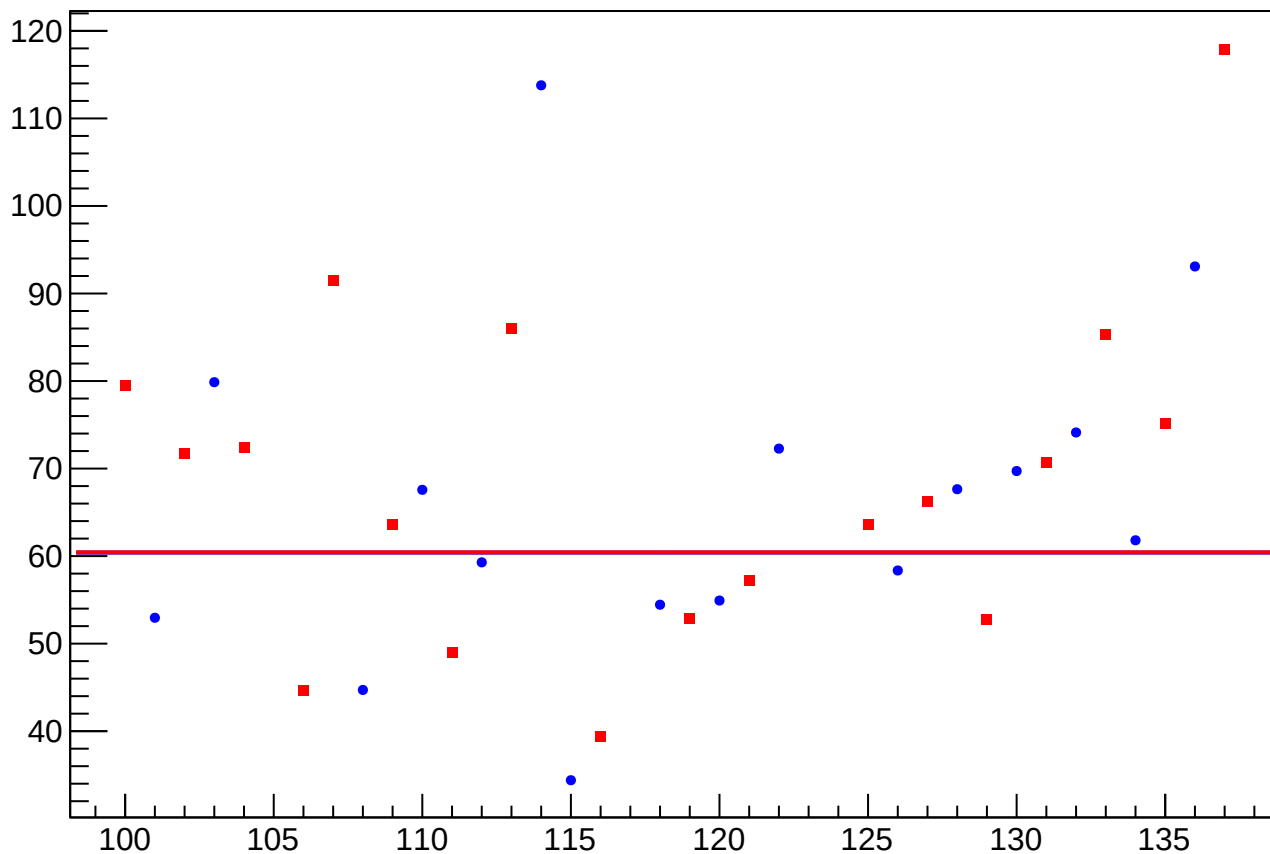
Right: -0.006+/-0.017 χ^2/NDF : 49.4/33

In: -0.014+/-0.024 χ^2/NDF :21.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.017 χ^2/NDF : 49.4/33

asym_us_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.399+/-0.017 χ^2/NDF : 703157.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.434+/-0.017 χ^2/NDF : 711093.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

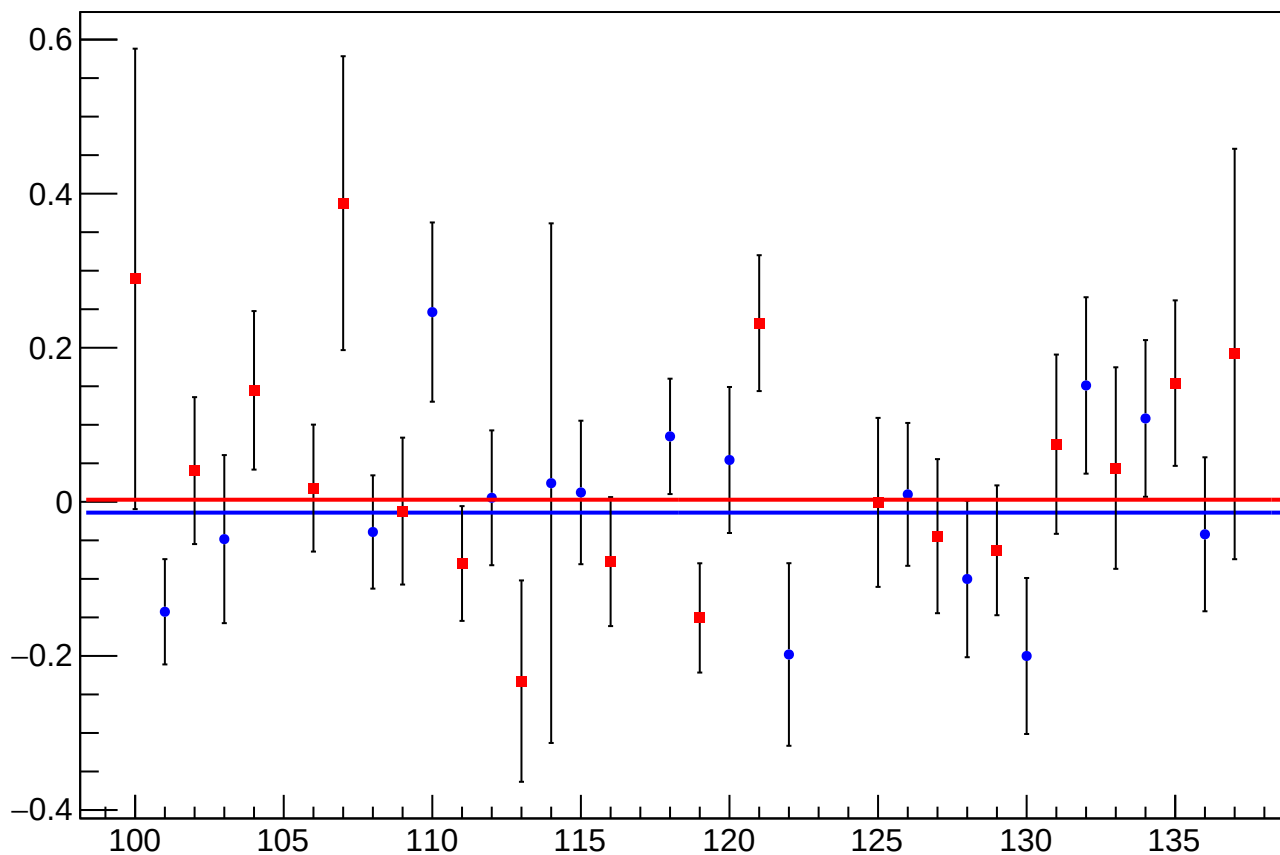
Right: 60.417+/-0.012 χ^2/NDF : 1414252.6/33

In: 60.399+/-0.017 χ^2/NDF : 703157.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.417+/-0.012 χ^2/NDF : 1414252.6/33

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014+/-0.024 χ^2/NDF : 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.024 χ^2/NDF : 27.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

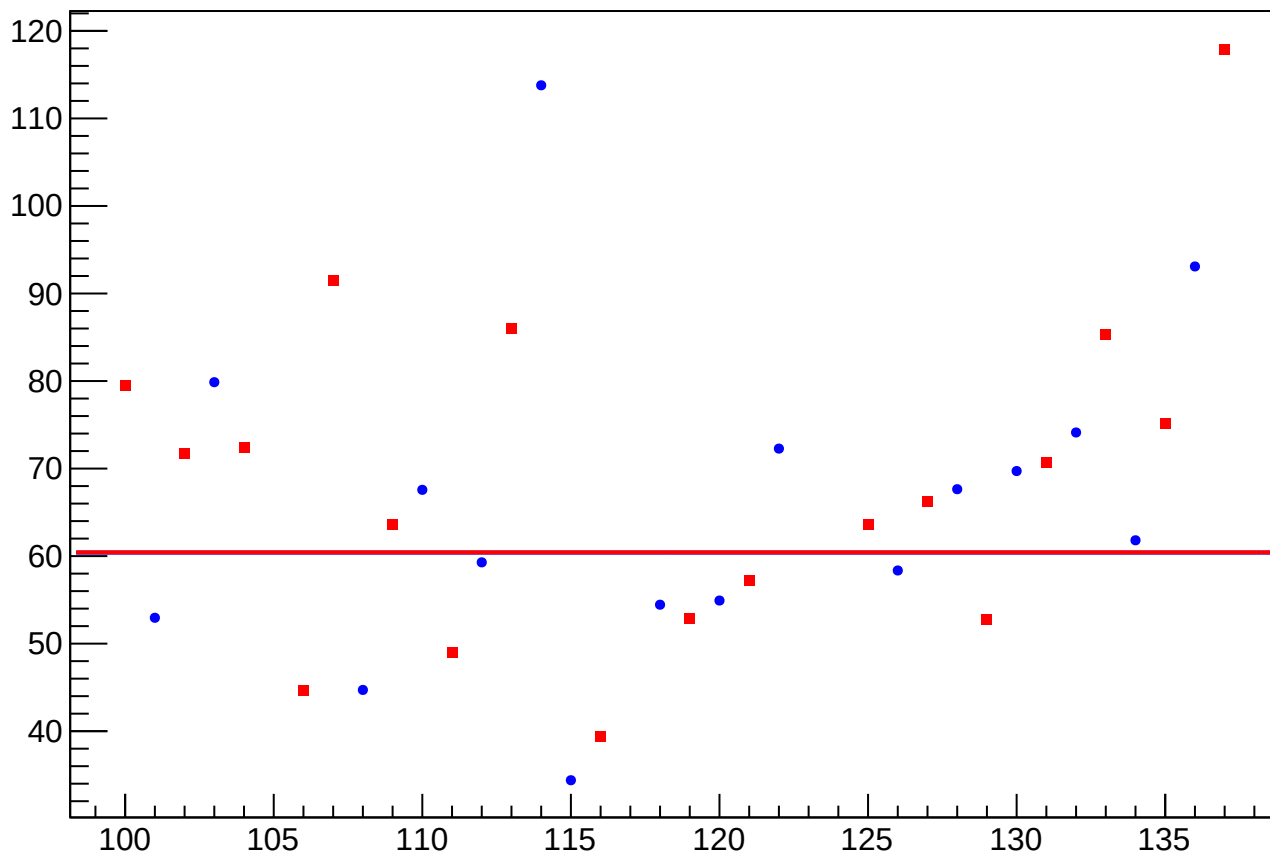
Right: -0.006+/-0.017 χ^2/NDF : 49.4/33

In: -0.014+/-0.024 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.017 χ^2/NDF : 49.4/33

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.399+/-0.017 χ^2/NDF : 703157.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.434+/-0.017 χ^2/NDF : 711093.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

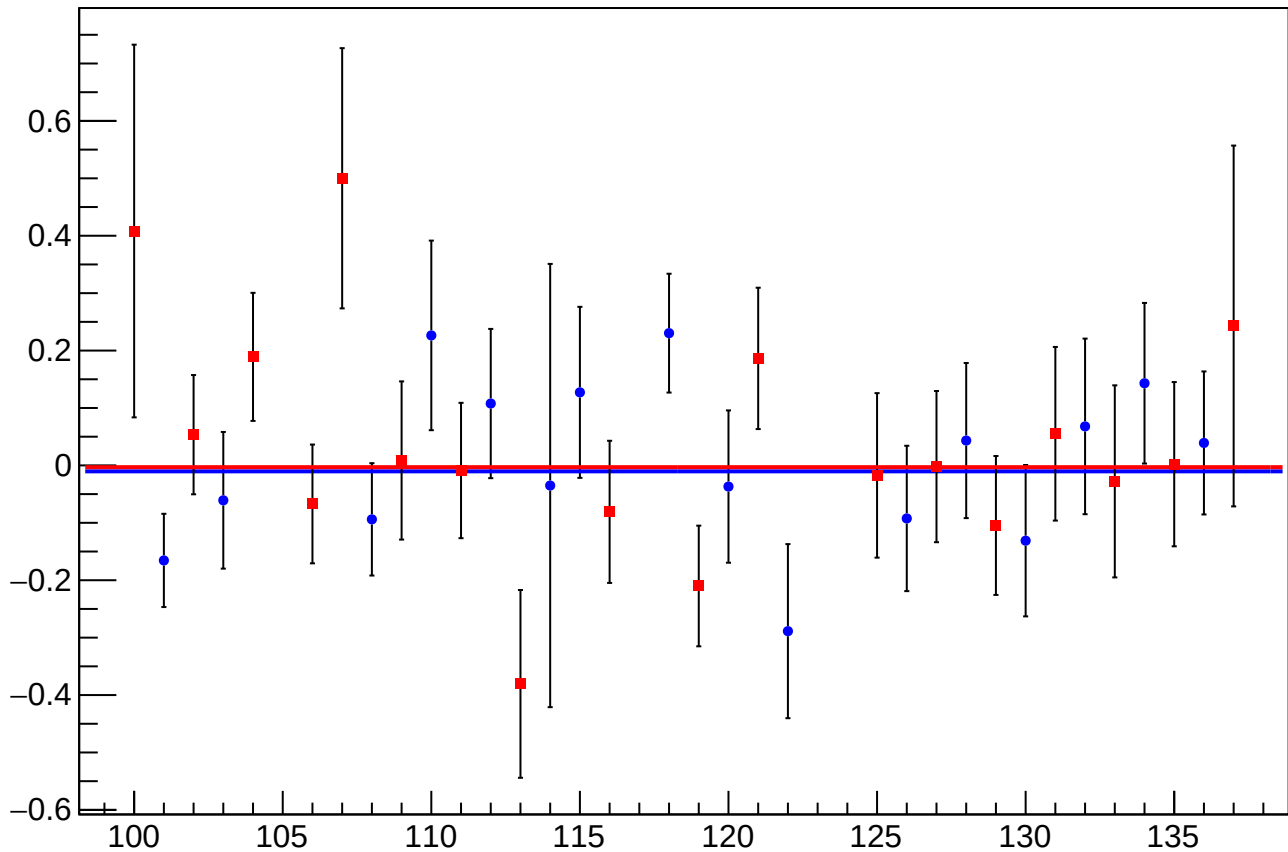
Right: 60.417+/-0.012 χ^2/NDF : 1414252.6/33

In: 60.399+/-0.017 χ^2/NDF : 703157.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.417+/-0.012 χ^2/NDF : 1414252.6/33

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.032 χ^2/NDF : 20.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.032 χ^2/NDF : 23.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

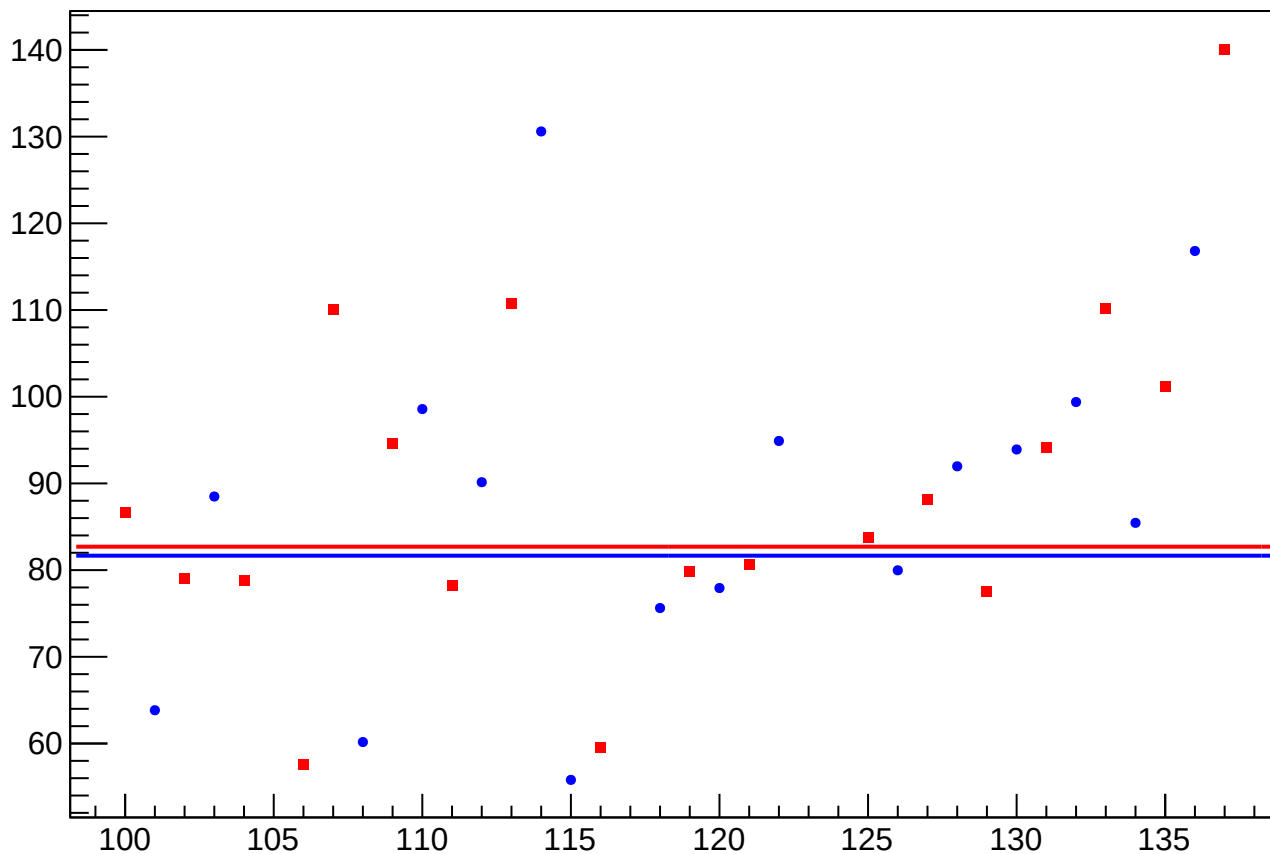
Right: -0.007 ± 0.022 χ^2/NDF : 43.8/33

In: -0.010 ± 0.032 χ^2/NDF : 20.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.022 χ^2/NDF : 43.8/33

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.664+/-0.022 χ^2/NDF : 561848.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.701+/-0.022 χ^2/NDF : 473065.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

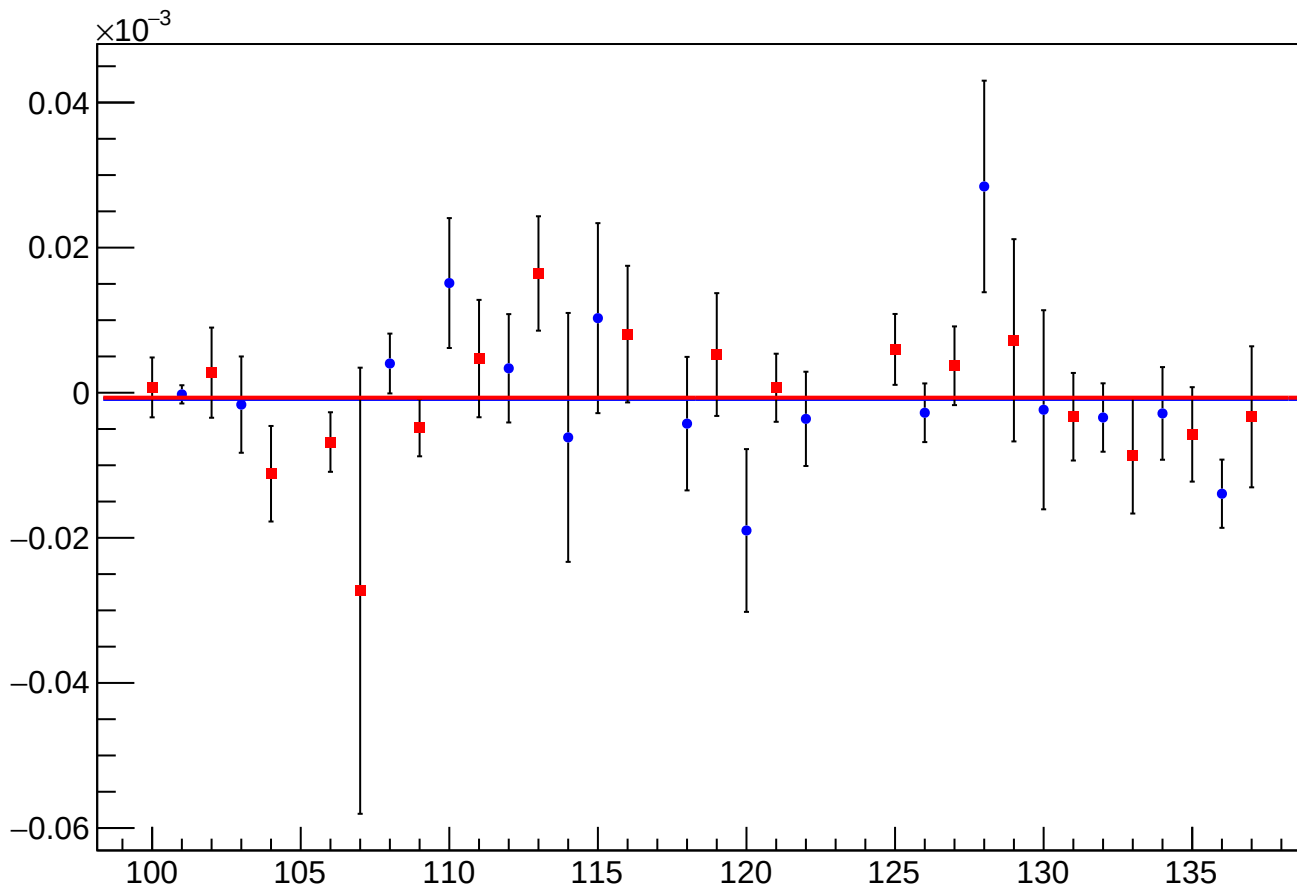
Right: 82.180+/-0.016 χ^2/NDF : 1035987.5/33

In: 81.664+/-0.022 χ^2/NDF : 561848.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.180+/-0.016 χ^2/NDF : 1035987.5/33

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

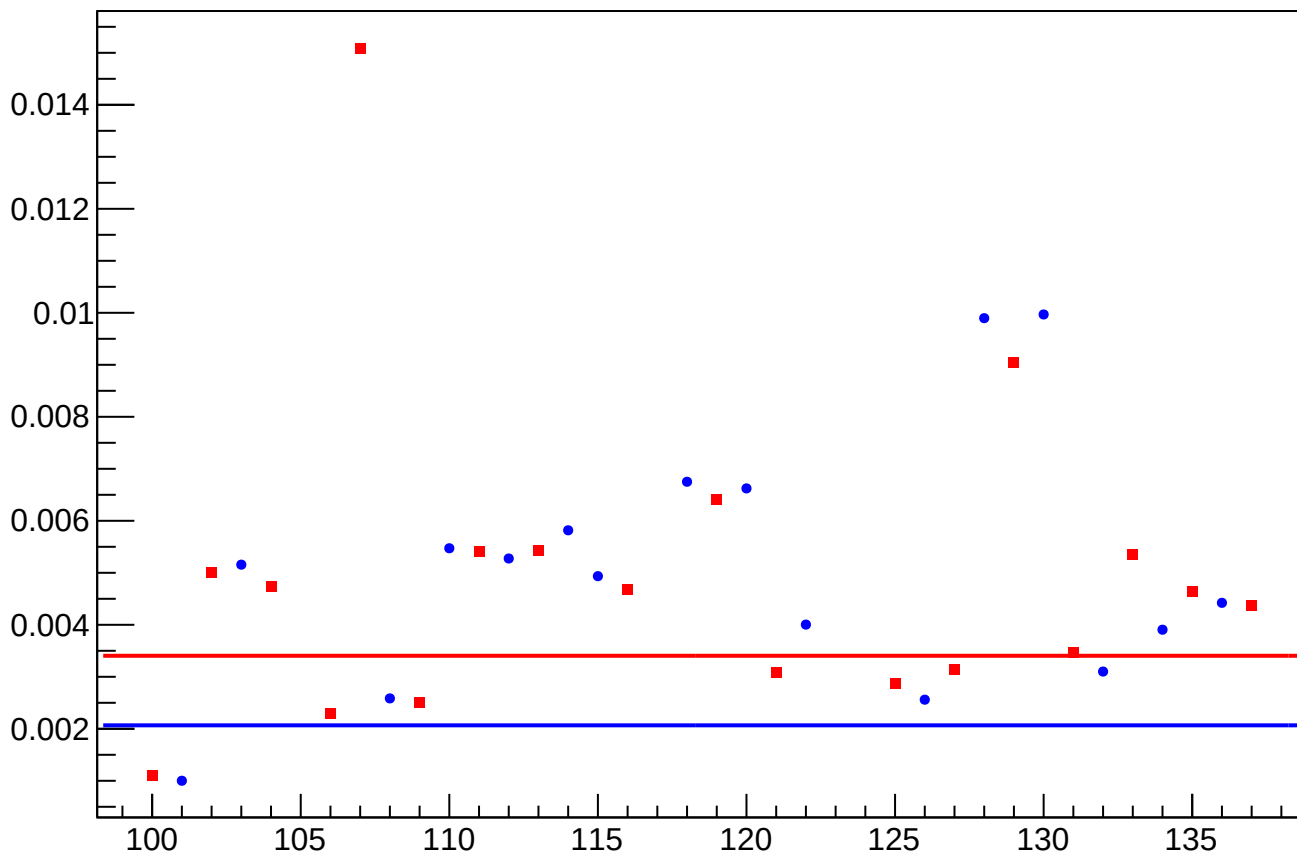
Right: -0.000+/-0.000 χ^2/NDF : 39.7/33

In: -0.000+/-0.000 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.7/33

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 5813338.1/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2491305.2/17

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 9479134.4/33

In: 0.002+/-0.000

χ^2/NDF :5813338.1/15

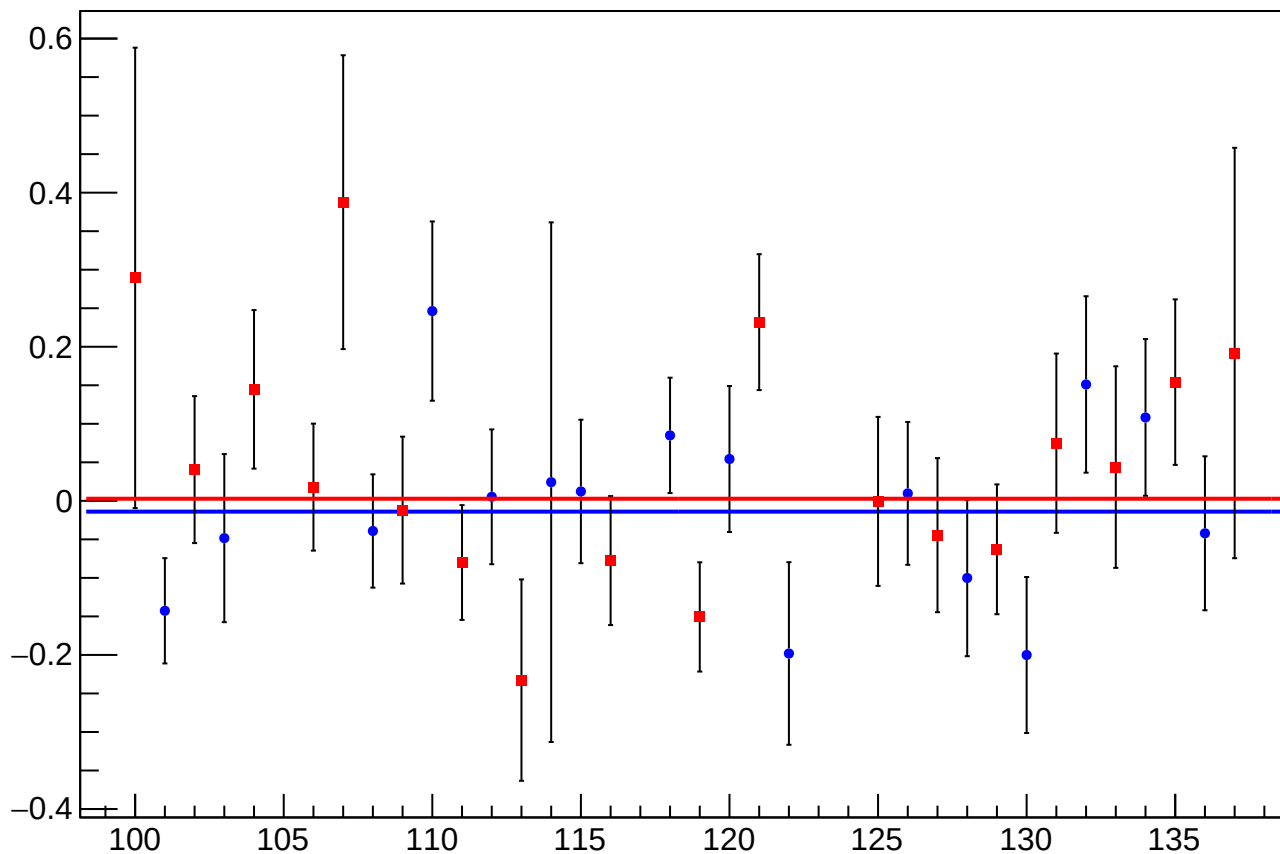
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.003+/-0.000

χ^2/NDF : 9479134.4/33

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.024 χ^2 /NDF: 21.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.024 χ^2 /NDF: 27.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

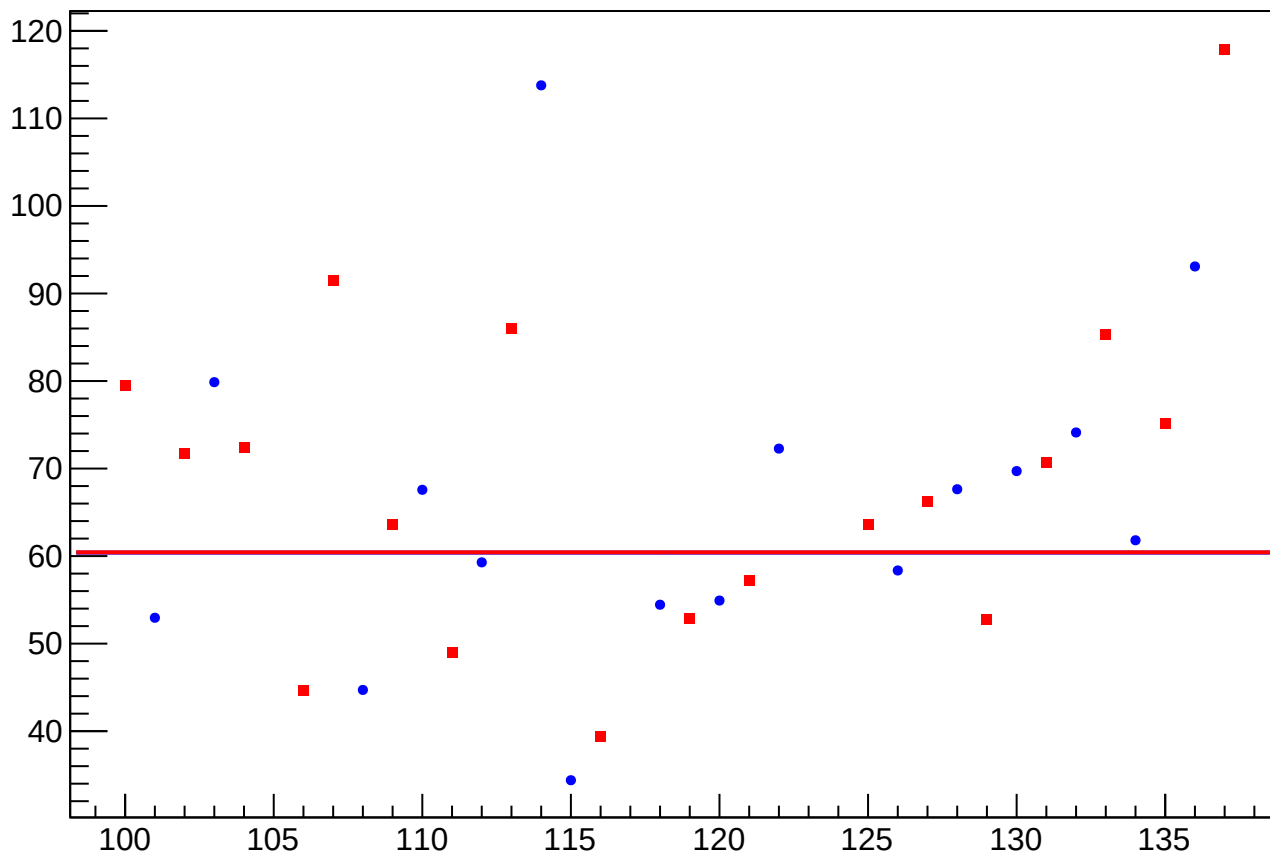
Right: -0.006 $\pm$ 0.017 χ^2 /NDF: 49.4/33

In: -0.014 $\pm$ 0.024 χ^2 /NDF:21.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.017 χ^2 /NDF: 49.4/33

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.398+/-0.017 χ^2/NDF : 703169.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.432+/-0.017 χ^2/NDF : 711122.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

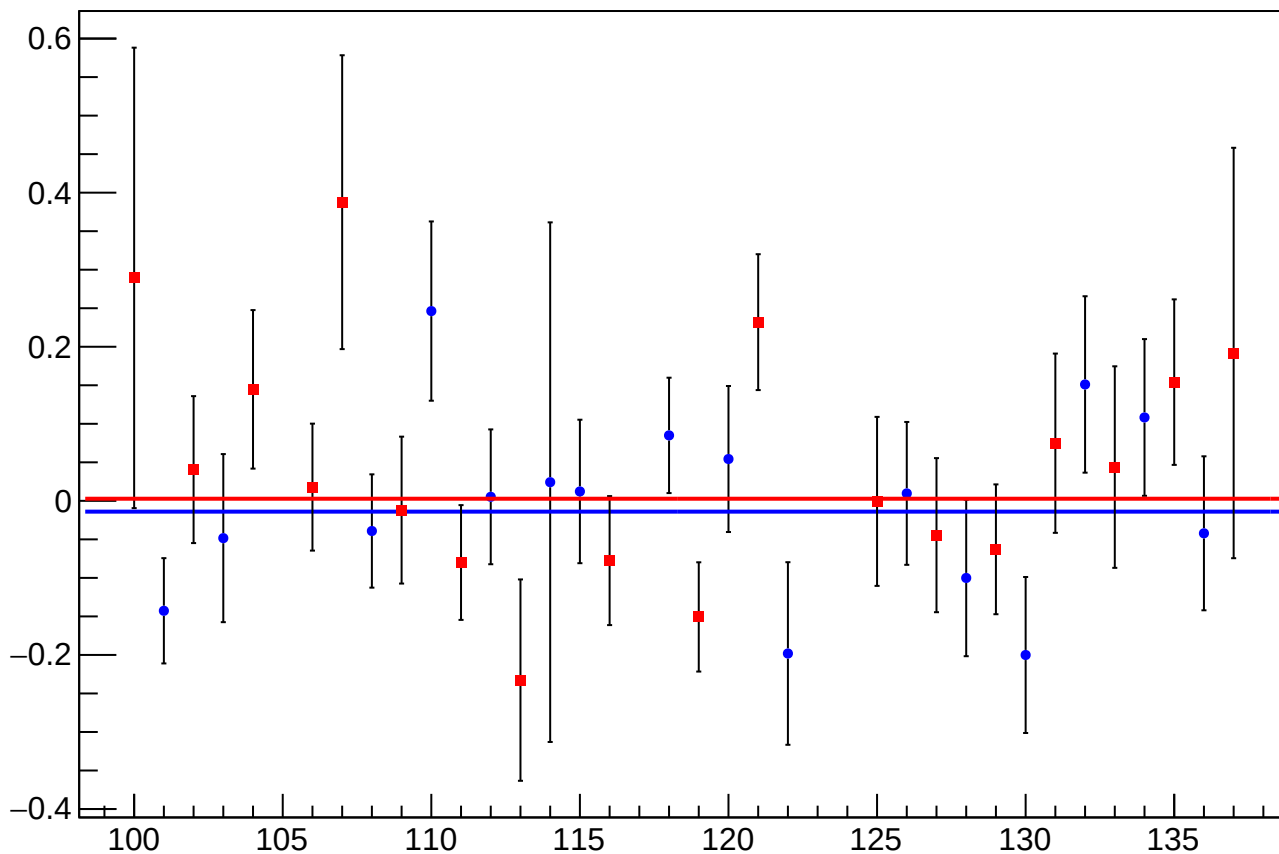
Right: 60.415+/-0.012 χ^2/NDF : 1414293.7/33

In: 60.398+/-0.017 χ^2/NDF : 703169.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.415+/-0.012 χ^2/NDF : 1414293.7/33

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.014 $\pm$ 0.024 χ^2 /NDF: 21.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.024 χ^2 /NDF: 27.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

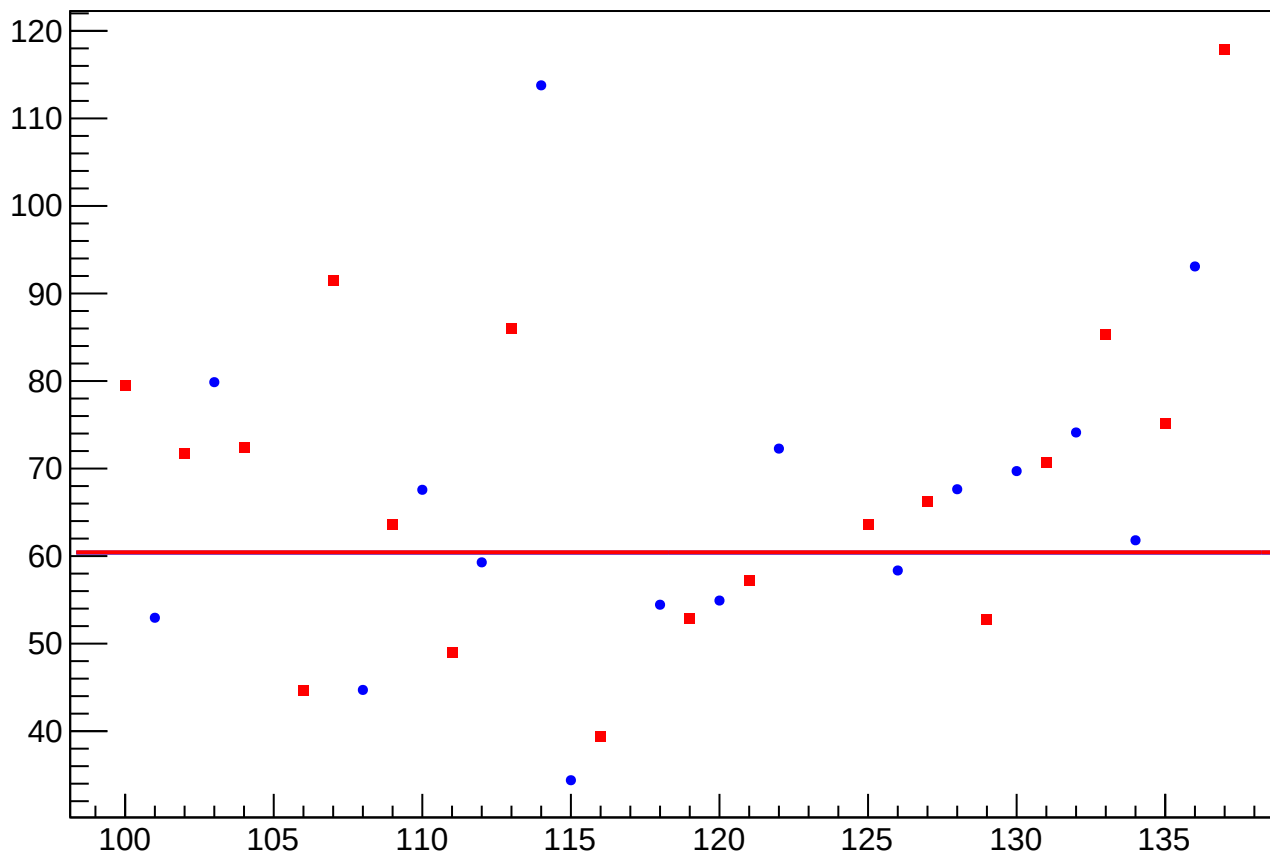
Right: -0.006 $\pm$ 0.017 χ^2 /NDF: 49.4/33

In: -0.014 $\pm$ 0.024 χ^2 /NDF:21.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.017 χ^2 /NDF: 49.4/33

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.398+/-0.017 χ^2/NDF : 703169.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.432+/-0.017 χ^2/NDF : 711122.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

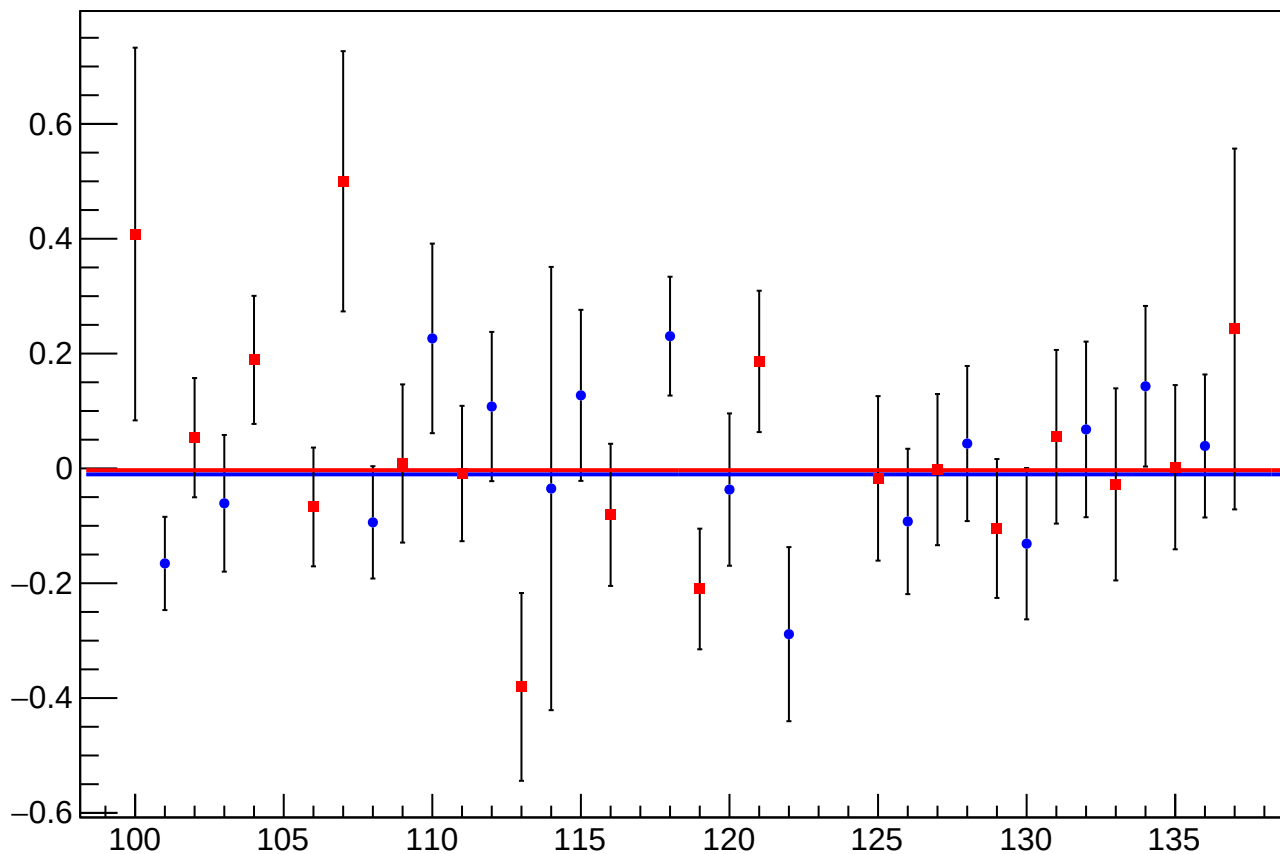
Right: 60.415+/-0.012 χ^2/NDF : 1414293.7/33

In: 60.398+/-0.017 χ^2/NDF : 703169.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.415+/-0.012 χ^2/NDF : 1414293.7/33

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.032 $\chi^2/\text{NDF}: 20.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.003 ± 0.032 $\chi^2/\text{NDF}: 23.7/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

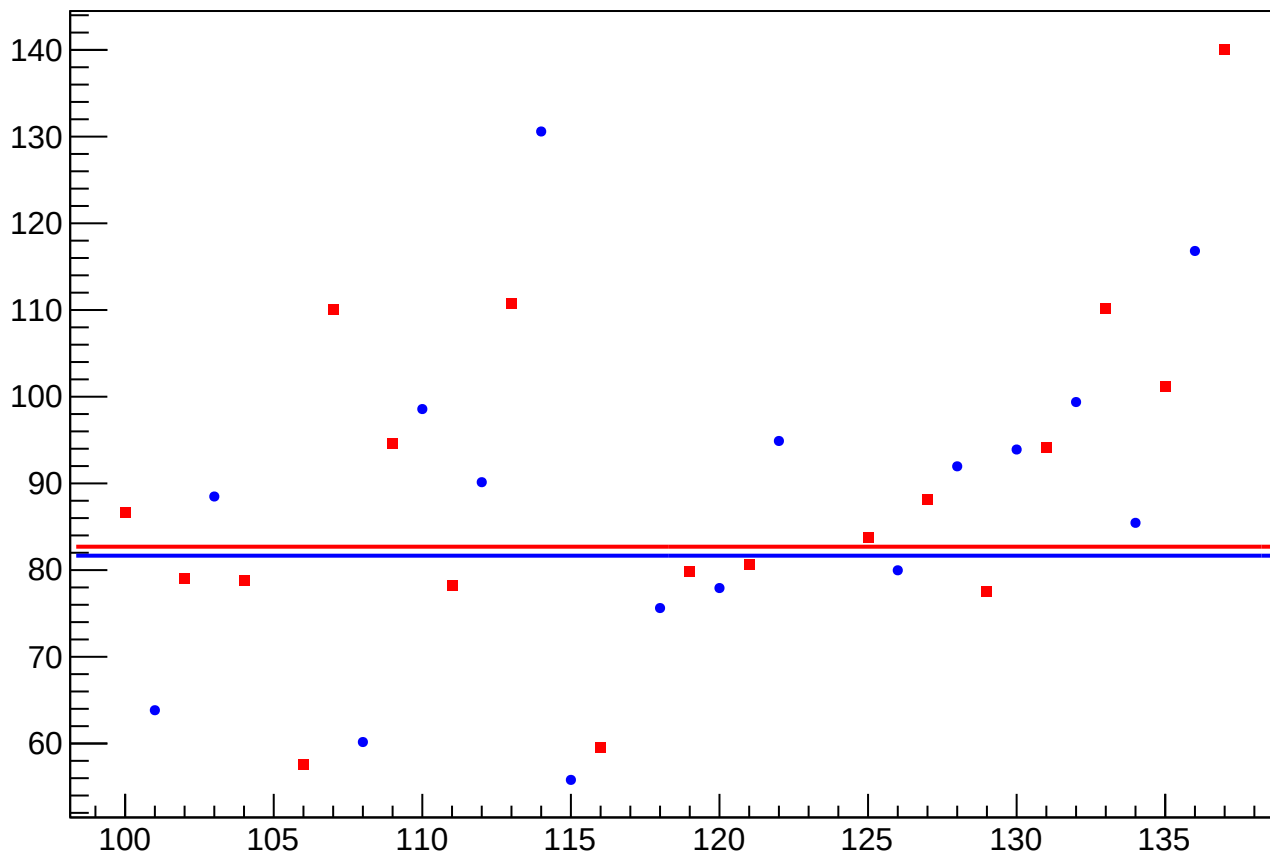
Right: -0.007 ± 0.022 $\chi^2/\text{NDF}: 43.8/33$

In: -0.010 ± 0.032 $\chi^2/\text{NDF}: 20.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.007 ± 0.022 $\chi^2/\text{NDF}: 43.8/33$

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 81.663+/-0.022 χ^2/NDF : 561836.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.700+/-0.022 χ^2/NDF : 473062.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

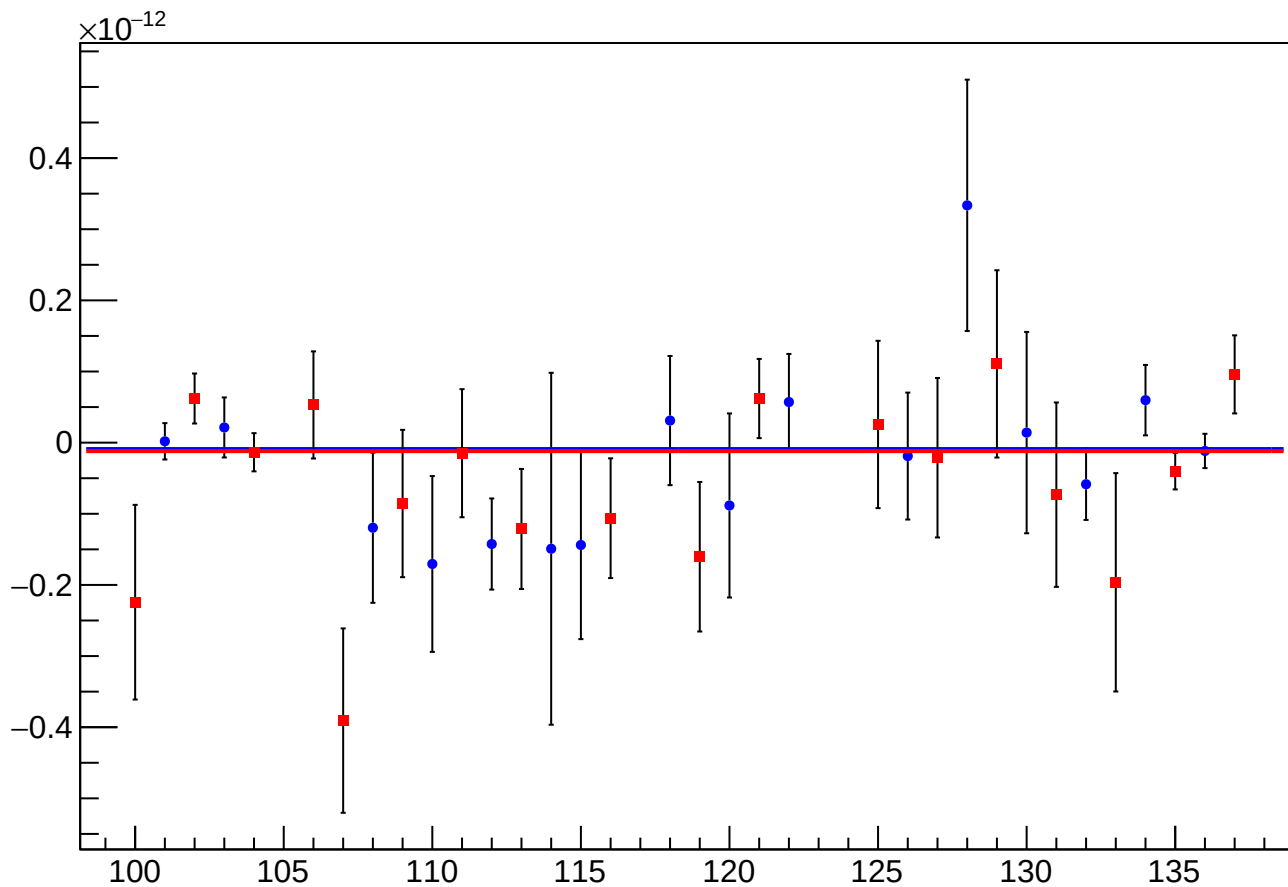
Right: 82.179+/-0.016 χ^2/NDF : 1035971.3/33

In: 81.663+/-0.022 χ^2/NDF : 561836.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.179+/-0.016 χ^2/NDF : 1035971.3/33

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 31.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

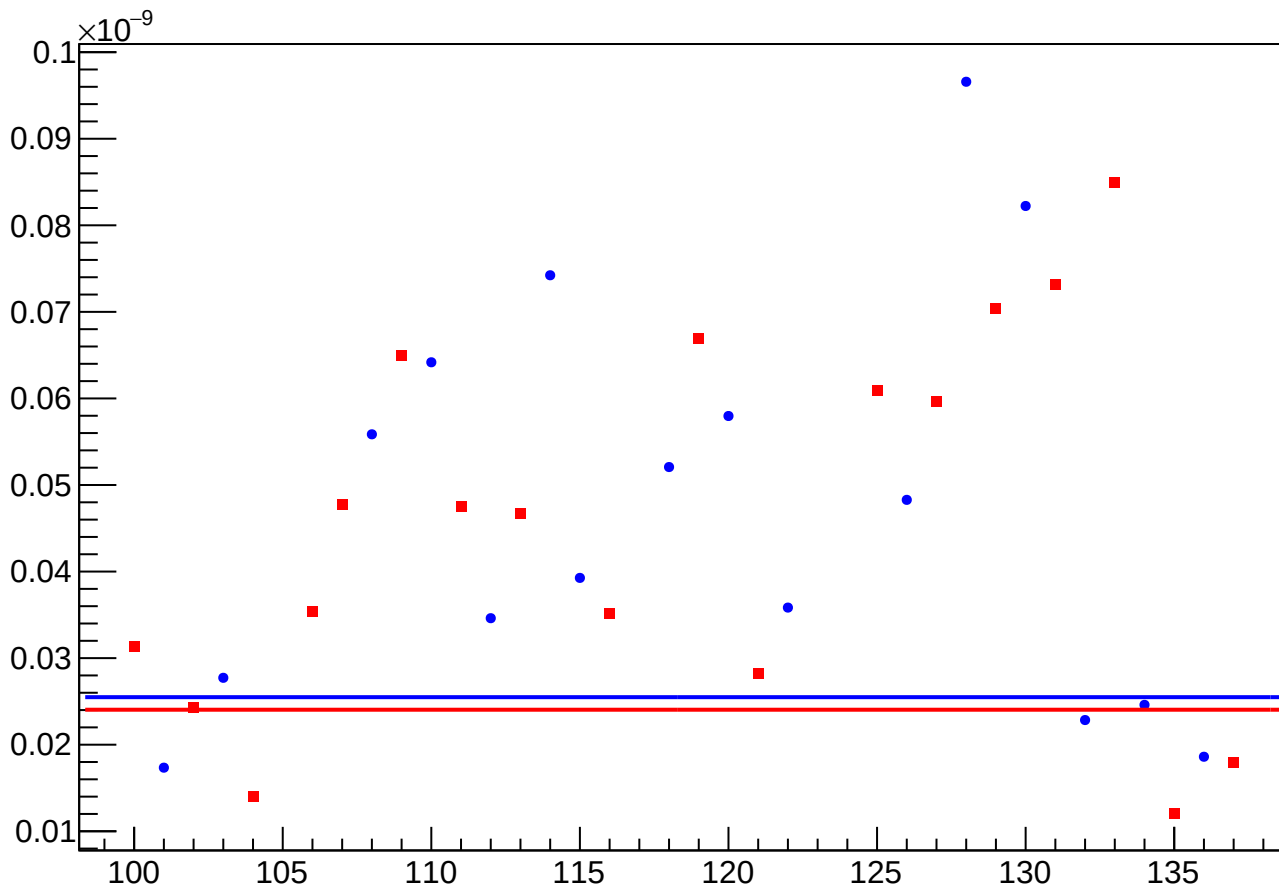
Right: -0.000+/-0.000 χ^2/NDF : 48.5/33

In: -0.000+/-0.000 χ^2/NDF : 17.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 48.5/33

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1999848.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3084598.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

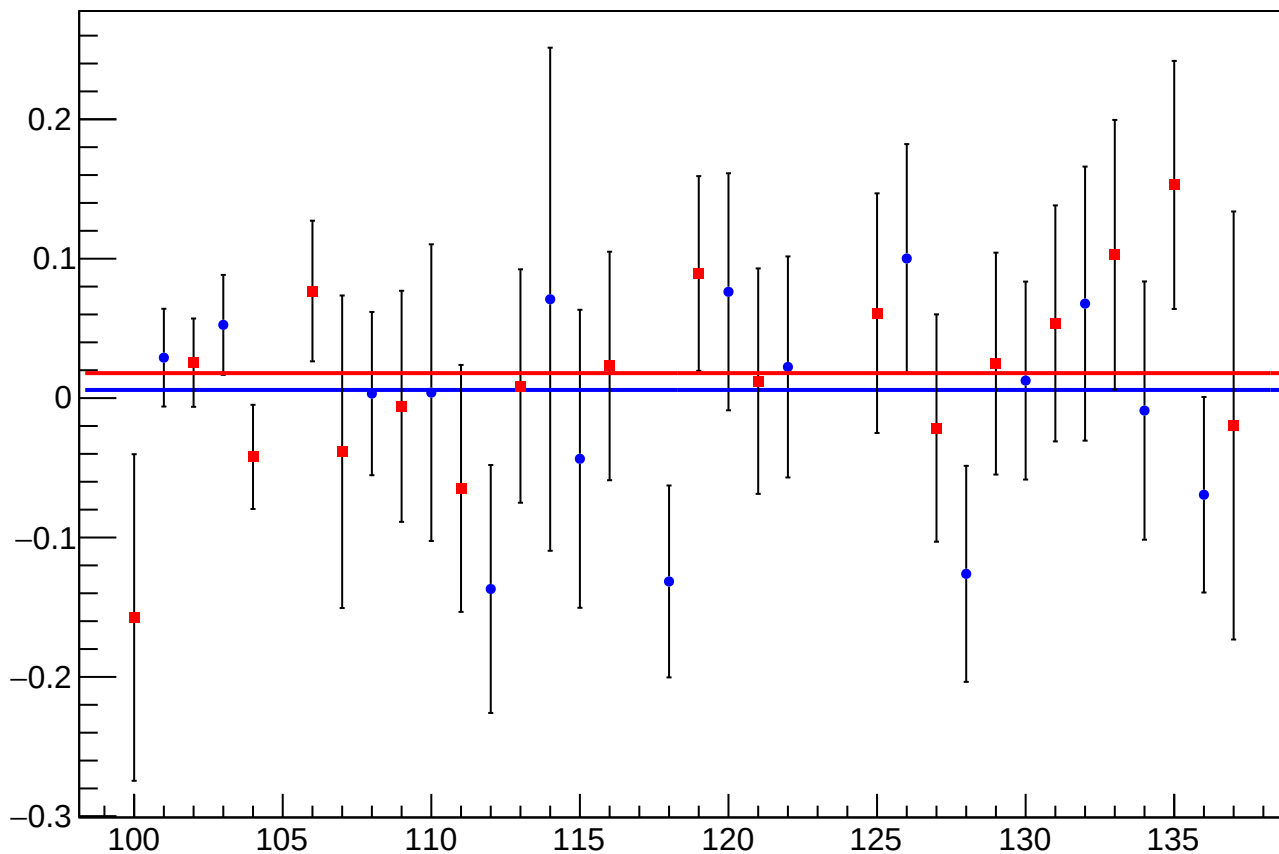
Right: 0.000+/-0.000 χ^2/NDF : 5096304.5/33

In: 0.000+/-0.000 χ^2/NDF : 1999848.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5096304.5/33

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.016 χ^2 /NDF: 12.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

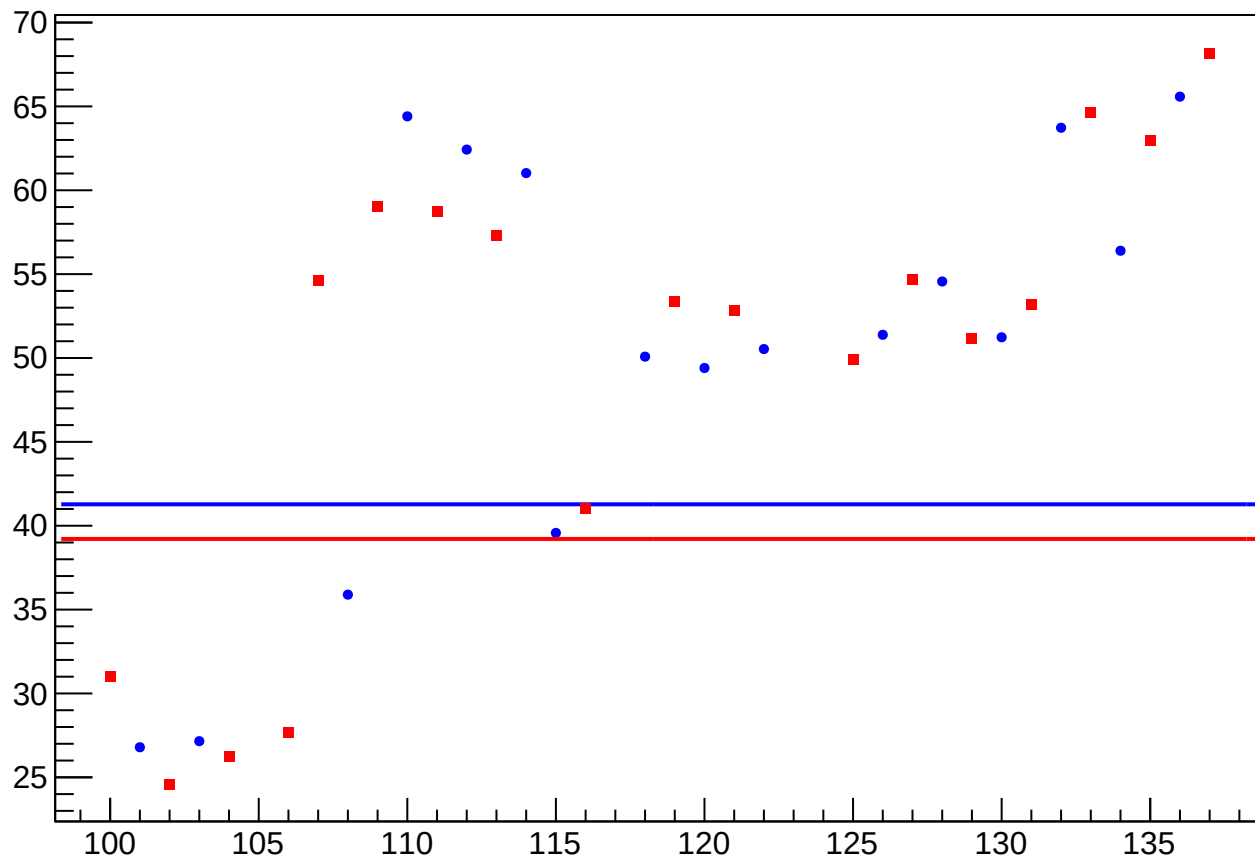
Right: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.2/33

In: 0.006 $\pm$ 0.017 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.2/33

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.277+/-0.012 χ^2/NDF : 1505245.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.212+/-0.011 χ^2/NDF : 1819921.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

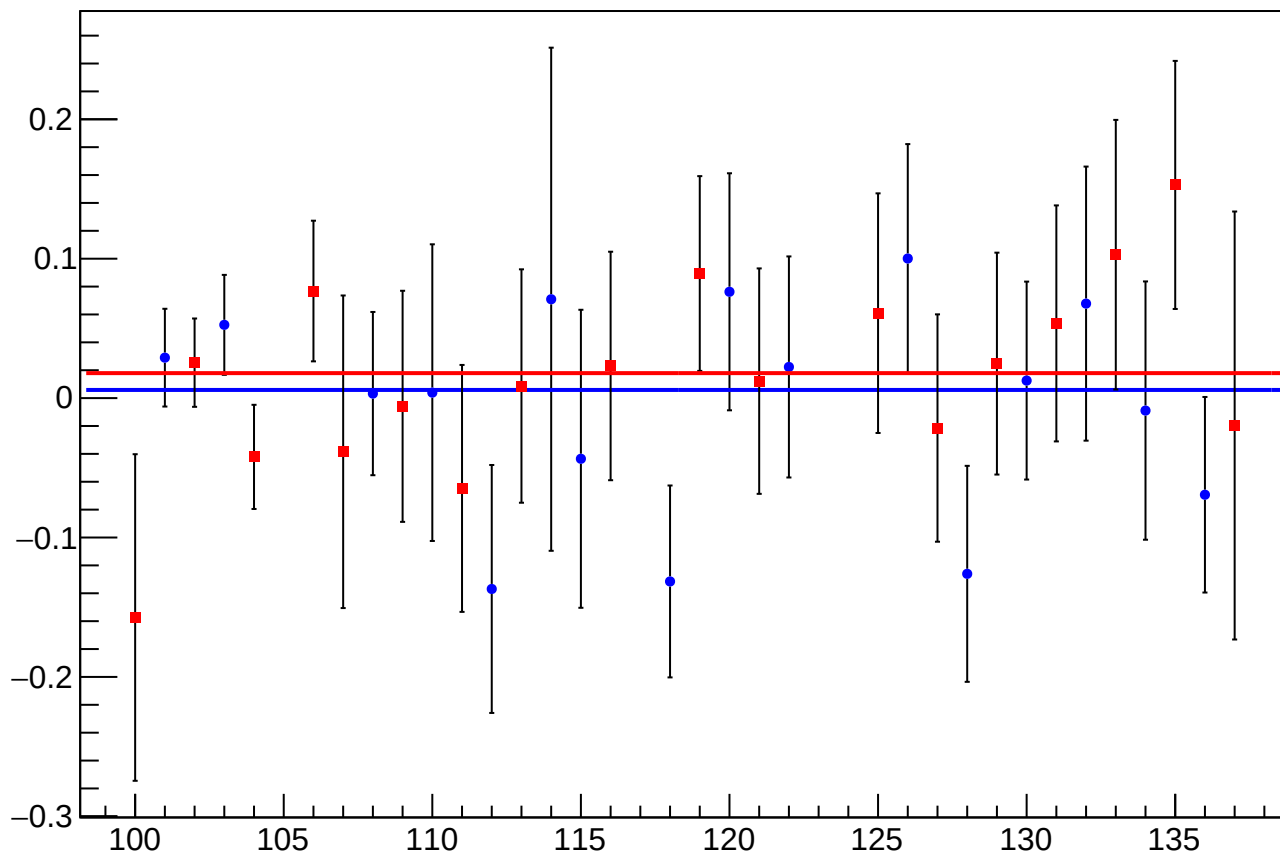
Right: 40.194+/-0.008 χ^2/NDF : 3341542.4/33

In: 41.277+/-0.012 χ^2/NDF :1505245.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.194+/-0.008 χ^2/NDF : 3341542.4/33

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.018 $\pm$ 0.016 χ^2 /NDF: 12.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

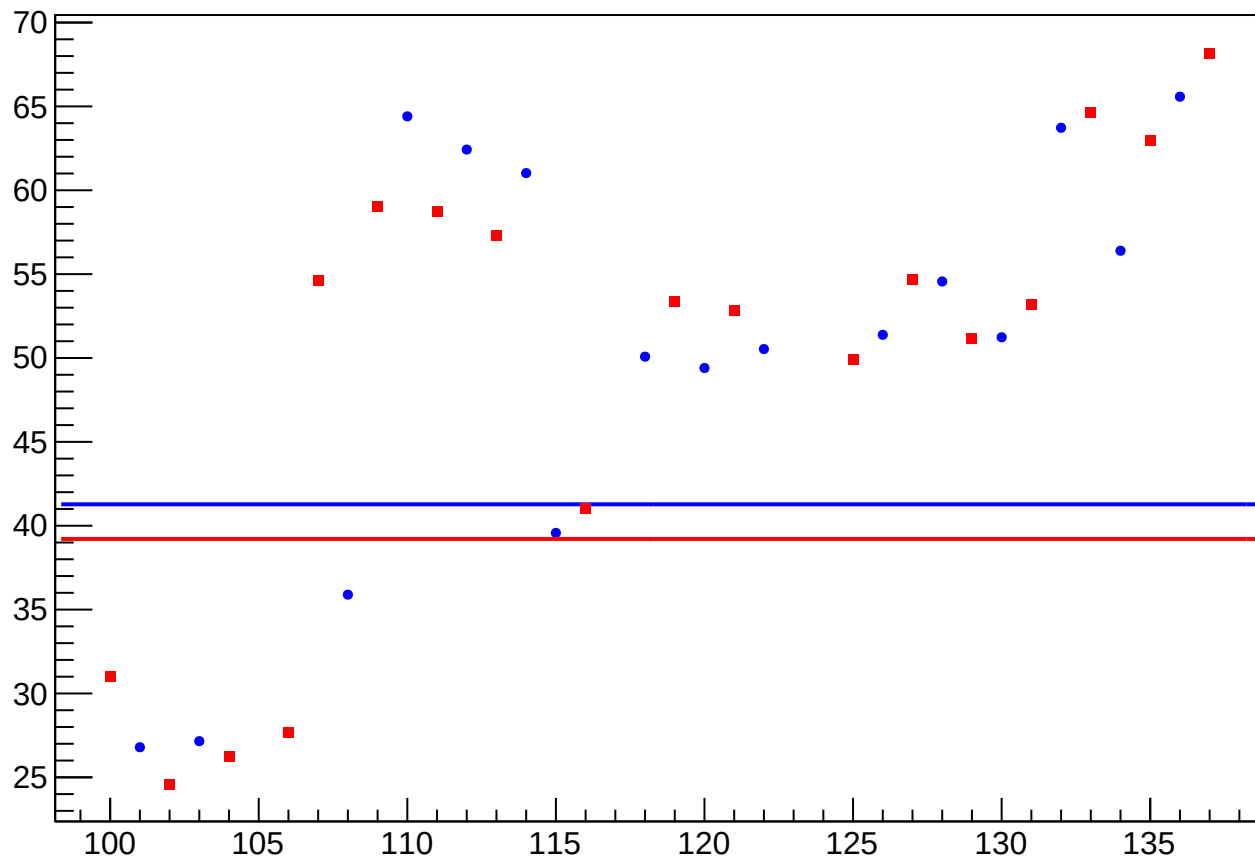
Right: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.2/33

In: 0.006 $\pm$ 0.017 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.2/33

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.277+/-0.012 χ^2/NDF : 1505245.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 39.212+/-0.011 χ^2/NDF : 1819921.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

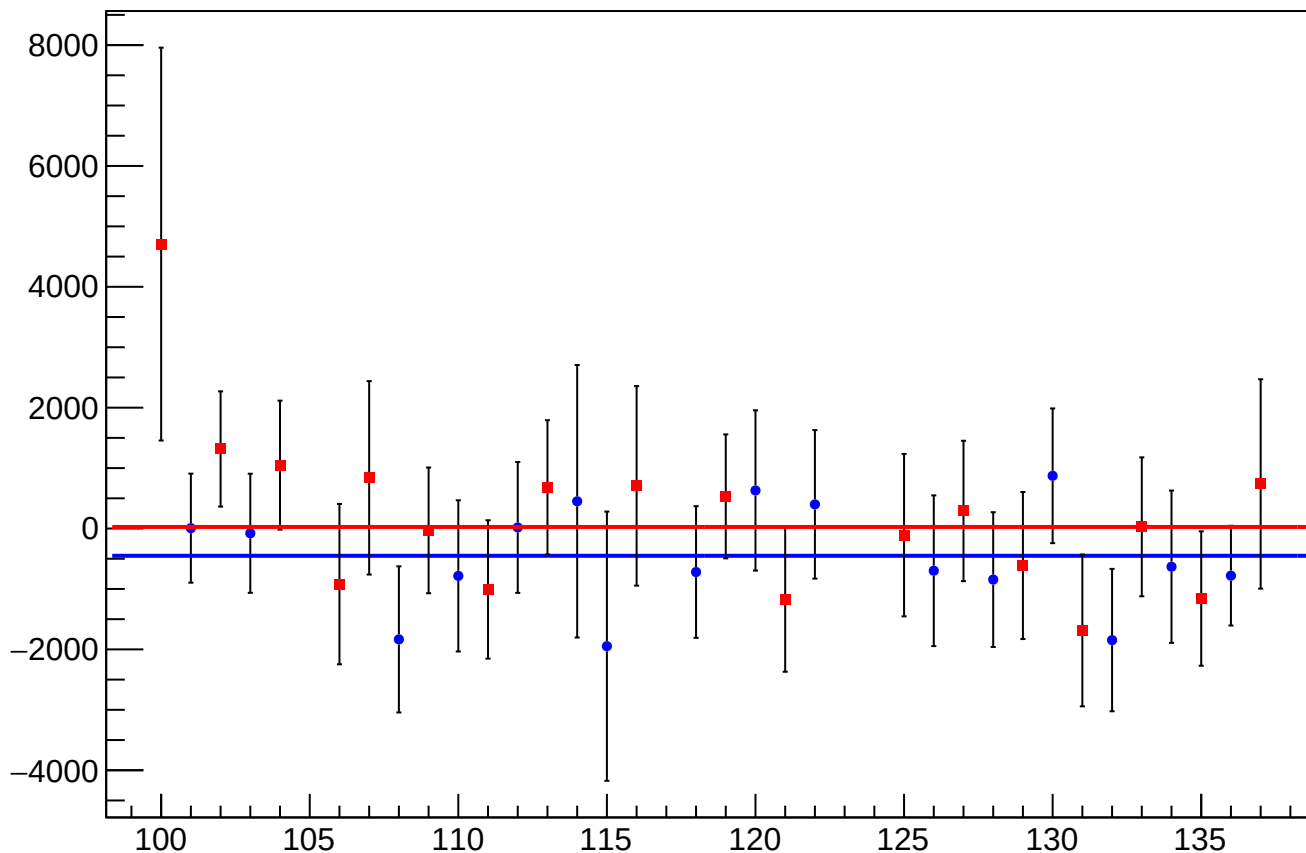
Right: 40.194+/-0.008 χ^2/NDF : 3341542.4/33

In: 41.277+/-0.012 χ^2/NDF :1505245.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.194+/-0.008 χ^2/NDF : 3341542.4/33

reg_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.099+/-288.079 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

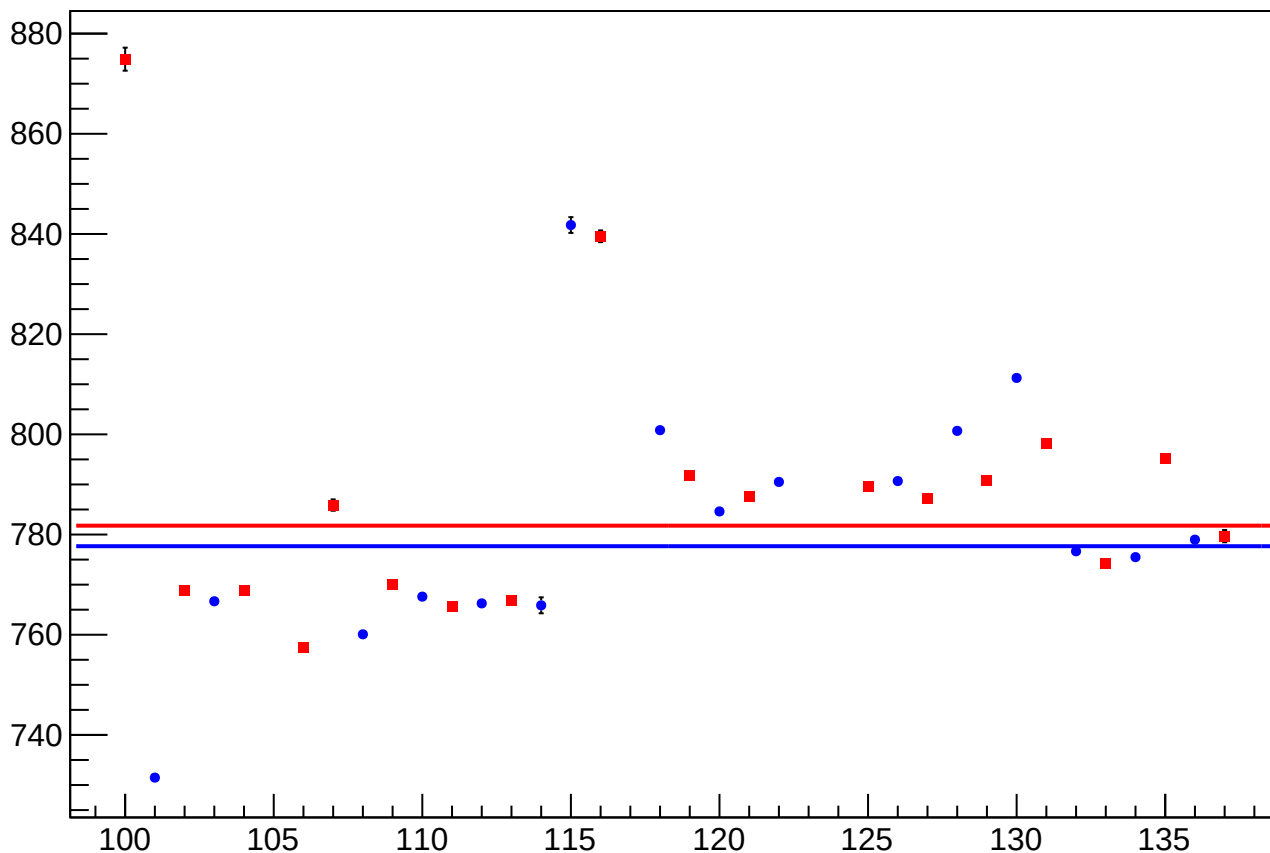
Right: -211.707+/-204.010 χ^2/NDF : 20.0/33

In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.707+/-204.010 χ^2/NDF : 20.0/33

reg_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.674 $\pm$ 0.204 χ^2 /NDF: 12055.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 781.777 $\pm$ 0.204 χ^2 /NDF: 7626.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

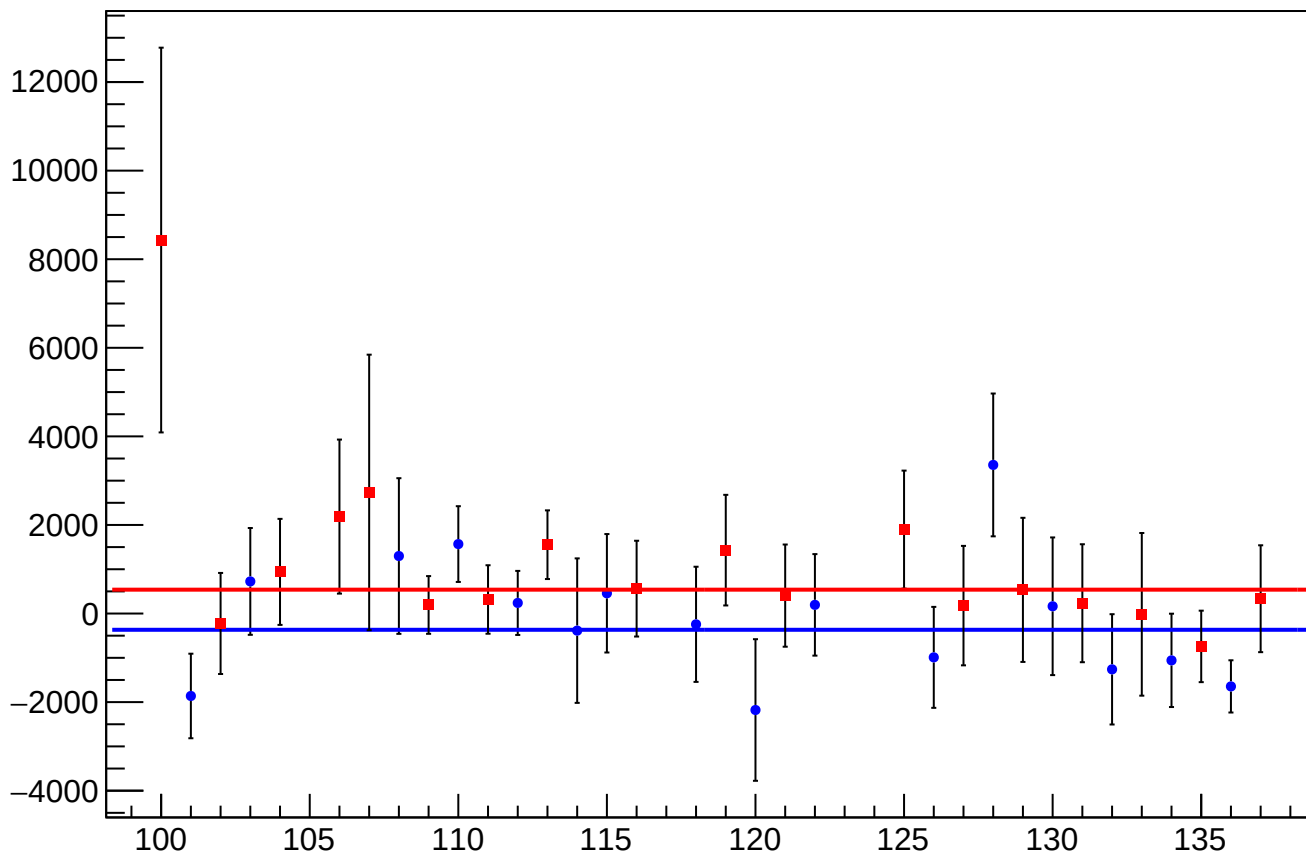
Right: 779.732 $\pm$ 0.144 χ^2 /NDF: 19883.9/33

In: 777.674 $\pm$ 0.204 χ^2 /NDF:12055.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 779.732 $\pm$ 0.144 χ^2 /NDF: 19883.9/33

asym_us_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -367.008 $\pm$ 266.698 χ^2 /NDF: 23.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 538.887 $\pm$ 262.907 χ^2 /NDF: 11.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

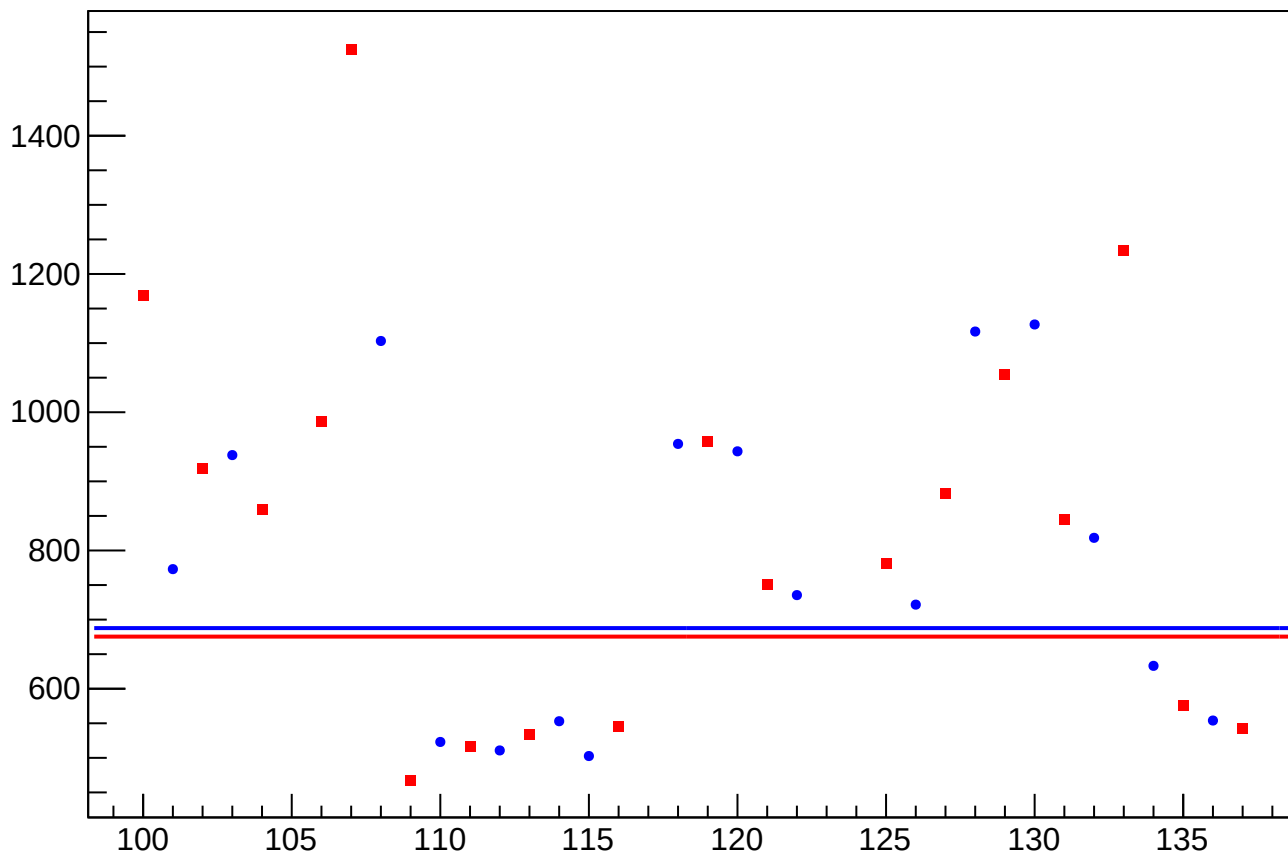
Right: 92.424 $\pm$ 187.229 χ^2 /NDF: 40.8/33

In: -367.008 $\pm$ 266.698 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.424 $\pm$ 187.229 χ^2 /NDF: 40.8/33

asym_us_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 687.717+/-0.189 χ^2/NDF : 1031906.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF : 1313004.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

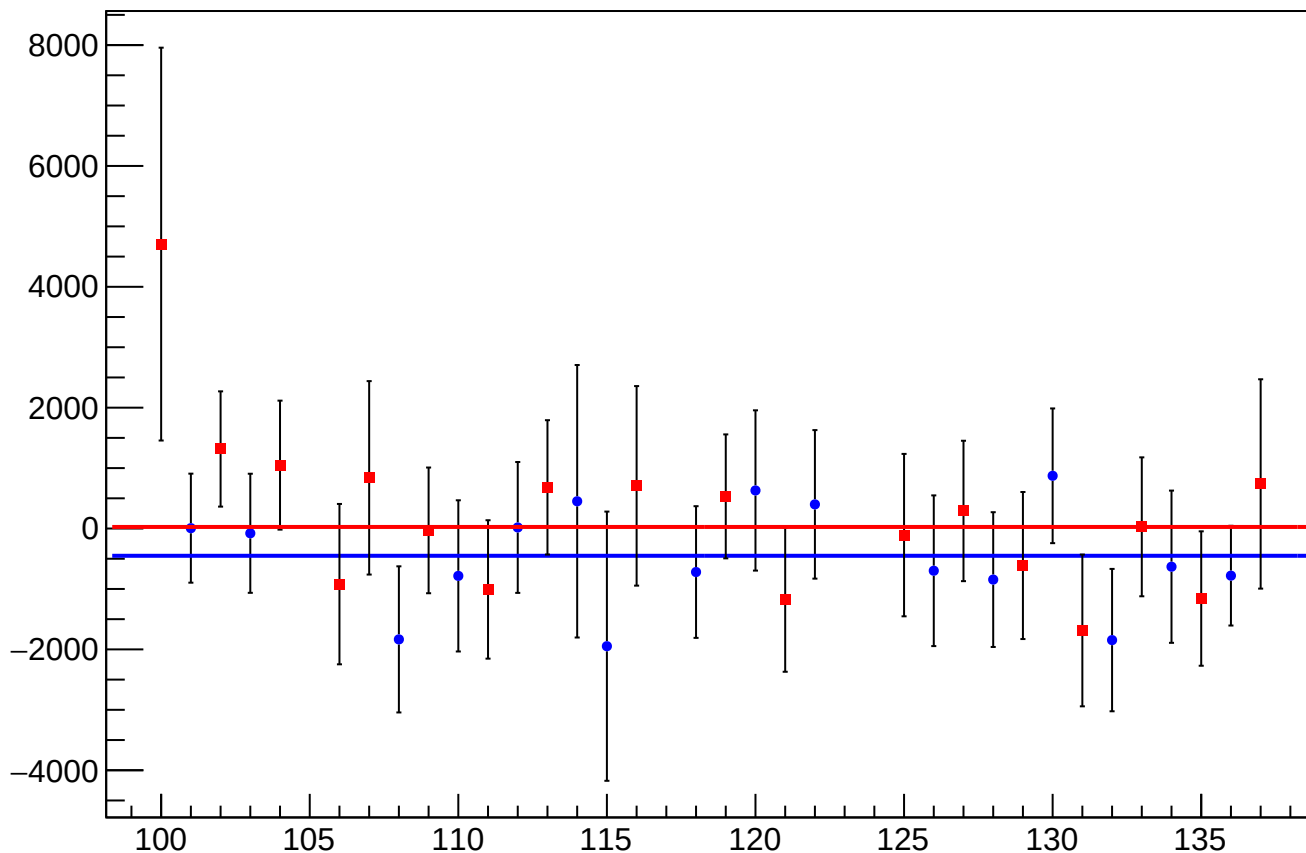
Right: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

In: 687.717+/-0.189 χ^2/NDF : 1031906.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.099+/-288.079 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

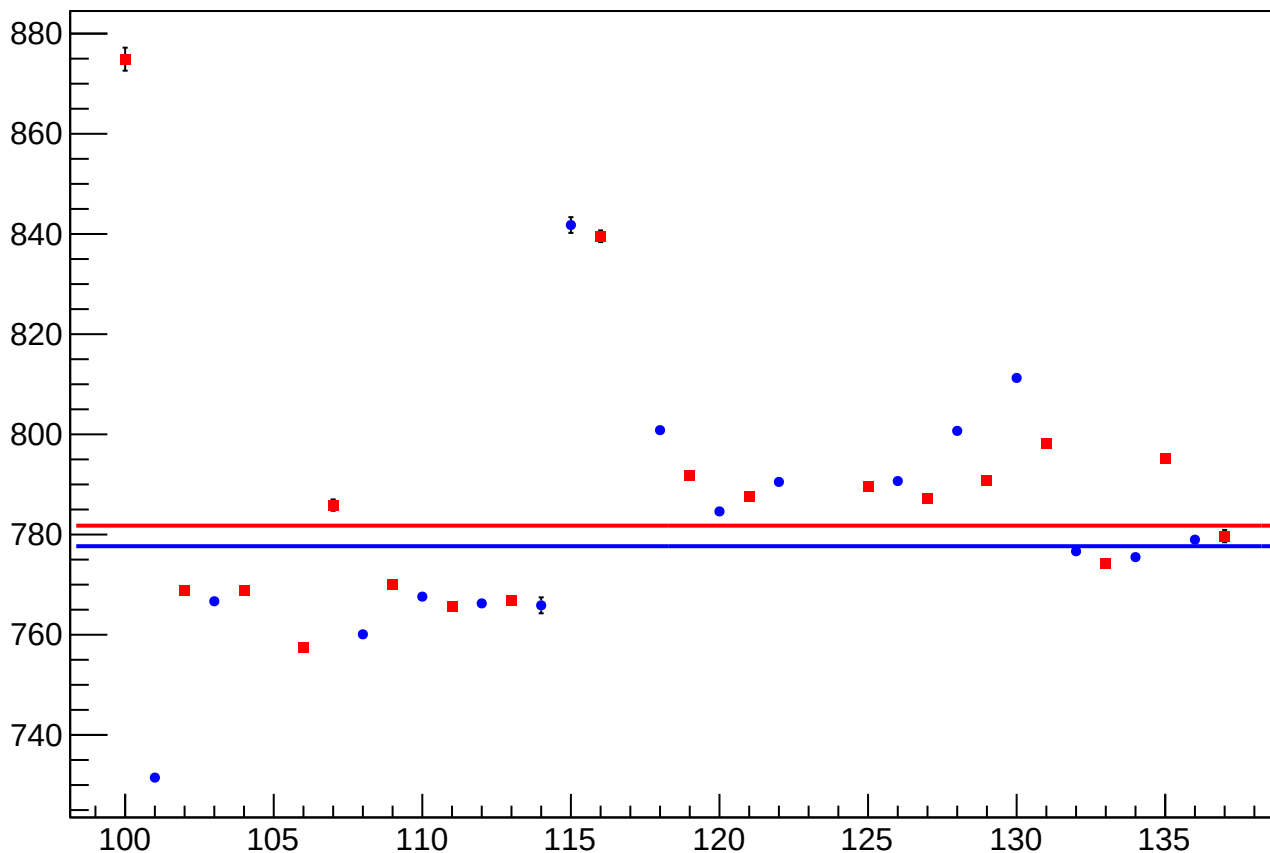
Right: -211.707+/-204.010 χ^2/NDF : 20.0/33

In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.707+/-204.010 χ^2/NDF : 20.0/33

cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.674+/-0.204 χ^2/NDF : 12055.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.777+/-0.204 χ^2/NDF : 7626.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

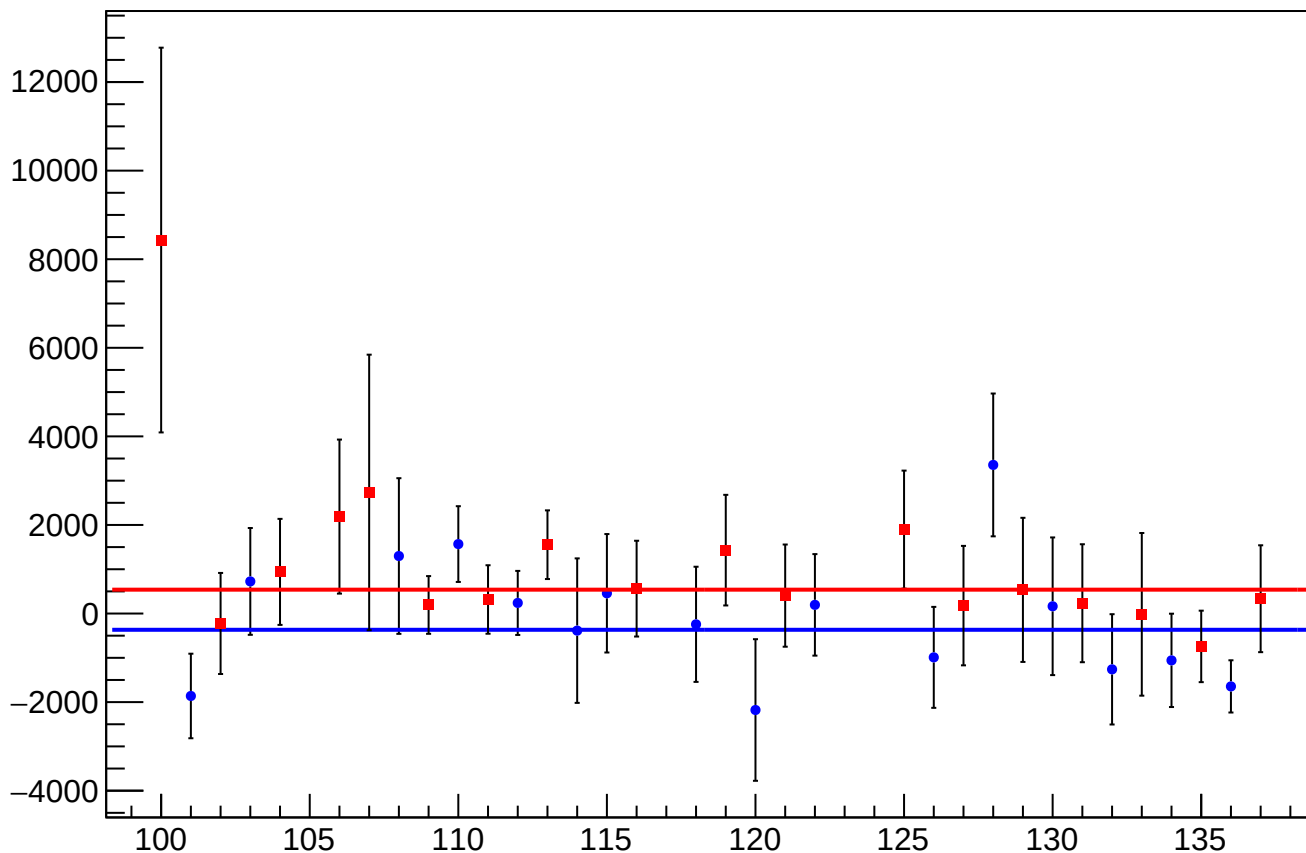
Right: 779.732+/-0.144 χ^2/NDF : 19883.9/33

In: 777.674+/-0.204 χ^2/NDF : 12055.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.732+/-0.144 χ^2/NDF : 19883.9/33

asym_us_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -367.008+/-266.698 χ^2/NDF : 23.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 538.887+/-262.907 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

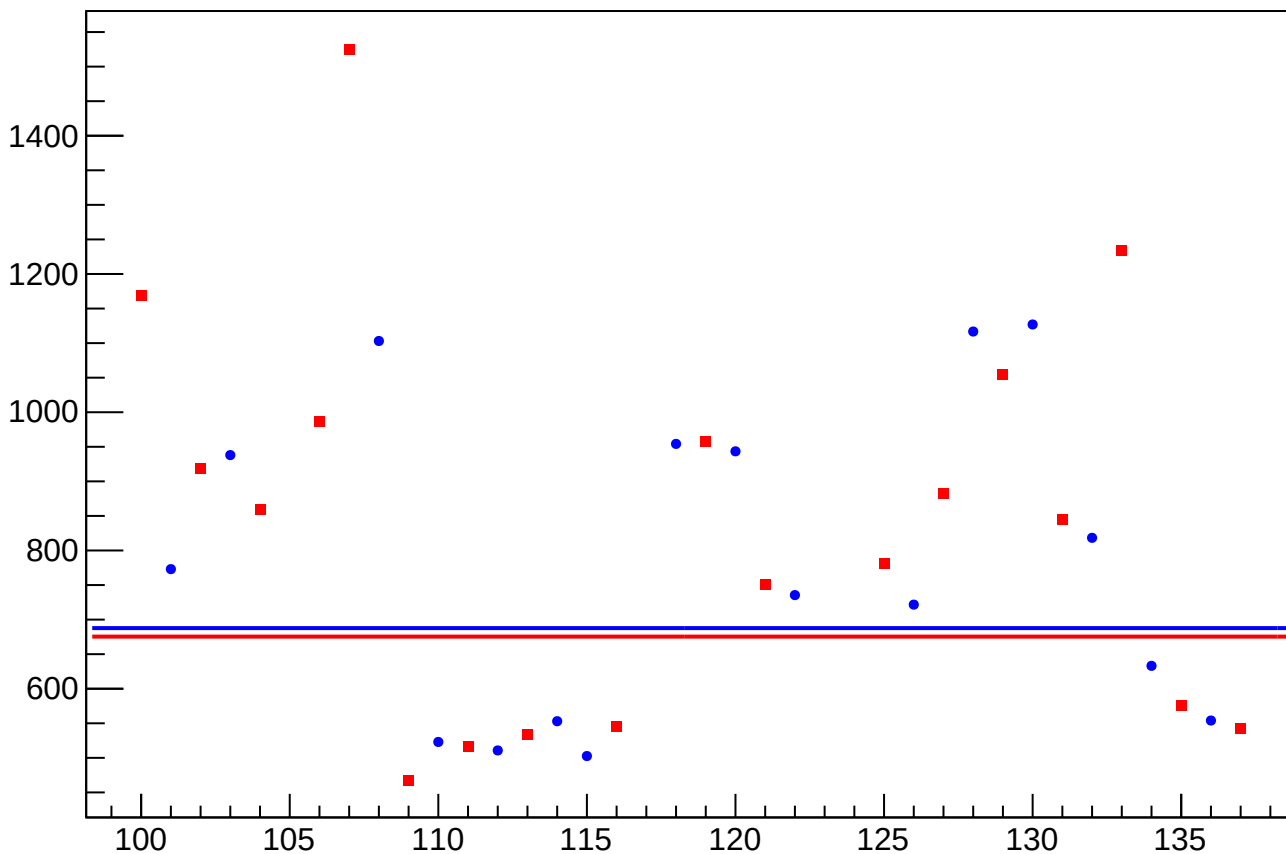
Right: 92.424+/-187.229 χ^2/NDF : 40.8/33

In: -367.008+/-266.698 χ^2/NDF : 23.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.424+/-187.229 χ^2/NDF : 40.8/33

asym_us_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.717+/-0.189 χ^2/NDF : 1031906.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF : 1313004.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

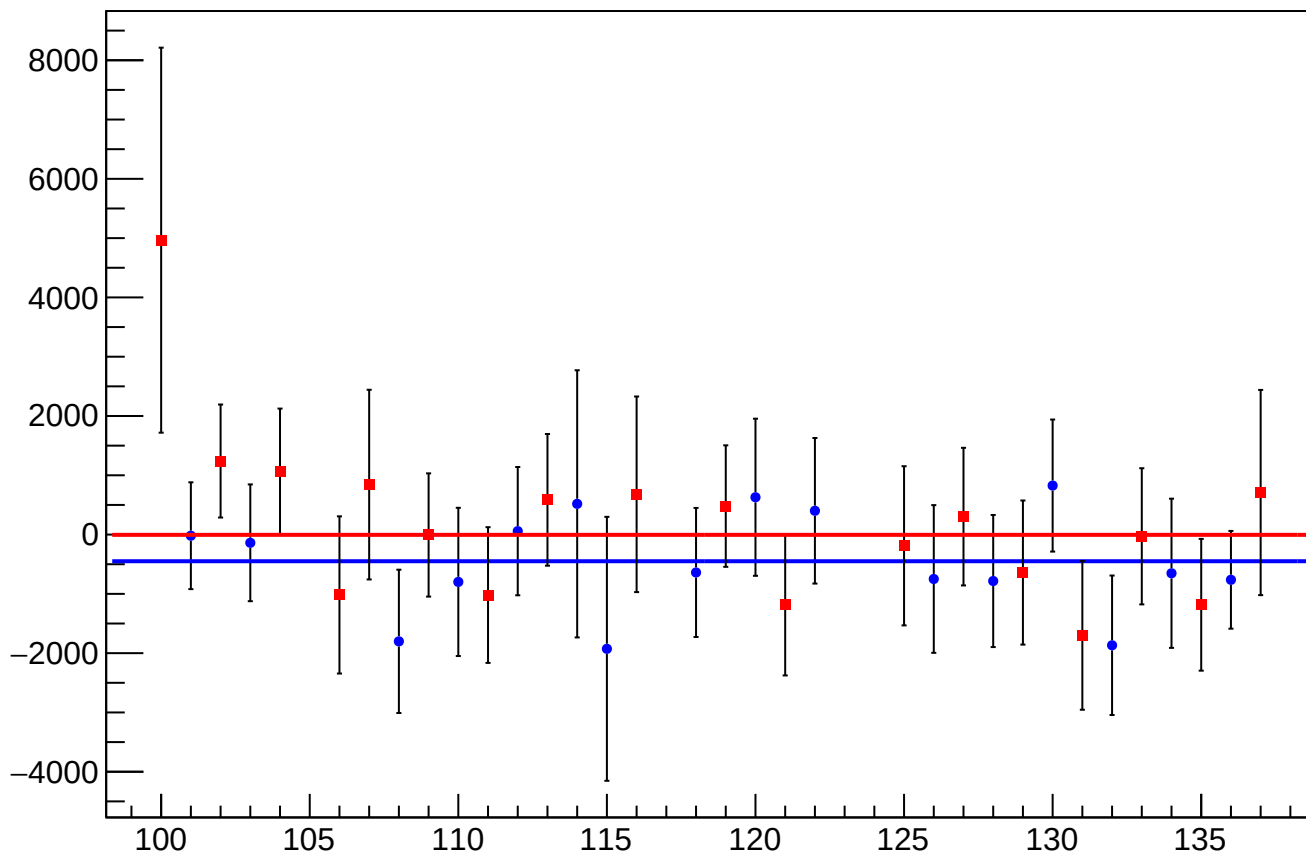
Right: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

In: 687.717+/-0.189 χ^2/NDF :1031906.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

overload_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -449.430+/-288.668 χ^2/NDF : 6.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.645+/-287.815 χ^2/NDF : 11.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

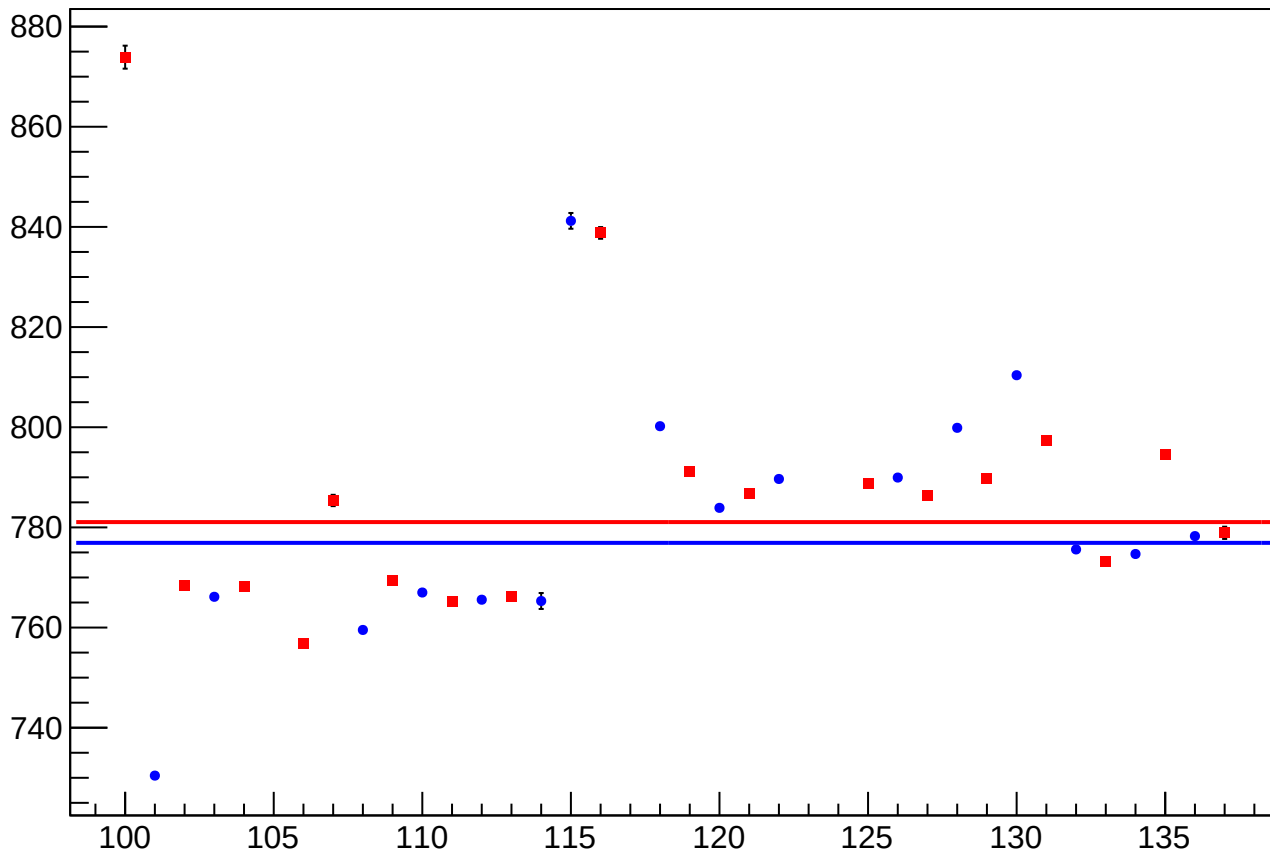
Right: -226.380+/-203.817 χ^2/NDF : 19.8/33

In: -449.430+/-288.668 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.380+/-203.817 χ^2/NDF : 19.8/33

overload_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 776.913+/-0.204 χ^2/NDF : 12123.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.061+/-0.204 χ^2/NDF : 7585.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

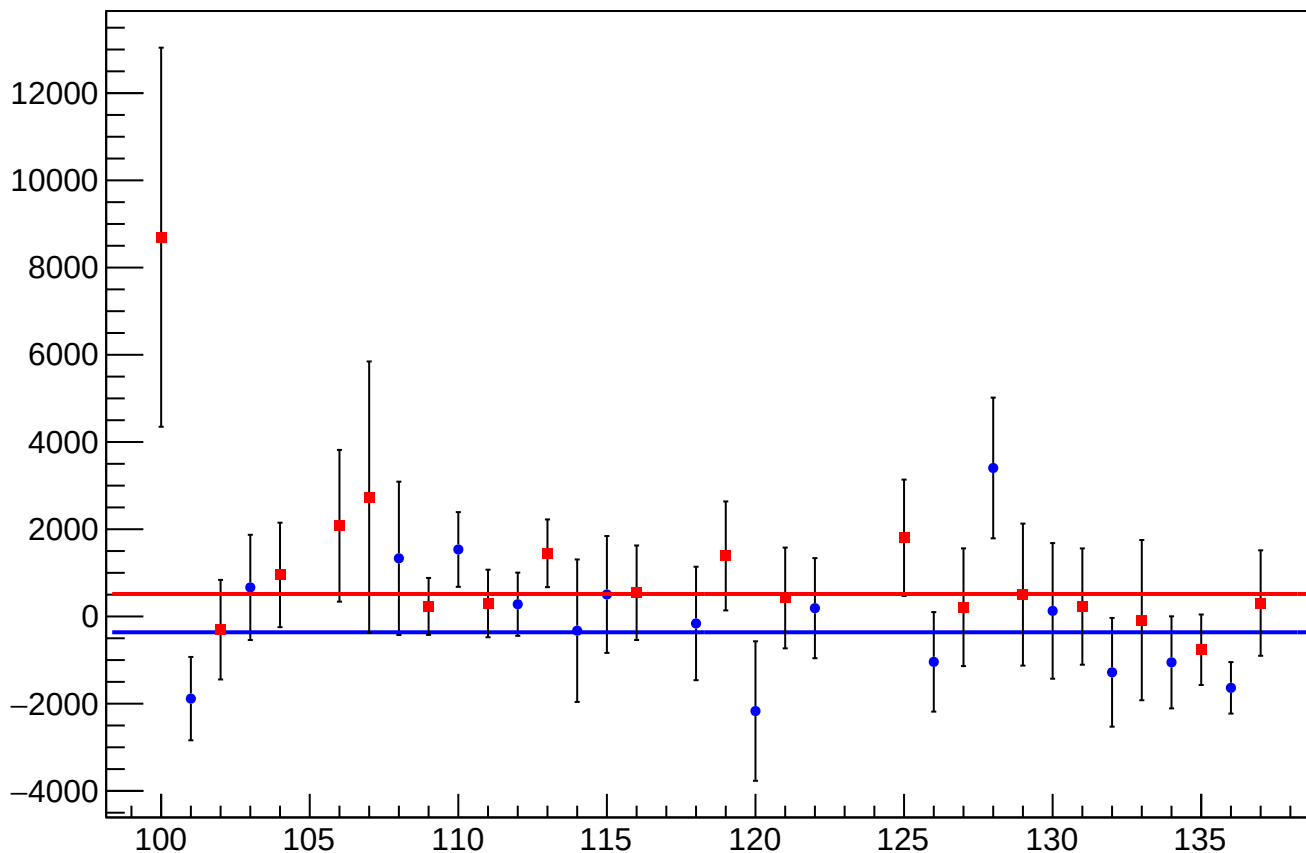
Right: 778.993+/-0.144 χ^2/NDF : 19916.4/33

In: 776.913+/-0.204 χ^2/NDF : 12123.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 778.993+/-0.144 χ^2/NDF : 19916.4/33

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -362.811 $\pm$ 267.086 χ^2 /NDF: 23.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 515.295 $\pm$ 263.302 χ^2 /NDF: 11.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

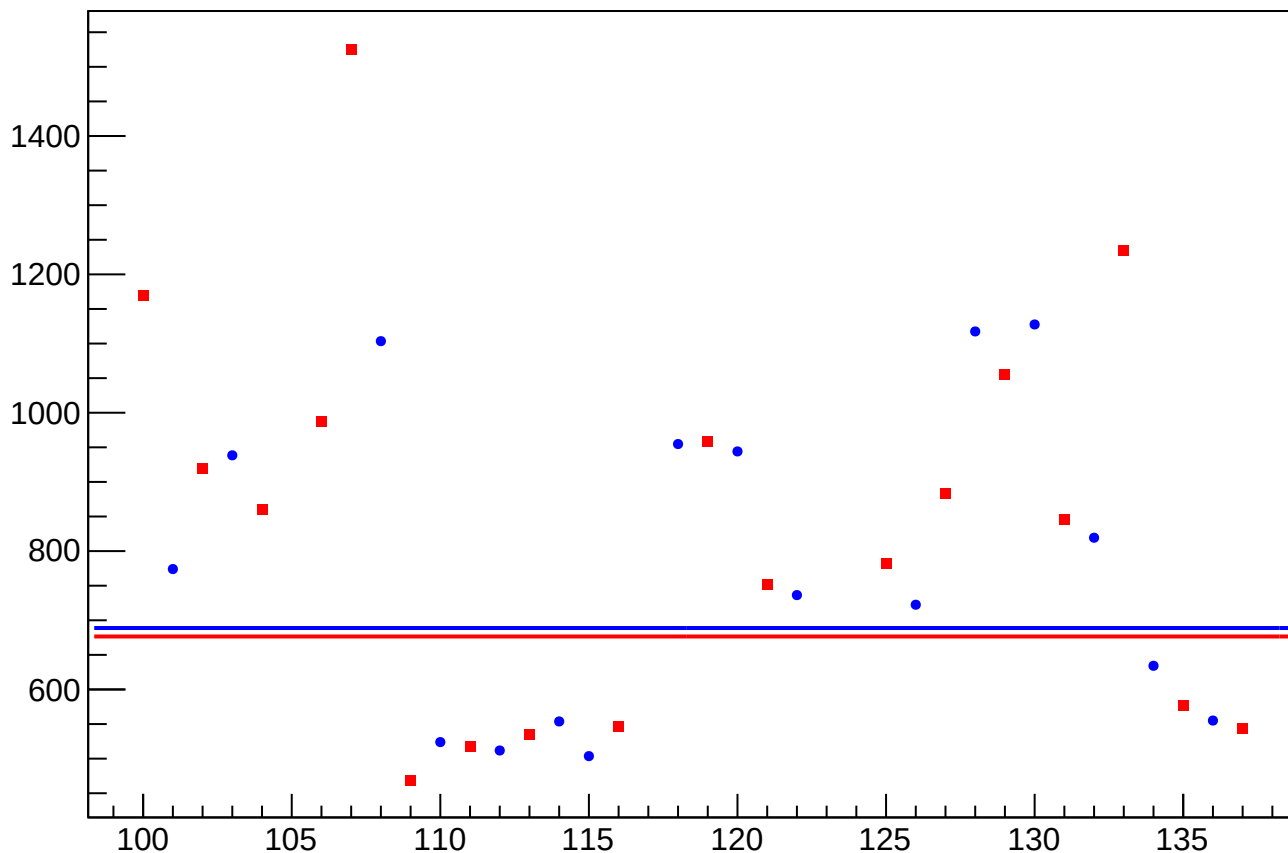
Right: 82.506 $\pm$ 187.506 χ^2 /NDF: 40.2/33

In: -362.811 $\pm$ 267.086 χ^2 /NDF:23.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 82.506 $\pm$ 187.506 χ^2 /NDF: 40.2/33

asym_us_dd_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 688.828+/-0.189 χ^2/NDF : 1028118.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 676.572+/-0.186 χ^2/NDF : 1308036.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

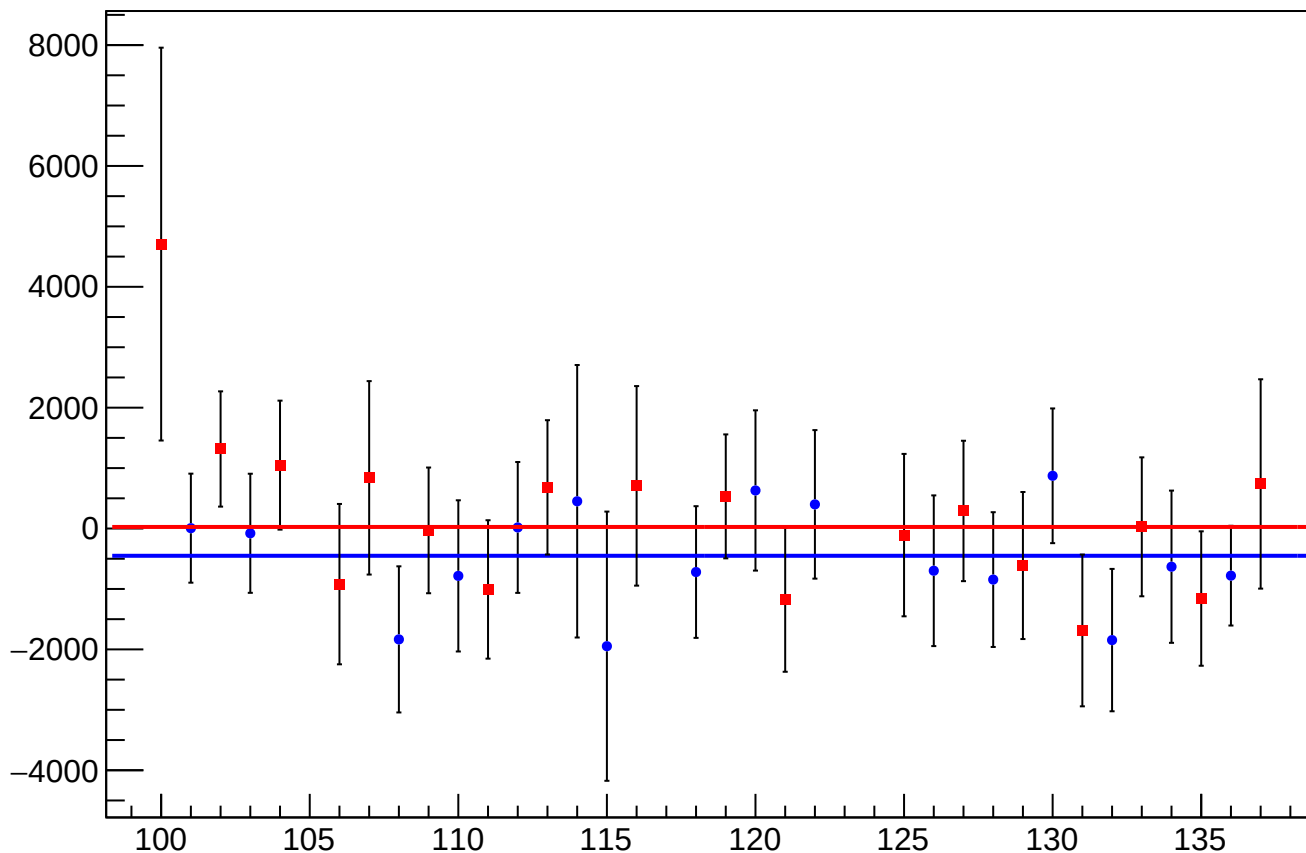
Right: 682.613+/-0.133 χ^2/NDF : 2338290.5/33

In: 688.828+/-0.189 χ^2/NDF : 1028118.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 682.613+/-0.133 χ^2/NDF : 2338290.5/33

eigen_cor_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.099+/-288.079 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

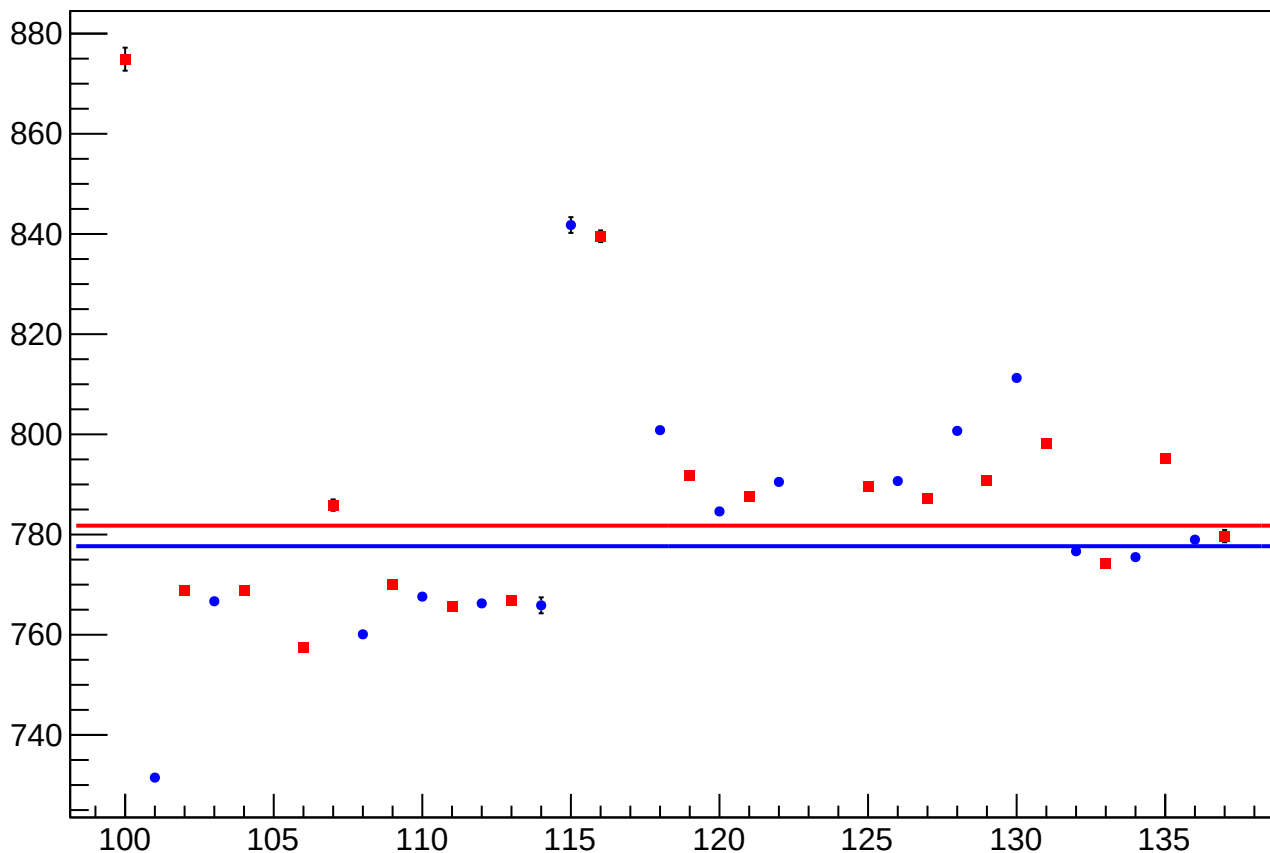
Right: -211.707+/-204.010 χ^2/NDF : 20.0/33

In: -450.953+/-288.950 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -211.707+/-204.010 χ^2/NDF : 20.0/33

eigen_cor_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 777.674+/-0.204 χ^2/NDF : 12055.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 781.777+/-0.204 χ^2/NDF : 7626.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

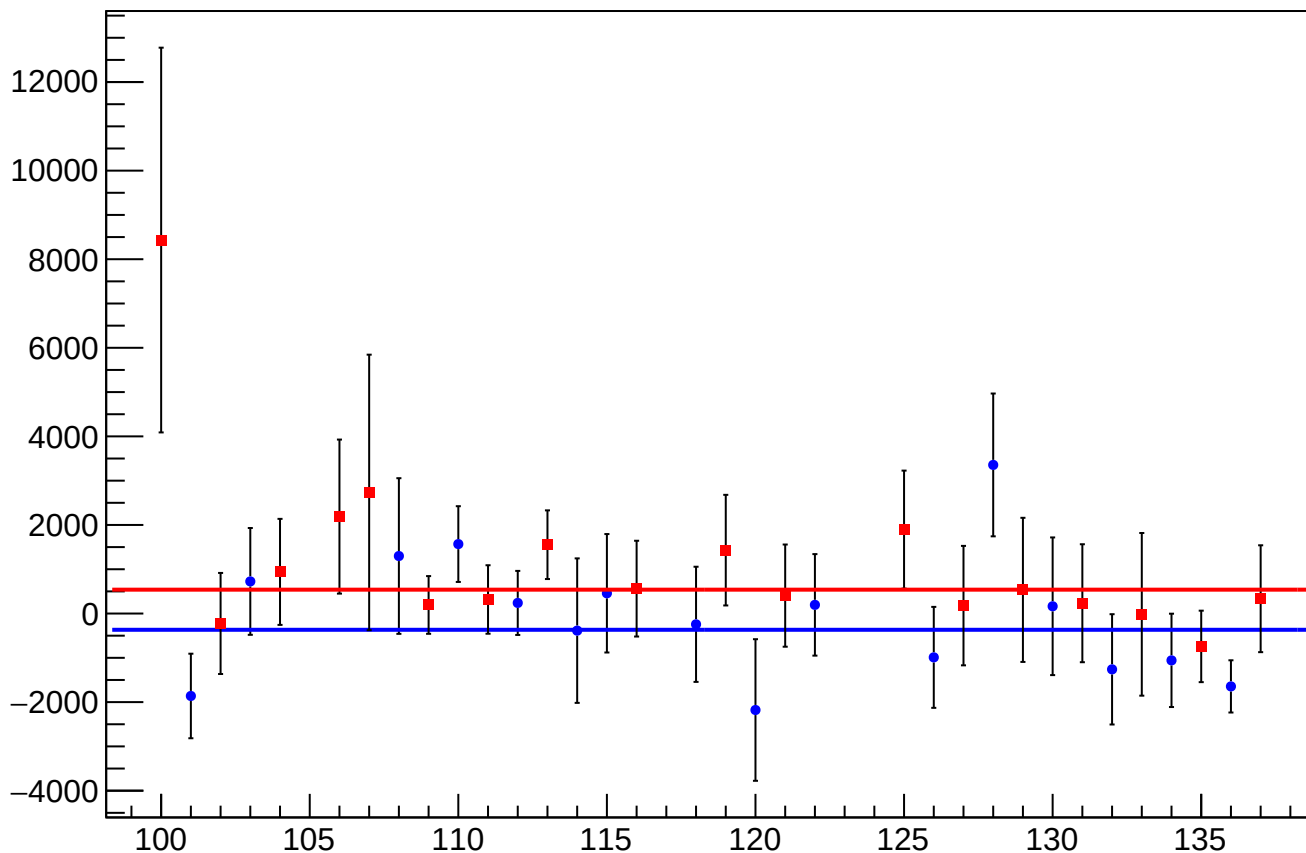
Right: 779.732+/-0.144 χ^2/NDF : 19883.9/33

In: 777.674+/-0.204 χ^2/NDF : 12055.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 779.732+/-0.144 χ^2/NDF : 19883.9/33

asym_us_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -367.008+/-266.698 χ^2/NDF : 23.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 538.887+/-262.907 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

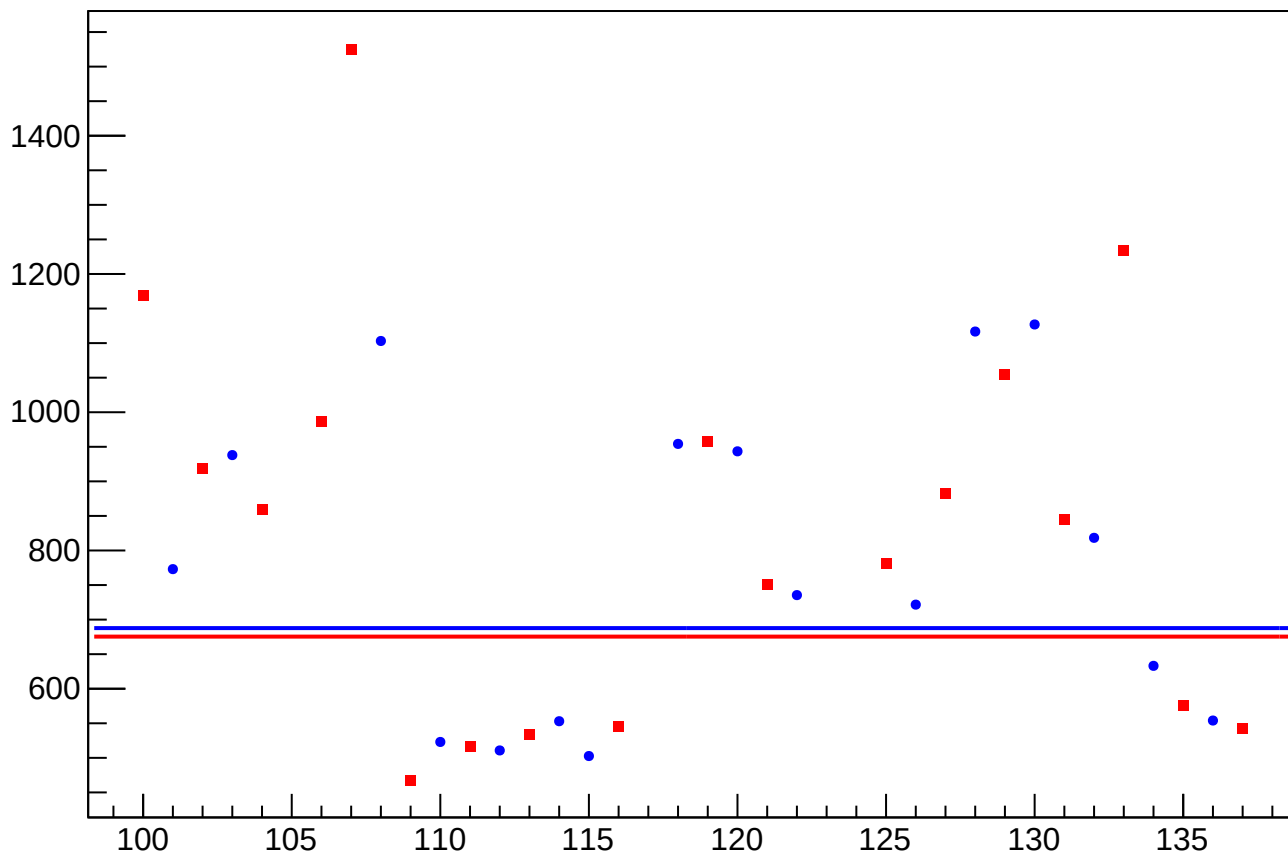
Right: 92.424+/-187.229 χ^2/NDF : 40.8/33

In: -367.008+/-266.698 χ^2/NDF :23.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.424+/-187.229 χ^2/NDF : 40.8/33

asym_us_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 687.717+/-0.189 χ^2/NDF : 1031906.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.410+/-0.186 χ^2/NDF : 1313004.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

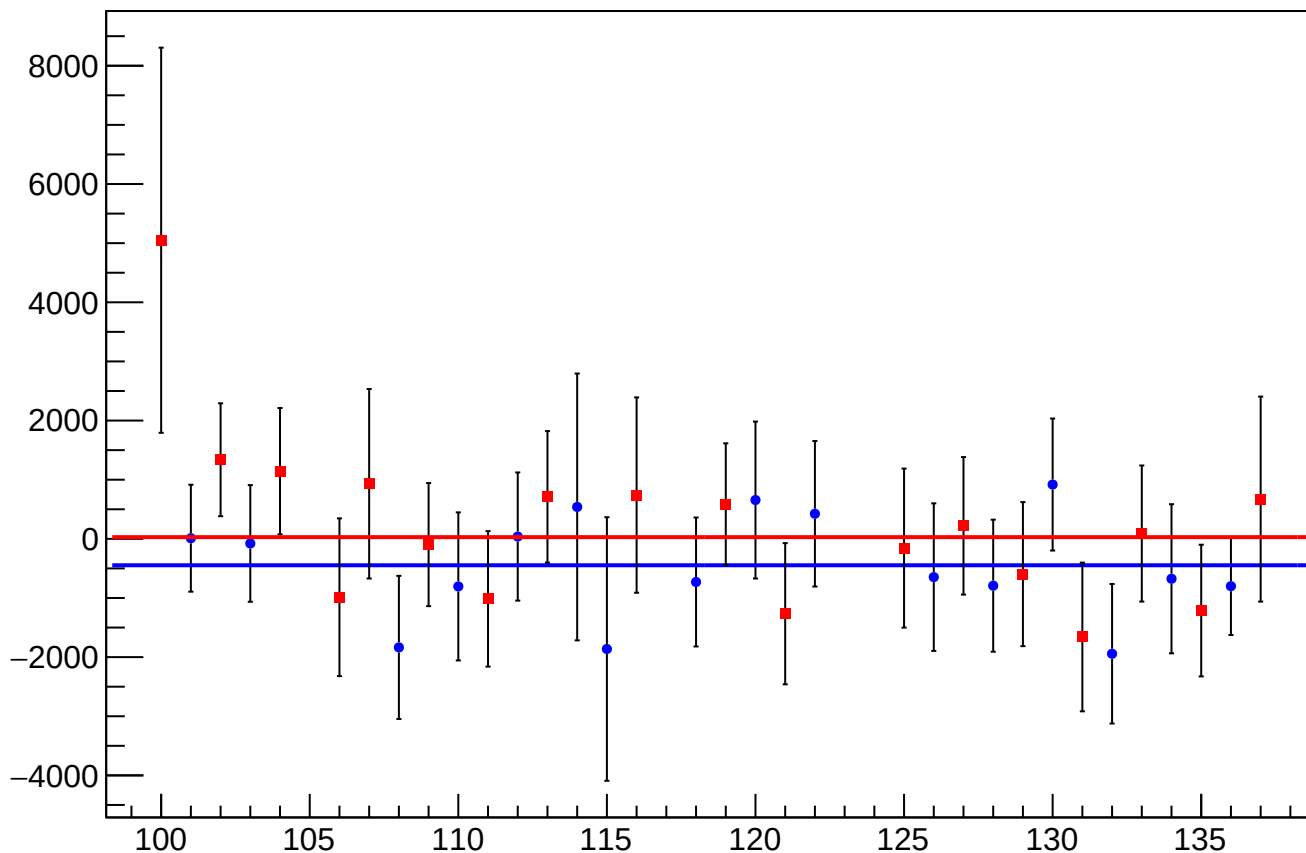
Right: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

In: 687.717+/-0.189 χ^2/NDF : 1031906.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 681.475+/-0.132 χ^2/NDF : 2347071.2/33

dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -446.659 ± 289.238 χ^2/NDF : 7.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 28.787 ± 288.372 χ^2/NDF : 12.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

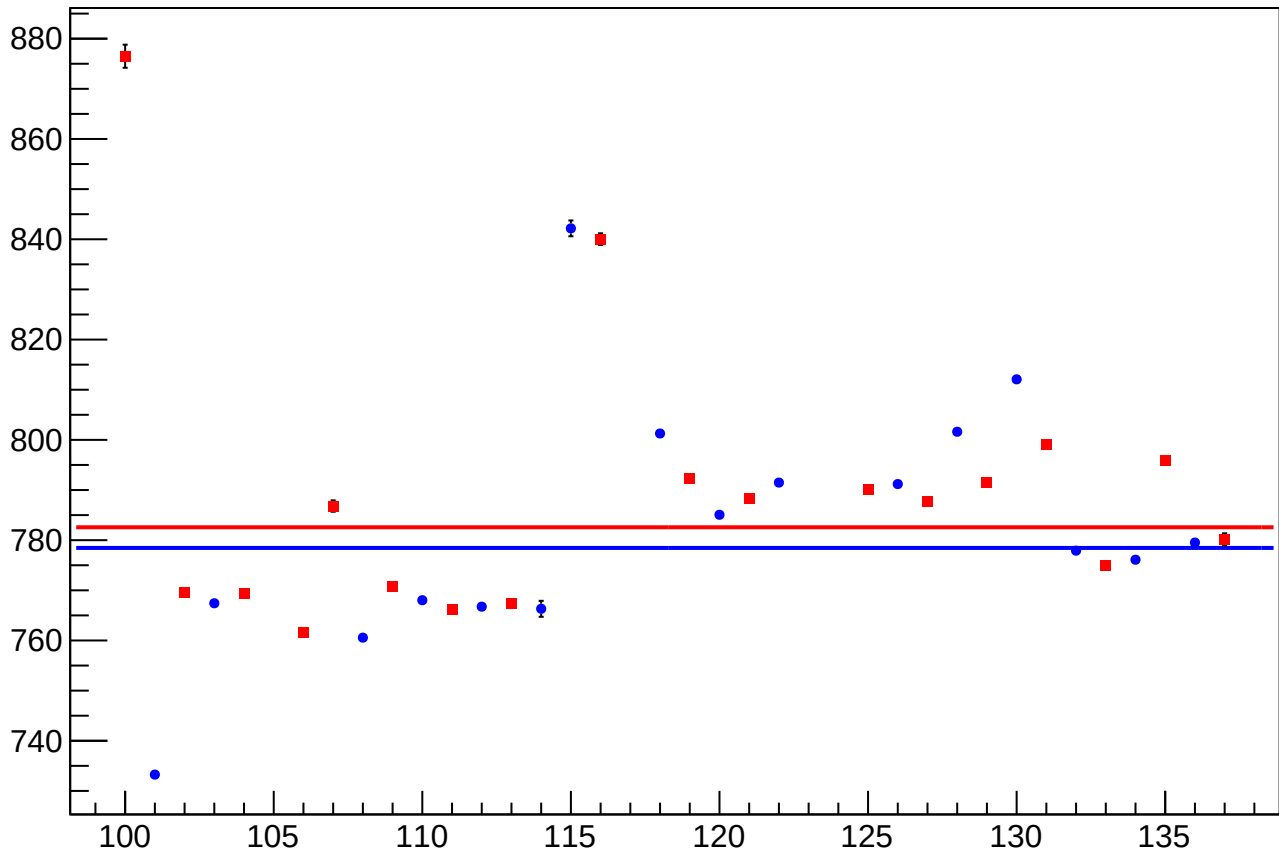
Right: -208.223 ± 204.216 χ^2/NDF : 21.3/33

In: -446.659 ± 289.238 χ^2/NDF : 7.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -208.223 ± 204.216 χ^2/NDF : 21.3/33

dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.456+/-0.205 χ^2/NDF : 11795.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 782.575+/-0.204 χ^2/NDF : 7481.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

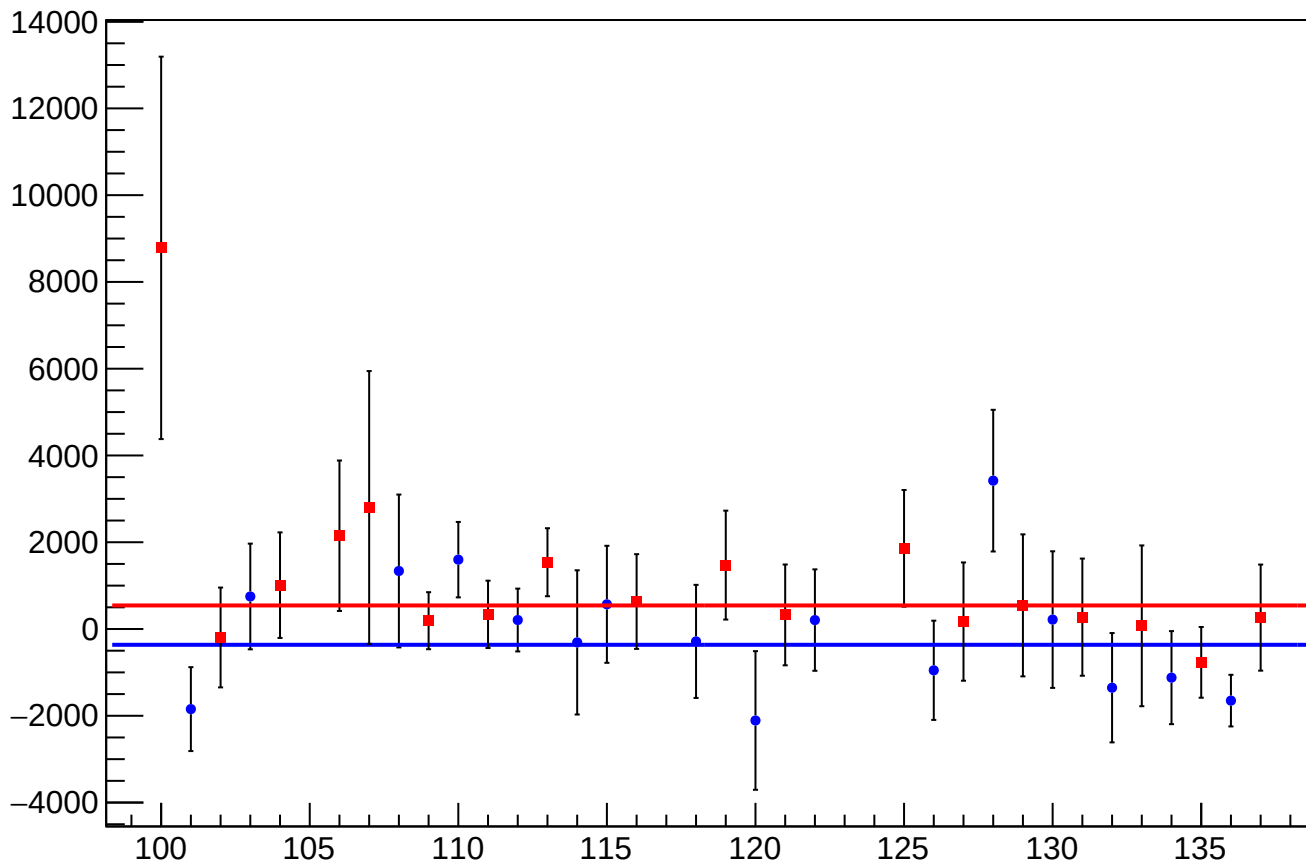
Right: 780.522+/-0.144 χ^2/NDF : 19480.1/33

In: 778.456+/-0.205 χ^2/NDF : 11795.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.522+/-0.144 χ^2/NDF : 19480.1/33

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -363.977+/-269.316 χ^2 /NDF: 23.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 542.879+/-265.273 χ^2 /NDF: 11.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

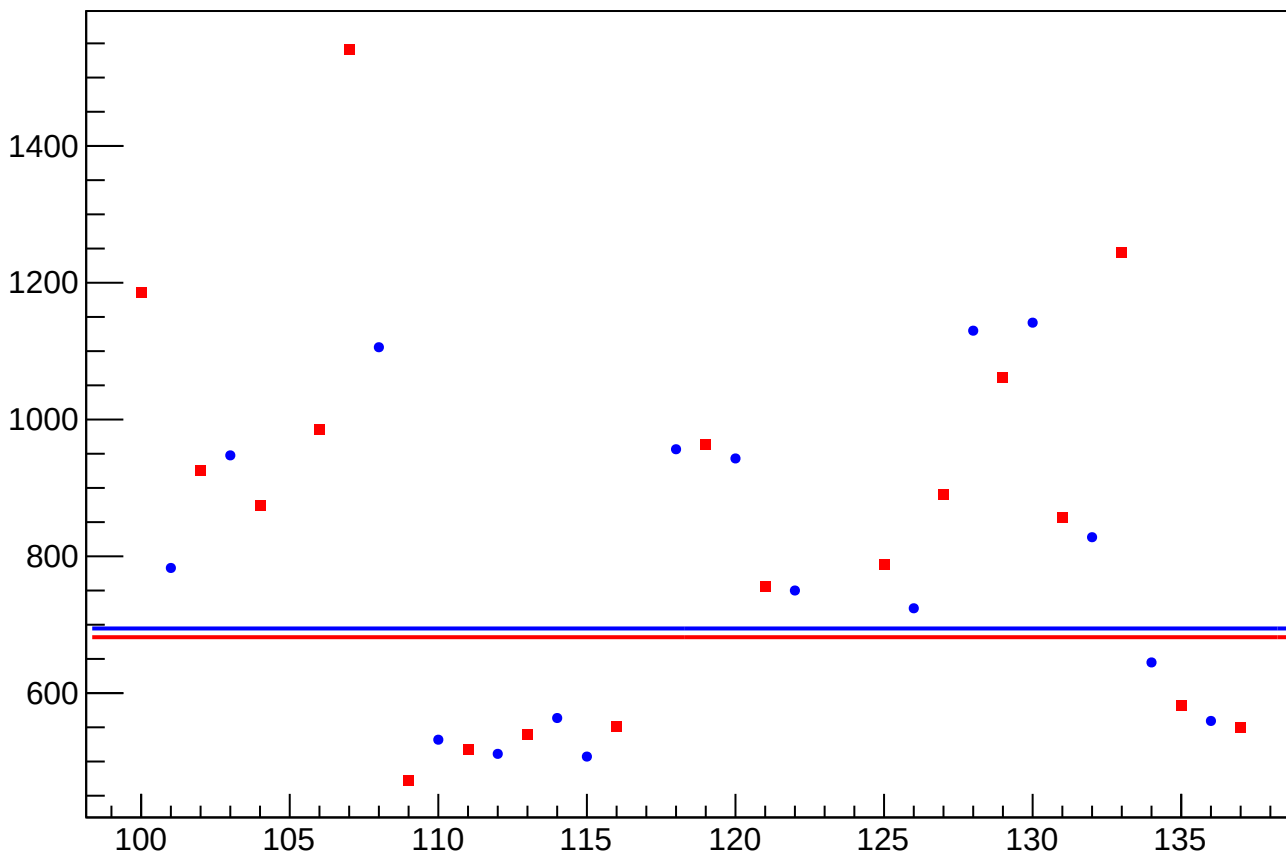
Right: 96.308+/-188.989 χ^2 /NDF: 40.8/33

In: -363.977+/-269.316 χ^2 /NDF:23.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 96.308+/-188.989 χ^2 /NDF: 40.8/33

asym_us_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 694.522+/-0.190 χ^2/NDF : 1029884.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.744+/-0.188 χ^2/NDF : 1311322.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

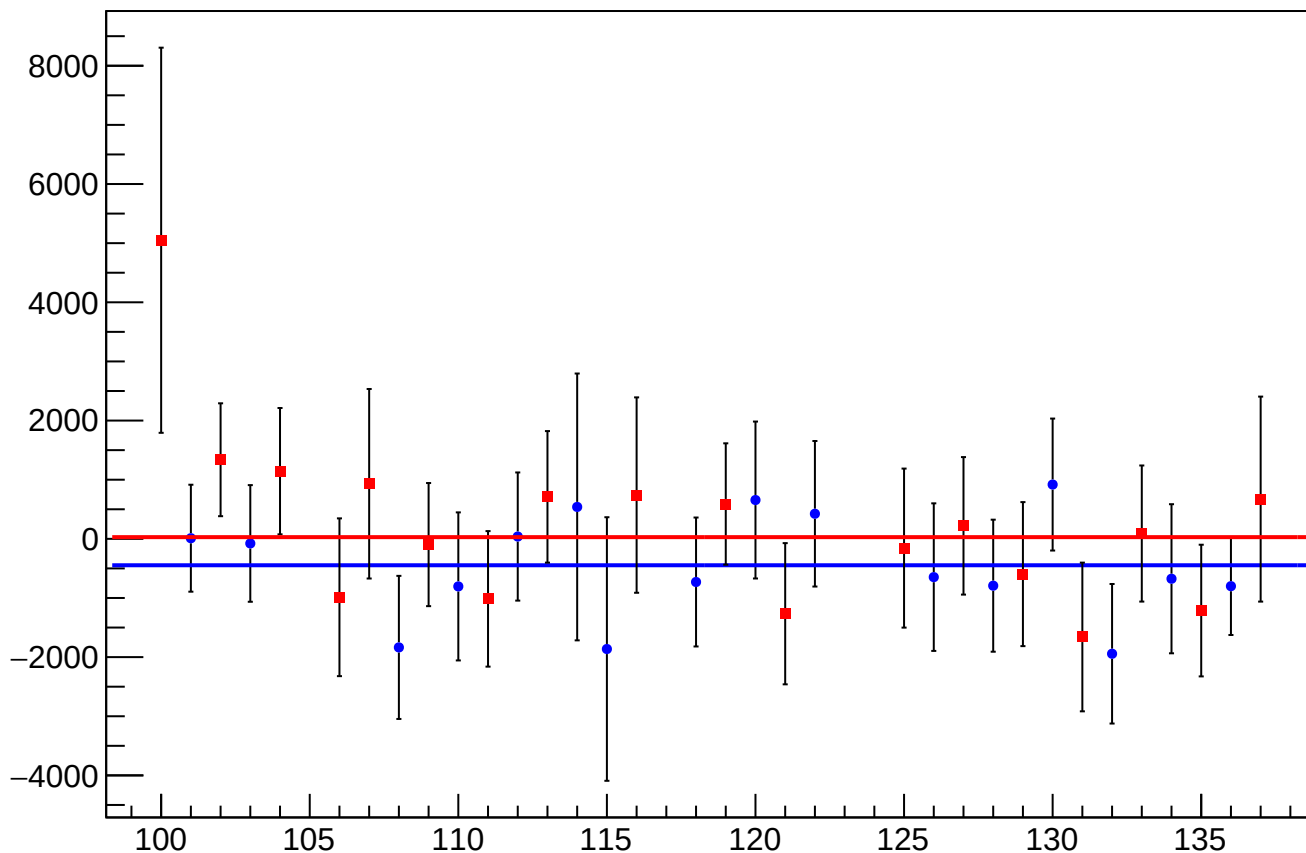
Right: 688.036+/-0.134 χ^2/NDF : 2343492.9/33

In: 694.522+/-0.190 χ^2/NDF : 1029884.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.036+/-0.134 χ^2/NDF : 2343492.9/33

eigen_dit_asym_us_dd_mean vs Slug, Sign Corrected



Right In: -446.659+/-289.238 χ^2/NDF : 7.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.786+/-288.372 χ^2/NDF : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

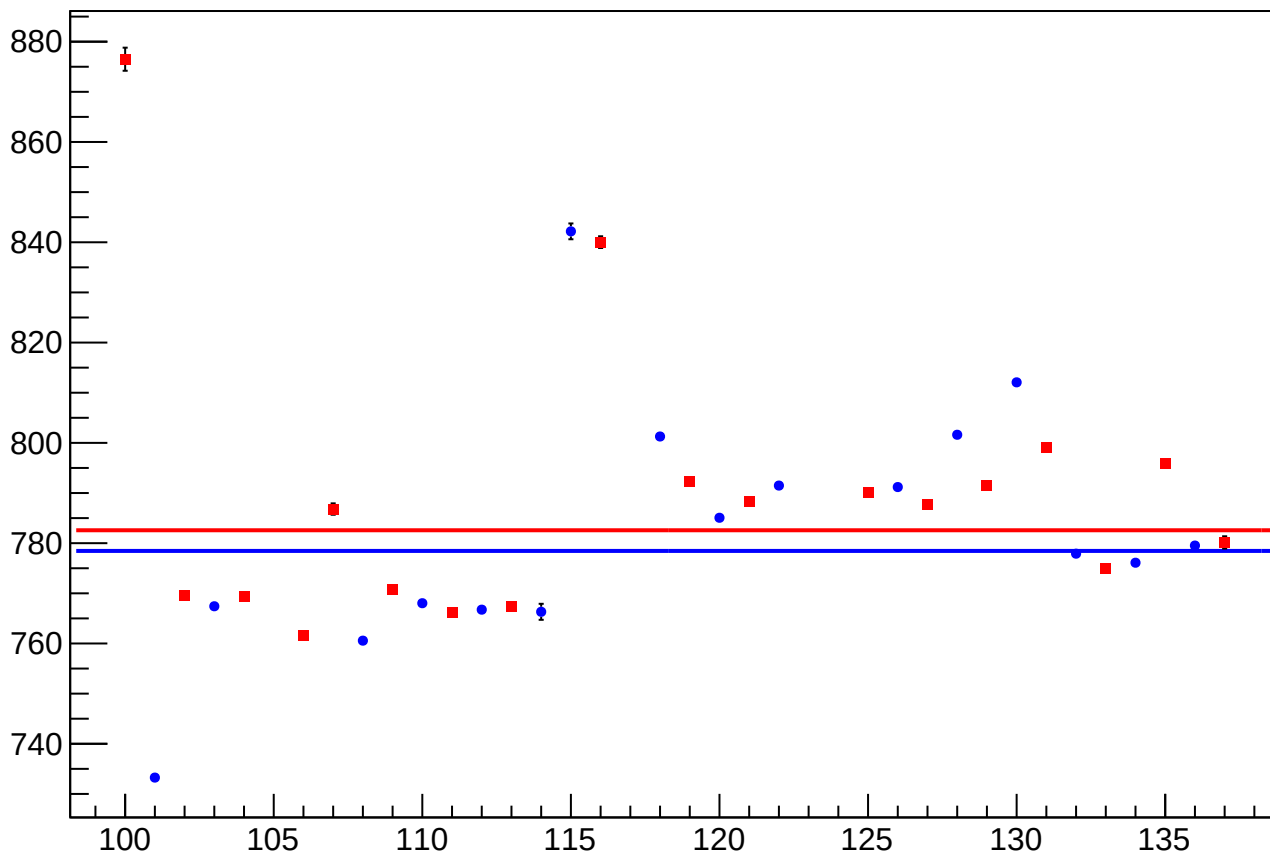
Right: -208.224+/-204.216 χ^2/NDF : 21.3/33

In: -446.659+/-289.238 χ^2/NDF :7.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -208.224+/-204.216 χ^2/NDF : 21.3/33

eigen_dit_asym_us_dd_rms vs Slug, Sign Corrected



Right In: 778.456+/-0.205 χ^2/NDF : 11795.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 782.575+/-0.204 χ^2/NDF : 7481.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

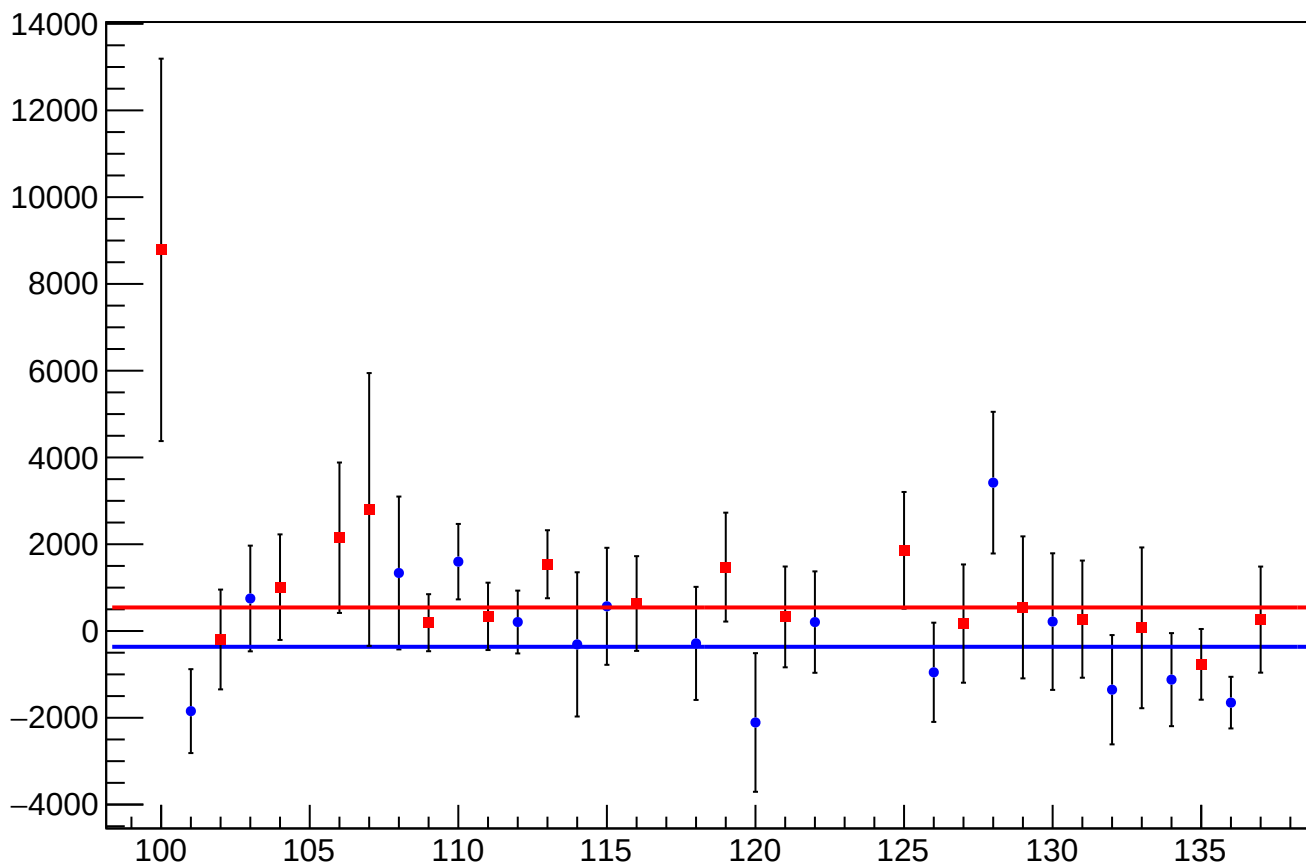
Right: 780.522+/-0.144 χ^2/NDF : 19480.0/33

In: 778.456+/-0.205 χ^2/NDF : 11795.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.522+/-0.144 χ^2/NDF : 19480.0/33

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 96.309+/-188.989 χ^2 /NDF: 40.8/33

In: -363.973+/-269.314 χ^2 /NDF:23.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 96.309+/-188.989 χ^2 /NDF: 40.8/33

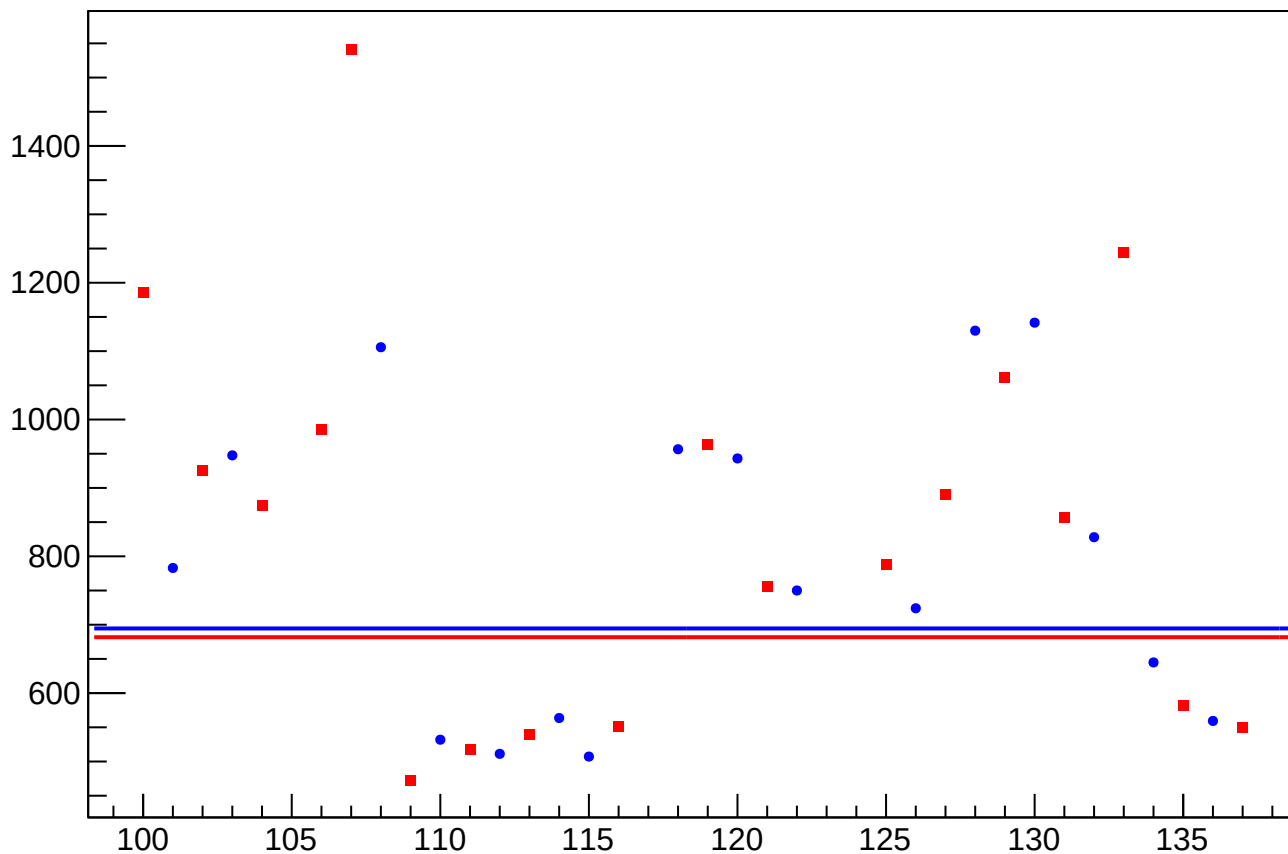
Right In: -363.973+/-269.314 χ^2 /NDF: 23.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 542.878+/-265.272 χ^2 /NDF: 11.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

asym_us_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 694.519+/-0.190 χ^2/NDF : 1029897.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.740+/-0.188 χ^2/NDF : 1311342.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

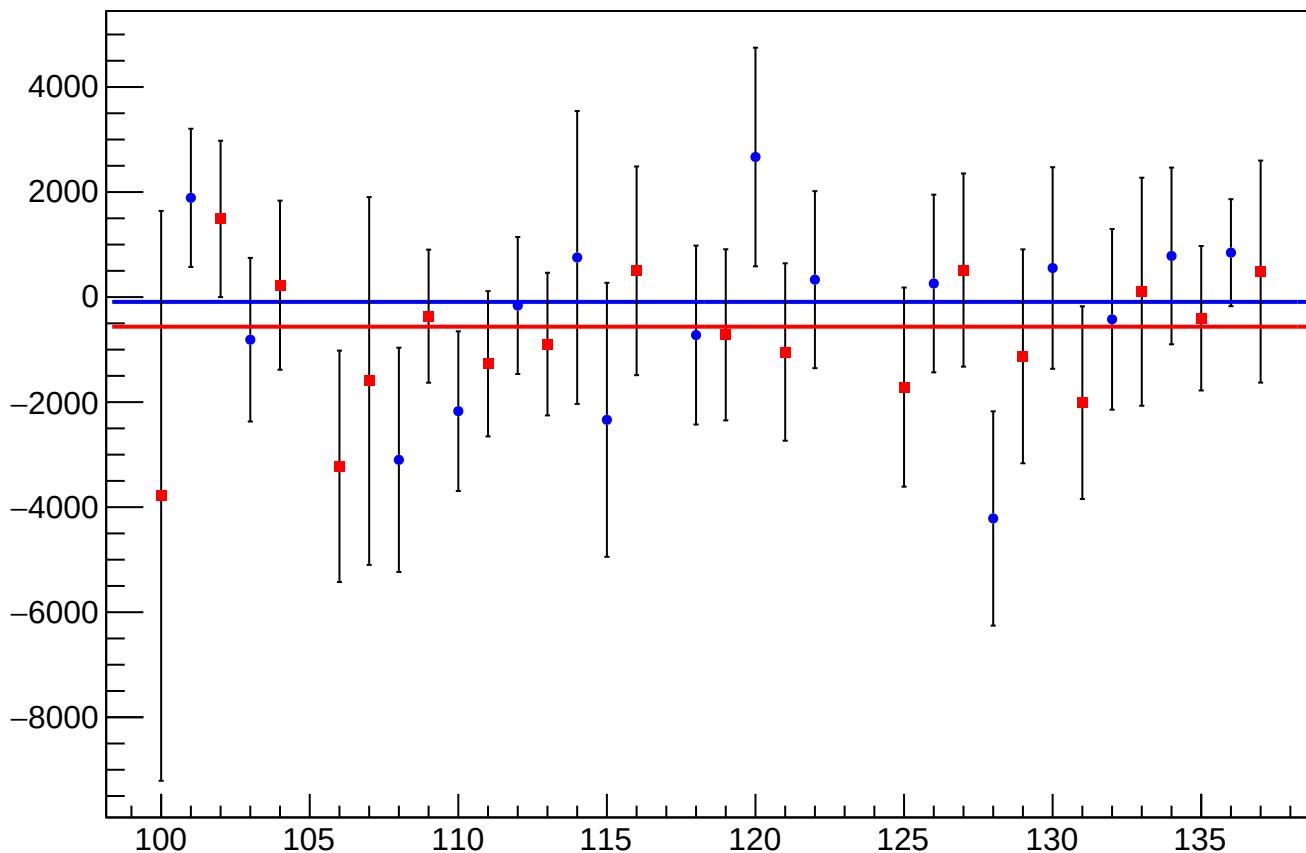
Right: 688.033+/-0.134 χ^2/NDF : 2343525.0/33

In: 694.519+/-0.190 χ^2/NDF : 1029897.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 688.033+/-0.134 χ^2/NDF : 2343525.0/33

asym_us_dd_mean vs Slug, Sign Corrected



Right In: -91.305 $\pm$ 409.957 χ^2 /NDF: 14.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -563.292 $\pm$ 411.565 χ^2 /NDF: 6.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

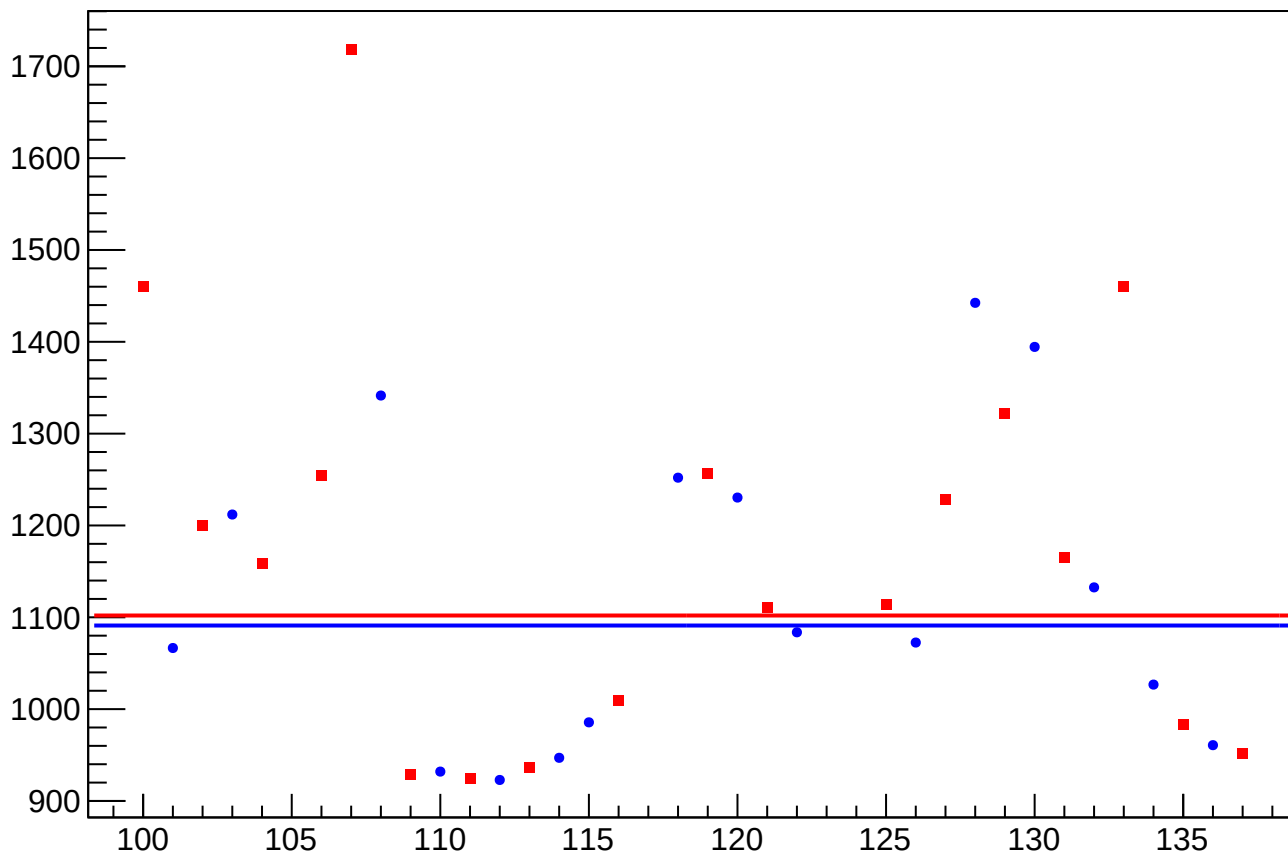
Right: -326.374 $\pm$ 290.450 χ^2 /NDF: 21.7/33

In: -91.305 $\pm$ 409.957 χ^2 /NDF:14.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -326.374 $\pm$ 290.450 χ^2 /NDF: 21.7/33

asym_us_dd_rms vs Slug, Sign Corrected



Right In: 1091.041+/-0.290 χ^2/NDF : 277304.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.953+/-0.291 χ^2/NDF : 328107.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

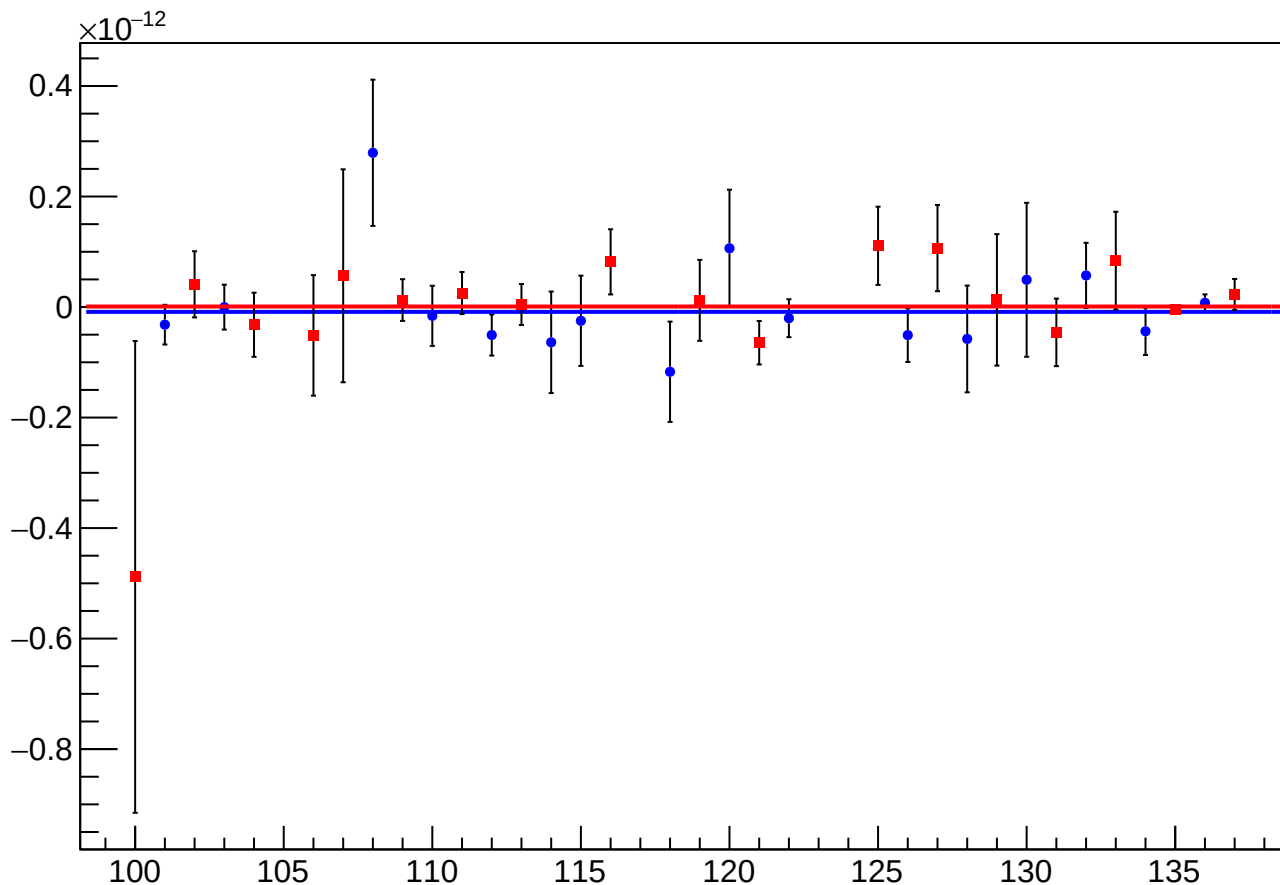
Right: 1096.476+/-0.205 χ^2/NDF : 606118.2/33

In: 1091.041+/-0.290 χ^2/NDF : 277304.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1096.476+/-0.205 χ^2/NDF : 606118.2/33

asym_us_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

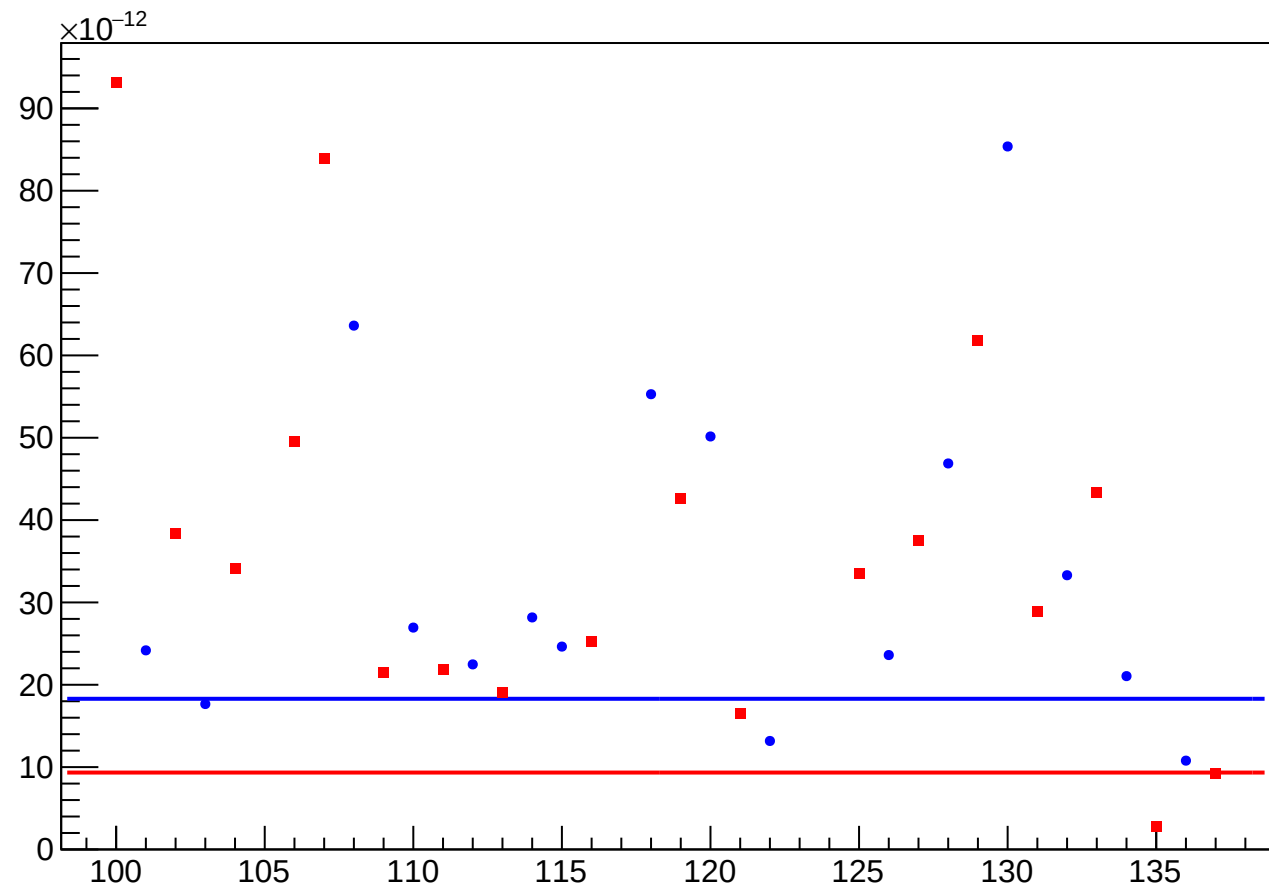
Right: -0.000+/-0.000 χ^2/NDF : 28.8/33

In: -0.000+/-0.000 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.8/33

asym_us_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2242543.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5140446.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

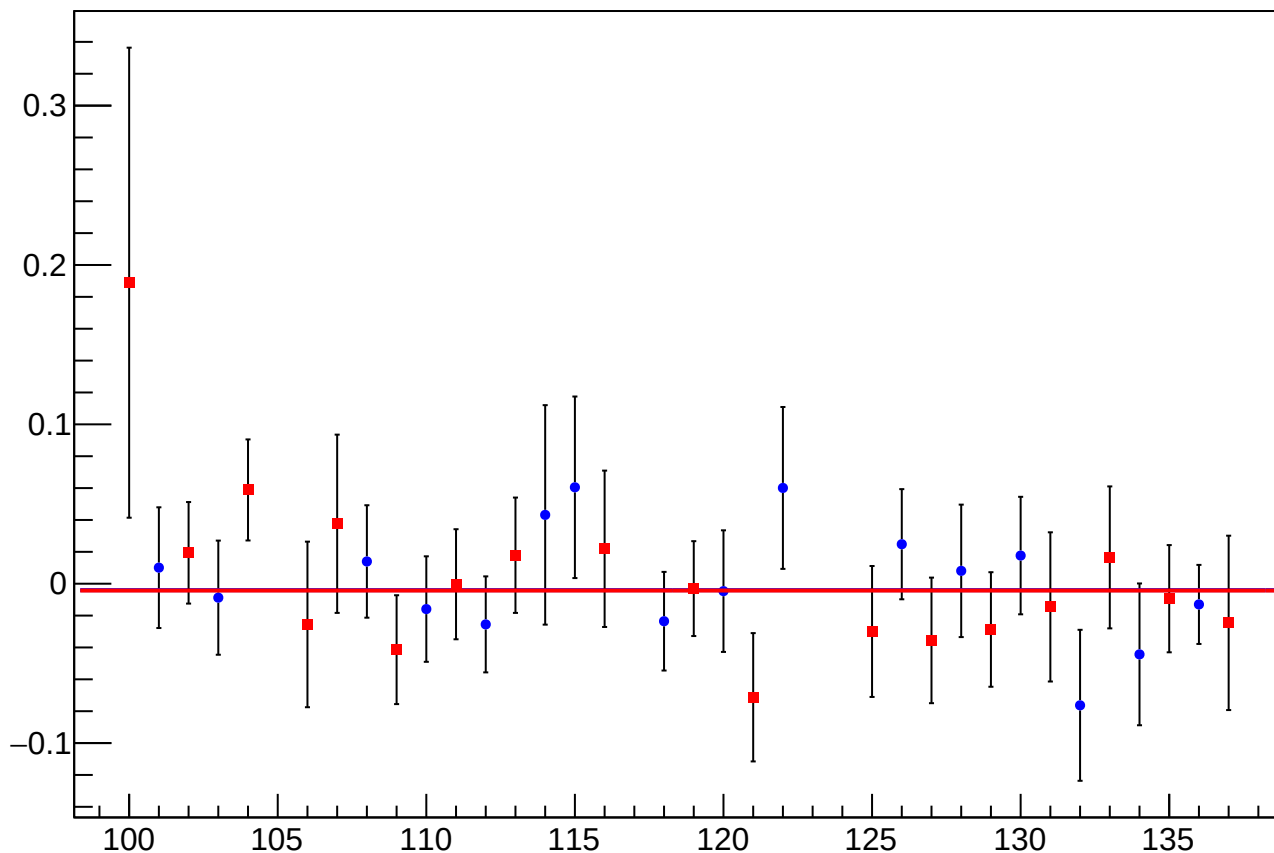
Right: 0.000+/-0.000 χ^2/NDF : 8399783.6/33

In: 0.000+/-0.000 χ^2/NDF : 2242543.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8399783.6/33

asym_us_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.009 χ^2/NDF : 9.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.009 χ^2/NDF : 13.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

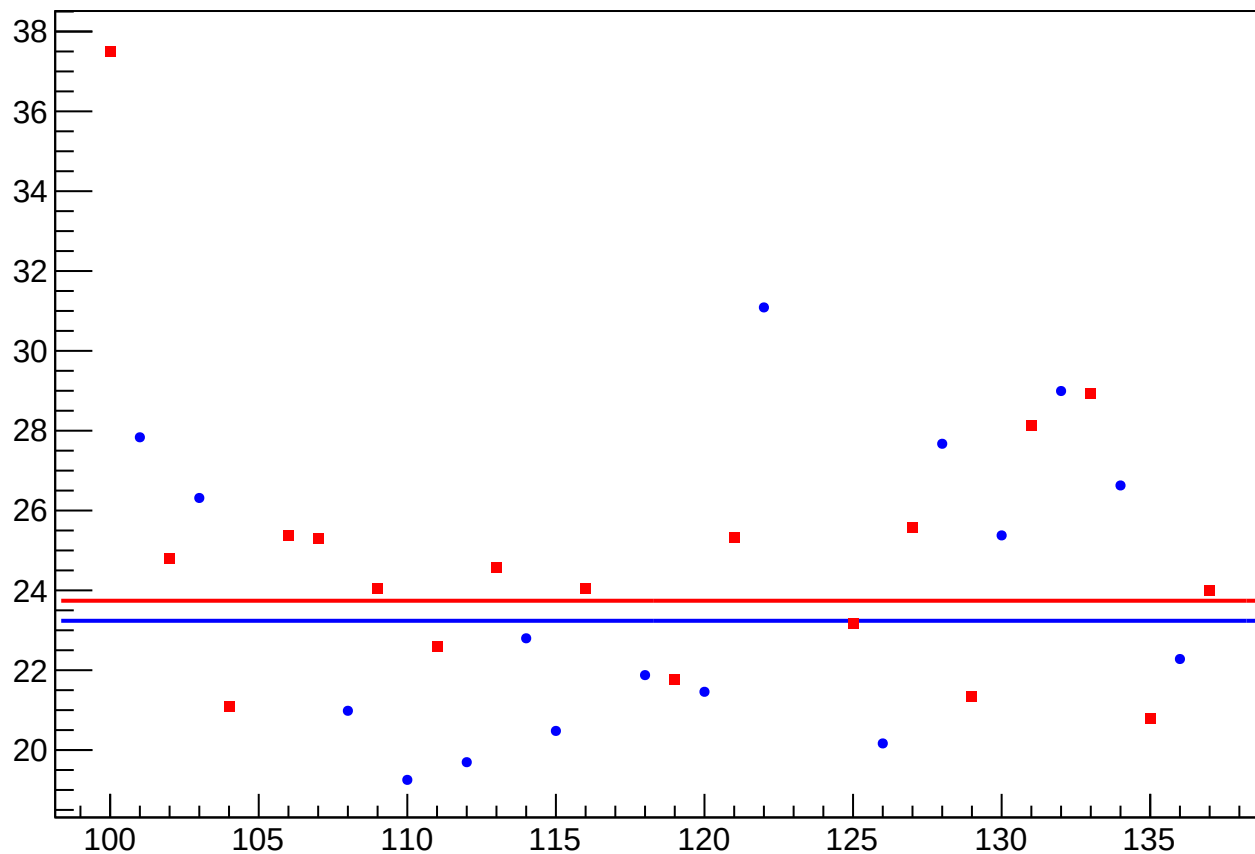
Right: -0.004 ± 0.007 χ^2/NDF : 22.7/33

In: -0.004 ± 0.009 χ^2/NDF : 9.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.007 χ^2/NDF : 22.7/33

asym_us_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.238+/-0.007 χ^2/NDF : 259235.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.740+/-0.007 χ^2/NDF : 126183.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

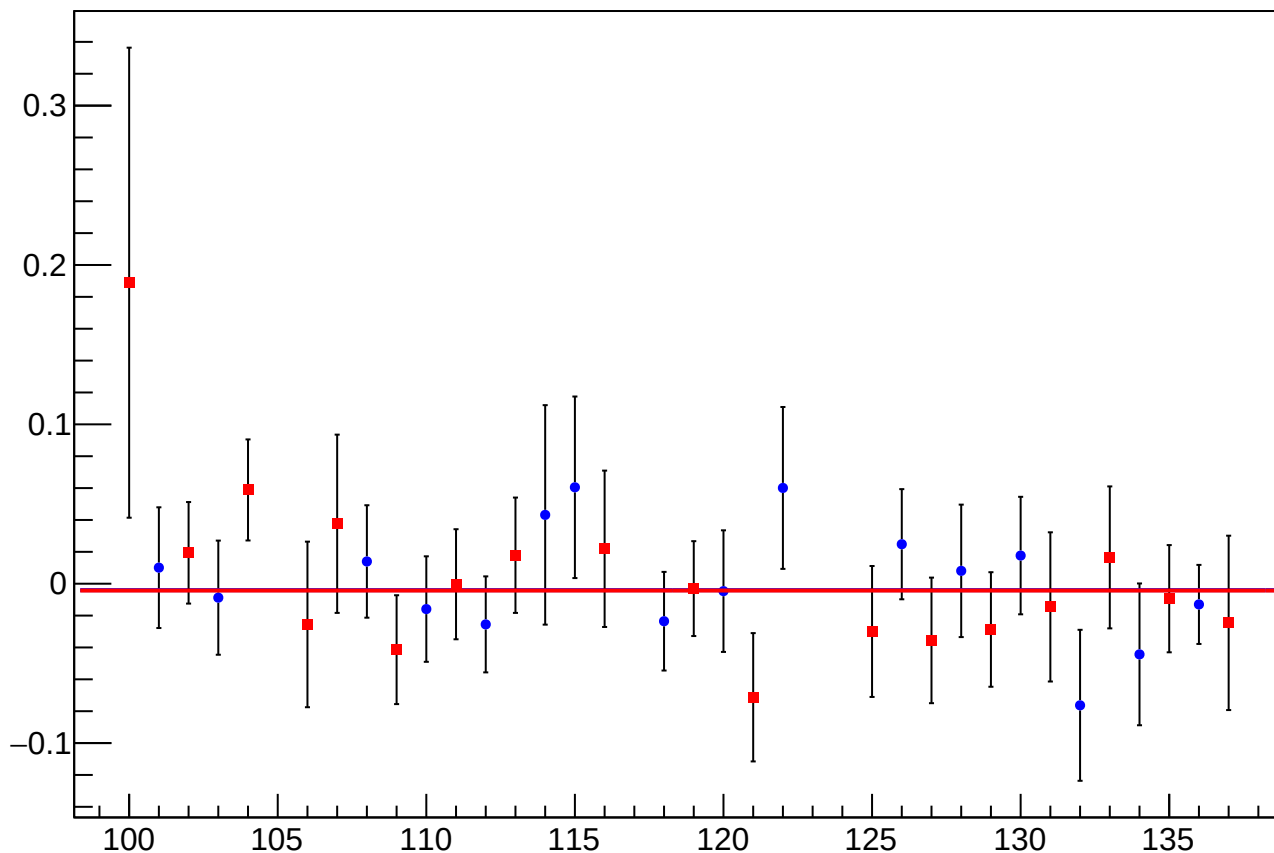
Right: 23.488+/-0.005 χ^2/NDF : 388343.8/33

In: 23.238+/-0.007 χ^2/NDF : 259235.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.488+/-0.005 χ^2/NDF : 388343.8/33

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.009 χ^2/NDF : 9.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

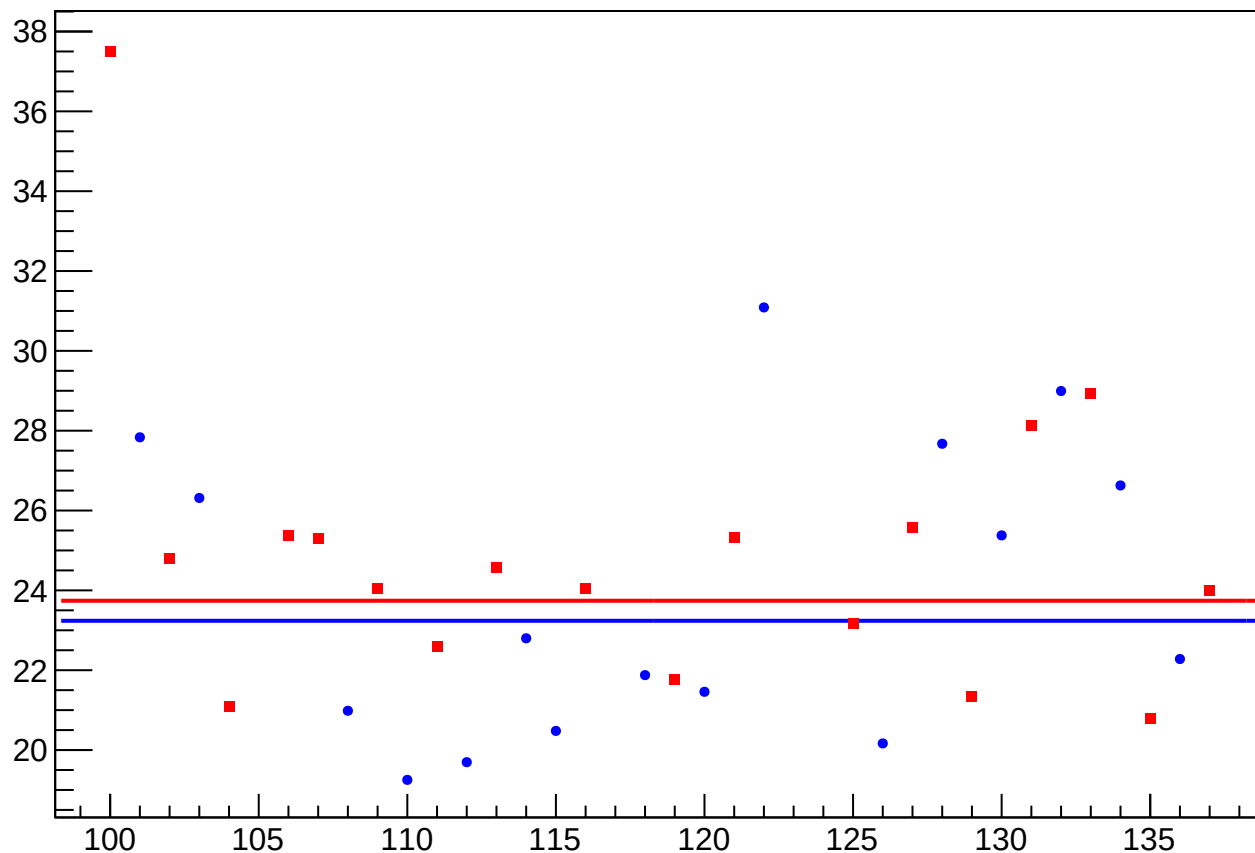
Right: -0.004+/-0.007 χ^2/NDF : 22.7/33

In: -0.004+/-0.009 χ^2/NDF :9.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.007 χ^2/NDF : 22.7/33

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.238+/-0.007 χ^2/NDF : 259235.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.740+/-0.007 χ^2/NDF : 126183.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

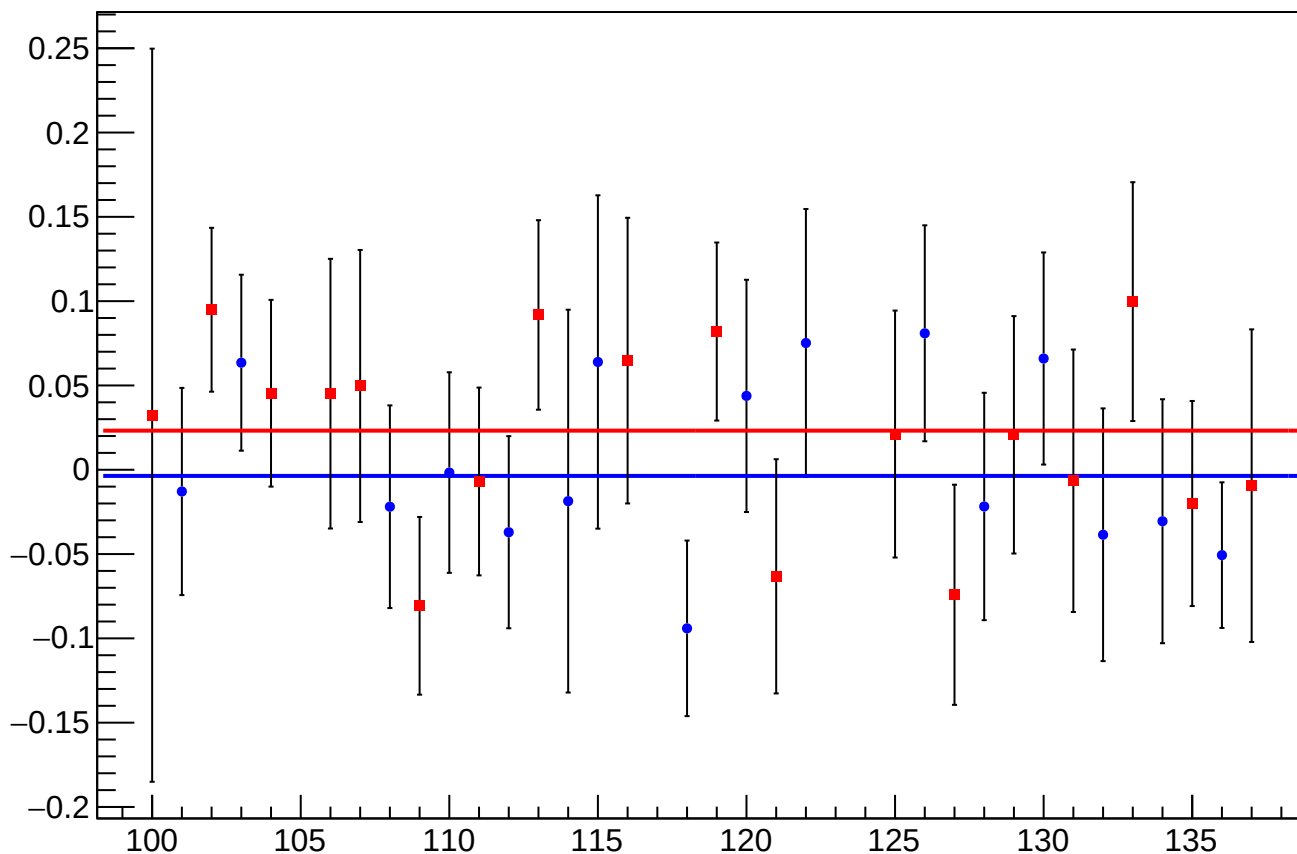
Right: 23.488+/-0.005 χ^2/NDF : 388343.8/33

In: 23.238+/-0.007 χ^2/NDF :259235.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.488+/-0.005 χ^2/NDF : 388343.8/33

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.016 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.016 χ^2 /NDF: 15.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

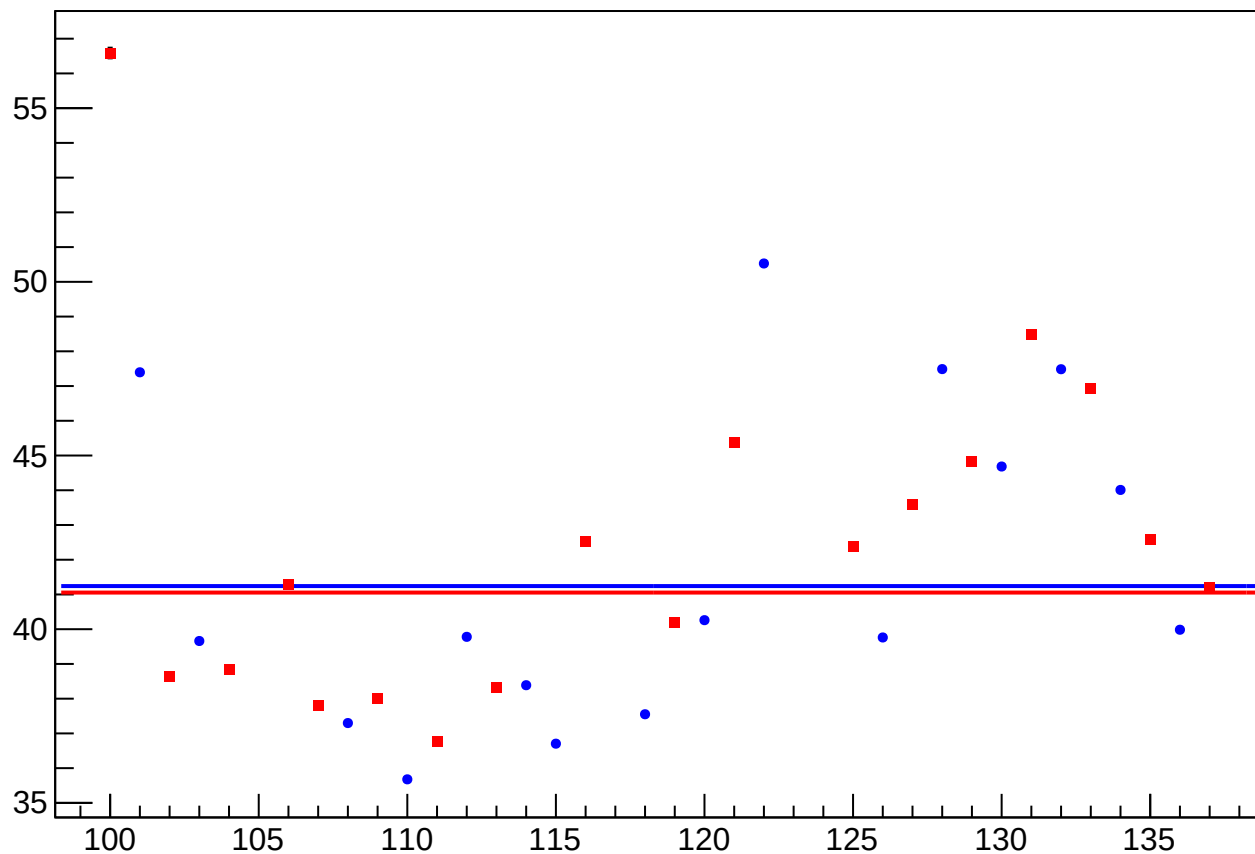
Right: 0.010 $\pm$ 0.011 χ^2 /NDF: 28.5/33

In: -0.004 $\pm$ 0.016 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.011 χ^2 /NDF: 28.5/33

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.242+/-0.011 χ^2/NDF : 135279.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 41.055+/-0.011 χ^2/NDF : 96560.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

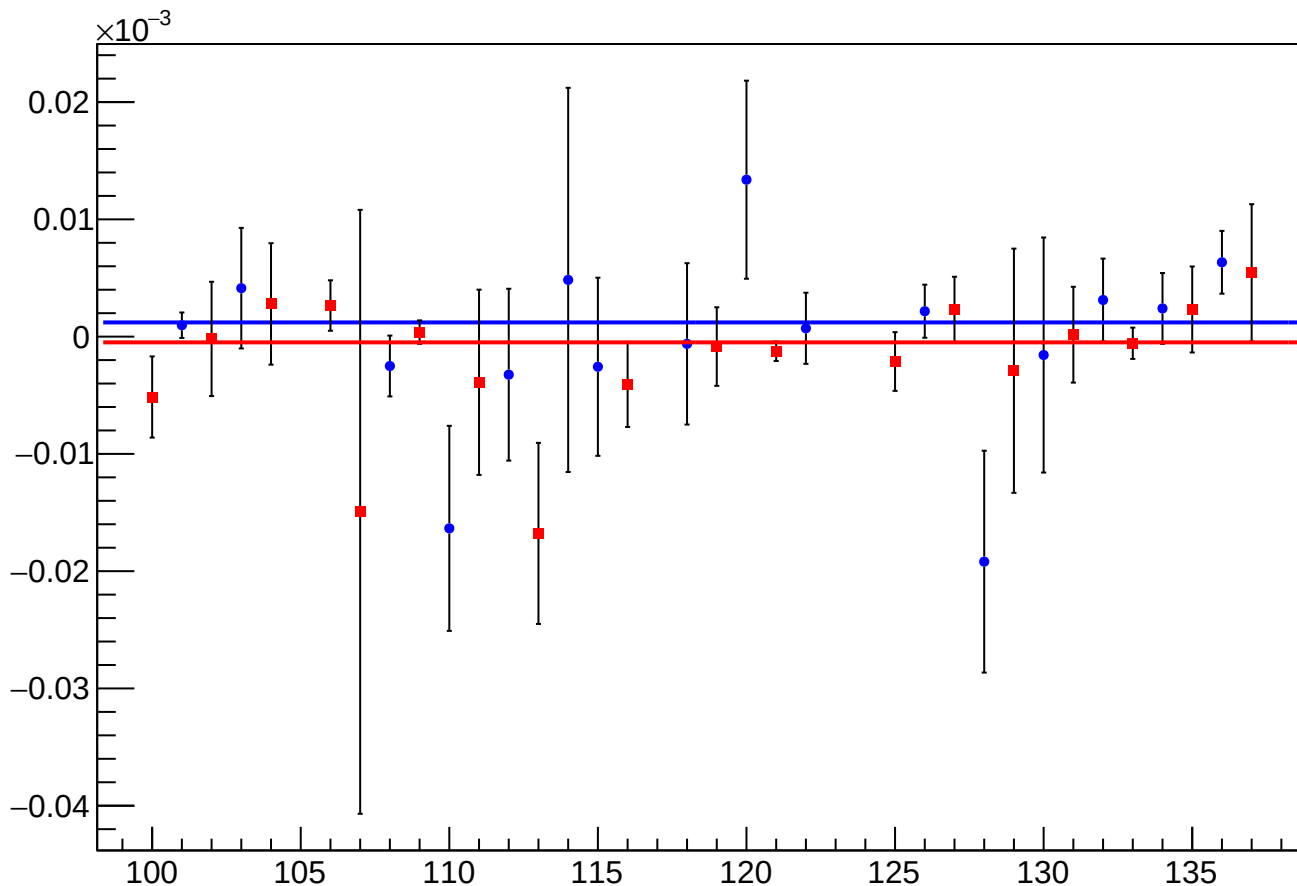
Right: 41.147+/-0.008 χ^2/NDF : 231982.7/33

In: 41.242+/-0.011 χ^2/NDF :135279.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.147+/-0.008 χ^2/NDF : 231982.7/33

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

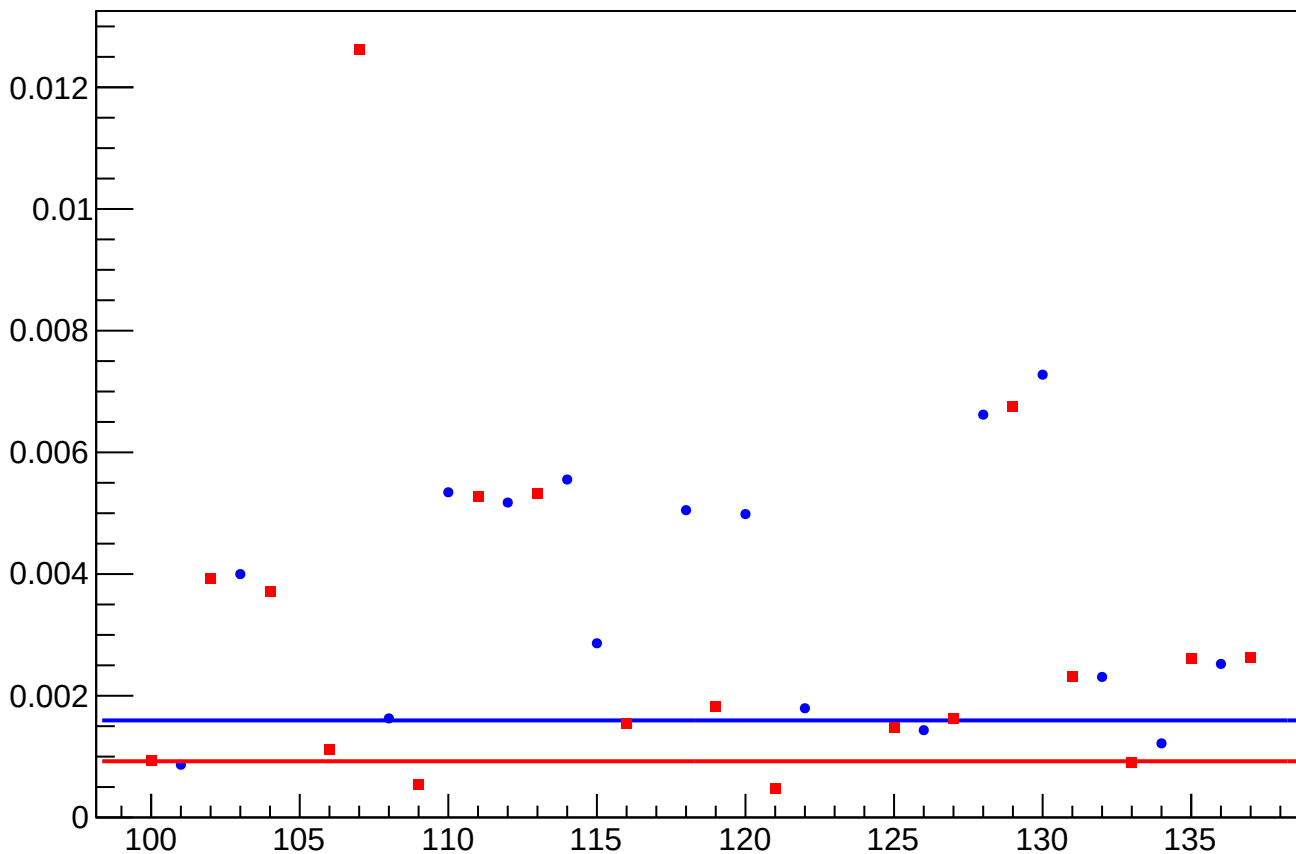
Right: 0.000+/-0.000 χ^2/NDF : 36.9/33

In: 0.000+/-0.000 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.9/33

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 4762068.1/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 5780451.3/17

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 11655258.3/33

In: 0.002+/-0.000

χ^2/NDF :4762068.1/15

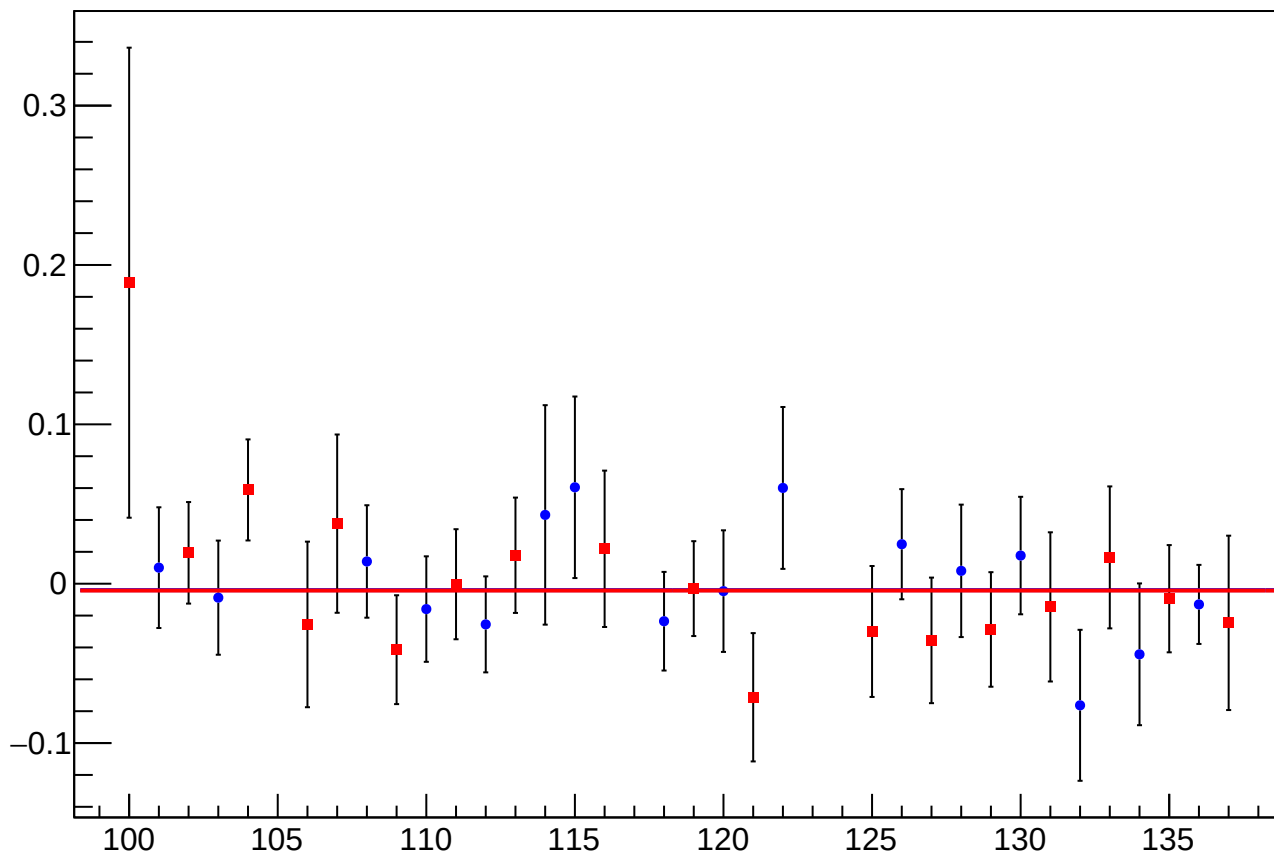
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.001+/-0.000

χ^2/NDF : 11655258.3/33

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.009 χ^2 /NDF: 9.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.009 χ^2 /NDF: 13.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

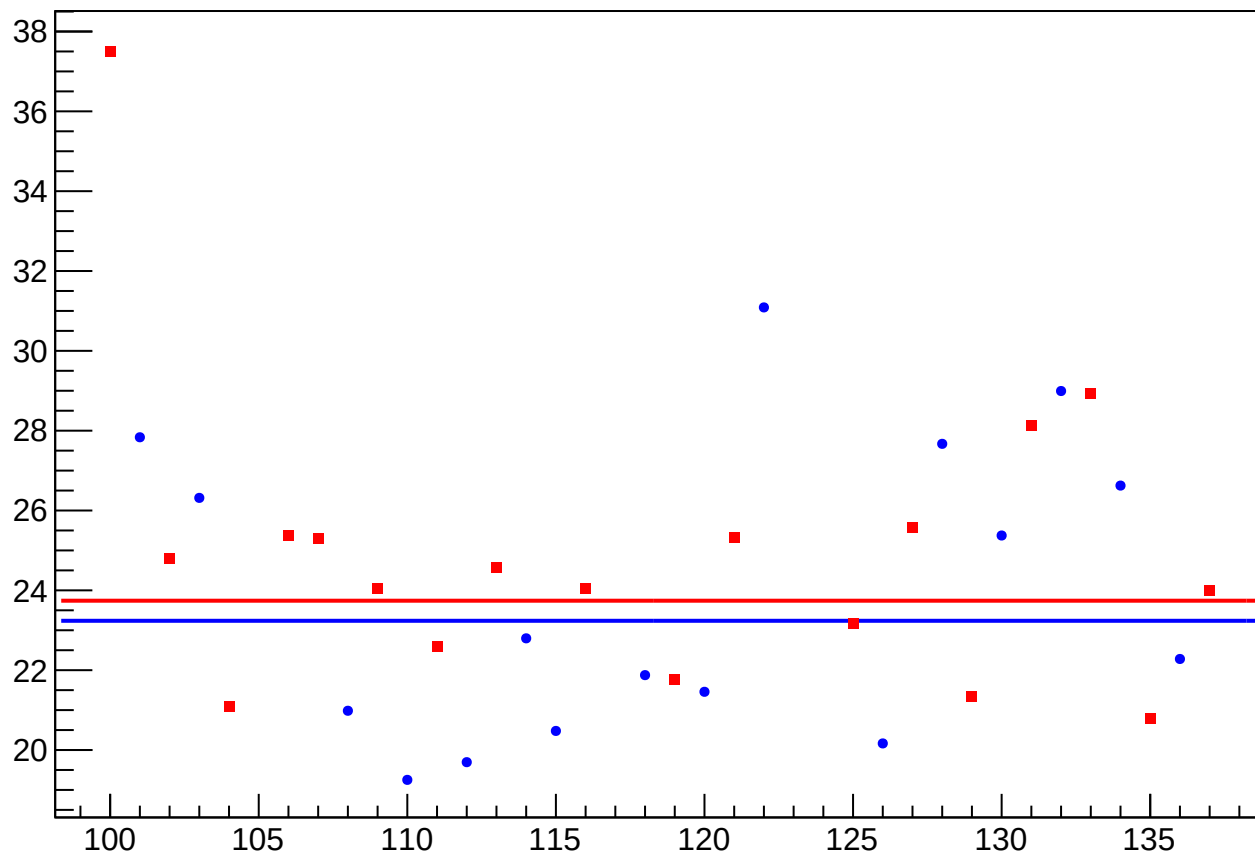
Right: -0.004 $\pm$ 0.007 χ^2 /NDF: 22.7/33

In: -0.004 $\pm$ 0.009 χ^2 /NDF:9.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.007 χ^2 /NDF: 22.7/33

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.237+/-0.007 χ^2/NDF : 259224.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.741+/-0.007 χ^2/NDF : 126132.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

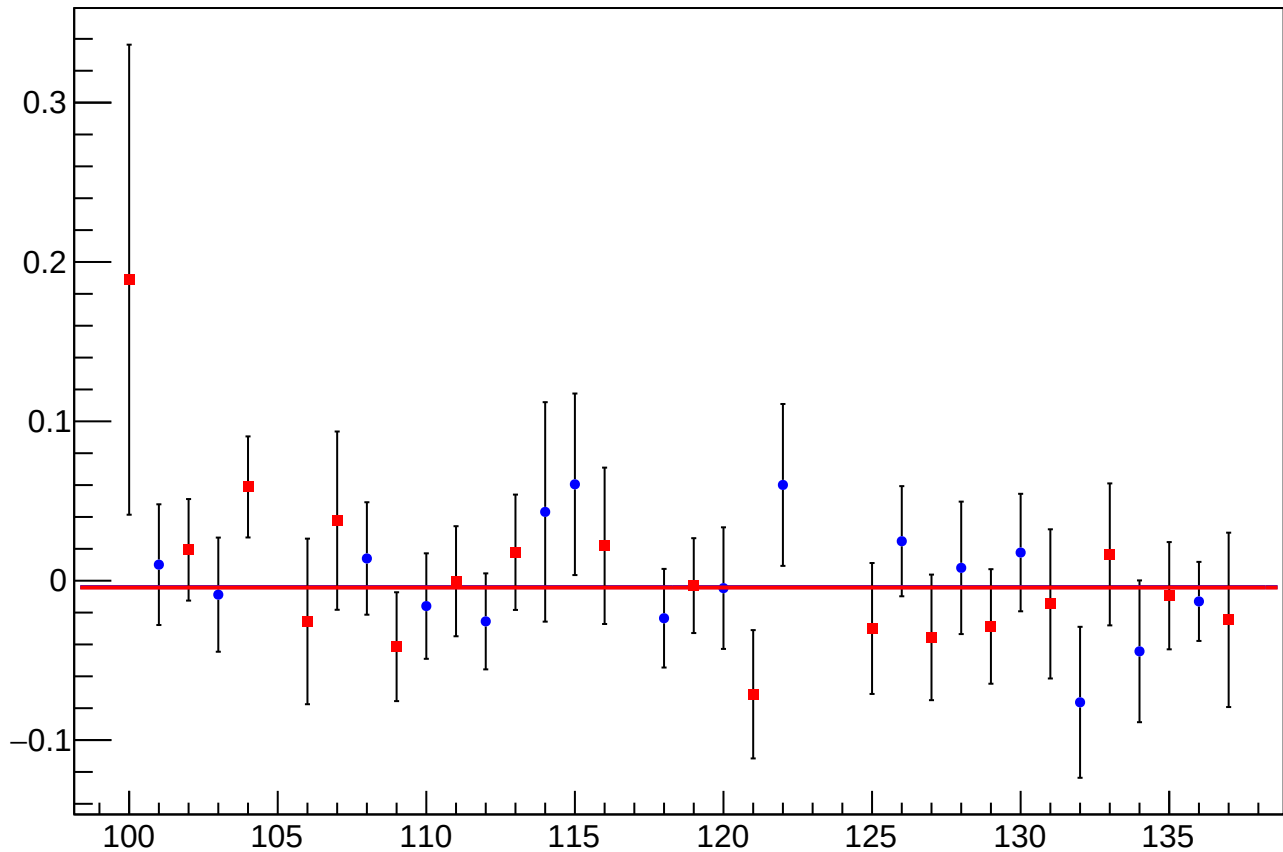
Right: 23.487+/-0.005 χ^2/NDF : 388292.2/33

In: 23.237+/-0.007 χ^2/NDF :259224.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.487+/-0.005 χ^2/NDF : 388292.2/33

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004+/-0.009 χ^2/NDF : 9.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.009 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

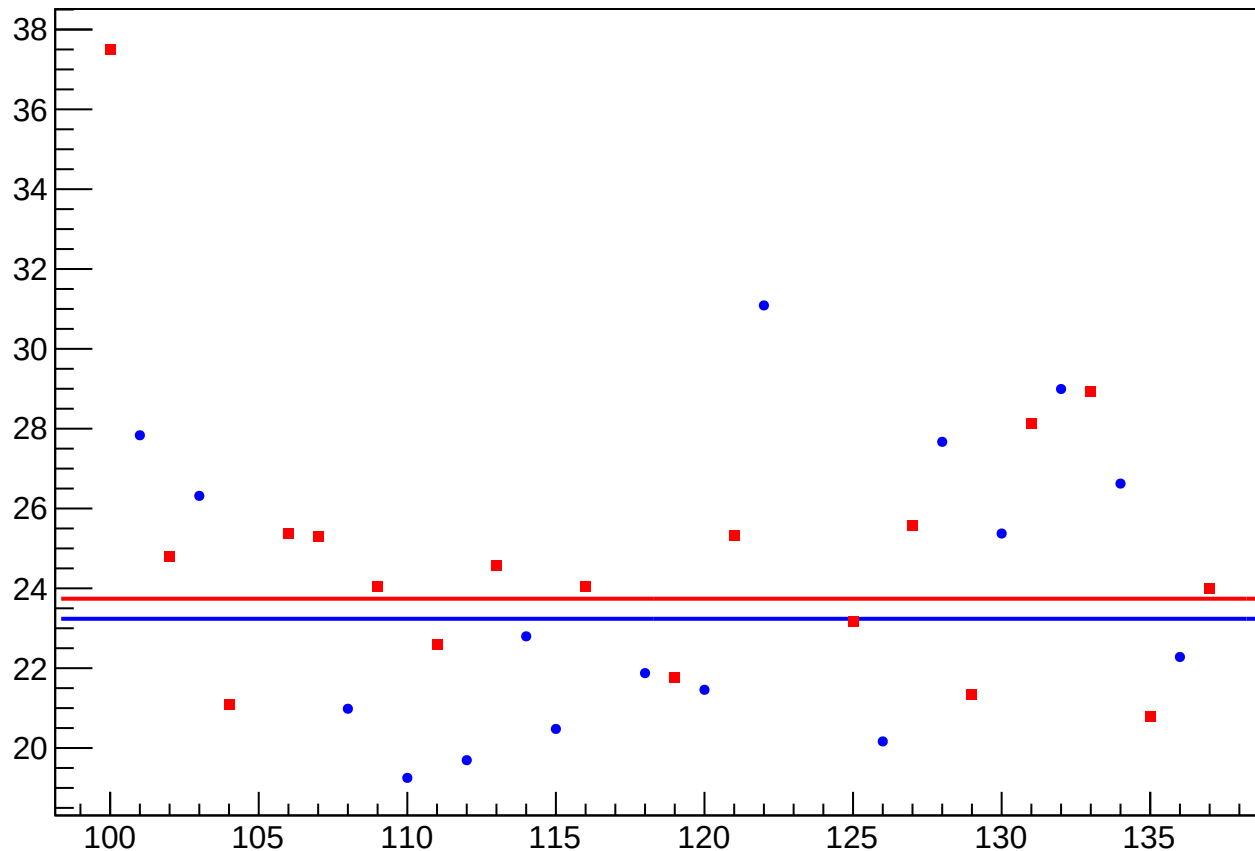
Right: -0.004+/-0.007 χ^2/NDF : 22.7/33

In: -0.004+/-0.009 χ^2/NDF :9.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.004+/-0.007 χ^2/NDF : 22.7/33

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.237+/-0.007 χ^2/NDF : 259224.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.741+/-0.007 χ^2/NDF : 126132.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

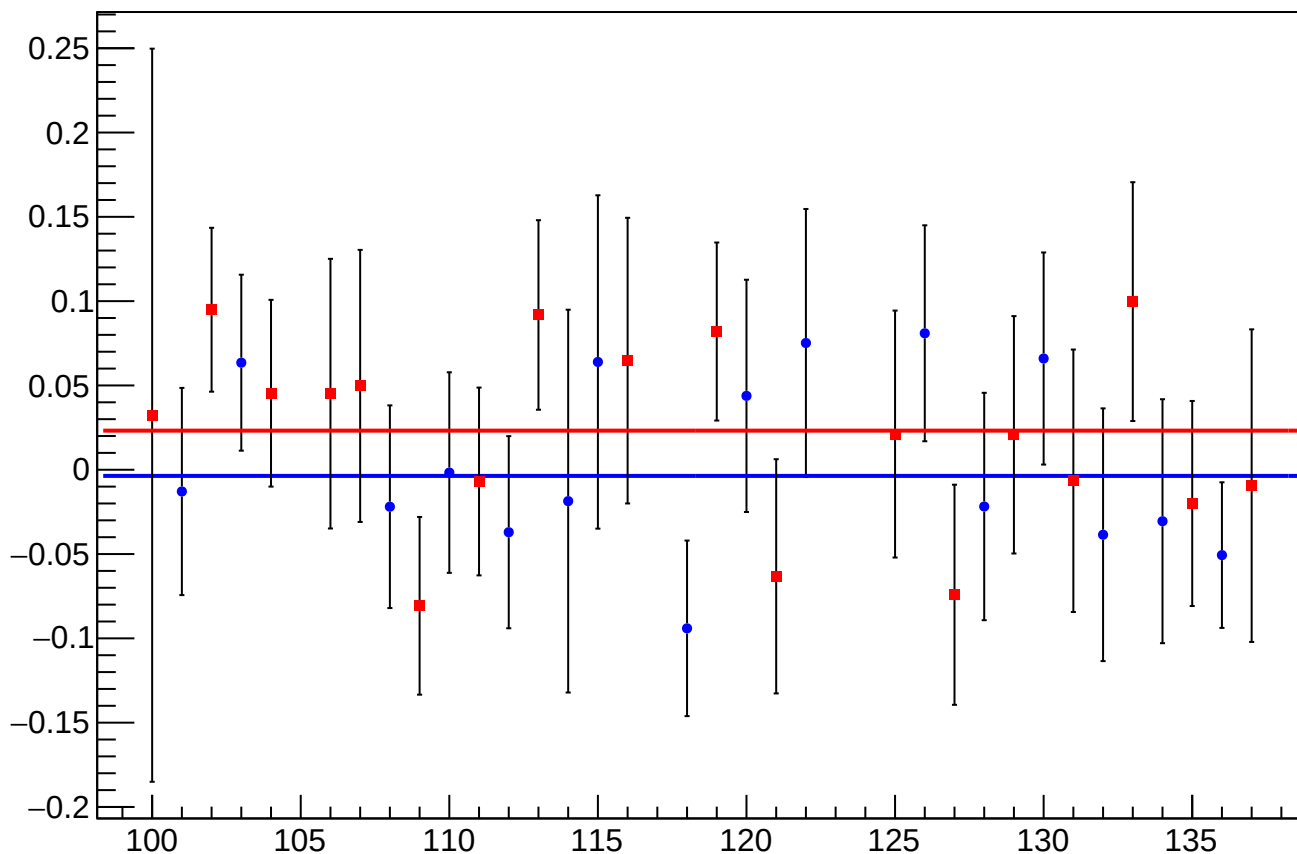
Right: 23.487+/-0.005 χ^2/NDF : 388292.2/33

In: 23.237+/-0.007 χ^2/NDF :259224.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.487+/-0.005 χ^2/NDF : 388292.2/33

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 $\pm$ 0.016 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.023 $\pm$ 0.016 χ^2 /NDF: 15.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

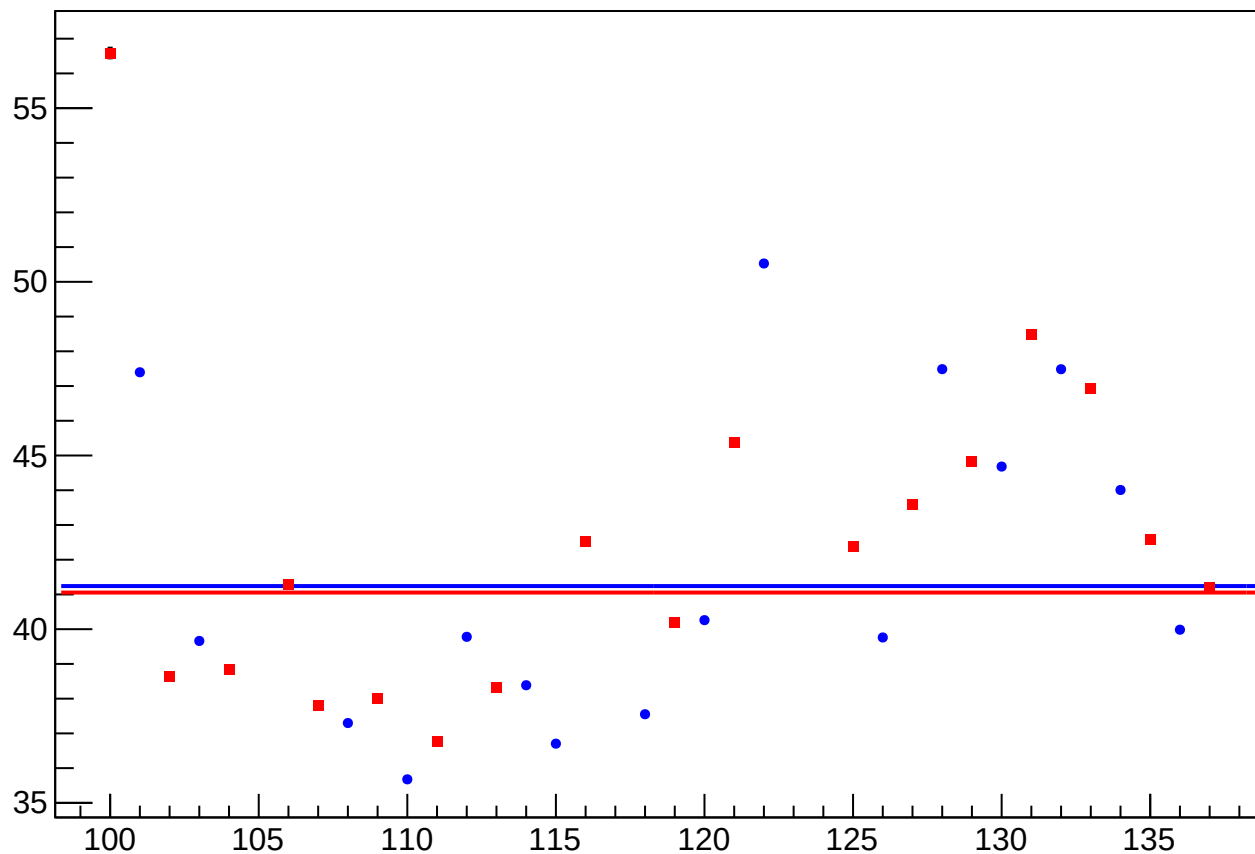
Right: 0.010 $\pm$ 0.011 χ^2 /NDF: 28.5/33

In: -0.004 $\pm$ 0.016 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.011 χ^2 /NDF: 28.5/33

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.241+/-0.011 χ^2/NDF : 135256.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.055+/-0.011 χ^2/NDF : 96549.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

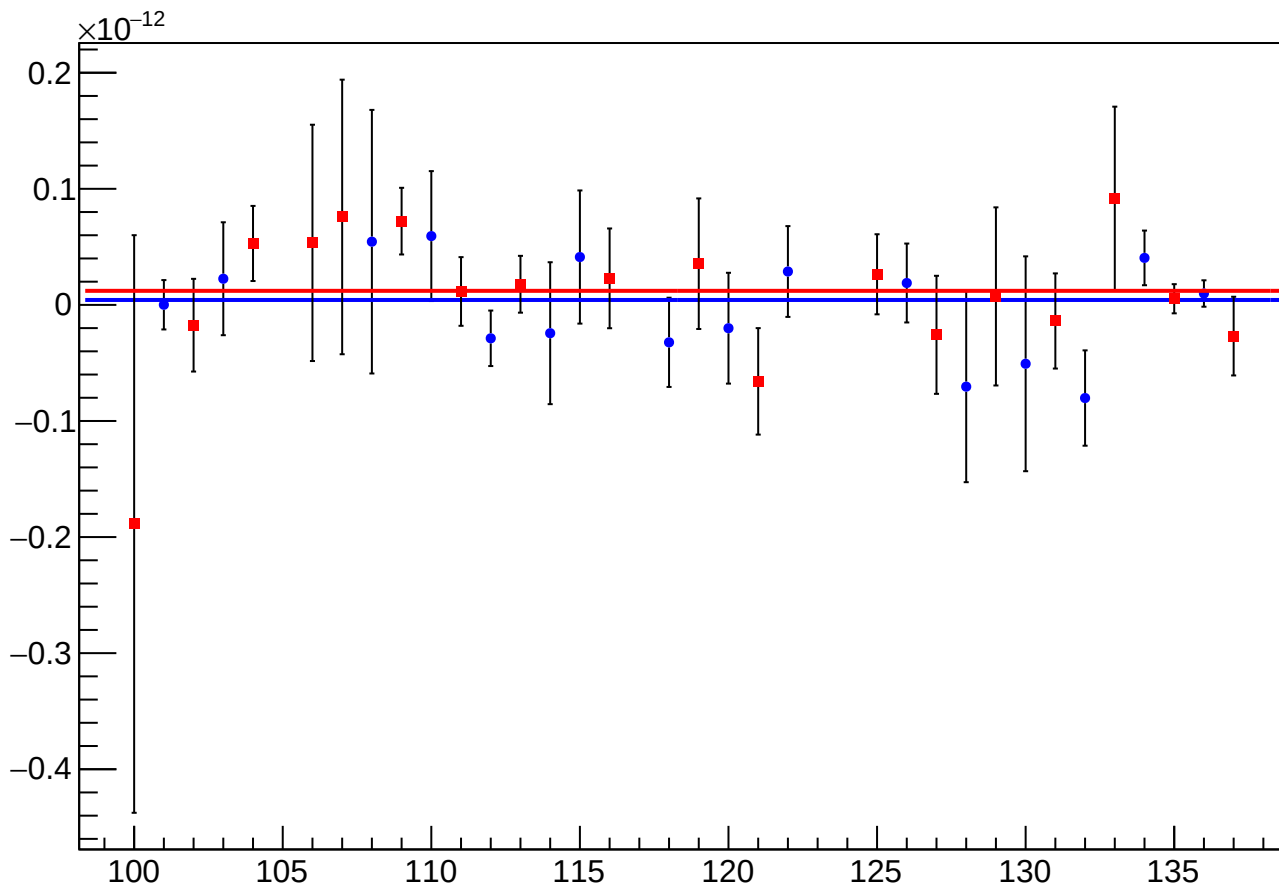
Right: 41.147+/-0.008 χ^2/NDF : 231949.1/33

In: 41.241+/-0.011 χ^2/NDF : 135256.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.147+/-0.008 χ^2/NDF : 231949.1/33

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

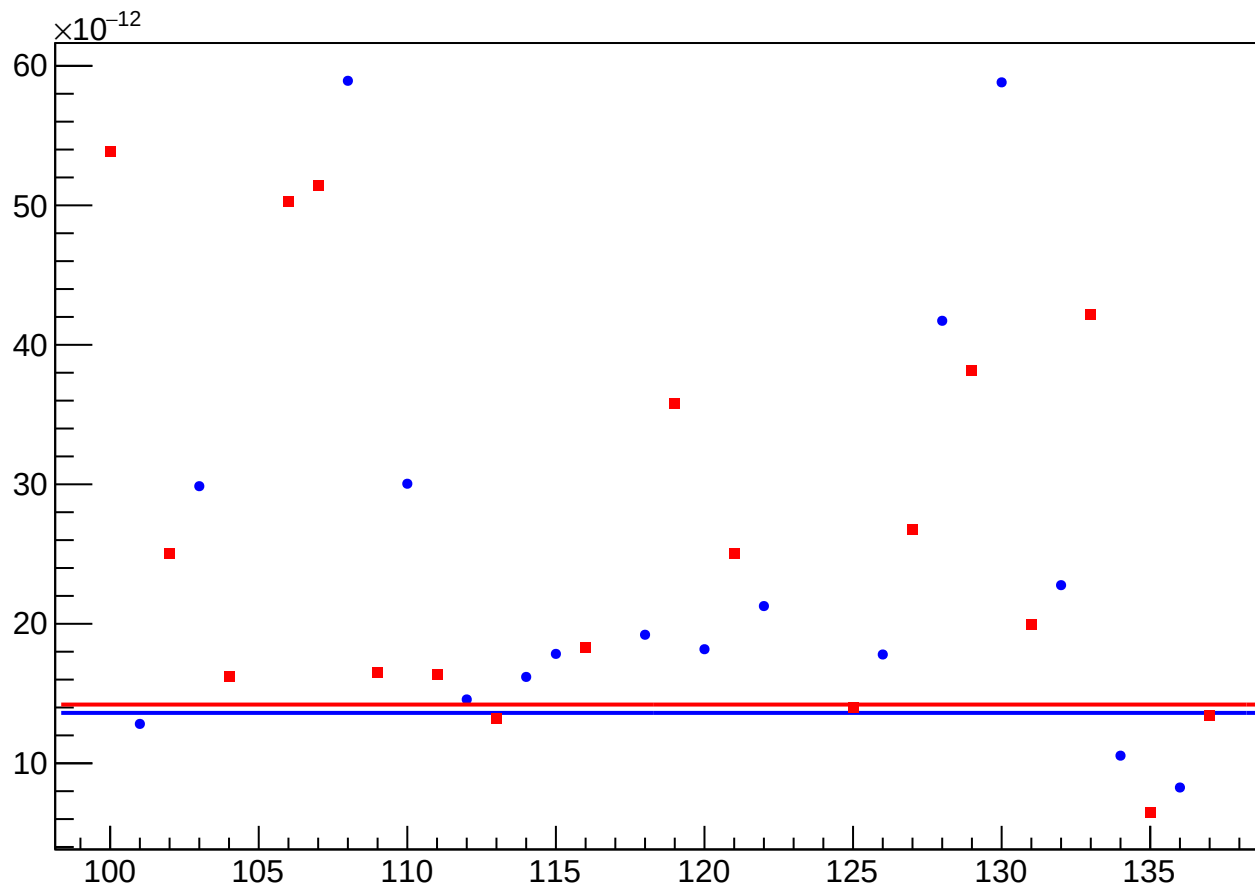
Right: 0.000+/-0.000 χ^2/NDF : 28.7/33

In: 0.000+/-0.000 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/33

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2188622.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2471664.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

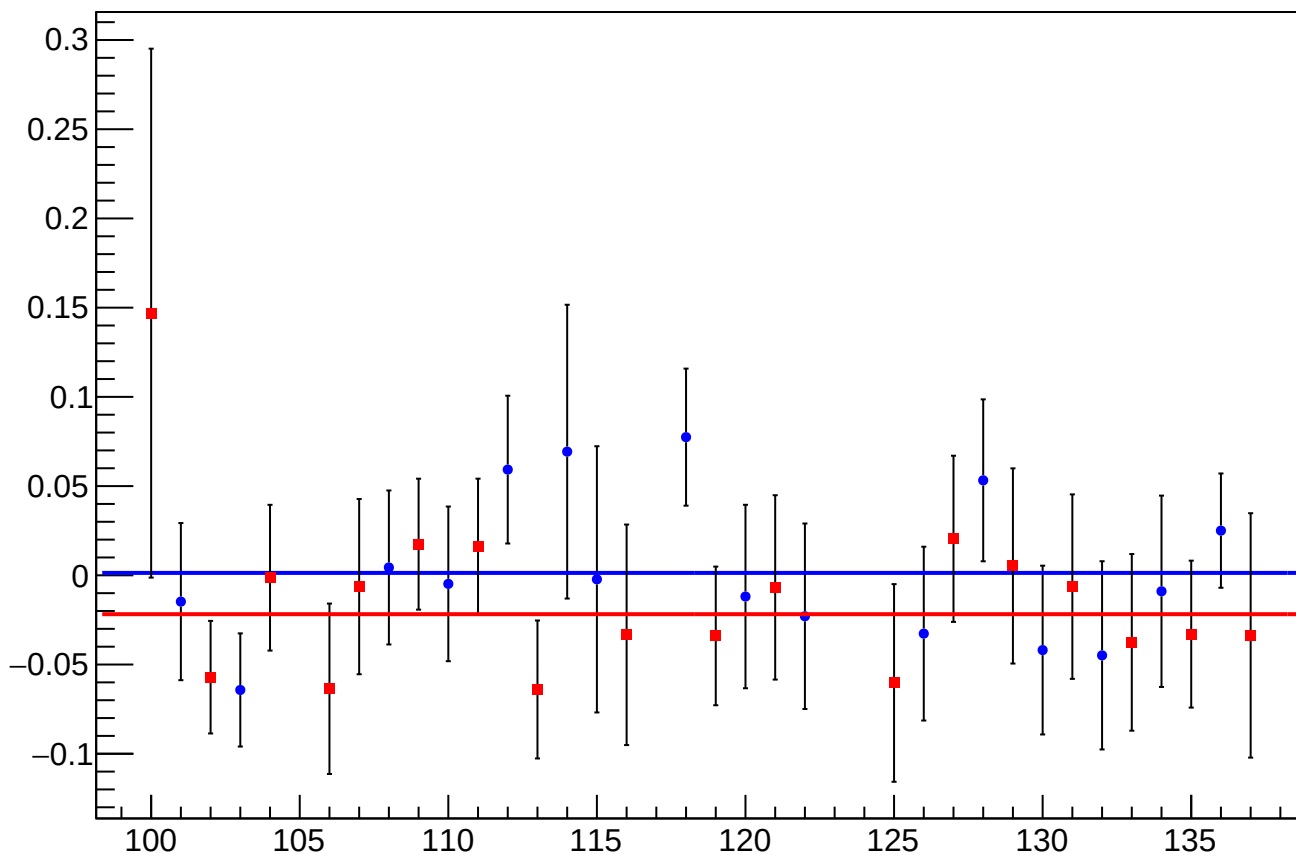
Right: 0.000+/-0.000 χ^2/NDF : 4666493.6/33

In: 0.000+/-0.000 χ^2/NDF : 2188622.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4666493.6/33

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001+/-0.011 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.011 χ^2/NDF : 9.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

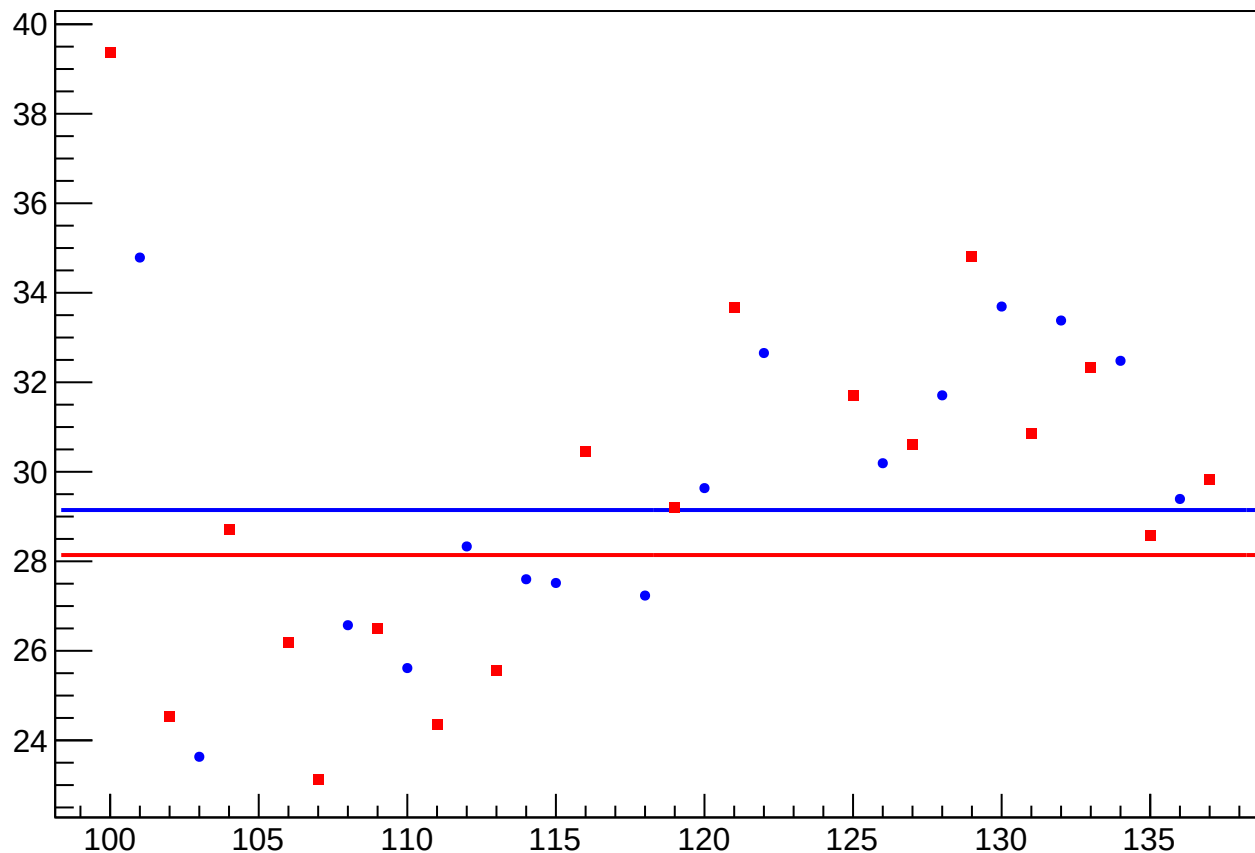
Right: -0.011+/-0.008 χ^2/NDF : 26.5/33

In: 0.001+/-0.011 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.011+/-0.008 χ^2/NDF : 26.5/33

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.146 $\pm$ 0.008 χ^2 /NDF: 176889.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.140 $\pm$ 0.008 χ^2 /NDF: 187103.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

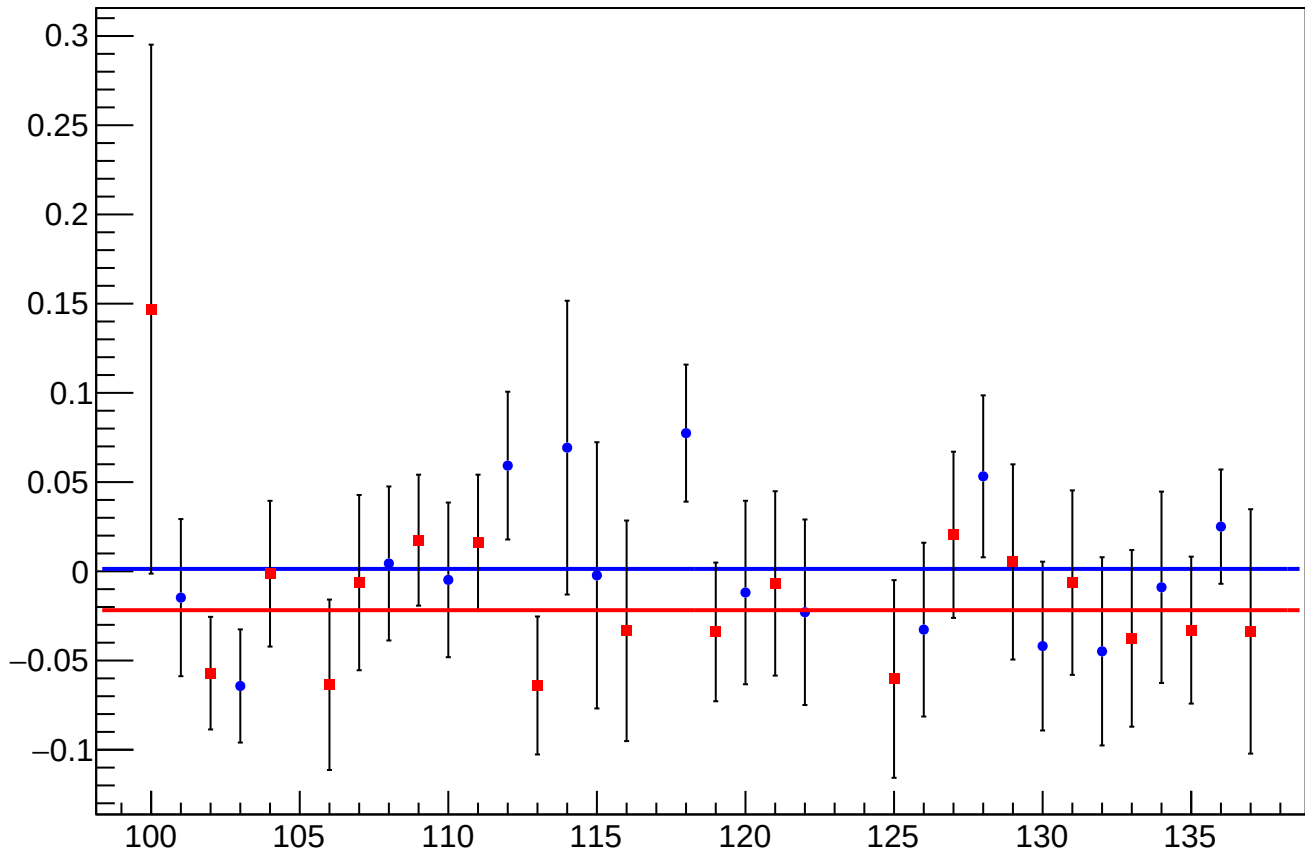
Right: 28.623 $\pm$ 0.005 χ^2 /NDF: 372352.6/33

In: 29.146 $\pm$ 0.008 χ^2 /NDF:176889.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.623 $\pm$ 0.005 χ^2 /NDF: 372352.6/33

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.001 $\pm$ 0.011 χ^2 /NDF: 15.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.022 $\pm$ 0.011 χ^2 /NDF: 9.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

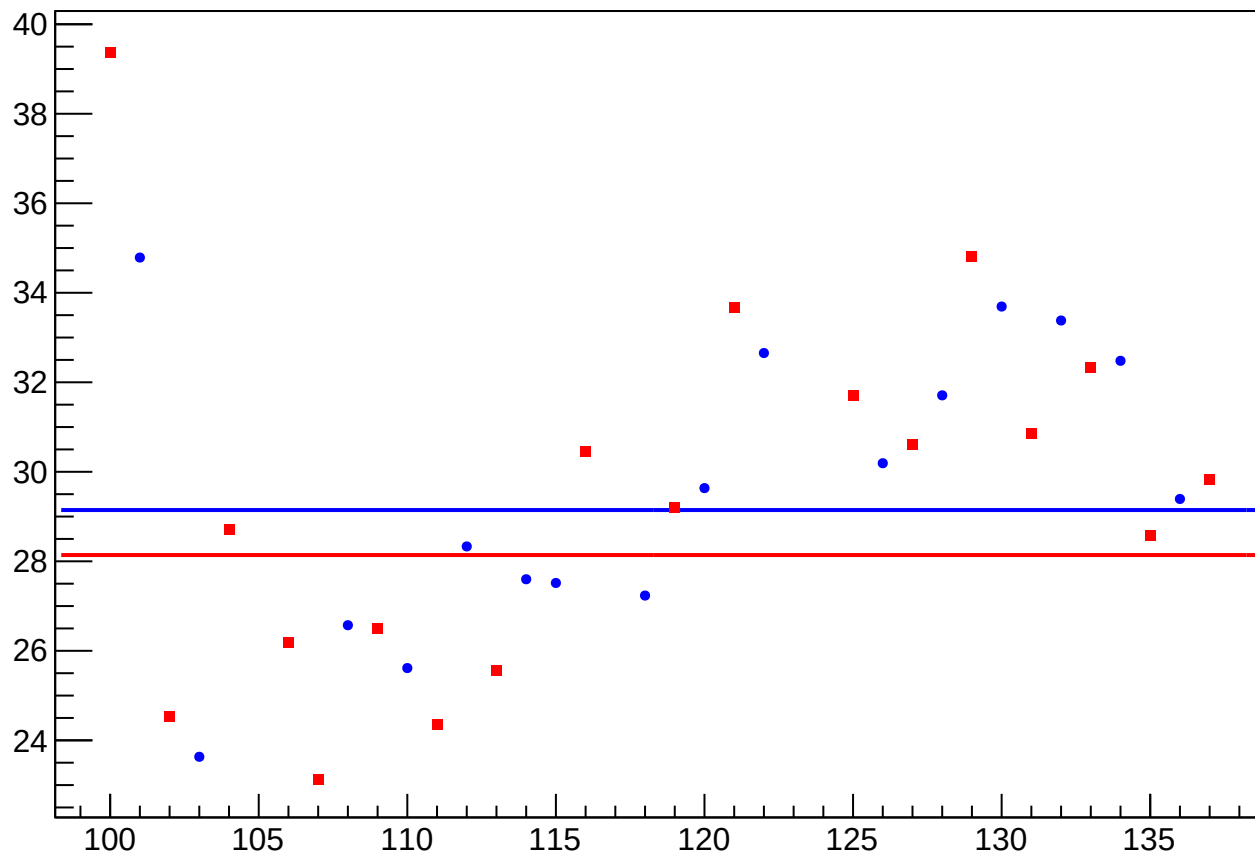
Right: -0.011 $\pm$ 0.008 χ^2 /NDF: 26.5/33

In: 0.001 $\pm$ 0.011 χ^2 /NDF:15.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.011 $\pm$ 0.008 χ^2 /NDF: 26.5/33

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.146+/-0.008 χ^2/NDF : 176889.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.140+/-0.008 χ^2/NDF : 187103.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

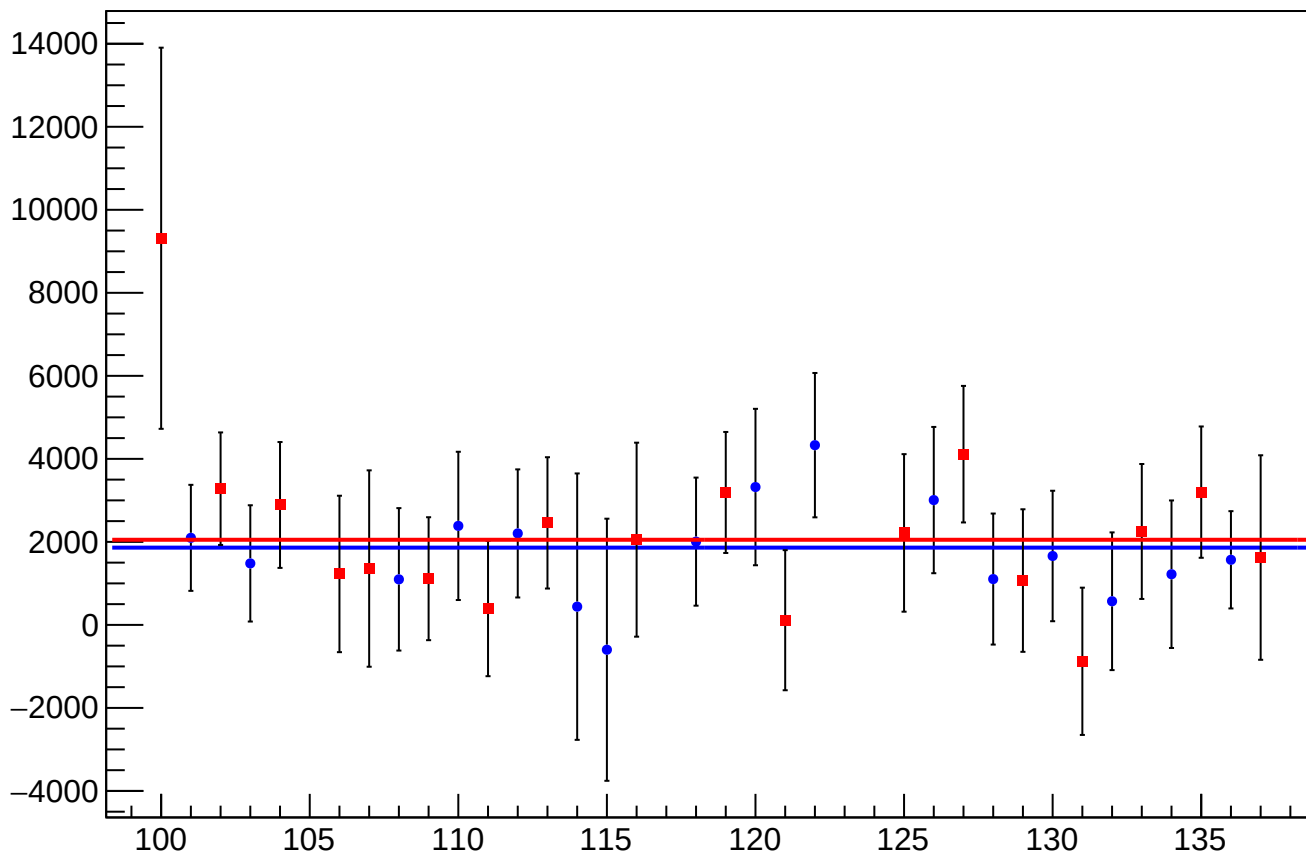
Right: 28.623+/-0.005 χ^2/NDF : 372352.6/33

In: 29.146+/-0.008 χ^2/NDF :176889.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.623+/-0.005 χ^2/NDF : 372352.6/33

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525 $\pm$ 409.524 χ^2 /NDF: 5.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2050.842 $\pm$ 409.249 χ^2 /NDF: 12.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

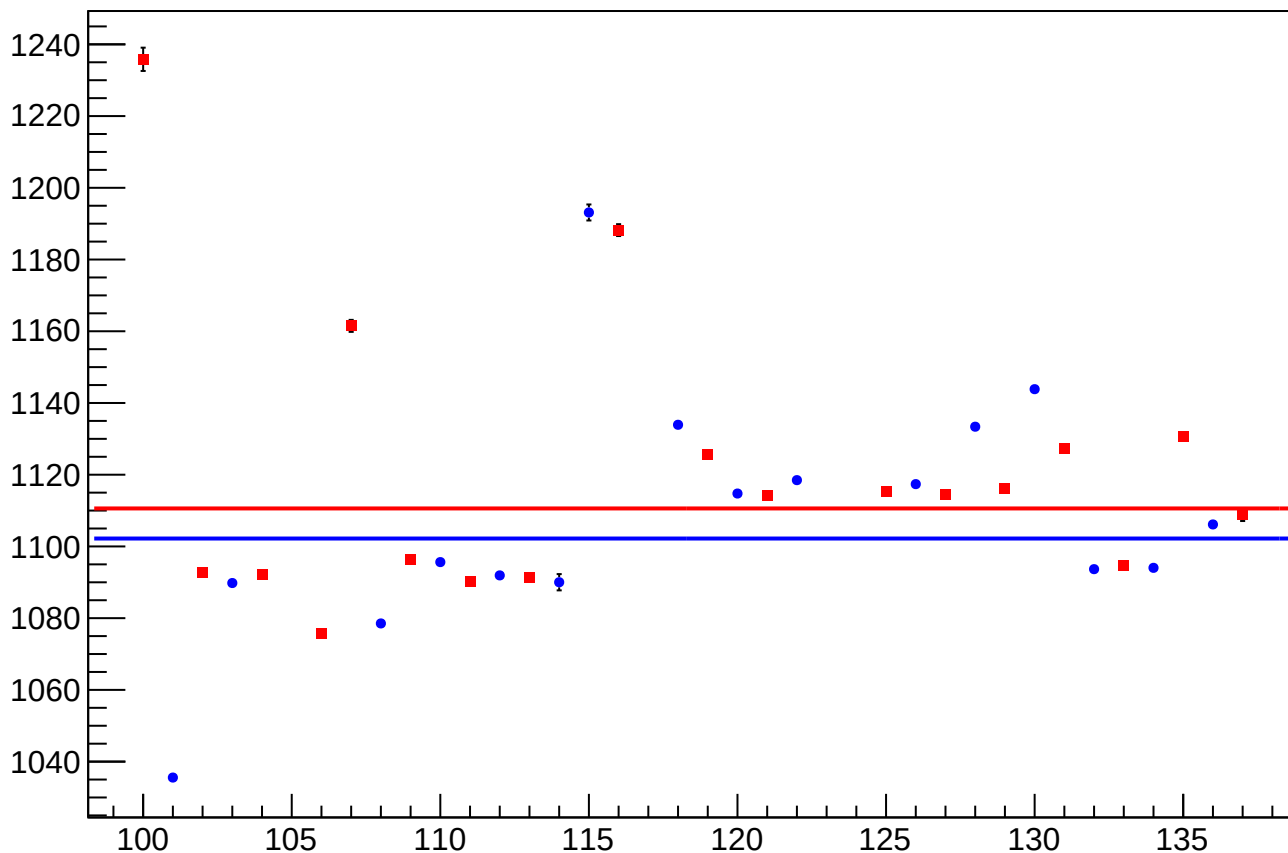
Right: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

In: 1861.525 $\pm$ 409.524 χ^2 /NDF:5.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

reg_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF : 7696.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

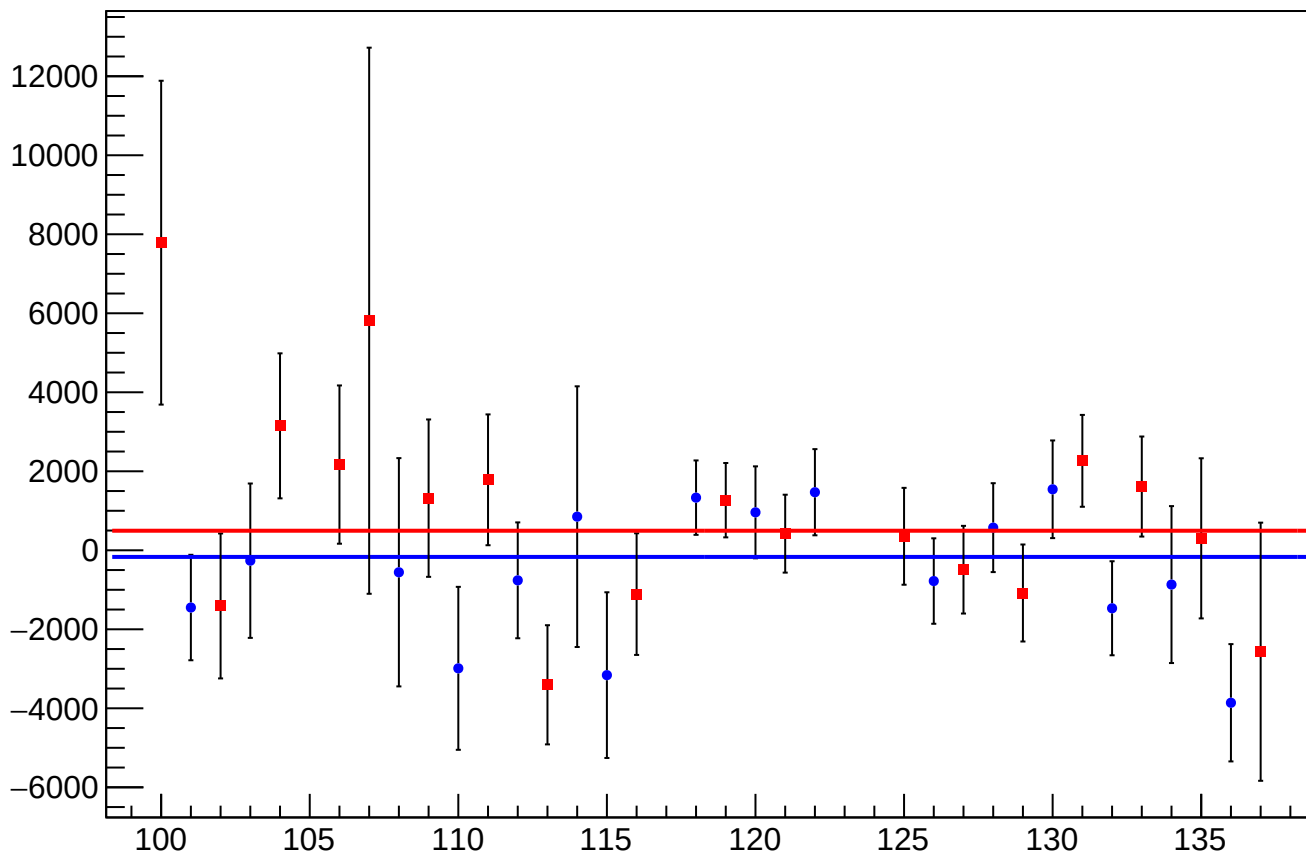
Right: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

asym_usl_reg_correction_mean vs Slug, Sign Corrected



Right In: -167.891 ± 345.441 χ^2/NDF : 21.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 495.172 ± 345.054 χ^2/NDF : 23.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

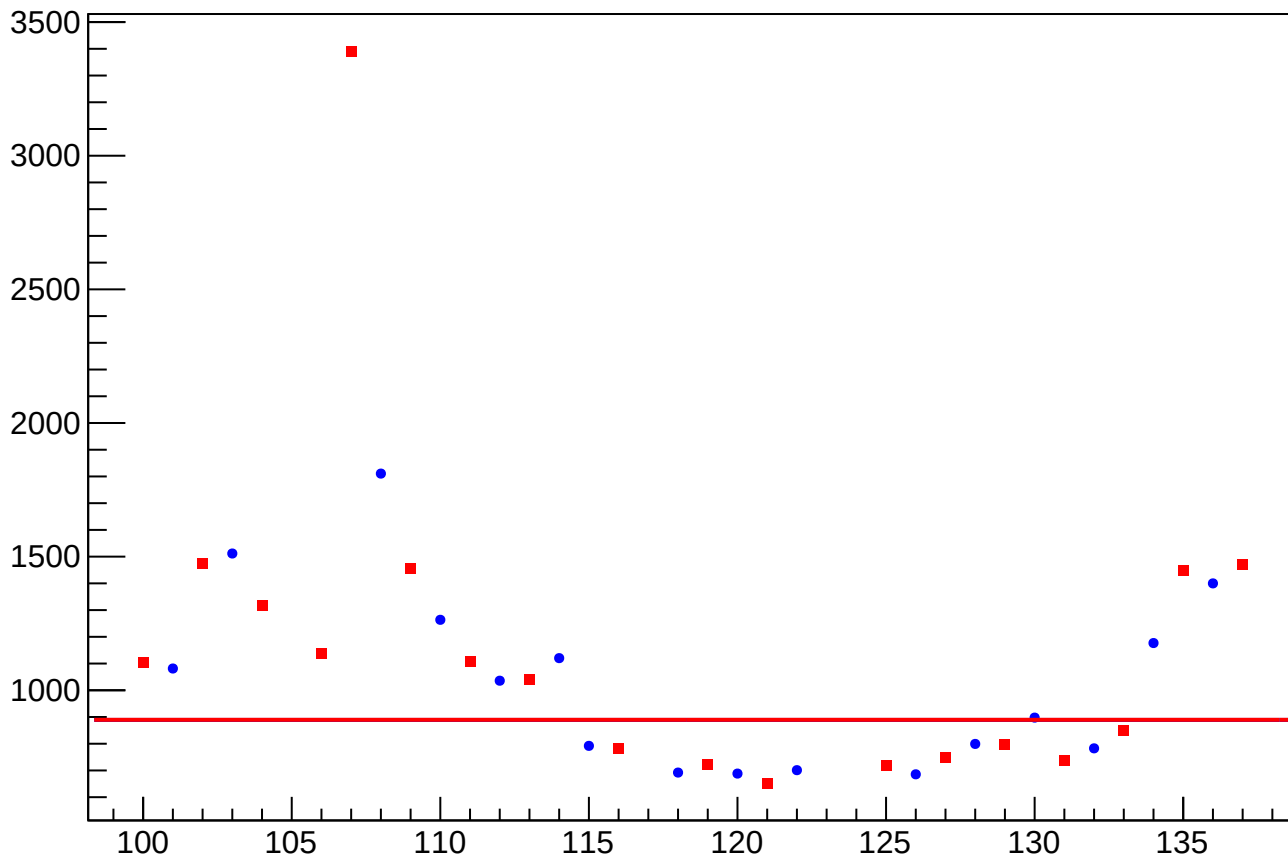
Right: 164.012 ± 244.127 χ^2/NDF : 46.1/33

In: -167.891 ± 345.441 χ^2/NDF : 21.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 164.012 ± 244.127 χ^2/NDF : 46.1/33

asym_usl_reg_correction_rms vs Slug, Sign Corrected



Right In: 888.956+/-0.244 χ^2/NDF : 1132766.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF : 1345750.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

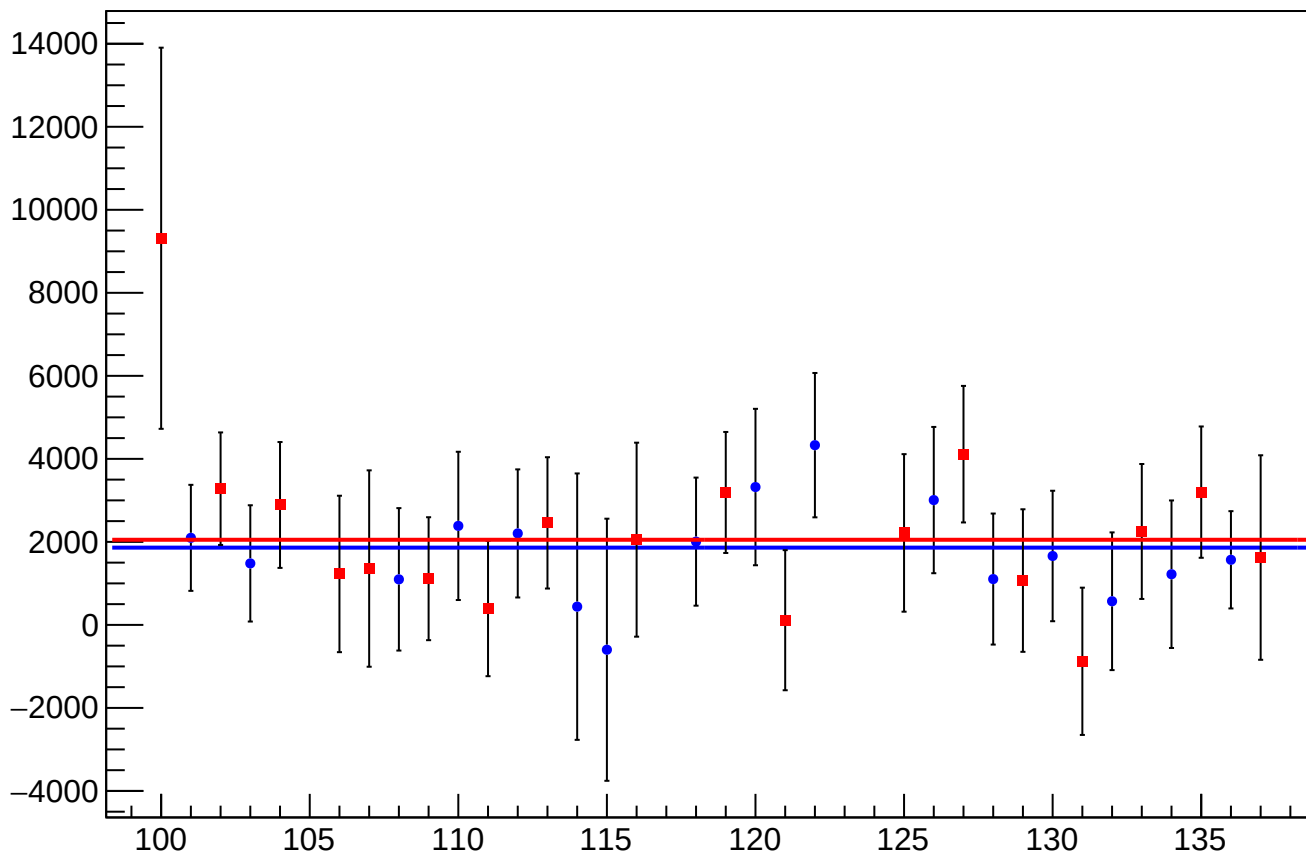
Right: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

In: 888.956+/-0.244 χ^2/NDF :1132766.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525 $\pm$ 409.524 χ^2 /NDF: 5.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2050.842 $\pm$ 409.249 χ^2 /NDF: 12.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

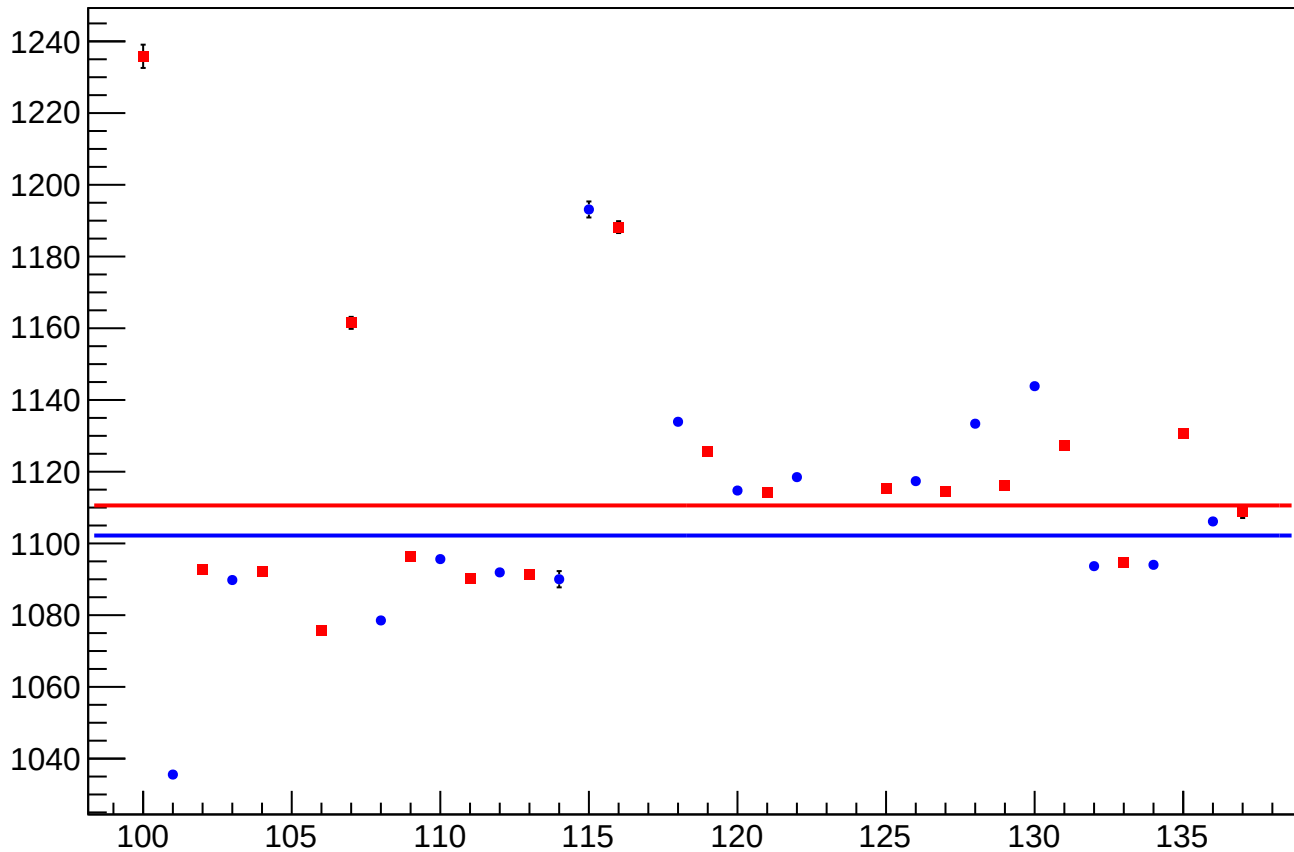
Right: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

In: 1861.525 $\pm$ 409.524 χ^2 /NDF:5.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF : 7696.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

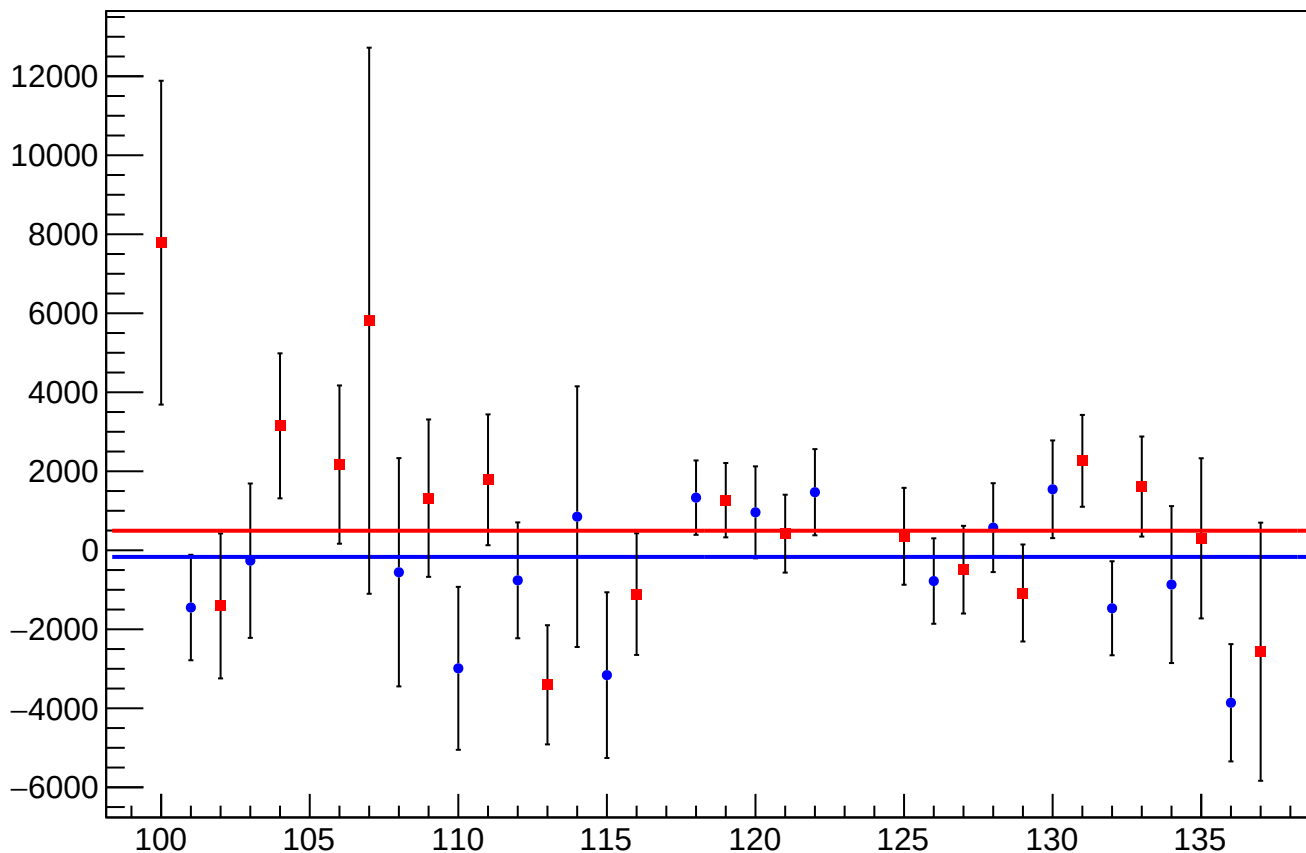
Right: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

asym_usl_cor_correction_mean vs Slug, Sign Corrected



Right In: -167.891+/-345.441 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.172+/-345.054 χ^2/NDF : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

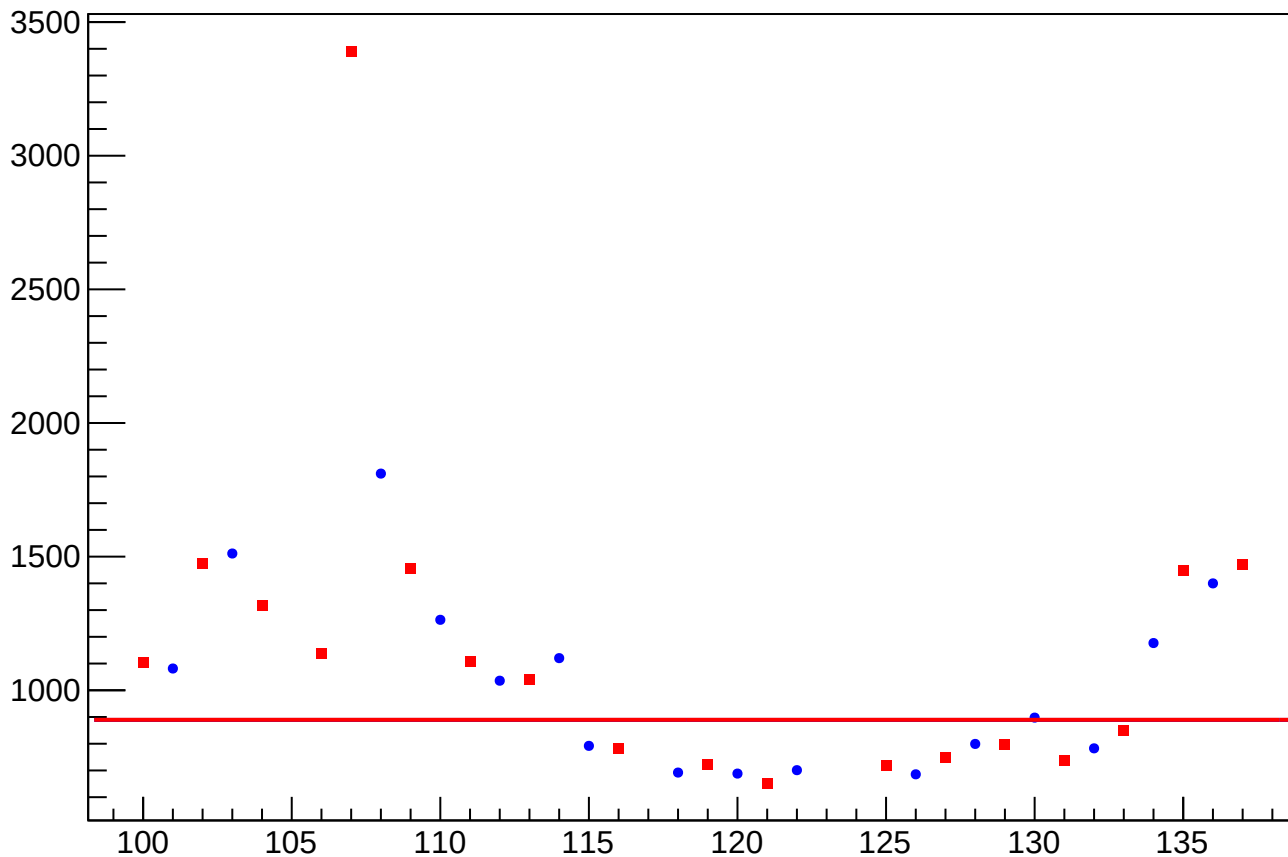
Right: 164.012+/-244.127 χ^2/NDF : 46.1/33

In: -167.891+/-345.441 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.012+/-244.127 χ^2/NDF : 46.1/33

asym_usl_cor_correction_rms vs Slug, Sign Corrected



Right In: 888.956+/-0.244 χ^2/NDF : 1132766.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF : 1345750.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

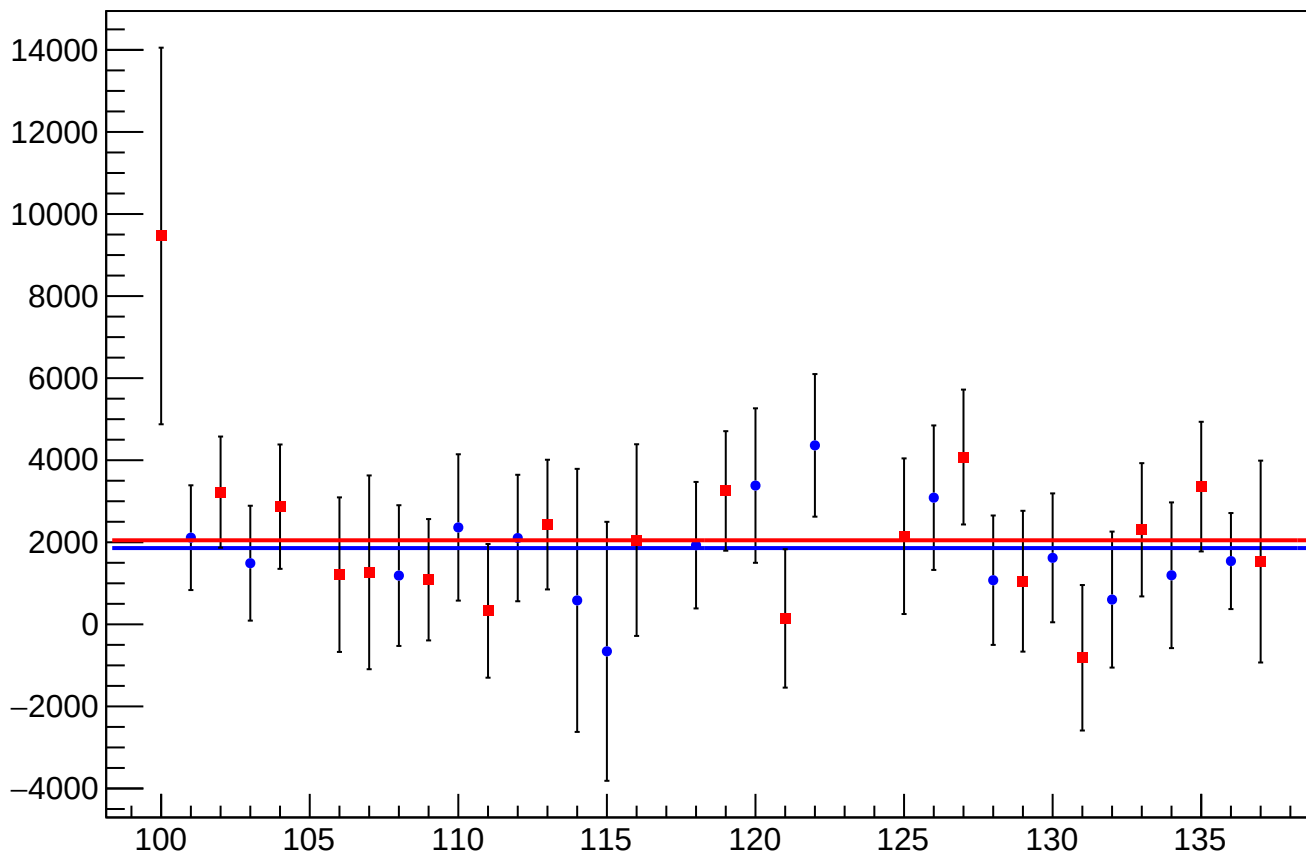
Right: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

In: 888.956+/-0.244 χ^2/NDF : 1132766.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

overload_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1858.683+/-409.170 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2048.674+/-408.894 χ^2/NDF : 12.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

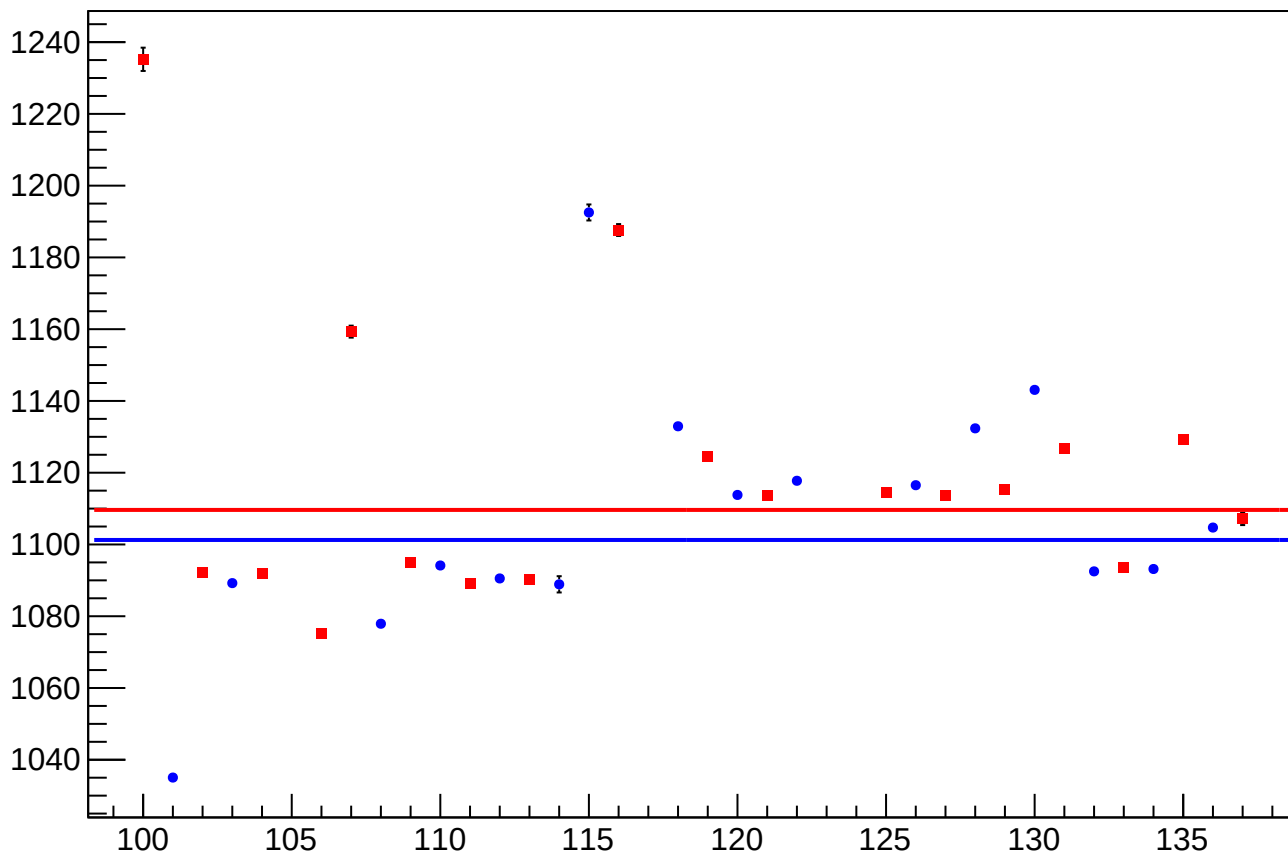
Right: 1953.743+/-289.229 χ^2/NDF : 18.3/33

In: 1858.683+/-409.170 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1953.743+/-289.229 χ^2/NDF : 18.3/33

overload_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1101.254+/-0.289 χ^2/NDF : 11308.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1109.629+/-0.289 χ^2/NDF : 7673.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

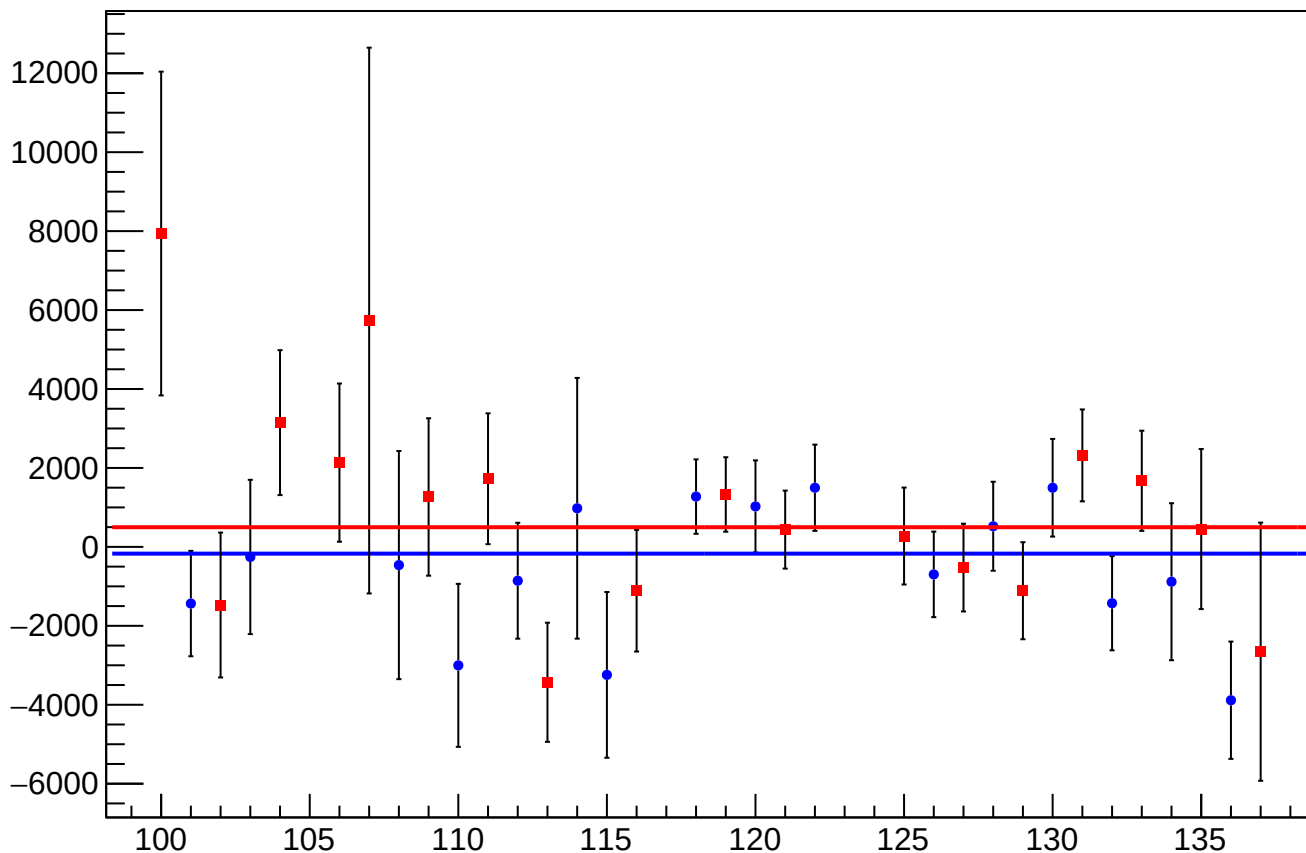
Right: 1105.444+/-0.205 χ^2/NDF : 19400.5/33

In: 1101.254+/-0.289 χ^2/NDF : 11308.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.444+/-0.205 χ^2/NDF : 19400.5/33

asym_usl_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -170.930+/-345.980 χ^2/NDF : 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 497.957+/-345.565 χ^2/NDF : 23.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

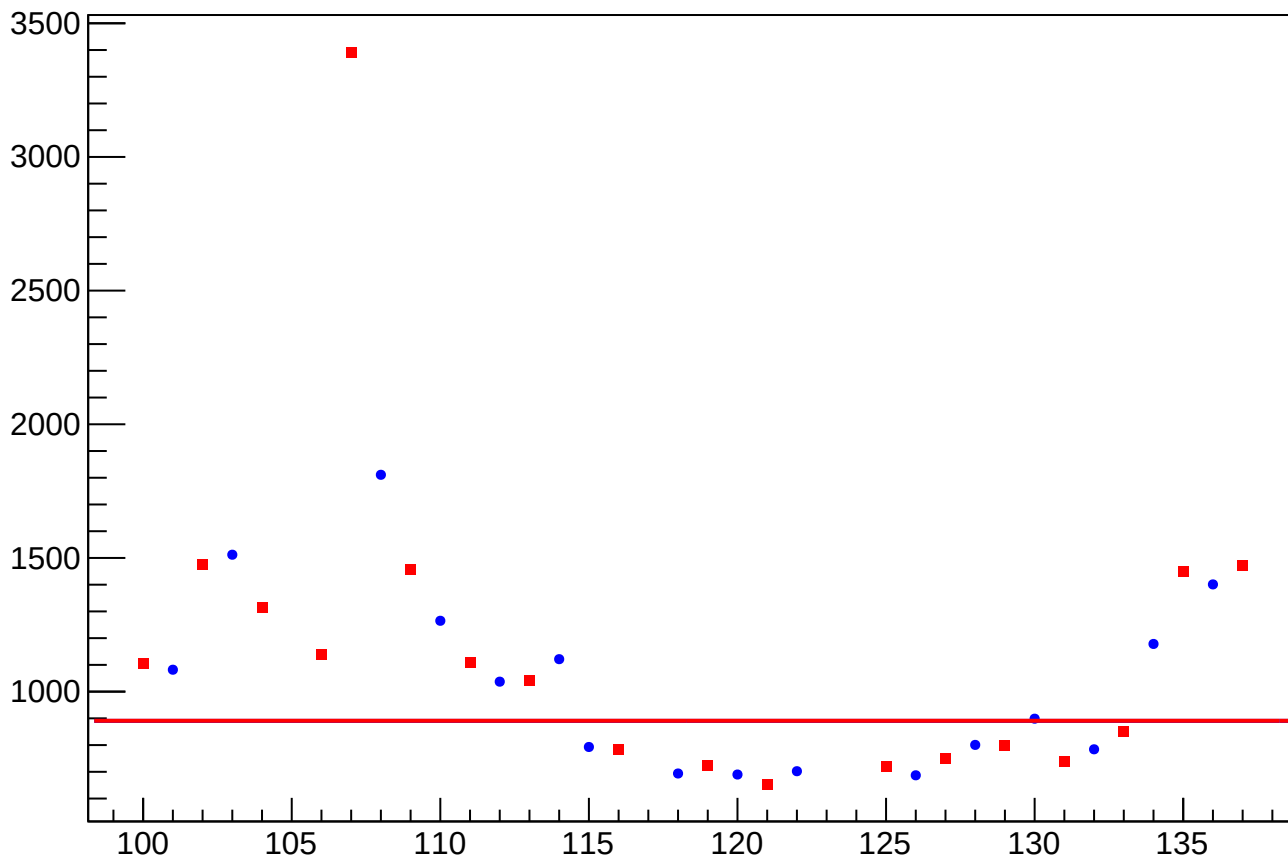
Right: 163.915+/-244.498 χ^2/NDF : 46.7/33

In: -170.930+/-345.980 χ^2/NDF :20.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 163.915+/-244.498 χ^2/NDF : 46.7/33

asym_usl_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 890.495+/-0.245 χ^2/NDF : 1128739.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.938+/-0.244 χ^2/NDF : 1341804.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

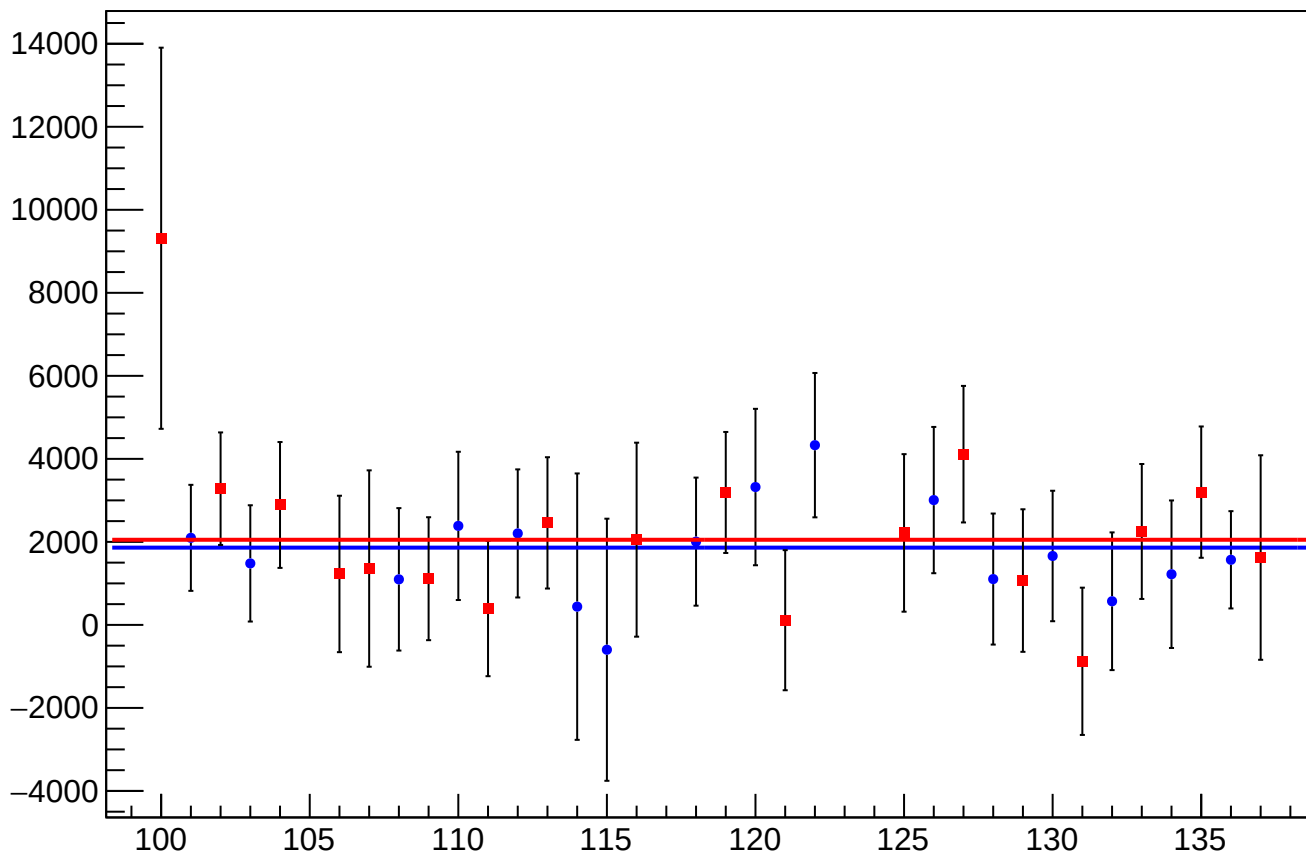
Right: 890.717+/-0.173 χ^2/NDF : 2470545.1/33

In: 890.495+/-0.245 χ^2/NDF : 1128739.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 890.717+/-0.173 χ^2/NDF : 2470545.1/33

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525 $\pm$ 409.524 χ^2 /NDF: 5.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2050.842 $\pm$ 409.249 χ^2 /NDF: 12.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

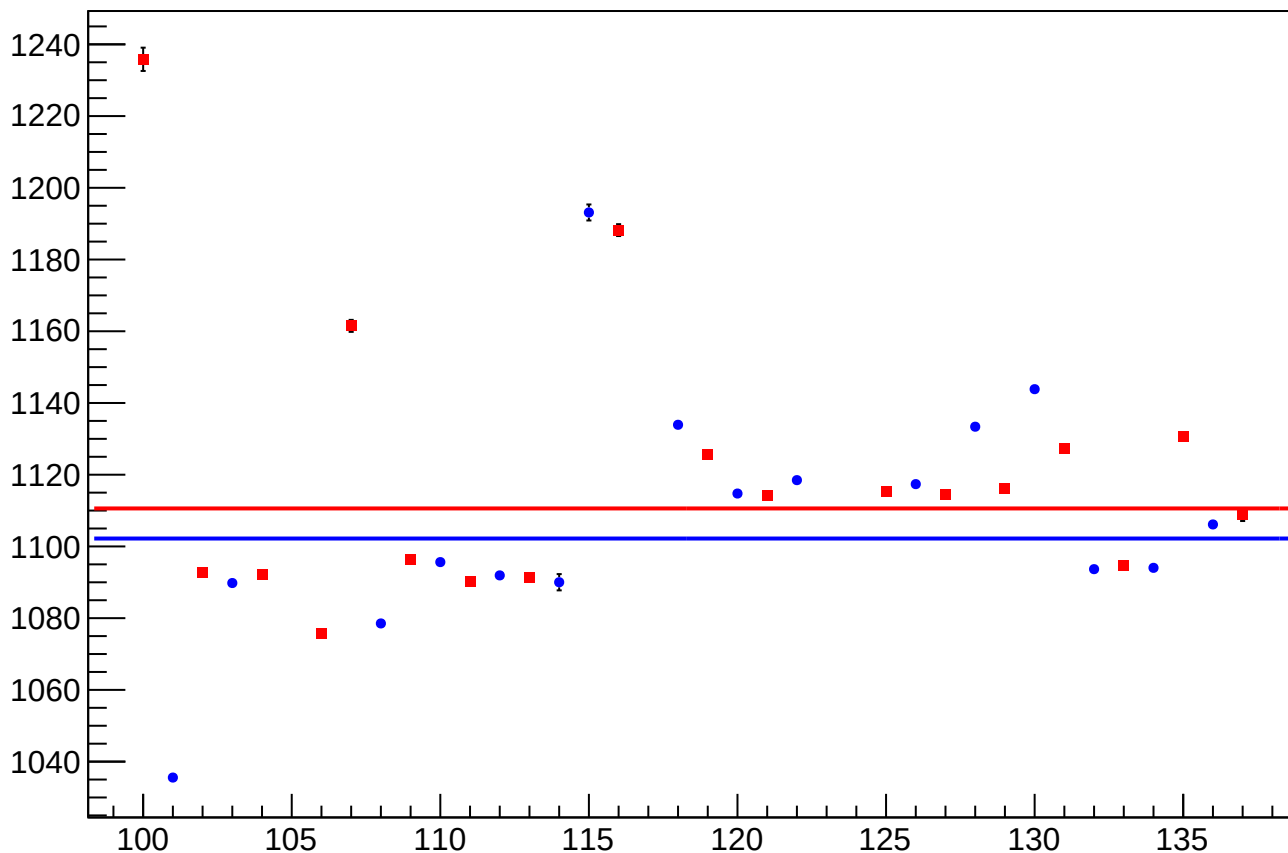
Right: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

In: 1861.525 $\pm$ 409.524 χ^2 /NDF:5.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1956.247 $\pm$ 289.480 χ^2 /NDF: 18.0/33

eigen_cor_asym_usl_rms vs Slug, Sign Corrected



Right In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1110.592+/-0.289 χ^2/NDF : 7696.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

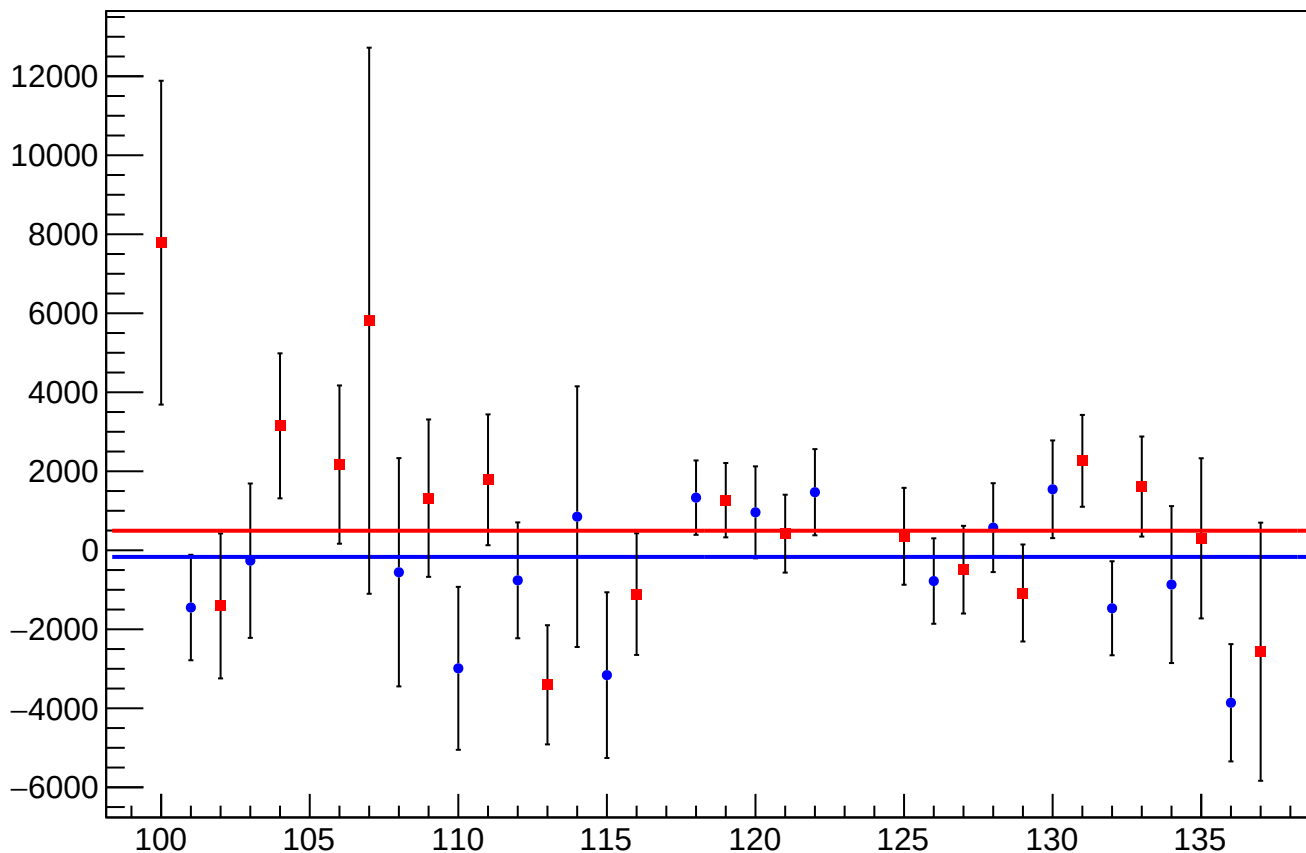
Right: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

In: 1102.205+/-0.290 χ^2/NDF : 11348.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.401+/-0.205 χ^2/NDF : 19464.6/33

asym_usl_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -167.891+/-345.441 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.172+/-345.054 χ^2/NDF : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

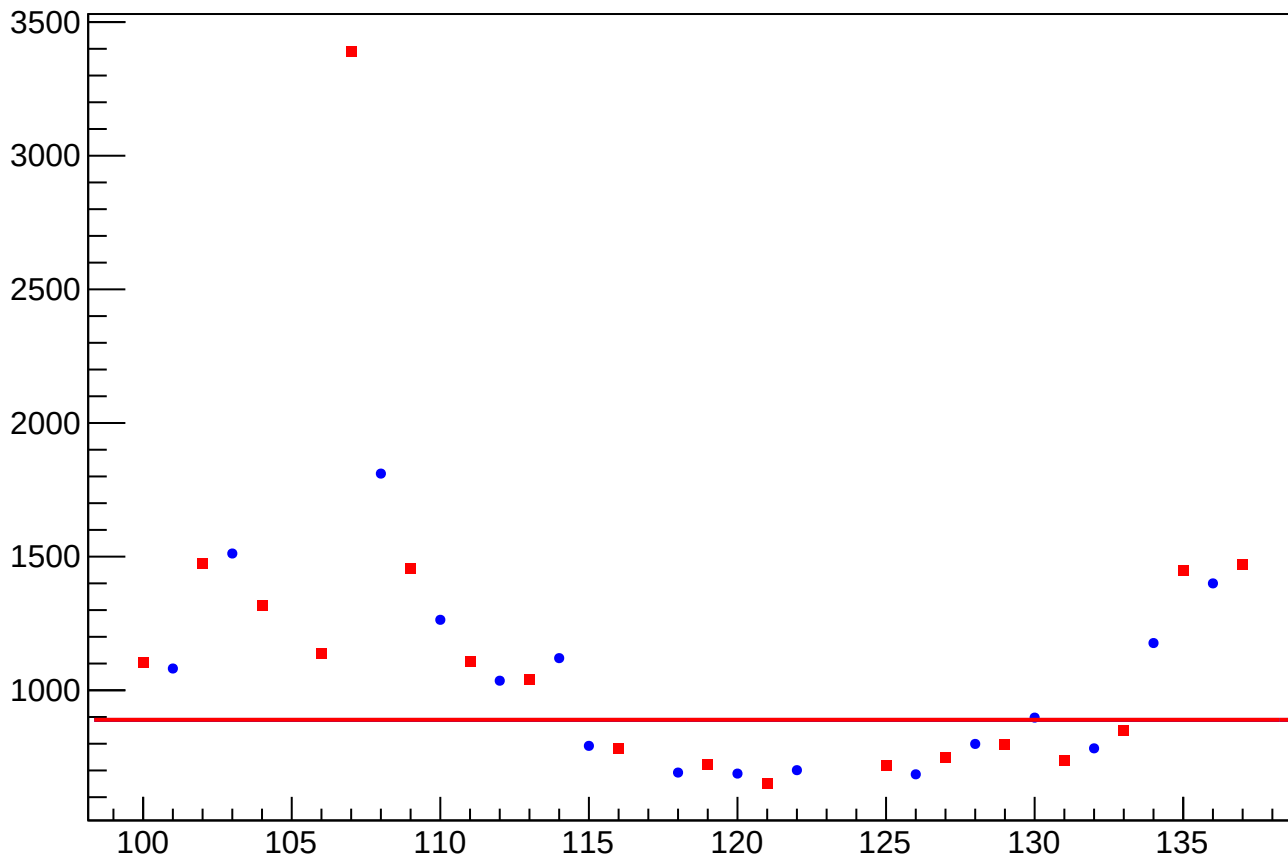
Right: 164.012+/-244.127 χ^2/NDF : 46.1/33

In: -167.891+/-345.441 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.012+/-244.127 χ^2/NDF : 46.1/33

asym_usl_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 888.956+/-0.244 χ^2/NDF : 1132766.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 889.478+/-0.244 χ^2/NDF : 1345750.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

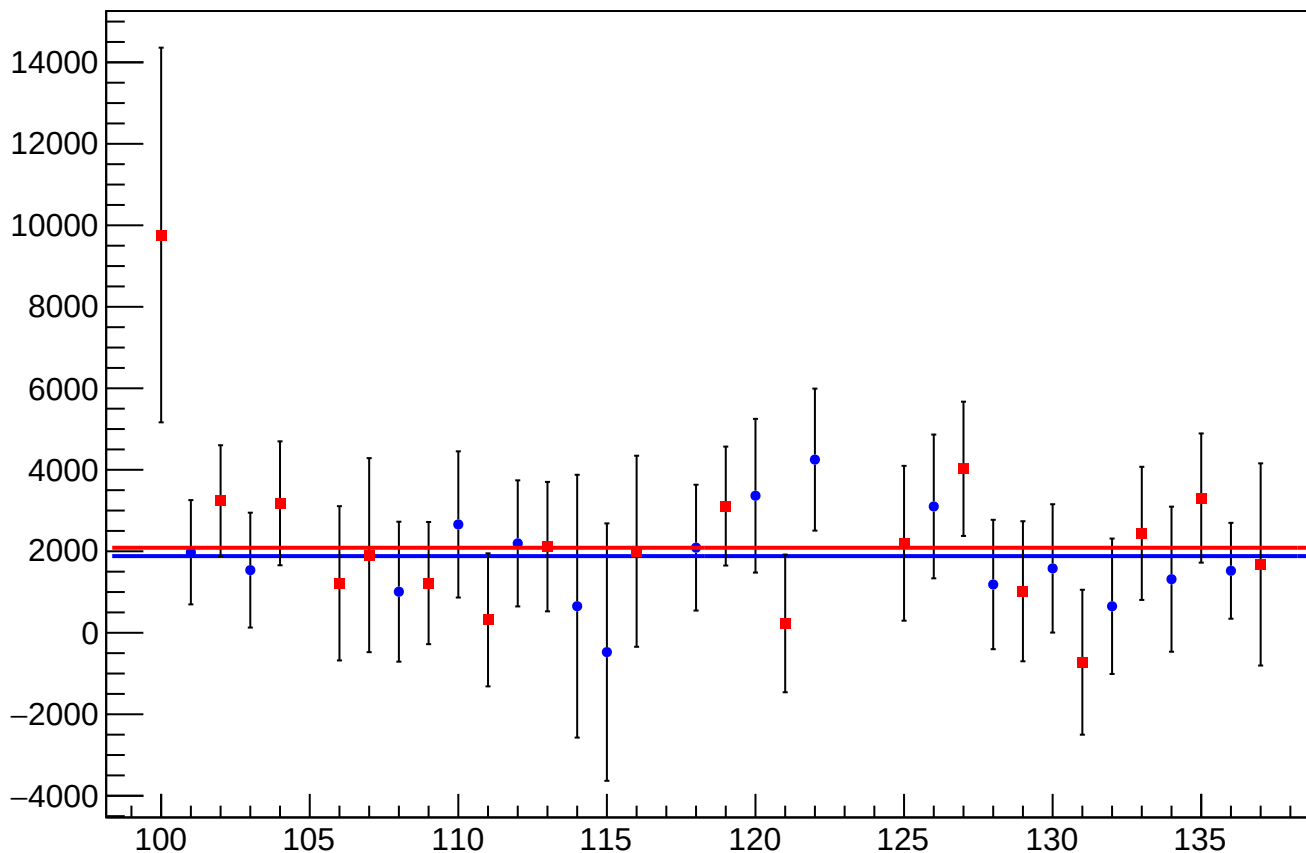
Right: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

In: 888.956+/-0.244 χ^2/NDF : 1132766.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.217+/-0.173 χ^2/NDF : 2478518.8/33

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1881.524+/-410.700 χ^2/NDF : 5.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2086.886+/-410.785 χ^2/NDF : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

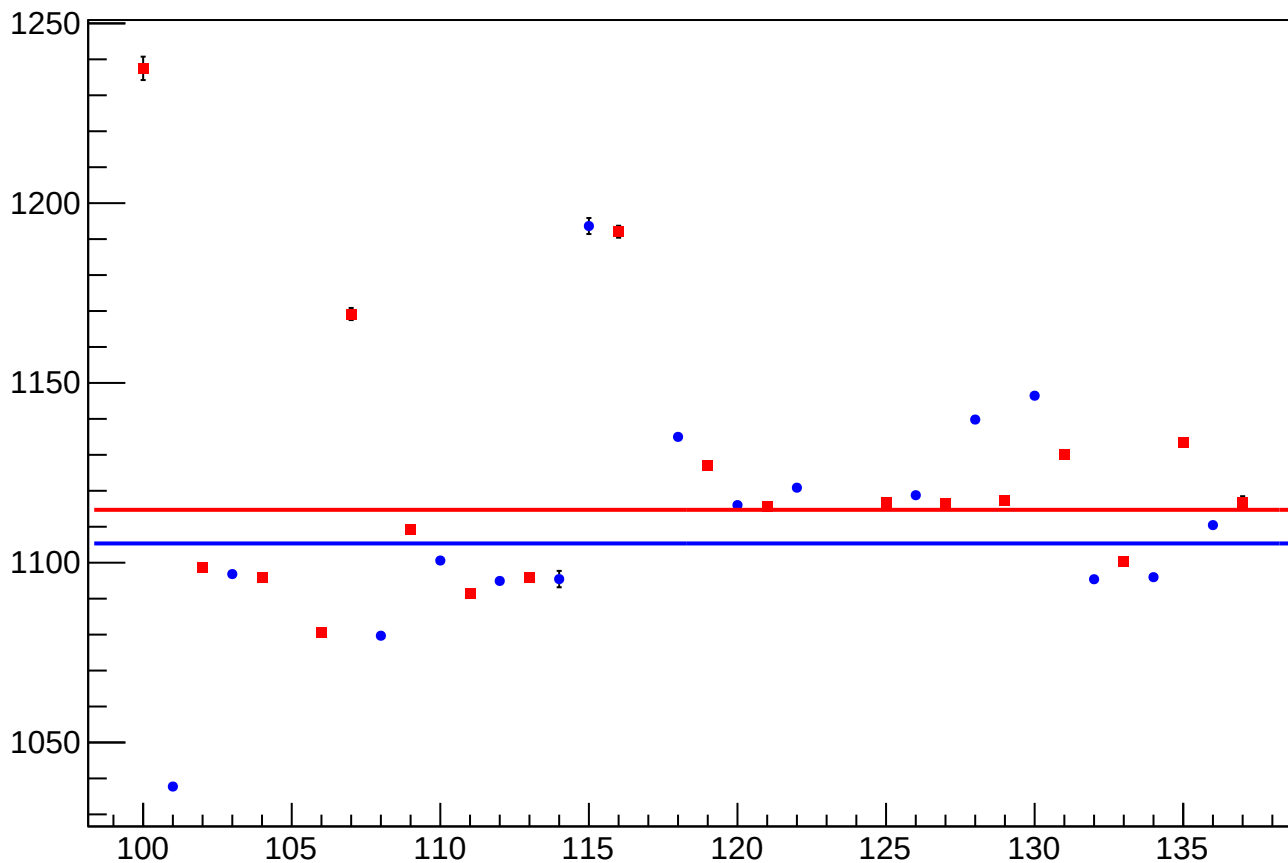
Right: 1984.184+/-290.439 χ^2/NDF : 17.7/33

In: 1881.524+/-410.700 χ^2/NDF : 5.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.184+/-290.439 χ^2/NDF : 17.7/33

dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.355 ± 0.290 χ^2/NDF : 11330.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1114.705 ± 0.290 χ^2/NDF : 7330.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

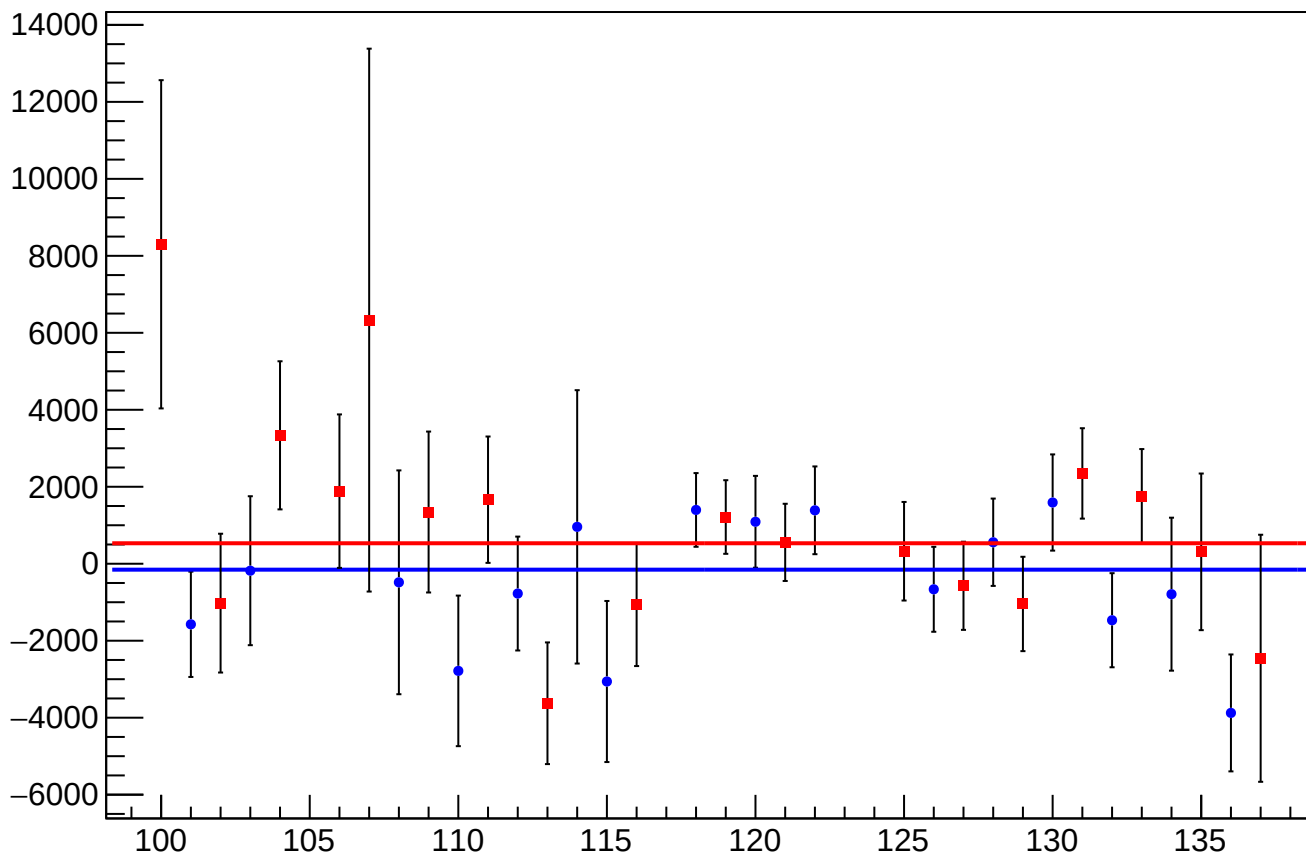
Right: 1110.029 ± 0.205 χ^2/NDF : 19179.4/33

In: 1105.355 ± 0.290 χ^2/NDF : 11330.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1110.029 ± 0.205 χ^2/NDF : 19179.4/33

asym_usl_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.999+/-351.318 χ^2/NDF : 20.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.155+/-350.407 χ^2/NDF : 23.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

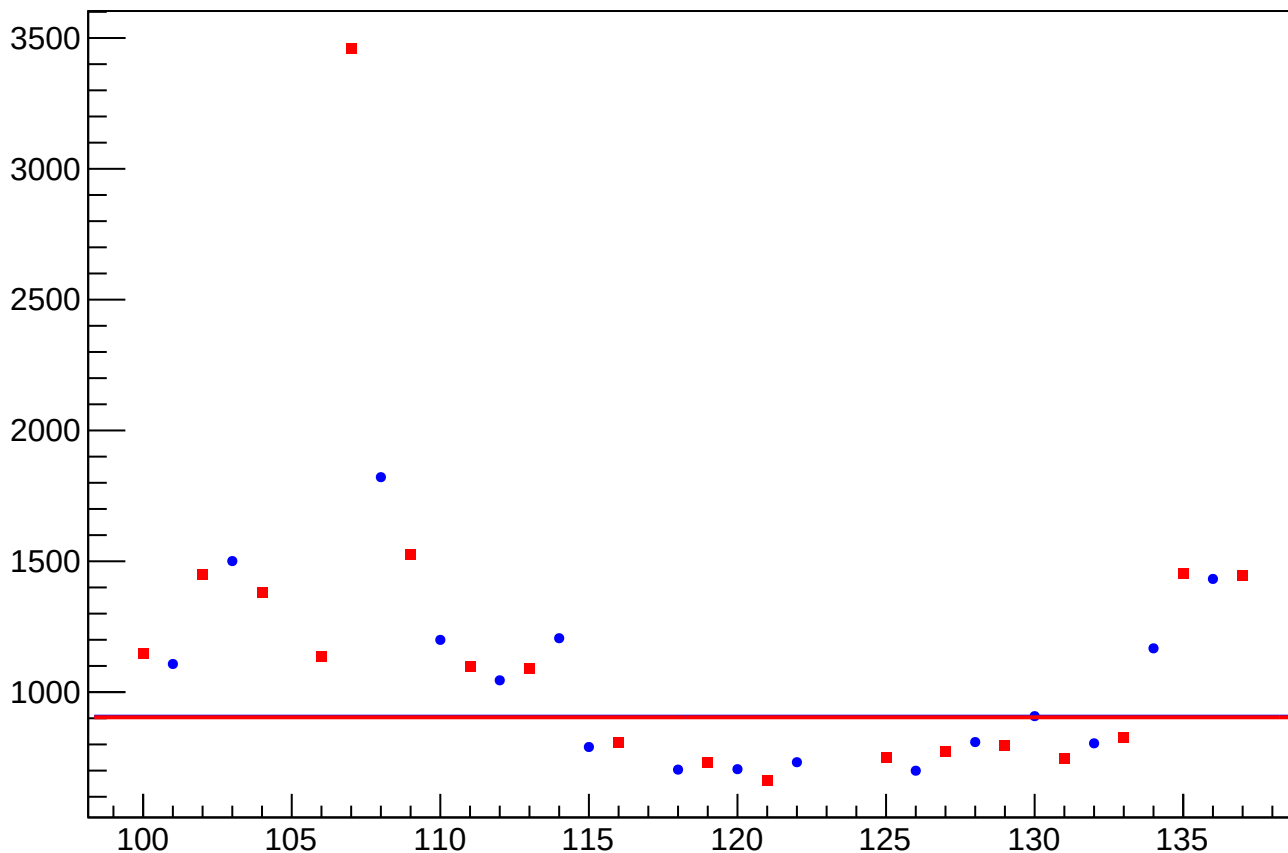
Right: 189.968+/-248.097 χ^2/NDF : 45.6/33

In: -153.999+/-351.318 χ^2/NDF : 20.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.968+/-248.097 χ^2/NDF : 45.6/33

asym_usl_dit_correction_rms vs Slug, Sign Corrected



Right In: 906.036+/-0.248 χ^2/NDF : 1079435.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 903.753+/-0.248 χ^2/NDF : 1339982.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

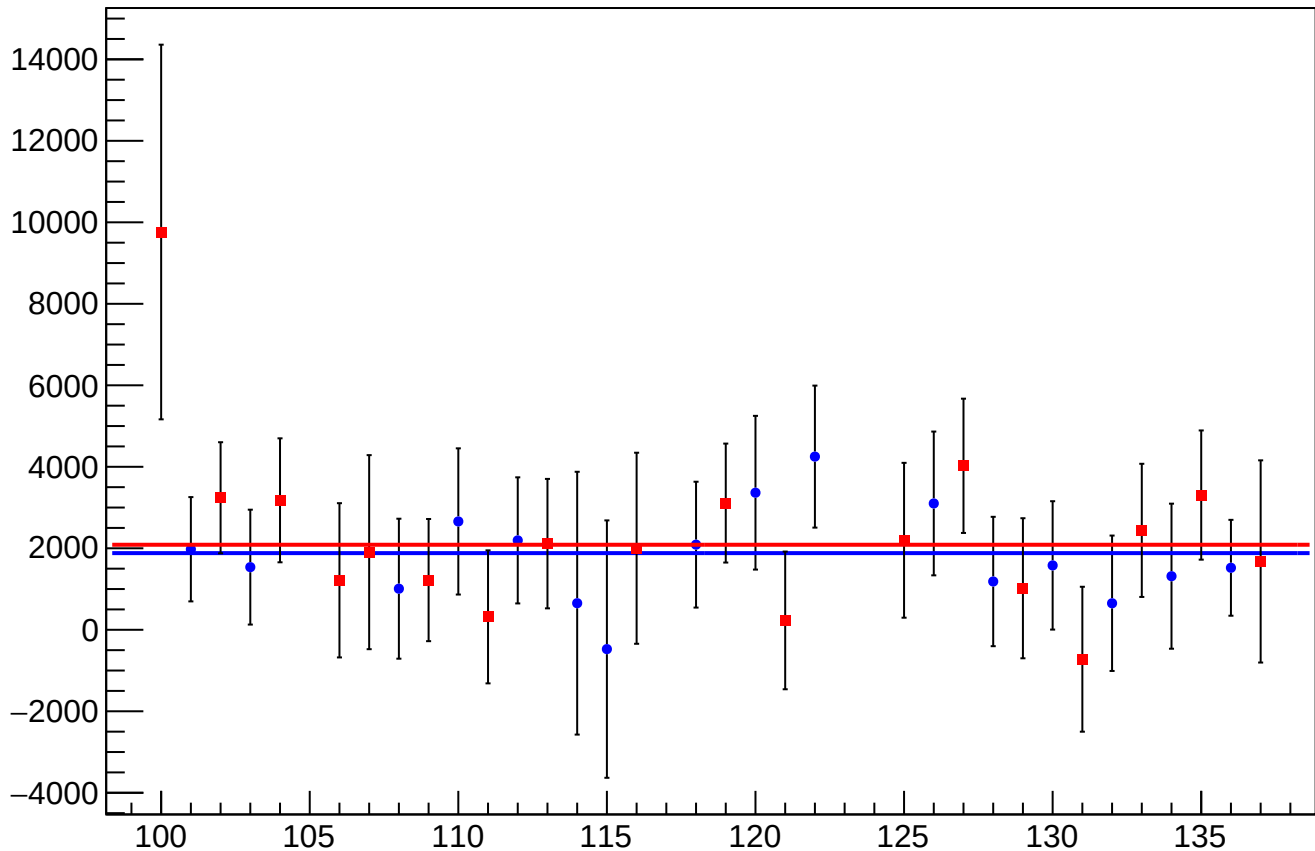
Right: 904.892+/-0.175 χ^2/NDF : 2419459.6/33

In: 906.036+/-0.248 χ^2/NDF : 1079435.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.892+/-0.175 χ^2/NDF : 2419459.6/33

eigen_dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1881.523+/-410.700 χ^2/NDF : 5.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2086.884+/-410.785 χ^2/NDF : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

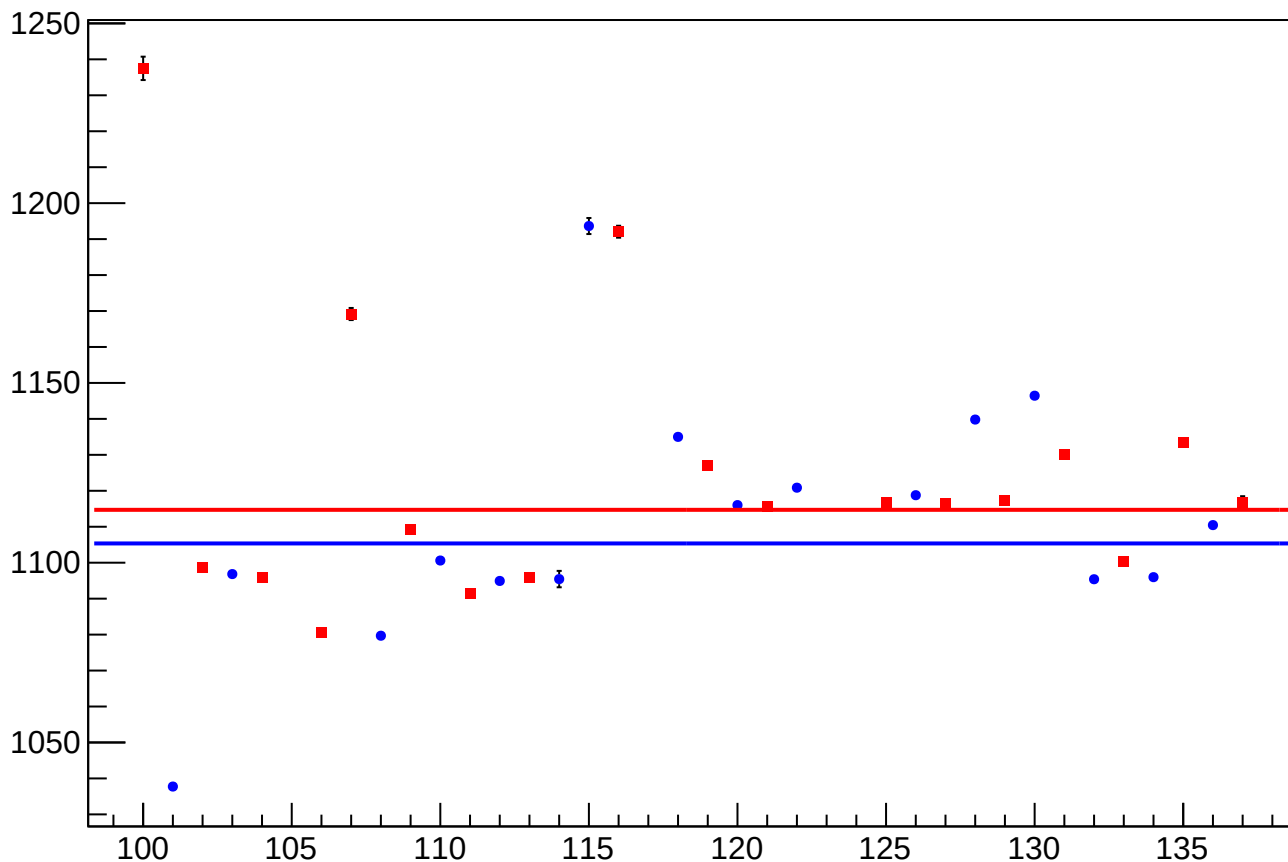
Right: 1984.182+/-290.439 χ^2/NDF : 17.7/33

In: 1881.523+/-410.700 χ^2/NDF : 5.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1984.182+/-290.439 χ^2/NDF : 17.7/33

eigen_dit_asym_usl_rms vs Slug, Sign Corrected



Right In: 1105.355+/-0.290 χ^2/NDF : 11330.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1114.705+/-0.290 χ^2/NDF : 7330.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

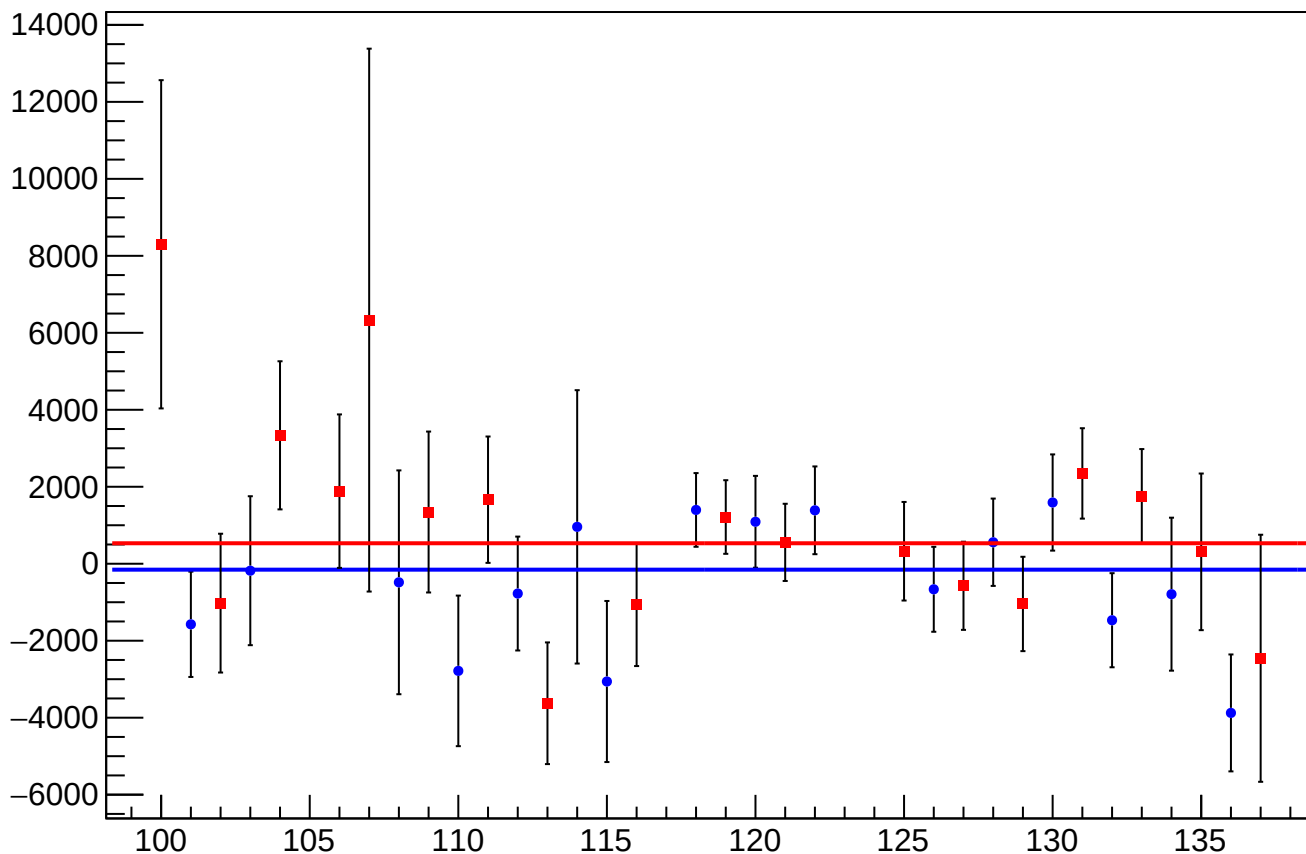
Right: 1110.029+/-0.205 χ^2/NDF : 19179.3/33

In: 1105.355+/-0.290 χ^2/NDF :11330.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1110.029+/-0.205 χ^2/NDF : 19179.3/33

asym_usl_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -153.998+/-351.317 χ^2/NDF : 20.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 532.154+/-350.406 χ^2/NDF : 23.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

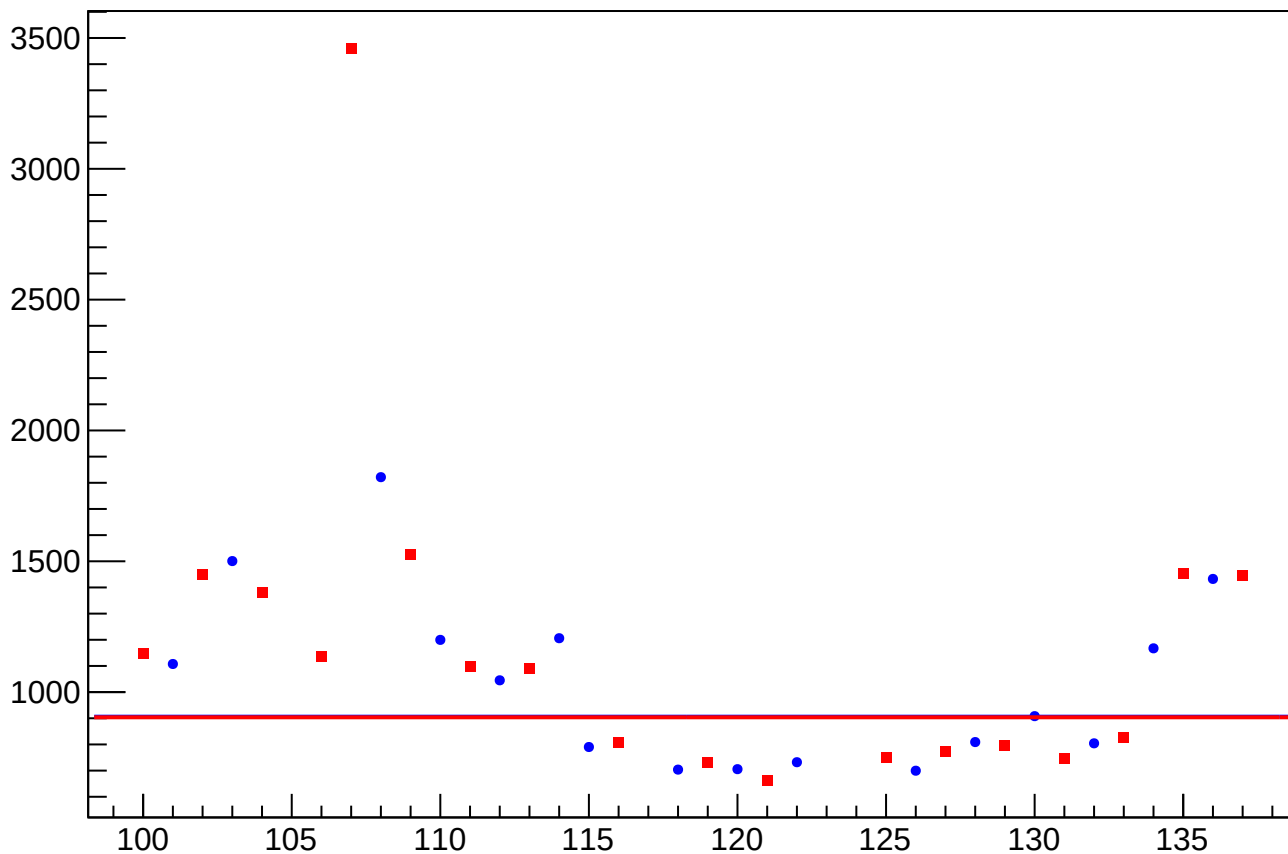
Right: 189.969+/-248.096 χ^2/NDF : 45.6/33

In: -153.998+/-351.317 χ^2/NDF : 20.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.969+/-248.096 χ^2/NDF : 45.6/33

asym_usl_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 906.034+/-0.248 χ^2/NDF : 1079440.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 903.751+/-0.248 χ^2/NDF : 1339985.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

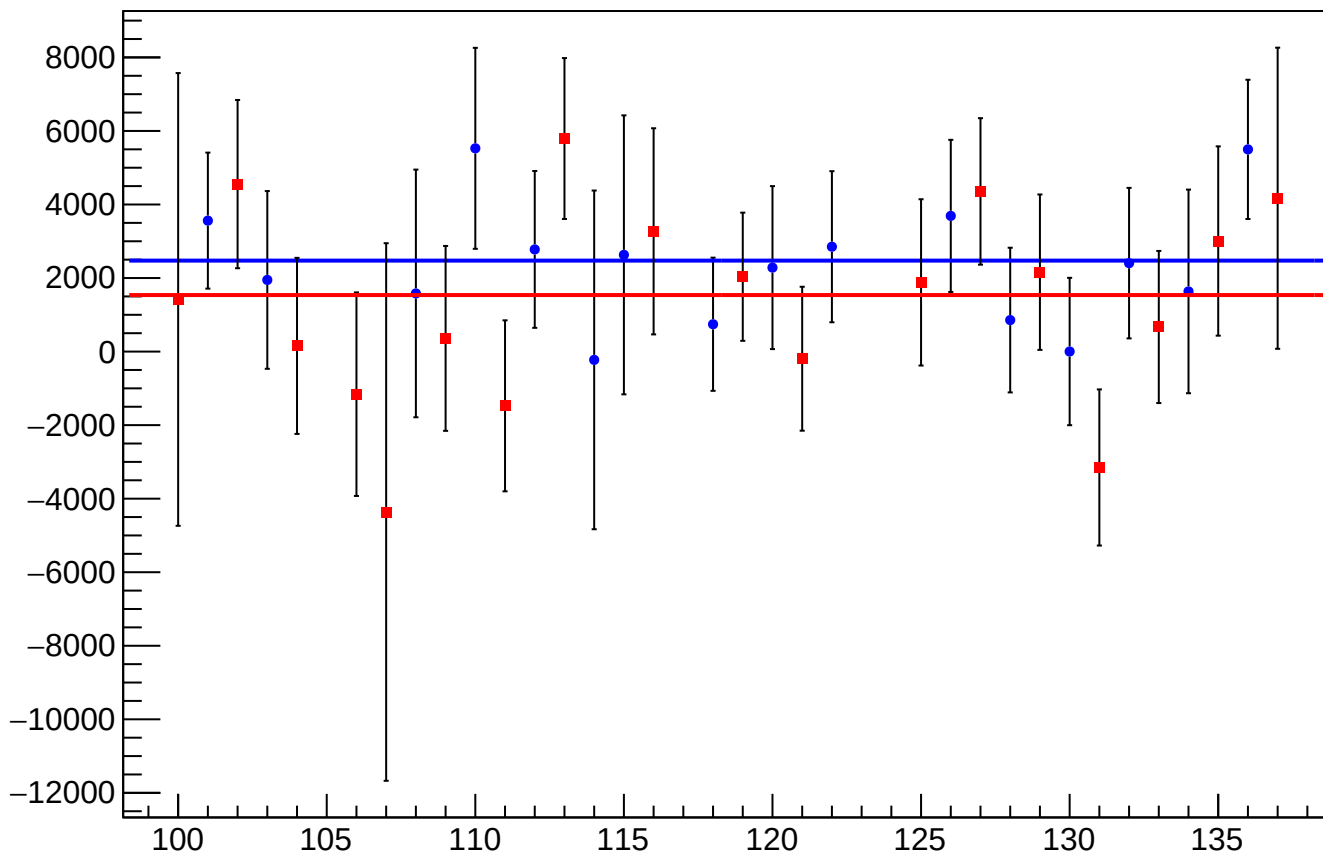
Right: 904.890+/-0.175 χ^2/NDF : 2419467.8/33

In: 906.034+/-0.248 χ^2/NDF : 1079440.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.890+/-0.175 χ^2/NDF : 2419467.8/33

asym_usl_mean vs Slug, Sign Corrected



Right In: 2474.066+/-562.796 χ^2/NDF : 8.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1537.435+/-563.556 χ^2/NDF : 18.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

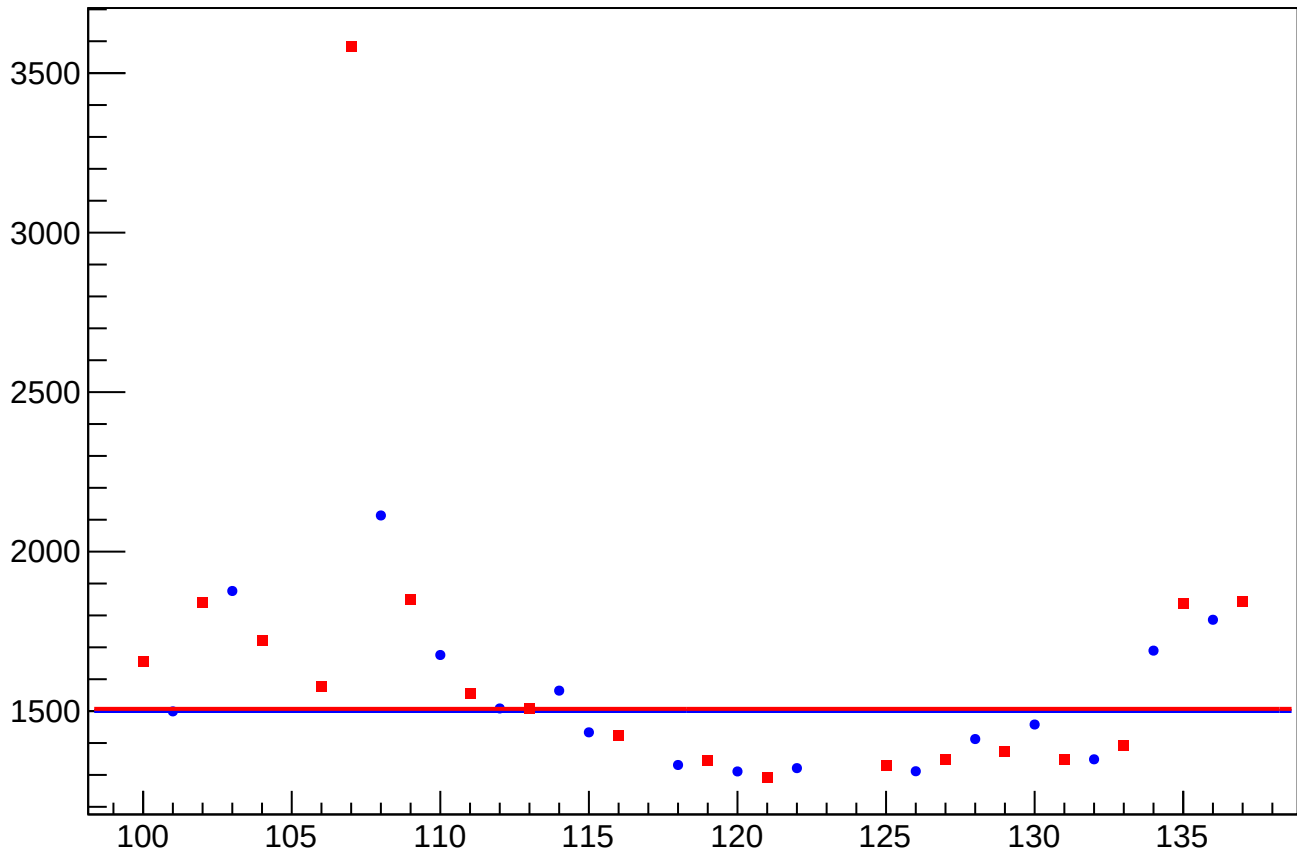
Right: 2006.383+/-398.225 χ^2/NDF : 28.1/33

In: 2474.066+/-562.796 χ^2/NDF : 8.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2006.383+/-398.225 χ^2/NDF : 28.1/33

asym_usl_rms vs Slug, Sign Corrected



Right In: 1500.377+/-0.398 χ^2/NDF : 258792.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1507.098+/-0.398 χ^2/NDF : 401227.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

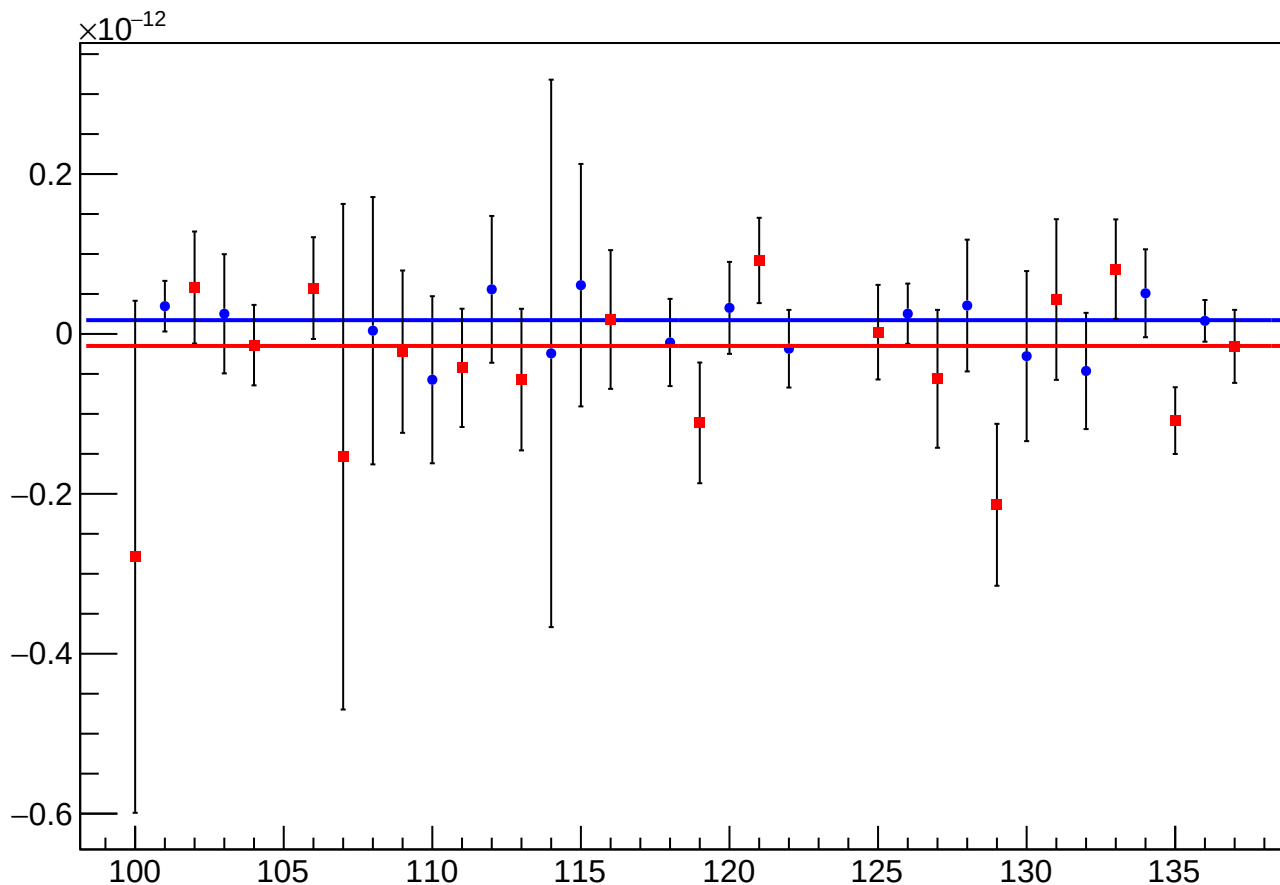
Right: 1503.733+/-0.282 χ^2/NDF : 660162.8/33

In: 1500.377+/-0.398 χ^2/NDF : 258792.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1503.733+/-0.282 χ^2/NDF : 660162.8/33

asym_usl_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

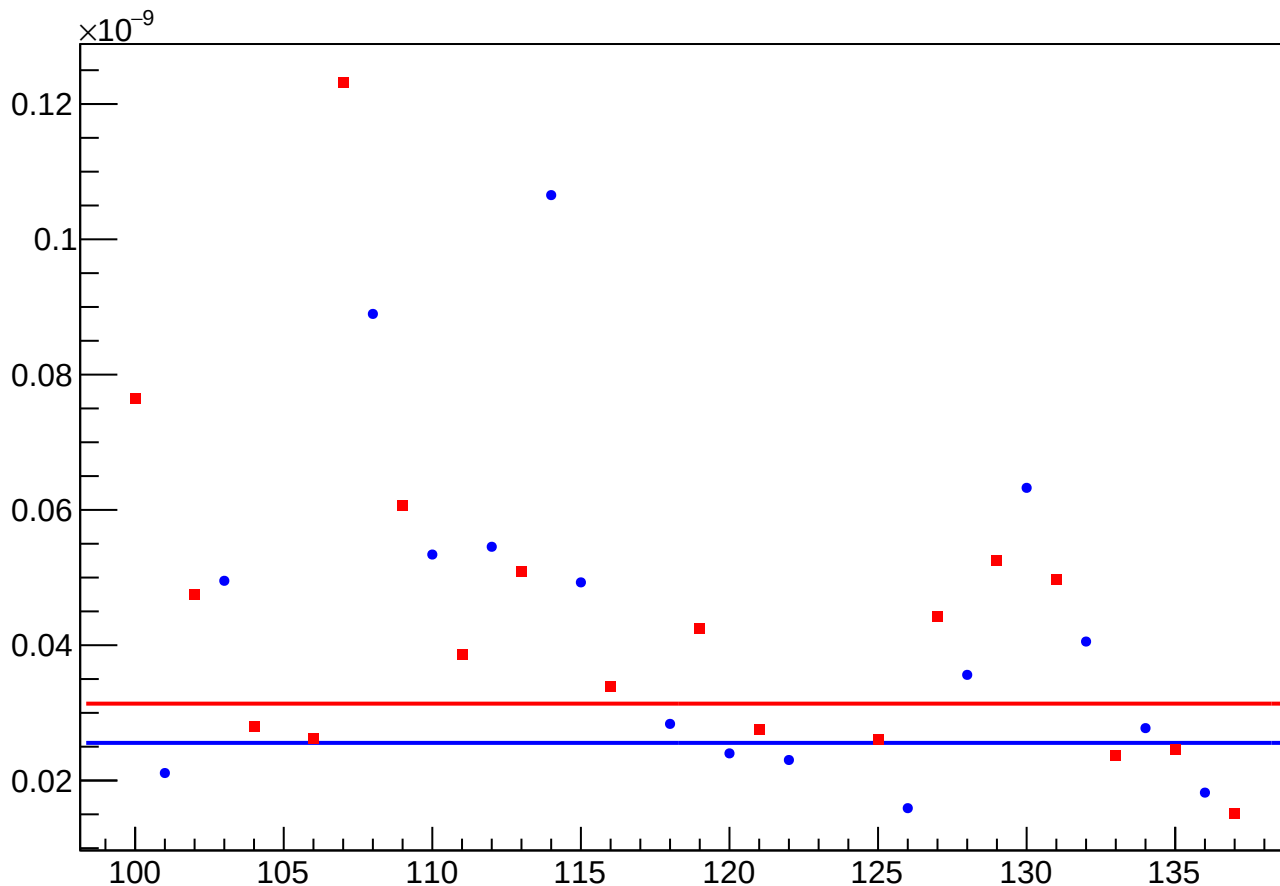
Right: 0.000+/-0.000 χ^2/NDF : 27.0/33

In: 0.000+/-0.000 χ^2/NDF : 3.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.0/33

asym_usl_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1707801.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1228078.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

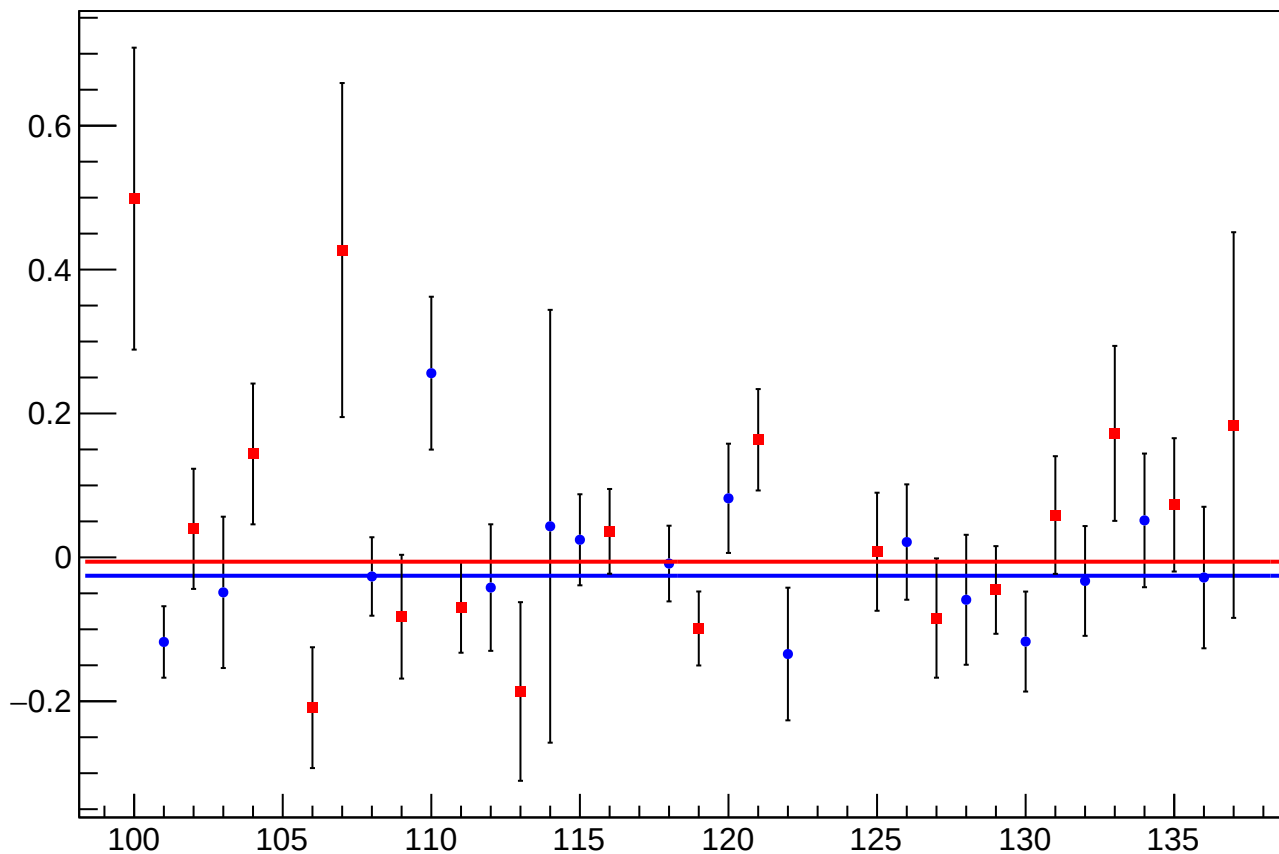
Right: 0.000+/-0.000 χ^2/NDF : 3088169.6/33

In: 0.000+/-0.000 χ^2/NDF : 1707801.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3088169.6/33

asym_usl_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.019 χ^2/NDF : 17.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.019 χ^2/NDF : 36.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

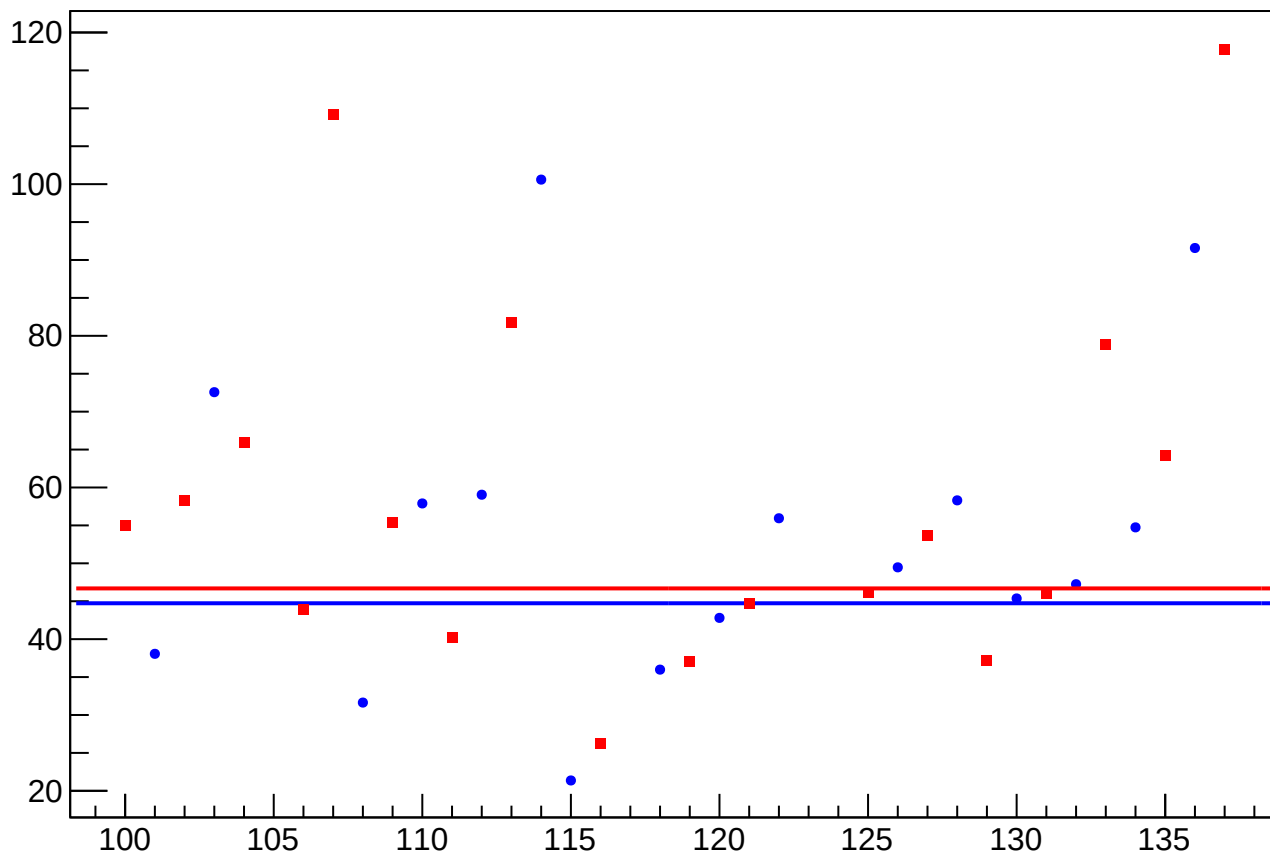
Right: -0.016 ± 0.013 χ^2/NDF : 54.7/33

In: -0.026 ± 0.019 χ^2/NDF : 17.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.013 χ^2/NDF : 54.7/33

asym_usl_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.733+/-0.013 χ^2/NDF : 1334541.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.691+/-0.014 χ^2/NDF : 1195464.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

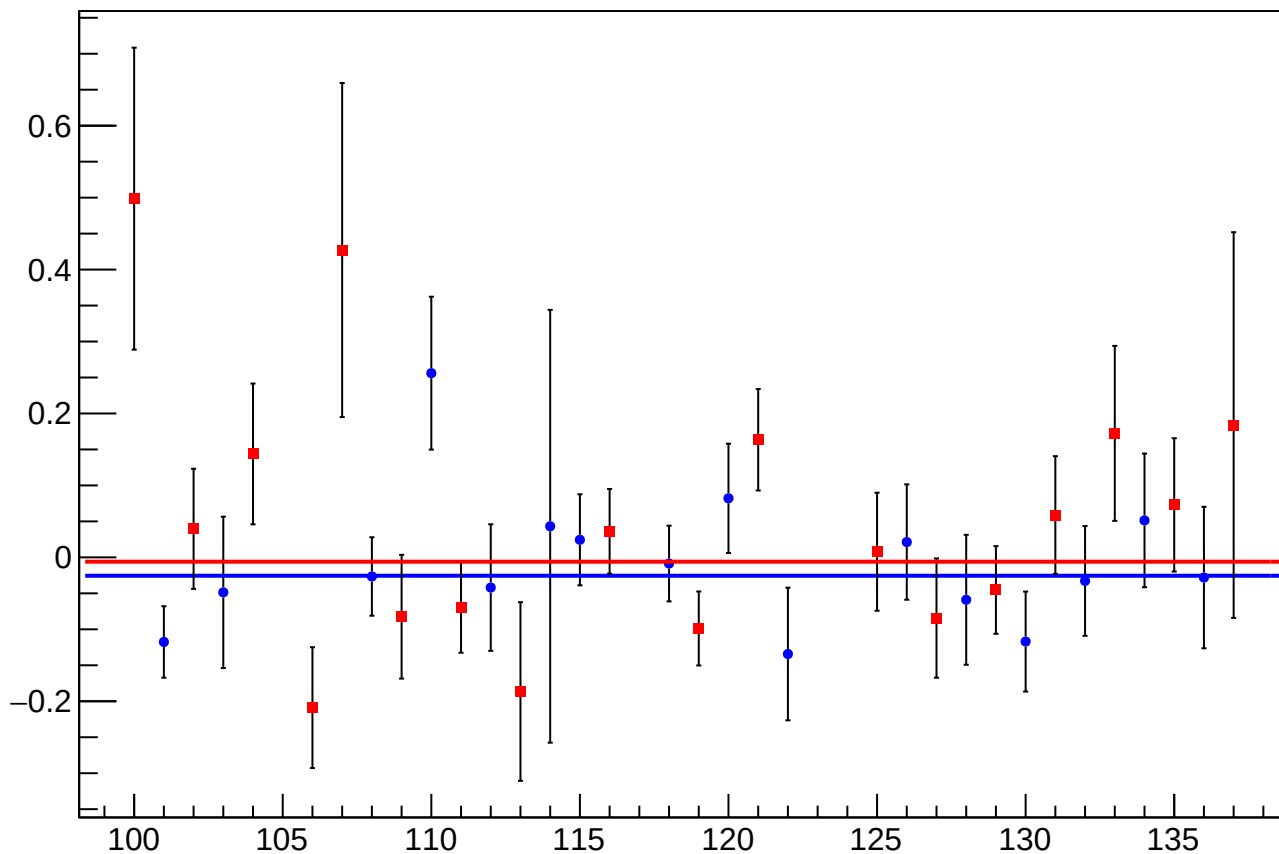
Right: 45.680+/-0.010 χ^2/NDF : 2540529.3/33

In: 44.733+/-0.013 χ^2/NDF : 1334541.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.680+/-0.010 χ^2/NDF : 2540529.3/33

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.019 χ^2/NDF : 36.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

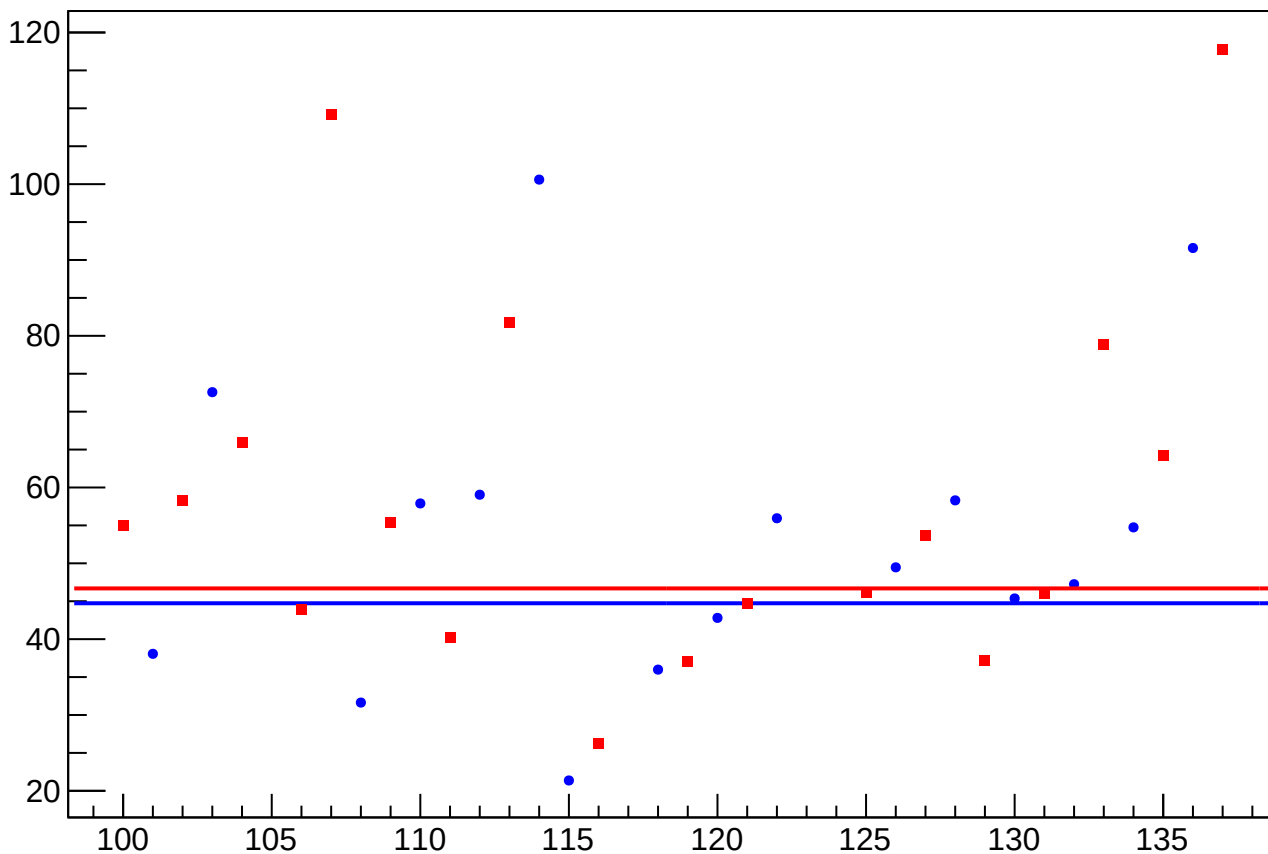
Right: -0.016+/-0.013 χ^2/NDF : 54.7/33

In: -0.026+/-0.019 χ^2/NDF :17.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.016+/-0.013 χ^2/NDF : 54.7/33

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.733+/-0.013 χ^2/NDF : 1334541.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.691+/-0.014 χ^2/NDF : 1195464.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

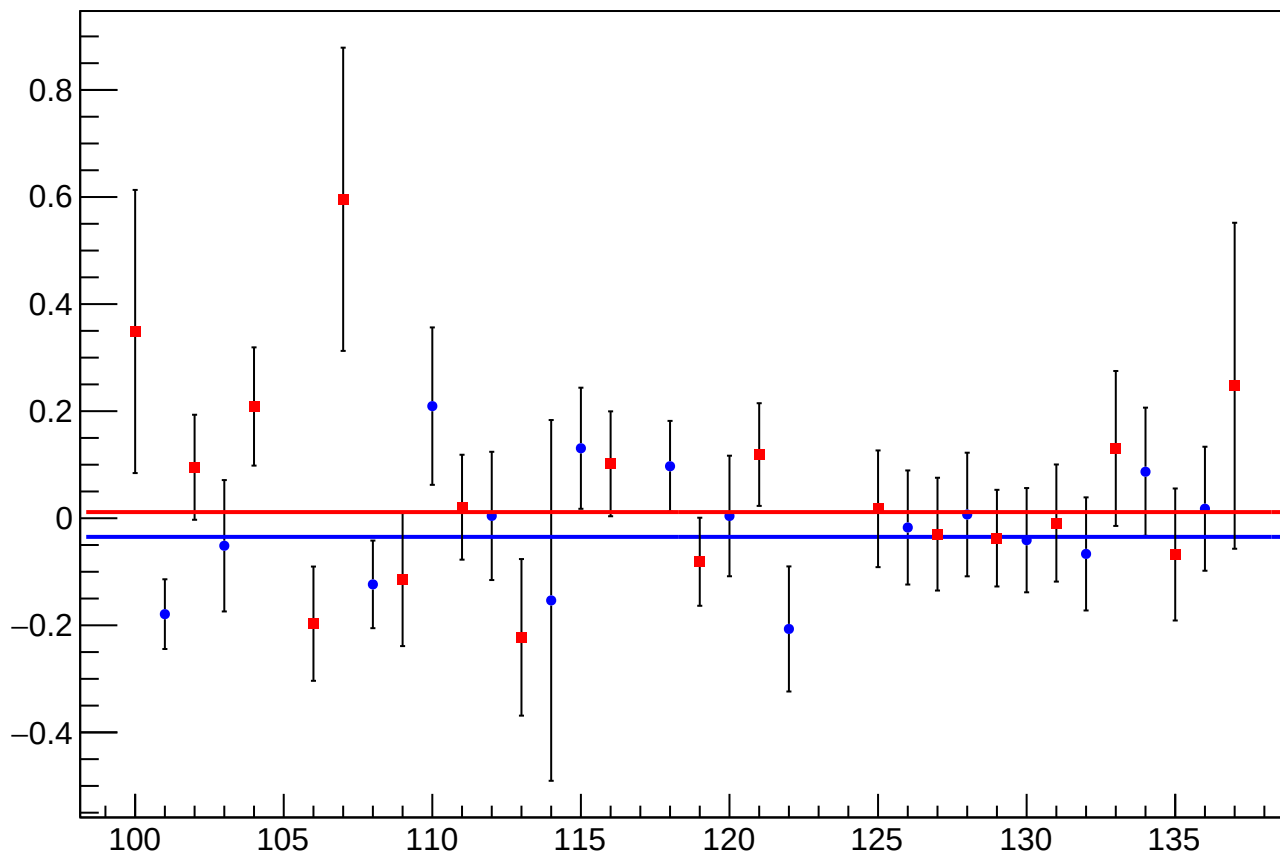
Right: 45.680+/-0.010 χ^2/NDF : 2540529.3/33

In: 44.733+/-0.013 χ^2/NDF : 1334541.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.680+/-0.010 χ^2/NDF : 2540529.3/33

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.026 $\chi^2/\text{NDF}: 17.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.012 ± 0.027 $\chi^2/\text{NDF}: 22.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

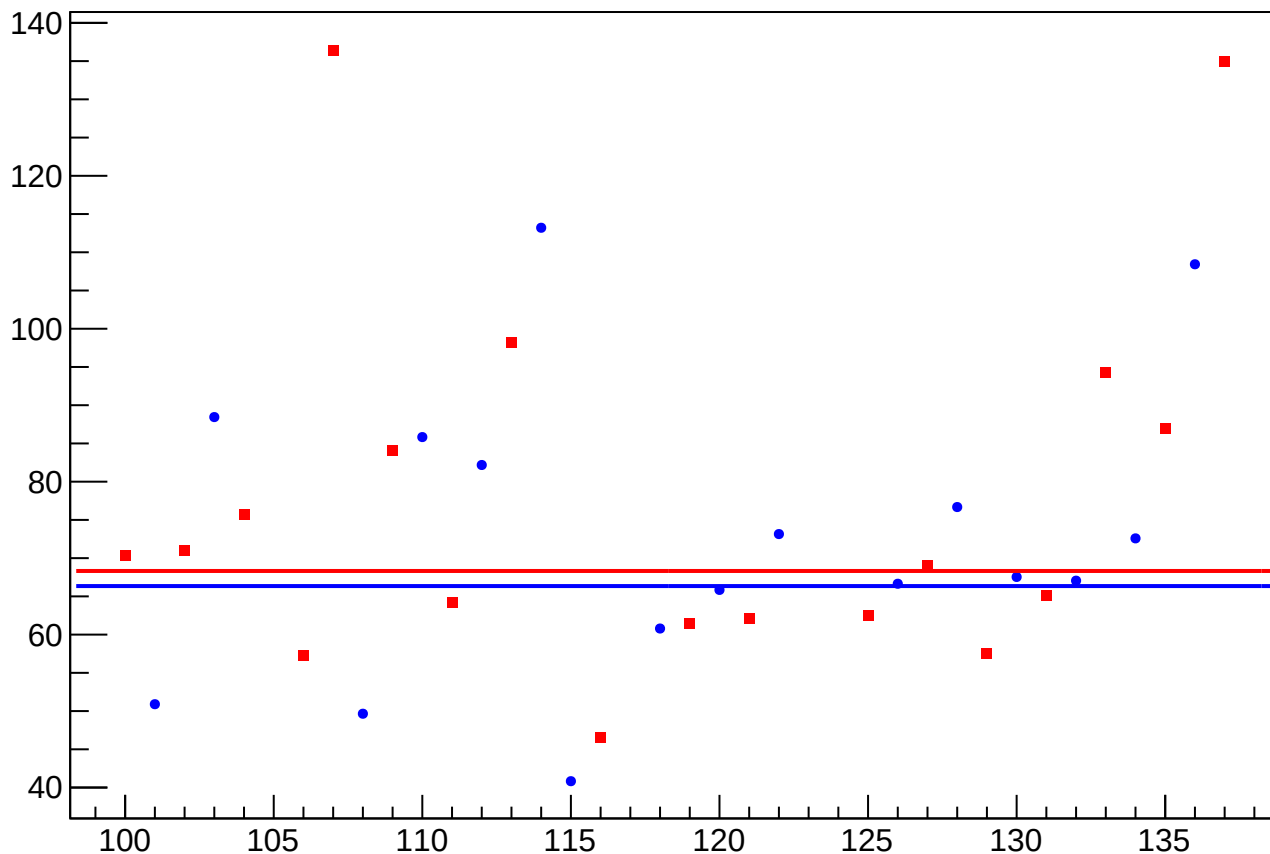
Right: -0.012 ± 0.019 $\chi^2/\text{NDF}: 41.7/33$

In: -0.035 ± 0.026 $\chi^2/\text{NDF}: 17.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.012 ± 0.019 $\chi^2/\text{NDF}: 41.7/33$

asym_usl_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.348+/-0.019 χ^2/NDF : 772653.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.322+/-0.019 χ^2/NDF : 629670.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

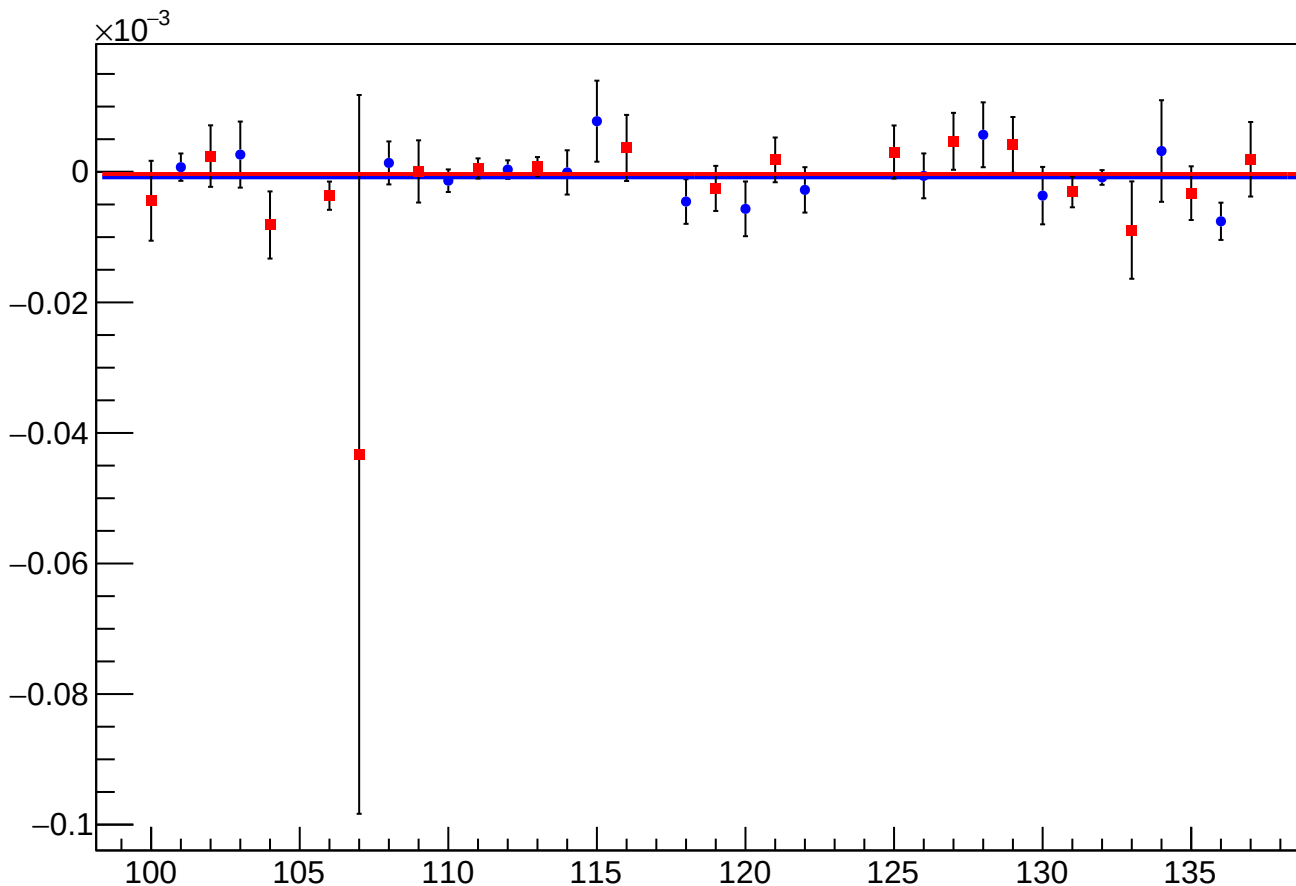
Right: 67.312+/-0.013 χ^2/NDF : 1407833.1/33

In: 66.348+/-0.019 χ^2/NDF : 772653.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.312+/-0.013 χ^2/NDF : 1407833.1/33

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 15.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

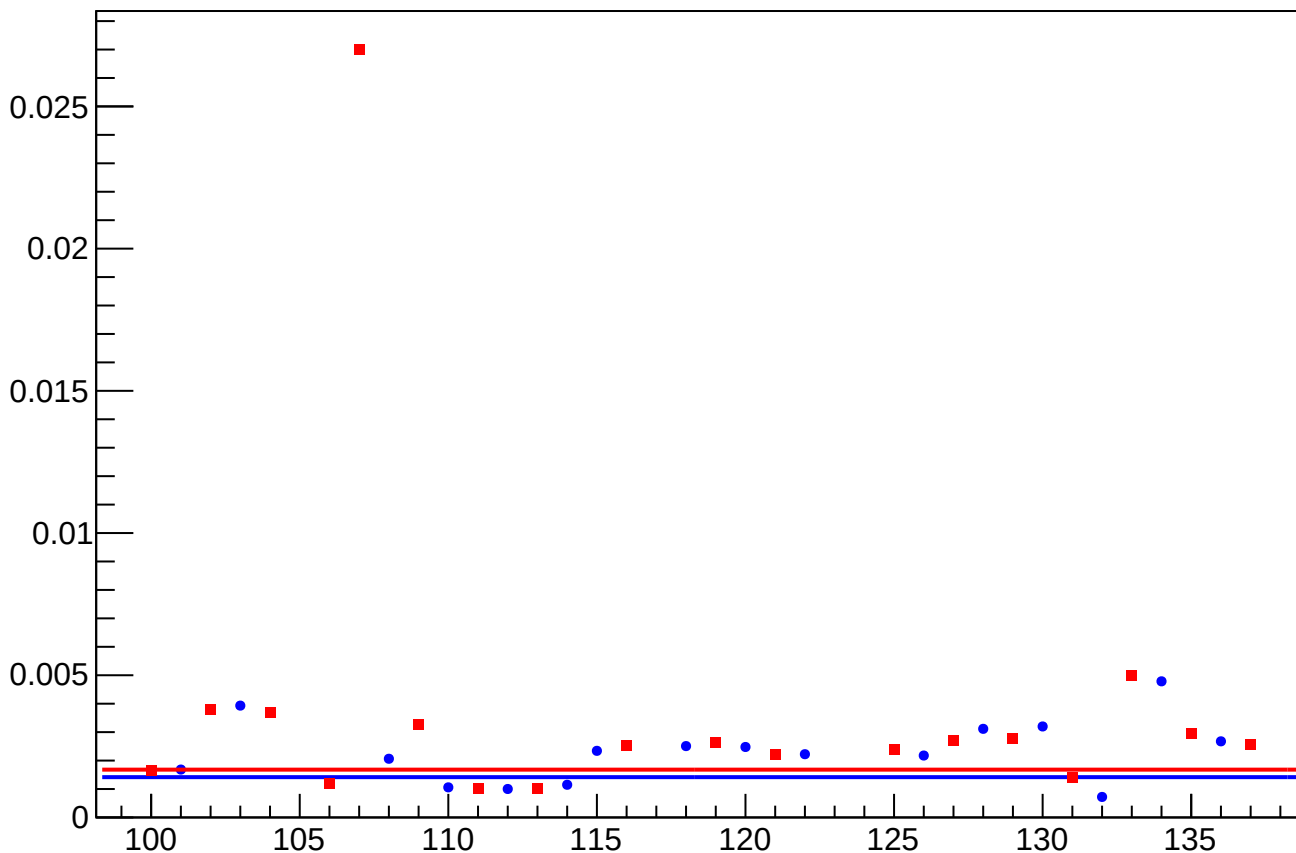
Right: -0.000+/-0.000 χ^2 /NDF: 30.1/33

In: -0.000+/-0.000 χ^2 /NDF:15.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.1/33

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3547259.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3427218.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

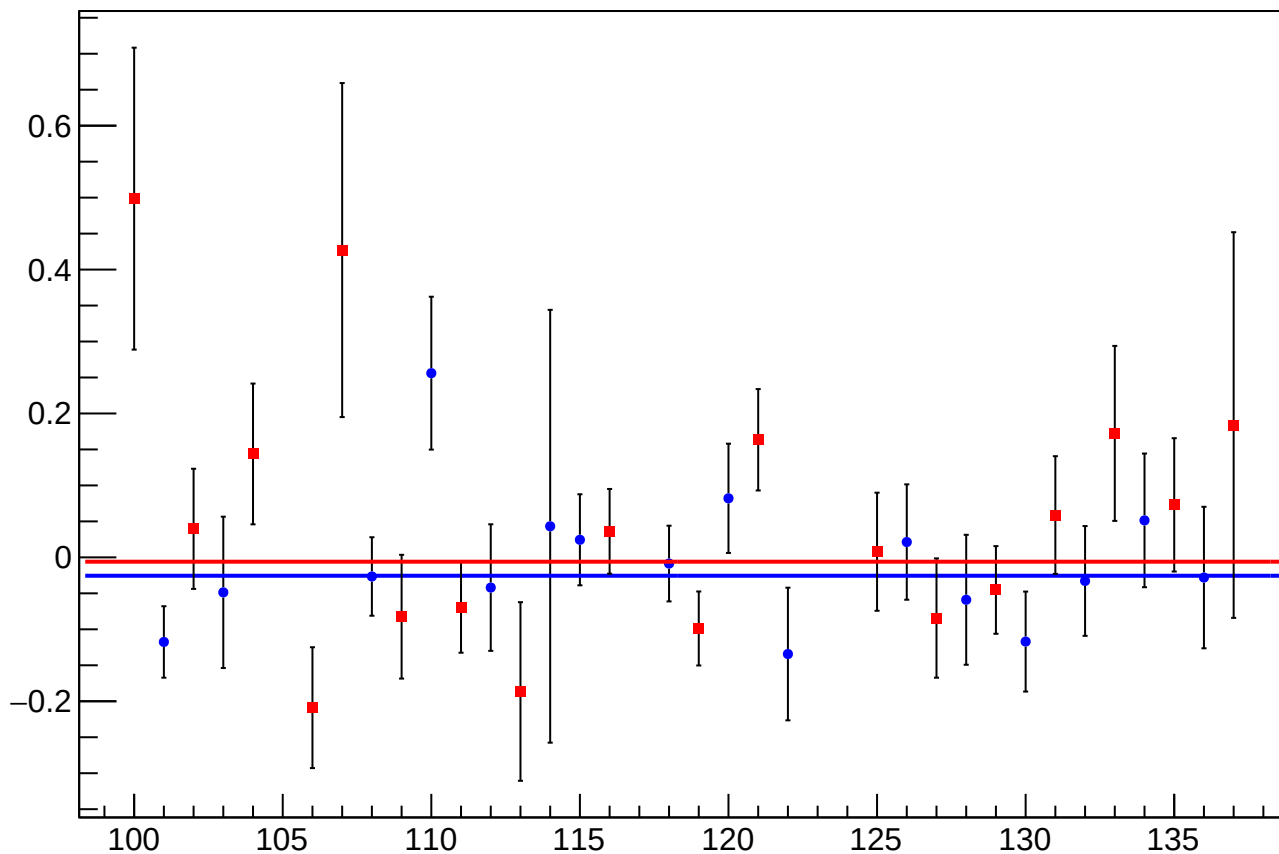
Right: 0.002+/-0.000 χ^2/NDF : 7128830.6/33

In: 0.001+/-0.000 χ^2/NDF : 3547259.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7128830.6/33

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026 ± 0.019 χ^2/NDF : 17.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.019 χ^2/NDF : 36.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

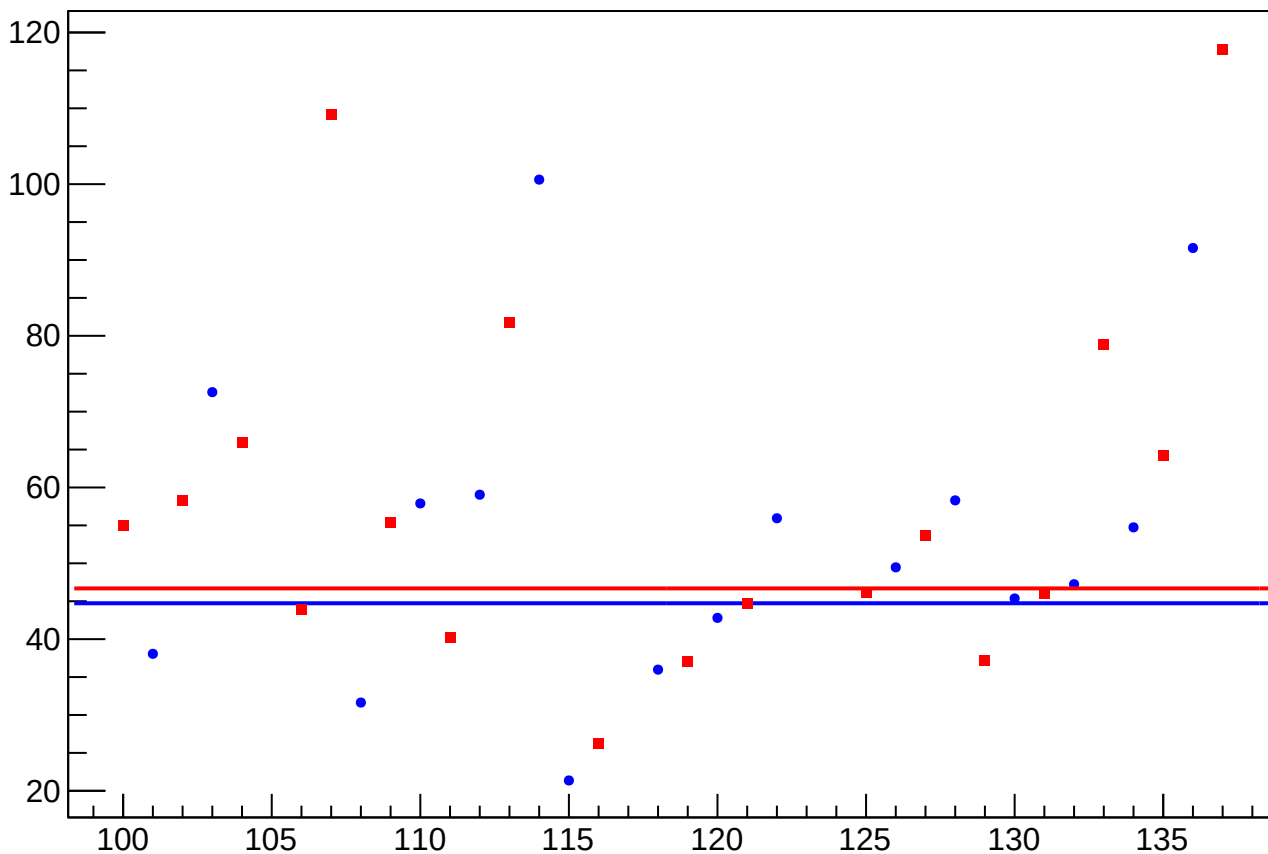
Right: -0.016 ± 0.013 χ^2/NDF : 54.7/33

In: -0.026 ± 0.019 χ^2/NDF : 17.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.013 χ^2/NDF : 54.7/33

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.732+/-0.013 χ^2/NDF : 1334604.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.690+/-0.014 χ^2/NDF : 1195504.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

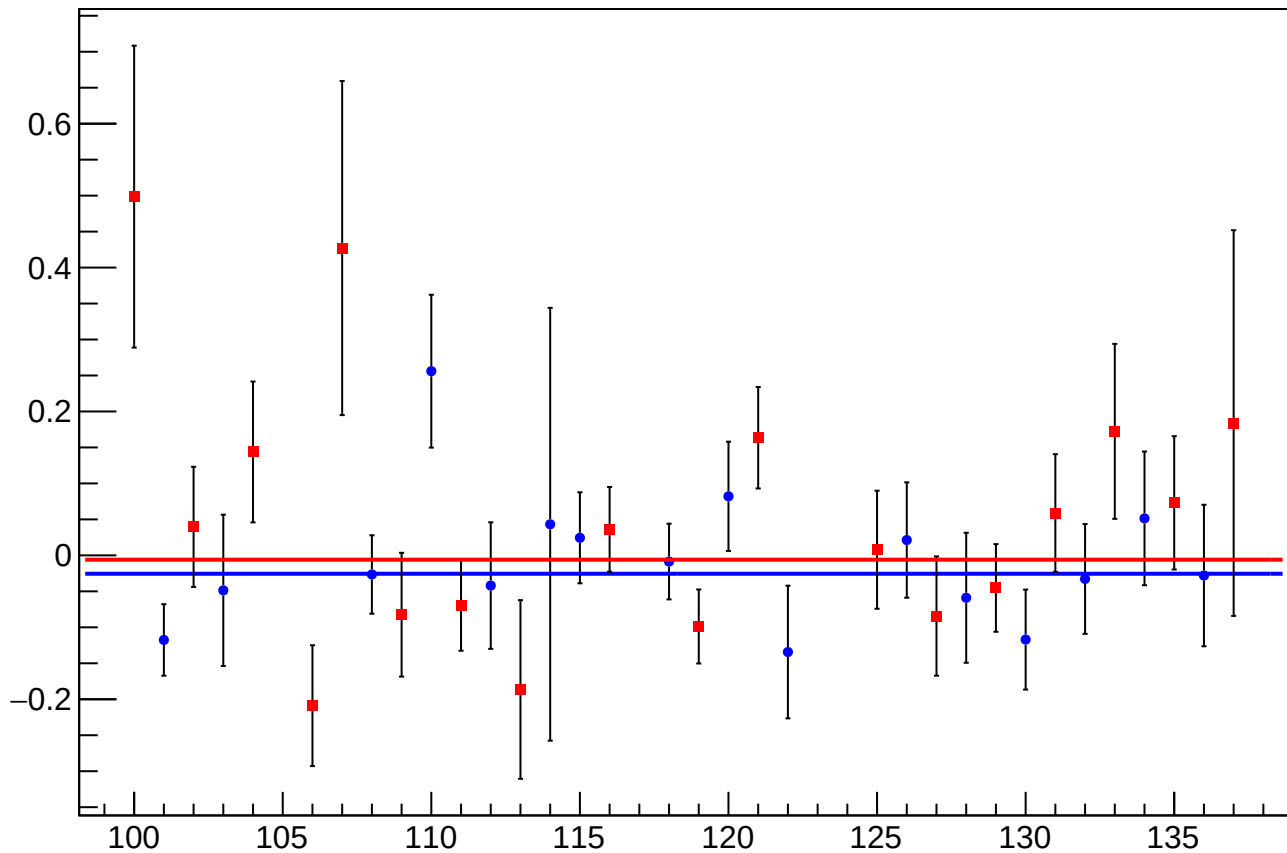
Right: 45.679+/-0.010 χ^2/NDF : 2540631.2/33

In: 44.732+/-0.013 χ^2/NDF : 1334604.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.679+/-0.010 χ^2/NDF : 2540631.2/33

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.019 χ^2/NDF : 36.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

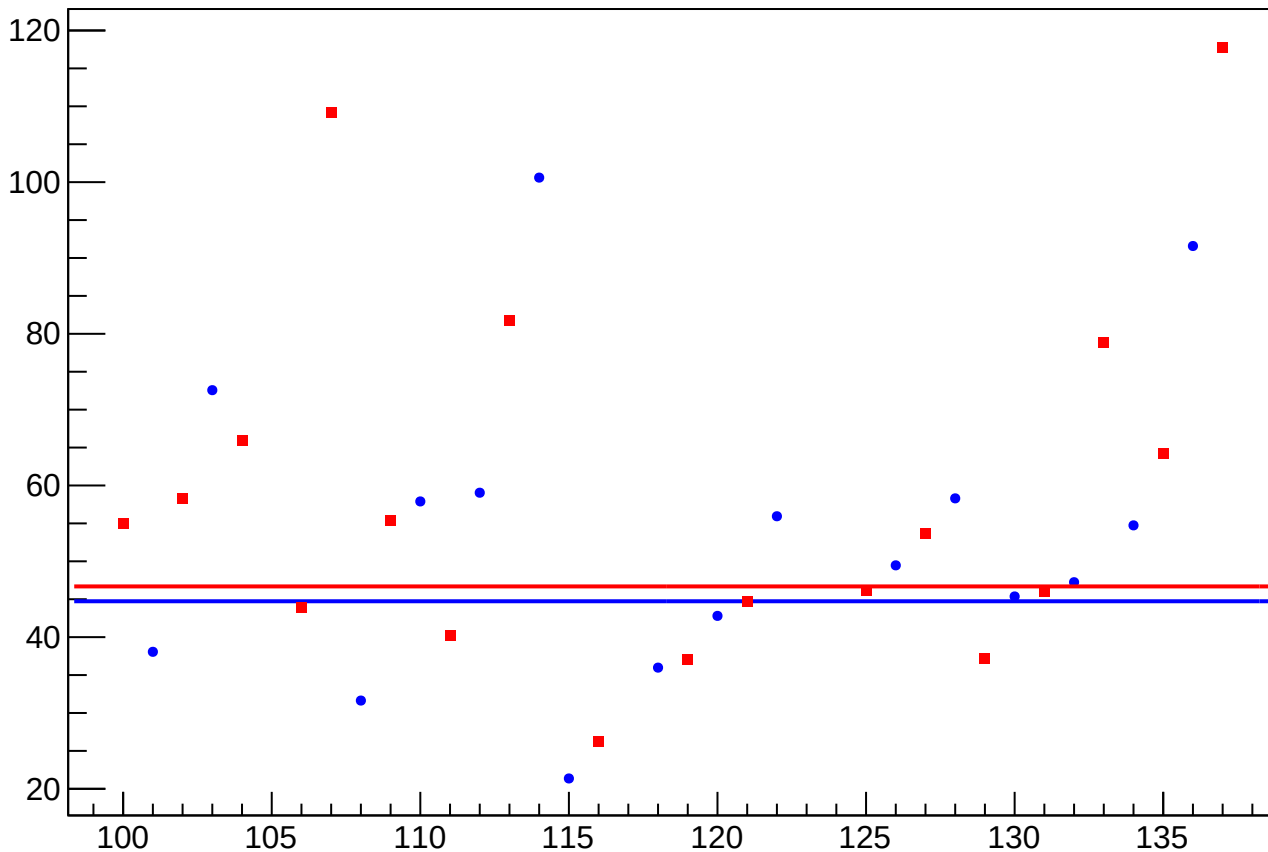
Right: -0.016+/-0.013 χ^2/NDF : 54.7/33

In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.016+/-0.013 χ^2/NDF : 54.7/33

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.732+/-0.013 χ^2/NDF : 1334604.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.690+/-0.014 χ^2/NDF : 1195504.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

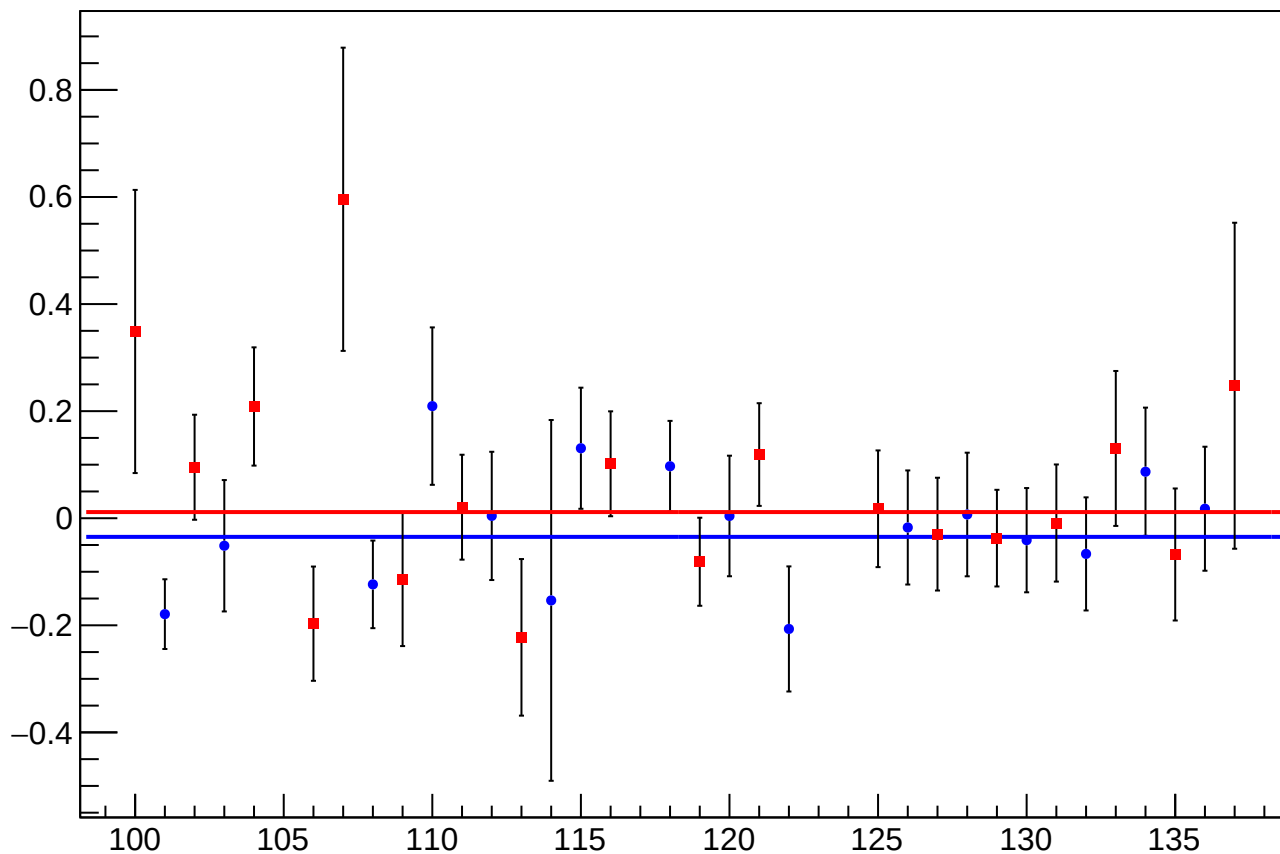
Right: 45.679+/-0.010 χ^2/NDF : 2540631.2/33

In: 44.732+/-0.013 χ^2/NDF : 1334604.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.679+/-0.010 χ^2/NDF : 2540631.2/33

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035 $\pm$ 0.026 χ^2 /NDF: 17.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.027 χ^2 /NDF: 22.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

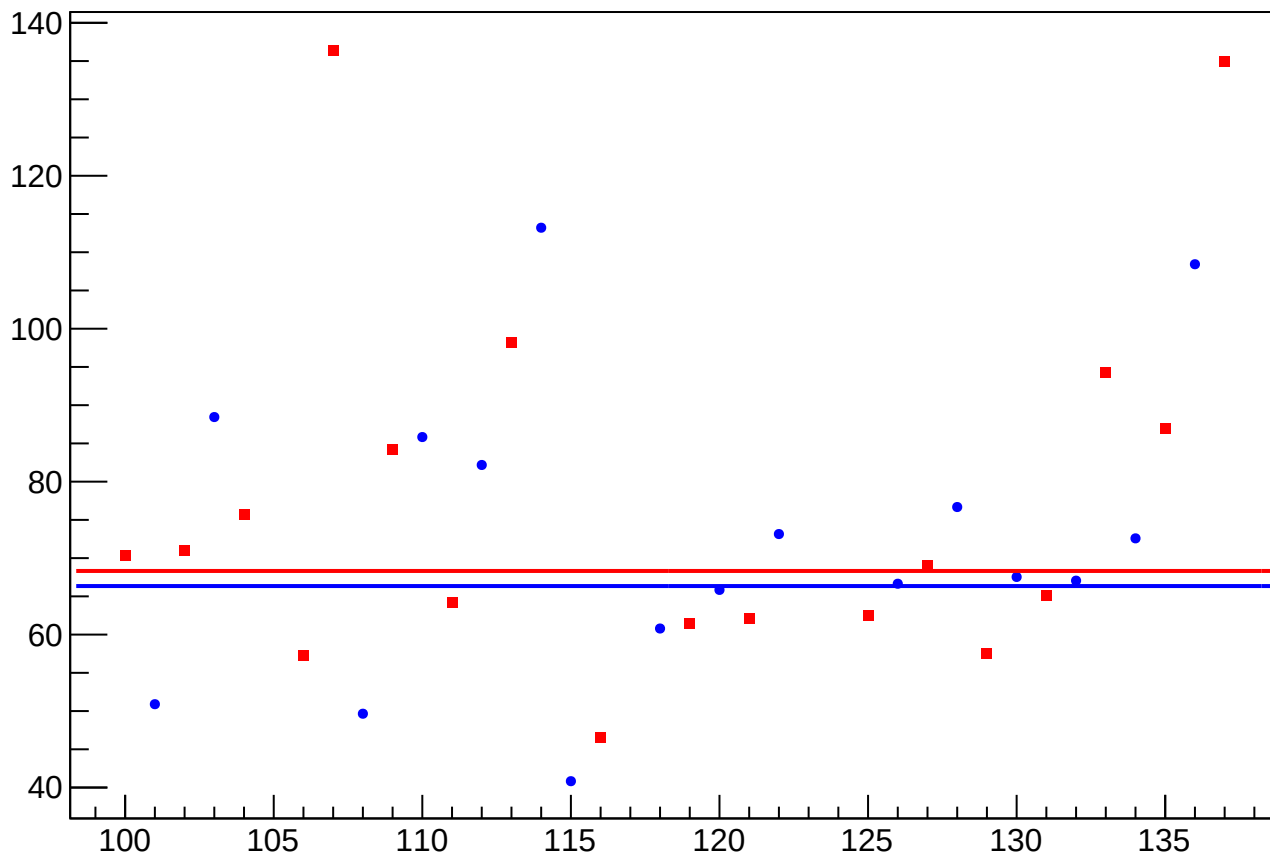
Right: -0.012 $\pm$ 0.019 χ^2 /NDF: 41.7/33

In: -0.035 $\pm$ 0.026 χ^2 /NDF:17.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.019 χ^2 /NDF: 41.7/33

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.348+/-0.019 χ^2/NDF : 772660.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.321+/-0.019 χ^2/NDF : 629665.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

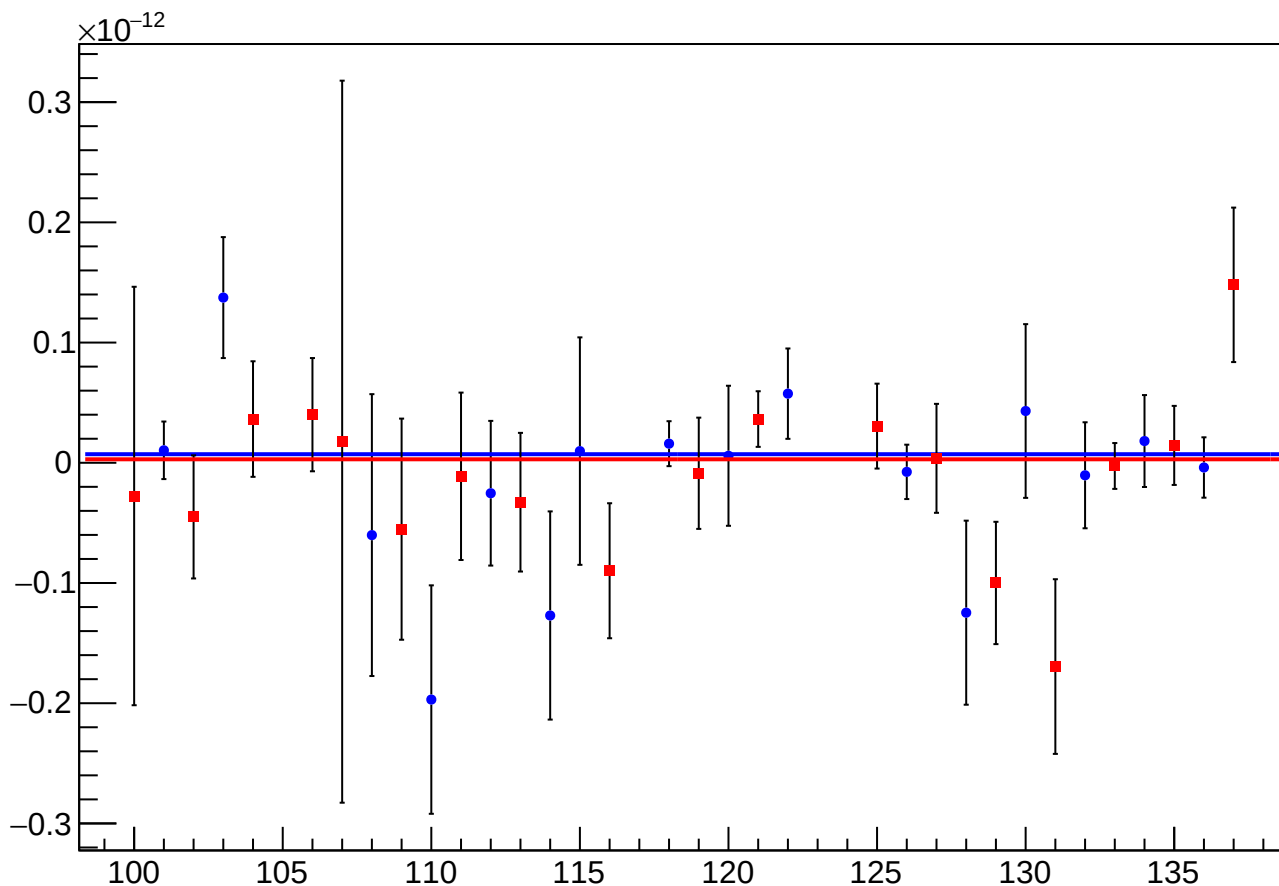
Right: 67.311+/-0.013 χ^2/NDF : 1407834.9/33

In: 66.348+/-0.019 χ^2/NDF : 772660.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.311+/-0.013 χ^2/NDF : 1407834.9/33

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

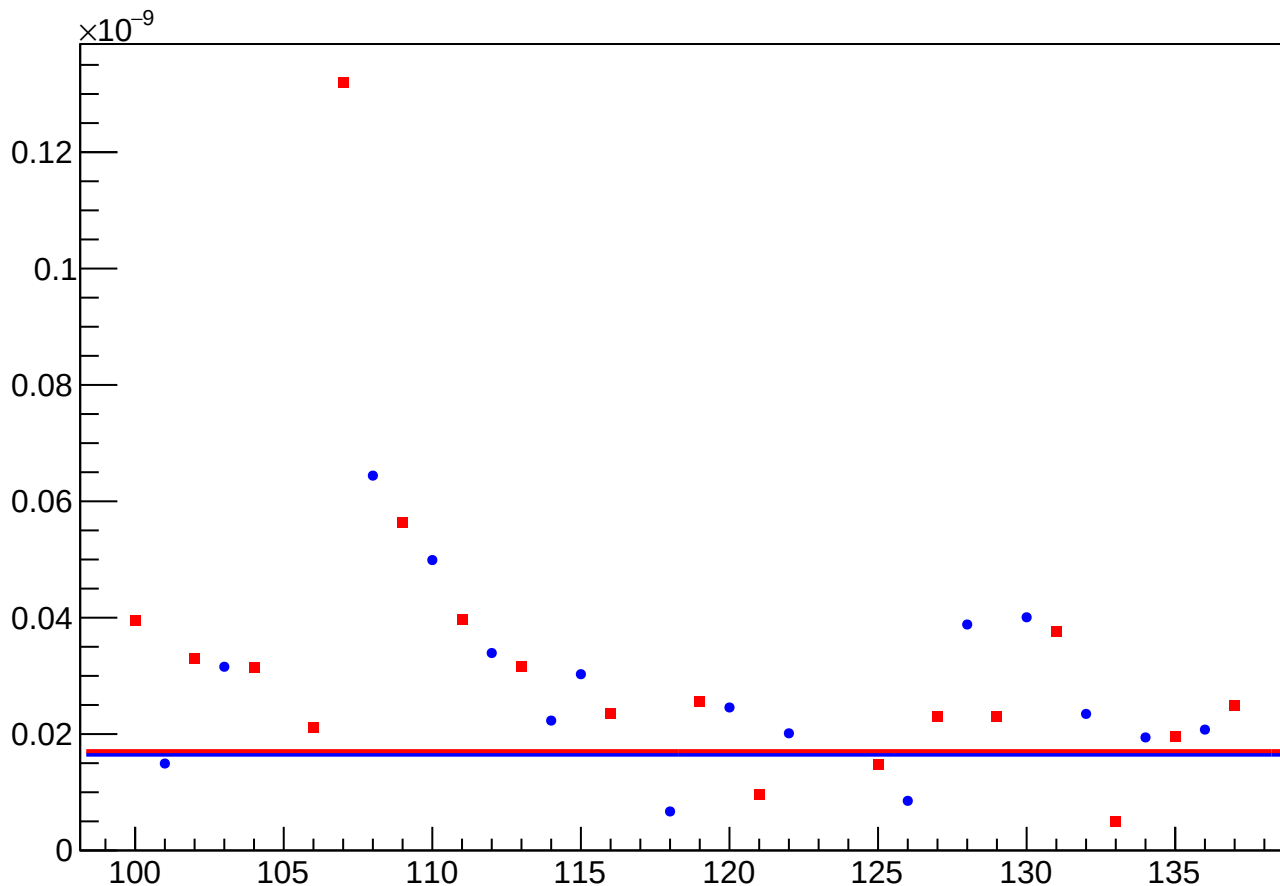
Right: 0.000+/-0.000 χ^2/NDF : 43.9/33

In: 0.000+/-0.000 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.9/33

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2345888.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2791354.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

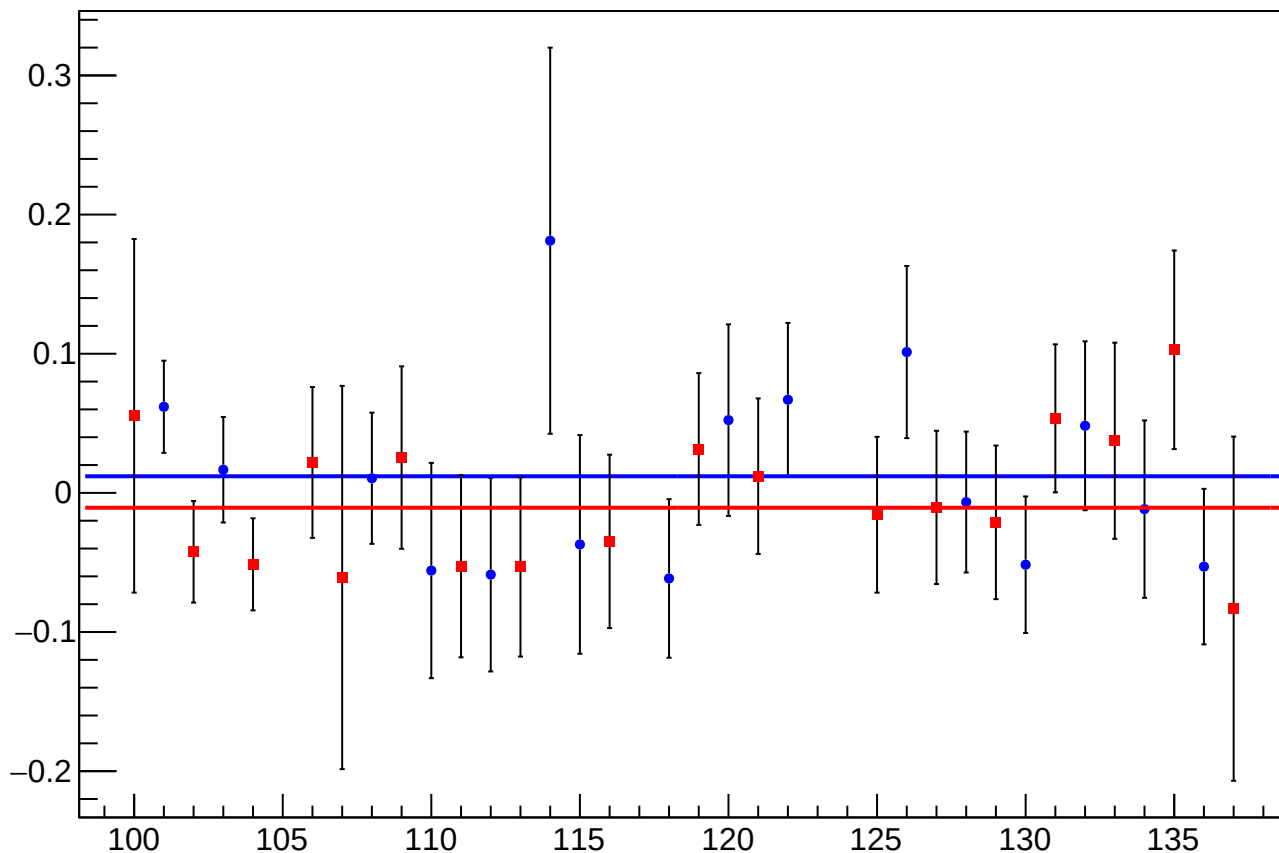
Right: 0.000+/-0.000 χ^2/NDF : 5141308.5/33

In: 0.000+/-0.000 χ^2/NDF : 2345888.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5141308.5/33

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.013 χ^2 /NDF: 9.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

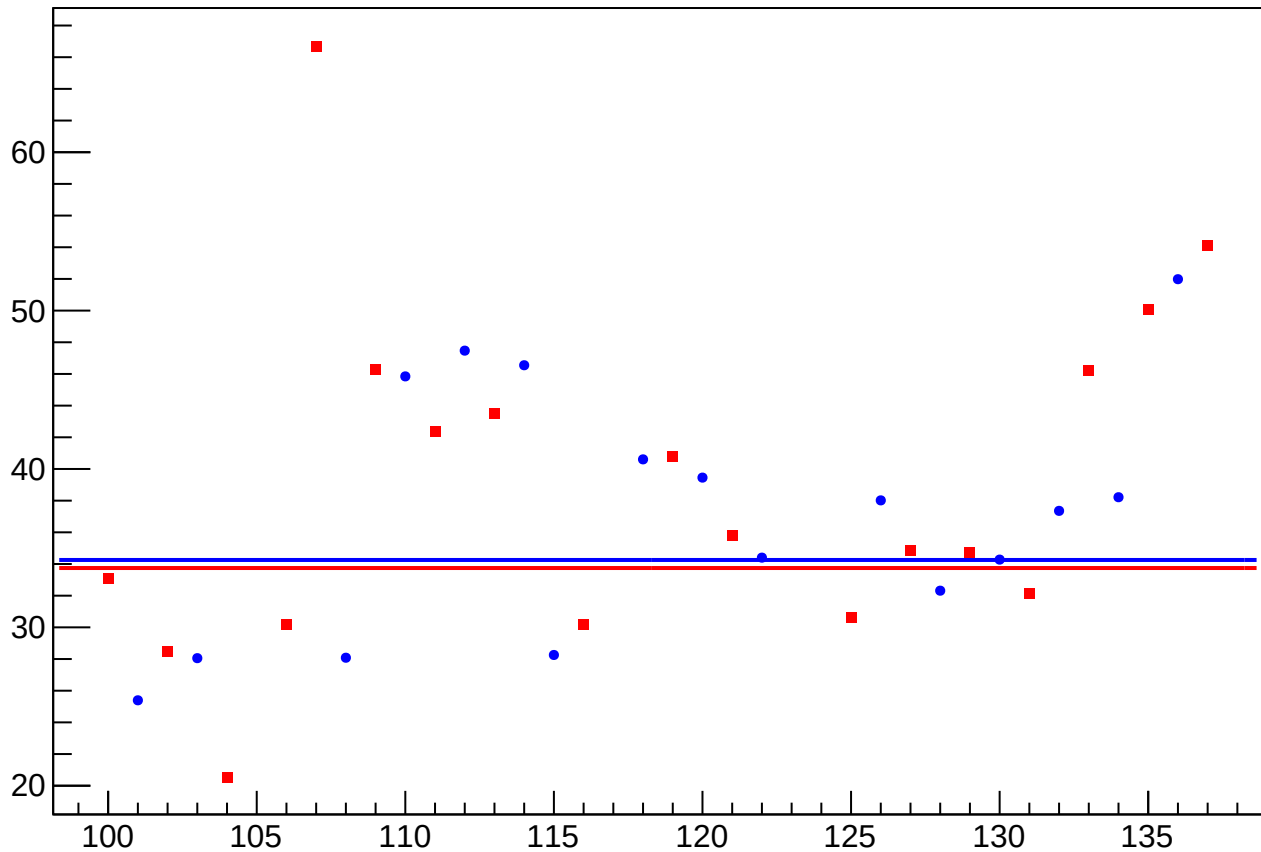
Right: 0.000 $\pm$ 0.010 χ^2 /NDF: 26.0/33

In: 0.012 $\pm$ 0.014 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 26.0/33

asym_usl_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.746+/-0.010 χ^2/NDF : 911938.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

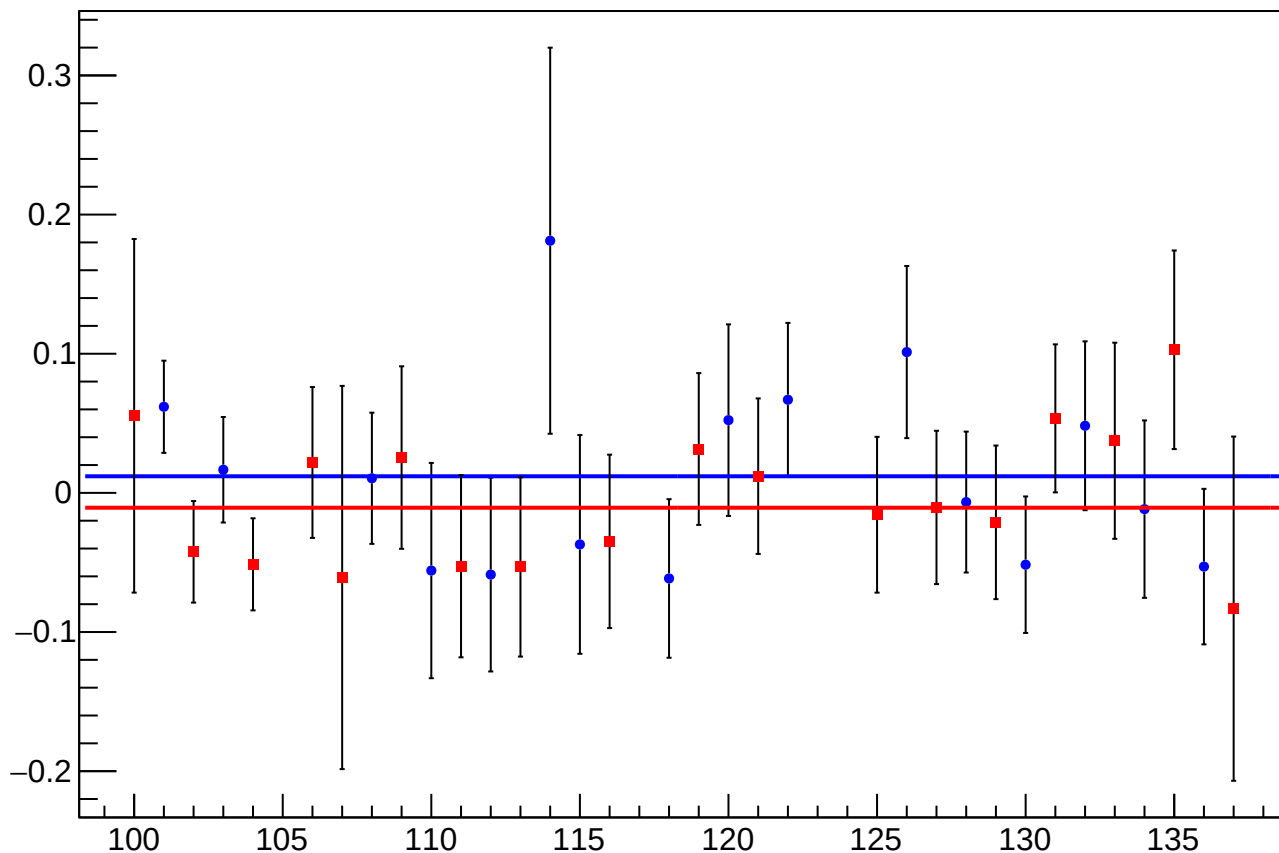
Right: 33.997+/-0.007 χ^2/NDF : 1549368.8/33

In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.997+/-0.007 χ^2/NDF : 1549368.8/33

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.014 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.013 χ^2 /NDF: 9.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

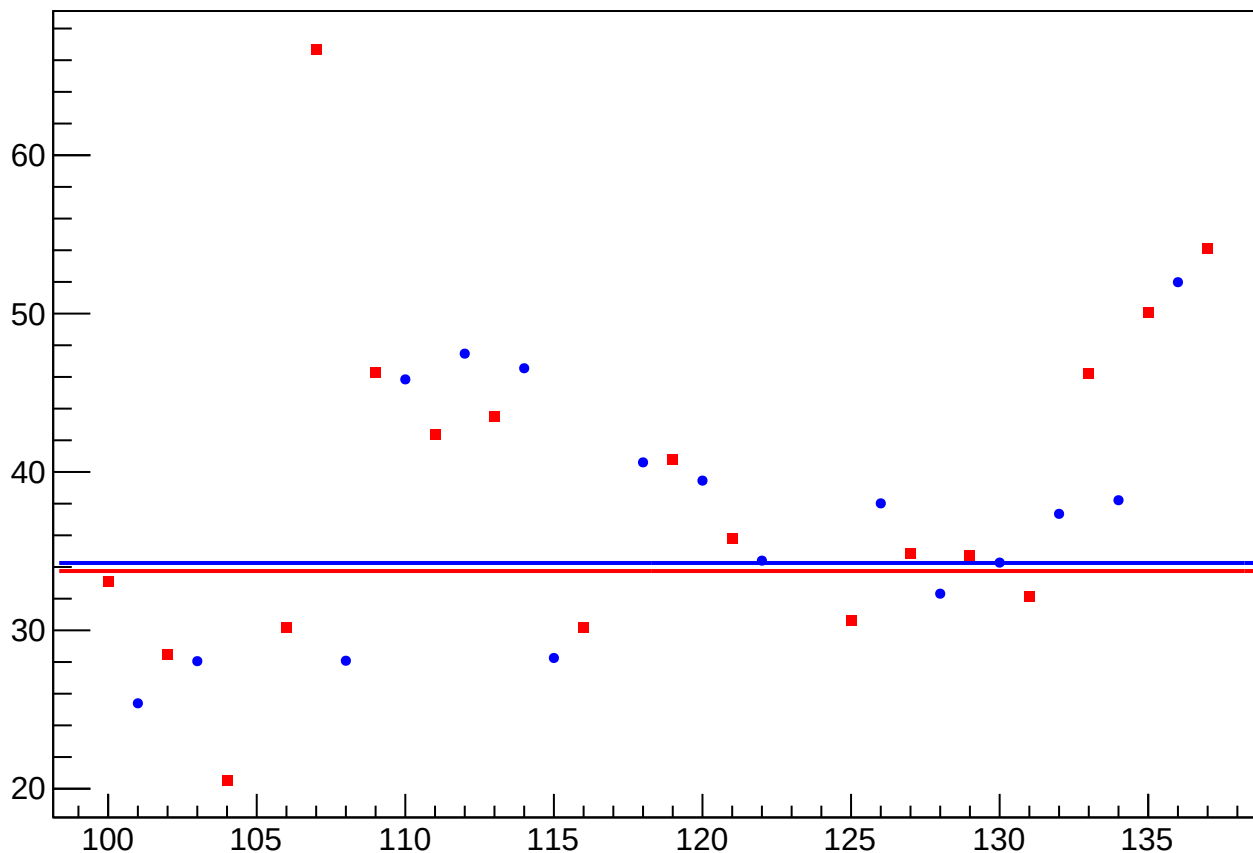
Right: 0.000 $\pm$ 0.010 χ^2 /NDF: 26.0/33

In: 0.012 $\pm$ 0.014 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.010 χ^2 /NDF: 26.0/33

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.746+/-0.010 χ^2/NDF : 911938.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

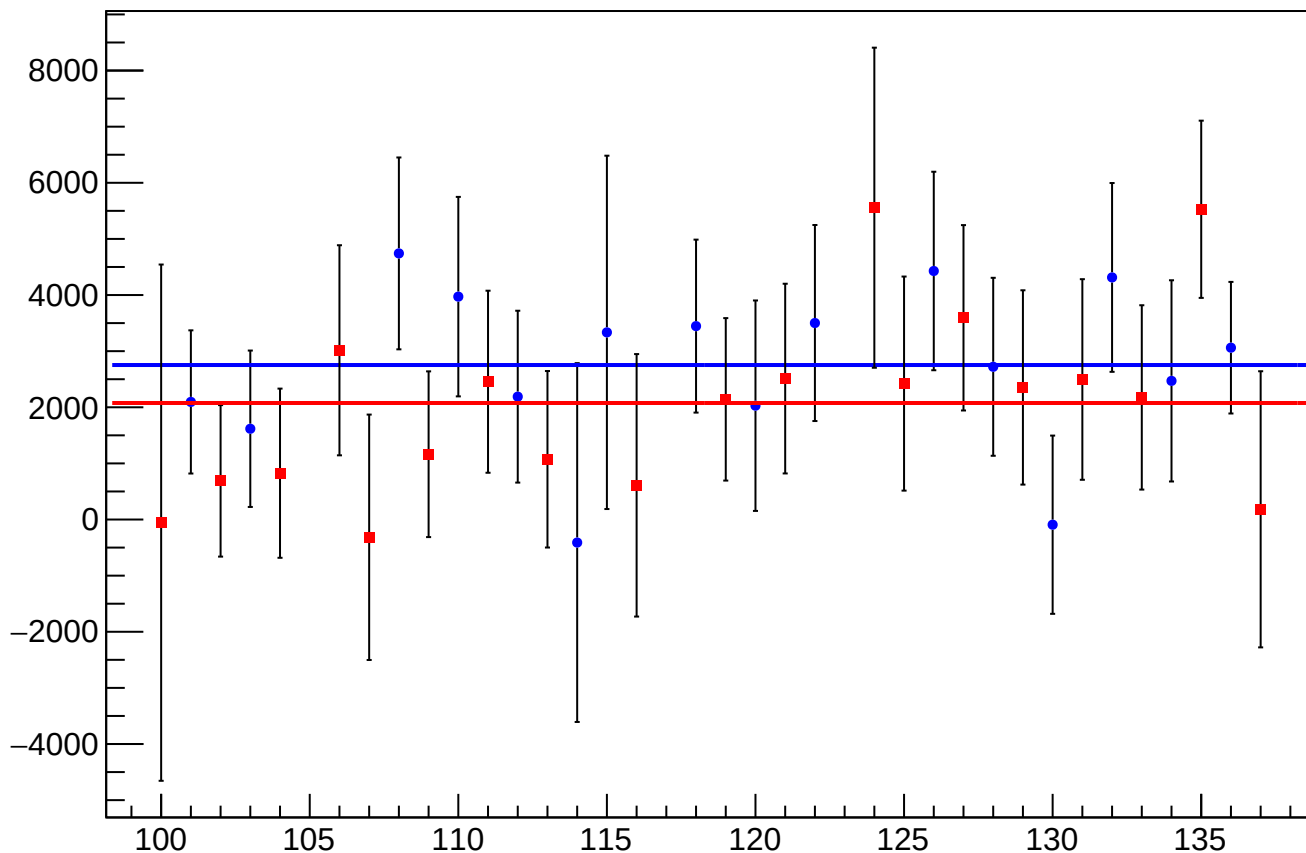
Right: 33.997+/-0.007 χ^2/NDF : 1549368.8/33

In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.997+/-0.007 χ^2/NDF : 1549368.8/33

reg_asym_usr_mean vs Slug, Sign Corrected



Right In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.471+/-403.796 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

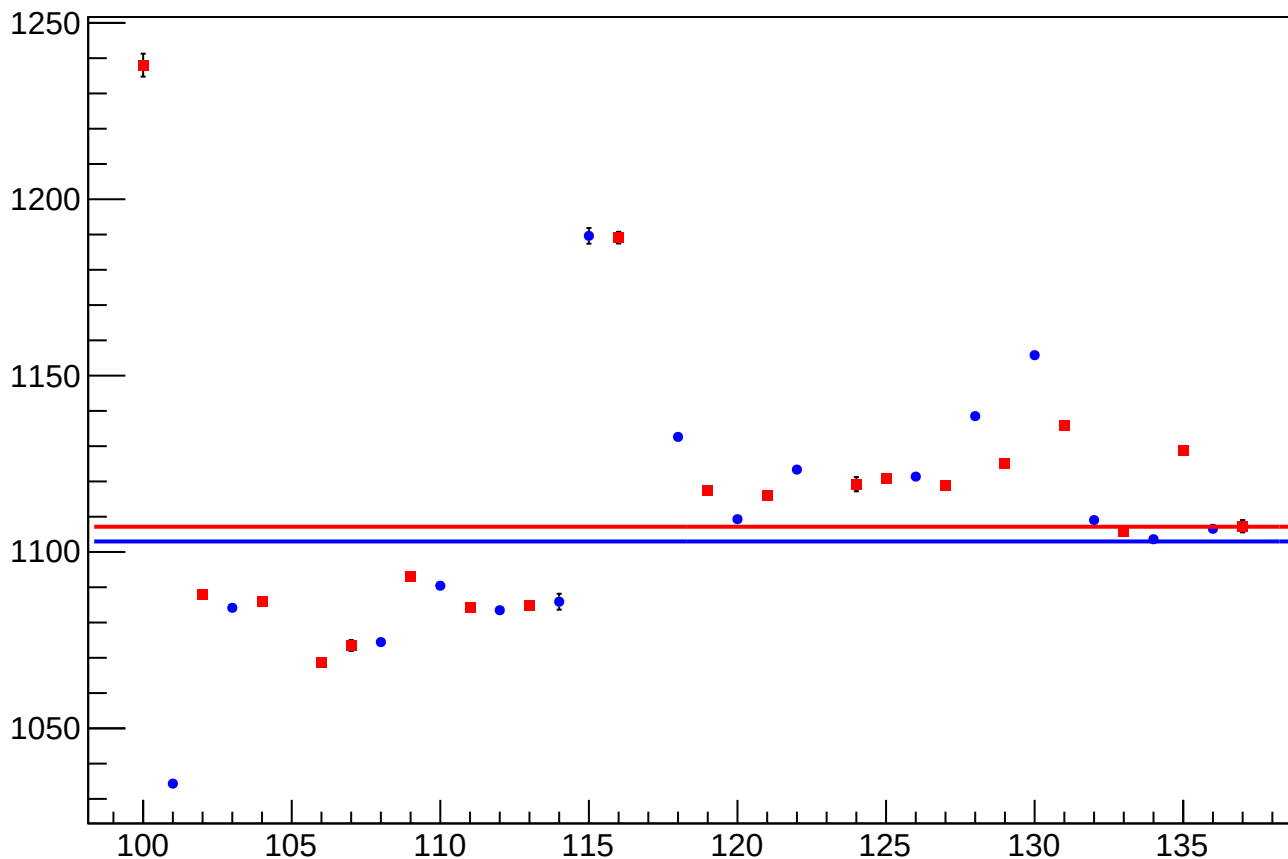
Right: 2409.773+/-287.639 χ^2/NDF : 23.4/34

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.773+/-287.639 χ^2/NDF : 23.4/34

reg_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.159+/-0.286 χ^2/NDF : 8683.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

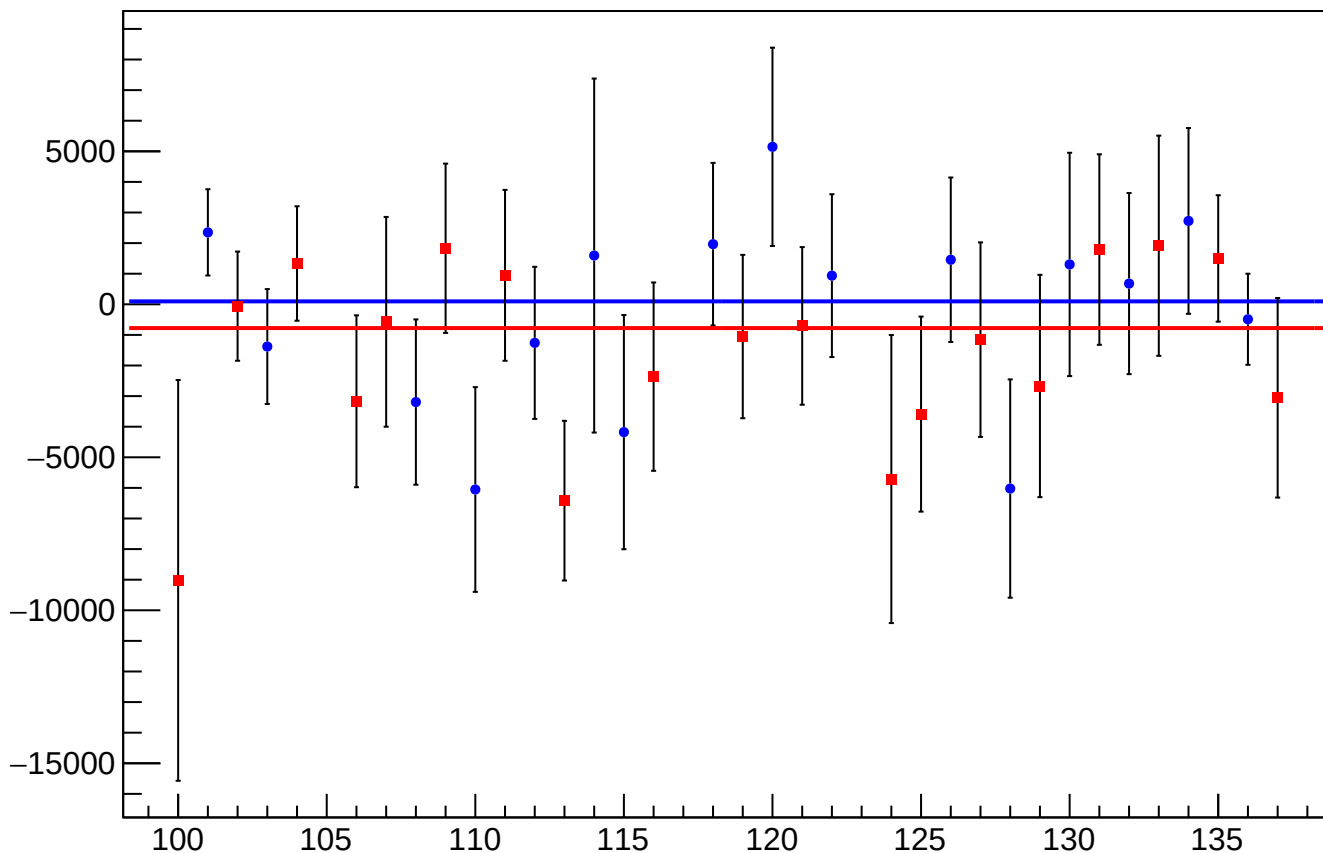
Right: 1105.104+/-0.203 χ^2/NDF : 22012.3/34

In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.104+/-0.203 χ^2/NDF : 22012.3/34

asym_usr_reg_correction_mean vs Slug, Sign Corrected



Right In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -776.996+/-636.966 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

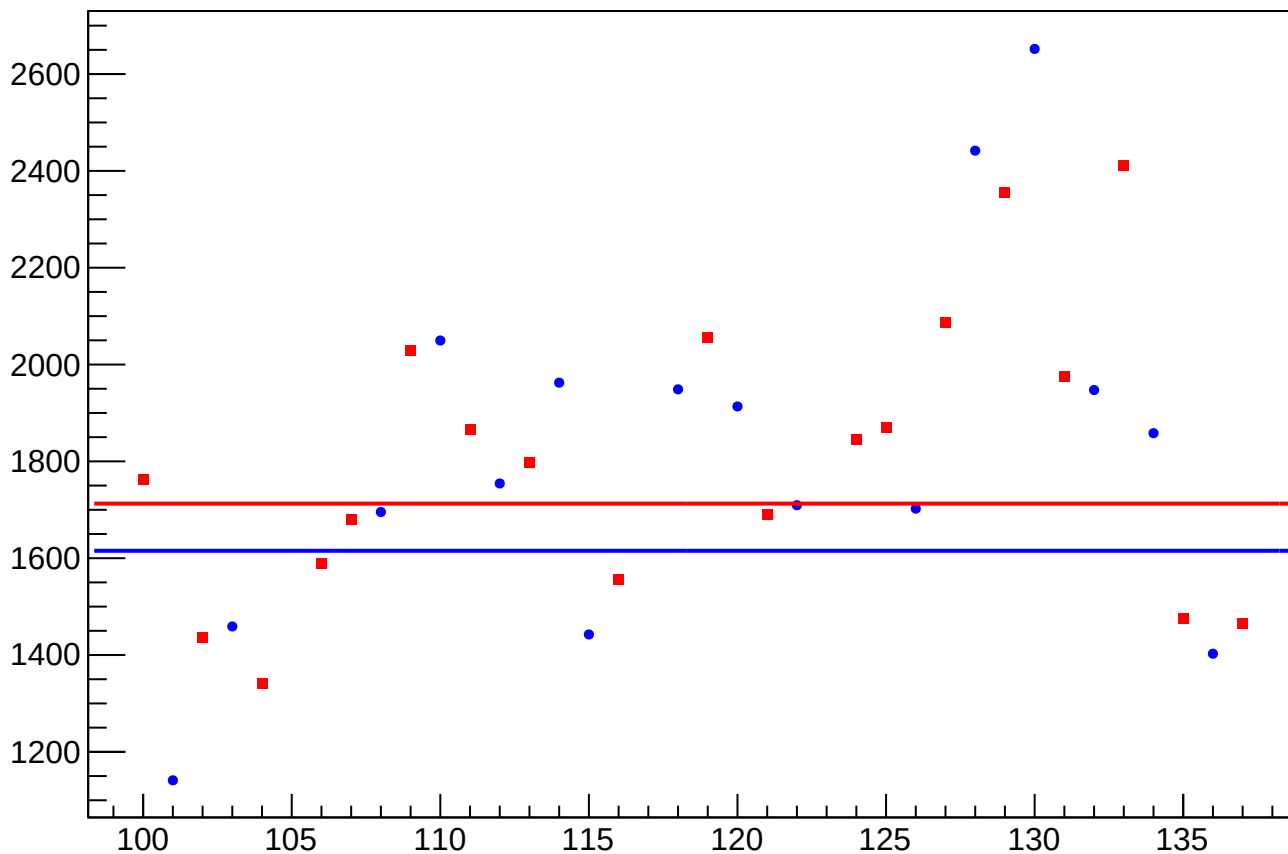
Right: -327.398+/-443.581 χ^2/NDF : 33.0/34

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.398+/-443.581 χ^2/NDF : 33.0/34

asym_usr_reg_correction_rms vs Slug, Sign Corrected



Right In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.798+/-0.450 χ^2/NDF : 428065.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

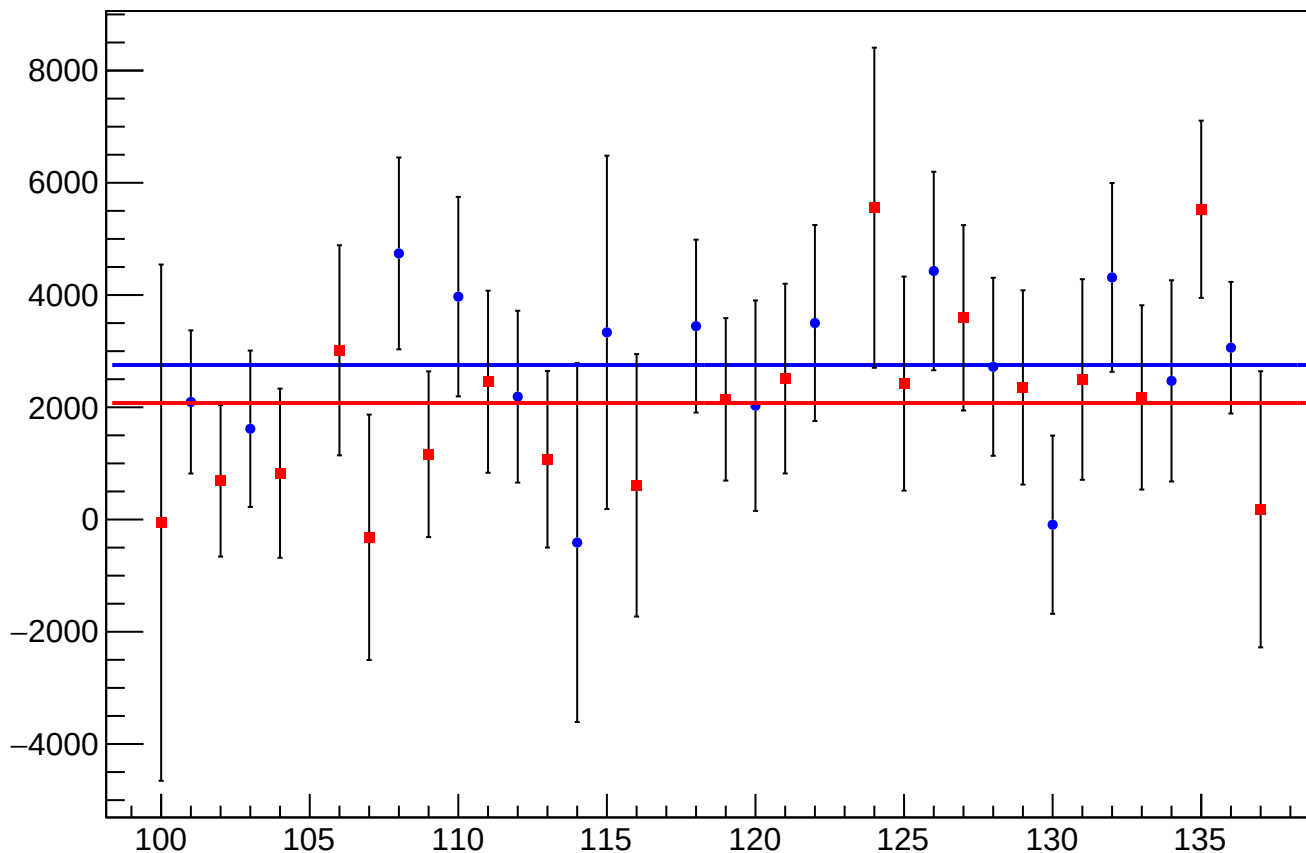
Right: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.471+/-403.796 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

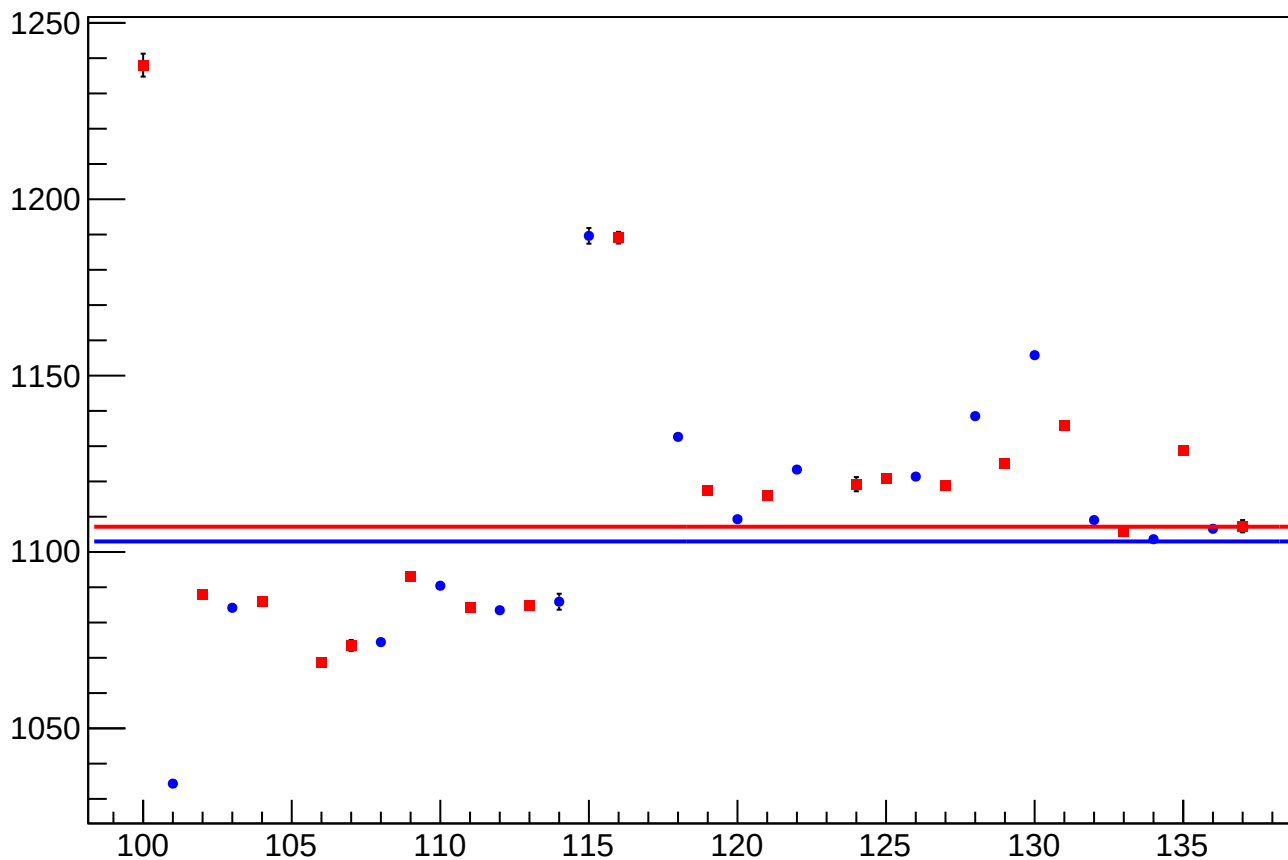
Right: 2409.773+/-287.639 χ^2/NDF : 23.4/34

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.773+/-287.639 χ^2/NDF : 23.4/34

cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.988 $\pm$ 0.290 χ^2 /NDF: 13223.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1107.159 $\pm$ 0.286 χ^2 /NDF: 8683.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

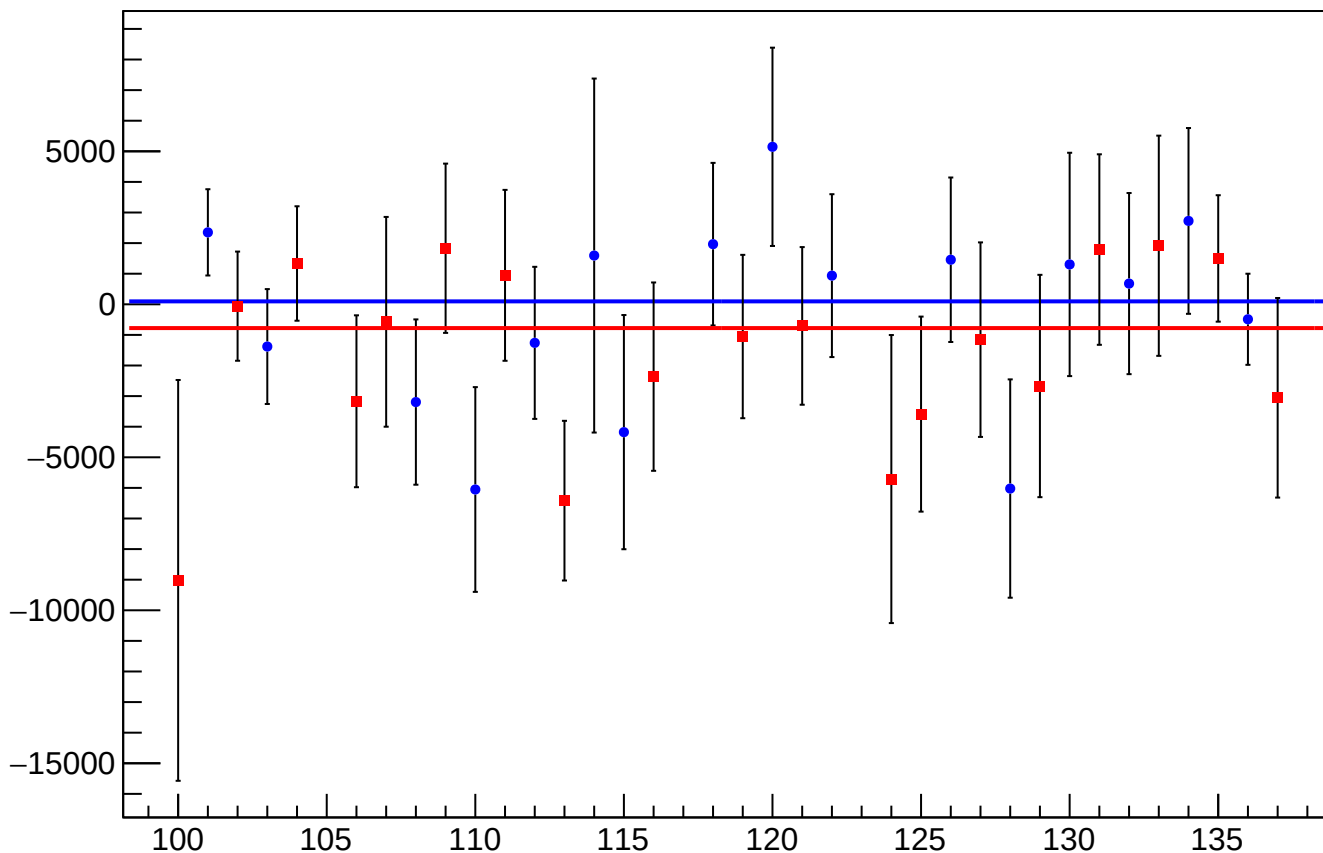
Right: 1105.104 $\pm$ 0.203 χ^2 /NDF: 22012.3/34

In: 1102.988 $\pm$ 0.290 χ^2 /NDF:13223.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1105.104 $\pm$ 0.203 χ^2 /NDF: 22012.3/34

asym_usr_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -776.996+/-636.966 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

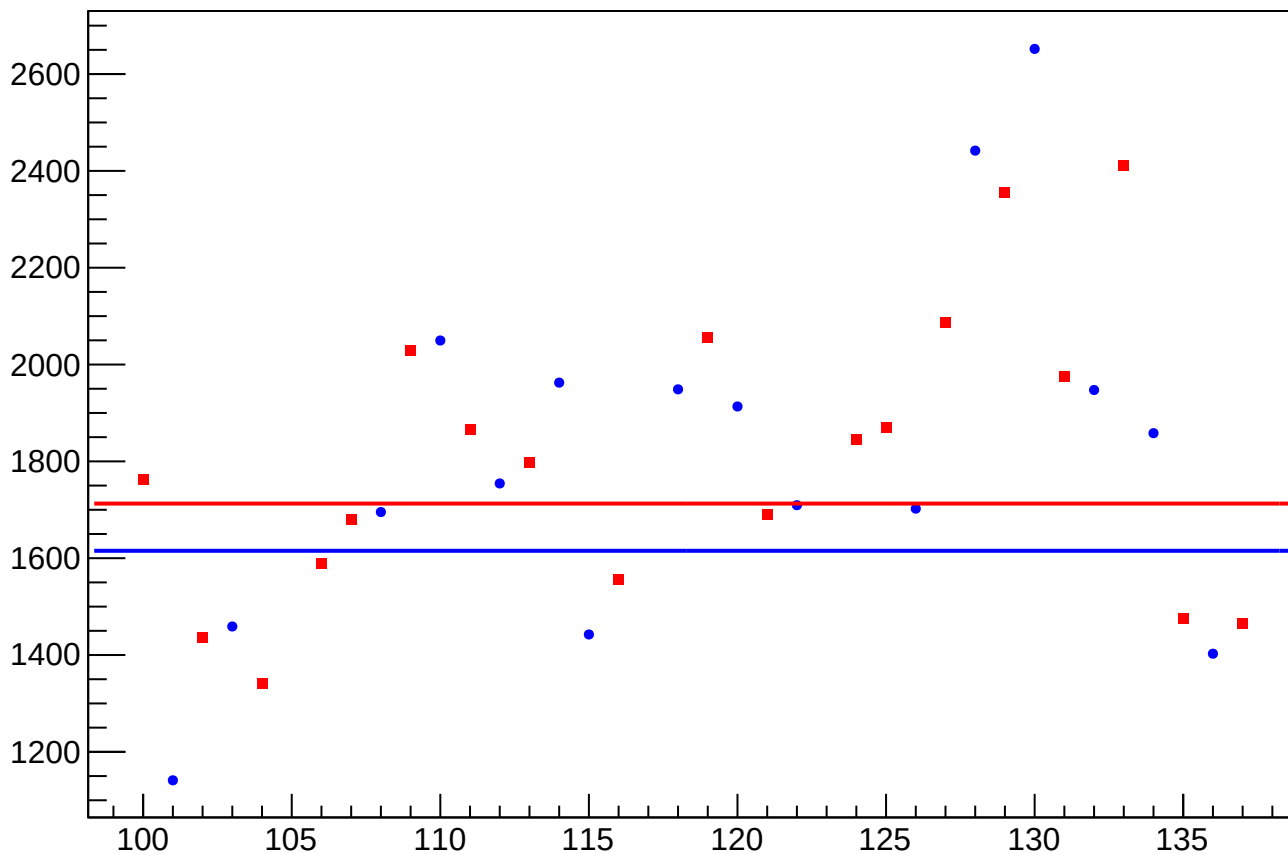
Right: -327.398+/-443.581 χ^2/NDF : 33.0/34

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.398+/-443.581 χ^2/NDF : 33.0/34

asym_usr_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.798+/-0.450 χ^2/NDF : 428065.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

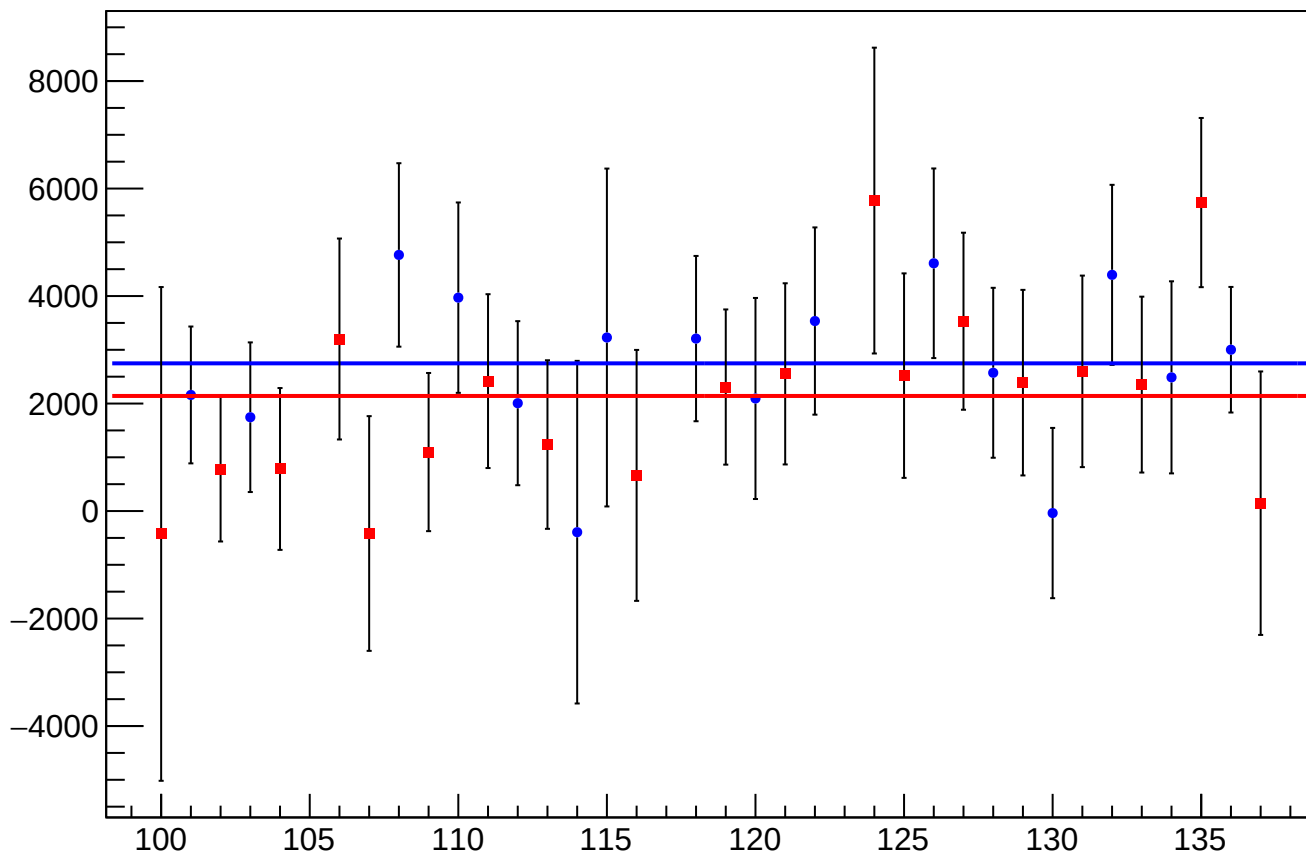
Right: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2747.939+/-408.759 χ^2/NDF : 9.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2141.169+/-402.789 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

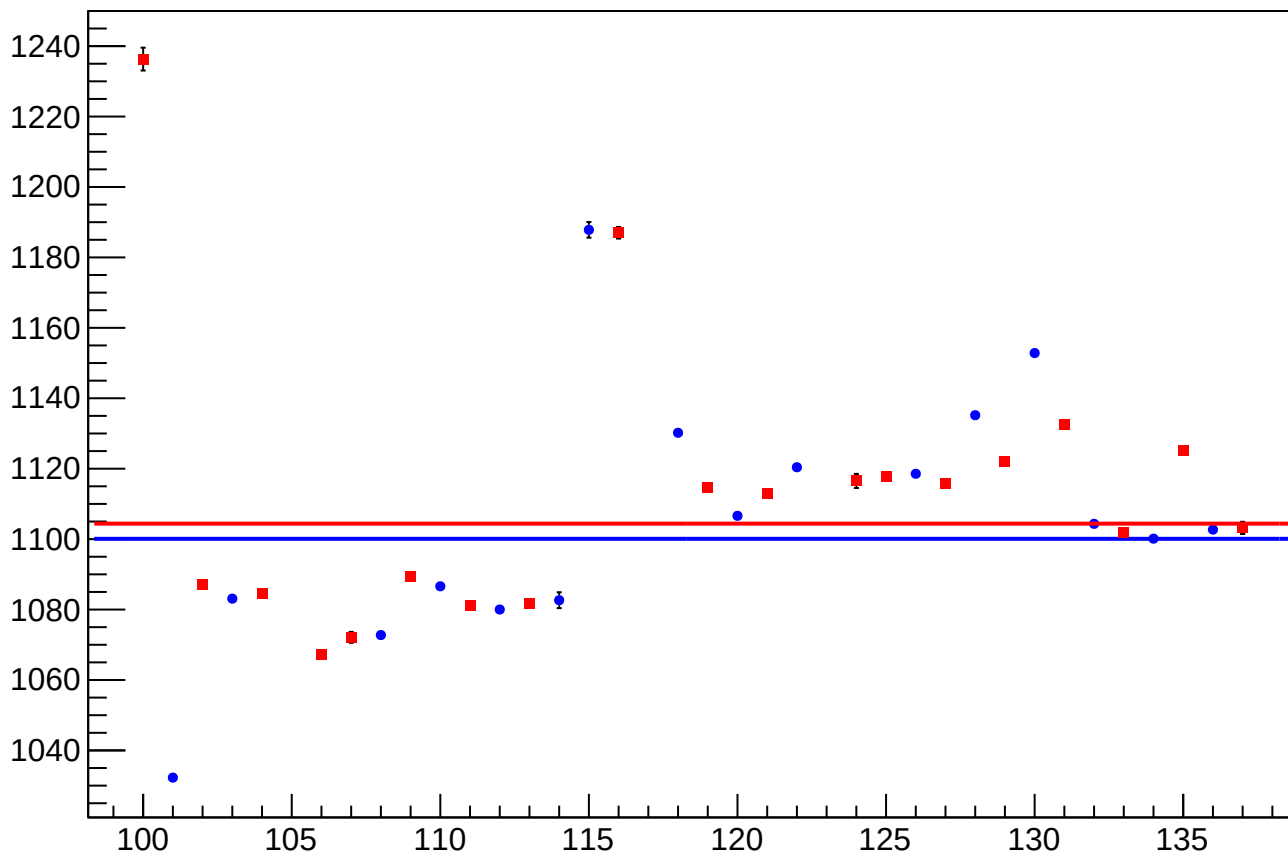
Right: 2440.090+/-286.902 χ^2/NDF : 24.2/34

In: 2747.939+/-408.759 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2440.090+/-286.902 χ^2/NDF : 24.2/34

overload_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1100.090+/-0.289 χ^2/NDF : 13077.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1104.403+/-0.285 χ^2/NDF : 8543.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

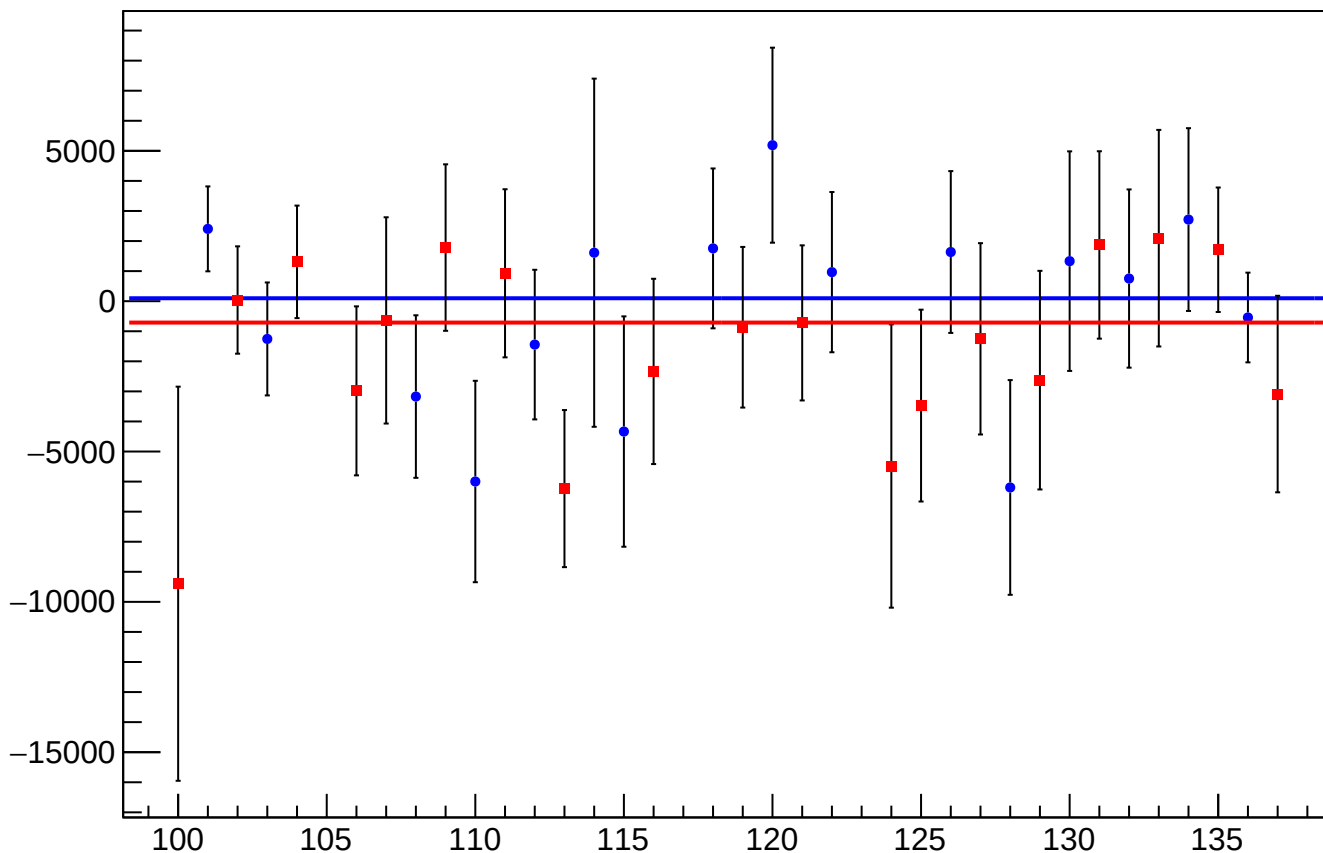
Right: 1102.278+/-0.203 χ^2/NDF : 21733.6/34

In: 1100.090+/-0.289 χ^2/NDF : 13077.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.278+/-0.203 χ^2/NDF : 21733.6/34

asym_usr_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: 97.435+/-618.876 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -711.287+/-637.587 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

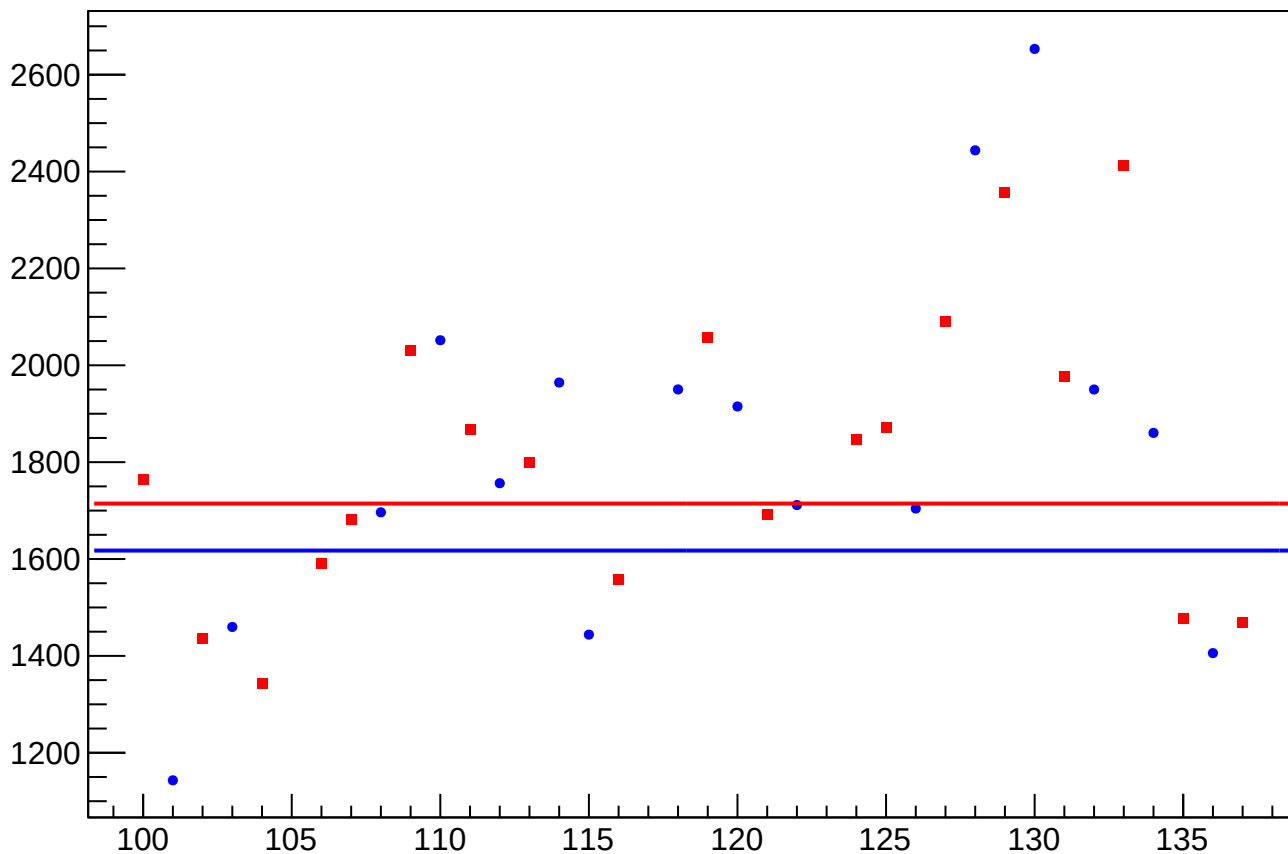
Right: -294.885+/-444.079 χ^2/NDF : 33.0/34

In: 97.435+/-618.876 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -294.885+/-444.079 χ^2/NDF : 33.0/34

asym_usr_overload_cor_correction_rms vs Slug, Sign Corrected



Right In: 1617.491+/-0.438 χ^2/NDF : 691725.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1714.508+/-0.451 χ^2/NDF : 427709.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

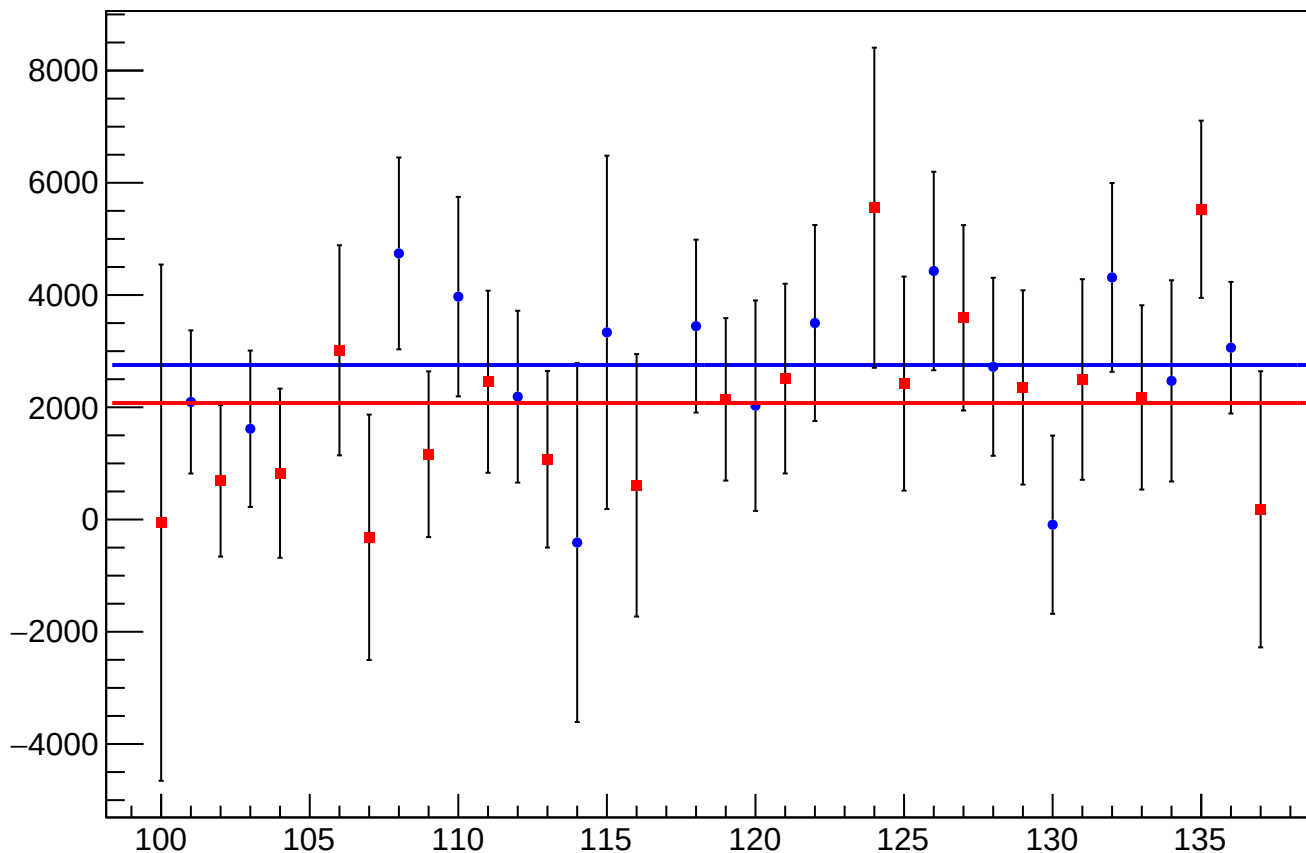
Right: 1664.555+/-0.314 χ^2/NDF : 1143278.0/34

In: 1617.491+/-0.438 χ^2/NDF : 691725.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1664.555+/-0.314 χ^2/NDF : 1143278.0/34

eigen_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2076.471+/-403.796 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

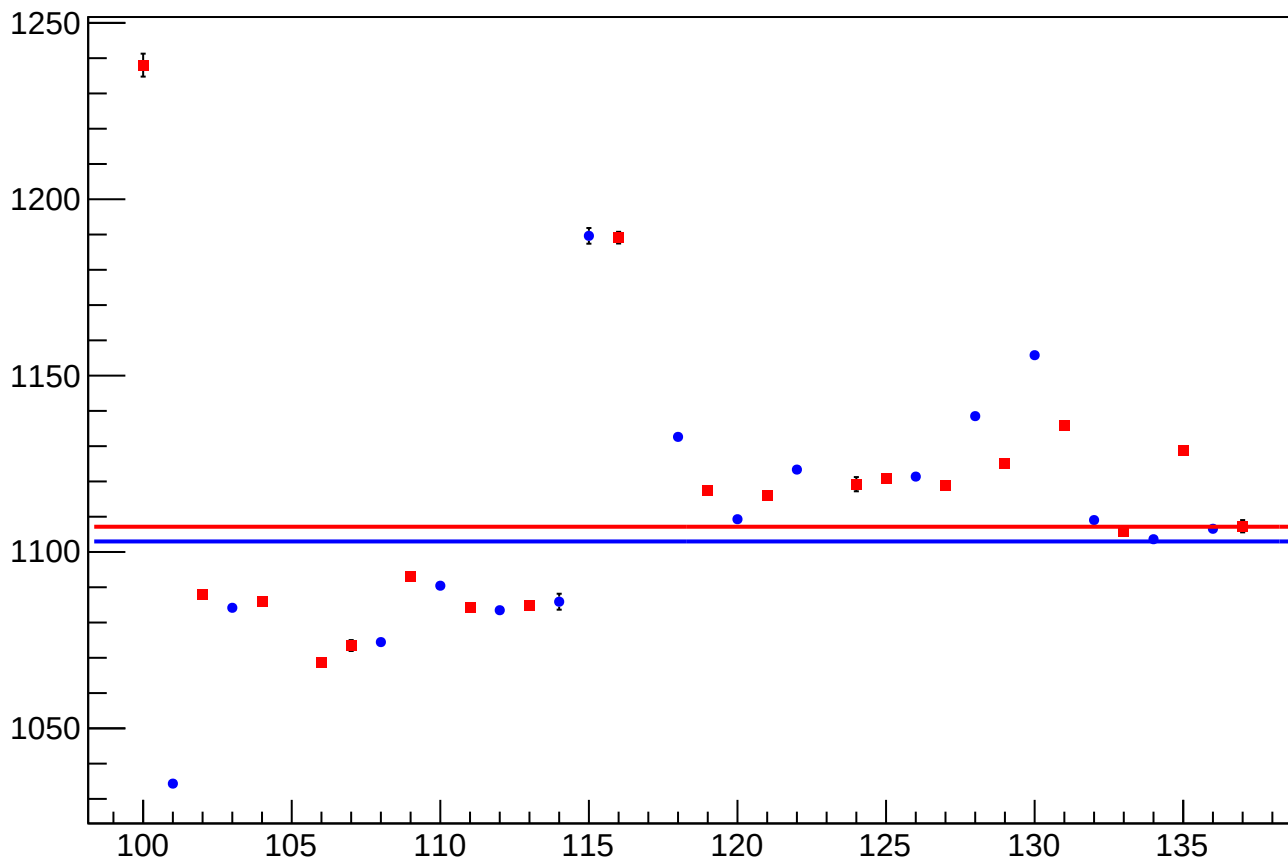
Right: 2409.773+/-287.639 χ^2/NDF : 23.4/34

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2409.773+/-287.639 χ^2/NDF : 23.4/34

eigen_cor_asym_usr_rms vs Slug, Sign Corrected



Right In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1107.159+/-0.286 χ^2/NDF : 8683.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

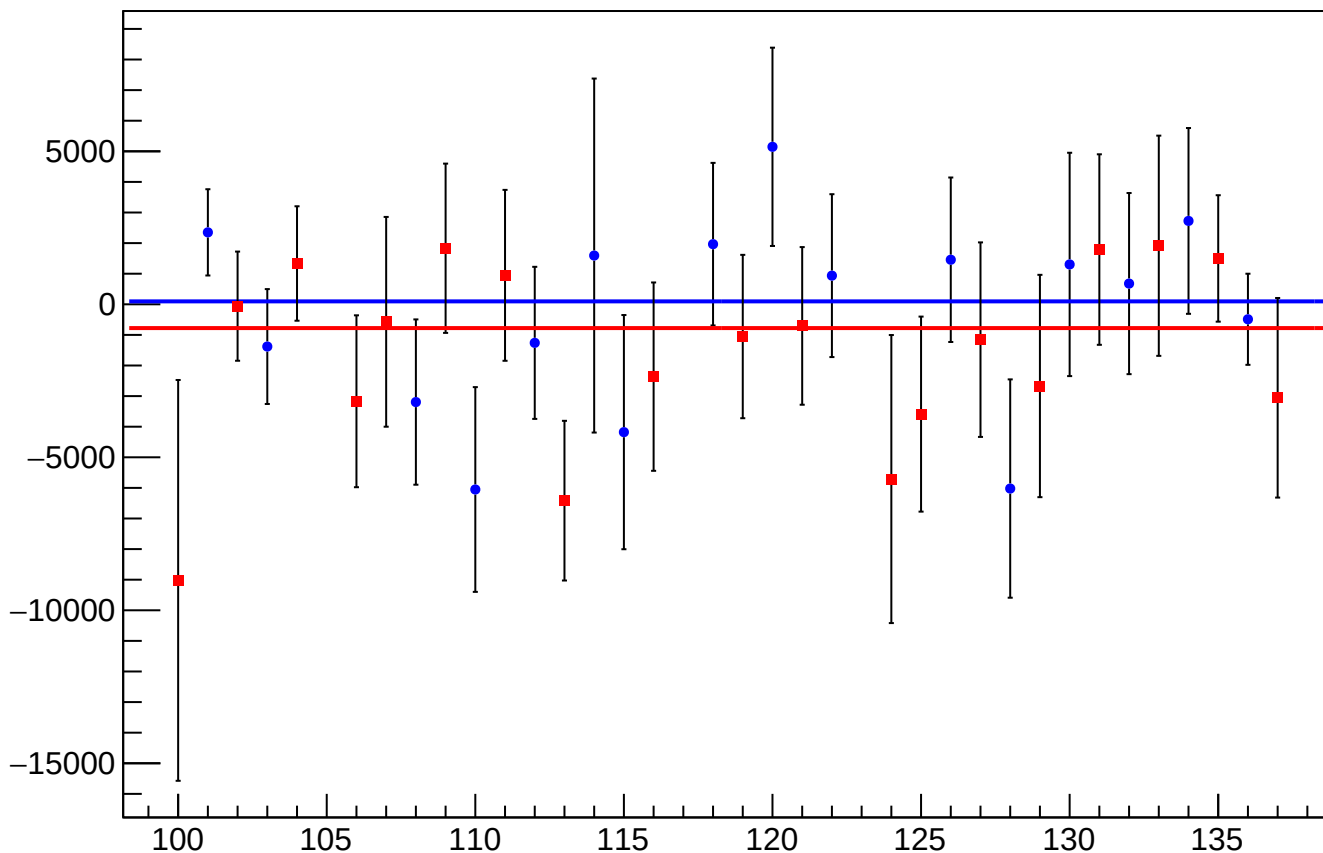
Right: 1105.104+/-0.203 χ^2/NDF : 22012.3/34

In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.104+/-0.203 χ^2/NDF : 22012.3/34

asym_usr_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -776.996+/-636.966 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

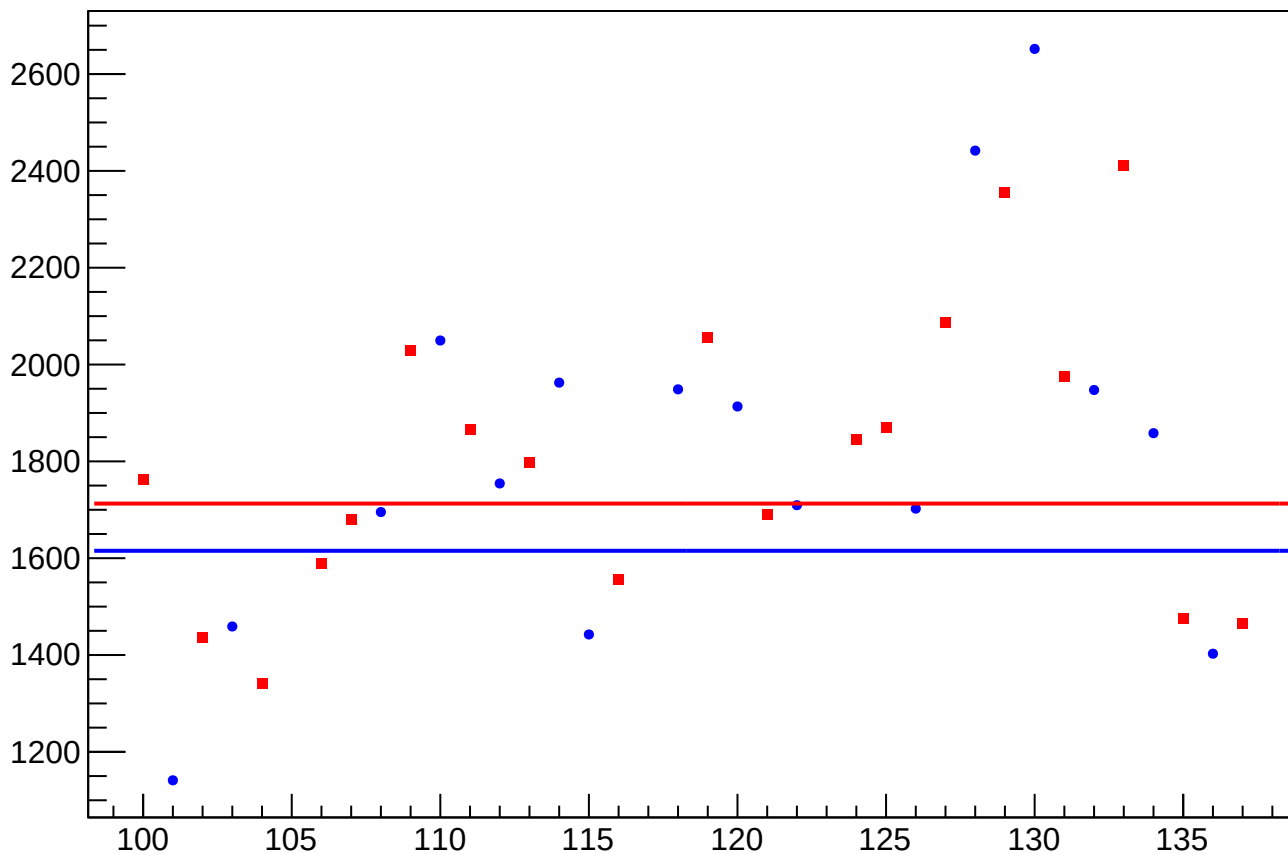
Right: -327.398+/-443.581 χ^2/NDF : 33.0/34

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -327.398+/-443.581 χ^2/NDF : 33.0/34

asym_usr_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1712.798+/-0.450 χ^2/NDF : 428065.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

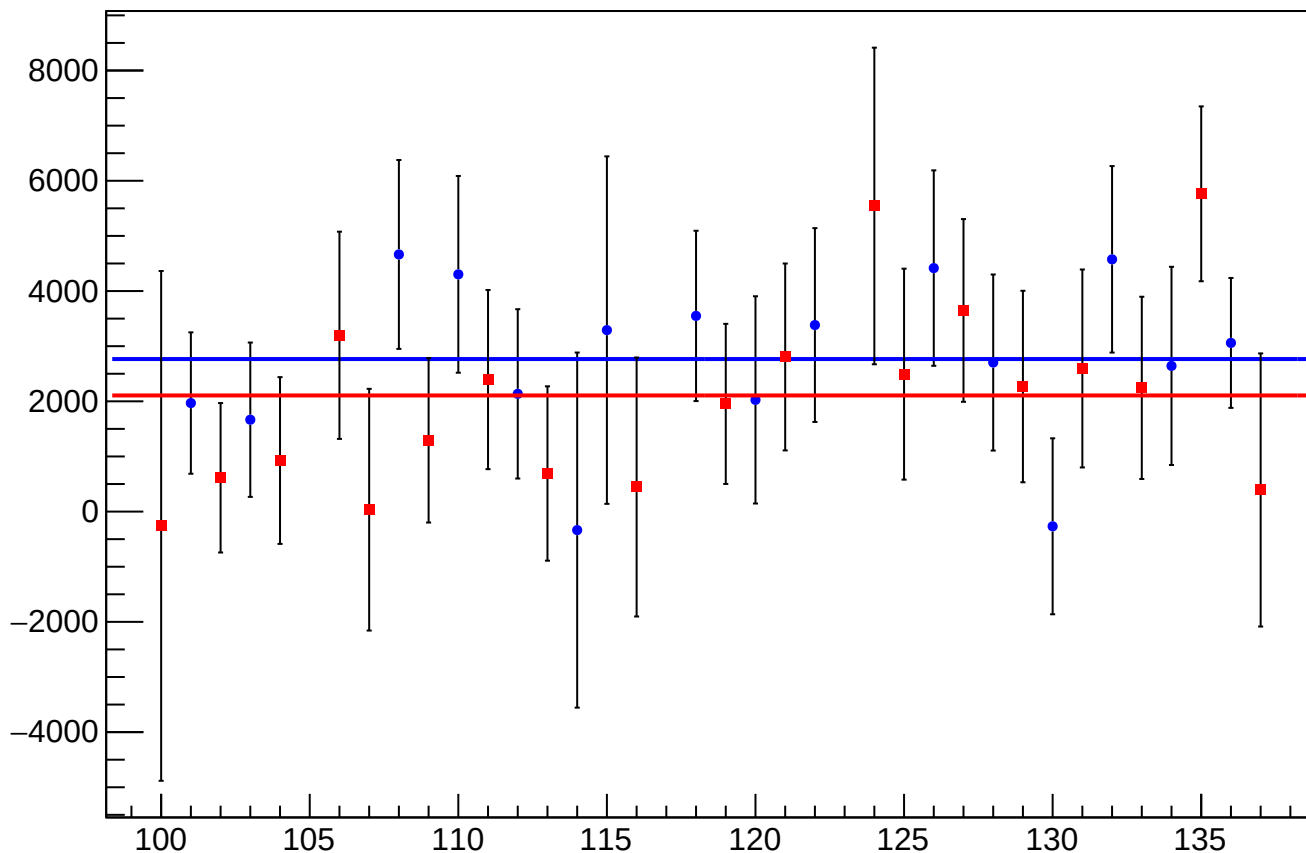
Right: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.591+/-0.314 χ^2/NDF : 1145820.9/34

dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2766.657 $\pm$ 411.563 χ^2 /NDF: 10.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2106.358 $\pm$ 405.586 χ^2 /NDF: 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

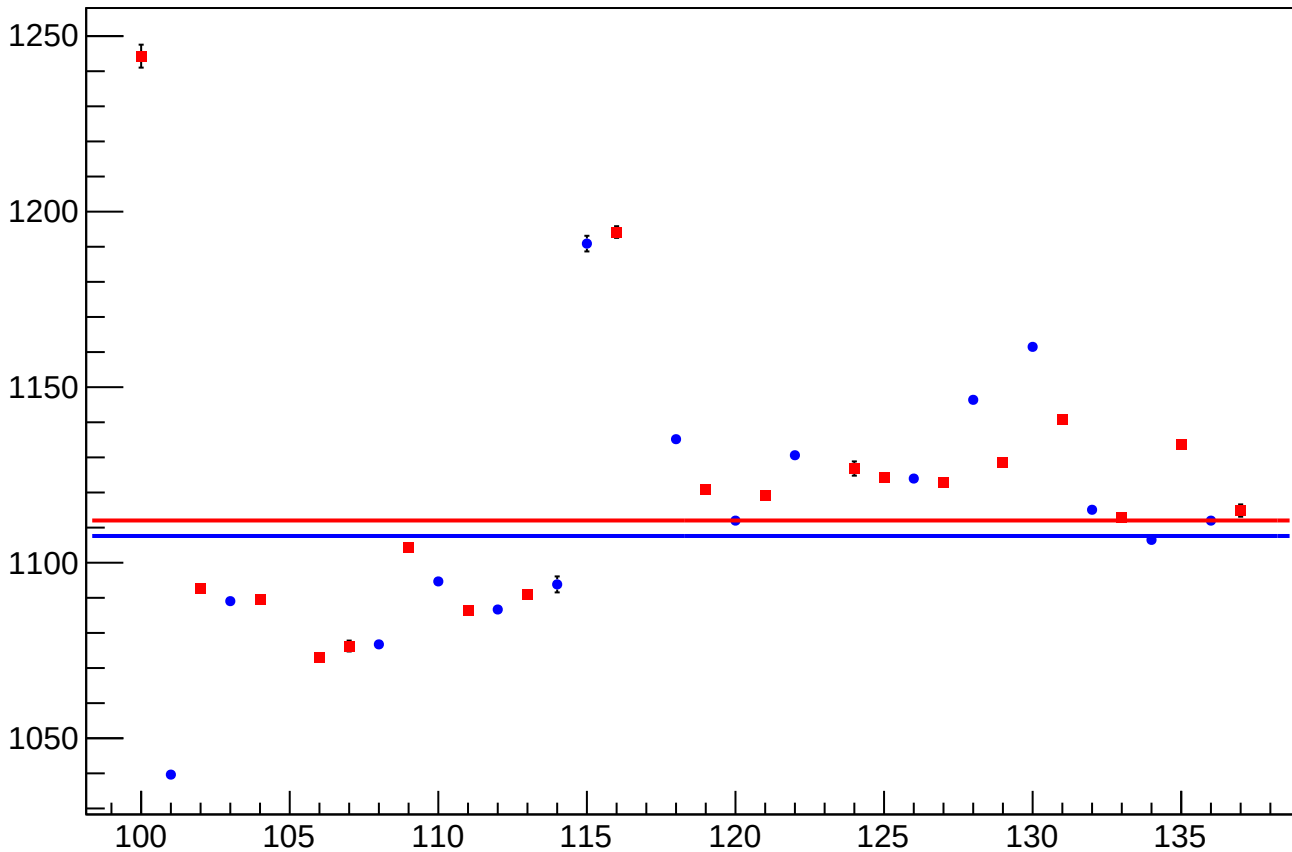
Right: 2431.678 $\pm$ 288.883 χ^2 /NDF: 25.0/34

In: 2766.657 $\pm$ 411.563 χ^2 /NDF:10.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2431.678 $\pm$ 288.883 χ^2 /NDF: 25.0/34

dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.613+/-0.291 χ^2/NDF : 13220.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1112.029+/-0.287 χ^2/NDF : 8653.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

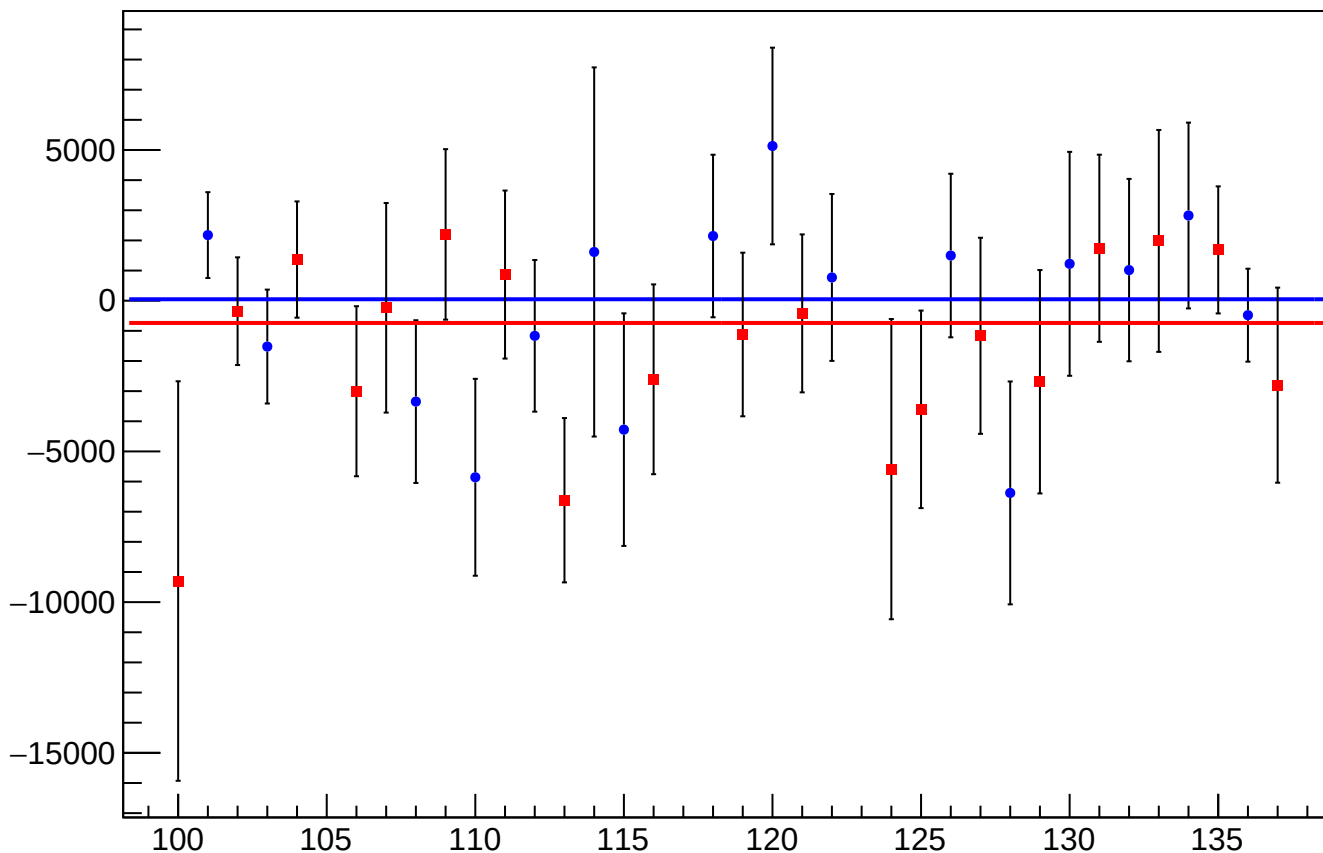
Right: 1109.854+/-0.204 χ^2/NDF : 21991.1/34

In: 1107.613+/-0.291 χ^2/NDF : 13220.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.854+/-0.204 χ^2/NDF : 21991.1/34

asym_usr_dit_correction_mean vs Slug, Sign Corrected



Right In: 47.817+/-628.060 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -738.185+/-647.795 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

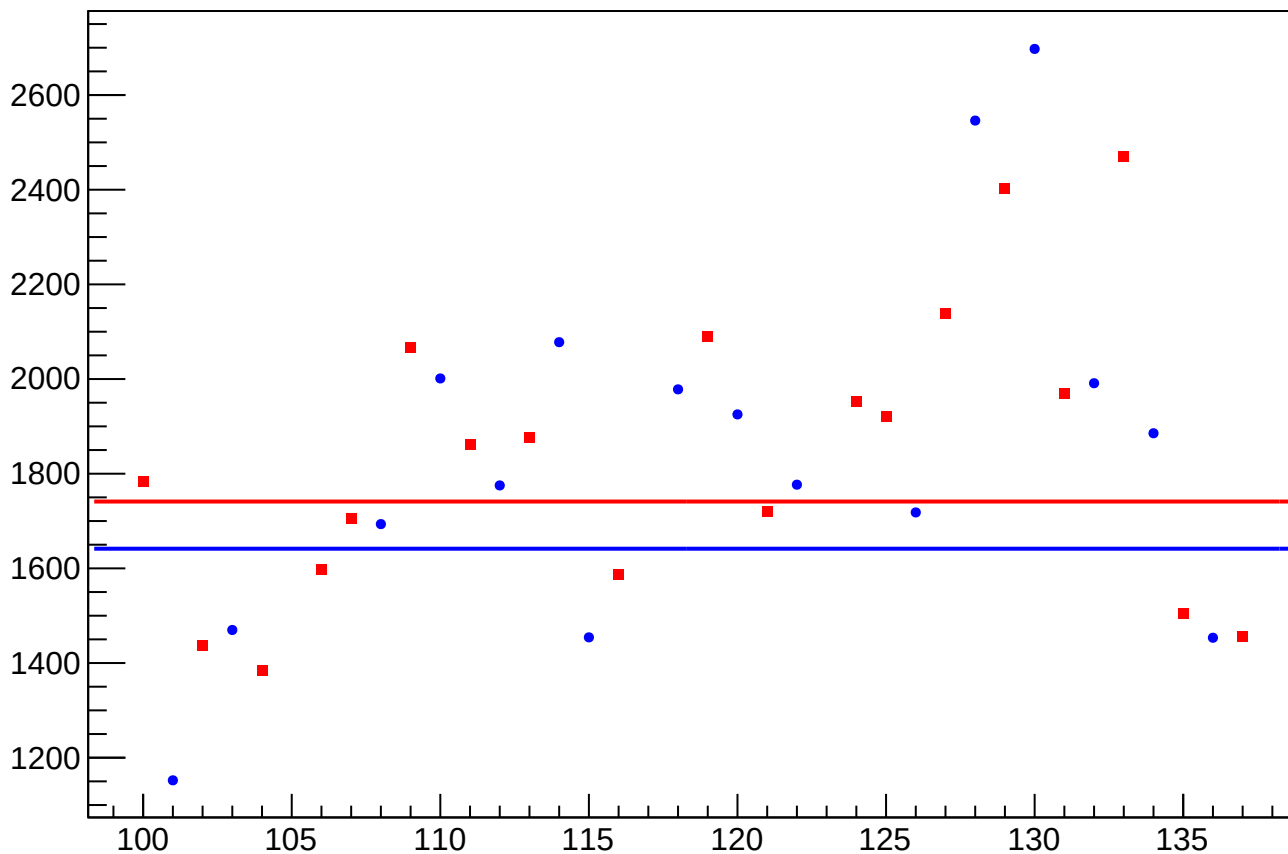
Right: -333.029+/-450.921 χ^2/NDF : 32.6/34

In: 47.817+/-628.060 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.029+/-450.921 χ^2/NDF : 32.6/34

asym_usr_dit_correction_rms vs Slug, Sign Corrected



Right In: 1641.538+/-0.444 χ^2/NDF : 701311.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.200+/-0.458 χ^2/NDF : 438336.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

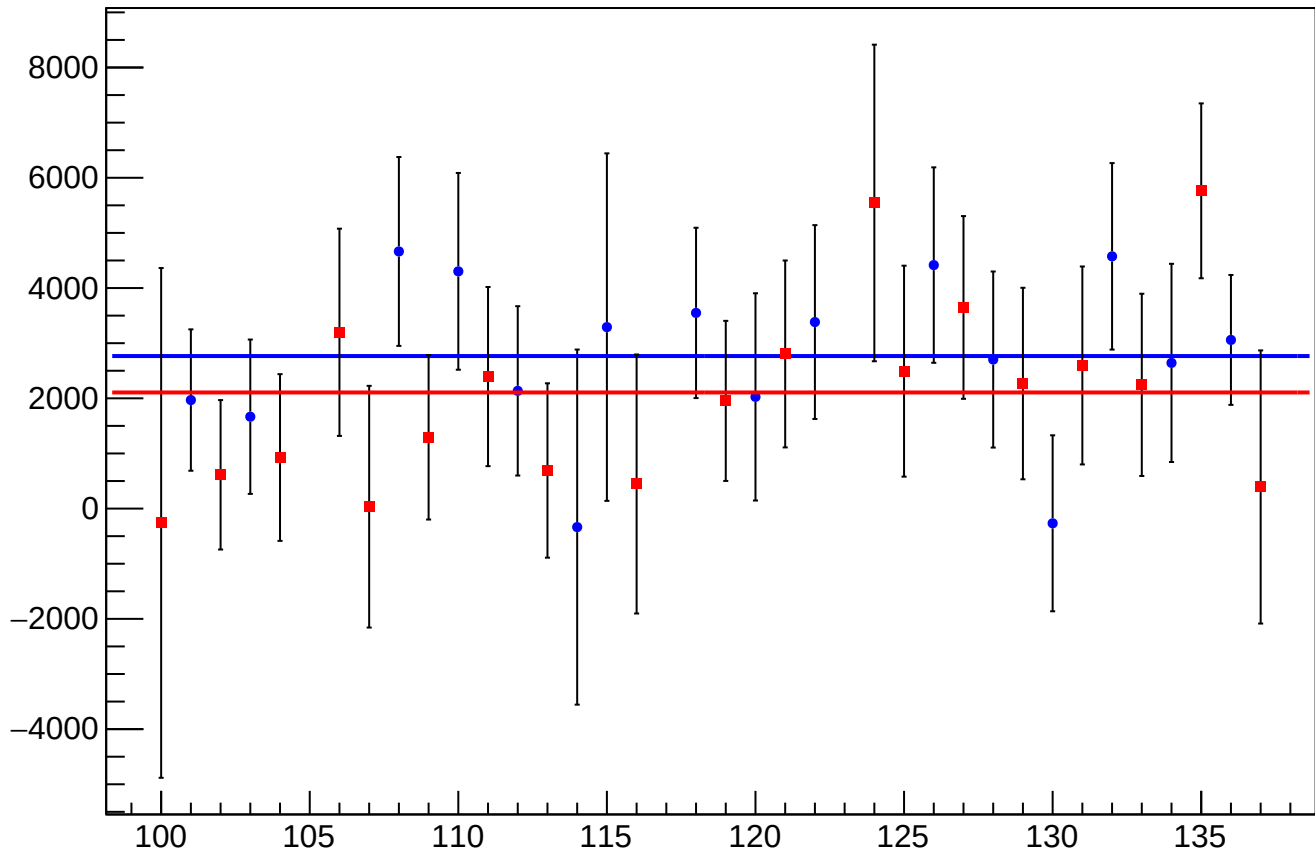
Right: 1689.828+/-0.319 χ^2/NDF : 1164049.3/34

In: 1641.538+/-0.444 χ^2/NDF : 701311.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.828+/-0.319 χ^2/NDF : 1164049.3/34

eigen_dit_asym_usr_mean vs Slug, Sign Corrected



Right In: 2766.656 $\pm$ 411.563 χ^2 /NDF: 10.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2106.360 $\pm$ 405.586 χ^2 /NDF: 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

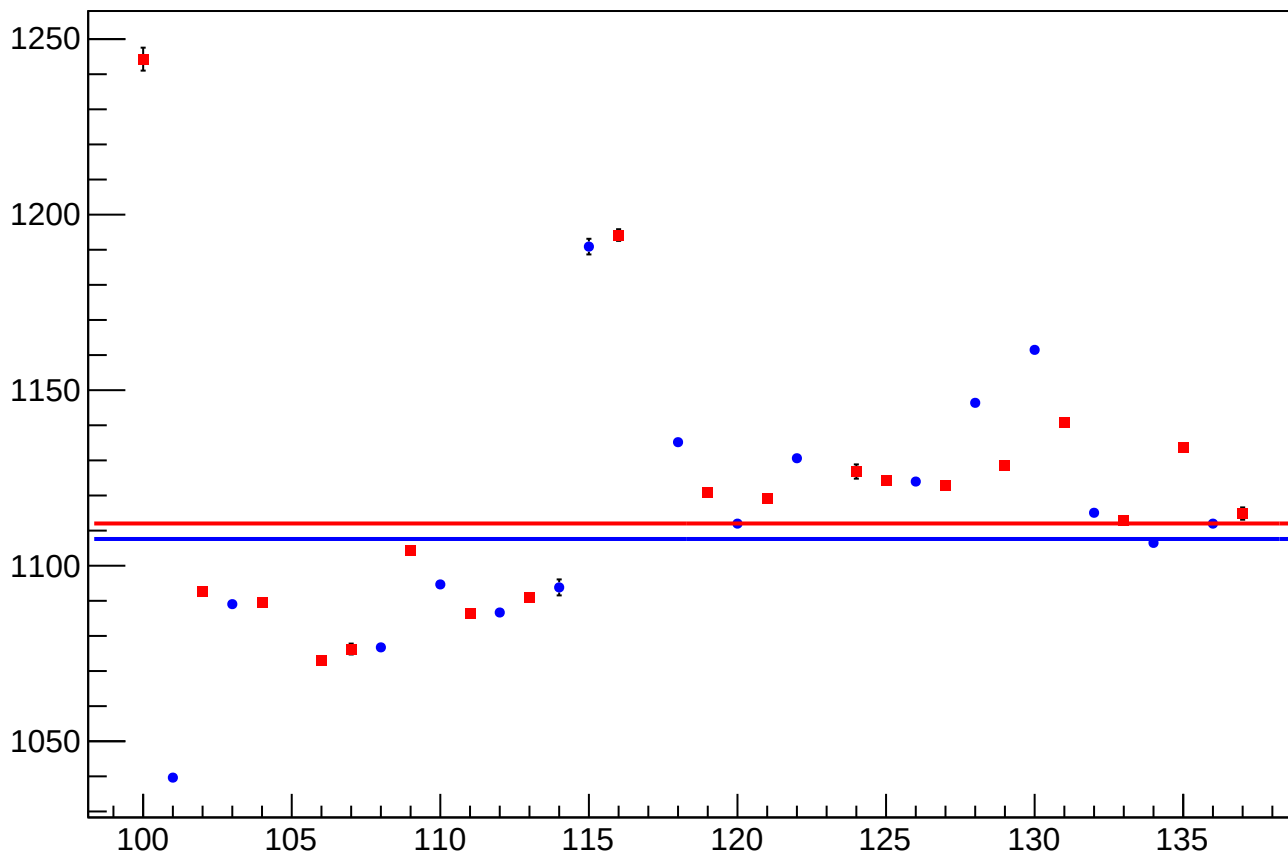
Right: 2431.678 $\pm$ 288.882 χ^2 /NDF: 25.0/34

In: 2766.656 $\pm$ 411.563 χ^2 /NDF:10.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2431.678 $\pm$ 288.882 χ^2 /NDF: 25.0/34

eigen_dit_asym_usr_rms vs Slug, Sign Corrected



Right In: 1107.613 ± 0.291 χ^2/NDF : 13220.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1112.029 ± 0.287 χ^2/NDF : 8653.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

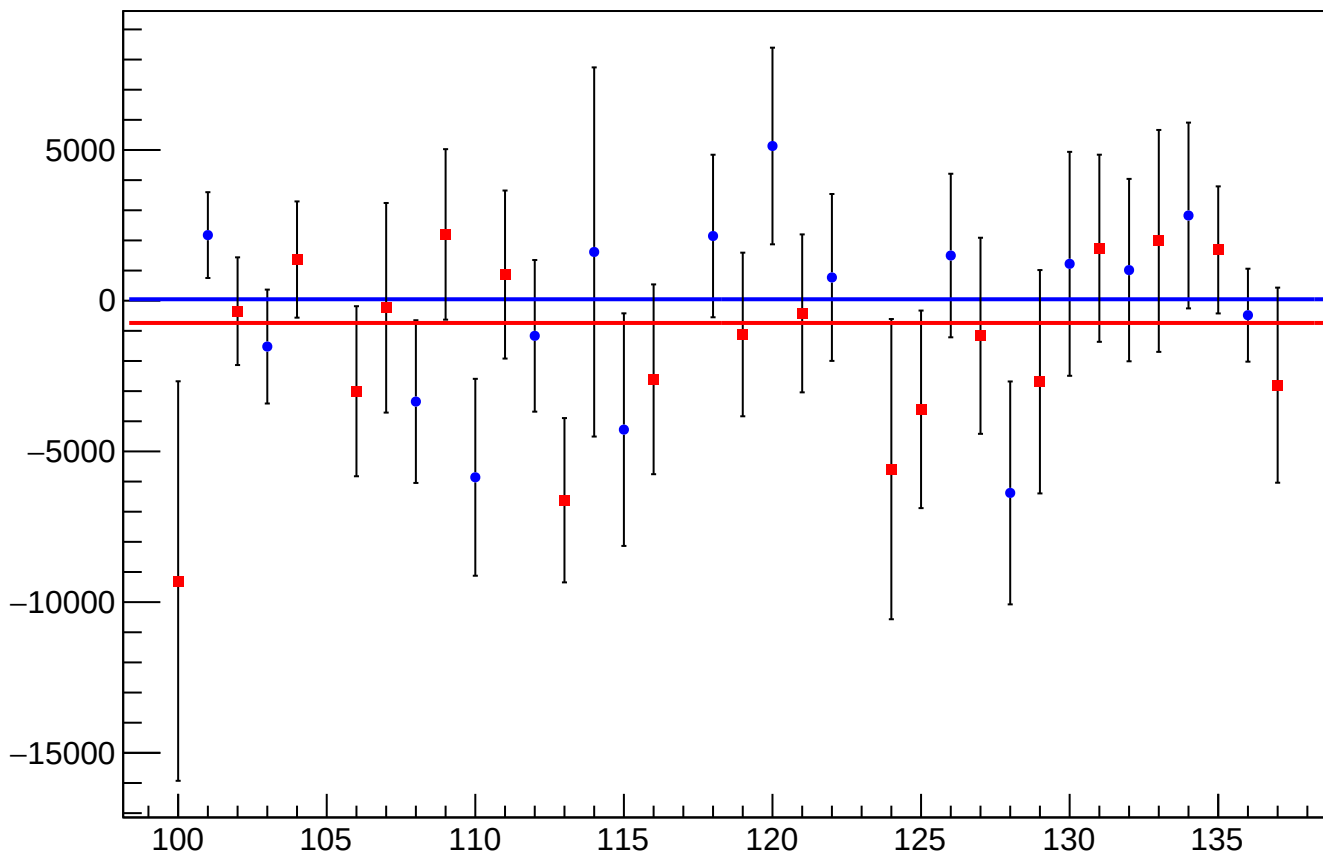
Right: 1109.853 ± 0.204 χ^2/NDF : 21991.0/34

In: 1107.613 ± 0.291 χ^2/NDF : 13220.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1109.853 ± 0.204 χ^2/NDF : 21991.0/34

asym_usr_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 47.813+/-628.059 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -738.188+/-647.795 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

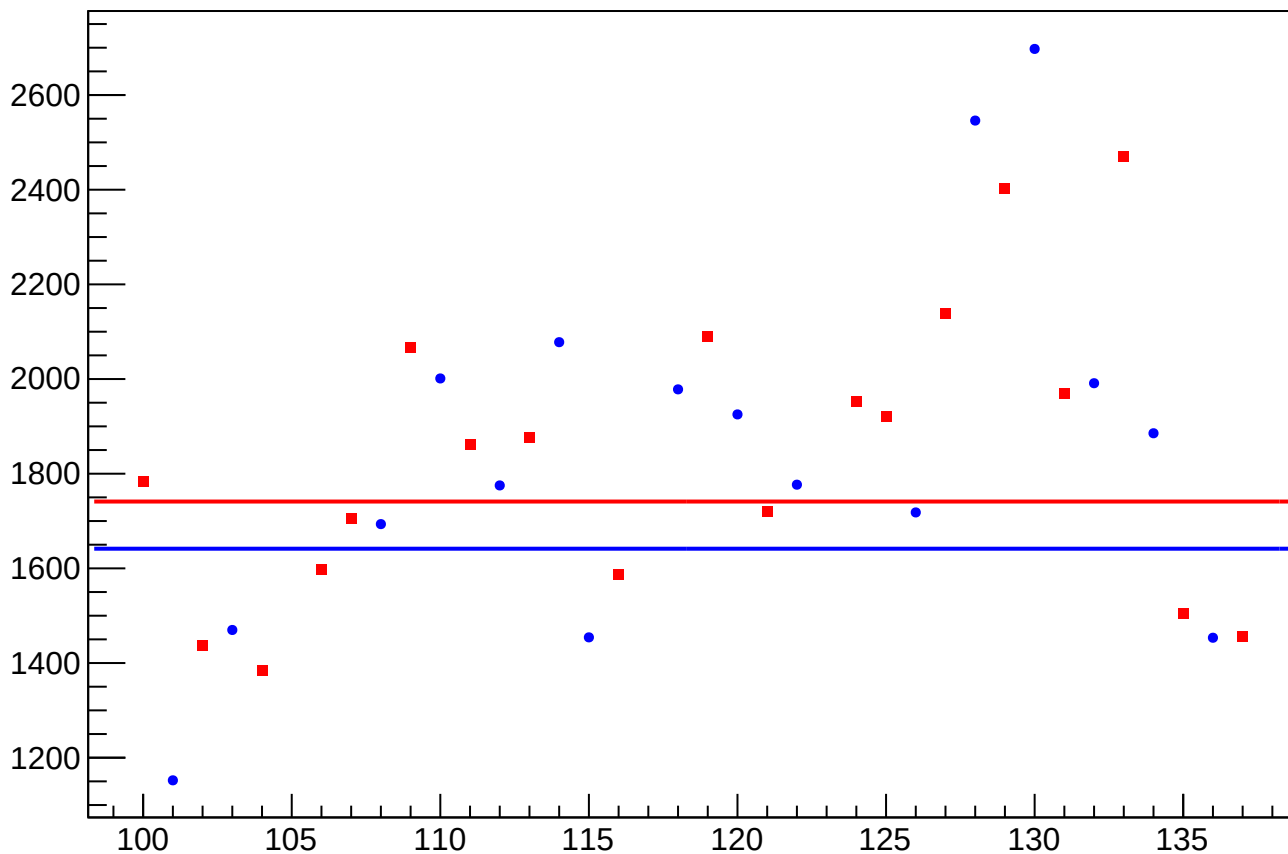
Right: -333.032+/-450.921 χ^2/NDF : 32.6/34

In: 47.813+/-628.059 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -333.032+/-450.921 χ^2/NDF : 32.6/34

asym_usr_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1641.536+/-0.444 χ^2/NDF : 701299.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.199+/-0.458 χ^2/NDF : 438324.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

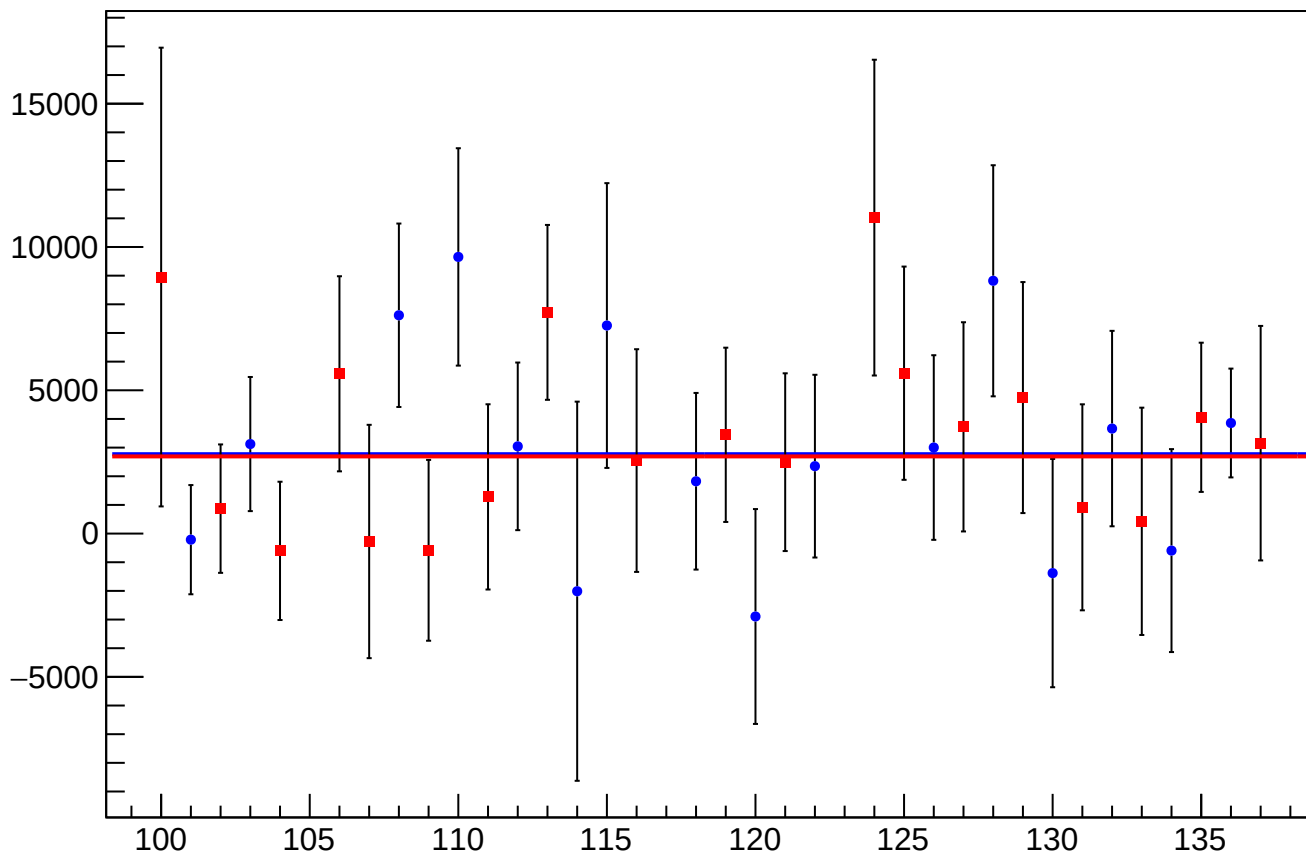
Right: 1689.826+/-0.319 χ^2/NDF : 1164025.0/34

In: 1641.536+/-0.444 χ^2/NDF : 701299.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1689.826+/-0.319 χ^2/NDF : 1164025.0/34

asym_usr_mean vs Slug, Sign Corrected



Right In: 2769.952 $\pm$ 757.109 χ^2 /NDF: 16.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2692.625 $\pm$ 765.754 χ^2 /NDF: 12.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

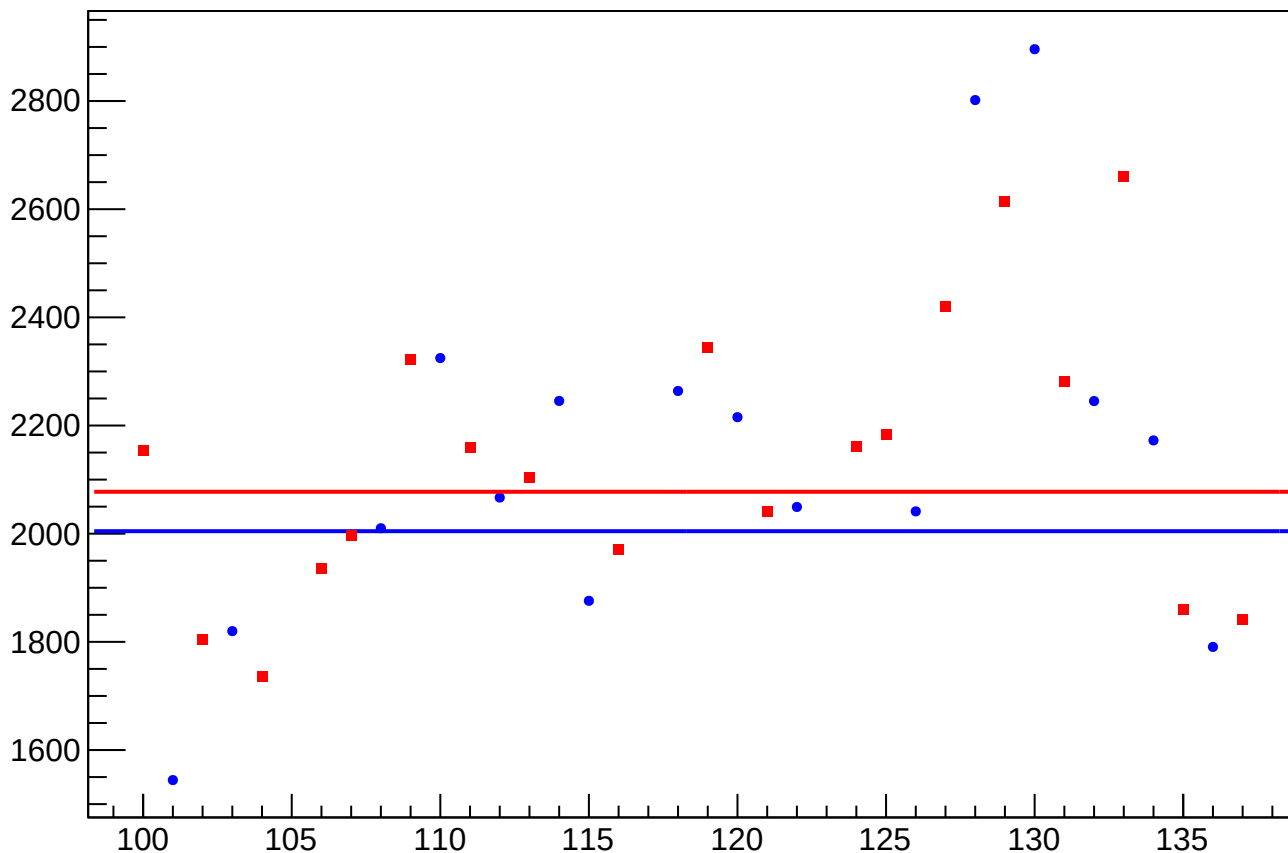
Right: 2731.727 $\pm$ 538.387 χ^2 /NDF: 29.0/34

In: 2769.952 $\pm$ 757.109 χ^2 /NDF:16.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2731.727 $\pm$ 538.387 χ^2 /NDF: 29.0/34

asym_usr_rms vs Slug, Sign Corrected



Right In: 2004.635+/-0.535 χ^2/NDF : 387567.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2077.500+/-0.541 χ^2/NDF : 230482.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

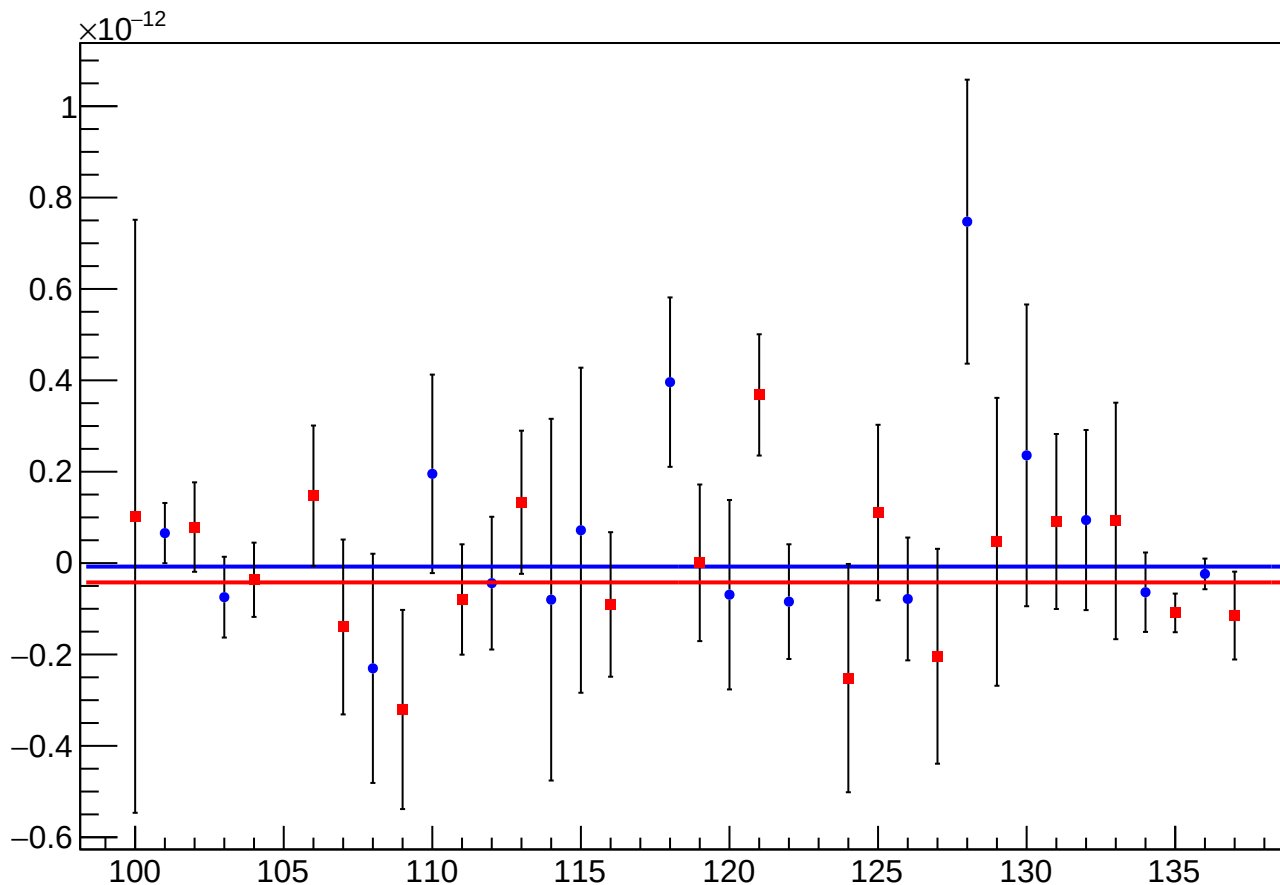
Right: 2040.654+/-0.381 χ^2/NDF : 627206.5/34

In: 2004.635+/-0.535 χ^2/NDF : 387567.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2040.654+/-0.381 χ^2/NDF : 627206.5/34

asym_usr_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

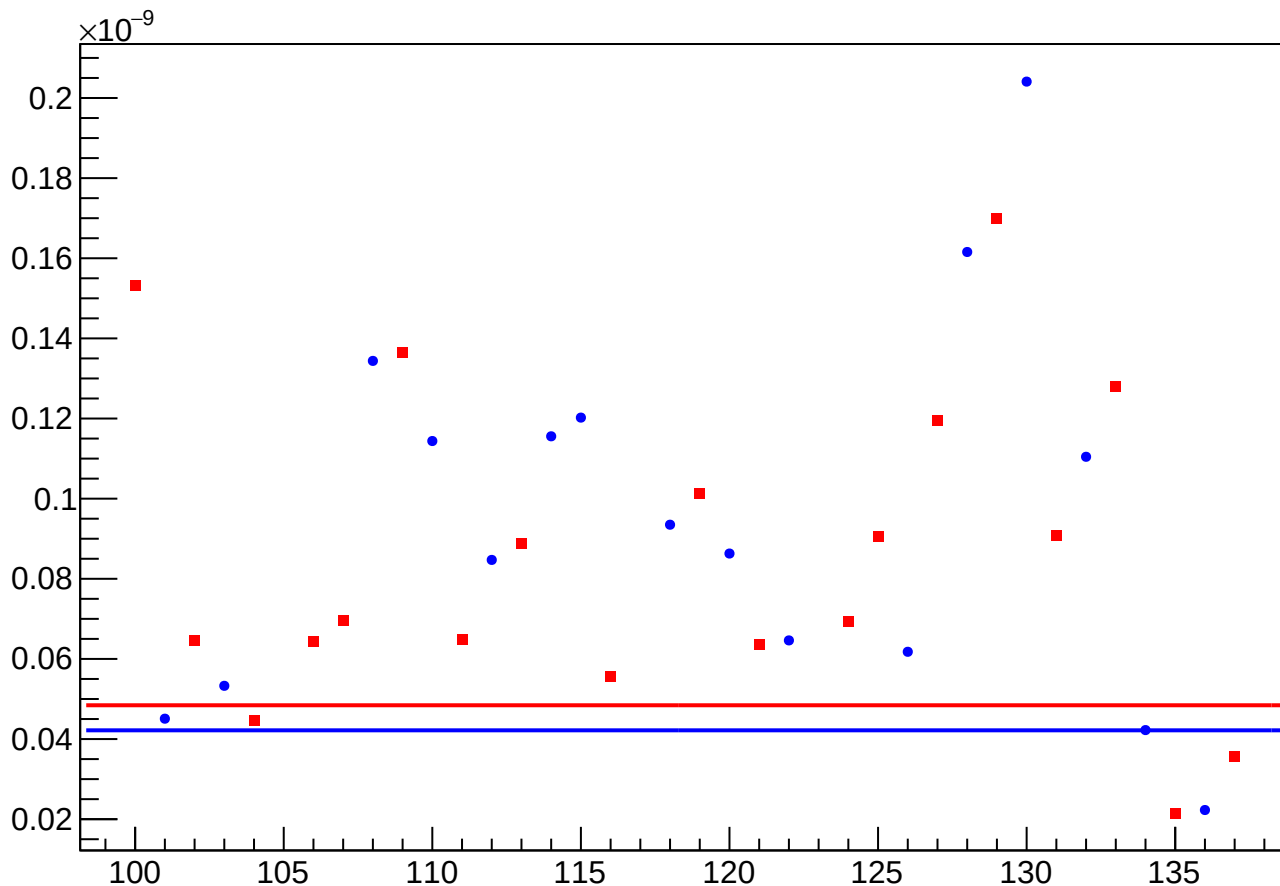
Right: -0.000+/-0.000 χ^2/NDF : 39.1/34

In: -0.000+/-0.000 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.1/34

asym_usr_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2933545.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2604483.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

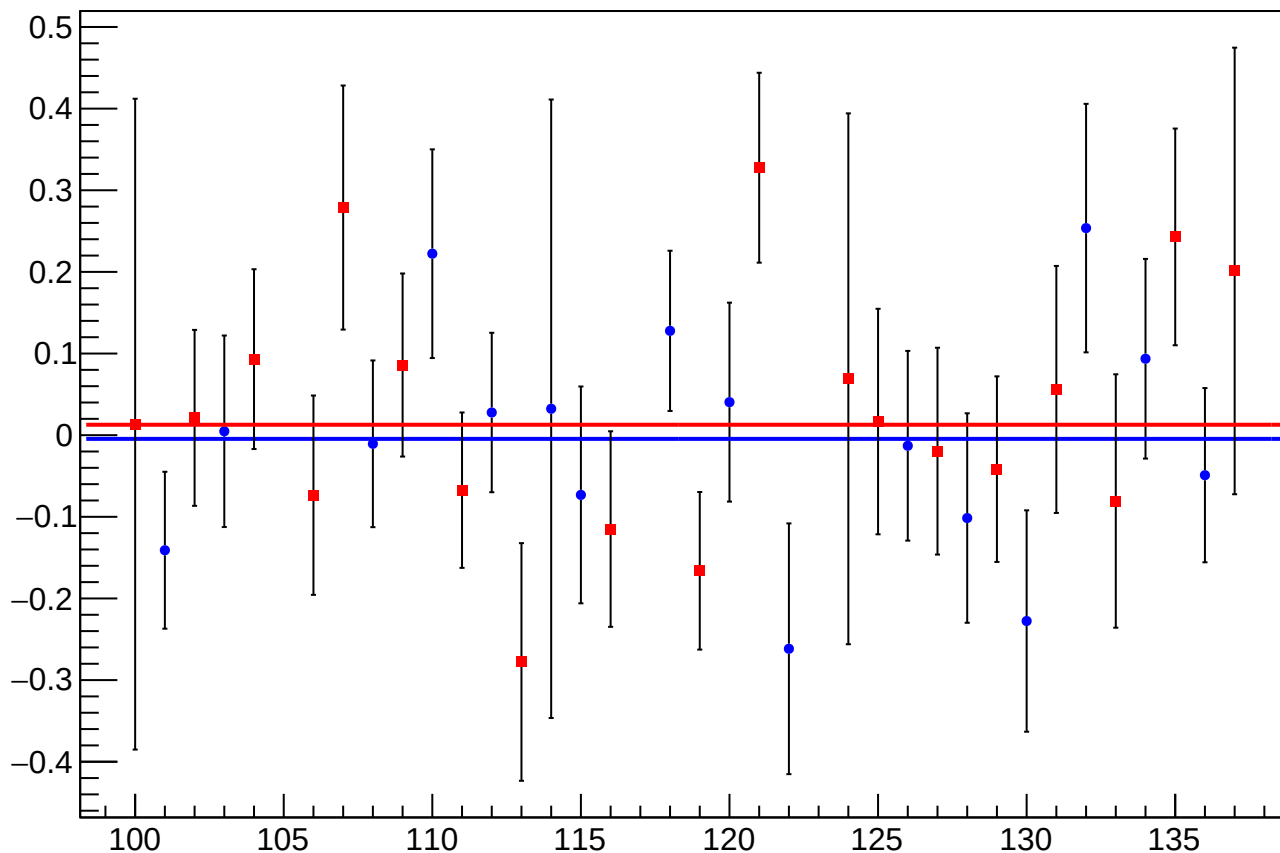
Right: 0.000+/-0.000 χ^2/NDF : 5597279.7/34

In: 0.000+/-0.000 χ^2/NDF :2933545.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5597279.7/34

asym_usr_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.030 $\chi^2/\text{NDF}: 17.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.013 ± 0.030 $\chi^2/\text{NDF}: 25.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

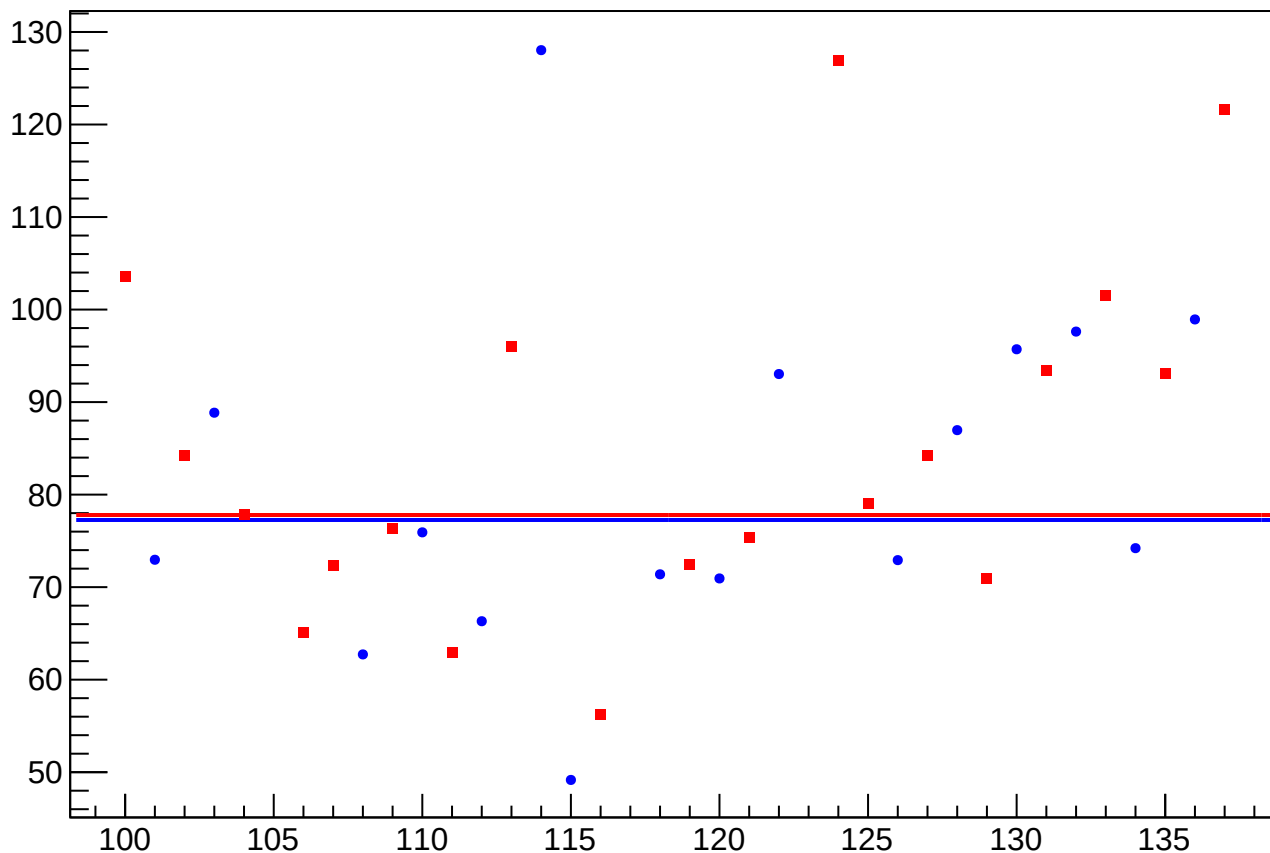
Right: 0.004 ± 0.021 $\chi^2/\text{NDF}: 42.9/34$

In: -0.005 ± 0.030 $\chi^2/\text{NDF}: 17.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.004 ± 0.021 $\chi^2/\text{NDF}: 42.9/34$

asym_usr_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.259+/-0.021 χ^2/NDF : 419290.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 77.796+/-0.021 χ^2/NDF : 396477.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

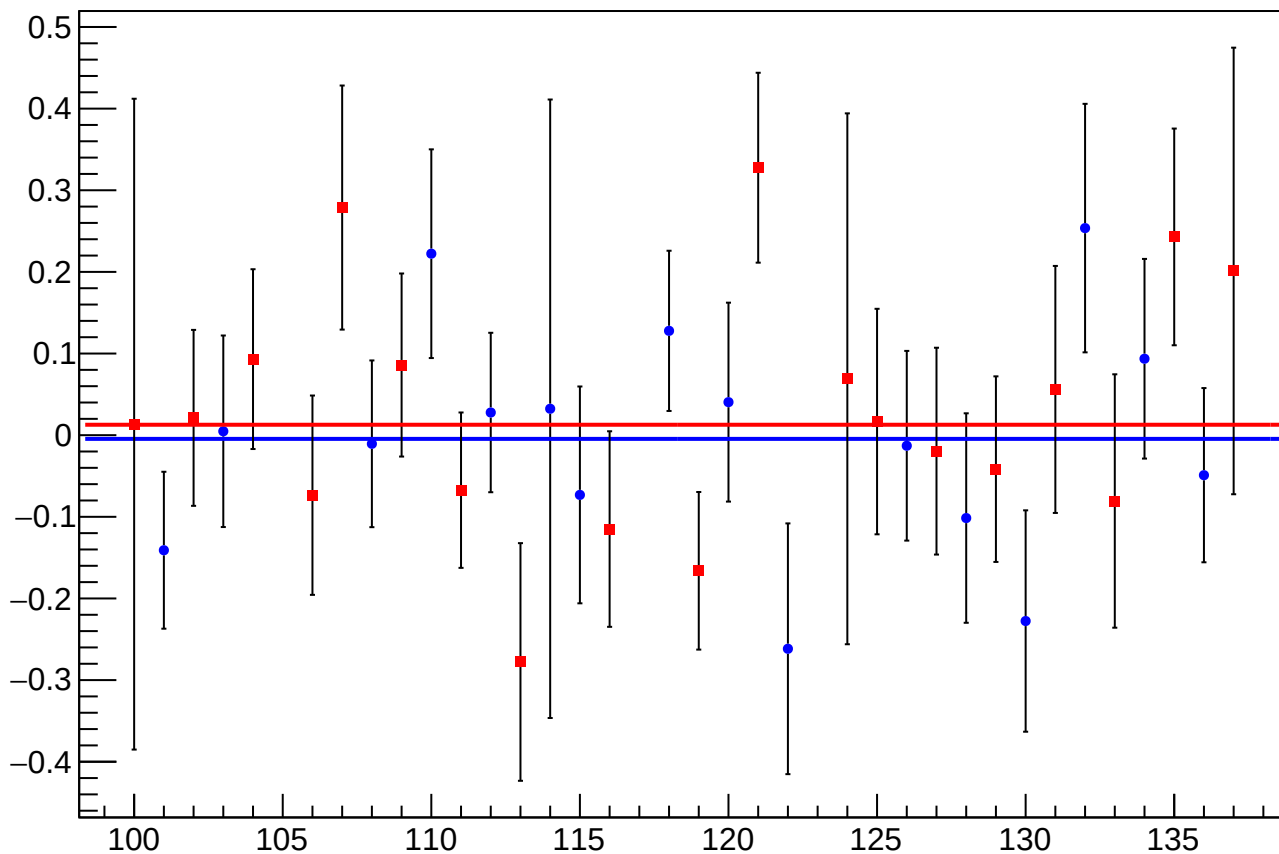
Right: 77.530+/-0.015 χ^2/NDF : 816090.7/34

In: 77.259+/-0.021 χ^2/NDF :419290.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 77.530+/-0.015 χ^2/NDF : 816090.7/34

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.030 χ^2/NDF : 17.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.030 χ^2/NDF : 25.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

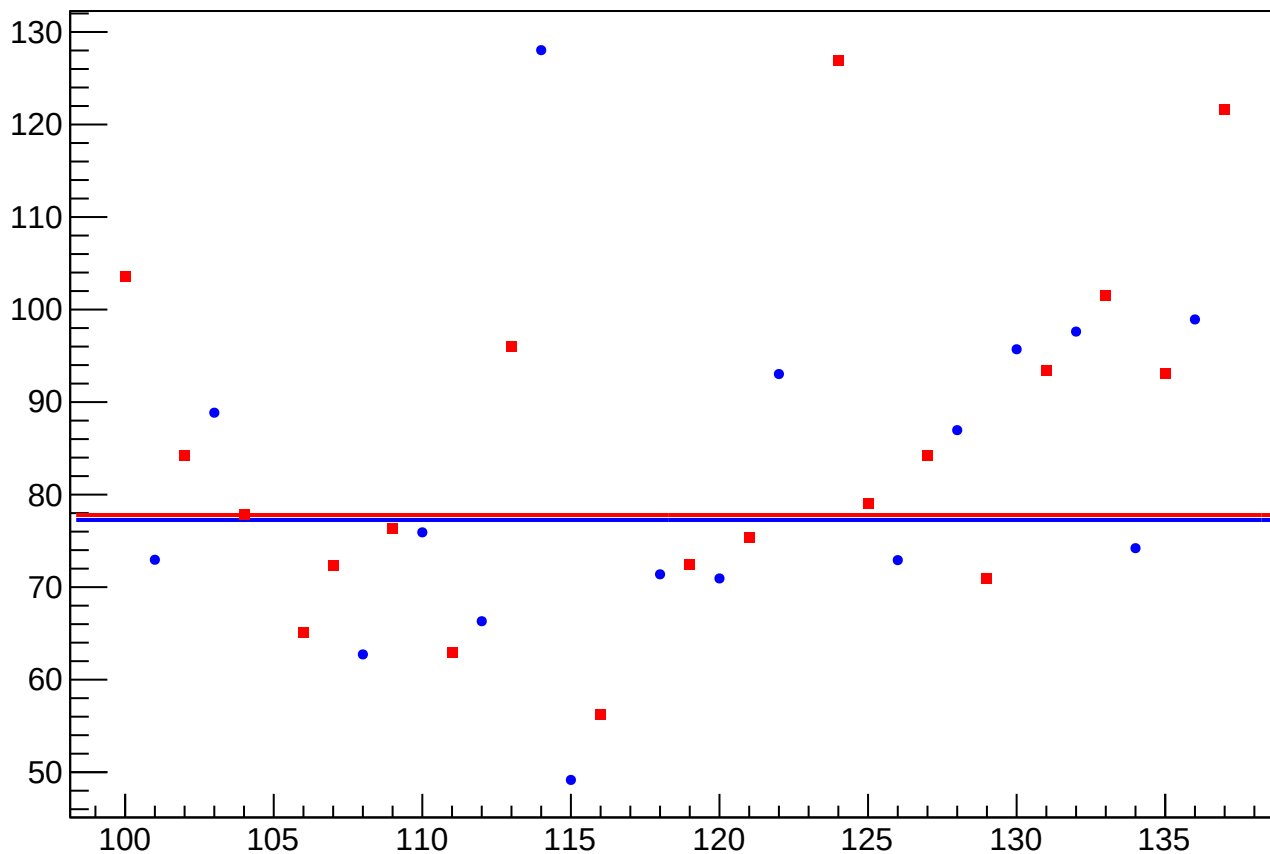
Right: 0.004 ± 0.021 χ^2/NDF : 42.9/34

In: -0.005 ± 0.030 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.021 χ^2/NDF : 42.9/34

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.259 $\pm$ 0.021 χ^2 /NDF: 419290.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.796 $\pm$ 0.021 χ^2 /NDF: 396477.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

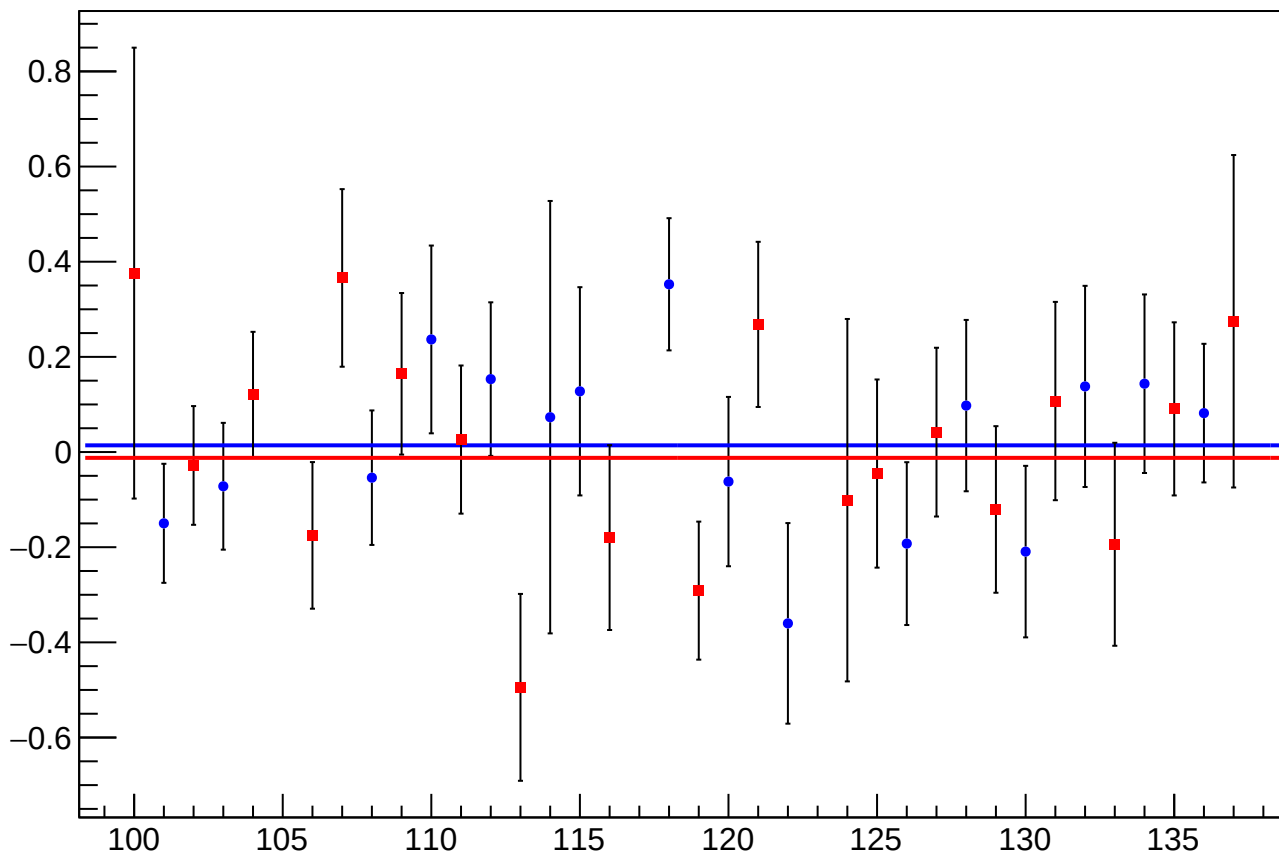
Right: 77.530 $\pm$ 0.015 χ^2 /NDF: 816090.7/34

In: 77.259 $\pm$ 0.021 χ^2 /NDF:419290.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.530 $\pm$ 0.015 χ^2 /NDF: 816090.7/34

asym_usr_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.042 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.041 χ^2/NDF : 23.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

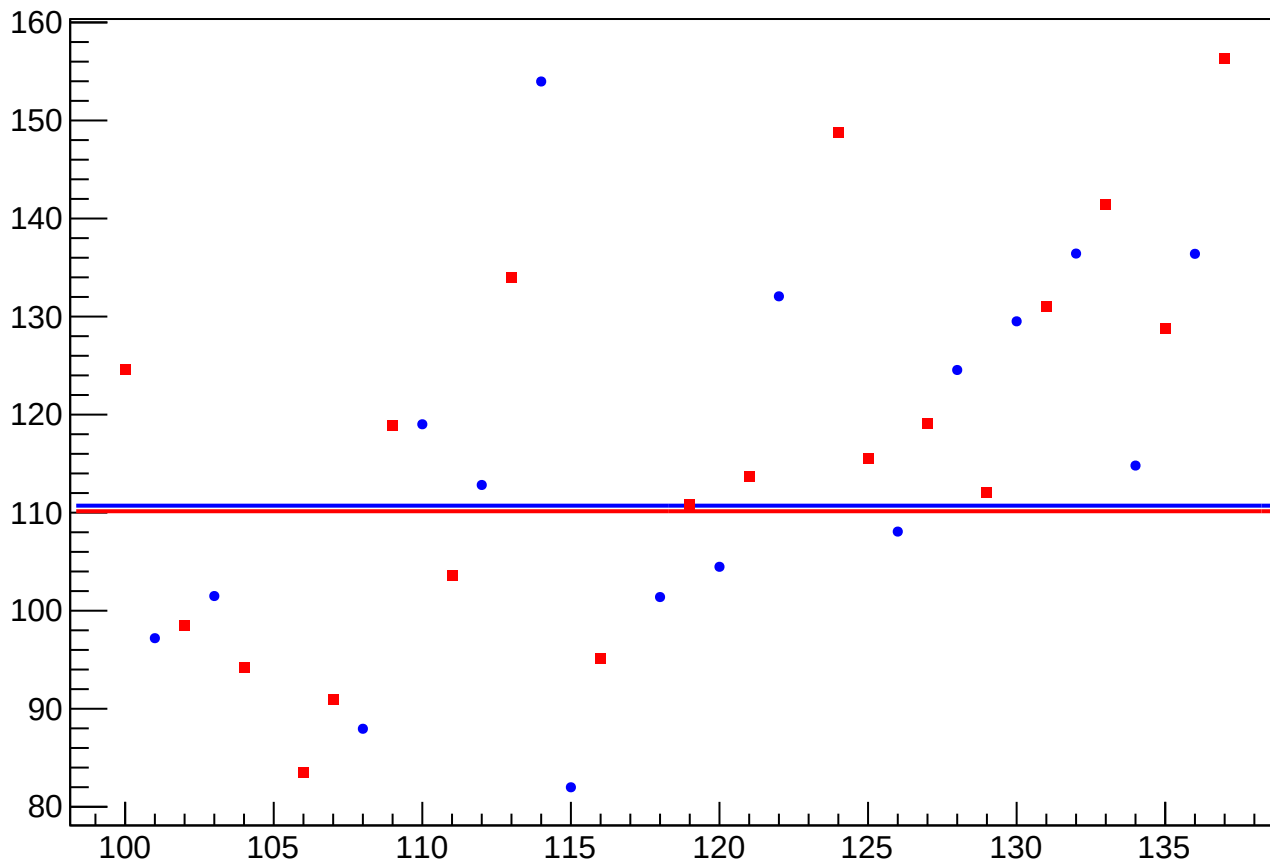
Right: 0.001+/-0.030 χ^2/NDF : 42.1/34

In: 0.014+/-0.042 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.030 χ^2/NDF : 42.1/34

asym_usr_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.714+/-0.030 χ^2/NDF : 299972.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.145+/-0.029 χ^2/NDF : 326726.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

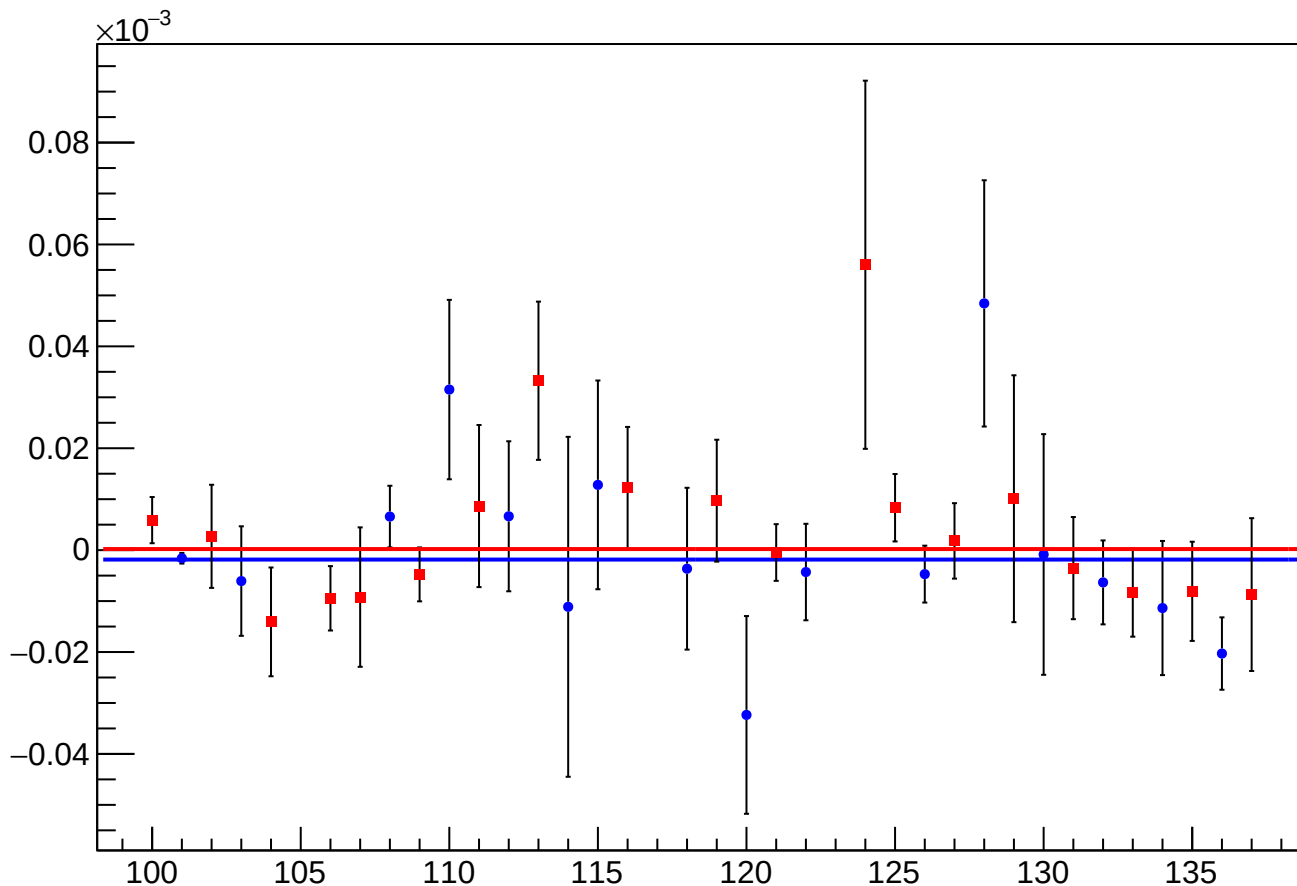
Right: 110.423+/-0.021 χ^2/NDF : 626885.1/34

In: 110.714+/-0.030 χ^2/NDF :299972.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.423+/-0.021 χ^2/NDF : 626885.1/34

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

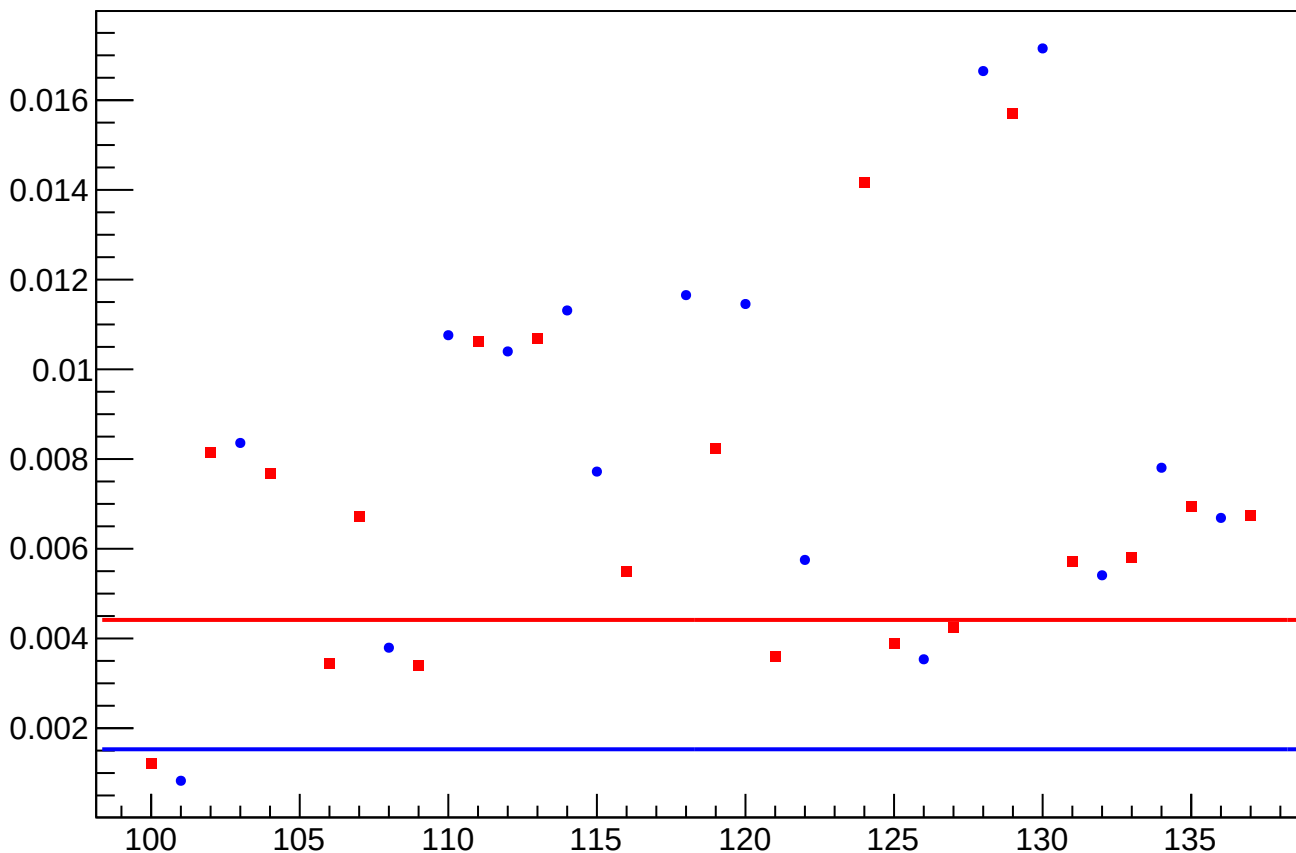
Right: -0.000+/-0.000 χ^2/NDF : 42.2/34

In: -0.000+/-0.000 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.2/34

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 9222940.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3388069.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 16183584.5/34

In: 0.002+/-0.000

χ^2/NDF : 9222940.9/15

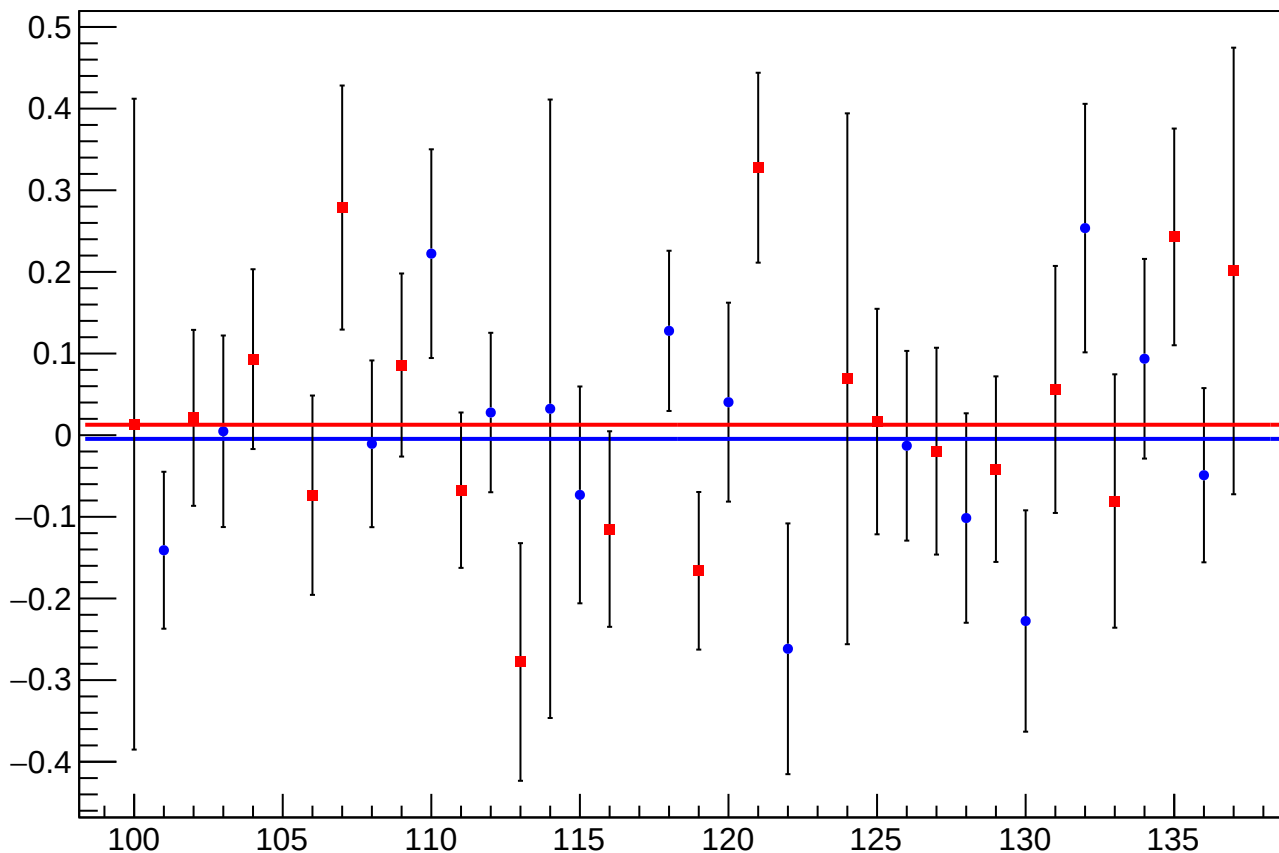
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 16183584.5/34

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.030 χ^2/NDF : 17.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.030 χ^2/NDF : 25.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

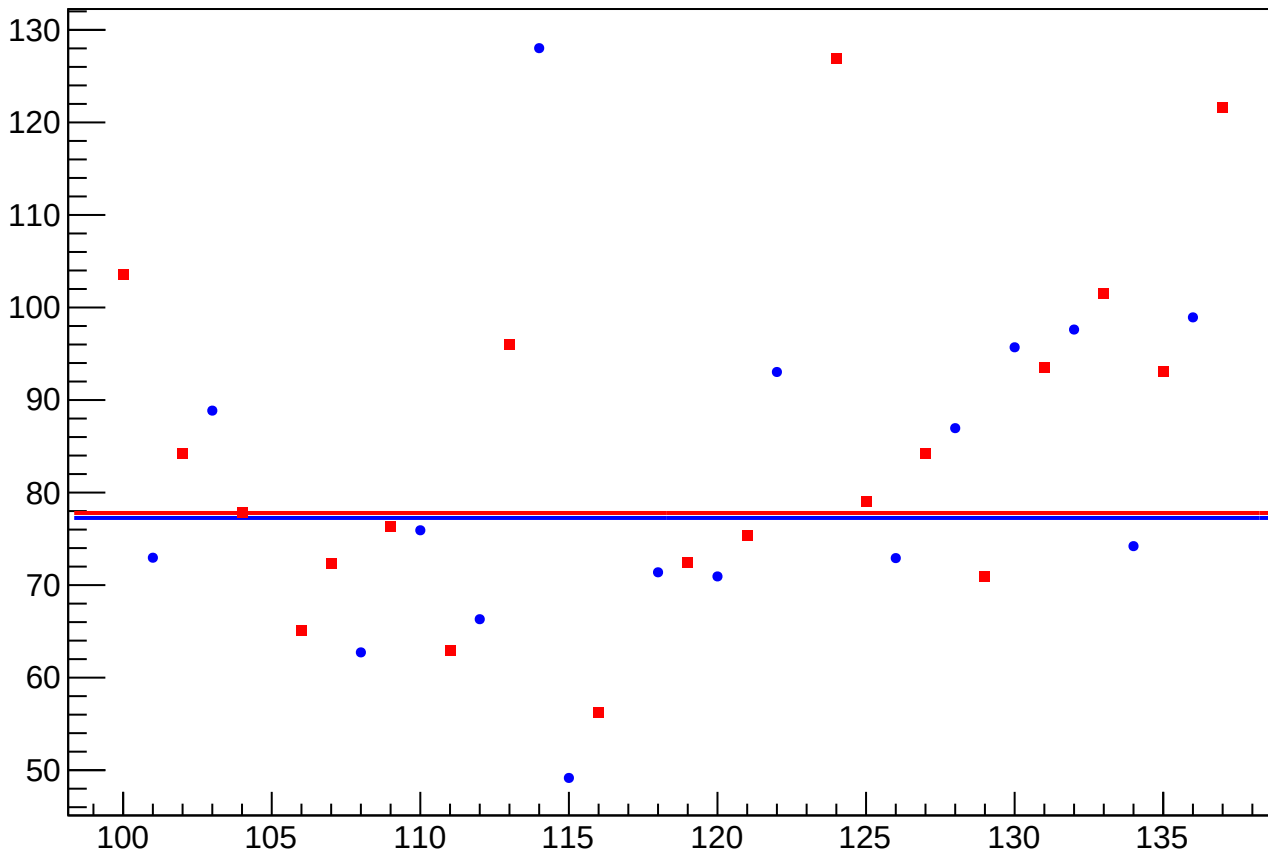
Right: 0.004 ± 0.021 χ^2/NDF : 42.9/34

In: -0.005 ± 0.030 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.021 χ^2/NDF : 42.9/34

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.257+/-0.021 χ^2/NDF : 419276.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 77.795+/-0.021 χ^2/NDF : 396473.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

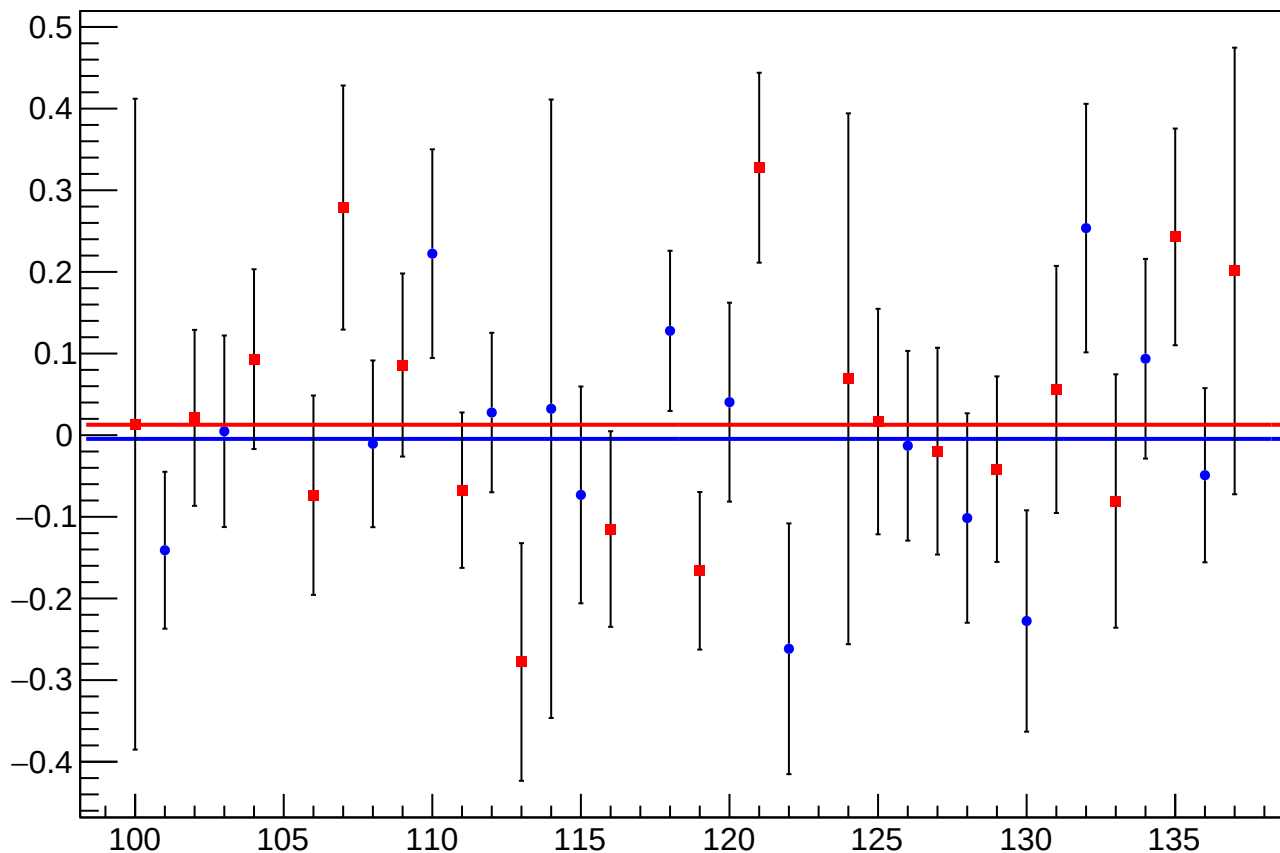
Right: 77.529+/-0.015 χ^2/NDF : 816074.1/34

In: 77.257+/-0.021 χ^2/NDF :419276.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 77.529+/-0.015 χ^2/NDF : 816074.1/34

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005+/-0.030 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.030 χ^2/NDF : 25.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

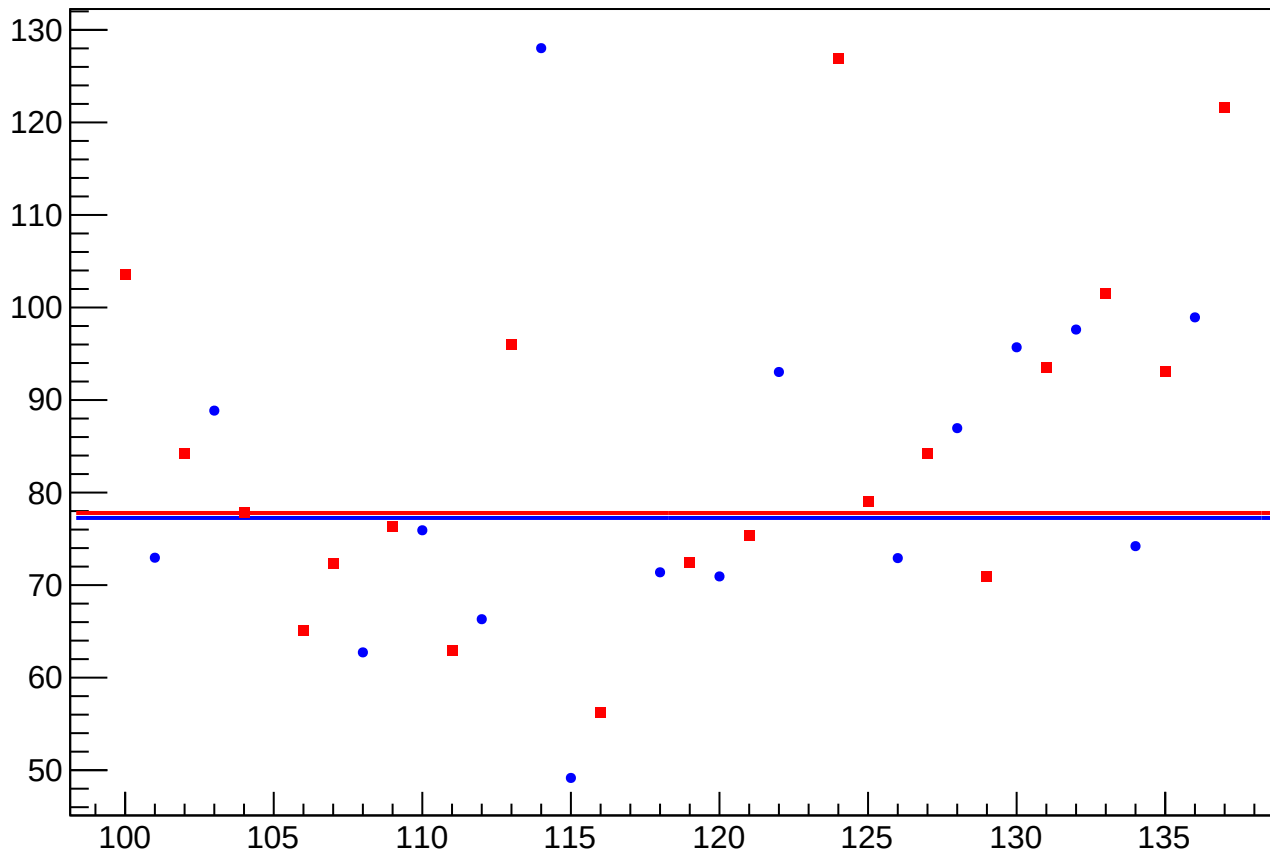
Right: 0.004+/-0.021 χ^2/NDF : 42.9/34

In: -0.005+/-0.030 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.021 χ^2/NDF : 42.9/34

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 77.257+/-0.021 χ^2/NDF : 419276.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.795+/-0.021 χ^2/NDF : 396473.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

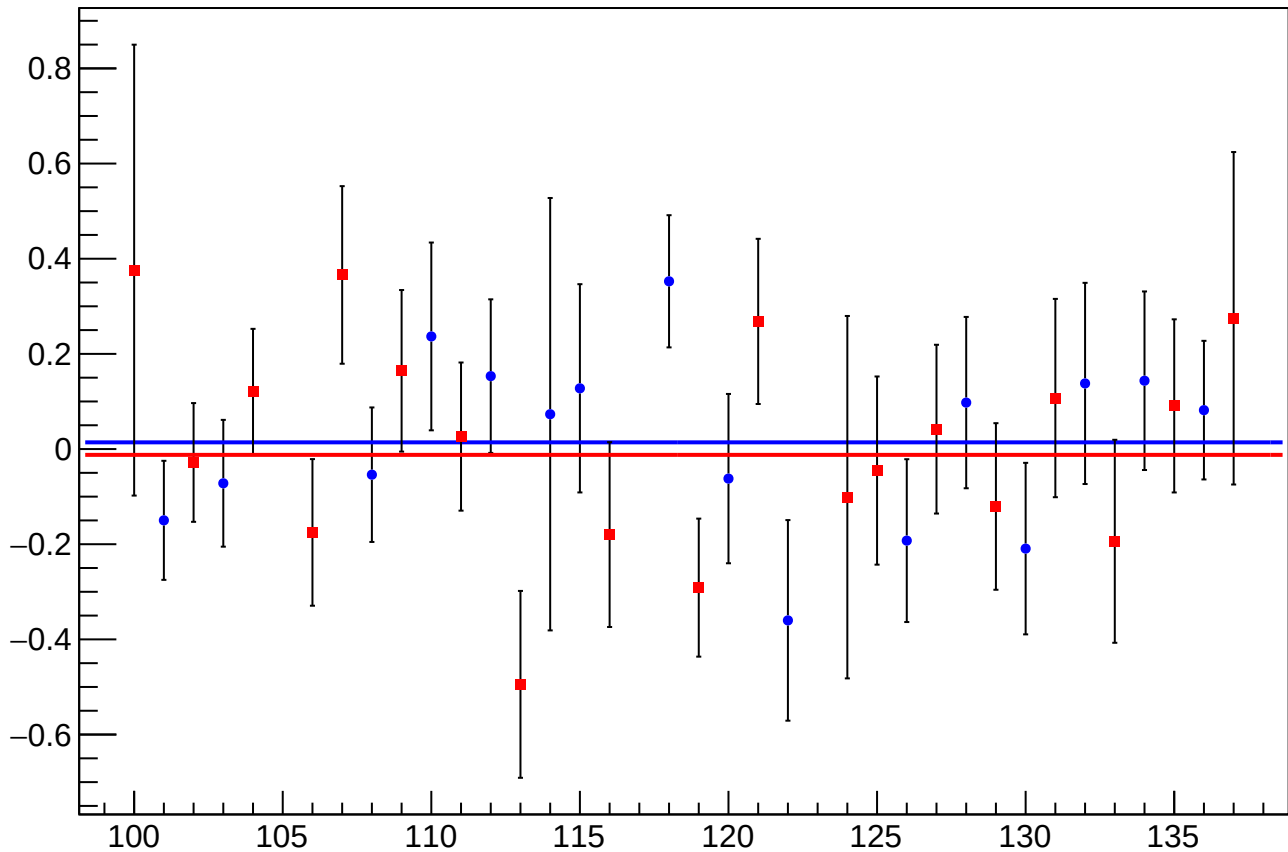
Right: 77.529+/-0.015 χ^2/NDF : 816074.1/34

In: 77.257+/-0.021 χ^2/NDF : 419276.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.529+/-0.015 χ^2/NDF : 816074.1/34

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.042 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.041 χ^2/NDF : 23.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

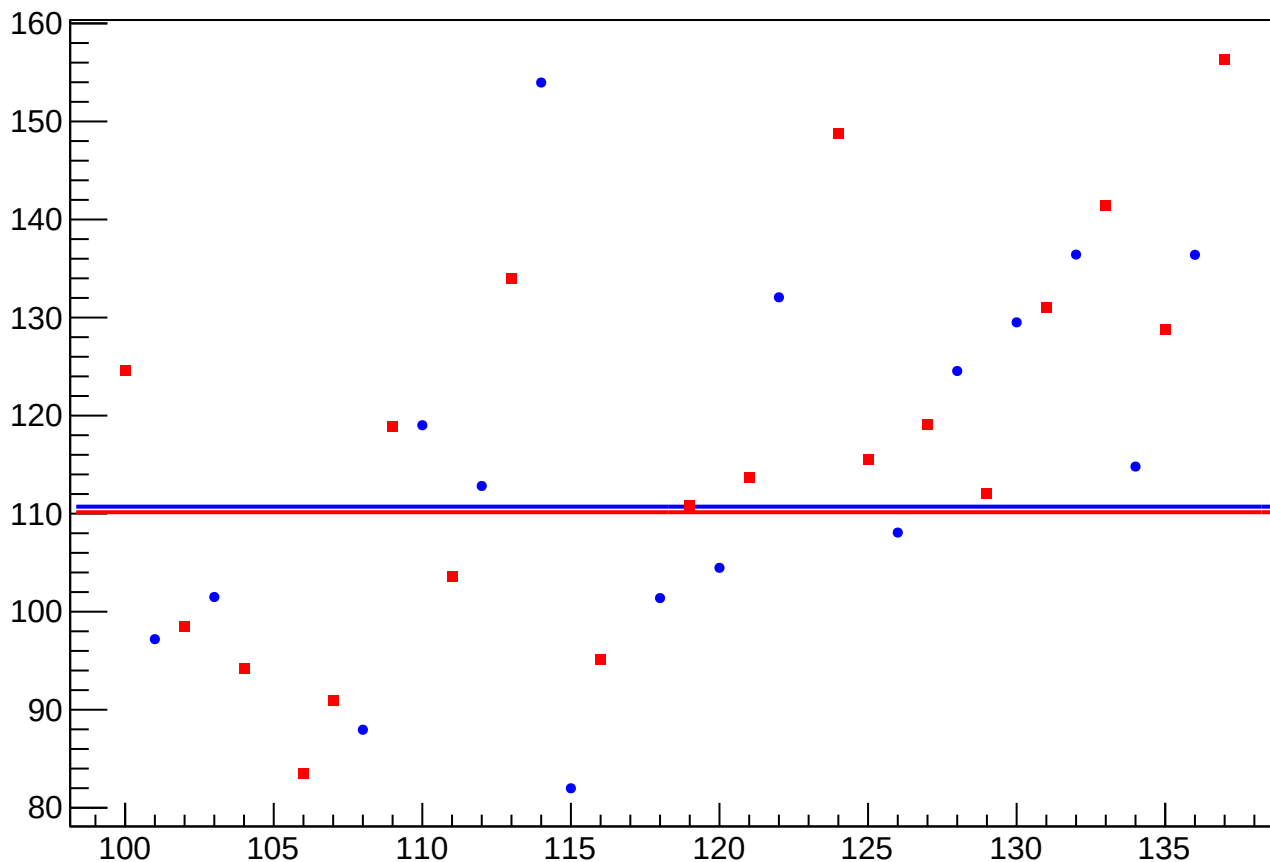
Right: 0.001+/-0.030 χ^2/NDF : 42.1/34

In: 0.014+/-0.042 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.030 χ^2/NDF : 42.1/34

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 110.714+/-0.030 χ^2/NDF : 299948.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 110.144+/-0.029 χ^2/NDF : 326696.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

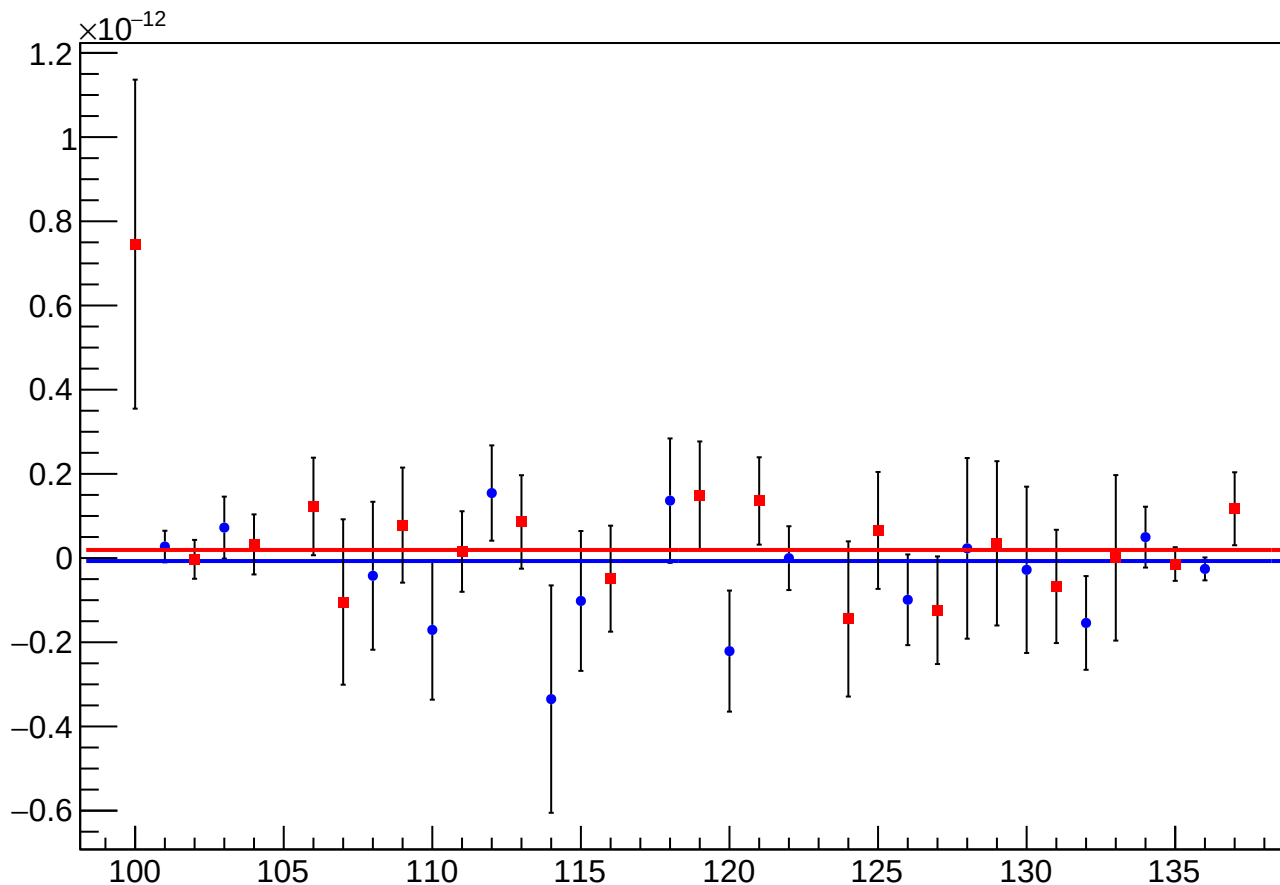
Right: 110.422+/-0.021 χ^2/NDF : 626830.6/34

In: 110.714+/-0.030 χ^2/NDF :299948.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.422+/-0.021 χ^2/NDF : 626830.6/34

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

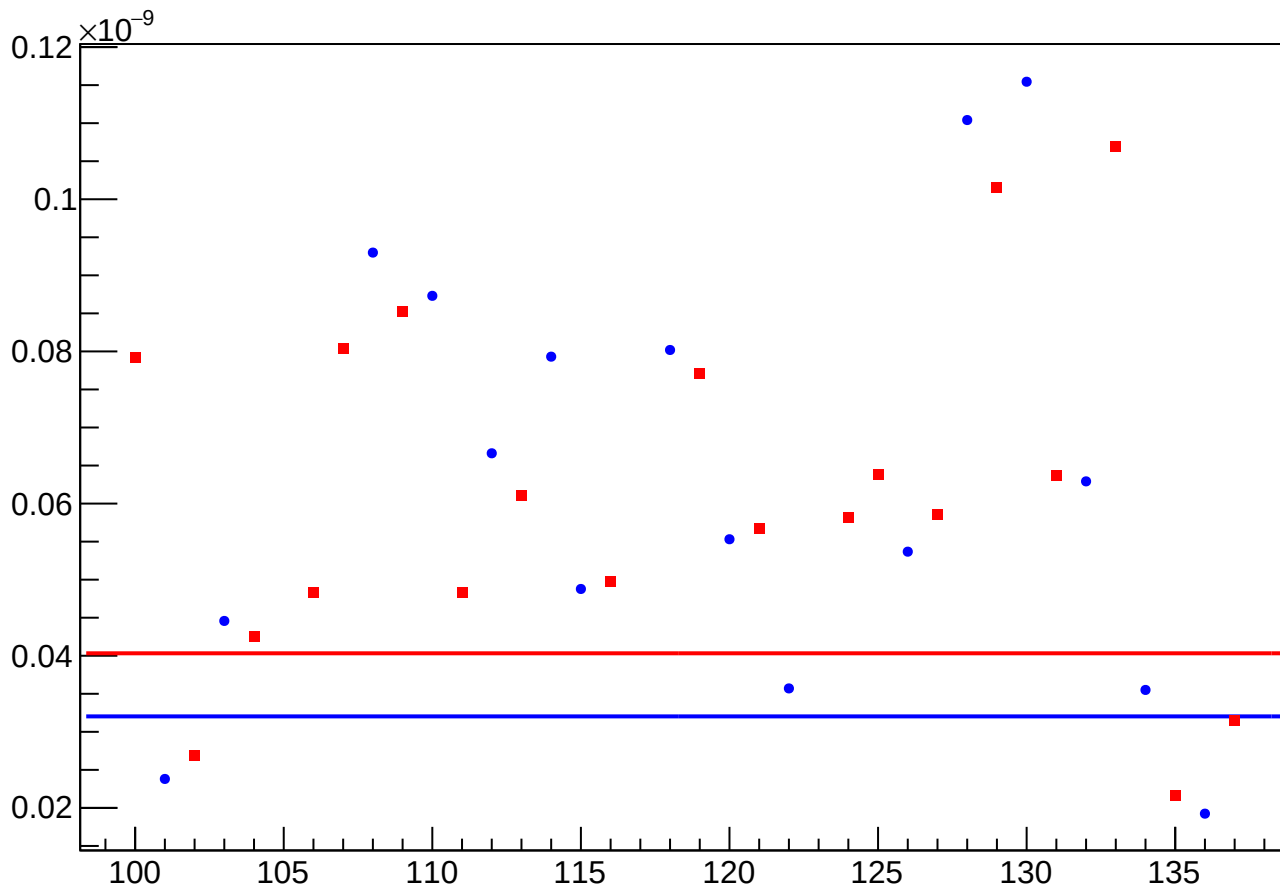
Right: 0.000+/-0.000 χ^2/NDF : 27.1/34

In: -0.000+/-0.000 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.1/34

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2459312.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1866332.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

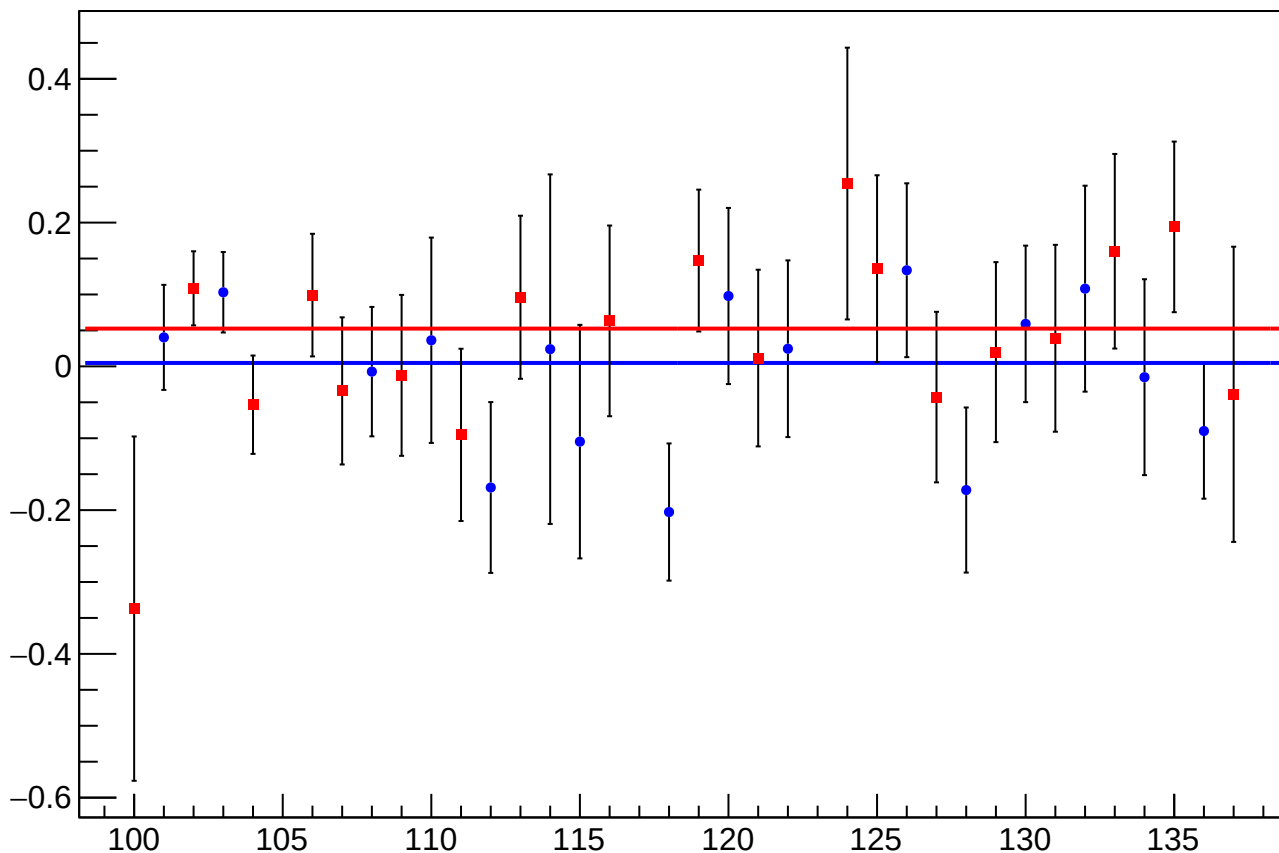
Right: 0.000+/-0.000 χ^2/NDF : 4504924.2/34

In: 0.000+/-0.000 χ^2/NDF : 2459312.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4504924.2/34

asym_usr_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.026 χ^2 /NDF: 16.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.024 χ^2 /NDF: 14.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

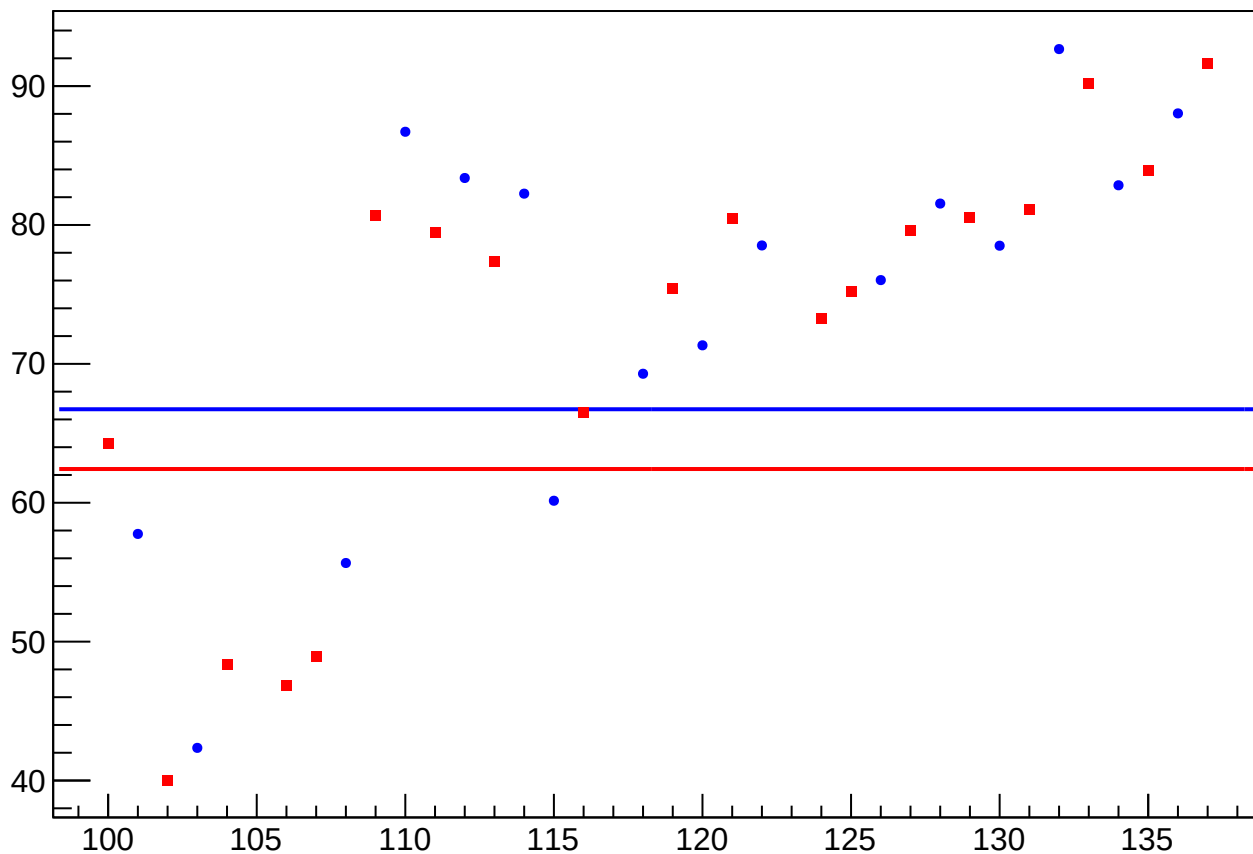
Right: 0.030 $\pm$ 0.018 χ^2 /NDF: 33.2/34

In: 0.005 $\pm$ 0.026 χ^2 /NDF:16.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.018 χ^2 /NDF: 33.2/34

asym_usr_overload_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.732+/-0.018 χ^2/NDF : 816752.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.429+/-0.017 χ^2/NDF : 1114078.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

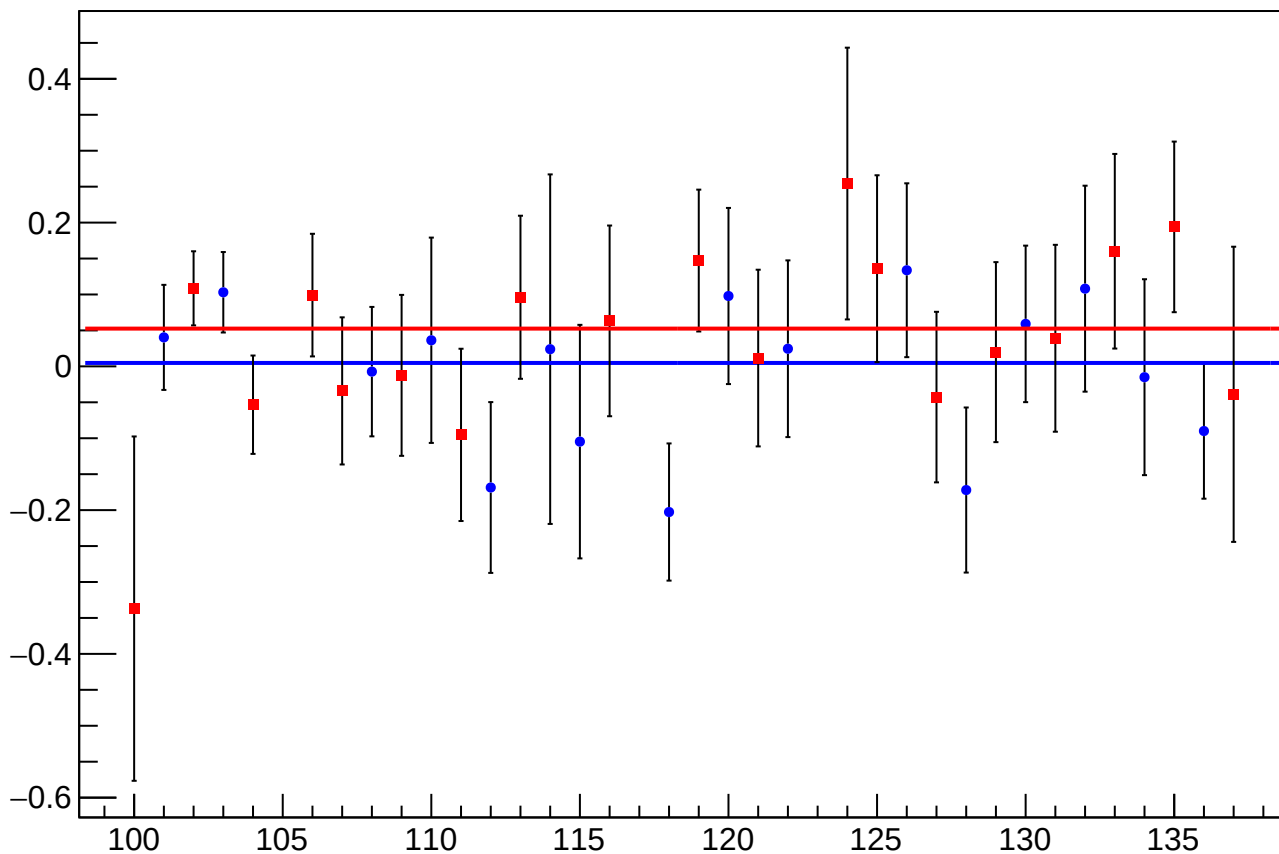
Right: 64.425+/-0.012 χ^2/NDF : 1960436.9/34

In: 66.732+/-0.018 χ^2/NDF : 816752.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.425+/-0.012 χ^2/NDF : 1960436.9/34

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.026 χ^2 /NDF: 16.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.024 χ^2 /NDF: 14.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

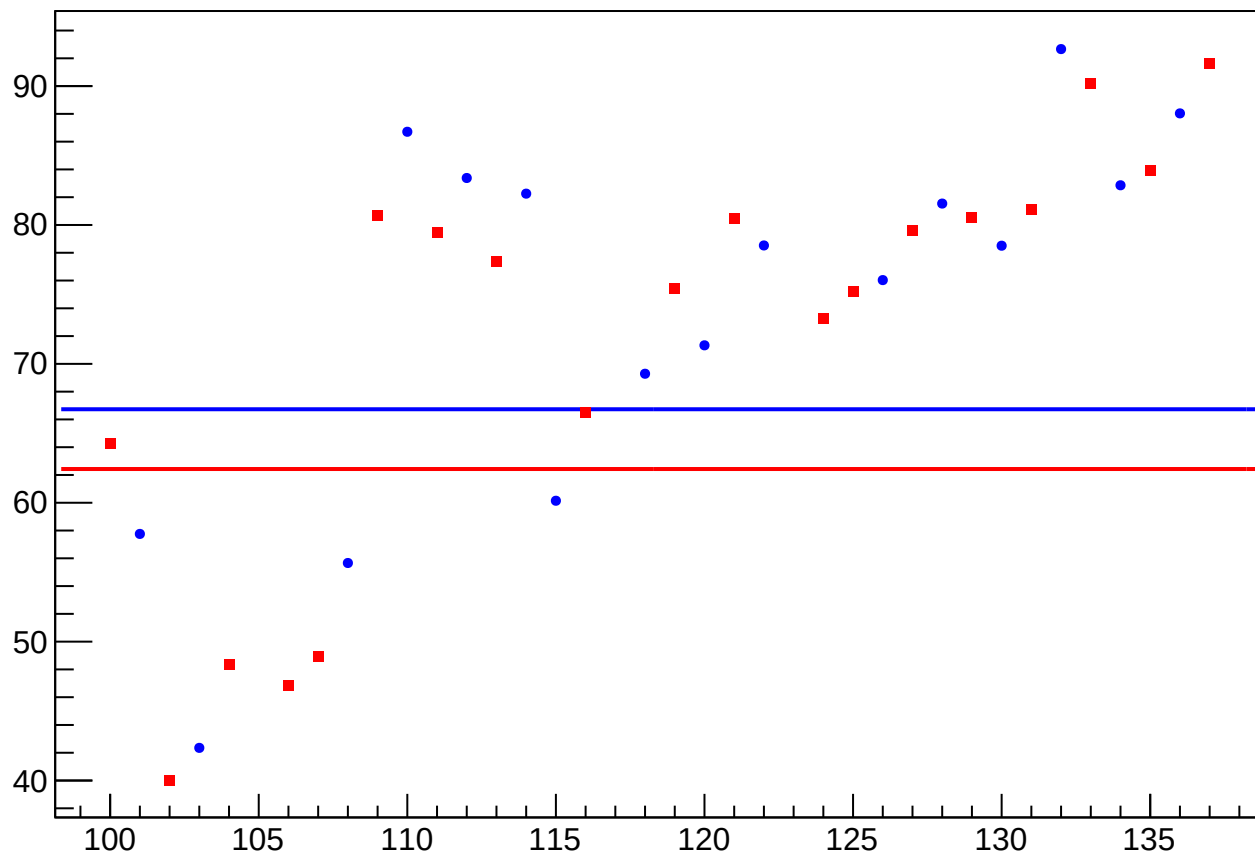
Right: 0.030 $\pm$ 0.018 χ^2 /NDF: 33.2/34

In: 0.005 $\pm$ 0.026 χ^2 /NDF:16.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.030 $\pm$ 0.018 χ^2 /NDF: 33.2/34

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 66.732+/-0.018 χ^2/NDF : 816752.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.429+/-0.017 χ^2/NDF : 1114078.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

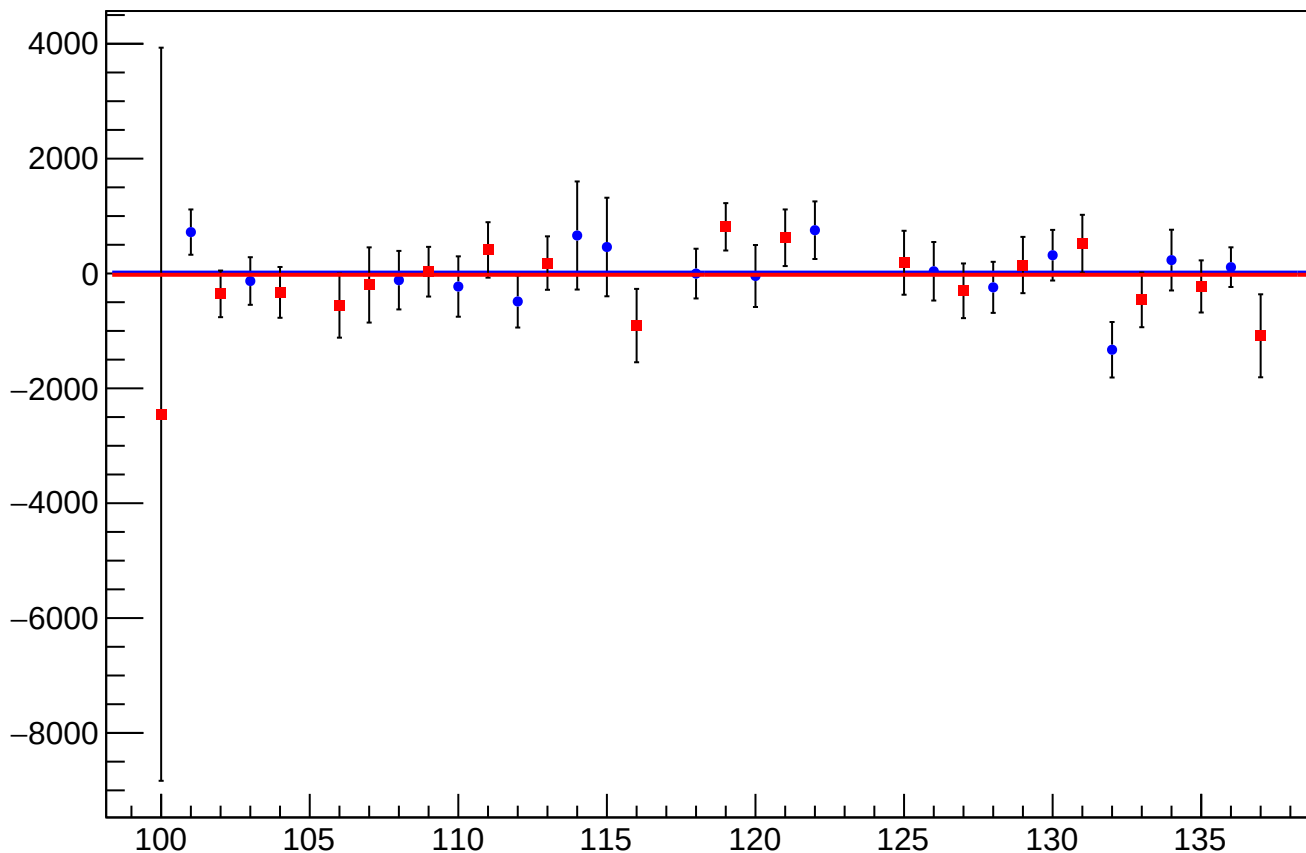
Right: 64.425+/-0.012 χ^2/NDF : 1960436.9/34

In: 66.732+/-0.018 χ^2/NDF : 816752.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.425+/-0.012 χ^2/NDF : 1960436.9/34

asym_dsl_mean vs Slug, Sign Corrected



Right In: 15.517+/-119.431 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.145+/-119.211 χ^2/NDF : 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

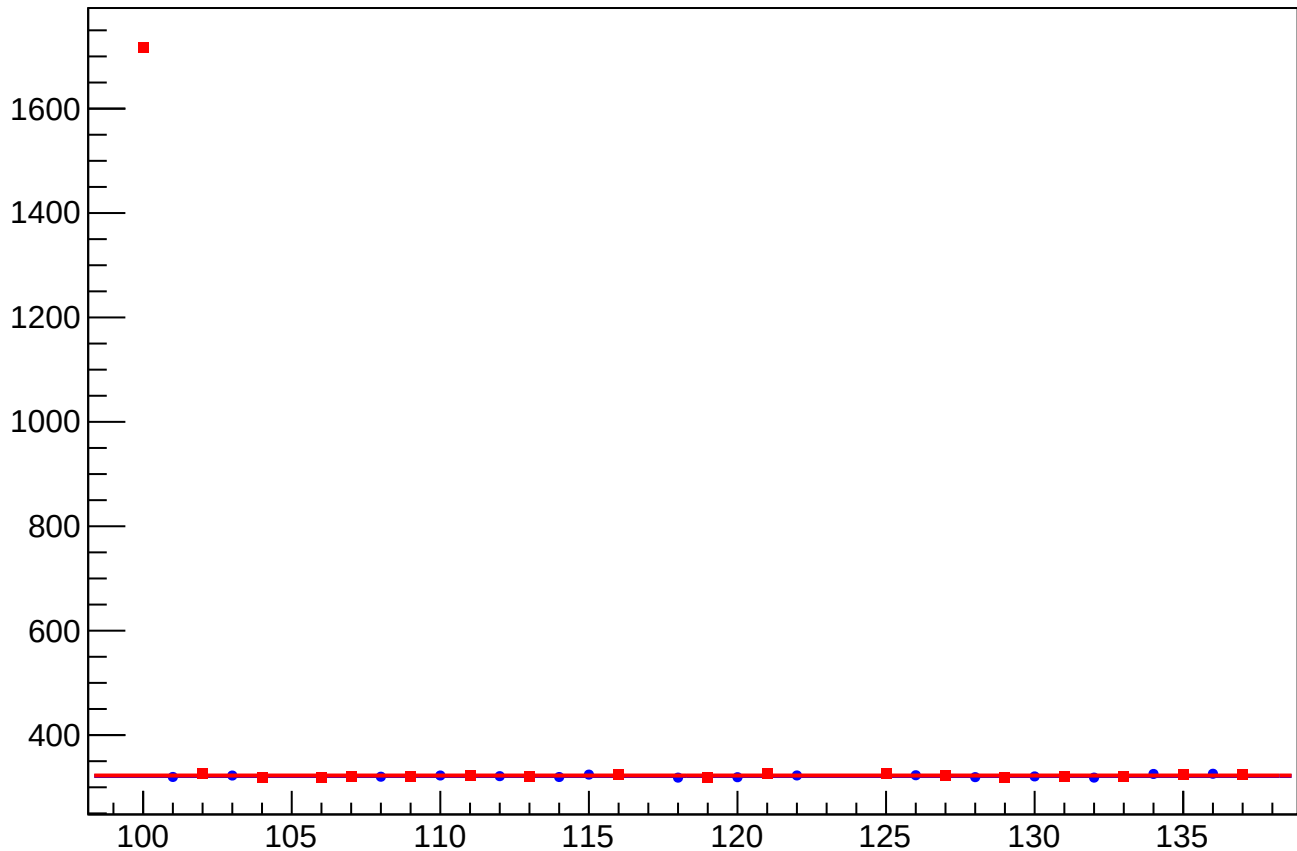
Right: -3.348+/-84.373 χ^2/NDF : 32.6/33

In: 15.517+/-119.431 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.348+/-84.373 χ^2/NDF : 32.6/33

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.604+/-0.084 χ^2/NDF : 822.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.553+/-0.084 χ^2/NDF : 96891.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

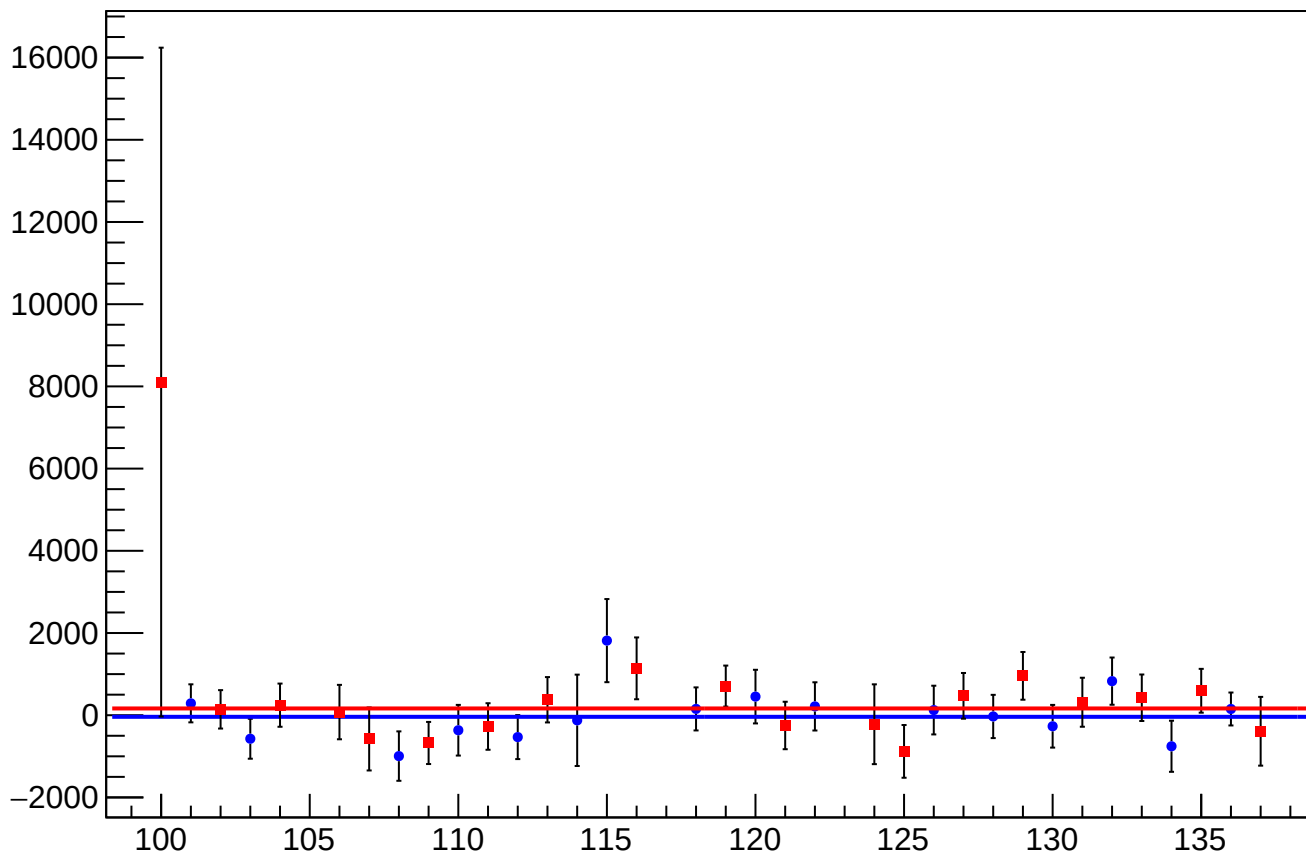
Right: 322.079+/-0.060 χ^2/NDF : 97778.0/33

In: 321.604+/-0.084 χ^2/NDF : 822.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.079+/-0.060 χ^2/NDF : 97778.0/33

asym_dsr_mean vs Slug, Sign Corrected



Right In: -38.914+/-140.720 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.639+/-138.962 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

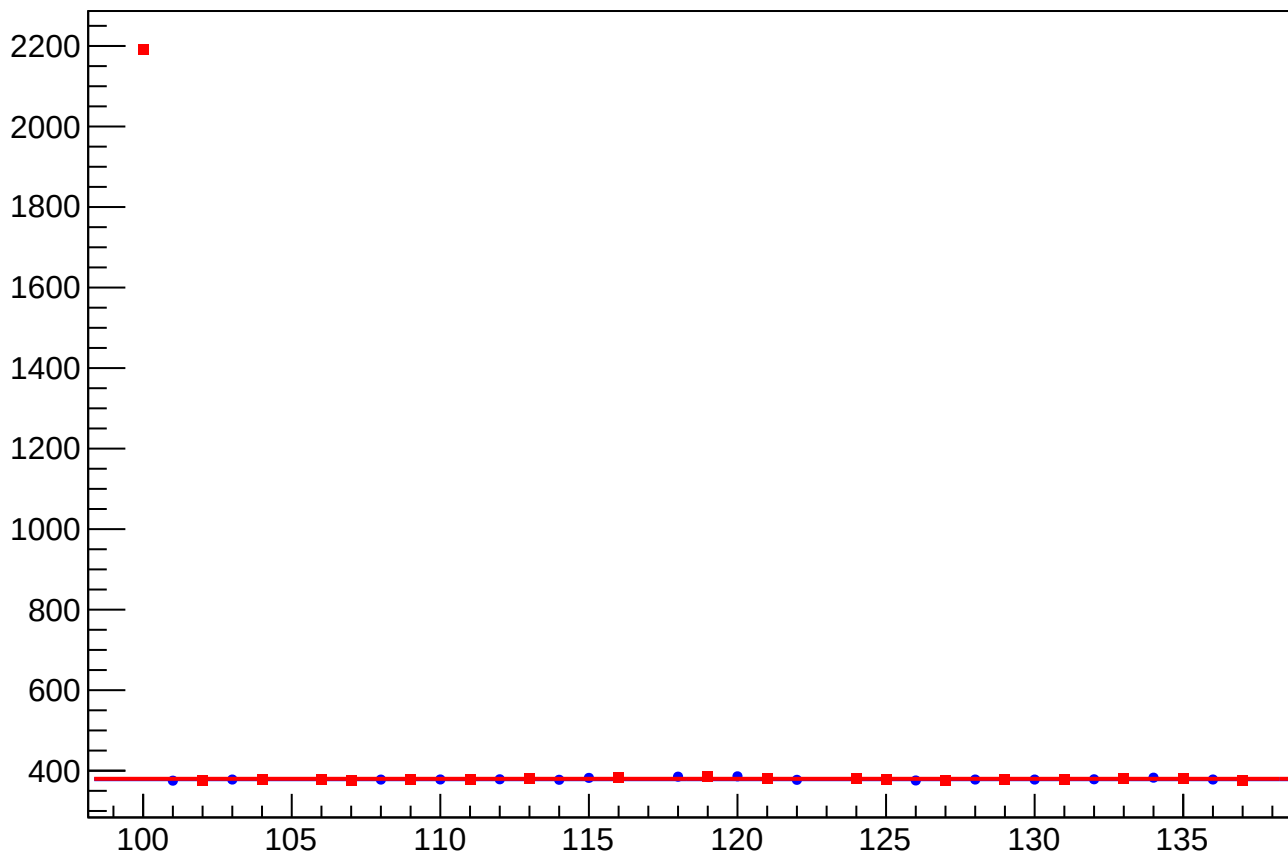
Right: 64.141+/-98.877 χ^2/NDF : 29.9/34

In: -38.914+/-140.720 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.141+/-98.877 χ^2/NDF : 29.9/34

asym_dsr_rms vs Slug, Sign Corrected



Right In: 378.910+/-0.100 χ^2/NDF : 851.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.878+/-0.098 χ^2/NDF : 99621.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

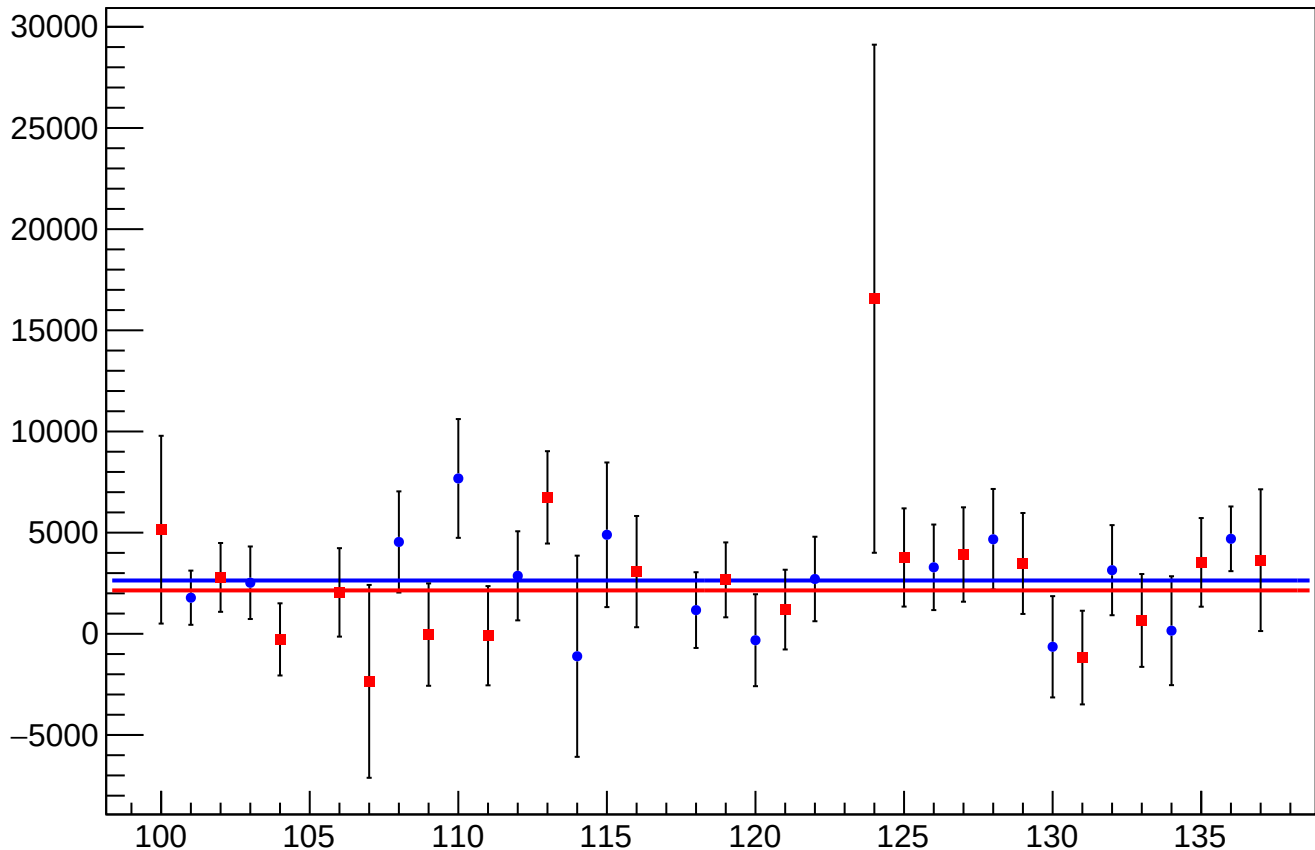
Right: 379.400+/-0.070 χ^2/NDF : 100520.6/34

In: 378.910+/-0.100 χ^2/NDF : 851.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.400+/-0.070 χ^2/NDF : 100520.6/34

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2635.397+/-538.034 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2144.569+/-546.963 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

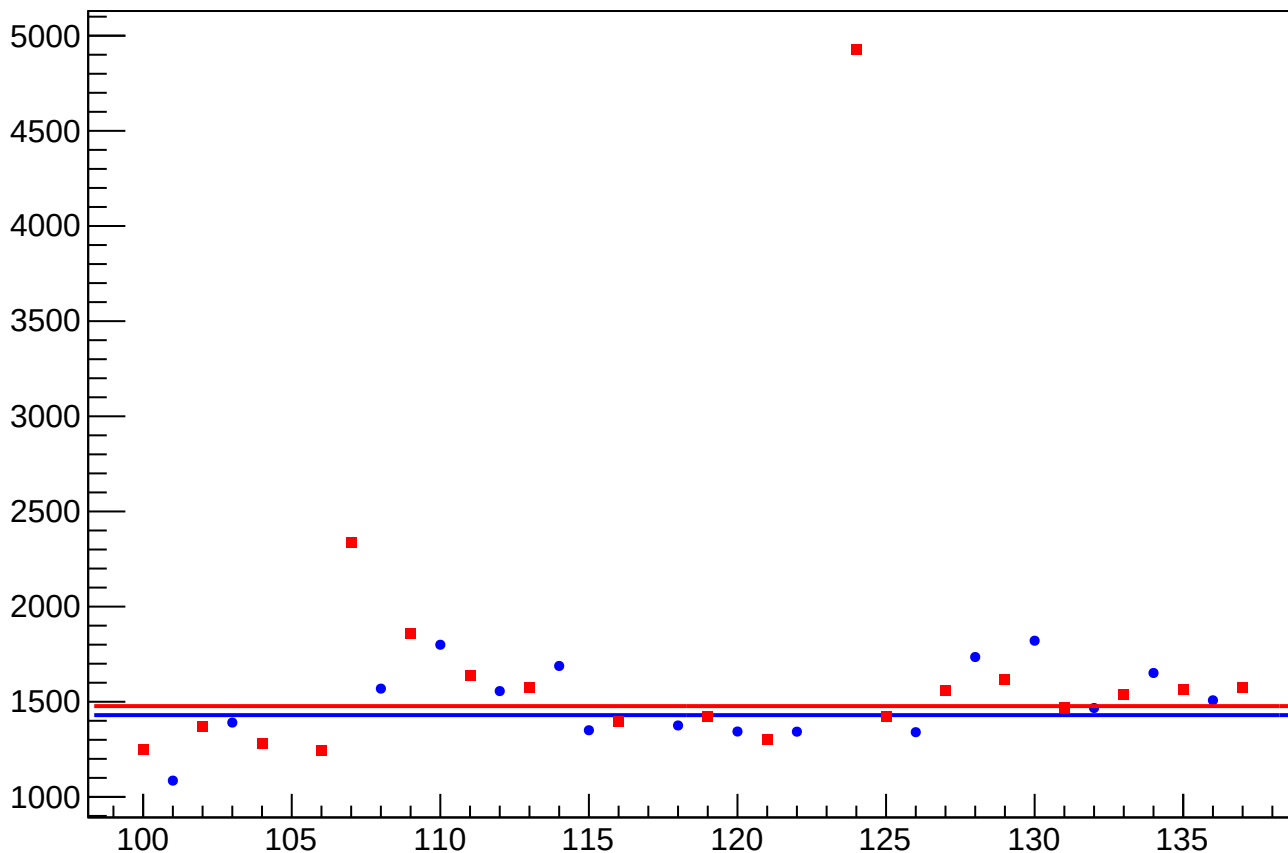
Right: 2394.022+/-383.566 χ^2/NDF : 27.7/34

In: 2635.397+/-538.034 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2394.022+/-383.566 χ^2/NDF : 27.7/34

asym_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 1429.654+/-0.380 χ^2/NDF : 293388.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1477.126+/-0.387 χ^2/NDF : 369430.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

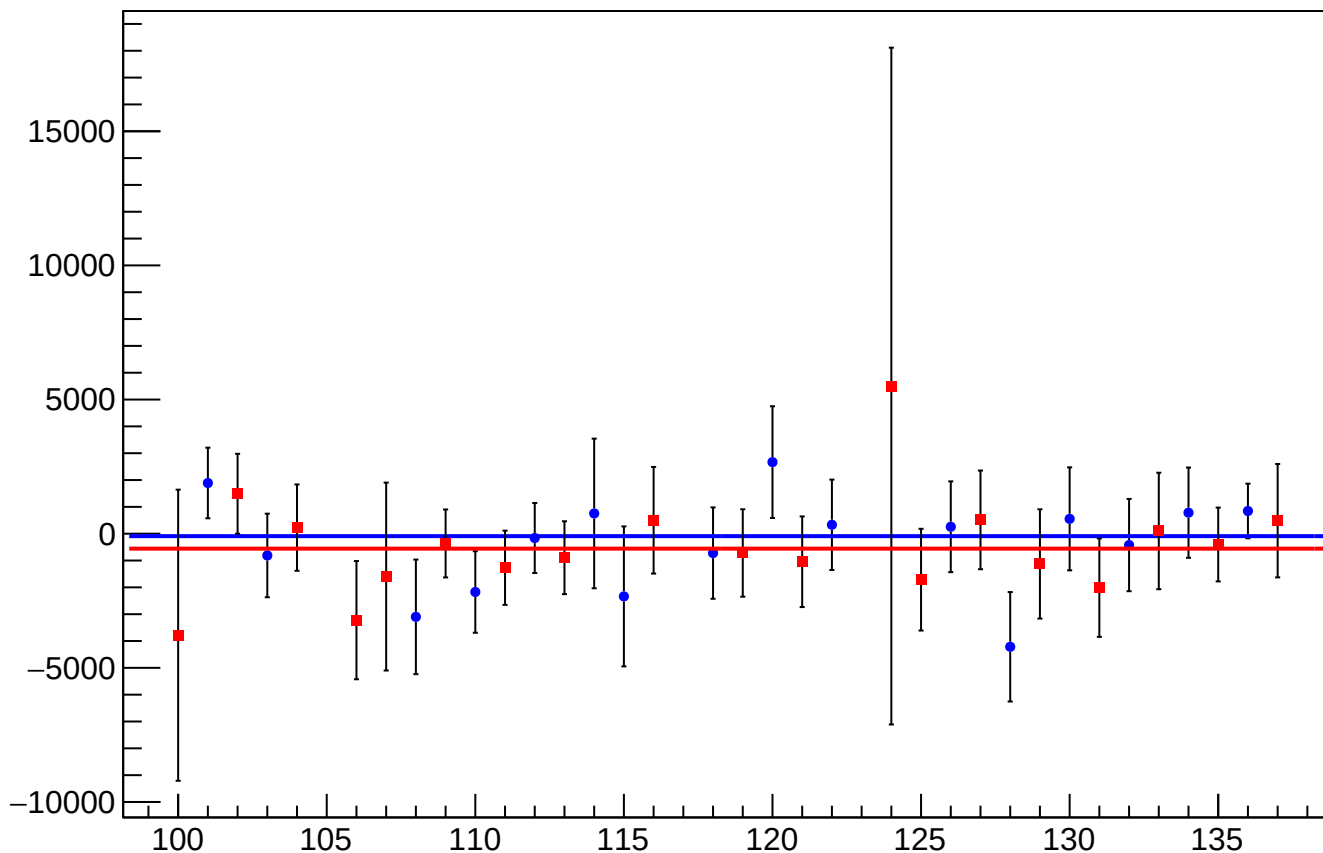
Right: 1452.999+/-0.271 χ^2/NDF : 670475.8/34

In: 1429.654+/-0.380 χ^2/NDF : 293388.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1452.999+/-0.271 χ^2/NDF : 670475.8/34

asym_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -91.305 ± 409.957 χ^2/NDF : 14.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -556.840 ± 411.346 χ^2/NDF : 6.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

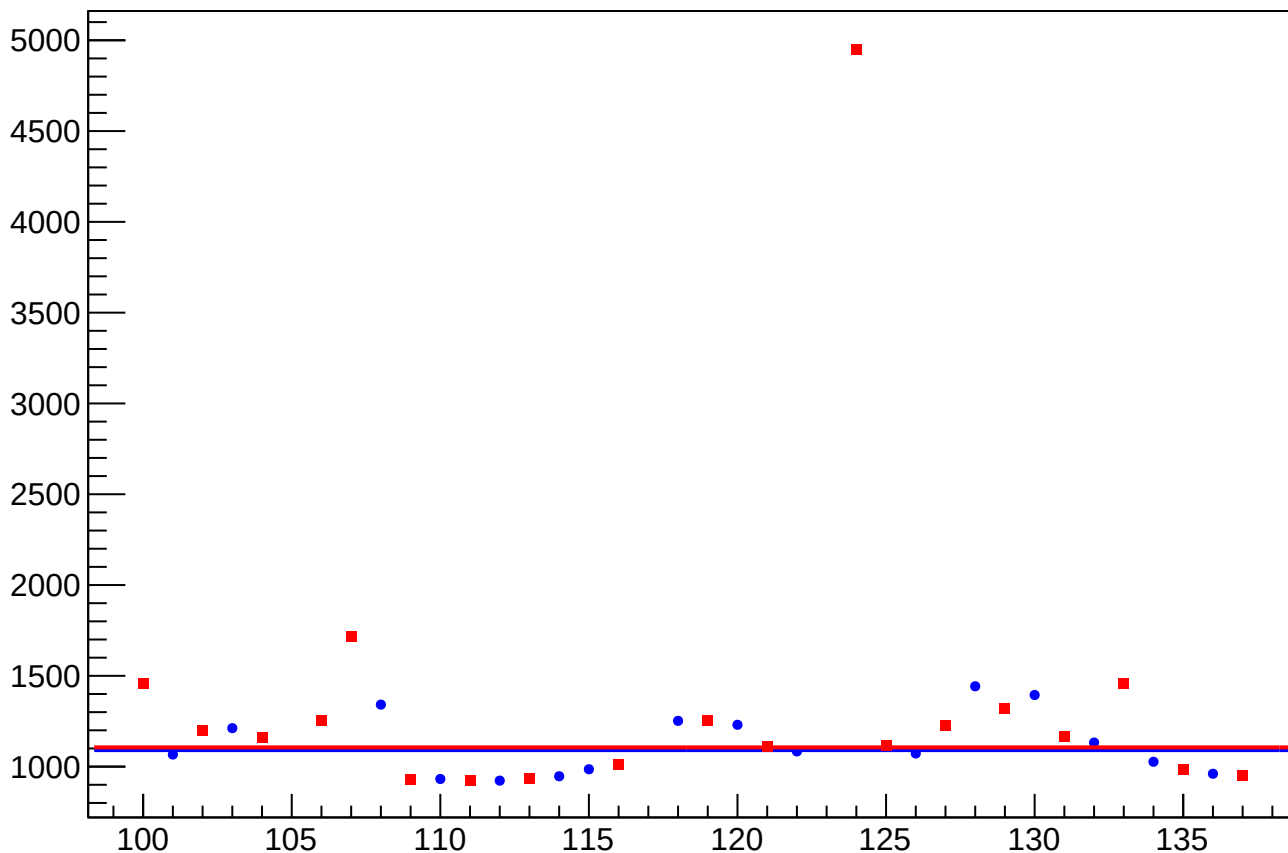
Right: -323.285 ± 290.373 χ^2/NDF : 21.9/34

In: -91.305 ± 409.957 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -323.285 ± 290.373 χ^2/NDF : 21.9/34

asym_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 1091.041+/-0.290 χ^2/NDF : 277304.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1106.046+/-0.291 χ^2/NDF : 514097.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

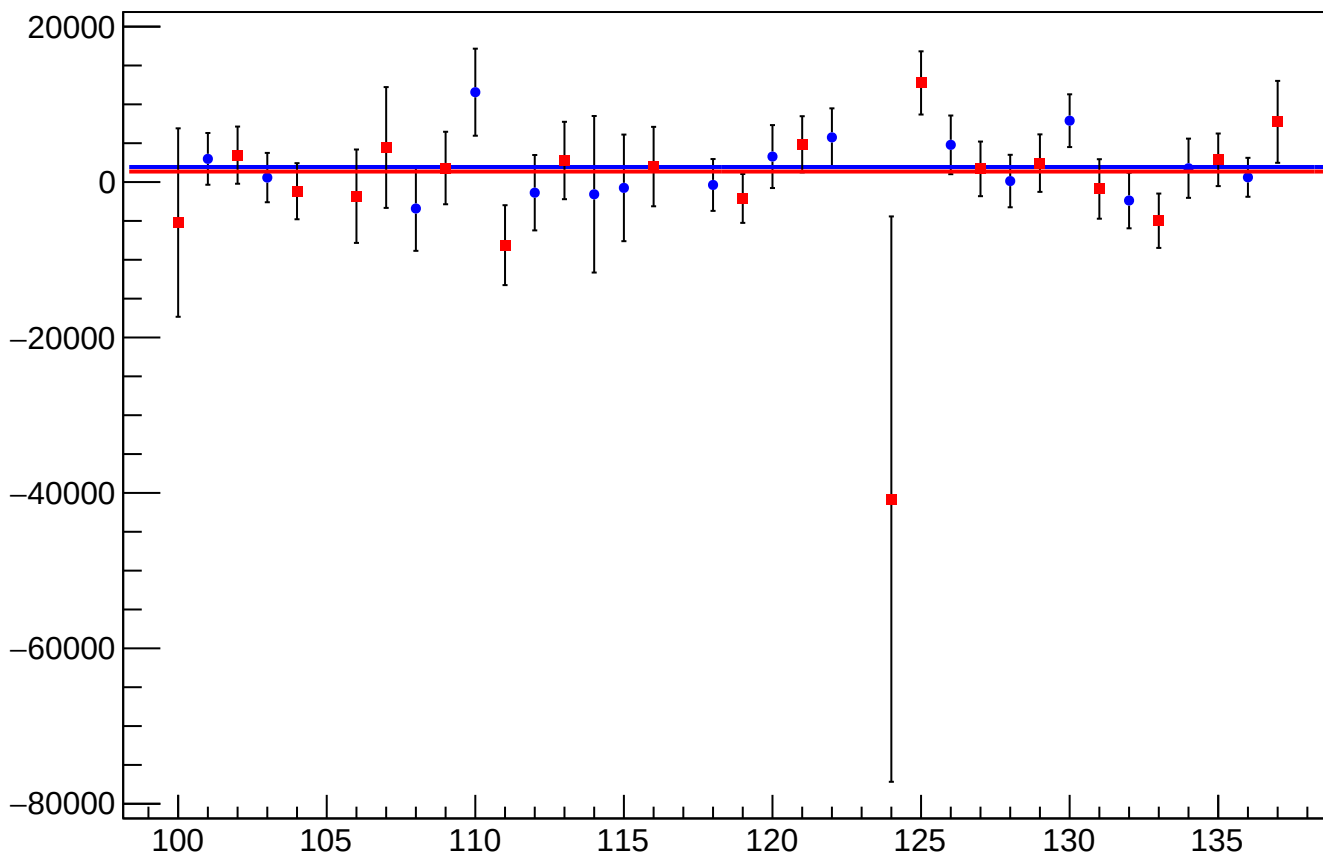
Right: 1098.518+/-0.205 χ^2/NDF : 792737.9/34

In: 1091.041+/-0.290 χ^2/NDF : 277304.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1098.518+/-0.205 χ^2/NDF : 792737.9/34

reg_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1939.656+/-952.537 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.428+/-985.119 χ^2/NDF : 21.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

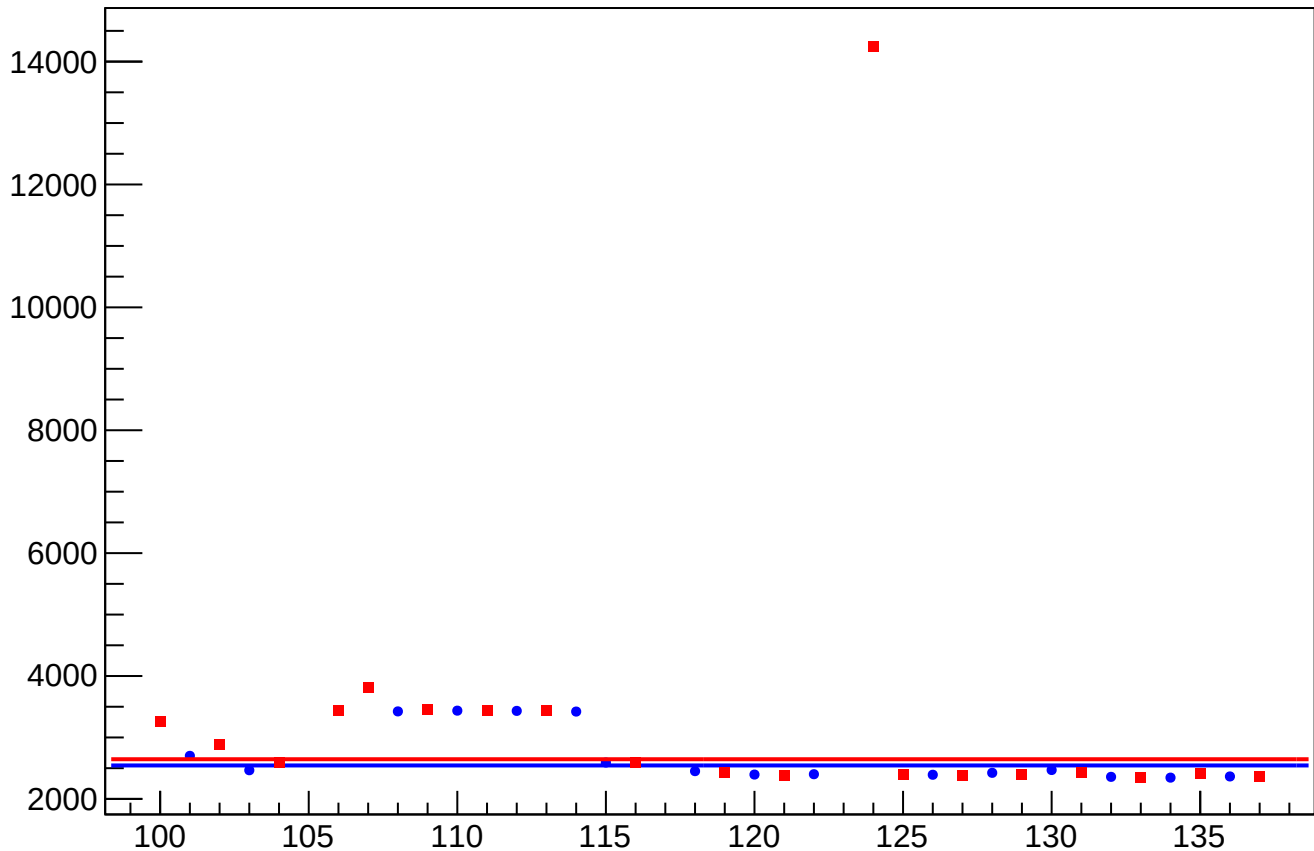
Right: 1656.397+/-684.775 χ^2/NDF : 34.2/34

In: 1939.656+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1656.397+/-684.775 χ^2/NDF : 34.2/34

reg_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2645.647+/-0.697 χ^2/NDF : 536965.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

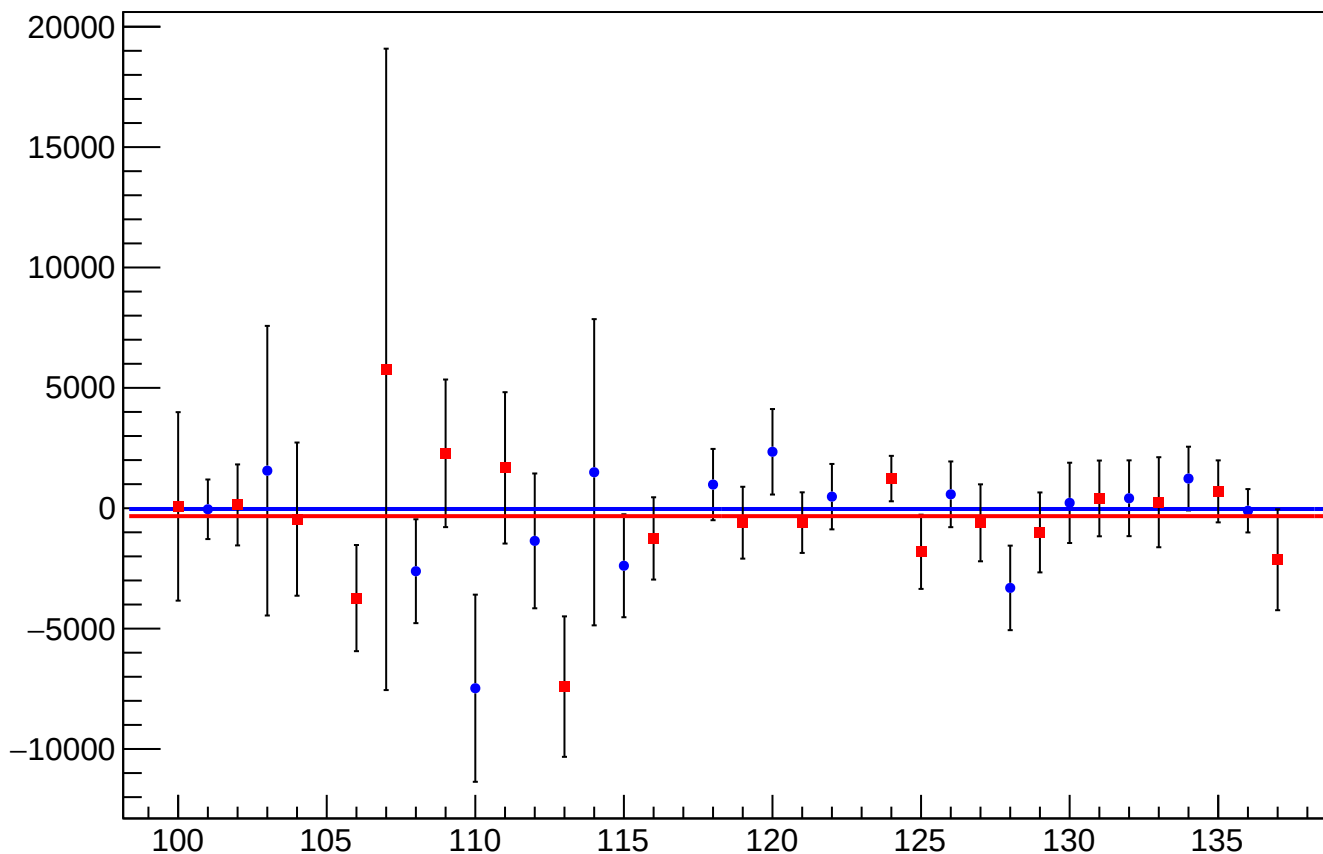
Right: 2593.330+/-0.484 χ^2/NDF : 773493.8/34

In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2593.330+/-0.484 χ^2/NDF : 773493.8/34

asym_atl1_reg_correction_mean vs Slug, Sign Corrected



Right In: -31.191 ± 405.726 χ^2/NDF : 13.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -328.475 ± 398.568 χ^2/NDF : 15.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

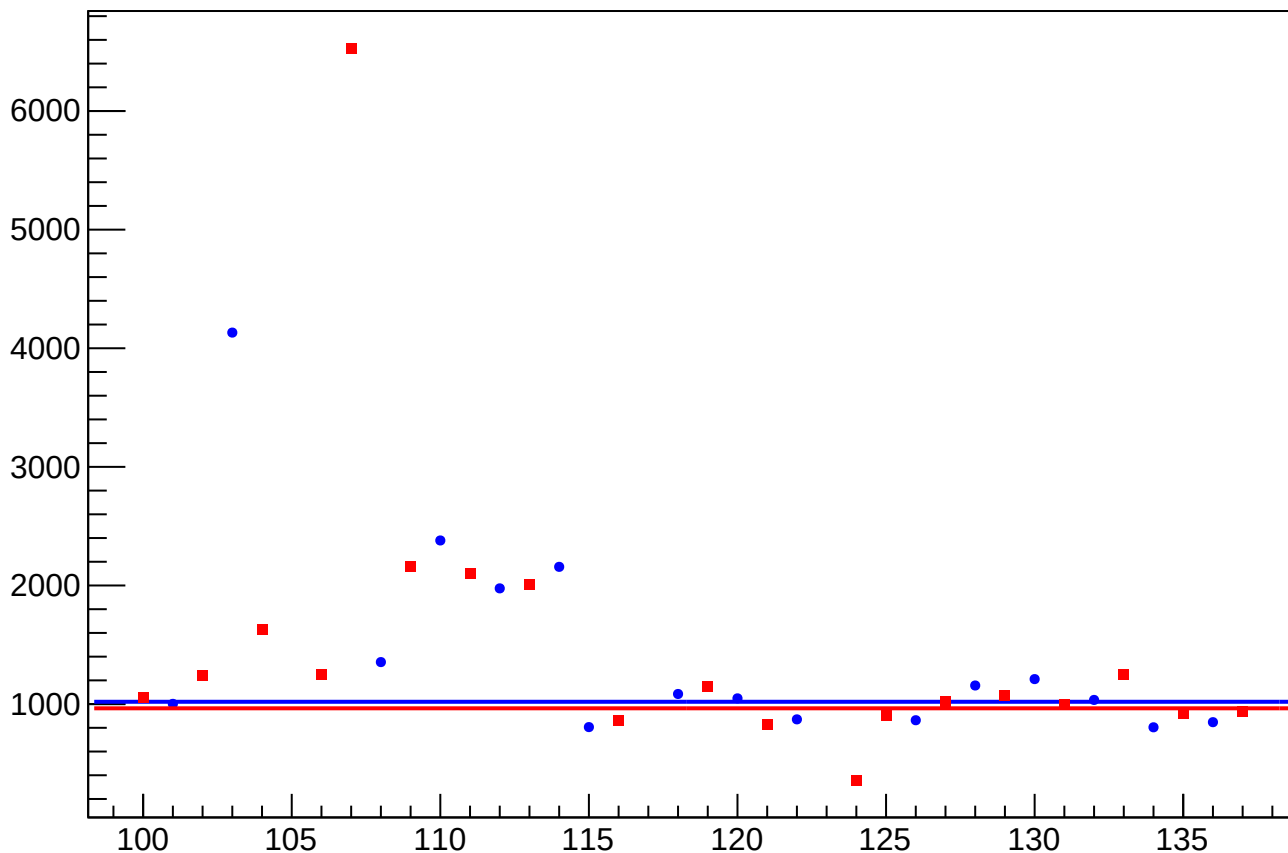
Right: -182.479 ± 284.327 χ^2/NDF : 29.7/34

In: -31.191 ± 405.726 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -182.479 ± 284.327 χ^2/NDF : 29.7/34

asym_atl1_reg_correction_rms vs Slug, Sign Corrected



Right In: 1019.523+/-0.287 χ^2/NDF : 1364745.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.379+/-0.282 χ^2/NDF : 2309359.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

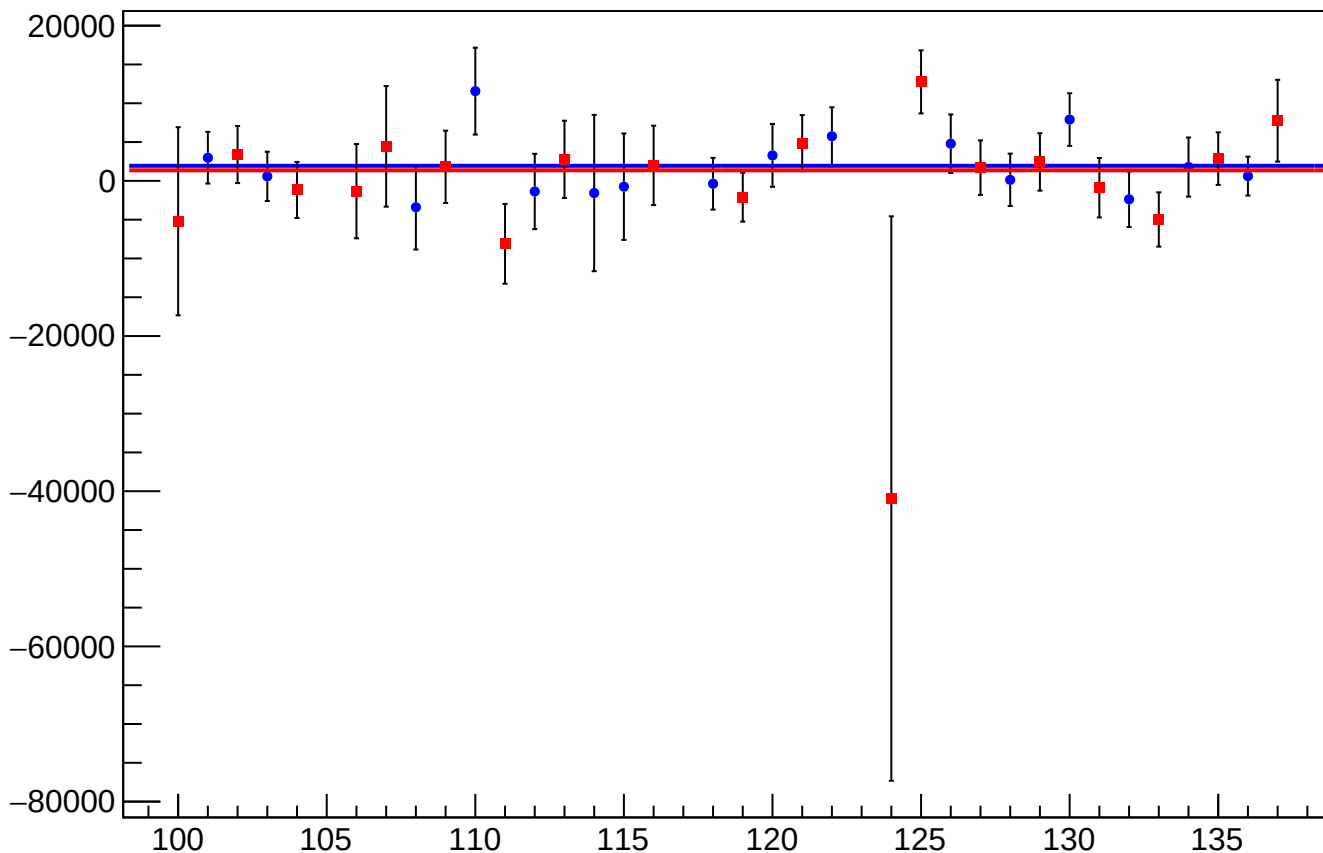
Right: 991.460+/-0.201 χ^2/NDF : 3692906.6/34

In: 1019.523+/-0.287 χ^2/NDF : 1364745.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 991.460+/-0.201 χ^2/NDF : 3692906.6/34

cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.089+/-985.420 χ^2/NDF : 21.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

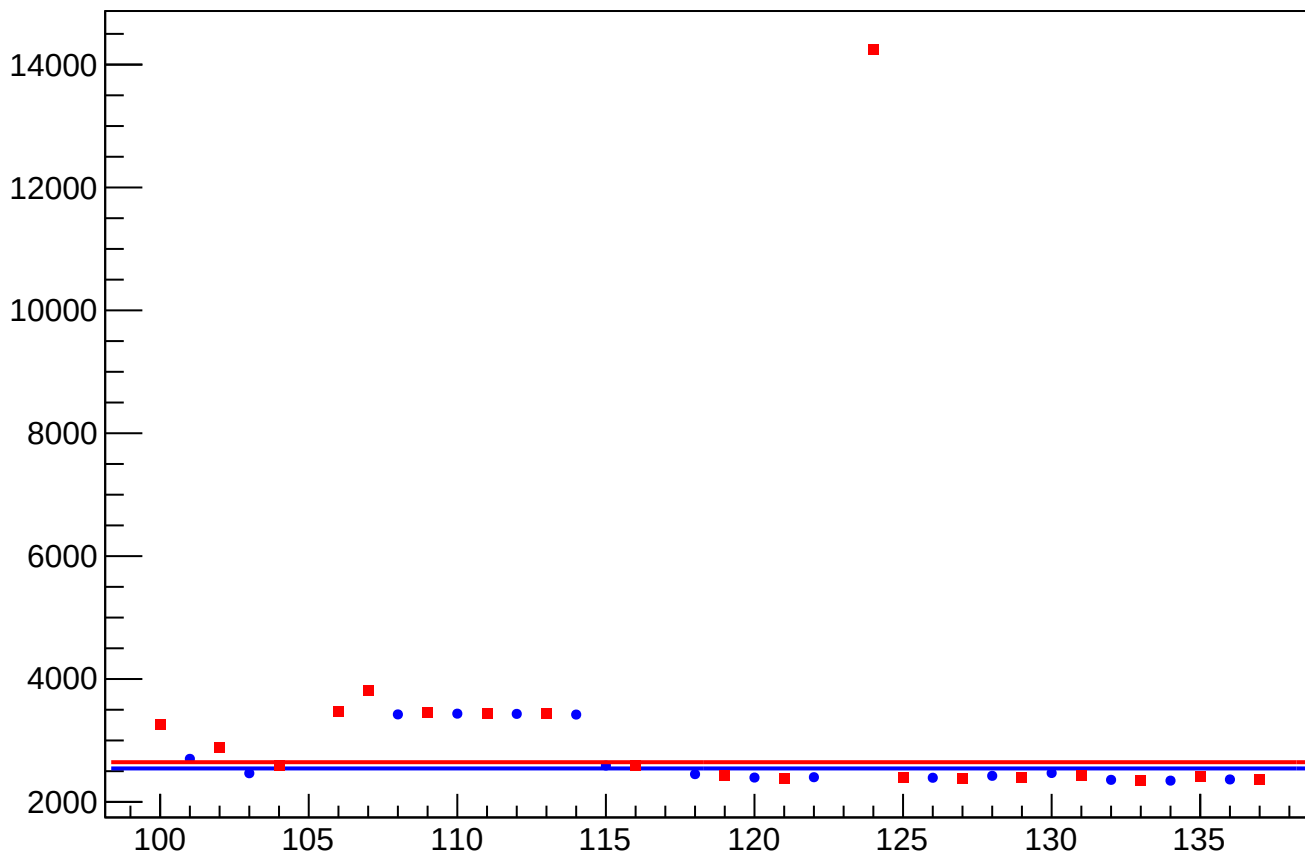
Right: 1661.333+/-684.876 χ^2/NDF : 34.1/34

In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.333+/-684.876 χ^2/NDF : 34.1/34

cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2544.416 $\pm$ 0.674 χ^2/NDF : 225614.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2646.203 $\pm$ 0.697 χ^2/NDF : 539546.8/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

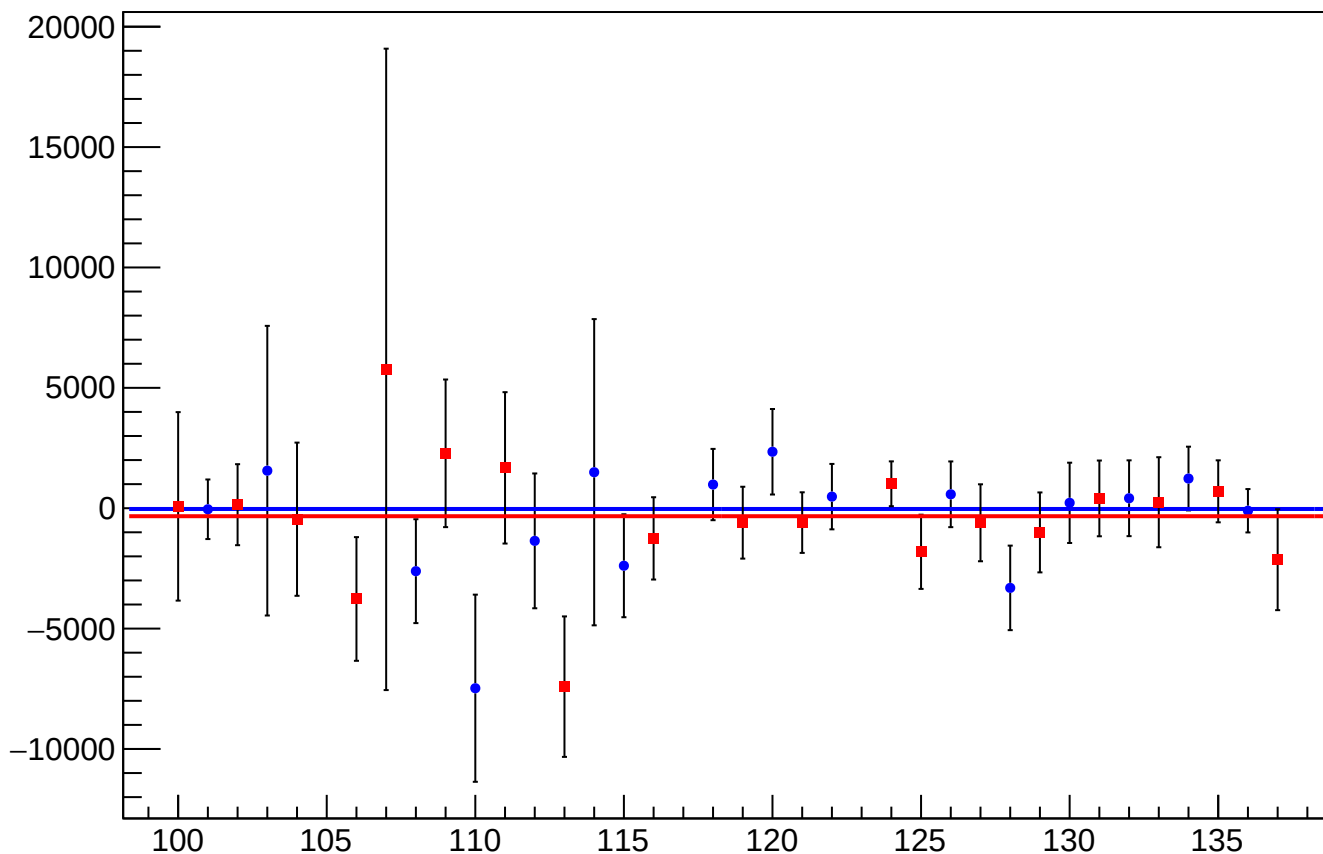
Right: 2593.583 $\pm$ 0.484 χ^2/NDF : 776192.2/34

In: 2544.416 $\pm$ 0.674 χ^2/NDF : 225614.0/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2593.583 $\pm$ 0.484 χ^2/NDF : 776192.2/34

asym_atl1_cor_correction_mean vs Slug, Sign Corrected



Right In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -331.962 ± 399.334 χ^2/NDF : 14.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

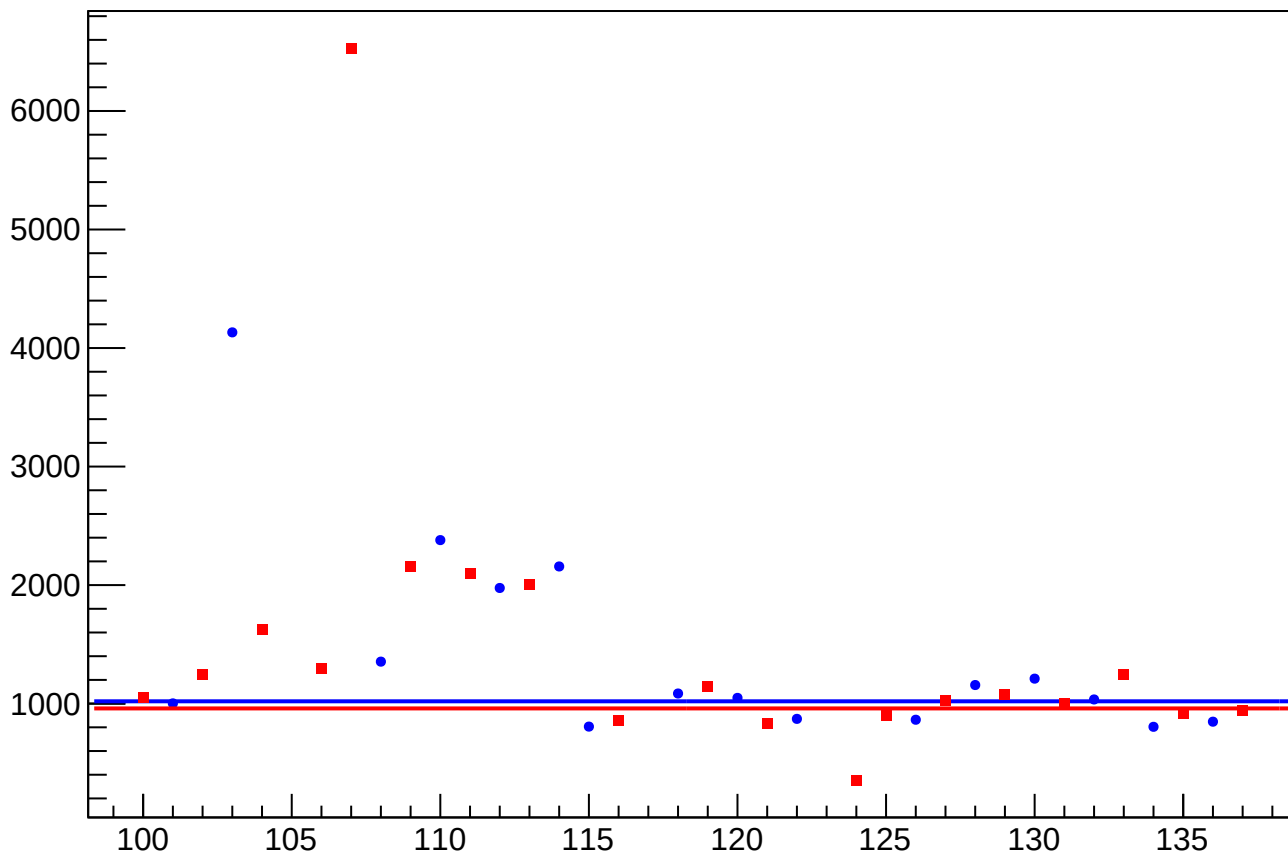
Right: -183.994 ± 284.604 χ^2/NDF : 28.5/34

In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.994 ± 284.604 χ^2/NDF : 28.5/34

asym_atl1_cor_correction_rms vs Slug, Sign Corrected



Right In: 1019.514 $\pm$ 0.287 χ^2 /NDF: 1364741.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 959.344 $\pm$ 0.282 χ^2 /NDF: 2344434.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

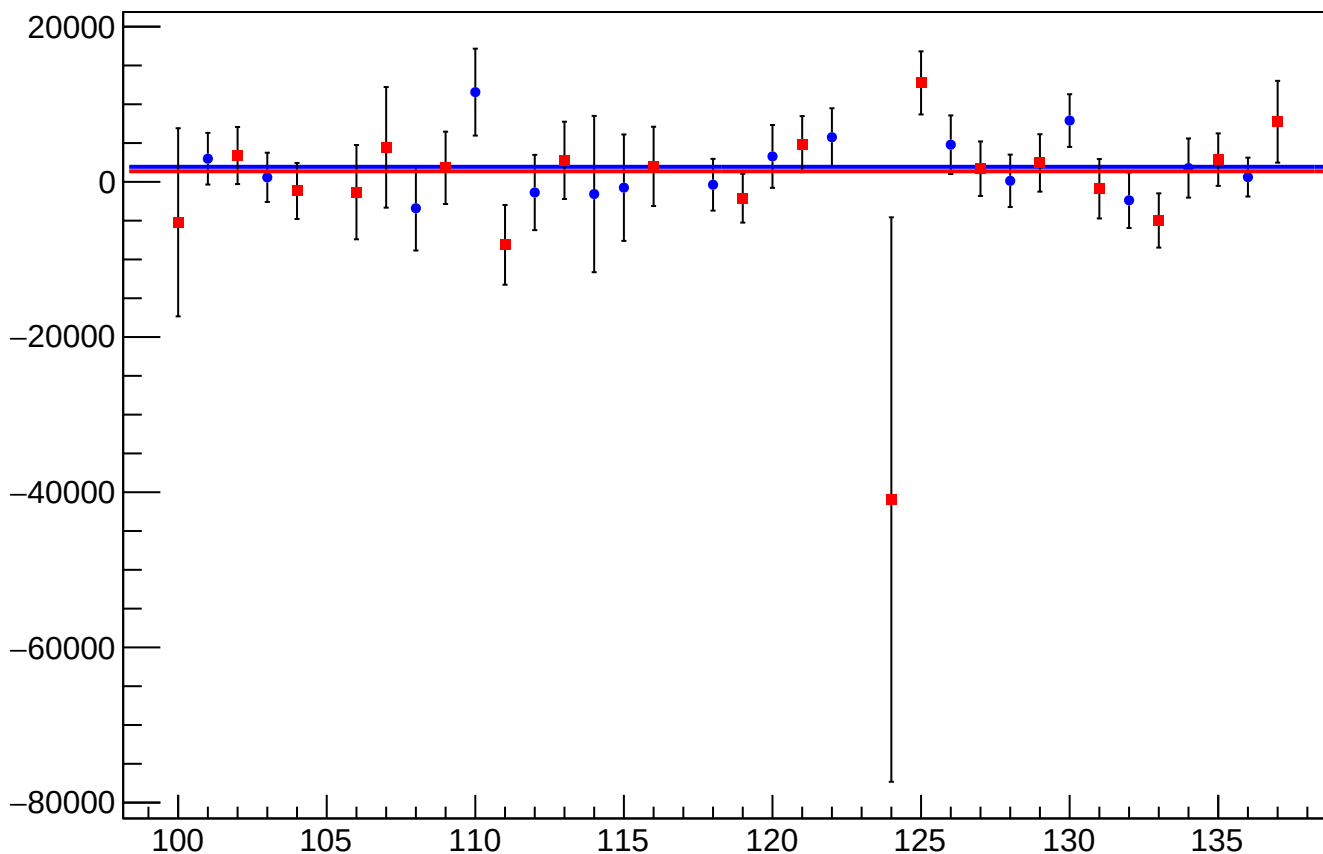
Right: 988.952 $\pm$ 0.201 χ^2 /NDF: 3731518.7/34

In: 1019.514 $\pm$ 0.287 χ^2 /NDF:1364741.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 988.952 $\pm$ 0.201 χ^2 /NDF: 3731518.7/34

eigen_cor_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1363.089+/-985.420 χ^2/NDF : 21.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

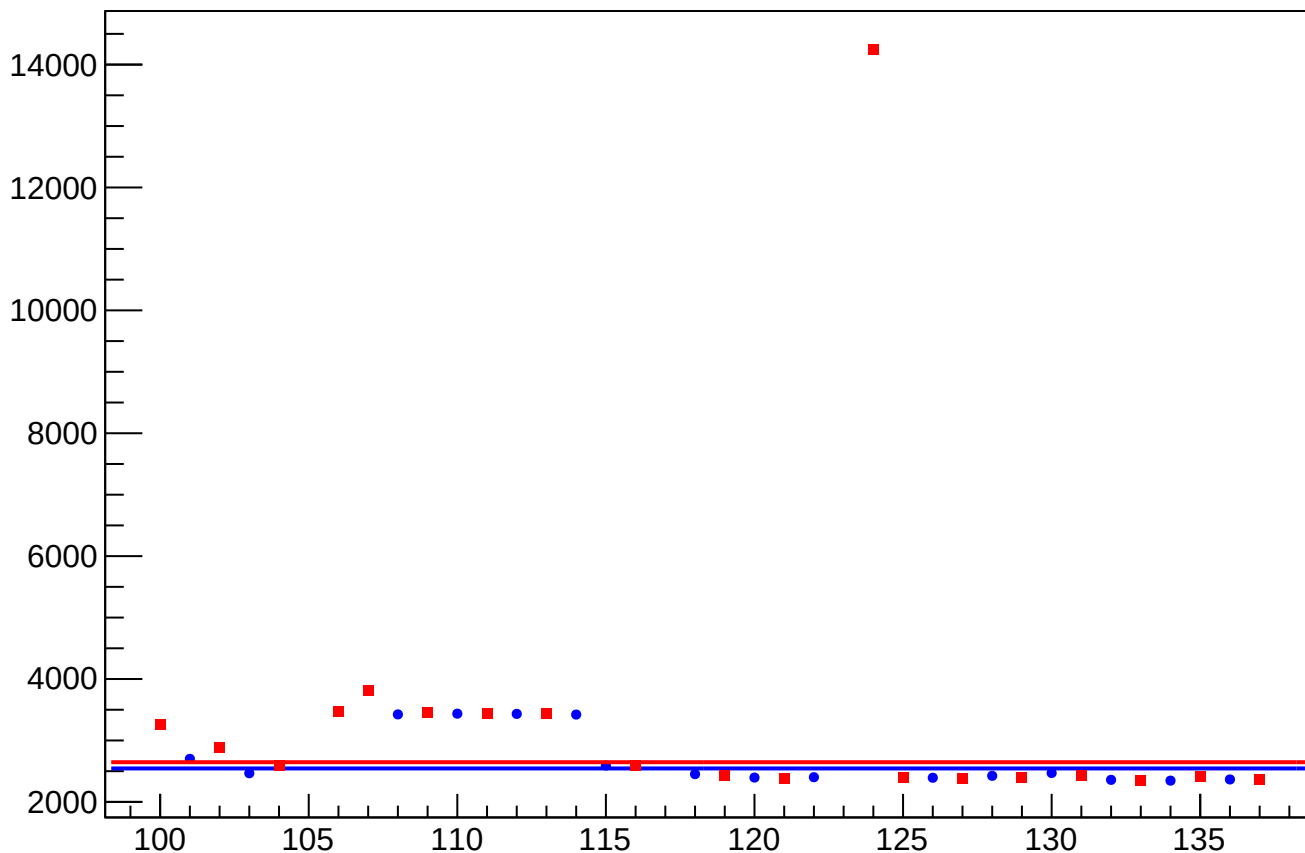
Right: 1661.333+/-684.876 χ^2/NDF : 34.1/34

In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1661.333+/-684.876 χ^2/NDF : 34.1/34

eigen_cor_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2646.203+/-0.697 χ^2/NDF : 539546.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

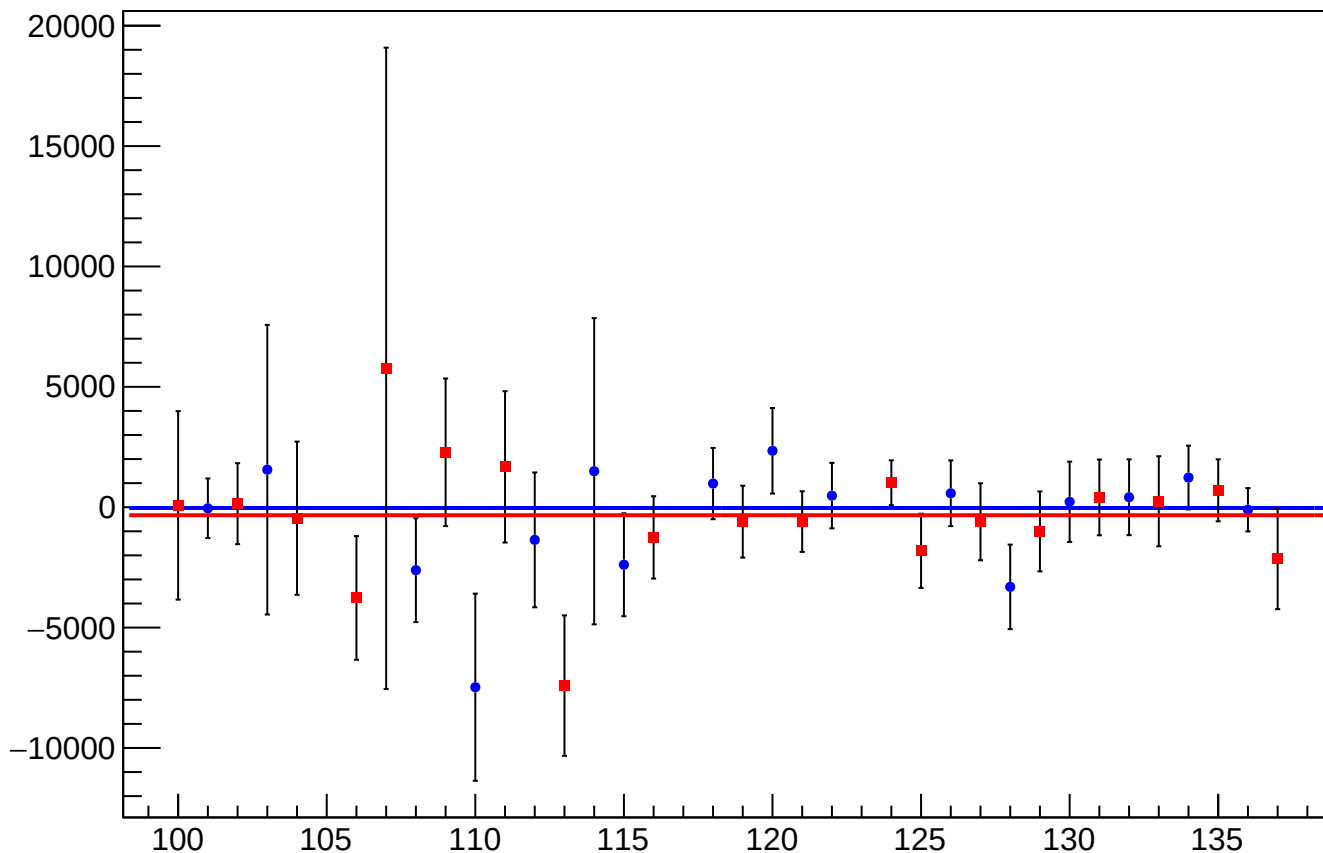
Right: 2593.583+/-0.484 χ^2/NDF : 776192.2/34

In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2593.583+/-0.484 χ^2/NDF : 776192.2/34

asym_atl1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -331.962 ± 399.334 χ^2/NDF : 14.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

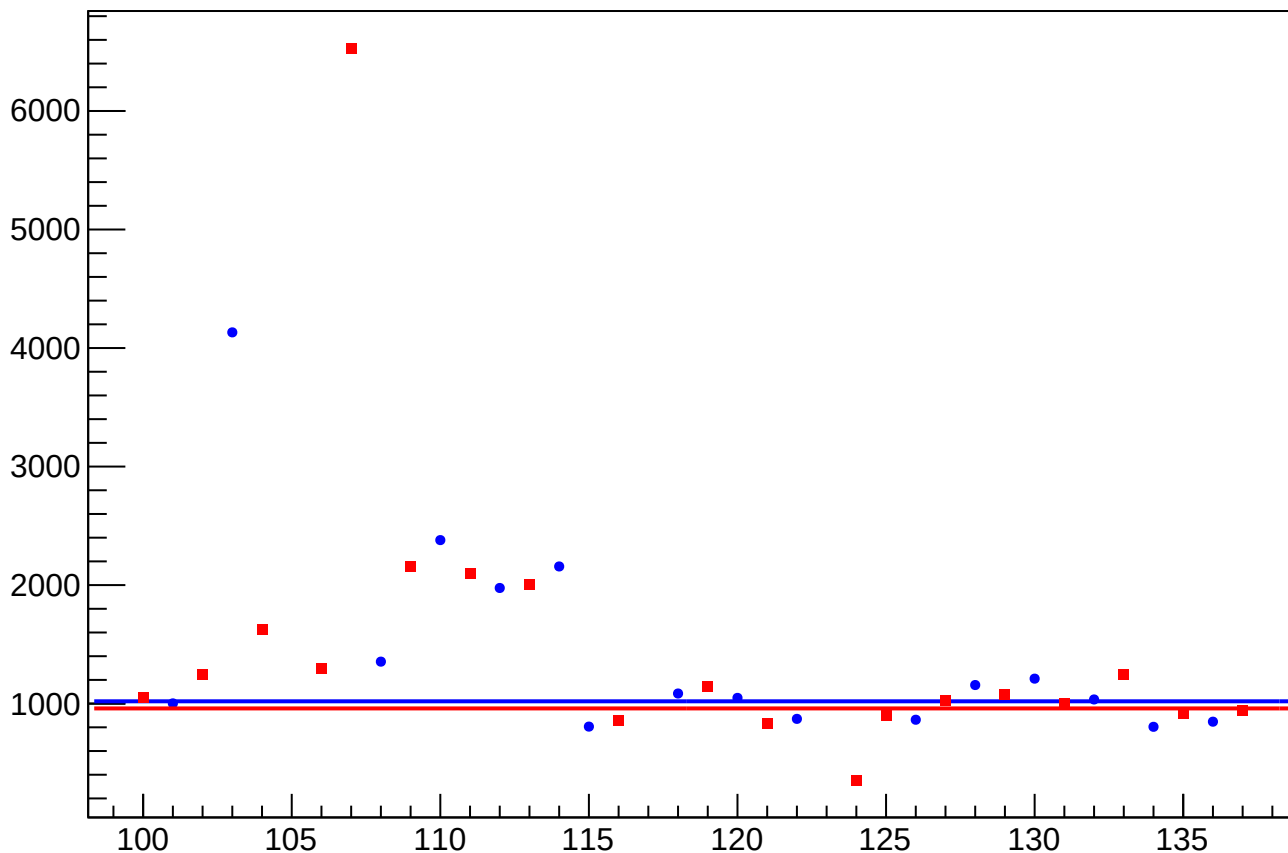
Right: -183.994 ± 284.604 χ^2/NDF : 28.5/34

In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -183.994 ± 284.604 χ^2/NDF : 28.5/34

asym_atl1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1019.514+/-0.287 χ^2/NDF : 1364741.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.344+/-0.282 χ^2/NDF : 2344434.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

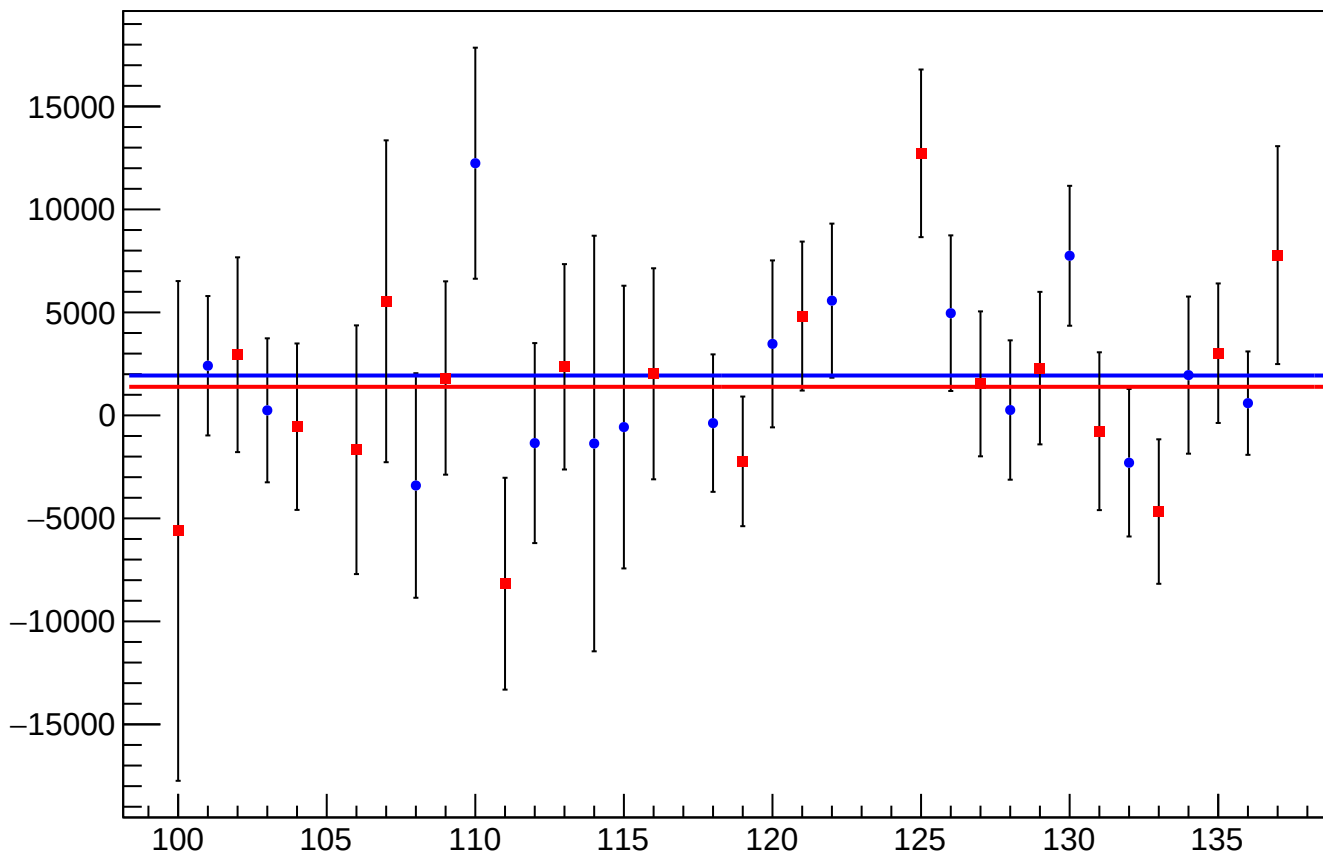
Right: 988.952+/-0.201 χ^2/NDF : 3731518.7/34

In: 1019.514+/-0.287 χ^2/NDF : 1364741.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 988.952+/-0.201 χ^2/NDF : 3731518.7/34

dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1935.992 $\pm$ 962.322 χ^2 /NDF: 12.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1387.548 $\pm$ 1009.105 χ^2 /NDF: 19.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

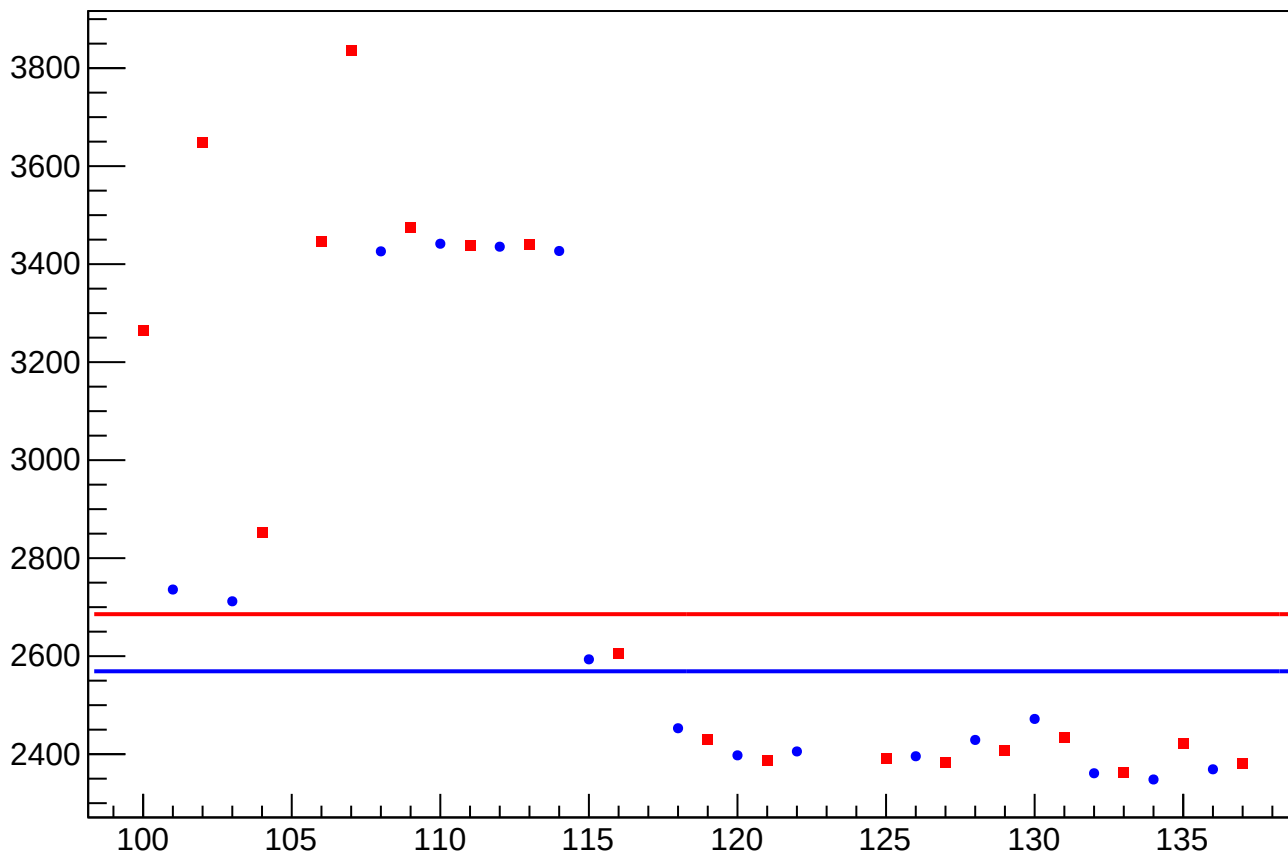
Right: 1674.777 $\pm$ 696.416 χ^2 /NDF: 32.3/33

In: 1935.992 $\pm$ 962.322 χ^2 /NDF:12.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1674.777 $\pm$ 696.416 χ^2 /NDF: 32.3/33

dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2569.130+/-0.680 χ^2/NDF : 229487.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2685.675+/-0.714 χ^2/NDF : 419264.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

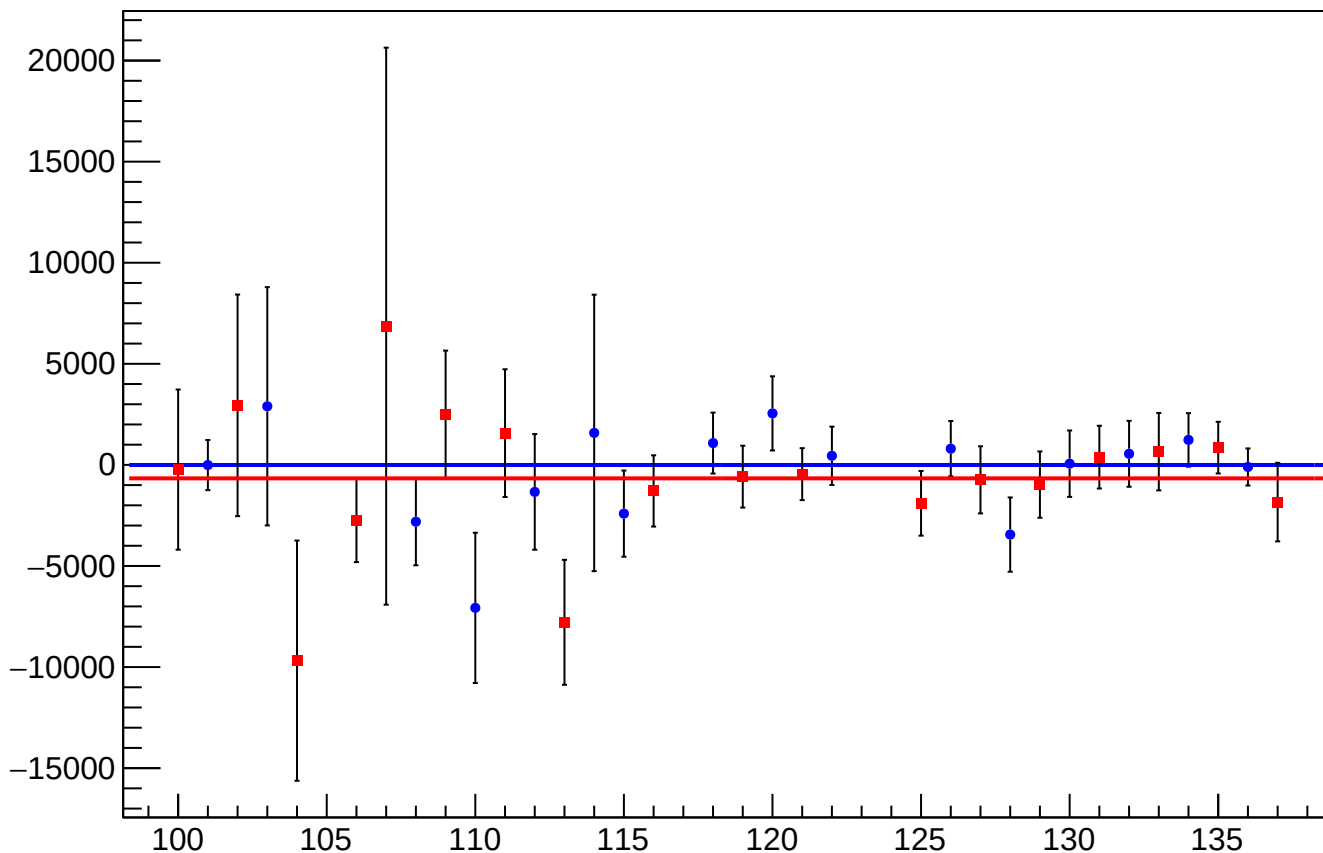
Right: 2624.638+/-0.492 χ^2/NDF : 662723.7/33

In: 2569.130+/-0.680 χ^2/NDF : 229487.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.638+/-0.492 χ^2/NDF : 662723.7/33

asym_atl1_dit_correction_mean vs Slug, Sign Corrected



Right In: -5.169 ± 412.248 χ^2/NDF : 14.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -665.952 ± 460.513 χ^2/NDF : 14.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

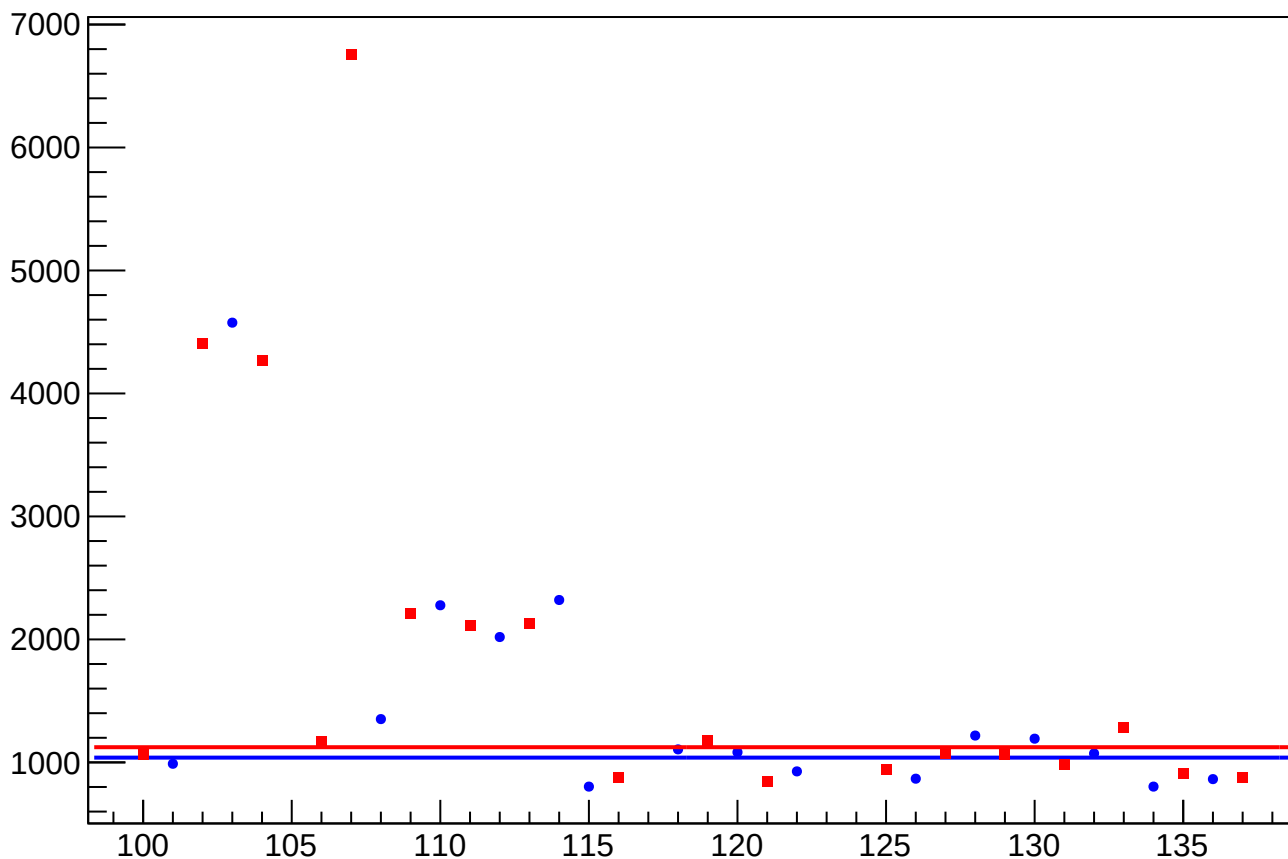
Right: -299.130 ± 307.154 χ^2/NDF : 30.0/33

In: -5.169 ± 412.248 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -299.130 ± 307.154 χ^2/NDF : 30.0/33

asym_atl1_dit_correction_rms vs Slug, Sign Corrected



Right In: 1038.803+/-0.292 χ^2/NDF : 1539731.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.474+/-0.326 χ^2/NDF : 2535511.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

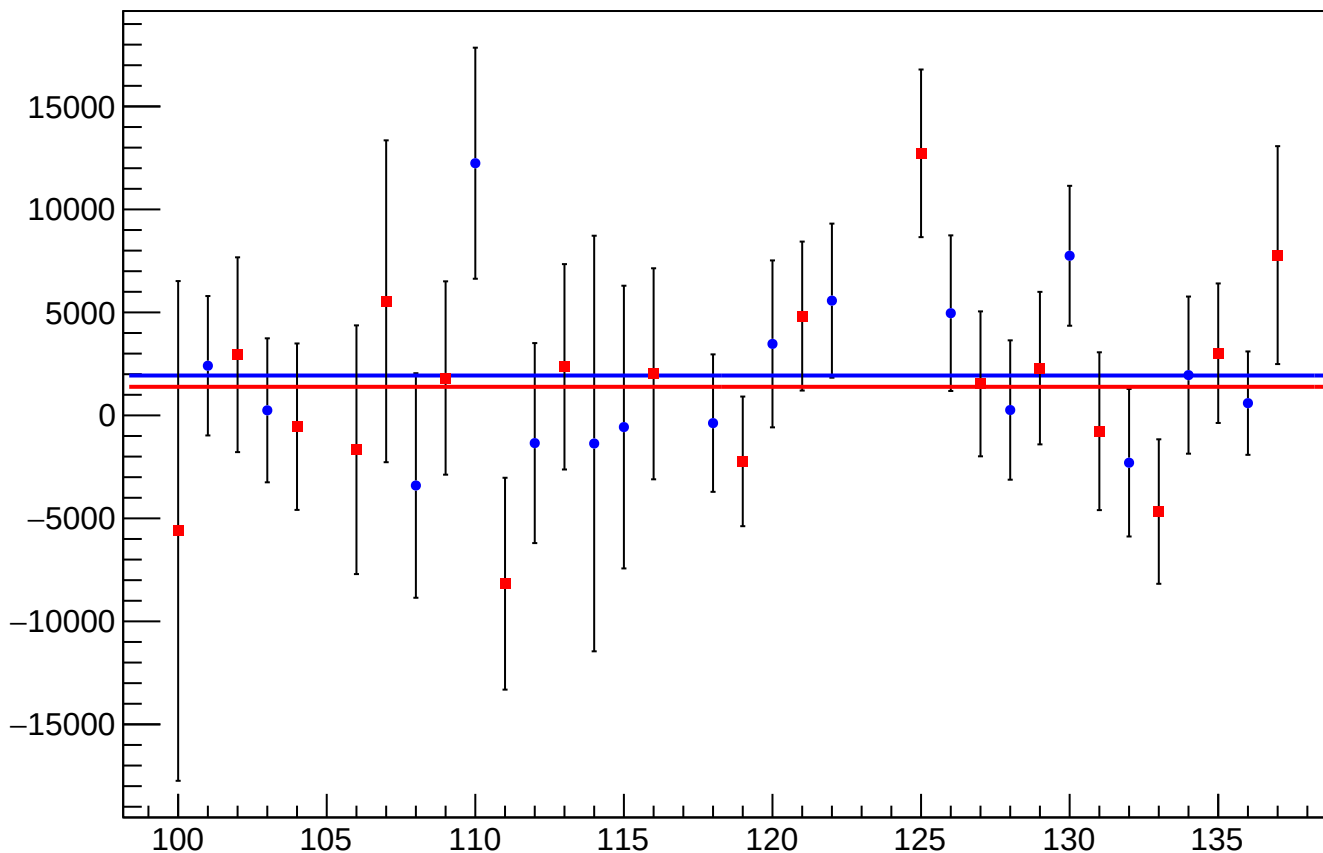
Right: 1076.470+/-0.217 χ^2/NDF : 4112776.2/33

In: 1038.803+/-0.292 χ^2/NDF : 1539731.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.470+/-0.217 χ^2/NDF : 4112776.2/33

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1935.988 $\pm$ 962.322 χ^2 /NDF: 12.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1387.545 $\pm$ 1009.105 χ^2 /NDF: 19.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

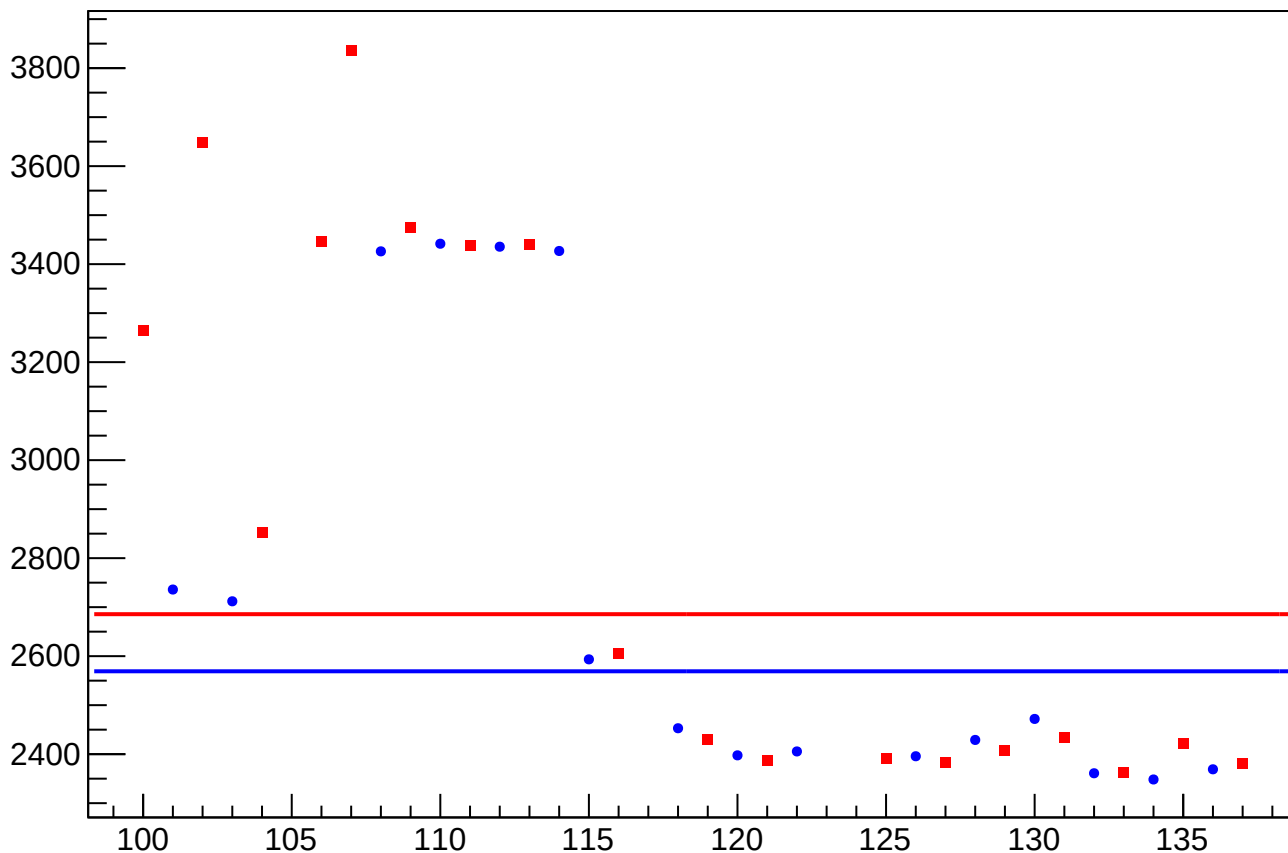
Right: 1674.774 $\pm$ 696.416 χ^2 /NDF: 32.3/33

In: 1935.988 $\pm$ 962.322 χ^2 /NDF:12.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1674.774 $\pm$ 696.416 χ^2 /NDF: 32.3/33

eigen_dit_asym_atl1_rms vs Slug, Sign Corrected



Right In: 2569.130+/-0.680 χ^2/NDF : 229487.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2685.674+/-0.714 χ^2/NDF : 419264.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

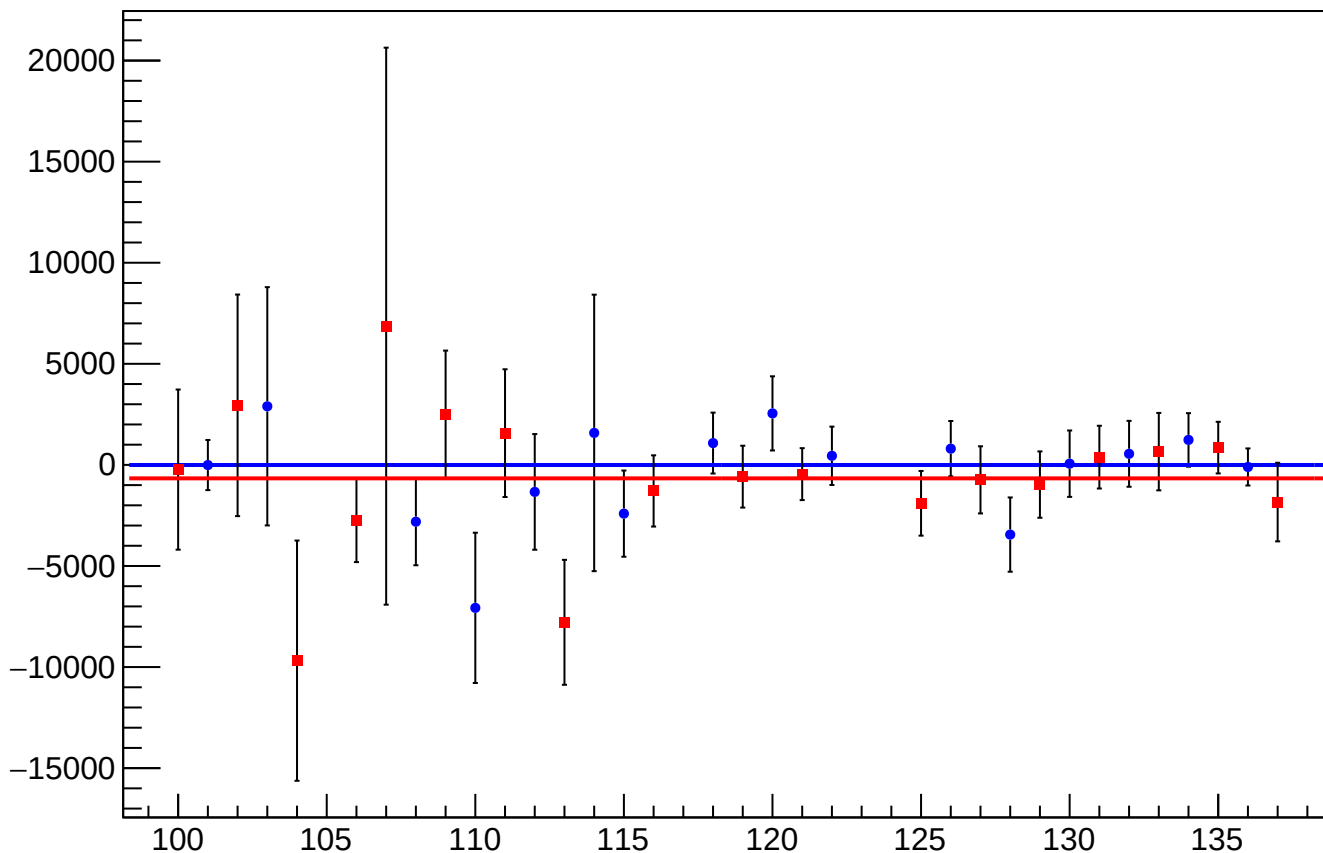
Right: 2624.638+/-0.492 χ^2/NDF : 662722.8/33

In: 2569.130+/-0.680 χ^2/NDF : 229487.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2624.638+/-0.492 χ^2/NDF : 662722.8/33

asym_atl1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -5.172 ± 412.248 χ^2/NDF : 14.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -665.953 ± 460.513 χ^2/NDF : 14.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

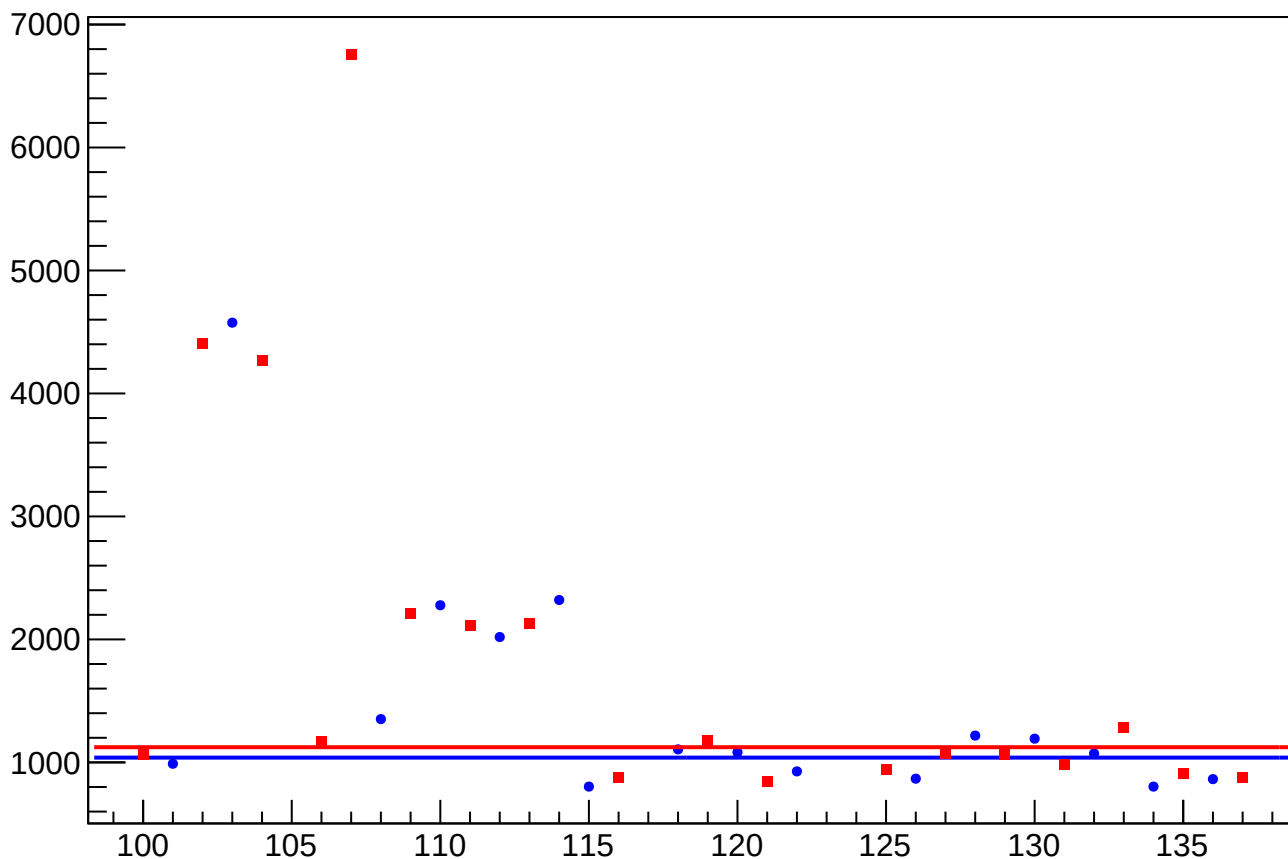
Right: -299.132 ± 307.154 χ^2/NDF : 30.0/33

In: -5.172 ± 412.248 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -299.132 ± 307.154 χ^2/NDF : 30.0/33

asym_atl1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1038.804+/-0.292 χ^2/NDF : 1539724.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1123.474+/-0.326 χ^2/NDF : 2535509.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

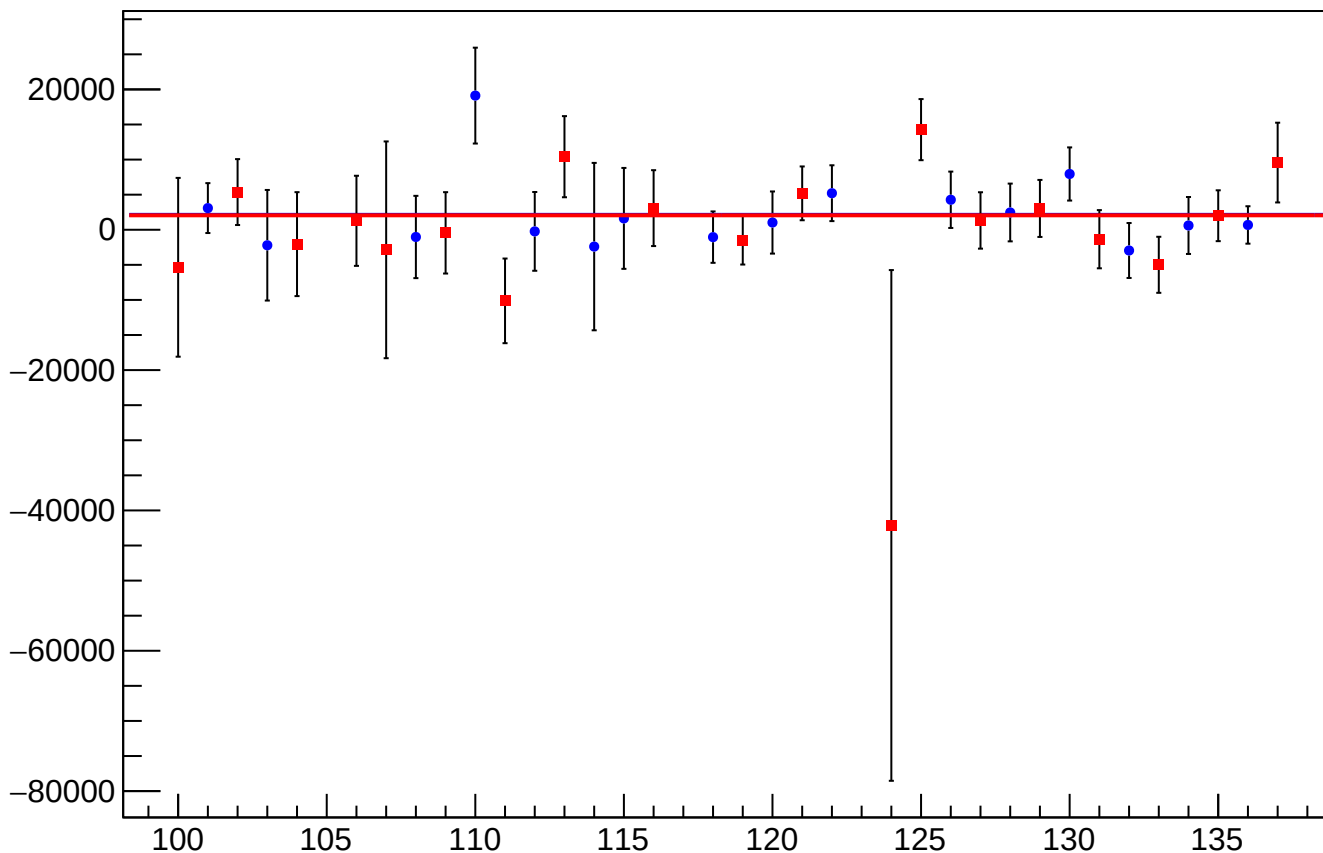
Right: 1076.471+/-0.217 χ^2/NDF : 4112767.4/33

In: 1038.804+/-0.292 χ^2/NDF : 1539724.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1076.471+/-0.217 χ^2/NDF : 4112767.4/33

asym_atl1_mean vs Slug, Sign Corrected



Right In: 2121.991+/-1084.700 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2059.741+/-1136.807 χ^2/NDF : 24.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

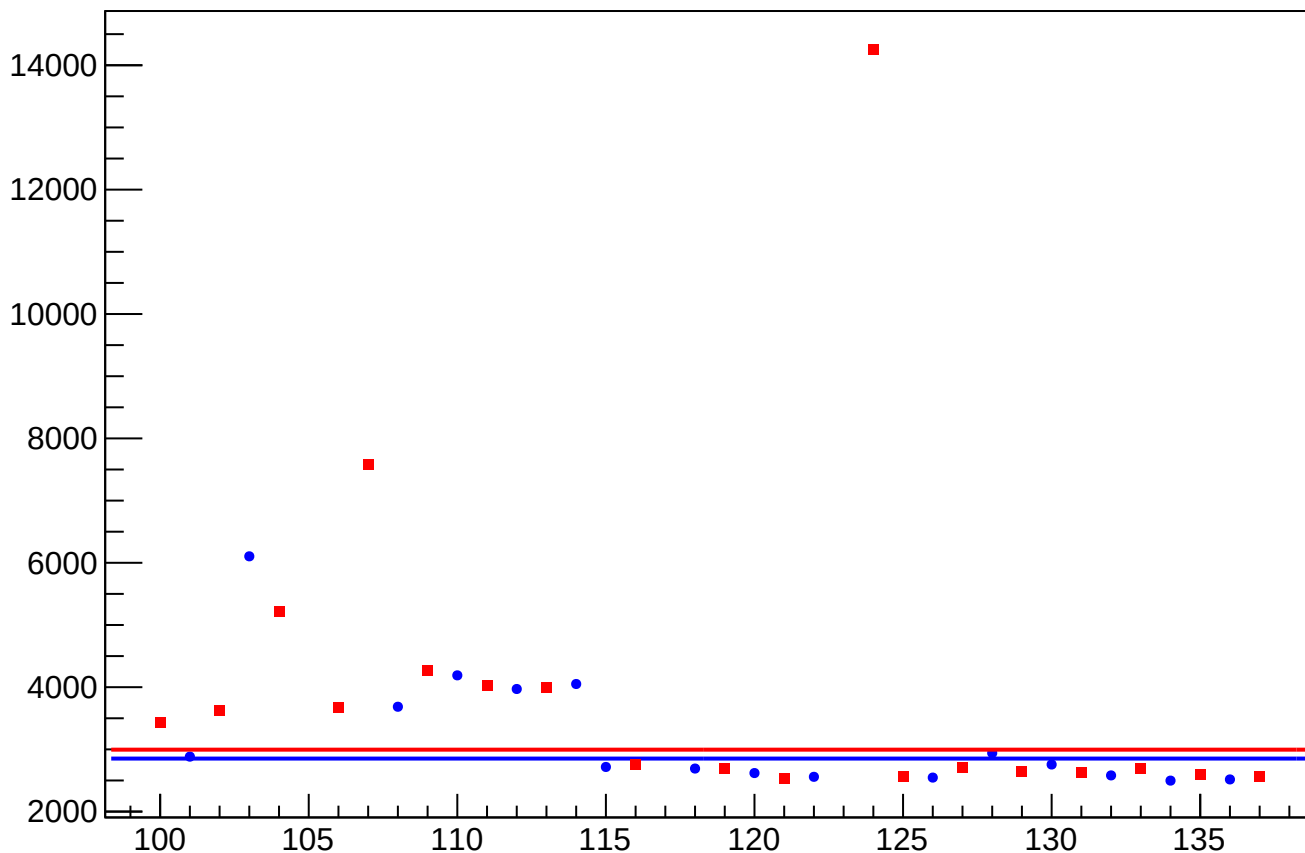
Right: 2092.326+/-784.773 χ^2/NDF : 37.7/34

In: 2121.991+/-1084.700 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.326+/-784.773 χ^2/NDF : 37.7/34

asym_atl1_rms vs Slug, Sign Corrected



Right In: 2852.206+/-0.767 χ^2/NDF : 648715.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2995.525+/-0.804 χ^2/NDF : 979168.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

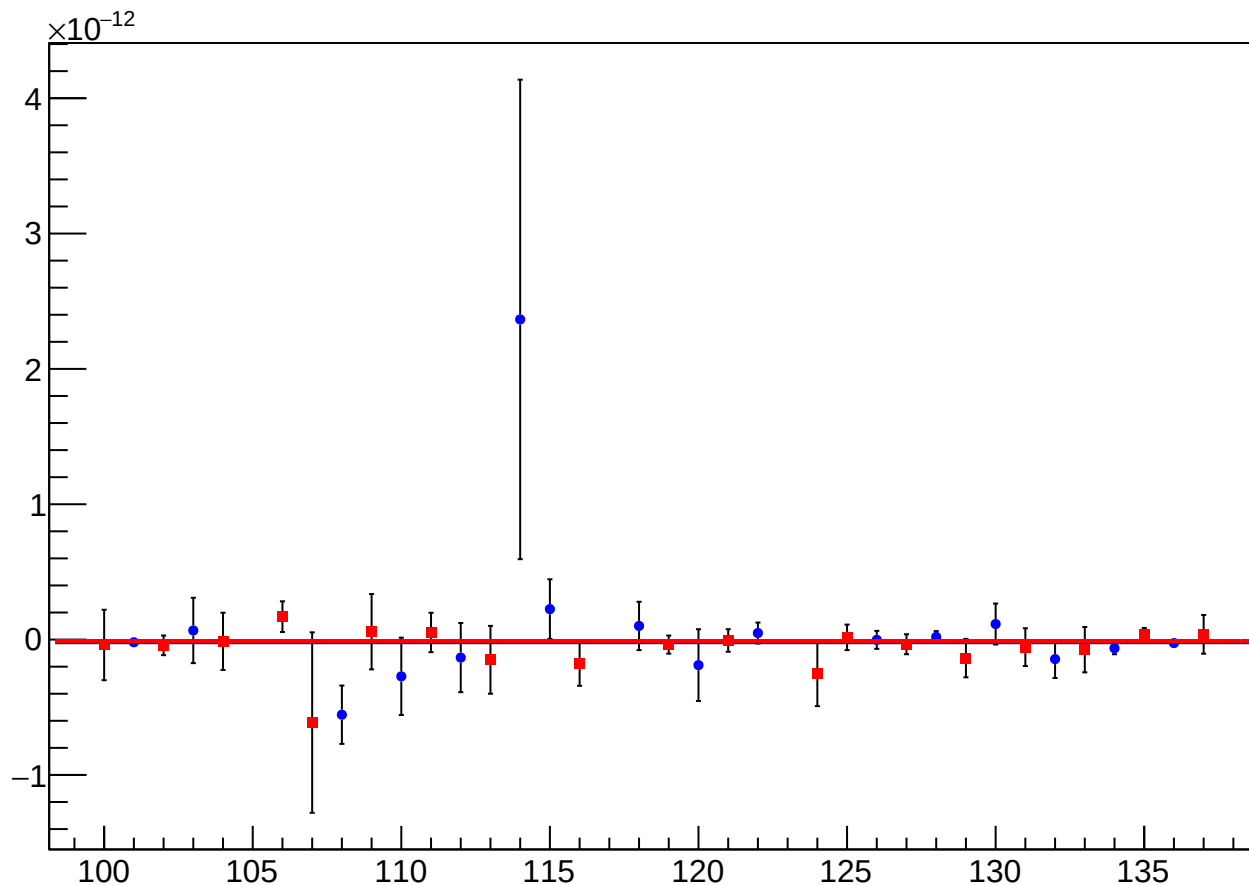
Right: 2920.506+/-0.555 χ^2/NDF : 1644523.2/34

In: 2852.206+/-0.767 χ^2/NDF : 648715.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2920.506+/-0.555 χ^2/NDF : 1644523.2/34

asym_atl1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

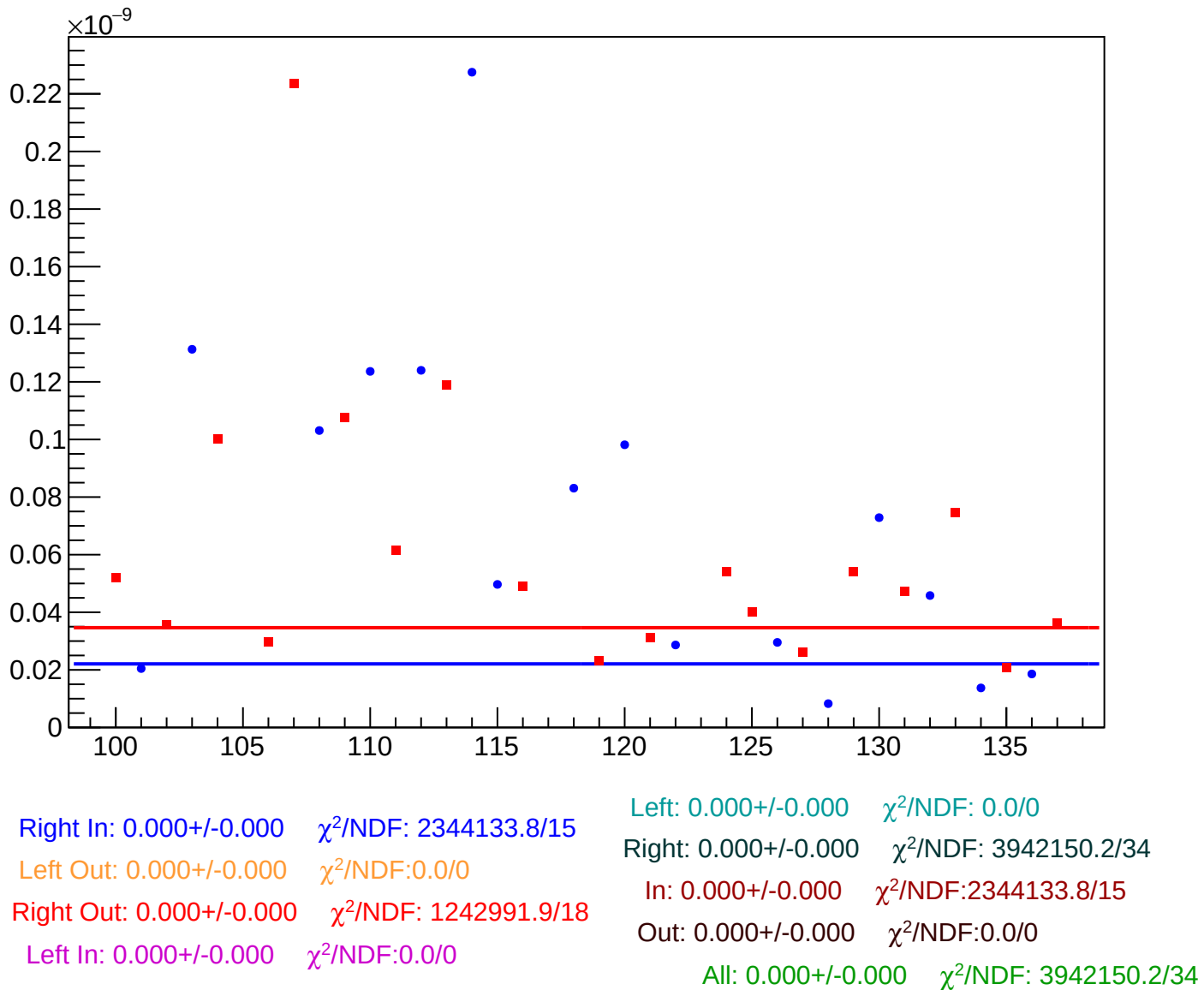
Right: -0.000+/-0.000 χ^2/NDF : 23.8/34

In: -0.000+/-0.000 χ^2/NDF : 15.4/15

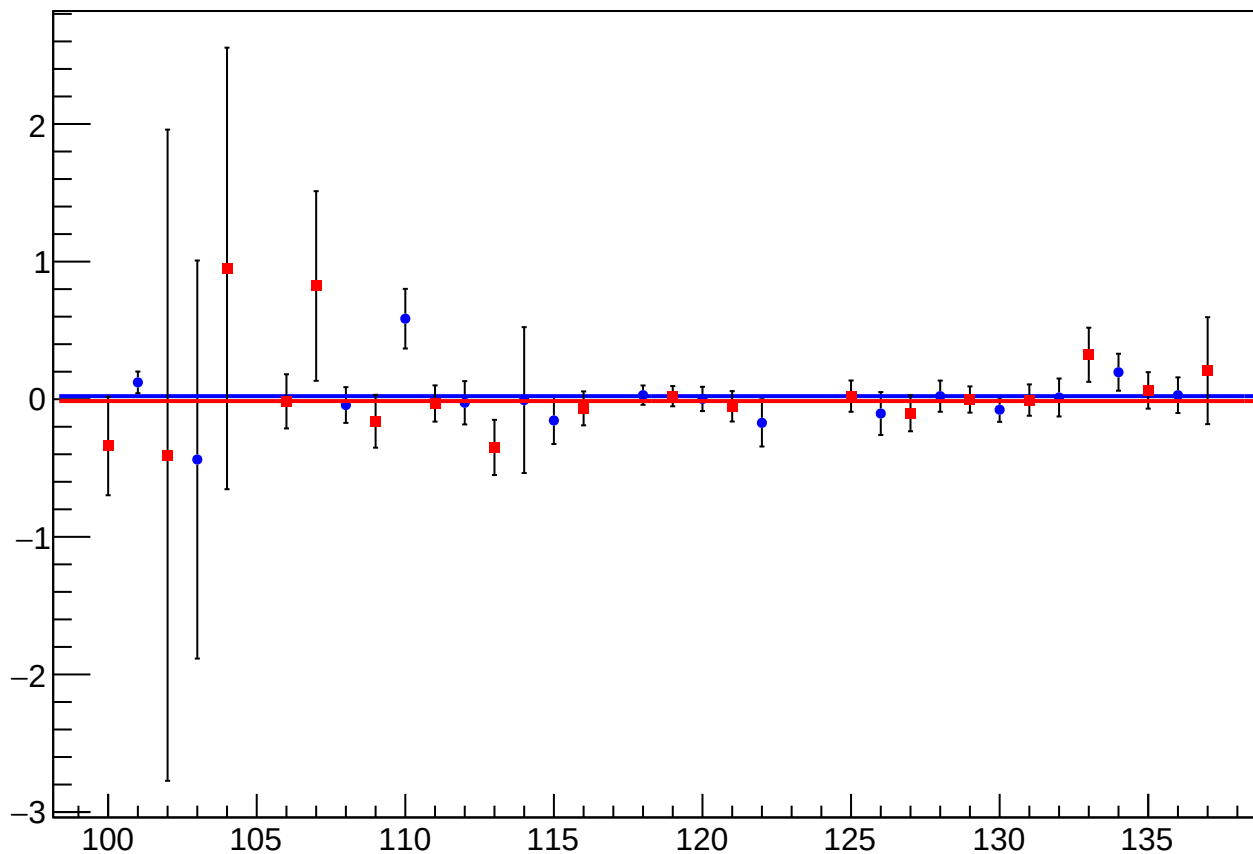
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.8/34

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.033 χ^2/NDF : 10.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

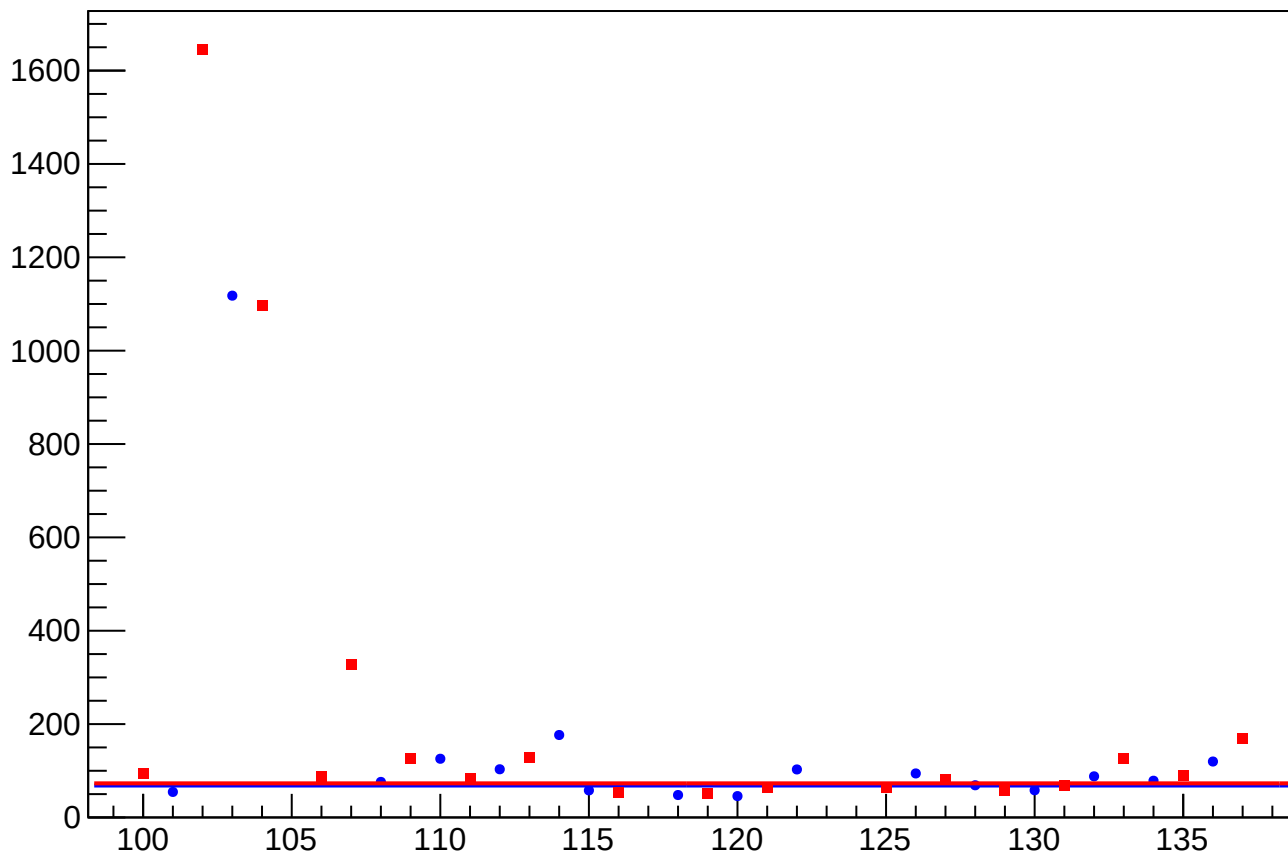
Right: 0.006+/-0.022 χ^2/NDF : 26.3/33

In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.022 χ^2/NDF : 26.3/33

asym_atl1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF : 2913147.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

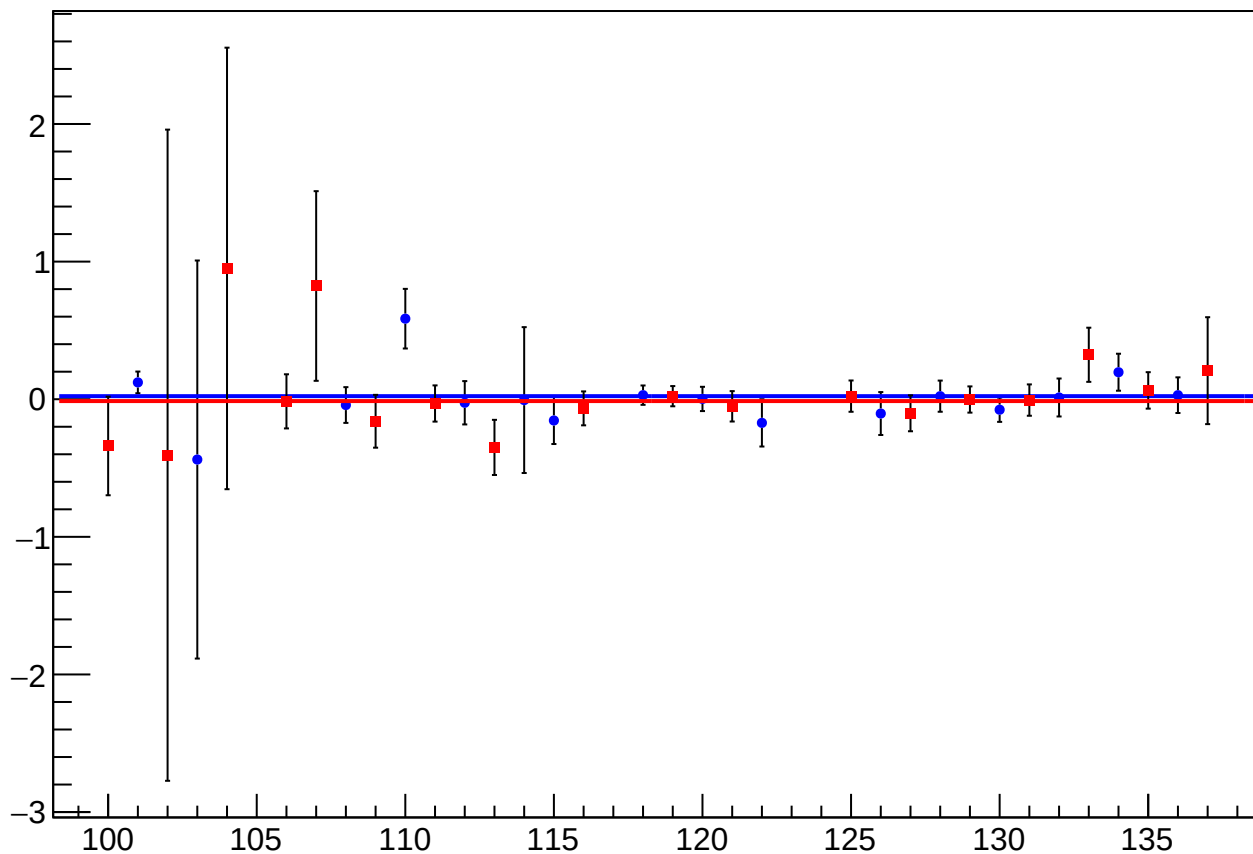
Right: 70.509+/-0.016 χ^2/NDF : 5212470.4/33

In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.509+/-0.016 χ^2/NDF : 5212470.4/33

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.033 χ^2/NDF : 10.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

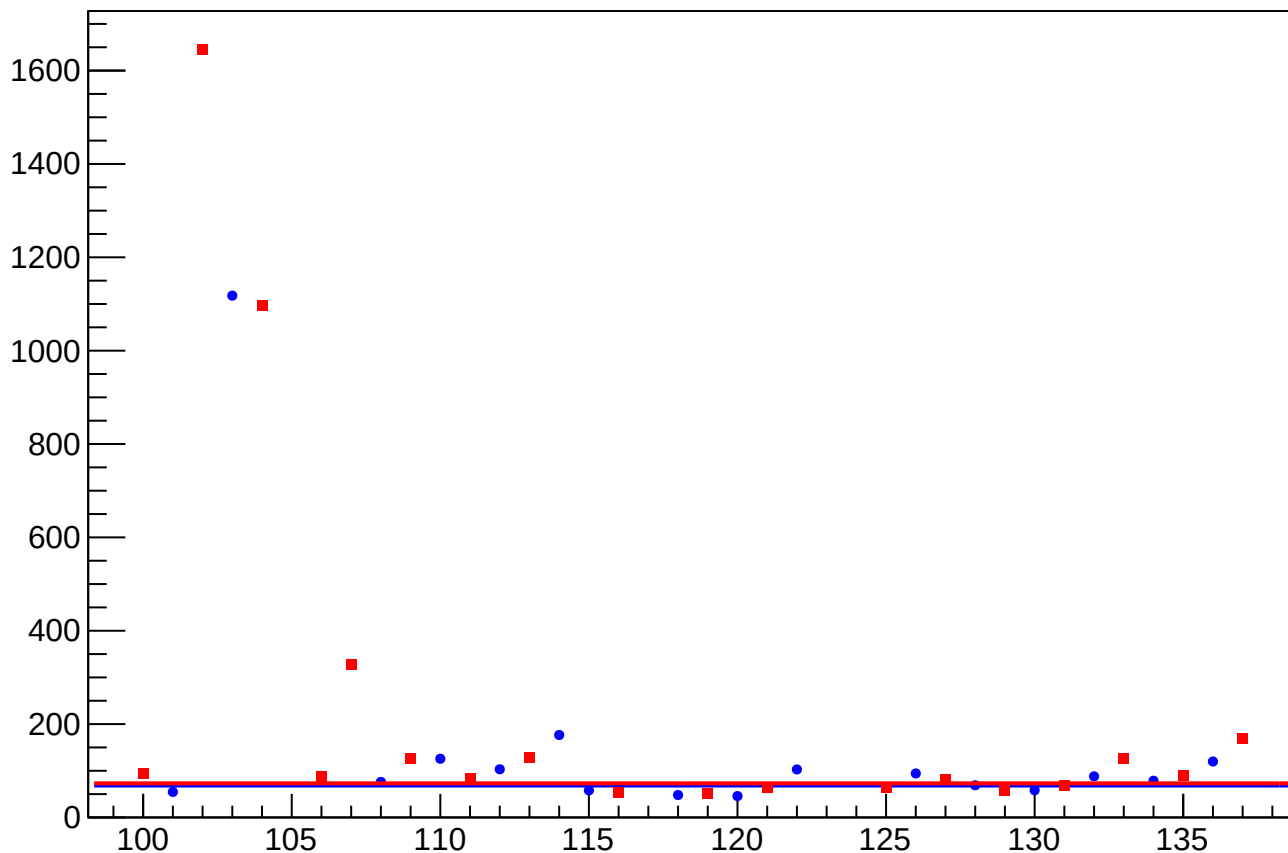
Right: 0.006+/-0.022 χ^2/NDF : 26.3/33

In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.022 χ^2/NDF : 26.3/33

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF : 2913147.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

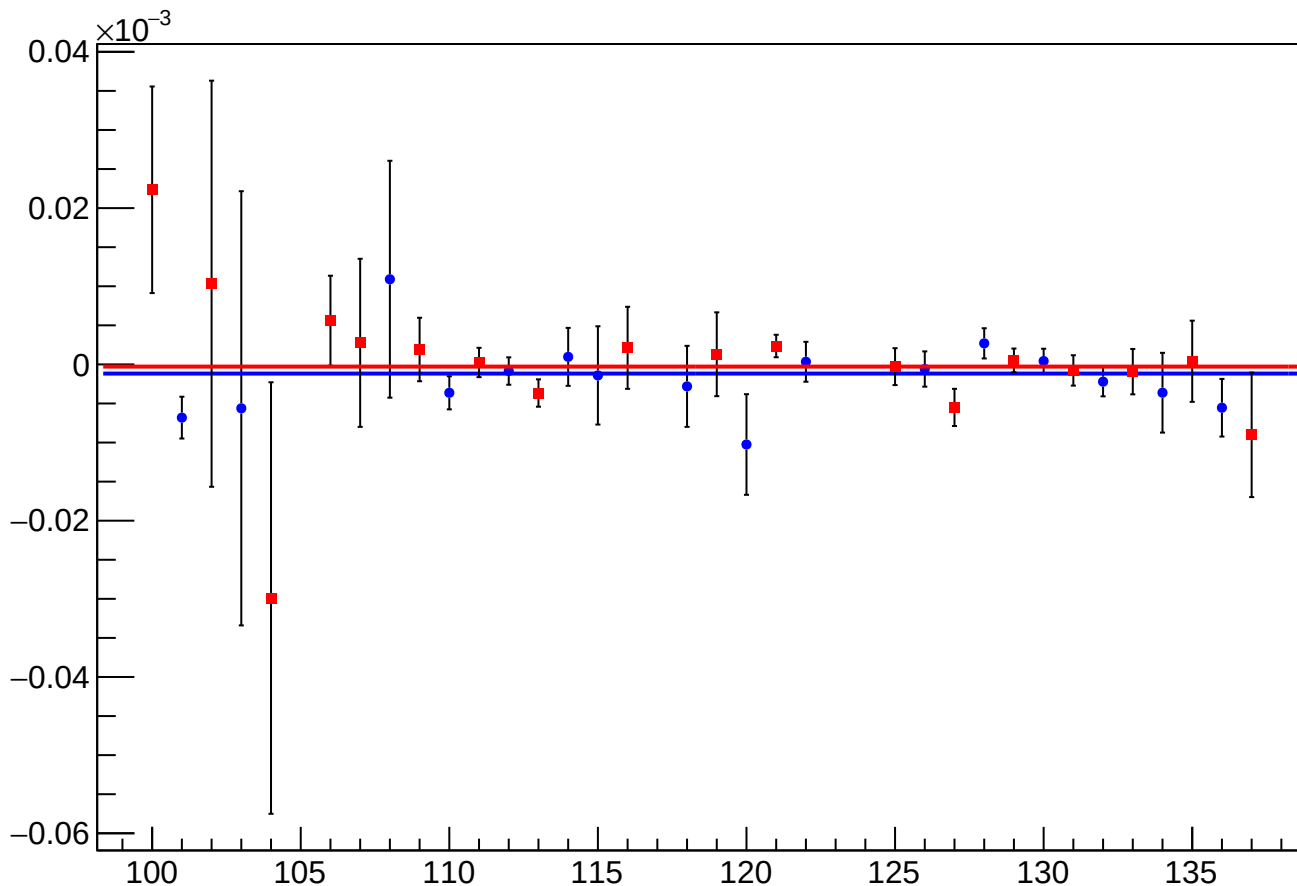
Right: 70.509+/-0.016 χ^2/NDF : 5212470.4/33

In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.509+/-0.016 χ^2/NDF : 5212470.4/33

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

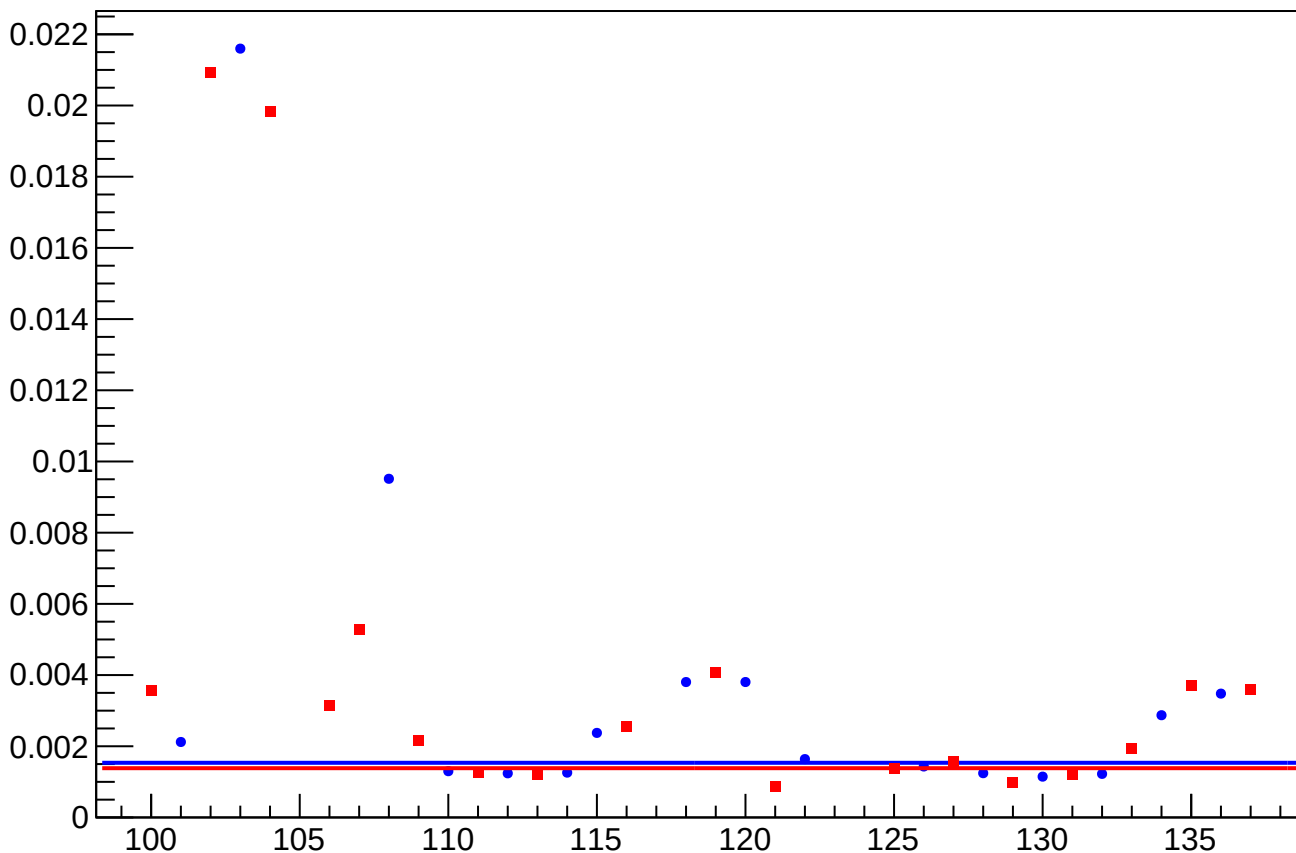
Right: -0.000+/-0.000 χ^2/NDF : 36.8/33

In: -0.000+/-0.000 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.8/33

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3373907.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4269081.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

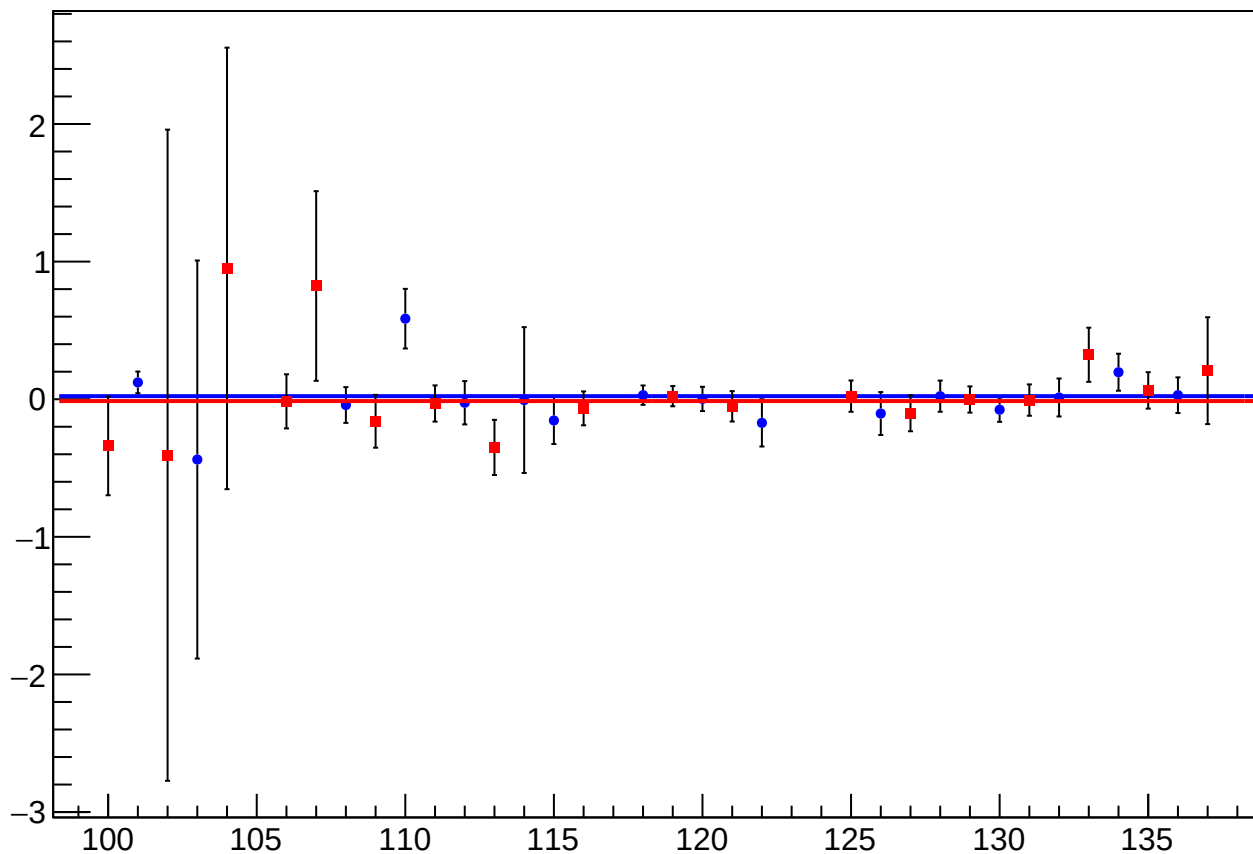
Right: 0.001+/-0.000 χ^2/NDF : 7697891.2/33

In: 0.002+/-0.000 χ^2/NDF : 3373907.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 7697891.2/33

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.033 χ^2/NDF : 10.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

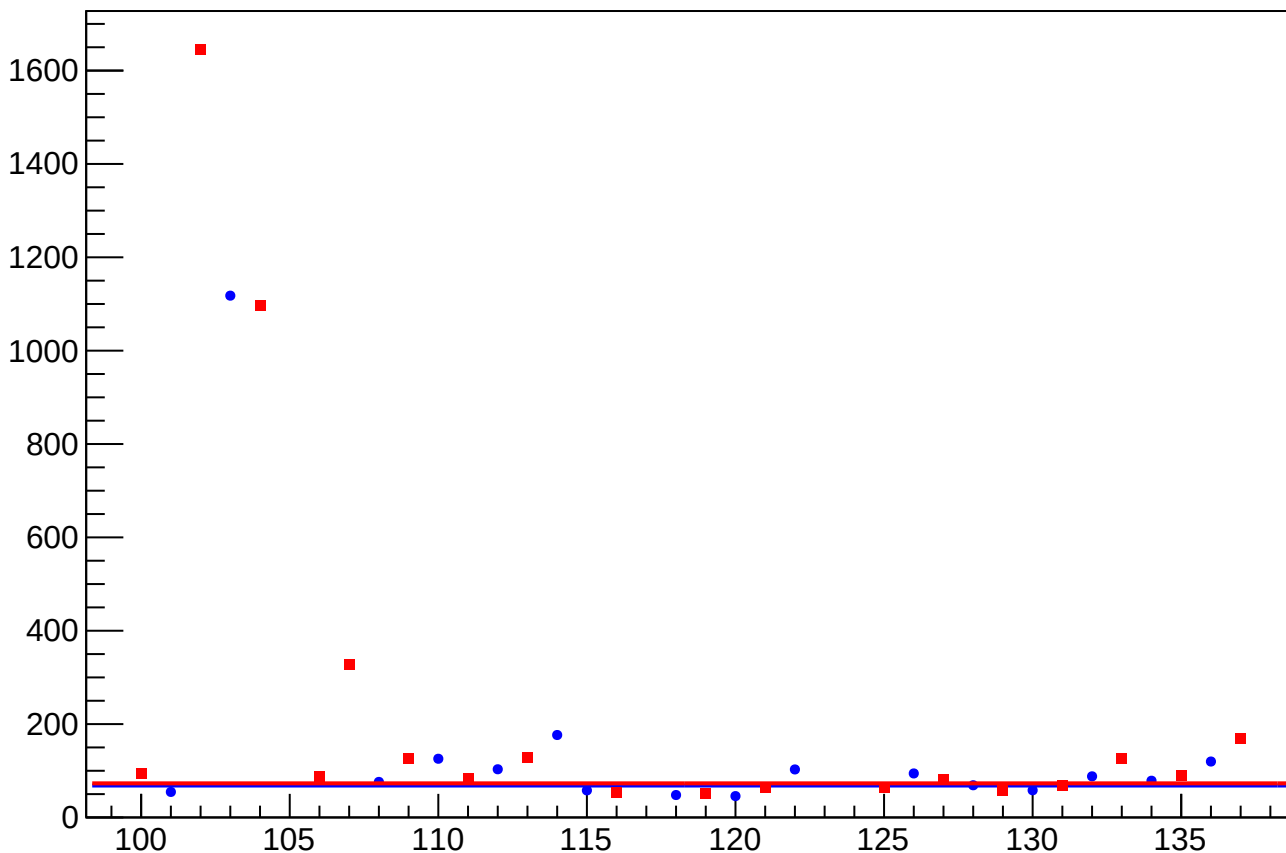
Right: 0.006+/-0.022 χ^2/NDF : 26.3/33

In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.022 χ^2/NDF : 26.3/33

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.428+/-0.021 χ^2 /NDF: 2278168.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 73.072+/-0.024 χ^2 /NDF: 2913161.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

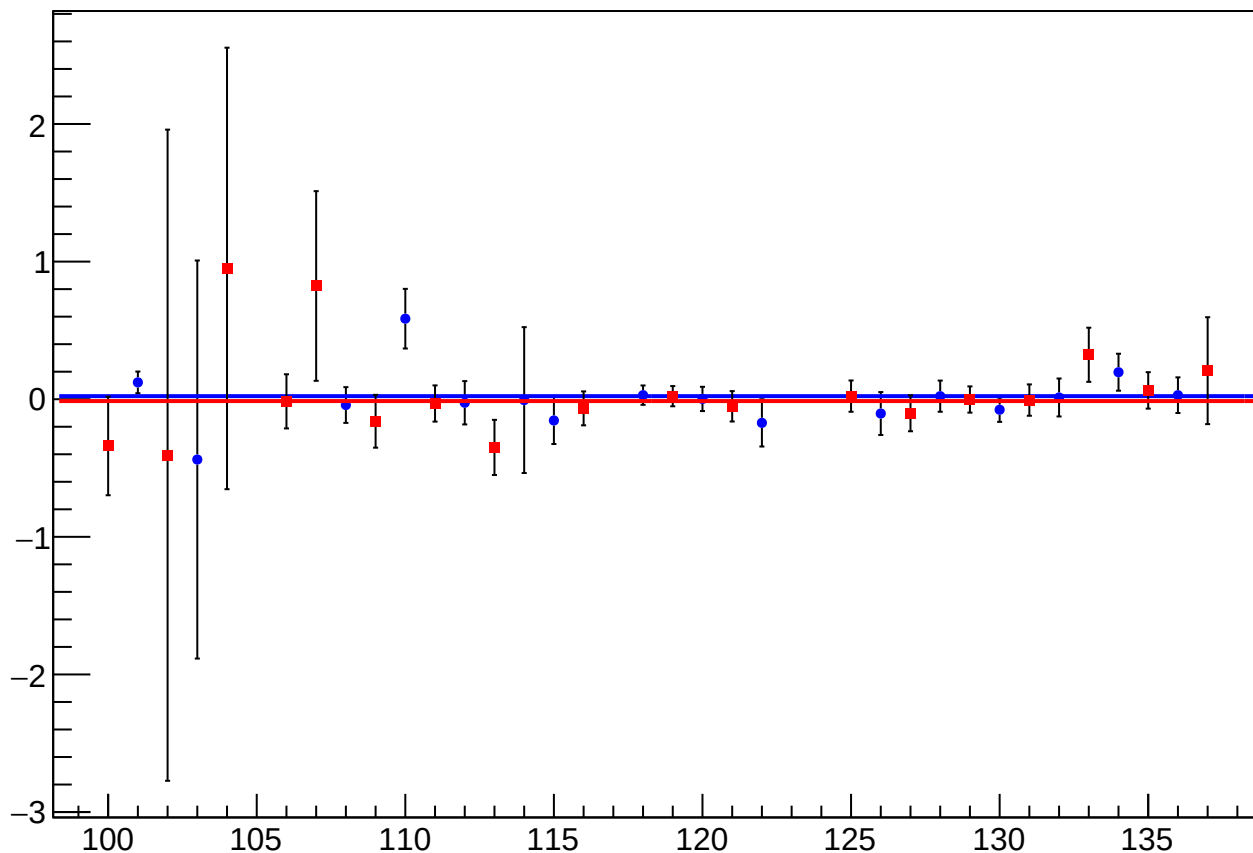
Right: 70.508+/-0.016 χ^2 /NDF: 5212574.0/33

In: 68.428+/-0.021 χ^2 /NDF:2278168.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 70.508+/-0.016 χ^2 /NDF: 5212574.0/33

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.033 χ^2/NDF : 10.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

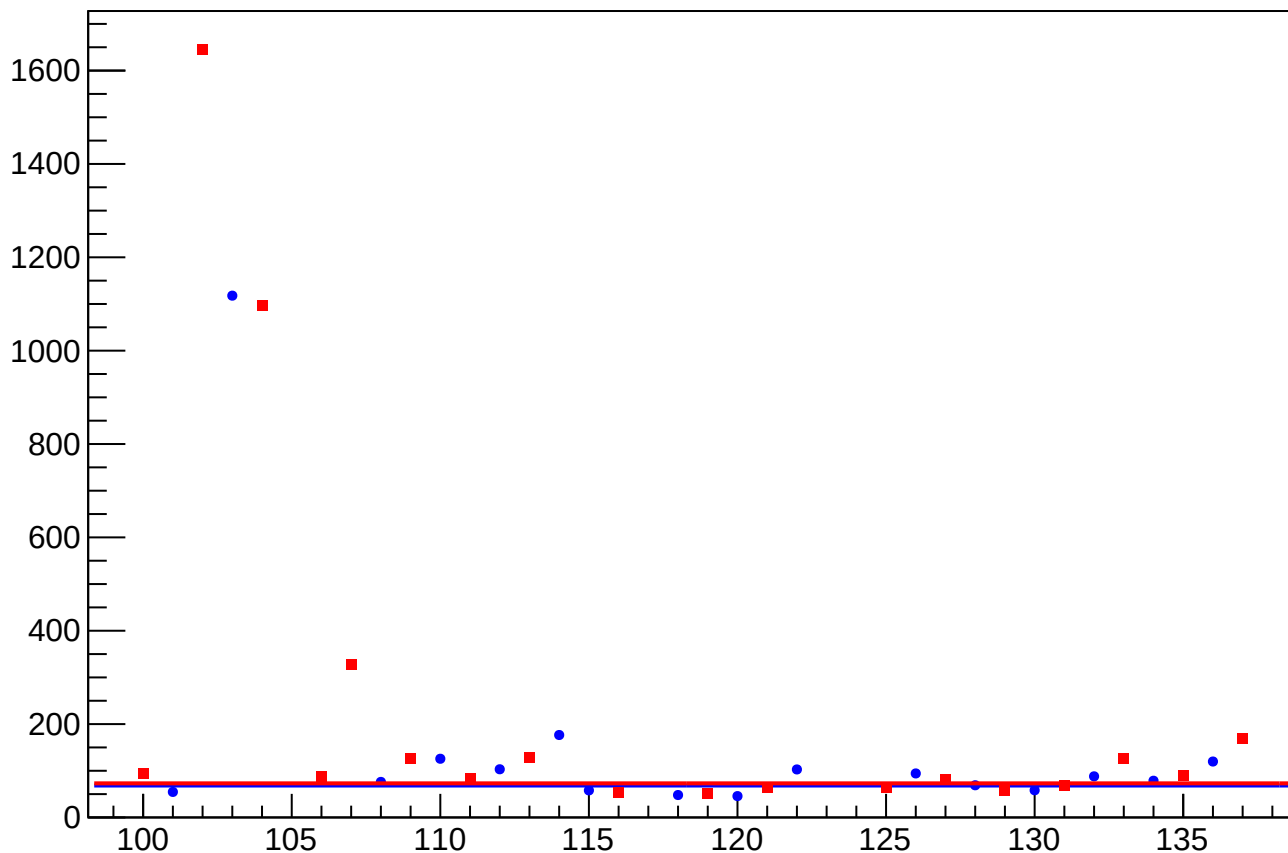
Right: 0.006+/-0.022 χ^2/NDF : 26.3/33

In: 0.022+/-0.030 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.022 χ^2/NDF : 26.3/33

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 68.428+/-0.021 χ^2/NDF : 2278168.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.072+/-0.024 χ^2/NDF : 2913161.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

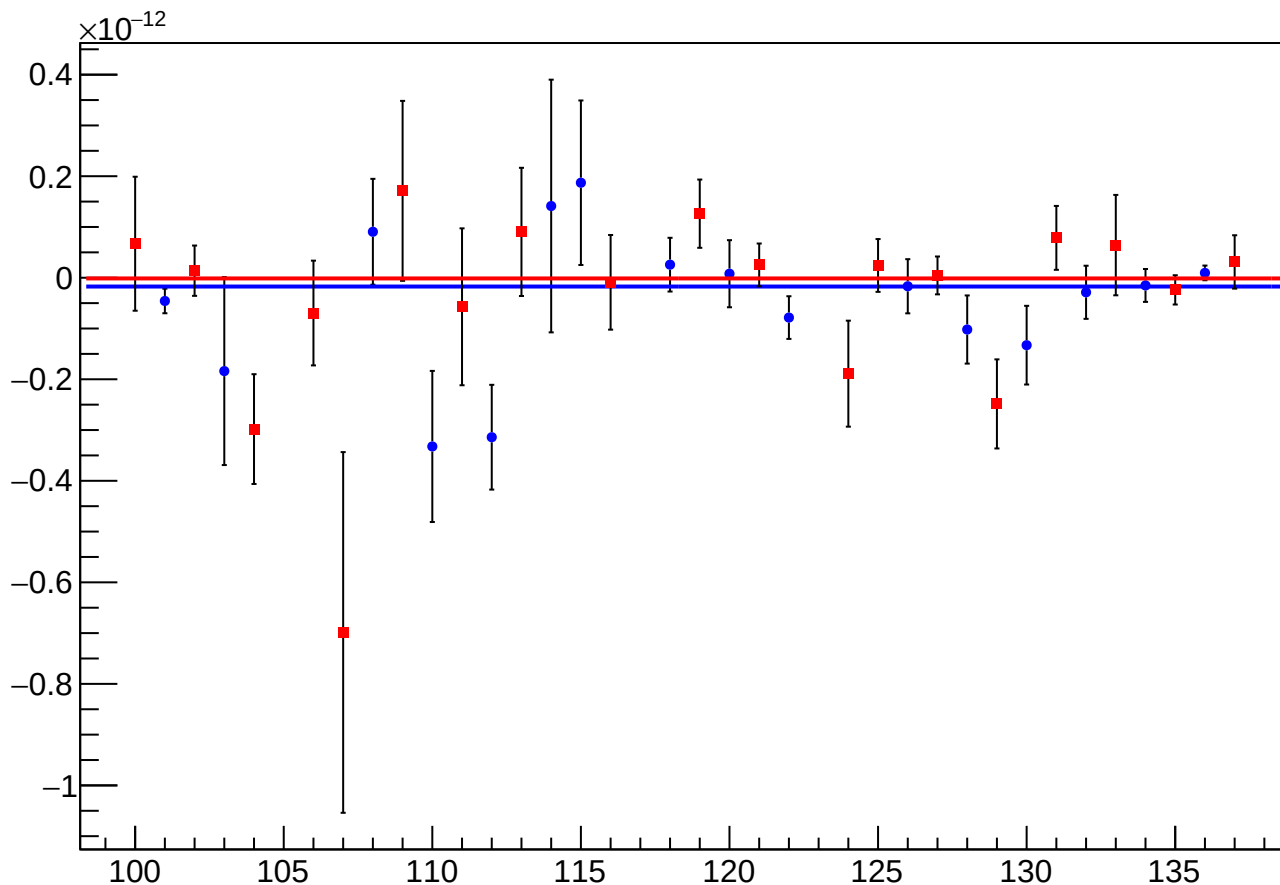
Right: 70.508+/-0.016 χ^2/NDF : 5212574.0/33

In: 68.428+/-0.021 χ^2/NDF : 2278168.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.508+/-0.016 χ^2/NDF : 5212574.0/33

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 28.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 32.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

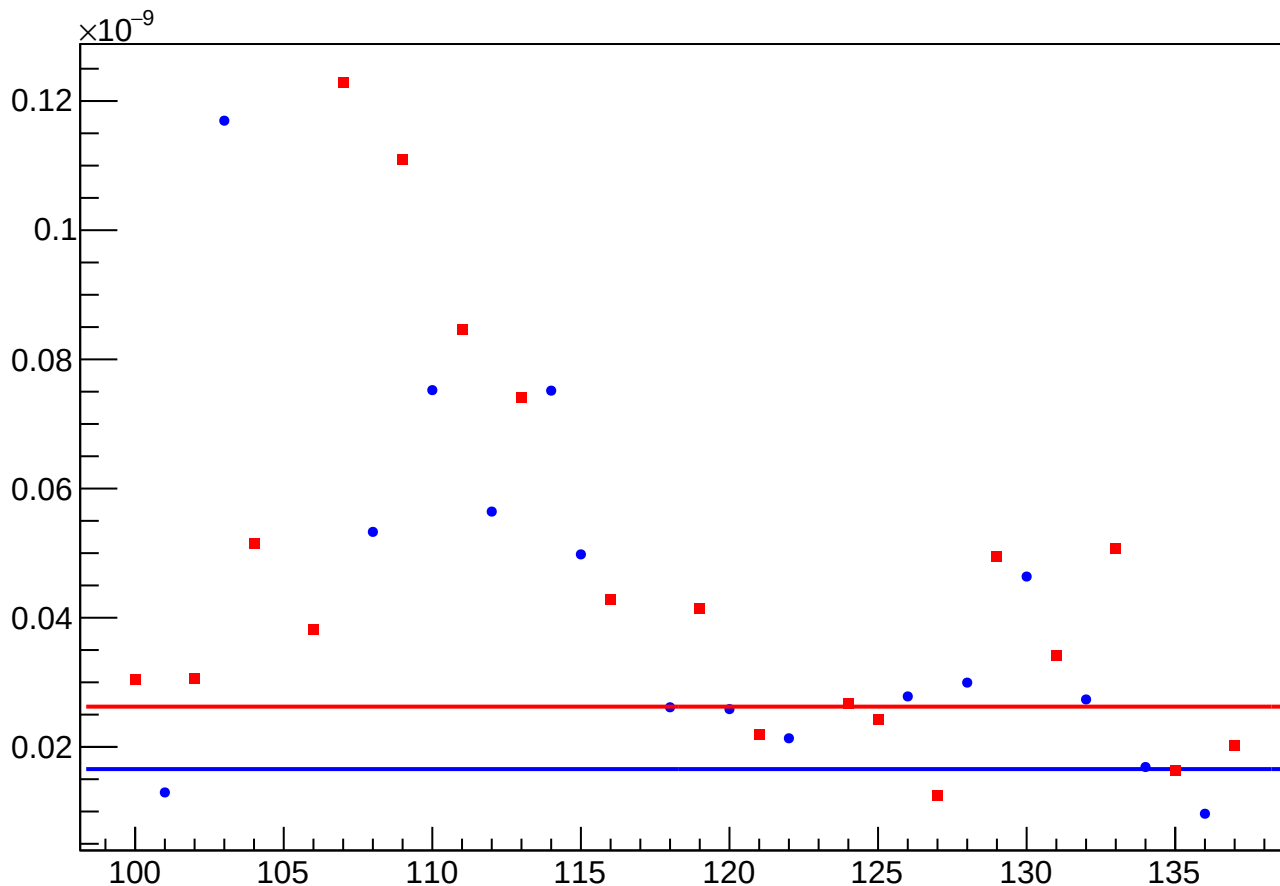
Right: -0.000+/-0.000 χ^2 /NDF: 61.4/34

In: -0.000+/-0.000 χ^2 /NDF:28.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 61.4/34

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2823424.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2346394.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

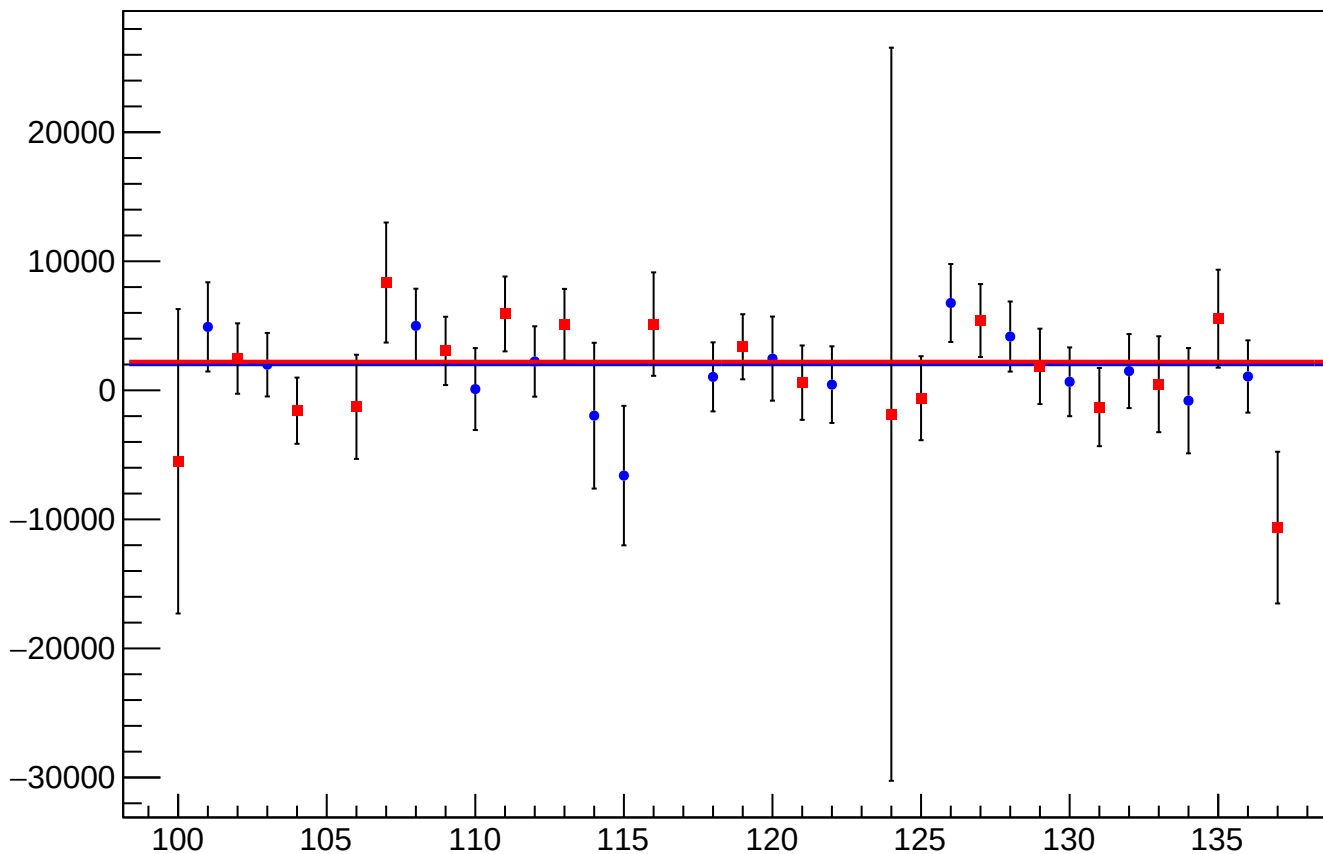
Right: 0.000+/-0.000 χ^2/NDF : 5786992.3/34

In: 0.000+/-0.000 χ^2/NDF : 2823424.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5786992.3/34

reg_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2022.690+/-764.357 χ^2/NDF : 9.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2217.261+/-756.139 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

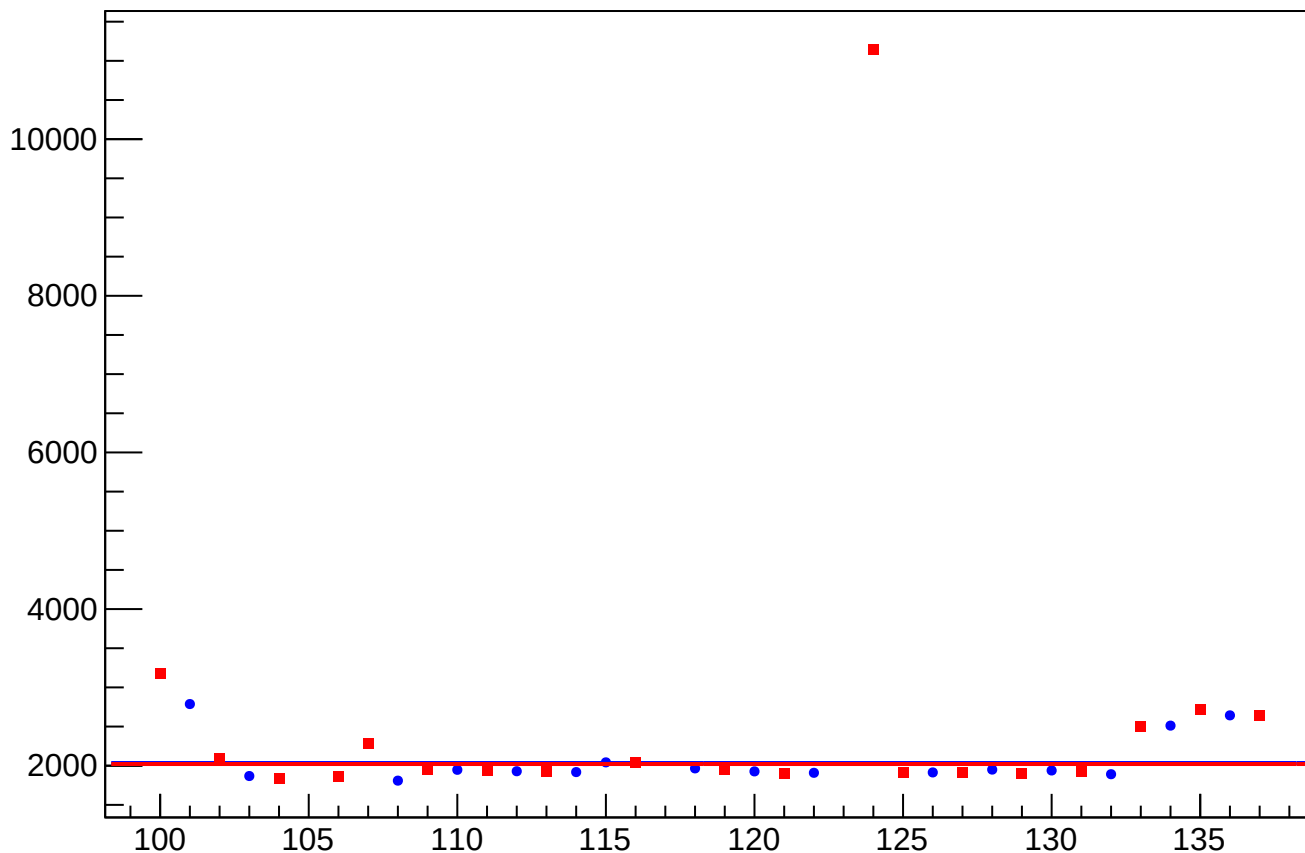
Right: 2121.027+/-537.553 χ^2/NDF : 27.8/34

In: 2022.690+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2121.027+/-537.553 χ^2/NDF : 27.8/34

reg_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.159+/-0.540 χ^2/NDF : 262960.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.545+/-0.535 χ^2/NDF : 390321.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

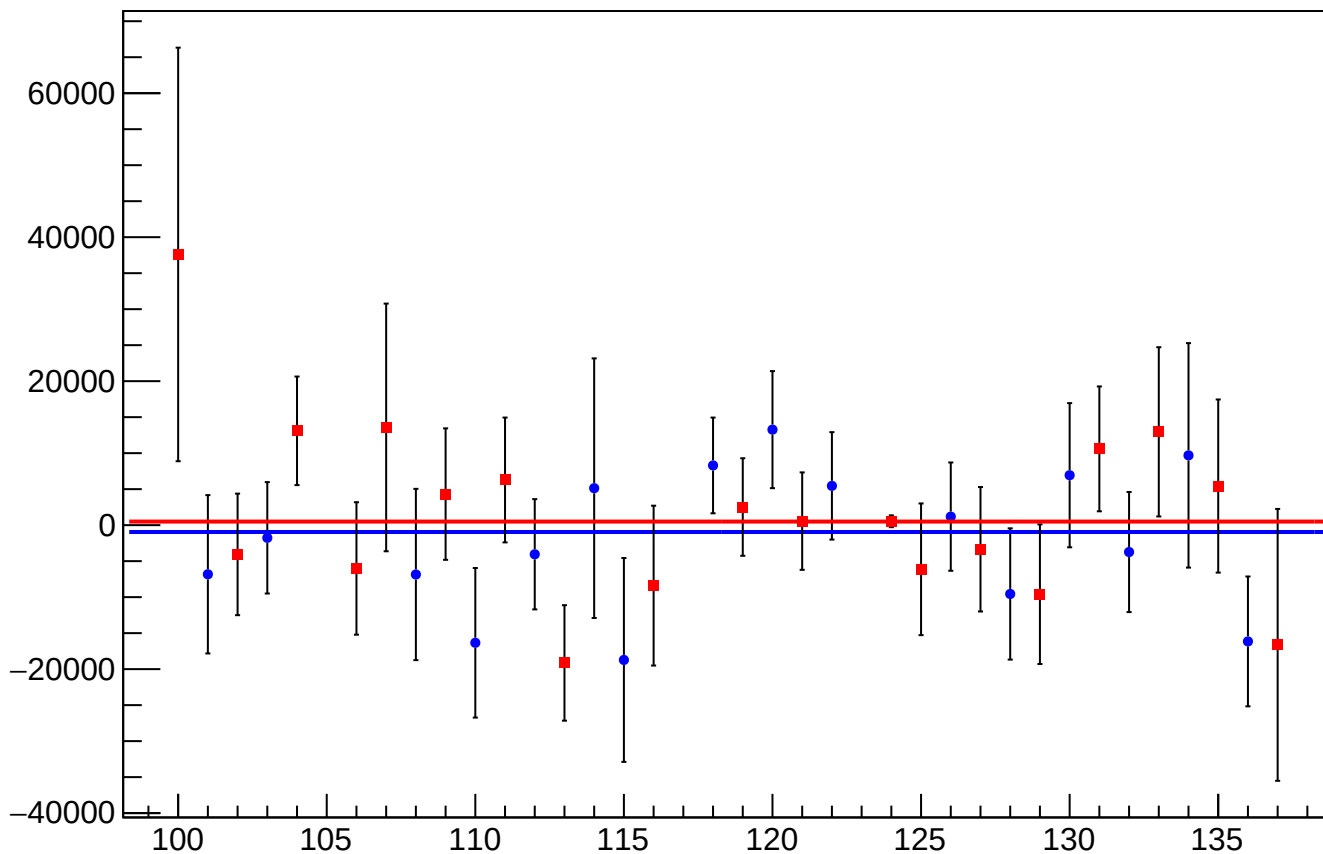
Right: 2027.784+/-0.380 χ^2/NDF : 653557.3/34

In: 2034.159+/-0.540 χ^2/NDF : 262960.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.784+/-0.380 χ^2/NDF : 653557.3/34

asym_atl2_reg_correction_mean vs Slug, Sign Corrected



Right In: -950.519+/-2278.532 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.346+/-768.286 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

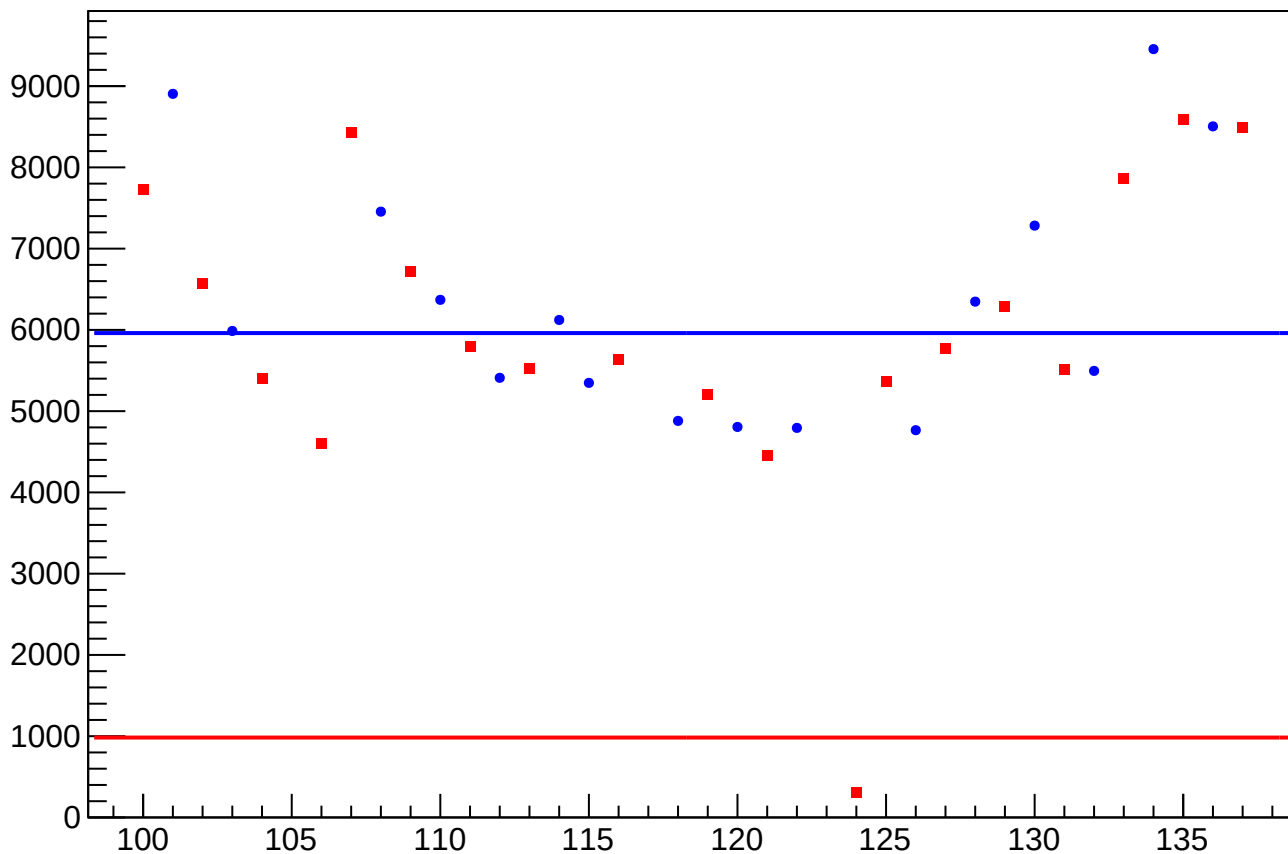
Right: 349.538+/-728.015 χ^2/NDF : 34.2/34

In: -950.519+/-2278.532 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.538+/-728.015 χ^2/NDF : 34.2/34

asym_atl2_reg_correction_rms vs Slug, Sign Corrected



Right In: 5960.802+/-1.611 χ^2/NDF : 689267.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 983.316+/-0.543 χ^2/NDF : 11416689.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

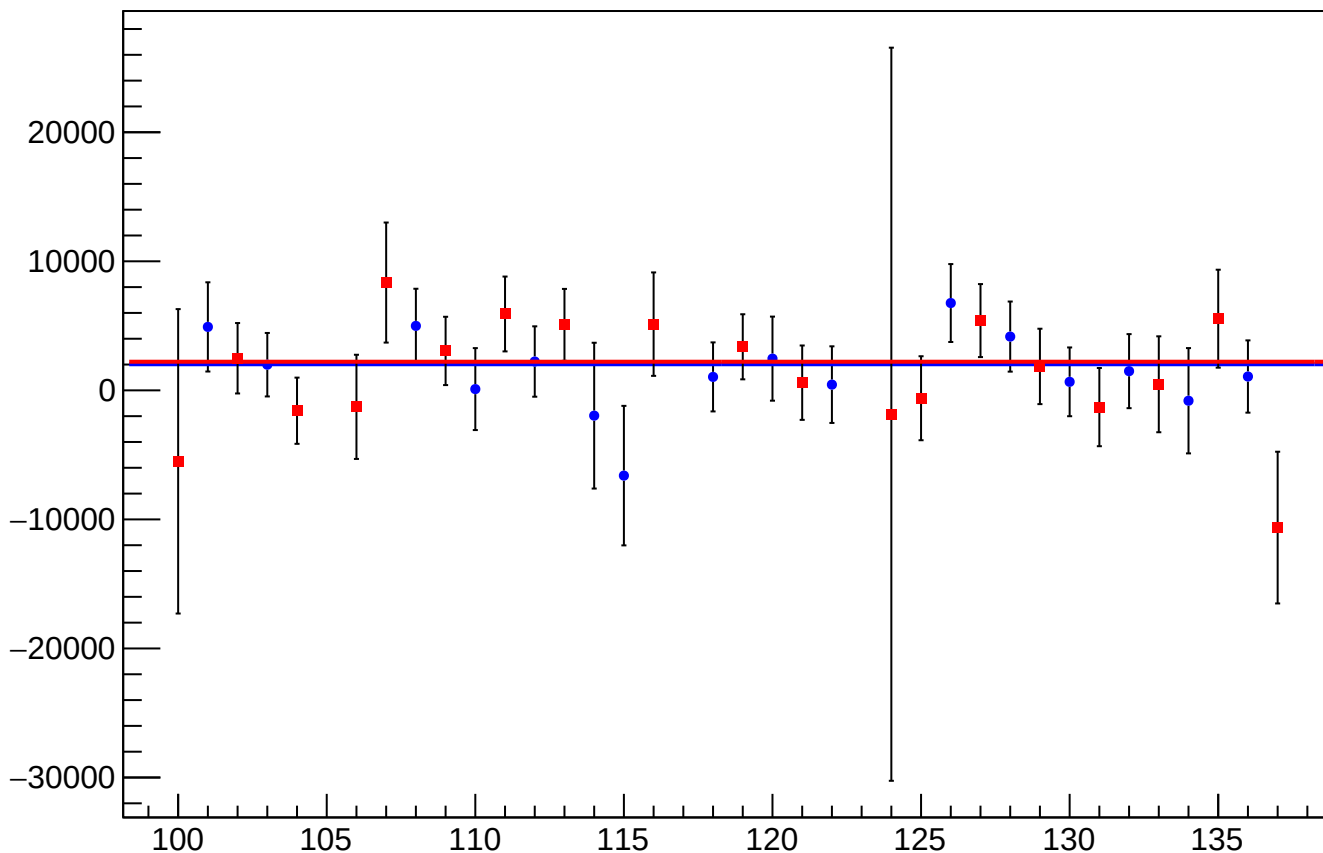
Right: 1491.453+/-0.515 χ^2/NDF : 20675824.3/34

In: 5960.802+/-1.611 χ^2/NDF : 689267.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.453+/-0.515 χ^2/NDF : 20675824.3/34

cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.099+/-756.147 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

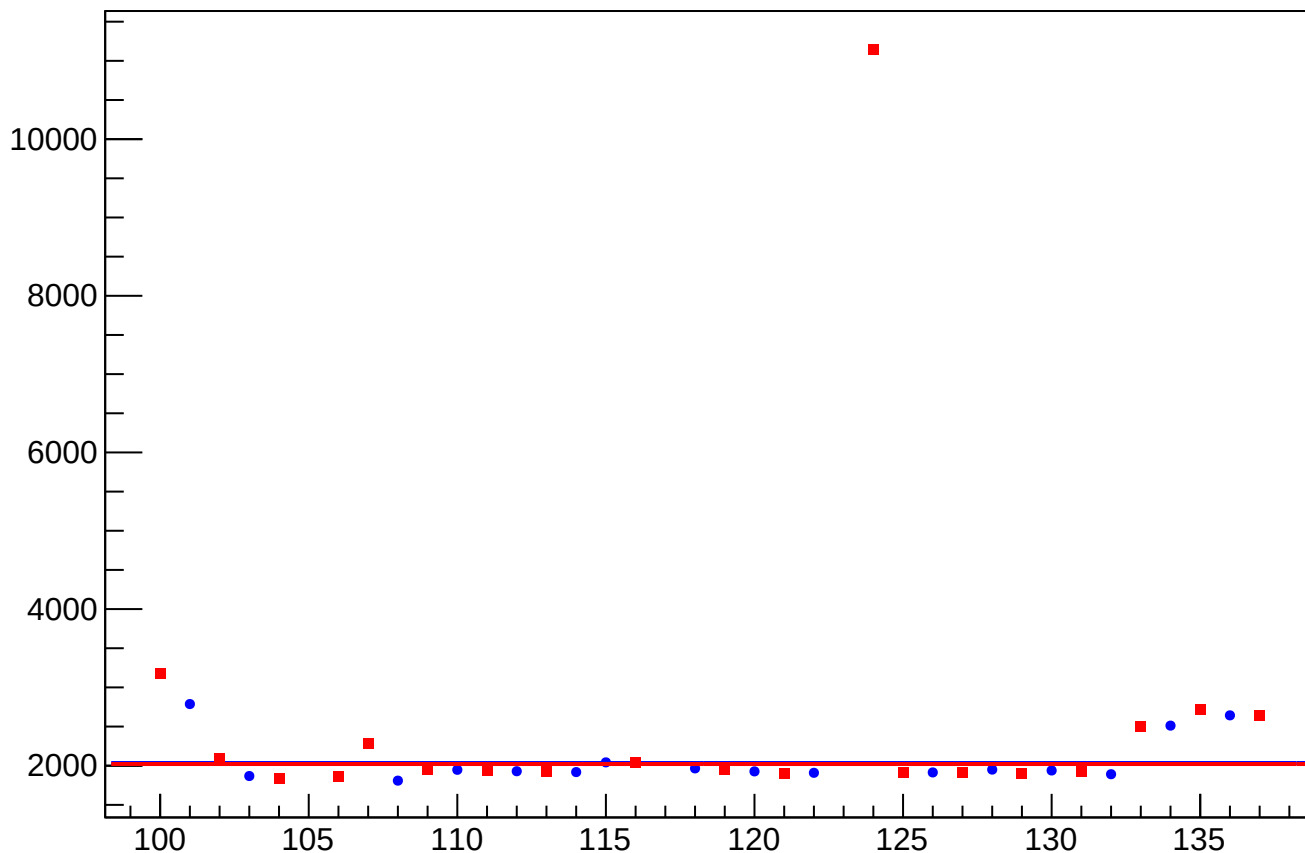
Right: 2122.018+/-537.556 χ^2/NDF : 27.8/34

In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2122.018+/-537.556 χ^2/NDF : 27.8/34

cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.566+/-0.535 χ^2/NDF : 390333.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

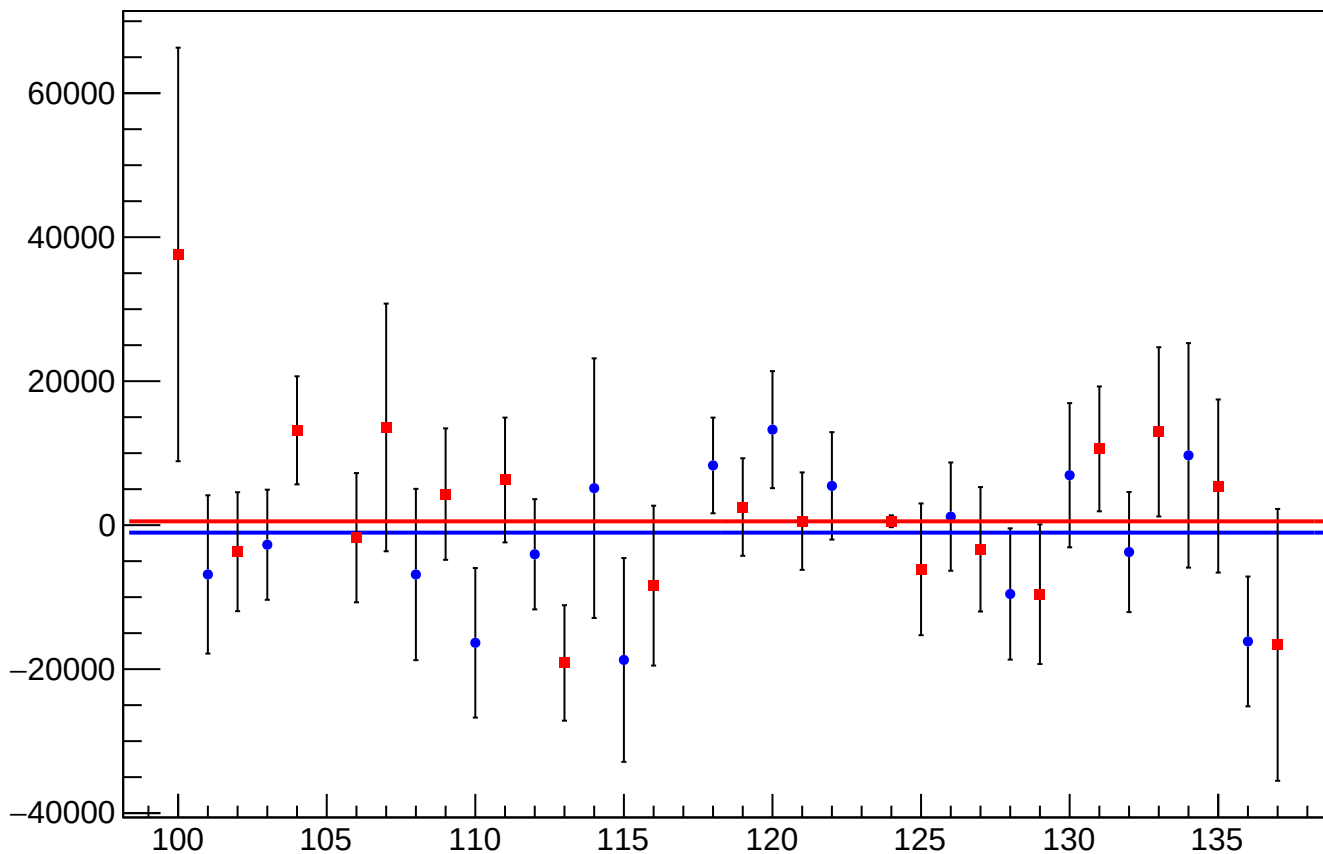
Right: 2027.795+/-0.380 χ^2/NDF : 653567.8/34

In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.795+/-0.380 χ^2/NDF : 653567.8/34

asym_atl2_cor_correction_mean vs Slug, Sign Corrected



Right In: -1037.942 $\pm$ 2276.180 χ^2 /NDF: 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 530.662 $\pm$ 767.947 χ^2 /NDF: 18.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

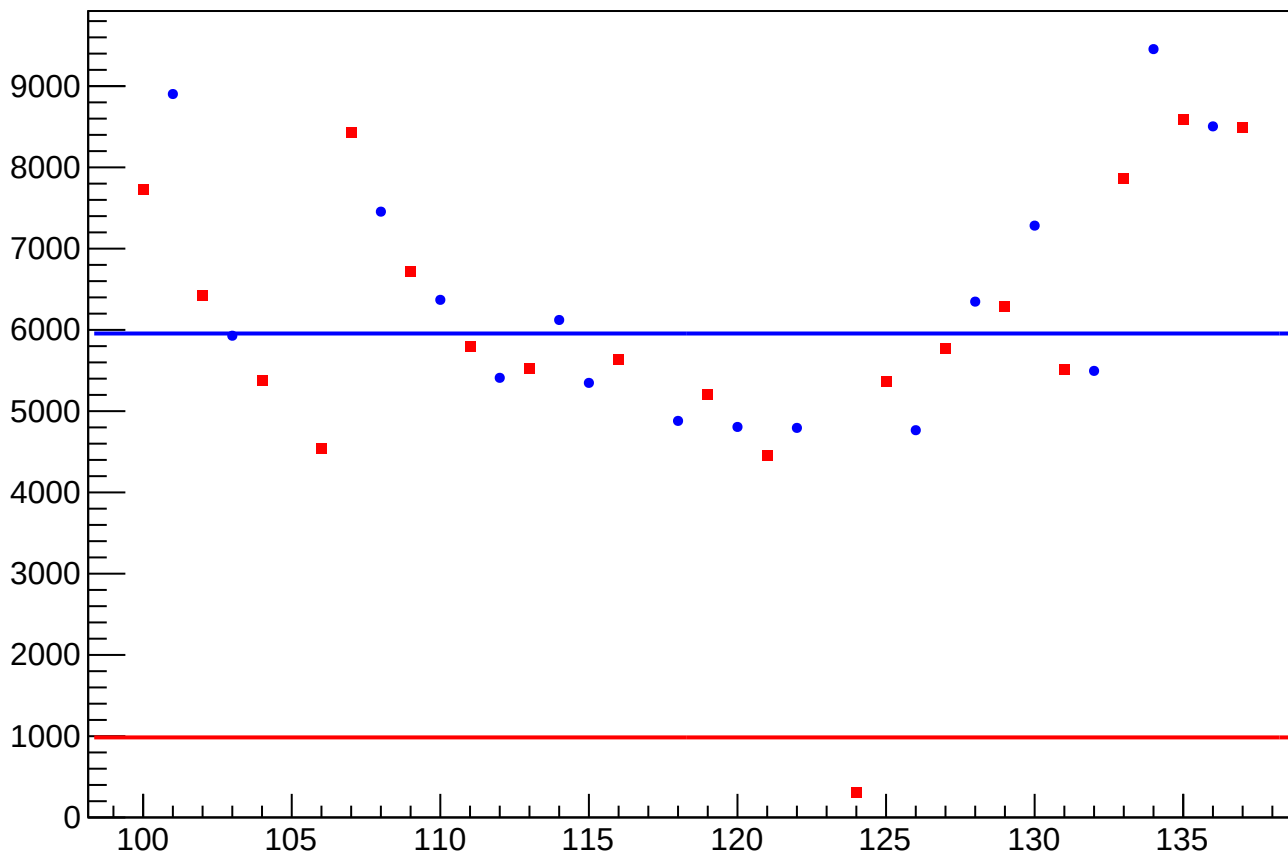
Right: 370.358 $\pm$ 727.649 χ^2 /NDF: 33.8/34

In: -1037.942 $\pm$ 2276.180 χ^2 /NDF:15.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 370.358 $\pm$ 727.649 χ^2 /NDF: 33.8/34

asym_atl2_cor_correction_rms vs Slug, Sign Corrected



Right In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.045+/-0.543 χ^2/NDF : 11412843.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

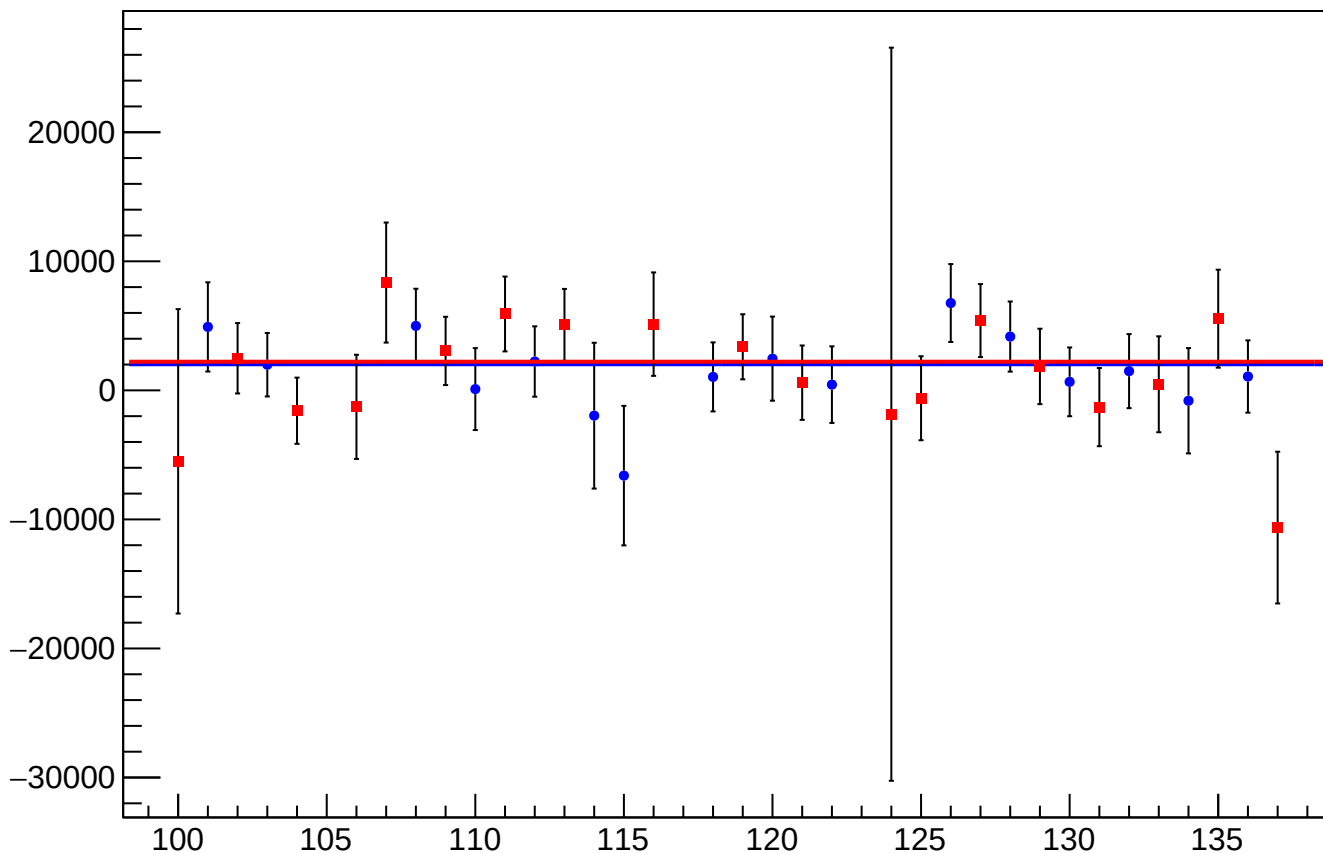
Right: 1493.016+/-0.515 χ^2/NDF : 20664769.2/34

In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.016+/-0.515 χ^2/NDF : 20664769.2/34

eigen_cor_asym_atl2_mean vs Slug, Sign Corrected



Right In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2219.099+/-756.147 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

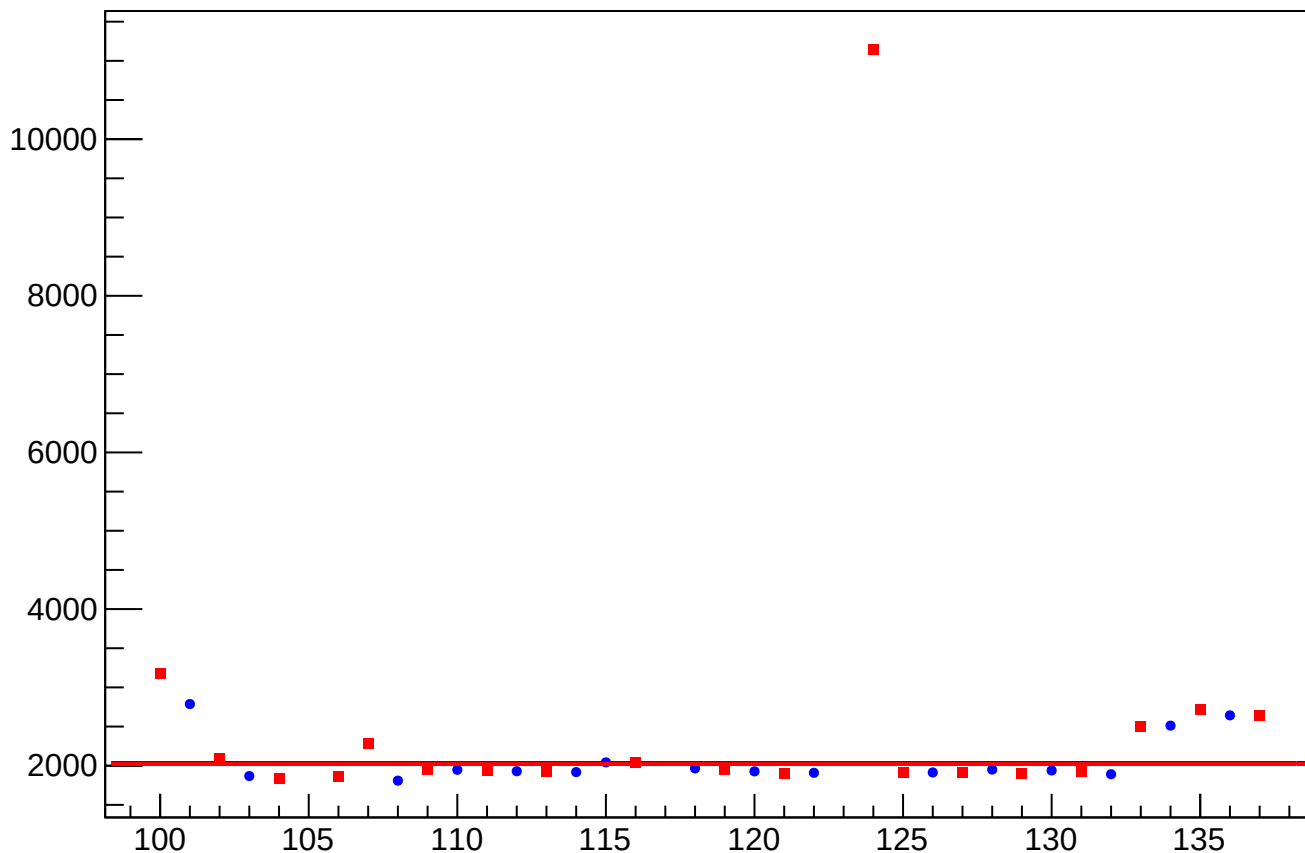
Right: 2122.018+/-537.556 χ^2/NDF : 27.8/34

In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2122.018+/-537.556 χ^2/NDF : 27.8/34

eigen_cor_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2021.566+/-0.535 χ^2/NDF : 390333.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

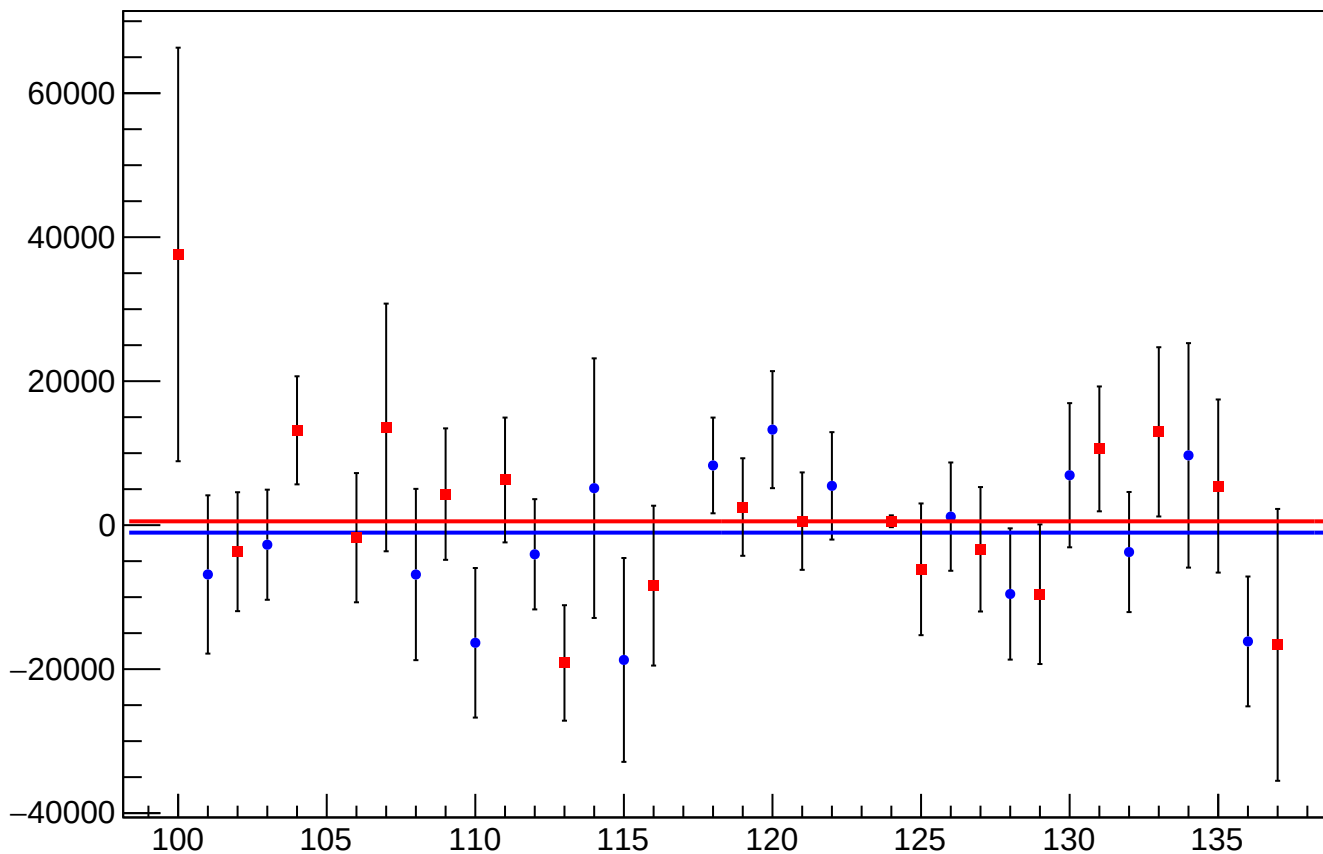
Right: 2027.795+/-0.380 χ^2/NDF : 653567.8/34

In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2027.795+/-0.380 χ^2/NDF : 653567.8/34

asym_atl2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1037.942 ± 2276.180 χ^2/NDF : 15.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 530.662 ± 767.947 χ^2/NDF : 18.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

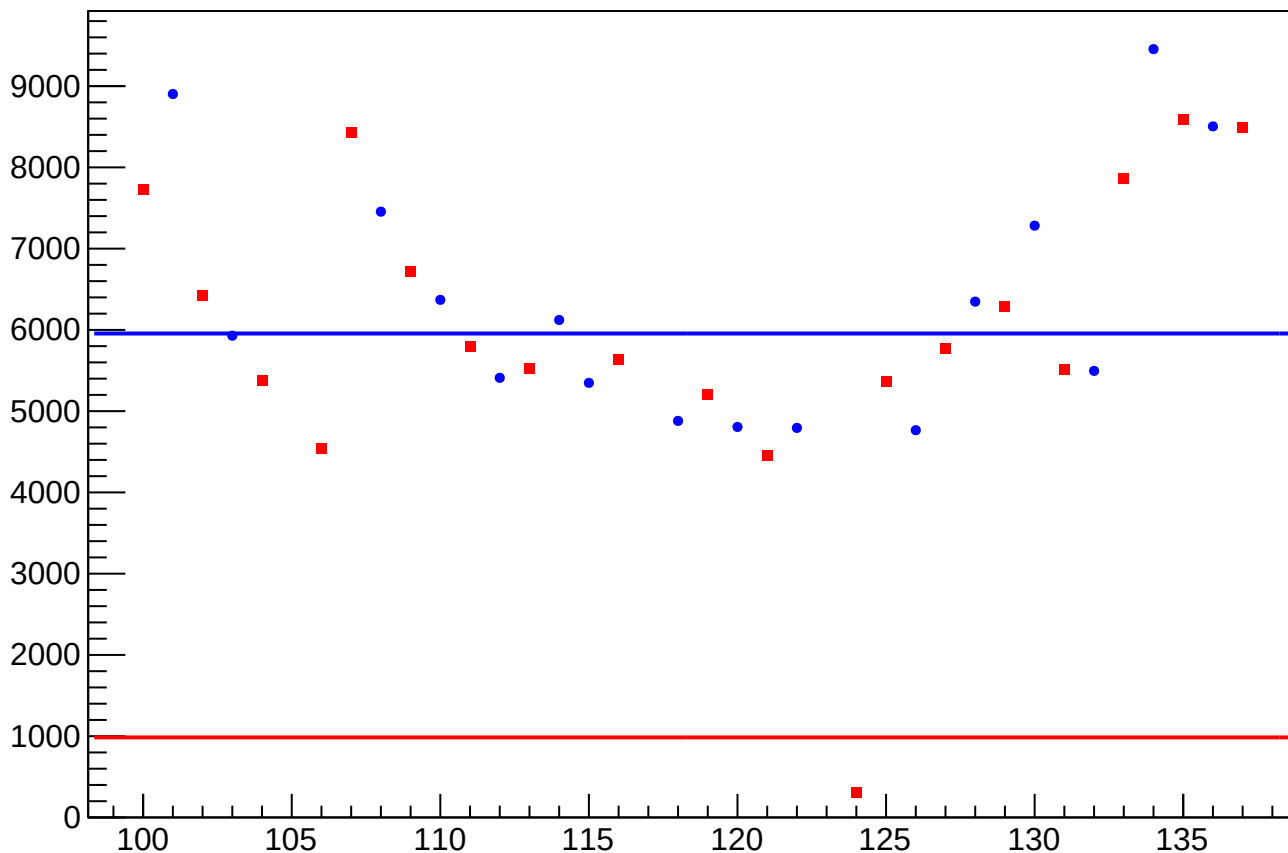
Right: 370.358 ± 727.649 χ^2/NDF : 33.8/34

In: -1037.942 ± 2276.180 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 370.358 ± 727.649 χ^2/NDF : 33.8/34

asym_atl2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 985.045+/-0.543 χ^2/NDF : 11412843.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

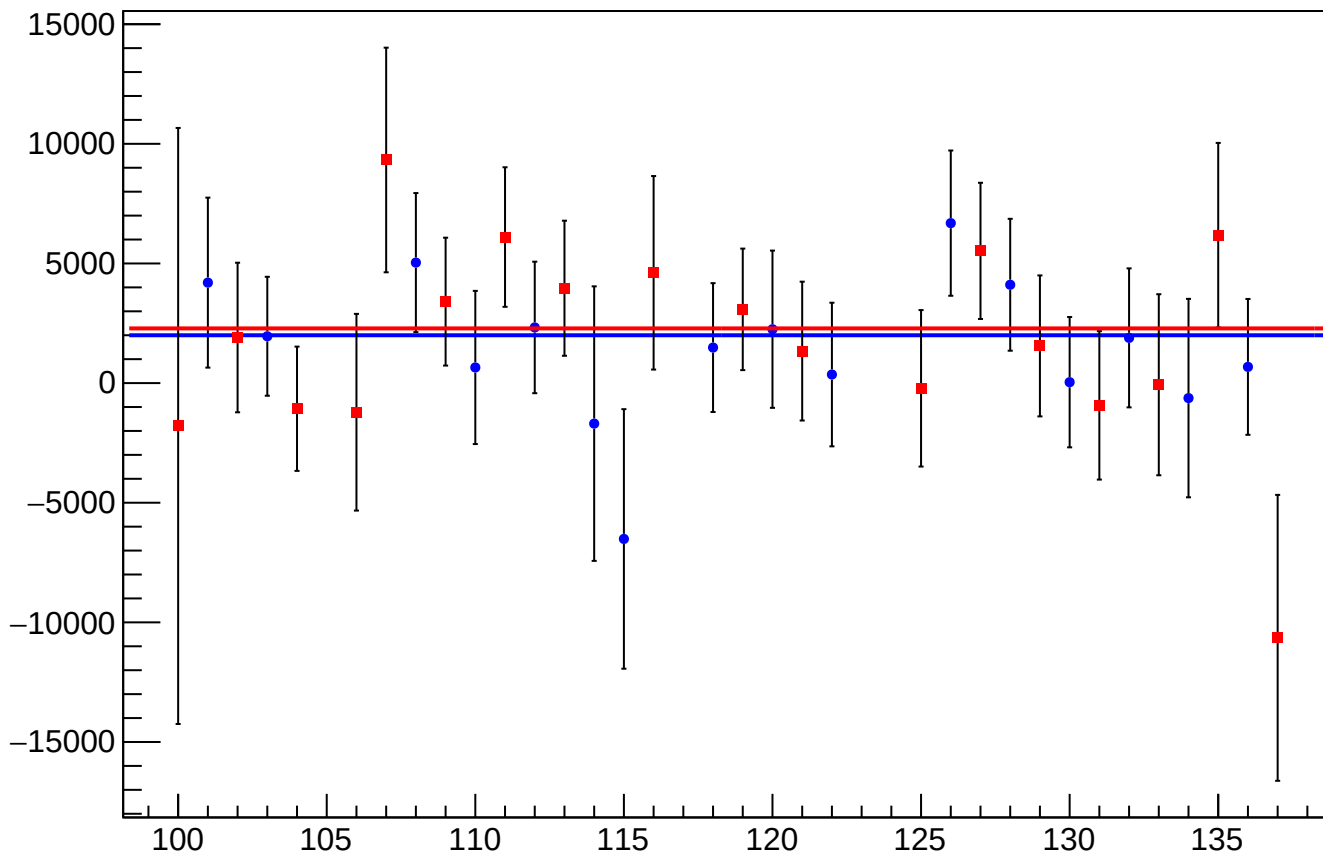
Right: 1493.016+/-0.515 χ^2/NDF : 20664769.2/34

In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1493.016+/-0.515 χ^2/NDF : 20664769.2/34

dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1999.214+/-773.538 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.899+/-771.299 χ^2/NDF : 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

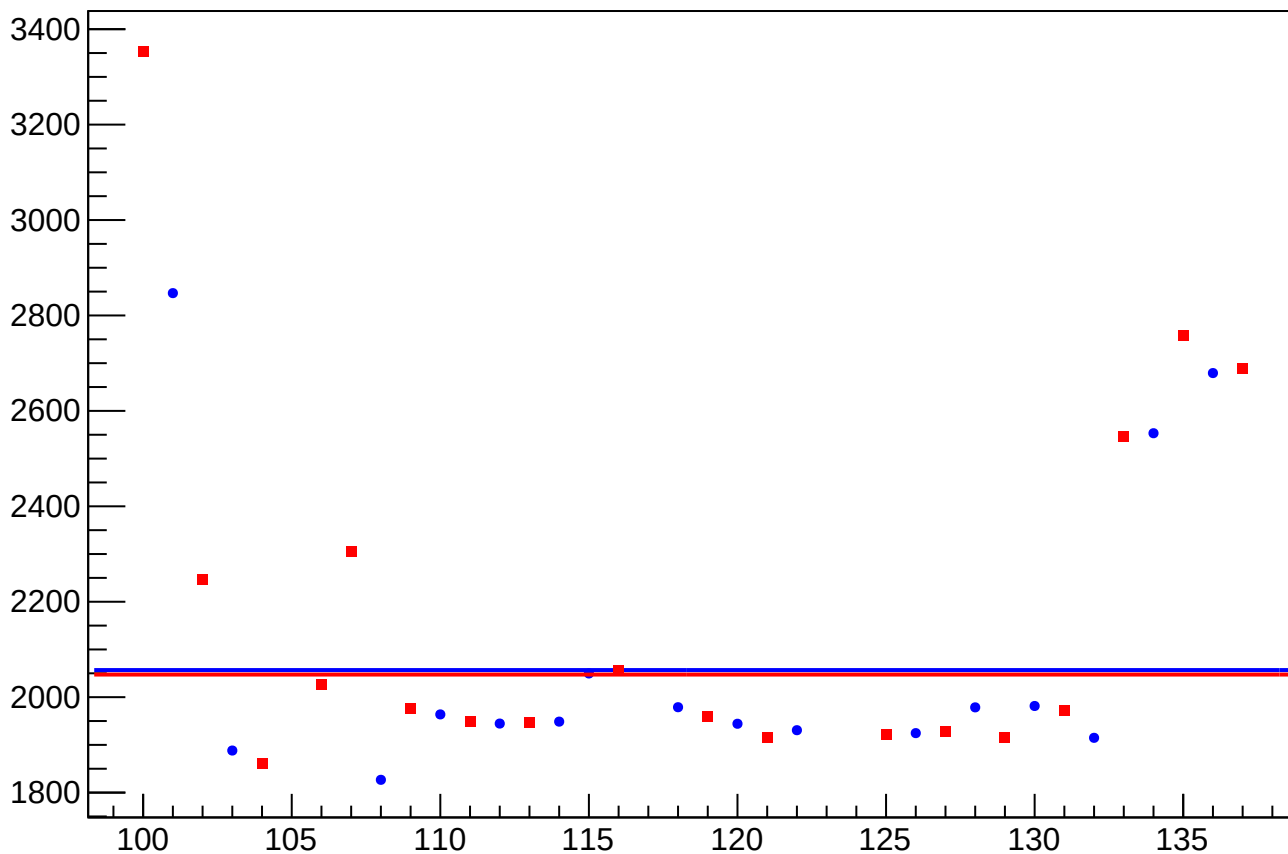
Right: 2142.972+/-546.180 χ^2/NDF : 25.7/33

In: 1999.214+/-773.538 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2142.972+/-546.180 χ^2/NDF : 25.7/33

dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.400+/-0.545 χ^2/NDF : 196523.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

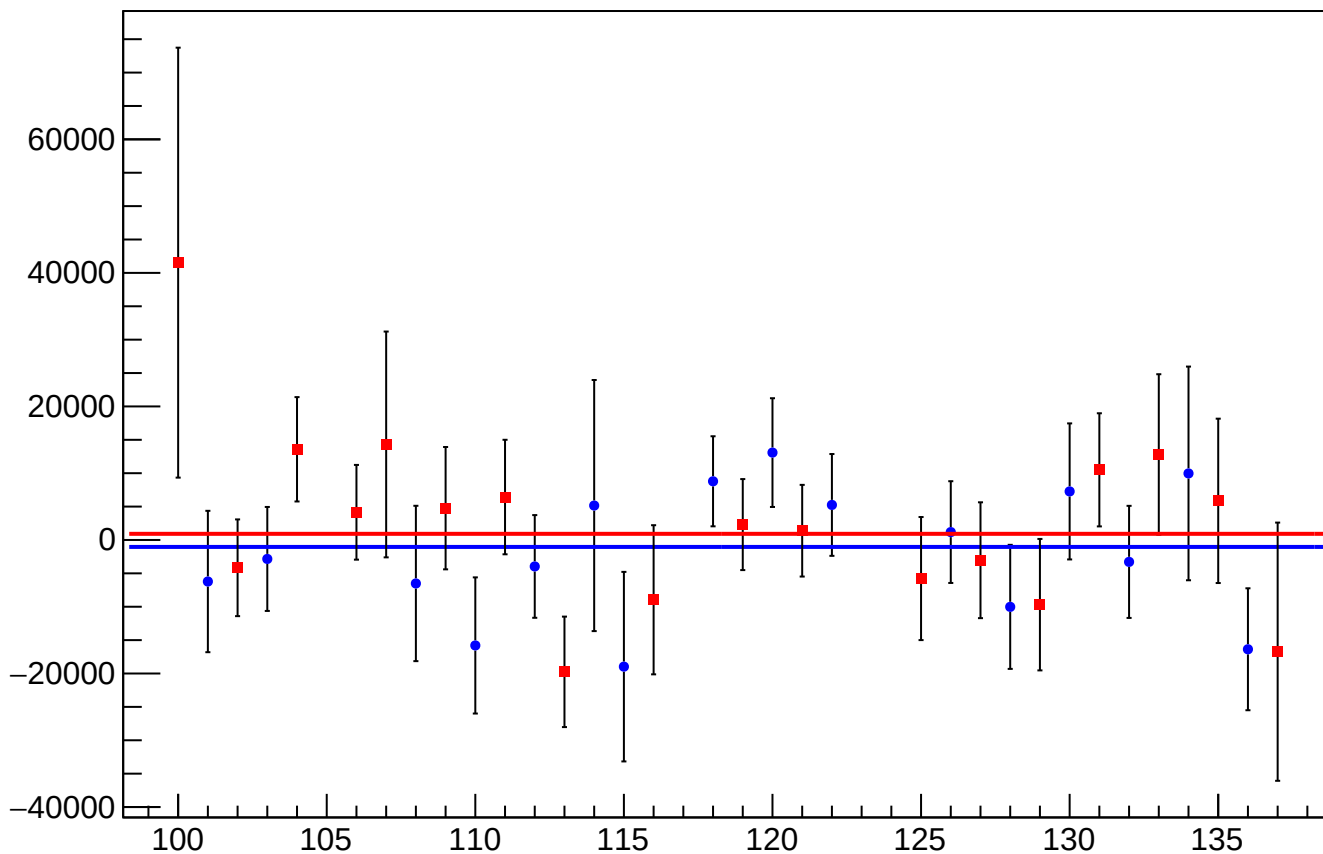
Right: 2052.077+/-0.386 χ^2/NDF : 467125.7/33

In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.077+/-0.386 χ^2/NDF : 467125.7/33

asym_atl2_dit_correction_mean vs Slug, Sign Corrected



Right In: -1042.515 ± 2294.607 χ^2/NDF : 15.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 919.663 ± 2150.895 χ^2/NDF : 18.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

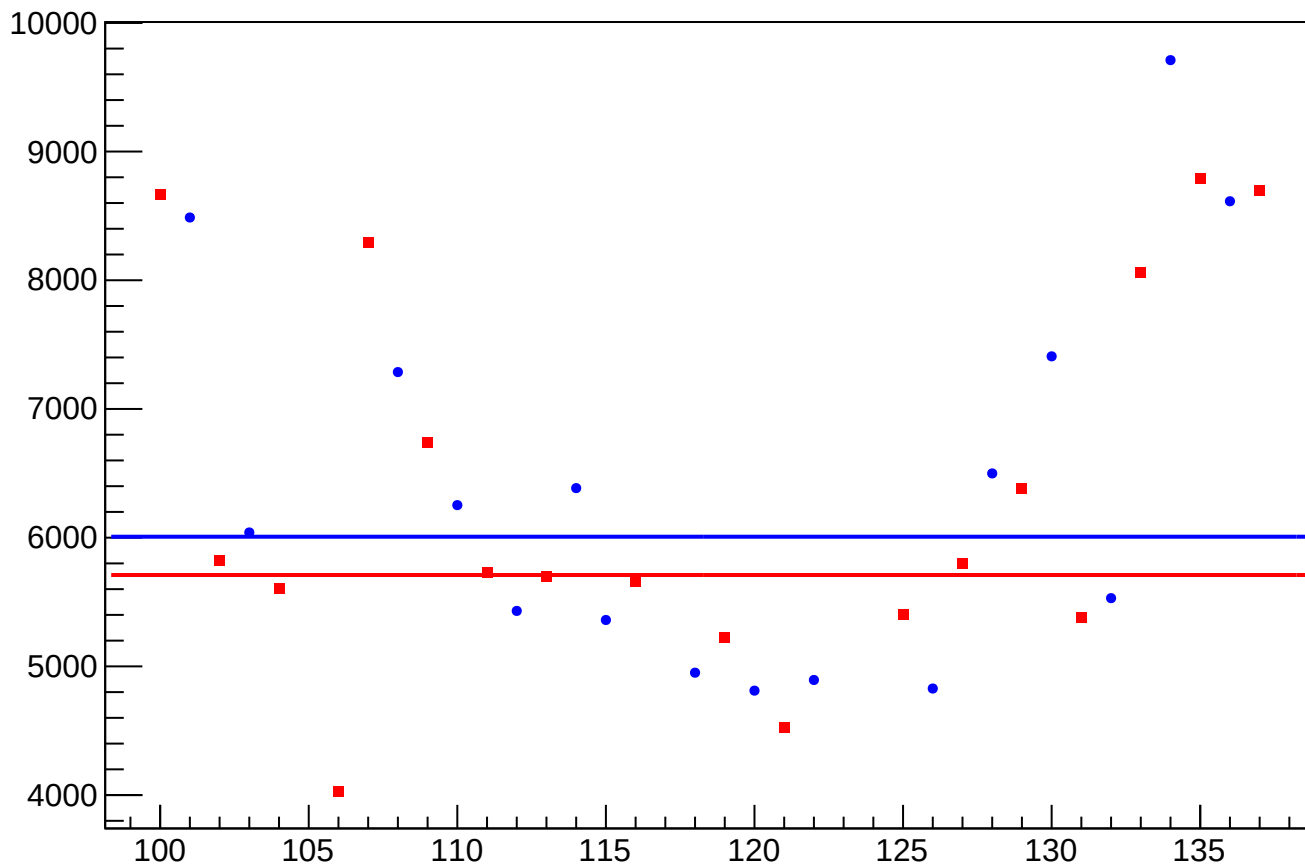
Right: 1.940 ± 1569.260 χ^2/NDF : 34.1/33

In: -1042.515 ± 2294.607 χ^2/NDF : 15.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.940 ± 1569.260 χ^2/NDF : 34.1/33

asym_atl2_dit_correction_rms vs Slug, Sign Corrected



Right In: 6007.425+/-1.623 χ^2/NDF : 653996.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5709.903+/-1.521 χ^2/NDF : 535926.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

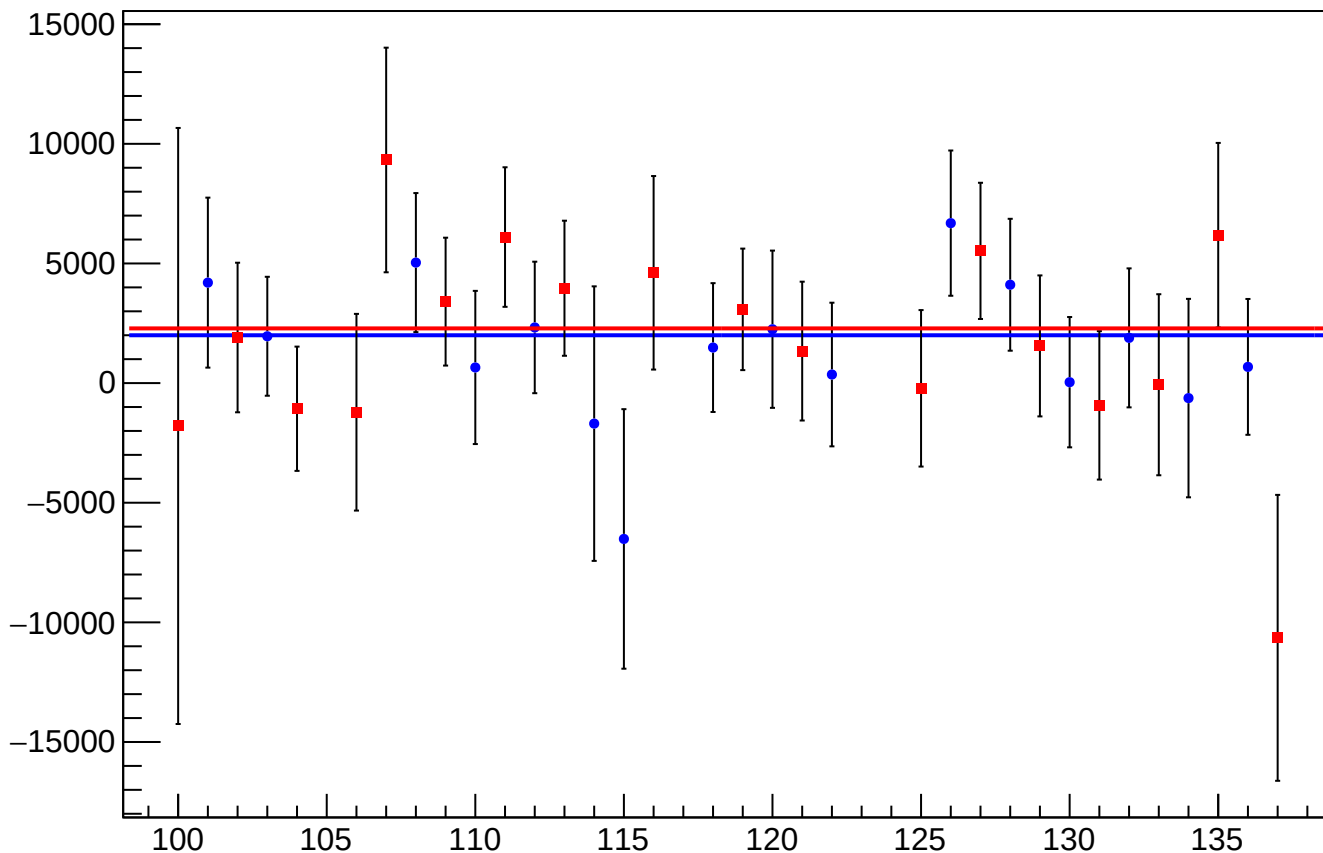
Right: 5849.056+/-1.110 χ^2/NDF : 1207820.8/33

In: 6007.425+/-1.623 χ^2/NDF : 653996.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5849.056+/-1.110 χ^2/NDF : 1207820.8/33

eigen_dit_asym_atl2_mean vs Slug, Sign Corrected



Right In: 1999.218+/-773.538 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.903+/-771.299 χ^2/NDF : 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

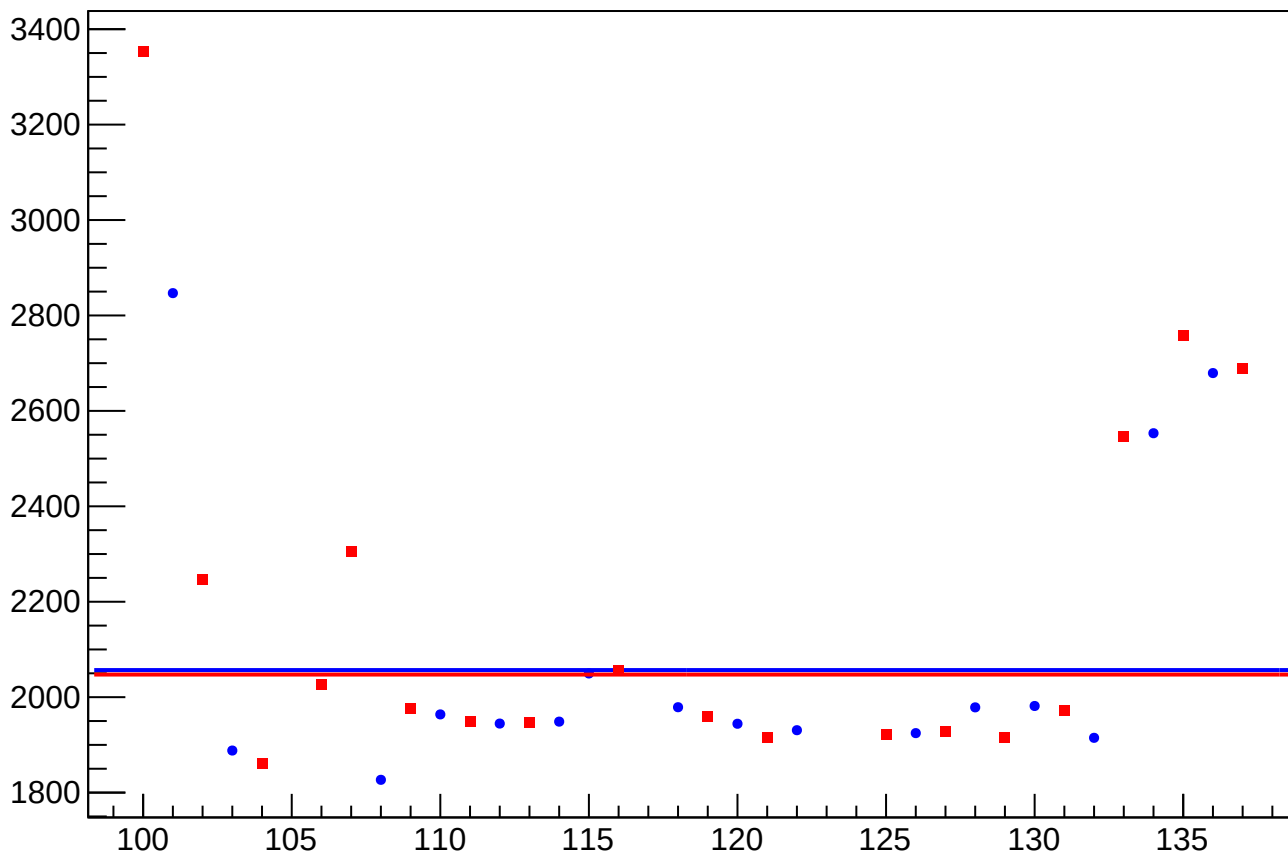
Right: 2142.976+/-546.180 χ^2/NDF : 25.7/33

In: 1999.218+/-773.538 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2142.976+/-546.180 χ^2/NDF : 25.7/33

eigen_dit_asym_atl2_rms vs Slug, Sign Corrected



Right In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.400+/-0.545 χ^2/NDF : 196523.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

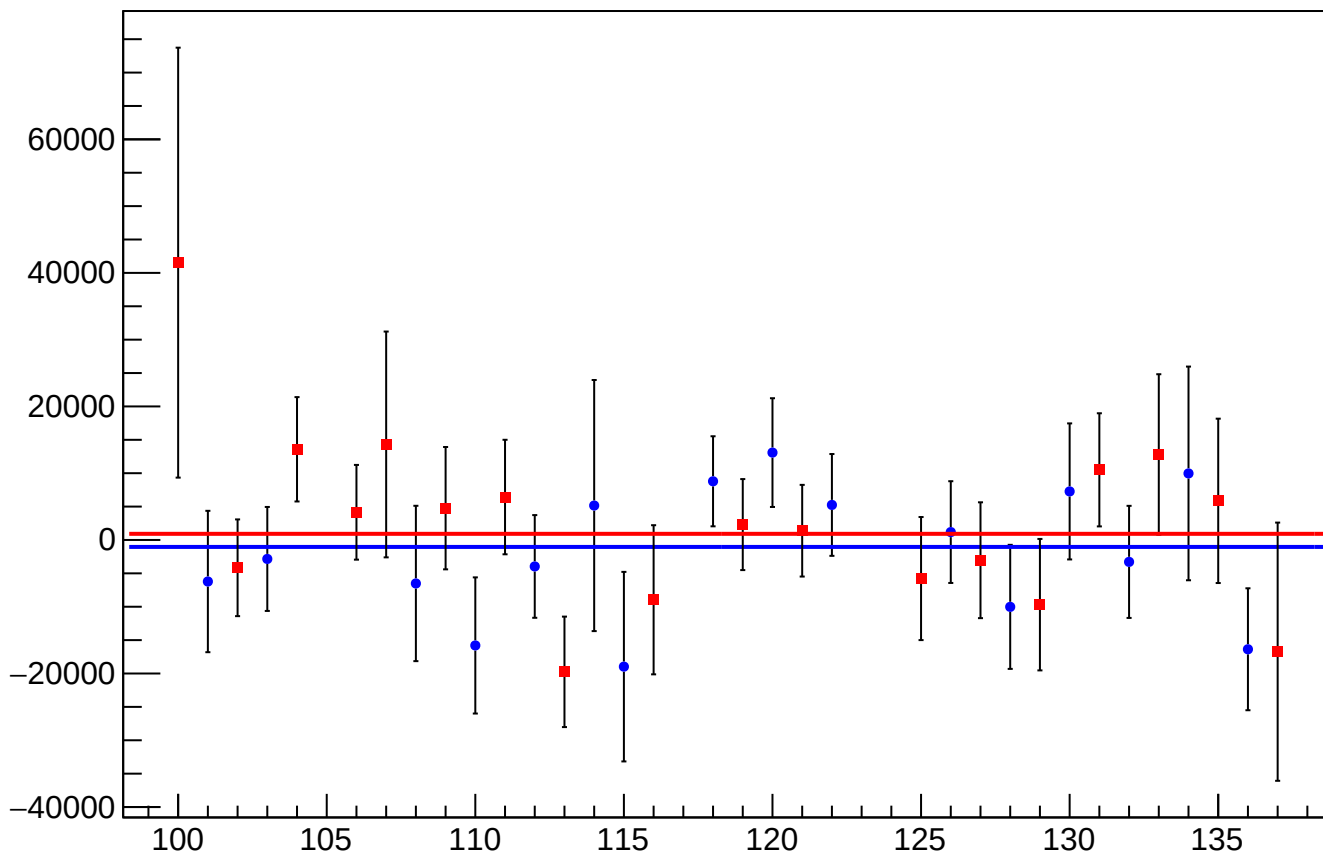
Right: 2052.077+/-0.386 χ^2/NDF : 467125.9/33

In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2052.077+/-0.386 χ^2/NDF : 467125.9/33

asym_atl2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1042.503 ± 2294.600 χ^2/NDF : 15.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 919.667 ± 2150.889 χ^2/NDF : 18.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

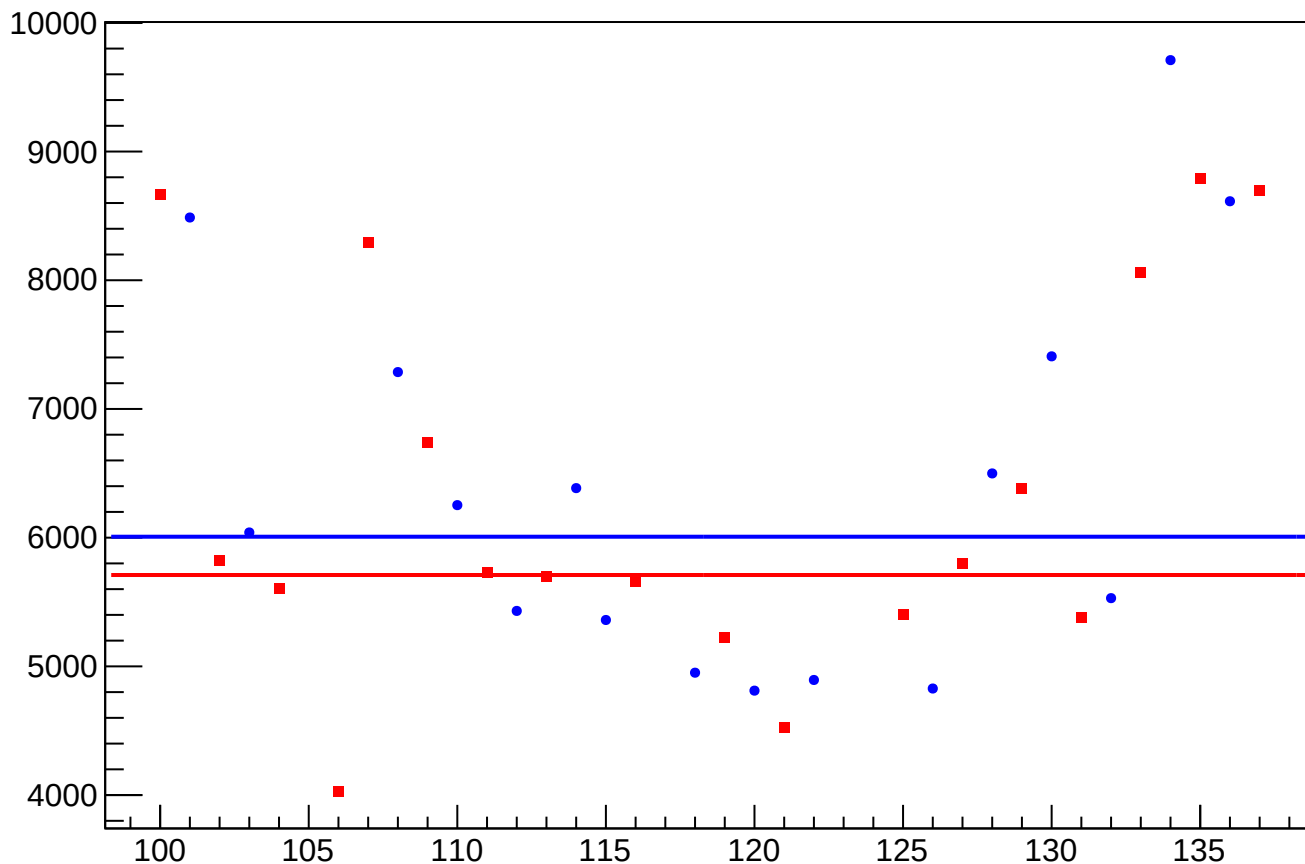
Right: 1.948 ± 1569.255 χ^2/NDF : 34.1/33

In: -1042.503 ± 2294.600 χ^2/NDF : 15.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.948 ± 1569.255 χ^2/NDF : 34.1/33

asym_atl2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6007.405+/-1.623 χ^2/NDF : 654004.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5709.885+/-1.521 χ^2/NDF : 535929.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

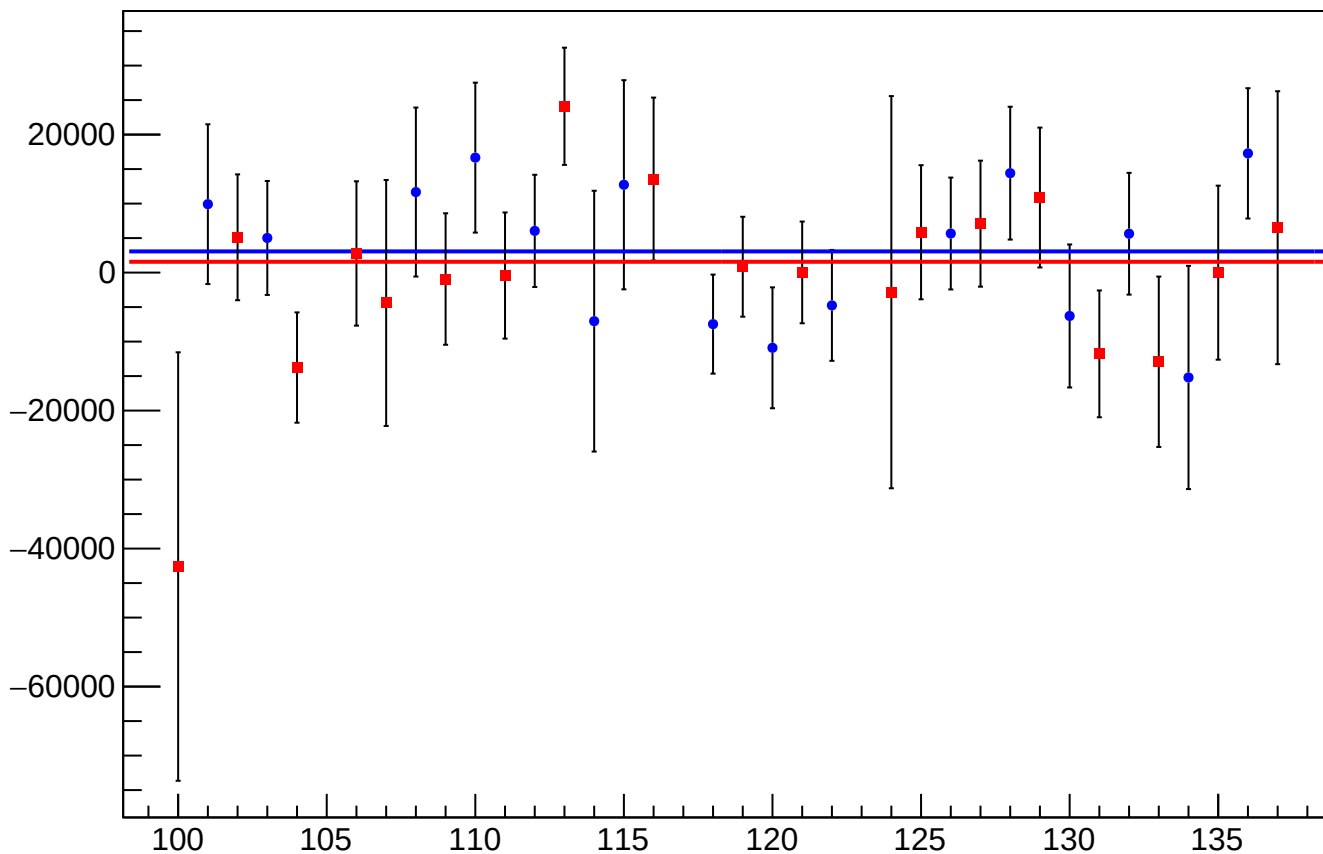
Right: 5849.037+/-1.110 χ^2/NDF : 1207832.6/33

In: 6007.405+/-1.623 χ^2/NDF : 654004.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5849.037+/-1.110 χ^2/NDF : 1207832.6/33

asym_atl2_mean vs Slug, Sign Corrected



Right In: 3070.293+/-2420.721 χ^2/NDF : 14.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1567.088+/-2335.884 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

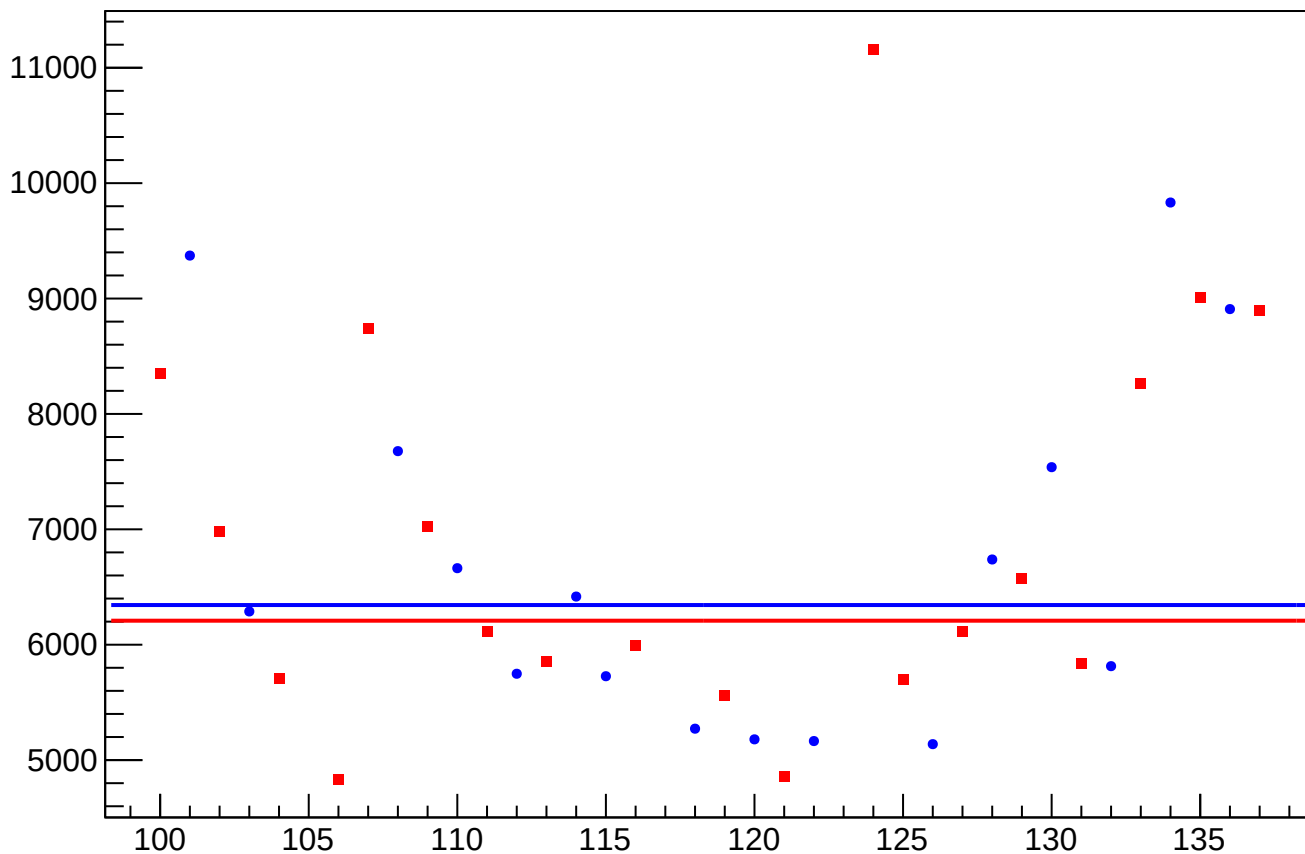
Right: 2291.888+/-1680.911 χ^2/NDF : 34.3/34

In: 3070.293+/-2420.721 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2291.888+/-1680.911 χ^2/NDF : 34.3/34

asym_atl2_rms vs Slug, Sign Corrected



Right In: 6343.796+/-1.712 χ^2/NDF : 621240.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6208.099+/-1.652 χ^2/NDF : 471840.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

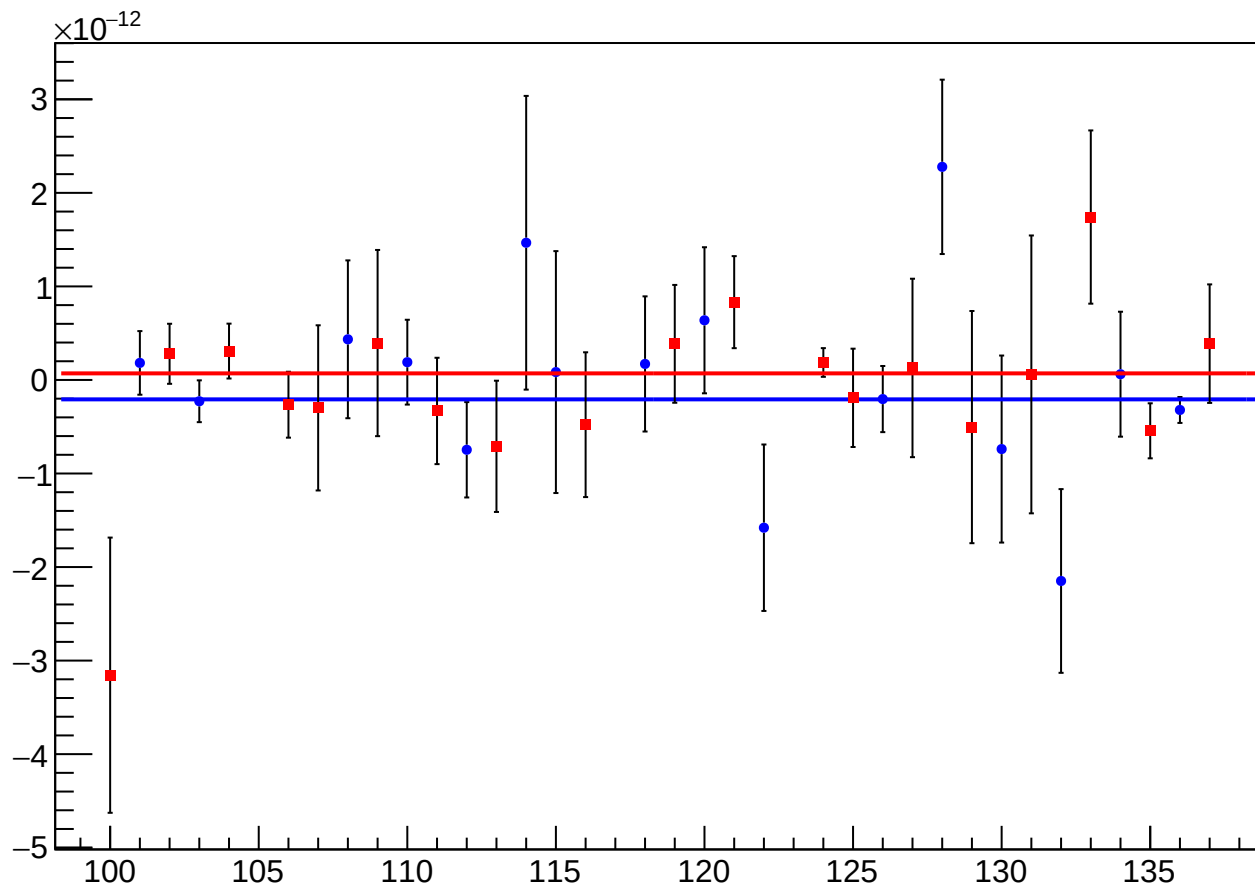
Right: 6273.528+/-1.189 χ^2/NDF : 1096335.5/34

In: 6343.796+/-1.712 χ^2/NDF : 621240.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6273.528+/-1.189 χ^2/NDF : 1096335.5/34

asym_atl2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

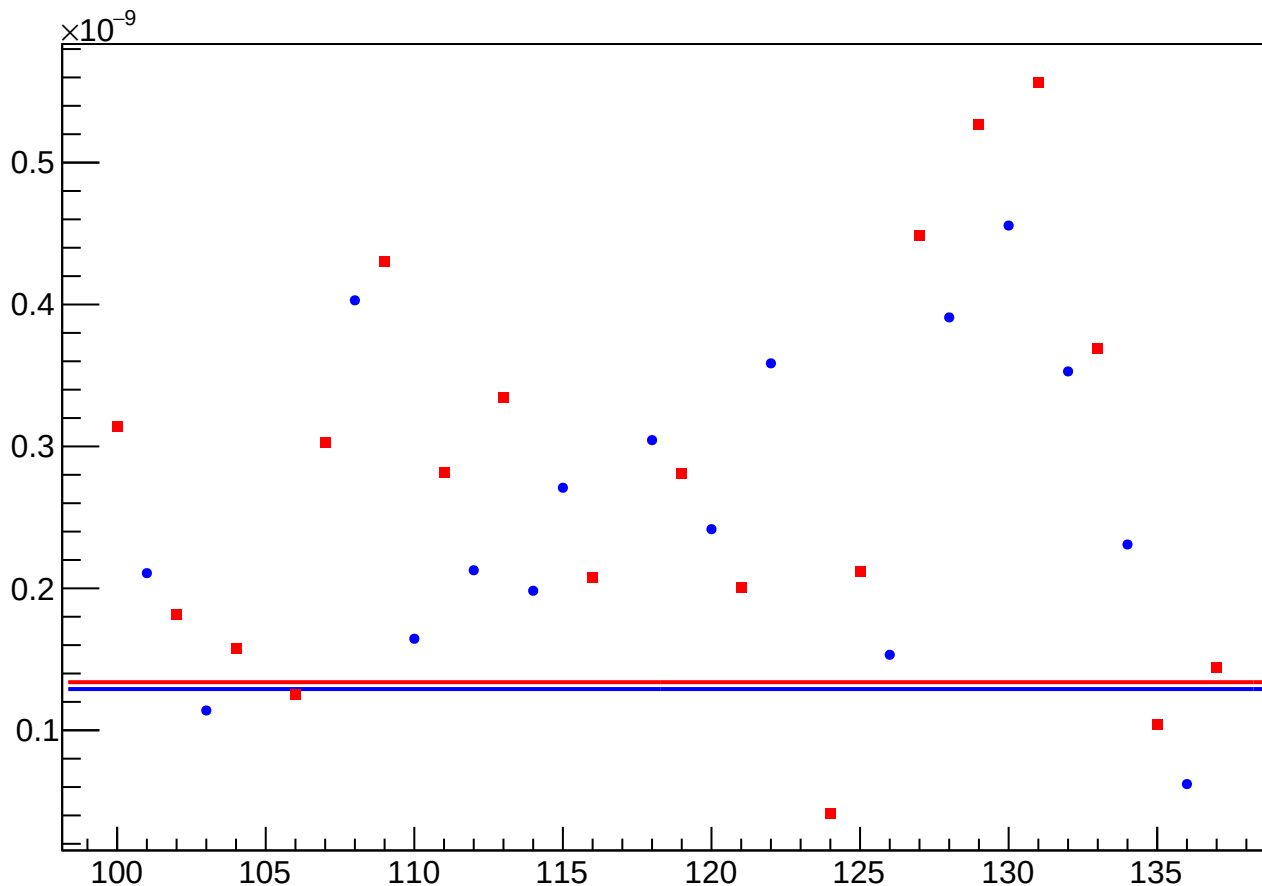
Right: -0.000+/-0.000 χ^2/NDF : 46.0/34

In: -0.000+/-0.000 χ^2/NDF : 20.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.0/34

asym_atl2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1720321.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2304489.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

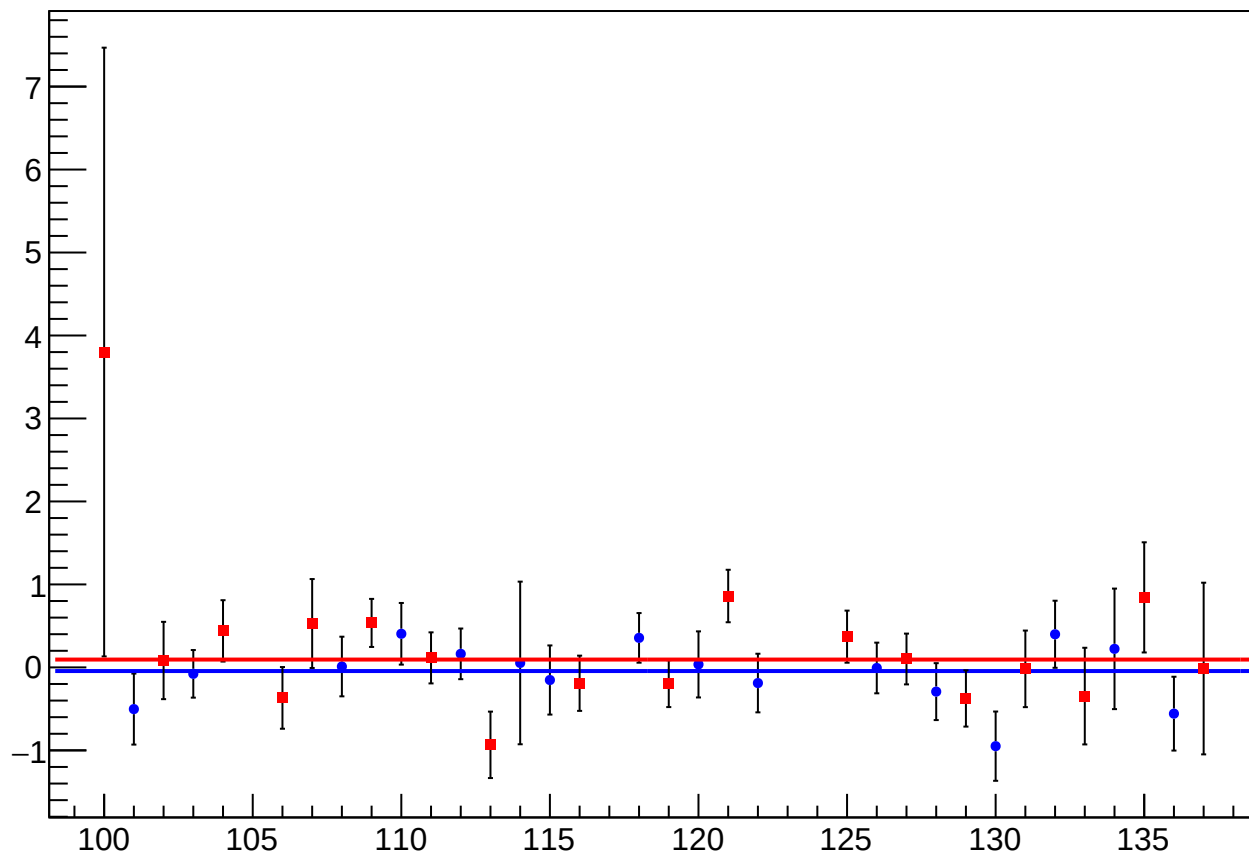
Right: 0.000+/-0.000 χ^2/NDF : 4027379.9/34

In: 0.000+/-0.000 χ^2/NDF : 1720321.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4027379.9/34

asym_atl2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.094 χ^2/NDF : 13.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.094 ± 0.090 χ^2/NDF : 25.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

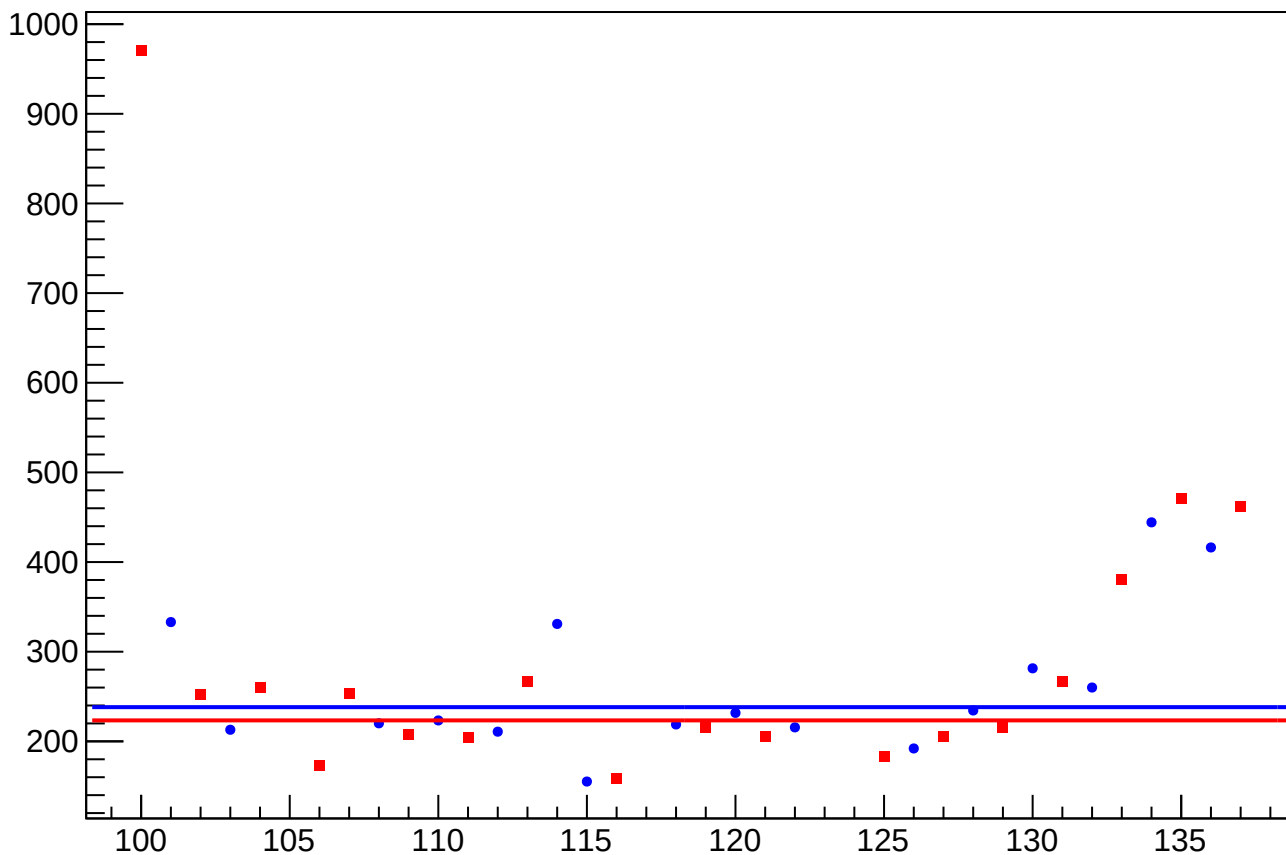
Right: 0.028 ± 0.065 χ^2/NDF : 39.5/33

In: -0.044 ± 0.094 χ^2/NDF : 13.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.065 χ^2/NDF : 39.5/33

asym_atl2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.388+/-0.064 χ^2/NDF : 862425.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

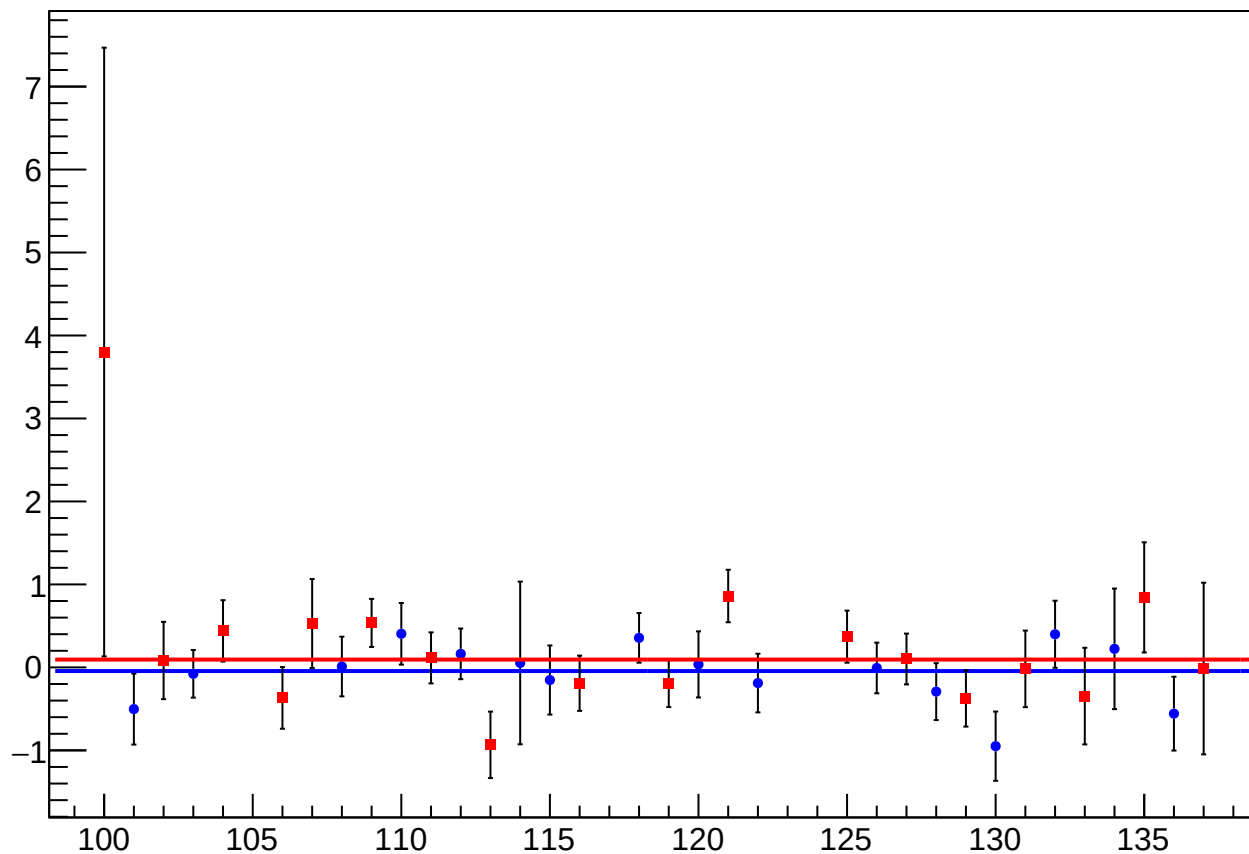
Right: 230.474+/-0.046 χ^2/NDF : 1695464.7/33

In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.474+/-0.046 χ^2/NDF : 1695464.7/33

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.094 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.094+/-0.090 χ^2/NDF : 25.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

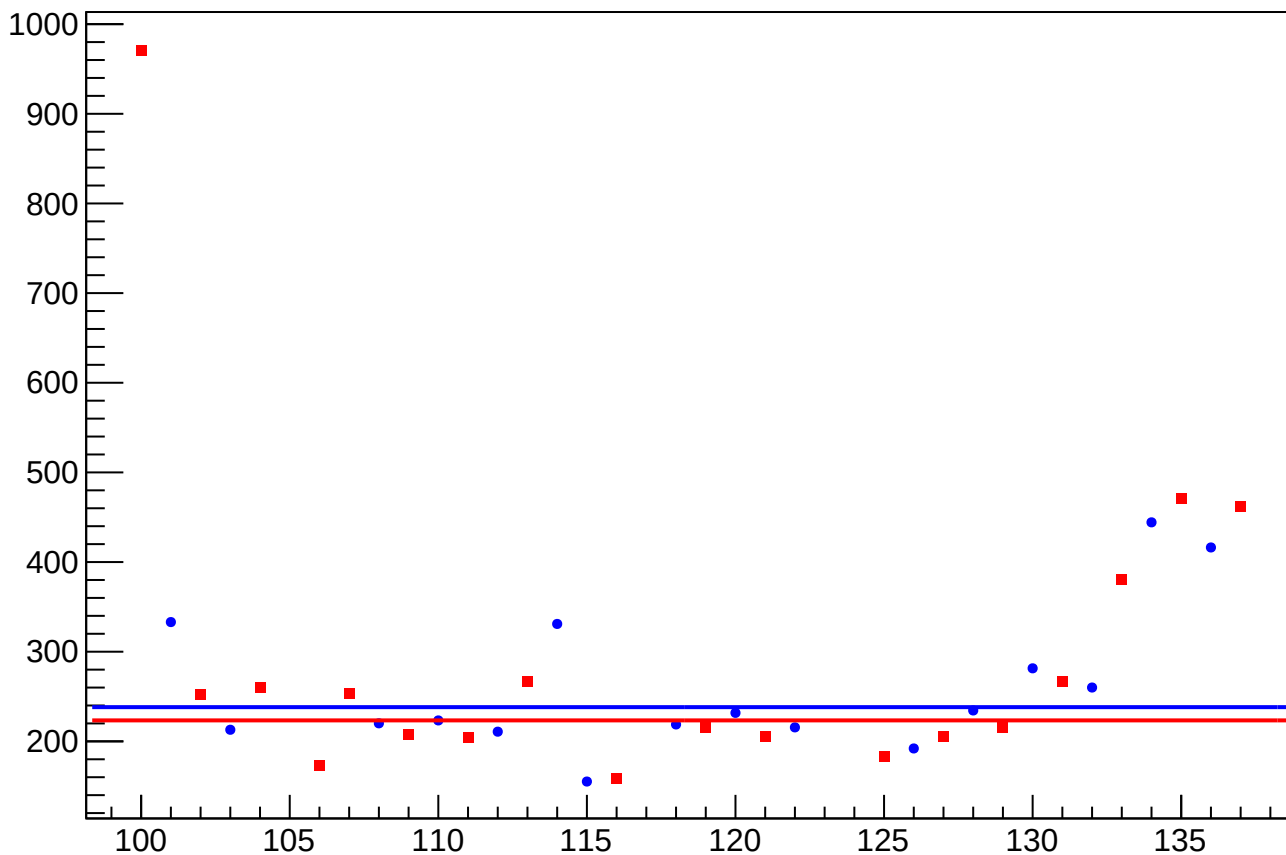
Right: 0.028+/-0.065 χ^2/NDF : 39.5/33

In: -0.044+/-0.094 χ^2/NDF : 13.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.028+/-0.065 χ^2/NDF : 39.5/33

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.388+/-0.064 χ^2/NDF : 862425.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

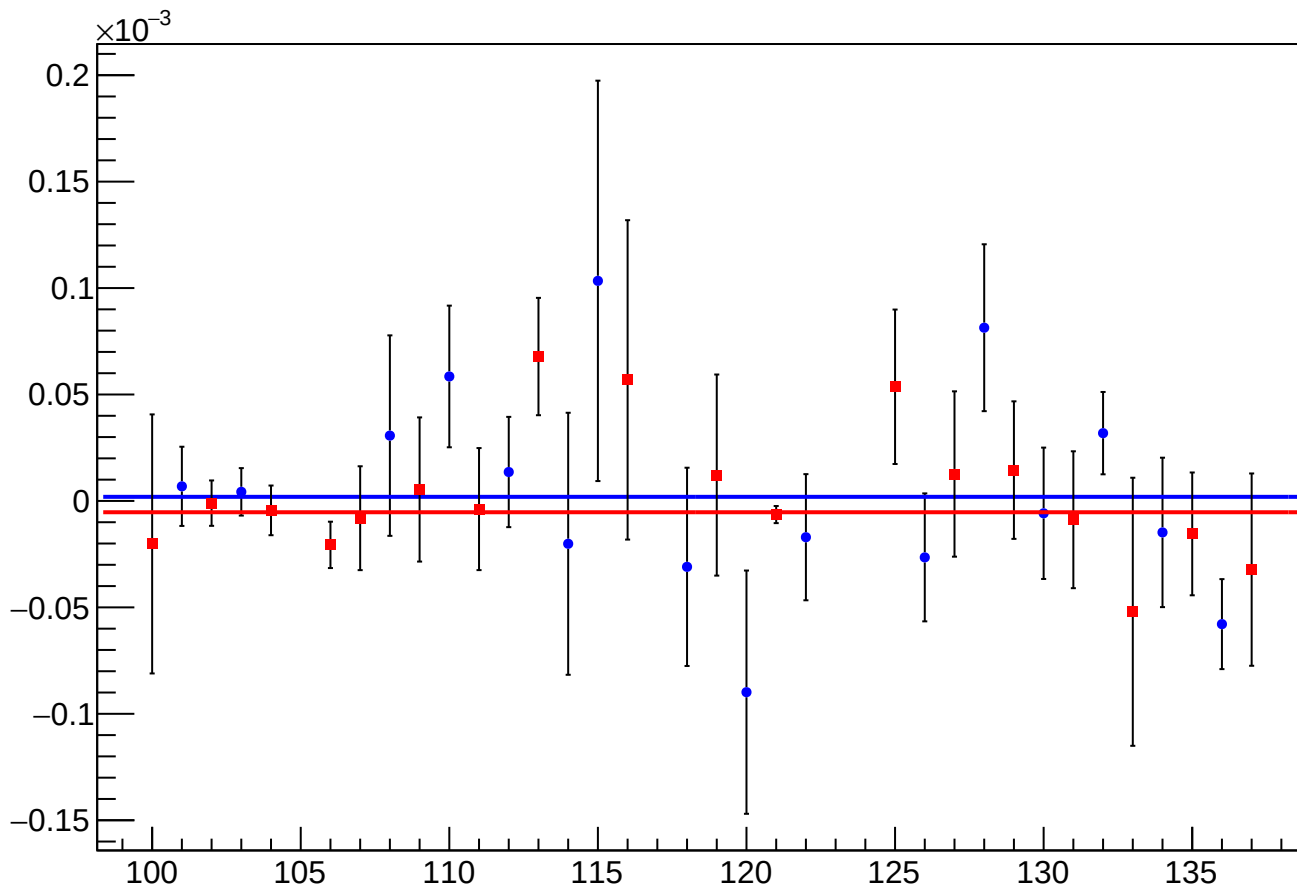
Right: 230.474+/-0.046 χ^2/NDF : 1695464.7/33

In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.474+/-0.046 χ^2/NDF : 1695464.7/33

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

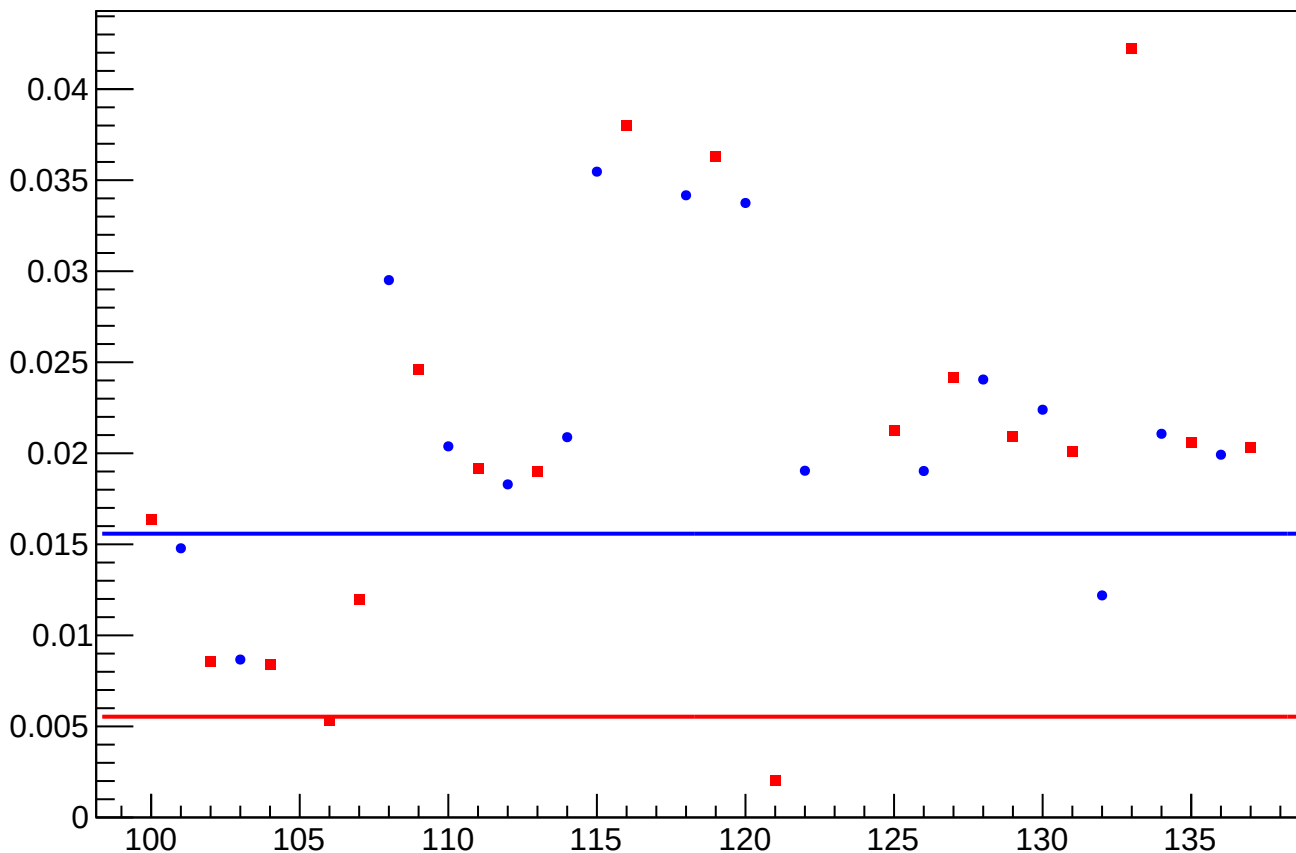
Right: -0.000+/-0.000 χ^2/NDF : 39.6/33

In: 0.000+/-0.000 χ^2/NDF : 24.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.6/33

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 2074656.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 7954965.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

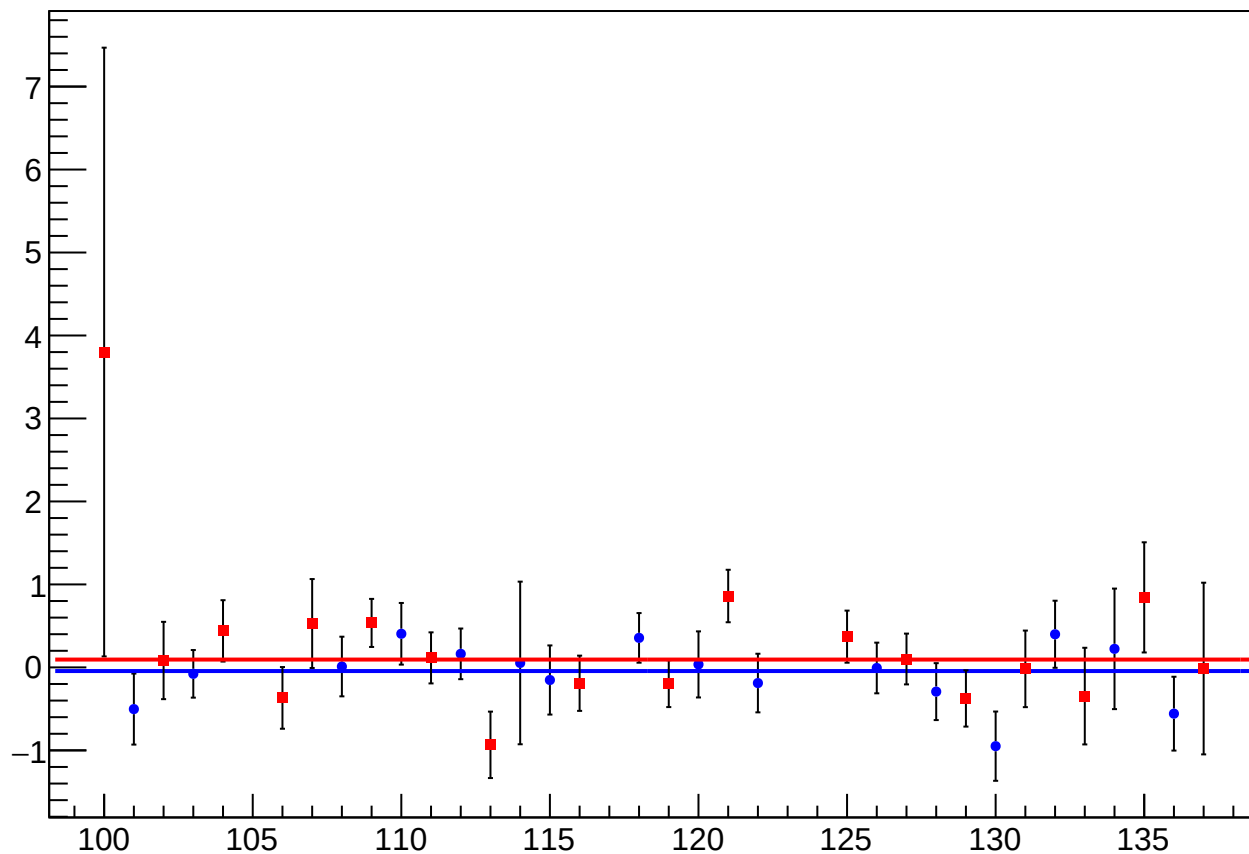
Right: 0.008+/-0.000 χ^2/NDF : 13999634.8/33

In: 0.016+/-0.000 χ^2/NDF : 2074656.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 13999634.8/33

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044+/-0.094 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.094+/-0.090 χ^2/NDF : 25.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

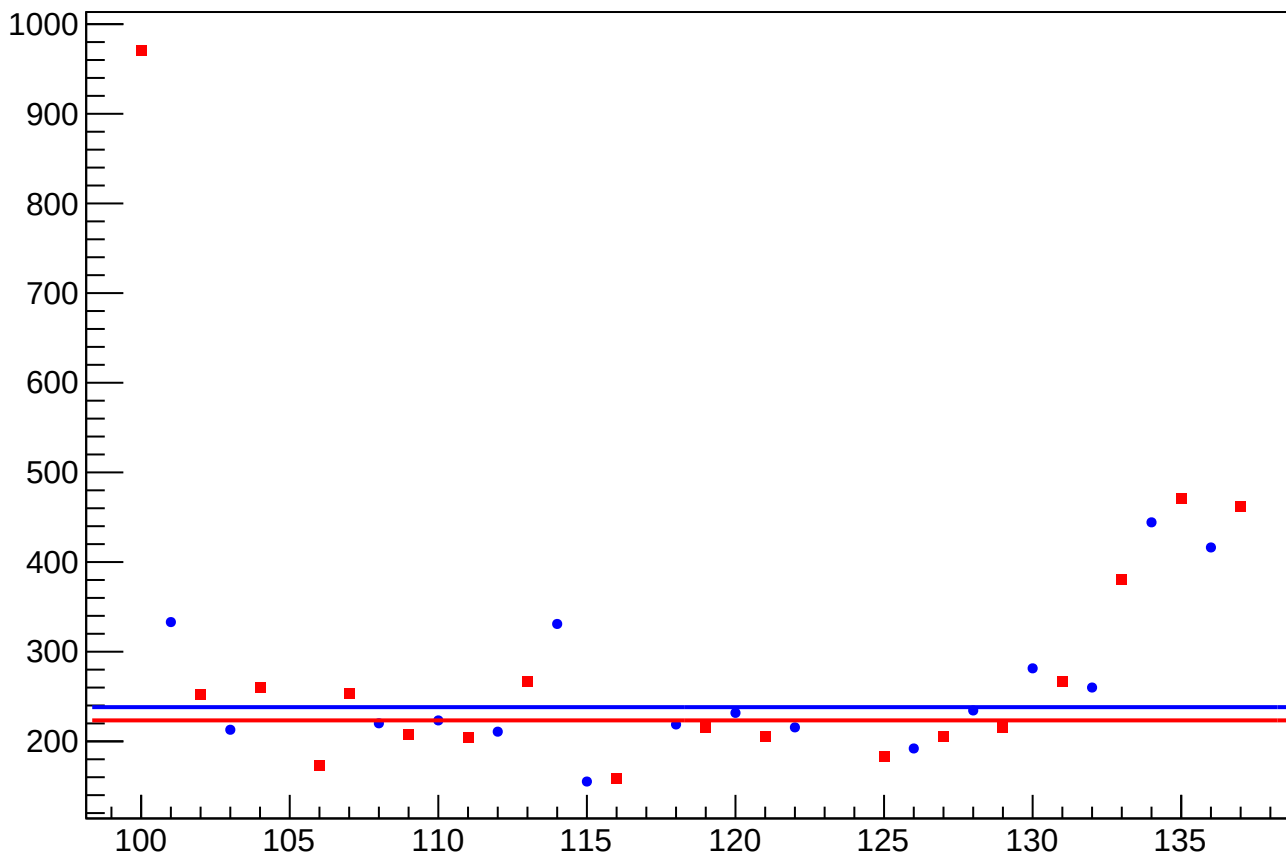
Right: 0.028+/-0.065 χ^2/NDF : 39.5/33

In: -0.044+/-0.094 χ^2/NDF :13.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.028+/-0.065 χ^2/NDF : 39.5/33

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.390+/-0.064 χ^2/NDF : 862366.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

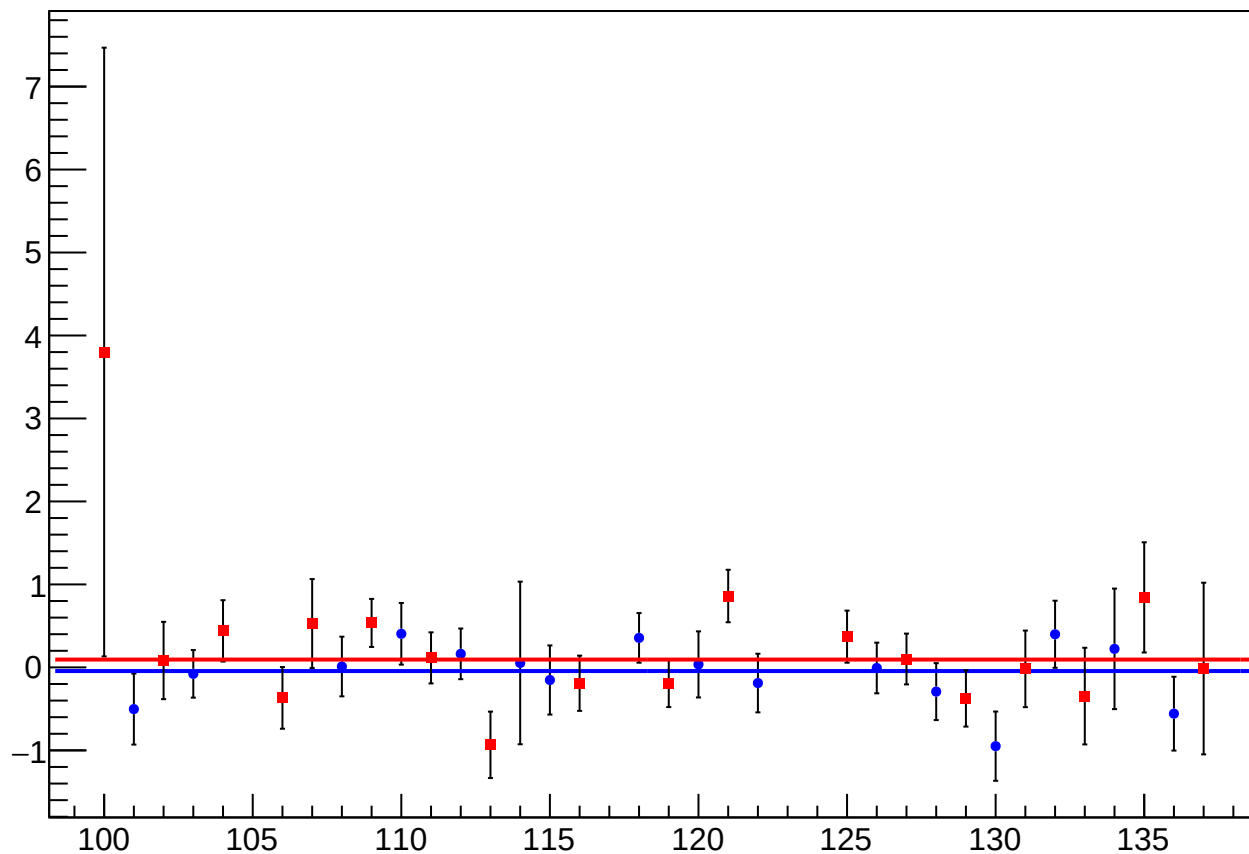
Right: 230.475+/-0.046 χ^2/NDF : 1695367.2/33

In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.475+/-0.046 χ^2/NDF : 1695367.2/33

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.044 ± 0.094 χ^2/NDF : 13.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.094 ± 0.090 χ^2/NDF : 25.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

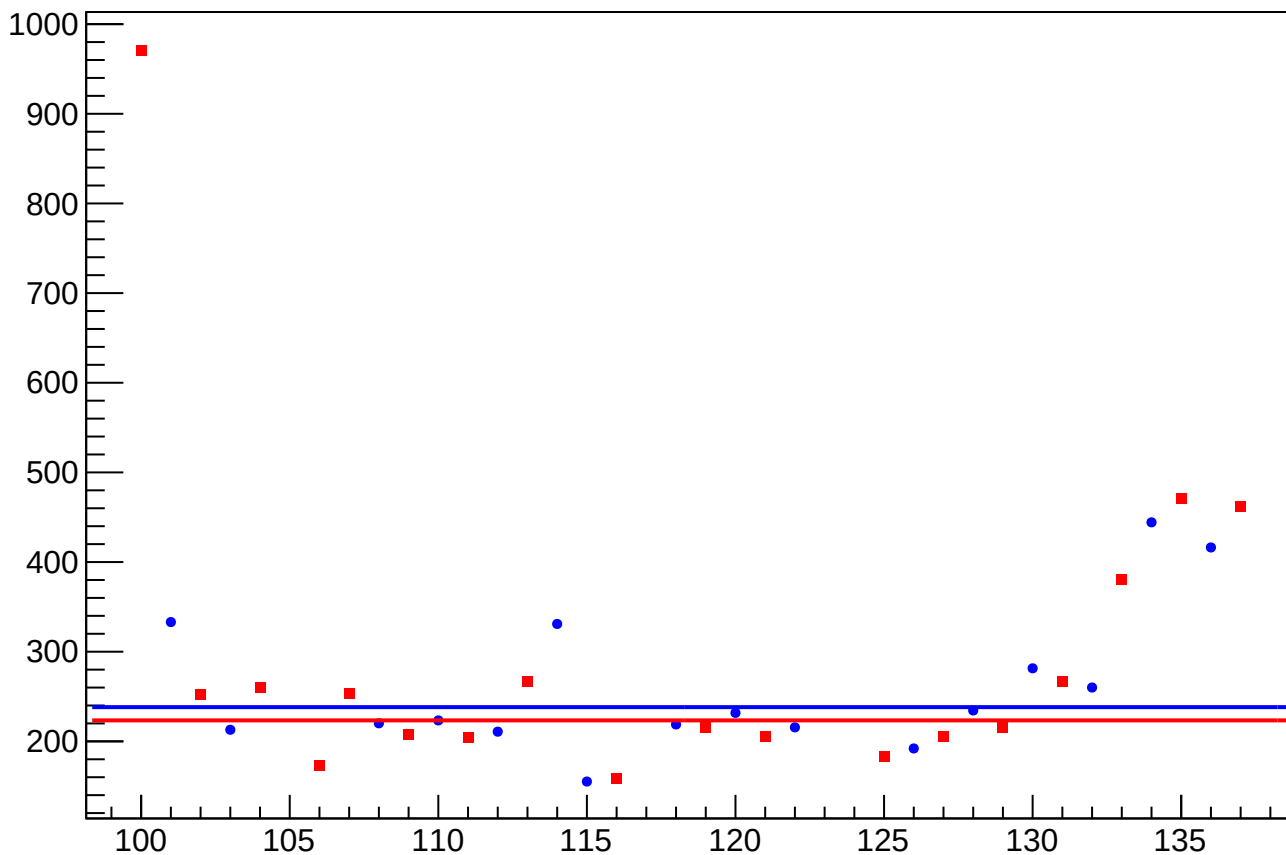
Right: 0.028 ± 0.065 χ^2/NDF : 39.5/33

In: -0.044 ± 0.094 χ^2/NDF : 13.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.065 χ^2/NDF : 39.5/33

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 223.390+/-0.064 χ^2/NDF : 862366.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

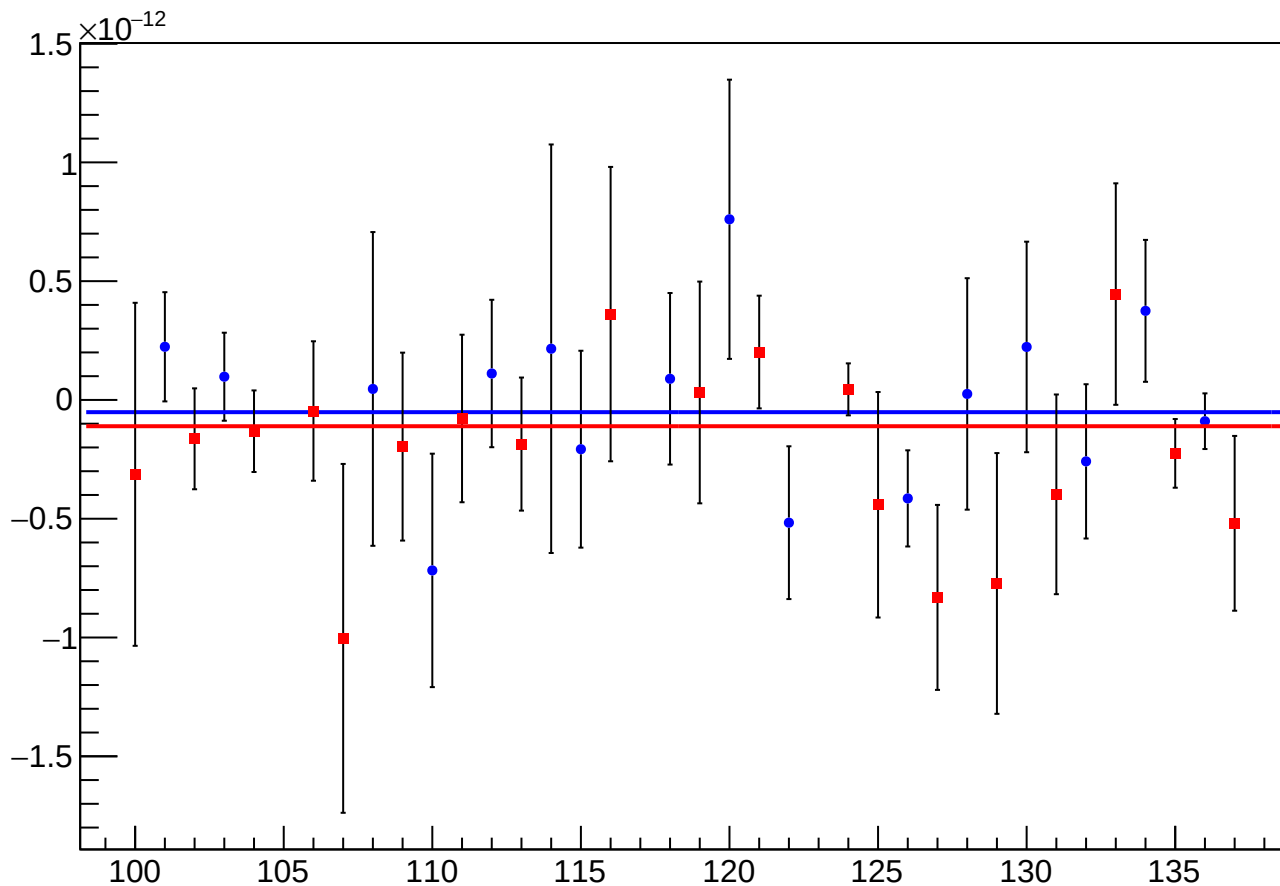
Right: 230.475+/-0.046 χ^2/NDF : 1695367.2/33

In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.475+/-0.046 χ^2/NDF : 1695367.2/33

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

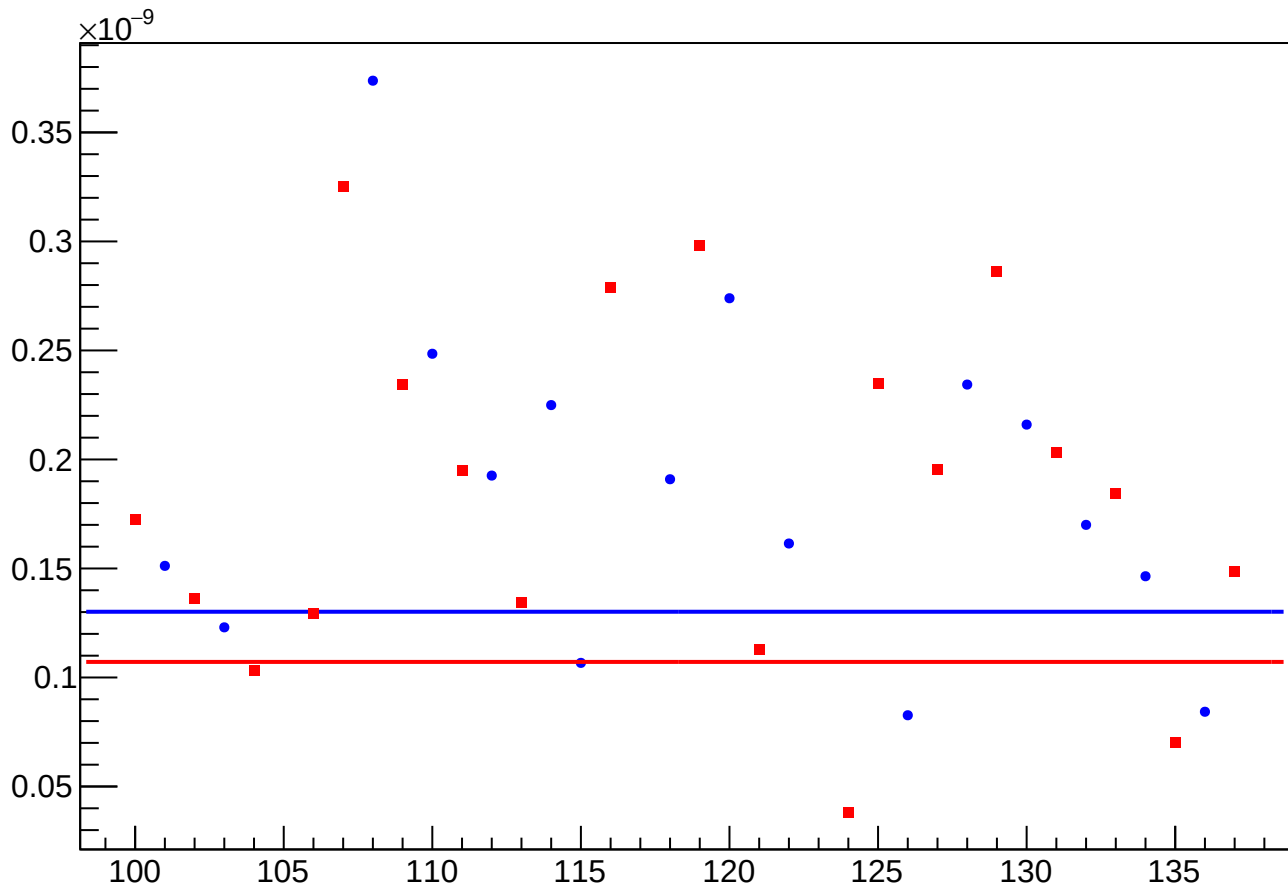
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/34

In: -0.000 $\pm$ 0.000 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/34

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1334266.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2656168.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

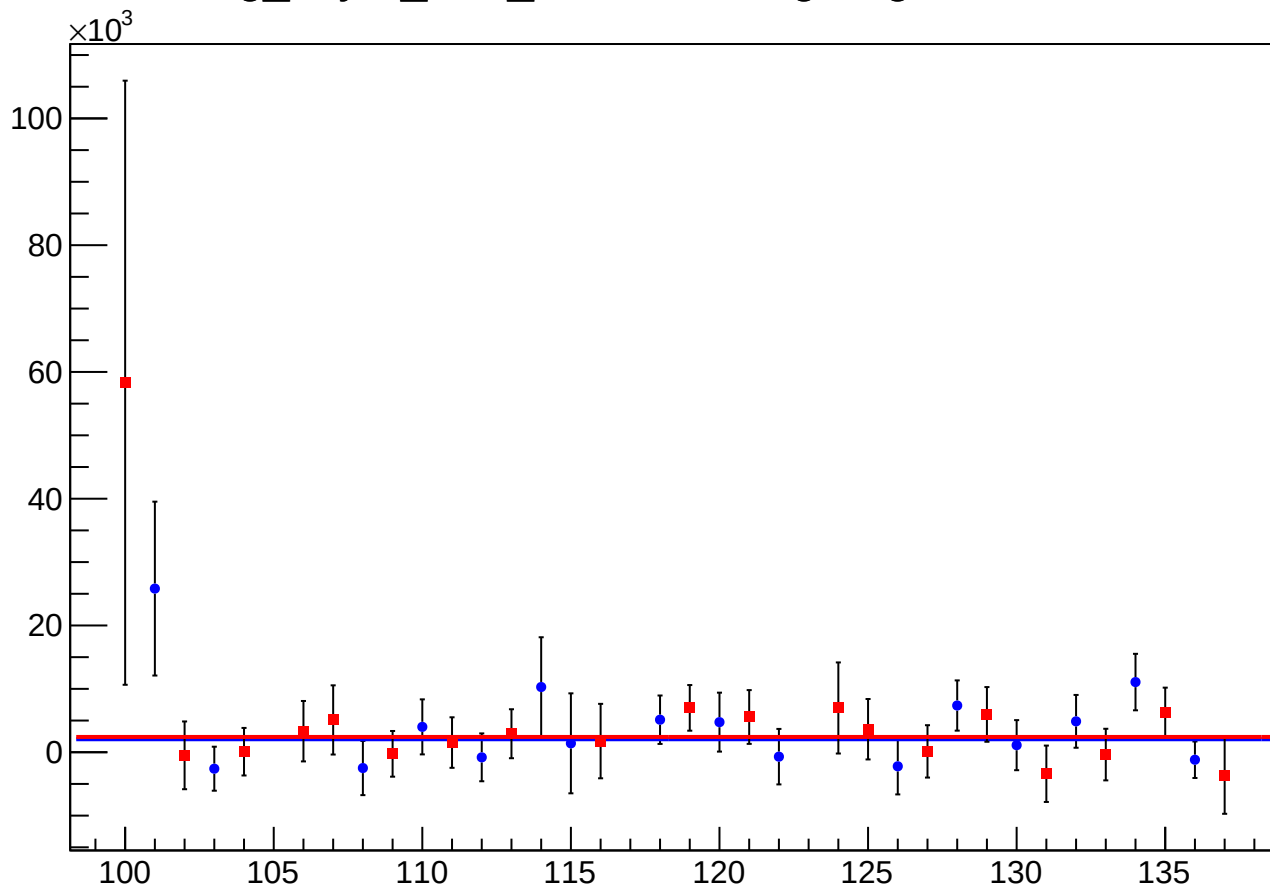
Right: 0.000+/-0.000 χ^2/NDF : 4122173.2/34

In: 0.000+/-0.000 χ^2/NDF : 1334266.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4122173.2/34

reg_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2049.493 $\pm$ 1070.395 χ^2/NDF : 17.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 2411.858 $\pm$ 1035.471 χ^2/NDF : 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

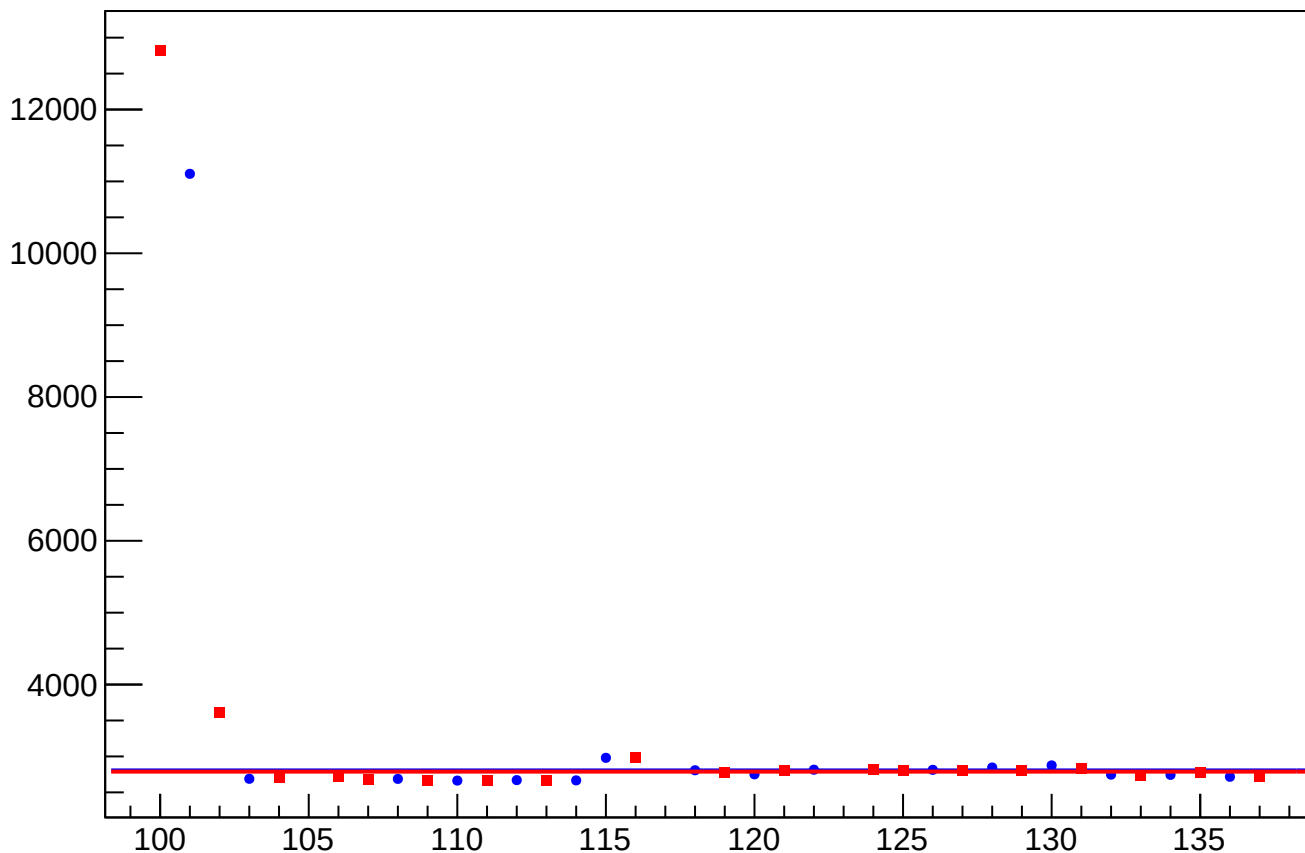
Right: 2236.684 $\pm$ 744.229 χ^2/NDF : 28.6/34

In: 2049.493 $\pm$ 1070.395 χ^2/NDF : 17.8/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2236.684 $\pm$ 744.229 χ^2/NDF : 28.6/34

reg_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2805.446+/-0.757 χ^2/NDF : 746240.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2788.820+/-0.732 χ^2/NDF : 146998.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

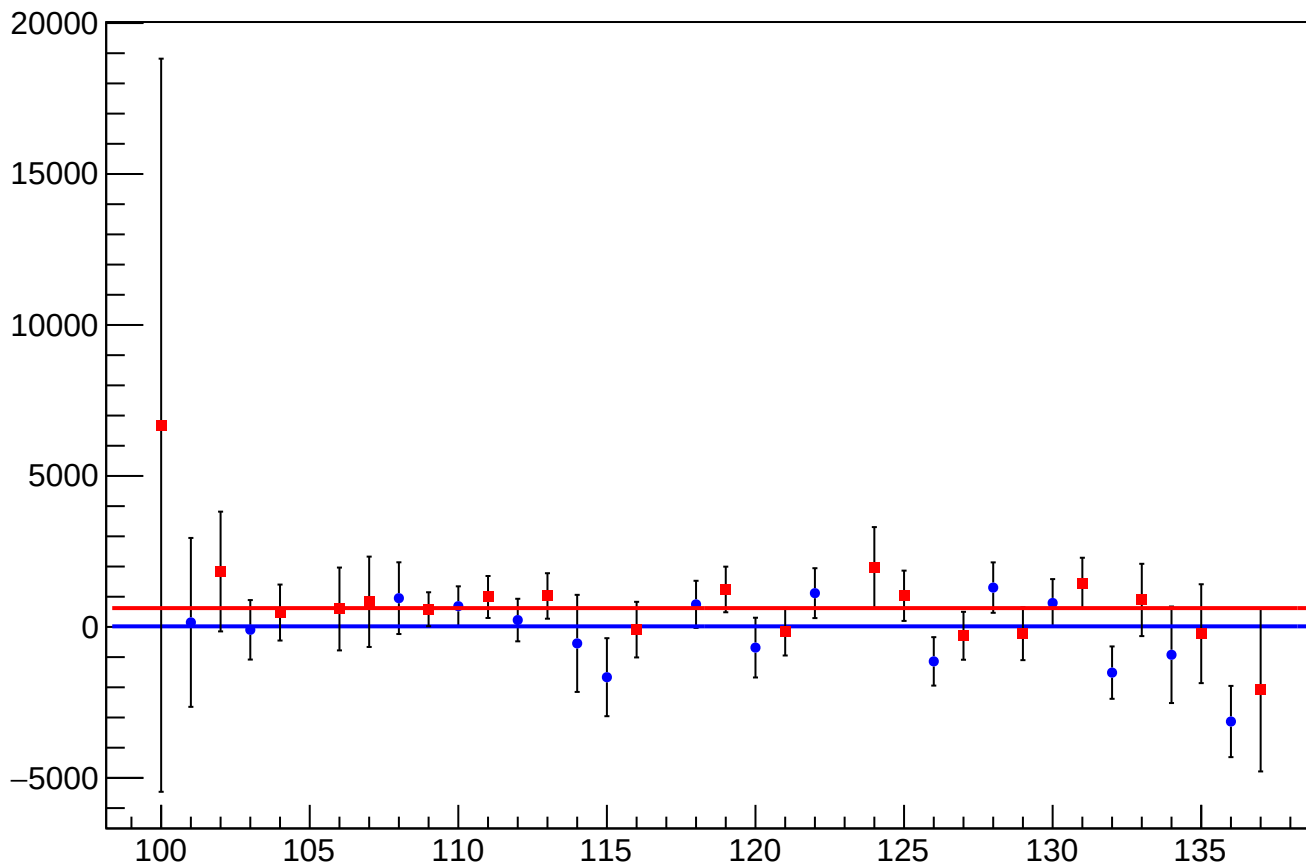
Right: 2796.857+/-0.526 χ^2/NDF : 893488.2/34

In: 2805.446+/-0.757 χ^2/NDF : 746240.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2796.857+/-0.526 χ^2/NDF : 893488.2/34

asym_atr1_reg_correction_mean vs Slug, Sign Corrected



Right In: 18.981+/-233.483 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.107+/-215.948 χ^2/NDF : 9.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

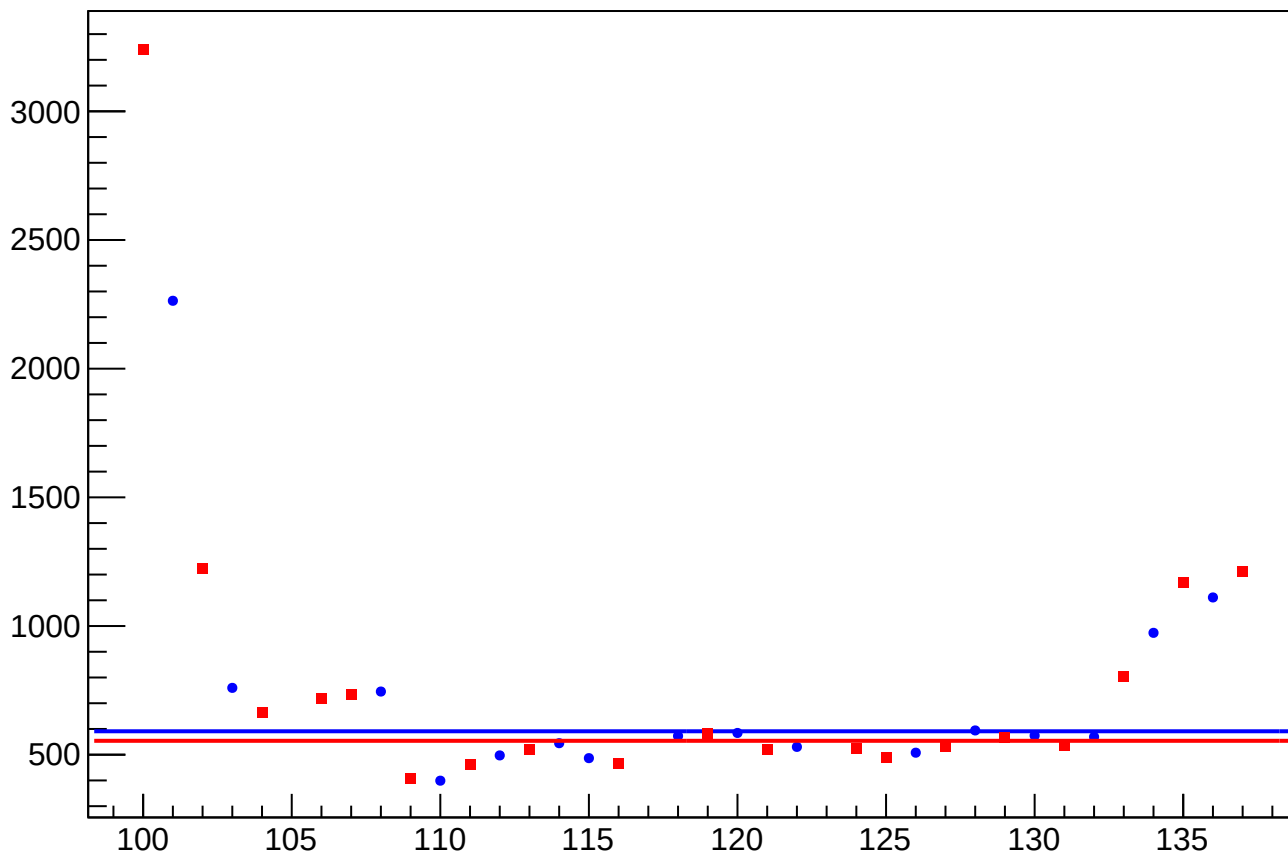
Right: 344.579+/-158.535 χ^2/NDF : 35.6/34

In: 18.981+/-233.483 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.579+/-158.535 χ^2/NDF : 35.6/34

asym_atr1_reg_correction_rms vs Slug, Sign Corrected



Right In: 591.041+/-0.165 χ^2/NDF : 1567663.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.982+/-0.153 χ^2/NDF : 1116915.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

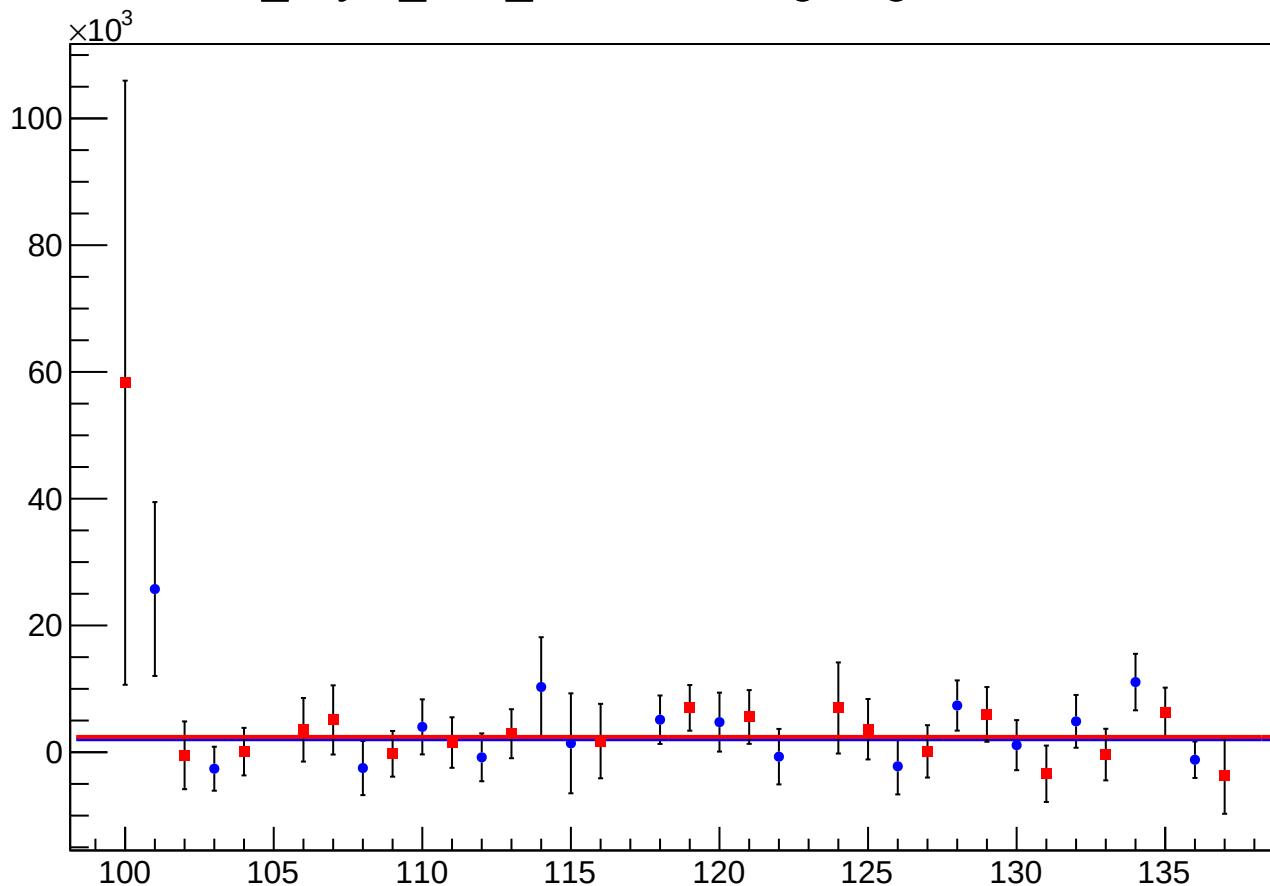
Right: 571.068+/-0.112 χ^2/NDF : 2711735.0/34

In: 591.041+/-0.165 χ^2/NDF : 1567663.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.068+/-0.112 χ^2/NDF : 2711735.0/34

cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2048.688+/-1070.395 χ^2 /NDF: 17.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2417.909+/-1037.856 χ^2 /NDF: 10.8/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

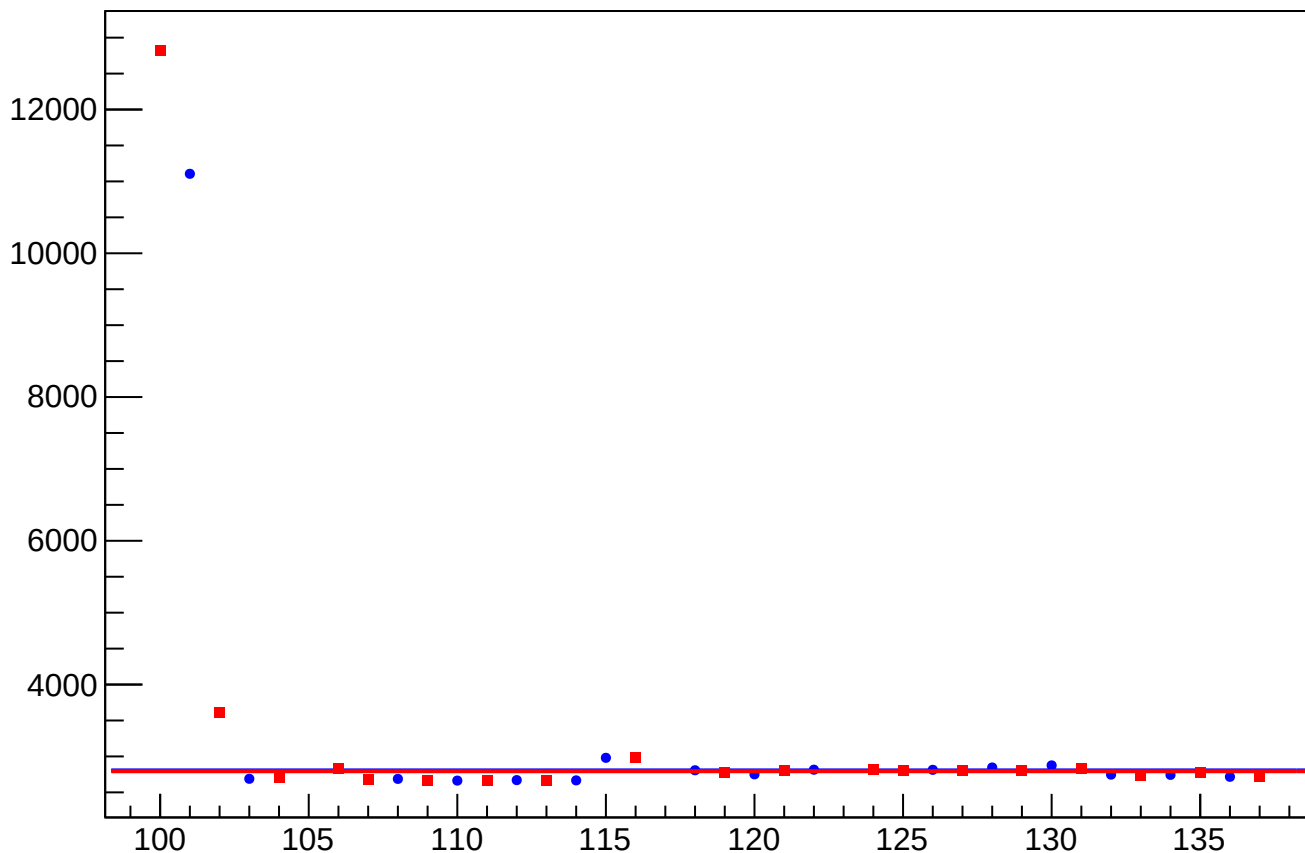
Right: 2238.996+/-745.113 χ^2 /NDF: 28.6/34

In: 2048.688+/-1070.395 χ^2 /NDF:17.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2238.996+/-745.113 χ^2 /NDF: 28.6/34

cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2794.157+/-0.734 χ^2/NDF : 146744.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

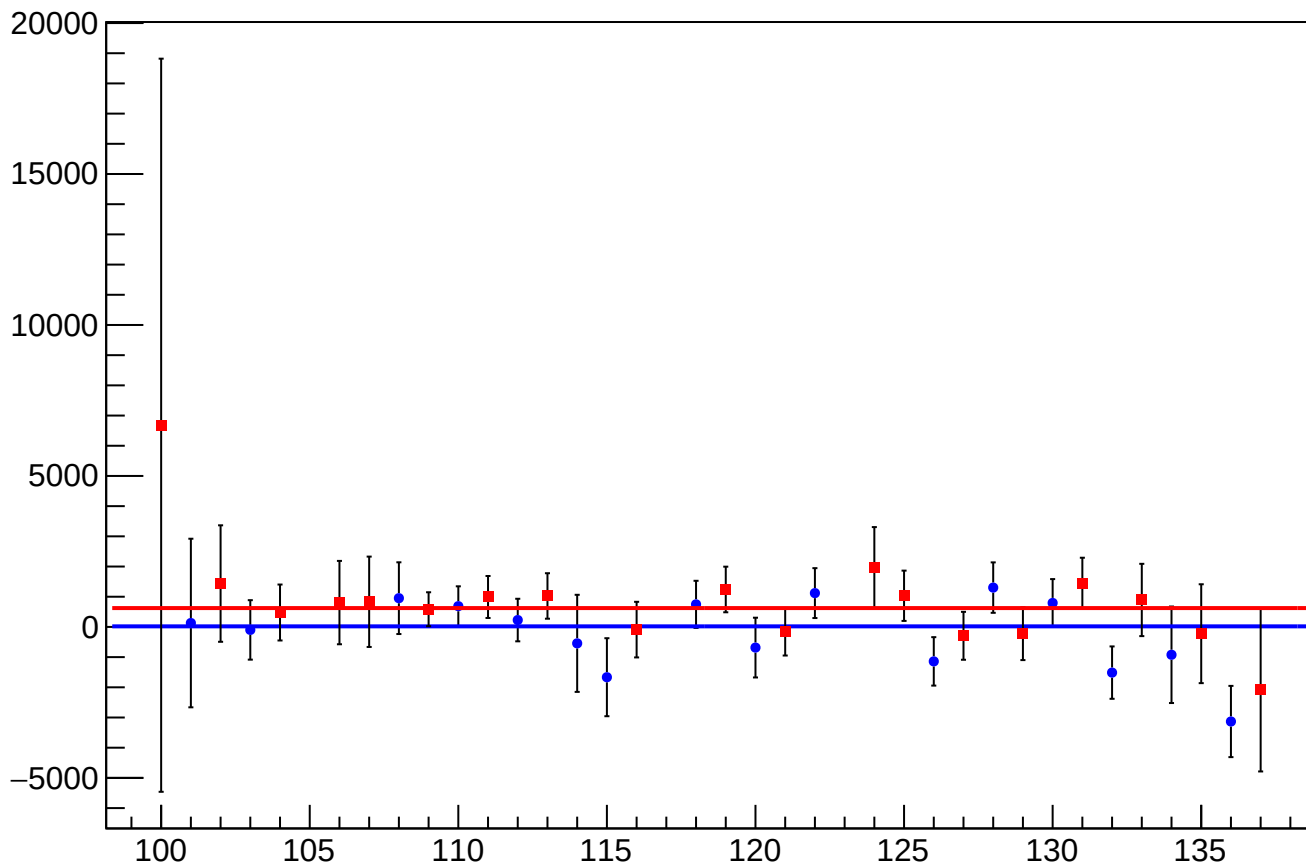
Right: 2799.627+/-0.527 χ^2/NDF : 893098.7/34

In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2799.627+/-0.527 χ^2/NDF : 893098.7/34

asym_atr1_cor_correction_mean vs Slug, Sign Corrected



Right In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.217+/-215.902 χ^2/NDF : 9.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

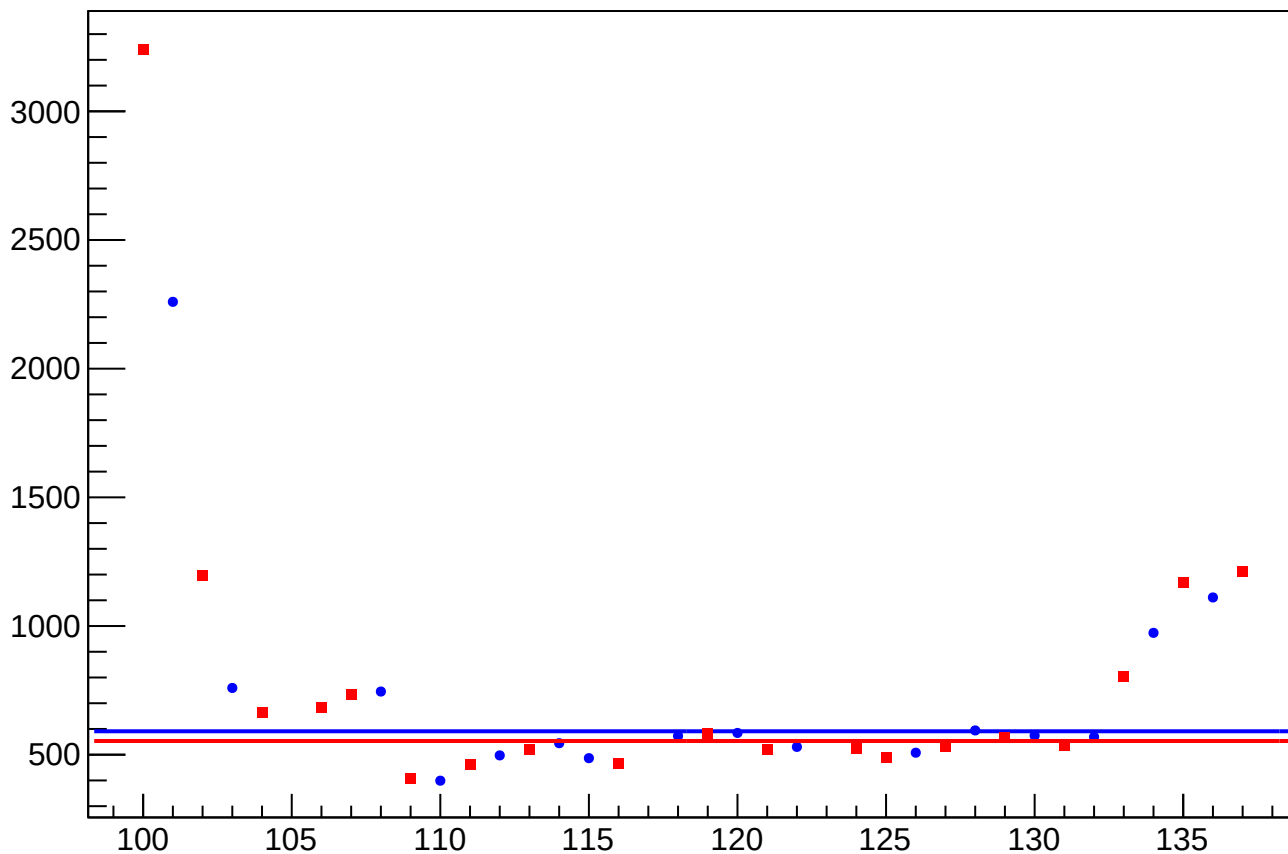
Right: 345.208+/-158.513 χ^2/NDF : 35.5/34

In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.208+/-158.513 χ^2/NDF : 35.5/34

asym_atr1_cor_correction_rms vs Slug, Sign Corrected



Right In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.233+/-0.153 χ^2/NDF : 1101651.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

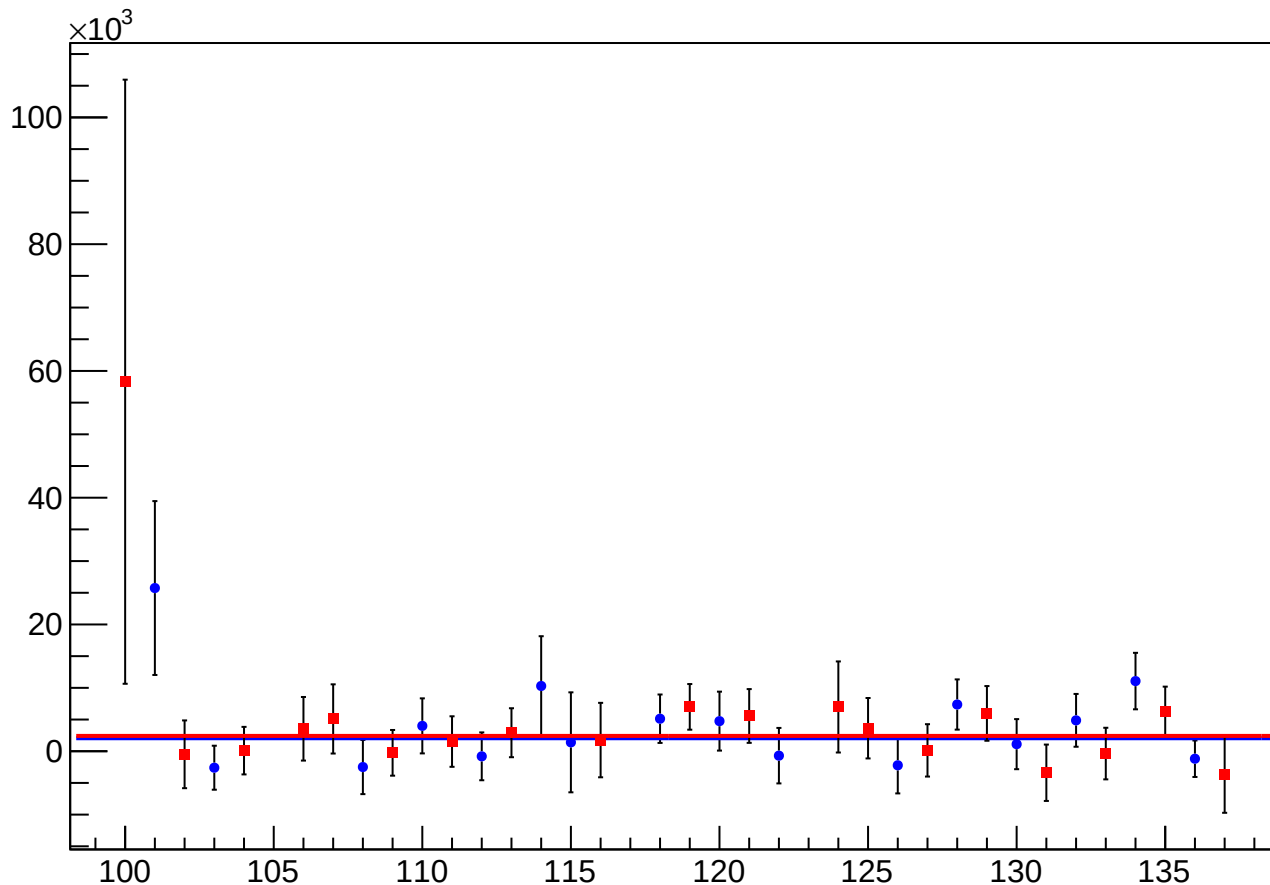
Right: 570.660+/-0.112 χ^2/NDF : 2696555.4/34

In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.660+/-0.112 χ^2/NDF : 2696555.4/34

eigen_cor_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2048.688+/-1070.395 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2417.909+/-1037.856 χ^2/NDF : 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

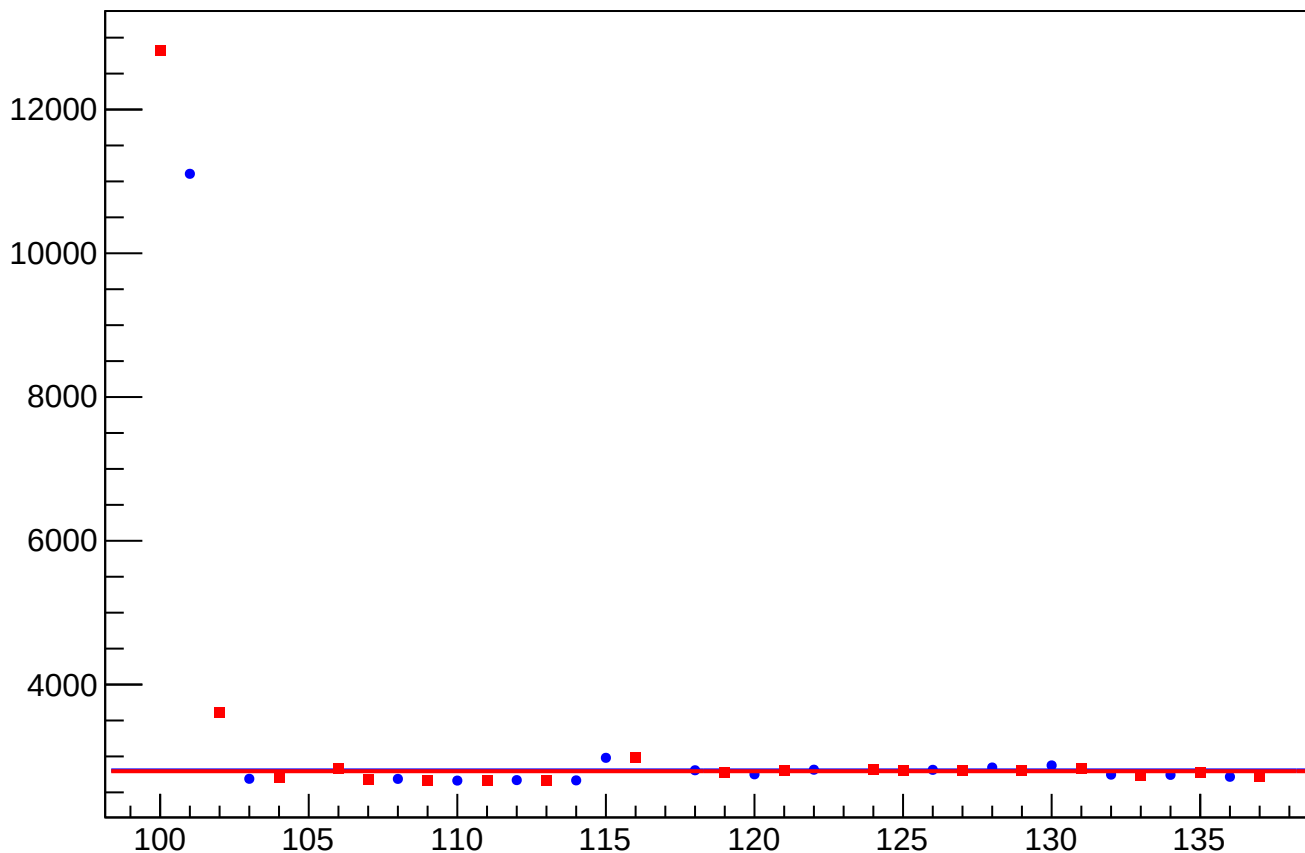
Right: 2238.996+/-745.113 χ^2/NDF : 28.6/34

In: 2048.688+/-1070.395 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.996+/-745.113 χ^2/NDF : 28.6/34

eigen_cor_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2794.157+/-0.734 χ^2/NDF : 146744.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

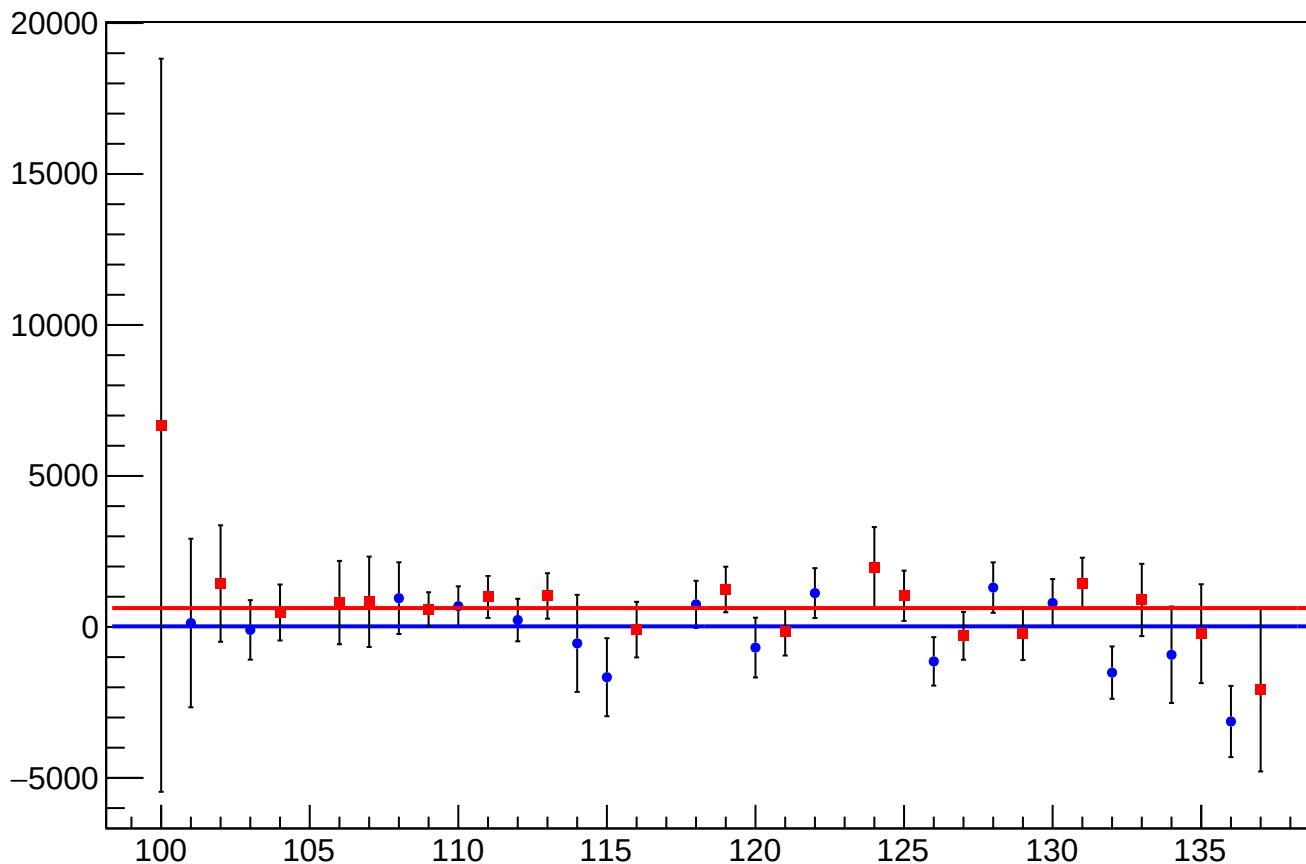
Right: 2799.627+/-0.527 χ^2/NDF : 893098.7/34

In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2799.627+/-0.527 χ^2/NDF : 893098.7/34

asym_atr1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 624.217+/-215.902 χ^2/NDF : 9.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

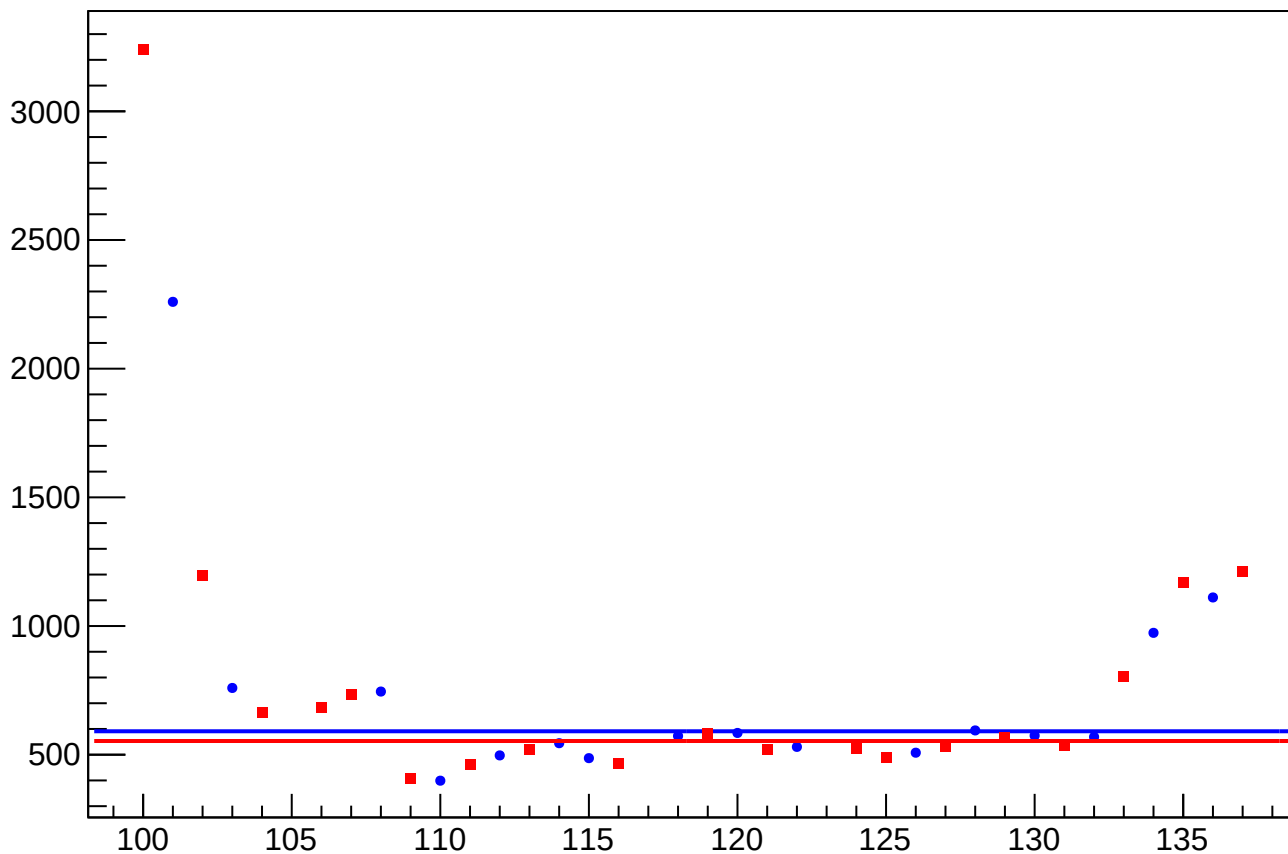
Right: 345.208+/-158.513 χ^2/NDF : 35.5/34

In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.208+/-158.513 χ^2/NDF : 35.5/34

asym_atr1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.233+/-0.153 χ^2/NDF : 1101651.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

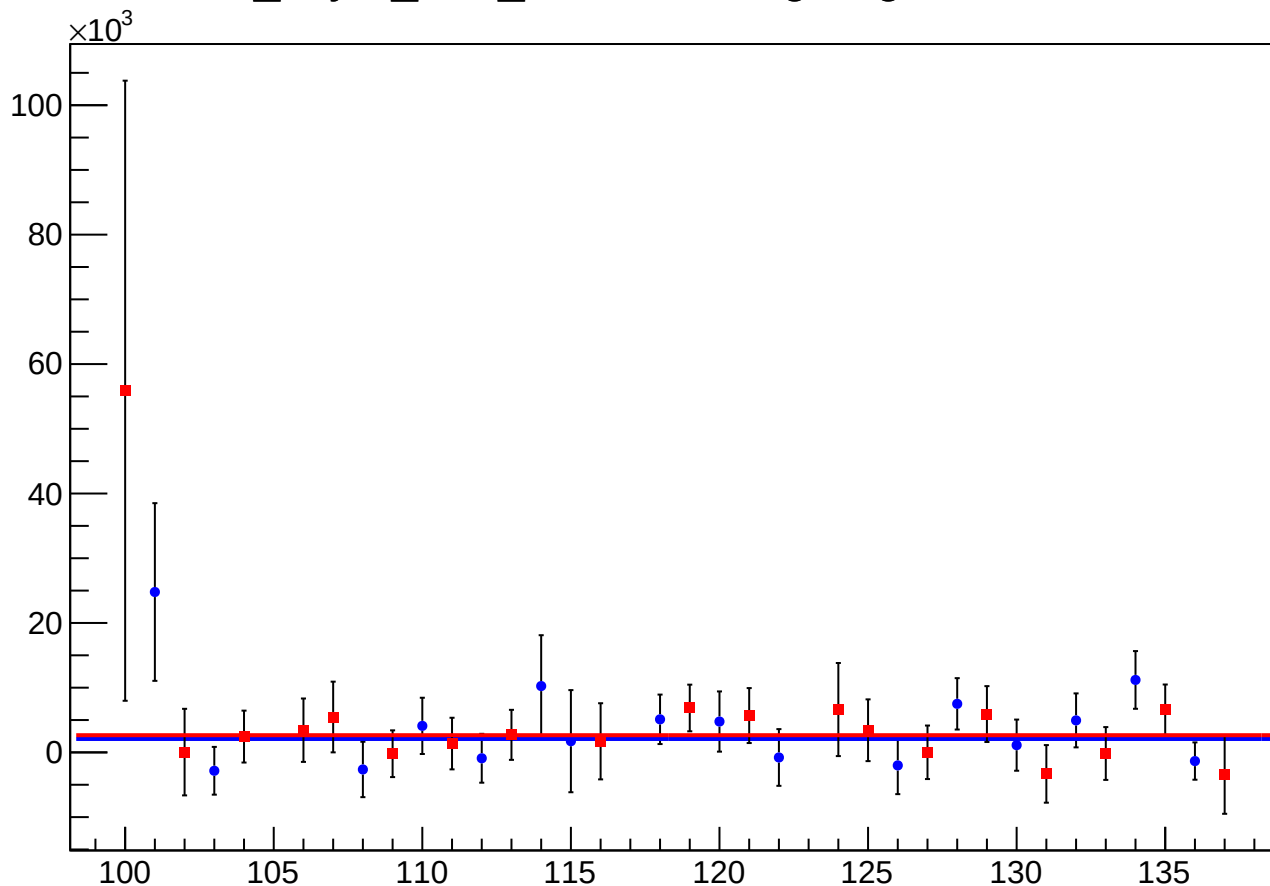
Right: 570.660+/-0.112 χ^2/NDF : 2696555.4/34

In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 570.660+/-0.112 χ^2/NDF : 2696555.4/34

dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2074.766+/-1077.182 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2657.301+/-1049.868 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

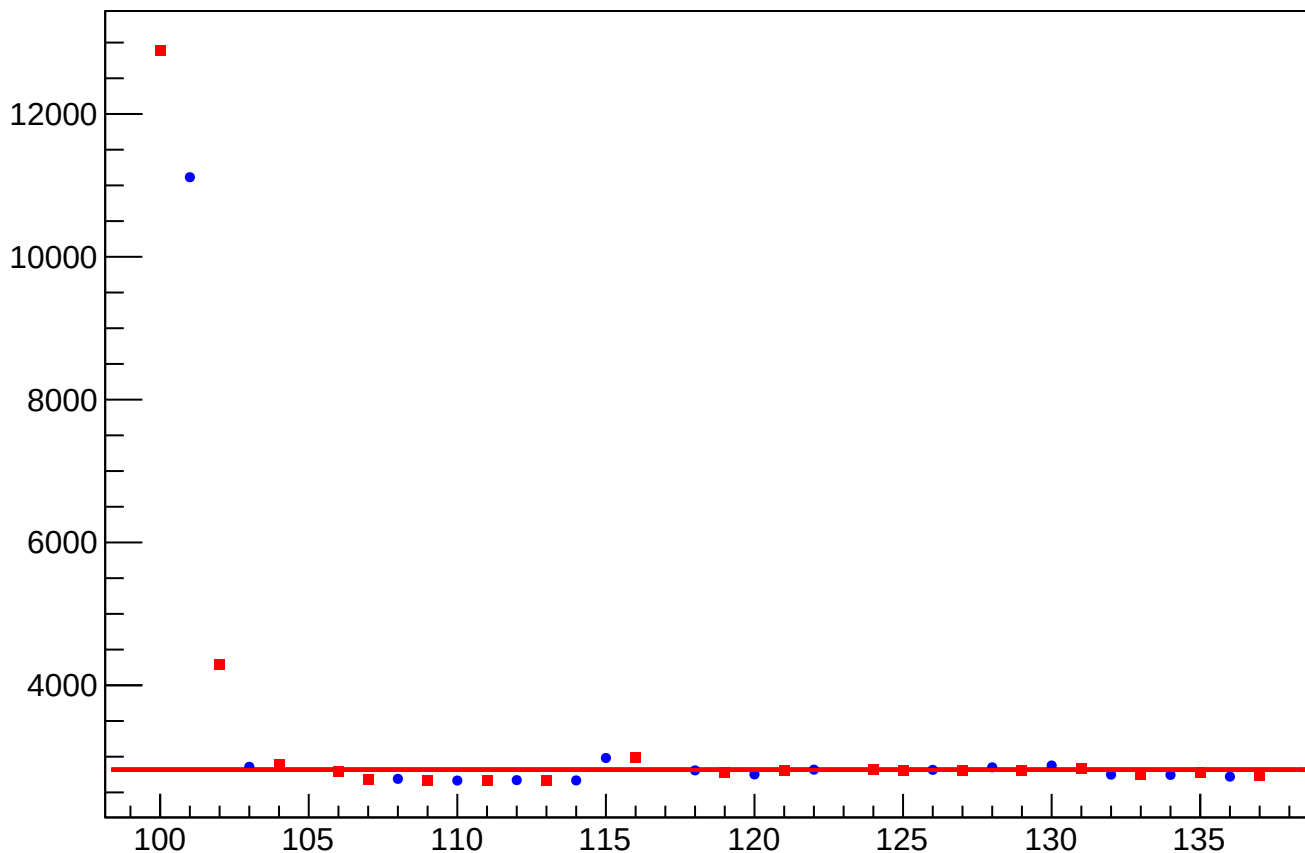
Right: 2373.513+/-751.840 χ^2/NDF : 28.0/34

In: 2074.766+/-1077.182 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.513+/-751.840 χ^2/NDF : 28.0/34

dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2813.821+/-0.742 χ^2/NDF : 200511.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

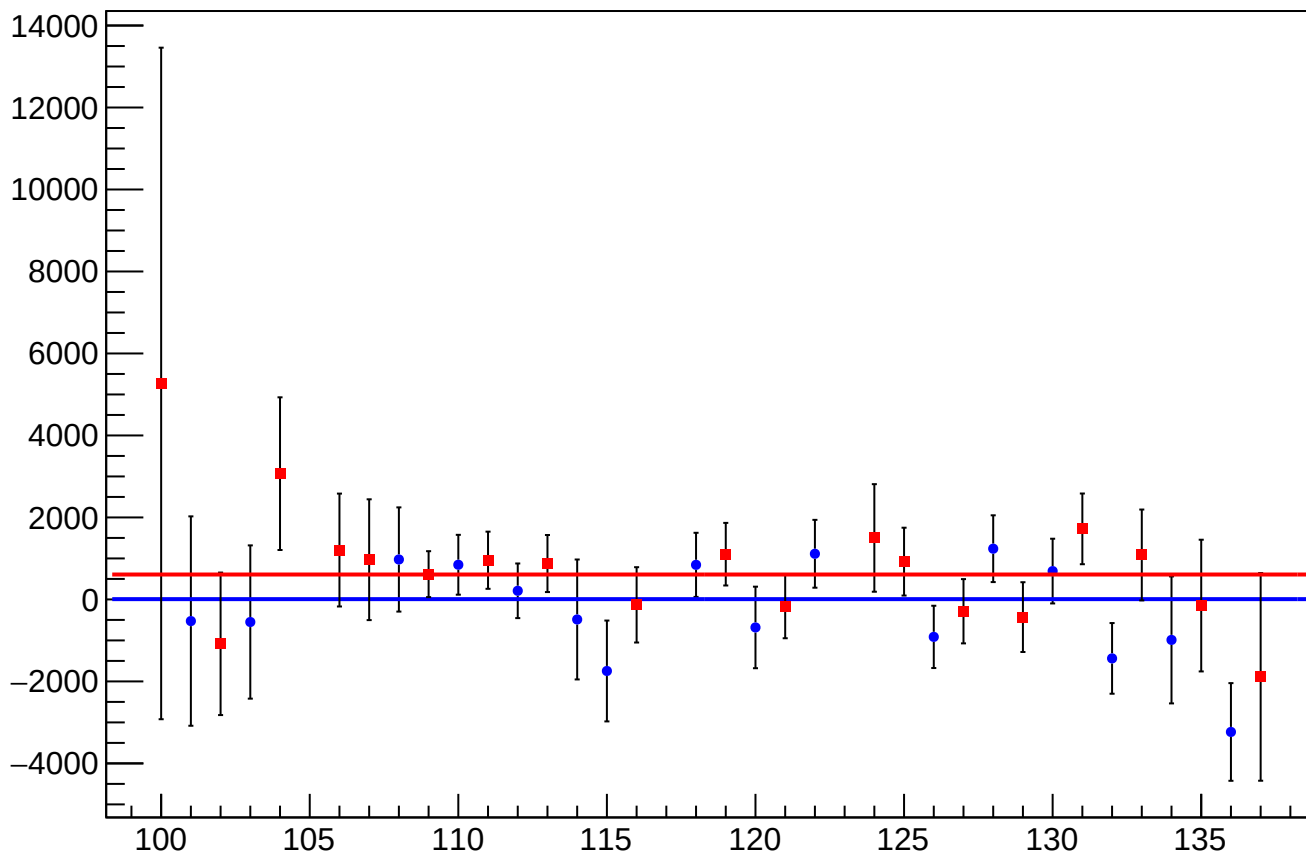
Right: 2818.511+/-0.532 χ^2/NDF : 944509.9/34

In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2818.511+/-0.532 χ^2/NDF : 944509.9/34

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.048 $\pm$ 237.455 χ^2 /NDF: 22.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 607.647 $\pm$ 217.093 χ^2 /NDF: 12.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

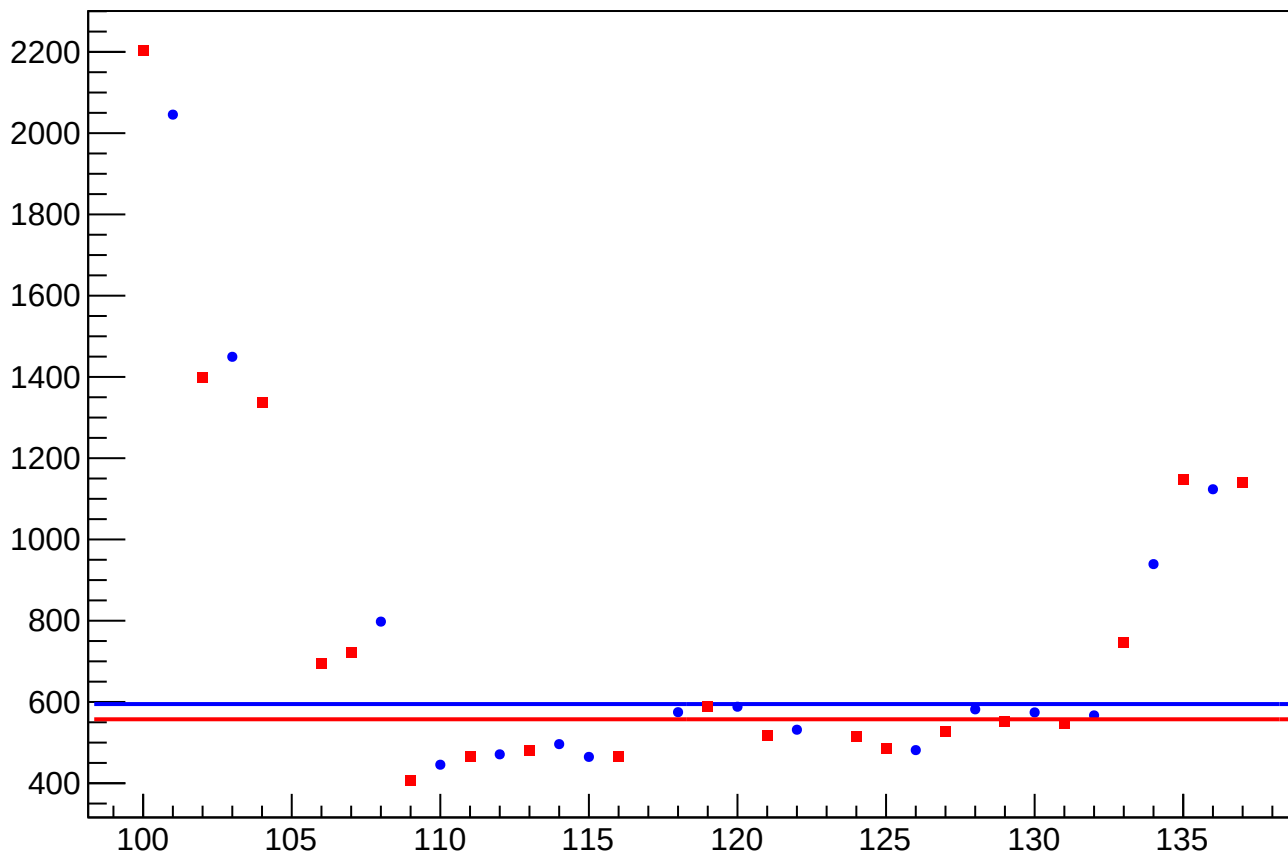
Right: 334.198 $\pm$ 160.224 χ^2 /NDF: 38.5/34

In: 7.048 $\pm$ 237.455 χ^2 /NDF:22.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 334.198 $\pm$ 160.224 χ^2 /NDF: 38.5/34

asym_atr1_dit_correction_rms vs Slug, Sign Corrected



Right In: 594.858+/-0.168 χ^2/NDF : 1852655.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.397+/-0.154 χ^2/NDF : 1631309.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

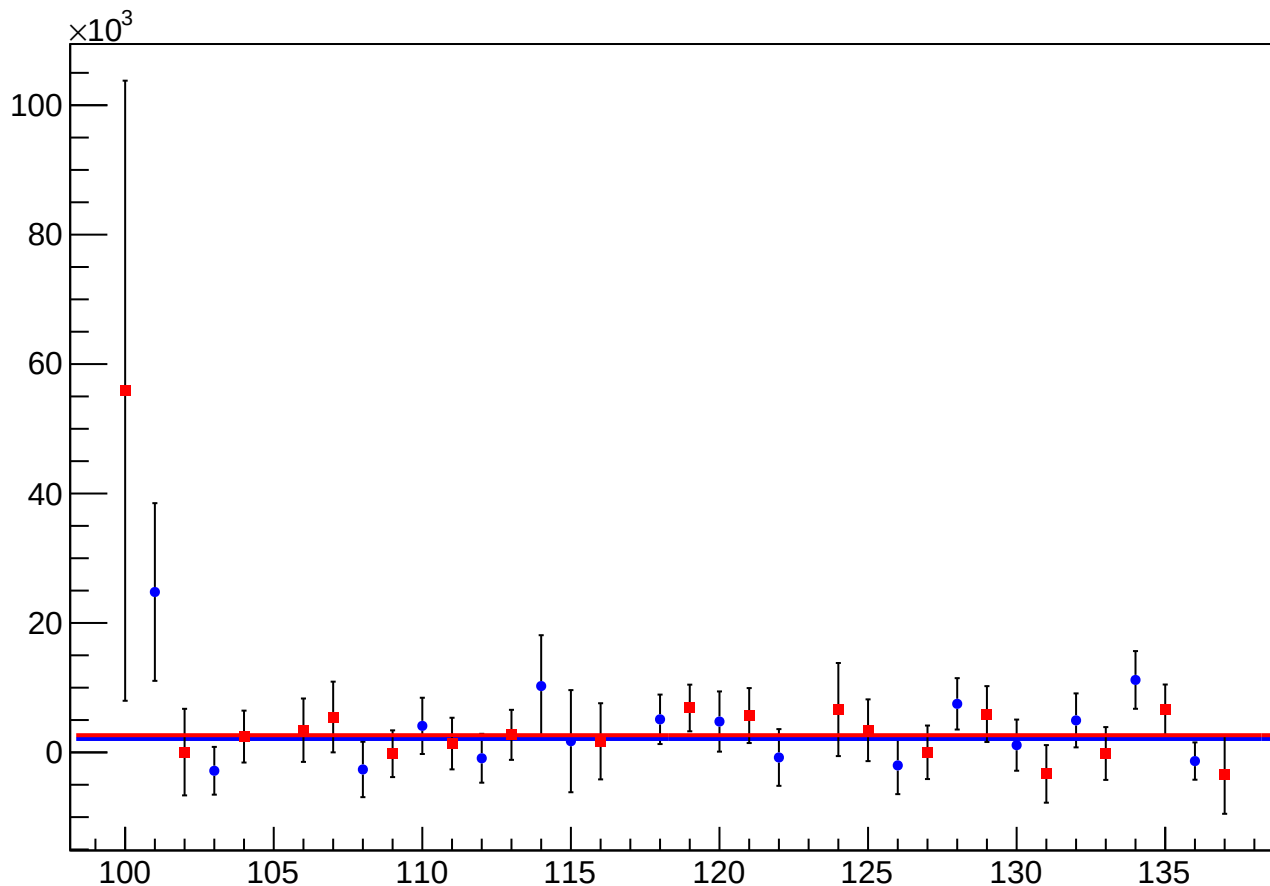
Right: 574.453+/-0.113 χ^2/NDF : 3511078.0/34

In: 594.858+/-0.168 χ^2/NDF : 1852655.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.453+/-0.113 χ^2/NDF : 3511078.0/34

eigen_dit_asym_atr1_mean vs Slug, Sign Corrected



Right In: 2074.766+/-1077.182 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2657.300+/-1049.868 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

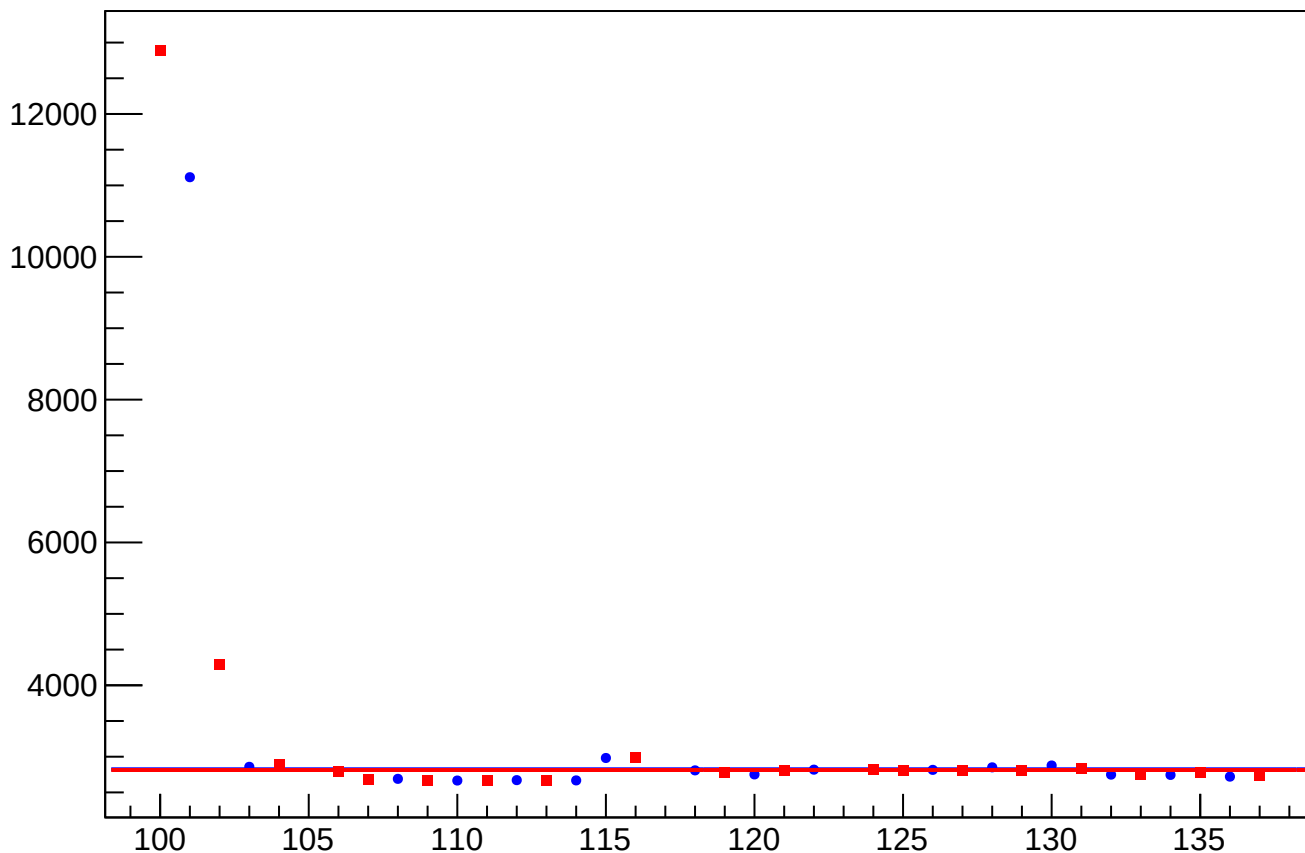
Right: 2373.512+/-751.840 χ^2/NDF : 28.0/34

In: 2074.766+/-1077.182 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2373.512+/-751.840 χ^2/NDF : 28.0/34

eigen_dit_asym_atr1_rms vs Slug, Sign Corrected



Right In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2813.821+/-0.742 χ^2/NDF : 200511.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

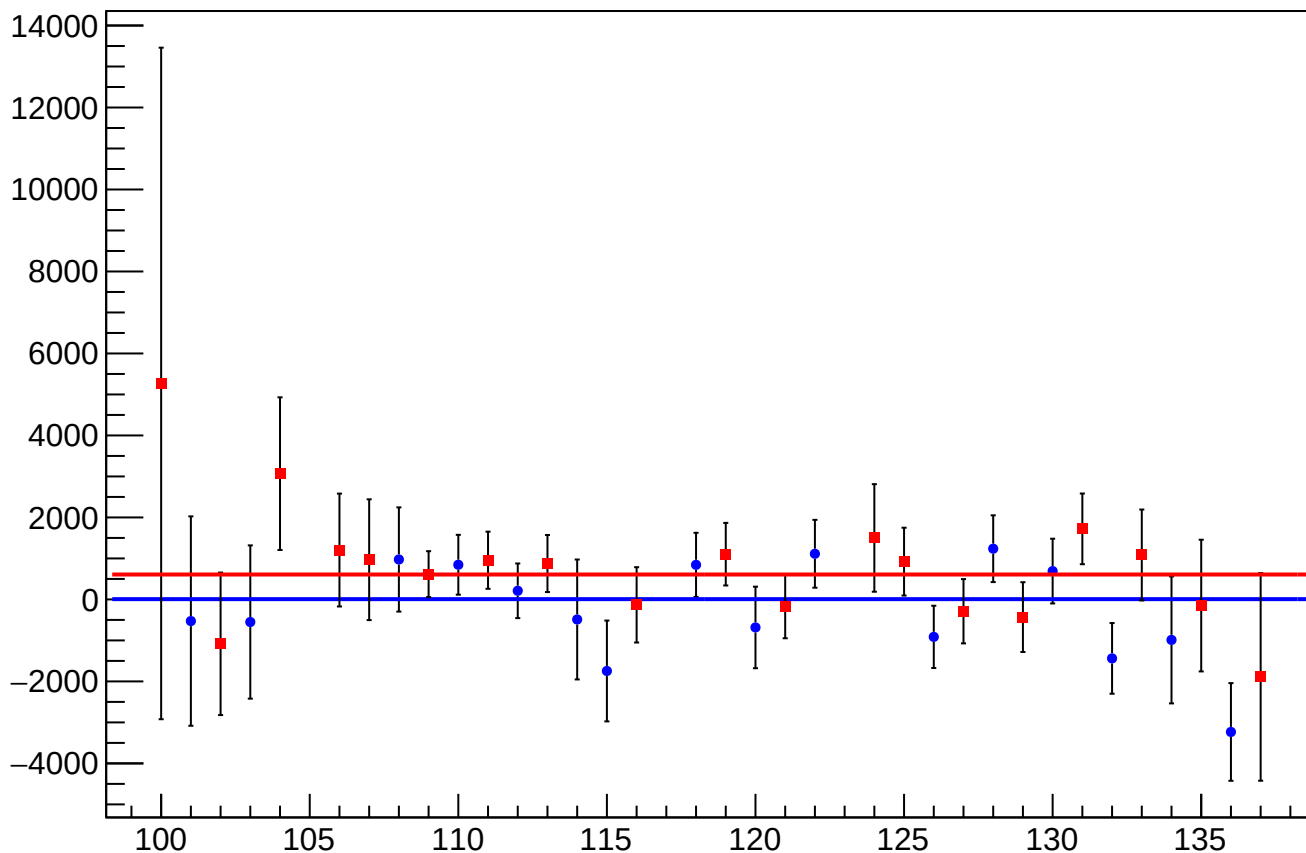
Right: 2818.511+/-0.532 χ^2/NDF : 944509.7/34

In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2818.511+/-0.532 χ^2/NDF : 944509.7/34

asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.049+/-237.455 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.647+/-217.094 χ^2/NDF : 12.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

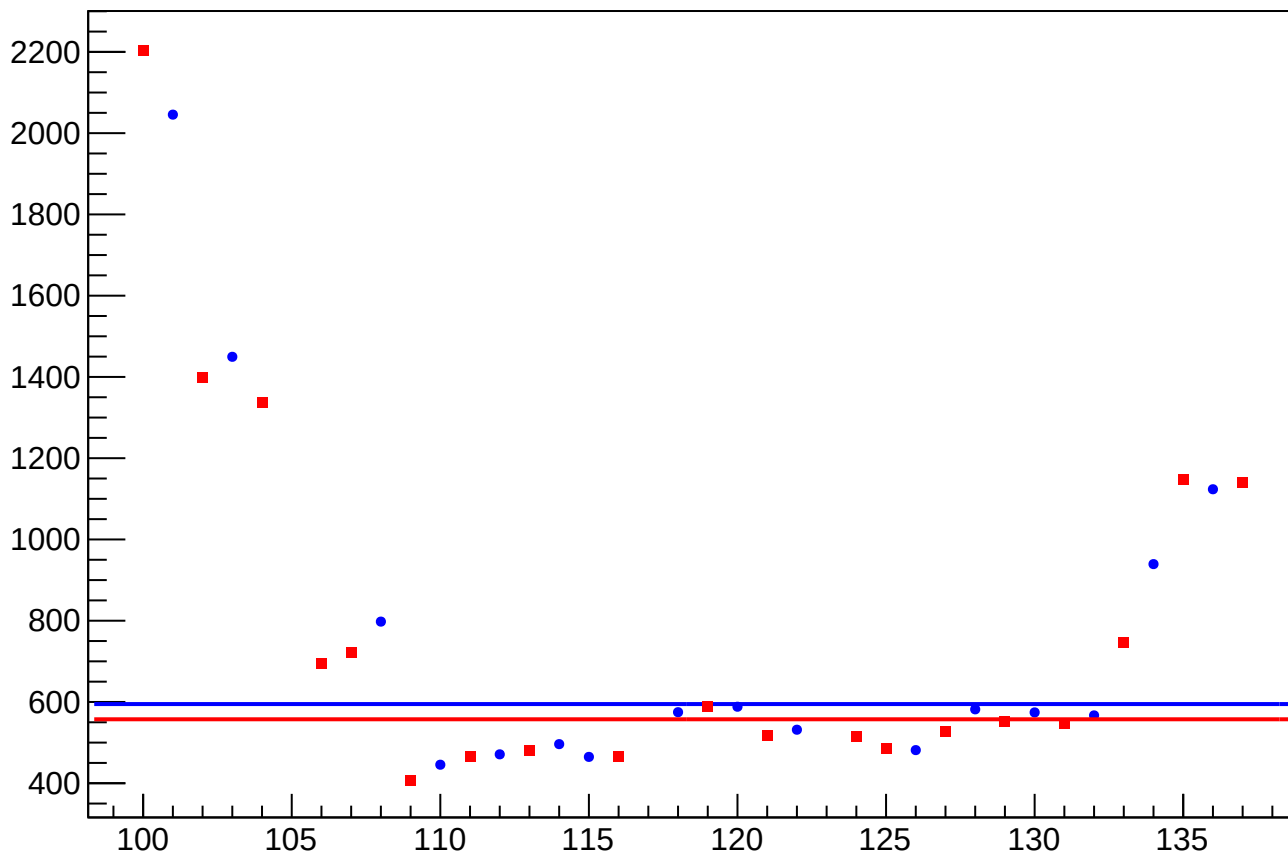
Right: 334.198+/-160.224 χ^2/NDF : 38.5/34

In: 7.049+/-237.455 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 334.198+/-160.224 χ^2/NDF : 38.5/34

asym_atr1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 594.858+/-0.168 χ^2/NDF : 1852649.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.397+/-0.154 χ^2/NDF : 1631307.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

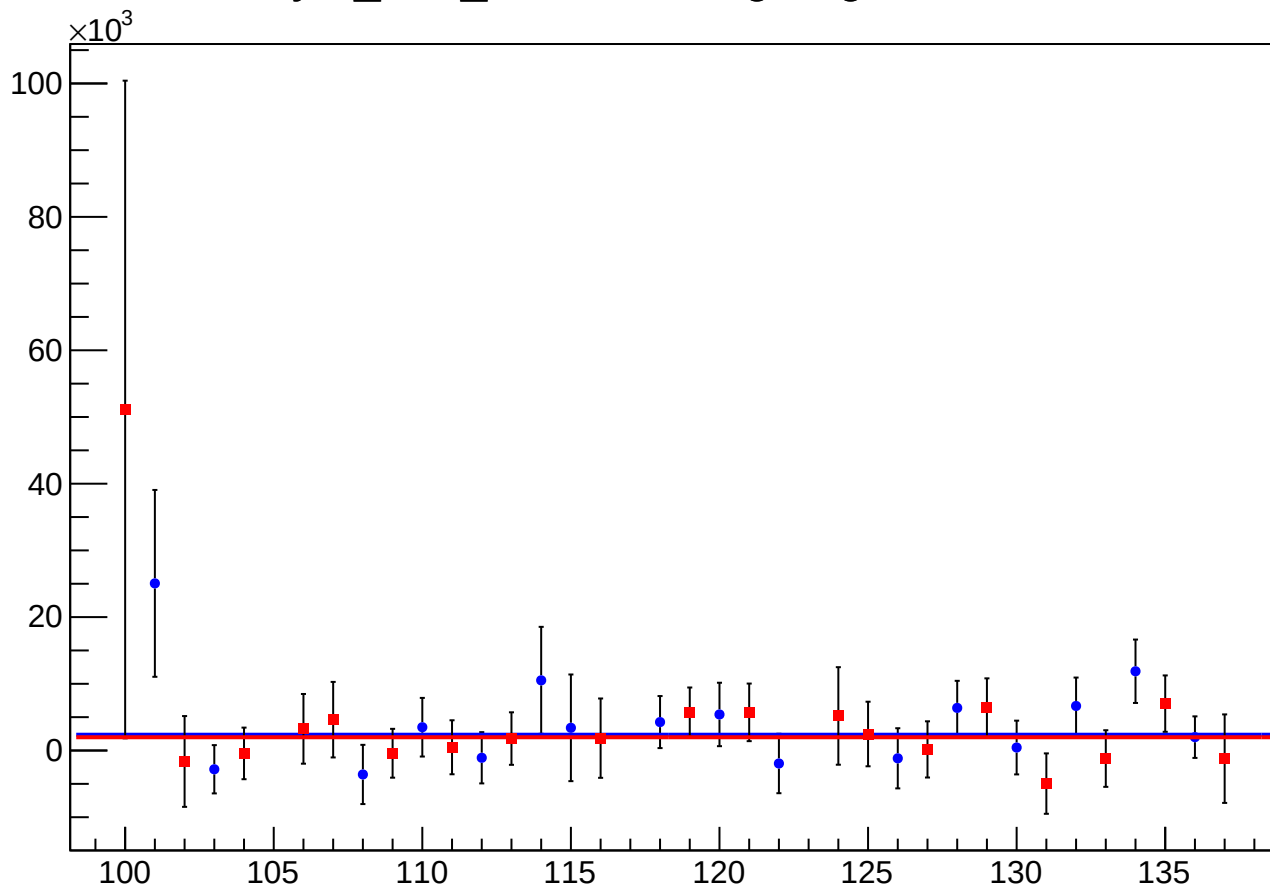
Right: 574.453+/-0.113 χ^2/NDF : 3511070.4/34

In: 594.858+/-0.168 χ^2/NDF : 1852649.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 574.453+/-0.113 χ^2/NDF : 3511070.4/34

asym_atr1_mean vs Slug, Sign Corrected



Right In: 2367.173+/-1106.203 χ^2/NDF : 16.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1987.039+/-1075.310 χ^2/NDF : 10.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

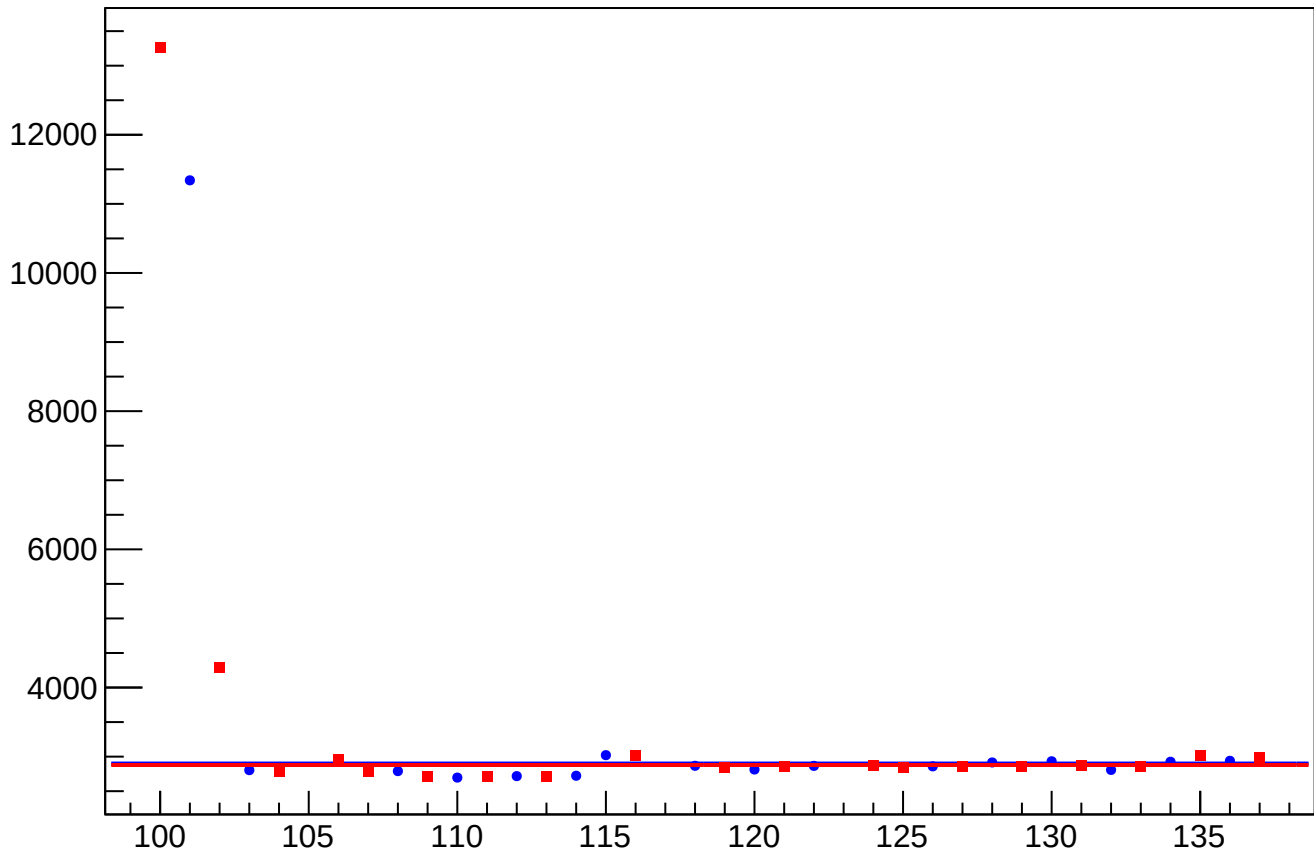
Right: 2171.724+/-771.049 χ^2/NDF : 27.2/34

In: 2367.173+/-1106.203 χ^2/NDF : 16.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2171.724+/-771.049 χ^2/NDF : 27.2/34

asym_atr1_rms vs Slug, Sign Corrected



Right In: 2899.827+/-0.782 χ^2/NDF : 741818.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2878.957+/-0.760 χ^2/NDF : 193282.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

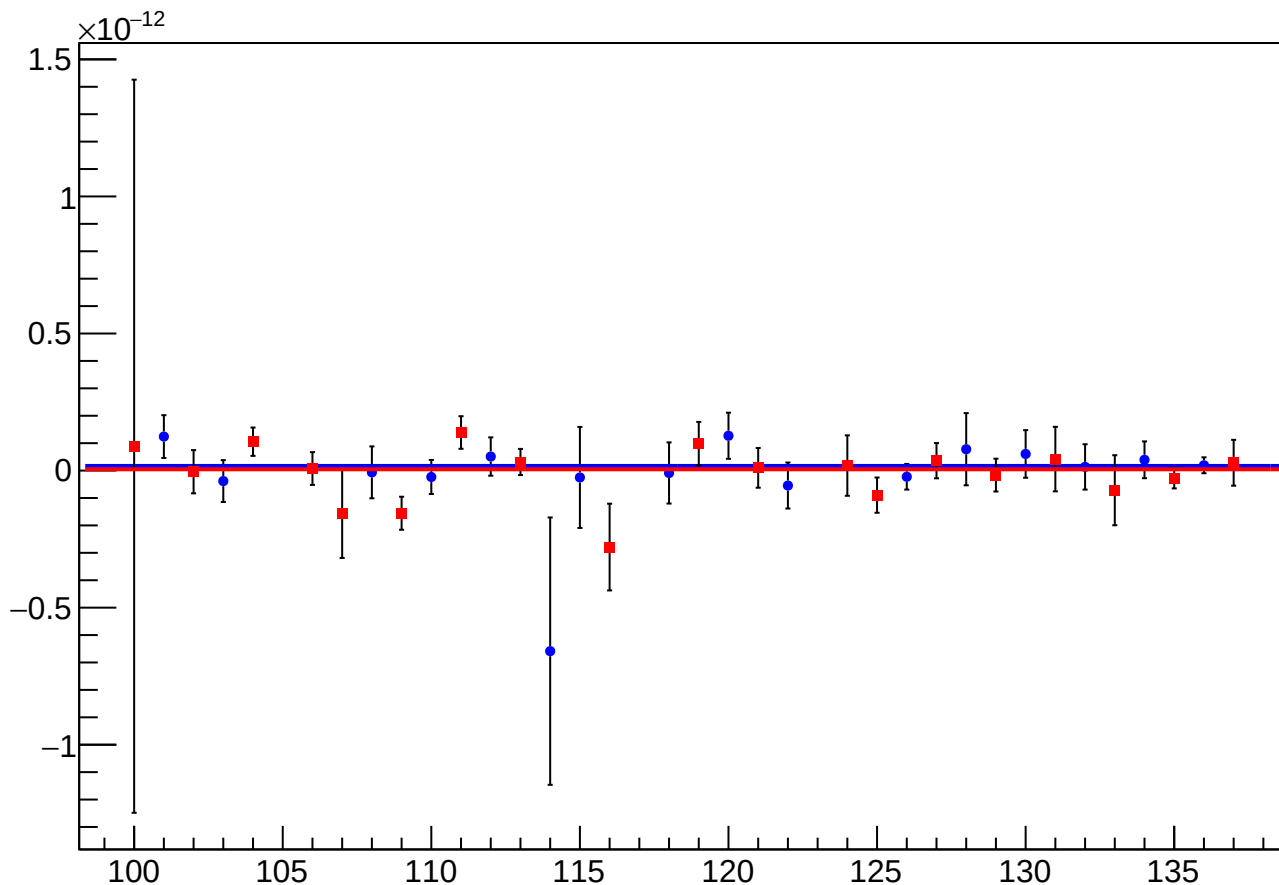
Right: 2889.097+/-0.545 χ^2/NDF : 935466.6/34

In: 2899.827+/-0.782 χ^2/NDF : 741818.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2889.097+/-0.545 χ^2/NDF : 935466.6/34

asym_atr1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

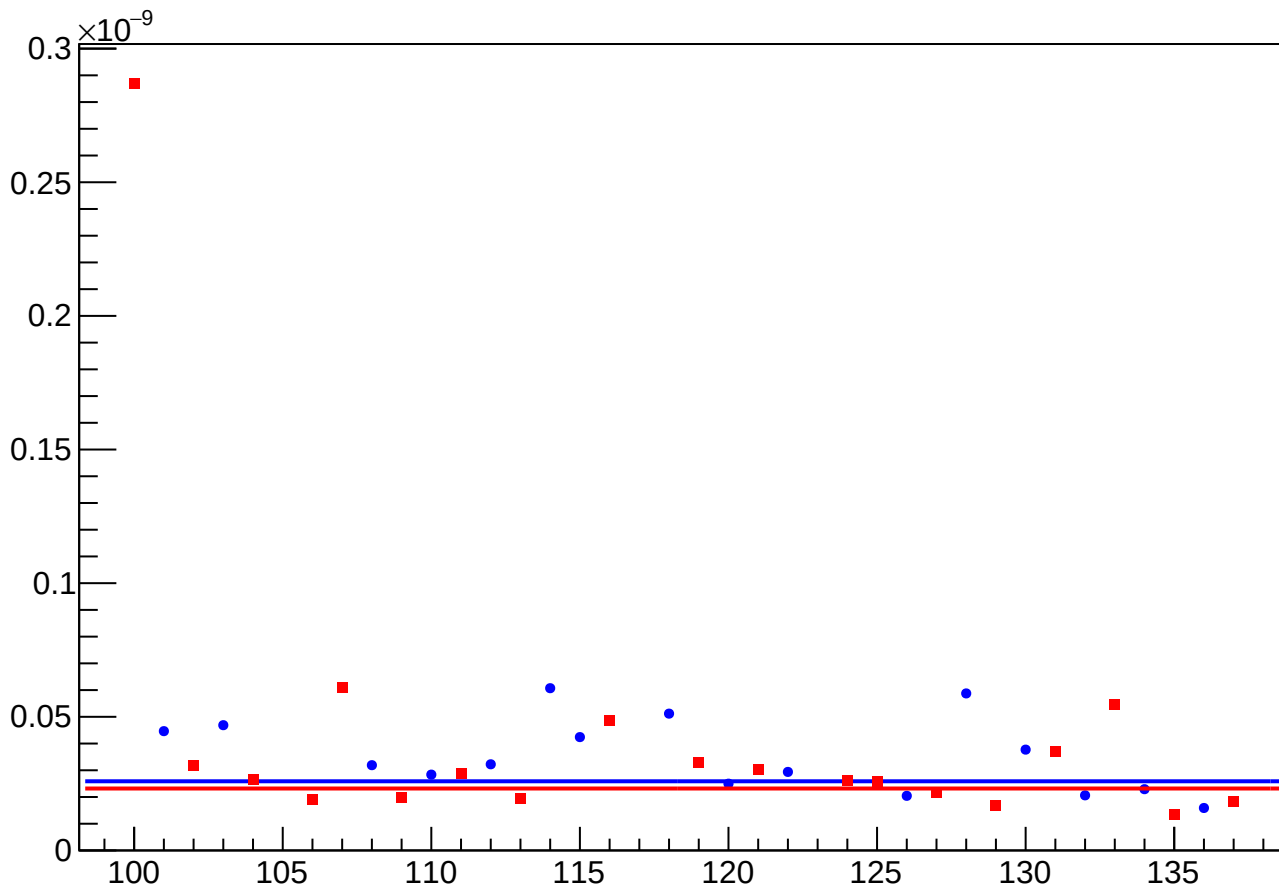
Right: 0.000+/-0.000 χ^2/NDF : 34.9/34

In: 0.000+/-0.000 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.9/34

asym_atr1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2 /NDF: 865479.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 688853.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

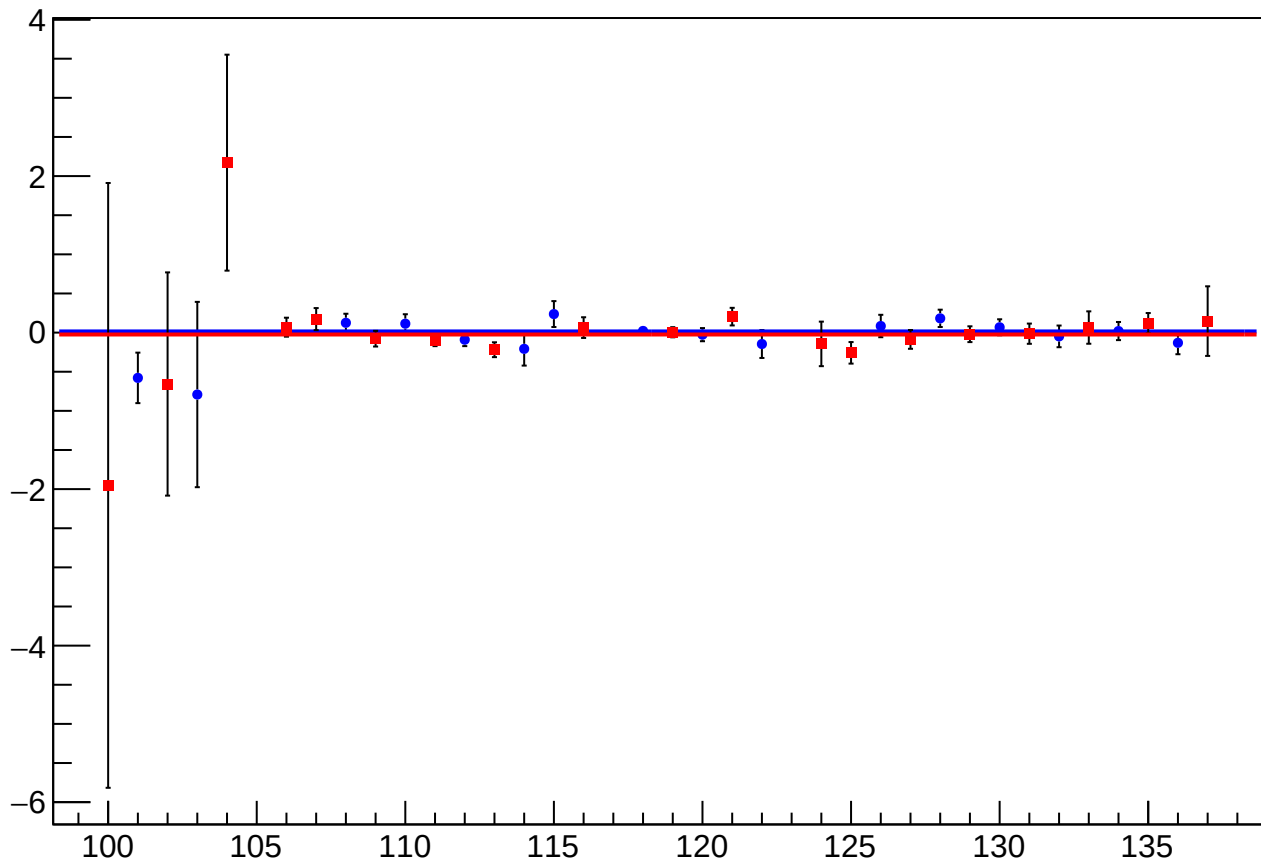
Right: 0.000+/-0.000 χ^2 /NDF: 1581998.9/34

In: 0.000+/-0.000 χ^2 /NDF:865479.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 1581998.9/34

asym_atr1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.028 χ^2 /NDF: 15.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.028 χ^2 /NDF: 20.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

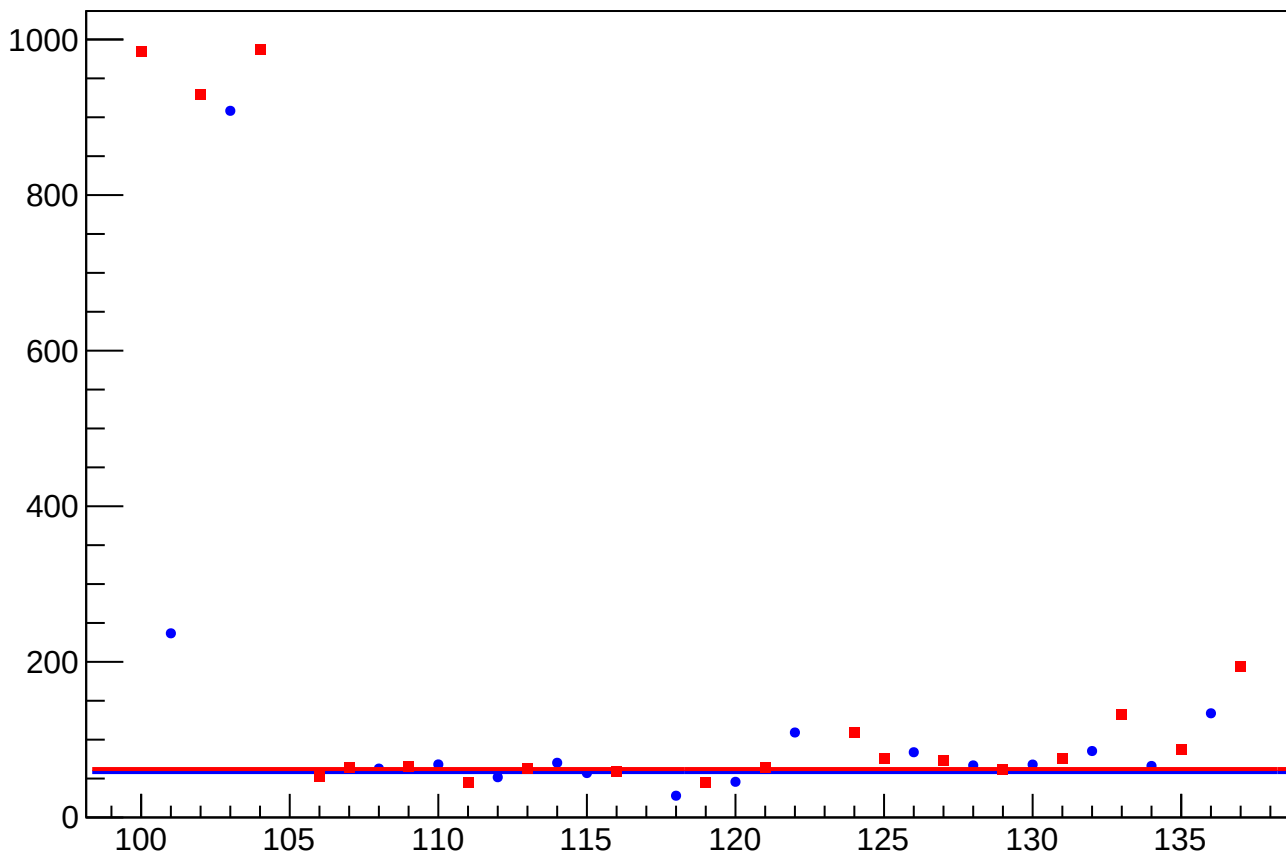
Right: -0.004 $\pm$ 0.020 χ^2 /NDF: 36.8/34

In: 0.015 $\pm$ 0.028 χ^2 /NDF:15.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.020 χ^2 /NDF: 36.8/34

asym_atr1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.313+/-0.020 χ^2/NDF : 3260404.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.235+/-0.020 χ^2/NDF : 2627030.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

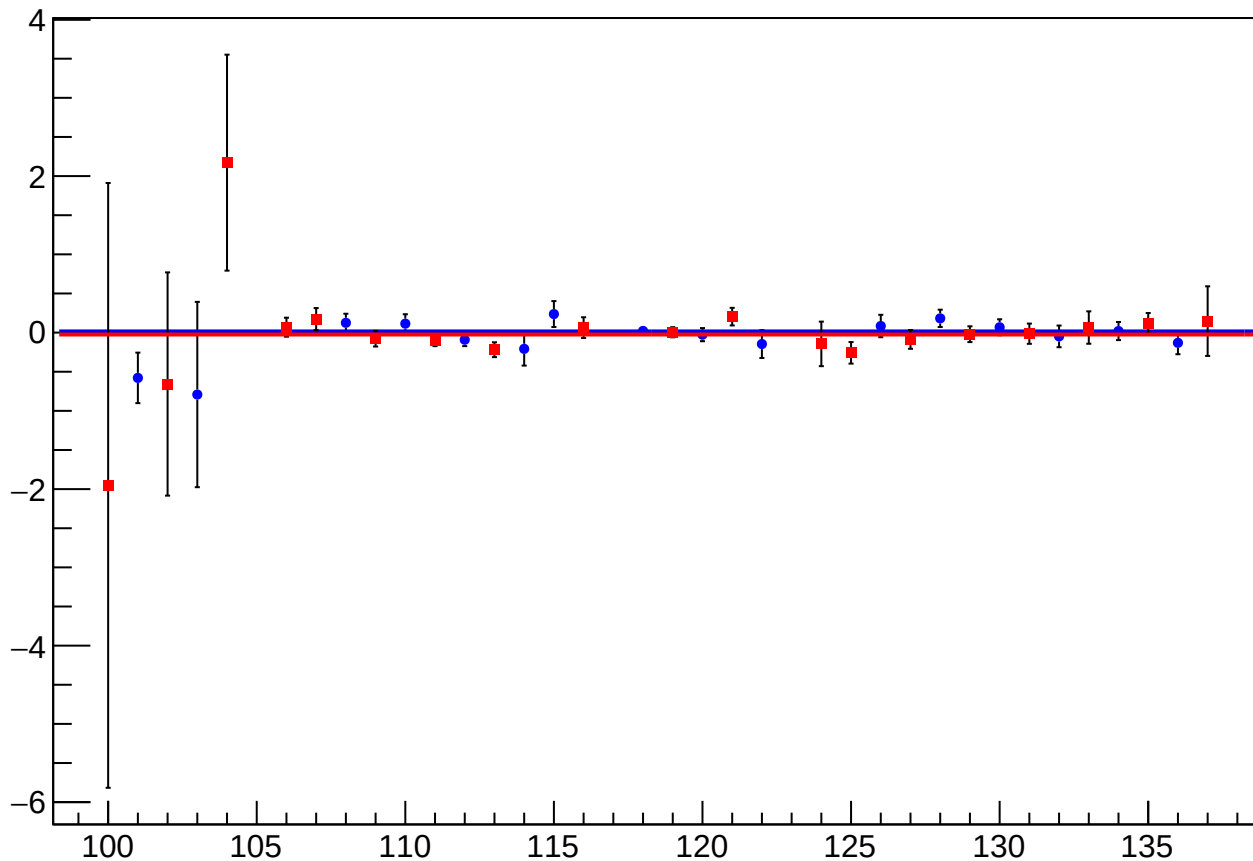
Right: 60.260+/-0.014 χ^2/NDF : 5907159.6/34

In: 58.313+/-0.020 χ^2/NDF : 3260404.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.260+/-0.014 χ^2/NDF : 5907159.6/34

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.028 χ^2/NDF : 20.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

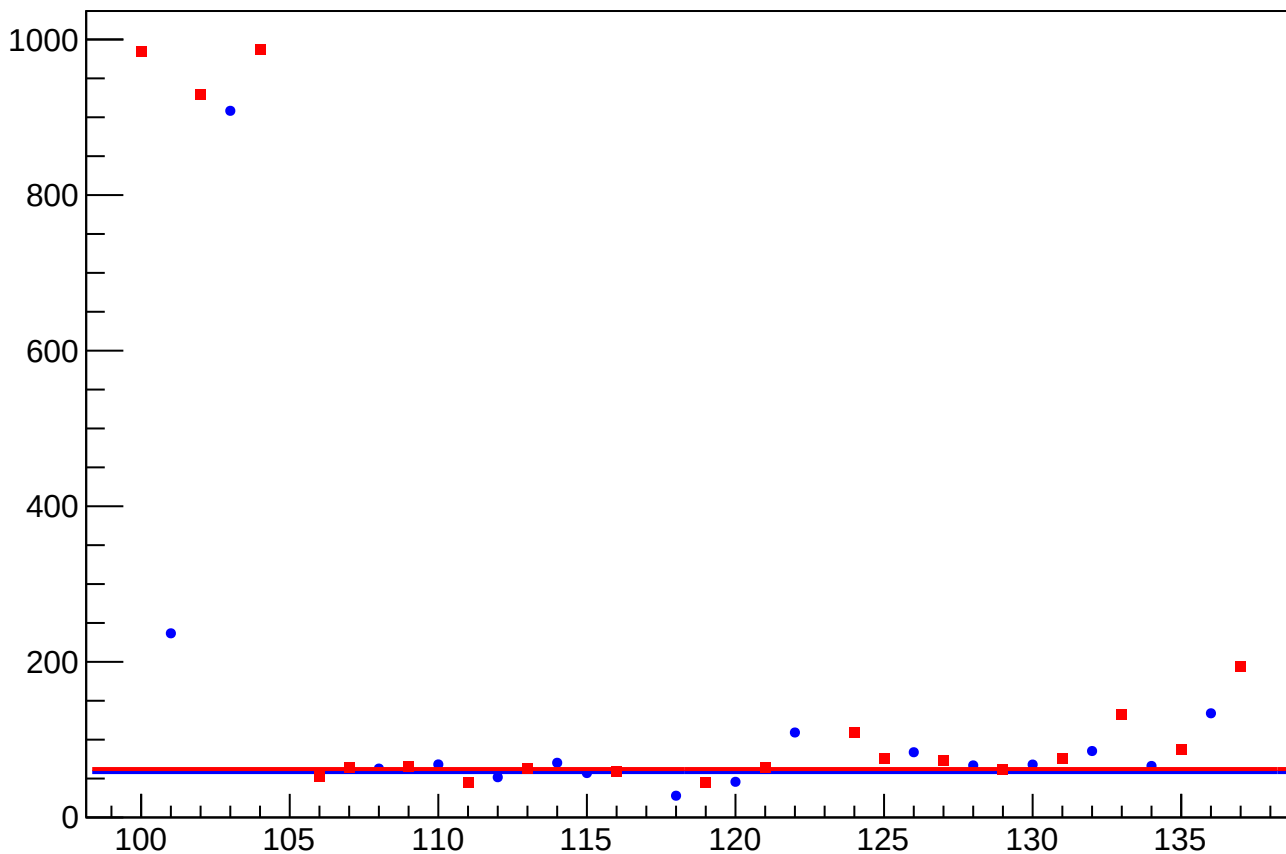
Right: -0.004+/-0.020 χ^2/NDF : 36.8/34

In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.020 χ^2/NDF : 36.8/34

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.313 $\pm$ 0.020 χ^2 /NDF: 3260404.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.235 $\pm$ 0.020 χ^2 /NDF: 2627030.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

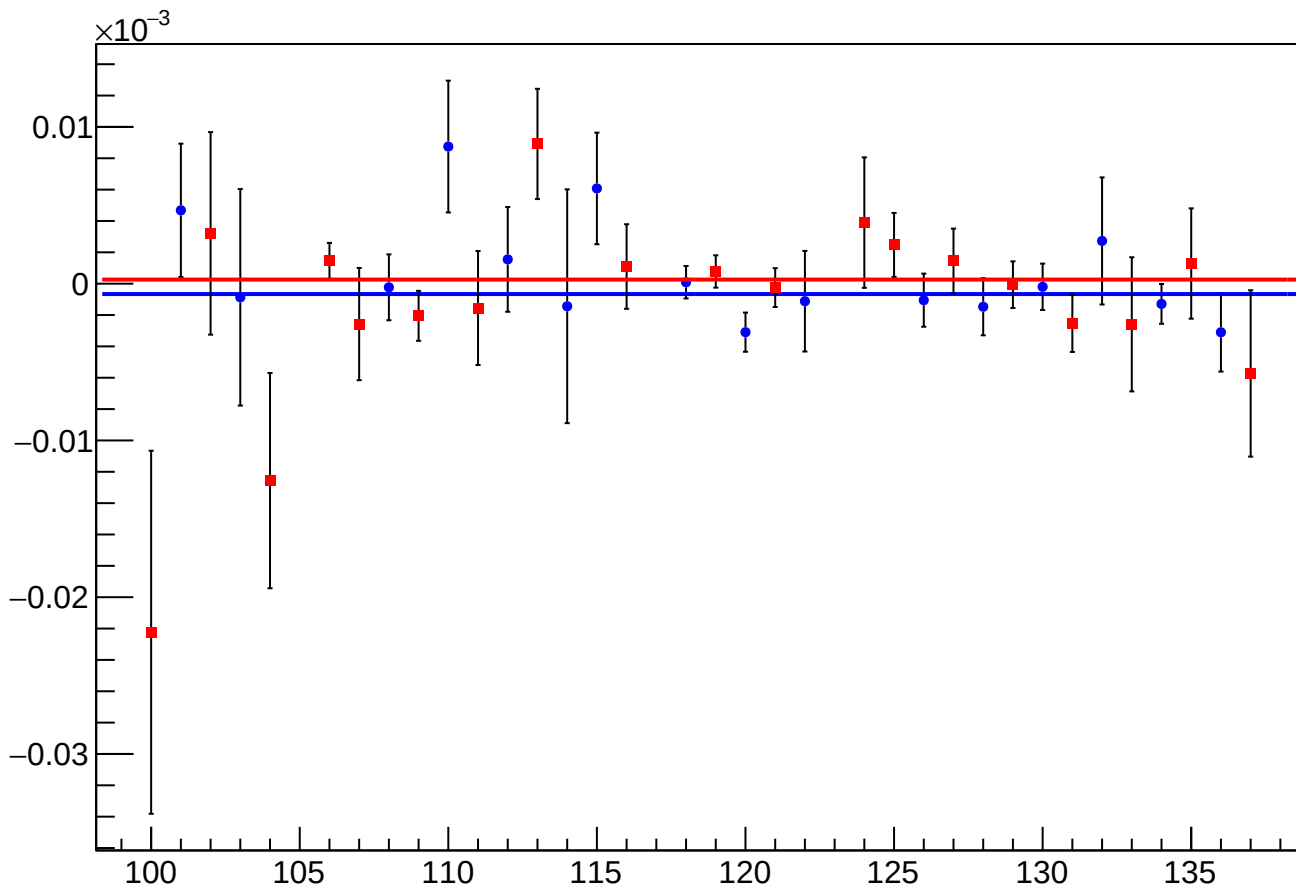
Right: 60.260 $\pm$ 0.014 χ^2 /NDF: 5907159.6/34

In: 58.313 $\pm$ 0.020 χ^2 /NDF:3260404.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.260 $\pm$ 0.014 χ^2 /NDF: 5907159.6/34

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 17.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 24.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

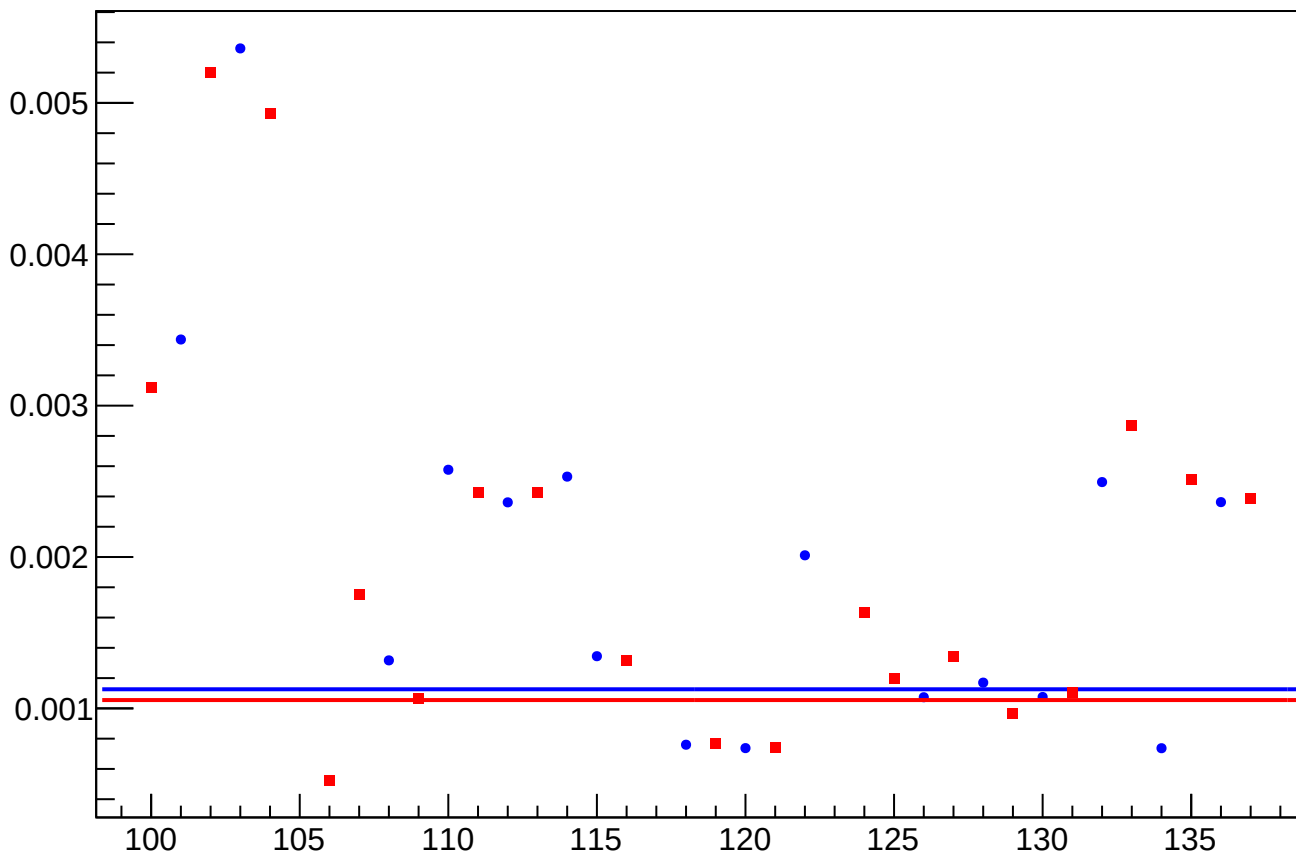
Right: -0.000+/-0.000 χ^2 /NDF: 43.7/34

In: -0.000+/-0.000 χ^2 /NDF:17.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 43.7/34

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 3453081.7/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3848500.2/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 7323820.3/34

In: 0.001+/-0.000

χ^2/NDF : 3453081.7/15

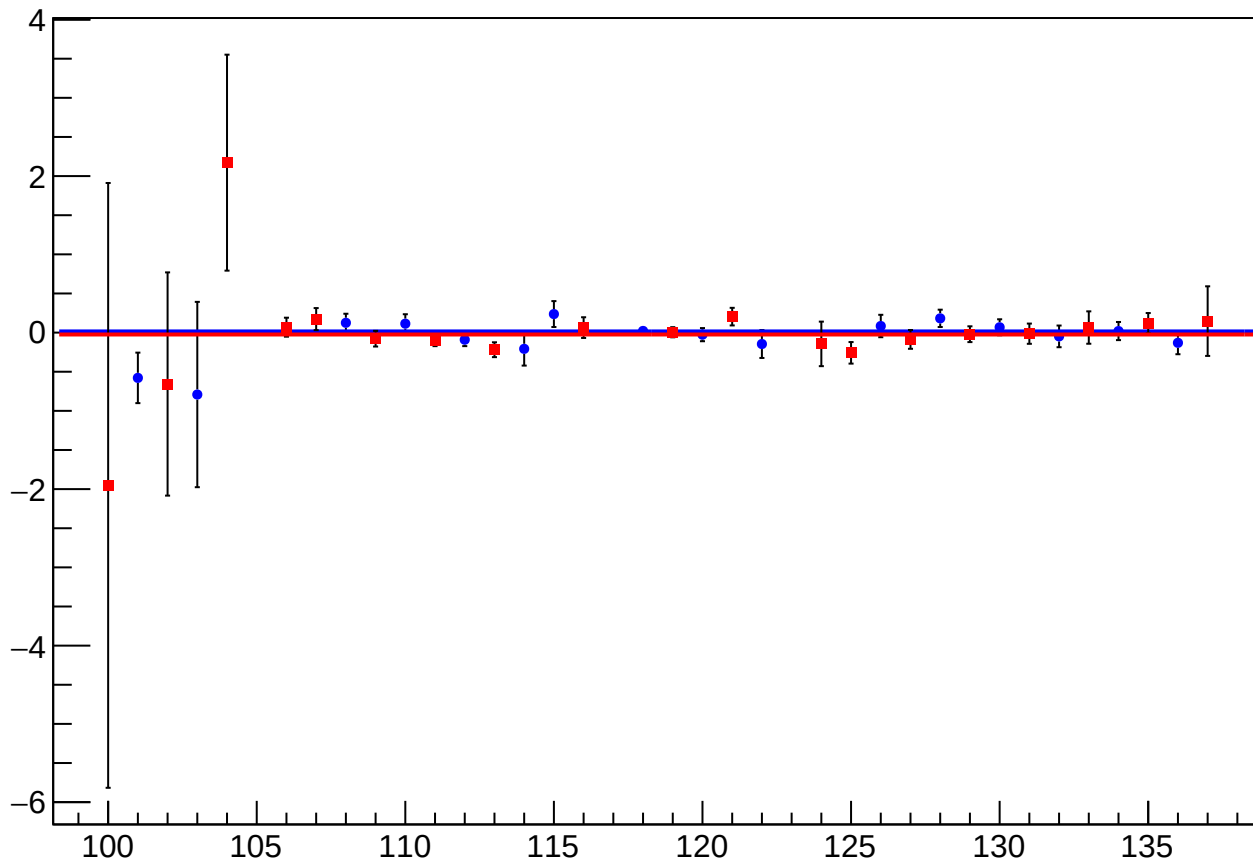
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 7323820.3/34

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.028 χ^2/NDF : 20.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

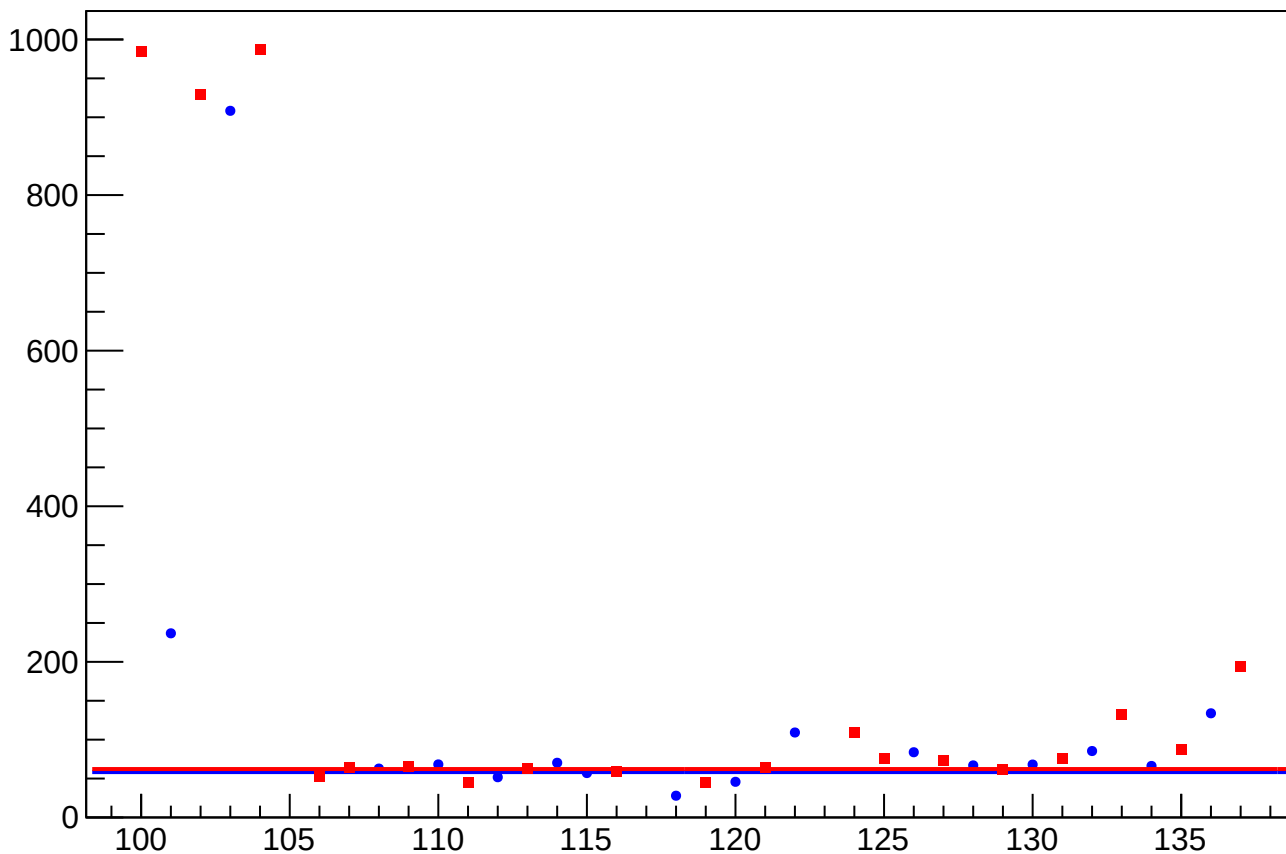
Right: -0.004+/-0.020 χ^2/NDF : 36.8/34

In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.020 χ^2/NDF : 36.8/34

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.312+/-0.020 χ^2/NDF : 3260484.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.235+/-0.020 χ^2/NDF : 2627022.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

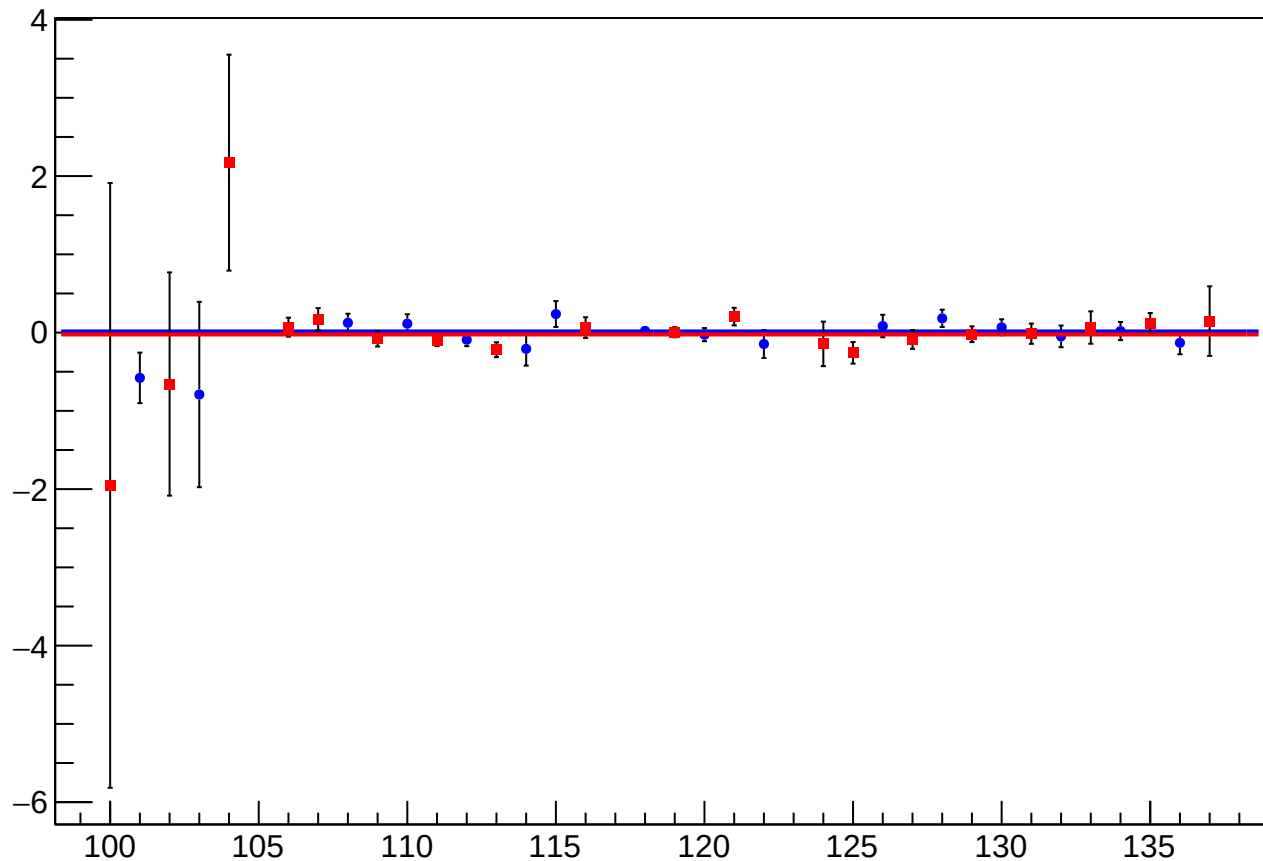
Right: 60.260+/-0.014 χ^2/NDF : 5907238.5/34

In: 58.312+/-0.020 χ^2/NDF : 3260484.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.260+/-0.014 χ^2/NDF : 5907238.5/34

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.024+/-0.028 χ^2/NDF : 20.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

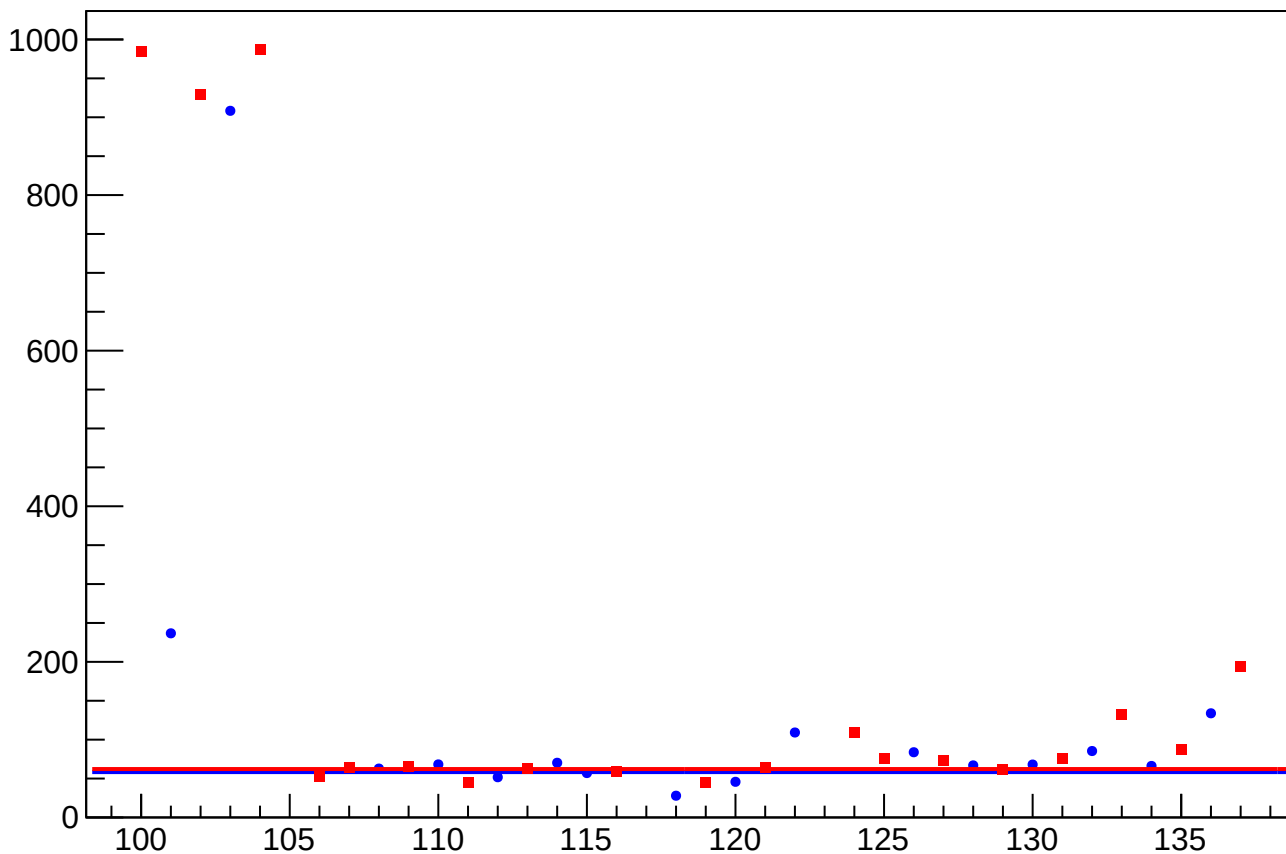
Right: -0.004+/-0.020 χ^2/NDF : 36.8/34

In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.020 χ^2/NDF : 36.8/34

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 58.312 $\pm$ 0.020 χ^2 /NDF: 3260484.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.235 $\pm$ 0.020 χ^2 /NDF: 2627022.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

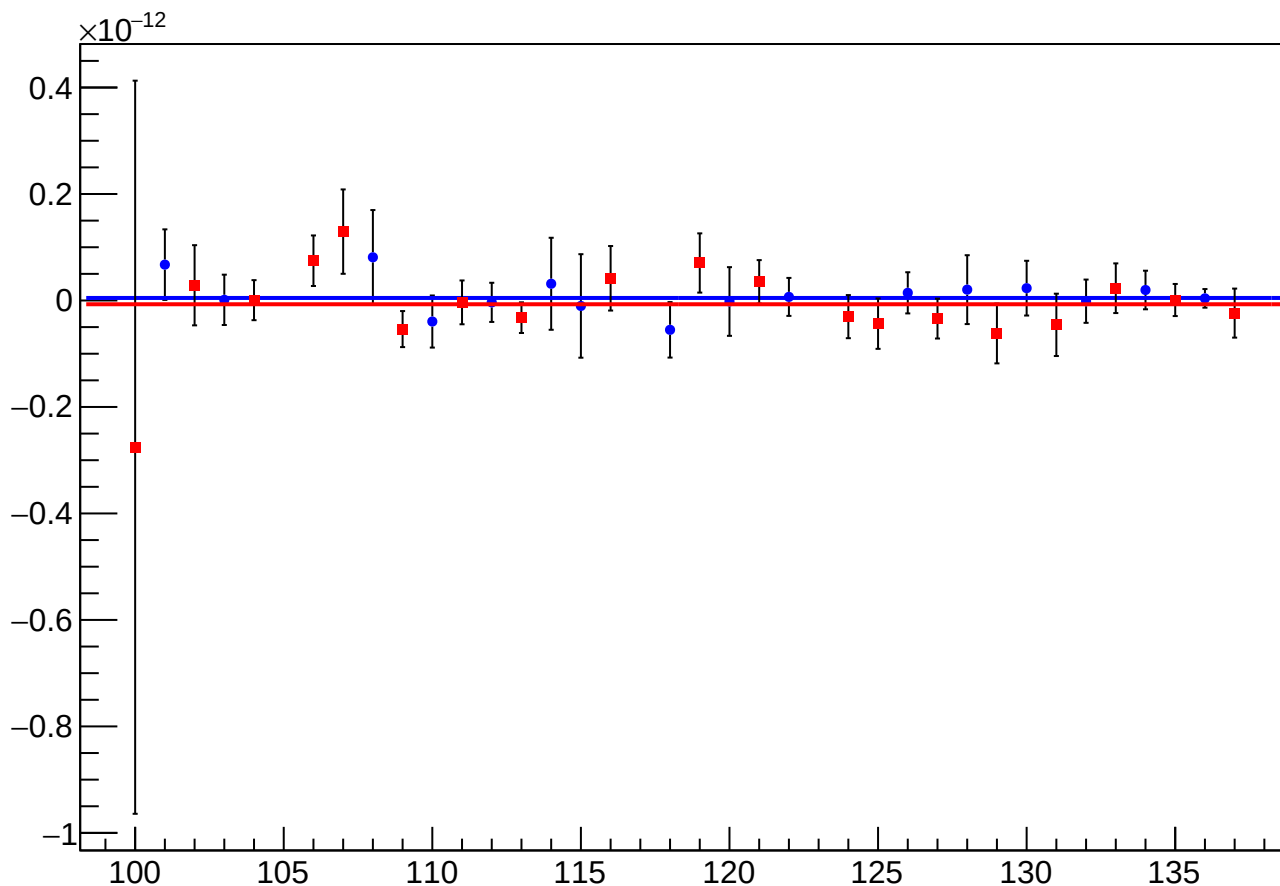
Right: 60.260 $\pm$ 0.014 χ^2 /NDF: 5907238.5/34

In: 58.312 $\pm$ 0.020 χ^2 /NDF:3260484.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.260 $\pm$ 0.014 χ^2 /NDF: 5907238.5/34

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

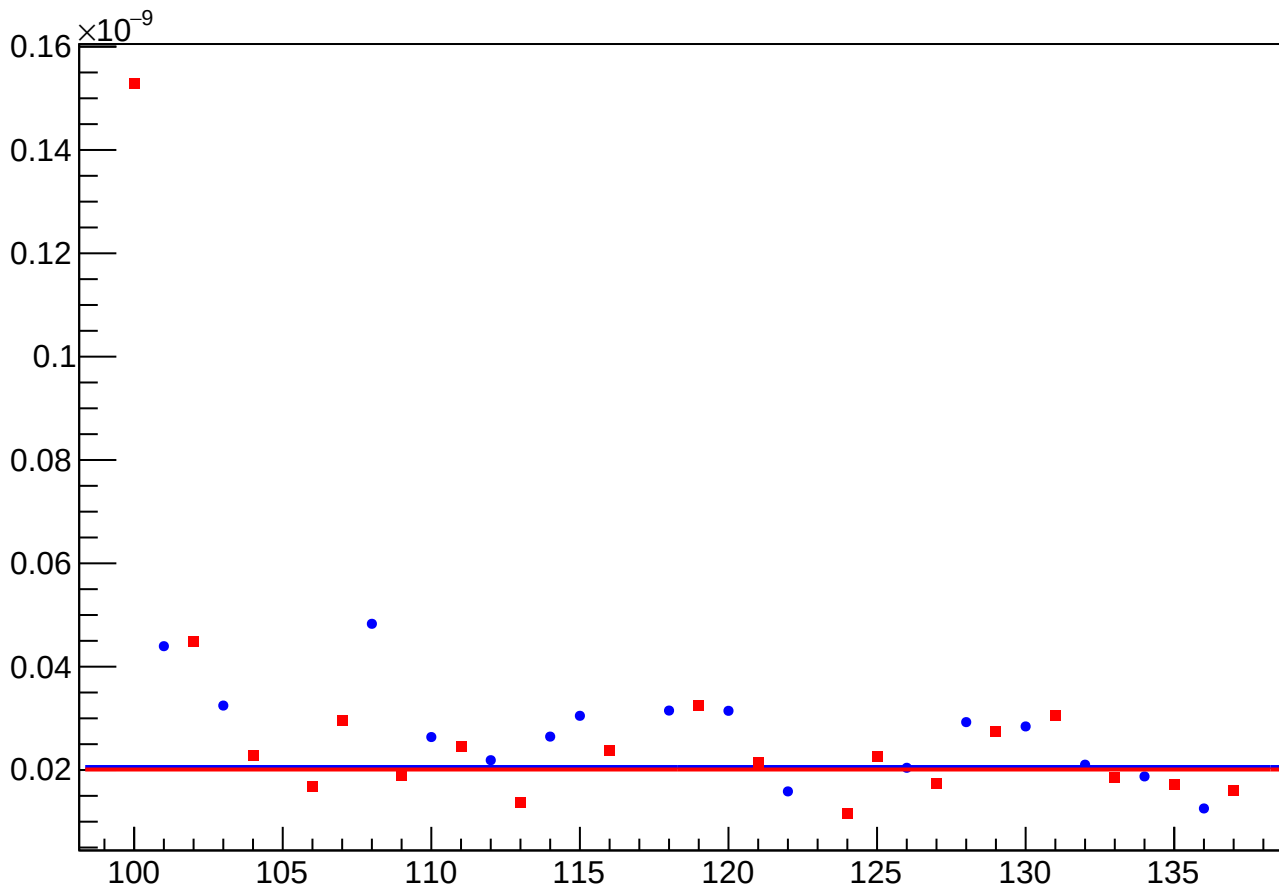
Right: -0.000+/-0.000 χ^2/NDF : 21.2/34

In: 0.000+/-0.000 χ^2/NDF : 4.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 21.2/34

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1319631.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 812191.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

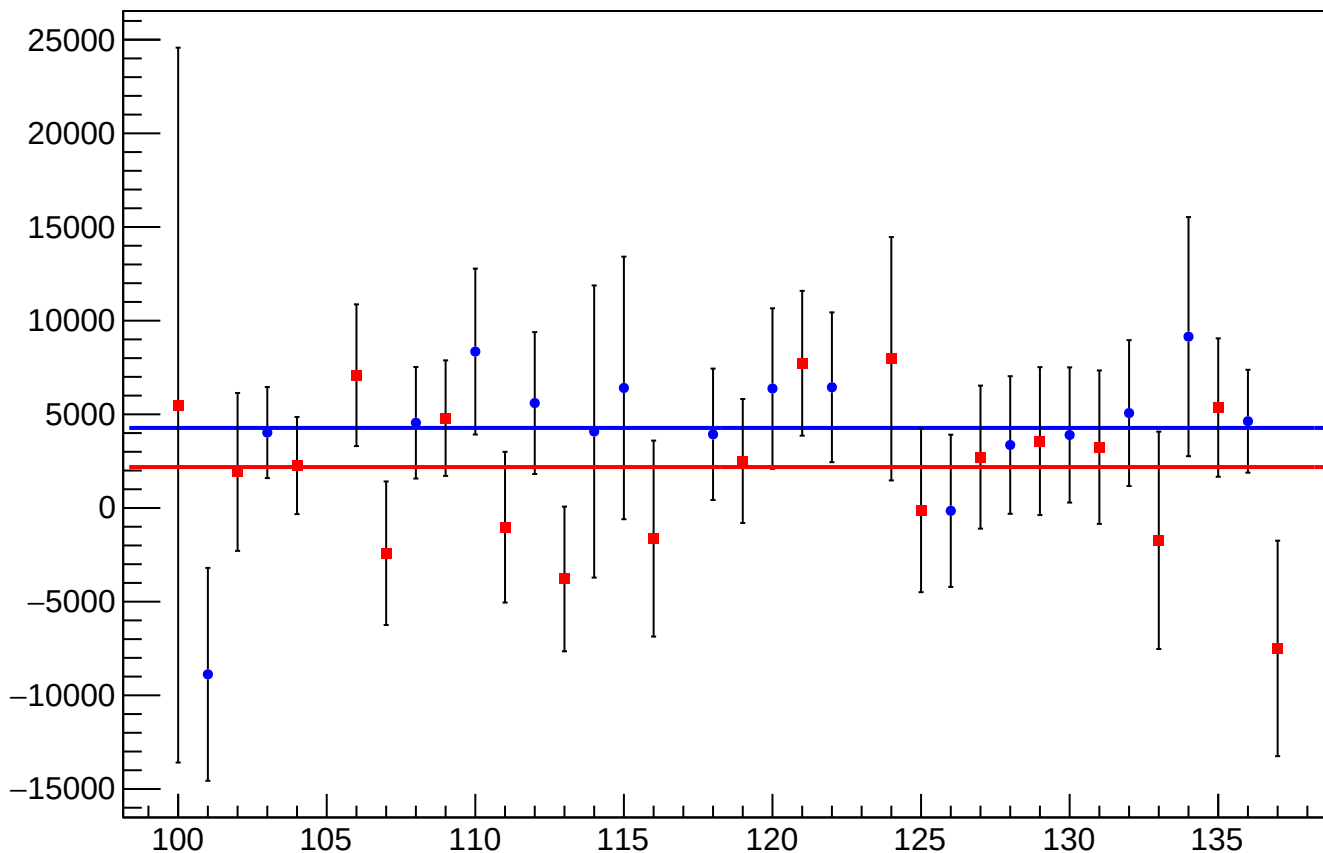
Right: 0.000+/-0.000 χ^2/NDF : 2134051.1/34

In: 0.000+/-0.000 χ^2/NDF : 1319631.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2134051.1/34

reg_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4274.393+/-951.956 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.264+/-922.104 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

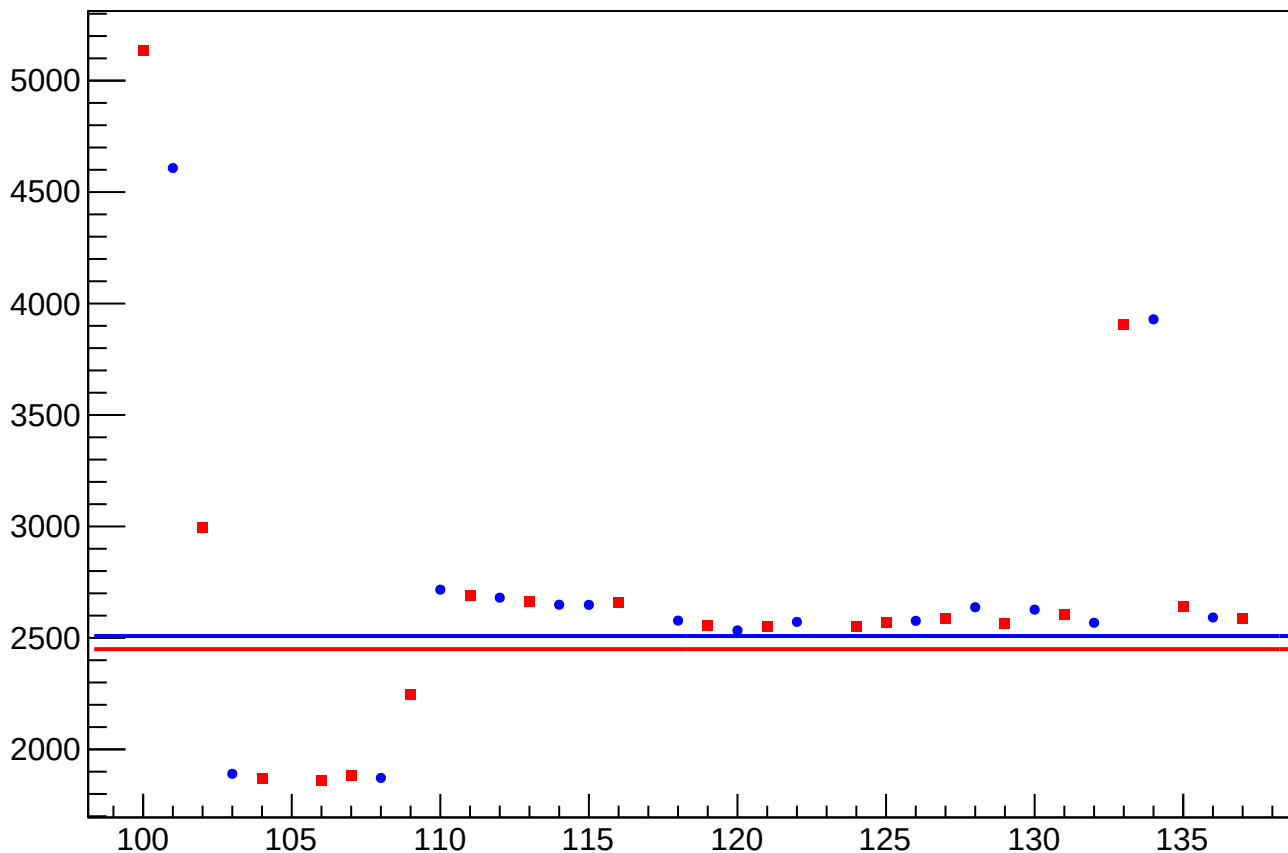
Right: 3197.075+/-662.328 χ^2/NDF : 26.2/34

In: 4274.393+/-951.956 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3197.075+/-662.328 χ^2/NDF : 26.2/34

reg_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2508.466+/-0.673 χ^2/NDF : 611589.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.623+/-0.652 χ^2/NDF : 436901.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

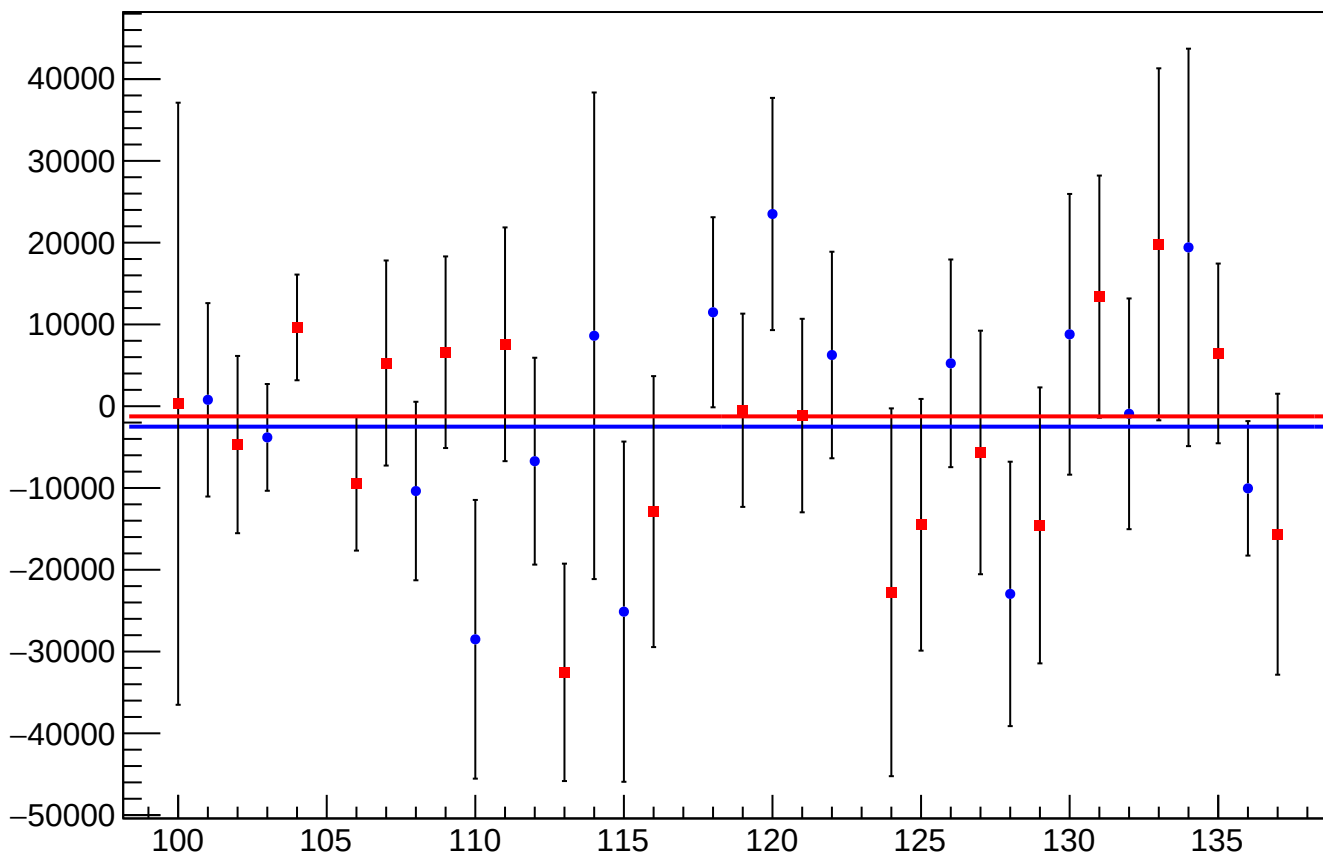
Right: 2478.107+/-0.468 χ^2/NDF : 1052433.3/34

In: 2508.466+/-0.673 χ^2/NDF : 611589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.107+/-0.468 χ^2/NDF : 1052433.3/34

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2500.602 $\pm$ 3075.580 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1244.352 $\pm$ 2852.739 χ^2 /NDF: 16.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

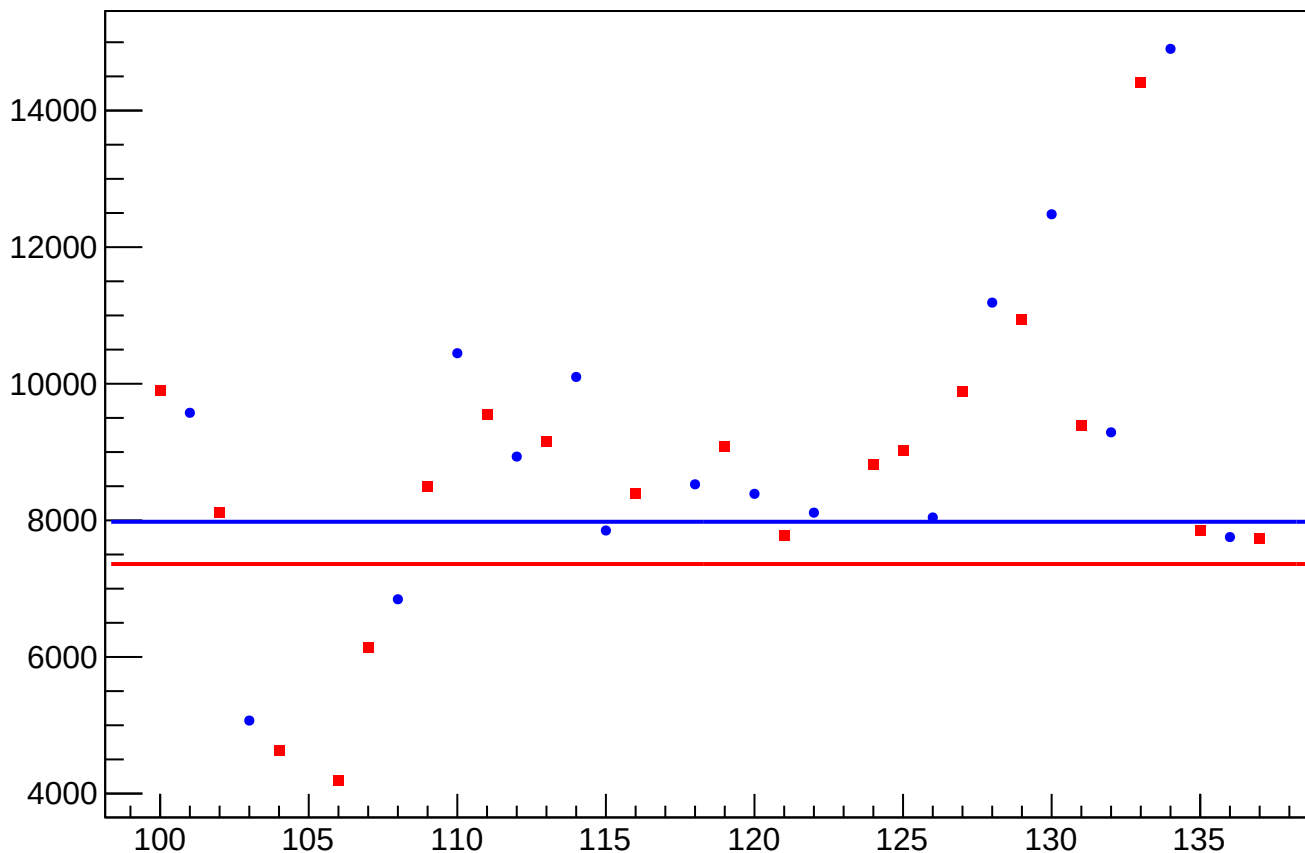
Right: -1825.322 $\pm$ 2091.539 χ^2 /NDF: 30.4/34

In: -2500.602 $\pm$ 3075.580 χ^2 /NDF:13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1825.322 $\pm$ 2091.539 χ^2 /NDF: 30.4/34

asym_atr2_reg_correction_rms vs Slug, Sign Corrected



Right In: 7979.488+/-2.175 χ^2/NDF : 923083.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7360.741+/-2.017 χ^2/NDF : 1286008.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

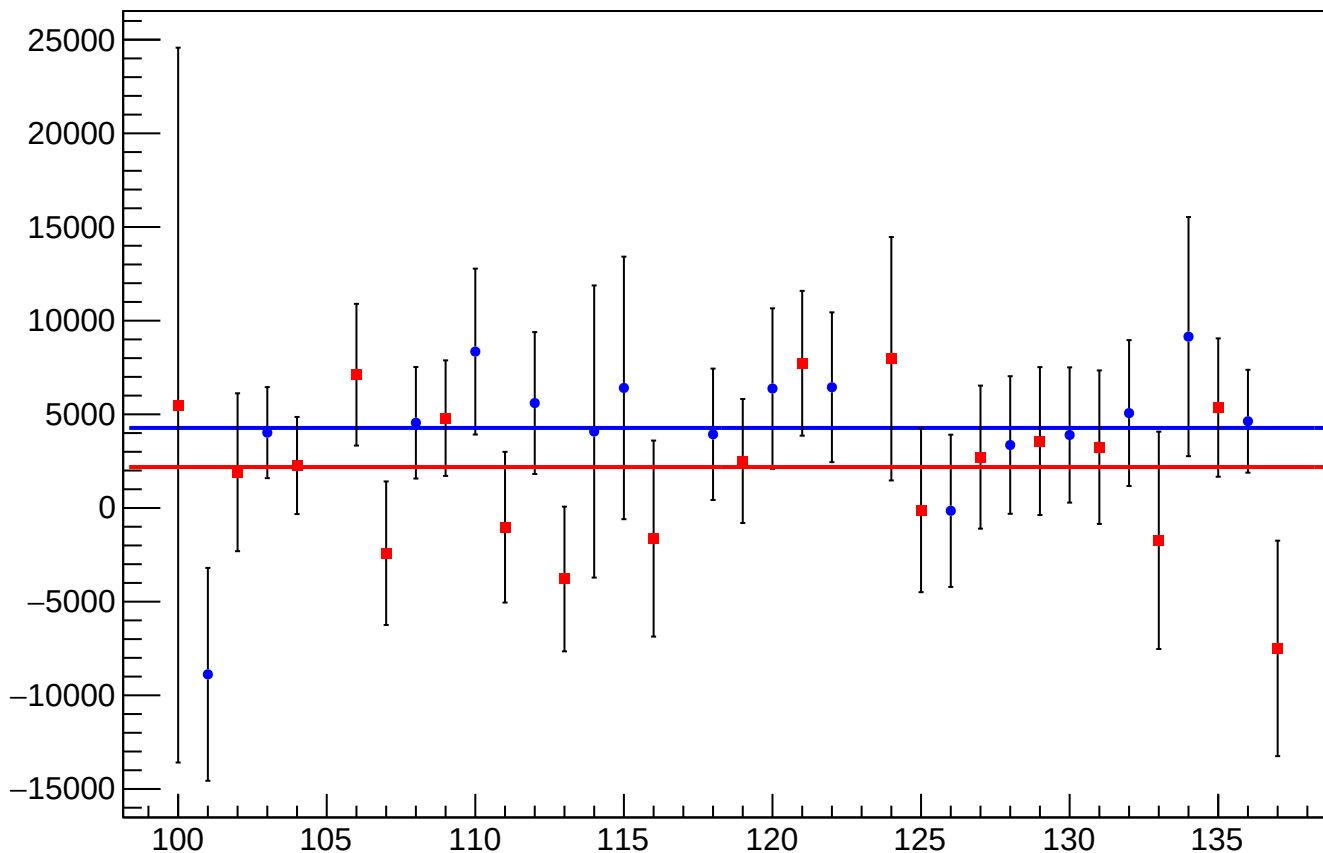
Right: 7646.889+/-1.479 χ^2/NDF : 2252604.4/34

In: 7979.488+/-2.175 χ^2/NDF : 923083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7646.889+/-1.479 χ^2/NDF : 2252604.4/34

cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4273.903 $\pm$ 951.956 χ^2 /NDF: 8.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2186.887 $\pm$ 922.111 χ^2 /NDF: 14.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

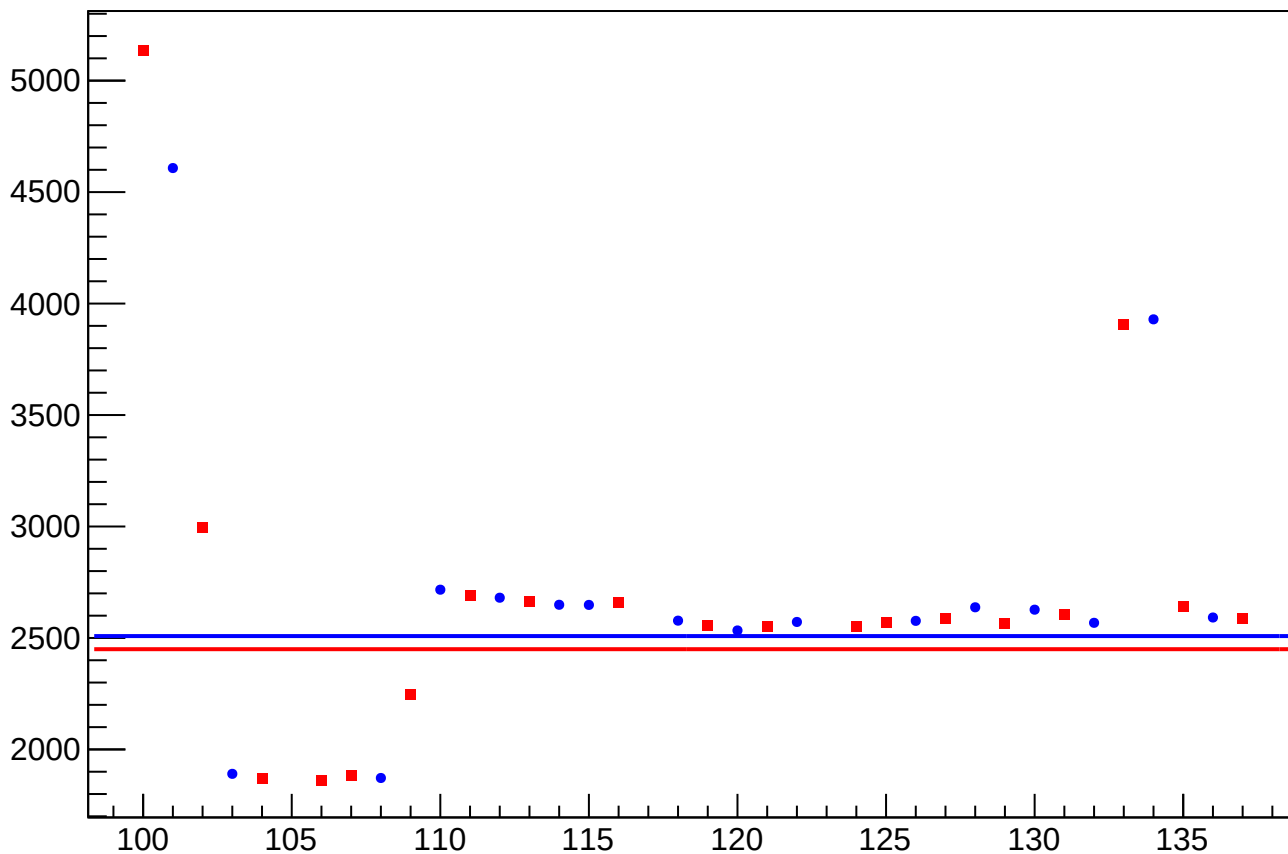
Right: 3197.167 $\pm$ 662.331 χ^2 /NDF: 26.2/34

In: 4273.903 $\pm$ 951.956 χ^2 /NDF:8.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3197.167 $\pm$ 662.331 χ^2 /NDF: 26.2/34

cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.647+/-0.652 χ^2/NDF : 436846.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

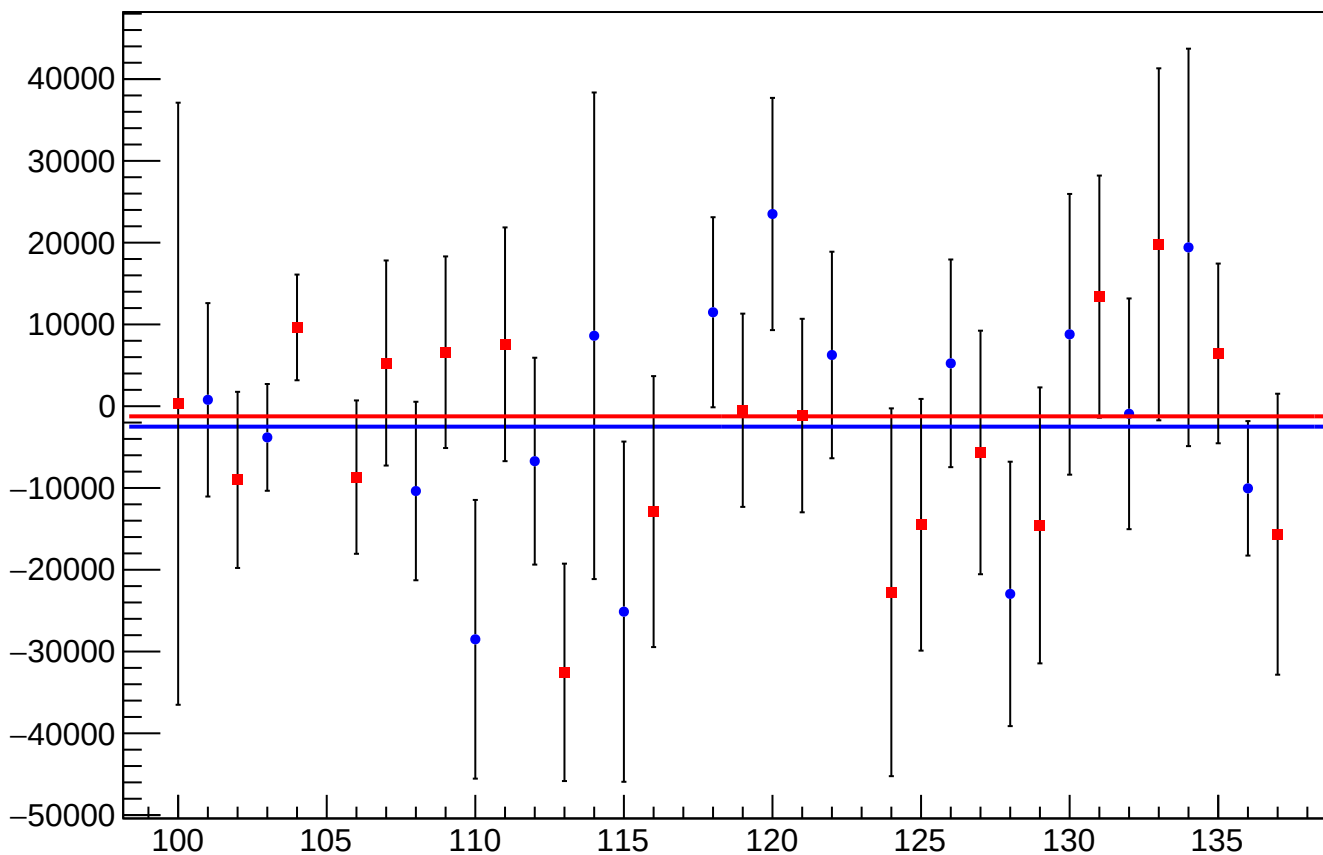
Right: 2478.121+/-0.468 χ^2/NDF : 1052373.5/34

In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.121+/-0.468 χ^2/NDF : 1052373.5/34

asym_atr2_cor_correction_mean vs Slug, Sign Corrected



Right In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1239.896+/-2893.464 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

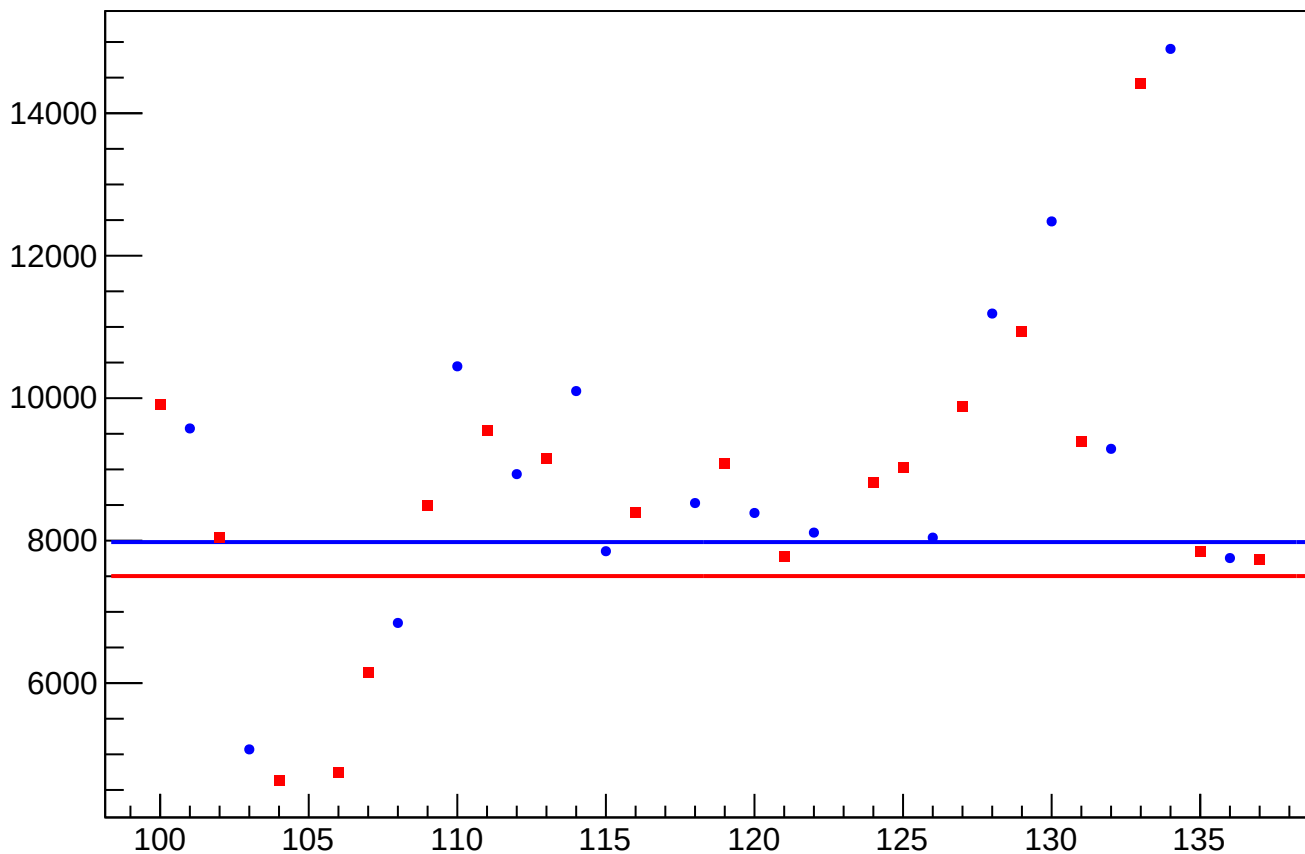
Right: -1831.698+/-2107.459 χ^2/NDF : 30.5/34

In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1831.698+/-2107.459 χ^2/NDF : 30.5/34

asym_atr2_cor_correction_rms vs Slug, Sign Corrected



Right In: 7979.812+/-2.175 χ^2/NDF : 922785.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7502.685+/-2.046 χ^2/NDF : 1135523.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

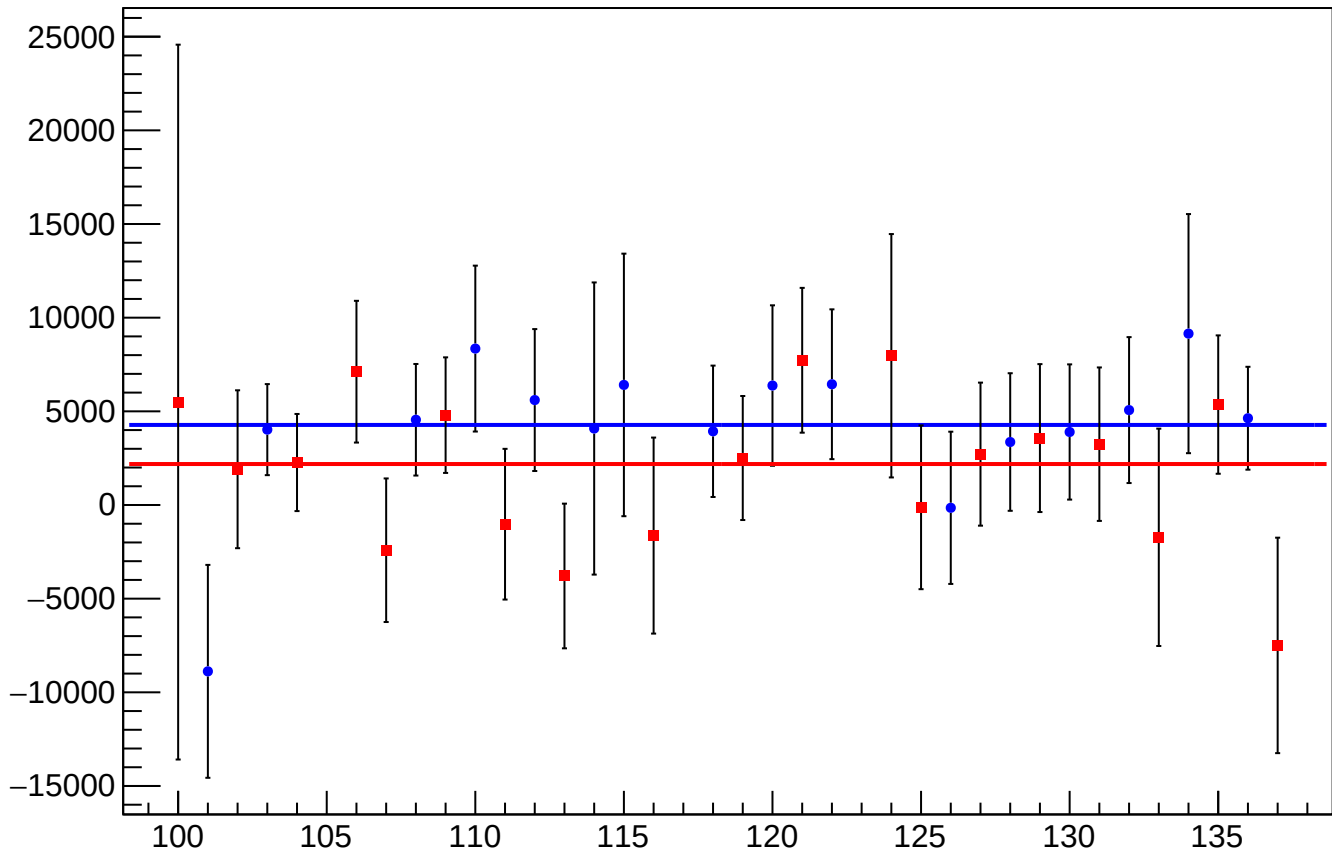
Right: 7726.698+/-1.490 χ^2/NDF : 2083841.8/34

In: 7979.812+/-2.175 χ^2/NDF : 922785.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7726.698+/-1.490 χ^2/NDF : 2083841.8/34

eigen_cor_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4273.903+/-951.956 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2186.887+/-922.111 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

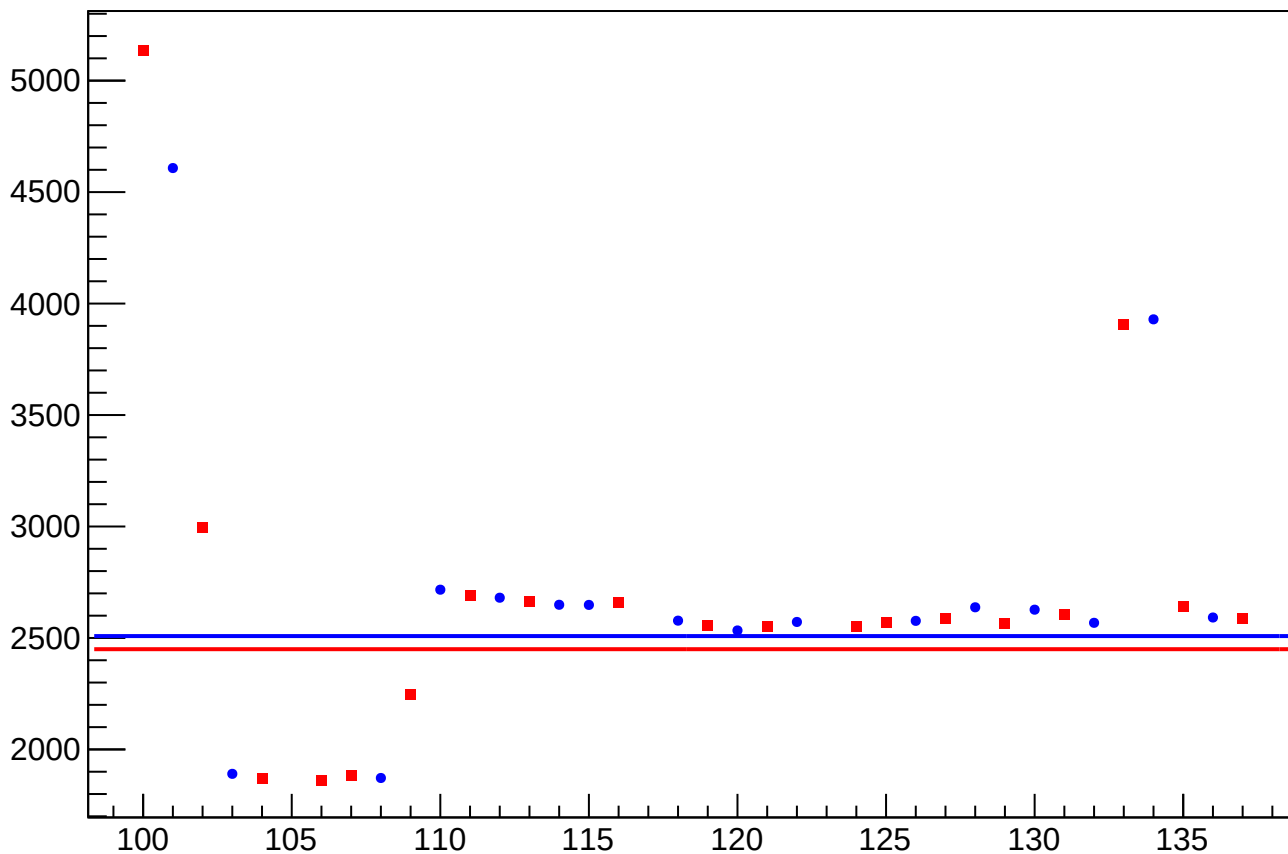
Right: 3197.167+/-662.331 χ^2/NDF : 26.2/34

In: 4273.903+/-951.956 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3197.167+/-662.331 χ^2/NDF : 26.2/34

eigen_cor_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.647+/-0.652 χ^2/NDF : 436846.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

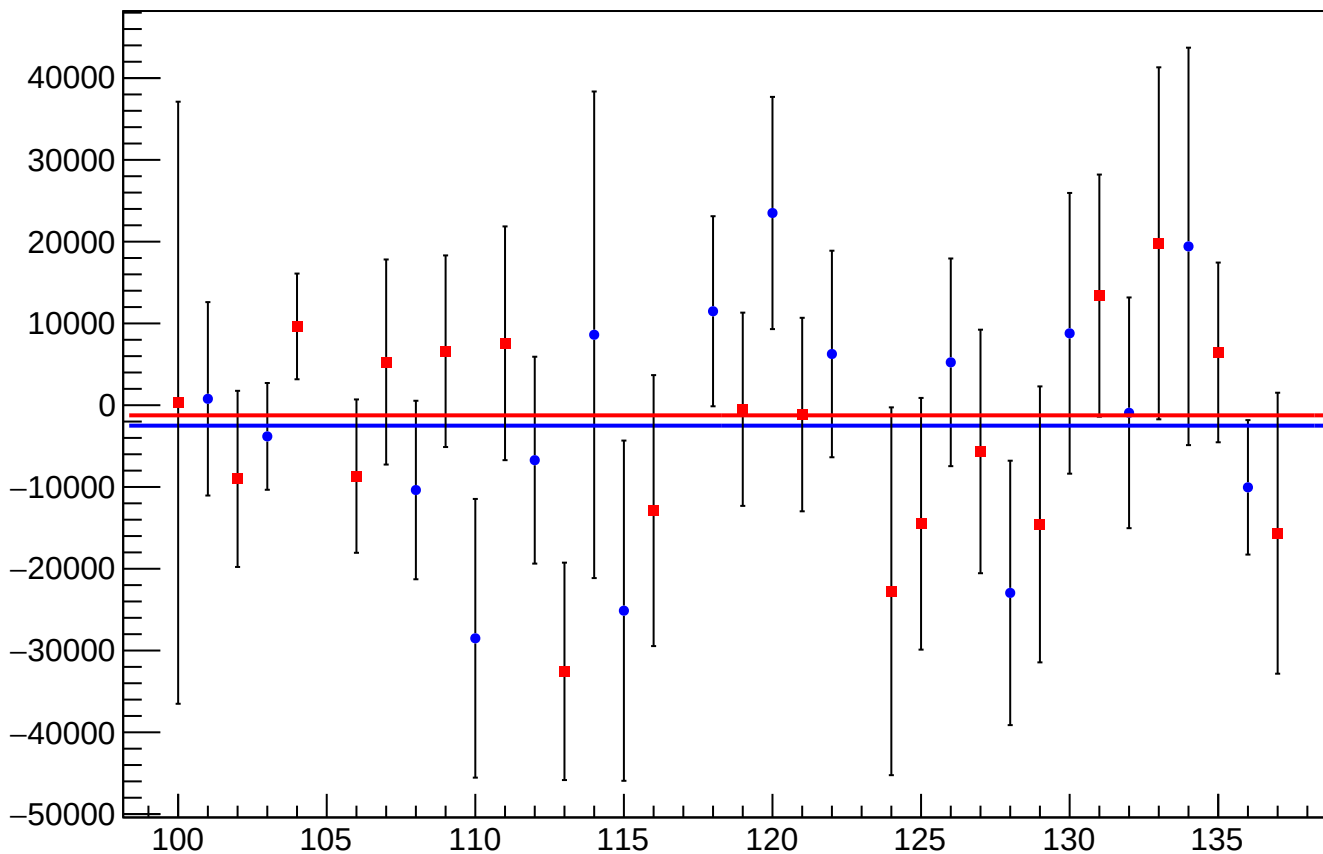
Right: 2478.121+/-0.468 χ^2/NDF : 1052373.5/34

In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2478.121+/-0.468 χ^2/NDF : 1052373.5/34

asym_atr2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1239.896+/-2893.464 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

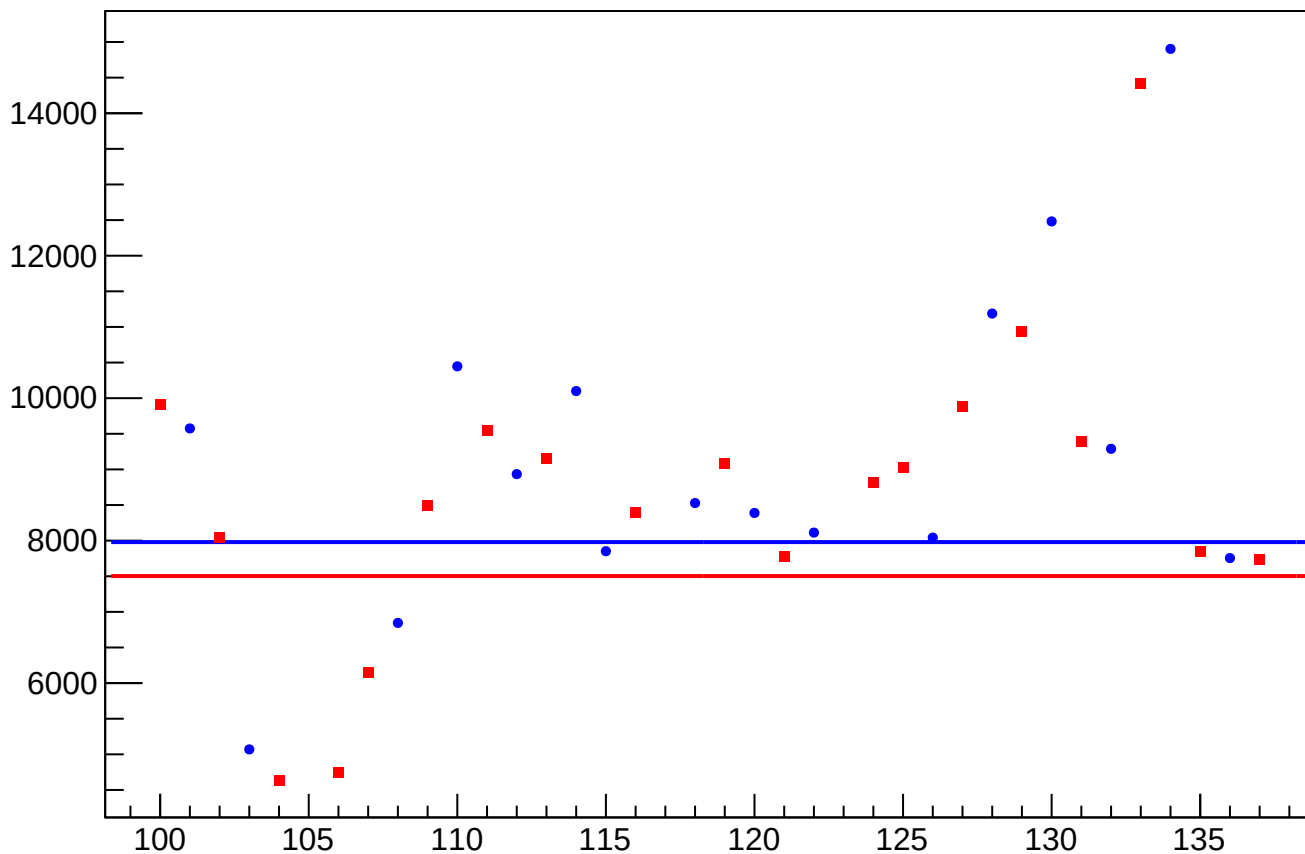
Right: -1831.698+/-2107.459 χ^2/NDF : 30.5/34

In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1831.698+/-2107.459 χ^2/NDF : 30.5/34

asym_atr2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7979.812+/-2.175 χ^2/NDF : 922785.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7502.685+/-2.046 χ^2/NDF : 1135523.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

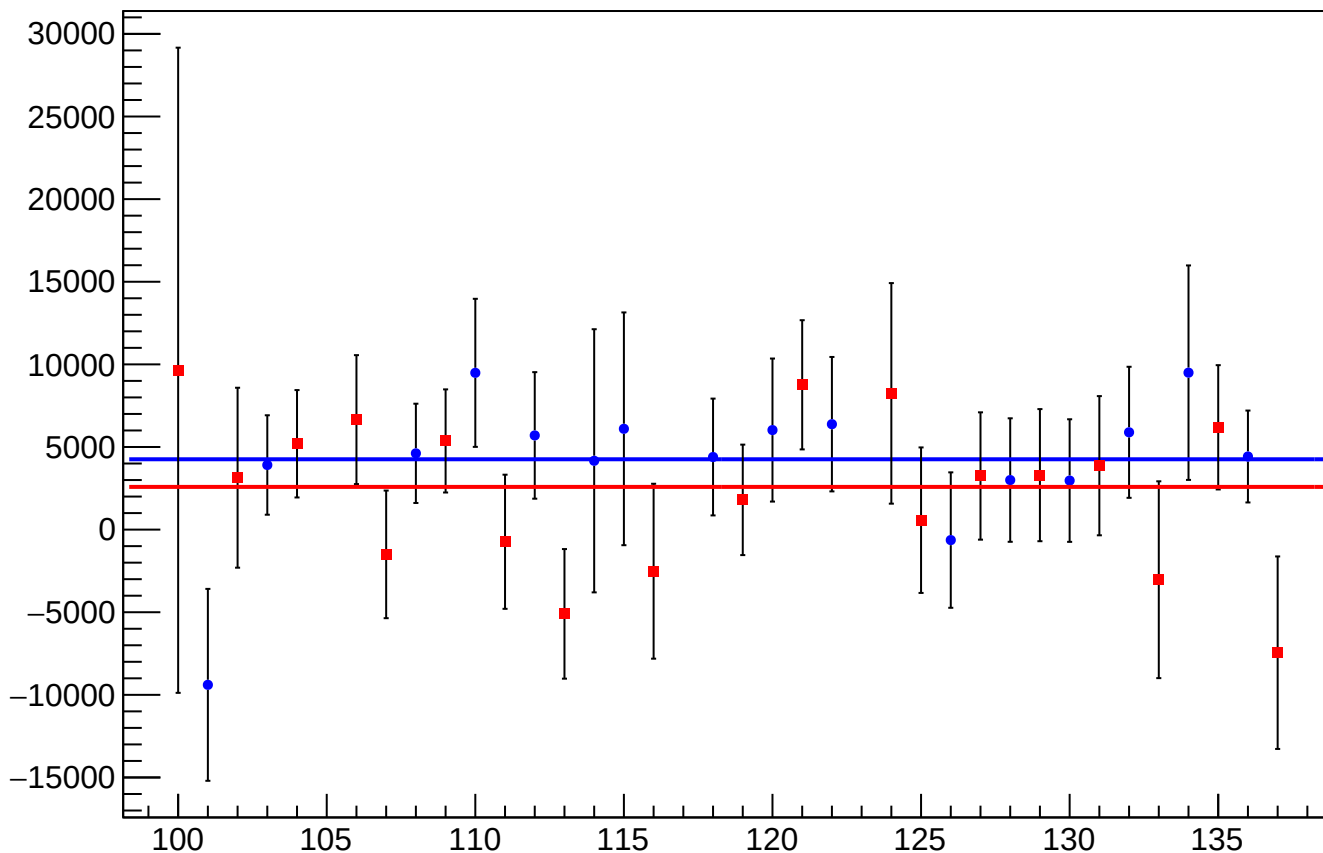
Right: 7726.698+/-1.490 χ^2/NDF : 2083841.8/34

In: 7979.812+/-2.175 χ^2/NDF : 922785.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7726.698+/-1.490 χ^2/NDF : 2083841.8/34

dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4256.977+/-990.542 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2584.689+/-966.049 χ^2/NDF : 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

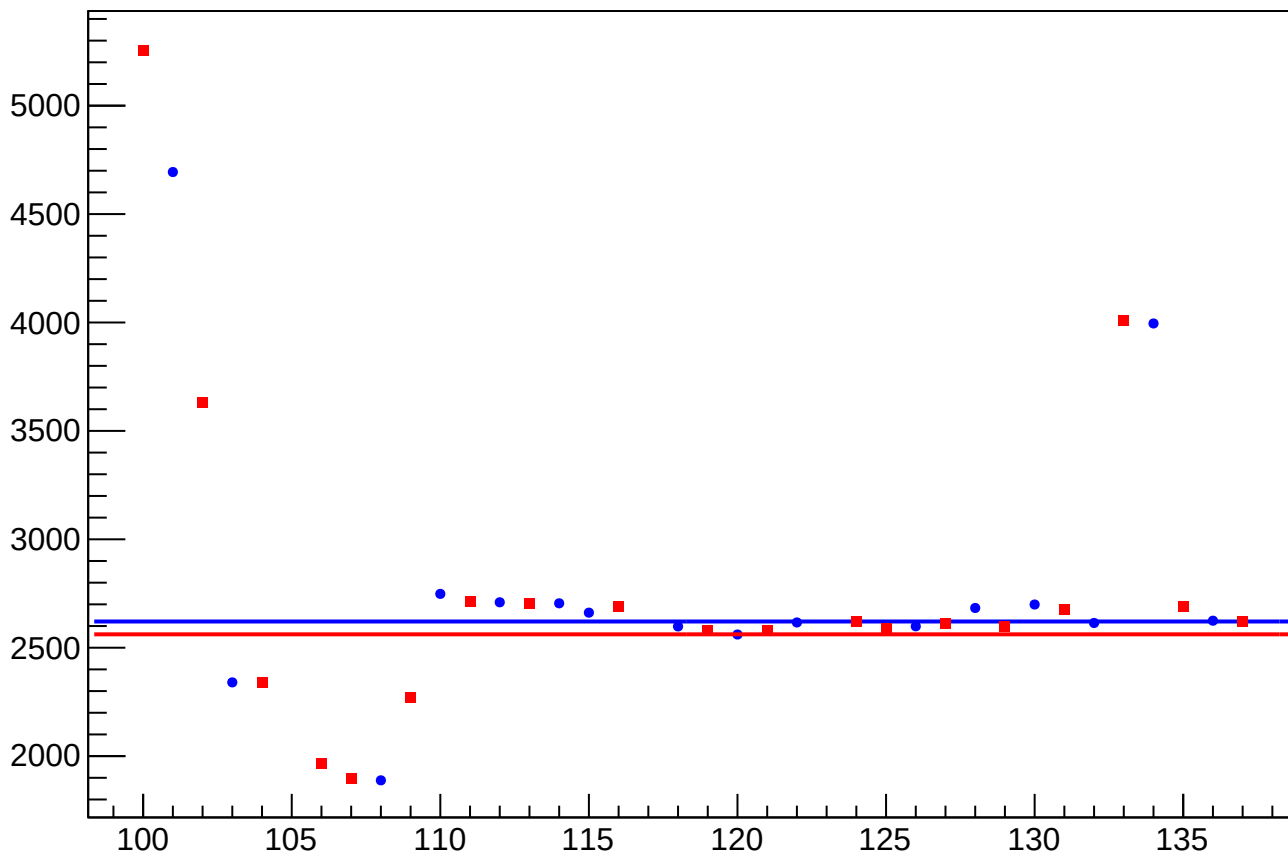
Right: 3399.902+/-691.597 χ^2/NDF : 29.1/34

In: 4256.977+/-990.542 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3399.902+/-691.597 χ^2/NDF : 29.1/34

dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2620.964+/-0.700 χ^2/NDF : 485914.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2561.718+/-0.683 χ^2/NDF : 378259.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

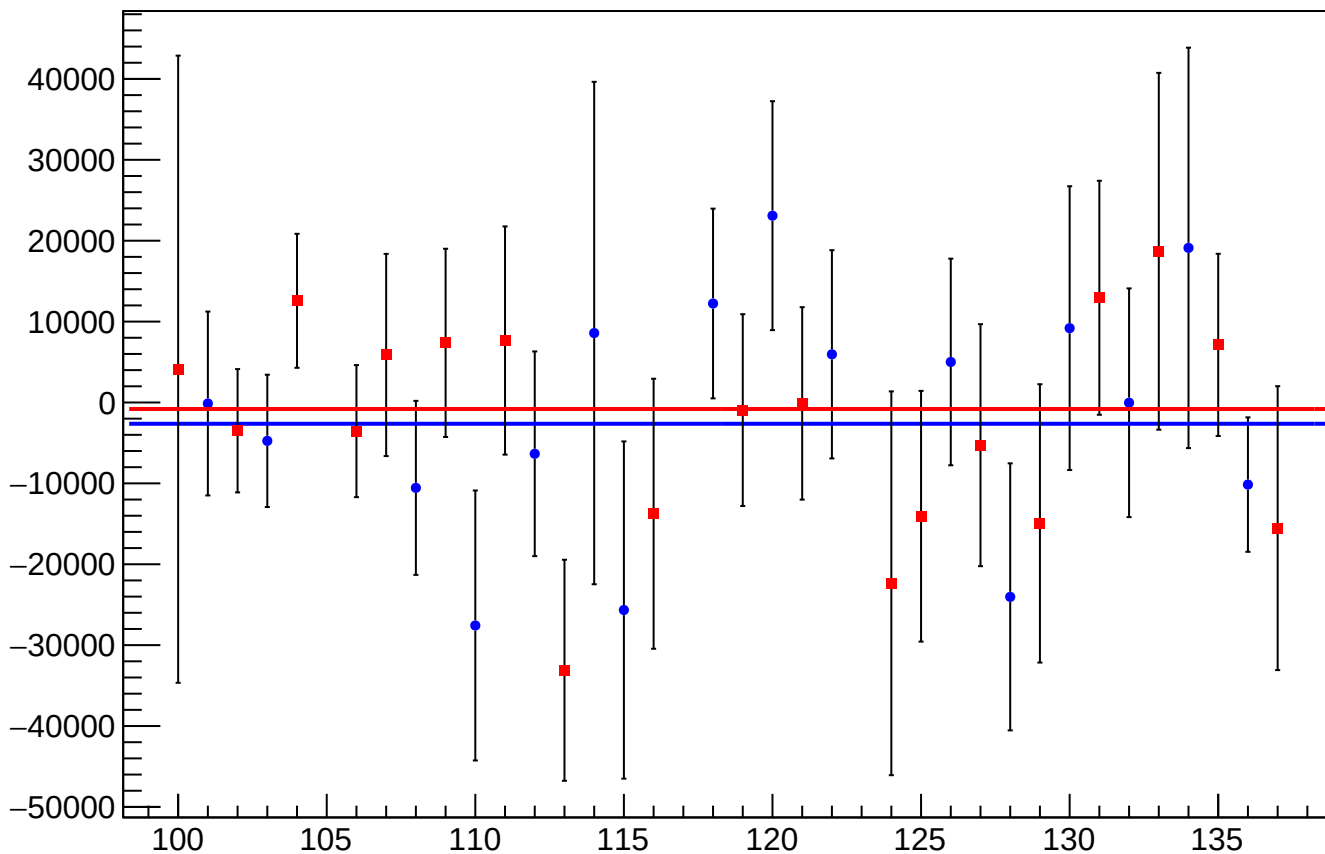
Right: 2590.582+/-0.489 χ^2/NDF : 867842.6/34

In: 2620.964+/-0.700 χ^2/NDF : 485914.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2590.582+/-0.489 χ^2/NDF : 867842.6/34

asym_atr2_dit_correction_mean vs Slug, Sign Corrected



Right In: -2631.921+/-3211.506 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -802.880+/-2872.934 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

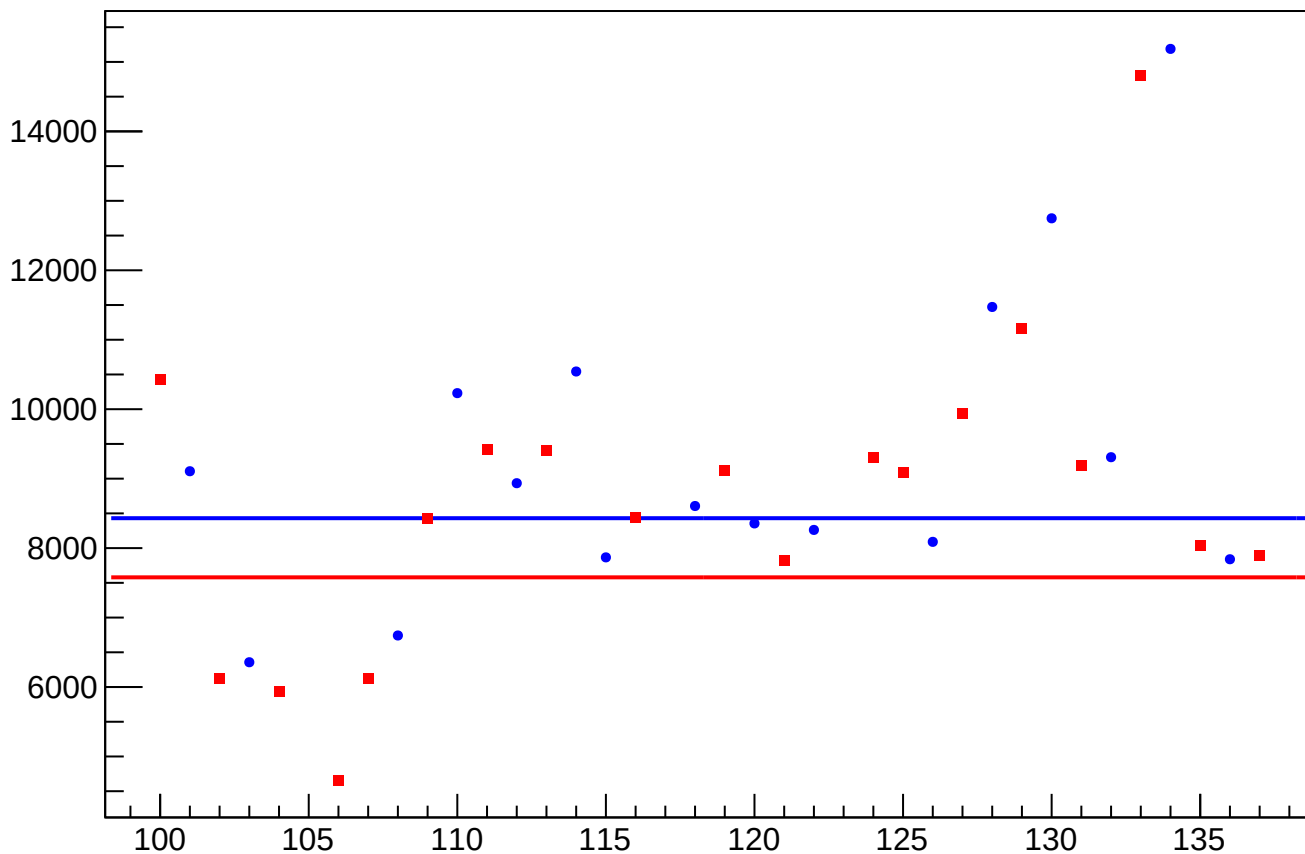
Right: -1615.936+/-2141.201 χ^2/NDF : 29.4/34

In: -2631.921+/-3211.506 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1615.936+/-2141.201 χ^2/NDF : 29.4/34

asym_atr2_dit_correction_rms vs Slug, Sign Corrected



Right In: 8430.768+/-2.271 χ^2 /NDF: 580295.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7579.112+/-2.031 χ^2 /NDF: 974126.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

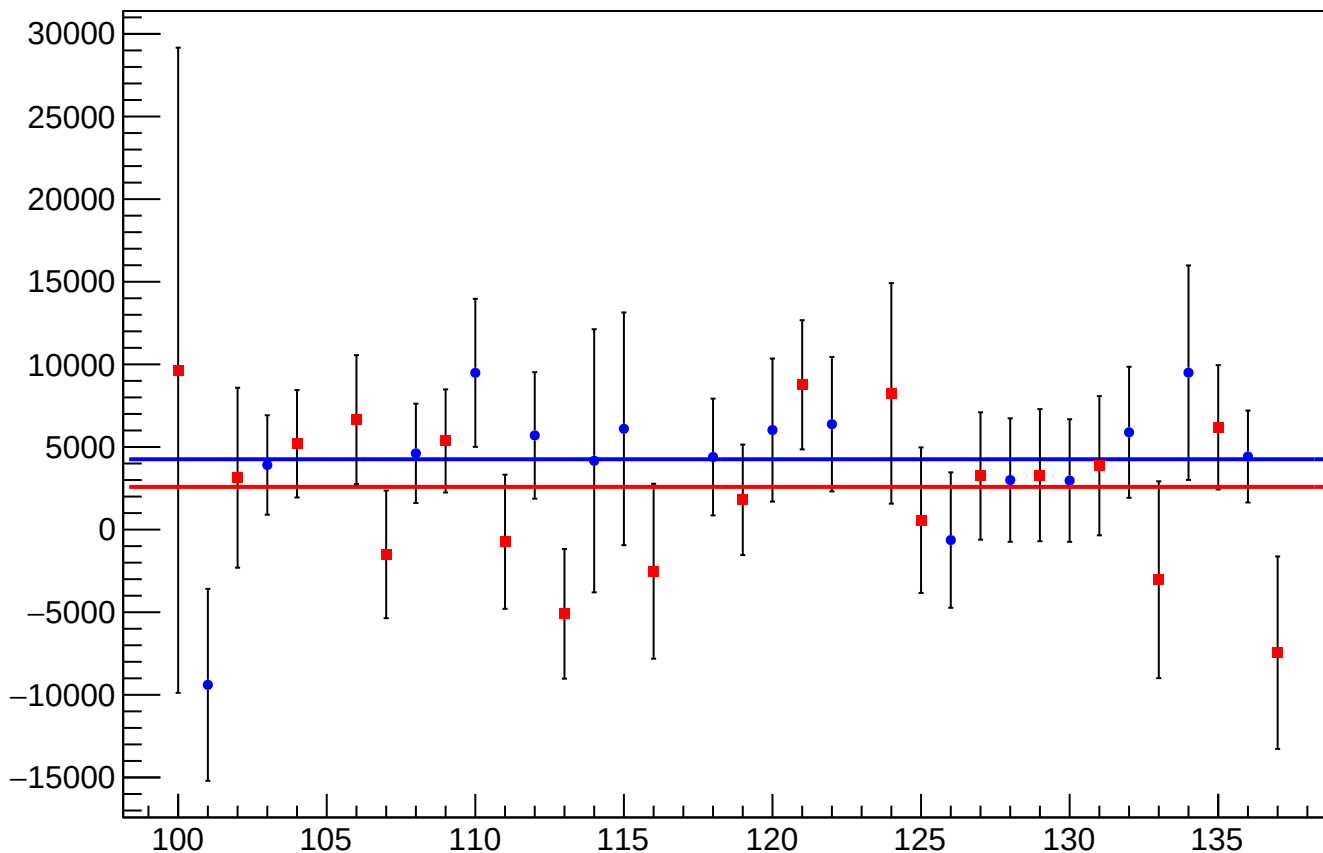
Right: 7957.695+/-1.514 χ^2 /NDF: 1632549.6/34

In: 8430.768+/-2.271 χ^2 /NDF:580295.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 7957.695+/-1.514 χ^2 /NDF: 1632549.6/34

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4256.984 $\pm$ 990.541 χ^2 /NDF: 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2584.699 $\pm$ 966.048 χ^2 /NDF: 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

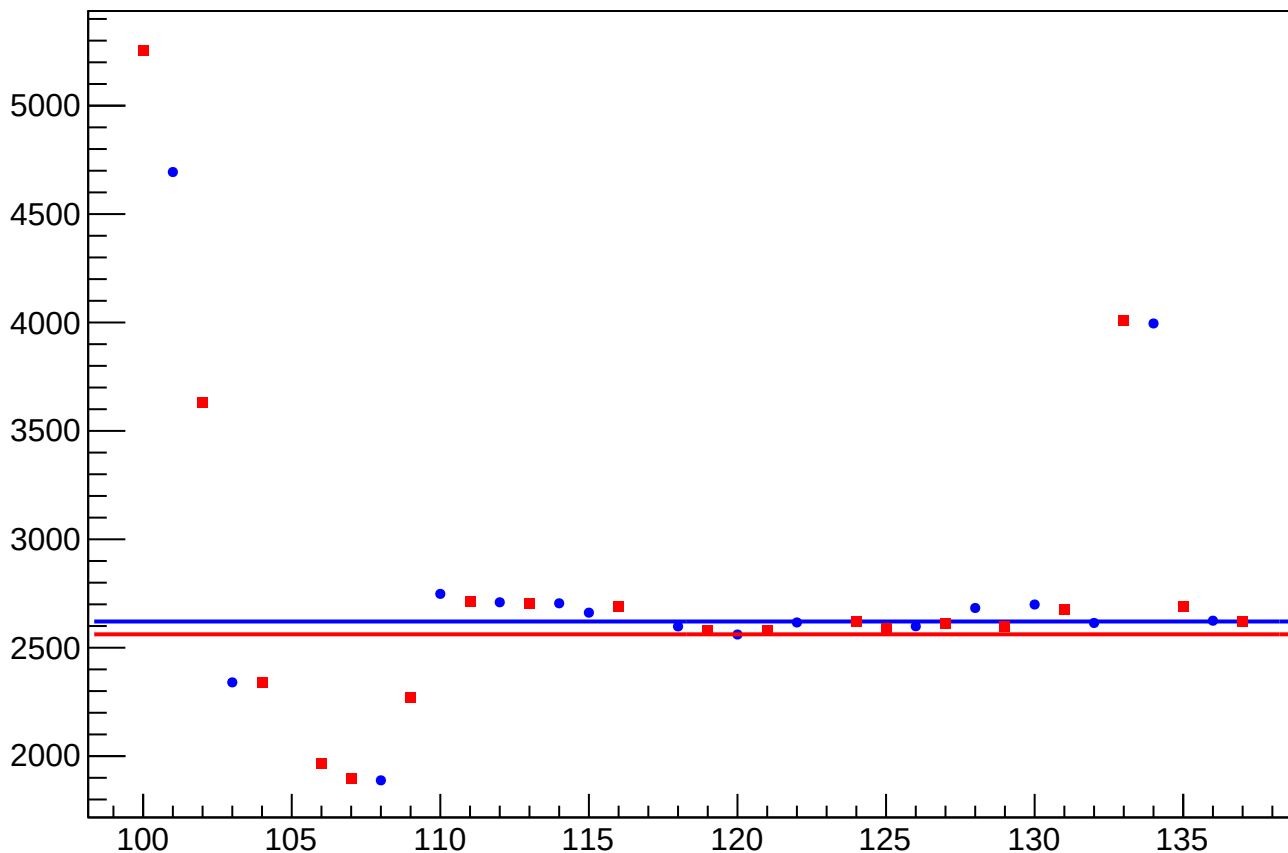
Right: 3399.911 $\pm$ 691.596 χ^2 /NDF: 29.1/34

In: 4256.984 $\pm$ 990.541 χ^2 /NDF:10.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3399.911 $\pm$ 691.596 χ^2 /NDF: 29.1/34

eigen_dit_asym_atr2_rms vs Slug, Sign Corrected



Right In: 2620.963+/-0.700 χ^2/NDF : 485914.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2561.718+/-0.683 χ^2/NDF : 378258.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

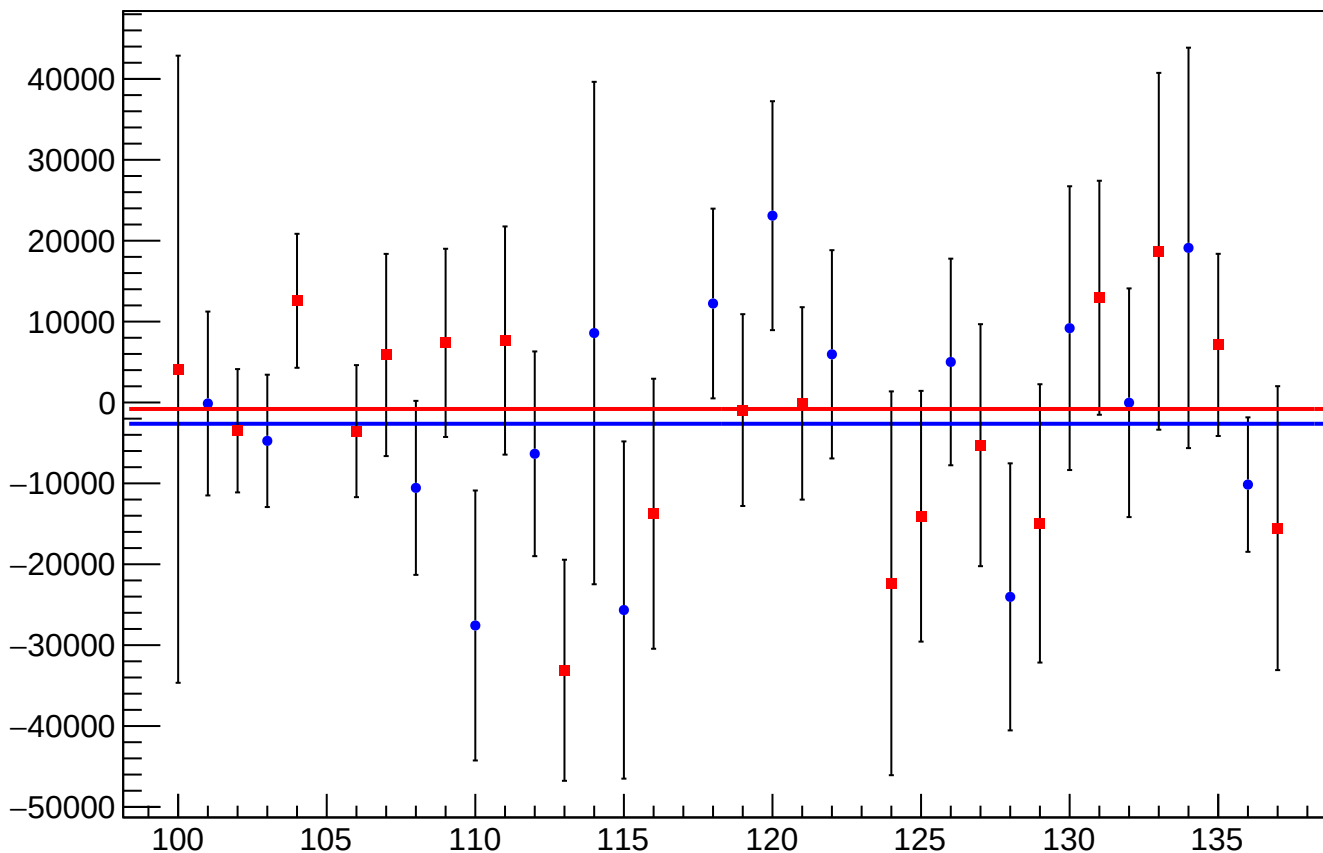
Right: 2590.582+/-0.489 χ^2/NDF : 867842.2/34

In: 2620.963+/-0.700 χ^2/NDF : 485914.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2590.582+/-0.489 χ^2/NDF : 867842.2/34

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2631.887 $\pm$ 3211.501 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -802.875 $\pm$ 2872.930 χ^2 /NDF: 15.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

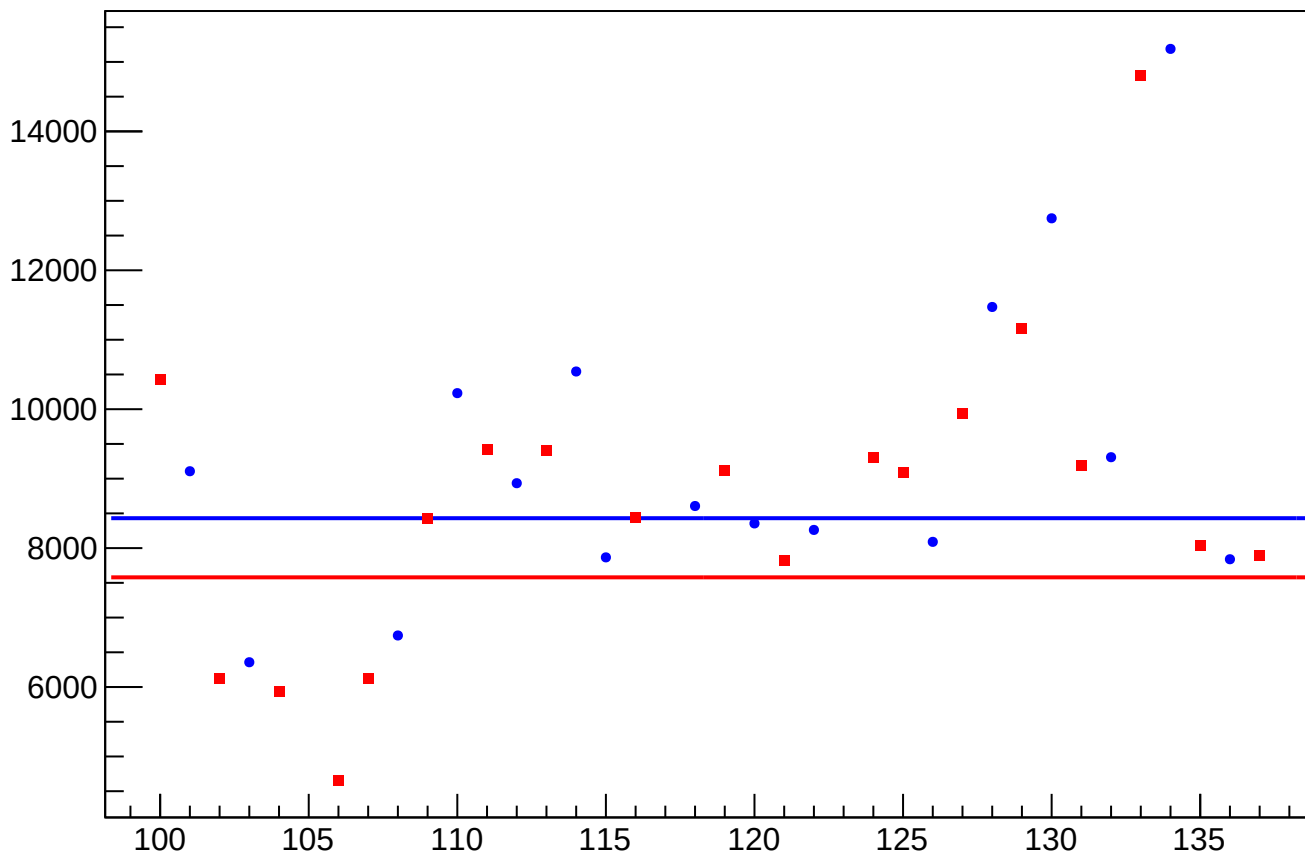
Right: -1615.919 $\pm$ 2141.198 χ^2 /NDF: 29.4/34

In: -2631.887 $\pm$ 3211.501 χ^2 /NDF: 13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1615.919 $\pm$ 2141.198 χ^2 /NDF: 29.4/34

asym_atr2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8430.758+/-2.271 χ^2/NDF : 580289.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 7579.100+/-2.031 χ^2/NDF : 974123.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

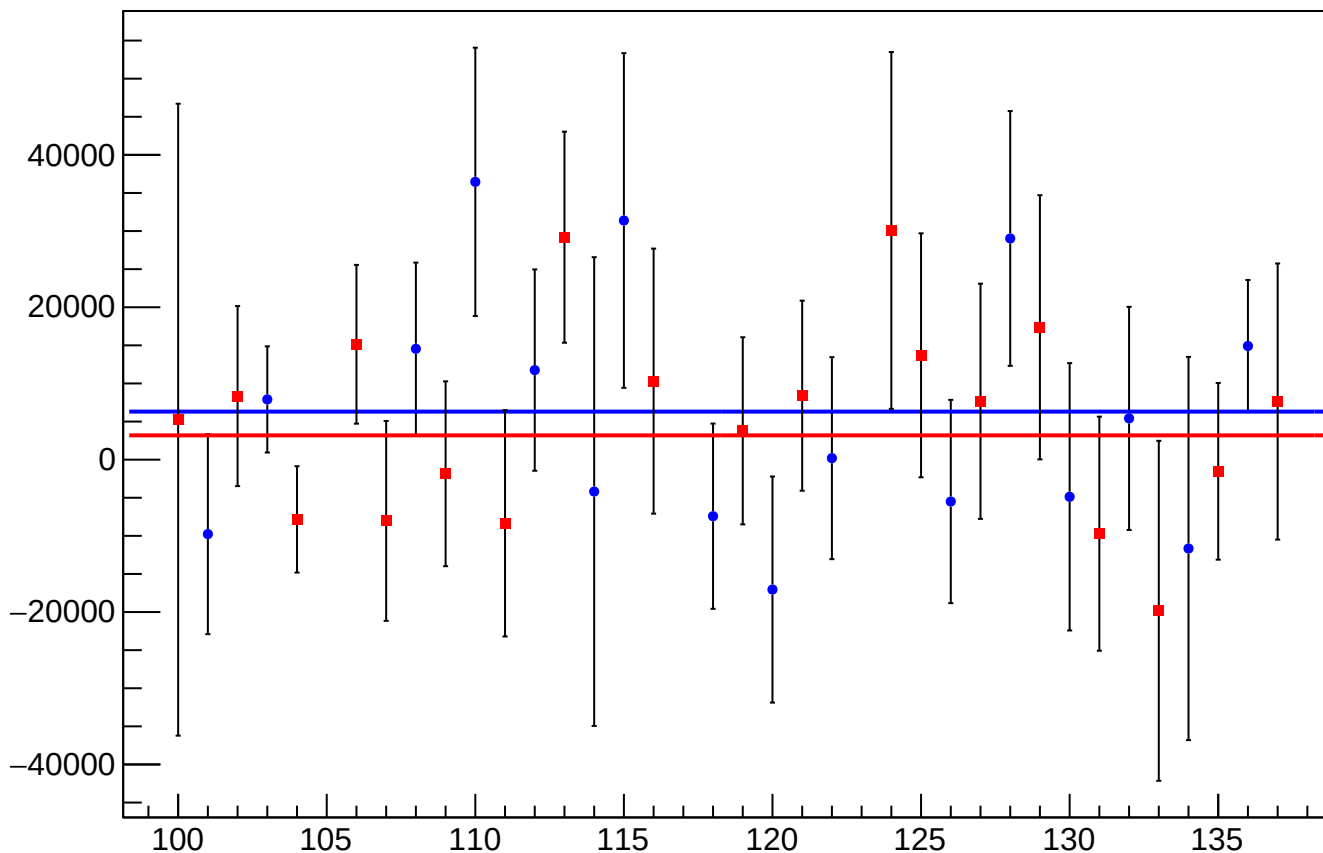
Right: 7957.685+/-1.514 χ^2/NDF : 1632540.7/34

In: 8430.758+/-2.271 χ^2/NDF :580289.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7957.685+/-1.514 χ^2/NDF : 1632540.7/34

asym_atr2_mean vs Slug, Sign Corrected



Right In: 6307.034+/-3239.703 χ^2/NDF : 15.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3189.356+/-3068.645 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

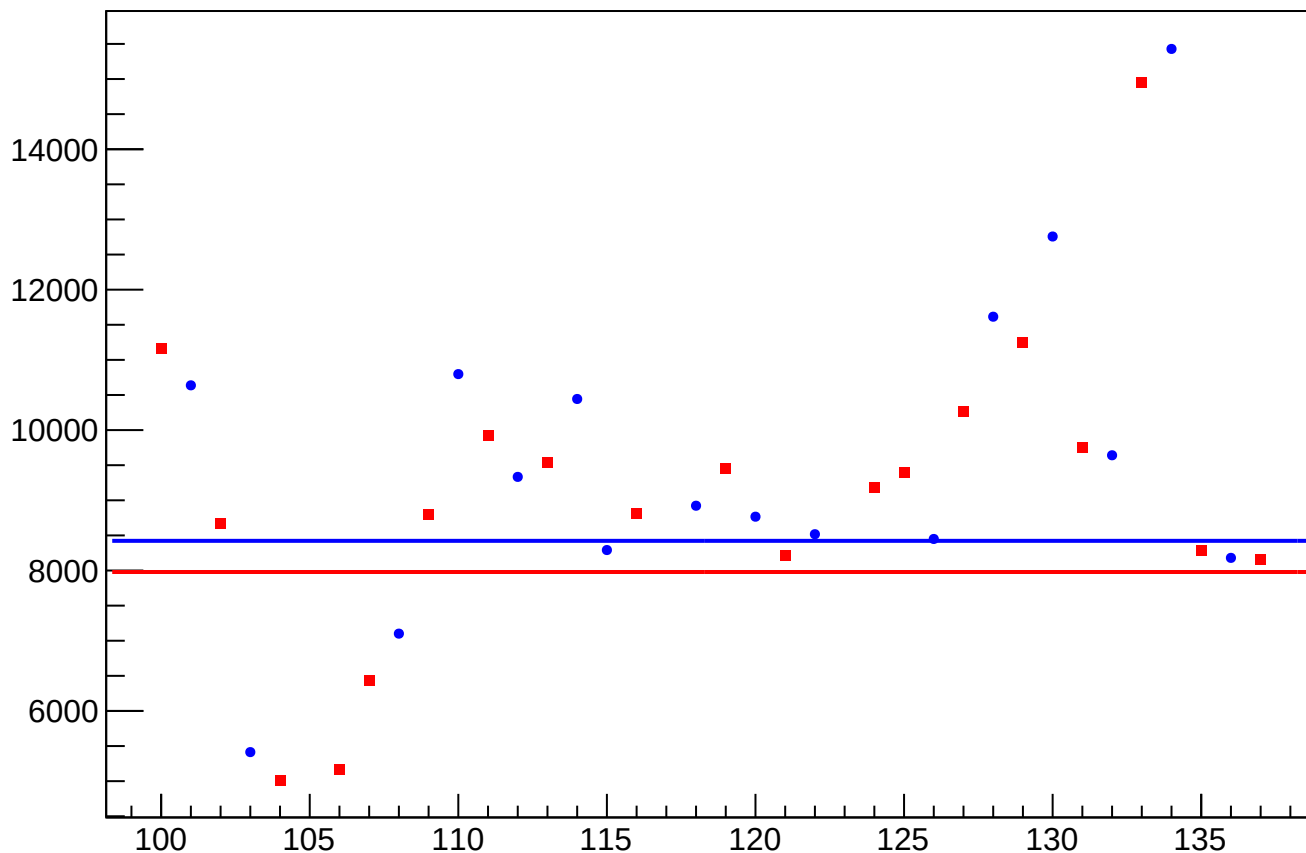
Right: 4663.718+/-2227.879 χ^2/NDF : 29.5/34

In: 6307.034+/-3239.703 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4663.718+/-2227.879 χ^2/NDF : 29.5/34

asym_atr2_rms vs Slug, Sign Corrected



Right In: 8422.717+/-2.291 χ^2 /NDF: 881833.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 7978.997+/-2.170 χ^2 /NDF: 1016019.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

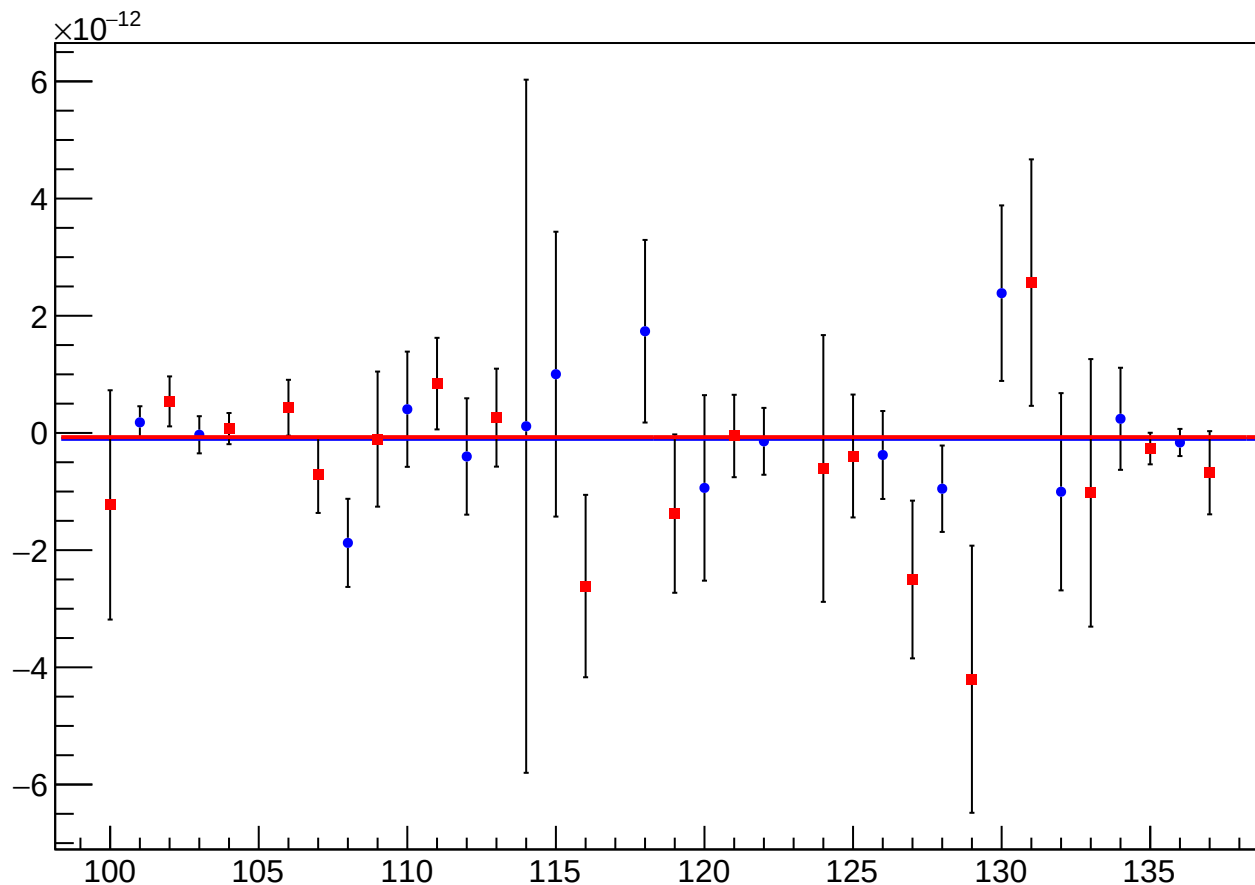
Right: 8188.830+/-1.575 χ^2 /NDF: 1917628.8/34

In: 8422.717+/-2.291 χ^2 /NDF:881833.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 8188.830+/-1.575 χ^2 /NDF: 1917628.8/34

asym_atr2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

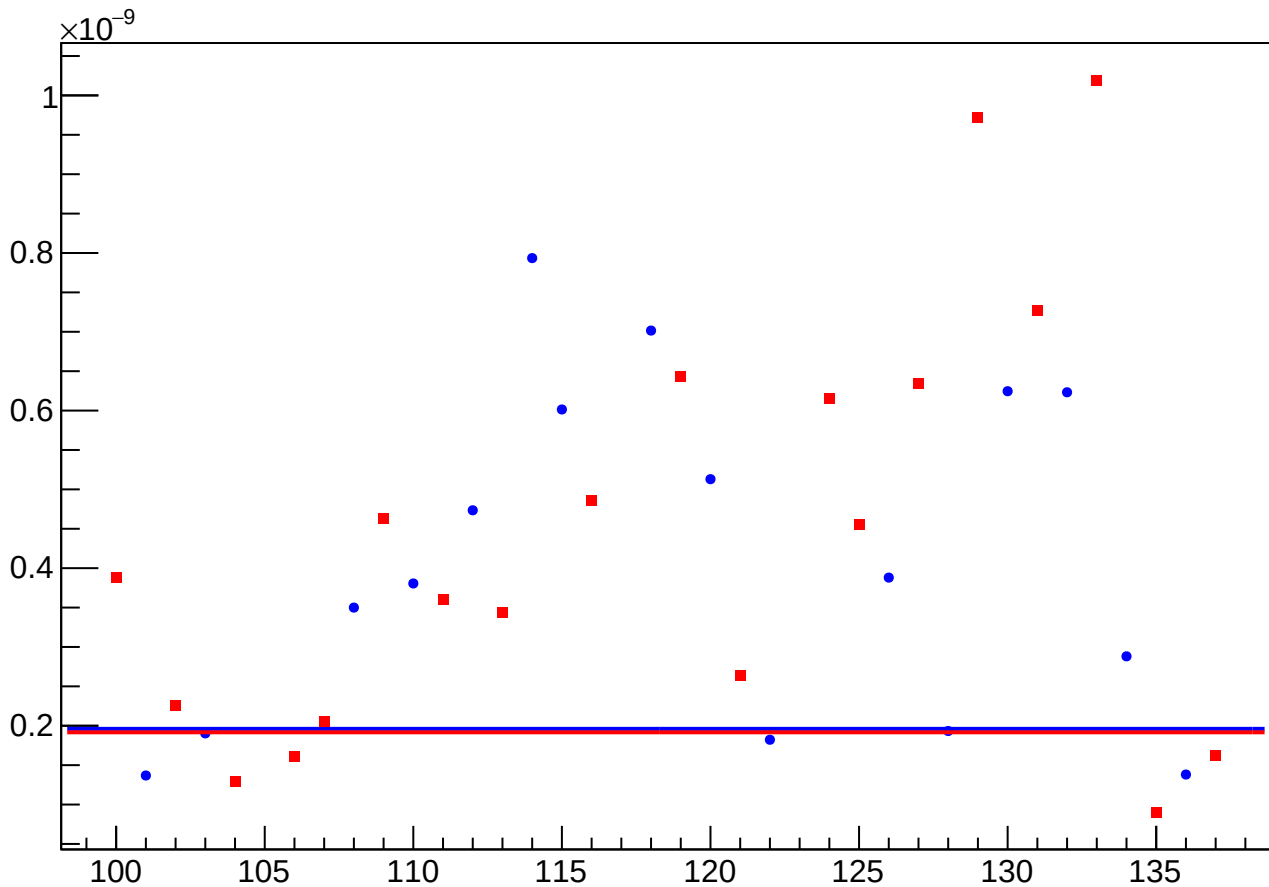
Right: -0.000+/-0.000 χ^2/NDF : 33.3/34

In: -0.000+/-0.000 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.3/34

asym_atr2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1342263.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2066454.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

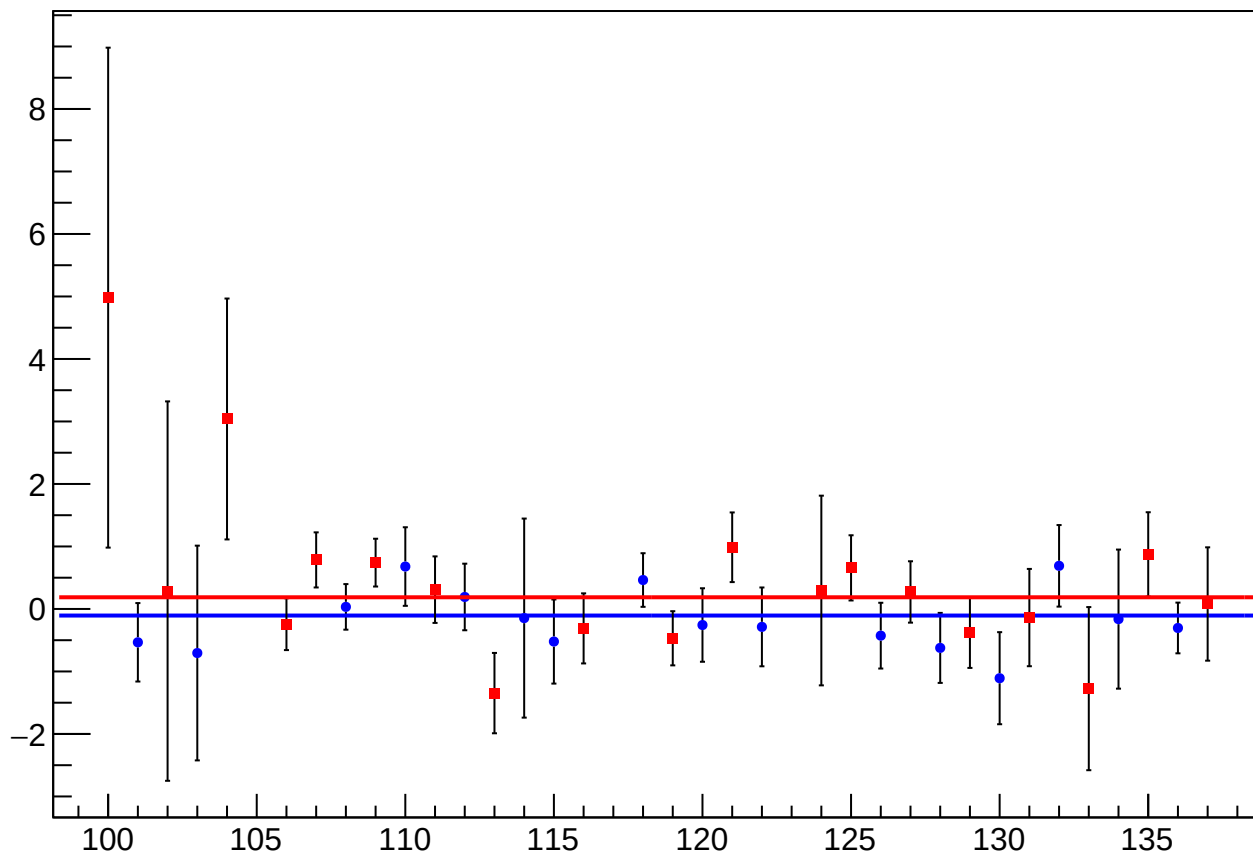
Right: 0.000+/-0.000 χ^2/NDF : 3409753.0/34

In: 0.000+/-0.000 χ^2/NDF : 1342263.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3409753.0/34

asym_atr2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.137 χ^2/NDF : 23.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

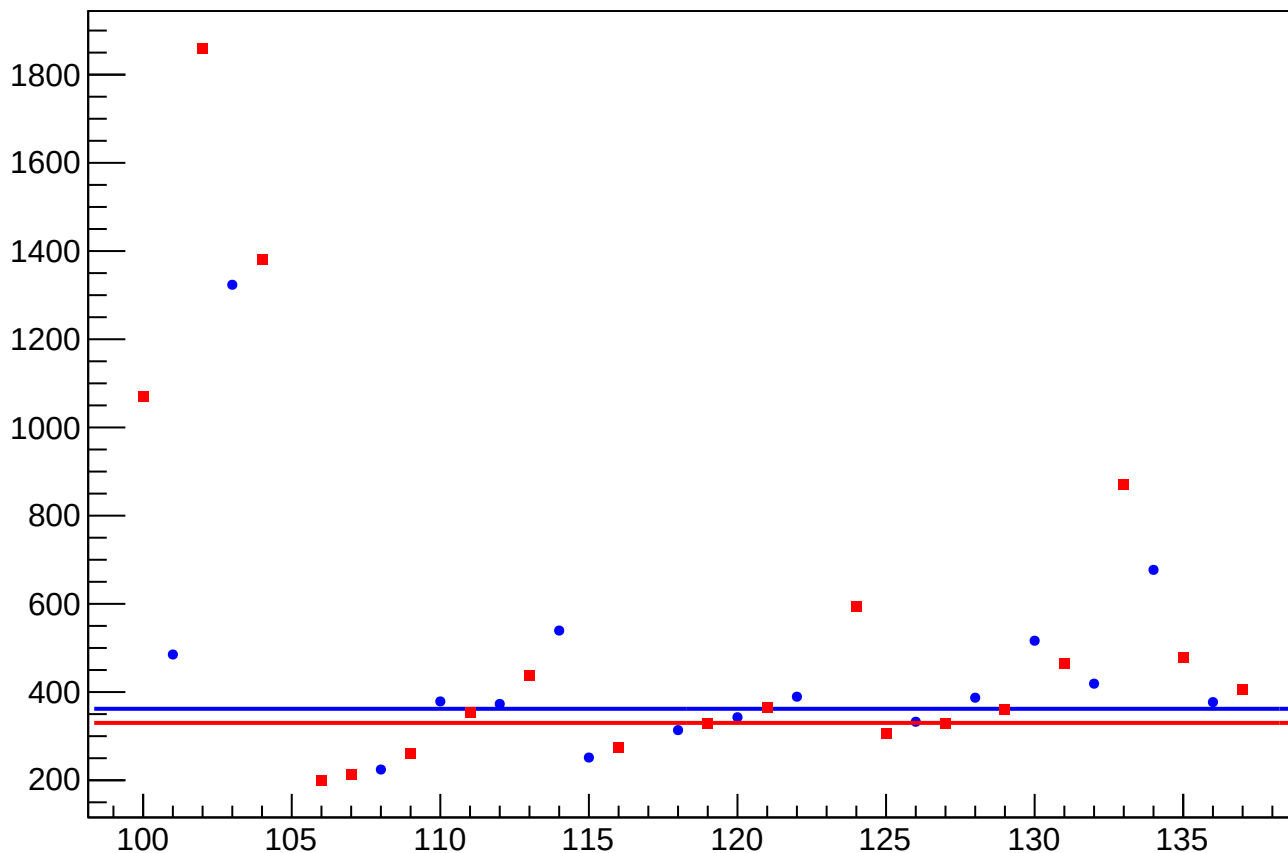
Right: 0.048 ± 0.100 χ^2/NDF : 35.7/34

In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.100 χ^2/NDF : 35.7/34

asym_atr2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 362.037 $\pm$ 0.102 χ^2 /NDF: 1377330.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 330.084 $\pm$ 0.097 χ^2 /NDF: 2246513.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

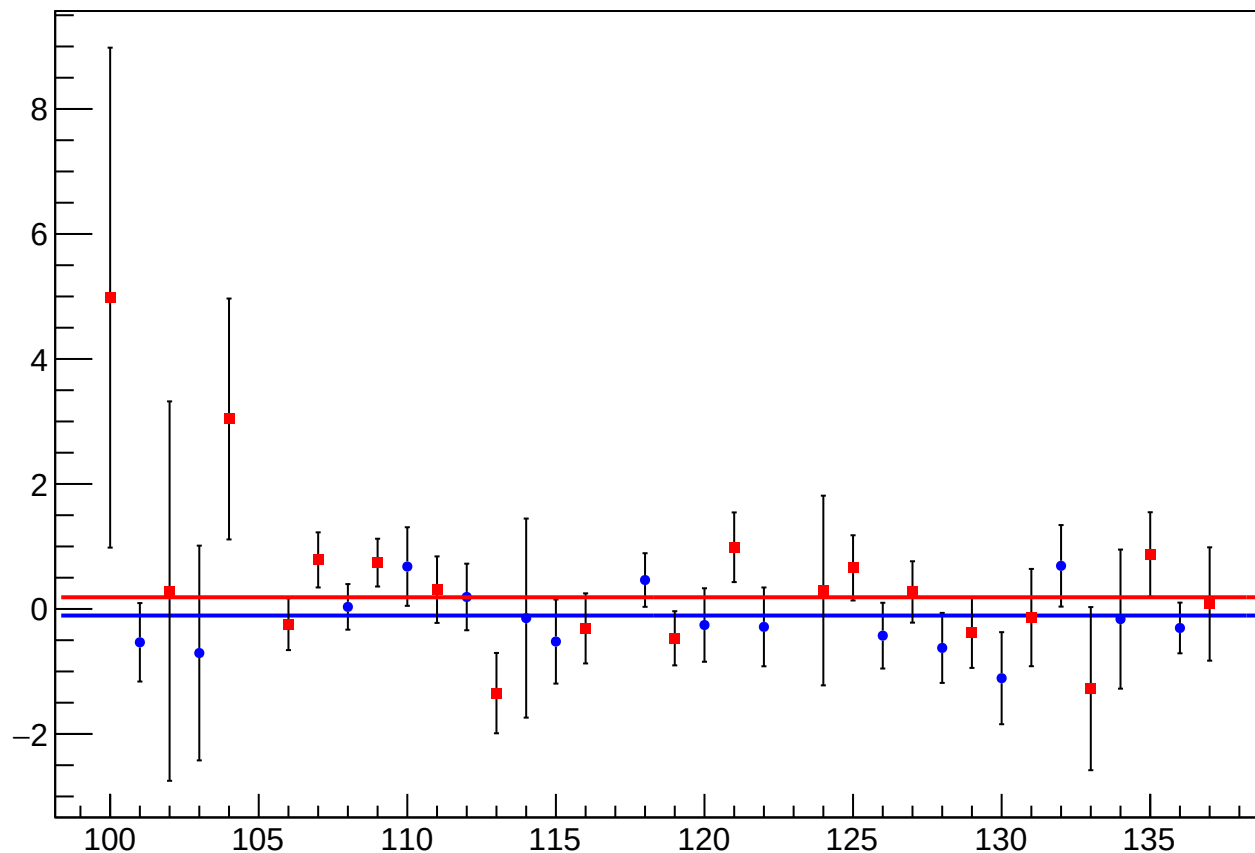
Right: 345.237 $\pm$ 0.070 χ^2 /NDF: 3675129.8/34

In: 362.037 $\pm$ 0.102 χ^2 /NDF:1377330.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 345.237 $\pm$ 0.070 χ^2 /NDF: 3675129.8/34

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.137 χ^2/NDF : 23.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

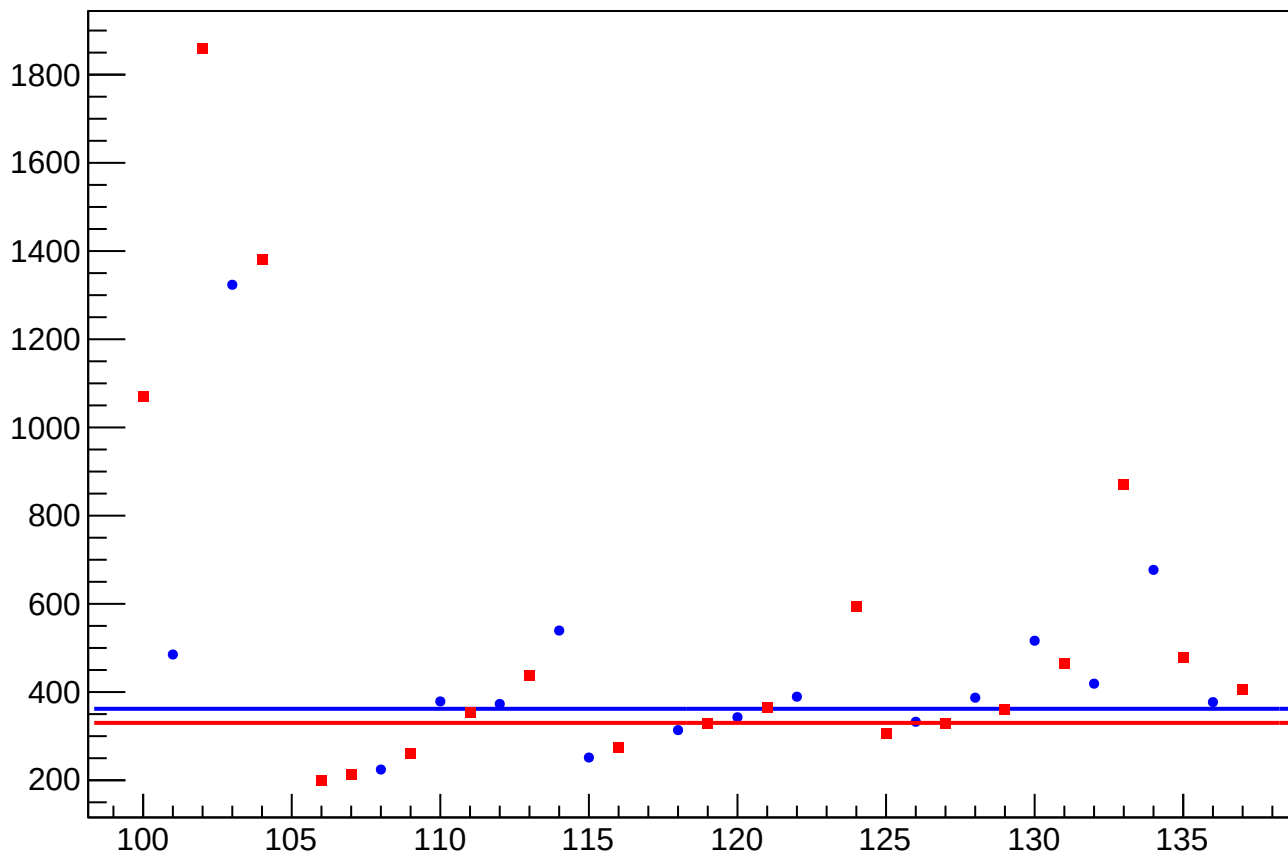
Right: 0.048 ± 0.100 χ^2/NDF : 35.7/34

In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.100 χ^2/NDF : 35.7/34

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 362.037+/-0.102 χ^2/NDF : 1377330.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.084+/-0.097 χ^2/NDF : 2246513.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

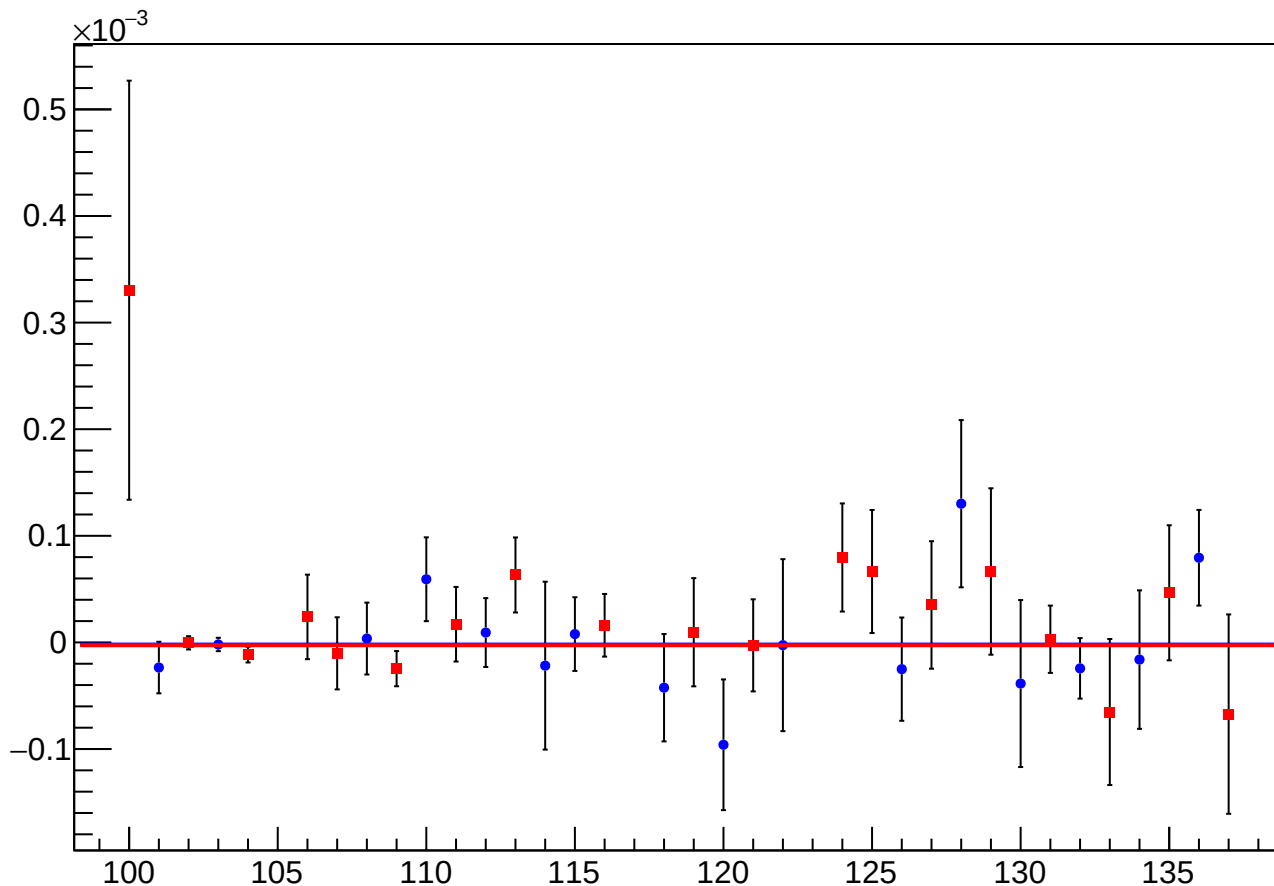
Right: 345.237+/-0.070 χ^2/NDF : 3675129.8/34

In: 362.037+/-0.102 χ^2/NDF : 1377330.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.237+/-0.070 χ^2/NDF : 3675129.8/34

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

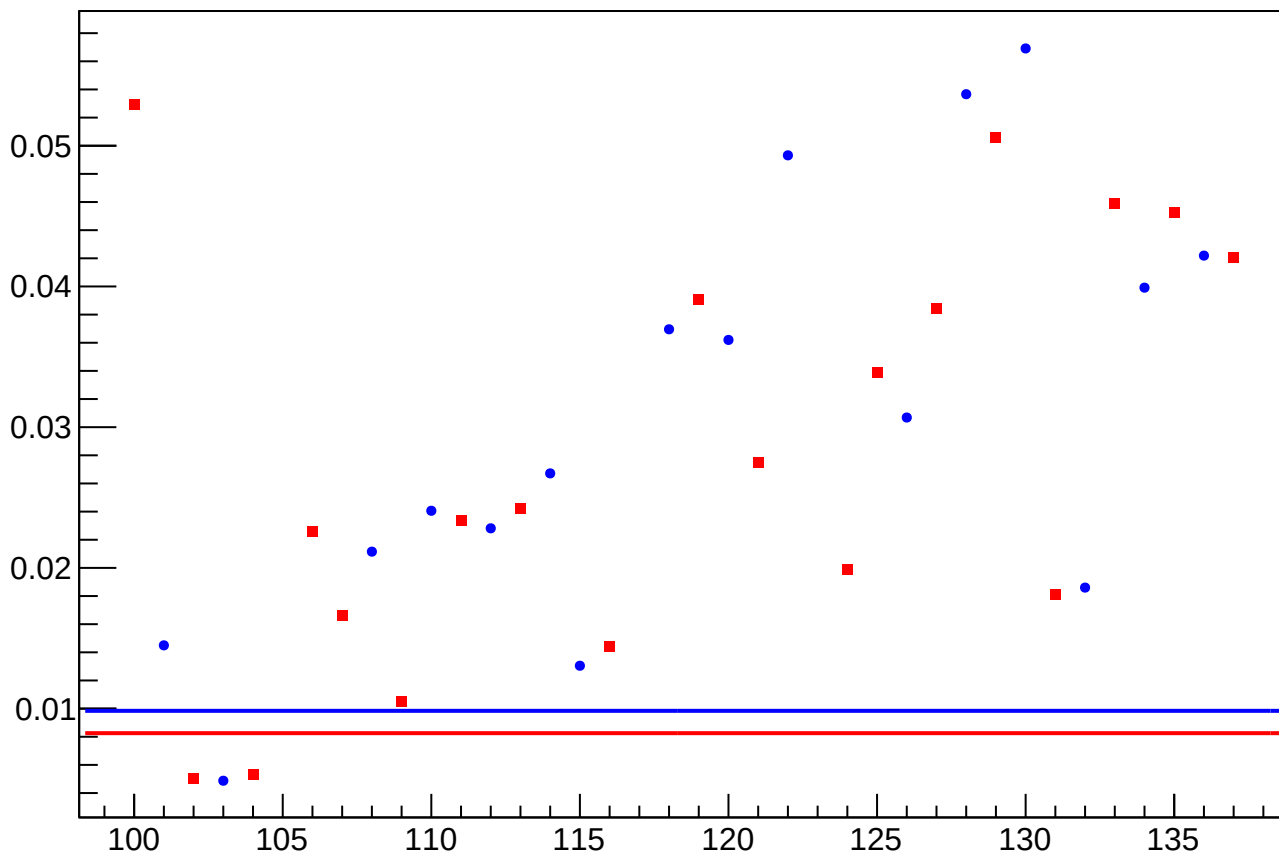
Right: -0.000+/-0.000 χ^2/NDF : 32.0/34

In: -0.000+/-0.000 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/34

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 7052383.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 6740964.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

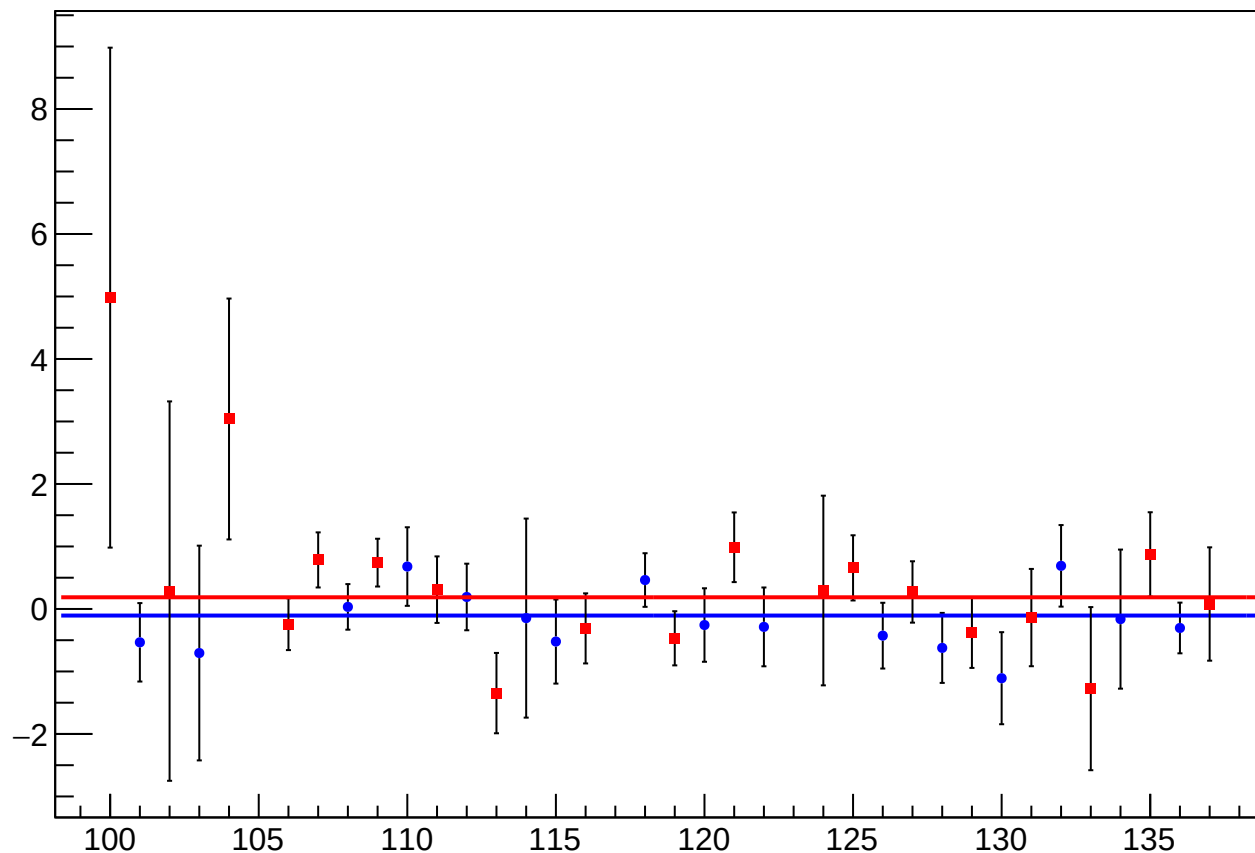
Right: 0.009+/-0.000 χ^2/NDF : 13900238.9/34

In: 0.010+/-0.000 χ^2/NDF : 7052383.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 13900238.9/34

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.137 χ^2/NDF : 23.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

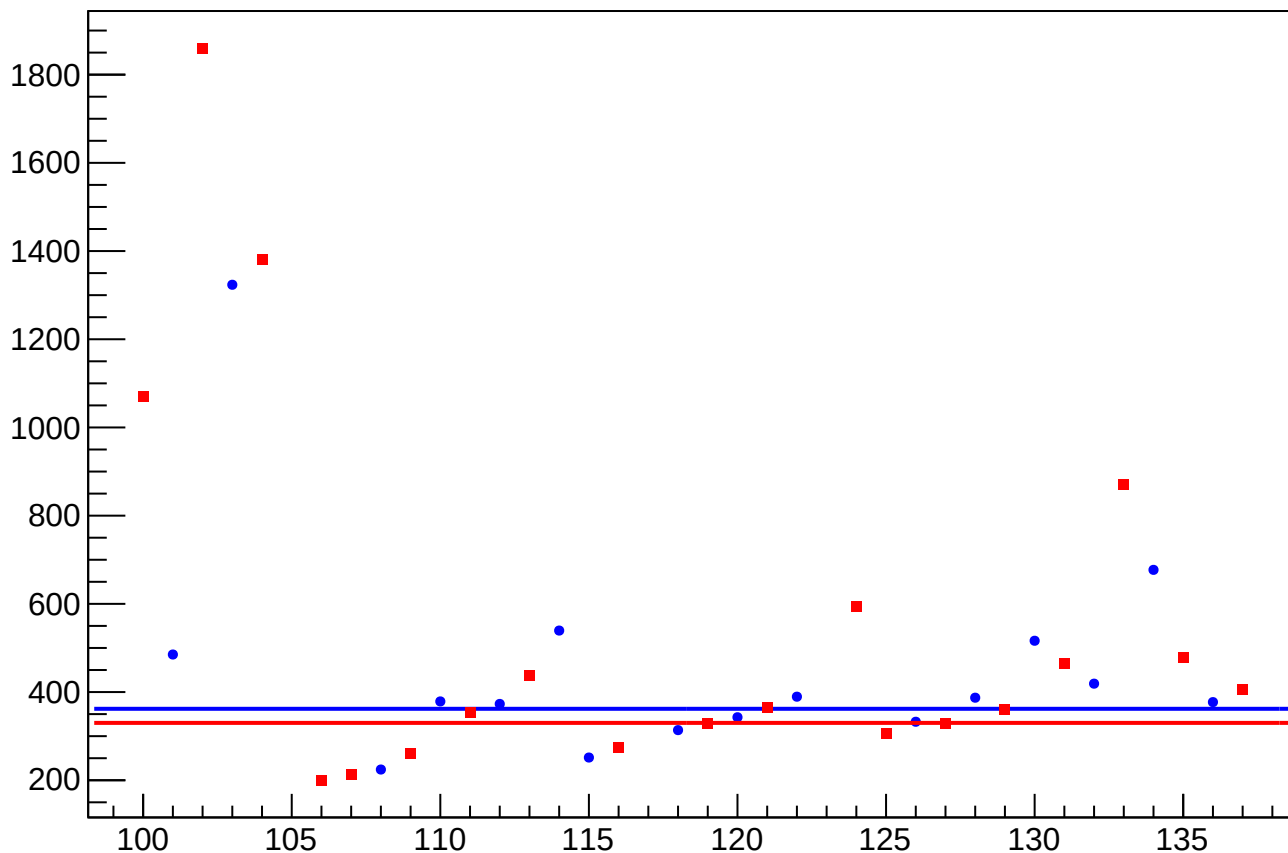
Right: 0.048 ± 0.100 χ^2/NDF : 35.7/34

In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.100 χ^2/NDF : 35.7/34

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 362.034+/-0.102 χ^2/NDF : 1377333.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 330.082+/-0.097 χ^2/NDF : 2246503.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

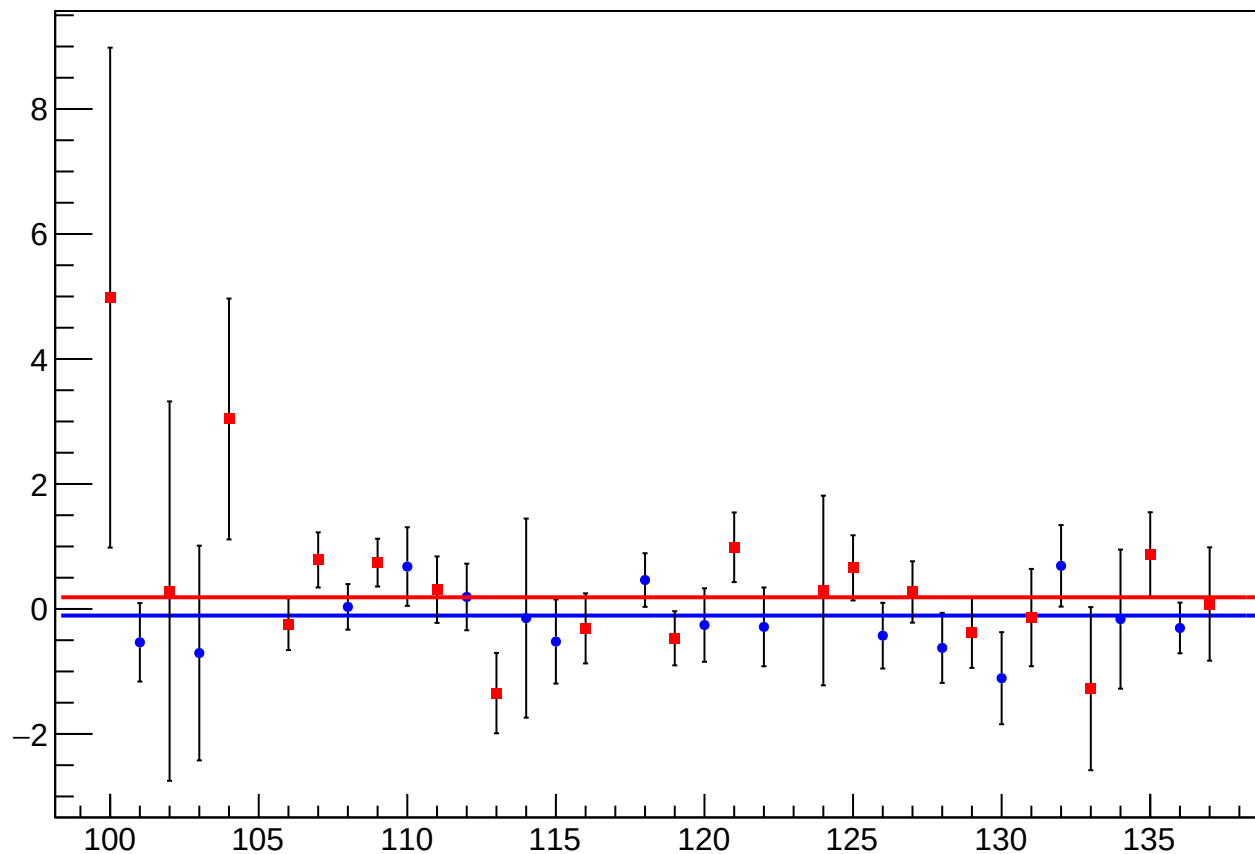
Right: 345.235+/-0.070 χ^2/NDF : 3675120.0/34

In: 362.034+/-0.102 χ^2/NDF : 1377333.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.235+/-0.070 χ^2/NDF : 3675120.0/34

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.187 ± 0.137 χ^2/NDF : 23.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

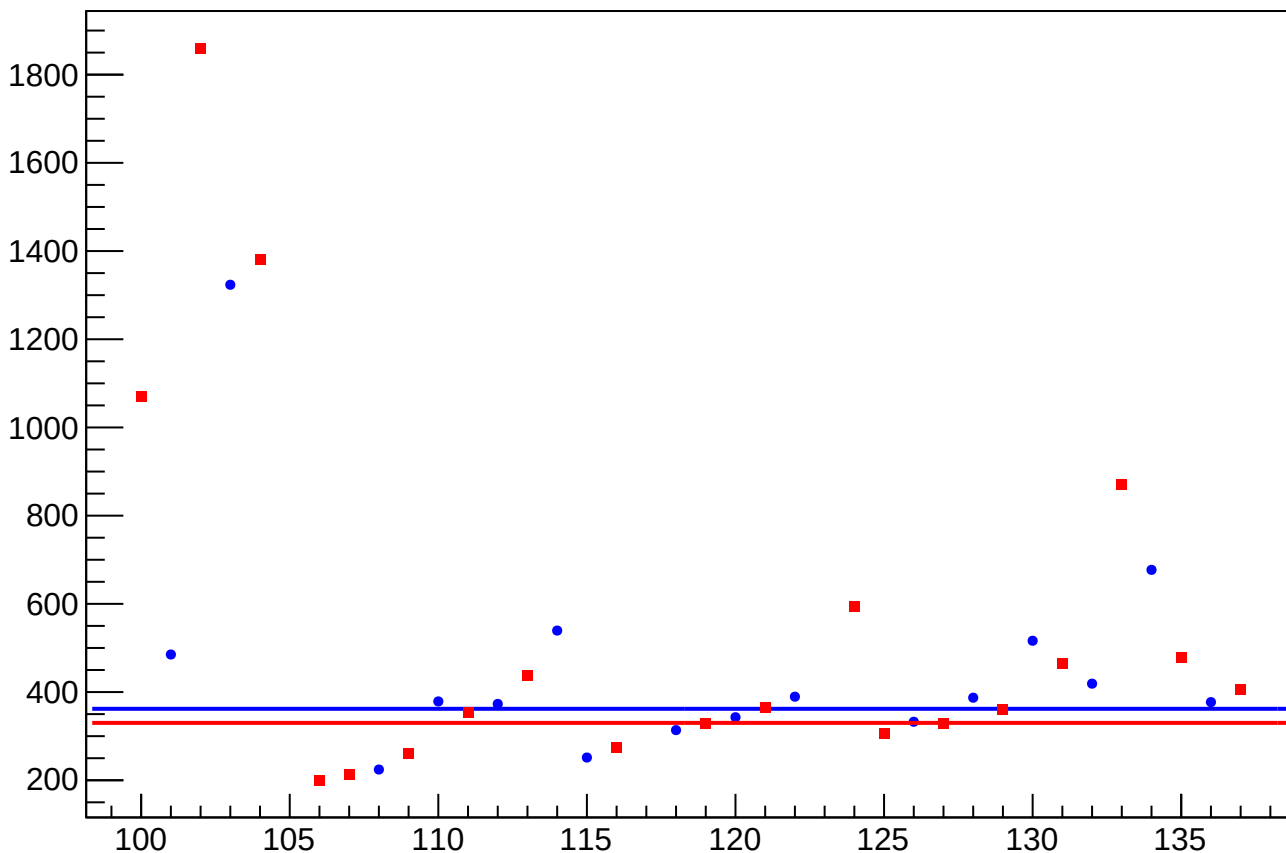
Right: 0.048 ± 0.100 χ^2/NDF : 35.7/34

In: -0.105 ± 0.145 χ^2/NDF : 9.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.048 ± 0.100 χ^2/NDF : 35.7/34

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 362.034+/-0.102 χ^2/NDF : 1377333.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 330.082+/-0.097 χ^2/NDF : 2246503.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

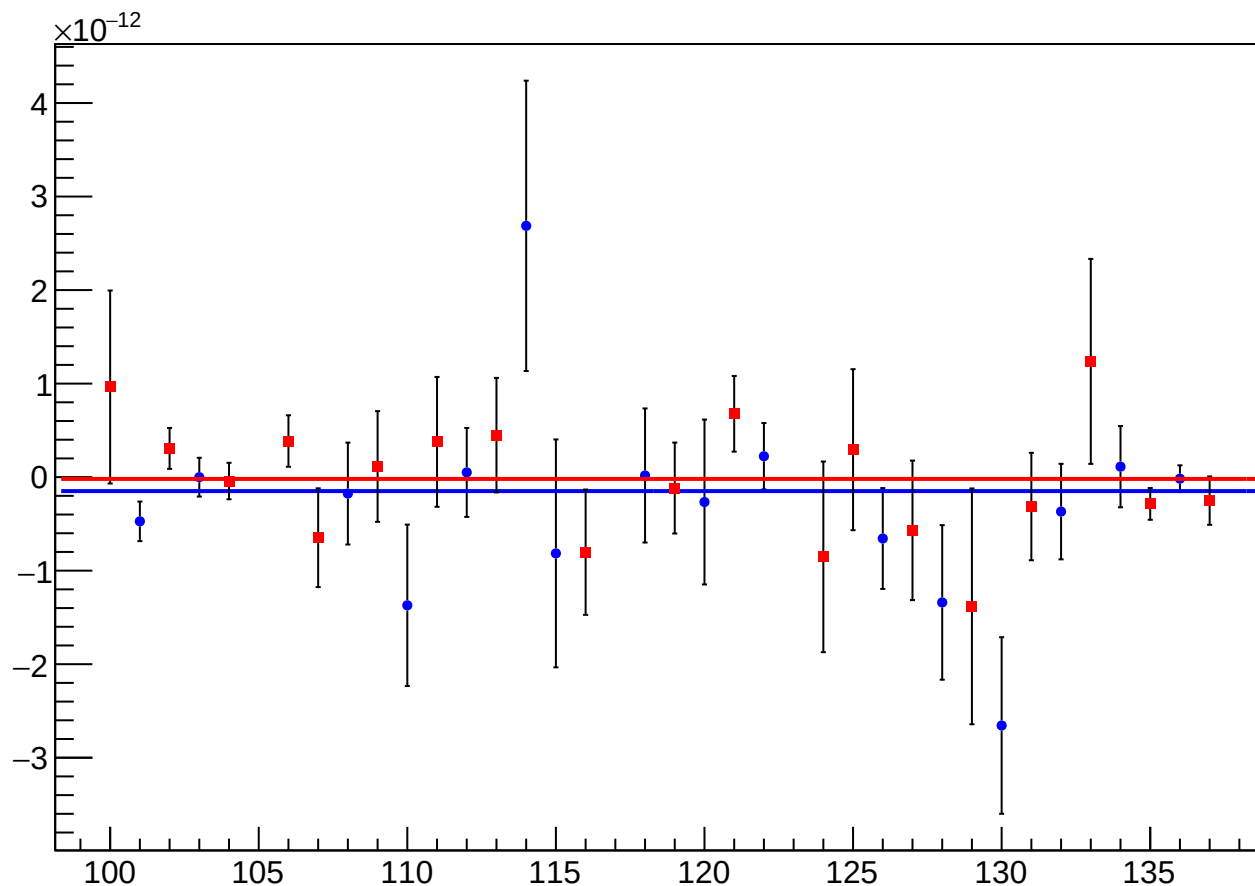
Right: 345.235+/-0.070 χ^2/NDF : 3675120.0/34

In: 362.034+/-0.102 χ^2/NDF :1377333.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 345.235+/-0.070 χ^2/NDF : 3675120.0/34

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

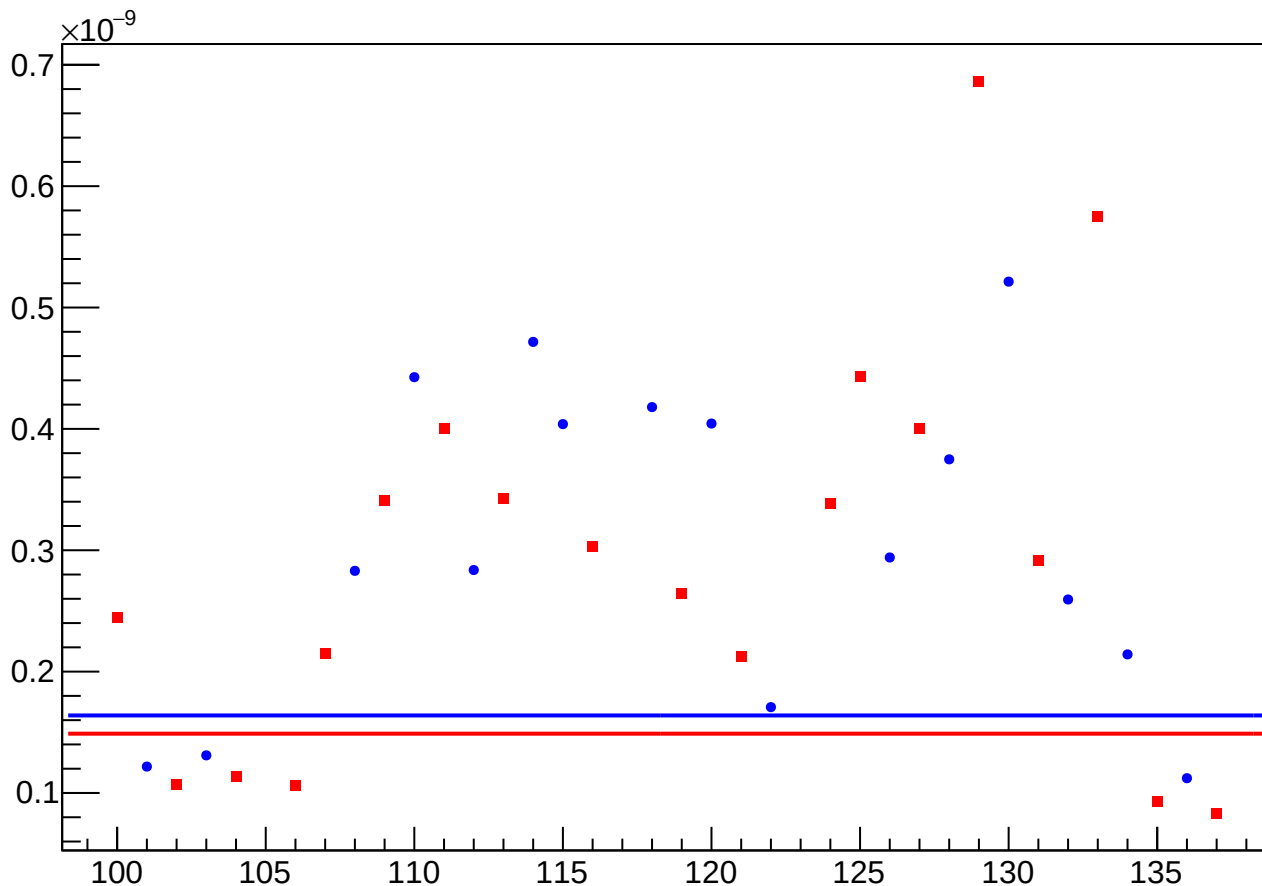
Right: -0.000+/-0.000 χ^2/NDF : 41.9/34

In: -0.000+/-0.000 χ^2/NDF :21.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.9/34

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2011207.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2846265.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

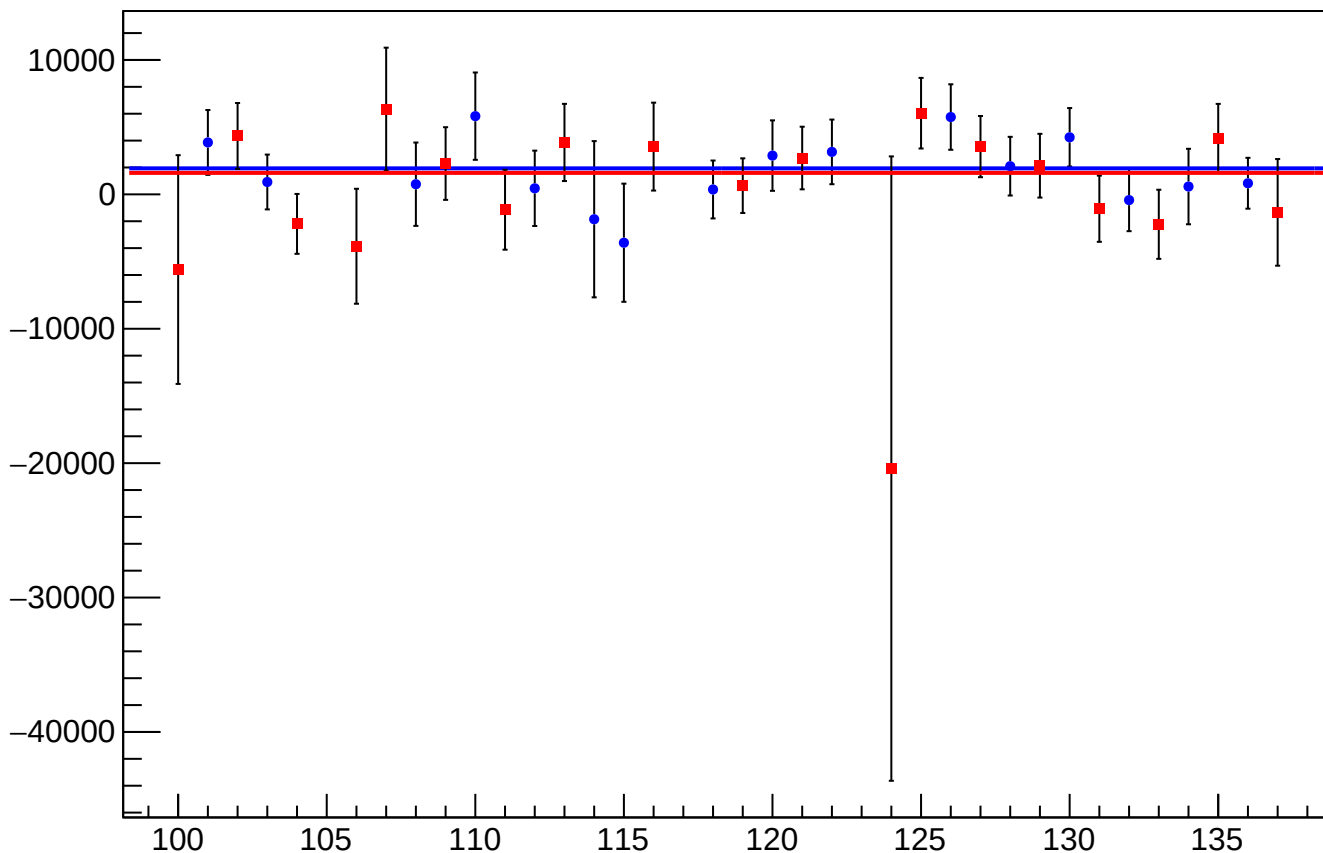
Right: 0.000+/-0.000 χ^2/NDF : 4888401.8/34

In: 0.000+/-0.000 χ^2/NDF : 2011207.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4888401.8/34

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1934.755 $\pm$ 627.874 χ^2/NDF : 10.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1597.959 $\pm$ 642.207 χ^2/NDF : 19.4/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

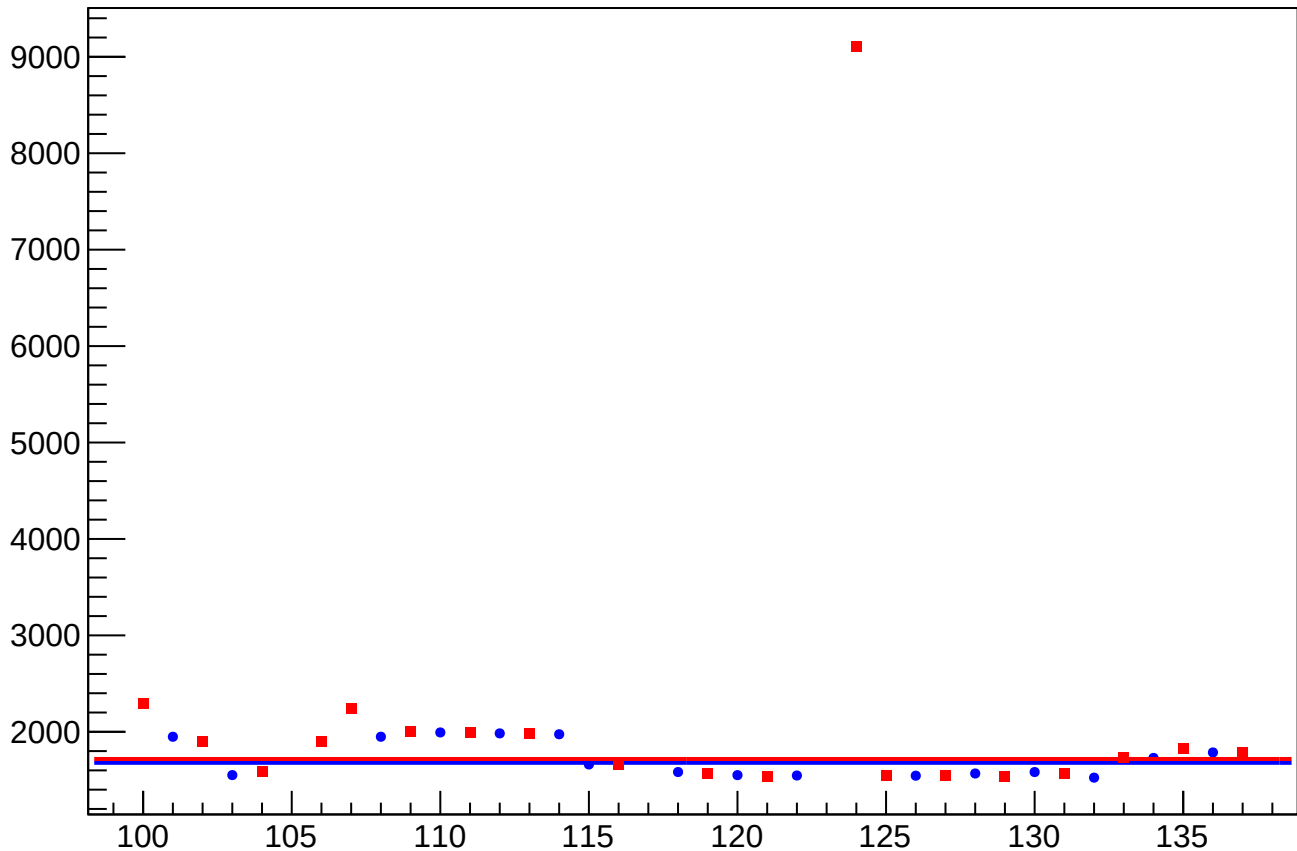
Right: 1770.157 $\pm$ 448.956 χ^2/NDF : 30.4/34

In: 1934.755 $\pm$ 627.874 χ^2/NDF : 10.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1770.157 $\pm$ 448.956 χ^2/NDF : 30.4/34

reg_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1678.543+/-0.444 χ^2/NDF : 141482.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1718.312+/-0.452 χ^2/NDF : 383179.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

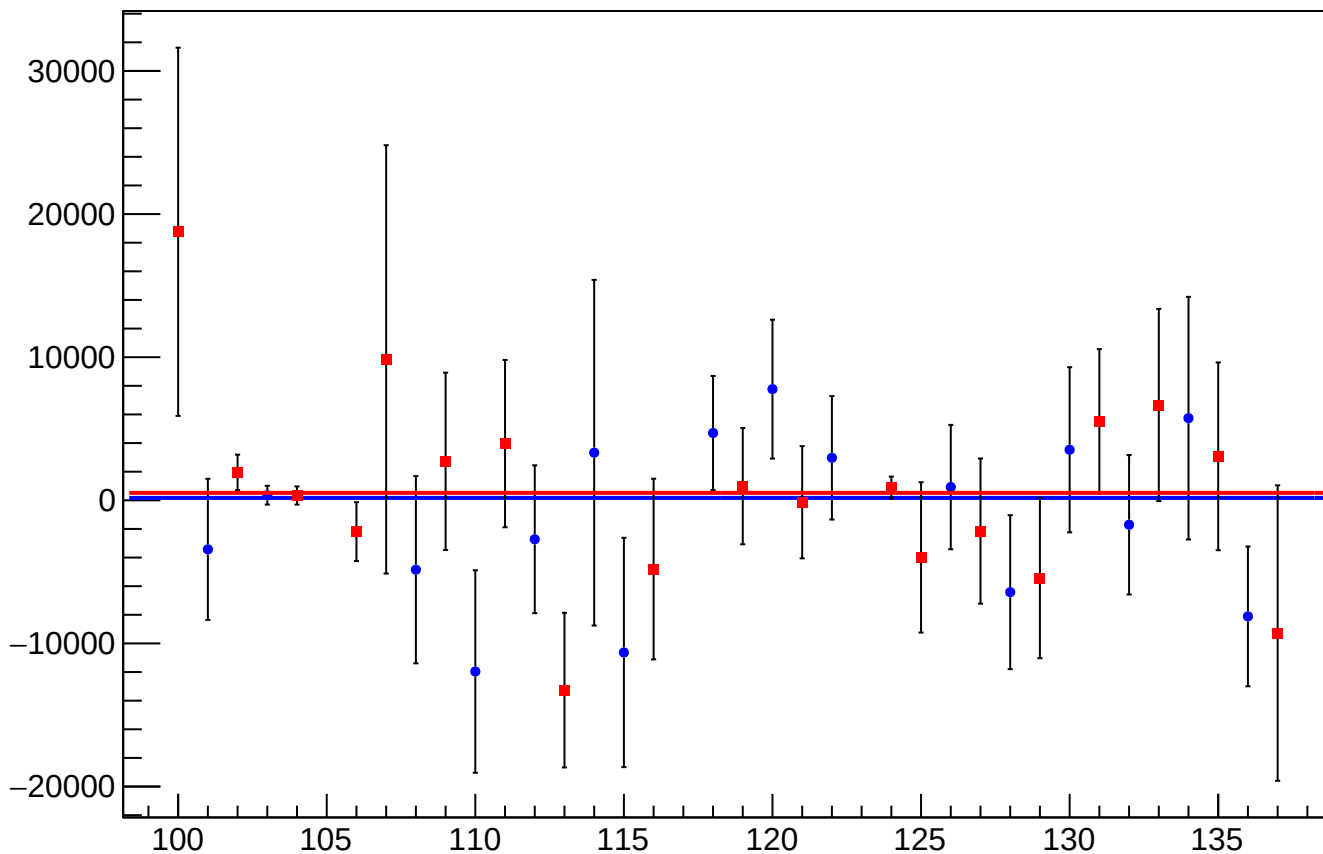
Right: 1698.073+/-0.317 χ^2/NDF : 528602.3/34

In: 1678.543+/-0.444 χ^2/NDF : 141482.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.073+/-0.317 χ^2/NDF : 528602.3/34

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 168.283 $\pm$ 591.607 χ^2 /NDF: 15.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 521.080 $\pm$ 424.783 χ^2 /NDF: 18.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

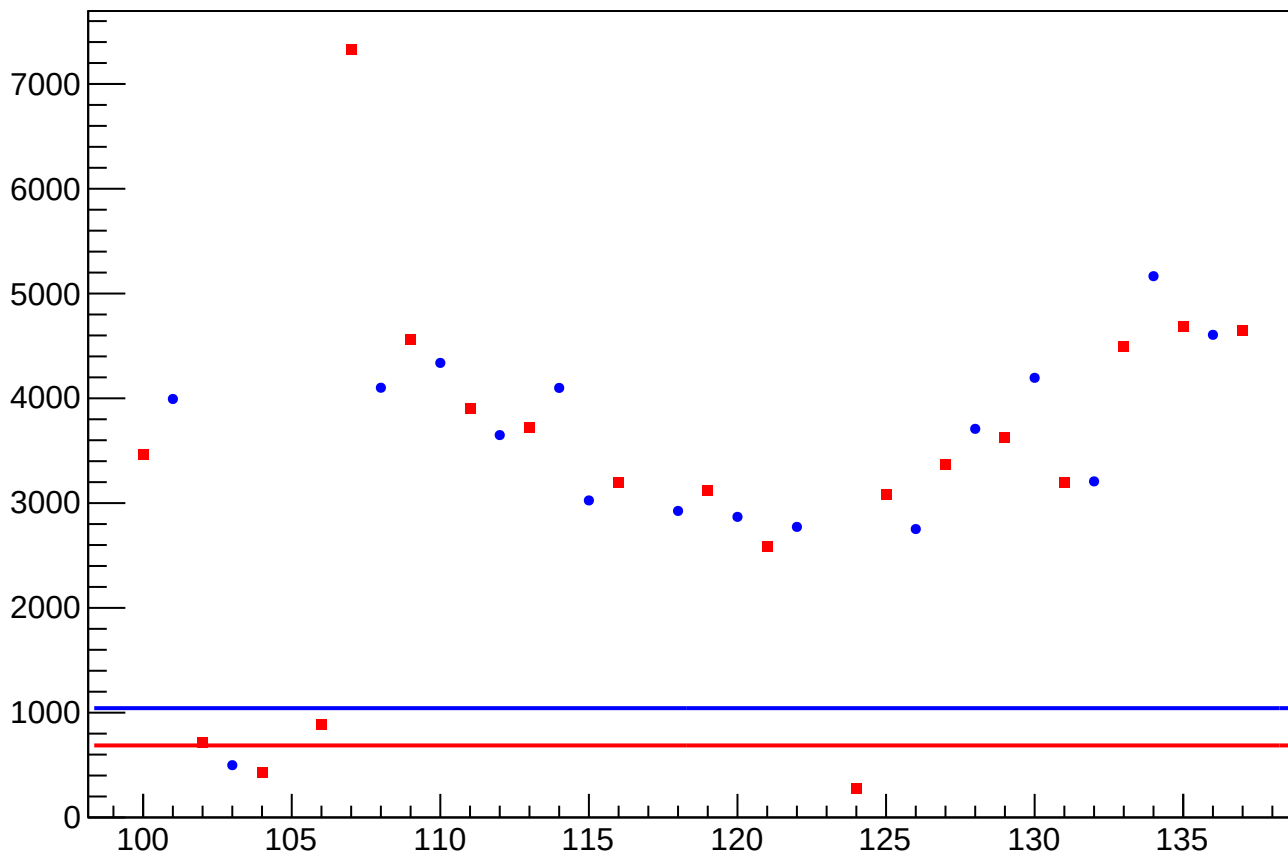
Right: 401.068 $\pm$ 345.050 χ^2 /NDF: 34.6/34

In: 168.283 $\pm$ 591.607 χ^2 /NDF:15.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 401.068 $\pm$ 345.050 χ^2 /NDF: 34.6/34

asym_atl_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1043.117+/-0.418 χ^2/NDF : 8111897.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 687.329+/-0.300 χ^2/NDF : 8631529.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

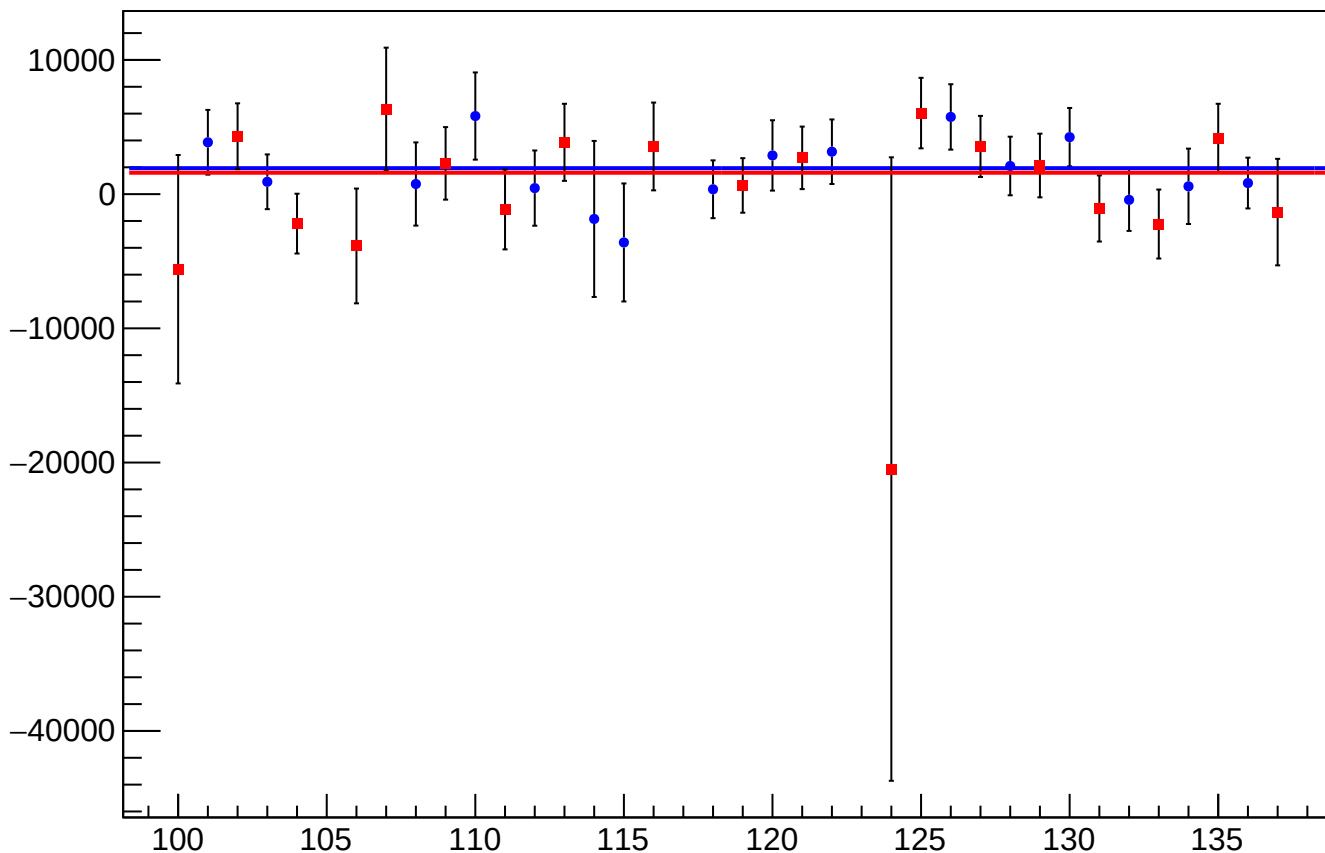
Right: 808.358+/-0.244 χ^2/NDF : 17220710.7/34

In: 1043.117+/-0.418 χ^2/NDF :8111897.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 808.358+/-0.244 χ^2/NDF : 17220710.7/34

cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1934.871 ± 627.874 χ^2/NDF : 10.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1595.521 ± 642.212 χ^2/NDF : 19.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

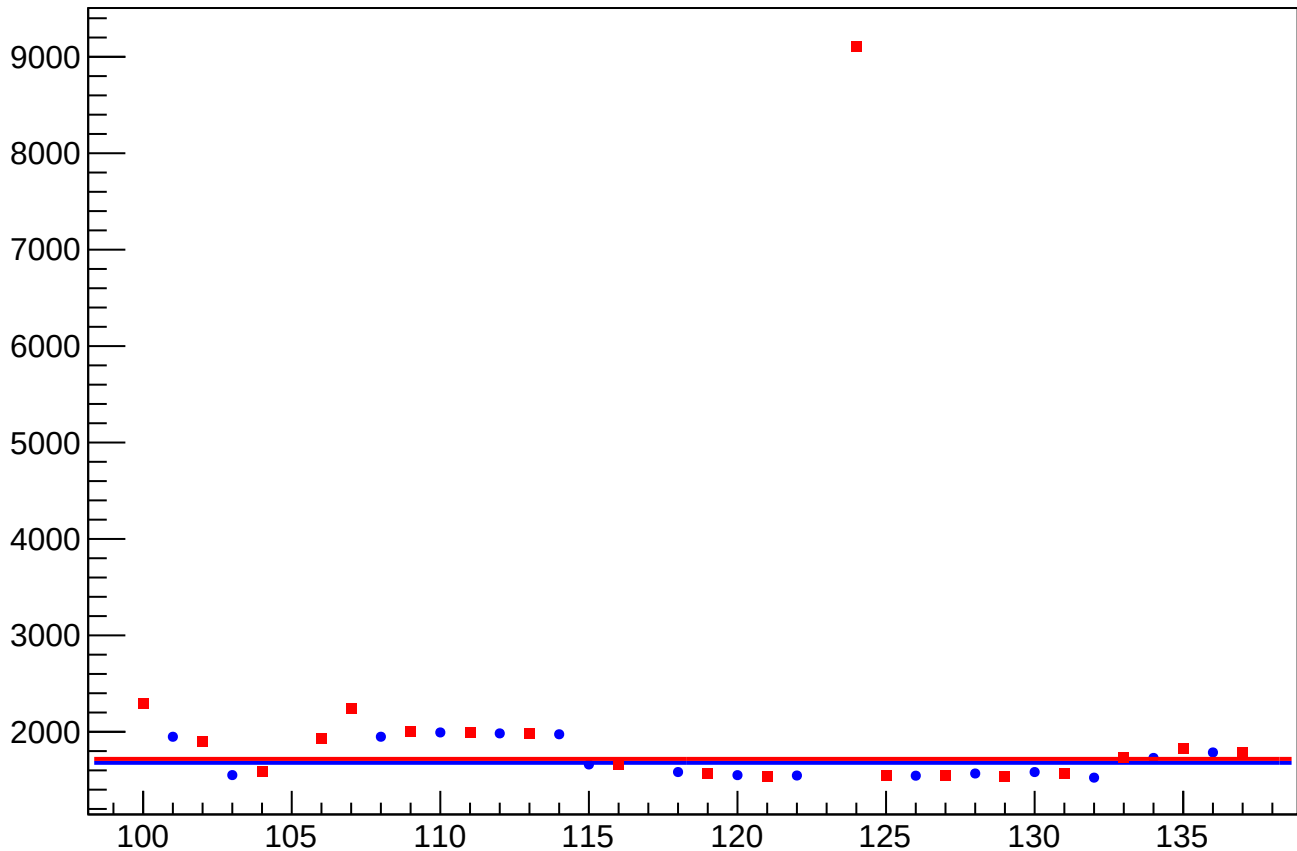
Right: 1769.026 ± 448.957 χ^2/NDF : 30.4/34

In: 1934.871 ± 627.874 χ^2/NDF : 10.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1769.026 ± 448.957 χ^2/NDF : 30.4/34

cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.146+/-0.452 χ^2/NDF : 384922.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

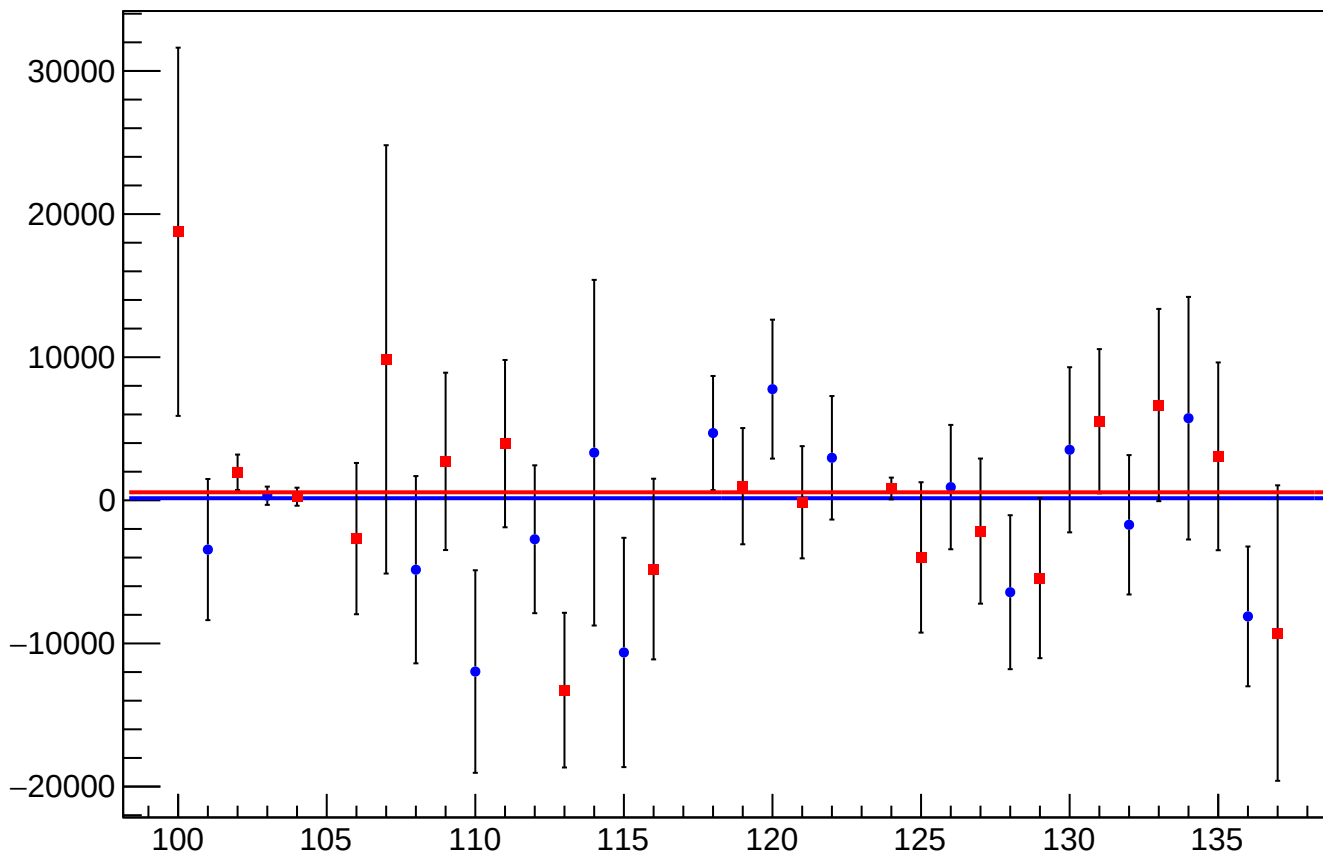
Right: 1698.473+/-0.317 χ^2/NDF : 530510.4/34

In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.473+/-0.317 χ^2/NDF : 530510.4/34

asym_atl_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.454+/-430.621 χ^2/NDF : 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

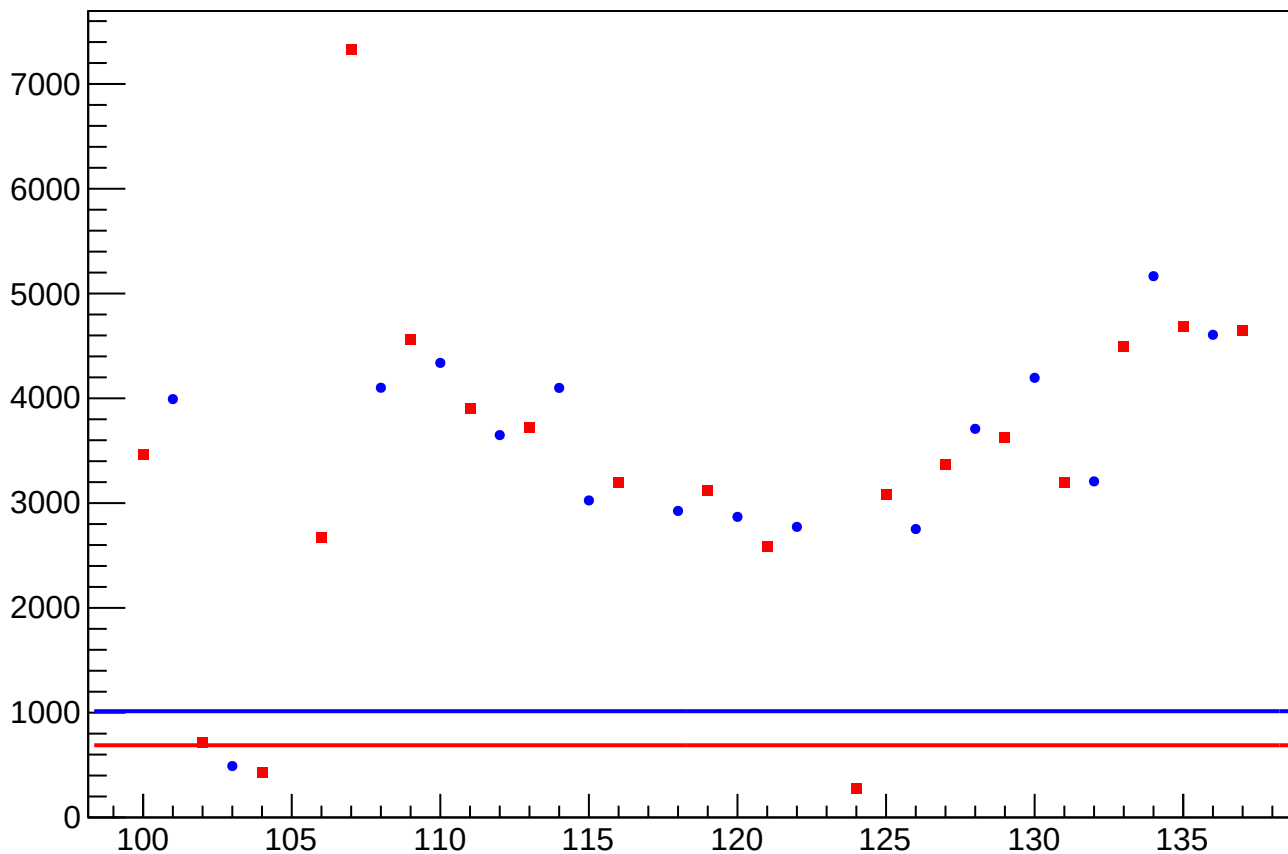
Right: 413.806+/-345.609 χ^2/NDF : 33.3/34

In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.806+/-345.609 χ^2/NDF : 33.3/34

asym_atl_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1014.094+/-0.410 χ^2/NDF : 8223017.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 689.055+/-0.304 χ^2/NDF : 8910364.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

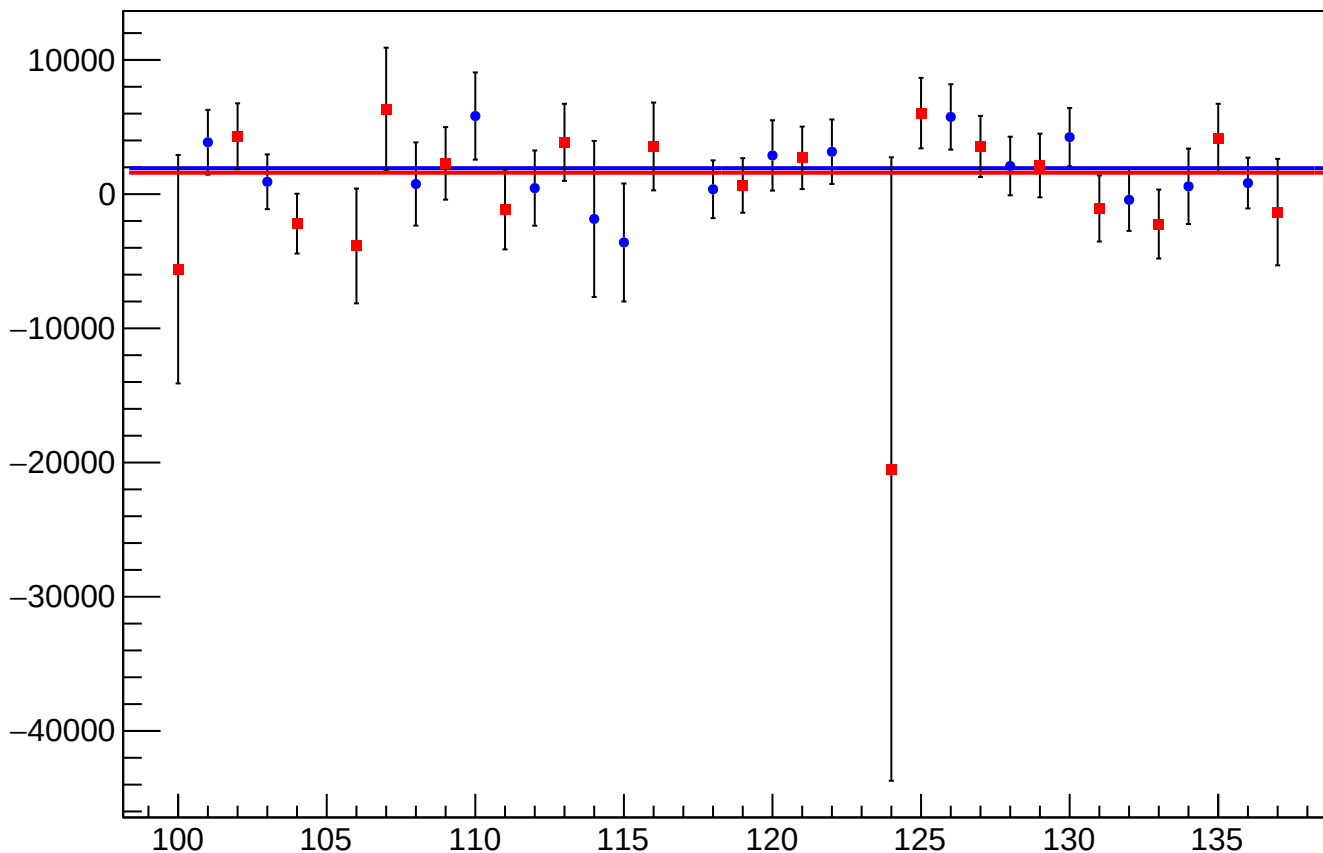
Right: 804.723+/-0.244 χ^2/NDF : 17538883.1/34

In: 1014.094+/-0.410 χ^2/NDF :8223017.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 804.723+/-0.244 χ^2/NDF : 17538883.1/34

eigen_cor_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1934.871 $\pm$ 627.874 χ^2/NDF : 10.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1595.521 $\pm$ 642.212 χ^2/NDF : 19.4/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

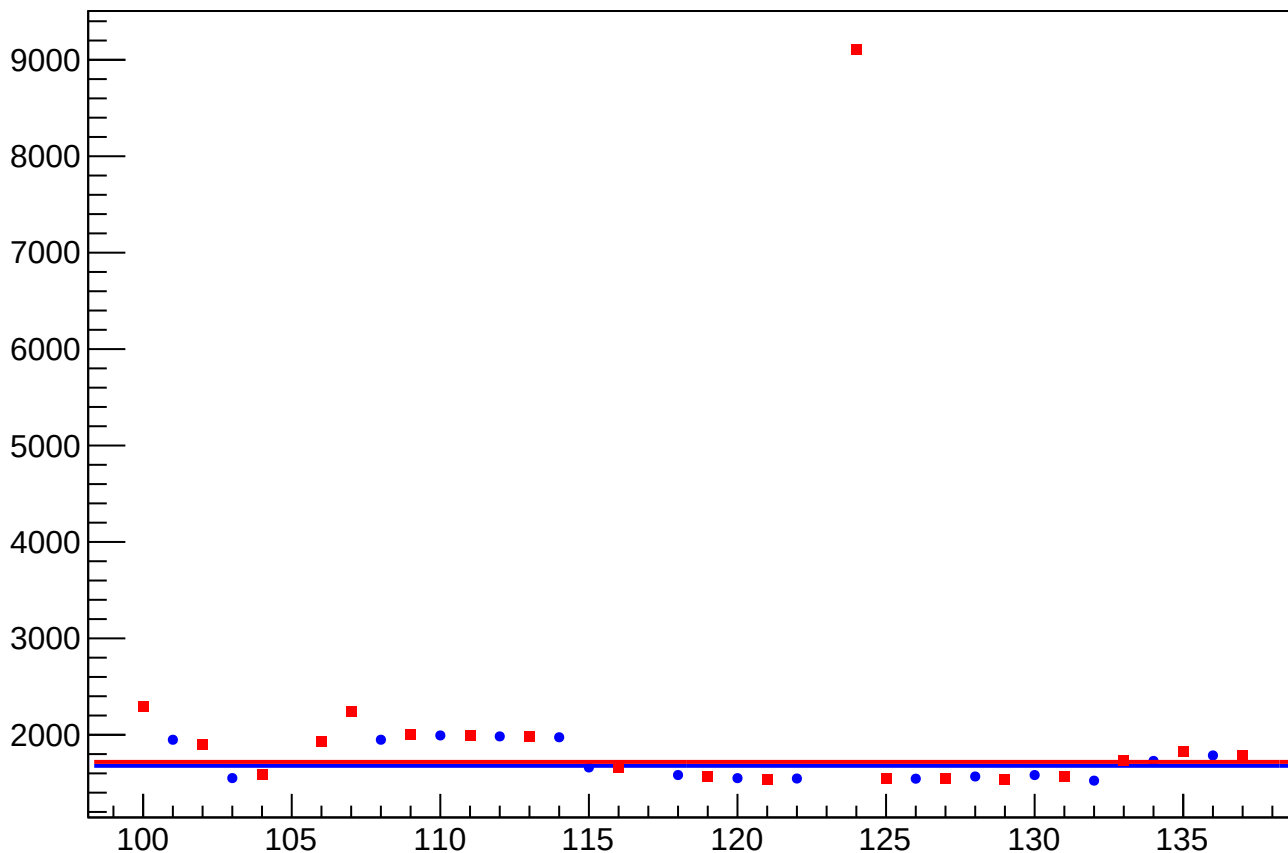
Right: 1769.026 $\pm$ 448.957 χ^2/NDF : 30.4/34

In: 1934.871 $\pm$ 627.874 χ^2/NDF : 10.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1769.026 $\pm$ 448.957 χ^2/NDF : 30.4/34

eigen_cor_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.146+/-0.452 χ^2/NDF : 384922.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

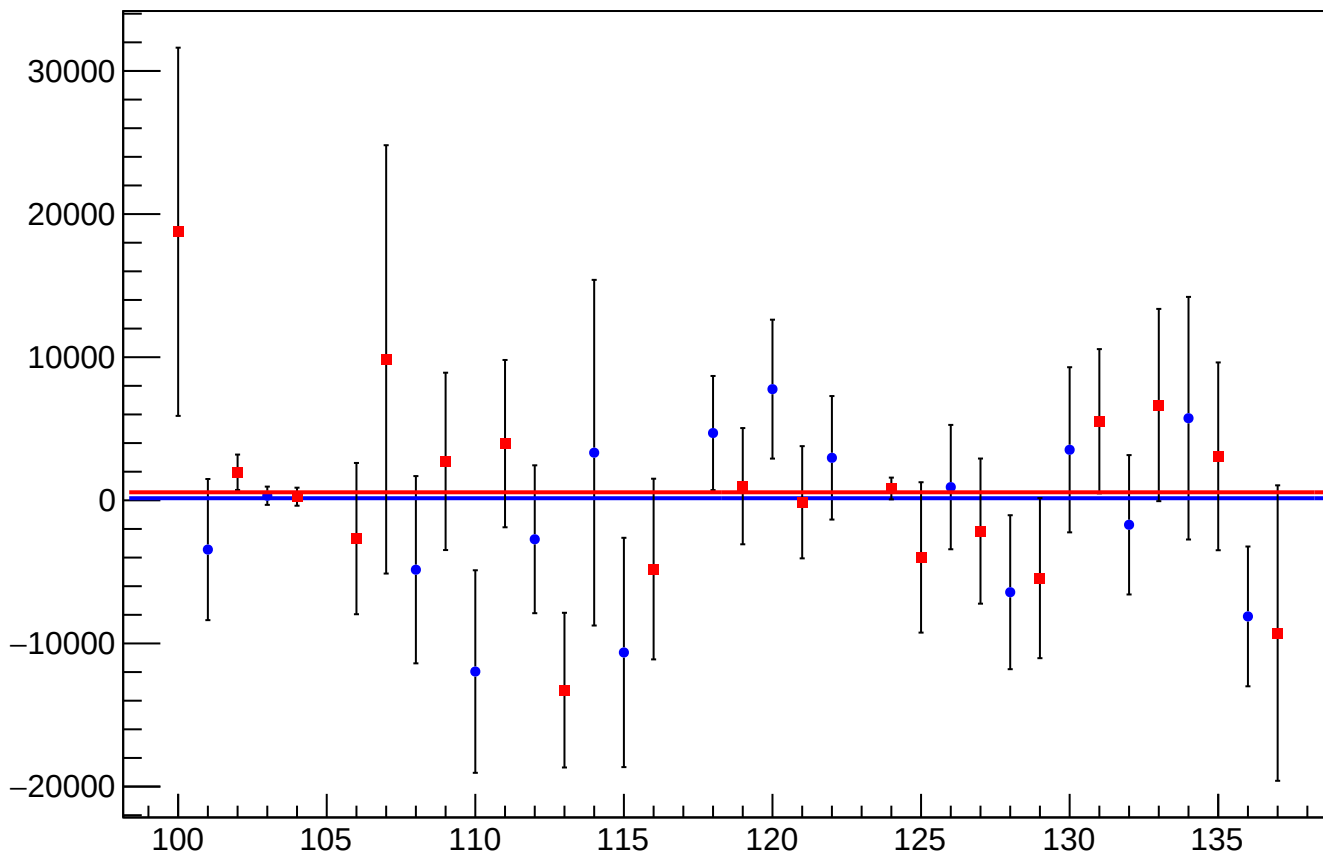
Right: 1698.473+/-0.317 χ^2/NDF : 530510.4/34

In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.473+/-0.317 χ^2/NDF : 530510.4/34

asym_atl_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.454+/-430.621 χ^2/NDF : 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

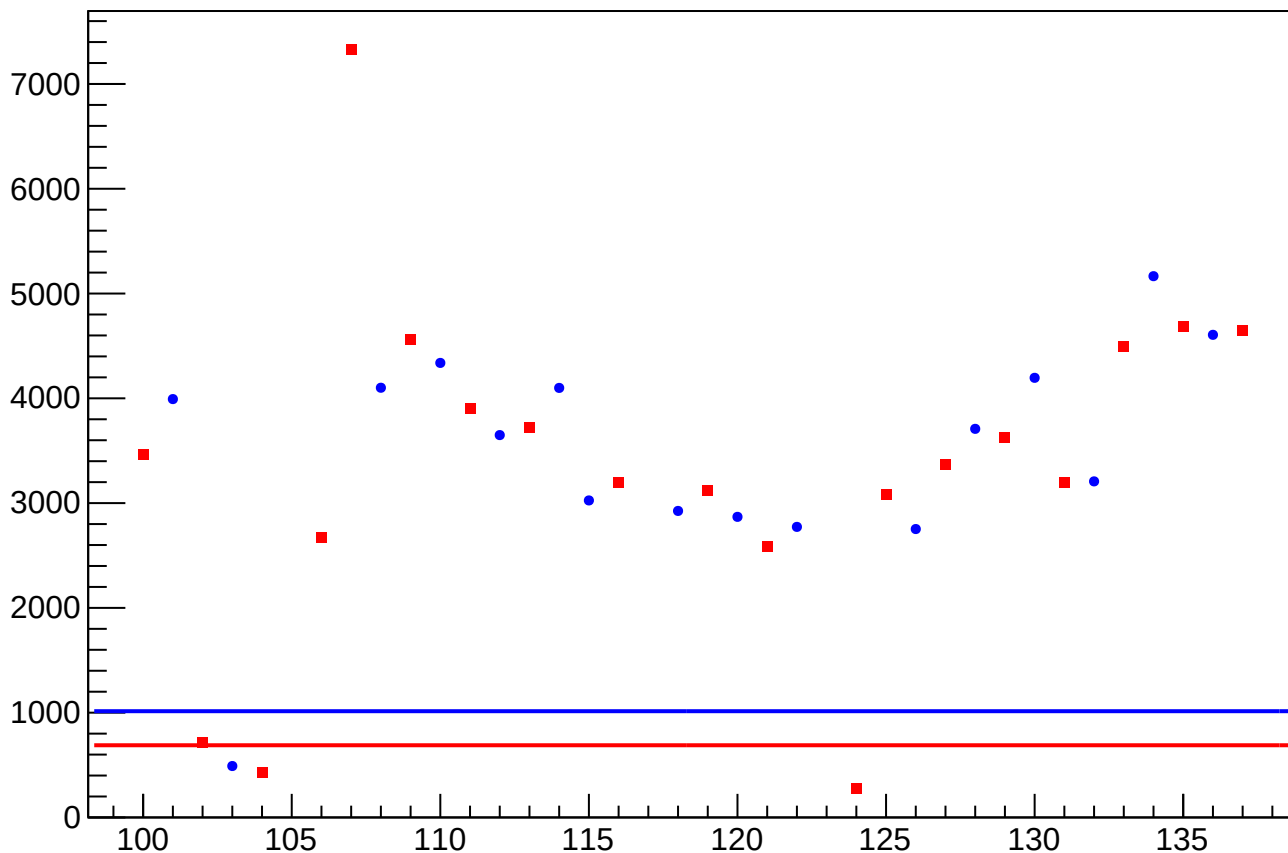
Right: 413.806+/-345.609 χ^2/NDF : 33.3/34

In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.806+/-345.609 χ^2/NDF : 33.3/34

asym_atl_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1014.094+/-0.410 χ^2/NDF : 8223017.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 689.055+/-0.304 χ^2/NDF : 8910364.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

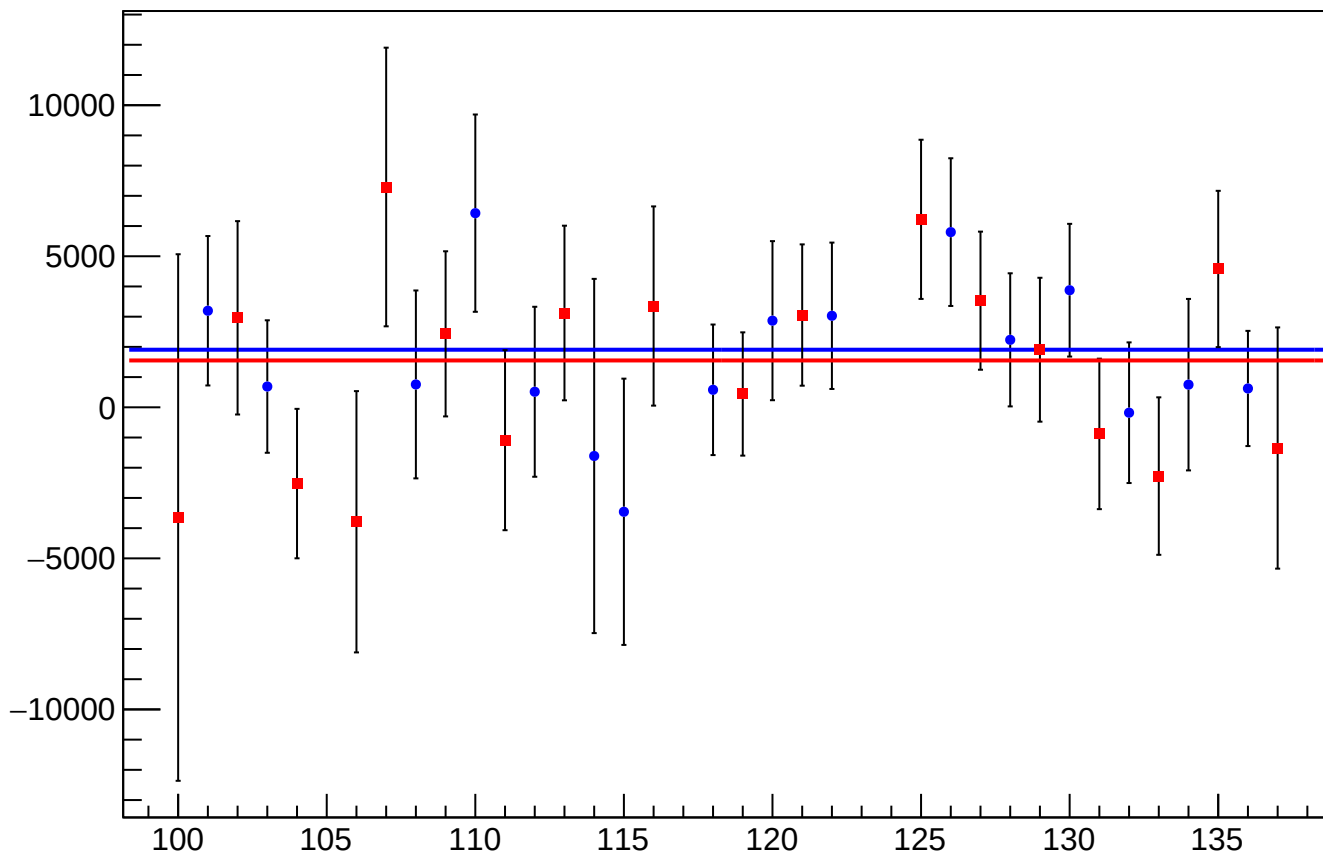
Right: 804.723+/-0.244 χ^2/NDF : 17538883.1/34

In: 1014.094+/-0.410 χ^2/NDF :8223017.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 804.723+/-0.244 χ^2/NDF : 17538883.1/34

dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1906.205+/-636.433 χ^2/NDF : 10.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.986+/-661.054 χ^2/NDF : 17.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

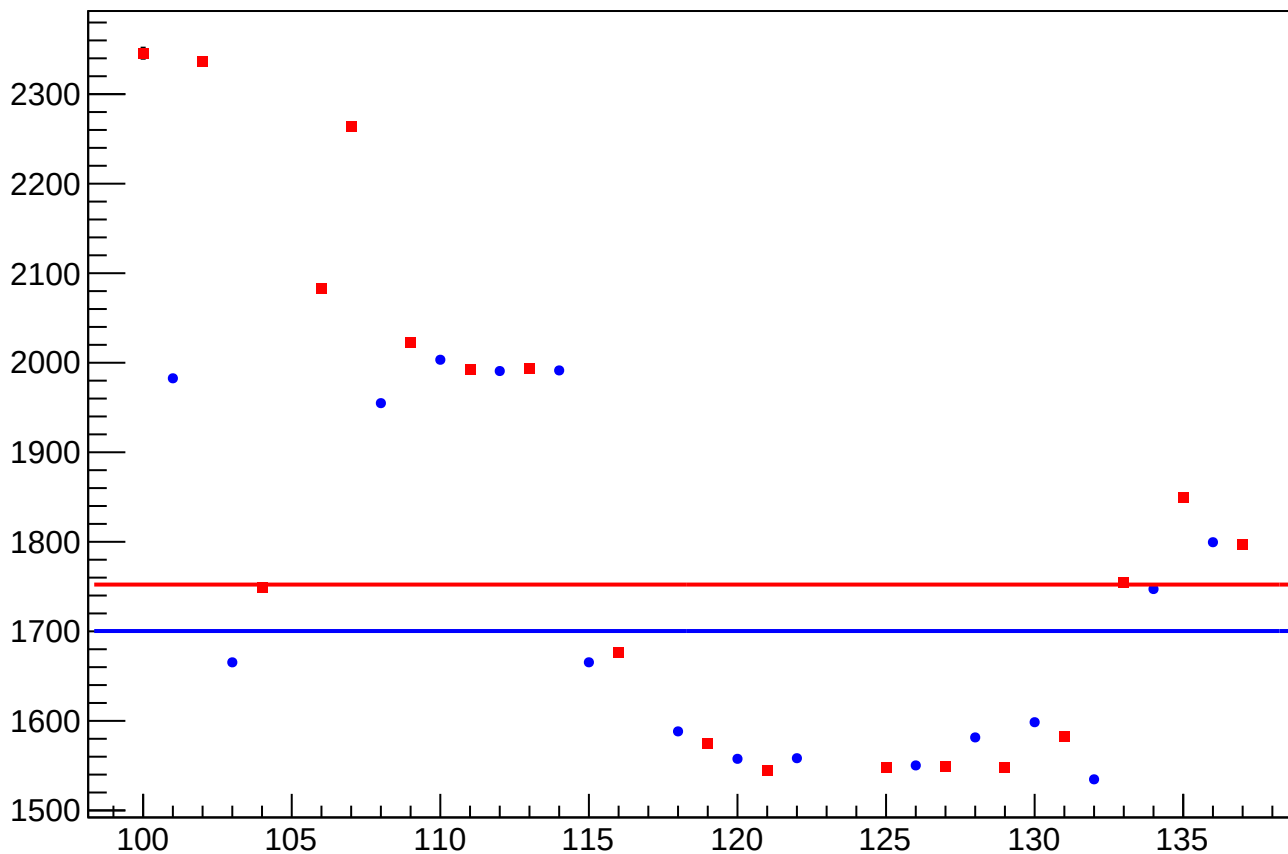
Right: 1735.334+/-458.483 χ^2/NDF : 27.8/33

In: 1906.205+/-636.433 χ^2/NDF : 10.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.334+/-458.483 χ^2/NDF : 27.8/33

dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1700.357+/-0.450 χ^2/NDF : 135419.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1752.239+/-0.466 χ^2/NDF : 247952.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

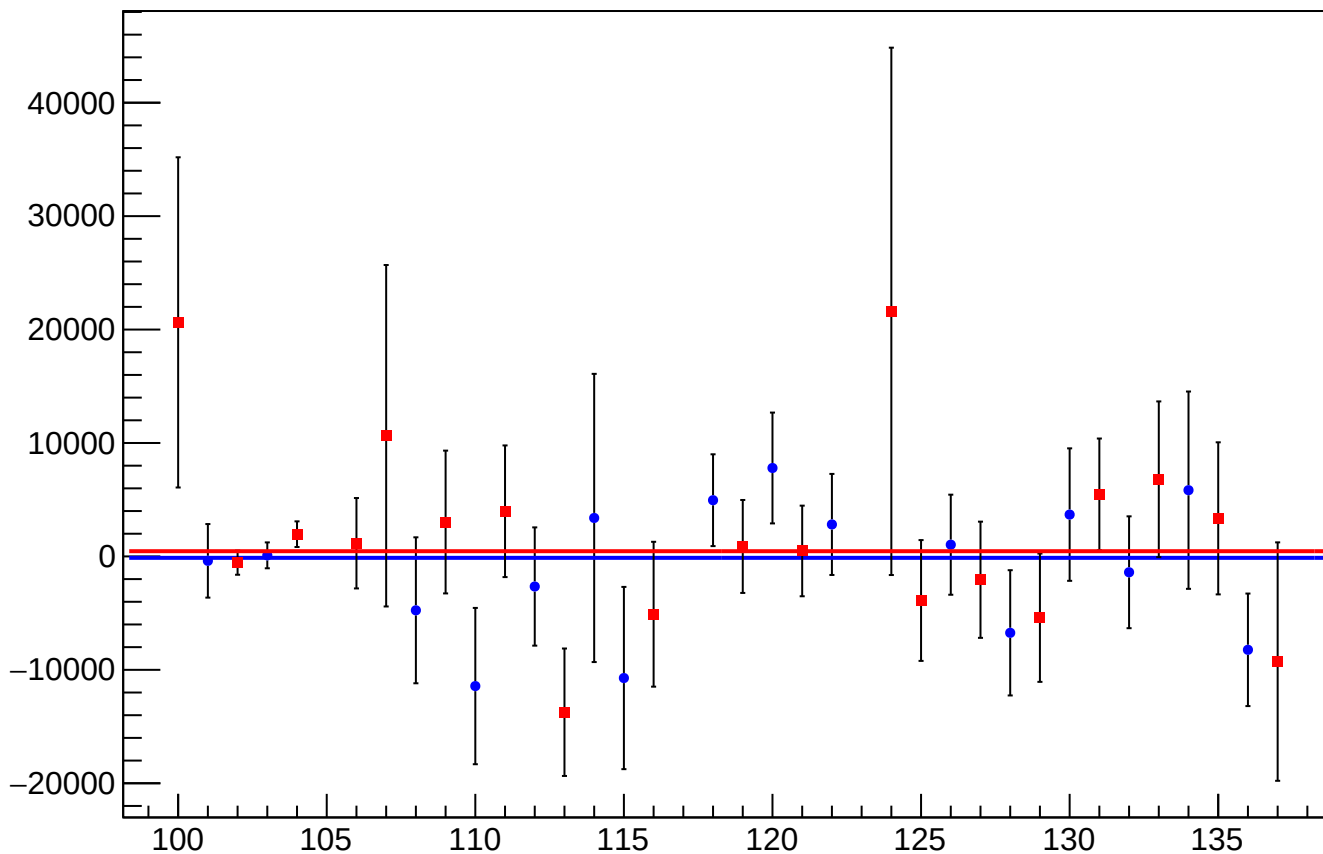
Right: 1725.373+/-0.324 χ^2/NDF : 389780.4/33

In: 1700.357+/-0.450 χ^2/NDF : 135419.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.373+/-0.324 χ^2/NDF : 389780.4/33

asym_atl_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.468+/-867.645 χ^2/NDF : 15.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.431+/-679.157 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

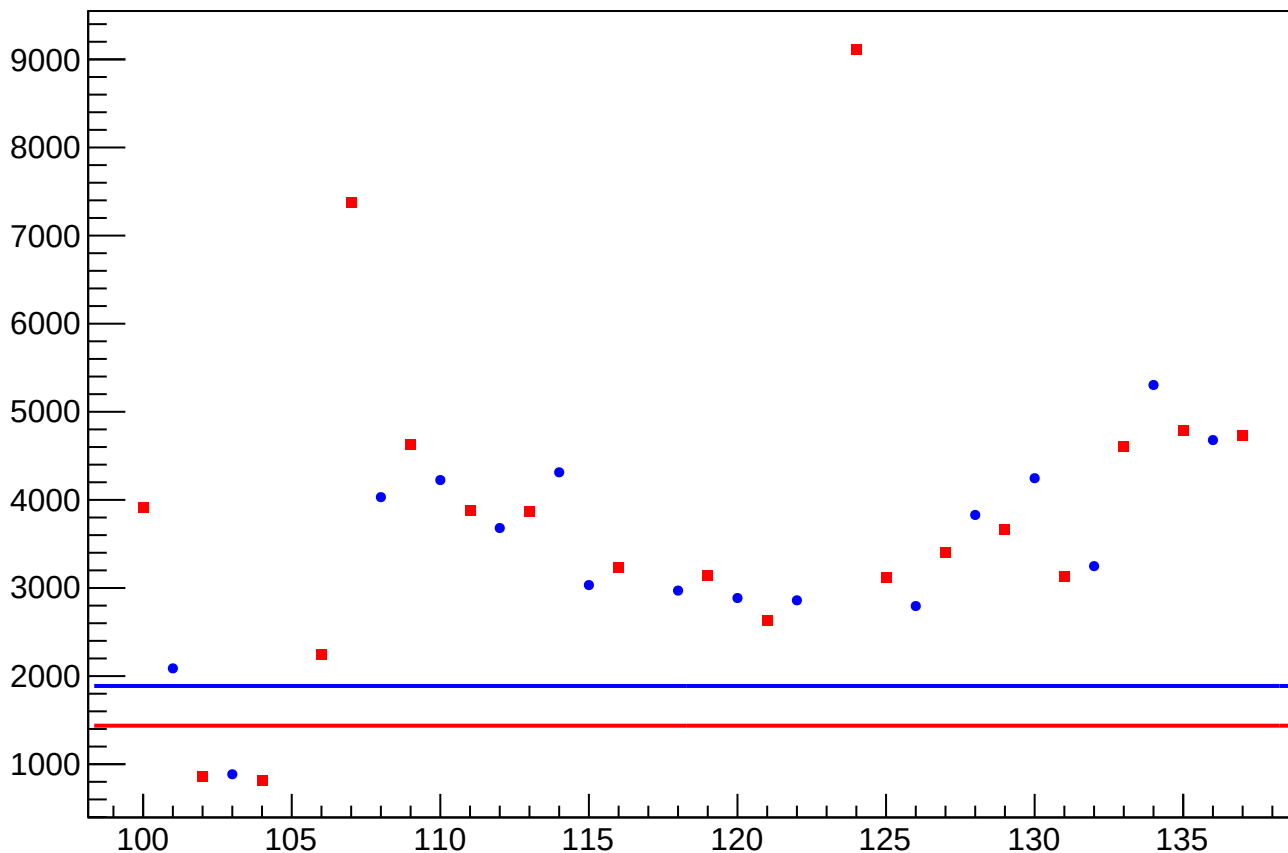
Right: 237.213+/-534.800 χ^2/NDF : 33.9/34

In: -125.468+/-867.645 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.213+/-534.800 χ^2/NDF : 33.9/34

asym_atl_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1887.999+/-0.614 χ^2/NDF : 4425691.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1437.108+/-0.480 χ^2/NDF : 5964193.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

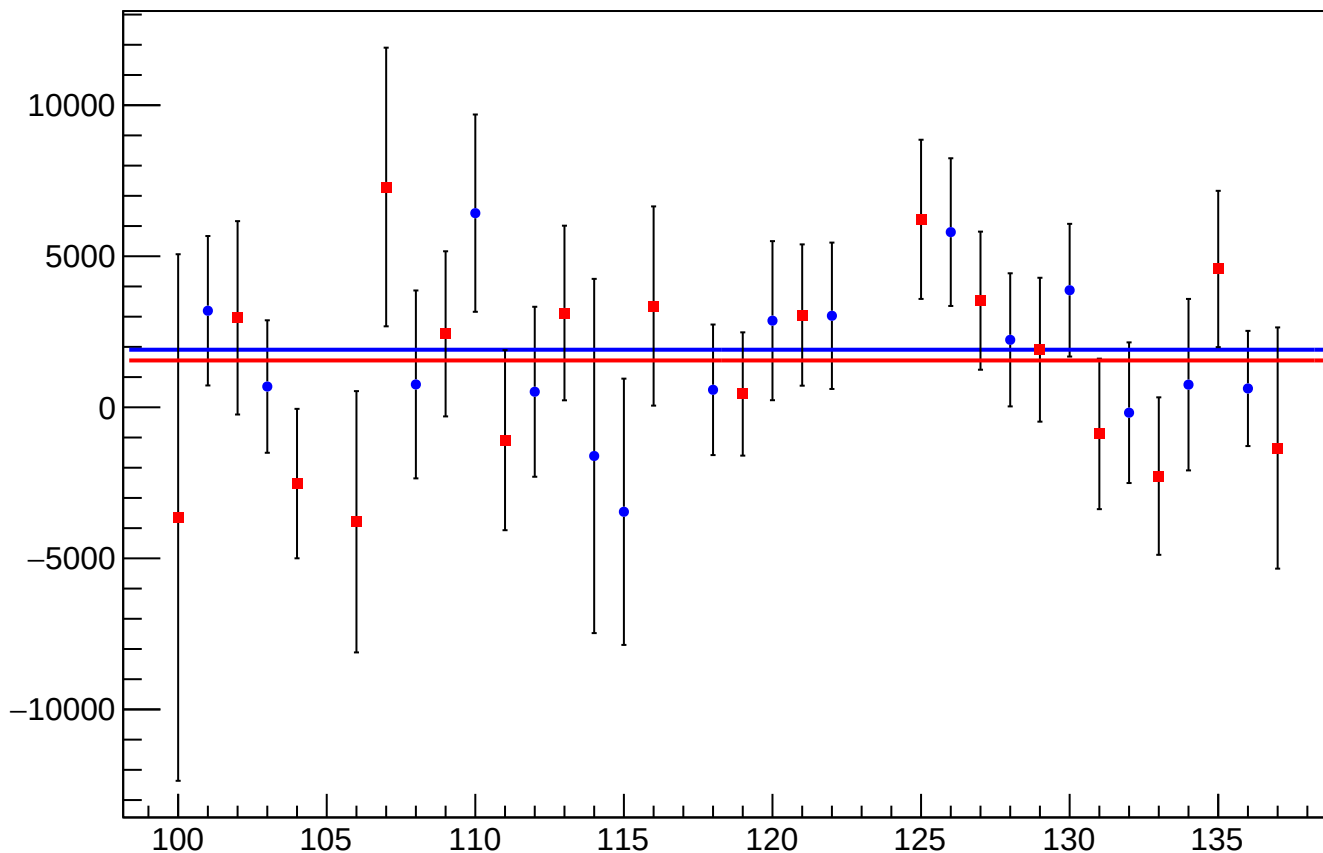
Right: 1608.413+/-0.378 χ^2/NDF : 10724797.8/34

In: 1887.999+/-0.614 χ^2/NDF : 4425691.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.413+/-0.378 χ^2/NDF : 10724797.8/34

eigen_dit_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1906.203+/-636.433 χ^2/NDF : 10.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1550.983+/-661.054 χ^2/NDF : 17.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

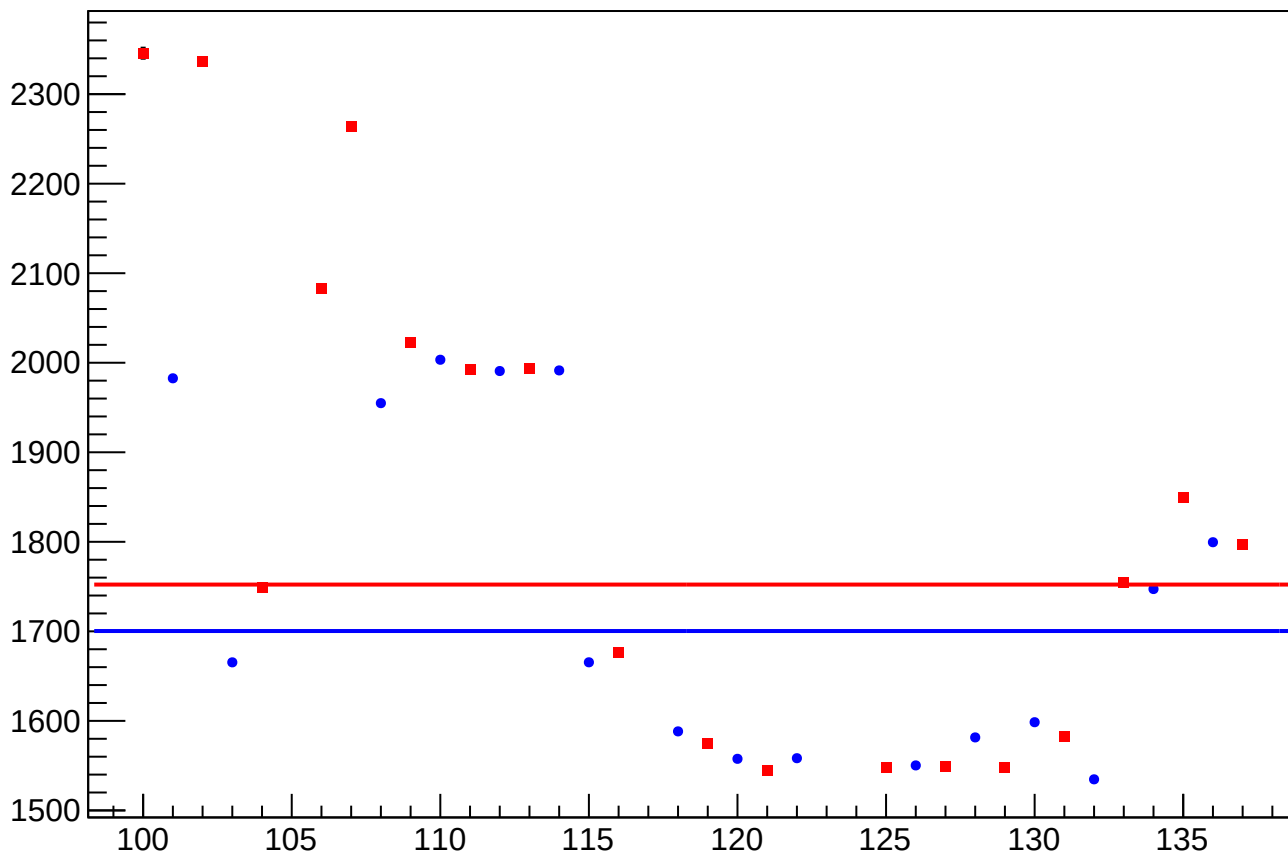
Right: 1735.331+/-458.483 χ^2/NDF : 27.8/33

In: 1906.203+/-636.433 χ^2/NDF : 10.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.331+/-458.483 χ^2/NDF : 27.8/33

eigen_dit_asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 1700.357+/-0.450 χ^2/NDF : 135419.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1752.238+/-0.466 χ^2/NDF : 247952.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

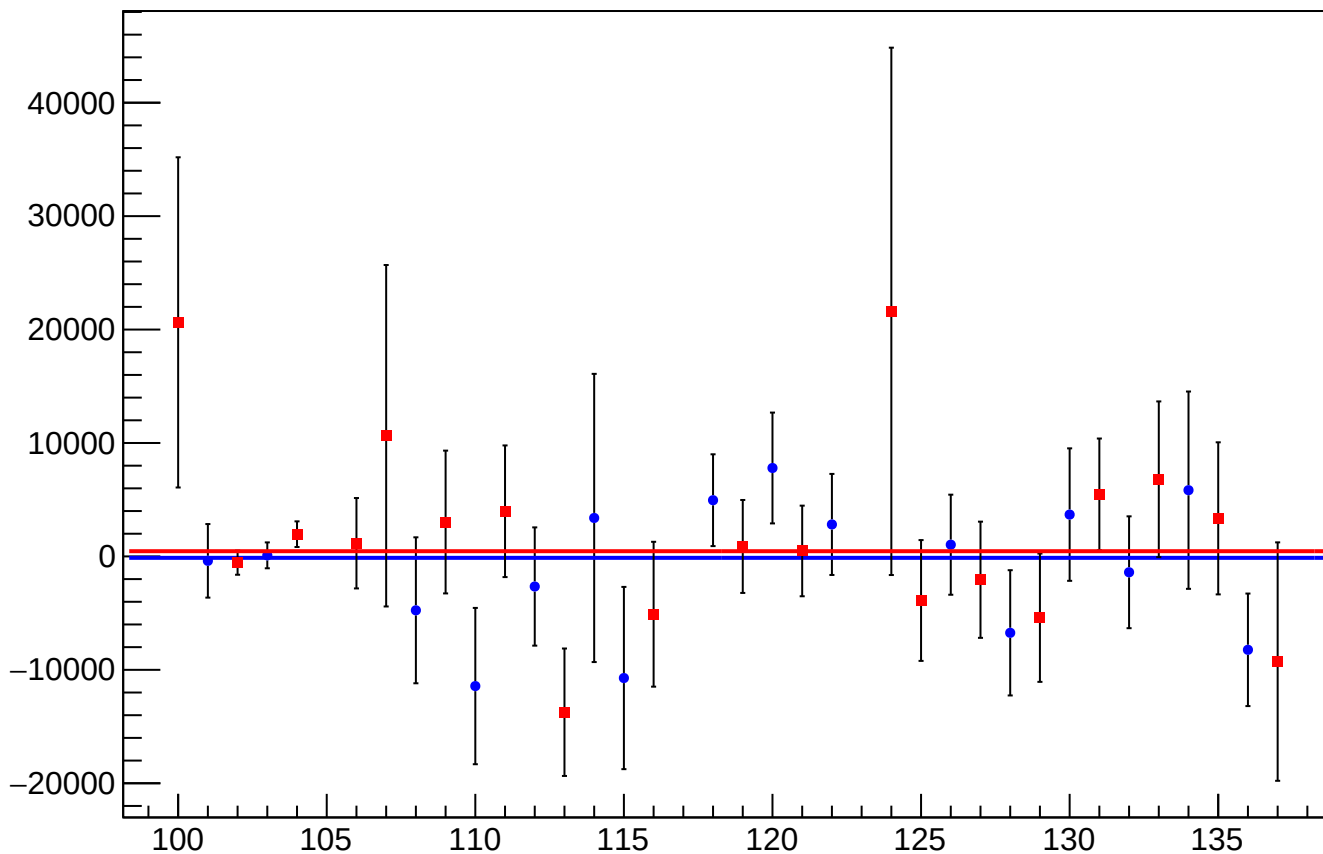
Right: 1725.372+/-0.324 χ^2/NDF : 389780.1/33

In: 1700.357+/-0.450 χ^2/NDF : 135419.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1725.372+/-0.324 χ^2/NDF : 389780.1/33

asym_atl_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -125.464 $\pm$ 867.639 χ^2 /NDF: 15.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 459.430 $\pm$ 679.152 χ^2 /NDF: 18.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

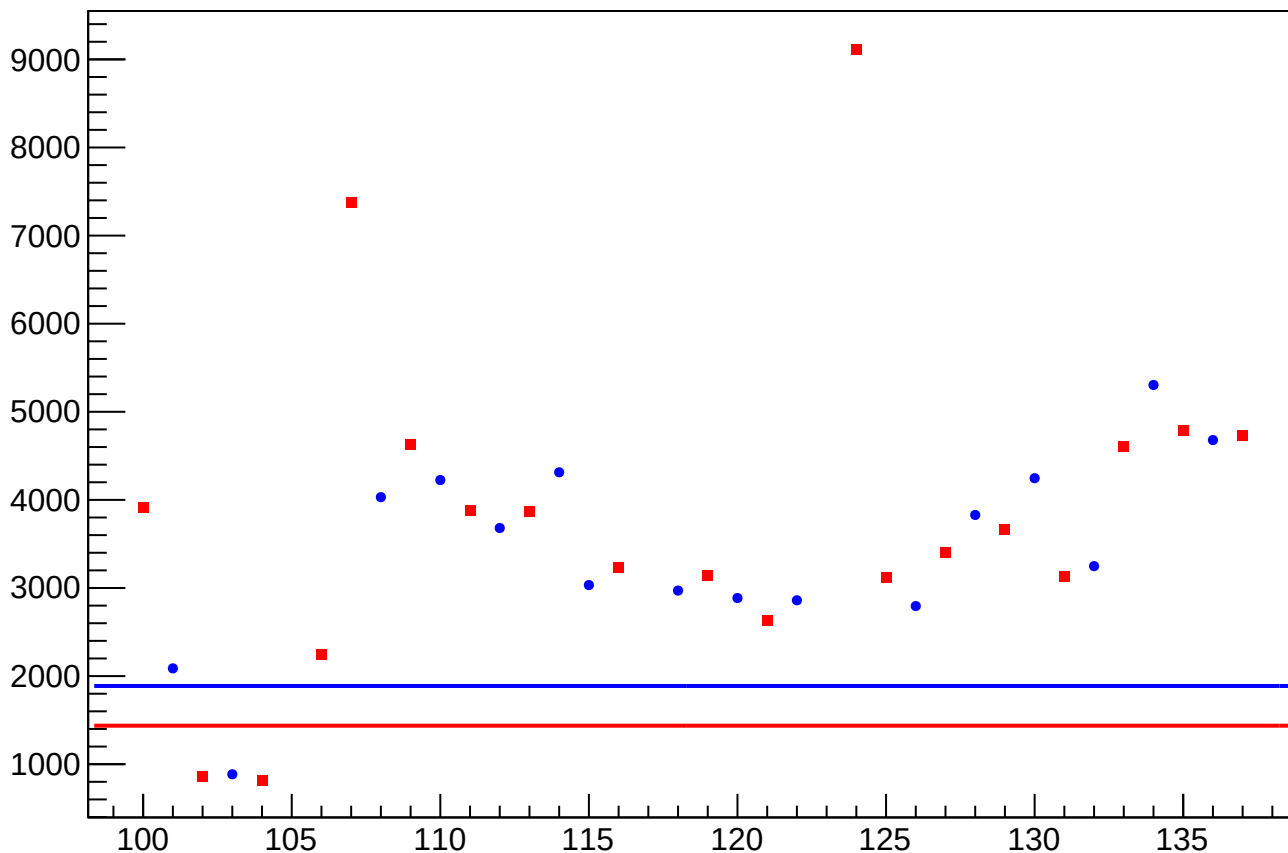
Right: 237.214 $\pm$ 534.797 χ^2 /NDF: 33.9/34

In: -125.464 $\pm$ 867.639 χ^2 /NDF:15.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 237.214 $\pm$ 534.797 χ^2 /NDF: 33.9/34

asym_atl_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1887.982+/-0.614 χ^2/NDF : 4425728.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1437.095+/-0.480 χ^2/NDF : 5964228.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

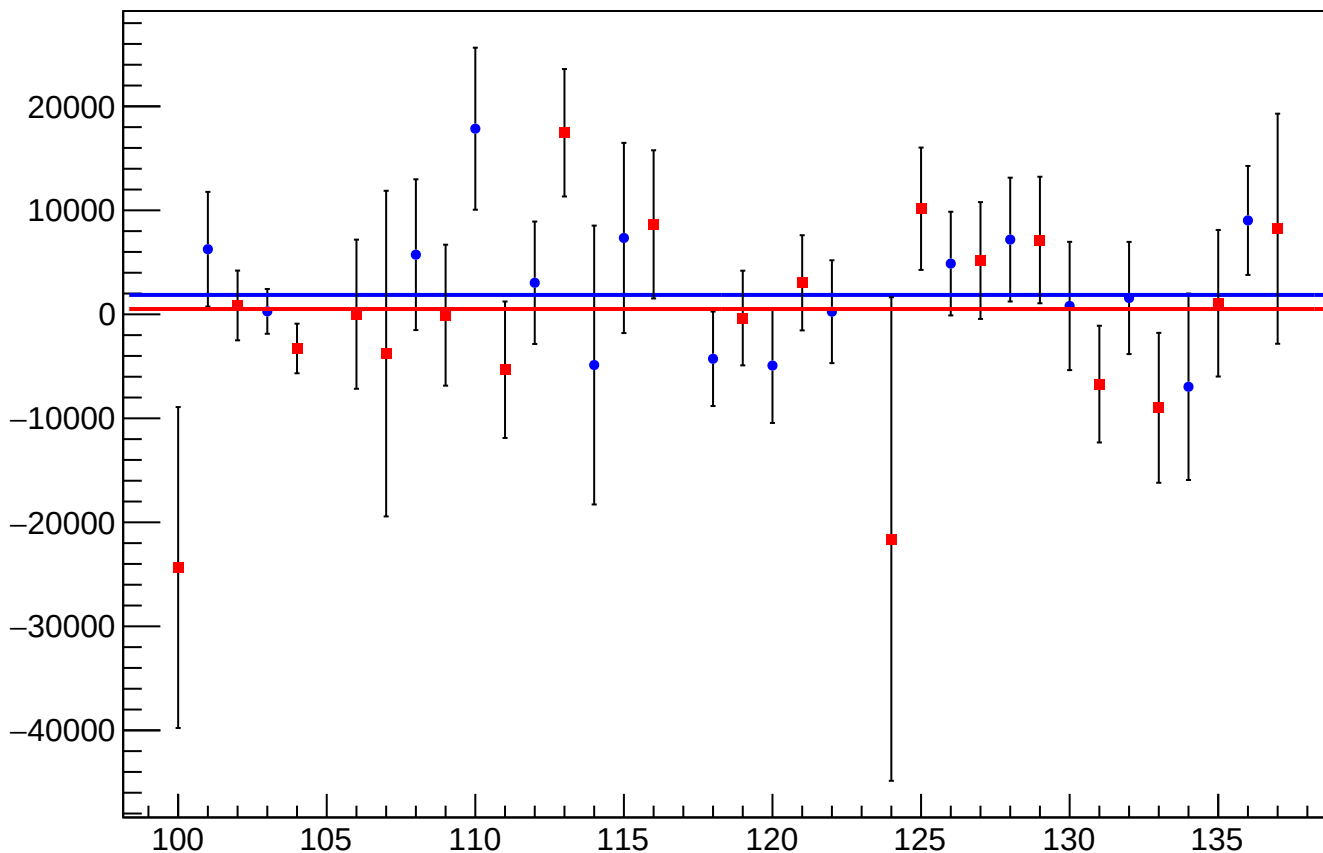
Right: 1608.398+/-0.378 χ^2/NDF : 10724869.8/34

In: 1887.982+/-0.614 χ^2/NDF :4425728.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1608.398+/-0.378 χ^2/NDF : 10724869.8/34

asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1866.618+/-1259.187 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 512.528+/-1241.513 χ^2/NDF : 24.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

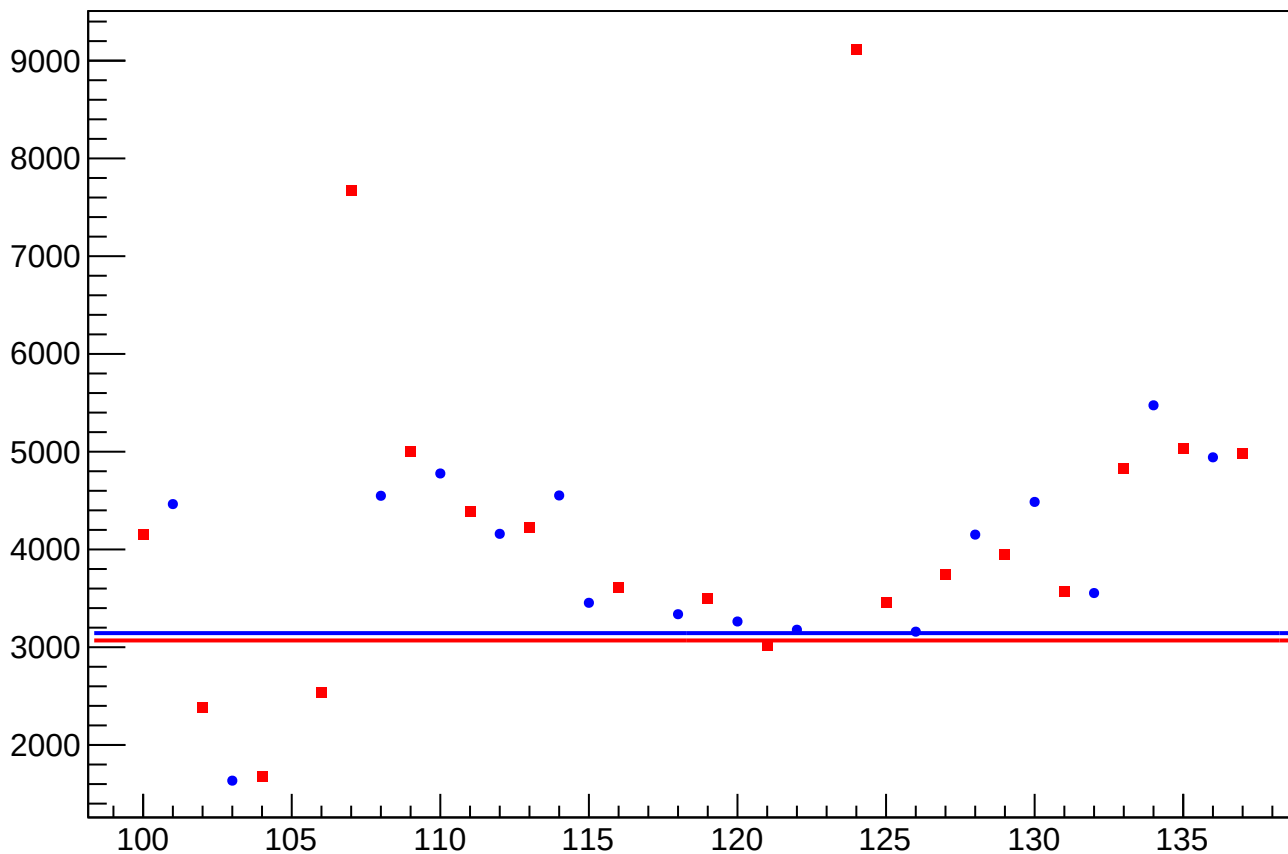
Right: 1180.003+/-884.065 χ^2/NDF : 39.1/34

In: 1866.618+/-1259.187 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.003+/-884.065 χ^2/NDF : 39.1/34

asym_atl_avg_rms vs Slug, Sign Corrected



Right In: 3144.136+/-0.890 χ^2/NDF : 1883139.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3069.098+/-0.864 χ^2/NDF : 1881644.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

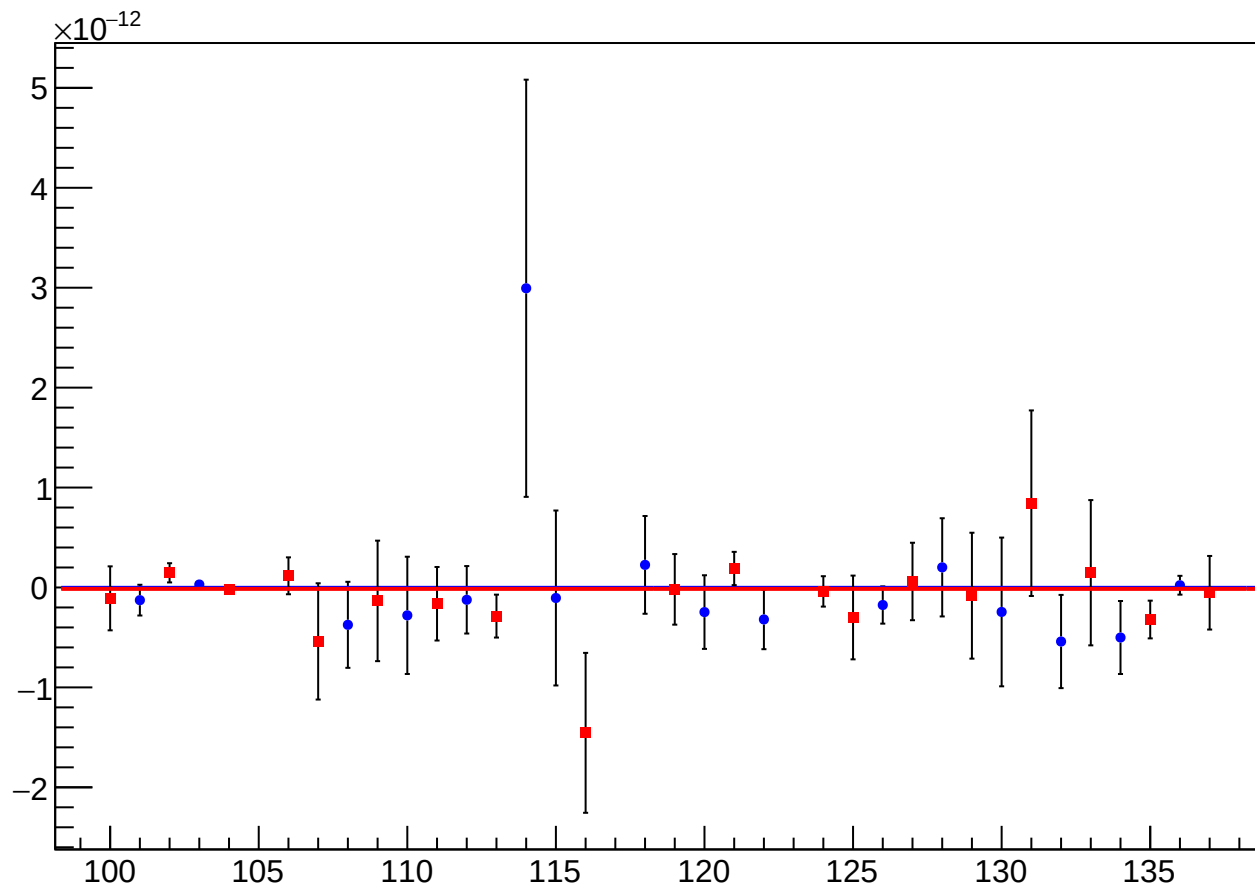
Right: 3105.498+/-0.620 χ^2/NDF : 3768440.9/34

In: 3144.136+/-0.890 χ^2/NDF : 1883139.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3105.498+/-0.620 χ^2/NDF : 3768440.9/34

asym_atl_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

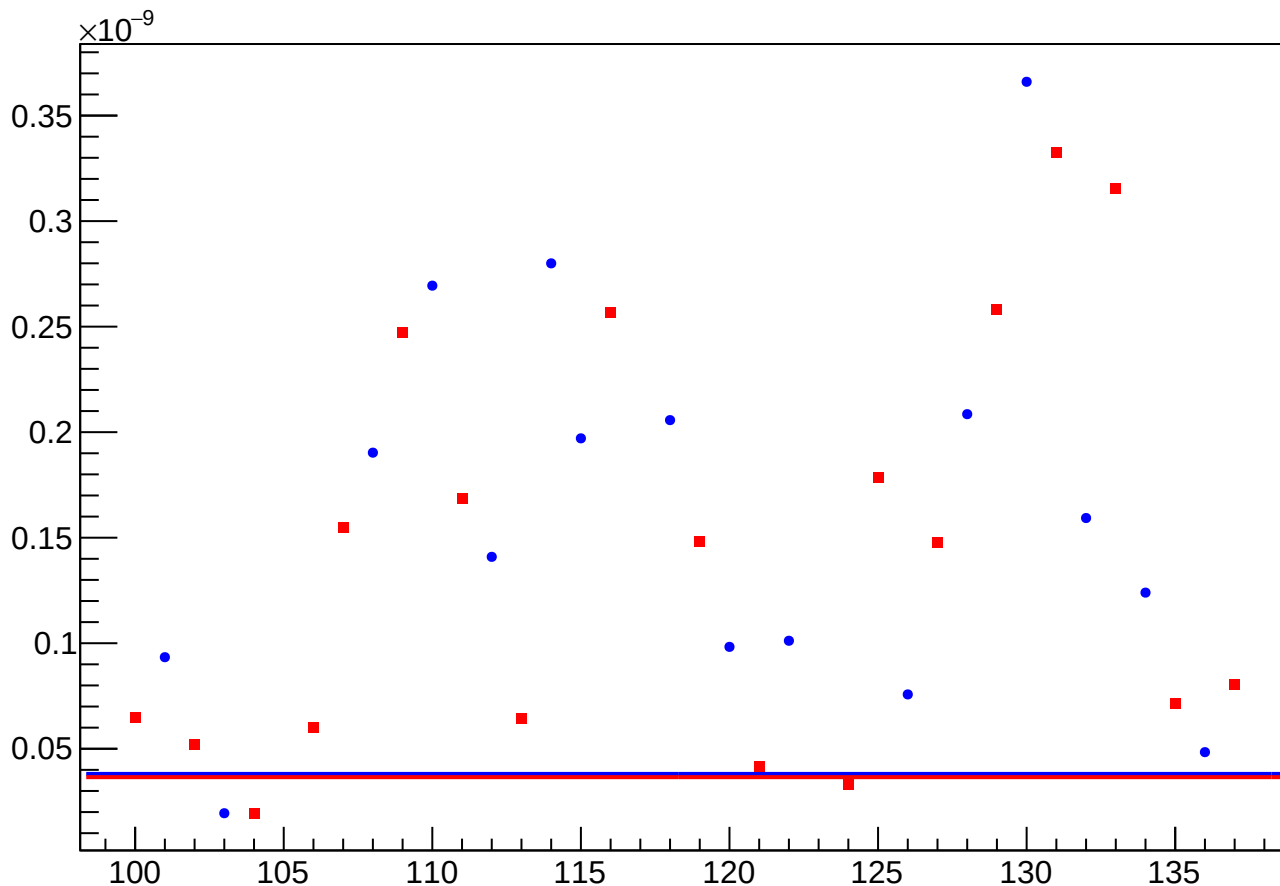
Right: -0.000+/-0.000 χ^2/NDF : 25.6/34

In: -0.000+/-0.000 χ^2/NDF : 10.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.6/34

asym_atl_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2888502.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2683451.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

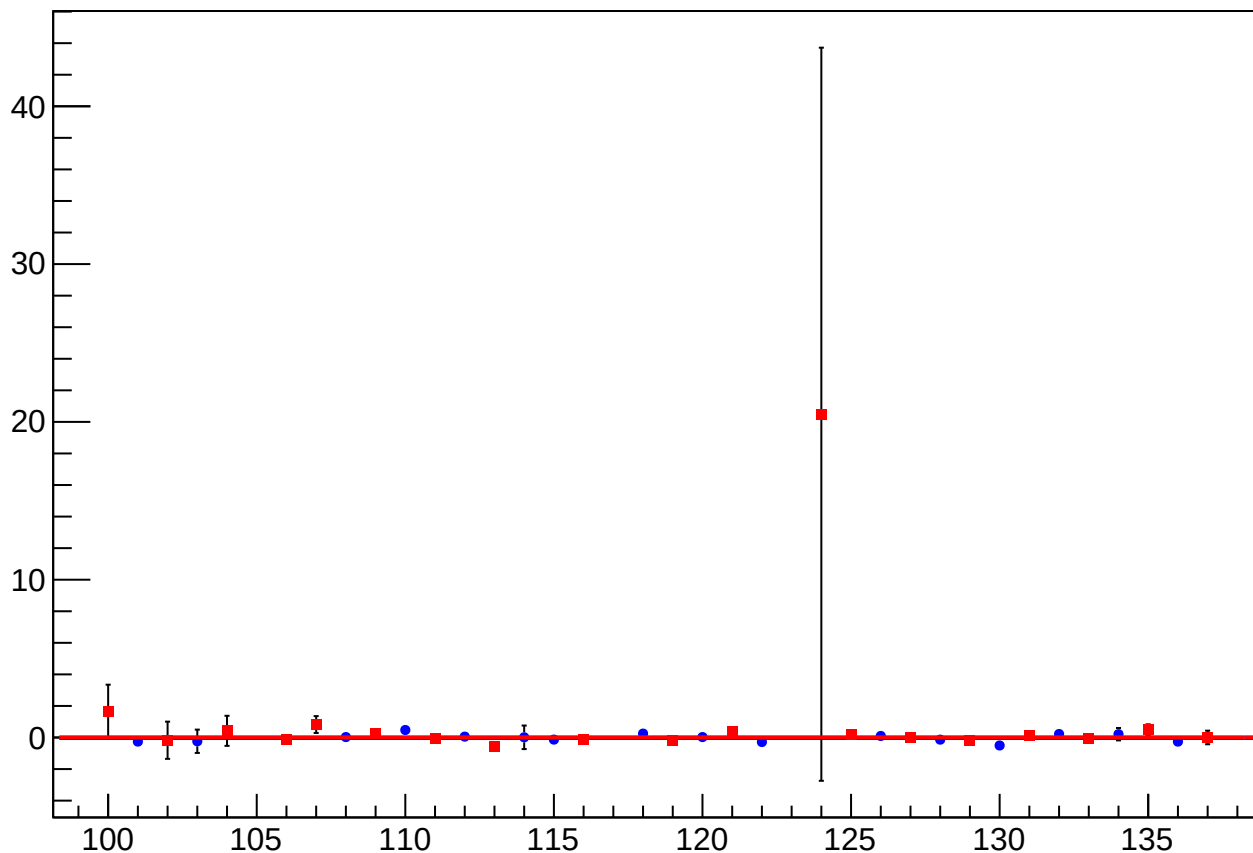
Right: 0.000+/-0.000 χ^2/NDF : 5574117.1/34

In: 0.000+/-0.000 χ^2/NDF : 2888502.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5574117.1/34

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.058 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.057 χ^2/NDF : 21.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

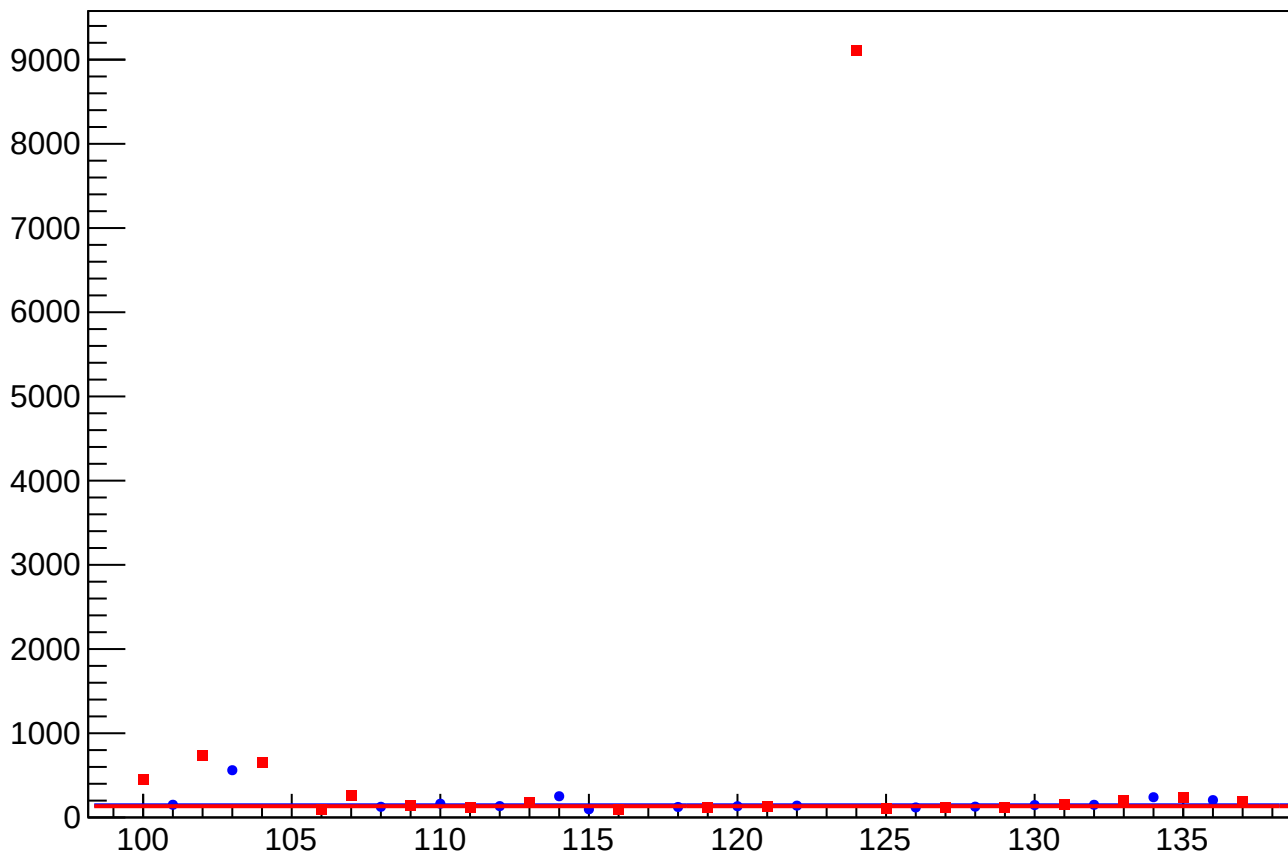
Right: -0.009+/-0.040 χ^2/NDF : 39.3/34

In: -0.029+/-0.058 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.040 χ^2/NDF : 39.3/34

asym_atl_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.291 $\pm$ 0.041 χ^2/NDF : 1128779.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 133.253 $\pm$ 0.040 χ^2/NDF : 2220645.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

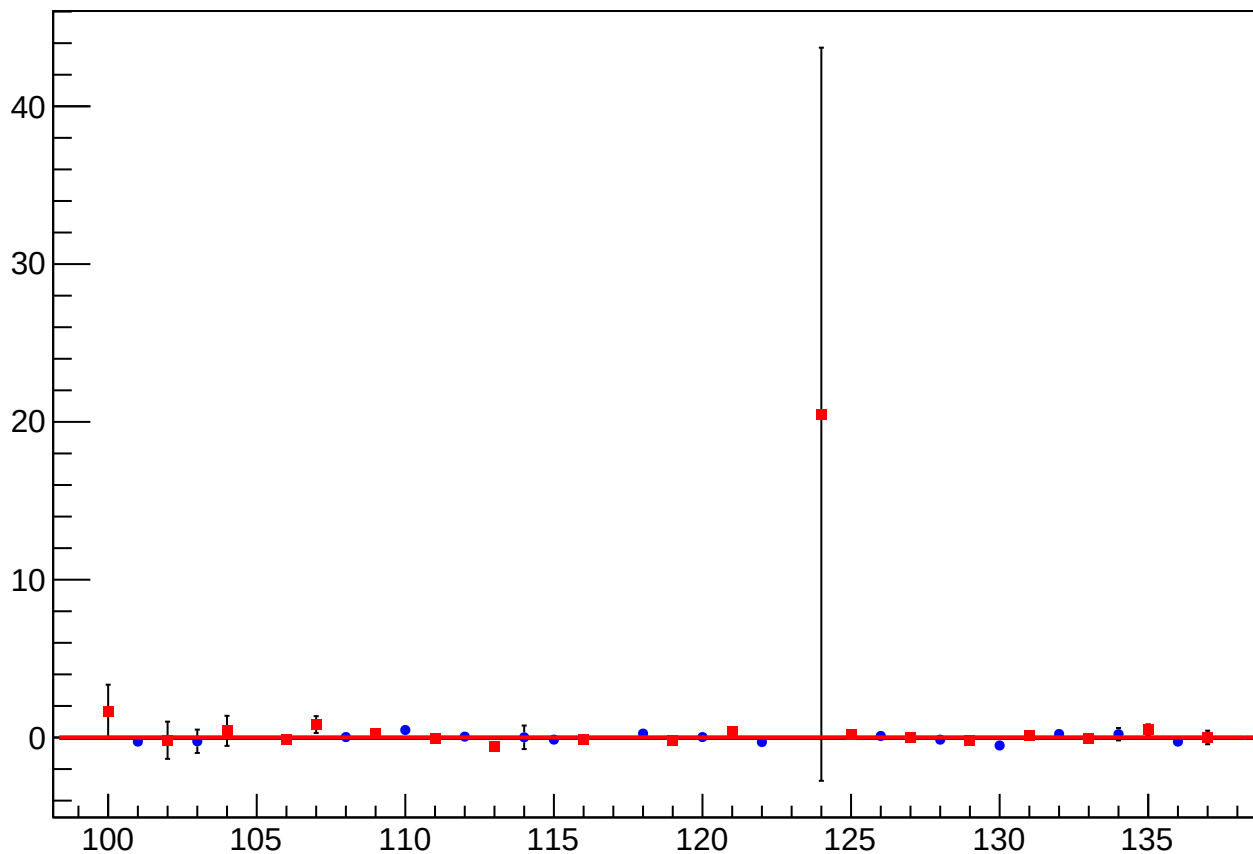
Right: 138.645 $\pm$ 0.029 χ^2/NDF : 3386693.8/34

In: 144.291 $\pm$ 0.041 χ^2/NDF : 1128779.2/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 138.645 $\pm$ 0.029 χ^2/NDF : 3386693.8/34

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.058 χ^2/NDF : 17.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.057 χ^2/NDF : 21.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

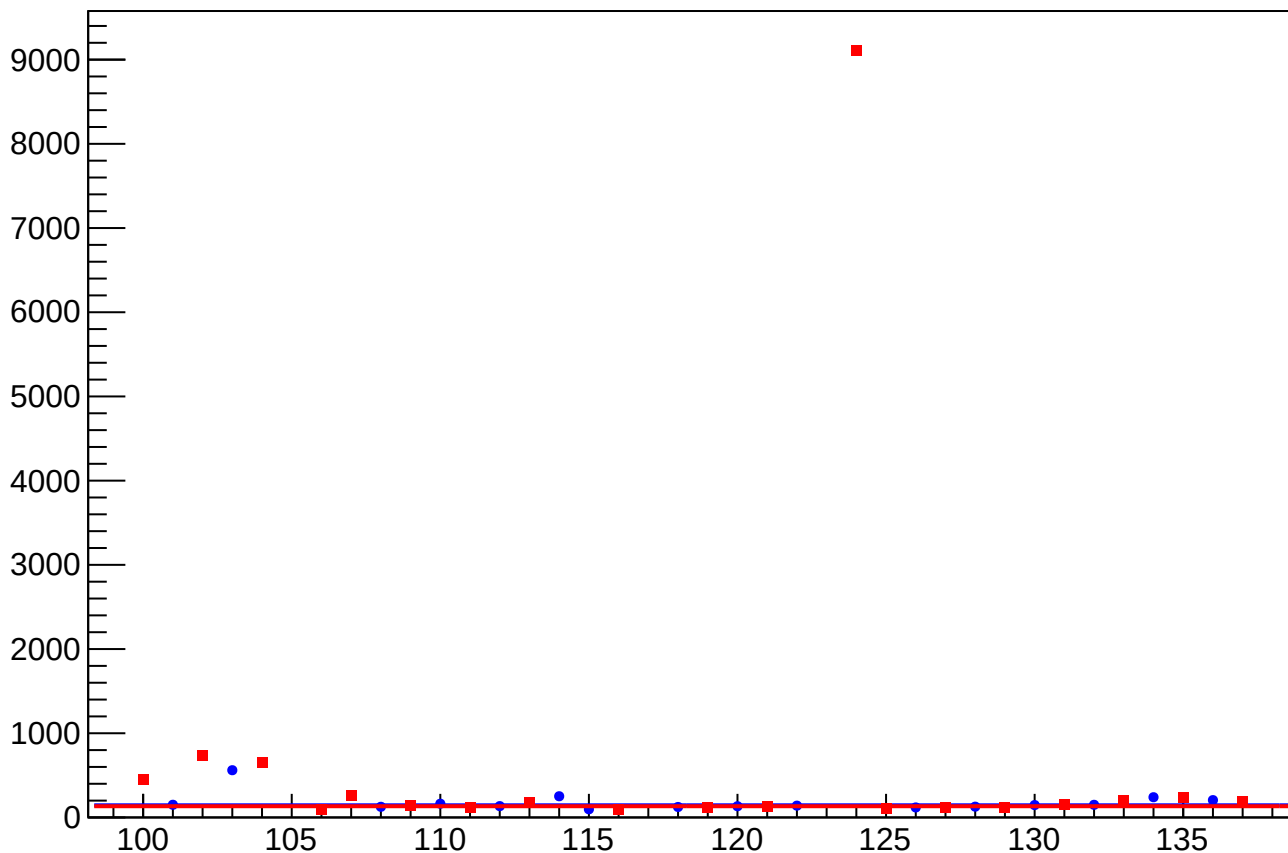
Right: -0.009 ± 0.040 χ^2/NDF : 39.3/34

In: -0.029 ± 0.058 χ^2/NDF : 17.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.040 χ^2/NDF : 39.3/34

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.291+/-0.041 χ^2/NDF : 1128779.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.253+/-0.040 χ^2/NDF : 2220645.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

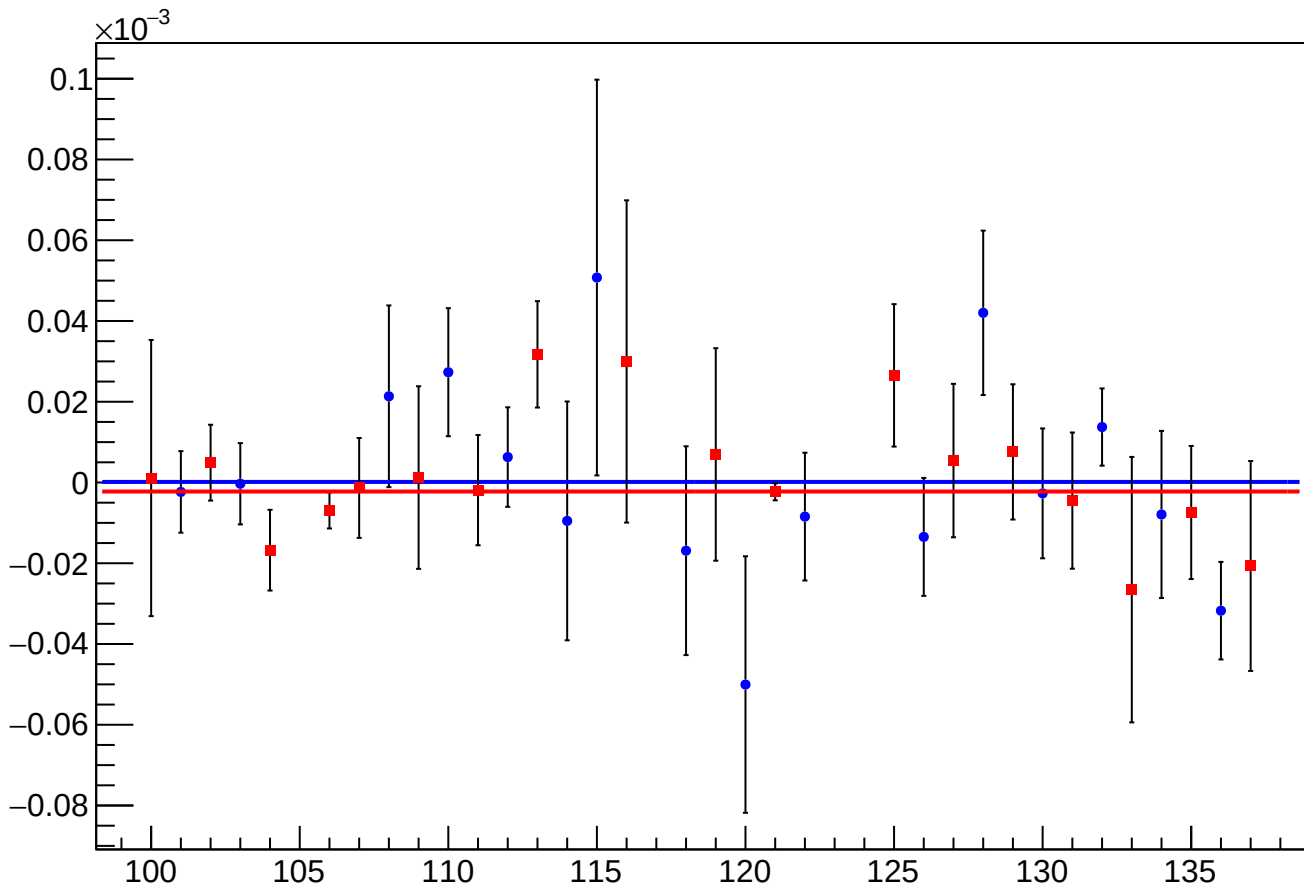
Right: 138.645+/-0.029 χ^2/NDF : 3386693.8/34

In: 144.291+/-0.041 χ^2/NDF : 1128779.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.645+/-0.029 χ^2/NDF : 3386693.8/34

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

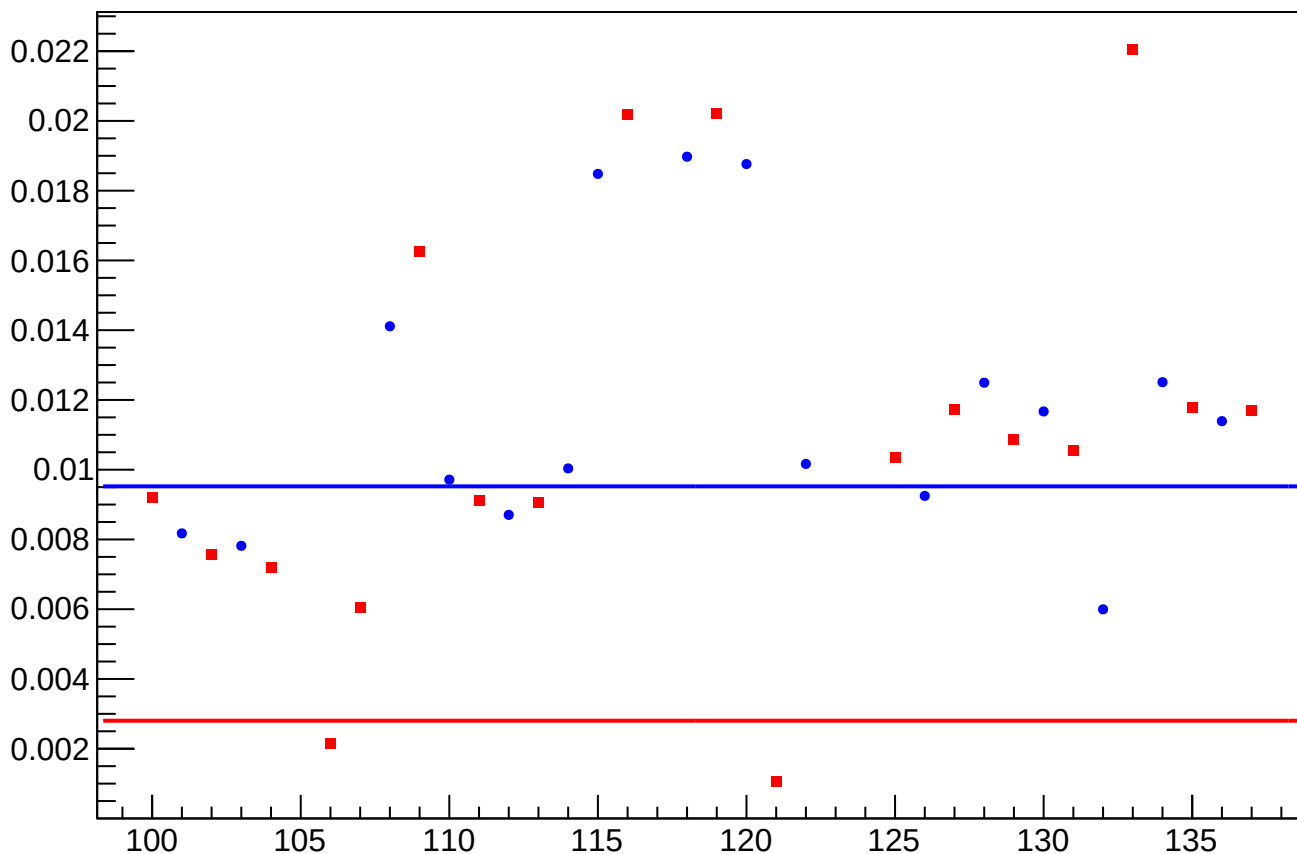
Right: -0.000+/-0.000 χ^2/NDF : 38.7/33

In: 0.000+/-0.000 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.7/33

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 1132946.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8568874.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

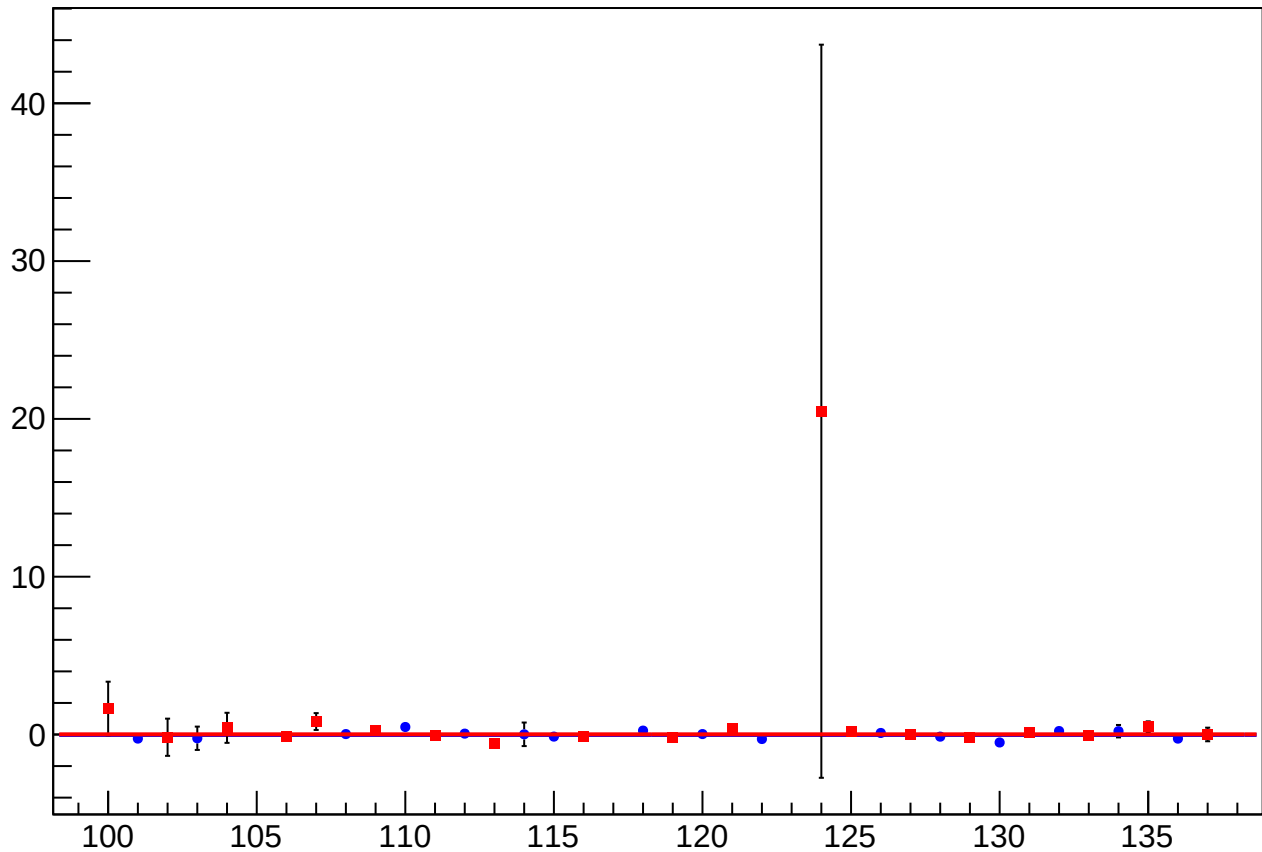
Right: 0.004+/-0.000 χ^2/NDF : 15020072.2/33

In: 0.010+/-0.000 χ^2/NDF : 1132946.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 15020072.2/33

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.058 χ^2/NDF : 17.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.011 ± 0.057 χ^2/NDF : 21.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

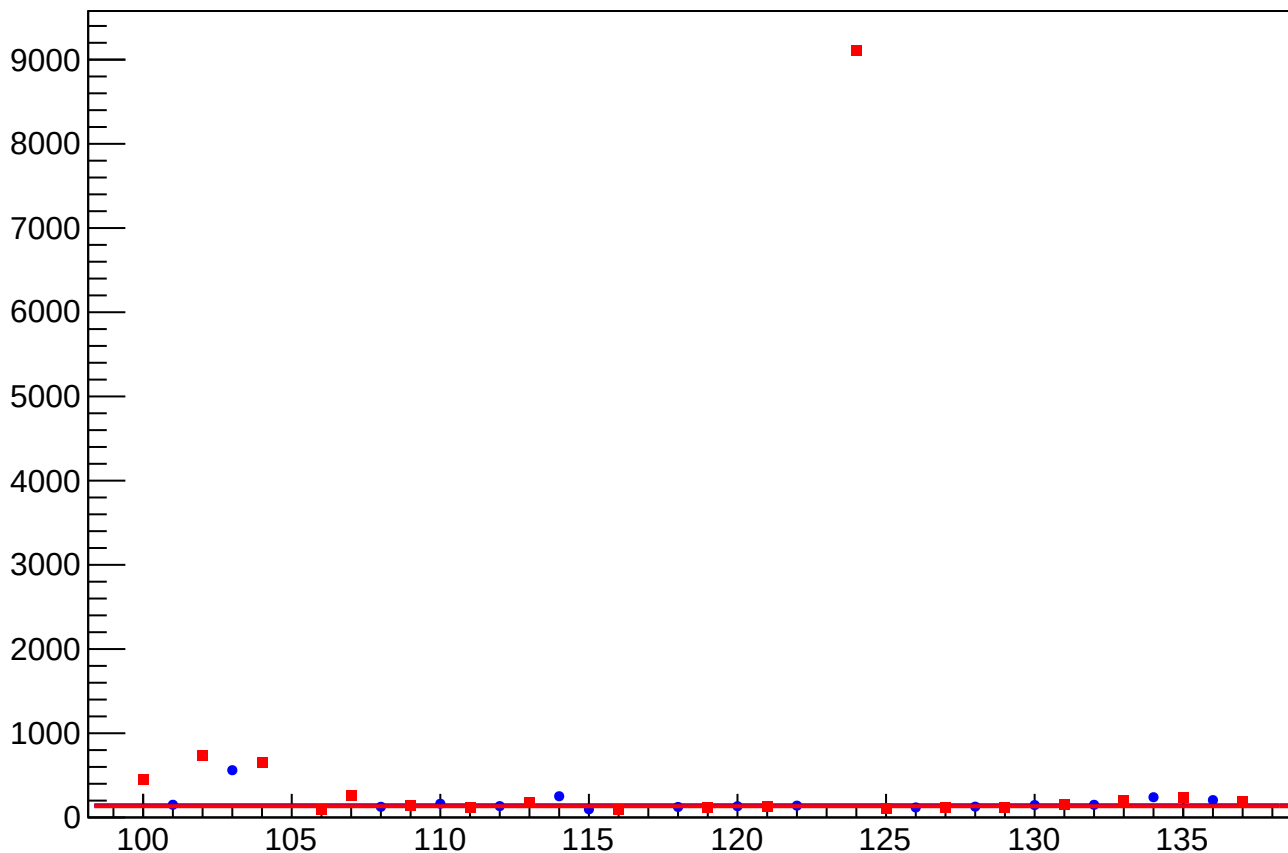
Right: -0.009 ± 0.040 χ^2/NDF : 39.3/34

In: -0.029 ± 0.058 χ^2/NDF : 17.2/15

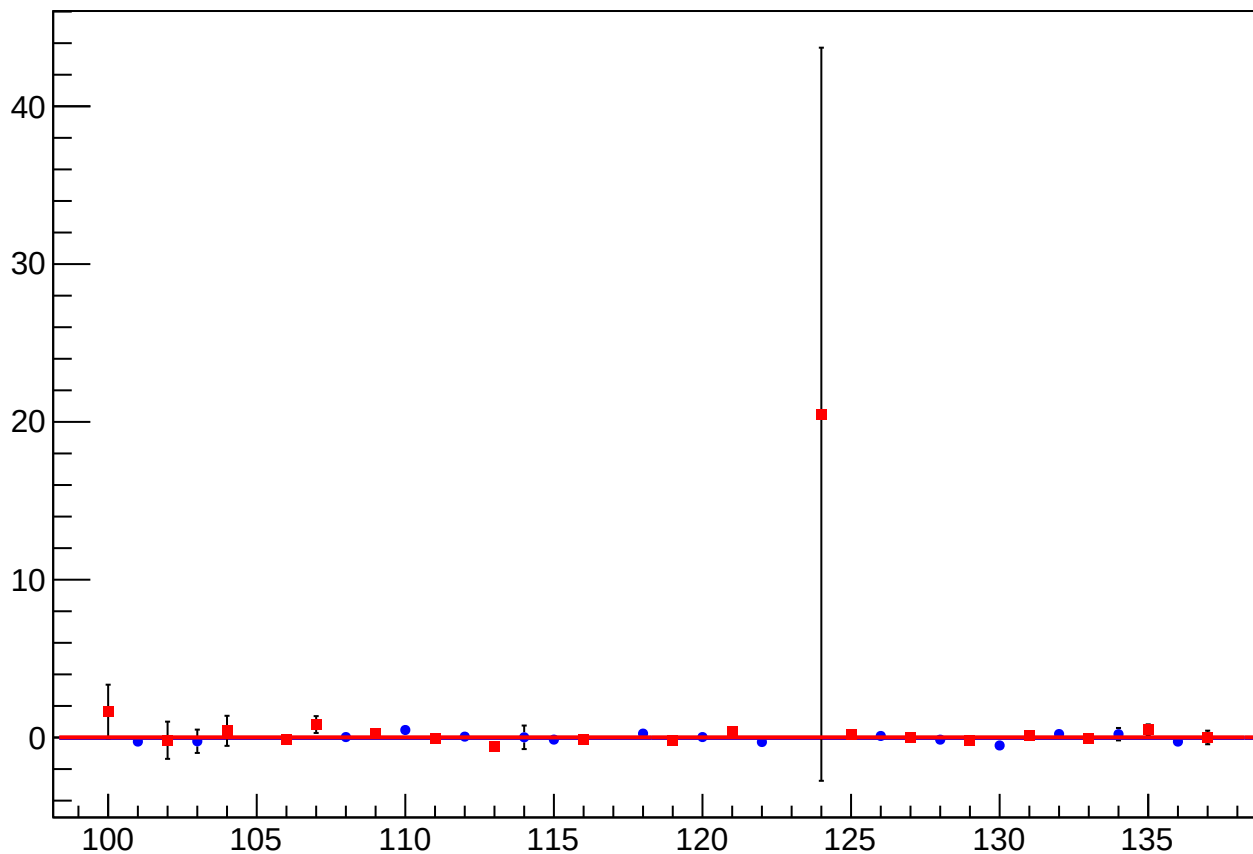
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.040 χ^2/NDF : 39.3/34

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029+/-0.058 χ^2 /NDF: 17.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.011+/-0.057 χ^2 /NDF: 21.8/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

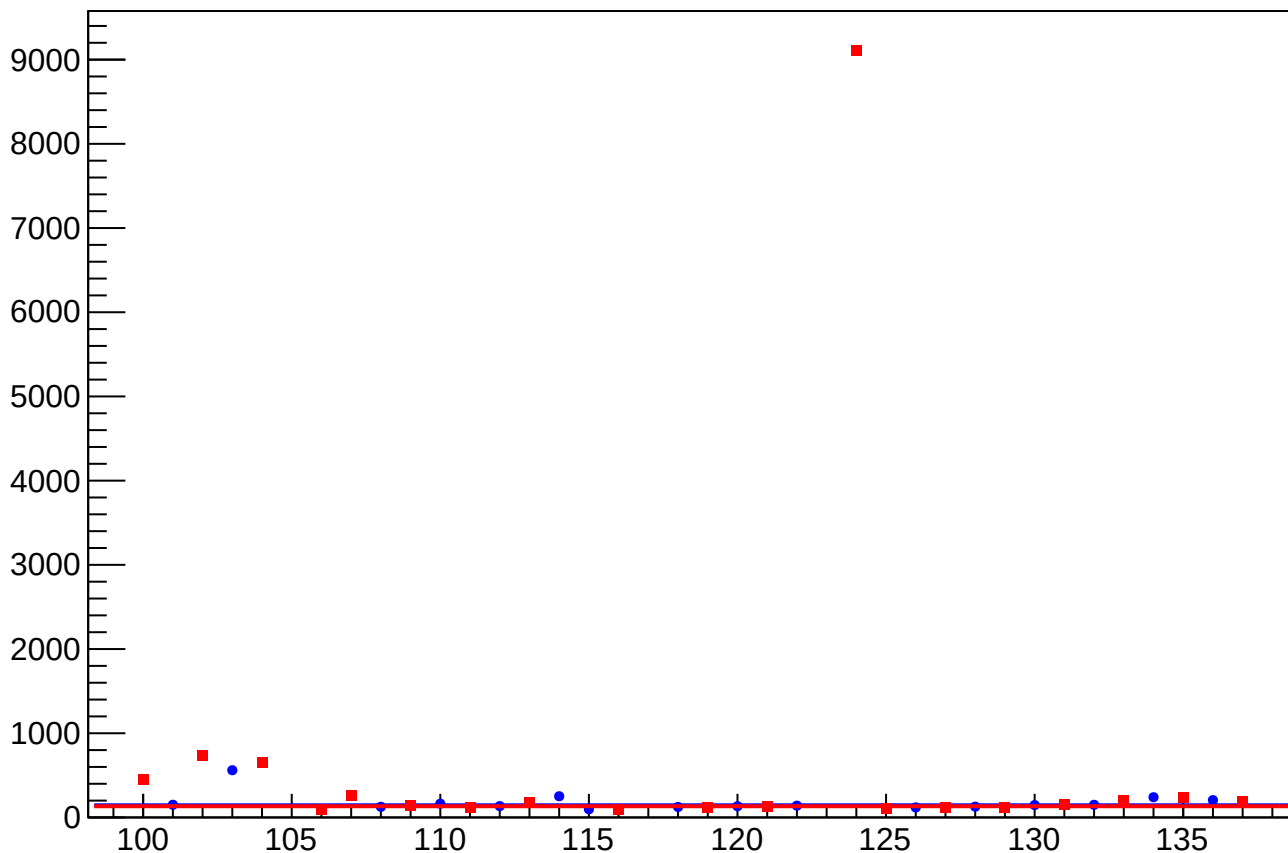
Right: -0.009+/-0.040 χ^2 /NDF: 39.3/34

In: -0.029+/-0.058 χ^2 /NDF:17.2/15

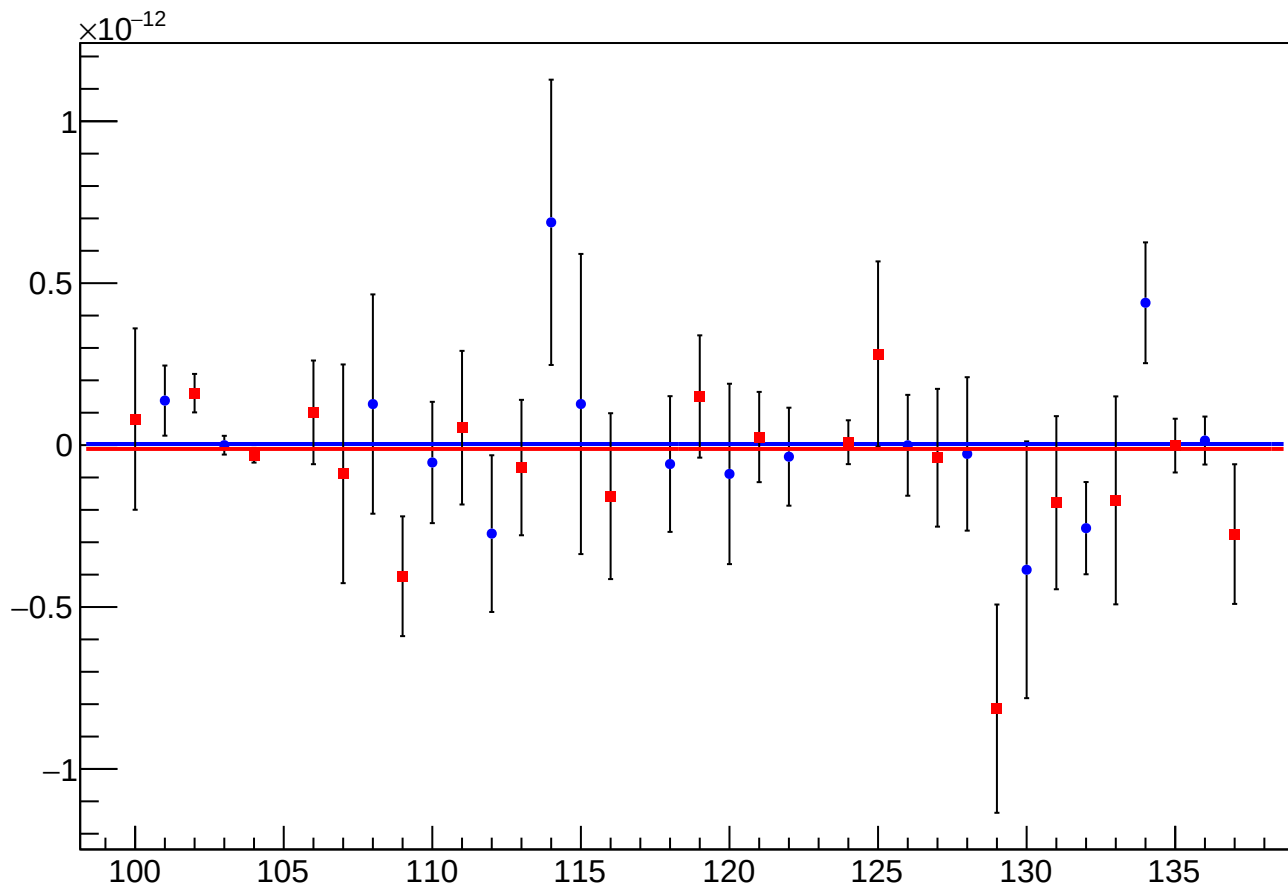
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.009+/-0.040 χ^2 /NDF: 39.3/34

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

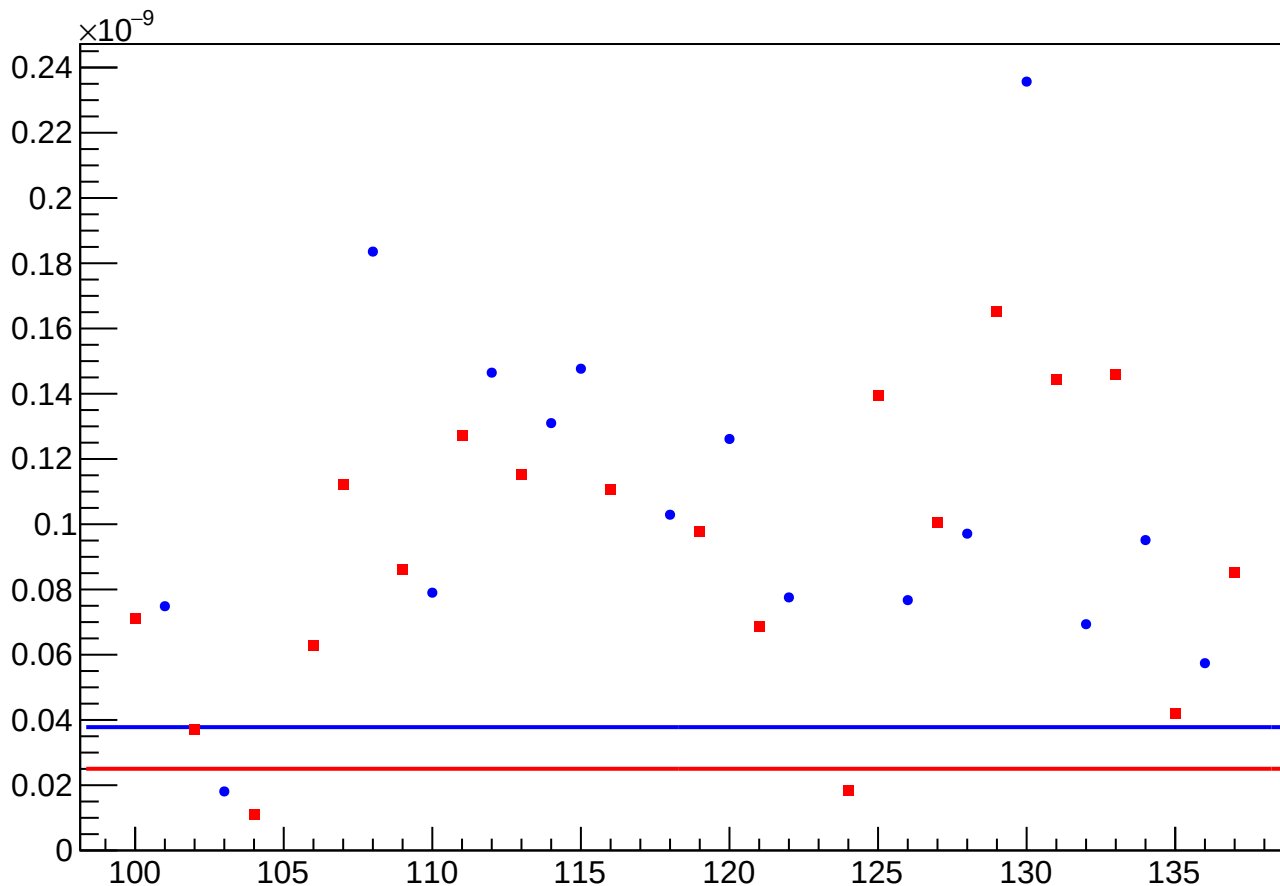
Right: -0.000+/-0.000 χ^2/NDF : 41.0/34

In: 0.000+/-0.000 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.0/34

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3942675.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4701757.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

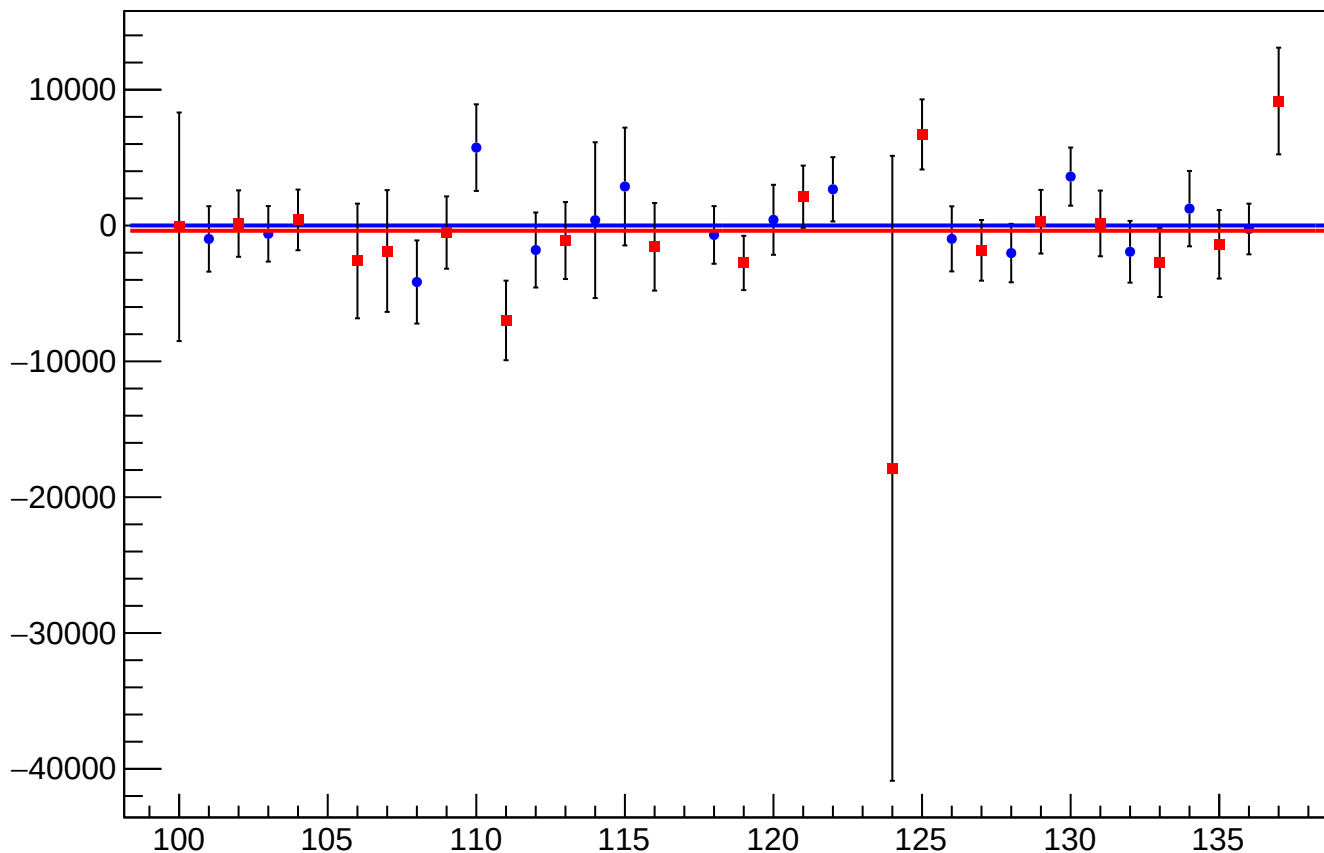
Right: 0.000+/-0.000 χ^2/NDF : 8999957.7/34

In: 0.000+/-0.000 χ^2/NDF : 3942675.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8999957.7/34

reg_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 4.373+/-619.905 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -384.758+/-633.682 χ^2/NDF : 24.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

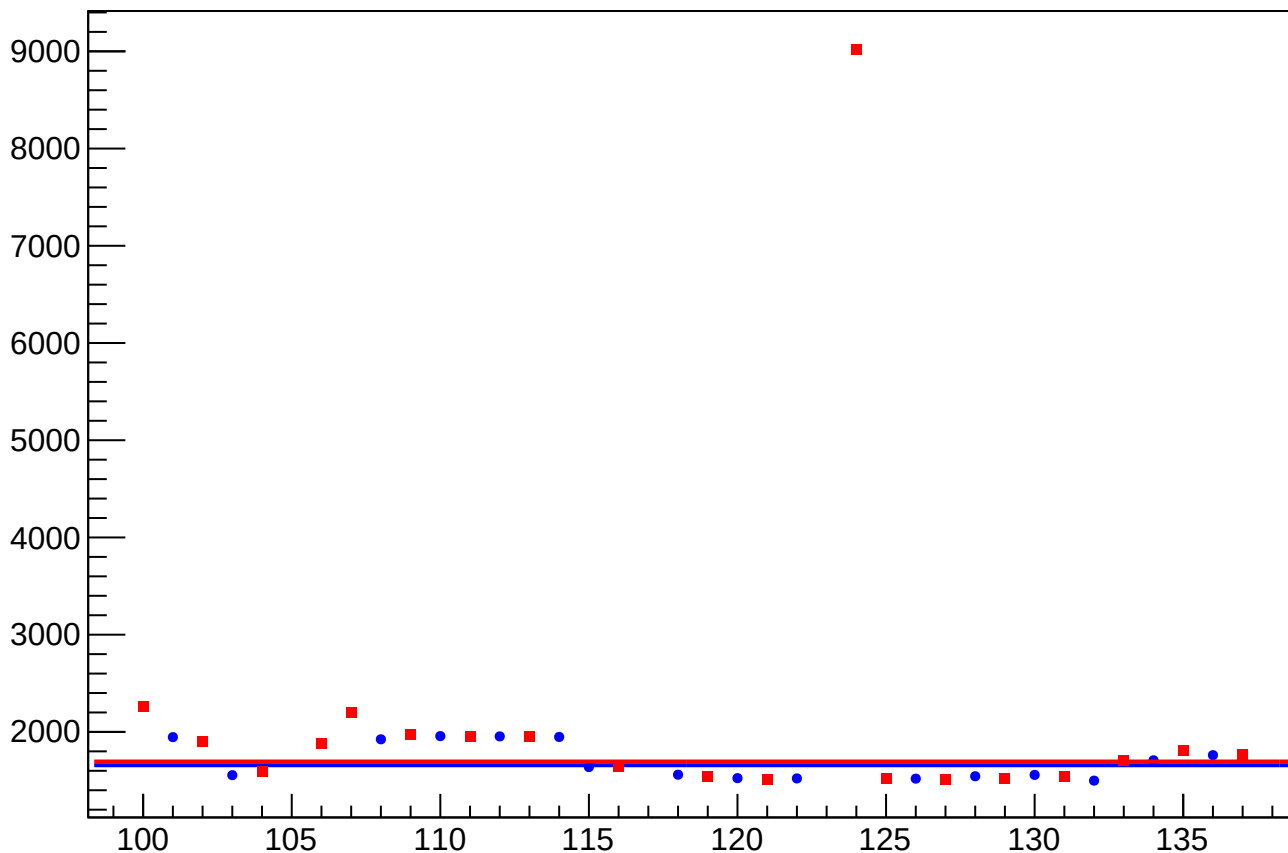
Right: -185.916+/-443.130 χ^2/NDF : 36.7/34

In: 4.373+/-619.905 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -185.916+/-443.130 χ^2/NDF : 36.7/34

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.119+/-0.438 χ^2/NDF : 143982.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.649+/-0.446 χ^2/NDF : 386216.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

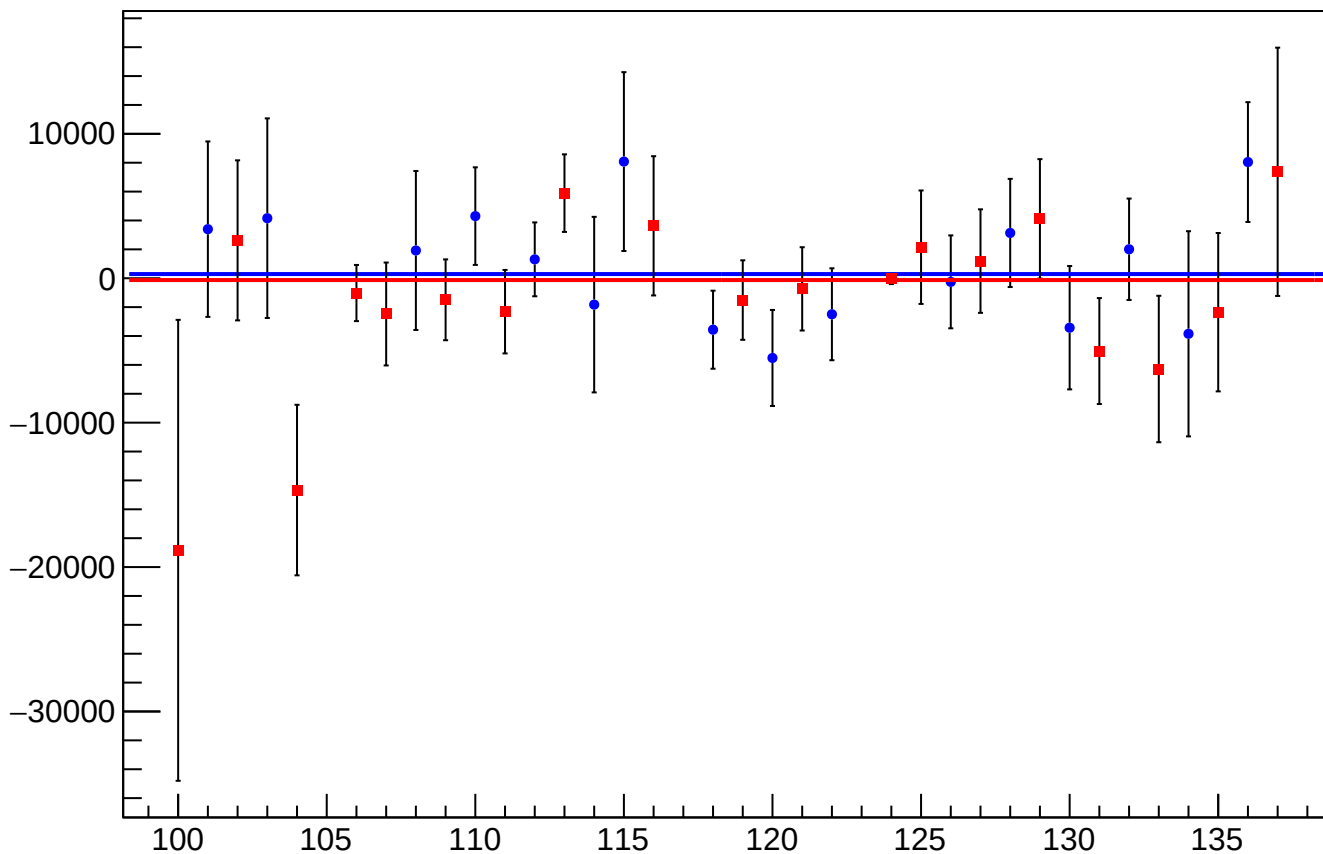
Right: 1676.049+/-0.313 χ^2/NDF : 533994.7/34

In: 1657.119+/-0.438 χ^2/NDF : 143982.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.049+/-0.313 χ^2/NDF : 533994.7/34

asym_atl_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 289.262 $\pm$ 961.071 χ^2 /NDF: 15.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -125.586 $\pm$ 323.715 χ^2 /NDF: 20.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

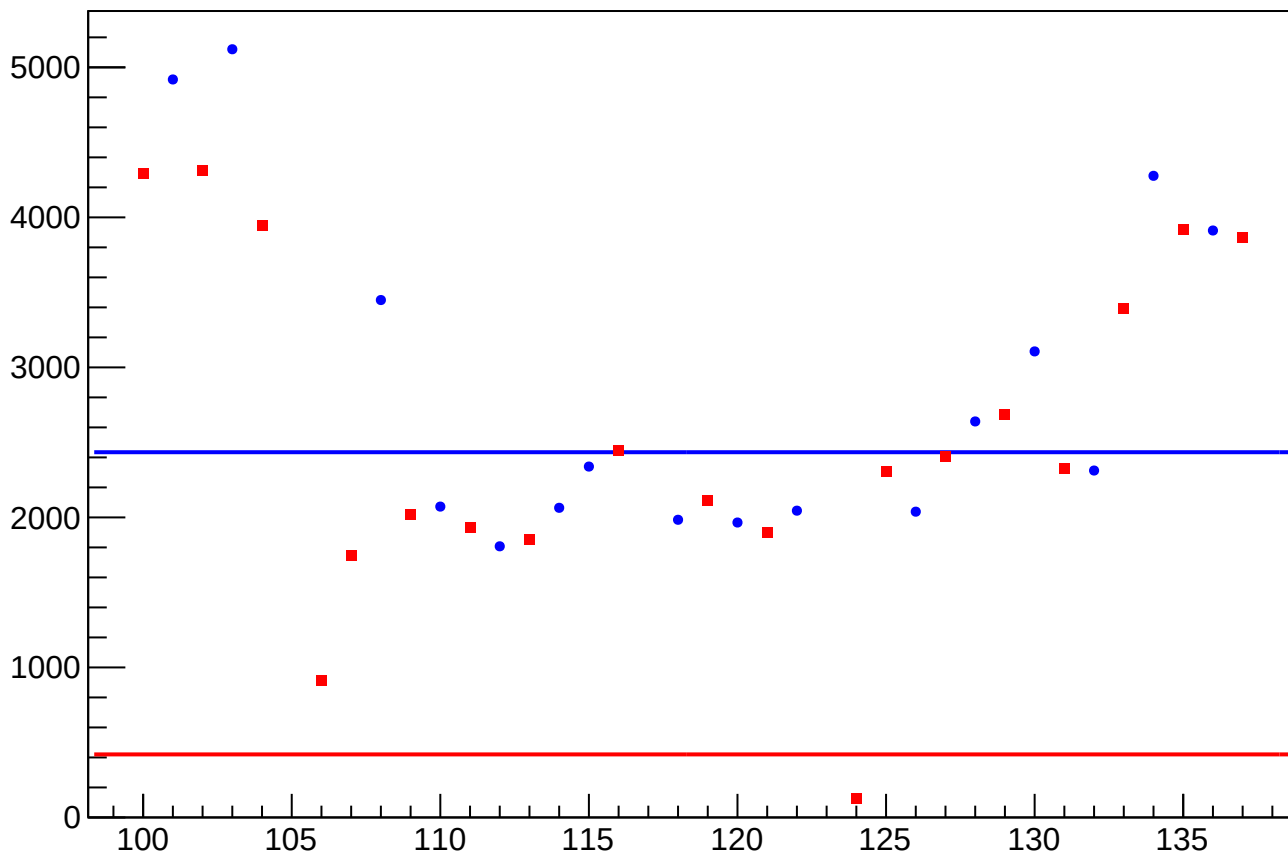
Right: -83.316 $\pm$ 306.780 χ^2 /NDF: 36.2/34

In: 289.262 $\pm$ 961.071 χ^2 /NDF:15.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -83.316 $\pm$ 306.780 χ^2 /NDF: 36.2/34

asym_atl_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2434.593+/-0.680 χ^2/NDF : 1457721.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.292+/-0.229 χ^2/NDF : 11063973.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

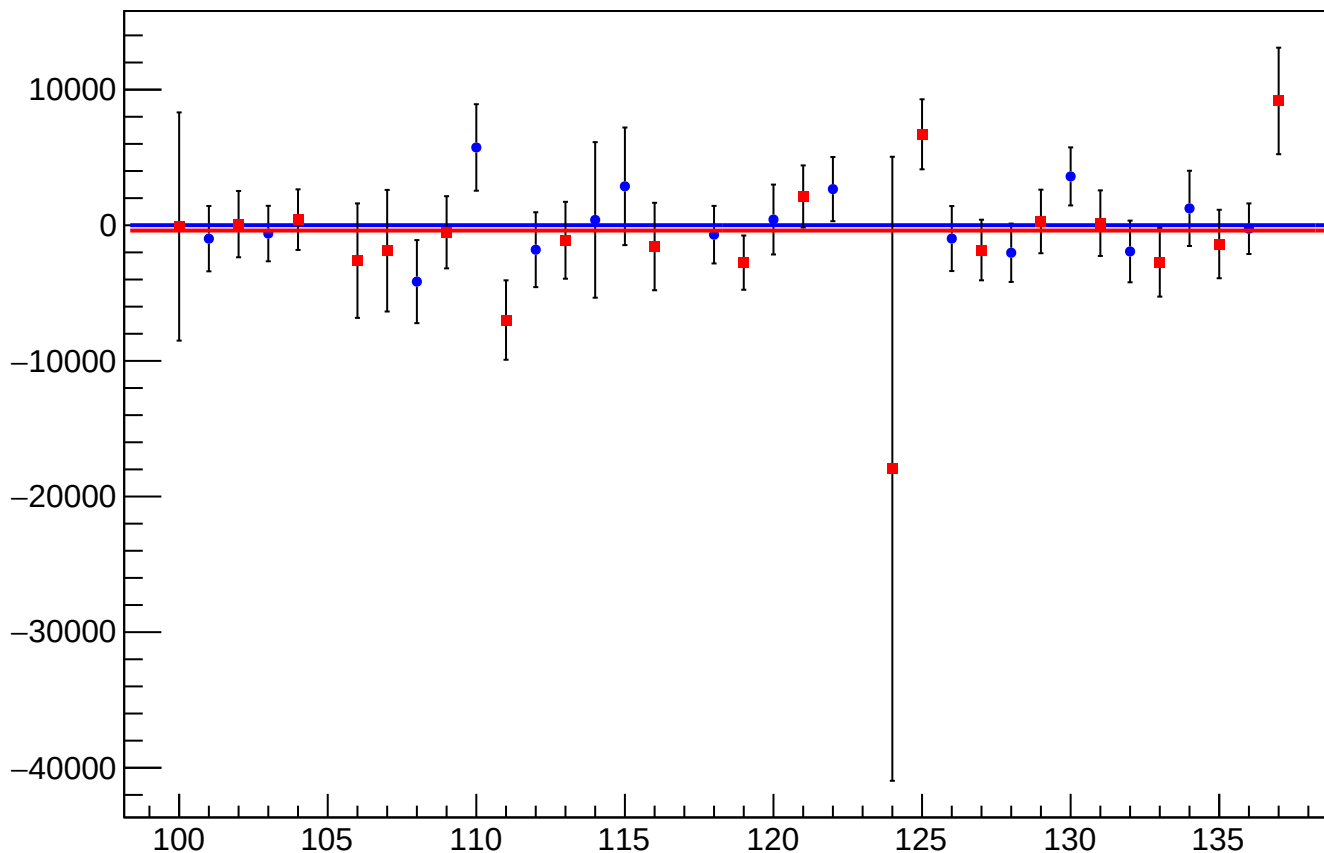
Right: 625.534+/-0.217 χ^2/NDF : 20412045.5/34

In: 2434.593+/-0.680 χ^2/NDF : 1457721.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.534+/-0.217 χ^2/NDF : 20412045.5/34

cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 4.295+/-619.905 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -389.054+/-633.688 χ^2/NDF : 24.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

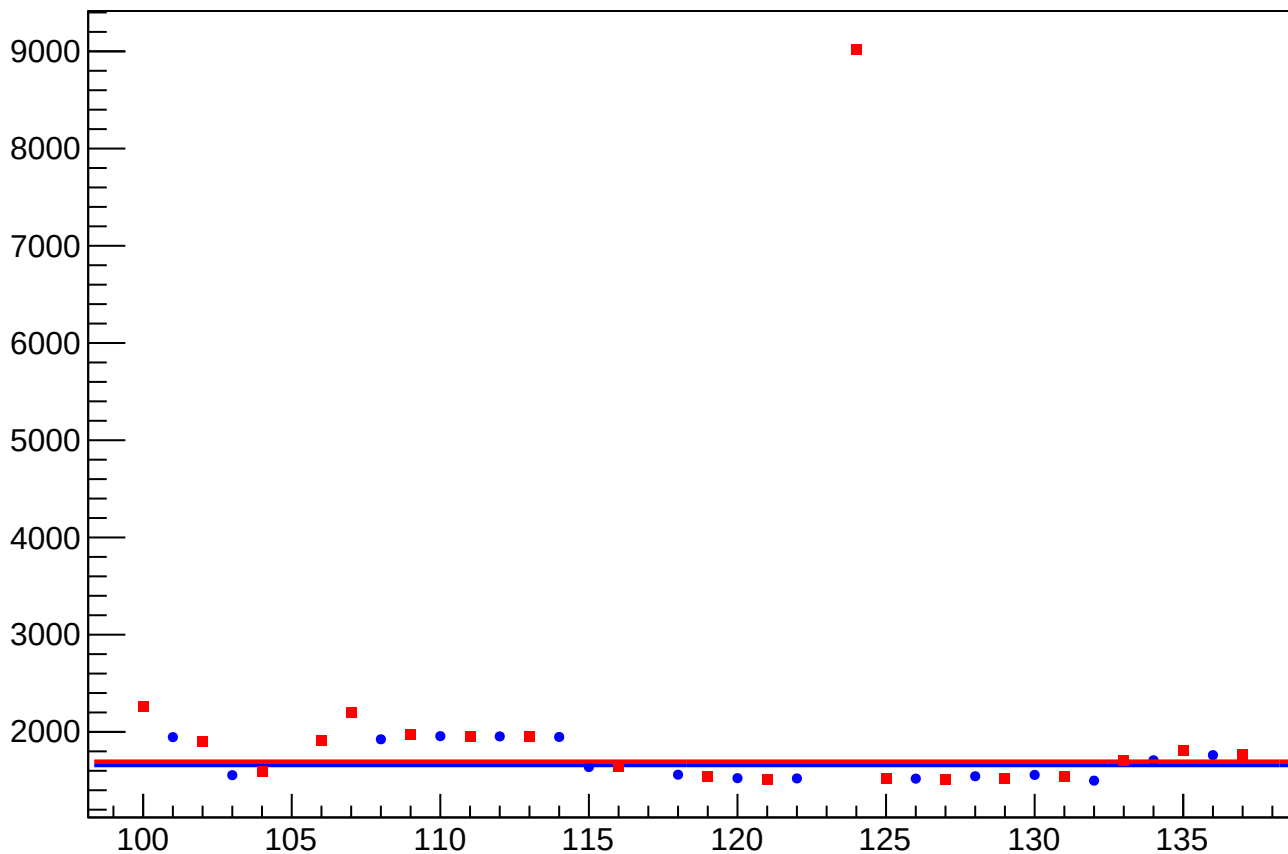
Right: -188.056+/-443.132 χ^2/NDF : 36.7/34

In: 4.295+/-619.905 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.056+/-443.132 χ^2/NDF : 36.7/34

cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.119+/-0.438 χ^2/NDF : 143982.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1696.442+/-0.446 χ^2/NDF : 387974.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

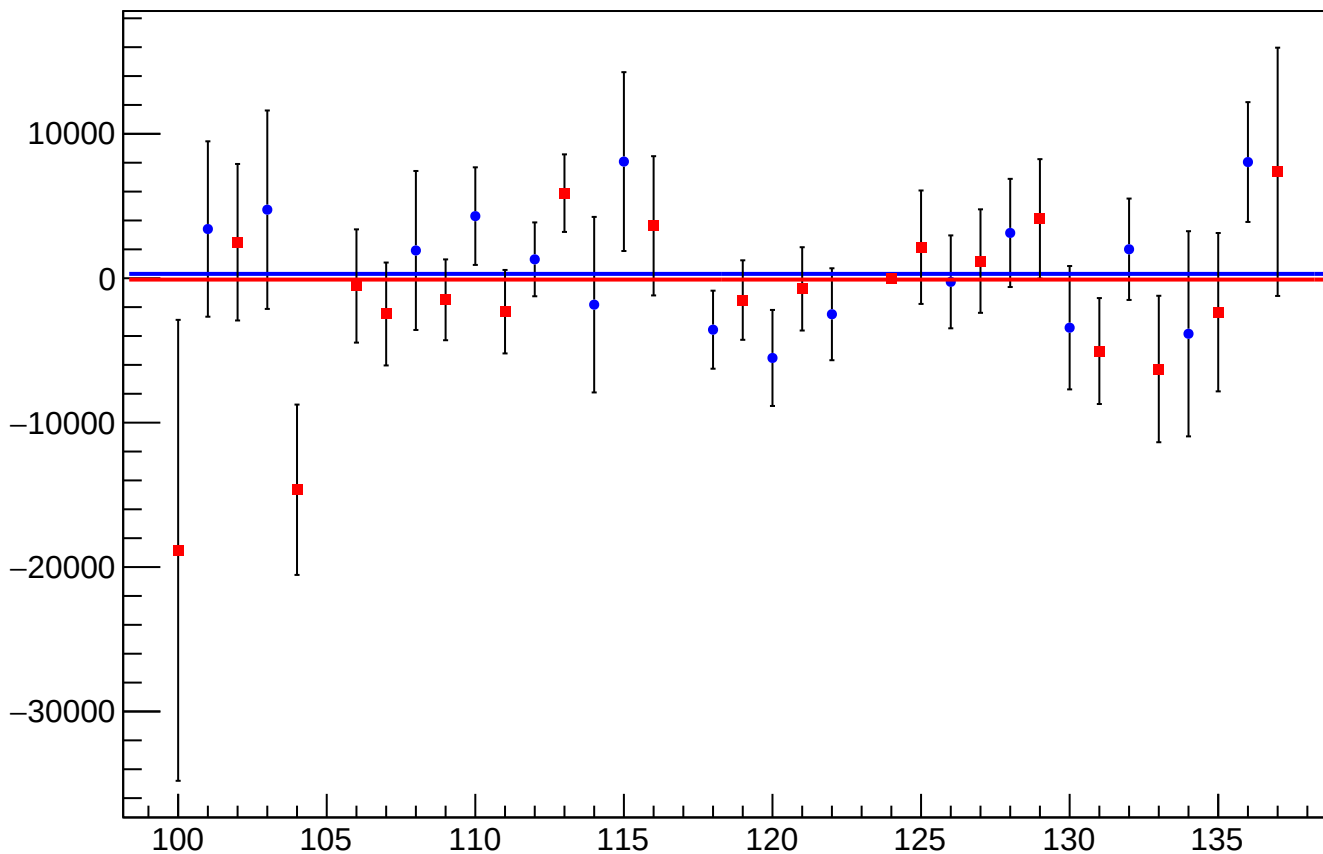
Right: 1676.430+/-0.313 χ^2/NDF : 535909.0/34

In: 1657.119+/-0.438 χ^2/NDF : 143982.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.430+/-0.313 χ^2/NDF : 535909.0/34

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.839+/-960.952 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.243+/-315.757 χ^2/NDF : 20.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

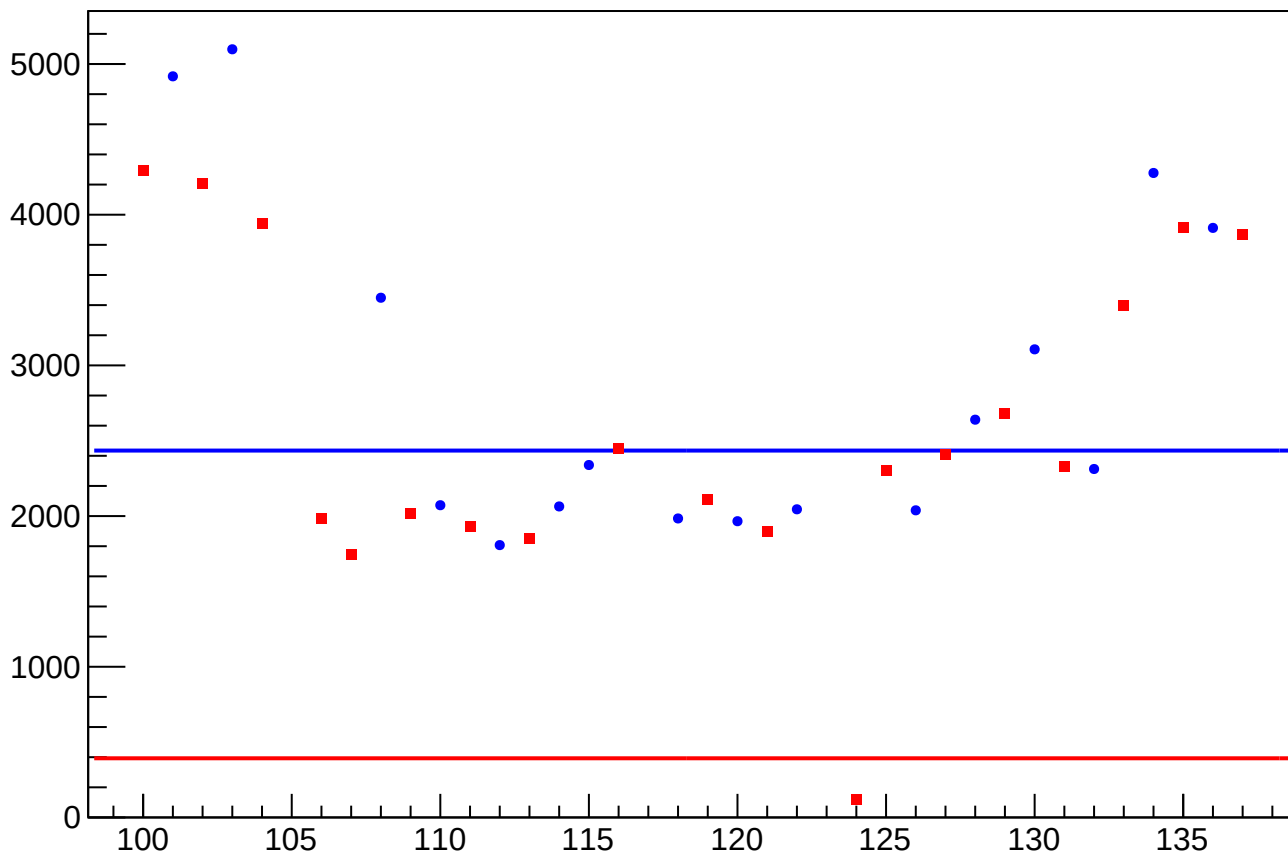
Right: -53.840+/-299.978 χ^2/NDF : 36.1/34

In: 301.839+/-960.952 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.840+/-299.978 χ^2/NDF : 36.1/34

asym_atl_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2434.758 $\pm$ 0.679 χ^2 /NDF: 1456027.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 392.666 $\pm$ 0.223 χ^2 /NDF: 11408006.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

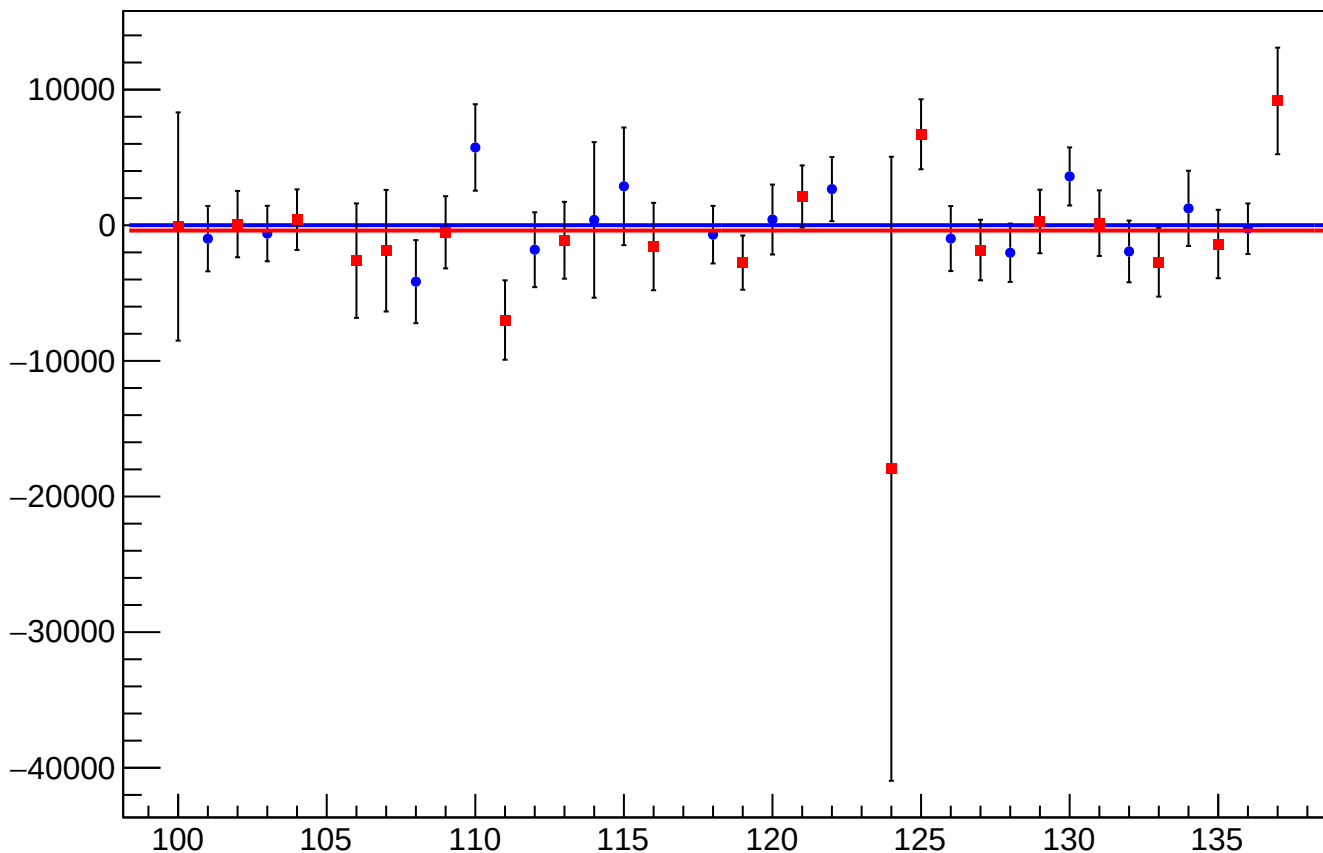
Right: 591.664 $\pm$ 0.212 χ^2 /NDF: 21015754.2/34

In: 2434.758 $\pm$ 0.679 χ^2 /NDF:1456027.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 591.664 $\pm$ 0.212 χ^2 /NDF: 21015754.2/34

eigen_cor_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 4.295+/-619.905 χ^2 /NDF: 12.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -389.054+/-633.688 χ^2 /NDF: 24.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

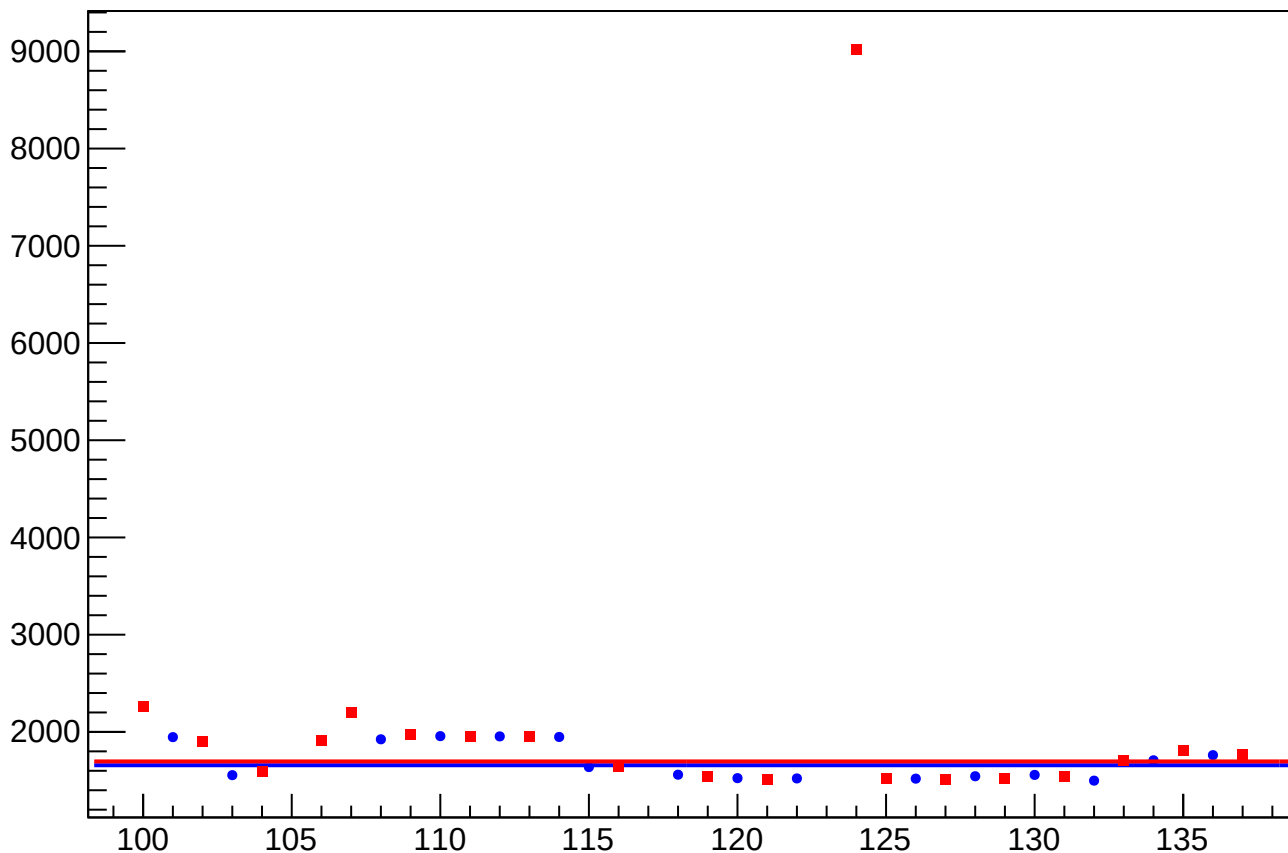
Right: -188.056+/-443.132 χ^2 /NDF: 36.7/34

In: 4.295+/-619.905 χ^2 /NDF:12.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -188.056+/-443.132 χ^2 /NDF: 36.7/34

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.119+/-0.438 χ^2/NDF : 143982.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1696.442+/-0.446 χ^2/NDF : 387974.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

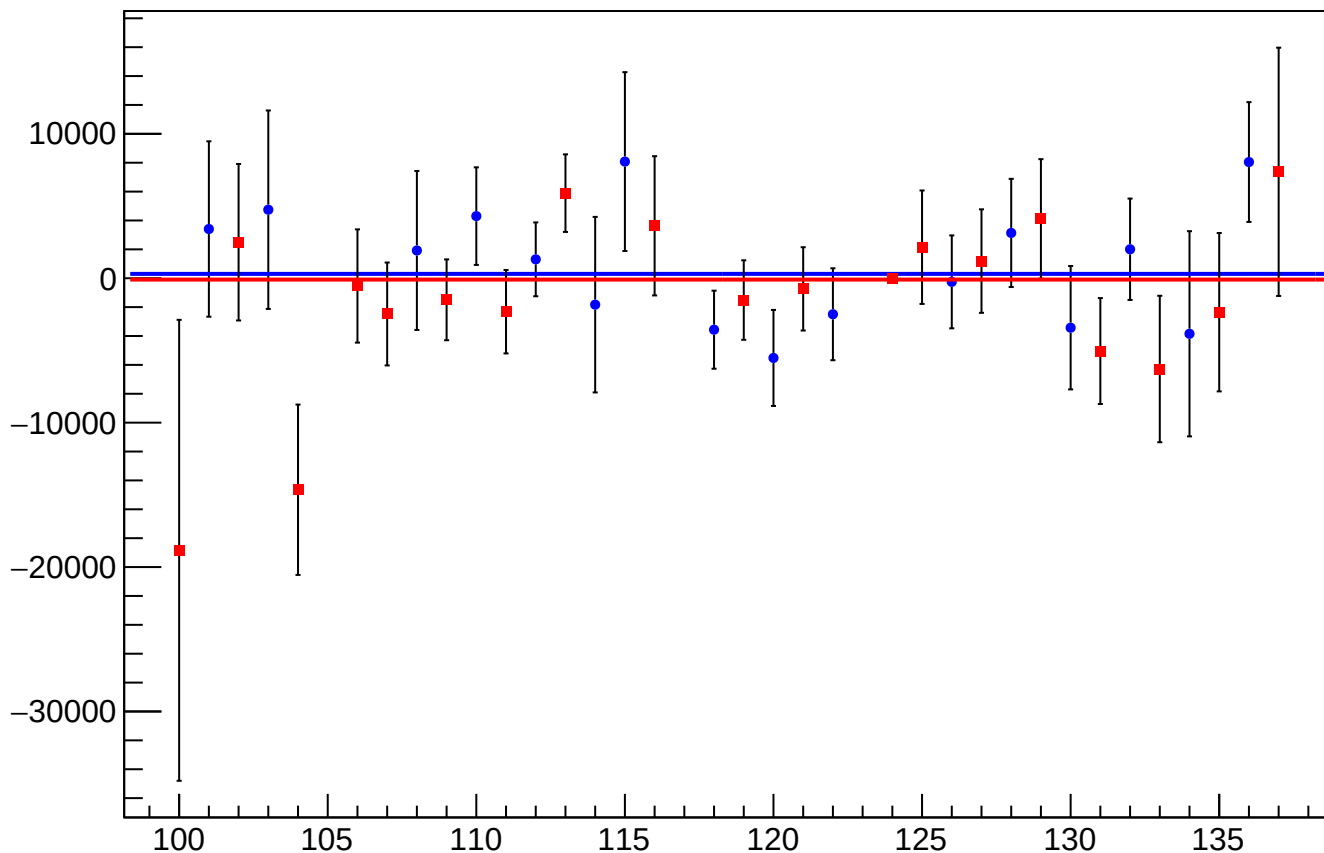
Right: 1676.430+/-0.313 χ^2/NDF : 535909.0/34

In: 1657.119+/-0.438 χ^2/NDF : 143982.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1676.430+/-0.313 χ^2/NDF : 535909.0/34

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.839+/-960.952 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -92.243+/-315.757 χ^2/NDF : 20.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

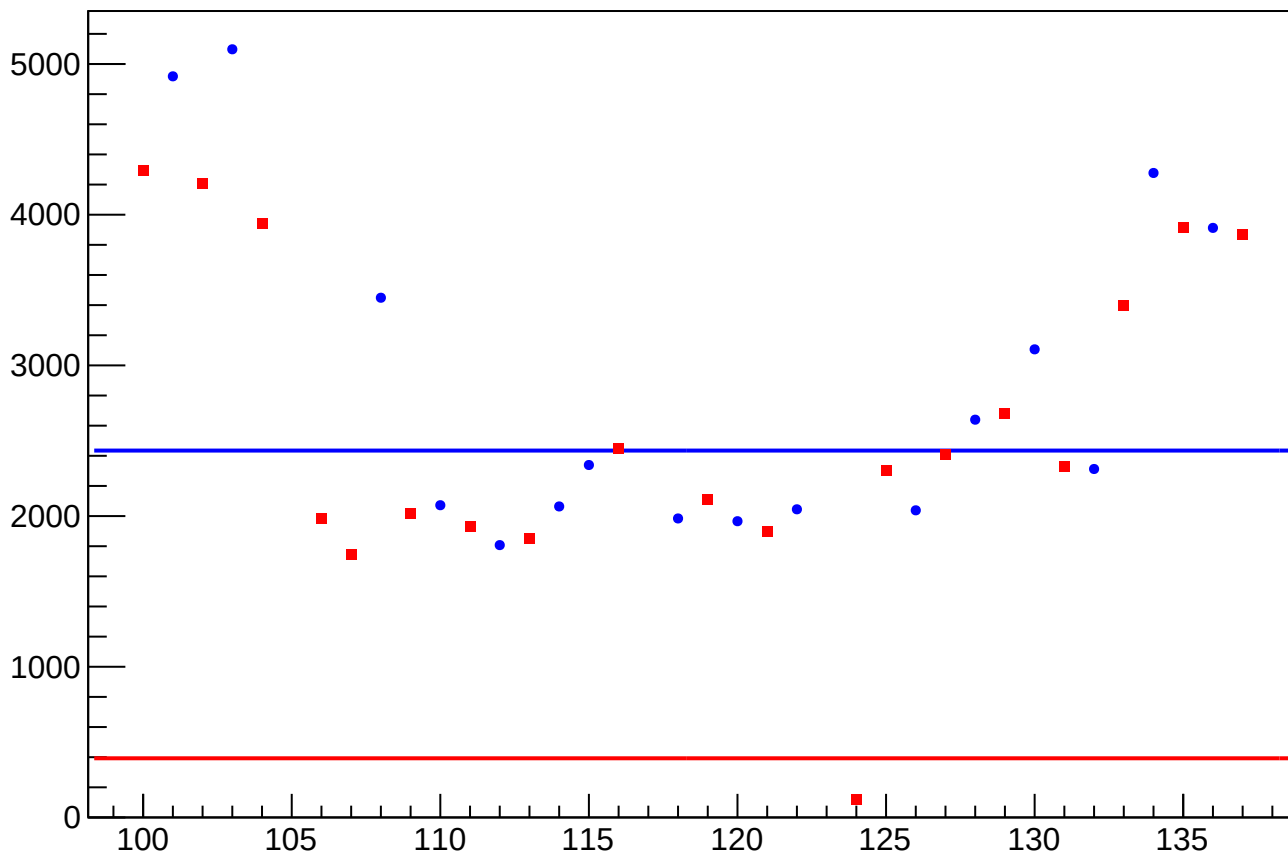
Right: -53.840+/-299.978 χ^2/NDF : 36.1/34

In: 301.839+/-960.952 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -53.840+/-299.978 χ^2/NDF : 36.1/34

asym_atl_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2434.758+/-0.679 χ^2/NDF : 1456027.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.666+/-0.223 χ^2/NDF : 11408006.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

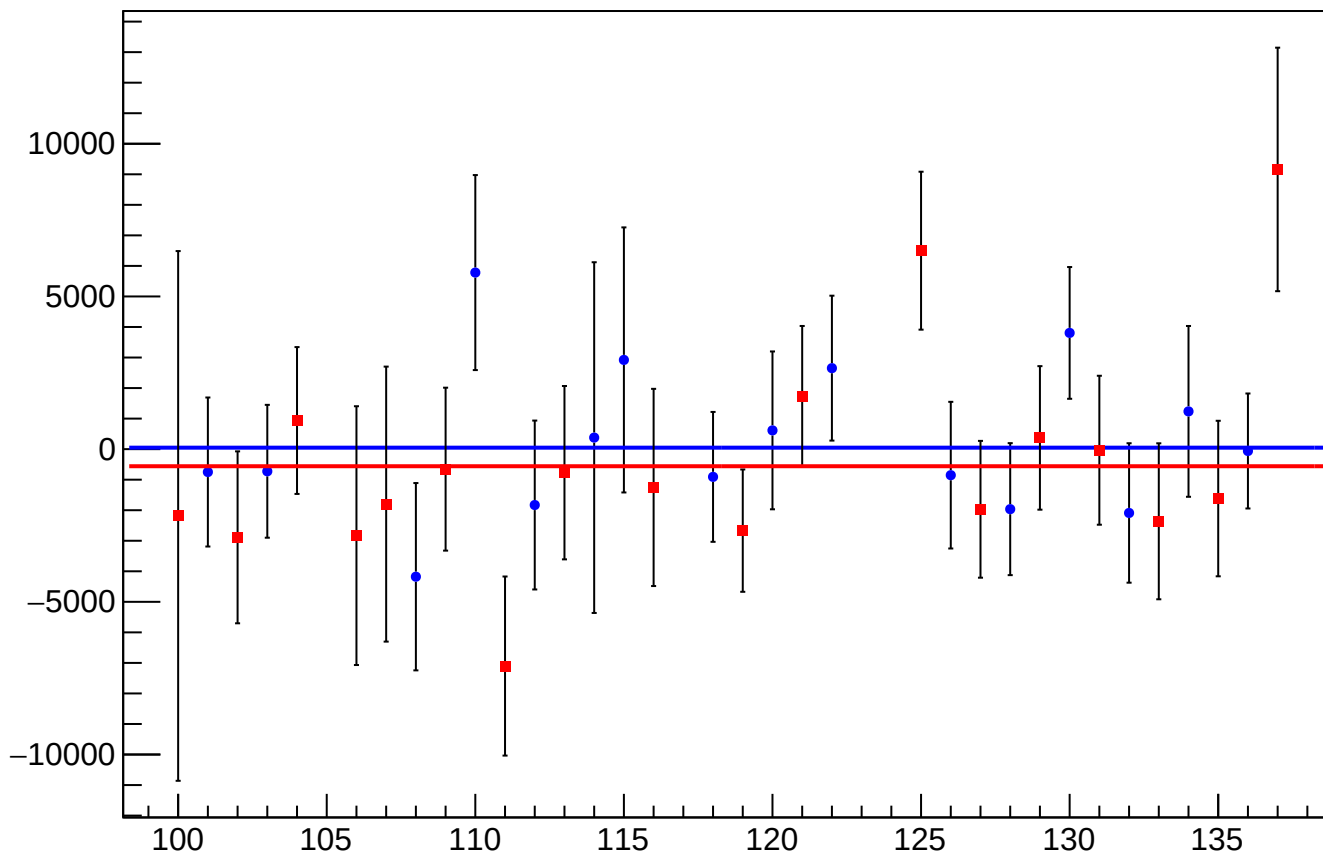
Right: 591.664+/-0.212 χ^2/NDF : 21015754.2/34

In: 2434.758+/-0.679 χ^2/NDF : 1456027.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.664+/-0.212 χ^2/NDF : 21015754.2/34

dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 48.331+/-626.151 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.598+/-645.291 χ^2/NDF : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

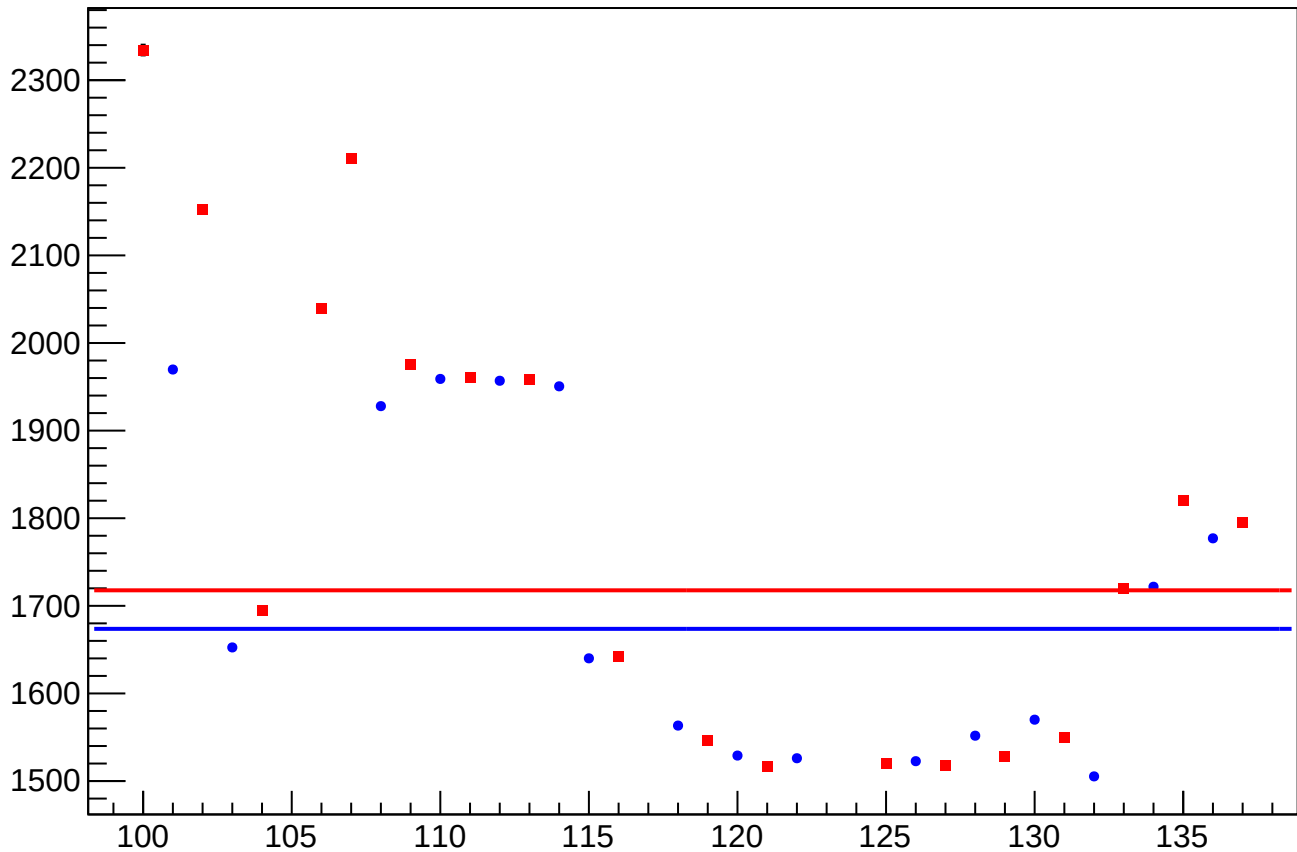
Right: -246.484+/-449.370 χ^2/NDF : 36.5/33

In: 48.331+/-626.151 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.484+/-449.370 χ^2/NDF : 36.5/33

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1673.729+/-0.443 χ^2/NDF : 140873.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.713+/-0.455 χ^2/NDF : 227642.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

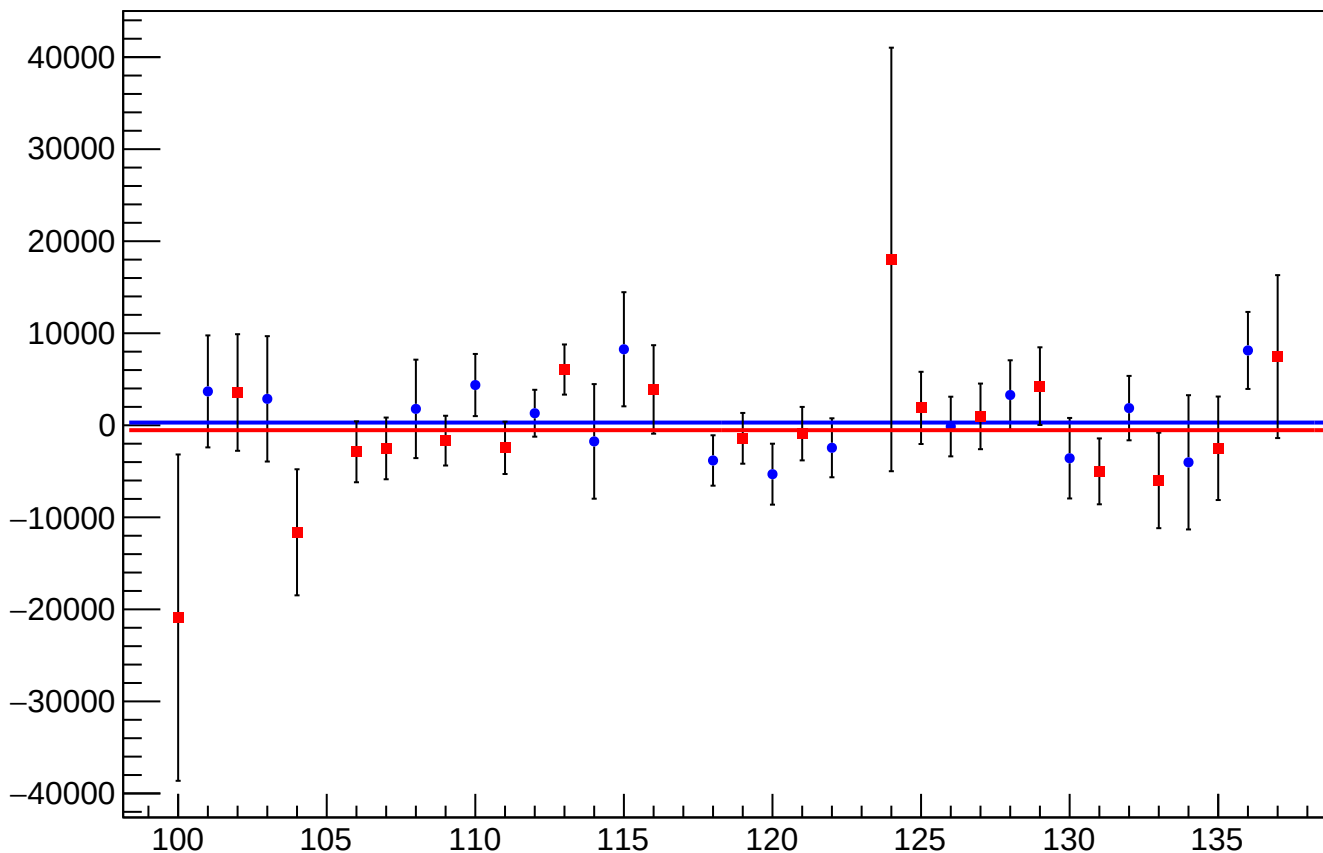
Right: 1695.110+/-0.317 χ^2/NDF : 373312.6/33

In: 1673.729+/-0.443 χ^2/NDF : 140873.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.110+/-0.317 χ^2/NDF : 373312.6/33

asym_atl_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 296.517+/-964.677 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.007+/-883.969 χ^2/NDF : 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

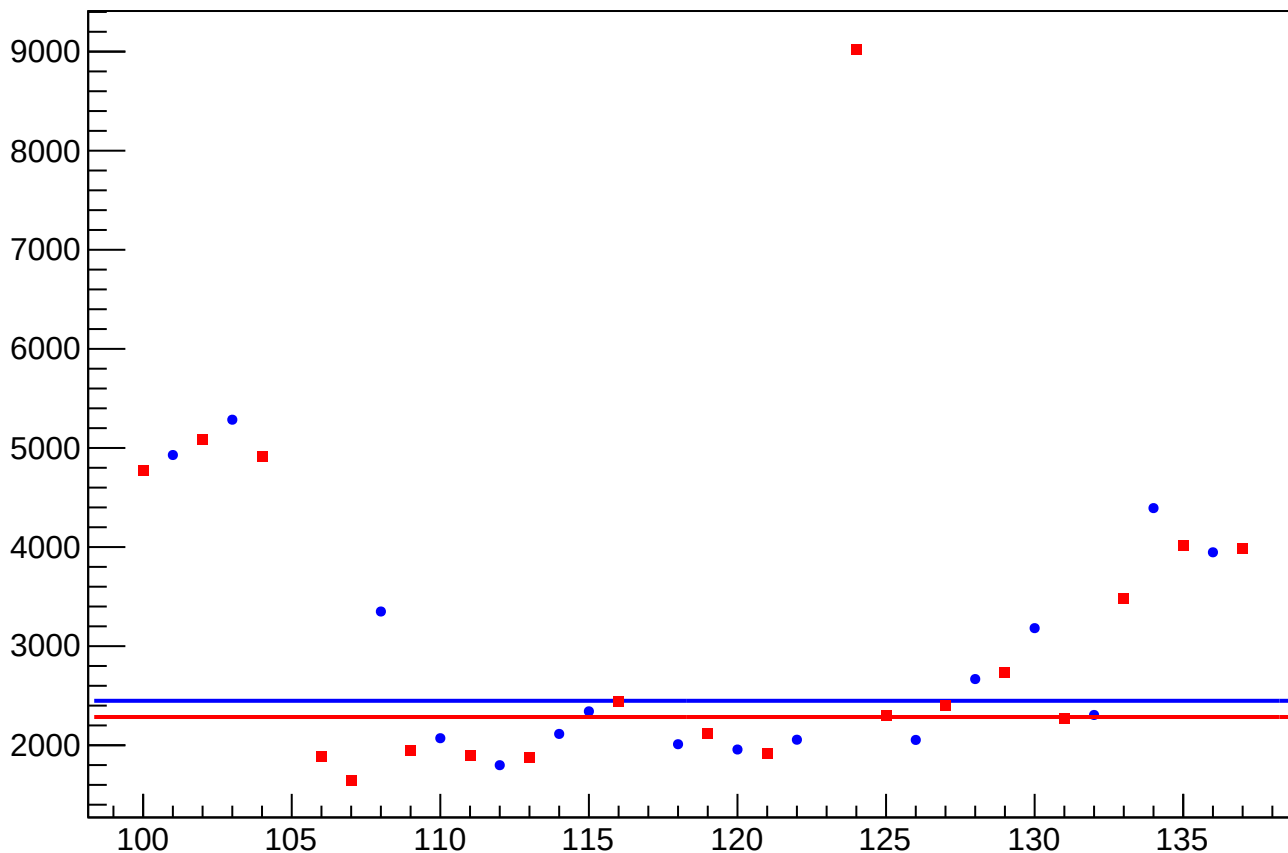
Right: -153.305+/-651.728 χ^2/NDF : 34.4/34

In: 296.517+/-964.677 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.305+/-651.728 χ^2/NDF : 34.4/34

asym_atl_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.598+/-0.682 χ^2/NDF : 1517585.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.075+/-0.625 χ^2/NDF : 1548819.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

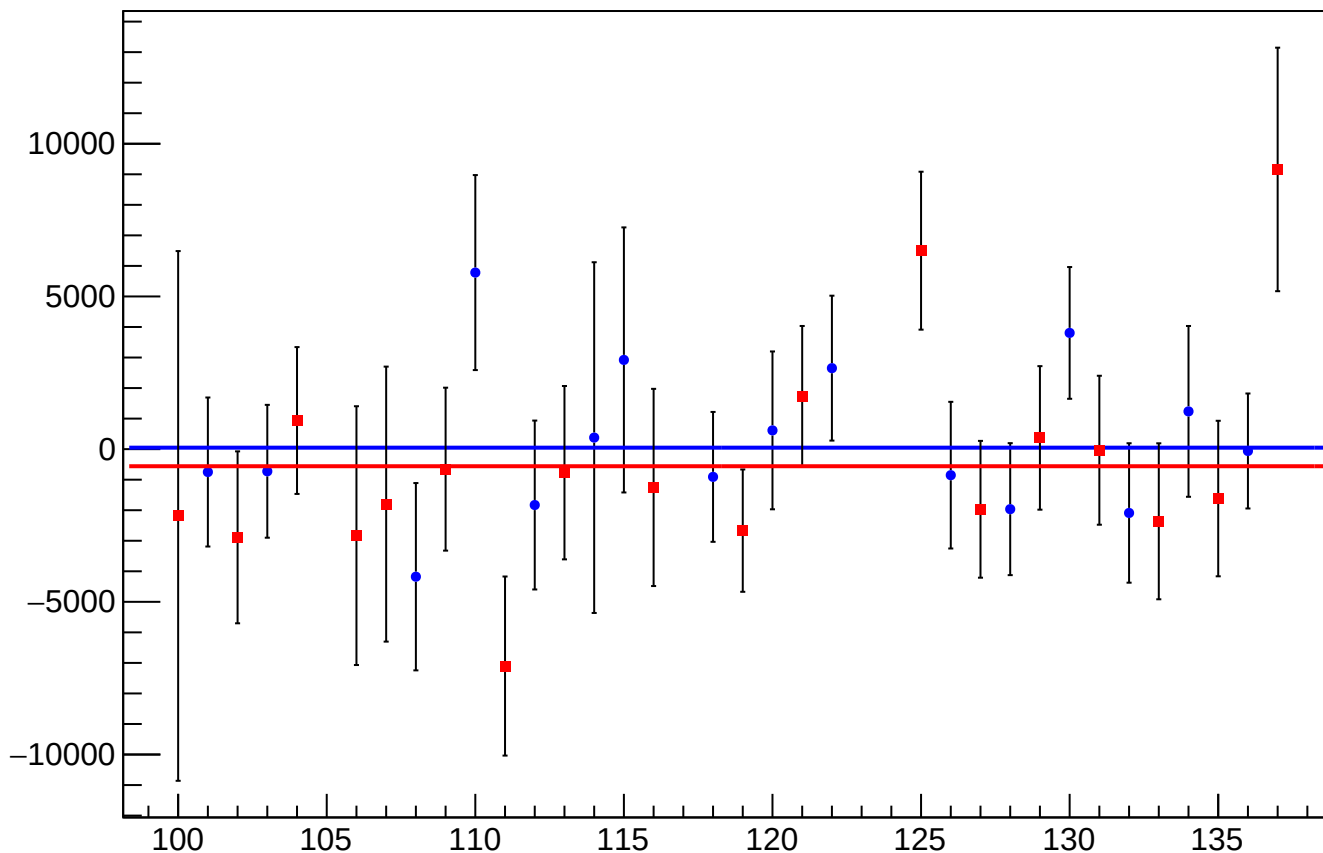
Right: 2359.711+/-0.461 χ^2/NDF : 3097643.0/34

In: 2448.598+/-0.682 χ^2/NDF : 1517585.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.711+/-0.461 χ^2/NDF : 3097643.0/34

eigen_dit_asym_atl_dd_mean vs Slug, Sign Corrected



Right In: 48.329+/-626.151 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -559.600+/-645.291 χ^2/NDF : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

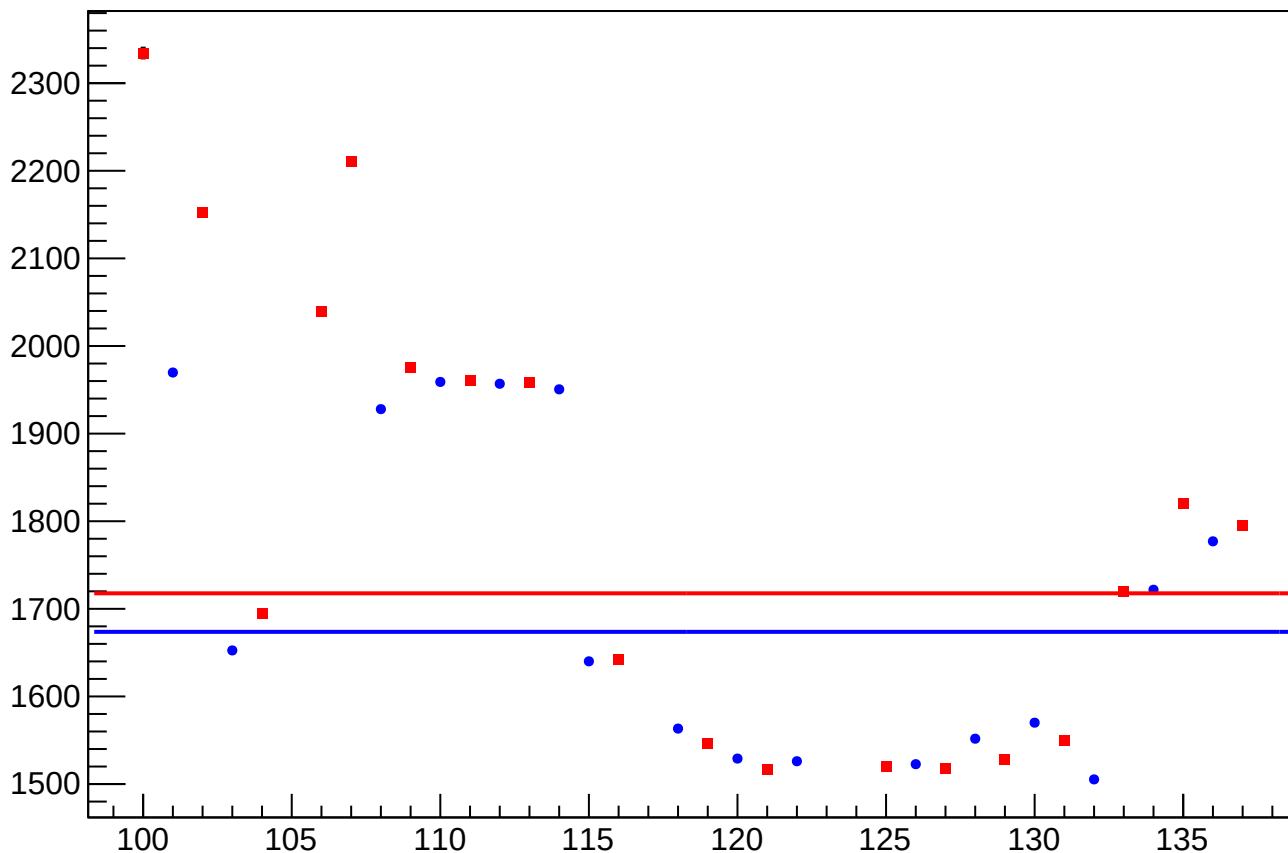
Right: -246.486+/-449.370 χ^2/NDF : 36.5/33

In: 48.329+/-626.151 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.486+/-449.370 χ^2/NDF : 36.5/33

eigen_dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1673.728+/-0.443 χ^2/NDF : 140873.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1717.713+/-0.455 χ^2/NDF : 227641.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

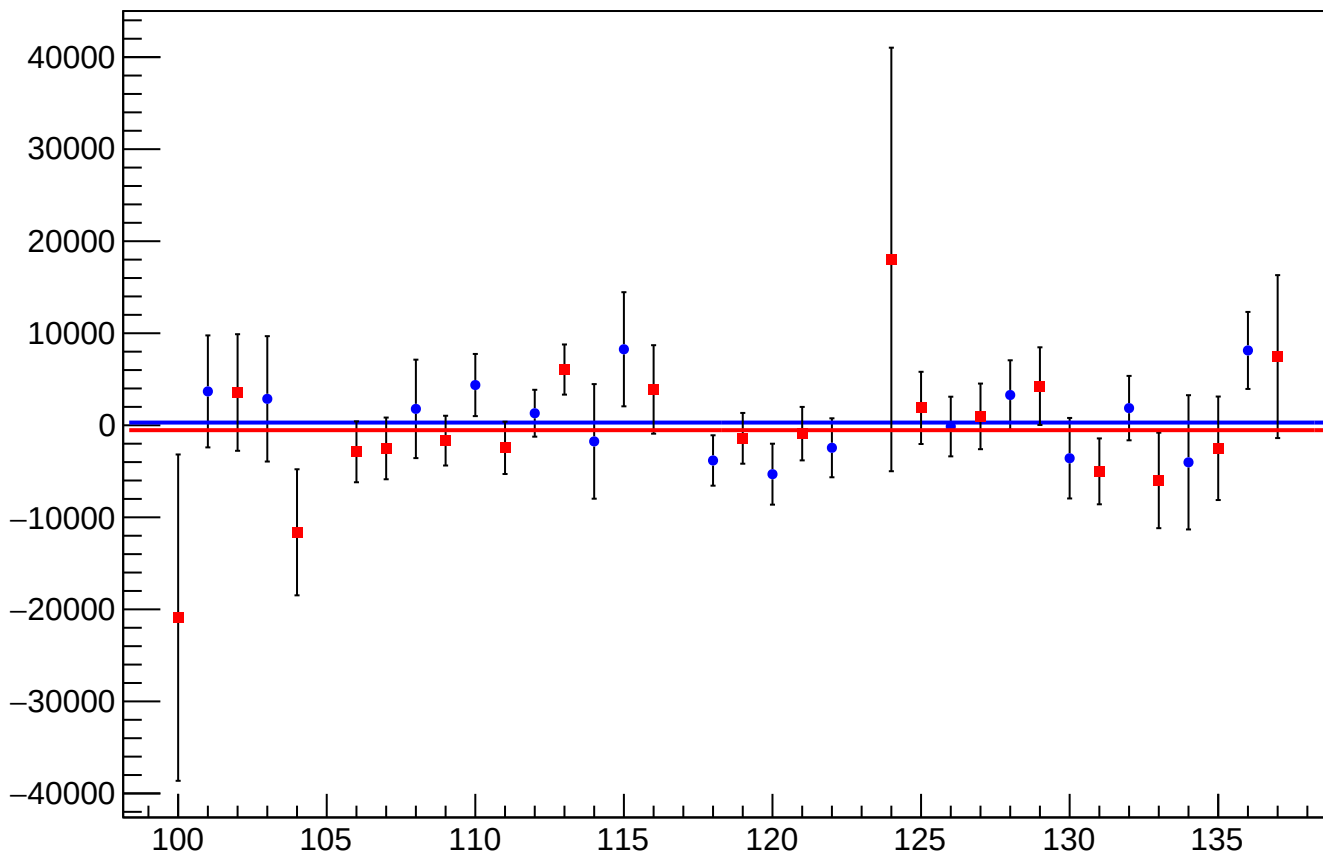
Right: 1695.110+/-0.317 χ^2/NDF : 373311.9/33

In: 1673.728+/-0.443 χ^2/NDF : 140873.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1695.110+/-0.317 χ^2/NDF : 373311.9/33

asym_atl_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 296.511+/-964.673 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.009+/-883.966 χ^2/NDF : 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

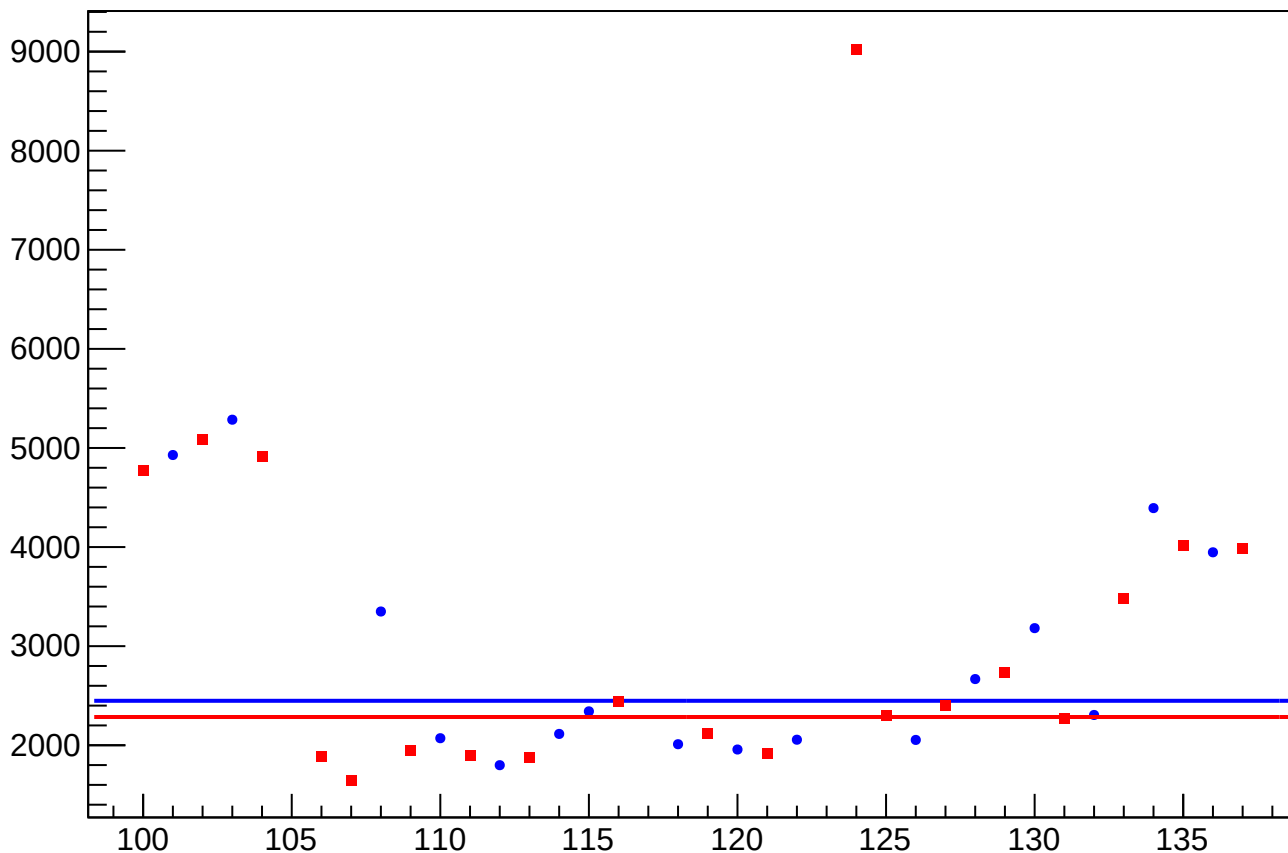
Right: -153.308+/-651.726 χ^2/NDF : 34.4/34

In: 296.511+/-964.673 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.308+/-651.726 χ^2/NDF : 34.4/34

asym_atl_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2448.587+/-0.682 χ^2/NDF : 1517598.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2285.066+/-0.625 χ^2/NDF : 1548827.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

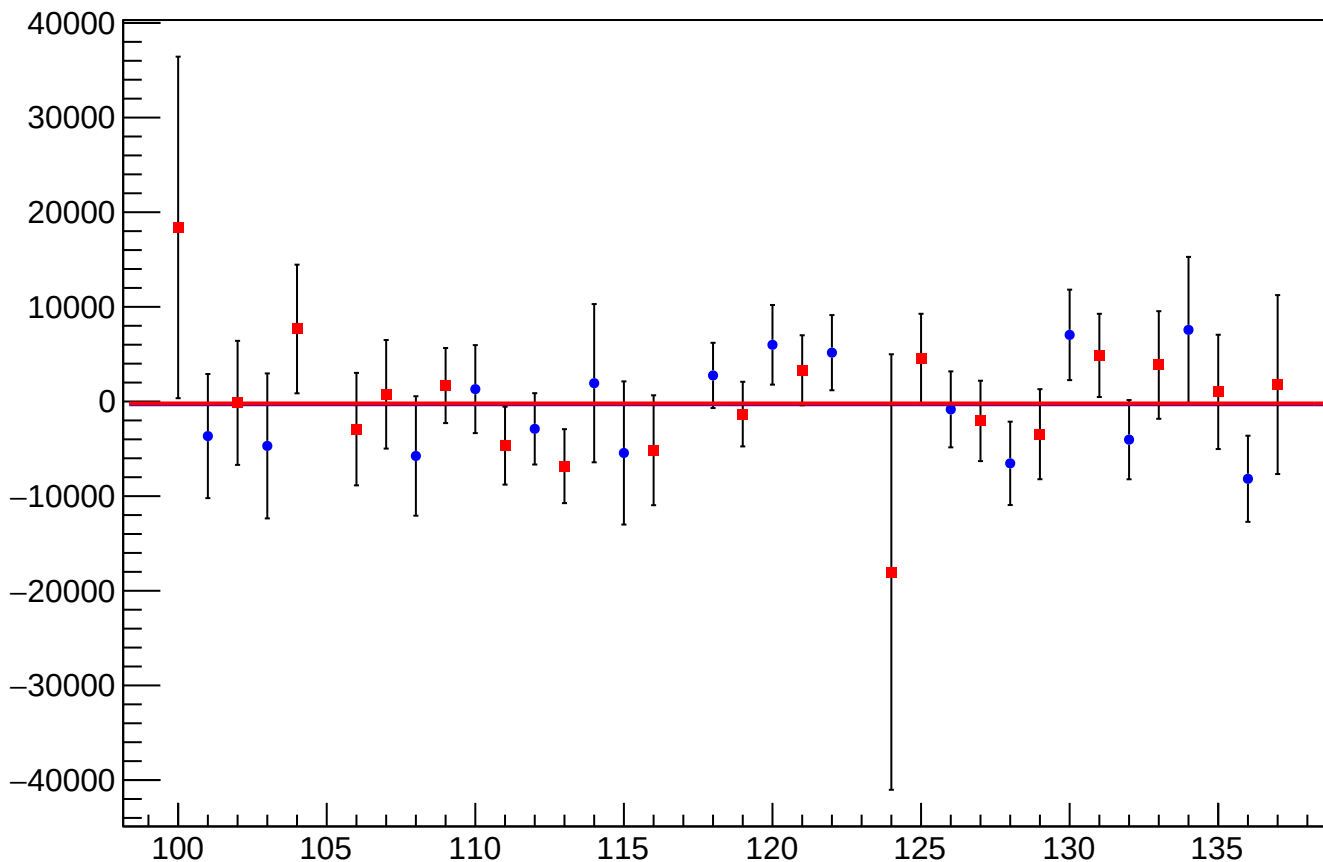
Right: 2359.701+/-0.461 χ^2/NDF : 3097663.3/34

In: 2448.587+/-0.682 χ^2/NDF : 1517598.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2359.701+/-0.461 χ^2/NDF : 3097663.3/34

asym_atl_dd_mean vs Slug, Sign Corrected



Right In: -287.276+/-1197.339 χ^2/NDF : 16.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -209.473+/-1153.742 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

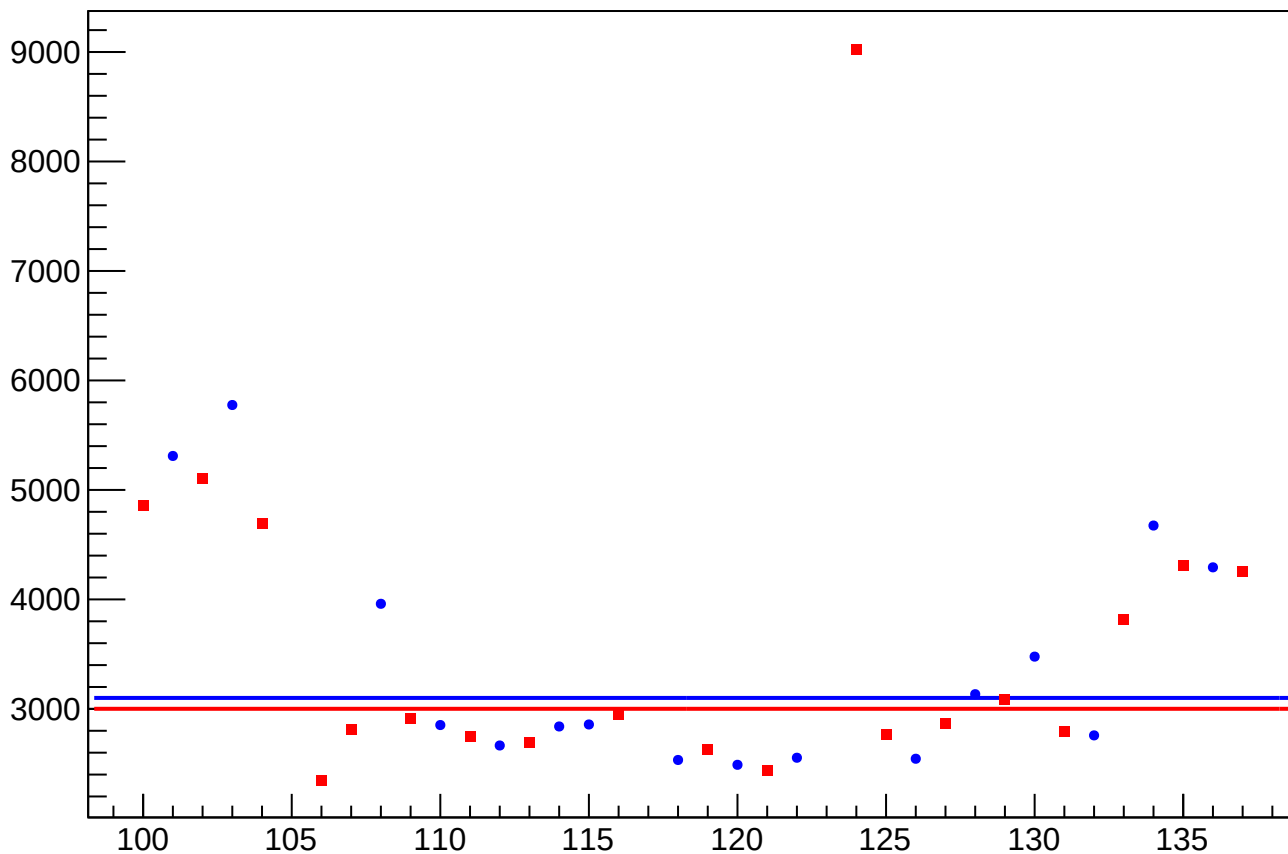
Right: -246.932+/-830.804 χ^2/NDF : 29.4/34

In: -287.276+/-1197.339 χ^2/NDF :16.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -246.932+/-830.804 χ^2/NDF : 29.4/34

asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 3100.135+/-0.847 χ^2/NDF : 963669.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3000.750+/-0.805 χ^2/NDF : 806601.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

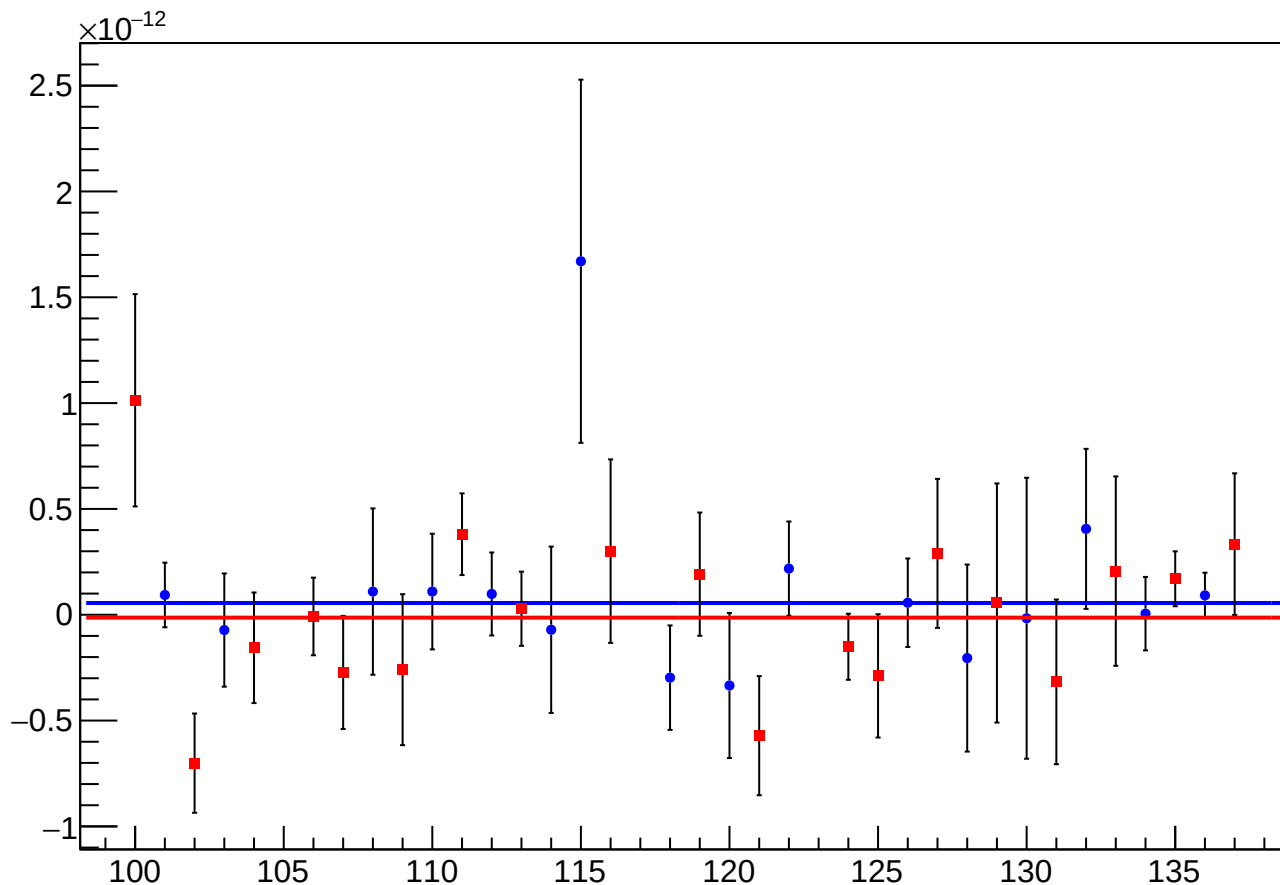
Right: 3047.926+/-0.583 χ^2/NDF : 1777509.7/34

In: 3100.135+/-0.847 χ^2/NDF : 963669.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3047.926+/-0.583 χ^2/NDF : 1777509.7/34

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 30.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

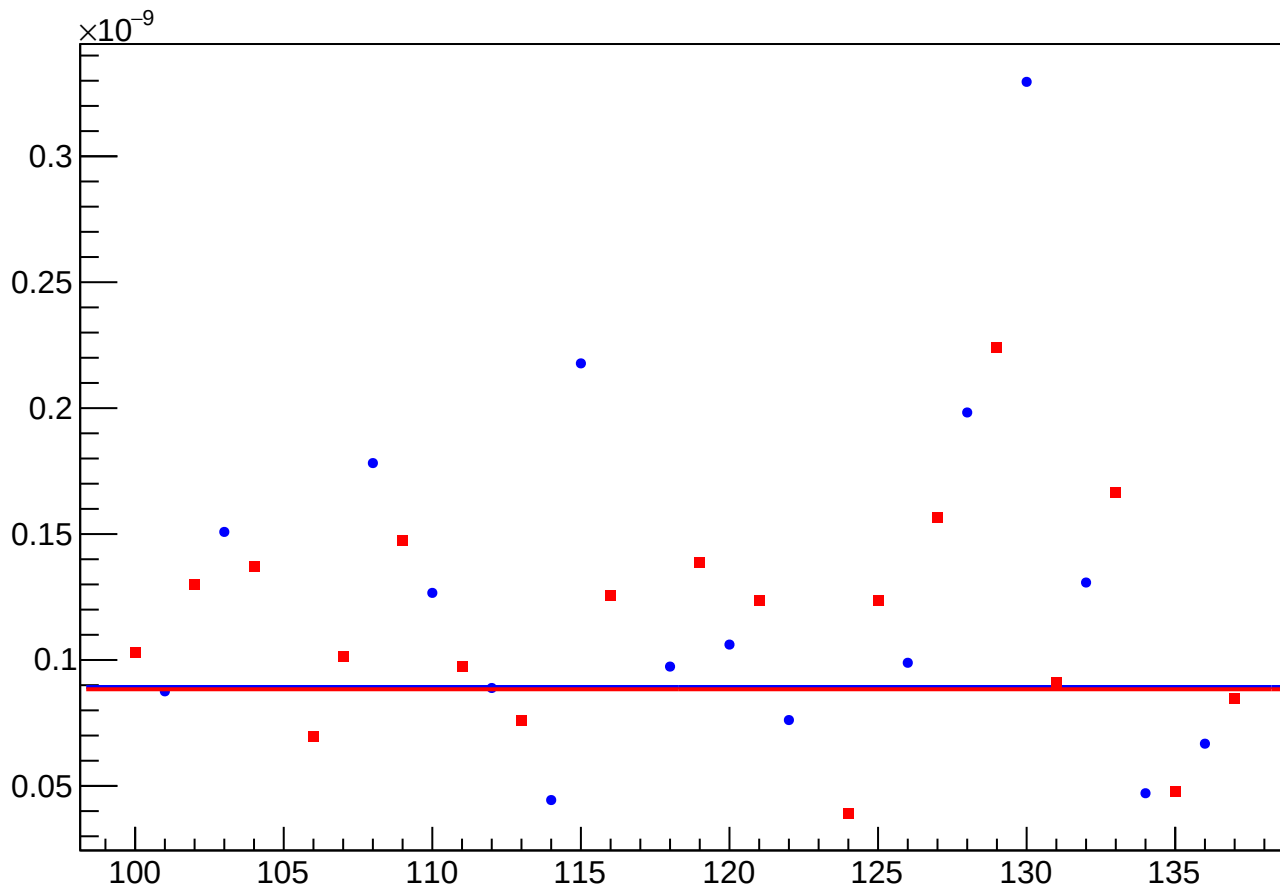
Right: 0.000+/-0.000 χ^2/NDF : 40.1/34

In: 0.000+/-0.000 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.1/34

asym_atl_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 949608.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1013814.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

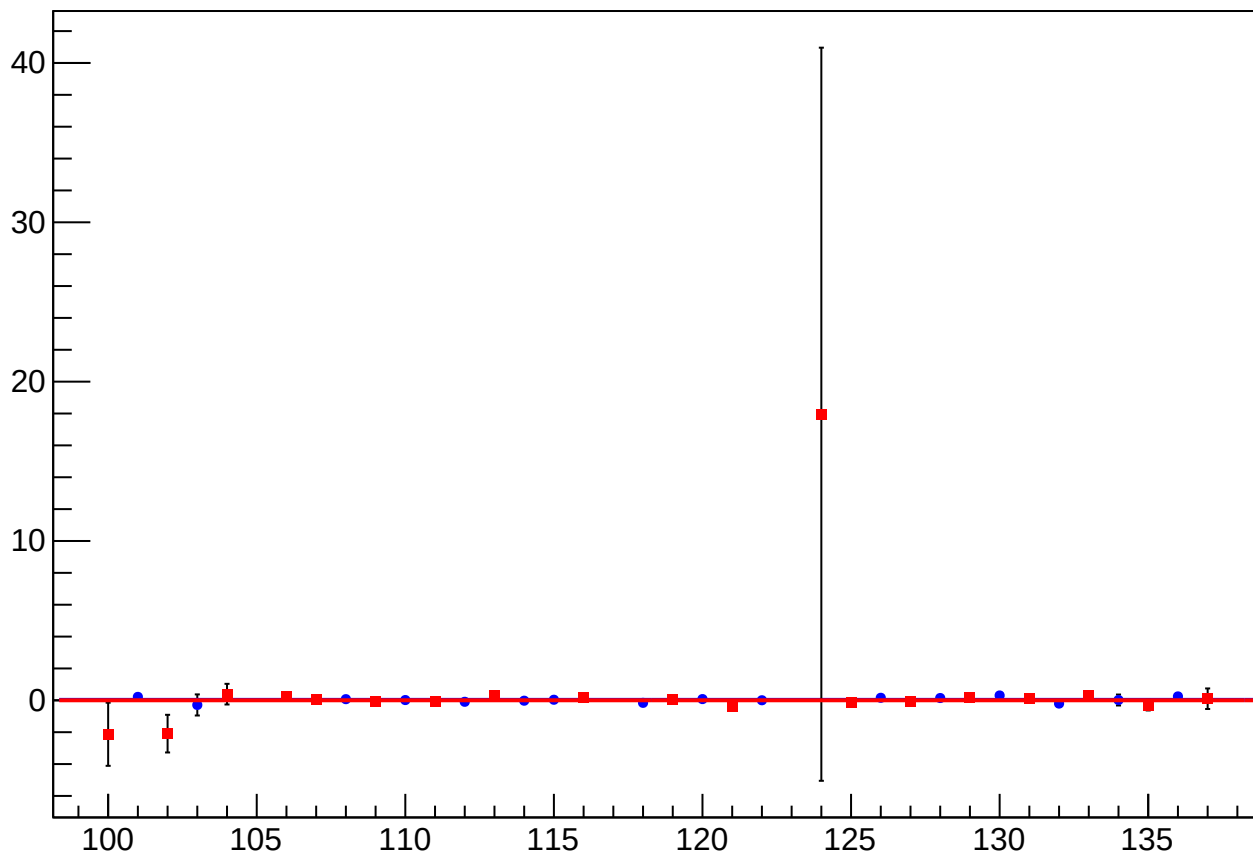
Right: 0.000+/-0.000 χ^2/NDF : 1963677.1/34

In: 0.000+/-0.000 χ^2/NDF : 949608.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1963677.1/34

asym_atl_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.045 χ^2 /NDF: 8.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.043 χ^2 /NDF: 22.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

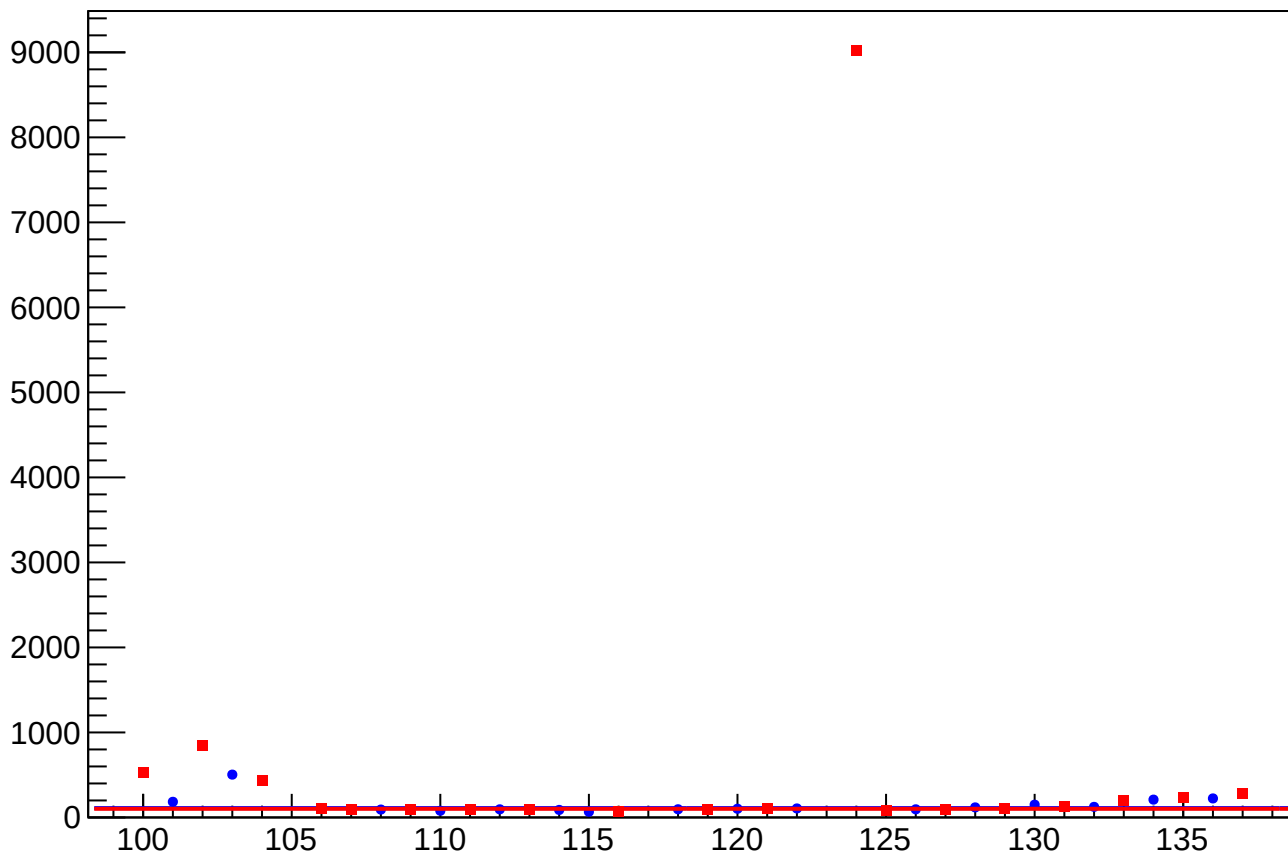
Right: 0.015 $\pm$ 0.031 χ^2 /NDF: 31.4/34

In: 0.028 $\pm$ 0.045 χ^2 /NDF:8.9/15

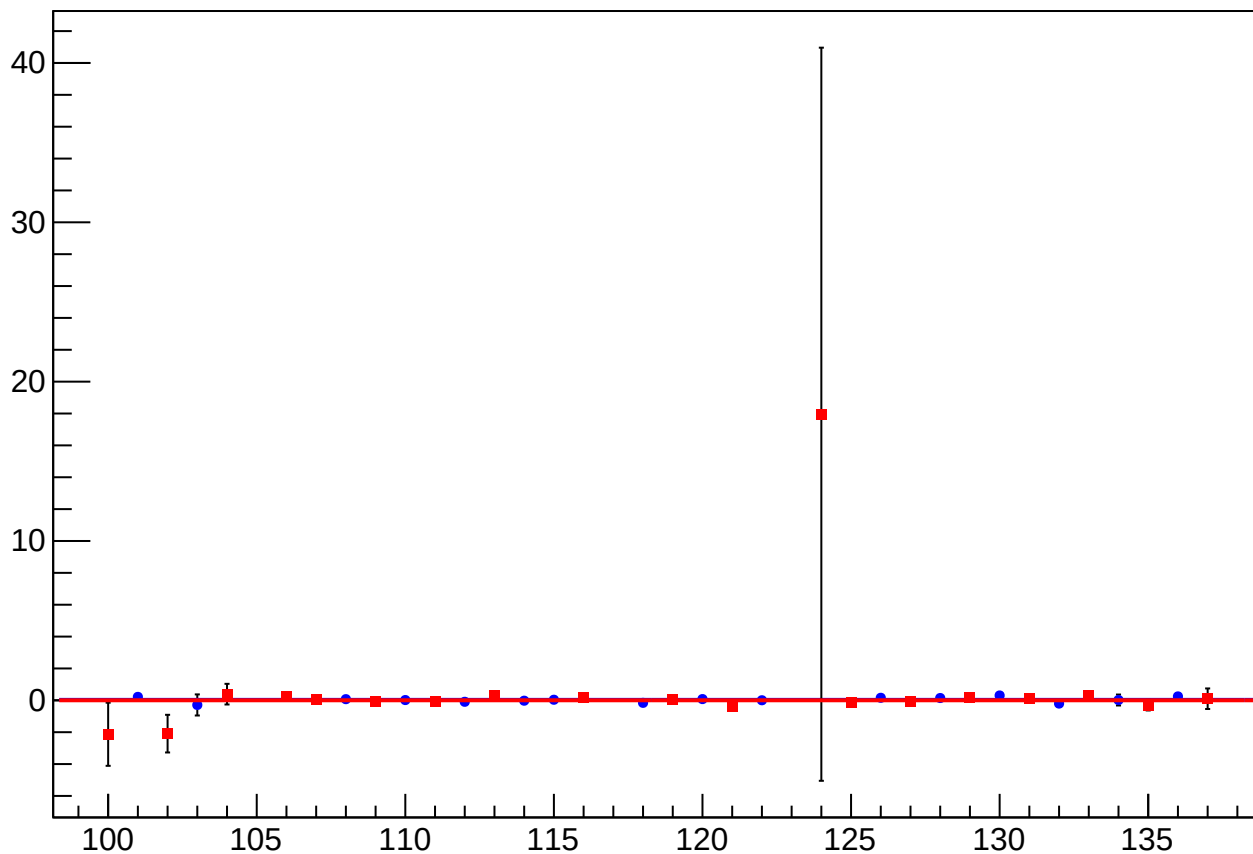
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.031 χ^2 /NDF: 31.4/34

asym_atl_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.045 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.043 χ^2/NDF : 22.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

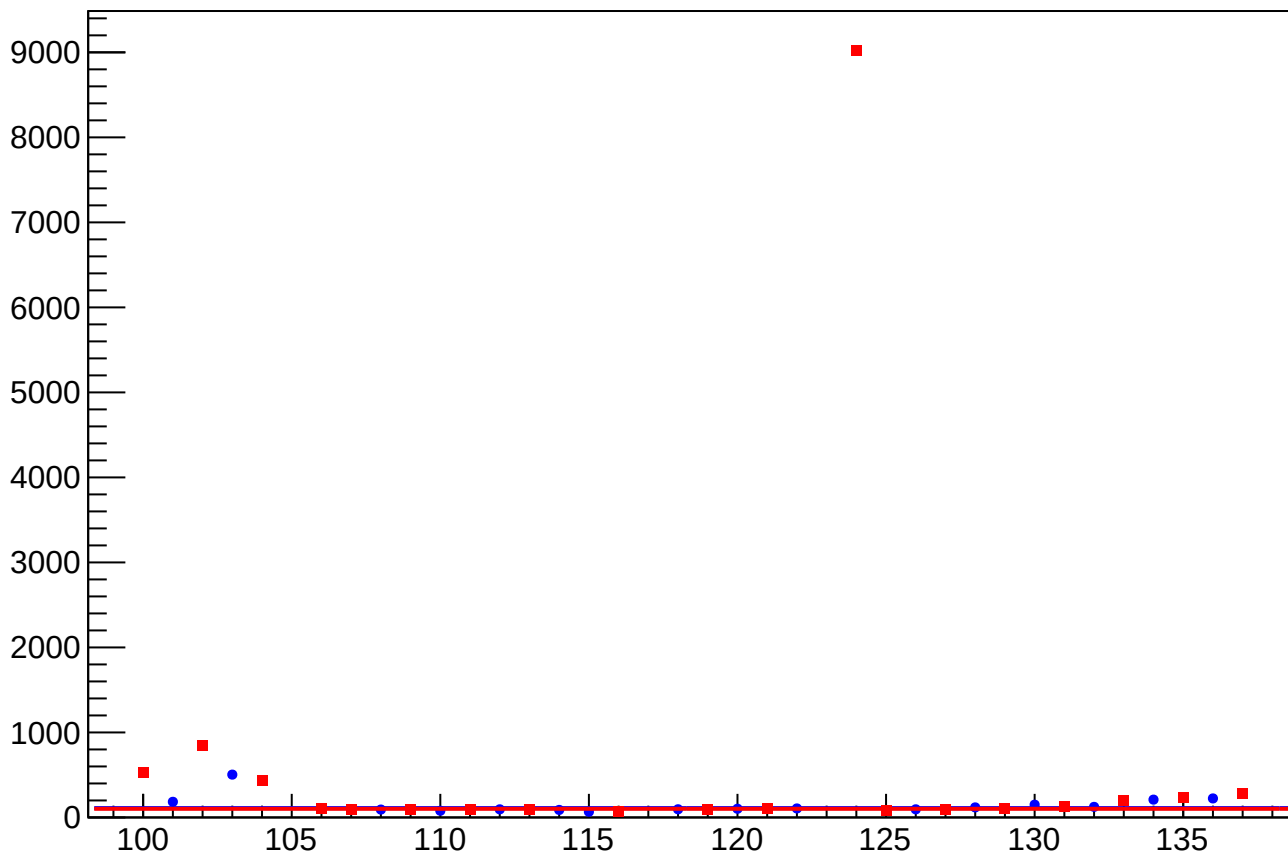
Right: 0.015+/-0.031 χ^2/NDF : 31.4/34

In: 0.028+/-0.045 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.031 χ^2/NDF : 31.4/34

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.988+/-0.032 χ^2/NDF : 1930558.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.852+/-0.031 χ^2/NDF : 2589792.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

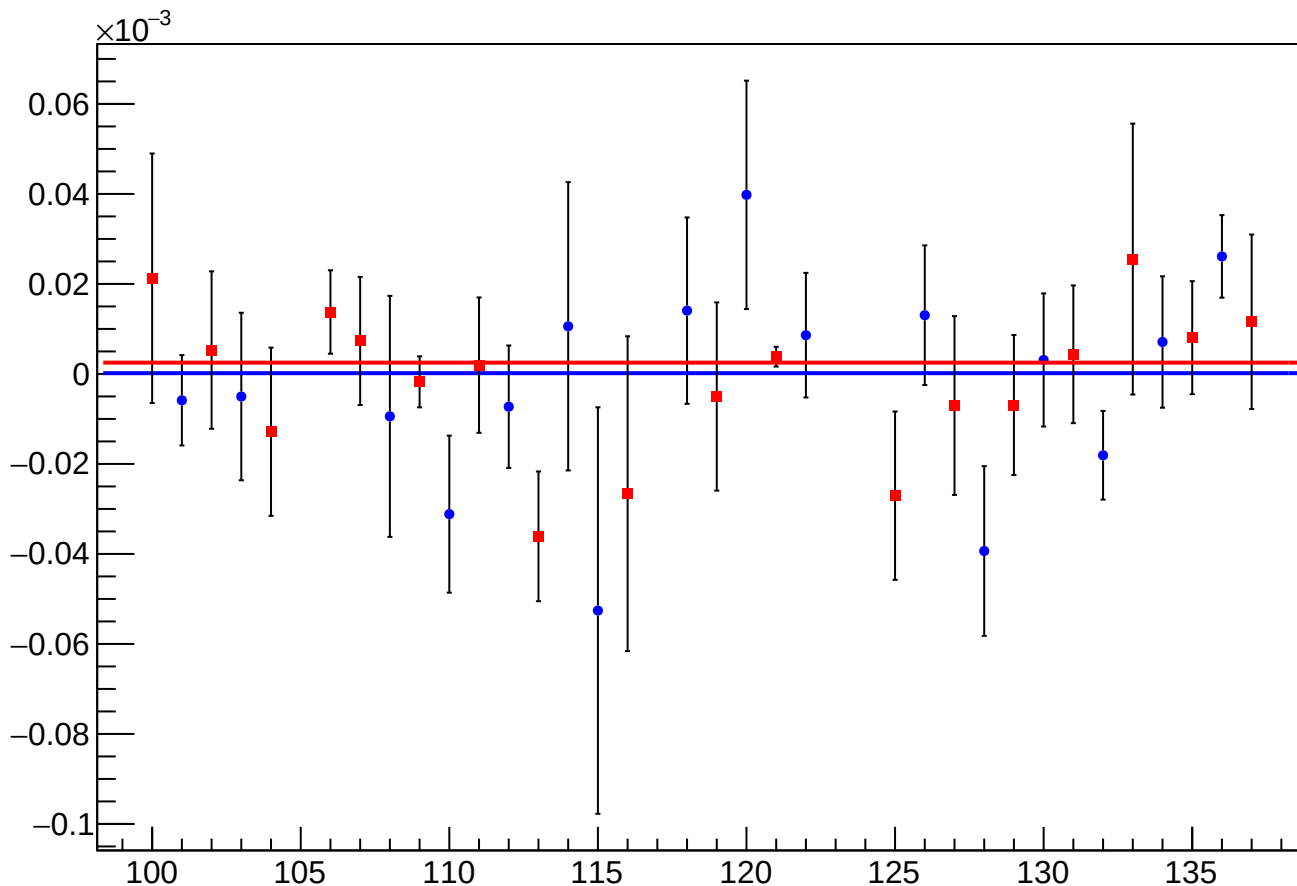
Right: 105.743+/-0.022 χ^2/NDF : 4554008.7/34

In: 109.988+/-0.032 χ^2/NDF : 1930558.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.743+/-0.022 χ^2/NDF : 4554008.7/34

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 25.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

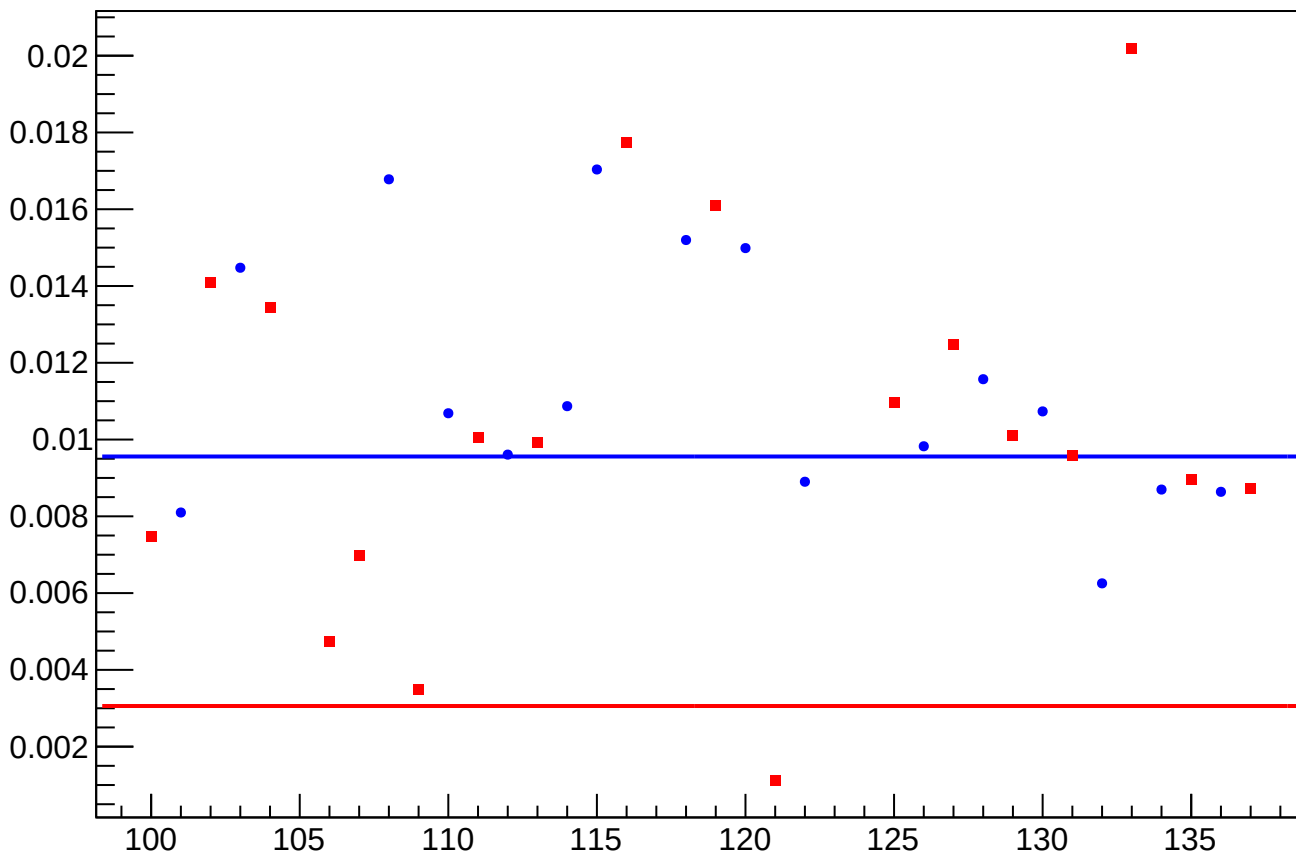
Right: 0.000+/-0.000 χ^2/NDF : 41.7/33

In: 0.000+/-0.000 χ^2/NDF : 25.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.7/33

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 926018.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8122378.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

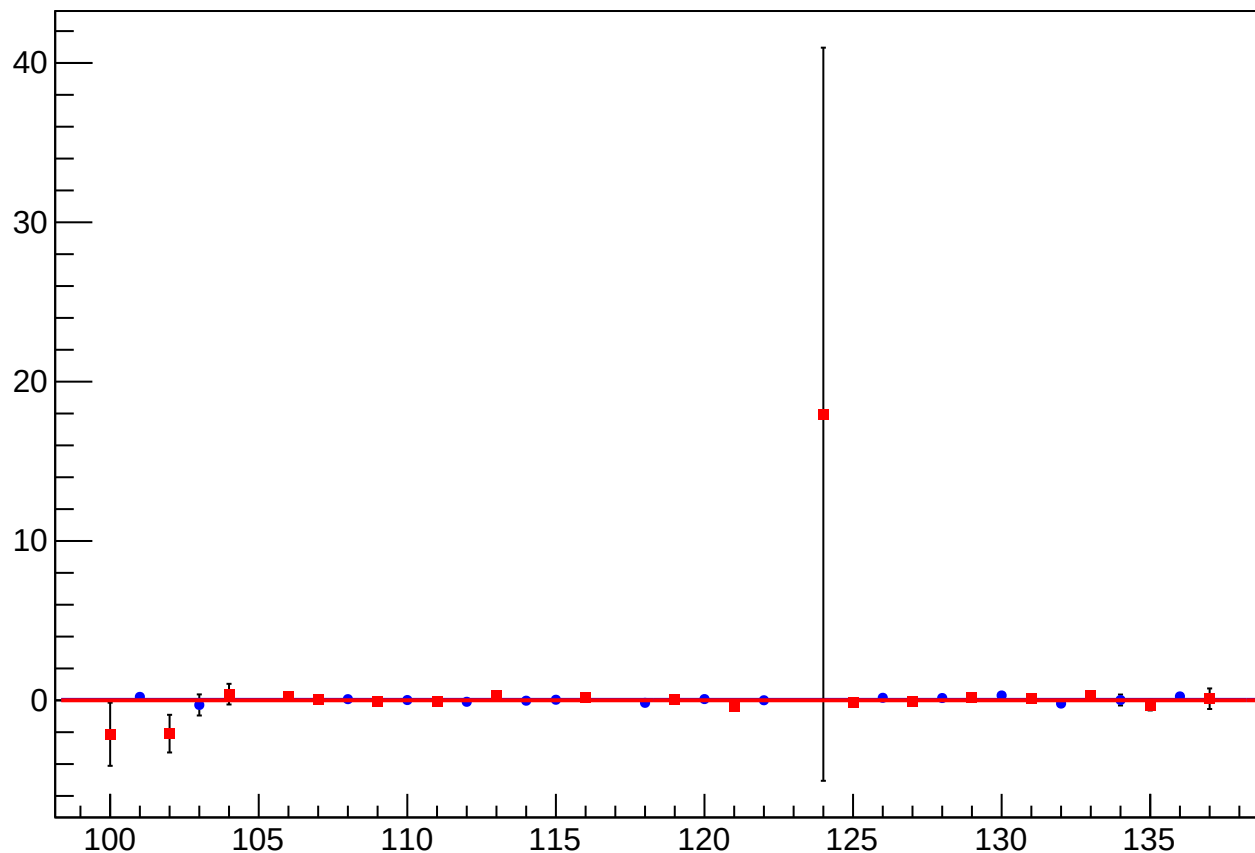
Right: 0.004+/-0.000 χ^2/NDF : 13944710.4/33

In: 0.010+/-0.000 χ^2/NDF : 926018.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 13944710.4/33

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.045 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.043 χ^2/NDF : 22.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

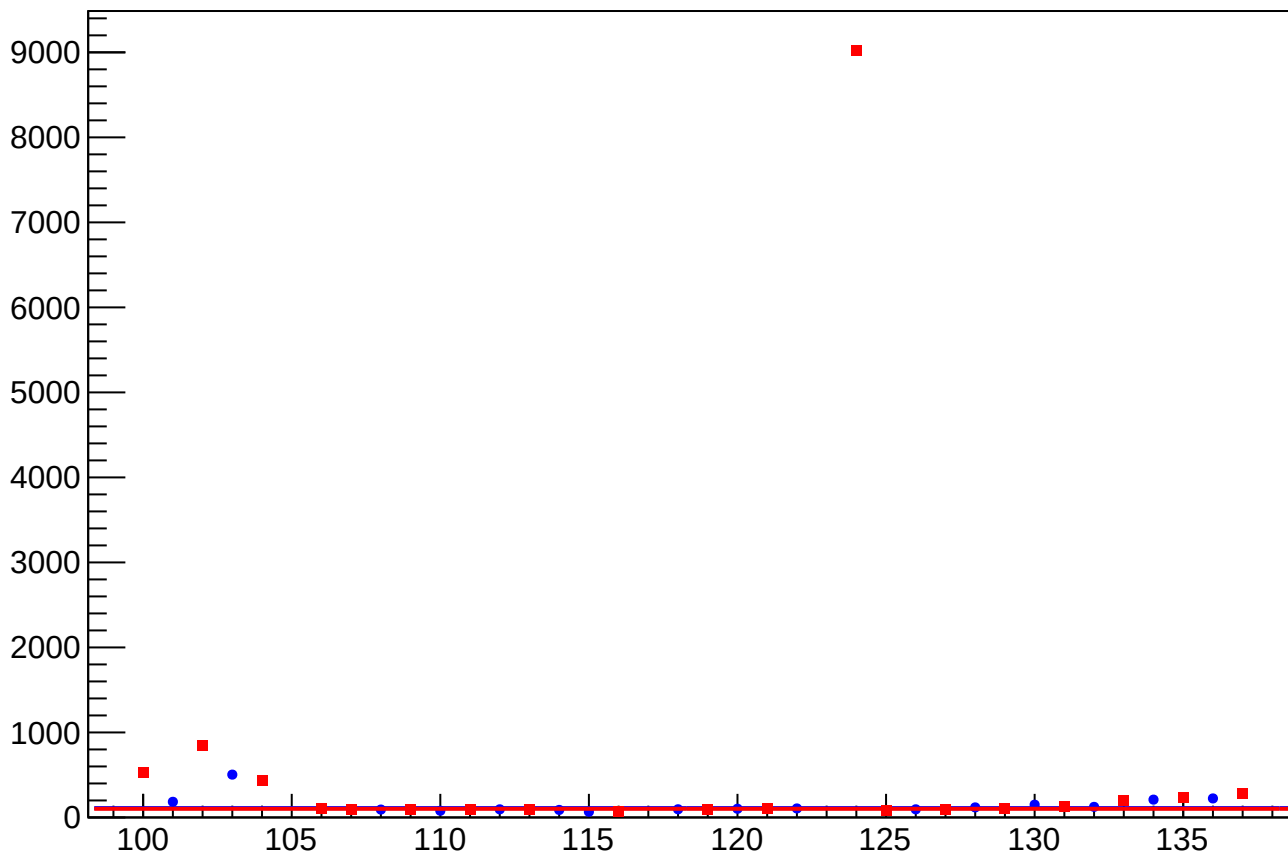
Right: 0.015+/-0.031 χ^2/NDF : 31.4/34

In: 0.028+/-0.045 χ^2/NDF : 8.9/15

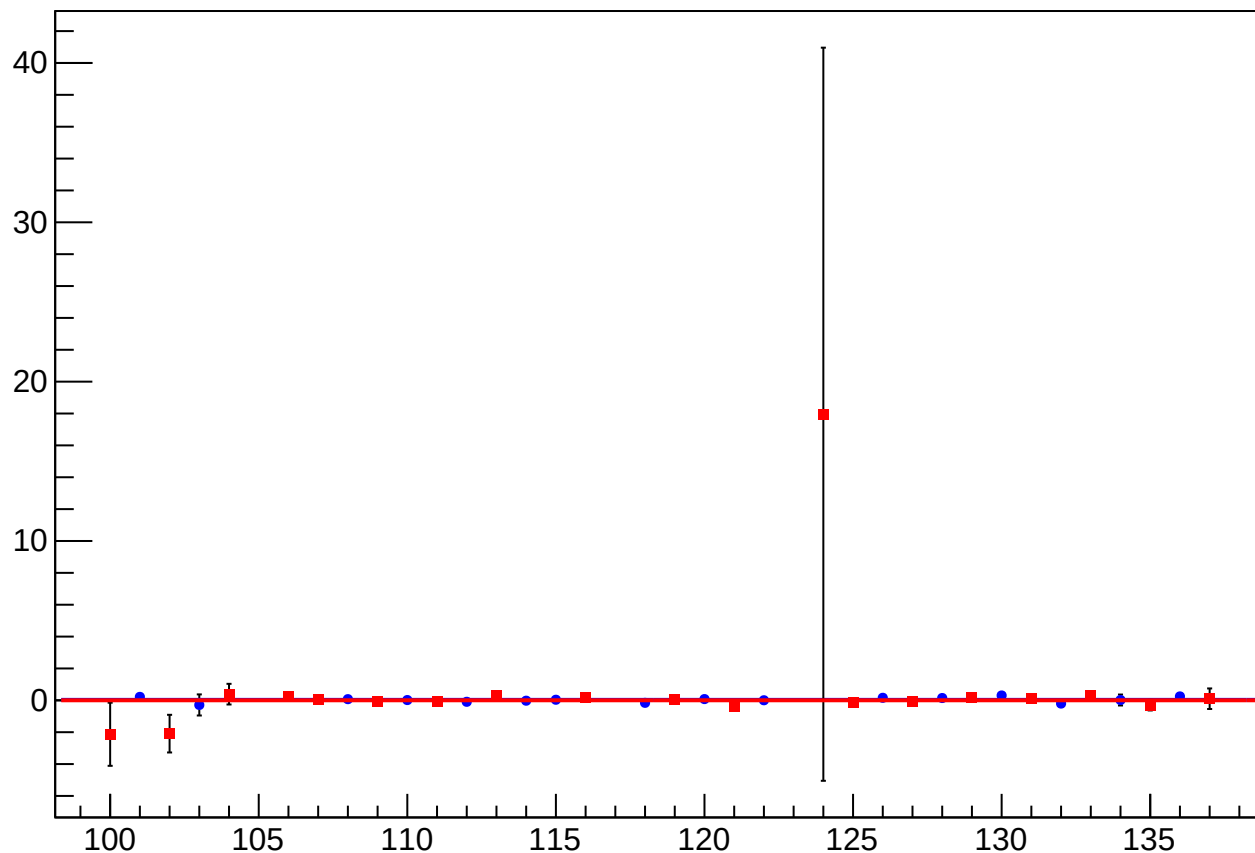
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.031 χ^2/NDF : 31.4/34

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.045 χ^2/NDF : 8.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.043 χ^2/NDF : 22.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

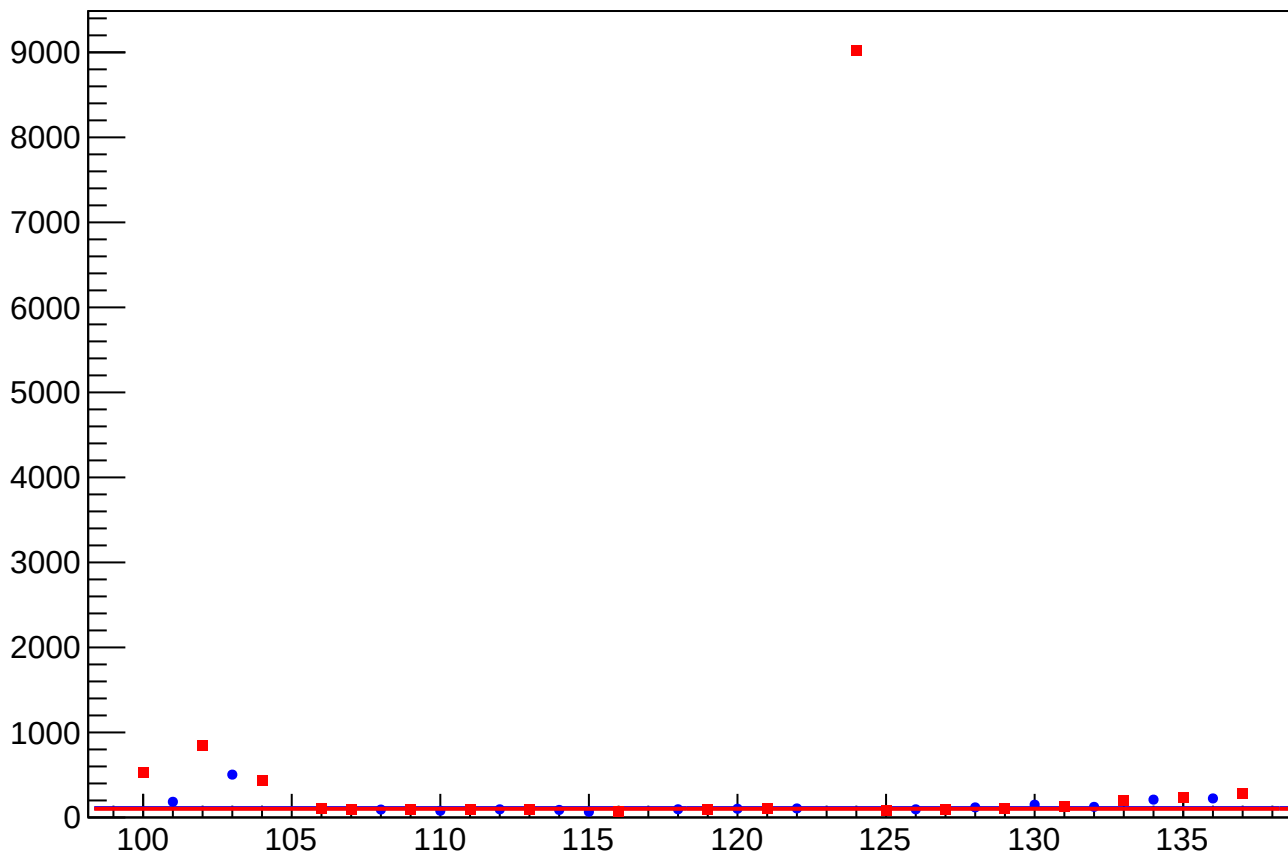
Right: 0.015+/-0.031 χ^2/NDF : 31.4/34

In: 0.028+/-0.045 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.031 χ^2/NDF : 31.4/34

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 109.989+/-0.032 χ^2/NDF : 1930489.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.853+/-0.031 χ^2/NDF : 2589710.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

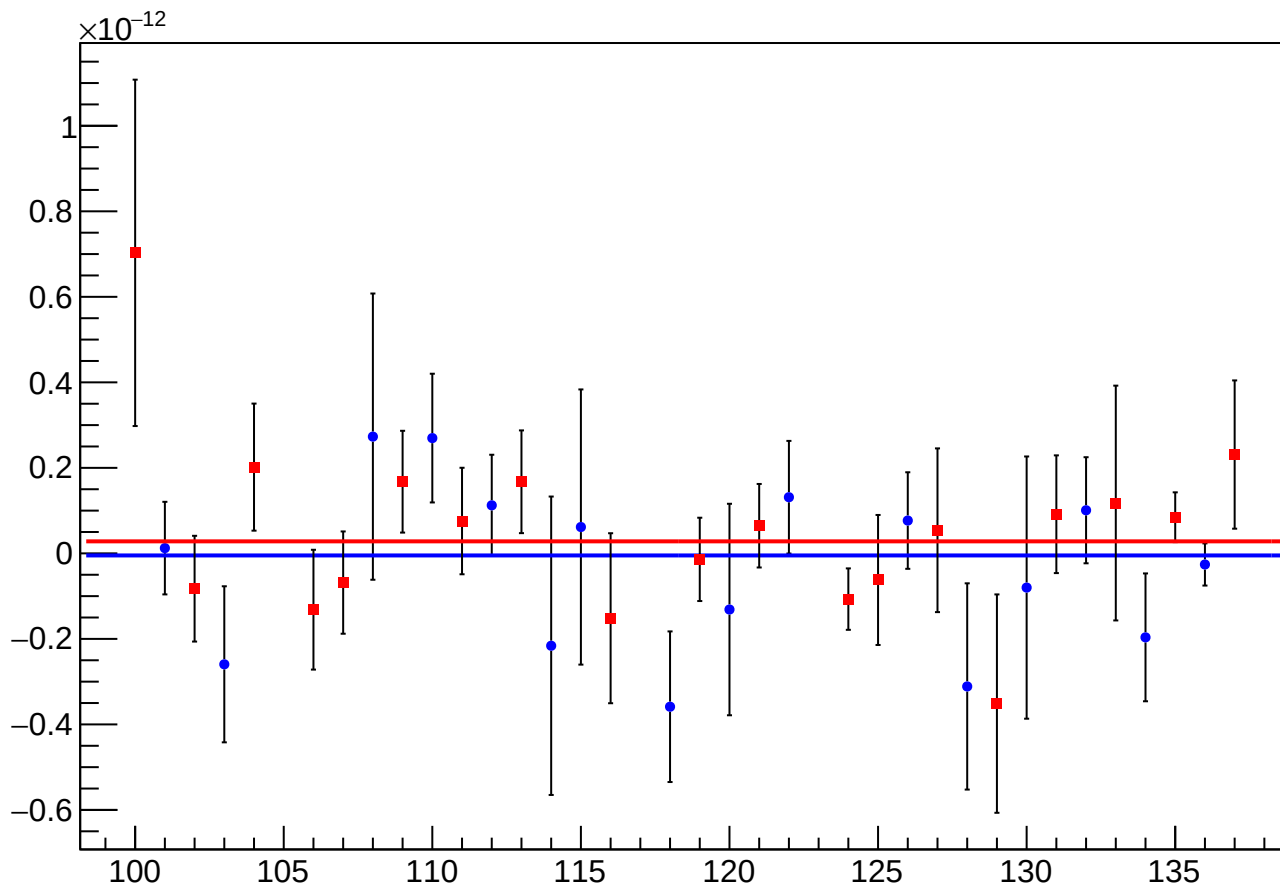
Right: 105.744+/-0.022 χ^2/NDF : 4553853.6/34

In: 109.989+/-0.032 χ^2/NDF : 1930489.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.744+/-0.022 χ^2/NDF : 4553853.6/34

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

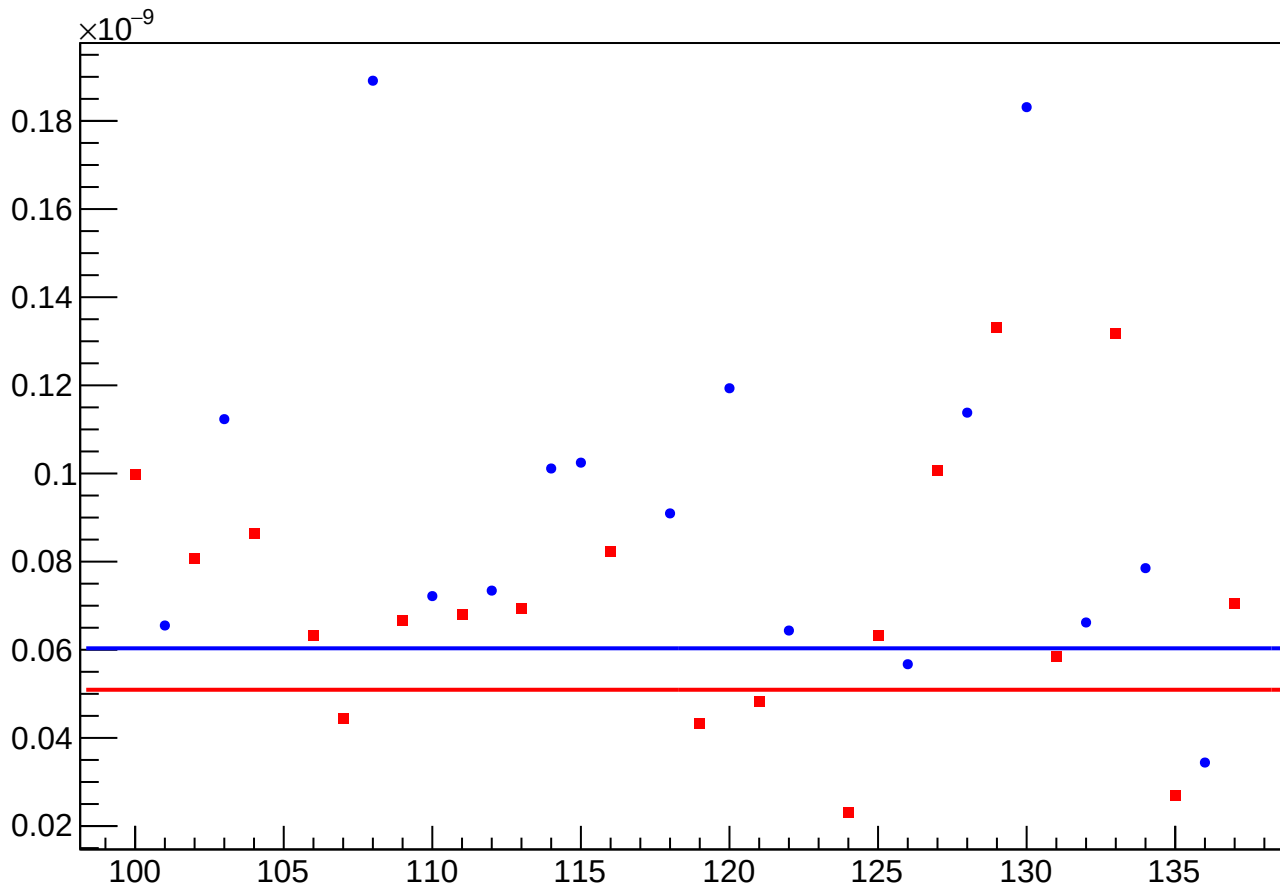
Right: 0.000+/-0.000 χ^2/NDF : 37.8/34

In: -0.000+/-0.000 χ^2/NDF : 17.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.8/34

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1746170.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1667004.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

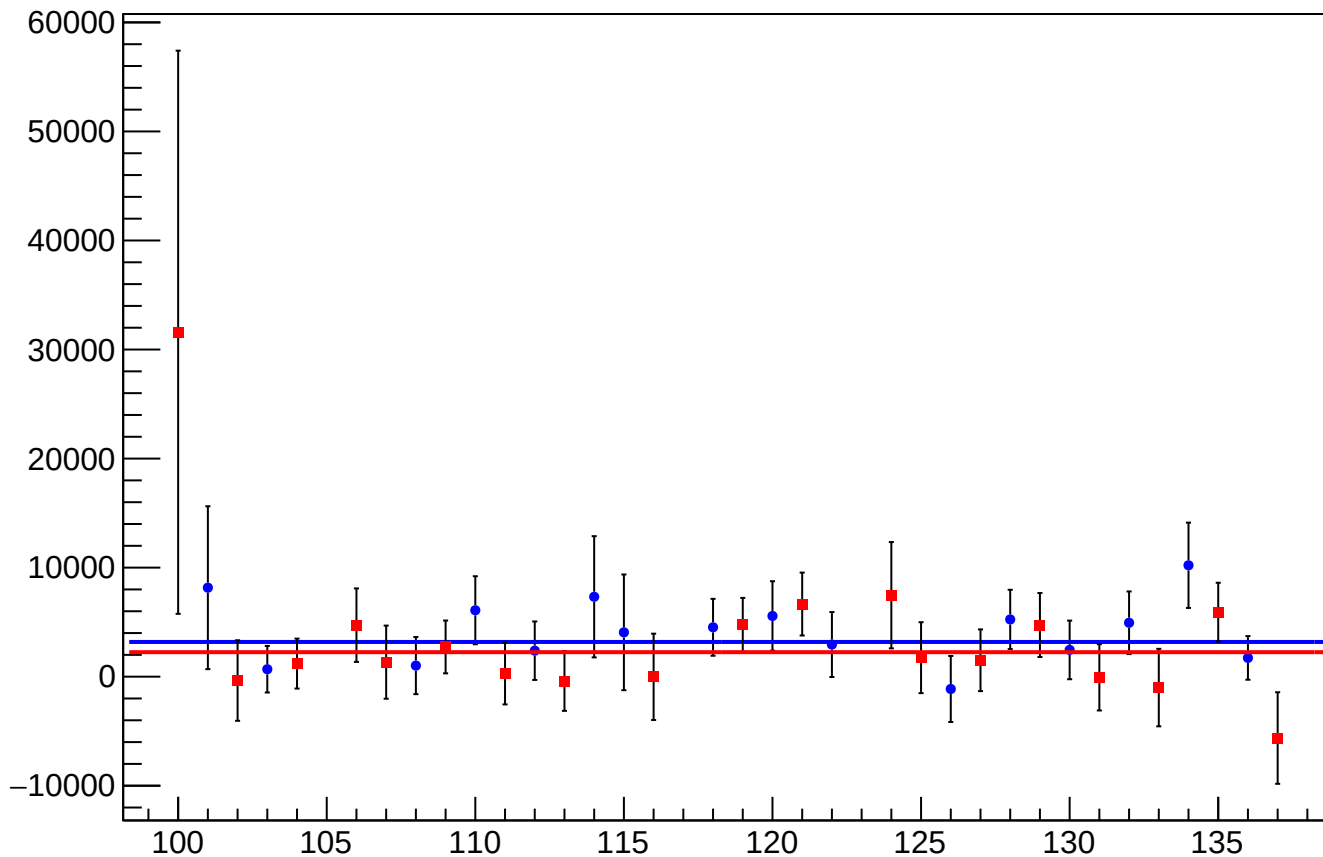
Right: 0.000+/-0.000 χ^2/NDF : 3514375.8/34

In: 0.000+/-0.000 χ^2/NDF : 1746170.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3514375.8/34

reg_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3183.705+/-731.133 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2246.057+/-710.912 χ^2/NDF : 16.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

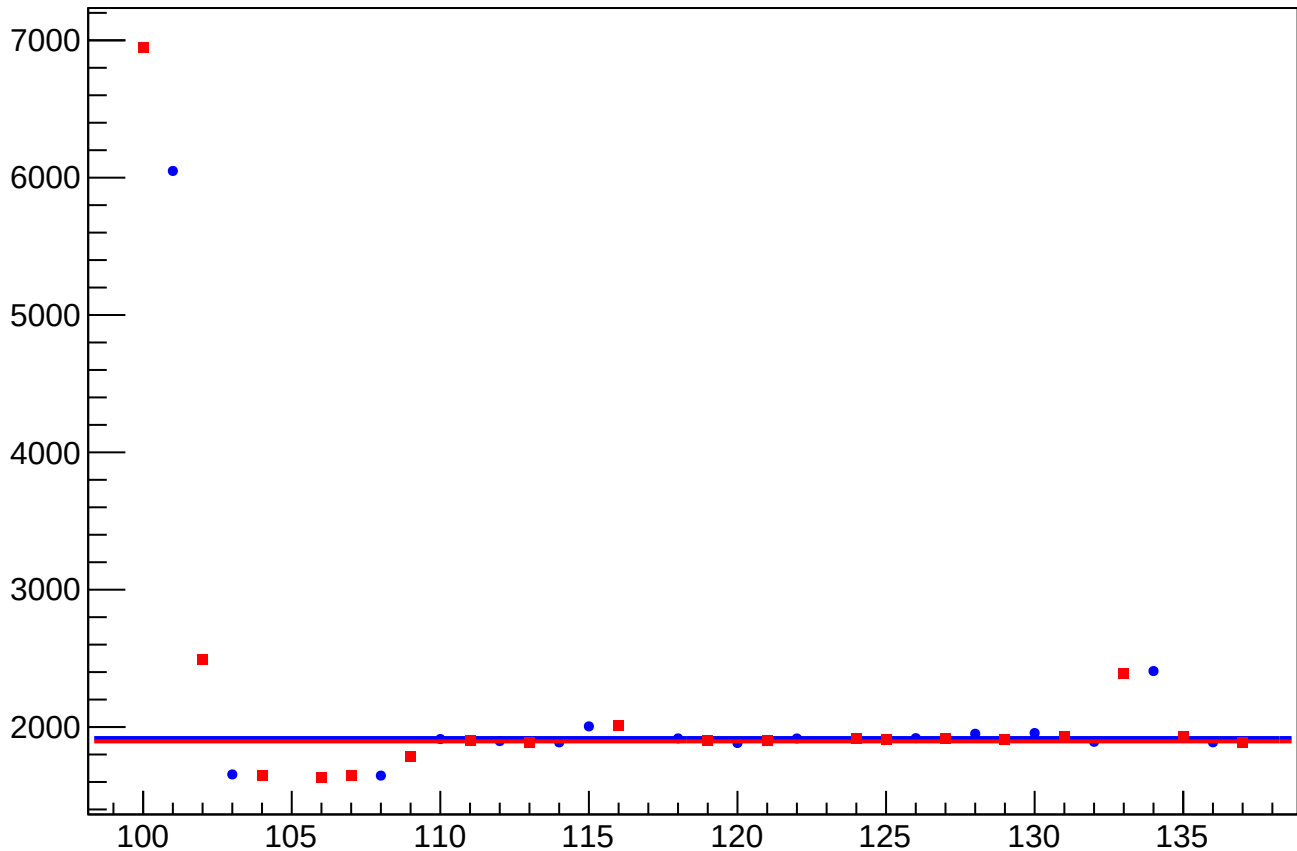
Right: 2701.735+/-509.689 χ^2/NDF : 29.1/34

In: 3183.705+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.735+/-509.689 χ^2/NDF : 29.1/34

reg_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1919.827+/-0.517 χ^2/NDF : 697331.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.361+/-0.501 χ^2/NDF : 222273.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

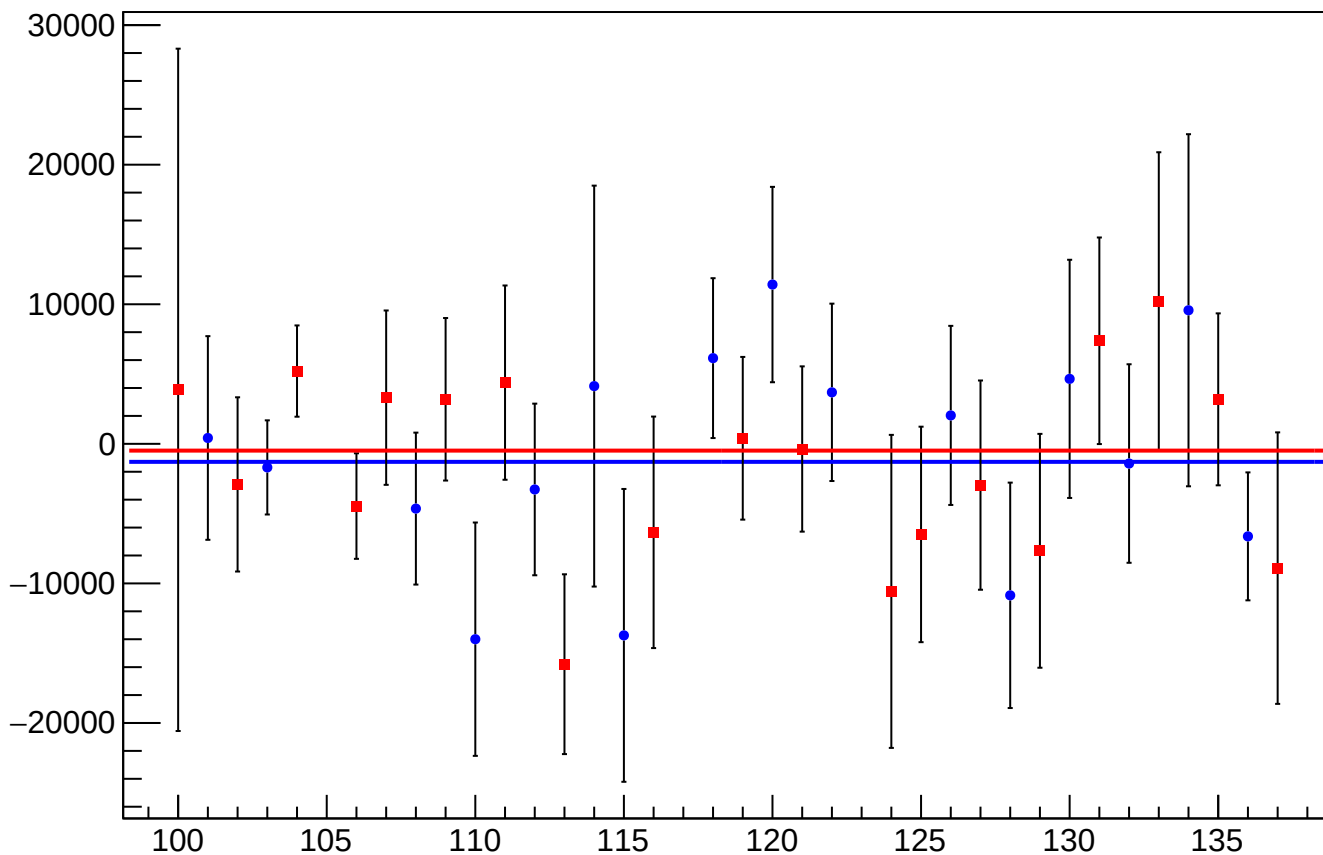
Right: 1907.209+/-0.360 χ^2/NDF : 920760.5/34

In: 1919.827+/-0.517 χ^2/NDF : 697331.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.209+/-0.360 χ^2/NDF : 920760.5/34

asym_atr_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1290.495+/-1585.432 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -485.214+/-1437.465 χ^2/NDF : 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

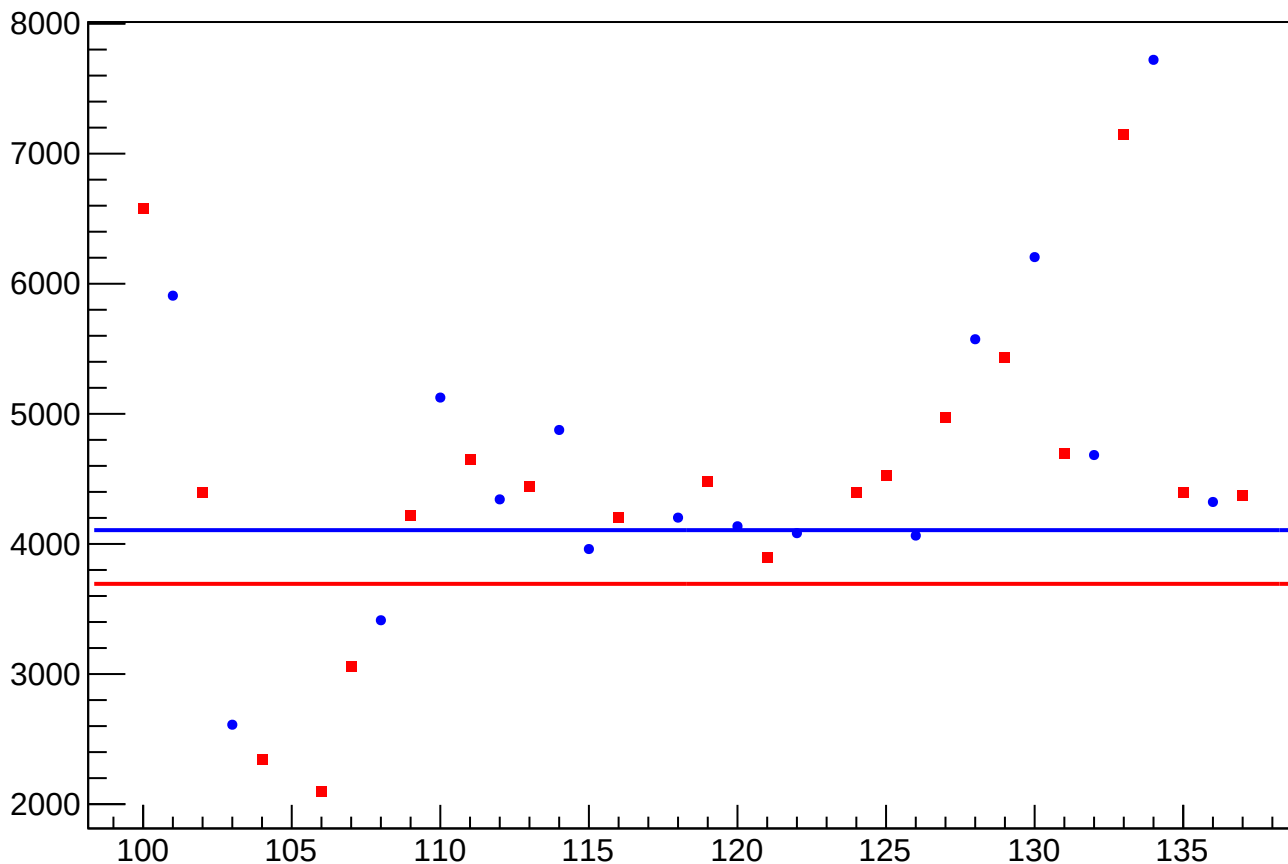
Right: -848.531+/-1064.920 χ^2/NDF : 31.6/34

In: -1290.495+/-1585.432 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -848.531+/-1064.920 χ^2/NDF : 31.6/34

asym_atr_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4106.141+/-1.121 χ^2/NDF : 956130.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3693.266+/-1.016 χ^2/NDF : 1356643.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

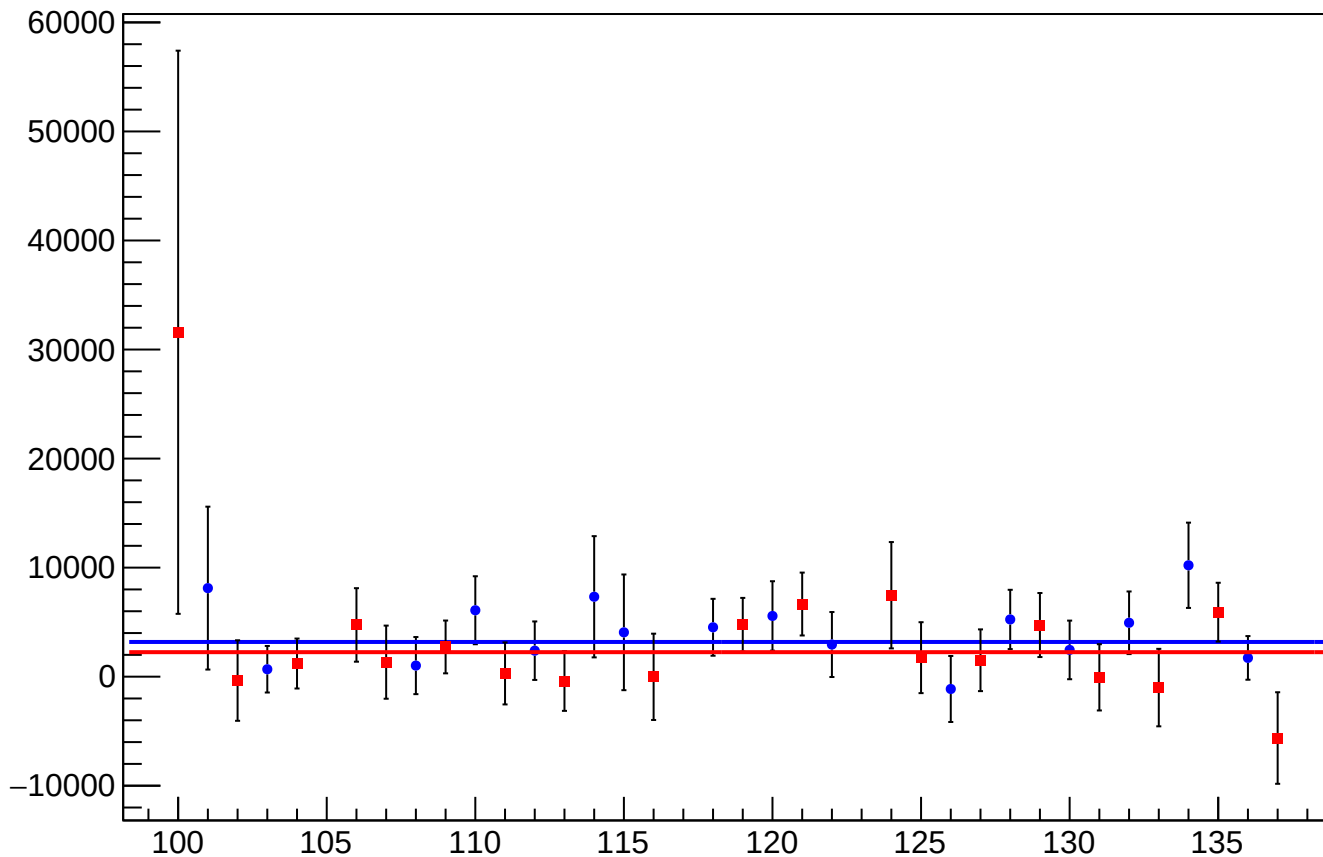
Right: 3879.542+/-0.753 χ^2/NDF : 2387214.5/34

In: 4106.141+/-1.121 χ^2/NDF : 956130.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3879.542+/-0.753 χ^2/NDF : 2387214.5/34

cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2247.193+/-710.916 χ^2/NDF : 16.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

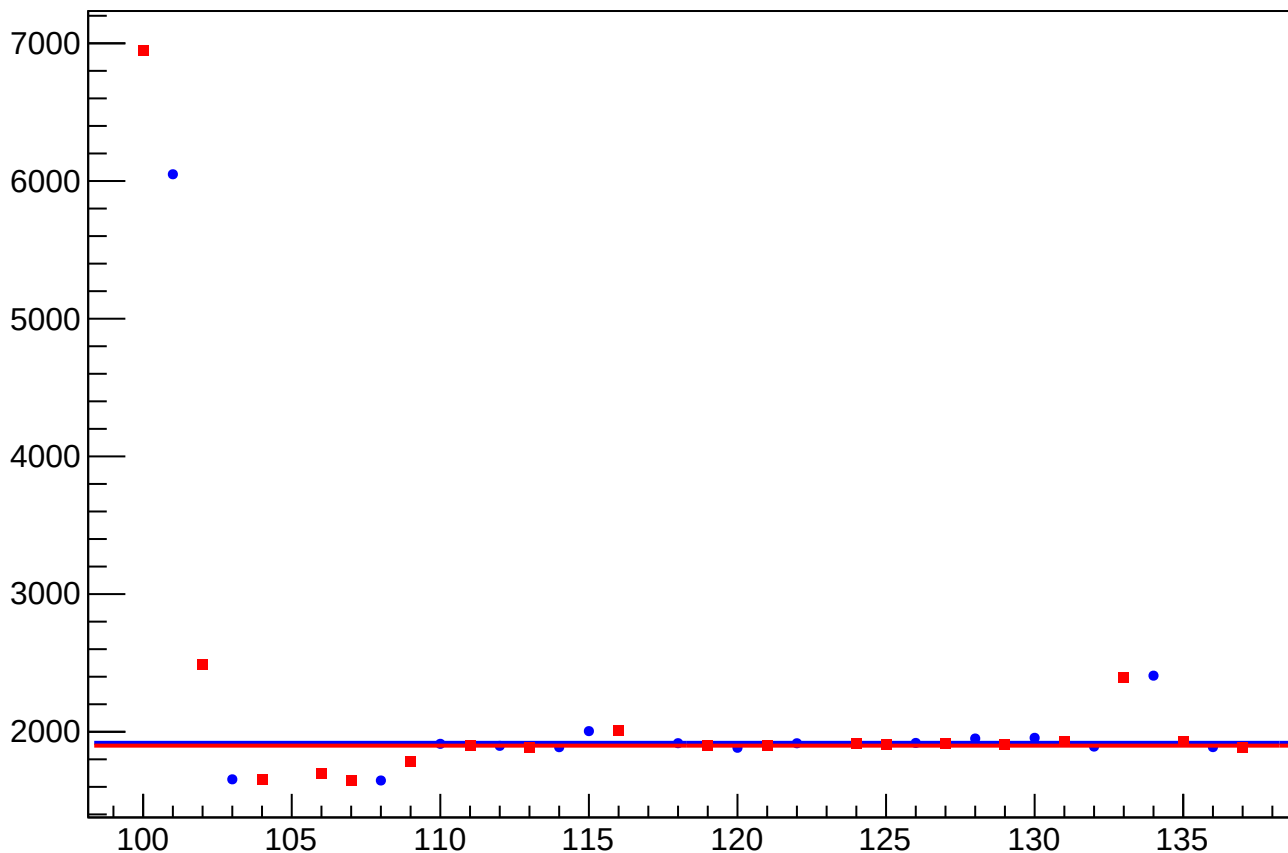
Right: 2701.966+/-509.691 χ^2/NDF : 29.1/34

In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.966+/-509.691 χ^2/NDF : 29.1/34

cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1899.364+/-0.502 χ^2/NDF : 215654.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

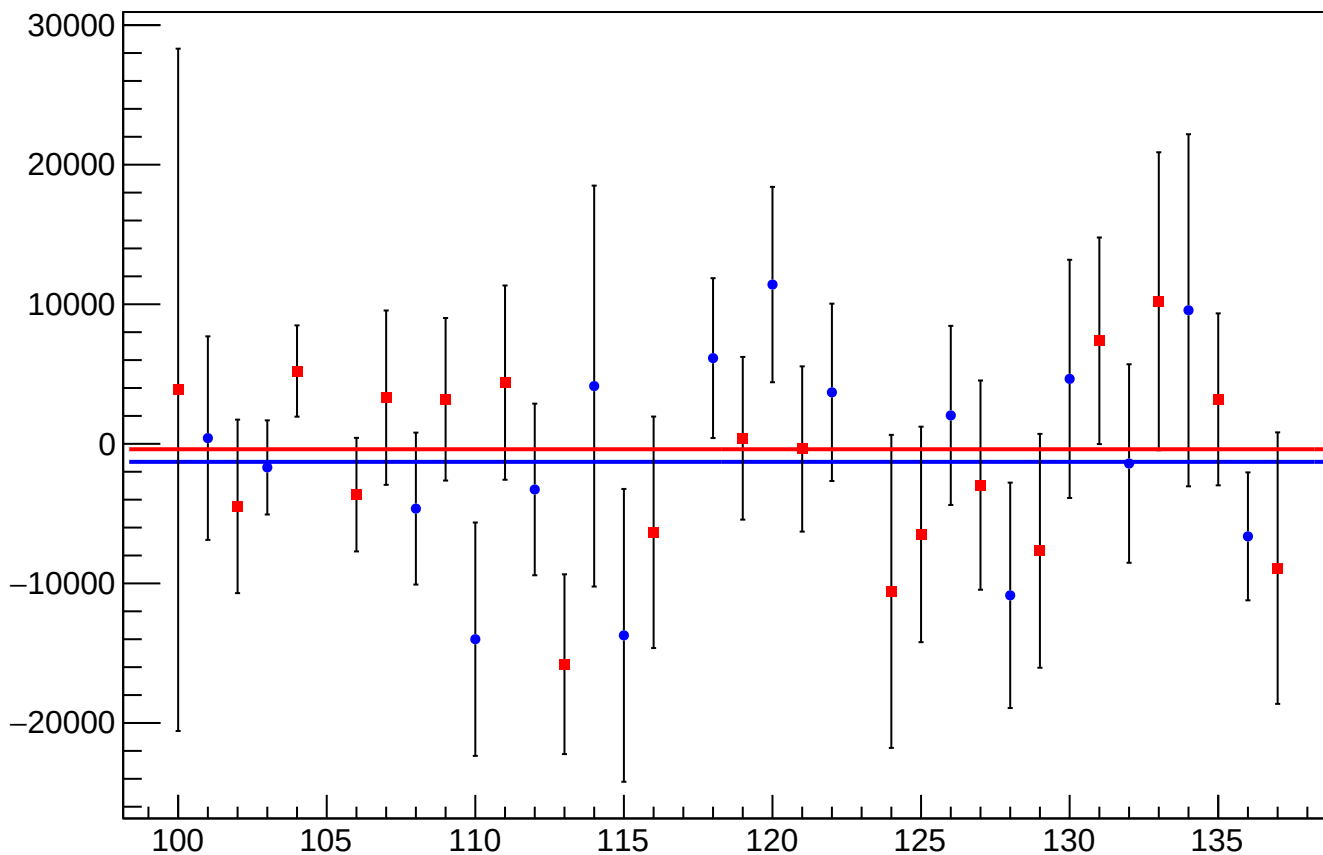
Right: 1909.293+/-0.360 χ^2/NDF : 913791.4/34

In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.293+/-0.360 χ^2/NDF : 913791.4/34

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1290.862 $\pm$ 1585.435 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -387.626 $\pm$ 1451.530 χ^2 /NDF: 17.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

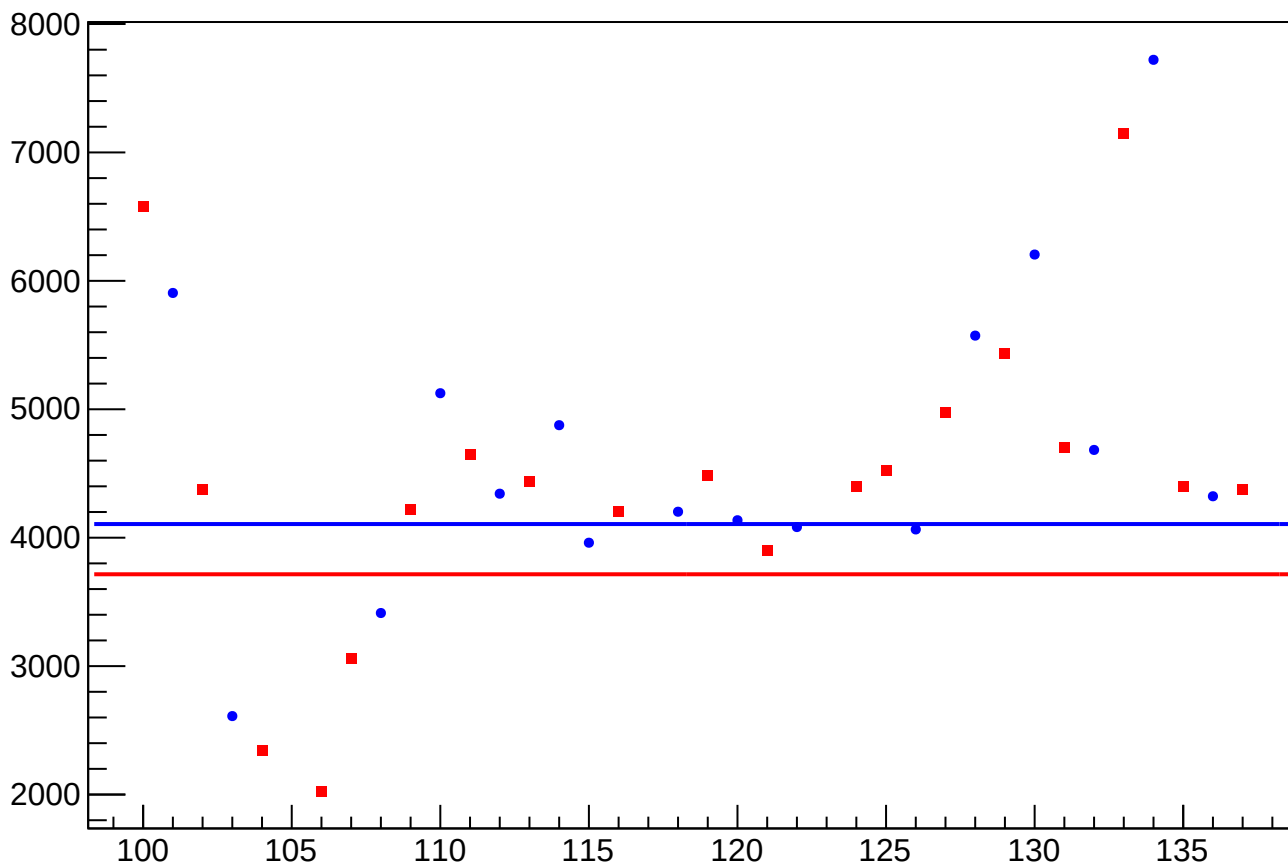
Right: -799.497 $\pm$ 1070.602 χ^2 /NDF: 31.4/34

In: -1290.862 $\pm$ 1585.435 χ^2 /NDF: 14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -799.497 $\pm$ 1070.602 χ^2 /NDF: 31.4/34

asym_atr_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3715.202+/-1.026 χ^2/NDF : 1335100.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

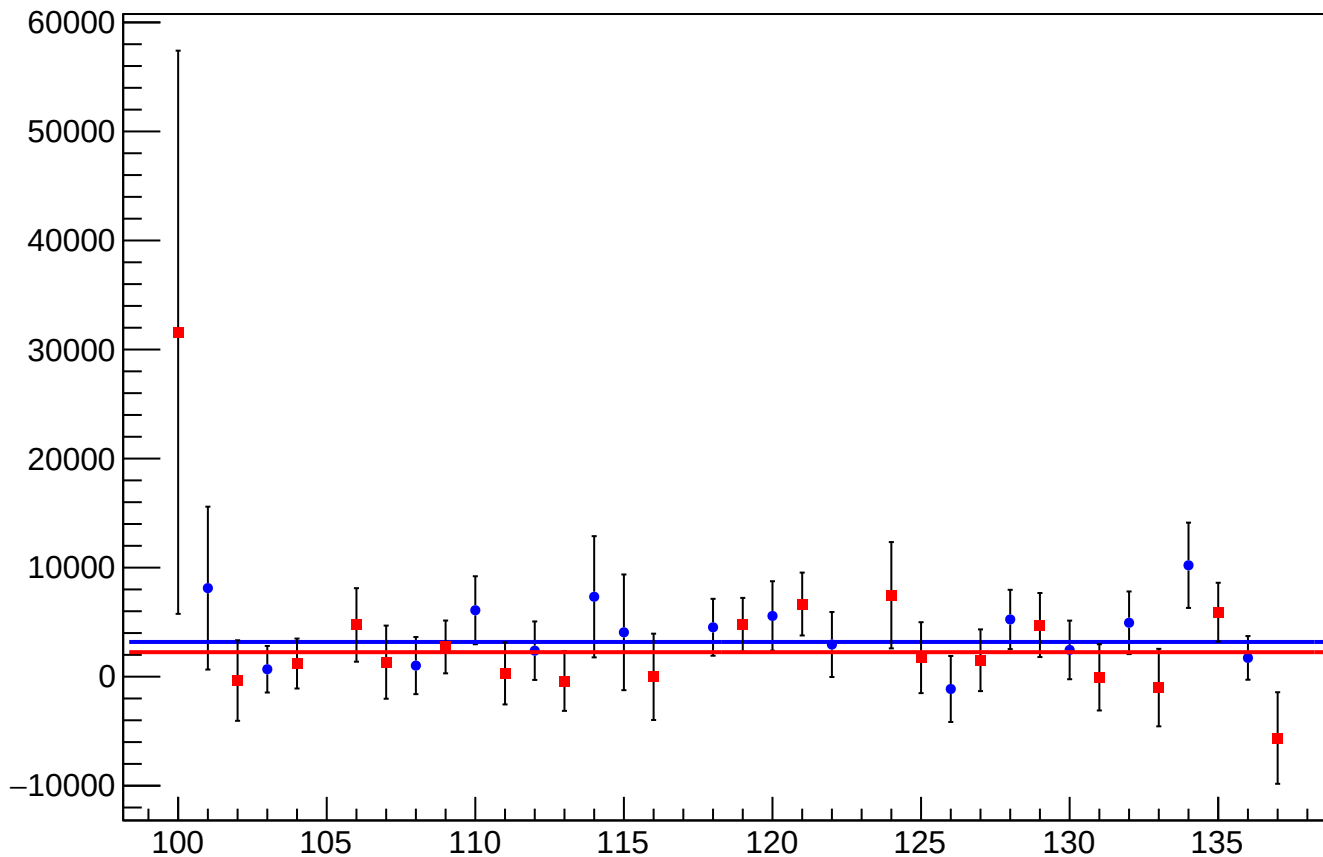
Right: 3893.510+/-0.757 χ^2/NDF : 2356917.1/34

In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3893.510+/-0.757 χ^2/NDF : 2356917.1/34

eigen_cor_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2247.193+/-710.916 χ^2/NDF : 16.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

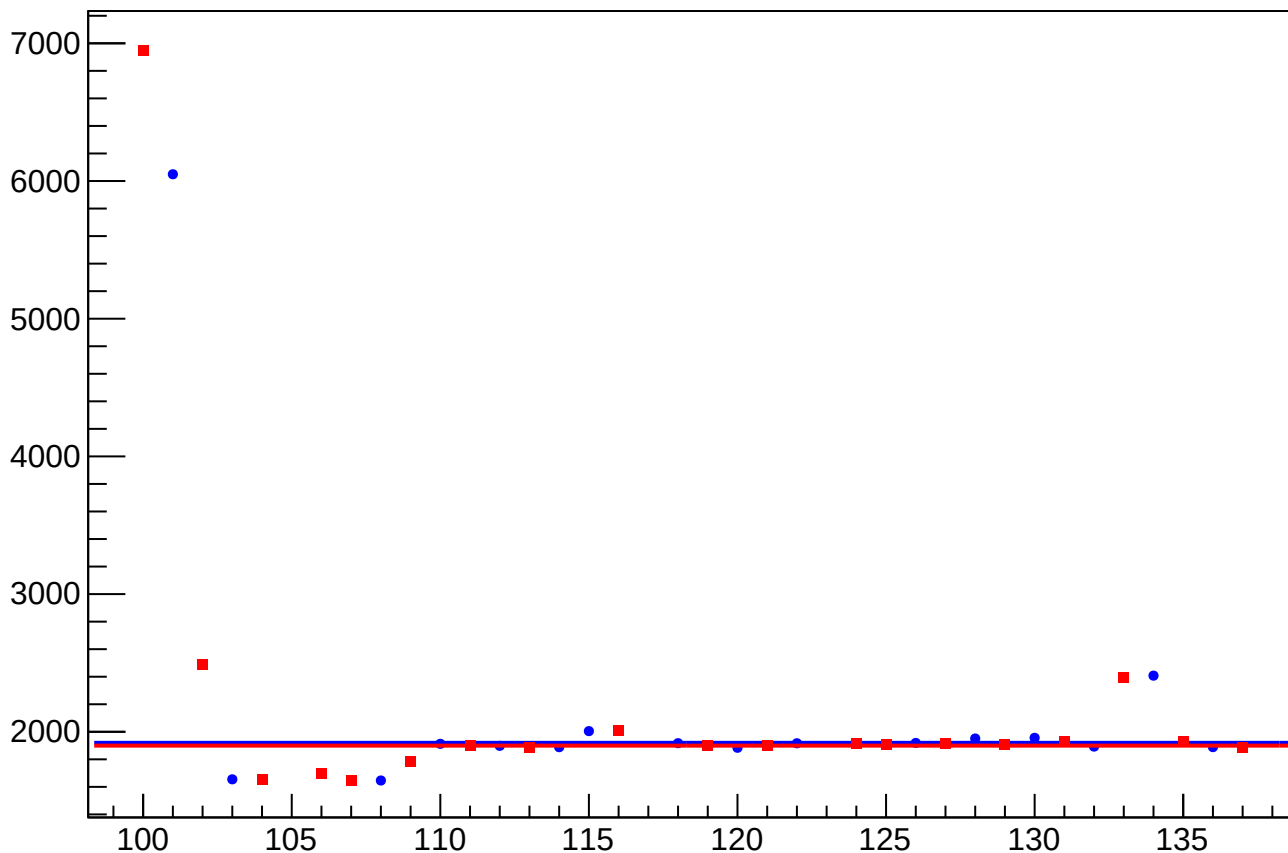
Right: 2701.966+/-509.691 χ^2/NDF : 29.1/34

In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2701.966+/-509.691 χ^2/NDF : 29.1/34

eigen_cor_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1899.364+/-0.502 χ^2/NDF : 215654.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

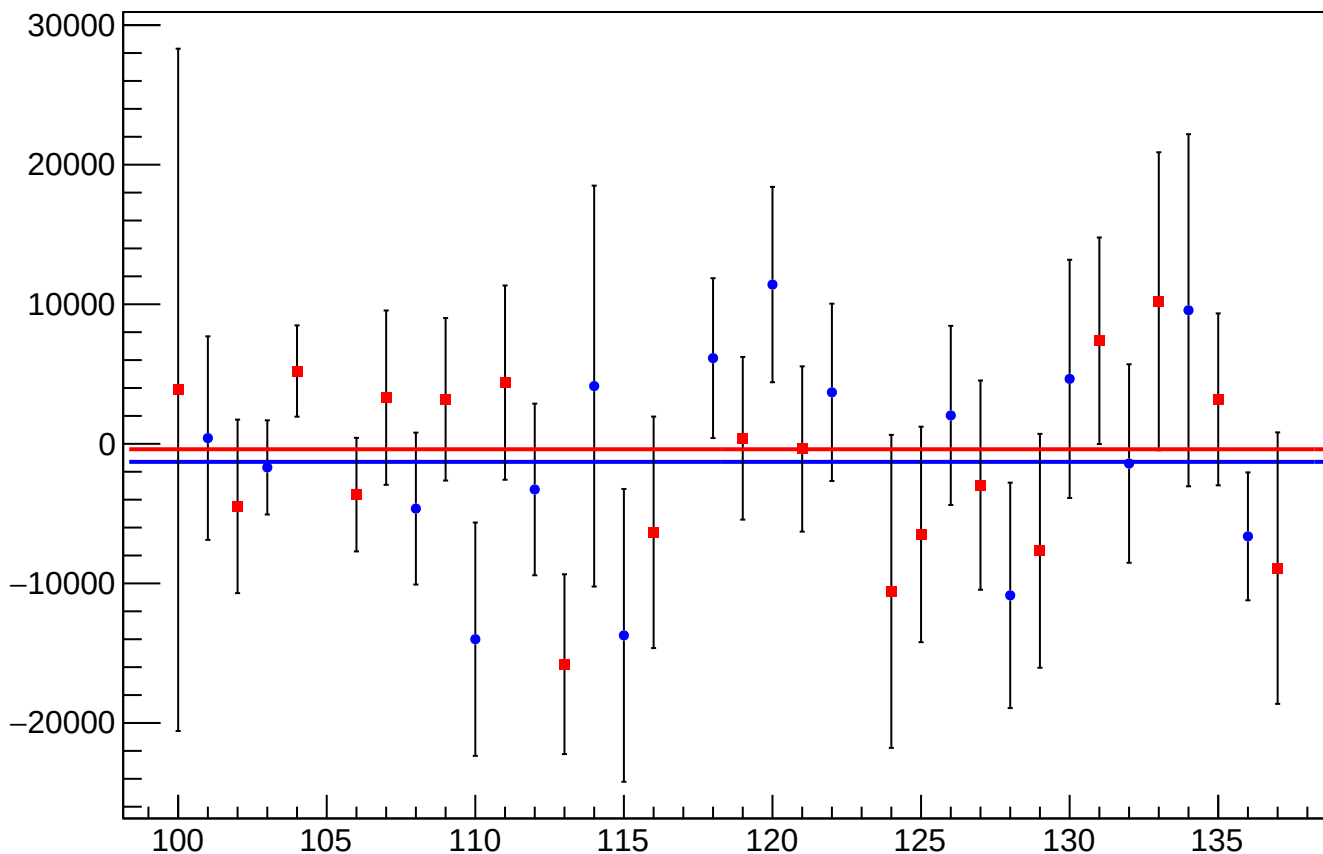
Right: 1909.293+/-0.360 χ^2/NDF : 913791.4/34

In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.293+/-0.360 χ^2/NDF : 913791.4/34

asym_atr_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1290.862 $\pm$ 1585.435 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -387.626 $\pm$ 1451.530 χ^2 /NDF: 17.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

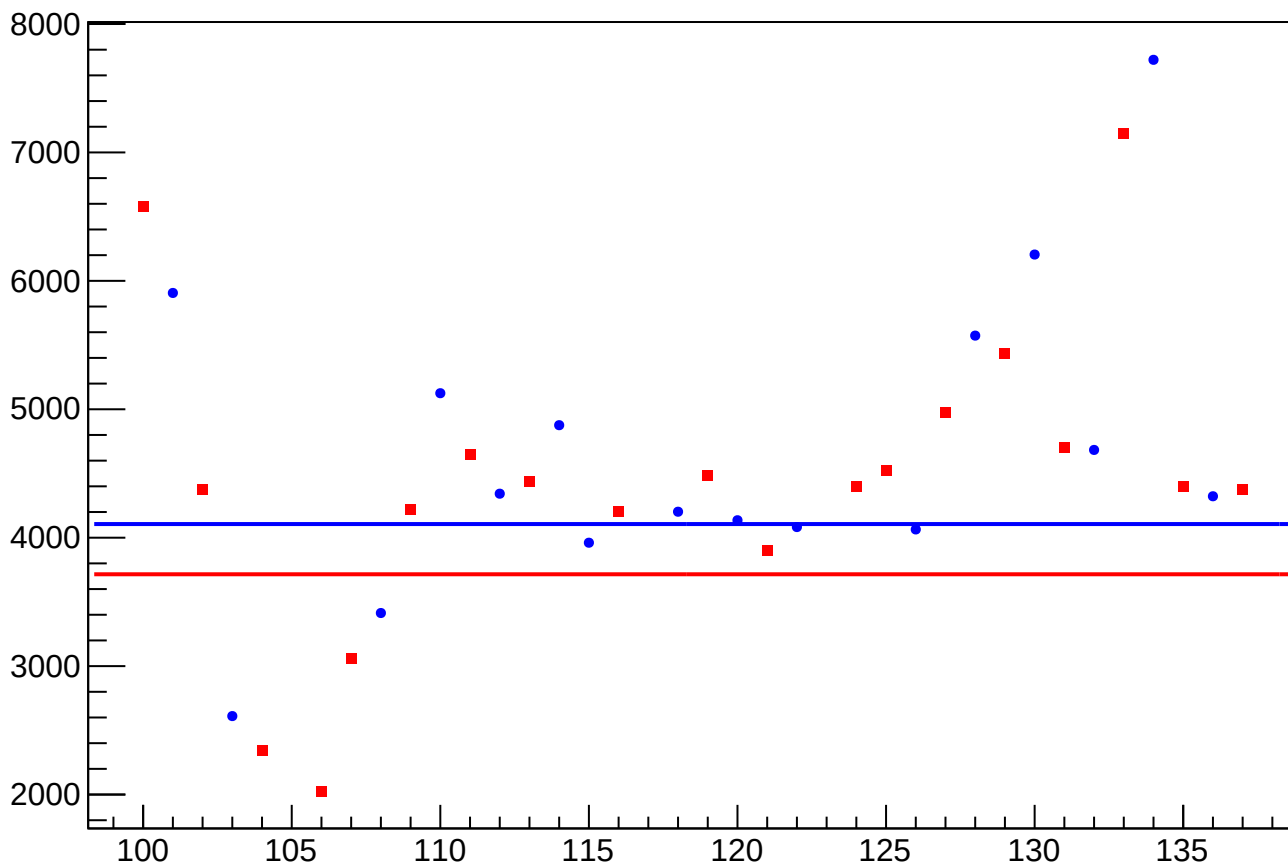
Right: -799.497 $\pm$ 1070.602 χ^2 /NDF: 31.4/34

In: -1290.862 $\pm$ 1585.435 χ^2 /NDF:14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -799.497 $\pm$ 1070.602 χ^2 /NDF: 31.4/34

asym_atr_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3715.202+/-1.026 χ^2/NDF : 1335100.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

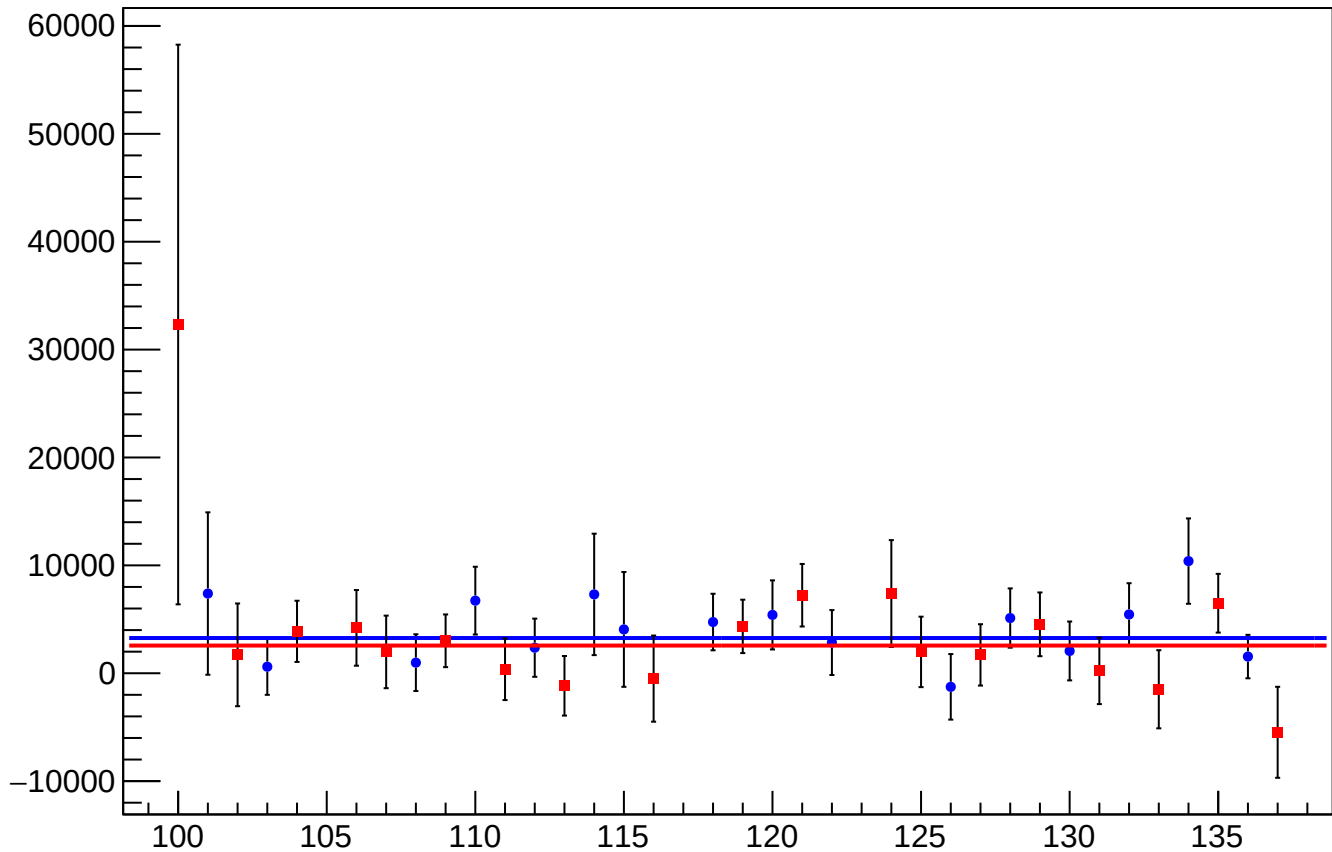
Right: 3893.510+/-0.757 χ^2/NDF : 2356917.1/34

In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3893.510+/-0.757 χ^2/NDF : 2356917.1/34

dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3264.639+/-750.865 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2566.683+/-734.876 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

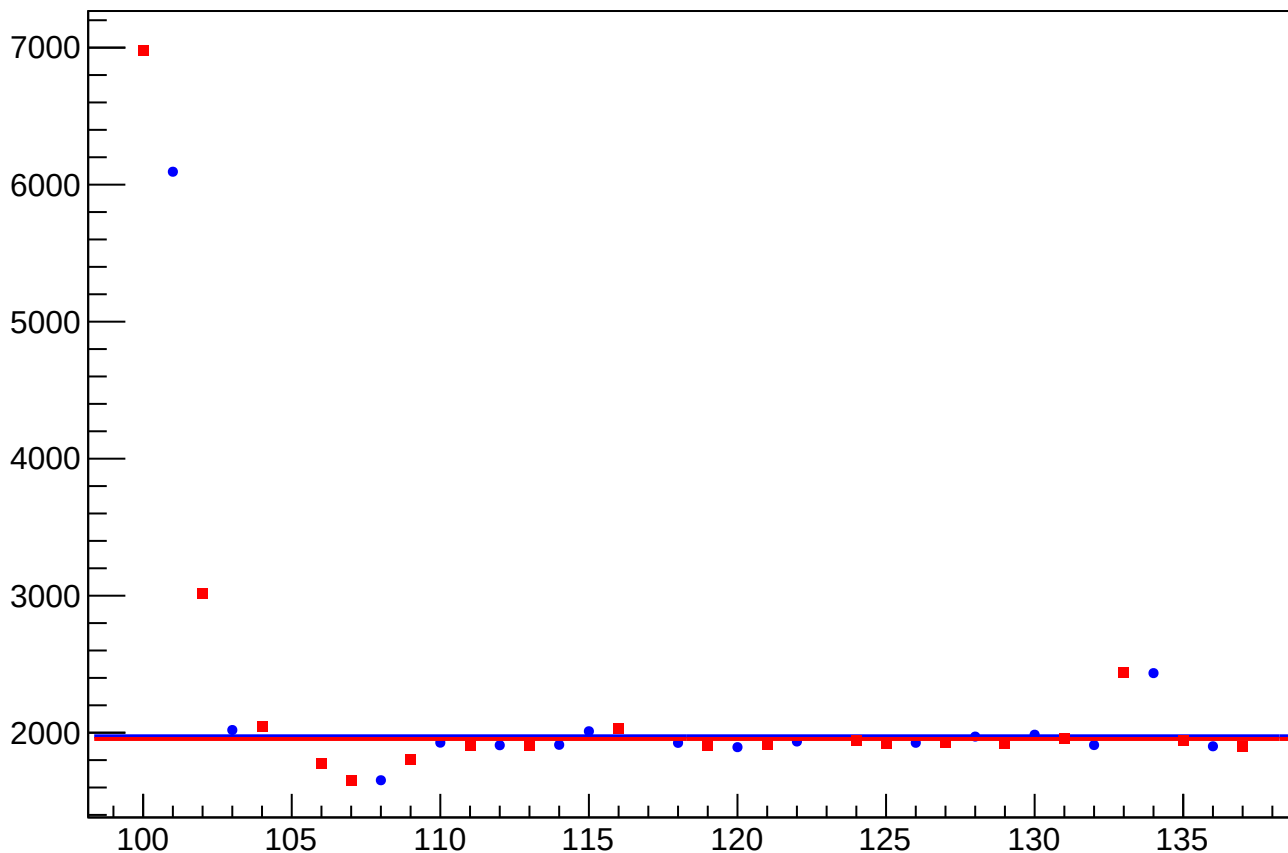
Right: 2908.151+/-525.197 χ^2/NDF : 29.6/34

In: 3264.639+/-750.865 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2908.151+/-525.197 χ^2/NDF : 29.6/34

dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1973.748+/-0.531 χ^2/NDF : 665124.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1954.339+/-0.519 χ^2/NDF : 246211.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

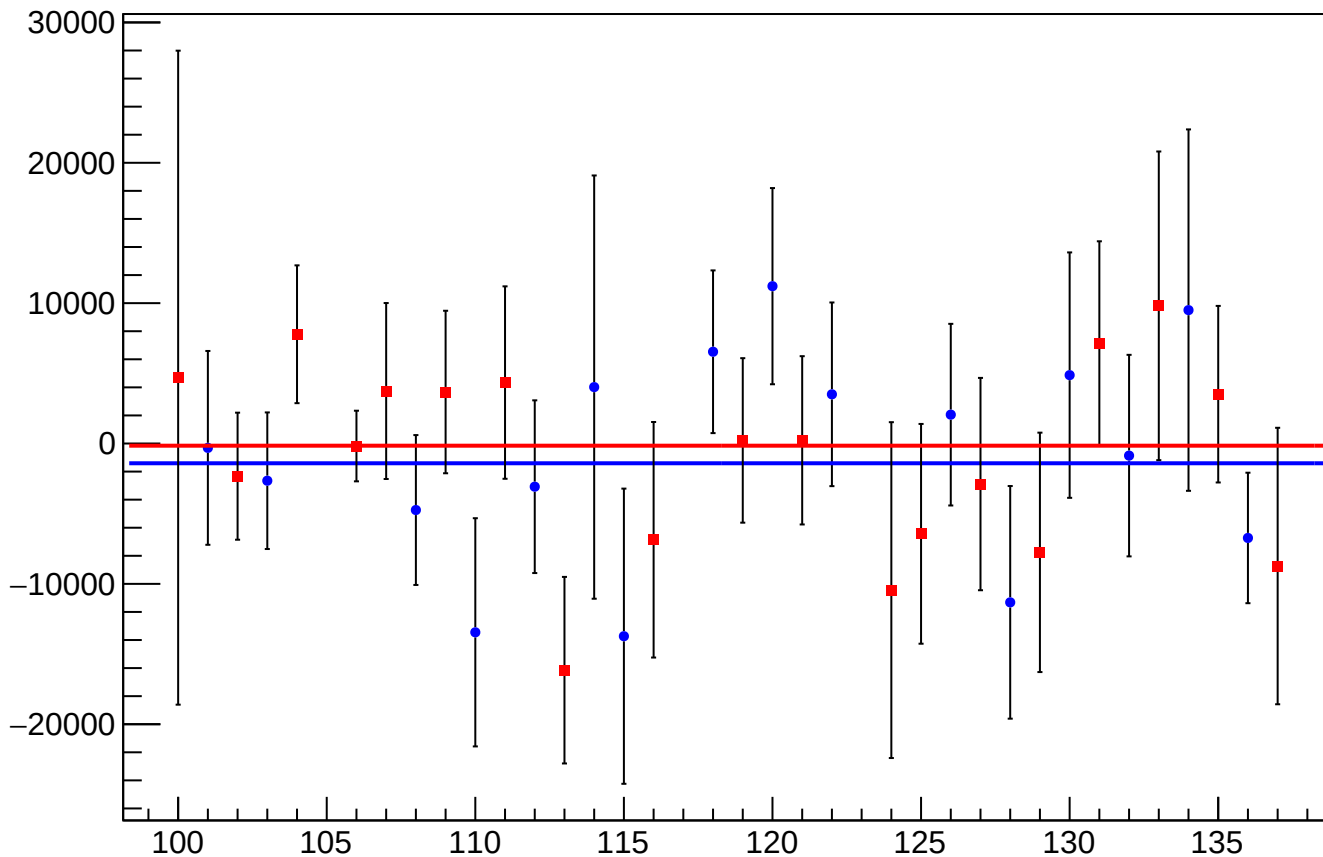
Right: 1963.826+/-0.371 χ^2/NDF : 912018.7/34

In: 1973.748+/-0.531 χ^2/NDF : 665124.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.826+/-0.371 χ^2/NDF : 912018.7/34

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.382+/-1689.989 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.271+/-1363.642 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

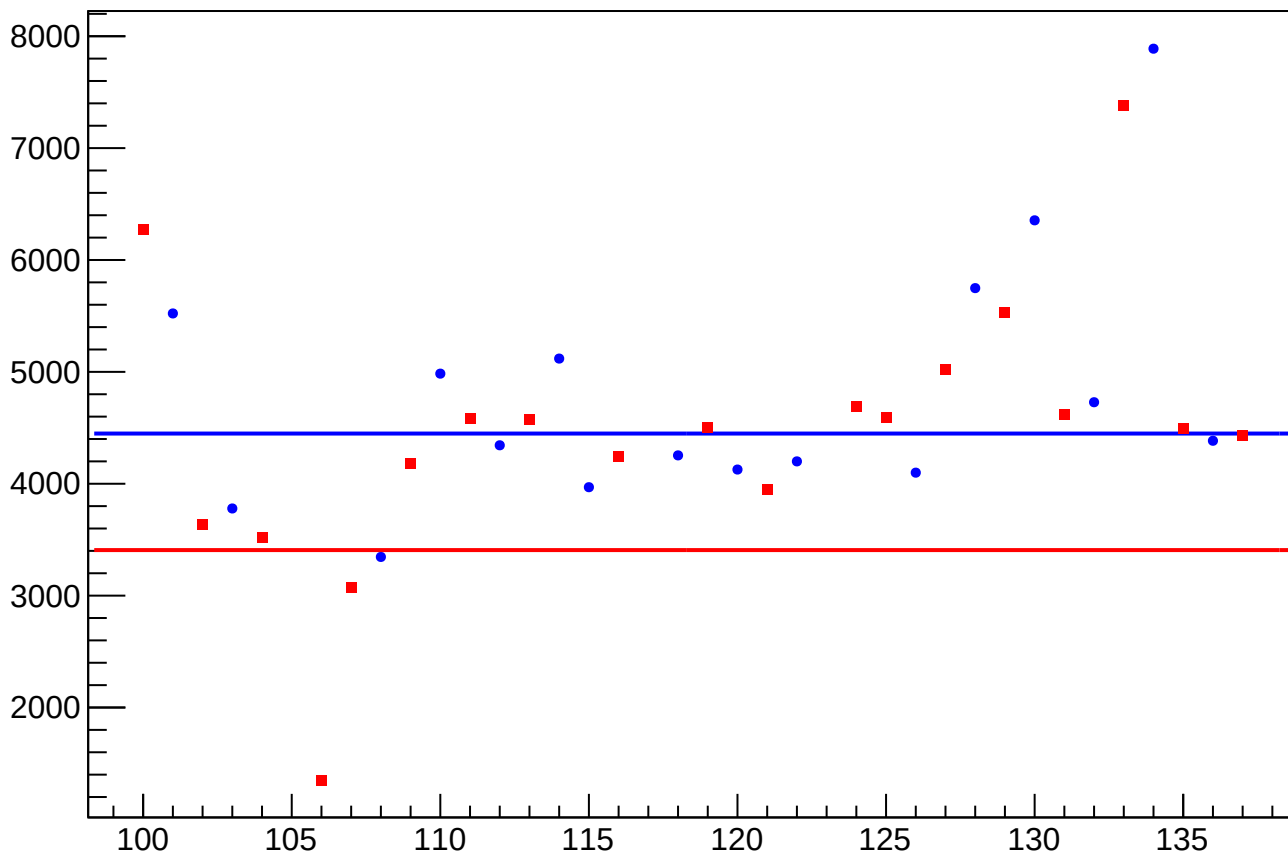
Right: -649.023+/-1061.247 χ^2/NDF : 30.4/34

In: -1407.382+/-1689.989 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -649.023+/-1061.247 χ^2/NDF : 30.4/34

asym_atr_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4448.711+/-1.195 χ^2/NDF : 494613.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3407.128+/-0.964 χ^2/NDF : 2326060.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

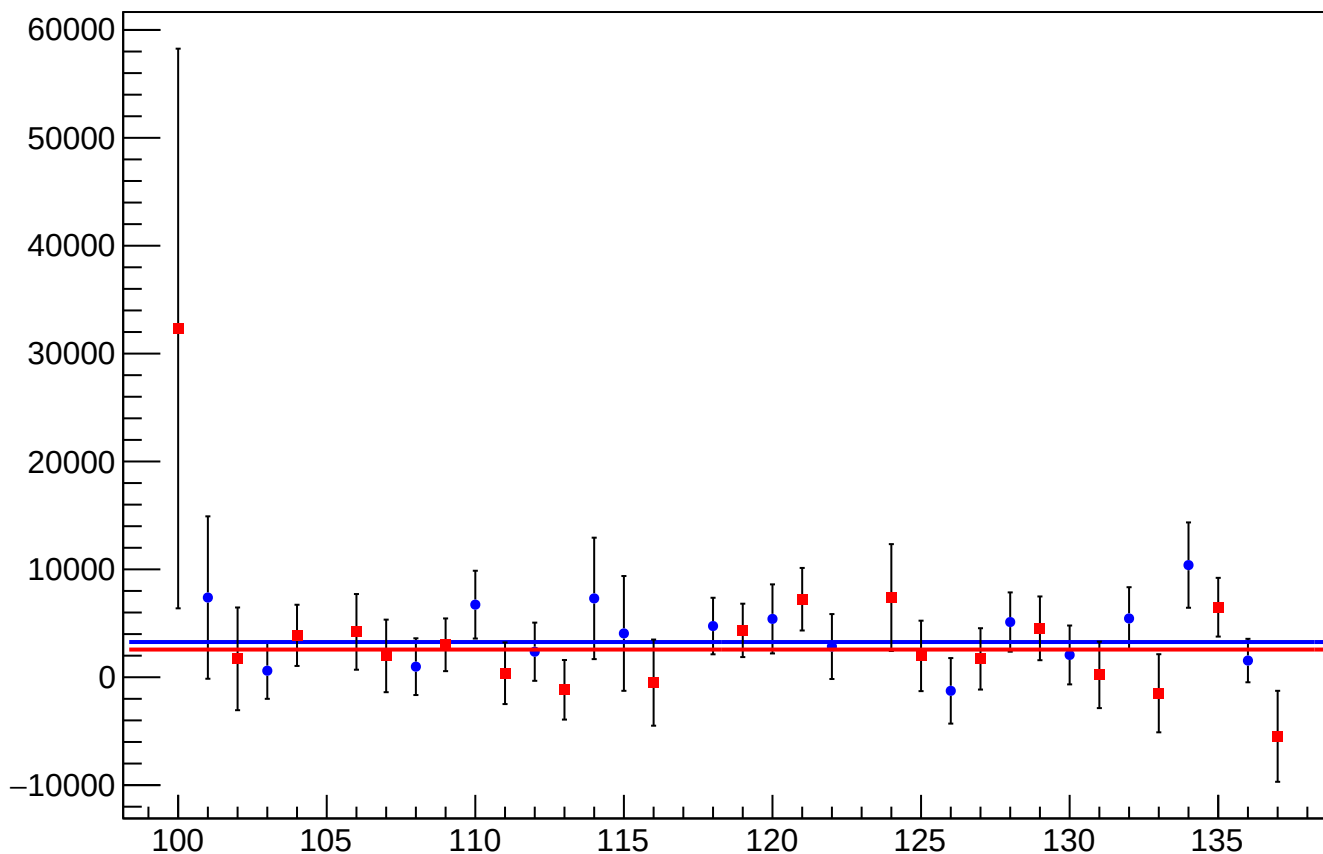
Right: 3817.861+/-0.750 χ^2/NDF : 3280806.0/34

In: 4448.711+/-1.195 χ^2/NDF : 494613.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3817.861+/-0.750 χ^2/NDF : 3280806.0/34

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 3264.644+/-750.865 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2566.689+/-734.875 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

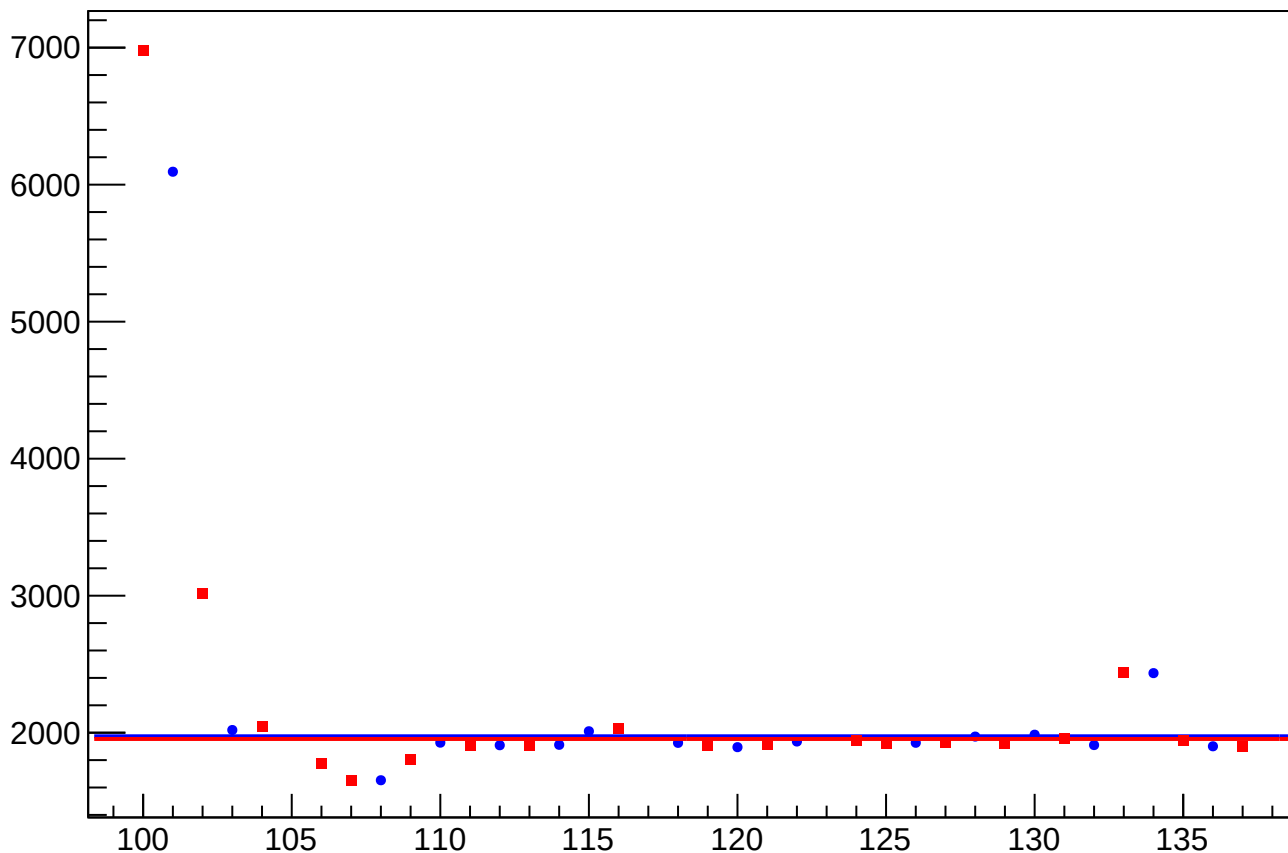
Right: 2908.156+/-525.197 χ^2/NDF : 29.6/34

In: 3264.644+/-750.865 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2908.156+/-525.197 χ^2/NDF : 29.6/34

eigen_dit_asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 1973.748+/-0.531 χ^2/NDF : 665124.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1954.339+/-0.519 χ^2/NDF : 246210.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

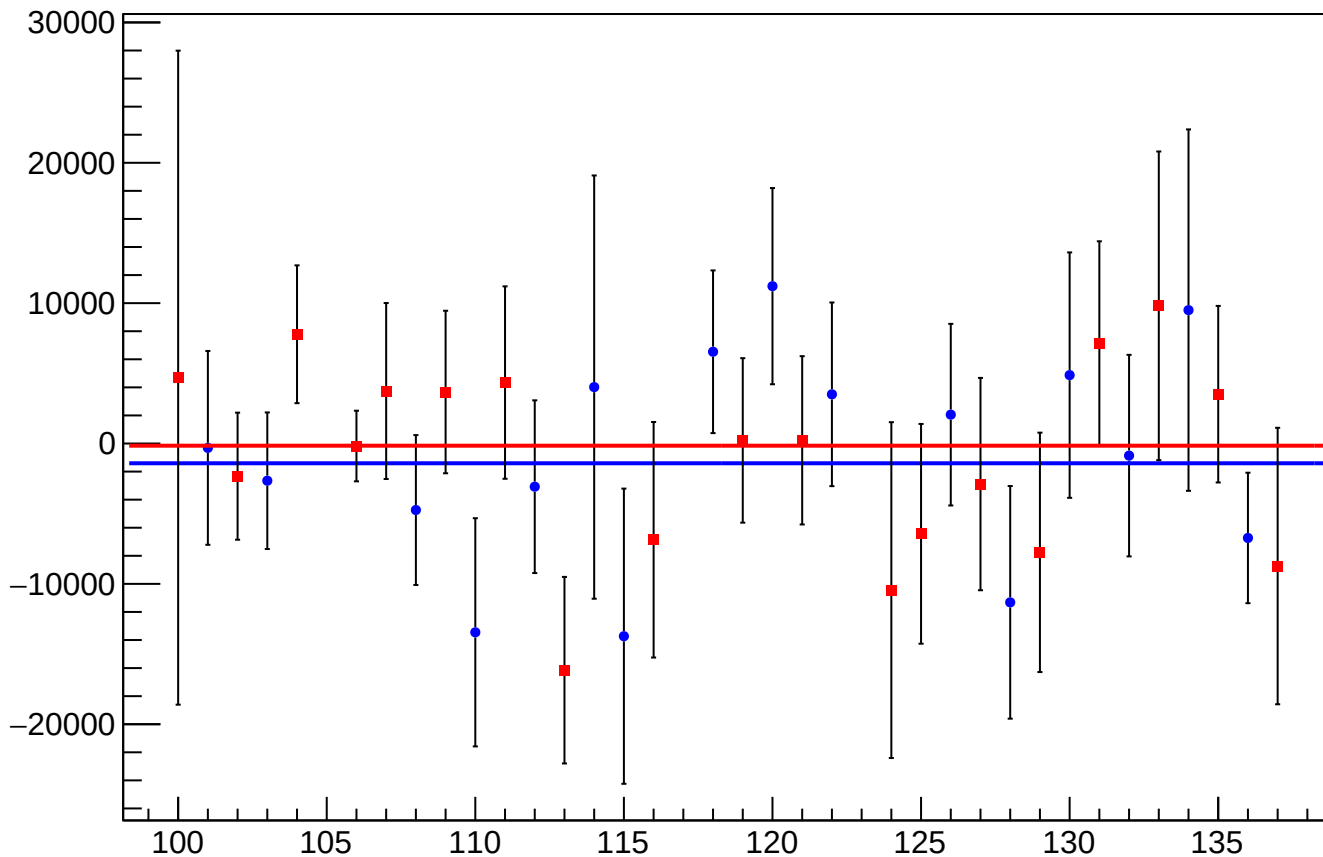
Right: 1963.826+/-0.371 χ^2/NDF : 912018.2/34

In: 1973.748+/-0.531 χ^2/NDF : 665124.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1963.826+/-0.371 χ^2/NDF : 912018.2/34

asym_atr_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.363+/-1689.986 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -155.272+/-1363.639 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

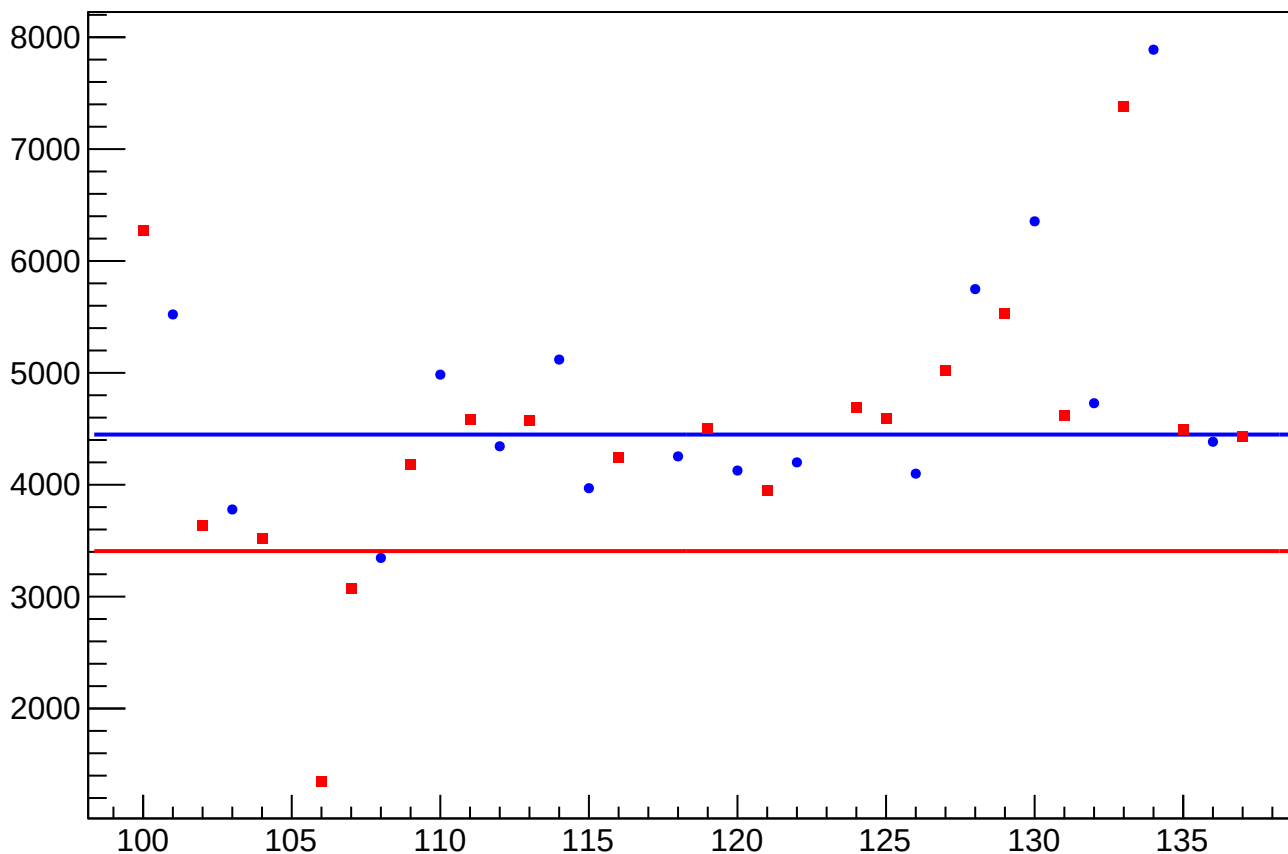
Right: -649.016+/-1061.245 χ^2/NDF : 30.4/34

In: -1407.363+/-1689.986 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -649.016+/-1061.245 χ^2/NDF : 30.4/34

asym_atr_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4448.704+/-1.195 χ^2/NDF : 494610.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3407.120+/-0.964 χ^2/NDF : 2326064.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

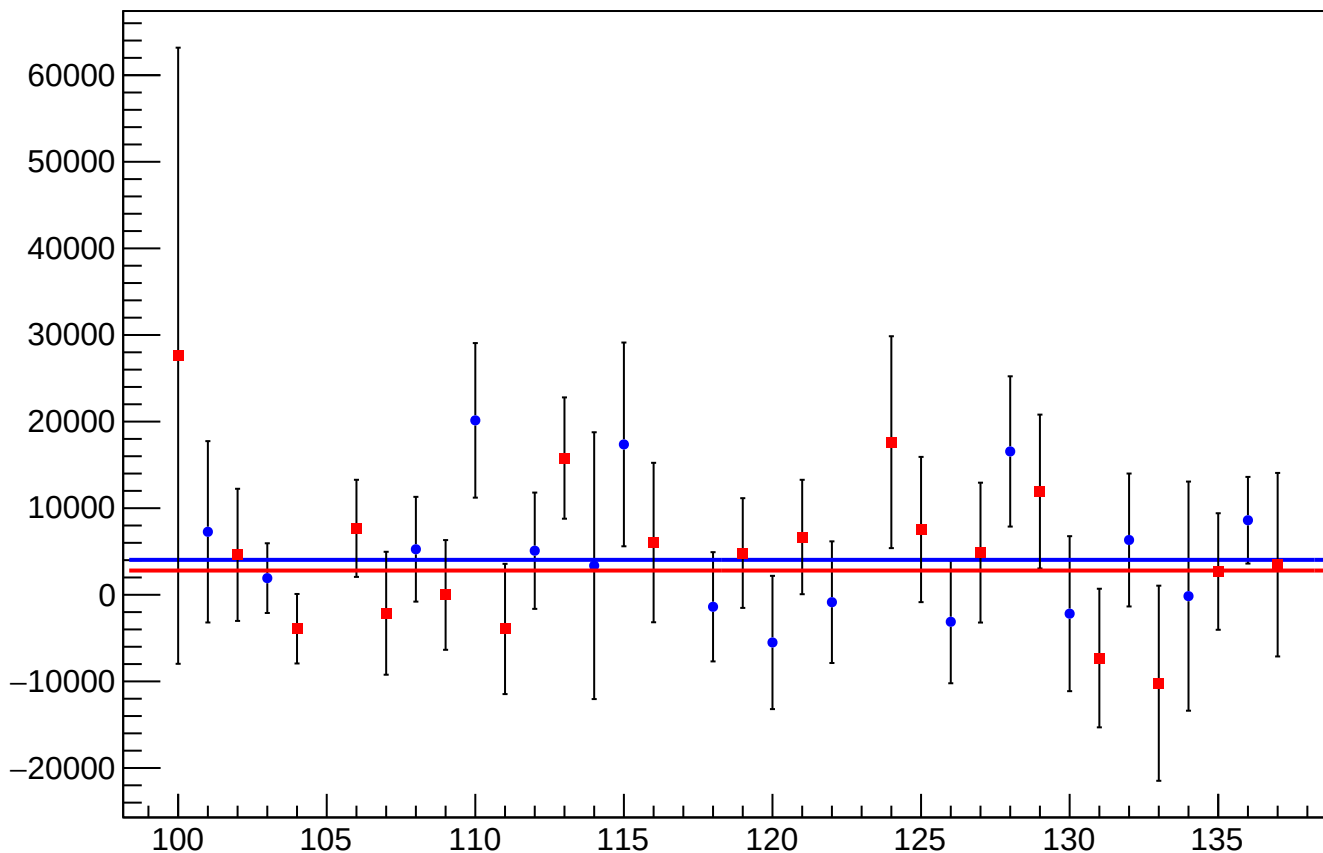
Right: 3817.853+/-0.750 χ^2/NDF : 3280809.4/34

In: 4448.704+/-1.195 χ^2/NDF :494610.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3817.853+/-0.750 χ^2/NDF : 3280809.4/34

asym_atr_avg_mean vs Slug, Sign Corrected



Right In: 4034.572+/-1782.030 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2800.547+/-1671.877 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

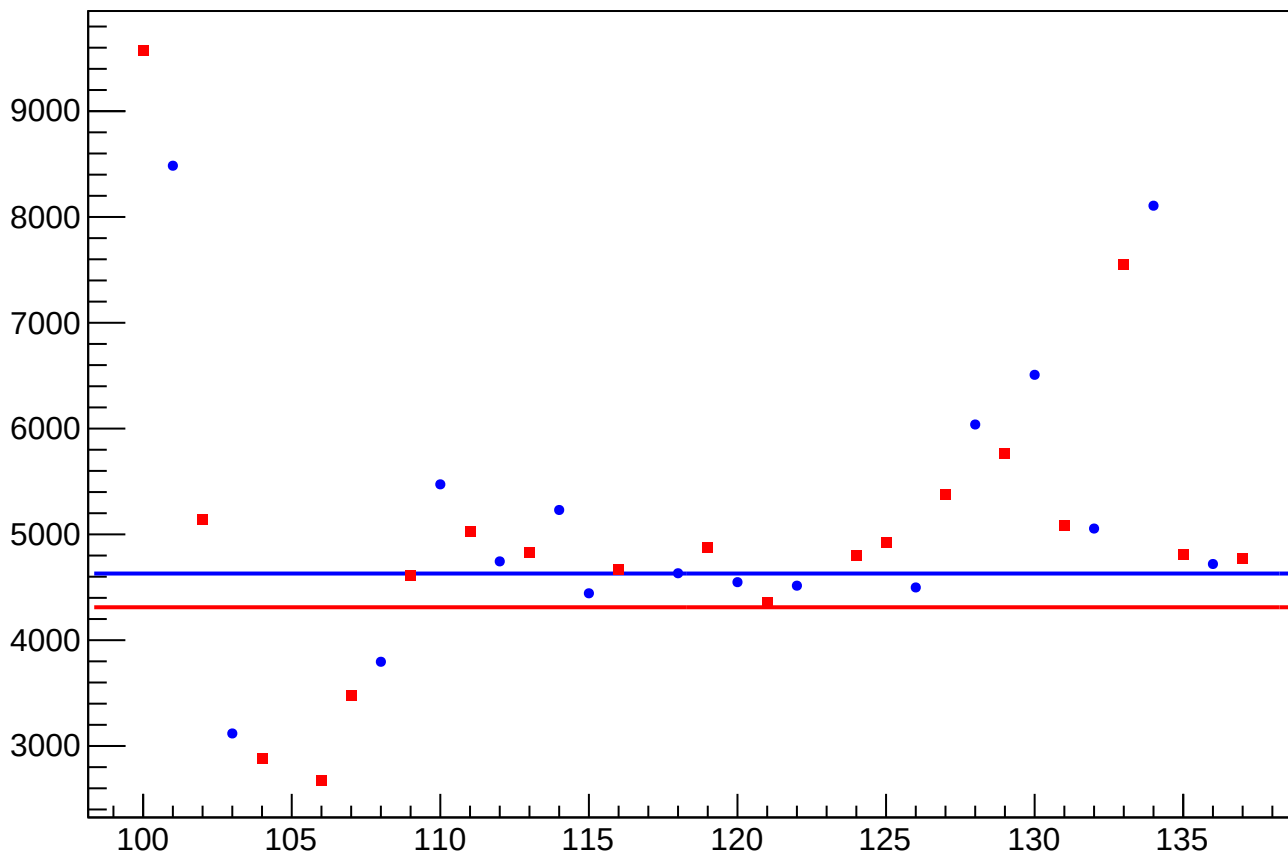
Right: 3378.243+/-1219.278 χ^2/NDF : 28.0/34

In: 4034.572+/-1782.030 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3378.243+/-1219.278 χ^2/NDF : 28.0/34

asym_atr_avg_rms vs Slug, Sign Corrected



Right In: 4629.967+/-1.260 χ^2/NDF : 900246.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4311.218+/-1.172 χ^2/NDF : 904737.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

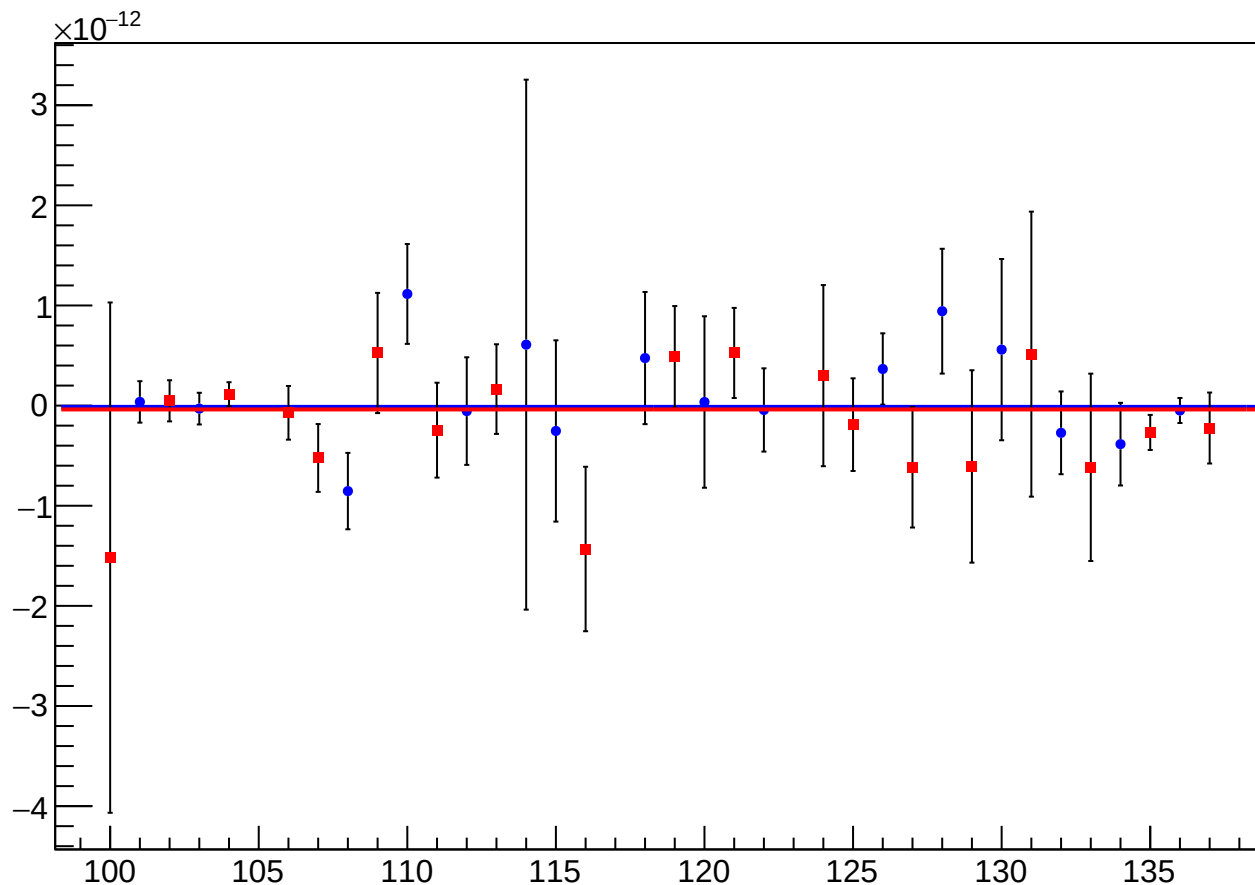
Right: 4459.059+/-0.858 χ^2/NDF : 1839292.8/34

In: 4629.967+/-1.260 χ^2/NDF : 900246.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4459.059+/-0.858 χ^2/NDF : 1839292.8/34

asym_atr_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

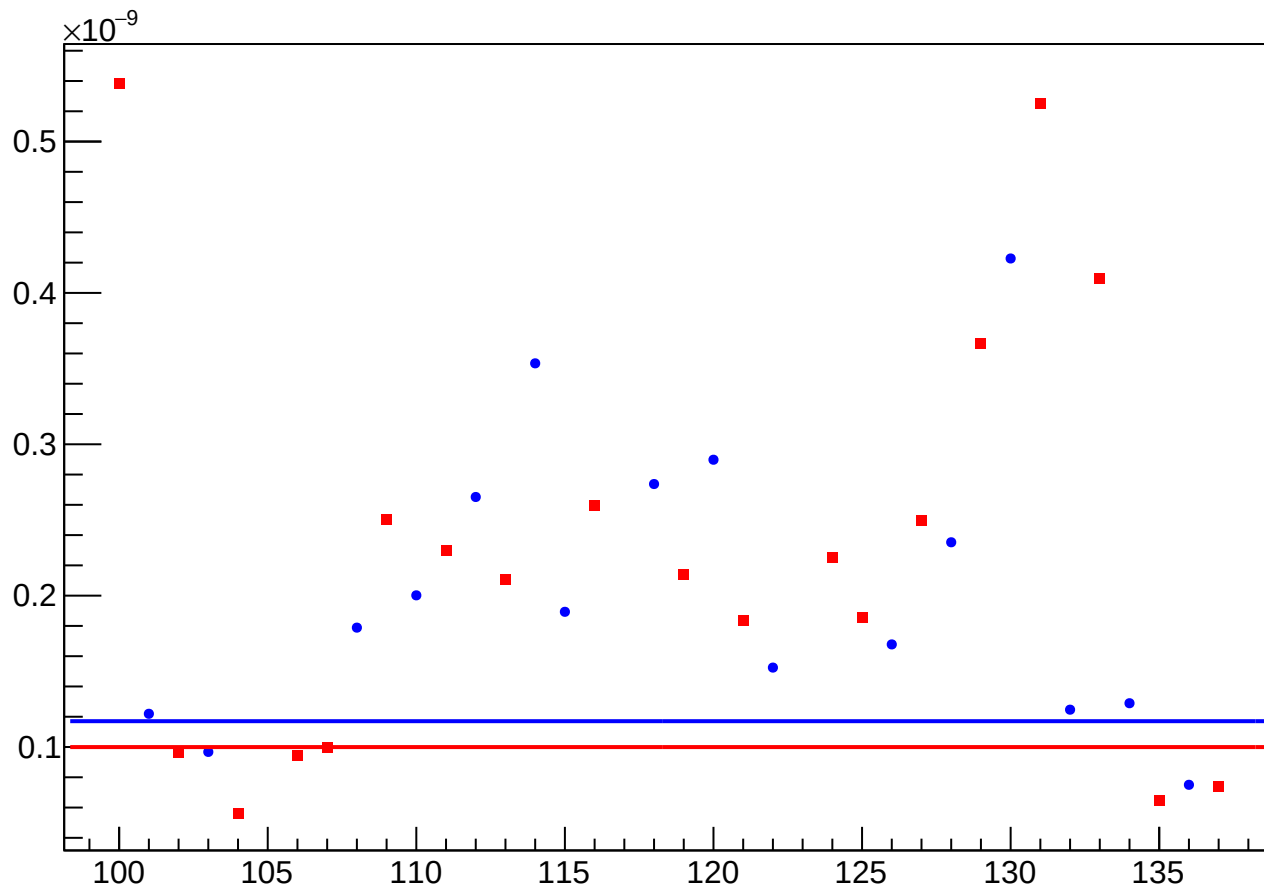
Right: -0.000+/-0.000 χ^2/NDF : 30.9/34

In: -0.000+/-0.000 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/34

asym_atr_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1100462.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1844111.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

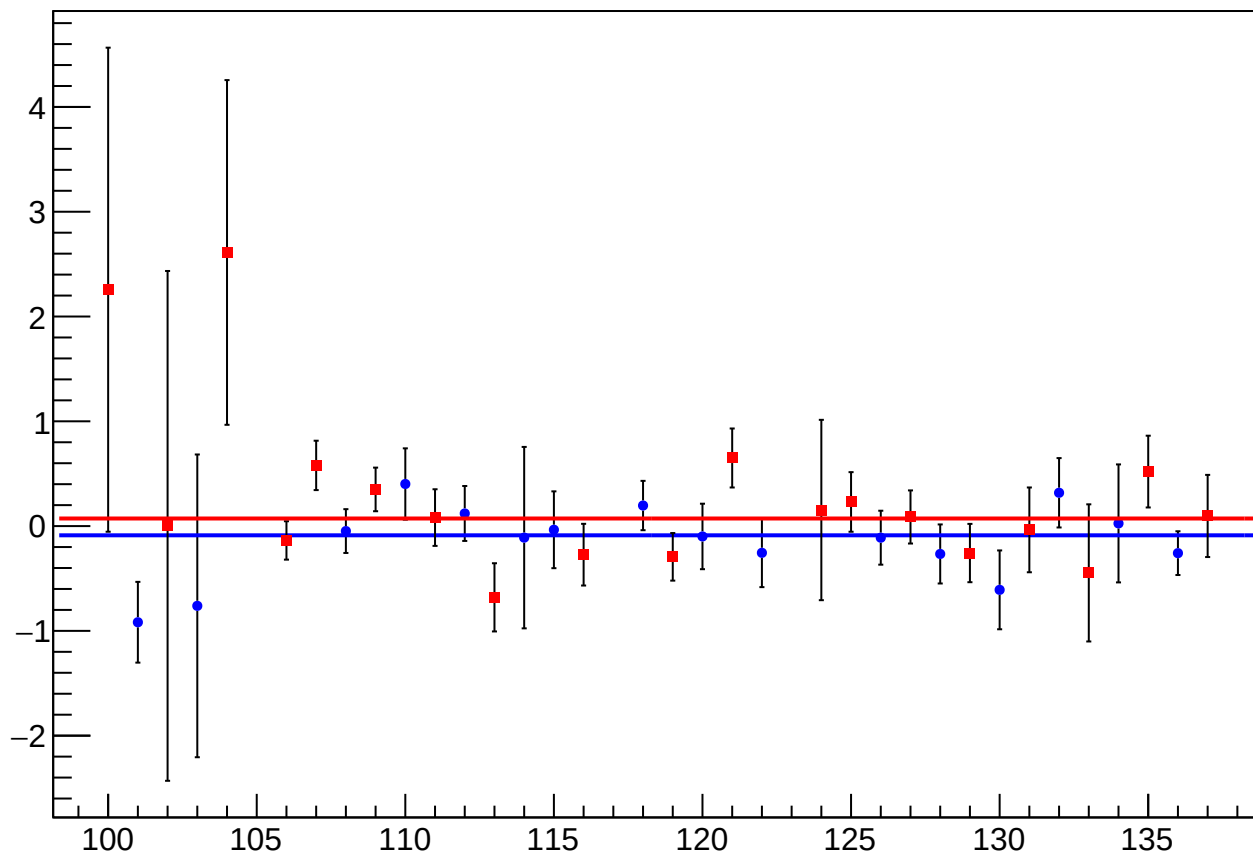
Right: 0.000+/-0.000 χ^2/NDF : 2997940.6/34

In: 0.000+/-0.000 χ^2/NDF : 1100462.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2997940.6/34

asym_atr_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.070 χ^2/NDF : 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

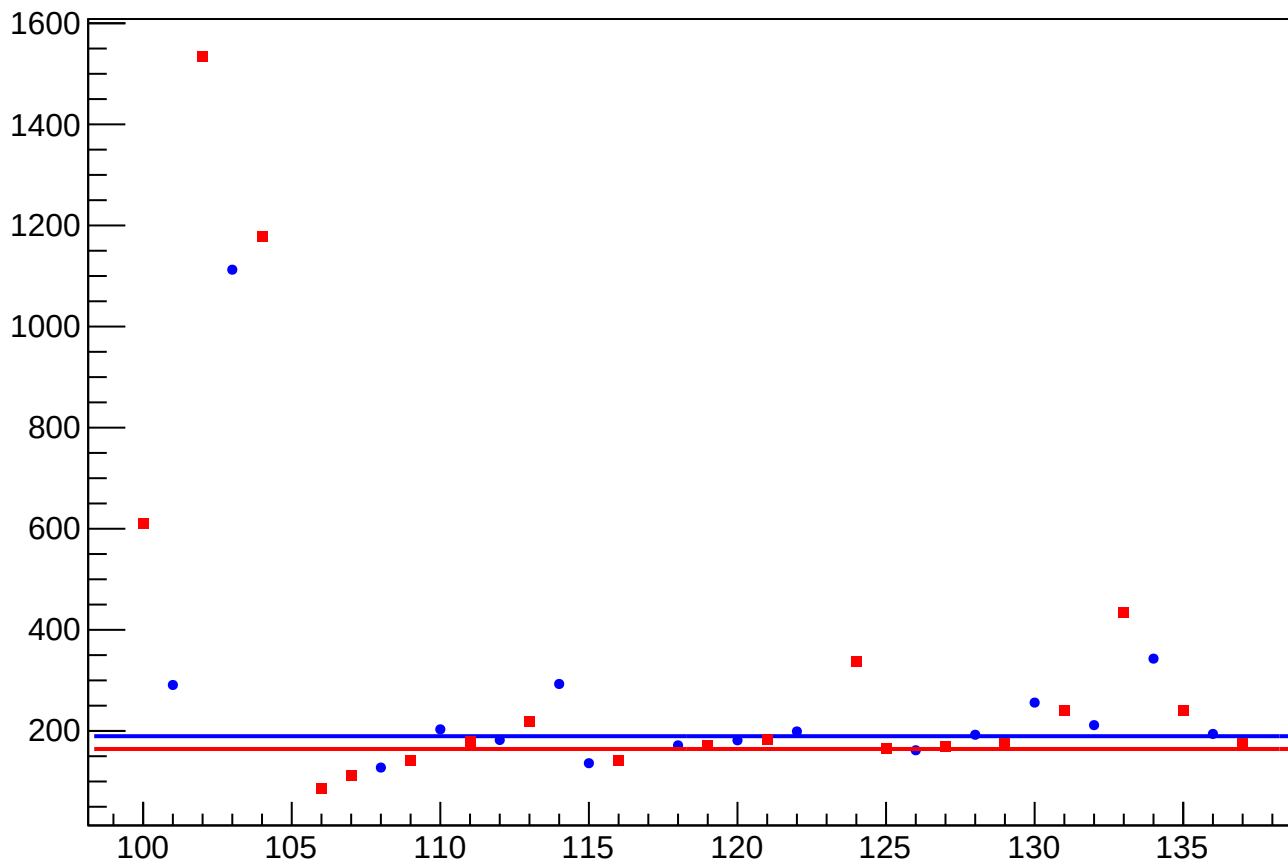
Right: -0.000+/-0.052 χ^2/NDF : 44.9/34

In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.052 χ^2/NDF : 44.9/34

asym_atr_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.628+/-0.054 χ^2/NDF : 1465476.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.287+/-0.050 χ^2/NDF : 2643490.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

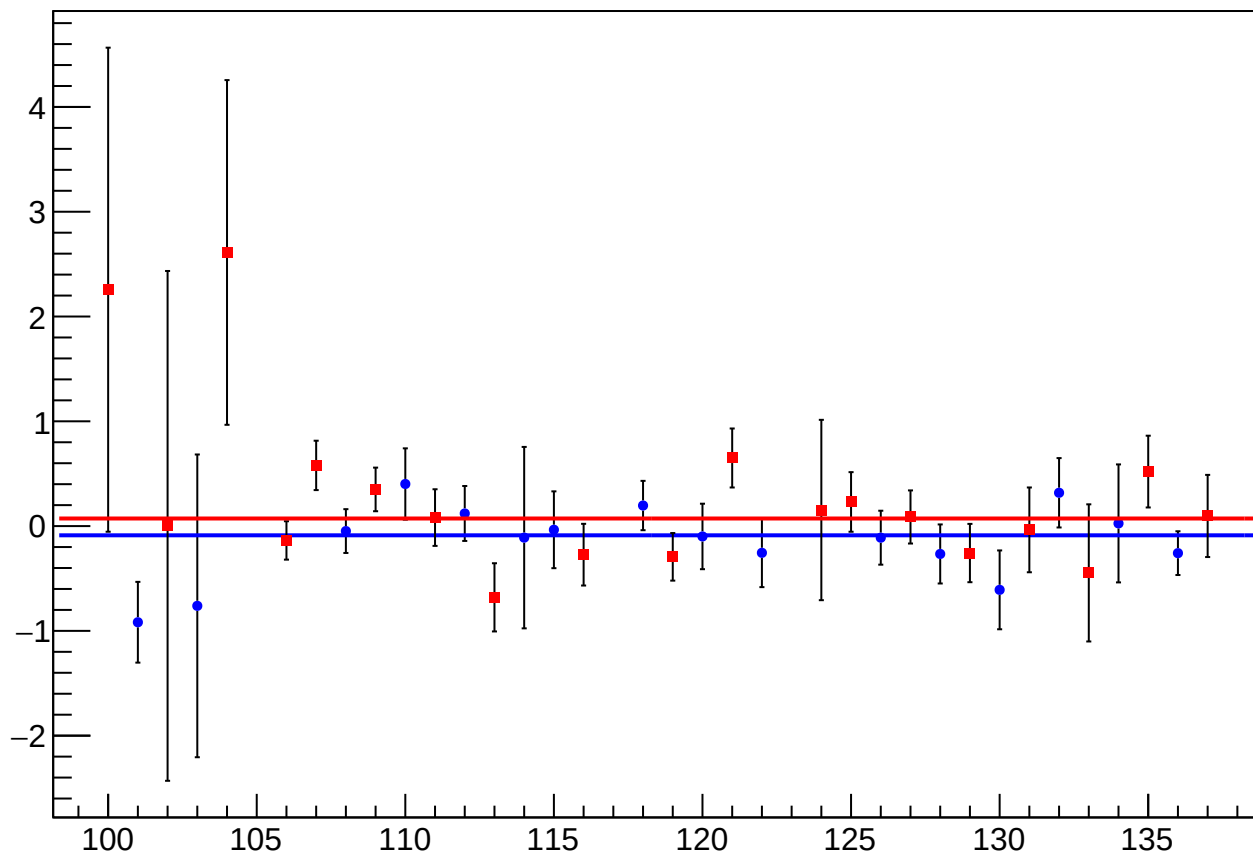
Right: 175.794+/-0.037 χ^2/NDF : 4227942.3/34

In: 189.628+/-0.054 χ^2/NDF :1465476.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.794+/-0.037 χ^2/NDF : 4227942.3/34

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.072+/-0.070 χ^2/NDF : 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

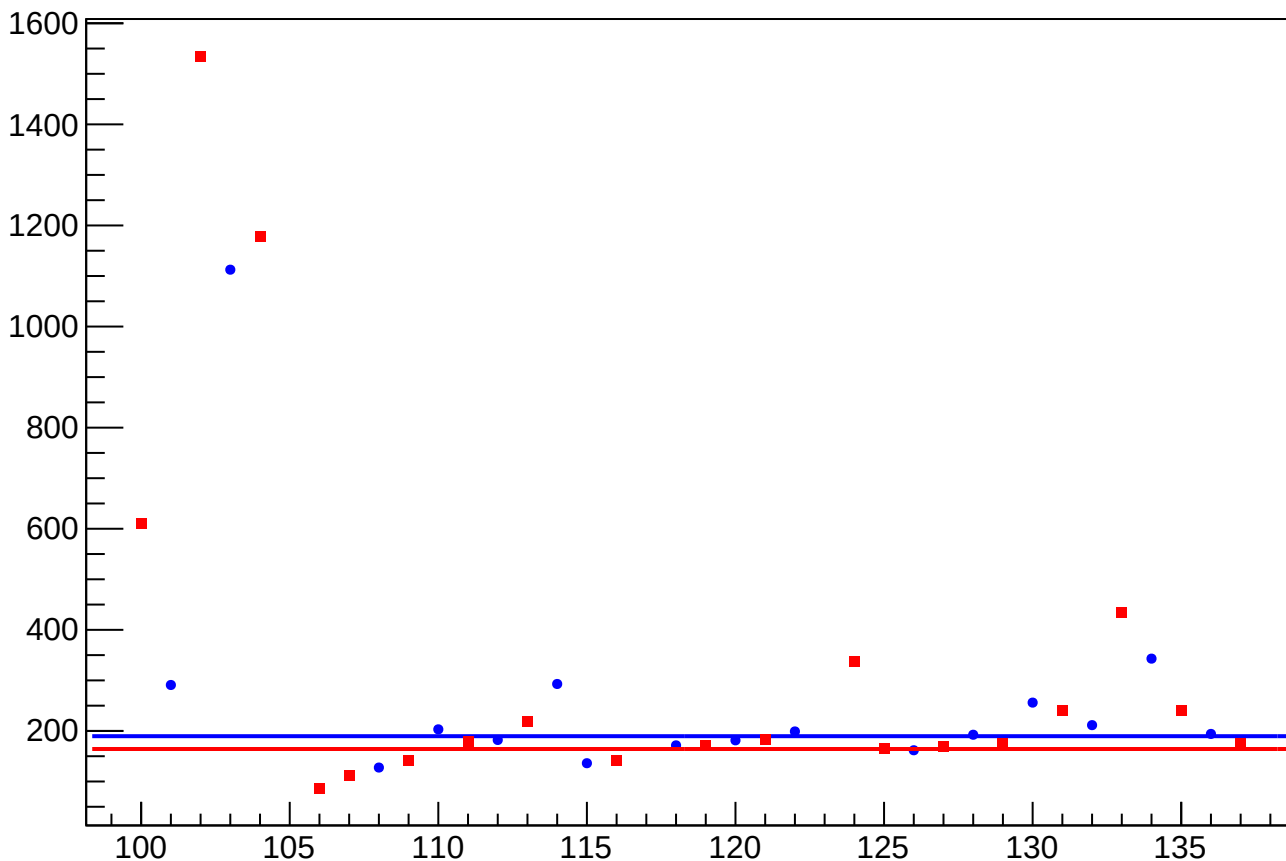
Right: -0.000+/-0.052 χ^2/NDF : 44.9/34

In: -0.088+/-0.077 χ^2/NDF :13.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.052 χ^2/NDF : 44.9/34

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.628+/-0.054 χ^2/NDF : 1465476.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.287+/-0.050 χ^2/NDF : 2643490.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

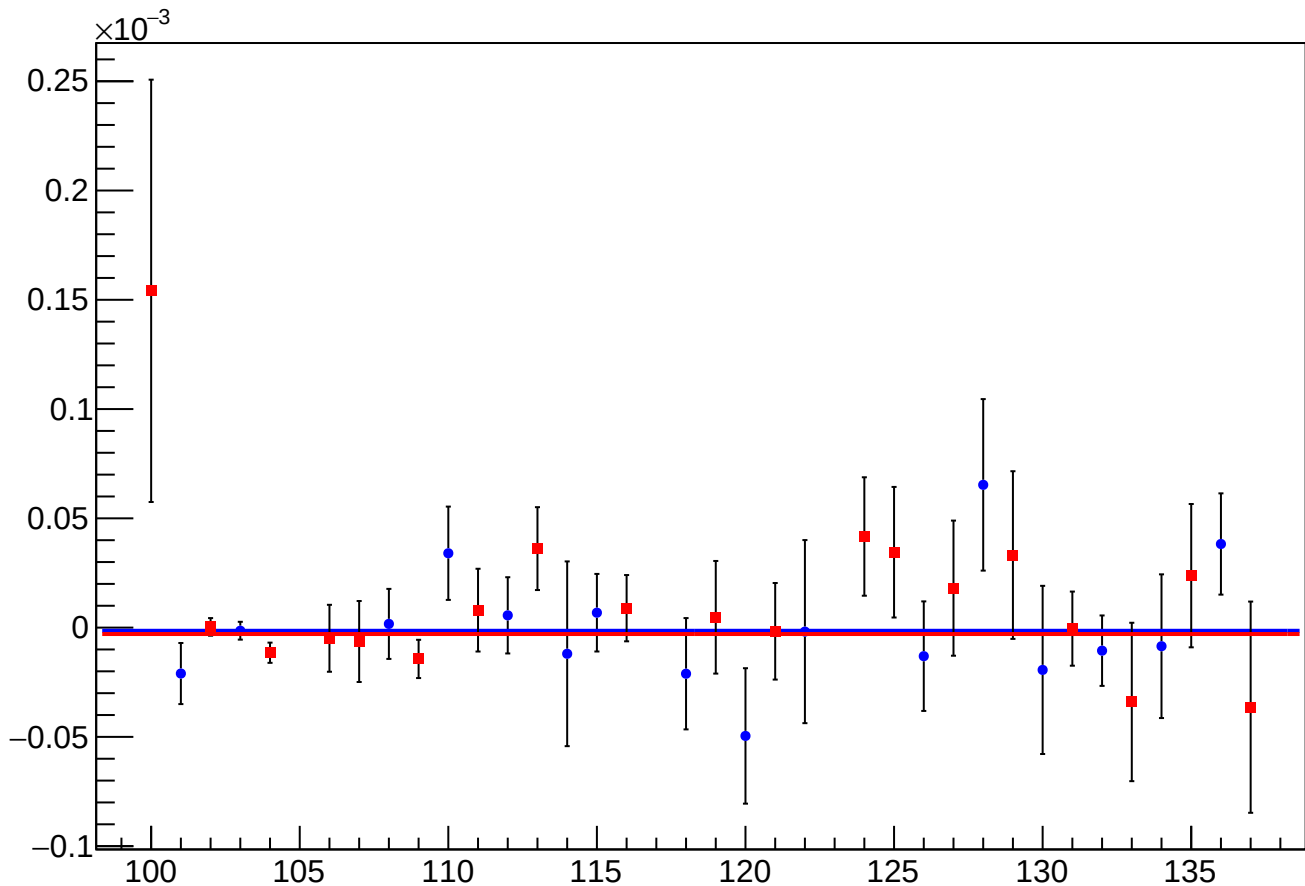
Right: 175.794+/-0.037 χ^2/NDF : 4227942.3/34

In: 189.628+/-0.054 χ^2/NDF : 1465476.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.794+/-0.037 χ^2/NDF : 4227942.3/34

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

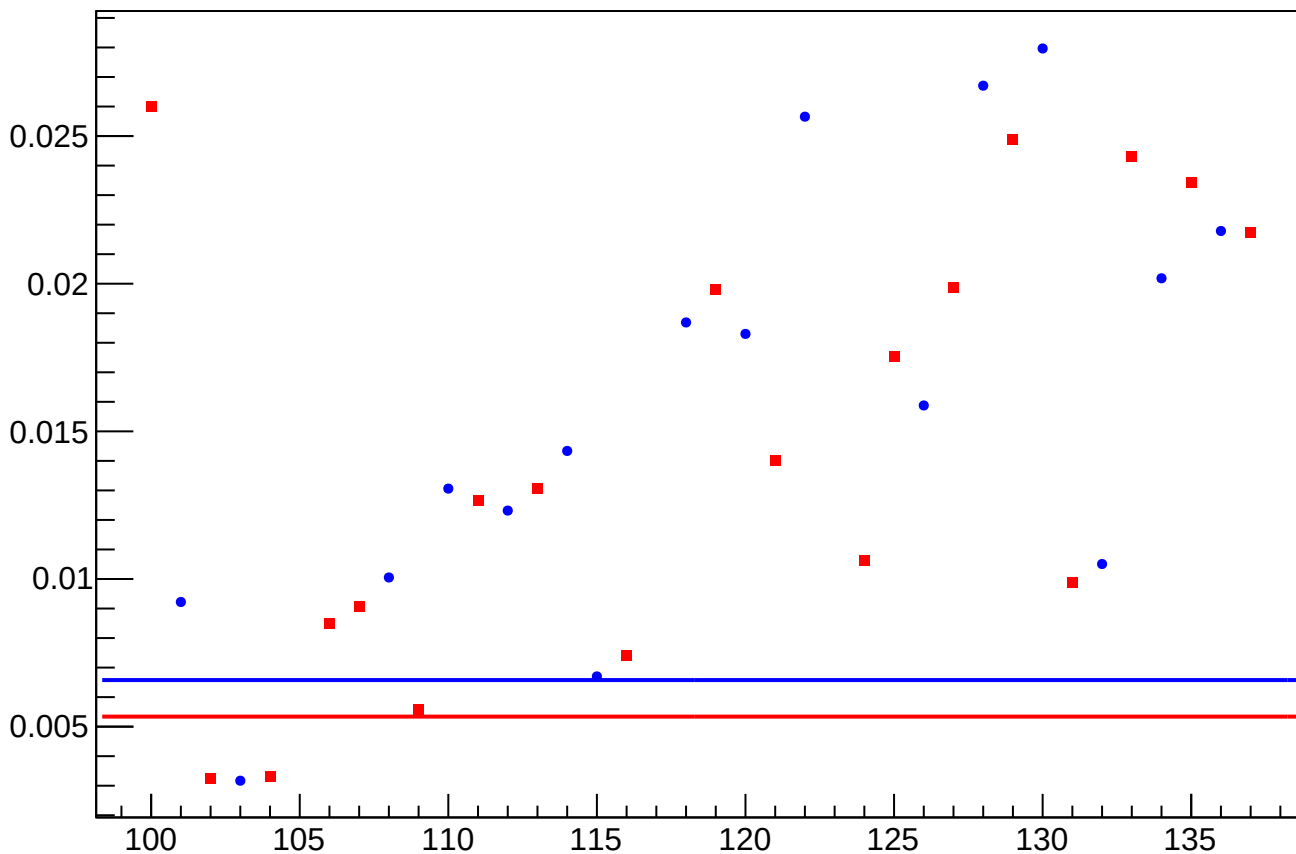
Right: -0.000+/-0.000 χ^2/NDF : 36.3/34

In: -0.000+/-0.000 χ^2/NDF :14.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.3/34

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 5928012.0/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 5685915.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 11788382.8/34

In: 0.007+/-0.000

χ^2/NDF : 5928012.0/15

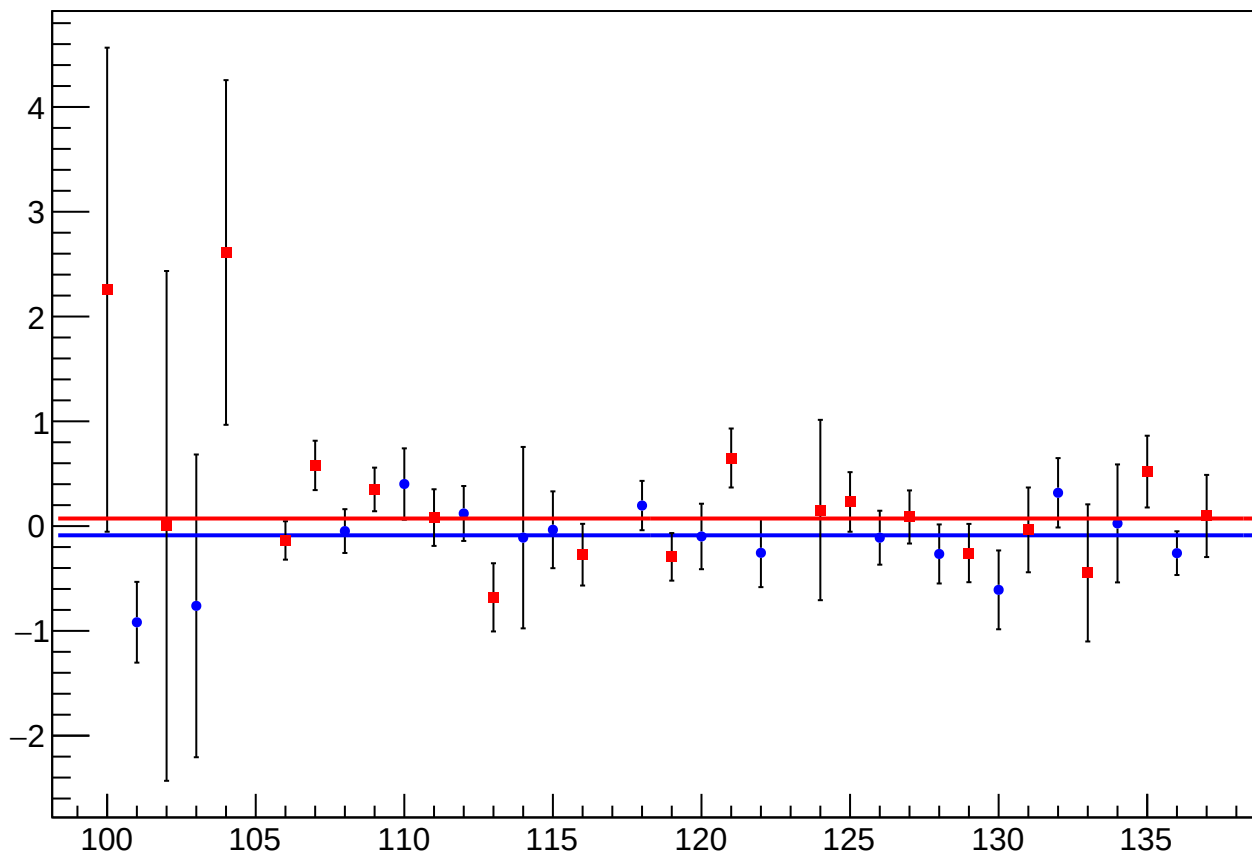
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 11788382.8/34

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.072+/-0.070 χ^2/NDF : 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

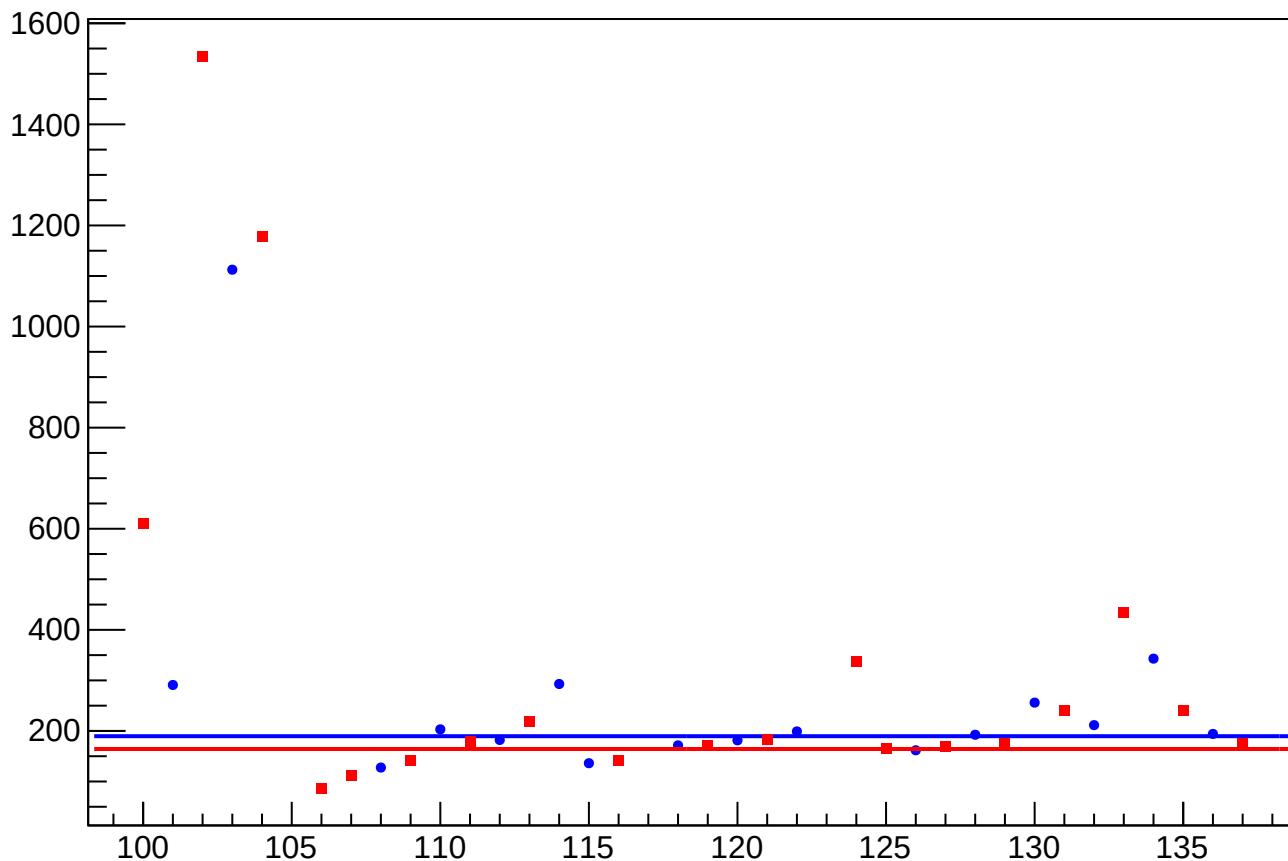
Right: -0.000+/-0.052 χ^2/NDF : 44.9/34

In: -0.088+/-0.077 χ^2/NDF :13.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.052 χ^2/NDF : 44.9/34

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.628+/-0.054 χ^2/NDF : 1465464.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 164.286+/-0.050 χ^2/NDF : 2643465.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

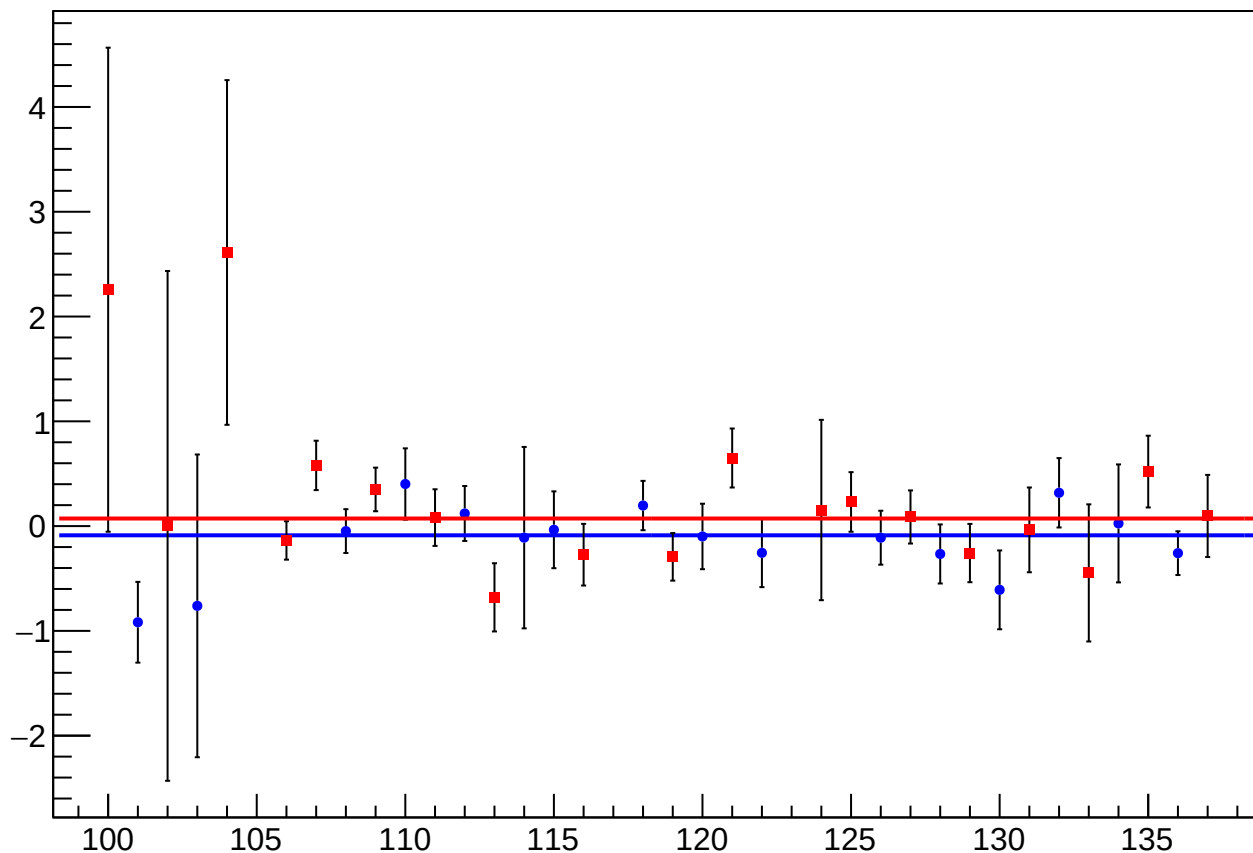
Right: 175.793+/-0.037 χ^2/NDF : 4227906.3/34

In: 189.628+/-0.054 χ^2/NDF : 1465464.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.793+/-0.037 χ^2/NDF : 4227906.3/34

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.072+/-0.070 χ^2/NDF : 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

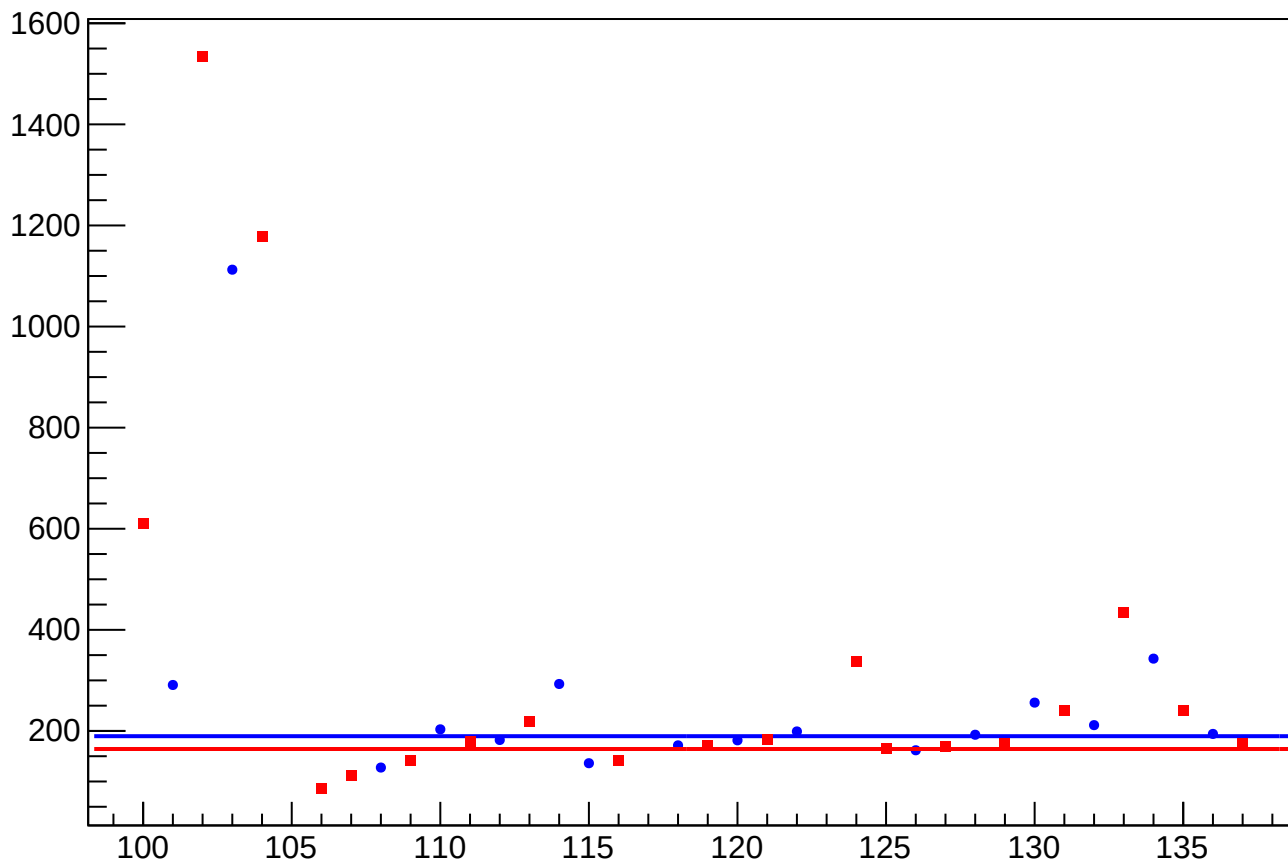
Right: -0.000+/-0.052 χ^2/NDF : 44.9/34

In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.052 χ^2/NDF : 44.9/34

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 189.628+/-0.054 χ^2/NDF : 1465464.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 164.286+/-0.050 χ^2/NDF : 2643465.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

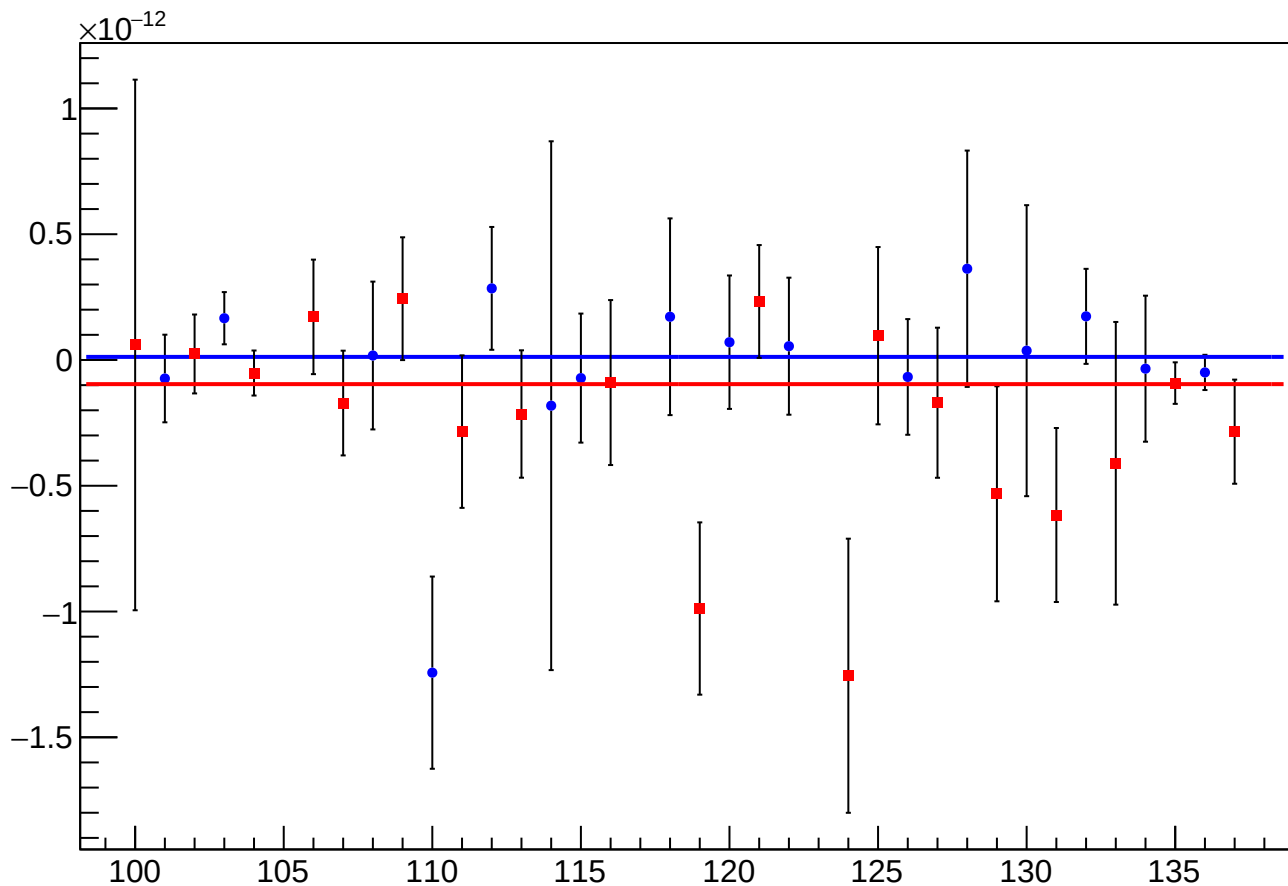
Right: 175.793+/-0.037 χ^2/NDF : 4227906.3/34

In: 189.628+/-0.054 χ^2/NDF :1465464.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.793+/-0.037 χ^2/NDF : 4227906.3/34

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 ± 0.000 χ^2/NDF : 17.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 23.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

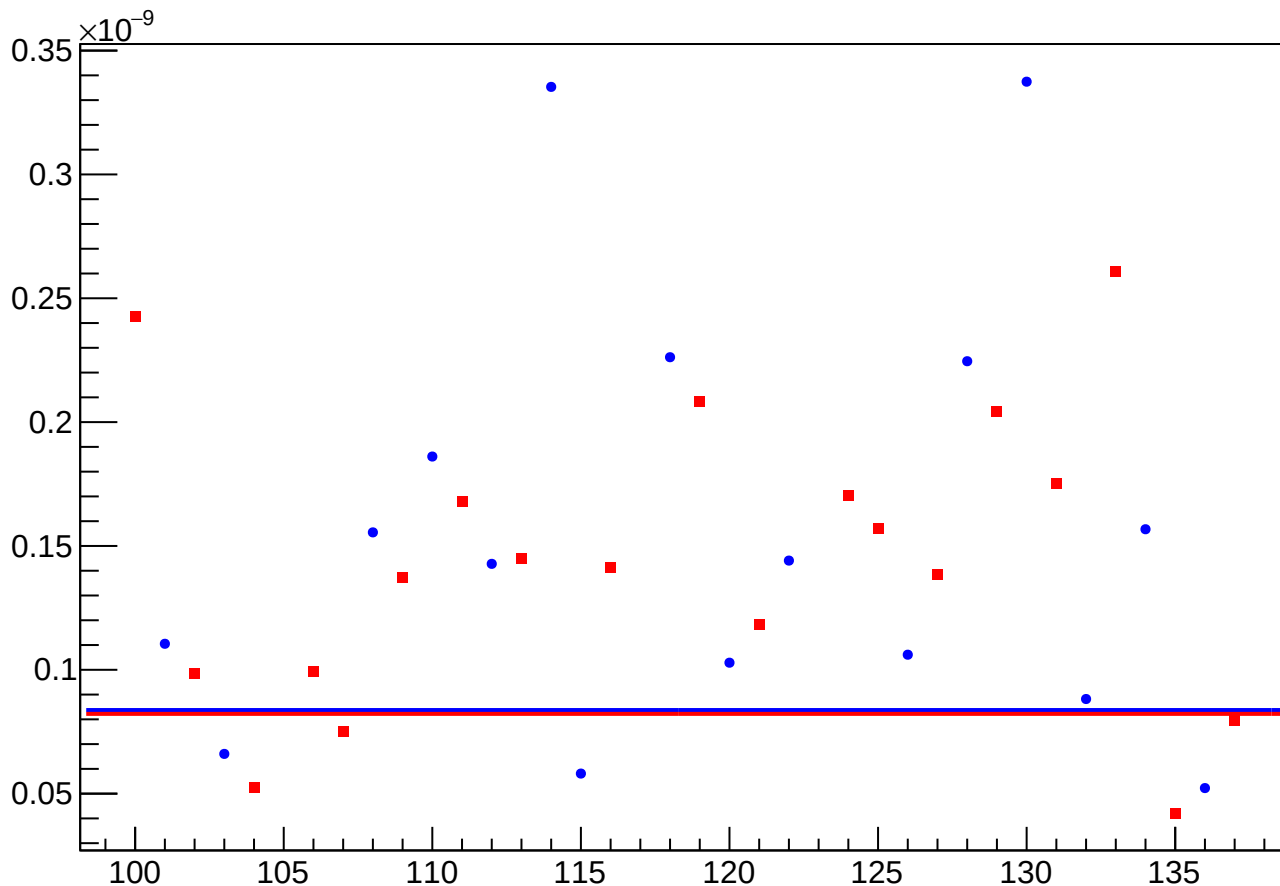
Right: -0.000 ± 0.000 χ^2/NDF : 43.1/34

In: 0.000 ± 0.000 χ^2/NDF : 17.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 43.1/34

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2109060.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2271900.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

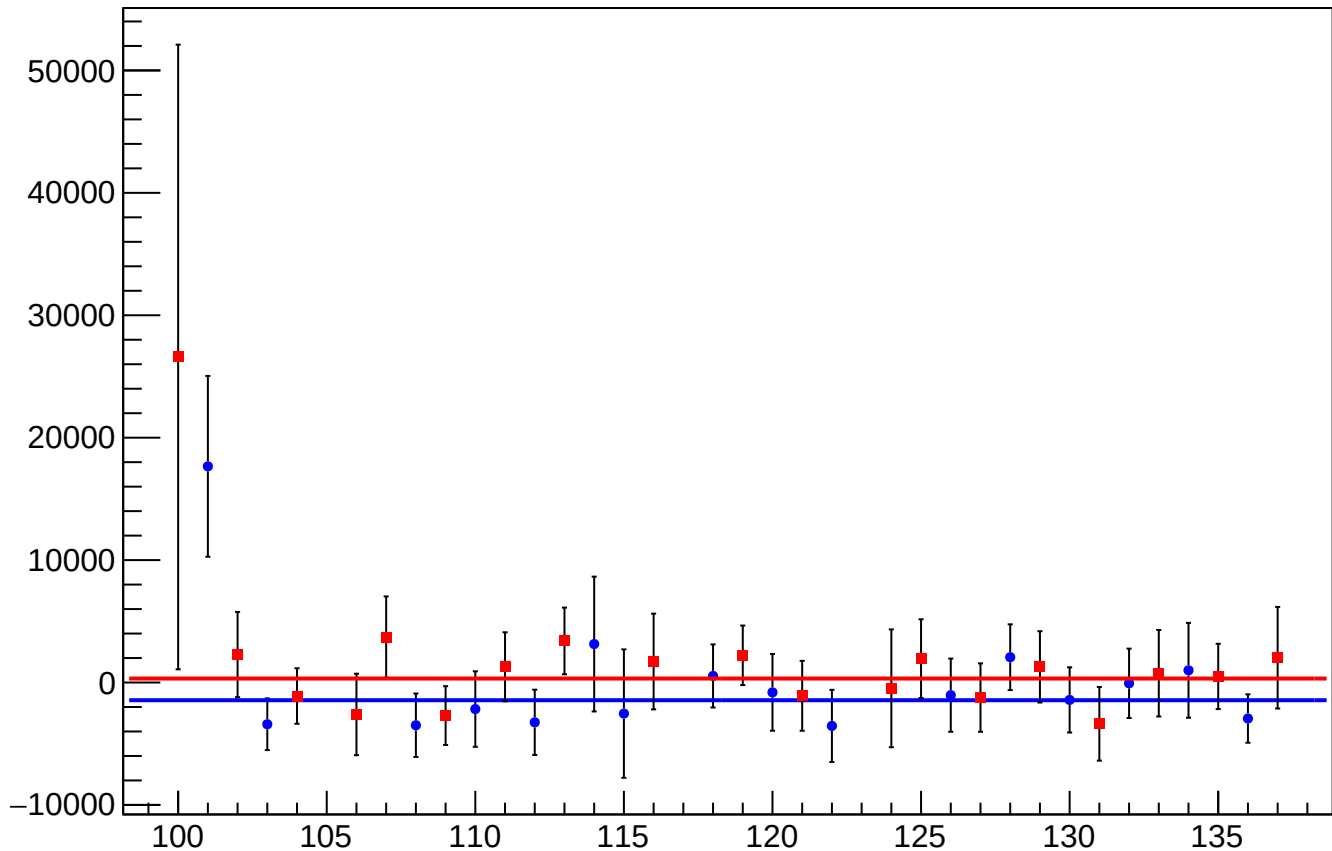
Right: 0.000+/-0.000 χ^2/NDF : 4382137.4/34

In: 0.000+/-0.000 χ^2/NDF : 2109060.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4382137.4/34

reg_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1446.547+/-723.140 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 325.908+/-702.648 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

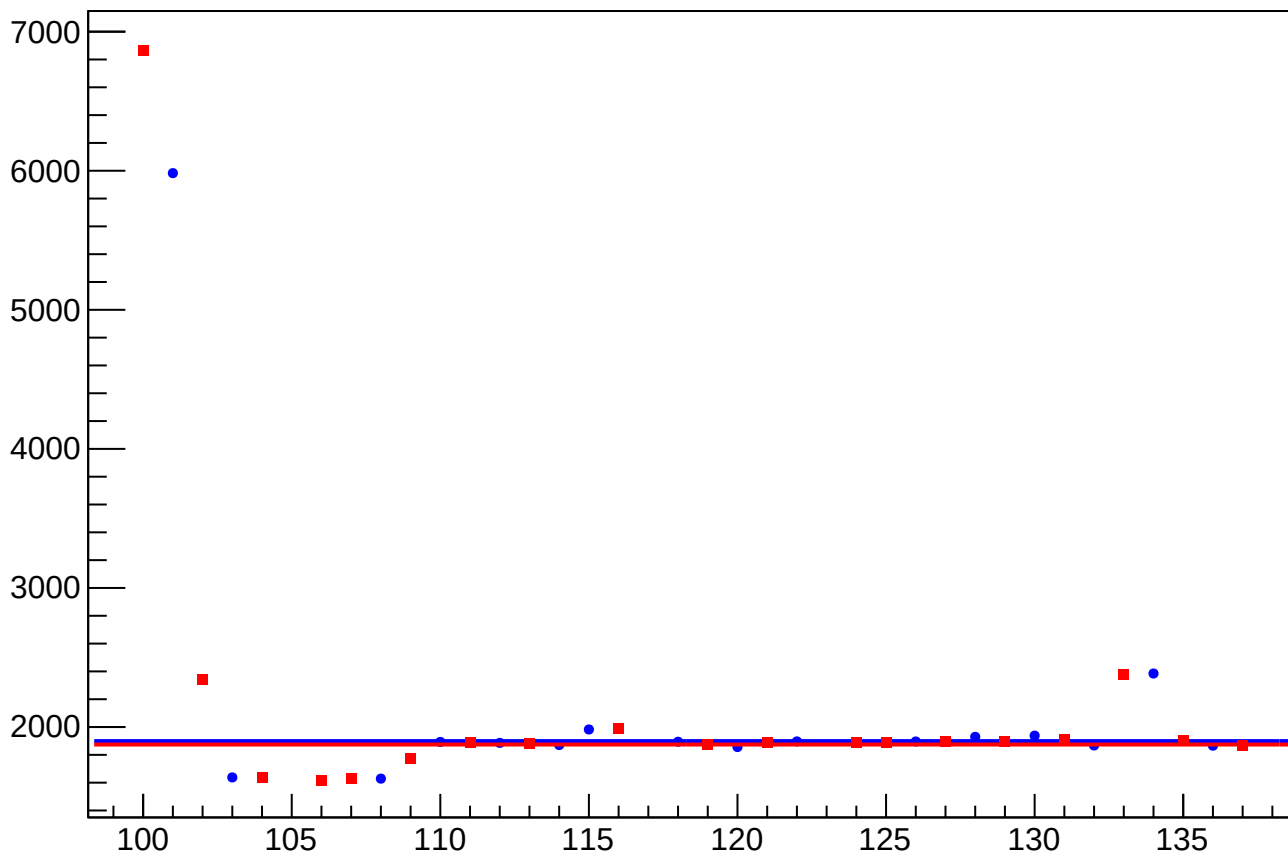
Right: -534.850+/-503.936 χ^2/NDF : 26.5/34

In: -1446.547+/-723.140 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -534.850+/-503.936 χ^2/NDF : 26.5/34

reg_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1898.826+/-0.511 χ^2/NDF : 697514.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.251+/-0.495 χ^2/NDF : 207657.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

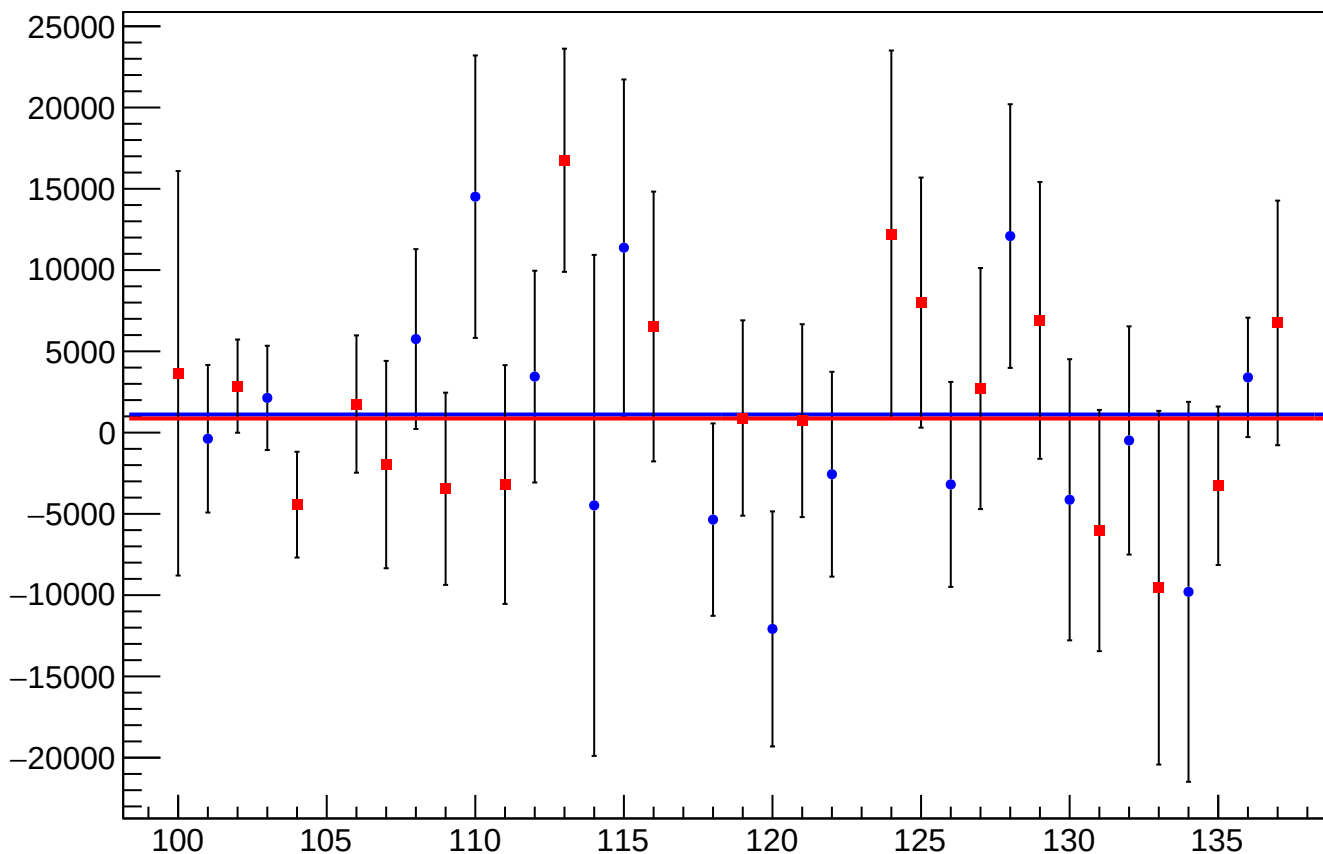
Right: 1886.144+/-0.356 χ^2/NDF : 906364.0/34

In: 1898.826+/-0.511 χ^2/NDF : 697514.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.144+/-0.356 χ^2/NDF : 906364.0/34

asym_atr_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1112.704+/-1479.265 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 866.976+/-1307.223 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

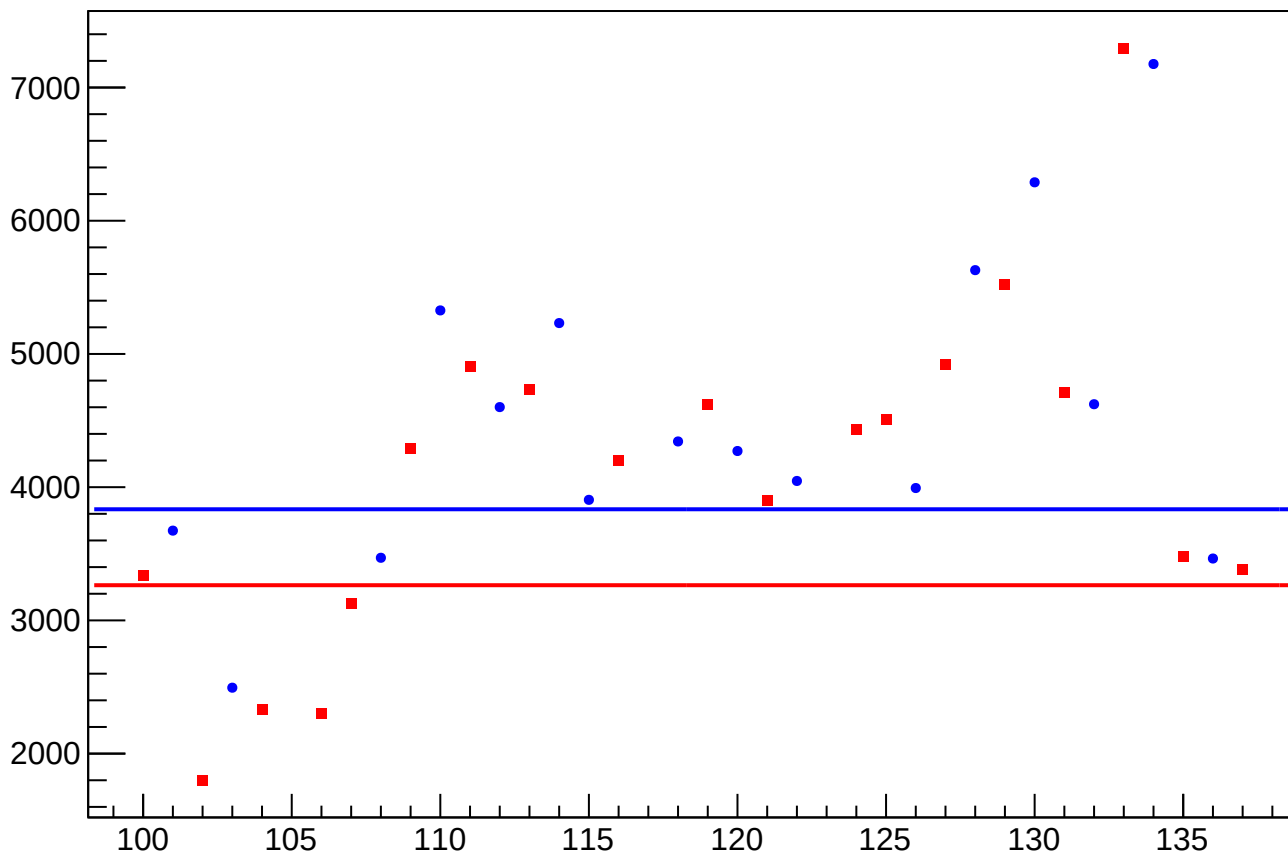
Right: 974.726+/-979.552 χ^2/NDF : 29.0/34

In: 1112.704+/-1479.265 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 974.726+/-979.552 χ^2/NDF : 29.0/34

asym_atr_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3834.164+/-1.046 χ^2/NDF : 956775.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3264.110+/-0.924 χ^2/NDF : 1864241.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

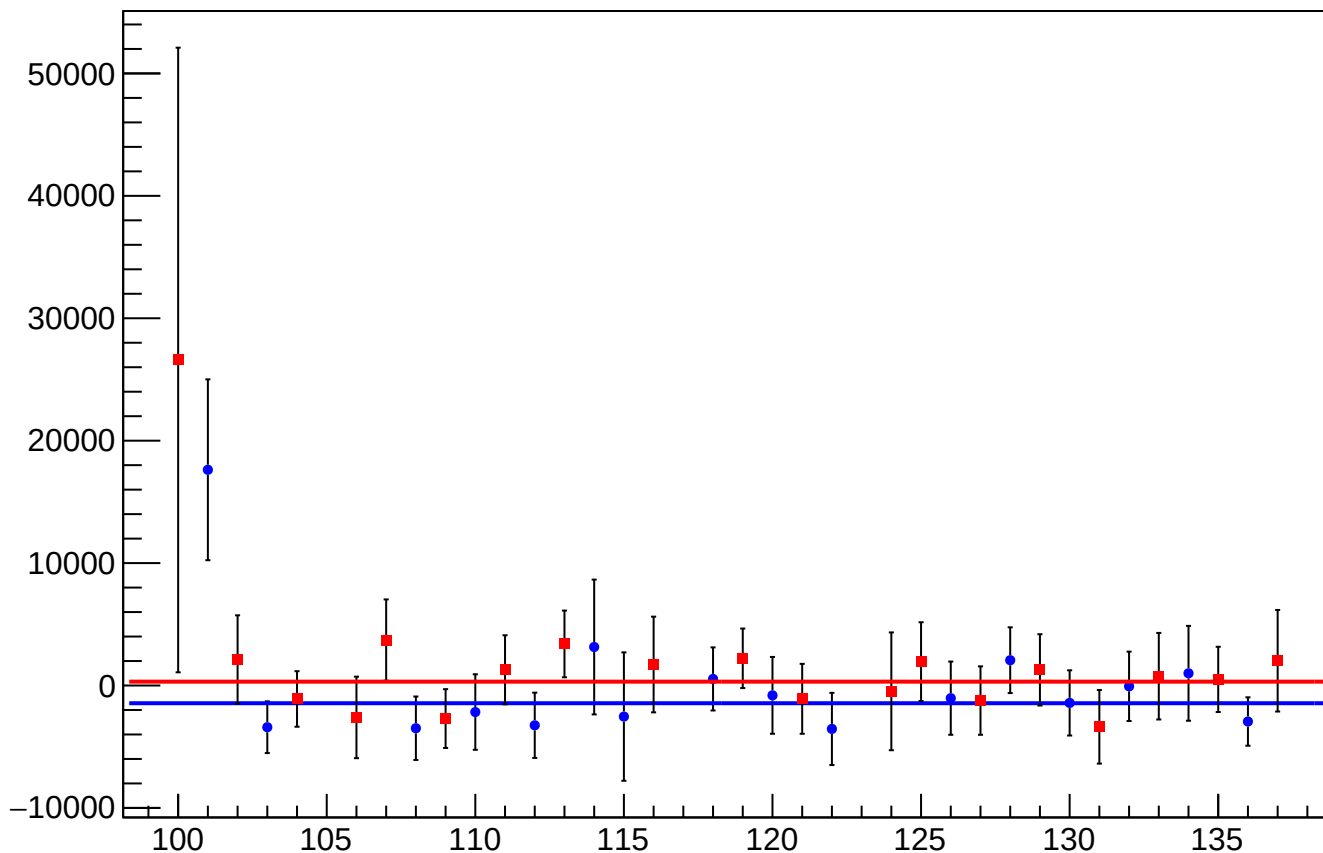
Right: 3514.075+/-0.693 χ^2/NDF : 2987789.5/34

In: 3834.164+/-1.046 χ^2/NDF : 956775.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3514.075+/-0.693 χ^2/NDF : 2987789.5/34

cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1446.933 ± 723.140 χ^2/NDF : 13.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 315.462 ± 703.596 χ^2/NDF : 9.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

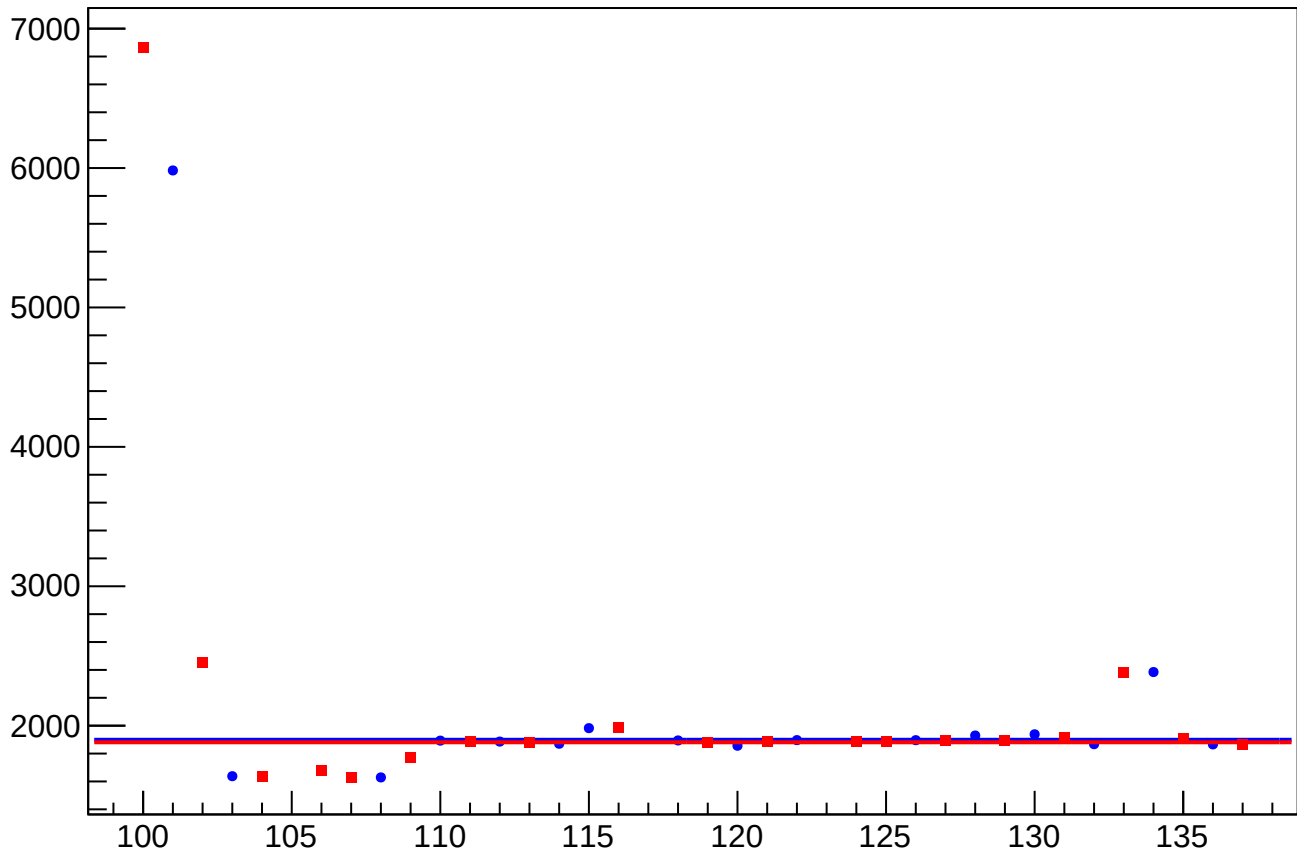
Right: -541.597 ± 504.285 χ^2/NDF : 26.4/34

In: -1446.933 ± 723.140 χ^2/NDF : 13.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -541.597 ± 504.285 χ^2/NDF : 26.4/34

cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.007+/-0.497 χ^2/NDF : 216564.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

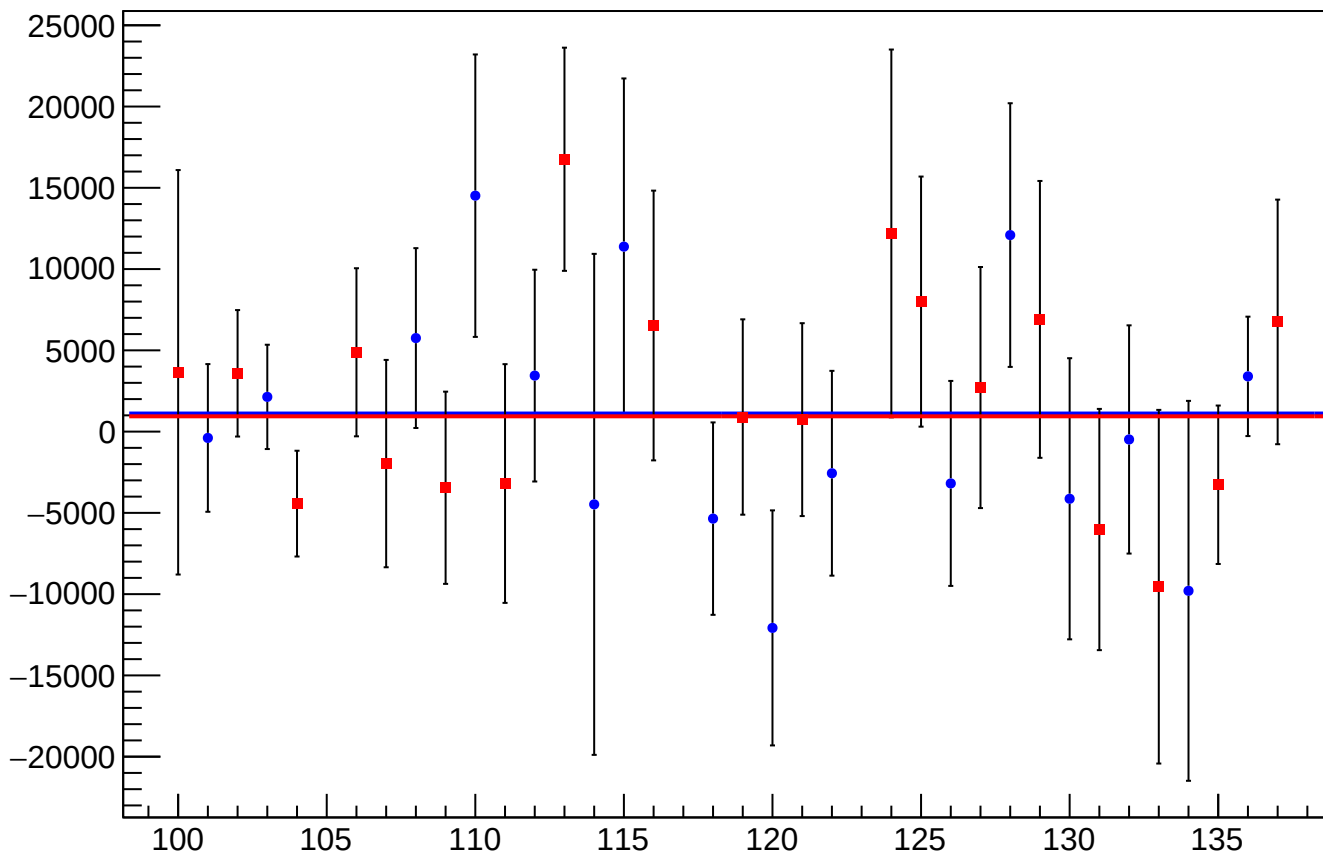
Right: 1889.658+/-0.356 χ^2/NDF : 914703.5/34

In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.658+/-0.356 χ^2/NDF : 914703.5/34

asym_atr_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 940.712+/-1398.993 χ^2/NDF : 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

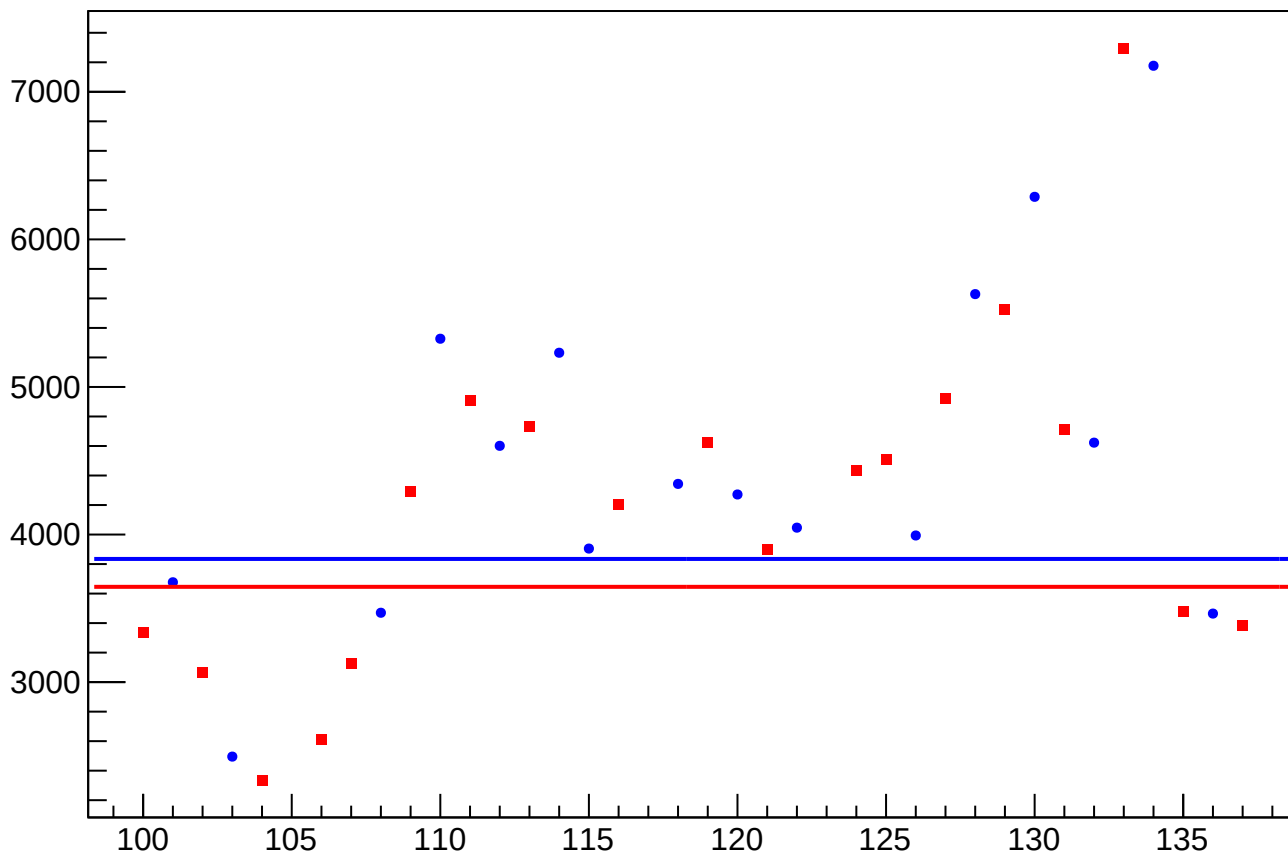
Right: 1021.352+/-1016.487 χ^2/NDF : 29.6/34

In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.352+/-1016.487 χ^2/NDF : 29.6/34

asym_atr_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3645.689+/-0.989 χ^2/NDF : 1124981.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

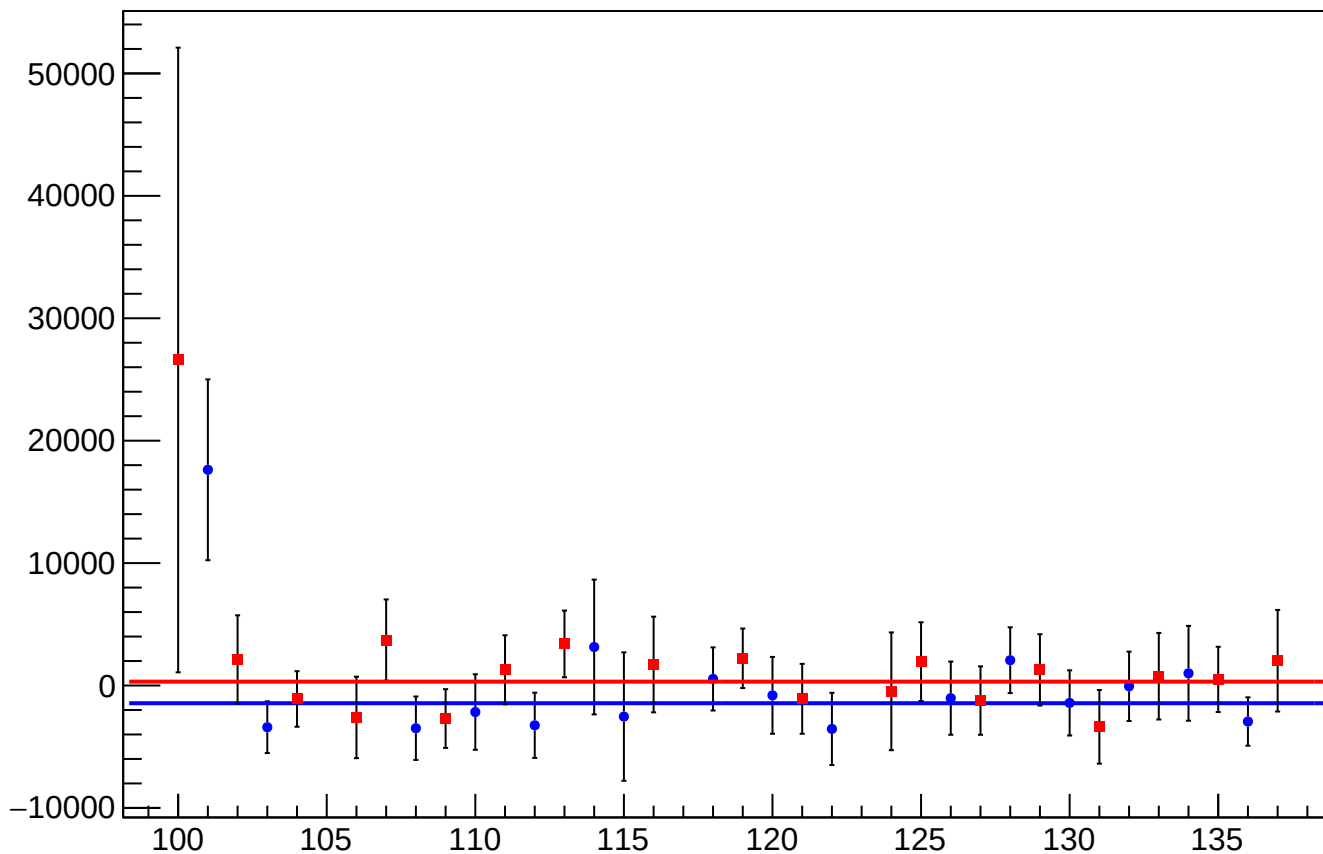
Right: 3734.912+/-0.719 χ^2/NDF : 2098525.6/34

In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3734.912+/-0.719 χ^2/NDF : 2098525.6/34

eigen_cor_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1446.933+/-723.140 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 315.462+/-703.596 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

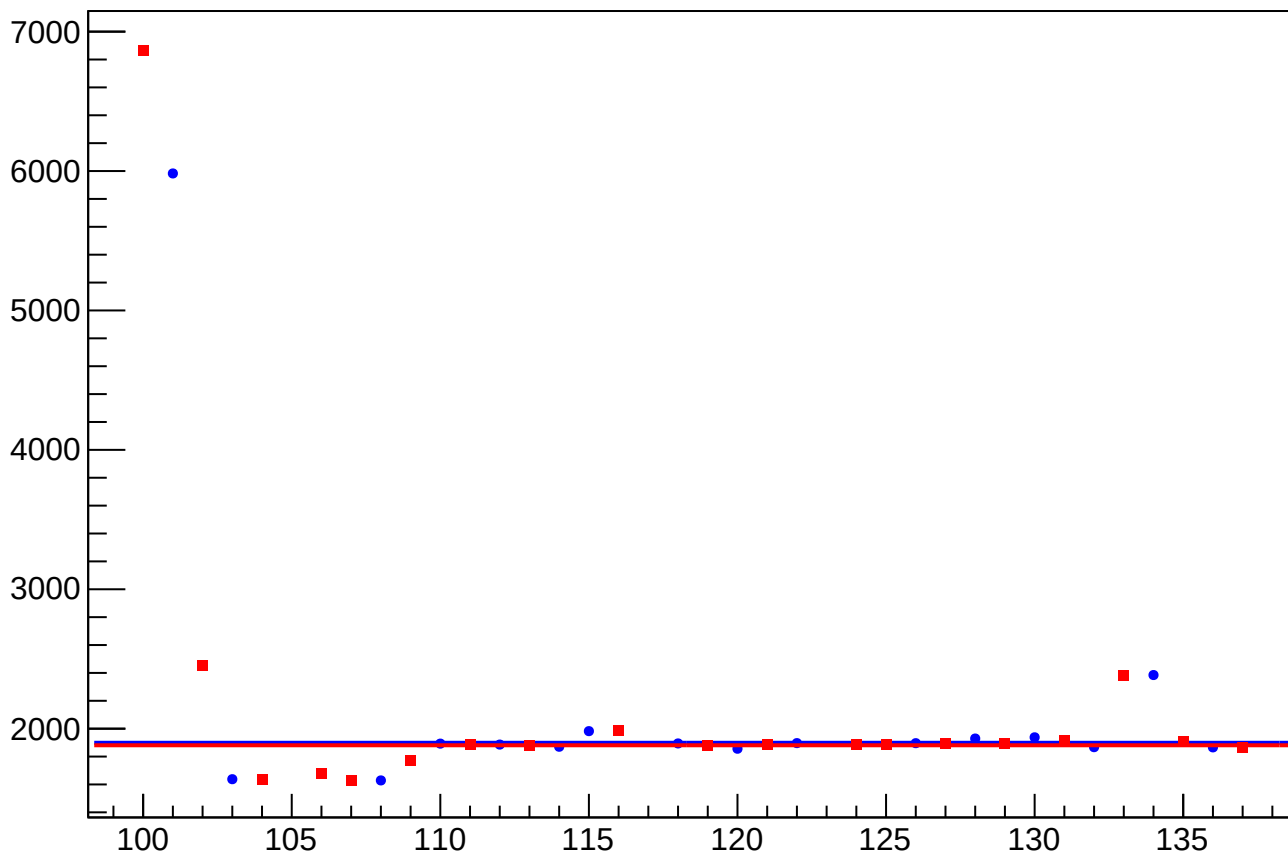
Right: -541.597+/-504.285 χ^2/NDF : 26.4/34

In: -1446.933+/-723.140 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.597+/-504.285 χ^2/NDF : 26.4/34

eigen_cor_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.007+/-0.497 χ^2/NDF : 216564.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

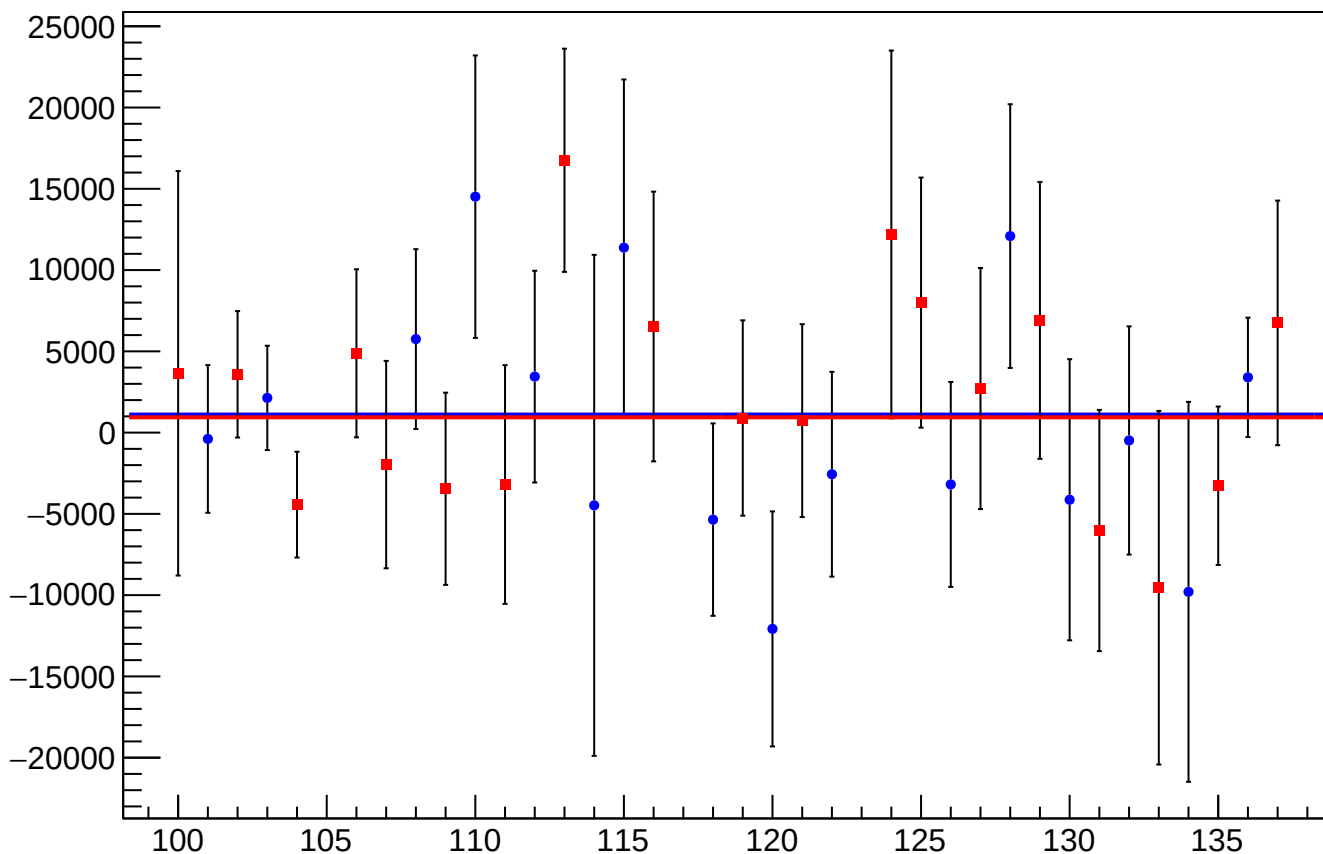
Right: 1889.658+/-0.356 χ^2/NDF : 914703.5/34

In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.658+/-0.356 χ^2/NDF : 914703.5/34

asym_atr_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 940.712+/-1398.993 χ^2/NDF : 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

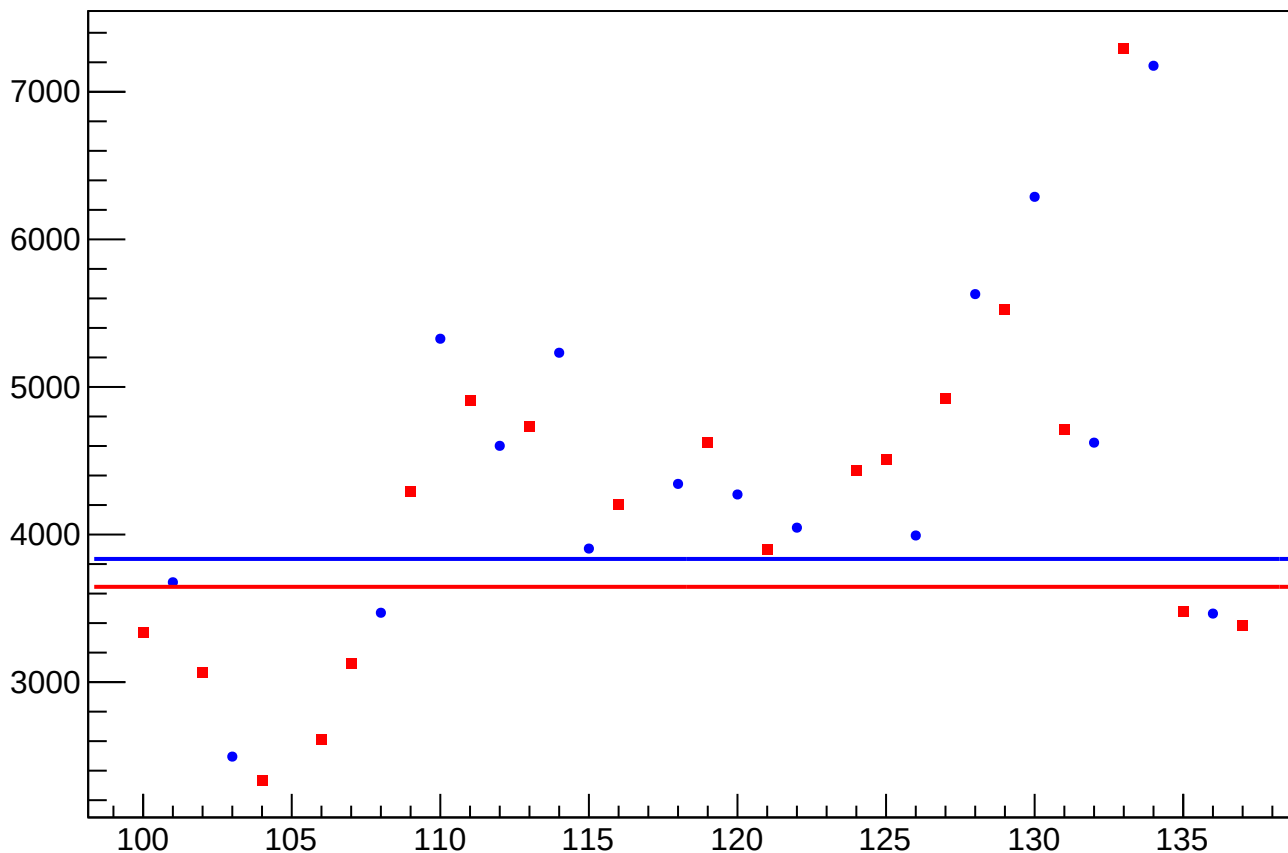
Right: 1021.352+/-1016.487 χ^2/NDF : 29.6/34

In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1021.352+/-1016.487 χ^2/NDF : 29.6/34

asym_atr_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3645.689+/-0.989 χ^2/NDF : 1124981.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

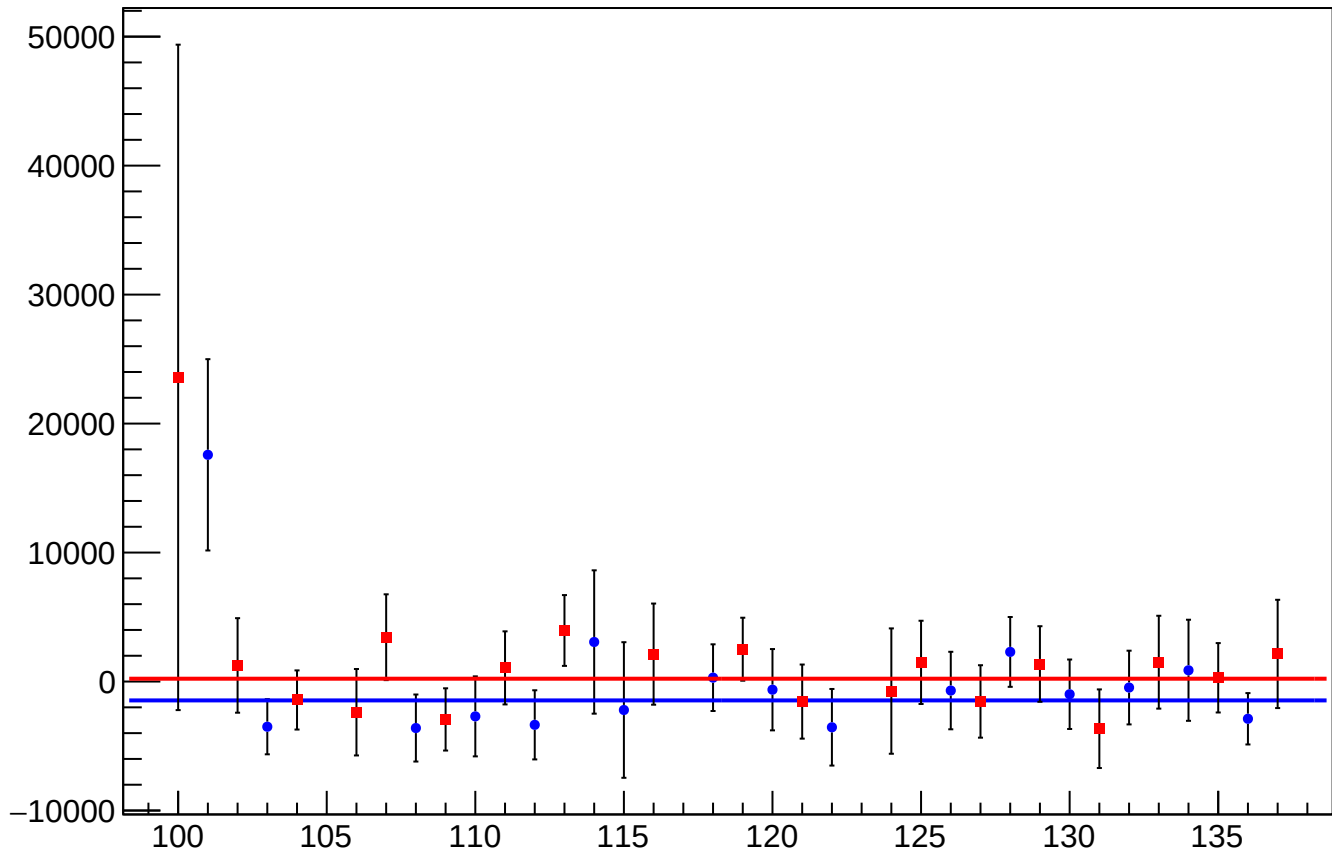
Right: 3734.912+/-0.719 χ^2/NDF : 2098525.6/34

In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3734.912+/-0.719 χ^2/NDF : 2098525.6/34

dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1462.640+/-728.274 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.726+/-708.852 χ^2/NDF : 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

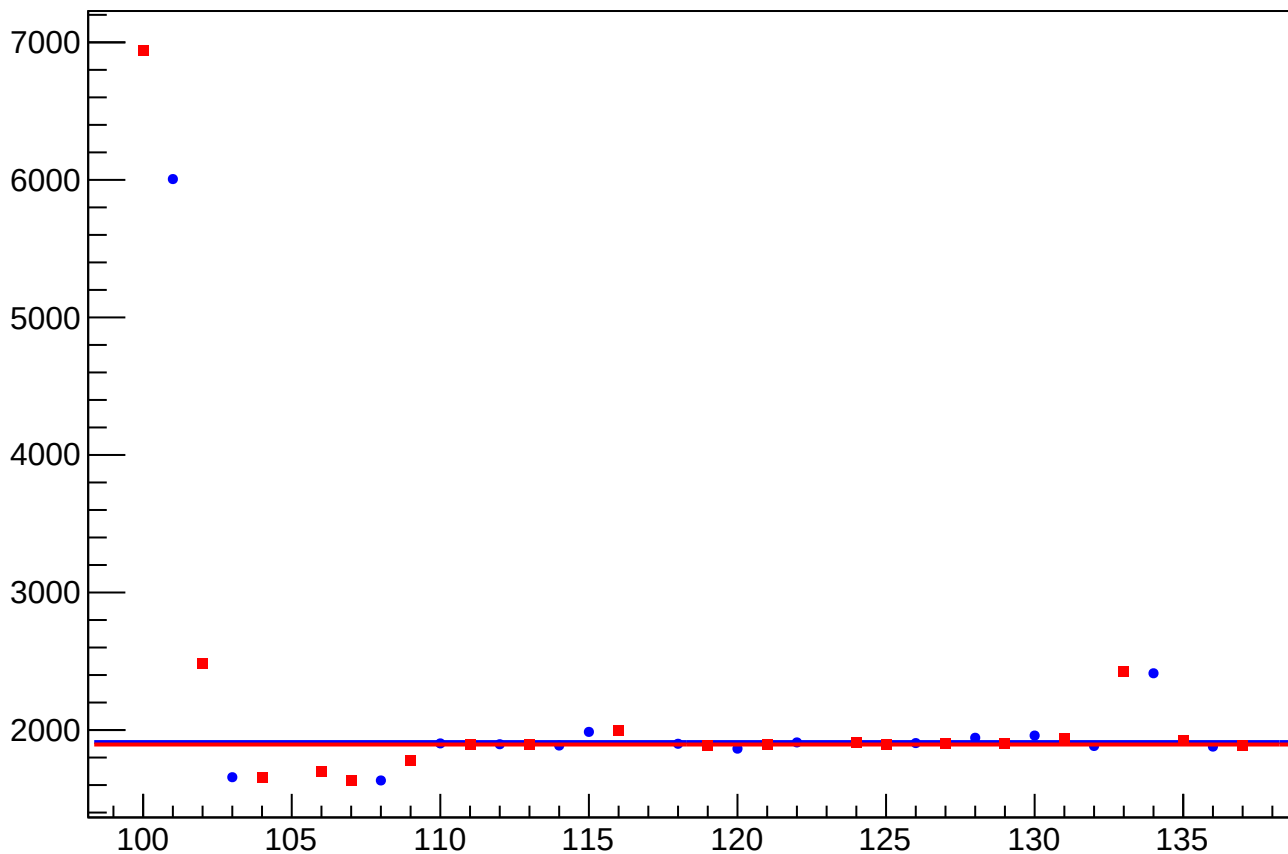
Right: -598.725+/-507.962 χ^2/NDF : 27.1/34

In: -1462.640+/-728.274 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -598.725+/-507.962 χ^2/NDF : 27.1/34

dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1912.378+/-0.515 χ^2/NDF : 696220.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.765+/-0.501 χ^2/NDF : 219781.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

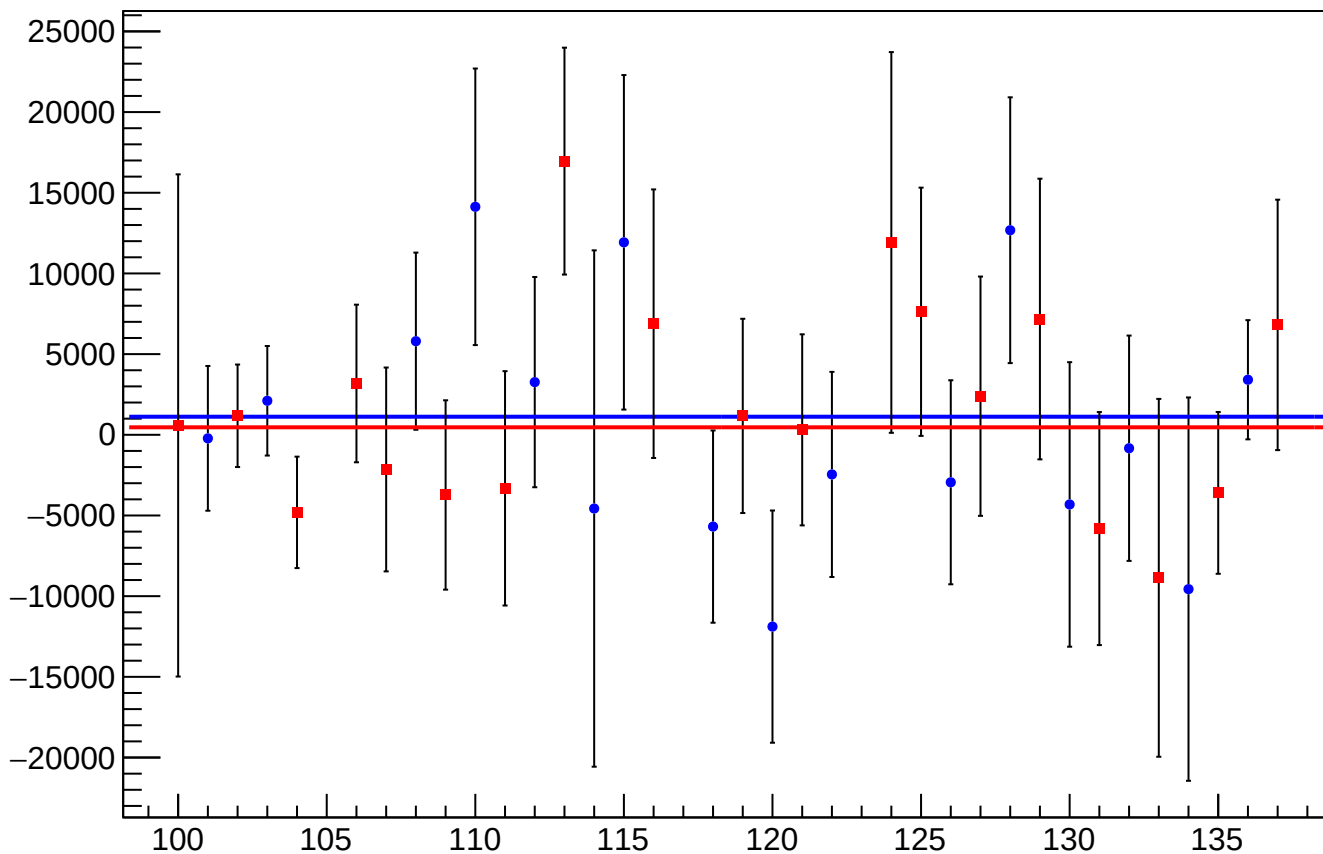
Right: 1903.324+/-0.359 χ^2/NDF : 916603.1/34

In: 1912.378+/-0.515 χ^2/NDF : 696220.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.324+/-0.359 χ^2/NDF : 916603.1/34

asym_atr_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1120.173+/-1497.671 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.368+/-1370.818 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

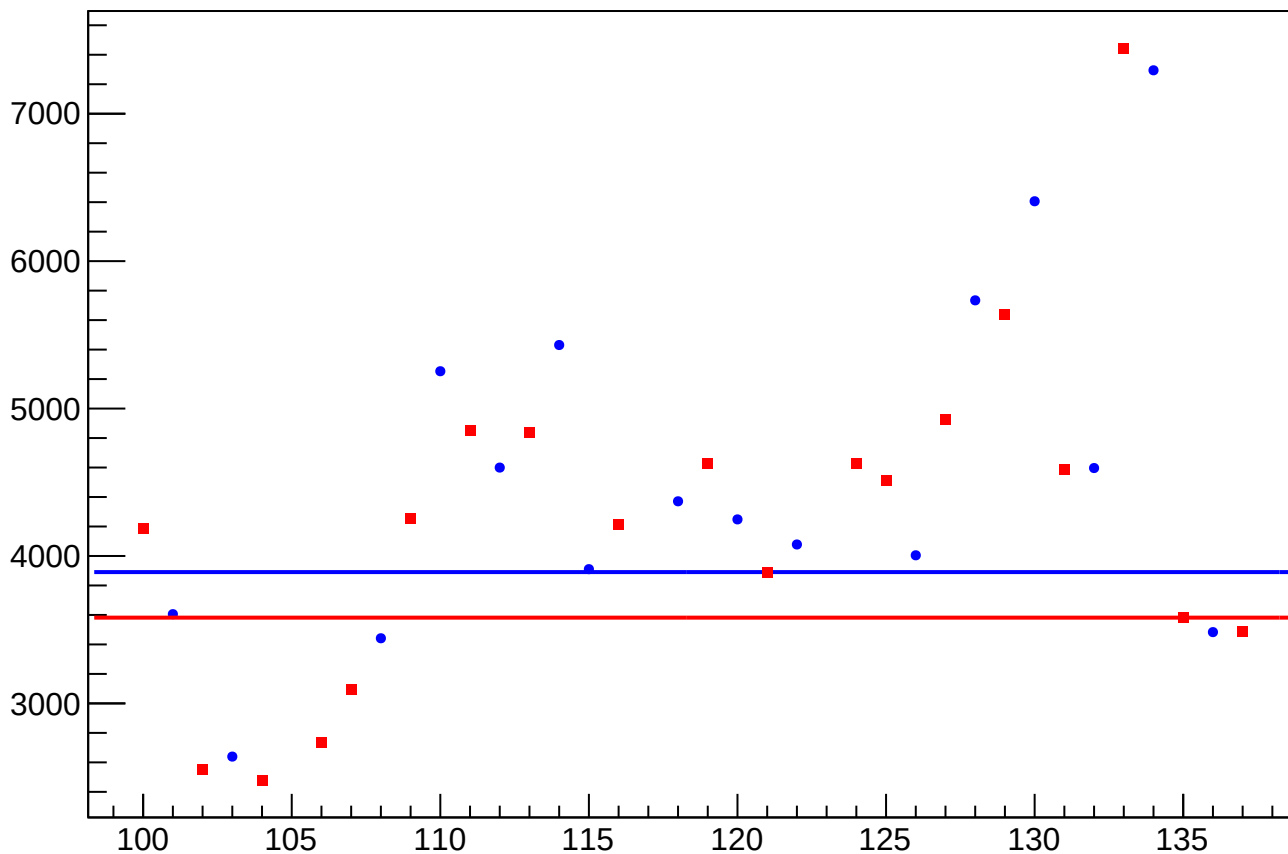
Right: 763.326+/-1011.192 χ^2/NDF : 28.6/34

In: 1120.173+/-1497.671 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.326+/-1011.192 χ^2/NDF : 28.6/34

asym_atr_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3890.708+/-1.059 χ^2/NDF : 878418.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3581.780+/-0.969 χ^2/NDF : 1221855.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

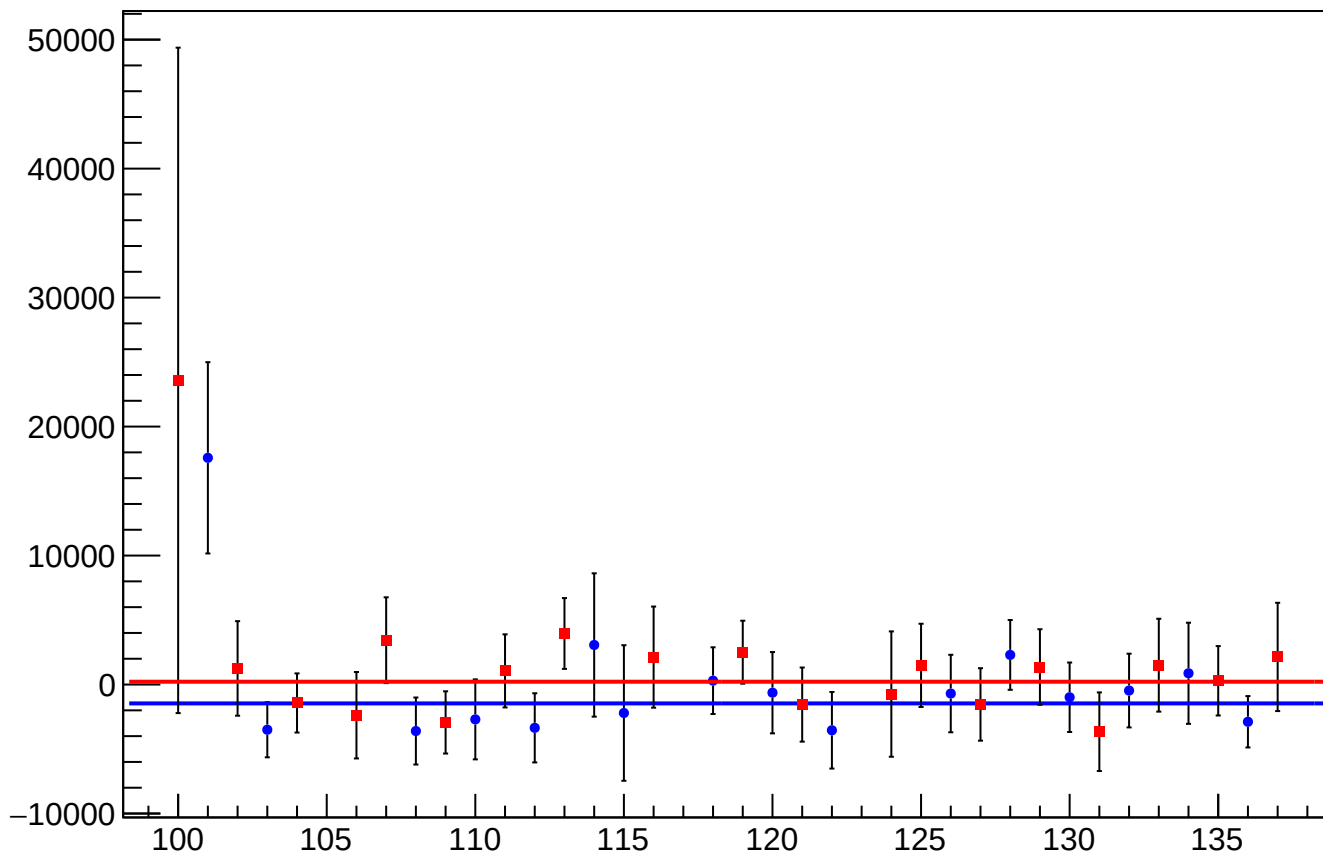
Right: 3722.609+/-0.715 χ^2/NDF : 2146577.5/34

In: 3890.708+/-1.059 χ^2/NDF : 878418.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3722.609+/-0.715 χ^2/NDF : 2146577.5/34

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1462.646 $\pm$ 728.274 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 219.720 $\pm$ 708.852 χ^2 /NDF: 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

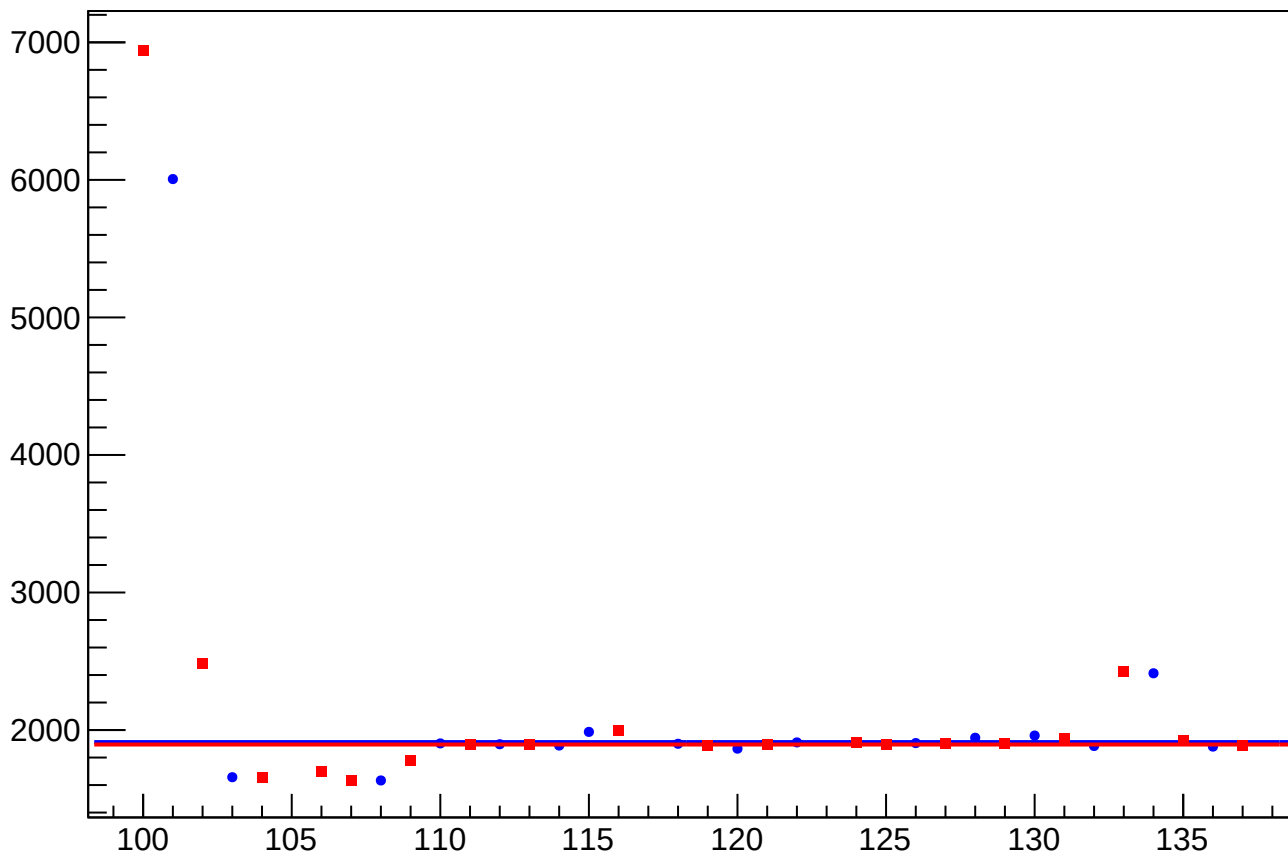
Right: -598.730 $\pm$ 507.962 χ^2 /NDF: 27.1/34

In: -1462.646 $\pm$ 728.274 χ^2 /NDF: 13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -598.730 $\pm$ 507.962 χ^2 /NDF: 27.1/34

eigen_dit_asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 1912.378+/-0.515 χ^2/NDF : 696220.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.765+/-0.501 χ^2/NDF : 219781.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

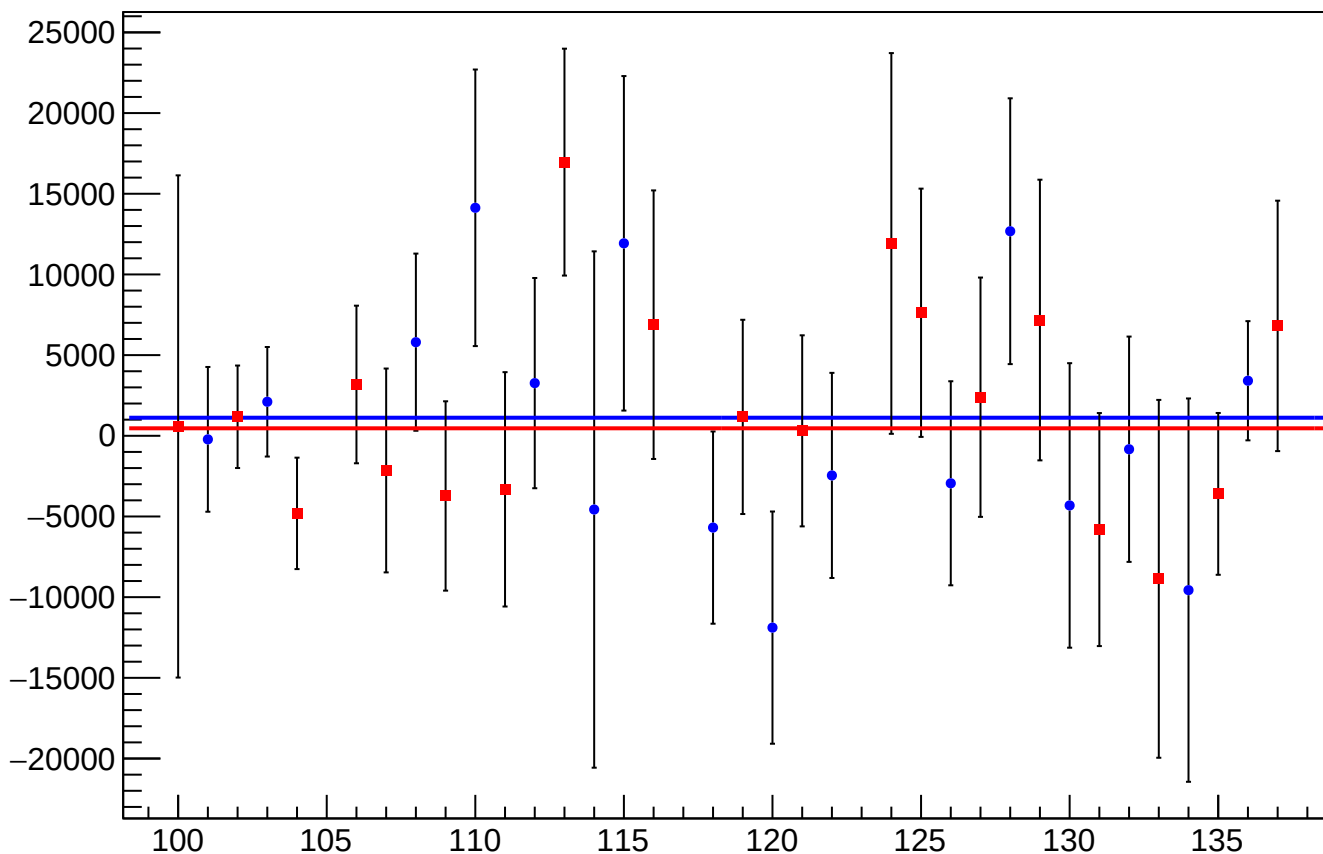
Right: 1903.324+/-0.359 χ^2/NDF : 916602.9/34

In: 1912.378+/-0.515 χ^2/NDF : 696220.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.324+/-0.359 χ^2/NDF : 916602.9/34

asym_atr_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1120.159+/-1497.669 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.367+/-1370.817 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

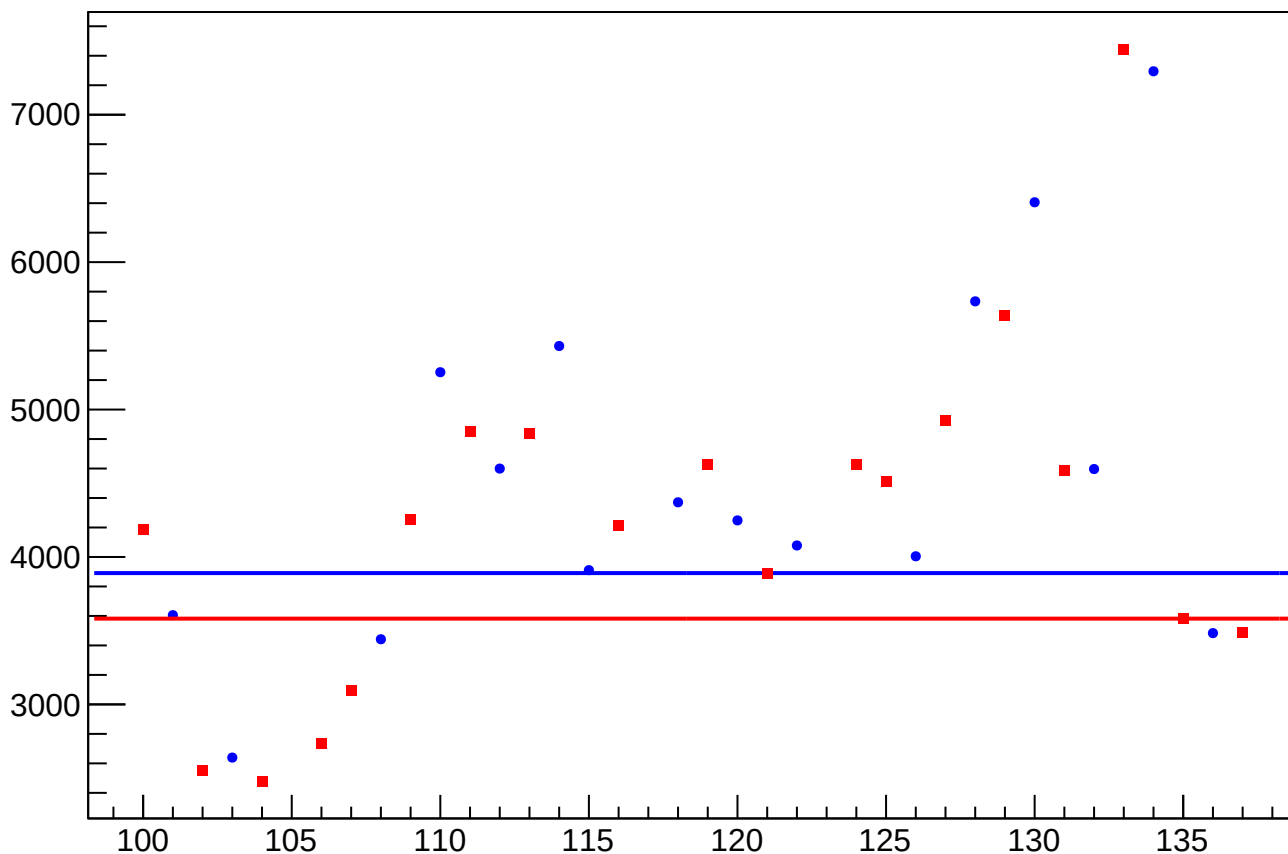
Right: 763.319+/-1011.191 χ^2/NDF : 28.6/34

In: 1120.159+/-1497.669 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 763.319+/-1011.191 χ^2/NDF : 28.6/34

asym_atr_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3890.705+/-1.059 χ^2/NDF : 878409.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3581.777+/-0.969 χ^2/NDF : 1221846.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

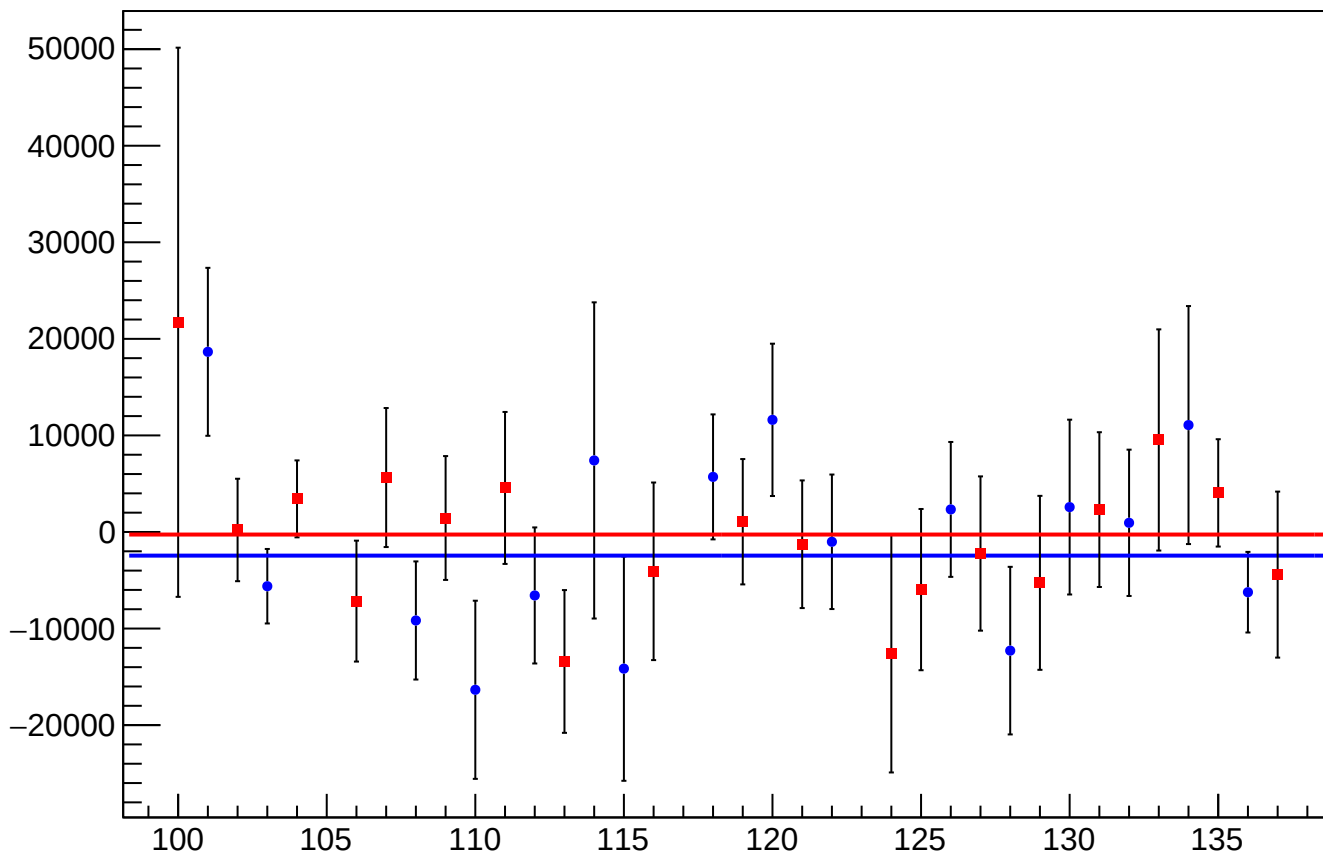
Right: 3722.606+/-0.715 χ^2/NDF : 2146560.1/34

In: 3890.705+/-1.059 χ^2/NDF : 878409.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3722.606+/-0.715 χ^2/NDF : 2146560.1/34

asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -2448.262 $\pm$ 1719.694 χ^2 /NDF: 20.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.886 $\pm$ 1622.574 χ^2 /NDF: 10.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

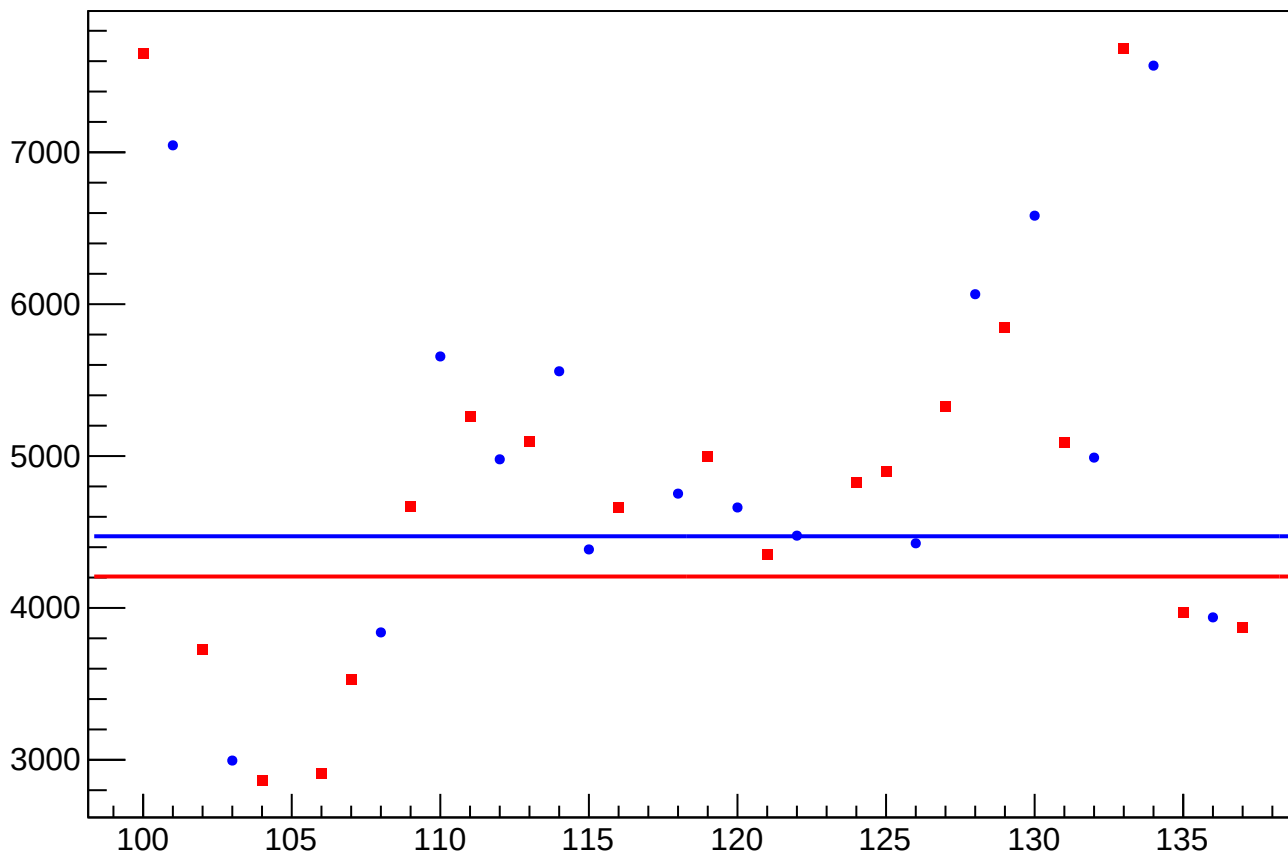
Right: -1293.712 $\pm$ 1180.174 χ^2 /NDF: 32.4/34

In: -2448.262 $\pm$ 1719.694 χ^2 /NDF: 20.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1293.712 $\pm$ 1180.174 χ^2 /NDF: 32.4/34

asym_atr_dd_rms vs Slug, Sign Corrected



Right In: 4471.904+/-1.216 χ^2/NDF : 891678.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4206.907+/-1.138 χ^2/NDF : 846525.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

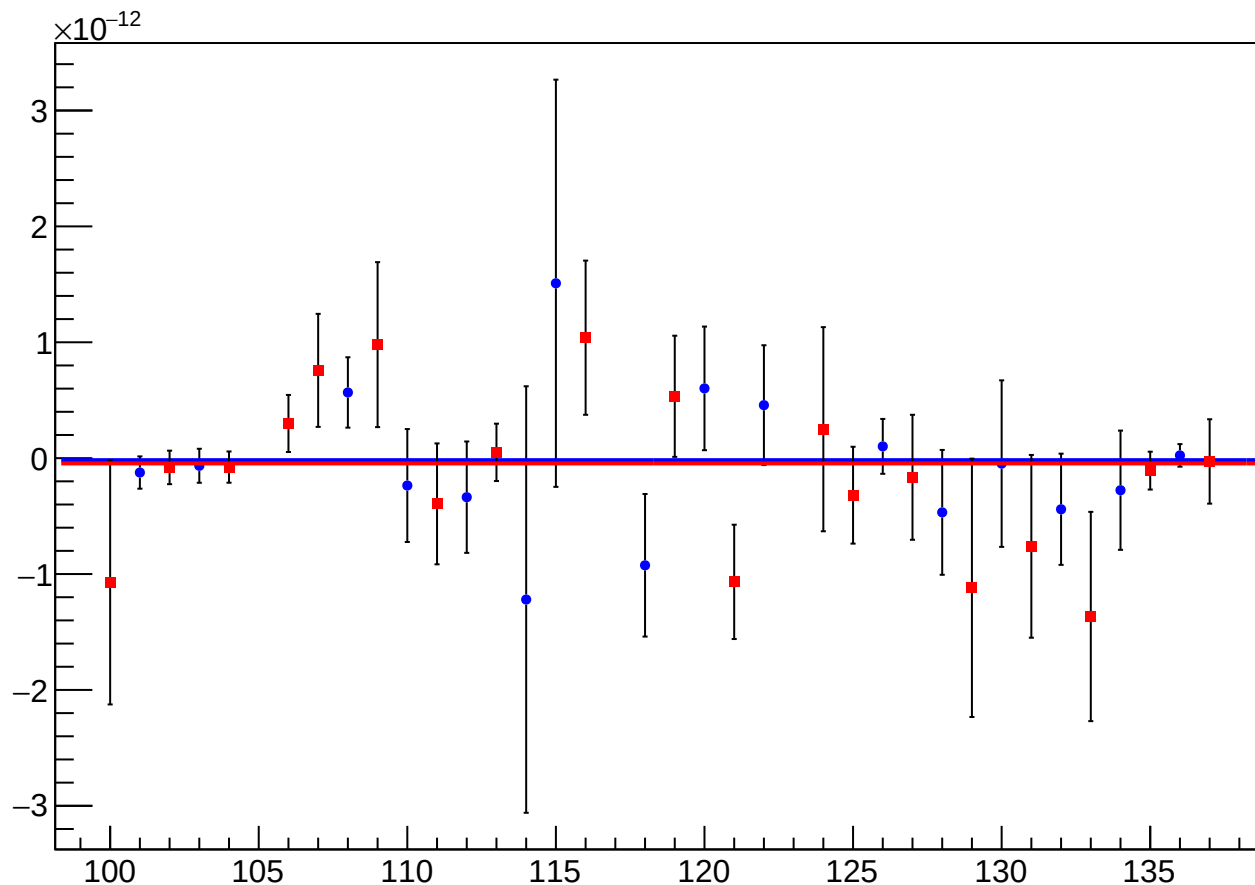
Right: 4330.631+/-0.831 χ^2/NDF : 1763521.7/34

In: 4471.904+/-1.216 χ^2/NDF : 891678.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4330.631+/-0.831 χ^2/NDF : 1763521.7/34

asym_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

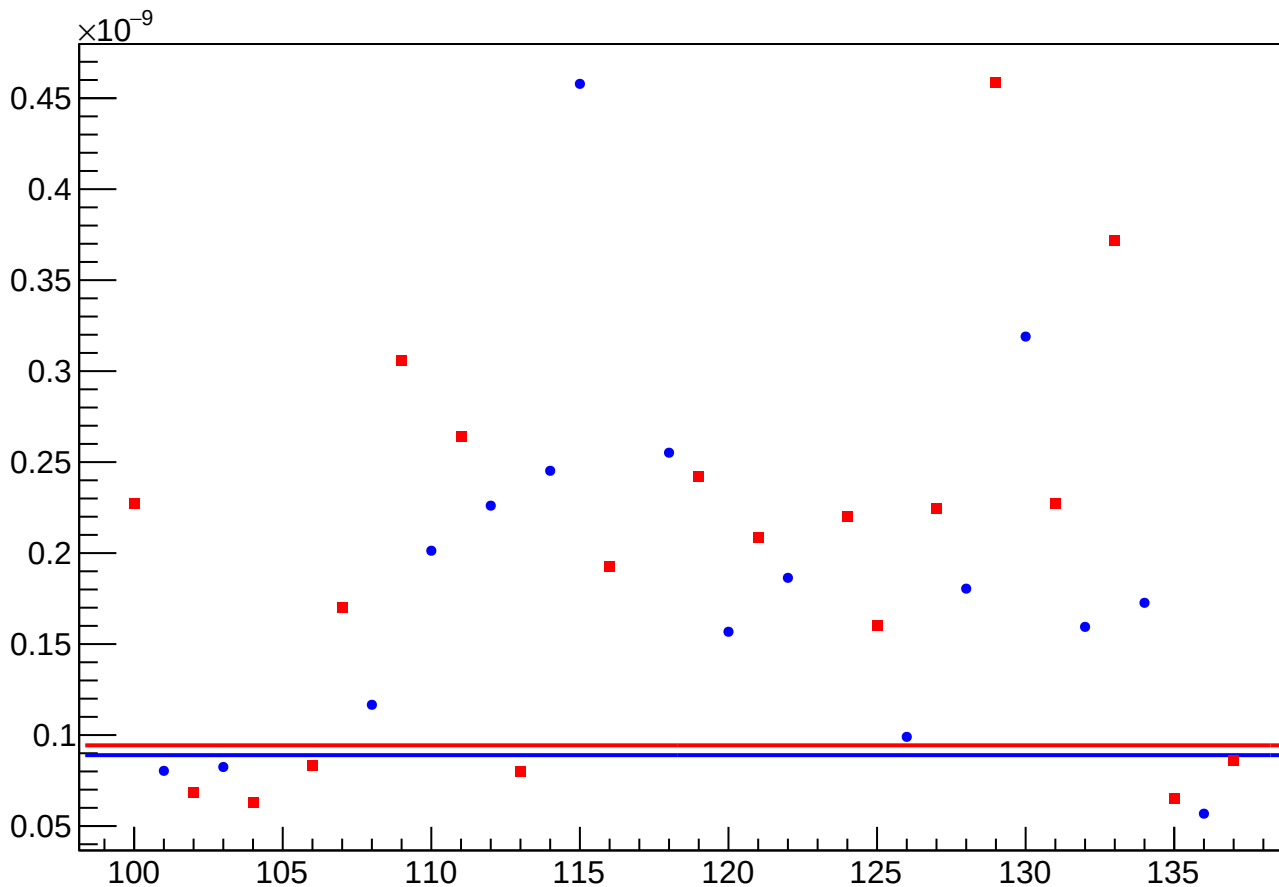
Right: -0.000+/-0.000 χ^2/NDF : 34.1/34

In: -0.000+/-0.000 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.1/34

asym_atr_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1230222.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1695078.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

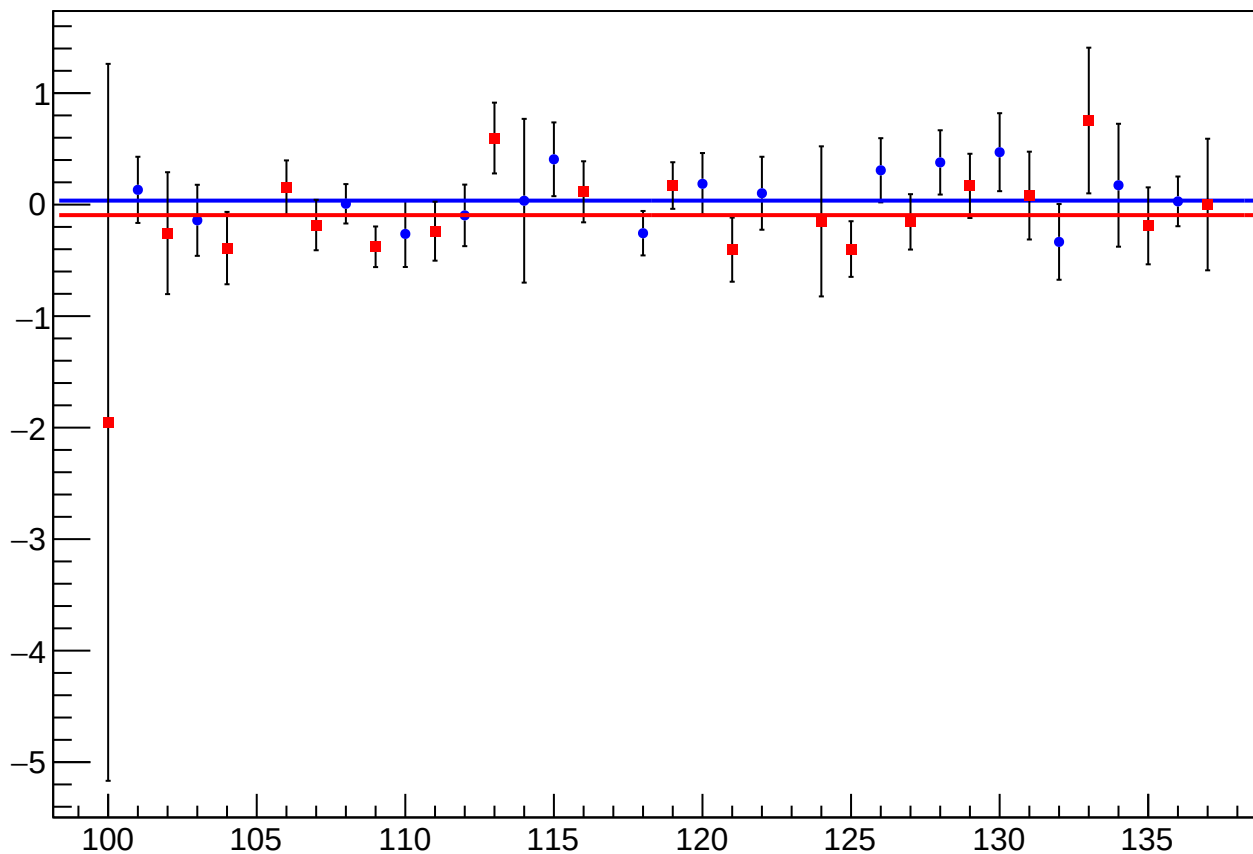
Right: 0.000+/-0.000 χ^2/NDF : 2932262.7/34

In: 0.000+/-0.000 χ^2/NDF : 1230222.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2932262.7/34

asym_atr_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 ± 0.071 $\chi^2/\text{NDF}: 10.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.094 ± 0.068 $\chi^2/\text{NDF}: 17.6/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

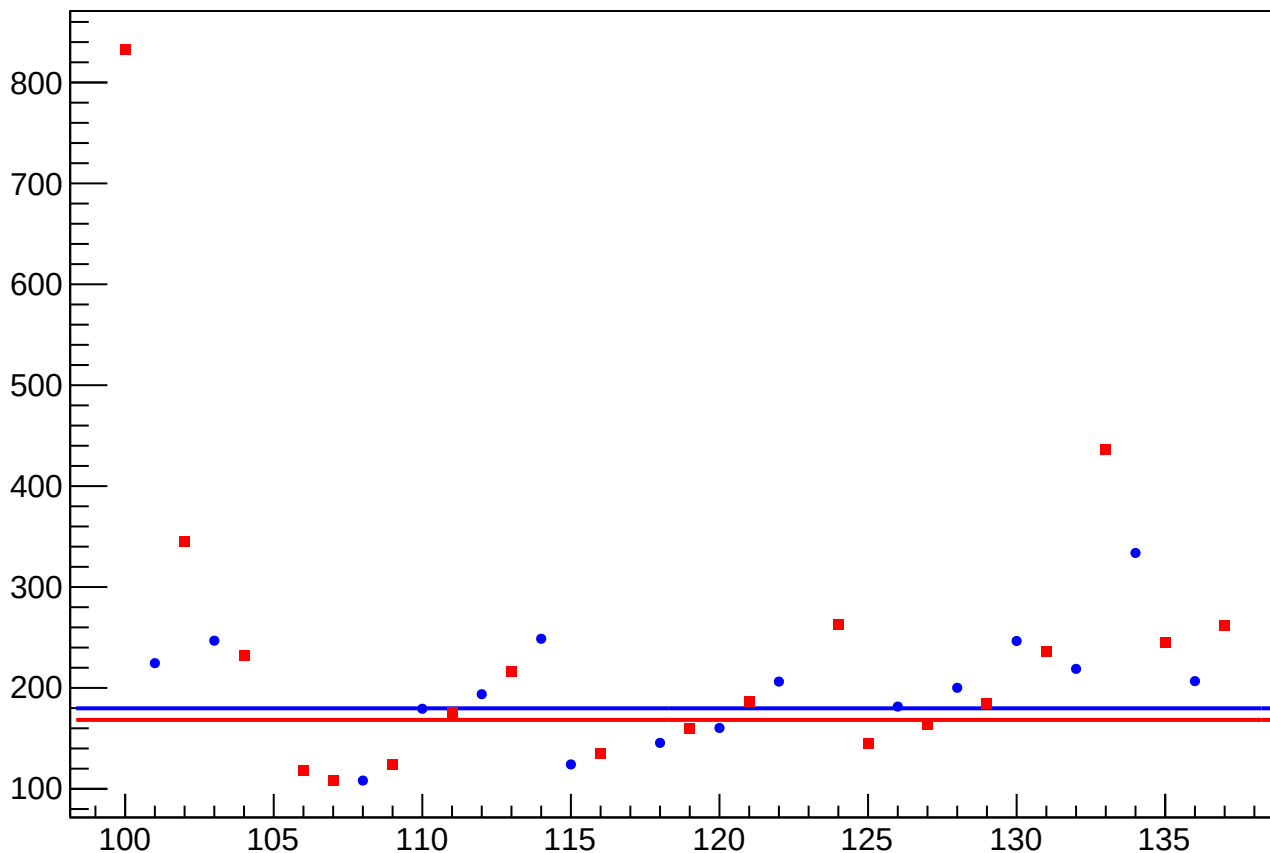
Right: -0.032 ± 0.049 $\chi^2/\text{NDF}: 29.9/34$

In: 0.036 ± 0.071 $\chi^2/\text{NDF}: 10.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.032 ± 0.049 $\chi^2/\text{NDF}: 29.9/34$

asym_atr_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF : 1409290.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

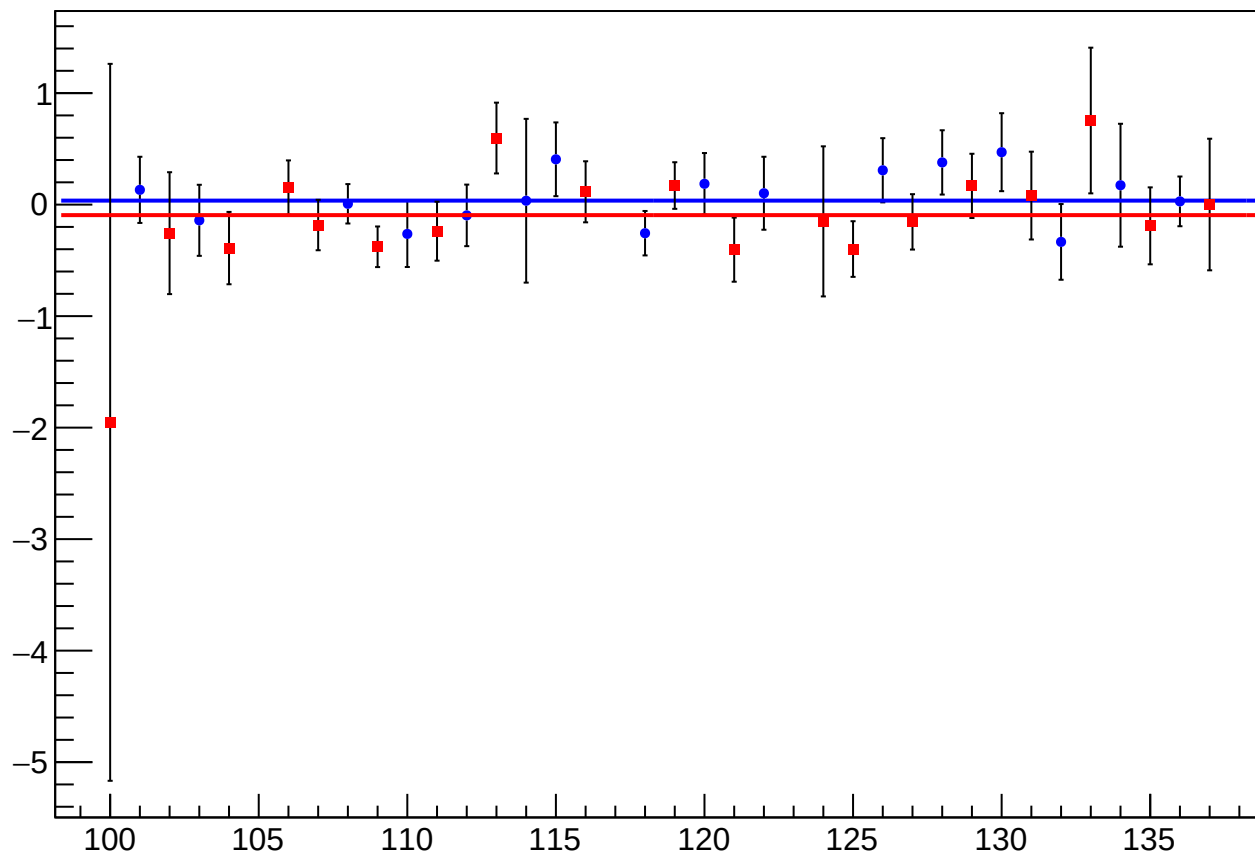
Right: 173.821+/-0.035 χ^2/NDF : 2355323.0/34

In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.821+/-0.035 χ^2/NDF : 2355323.0/34

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.071 χ^2/NDF : 10.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 $\pm$ 0.068 χ^2/NDF : 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

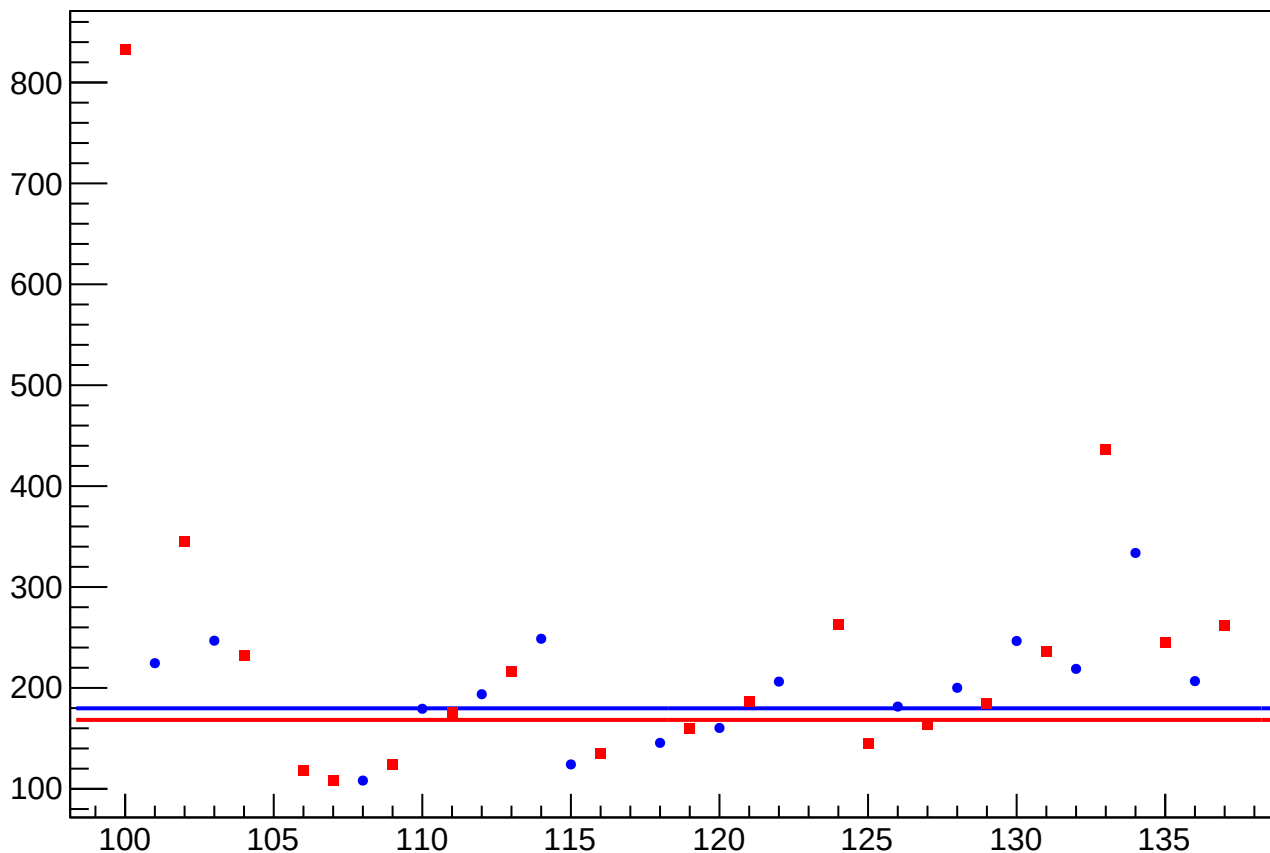
Right: -0.032 $\pm$ 0.049 χ^2/NDF : 29.9/34

In: 0.036 $\pm$ 0.071 χ^2/NDF : 10.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.032 $\pm$ 0.049 χ^2/NDF : 29.9/34

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF : 1409290.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

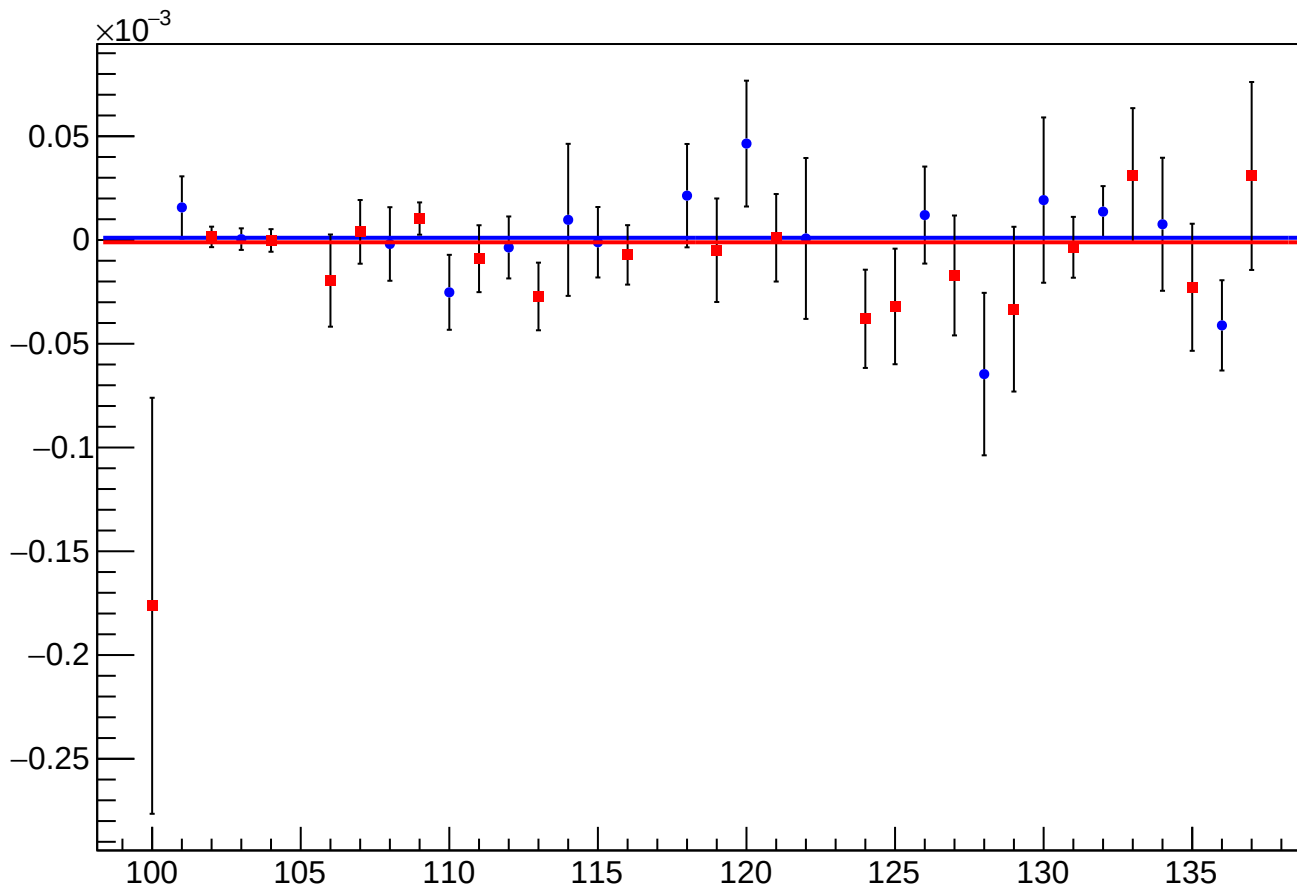
Right: 173.821+/-0.035 χ^2/NDF : 2355323.0/34

In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.821+/-0.035 χ^2/NDF : 2355323.0/34

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

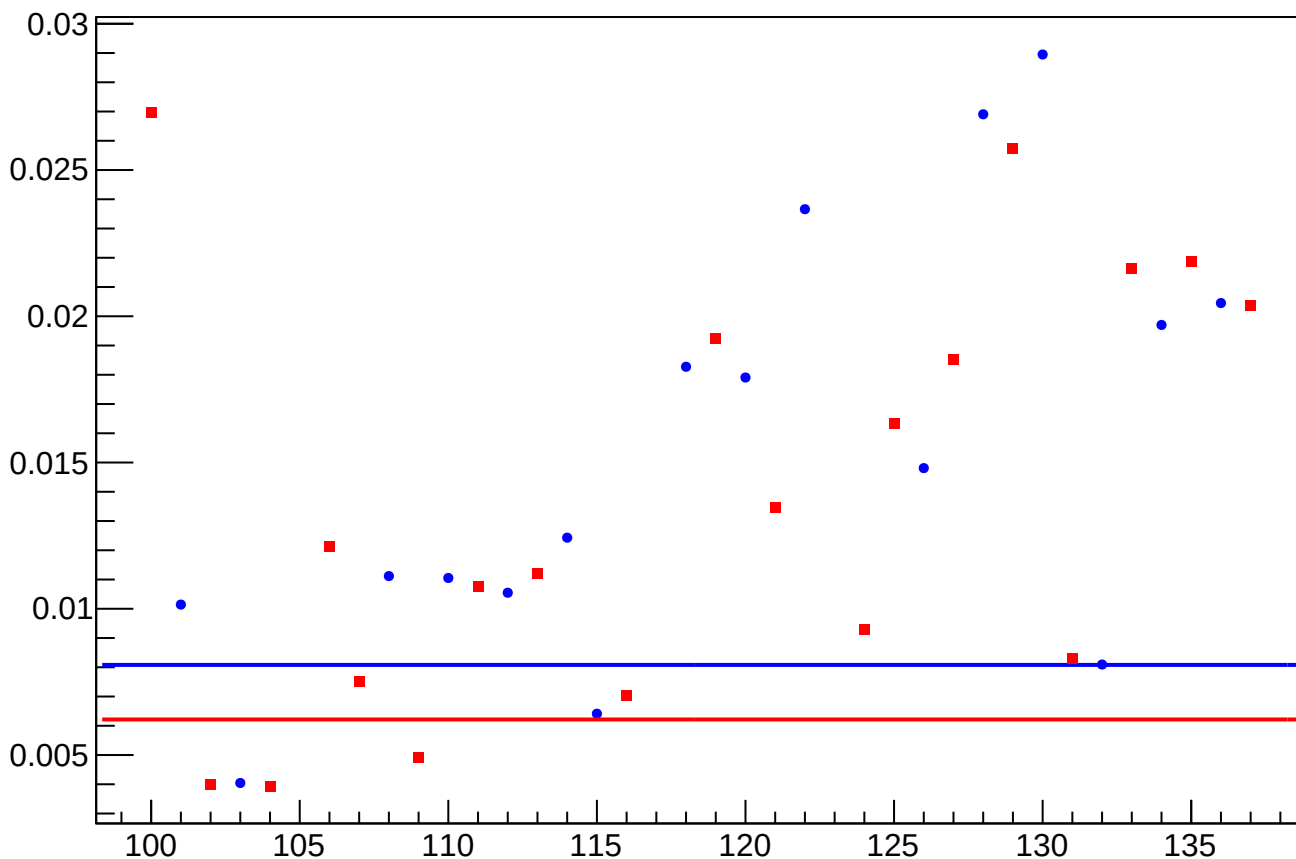
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF:14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/34

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 4413462.8/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 4560988.3/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 9295058.4/34

In: 0.008+/-0.000

χ^2/NDF :4413462.8/15

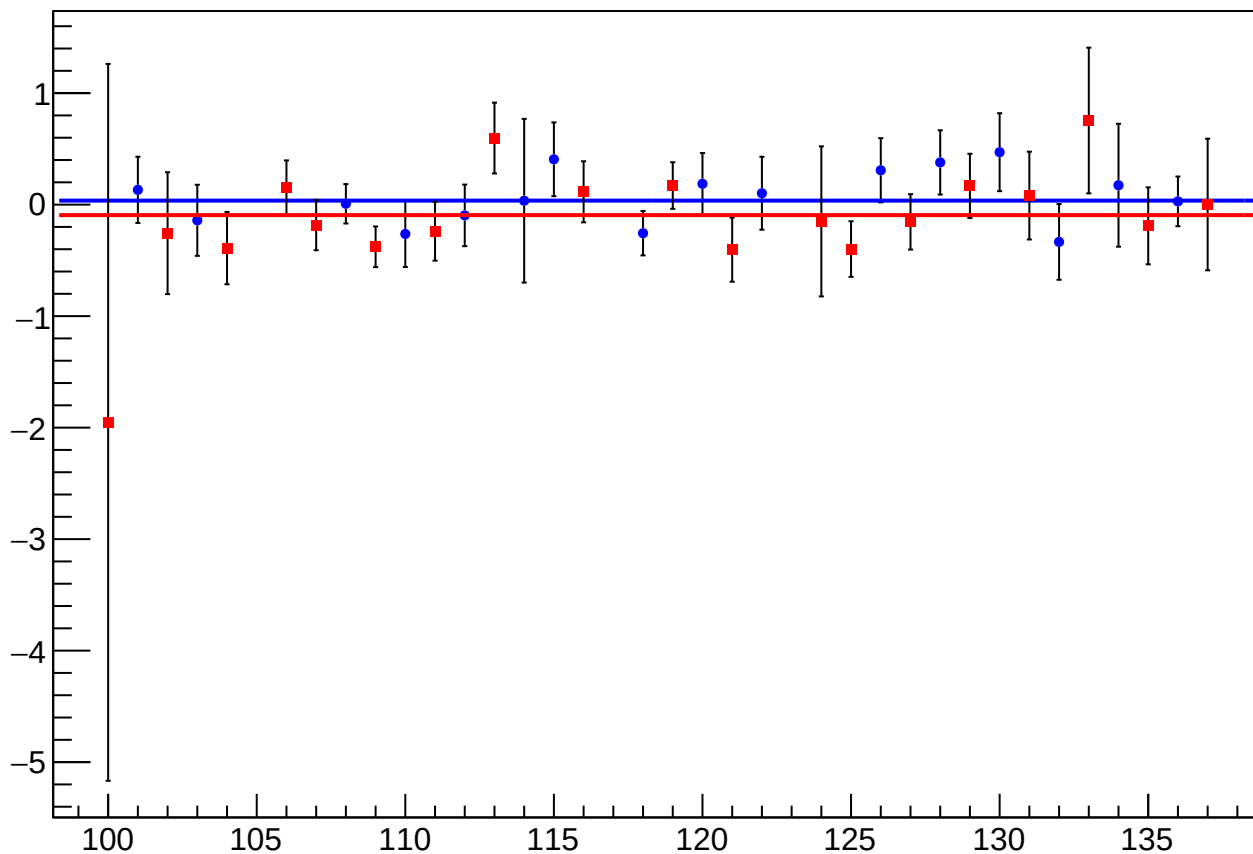
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.007+/-0.000

χ^2/NDF : 9295058.4/34

asym_atr_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.036 ± 0.071 χ^2/NDF : 10.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.068 χ^2/NDF : 17.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

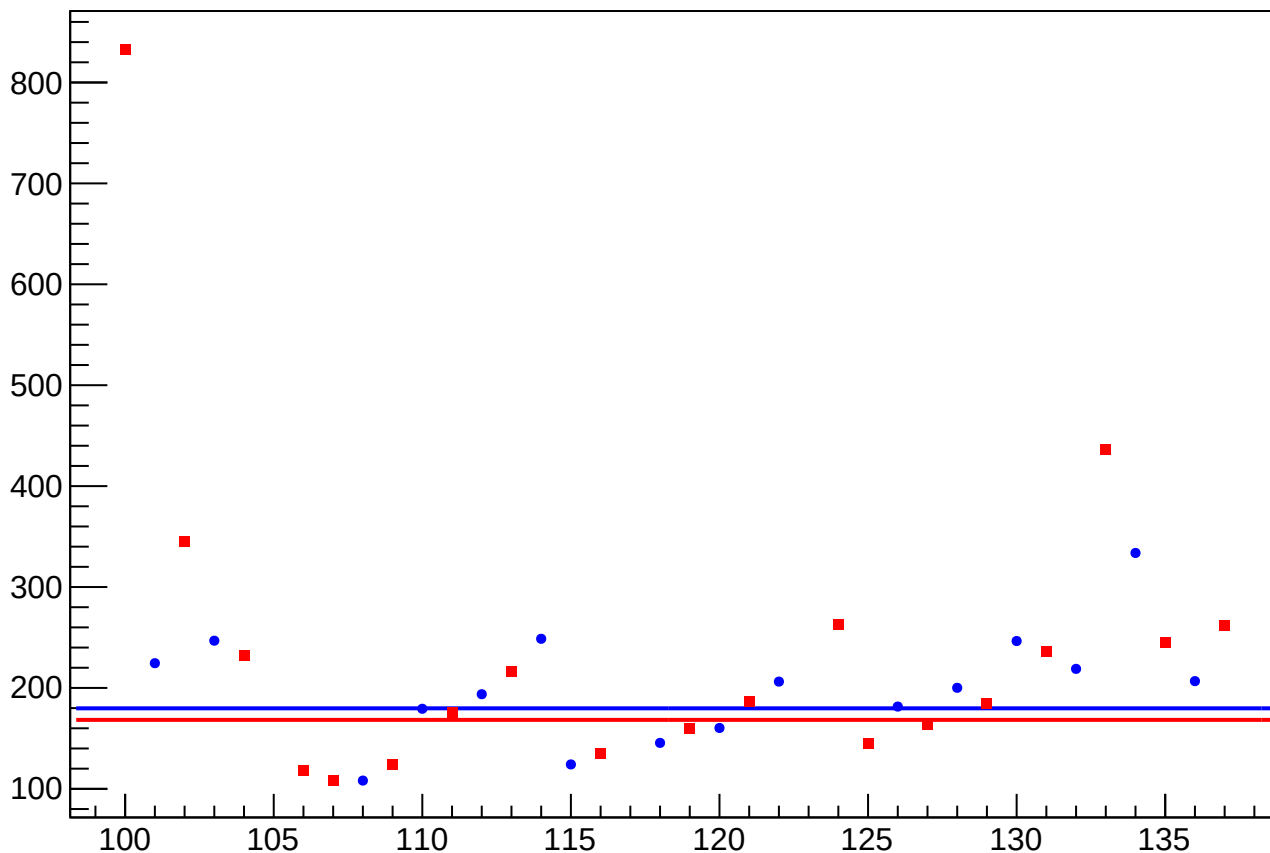
Right: -0.032 ± 0.049 χ^2/NDF : 29.9/34

In: 0.036 ± 0.071 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.032 ± 0.049 χ^2/NDF : 29.9/34

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF : 1409289.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

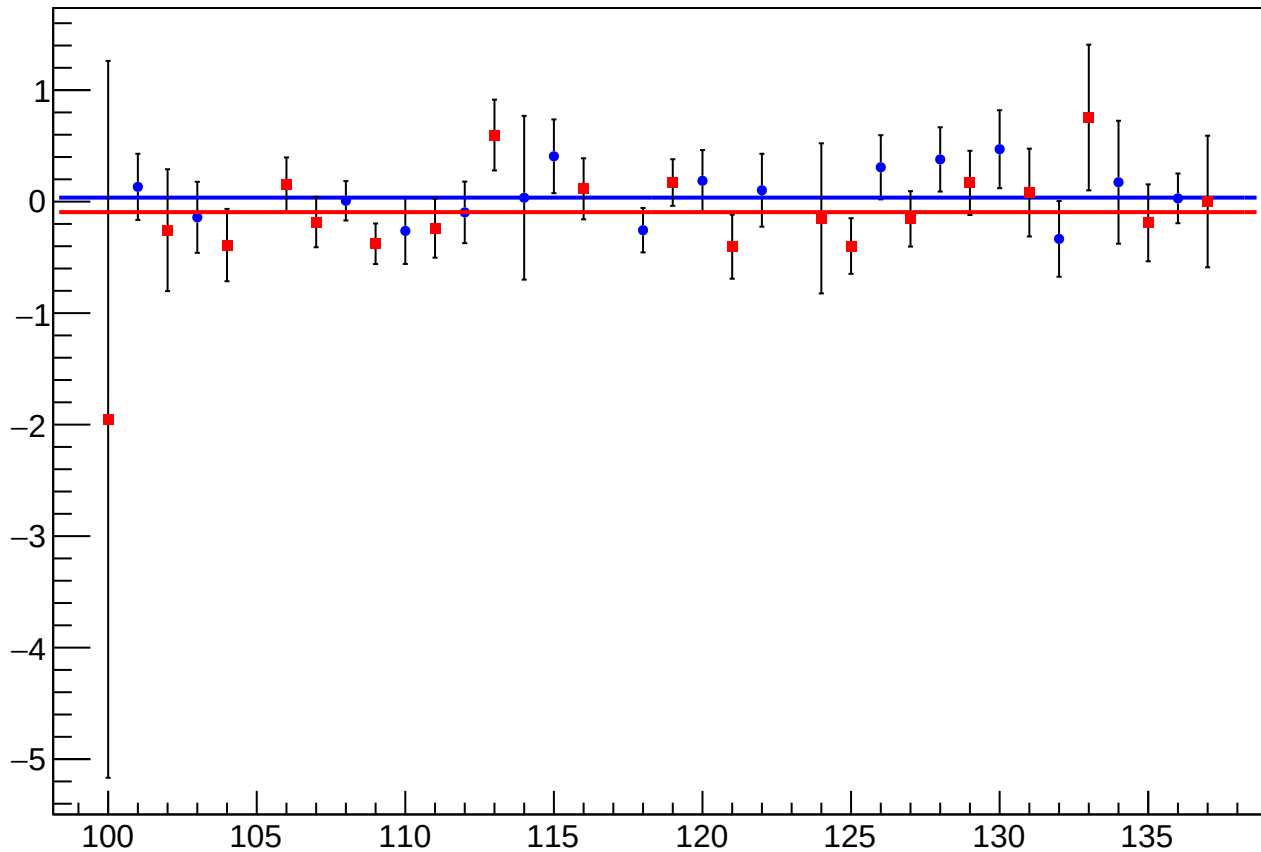
Right: 173.819+/-0.035 χ^2/NDF : 2355358.4/34

In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.819+/-0.035 χ^2/NDF : 2355358.4/34

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.036 $\pm$ 0.071 χ^2/NDF : 10.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 $\pm$ 0.068 χ^2/NDF : 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

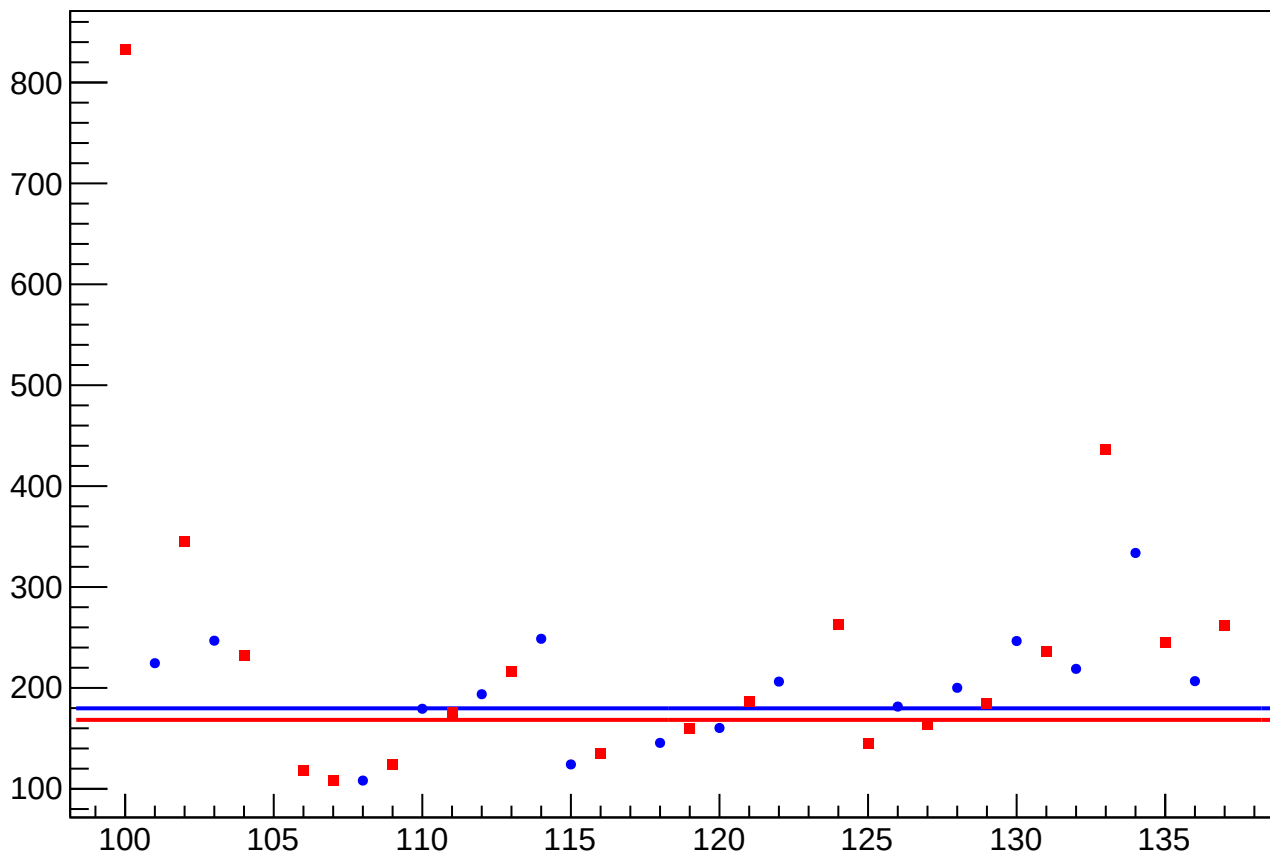
Right: -0.032 $\pm$ 0.049 χ^2/NDF : 29.9/34

In: 0.036 $\pm$ 0.071 χ^2/NDF : 10.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.032 $\pm$ 0.049 χ^2/NDF : 29.9/34

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.334+/-0.048 χ^2/NDF : 1409289.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

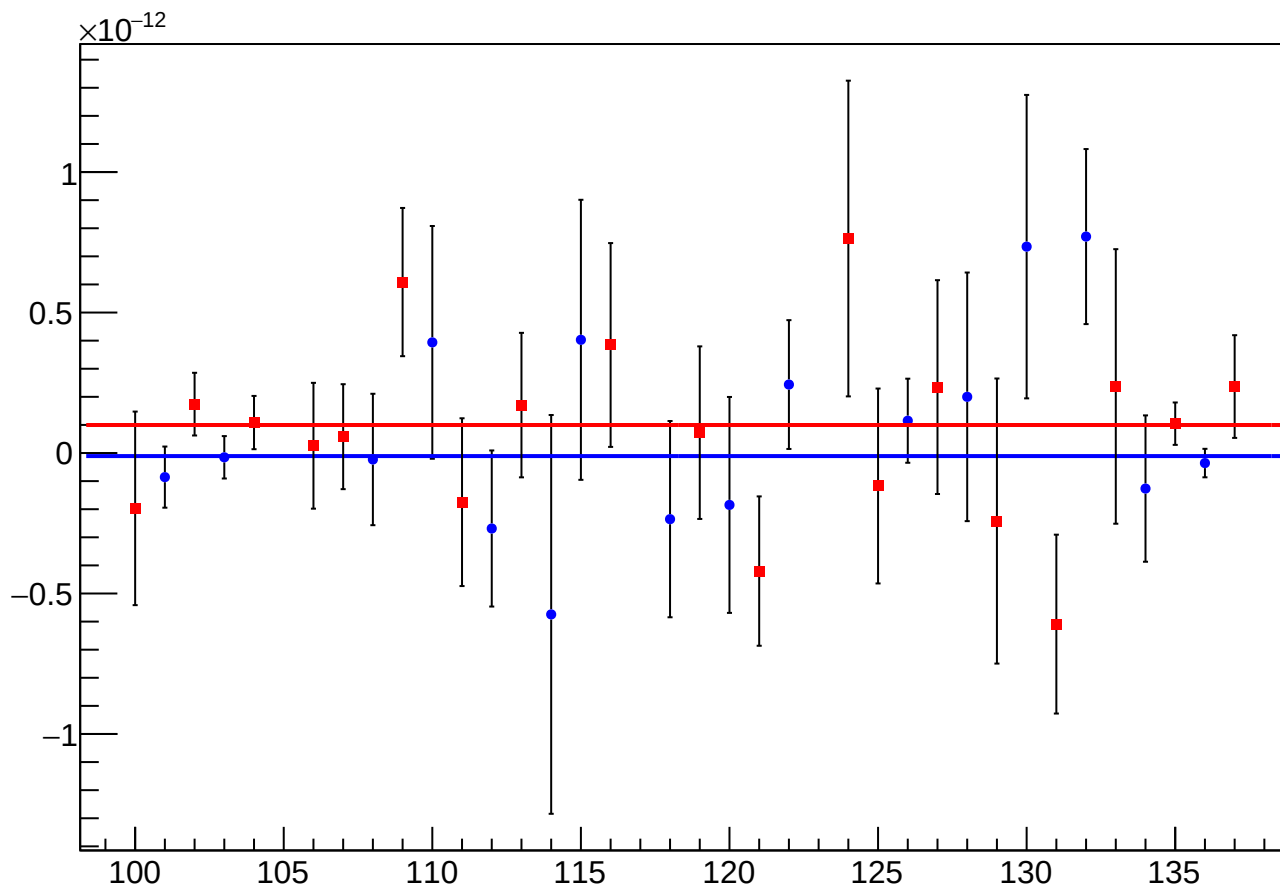
Right: 173.819+/-0.035 χ^2/NDF : 2355358.4/34

In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.819+/-0.035 χ^2/NDF : 2355358.4/34

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 15.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 18.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

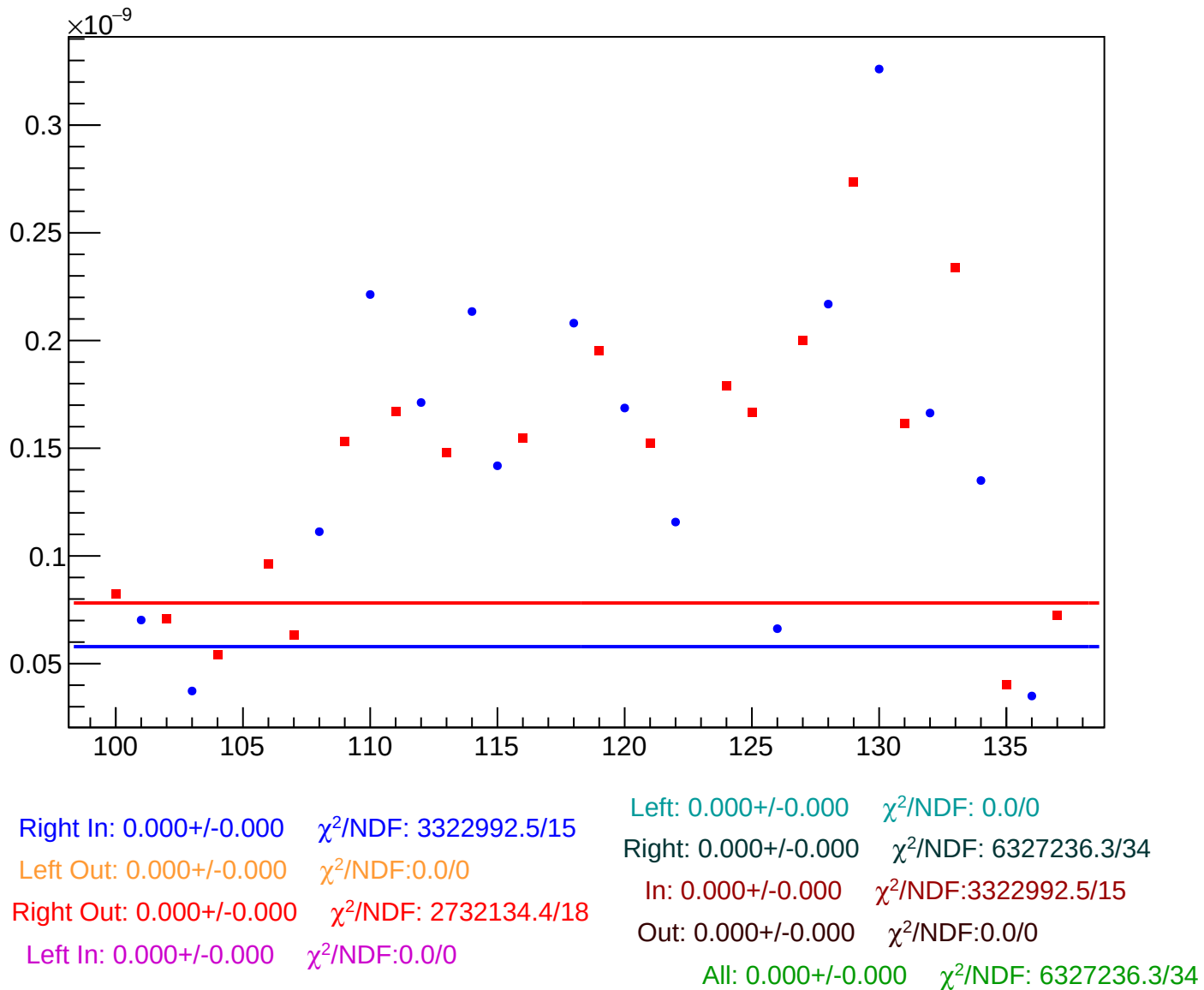
Right: 0.000 ± 0.000 χ^2/NDF : 37.5/34

In: -0.000 ± 0.000 χ^2/NDF : 15.0/15

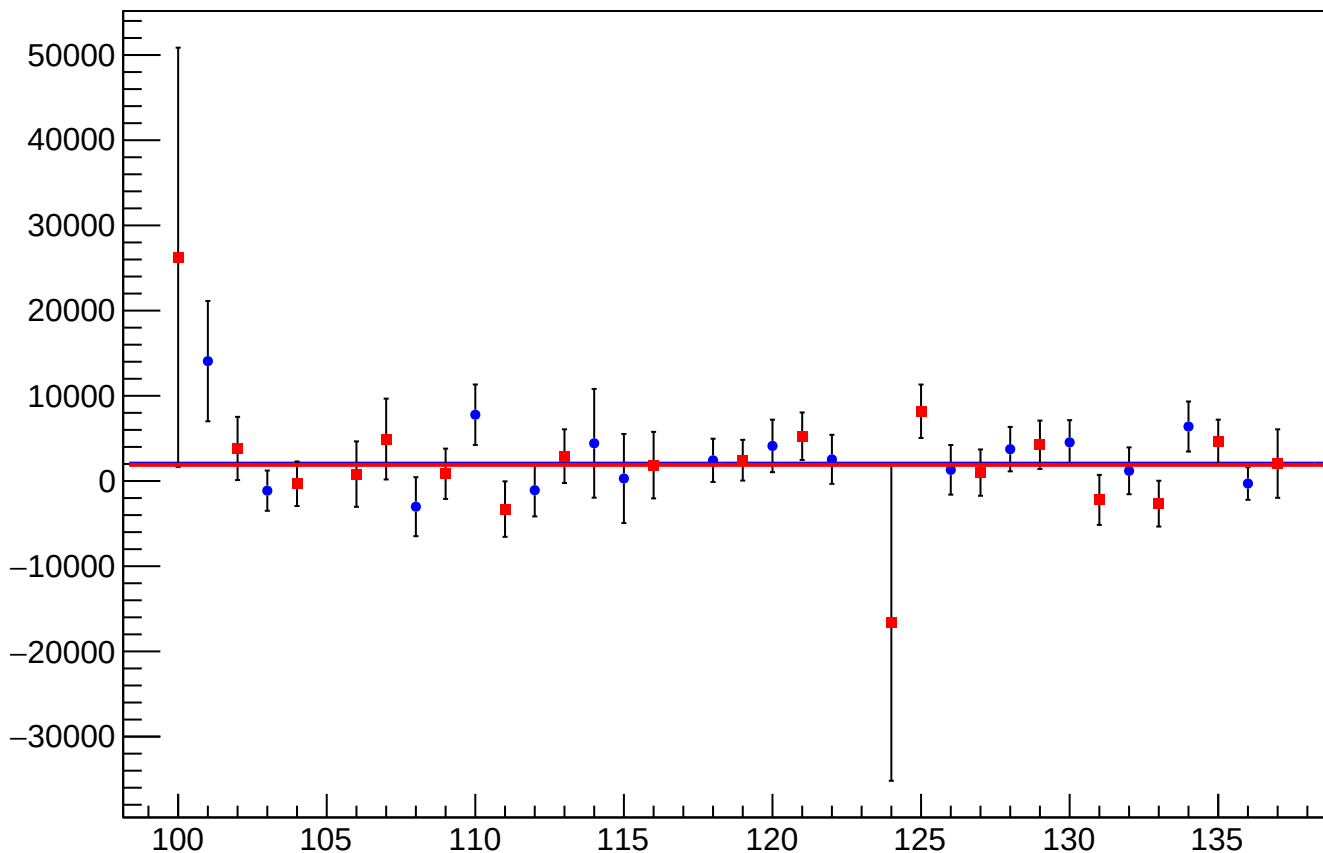
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 37.5/34

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2039.211+/-736.211 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.242+/-736.762 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

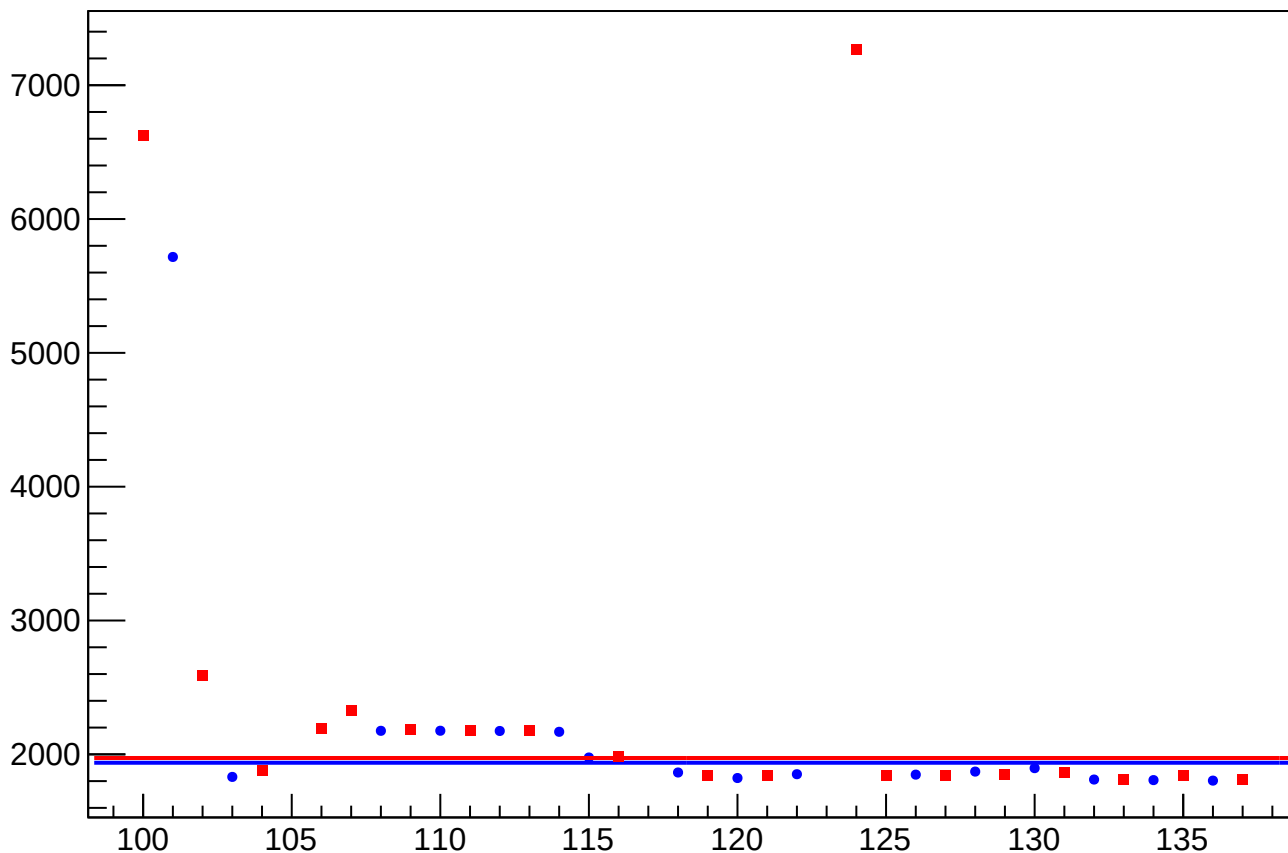
Right: 1967.281+/-520.774 χ^2/NDF : 35.0/34

In: 2039.211+/-736.211 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1967.281+/-520.774 χ^2/NDF : 35.0/34

reg_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.760+/-0.521 χ^2/NDF : 377537.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

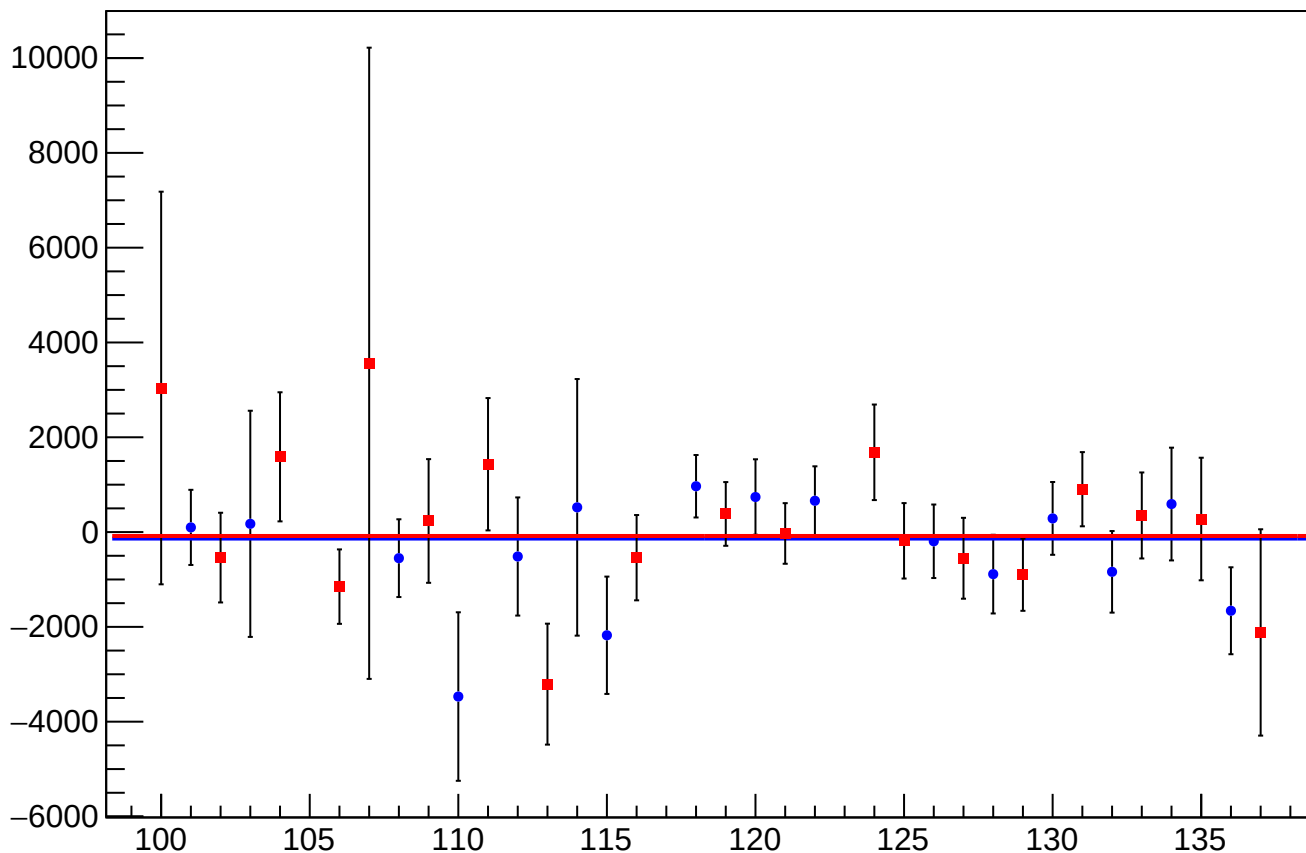
Right: 1954.992+/-0.368 χ^2/NDF : 1017954.2/34

In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.992+/-0.368 χ^2/NDF : 1017954.2/34

asym_at1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -136.643+/-230.431 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -82.296+/-222.019 χ^2/NDF : 19.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

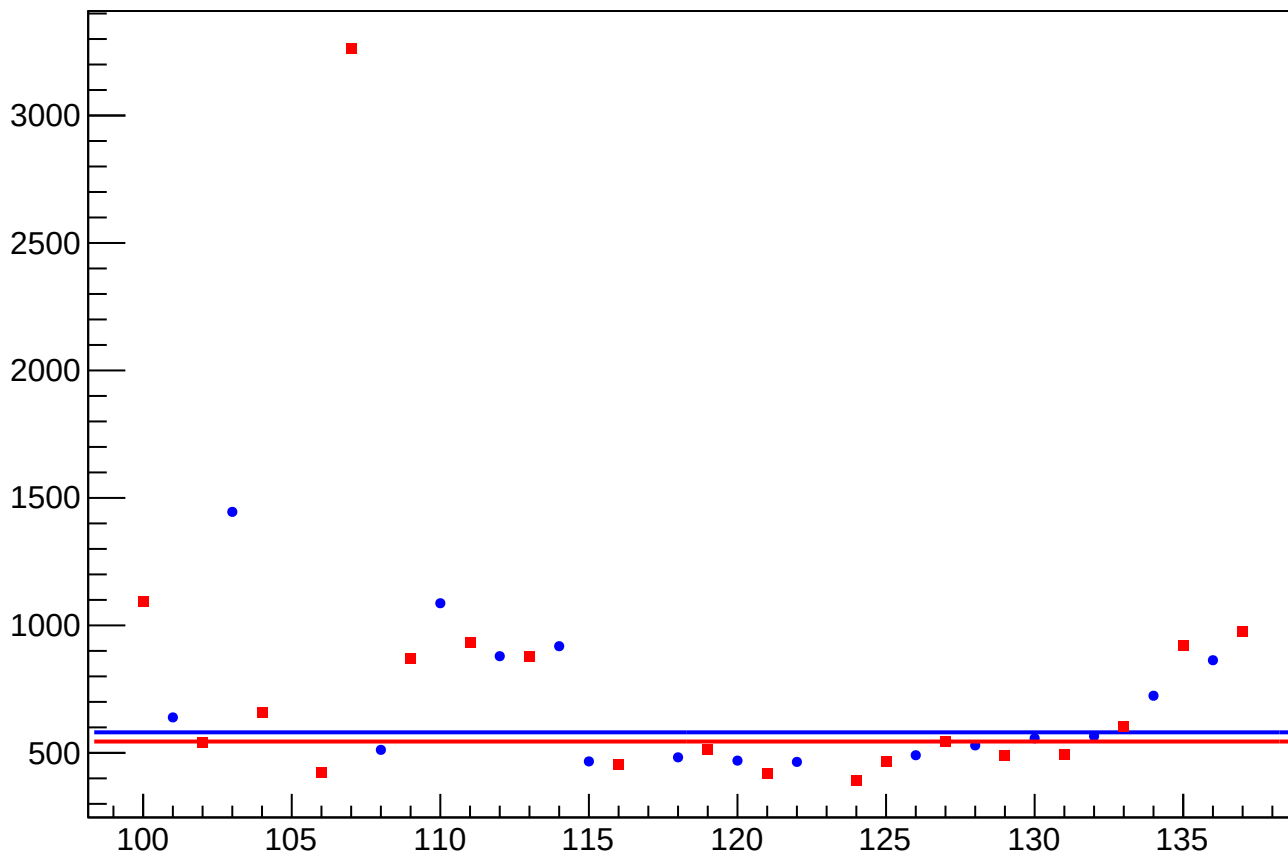
Right: -108.459+/-159.882 χ^2/NDF : 36.7/34

In: -136.643+/-230.431 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.459+/-159.882 χ^2/NDF : 36.7/34

asym_at1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 580.611+/-0.163 χ^2/NDF : 1003410.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.530+/-0.157 χ^2/NDF : 1287643.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

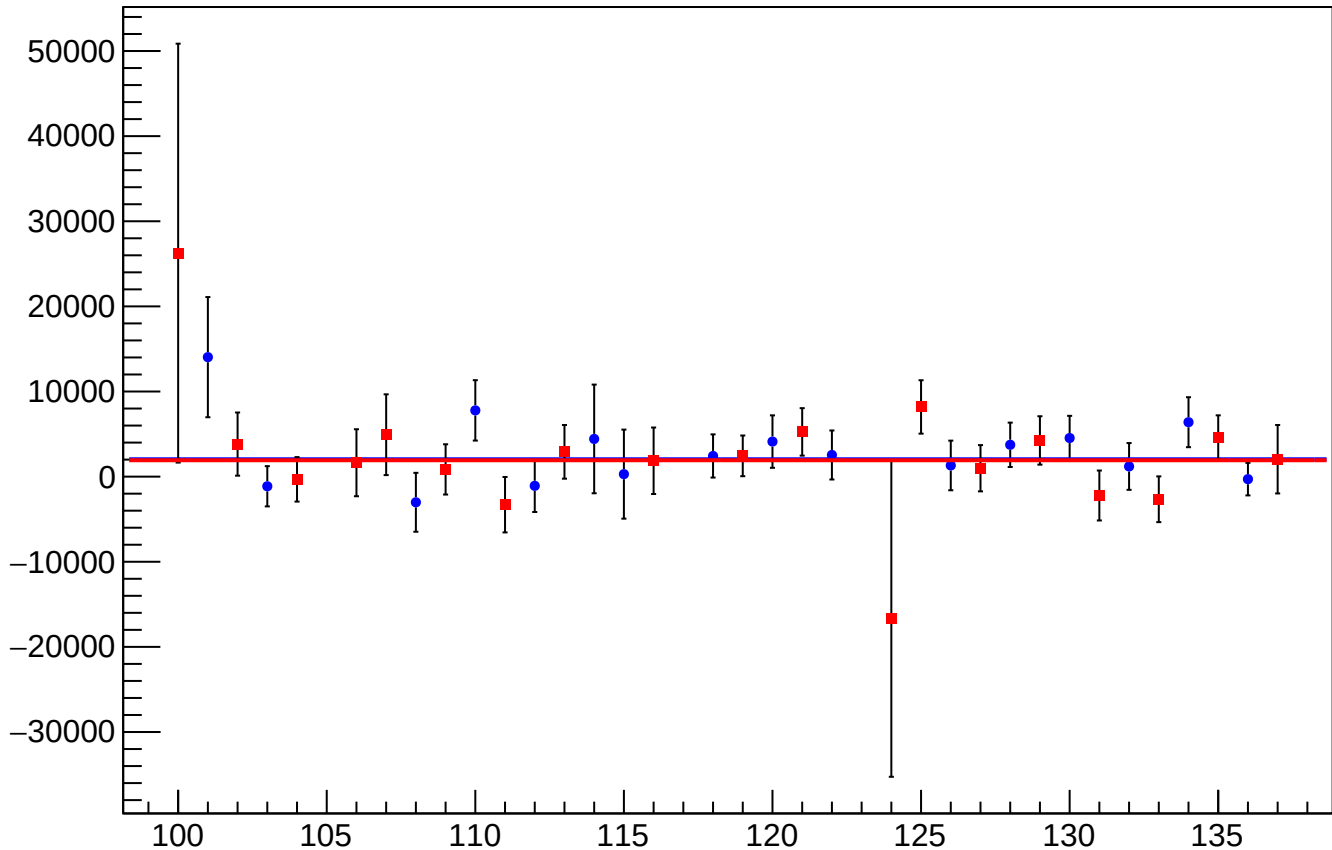
Right: 561.900+/-0.113 χ^2/NDF : 2316481.8/34

In: 580.611+/-0.163 χ^2/NDF : 1003410.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.900+/-0.113 χ^2/NDF : 2316481.8/34

cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2038.842+/-736.211 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.264+/-737.411 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

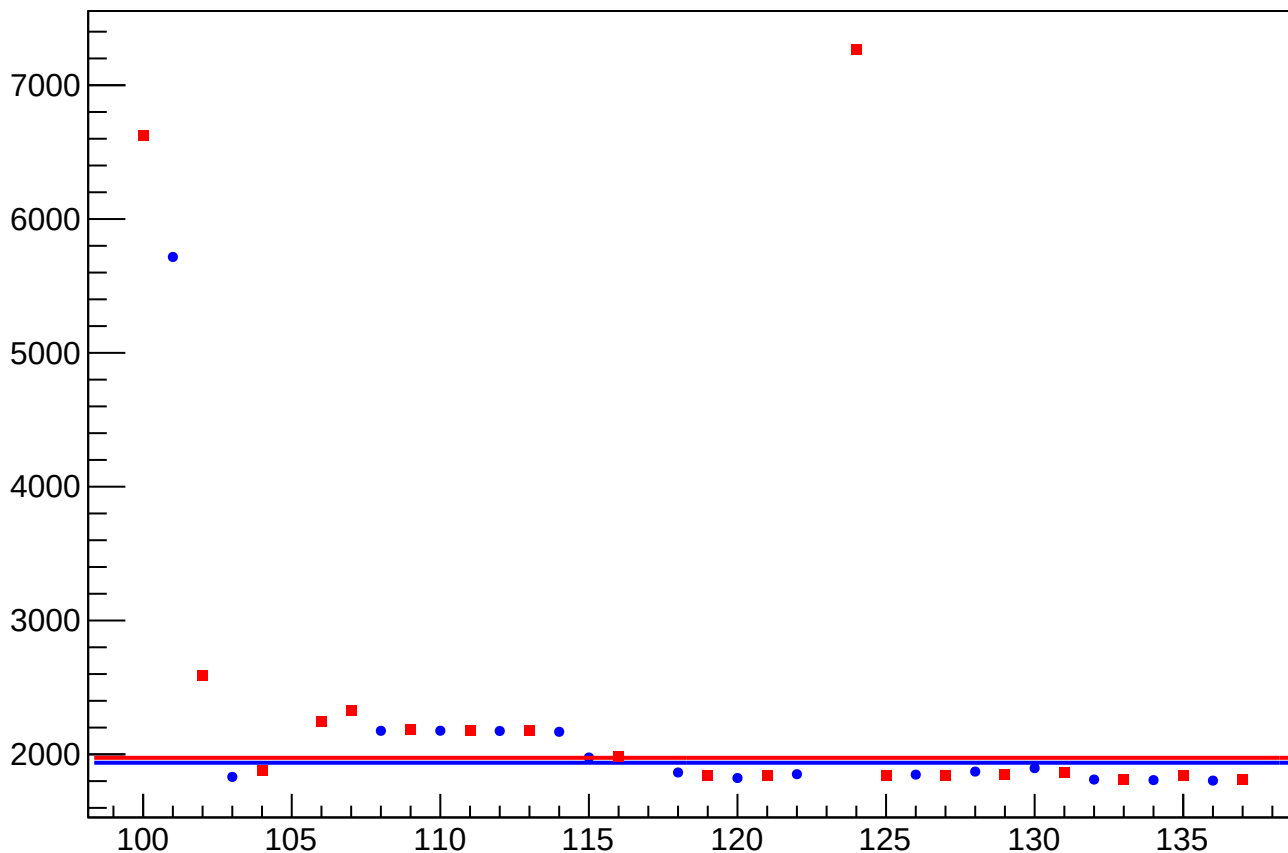
Right: 1982.645+/-521.003 χ^2/NDF : 34.9/34

In: 2038.842+/-736.211 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.645+/-521.003 χ^2/NDF : 34.9/34

cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.155+/-0.521 χ^2/NDF : 380430.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

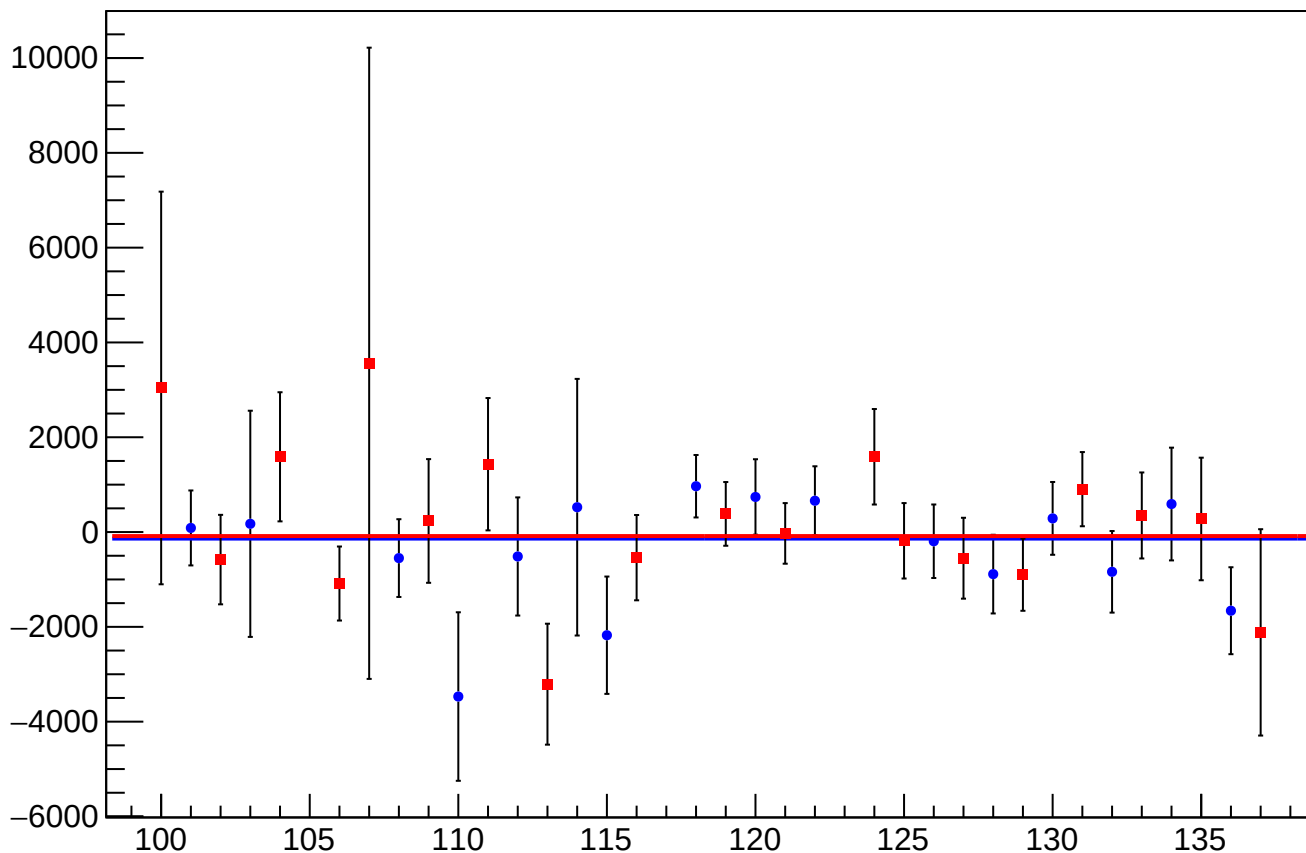
Right: 1955.673+/-0.368 χ^2/NDF : 1021031.8/34

In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1955.673+/-0.368 χ^2/NDF : 1021031.8/34

asym_at1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.947+/-221.881 χ^2/NDF : 19.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

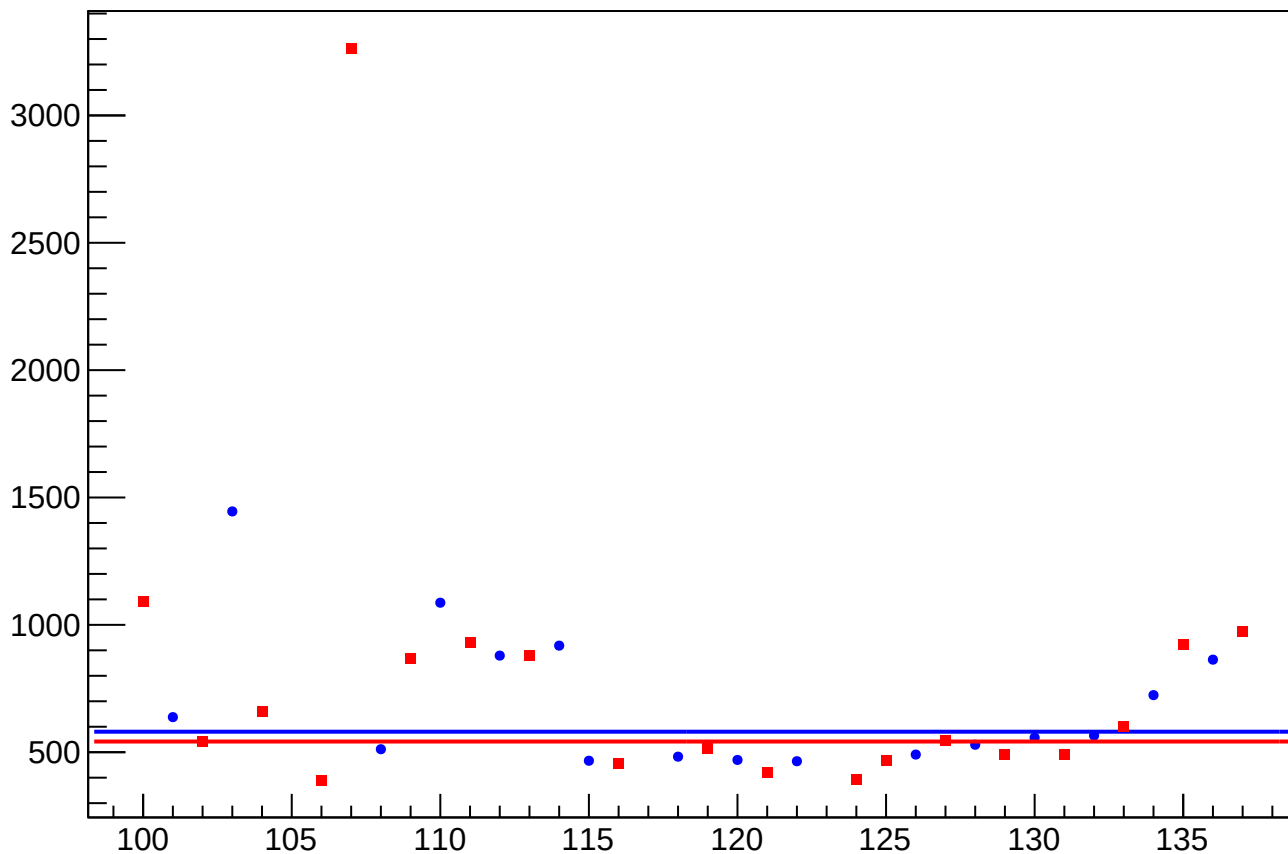
Right: -110.232+/-159.814 χ^2/NDF : 36.2/34

In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.232+/-159.814 χ^2/NDF : 36.2/34

asym_at1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.939+/-0.157 χ^2/NDF : 1318850.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

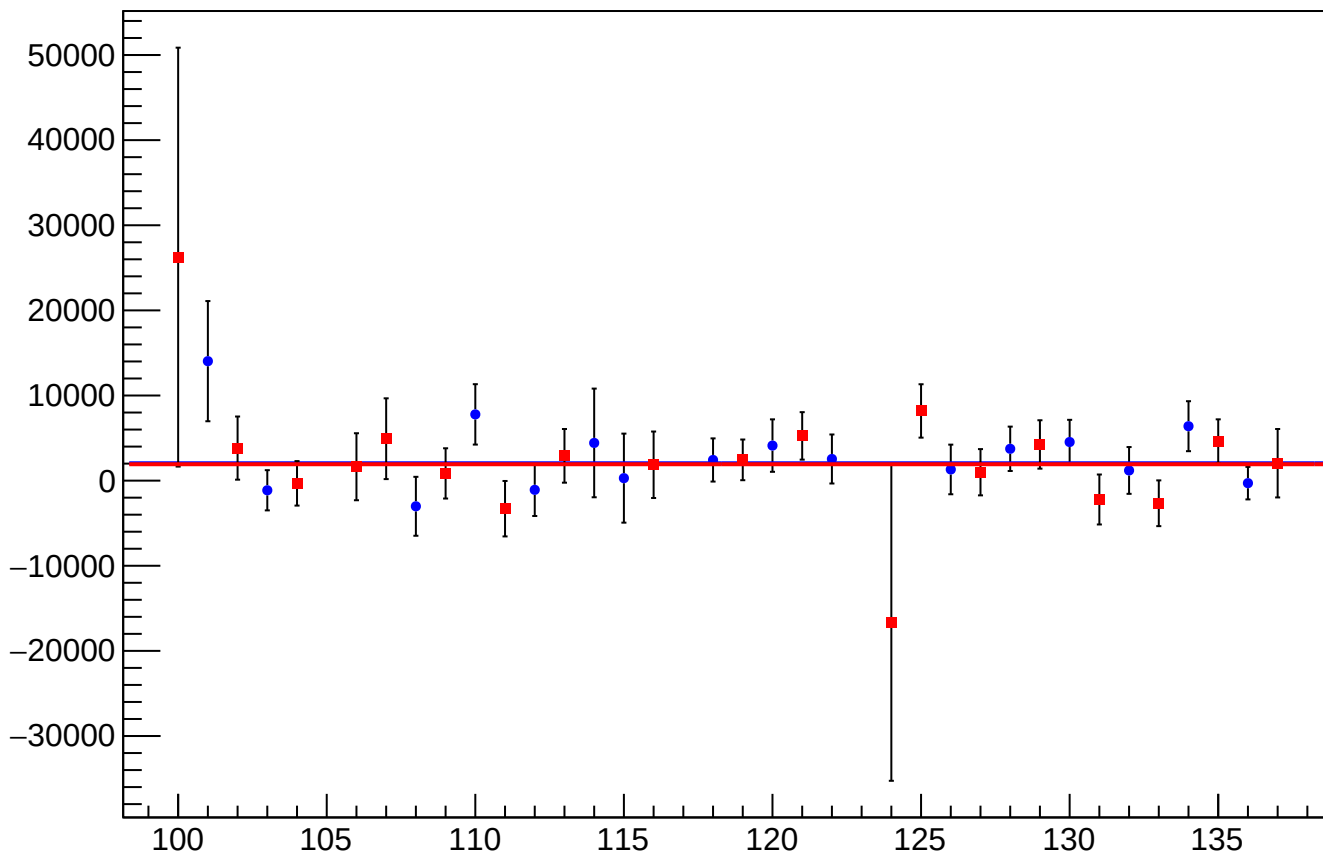
Right: 560.504+/-0.113 χ^2/NDF : 2350848.1/34

In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.504+/-0.113 χ^2/NDF : 2350848.1/34

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2038.842+/-736.211 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.264+/-737.411 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

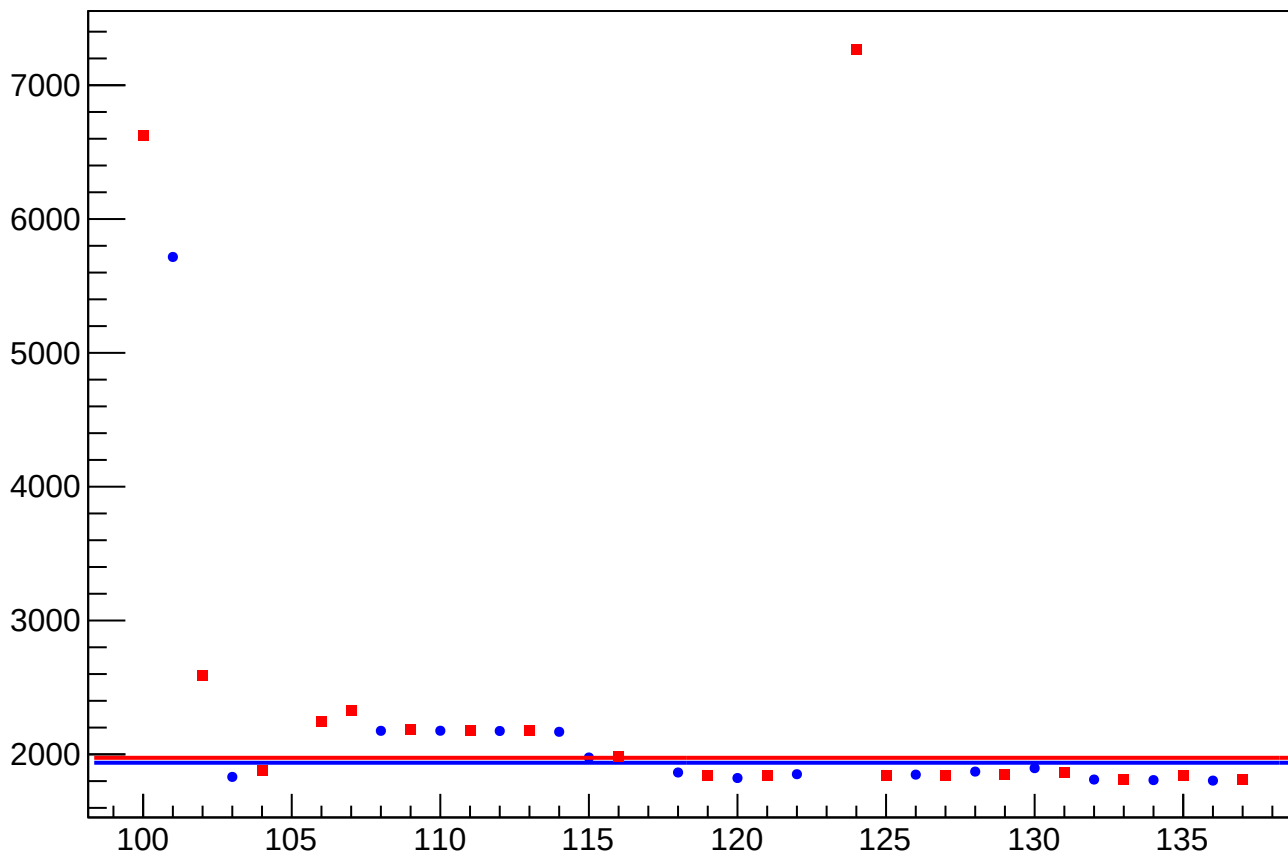
Right: 1982.645+/-521.003 χ^2/NDF : 34.9/34

In: 2038.842+/-736.211 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1982.645+/-521.003 χ^2/NDF : 34.9/34

eigen_cor_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1974.155+/-0.521 χ^2/NDF : 380430.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

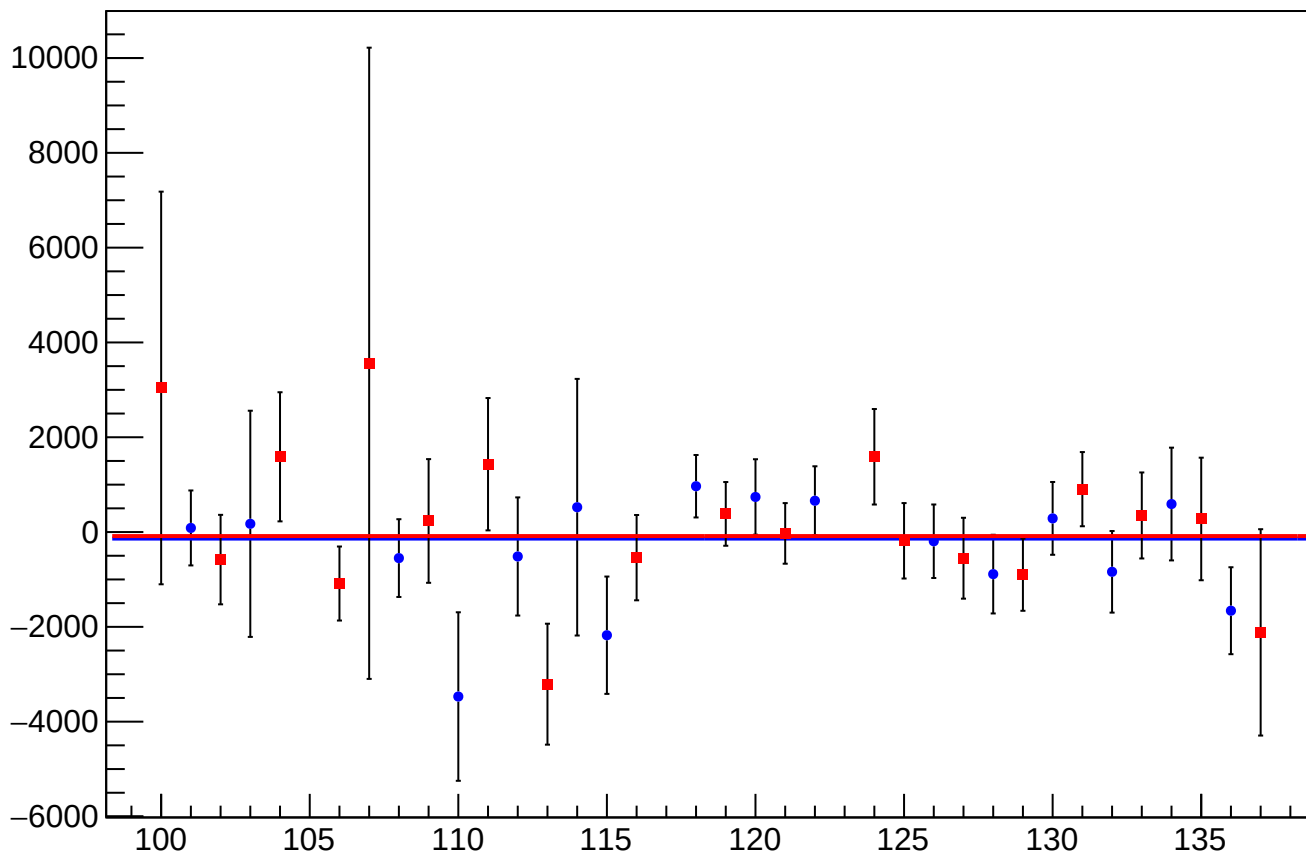
Right: 1955.673+/-0.368 χ^2/NDF : 1021031.8/34

In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1955.673+/-0.368 χ^2/NDF : 1021031.8/34

asym_at1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -84.947+/-221.881 χ^2/NDF : 19.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

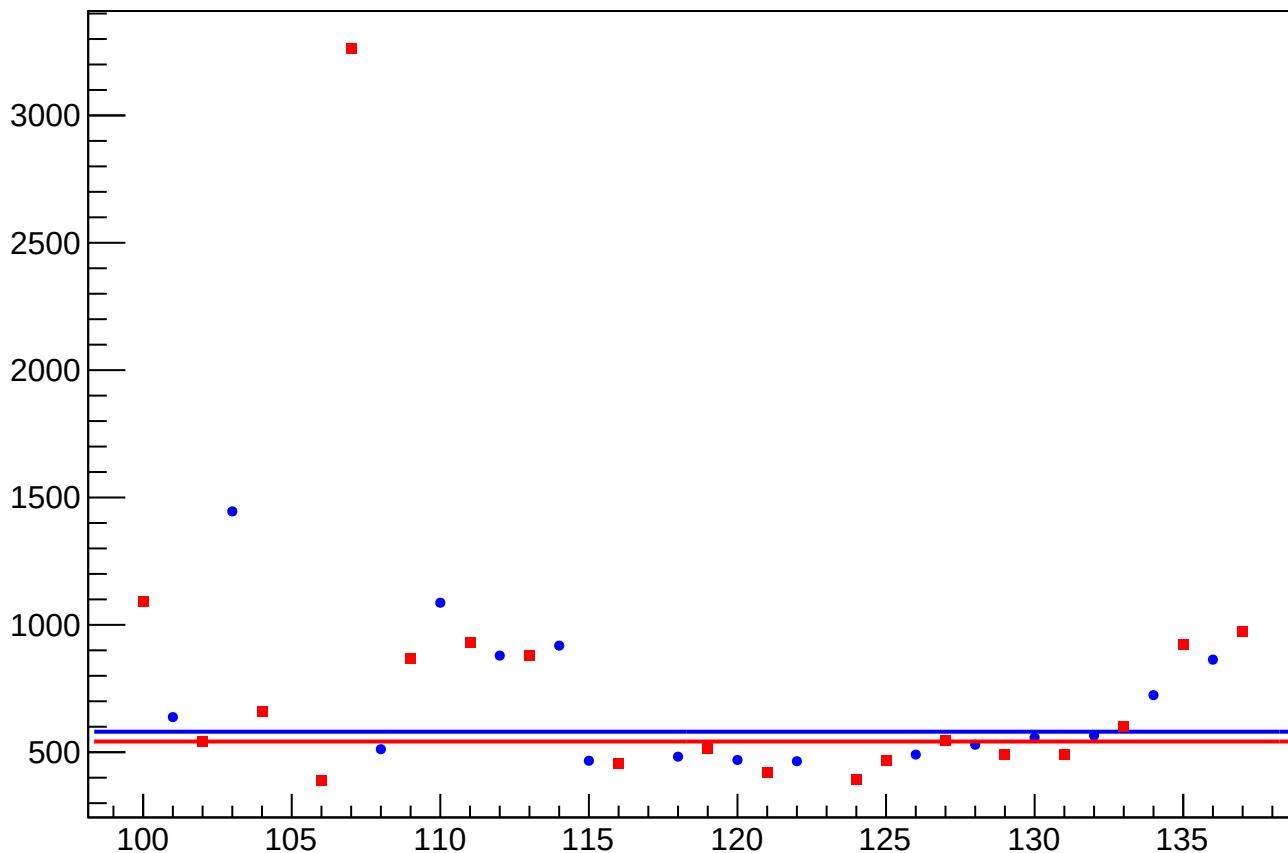
Right: -110.232+/-159.814 χ^2/NDF : 36.2/34

In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -110.232+/-159.814 χ^2/NDF : 36.2/34

asym_at1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 541.939+/-0.157 χ^2/NDF : 1318850.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

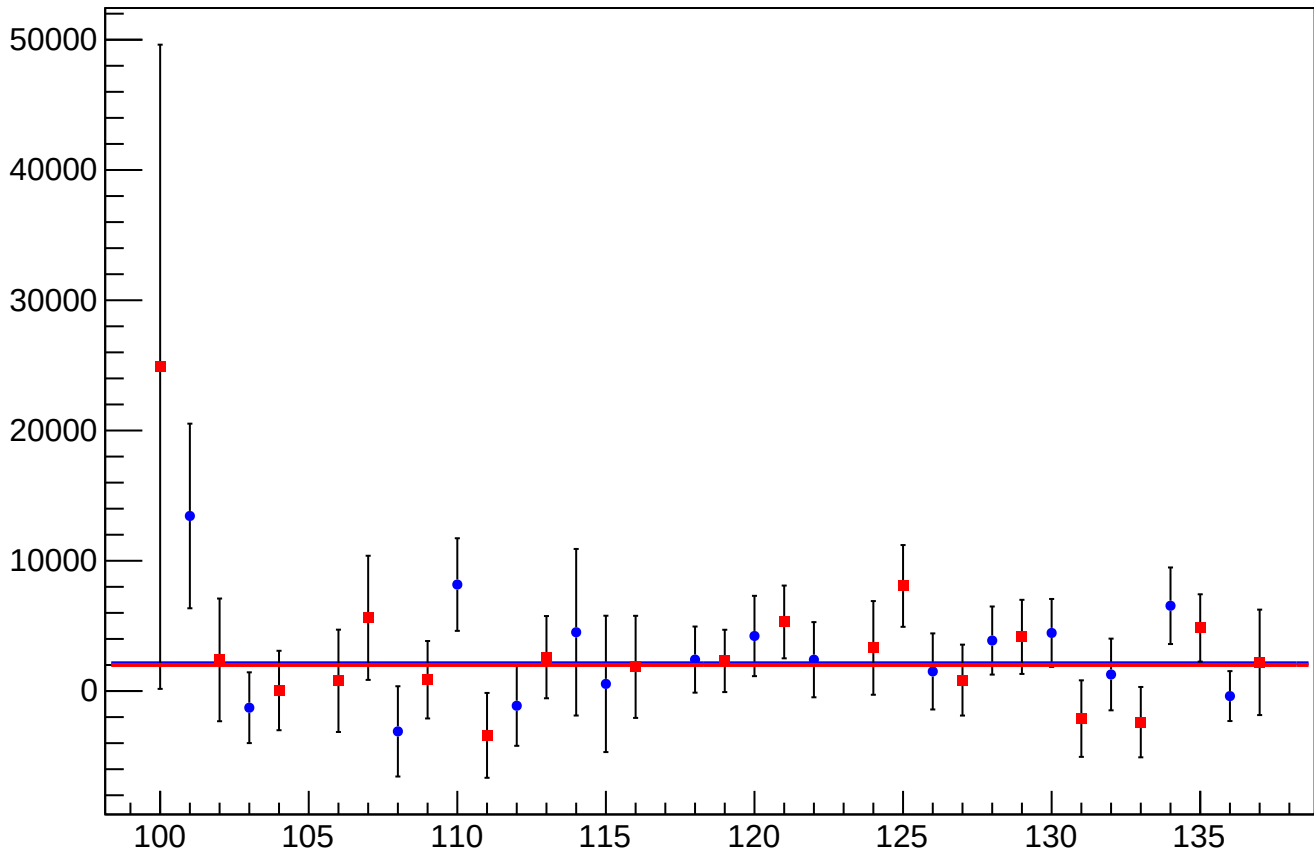
Right: 560.504+/-0.113 χ^2/NDF : 2350848.1/34

In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.504+/-0.113 χ^2/NDF : 2350848.1/34

dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2128.748+/-746.242 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2002.220+/-737.195 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

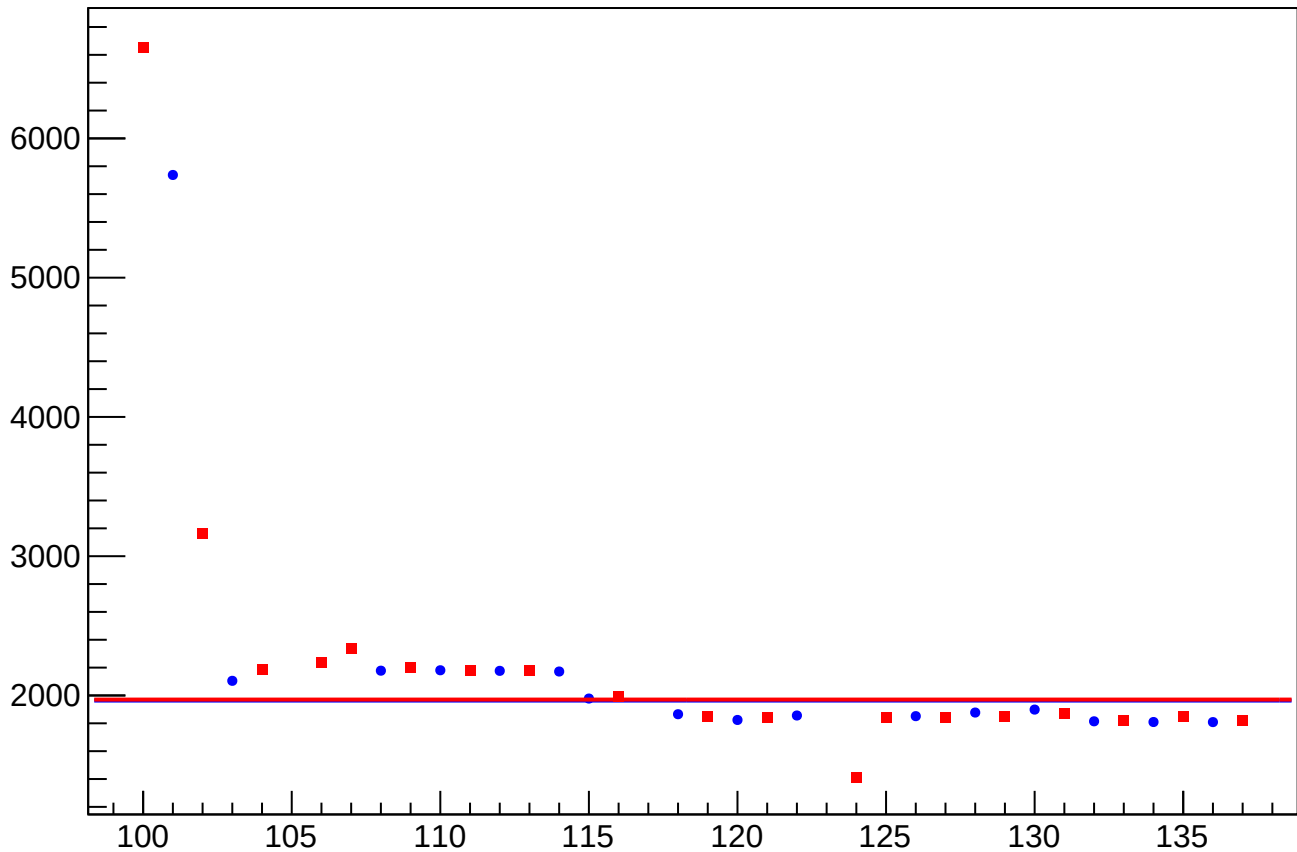
Right: 2064.712+/-524.445 χ^2/NDF : 33.3/34

In: 2128.748+/-746.242 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.712+/-524.445 χ^2/NDF : 33.3/34

dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1963.415+/-0.528 χ^2/NDF : 640254.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1970.459+/-0.521 χ^2/NDF : 345133.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

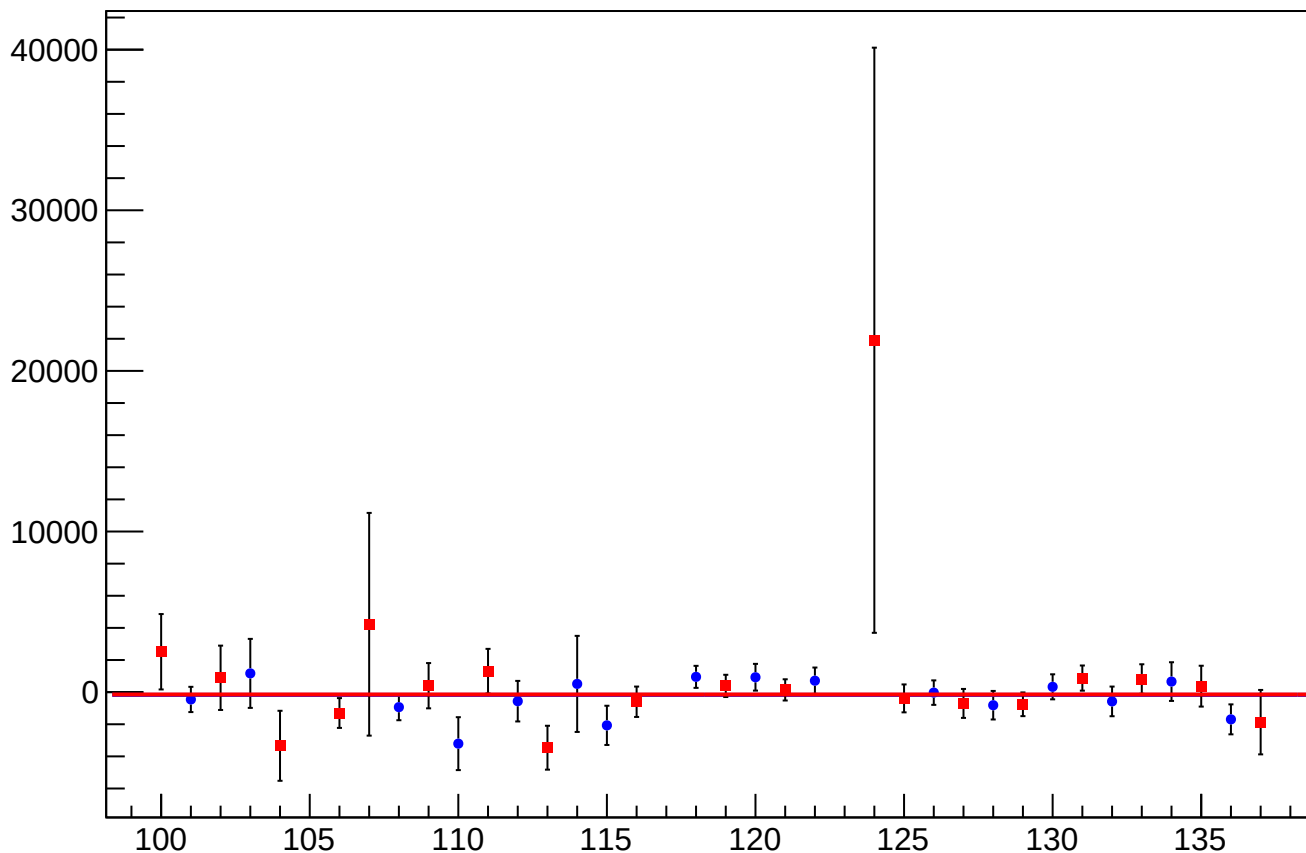
Right: 1966.980+/-0.371 χ^2/NDF : 985477.3/34

In: 1963.415+/-0.528 χ^2/NDF : 640254.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.980+/-0.371 χ^2/NDF : 985477.3/34

asym_at1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -170.774 +/- -236.912 χ^2/NDF : 17.2/15

Left Out: 0.000 +/- -0.000 χ^2/NDF : 0.0/0

Right Out: -147.489 +/- -242.848 χ^2/NDF : 20.1/18

Left In: 0.000 +/- -0.000 χ^2/NDF : 0.0/0

Left: 0.000 +/- -0.000 χ^2/NDF : 0.0/0

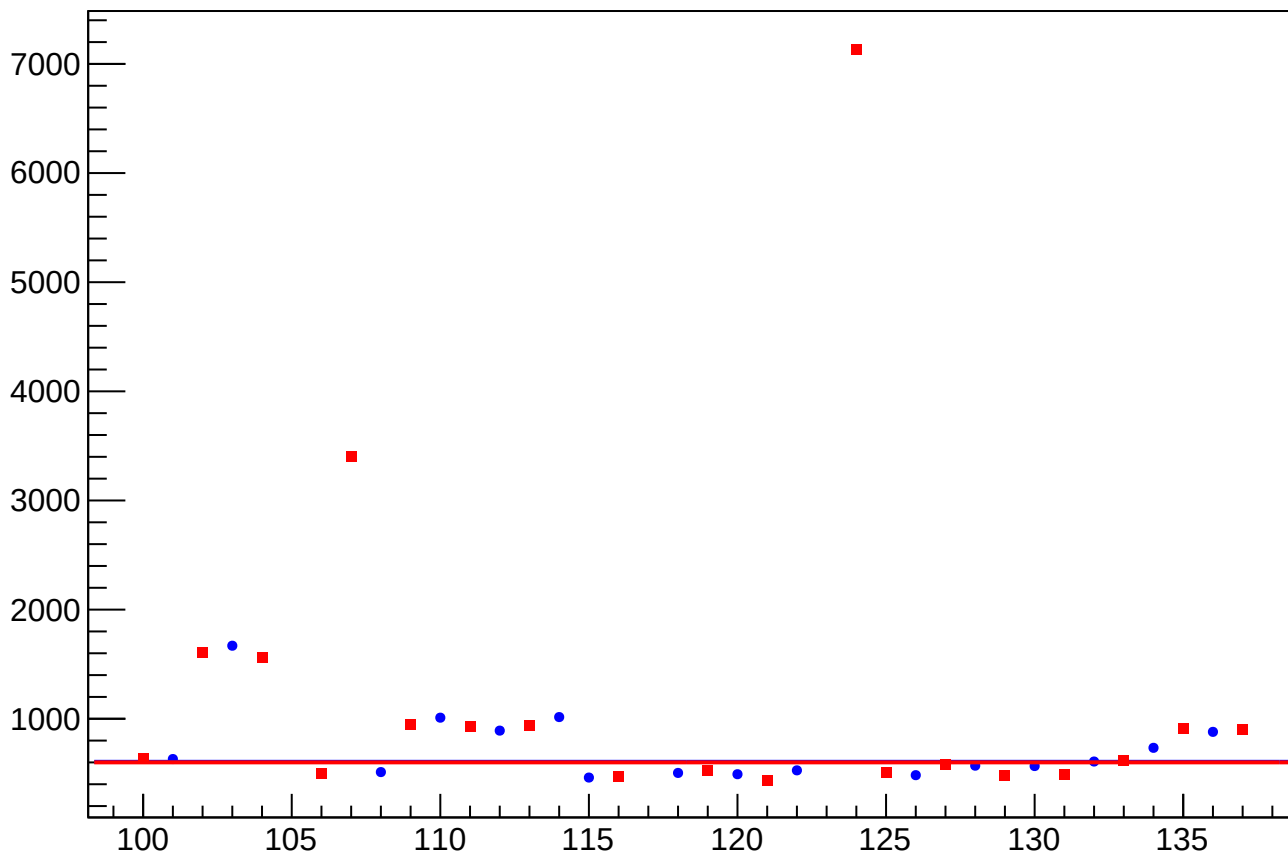
Right: -159.420 +/- -169.582 χ^2/NDF : 37.3/34

In: -170.774 +/- -236.912 χ^2/NDF : 17.2/15

Out: 0.000 +/- -0.000 χ^2/NDF : 0.0/0

All: -159.420 +/- -169.582 χ^2/NDF : 37.3/34

asym_at1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.430+/-0.168 χ^2/NDF : 1162454.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.447+/-0.172 χ^2/NDF : 2328523.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

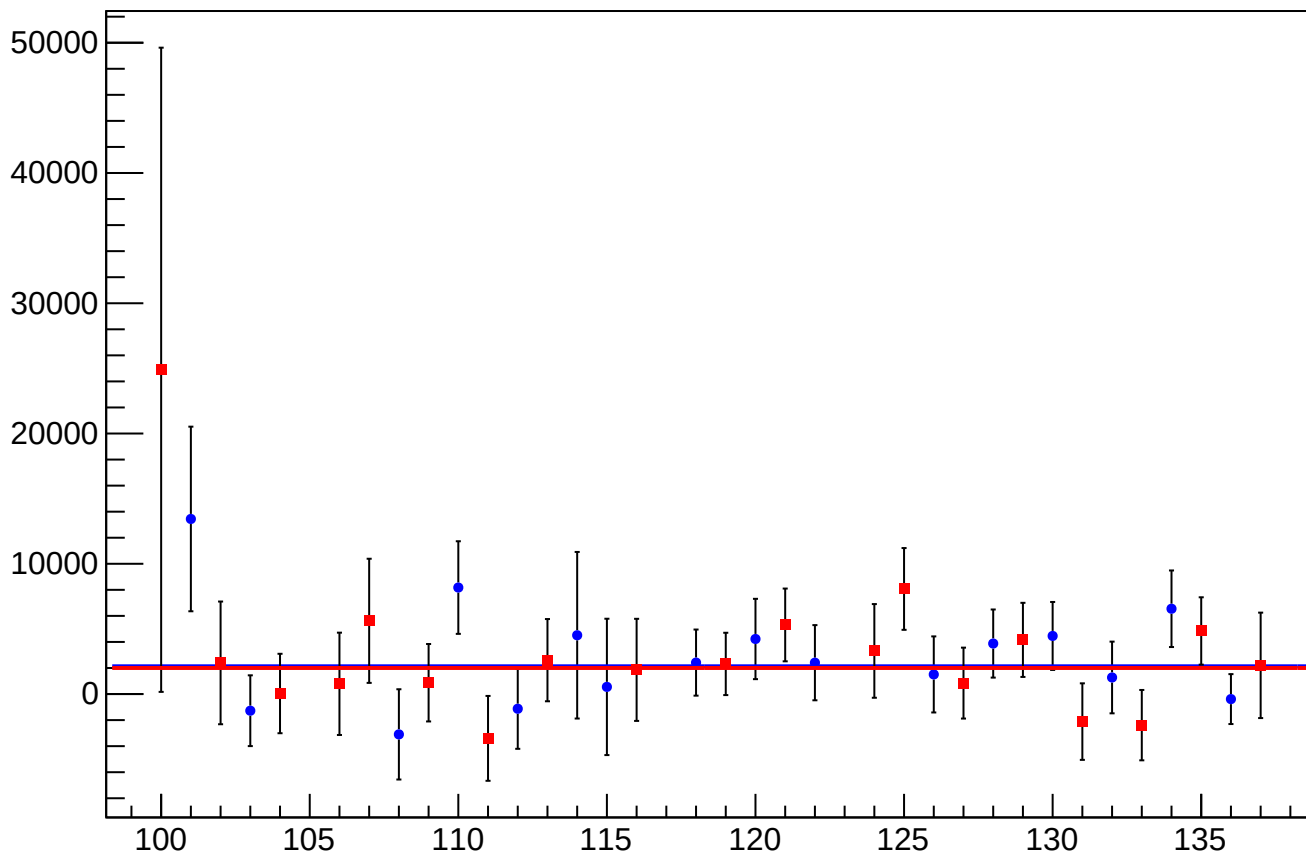
Right: 603.000+/-0.120 χ^2/NDF : 3491409.7/34

In: 605.430+/-0.168 χ^2/NDF : 1162454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 603.000+/-0.120 χ^2/NDF : 3491409.7/34

eigen_dit_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2128.746+/-746.242 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2002.218+/-737.195 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

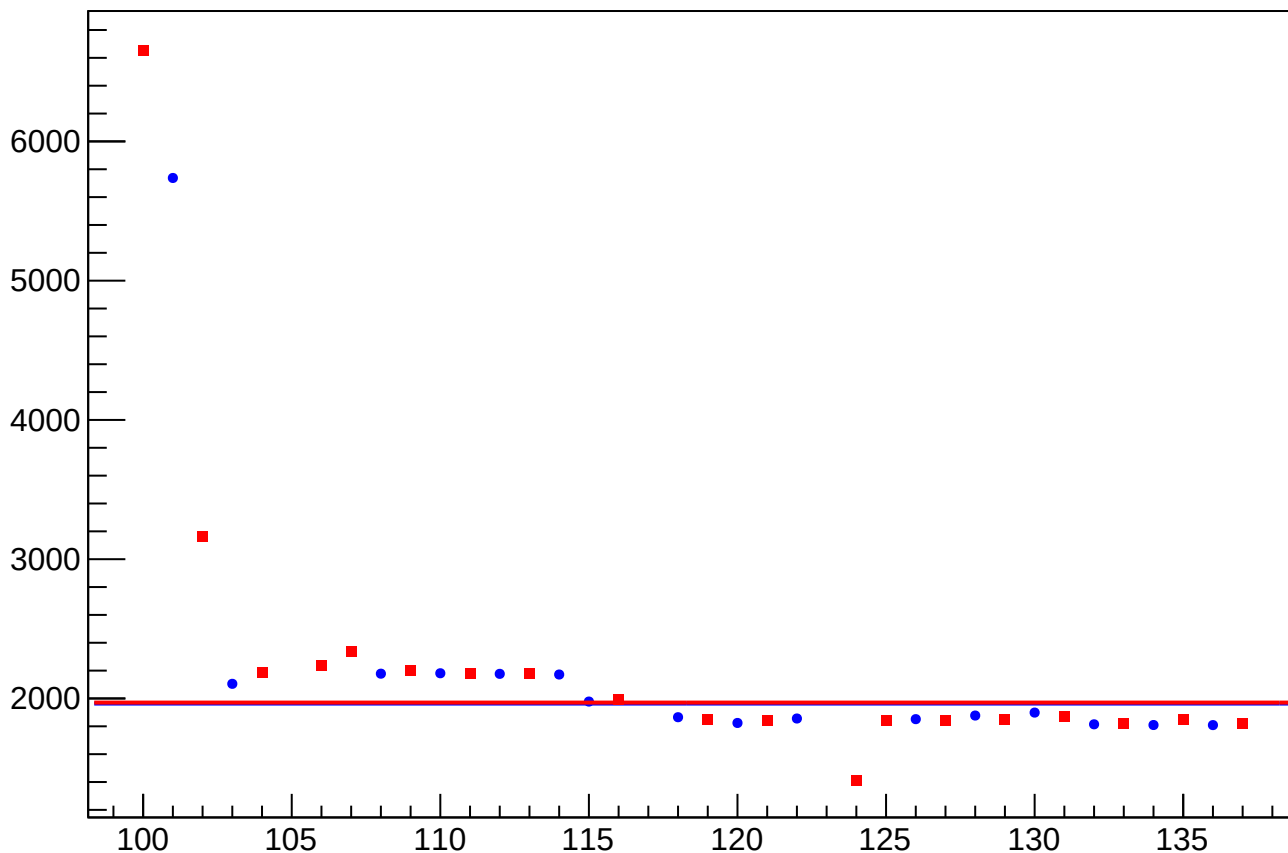
Right: 2064.710+/-524.445 χ^2/NDF : 33.3/34

In: 2128.746+/-746.242 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2064.710+/-524.445 χ^2/NDF : 33.3/34

eigen_dit_asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 1963.415+/-0.528 χ^2/NDF : 640253.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1970.459+/-0.521 χ^2/NDF : 345131.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

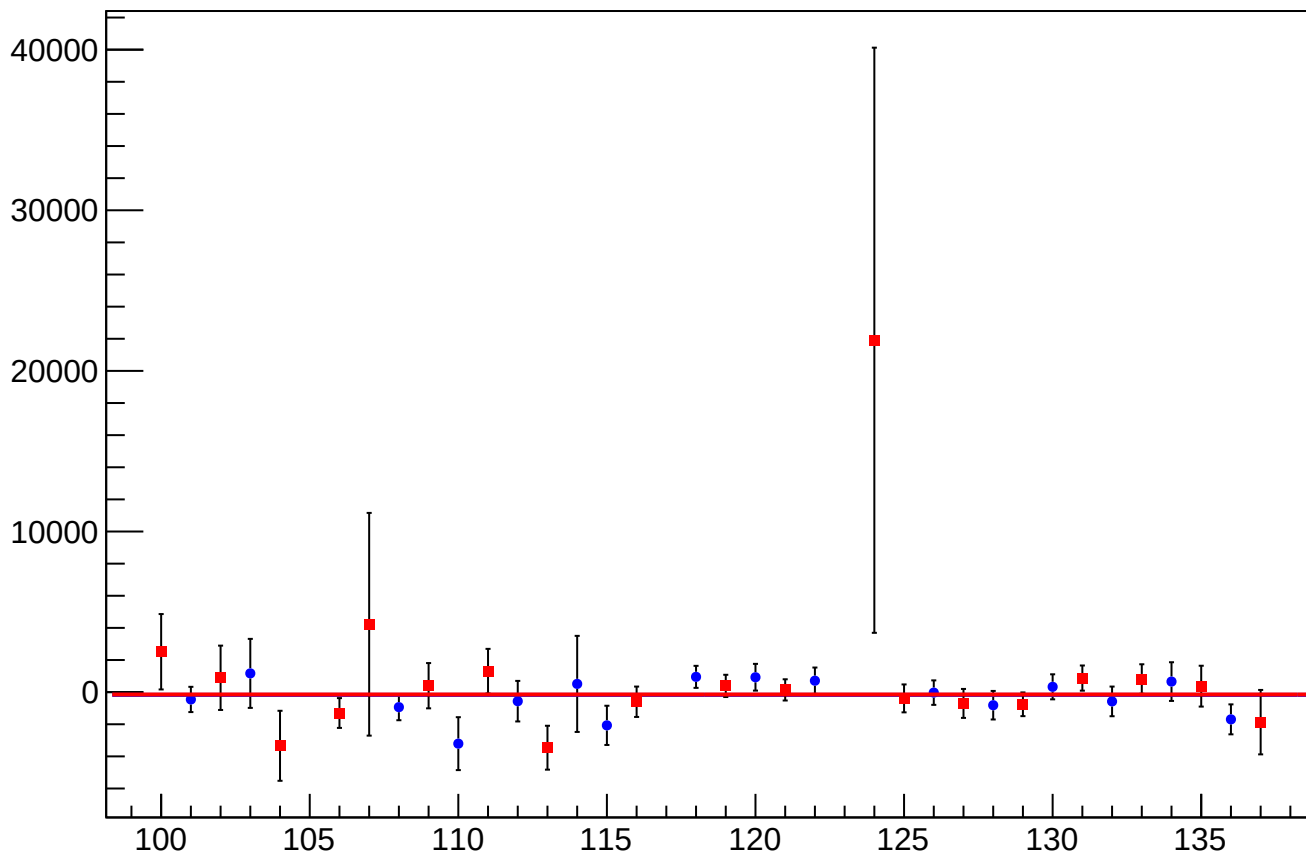
Right: 1966.980+/-0.371 χ^2/NDF : 985475.7/34

In: 1963.415+/-0.528 χ^2/NDF : 640253.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1966.980+/-0.371 χ^2/NDF : 985475.7/34

asym_at1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -170.773+/-236.912 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.489+/-242.847 χ^2/NDF : 20.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

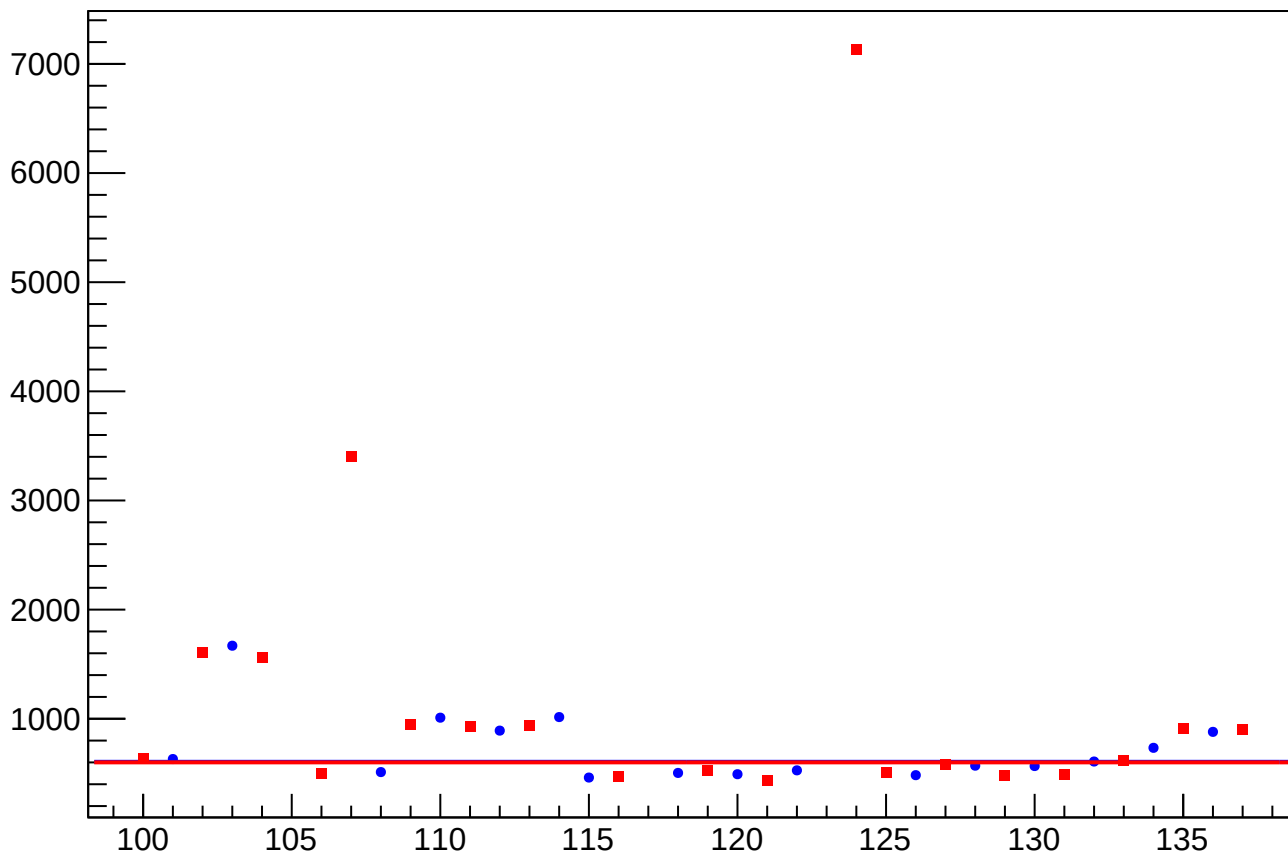
Right: -159.419+/-169.581 χ^2/NDF : 37.3/34

In: -170.773+/-236.912 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -159.419+/-169.581 χ^2/NDF : 37.3/34

asym_at1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 605.429+/-0.168 χ^2/NDF : 1162462.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.446+/-0.172 χ^2/NDF : 2328531.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

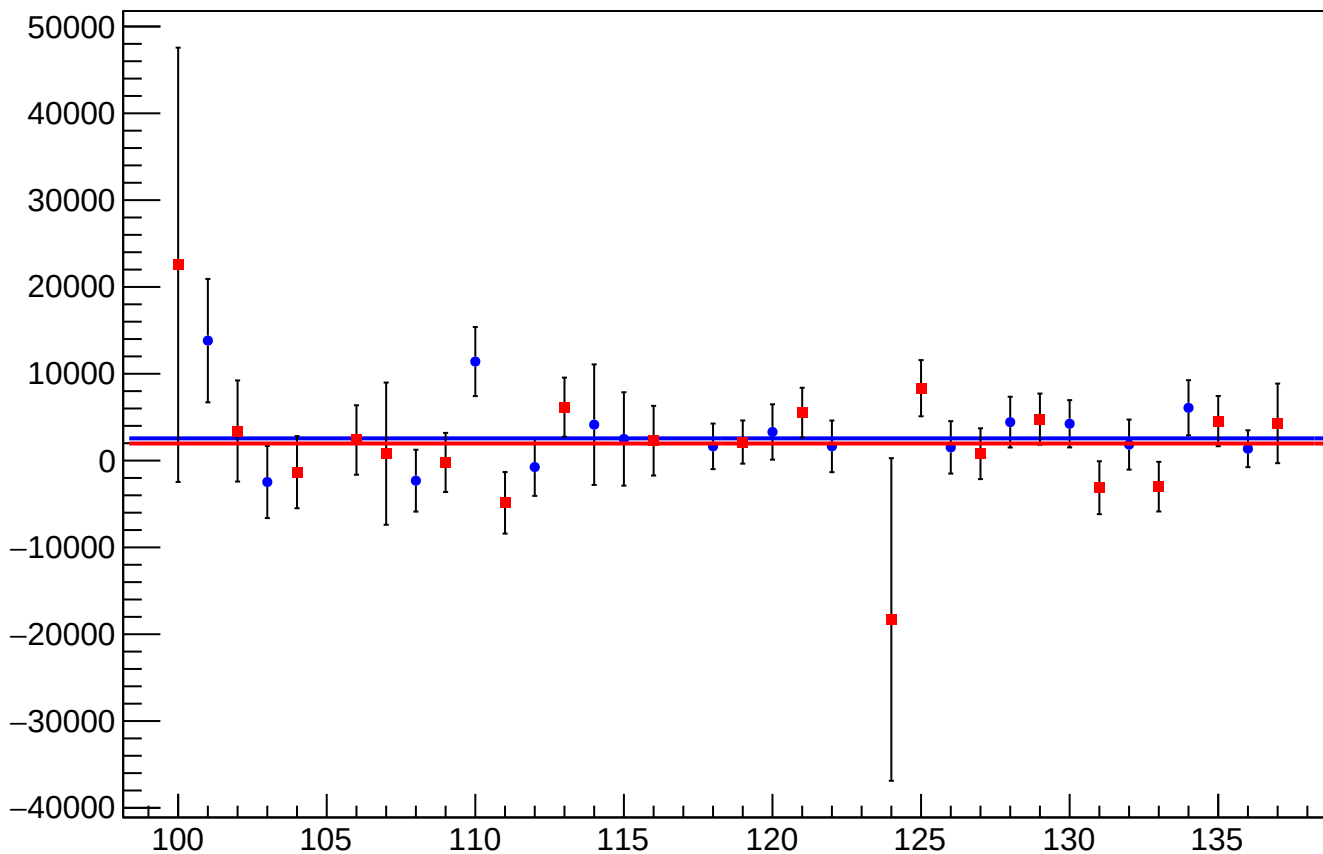
Right: 602.999+/-0.120 χ^2/NDF : 3491425.6/34

In: 605.429+/-0.168 χ^2/NDF : 1162462.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.999+/-0.120 χ^2/NDF : 3491425.6/34

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2560.971+/-809.658 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1966.731+/-818.839 χ^2/NDF : 21.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

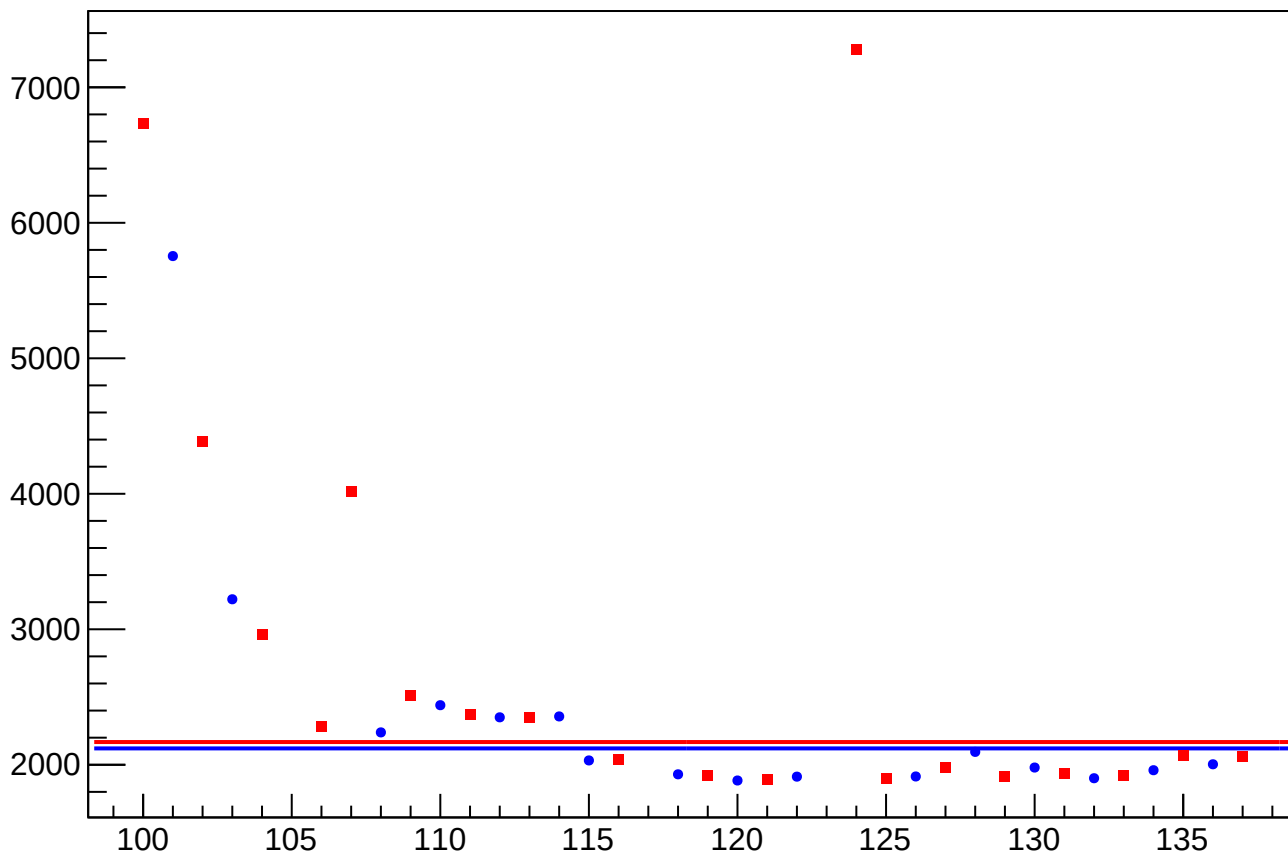
Right: 2267.201+/-575.733 χ^2/NDF : 36.5/34

In: 2560.971+/-809.658 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2267.201+/-575.733 χ^2/NDF : 36.5/34

asym_at1_avg_rms vs Slug, Sign Corrected



Right In: 2120.778+/-0.573 χ^2/NDF : 759969.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2167.840+/-0.579 χ^2/NDF : 823925.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

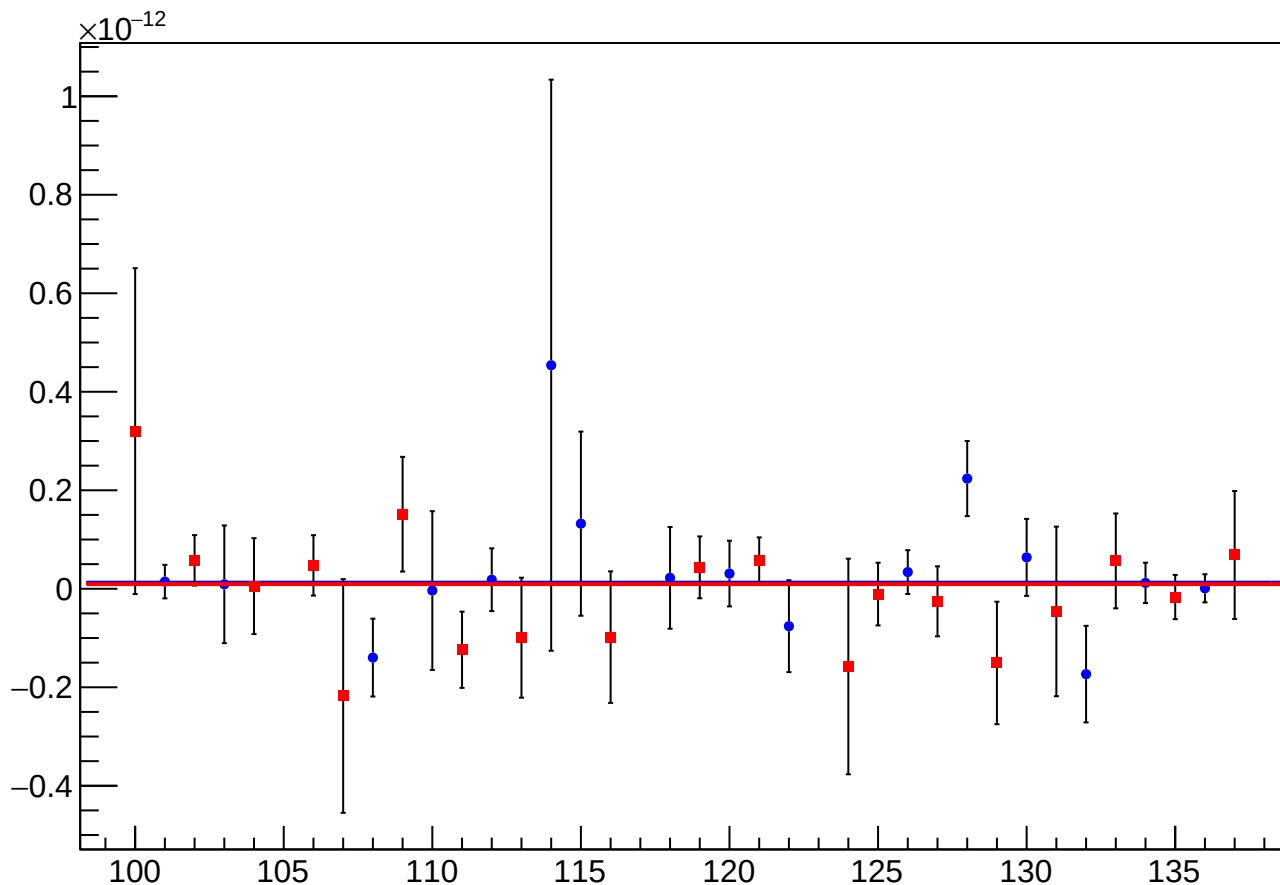
Right: 2144.044+/-0.407 χ^2/NDF : 1587235.2/34

In: 2120.778+/-0.573 χ^2/NDF : 759969.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2144.044+/-0.407 χ^2/NDF : 1587235.2/34

asym_at1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

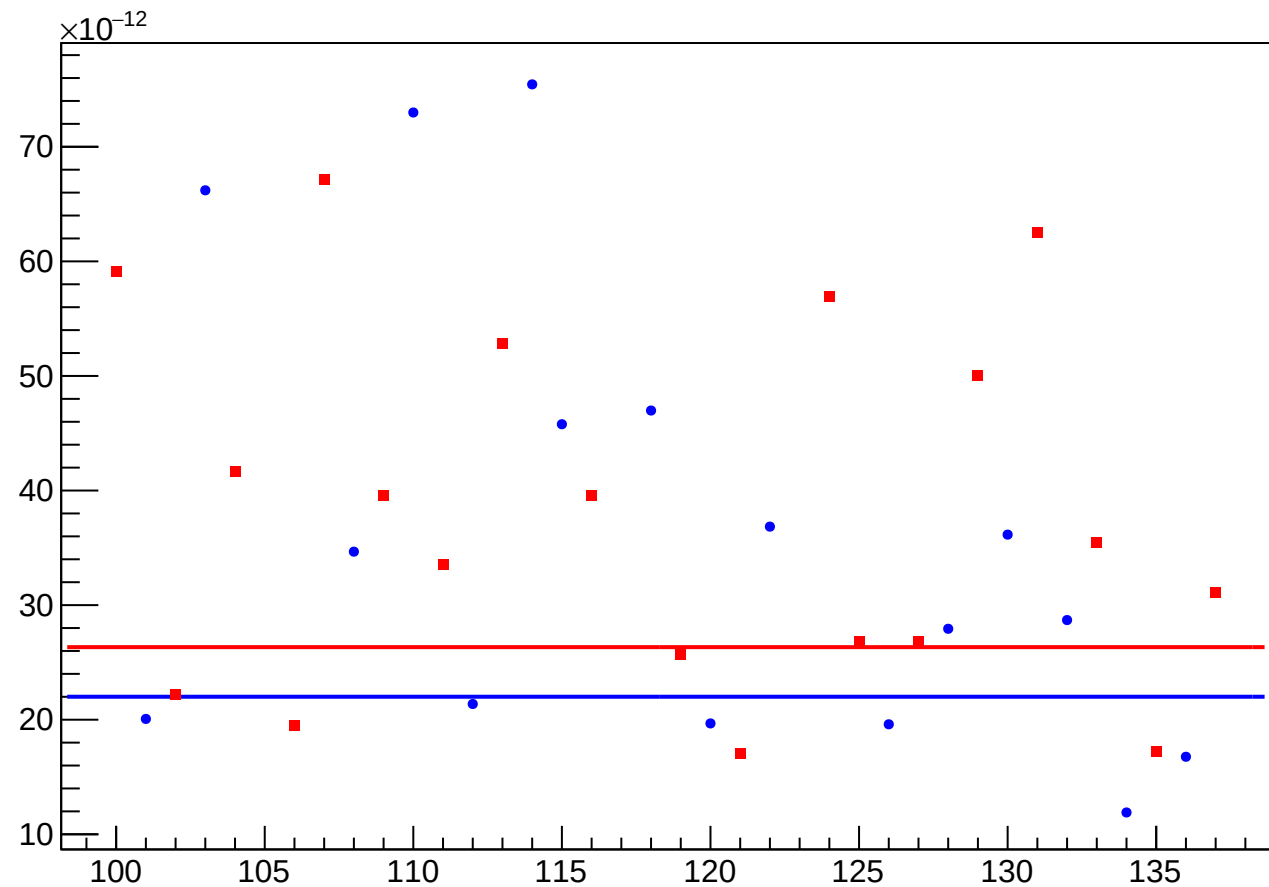
Right: 0.000+/-0.000 χ^2/NDF : 31.6/34

In: 0.000+/-0.000 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.6/34

asym_at1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1032604.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 705211.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

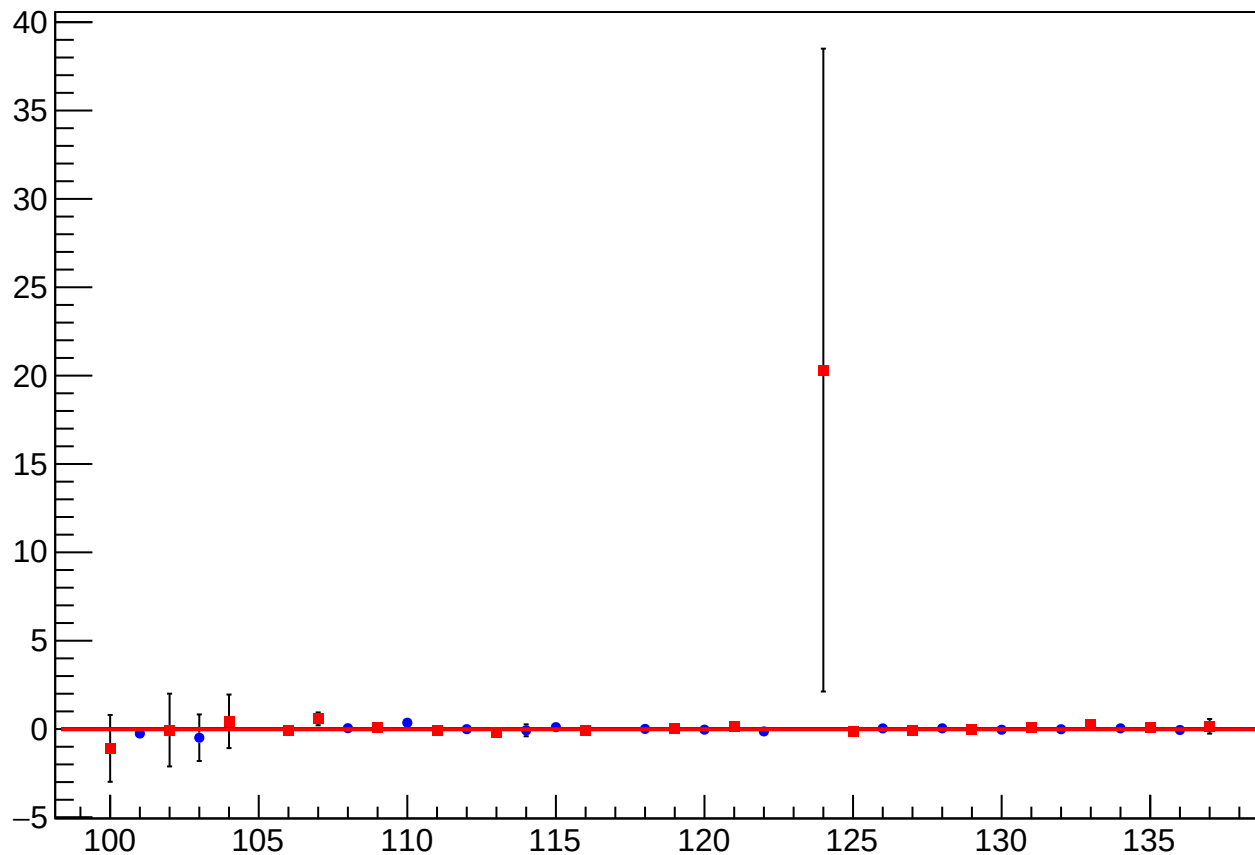
Right: 0.000+/-0.000 χ^2/NDF : 1806874.5/34

In: 0.000+/-0.000 χ^2/NDF : 1032604.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1806874.5/34

asym_at1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.027 χ^2 /NDF: 11.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.026 χ^2 /NDF: 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

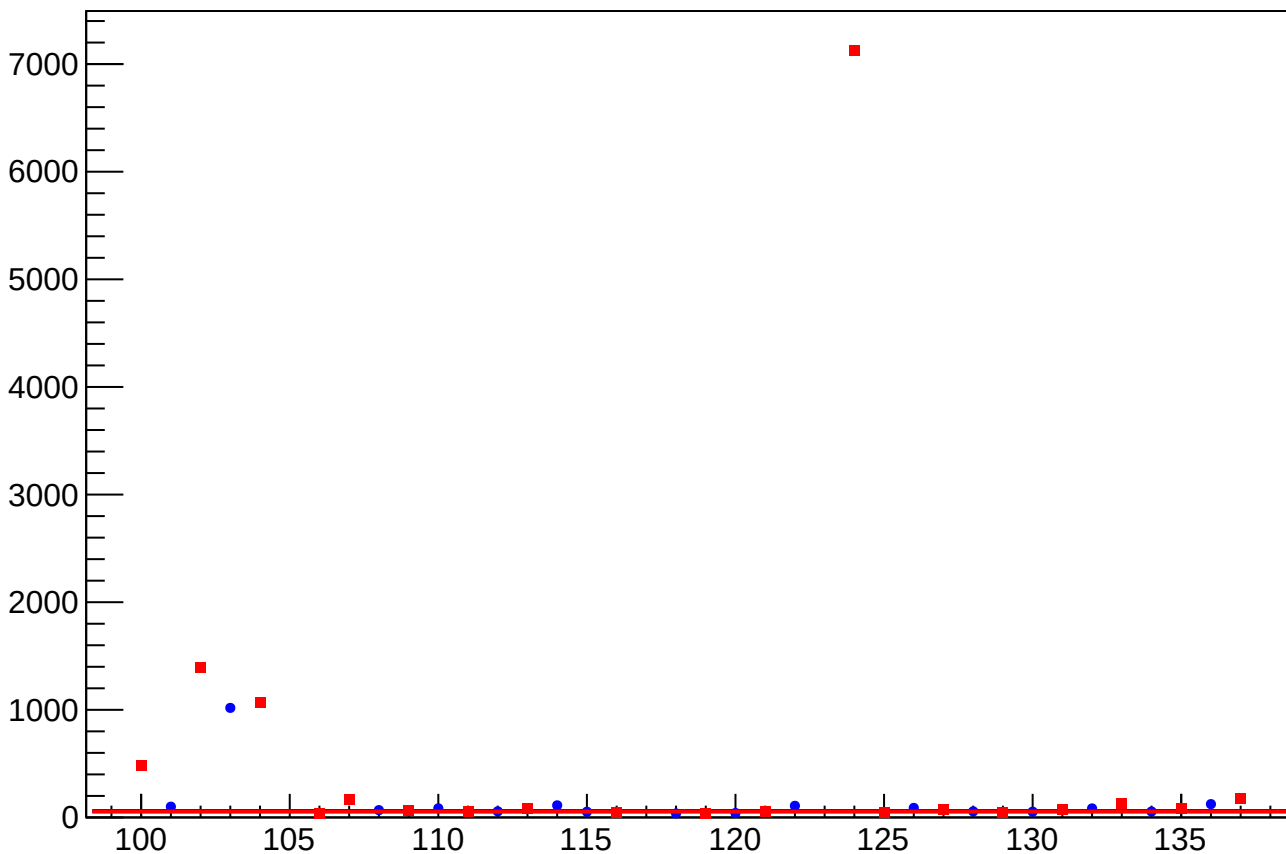
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 29.2/34

In: 0.004 $\pm$ 0.027 χ^2 /NDF:11.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 29.2/34

asym_at1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.249+/-0.018 χ^2/NDF : 3521580.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

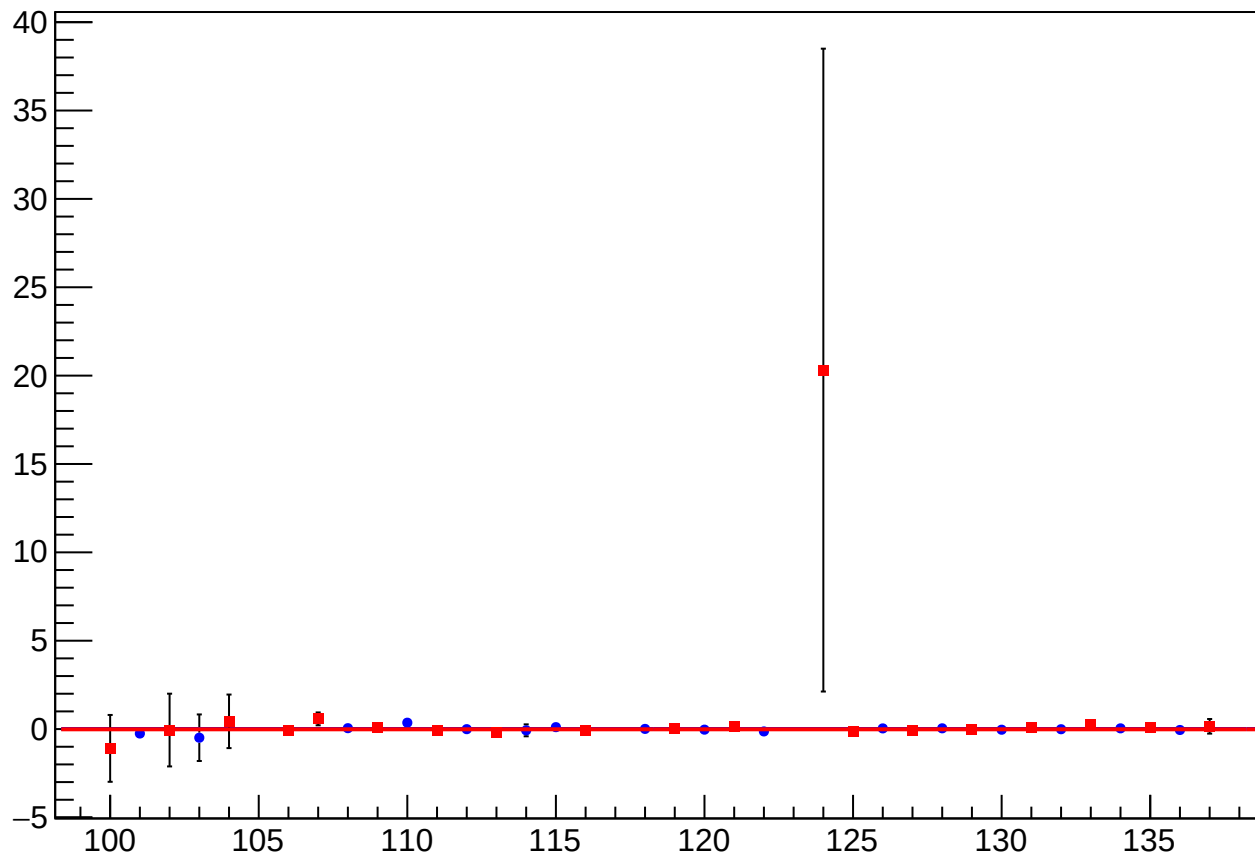
Right: 56.948+/-0.013 χ^2/NDF : 6105751.4/34

In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.948+/-0.013 χ^2/NDF : 6105751.4/34

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.027 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.026 χ^2/NDF : 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

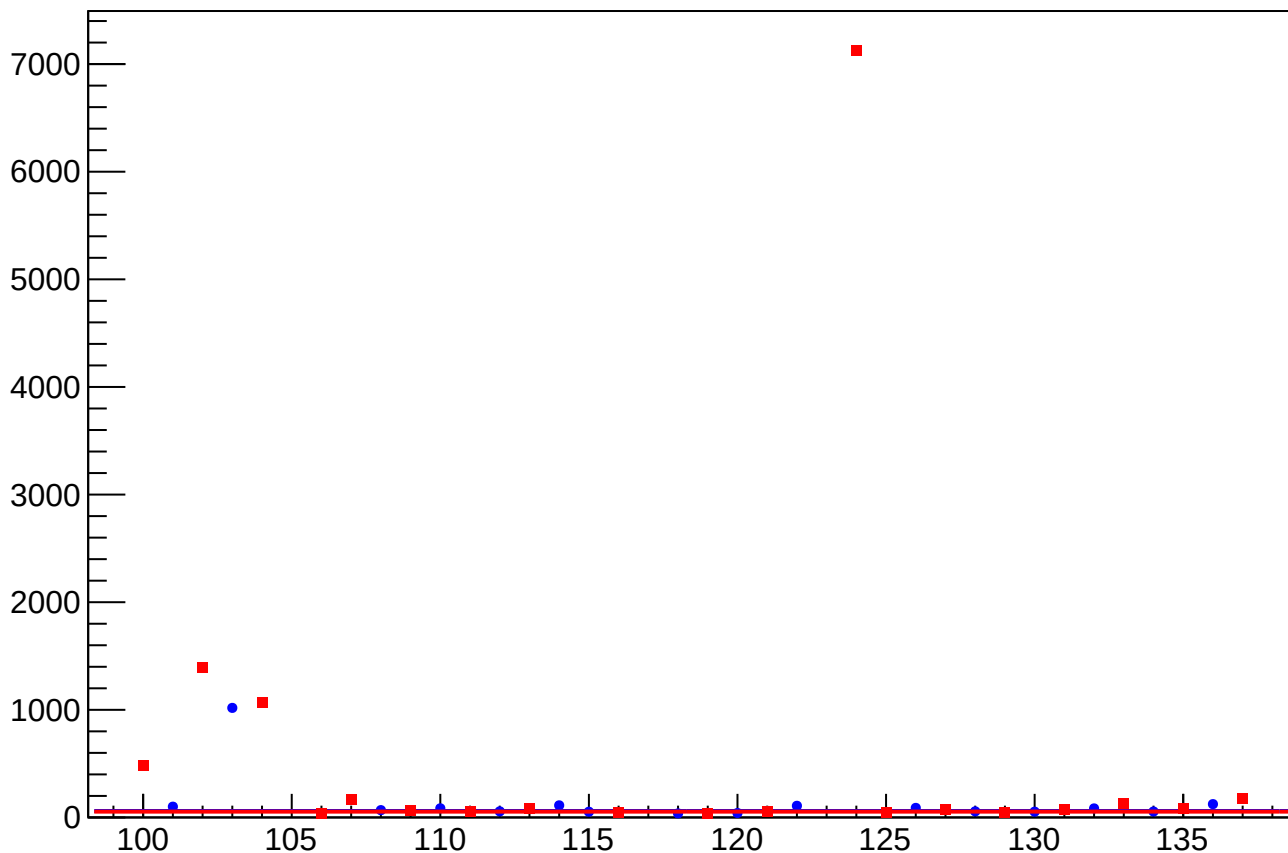
Right: -0.005+/-0.019 χ^2/NDF : 29.2/34

In: 0.004+/-0.027 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.019 χ^2/NDF : 29.2/34

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.249+/-0.018 χ^2/NDF : 3521580.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

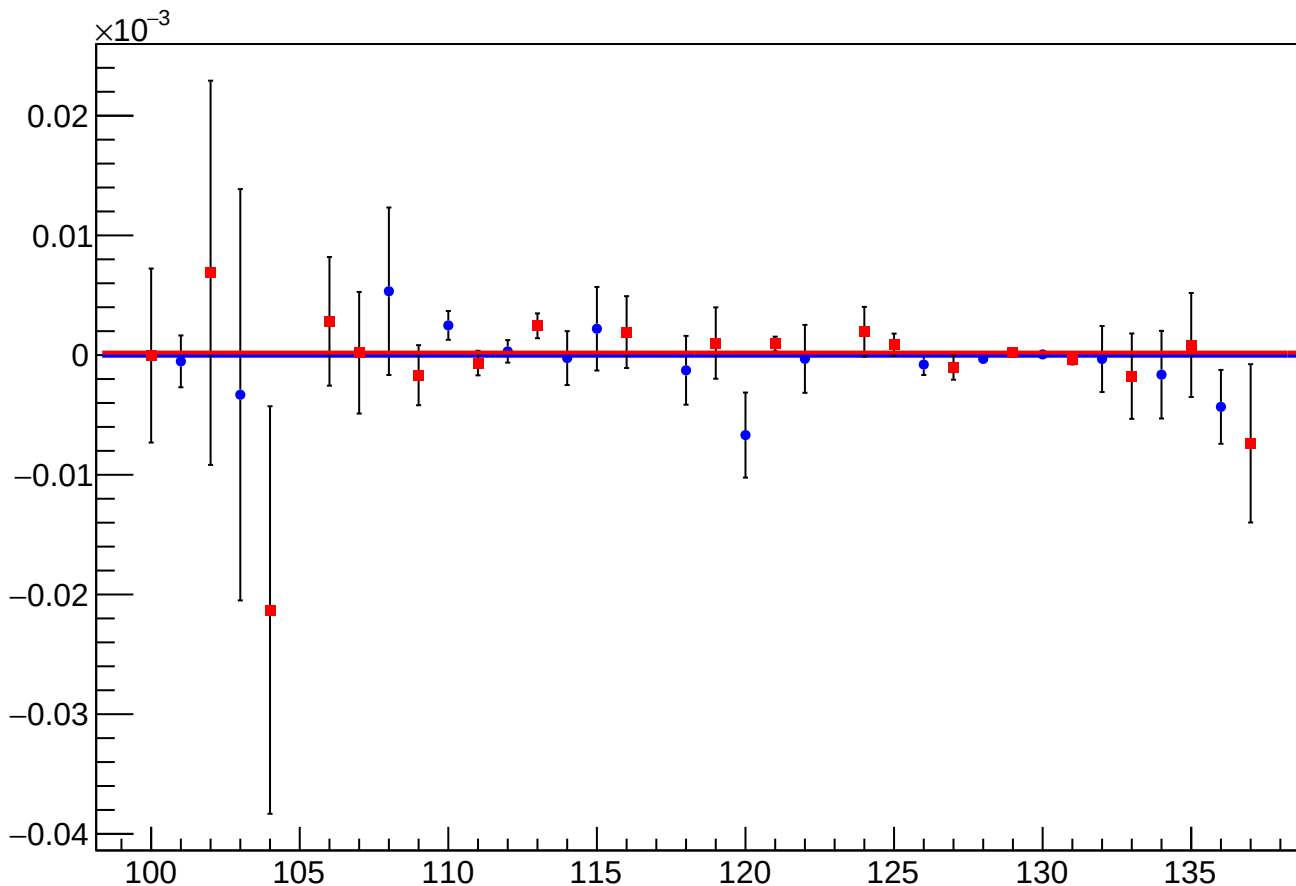
Right: 56.948+/-0.013 χ^2/NDF : 6105751.4/34

In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.948+/-0.013 χ^2/NDF : 6105751.4/34

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

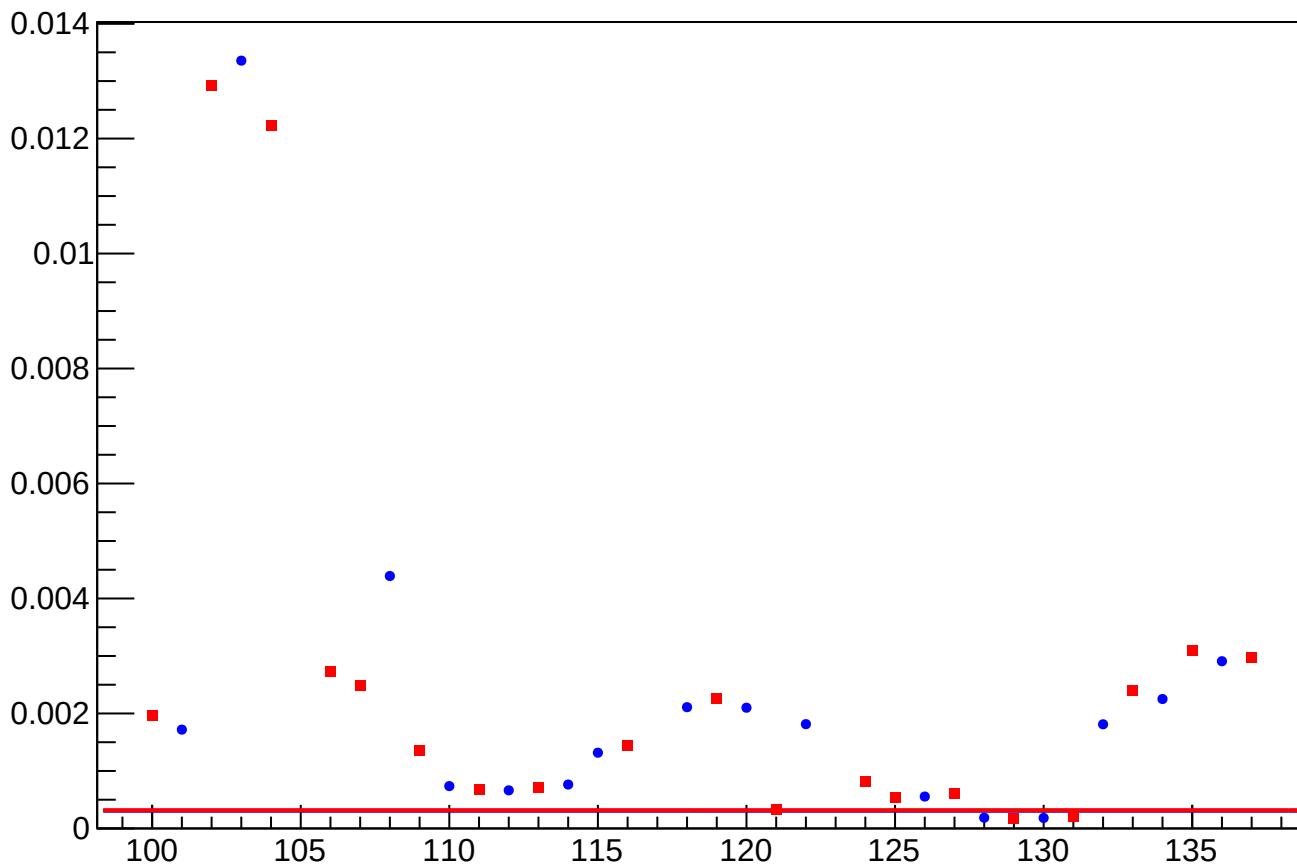
Right: 0.000+/-0.000 χ^2/NDF : 29.4/34

In: -0.000+/-0.000 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/34

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8756212.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8015537.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

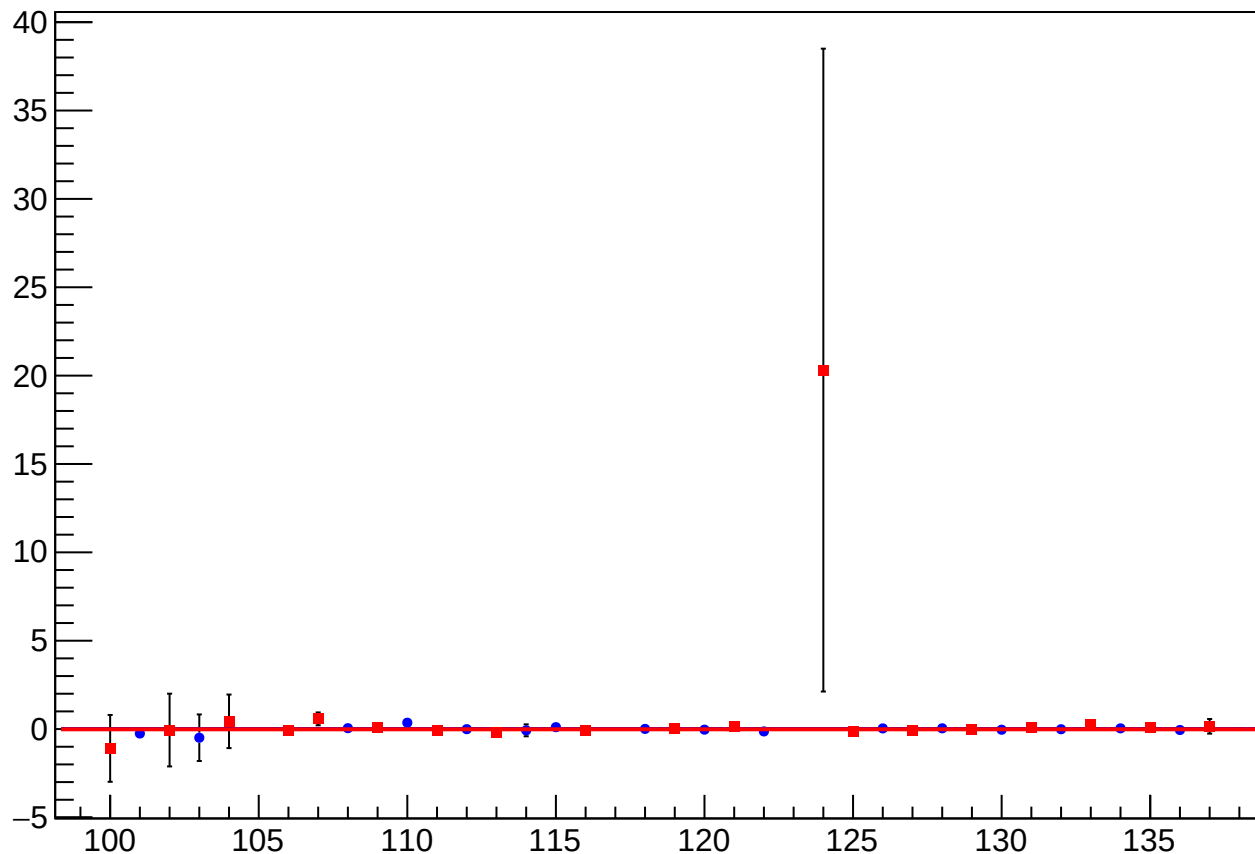
Right: 0.000+/-0.000 χ^2/NDF : 16773891.5/34

In: 0.000+/-0.000 χ^2/NDF : 8756212.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 16773891.5/34

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004 $\pm$ 0.027 χ^2 /NDF: 11.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.013 $\pm$ 0.026 χ^2 /NDF: 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

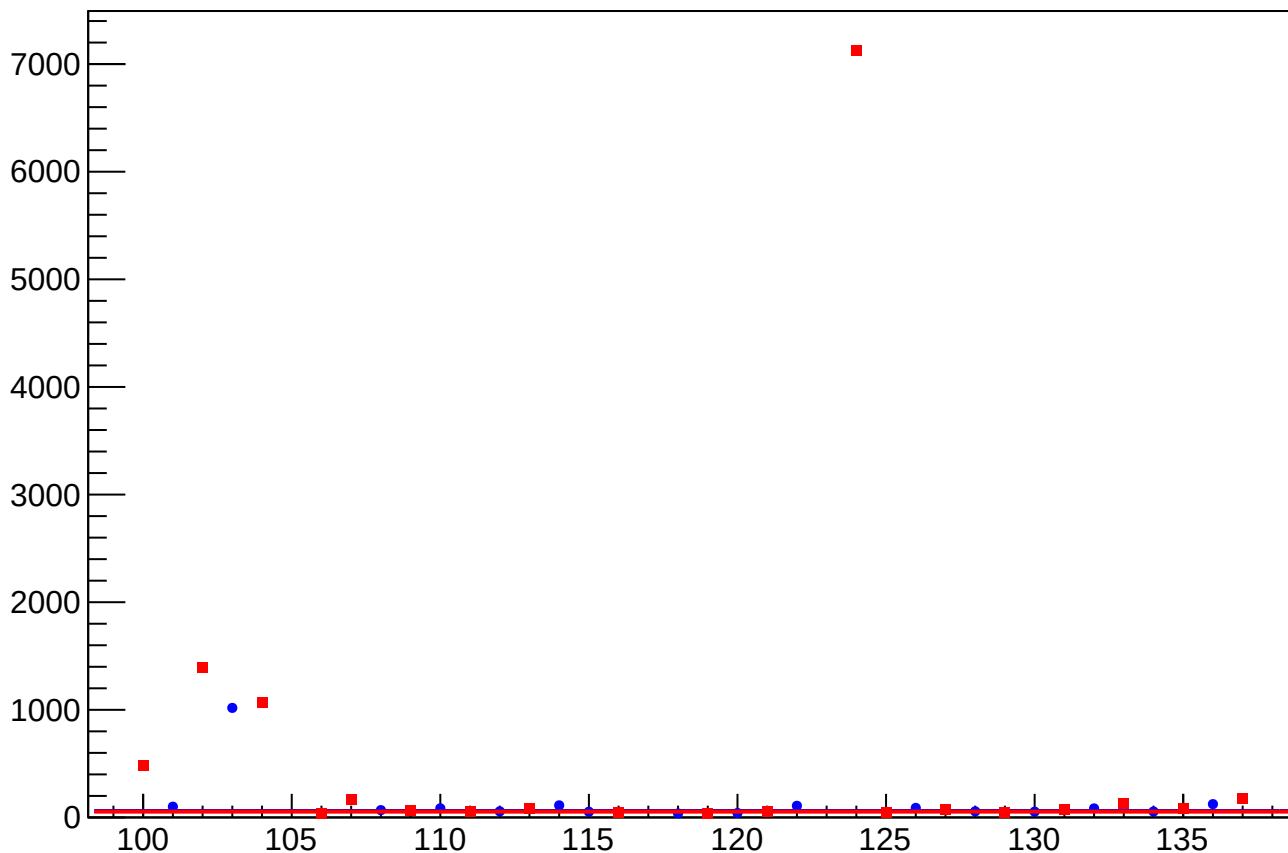
Right: -0.005 $\pm$ 0.019 χ^2 /NDF: 29.2/34

In: 0.004 $\pm$ 0.027 χ^2 /NDF:11.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.019 χ^2 /NDF: 29.2/34

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.839+/-0.019 χ^2/NDF : 2538881.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.248+/-0.018 χ^2/NDF : 3521640.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

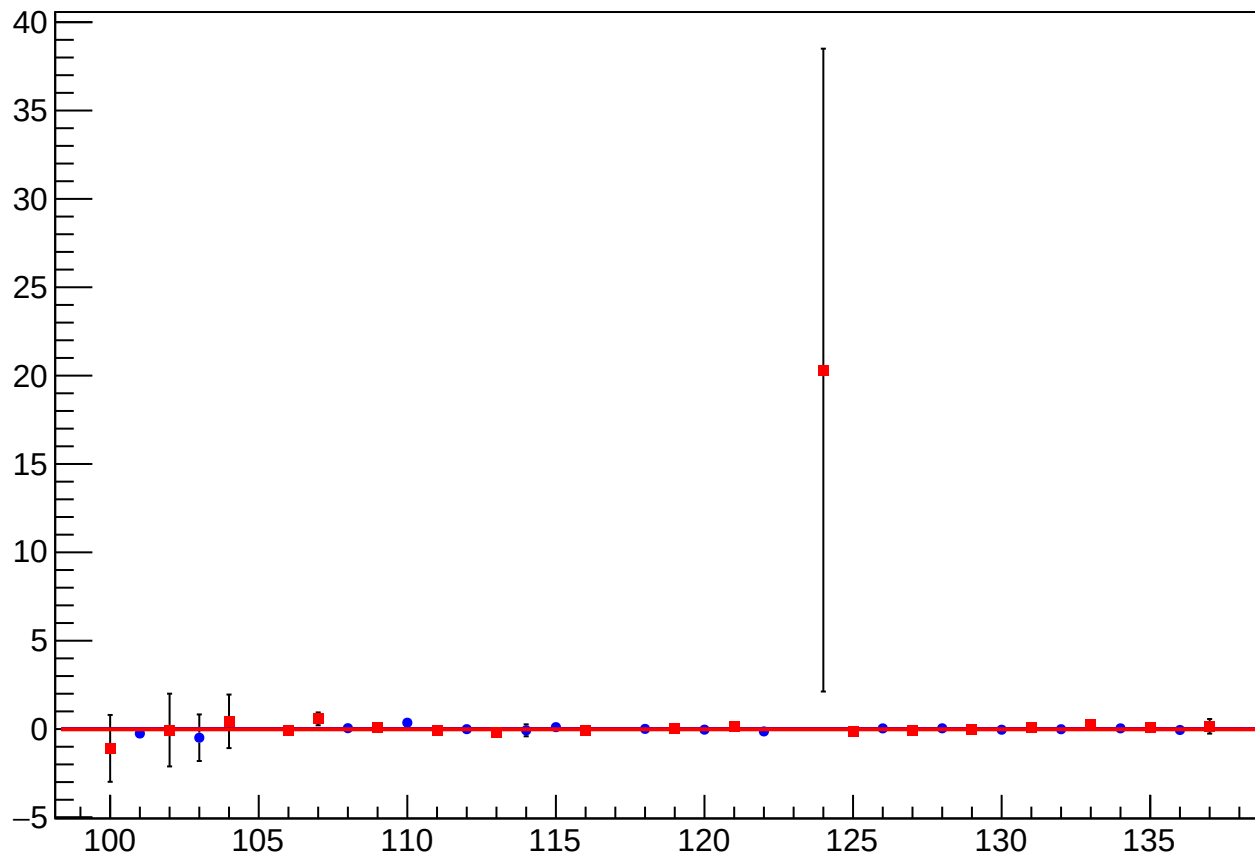
Right: 56.947+/-0.013 χ^2/NDF : 6105839.5/34

In: 59.839+/-0.019 χ^2/NDF : 2538881.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.947+/-0.013 χ^2/NDF : 6105839.5/34

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.004+/-0.027 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.026 χ^2/NDF : 17.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

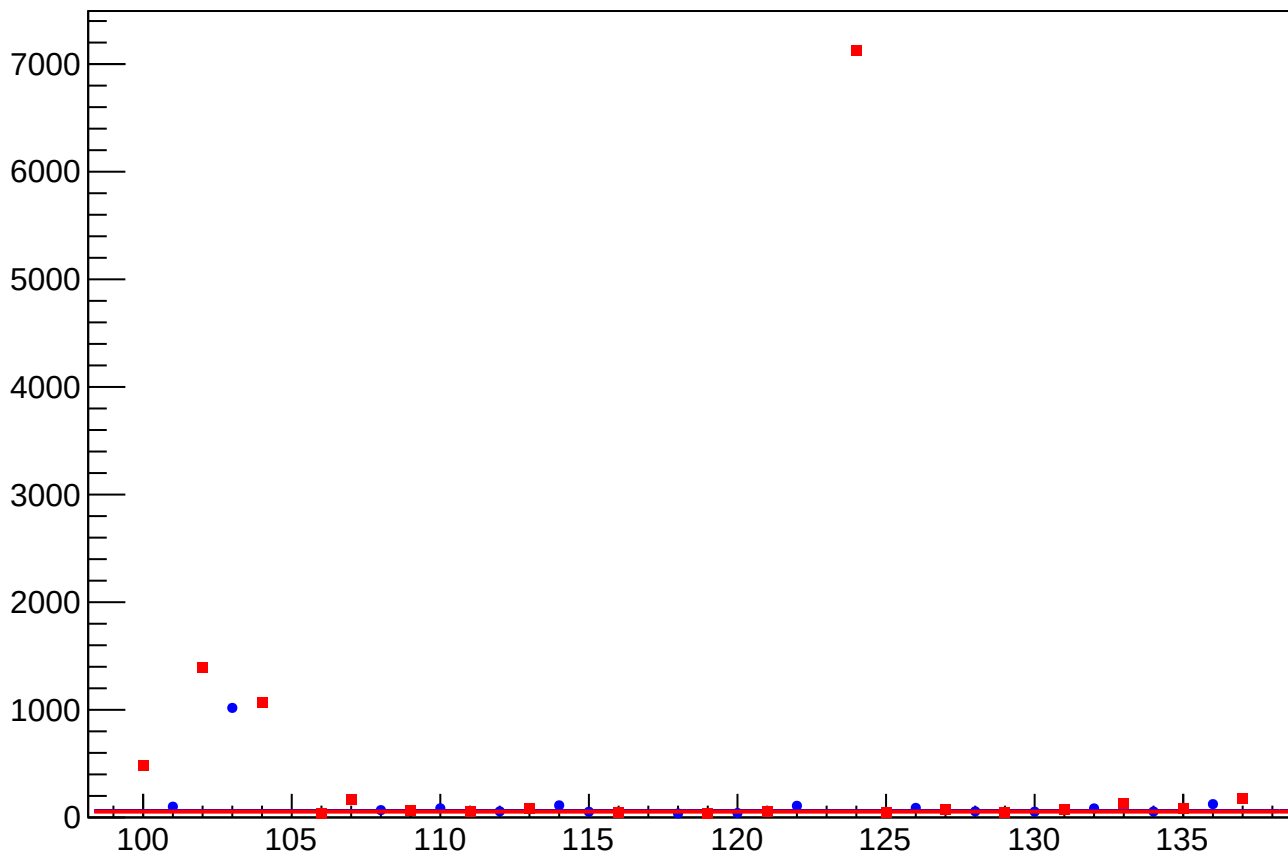
Right: -0.005+/-0.019 χ^2/NDF : 29.2/34

In: 0.004+/-0.027 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.019 χ^2/NDF : 29.2/34

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.839+/-0.019 χ^2/NDF : 2538881.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.248+/-0.018 χ^2/NDF : 3521640.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

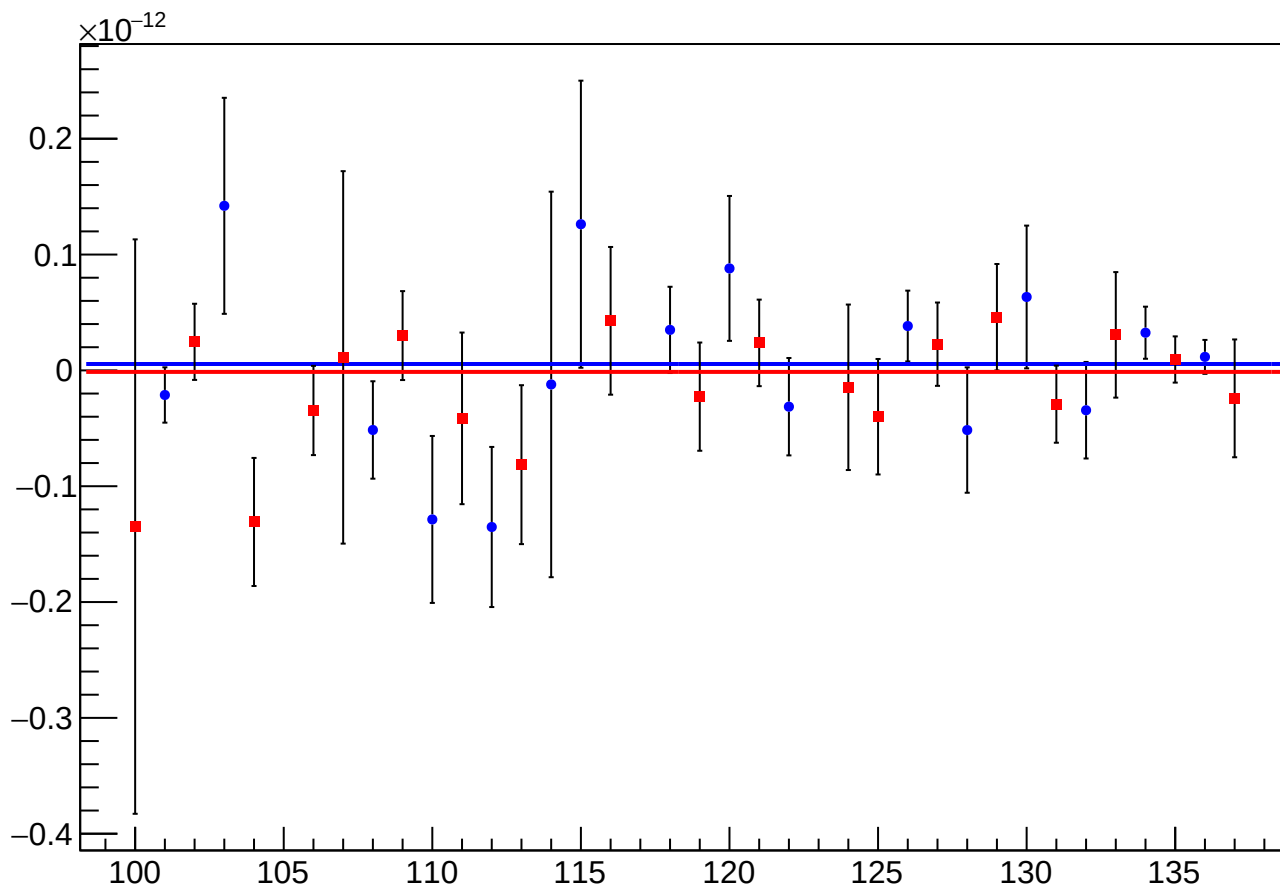
Right: 56.947+/-0.013 χ^2/NDF : 6105839.5/34

In: 59.839+/-0.019 χ^2/NDF : 2538881.2/15

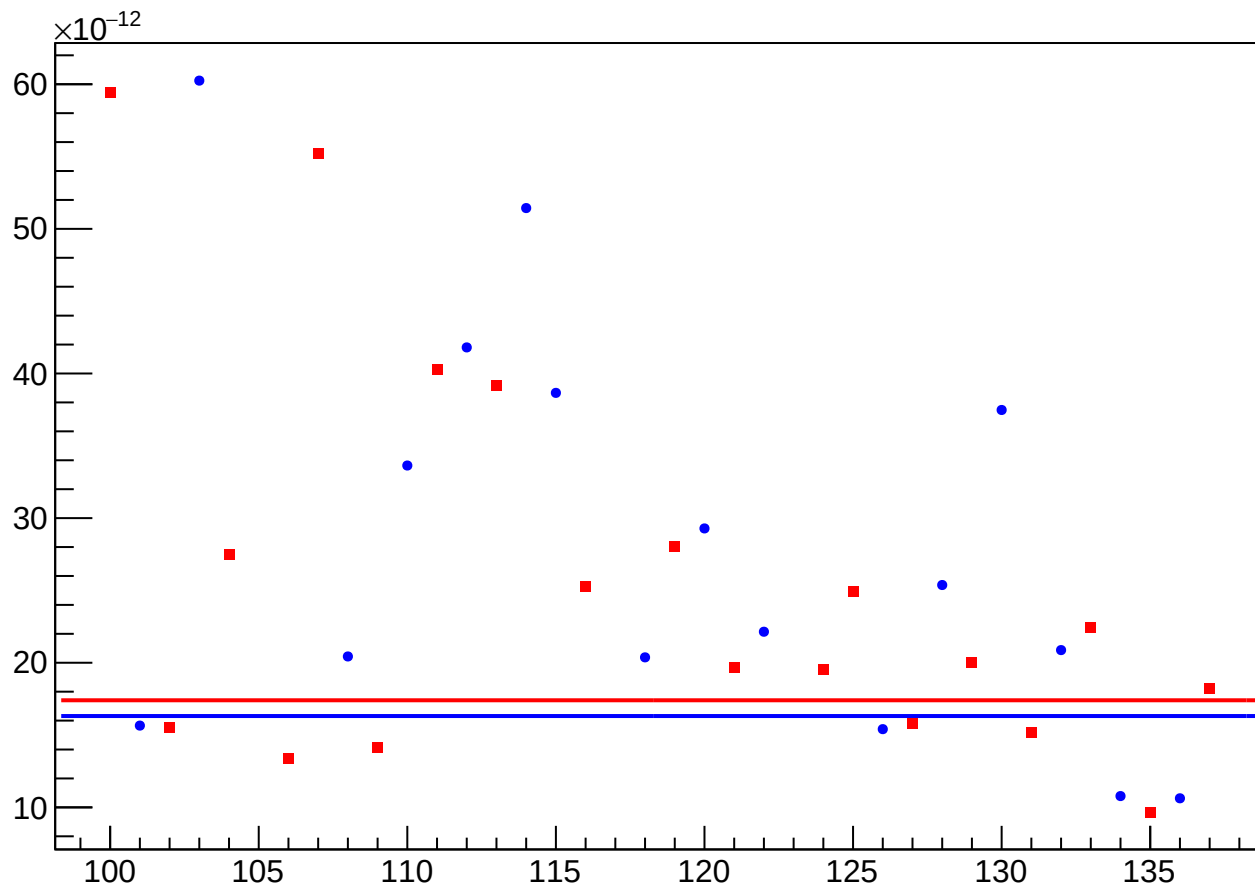
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.947+/-0.013 χ^2/NDF : 6105839.5/34

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1895019.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1197059.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

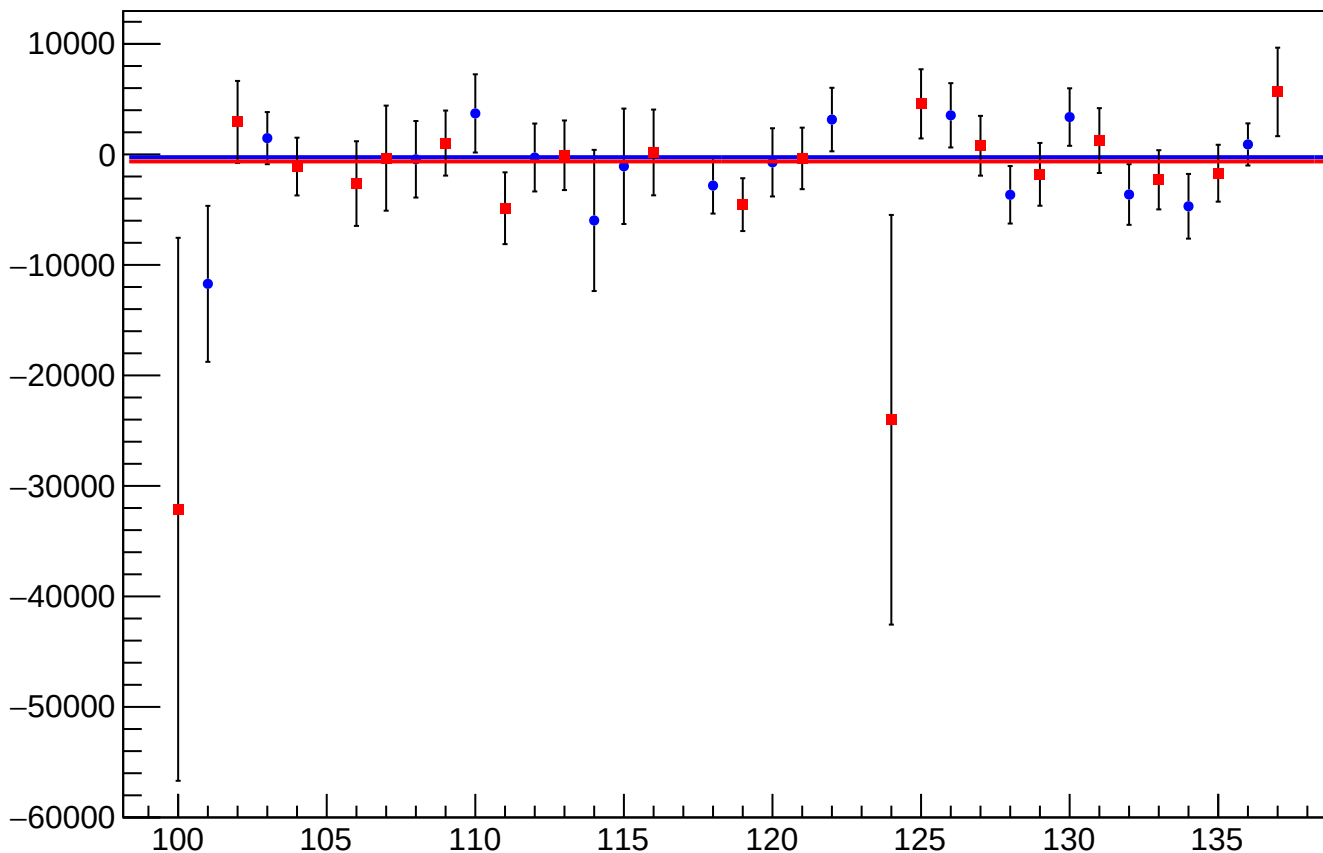
Right: 0.000+/-0.000 χ^2/NDF : 3106014.7/34

In: 0.000+/-0.000 χ^2/NDF : 1895019.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3106014.7/34

reg_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -251.297+/-735.111 χ^2 /NDF: 17.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -636.082+/-735.477 χ^2 /NDF: 15.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

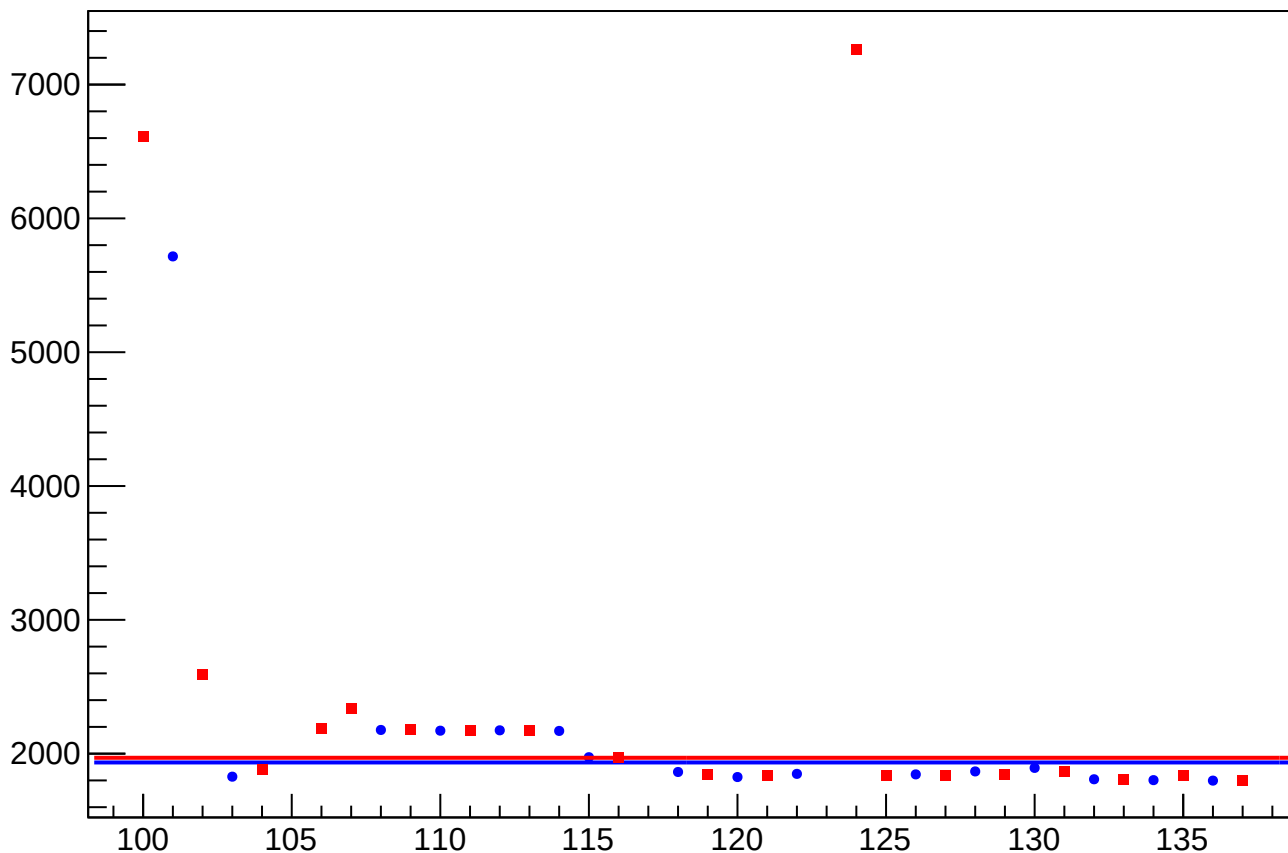
Right: -443.594+/-519.932 χ^2 /NDF: 33.3/34

In: -251.297+/-735.111 χ^2 /NDF:17.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -443.594+/-519.932 χ^2 /NDF: 33.3/34

reg_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1934.217+/-0.520 χ^2/NDF : 639920.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1969.204+/-0.520 χ^2/NDF : 378378.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

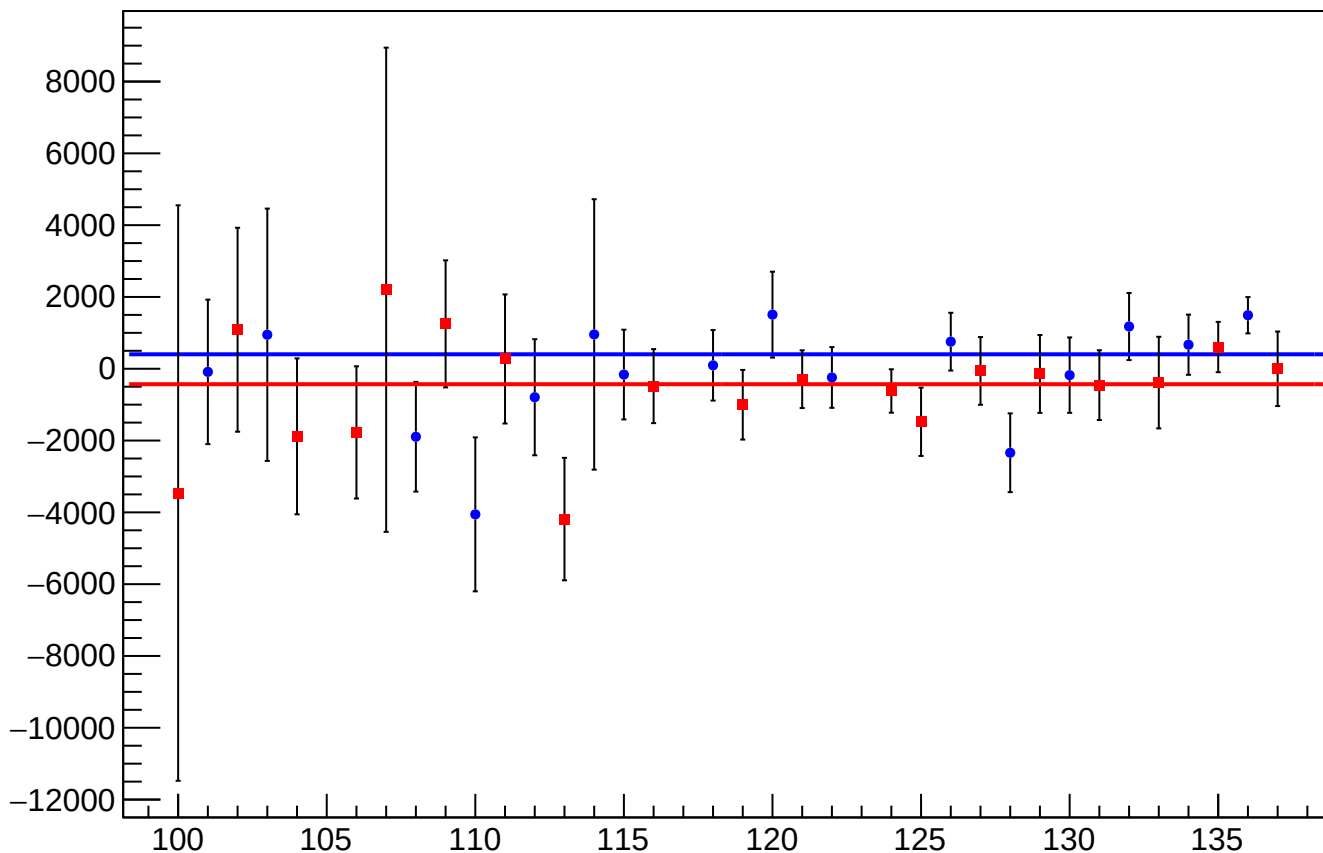
Right: 1951.702+/-0.368 χ^2/NDF : 1020563.0/34

In: 1934.217+/-0.520 χ^2/NDF :639920.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1951.702+/-0.368 χ^2/NDF : 1020563.0/34

asym_at1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 402.626+/-258.574 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -430.066+/-252.823 χ^2/NDF : 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

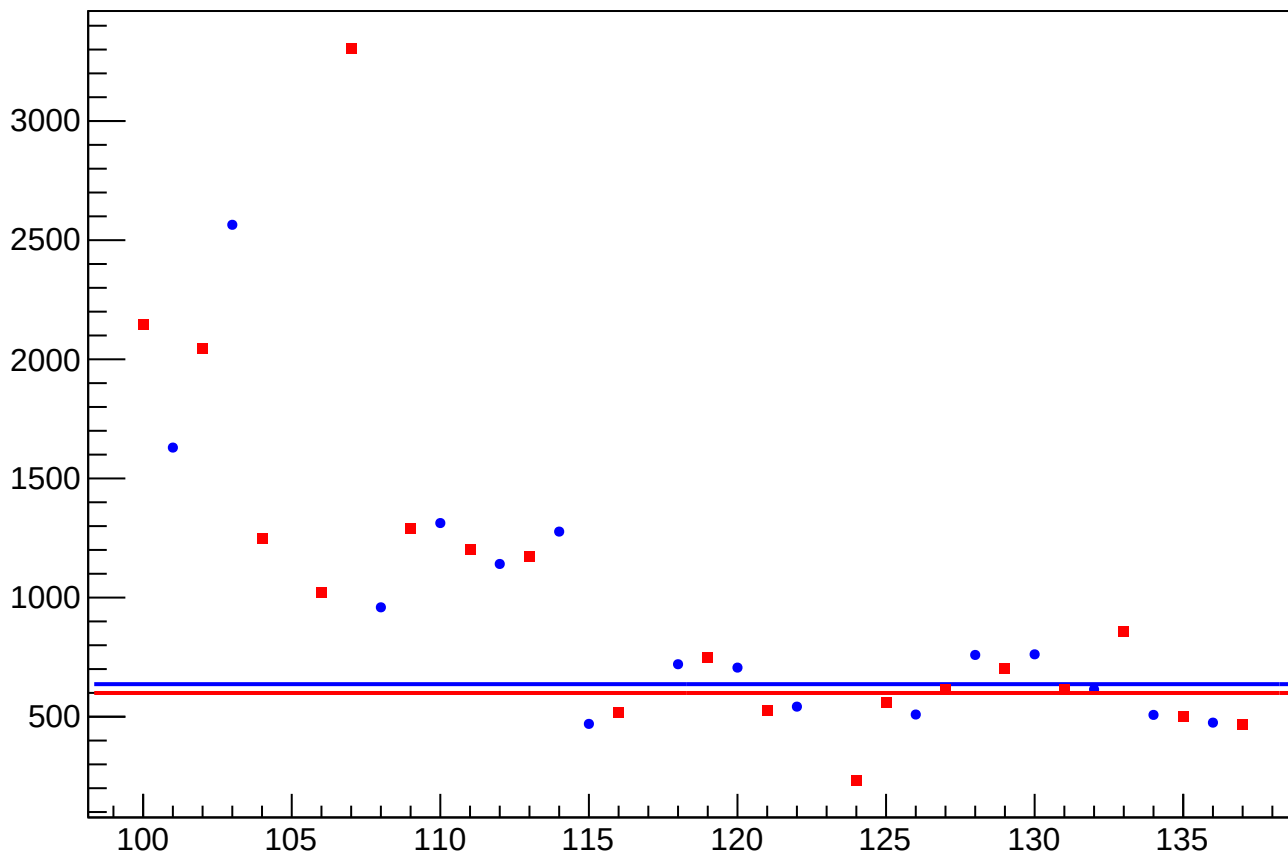
Right: -23.083+/-180.772 χ^2/NDF : 38.2/34

In: 402.626+/-258.574 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.083+/-180.772 χ^2/NDF : 38.2/34

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 636.700 $\pm$ 0.183 χ^2 /NDF: 2066891.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 599.631 $\pm$ 0.179 χ^2 /NDF: 2944100.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

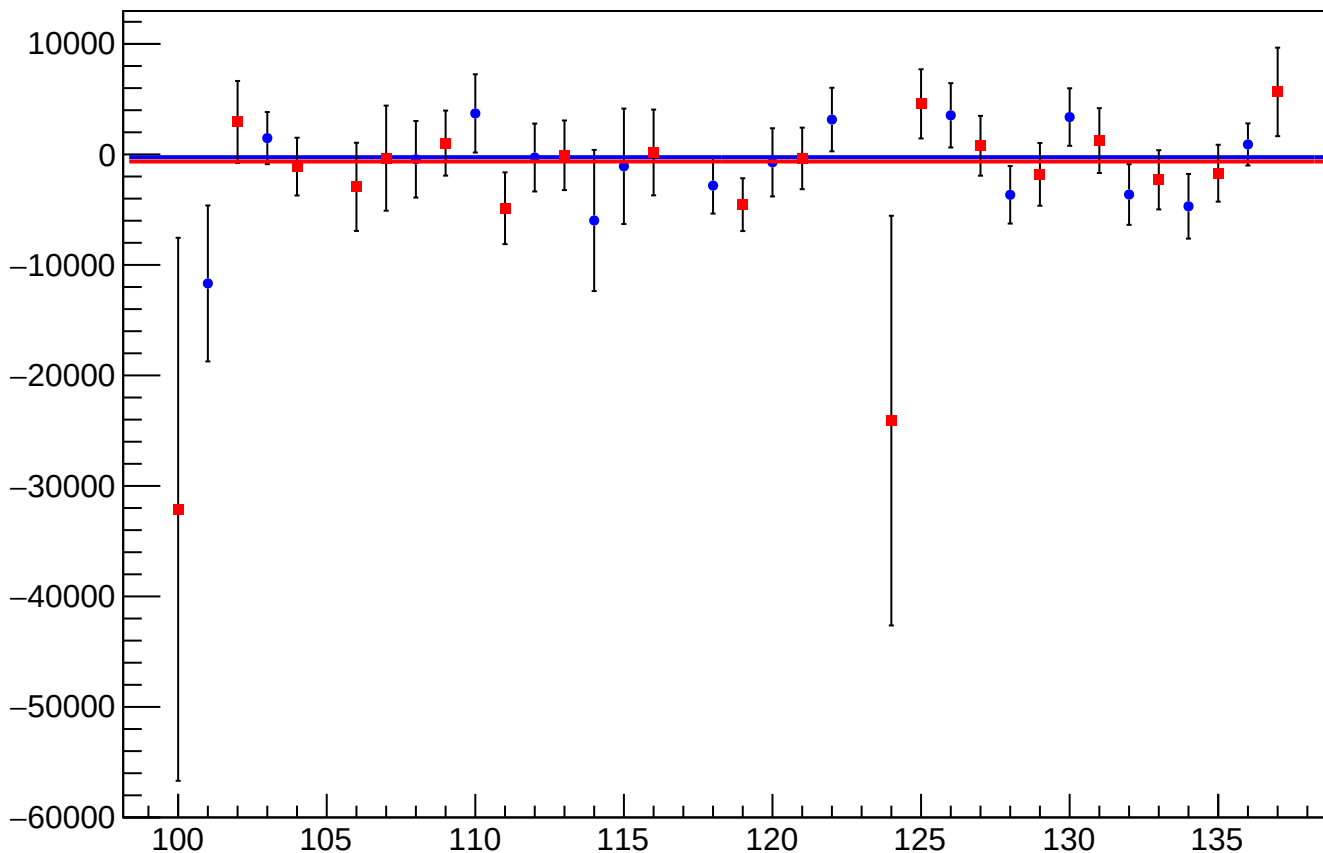
Right: 617.749 $\pm$ 0.128 χ^2 /NDF: 5032005.8/34

In: 636.700 $\pm$ 0.183 χ^2 /NDF:2066891.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 617.749 $\pm$ 0.128 χ^2 /NDF: 5032005.8/34

cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -250.487+/-735.112 χ^2 /NDF: 17.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -640.865+/-736.549 χ^2 /NDF: 16.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

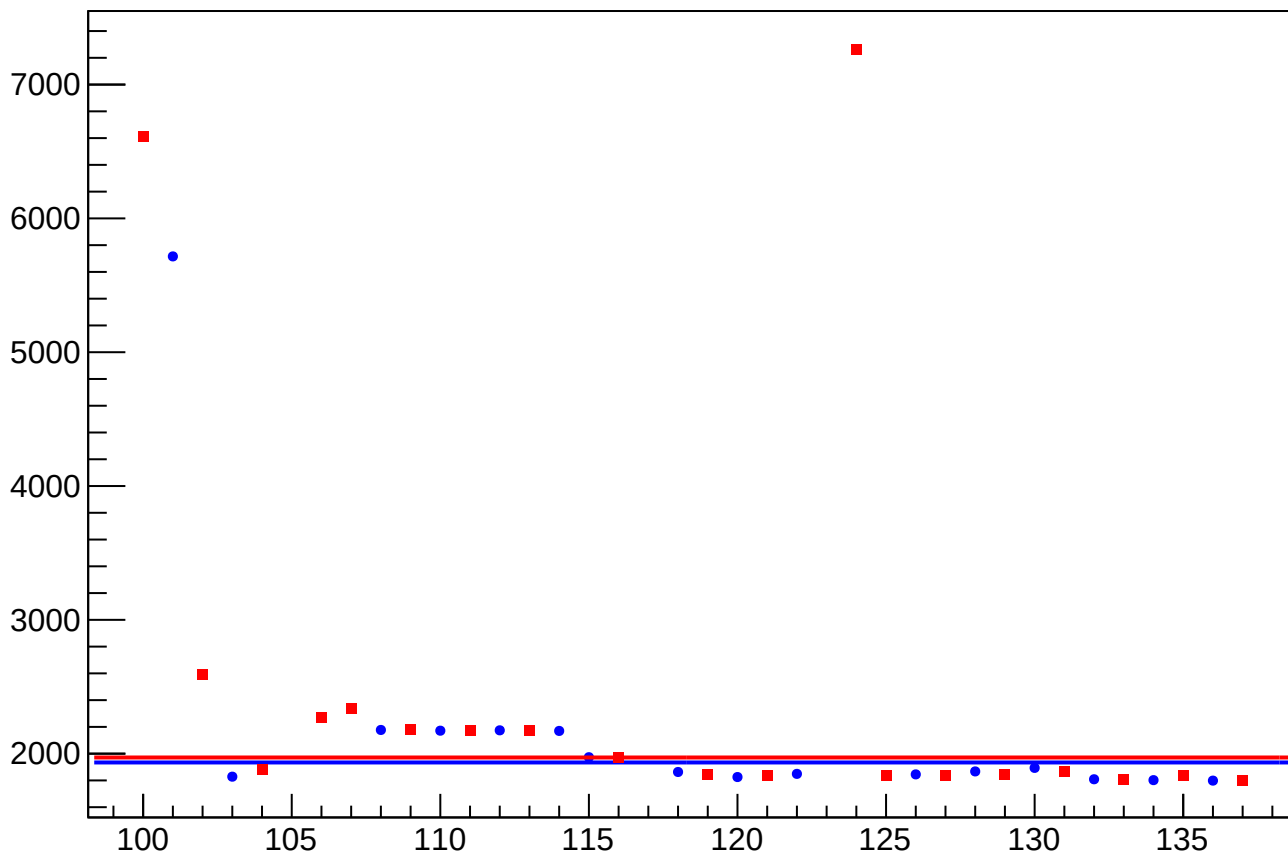
Right: -445.295+/-520.310 χ^2 /NDF: 33.3/34

In: -250.487+/-735.112 χ^2 /NDF:17.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -445.295+/-520.310 χ^2 /NDF: 33.3/34

cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1971.357+/-0.521 χ^2/NDF : 383176.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

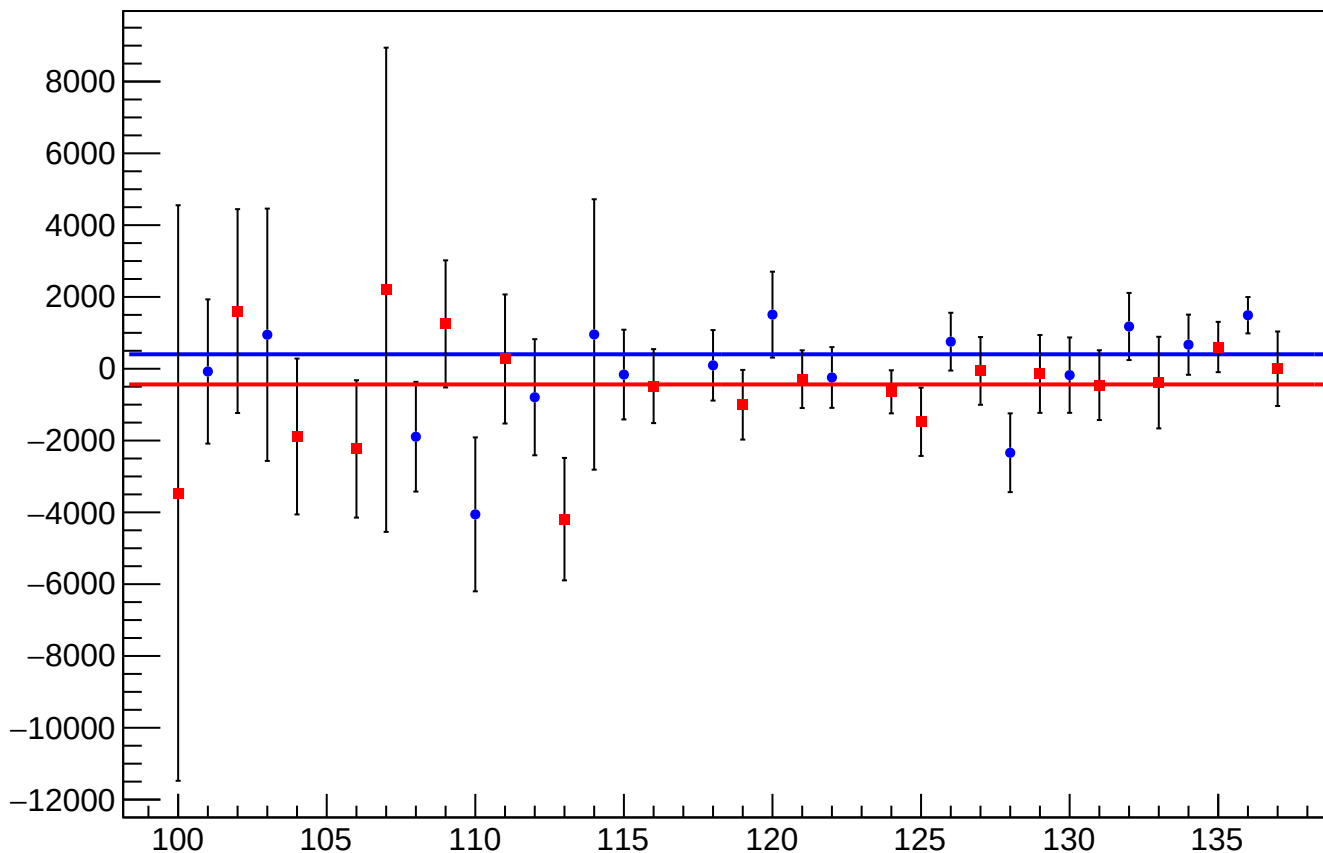
Right: 1952.750+/-0.368 χ^2/NDF : 1025644.1/34

In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.750+/-0.368 χ^2/NDF : 1025644.1/34

asym_at1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 402.701+/-258.564 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -436.691+/-252.672 χ^2/NDF : 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

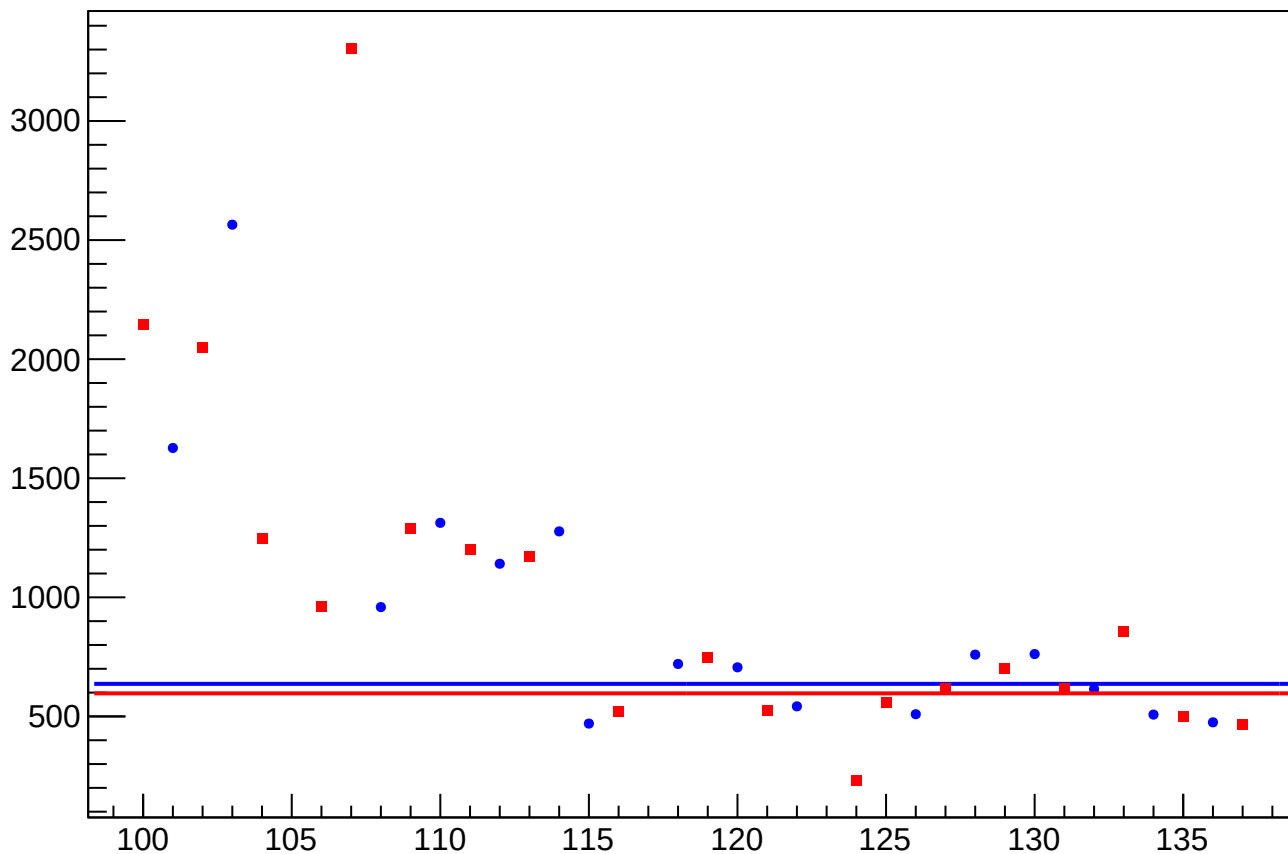
Right: -26.666+/-180.713 χ^2/NDF : 38.9/34

In: 402.701+/-258.564 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.666+/-180.713 χ^2/NDF : 38.9/34

asym_at1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 636.698 $\pm$ 0.183 χ^2 /NDF: 2066022.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 596.862 $\pm$ 0.179 χ^2 /NDF: 2930443.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

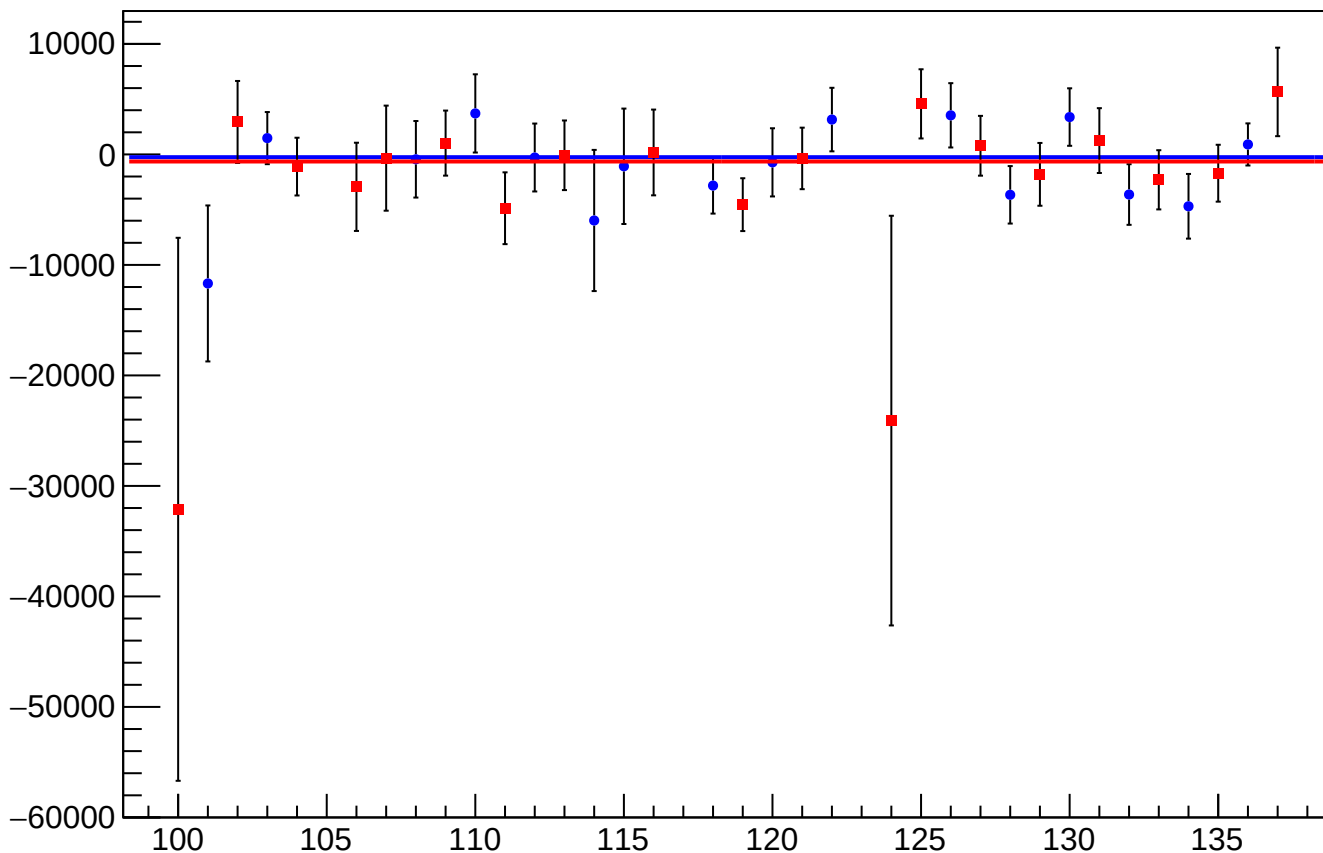
Right: 616.321 $\pm$ 0.128 χ^2 /NDF: 5020749.4/34

In: 636.698 $\pm$ 0.183 χ^2 /NDF:2066022.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 616.321 $\pm$ 0.128 χ^2 /NDF: 5020749.4/34

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -250.487+/-735.112 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -640.865+/-736.549 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

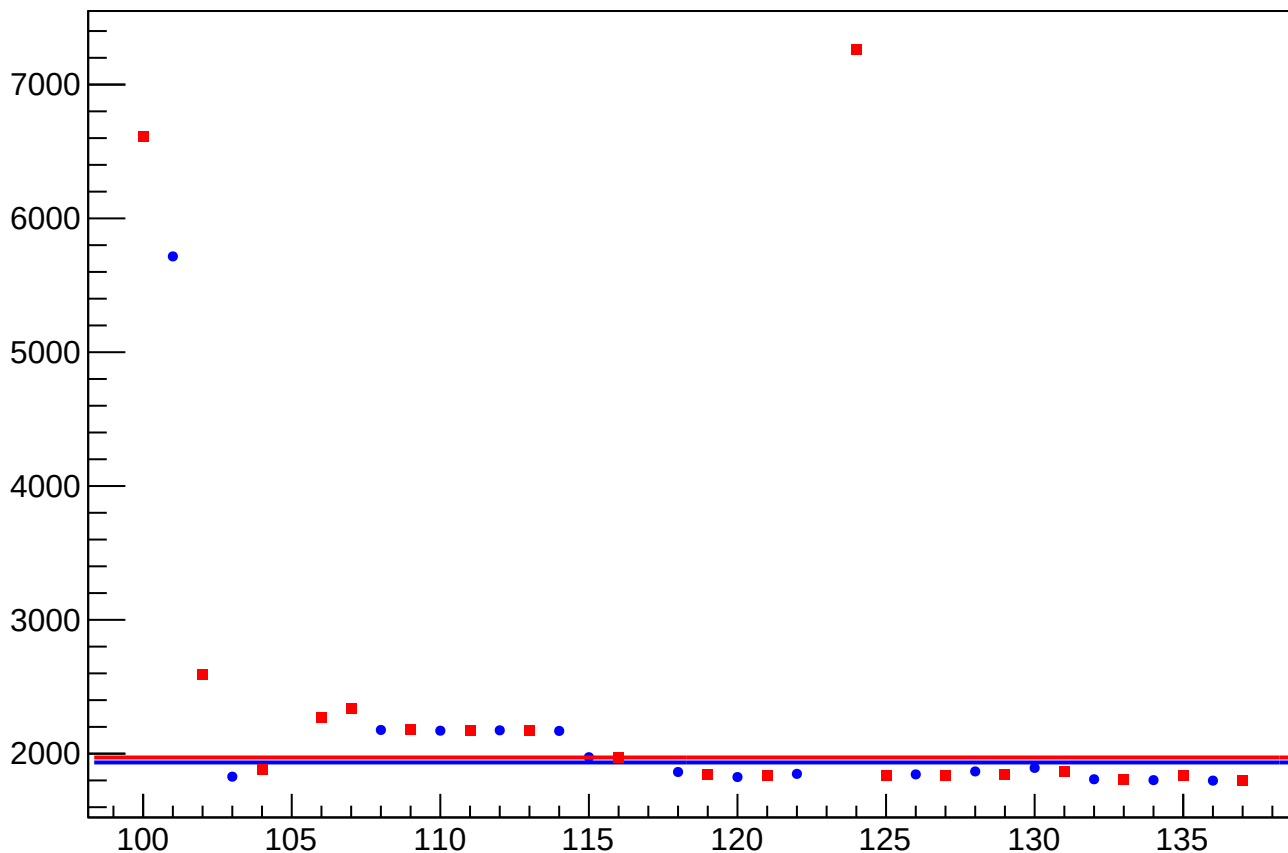
Right: -445.295+/-520.310 χ^2/NDF : 33.3/34

In: -250.487+/-735.112 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -445.295+/-520.310 χ^2/NDF : 33.3/34

eigen_cor_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1971.357+/-0.521 χ^2/NDF : 383176.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

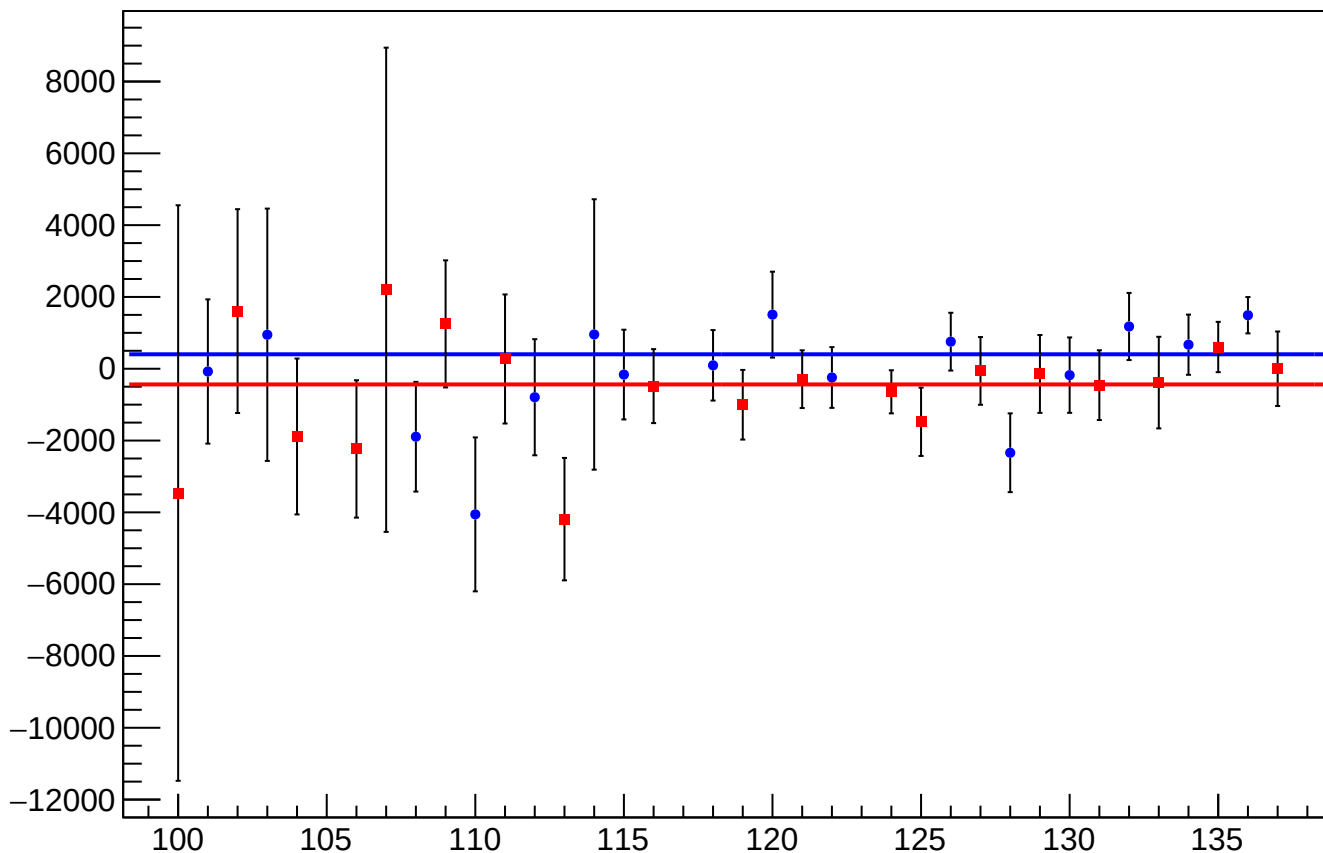
Right: 1952.750+/-0.368 χ^2/NDF : 1025644.1/34

In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1952.750+/-0.368 χ^2/NDF : 1025644.1/34

asym_at1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 402.701+/-258.564 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -436.691+/-252.672 χ^2/NDF : 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

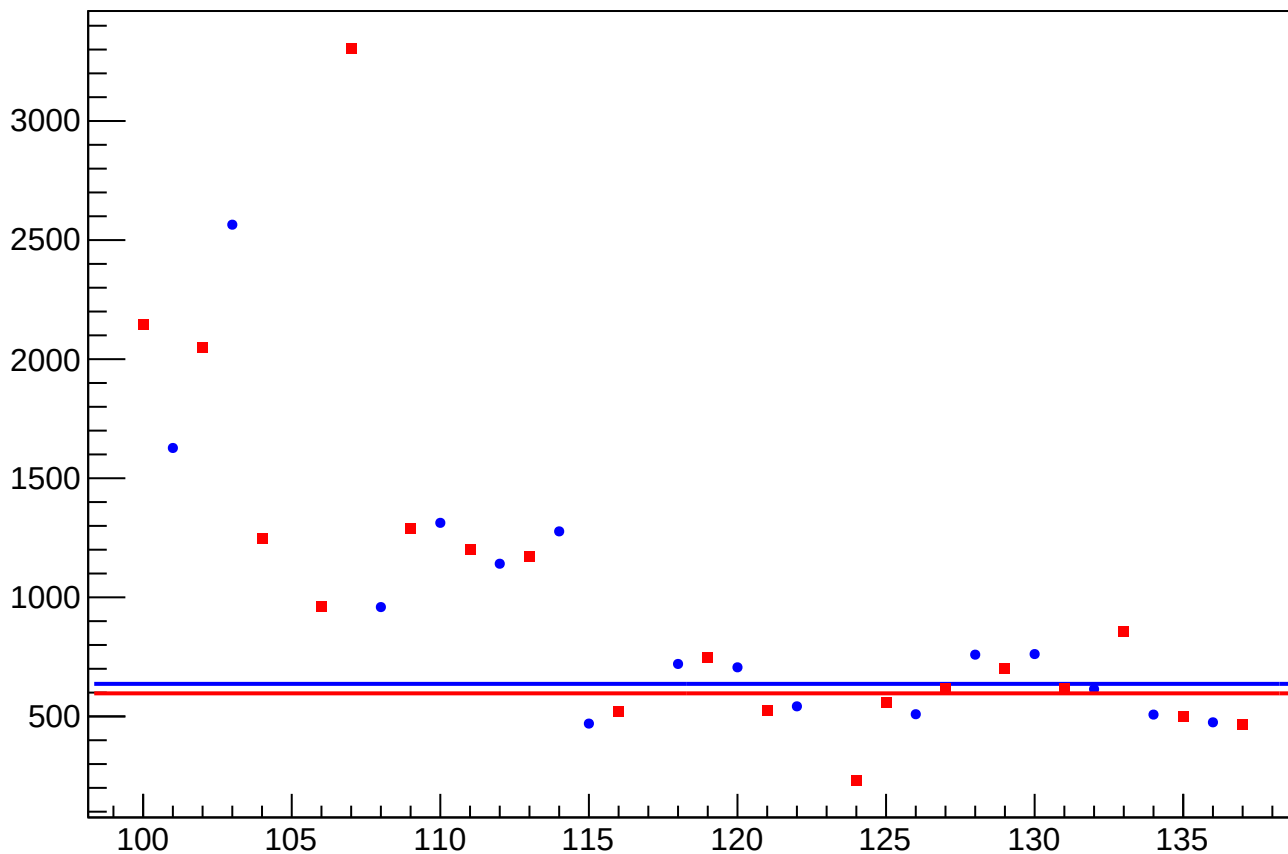
Right: -26.666+/-180.713 χ^2/NDF : 38.9/34

In: 402.701+/-258.564 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.666+/-180.713 χ^2/NDF : 38.9/34

asym_at1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 636.698+/-0.183 χ^2/NDF : 2066022.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 596.862+/-0.179 χ^2/NDF : 2930443.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

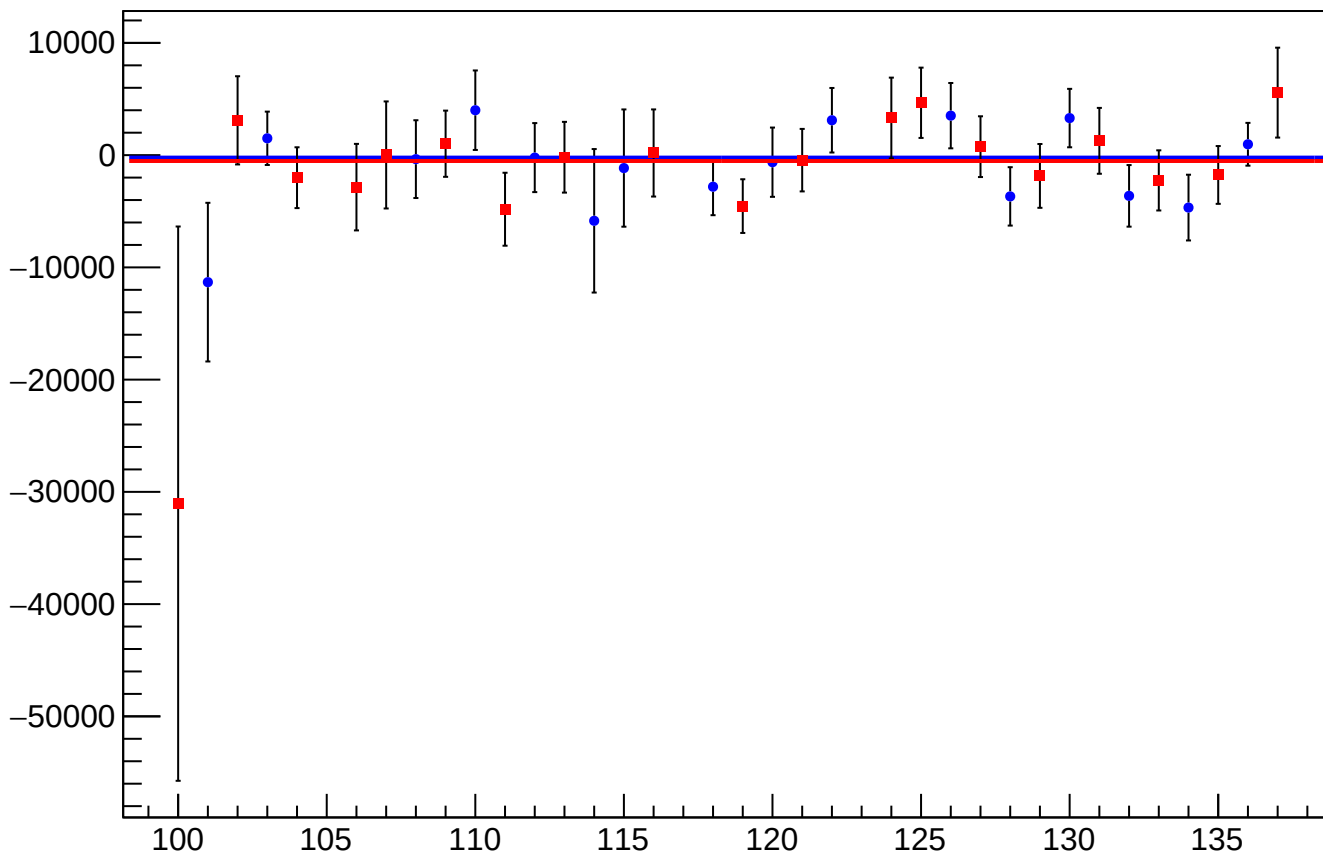
Right: 616.321+/-0.128 χ^2/NDF : 5020749.4/34

In: 636.698+/-0.183 χ^2/NDF : 2066022.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.321+/-0.128 χ^2/NDF : 5020749.4/34

dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -220.393+/-735.888 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -520.265+/-724.980 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

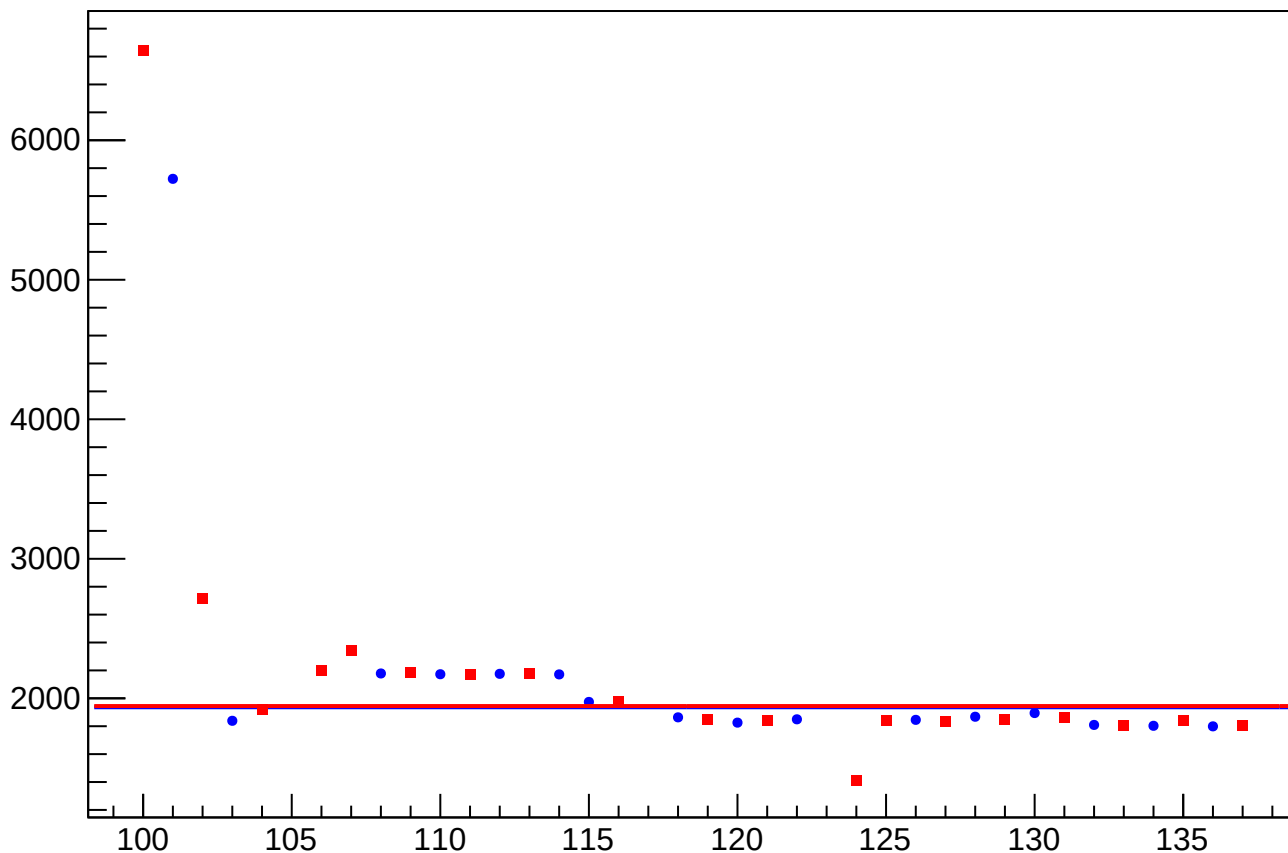
Right: -372.568+/-516.452 χ^2/NDF : 32.8/34

In: -220.393+/-735.888 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.568+/-516.452 χ^2/NDF : 32.8/34

dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1944.495+/-0.513 χ^2/NDF : 276223.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

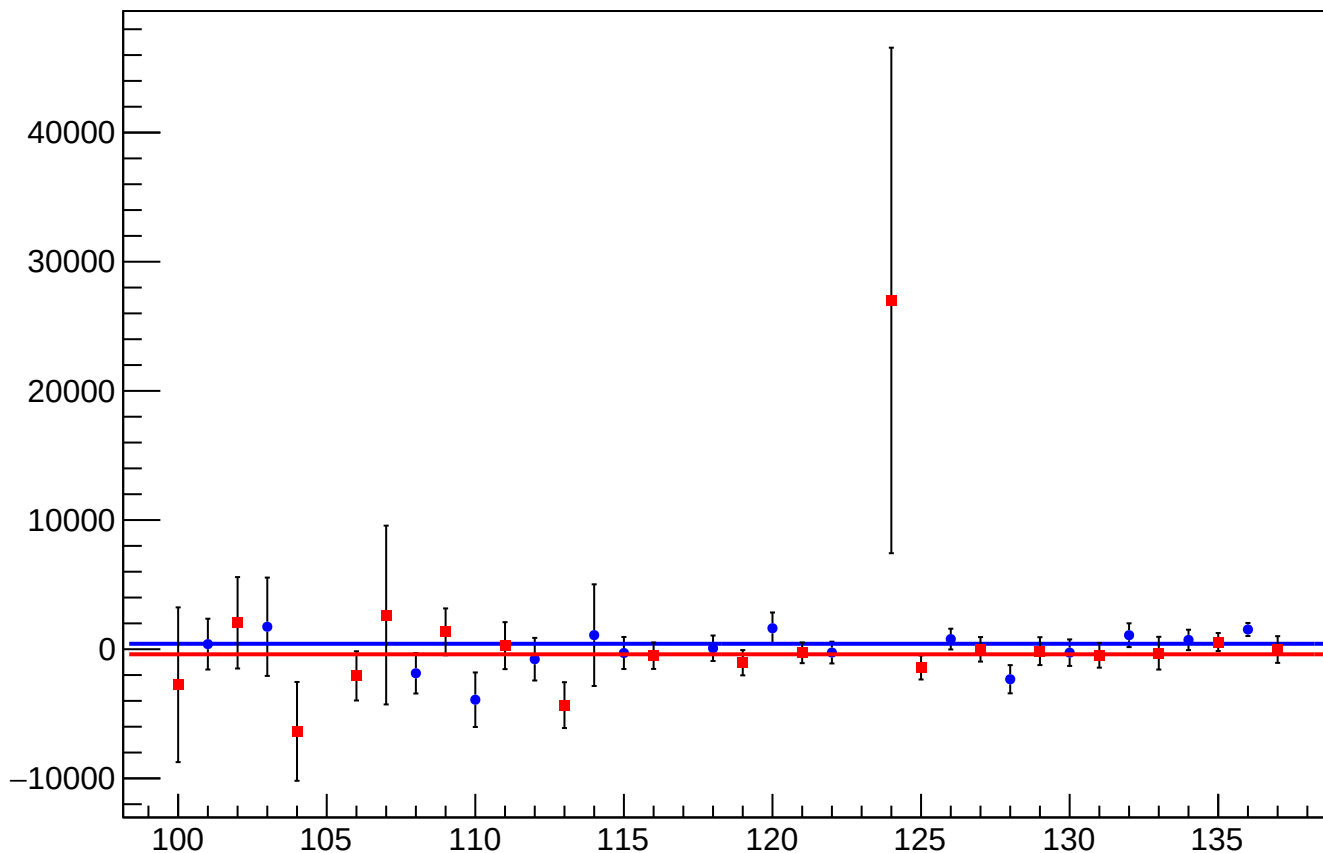
Right: 1940.298+/-0.365 χ^2/NDF : 916167.7/34

In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.298+/-0.365 χ^2/NDF : 916167.7/34

asym_at1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 421.145+/-256.749 χ^2/NDF : 21.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.590+/-279.562 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

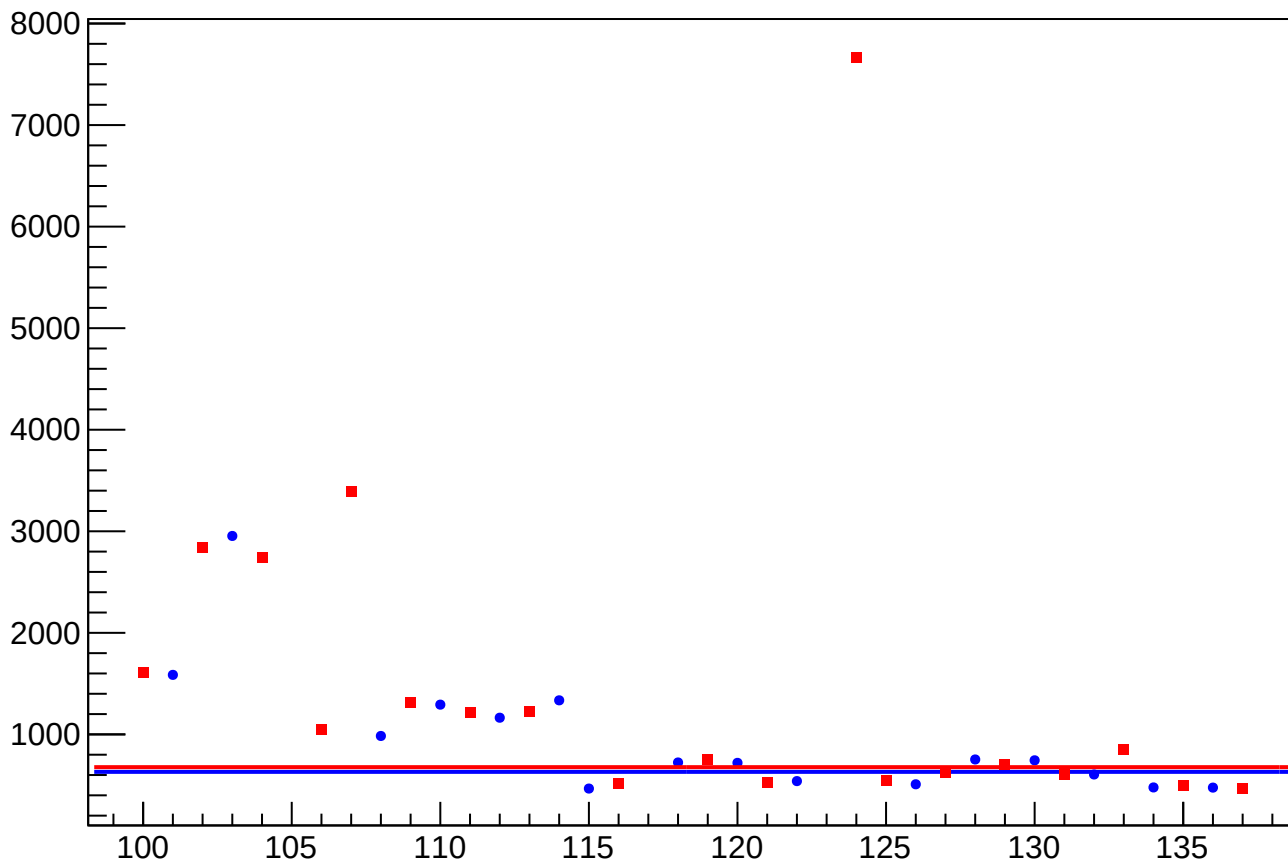
Right: 48.371+/-189.101 χ^2/NDF : 41.9/34

In: 421.145+/-256.749 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.371+/-189.101 χ^2/NDF : 41.9/34

asym_at1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.140+/-0.182 χ^2/NDF : 2234480.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.438+/-0.198 χ^2/NDF : 3081569.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

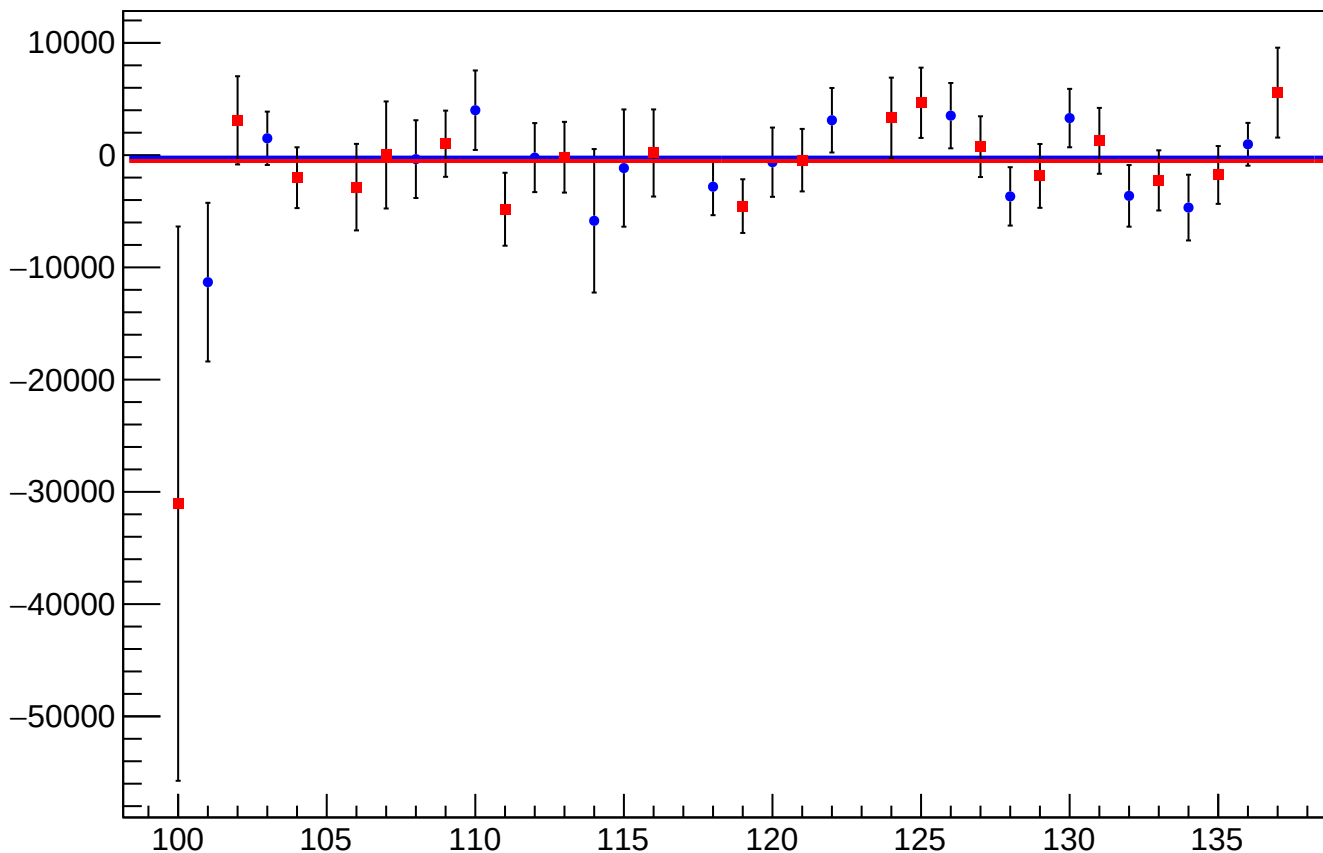
Right: 652.323+/-0.134 χ^2/NDF : 5345805.1/34

In: 631.140+/-0.182 χ^2/NDF : 2234480.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.323+/-0.134 χ^2/NDF : 5345805.1/34

eigen_dit_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -220.393+/-735.888 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -520.265+/-724.980 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

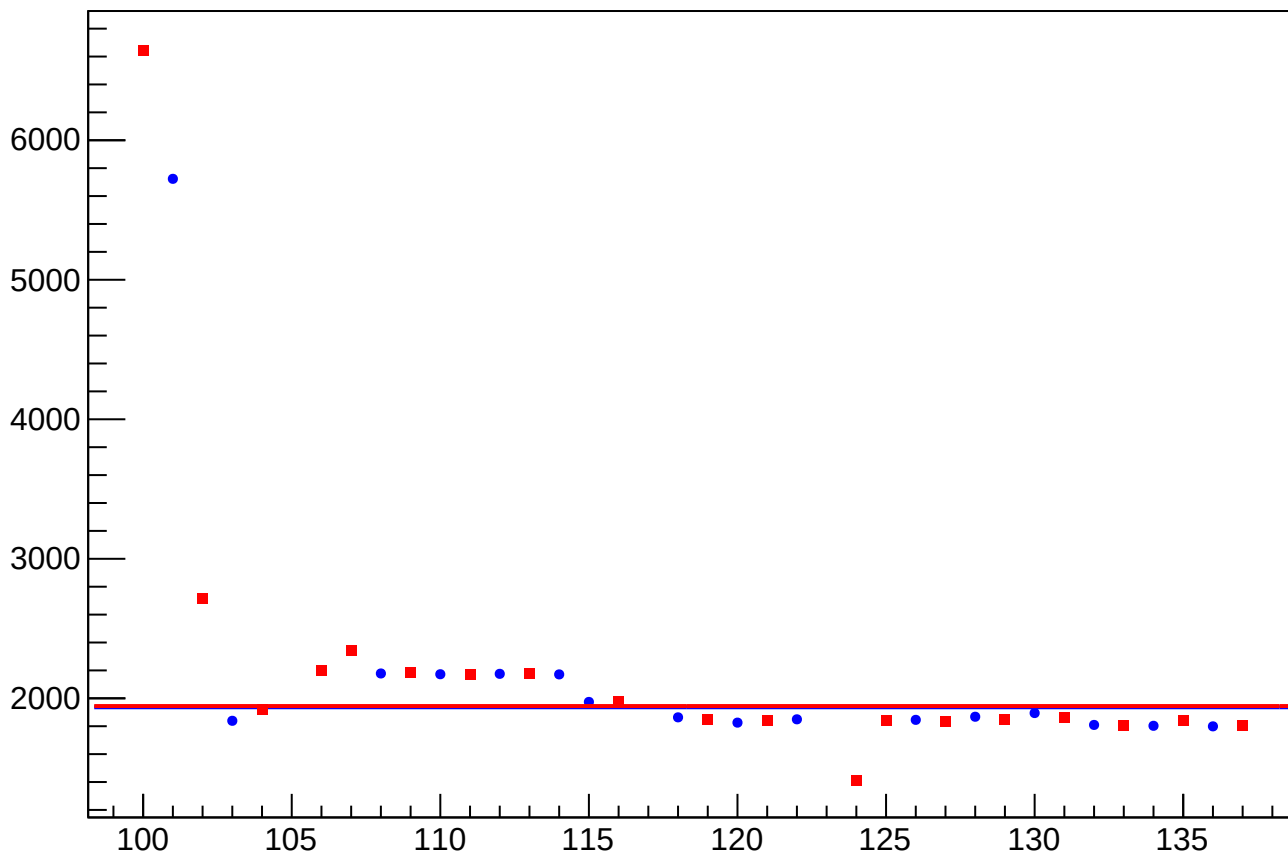
Right: -372.568+/-516.452 χ^2/NDF : 32.8/34

In: -220.393+/-735.888 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -372.568+/-516.452 χ^2/NDF : 32.8/34

eigen_dit_asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1944.495+/-0.513 χ^2/NDF : 276223.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

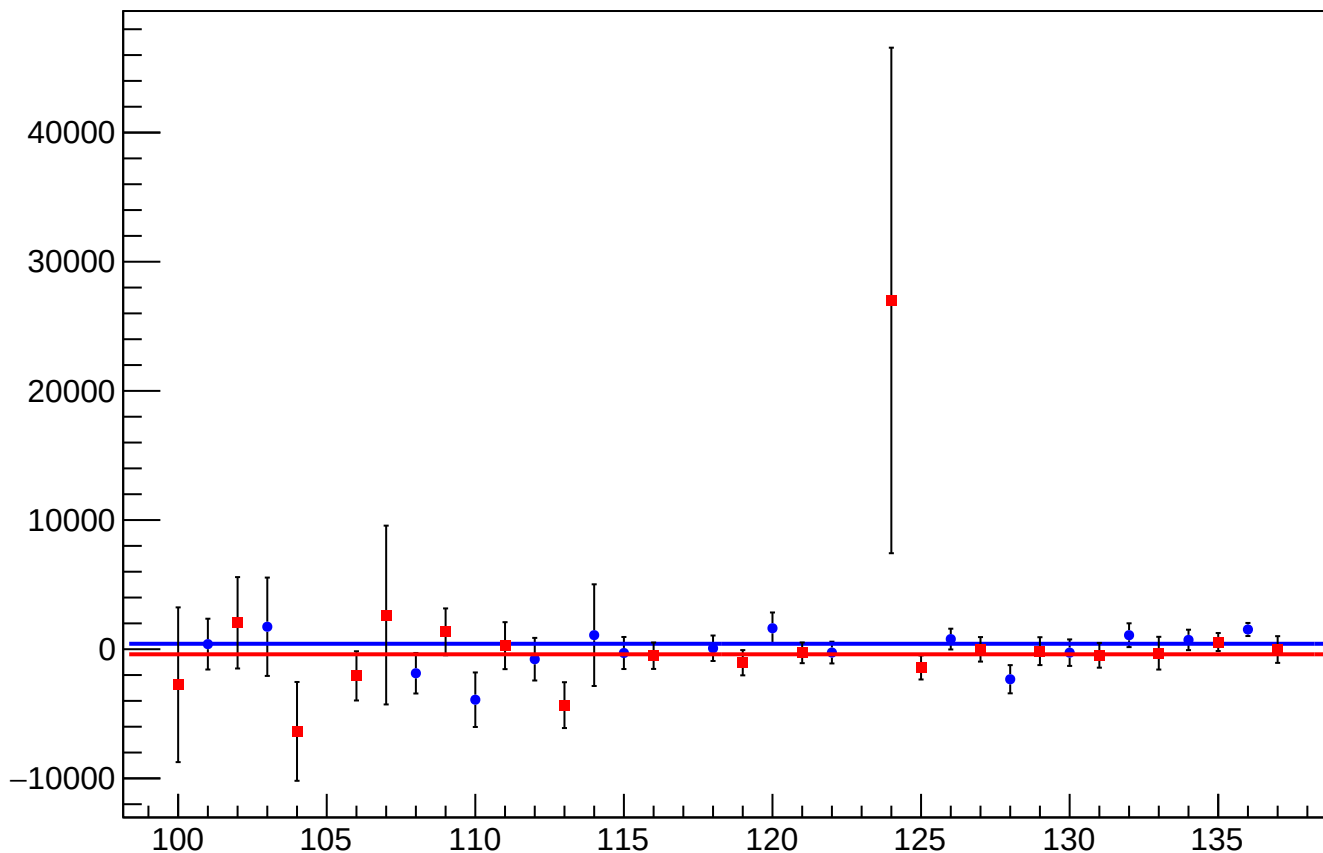
Right: 1940.298+/-0.365 χ^2/NDF : 916167.5/34

In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1940.298+/-0.365 χ^2/NDF : 916167.5/34

asym_at1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 421.144+/-256.749 χ^2/NDF : 21.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -393.591+/-279.562 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

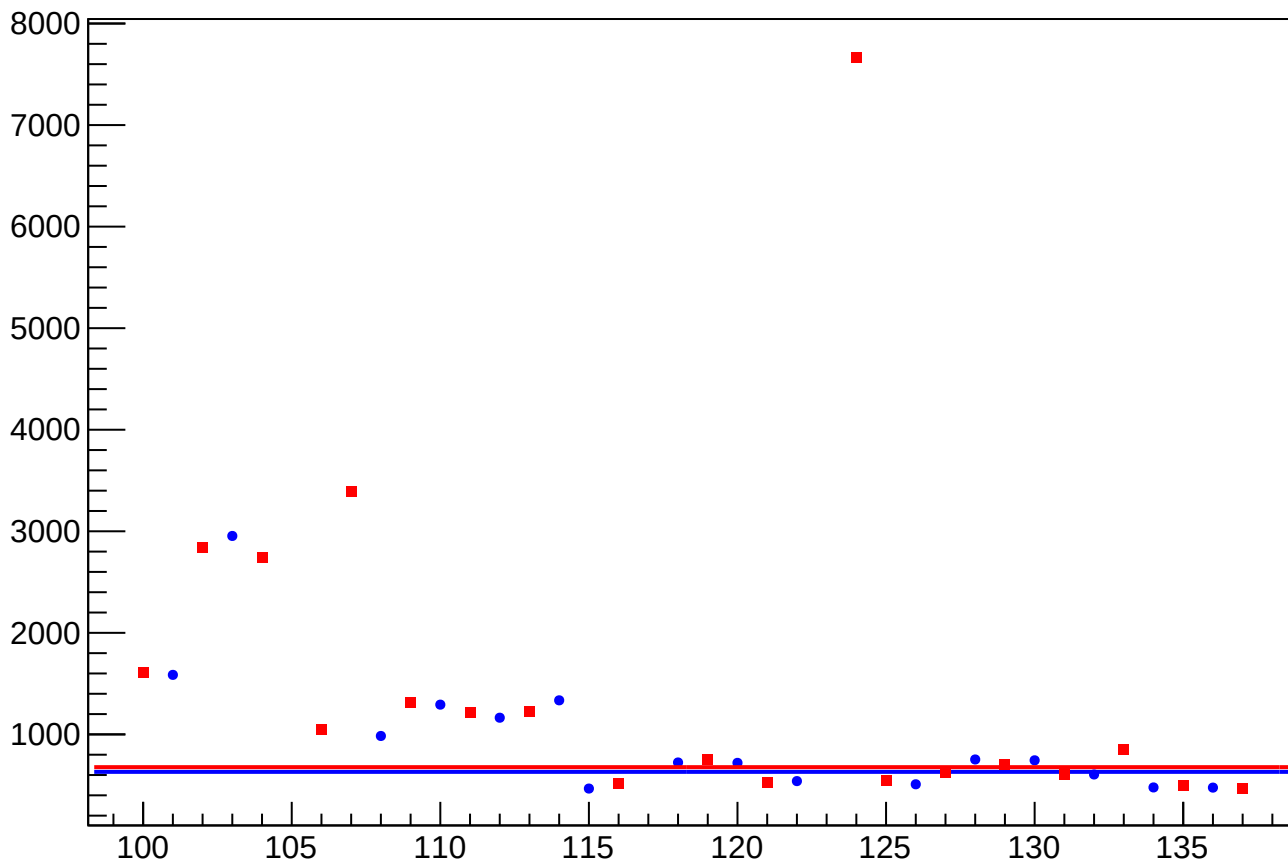
Right: 48.371+/-189.101 χ^2/NDF : 41.9/34

In: 421.144+/-256.749 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.371+/-189.101 χ^2/NDF : 41.9/34

asym_at1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 631.139+/-0.182 χ^2/NDF : 2234479.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 677.437+/-0.198 χ^2/NDF : 3081570.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

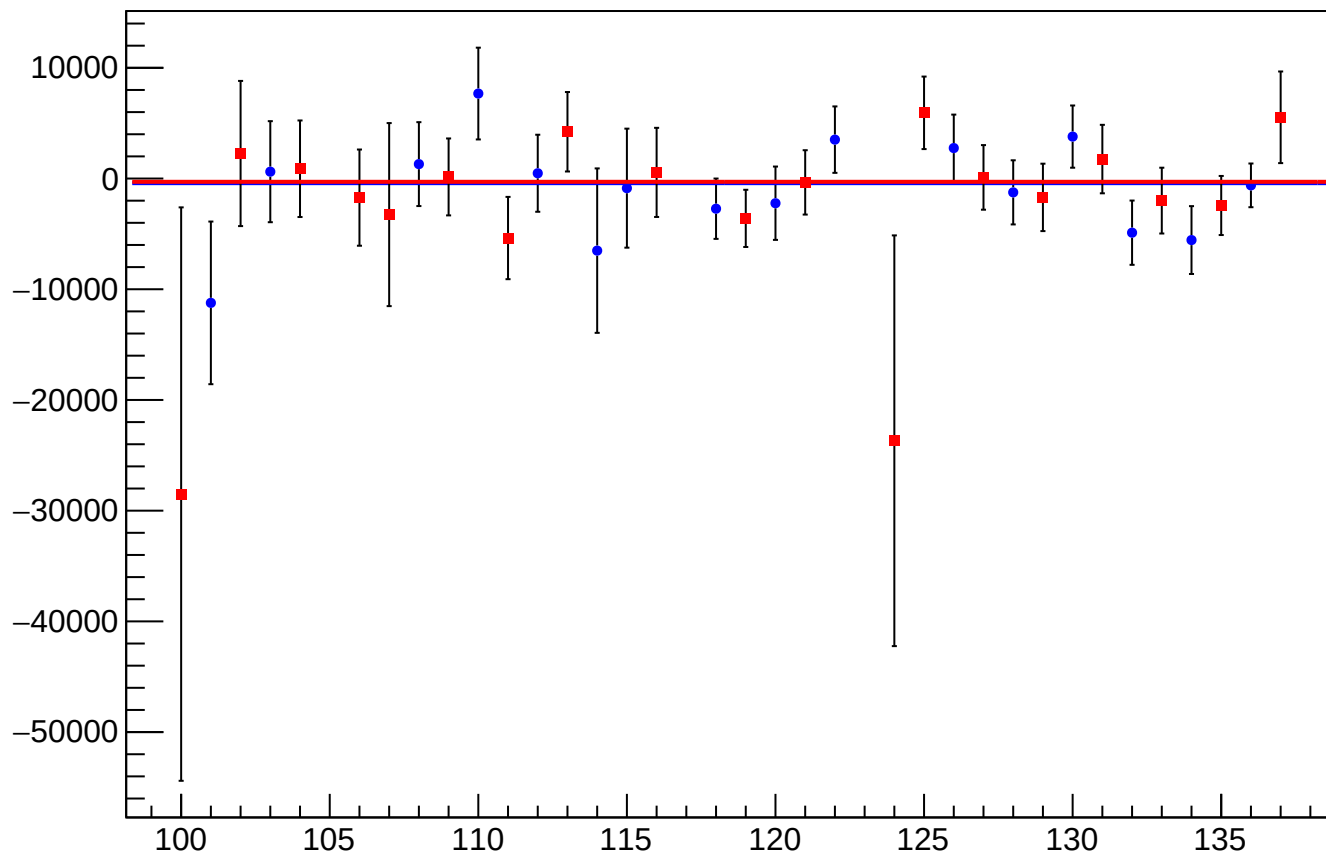
Right: 652.323+/-0.134 χ^2/NDF : 5345804.8/34

In: 631.139+/-0.182 χ^2/NDF : 2234479.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 652.323+/-0.134 χ^2/NDF : 5345804.8/34

asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -417.662+/-815.370 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -294.527+/-831.610 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

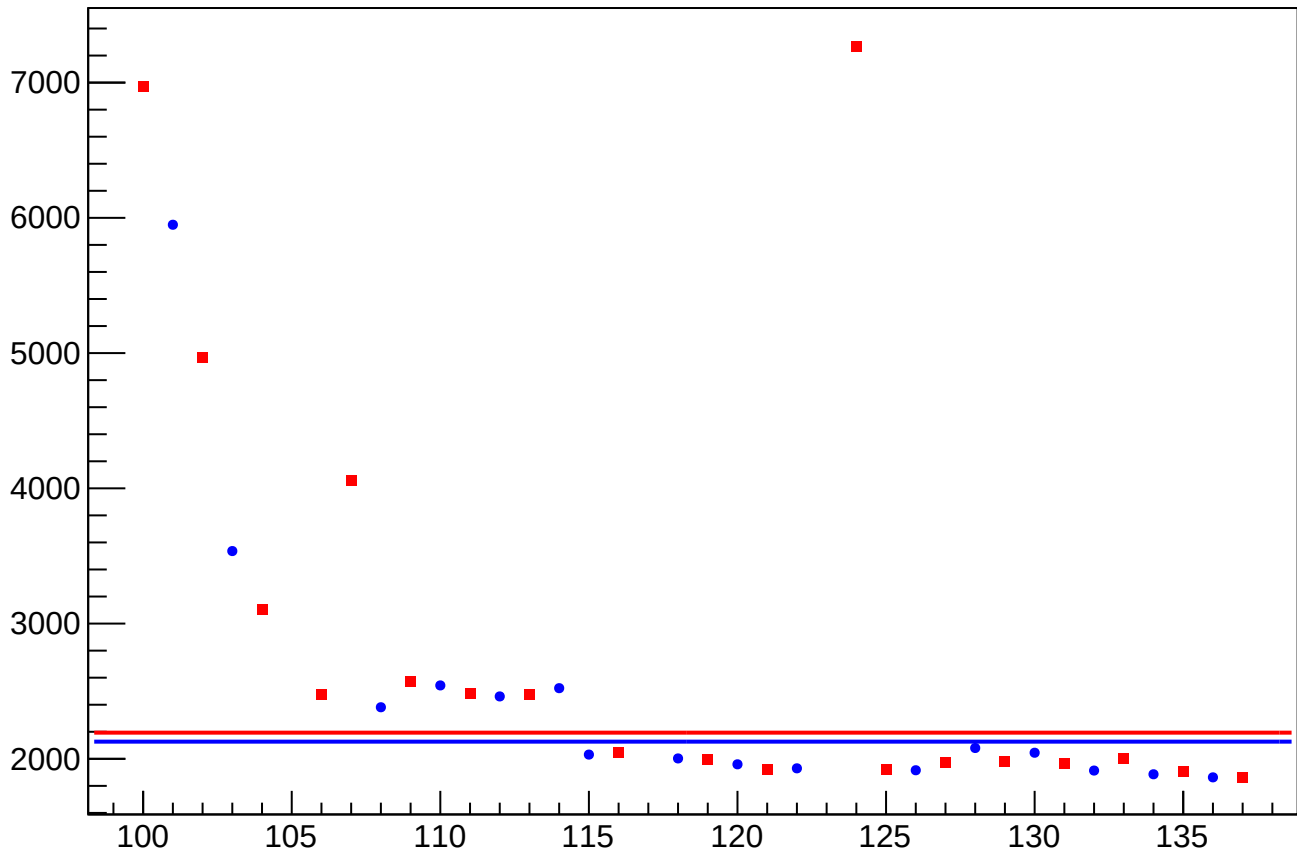
Right: -357.308+/-582.210 χ^2/NDF : 34.0/34

In: -417.662+/-815.370 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.308+/-582.210 χ^2/NDF : 34.0/34

asym_at1_dd_rms vs Slug, Sign Corrected



Right In: 2127.041+/-0.577 χ^2/NDF : 875078.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2193.560+/-0.588 χ^2/NDF : 942581.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

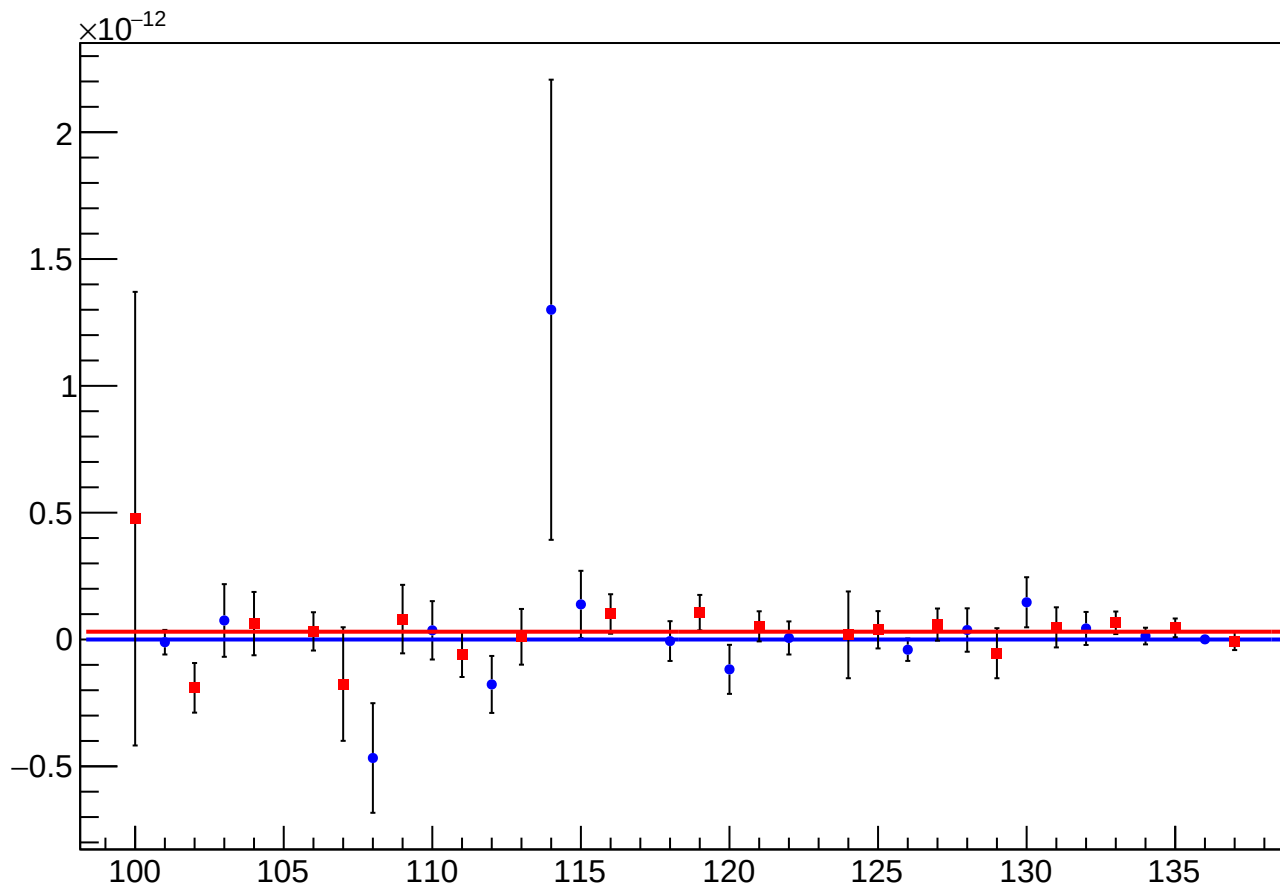
Right: 2159.645+/-0.412 χ^2/NDF : 1824183.5/34

In: 2127.041+/-0.577 χ^2/NDF :875078.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2159.645+/-0.412 χ^2/NDF : 1824183.5/34

asym_at1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

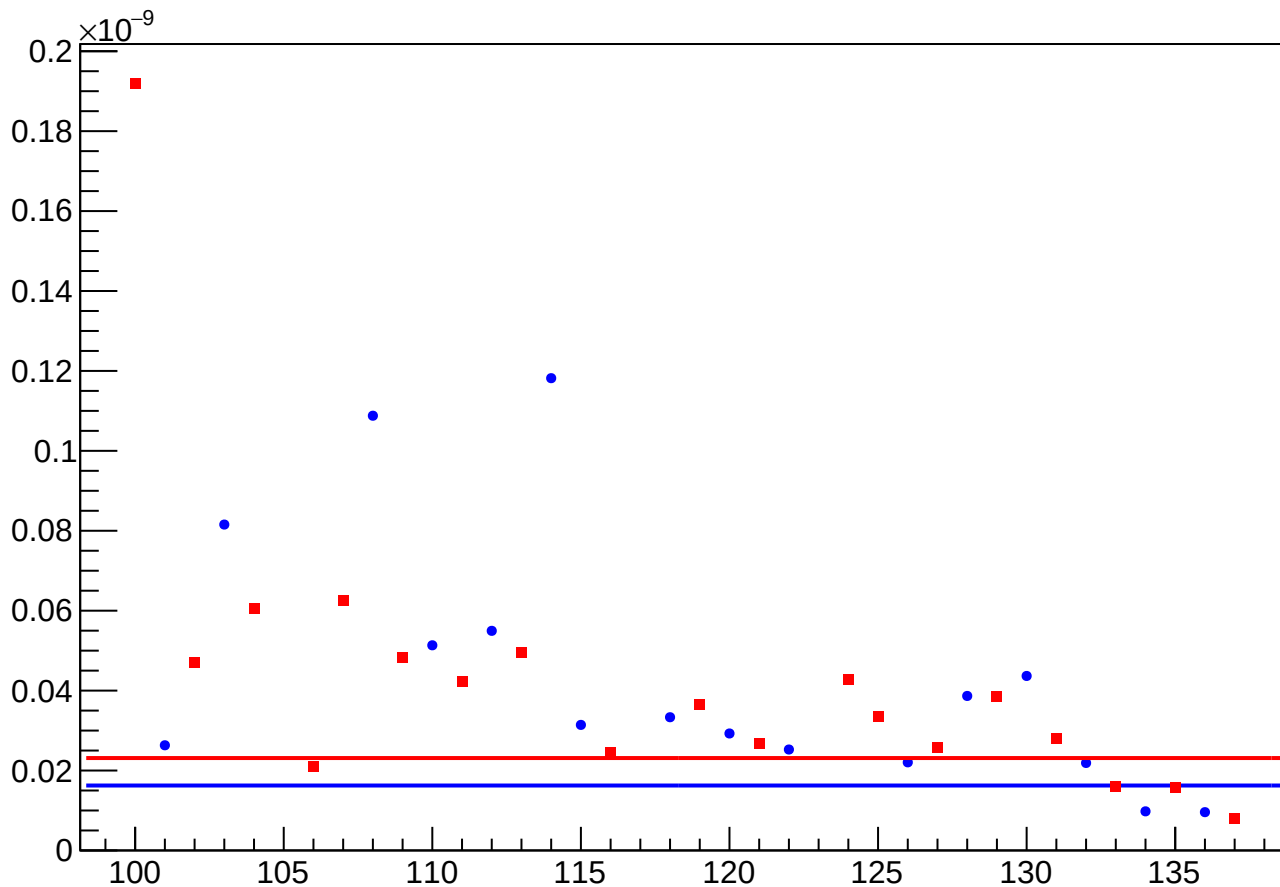
Right: 0.000+/-0.000 χ^2/NDF : 30.9/34

In: -0.000+/-0.000 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.9/34

asym_at1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2286703.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1411720.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

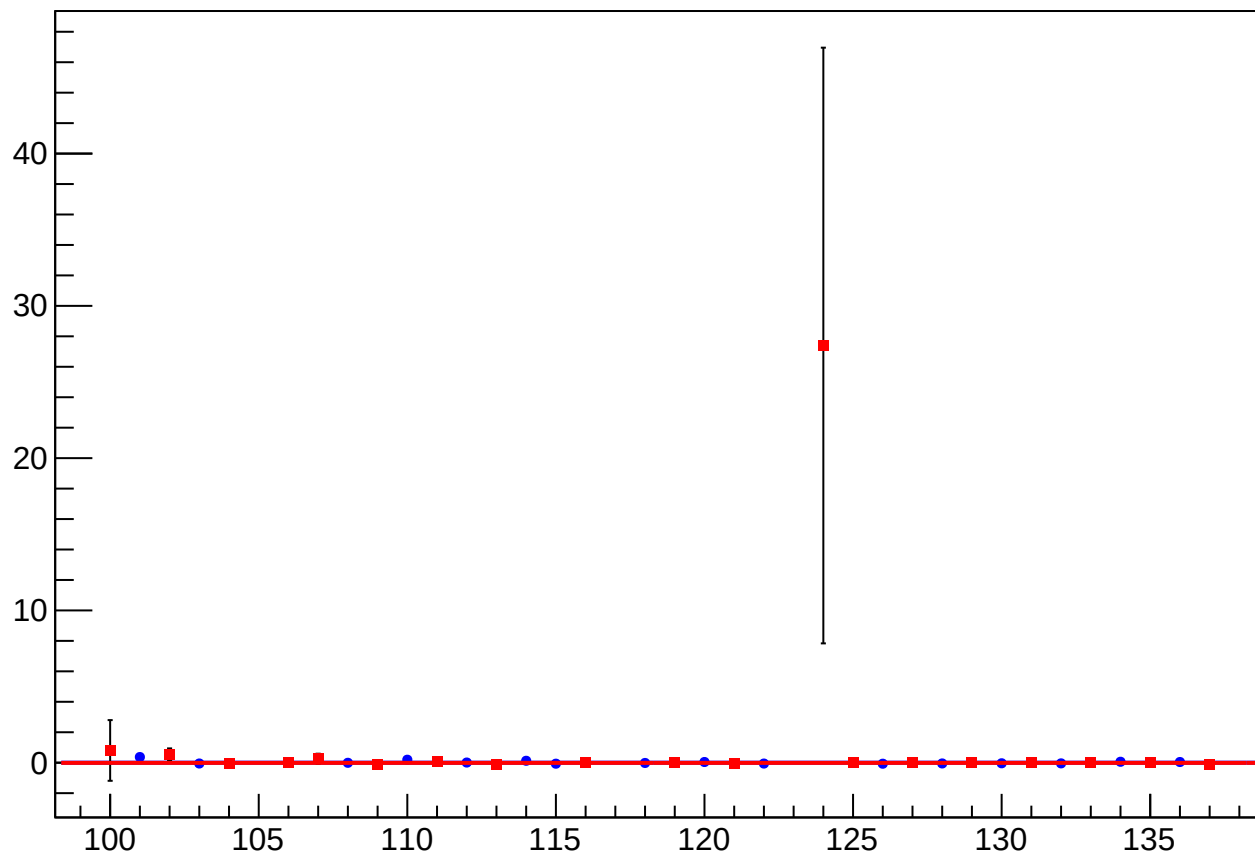
Right: 0.000+/-0.000 χ^2/NDF : 3942397.7/34

In: 0.000+/-0.000 χ^2/NDF : 2286703.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3942397.7/34

asym_at1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.015 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

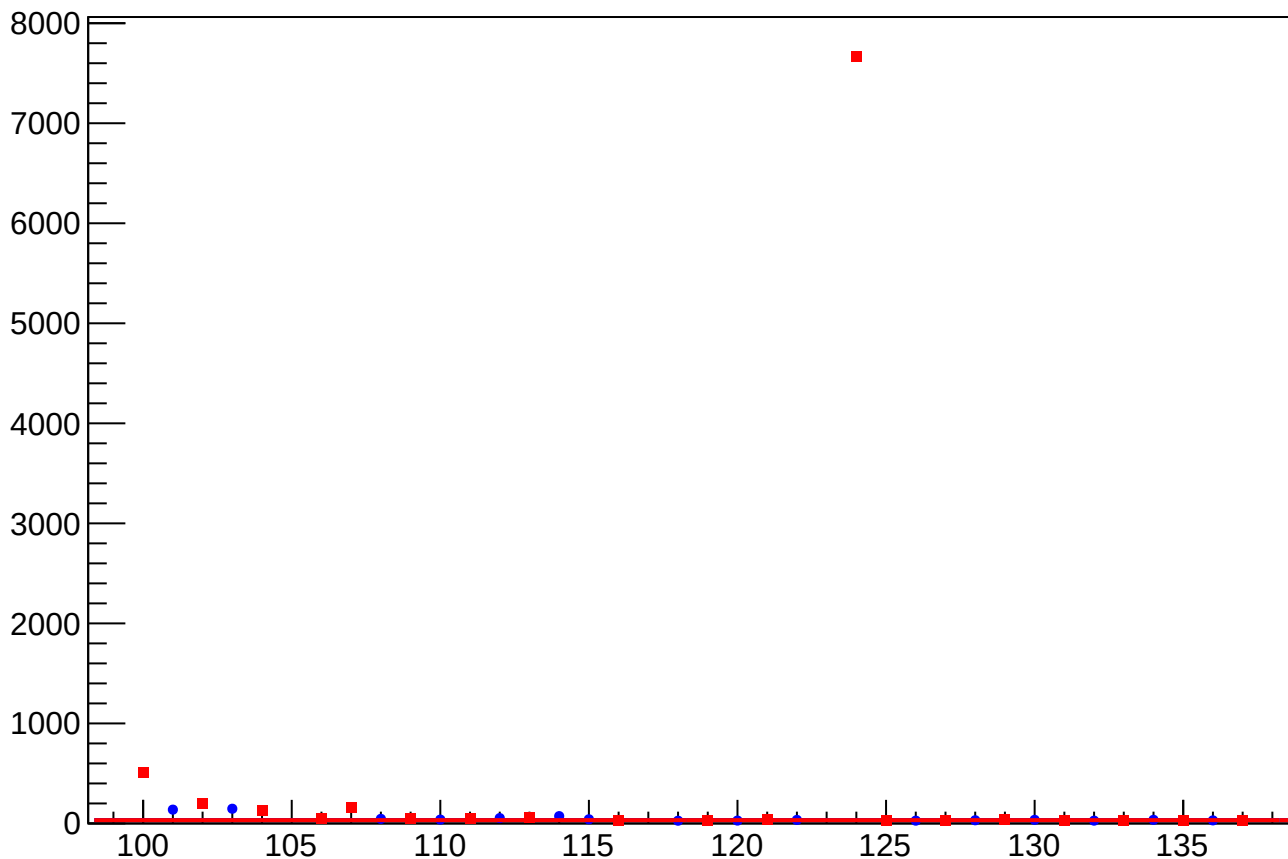
Right: -0.005+/-0.010 χ^2/NDF : 35.6/34

In: 0.002+/-0.015 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.010 χ^2/NDF : 35.6/34

asym_at1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.084+/-0.011 χ^2/NDF : 2075124.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

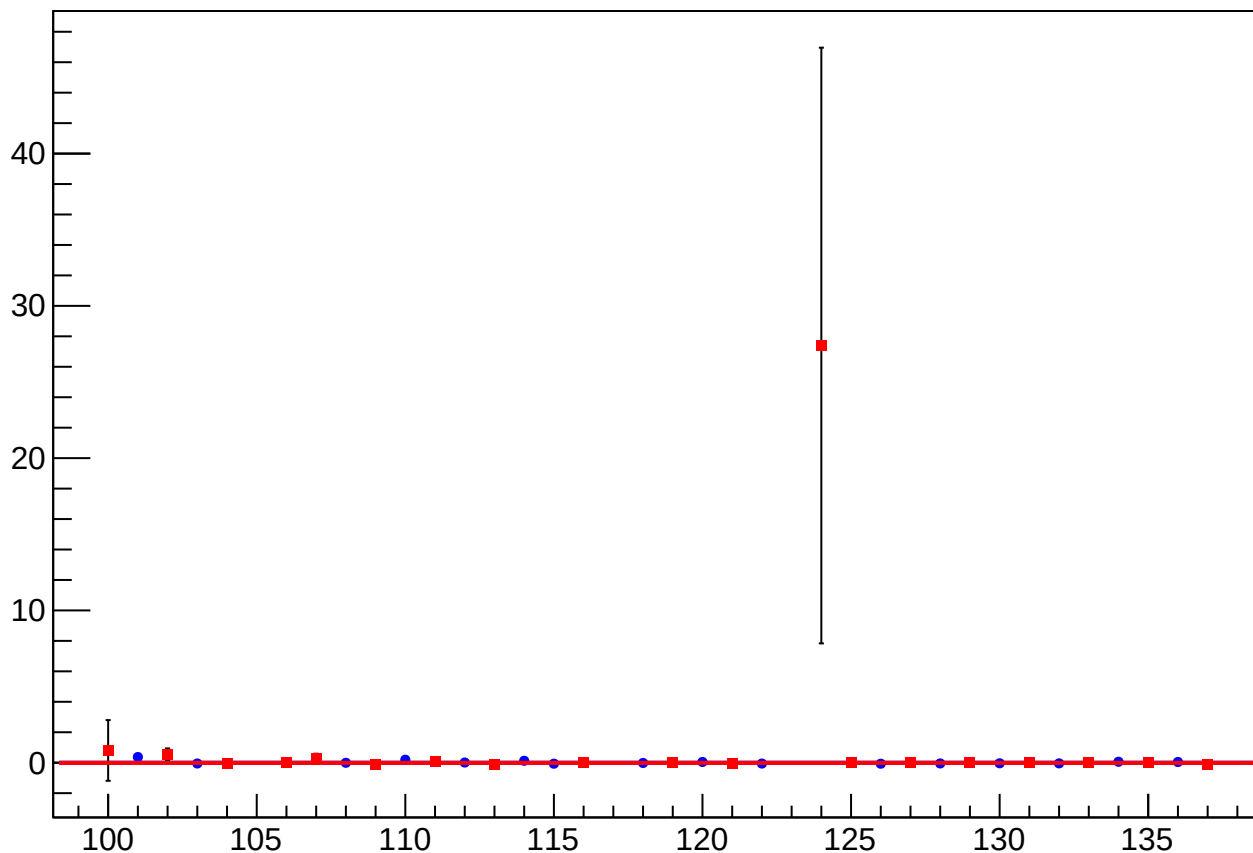
Right: 33.573+/-0.007 χ^2/NDF : 3796696.6/34

In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.573+/-0.007 χ^2/NDF : 3796696.6/34

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 21.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

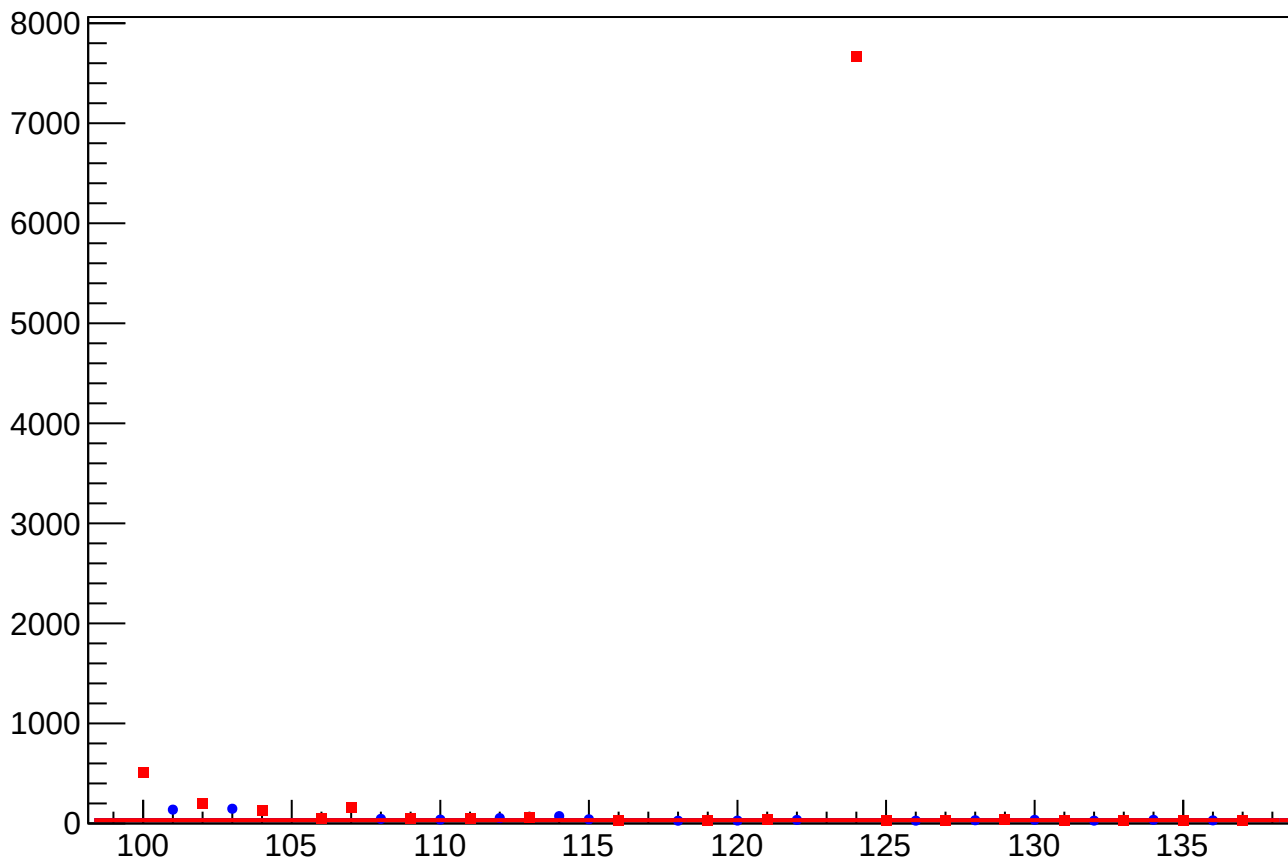
Right: -0.005 $\pm$ 0.010 χ^2 /NDF: 35.6/34

In: 0.002 $\pm$ 0.015 χ^2 /NDF:21.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 35.6/34

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.084+/-0.011 χ^2/NDF : 2075124.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

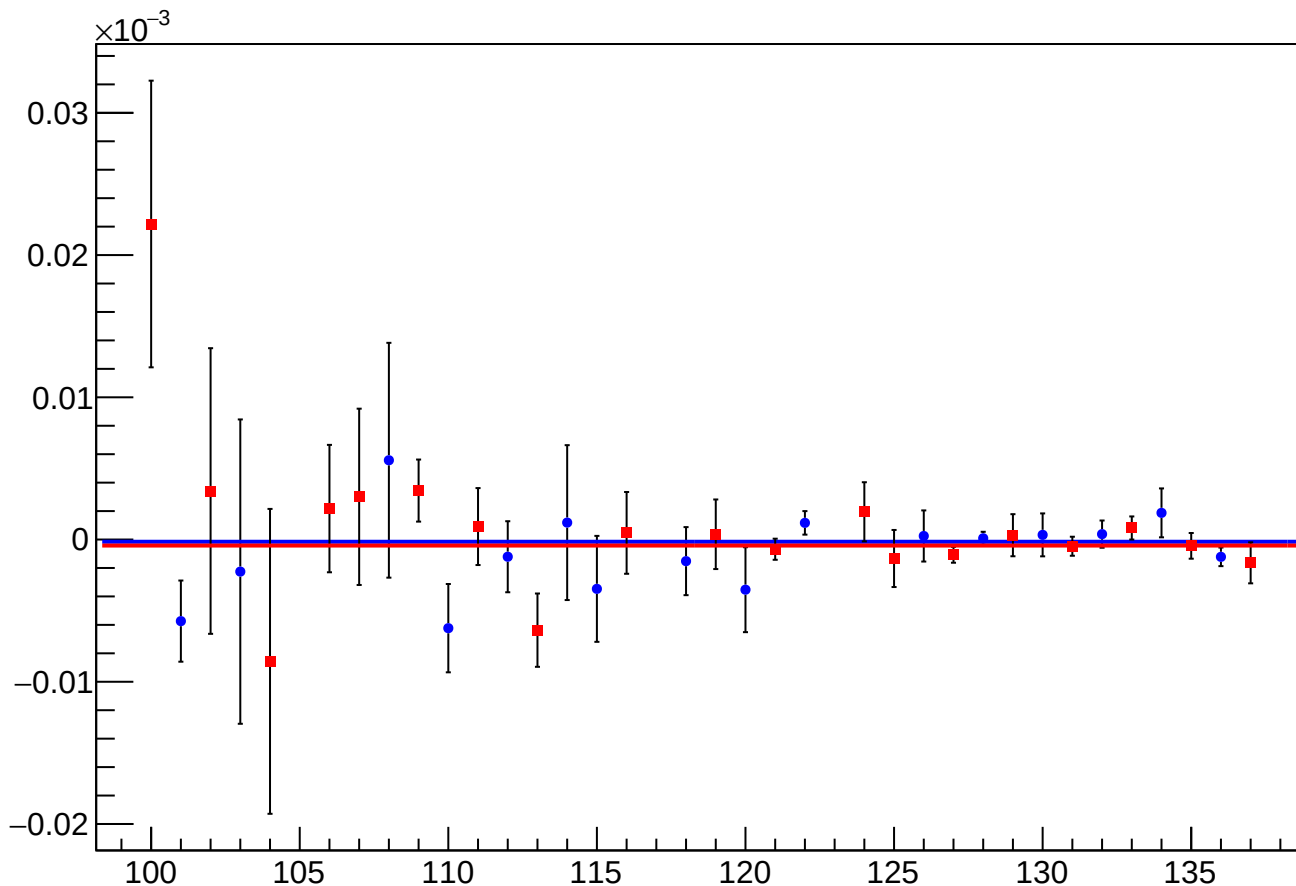
Right: 33.573+/-0.007 χ^2/NDF : 3796696.6/34

In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.573+/-0.007 χ^2/NDF : 3796696.6/34

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

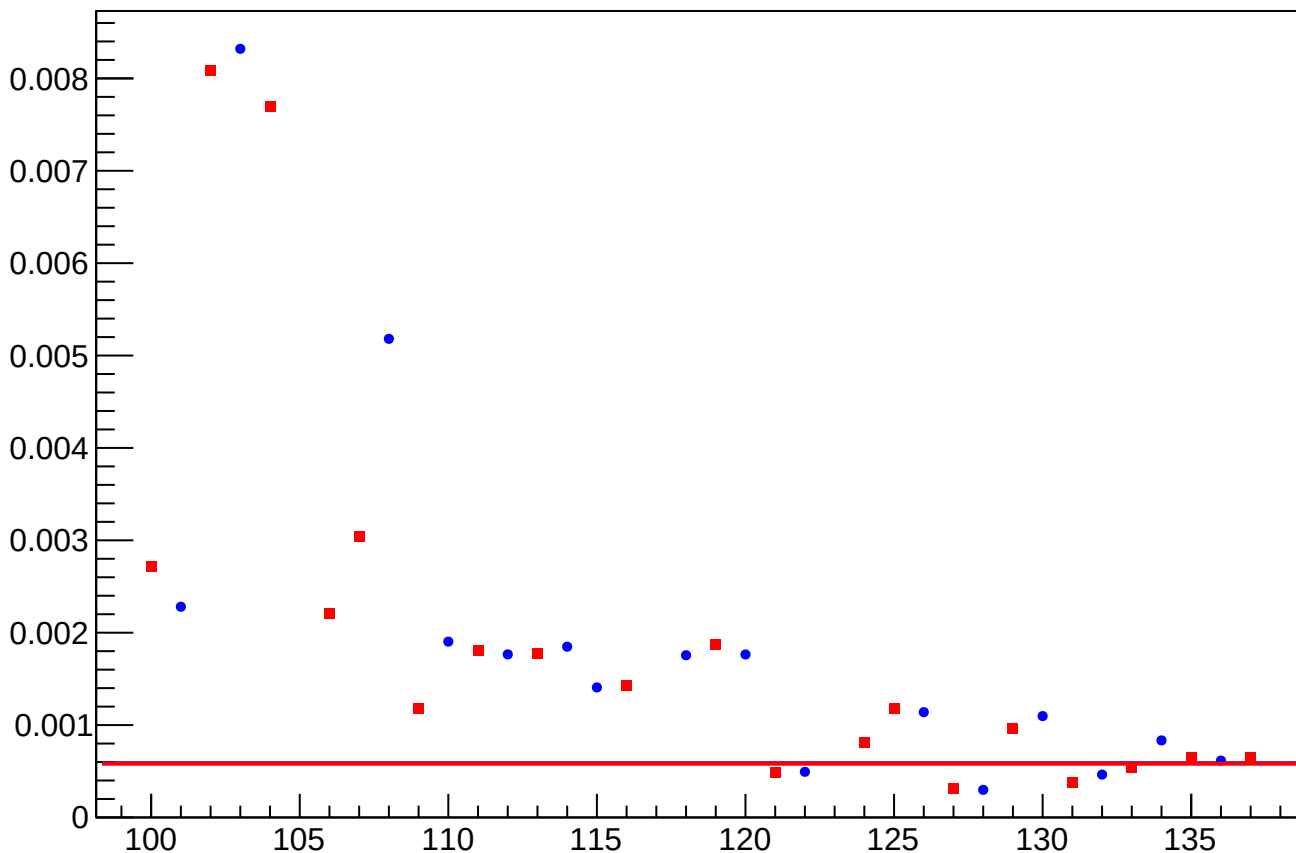
Right: -0.000+/-0.000 χ^2 /NDF: 40.2/34

In: -0.000+/-0.000 χ^2 /NDF:18.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 40.2/34

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 5485949.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5431787.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

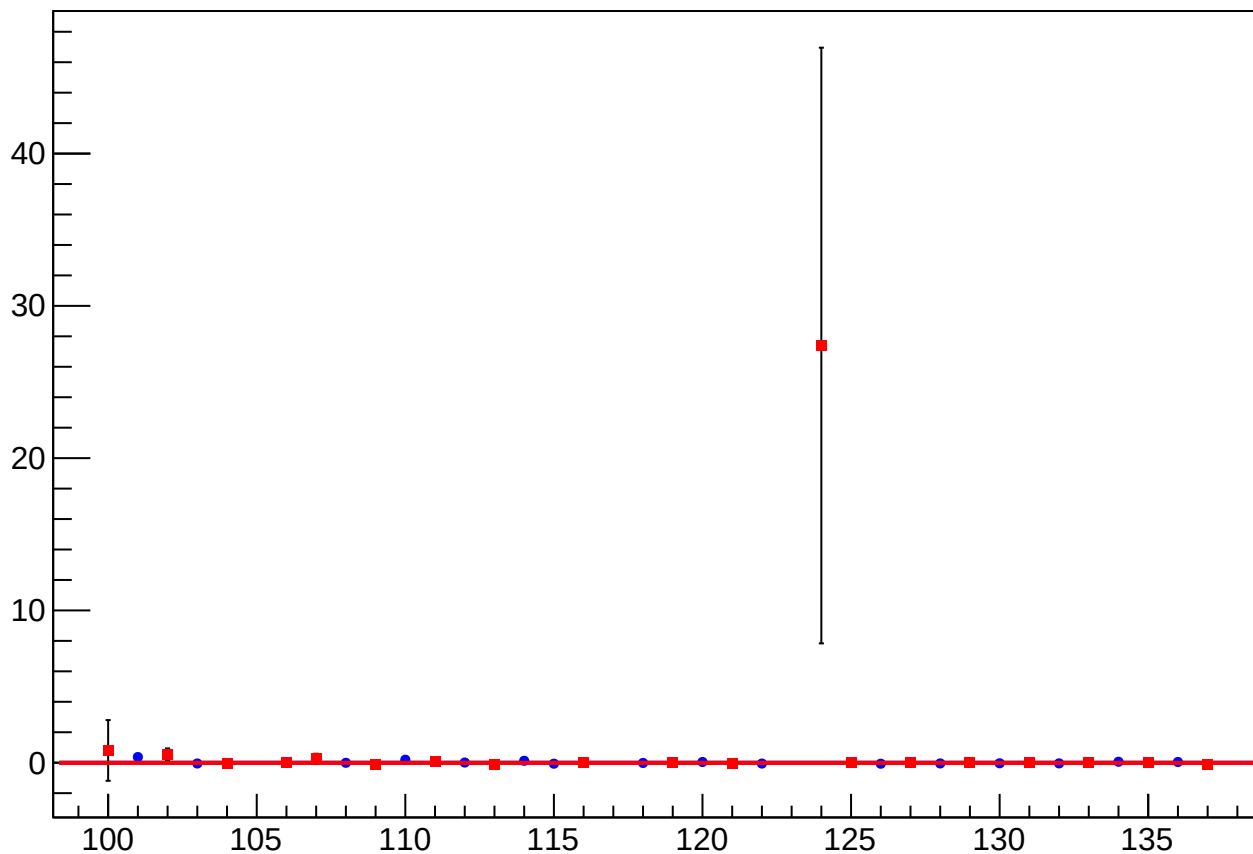
Right: 0.001+/-0.000 χ^2/NDF : 10917885.2/34

In: 0.001+/-0.000 χ^2/NDF :5485949.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10917885.2/34

asym_at1_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.002+/-0.015 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.012+/-0.015 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

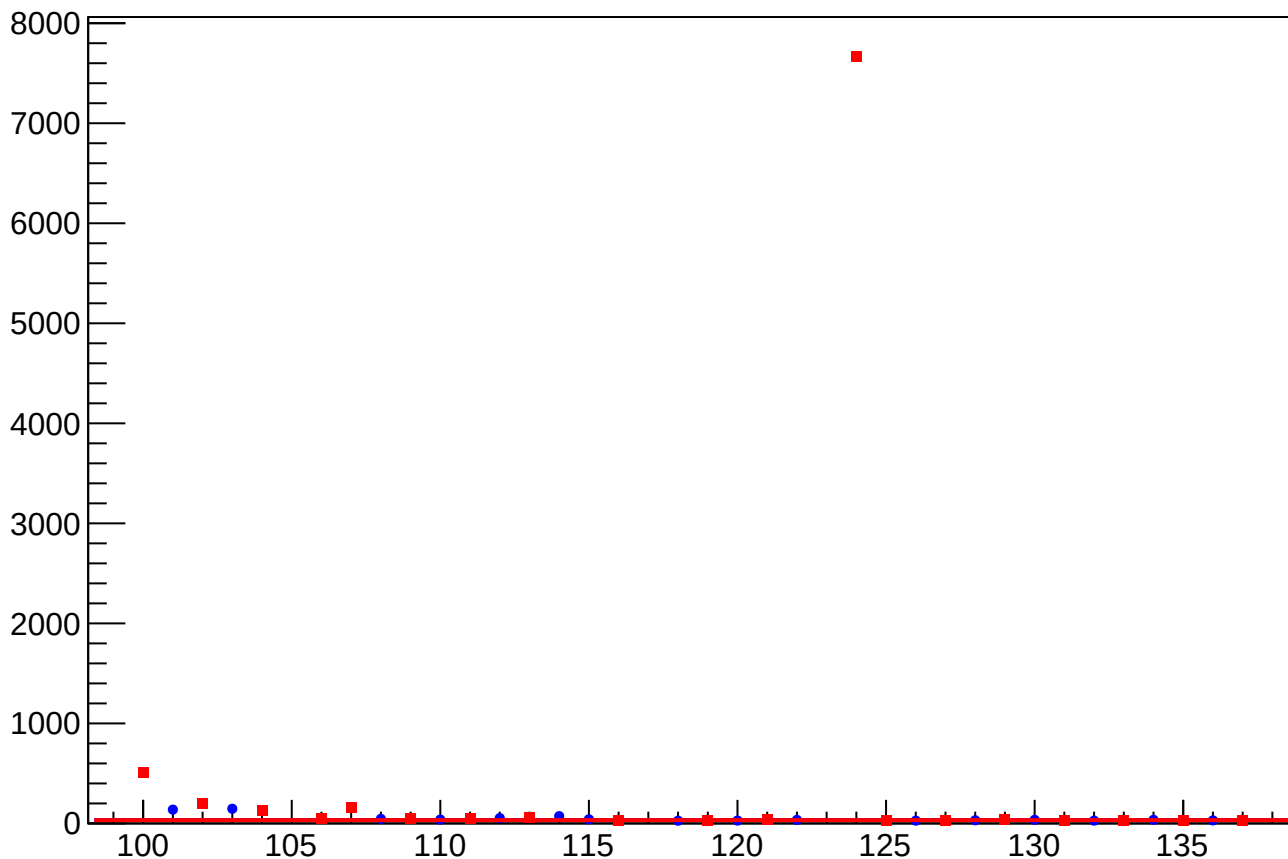
Right: -0.005+/-0.010 χ^2/NDF : 35.6/34

In: 0.002+/-0.015 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.010 χ^2/NDF : 35.6/34

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.083+/-0.011 χ^2/NDF : 2075105.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

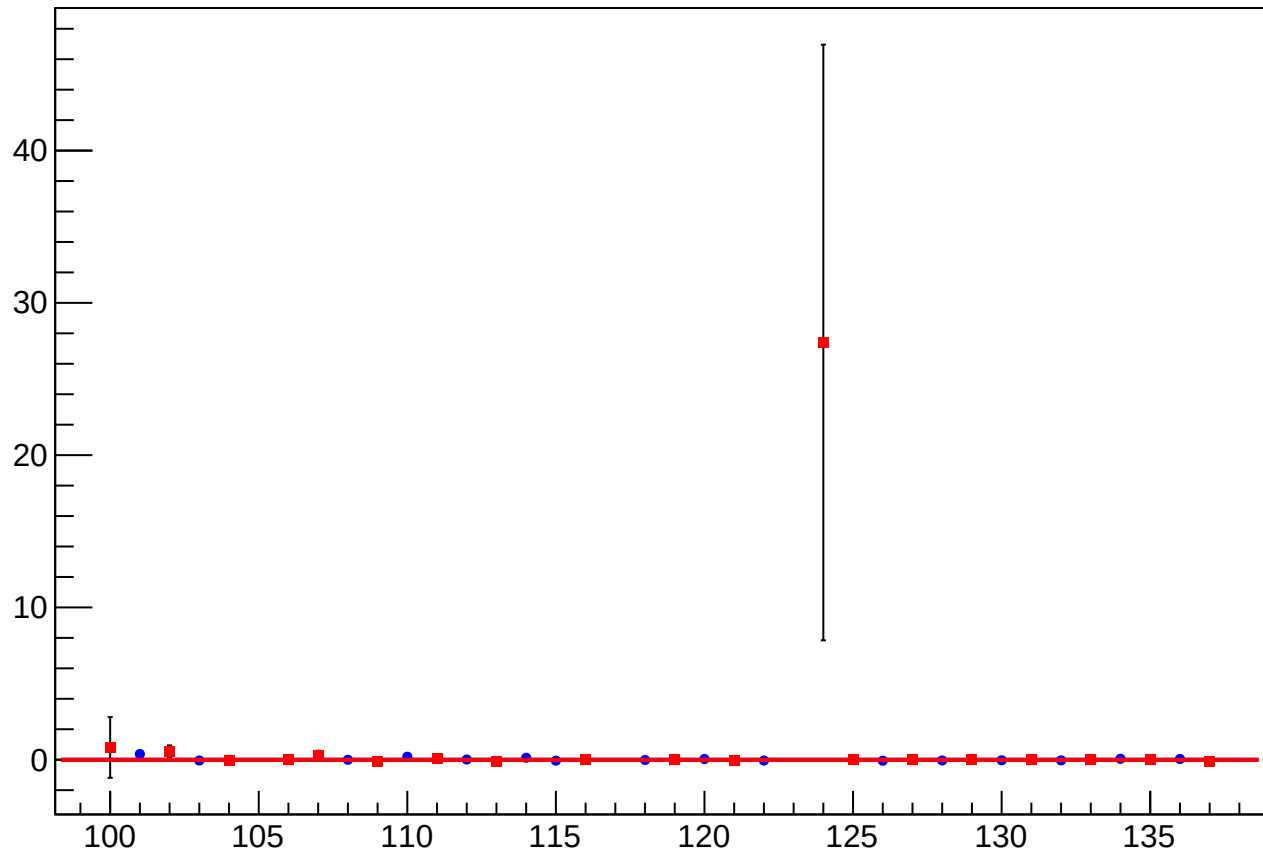
Right: 33.573+/-0.007 χ^2/NDF : 3796667.3/34

In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.573+/-0.007 χ^2/NDF : 3796667.3/34

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.015 χ^2 /NDF: 21.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

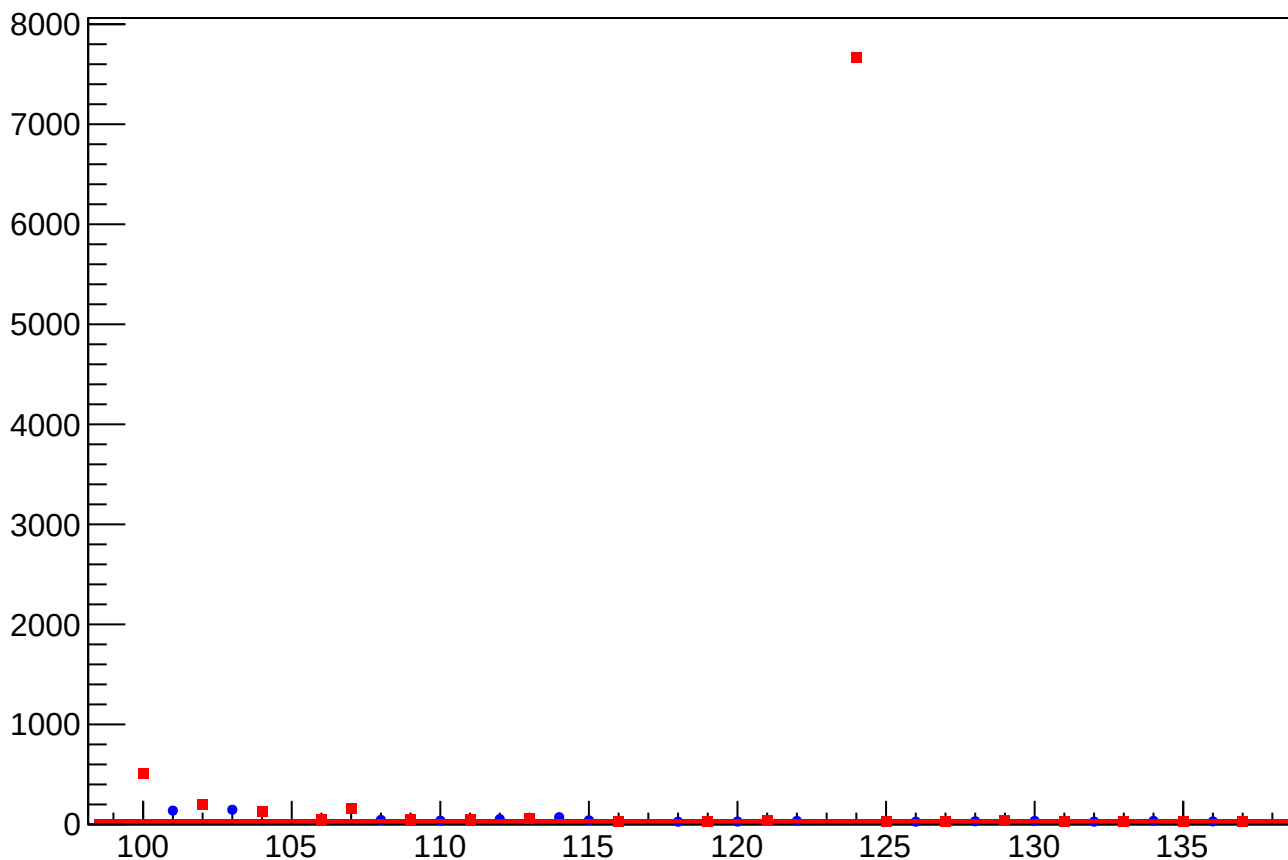
Right: -0.005 $\pm$ 0.010 χ^2 /NDF: 35.6/34

In: 0.002 $\pm$ 0.015 χ^2 /NDF:21.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.010 χ^2 /NDF: 35.6/34

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.083+/-0.011 χ^2/NDF : 2075105.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

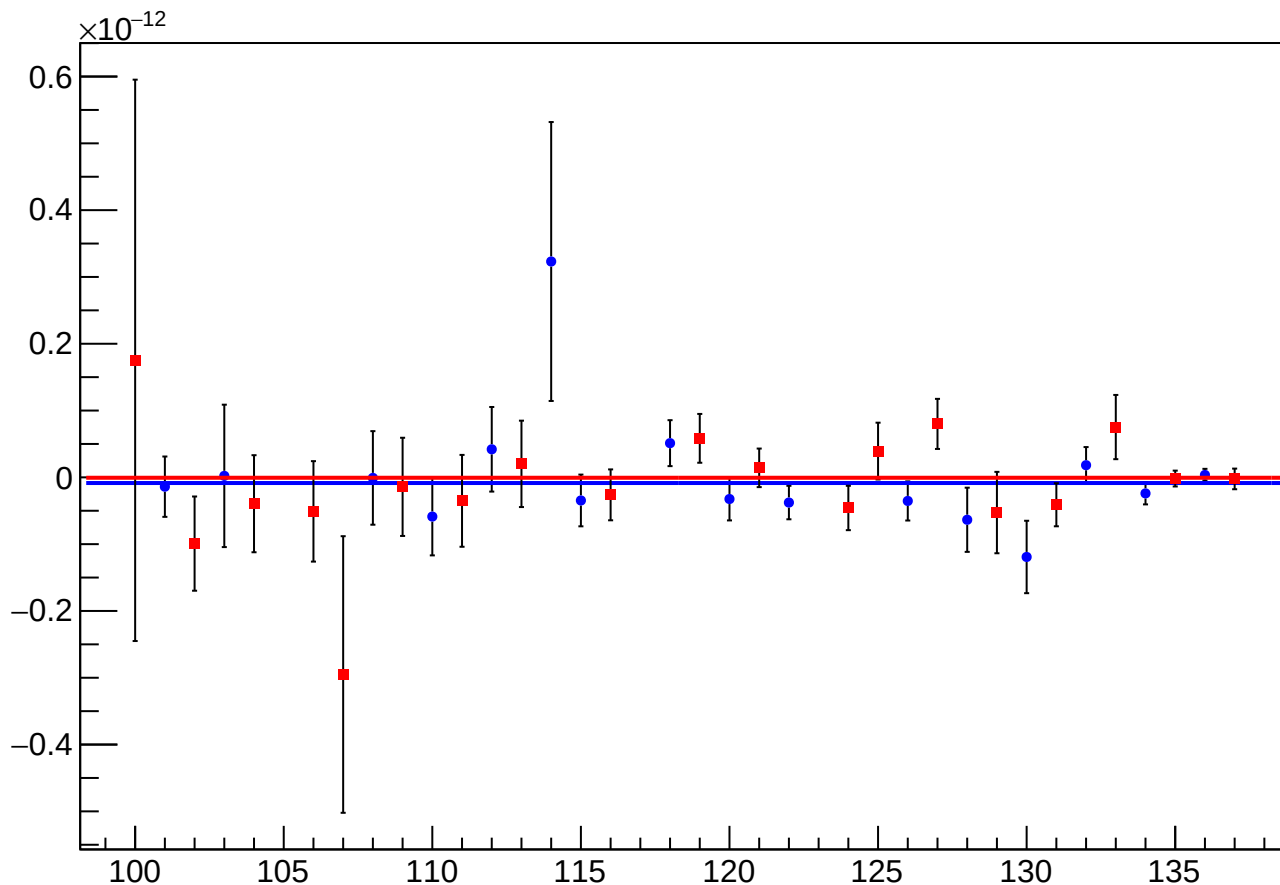
Right: 33.573+/-0.007 χ^2/NDF : 3796667.3/34

In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.573+/-0.007 χ^2/NDF : 3796667.3/34

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

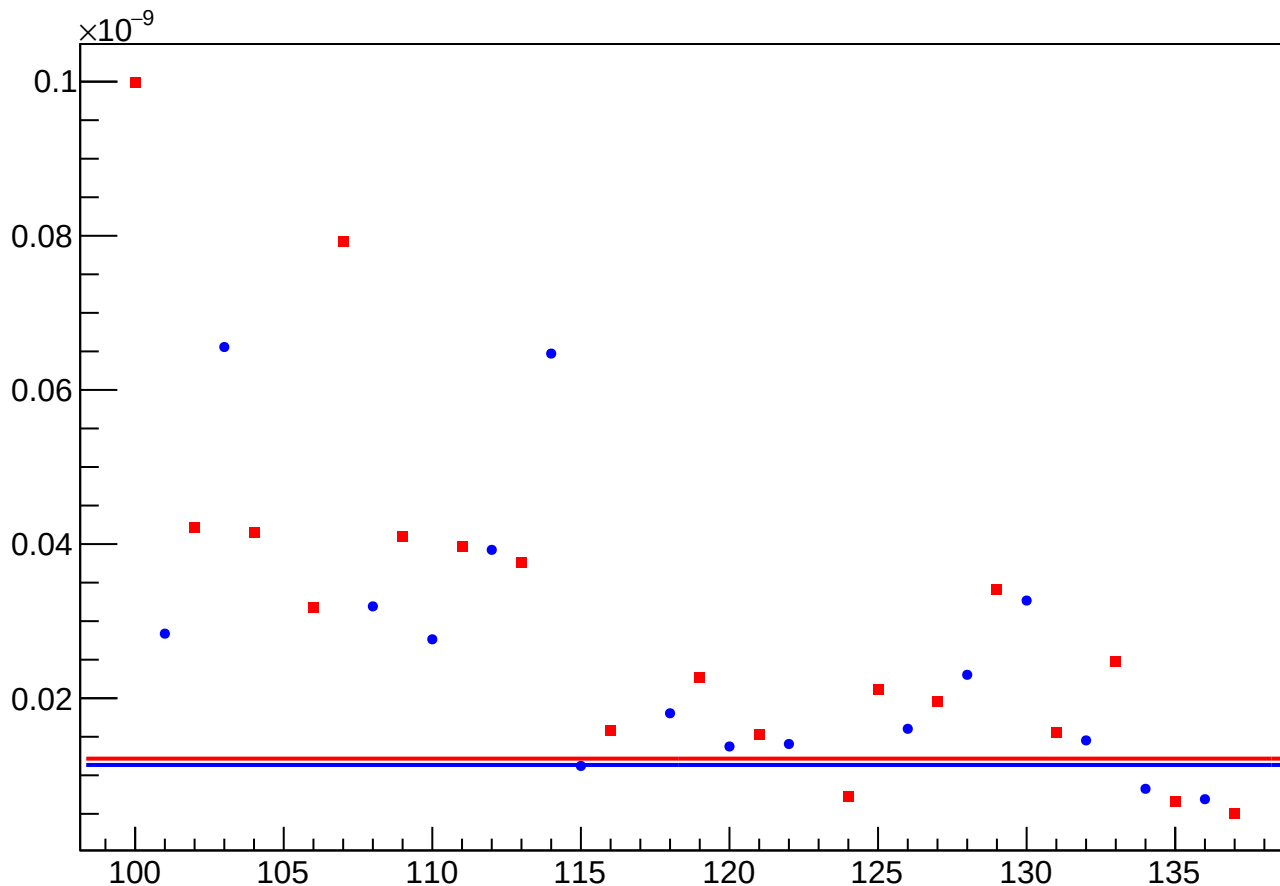
Right: -0.000+/-0.000 χ^2/NDF : 40.7/34

In: -0.000+/-0.000 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.7/34

asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2813598.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3757412.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

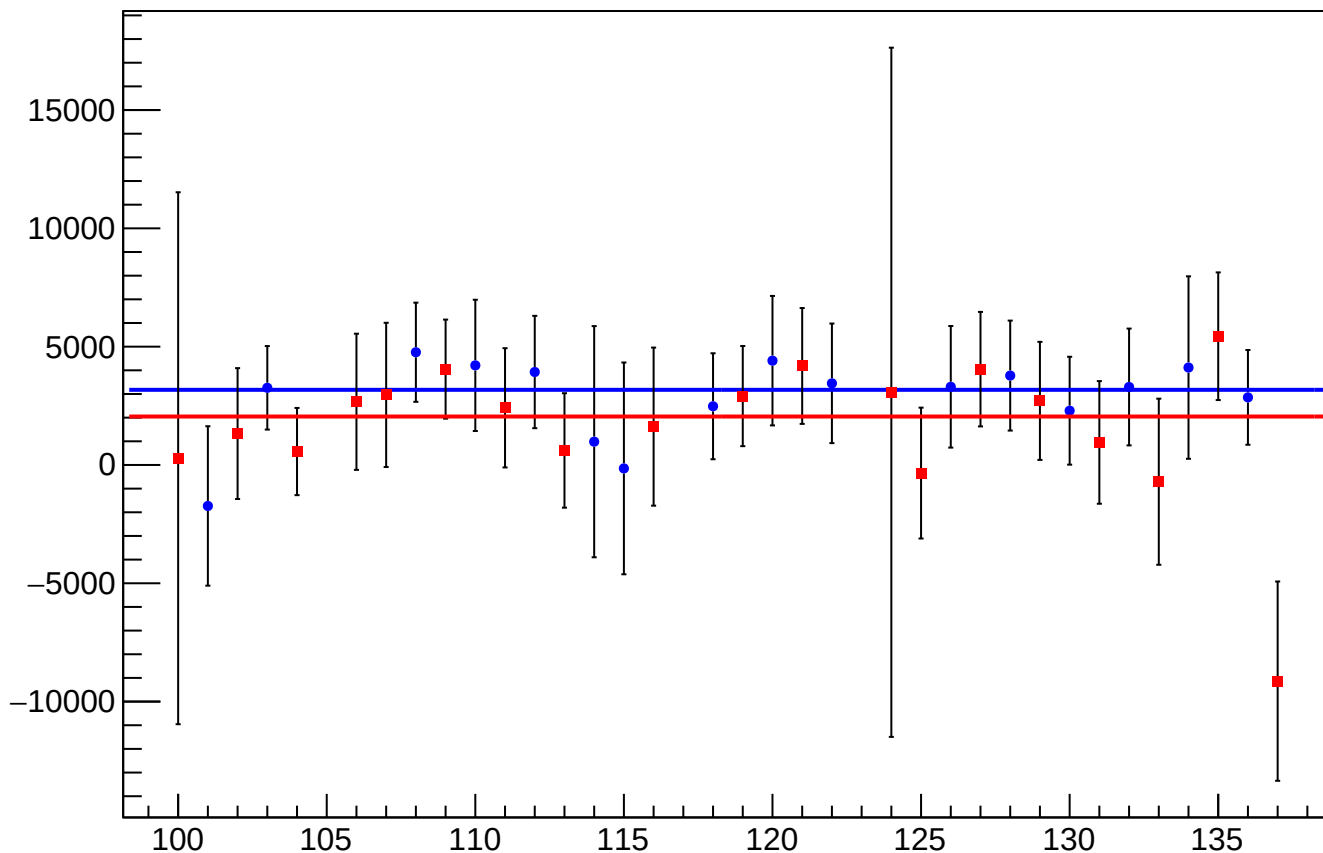
Right: 0.000+/-0.000 χ^2/NDF : 6585389.8/34

In: 0.000+/-0.000 χ^2/NDF : 2813598.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6585389.8/34

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3175.599 $\pm$ 627.992 χ^2 /NDF: 4.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2047.403 $\pm$ 621.498 χ^2 /NDF: 14.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

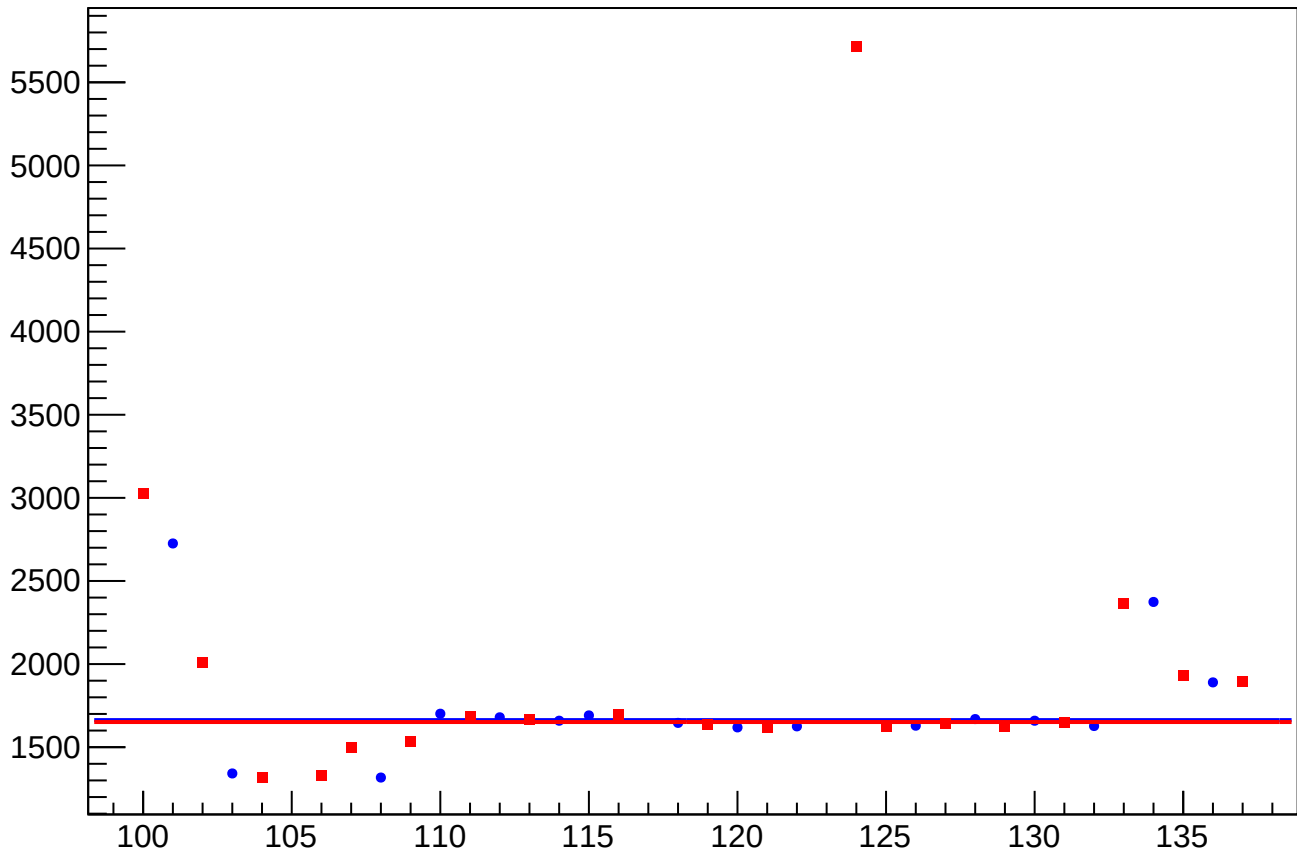
Right: 2605.638 $\pm$ 441.744 χ^2 /NDF: 20.0/34

In: 3175.599 $\pm$ 627.992 χ^2 /NDF:4.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2605.638 $\pm$ 441.744 χ^2 /NDF: 20.0/34

reg_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1662.901+/-0.444 χ^2/NDF : 415630.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.322+/-0.439 χ^2/NDF : 431965.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

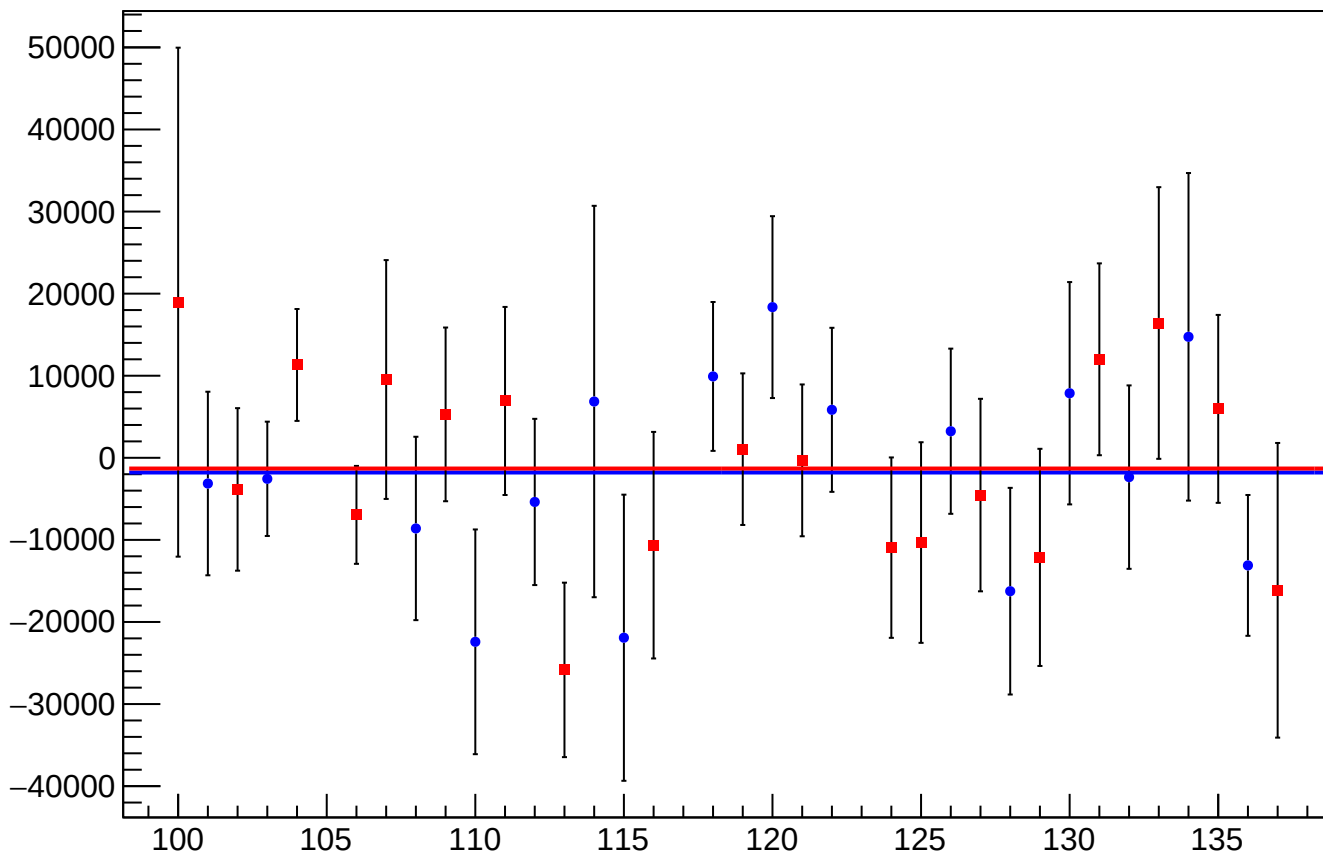
Right: 1657.052+/-0.312 χ^2/NDF : 847939.4/34

In: 1662.901+/-0.444 χ^2/NDF : 415630.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.052+/-0.312 χ^2/NDF : 847939.4/34

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1791.030+/-2743.617 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1306.311+/-2430.063 χ^2/NDF : 17.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

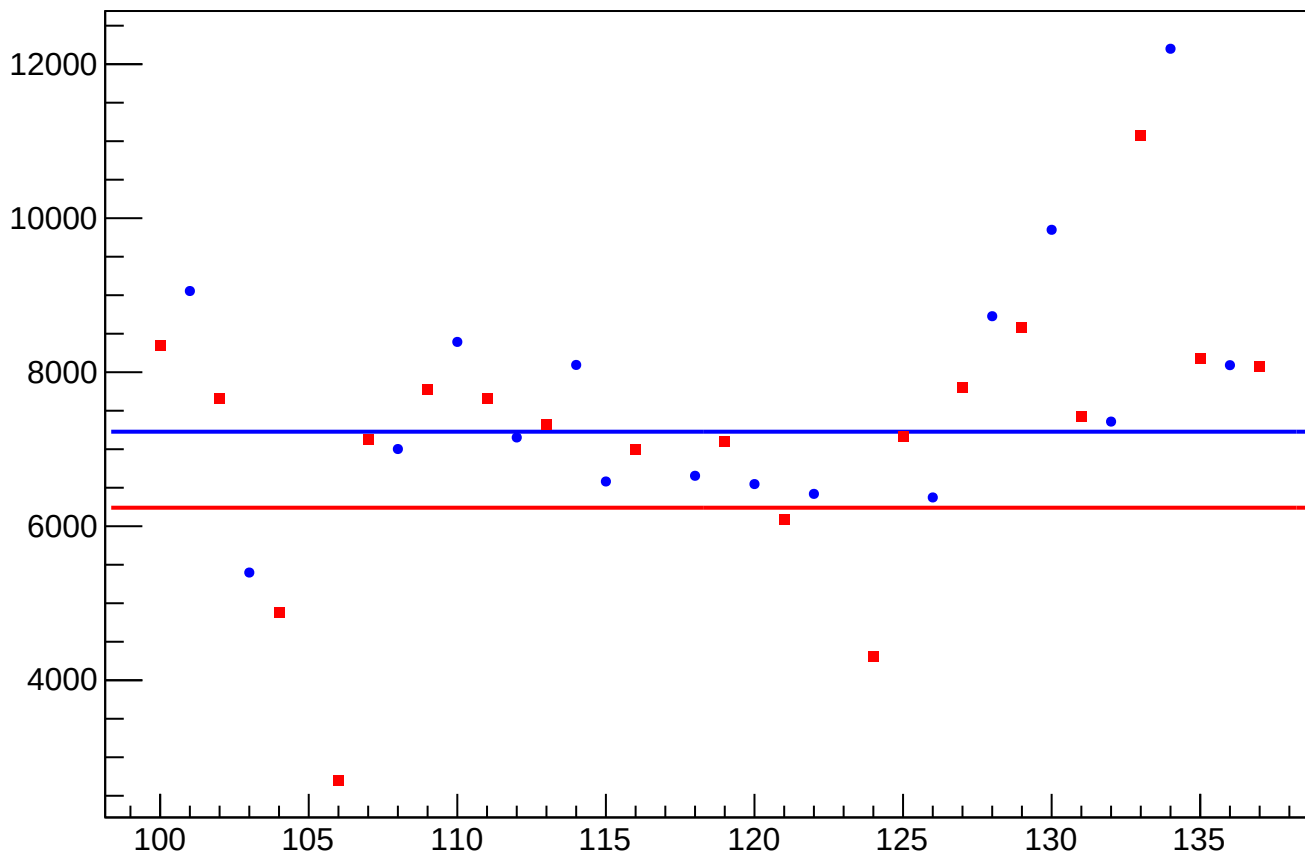
Right: -1519.402+/-1819.116 χ^2/NDF : 32.1/34

In: -1791.030+/-2743.617 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1519.402+/-1819.116 χ^2/NDF : 32.1/34

asym_at2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 7227.590+/-1.940 χ^2/NDF : 503260.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6240.557+/-1.718 χ^2/NDF : 1399077.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

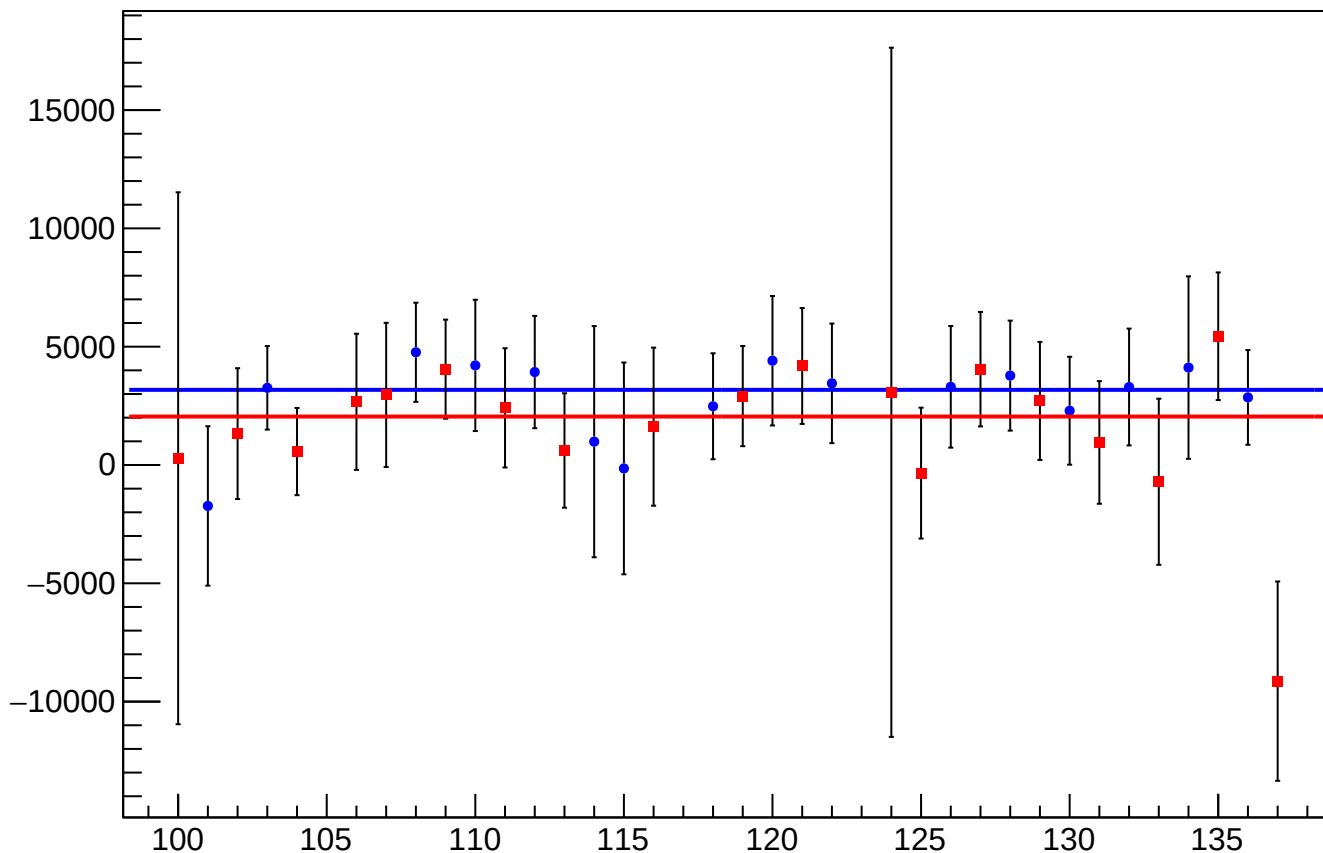
Right: 6674.473+/-1.286 χ^2/NDF : 2047393.1/34

In: 7227.590+/-1.940 χ^2/NDF : 503260.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6674.473+/-1.286 χ^2/NDF : 2047393.1/34

cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.209+/-621.498 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

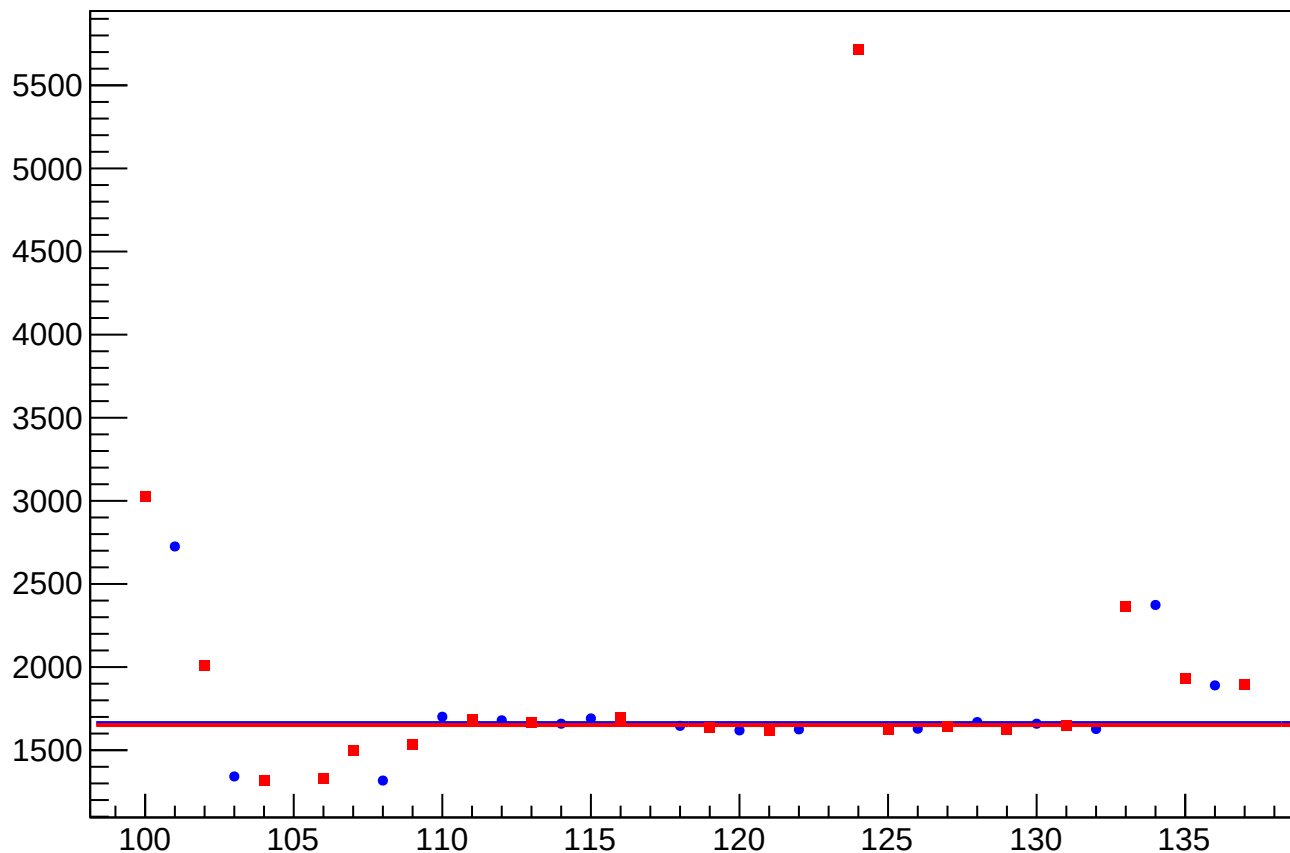
Right: 2605.584+/-441.744 χ^2/NDF : 20.0/34

In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2605.584+/-441.744 χ^2/NDF : 20.0/34

cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1662.901 $\pm$ 0.444 χ^2 /NDF: 415631.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1651.322 $\pm$ 0.439 χ^2 /NDF: 431965.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

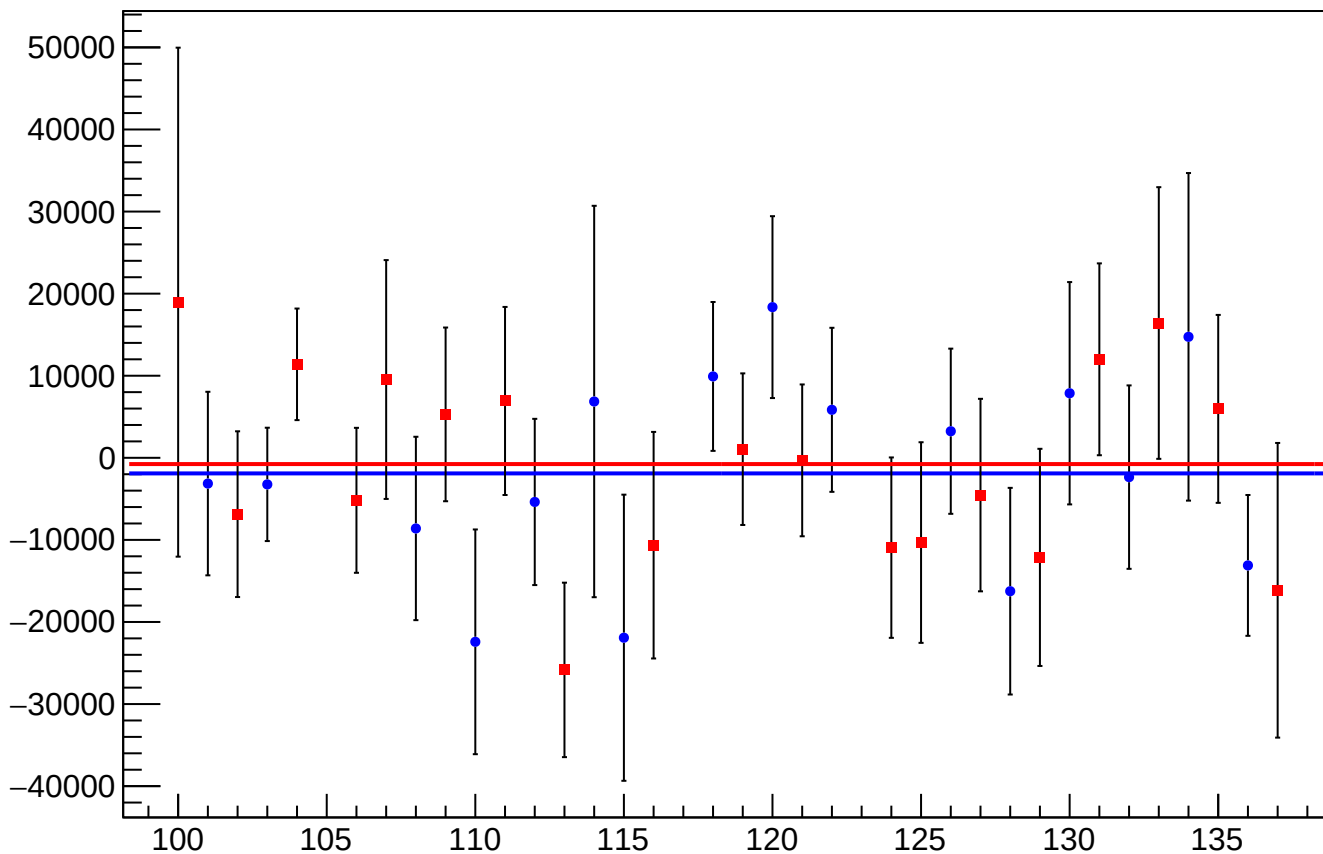
Right: 1657.051 $\pm$ 0.312 χ^2 /NDF: 847939.7/34

In: 1662.901 $\pm$ 0.444 χ^2 /NDF:415631.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1657.051 $\pm$ 0.312 χ^2 /NDF: 847939.7/34

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1900.125+/-2739.954 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -762.513+/-2549.943 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

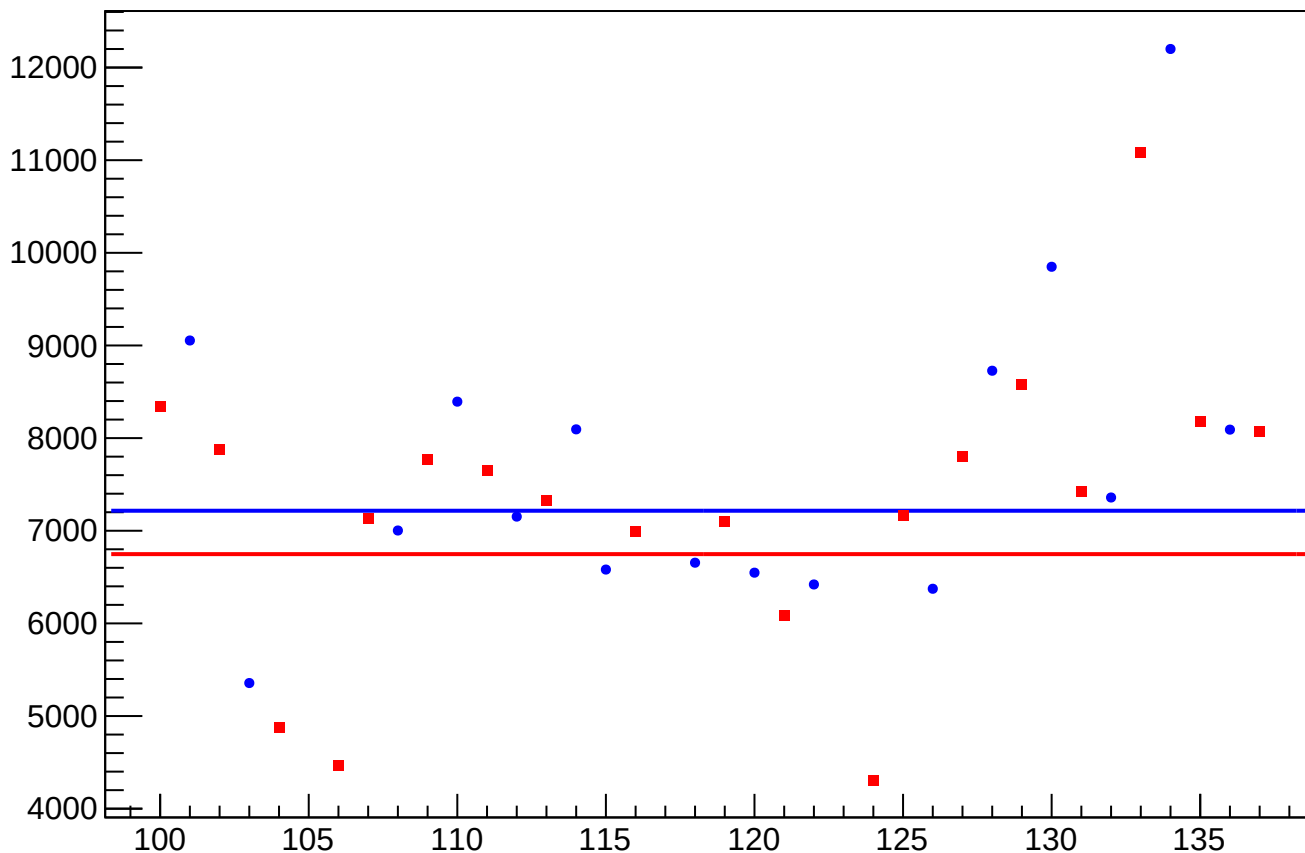
Right: -1290.509+/-1866.644 χ^2/NDF : 31.7/34

In: -1900.125+/-2739.954 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1290.509+/-1866.644 χ^2/NDF : 31.7/34

asym_at2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 7216.029+/-1.937 χ^2/NDF : 512126.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6747.736+/-1.803 χ^2/NDF : 708793.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

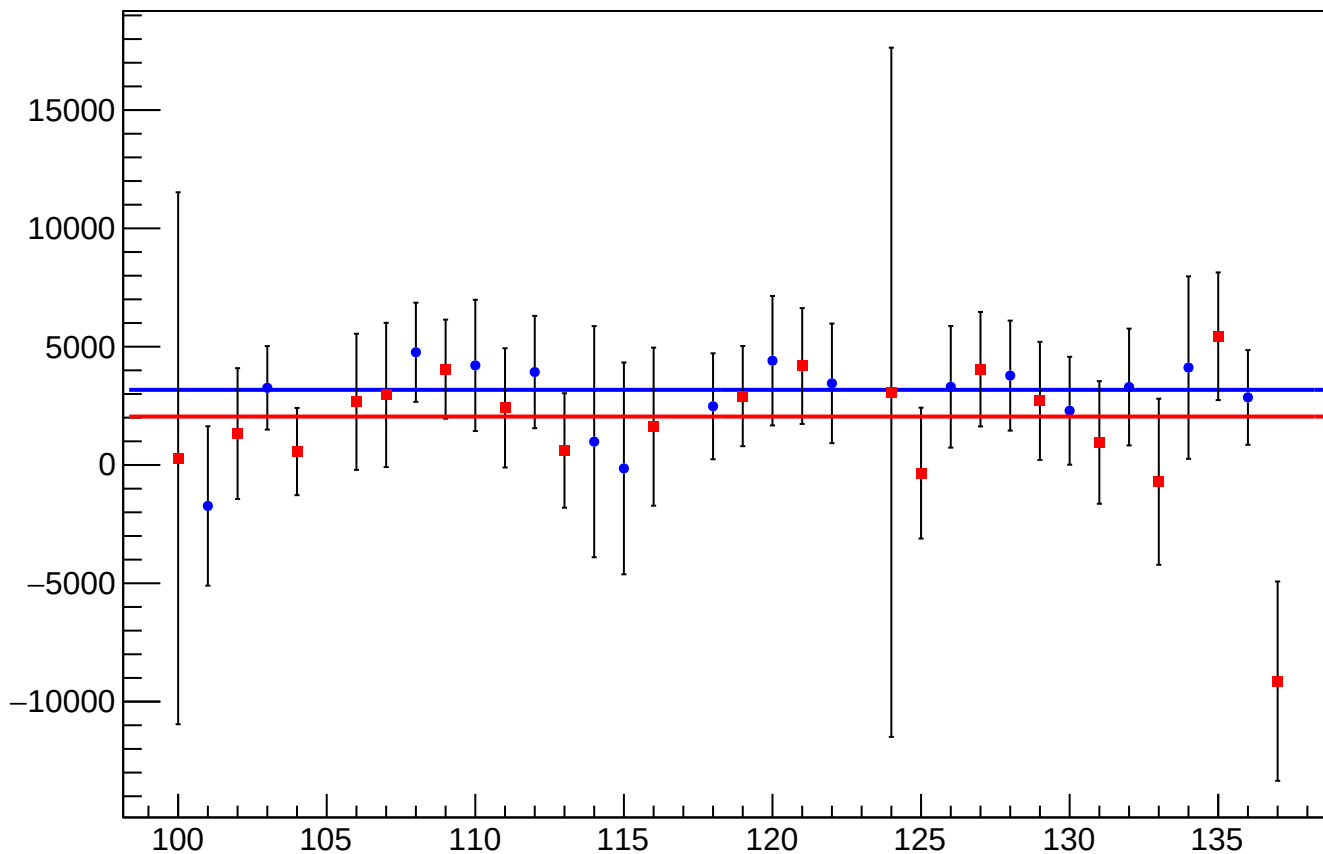
Right: 6965.084+/-1.320 χ^2/NDF : 1252226.6/34

In: 7216.029+/-1.937 χ^2/NDF : 512126.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6965.084+/-1.320 χ^2/NDF : 1252226.6/34

eigen_cor_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2047.209+/-621.498 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

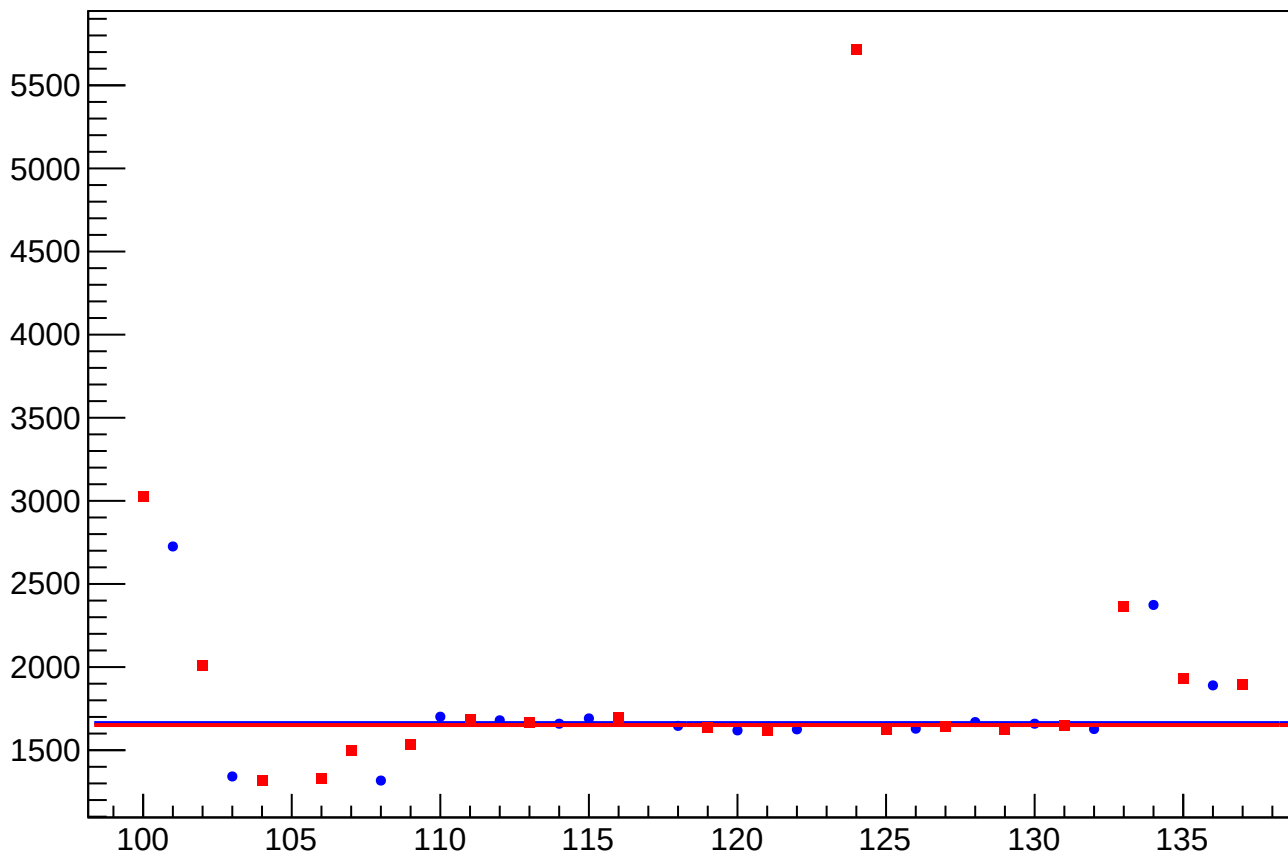
Right: 2605.584+/-441.744 χ^2/NDF : 20.0/34

In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2605.584+/-441.744 χ^2/NDF : 20.0/34

eigen_cor_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1662.901+/-0.444 χ^2/NDF : 415631.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1651.322+/-0.439 χ^2/NDF : 431965.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

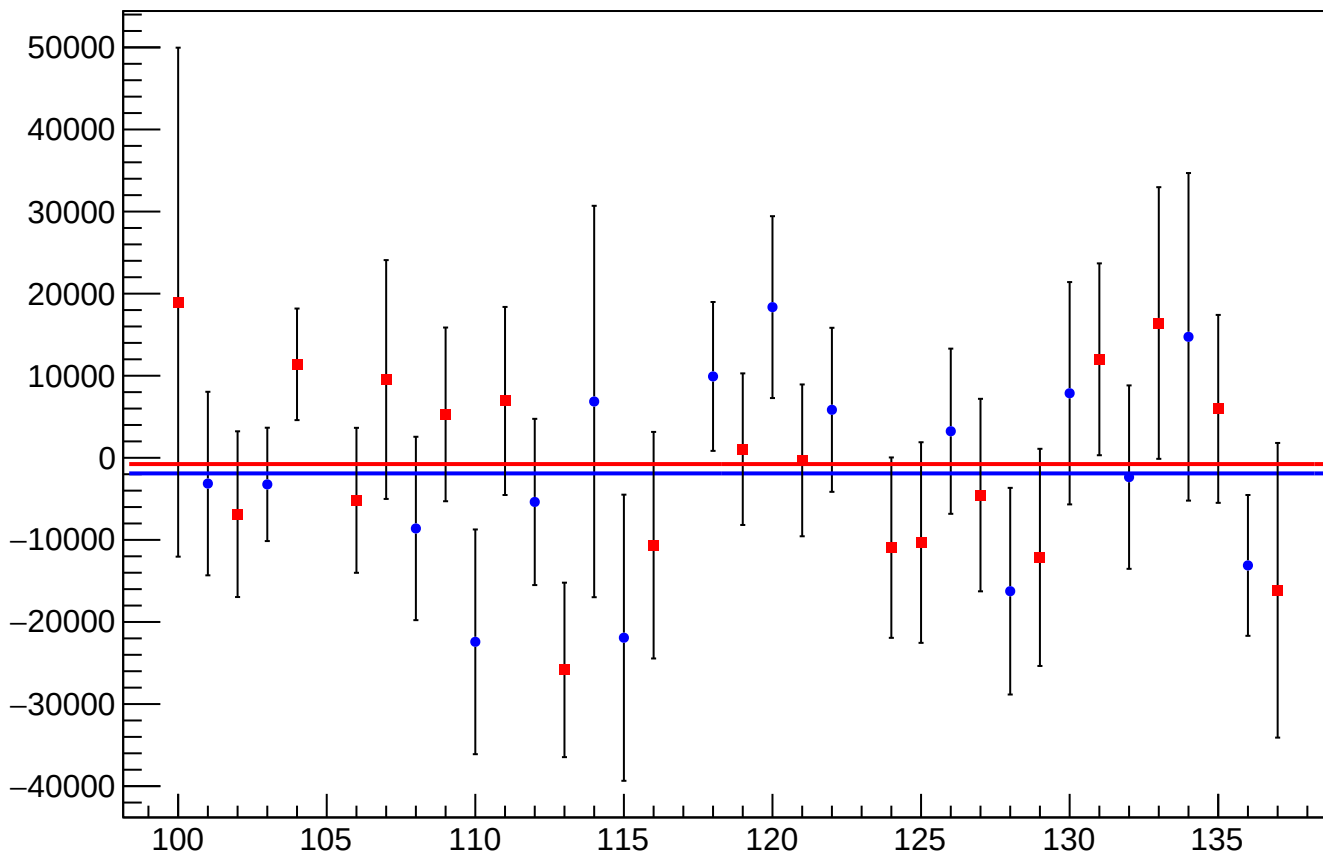
Right: 1657.051+/-0.312 χ^2/NDF : 847939.7/34

In: 1662.901+/-0.444 χ^2/NDF : 415631.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1657.051+/-0.312 χ^2/NDF : 847939.7/34

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1900.125+/-2739.954 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -762.513+/-2549.943 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

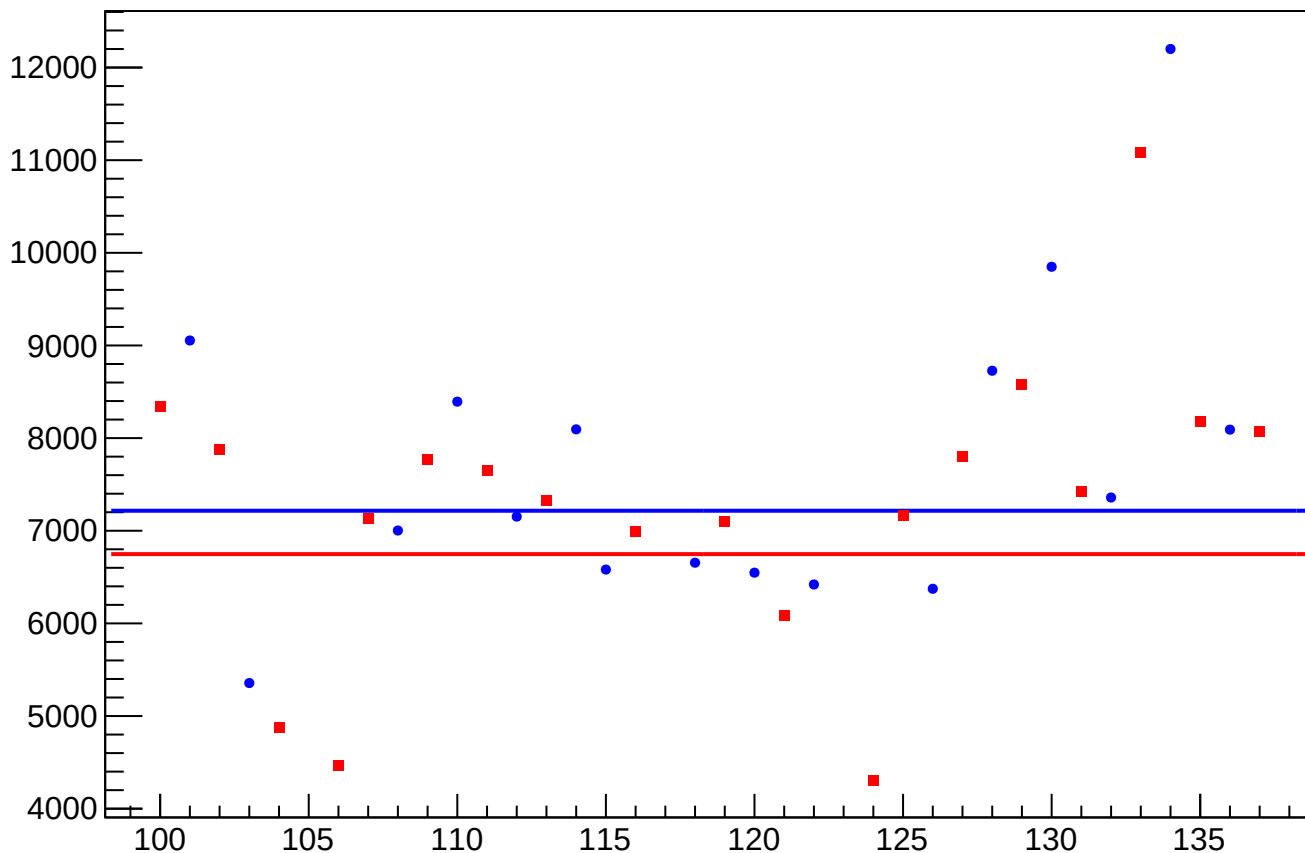
Right: -1290.509+/-1866.644 χ^2/NDF : 31.7/34

In: -1900.125+/-2739.954 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1290.509+/-1866.644 χ^2/NDF : 31.7/34

asym_at2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 7216.029+/-1.937 χ^2/NDF : 512126.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 6747.736+/-1.803 χ^2/NDF : 708793.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

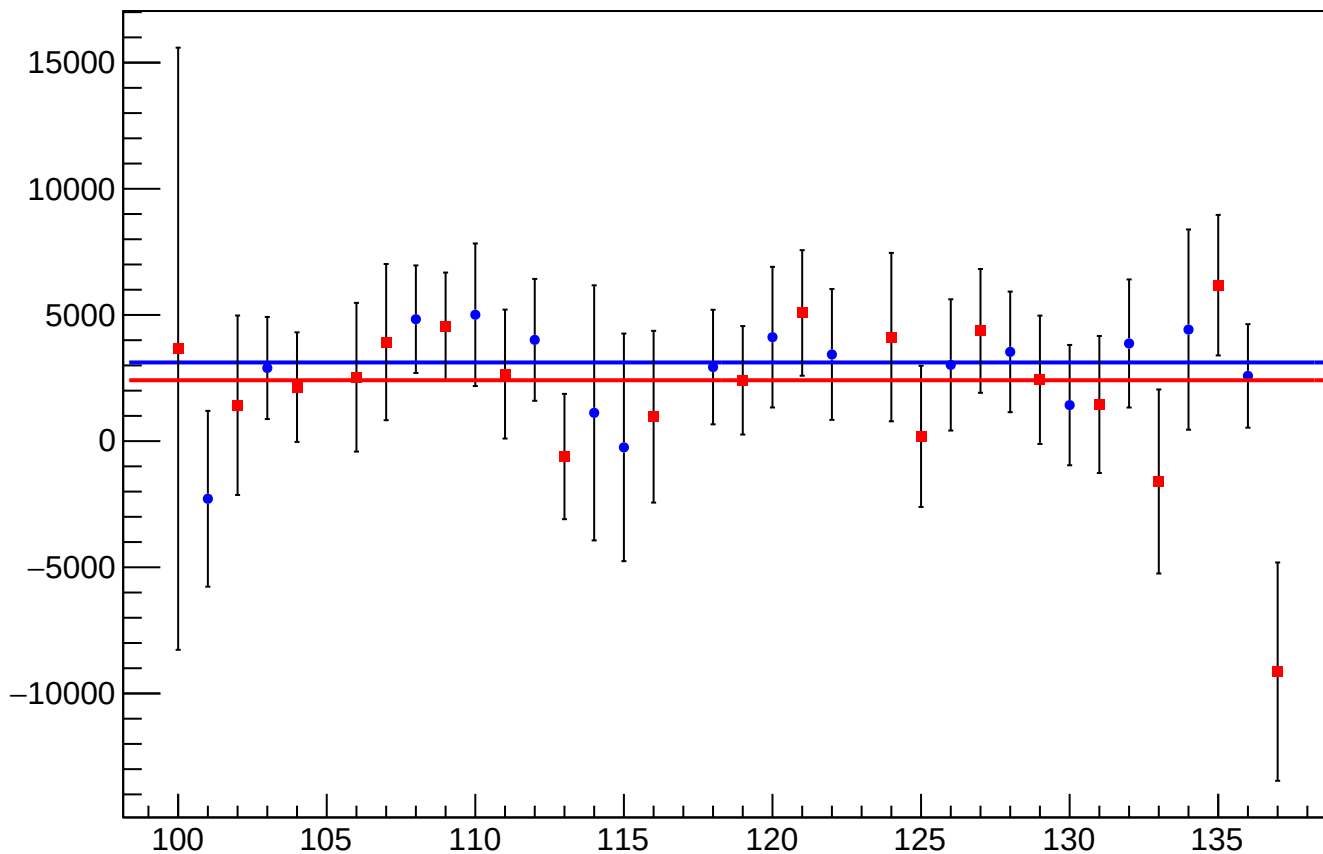
Right: 6965.084+/-1.320 χ^2/NDF : 1252226.6/34

In: 7216.029+/-1.937 χ^2/NDF :512126.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6965.084+/-1.320 χ^2/NDF : 1252226.6/34

dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3117.878+/-651.119 χ^2/NDF : 5.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2412.473+/-639.018 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

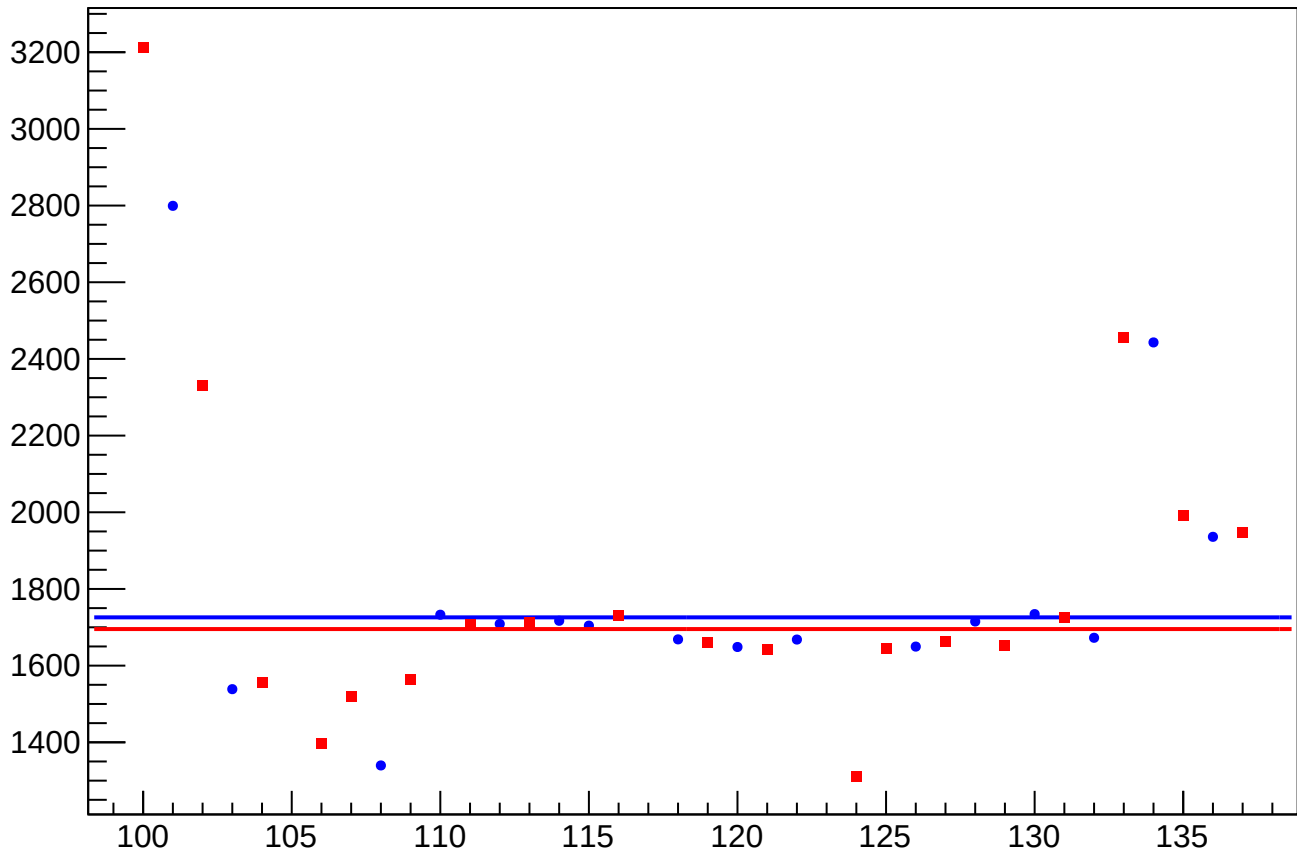
Right: 2758.560+/-456.072 χ^2/NDF : 21.9/34

In: 3117.878+/-651.119 χ^2/NDF : 5.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2758.560+/-456.072 χ^2/NDF : 21.9/34

dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1725.911+/-0.460 χ^2/NDF : 365638.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.387+/-0.452 χ^2/NDF : 285622.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

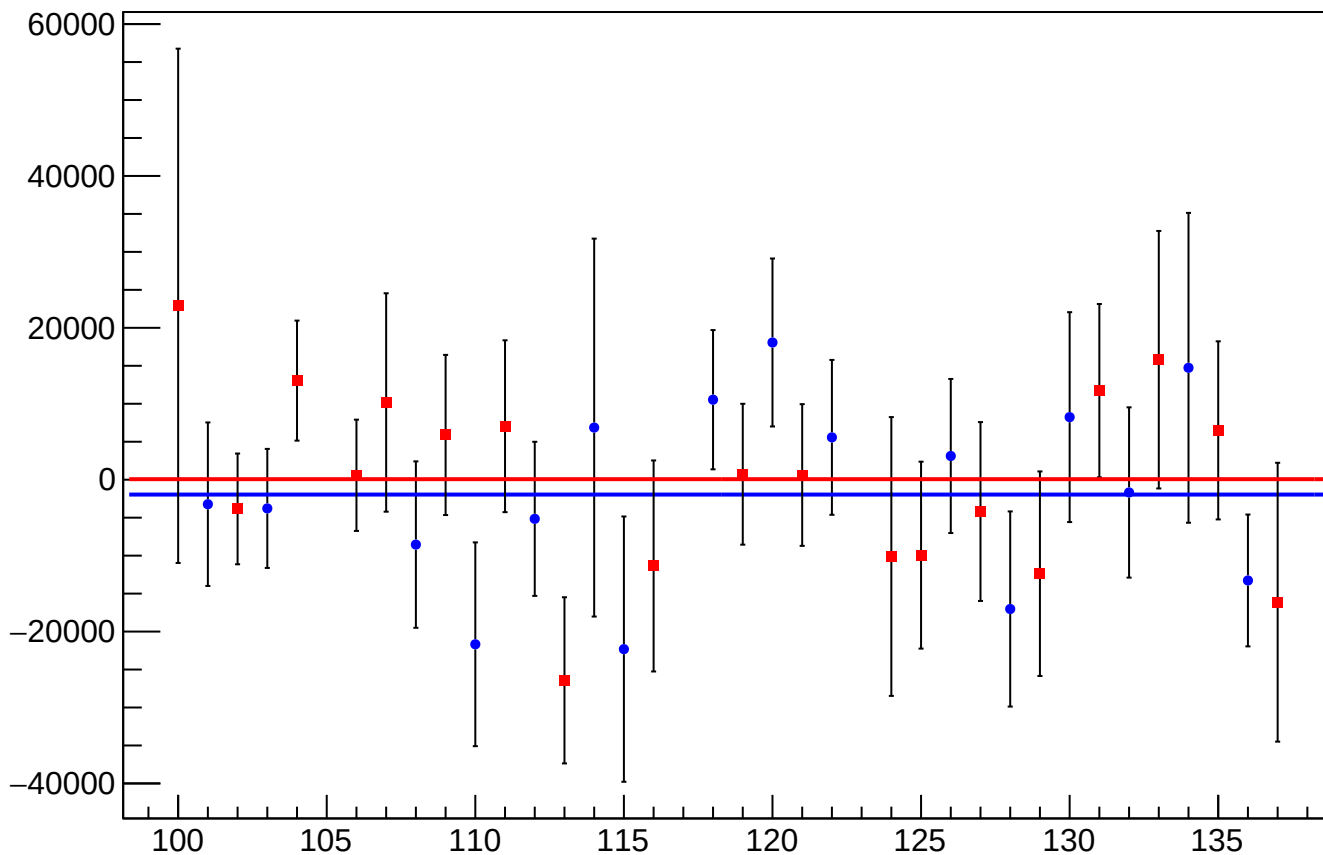
Right: 1710.357+/-0.322 χ^2/NDF : 653500.6/34

In: 1725.911+/-0.460 χ^2/NDF : 365638.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1710.357+/-0.322 χ^2/NDF : 653500.6/34

asym_at2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1958.559+/-2798.309 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.156+/-2529.527 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

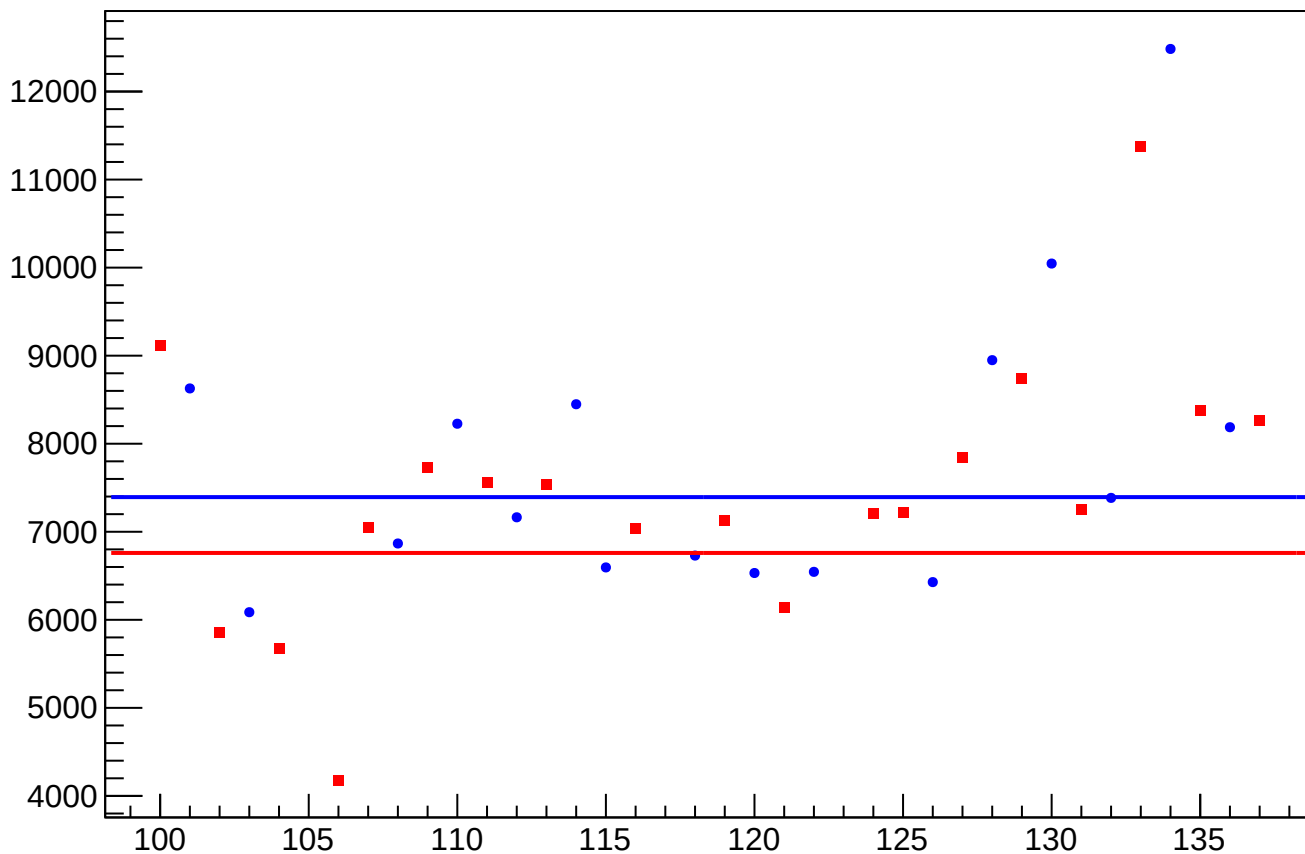
Right: -843.216+/-1876.494 χ^2/NDF : 30.8/34

In: -1958.559+/-2798.309 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.216+/-1876.494 χ^2/NDF : 30.8/34

asym_at2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 7393.622+/-1.979 χ^2/NDF : 401826.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6759.428+/-1.789 χ^2/NDF : 644290.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

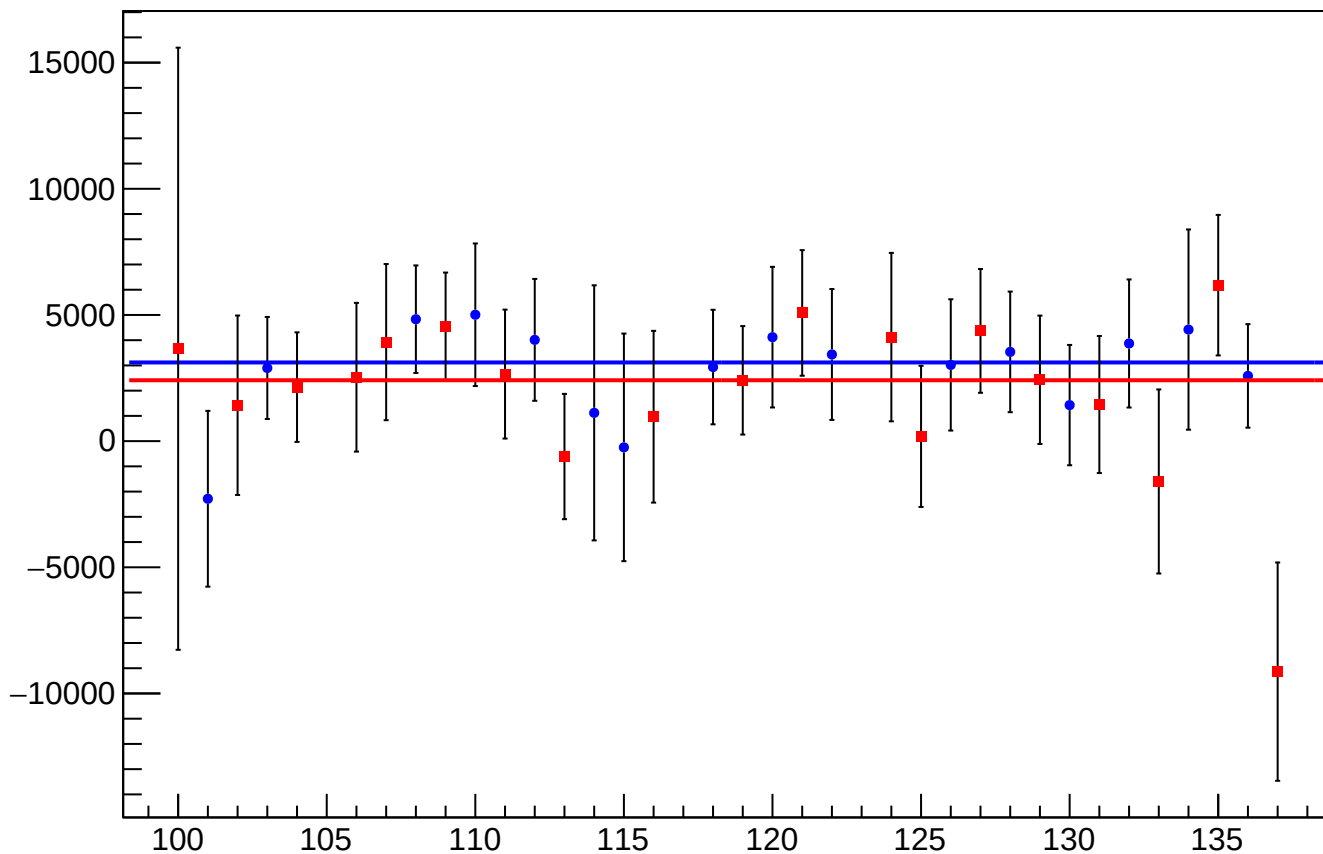
Right: 7044.612+/-1.327 χ^2/NDF : 1102650.4/34

In: 7393.622+/-1.979 χ^2/NDF : 401826.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7044.612+/-1.327 χ^2/NDF : 1102650.4/34

eigen_dit_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3117.882 $\pm$ 651.118 χ^2 /NDF: 5.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2412.481 $\pm$ 639.018 χ^2 /NDF: 16.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

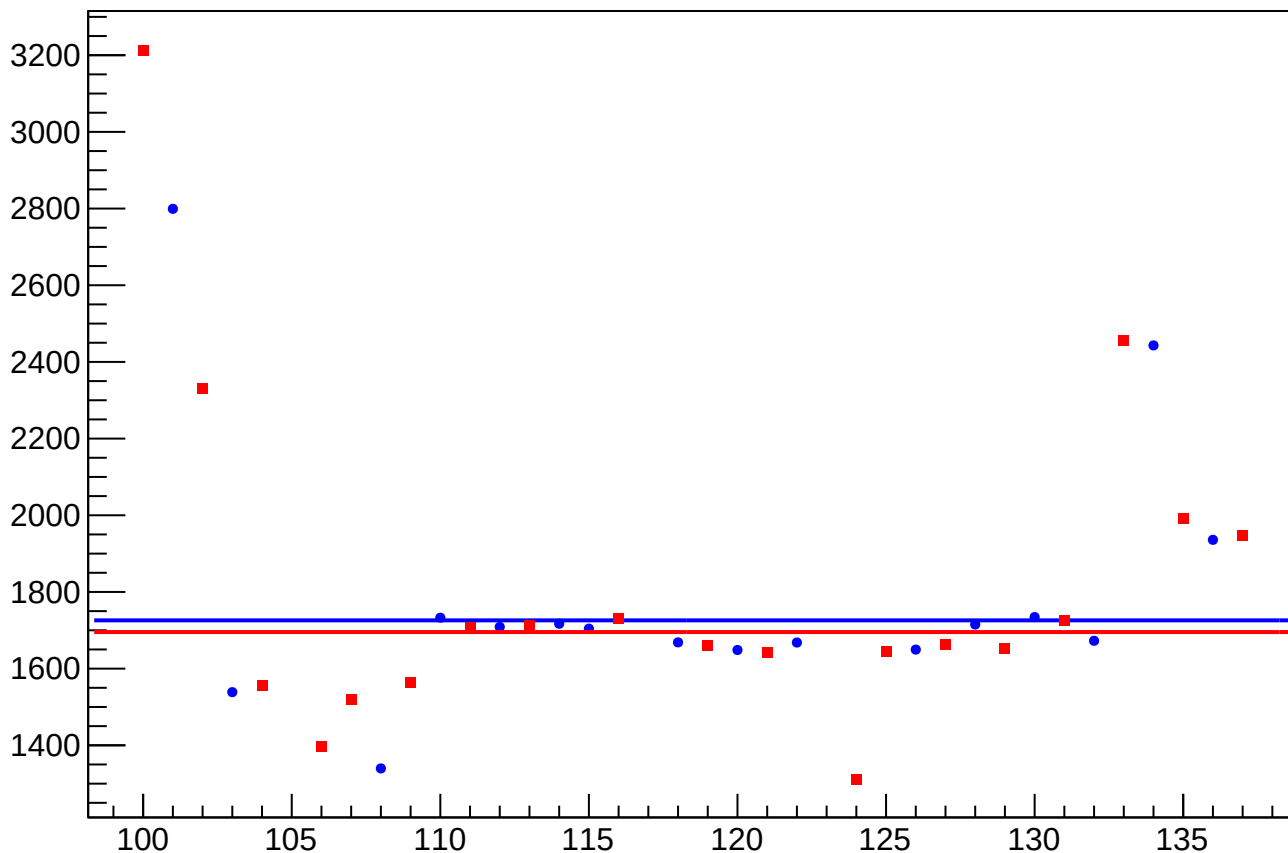
Right: 2758.566 $\pm$ 456.072 χ^2 /NDF: 21.9/34

In: 3117.882 $\pm$ 651.118 χ^2 /NDF:5.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2758.566 $\pm$ 456.072 χ^2 /NDF: 21.9/34

eigen_dit_asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 1725.910+/-0.460 χ^2/NDF : 365639.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1695.387+/-0.452 χ^2/NDF : 285622.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

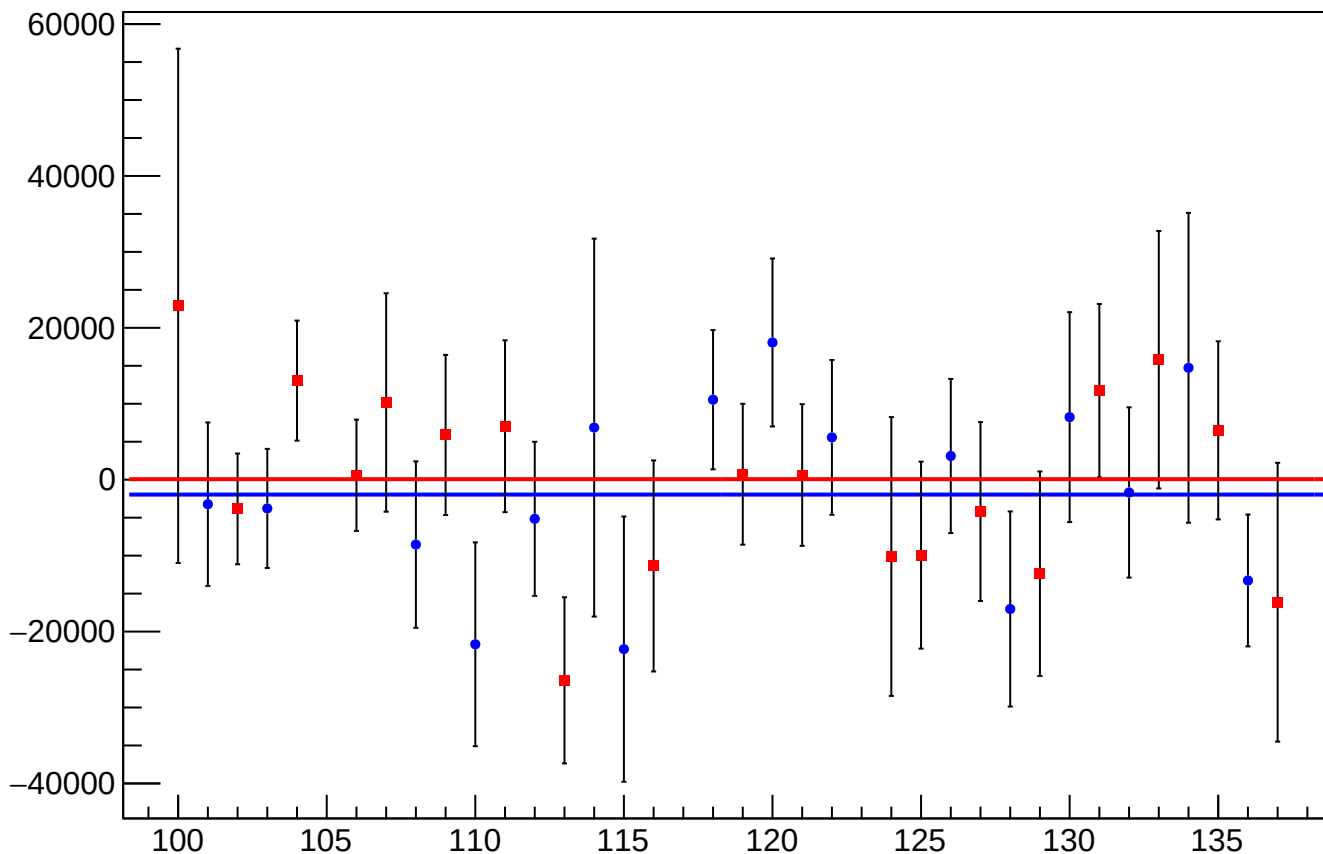
Right: 1710.357+/-0.322 χ^2/NDF : 653500.9/34

In: 1725.910+/-0.460 χ^2/NDF : 365639.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1710.357+/-0.322 χ^2/NDF : 653500.9/34

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1958.538+/-2798.302 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.163+/-2529.521 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

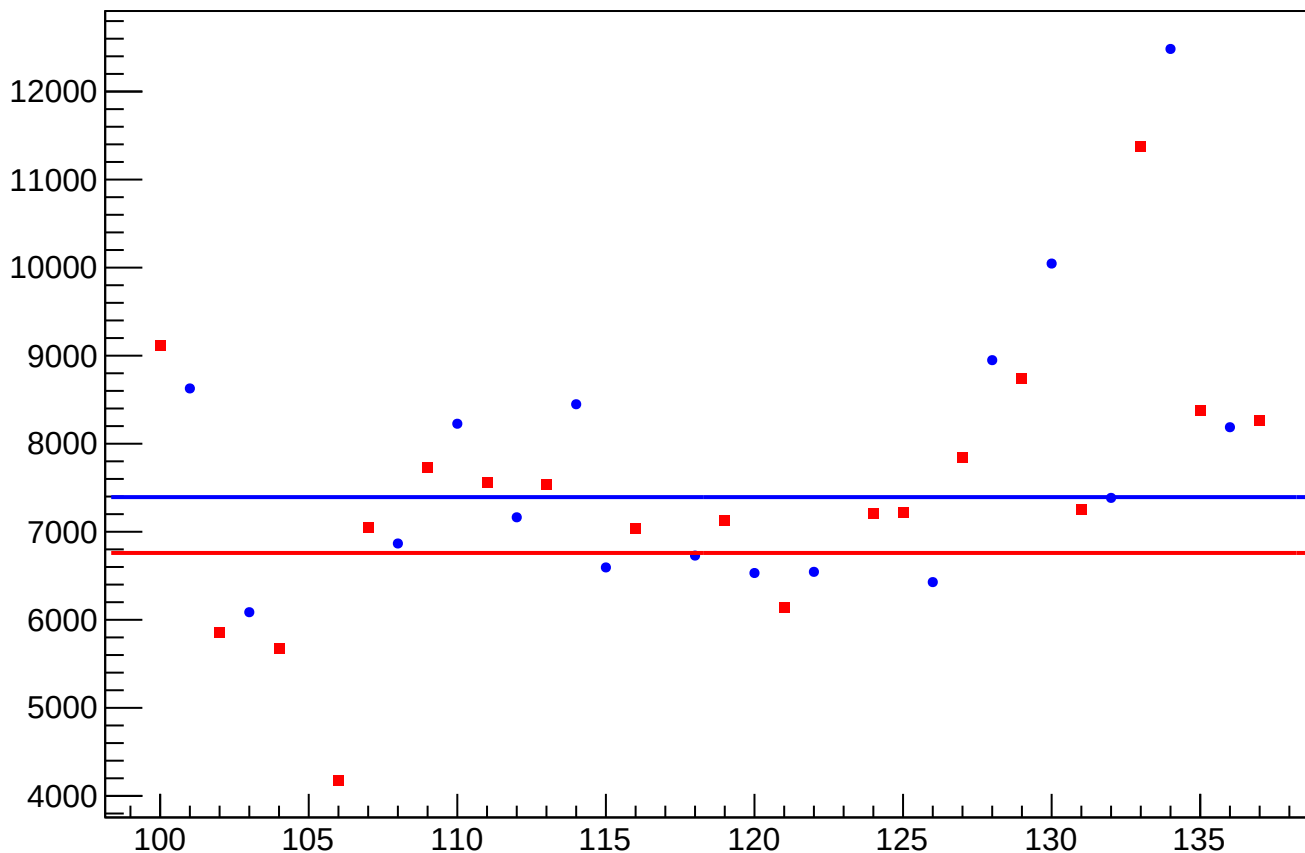
Right: -843.203+/-1876.490 χ^2/NDF : 30.8/34

In: -1958.538+/-2798.302 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -843.203+/-1876.490 χ^2/NDF : 30.8/34

asym_at2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 7393.605+/-1.979 χ^2/NDF : 401829.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6759.413+/-1.789 χ^2/NDF : 644289.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

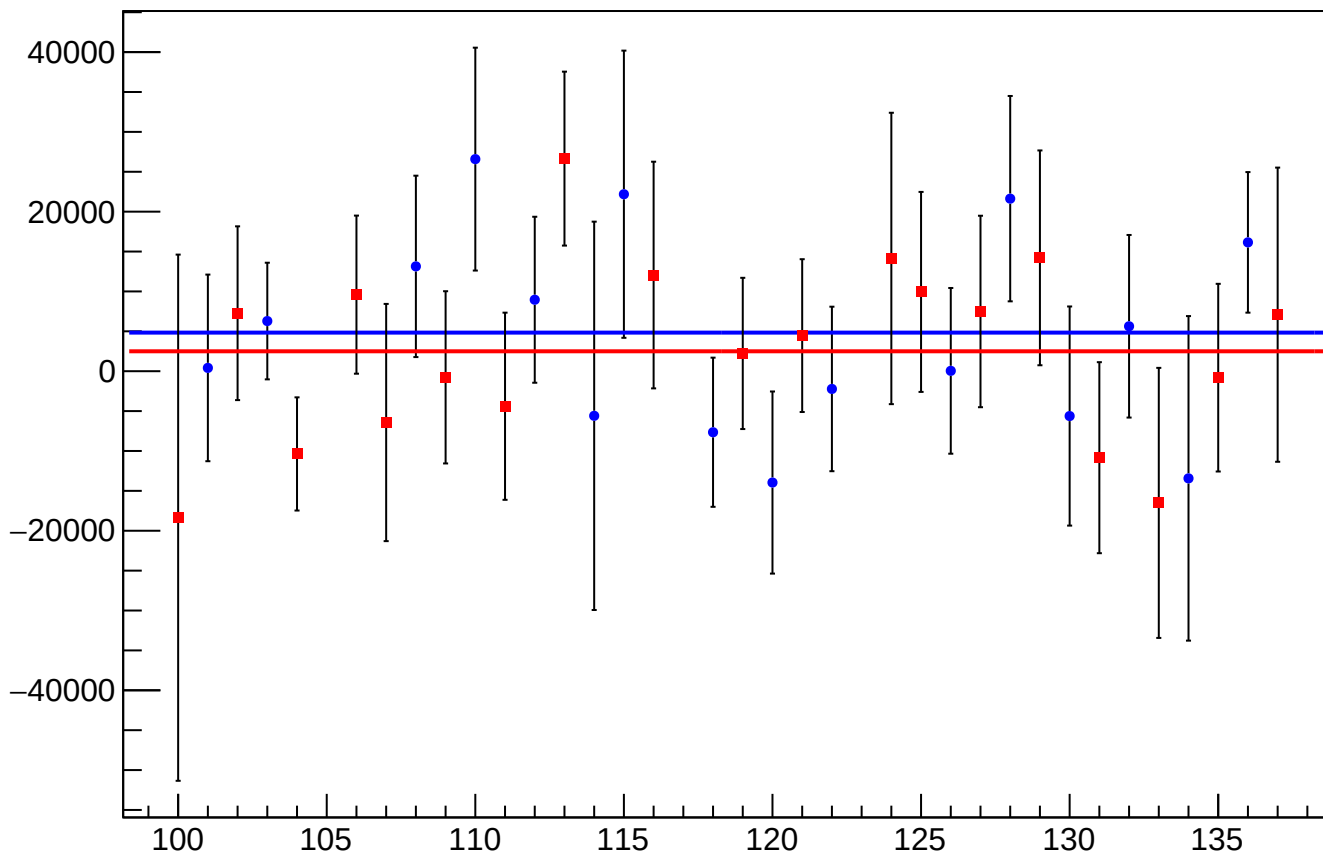
Right: 7044.596+/-1.327 χ^2/NDF : 1102651.2/34

In: 7393.605+/-1.979 χ^2/NDF : 401829.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7044.596+/-1.327 χ^2/NDF : 1102651.2/34

asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 4837.820+/-2828.918 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2495.844+/-2695.530 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

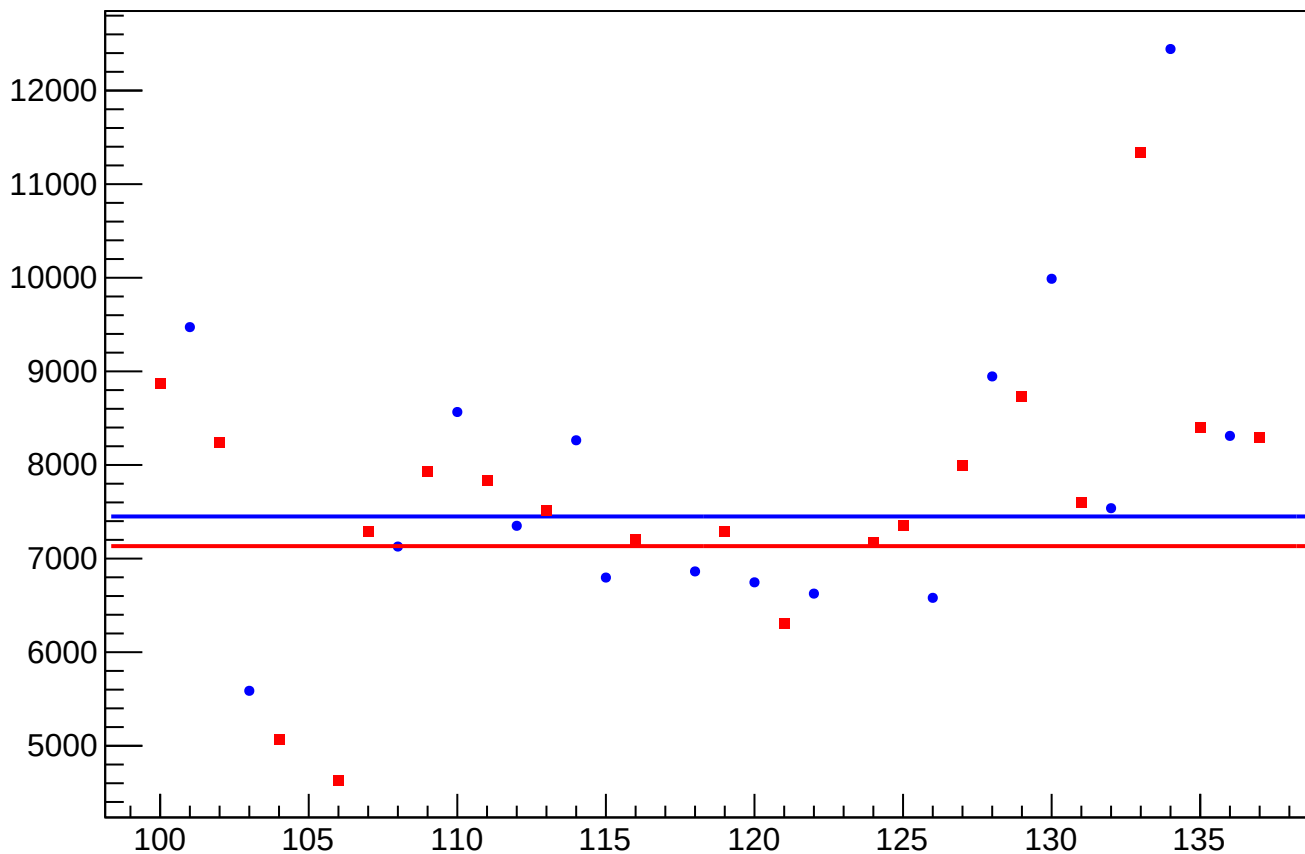
Right: 3610.318+/-1951.480 χ^2/NDF : 29.6/34

In: 4837.820+/-2828.918 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3610.318+/-1951.480 χ^2/NDF : 29.6/34

asym_at2_avg_rms vs Slug, Sign Corrected



Right In: 7449.985+/-2.000 χ^2/NDF : 486427.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7133.115+/-1.906 χ^2/NDF : 556993.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

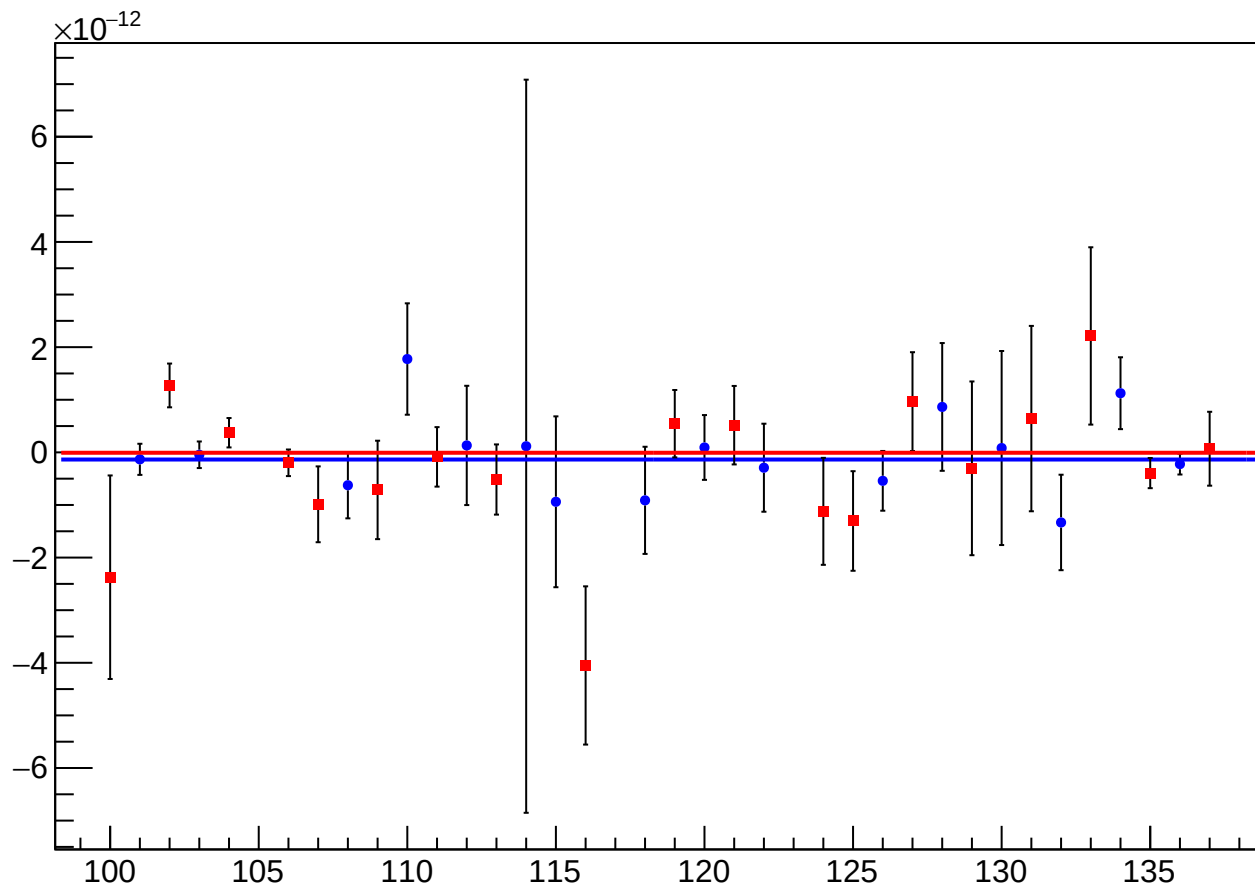
Right: 7283.894+/-1.380 χ^2/NDF : 1056573.7/34

In: 7449.985+/-2.000 χ^2/NDF : 486427.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7283.894+/-1.380 χ^2/NDF : 1056573.7/34

asym_at2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 32.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

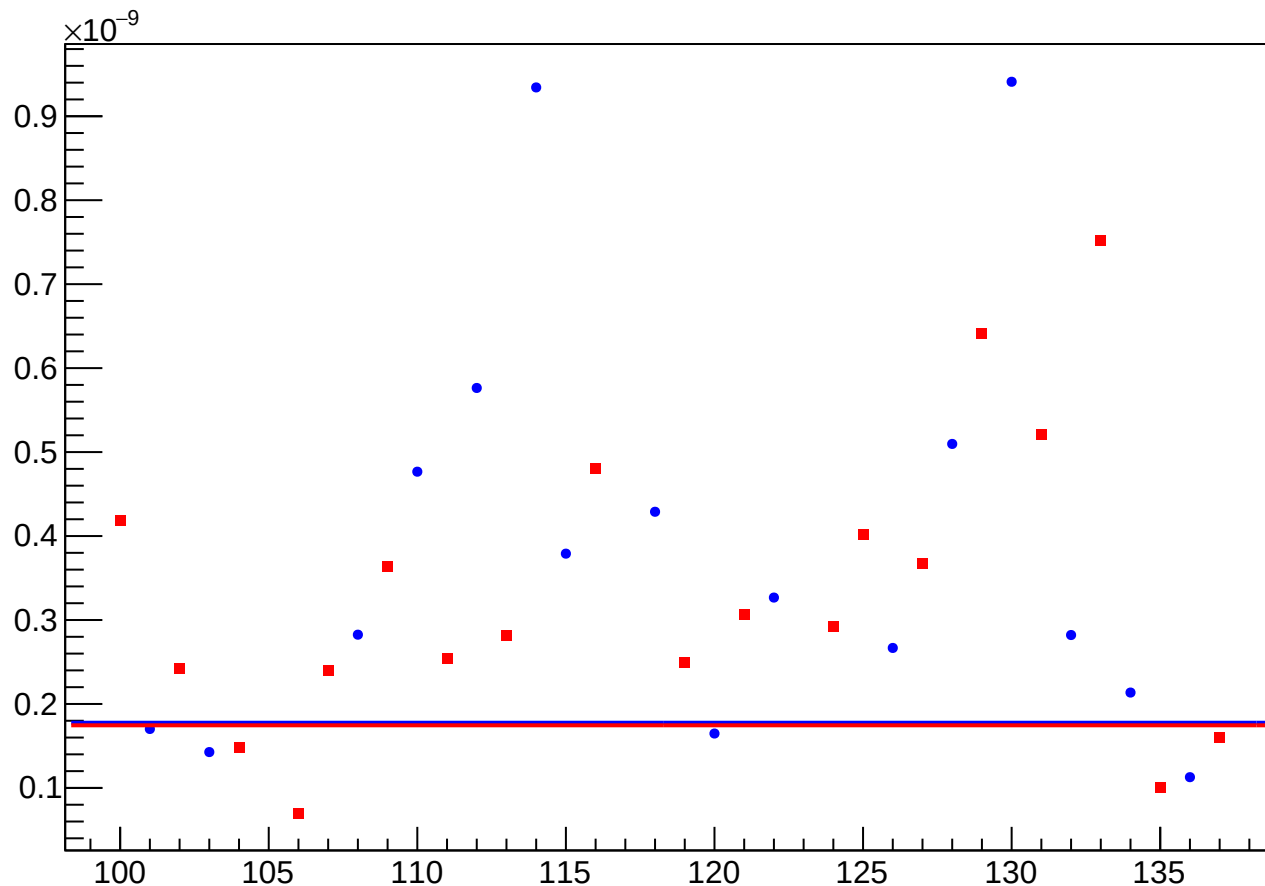
Right: -0.000+/-0.000 χ^2/NDF : 44.9/34

In: -0.000+/-0.000 χ^2/NDF : 11.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 44.9/34

asym_at2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1530066.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1641366.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

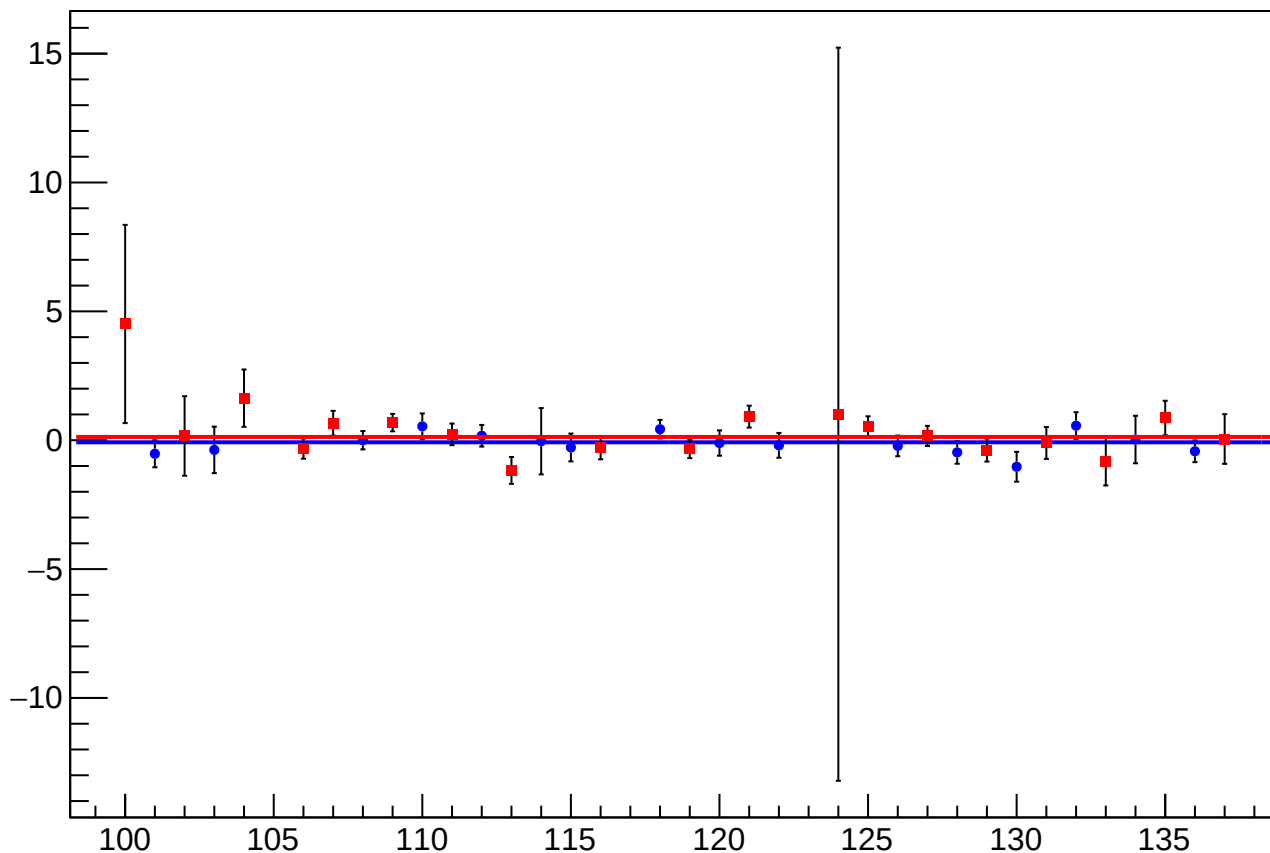
Right: 0.000+/-0.000 χ^2/NDF : 3172068.5/34

In: 0.000+/-0.000 χ^2/NDF : 1530066.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3172068.5/34

asym_at2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.117 χ^2/NDF : 25.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

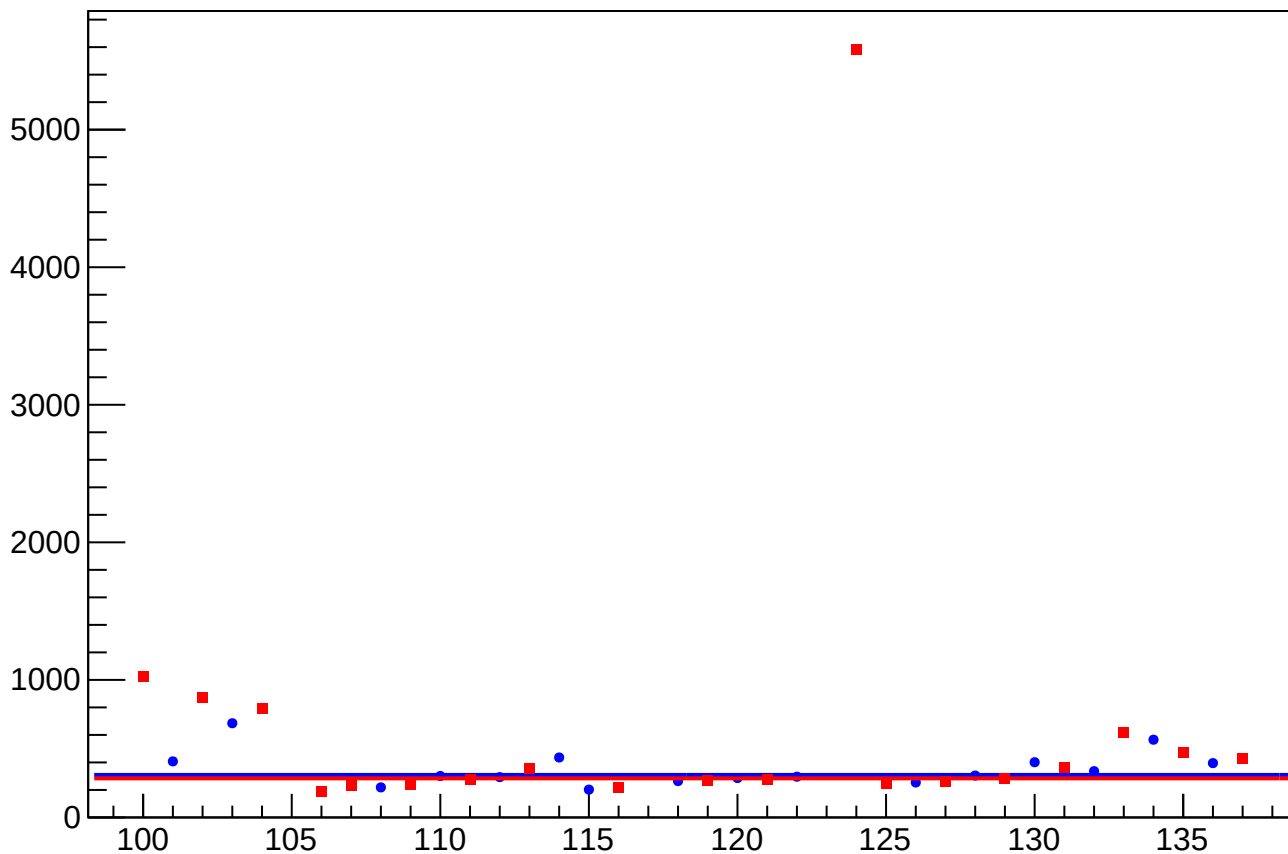
Right: 0.028 ± 0.084 χ^2/NDF : 37.5/34

In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.084 χ^2/NDF : 37.5/34

asym_at2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 309.093 $\pm$ 0.086 χ^2 /NDF: 1014604.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 284.189 $\pm$ 0.083 χ^2 /NDF: 1856451.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

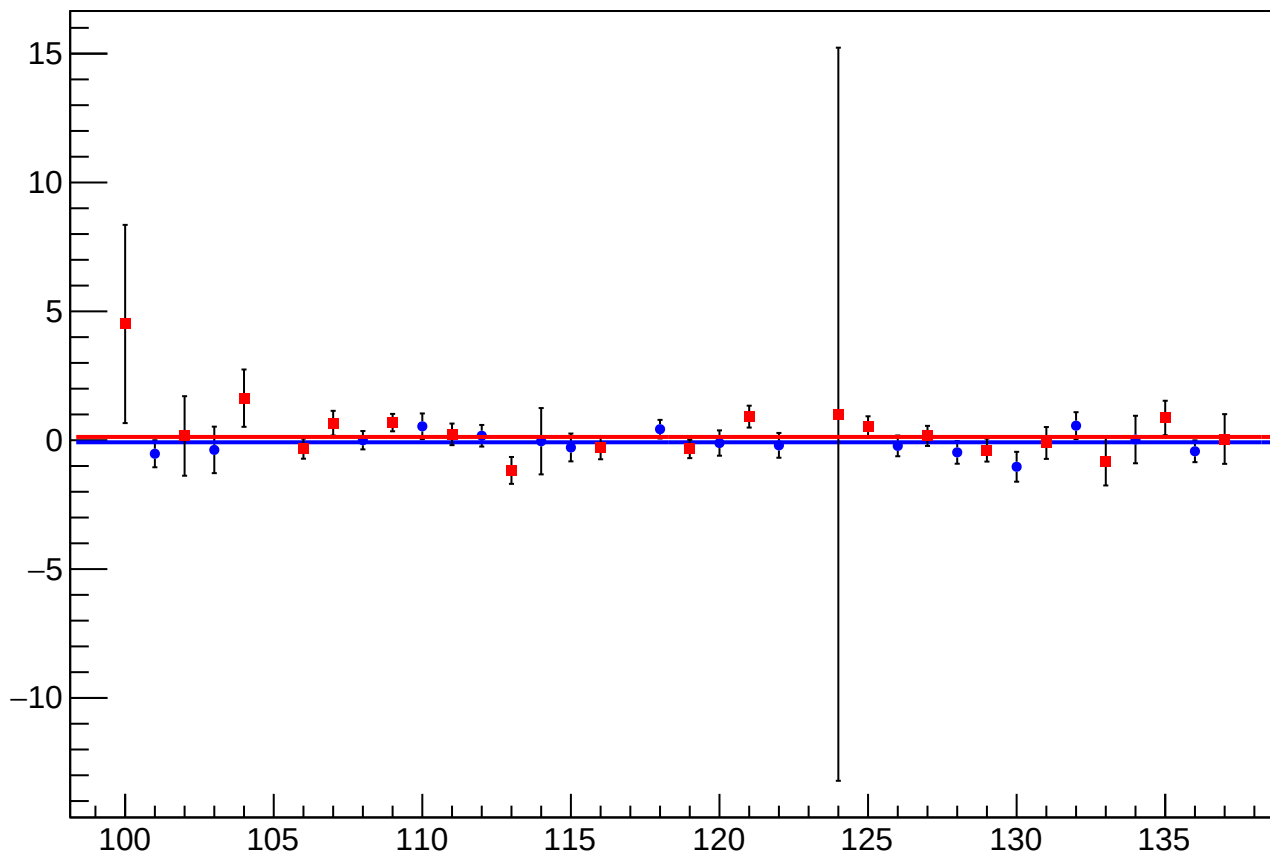
Right: 296.124 $\pm$ 0.060 χ^2 /NDF: 2914551.5/34

In: 309.093 $\pm$ 0.086 χ^2 /NDF:1014604.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 296.124 $\pm$ 0.060 χ^2 /NDF: 2914551.5/34

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.117 χ^2/NDF : 25.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

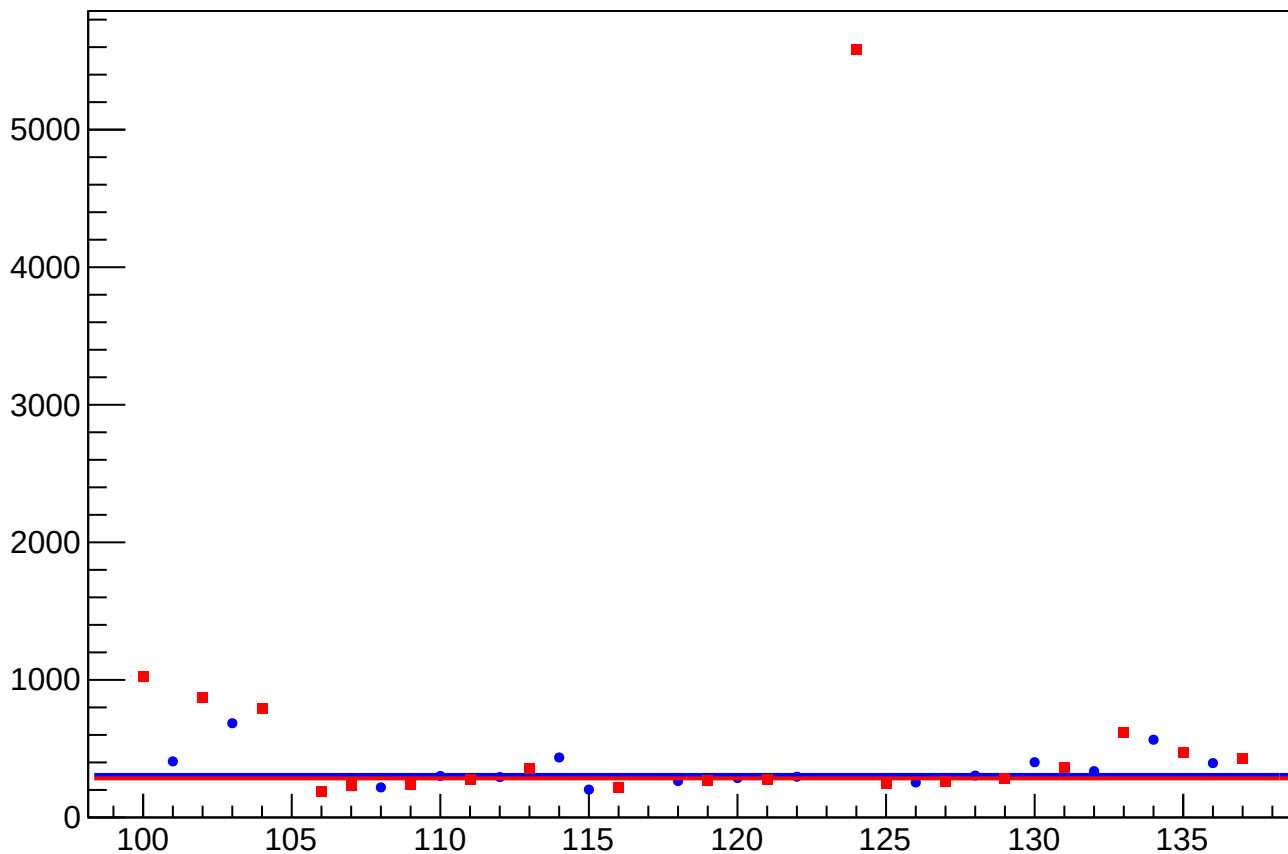
Right: 0.028 ± 0.084 χ^2/NDF : 37.5/34

In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.084 χ^2/NDF : 37.5/34

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 309.093+/-0.086 χ^2/NDF : 1014604.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.189+/-0.083 χ^2/NDF : 1856451.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

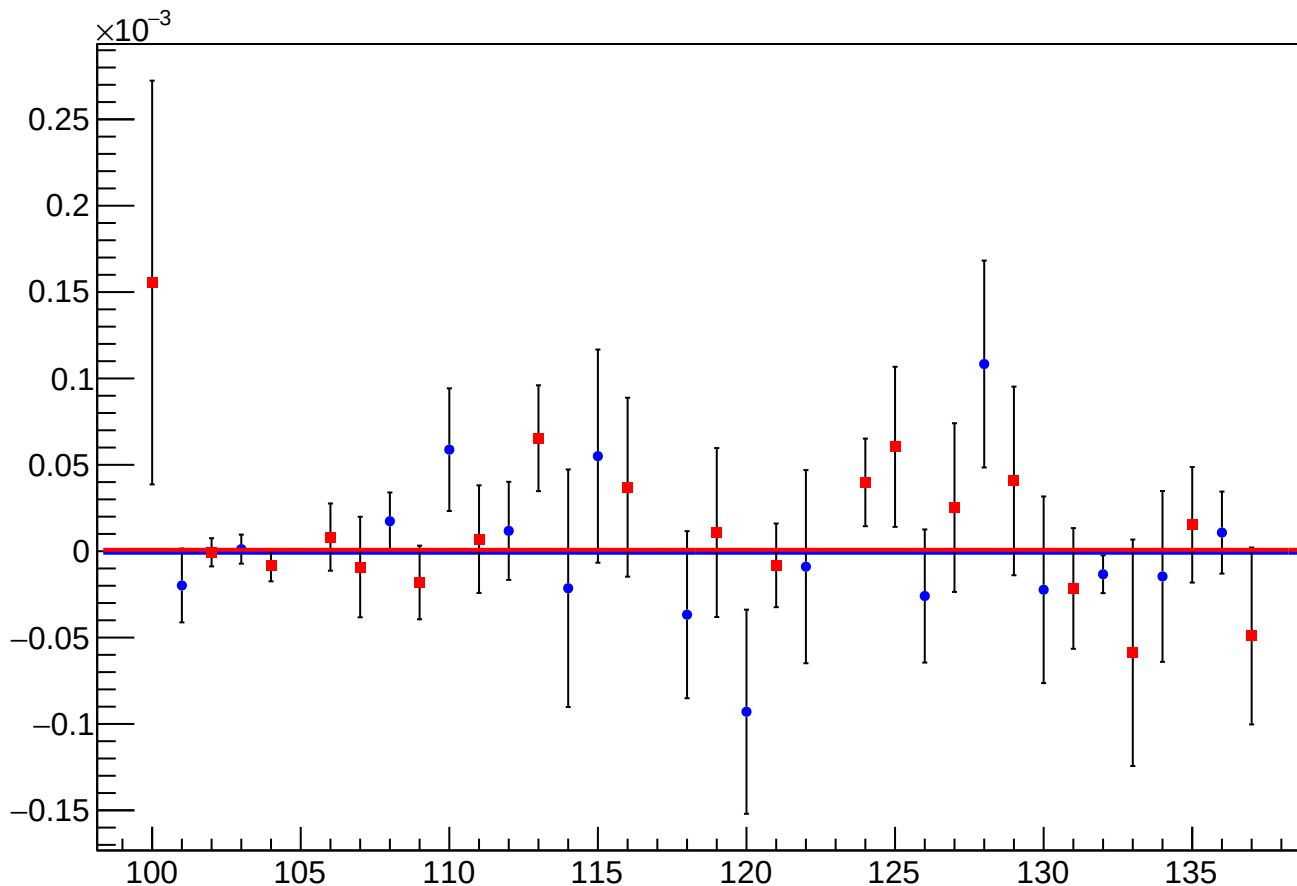
Right: 296.124+/-0.060 χ^2/NDF : 2914551.5/34

In: 309.093+/-0.086 χ^2/NDF : 1014604.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.124+/-0.060 χ^2/NDF : 2914551.5/34

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

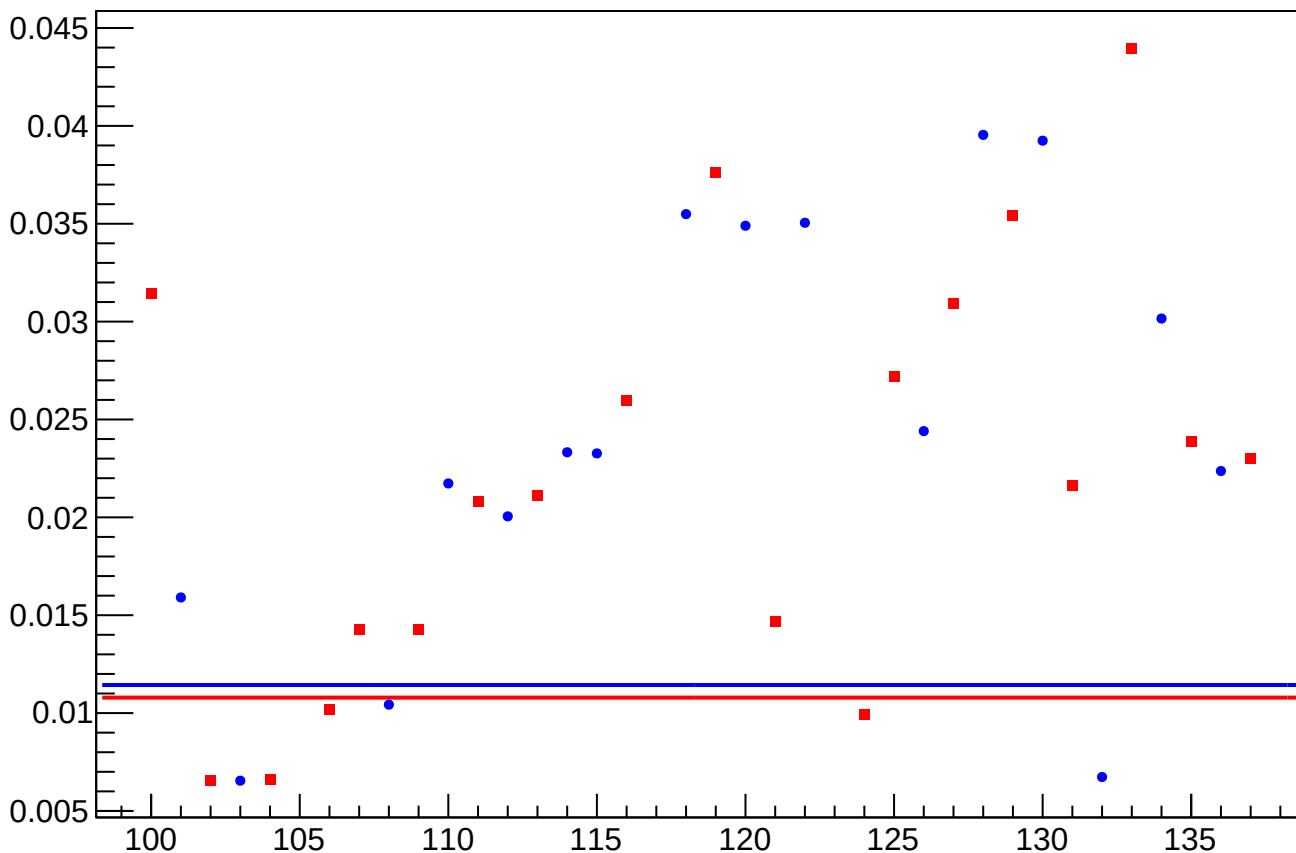
Right: 0.000+/-0.000 χ^2/NDF : 30.7/34

In: -0.000+/-0.000 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.7/34

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 4699938.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 4473688.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

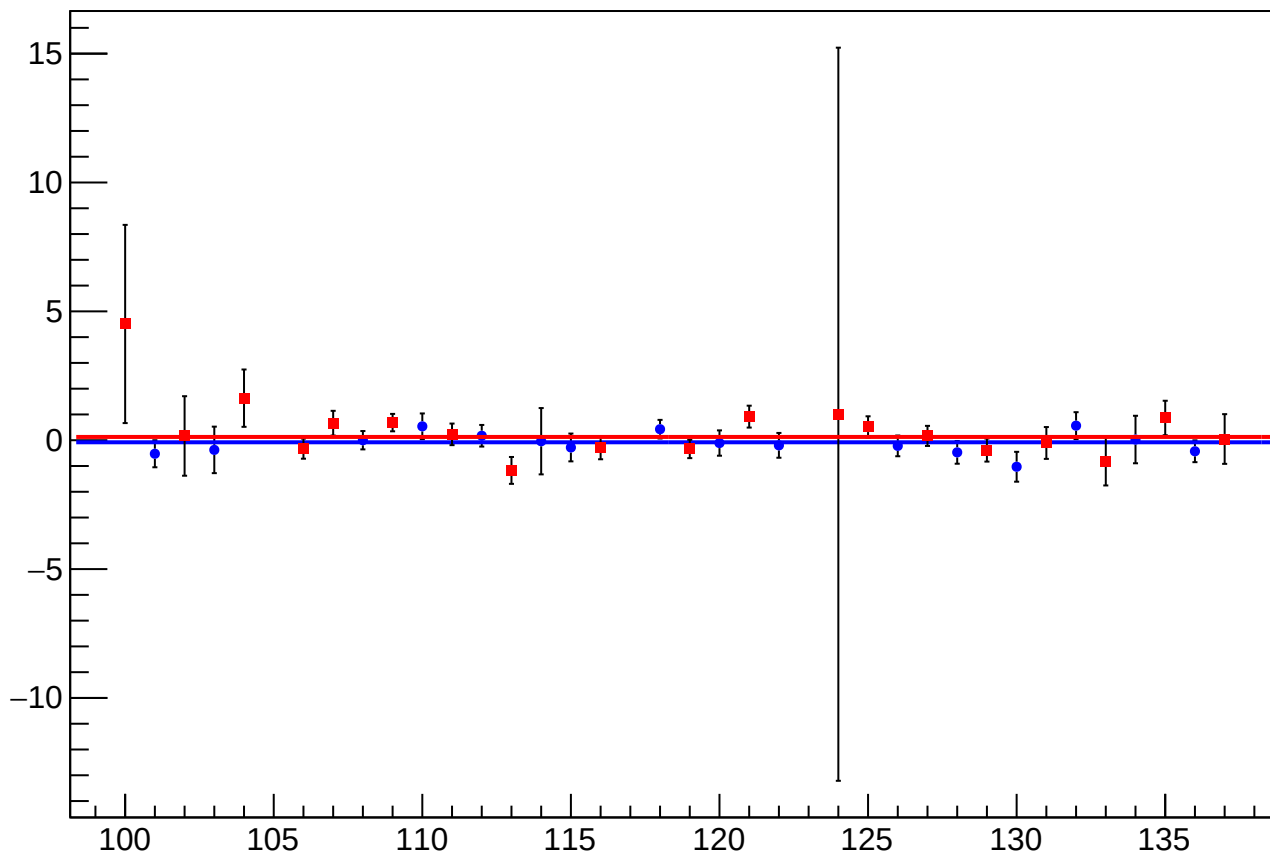
Right: 0.011+/-0.000 χ^2/NDF : 9189725.1/34

In: 0.011+/-0.000 χ^2/NDF :4699938.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 9189725.1/34

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.117 χ^2/NDF : 25.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

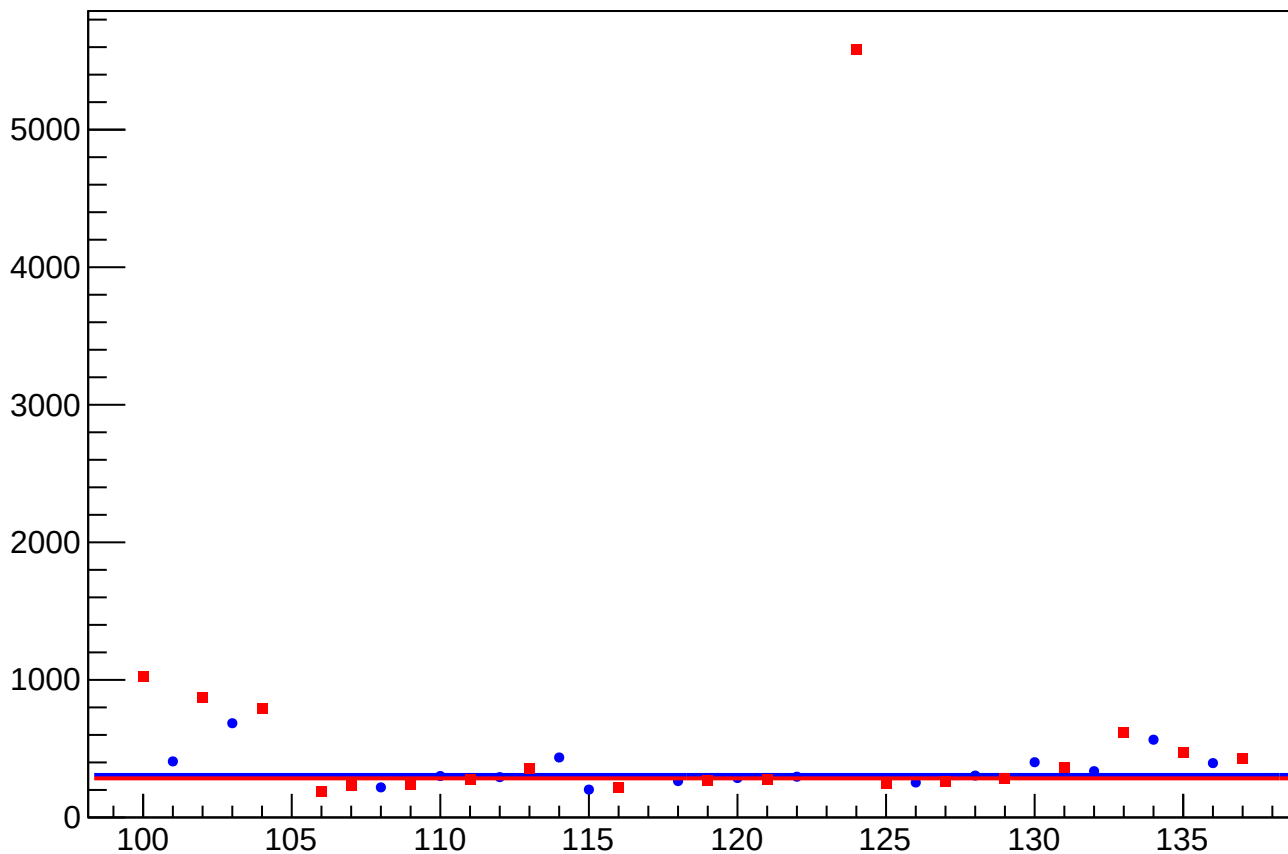
Right: 0.028 ± 0.084 χ^2/NDF : 37.5/34

In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.084 χ^2/NDF : 37.5/34

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 309.093+/-0.086 χ^2/NDF : 1014573.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 284.188+/-0.083 χ^2/NDF : 1856434.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

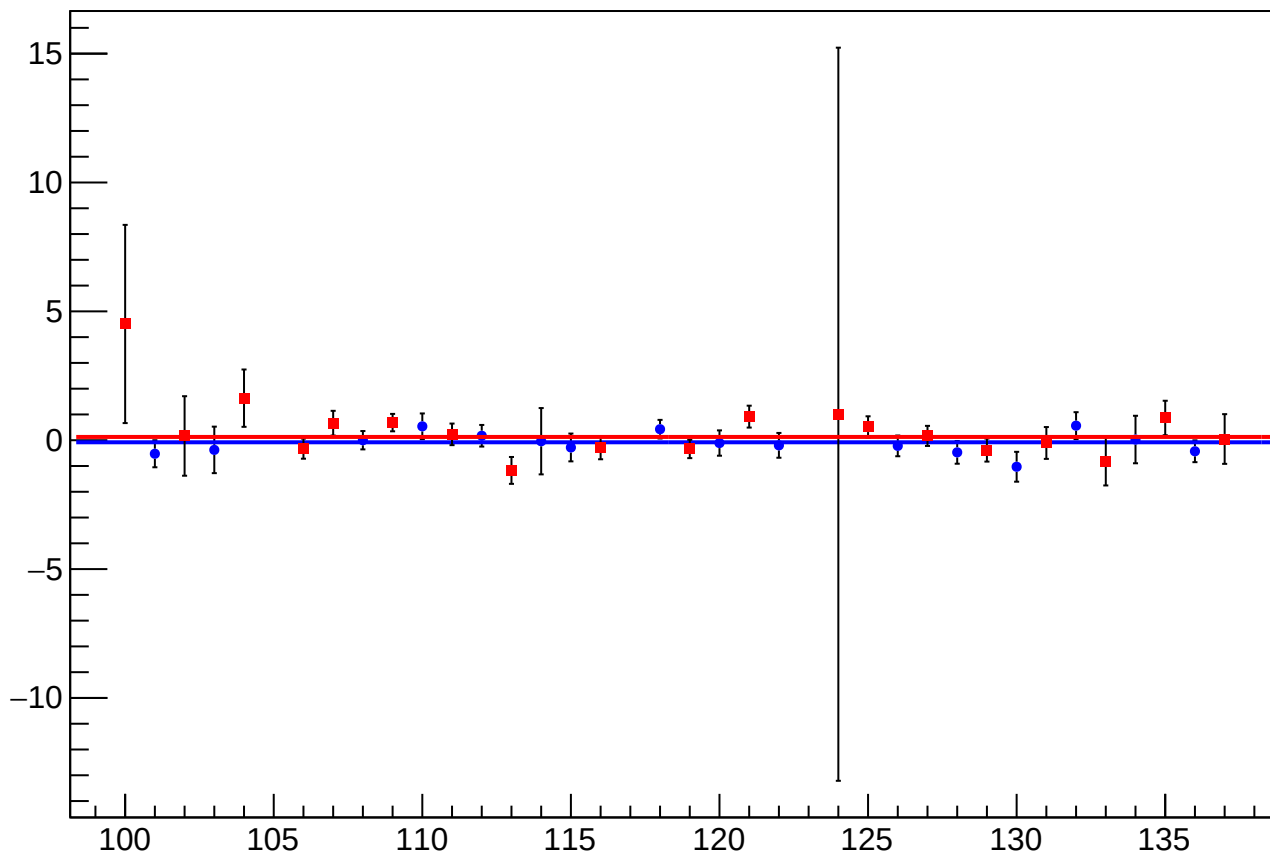
Right: 296.124+/-0.060 χ^2/NDF : 2914502.7/34

In: 309.093+/-0.086 χ^2/NDF : 1014573.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 296.124+/-0.060 χ^2/NDF : 2914502.7/34

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.128 ± 0.117 χ^2/NDF : 25.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

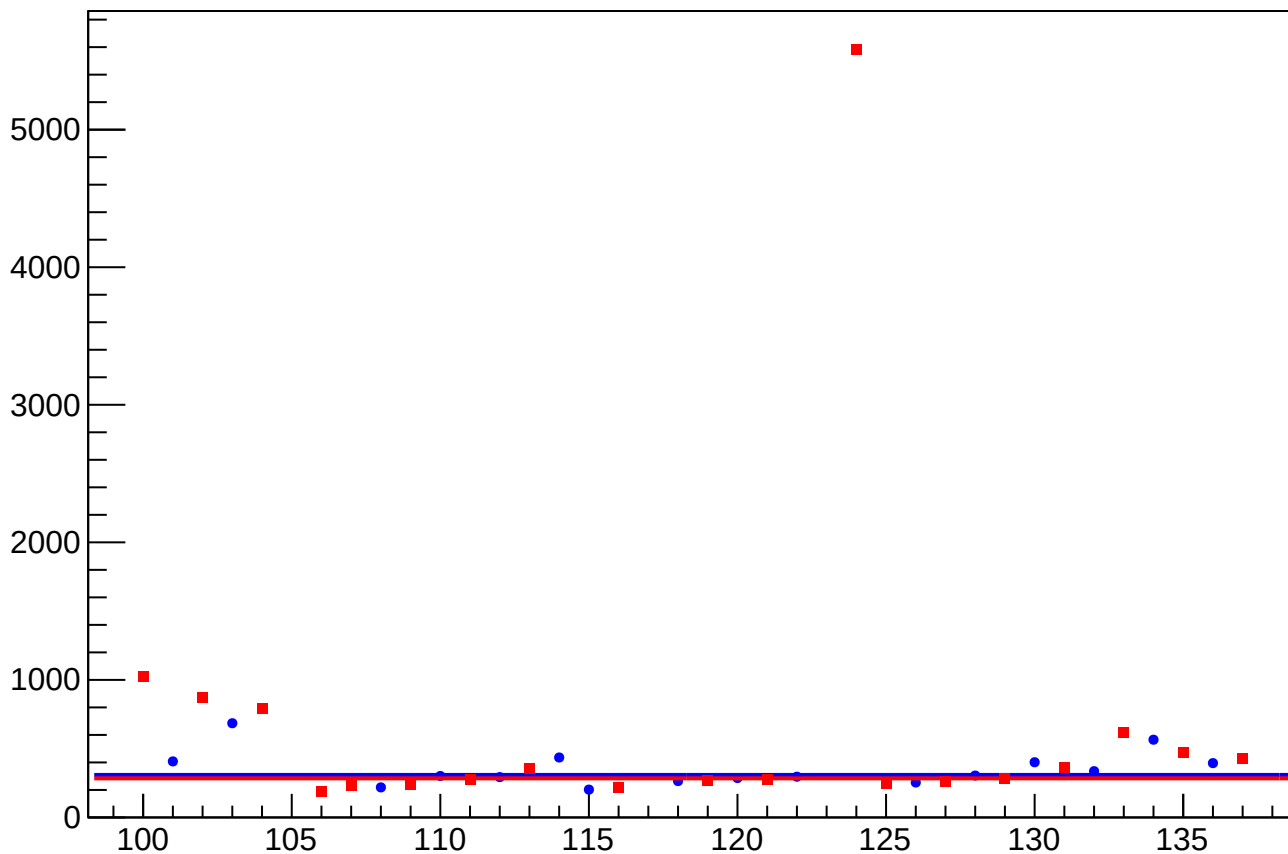
Right: 0.028 ± 0.084 χ^2/NDF : 37.5/34

In: -0.080 ± 0.122 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.028 ± 0.084 χ^2/NDF : 37.5/34

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 309.093 $\pm$ 0.086 χ^2 /NDF: 1014573.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 284.188 $\pm$ 0.083 χ^2 /NDF: 1856434.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

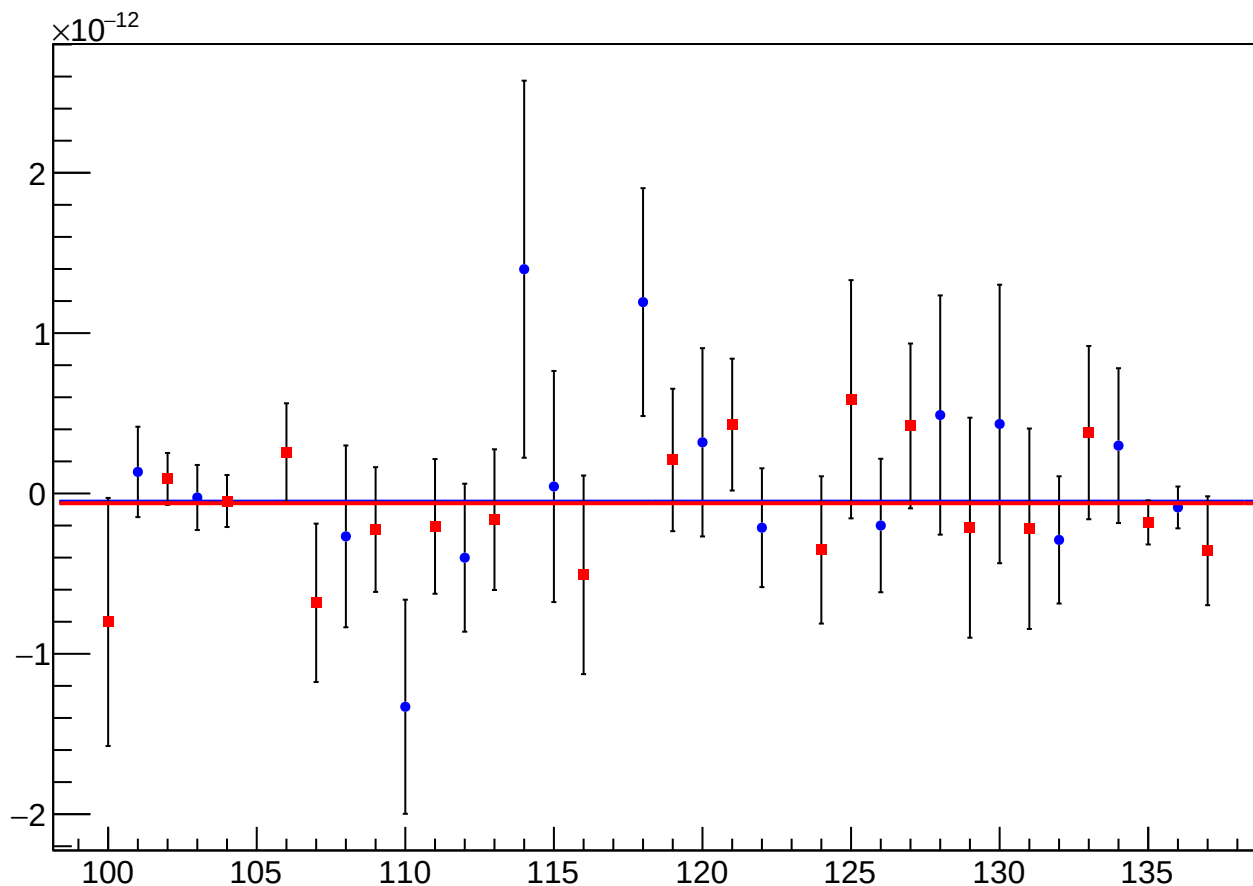
Right: 296.124 $\pm$ 0.060 χ^2 /NDF: 2914502.7/34

In: 309.093 $\pm$ 0.086 χ^2 /NDF: 1014573.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 296.124 $\pm$ 0.060 χ^2 /NDF: 2914502.7/34

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

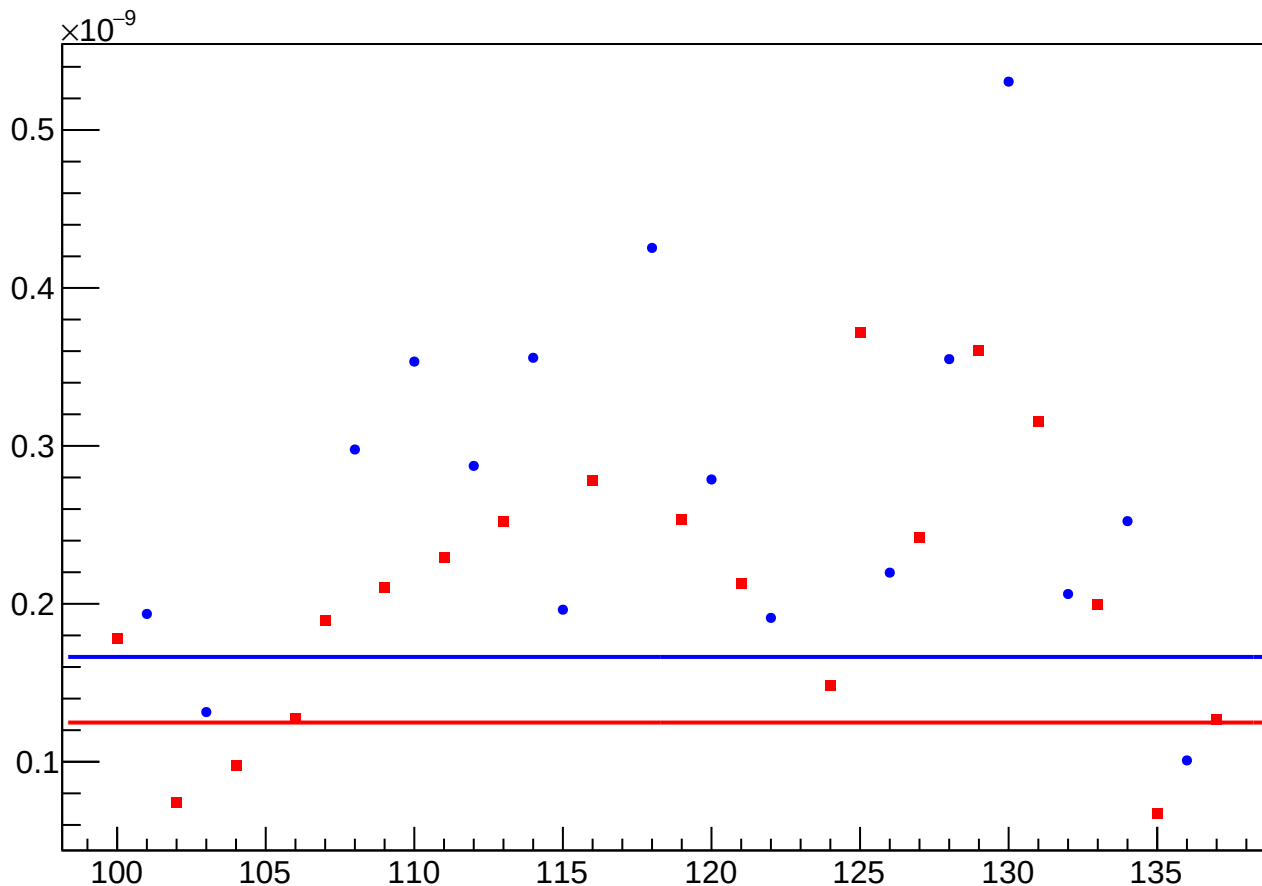
Right: -0.000+/-0.000 χ^2/NDF : 23.4/34

In: -0.000+/-0.000 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.4/34

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1984237.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2209554.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

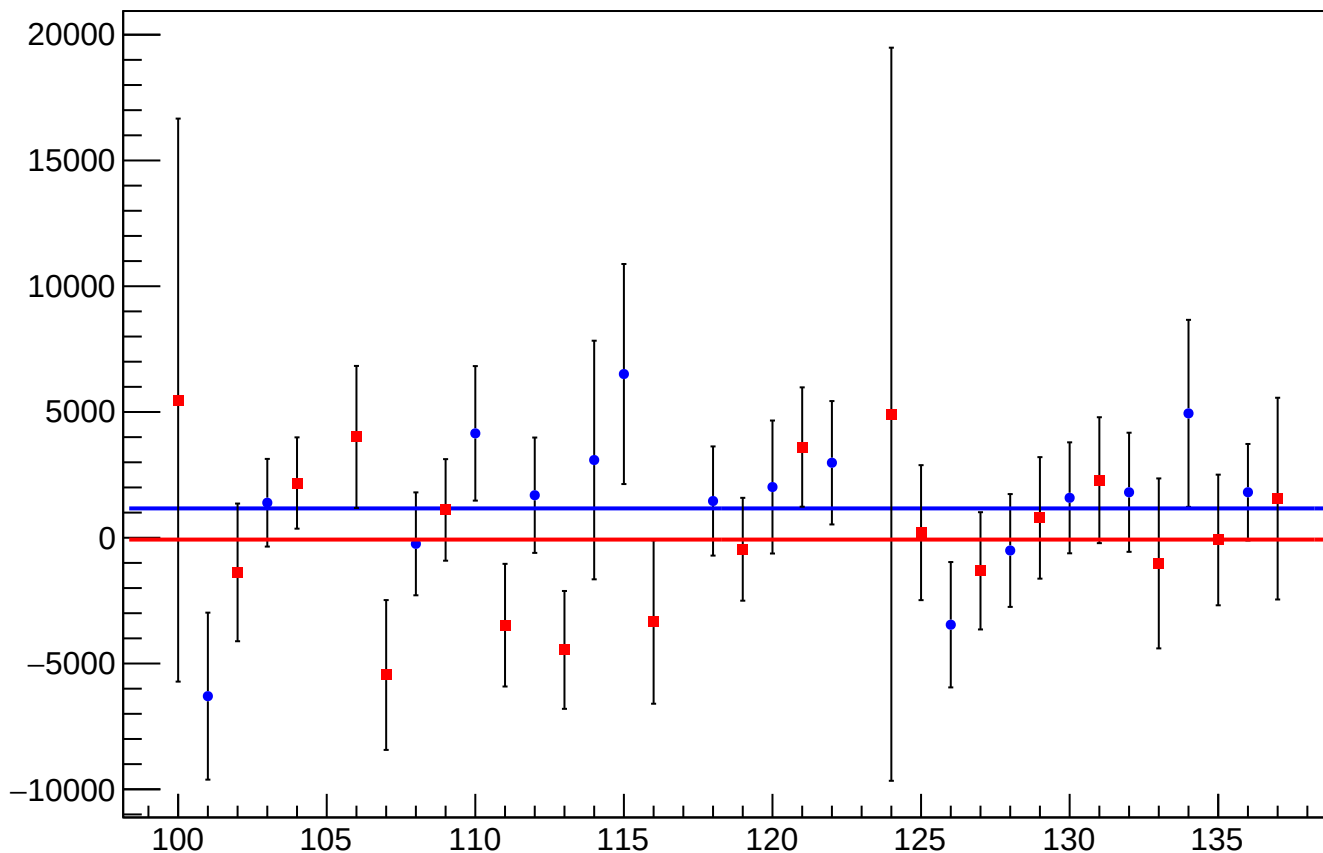
Right: 0.000+/-0.000 χ^2/NDF : 4480530.9/34

In: 0.000+/-0.000 χ^2/NDF : 1984237.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4480530.9/34

reg_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1166.862 $\pm$ 609.171 χ^2 /NDF: 14.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.181 $\pm$ 603.362 χ^2 /NDF: 18.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

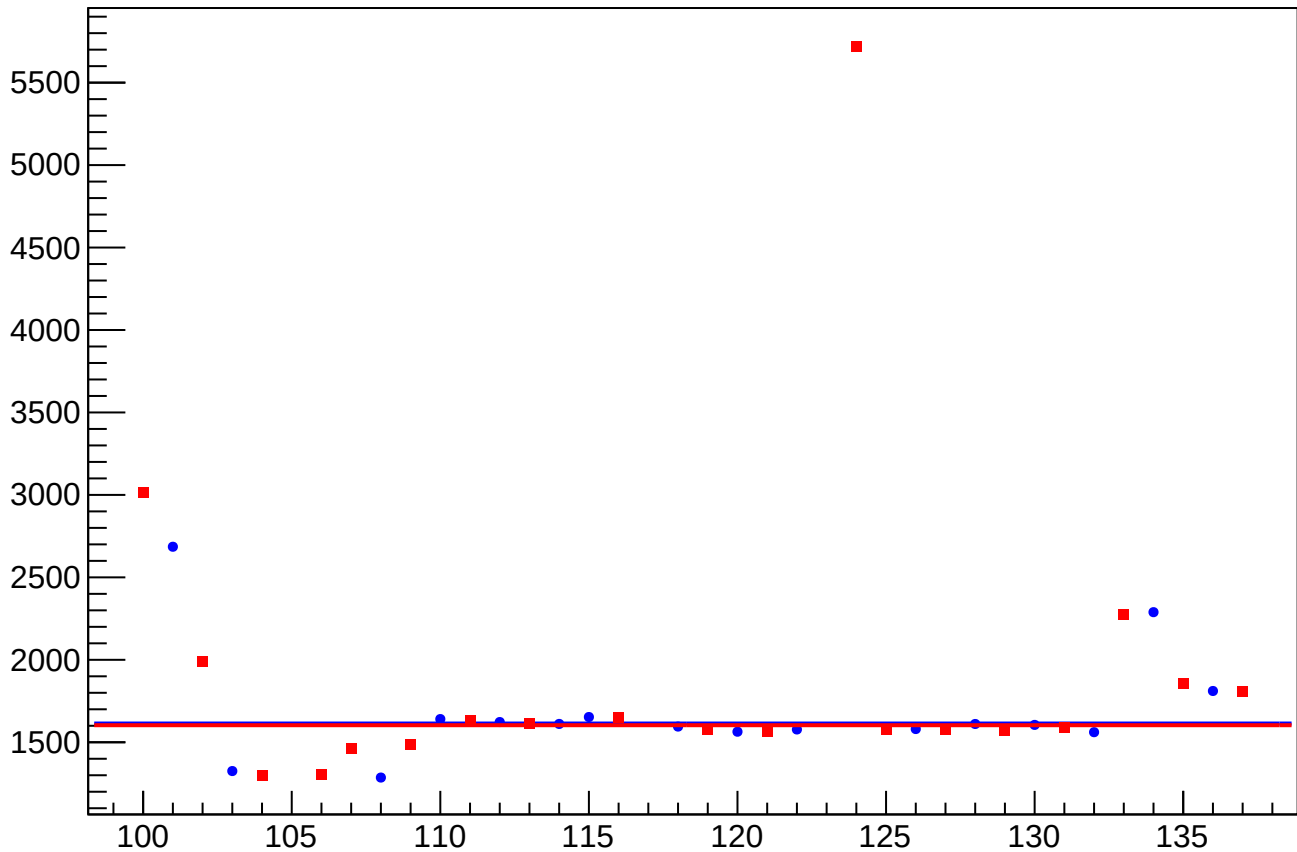
Right: 541.404 $\pm$ 428.680 χ^2 /NDF: 34.8/34

In: 1166.862 $\pm$ 609.171 χ^2 /NDF:14.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 541.404 $\pm$ 428.680 χ^2 /NDF: 34.8/34

reg_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1613.674+/-0.431 χ^2/NDF : 404688.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1603.464+/-0.427 χ^2/NDF : 425793.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

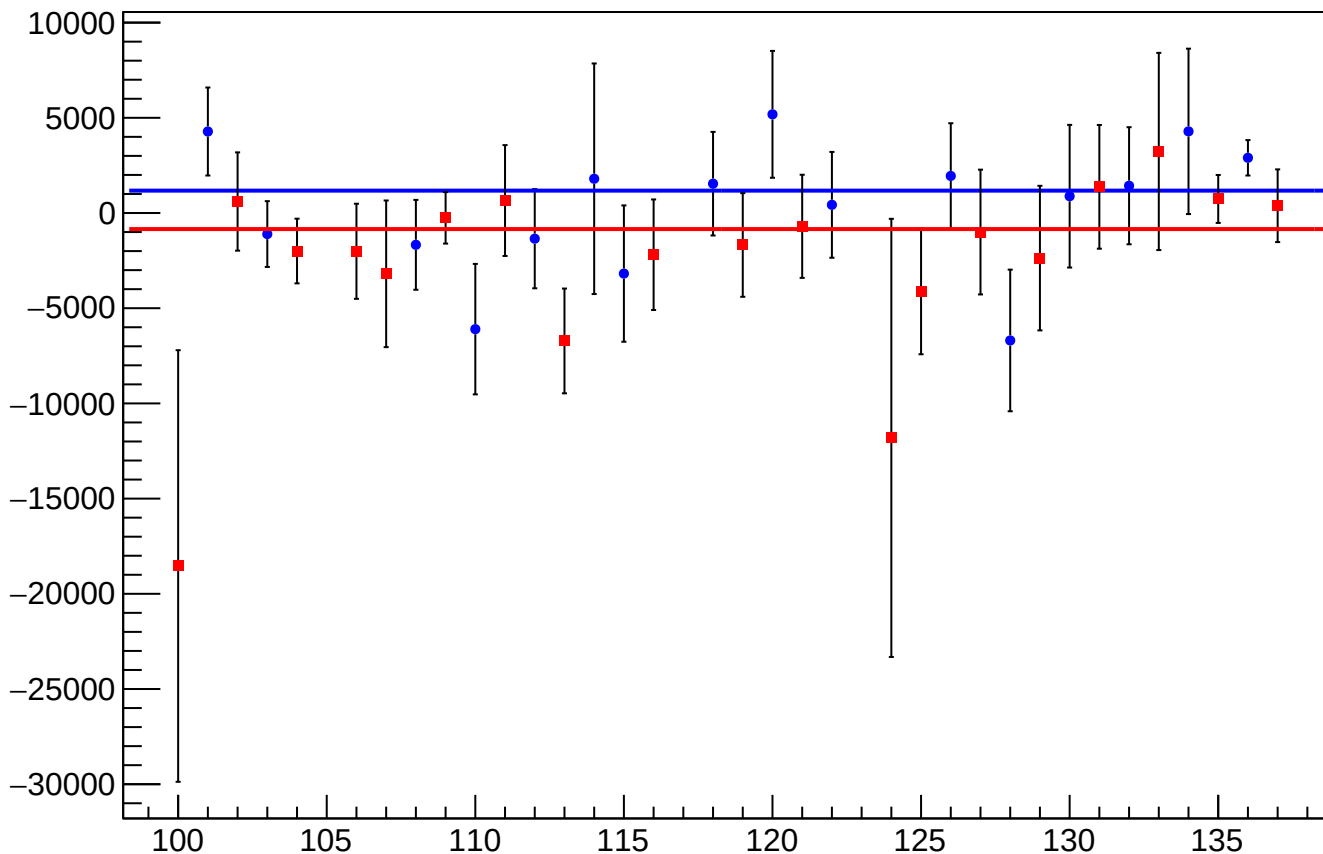
Right: 1608.520+/-0.303 χ^2/NDF : 830765.6/34

In: 1613.674+/-0.431 χ^2/NDF : 404688.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1608.520+/-0.303 χ^2/NDF : 830765.6/34

asym_at2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1175.479+/-579.062 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -843.857+/-557.438 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

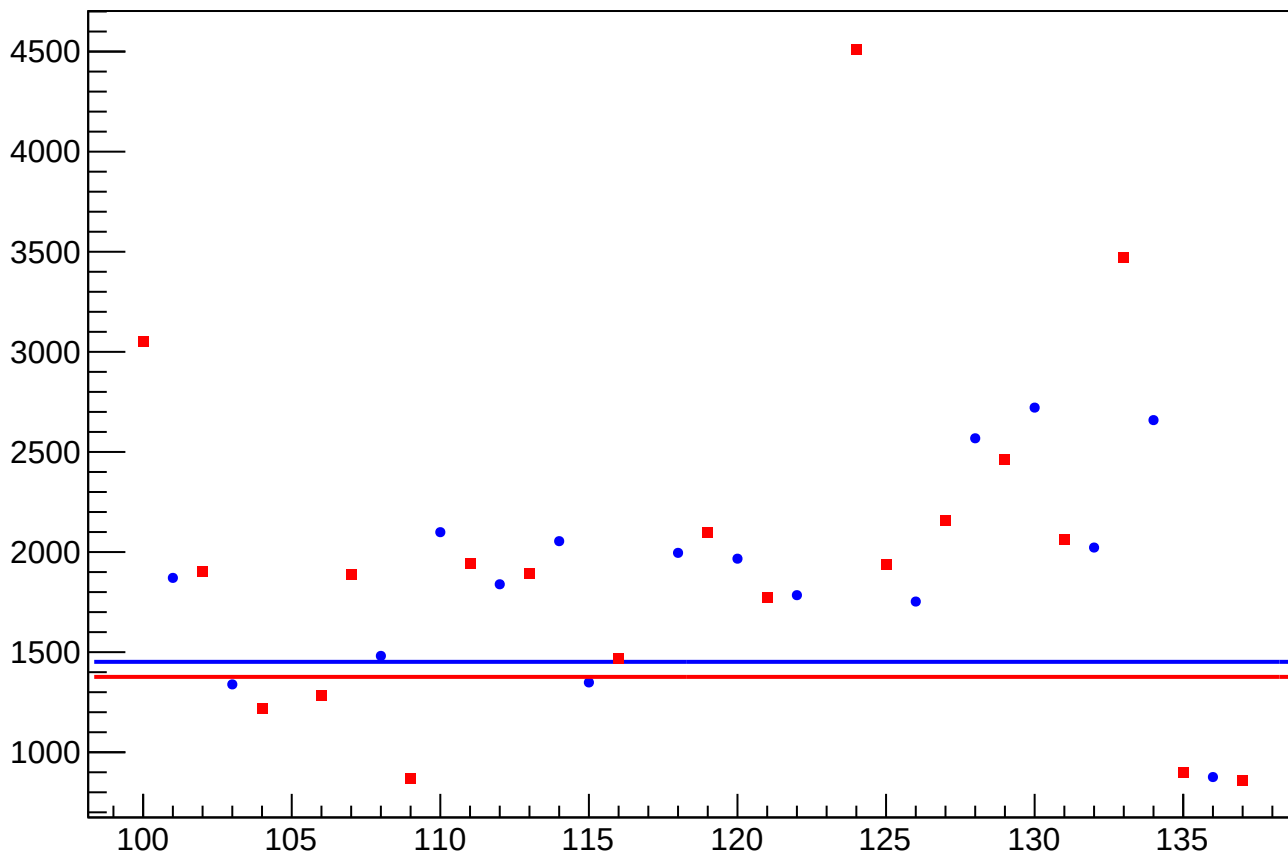
Right: 127.404+/-401.596 χ^2/NDF : 42.6/34

In: 1175.479+/-579.062 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.404+/-401.596 χ^2/NDF : 42.6/34

asym_at2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1451.631+/-0.409 χ^2/NDF : 1790839.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1376.470+/-0.394 χ^2/NDF : 2132051.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

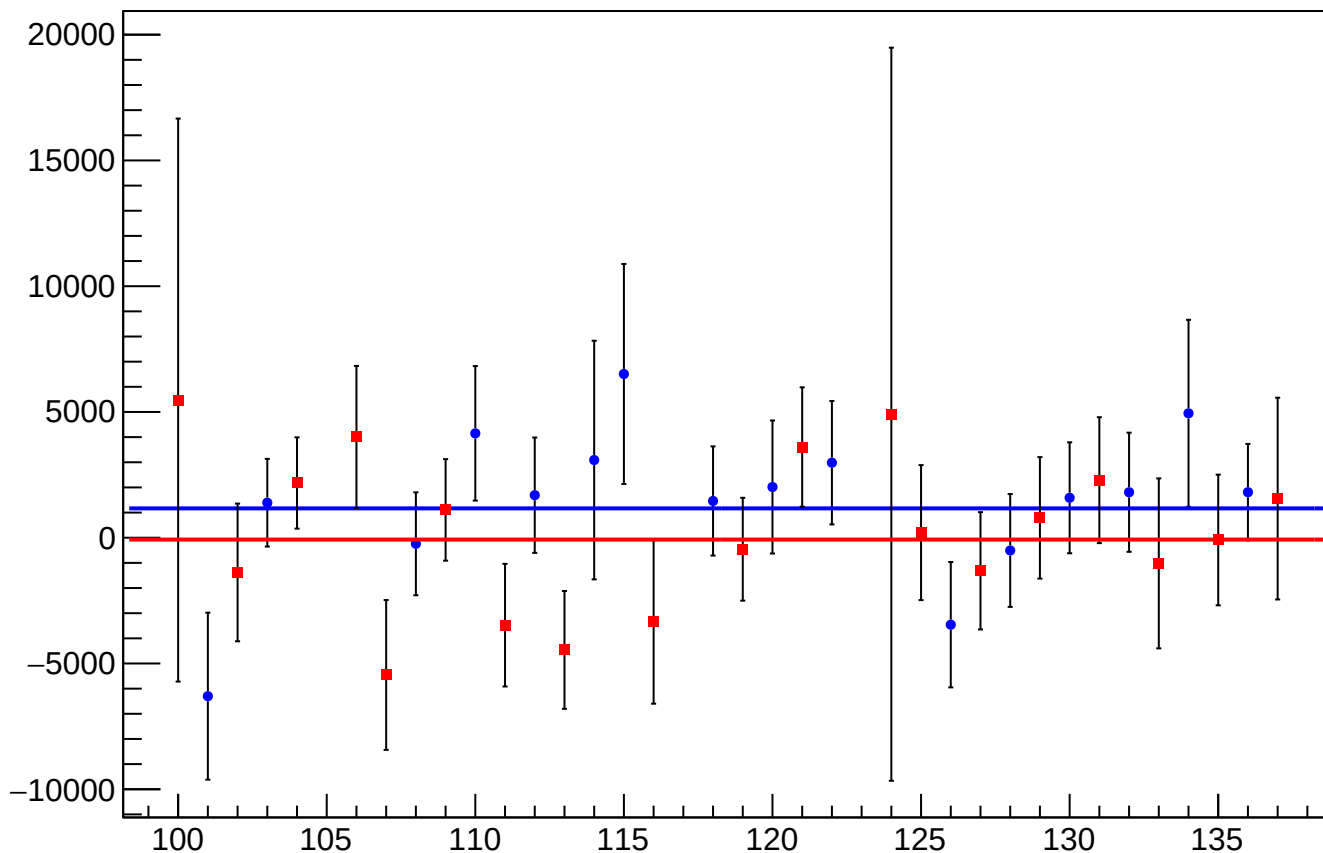
Right: 1412.621+/-0.284 χ^2/NDF : 3940379.2/34

In: 1451.631+/-0.409 χ^2/NDF :1790839.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1412.621+/-0.284 χ^2/NDF : 3940379.2/34

cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1166.769+/-609.171 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.499+/-603.362 χ^2/NDF : 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

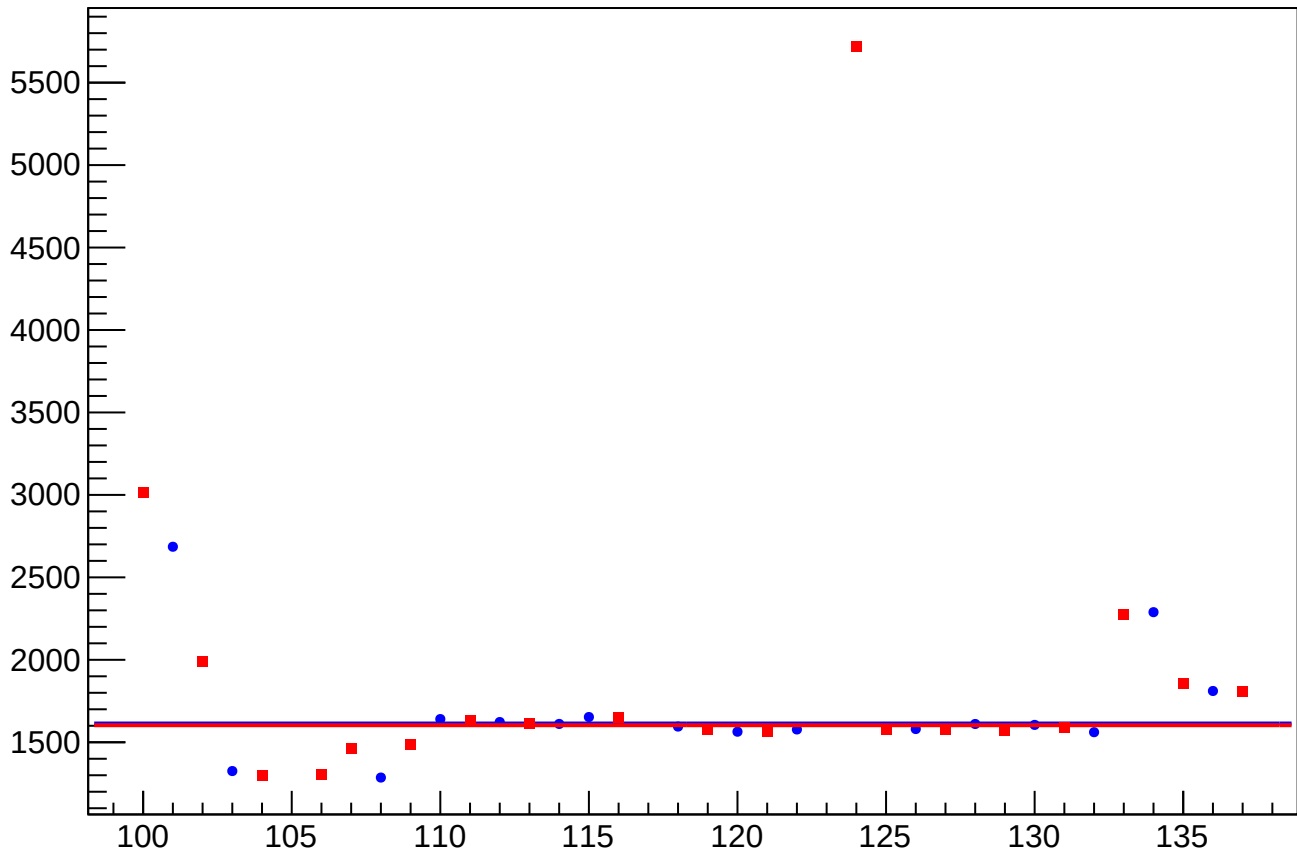
Right: 541.197+/-428.680 χ^2/NDF : 34.8/34

In: 1166.769+/-609.171 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.197+/-428.680 χ^2/NDF : 34.8/34

cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1613.674+/-0.431 χ^2 /NDF: 404688.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1603.464+/-0.427 χ^2 /NDF: 425793.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

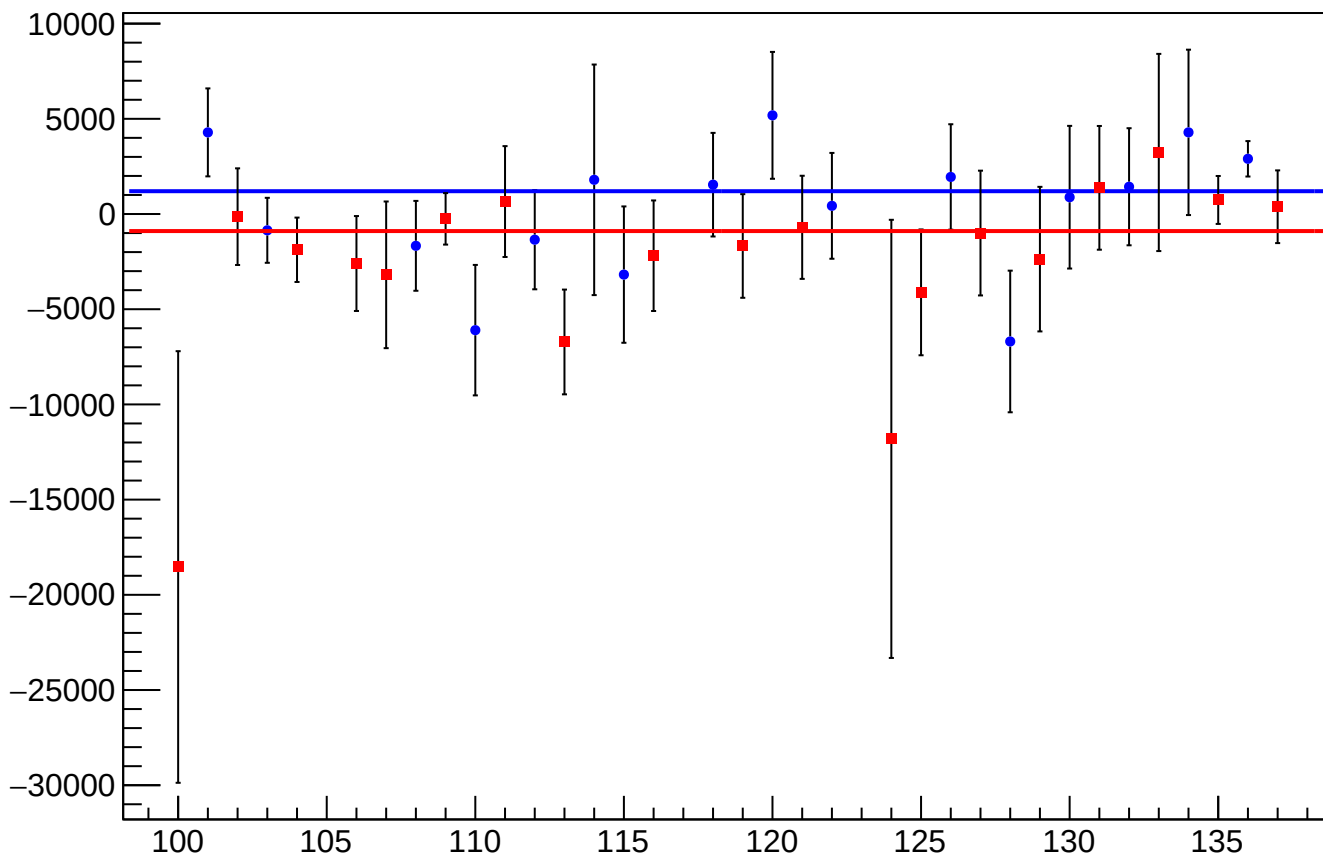
Right: 1608.520+/-0.303 χ^2 /NDF: 830765.8/34

In: 1613.674+/-0.431 χ^2 /NDF:404688.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1608.520+/-0.303 χ^2 /NDF: 830765.8/34

asym_at2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1198.338 $\pm$ 578.240 χ^2 /NDF: 21.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -895.463 $\pm$ 556.666 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

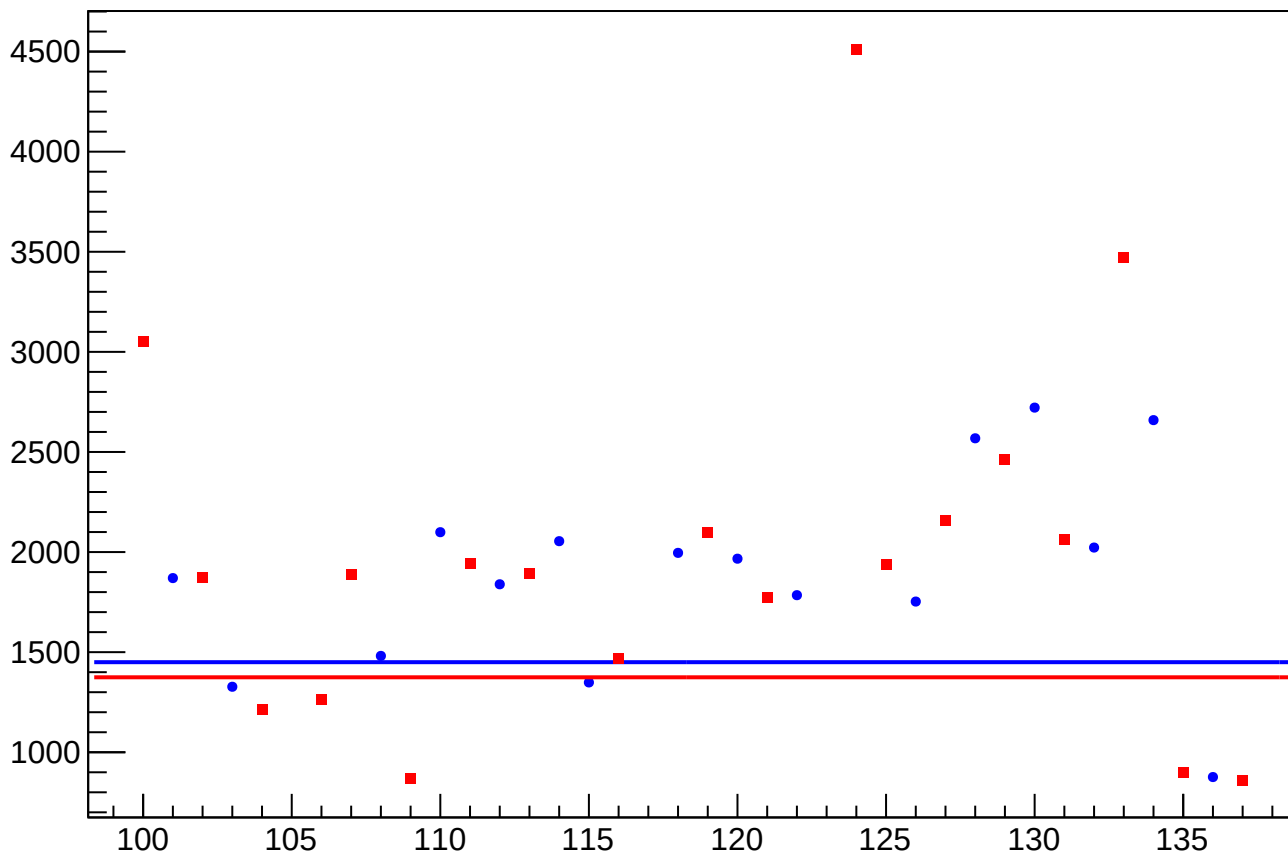
Right: 111.650 $\pm$ 401.033 χ^2 /NDF: 42.7/34

In: 1198.338 $\pm$ 578.240 χ^2 /NDF:21.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 111.650 $\pm$ 401.033 χ^2 /NDF: 42.7/34

asym_at2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1449.939+/-0.409 χ^2/NDF : 1792673.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.438+/-0.394 χ^2/NDF : 2127695.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

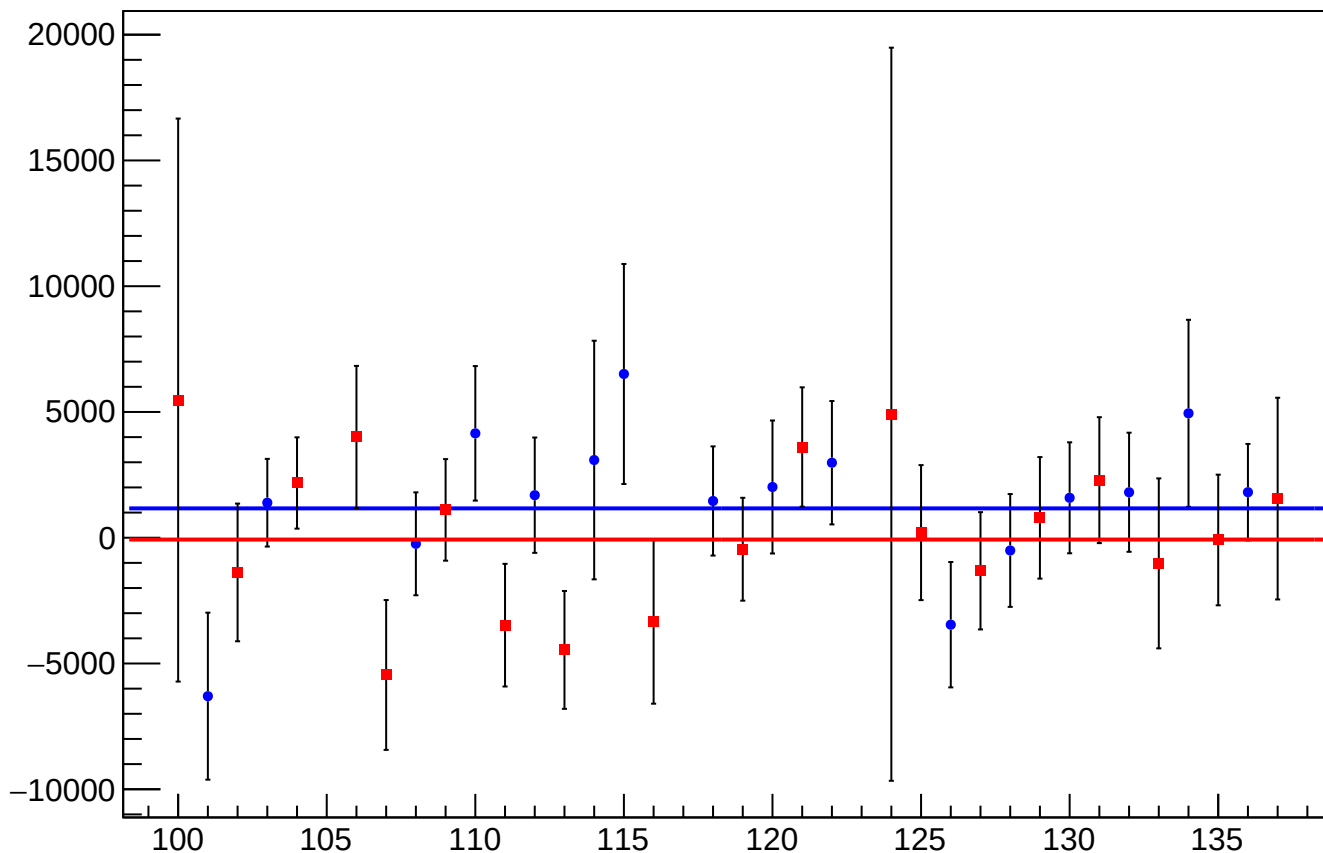
Right: 1410.753+/-0.284 χ^2/NDF : 3938065.4/34

In: 1449.939+/-0.409 χ^2/NDF : 1792673.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.753+/-0.284 χ^2/NDF : 3938065.4/34

eigen_cor_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1166.769+/-609.171 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -72.499+/-603.362 χ^2/NDF : 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

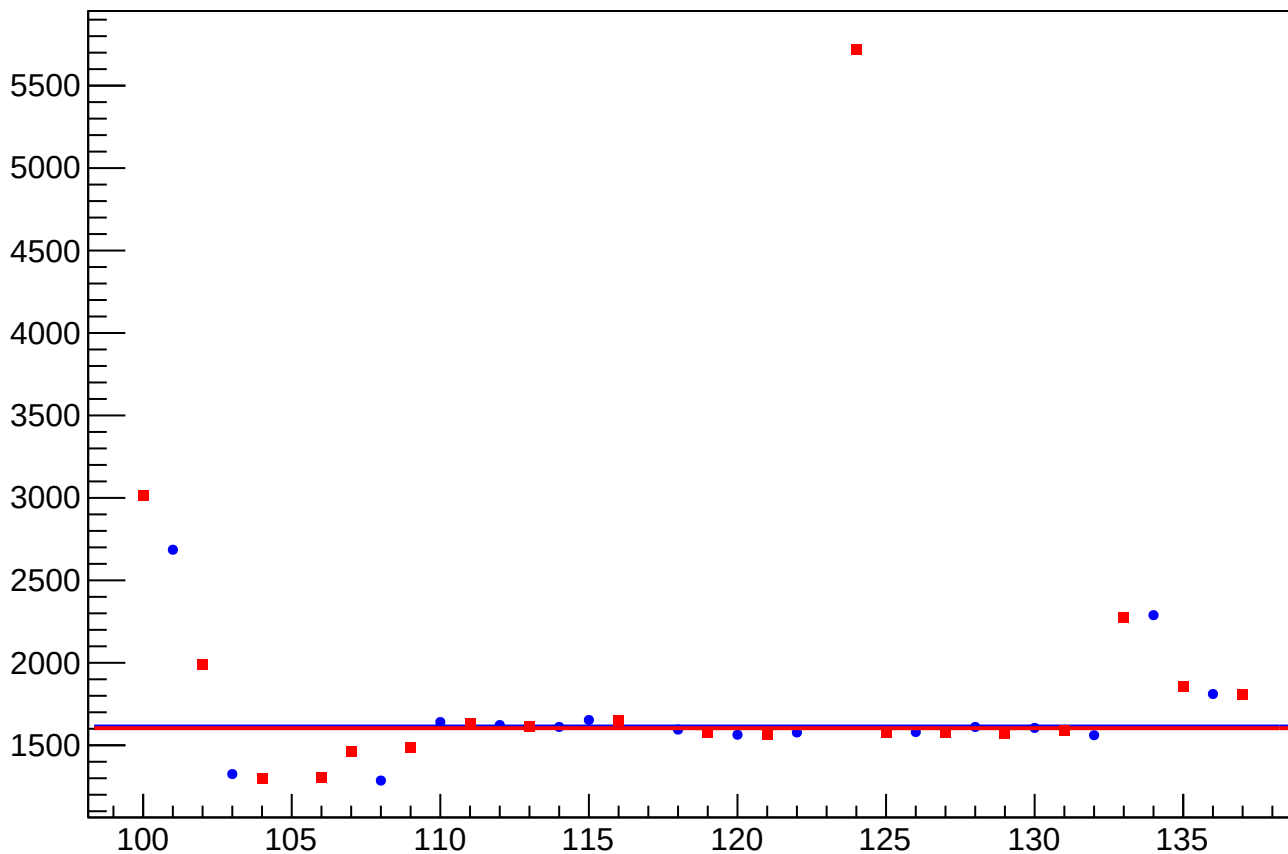
Right: 541.197+/-428.680 χ^2/NDF : 34.8/34

In: 1166.769+/-609.171 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.197+/-428.680 χ^2/NDF : 34.8/34

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1613.674+/-0.431 χ^2 /NDF: 404688.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1603.464+/-0.427 χ^2 /NDF: 425793.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

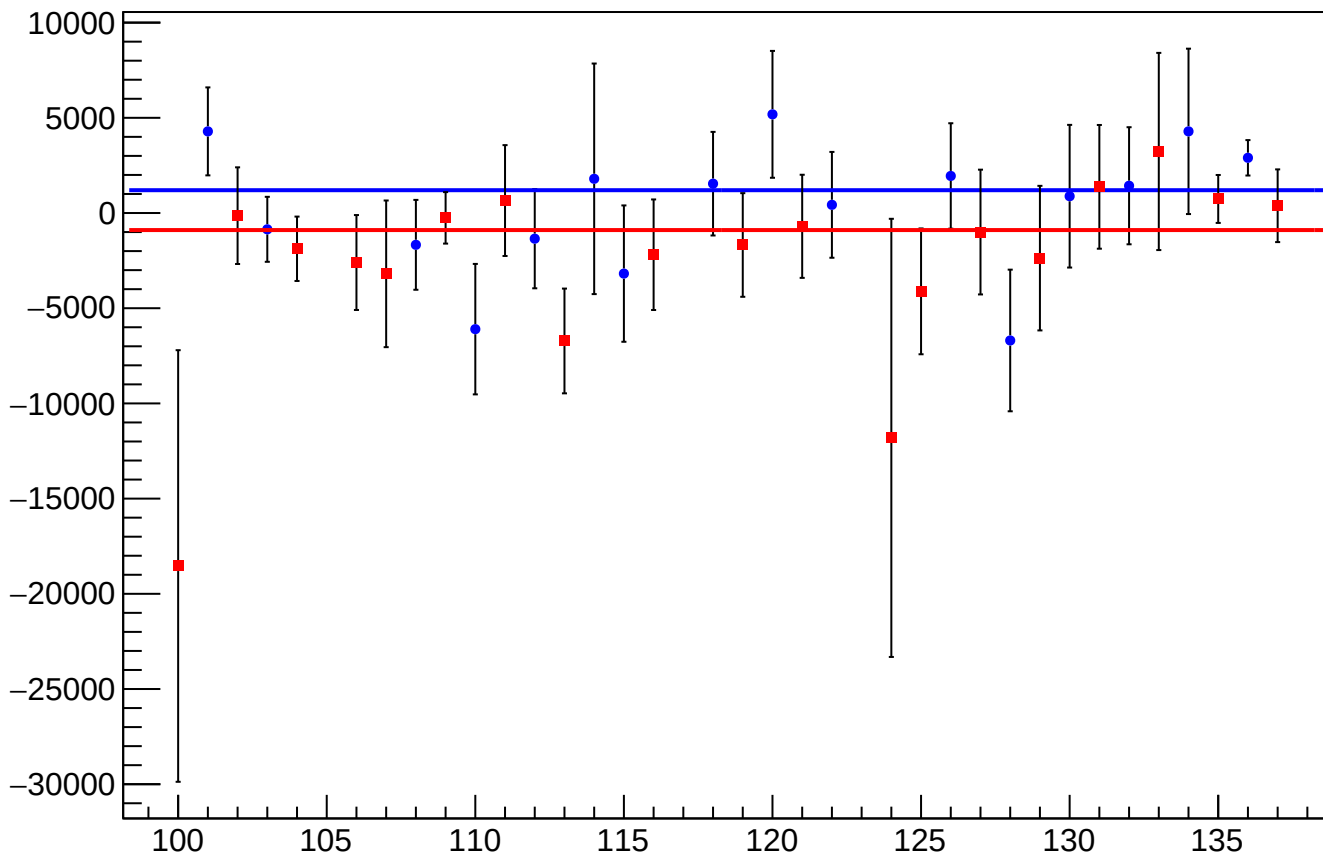
Right: 1608.520+/-0.303 χ^2 /NDF: 830765.8/34

In: 1613.674+/-0.431 χ^2 /NDF:404688.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1608.520+/-0.303 χ^2 /NDF: 830765.8/34

asym_at2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1198.338+/-578.240 χ^2/NDF : 21.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -895.463+/-556.666 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

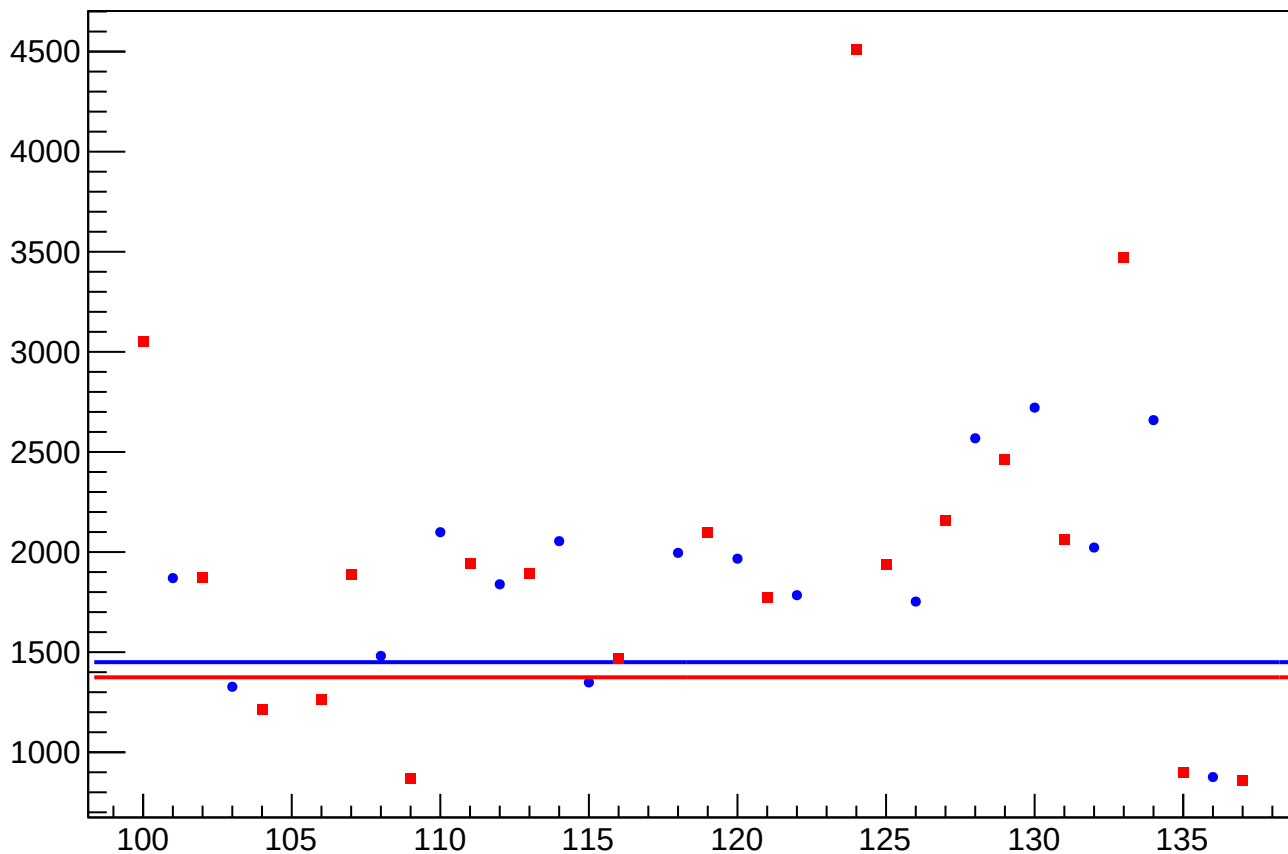
Right: 111.650+/-401.033 χ^2/NDF : 42.7/34

In: 1198.338+/-578.240 χ^2/NDF : 21.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.650+/-401.033 χ^2/NDF : 42.7/34

asym_at2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1449.939+/-0.409 χ^2/NDF : 1792673.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1374.438+/-0.394 χ^2/NDF : 2127695.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

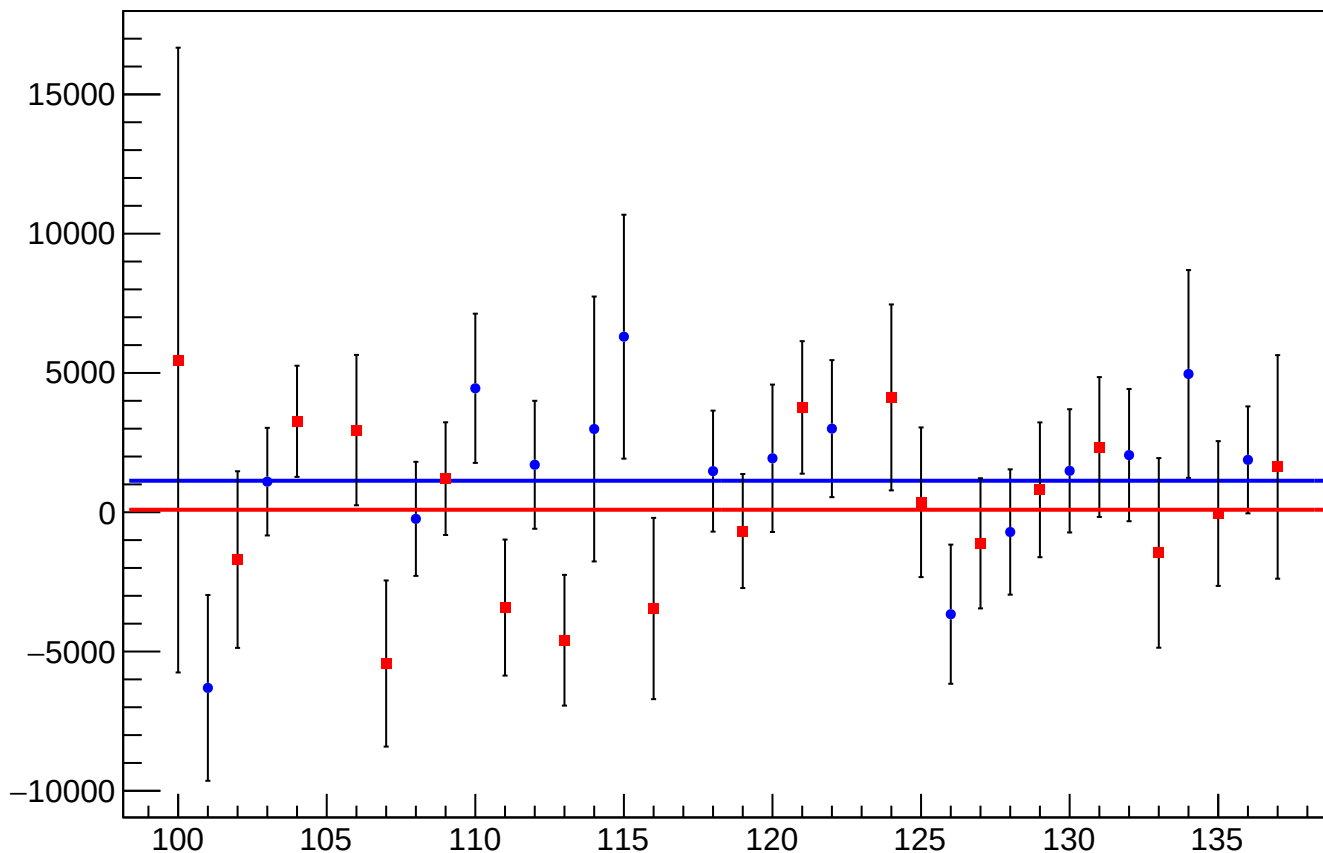
Right: 1410.753+/-0.284 χ^2/NDF : 3938065.4/34

In: 1449.939+/-0.409 χ^2/NDF : 1792673.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.753+/-0.284 χ^2/NDF : 3938065.4/34

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1130.726 $\pm$ 617.236 χ^2 /NDF: 15.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 89.220 $\pm$ 603.072 χ^2 /NDF: 20.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

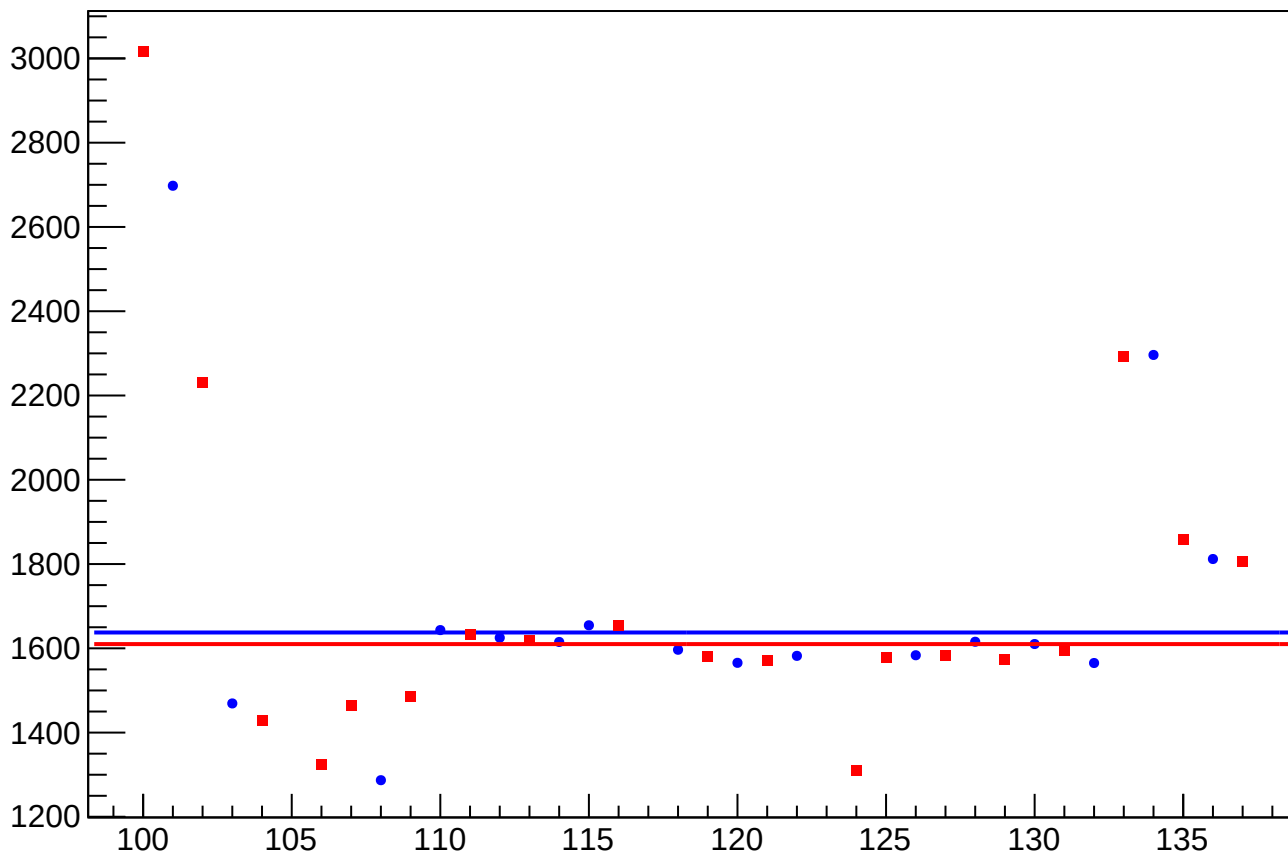
Right: 597.886 $\pm$ 431.357 χ^2 /NDF: 37.1/34

In: 1130.726 $\pm$ 617.236 χ^2 /NDF:15.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 597.886 $\pm$ 431.357 χ^2 /NDF: 37.1/34

dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1637.574+/-0.436 χ^2/NDF : 361417.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.043+/-0.426 χ^2/NDF : 280812.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

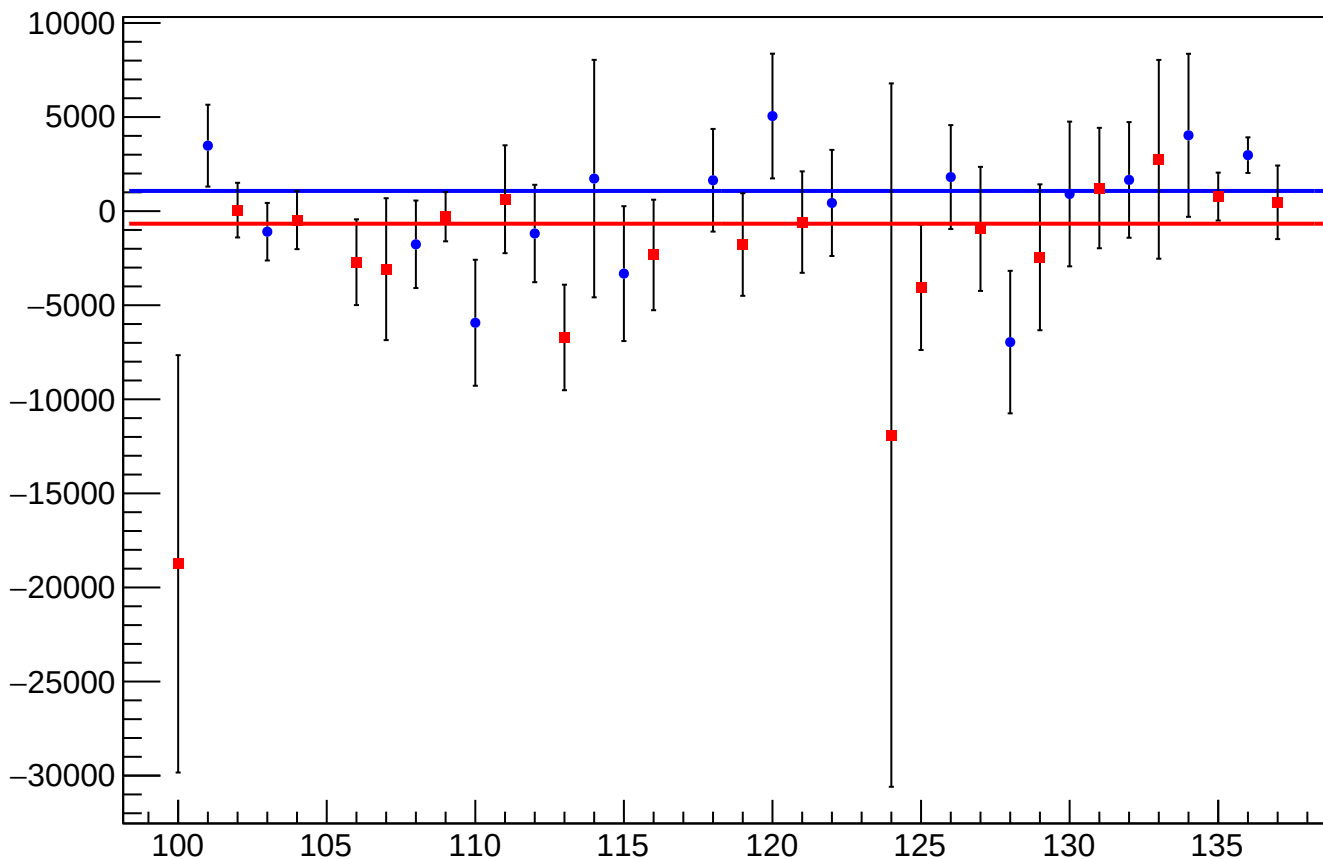
Right: 1623.489+/-0.305 χ^2/NDF : 644265.1/34

In: 1637.574+/-0.436 χ^2/NDF : 361417.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.489+/-0.305 χ^2/NDF : 644265.1/34

asym_at2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1073.600+/-571.609 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -667.777+/-523.477 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

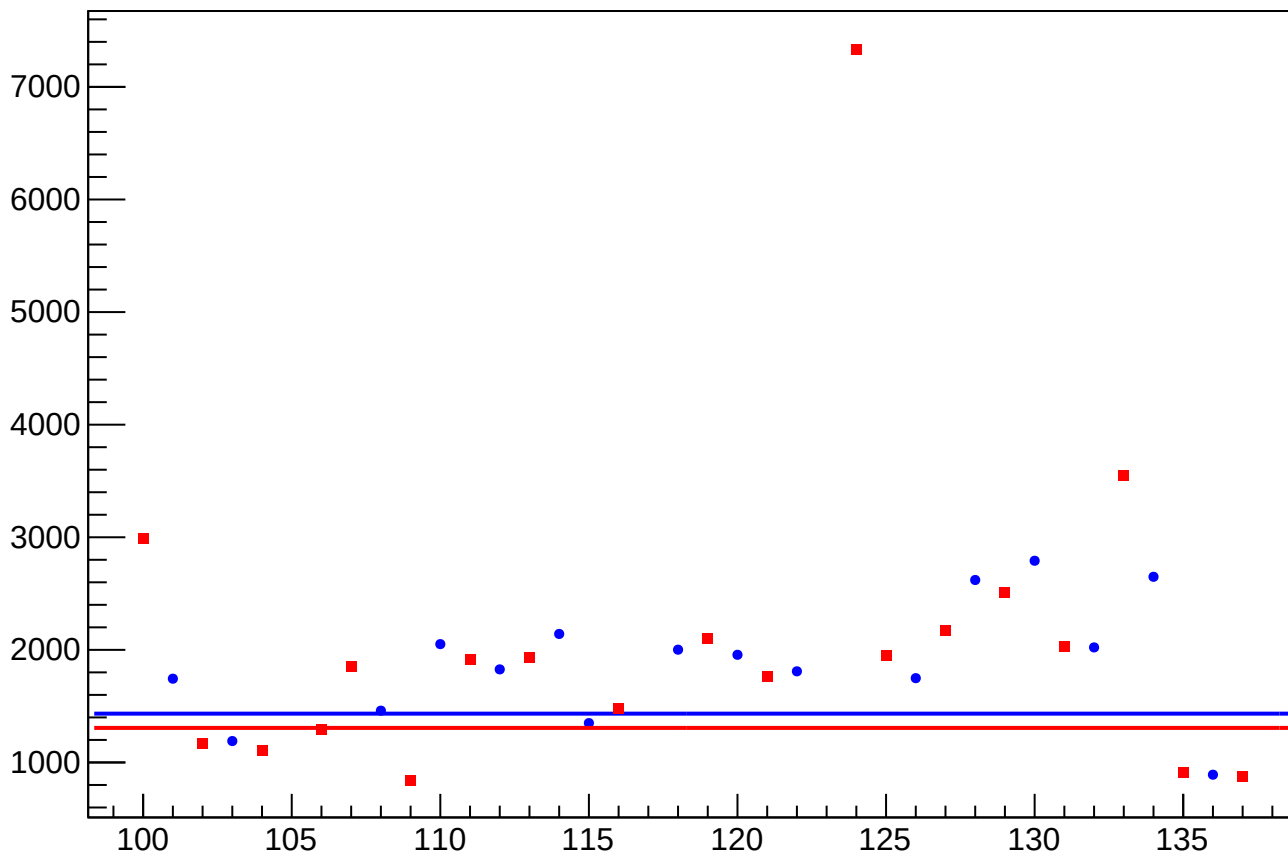
Right: 126.521+/-386.051 χ^2/NDF : 40.6/34

In: 1073.600+/-571.609 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.521+/-386.051 χ^2/NDF : 40.6/34

asym_at2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1433.477+/-0.404 χ^2/NDF : 1763491.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.866+/-0.370 χ^2/NDF : 2183906.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

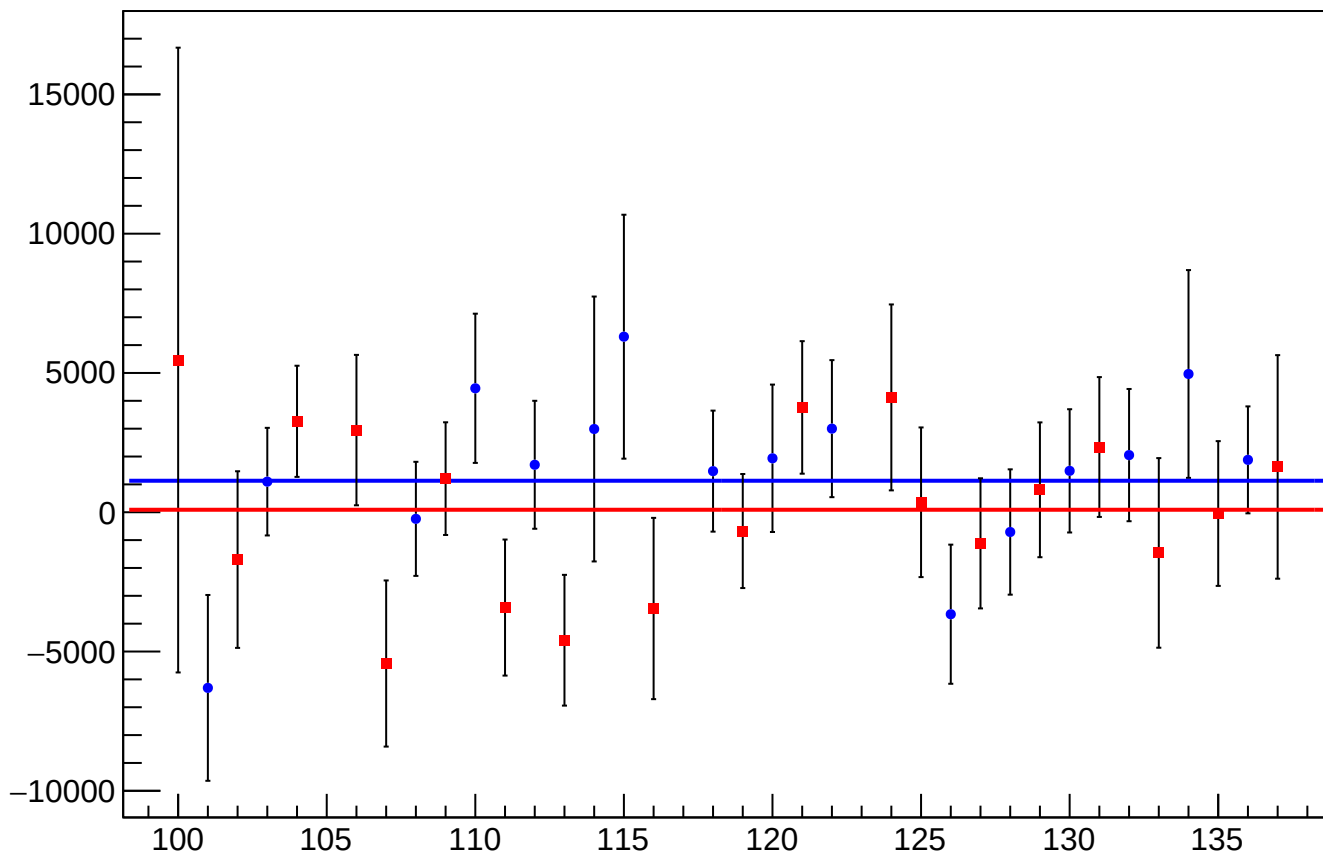
Right: 1364.618+/-0.273 χ^2/NDF : 4000764.0/34

In: 1433.477+/-0.404 χ^2/NDF : 1763491.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.618+/-0.273 χ^2/NDF : 4000764.0/34

eigen_dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1130.728+/-617.236 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.225+/-603.072 χ^2/NDF : 20.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

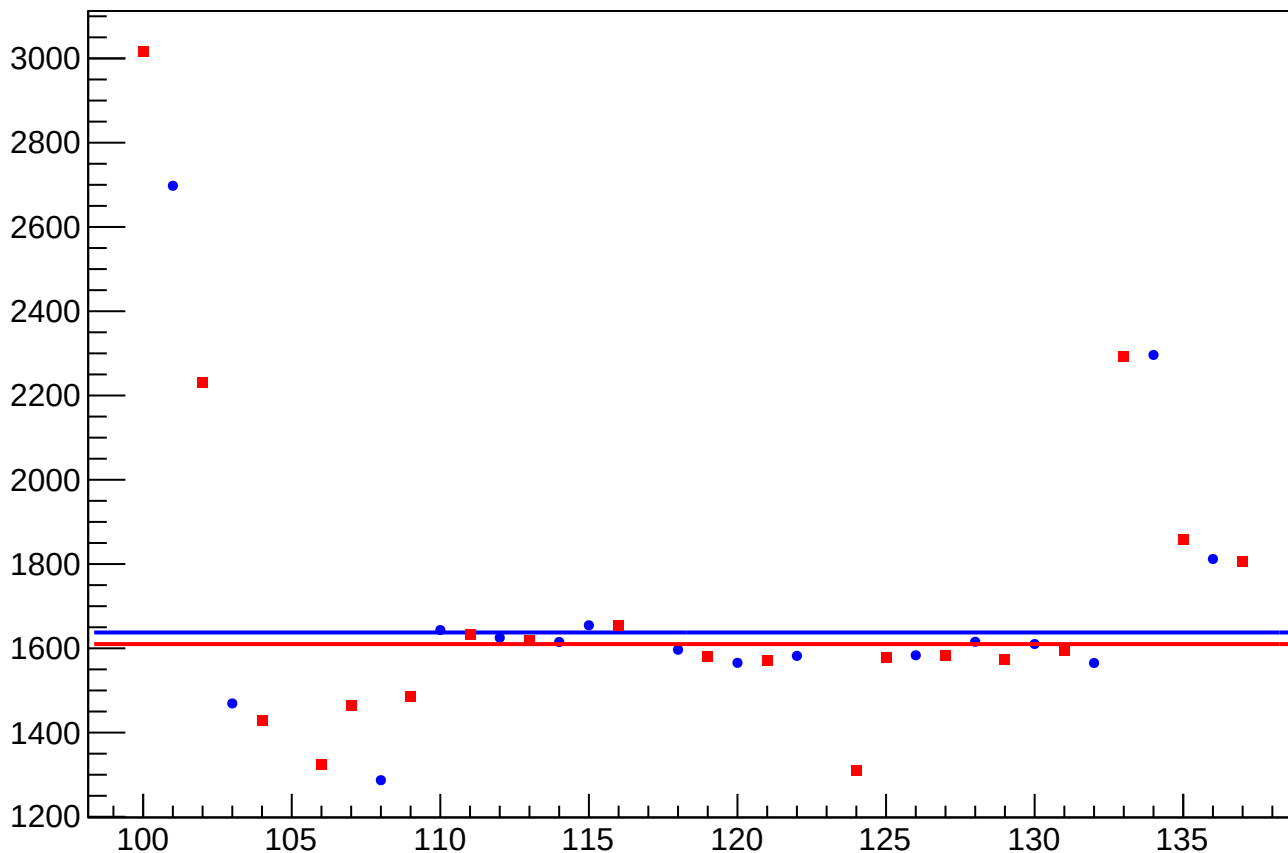
Right: 597.890+/-431.357 χ^2/NDF : 37.1/34

In: 1130.728+/-617.236 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.890+/-431.357 χ^2/NDF : 37.1/34

eigen_dit_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1637.574+/-0.436 χ^2/NDF : 361416.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1610.043+/-0.426 χ^2/NDF : 280812.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

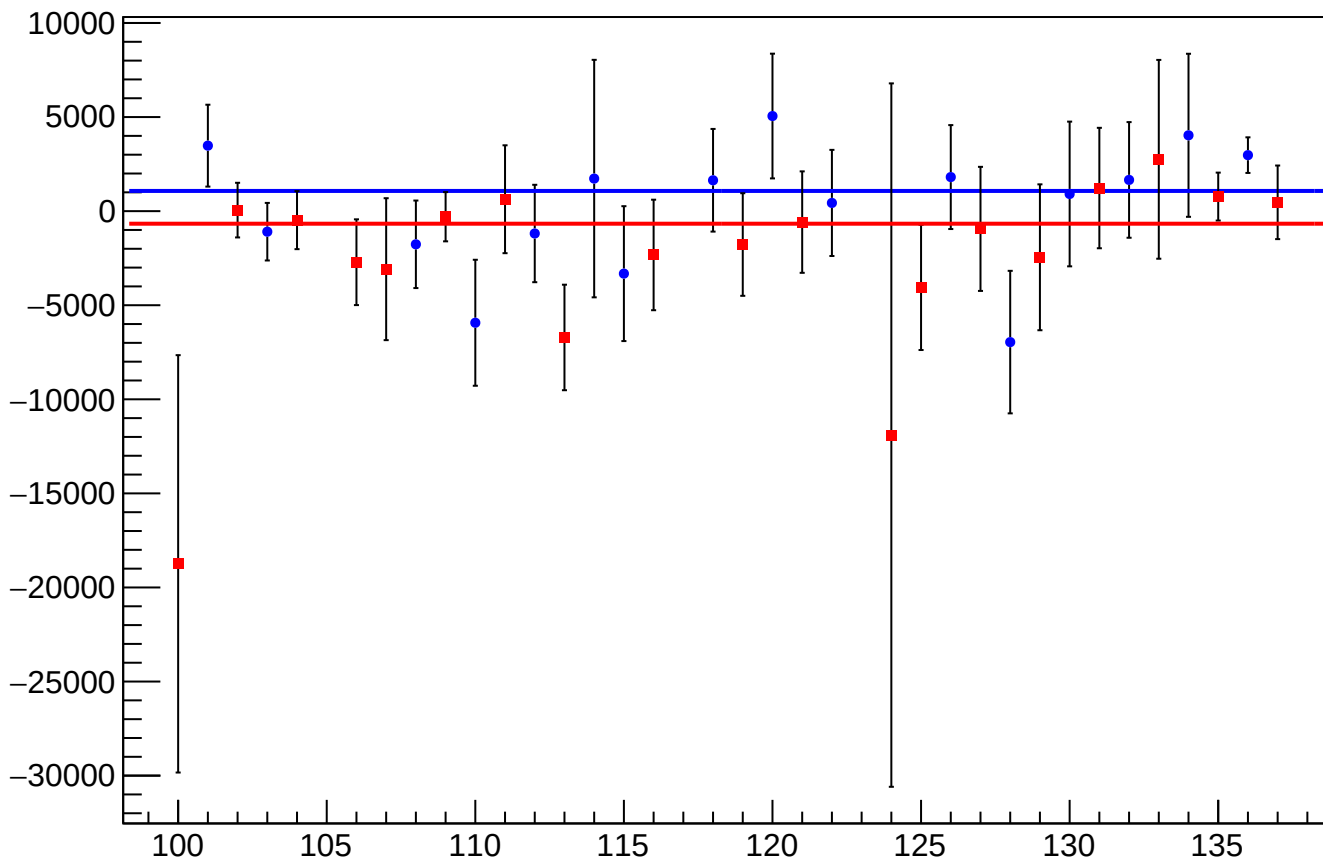
Right: 1623.489+/-0.305 χ^2/NDF : 644265.1/34

In: 1637.574+/-0.436 χ^2/NDF : 361416.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1623.489+/-0.305 χ^2/NDF : 644265.1/34

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1073.589 $\pm$ 571.613 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -667.789 $\pm$ 523.481 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

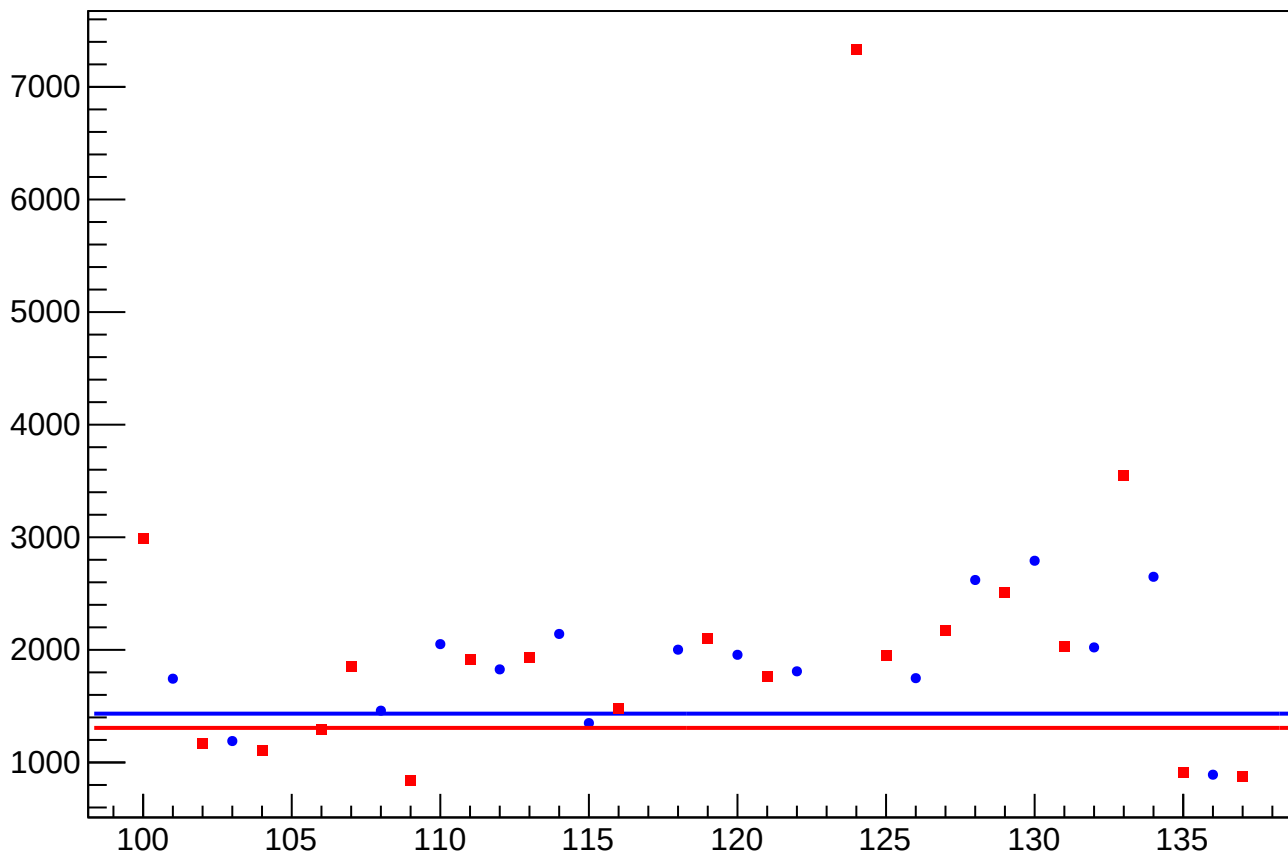
Right: 126.509 $\pm$ 386.053 χ^2 /NDF: 40.6/34

In: 1073.589 $\pm$ 571.613 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.509 $\pm$ 386.053 χ^2 /NDF: 40.6/34

asym_at2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1433.492+/-0.404 χ^2/NDF : 1763397.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1306.880+/-0.370 χ^2/NDF : 2183835.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

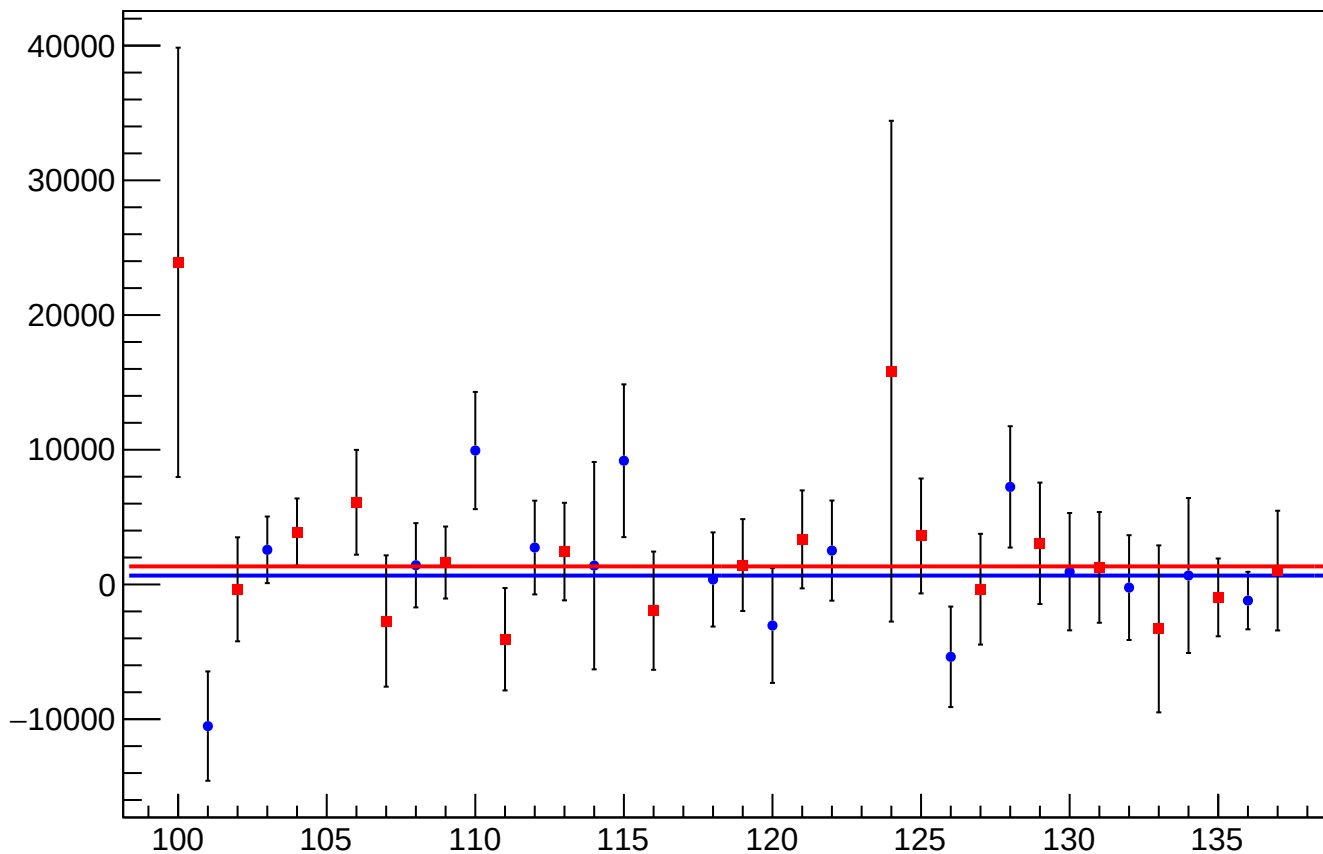
Right: 1364.632+/-0.273 χ^2/NDF : 4000599.5/34

In: 1433.492+/-0.404 χ^2/NDF : 1763397.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.632+/-0.273 χ^2/NDF : 4000599.5/34

asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 659.458+/-909.570 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1341.998+/-890.576 χ^2/NDF : 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

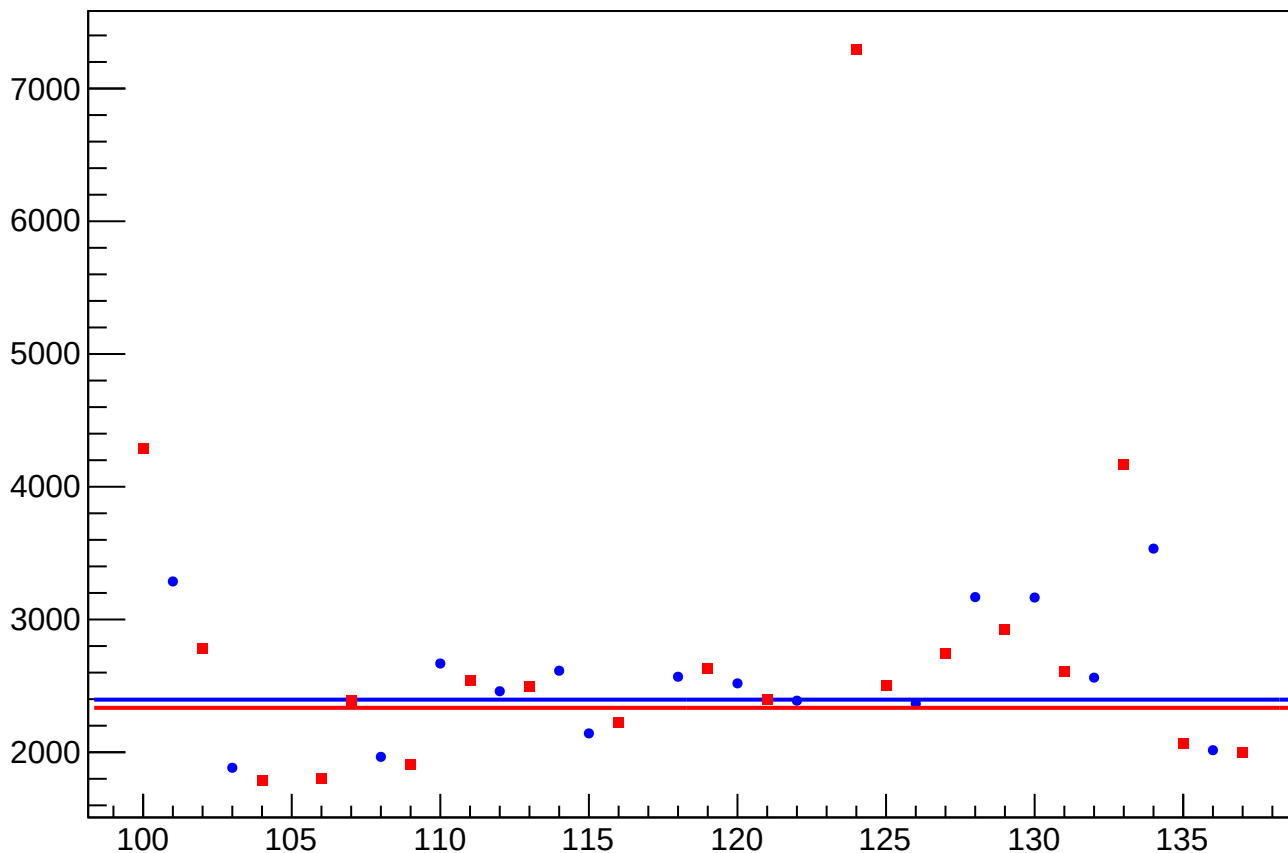
Right: 1007.929+/-636.341 χ^2/NDF : 33.1/34

In: 659.458+/-909.570 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.929+/-636.341 χ^2/NDF : 33.1/34

asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 2396.276+/-0.643 χ^2/NDF : 507897.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.592+/-0.630 χ^2/NDF : 681568.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

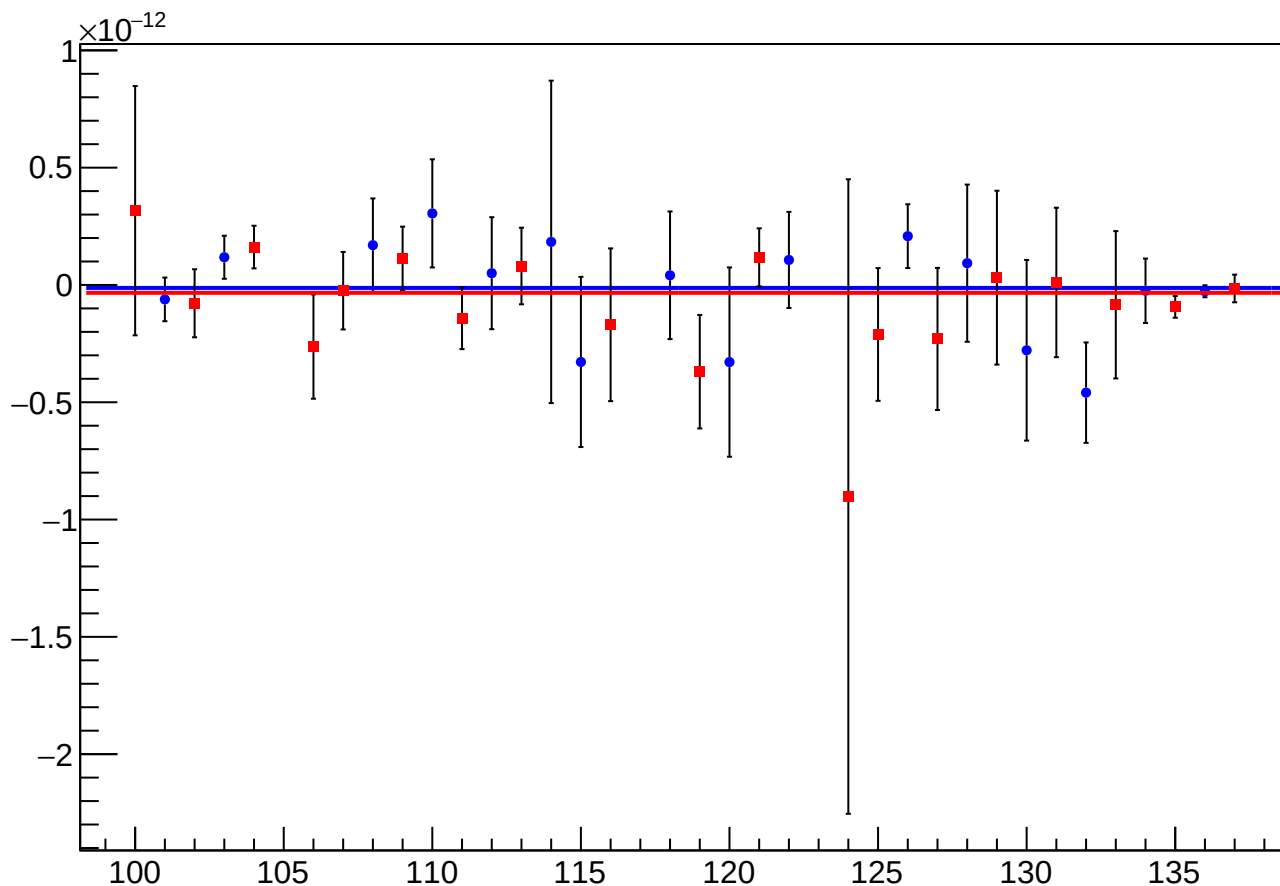
Right: 2364.783+/-0.450 χ^2/NDF : 1194162.0/34

In: 2396.276+/-0.643 χ^2/NDF : 507897.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2364.783+/-0.450 χ^2/NDF : 1194162.0/34

asym_at2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

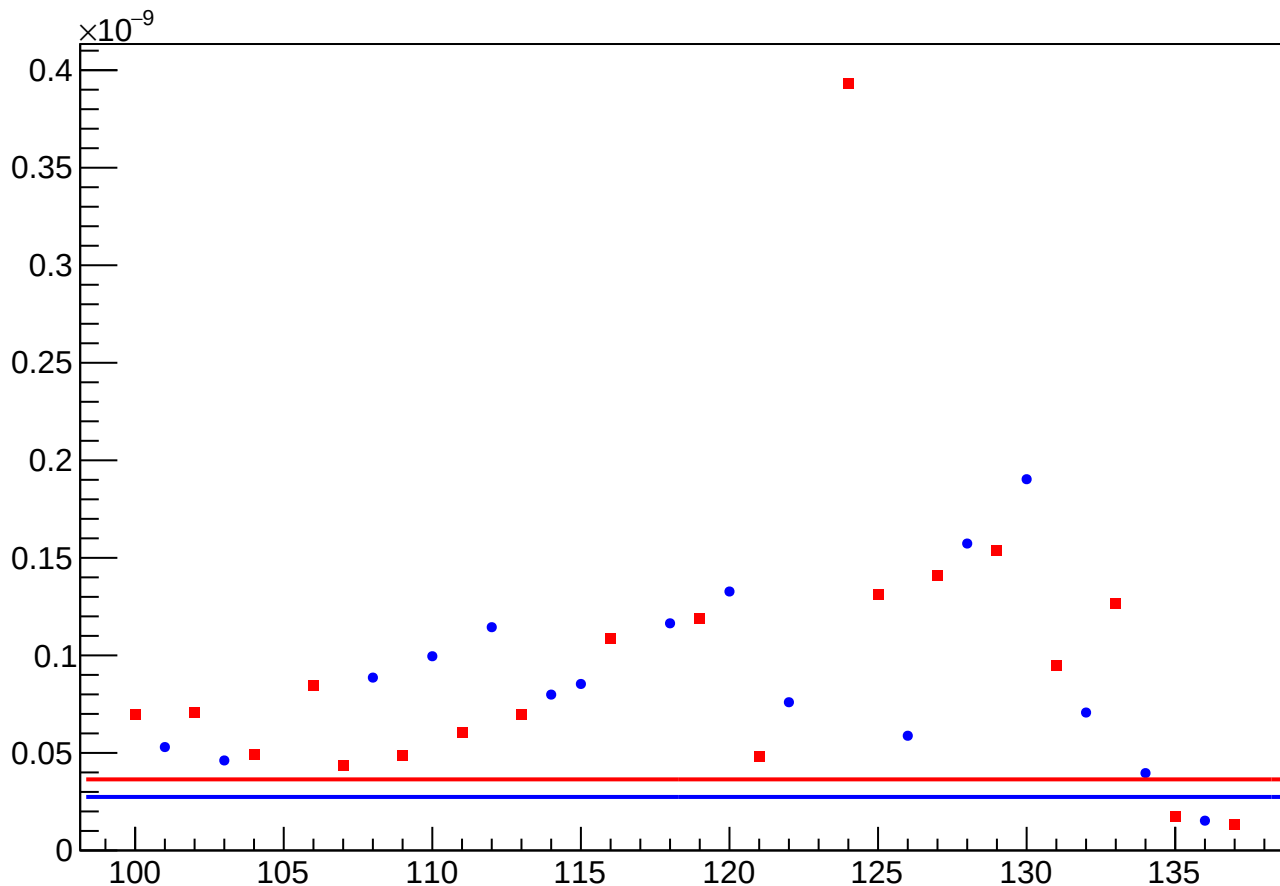
Right: -0.000+/-0.000 χ^2/NDF : 30.4/34

In: -0.000+/-0.000 χ^2/NDF :14.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.4/34

asym_at2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2728016.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2442395.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

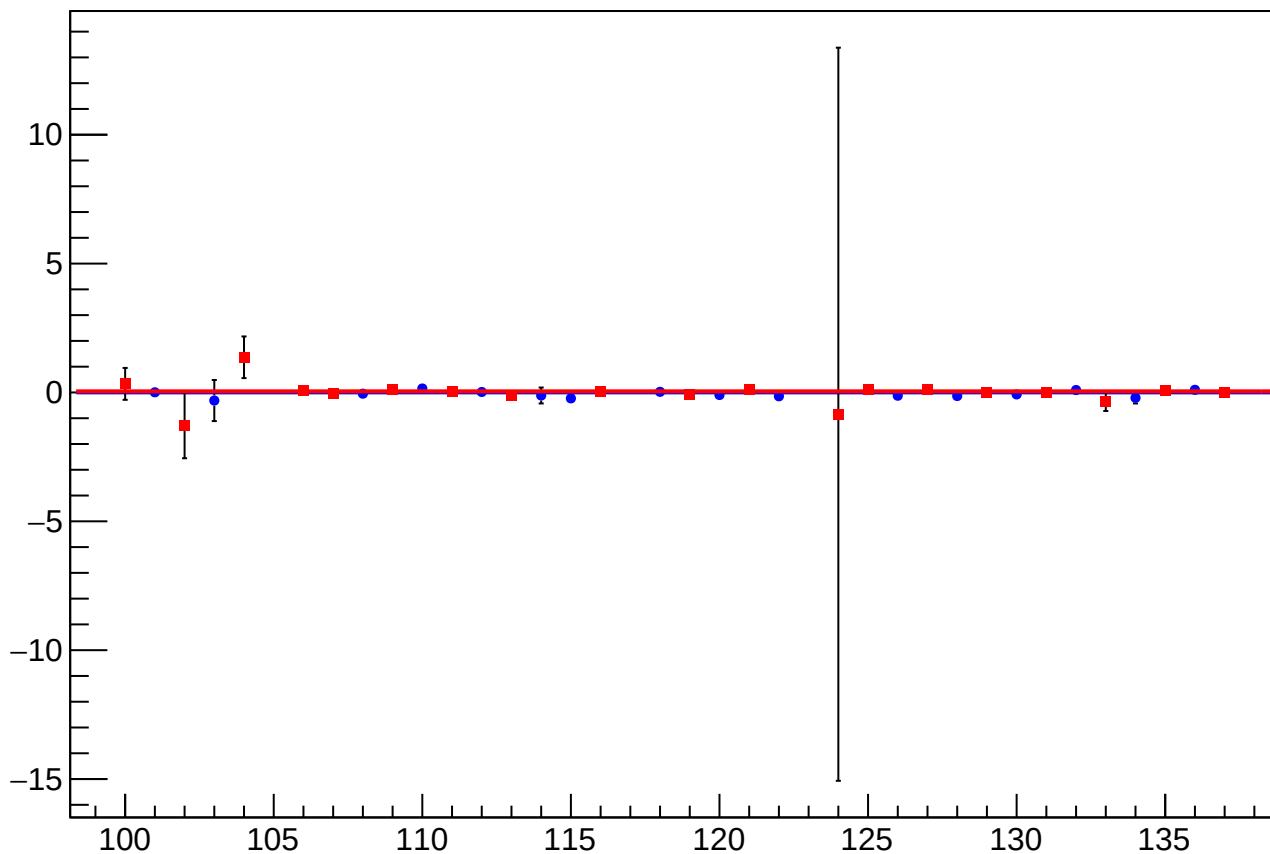
Right: 0.000+/-0.000 χ^2/NDF : 5297550.6/34

In: 0.000+/-0.000 χ^2/NDF : 2728016.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5297550.6/34

asym_at2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.027 χ^2/NDF : 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.025 χ^2/NDF : 12.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

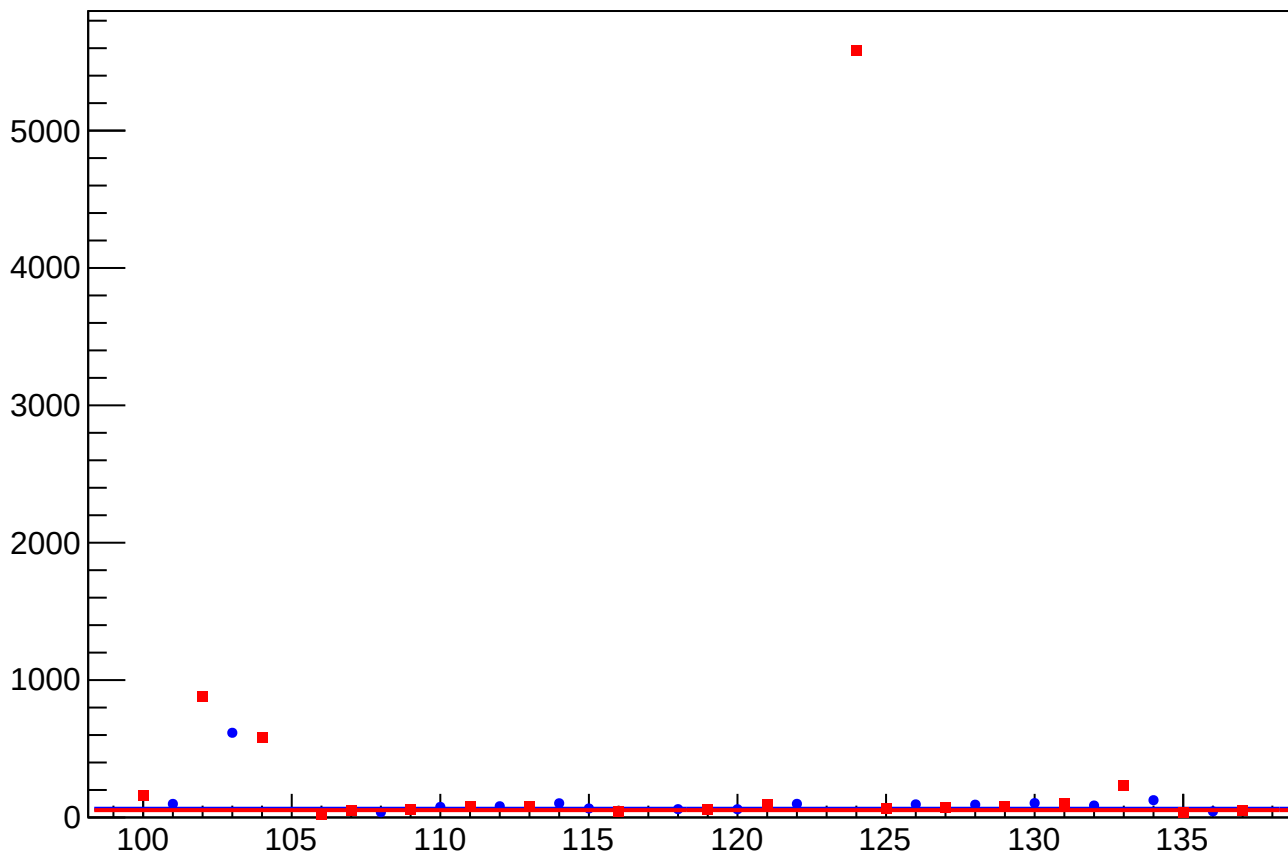
Right: 0.025+/-0.018 χ^2/NDF : 27.2/34

In: 0.003+/-0.027 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.018 χ^2/NDF : 27.2/34

asym_at2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.206+/-0.018 χ^2/NDF : 3945779.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

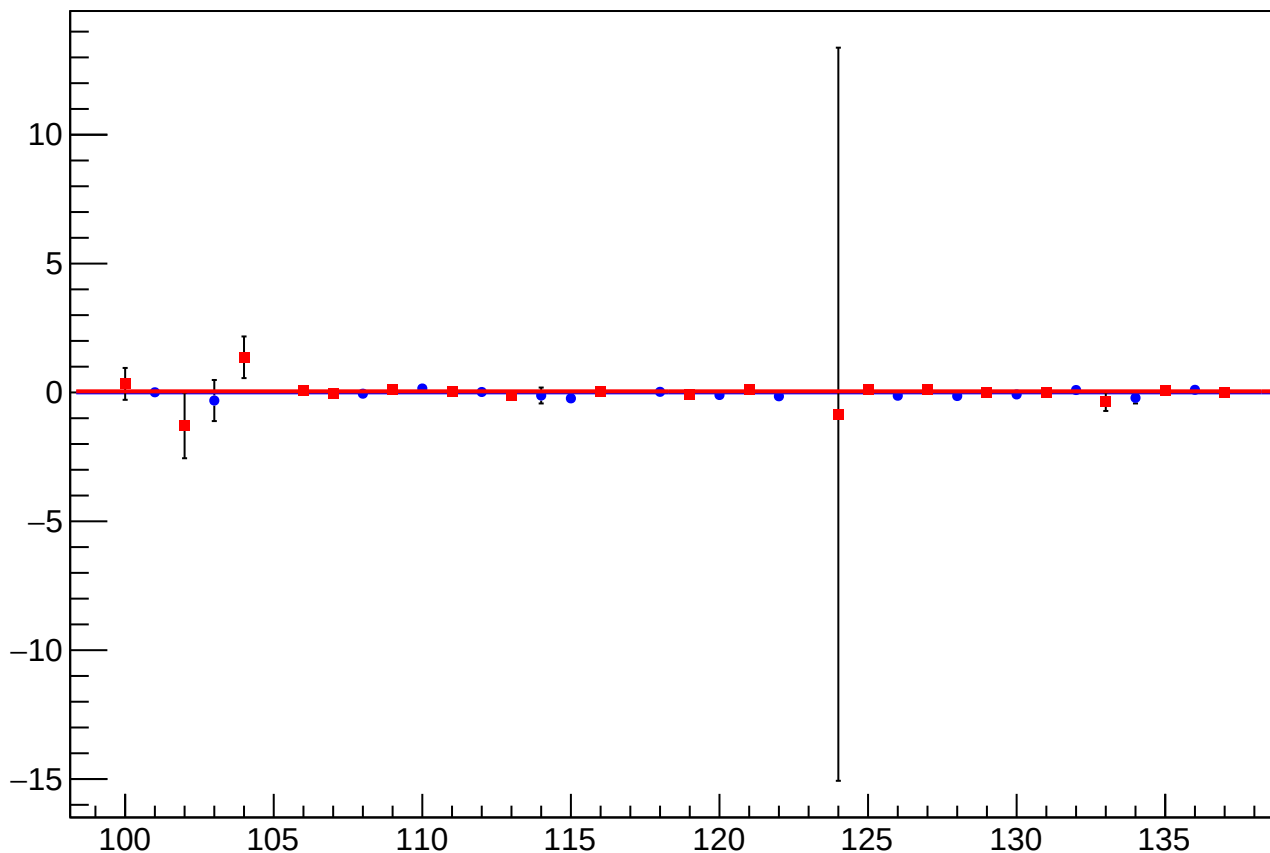
Right: 57.863+/-0.013 χ^2/NDF : 6545762.5/34

In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.863+/-0.013 χ^2/NDF : 6545762.5/34

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.027 χ^2 /NDF: 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.025 χ^2 /NDF: 12.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

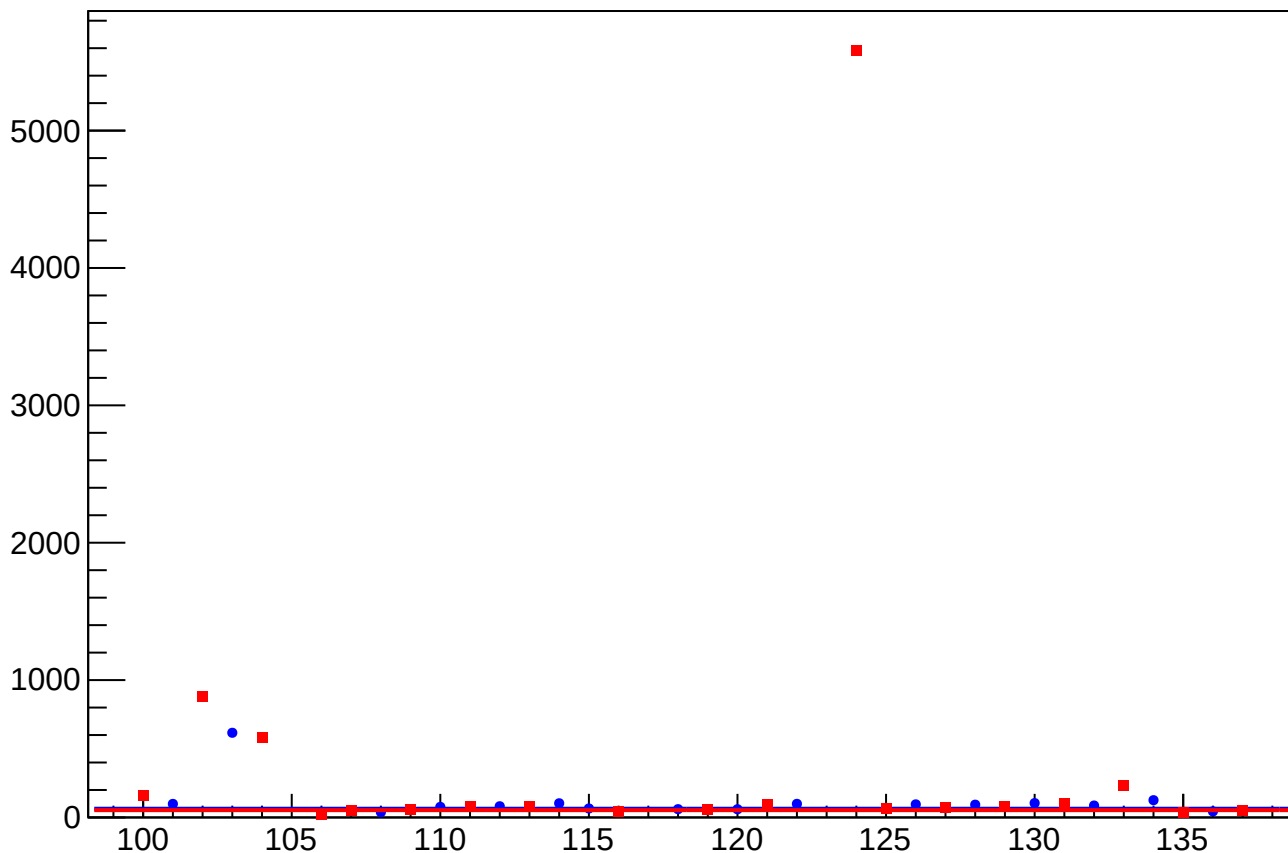
Right: 0.025 $\pm$ 0.018 χ^2 /NDF: 27.2/34

In: 0.003 $\pm$ 0.027 χ^2 /NDF:13.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.018 χ^2 /NDF: 27.2/34

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.206+/-0.018 χ^2/NDF : 3945779.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

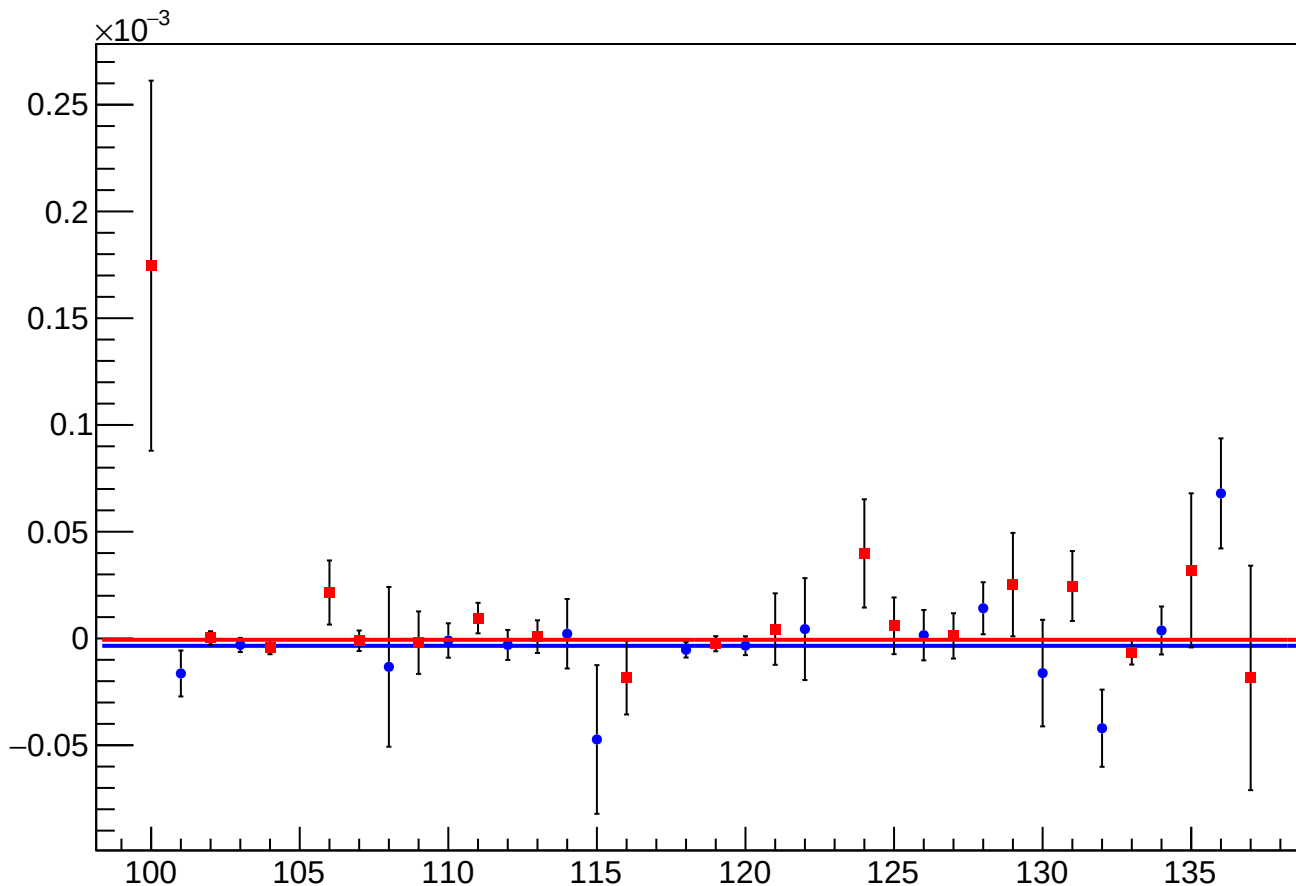
Right: 57.863+/-0.013 χ^2/NDF : 6545762.5/34

In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.863+/-0.013 χ^2/NDF : 6545762.5/34

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 18.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

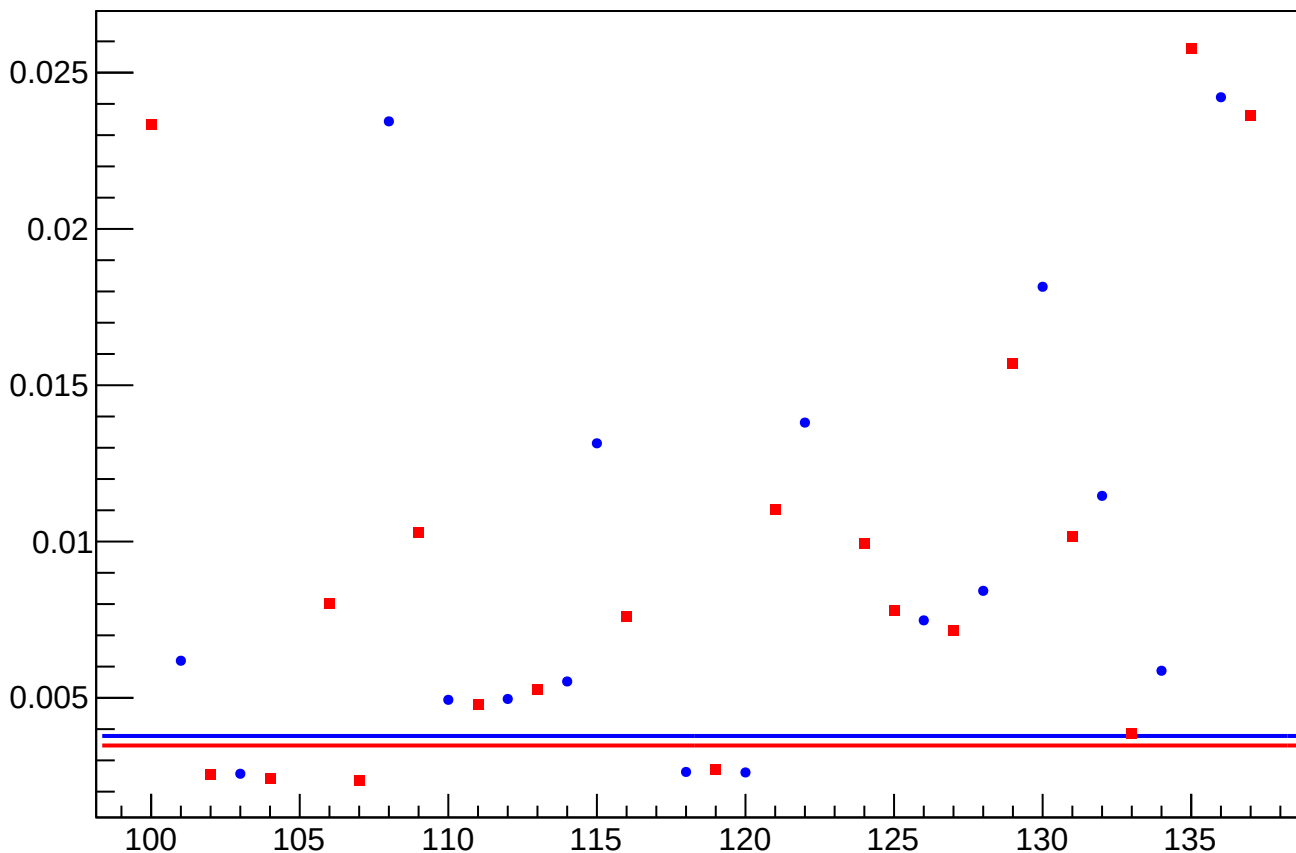
Right: -0.000+/-0.000 χ^2 /NDF: 39.5/34

In: -0.000+/-0.000 χ^2 /NDF:18.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 39.5/34

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000

χ^2/NDF : 4719536.5/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 4495340.7/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 9247440.2/34

In: 0.004+/-0.000

χ^2/NDF : 4719536.5/15

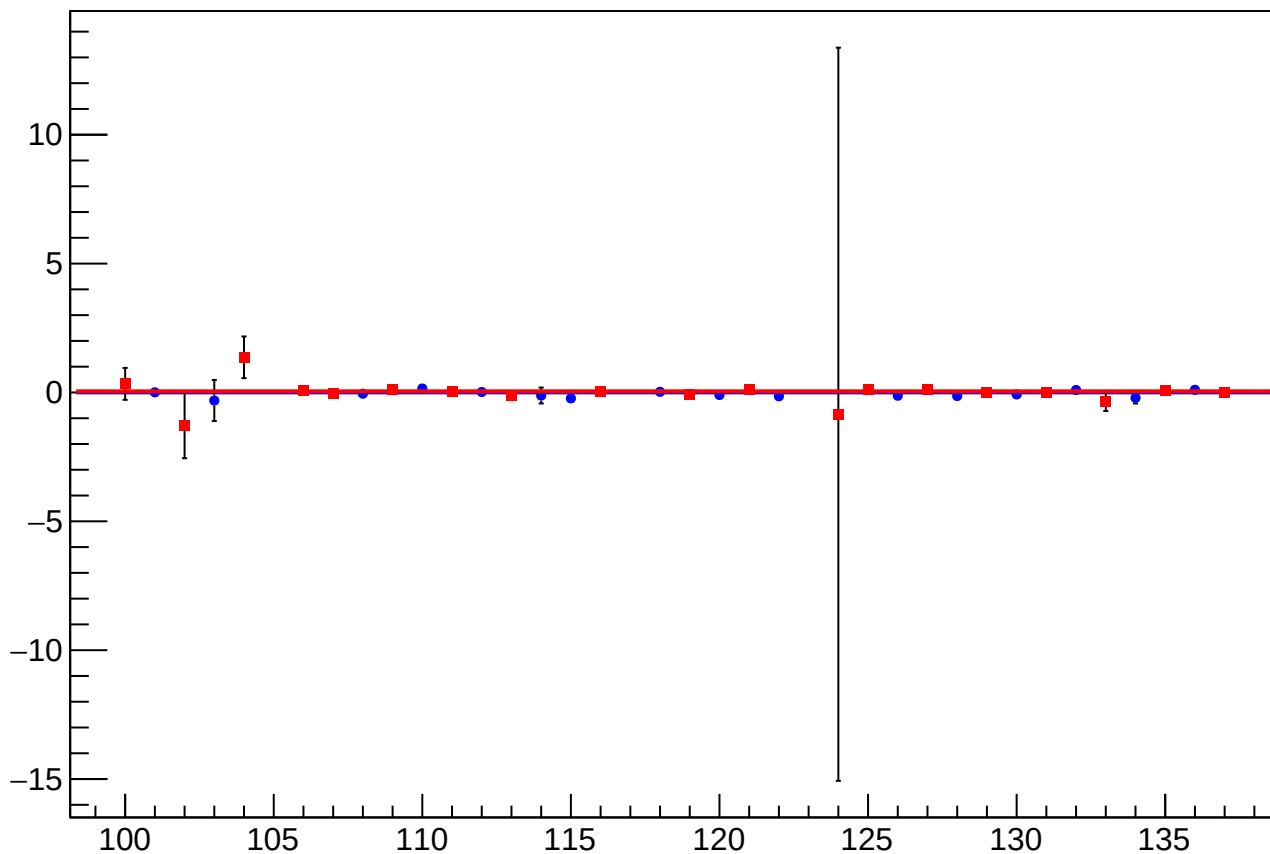
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 9247440.2/34

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.027 χ^2/NDF : 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.044+/-0.025 χ^2/NDF : 12.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

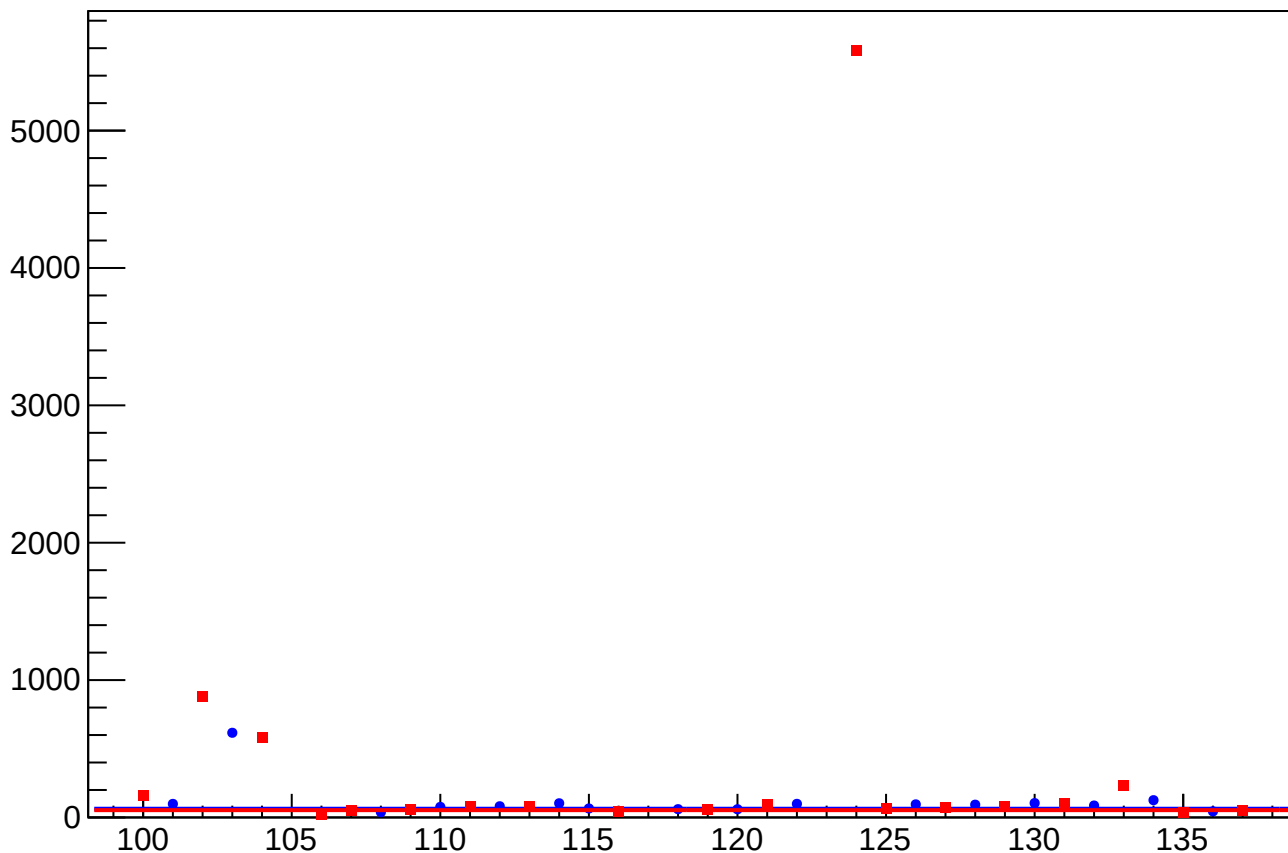
Right: 0.025+/-0.018 χ^2/NDF : 27.2/34

In: 0.003+/-0.027 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.025+/-0.018 χ^2/NDF : 27.2/34

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.463 $\pm$ 0.019 χ^2 /NDF: 2444357.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.201 $\pm$ 0.018 χ^2 /NDF: 3946328.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

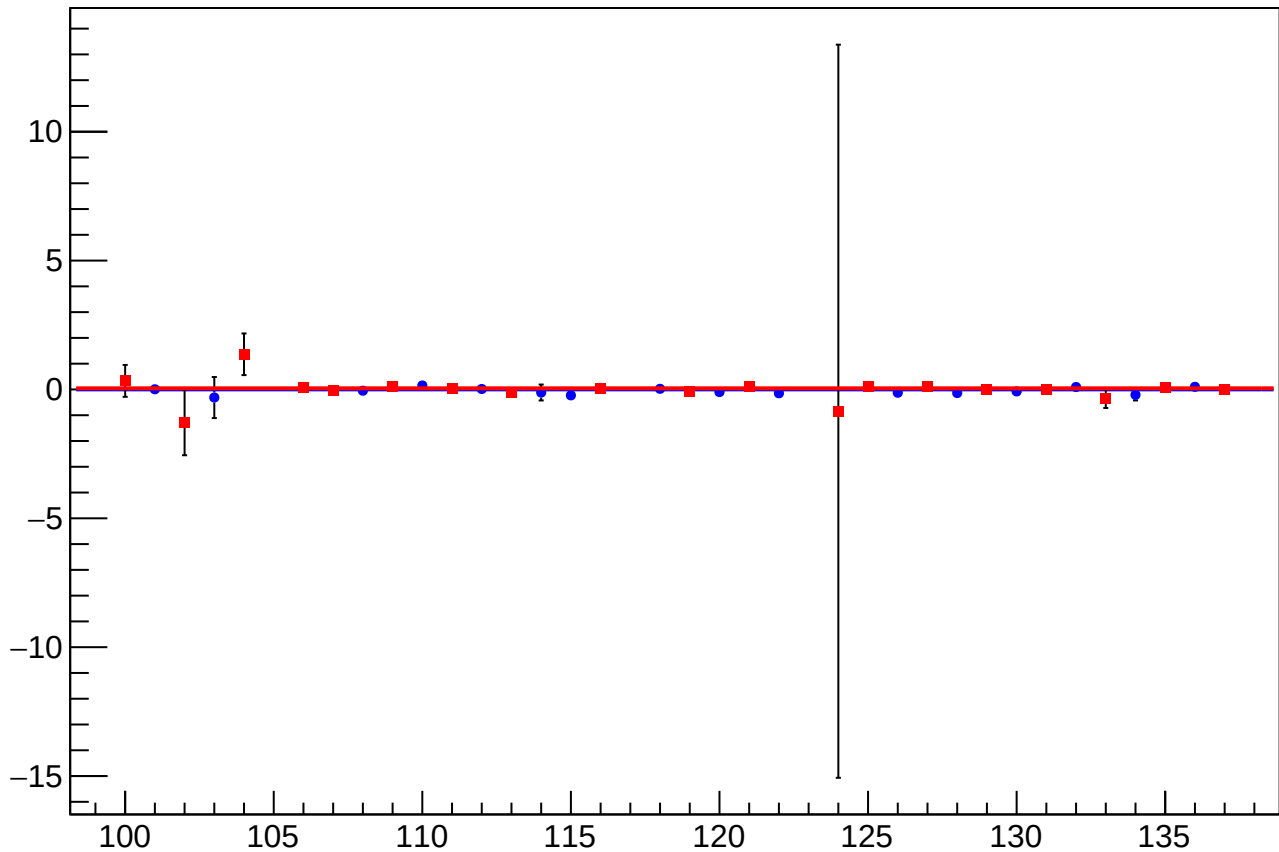
Right: 57.864 $\pm$ 0.013 χ^2 /NDF: 6545828.7/34

In: 63.463 $\pm$ 0.019 χ^2 /NDF:2444357.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.864 $\pm$ 0.013 χ^2 /NDF: 6545828.7/34

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.027 χ^2 /NDF: 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.044 $\pm$ 0.025 χ^2 /NDF: 12.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

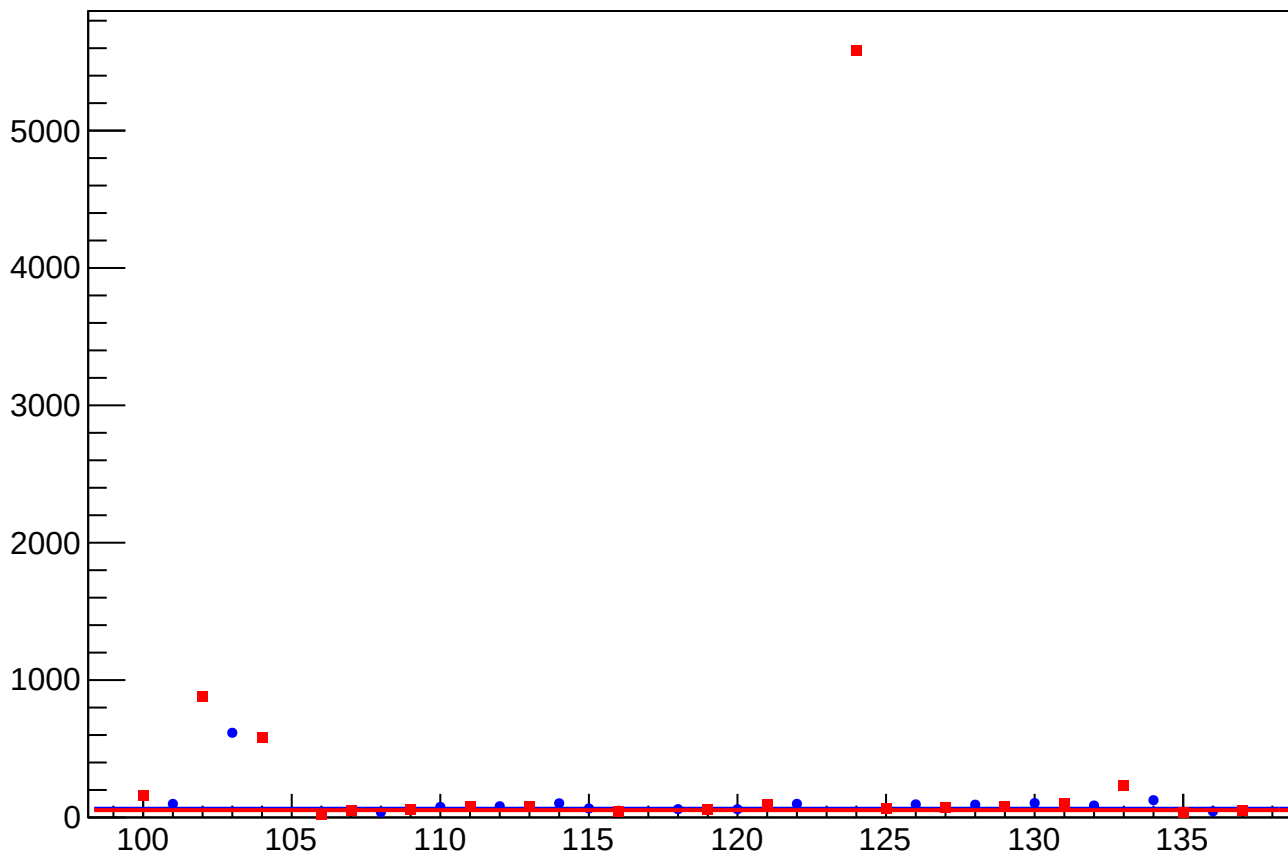
Right: 0.025 $\pm$ 0.018 χ^2 /NDF: 27.2/34

In: 0.003 $\pm$ 0.027 χ^2 /NDF:13.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.025 $\pm$ 0.018 χ^2 /NDF: 27.2/34

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 63.463+/-0.019 χ^2/NDF : 2444357.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.201+/-0.018 χ^2/NDF : 3946328.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

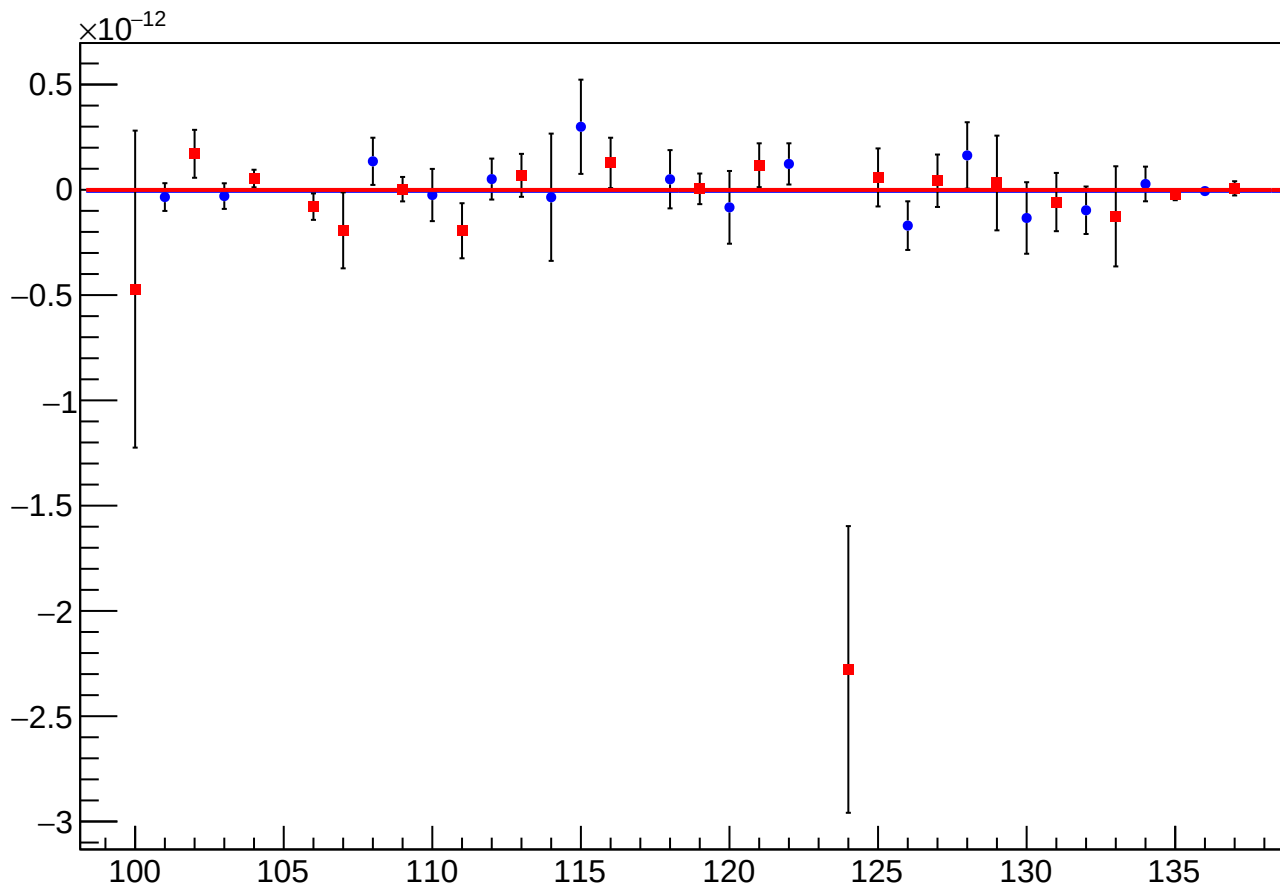
Right: 57.864+/-0.013 χ^2/NDF : 6545828.7/34

In: 63.463+/-0.019 χ^2/NDF : 2444357.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.864+/-0.013 χ^2/NDF : 6545828.7/34

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 25.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

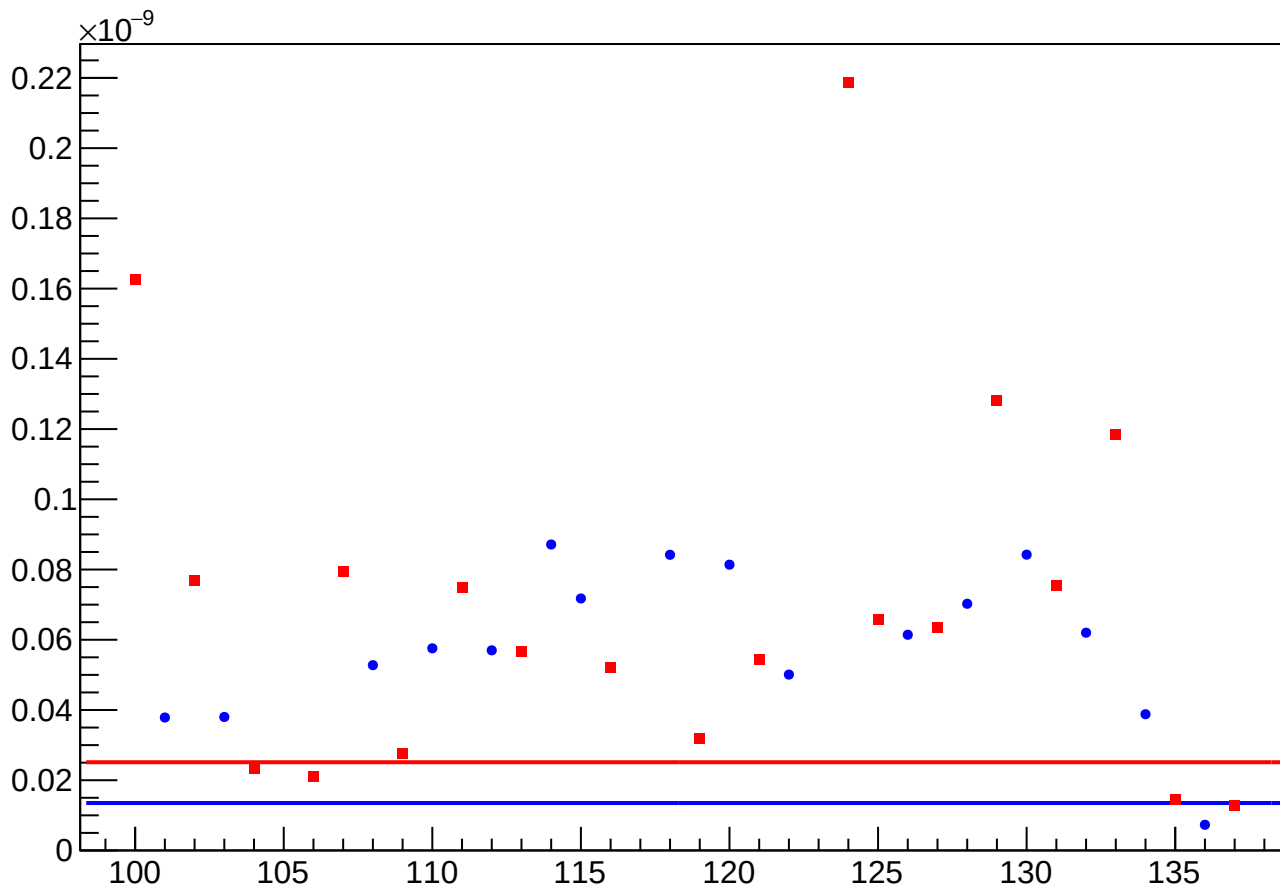
Right: -0.000+/-0.000 χ^2 /NDF: 36.0/34

In: -0.000+/-0.000 χ^2 /NDF:10.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.0/34

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4993378.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3578472.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

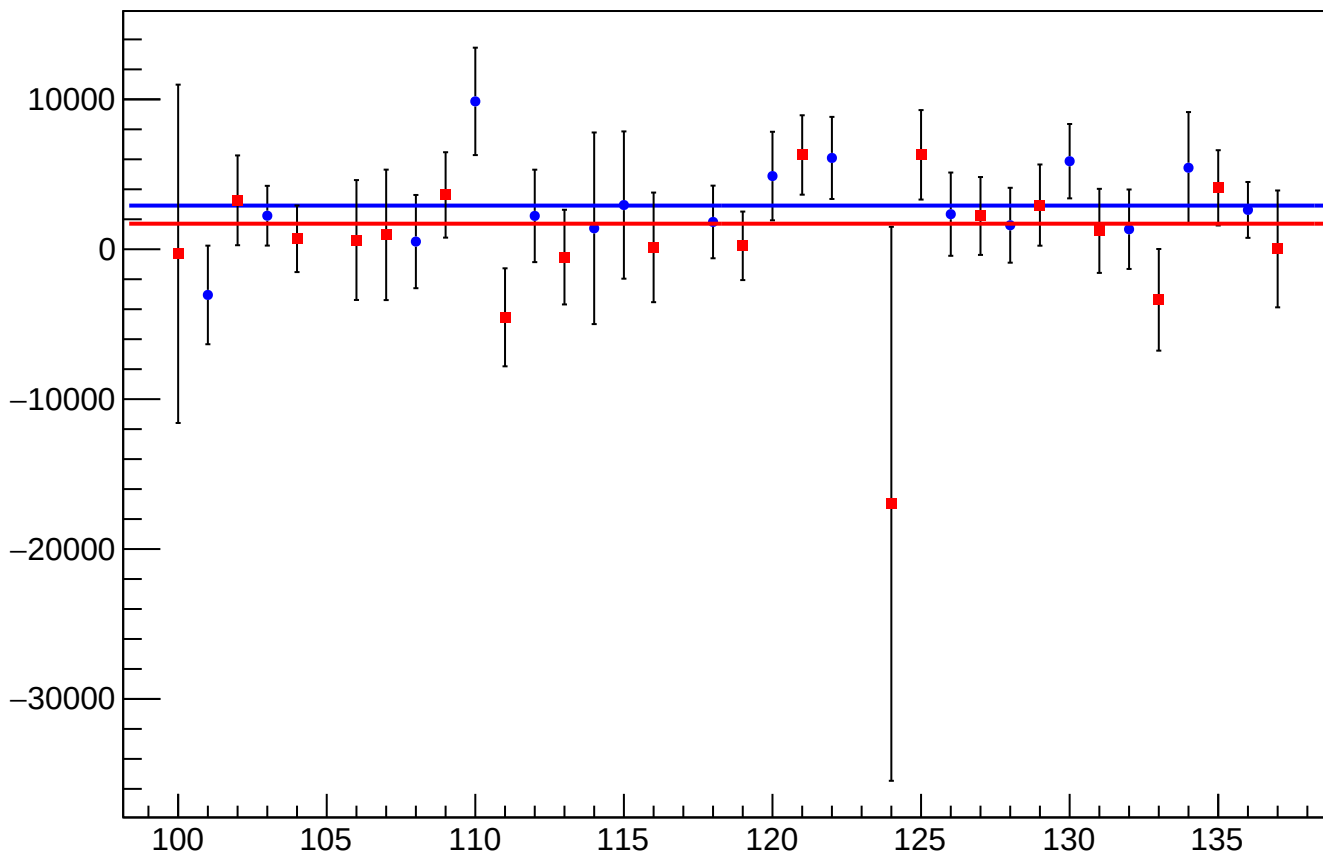
Right: 0.000+/-0.000 χ^2/NDF : 9384983.4/34

In: 0.000+/-0.000 χ^2/NDF : 4993378.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9384983.4/34

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2912.991 $\pm$ 695.062 χ^2 /NDF: 12.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1704.904 $\pm$ 706.846 χ^2 /NDF: 15.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

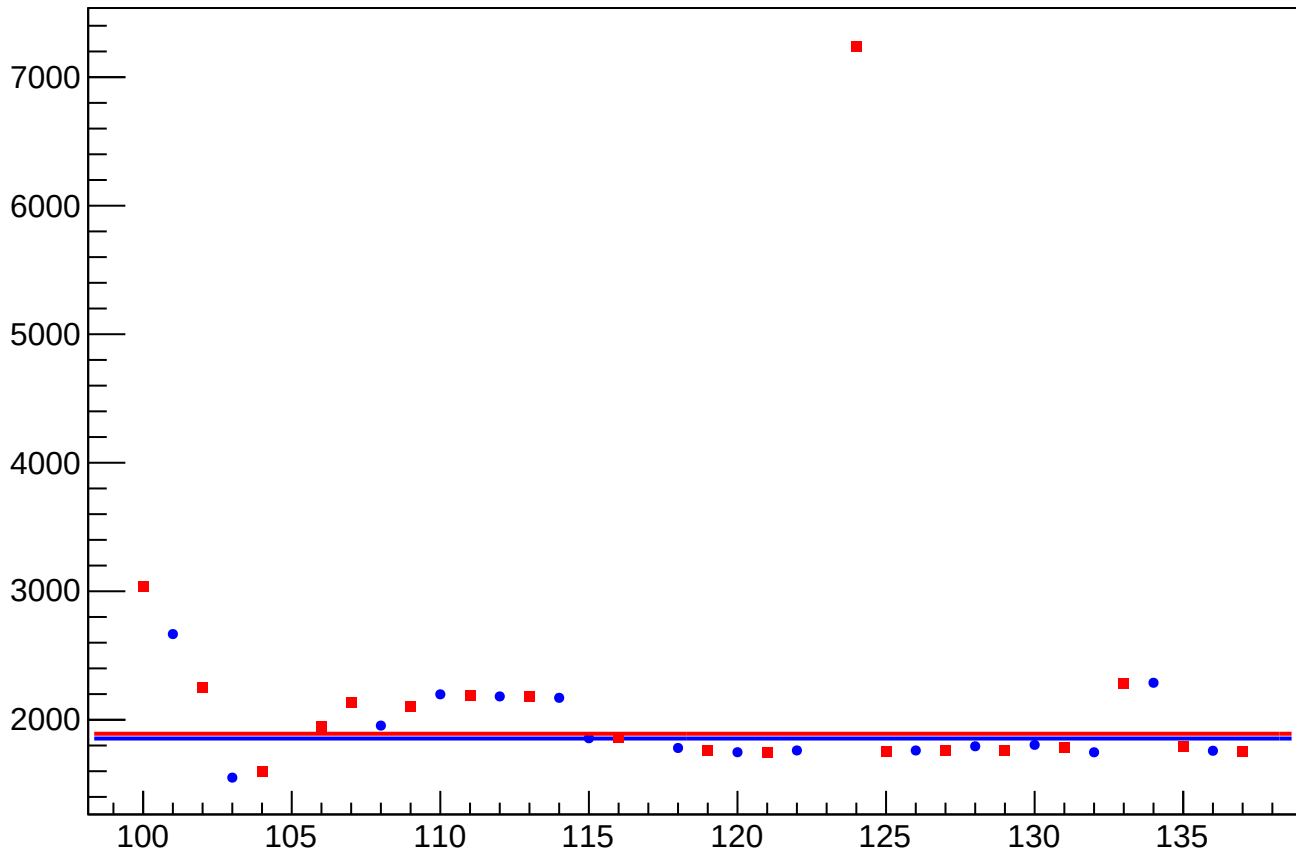
Right: 2319.102 $\pm$ 495.597 χ^2 /NDF: 29.8/34

In: 2912.991 $\pm$ 695.062 χ^2 /NDF:12.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2319.102 $\pm$ 495.597 χ^2 /NDF: 29.8/34

reg_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1854.314+/-0.491 χ^2/NDF : 263322.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.469+/-0.499 χ^2/NDF : 364050.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

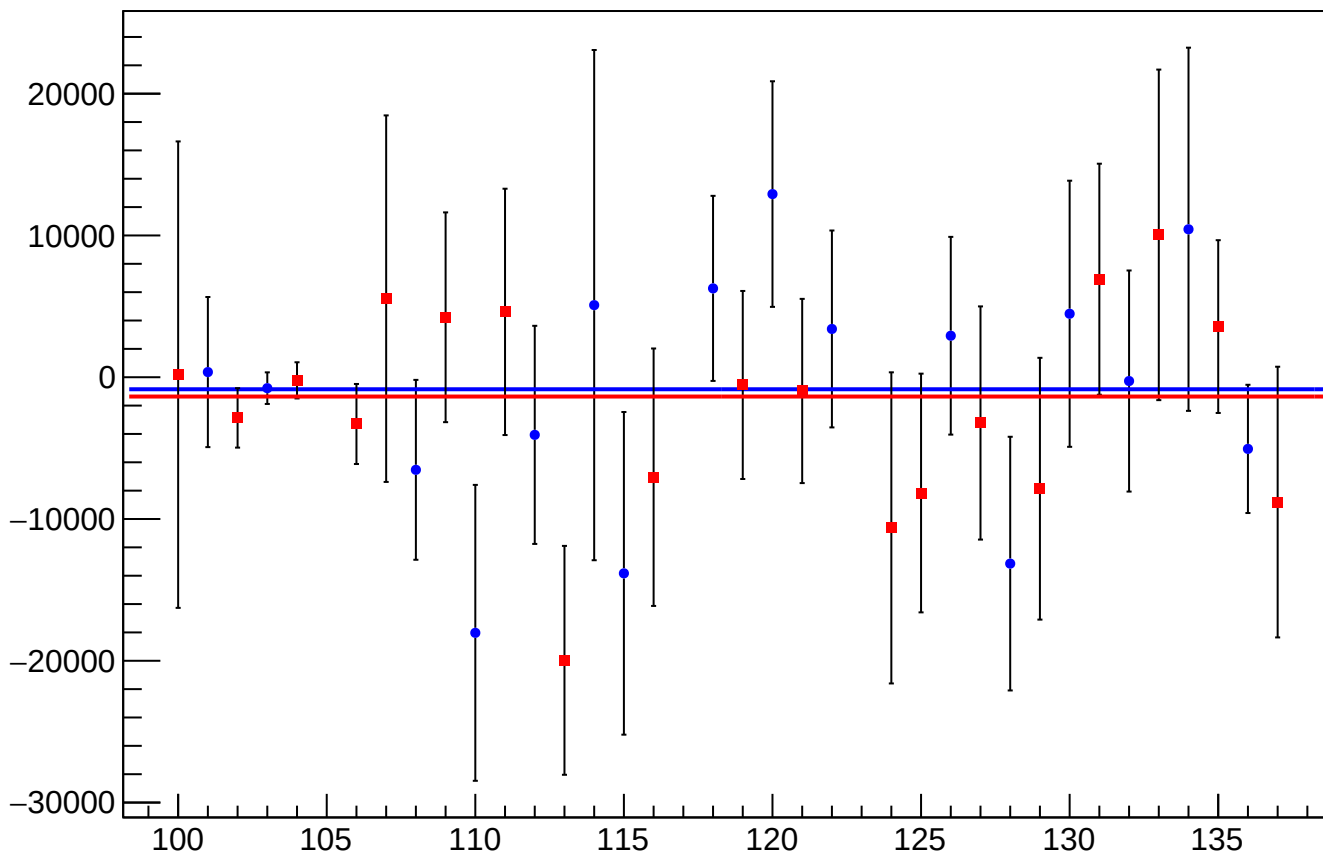
Right: 1872.622+/-0.350 χ^2/NDF : 630189.4/34

In: 1854.314+/-0.491 χ^2/NDF : 263322.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.622+/-0.350 χ^2/NDF : 630189.4/34

asym_atl1r2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -847.977 ± 962.920 χ^2/NDF : 13.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1361.523 ± 915.925 χ^2/NDF : 14.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

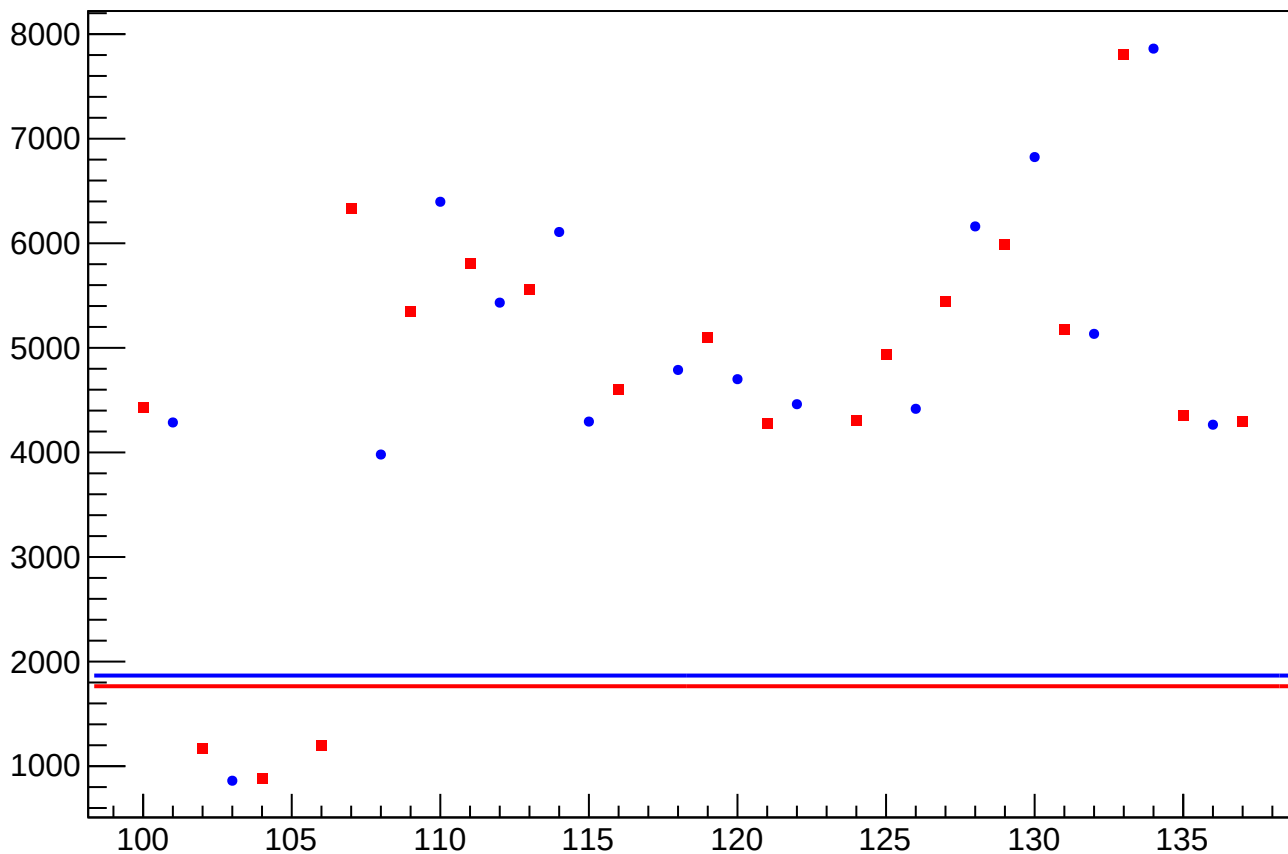
Right: -1117.587 ± 663.649 χ^2/NDF : 28.0/34

In: -847.977 ± 962.920 χ^2/NDF : 13.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1117.587 ± 663.649 χ^2/NDF : 28.0/34

asym_atl1r2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1866.405+/-0.681 χ^2/NDF : 6849638.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1764.281+/-0.648 χ^2/NDF : 6434807.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

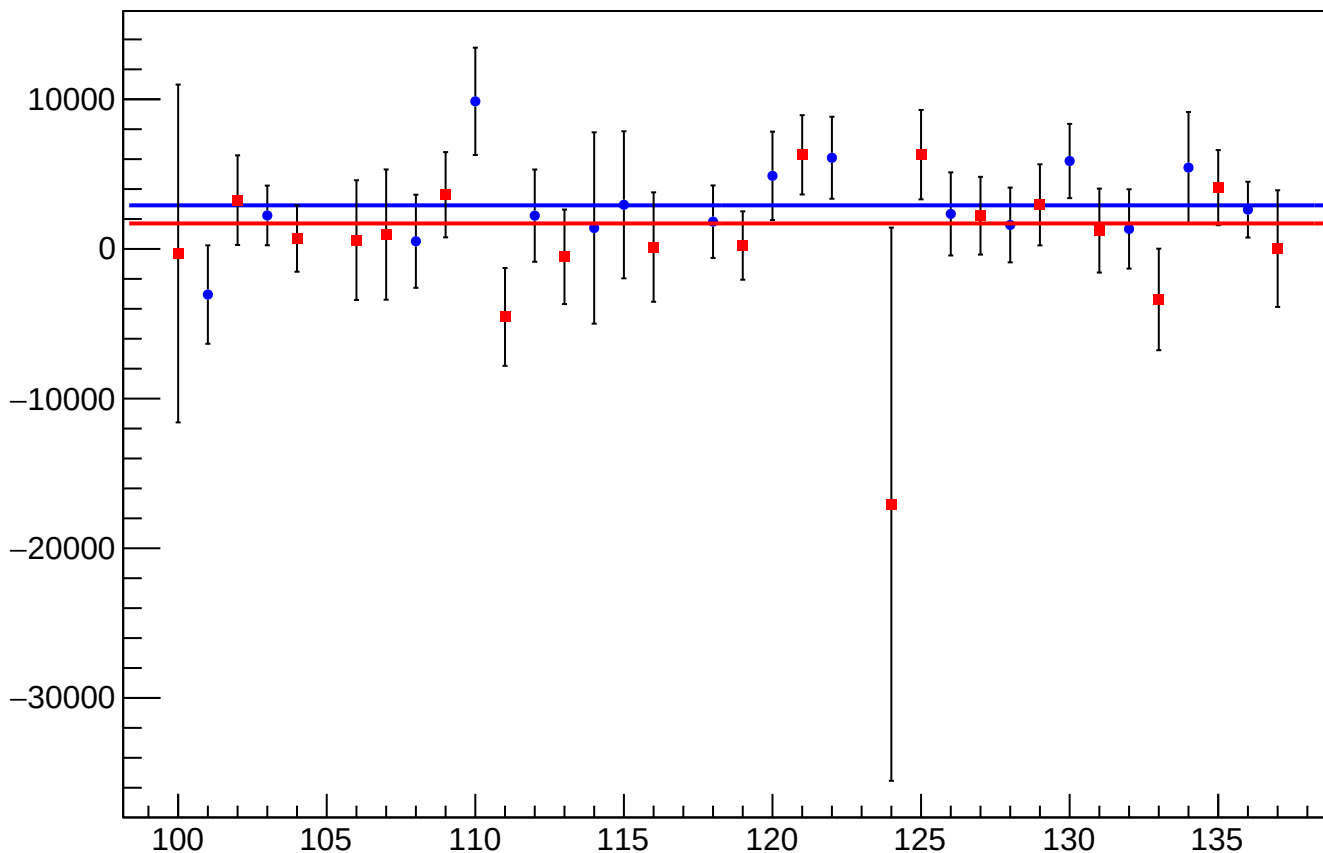
Right: 1812.790+/-0.469 χ^2/NDF : 13296256.2/34

In: 1866.405+/-0.681 χ^2/NDF : 6849638.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1812.790+/-0.469 χ^2/NDF : 13296256.2/34

cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2913.091+/-695.062 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.523+/-706.847 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

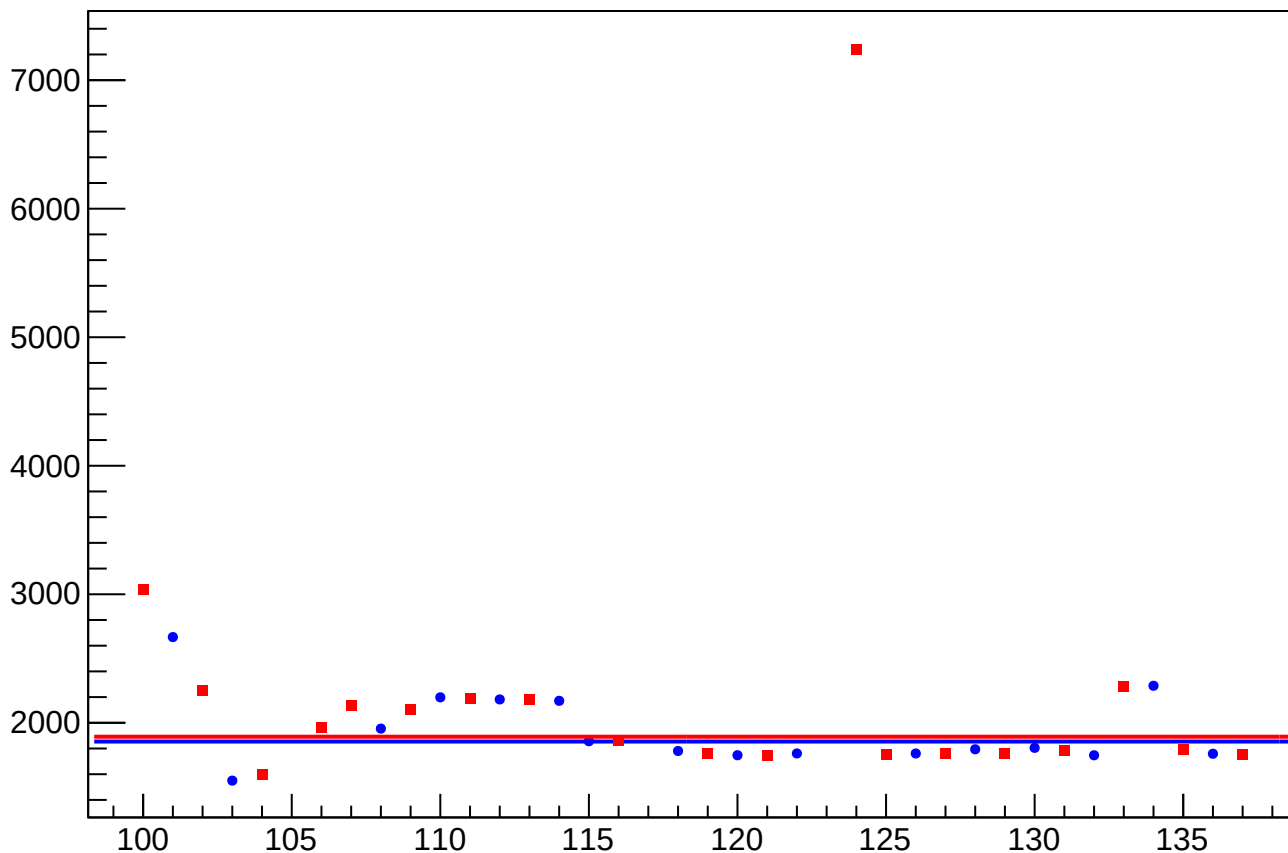
Right: 2318.475+/-495.597 χ^2/NDF : 29.8/34

In: 2913.091+/-695.062 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.475+/-495.597 χ^2/NDF : 29.8/34

cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.927+/-0.499 χ^2/NDF : 364292.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

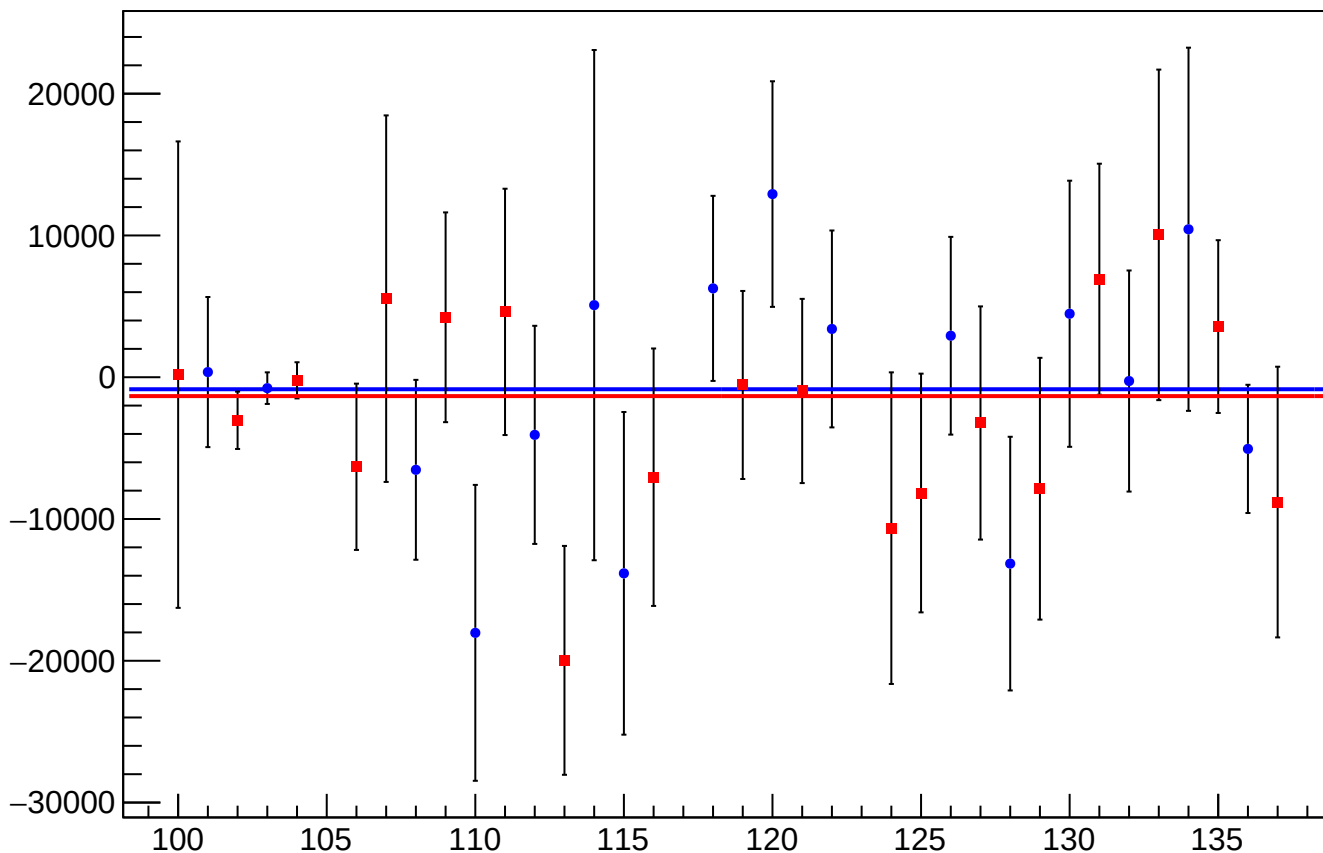
Right: 1872.844+/-0.350 χ^2/NDF : 630500.1/34

In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.844+/-0.350 χ^2/NDF : 630500.1/34

asym_atl1r2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1331.371+/-948.163 χ^2/NDF : 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

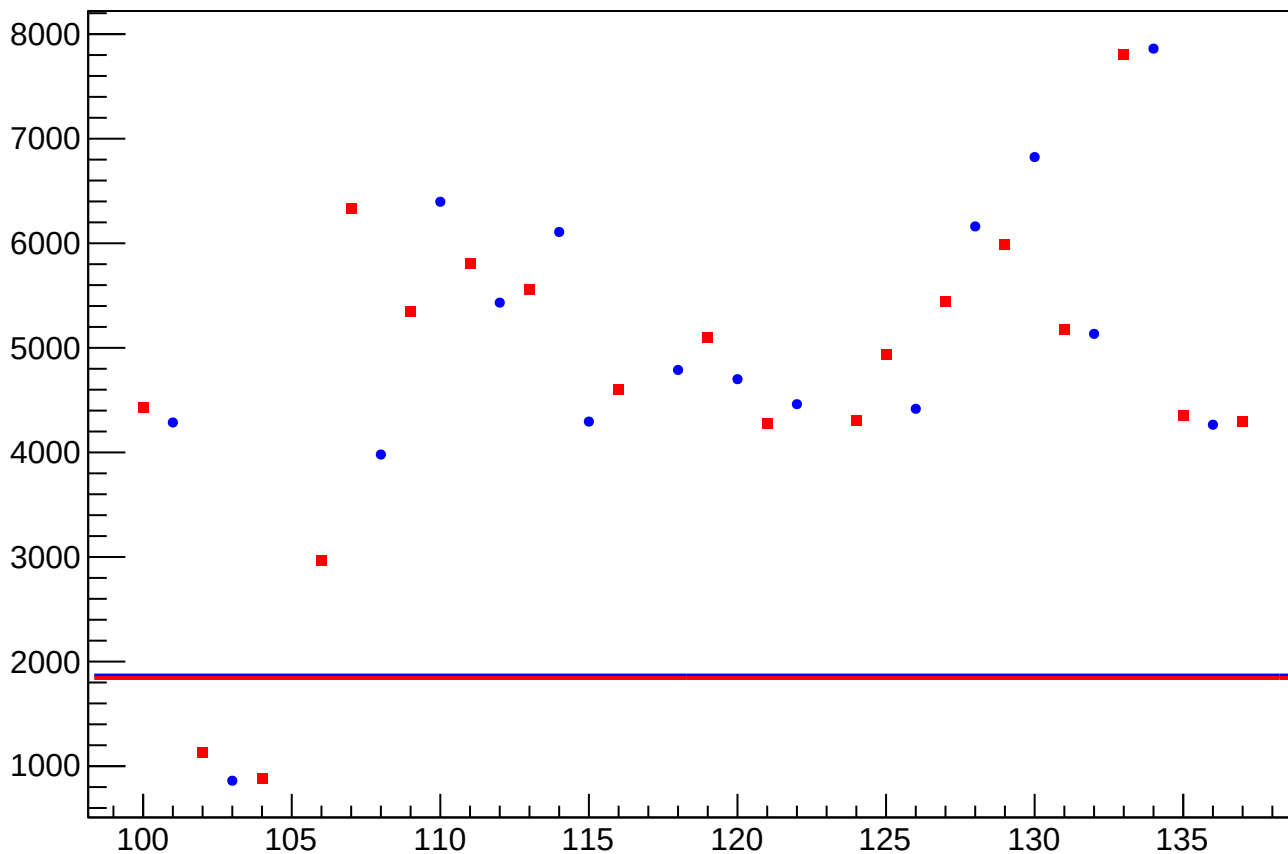
Right: -1093.160+/-675.591 χ^2/NDF : 28.4/34

In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1093.160+/-675.591 χ^2/NDF : 28.4/34

asym_atl1r2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1866.251+/-0.681 χ^2/NDF : 6850061.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1842.882+/-0.670 χ^2/NDF : 6458456.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

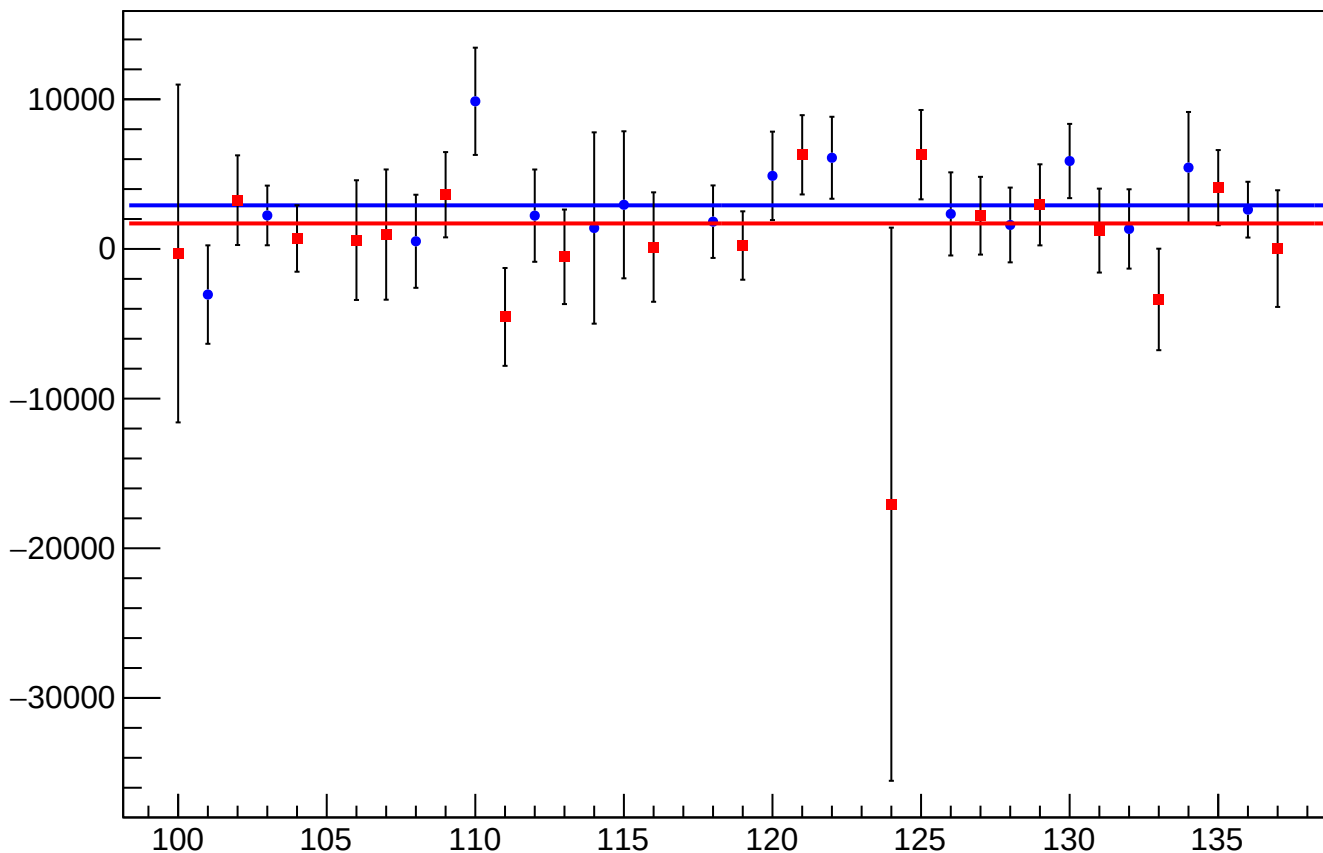
Right: 1854.387+/-0.478 χ^2/NDF : 13309116.0/34

In: 1866.251+/-0.681 χ^2/NDF :6850061.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1854.387+/-0.478 χ^2/NDF : 13309116.0/34

eigen_cor_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2913.091+/-695.062 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1703.523+/-706.847 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

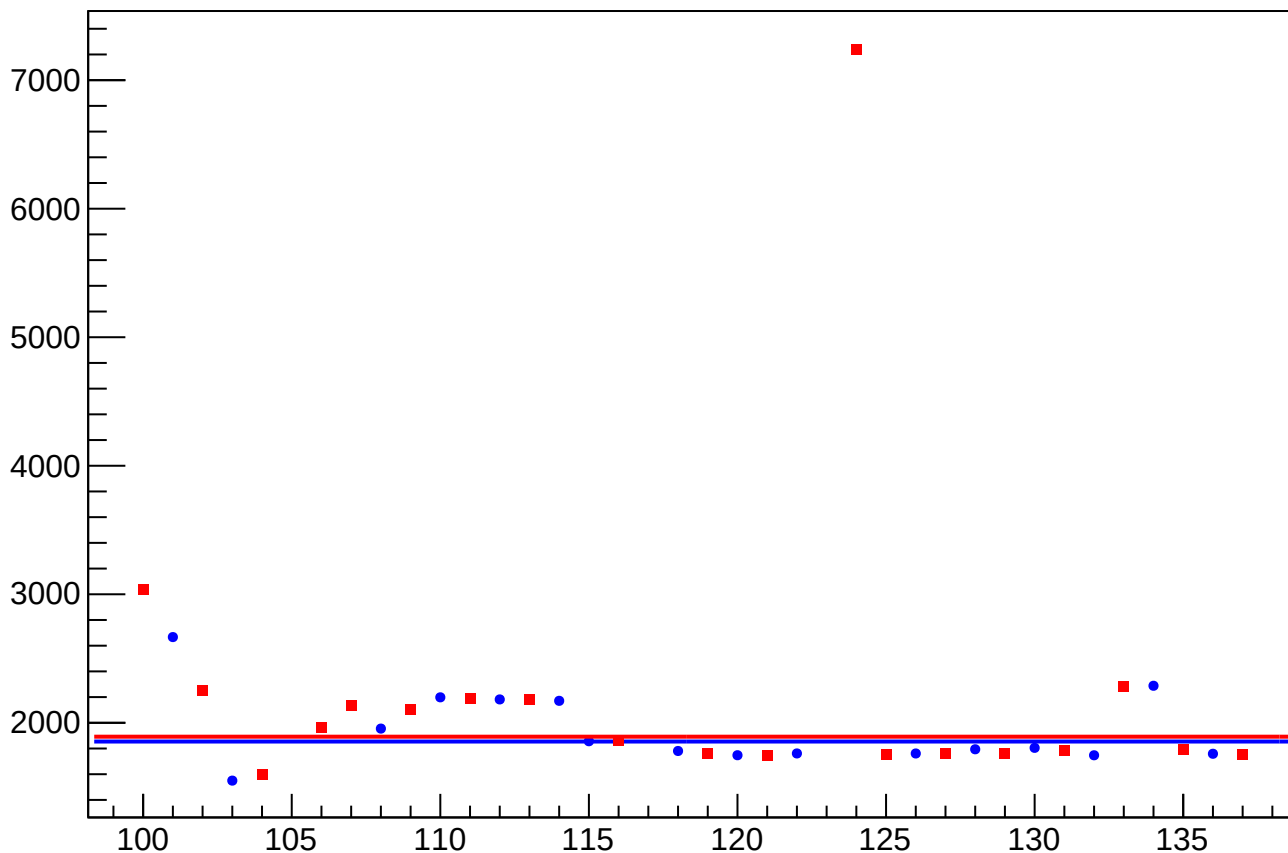
Right: 2318.475+/-495.597 χ^2/NDF : 29.8/34

In: 2913.091+/-695.062 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.475+/-495.597 χ^2/NDF : 29.8/34

eigen_cor_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1891.927+/-0.499 χ^2/NDF : 364292.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

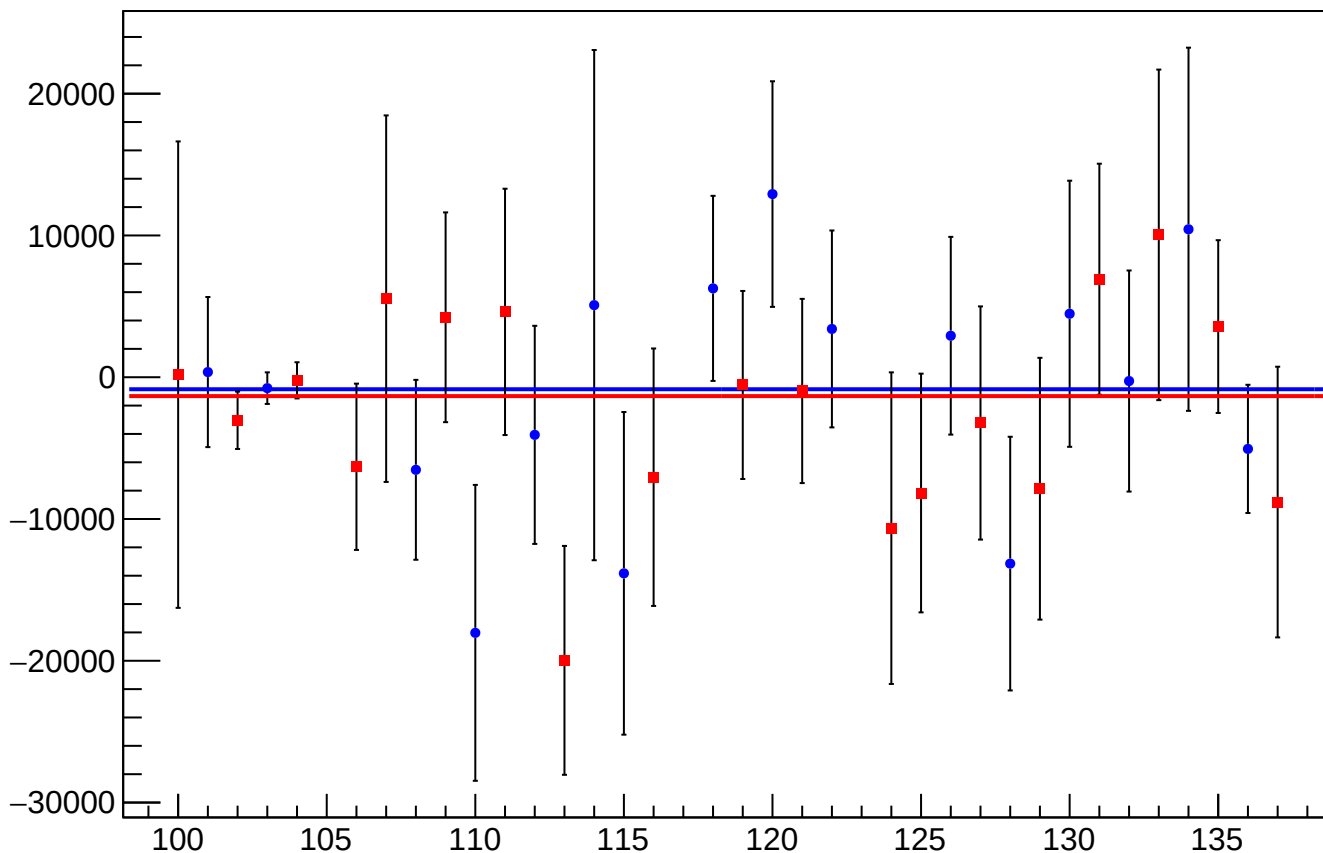
Right: 1872.844+/-0.350 χ^2/NDF : 630500.1/34

In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.844+/-0.350 χ^2/NDF : 630500.1/34

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1331.371+/-948.163 χ^2/NDF : 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

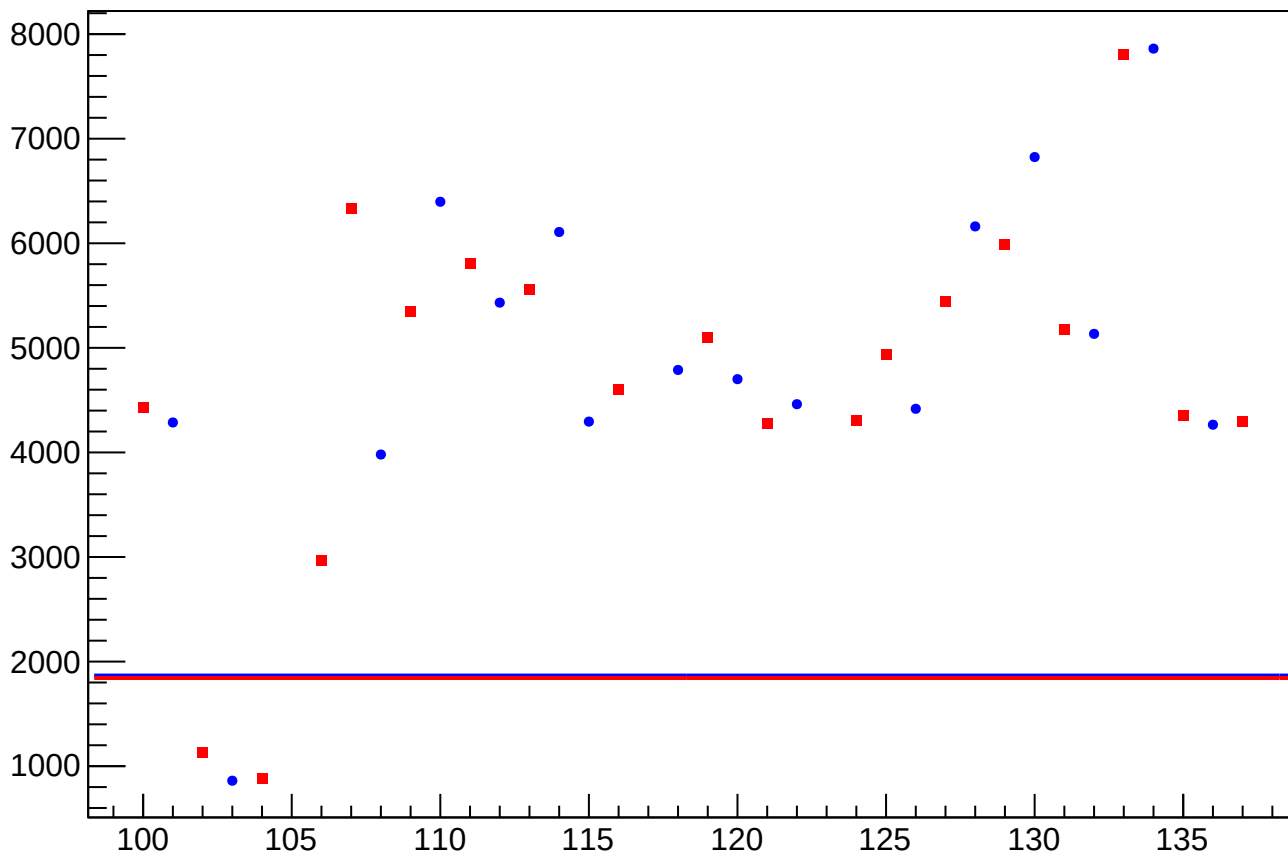
Right: -1093.160+/-675.591 χ^2/NDF : 28.4/34

In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1093.160+/-675.591 χ^2/NDF : 28.4/34

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1866.251+/-0.681 χ^2/NDF : 6850061.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1842.882+/-0.670 χ^2/NDF : 6458456.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

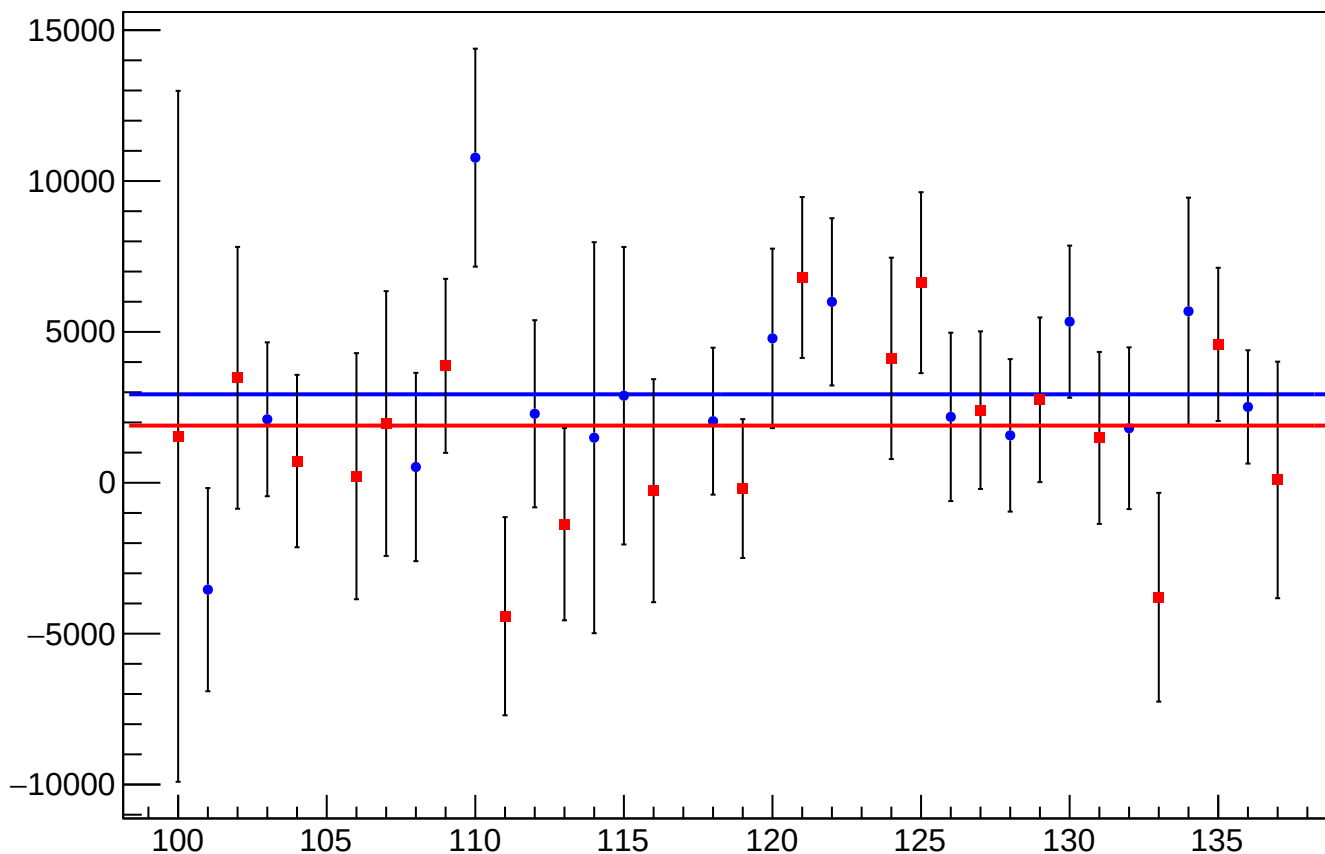
Right: 1854.387+/-0.478 χ^2/NDF : 13309116.0/34

In: 1866.251+/-0.681 χ^2/NDF : 6850061.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1854.387+/-0.478 χ^2/NDF : 13309116.0/34

dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2931.691+/-718.305 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.503+/-721.954 χ^2/NDF : 17.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

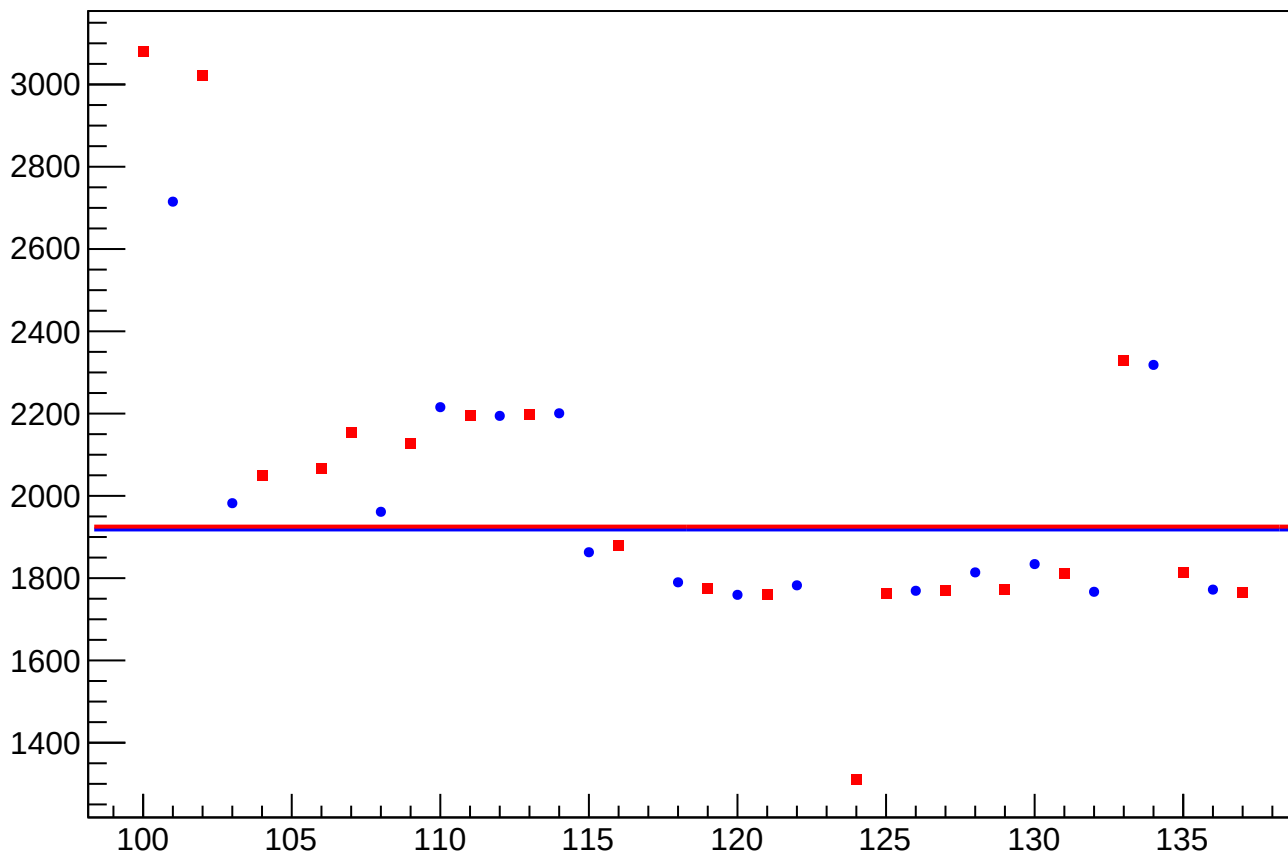
Right: 2416.221+/-509.204 χ^2/NDF : 31.4/34

In: 2931.691+/-718.305 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.221+/-509.204 χ^2/NDF : 31.4/34

dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1925.260+/-0.510 χ^2/NDF : 339095.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

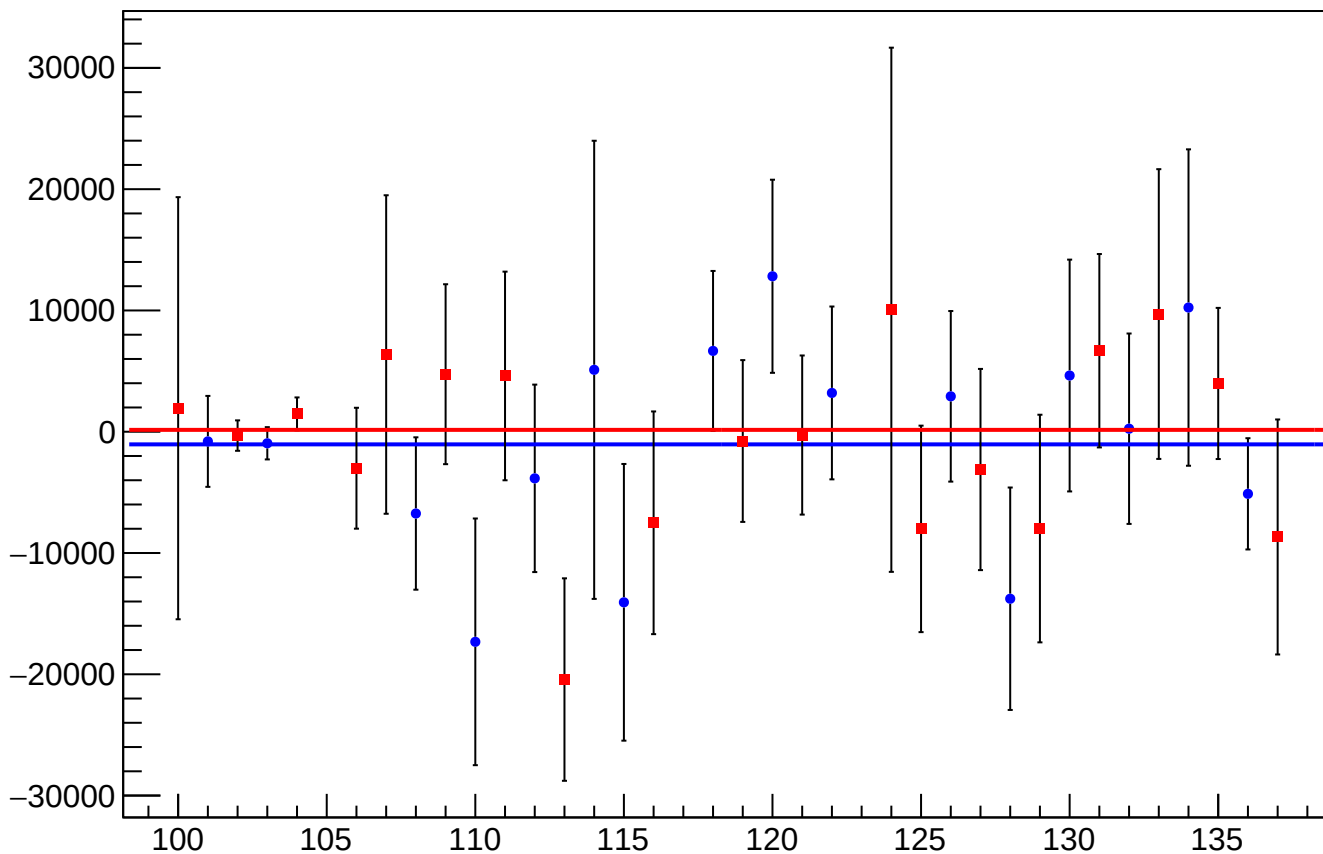
Right: 1921.799+/-0.360 χ^2/NDF : 554779.7/34

In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.799+/-0.360 χ^2/NDF : 554779.7/34

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1041.908 $\pm$ 1072.406 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.619 $\pm$ 835.656 χ^2 /NDF: 13.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

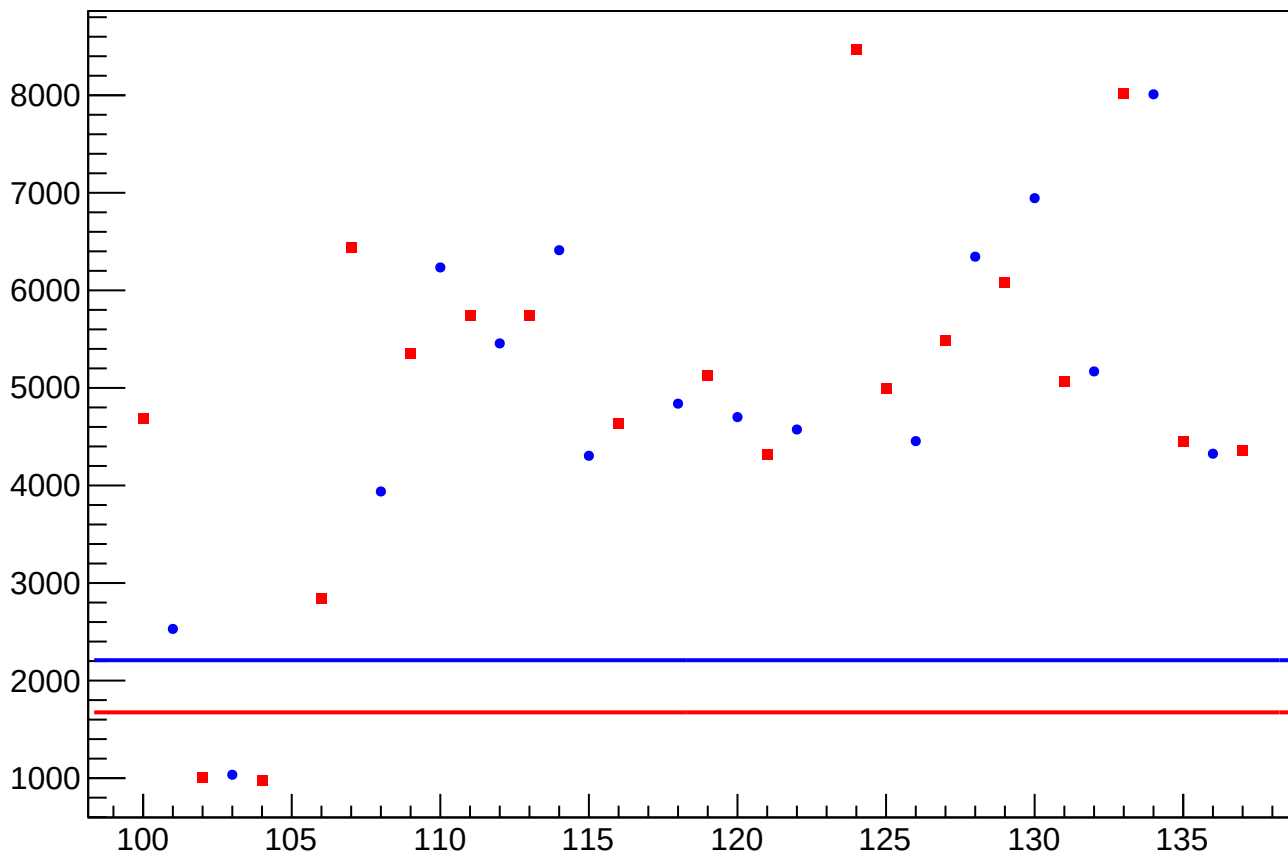
Right: -298.053 $\pm$ 659.161 χ^2 /NDF: 28.3/34

In: -1041.908 $\pm$ 1072.406 χ^2 /NDF: 13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -298.053 $\pm$ 659.161 χ^2 /NDF: 28.3/34

asym_atl1r2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2208.912+/-0.758 χ^2/NDF : 5499011.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1674.162+/-0.591 χ^2/NDF : 6853212.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

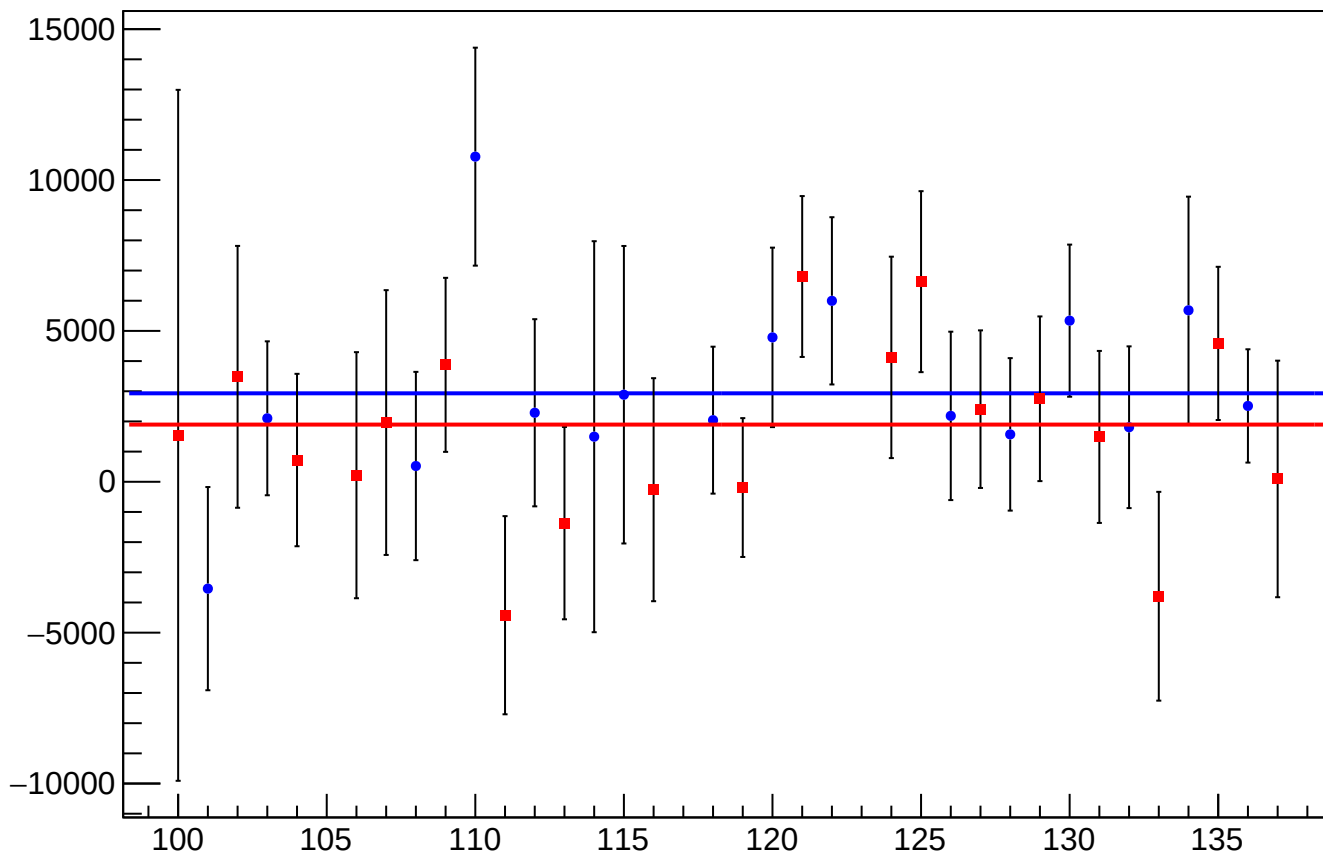
Right: 1876.192+/-0.466 χ^2/NDF : 12661639.3/34

In: 2208.912+/-0.758 χ^2/NDF :5499011.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1876.192+/-0.466 χ^2/NDF : 12661639.3/34

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2931.693+/-718.305 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.508+/-721.953 χ^2/NDF : 17.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

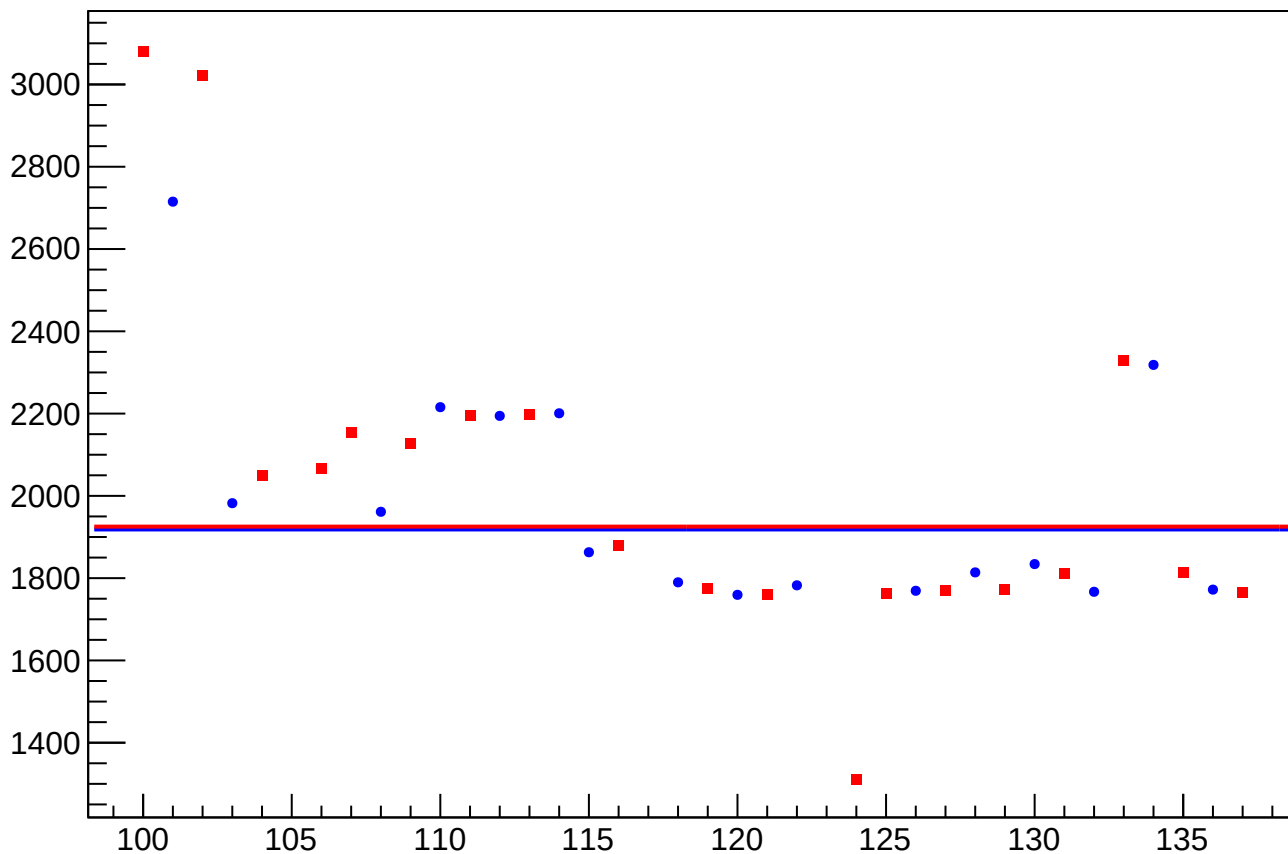
Right: 2416.225+/-509.203 χ^2/NDF : 31.4/34

In: 2931.693+/-718.305 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.225+/-509.203 χ^2/NDF : 31.4/34

eigen_dit_asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1925.259+/-0.510 χ^2/NDF : 339094.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

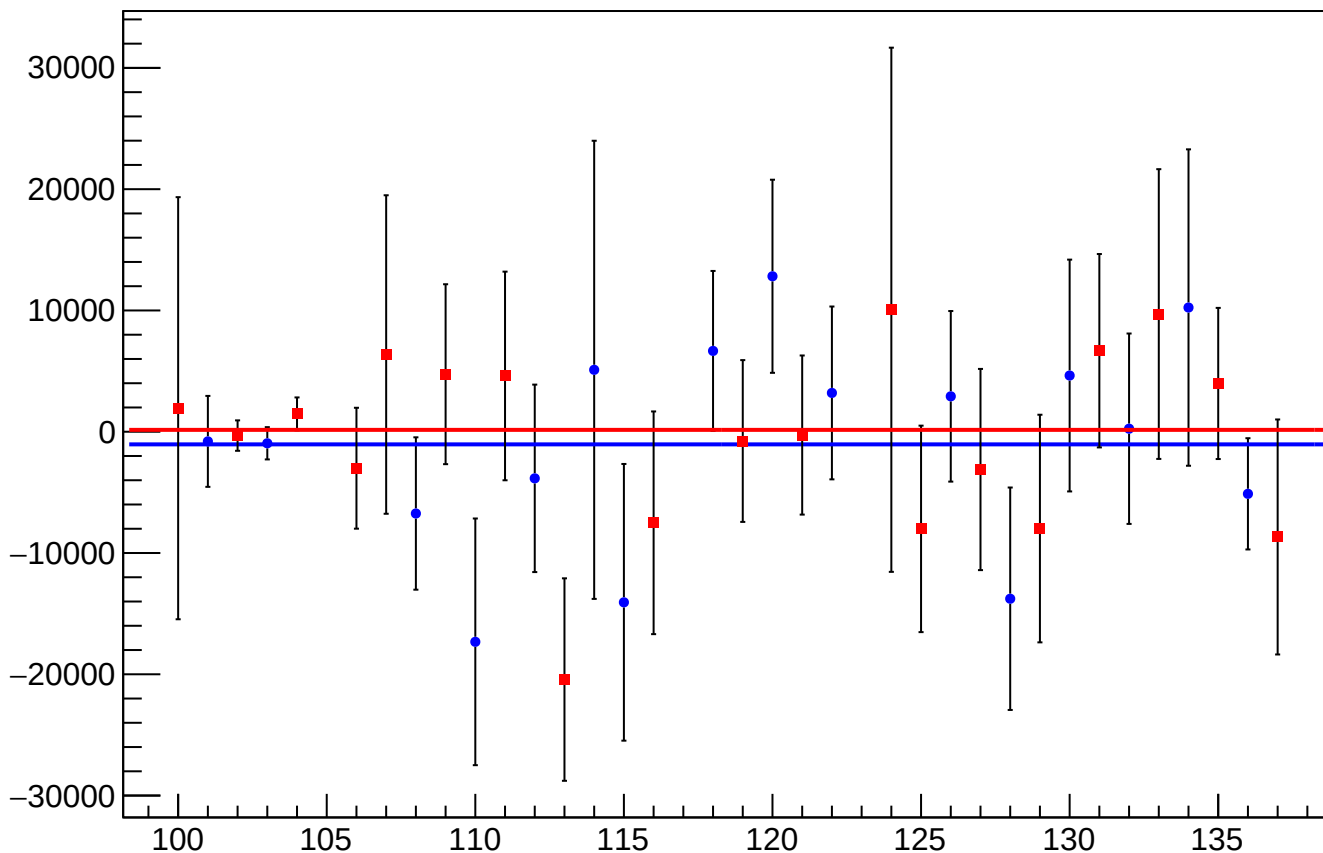
Right: 1921.798+/-0.360 χ^2/NDF : 554778.8/34

In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.798+/-0.360 χ^2/NDF : 554778.8/34

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1041.906 $\pm$ 1072.405 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.614 $\pm$ 835.655 χ^2 /NDF: 13.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

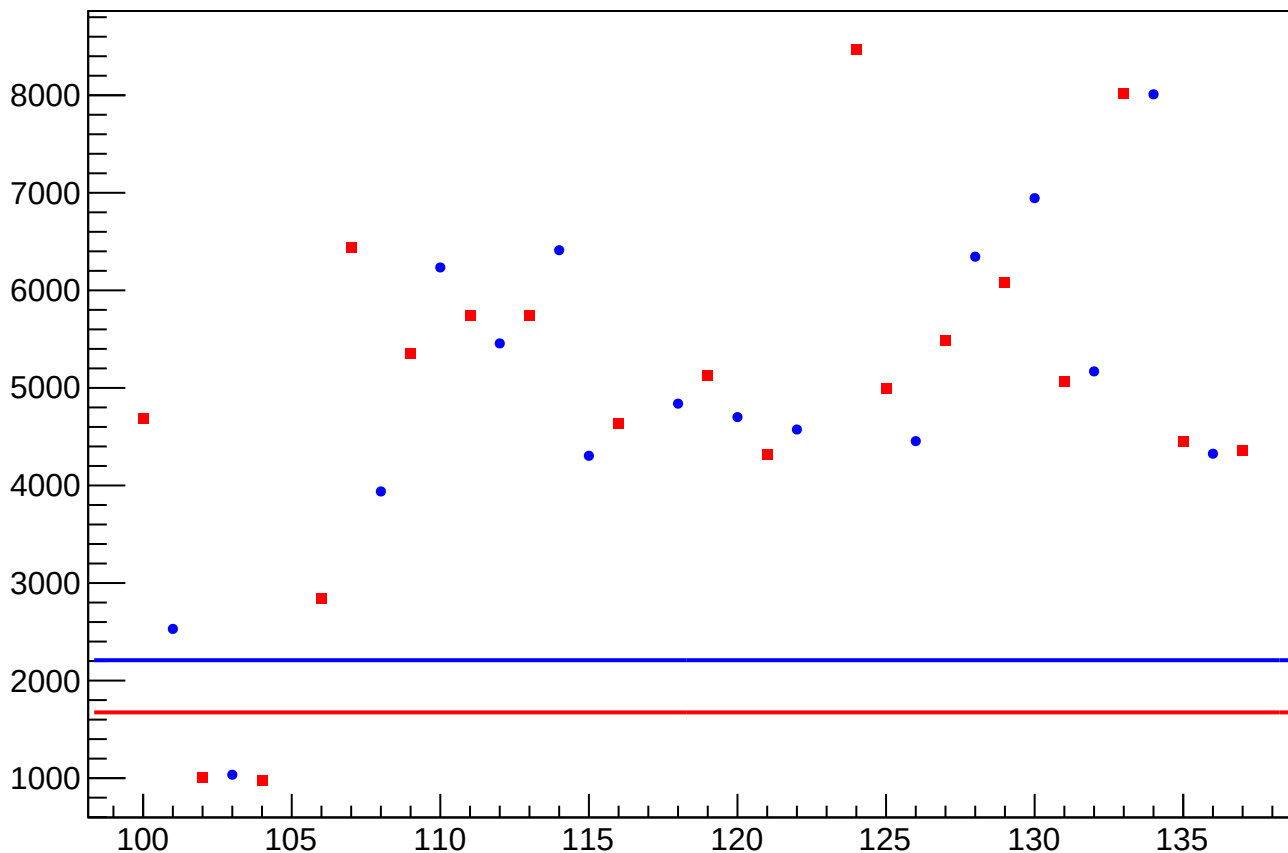
Right: -298.056 $\pm$ 659.161 χ^2 /NDF: 28.3/34

In: -1041.906 $\pm$ 1072.405 χ^2 /NDF: 13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -298.056 $\pm$ 659.161 χ^2 /NDF: 28.3/34

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2208.911+/-0.758 χ^2/NDF : 5499004.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1674.162+/-0.591 χ^2/NDF : 6853204.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

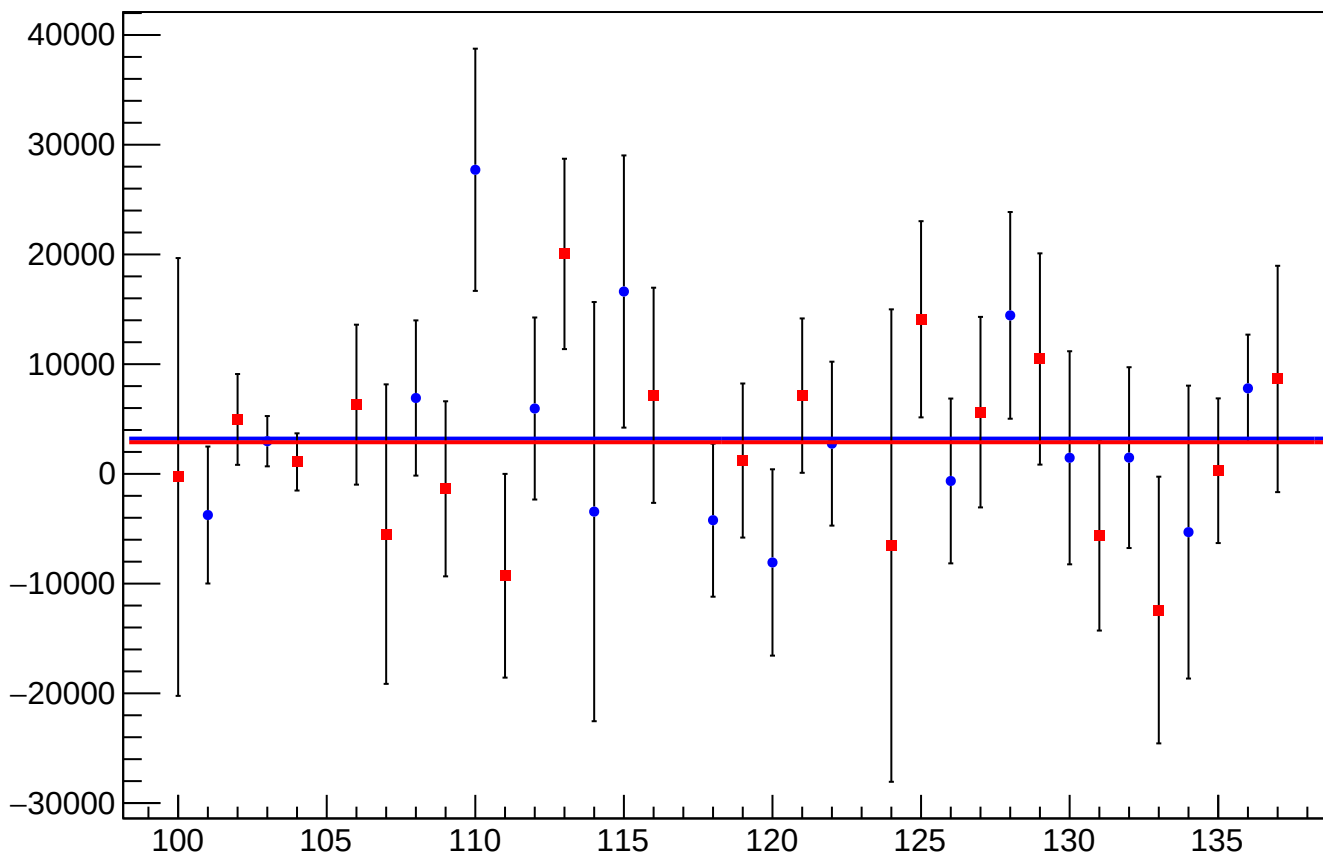
Right: 1876.191+/-0.466 χ^2/NDF : 12661624.0/34

In: 2208.911+/-0.758 χ^2/NDF : 5499004.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1876.191+/-0.466 χ^2/NDF : 12661624.0/34

asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 3215.695+/-1539.262 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2883.411+/-1552.120 χ^2/NDF : 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

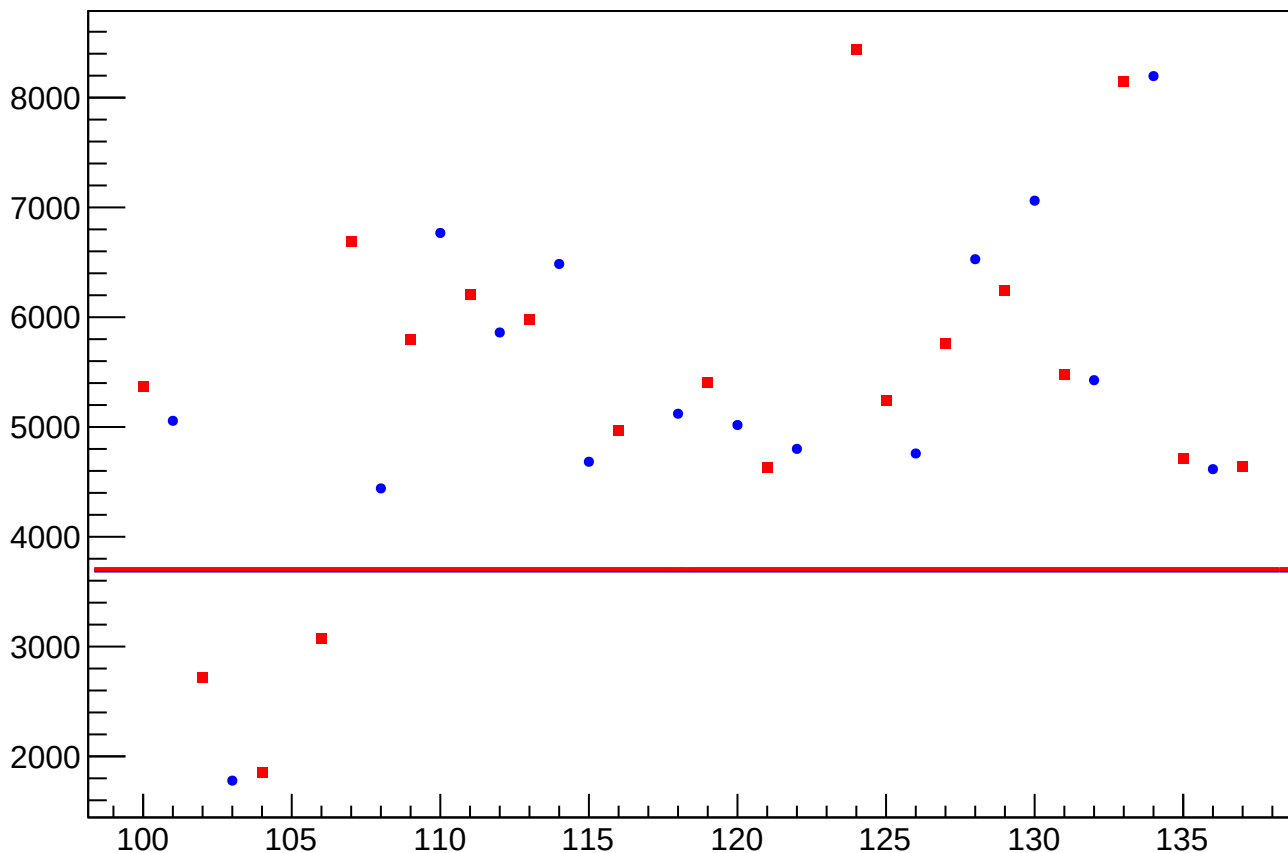
Right: 3050.935+/-1092.940 χ^2/NDF : 27.2/34

In: 3215.695+/-1539.262 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3050.935+/-1092.940 χ^2/NDF : 27.2/34

asym_atl1r2_avg_rms vs Slug, Sign Corrected



Right In: 3692.815+/-1.088 χ^2/NDF : 2885658.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3706.081+/-1.087 χ^2/NDF : 2684528.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

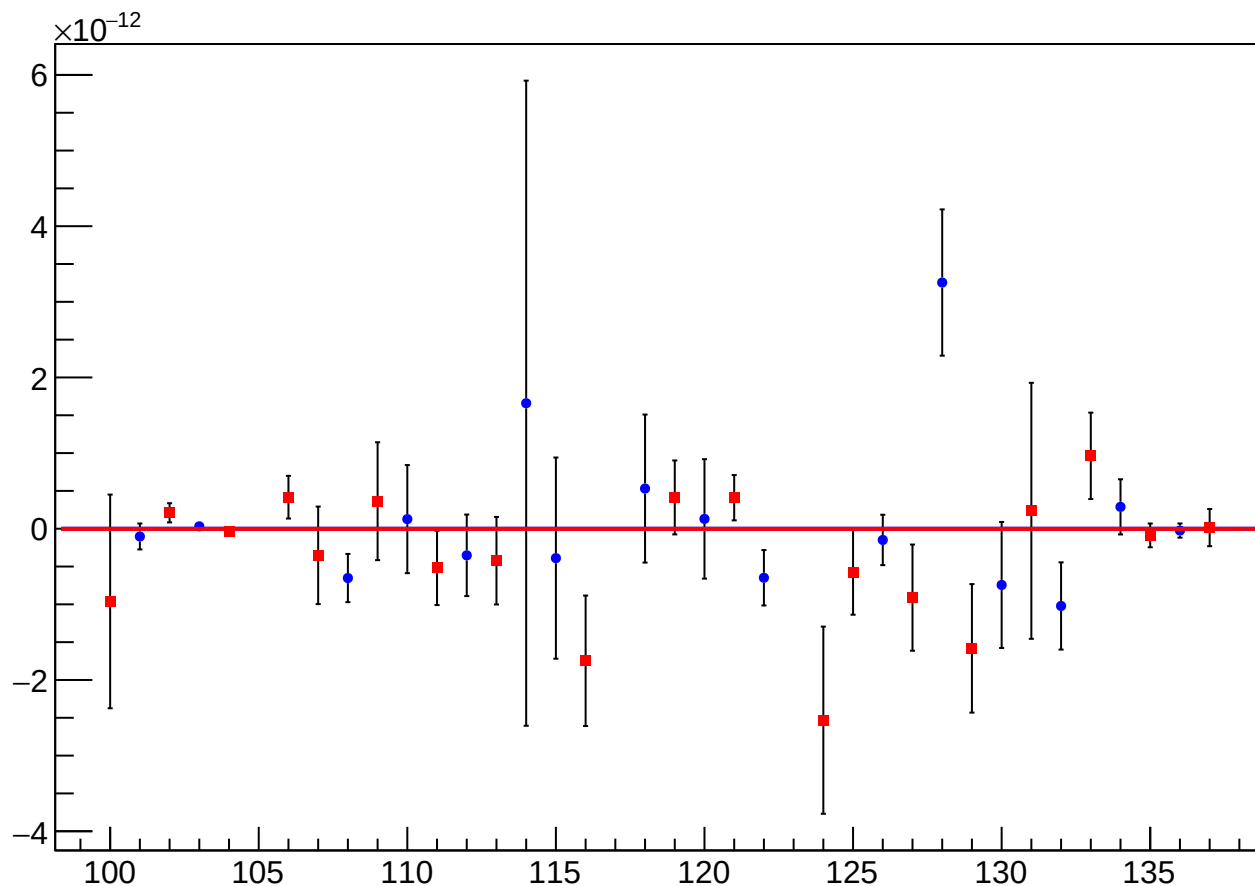
Right: 3699.460+/-0.769 χ^2/NDF : 5570260.4/34

In: 3692.815+/-1.088 χ^2/NDF : 2885658.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3699.460+/-0.769 χ^2/NDF : 5570260.4/34

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 25.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 28.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

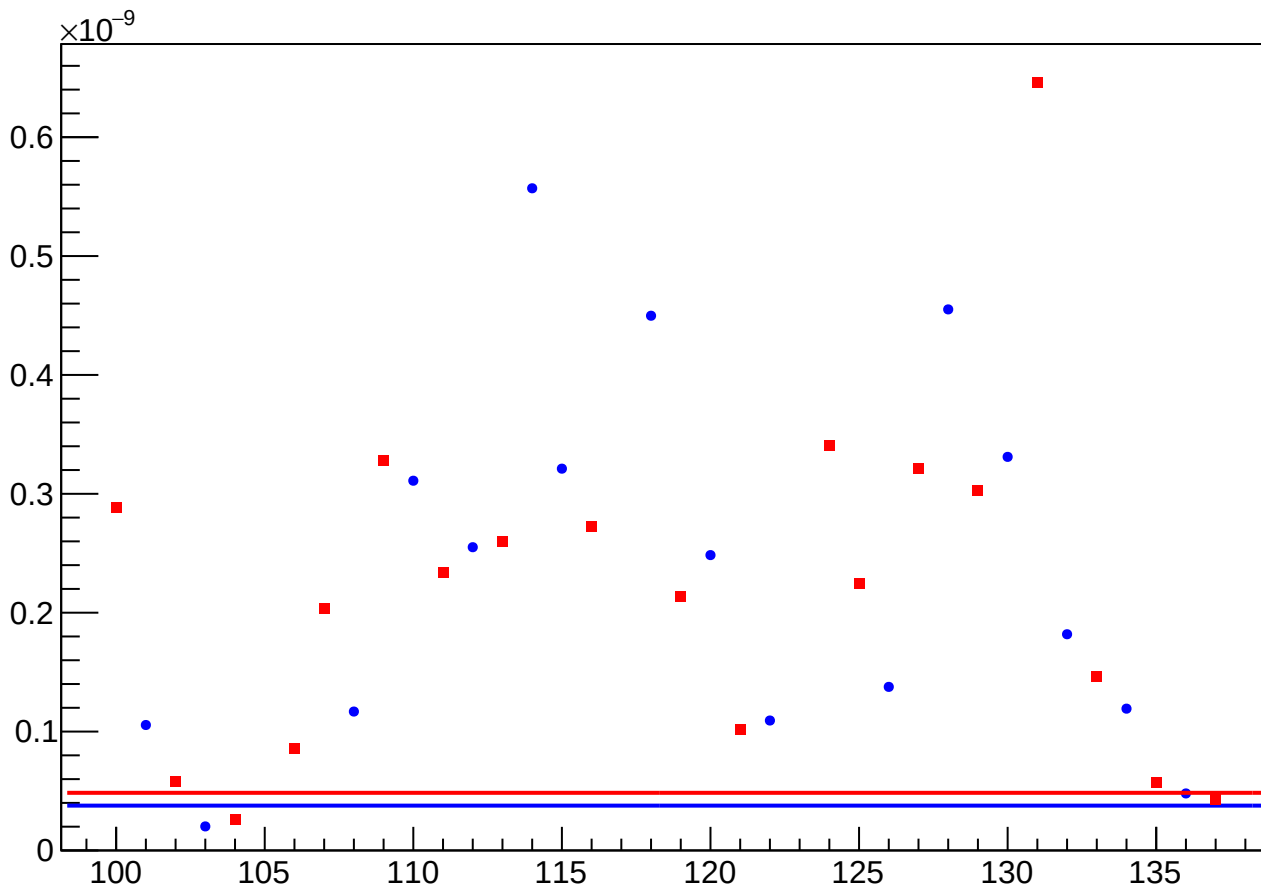
Right: -0.000+/-0.000 χ^2 /NDF: 53.6/34

In: -0.000+/-0.000 χ^2 /NDF:25.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 53.6/34

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 3140697.1/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 2895431.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 6105820.7/34

In: 0.000+/-0.000

χ^2/NDF : 3140697.1/15

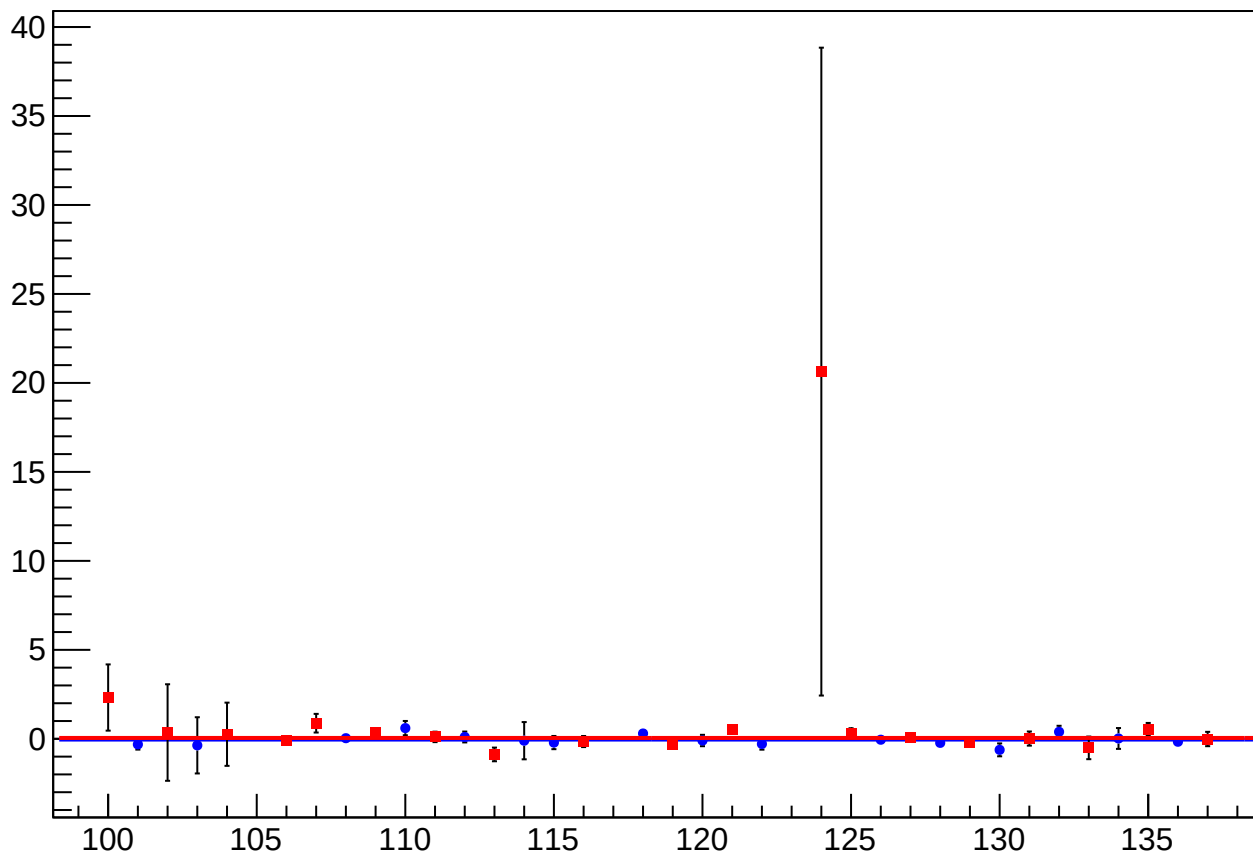
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 6105820.7/34

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.078 χ^2/NDF : 11.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.079 χ^2/NDF : 23.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

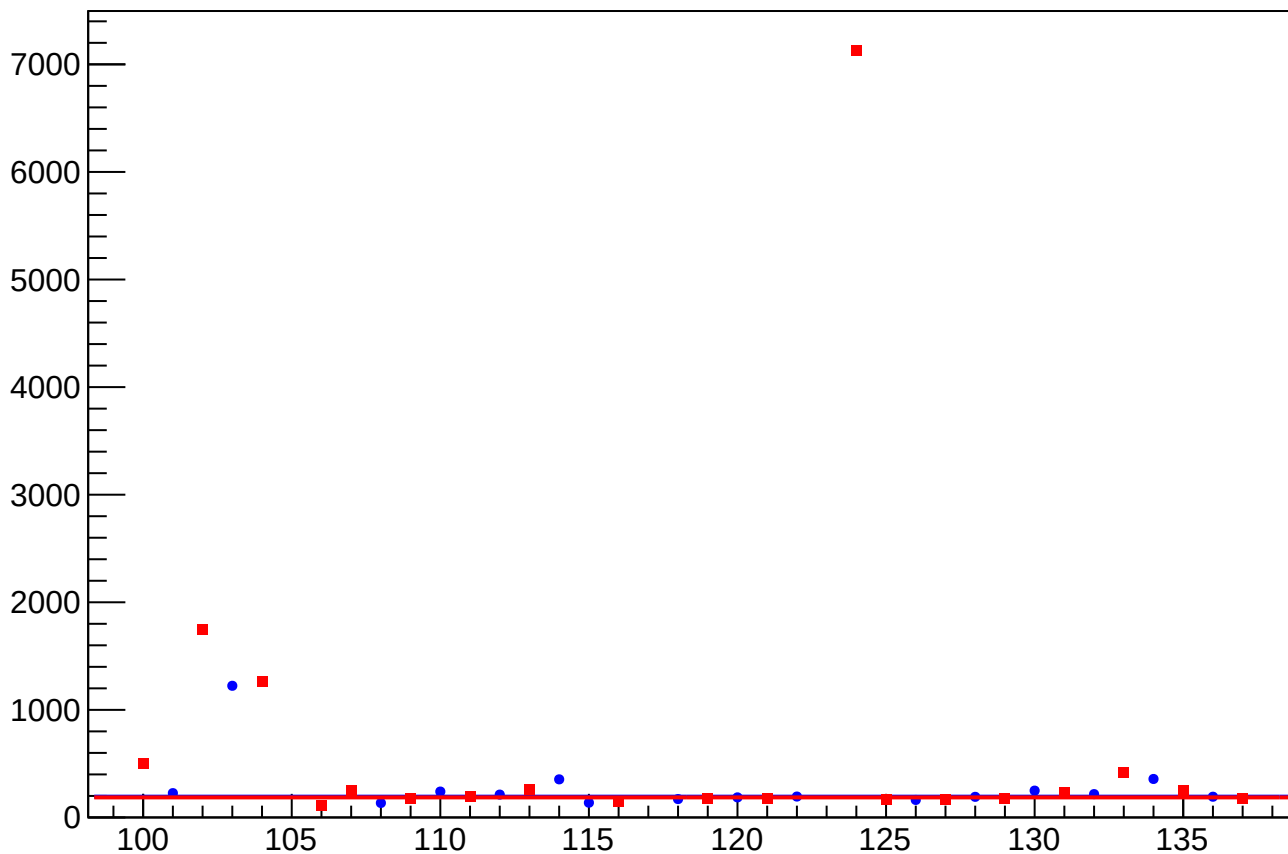
Right: 0.004 ± 0.055 χ^2/NDF : 35.4/34

In: -0.041 ± 0.078 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.055 χ^2/NDF : 35.4/34

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.379+/-0.056 χ^2/NDF : 2479083.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

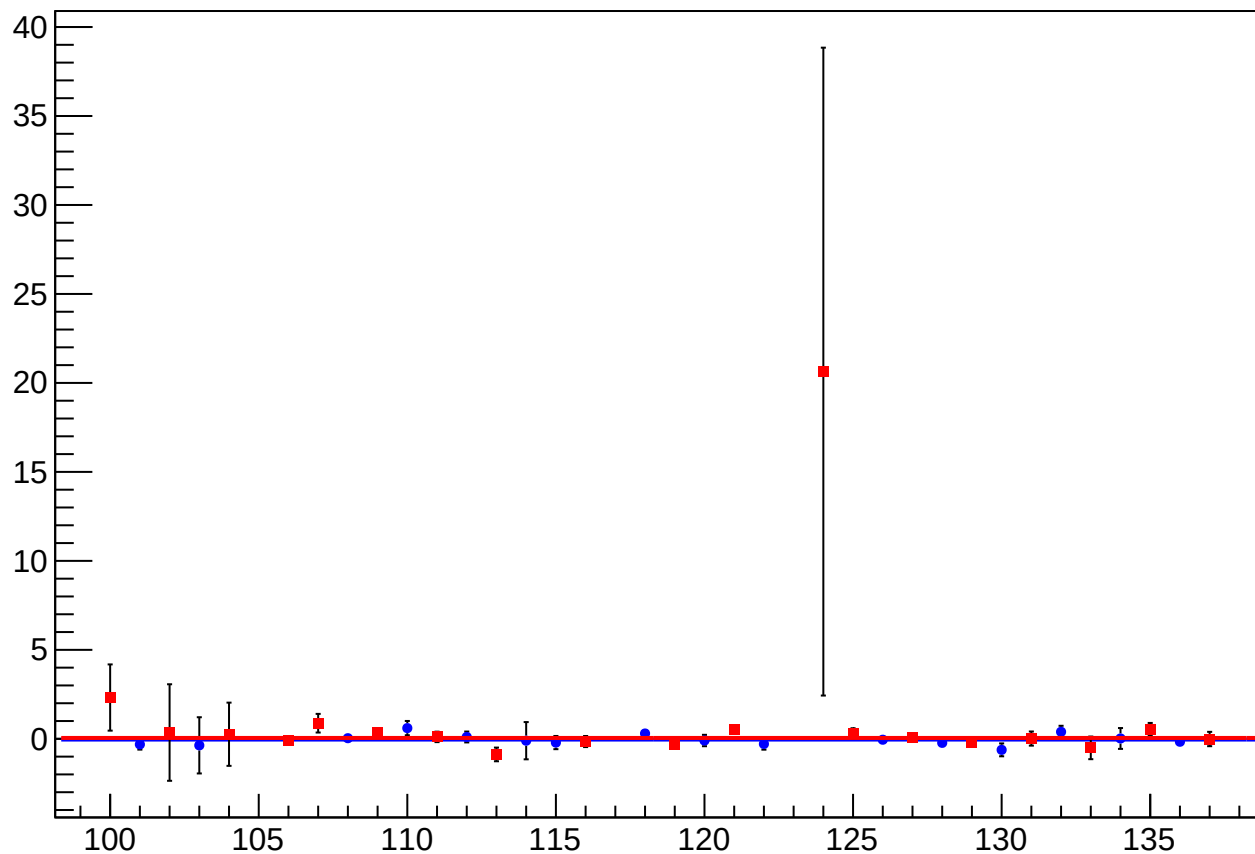
Right: 189.859+/-0.039 χ^2/NDF : 3895183.9/34

In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.859+/-0.039 χ^2/NDF : 3895183.9/34

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 $\pm$ 0.078 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.049 $\pm$ 0.079 χ^2 /NDF: 23.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

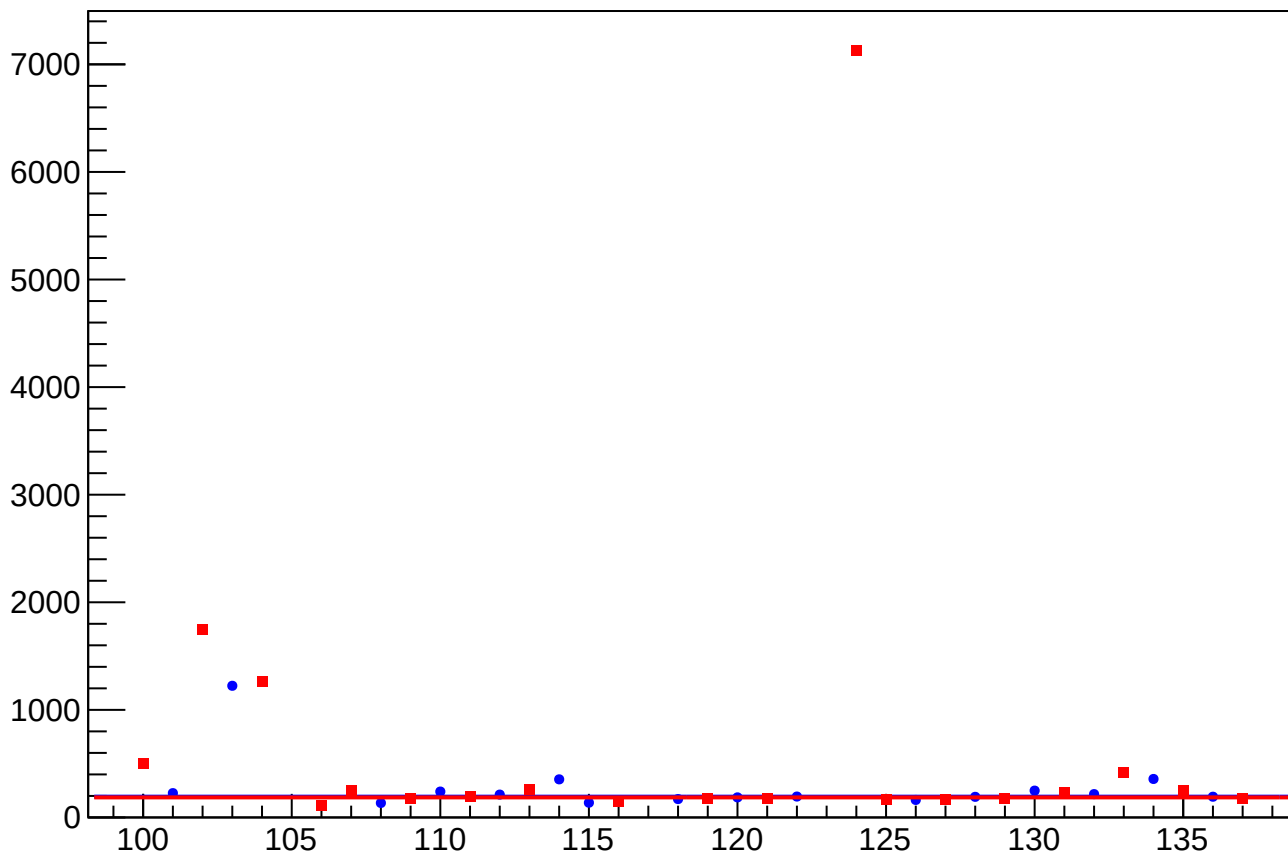
Right: 0.004 $\pm$ 0.055 χ^2 /NDF: 35.4/34

In: -0.041 $\pm$ 0.078 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.055 χ^2 /NDF: 35.4/34

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.379+/-0.056 χ^2/NDF : 2479083.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

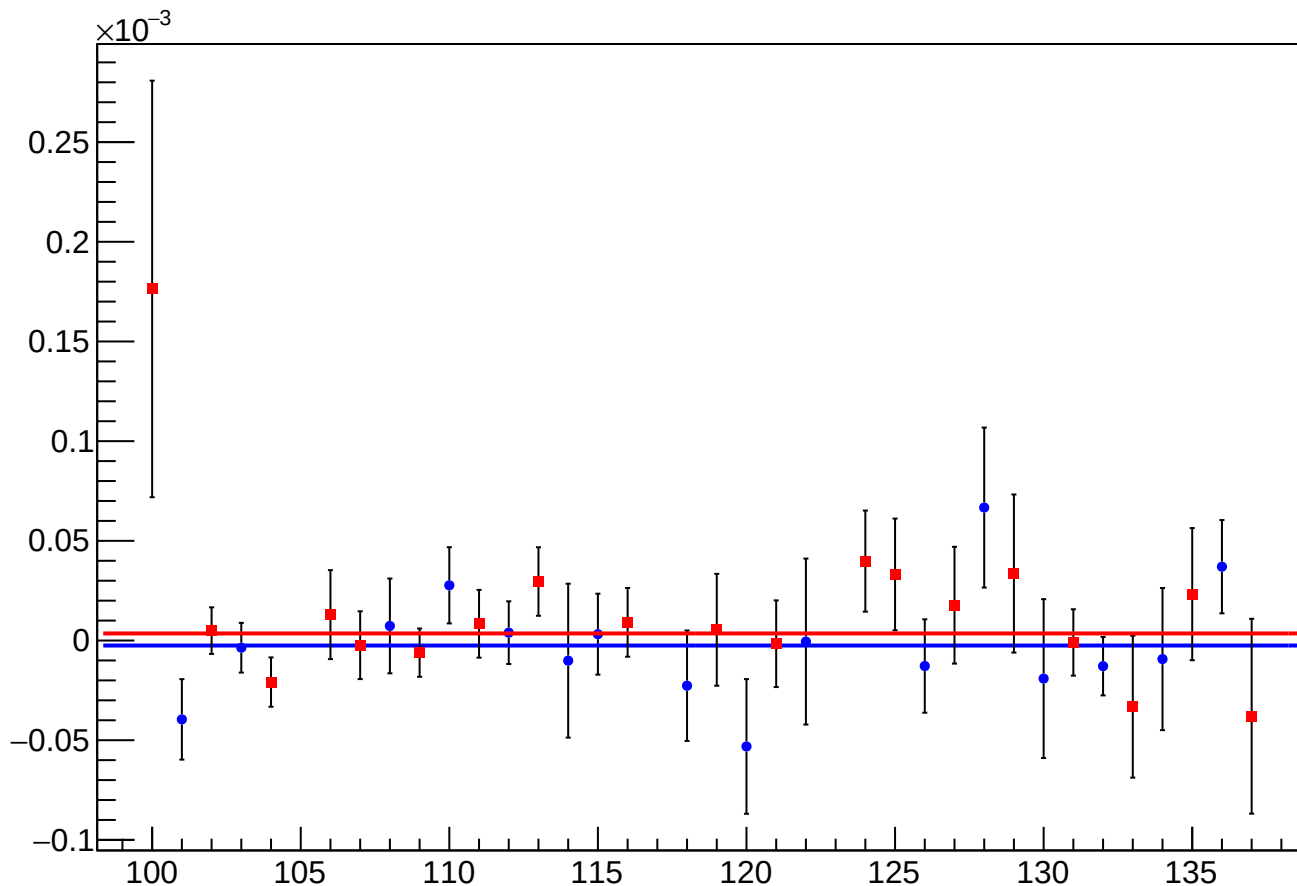
Right: 189.859+/-0.039 χ^2/NDF : 3895183.9/34

In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

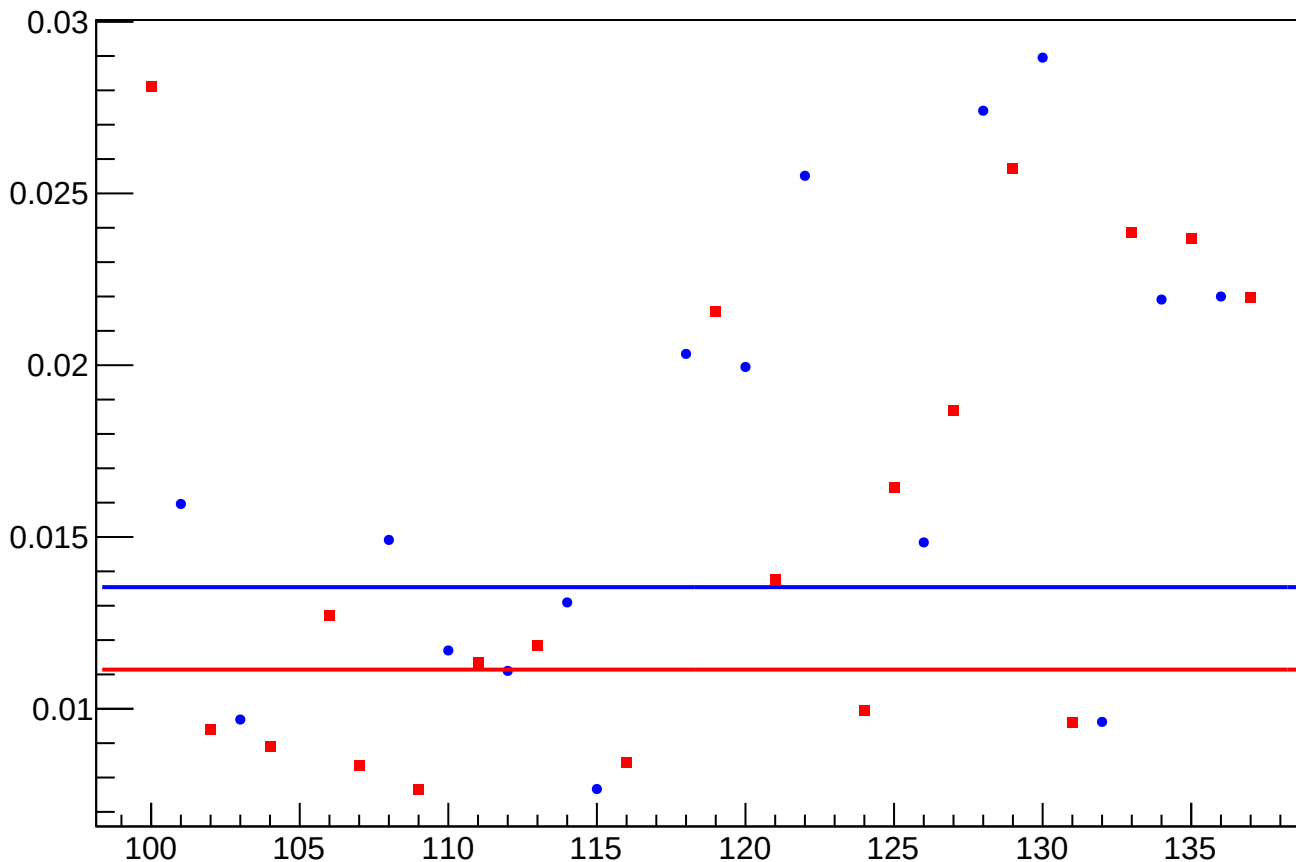
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.859+/-0.039 χ^2/NDF : 3895183.9/34

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1877615.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1887740.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

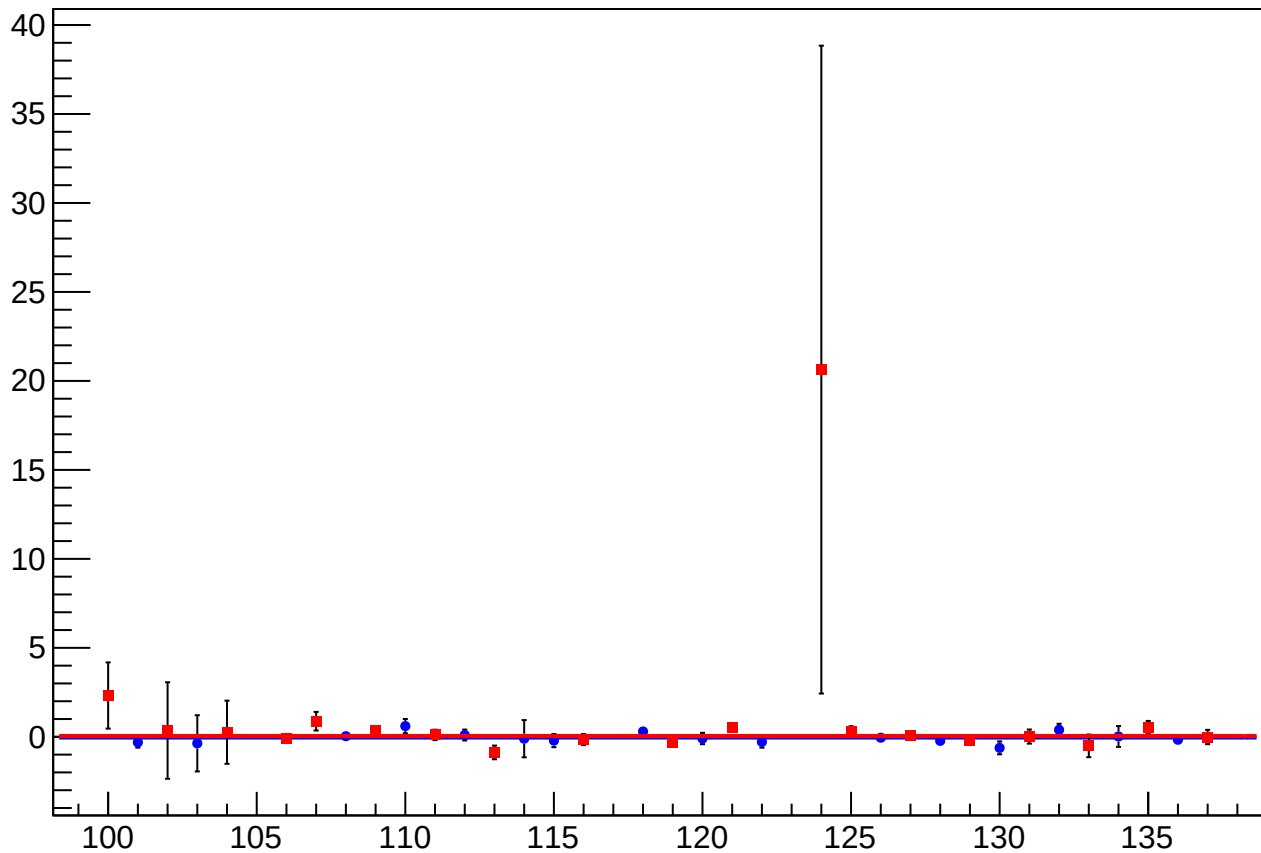
Right: 0.012+/-0.000 χ^2/NDF : 3997435.7/34

In: 0.014+/-0.000 χ^2/NDF : 1877615.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 3997435.7/34

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.078 χ^2/NDF : 11.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.049 ± 0.079 χ^2/NDF : 23.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

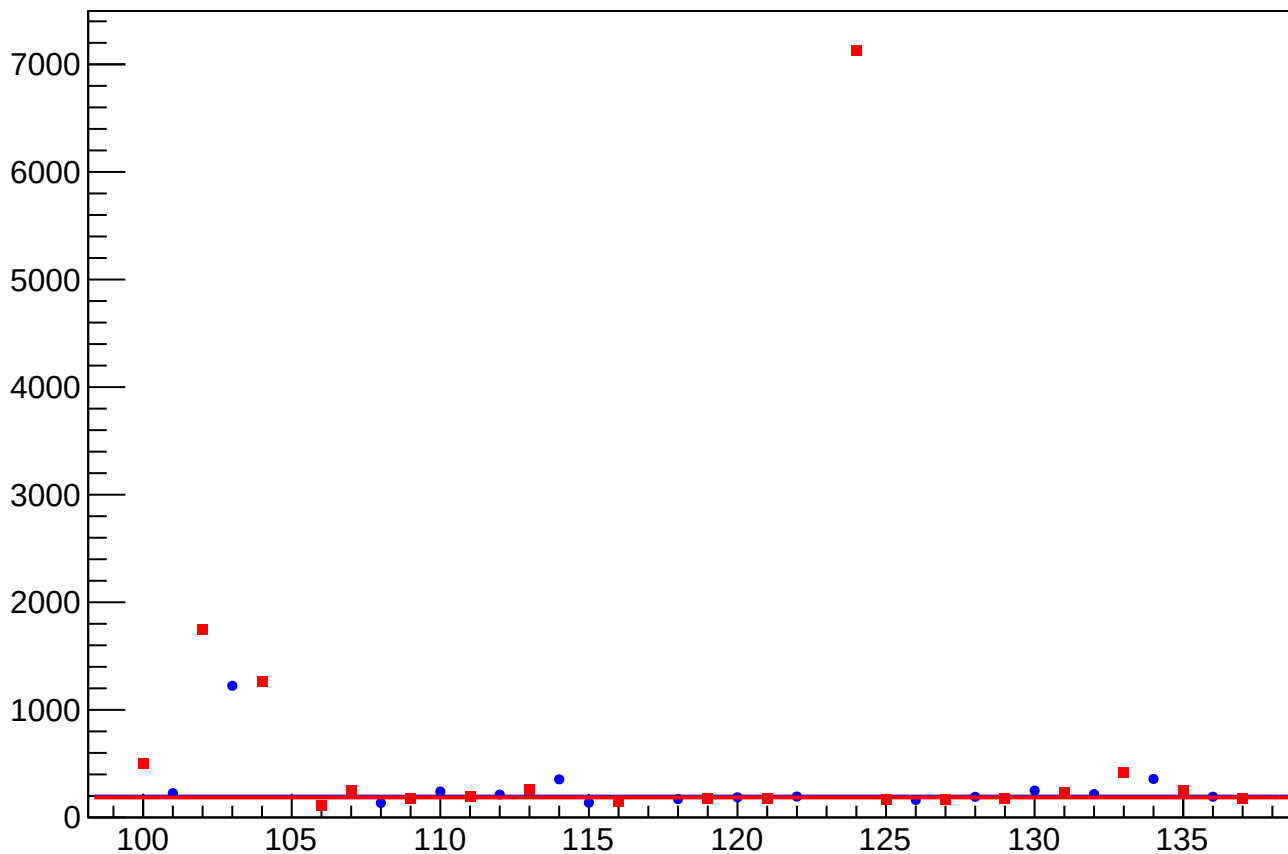
Right: 0.004 ± 0.055 χ^2/NDF : 35.4/34

In: -0.041 ± 0.078 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.055 χ^2/NDF : 35.4/34

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.376+/-0.056 χ^2/NDF : 2479113.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

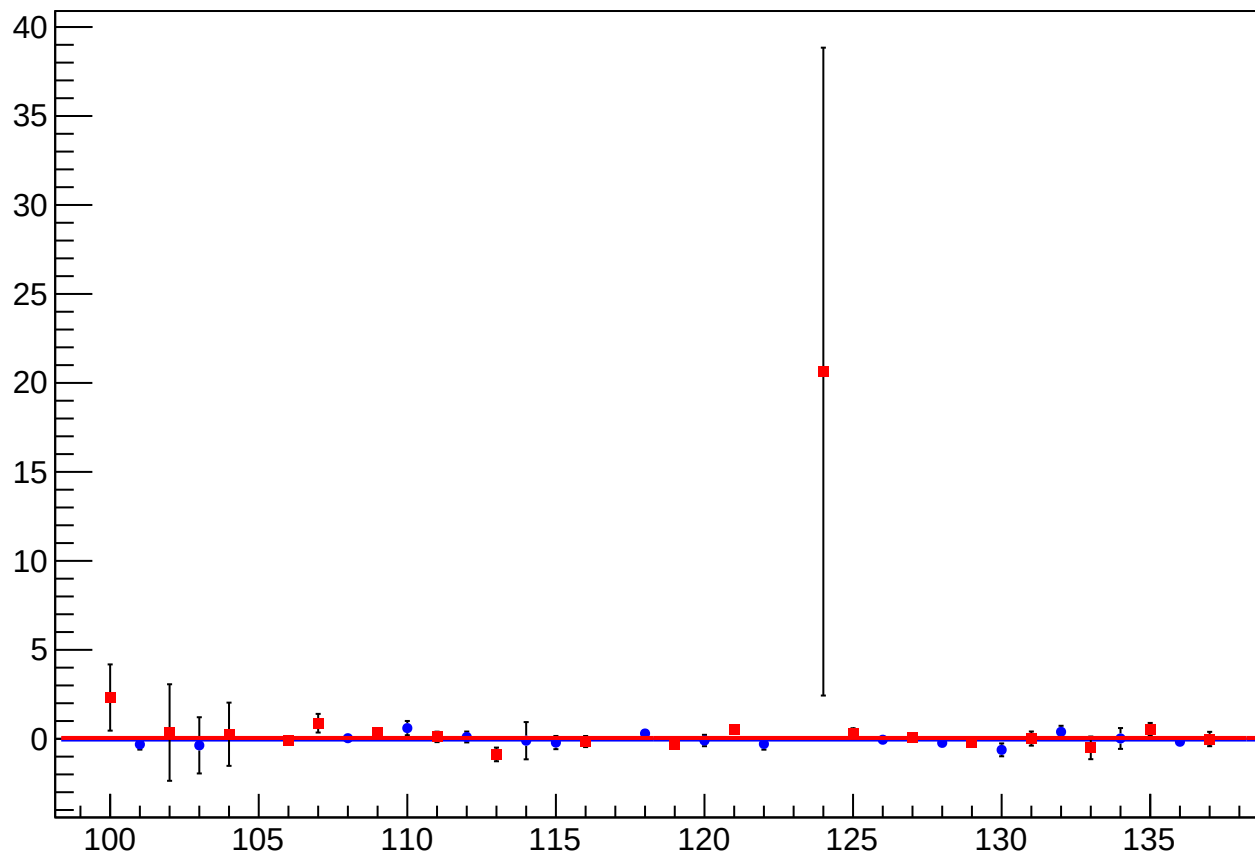
Right: 189.857+/-0.039 χ^2/NDF : 3895208.3/34

In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.857+/-0.039 χ^2/NDF : 3895208.3/34

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.041 ± 0.078 $\chi^2/\text{NDF}: 11.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.049 ± 0.079 $\chi^2/\text{NDF}: 23.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

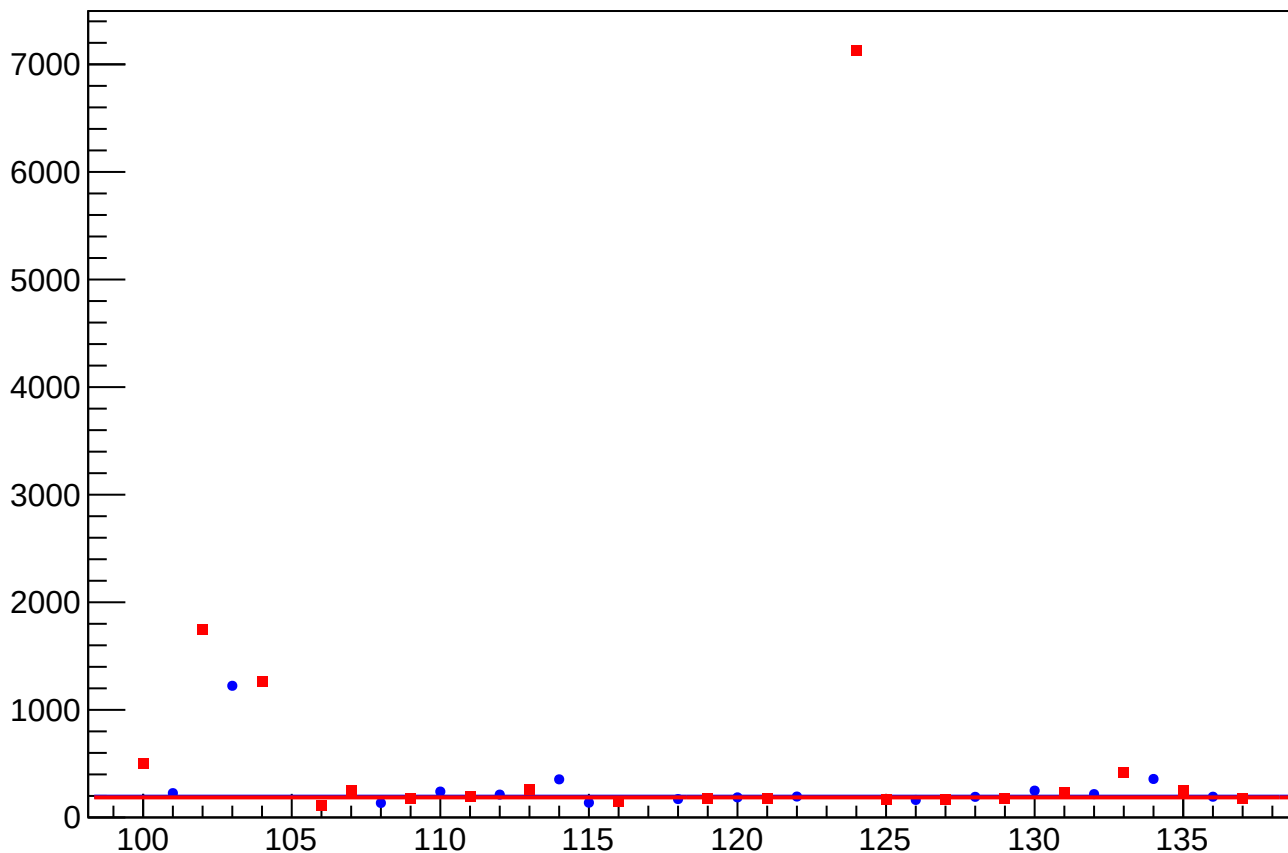
Right: 0.004 ± 0.055 $\chi^2/\text{NDF}: 35.4/34$

In: -0.041 ± 0.078 $\chi^2/\text{NDF}: 11.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.004 ± 0.055 $\chi^2/\text{NDF}: 35.4/34$

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.376+/-0.056 χ^2/NDF : 2479113.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

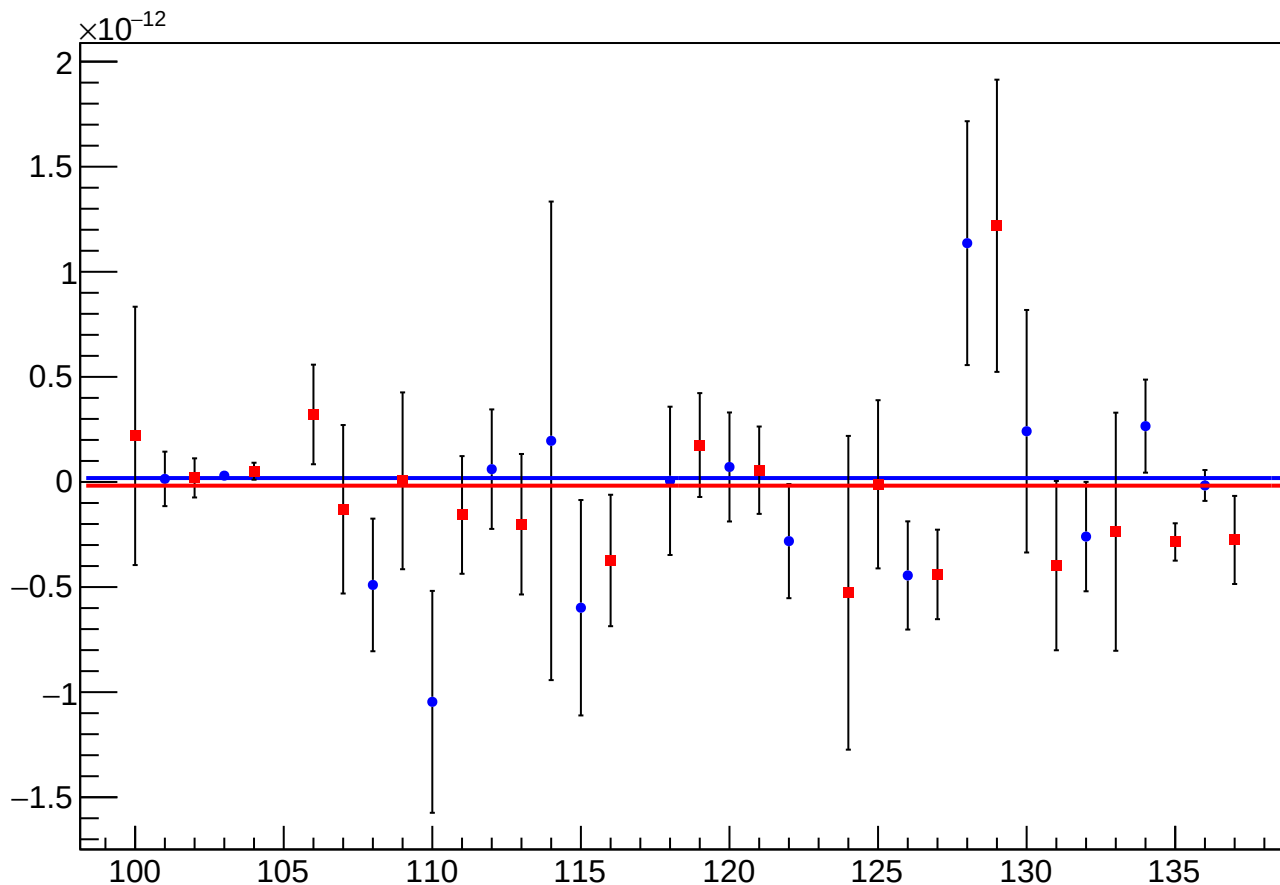
Right: 189.857+/-0.039 χ^2/NDF : 3895208.3/34

In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.857+/-0.039 χ^2/NDF : 3895208.3/34

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 27.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

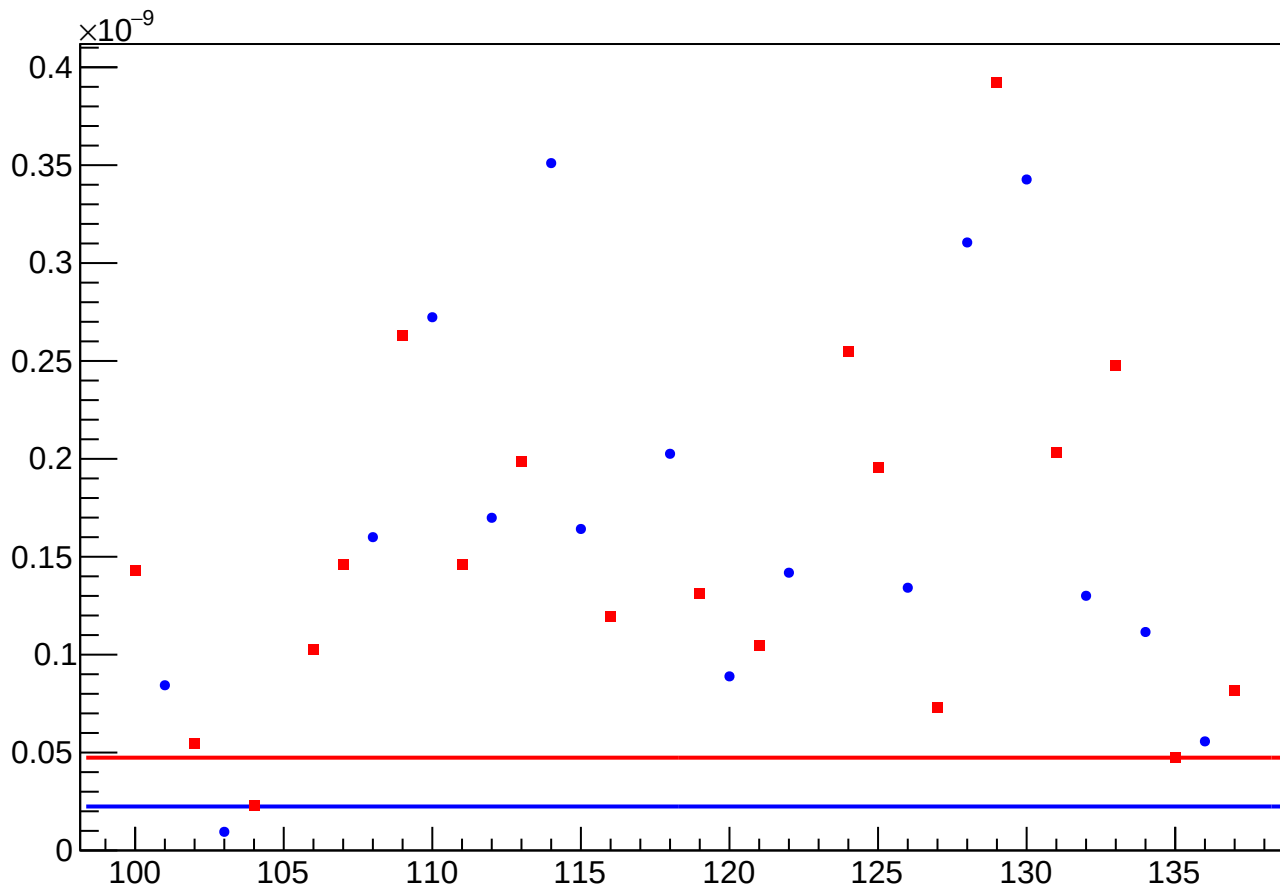
Right: 0.000+/-0.000 χ^2/NDF : 47.5/34

In: 0.000+/-0.000 χ^2/NDF : 19.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 47.5/34

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6410173.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4236050.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

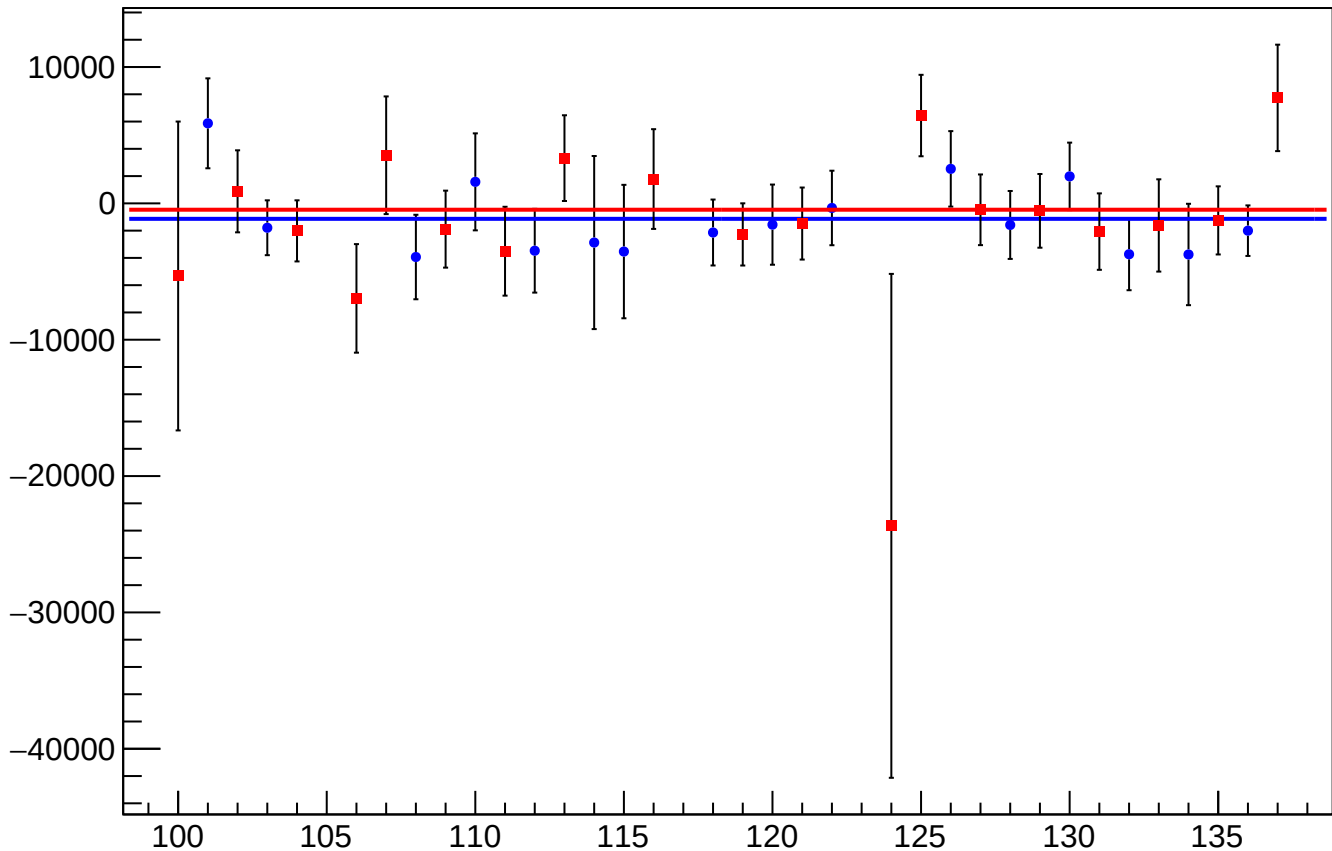
Right: 0.000+/-0.000 χ^2/NDF : 11534651.4/34

In: 0.000+/-0.000 χ^2/NDF : 6410173.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11534651.4/34

reg_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1134.630 ± 693.782 χ^2/NDF : 12.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -465.519 ± 705.926 χ^2/NDF : 20.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

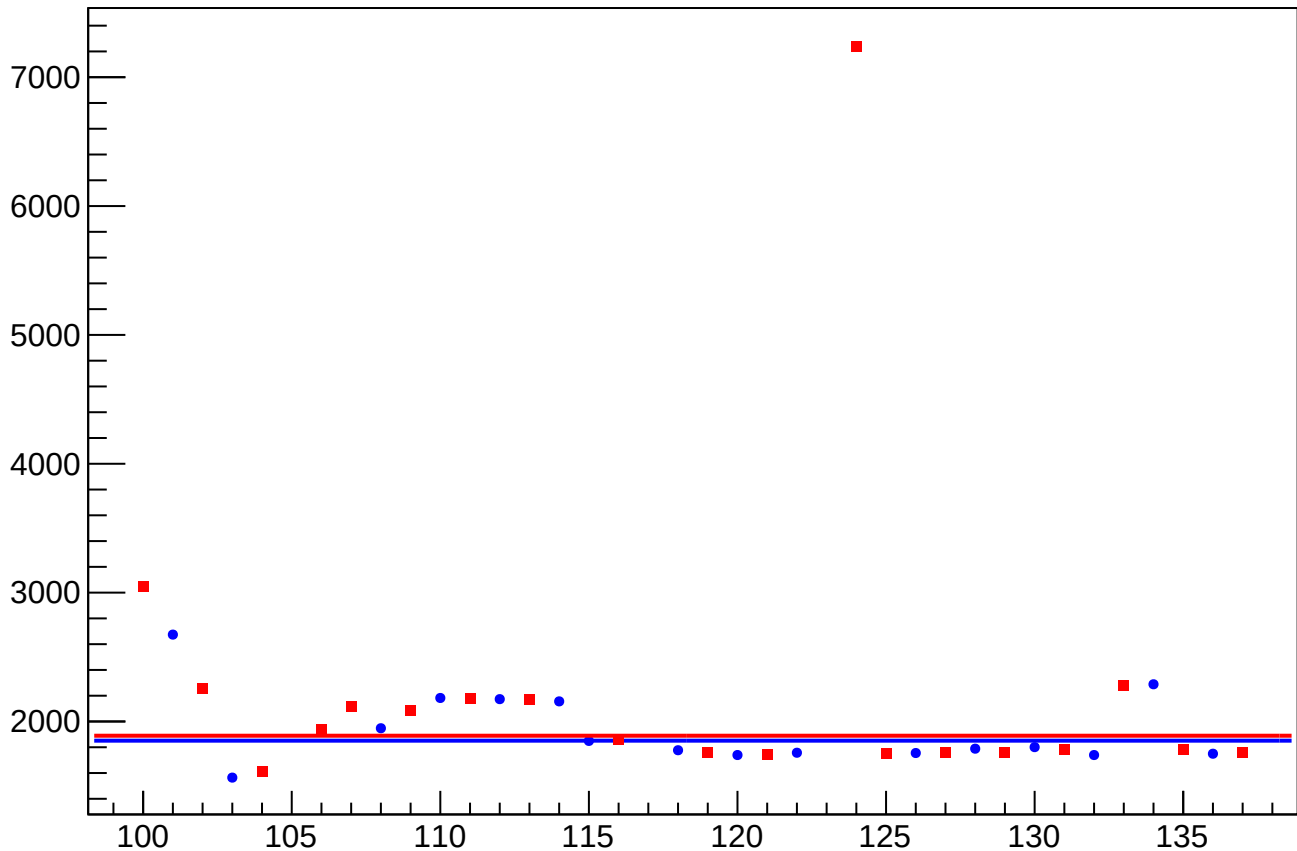
Right: -805.879 ± 494.815 χ^2/NDF : 32.7/34

In: -1134.630 ± 693.782 χ^2/NDF : 12.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -805.879 ± 494.815 χ^2/NDF : 32.7/34

reg_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1851.130+/-0.491 χ^2/NDF : 259981.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.528+/-0.498 χ^2/NDF : 358902.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

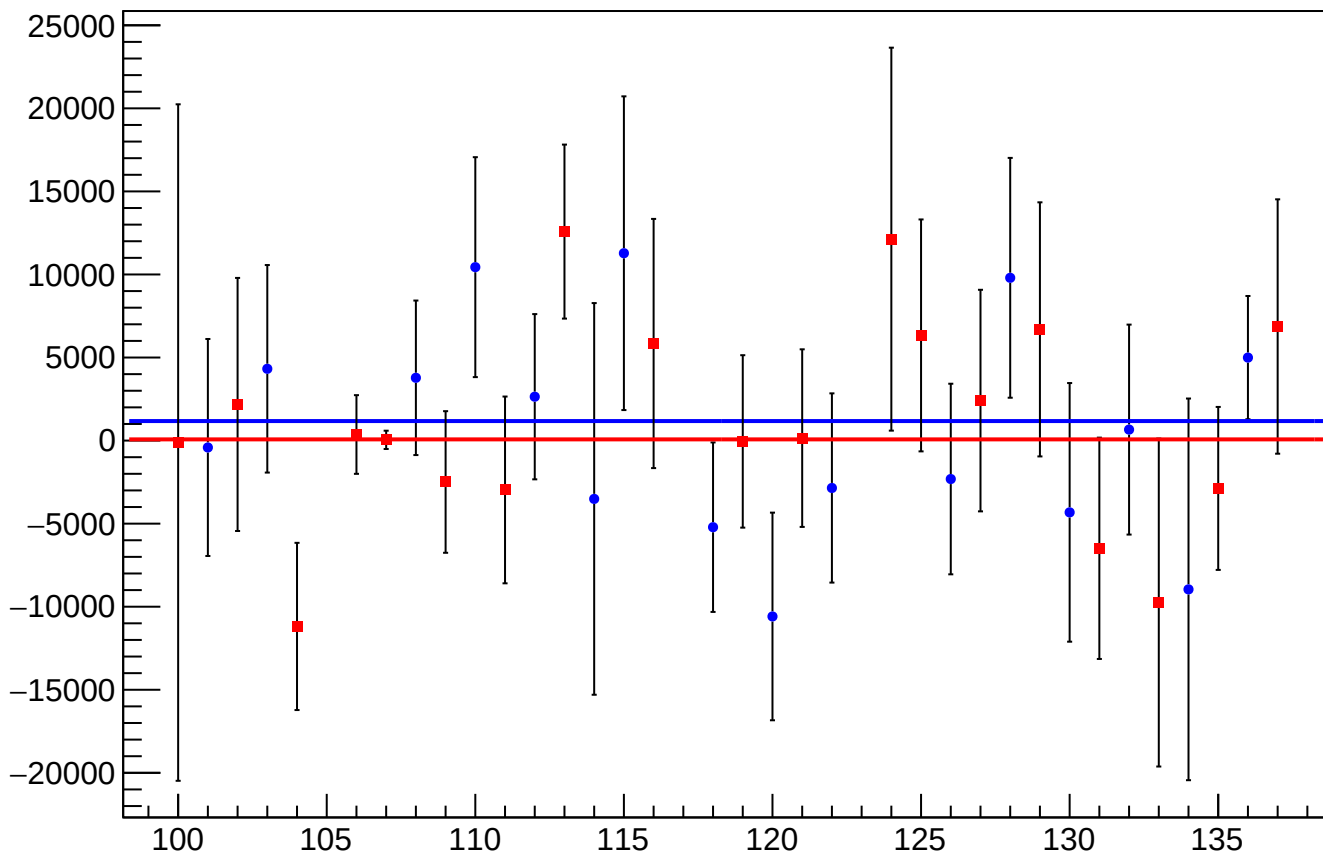
Right: 1870.040+/-0.349 χ^2/NDF : 621901.2/34

In: 1851.130+/-0.491 χ^2/NDF : 259981.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.040+/-0.349 χ^2/NDF : 621901.2/34

asym_atl1r2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1175.430+/-1502.128 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.681+/-505.693 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

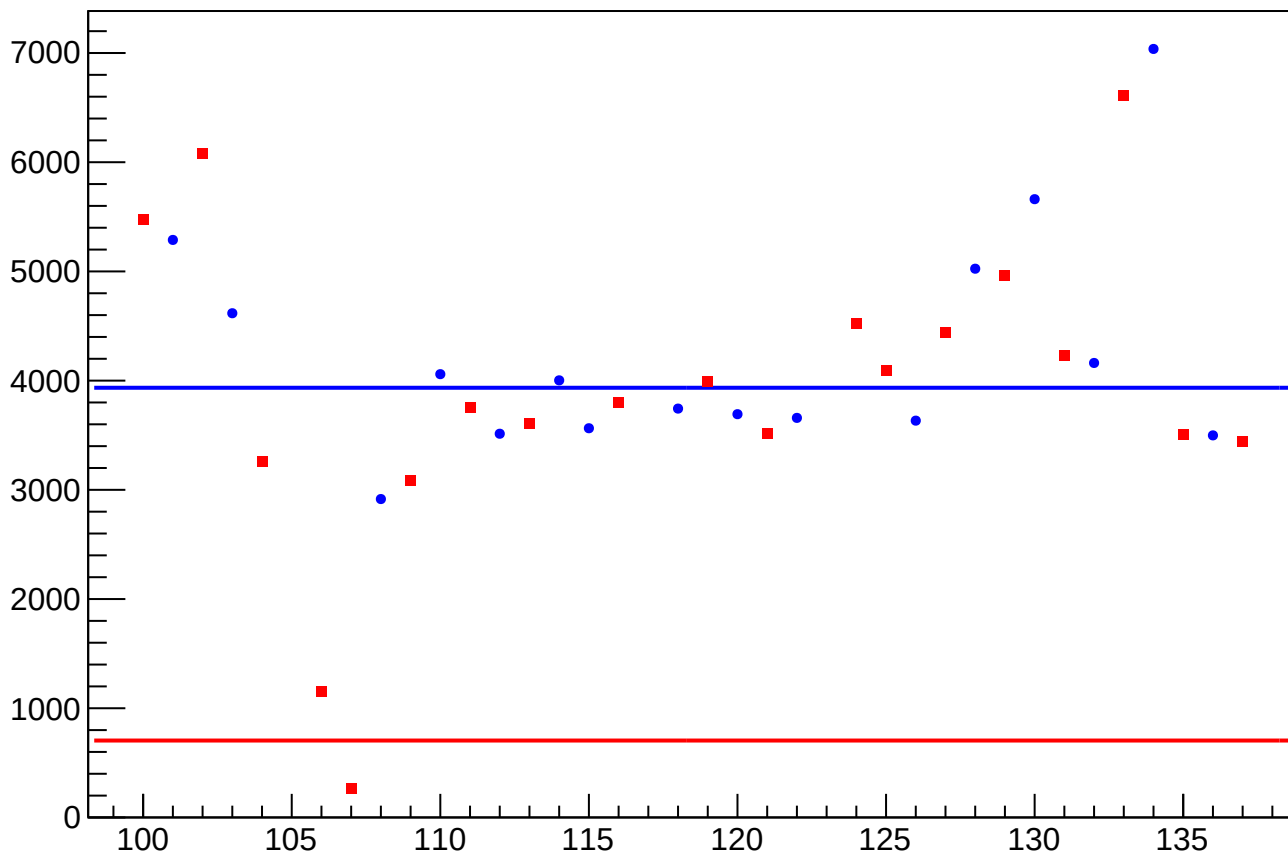
Right: 184.938+/-479.263 χ^2/NDF : 32.1/34

In: 1175.430+/-1502.128 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.938+/-479.263 χ^2/NDF : 32.1/34

asym_atl1r2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3934.718+/-1.062 χ^2/NDF : 560125.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 704.385+/-0.358 χ^2/NDF : 10618643.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

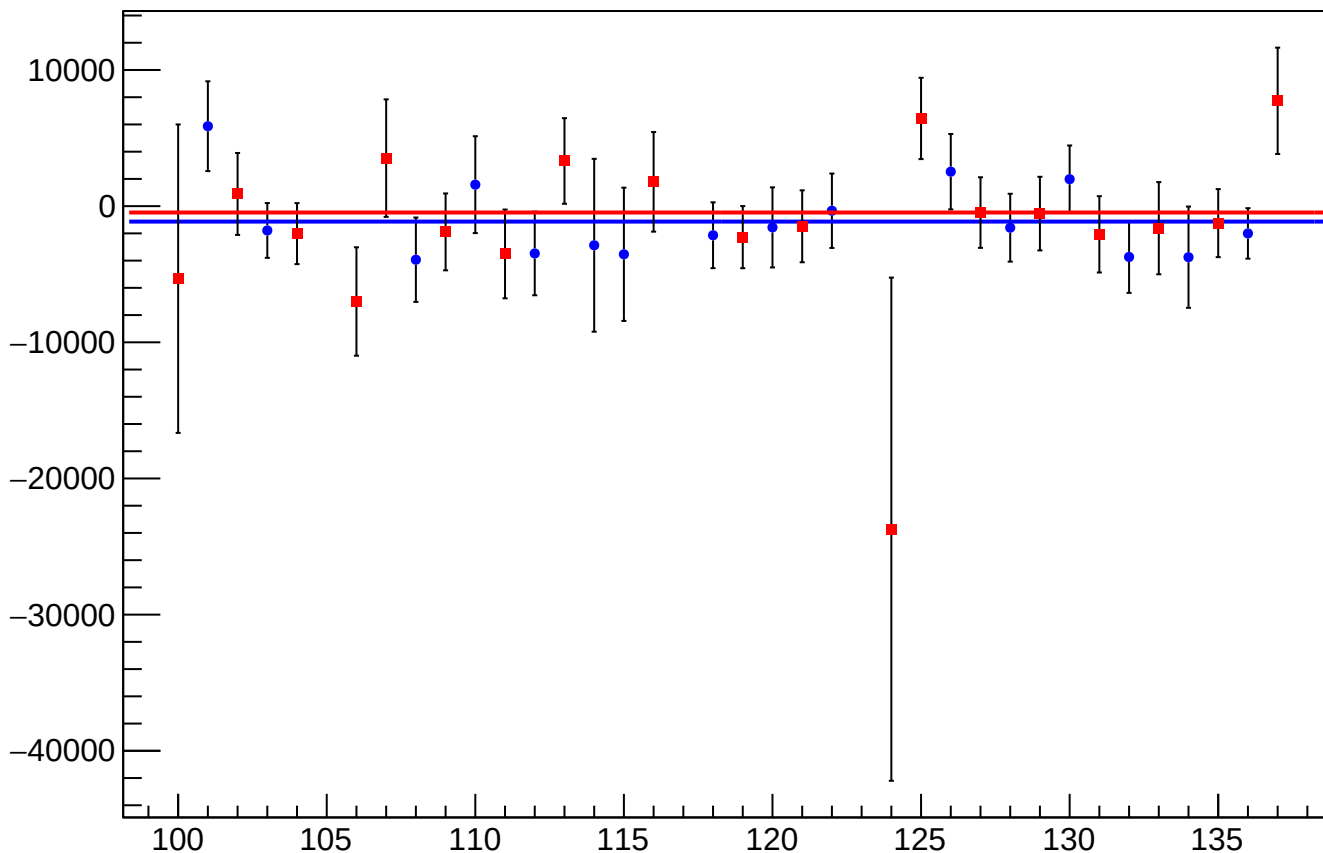
Right: 1033.223+/-0.339 χ^2/NDF : 19486549.2/34

In: 3934.718+/-1.062 χ^2/NDF : 560125.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.223+/-0.339 χ^2/NDF : 19486549.2/34

cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.899+/-705.928 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

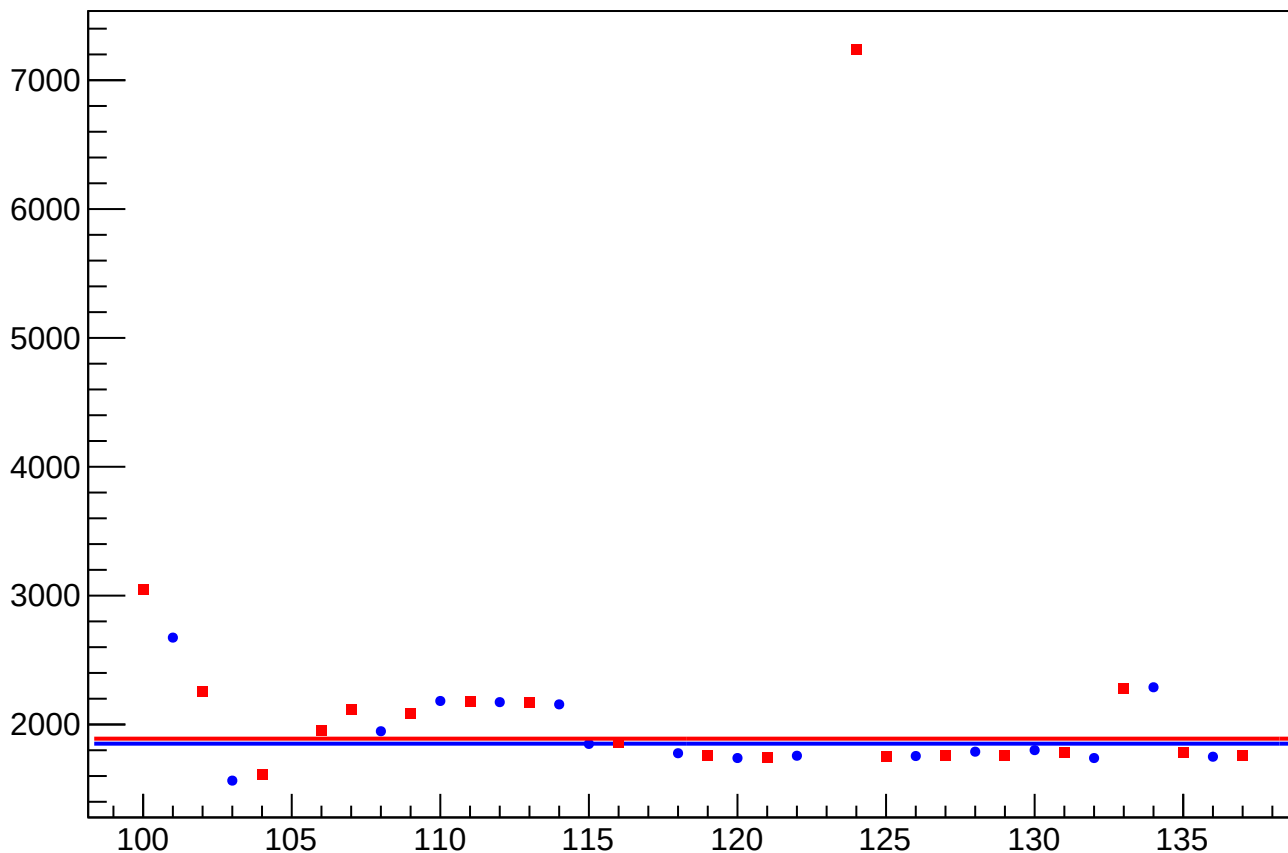
Right: -805.849+/-494.816 χ^2/NDF : 32.7/34

In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -805.849+/-494.816 χ^2/NDF : 32.7/34

cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.986+/-0.498 χ^2/NDF : 359122.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

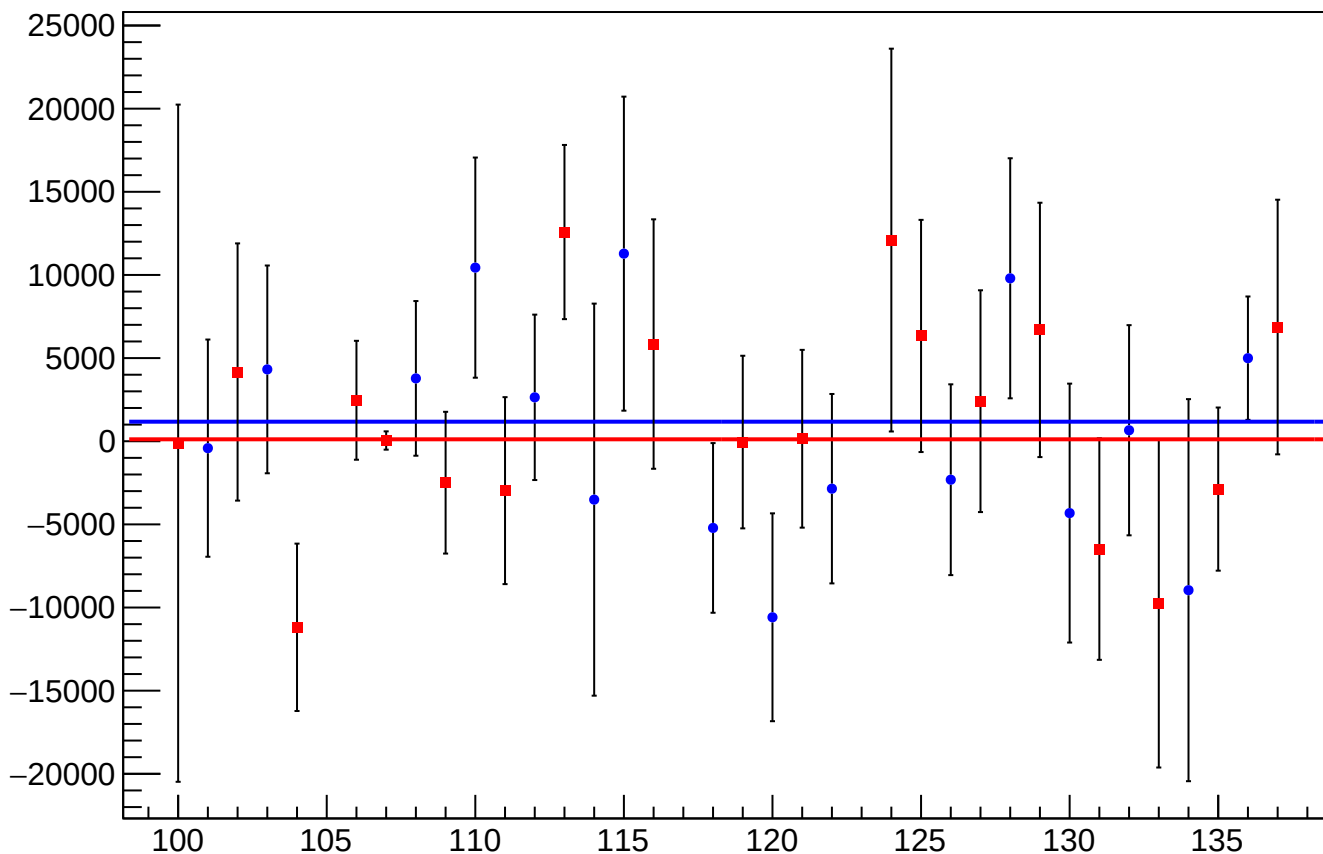
Right: 1870.262+/-0.350 χ^2/NDF : 622191.7/34

In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.262+/-0.350 χ^2/NDF : 622191.7/34

asym_atl1r2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1175.408 $\pm$ 1502.134 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.917 $\pm$ 512.289 χ^2 /NDF: 18.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

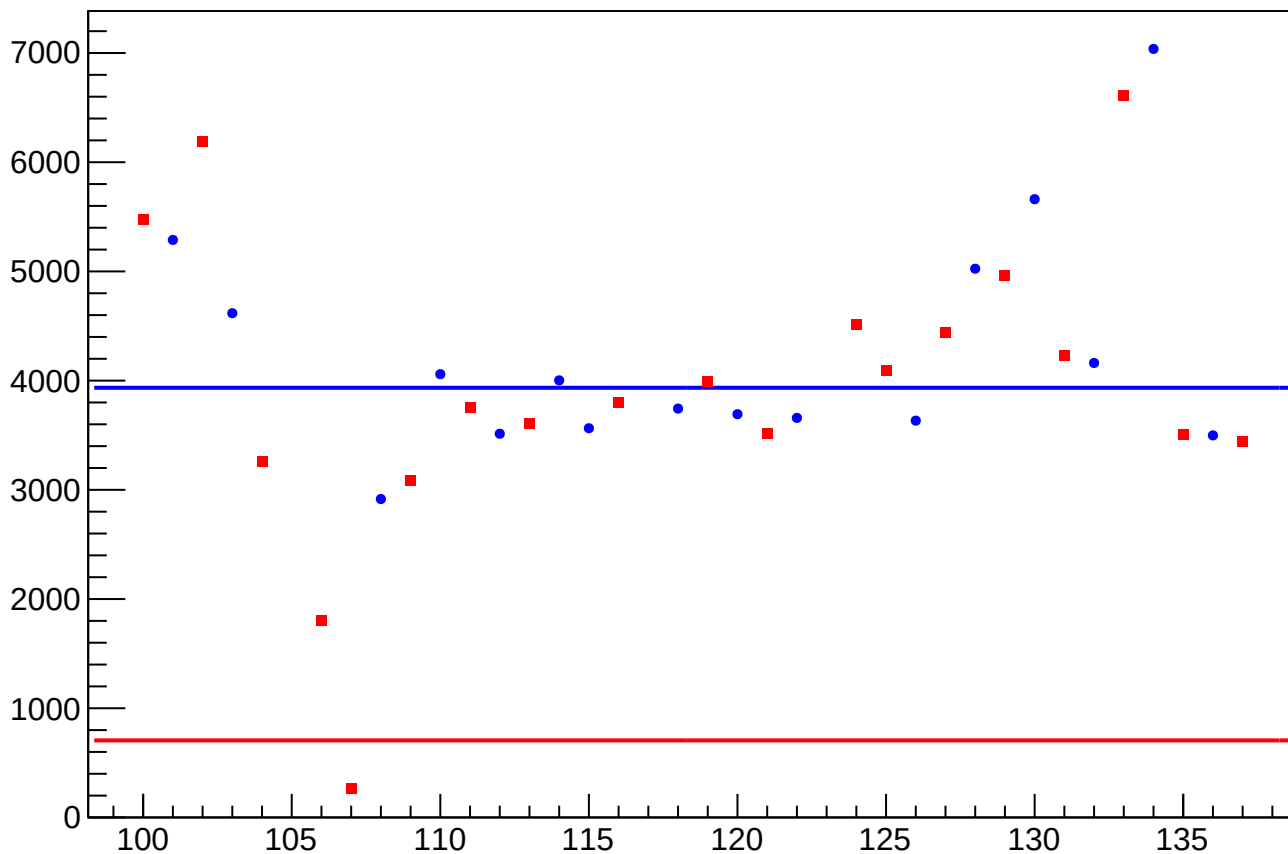
Right: 226.306 $\pm$ 484.867 χ^2 /NDF: 32.7/34

In: 1175.408 $\pm$ 1502.134 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 226.306 $\pm$ 484.867 χ^2 /NDF: 32.7/34

asym_atl1r2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 705.620+/-0.362 χ^2/NDF : 10747208.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

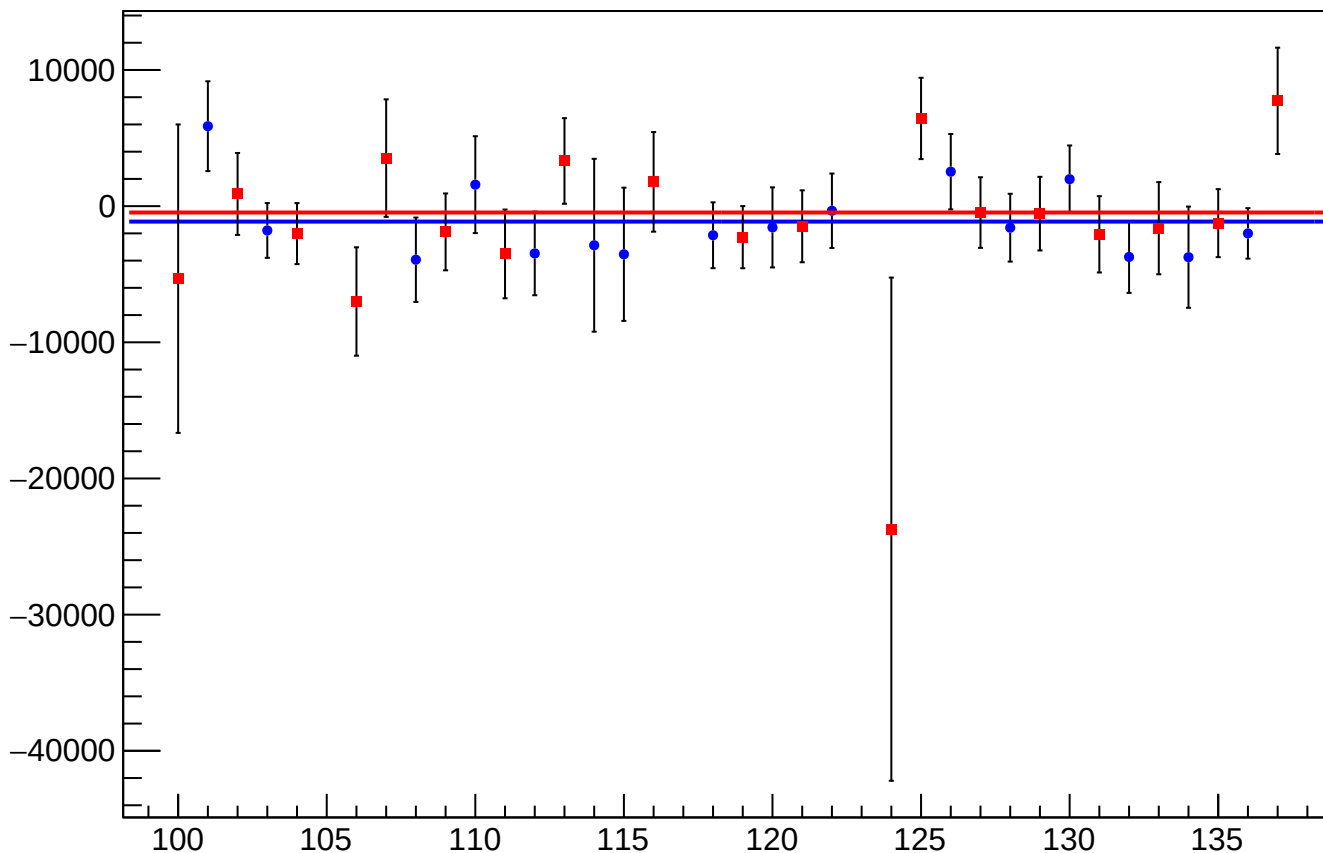
Right: 1042.063+/-0.343 χ^2/NDF : 19586646.8/34

In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.063+/-0.343 χ^2/NDF : 19586646.8/34

eigen_cor_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.899+/-705.928 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

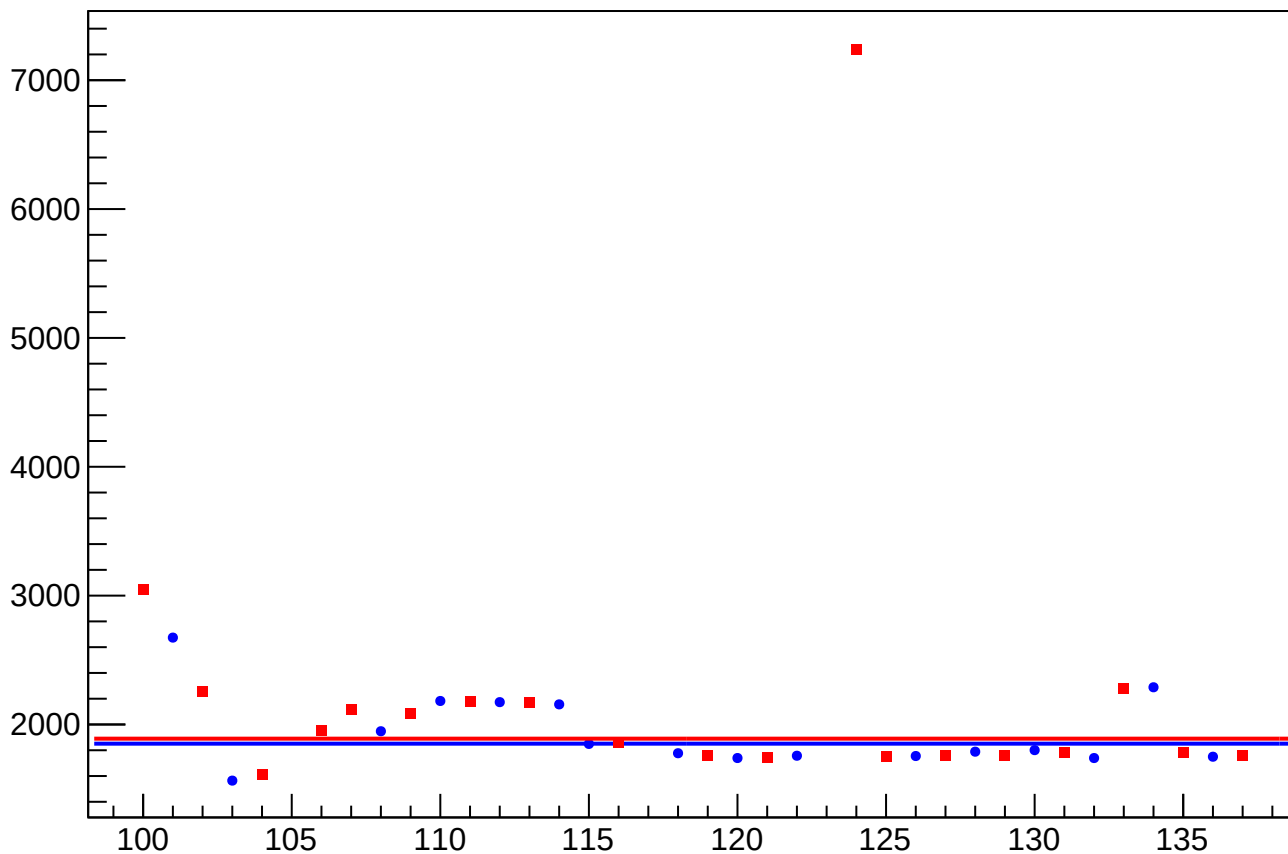
Right: -805.849+/-494.816 χ^2/NDF : 32.7/34

In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -805.849+/-494.816 χ^2/NDF : 32.7/34

eigen_cor_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1889.986+/-0.498 χ^2/NDF : 359122.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

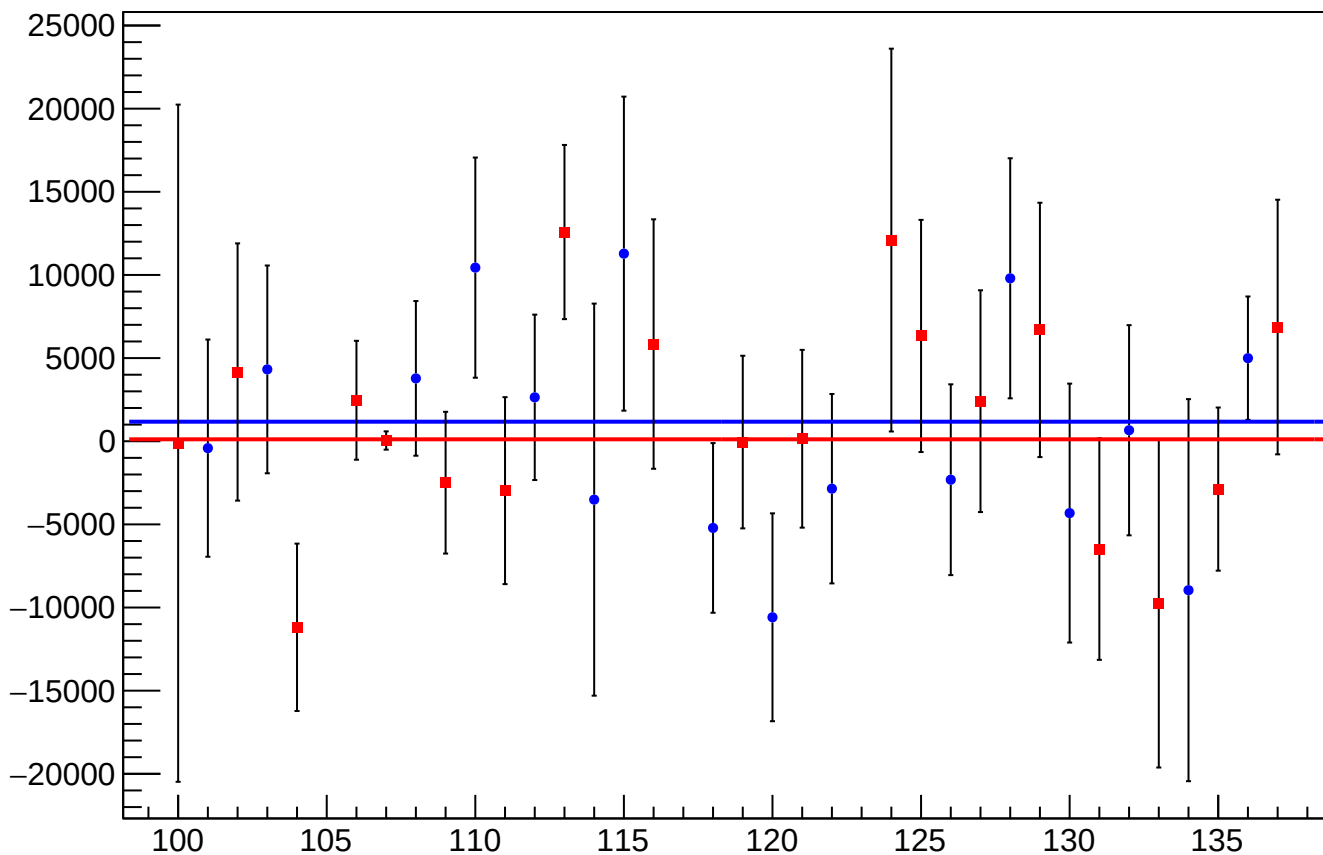
Right: 1870.262+/-0.350 χ^2/NDF : 622191.7/34

In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1870.262+/-0.350 χ^2/NDF : 622191.7/34

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1175.408 $\pm$ 1502.134 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.917 $\pm$ 512.289 χ^2 /NDF: 18.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

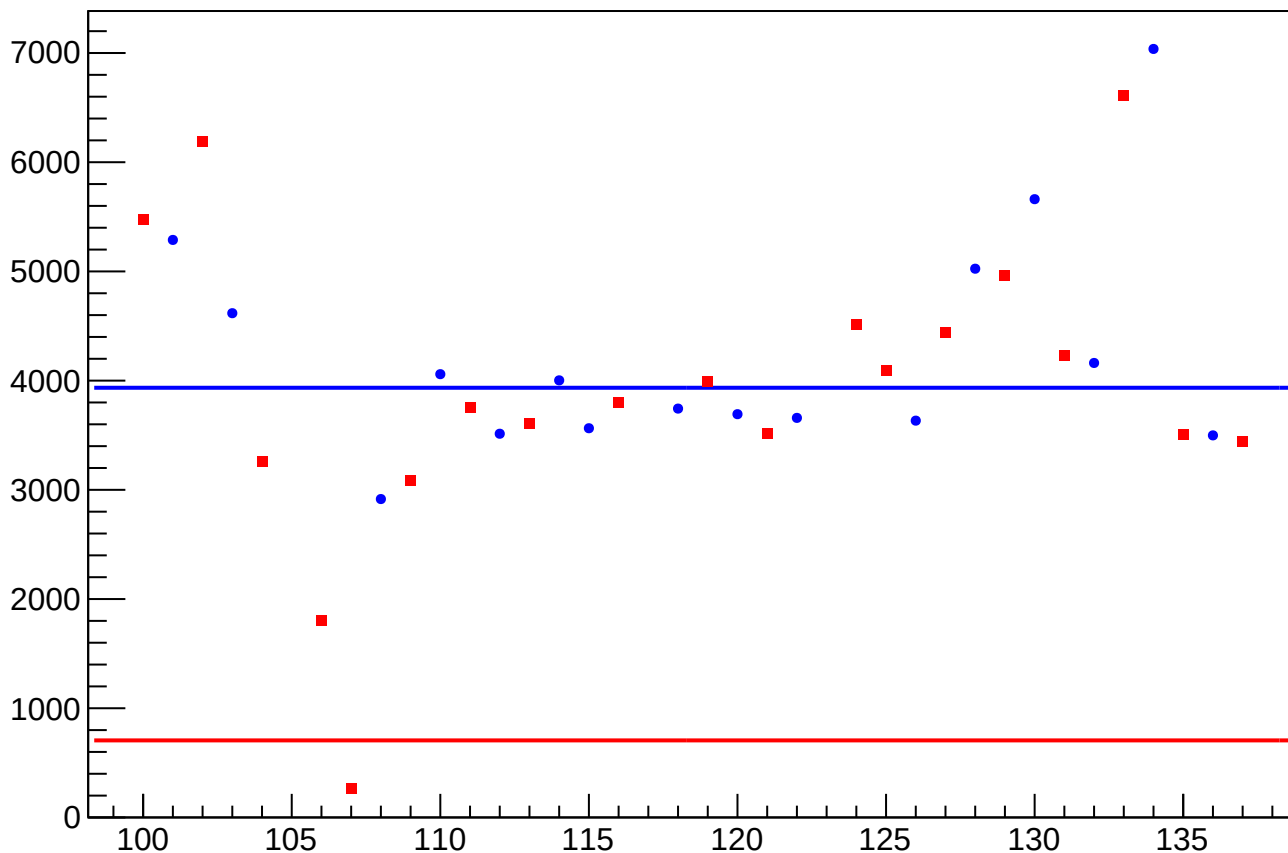
Right: 226.306 $\pm$ 484.867 χ^2 /NDF: 32.7/34

In: 1175.408 $\pm$ 1502.134 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 226.306 $\pm$ 484.867 χ^2 /NDF: 32.7/34

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 705.620+/-0.362 χ^2/NDF : 10747208.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

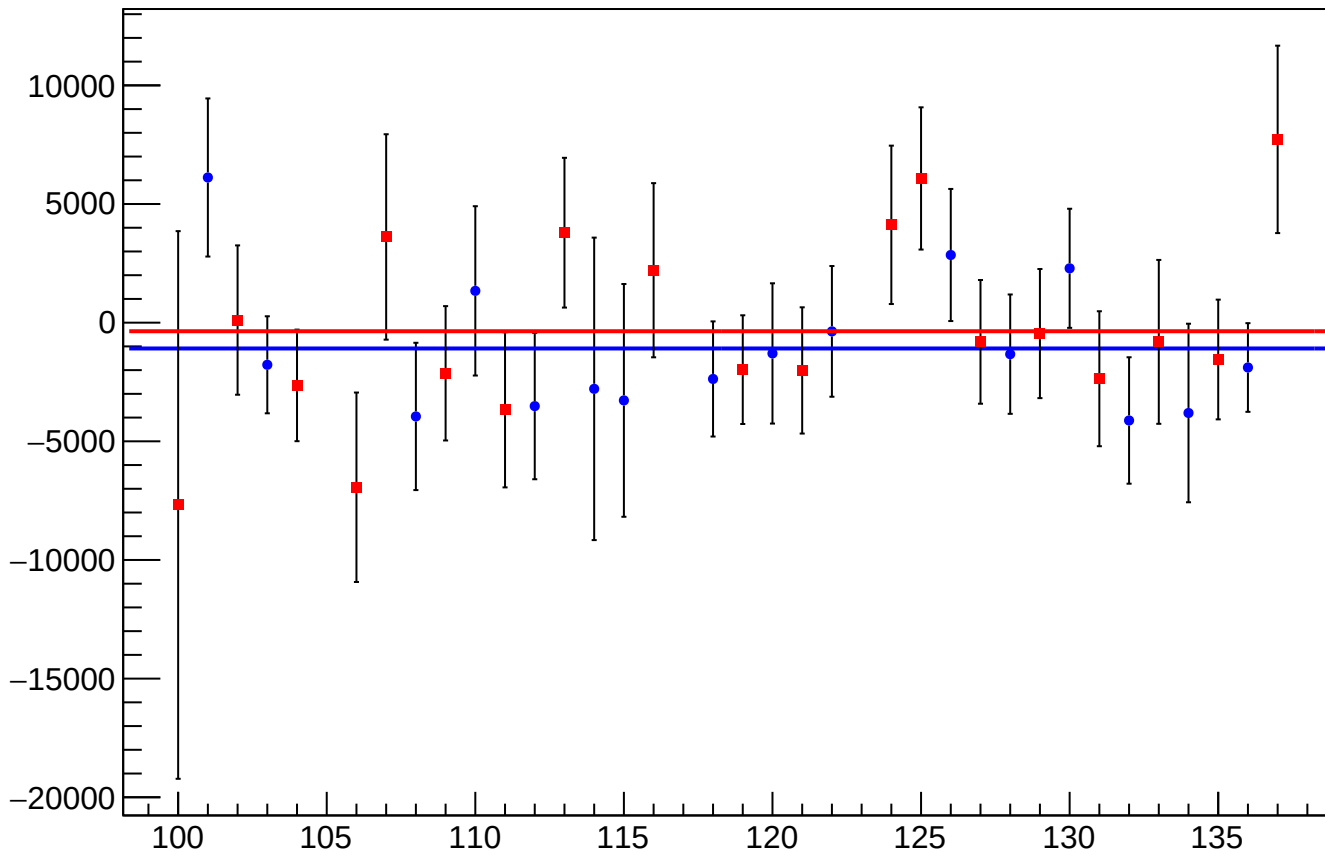
Right: 1042.063+/-0.343 χ^2/NDF : 19586646.8/34

In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1042.063+/-0.343 χ^2/NDF : 19586646.8/34

dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1087.731 ± 699.579 χ^2/NDF : 13.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -361.218 ± 699.665 χ^2/NDF : 20.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

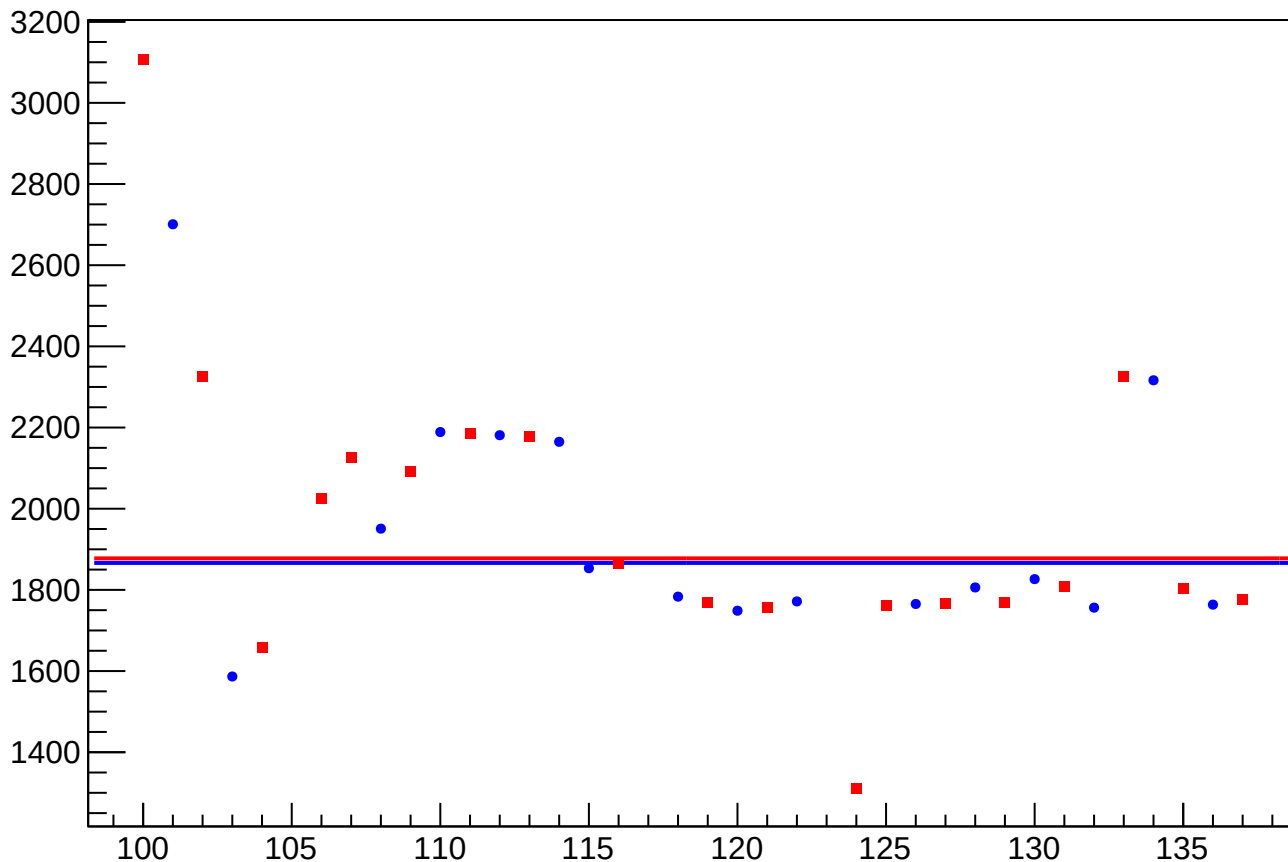
Right: -724.519 ± 494.707 χ^2/NDF : 34.5/34

In: -1087.731 ± 699.579 χ^2/NDF : 13.2/15

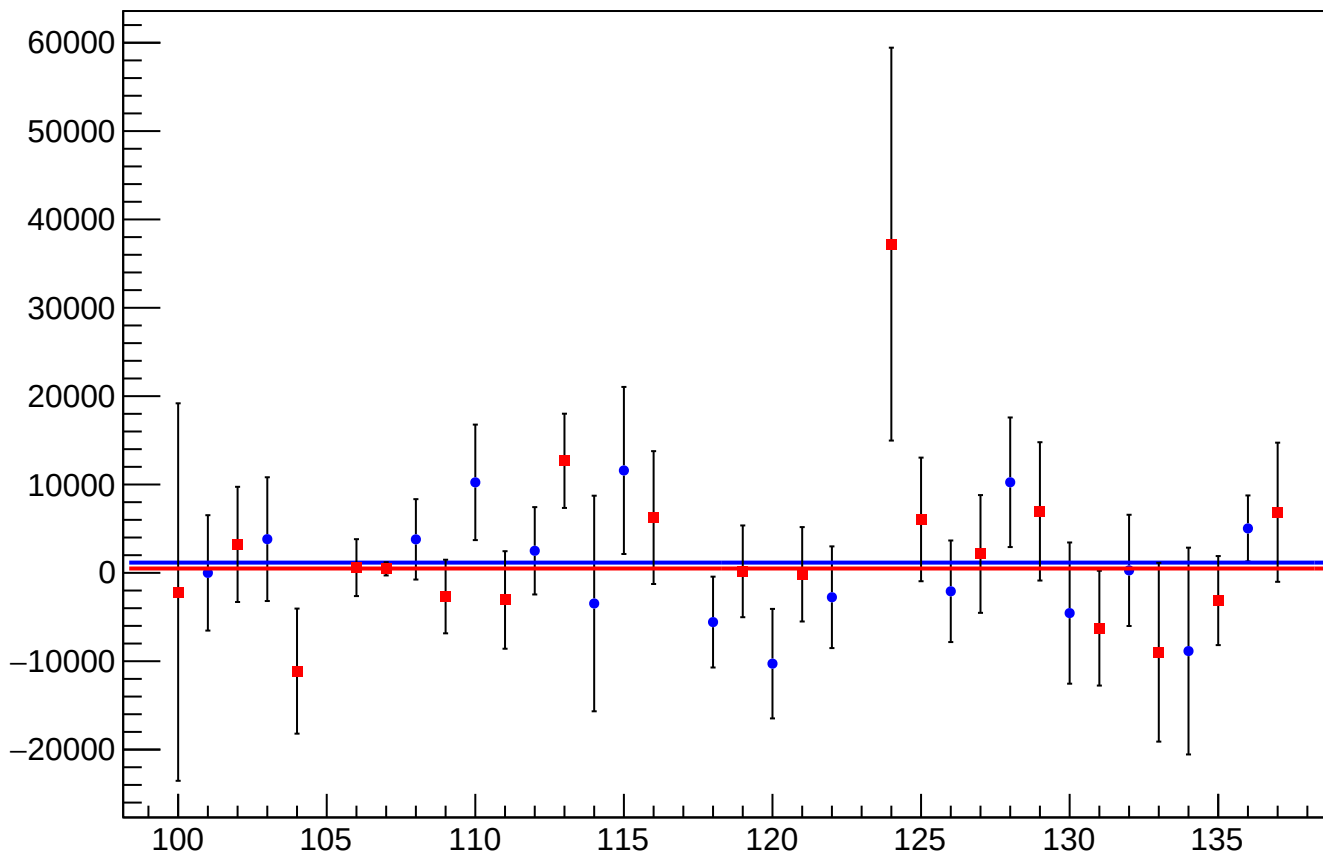
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -724.519 ± 494.707 χ^2/NDF : 34.5/34

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



asym_atl1r2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1161.124+/-1512.225 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.907+/-658.510 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

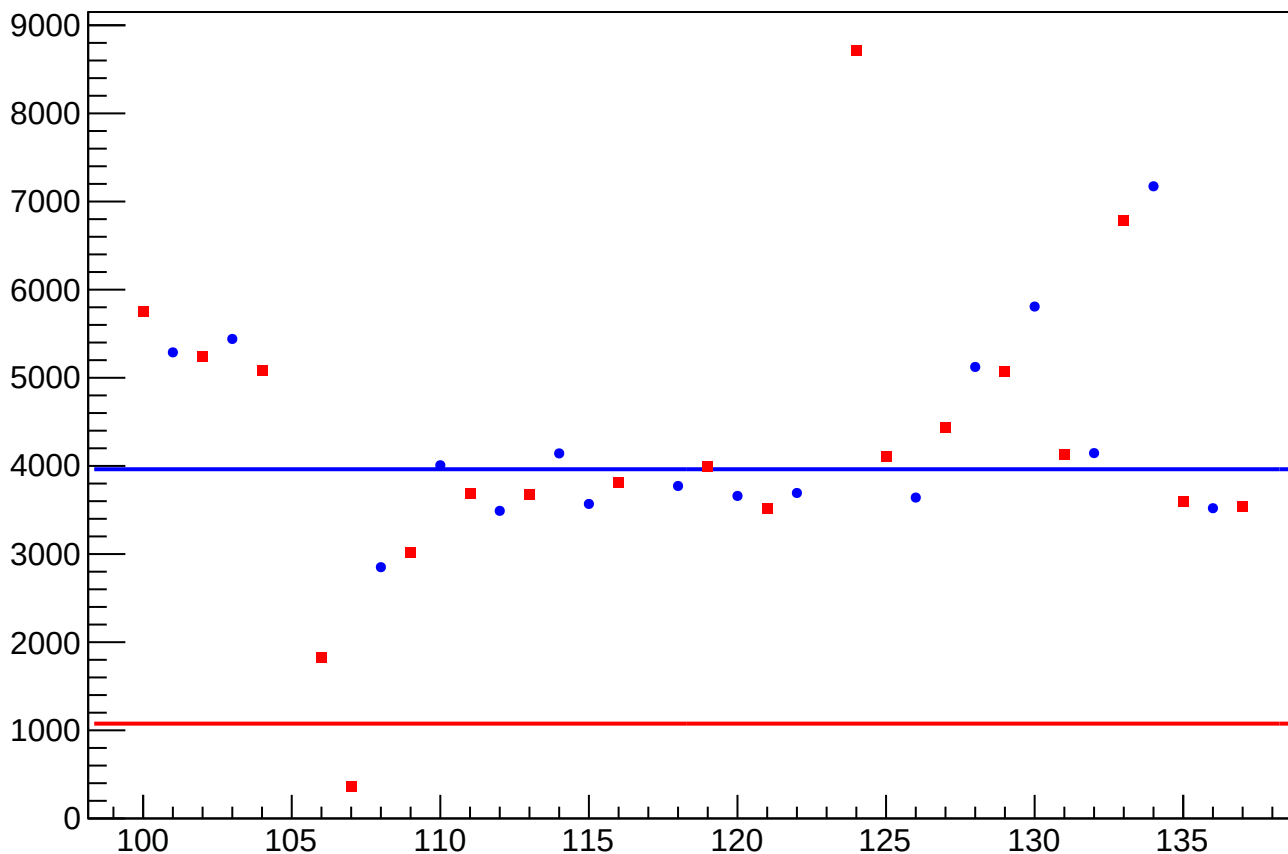
Right: 599.419+/-603.751 χ^2/NDF : 30.8/34

In: 1161.124+/-1512.225 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.419+/-603.751 χ^2/NDF : 30.8/34

asym_atl1r2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3962.368+/-1.069 χ^2/NDF : 668339.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1075.957+/-0.466 χ^2/NDF : 9558372.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

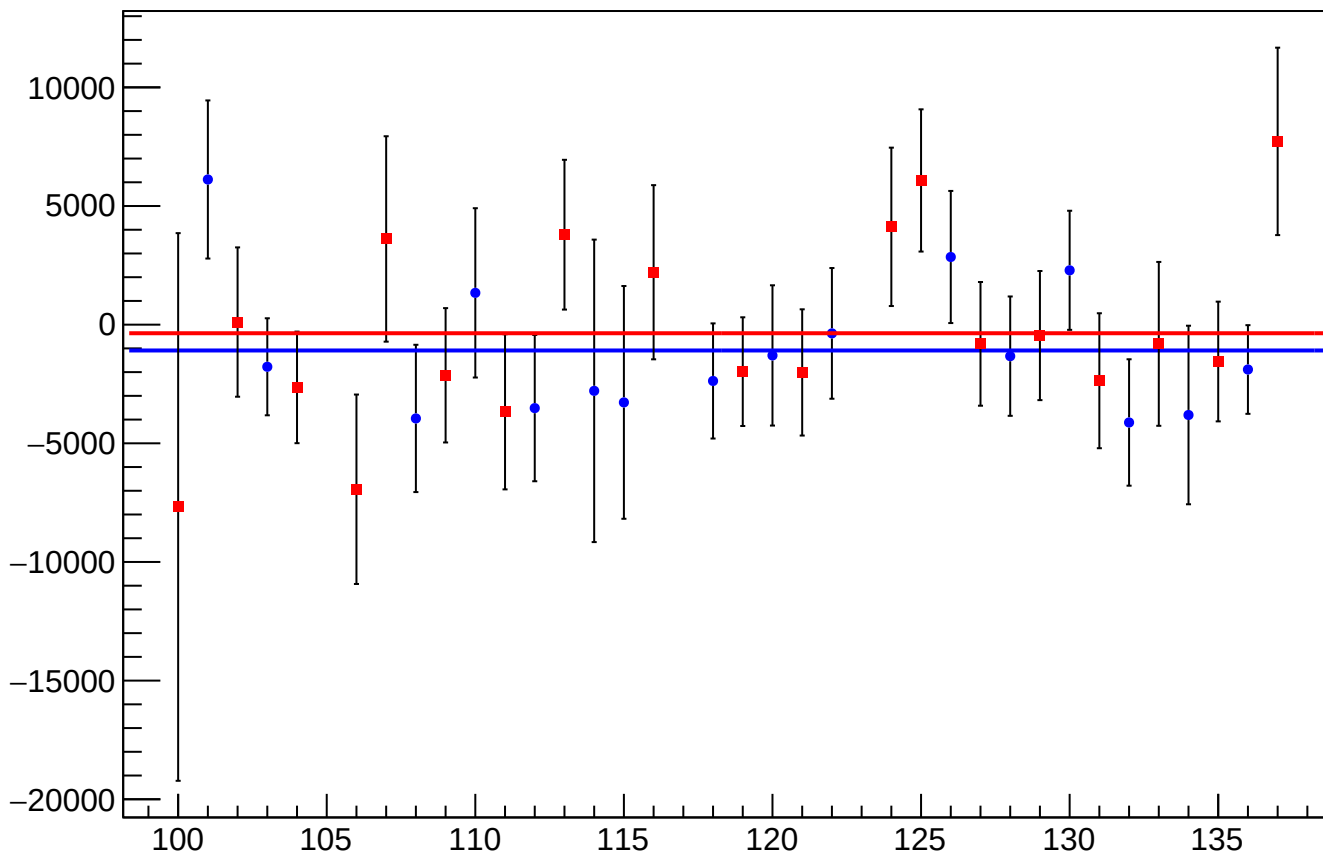
Right: 1536.045+/-0.427 χ^2/NDF : 16351680.6/34

In: 3962.368+/-1.069 χ^2/NDF : 668339.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.045+/-0.427 χ^2/NDF : 16351680.6/34

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1087.736 $\pm$ 699.579 χ^2 /NDF: 13.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -361.223 $\pm$ 699.665 χ^2 /NDF: 20.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

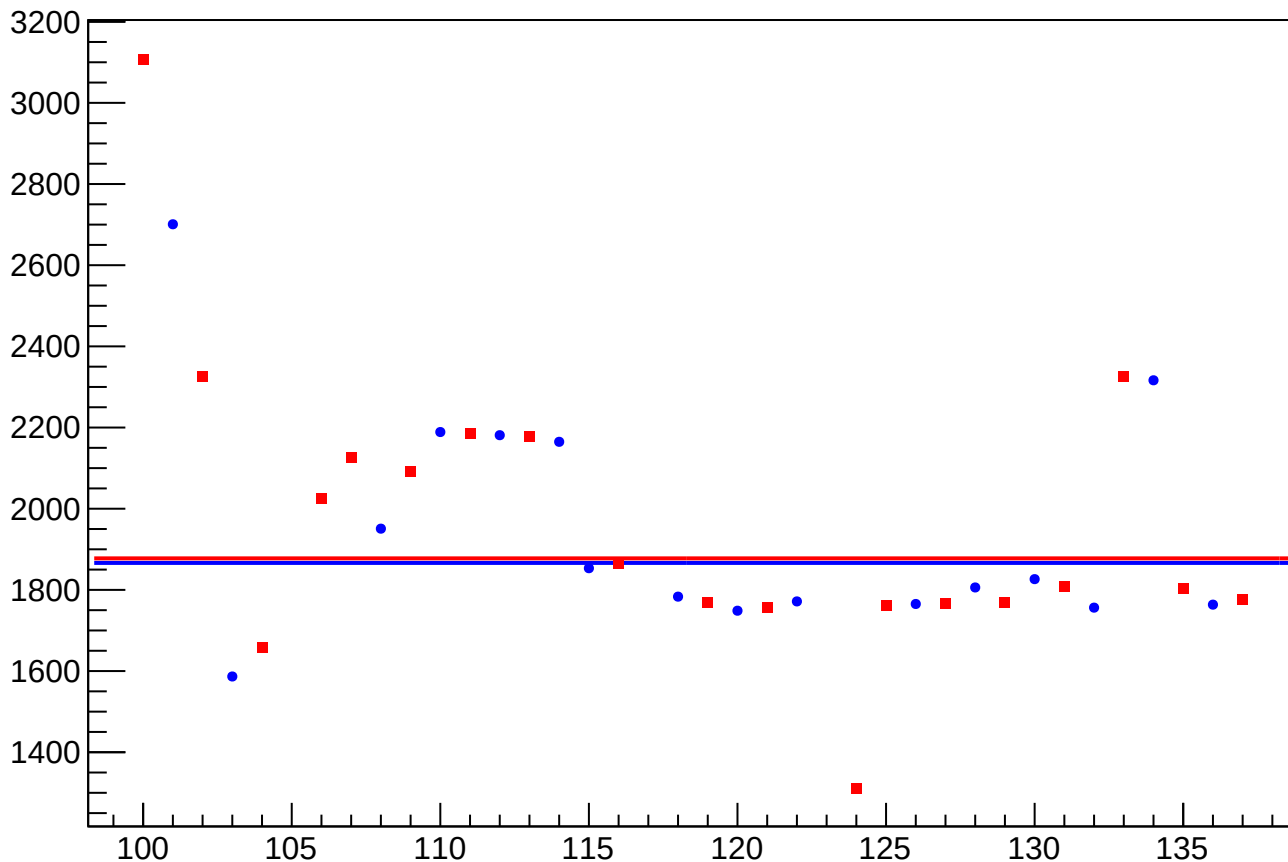
Right: -724.524 $\pm$ 494.707 χ^2 /NDF: 34.5/34

In: -1087.736 $\pm$ 699.579 χ^2 /NDF:13.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -724.524 $\pm$ 494.707 χ^2 /NDF: 34.5/34

eigen_dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1866.456+/-0.495 χ^2/NDF : 256262.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.659+/-0.494 χ^2/NDF : 251850.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

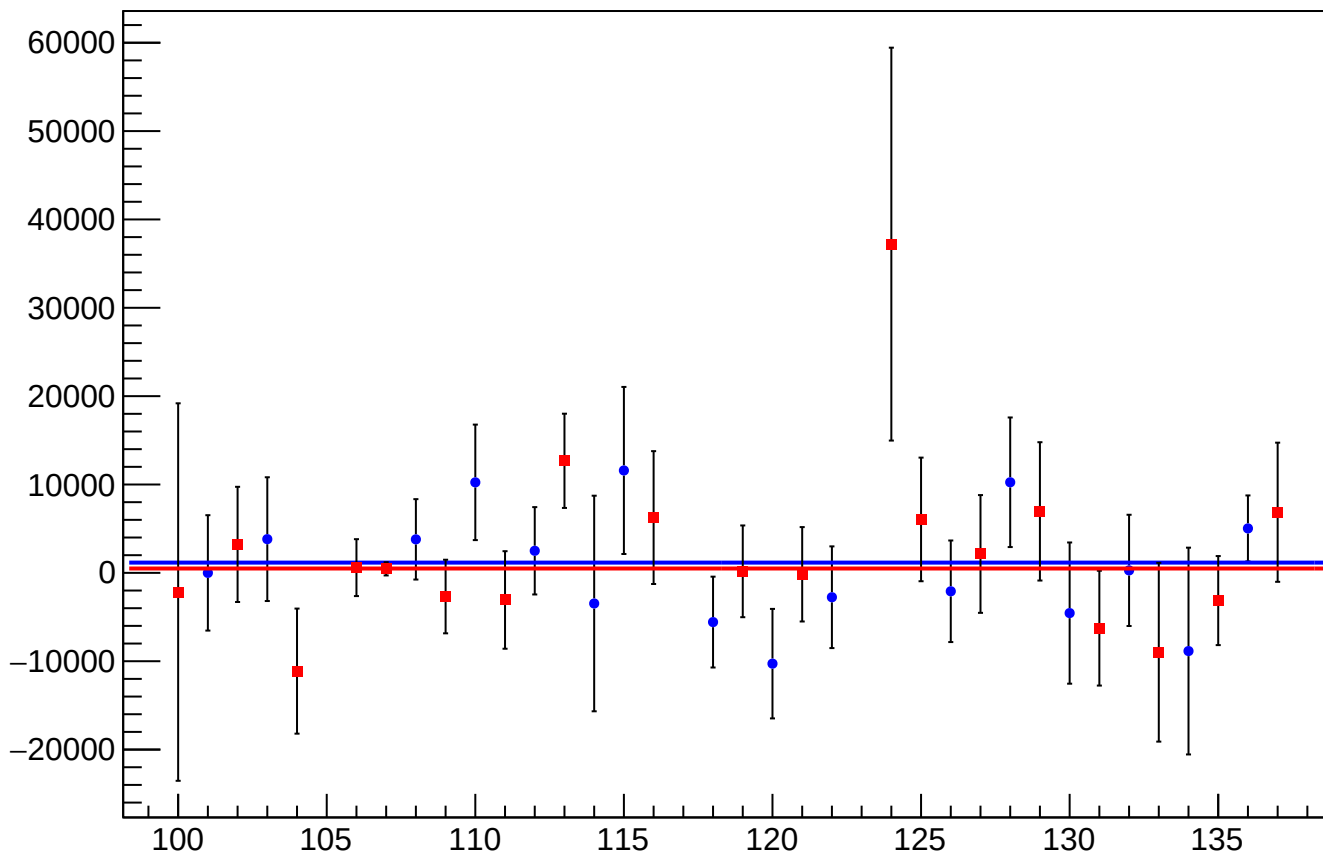
Right: 1872.061+/-0.350 χ^2/NDF : 508369.7/34

In: 1866.456+/-0.495 χ^2/NDF : 256262.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.061+/-0.350 χ^2/NDF : 508369.7/34

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1161.104+/-1512.222 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 492.914+/-658.521 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

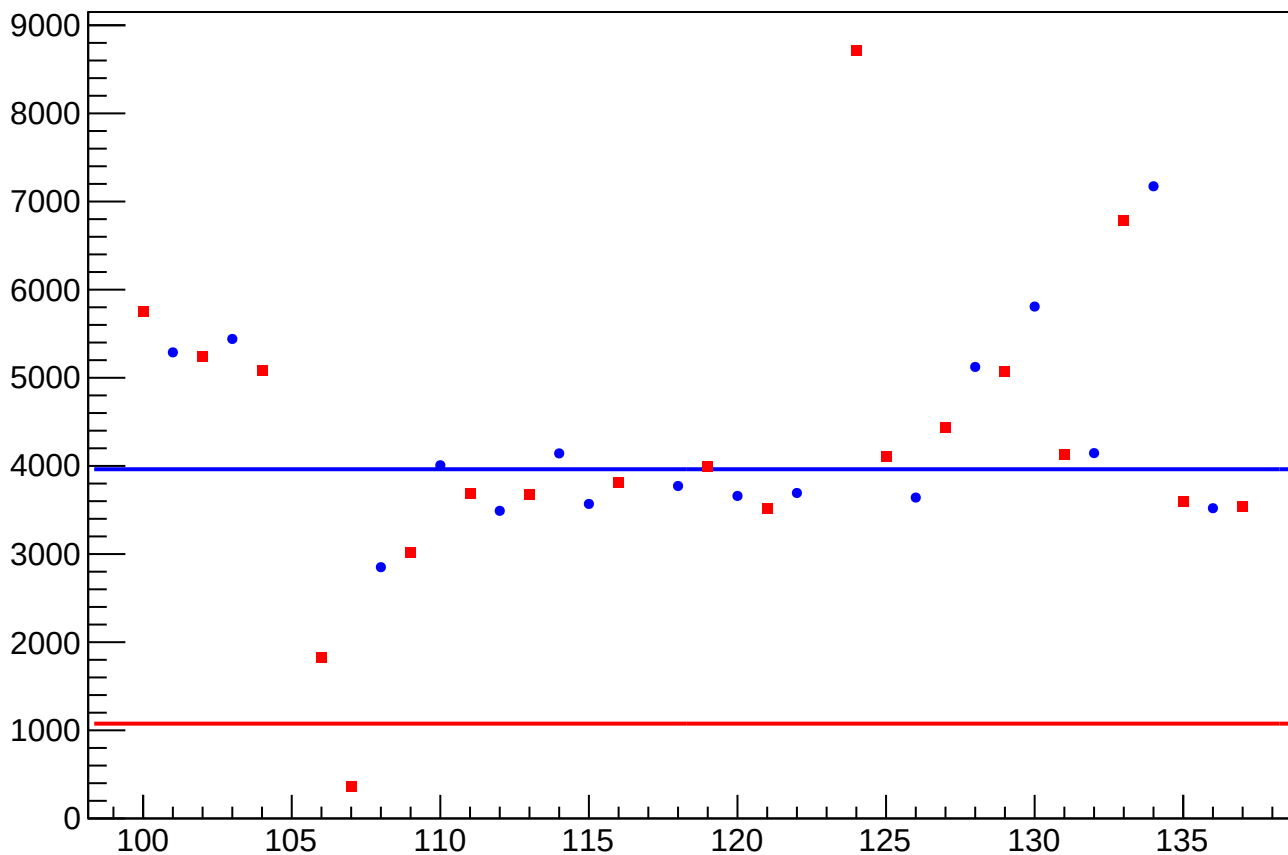
Right: 599.426+/-603.759 χ^2/NDF : 30.8/34

In: 1161.104+/-1512.222 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 599.426+/-603.759 χ^2/NDF : 30.8/34

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3962.361+/-1.069 χ^2/NDF : 668335.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1075.988+/-0.466 χ^2/NDF : 9558243.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

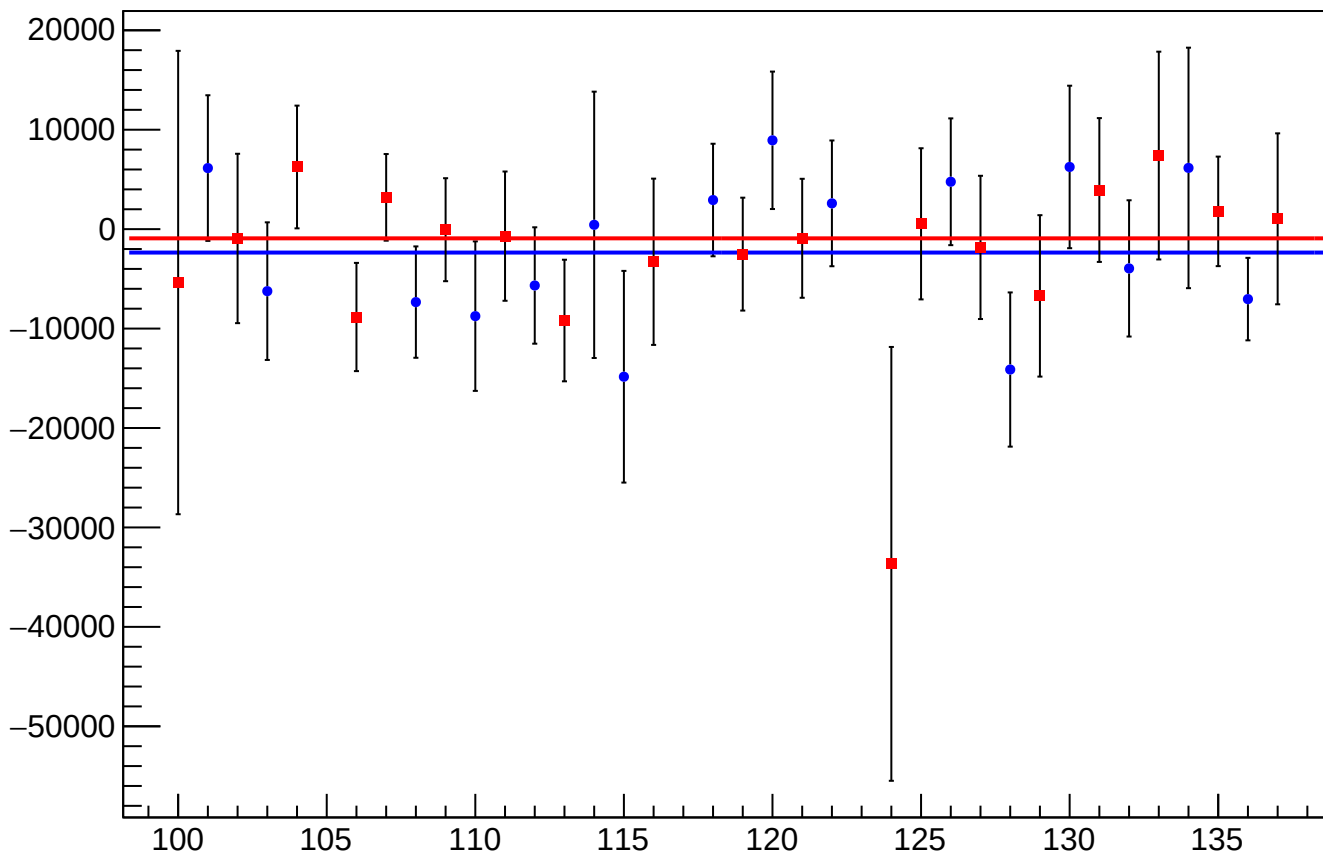
Right: 1536.084+/-0.427 χ^2/NDF : 16351375.7/34

In: 3962.361+/-1.069 χ^2/NDF : 668335.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1536.084+/-0.427 χ^2/NDF : 16351375.7/34

asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -2354.851+/-1684.784 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -924.896+/-1546.889 χ^2/NDF : 10.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

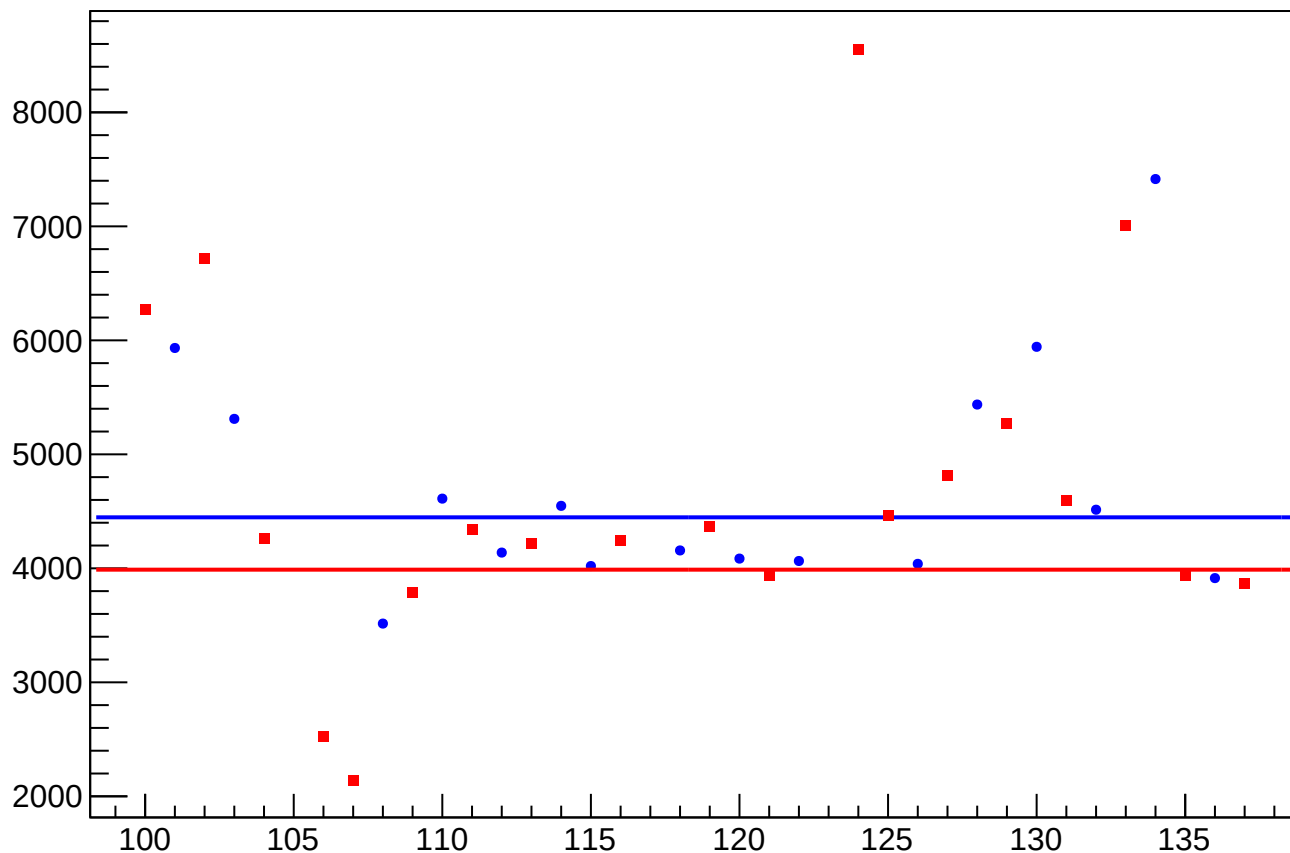
Right: -1578.969+/-1139.452 χ^2/NDF : 26.5/34

In: -2354.851+/-1684.784 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1578.969+/-1139.452 χ^2/NDF : 26.5/34

asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 4447.424+/-1.191 χ^2/NDF : 458251.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3988.249+/-1.083 χ^2/NDF : 1143932.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

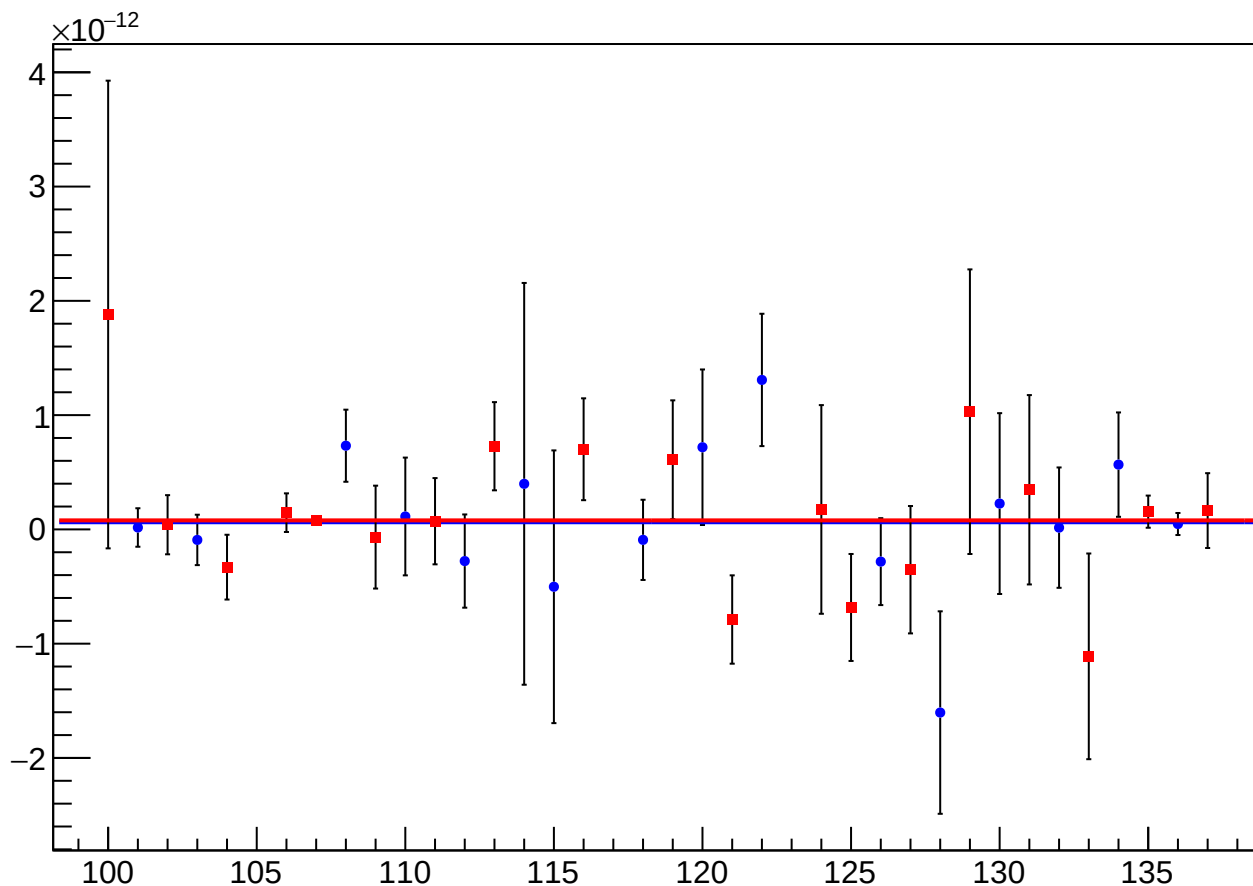
Right: 4196.010+/-0.801 χ^2/NDF : 1683524.5/34

In: 4447.424+/-1.191 χ^2/NDF : 458251.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4196.010+/-0.801 χ^2/NDF : 1683524.5/34

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

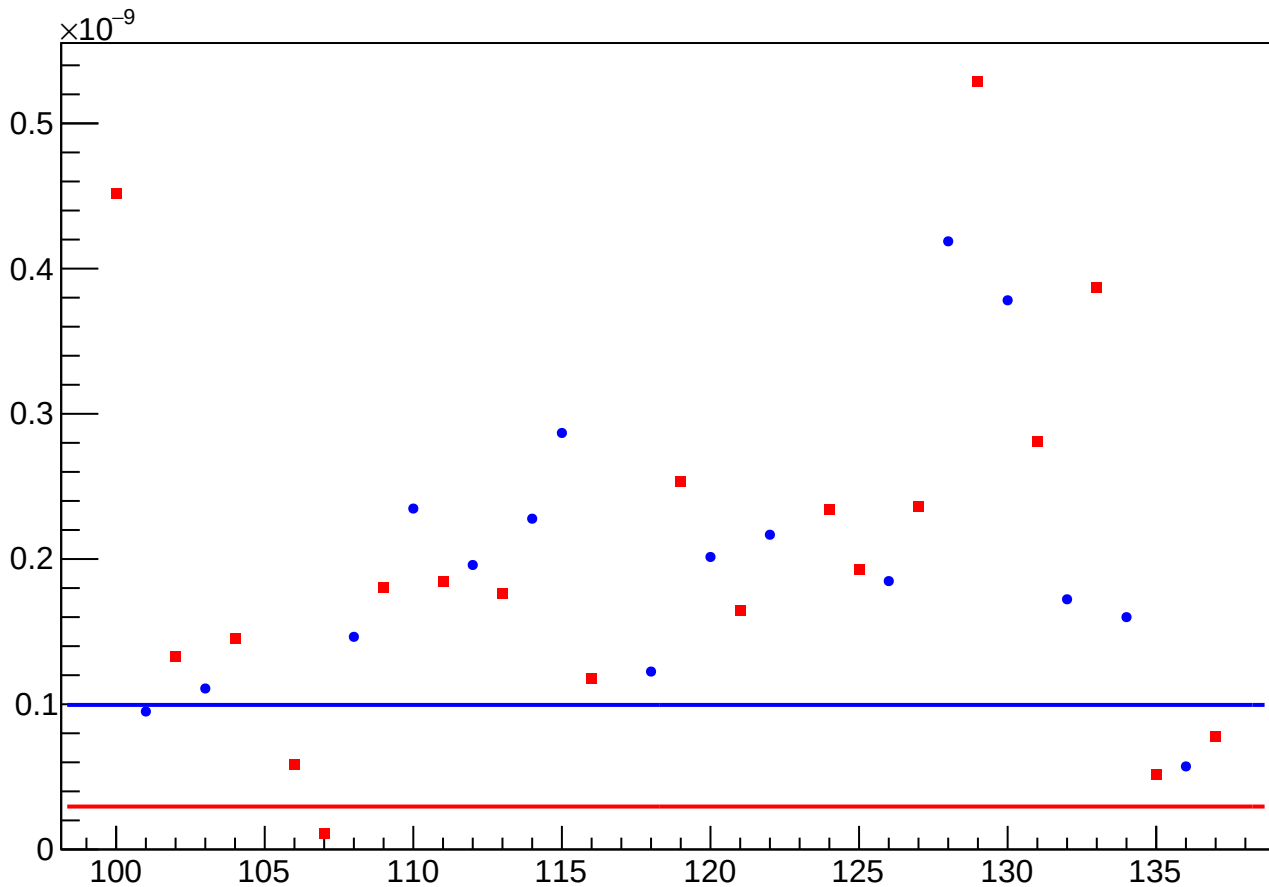
Right: 0.000+/-0.000 χ^2/NDF : 37.5/34

In: 0.000+/-0.000 χ^2/NDF : 17.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.5/34

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1562904.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4363474.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

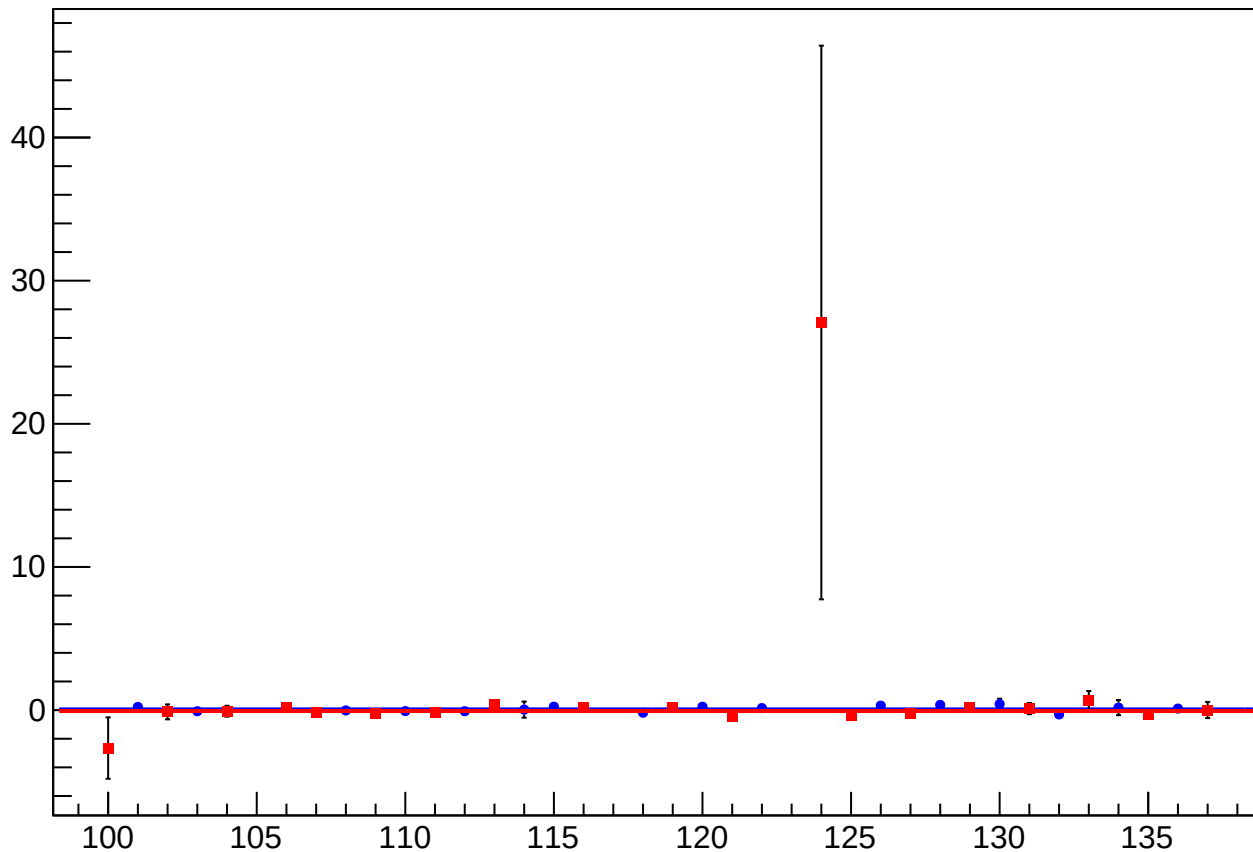
Right: 0.000+/-0.000 χ^2/NDF : 7631581.8/34

In: 0.000+/-0.000 χ^2/NDF : 1562904.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7631581.8/34

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048+/-0.066 χ^2/NDF : 7.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.061+/-0.064 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

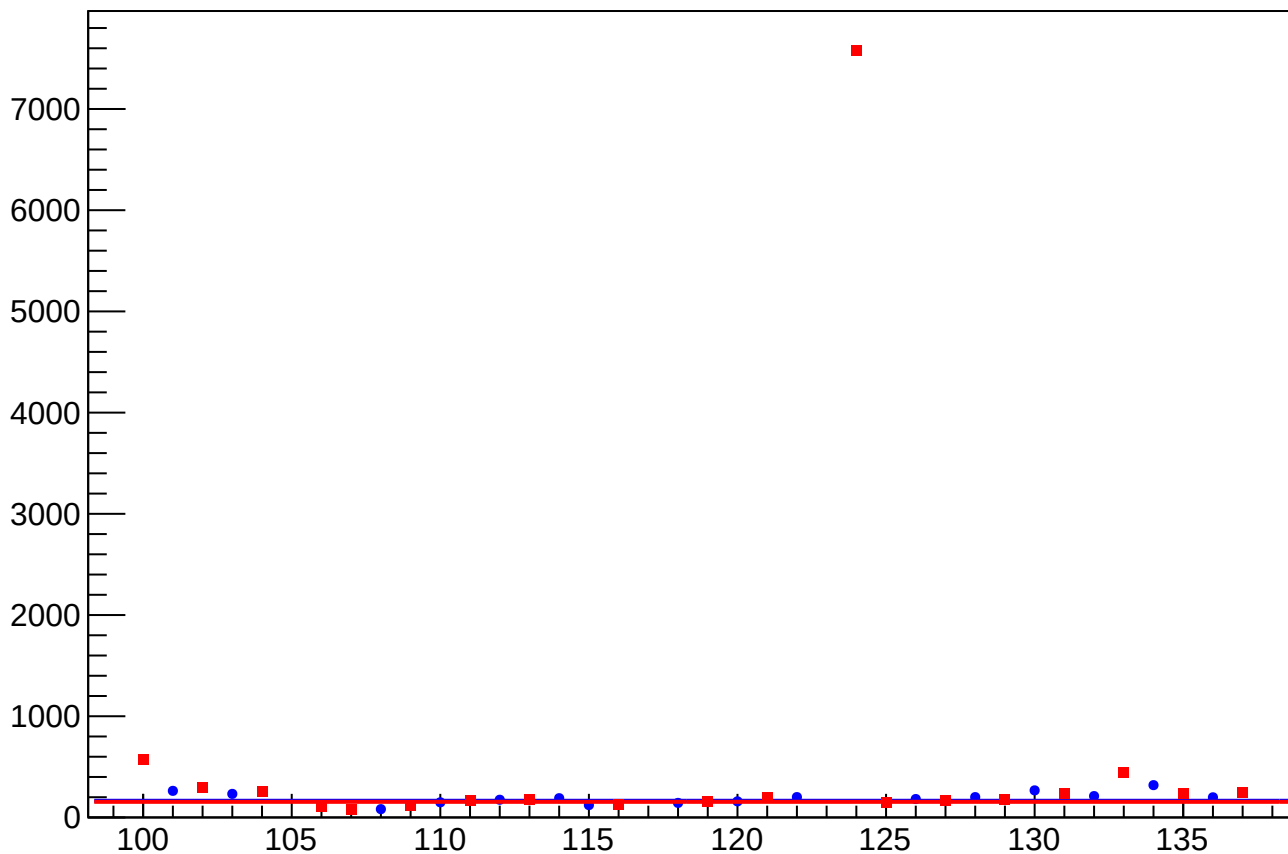
Right: -0.008+/-0.046 χ^2/NDF : 27.4/34

In: 0.048+/-0.066 χ^2/NDF : 7.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.046 χ^2/NDF : 27.4/34

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862 $\pm$ 0.047 χ^2 /NDF: 1474718.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.388 $\pm$ 0.046 χ^2 /NDF: 1921322.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

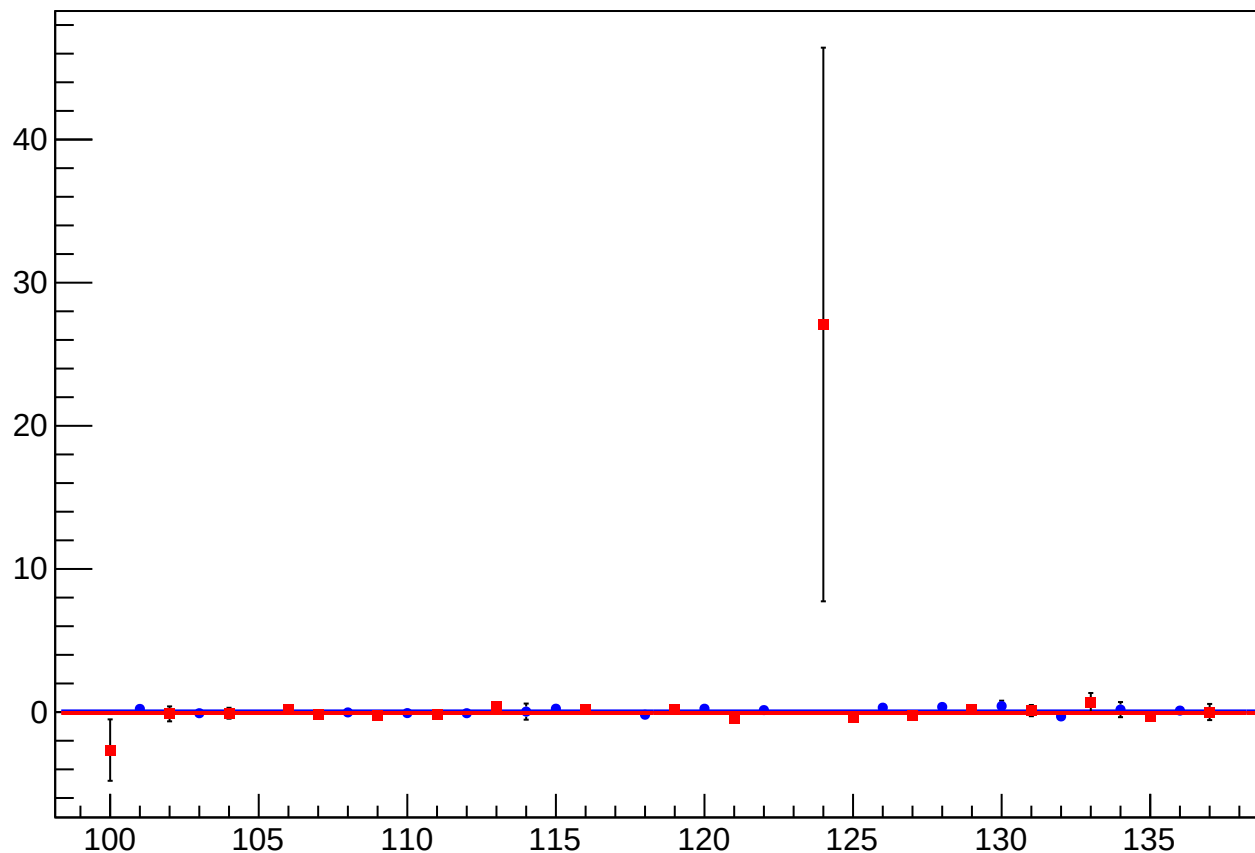
Right: 159.465 $\pm$ 0.033 χ^2 /NDF: 3421679.3/34

In: 164.862 $\pm$ 0.047 χ^2 /NDF: 1474718.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 159.465 $\pm$ 0.033 χ^2 /NDF: 3421679.3/34

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.066 χ^2 /NDF: 7.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.064 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

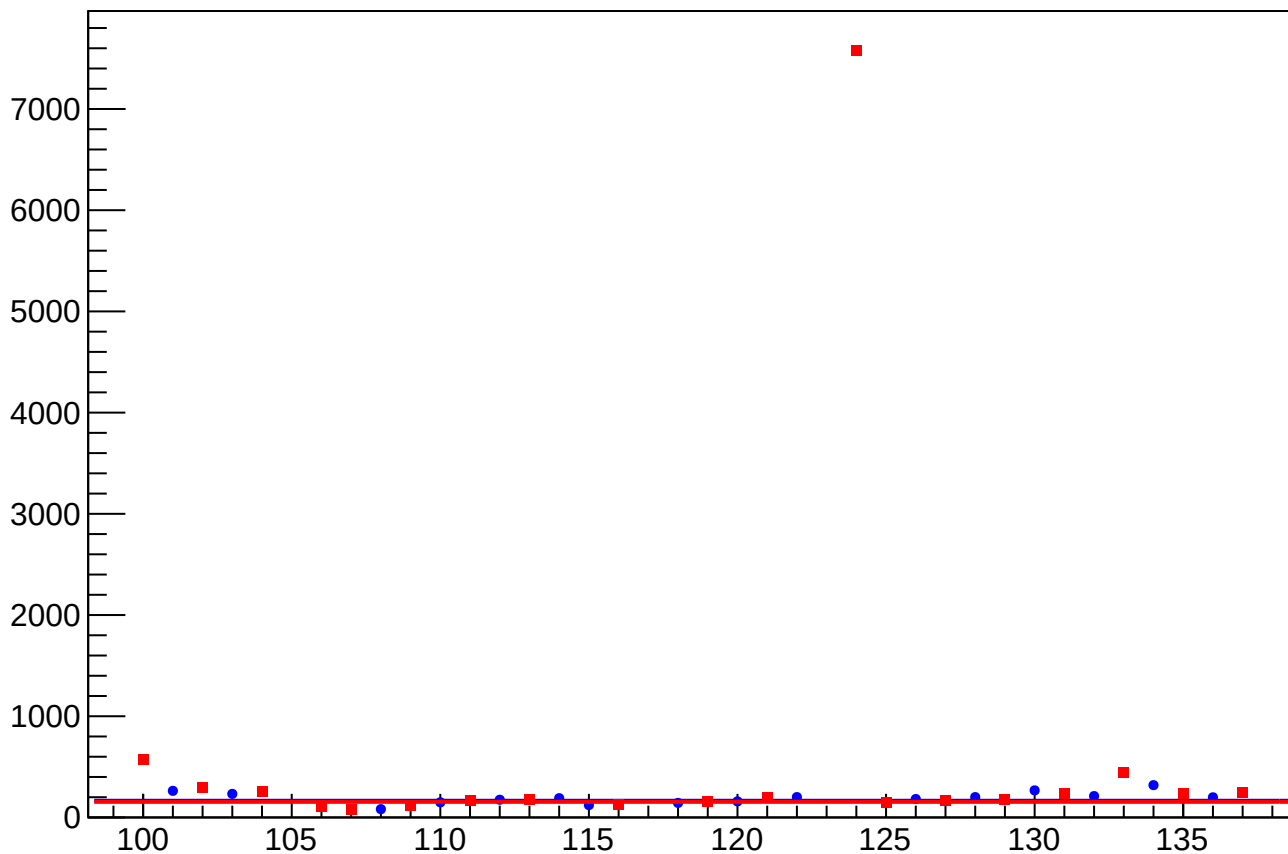
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

In: 0.048 $\pm$ 0.066 χ^2 /NDF:7.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862+/-0.047 χ^2/NDF : 1474718.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.388+/-0.046 χ^2/NDF : 1921322.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

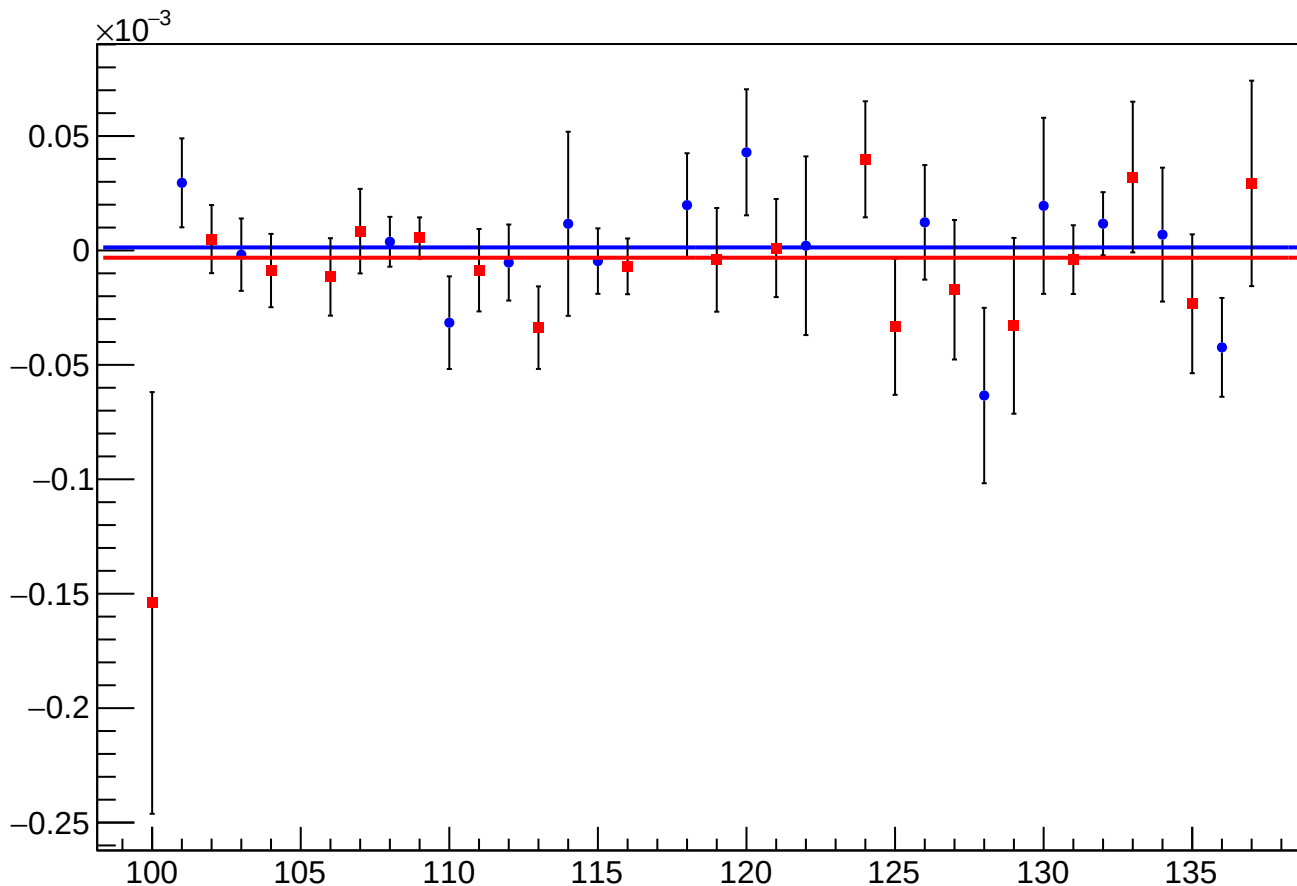
Right: 159.465+/-0.033 χ^2/NDF : 3421679.3/34

In: 164.862+/-0.047 χ^2/NDF : 1474718.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.465+/-0.033 χ^2/NDF : 3421679.3/34

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

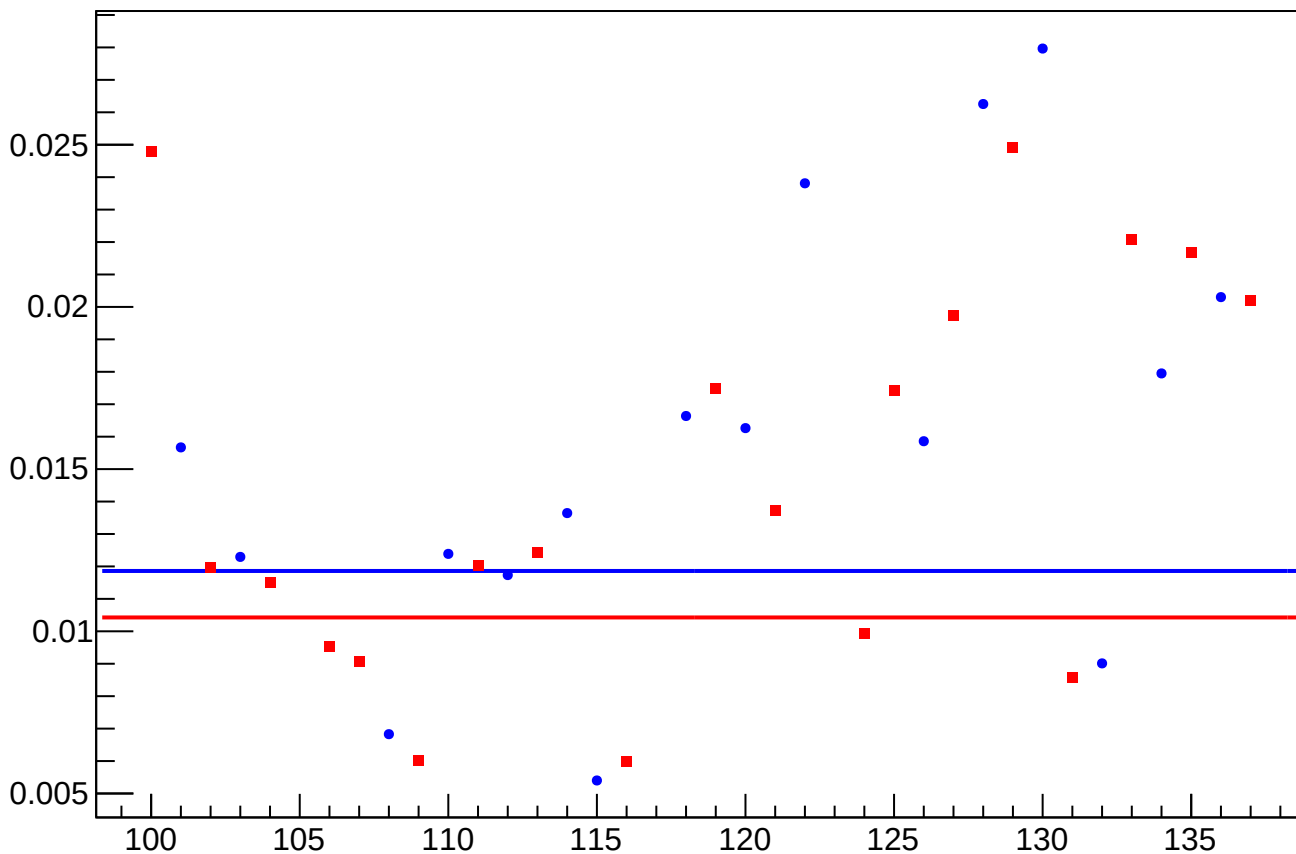
Right: -0.000+/-0.000 χ^2/NDF : 31.2/34

In: 0.000+/-0.000 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.2/34

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 2407192.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 2355101.8/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 4860752.3/34

In: 0.012+/-0.000

χ^2/NDF : 2407192.9/15

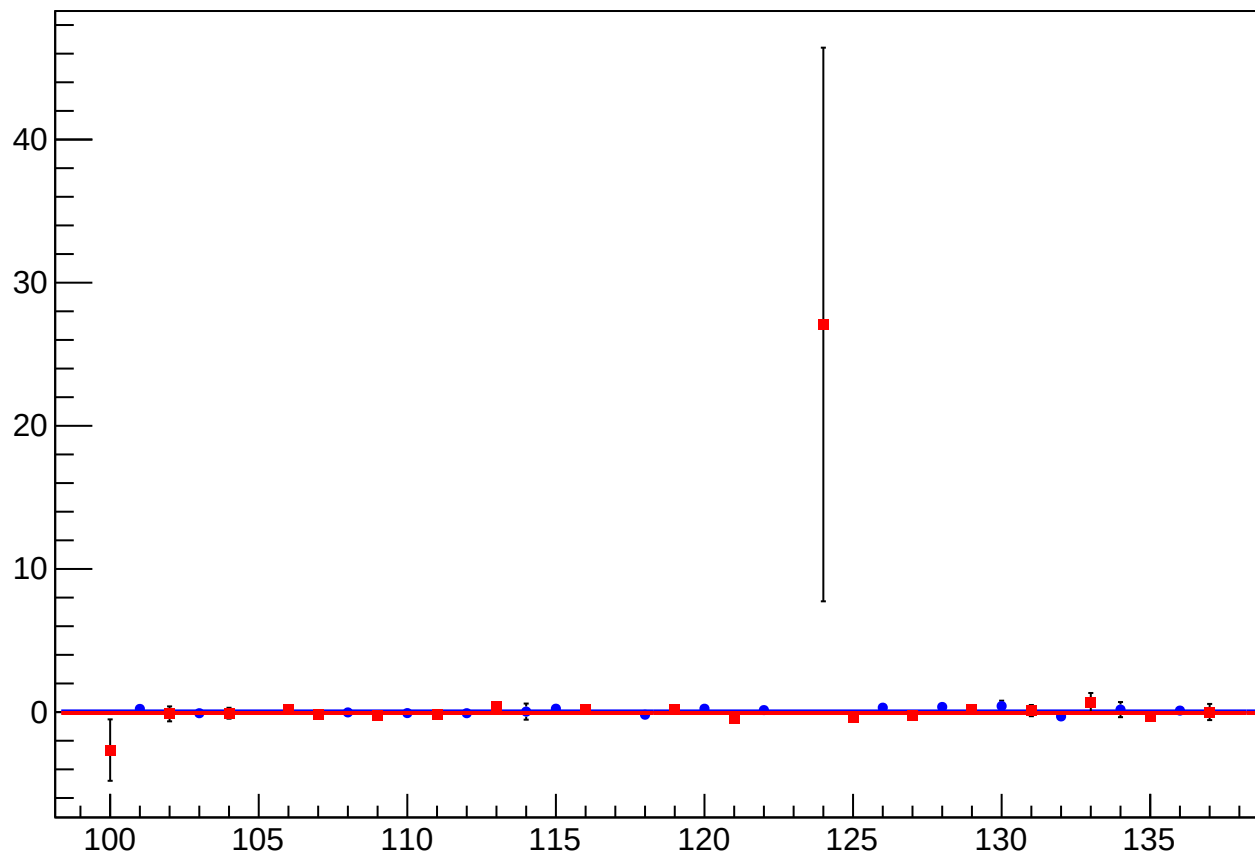
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 4860752.3/34

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.066 χ^2 /NDF: 7.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.064 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

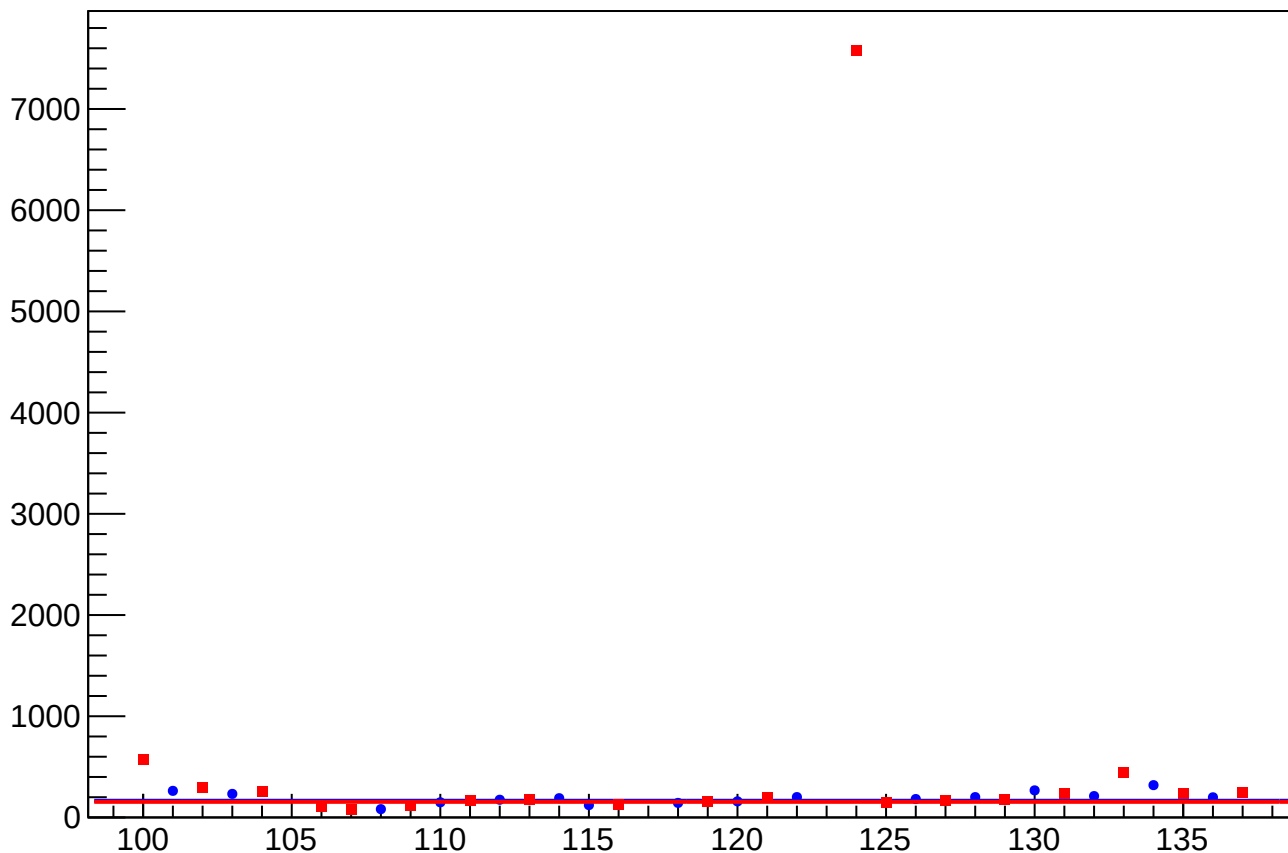
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

In: 0.048 $\pm$ 0.066 χ^2 /NDF:7.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862 $\pm$ 0.047 χ^2 /NDF: 1474692.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.388 $\pm$ 0.046 χ^2 /NDF: 1921346.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

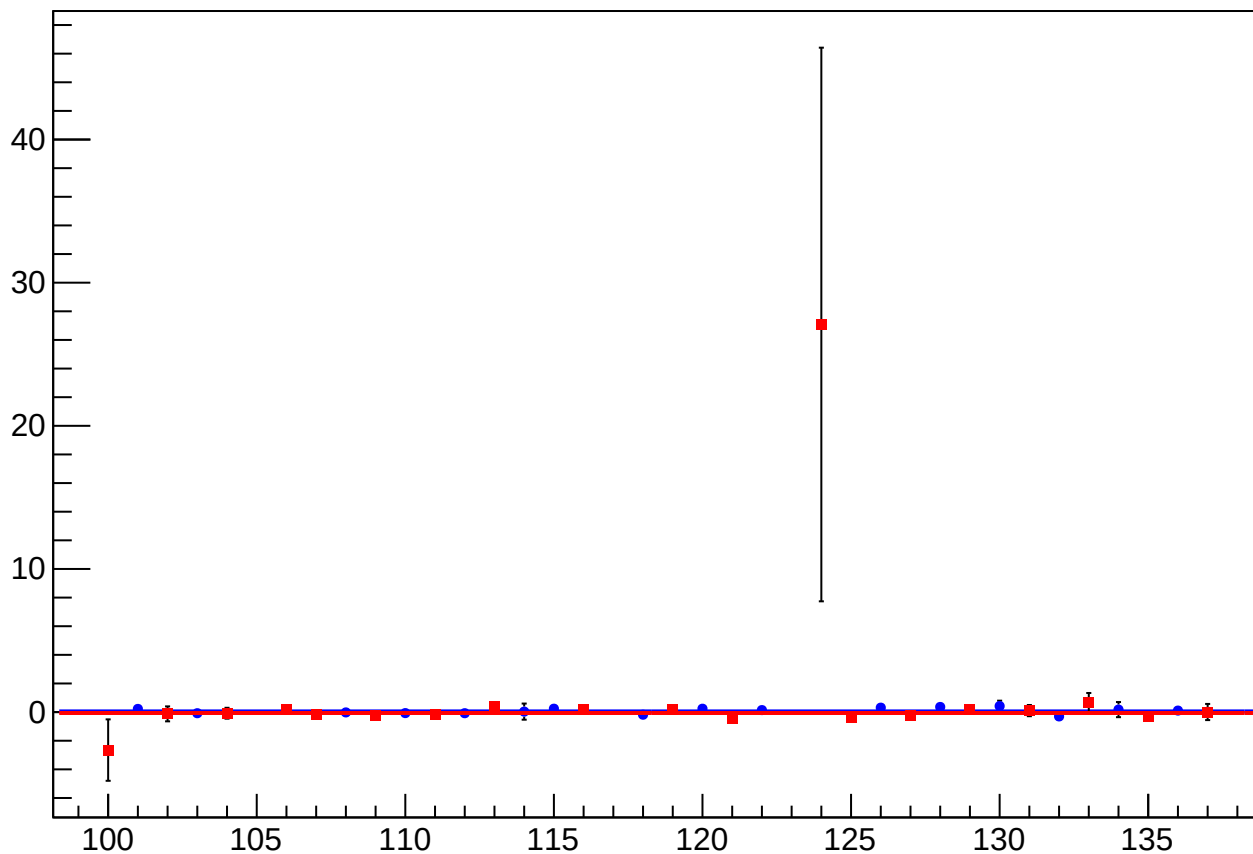
Right: 159.464 $\pm$ 0.033 χ^2 /NDF: 3421678.1/34

In: 164.862 $\pm$ 0.047 χ^2 /NDF:1474692.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.464 $\pm$ 0.033 χ^2 /NDF: 3421678.1/34

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.066 χ^2 /NDF: 7.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.061 $\pm$ 0.064 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

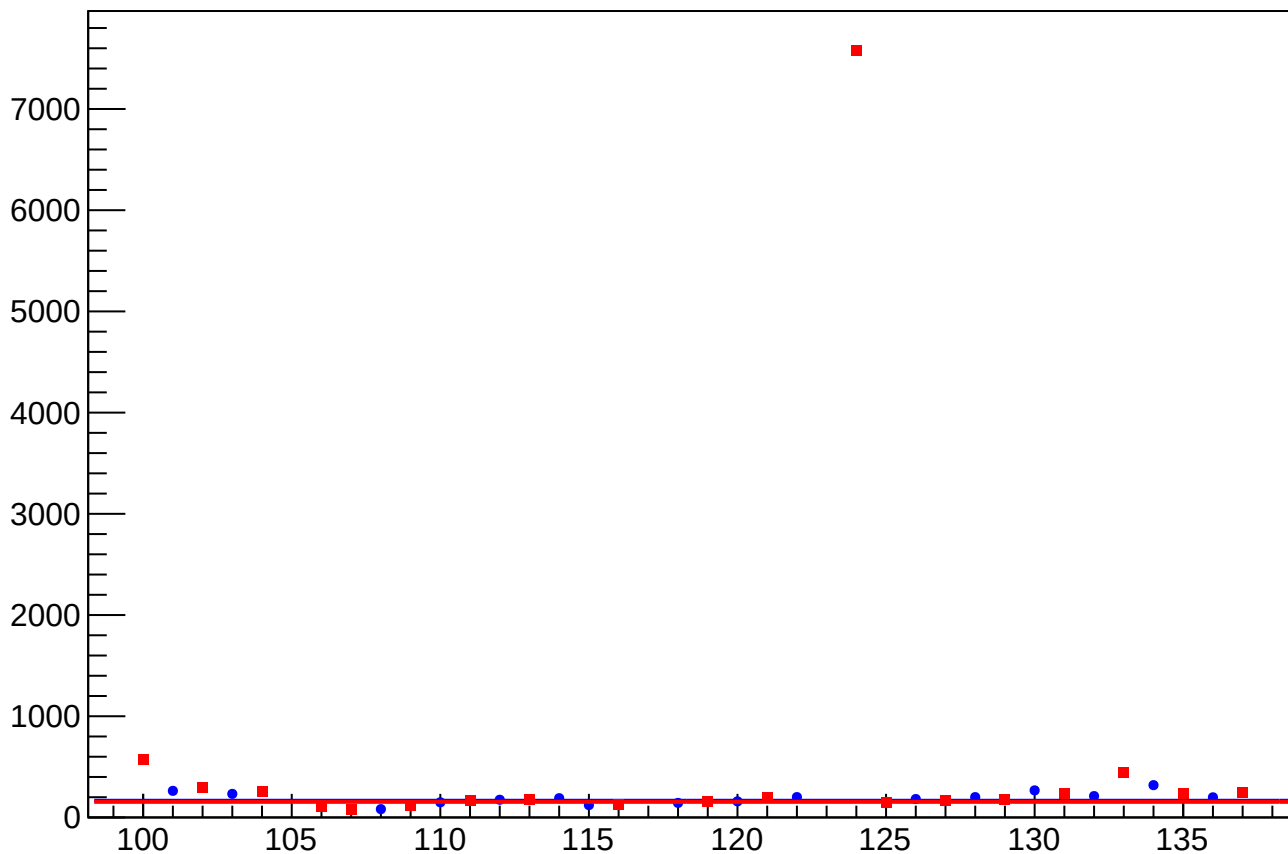
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

In: 0.048 $\pm$ 0.066 χ^2 /NDF:7.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/34

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862 $\pm$ 0.047 χ^2 /NDF: 1474692.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 154.388 $\pm$ 0.046 χ^2 /NDF: 1921346.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

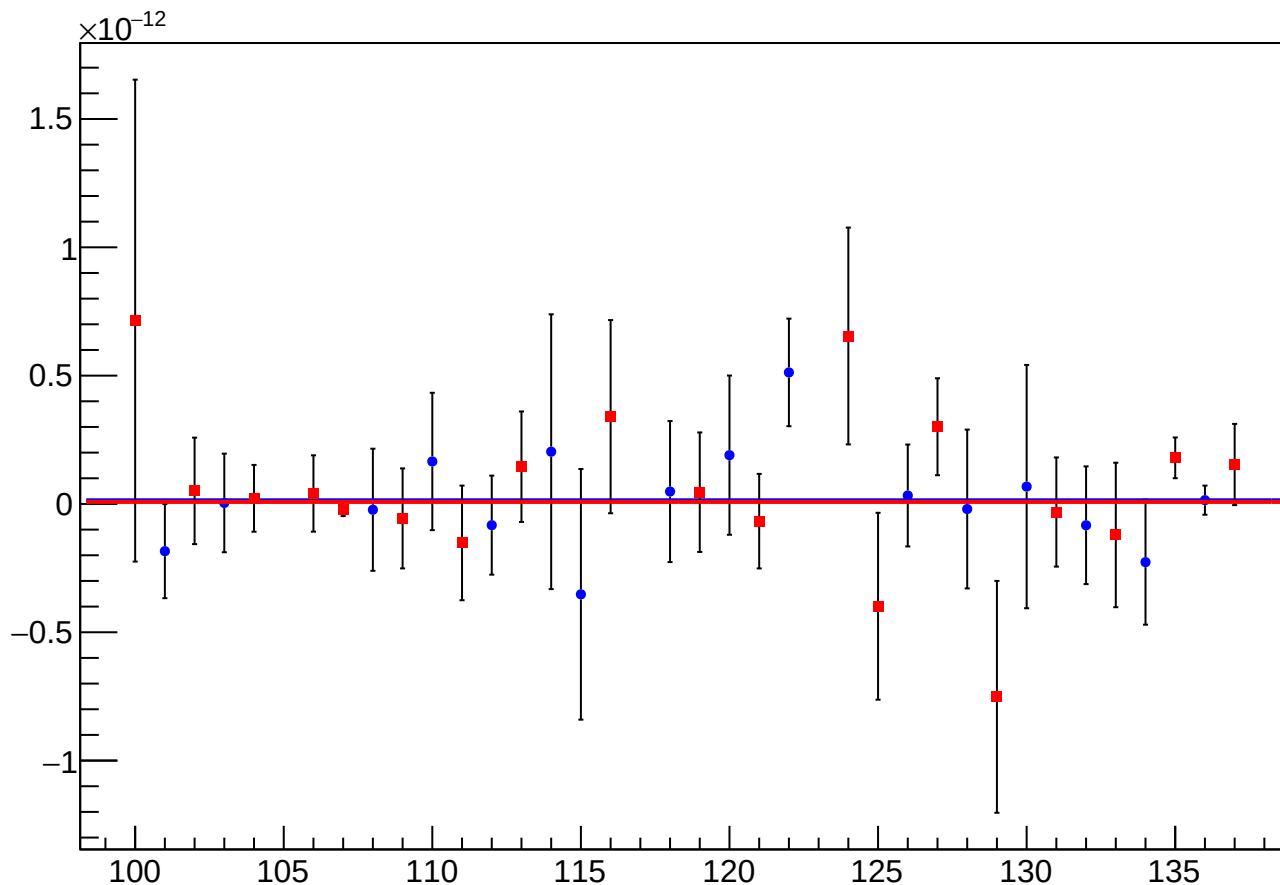
Right: 159.464 $\pm$ 0.033 χ^2 /NDF: 3421678.1/34

In: 164.862 $\pm$ 0.047 χ^2 /NDF:1474692.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 159.464 $\pm$ 0.033 χ^2 /NDF: 3421678.1/34

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

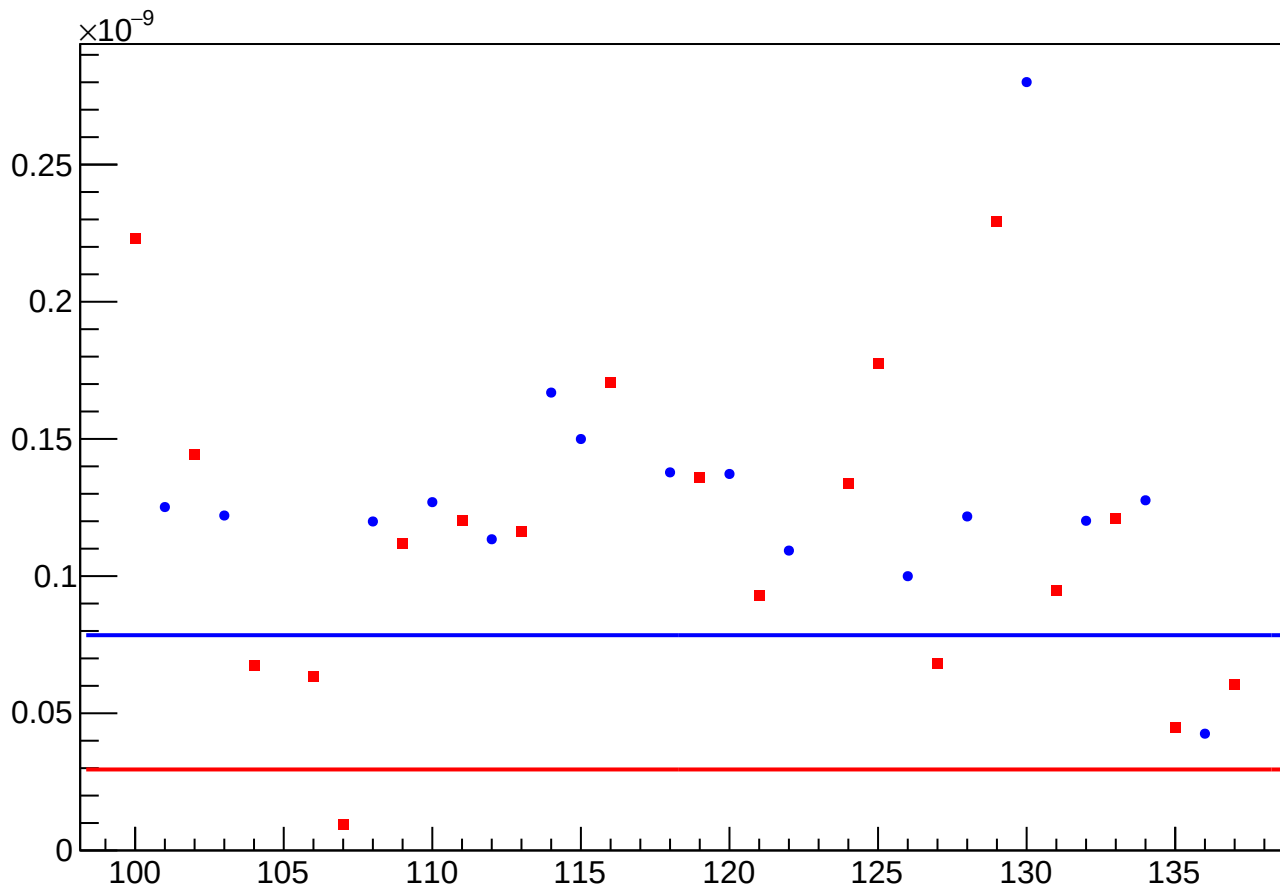
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF:9.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/34

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2103056.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5487361.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

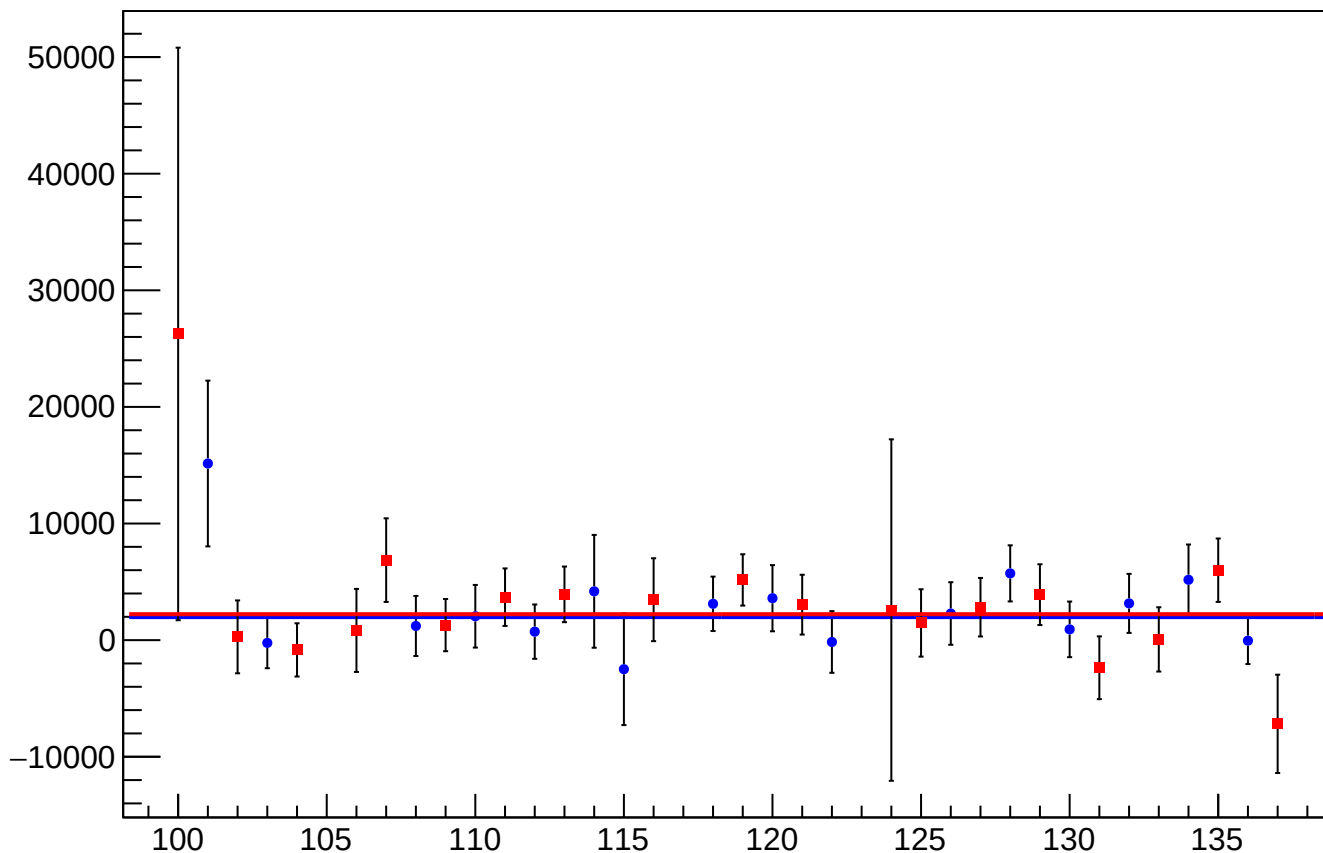
Right: 0.000+/-0.000 χ^2/NDF : 9651358.8/34

In: 0.000+/-0.000 χ^2/NDF : 2103056.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 9651358.8/34

reg_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1976.299+/-667.710 χ^2/NDF : 12.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.171+/-656.286 χ^2/NDF : 19.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

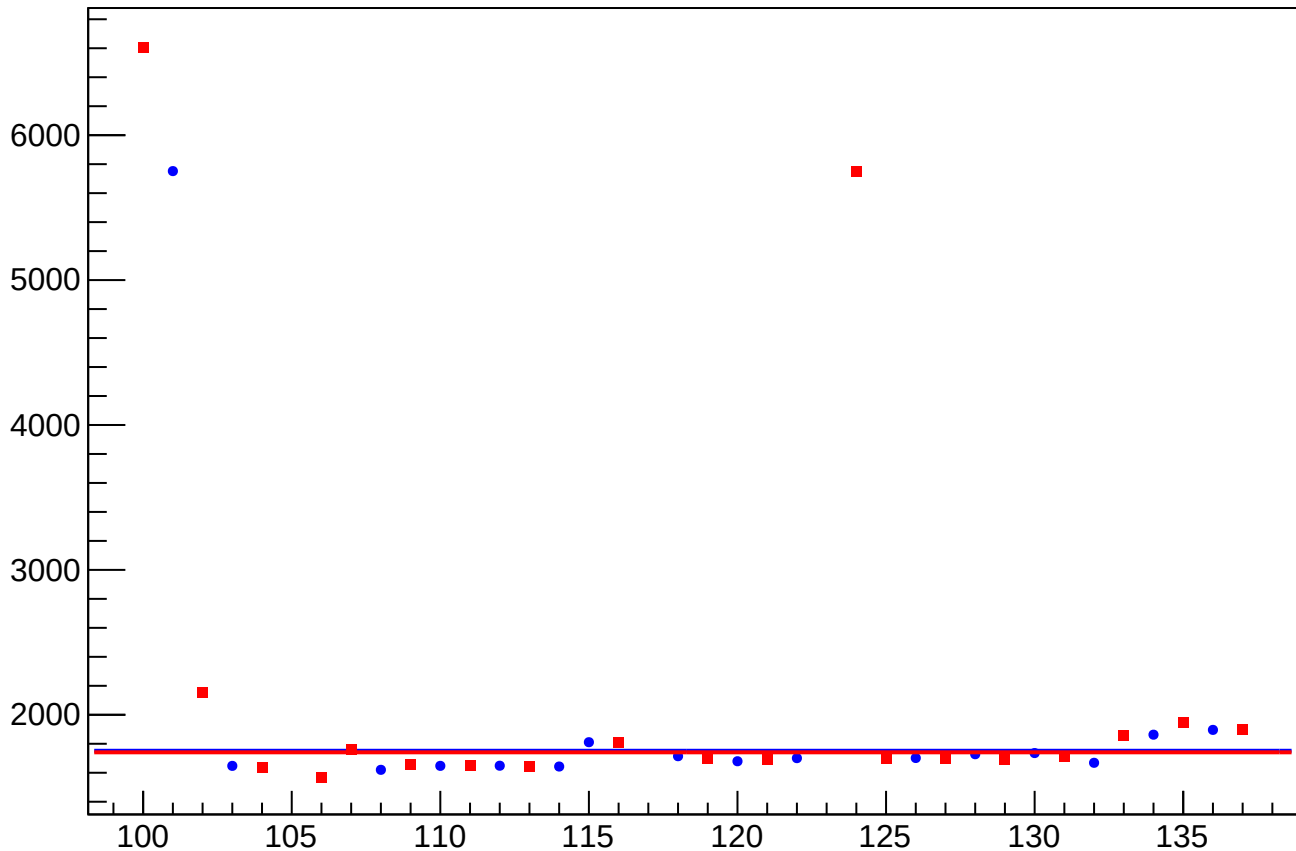
Right: 2103.390+/-468.051 χ^2/NDF : 31.2/34

In: 1976.299+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.390+/-468.051 χ^2/NDF : 31.2/34

reg_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1751.607+/-0.472 χ^2/NDF : 670651.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.052+/-0.461 χ^2/NDF : 304655.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

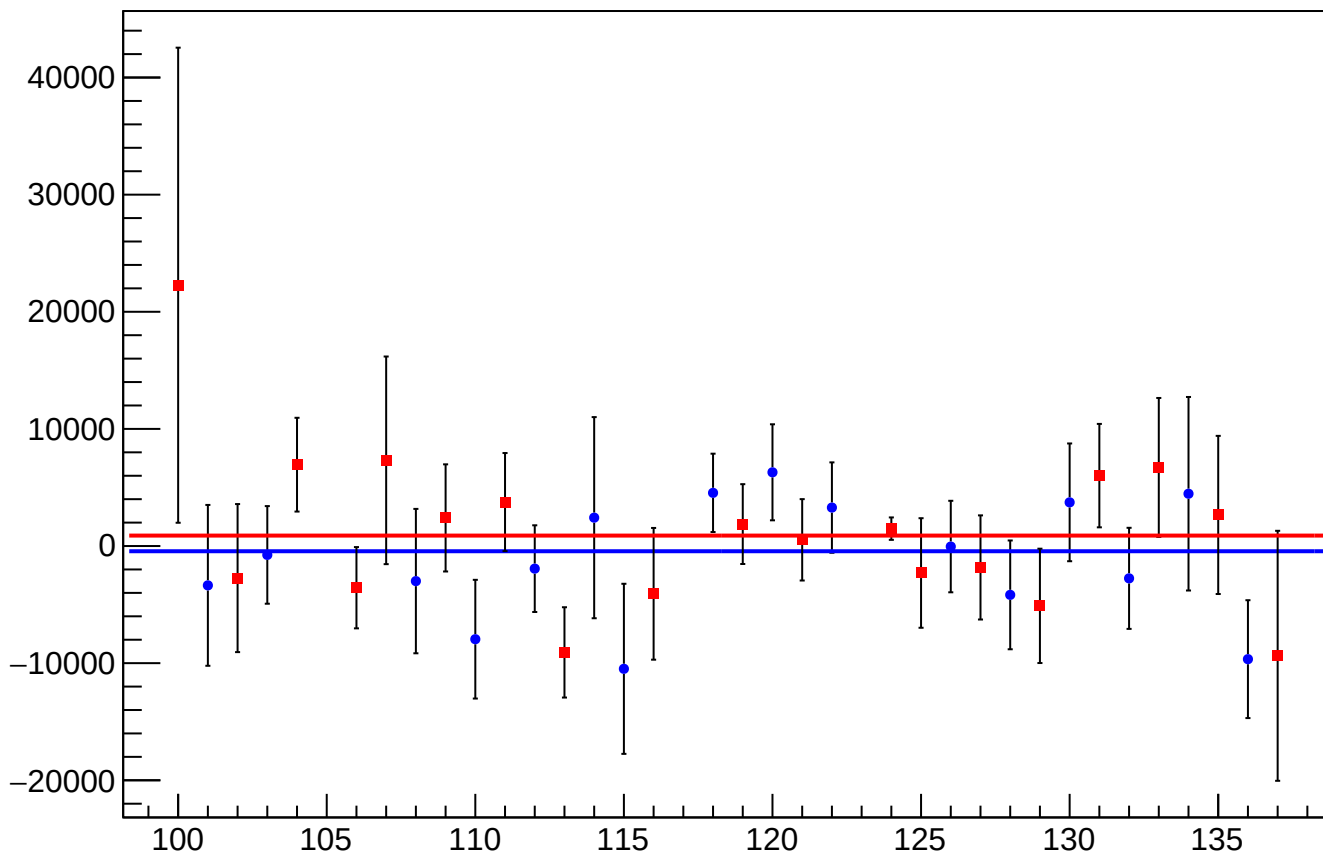
Right: 1746.199+/-0.330 χ^2/NDF : 975562.4/34

In: 1751.607+/-0.472 χ^2/NDF : 670651.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1746.199+/-0.330 χ^2/NDF : 975562.4/34

asym_atr1l2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -444.273+/-1174.448 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 892.237+/-725.737 χ^2/NDF : 20.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

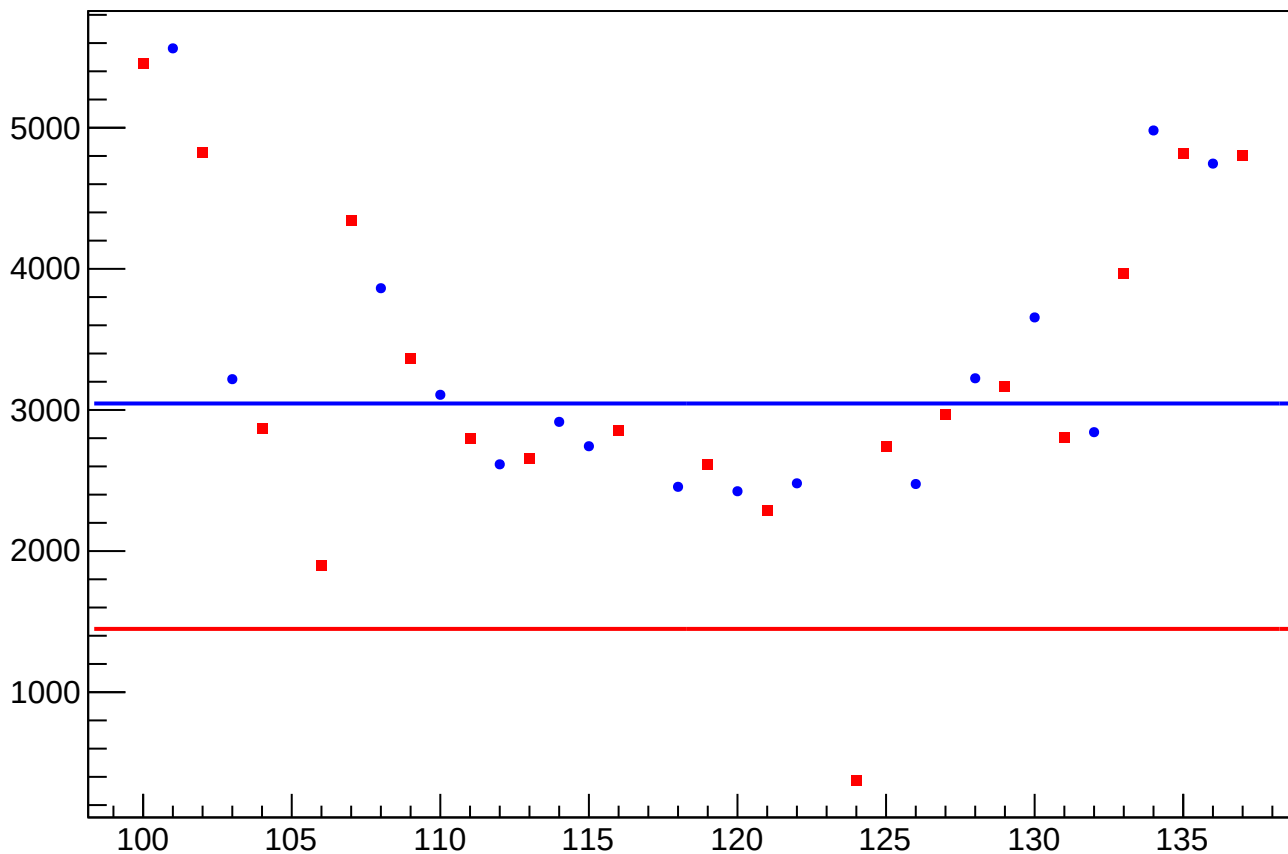
Right: 522.917+/-617.375 χ^2/NDF : 36.9/34

In: -444.273+/-1174.448 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 522.917+/-617.375 χ^2/NDF : 36.9/34

asym_atr1l2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3045.917+/-0.830 χ^2/NDF : 907385.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.519+/-0.513 χ^2/NDF : 6786925.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

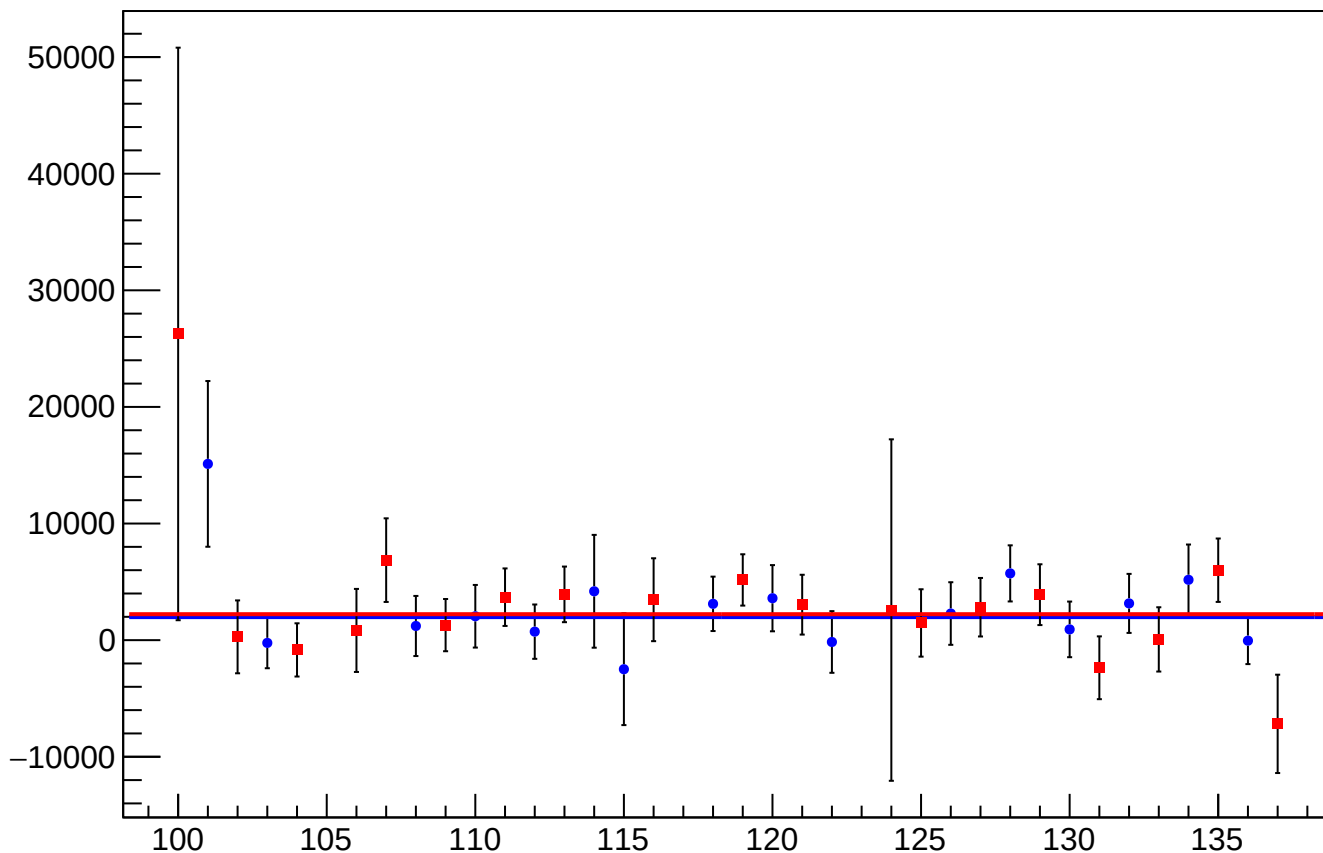
Right: 1889.931+/-0.437 χ^2/NDF : 10371803.4/34

In: 3045.917+/-0.830 χ^2/NDF : 907385.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.931+/-0.437 χ^2/NDF : 10371803.4/34

cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.267+/-656.286 χ^2/NDF : 19.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

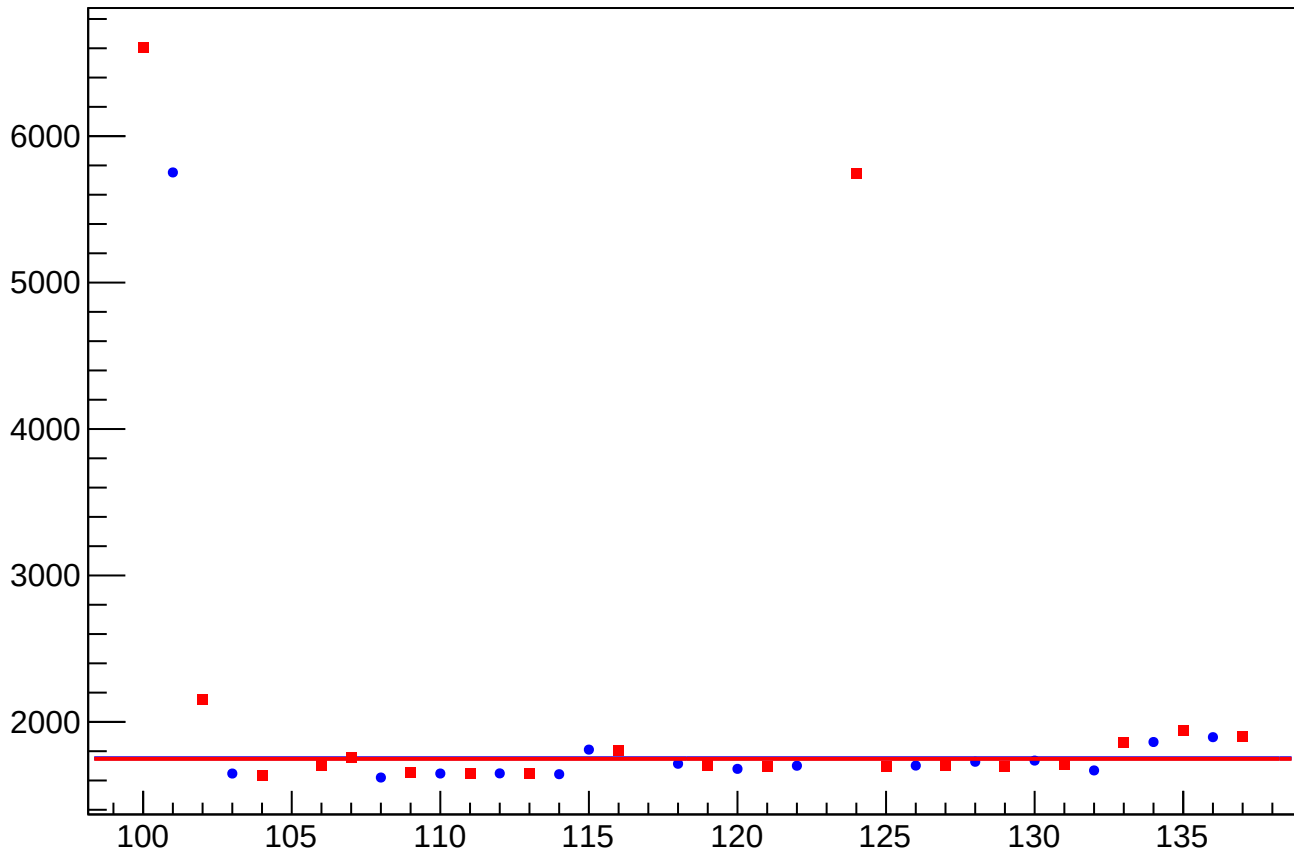
Right: 2103.266+/-468.051 χ^2/NDF : 31.1/34

In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.266+/-468.051 χ^2/NDF : 31.1/34

cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1747.786+/-0.462 χ^2/NDF : 297917.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

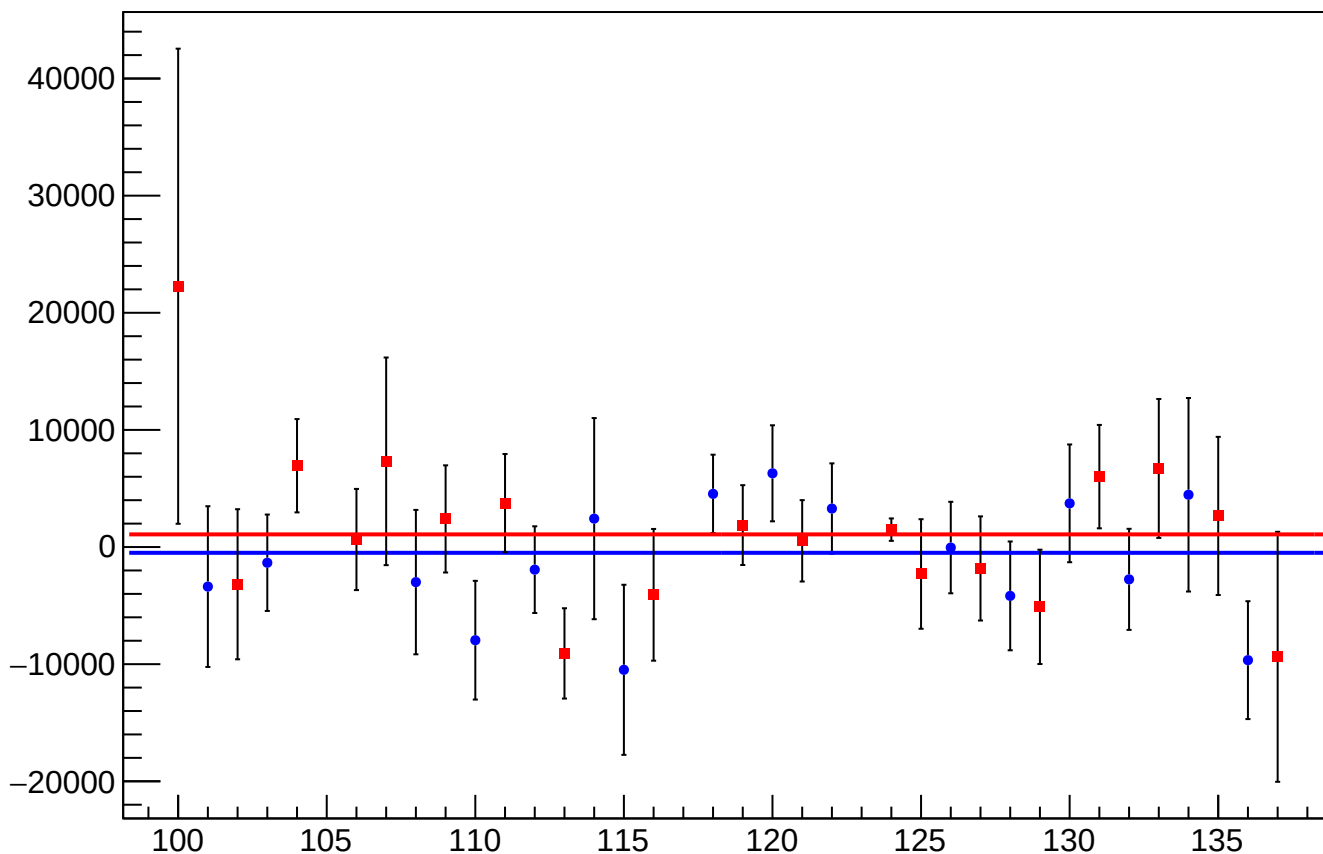
Right: 1749.656+/-0.330 χ^2/NDF : 968602.6/34

In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.656+/-0.330 χ^2/NDF : 968602.6/34

asym_atr1l2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1080.924+/-731.458 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

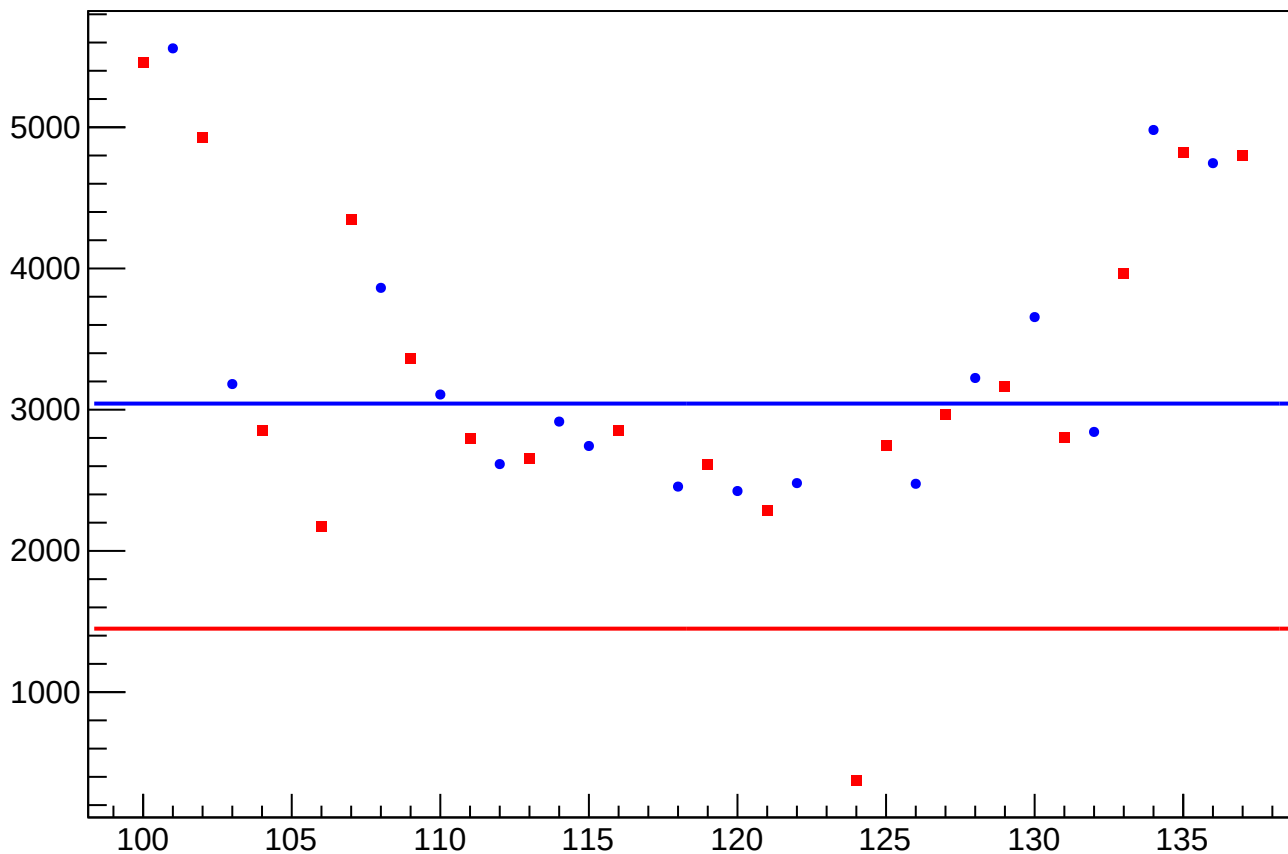
Right: 640.409+/-620.707 χ^2/NDF : 35.7/34

In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.409+/-620.707 χ^2/NDF : 35.7/34

asym_atr1l2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.516+/-0.517 χ^2/NDF : 6825716.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

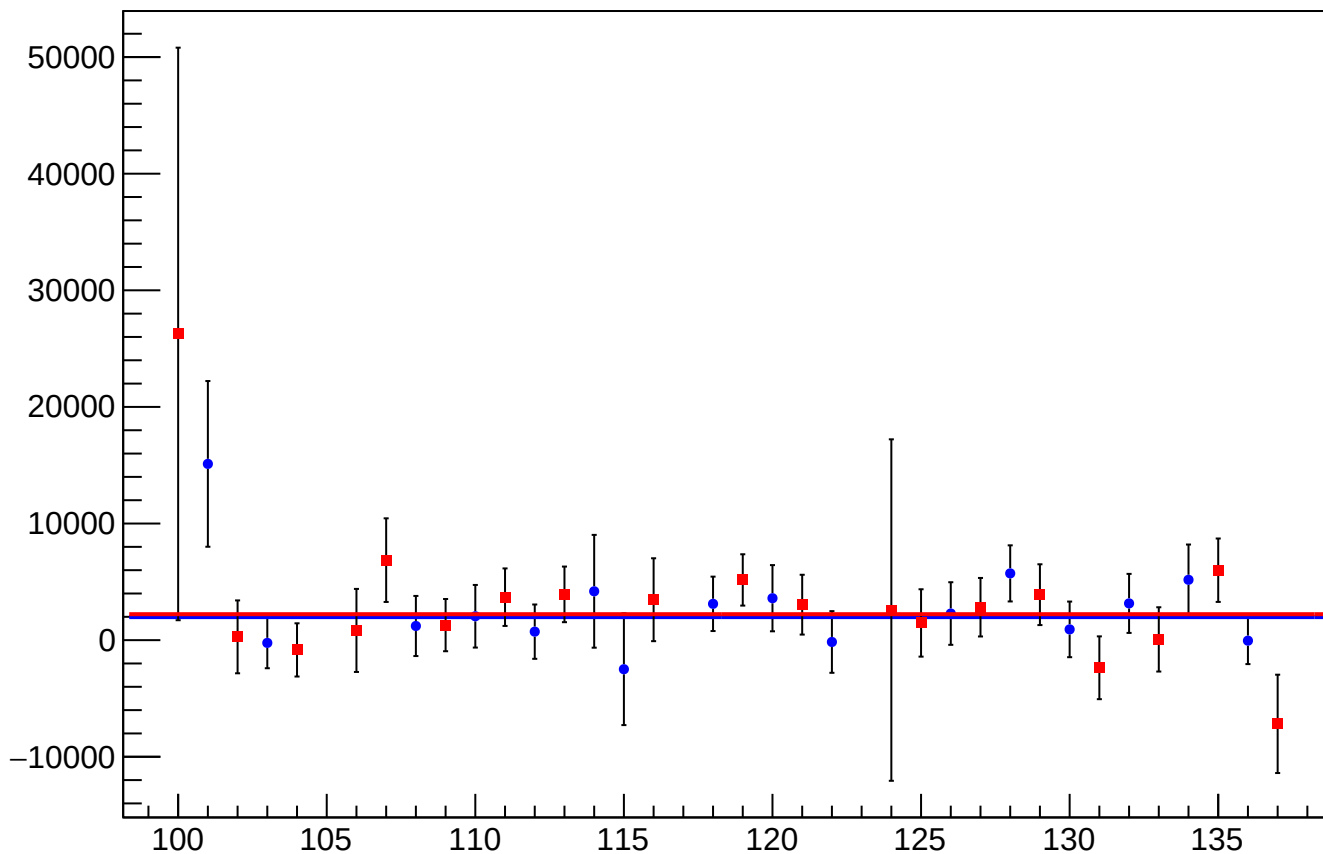
Right: 1895.604+/-0.439 χ^2/NDF : 10389001.0/34

In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.604+/-0.439 χ^2/NDF : 10389001.0/34

eigen_cor_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2226.267+/-656.286 χ^2/NDF : 19.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

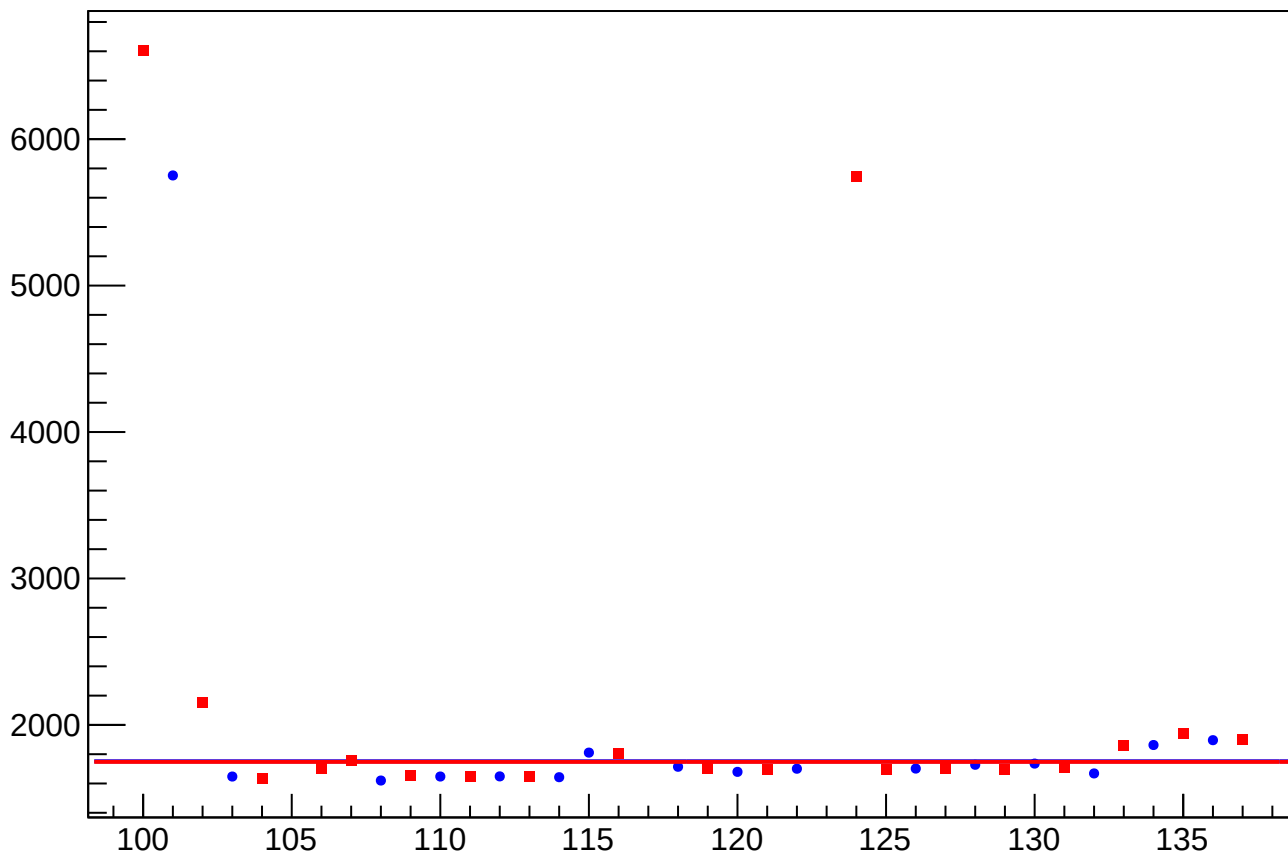
Right: 2103.266+/-468.051 χ^2/NDF : 31.1/34

In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.266+/-468.051 χ^2/NDF : 31.1/34

eigen_cor_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1747.786+/-0.462 χ^2/NDF : 297917.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

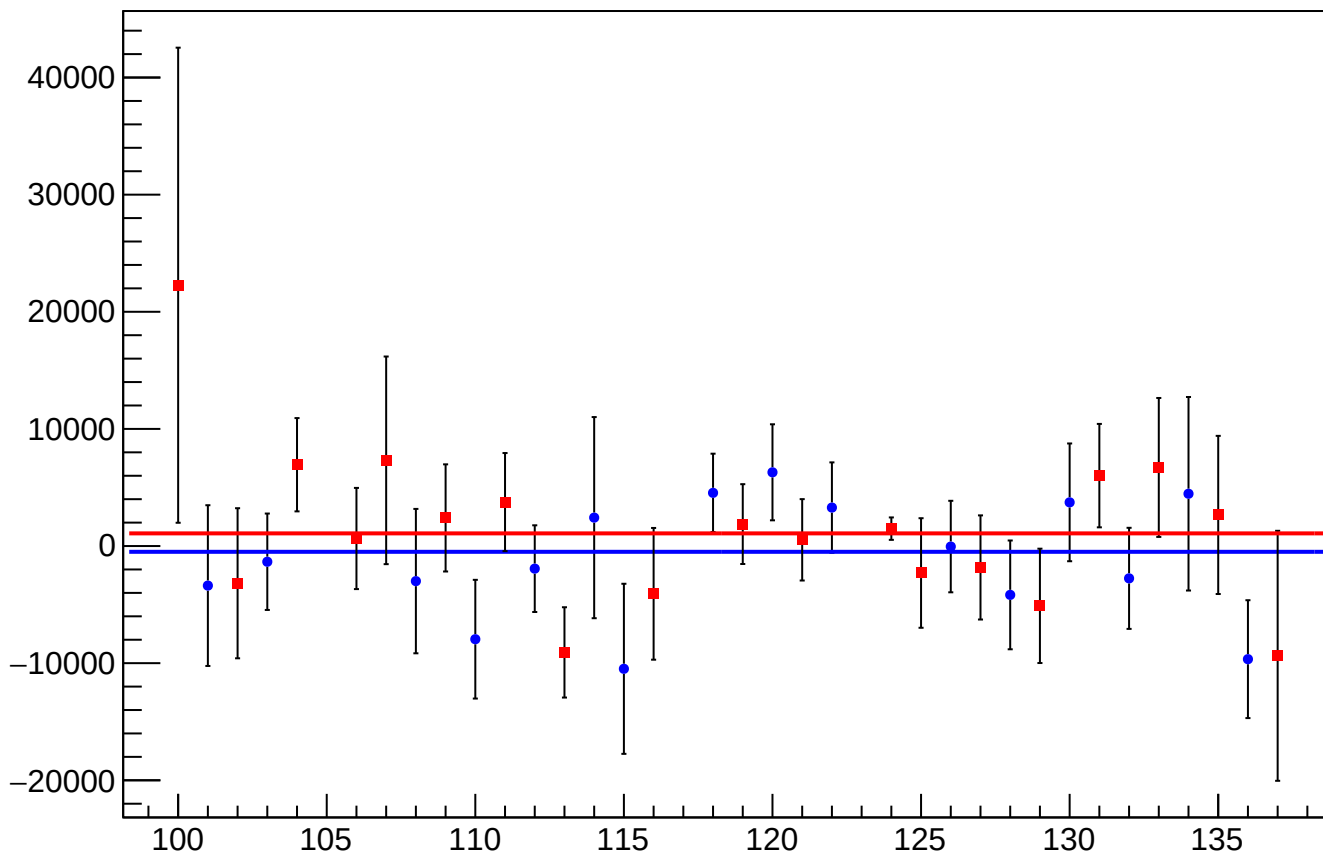
Right: 1749.656+/-0.330 χ^2/NDF : 968602.6/34

In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1749.656+/-0.330 χ^2/NDF : 968602.6/34

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1080.924+/-731.458 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

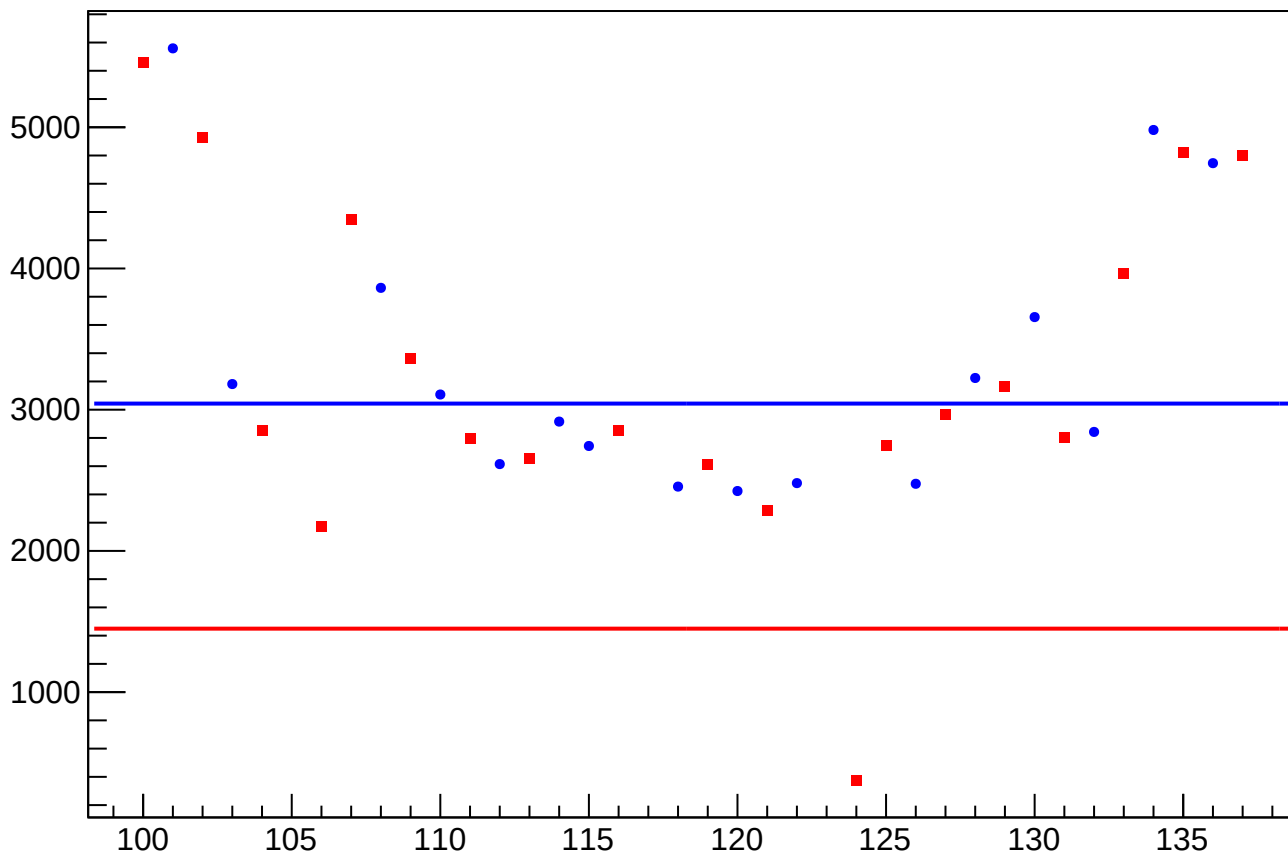
Right: 640.409+/-620.707 χ^2/NDF : 35.7/34

In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 640.409+/-620.707 χ^2/NDF : 35.7/34

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1449.516+/-0.517 χ^2/NDF : 6825716.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

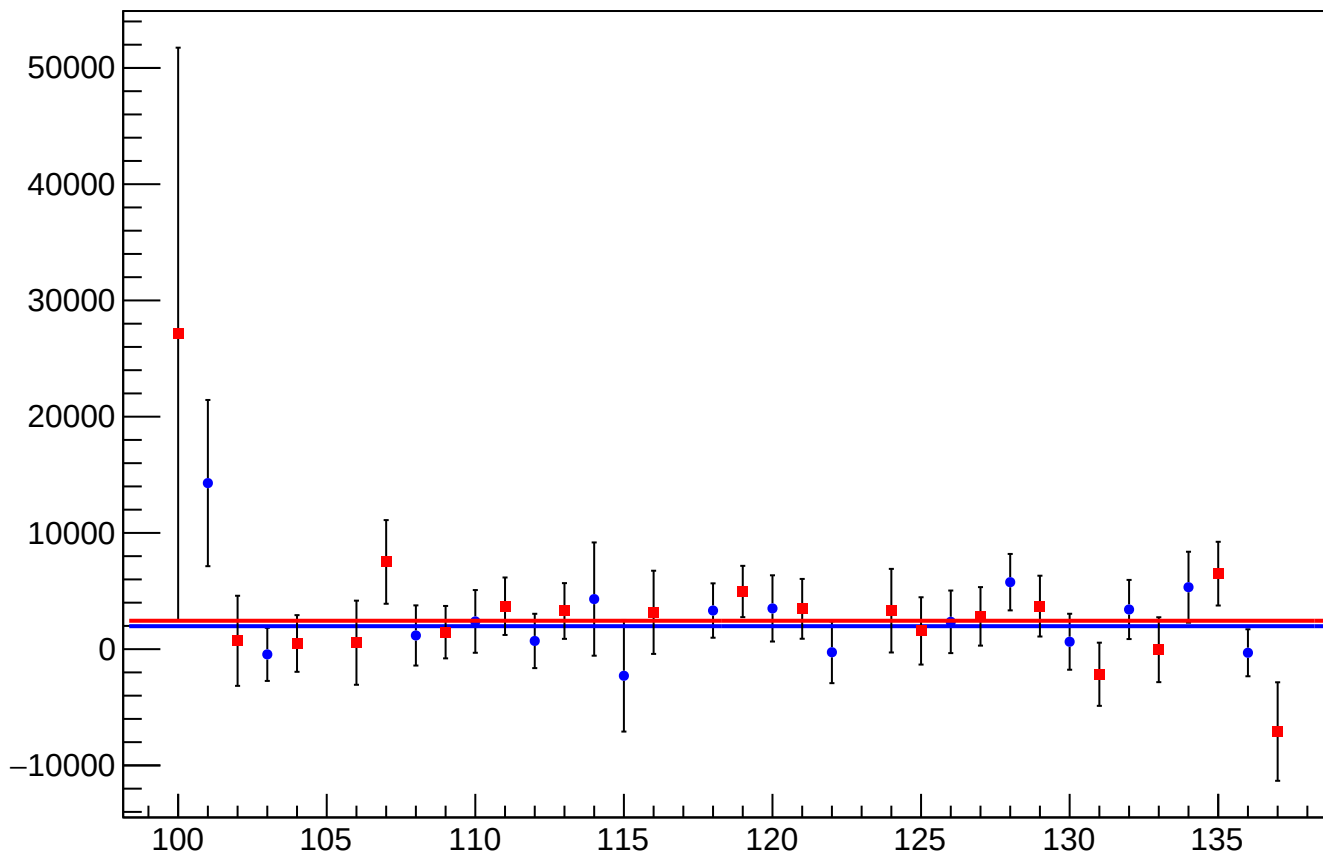
Right: 1895.604+/-0.439 χ^2/NDF : 10389001.0/34

In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.604+/-0.439 χ^2/NDF : 10389001.0/34

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1975.804+/-674.086 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2444.199+/-657.682 χ^2/NDF : 17.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

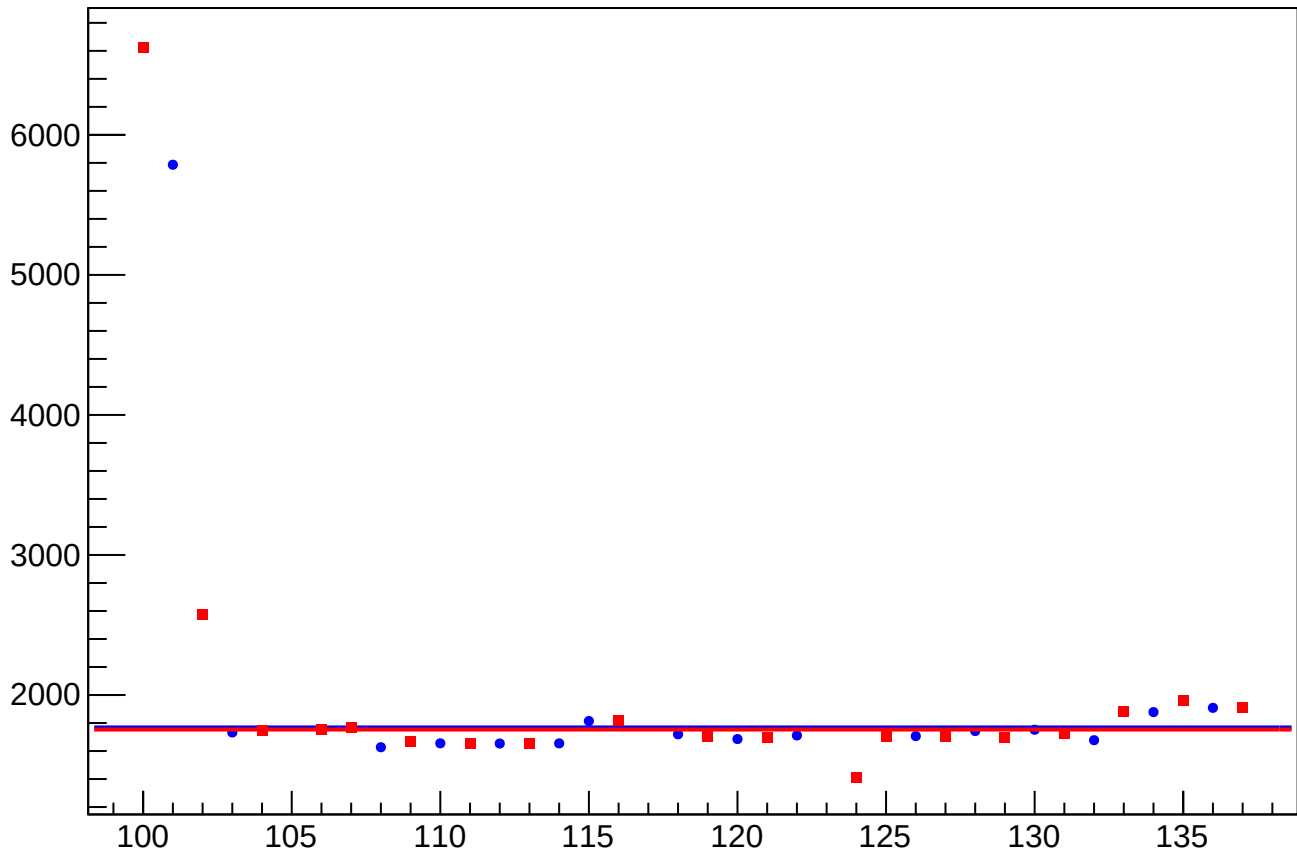
Right: 2215.770+/-470.744 χ^2/NDF : 30.1/34

In: 1975.804+/-674.086 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.770+/-470.744 χ^2/NDF : 30.1/34

dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1753.383+/-0.464 χ^2/NDF : 218864.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

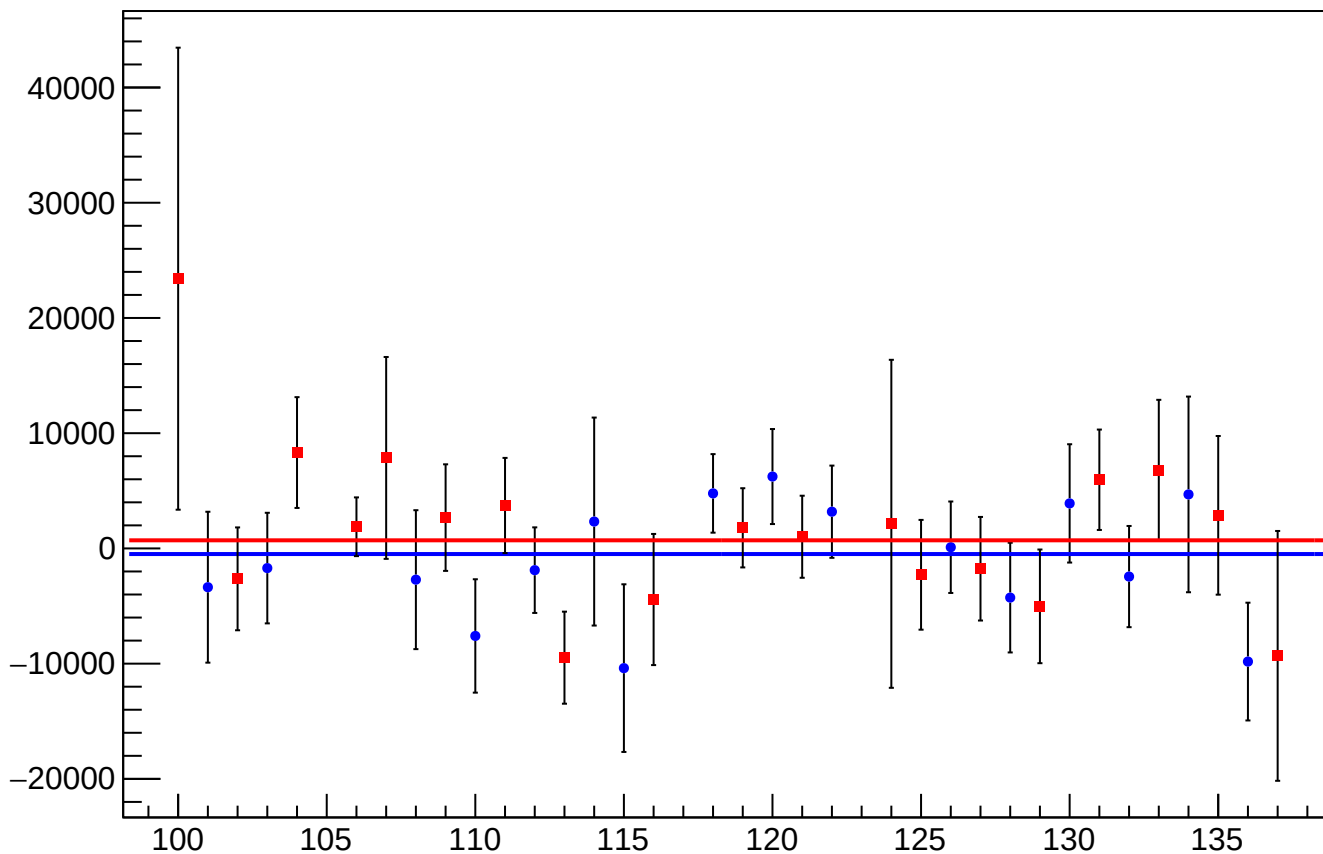
Right: 1760.725+/-0.332 χ^2/NDF : 886747.1/34

In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.725+/-0.332 χ^2/NDF : 886747.1/34

asym_atr1l2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -488.104+/-1198.506 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.324+/-1069.467 χ^2/NDF : 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

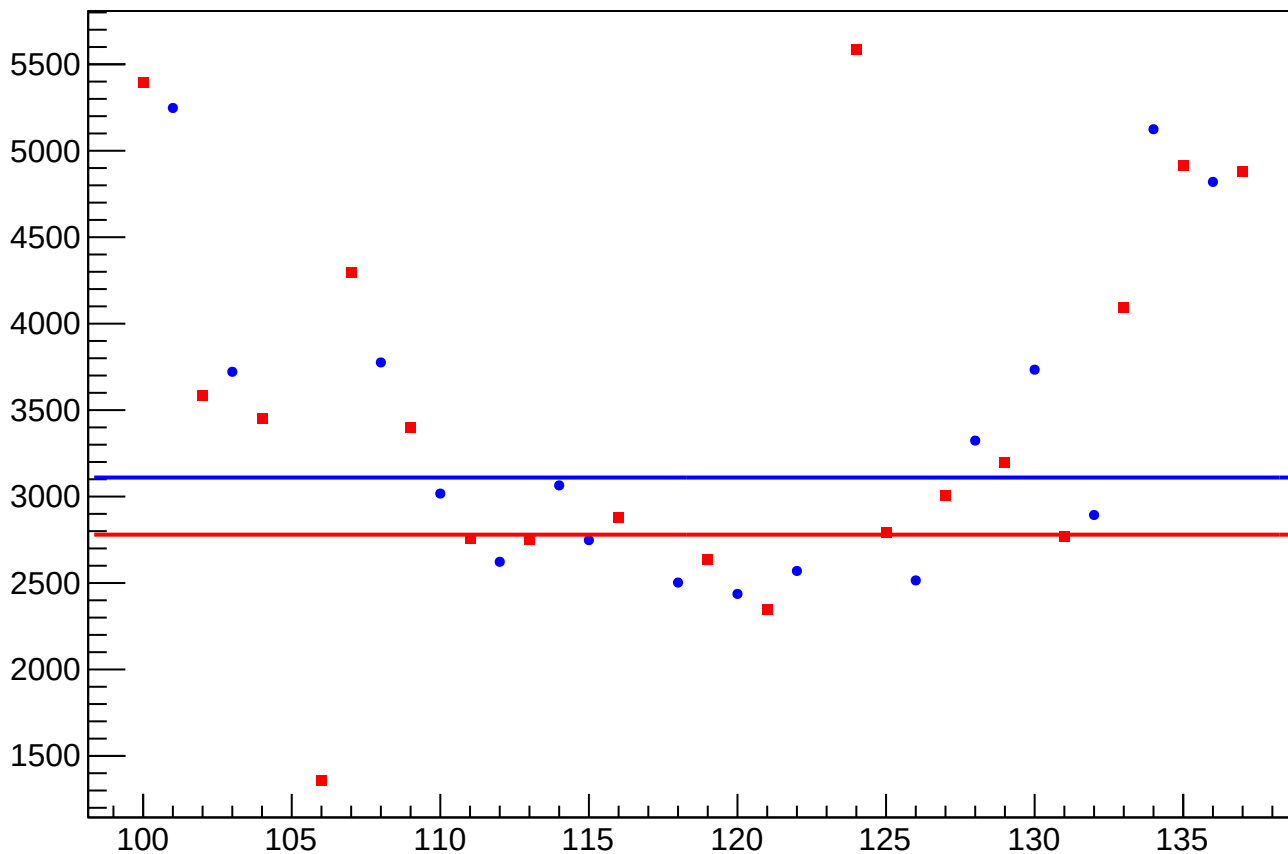
Right: 175.178+/-797.963 χ^2/NDF : 35.1/34

In: -488.104+/-1198.506 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.178+/-797.963 χ^2/NDF : 35.1/34

asym_atr1l2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3110.133+/-0.847 χ^2/NDF : 883262.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2779.630+/-0.756 χ^2/NDF : 1348141.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

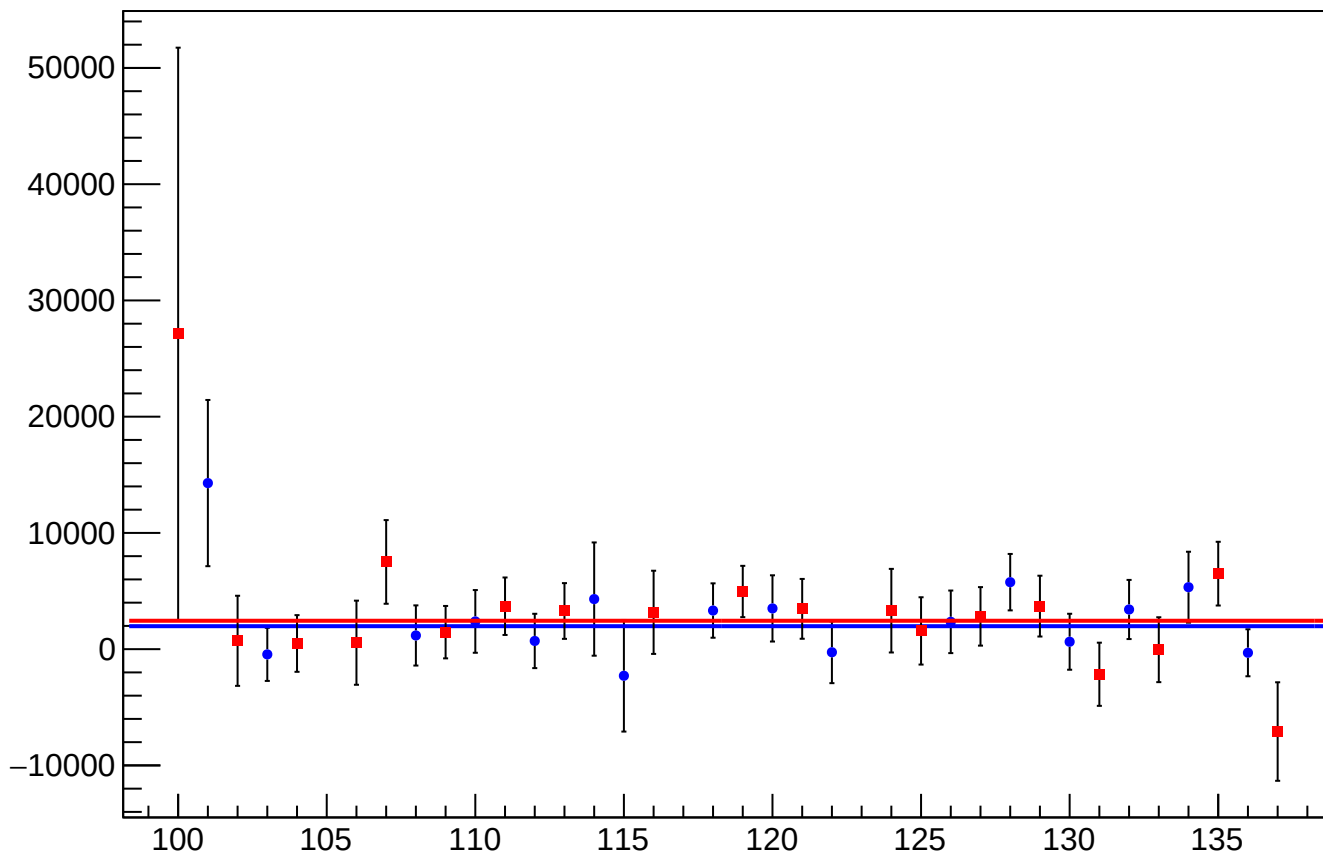
Right: 2926.138+/-0.564 χ^2/NDF : 2316074.2/34

In: 3110.133+/-0.847 χ^2/NDF :883262.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2926.138+/-0.564 χ^2/NDF : 2316074.2/34

eigen_dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1975.805+/-674.086 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2444.199+/-657.682 χ^2/NDF : 17.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

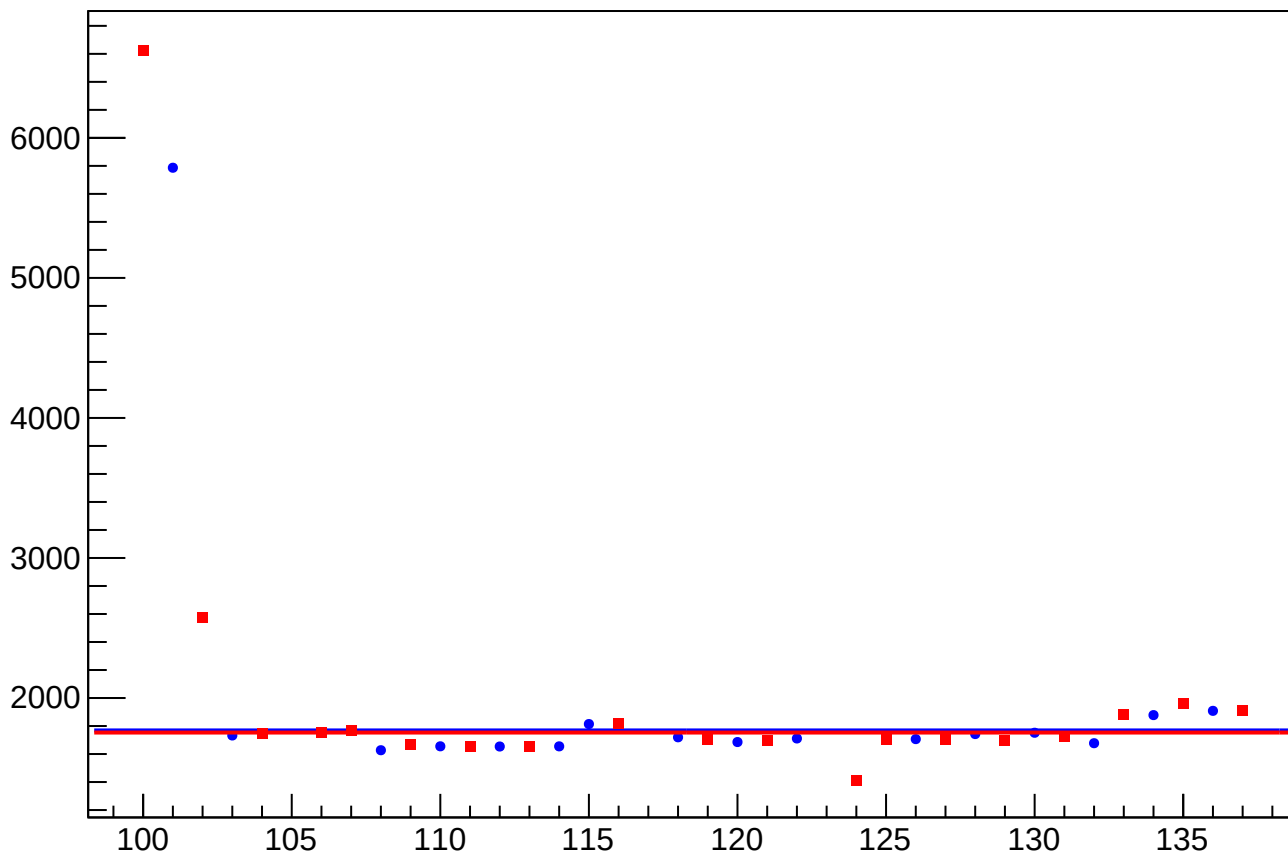
Right: 2215.771+/-470.744 χ^2/NDF : 30.1/34

In: 1975.805+/-674.086 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2215.771+/-470.744 χ^2/NDF : 30.1/34

eigen_dit_asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1753.382+/-0.464 χ^2/NDF : 218864.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

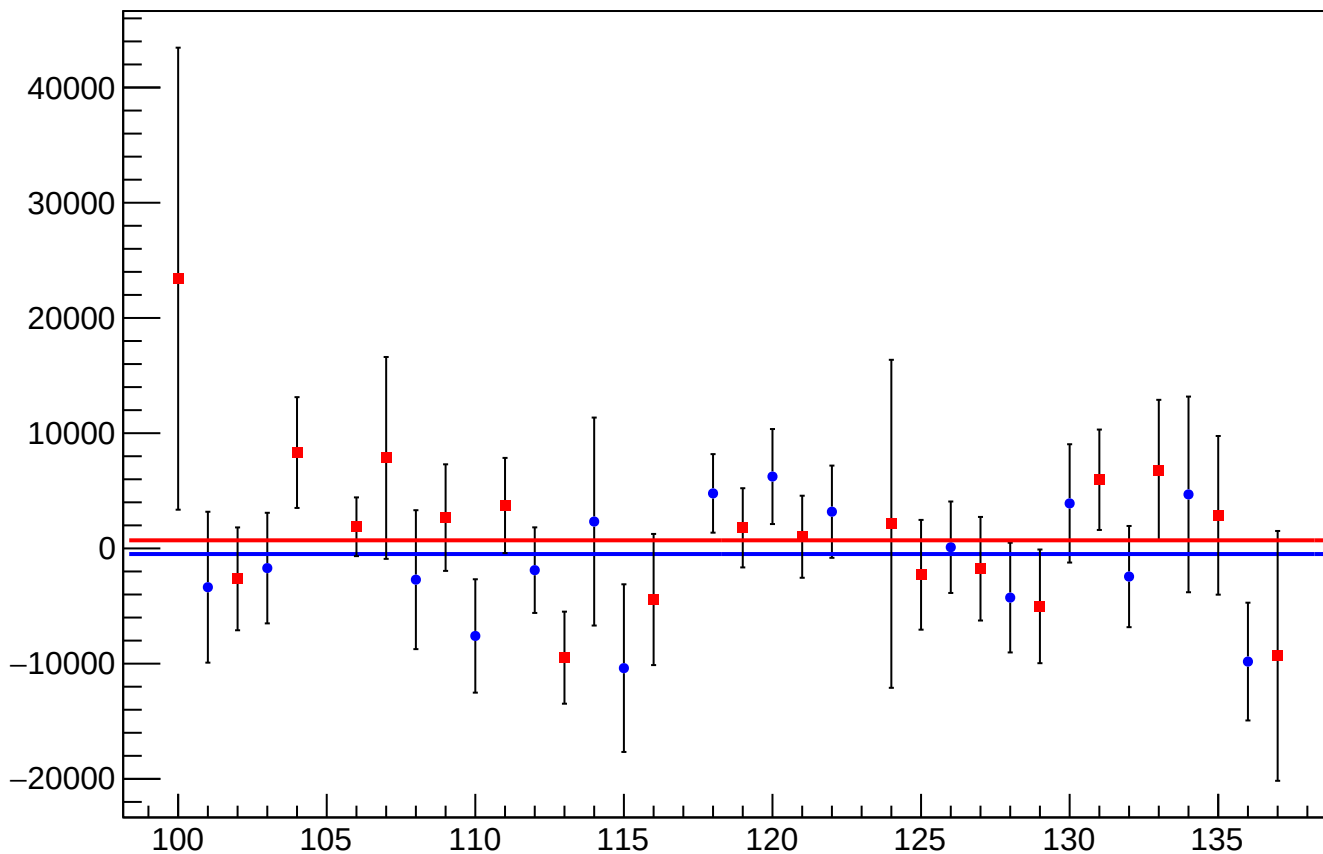
Right: 1760.725+/-0.332 χ^2/NDF : 886747.0/34

In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.725+/-0.332 χ^2/NDF : 886747.0/34

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -488.098+/-1198.502 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 703.325+/-1069.463 χ^2/NDF : 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

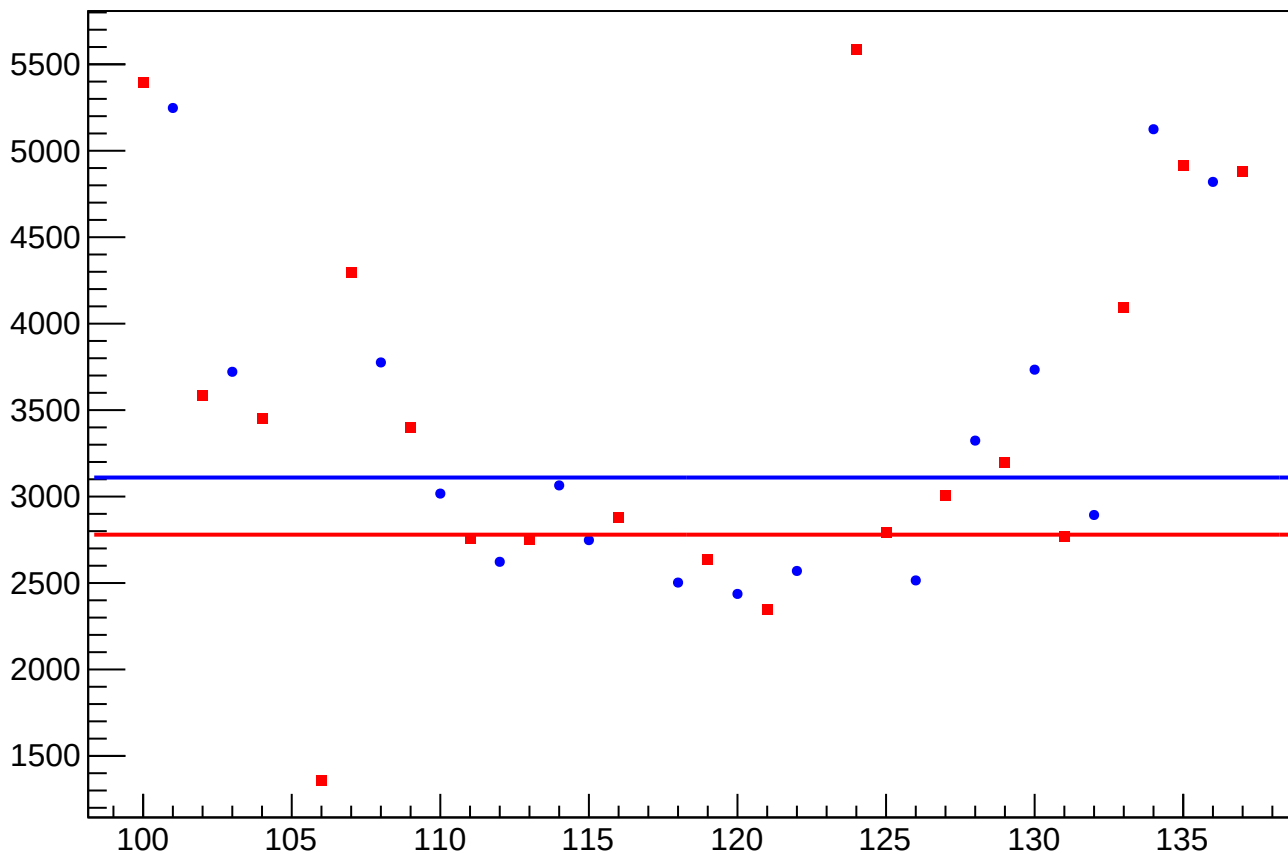
Right: 175.182+/-797.960 χ^2/NDF : 35.1/34

In: -488.098+/-1198.502 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.182+/-797.960 χ^2/NDF : 35.1/34

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3110.121+/-0.847 χ^2/NDF : 883272.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2779.617+/-0.756 χ^2/NDF : 1348160.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

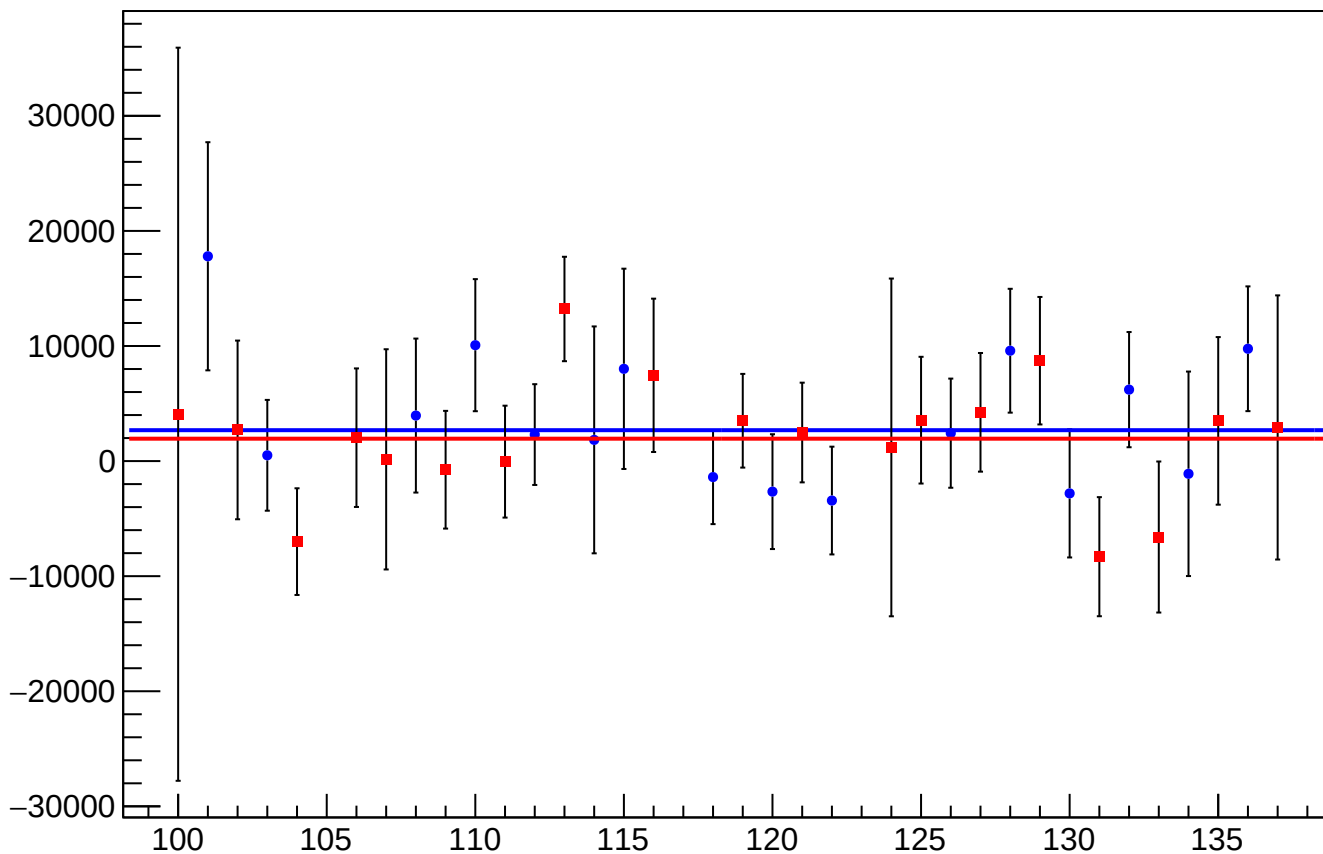
Right: 2926.126+/-0.564 χ^2/NDF : 2316104.6/34

In: 3110.121+/-0.847 χ^2/NDF :883272.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2926.126+/-0.564 χ^2/NDF : 2316104.6/34

asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 2685.414+/-1379.907 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1945.685+/-1332.986 χ^2/NDF : 18.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

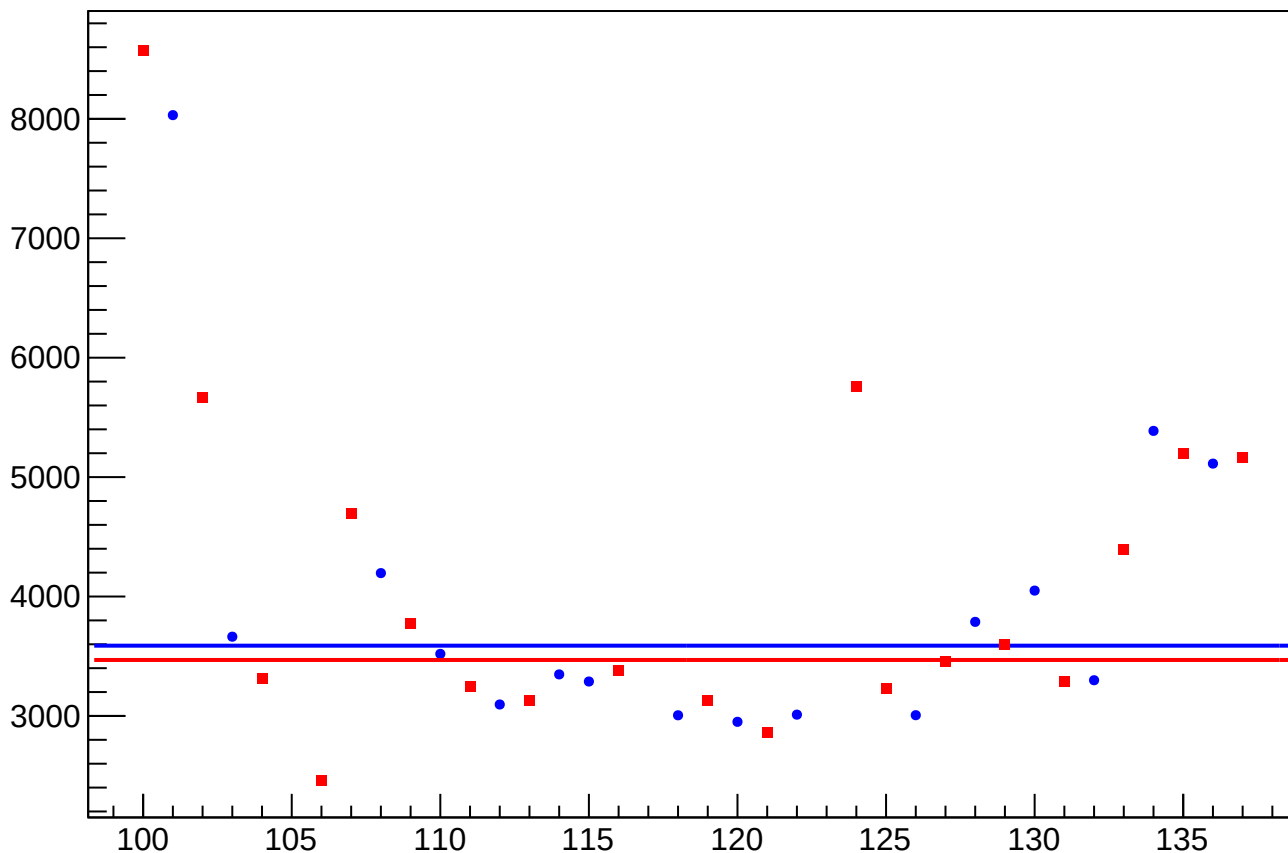
Right: 2302.760+/-958.722 χ^2/NDF : 32.3/34

In: 2685.414+/-1379.907 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2302.760+/-958.722 χ^2/NDF : 32.3/34

asym_atr1l2_avg_rms vs Slug, Sign Corrected



Right In: 3588.430+/-0.976 χ^2/NDF : 845218.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3468.624+/-0.928 χ^2/NDF : 666541.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

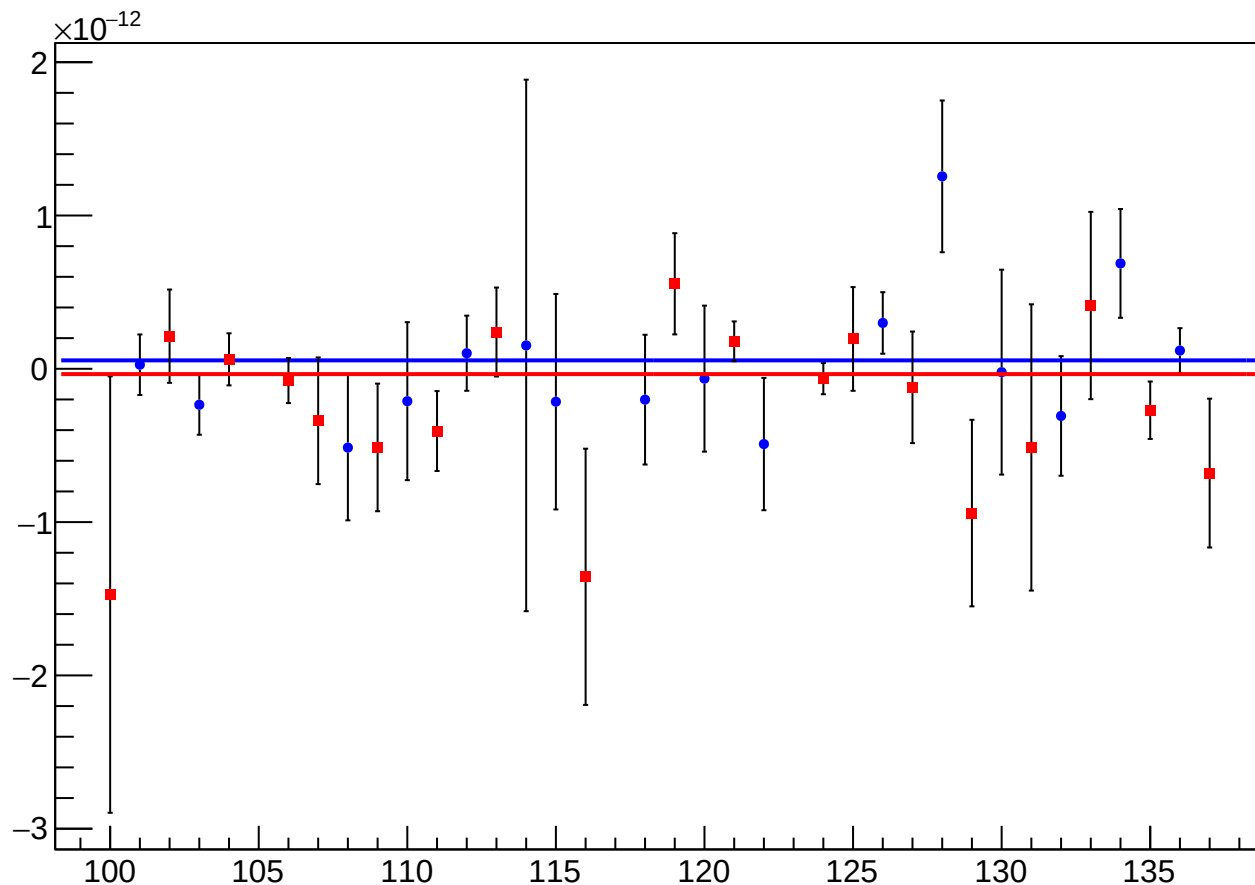
Right: 3525.541+/-0.673 χ^2/NDF : 1519674.0/34

In: 3588.430+/-0.976 χ^2/NDF : 845218.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3525.541+/-0.673 χ^2/NDF : 1519674.0/34

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

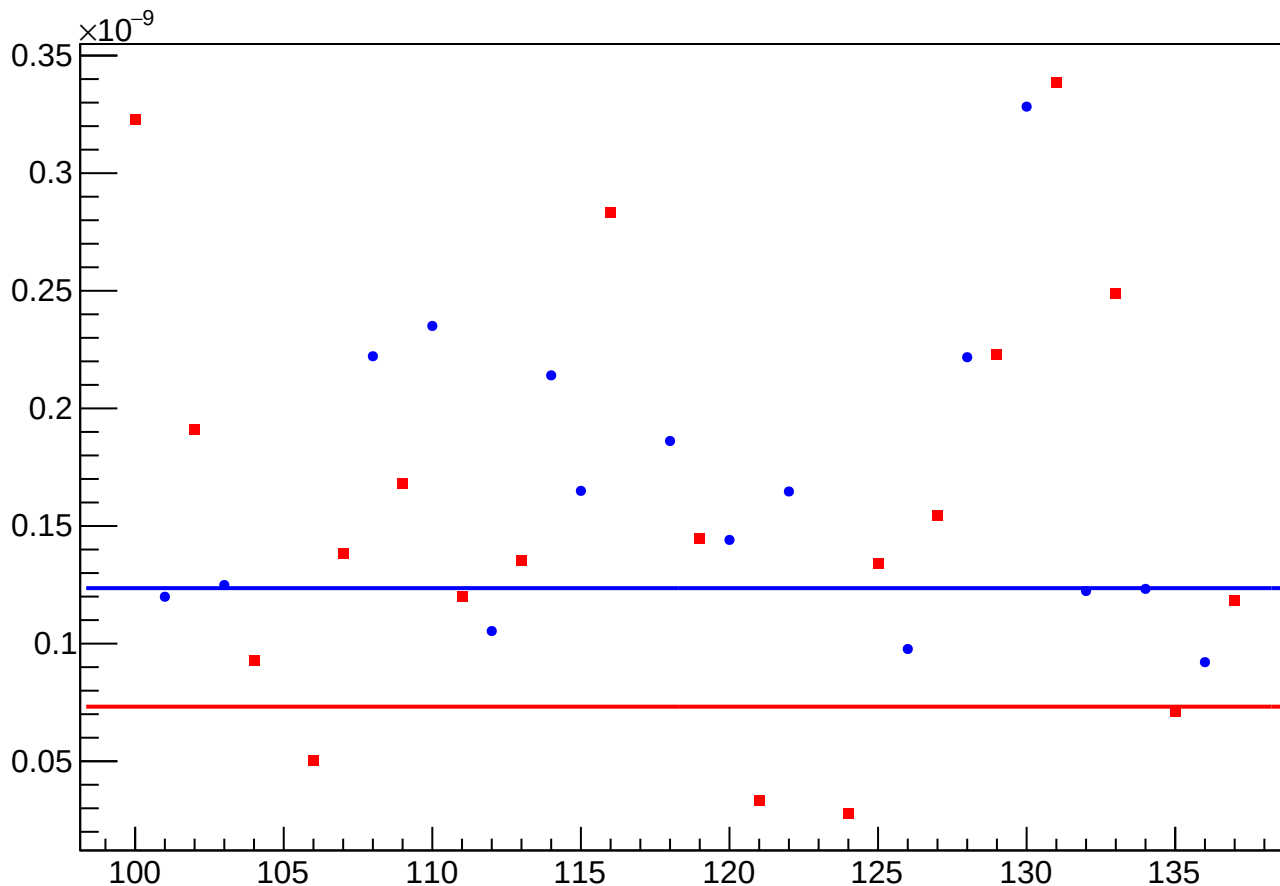
Right: -0.000+/-0.000 χ^2/NDF : 41.0/34

In: 0.000+/-0.000 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.0/34

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 662149.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2188857.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

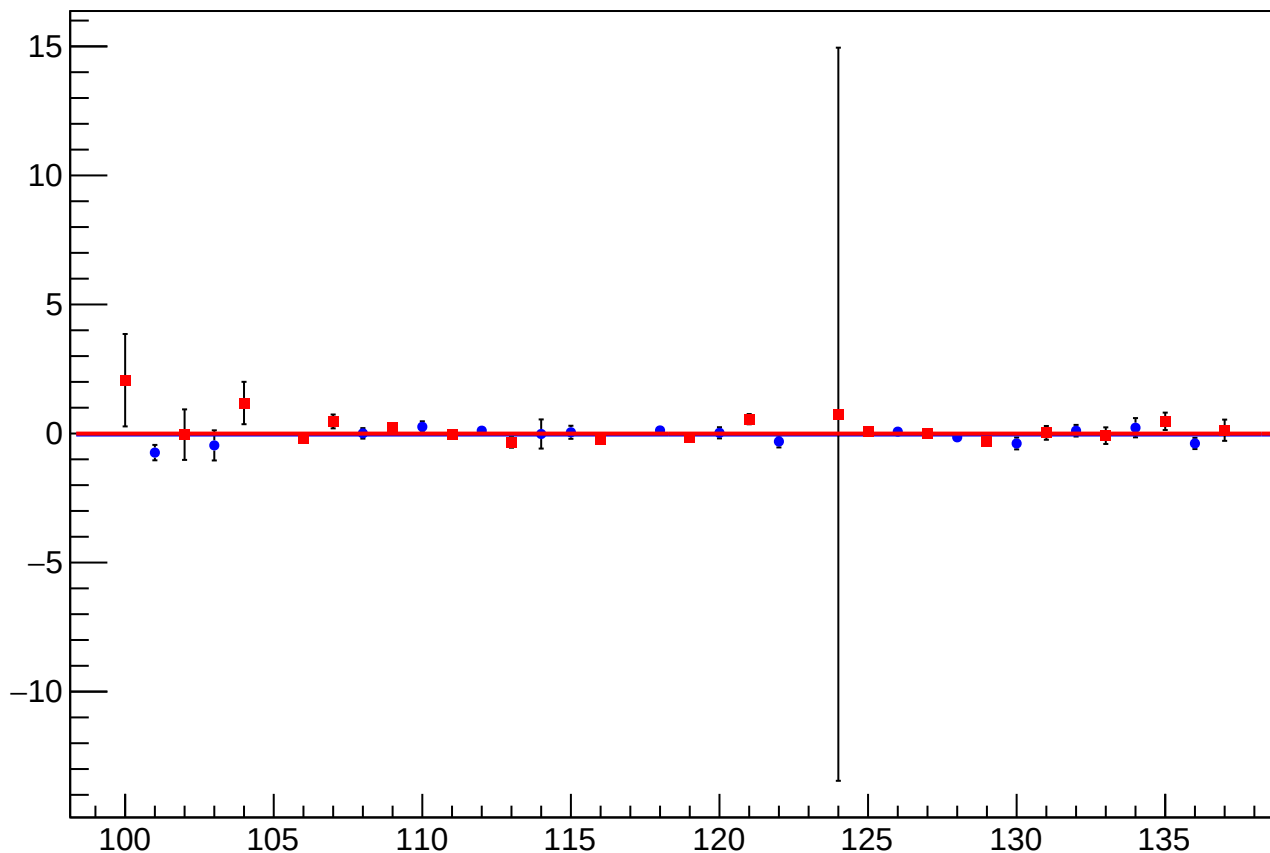
Right: 0.000+/-0.000 χ^2/NDF : 3471325.1/34

In: 0.000+/-0.000 χ^2/NDF :662149.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3471325.1/34

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.056 $\chi^2/\text{NDF}: 17.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.003 ± 0.051 $\chi^2/\text{NDF}: 28.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

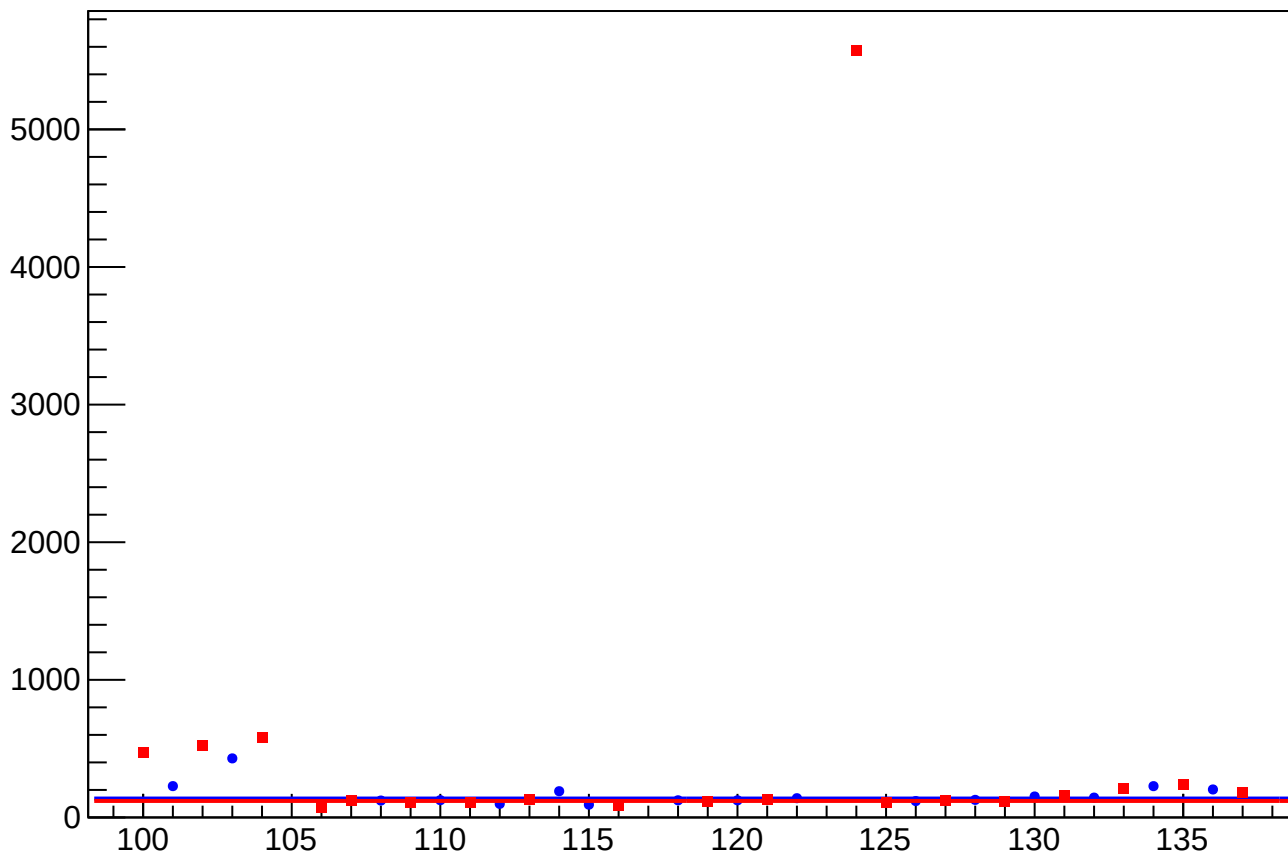
Right: -0.020 ± 0.038 $\chi^2/\text{NDF}: 46.9/34$

In: -0.040 ± 0.056 $\chi^2/\text{NDF}: 17.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.020 ± 0.038 $\chi^2/\text{NDF}: 46.9/34$

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.006+/-0.036 χ^2/NDF : 2139894.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

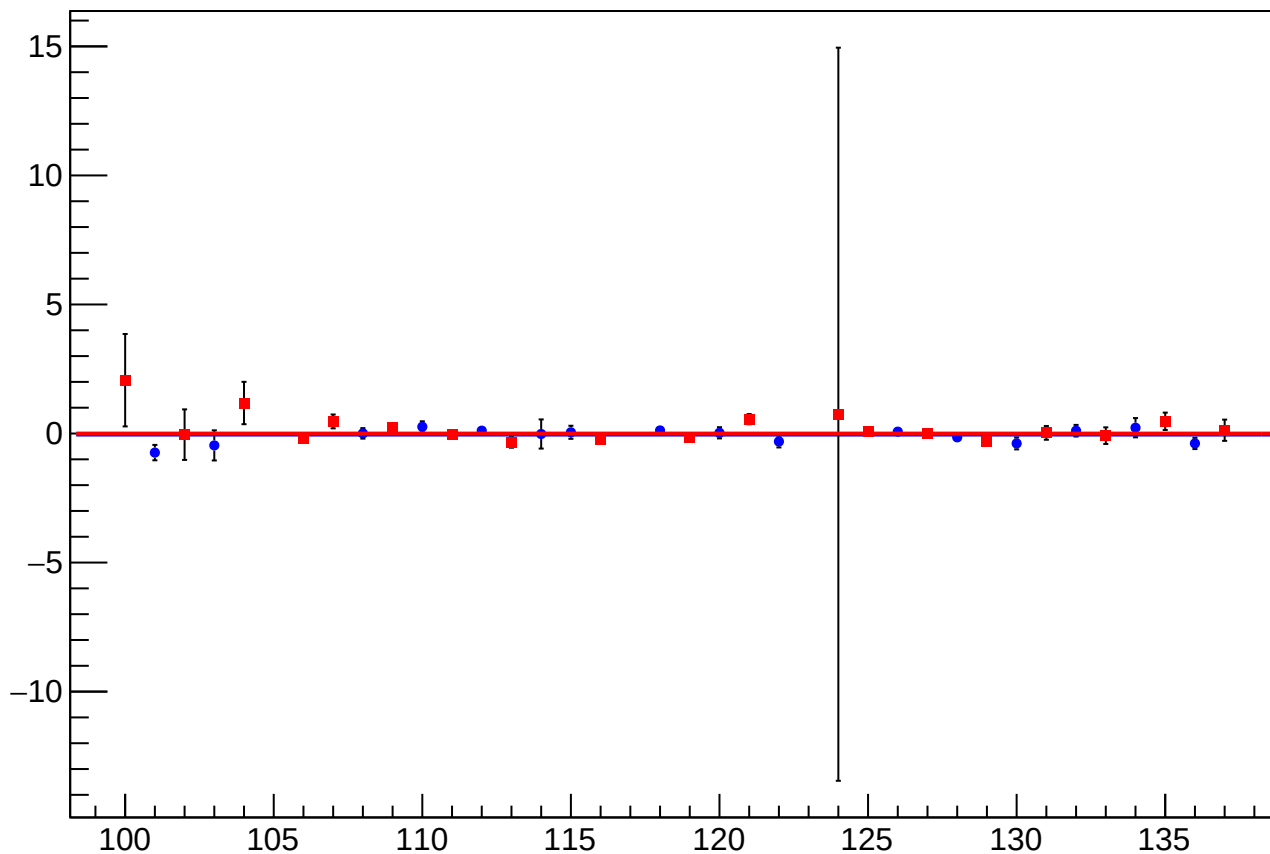
Right: 127.907+/-0.027 χ^2/NDF : 3514127.8/34

In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.907+/-0.027 χ^2/NDF : 3514127.8/34

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.051 χ^2/NDF : 28.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

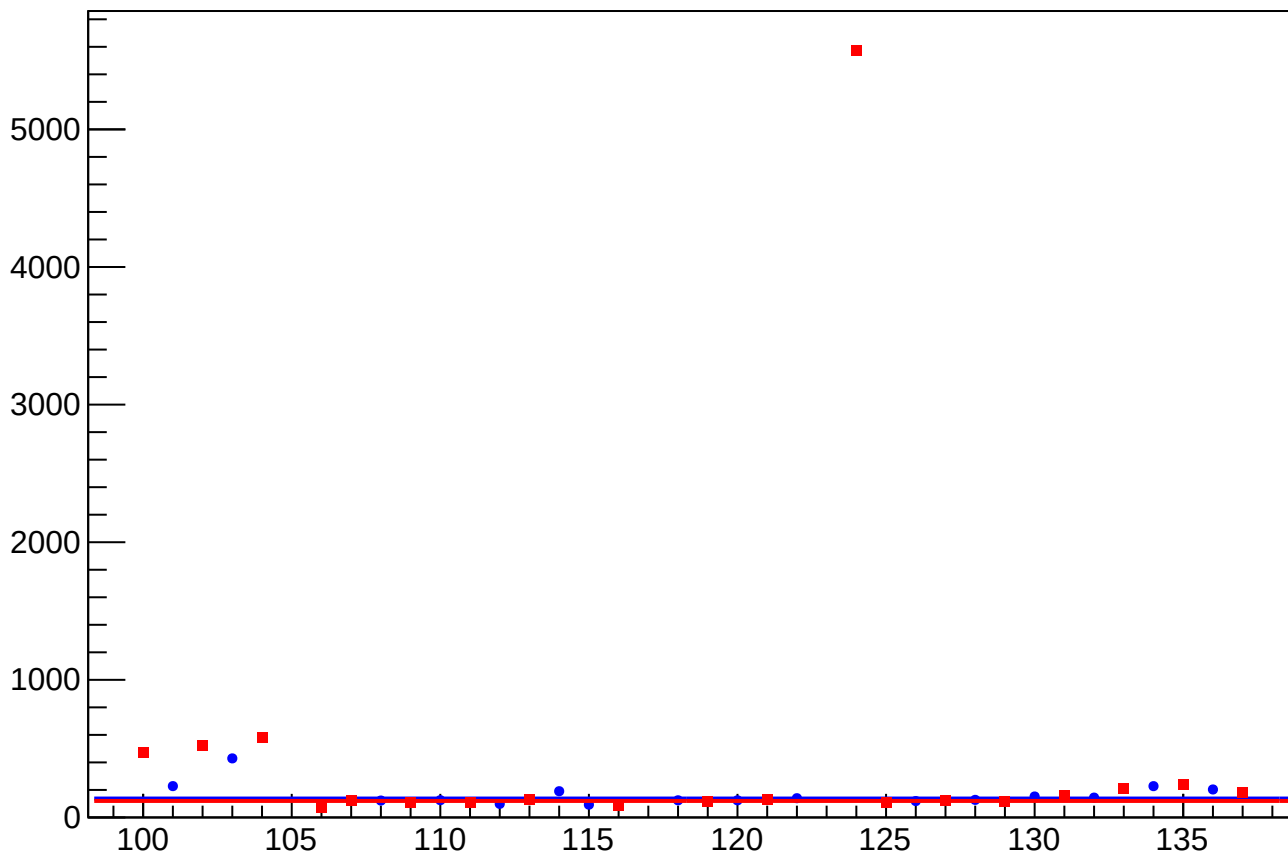
Right: -0.020 ± 0.038 χ^2/NDF : 46.9/34

In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.038 χ^2/NDF : 46.9/34

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.006+/-0.036 χ^2/NDF : 2139894.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

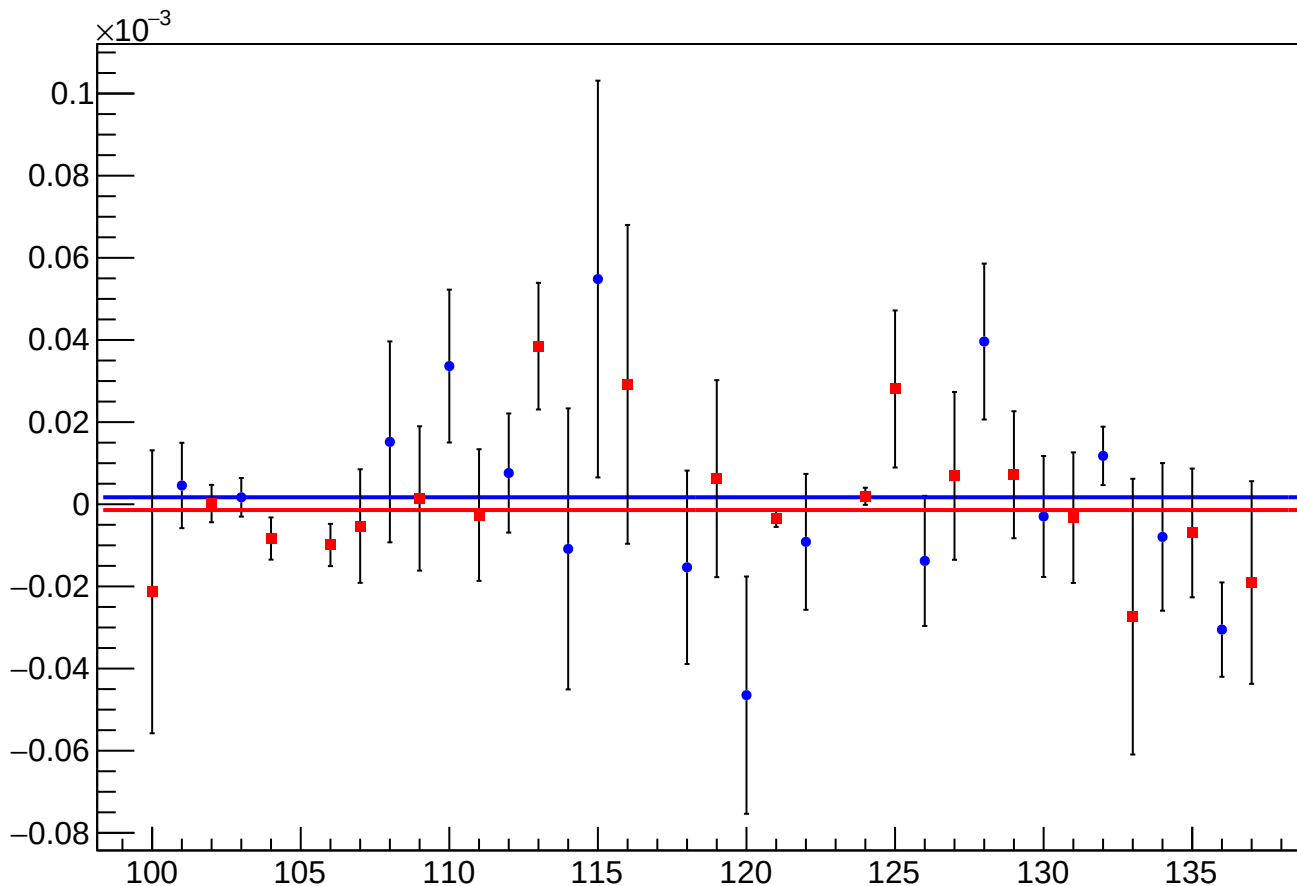
Right: 127.907+/-0.027 χ^2/NDF : 3514127.8/34

In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.907+/-0.027 χ^2/NDF : 3514127.8/34

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

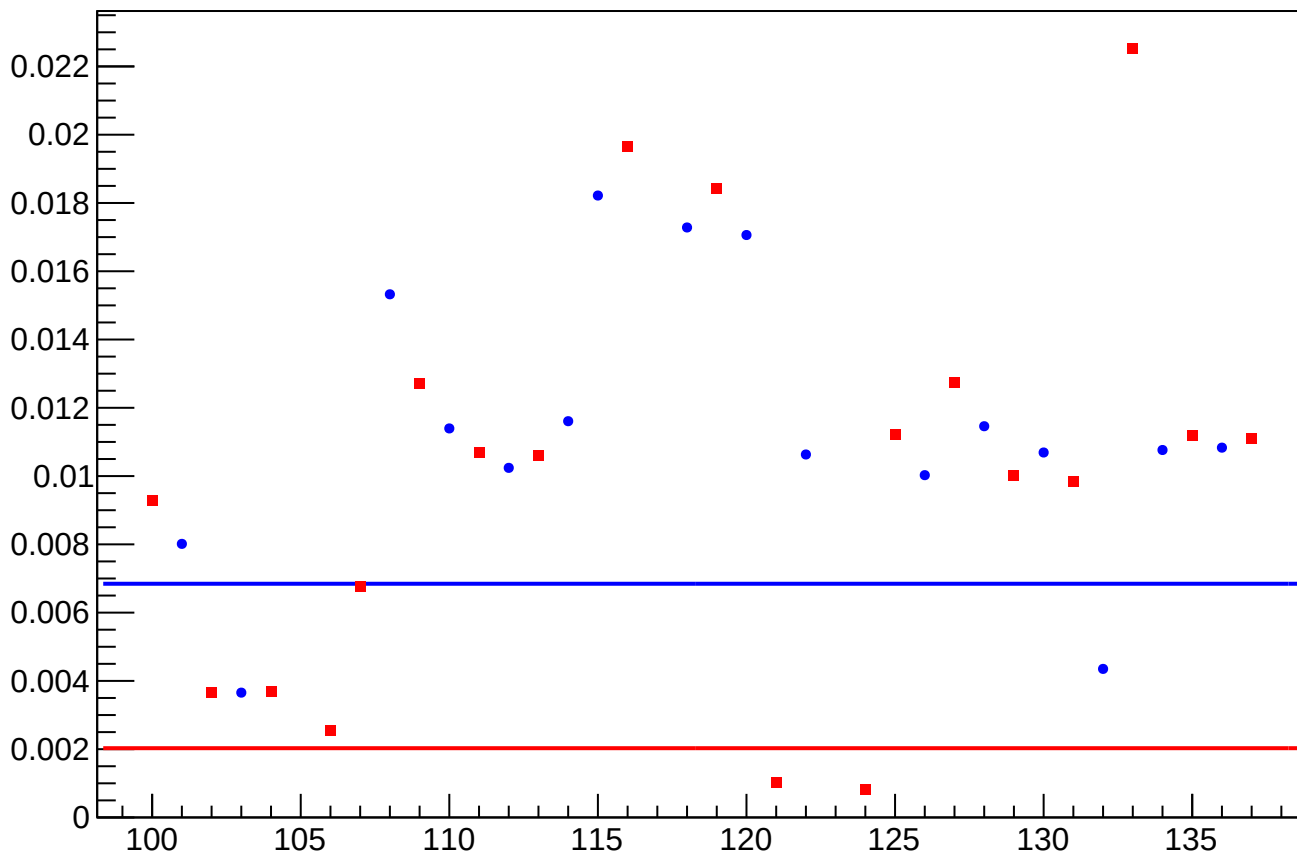
Right: -0.000+/-0.000 χ^2/NDF : 45.0/34

In: 0.000+/-0.000 χ^2/NDF : 23.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 45.0/34

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 3230112.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 9007527.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

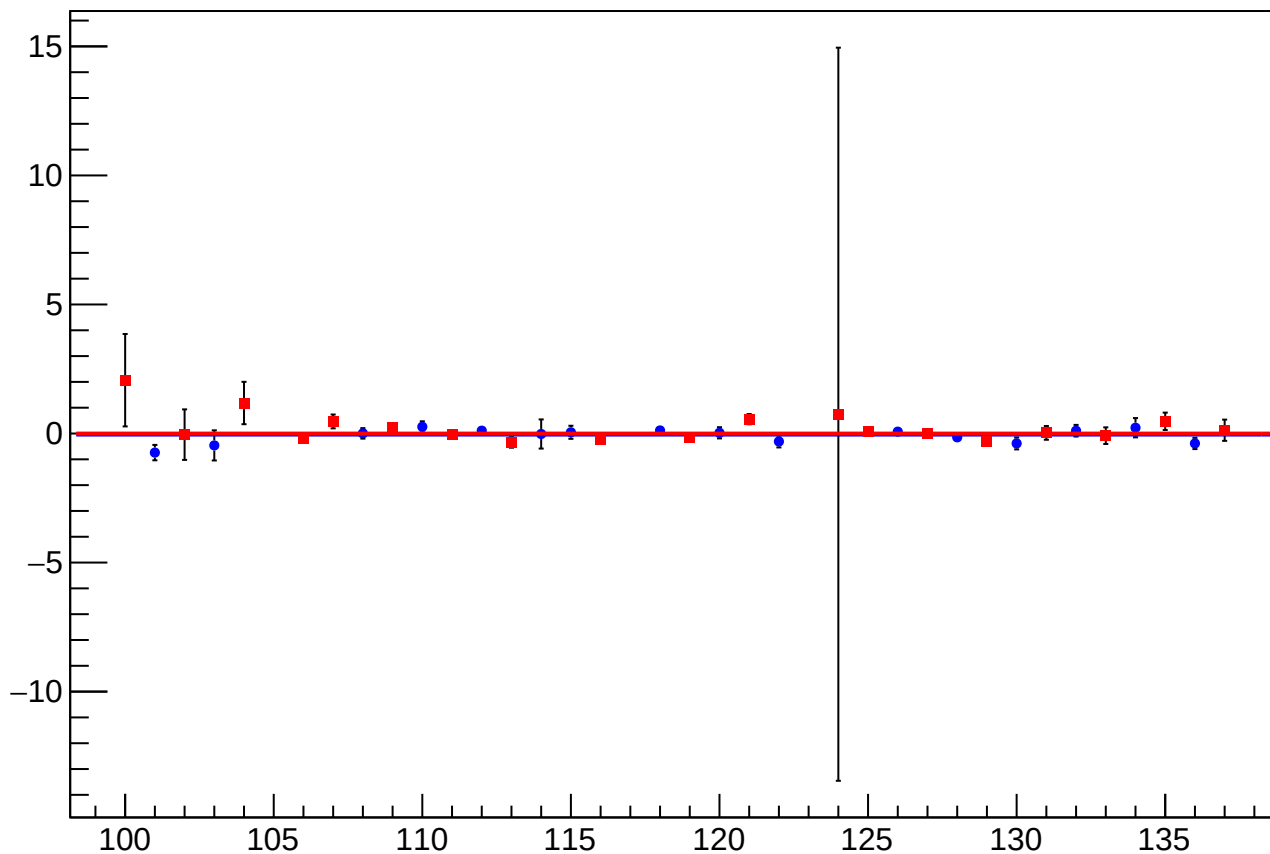
Right: 0.003+/-0.000 χ^2/NDF : 16707172.2/34

In: 0.007+/-0.000 χ^2/NDF :3230112.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 16707172.2/34

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.003 ± 0.051 χ^2/NDF : 28.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

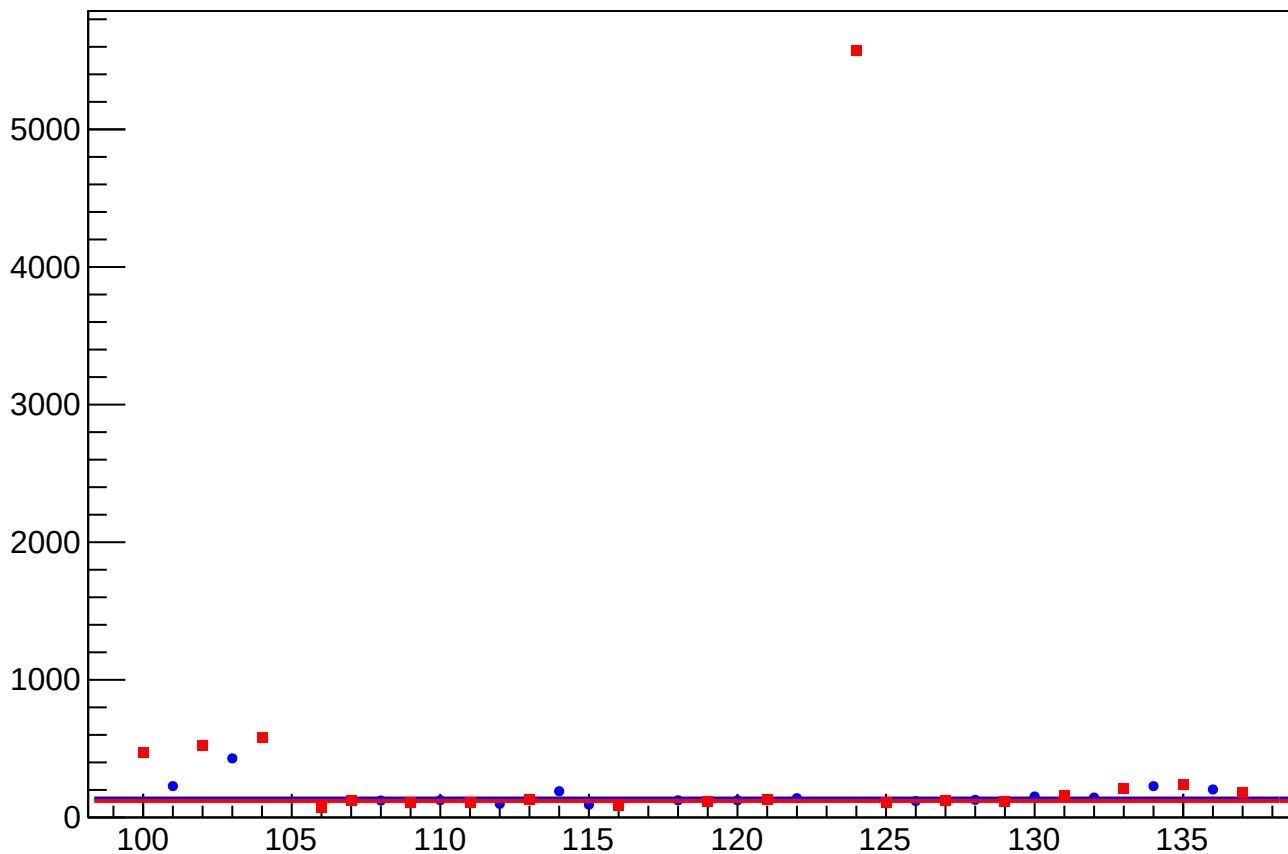
Right: -0.020 ± 0.038 χ^2/NDF : 46.9/34

In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.038 χ^2/NDF : 46.9/34

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.006+/-0.036 χ^2/NDF : 2139820.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

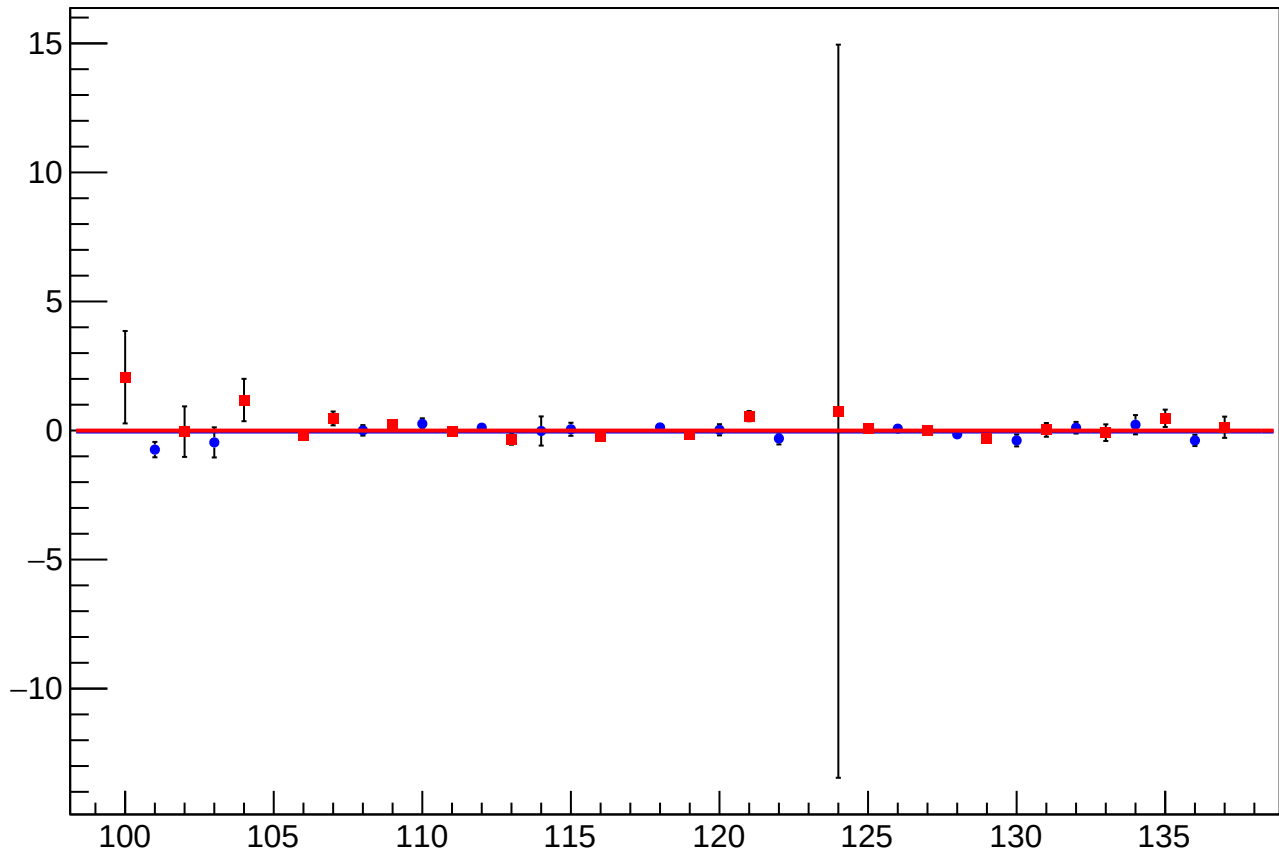
Right: 127.907+/-0.027 χ^2/NDF : 3514005.7/34

In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.907+/-0.027 χ^2/NDF : 3514005.7/34

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.056 $\chi^2/\text{NDF}: 17.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.003 ± 0.051 $\chi^2/\text{NDF}: 28.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

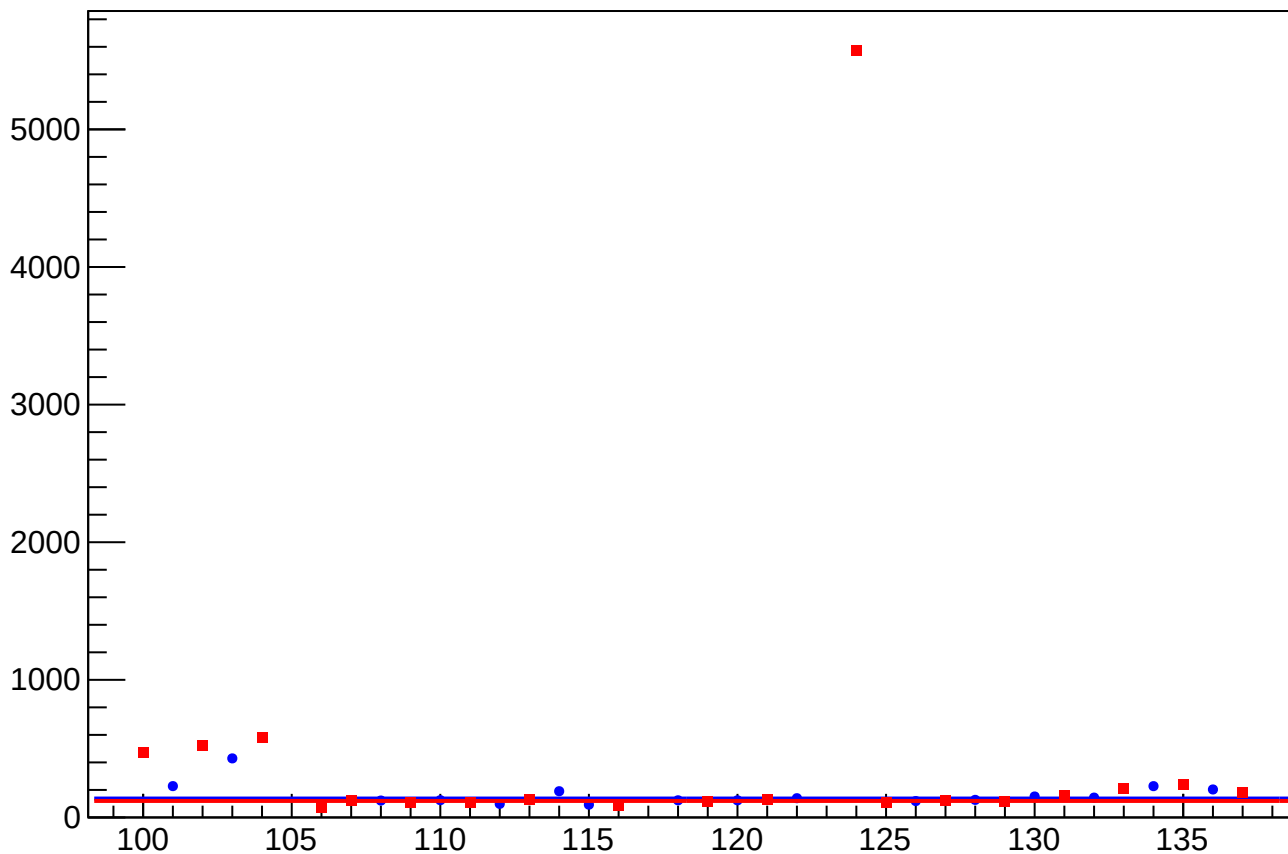
Right: -0.020 ± 0.038 $\chi^2/\text{NDF}: 46.9/34$

In: -0.040 ± 0.056 $\chi^2/\text{NDF}: 17.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.020 ± 0.038 $\chi^2/\text{NDF}: 46.9/34$

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 120.006+/-0.036 χ^2/NDF : 2139820.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

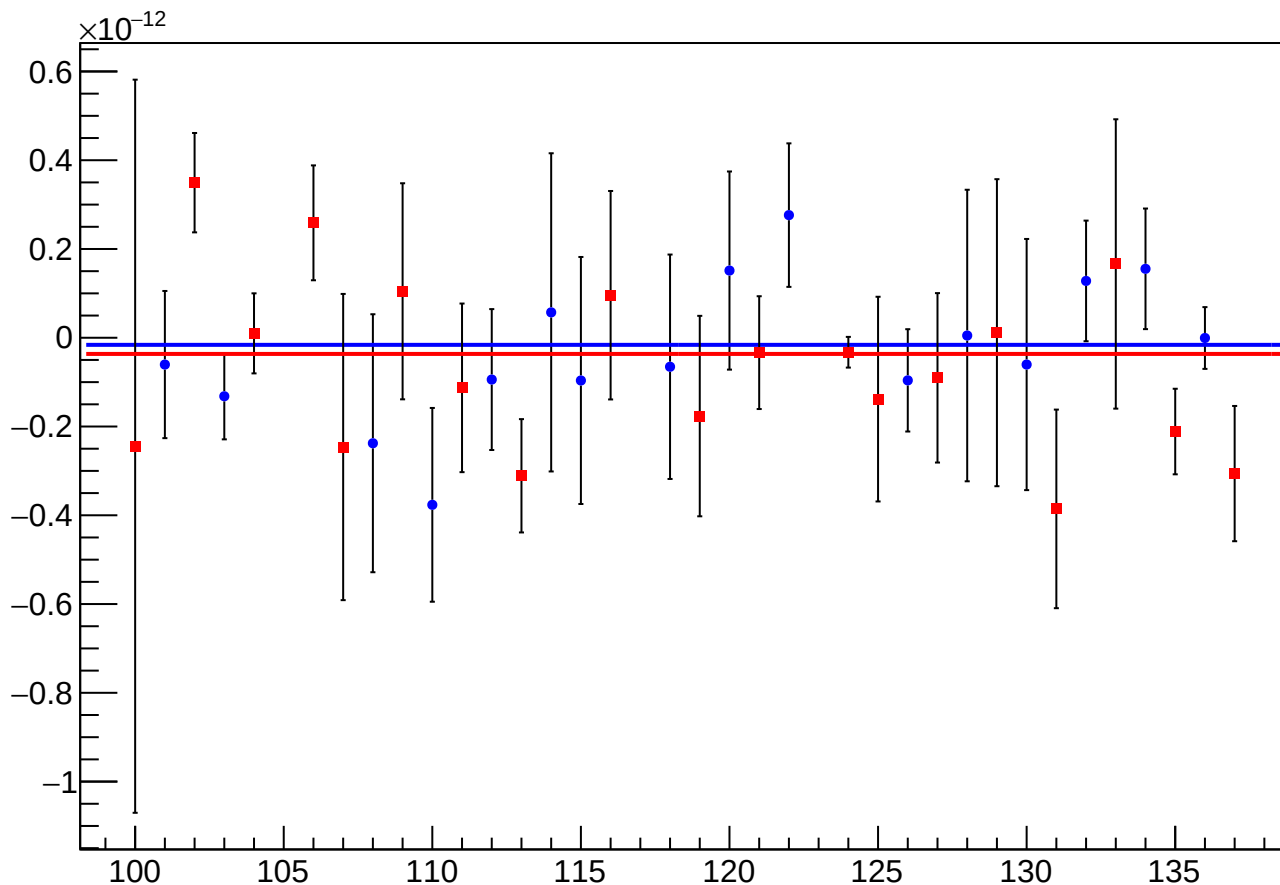
Right: 127.907+/-0.027 χ^2/NDF : 3514005.7/34

In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.907+/-0.027 χ^2/NDF : 3514005.7/34

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 33.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

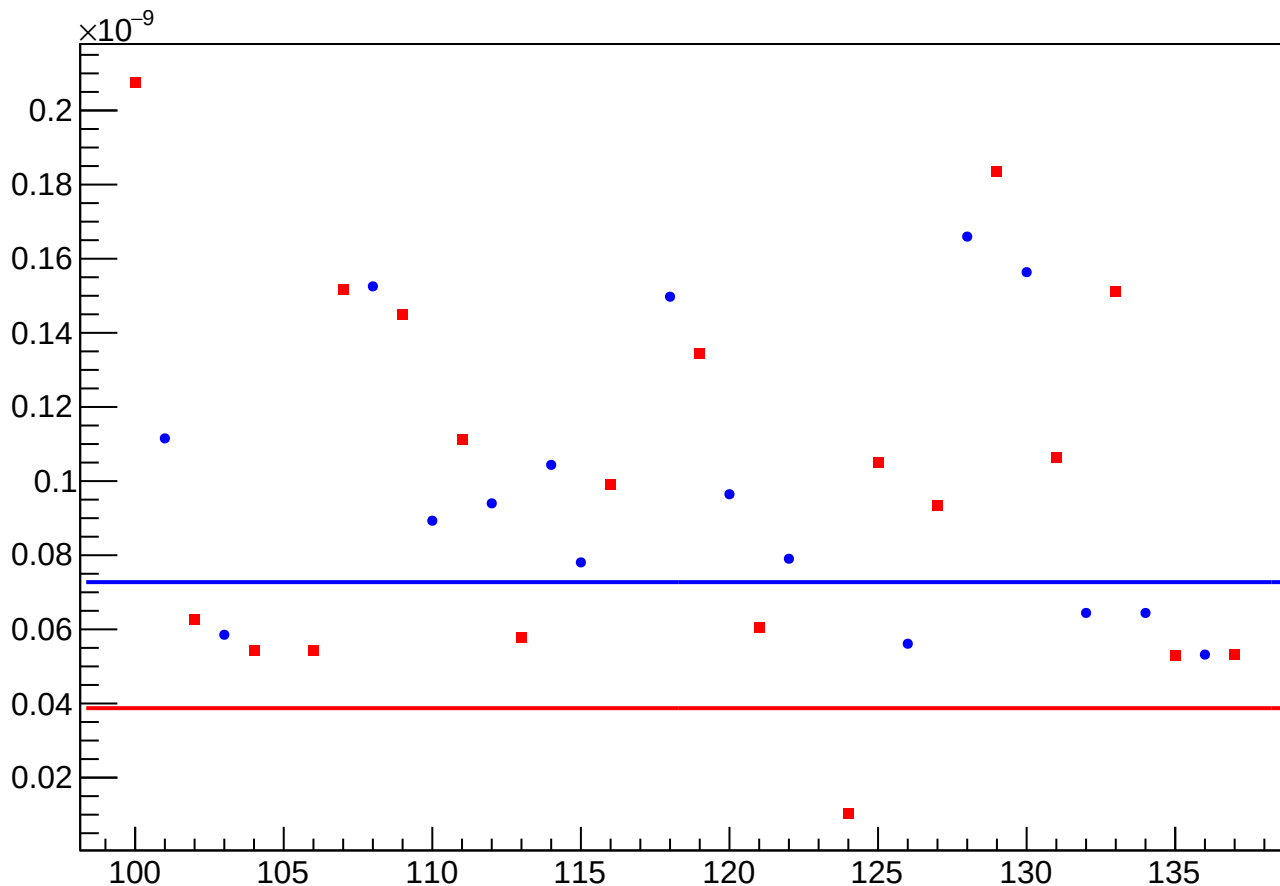
Right: -0.000+/-0.000 χ^2/NDF : 45.7/34

In: -0.000+/-0.000 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 45.7/34

asym_atr12_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1128031.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4266020.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

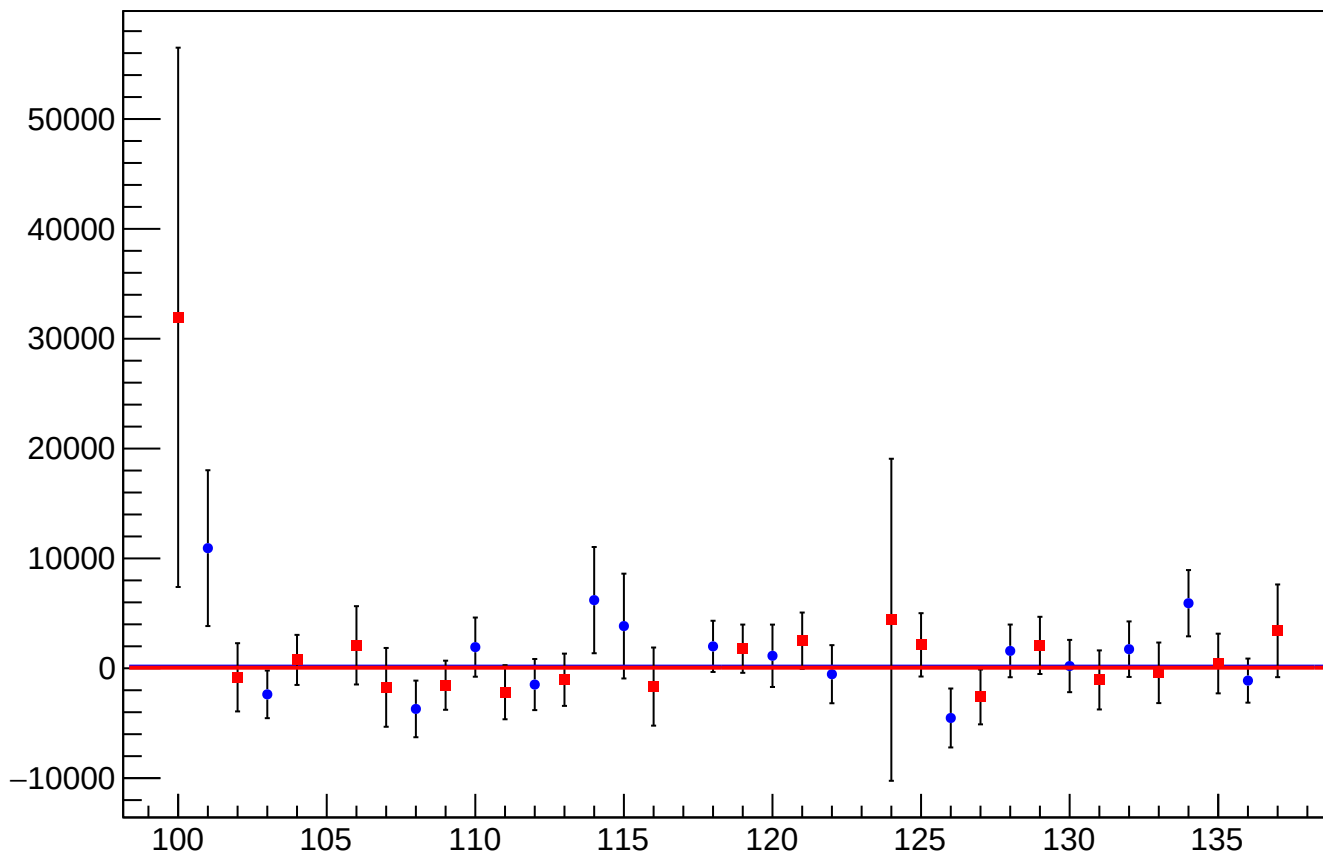
Right: 0.000+/-0.000 χ^2/NDF : 6532086.1/34

In: 0.000+/-0.000 χ^2/NDF : 1128031.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6532086.1/34

reg_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 150.722 $\pm$ 667.029 χ^2 /NDF: 17.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.106 $\pm$ 655.266 χ^2 /NDF: 9.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

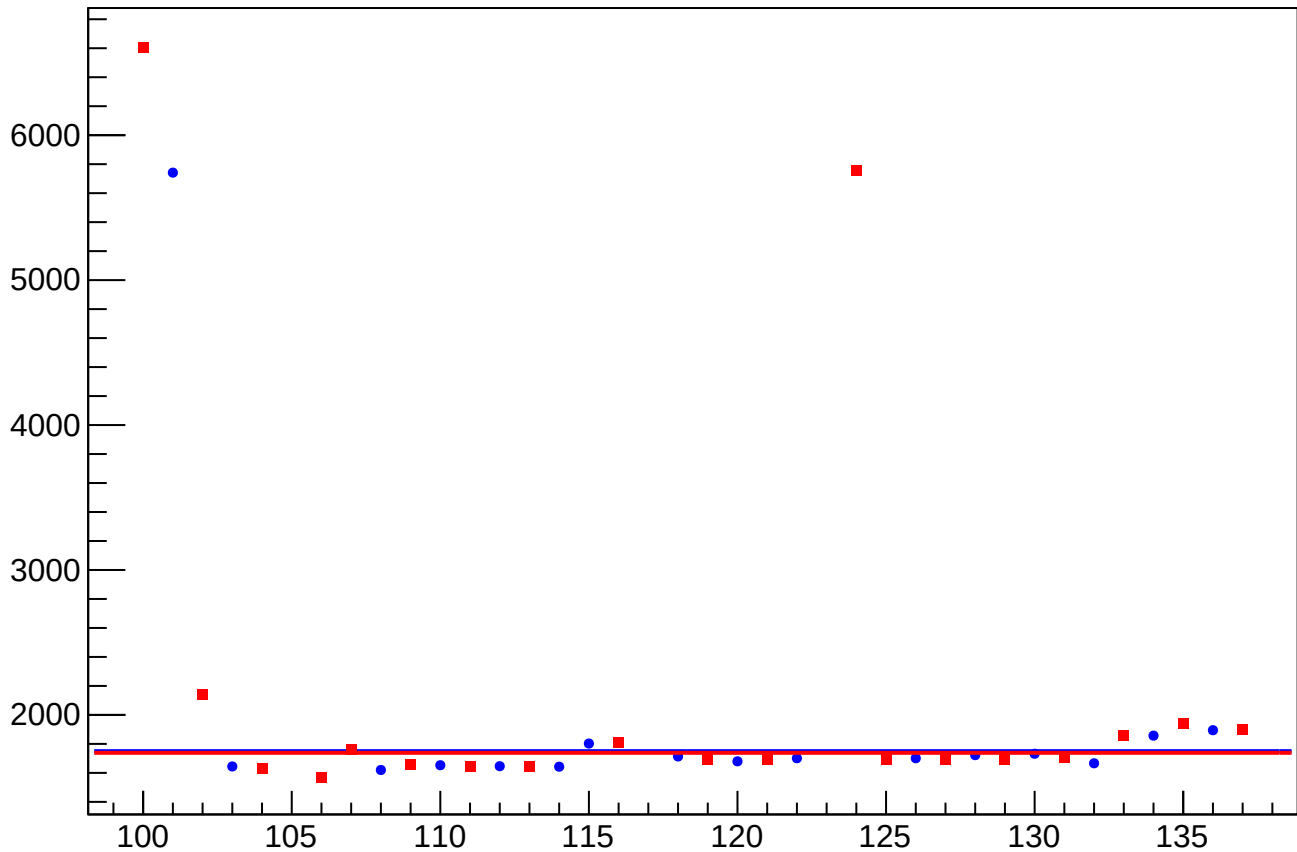
Right: 101.554 $\pm$ 467.446 χ^2 /NDF: 26.6/34

In: 150.722 $\pm$ 667.029 χ^2 /NDF:17.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.554 $\pm$ 467.446 χ^2 /NDF: 26.6/34

reg_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1749.864+/-0.472 χ^2/NDF : 669576.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1738.493+/-0.460 χ^2/NDF : 304493.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

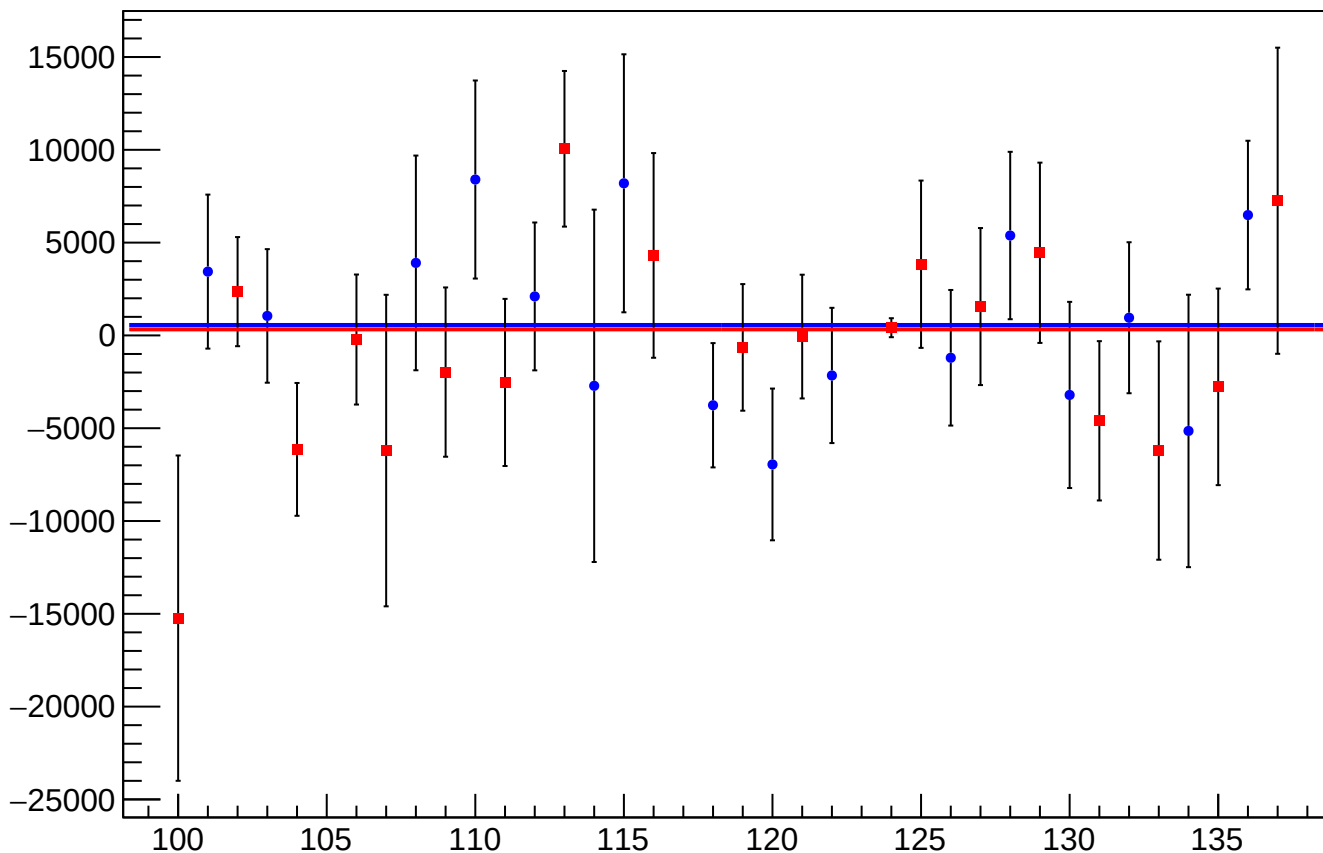
Right: 1744.036+/-0.329 χ^2/NDF : 974367.2/34

In: 1749.864+/-0.472 χ^2/NDF : 669576.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.036+/-0.329 χ^2/NDF : 974367.2/34

asym_atr1l2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 562.339+/-1101.163 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 325.567+/-457.948 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

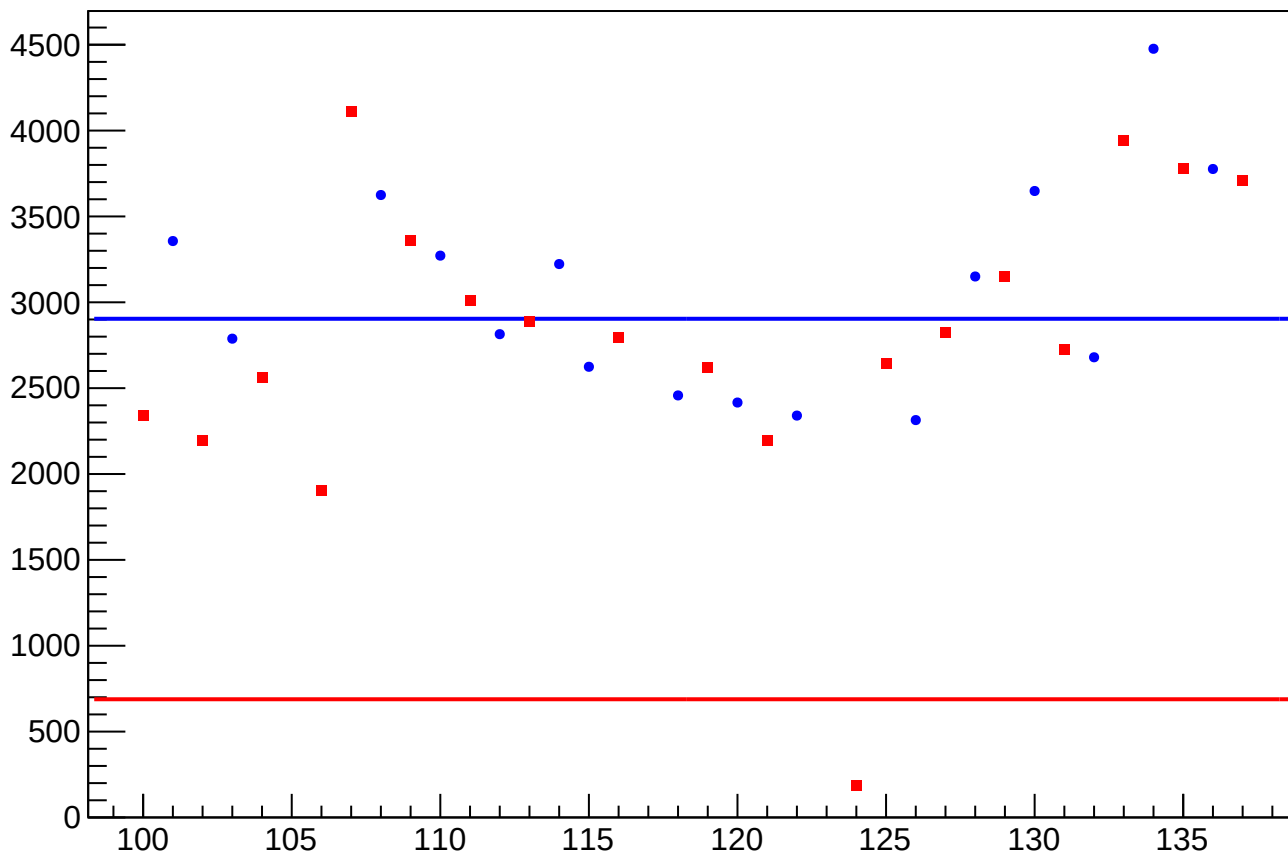
Right: 360.479+/-422.840 χ^2/NDF : 34.1/34

In: 562.339+/-1101.163 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.479+/-422.840 χ^2/NDF : 34.1/34

asym_atr1l2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2904.059+/-0.779 χ^2/NDF : 479774.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 688.319+/-0.324 χ^2/NDF : 10148914.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

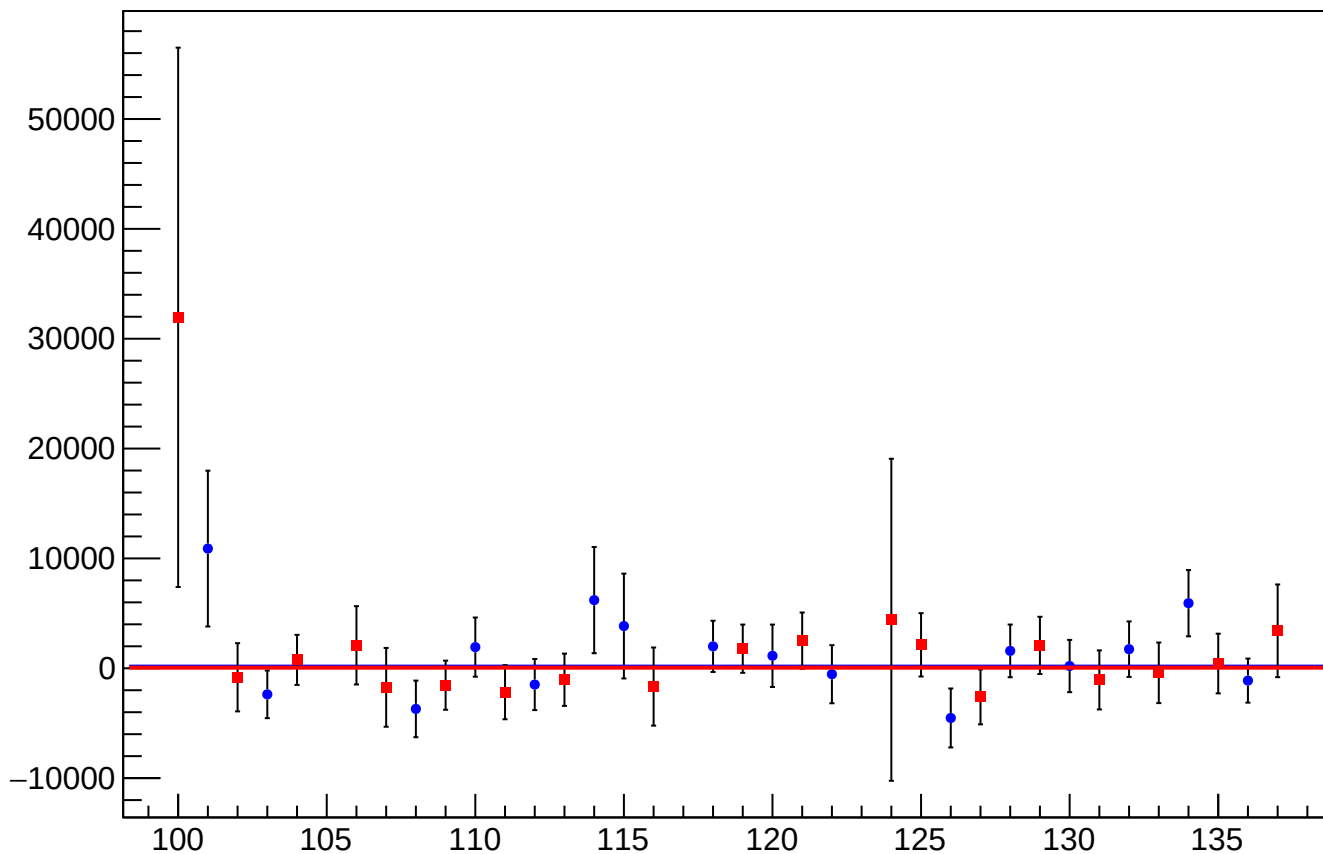
Right: 1015.033+/-0.299 χ^2/NDF : 17532420.1/34

In: 2904.059+/-0.779 χ^2/NDF : 479774.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1015.033+/-0.299 χ^2/NDF : 17532420.1/34

cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 150.254 $\pm$ 667.029 χ^2 /NDF: 17.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.158 $\pm$ 655.266 χ^2 /NDF: 9.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

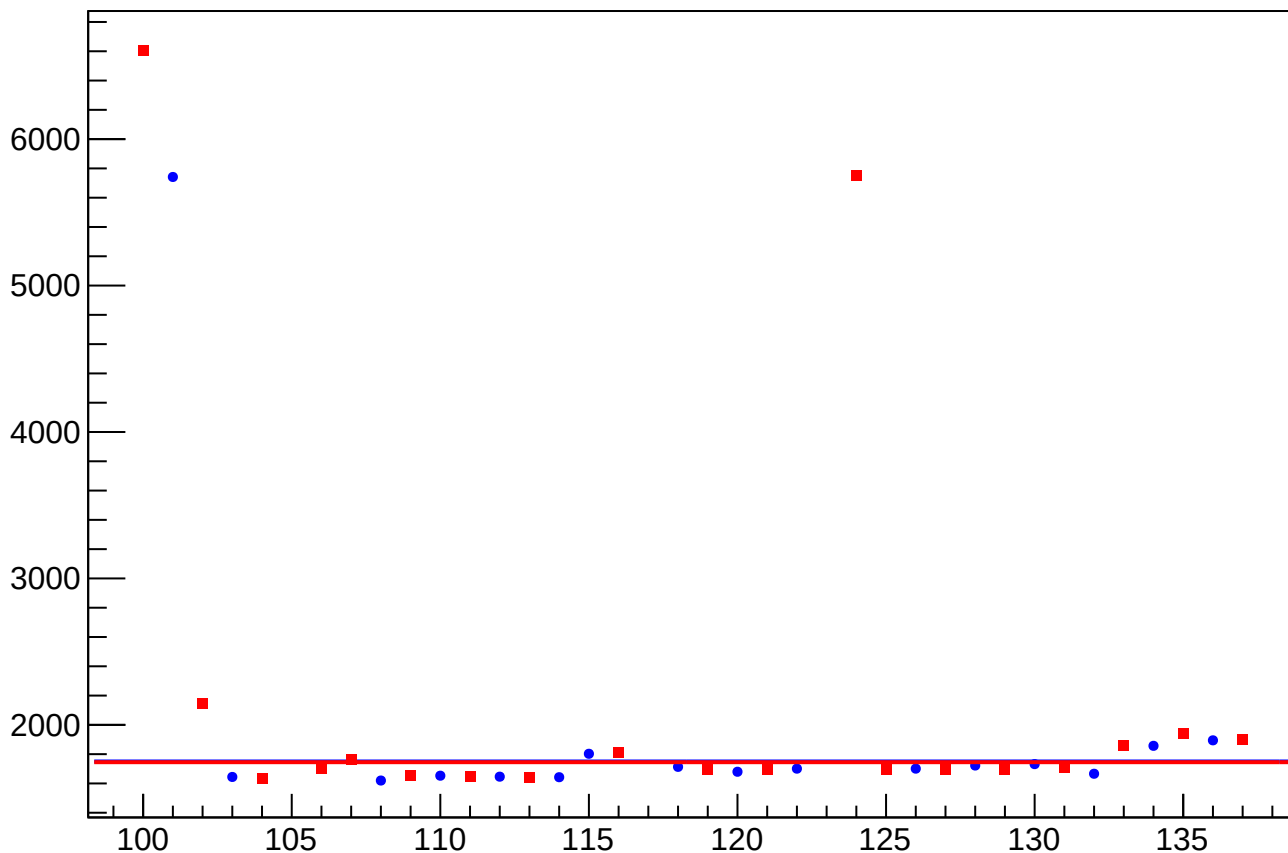
Right: 101.351 $\pm$ 467.446 χ^2 /NDF: 26.6/34

In: 150.254 $\pm$ 667.029 χ^2 /NDF:17.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.351 $\pm$ 467.446 χ^2 /NDF: 26.6/34

cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1745.188+/-0.462 χ^2/NDF : 297979.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

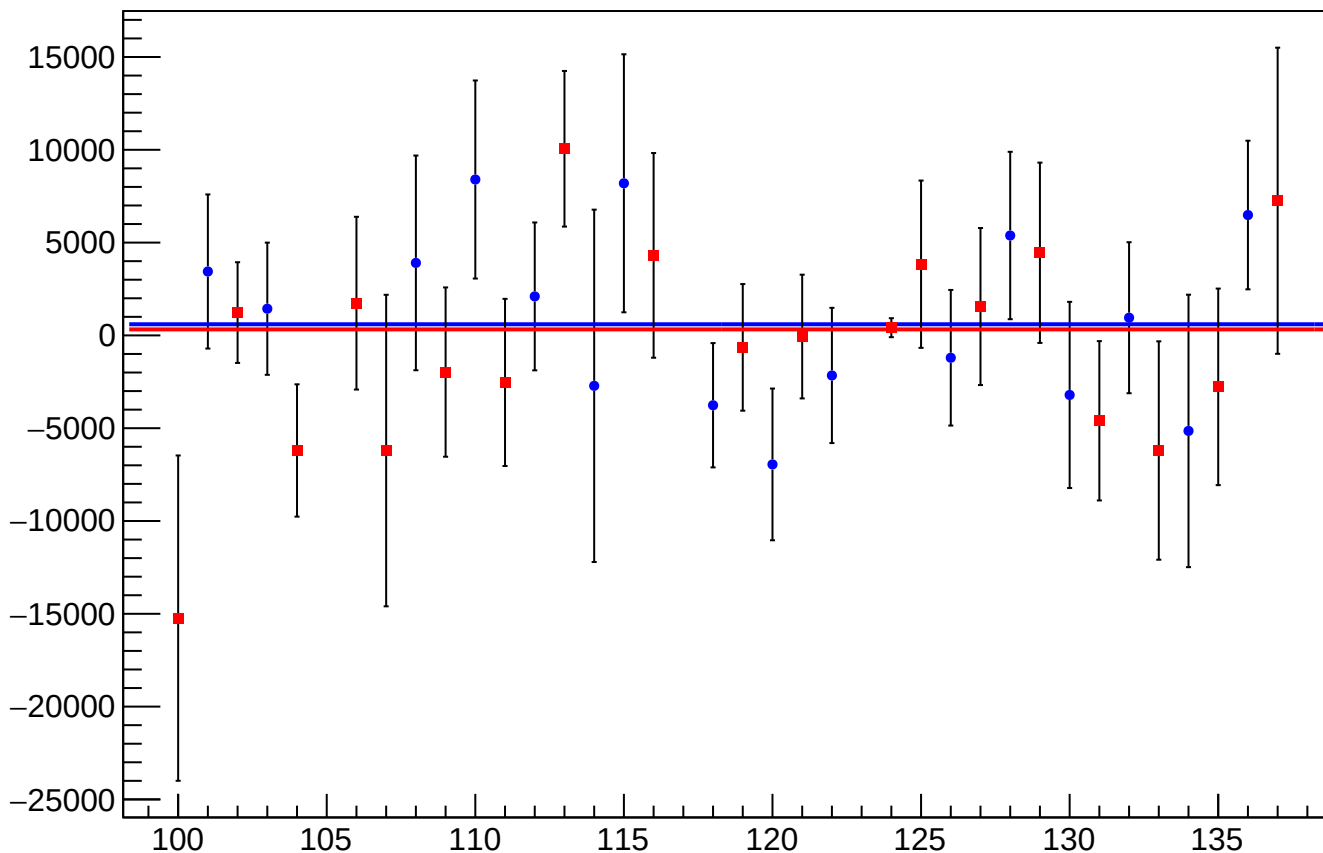
Right: 1747.476+/-0.330 χ^2/NDF : 967605.3/34

In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.476+/-0.330 χ^2/NDF : 967605.3/34

asym_atr1l2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 600.202 $\pm$ 1100.125 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 323.164 $\pm$ 458.862 χ^2 /NDF: 19.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

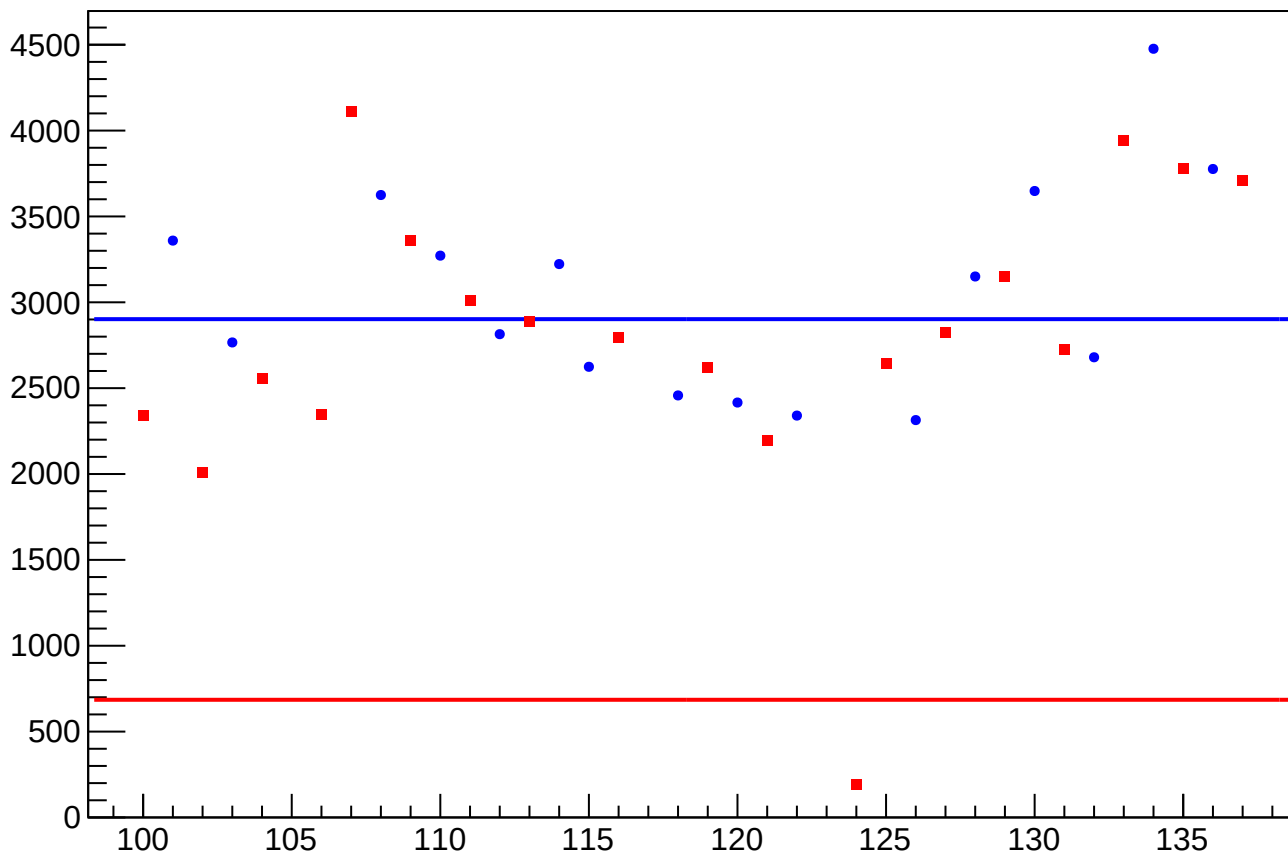
Right: 364.218 $\pm$ 423.500 χ^2 /NDF: 33.9/34

In: 600.202 $\pm$ 1100.125 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 364.218 $\pm$ 423.500 χ^2 /NDF: 33.9/34

asym_atr1l2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.257+/-0.324 χ^2/NDF : 10105797.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

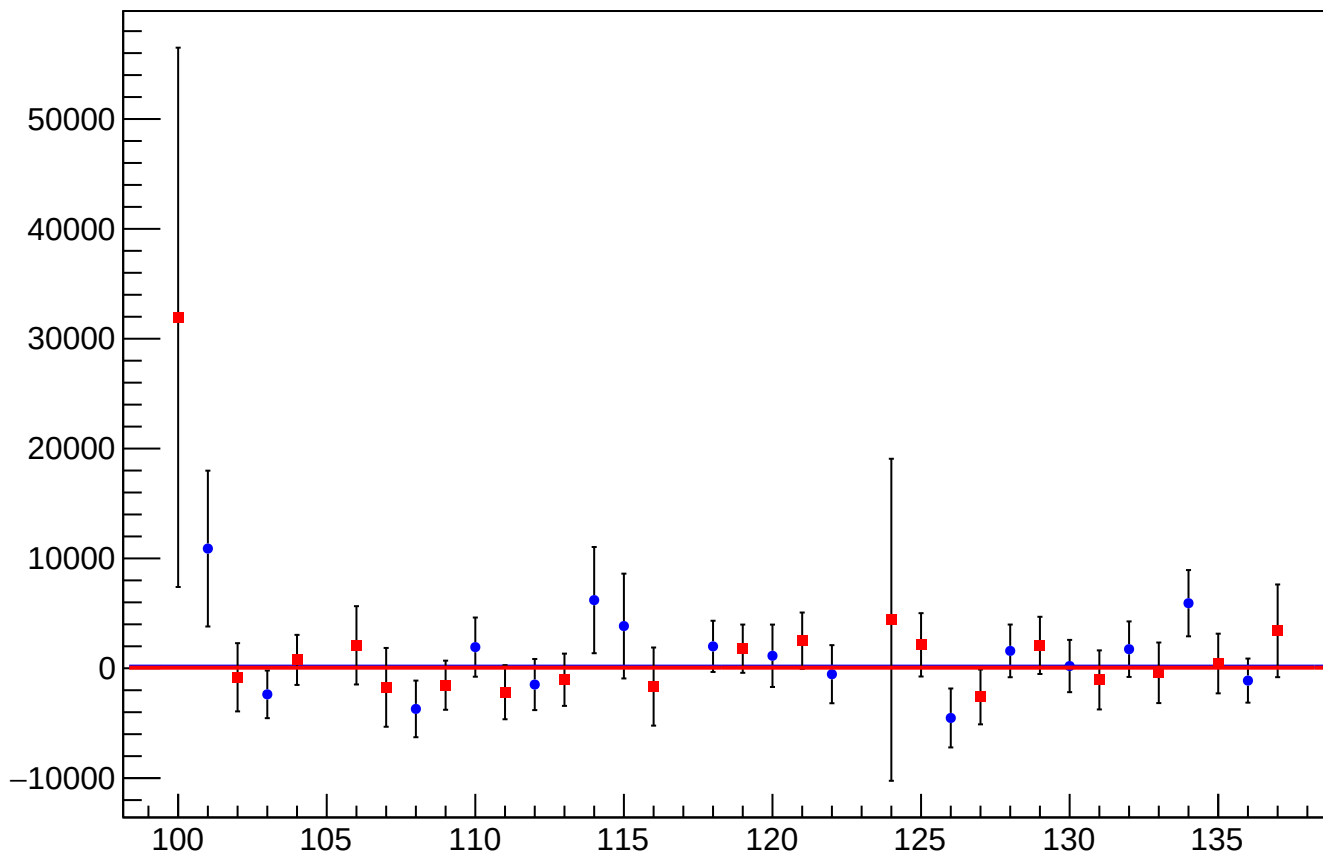
Right: 1013.738+/-0.299 χ^2/NDF : 17502877.4/34

In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.738+/-0.299 χ^2/NDF : 17502877.4/34

eigen_cor_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 150.254+/-667.029 χ^2 /NDF: 17.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 54.158+/-655.266 χ^2 /NDF: 9.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

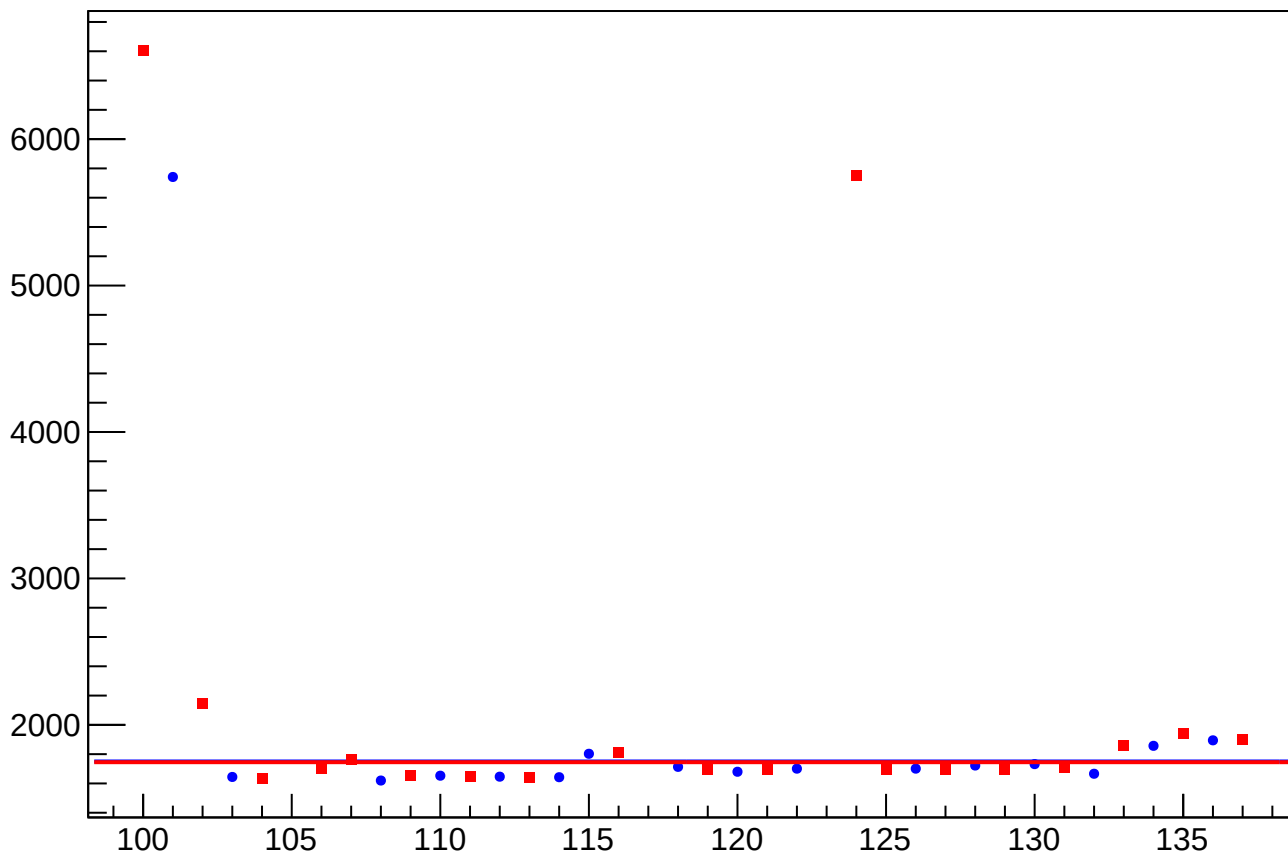
Right: 101.351+/-467.446 χ^2 /NDF: 26.6/34

In: 150.254+/-667.029 χ^2 /NDF:17.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 101.351+/-467.446 χ^2 /NDF: 26.6/34

eigen_cor_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1745.188+/-0.462 χ^2/NDF : 297979.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

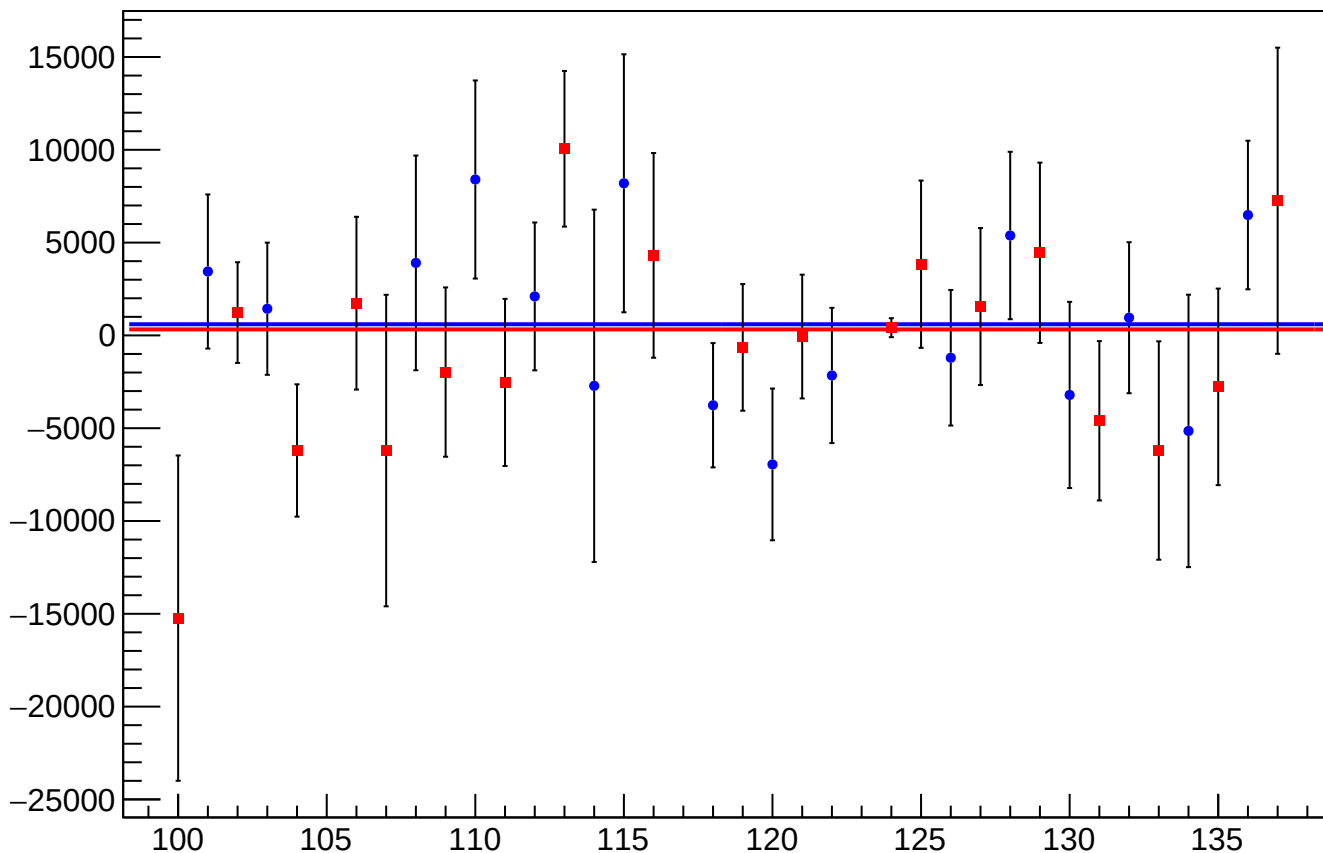
Right: 1747.476+/-0.330 χ^2/NDF : 967605.3/34

In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.476+/-0.330 χ^2/NDF : 967605.3/34

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 600.202 $\pm$ 1100.125 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 323.164 $\pm$ 458.862 χ^2 /NDF: 19.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

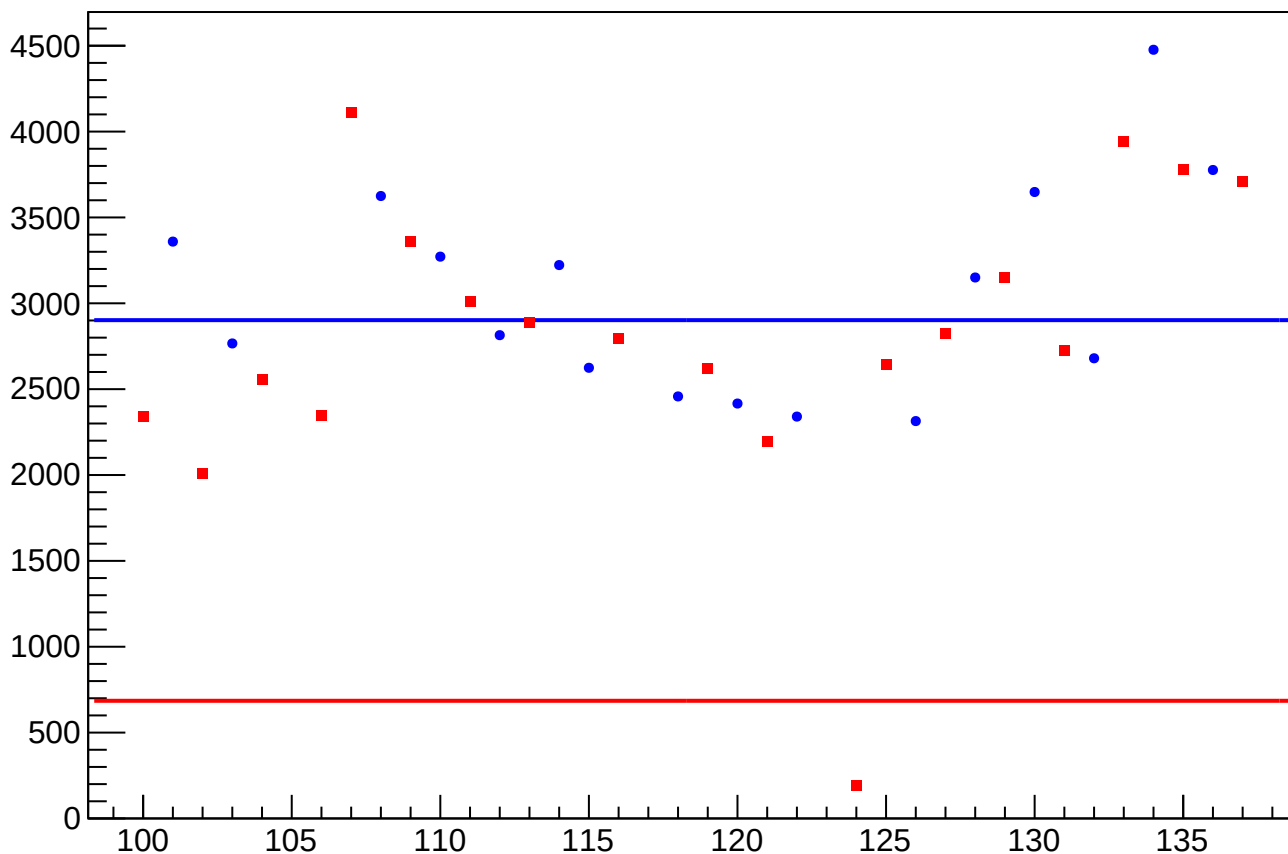
Right: 364.218 $\pm$ 423.500 χ^2 /NDF: 33.9/34

In: 600.202 $\pm$ 1100.125 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 364.218 $\pm$ 423.500 χ^2 /NDF: 33.9/34

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.257+/-0.324 χ^2/NDF : 10105797.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

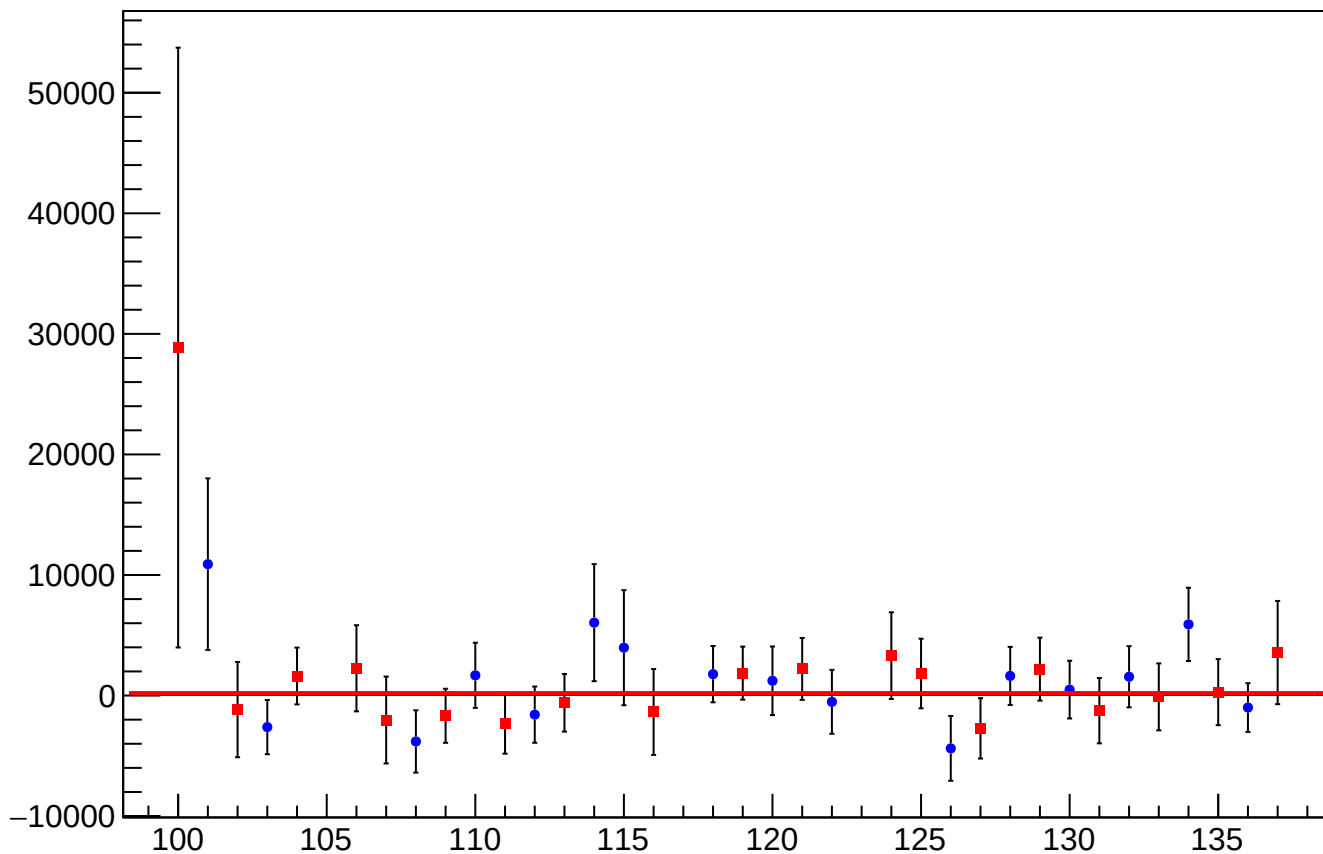
Right: 1013.738+/-0.299 χ^2/NDF : 17502877.4/34

In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1013.738+/-0.299 χ^2/NDF : 17502877.4/34

dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 133.838+/-671.621 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 205.424+/-654.444 χ^2/NDF : 9.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

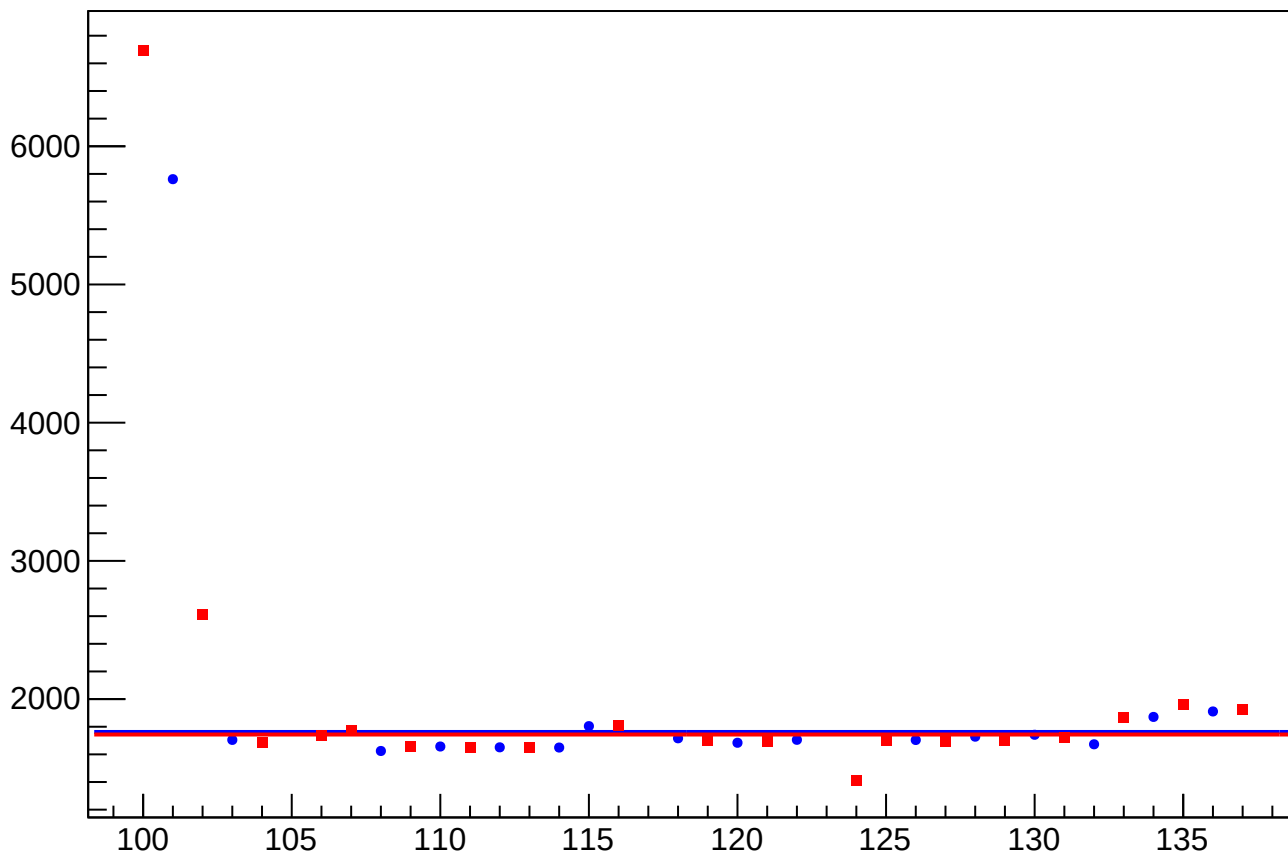
Right: 170.558+/-468.717 χ^2/NDF : 27.0/34

In: 133.838+/-671.621 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.558+/-468.717 χ^2/NDF : 27.0/34

dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.723+/-0.461 χ^2/NDF : 227762.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

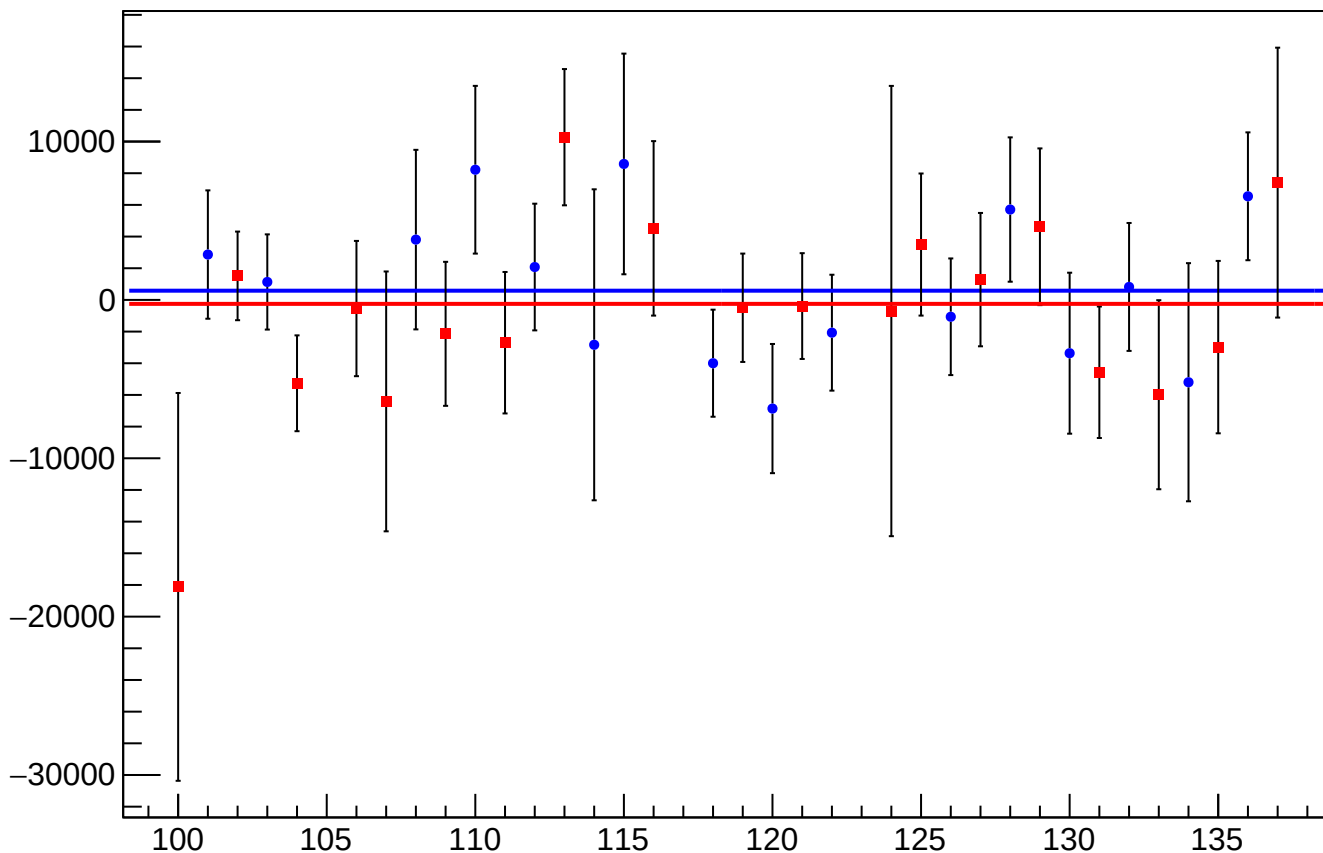
Right: 1752.624+/-0.331 χ^2/NDF : 896224.9/34

In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.624+/-0.331 χ^2/NDF : 896224.9/34

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 582.223 $\pm$ 1081.481 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -250.224 $\pm$ 1021.012 χ^2 /NDF: 17.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

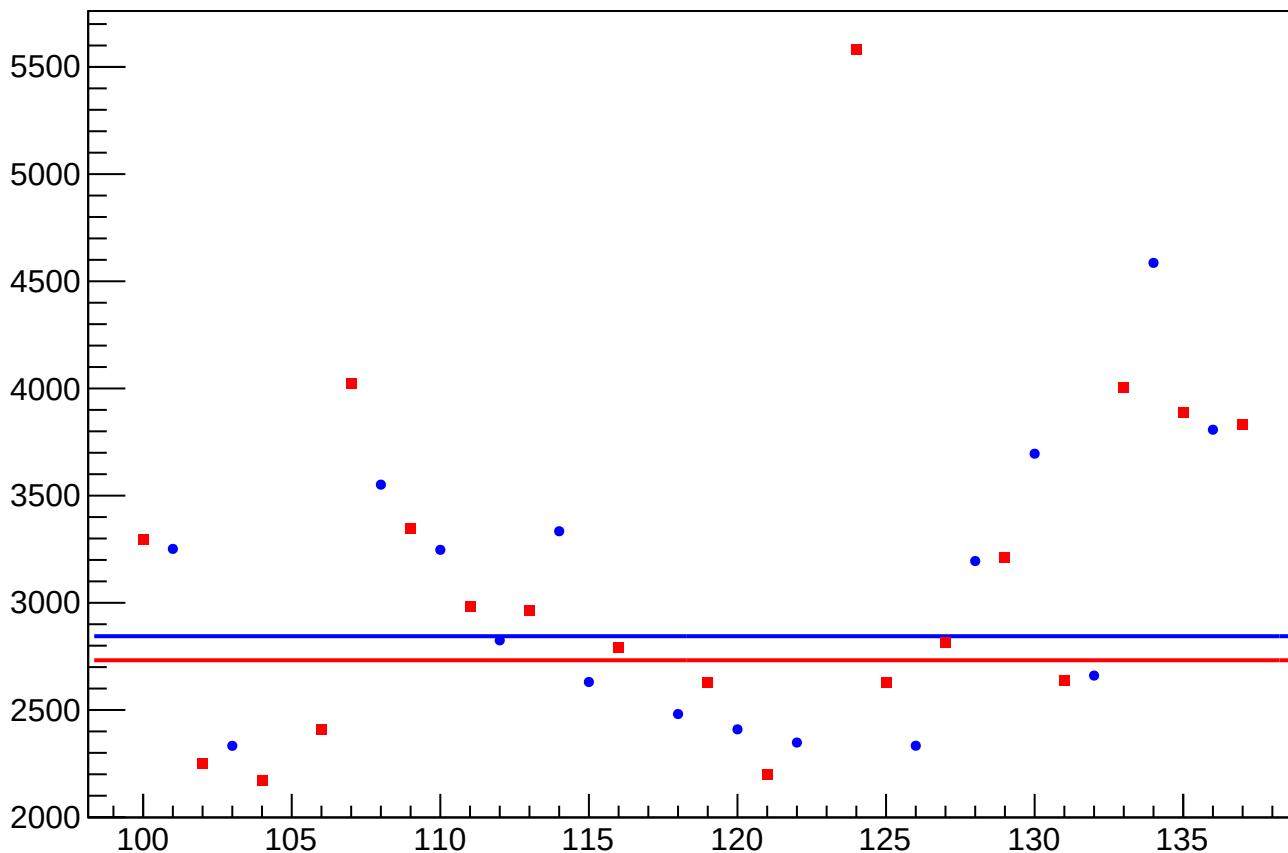
Right: 142.078 $\pm$ 742.422 χ^2 /NDF: 33.1/34

In: 582.223 $\pm$ 1081.481 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.078 $\pm$ 742.422 χ^2 /NDF: 33.1/34

asym_atr1l2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2844.153+/-0.765 χ^2/NDF : 542032.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.978+/-0.722 χ^2/NDF : 611275.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

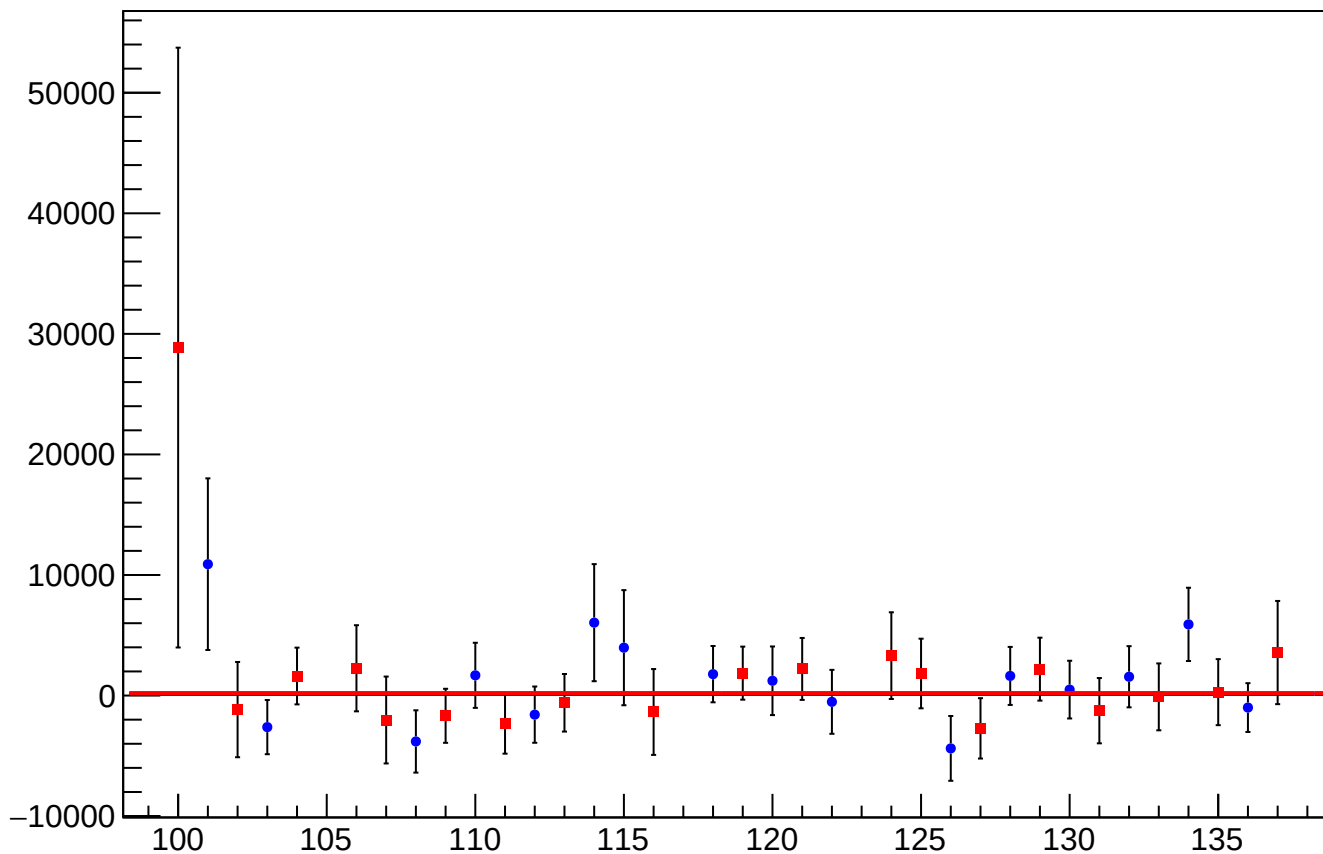
Right: 2784.841+/-0.525 χ^2/NDF : 1164684.5/34

In: 2844.153+/-0.765 χ^2/NDF : 542032.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.841+/-0.525 χ^2/NDF : 1164684.5/34

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 133.837 $\pm$ 671.621 χ^2 /NDF: 17.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 205.422 $\pm$ 654.444 χ^2 /NDF: 9.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

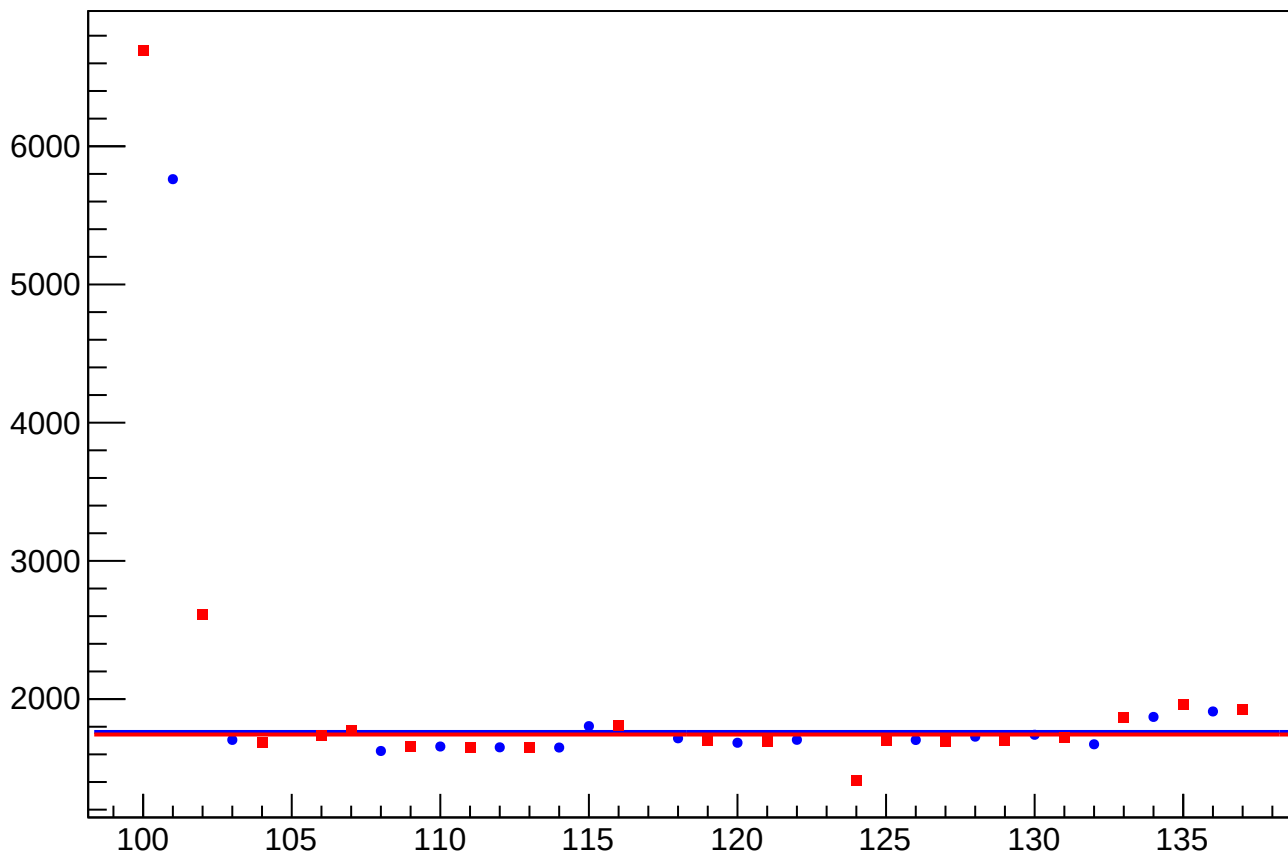
Right: 170.557 $\pm$ 468.717 χ^2 /NDF: 27.0/34

In: 133.837 $\pm$ 671.621 χ^2 /NDF:17.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 170.557 $\pm$ 468.717 χ^2 /NDF: 27.0/34

eigen_dit_asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1743.723+/-0.461 χ^2/NDF : 227762.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

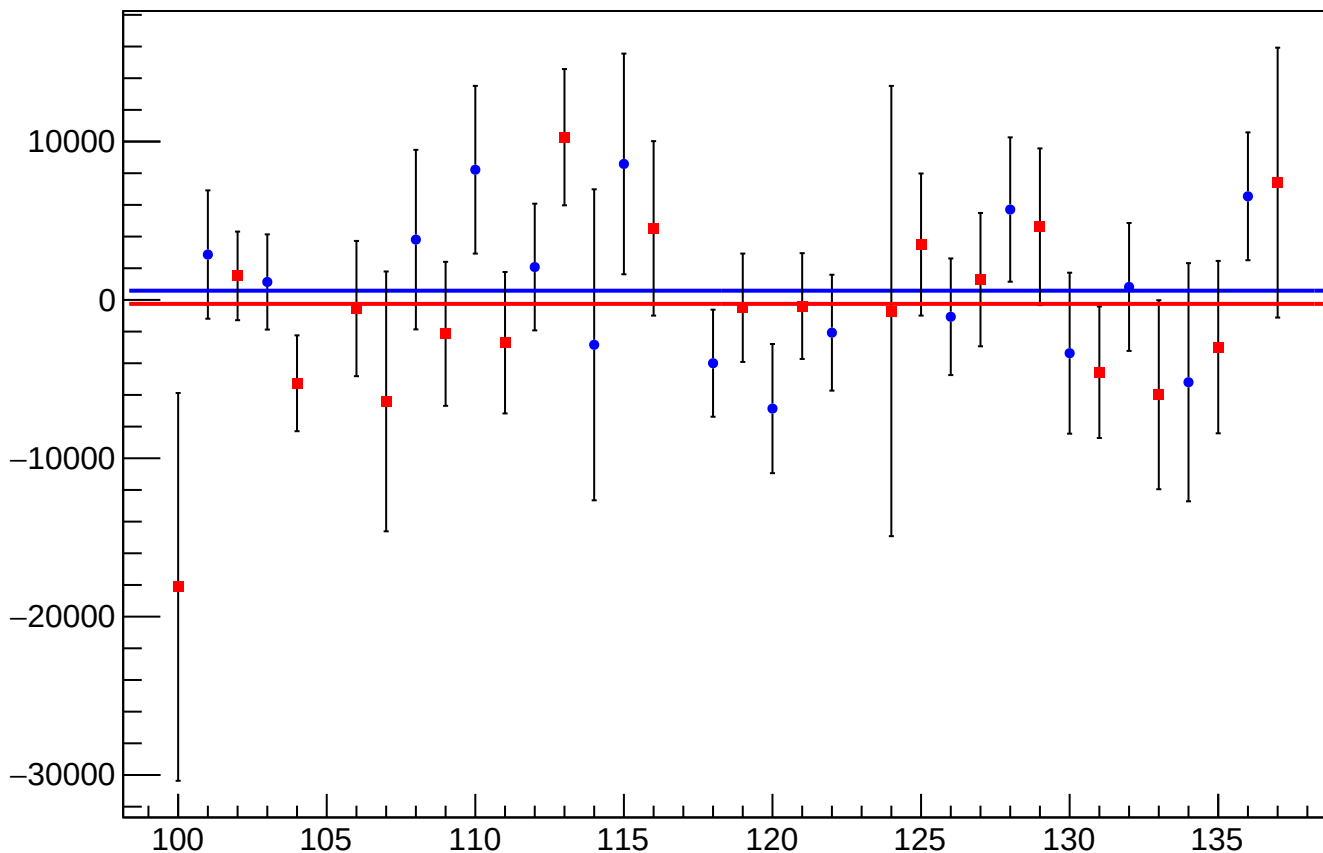
Right: 1752.624+/-0.331 χ^2/NDF : 896224.9/34

In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1752.624+/-0.331 χ^2/NDF : 896224.9/34

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 582.219 $\pm$ 1081.478 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -250.225 $\pm$ 1021.010 χ^2 /NDF: 17.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

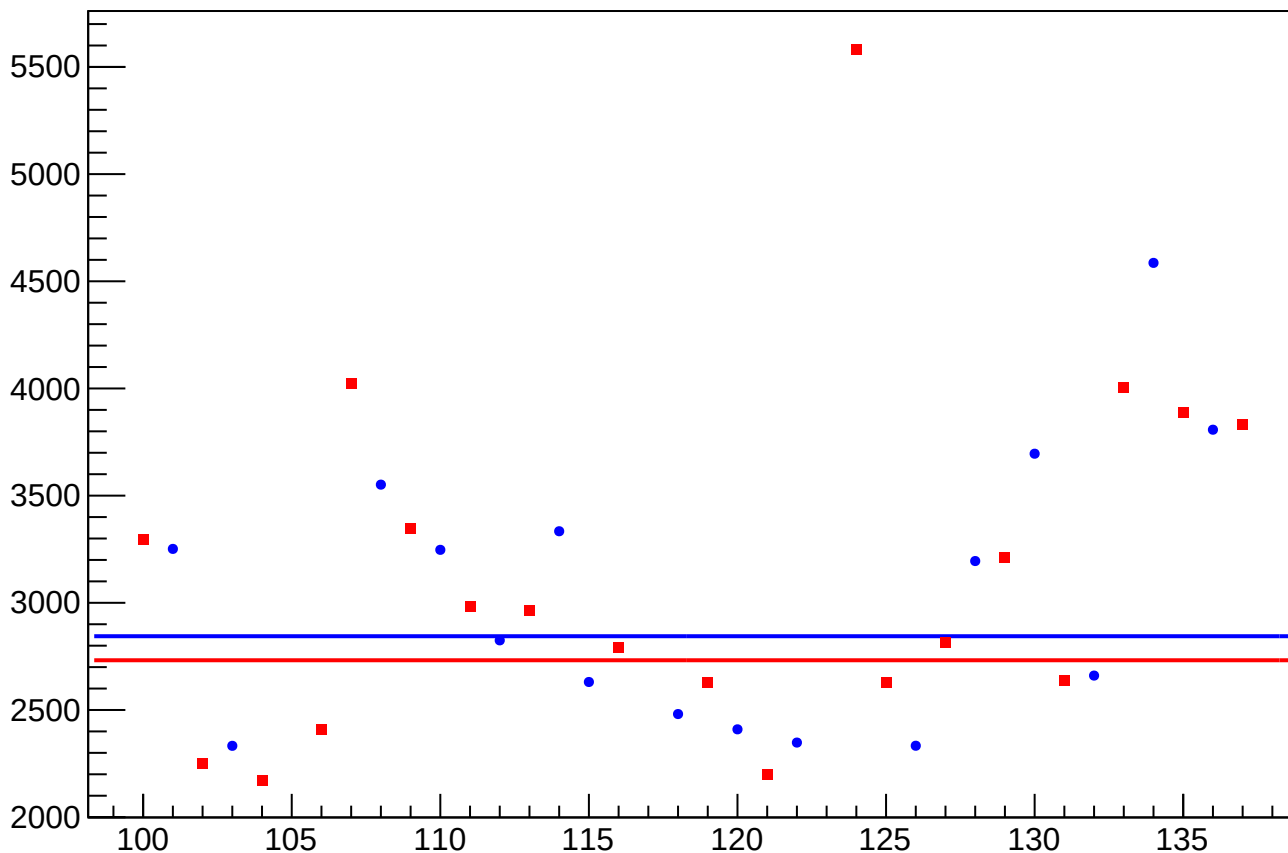
Right: 142.075 $\pm$ 742.420 χ^2 /NDF: 33.1/34

In: 582.219 $\pm$ 1081.478 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.075 $\pm$ 742.420 χ^2 /NDF: 33.1/34

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2844.145+/-0.765 χ^2/NDF : 542036.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2731.972+/-0.722 χ^2/NDF : 611272.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

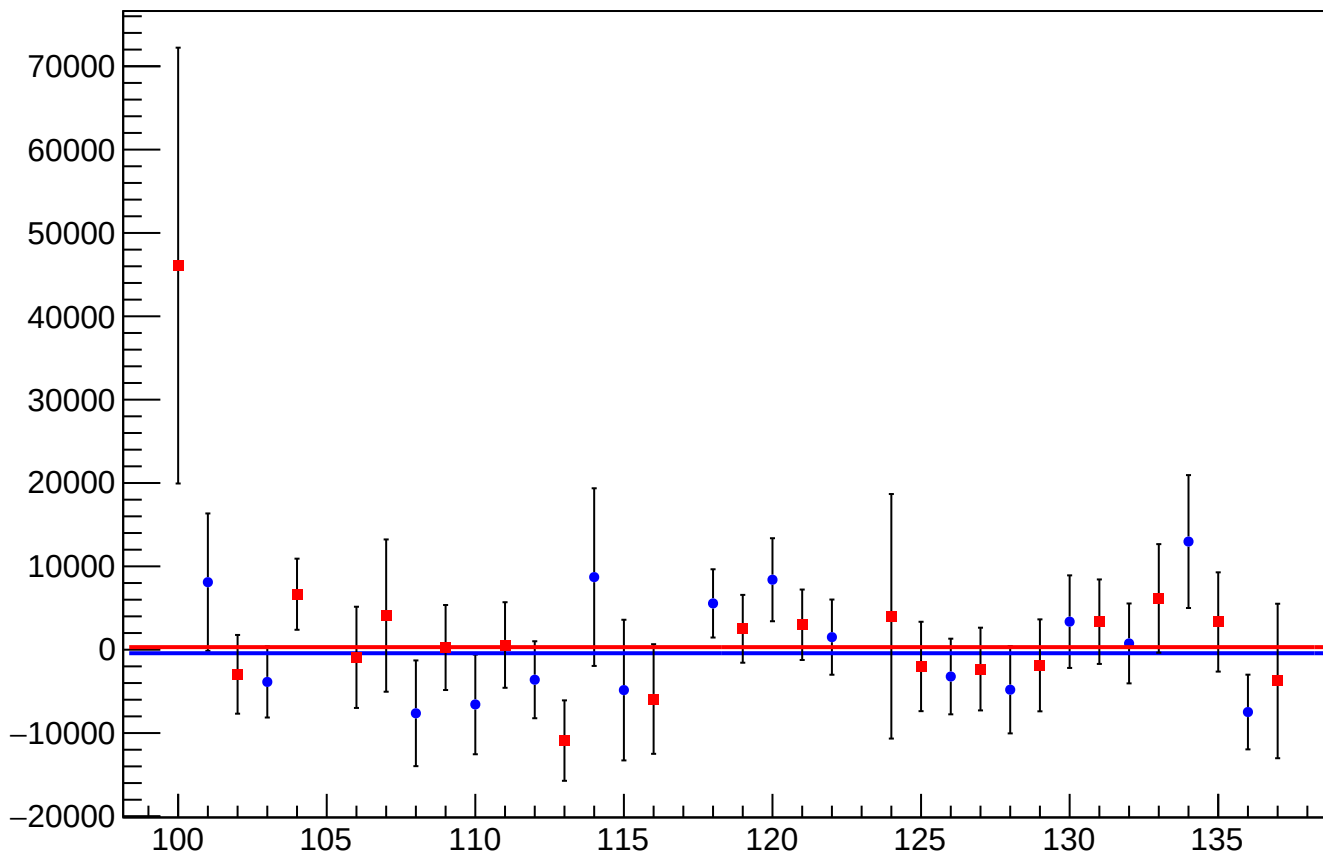
Right: 2784.835+/-0.525 χ^2/NDF : 1164685.2/34

In: 2844.145+/-0.765 χ^2/NDF : 542036.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2784.835+/-0.525 χ^2/NDF : 1164685.2/34

asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: -423.131+/-1327.258 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 307.823+/-1275.718 χ^2/NDF : 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

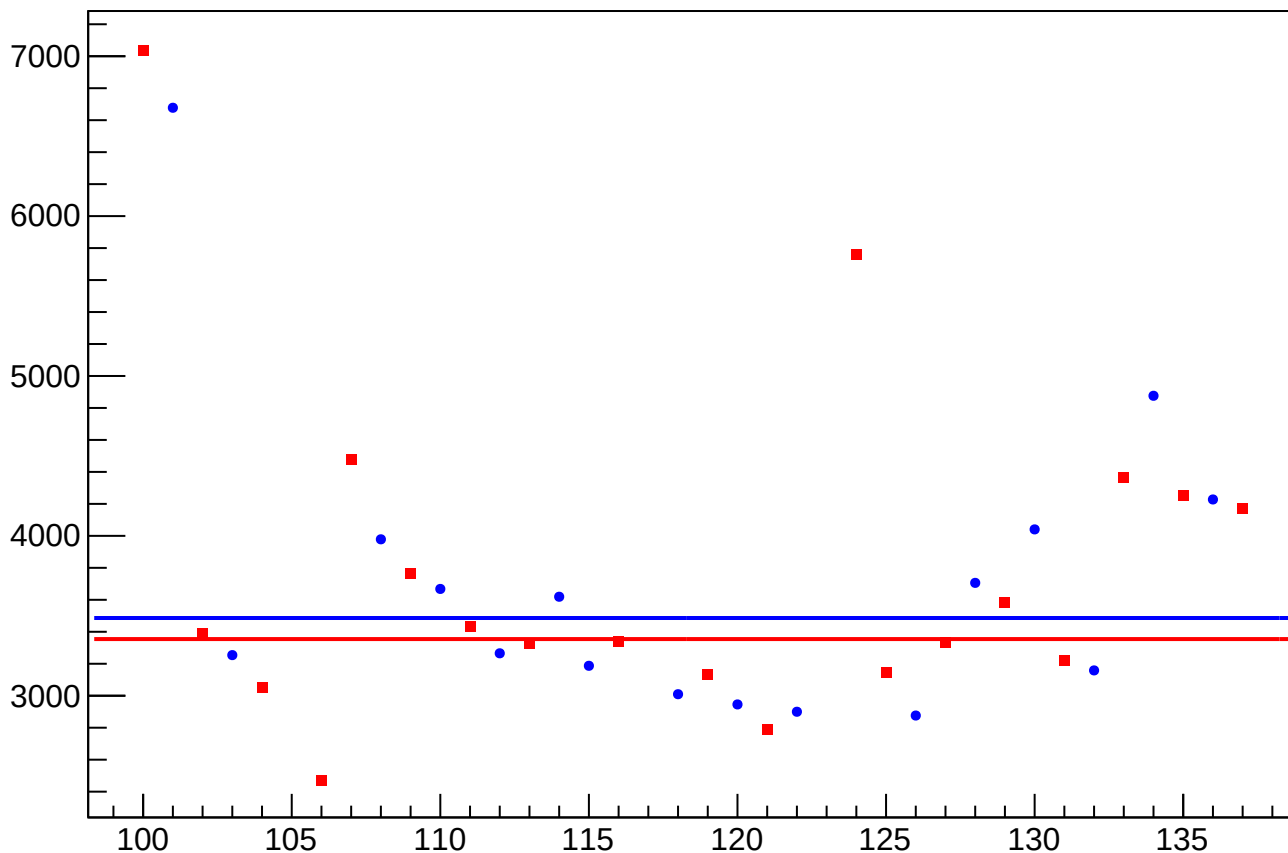
Right: -43.186+/-919.750 χ^2/NDF : 33.3/34

In: -423.131+/-1327.258 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.186+/-919.750 χ^2/NDF : 33.3/34

asym_atr1l2_dd_rms vs Slug, Sign Corrected



Right In: 3486.167+/-0.939 χ^2/NDF : 595790.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3354.426+/-0.889 χ^2/NDF : 376426.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

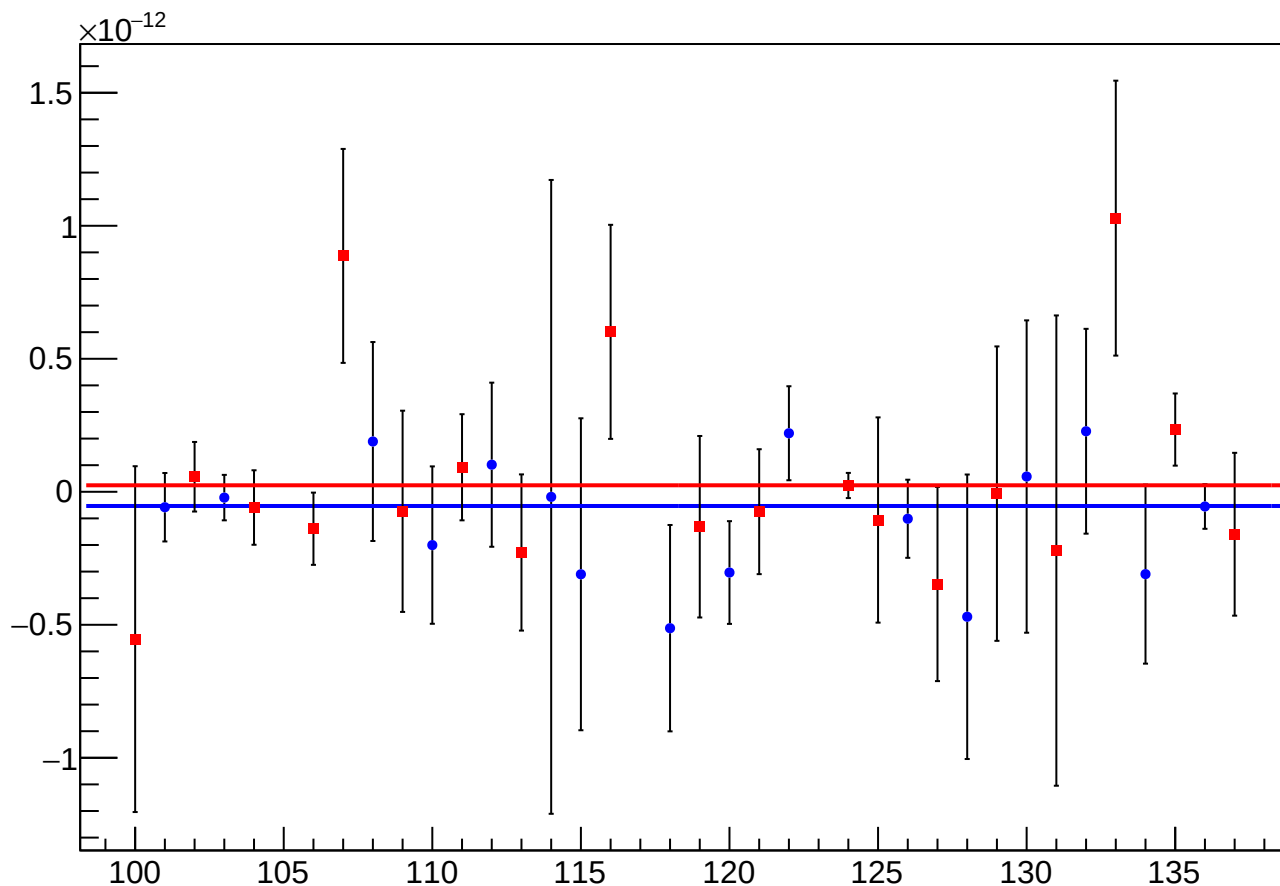
Right: 3416.767+/-0.646 χ^2/NDF : 982597.4/34

In: 3486.167+/-0.939 χ^2/NDF : 595790.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3416.767+/-0.646 χ^2/NDF : 982597.4/34

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

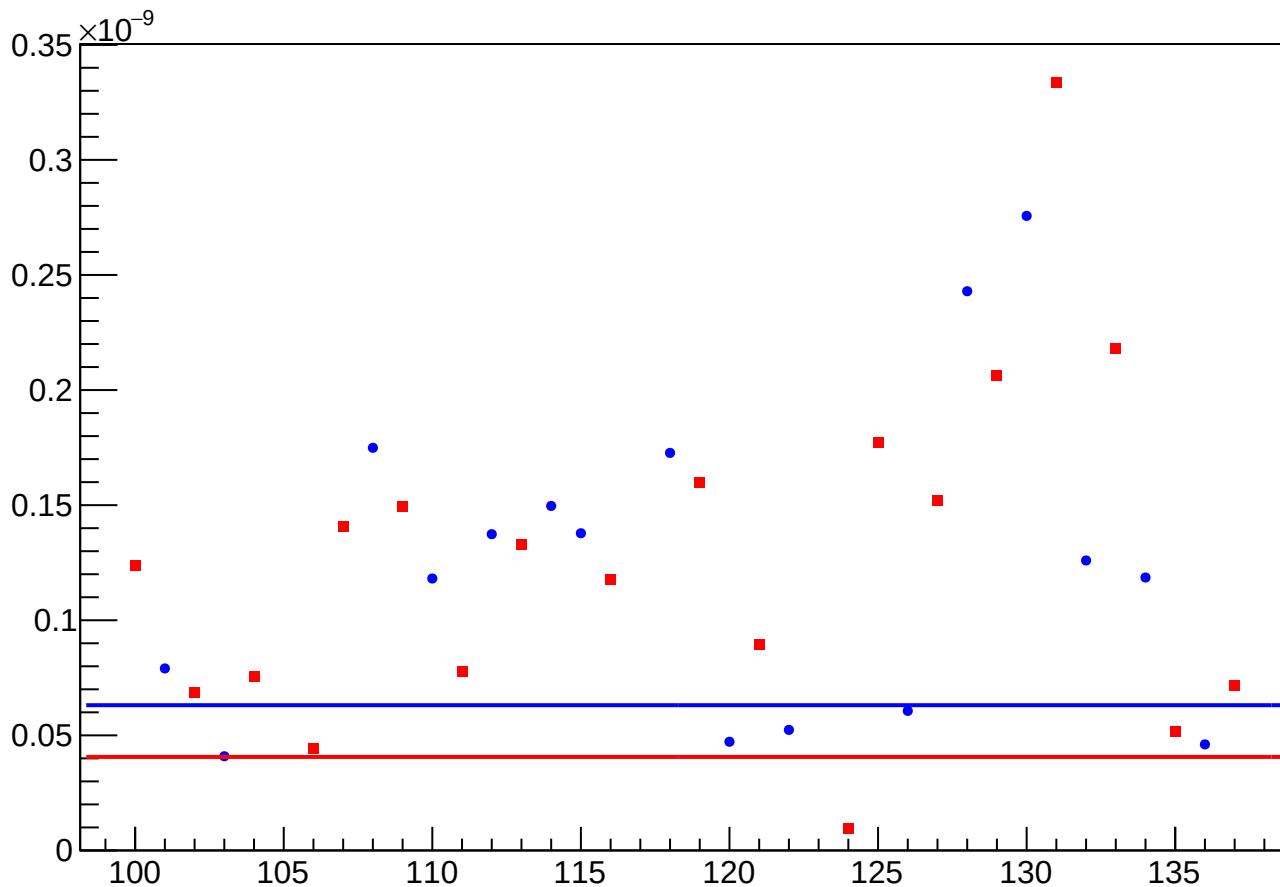
Right: -0.000+/-0.000 χ^2/NDF : 28.8/34

In: -0.000+/-0.000 χ^2/NDF : 8.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.8/34

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1432018.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3172346.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

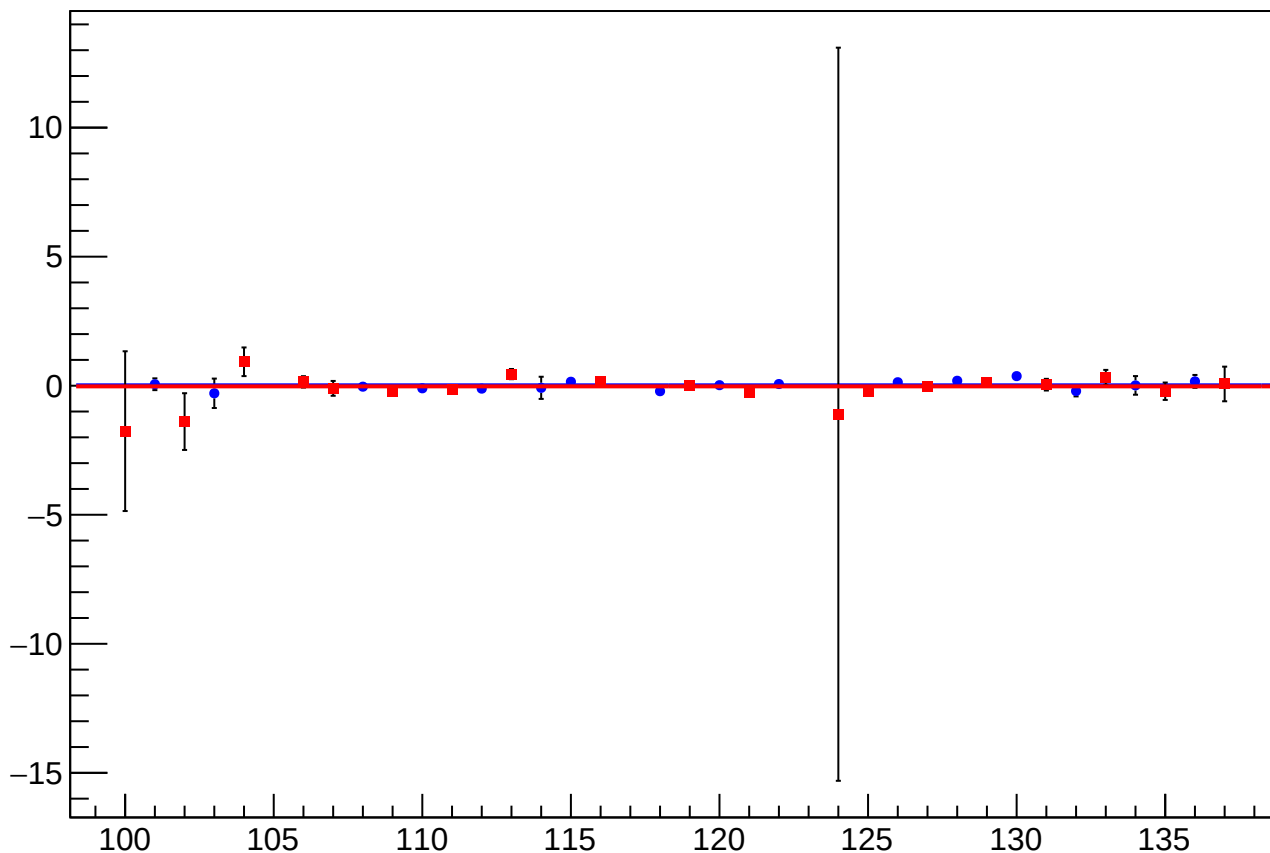
Right: 0.000+/-0.000 χ^2/NDF : 4914964.6/34

In: 0.000+/-0.000 χ^2/NDF : 1432018.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4914964.6/34

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015 $\pm$ 0.048 χ^2 /NDF: 11.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.026 $\pm$ 0.047 χ^2 /NDF: 22.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

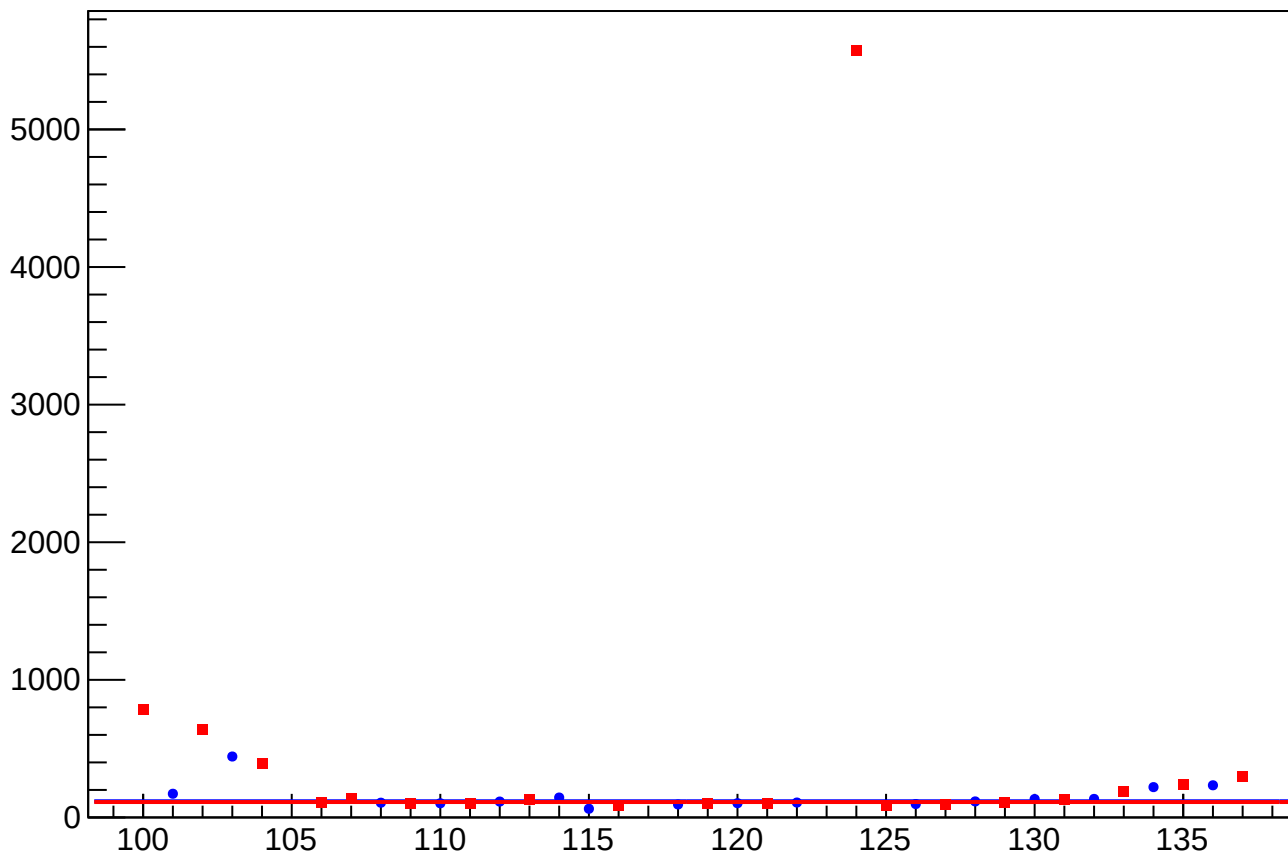
Right: -0.006 $\pm$ 0.033 χ^2 /NDF: 34.3/34

In: 0.015 $\pm$ 0.048 χ^2 /NDF:11.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.033 χ^2 /NDF: 34.3/34

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649 $\pm$ 0.034 χ^2 /NDF: 1722401.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.124 $\pm$ 0.033 χ^2 /NDF: 2186364.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

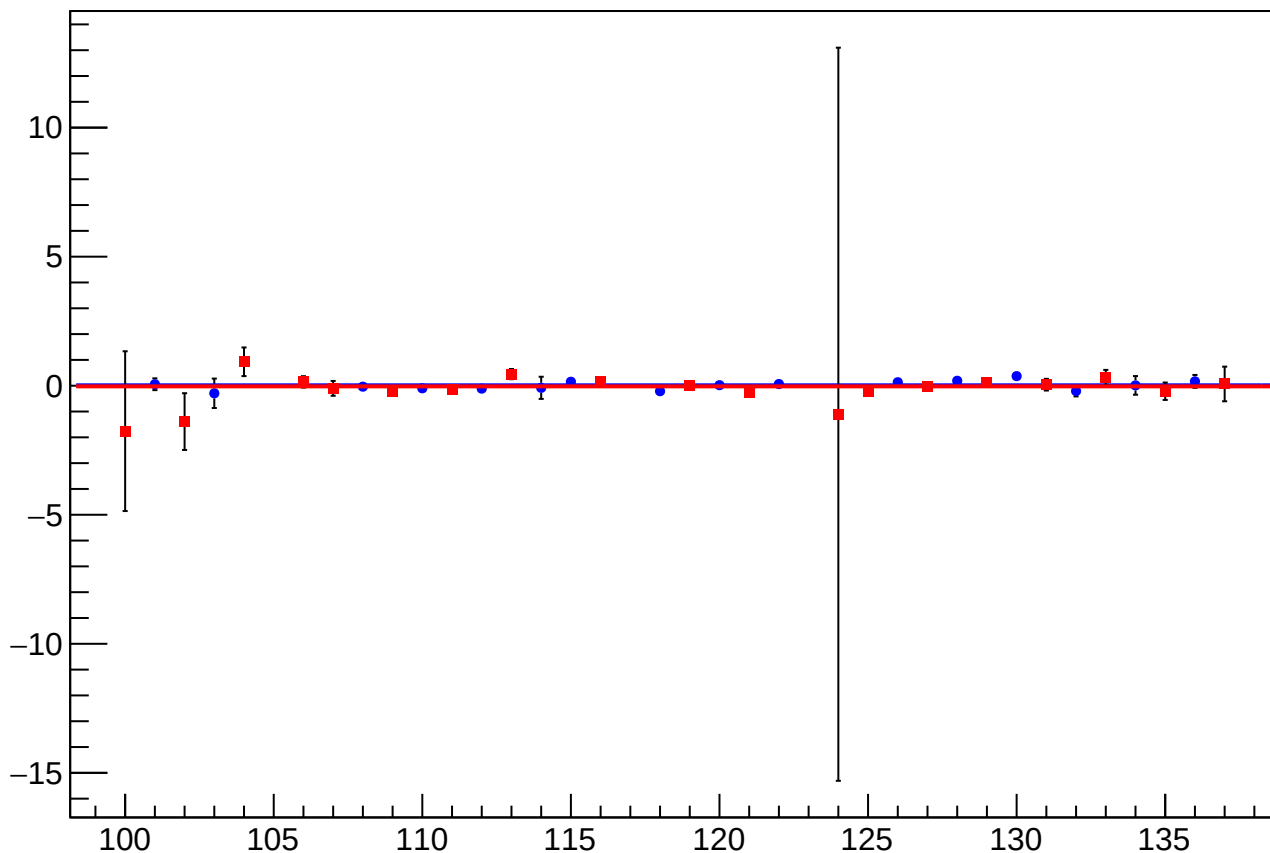
Right: 114.826 $\pm$ 0.024 χ^2 /NDF: 3922369.6/34

In: 117.649 $\pm$ 0.034 χ^2 /NDF:1722401.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.826 $\pm$ 0.024 χ^2 /NDF: 3922369.6/34

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.048 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.047 χ^2/NDF : 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

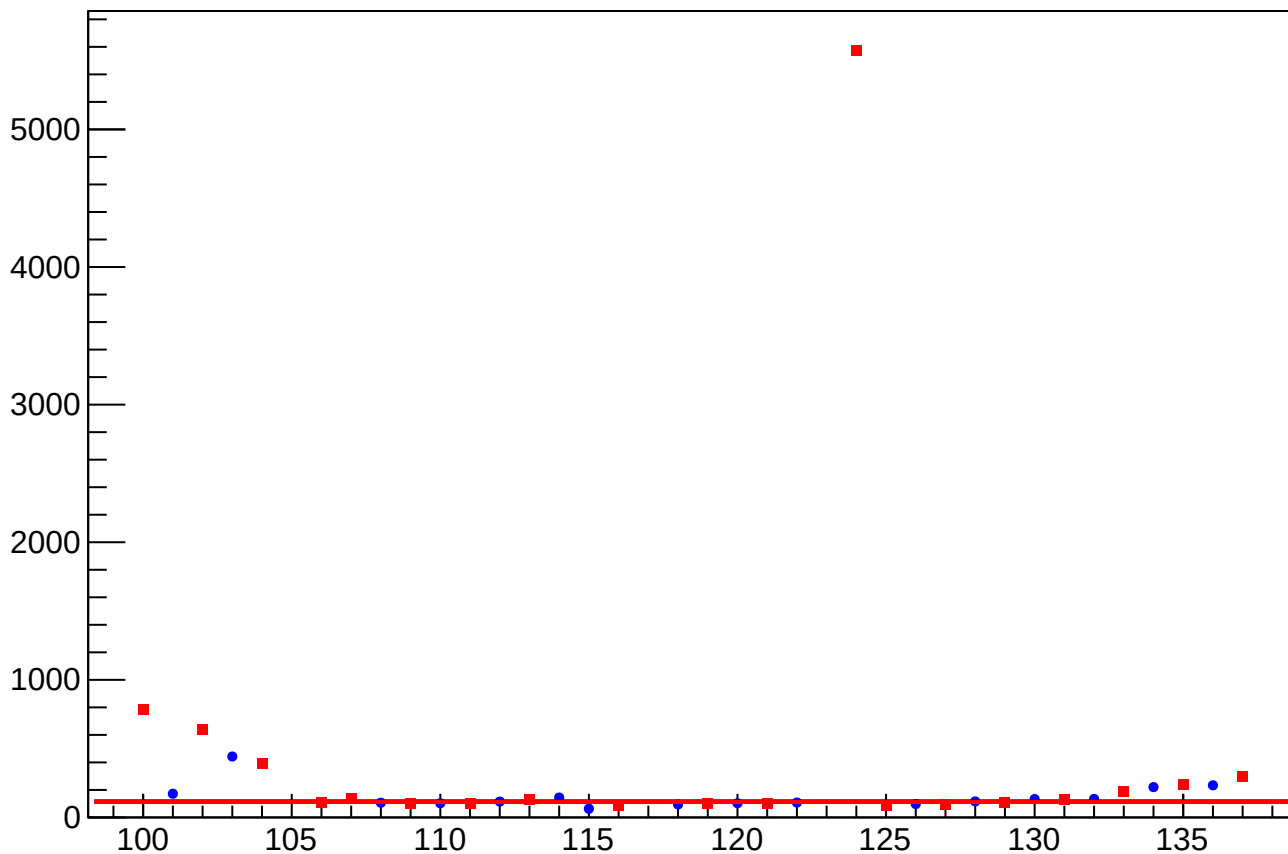
Right: -0.006+/-0.033 χ^2/NDF : 34.3/34

In: 0.015+/-0.048 χ^2/NDF : 11.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.033 χ^2/NDF : 34.3/34

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649 $\pm$ 0.034 χ^2 /NDF: 1722401.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 112.124 $\pm$ 0.033 χ^2 /NDF: 2186364.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

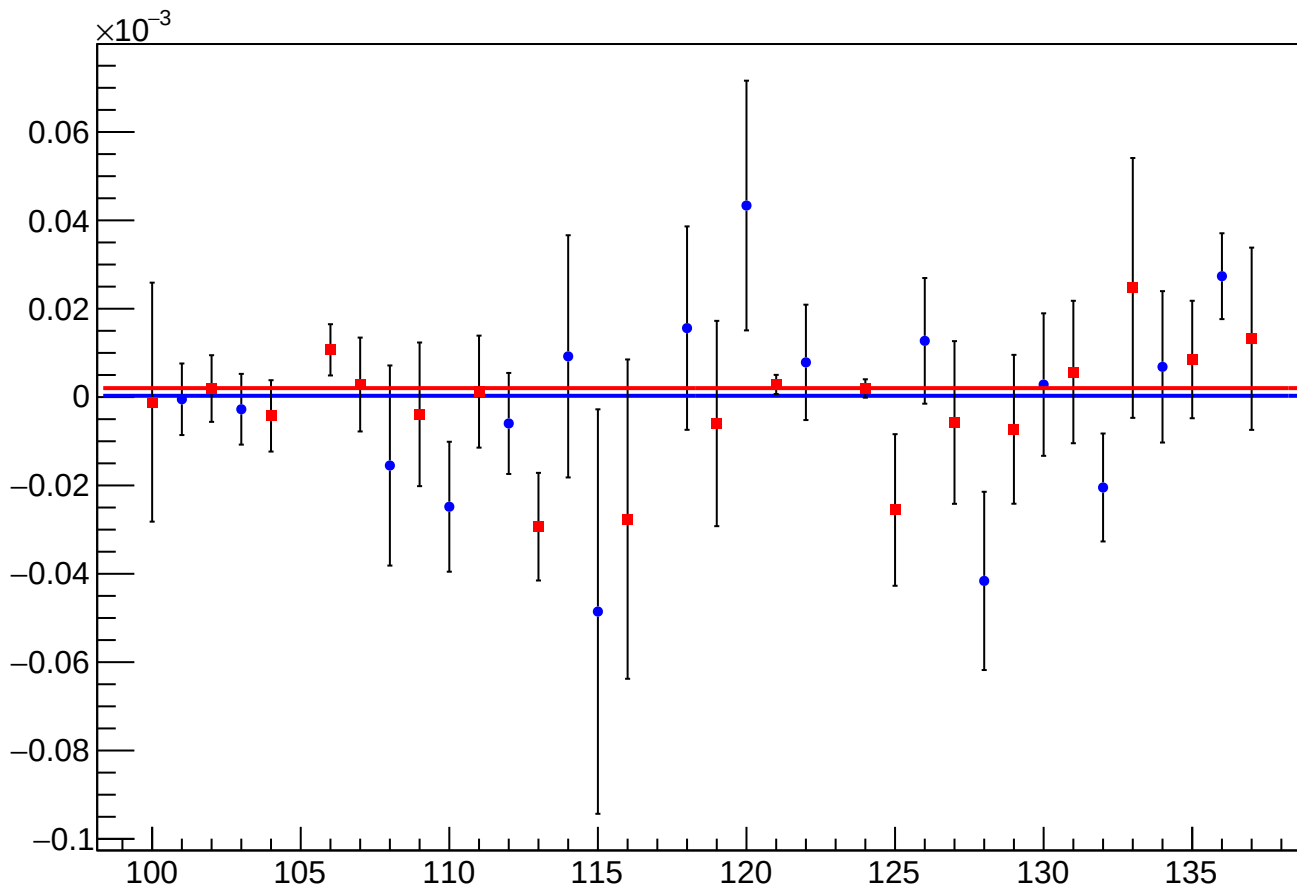
Right: 114.826 $\pm$ 0.024 χ^2 /NDF: 3922369.6/34

In: 117.649 $\pm$ 0.034 χ^2 /NDF:1722401.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.826 $\pm$ 0.024 χ^2 /NDF: 3922369.6/34

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 24.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

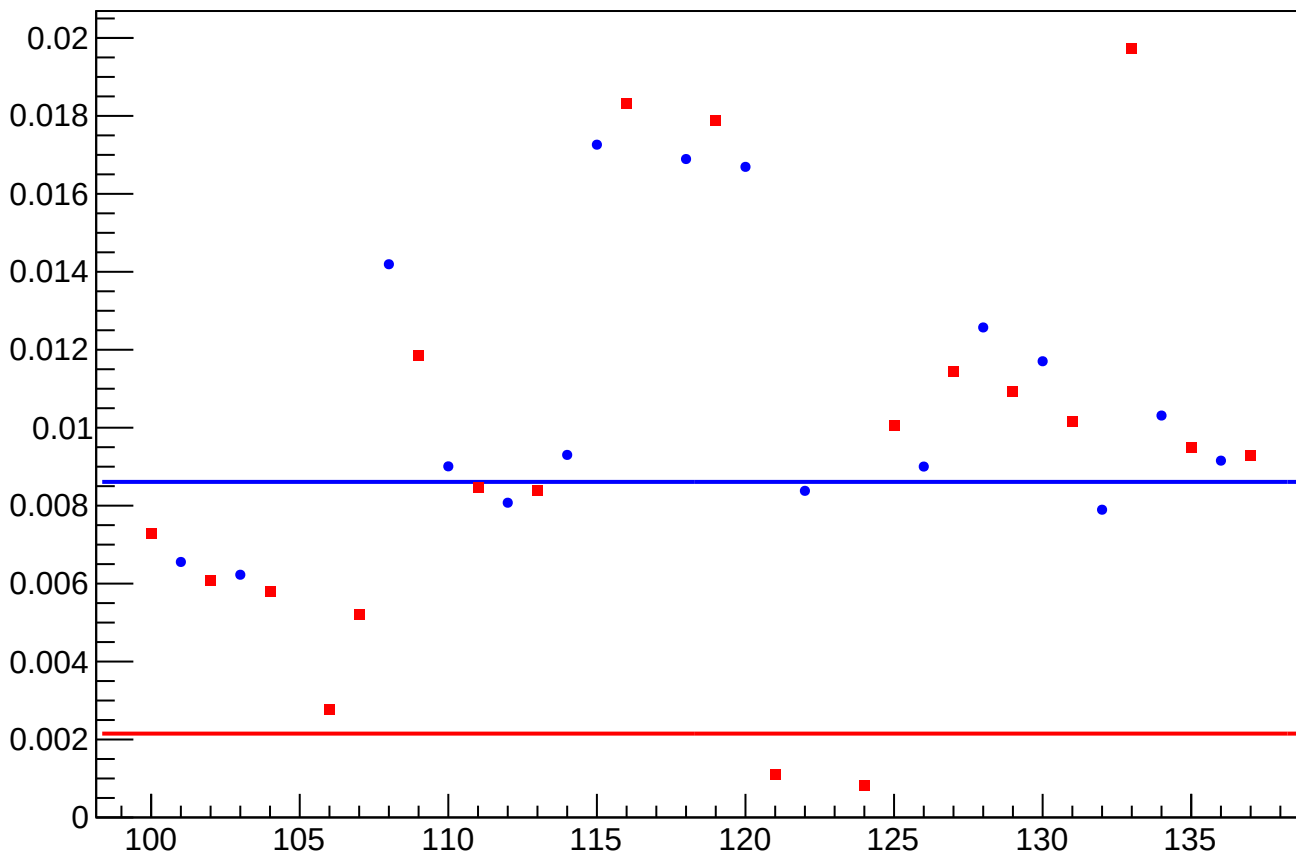
Right: 0.000+/-0.000 χ^2/NDF : 39.1/34

In: 0.000+/-0.000 χ^2/NDF : 24.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.1/34

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 1114251.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 9086978.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

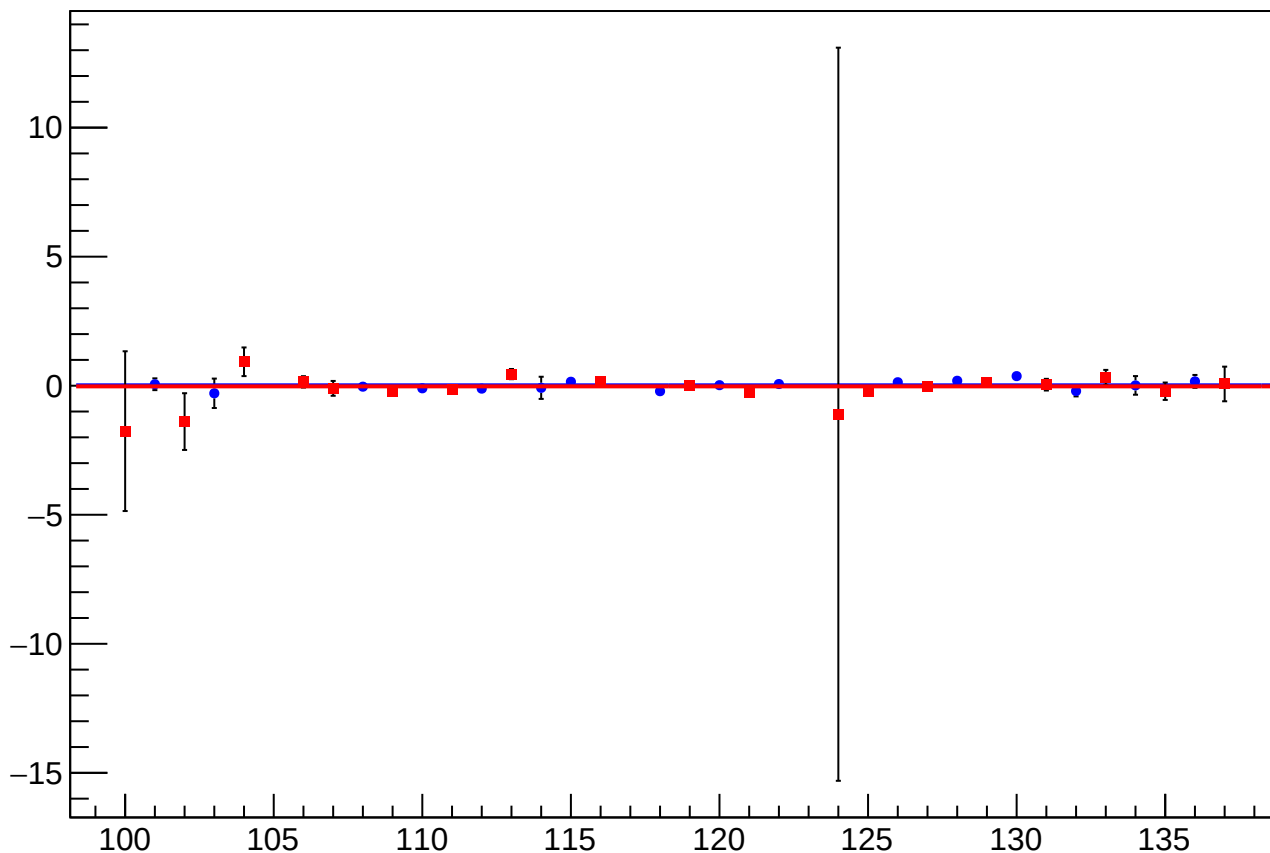
Right: 0.003+/-0.000 χ^2/NDF : 16533209.6/34

In: 0.009+/-0.000 χ^2/NDF : 1114251.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 16533209.6/34

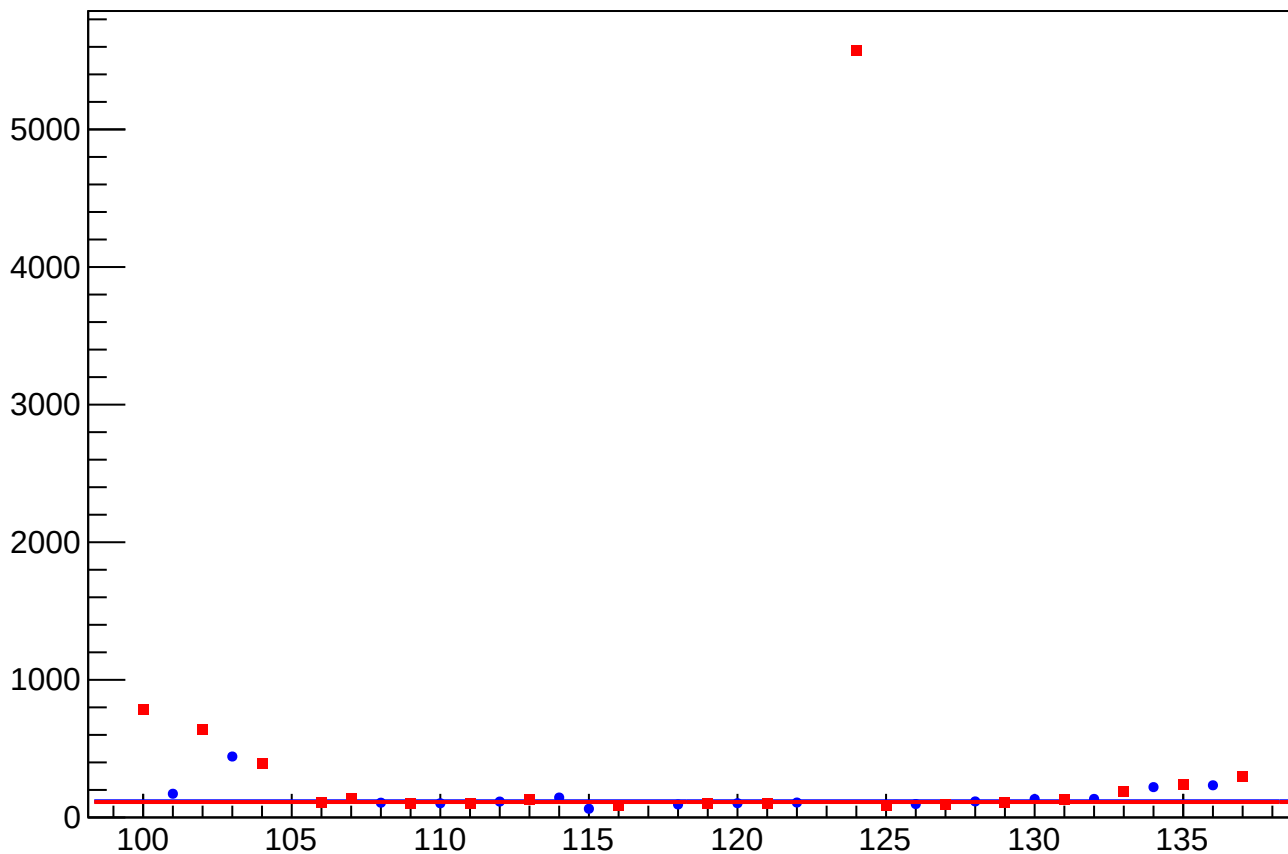
asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.048 χ^2/NDF : 11.8/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.026+/-0.047 χ^2/NDF : 22.1/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.006+/-0.033 χ^2/NDF : 34.3/34
 In: 0.015+/-0.048 χ^2/NDF : 11.8/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.006+/-0.033 χ^2/NDF : 34.3/34

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649+/-0.034 χ^2/NDF : 1722367.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.126+/-0.033 χ^2/NDF : 2186296.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

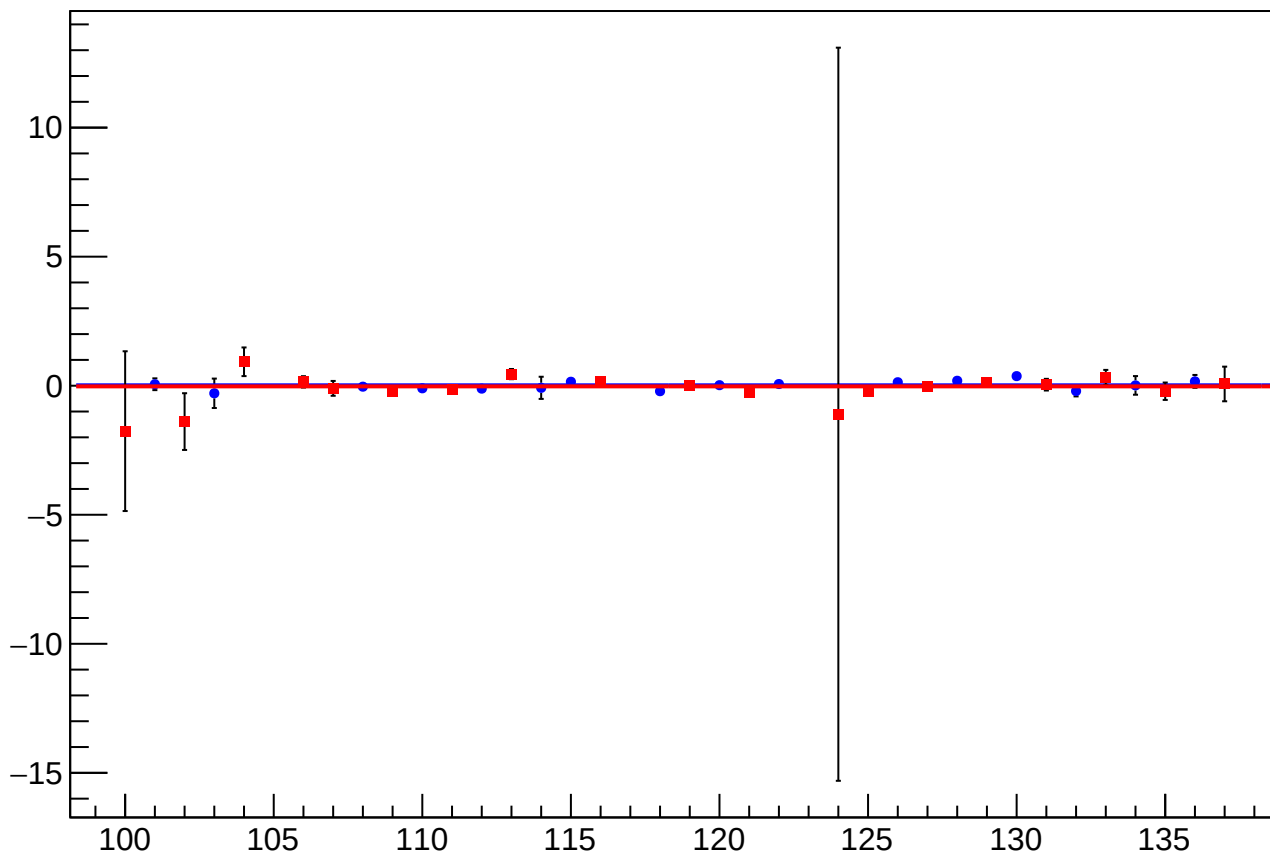
Right: 114.826+/-0.024 χ^2/NDF : 3922259.7/34

In: 117.649+/-0.034 χ^2/NDF : 1722367.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.826+/-0.024 χ^2/NDF : 3922259.7/34

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.048 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.026+/-0.047 χ^2/NDF : 22.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

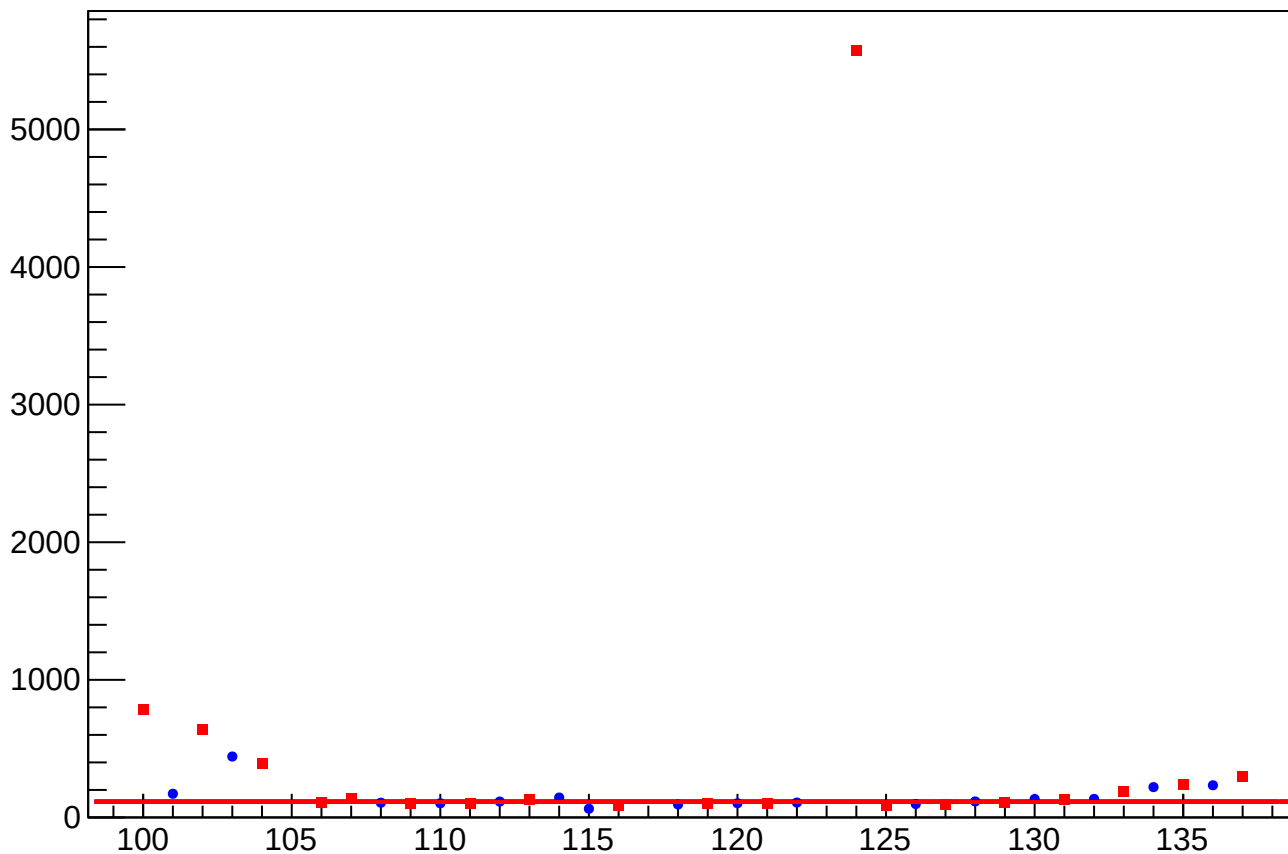
Right: -0.006+/-0.033 χ^2/NDF : 34.3/34

In: 0.015+/-0.048 χ^2/NDF : 11.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.033 χ^2/NDF : 34.3/34

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649+/-0.034 χ^2/NDF : 1722367.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.126+/-0.033 χ^2/NDF : 2186296.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

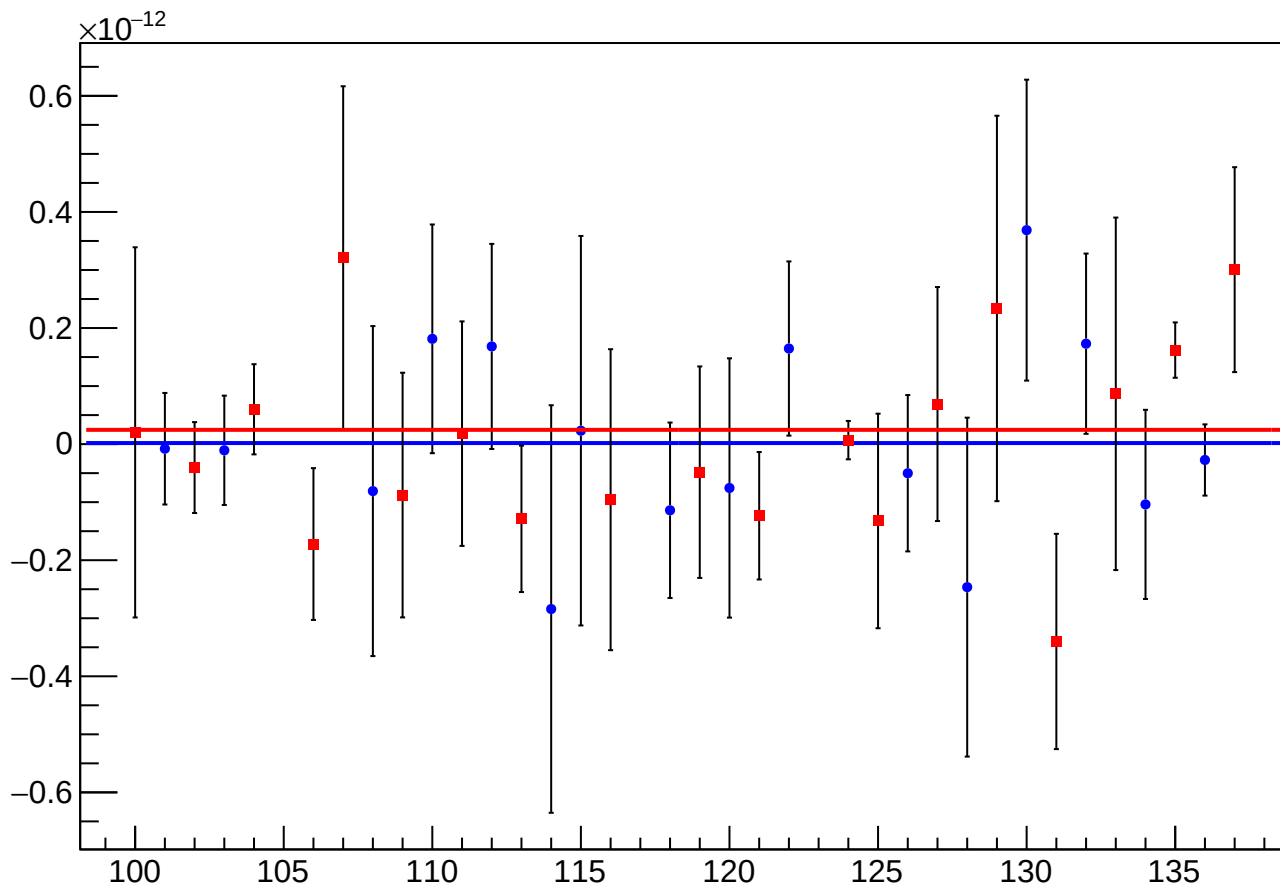
Right: 114.826+/-0.024 χ^2/NDF : 3922259.7/34

In: 117.649+/-0.034 χ^2/NDF : 1722367.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.826+/-0.024 χ^2/NDF : 3922259.7/34

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 24.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

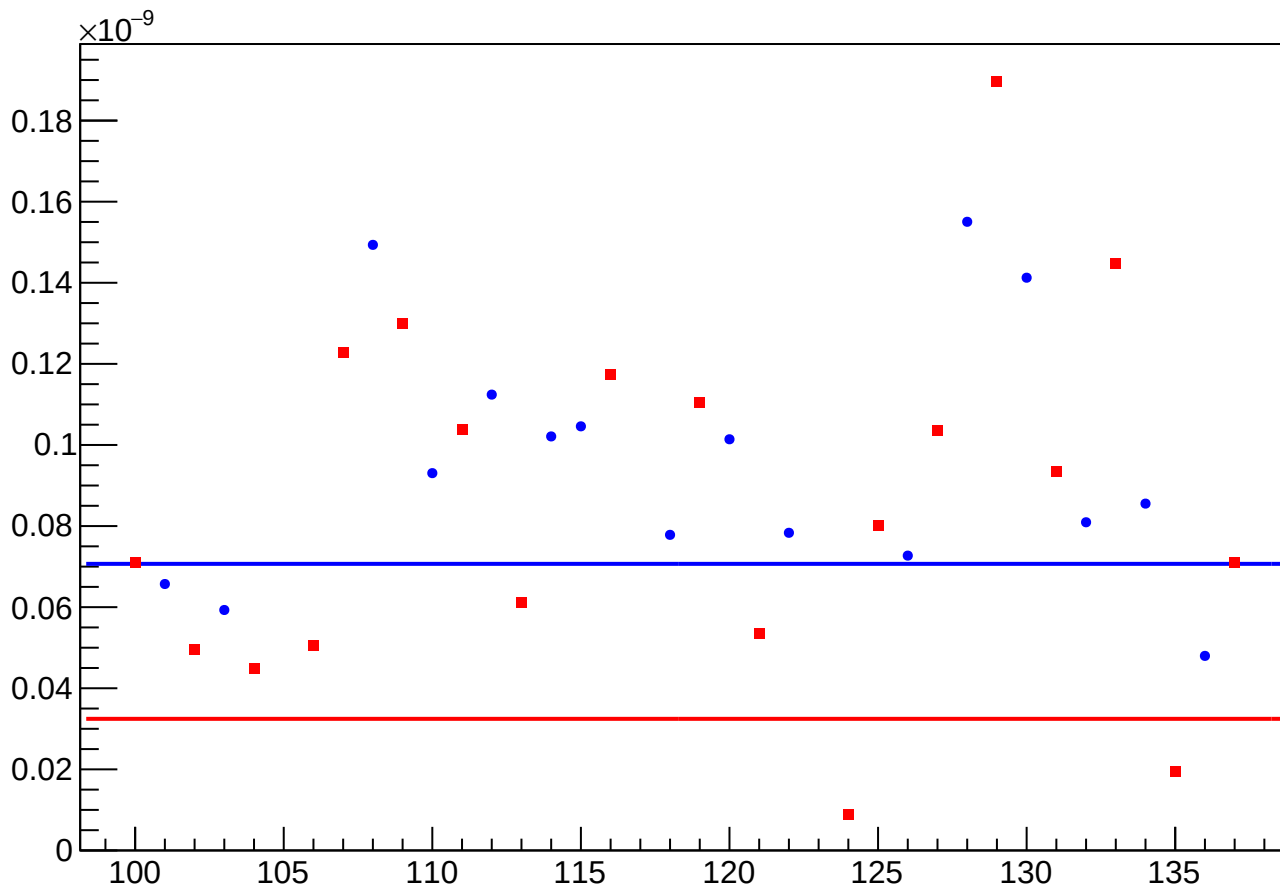
Right: 0.000+/-0.000 χ^2/NDF : 33.7/34

In: 0.000+/-0.000 χ^2/NDF : 9.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.7/34

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1023708.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4449161.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

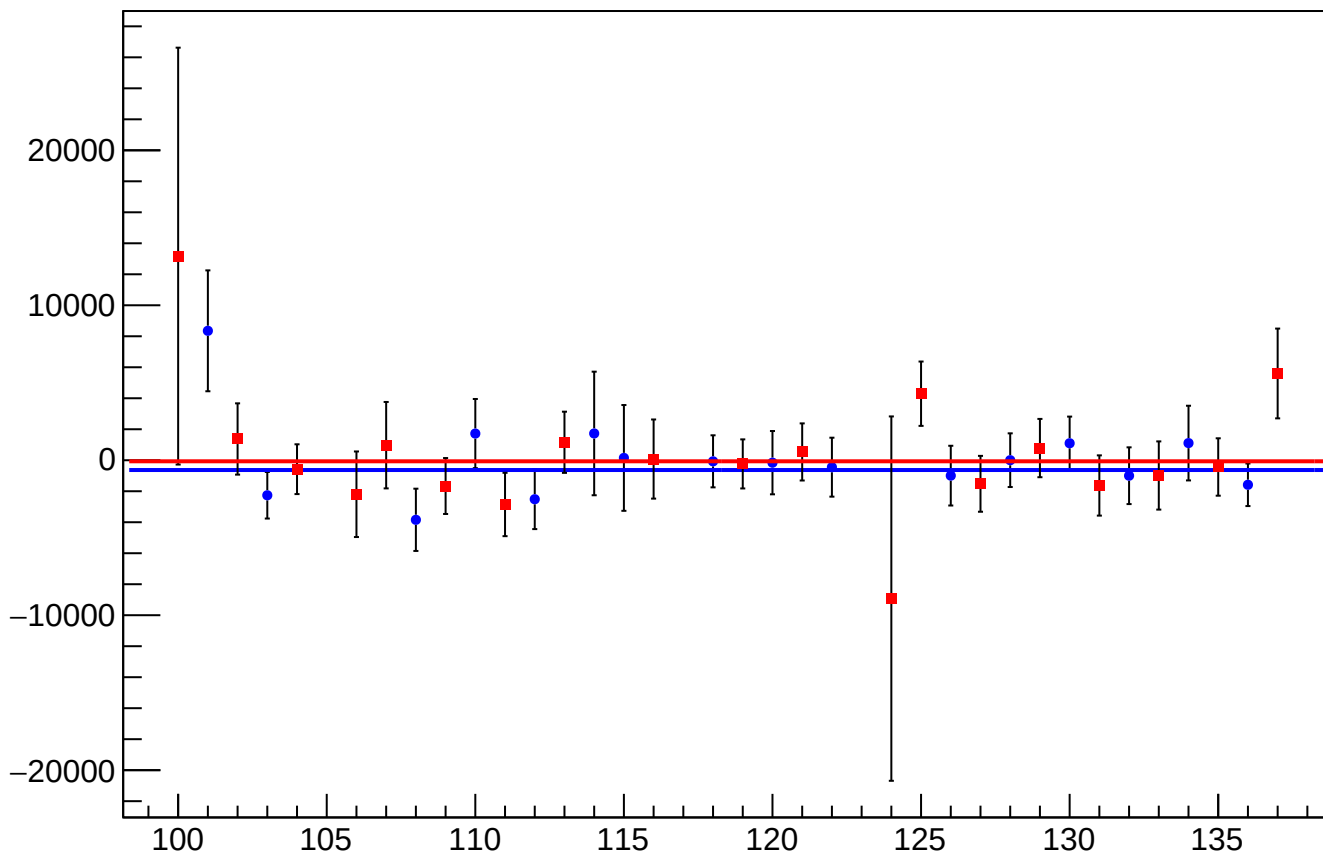
Right: 0.000+/-0.000 χ^2/NDF : 7239318.8/34

In: 0.000+/-0.000 χ^2/NDF : 1023708.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7239318.8/34

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.642+/-487.761 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

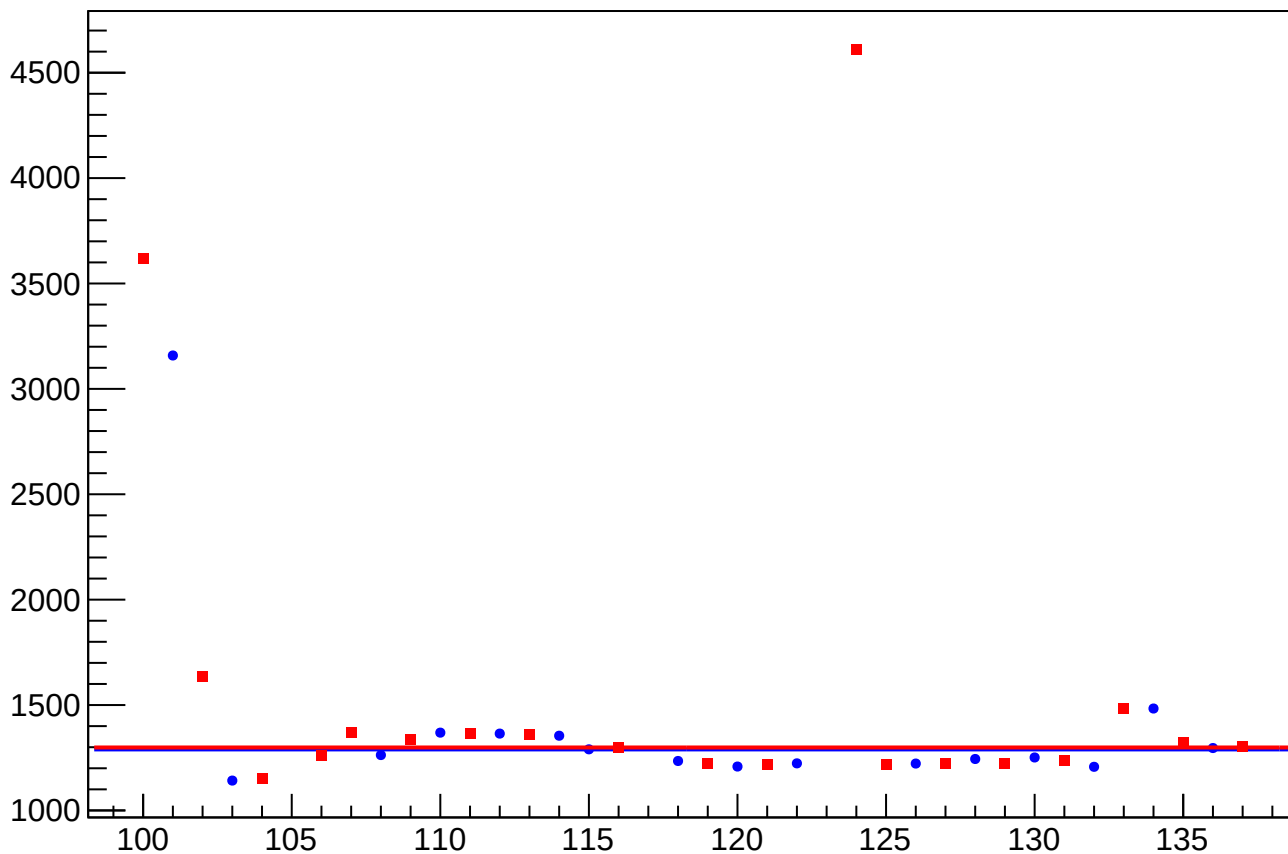
Right: -348.821+/-345.217 χ^2/NDF : 30.4/34

In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.821+/-345.217 χ^2/NDF : 30.4/34

reg_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.466+/-0.346 χ^2/NDF : 514675.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.656+/-0.344 χ^2/NDF : 319374.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

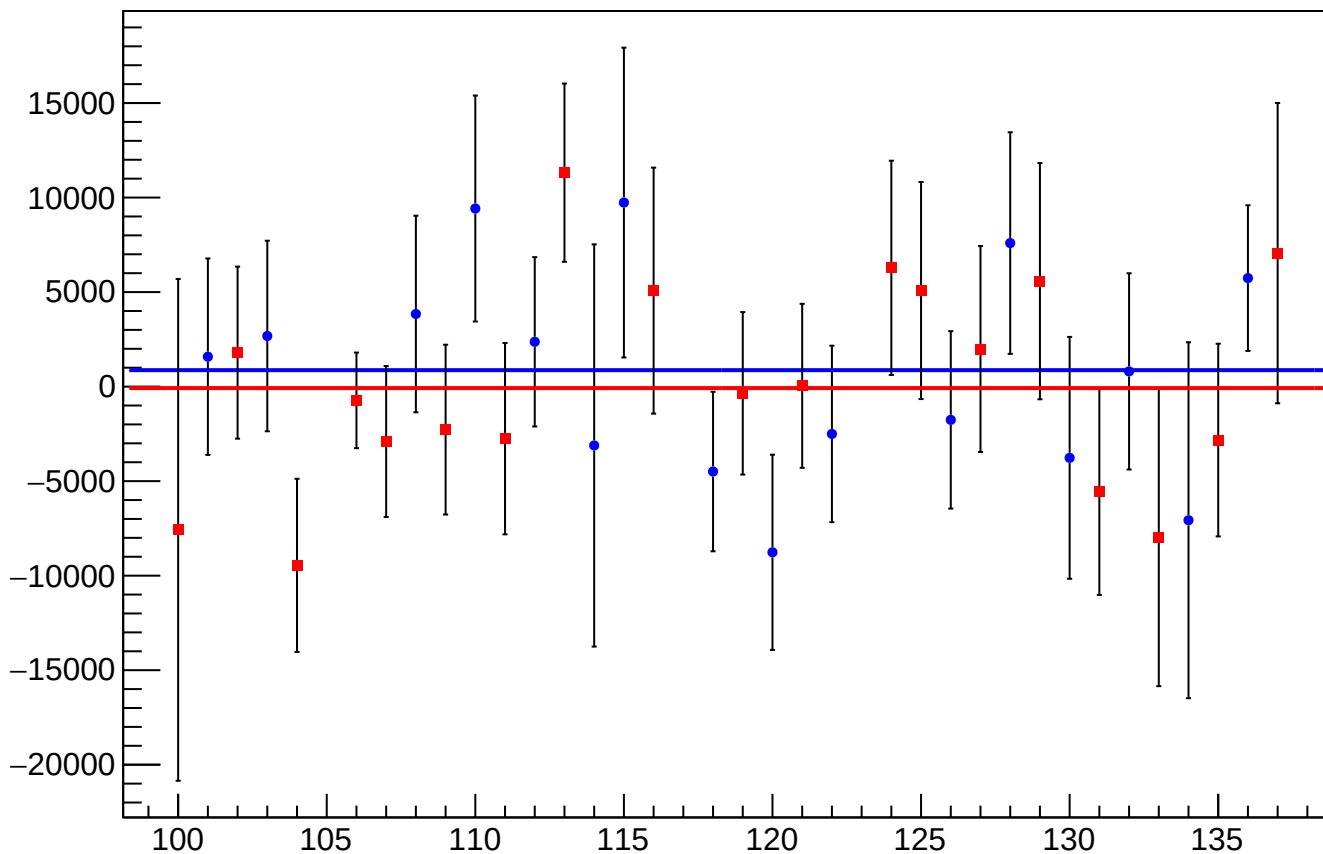
Right: 1294.081+/-0.244 χ^2/NDF : 834405.1/34

In: 1289.466+/-0.346 χ^2/NDF : 514675.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.081+/-0.244 χ^2/NDF : 834405.1/34

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295 ± 1325.278 $\chi^2/\text{NDF}: 14.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -77.323 ± 1111.074 $\chi^2/\text{NDF}: 18.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

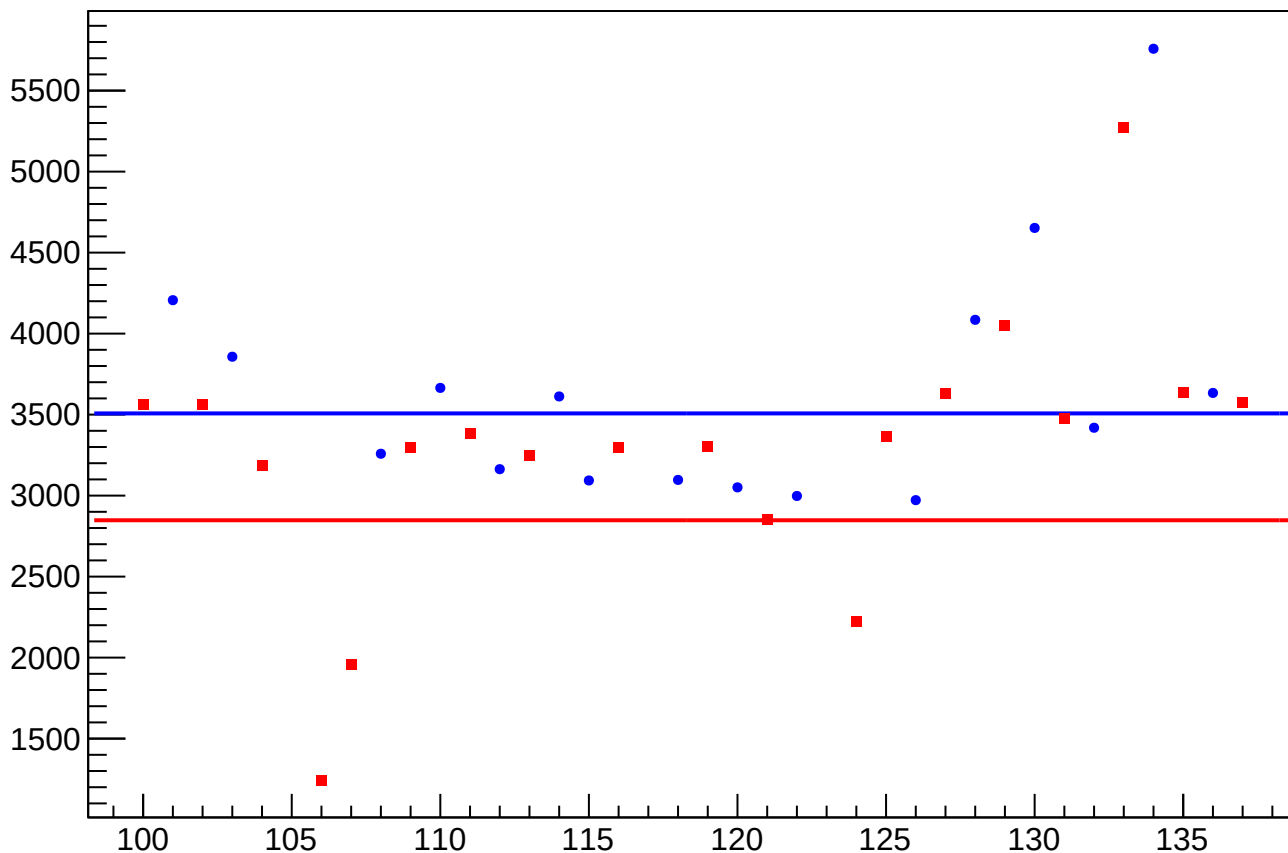
Right: 313.810 ± 851.438 $\chi^2/\text{NDF}: 32.7/34$

In: 870.295 ± 1325.278 $\chi^2/\text{NDF}: 14.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 313.810 ± 851.438 $\chi^2/\text{NDF}: 32.7/34$

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF : 1499373.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

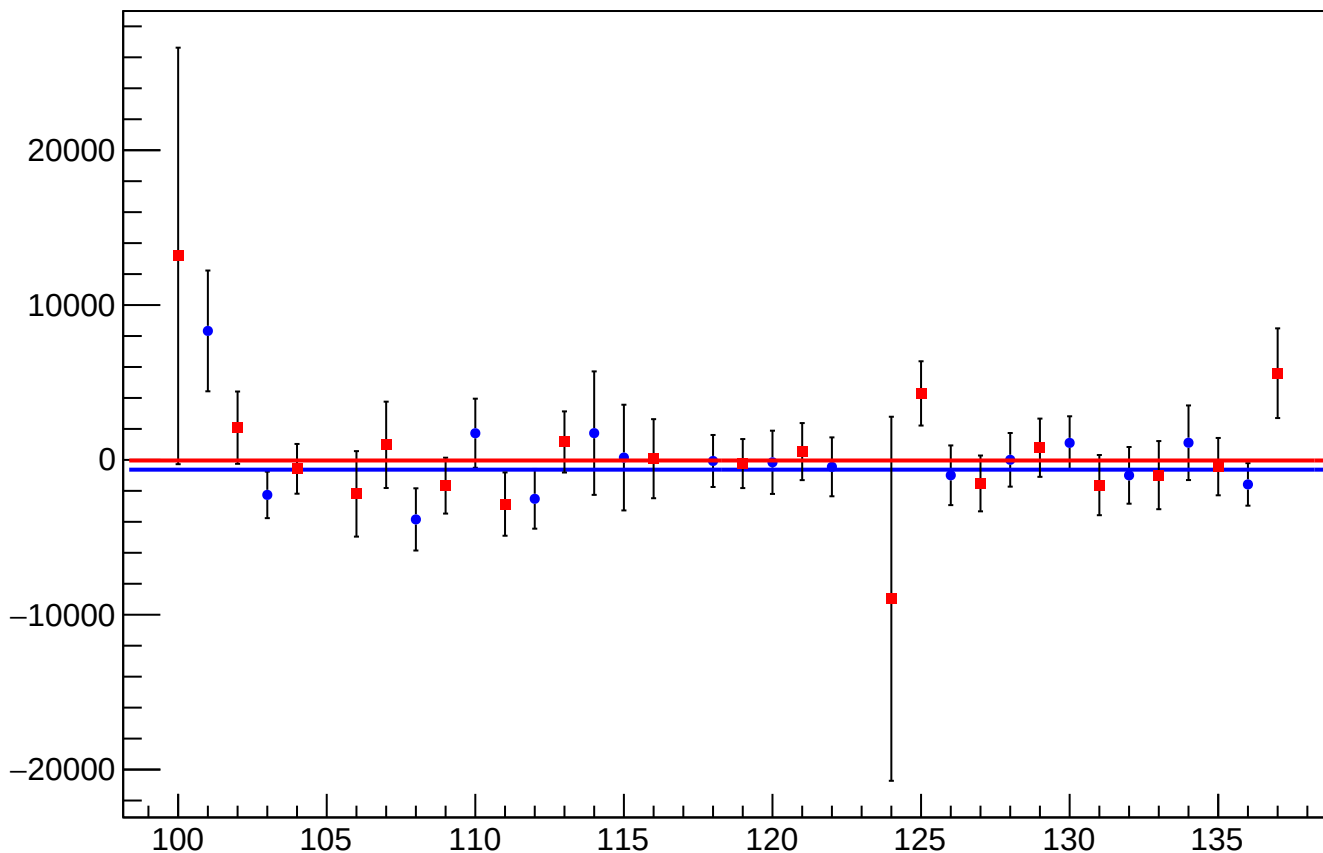
Right: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

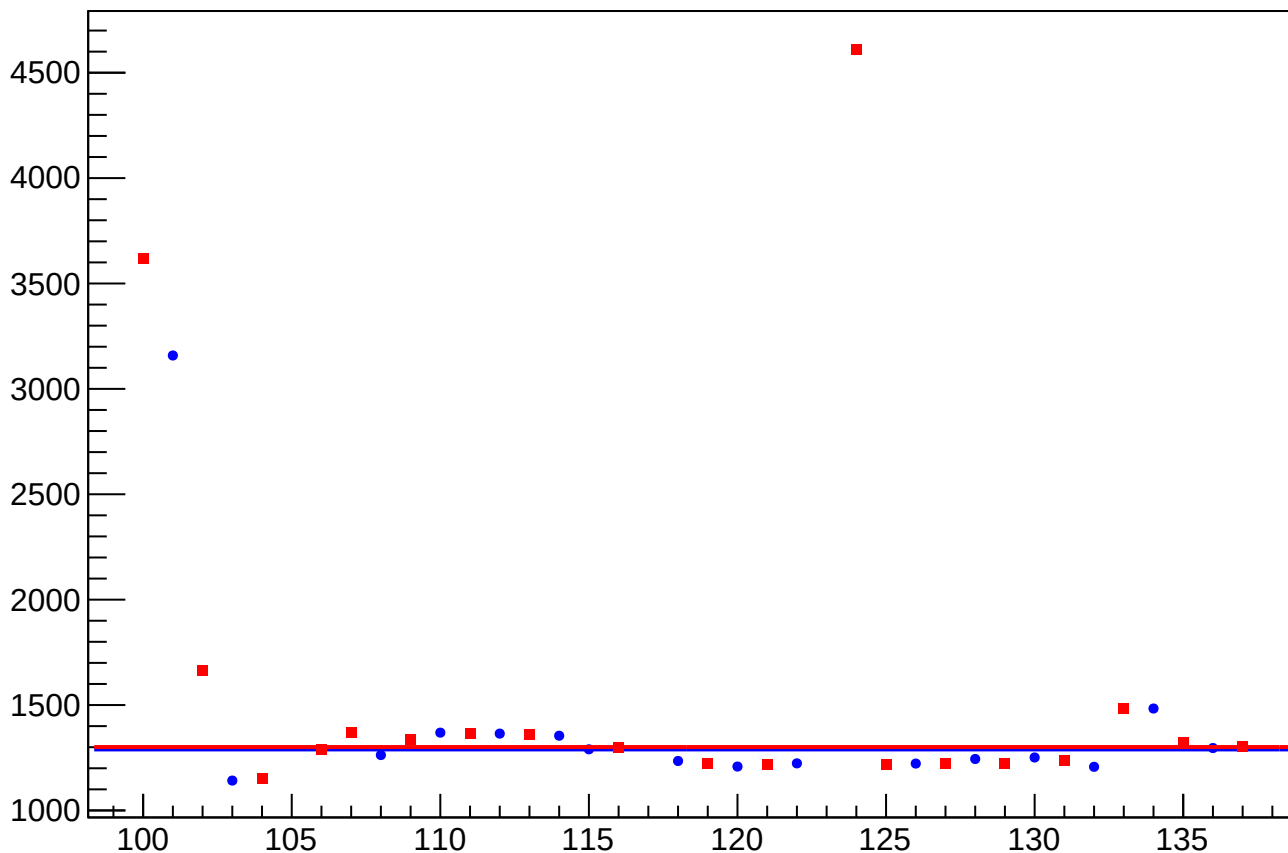
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.466 $\pm$ 0.346 χ^2 /NDF: 514676.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1300.684 $\pm$ 0.344 χ^2 /NDF: 325907.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

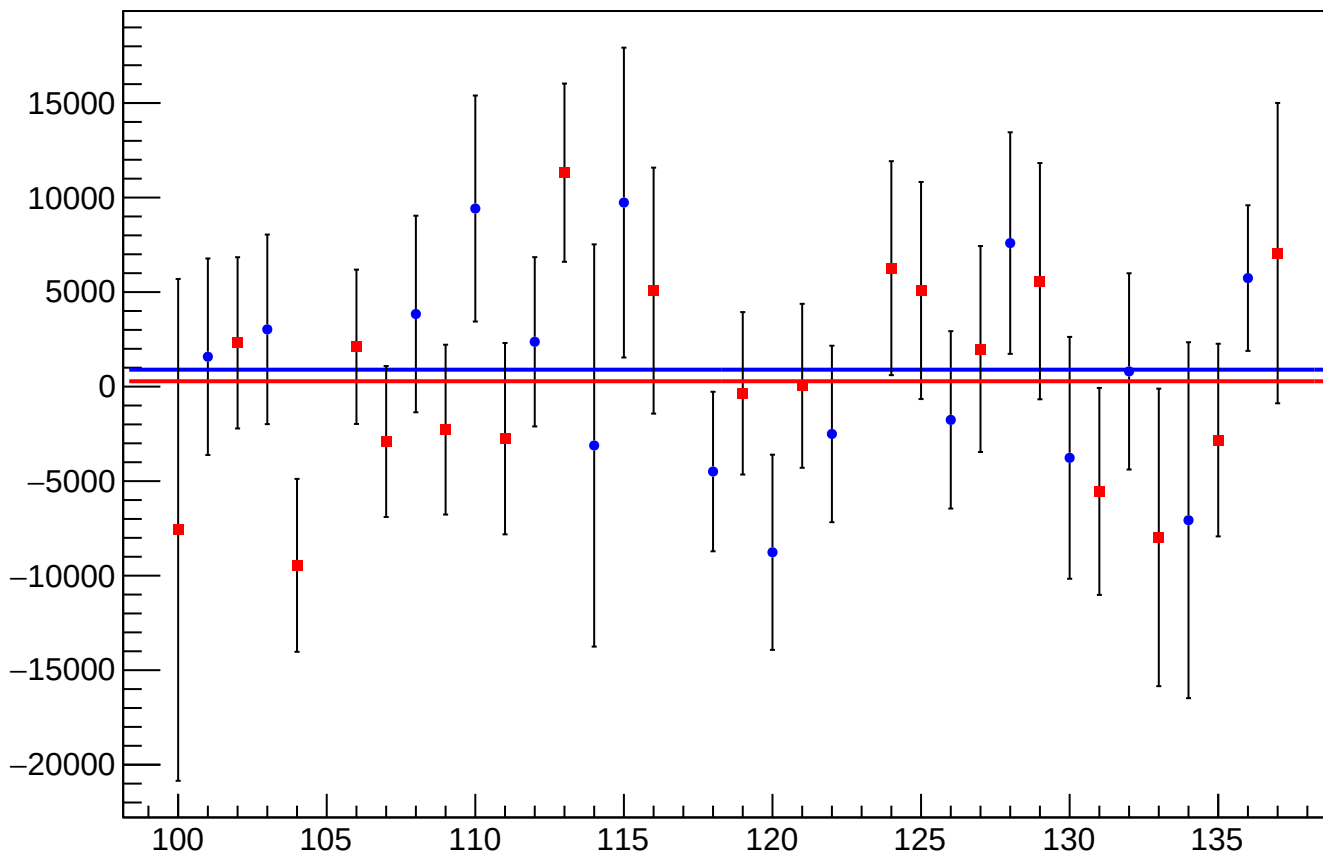
Right: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

In: 1289.466 $\pm$ 0.346 χ^2 /NDF:514676.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.963+/-1183.171 χ^2/NDF : 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

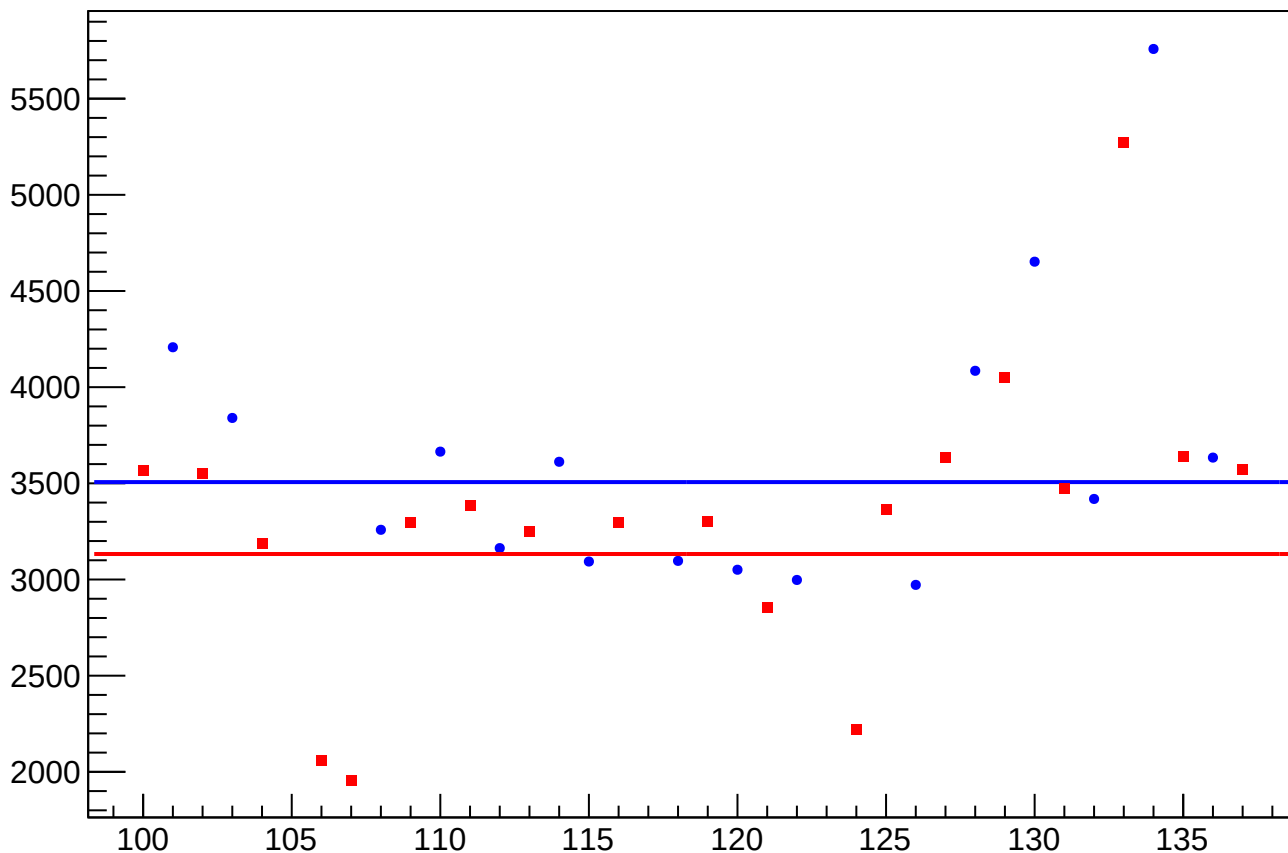
Right: 555.531+/-882.475 χ^2/NDF : 32.8/34

In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.531+/-882.475 χ^2/NDF : 32.8/34

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

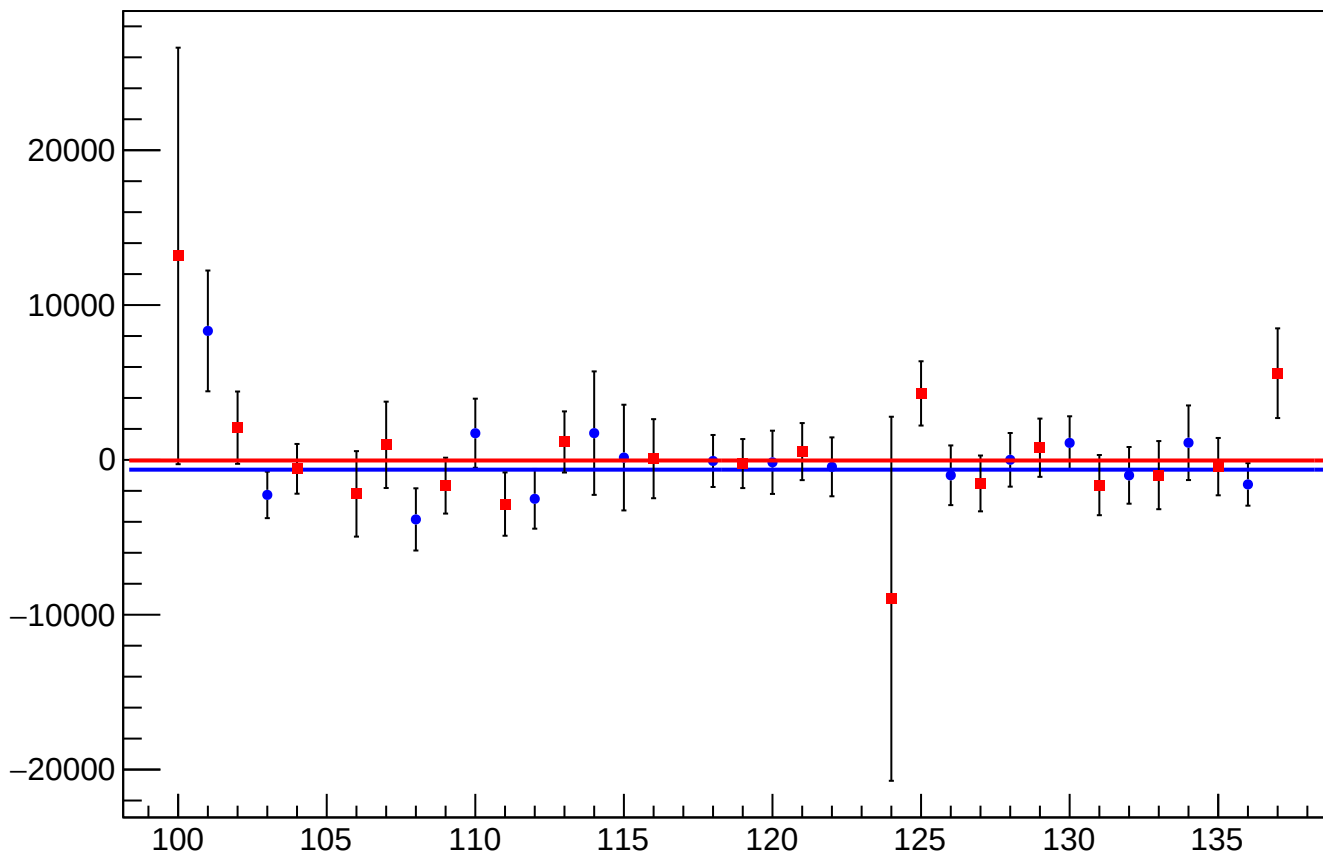
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

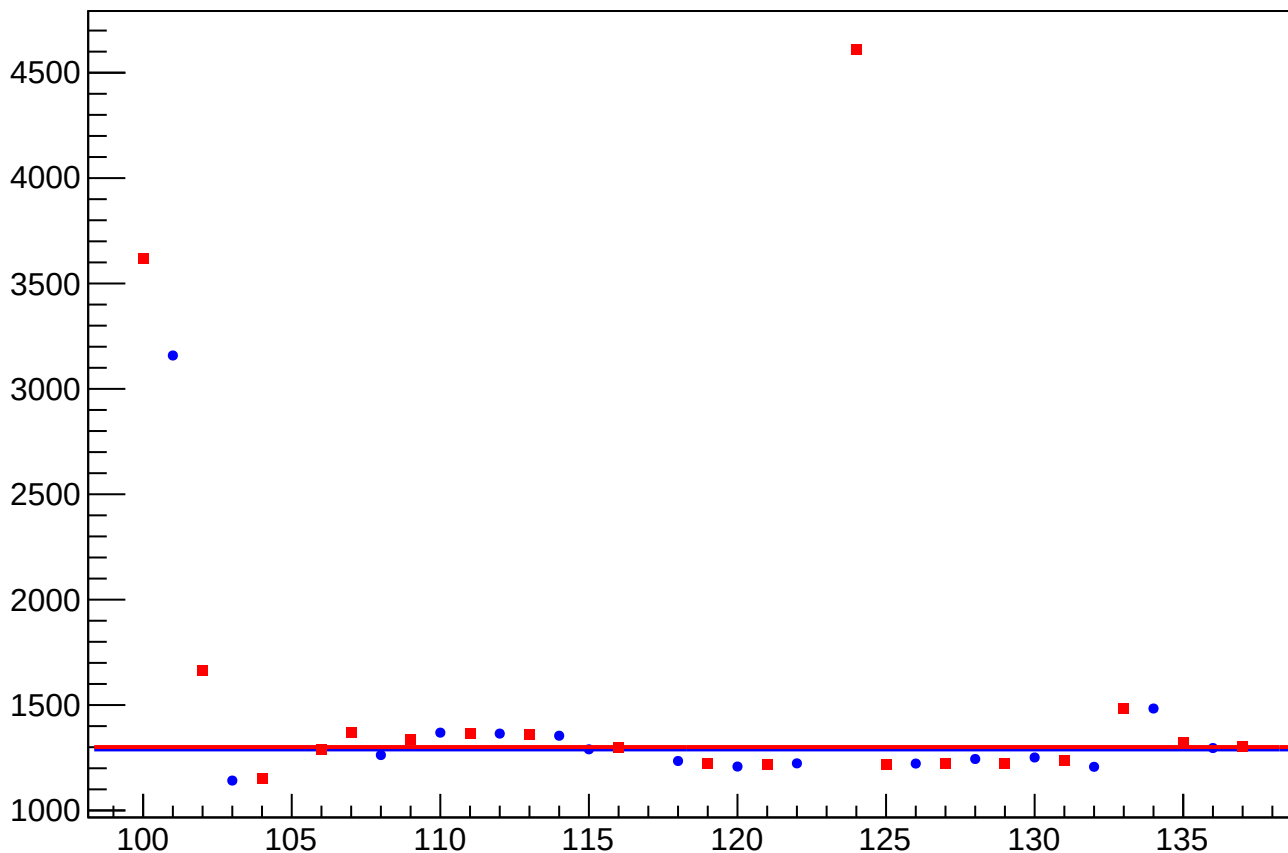
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.684+/-0.344 χ^2/NDF : 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

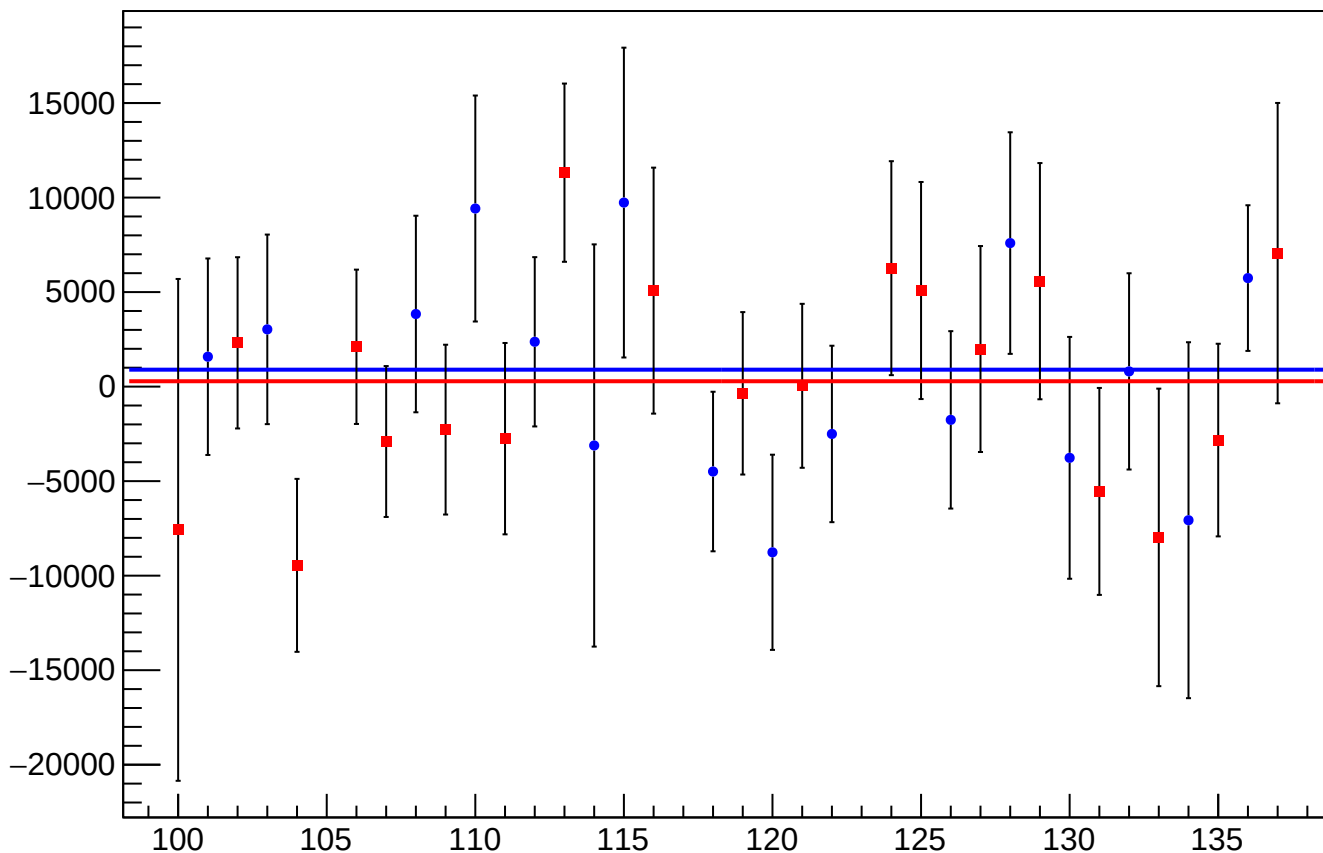
Right: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.963+/-1183.171 χ^2/NDF : 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

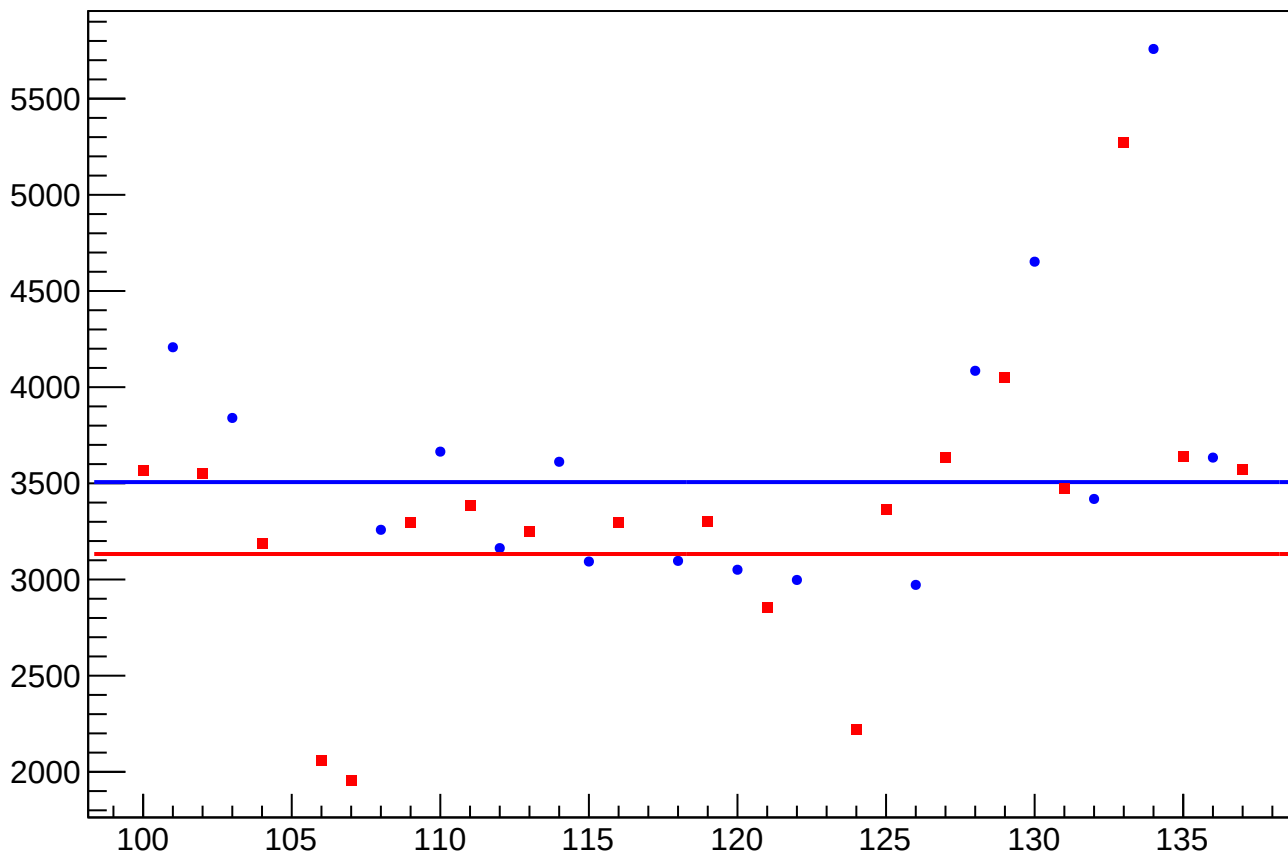
Right: 555.531+/-882.475 χ^2/NDF : 32.8/34

In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.531+/-882.475 χ^2/NDF : 32.8/34

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

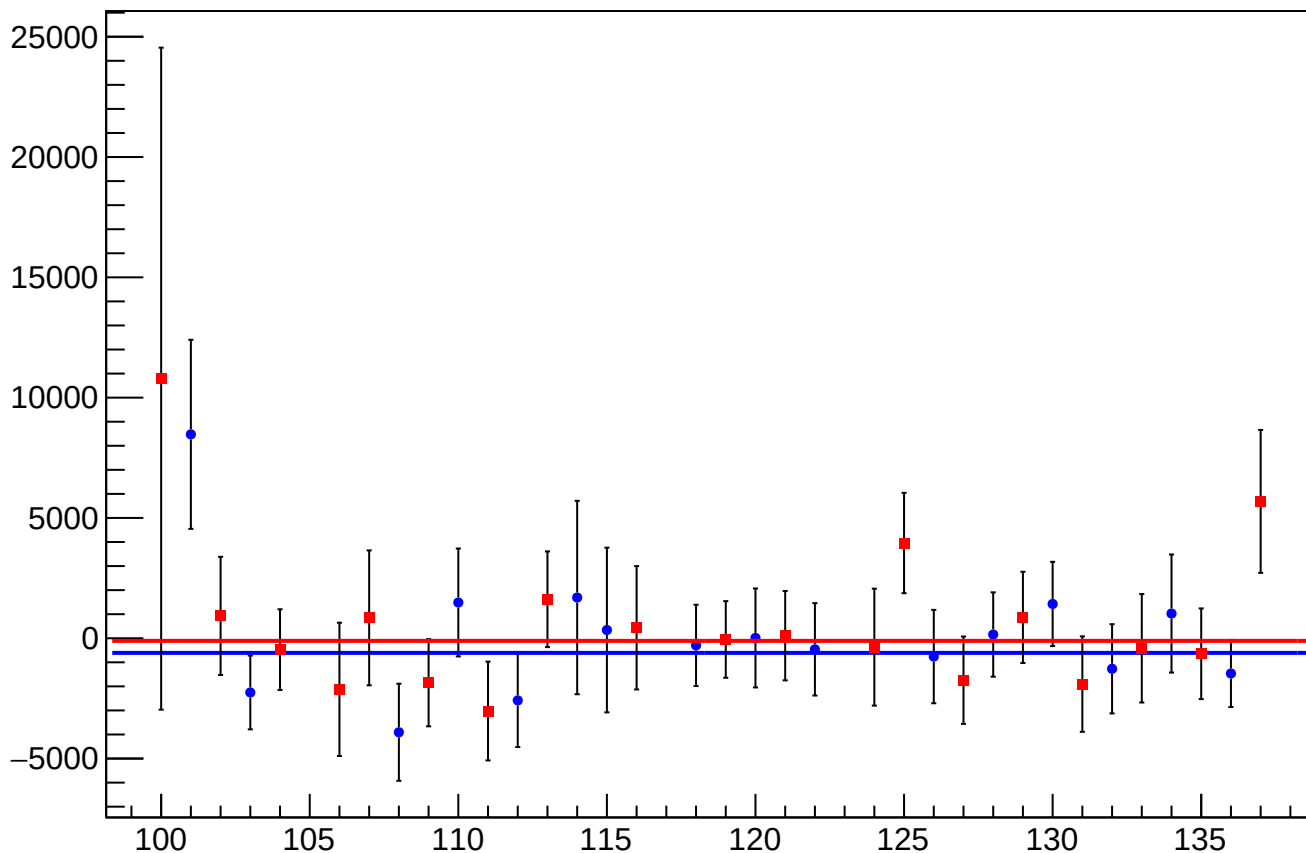
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.614+/-485.552 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

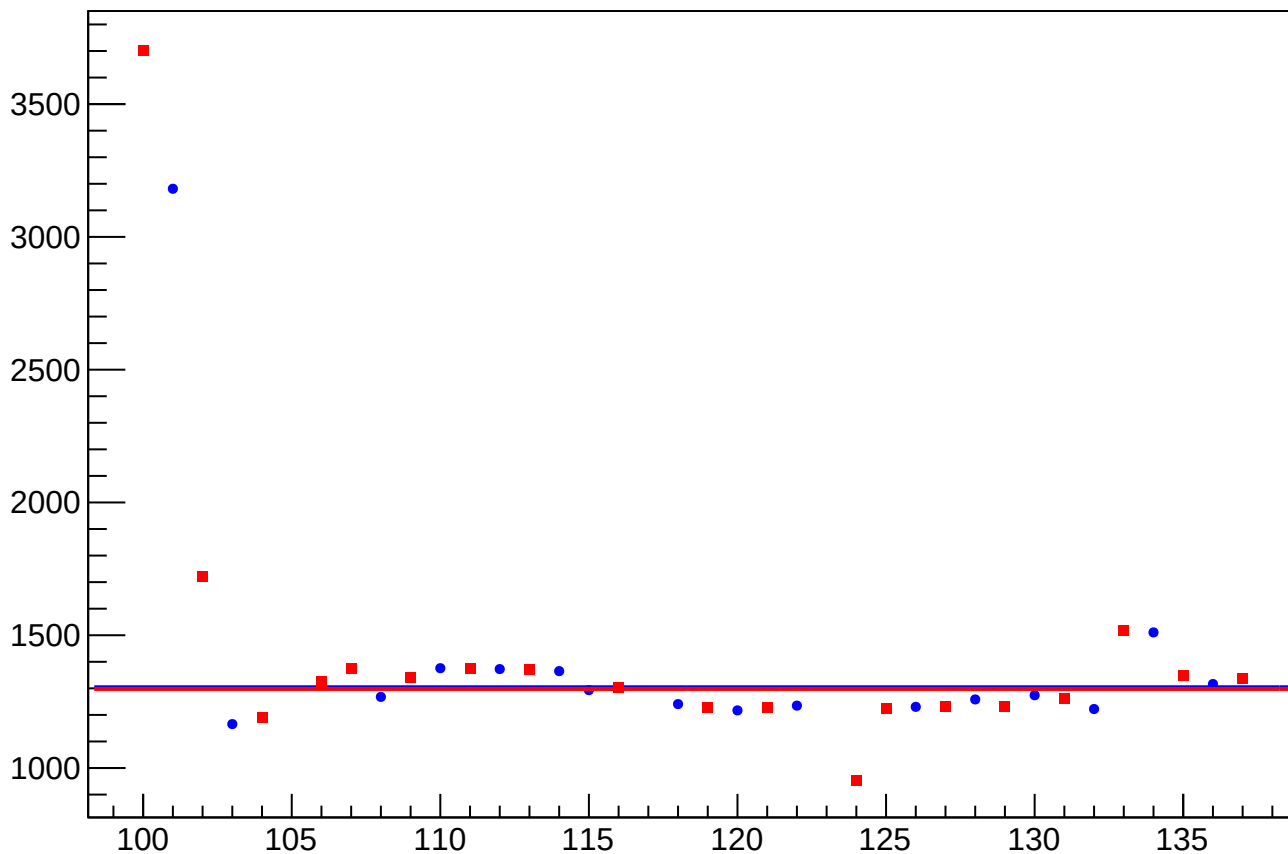
Right: -353.826+/-346.348 χ^2/NDF : 29.5/34

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.826+/-346.348 χ^2/NDF : 29.5/34

dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

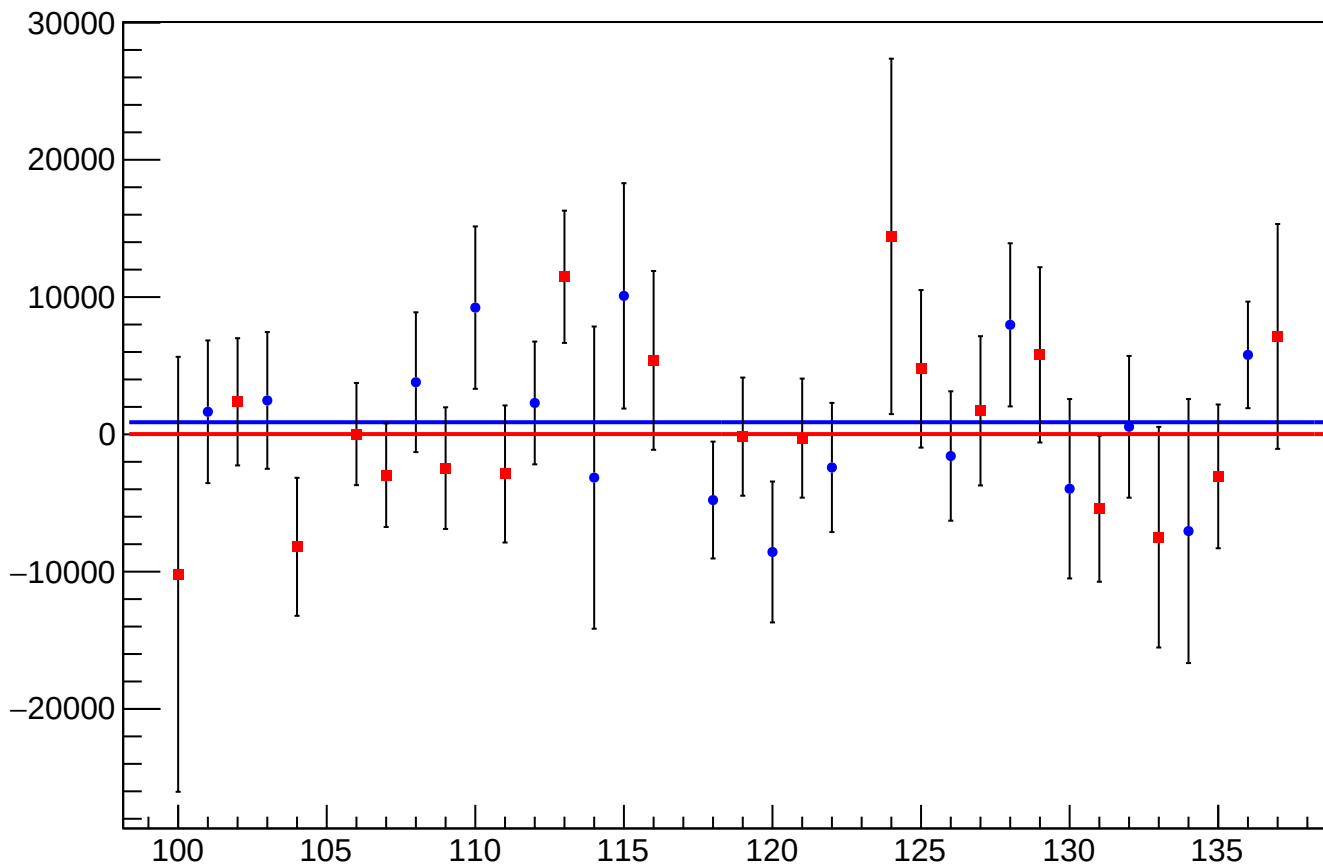
Right: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.681+/-1200.015 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

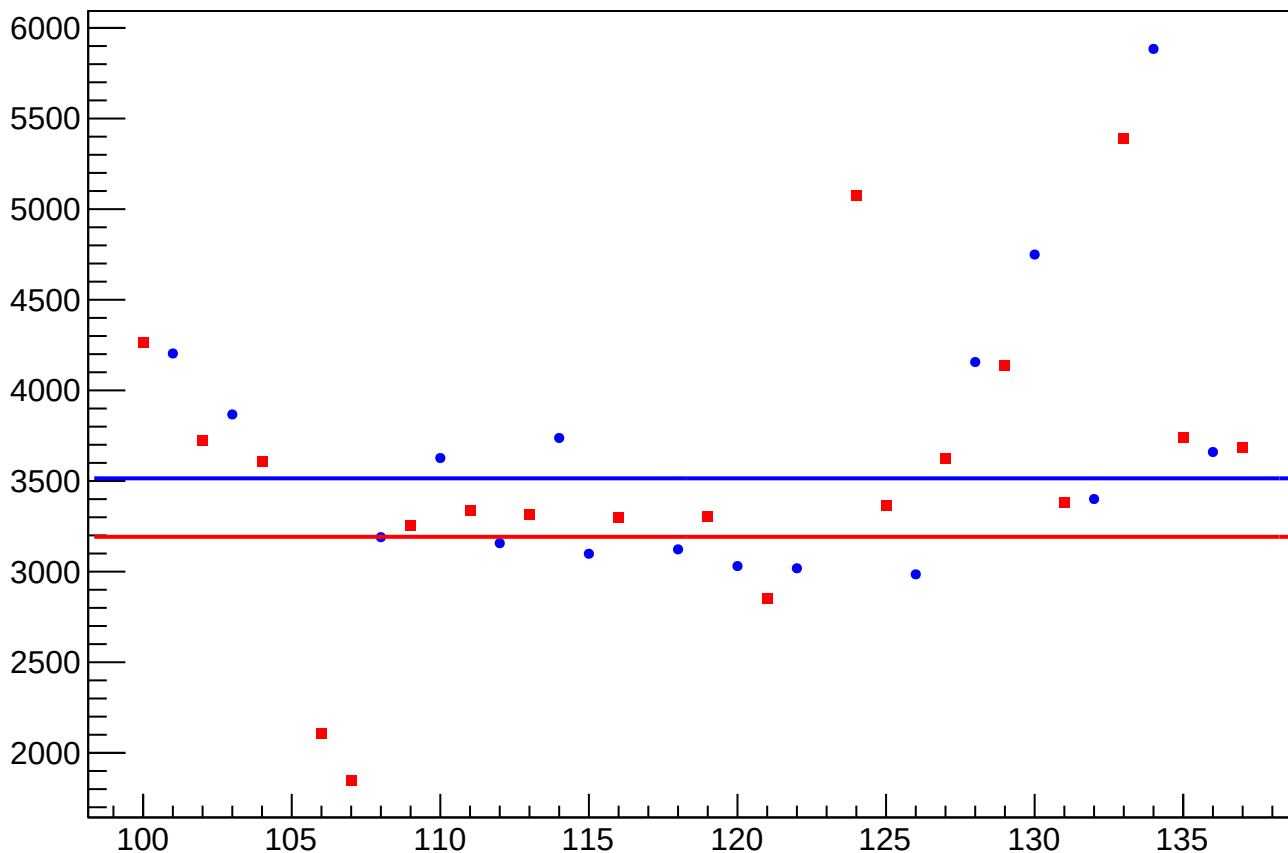
Right: 408.965+/-890.176 χ^2/NDF : 31.2/34

In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.965+/-890.176 χ^2/NDF : 31.2/34

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.203+/-0.849 χ^2/NDF : 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

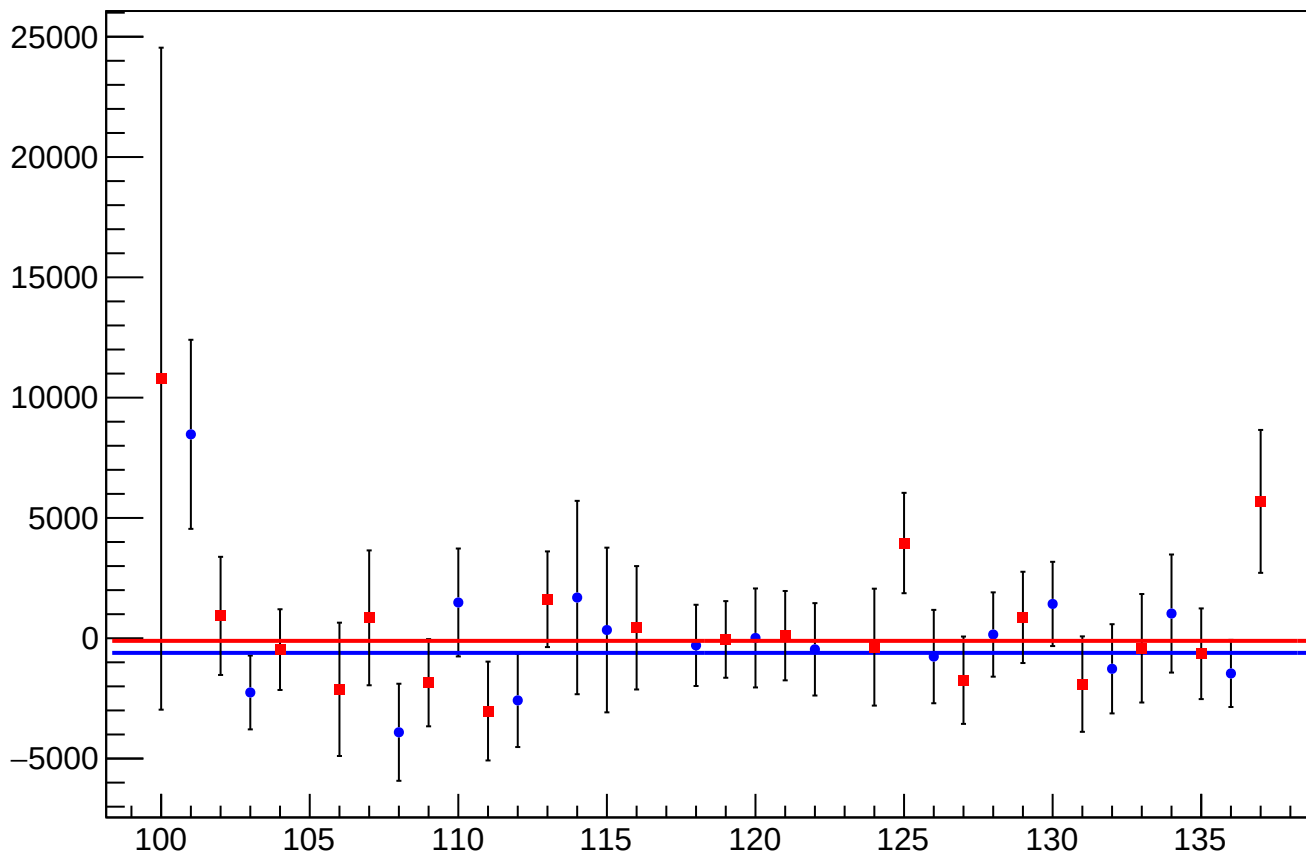
Right: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.619+/-485.553 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

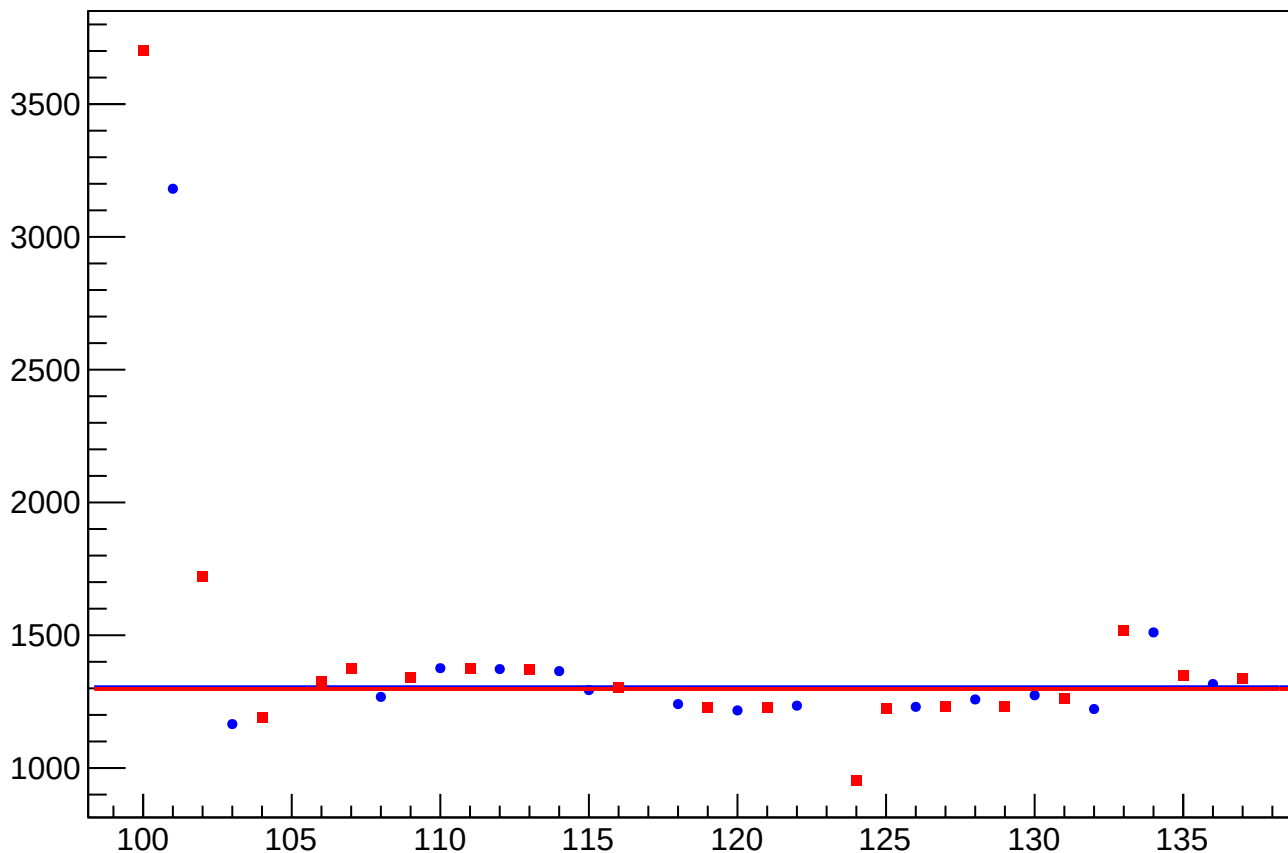
Right: -353.830+/-346.348 χ^2/NDF : 29.5/34

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.830+/-346.348 χ^2/NDF : 29.5/34

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

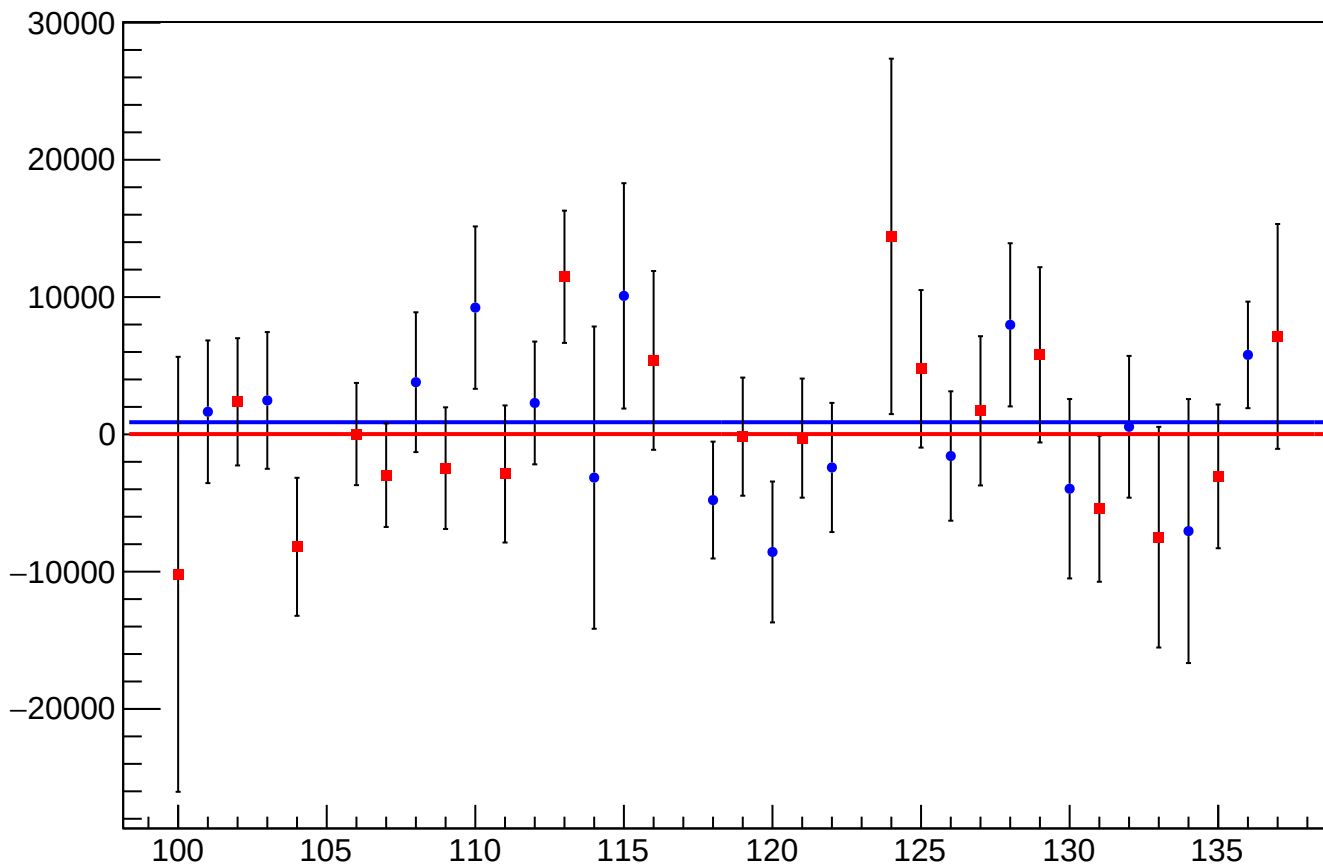
Right: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.677+/-1200.012 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

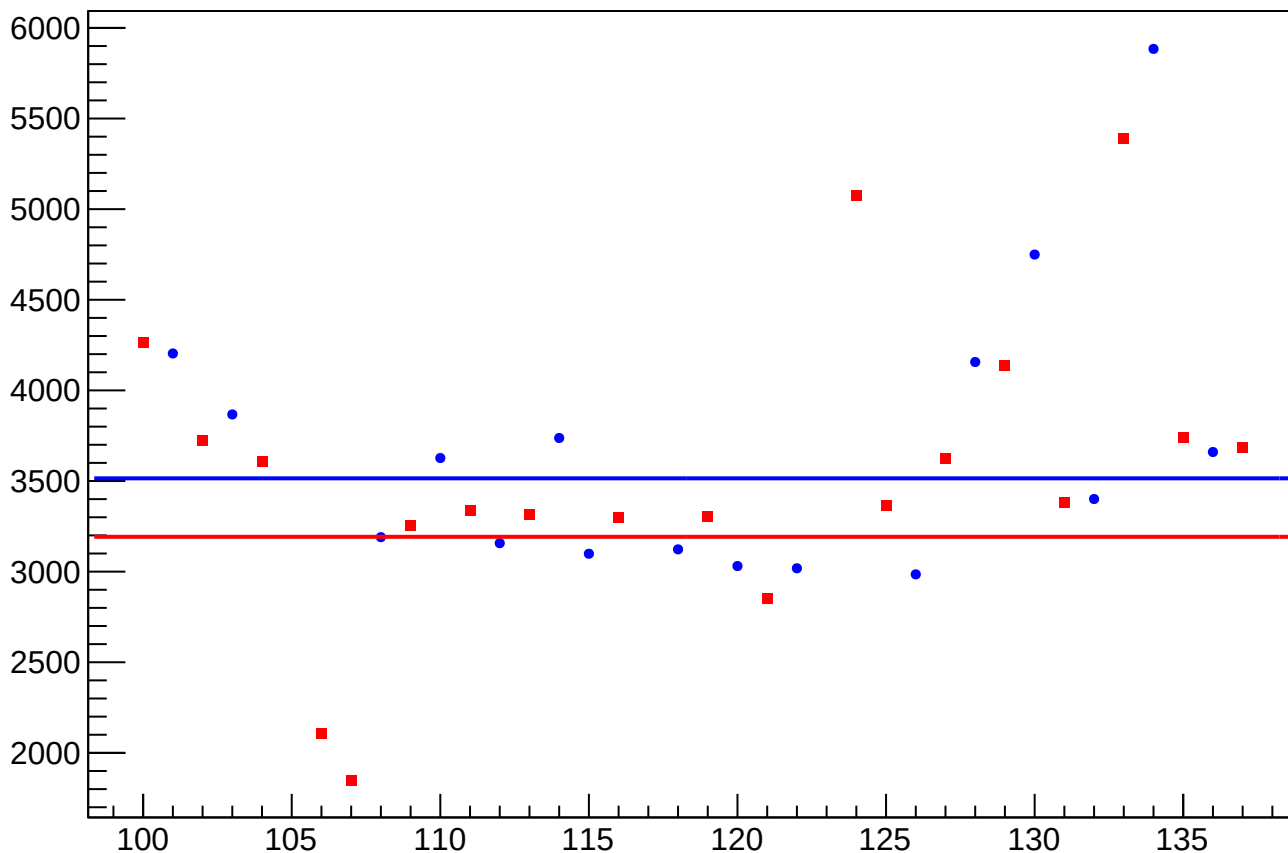
Right: 408.958+/-890.174 χ^2/NDF : 31.2/34

In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.958+/-890.174 χ^2/NDF : 31.2/34

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF : 772497.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

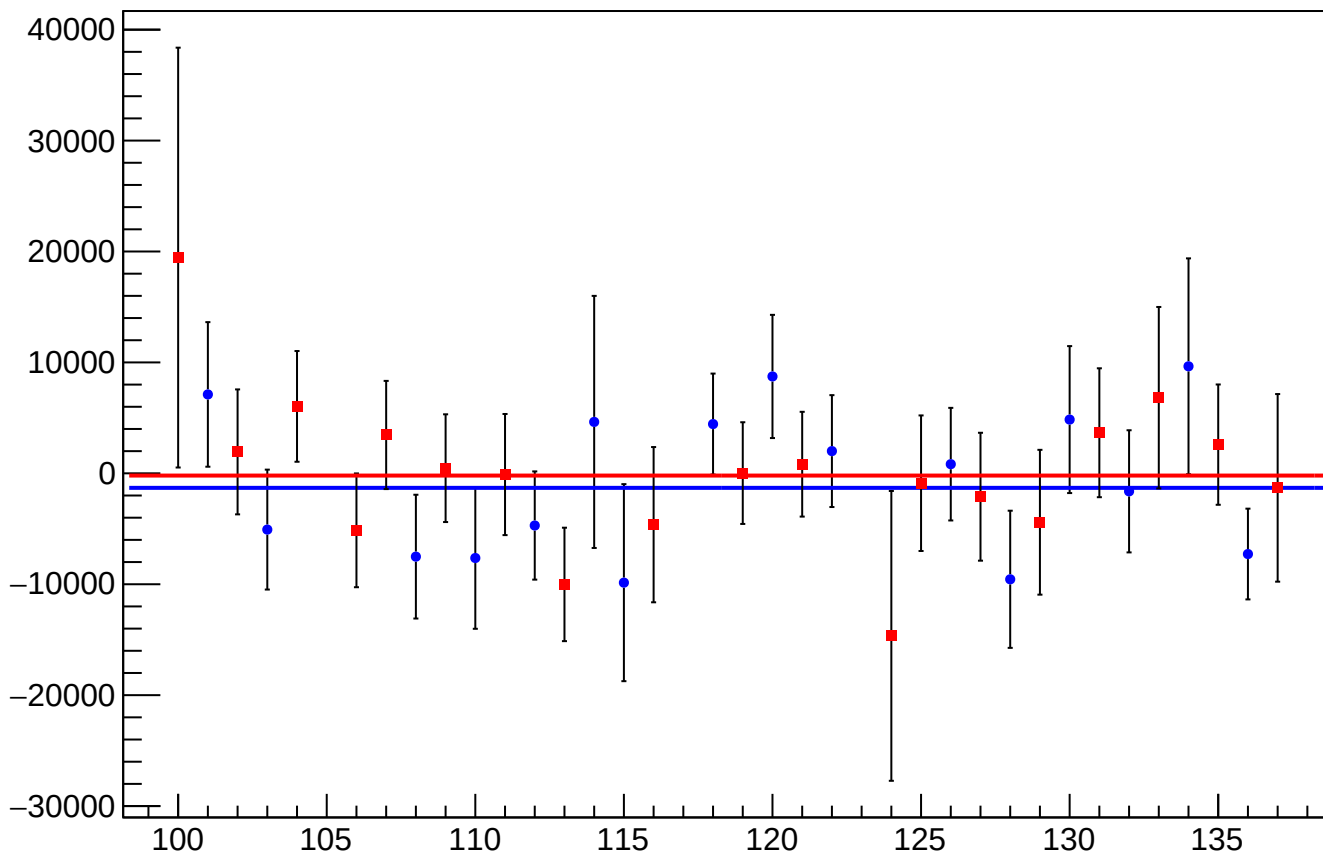
Right: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

In: 3514.737+/-0.939 χ^2/NDF :375082.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.593+/-1336.062 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

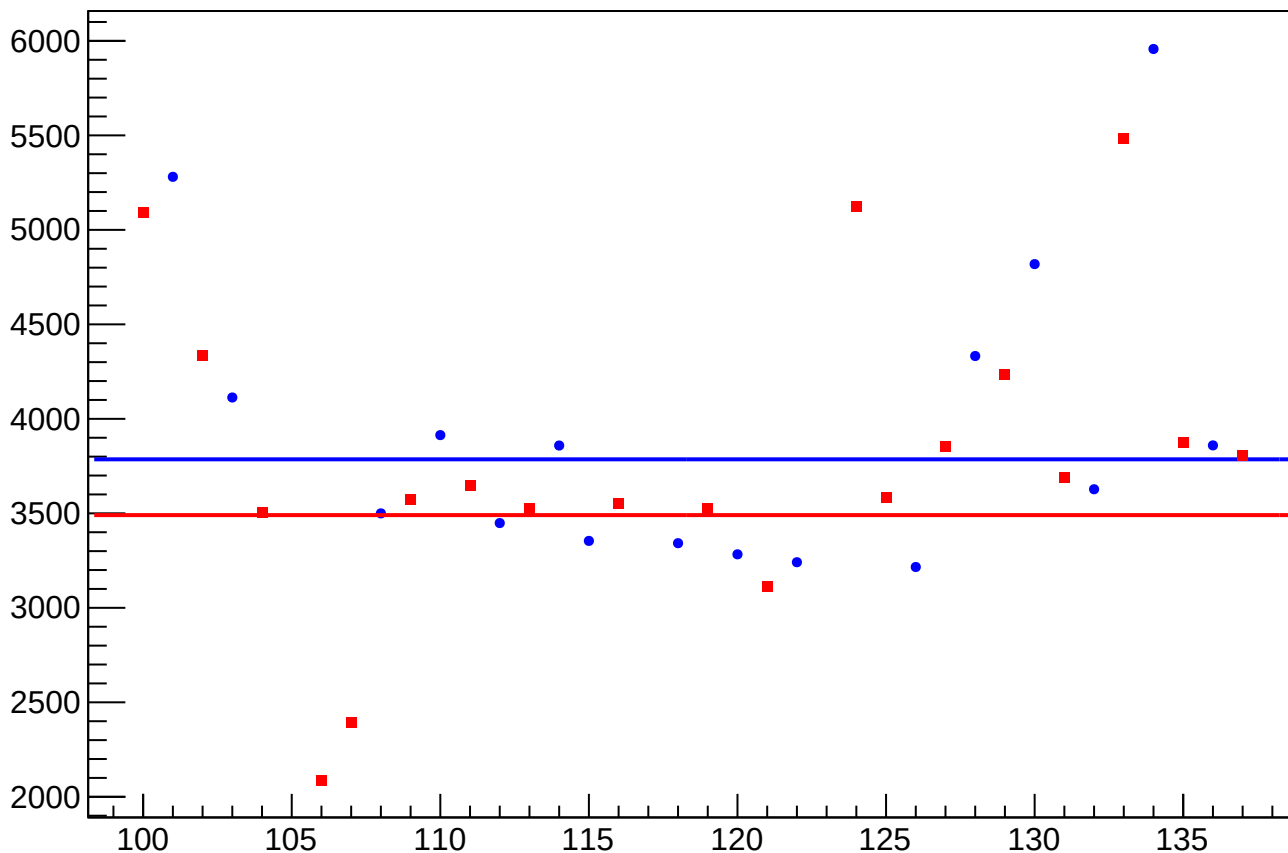
Right: -717.269+/-976.776 χ^2/NDF : 29.5/34

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -717.269+/-976.776 χ^2/NDF : 29.5/34

asym_atl_dd_atr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3490.614+/-0.932 χ^2/NDF : 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

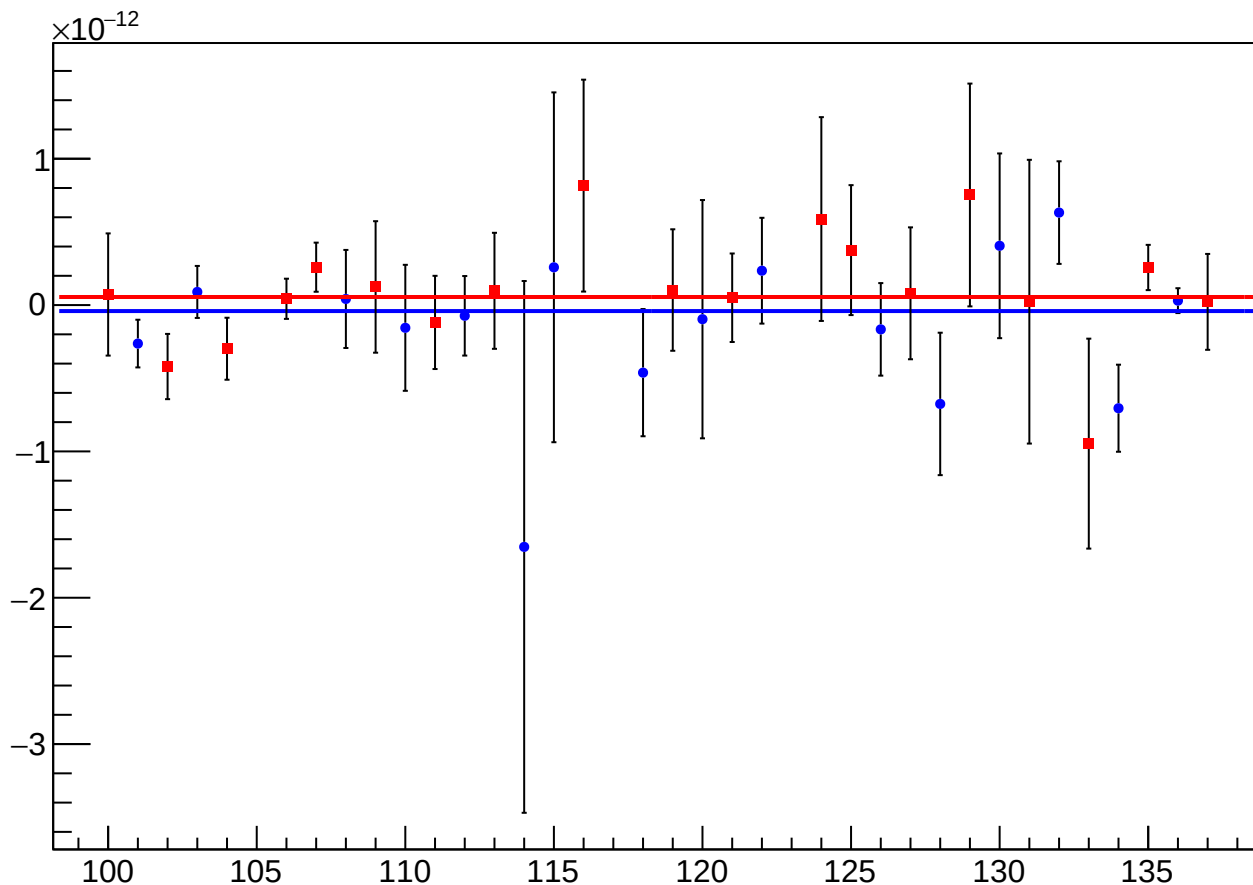
Right: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

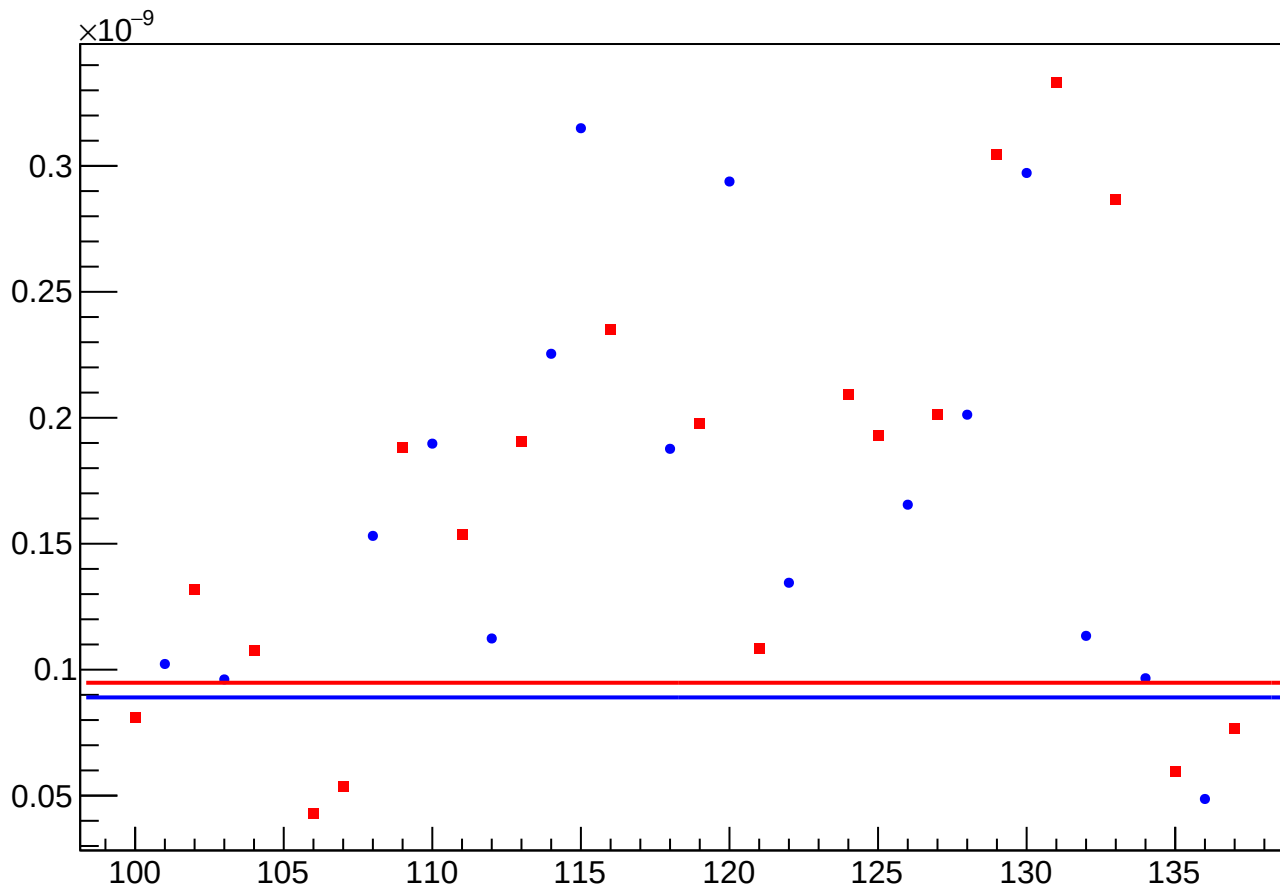
Right: 0.000 ± 0.000 χ^2/NDF : 33.7/34

In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 33.7/34

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1460718.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1734601.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

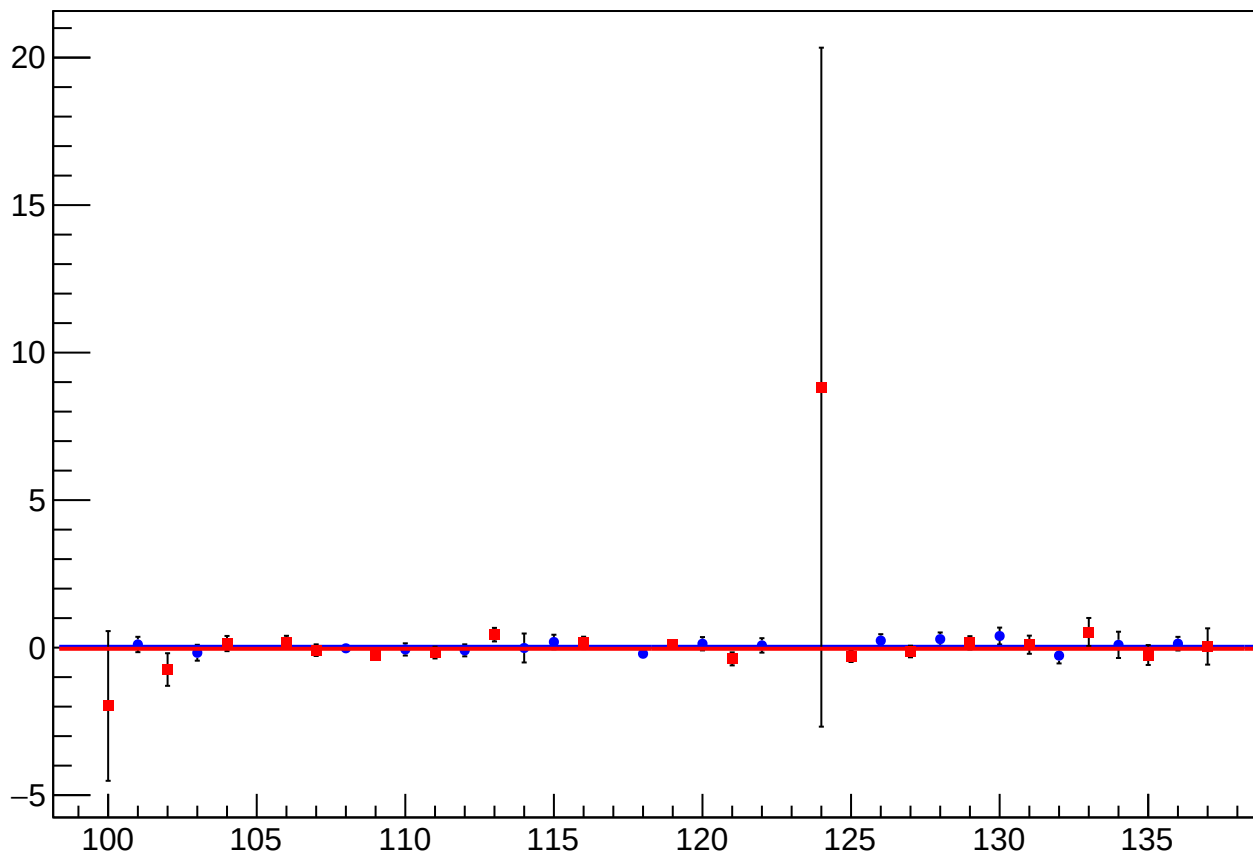
Right: 0.000+/-0.000 χ^2/NDF : 3204262.4/34

In: 0.000+/-0.000 χ^2/NDF : 1460718.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3204262.4/34

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.055 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

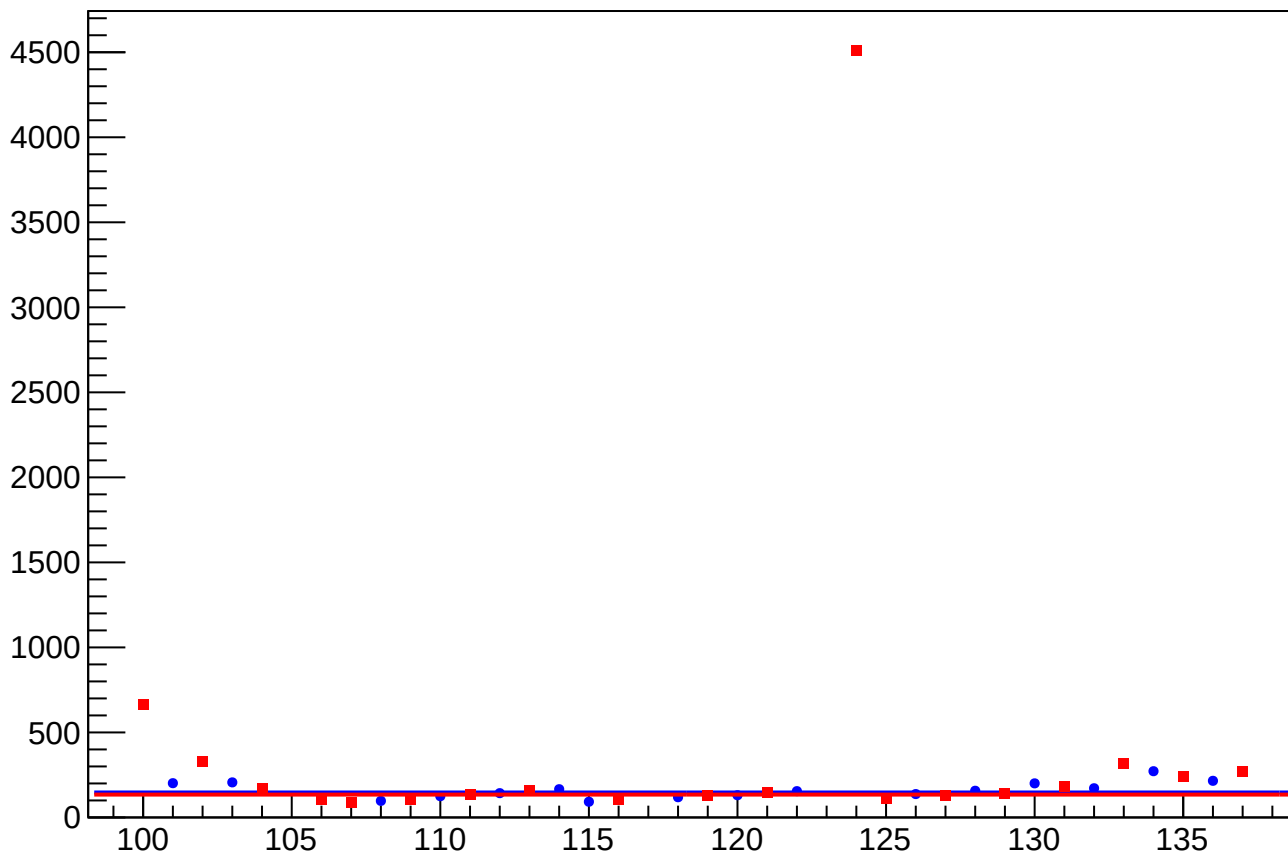
Right: -0.007+/-0.040 χ^2/NDF : 30.2/34

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.040 χ^2/NDF : 30.2/34

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

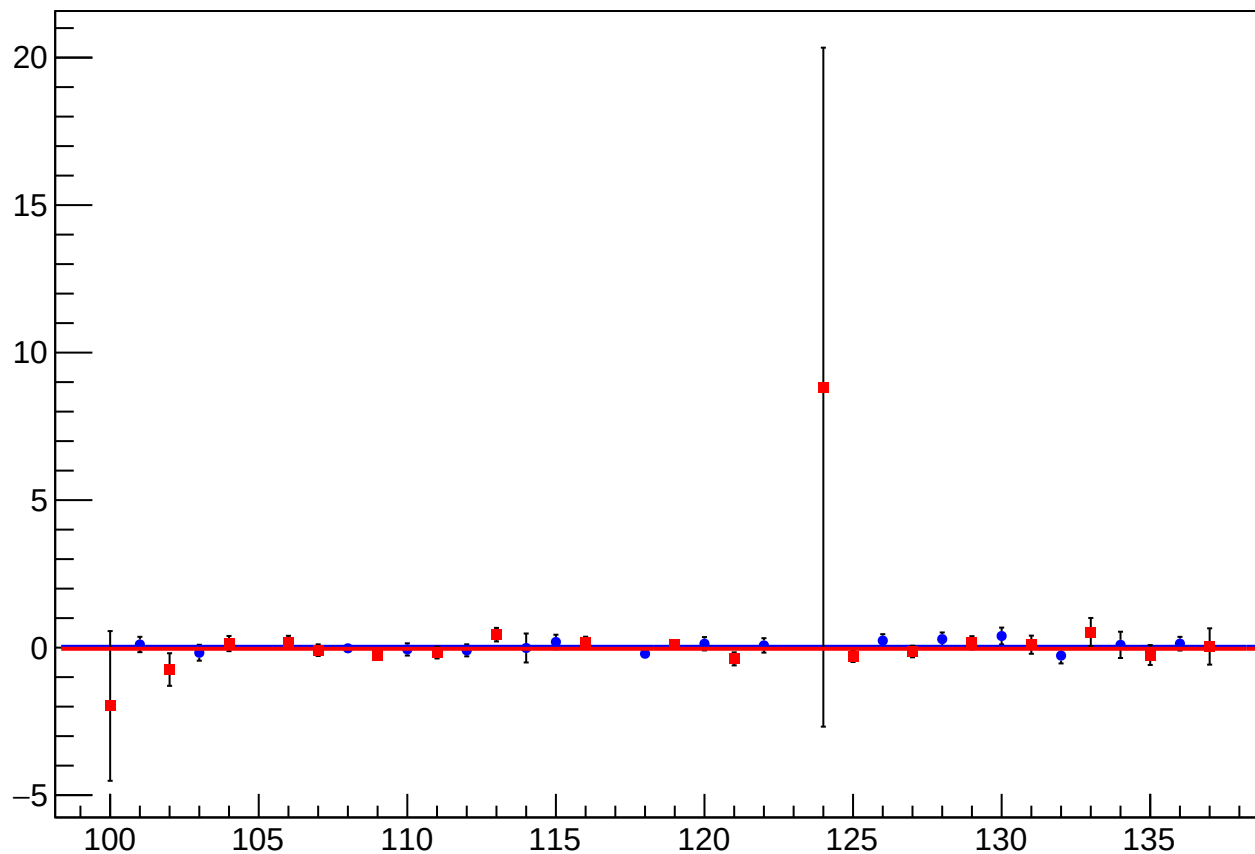
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

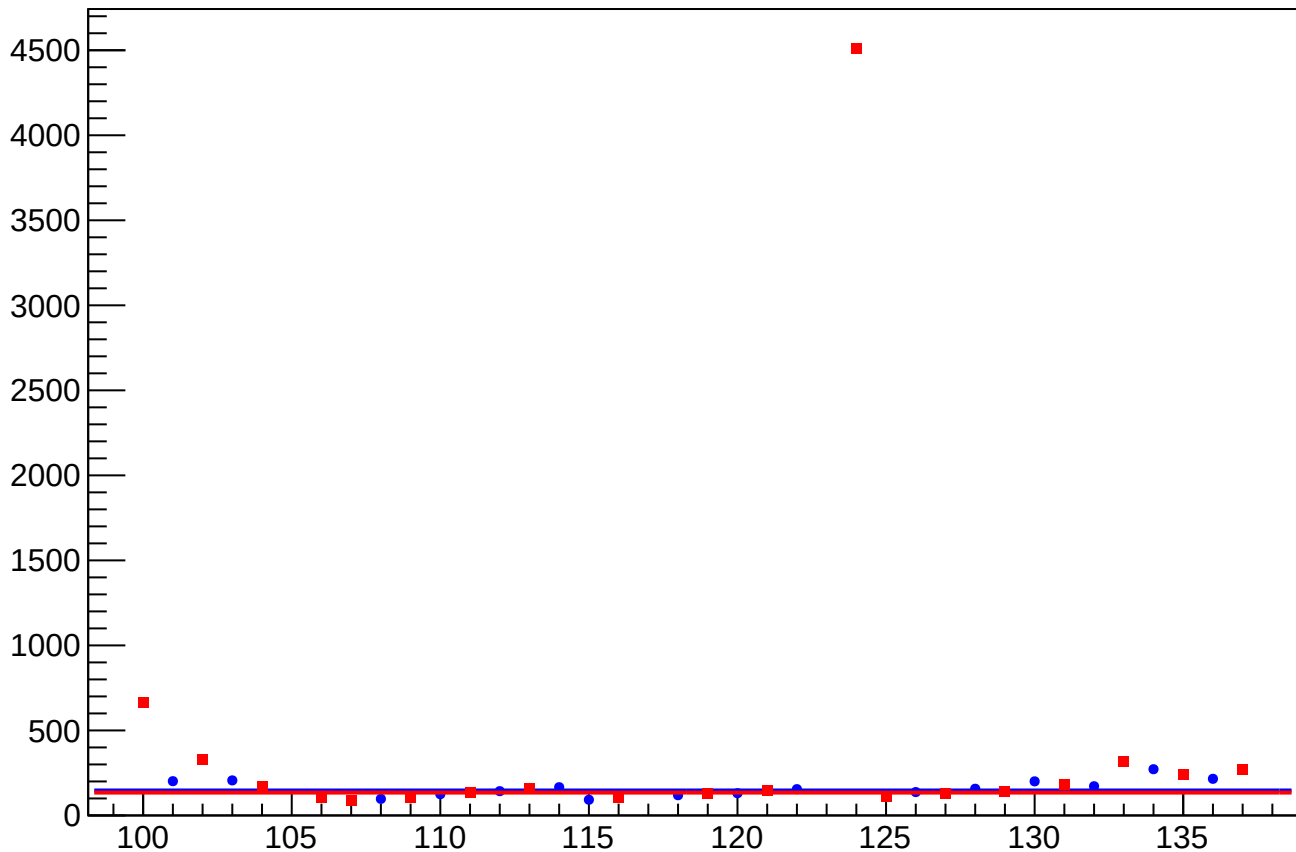
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

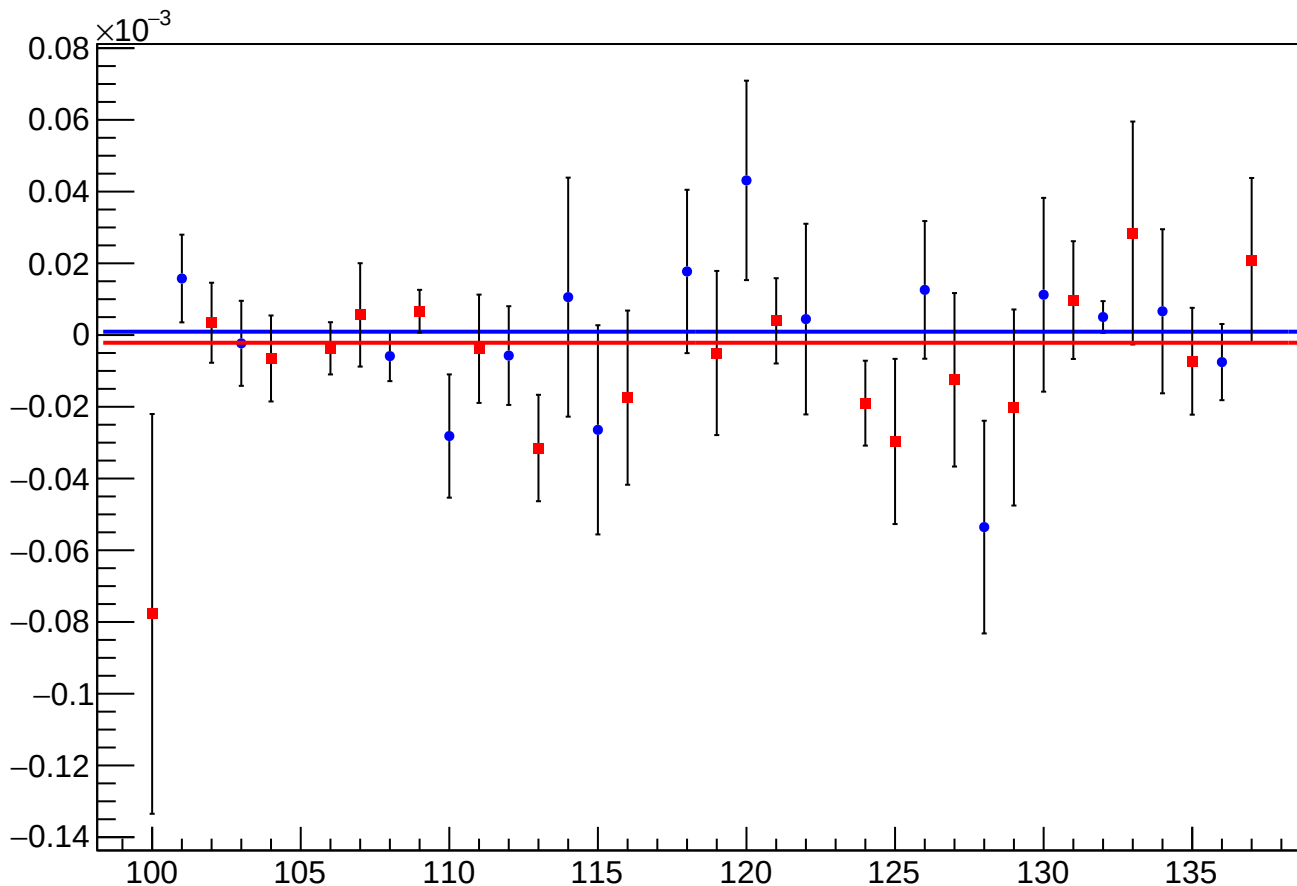
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

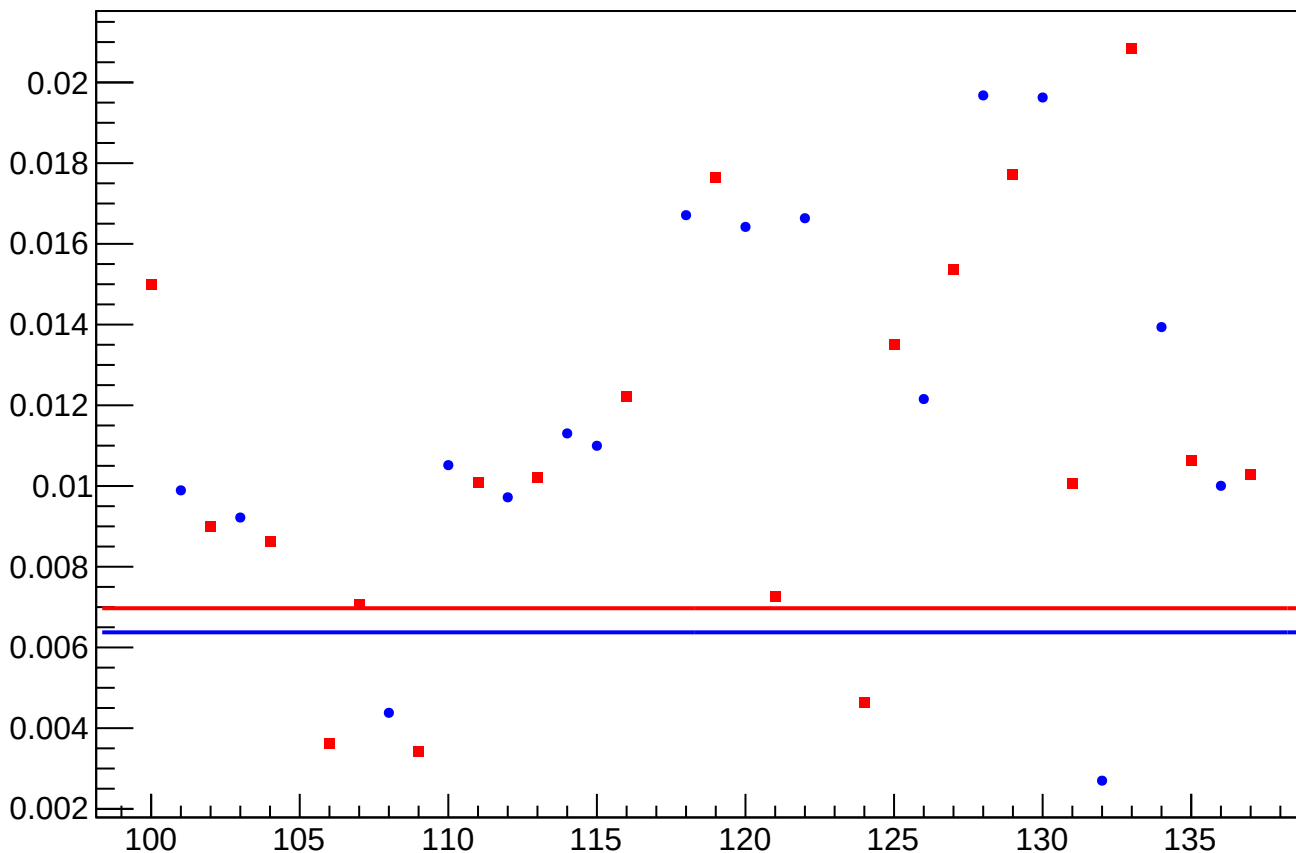
Right: -0.000+/-0.000 χ^2/NDF : 31.5/34

In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3409939.3/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

In: 0.006+/-0.000

χ^2/NDF :4639775.7/15

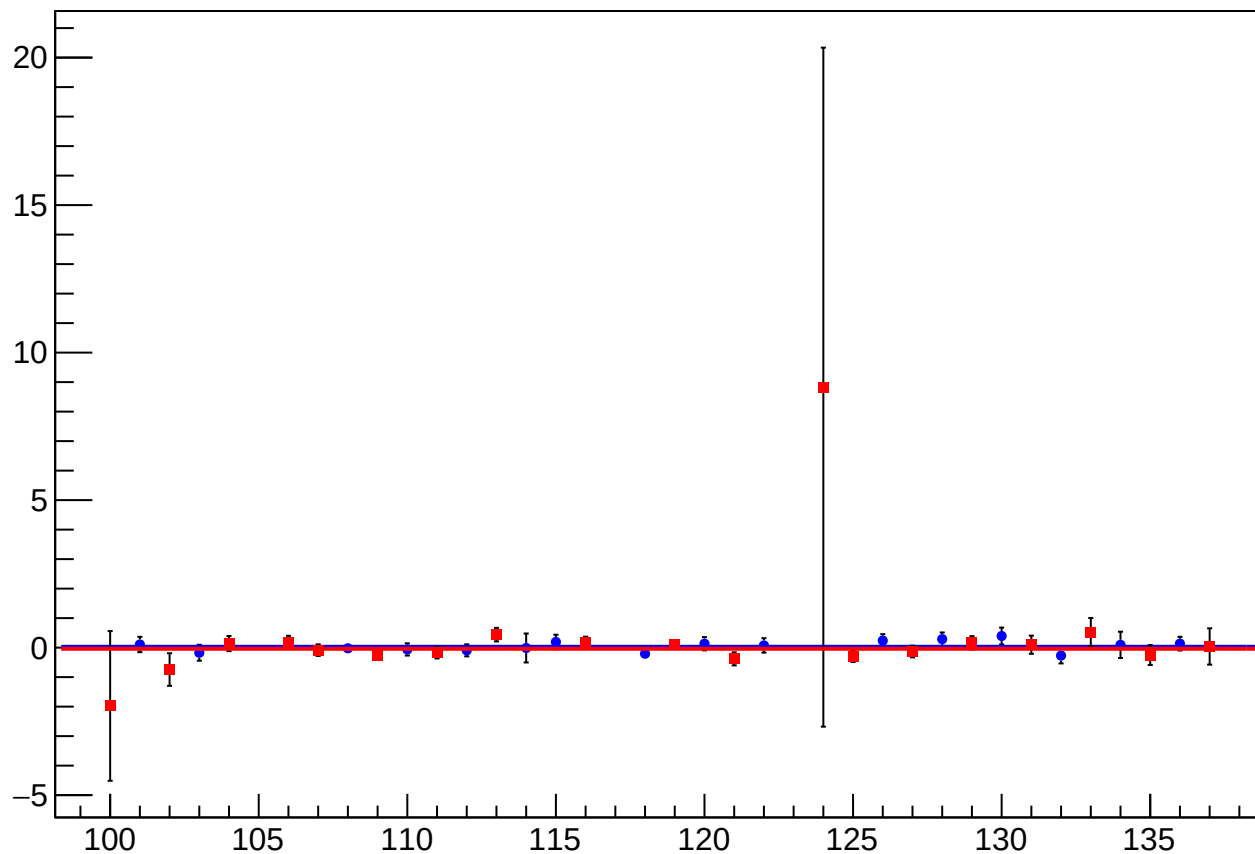
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.055 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

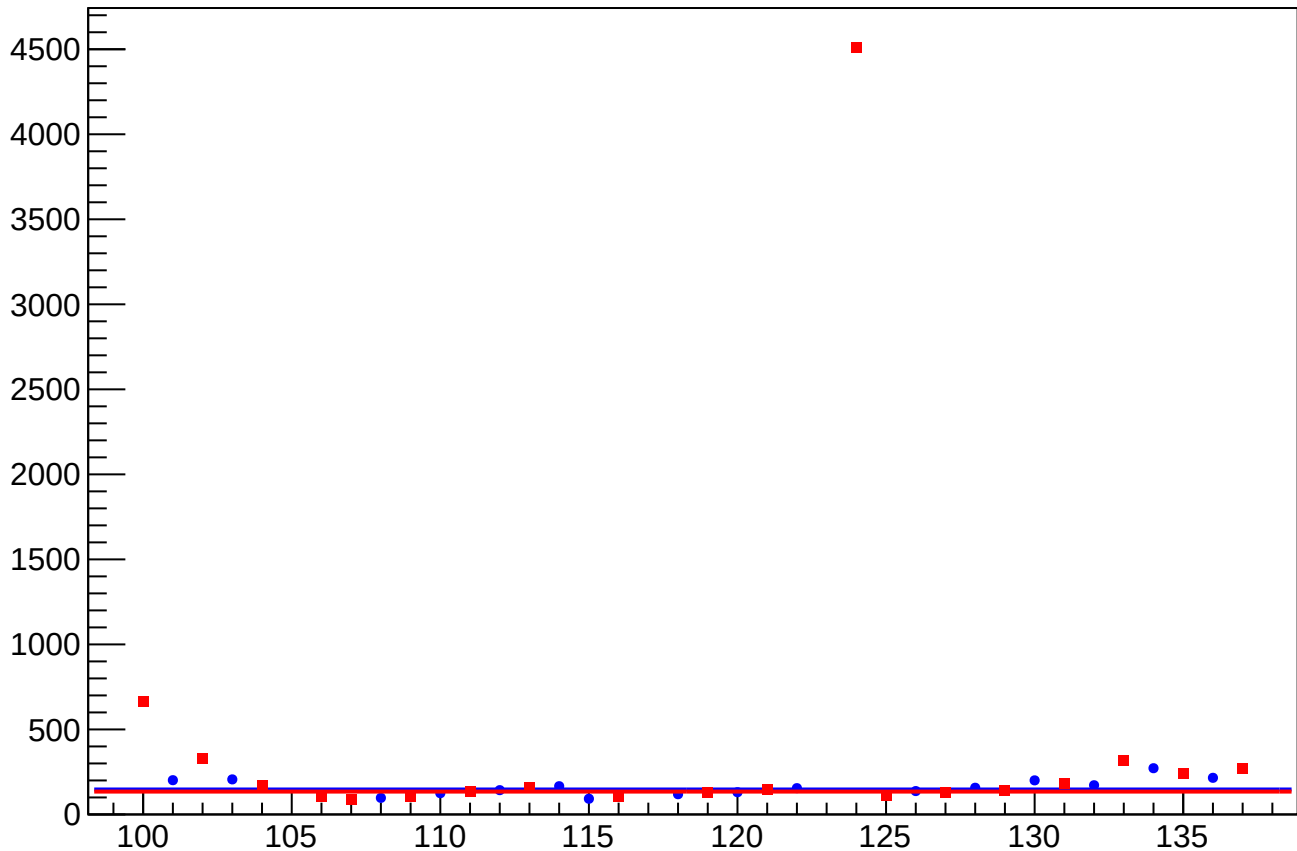
Right: -0.007+/-0.040 χ^2/NDF : 30.2/34

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.040 χ^2/NDF : 30.2/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

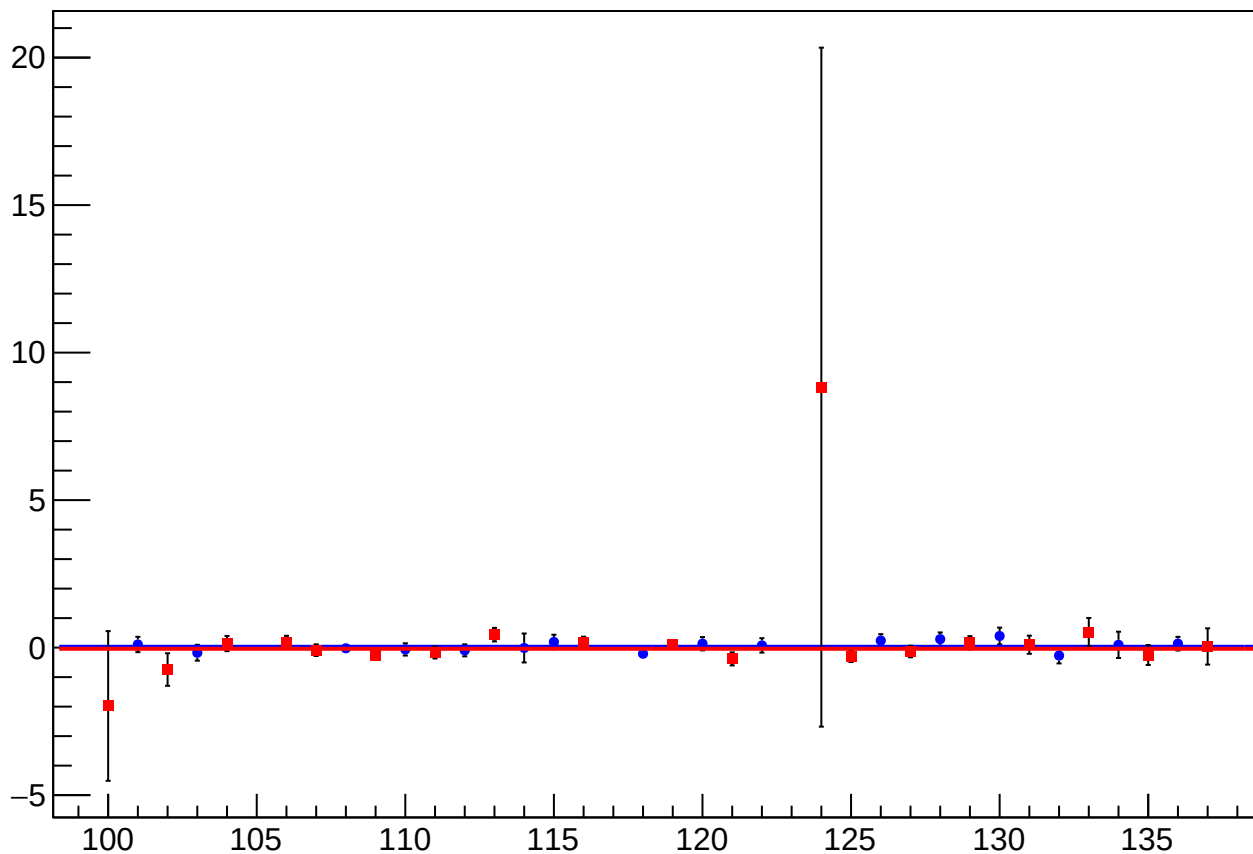
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

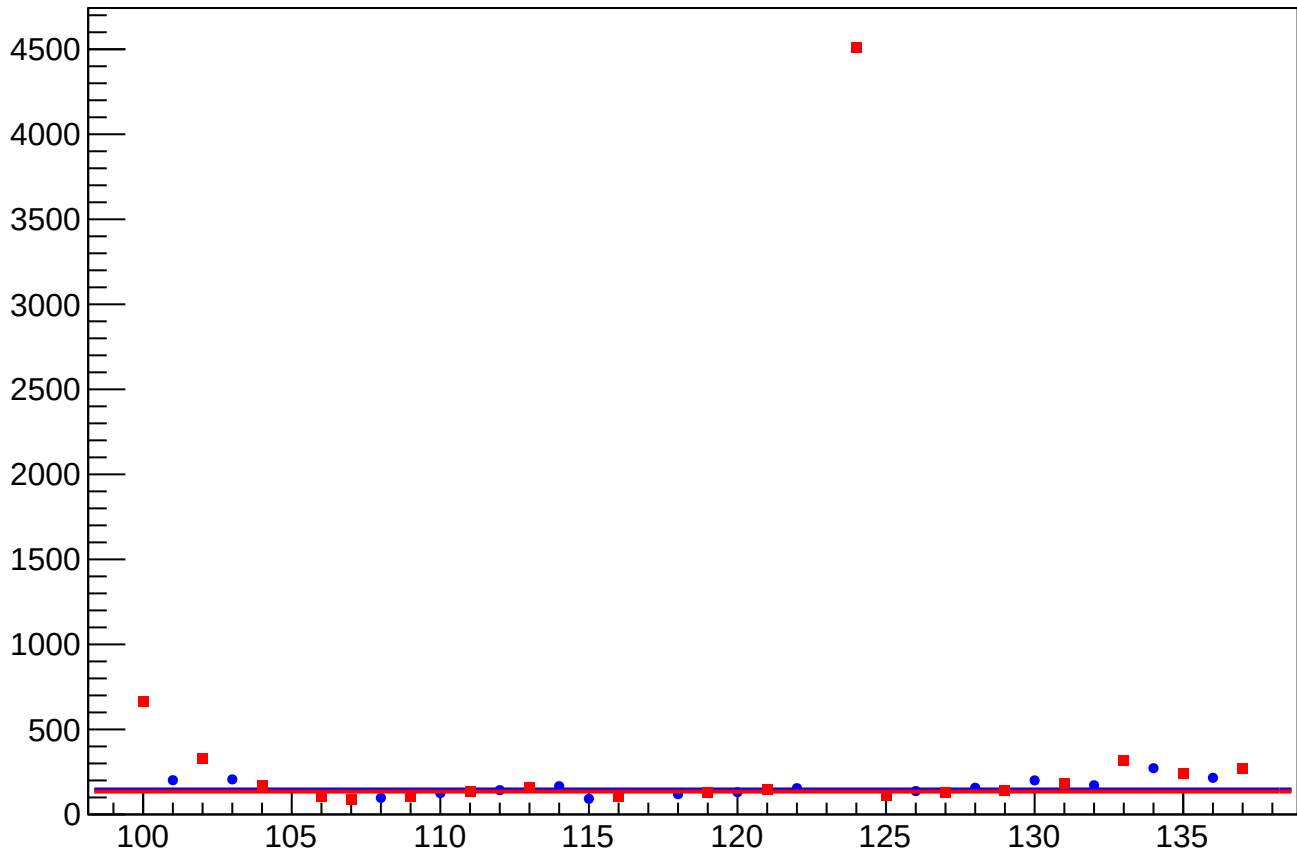
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

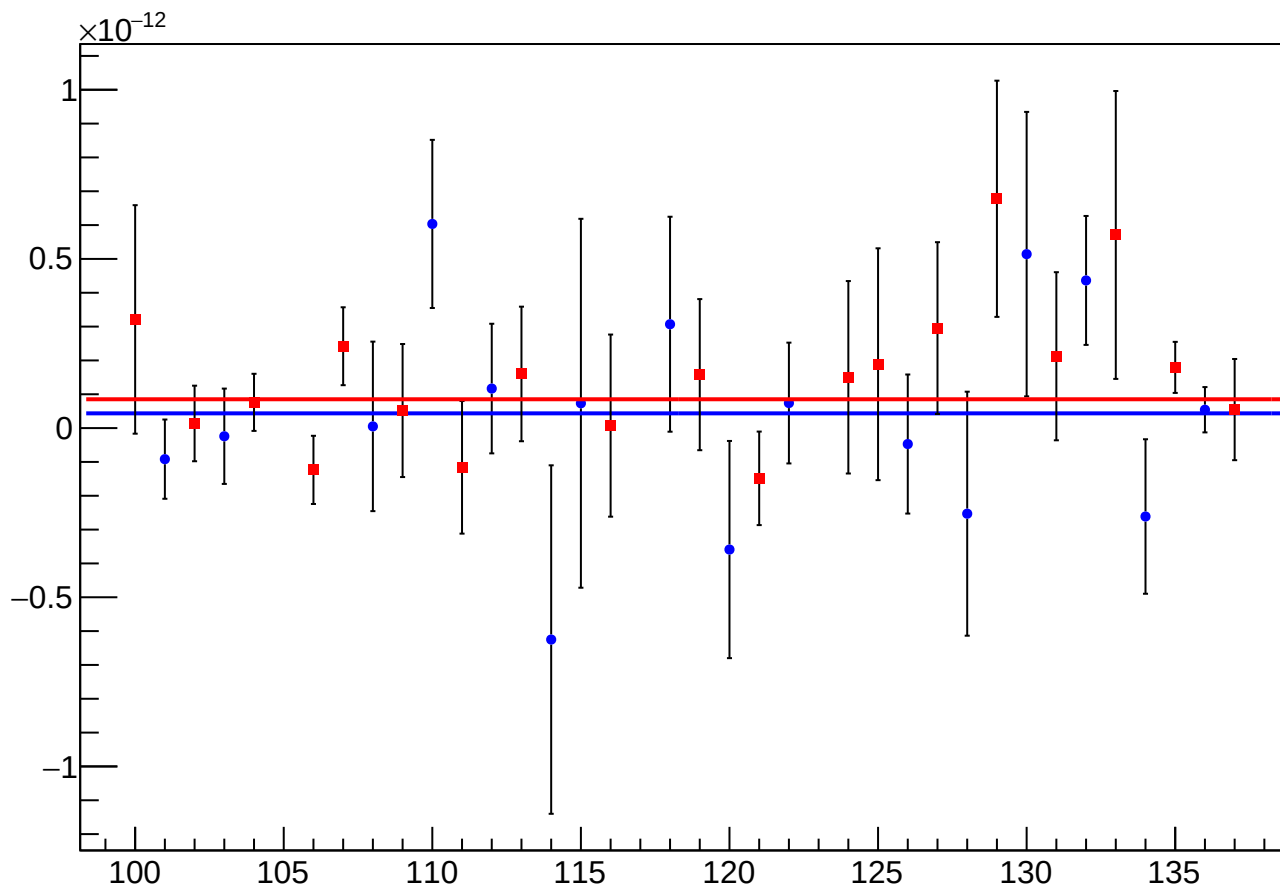
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

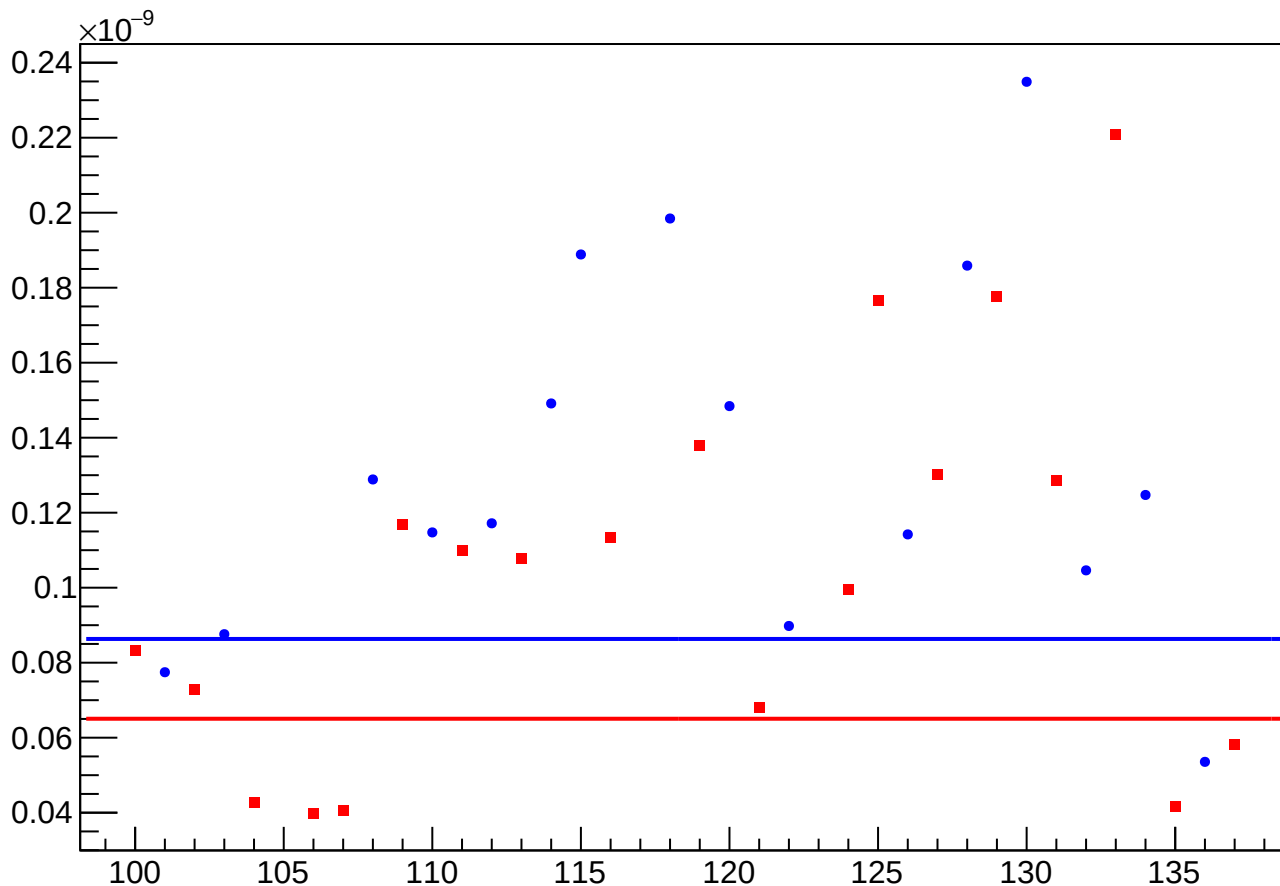
Right: 0.000+/-0.000 χ^2/NDF : 37.8/34

In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.8/34

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2158861.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

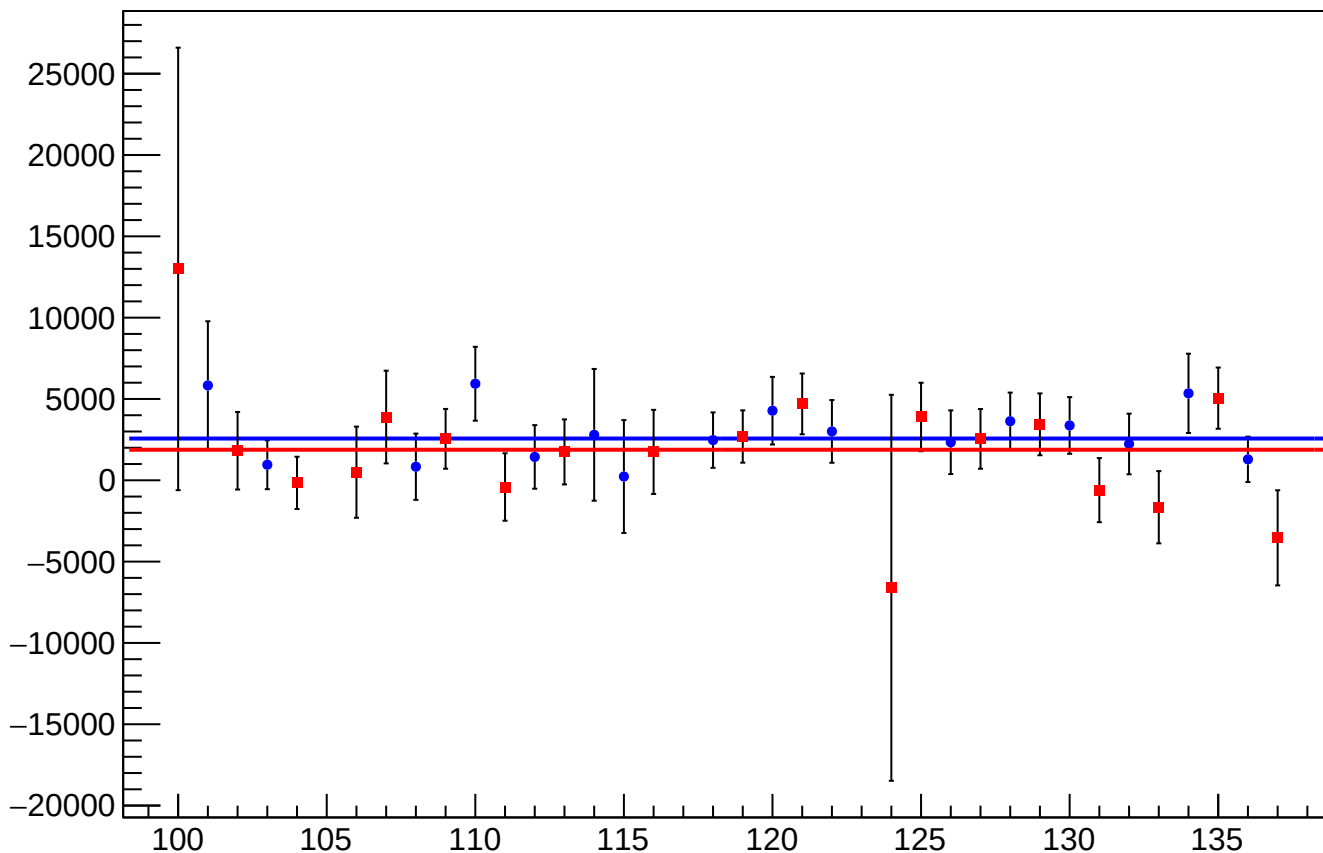
Right: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

reg_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2567.460+/-495.364 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1878.030+/-494.719 χ^2/NDF : 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

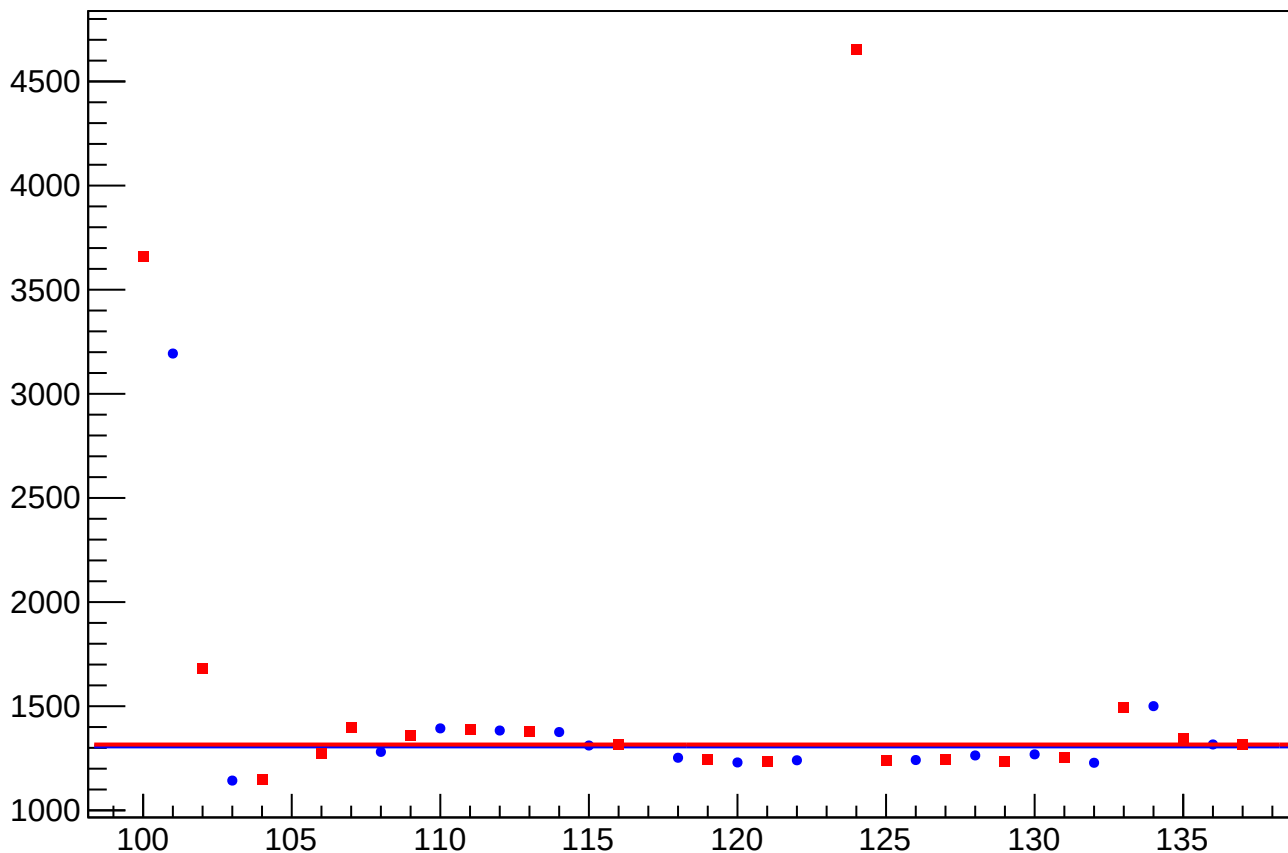
Right: 2222.296+/-350.047 χ^2/NDF : 29.6/34

In: 2567.460+/-495.364 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.296+/-350.047 χ^2/NDF : 29.6/34

reg_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1307.068+/-0.350 χ^2/NDF : 516249.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1315.999+/-0.349 χ^2/NDF : 326420.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

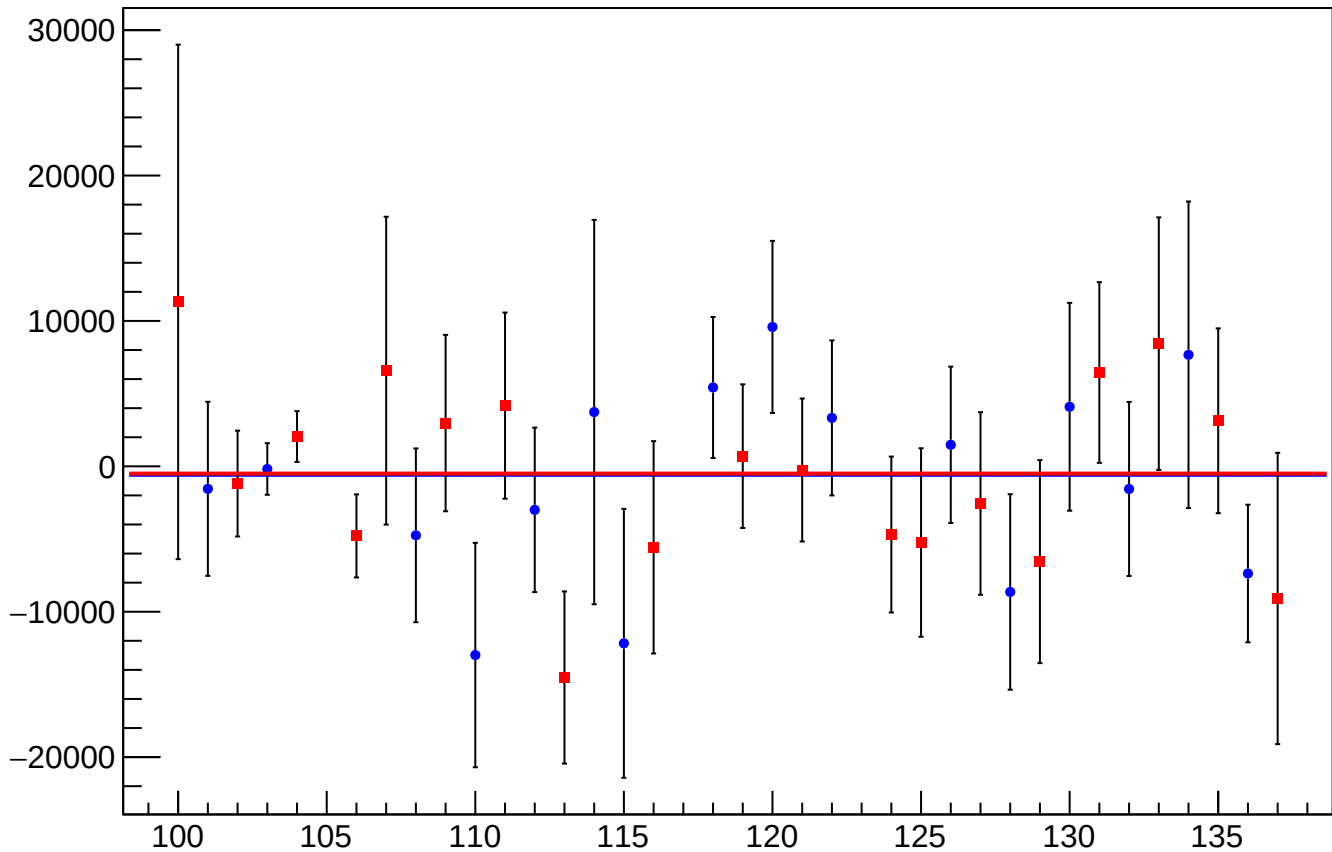
Right: 1311.551+/-0.247 χ^2/NDF : 842995.4/34

In: 1307.068+/-0.350 χ^2/NDF : 516249.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.551+/-0.247 χ^2/NDF : 842995.4/34

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -581.790+/-1192.862 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -500.098+/-1055.434 χ^2/NDF : 17.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

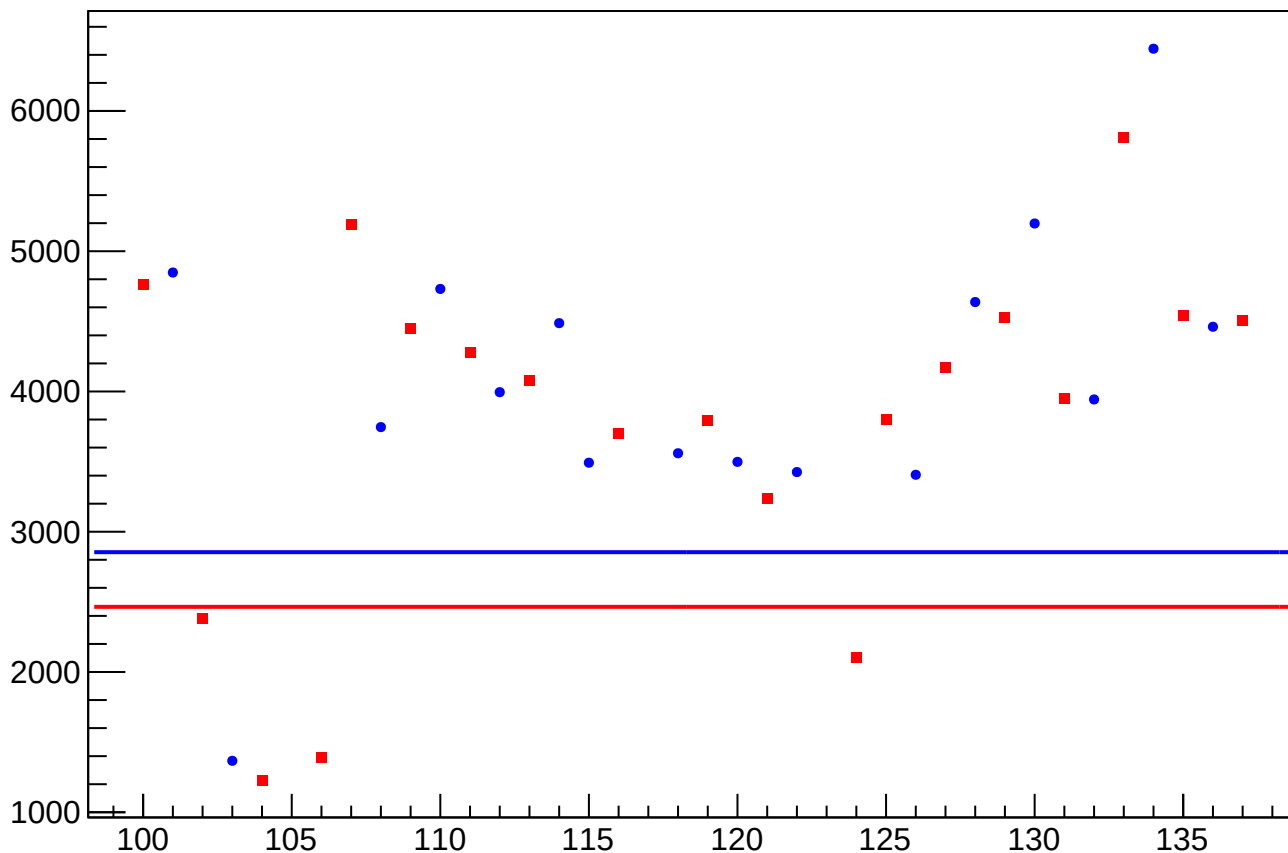
Right: -535.969+/-790.447 χ^2/NDF : 32.4/34

In: -581.790+/-1192.862 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -535.969+/-790.447 χ^2/NDF : 32.4/34

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2854.300+/-0.843 χ^2/NDF : 2904822.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2464.593+/-0.746 χ^2/NDF : 3355947.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

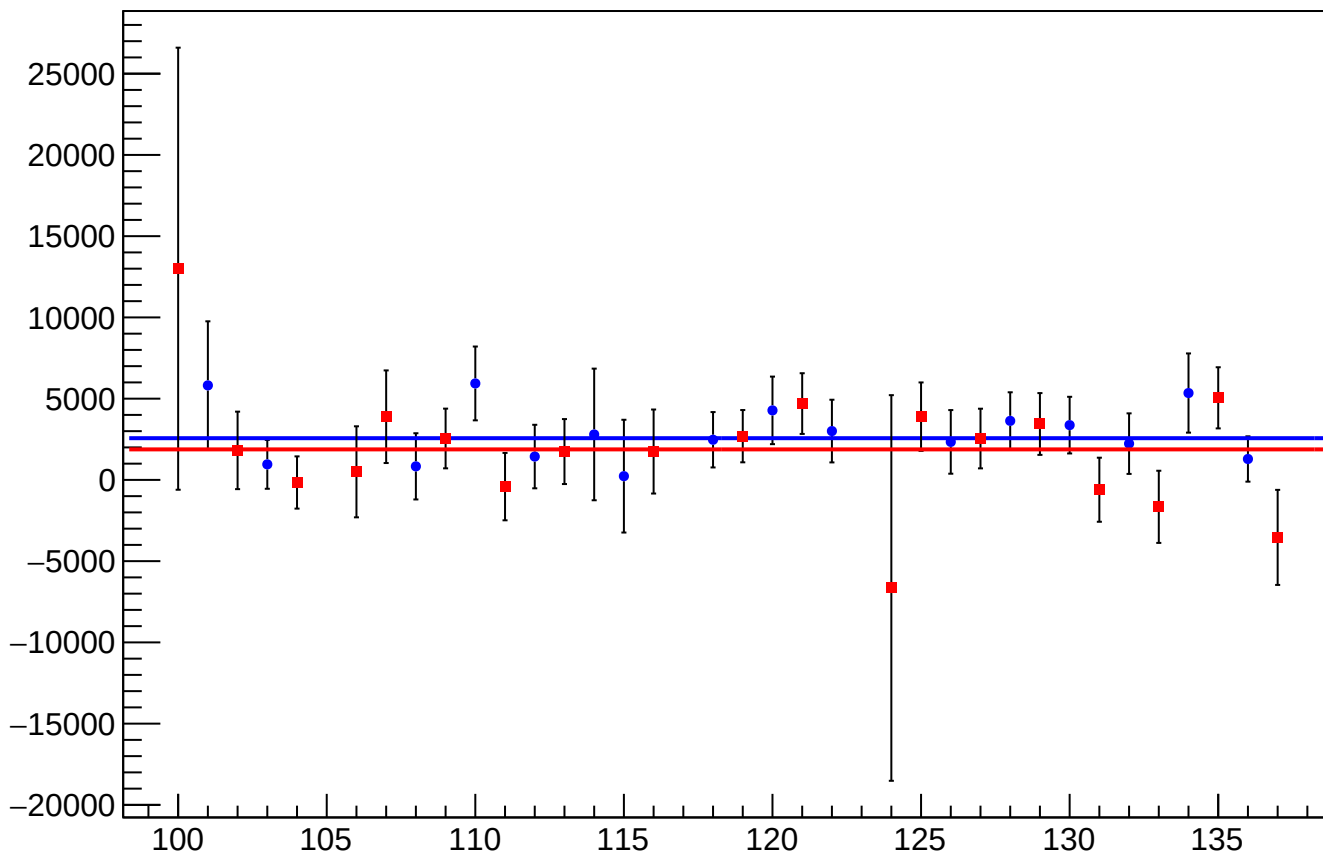
Right: 2635.714+/-0.559 χ^2/NDF : 6380500.9/34

In: 2854.300+/-0.843 χ^2/NDF : 2904822.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2635.714+/-0.559 χ^2/NDF : 6380500.9/34

cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2567.180+/-495.364 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1877.774+/-494.719 χ^2/NDF : 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

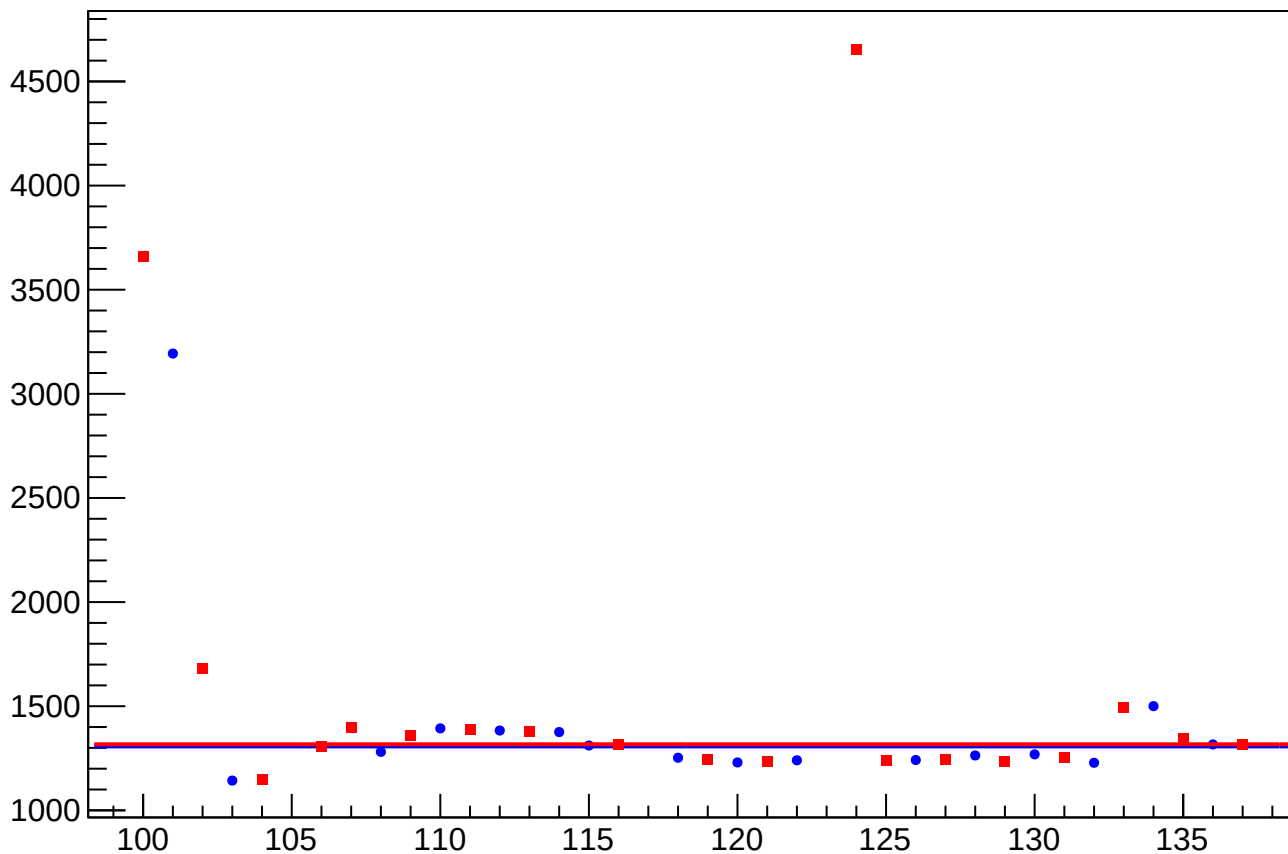
Right: 2222.028+/-350.047 χ^2/NDF : 29.6/34

In: 2567.180+/-495.364 χ^2/NDF :9.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2222.028+/-350.047 χ^2/NDF : 29.6/34

cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.128+/-0.349 χ^2/NDF : 325926.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

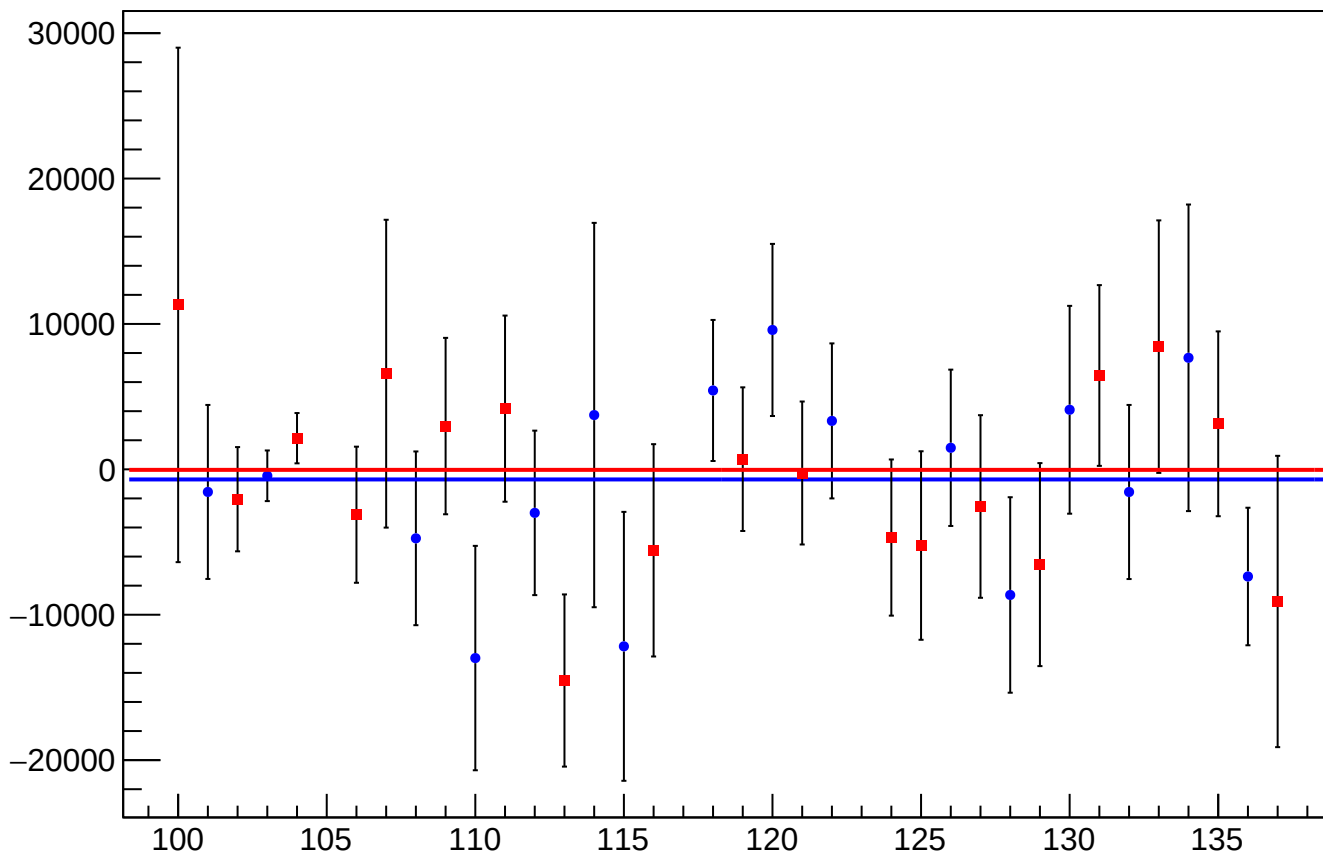
Right: 1312.114+/-0.247 χ^2/NDF : 842591.1/34

In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.114+/-0.247 χ^2/NDF : 842591.1/34

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.115+/-1098.207 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

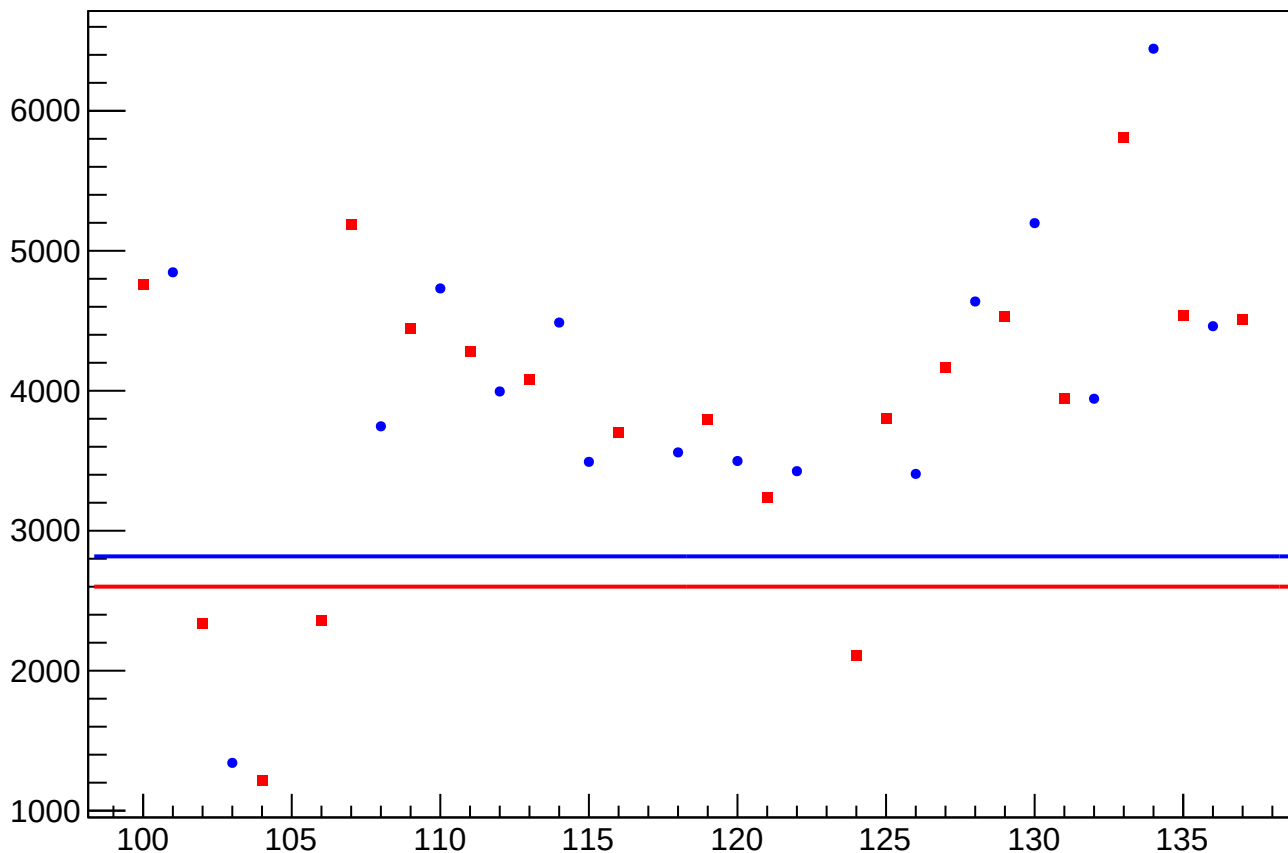
Right: -341.373+/-804.680 χ^2/NDF : 30.8/34

In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.373+/-804.680 χ^2/NDF : 30.8/34

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2816.784+/-0.836 χ^2/NDF : 3007570.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2600.524+/-0.777 χ^2/NDF : 3080771.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

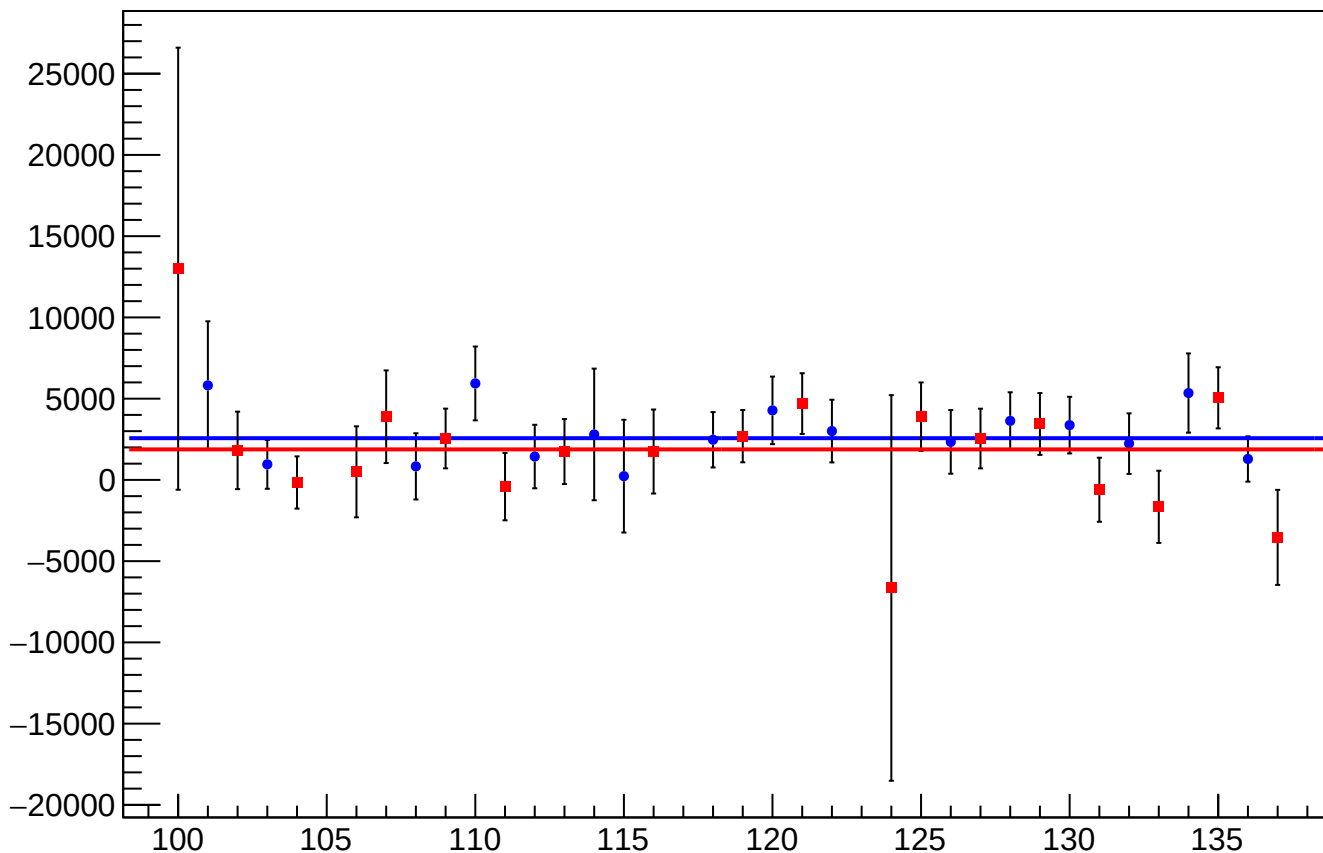
Right: 2700.678+/-0.569 χ^2/NDF : 6124259.3/34

In: 2816.784+/-0.836 χ^2/NDF :3007570.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2700.678+/-0.569 χ^2/NDF : 6124259.3/34

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2567.180+/-495.364 χ^2/NDF : 9.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1877.774+/-494.719 χ^2/NDF : 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

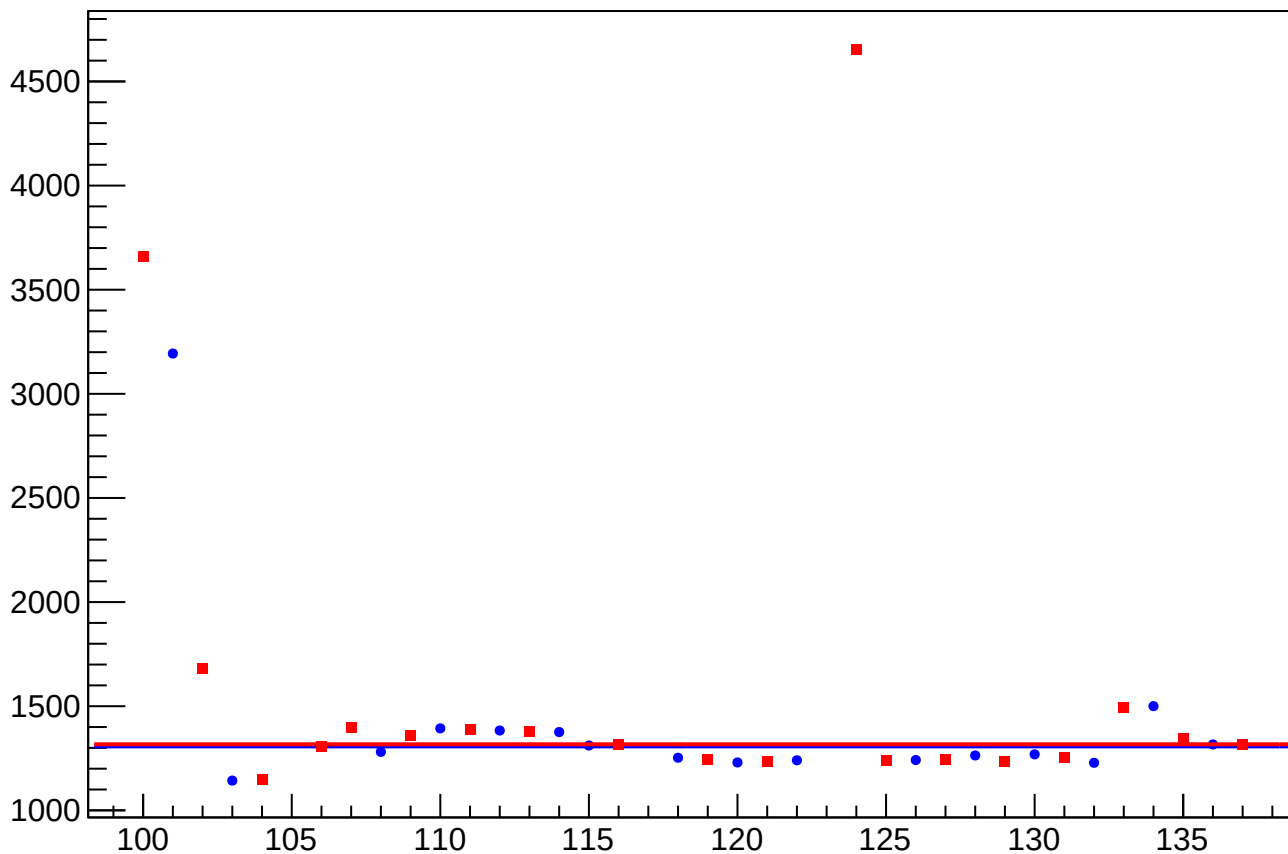
Right: 2222.028+/-350.047 χ^2/NDF : 29.6/34

In: 2567.180+/-495.364 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2222.028+/-350.047 χ^2/NDF : 29.6/34

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1317.128+/-0.349 χ^2/NDF : 325926.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

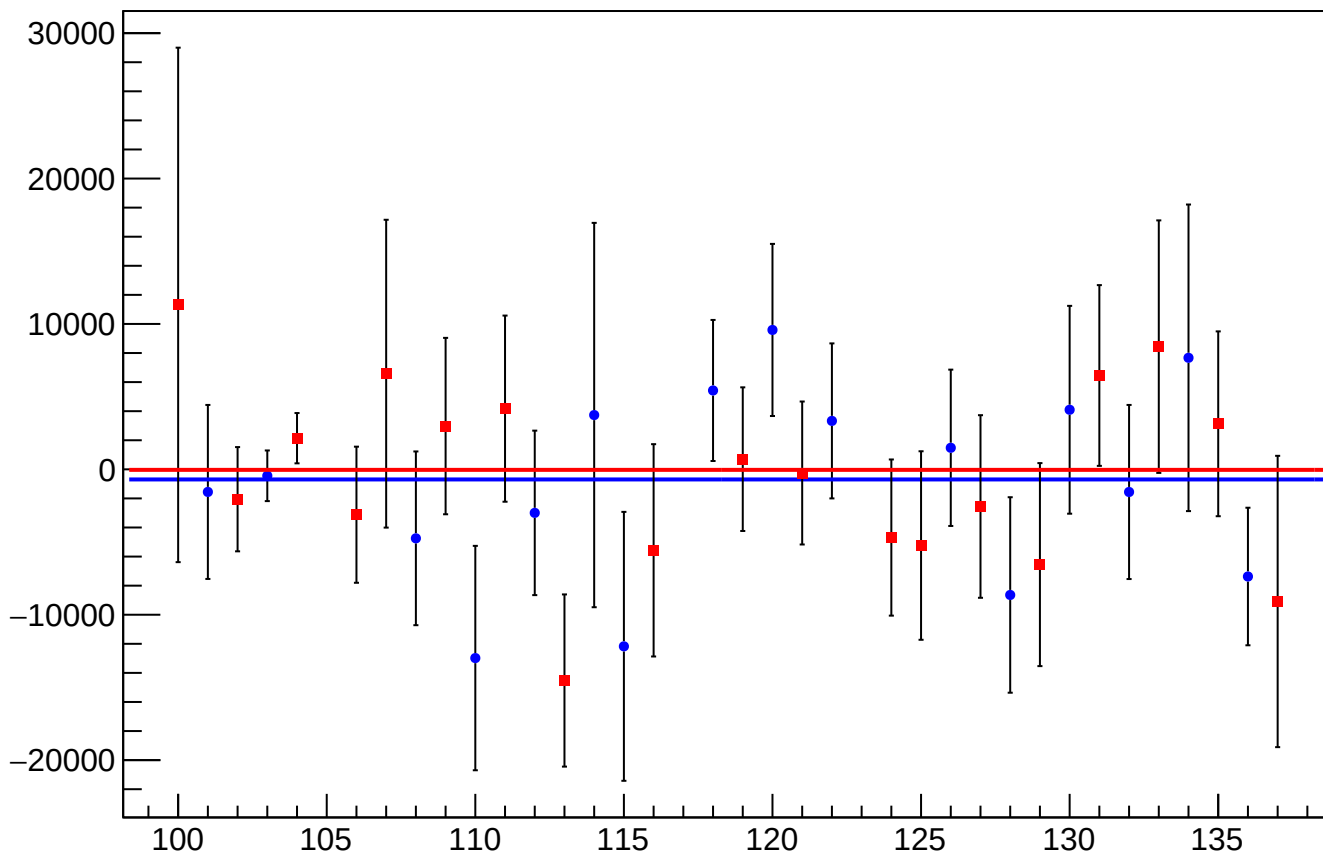
Right: 1312.114+/-0.247 χ^2/NDF : 842591.1/34

In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.114+/-0.247 χ^2/NDF : 842591.1/34

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -36.115+/-1098.207 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

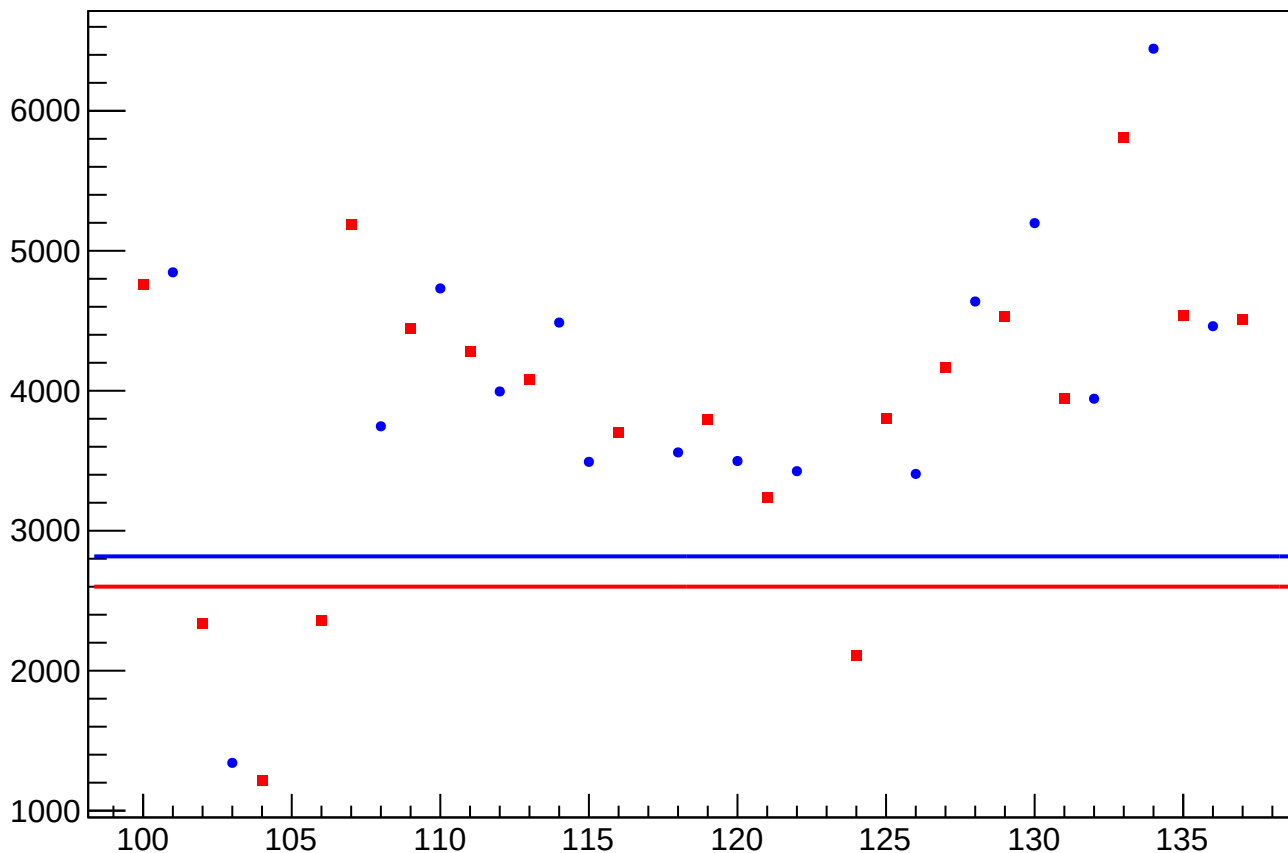
Right: -341.373+/-804.680 χ^2/NDF : 30.8/34

In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -341.373+/-804.680 χ^2/NDF : 30.8/34

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2816.784+/-0.836 χ^2/NDF : 3007570.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2600.524+/-0.777 χ^2/NDF : 3080771.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

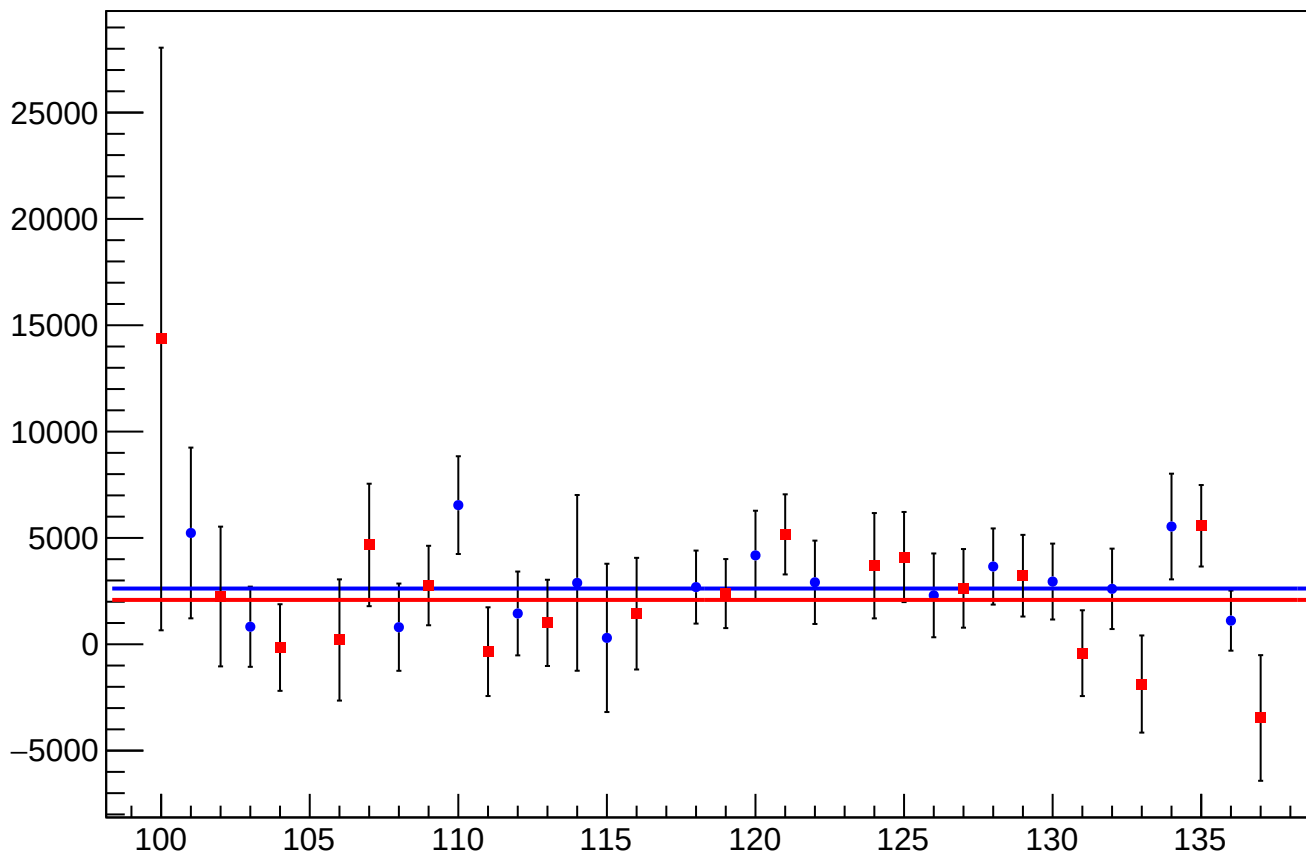
Right: 2700.678+/-0.569 χ^2/NDF : 6124259.3/34

In: 2816.784+/-0.836 χ^2/NDF :3007570.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2700.678+/-0.569 χ^2/NDF : 6124259.3/34

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2620.535 $\pm$ 511.510 χ^2 /NDF: 9.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2085.606 $\pm$ 504.873 χ^2 /NDF: 20.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

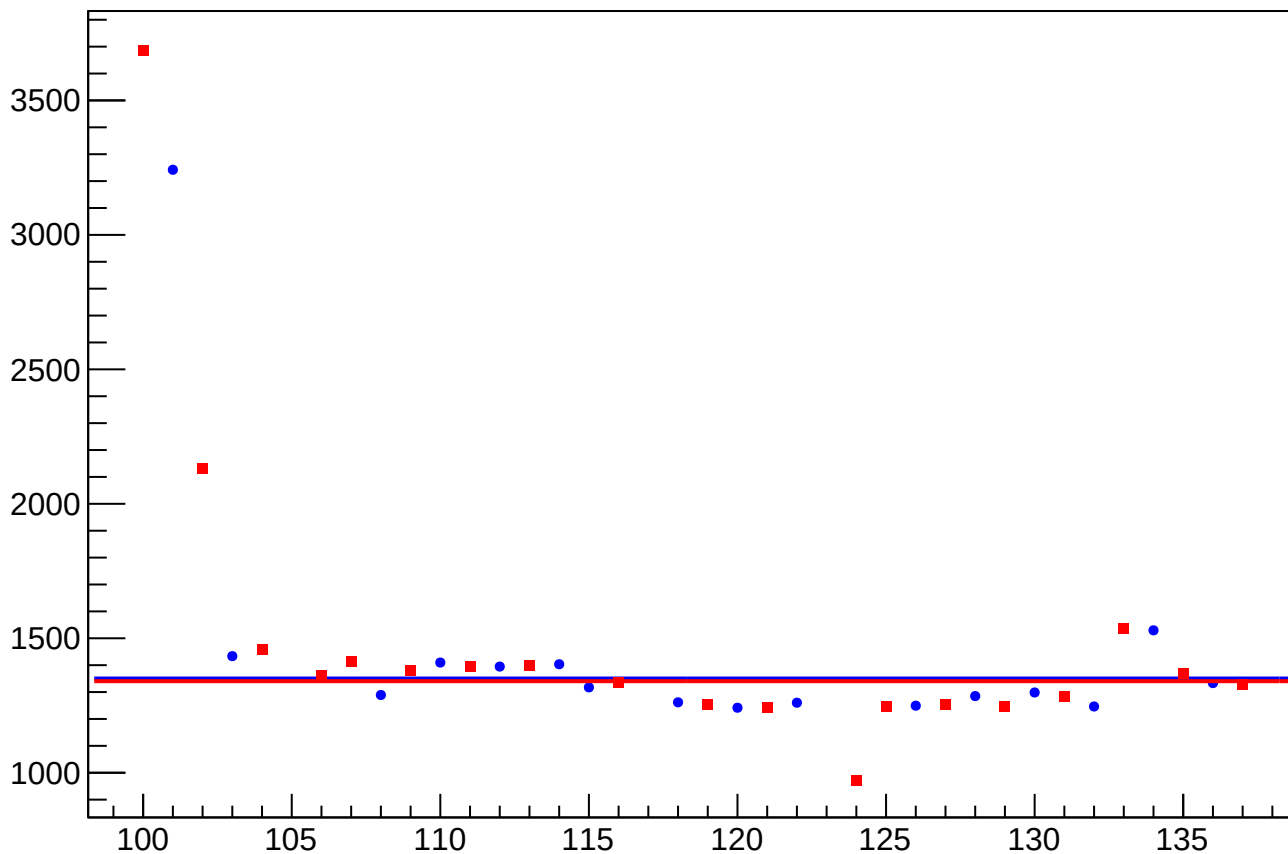
Right: 2349.577 $\pm$ 359.323 χ^2 /NDF: 30.8/34

In: 2620.535 $\pm$ 511.510 χ^2 /NDF:9.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2349.577 $\pm$ 359.323 χ^2 /NDF: 30.8/34

dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1350.369+/-0.362 χ^2/NDF : 494051.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.429+/-0.357 χ^2/NDF : 272183.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

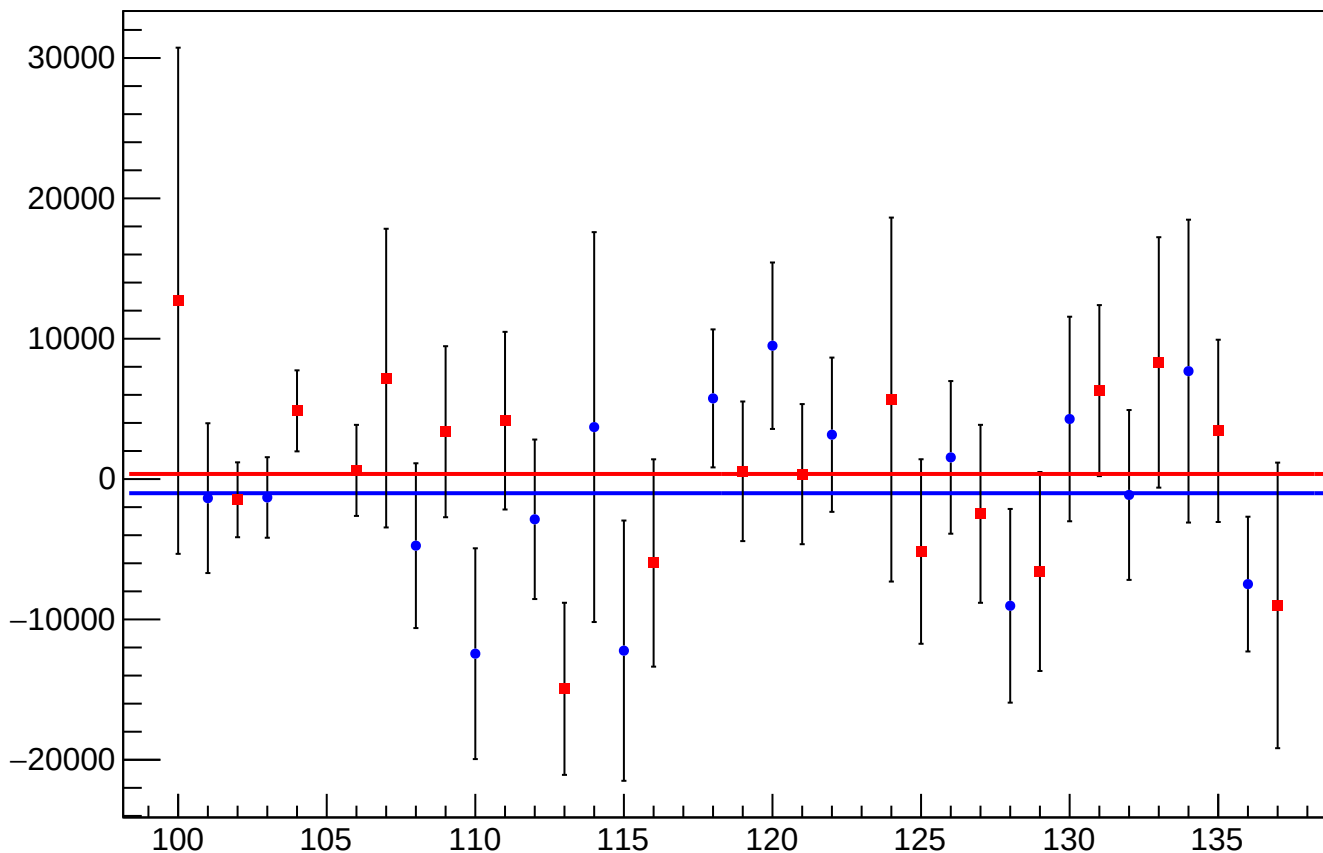
Right: 1345.331+/-0.254 χ^2/NDF : 766617.4/34

In: 1350.369+/-0.362 χ^2/NDF : 494051.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.331+/-0.254 χ^2/NDF : 766617.4/34

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1006.752+/-1404.458 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.493+/-1202.498 χ^2/NDF : 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

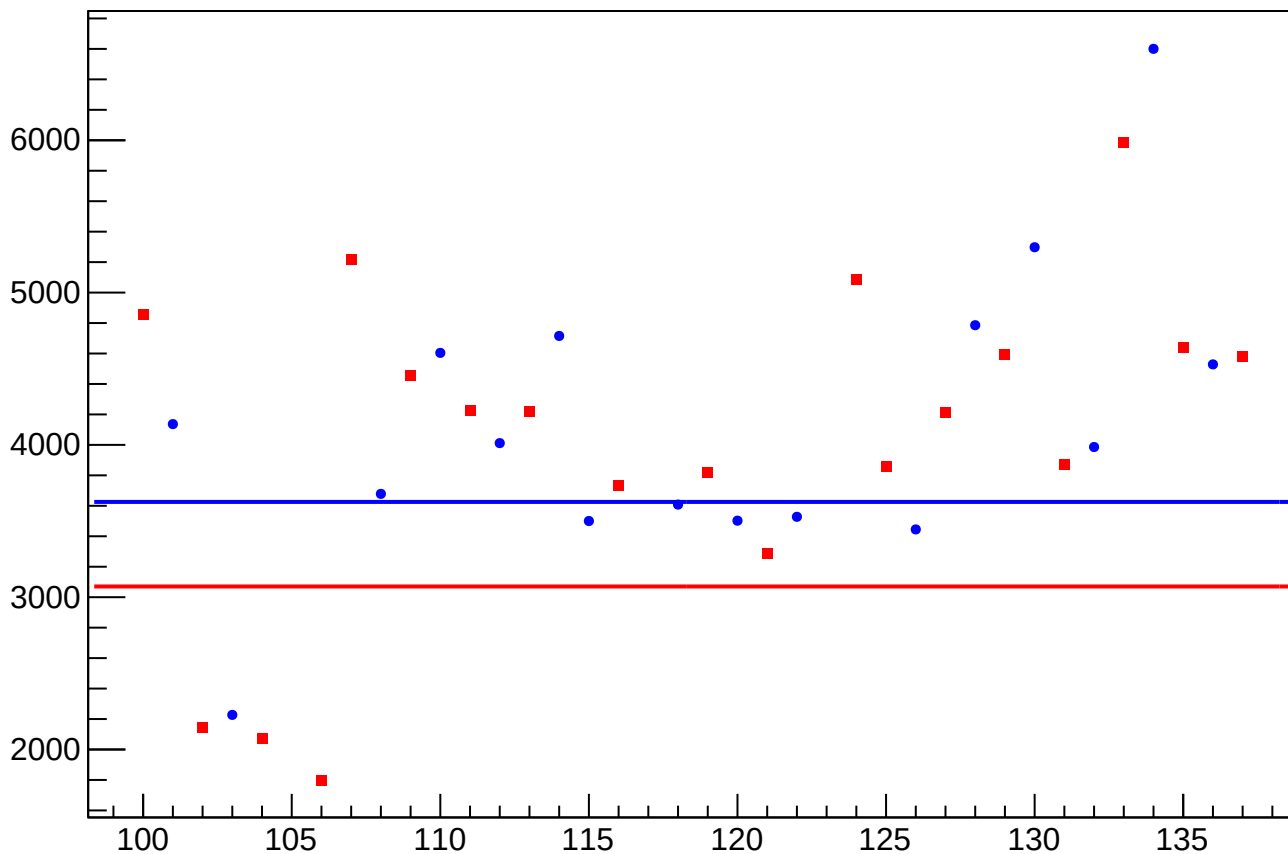
Right: -215.533+/-913.430 χ^2/NDF : 31.4/34

In: -1006.752+/-1404.458 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.533+/-913.430 χ^2/NDF : 31.4/34

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3625.512+/-0.993 χ^2/NDF : 944905.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3070.442+/-0.850 χ^2/NDF : 1838659.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

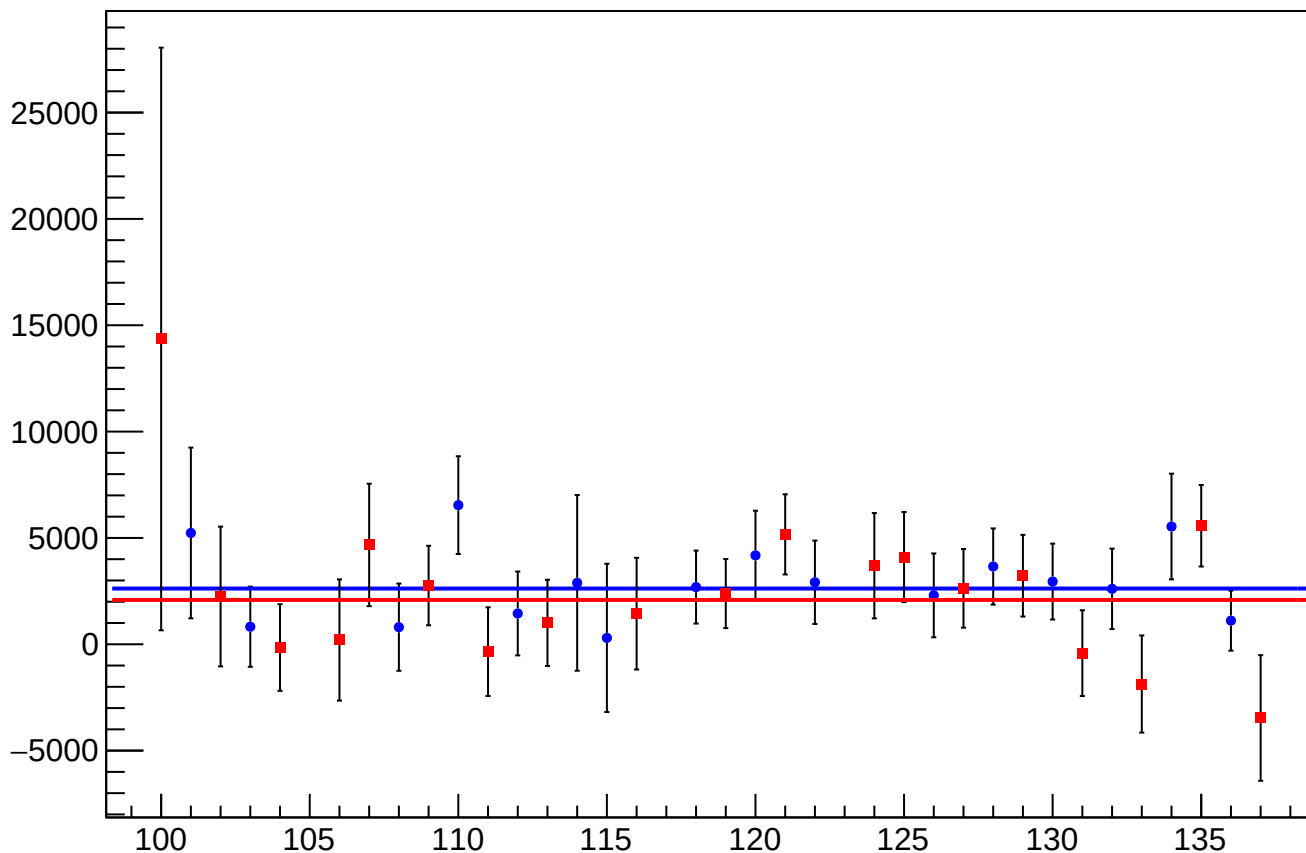
Right: 3305.233+/-0.646 χ^2/NDF : 2963820.1/34

In: 3625.512+/-0.993 χ^2/NDF :944905.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3305.233+/-0.646 χ^2/NDF : 2963820.1/34

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2620.535 $\pm$ 511.510 χ^2 /NDF: 9.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2085.608 $\pm$ 504.873 χ^2 /NDF: 20.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

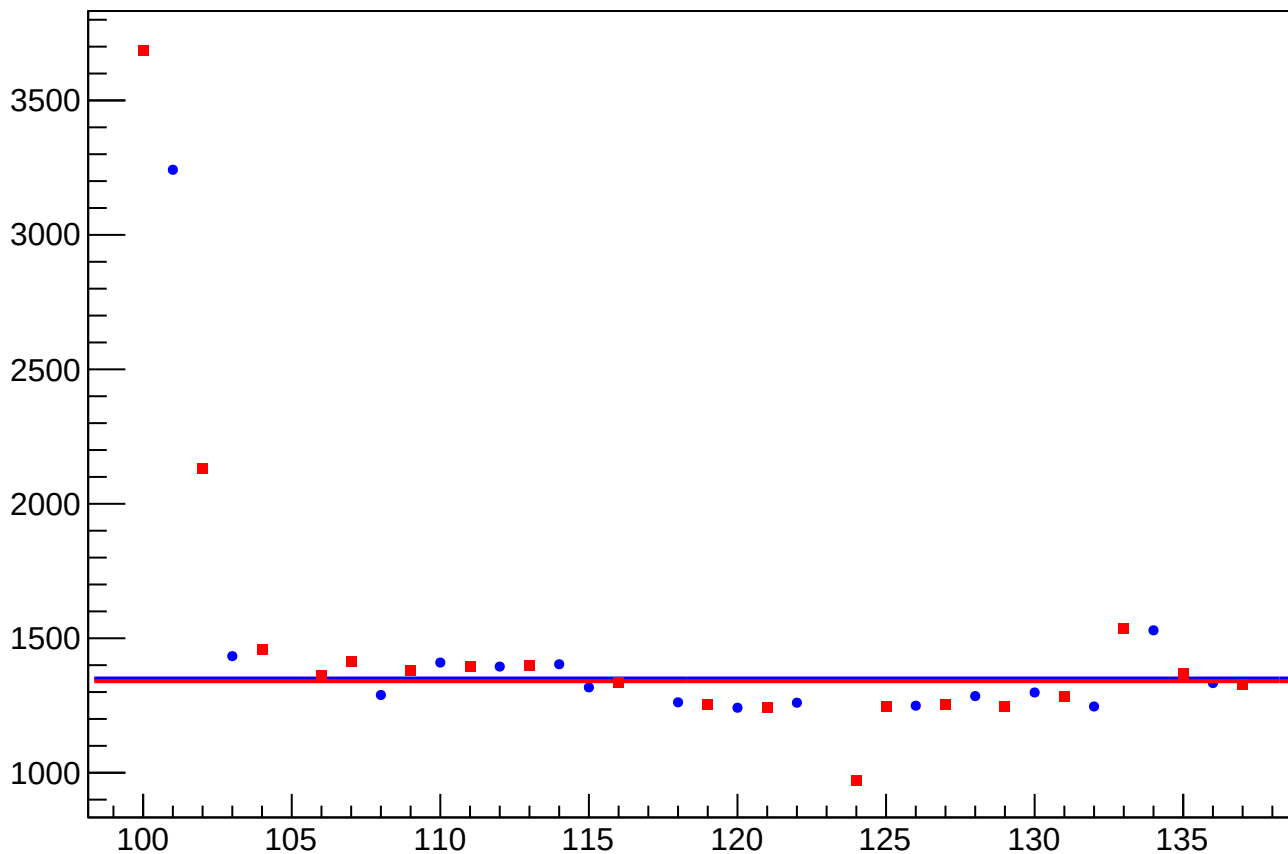
Right: 2349.579 $\pm$ 359.323 χ^2 /NDF: 30.8/34

In: 2620.535 $\pm$ 511.510 χ^2 /NDF:9.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2349.579 $\pm$ 359.323 χ^2 /NDF: 30.8/34

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1350.369+/-0.362 χ^2/NDF : 494051.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.428+/-0.357 χ^2/NDF : 272182.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

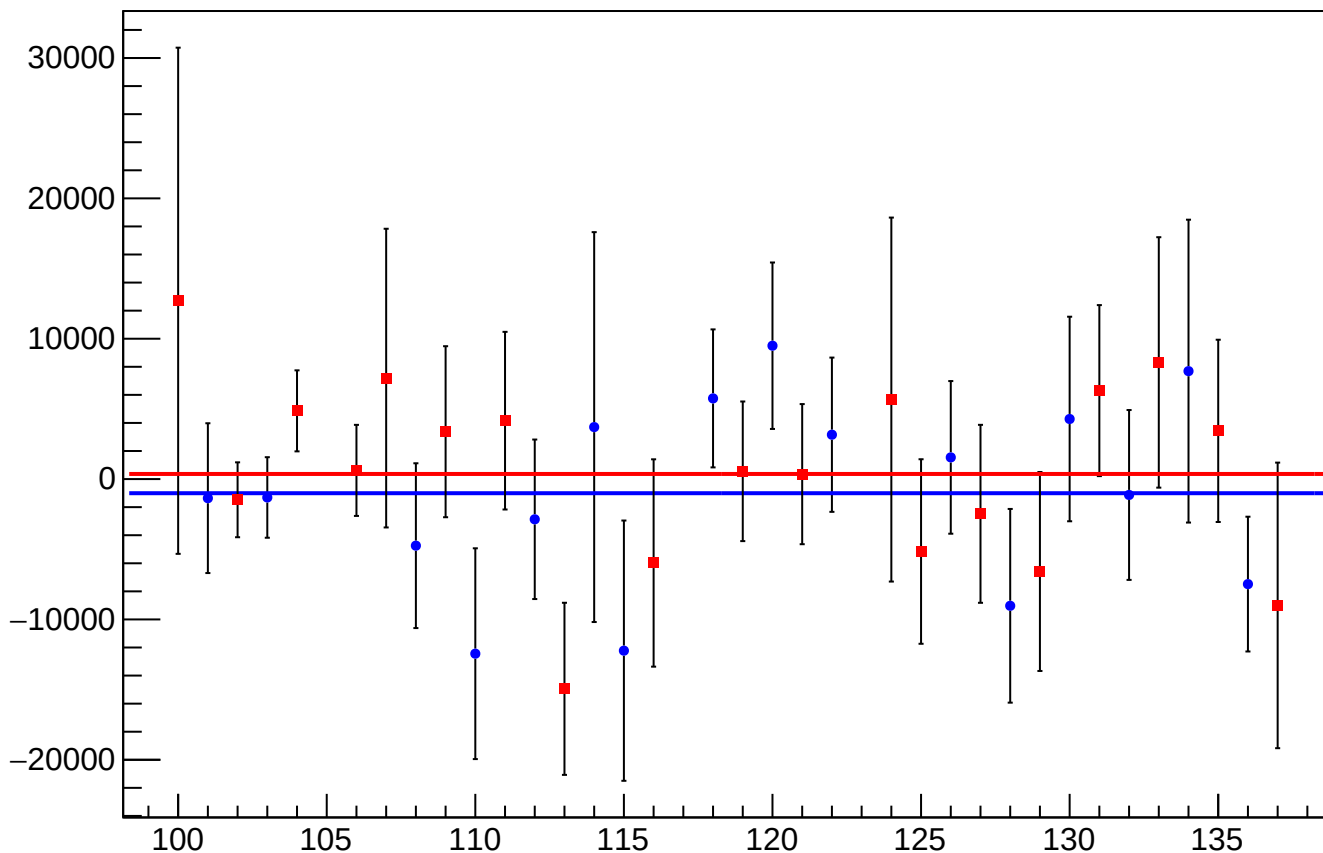
Right: 1345.330+/-0.254 χ^2/NDF : 766616.6/34

In: 1350.369+/-0.362 χ^2/NDF : 494051.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.330+/-0.254 χ^2/NDF : 766616.6/34

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1006.742+/-1404.455 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 364.495+/-1202.495 χ^2/NDF : 16.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

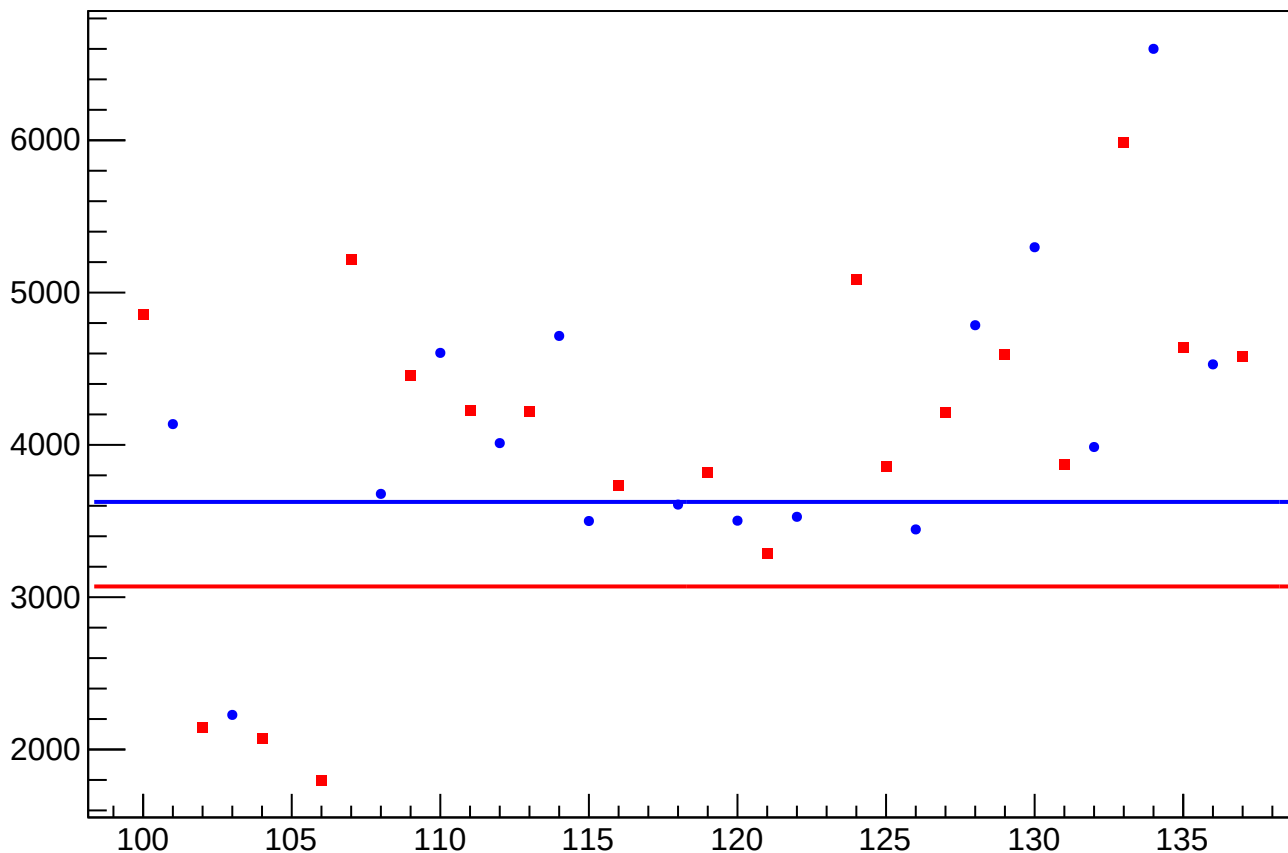
Right: -215.528+/-913.428 χ^2/NDF : 31.4/34

In: -1006.742+/-1404.455 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.528+/-913.428 χ^2/NDF : 31.4/34

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3625.503+/-0.993 χ^2/NDF : 944907.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3070.434+/-0.850 χ^2/NDF : 183862.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

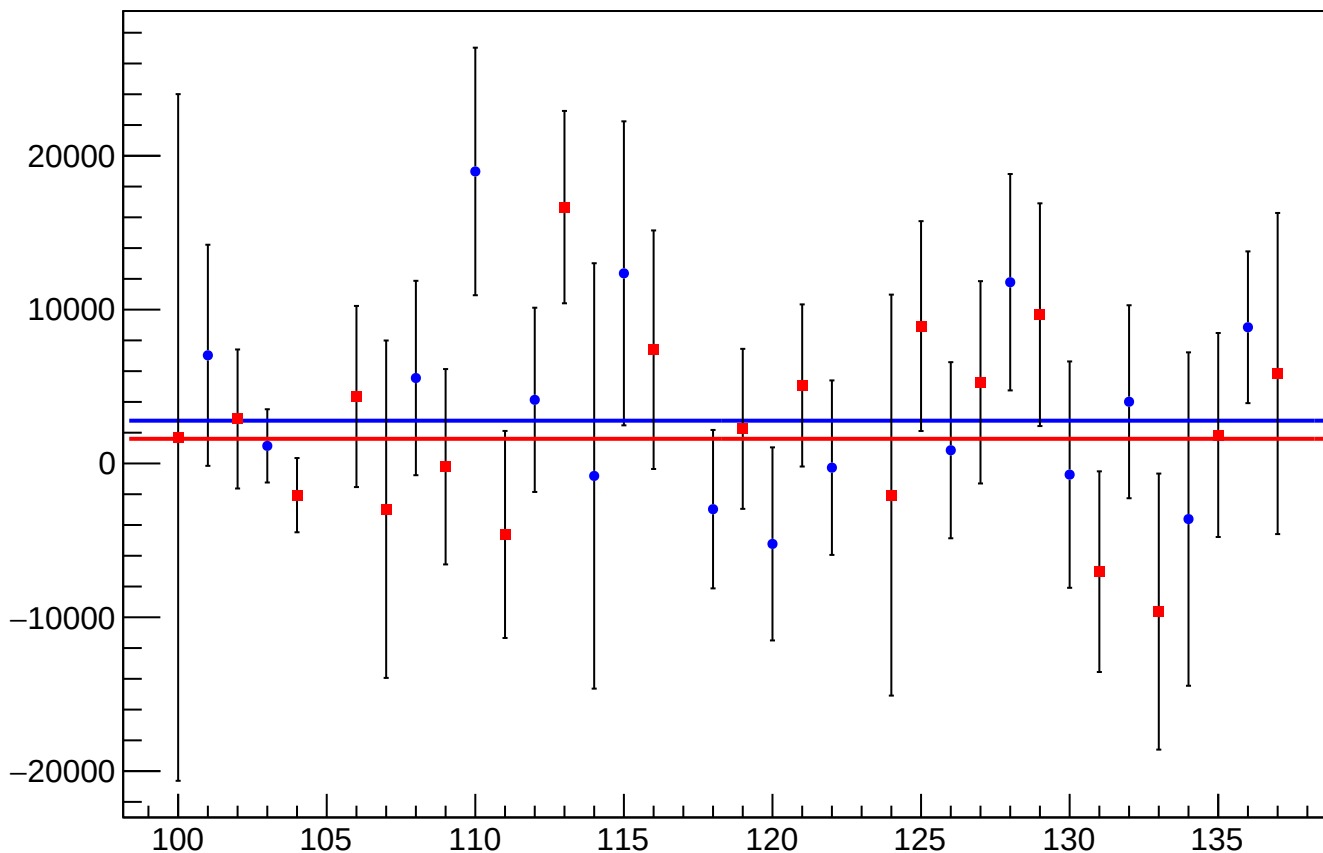
Right: 3305.224+/-0.646 χ^2/NDF : 2963825.9/34

In: 3625.503+/-0.993 χ^2/NDF :944907.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3305.224+/-0.646 χ^2/NDF : 2963825.9/34

asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2780.878+/-1389.439 χ^2/NDF : 13.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1602.626+/-1337.018 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

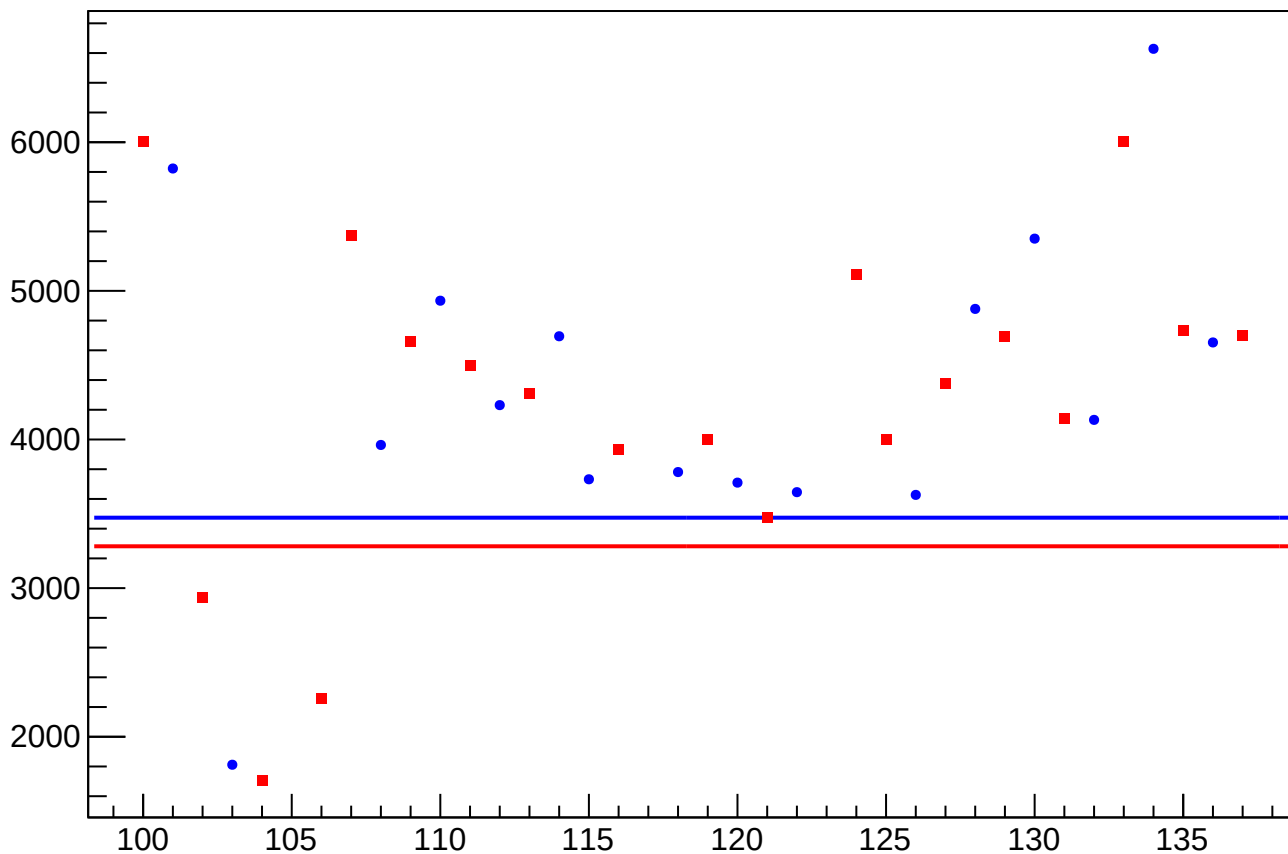
Right: 2169.106+/-963.414 χ^2/NDF : 30.3/34

In: 2780.878+/-1389.439 χ^2/NDF : 13.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2169.106+/-963.414 χ^2/NDF : 30.3/34

asym_atl_avg_atr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3473.898+/-0.982 χ^2/NDF : 1843964.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3281.478+/-0.932 χ^2/NDF : 1875493.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

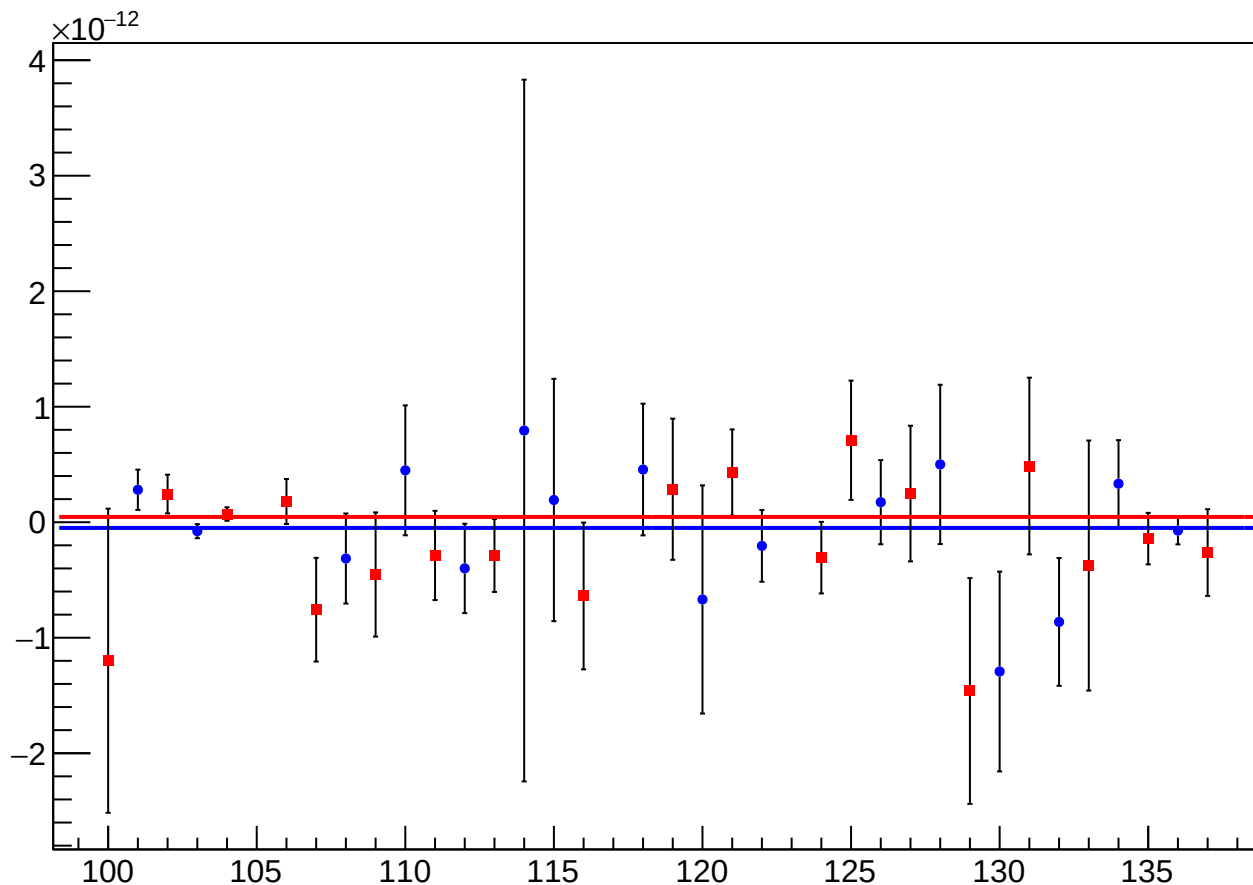
Right: 3372.669+/-0.676 χ^2/NDF : 3739637.8/34

In: 3473.898+/-0.982 χ^2/NDF : 1843964.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3372.669+/-0.676 χ^2/NDF : 3739637.8/34

asym_atl_avg_atr_avg_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

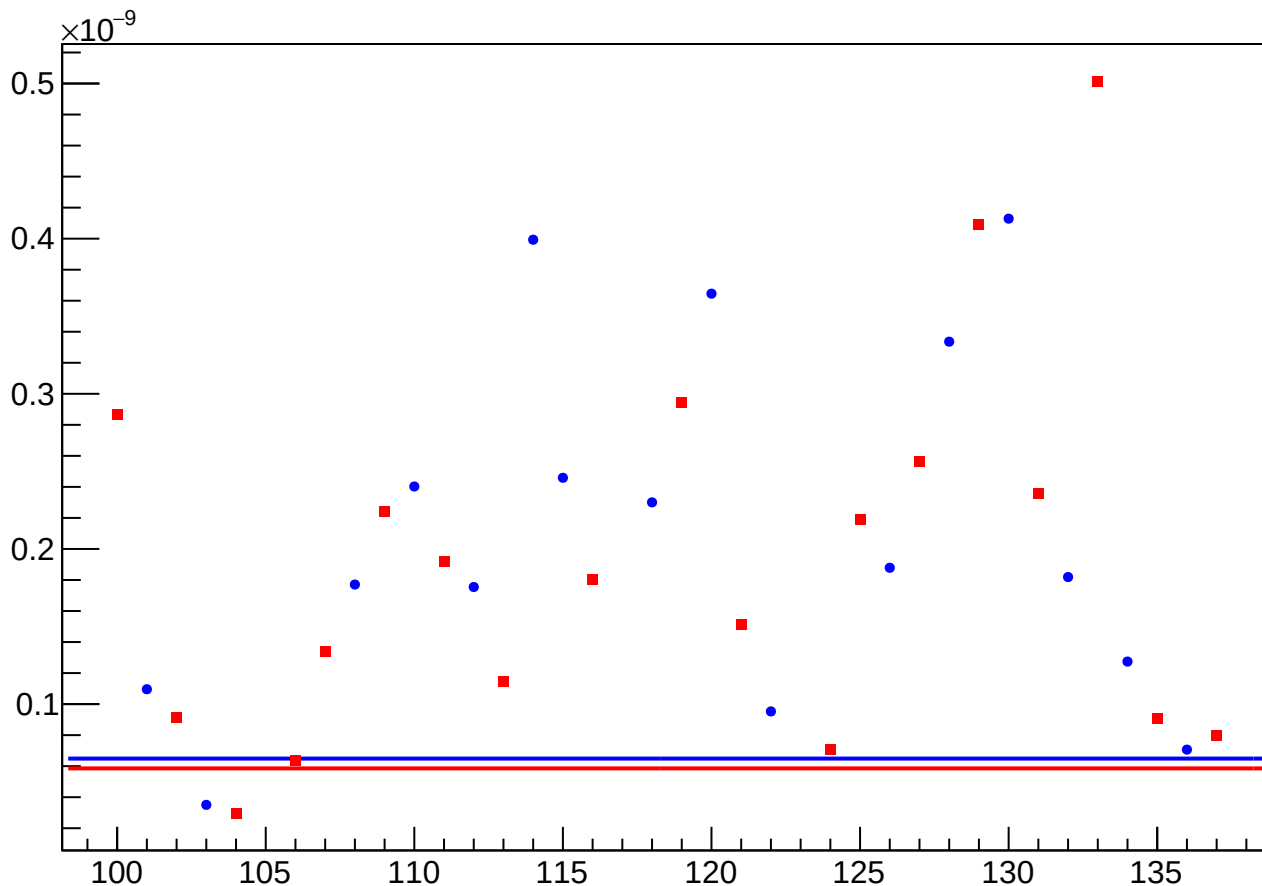
Right: -0.000+/-0.000 χ^2/NDF : 34.2/34

In: -0.000+/-0.000 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.2/34

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2592912.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2855105.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

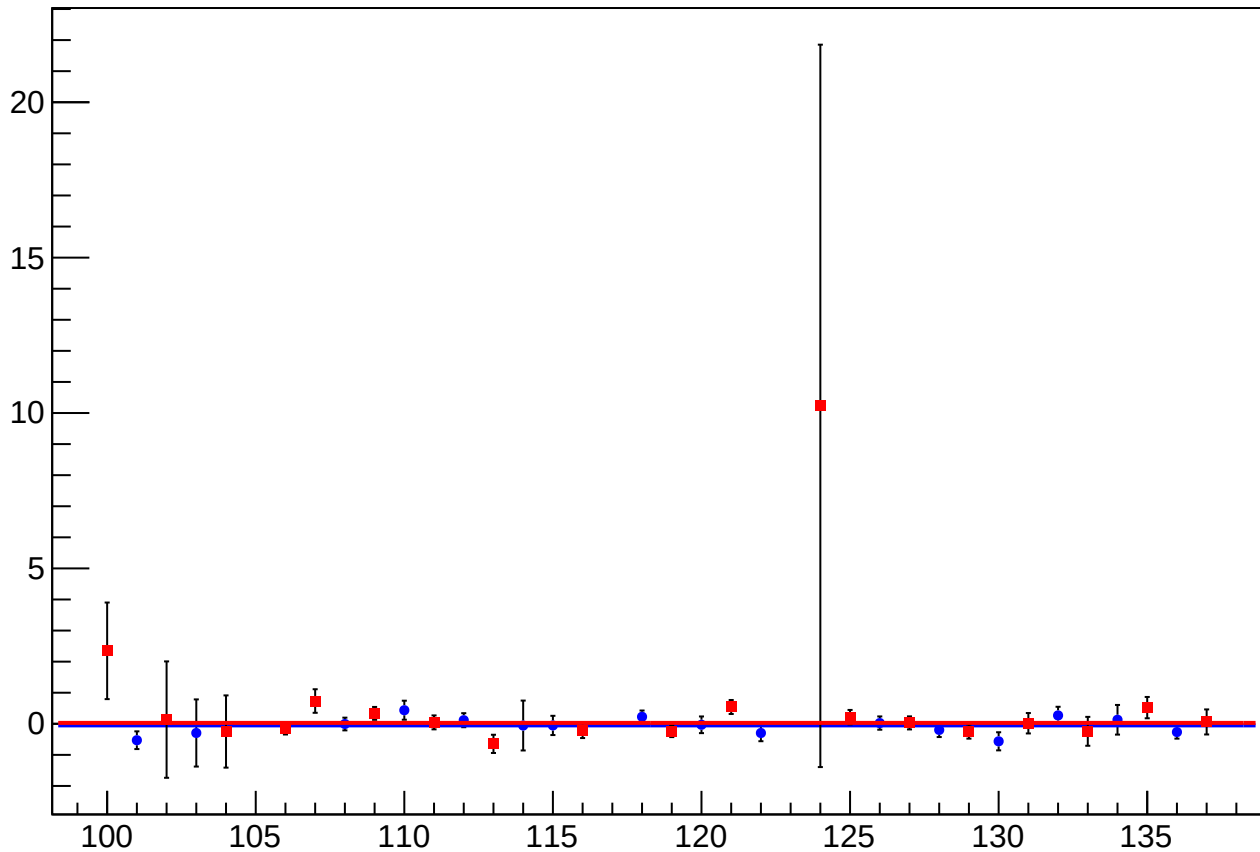
Right: 0.000+/-0.000 χ^2/NDF : 5465312.1/34

In: 0.000+/-0.000 χ^2/NDF : 2592912.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5465312.1/34

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.051 ± 0.067 $\chi^2/\text{NDF}: 14.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.029 ± 0.064 $\chi^2/\text{NDF}: 27.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

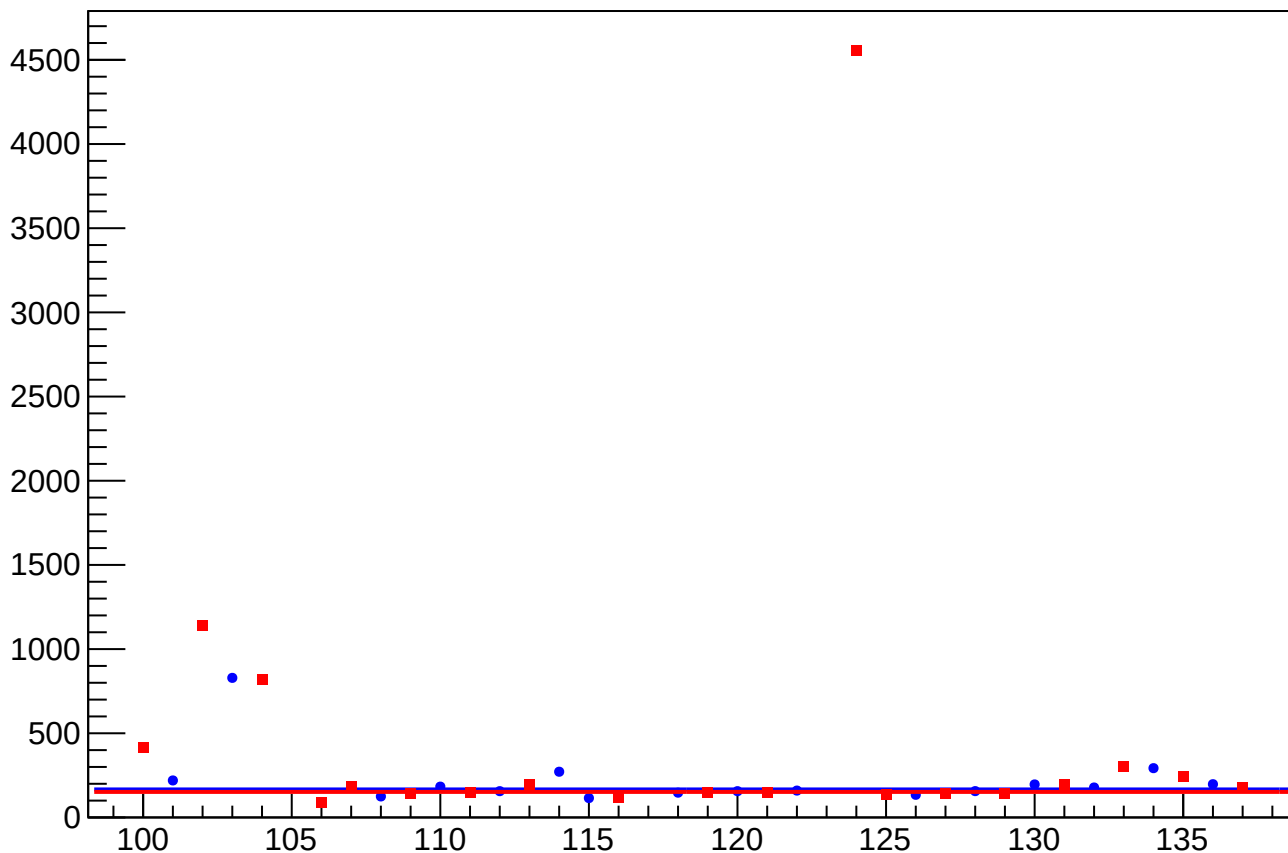
Right: -0.009 ± 0.046 $\chi^2/\text{NDF}: 43.2/34$

In: -0.051 ± 0.067 $\chi^2/\text{NDF}: 14.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.046 $\chi^2/\text{NDF}: 43.2/34$

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.791+/-0.045 χ^2/NDF : 2315638.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

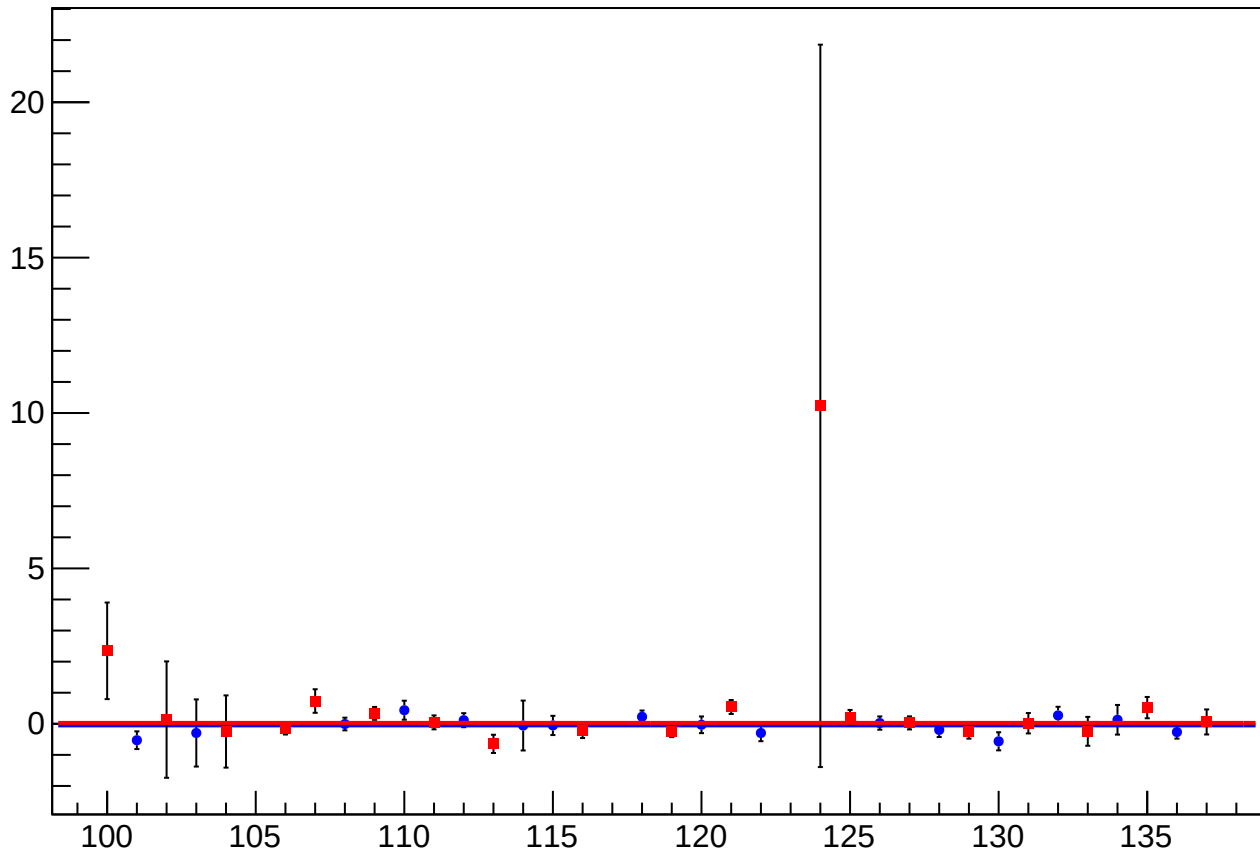
Right: 158.774+/-0.033 χ^2/NDF : 3648009.6/34

In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.774+/-0.033 χ^2/NDF : 3648009.6/34

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.051 ± 0.067 $\chi^2/\text{NDF}: 14.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.029 ± 0.064 $\chi^2/\text{NDF}: 27.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

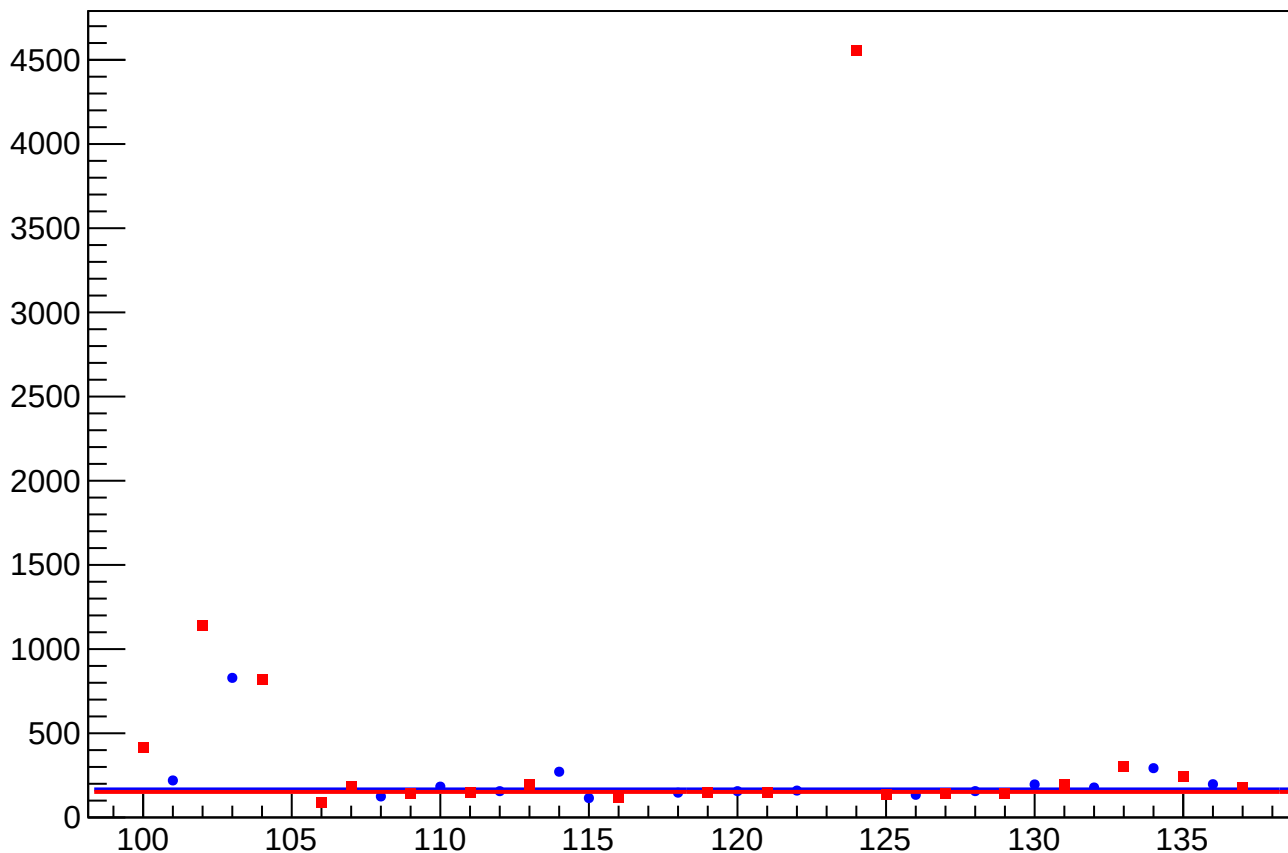
Right: -0.009 ± 0.046 $\chi^2/\text{NDF}: 43.2/34$

In: -0.051 ± 0.067 $\chi^2/\text{NDF}: 14.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.046 $\chi^2/\text{NDF}: 43.2/34$

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.791+/-0.045 χ^2/NDF : 2315638.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

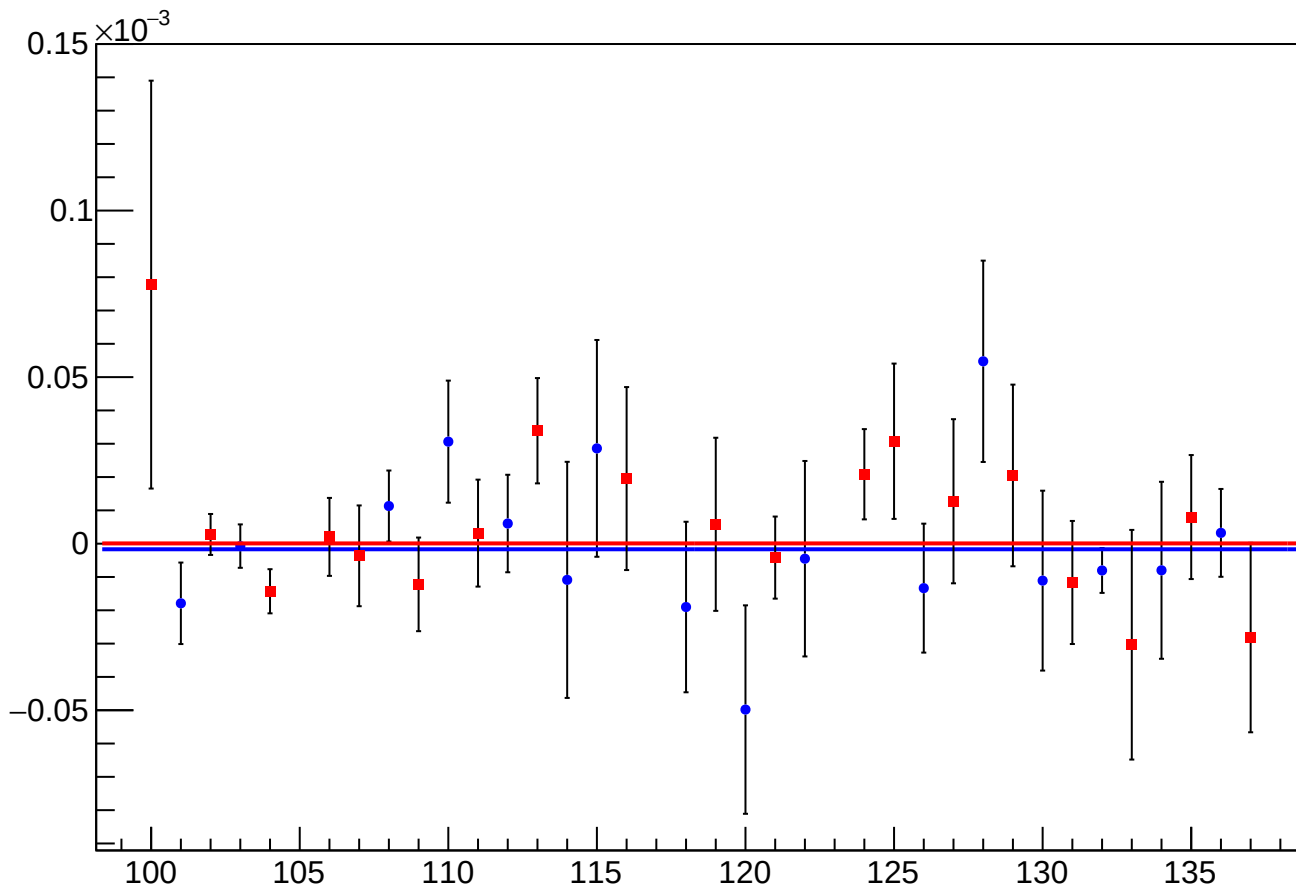
Right: 158.774+/-0.033 χ^2/NDF : 3648009.6/34

In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.774+/-0.033 χ^2/NDF : 3648009.6/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

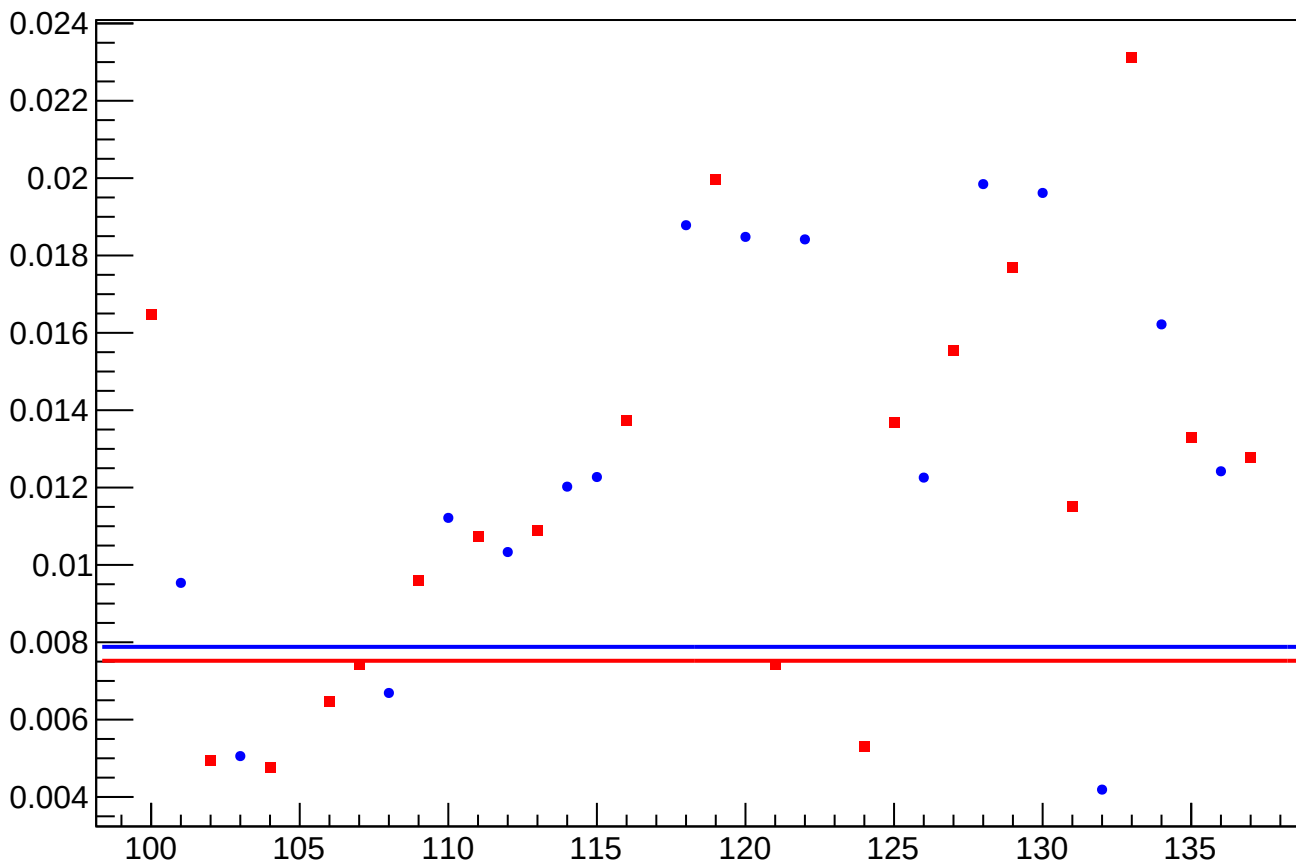
Right: -0.000+/-0.000 χ^2/NDF : 35.5/34

In: -0.000+/-0.000 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.5/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 3301734.3/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000

χ^2/NDF : 2975331.6/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.008+/-0.000

χ^2/NDF : 6289175.2/34

In: 0.008+/-0.000

χ^2/NDF : 3301734.3/15

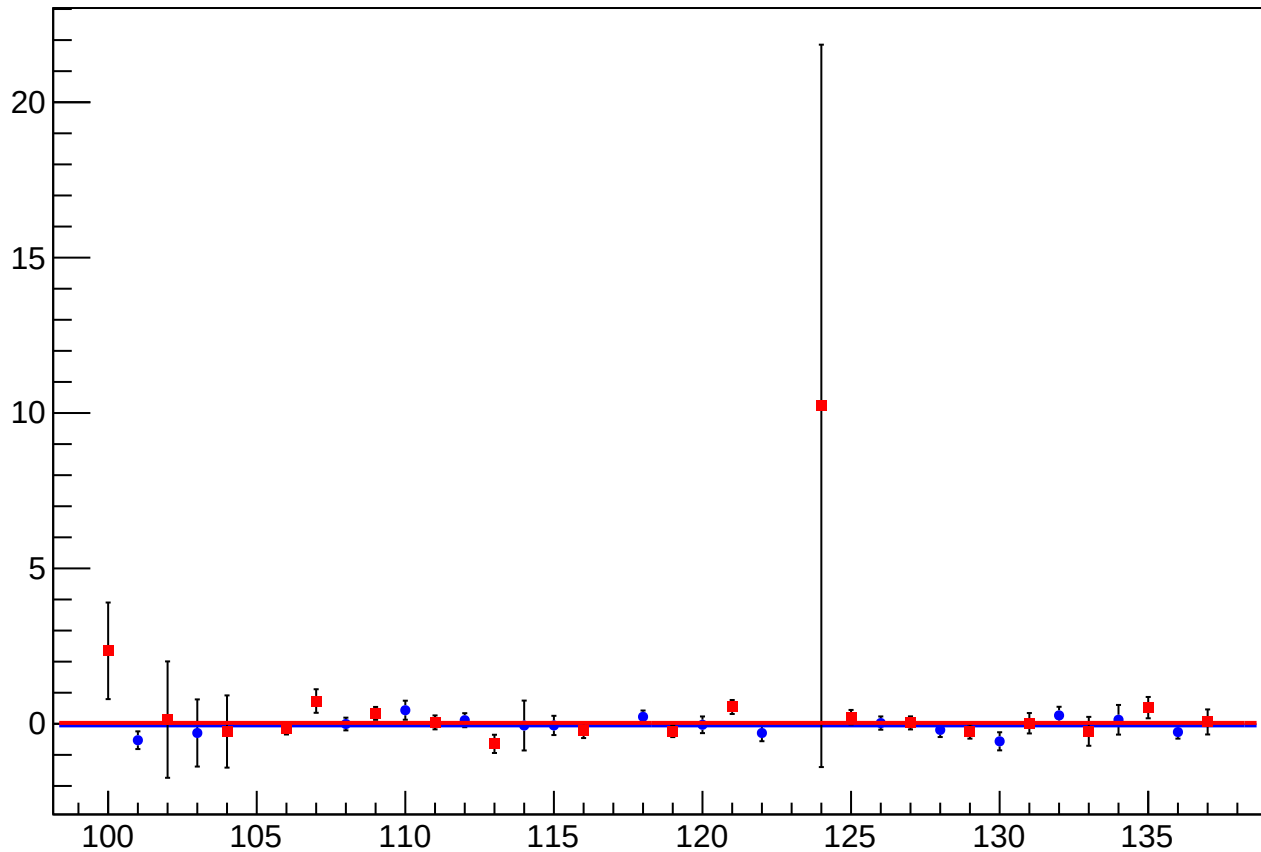
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.008+/-0.000

χ^2/NDF : 6289175.2/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.029 ± 0.064 χ^2/NDF : 27.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

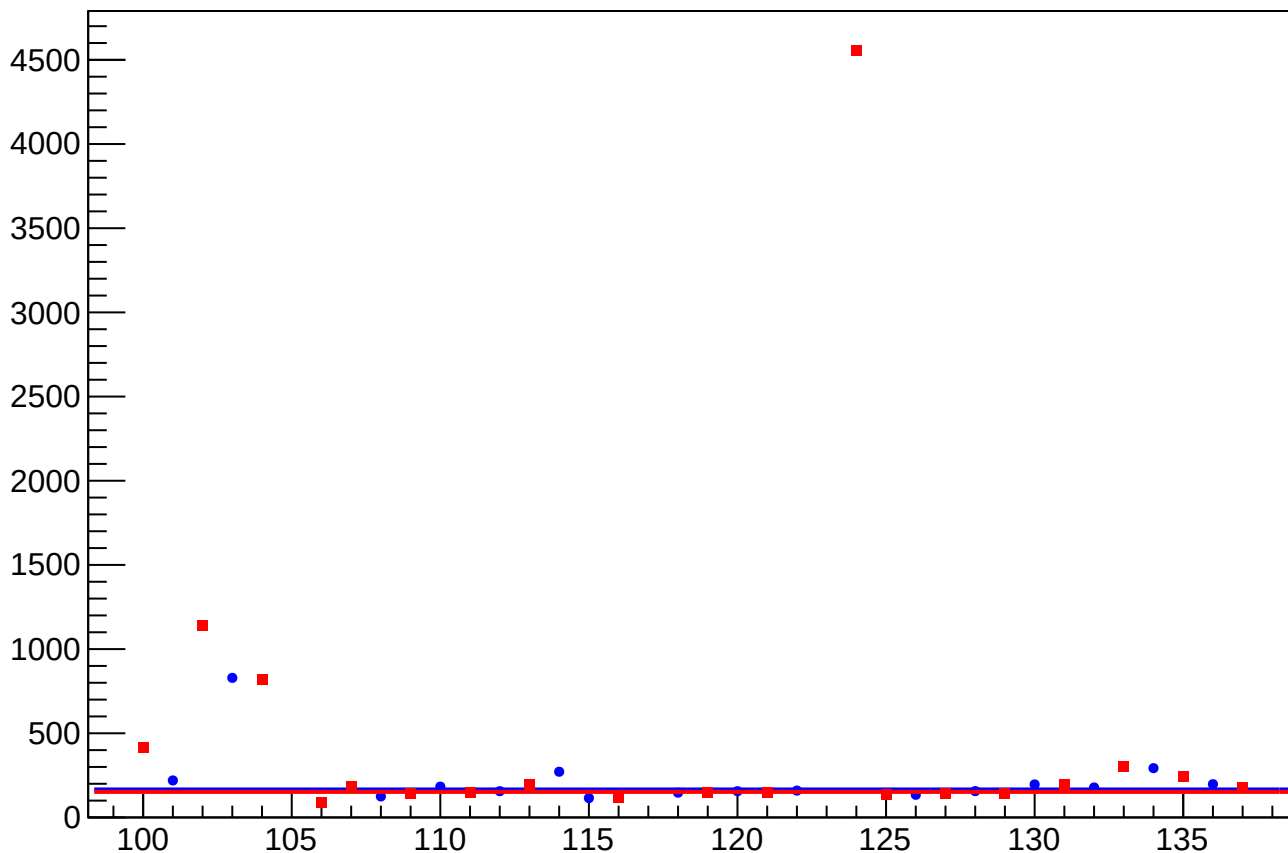
Right: -0.009 ± 0.046 χ^2/NDF : 43.2/34

In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.046 χ^2/NDF : 43.2/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.790+/-0.045 χ^2/NDF : 2315641.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

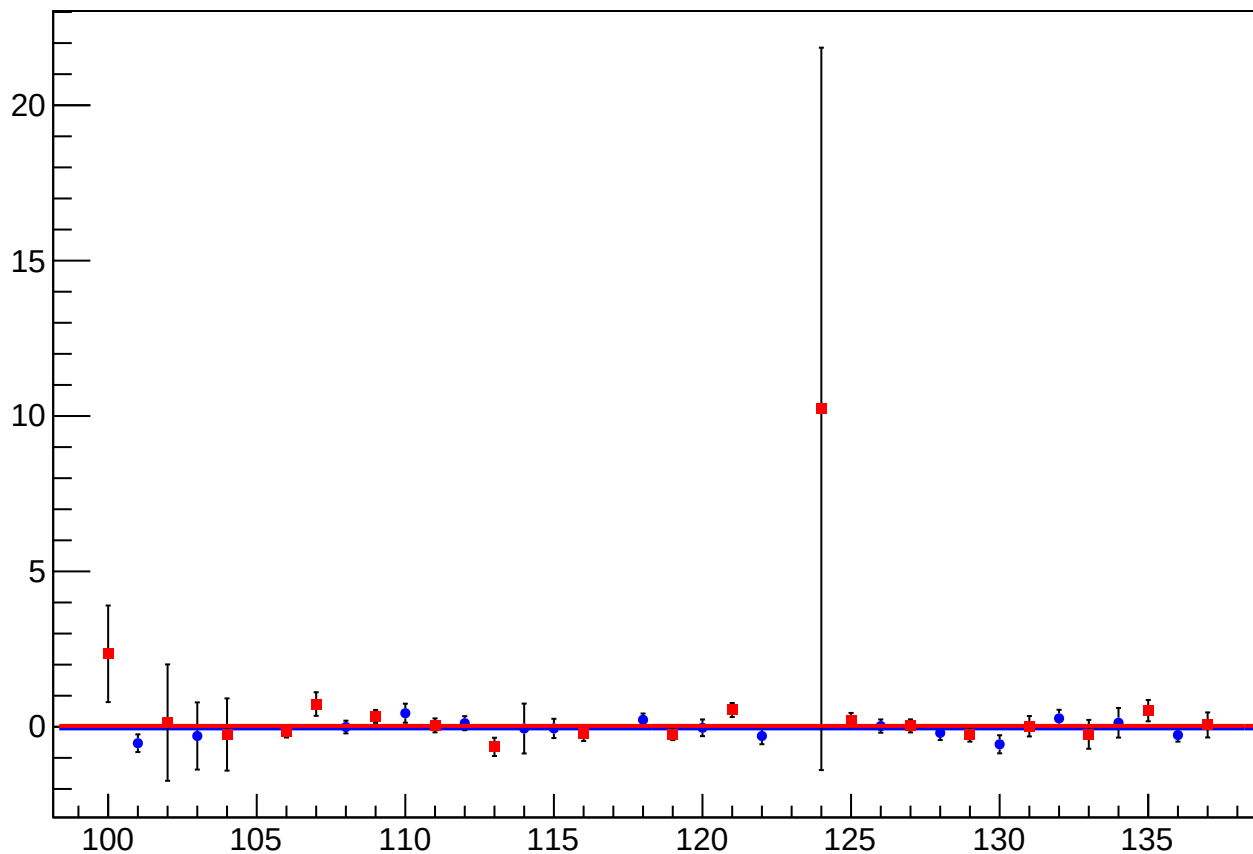
Right: 158.773+/-0.033 χ^2/NDF : 3648012.6/34

In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.773+/-0.033 χ^2/NDF : 3648012.6/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.029 ± 0.064 χ^2/NDF : 27.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

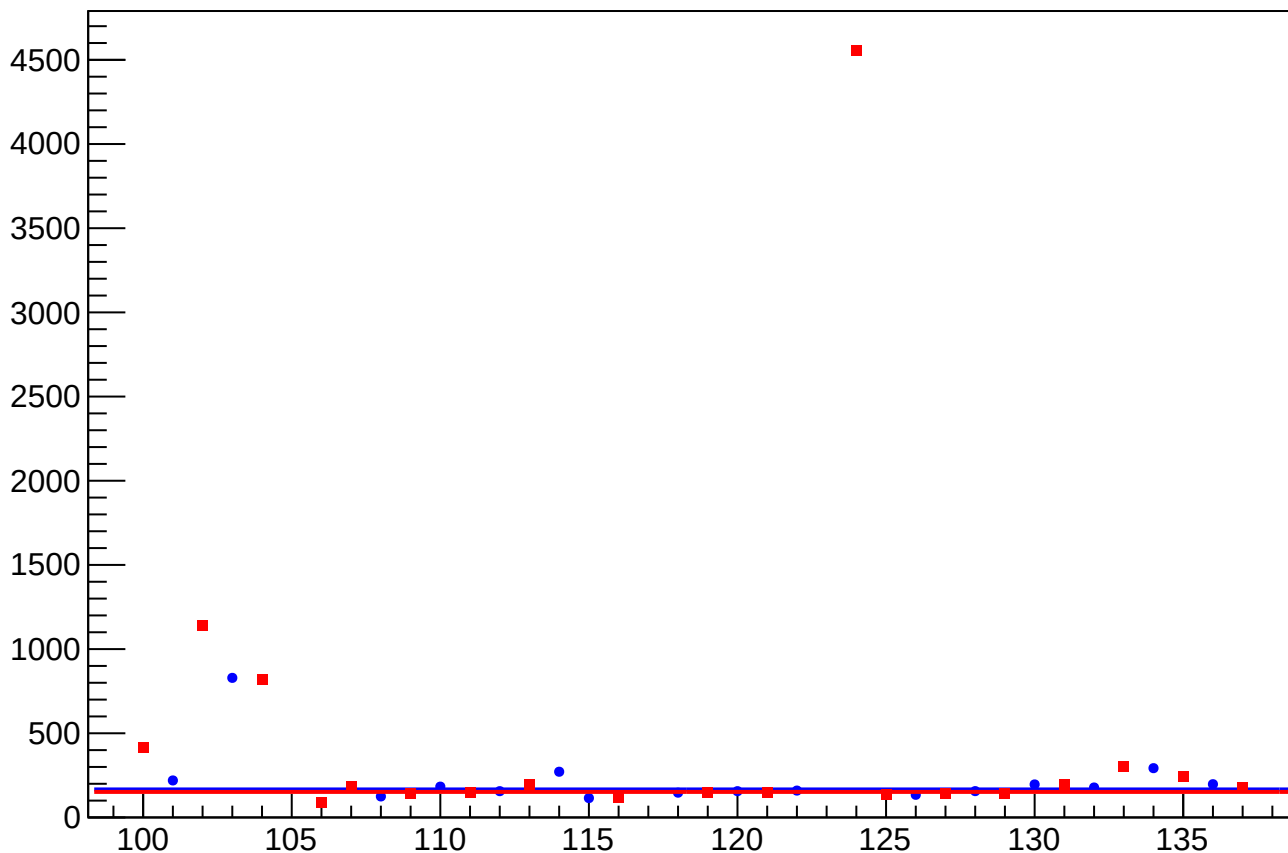
Right: -0.009 ± 0.046 χ^2/NDF : 43.2/34

In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.046 χ^2/NDF : 43.2/34

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.790+/-0.045 χ^2/NDF : 2315641.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

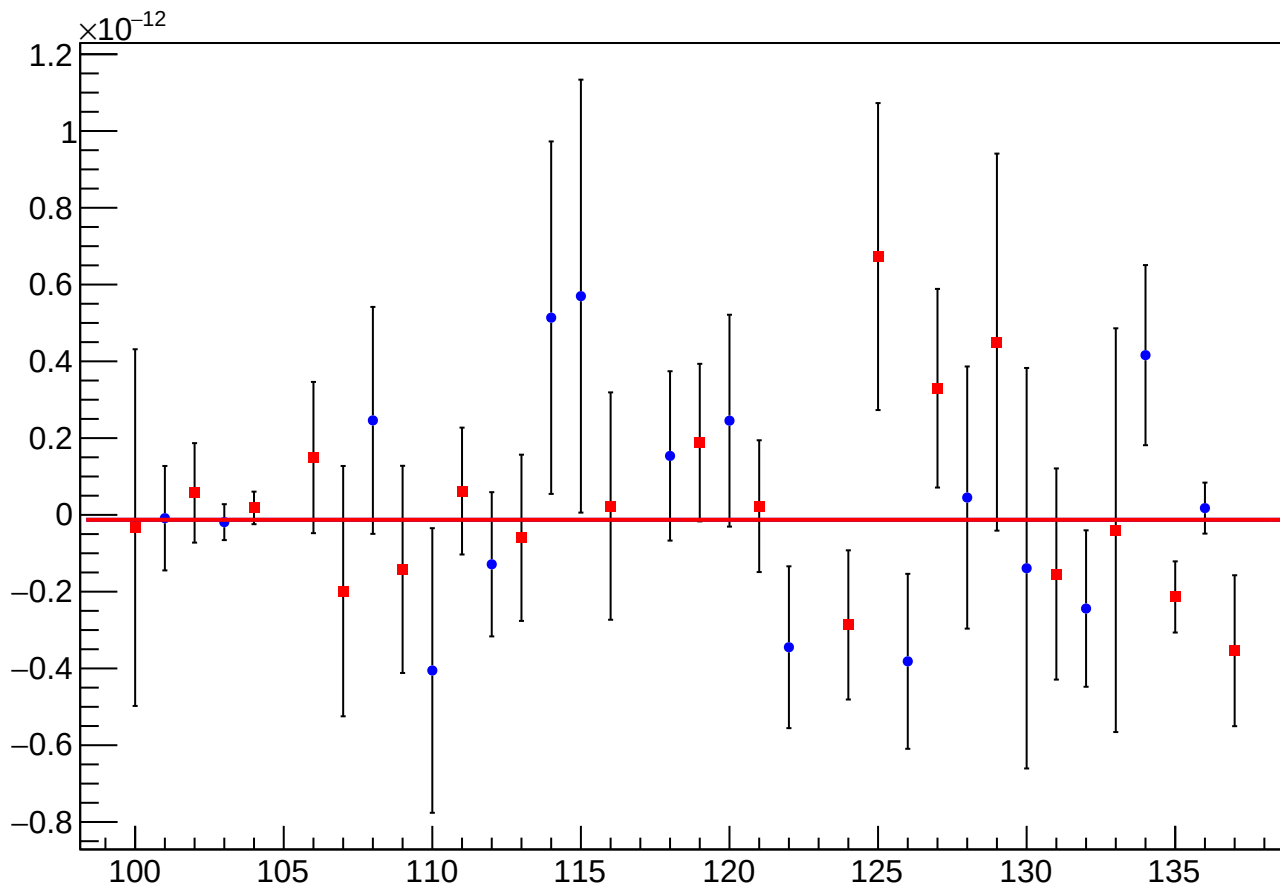
Right: 158.773+/-0.033 χ^2/NDF : 3648012.6/34

In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.773+/-0.033 χ^2/NDF : 3648012.6/34

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

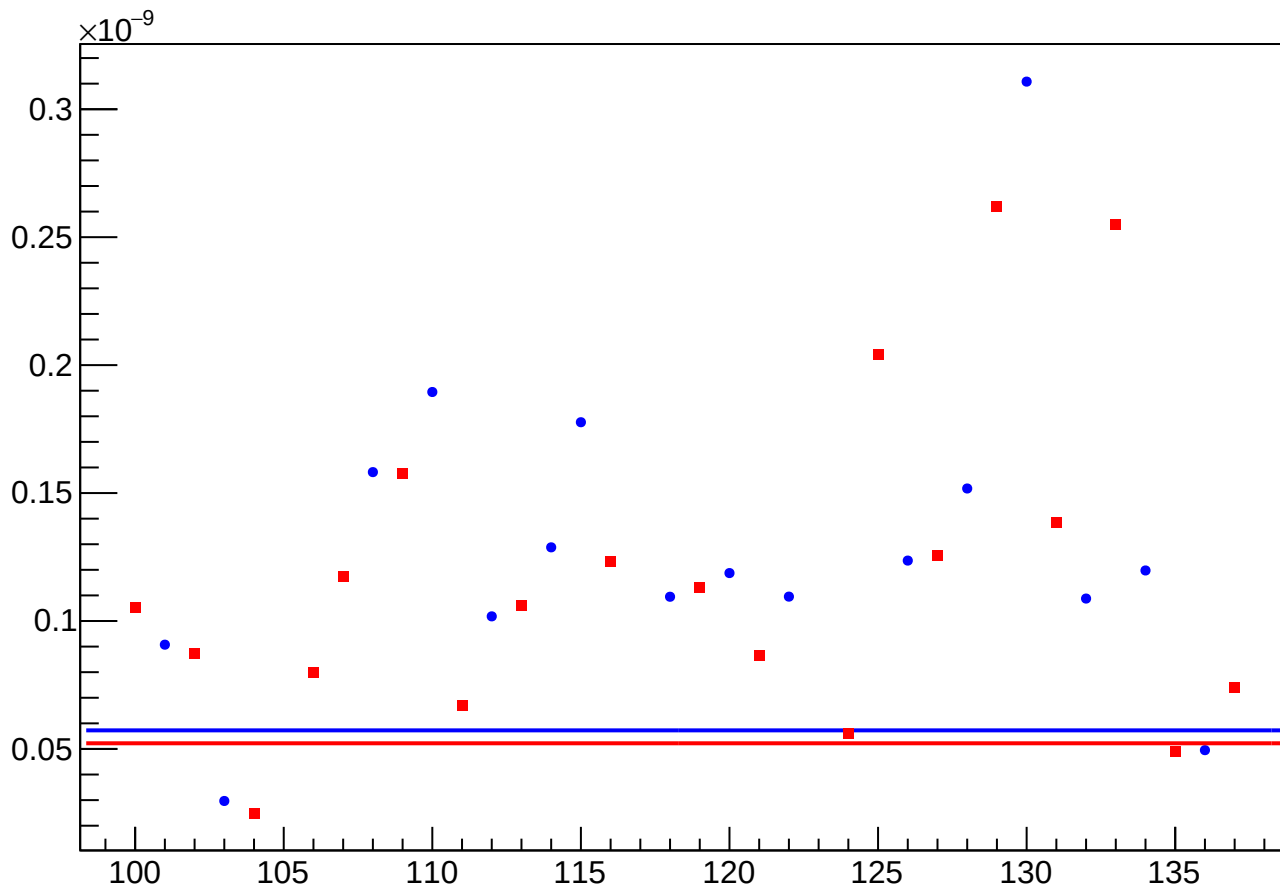
Right: -0.000+/-0.000 χ^2/NDF : 35.0/34

In: -0.000+/-0.000 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 35.0/34

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2983121.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3287828.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

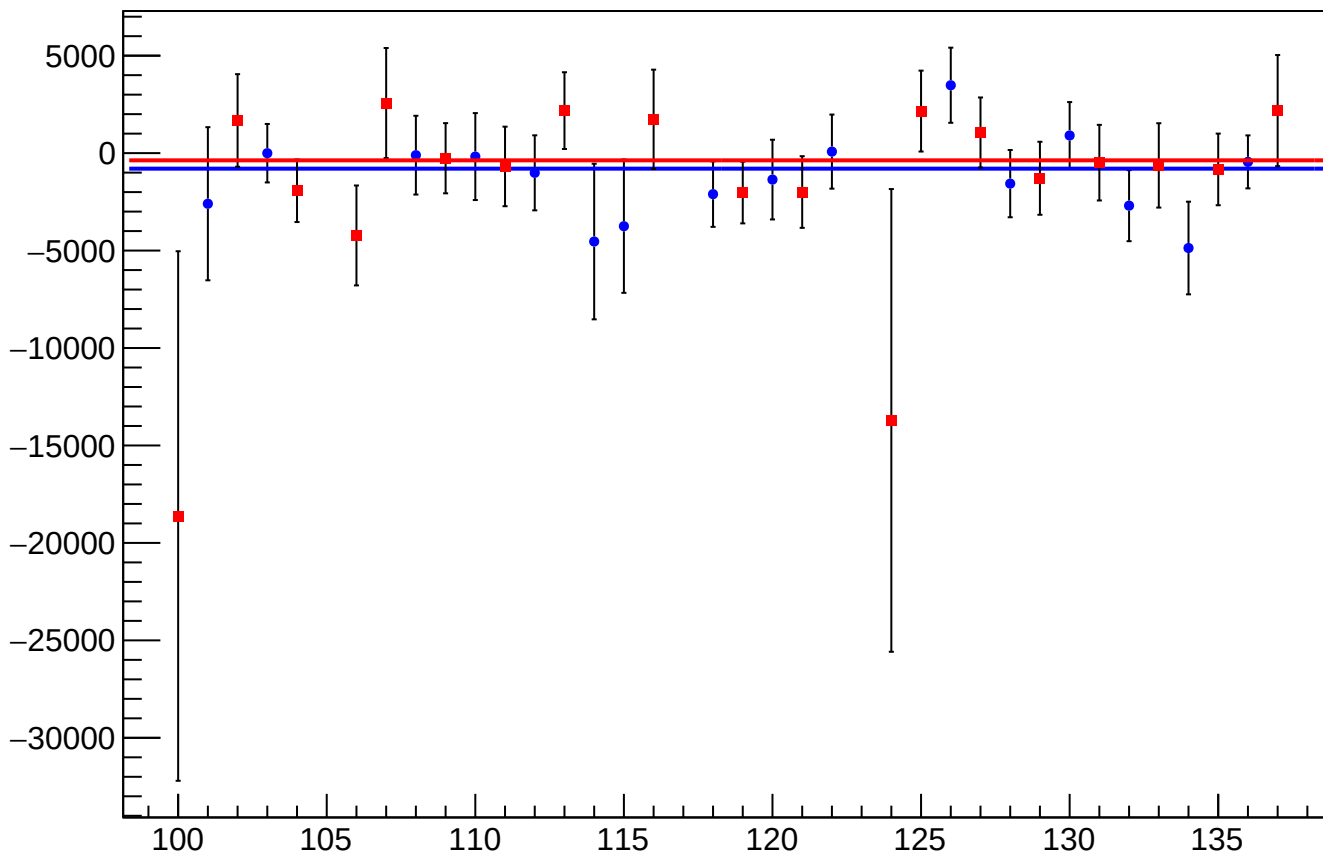
Right: 0.000+/-0.000 χ^2/NDF : 6295515.7/34

In: 0.000+/-0.000 χ^2/NDF : 2983121.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6295515.7/34

reg_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -797.285+/-487.453 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -370.010+/-485.826 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

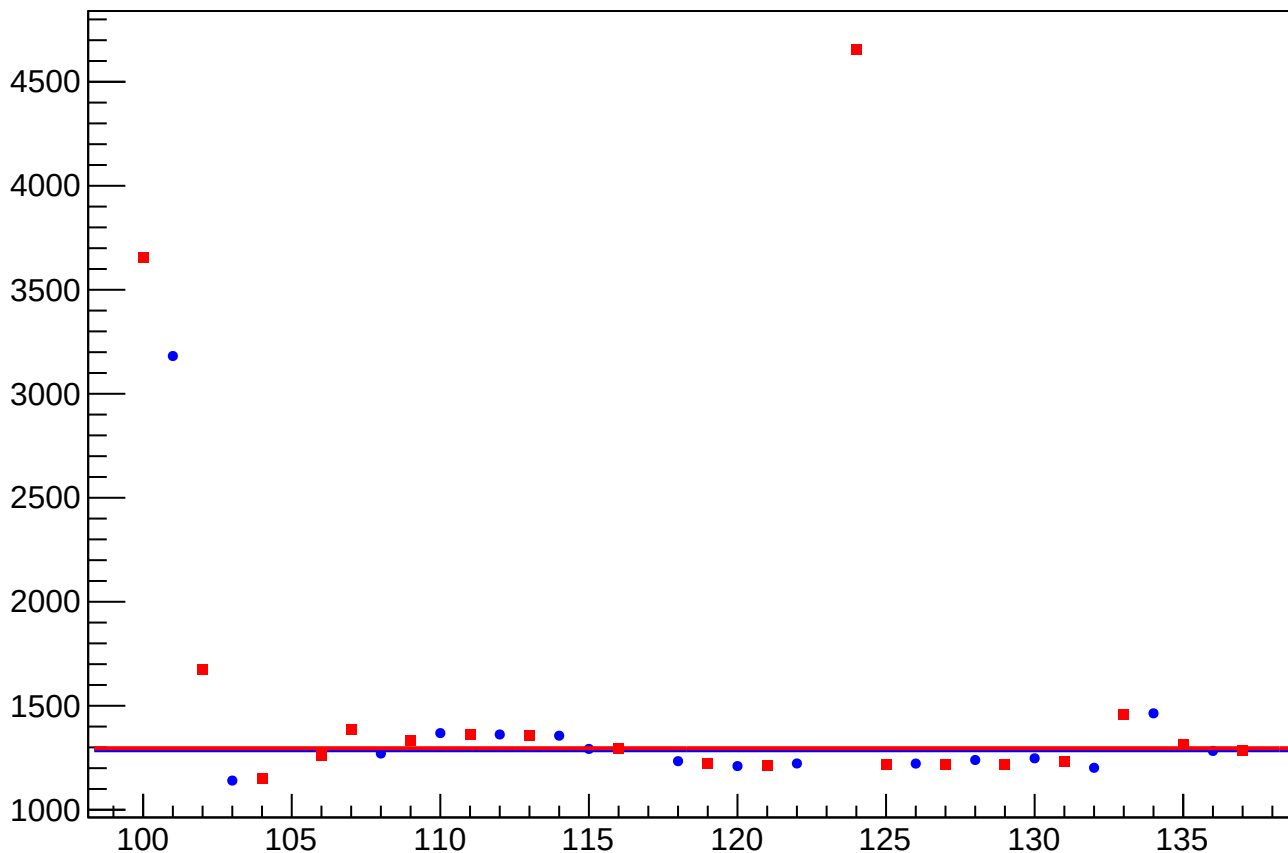
Right: -582.933+/-344.105 χ^2/NDF : 29.4/34

In: -797.285+/-487.453 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -582.933+/-344.105 χ^2/NDF : 29.4/34

reg_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.097+/-0.345 χ^2/NDF : 518126.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1295.943+/-0.344 χ^2/NDF : 328069.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

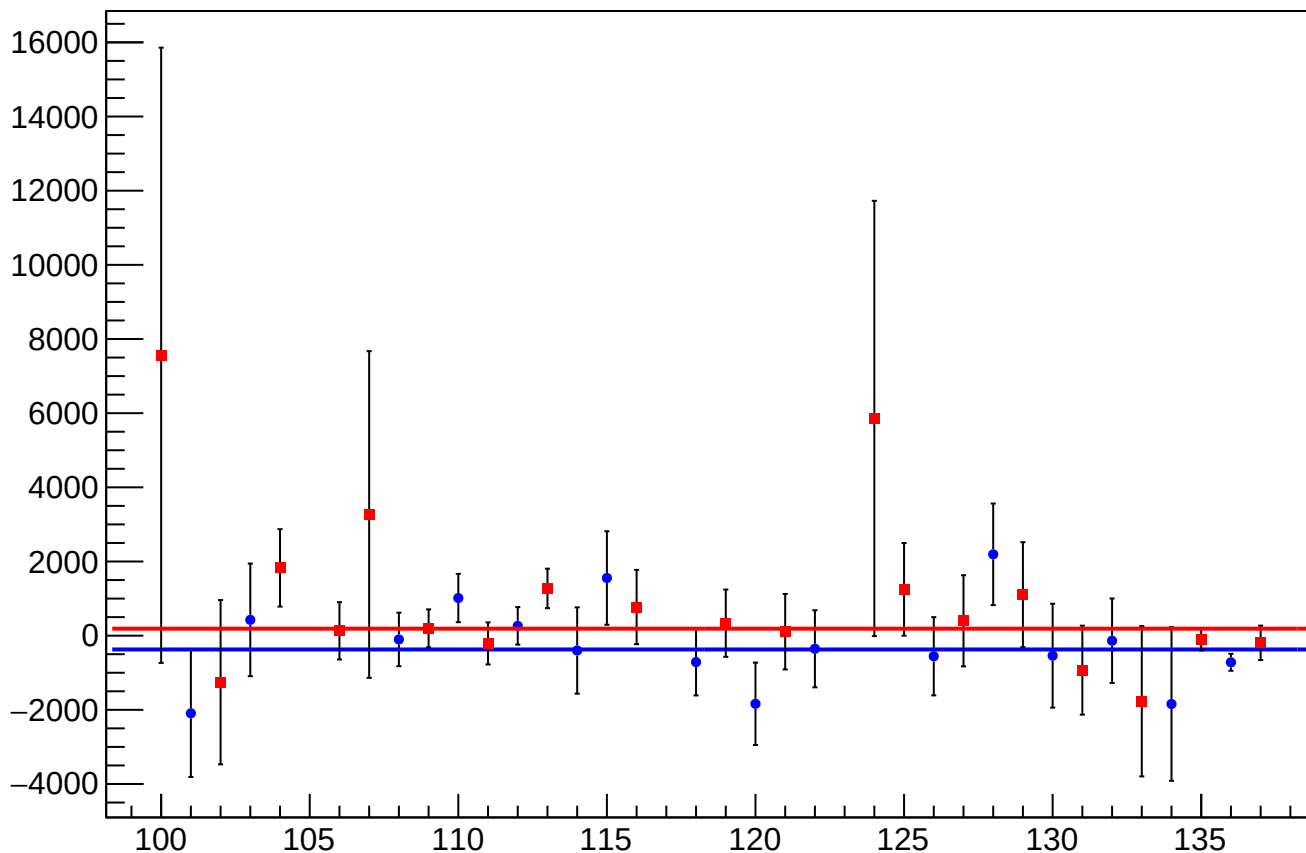
Right: 1291.036+/-0.243 χ^2/NDF : 846606.2/34

In: 1286.097+/-0.345 χ^2/NDF : 518126.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.036+/-0.243 χ^2/NDF : 846606.2/34

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -372.325+/-168.204 χ^2 /NDF: 18.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 188.945+/-169.575 χ^2 /NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

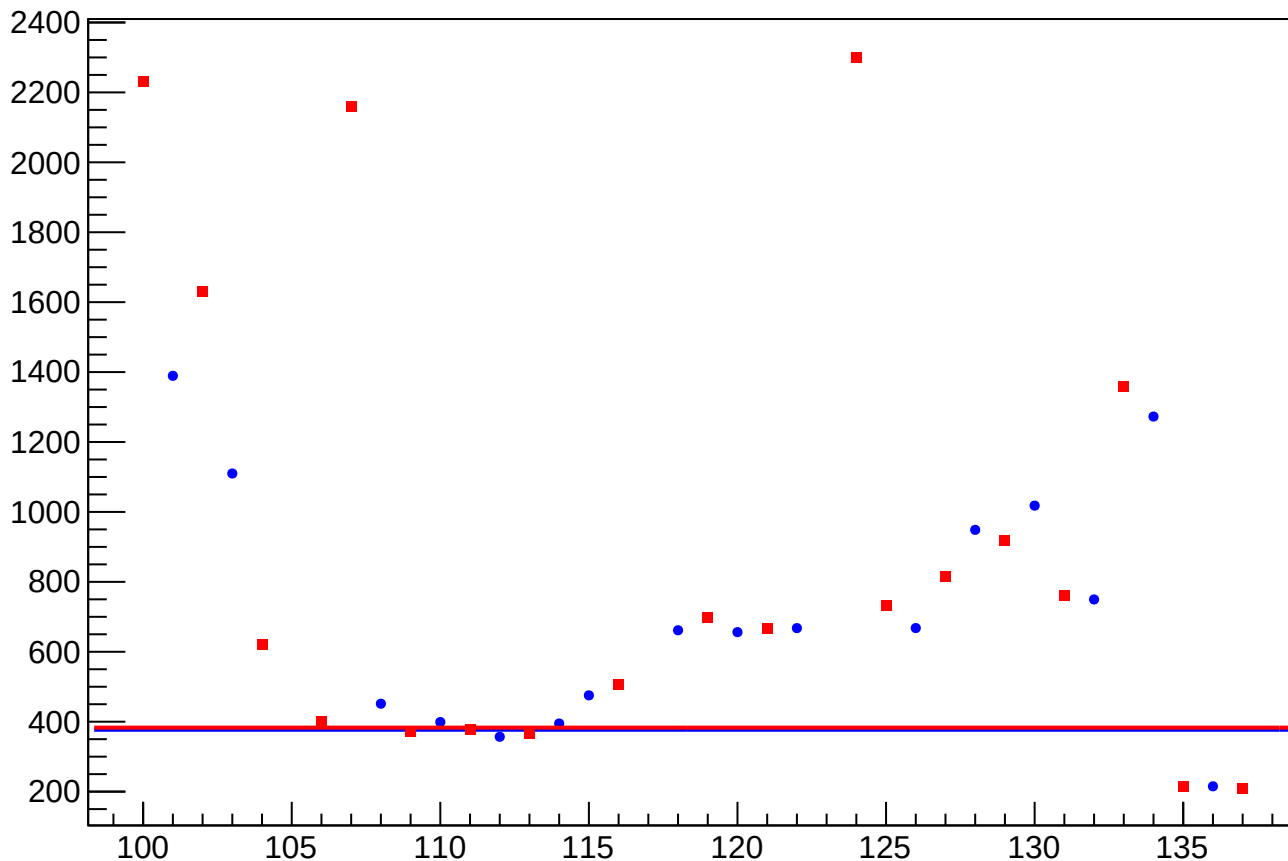
Right: -93.969+/-119.420 χ^2 /NDF: 38.3/34

In: -372.325+/-168.204 χ^2 /NDF:18.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -93.969+/-119.420 χ^2 /NDF: 38.3/34

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 376.893+/-0.119 χ^2/NDF : 4190194.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.074+/-0.120 χ^2/NDF : 4054121.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

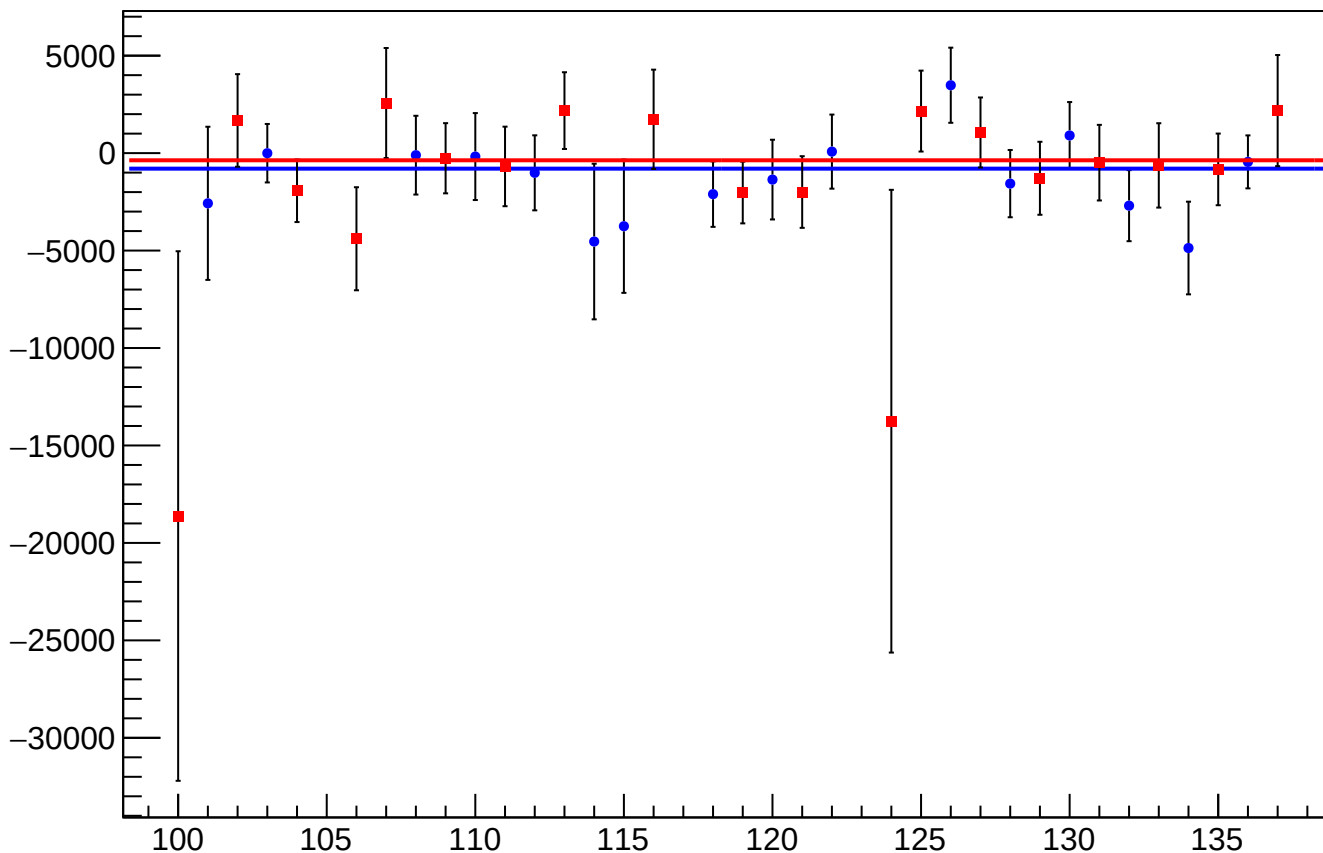
Right: 379.958+/-0.084 χ^2/NDF : 8245655.7/34

In: 376.893+/-0.119 χ^2/NDF : 4190194.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.958+/-0.084 χ^2/NDF : 8245655.7/34

cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -367.476 ± 486.348 χ^2/NDF : 15.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

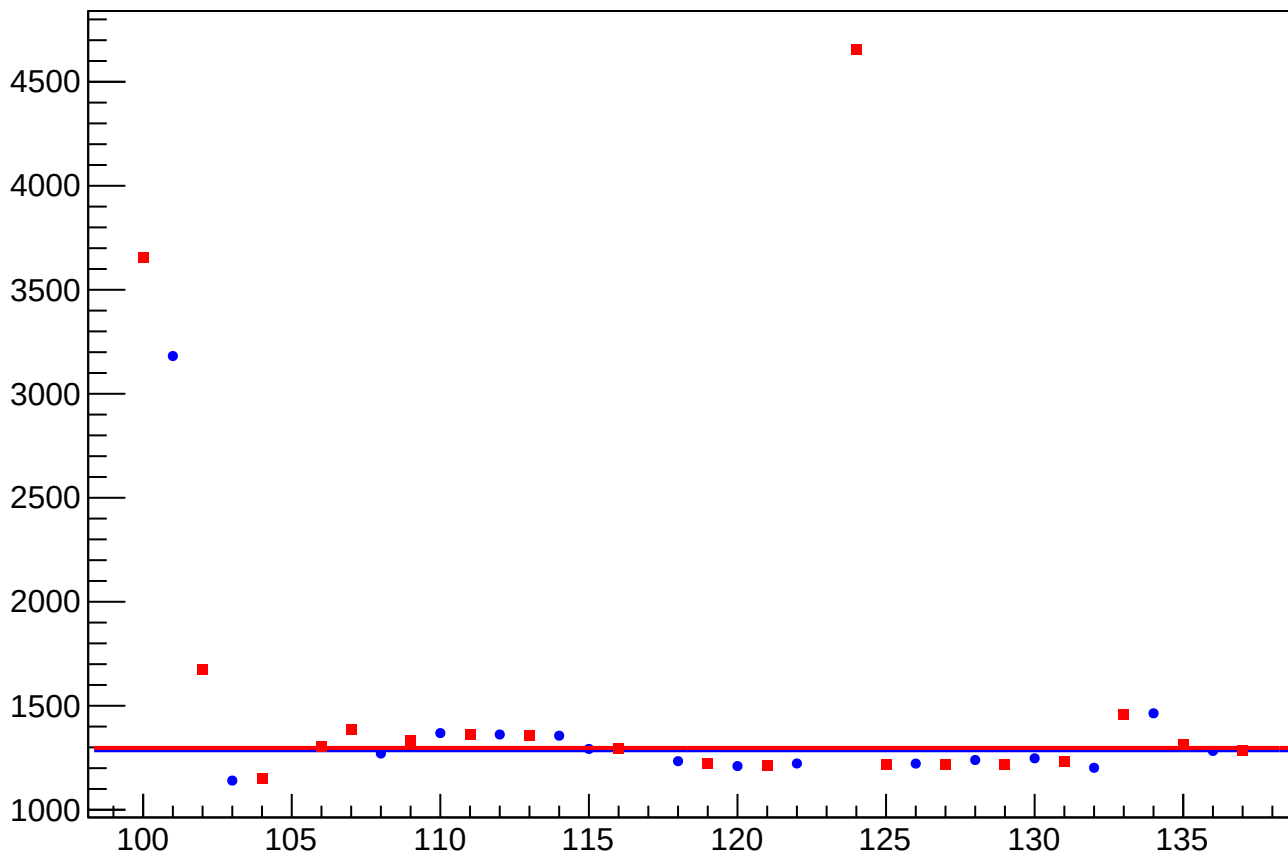
Right: -581.692 ± 344.290 χ^2/NDF : 29.5/34

In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -581.692 ± 344.290 χ^2/NDF : 29.5/34

cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.394+/-0.344 χ^2/NDF : 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

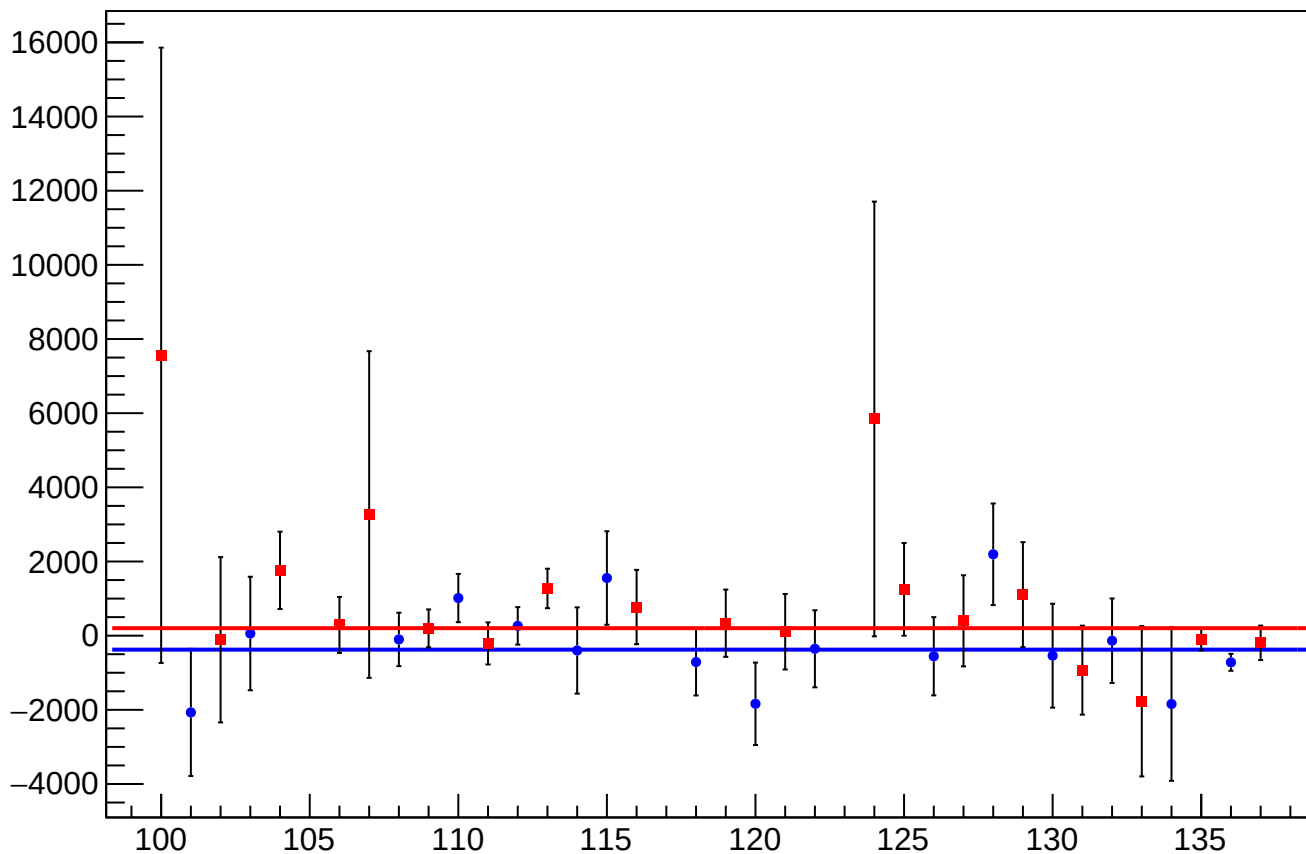
Right: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.771 ± 168.223 $\chi^2/\text{NDF}: 17.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 202.144 ± 169.377 $\chi^2/\text{NDF}: 14.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

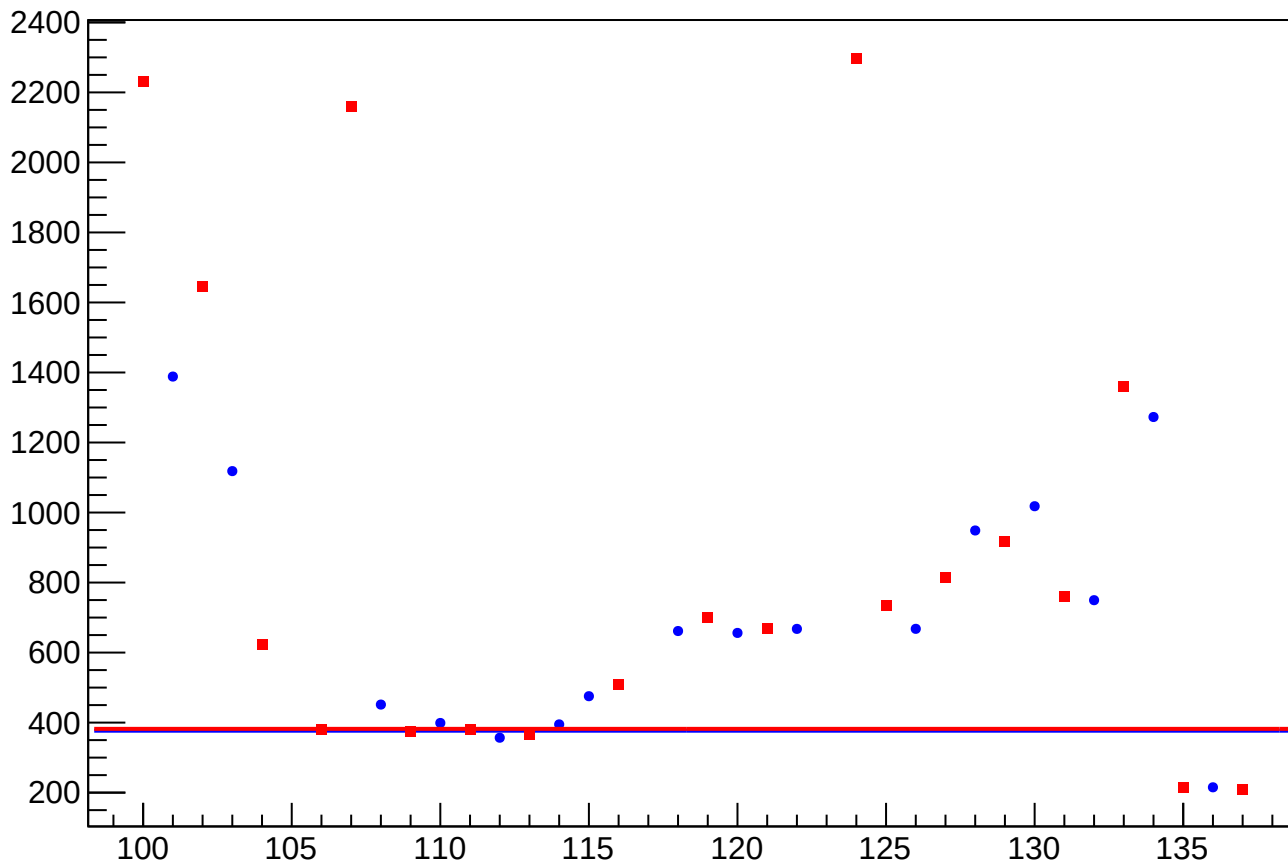
Right: -89.292 ± 119.358 $\chi^2/\text{NDF}: 37.9/34$

In: -376.771 ± 168.223 $\chi^2/\text{NDF}: 17.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -89.292 ± 119.358 $\chi^2/\text{NDF}: 37.9/34$

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF : 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

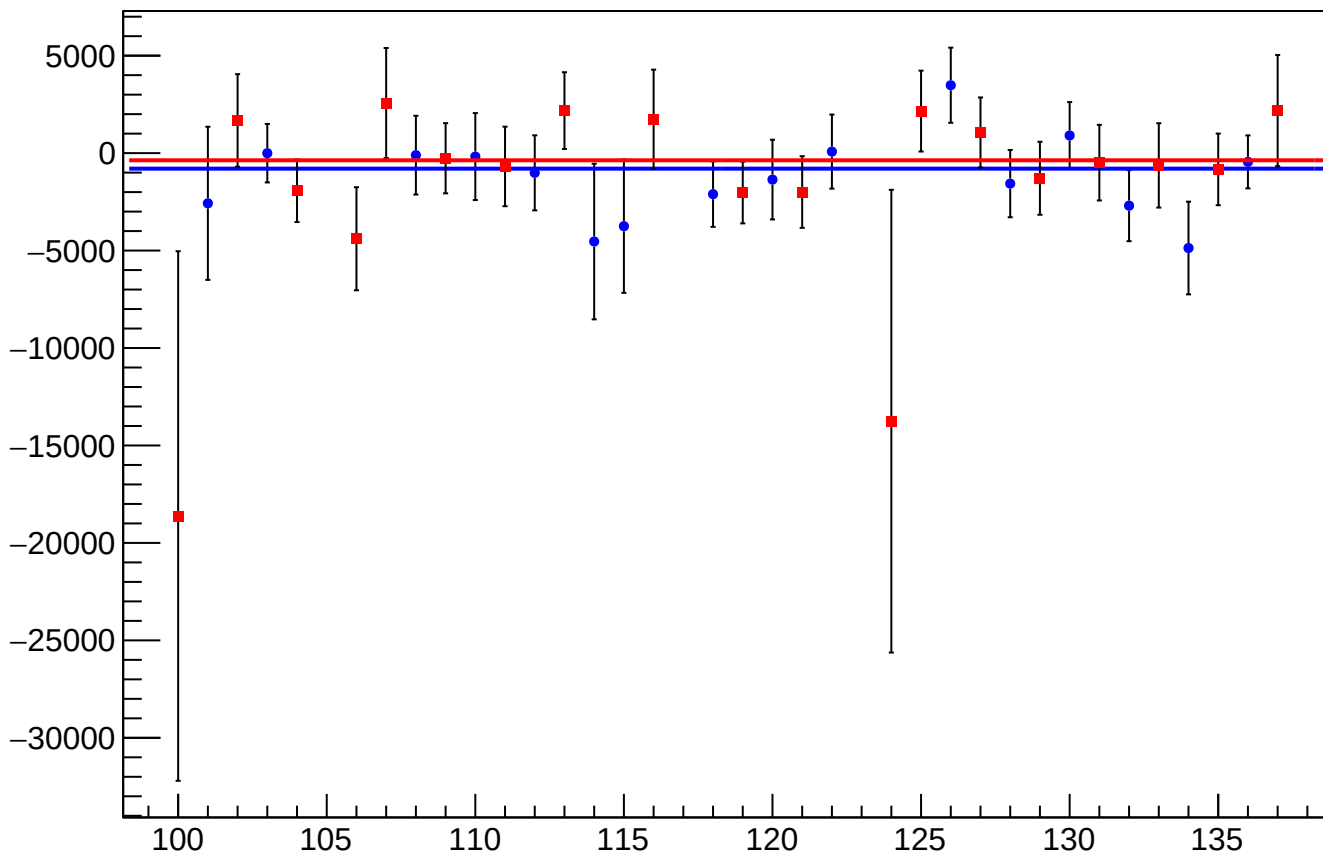
Right: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -367.476 ± 486.348 χ^2/NDF : 15.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

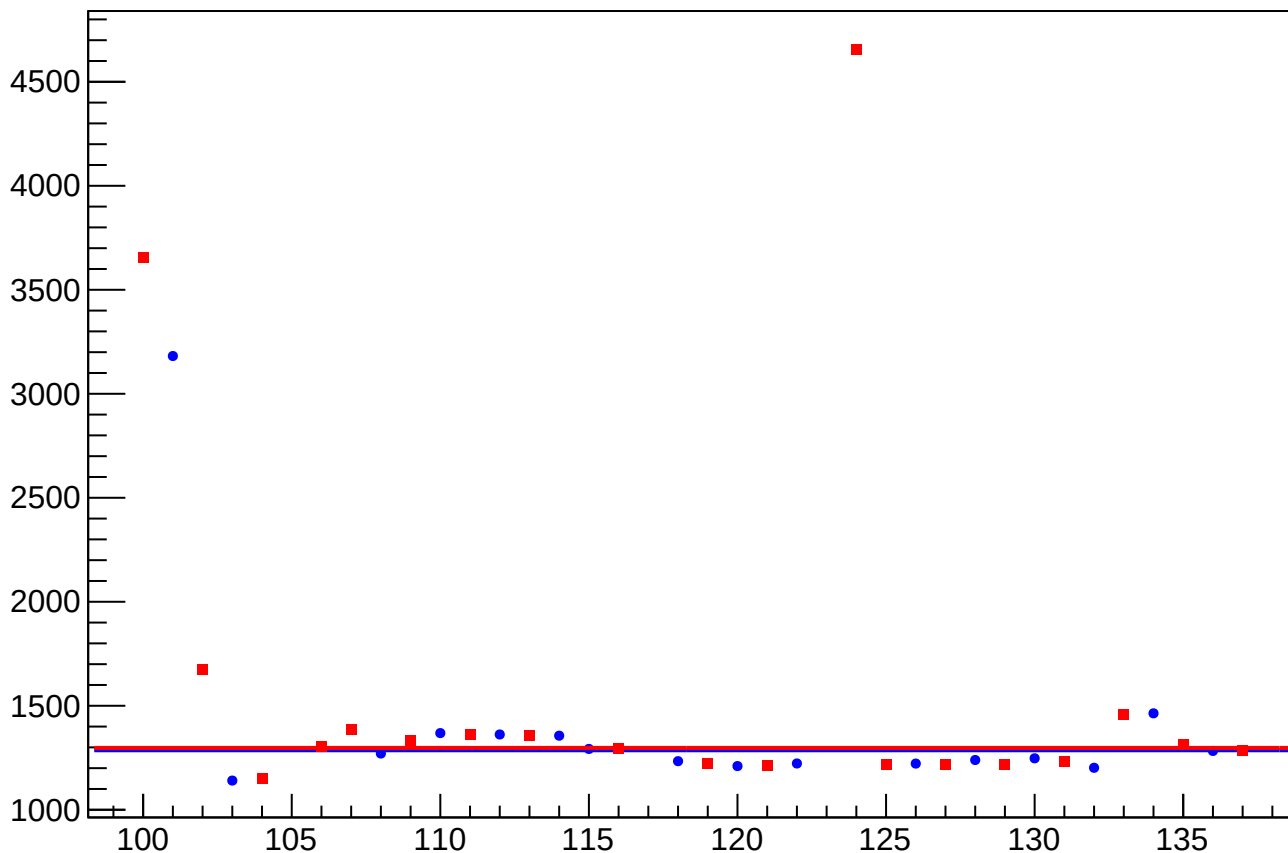
Right: -581.692 ± 344.290 χ^2/NDF : 29.5/34

In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -581.692 ± 344.290 χ^2/NDF : 29.5/34

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.394+/-0.344 χ^2/NDF : 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

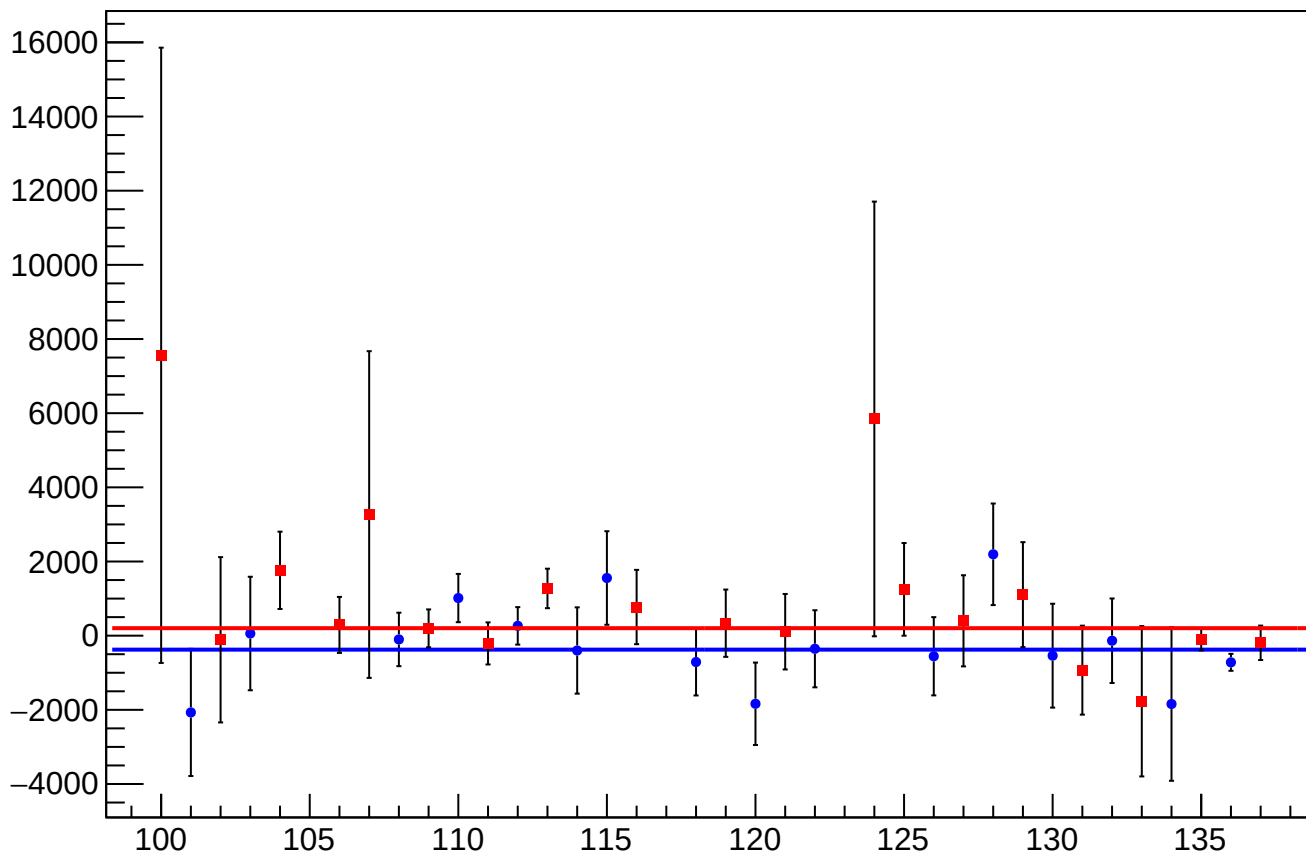
Right: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 202.144+/-169.377 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

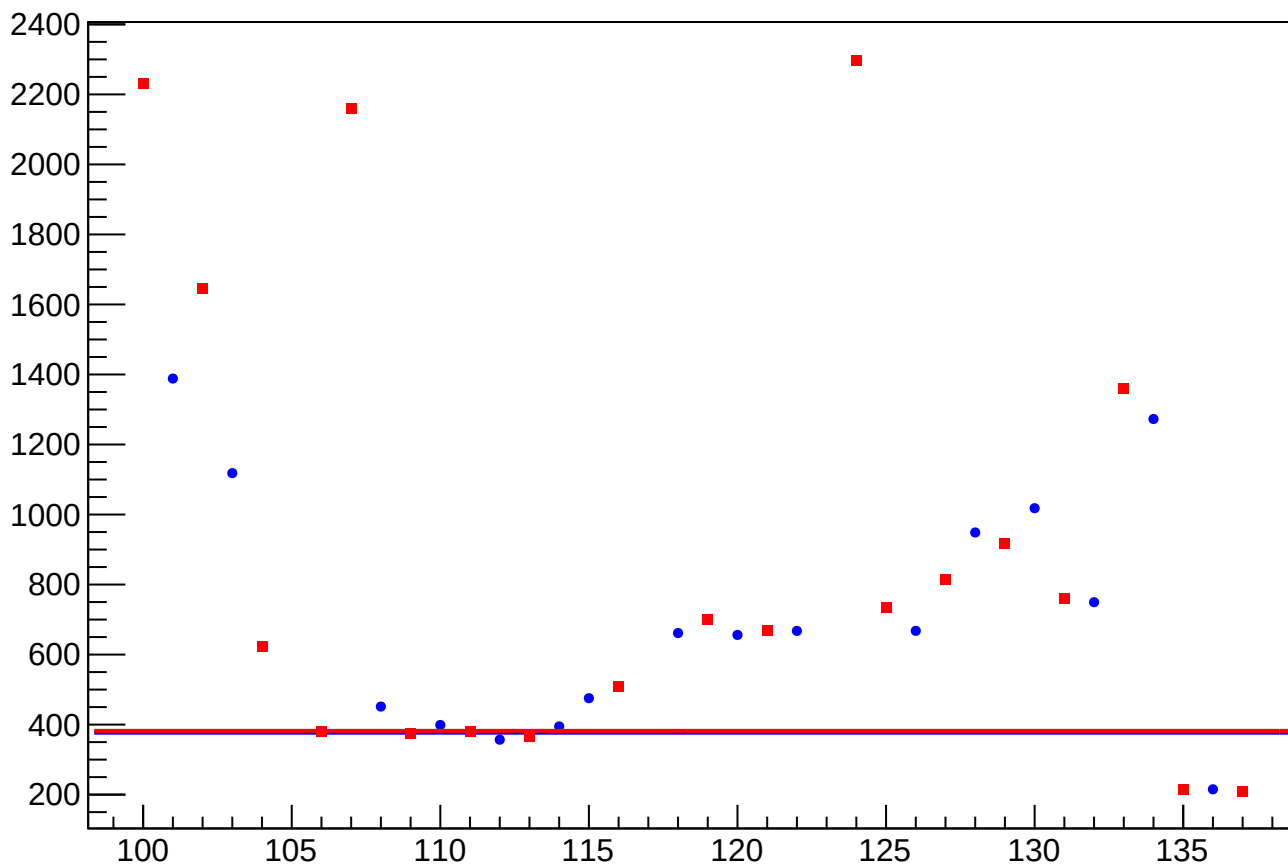
Right: -89.292+/-119.358 χ^2/NDF : 37.9/34

In: -376.771+/-168.223 χ^2/NDF :17.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -89.292+/-119.358 χ^2/NDF : 37.9/34

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF : 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

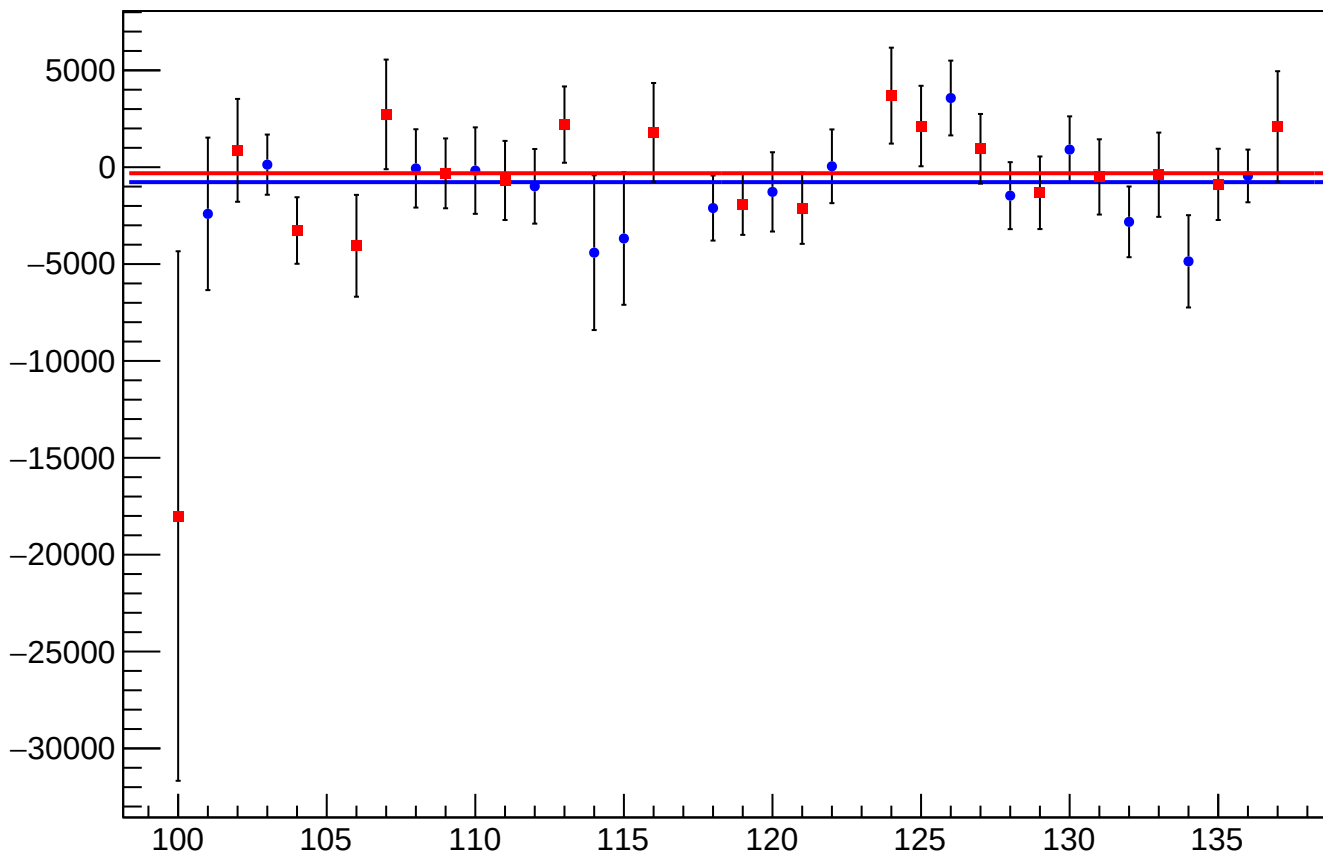
Right: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -771.499+/-489.602 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.418+/-482.642 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

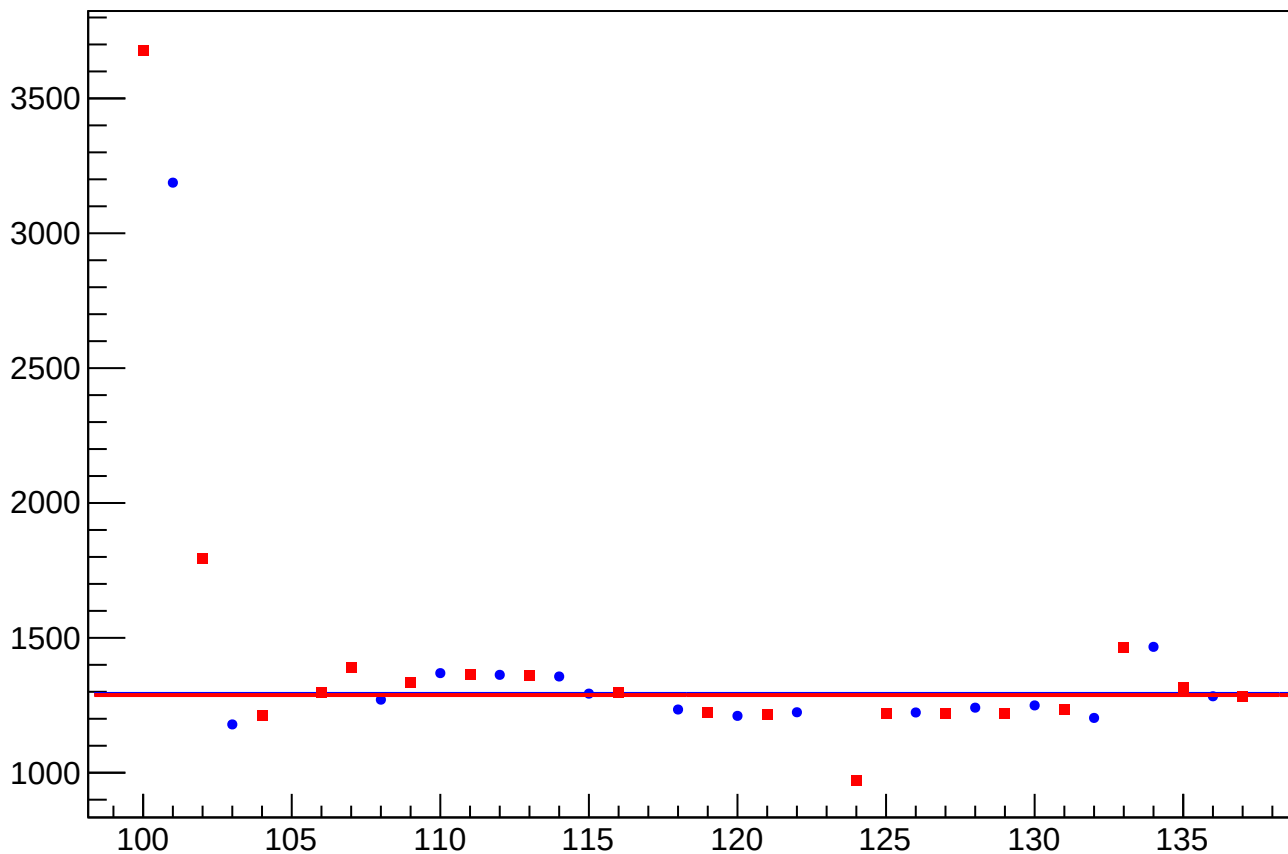
Right: -538.165+/-343.714 χ^2/NDF : 32.0/34

In: -771.499+/-489.602 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.165+/-343.714 χ^2/NDF : 32.0/34

dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.988+/-0.341 χ^2/NDF : 209208.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

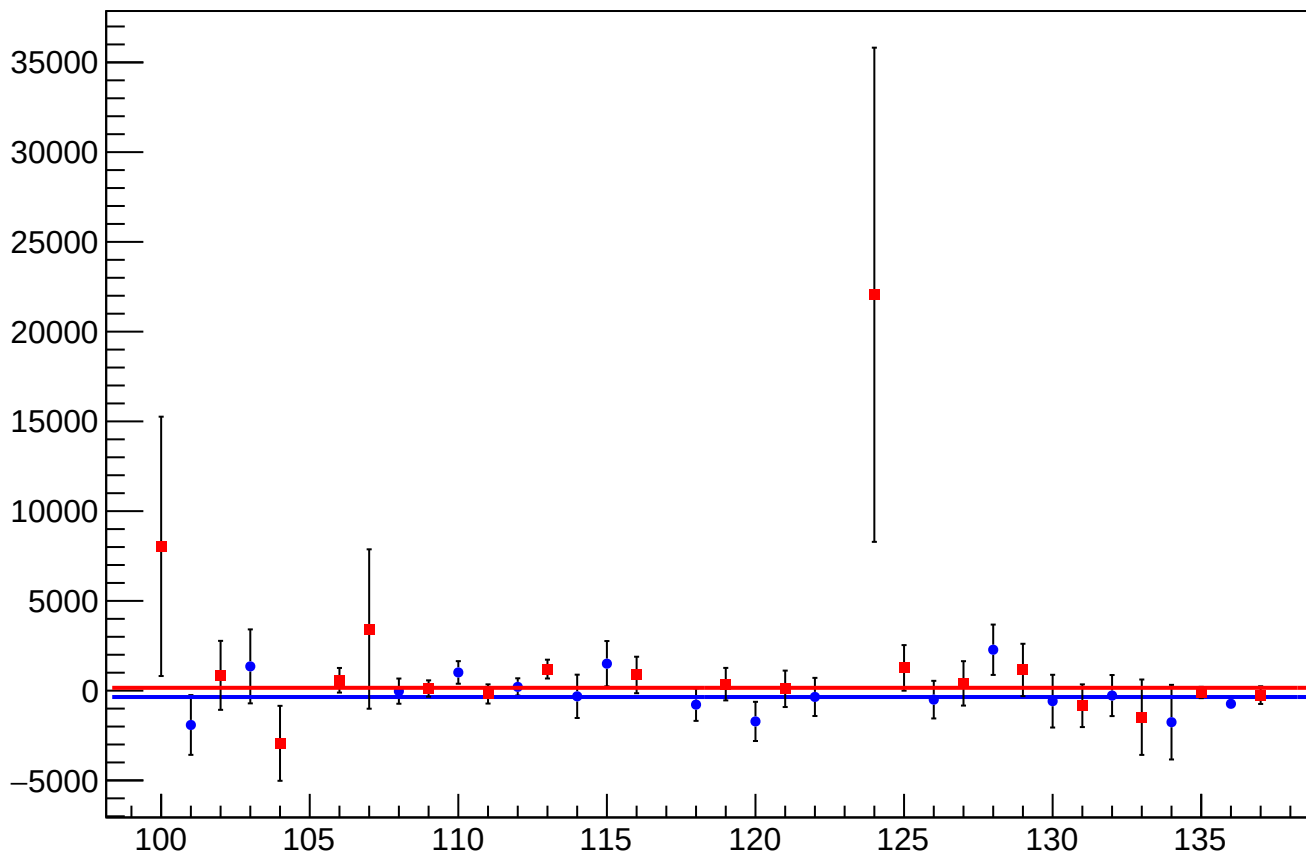
Right: 1289.984+/-0.243 χ^2/NDF : 718684.5/34

In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.984+/-0.243 χ^2/NDF : 718684.5/34

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.226+/-169.971 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.924+/-169.665 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

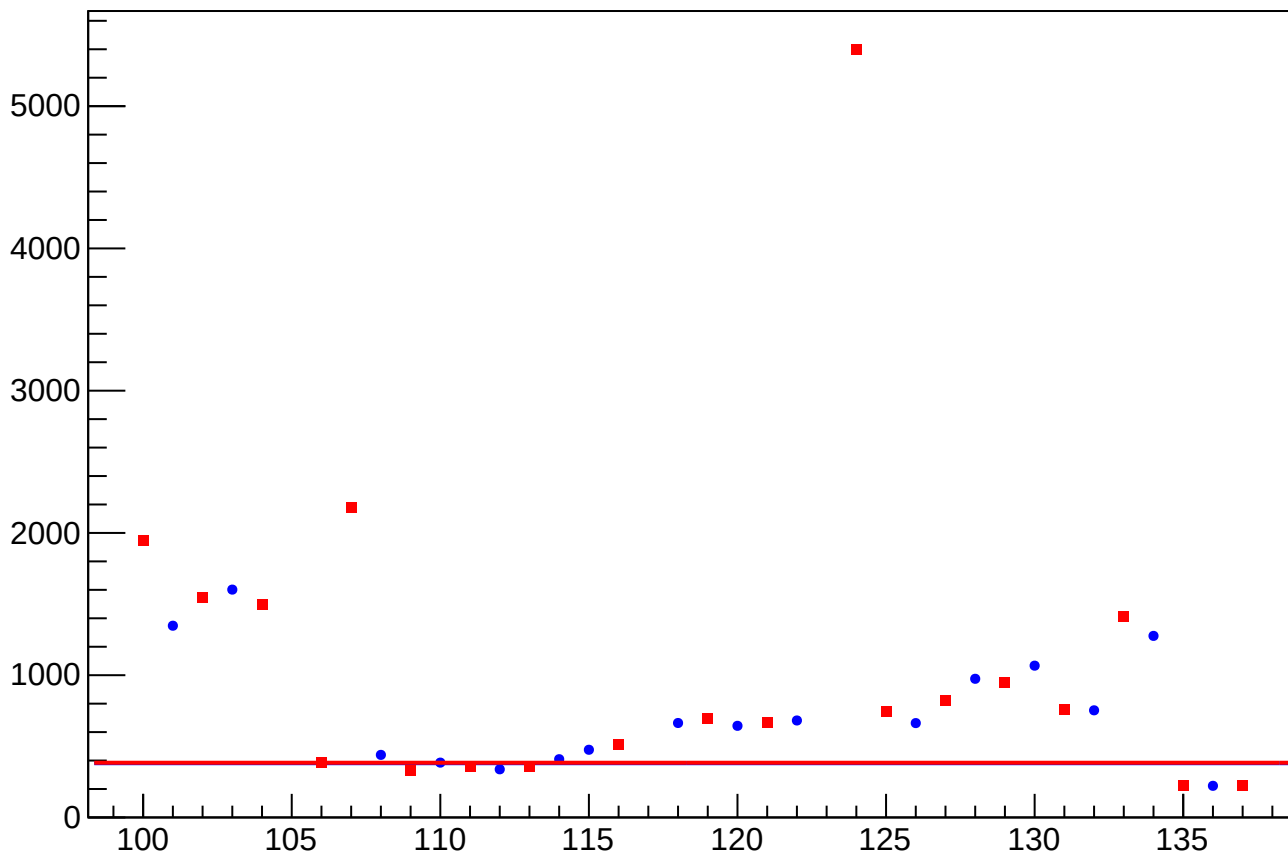
Right: -98.189+/-120.079 χ^2/NDF : 38.8/34

In: -355.226+/-169.971 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.189+/-120.079 χ^2/NDF : 38.8/34

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.651+/-0.120 χ^2/NDF : 4560208.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

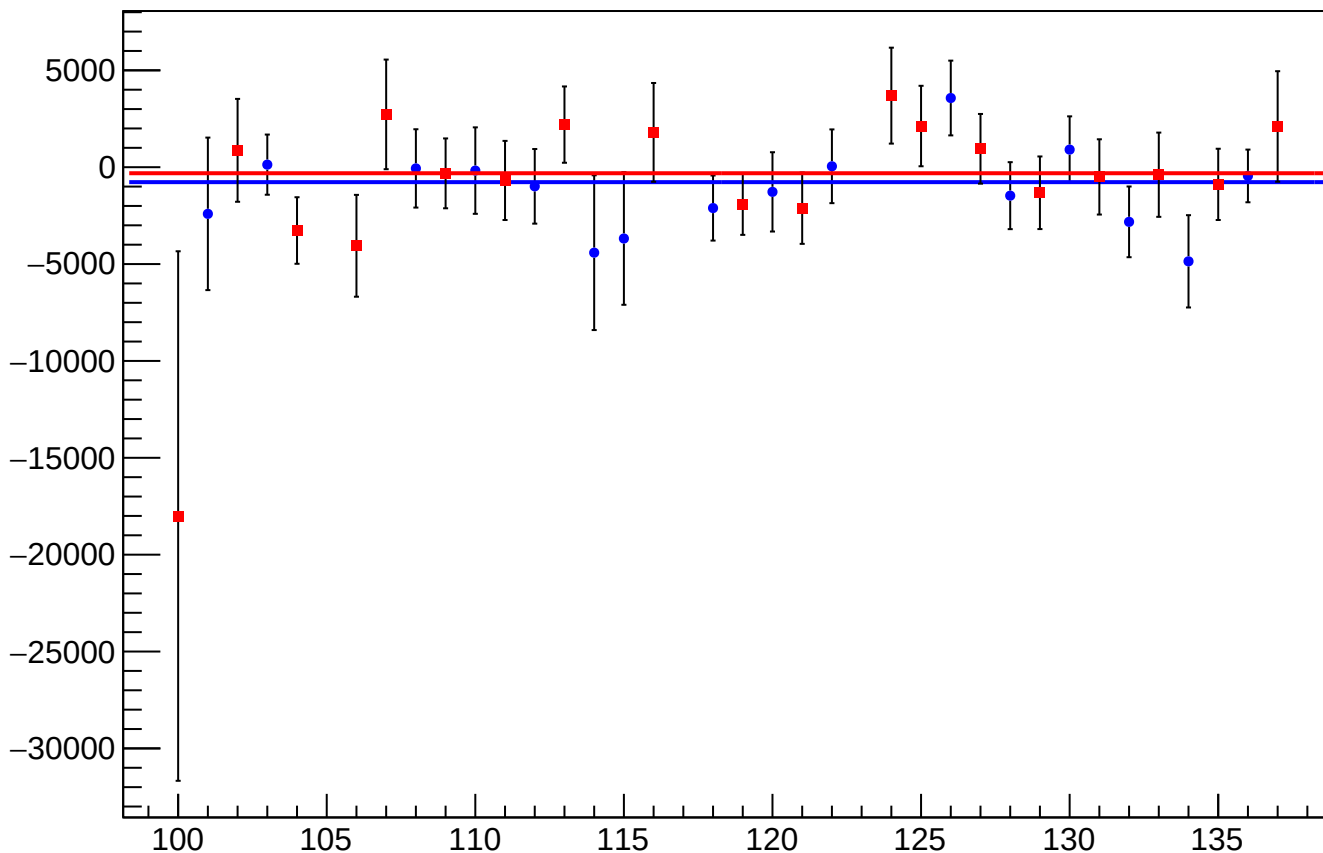
Right: 383.003+/-0.085 χ^2/NDF : 8878509.2/34

In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.003+/-0.085 χ^2/NDF : 8878509.2/34

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -771.501 $\pm$ 489.602 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -311.419 $\pm$ 482.642 χ^2 /NDF: 17.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

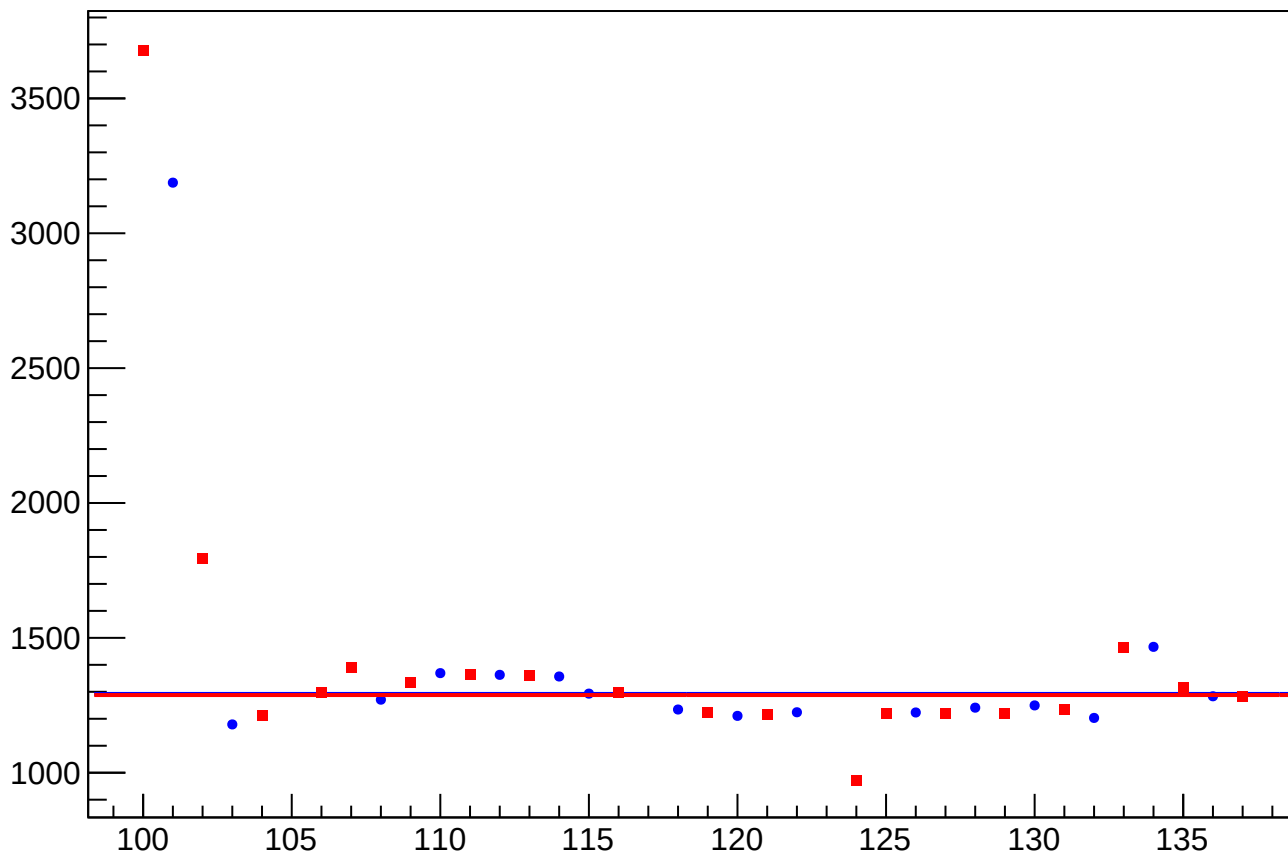
Right: -538.167 $\pm$ 343.714 χ^2 /NDF: 32.0/34

In: -771.501 $\pm$ 489.602 χ^2 /NDF:13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -538.167 $\pm$ 343.714 χ^2 /NDF: 32.0/34

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.988+/-0.341 χ^2/NDF : 209209.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

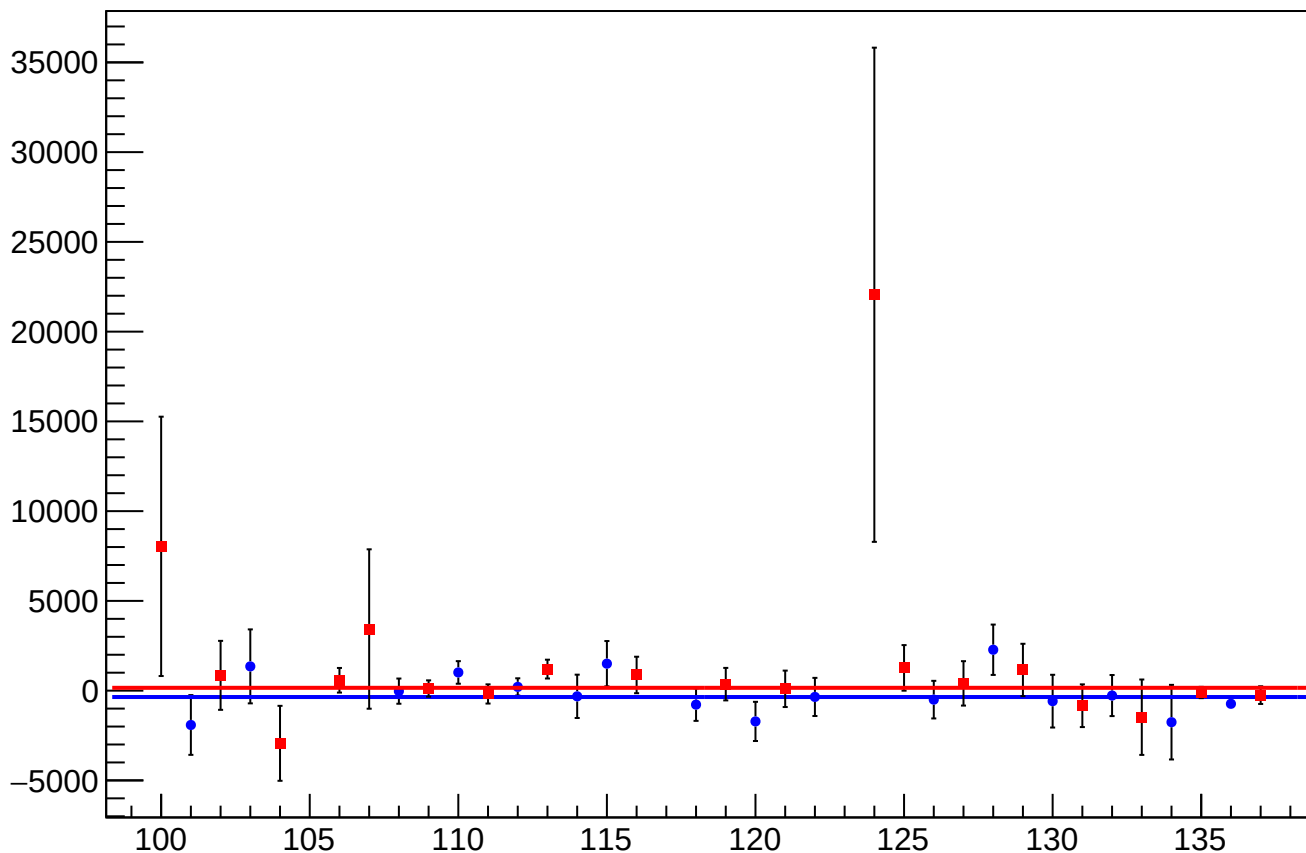
Right: 1289.984+/-0.243 χ^2/NDF : 718684.7/34

In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.984+/-0.243 χ^2/NDF : 718684.7/34

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.226 ± 169.973 χ^2/NDF : 18.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 157.929 ± 169.667 χ^2/NDF : 15.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

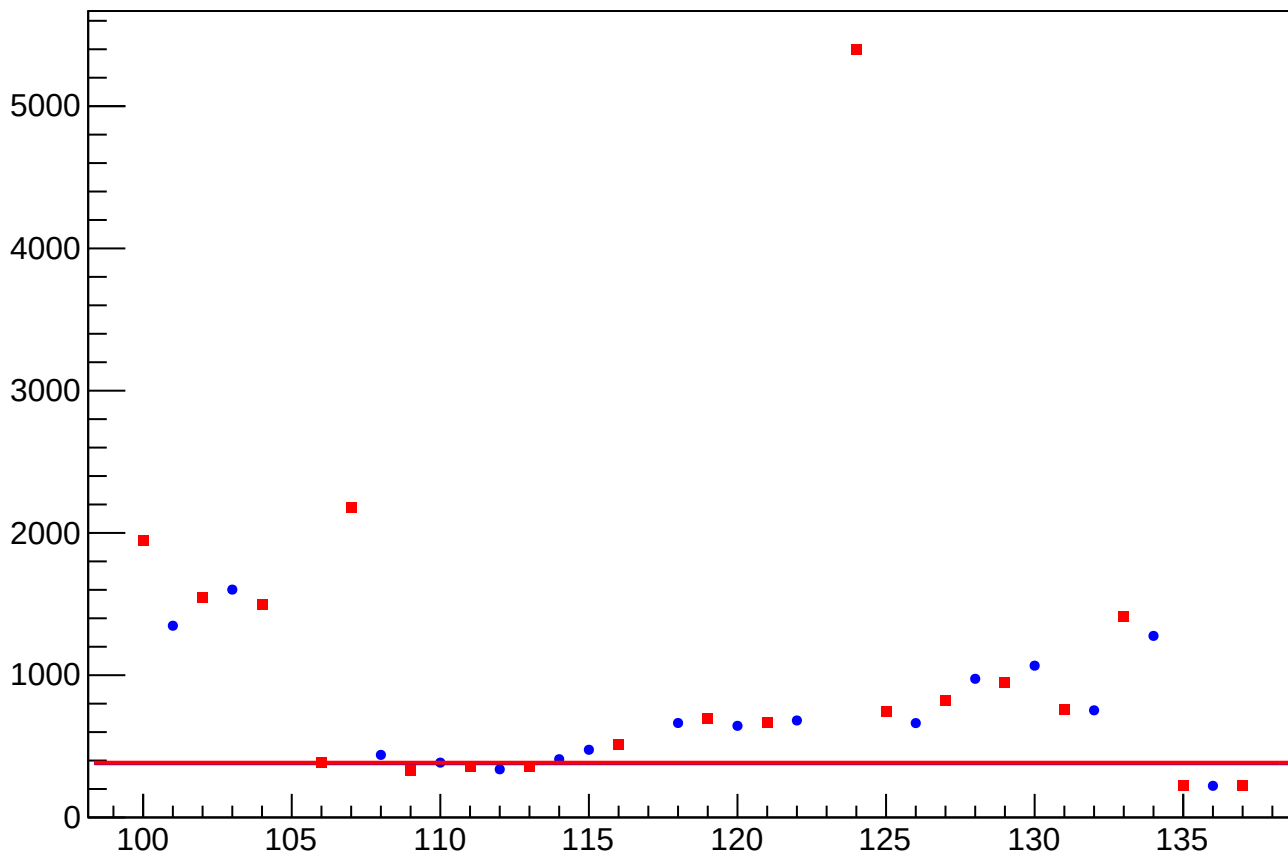
Right: -98.185 ± 120.081 χ^2/NDF : 38.8/34

In: -355.226 ± 169.973 χ^2/NDF : 18.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -98.185 ± 120.081 χ^2/NDF : 38.8/34

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.658+/-0.120 χ^2/NDF : 4560068.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

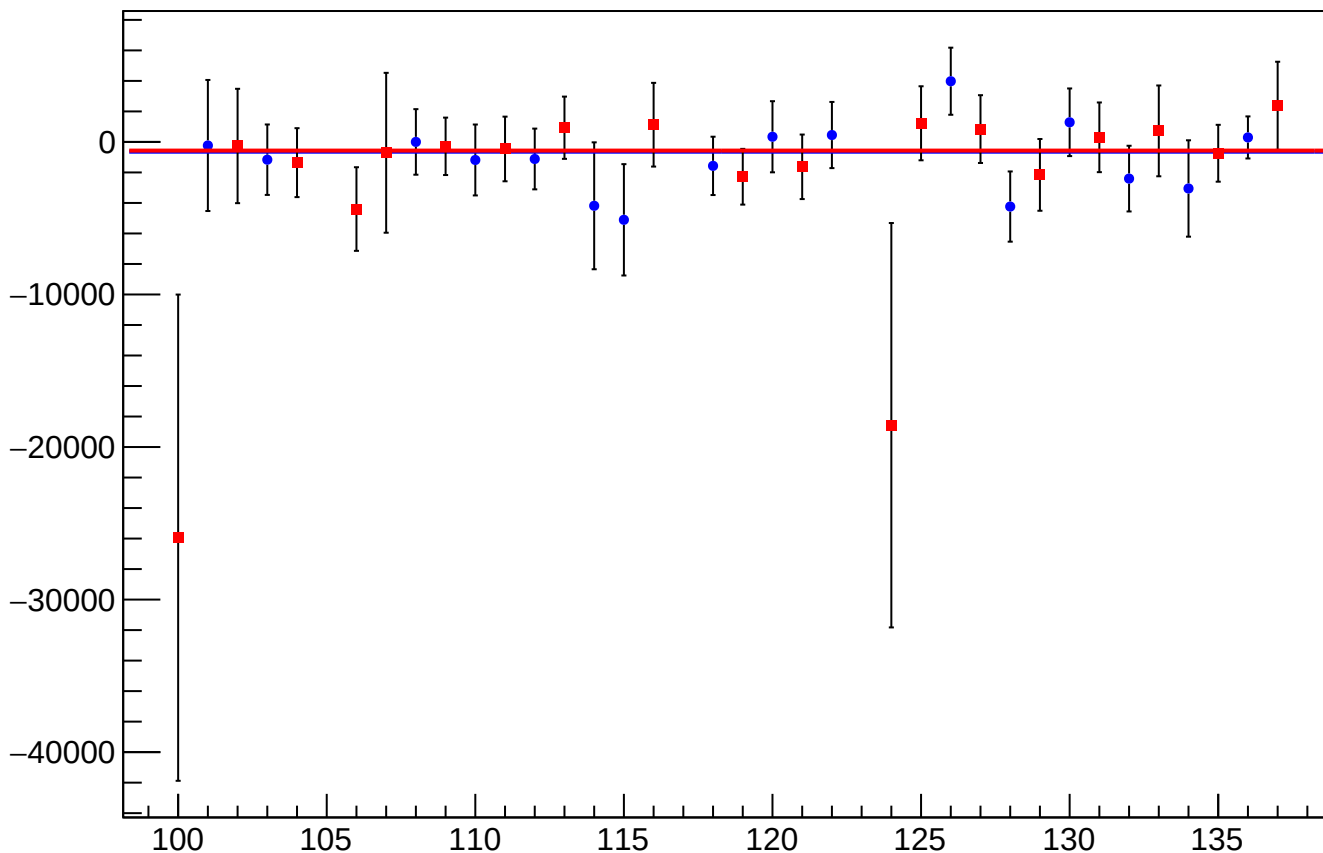
Right: 383.012+/-0.085 χ^2/NDF : 8878183.1/34

In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.012+/-0.085 χ^2/NDF : 8878183.1/34

asym_atl_avg_atr_avg_dd_mean vs Slug, Sign Corrected



Right In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -567.254+/-566.774 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

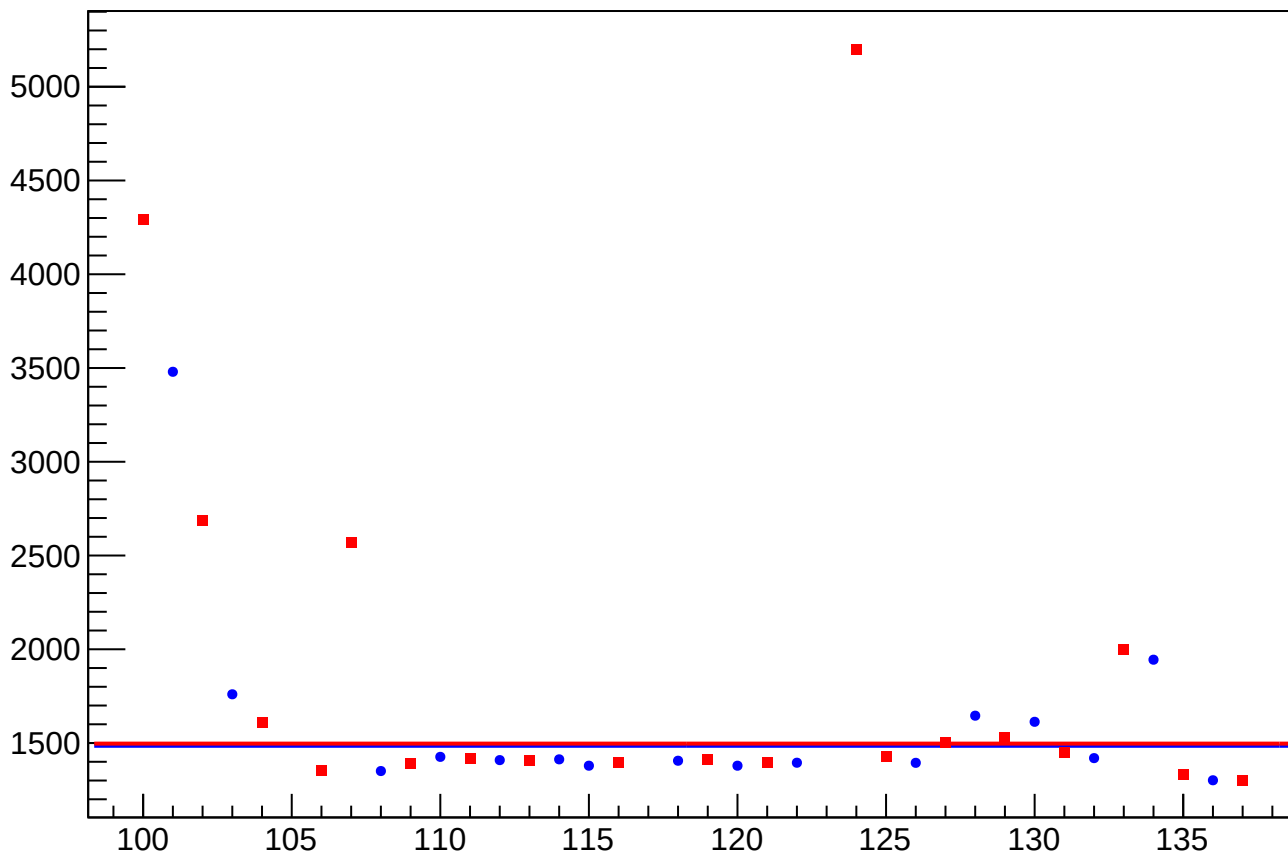
Right: -604.196+/-399.916 χ^2/NDF : 23.8/34

In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.196+/-399.916 χ^2/NDF : 23.8/34

asym_atl_avg_atr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1496.865+/-0.401 χ^2/NDF : 623292.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

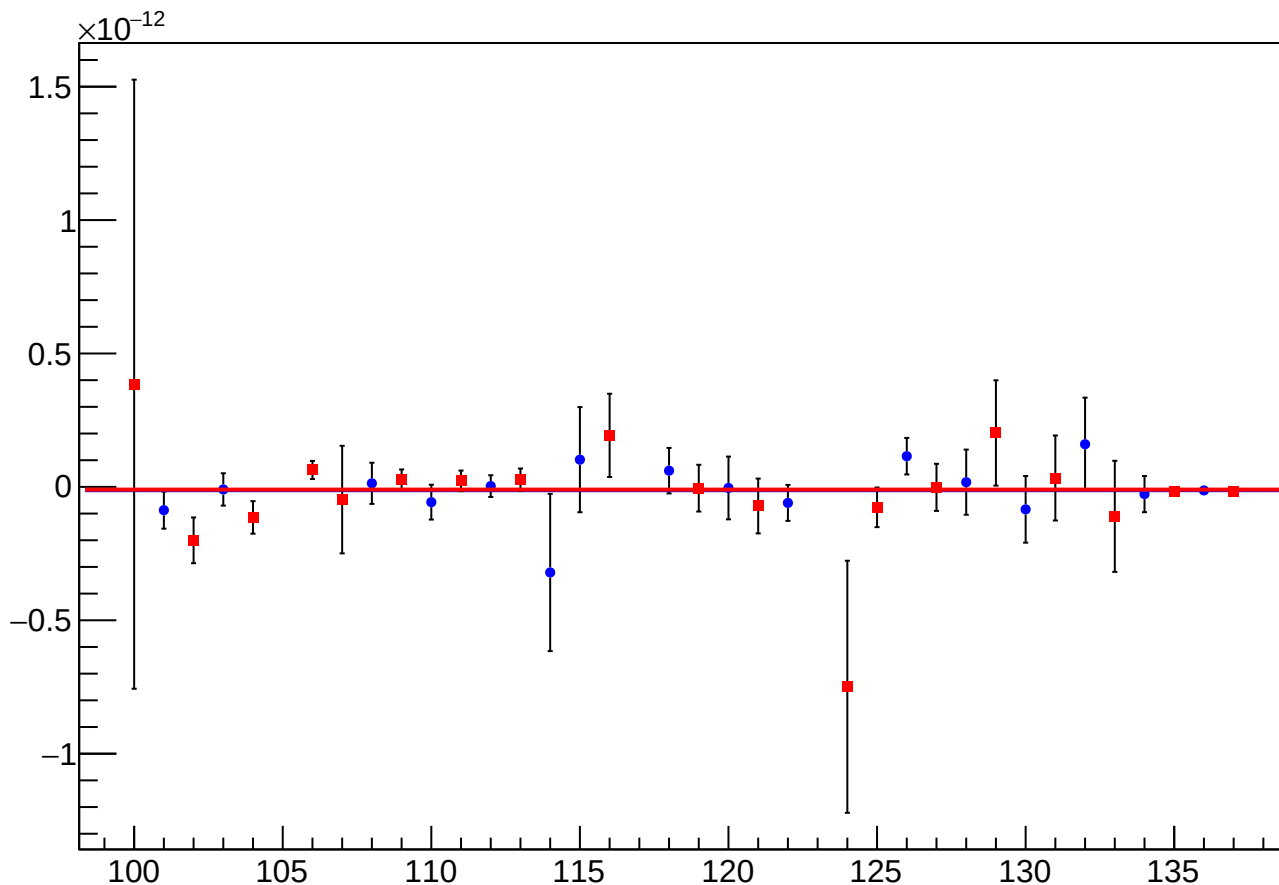
Right: 1491.093+/-0.283 χ^2/NDF : 1208175.9/34

In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.093+/-0.283 χ^2/NDF : 1208175.9/34

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

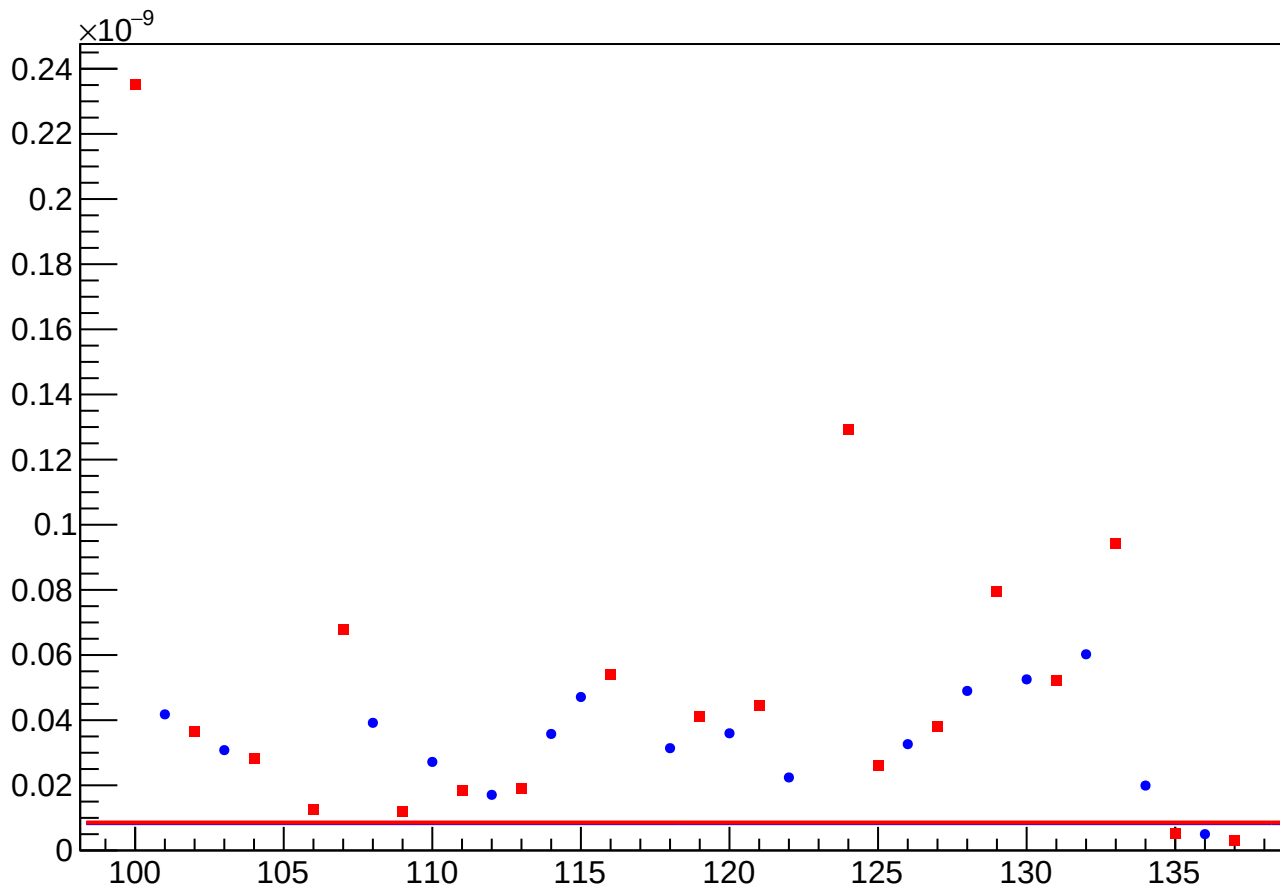
Right: -0.000+/-0.000 χ^2/NDF : 31.8/34

In: -0.000+/-0.000 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.8/34

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3059657.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3348571.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

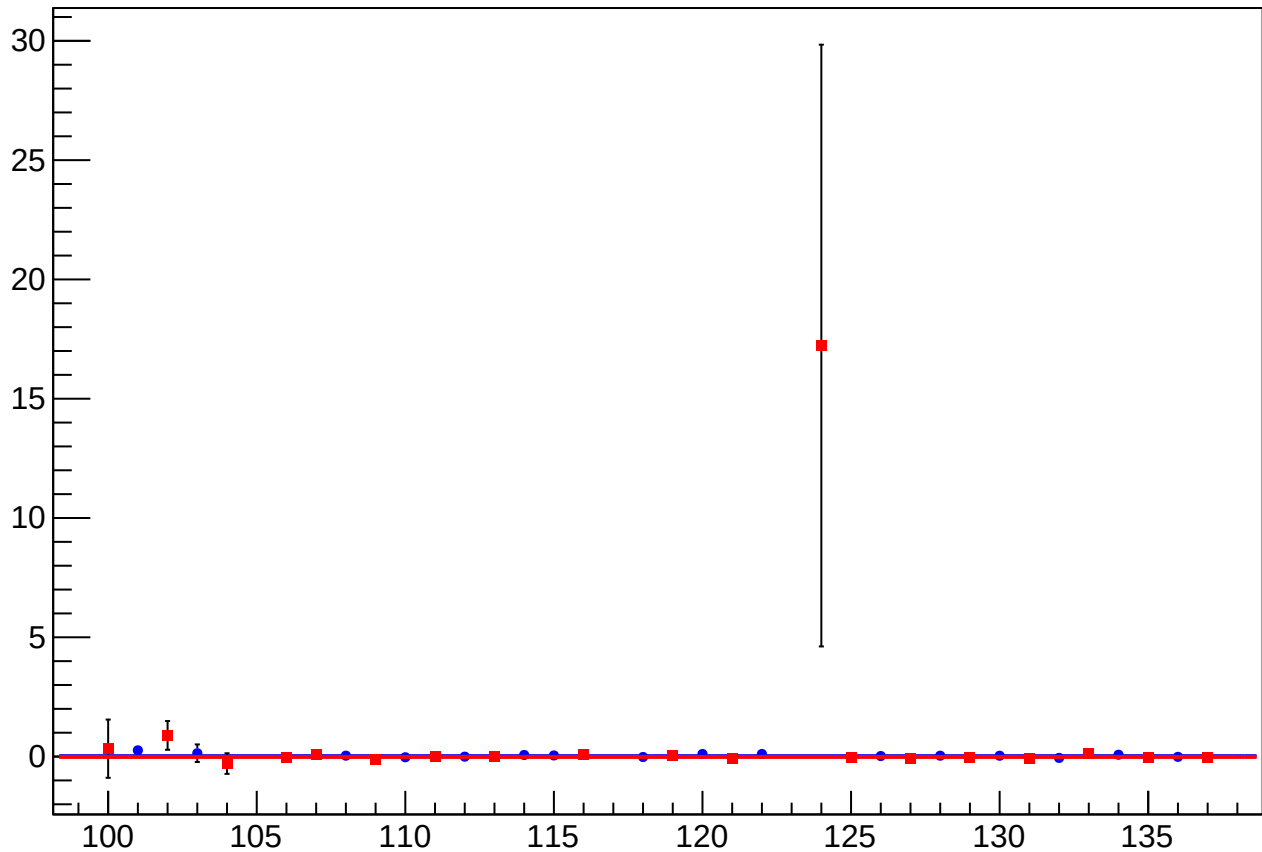
Right: 0.000+/-0.000 χ^2/NDF : 6408892.5/34

In: 0.000+/-0.000 χ^2/NDF : 3059657.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6408892.5/34

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

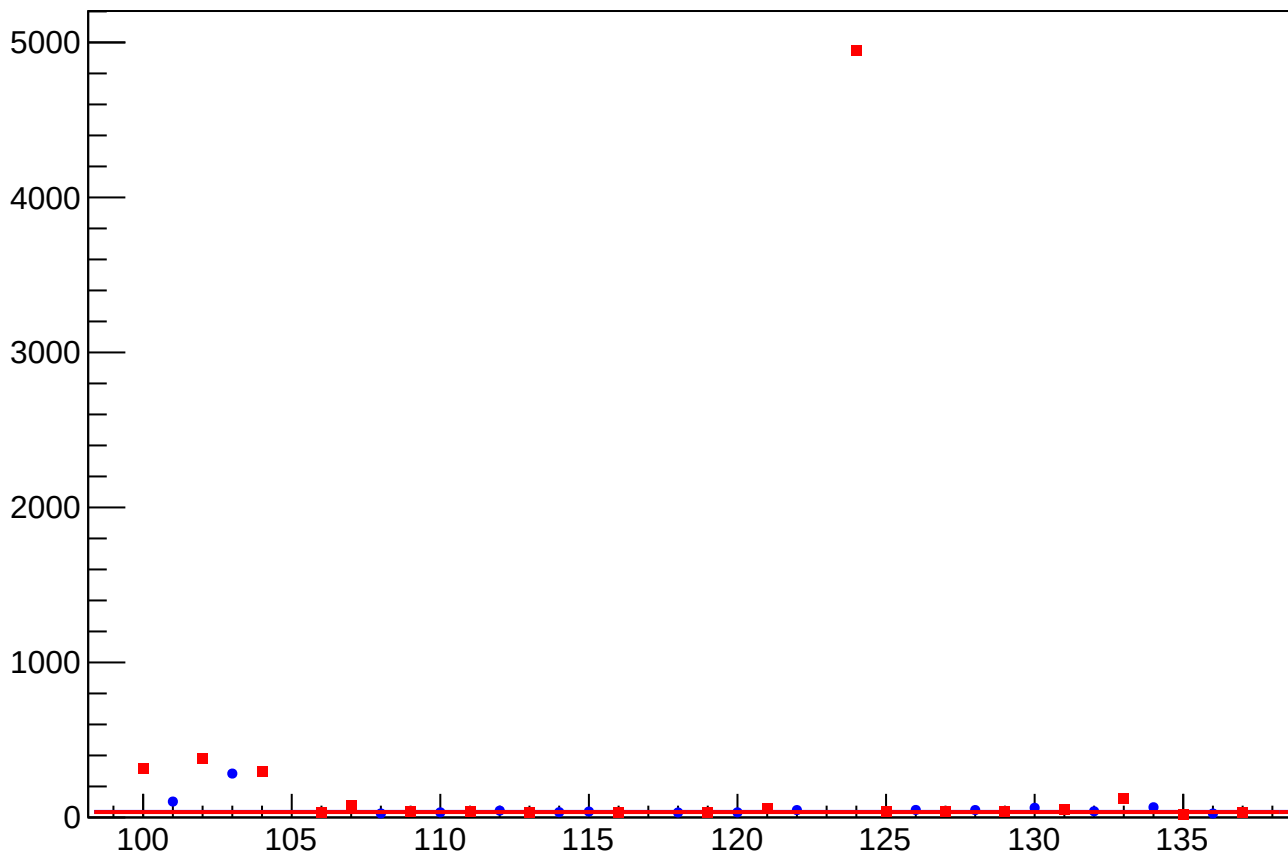
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.742 $\pm$ 0.011 χ^2 /NDF: 2264790.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.797 $\pm$ 0.011 χ^2 /NDF: 2914137.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

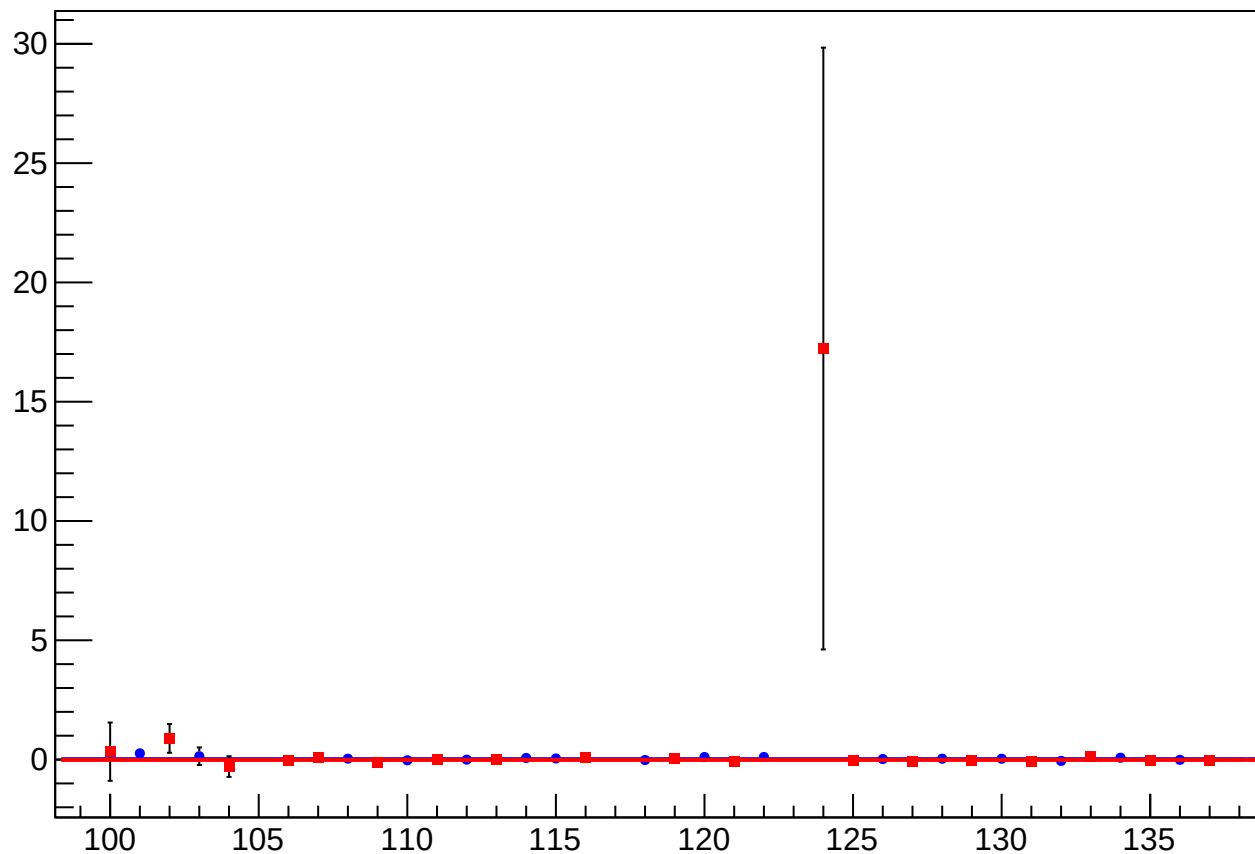
Right: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

In: 35.742 $\pm$ 0.011 χ^2 /NDF:2264790.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

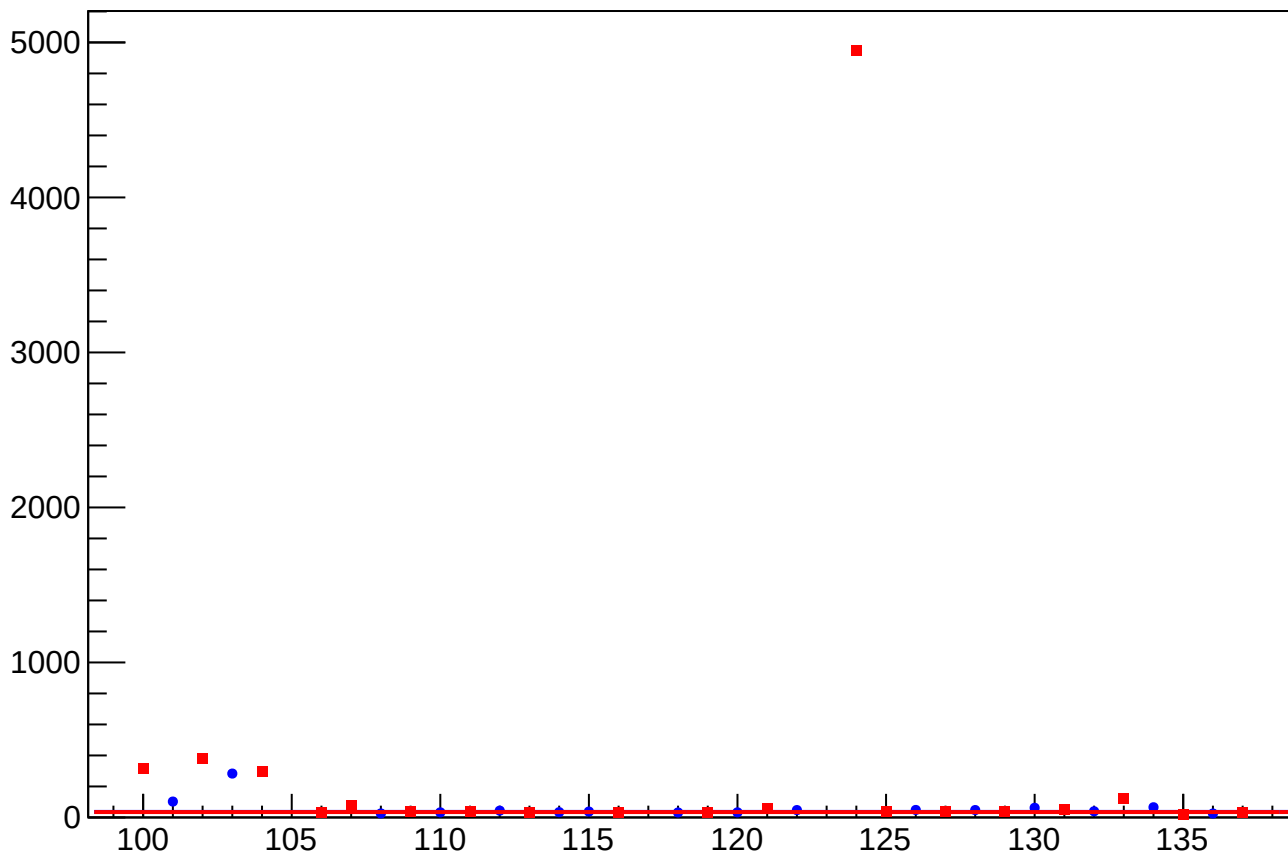
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.742 $\pm$ 0.011 χ^2 /NDF: 2264790.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.797 $\pm$ 0.011 χ^2 /NDF: 2914137.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

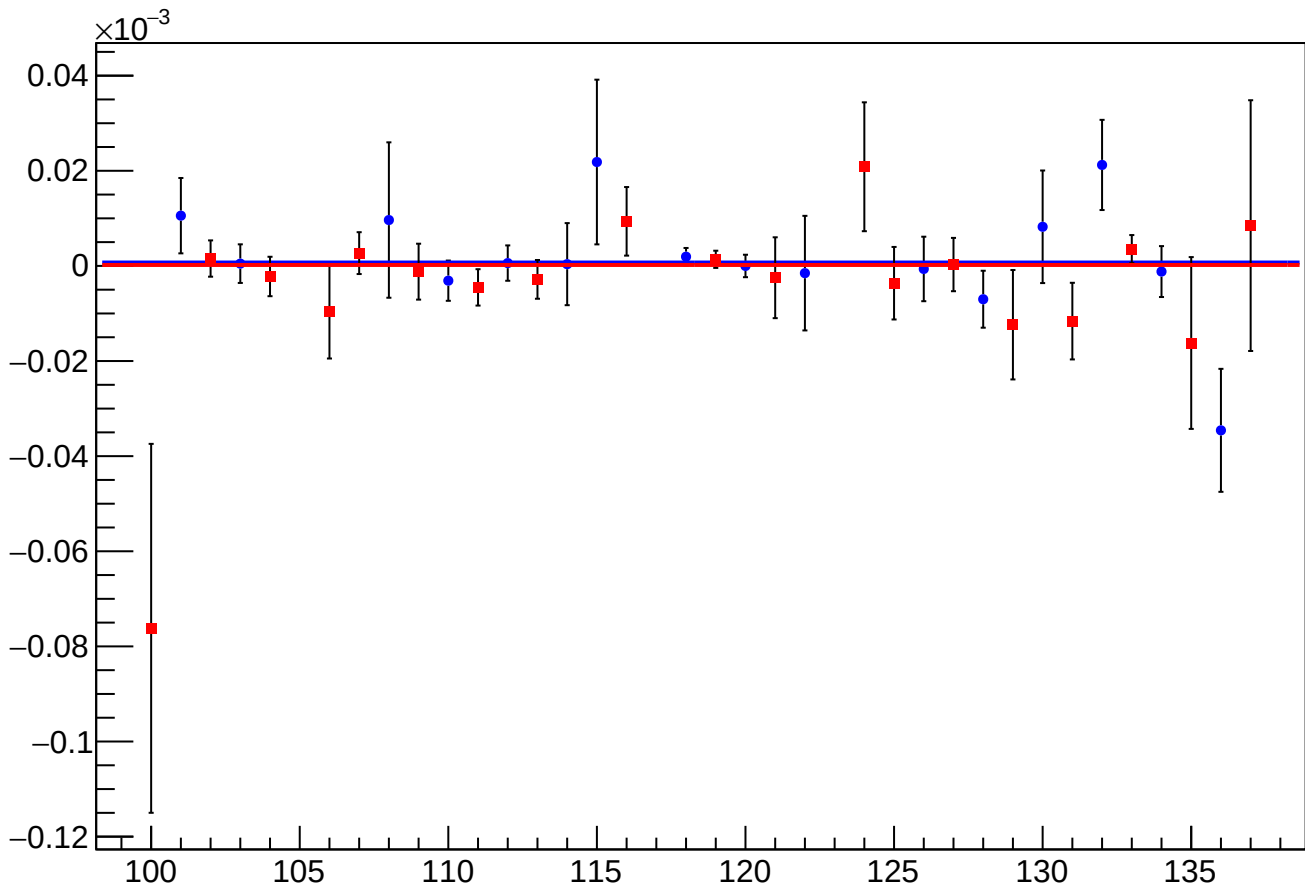
Right: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

In: 35.742 $\pm$ 0.011 χ^2 /NDF:2264790.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

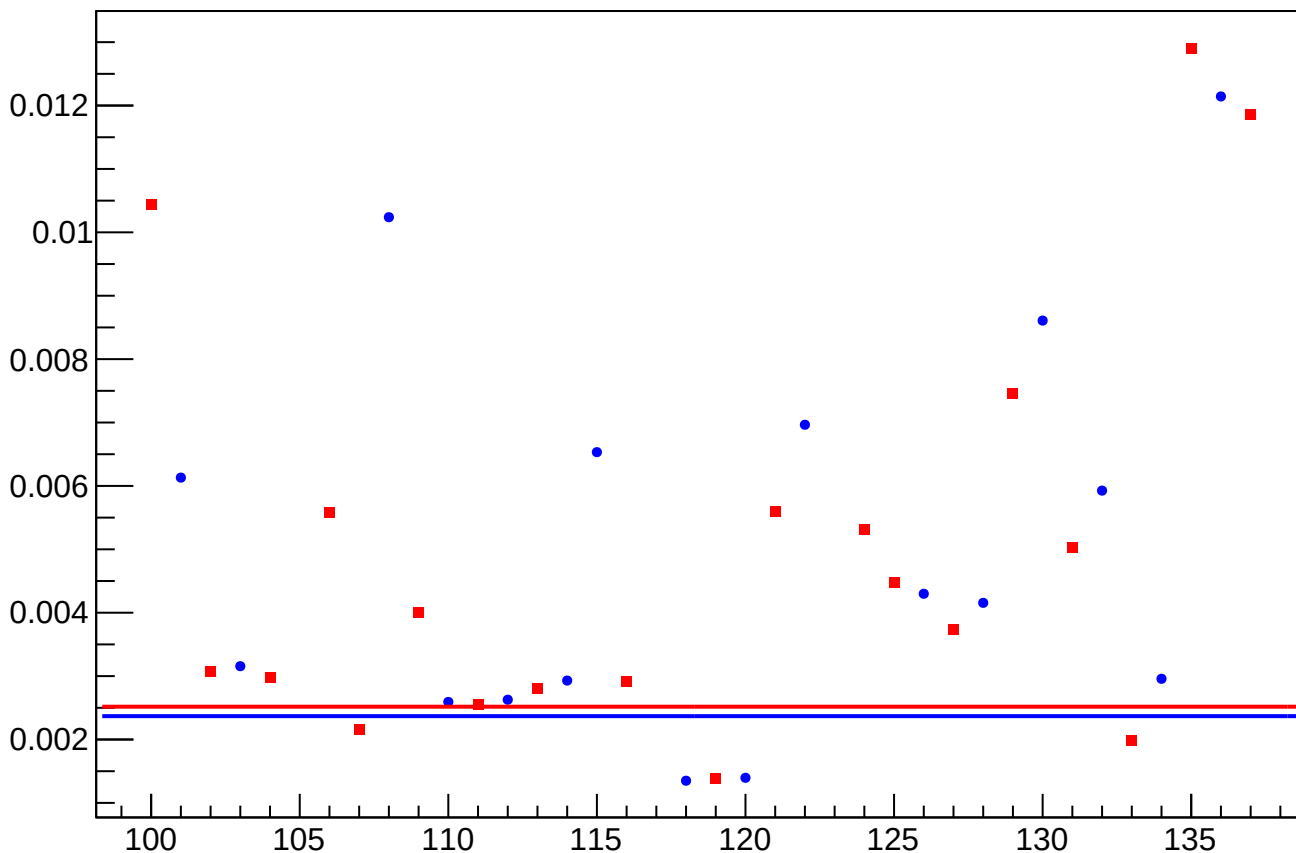
Right: 0.000+/-0.000 χ^2/NDF : 37.3/34

In: 0.000+/-0.000 χ^2/NDF : 19.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4721602.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3397462.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

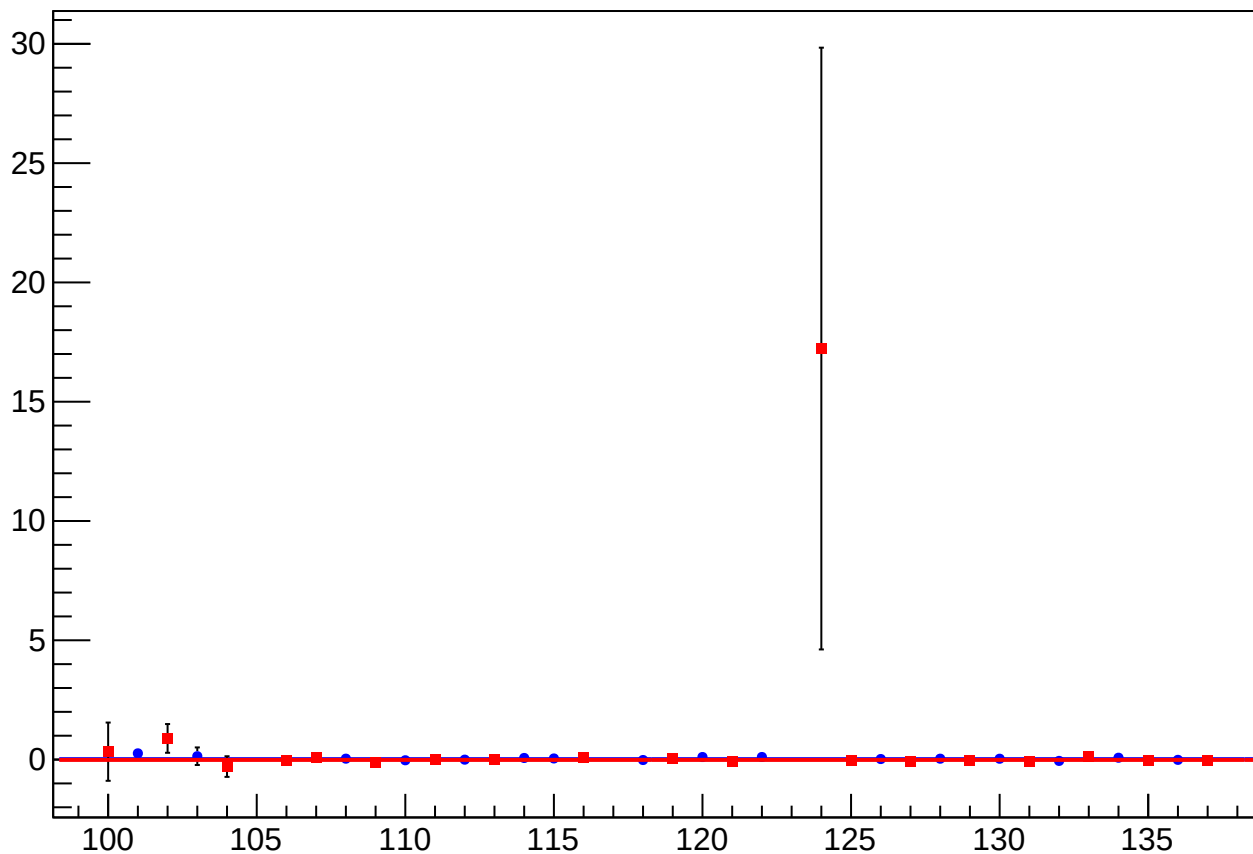
Right: 0.002+/-0.000 χ^2/NDF : 8137943.7/34

In: 0.002+/-0.000 χ^2/NDF :4721602.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8137943.7/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

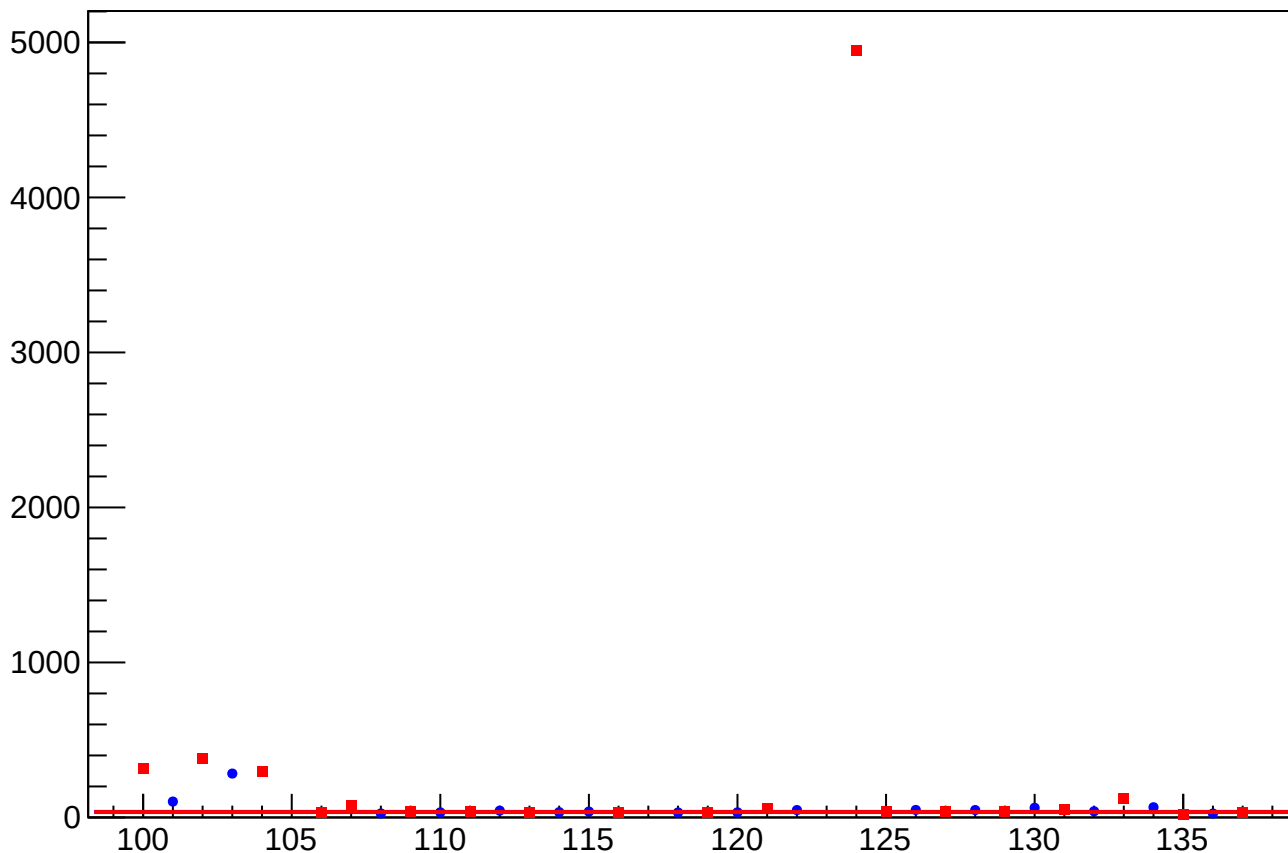
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.798+/-0.011 χ^2/NDF : 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

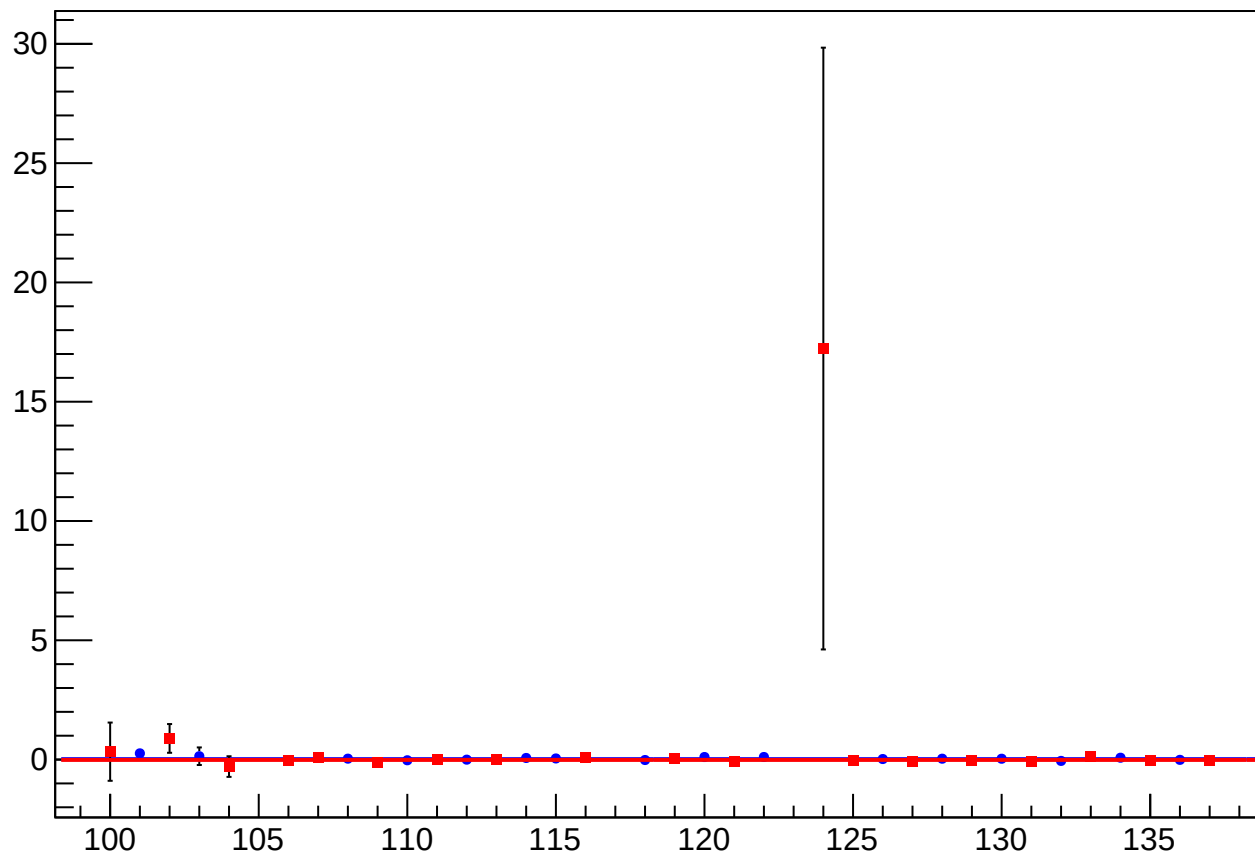
Right: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.015 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 16.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

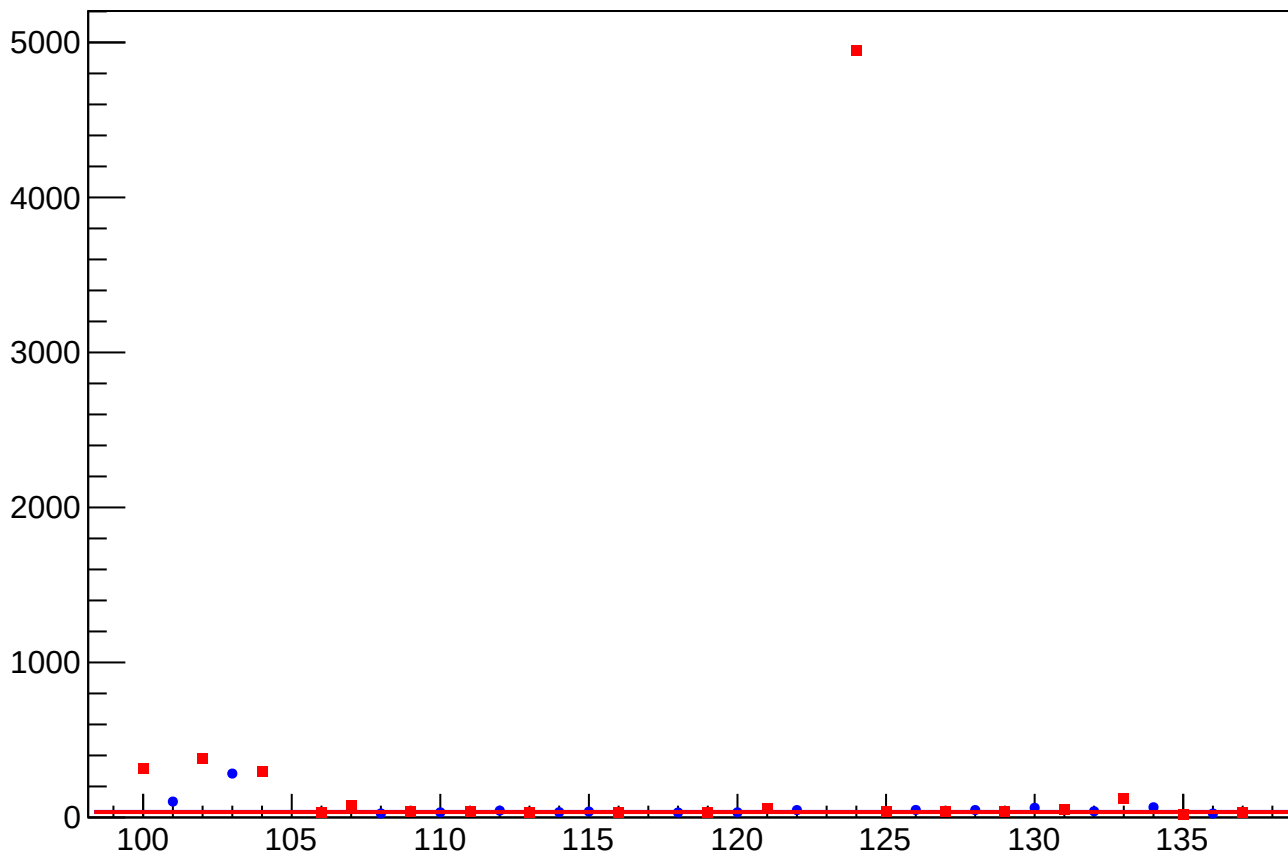
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 29.4/34

In: 0.017 $\pm$ 0.015 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.011 χ^2 /NDF: 29.4/34

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.798+/-0.011 χ^2/NDF : 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

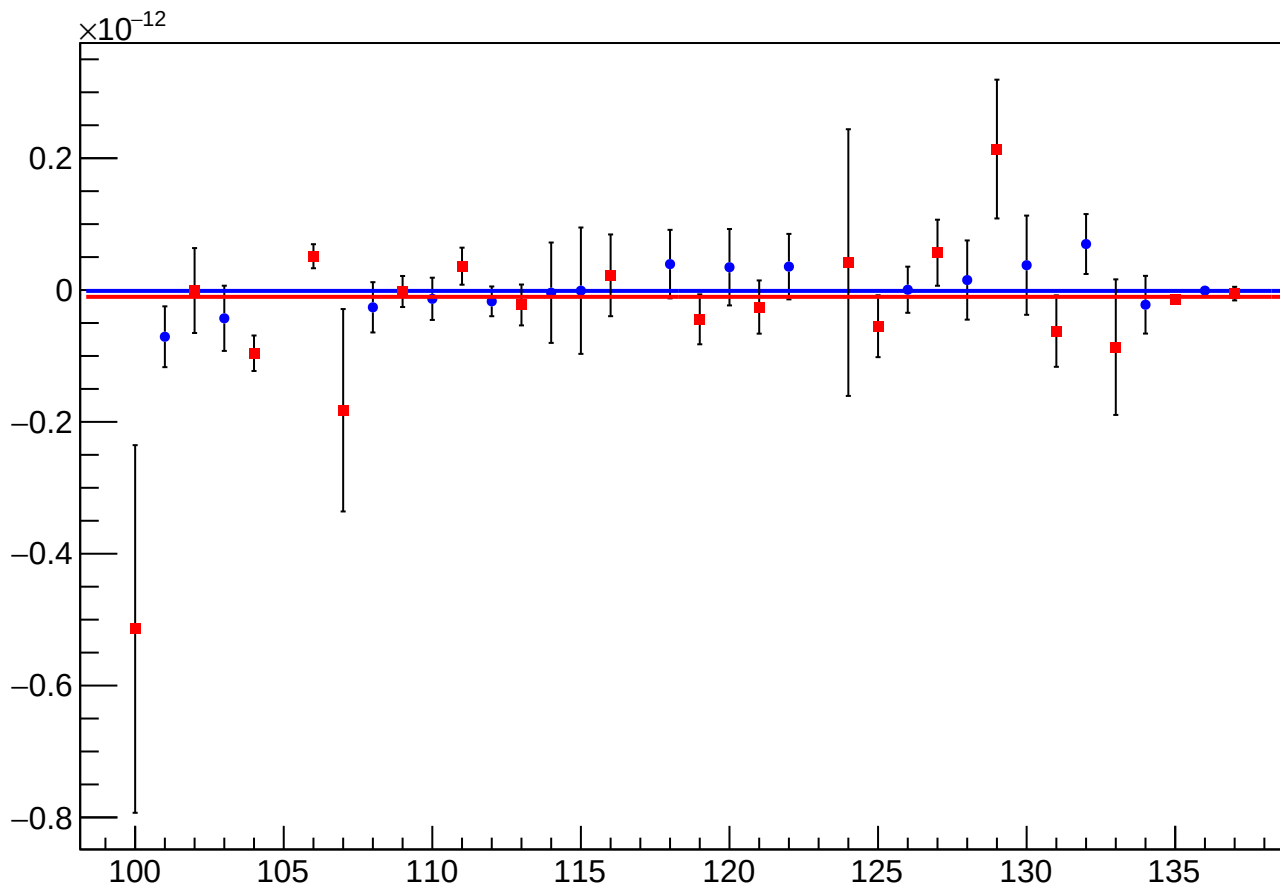
Right: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 39.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

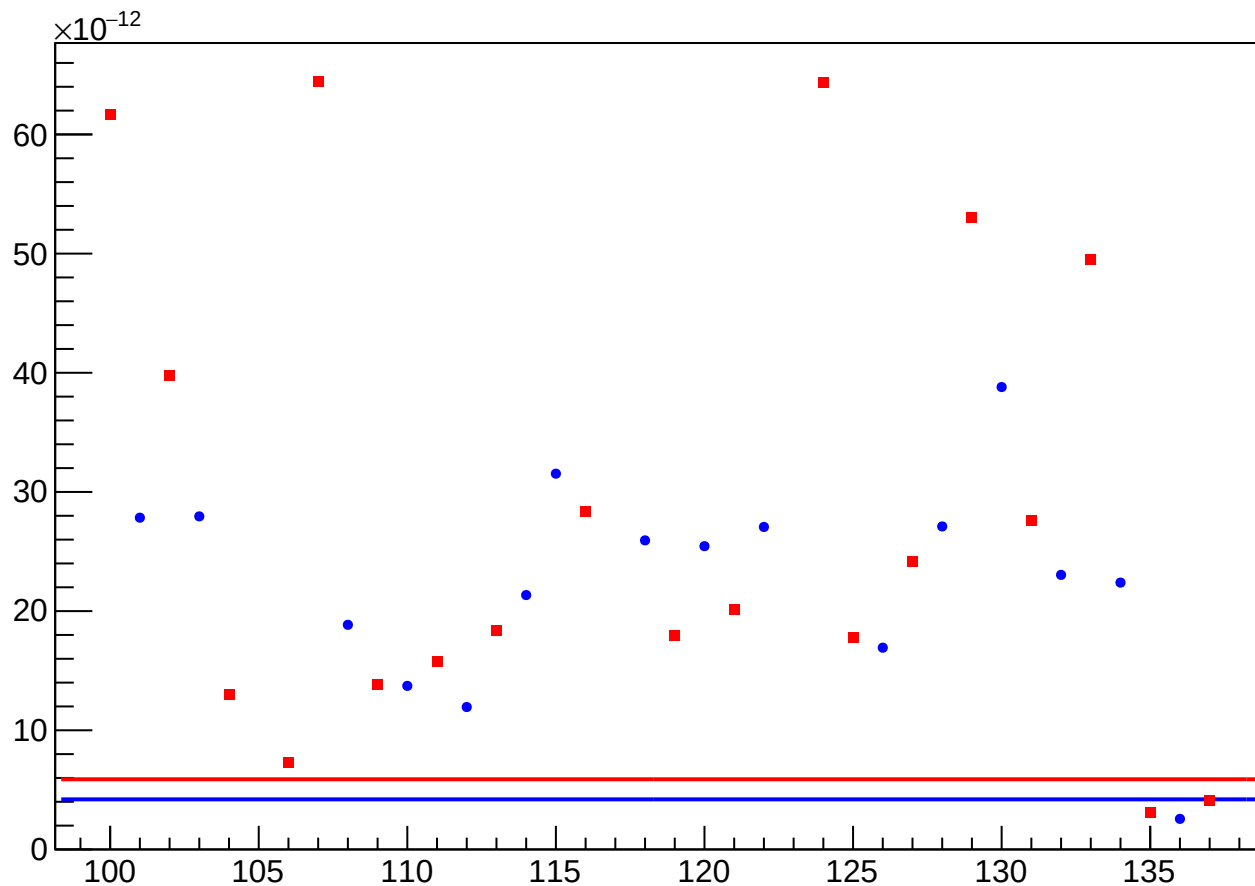
Right: -0.000 ± 0.000 χ^2/NDF : 51.3/34

In: -0.000 ± 0.000 χ^2/NDF : 8.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 51.3/34

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5080225.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4860861.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

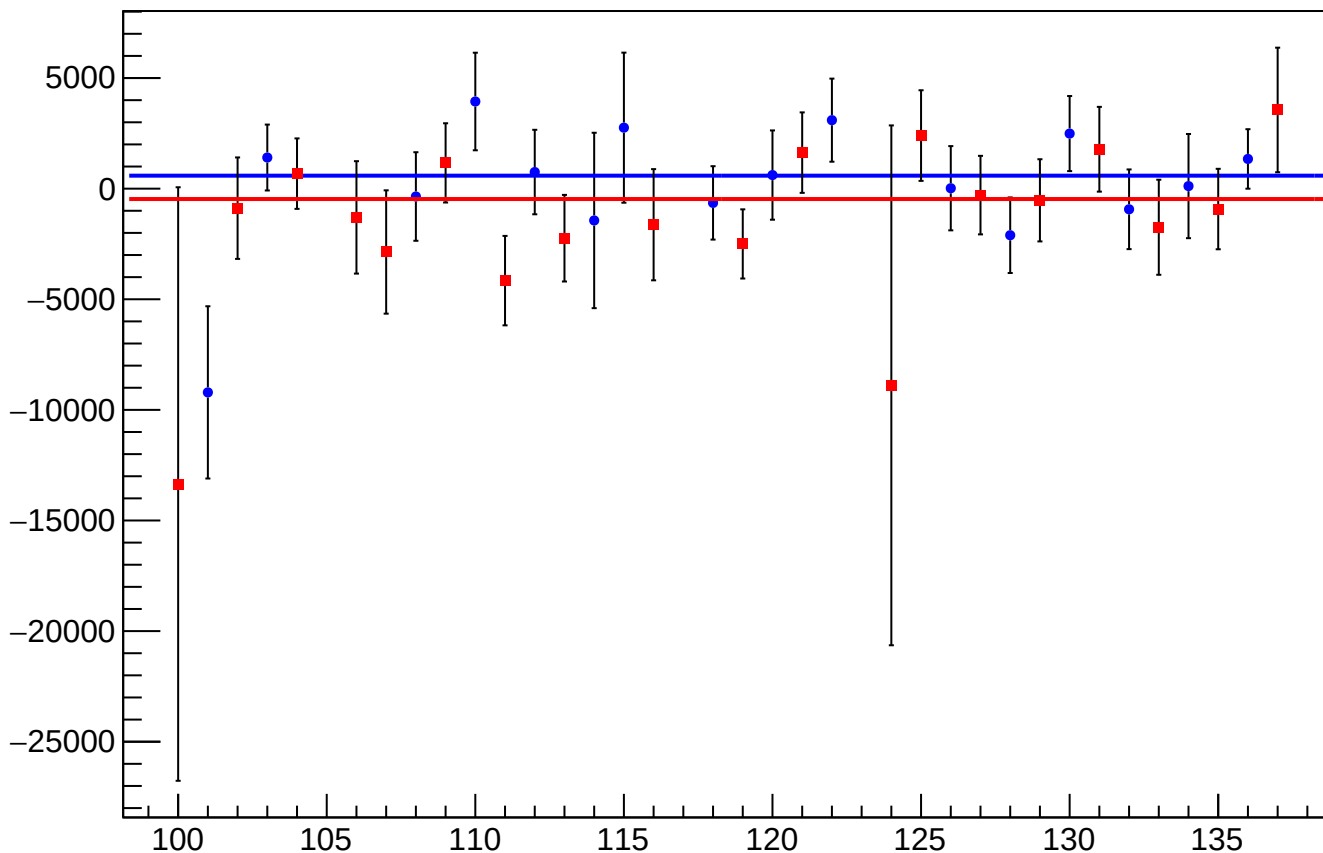
Right: 0.000+/-0.000 χ^2/NDF : 10135954.8/34

In: 0.000+/-0.000 χ^2/NDF : 5080225.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10135954.8/34

reg_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.012+/-480.516 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

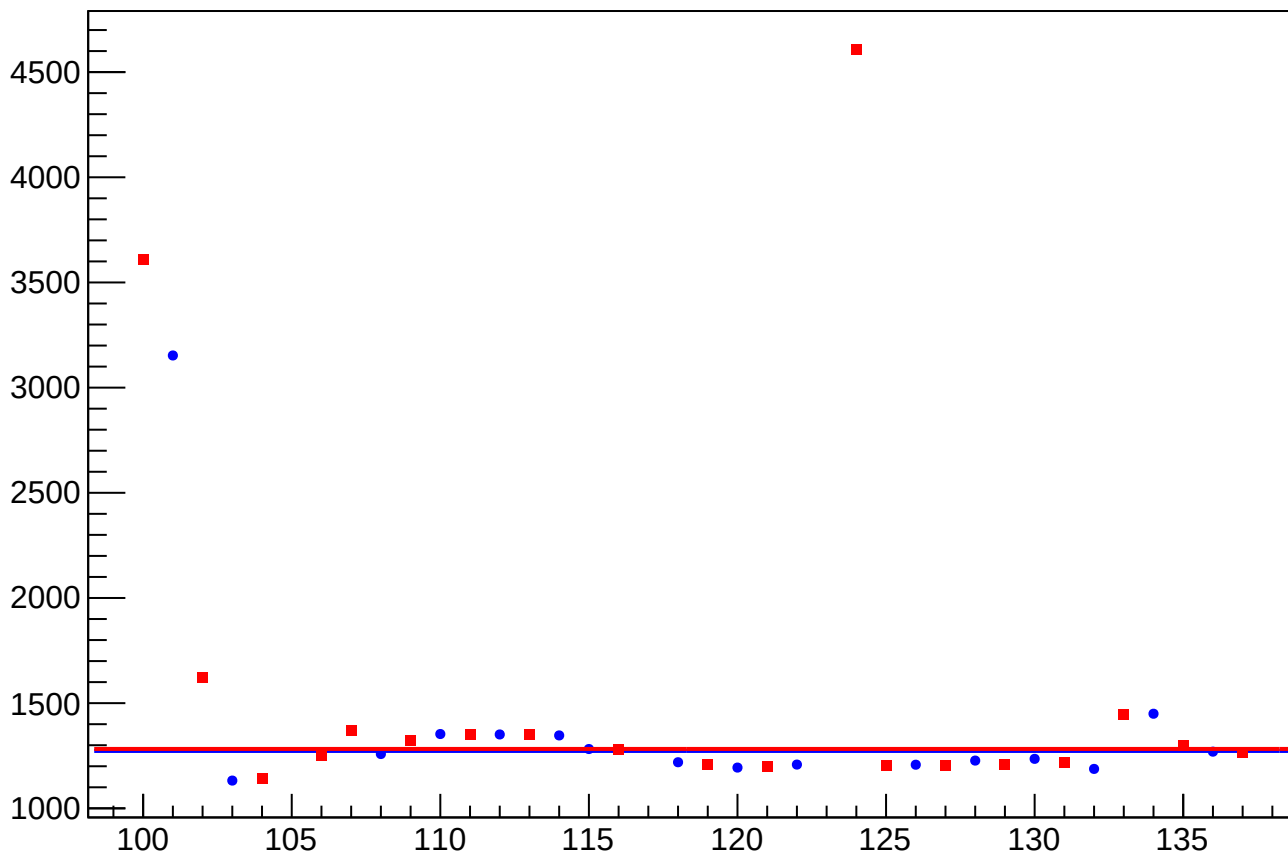
Right: 56.858+/-340.452 χ^2/NDF : 36.3/34

In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.858+/-340.452 χ^2/NDF : 36.3/34

reg_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2/NDF : 519298.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.365+/-0.340 χ^2/NDF : 322078.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

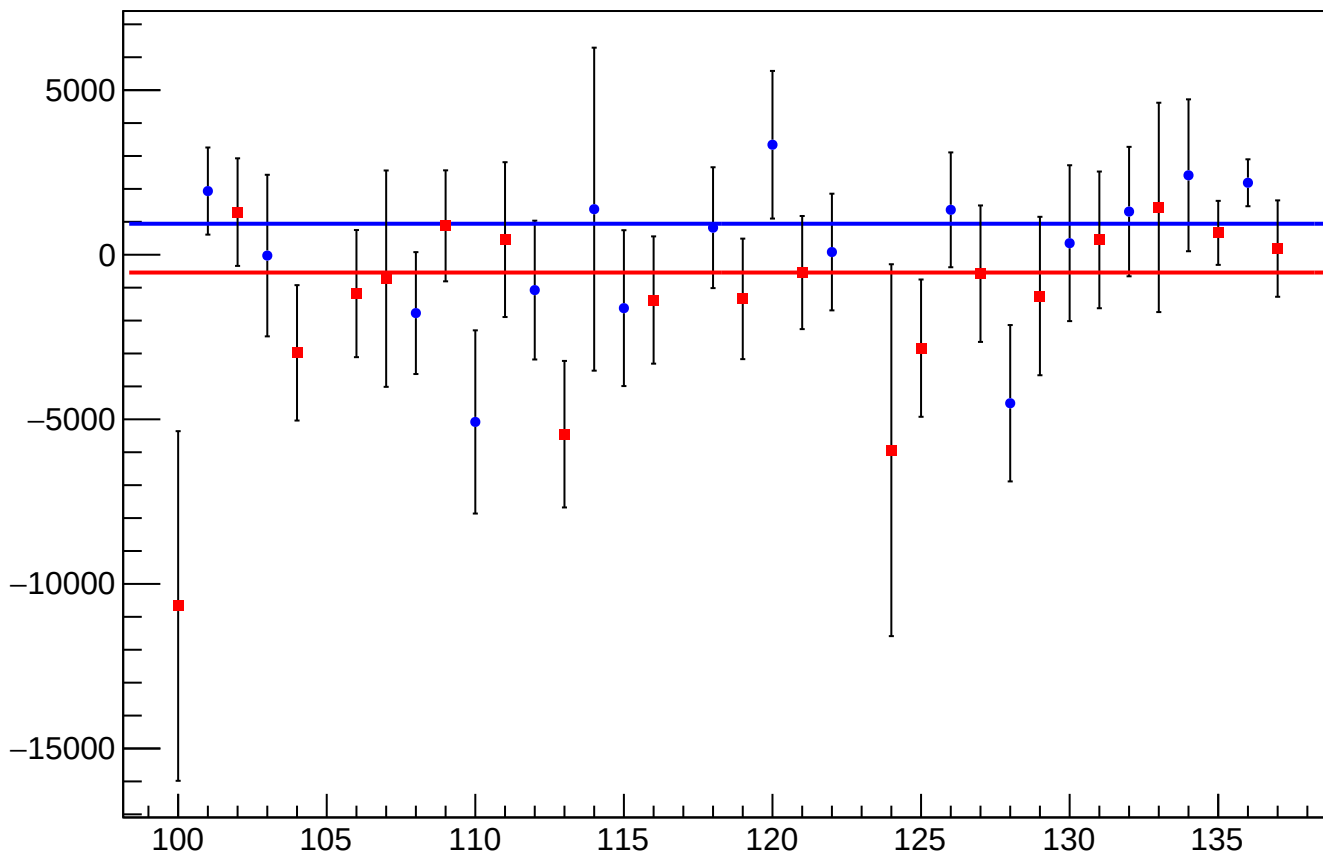
Right: 1277.604+/-0.241 χ^2/NDF : 841771.1/34

In: 1272.804+/-0.341 χ^2/NDF : 519298.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.604+/-0.241 χ^2/NDF : 841771.1/34

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 941.759+/-425.837 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -540.622+/-439.905 χ^2/NDF : 17.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

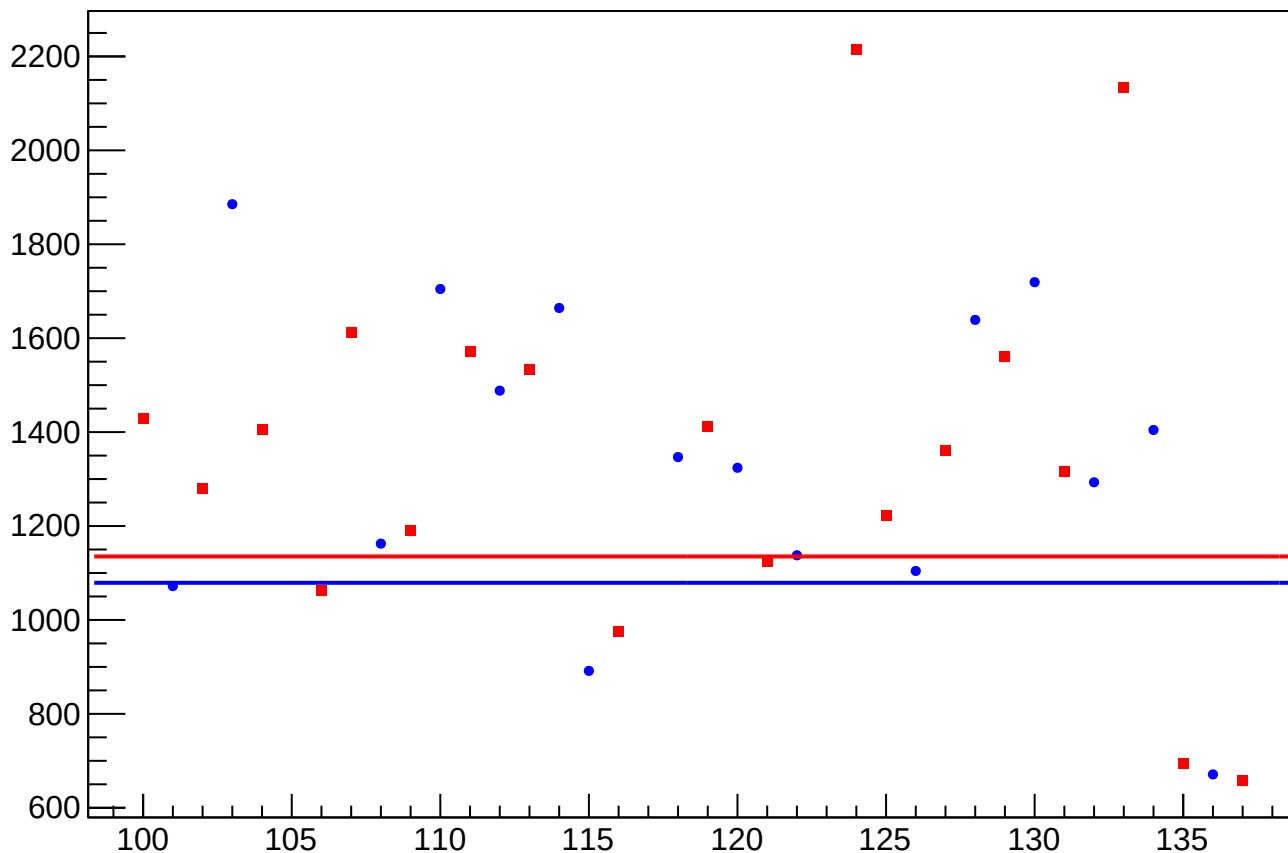
Right: 224.651+/-305.965 χ^2/NDF : 42.9/34

In: 941.759+/-425.837 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.651+/-305.965 χ^2/NDF : 42.9/34

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1079.120+/-0.301 χ^2 /NDF: 1482232.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1135.161+/-0.311 χ^2 /NDF: 1293082.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

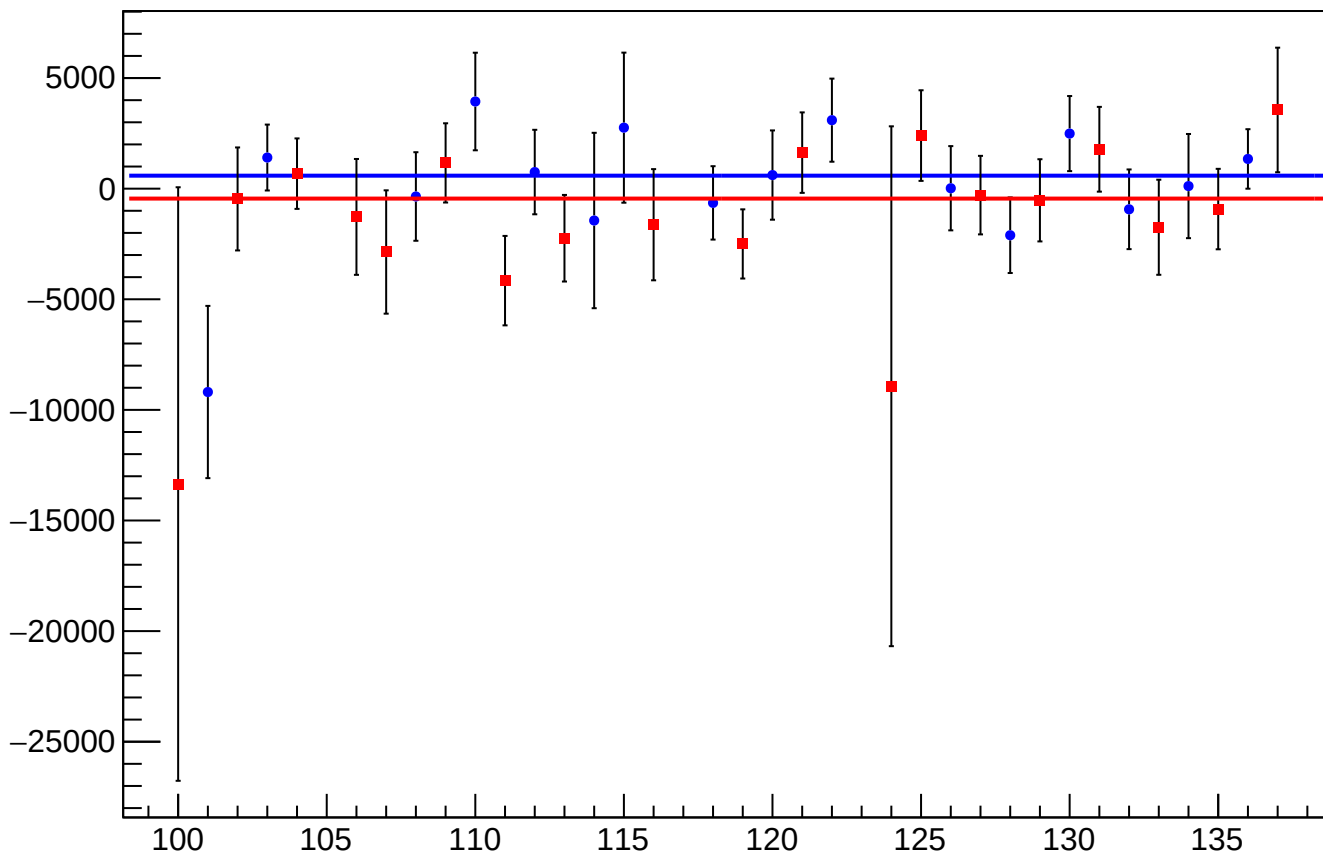
Right: 1106.230+/-0.216 χ^2 /NDF: 2792070.7/34

In: 1079.120+/-0.301 χ^2 /NDF:1482232.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1106.230+/-0.216 χ^2 /NDF: 2792070.7/34

cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.412+/-481.333 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

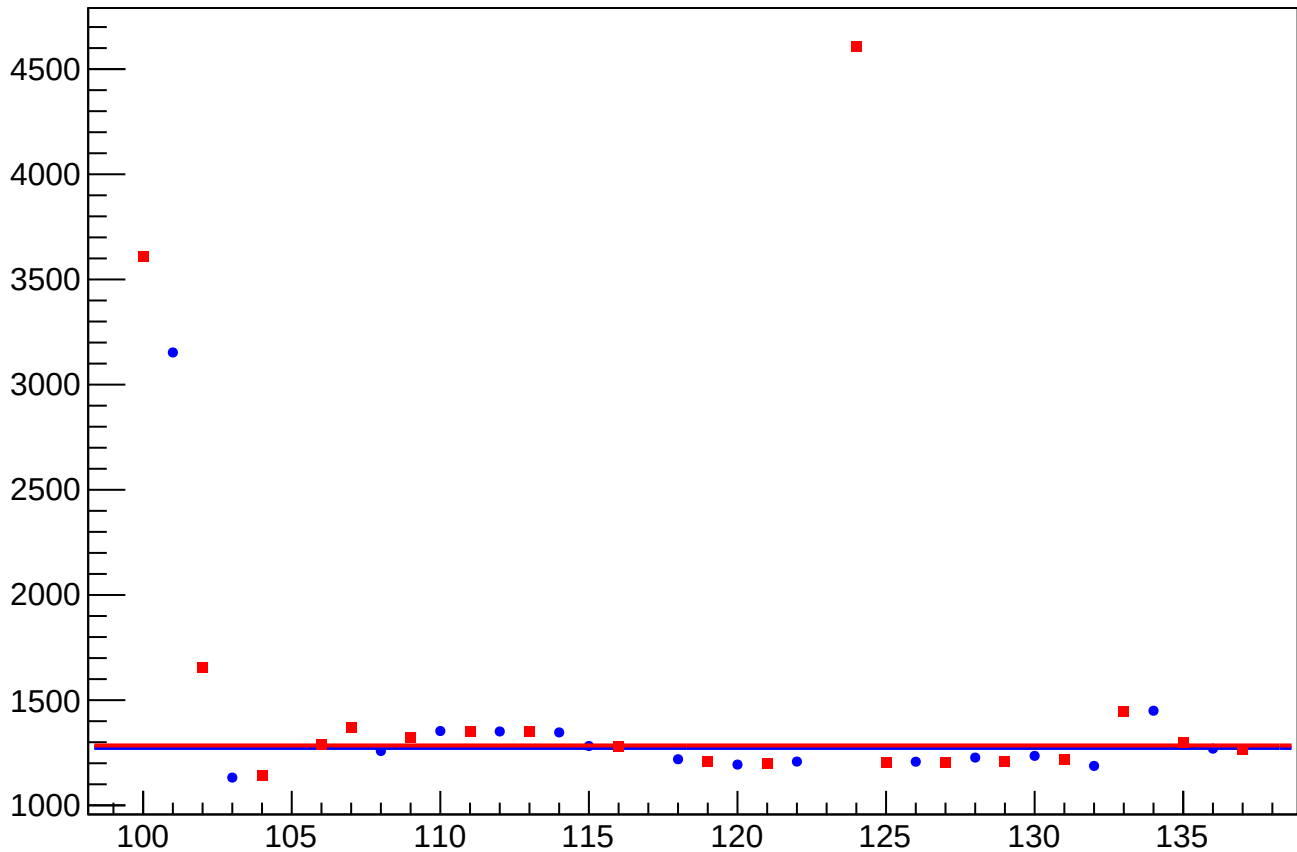
Right: 68.238+/-340.742 χ^2/NDF : 36.2/34

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.238+/-340.742 χ^2/NDF : 36.2/34

cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.654+/-0.340 χ^2/NDF : 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

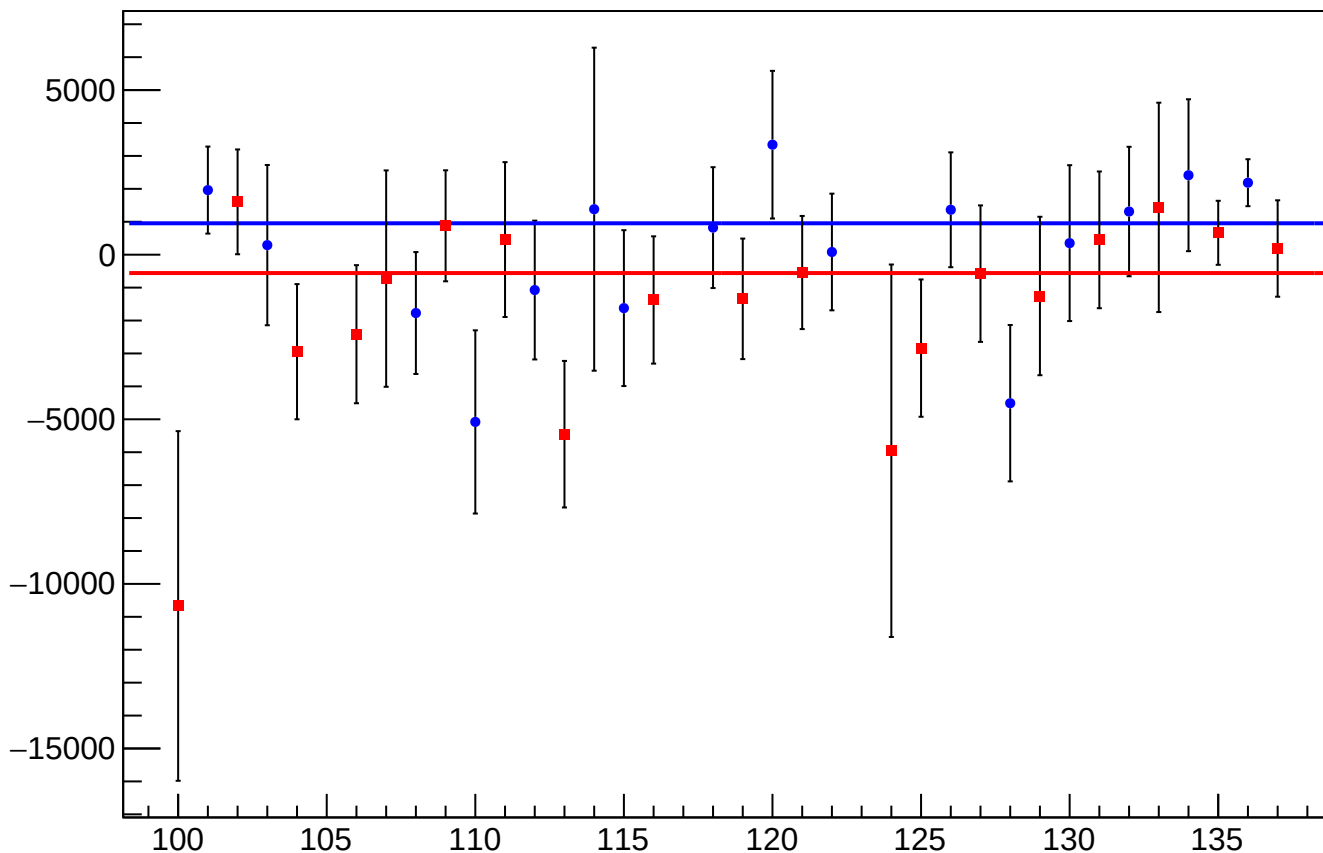
Right: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146 $\pm$ 425.660 χ^2 /NDF: 19.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -557.935 $\pm$ 440.758 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

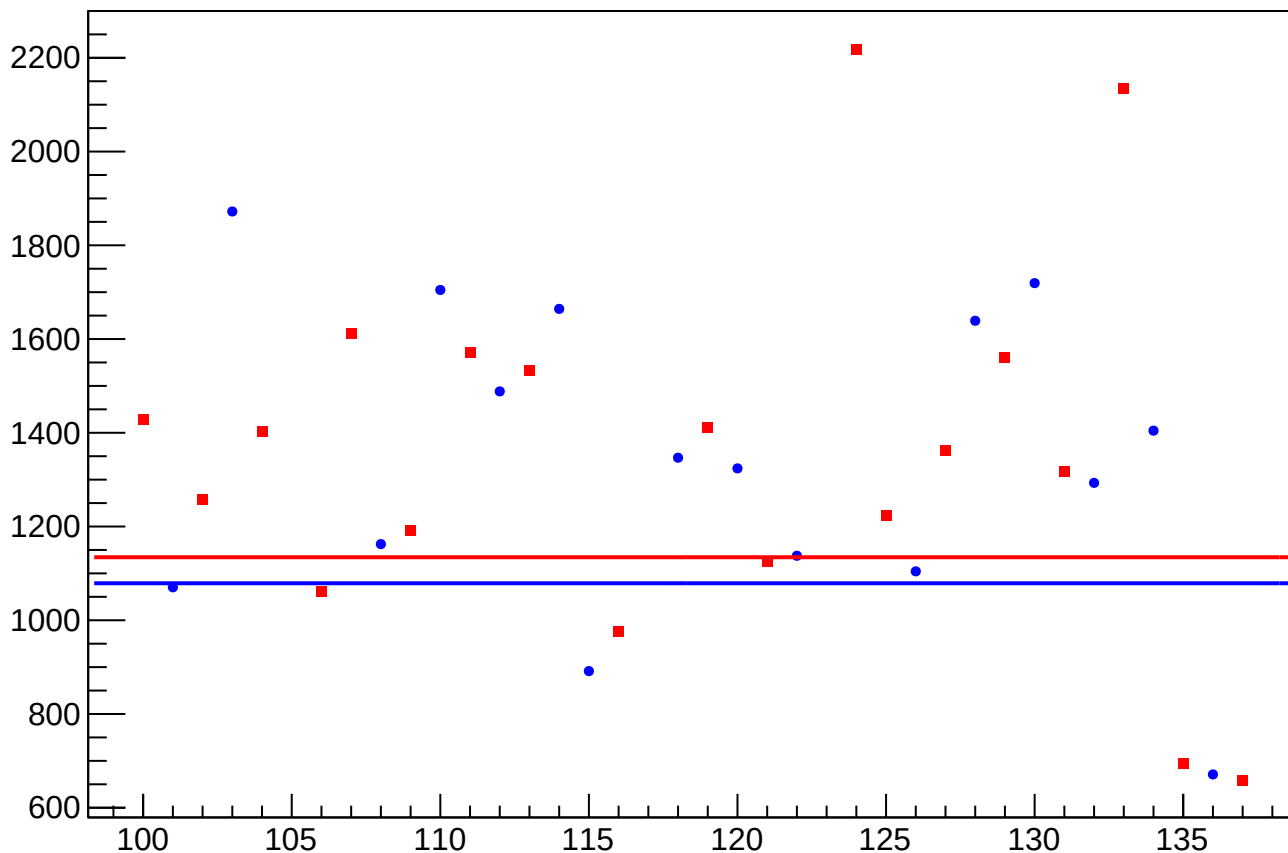
Right: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

In: 954.146 $\pm$ 425.660 χ^2 /NDF:19.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1078.932+/-0.301 χ^2/NDF : 1478719.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF : 1288899.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

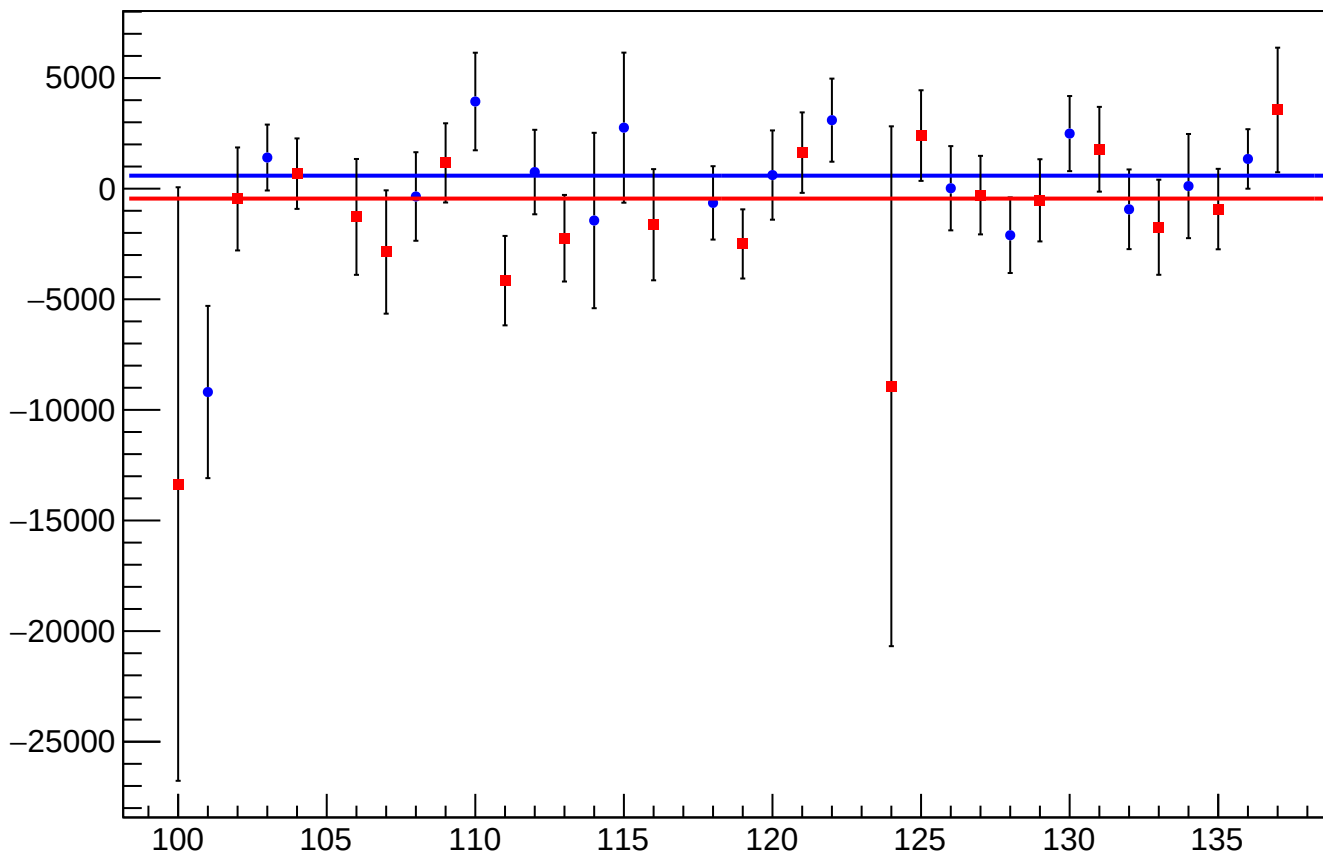
Right: 1105.713+/-0.217 χ^2/NDF : 2784024.9/34

In: 1078.932+/-0.301 χ^2/NDF :1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1105.713+/-0.217 χ^2/NDF : 2784024.9/34

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.412+/-481.333 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

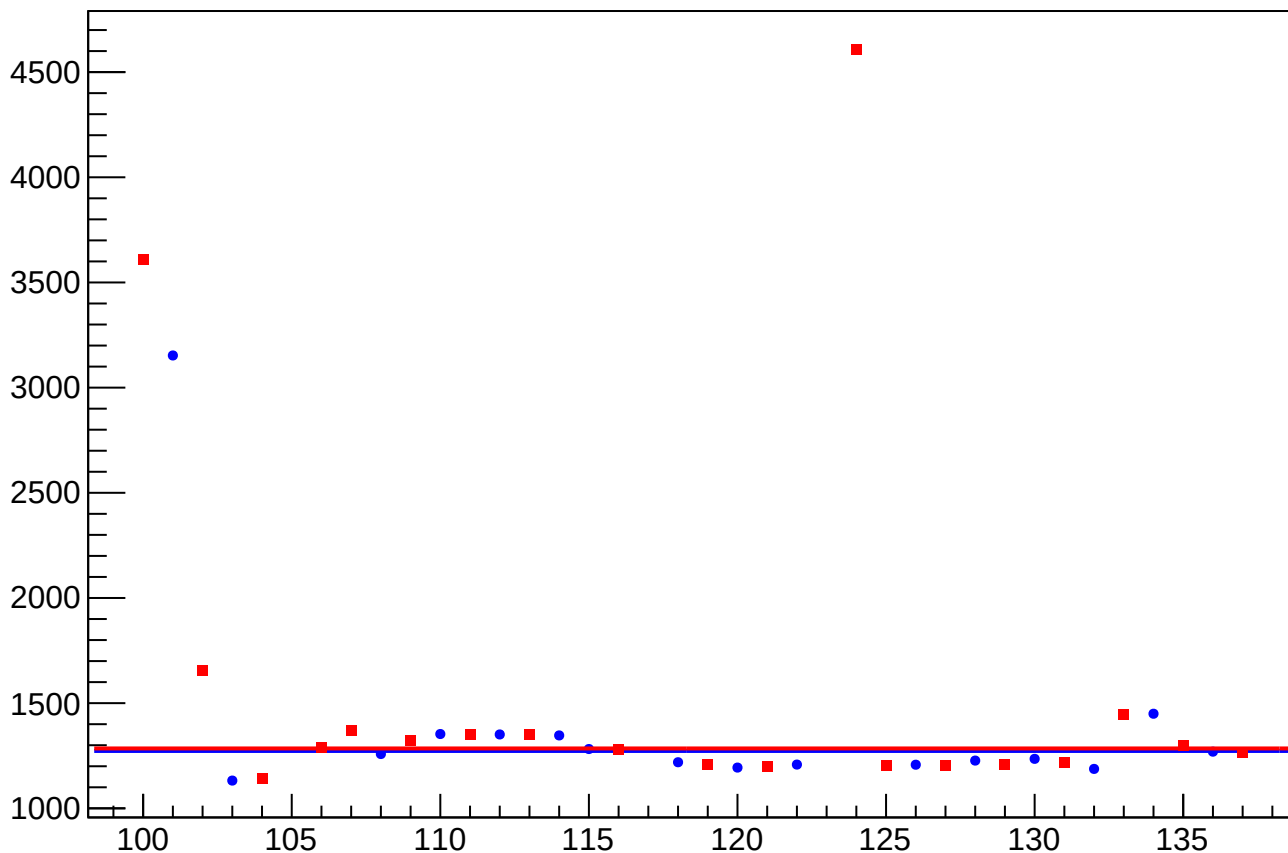
Right: 68.238+/-340.742 χ^2/NDF : 36.2/34

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.238+/-340.742 χ^2/NDF : 36.2/34

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.654+/-0.340 χ^2/NDF : 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

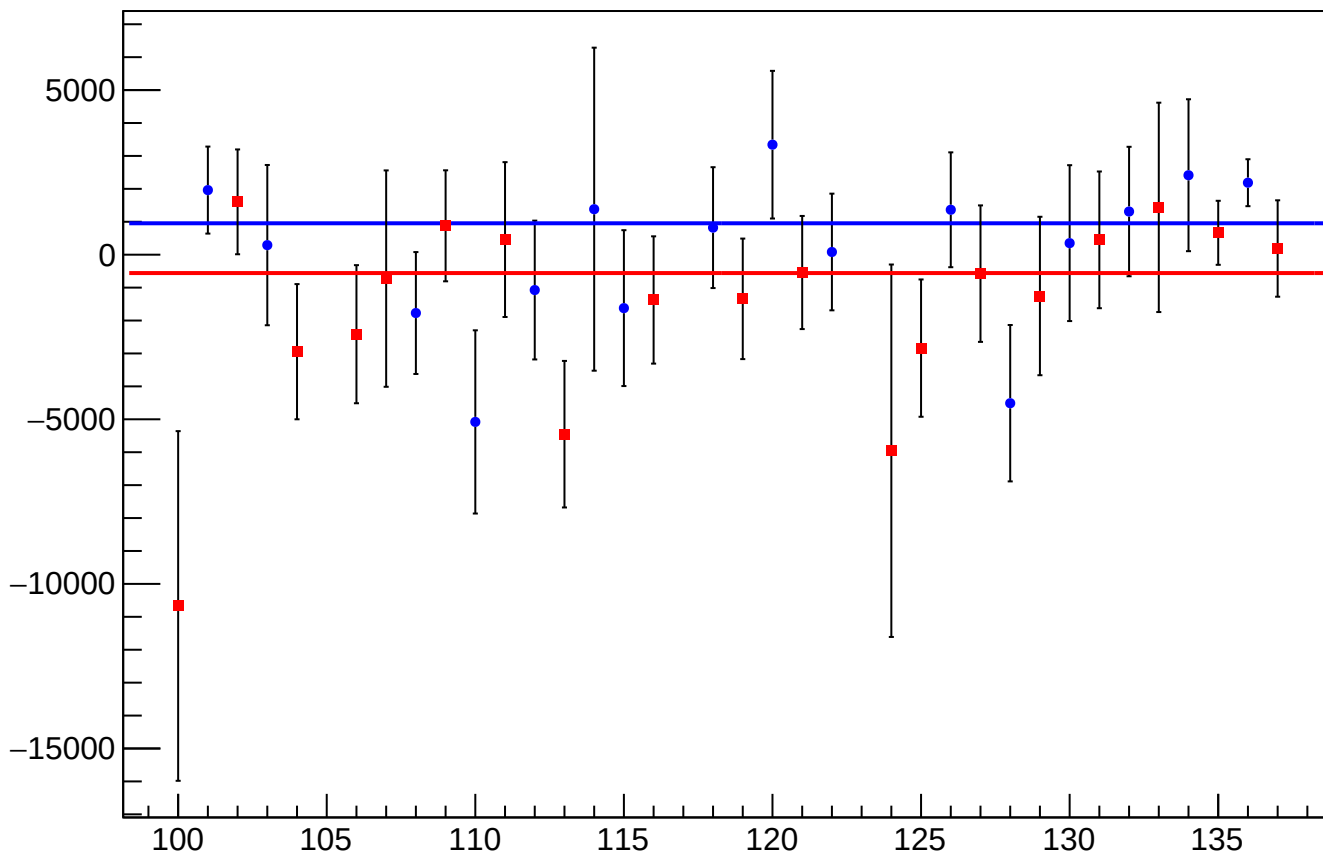
Right: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146 $\pm$ 425.660 χ^2 /NDF: 19.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -557.935 $\pm$ 440.758 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

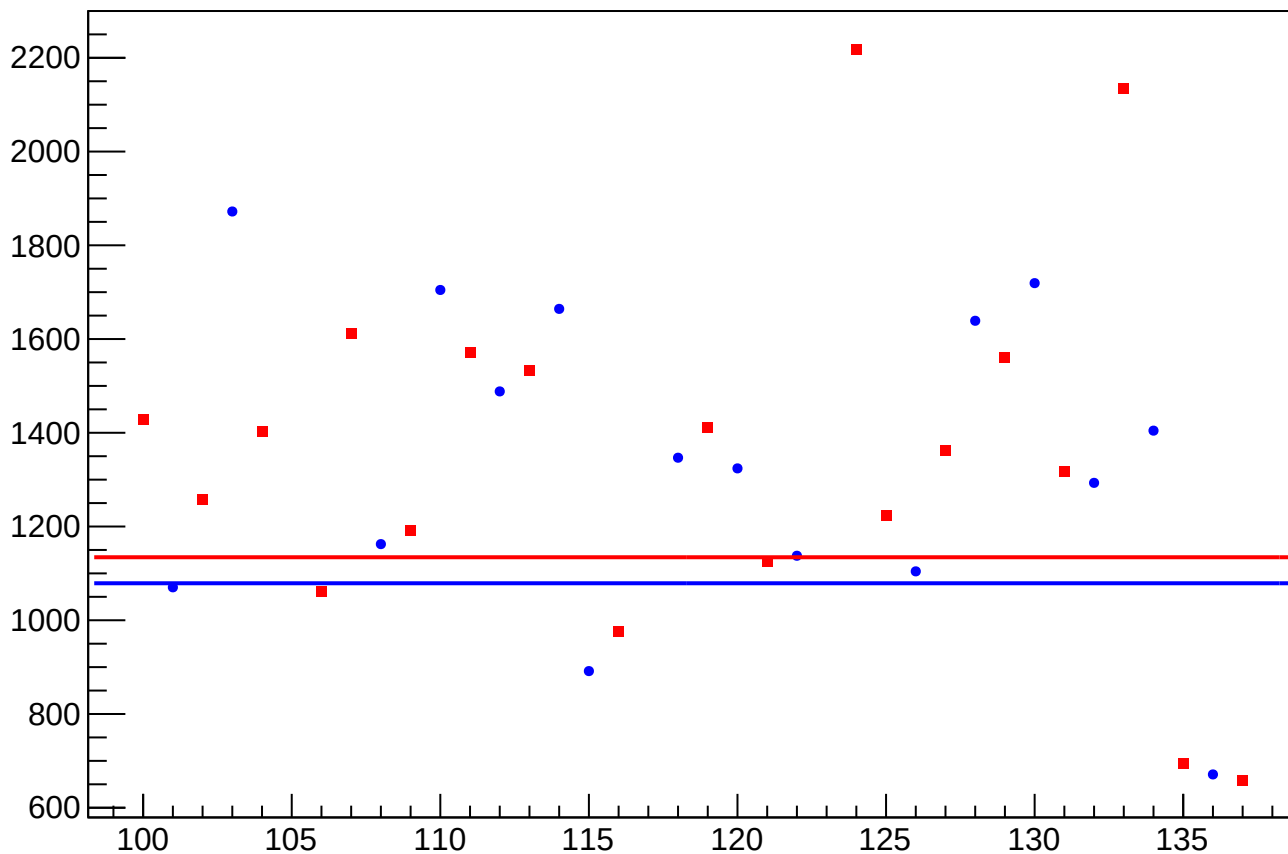
Right: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

In: 954.146 $\pm$ 425.660 χ^2 /NDF:19.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1078.932+/-0.301 χ^2/NDF : 1478719.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1134.428+/-0.312 χ^2/NDF : 1288899.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

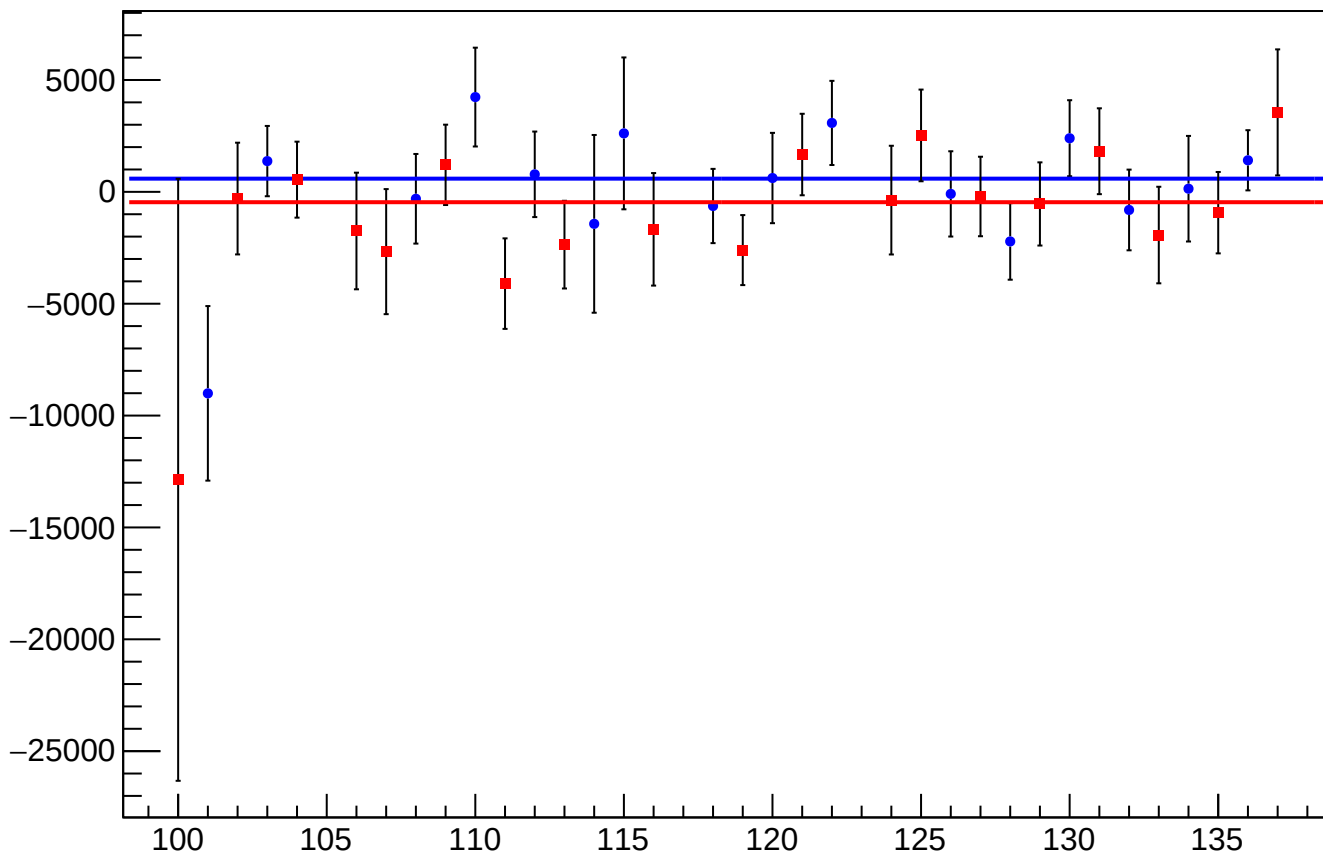
Right: 1105.713+/-0.217 χ^2/NDF : 2784024.9/34

In: 1078.932+/-0.301 χ^2/NDF :1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1105.713+/-0.217 χ^2/NDF : 2784024.9/34

dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 590.322 $\pm$ 485.483 χ^2 /NDF: 17.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -462.606 $\pm$ 476.795 χ^2 /NDF: 16.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

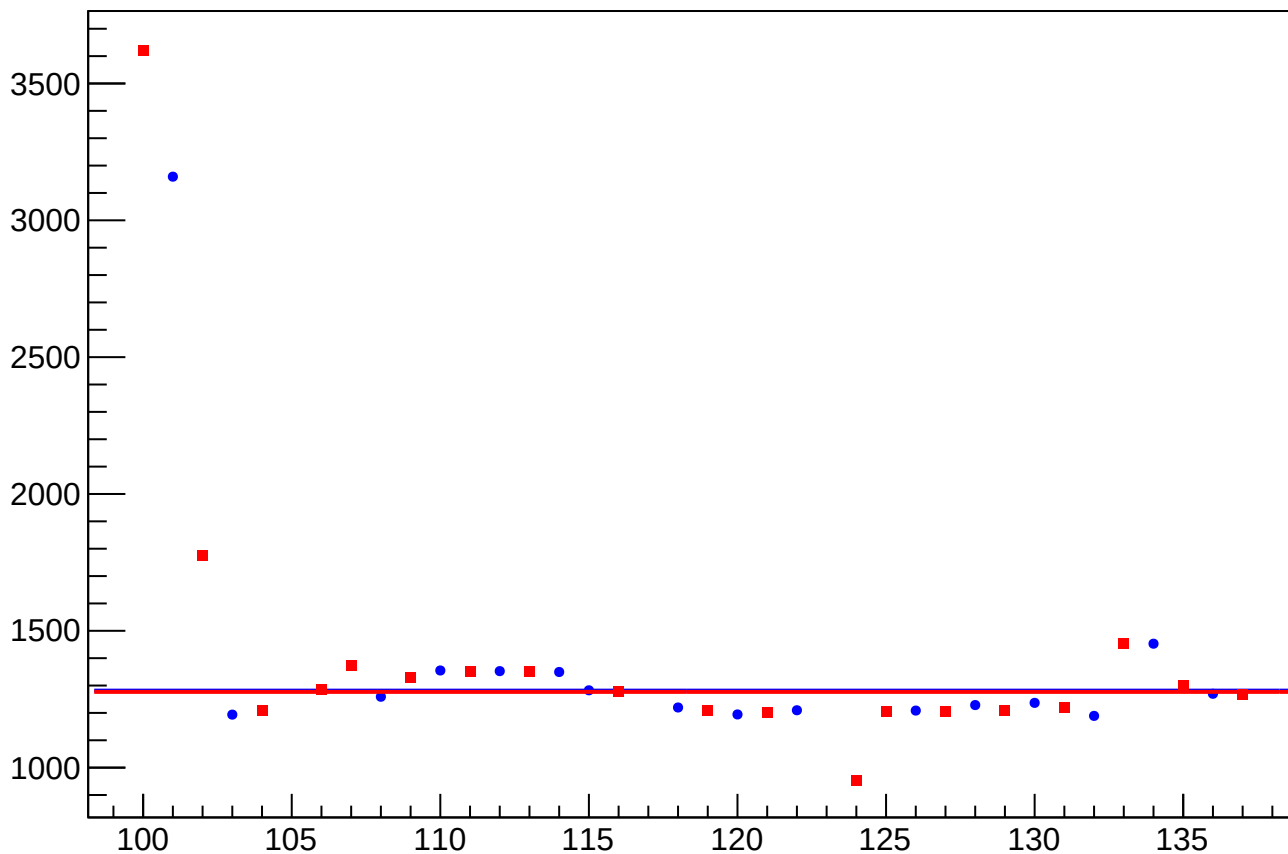
Right: 54.353 $\pm$ 340.175 χ^2 /NDF: 36.2/34

In: 590.322 $\pm$ 485.483 χ^2 /NDF:17.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.353 $\pm$ 340.175 χ^2 /NDF: 36.2/34

dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1281.369+/-0.343 χ^2/NDF : 507078.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.860+/-0.337 χ^2/NDF : 220513.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

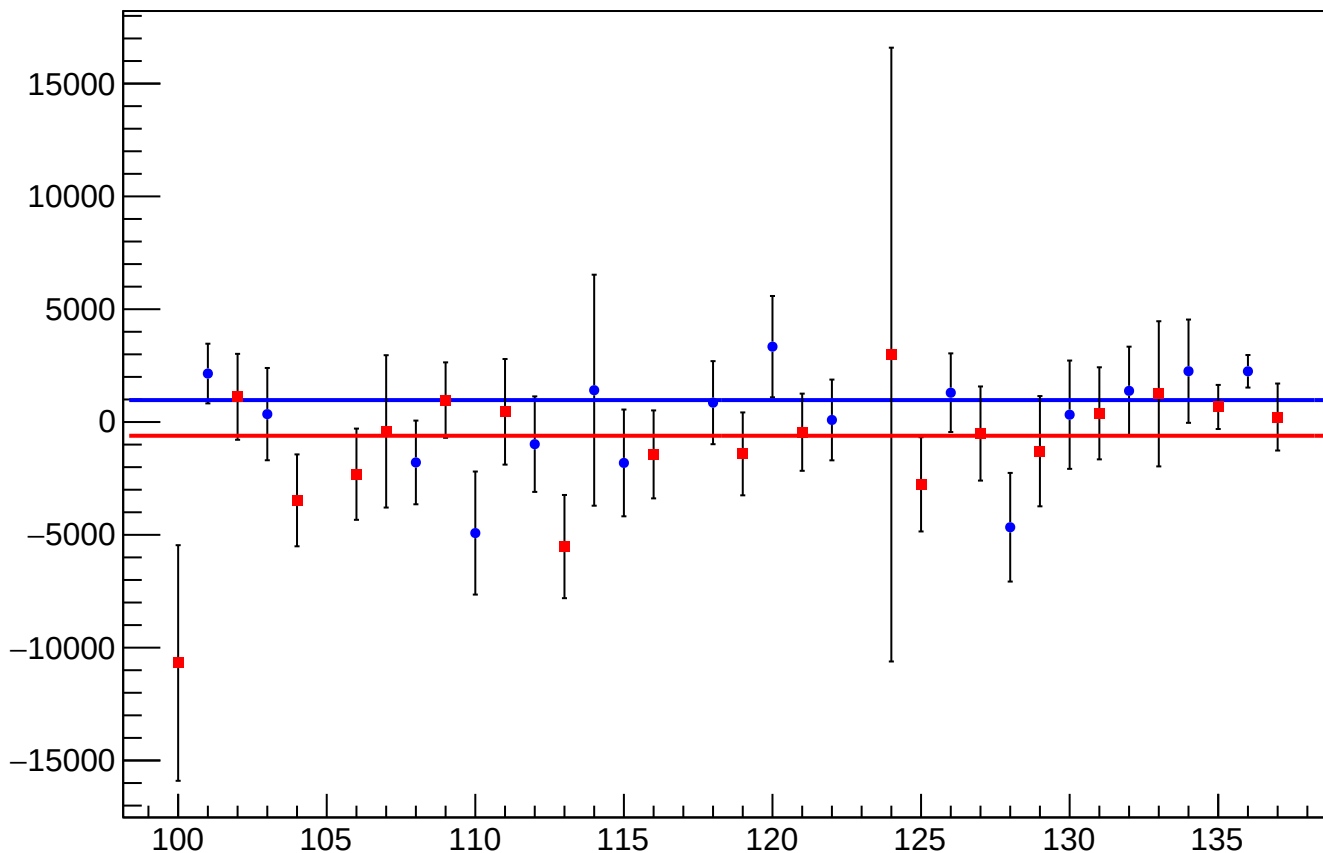
Right: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

In: 1281.369+/-0.343 χ^2/NDF : 507078.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 972.287 $\pm$ 425.219 χ^2 /NDF: 20.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -608.431 $\pm$ 447.734 χ^2 /NDF: 17.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

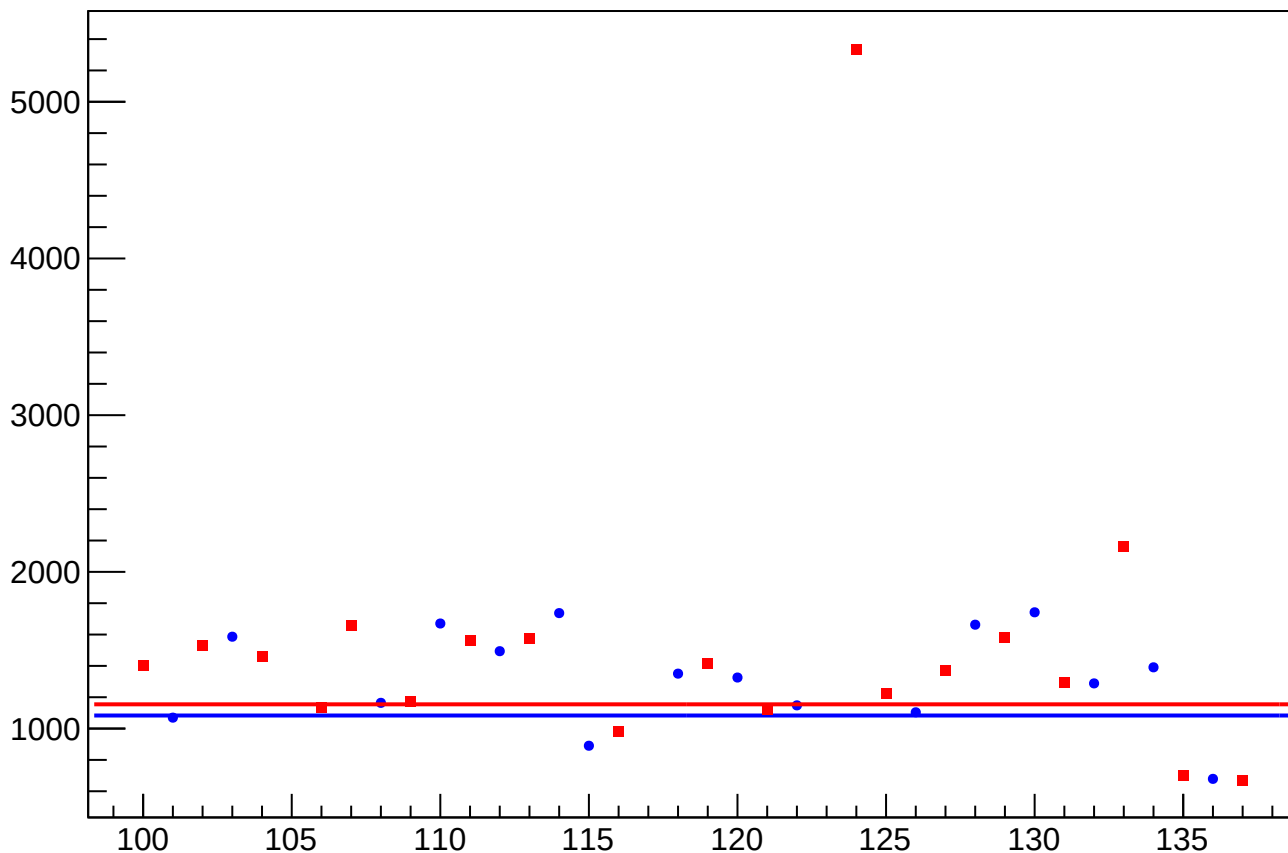
Right: 222.671 $\pm$ 308.328 χ^2 /NDF: 44.1/34

In: 972.287 $\pm$ 425.219 χ^2 /NDF:20.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 222.671 $\pm$ 308.328 χ^2 /NDF: 44.1/34

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.335+/-0.301 χ^2/NDF : 1360153.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1154.724+/-0.317 χ^2/NDF : 1488304.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

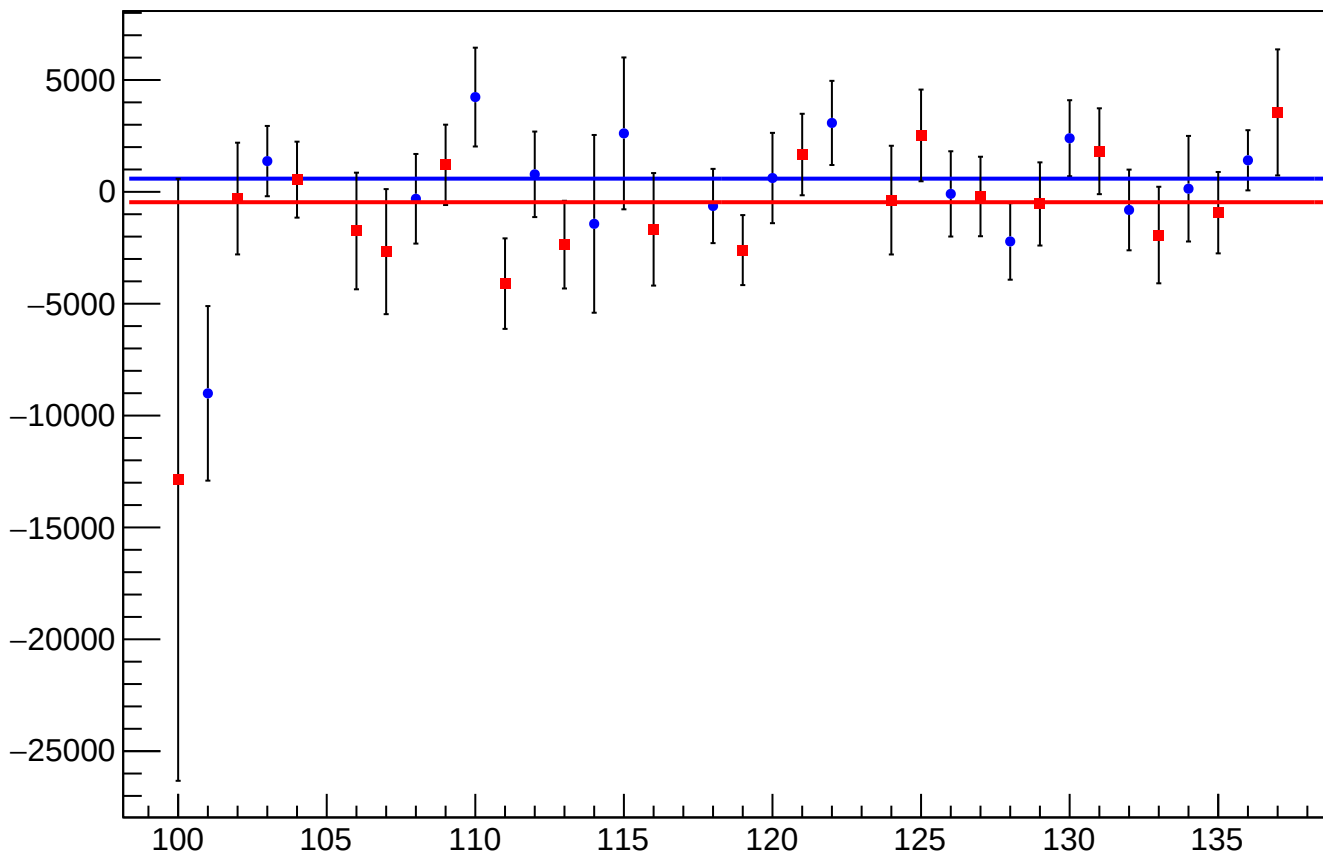
Right: 1117.189+/-0.218 χ^2/NDF : 2875191.7/34

In: 1083.335+/-0.301 χ^2/NDF :1360153.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1117.189+/-0.218 χ^2/NDF : 2875191.7/34

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 590.323+/-485.483 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -462.605+/-476.795 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

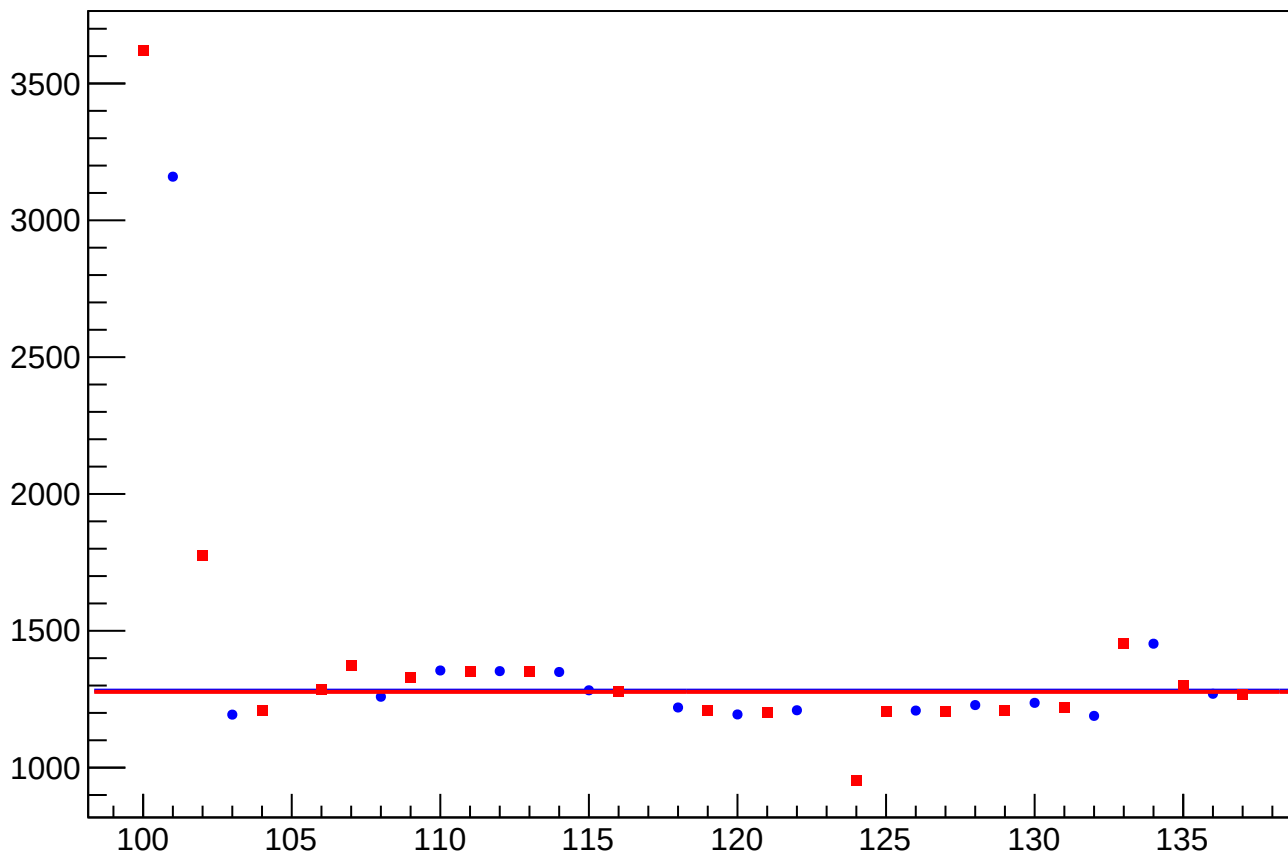
Right: 54.354+/-340.175 χ^2/NDF : 36.2/34

In: 590.323+/-485.483 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.354+/-340.175 χ^2/NDF : 36.2/34

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1281.369+/-0.343 χ^2/NDF : 507078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.860+/-0.337 χ^2/NDF : 220513.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

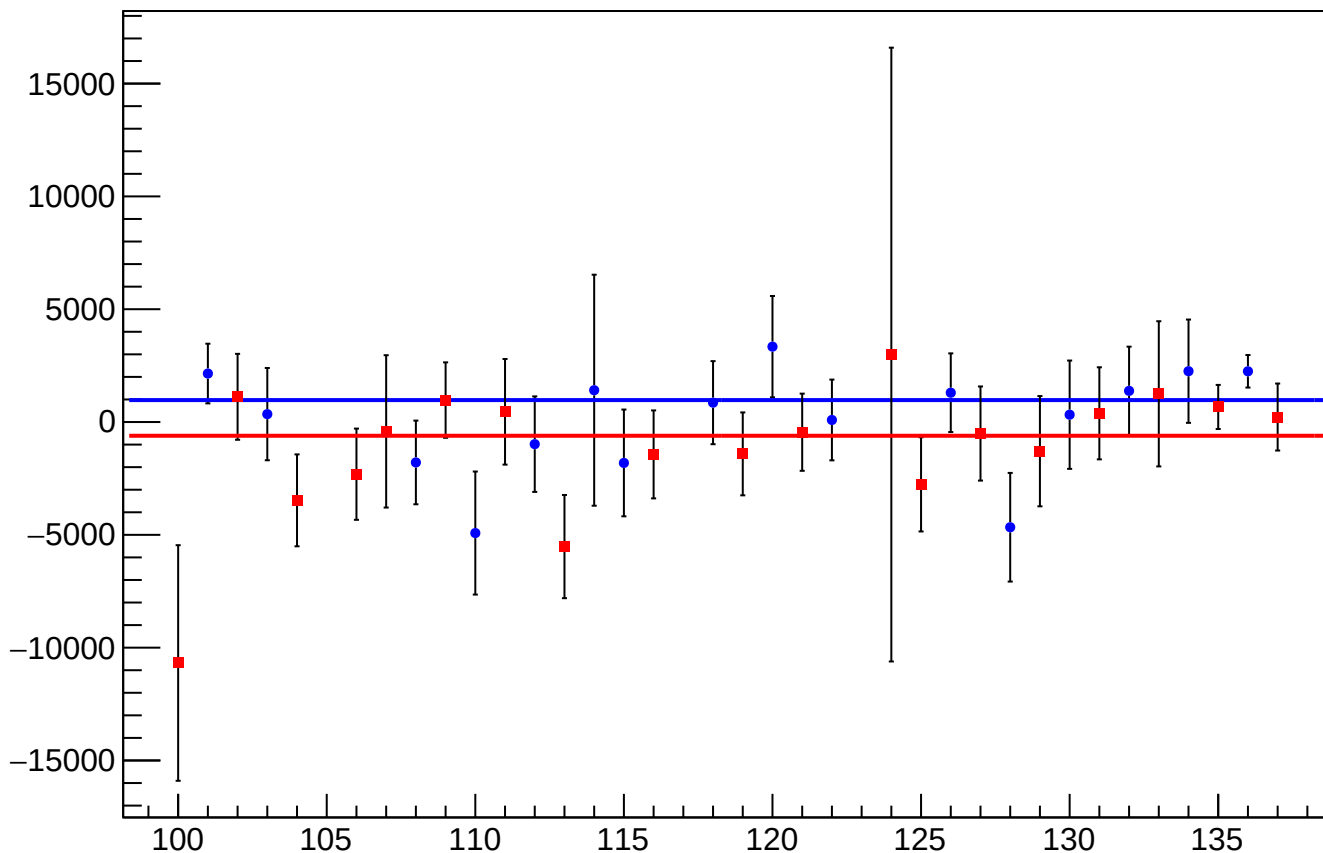
Right: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

In: 1281.369+/-0.343 χ^2/NDF : 507078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 972.281+/-425.220 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -608.441+/-447.736 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

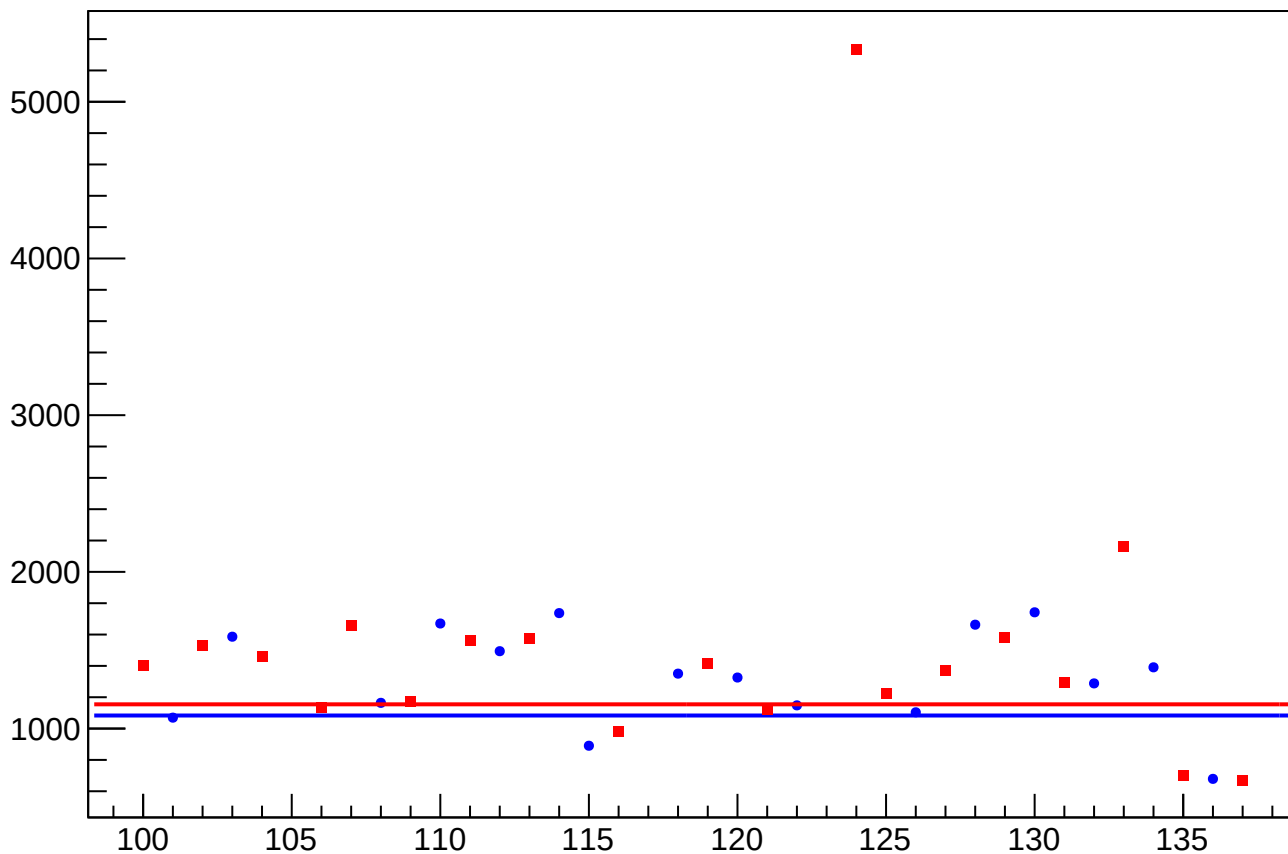
Right: 222.664+/-308.329 χ^2/NDF : 44.1/34

In: 972.281+/-425.220 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.664+/-308.329 χ^2/NDF : 44.1/34

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.341+/-0.301 χ^2/NDF : 1360095.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1154.732+/-0.317 χ^2/NDF : 1488251.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

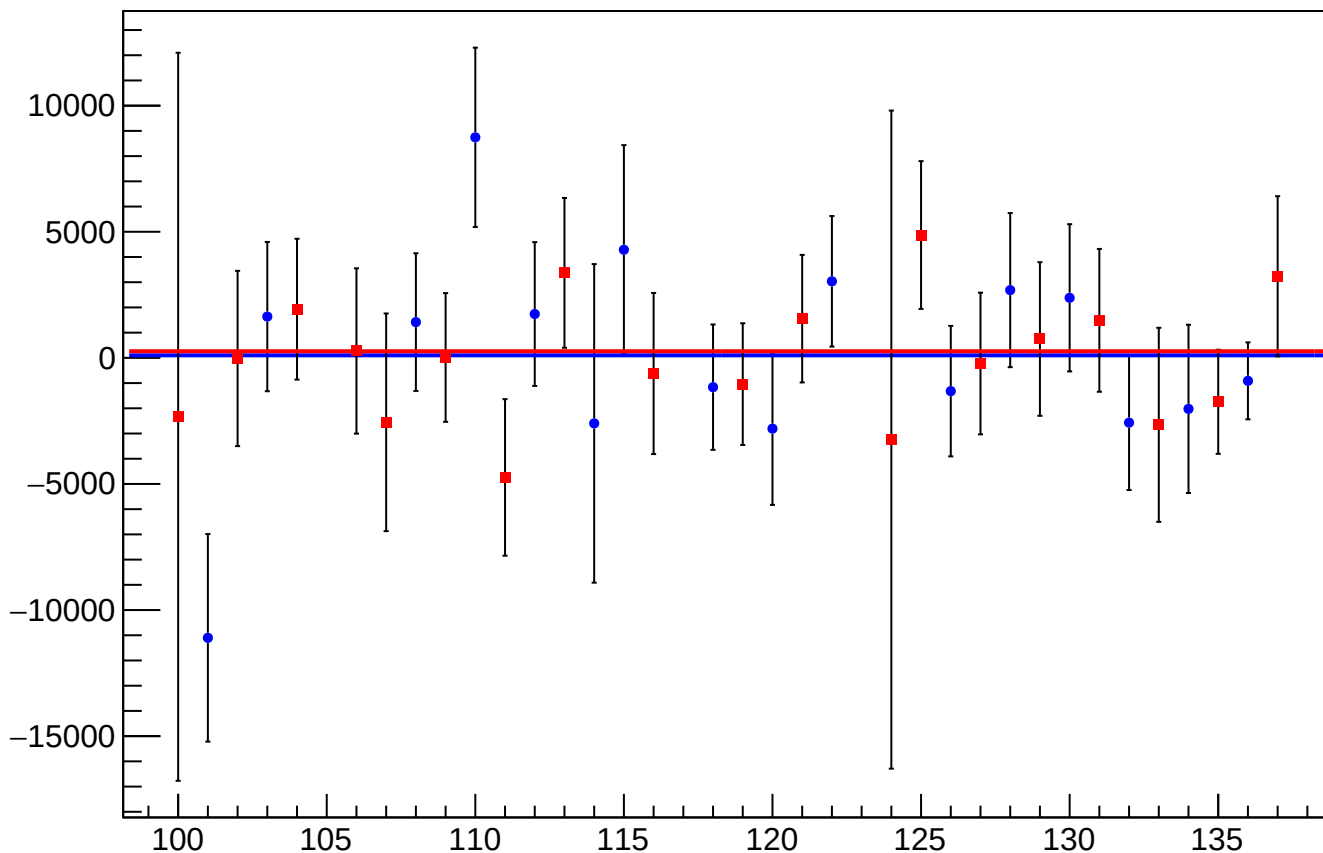
Right: 1117.196+/-0.218 χ^2/NDF : 2875081.4/34

In: 1083.341+/-0.301 χ^2/NDF :1360095.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1117.196+/-0.218 χ^2/NDF : 2875081.4/34

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 100.451+/-698.983 χ^2/NDF : 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.731+/-699.724 χ^2/NDF : 10.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

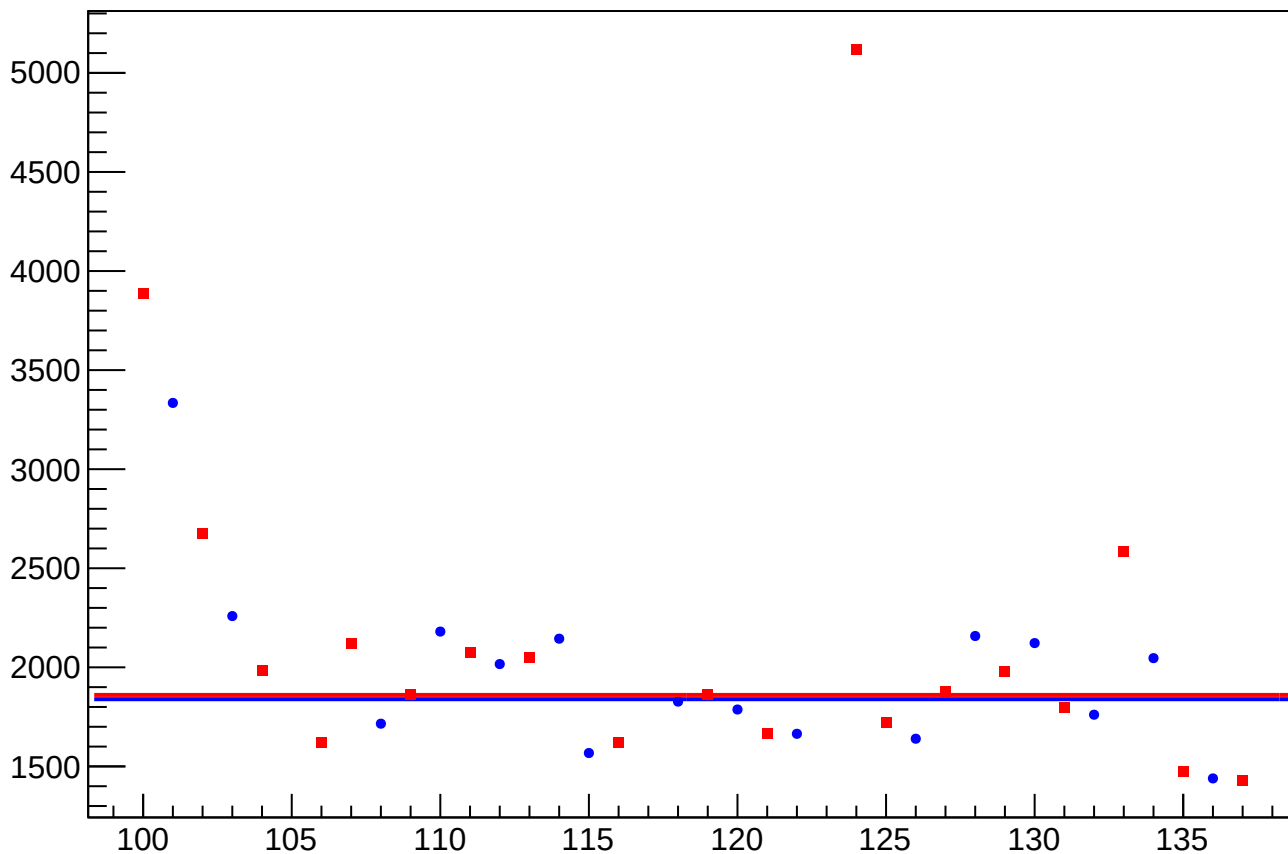
Right: 181.505+/-494.518 χ^2/NDF : 31.6/34

In: 100.451+/-698.983 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.505+/-494.518 χ^2/NDF : 31.6/34

asym_atl_dd_atr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1839.113+/-0.494 χ^2/NDF : 556725.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1860.754+/-0.495 χ^2/NDF : 522114.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

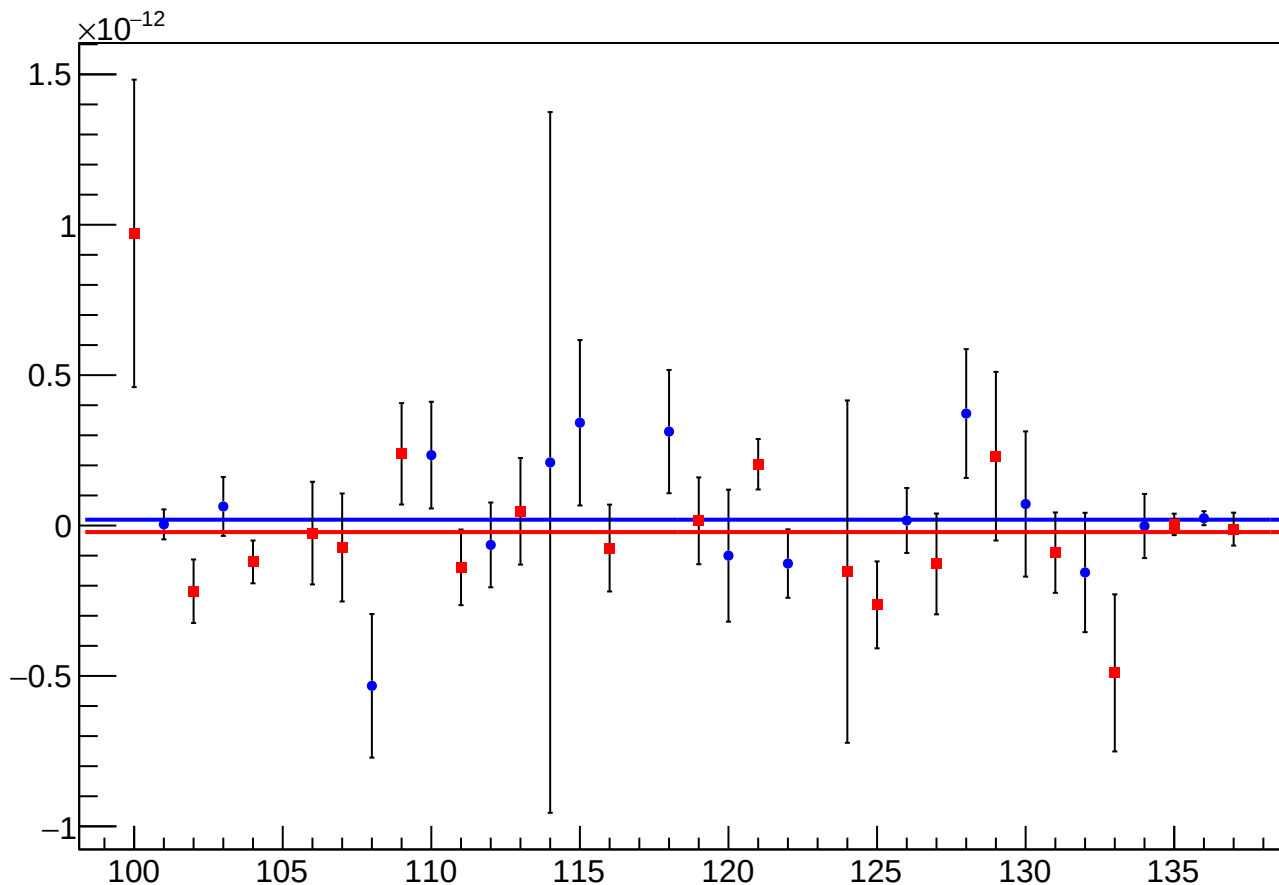
Right: 1849.922+/-0.350 χ^2/NDF : 1079797.1/34

In: 1839.113+/-0.494 χ^2/NDF : 556725.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1849.922+/-0.350 χ^2/NDF : 1079797.1/34

asym_atl_dd_atr_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 28.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

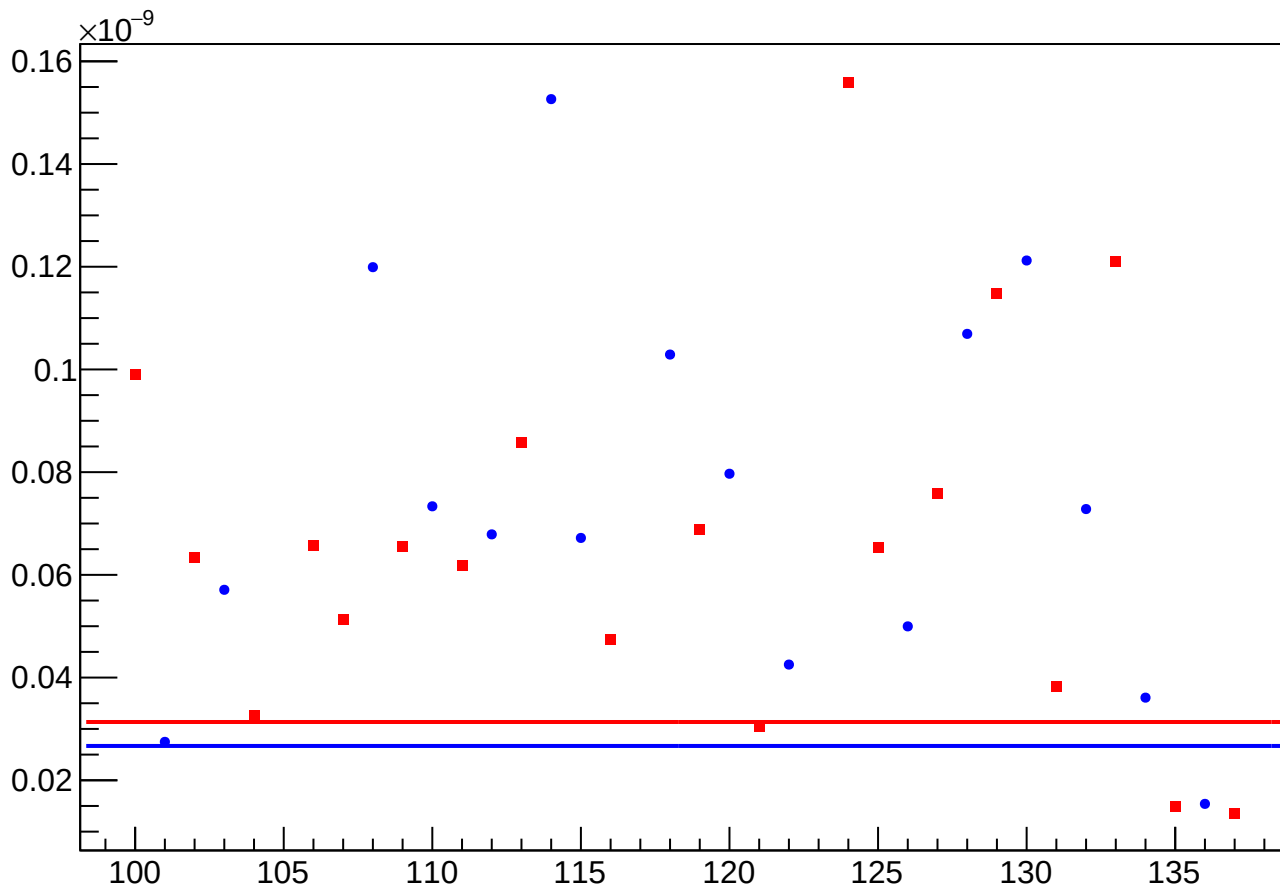
Right: 0.000+/-0.000 χ^2/NDF : 46.7/34

In: 0.000+/-0.000 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.7/34

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2580672.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2275167.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

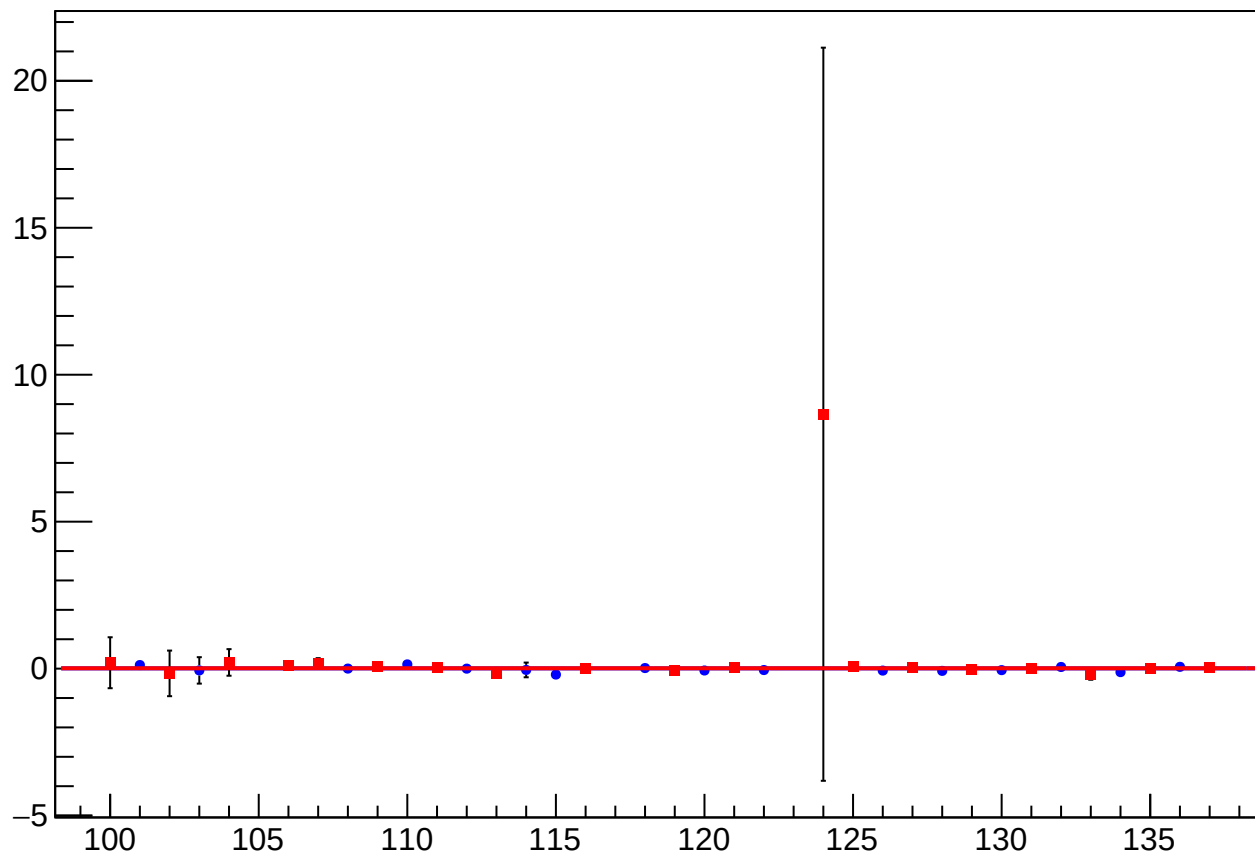
Right: 0.000+/-0.000 χ^2/NDF : 4906978.5/34

In: 0.000+/-0.000 χ^2/NDF : 2580672.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4906978.5/34

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

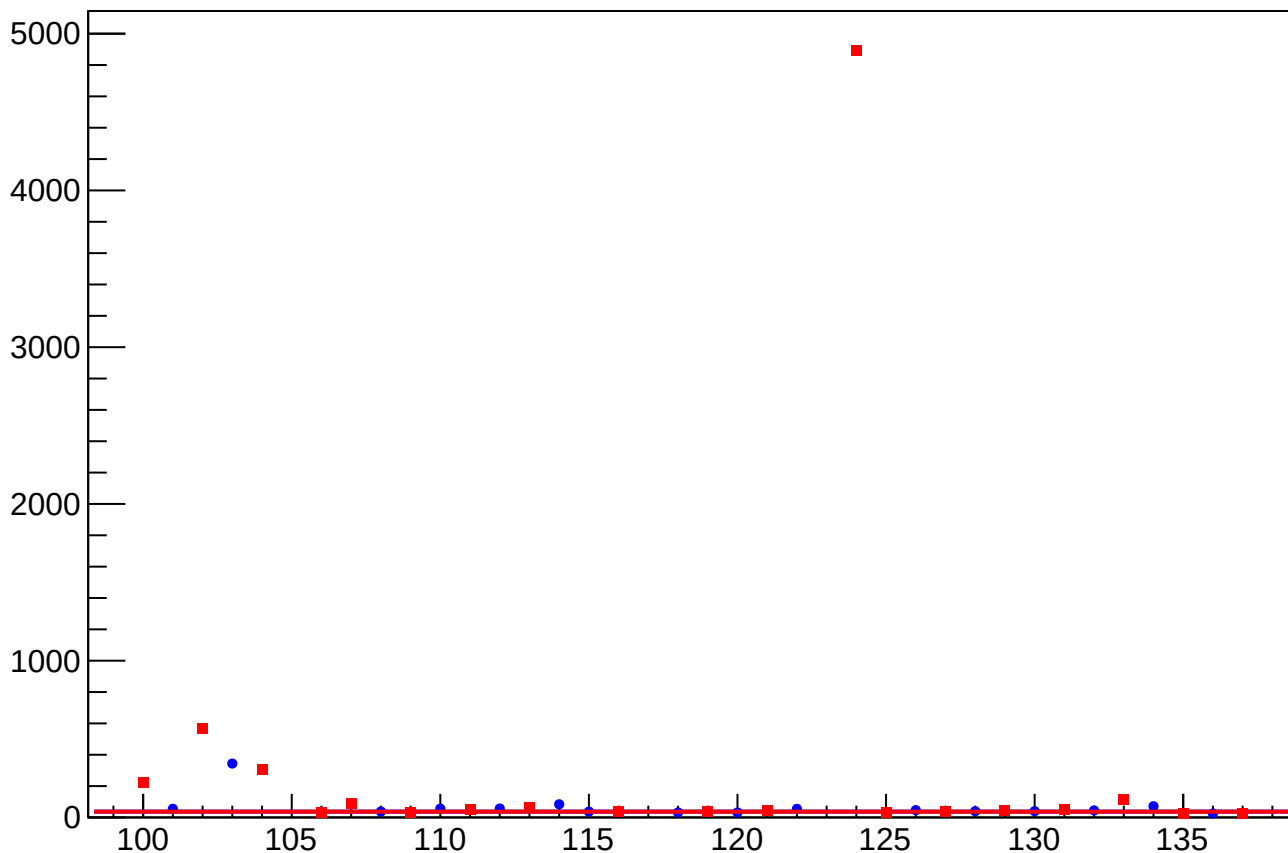
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.767+/-0.012 χ^2/NDF : 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

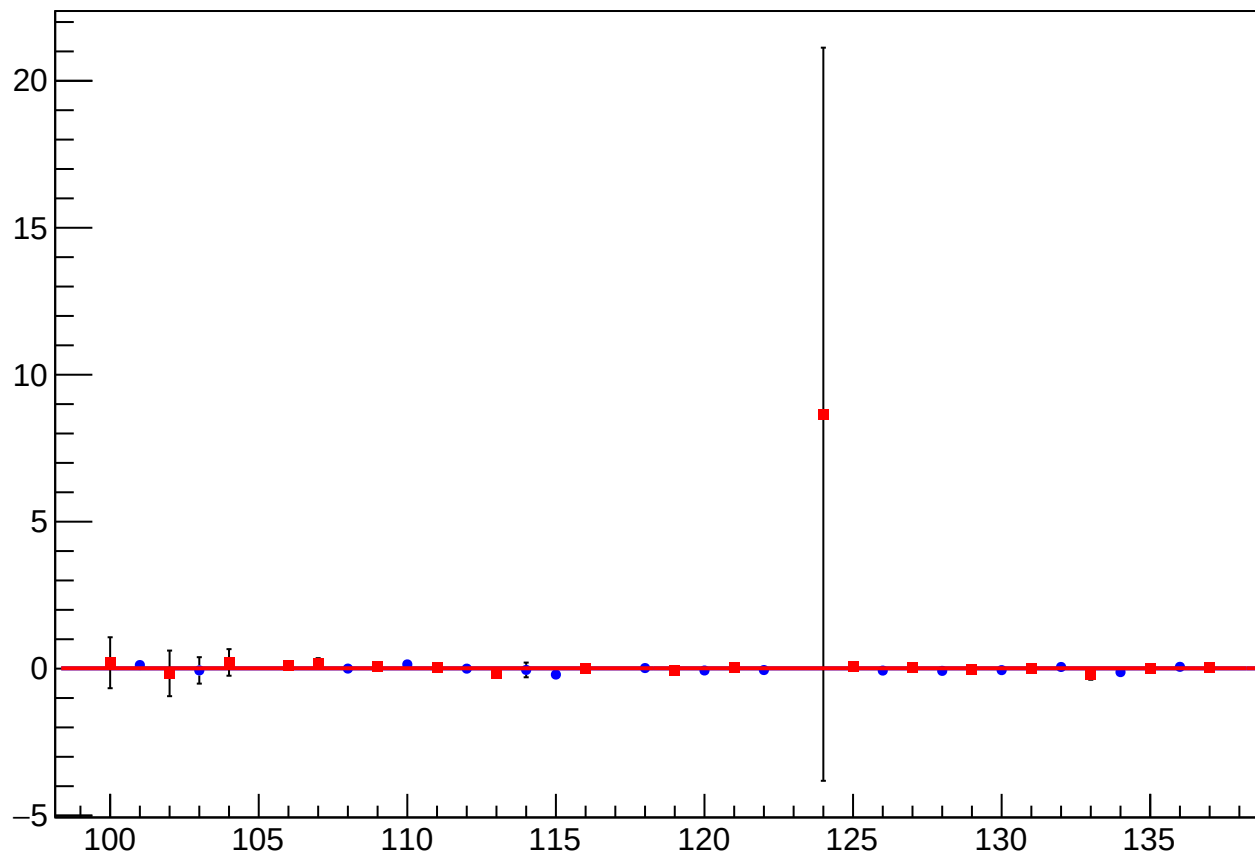
Right: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

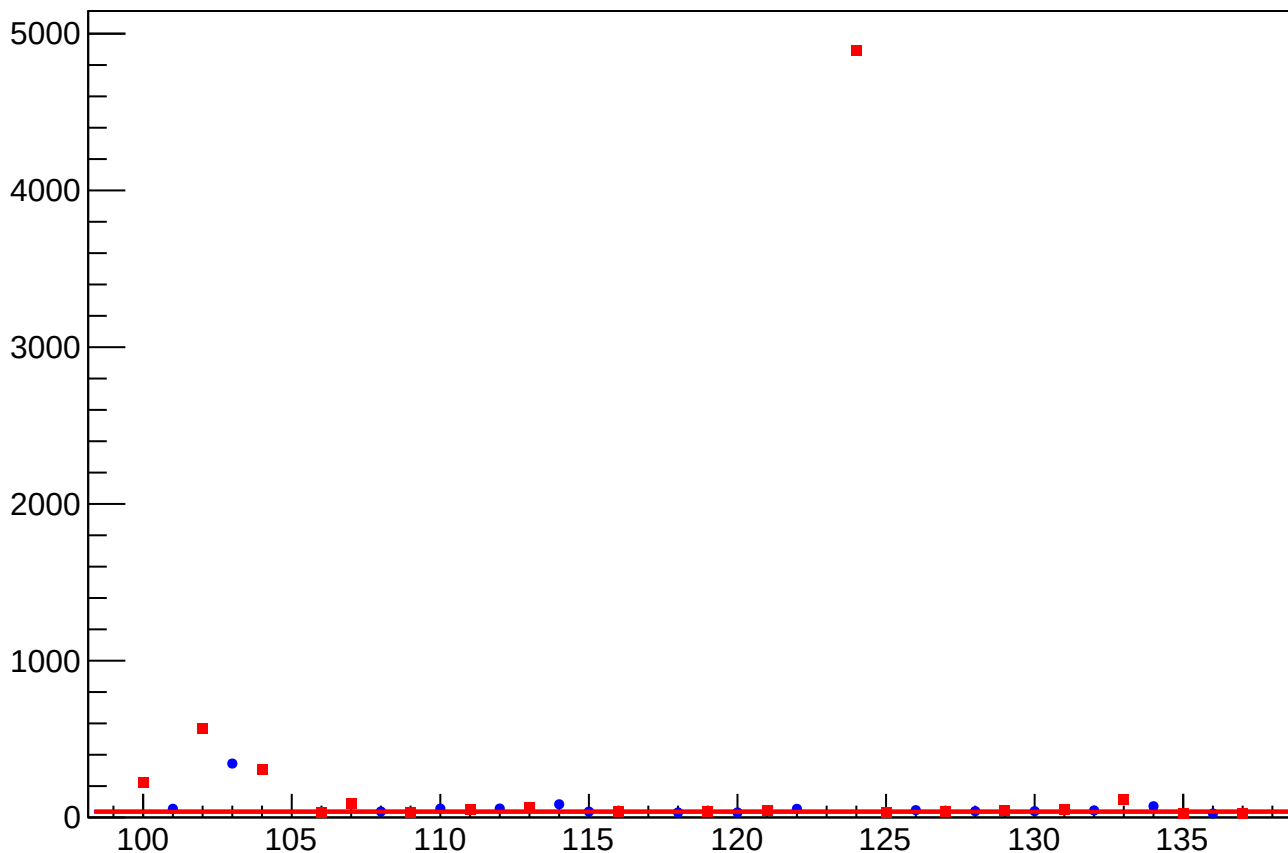
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.767+/-0.012 χ^2/NDF : 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

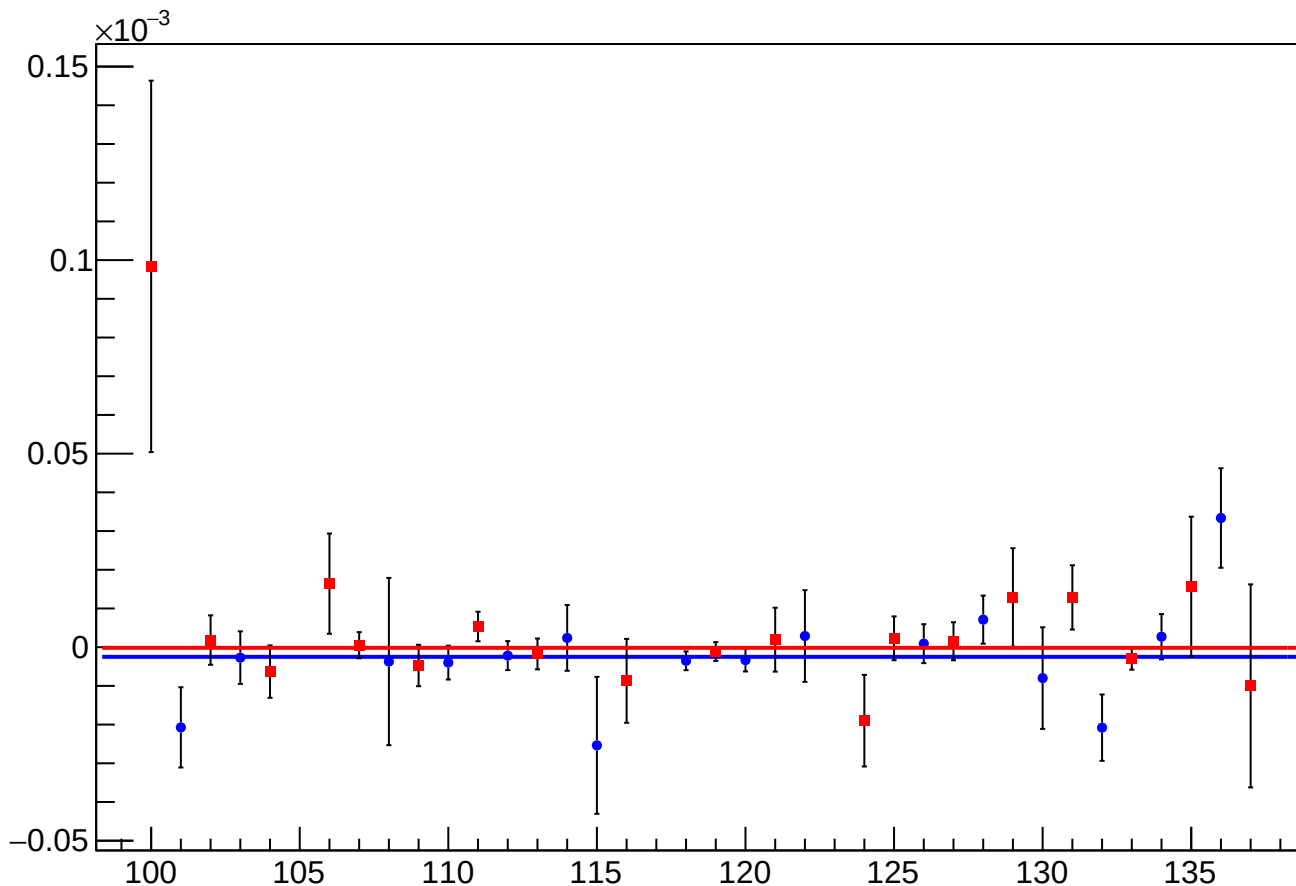
Right: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

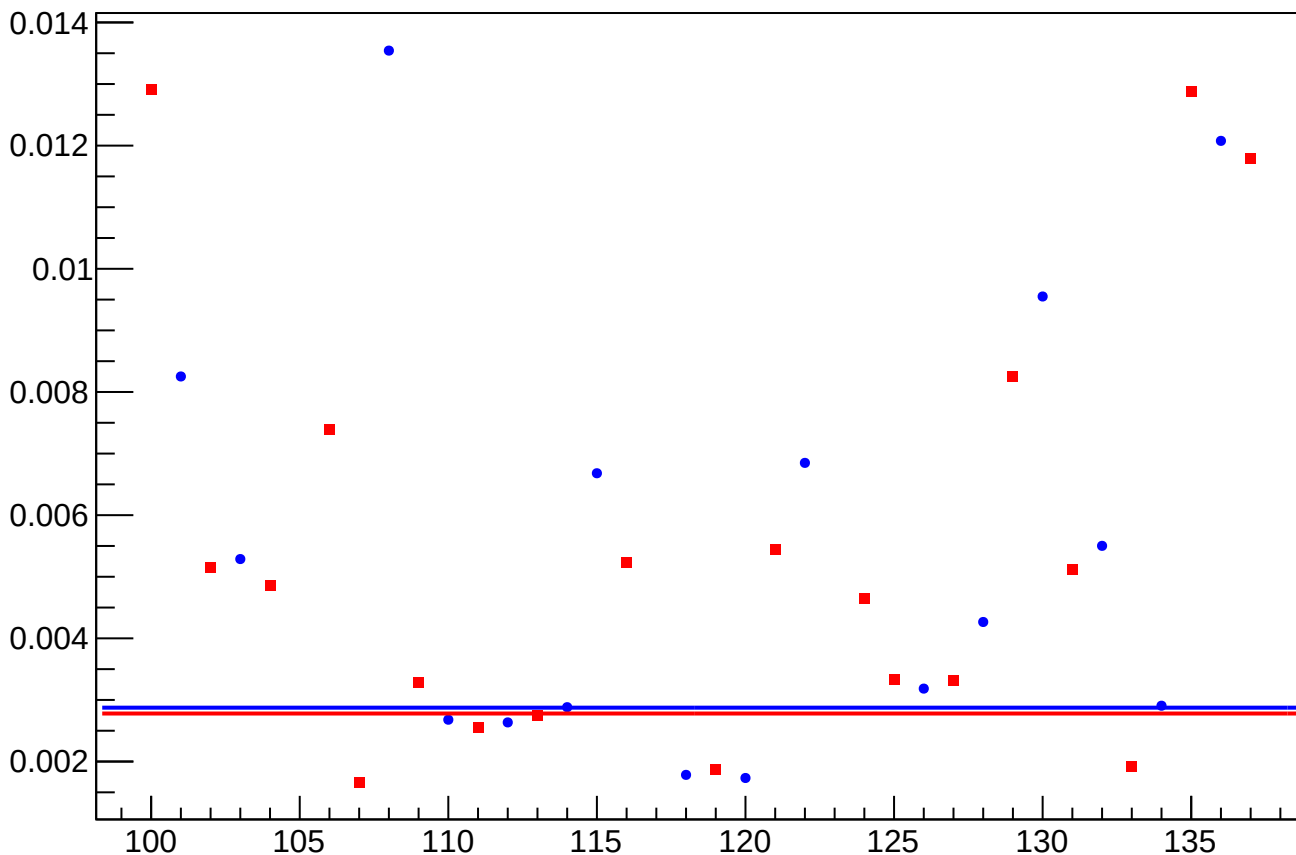
Right: -0.000+/-0.000 χ^2/NDF : 42.5/34

In: -0.000+/-0.000 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.5/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4152056.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3311178.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

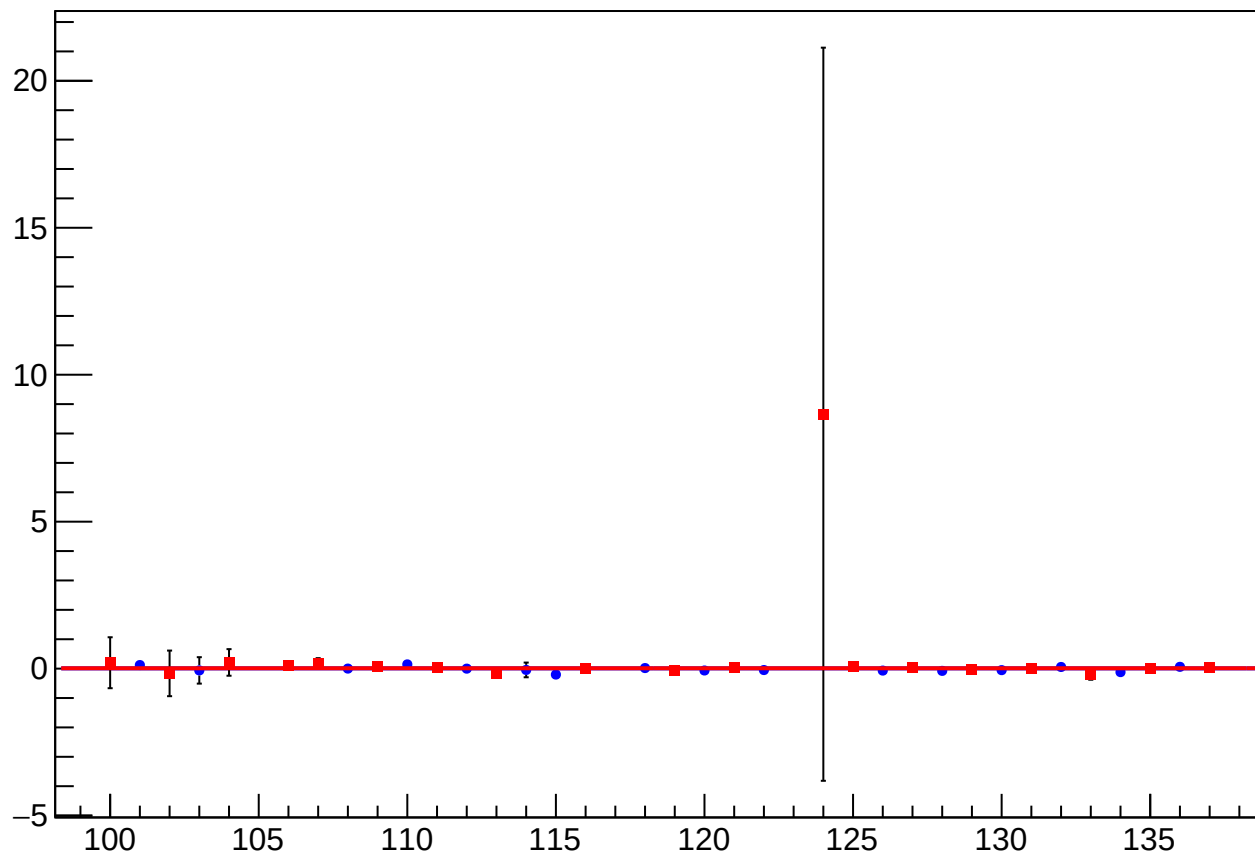
Right: 0.003+/-0.000 χ^2/NDF : 7469105.0/34

In: 0.003+/-0.000 χ^2/NDF :4152056.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7469105.0/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008 $\pm$ 0.016 χ^2 /NDF: 19.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.017 χ^2 /NDF: 12.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

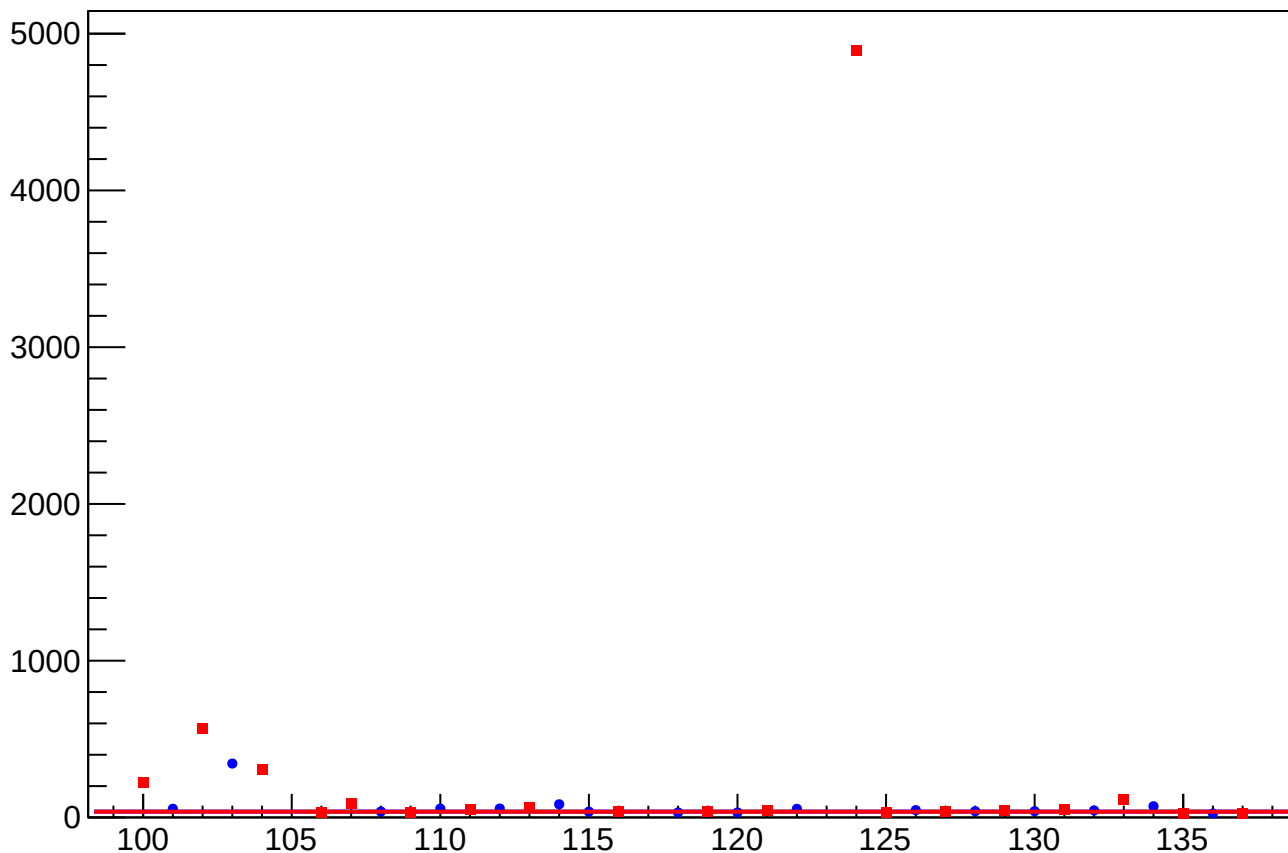
Right: 0.010 $\pm$ 0.012 χ^2 /NDF: 31.9/34

In: 0.008 $\pm$ 0.016 χ^2 /NDF:19.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.012 χ^2 /NDF: 31.9/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.769+/-0.012 χ^2/NDF : 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

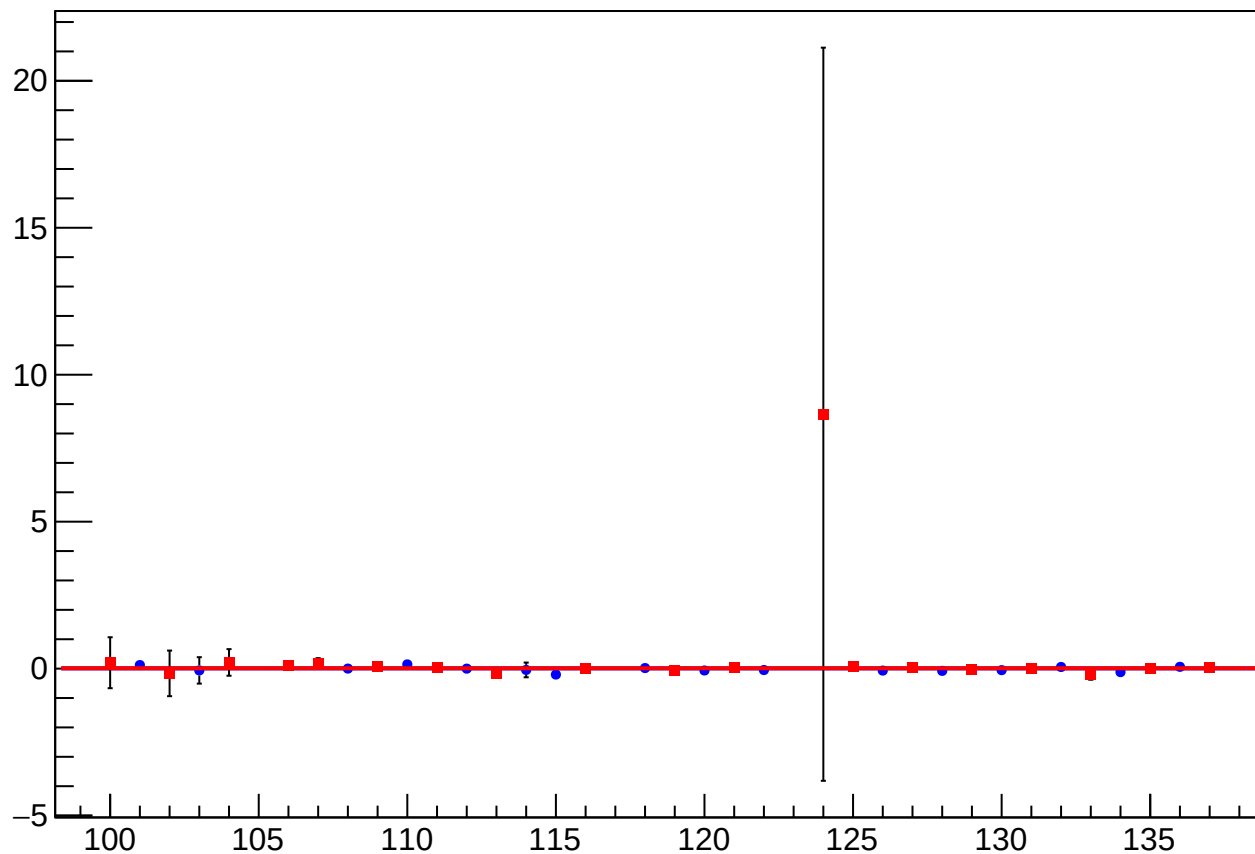
Right: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

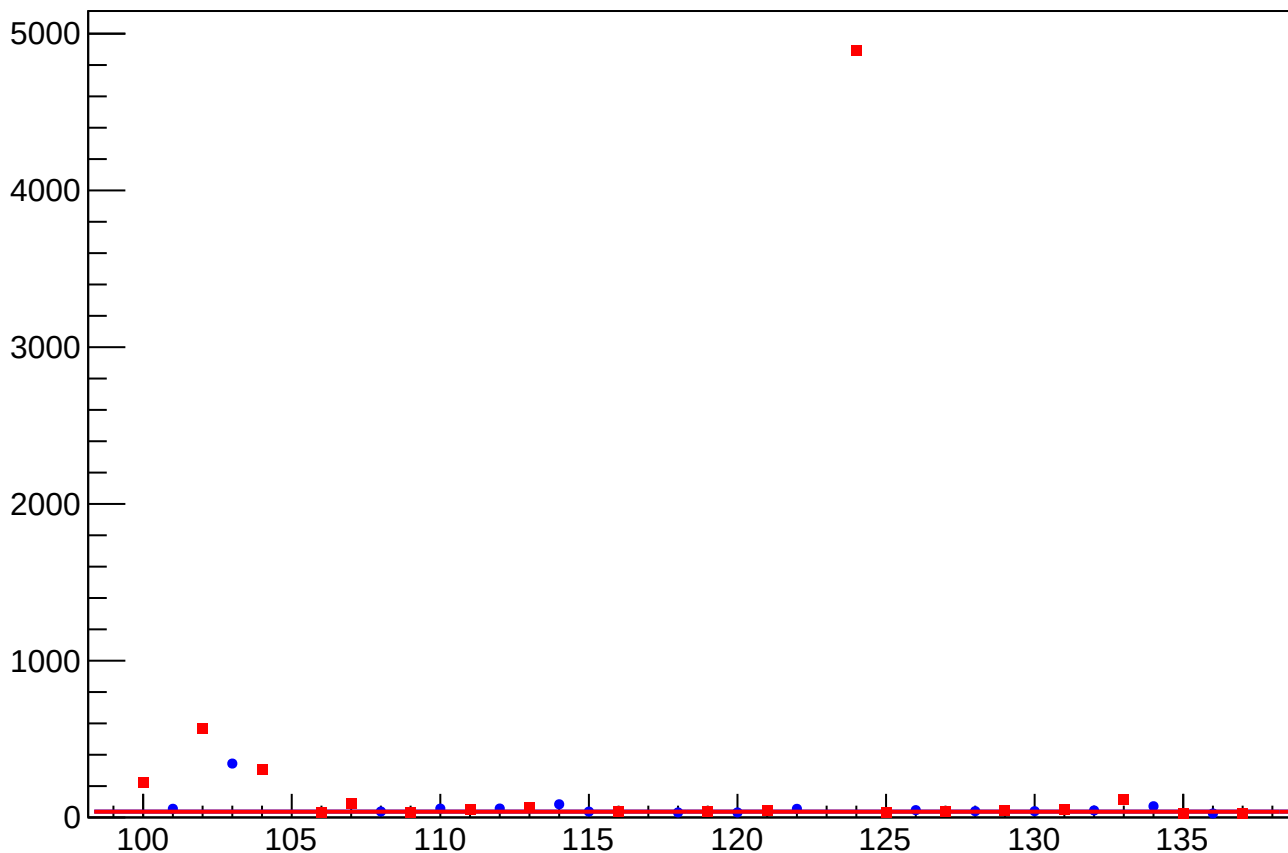
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.495+/-0.011 χ^2 /NDF: 1983206.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 36.769+/-0.012 χ^2 /NDF: 3190400.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

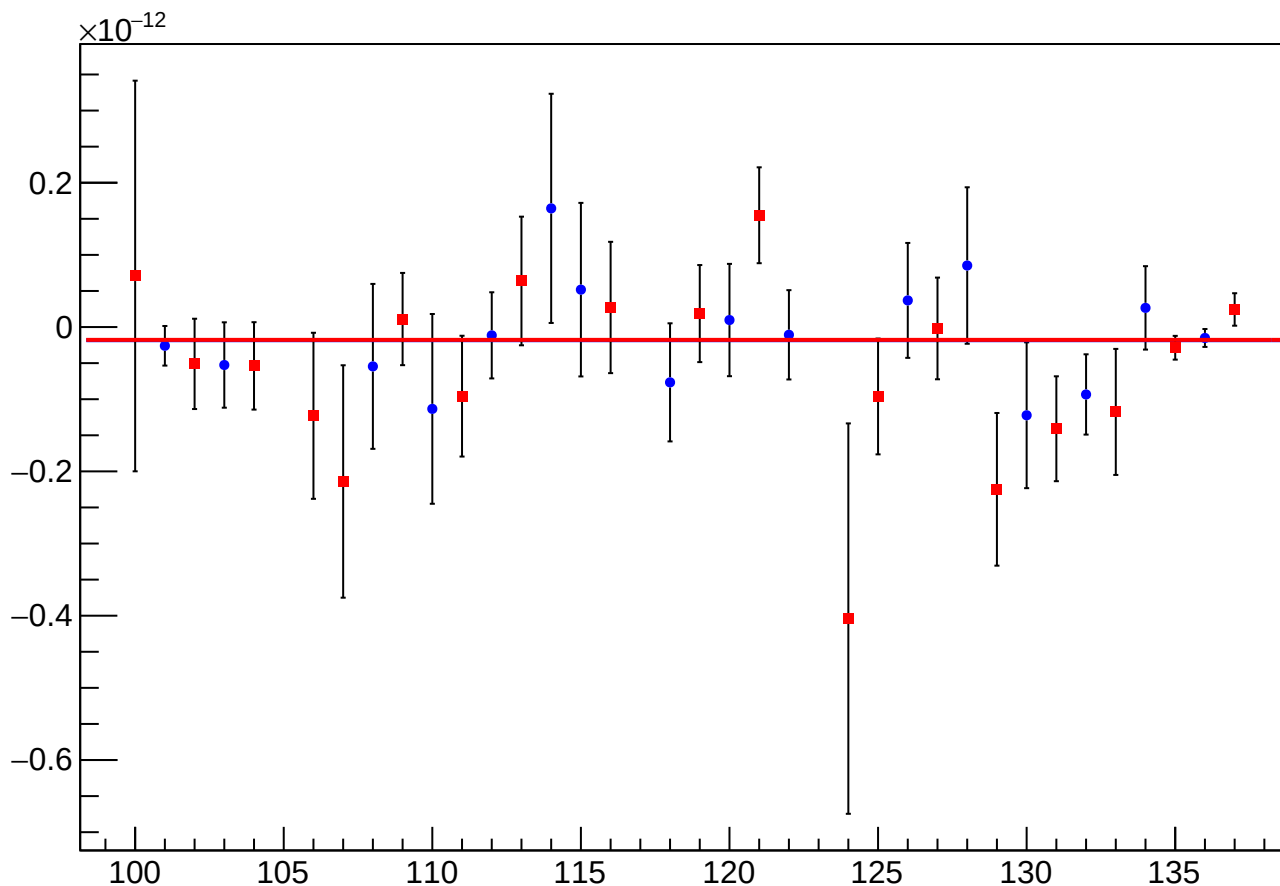
Right: 37.144+/-0.008 χ^2 /NDF: 5175578.4/34

In: 37.495+/-0.011 χ^2 /NDF:1983206.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 37.144+/-0.008 χ^2 /NDF: 5175578.4/34

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 8.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 27.3/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

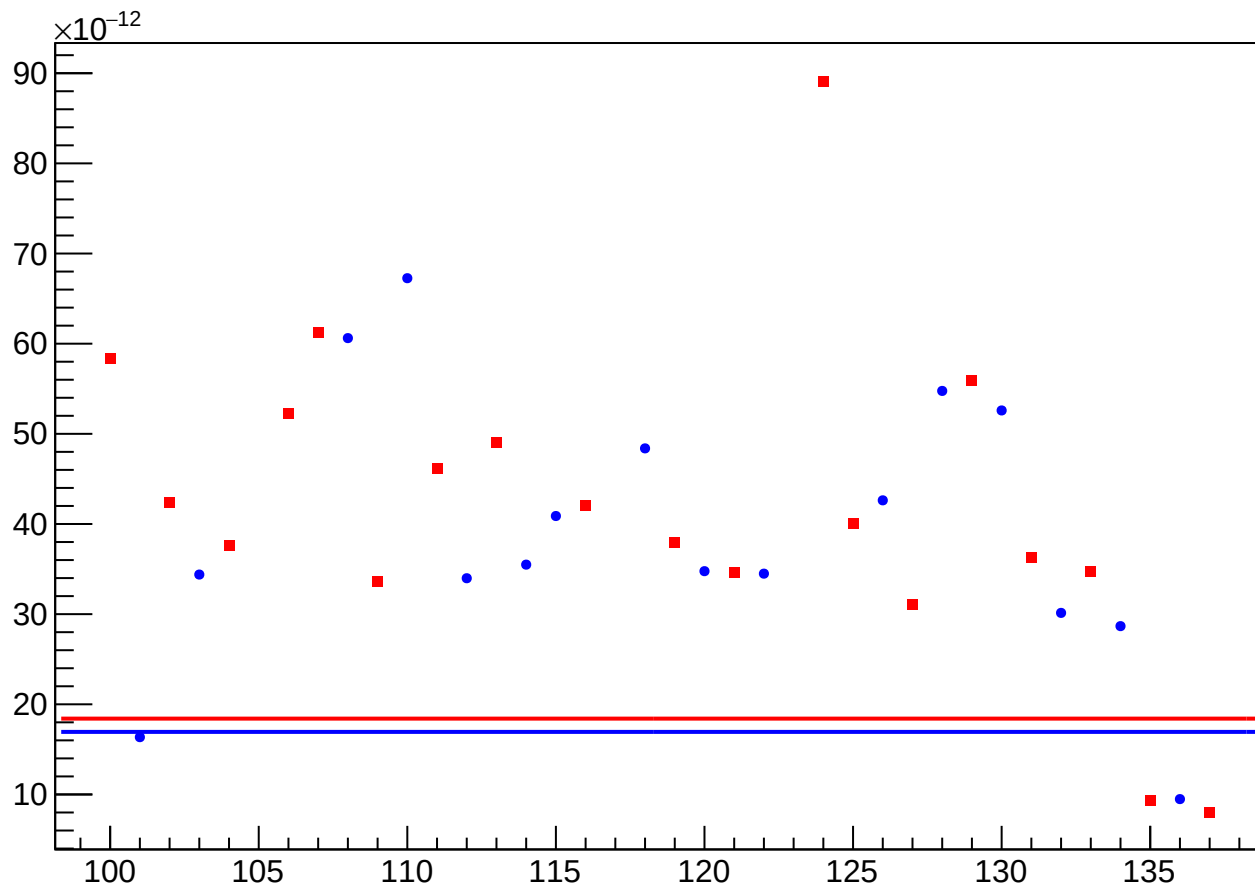
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 35.6/34

In: -0.000 $\pm$ 0.000 χ^2/NDF : 8.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 35.6/34

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3207856.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3674861.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

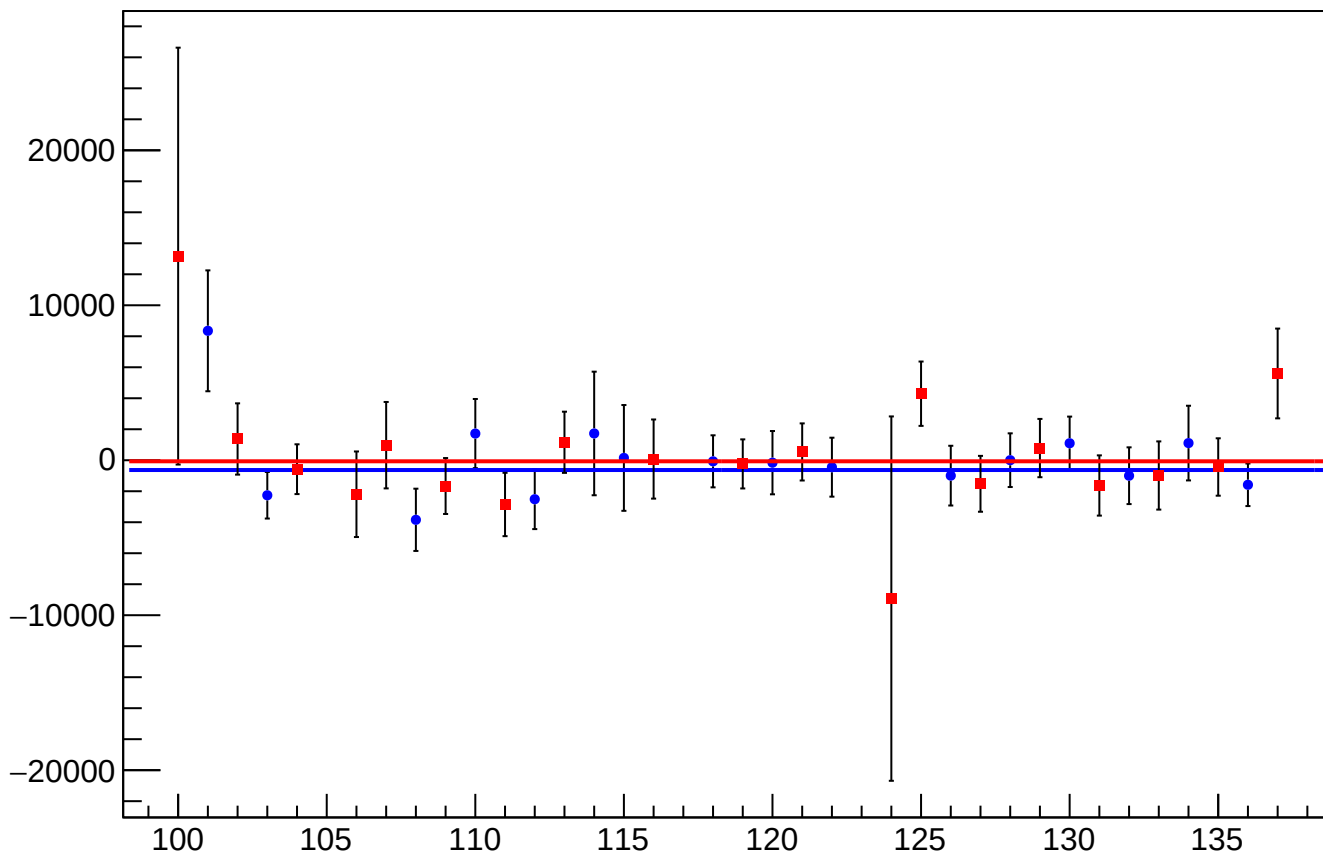
Right: 0.000+/-0.000 χ^2/NDF : 6902390.3/34

In: 0.000+/-0.000 χ^2/NDF : 3207856.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6902390.3/34

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.642+/-487.761 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

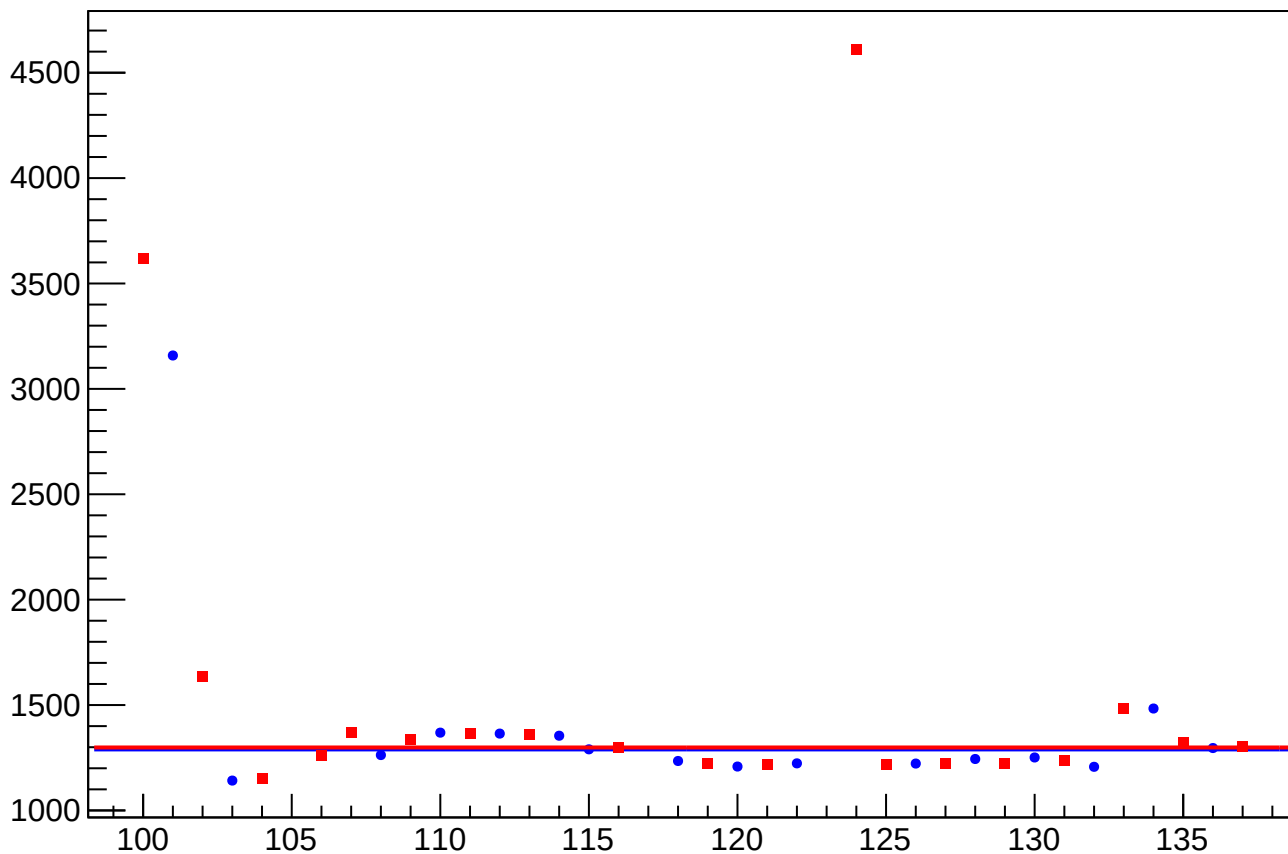
Right: -348.821+/-345.217 χ^2/NDF : 30.4/34

In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.821+/-345.217 χ^2/NDF : 30.4/34

reg_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.466 $\pm$ 0.346 χ^2 /NDF: 514675.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1298.656 $\pm$ 0.344 χ^2 /NDF: 319374.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

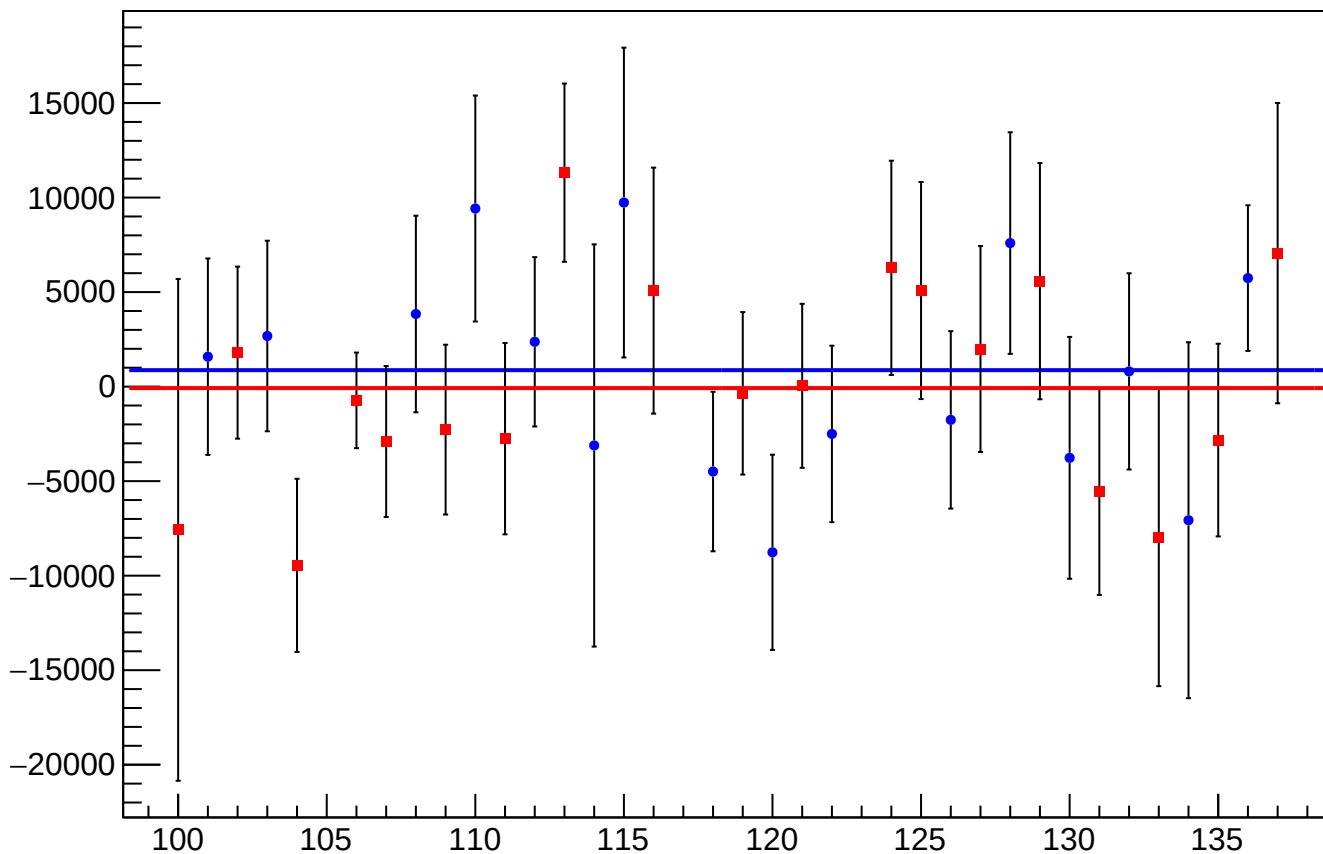
Right: 1294.081 $\pm$ 0.244 χ^2 /NDF: 834405.1/34

In: 1289.466 $\pm$ 0.346 χ^2 /NDF: 514675.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1294.081 $\pm$ 0.244 χ^2 /NDF: 834405.1/34

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295 $\pm$ 1325.278 χ^2 /NDF: 14.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -77.323 $\pm$ 1111.074 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

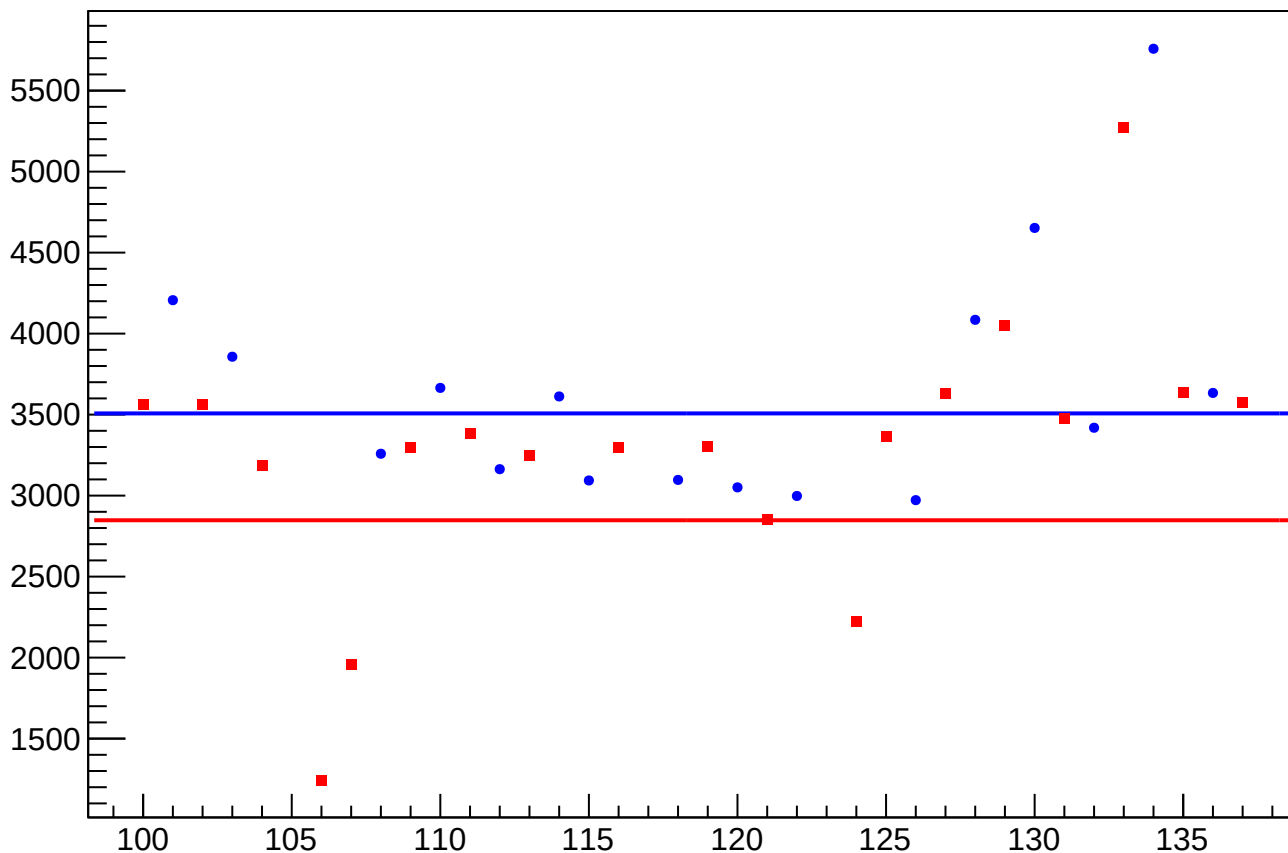
Right: 313.810 $\pm$ 851.438 χ^2 /NDF: 32.7/34

In: 870.295 $\pm$ 1325.278 χ^2 /NDF:14.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 313.810 $\pm$ 851.438 χ^2 /NDF: 32.7/34

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF : 1499373.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

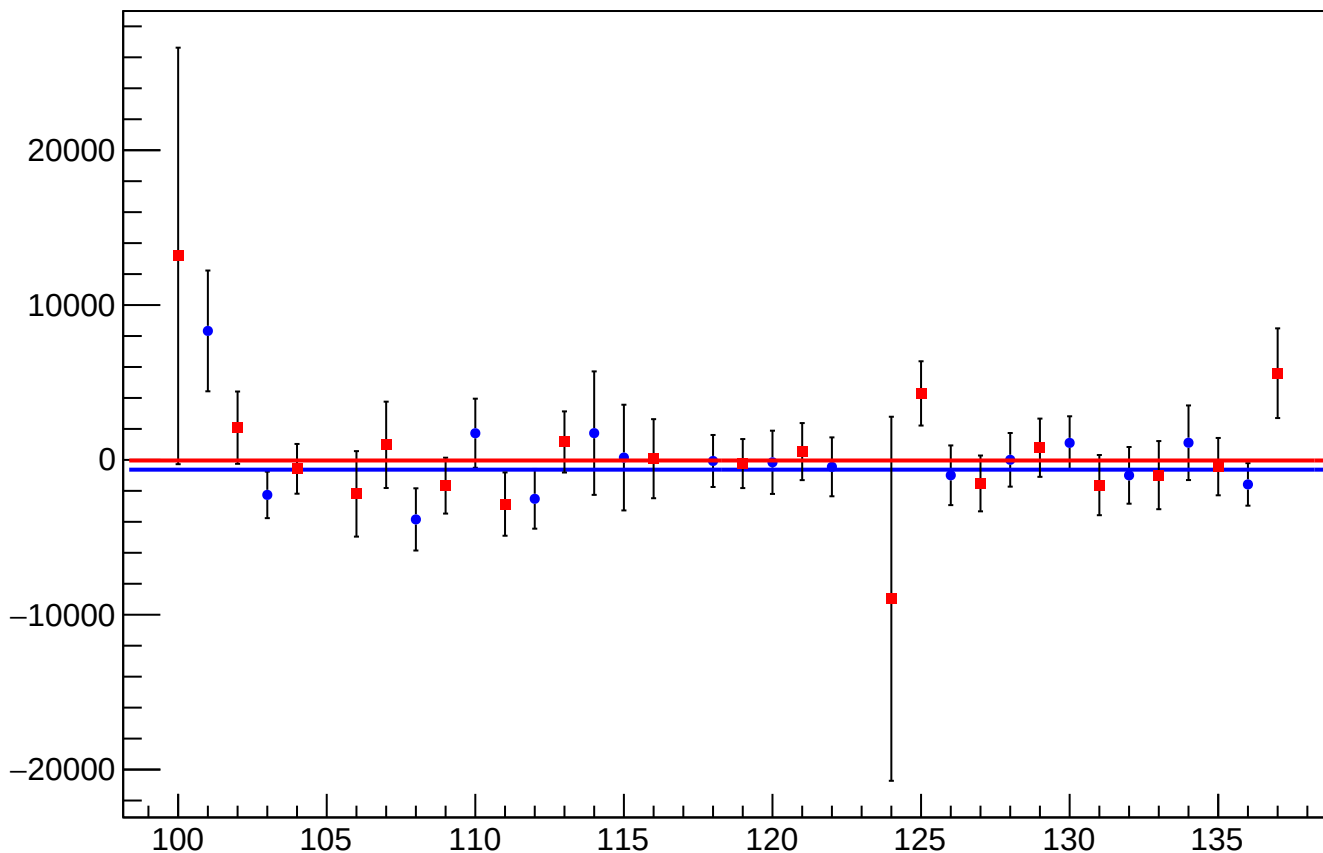
Right: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

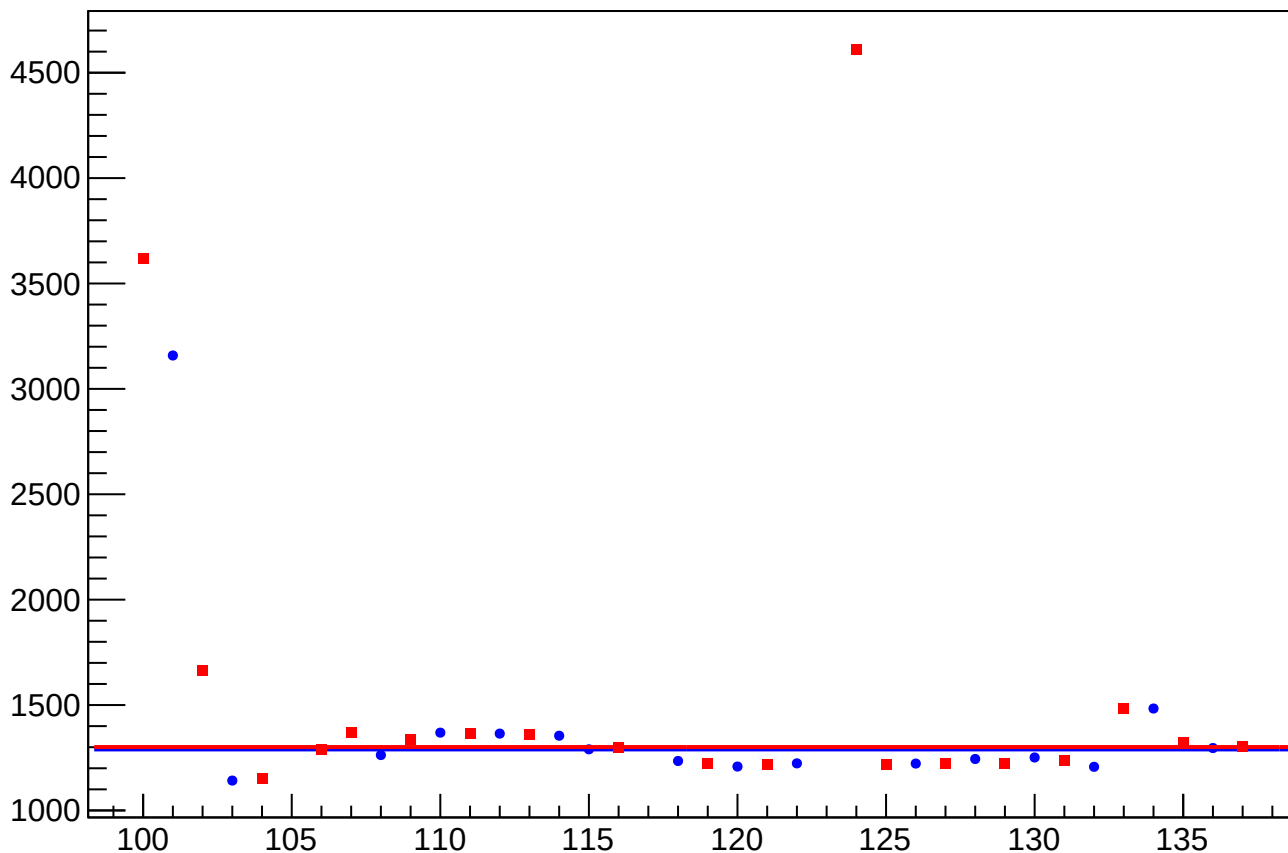
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.466 $\pm$ 0.346 χ^2 /NDF: 514676.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1300.684 $\pm$ 0.344 χ^2 /NDF: 325907.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

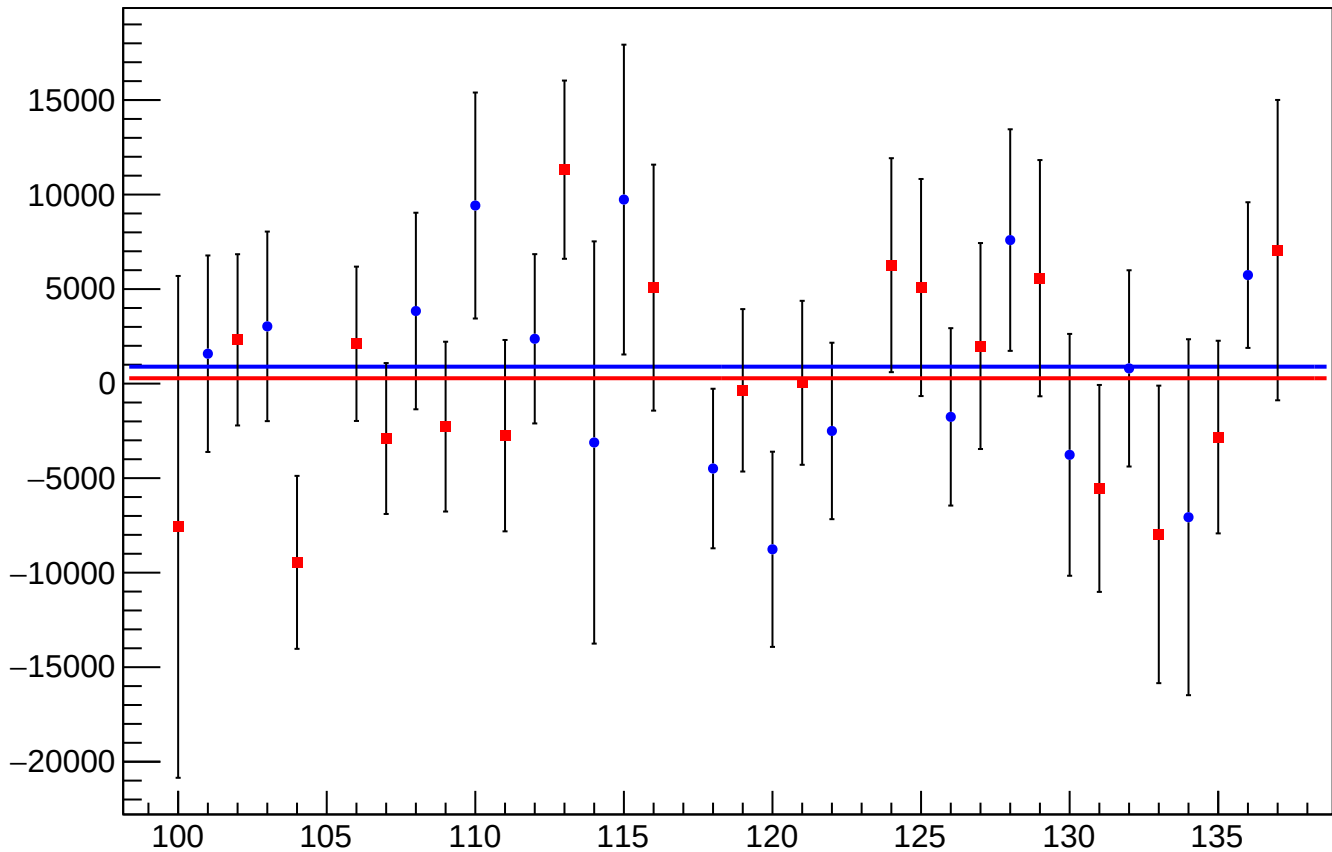
Right: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

In: 1289.466 $\pm$ 0.346 χ^2 /NDF:514676.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017 $\pm$ 1324.823 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 283.963 $\pm$ 1183.171 χ^2 /NDF: 18.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

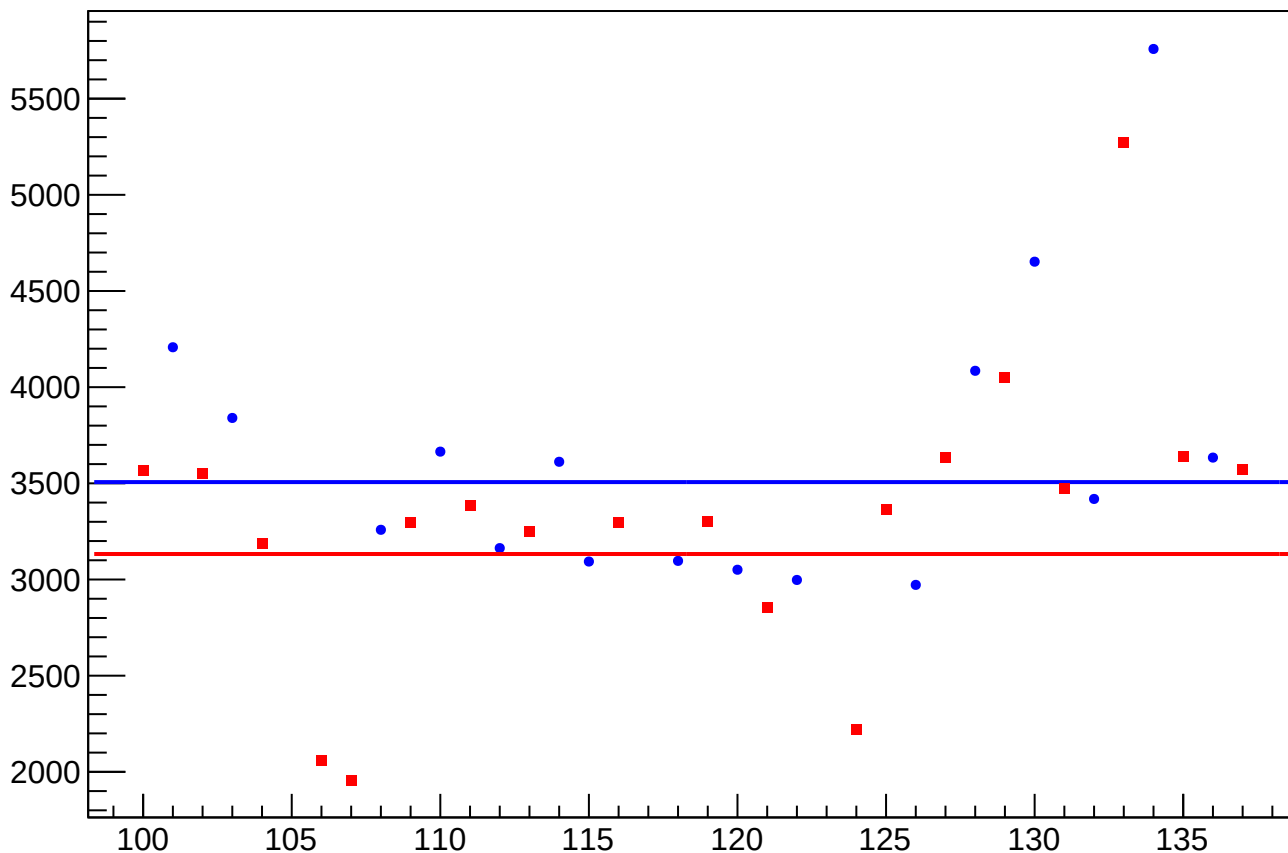
Right: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

In: 896.017 $\pm$ 1324.823 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

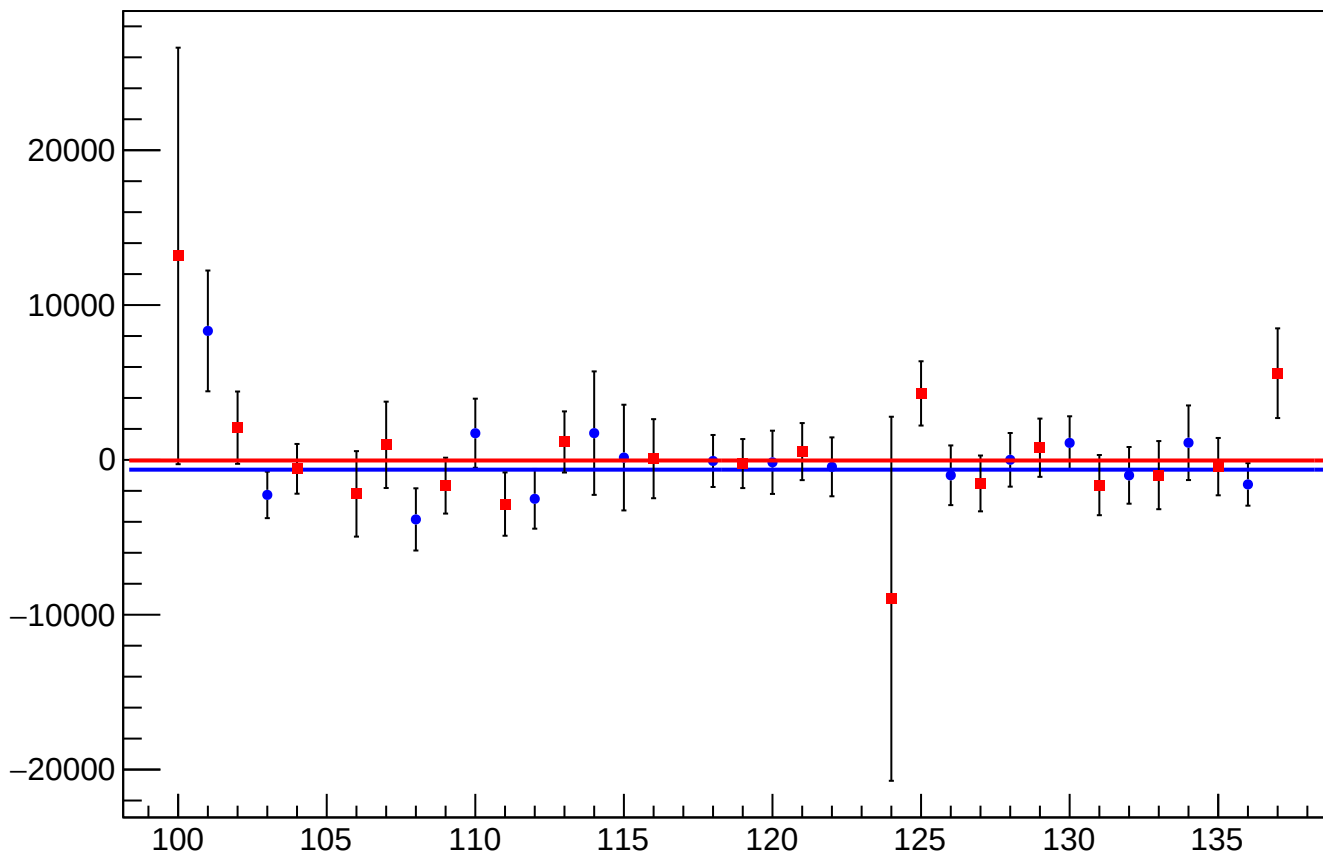
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

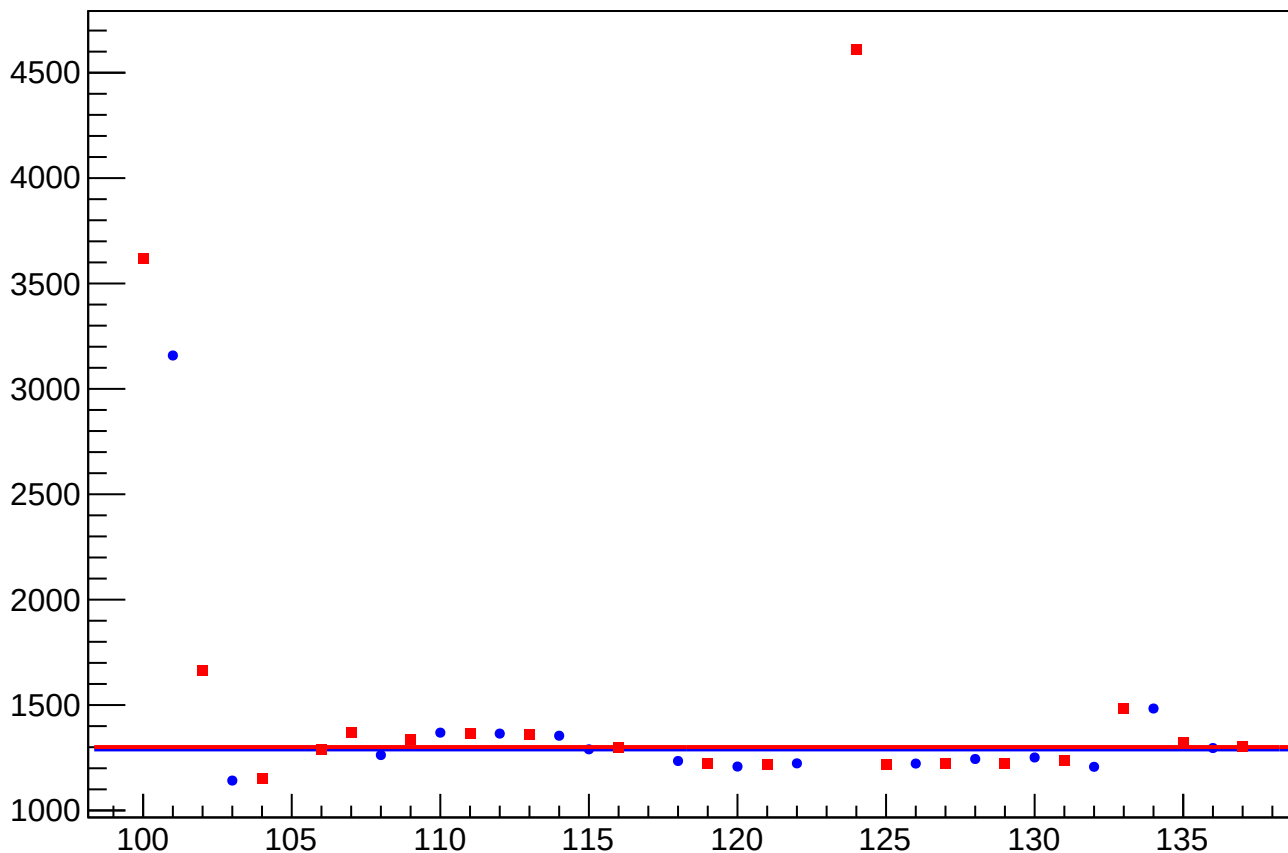
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.684+/-0.344 χ^2/NDF : 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

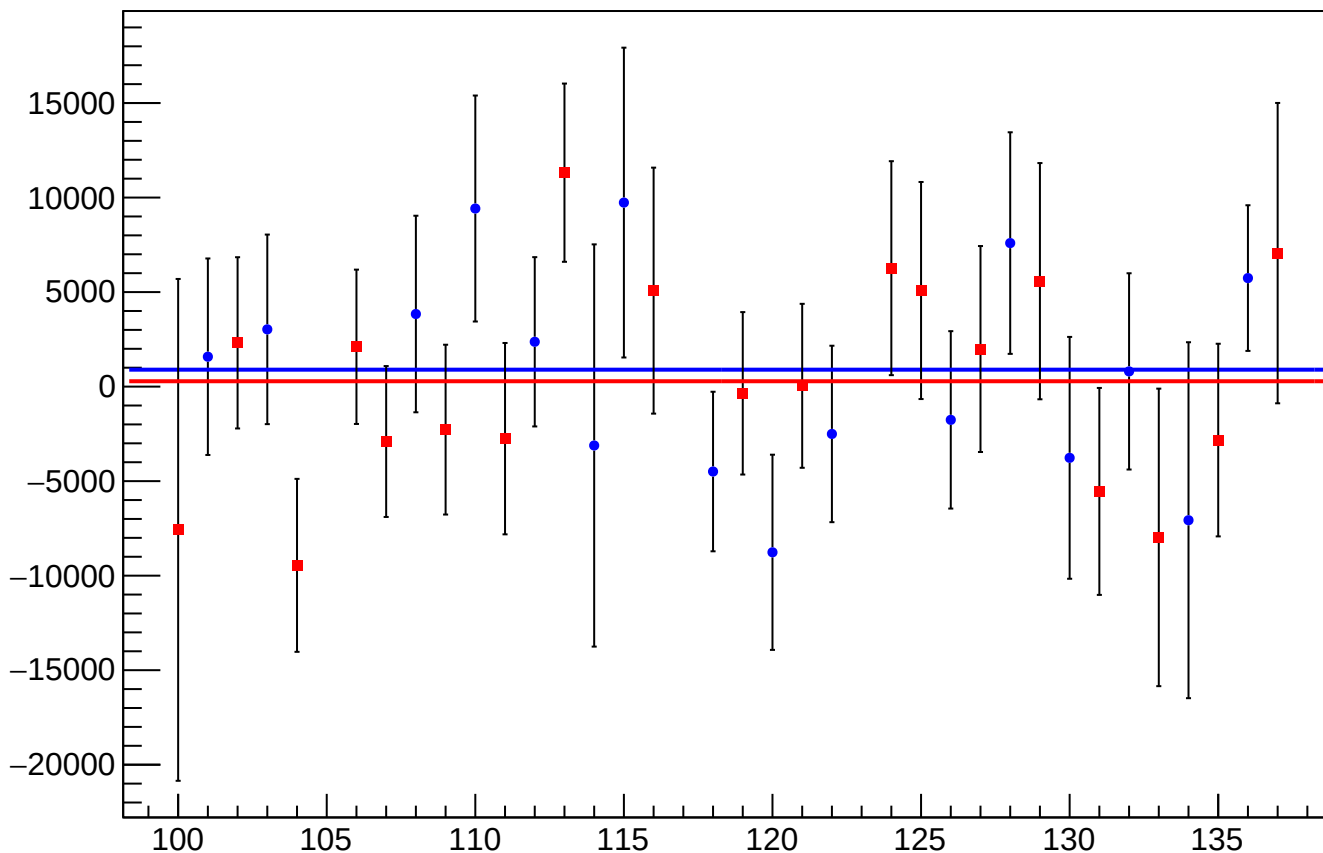
Right: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017 $\pm$ 1324.823 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 283.963 $\pm$ 1183.171 χ^2 /NDF: 18.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

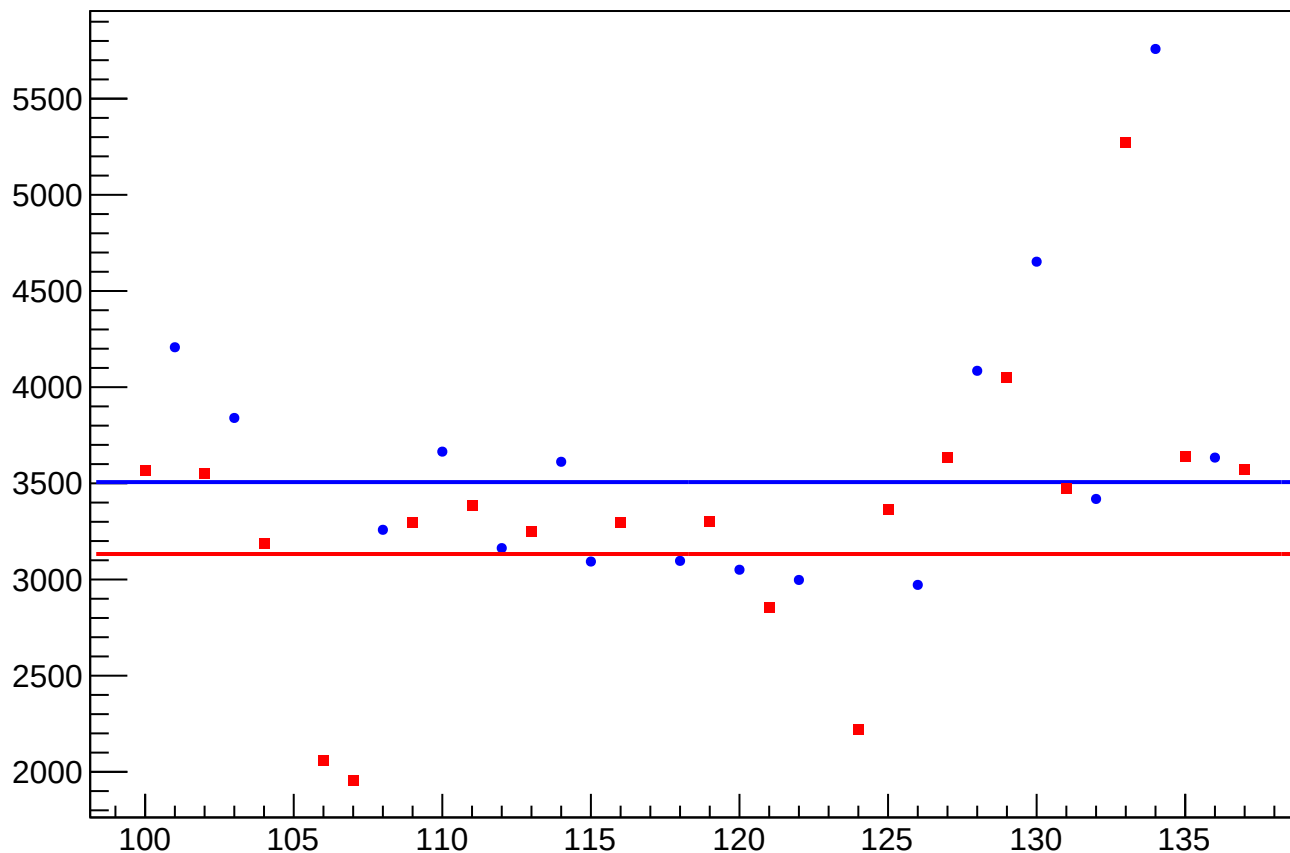
Right: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

In: 896.017 $\pm$ 1324.823 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

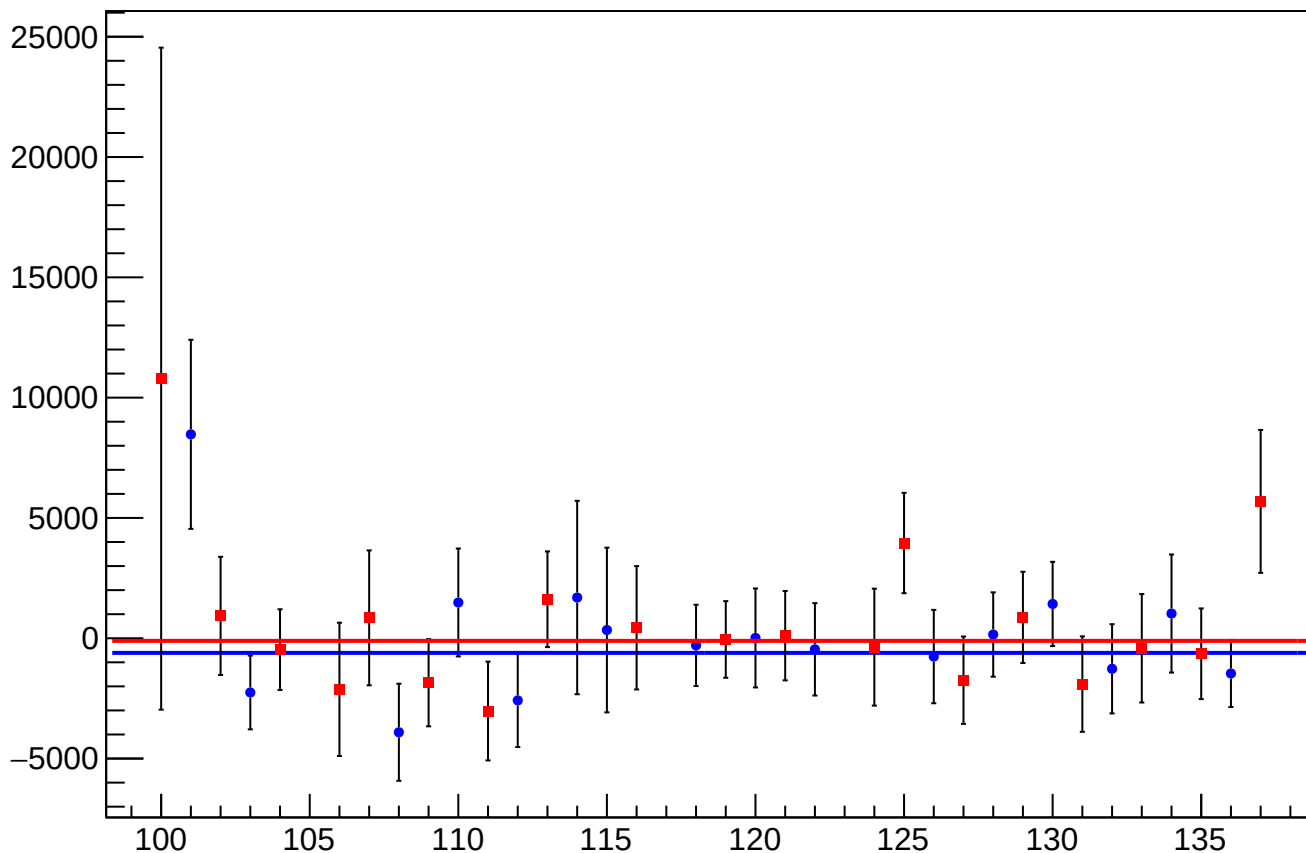
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.614+/-485.552 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

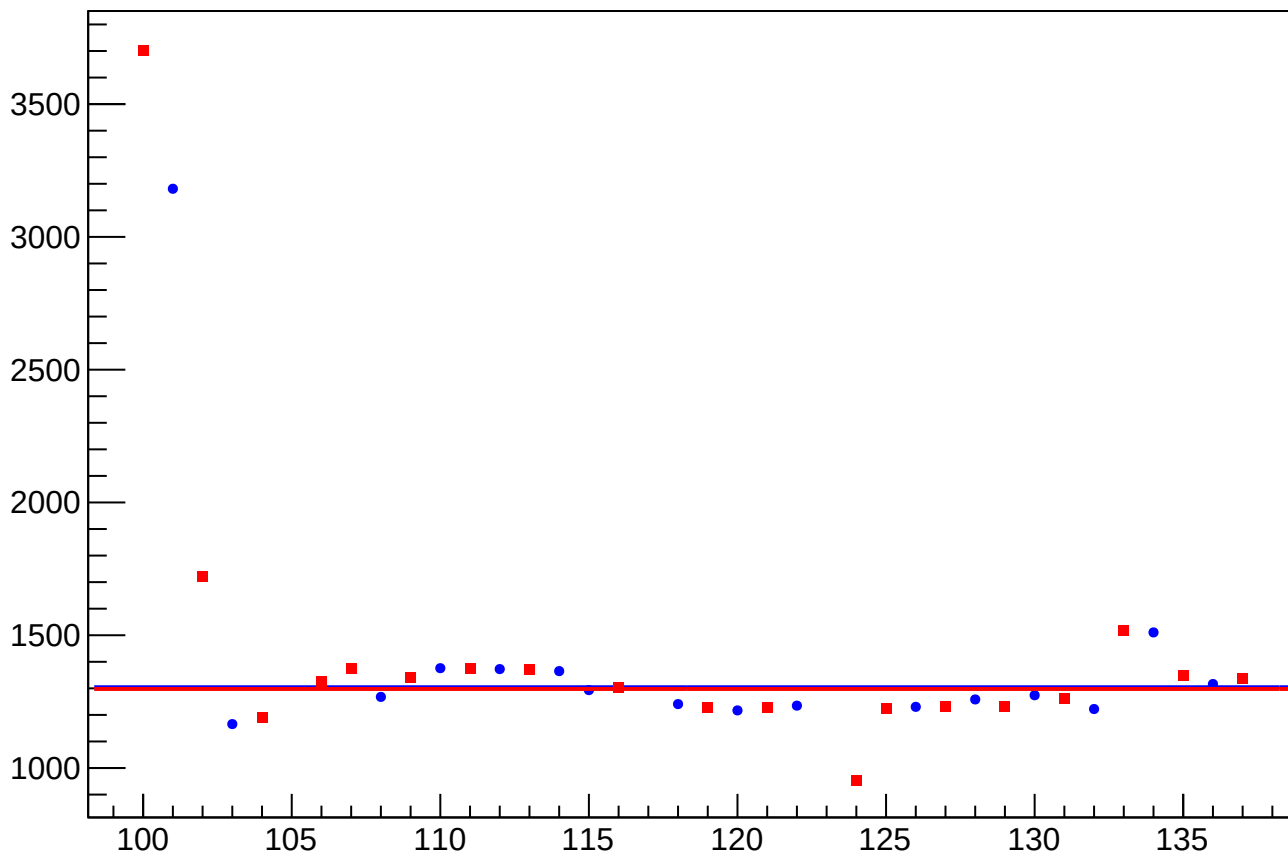
Right: -353.826+/-346.348 χ^2/NDF : 29.5/34

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.826+/-346.348 χ^2/NDF : 29.5/34

dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

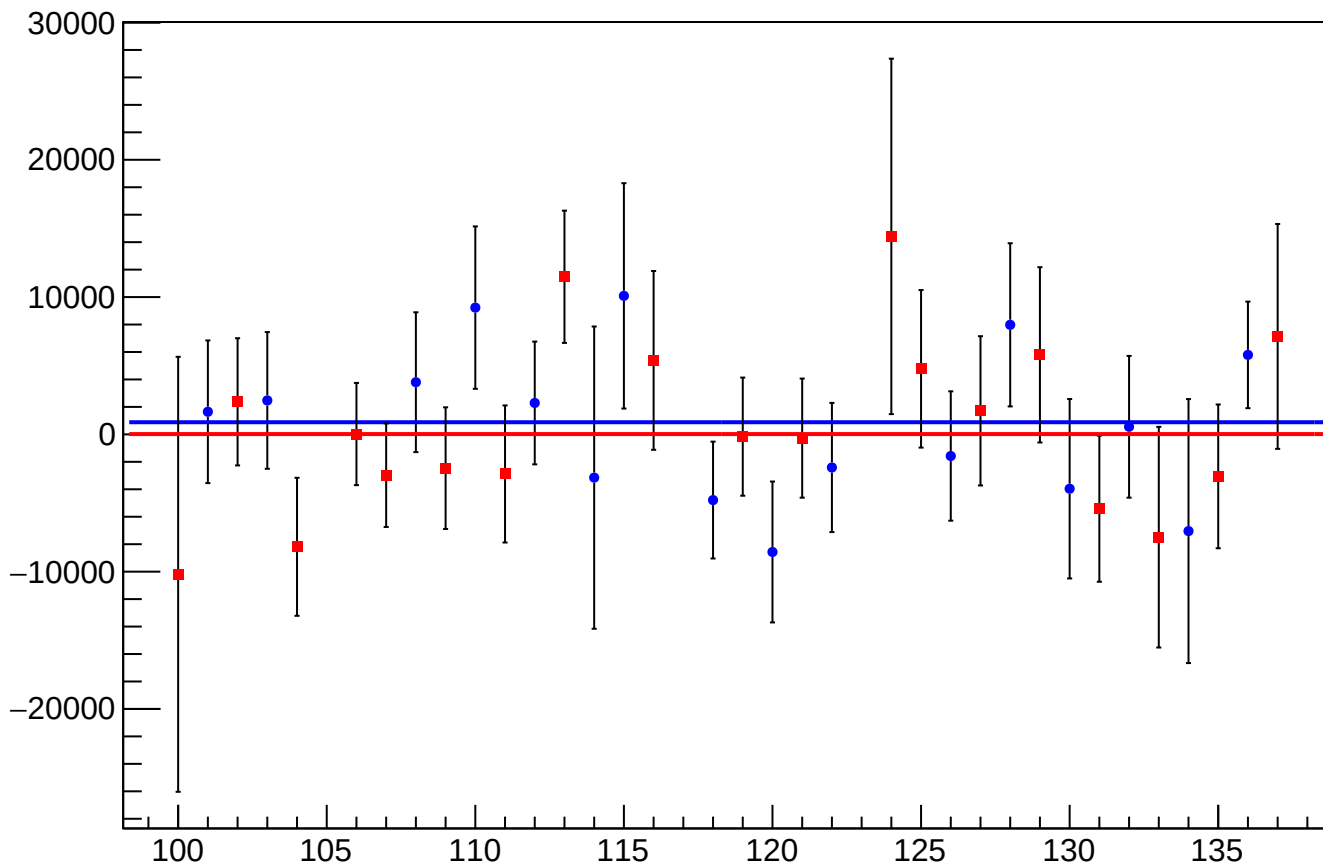
Right: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.681+/-1200.015 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

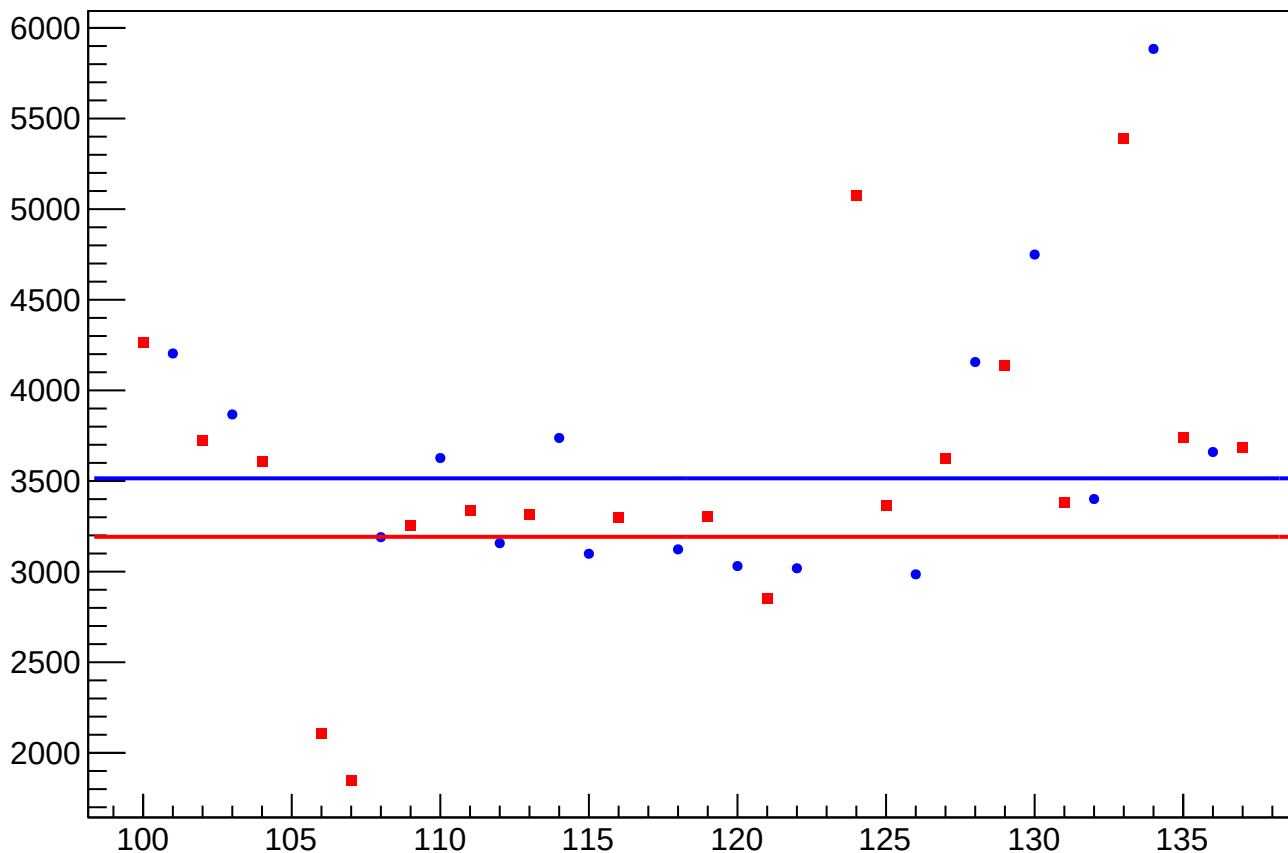
Right: 408.965+/-890.176 χ^2/NDF : 31.2/34

In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.965+/-890.176 χ^2/NDF : 31.2/34

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.203+/-0.849 χ^2/NDF : 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

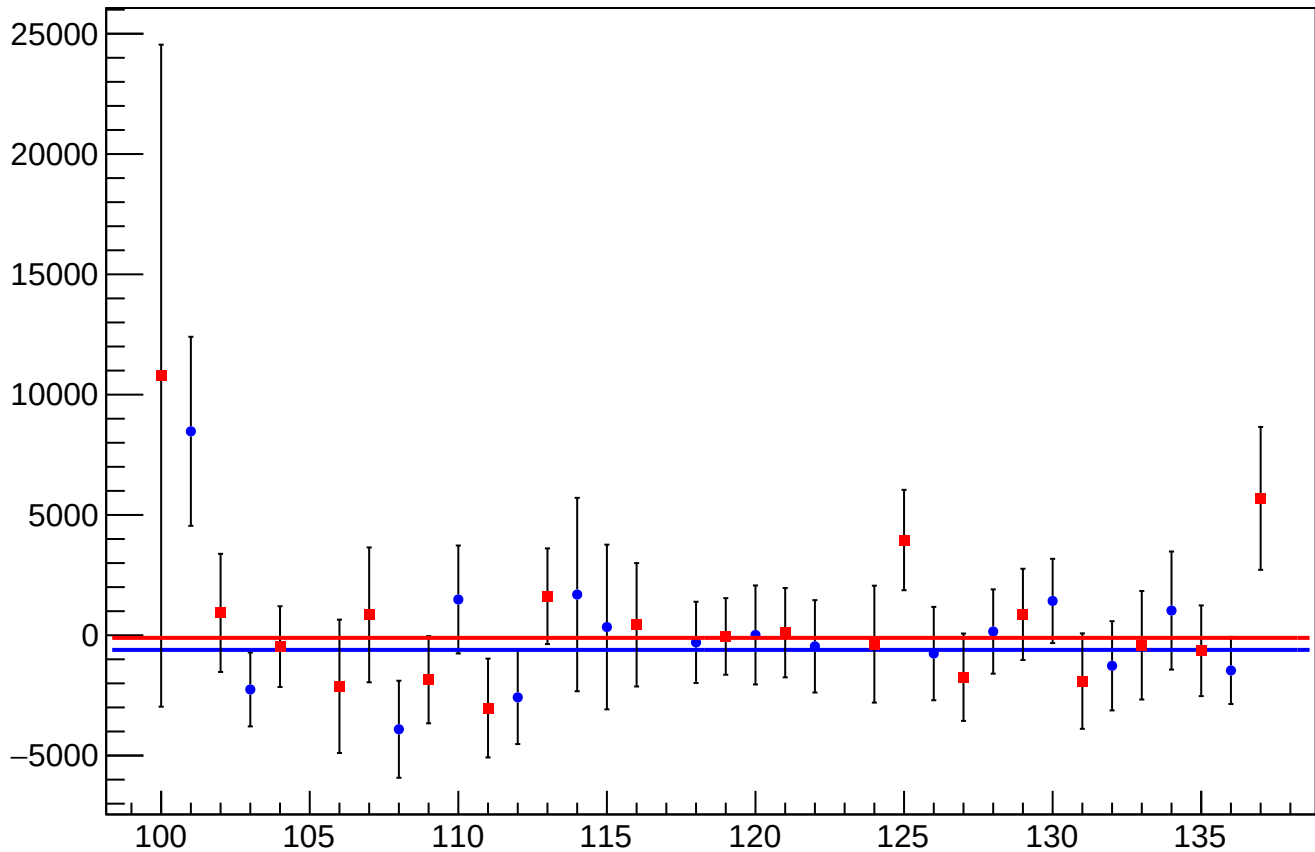
Right: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.619+/-485.553 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

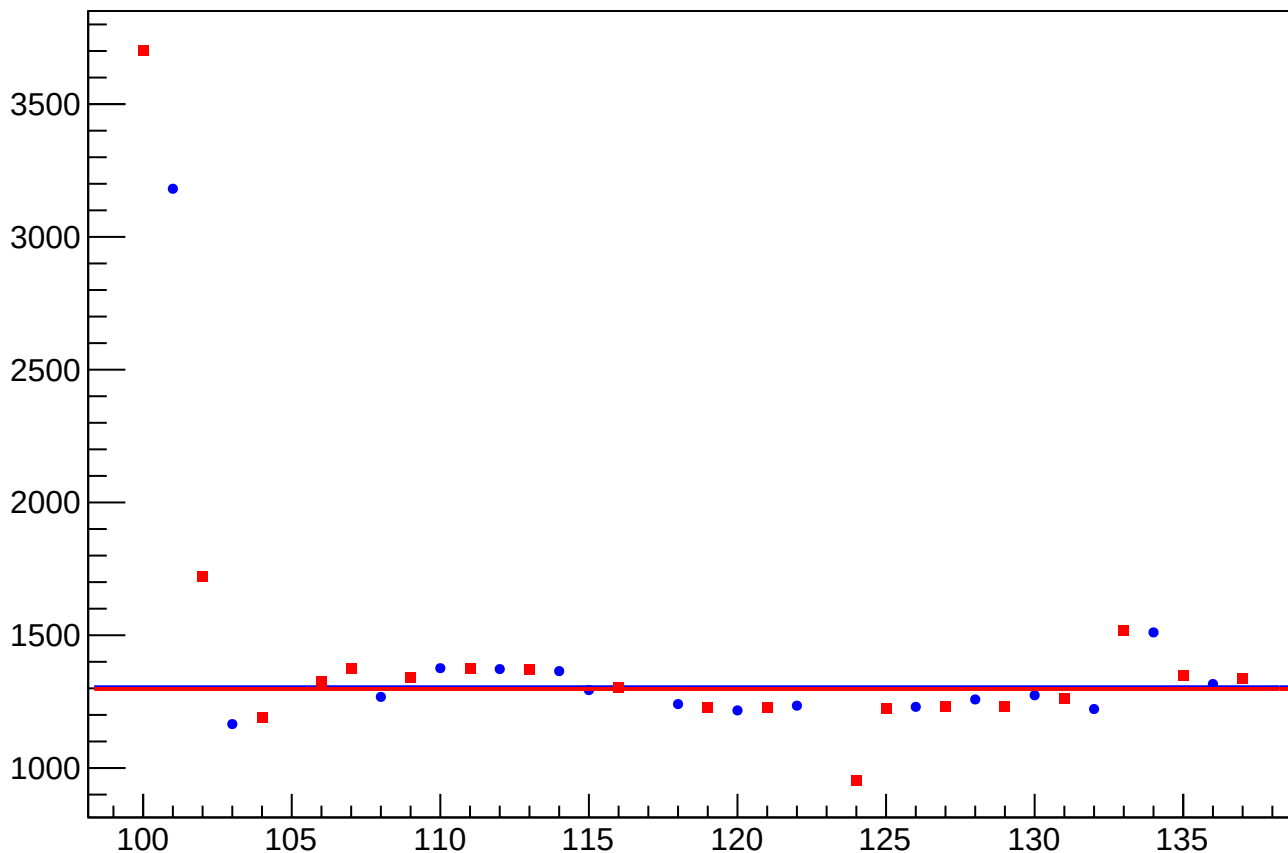
Right: -353.830+/-346.348 χ^2/NDF : 29.5/34

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.830+/-346.348 χ^2/NDF : 29.5/34

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

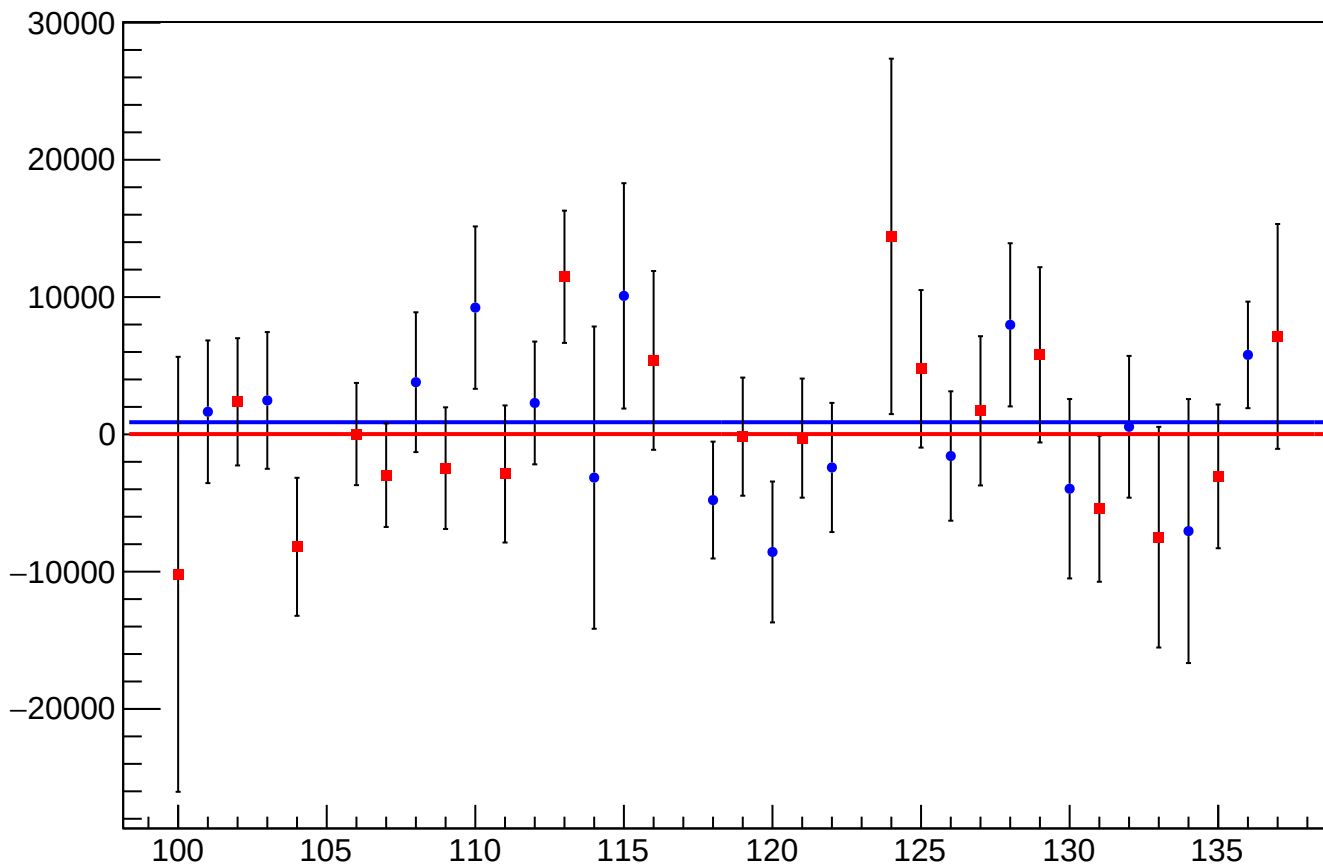
Right: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.677+/-1200.012 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

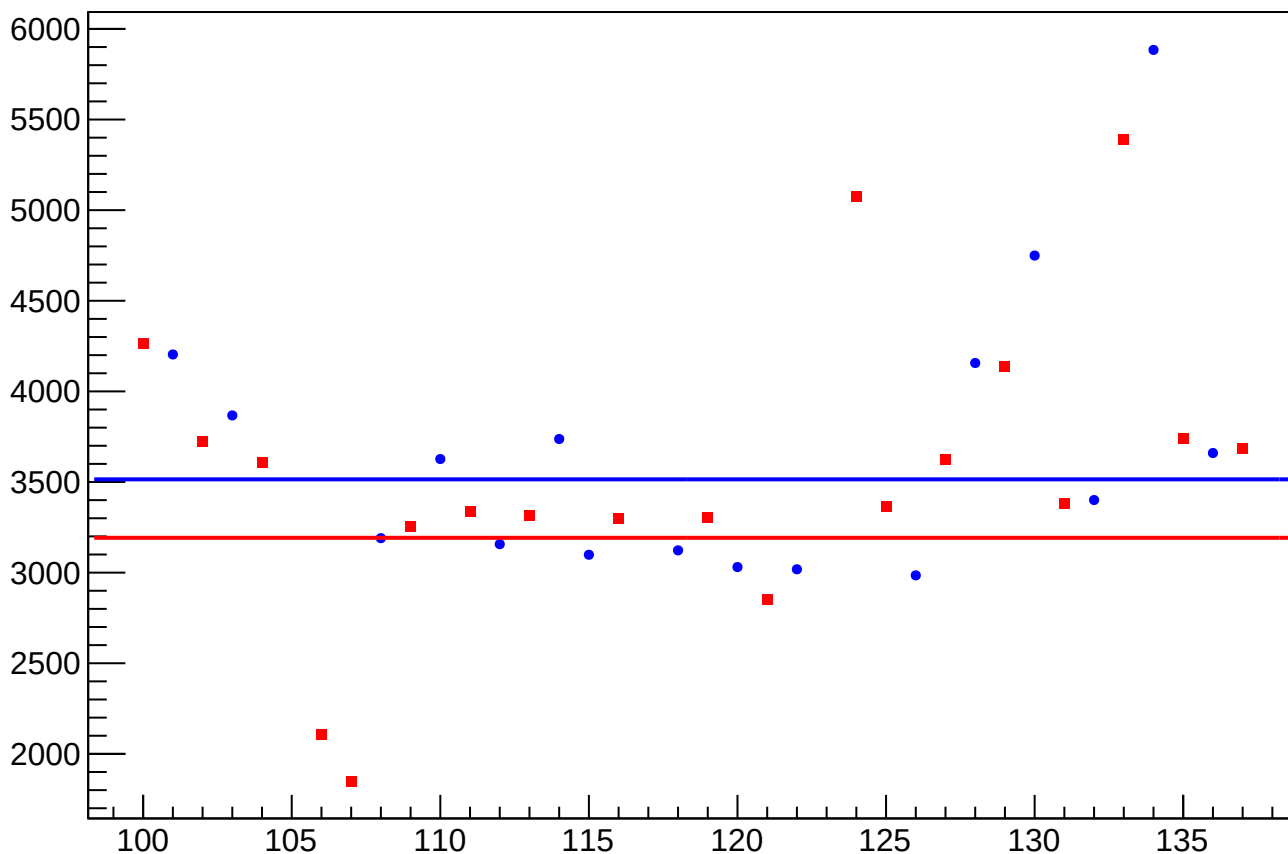
Right: 408.958+/-890.174 χ^2/NDF : 31.2/34

In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.958+/-890.174 χ^2/NDF : 31.2/34

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF : 772497.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

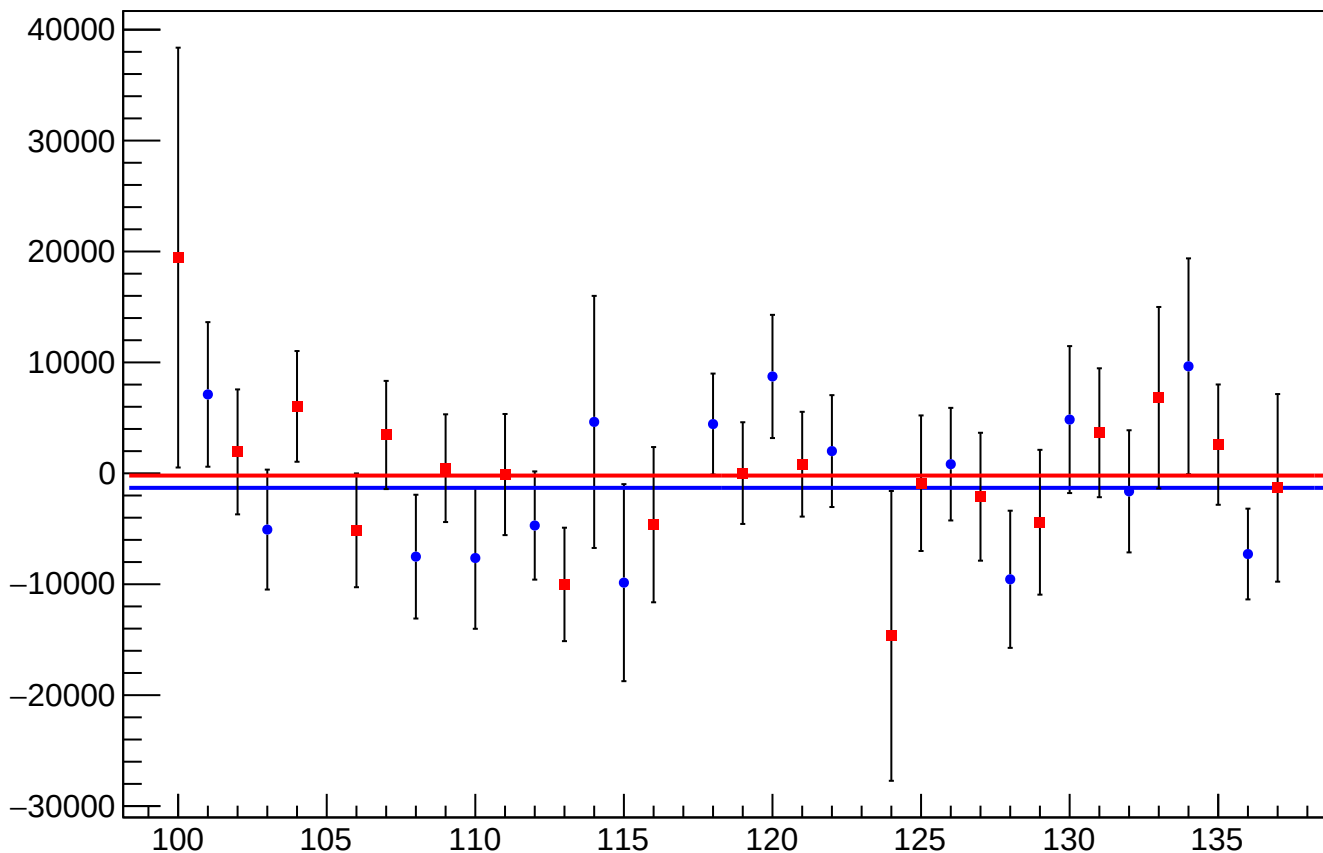
Right: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.593+/-1336.062 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

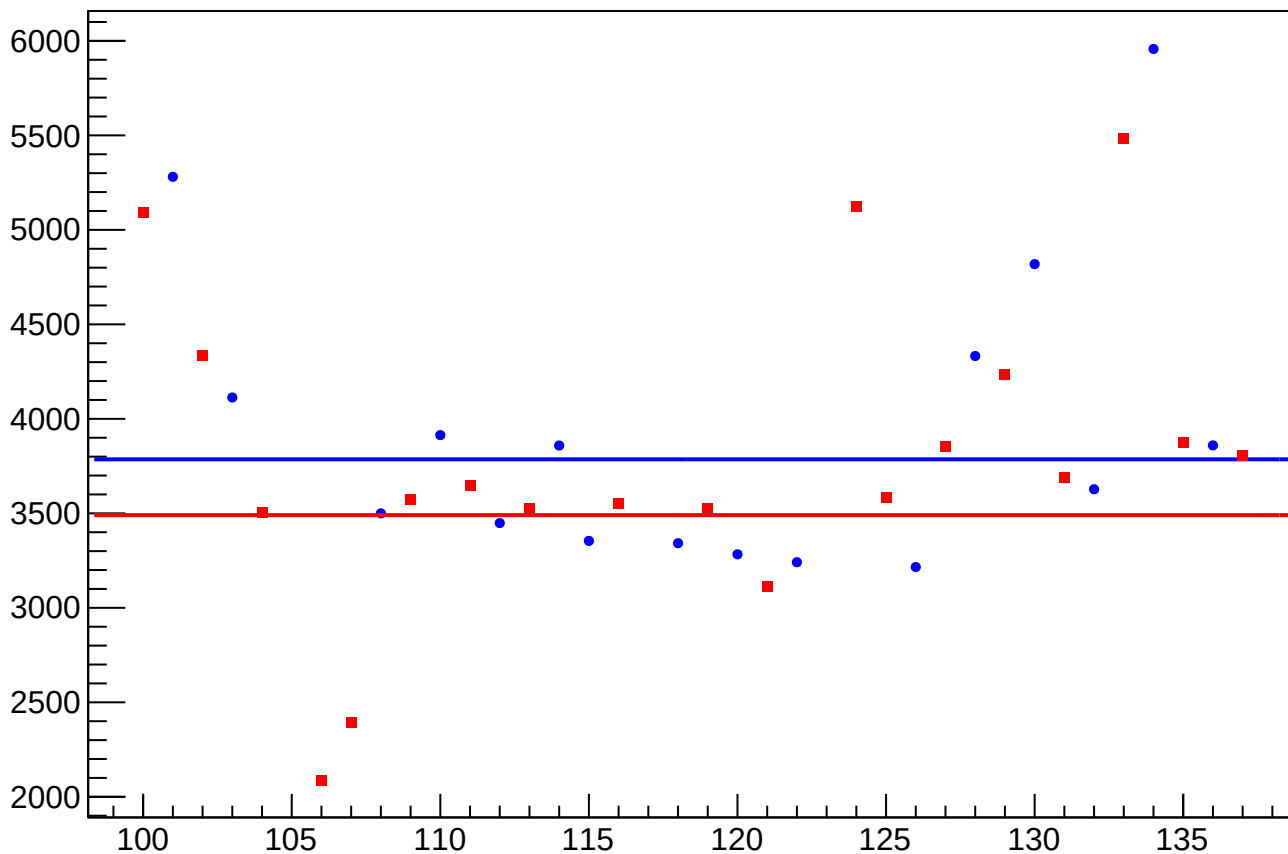
Right: -717.269+/-976.776 χ^2/NDF : 29.5/34

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -717.269+/-976.776 χ^2/NDF : 29.5/34

asym_at1_avg_at2_avg_dd_rms vs Slug, Sign Corrected



Right In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3490.614+/-0.932 χ^2/NDF : 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

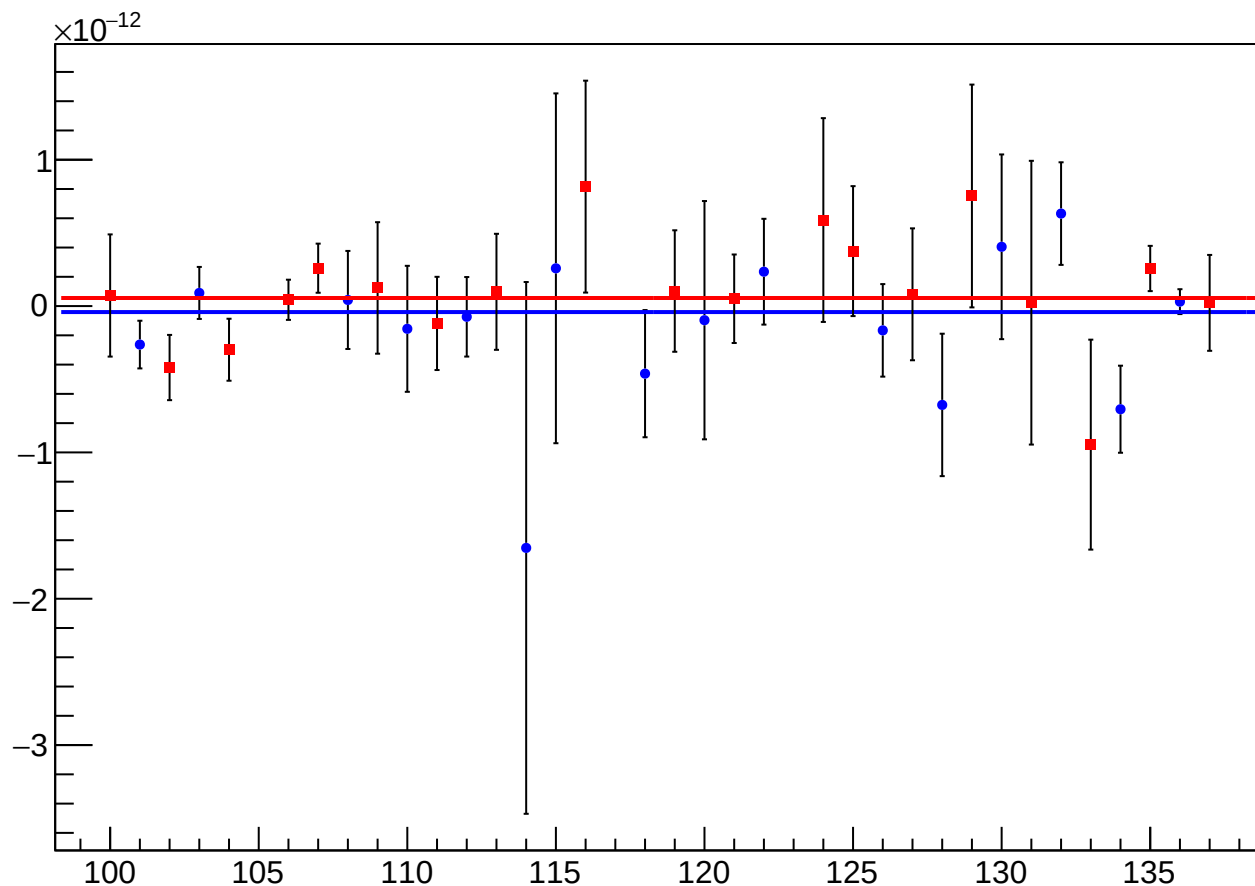
Right: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

asym_at1_avg_at2_avg_dd_reg_vs_slug_sign_corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

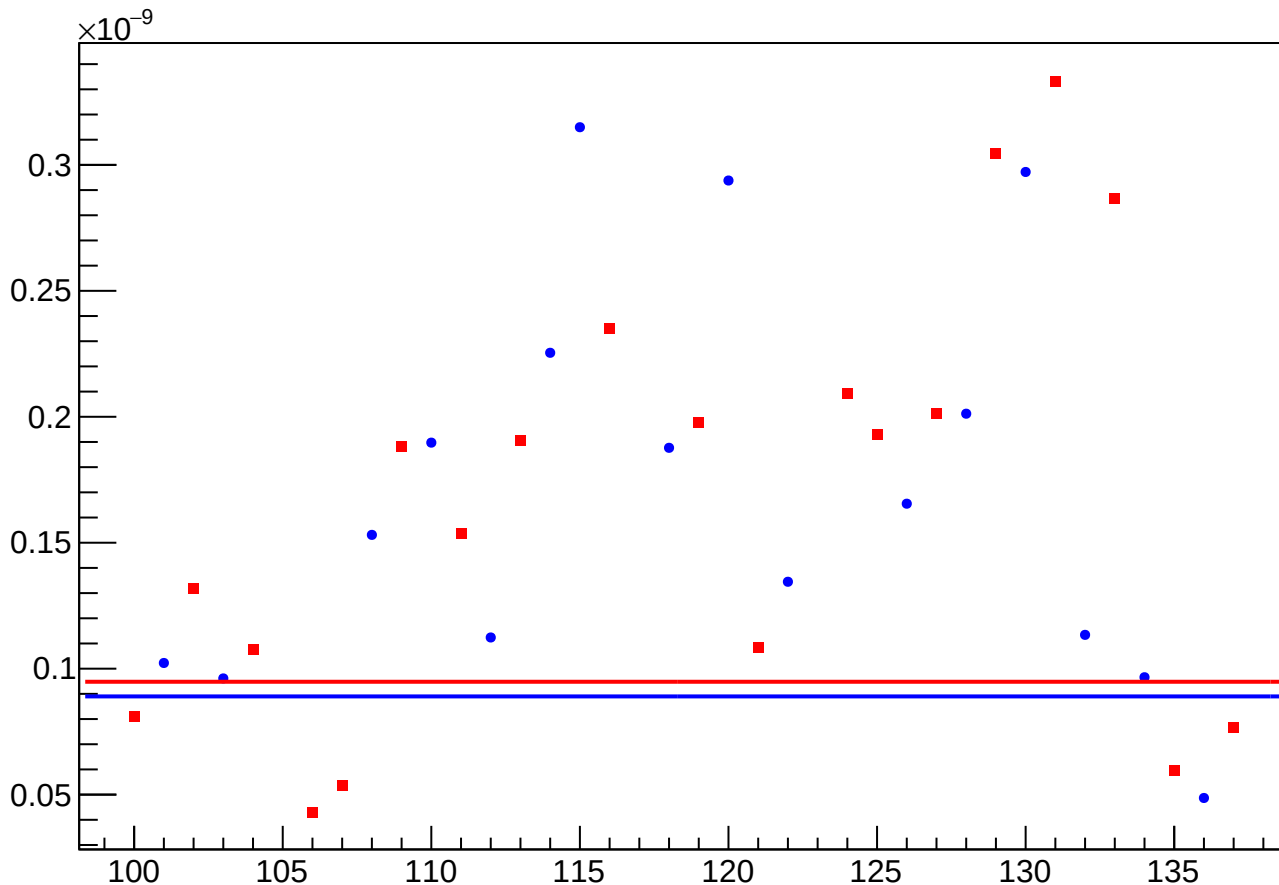
Right: 0.000 ± 0.000 χ^2/NDF : 33.7/34

In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 33.7/34

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1460718.5/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1734601.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 3204262.4/34

In: 0.000+/-0.000

χ^2/NDF : 1460718.5/15

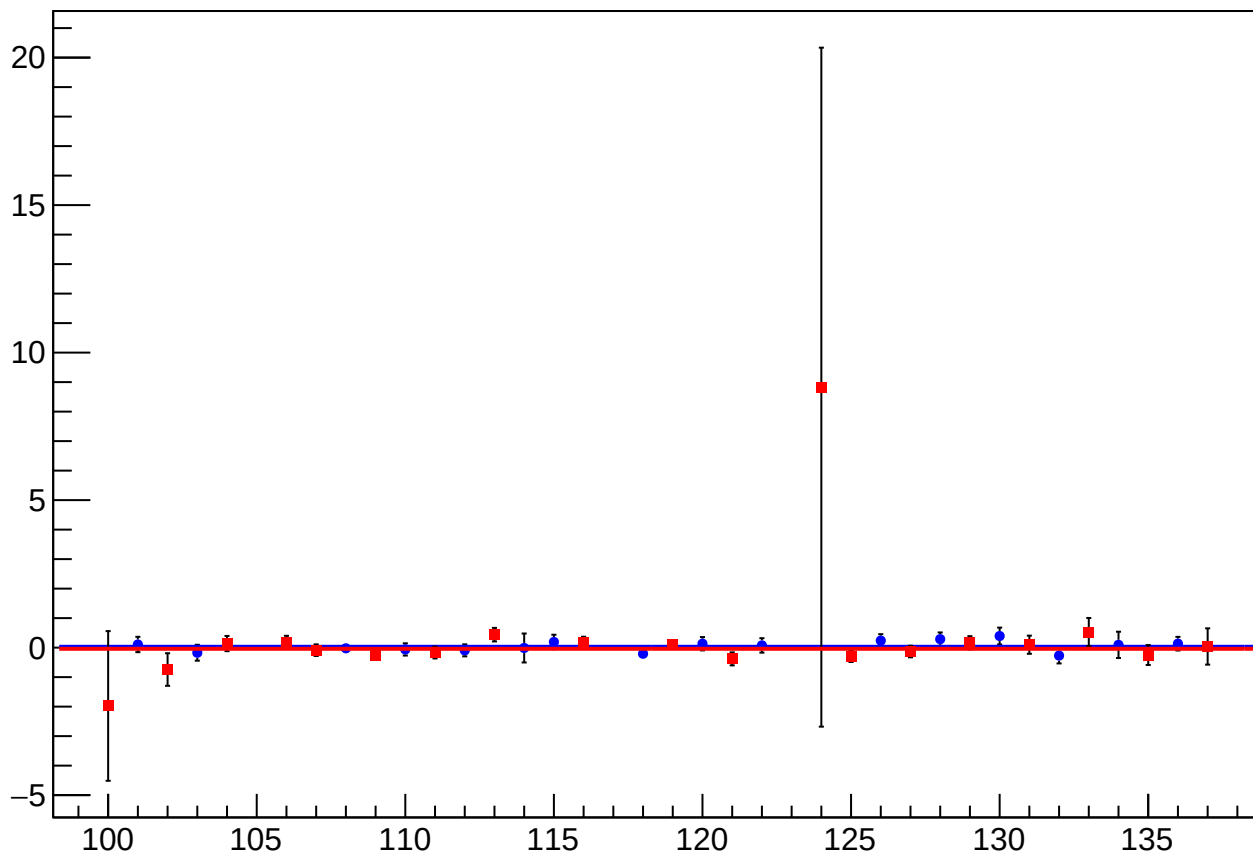
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 3204262.4/34

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

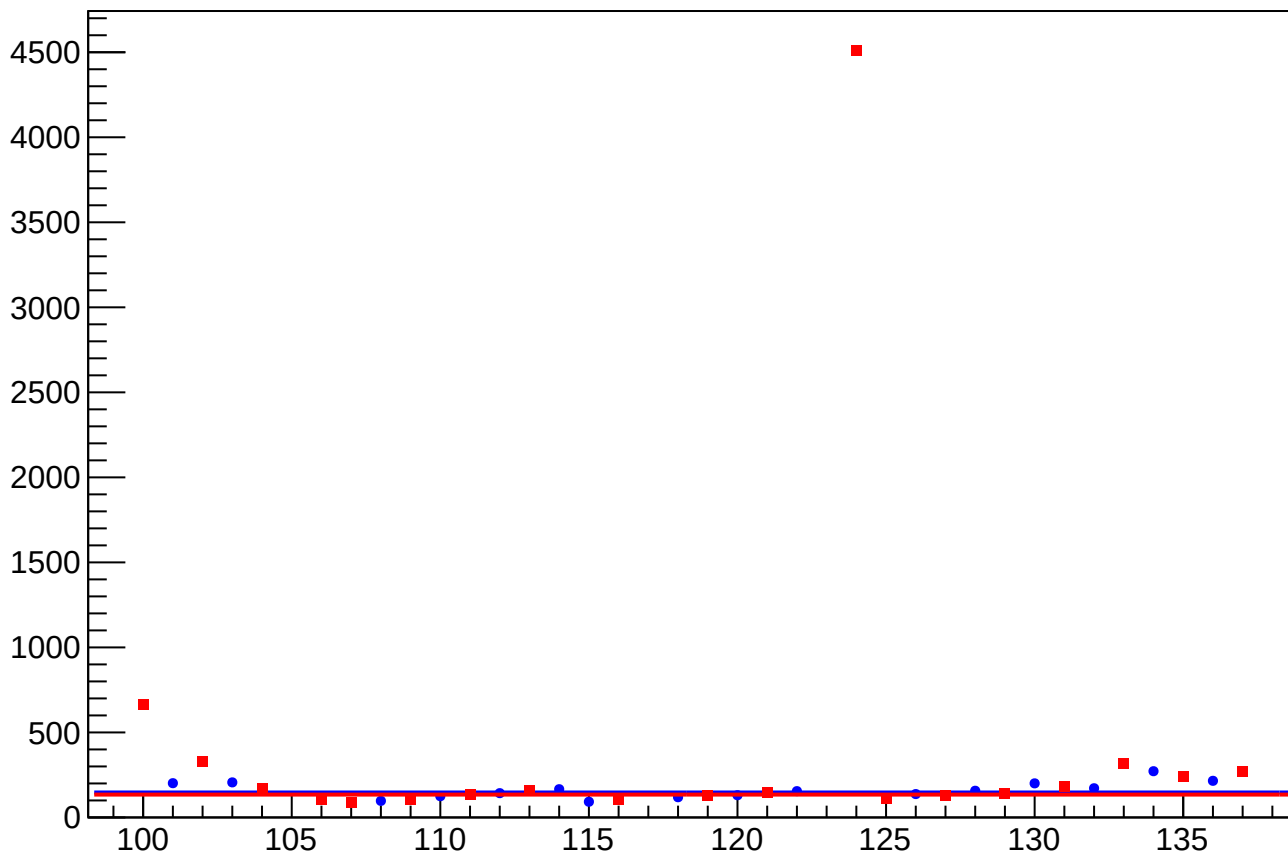
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

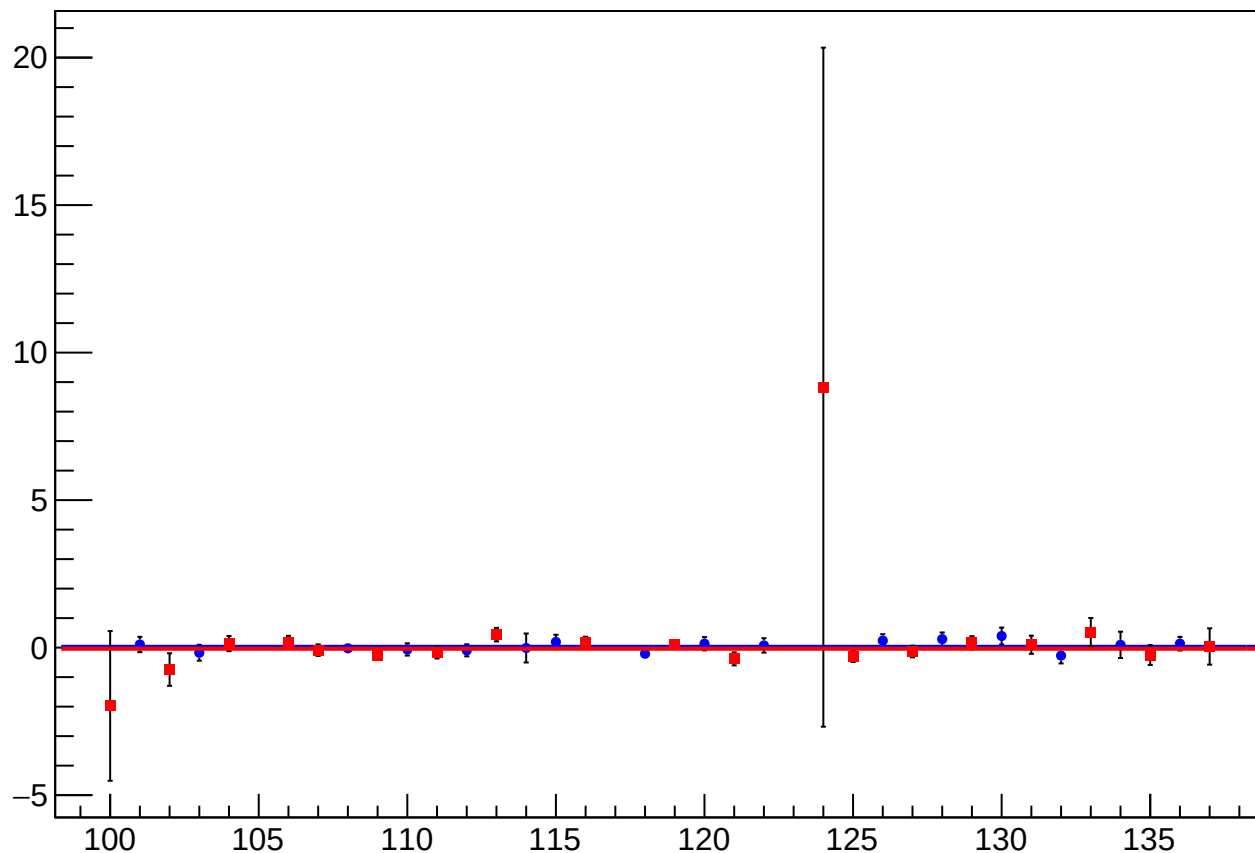
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

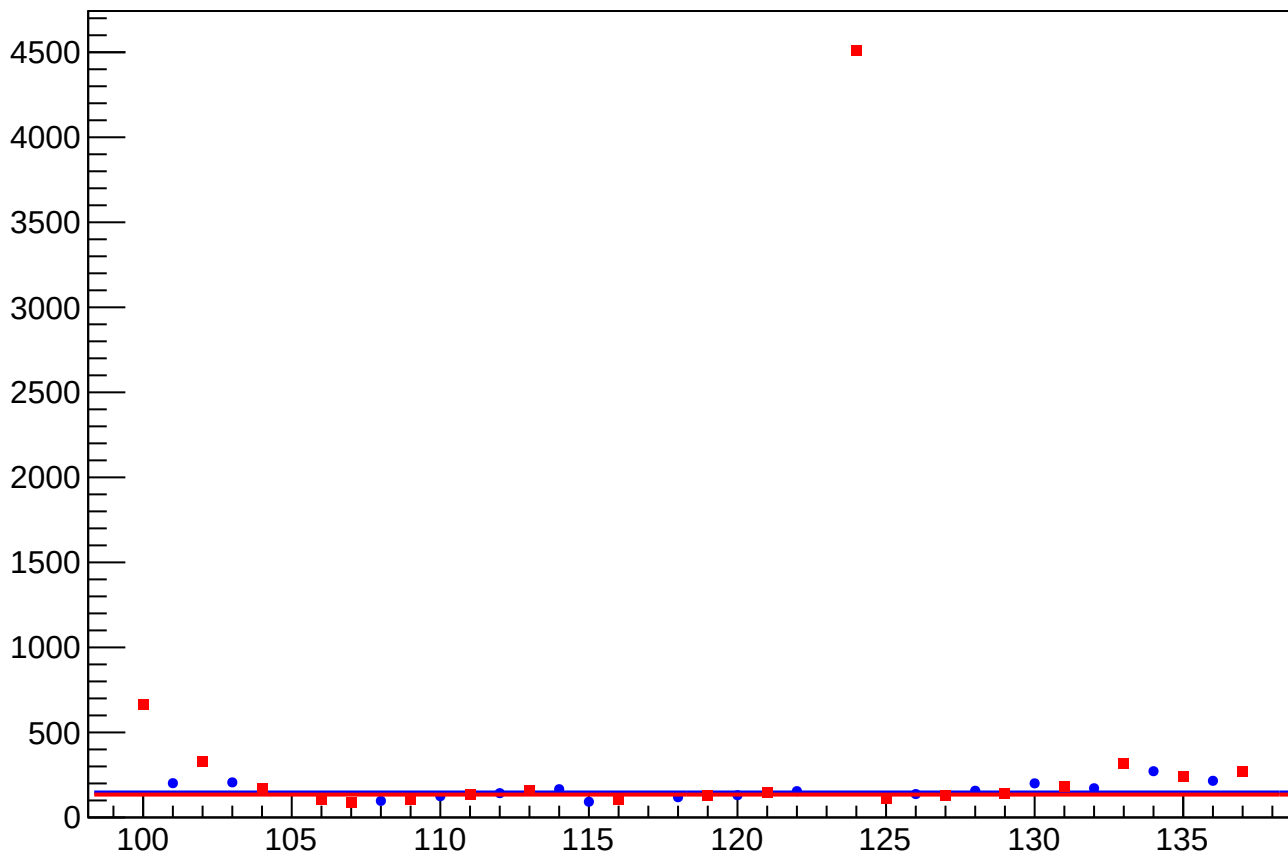
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

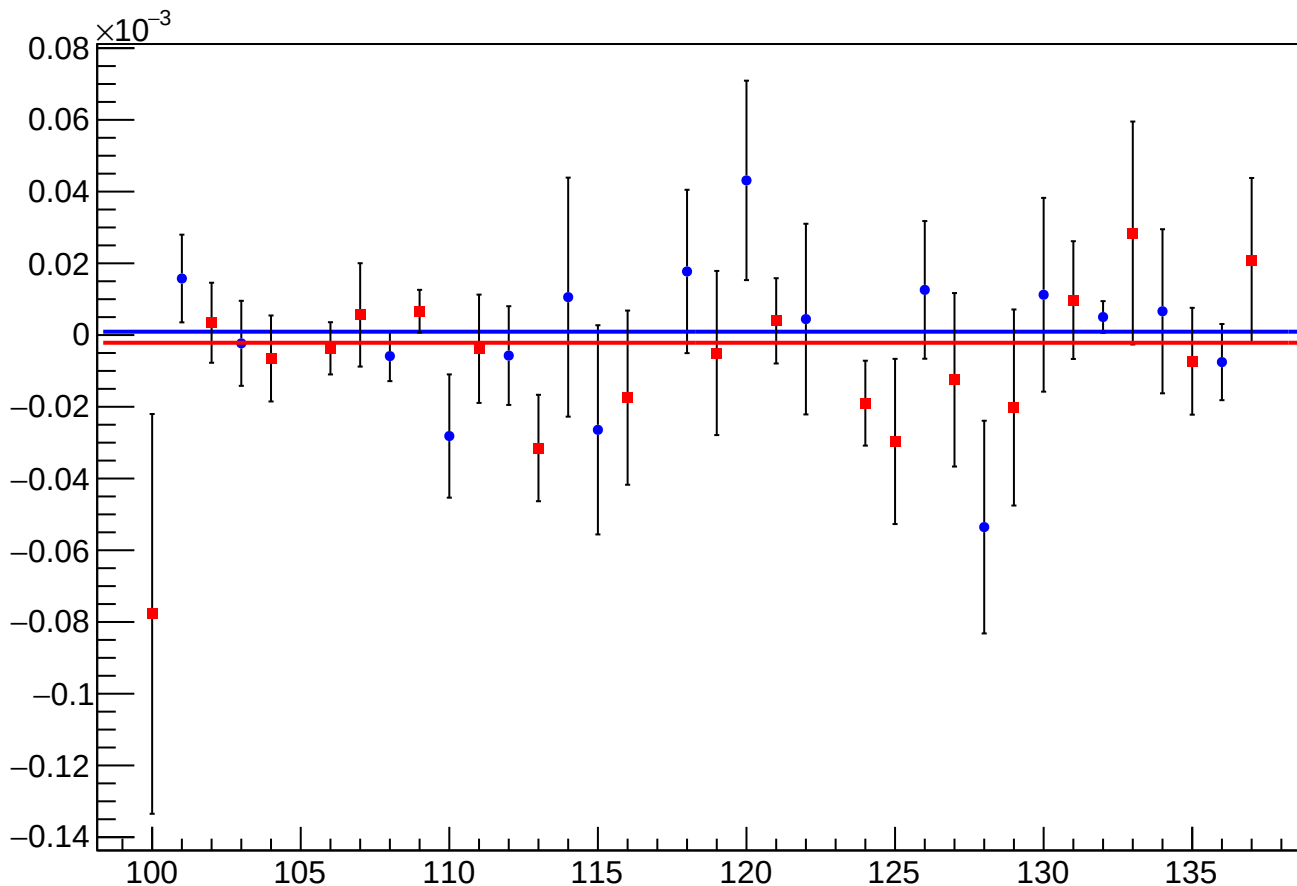
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

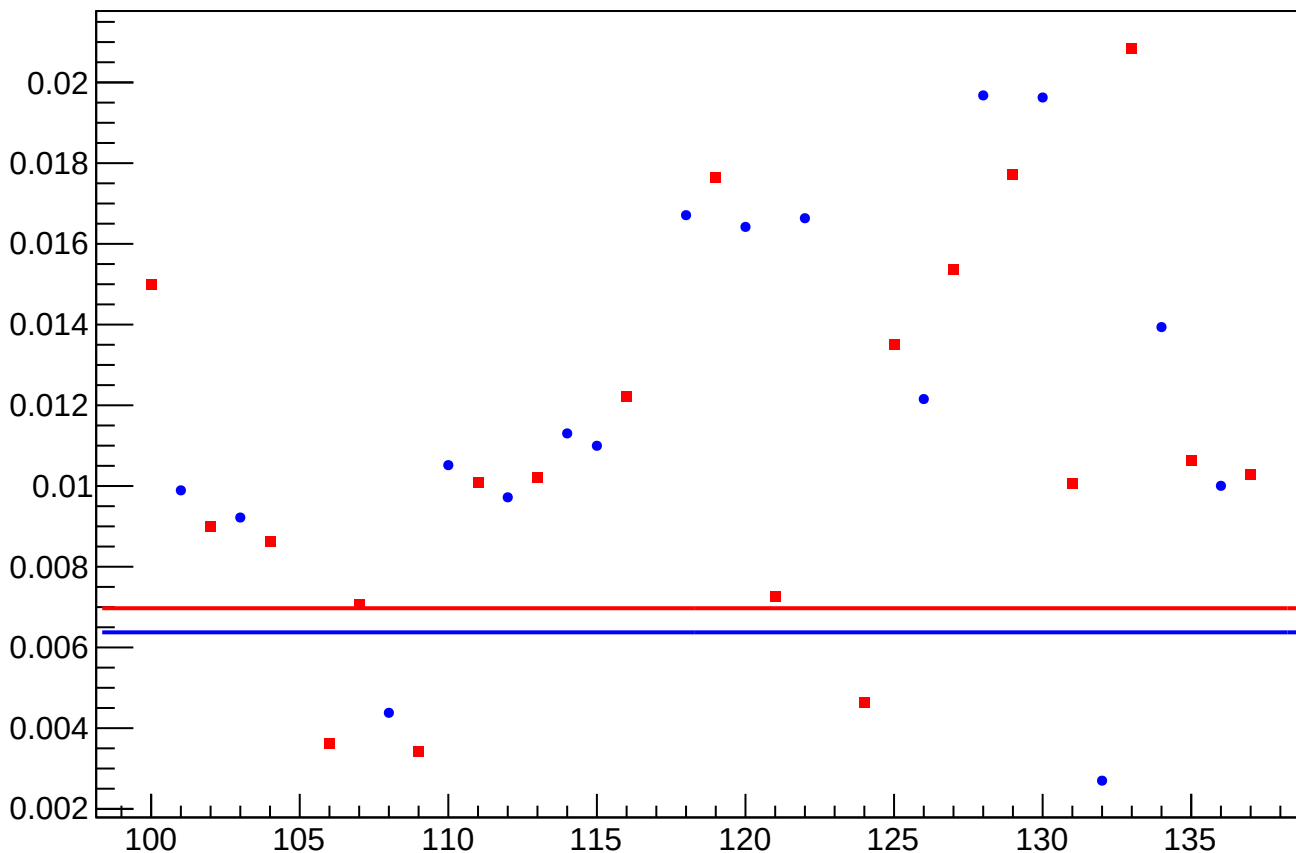
Right: -0.000+/-0.000 χ^2/NDF : 31.5/34

In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/34

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3409939.3/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

In: 0.006+/-0.000

χ^2/NDF :4639775.7/15

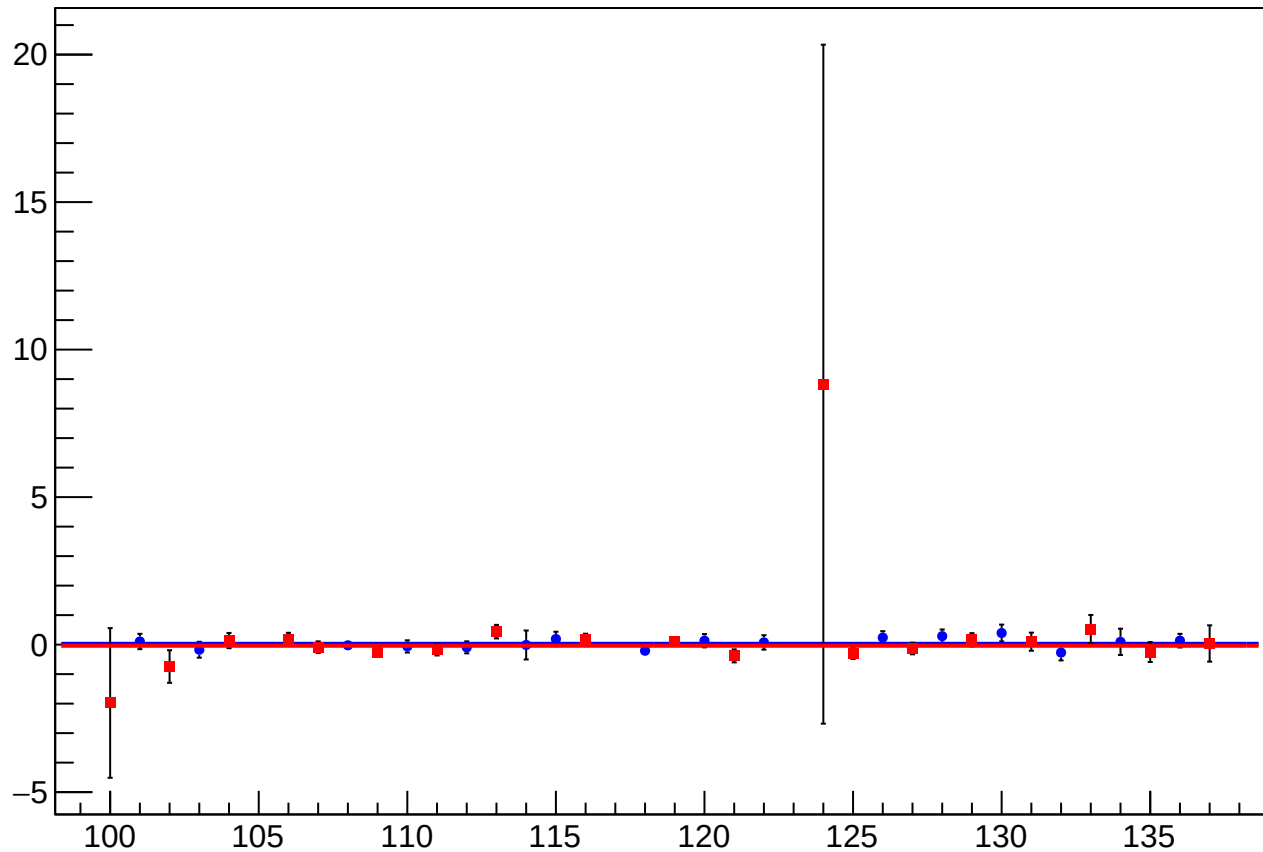
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.055 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

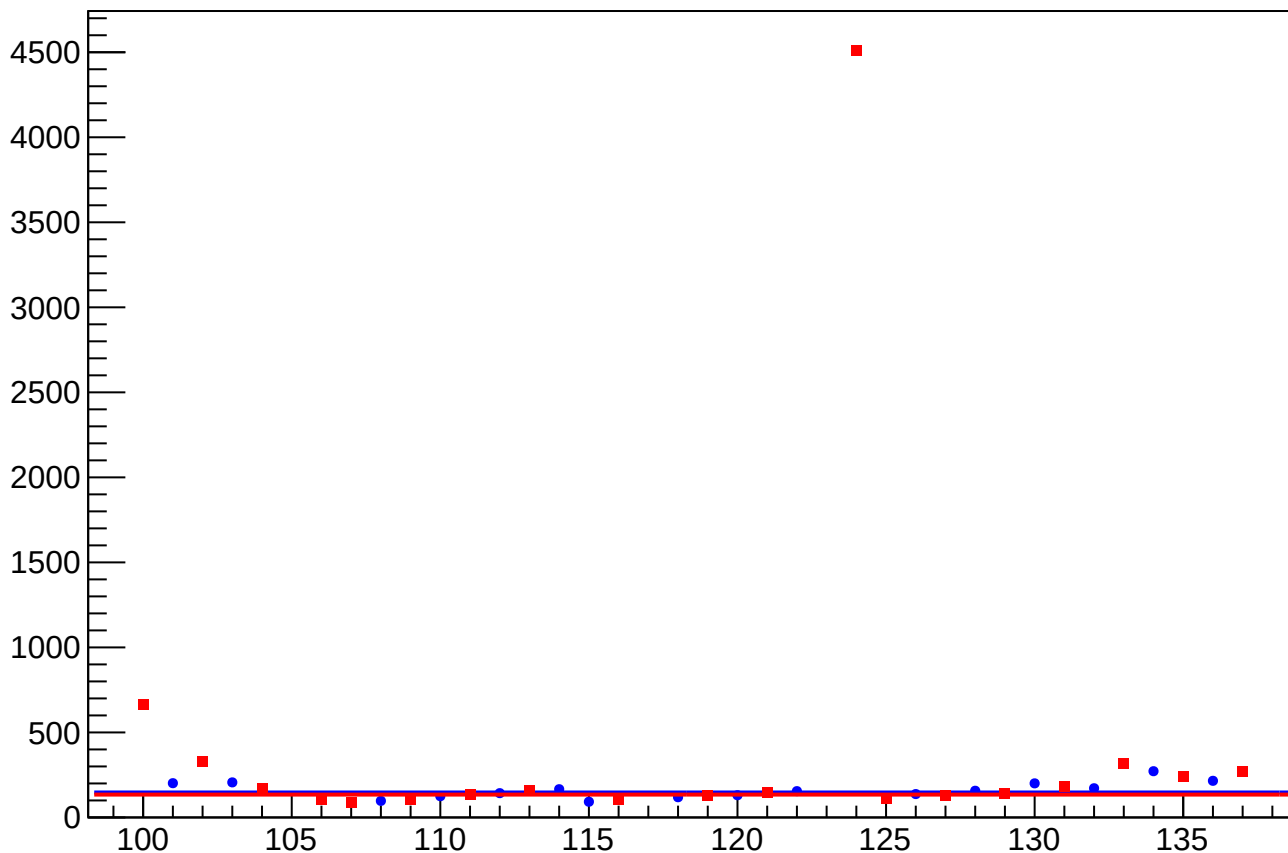
Right: -0.007+/-0.040 χ^2/NDF : 30.2/34

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.040 χ^2/NDF : 30.2/34

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

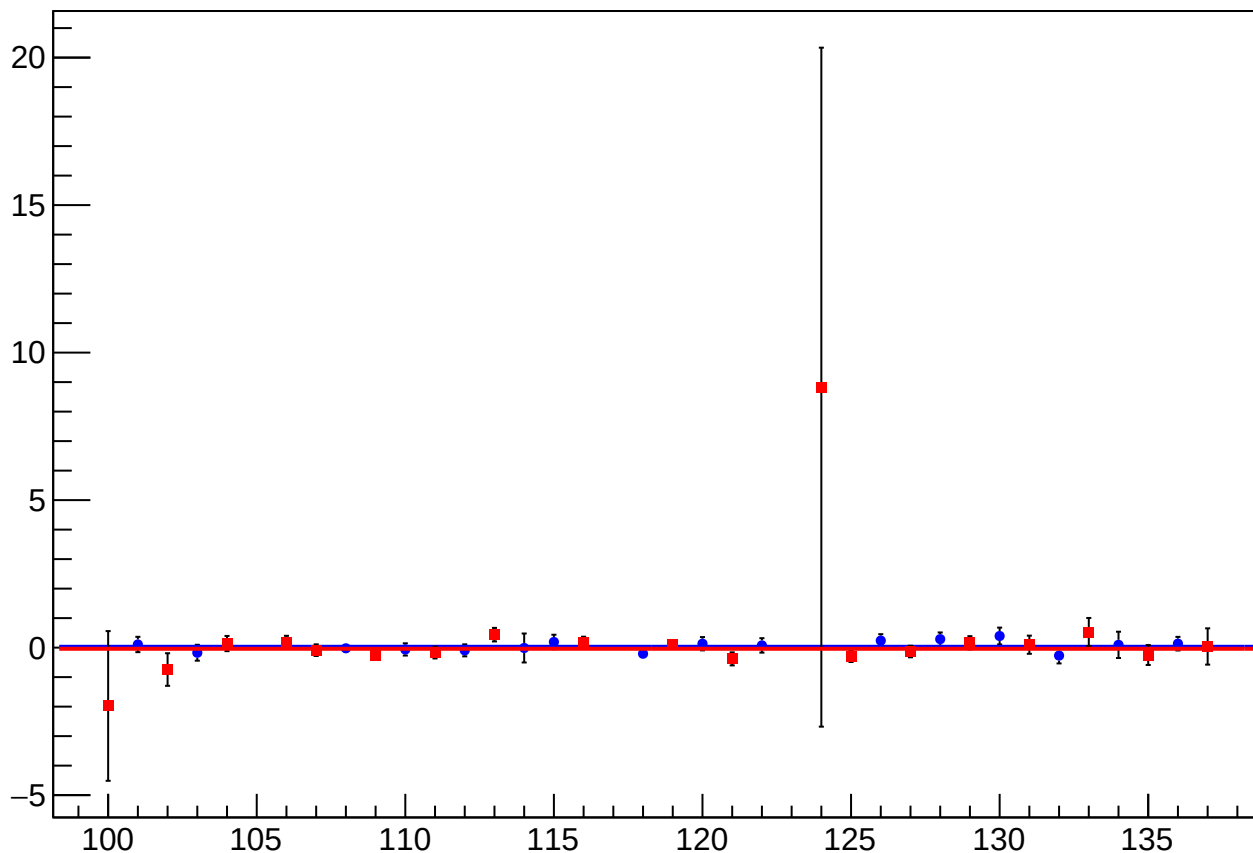
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 ± 0.058 $\chi^2/\text{NDF}: 9.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.039 ± 0.055 $\chi^2/\text{NDF}: 20.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

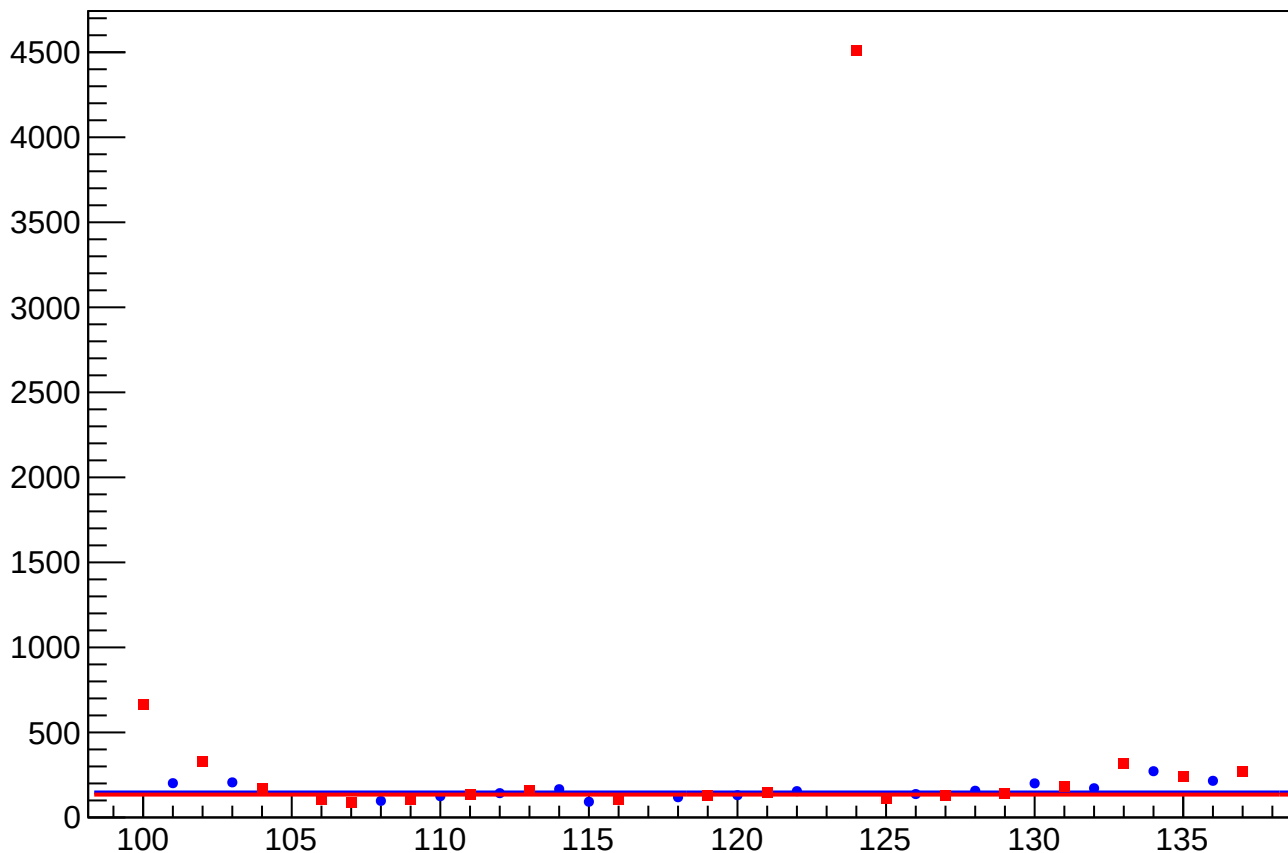
Right: -0.007 ± 0.040 $\chi^2/\text{NDF}: 30.2/34$

In: 0.028 ± 0.058 $\chi^2/\text{NDF}: 9.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.007 ± 0.040 $\chi^2/\text{NDF}: 30.2/34$

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

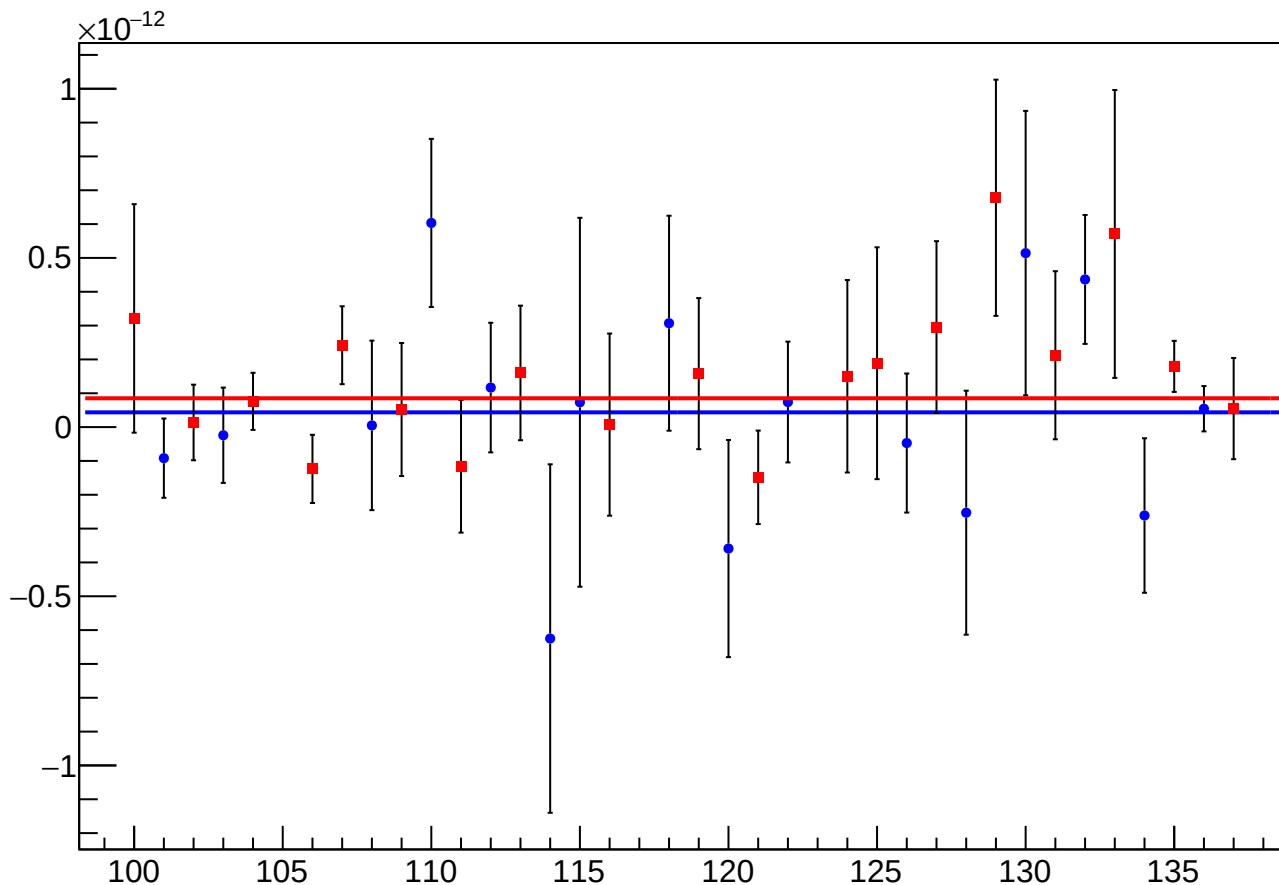
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

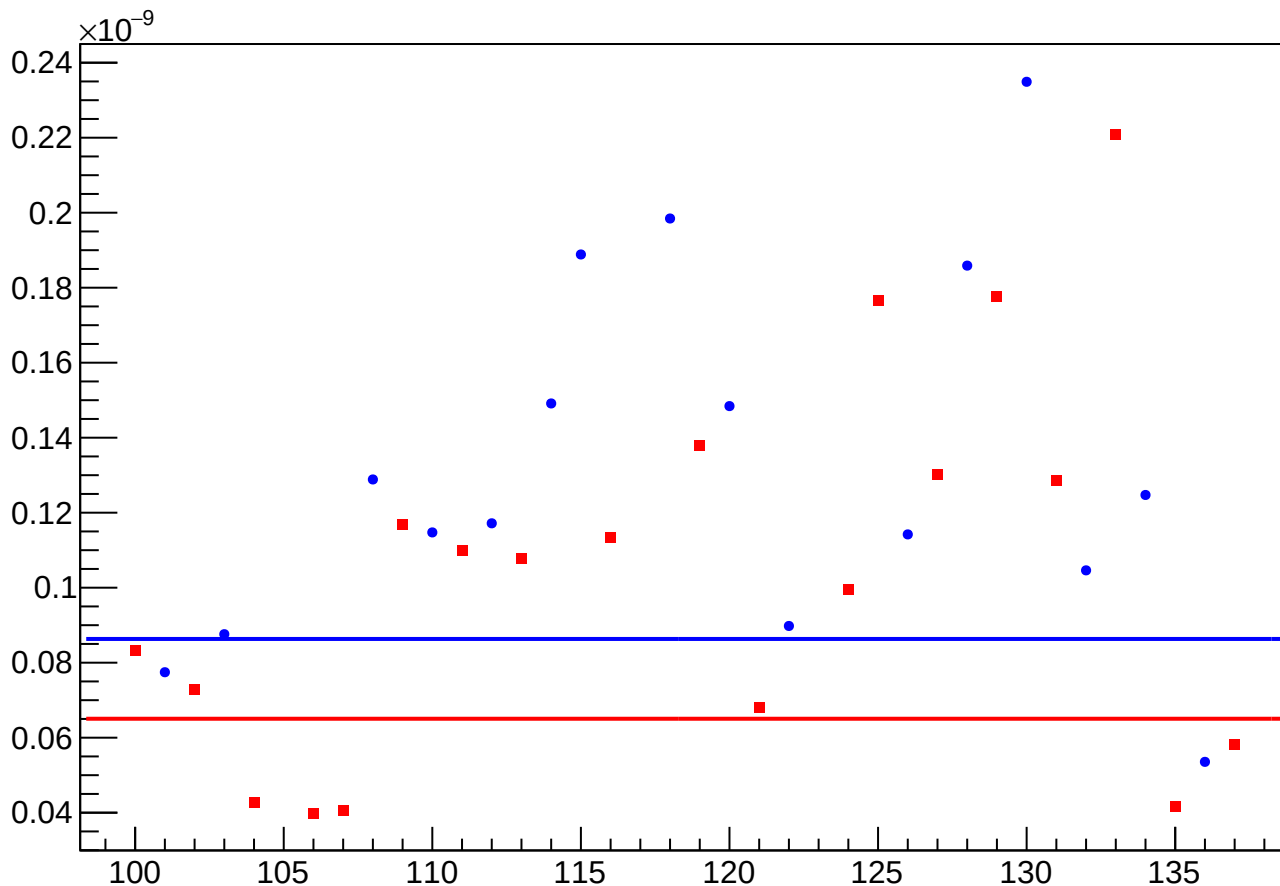
Right: 0.000+/-0.000 χ^2/NDF : 37.8/34

In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.8/34

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2158861.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

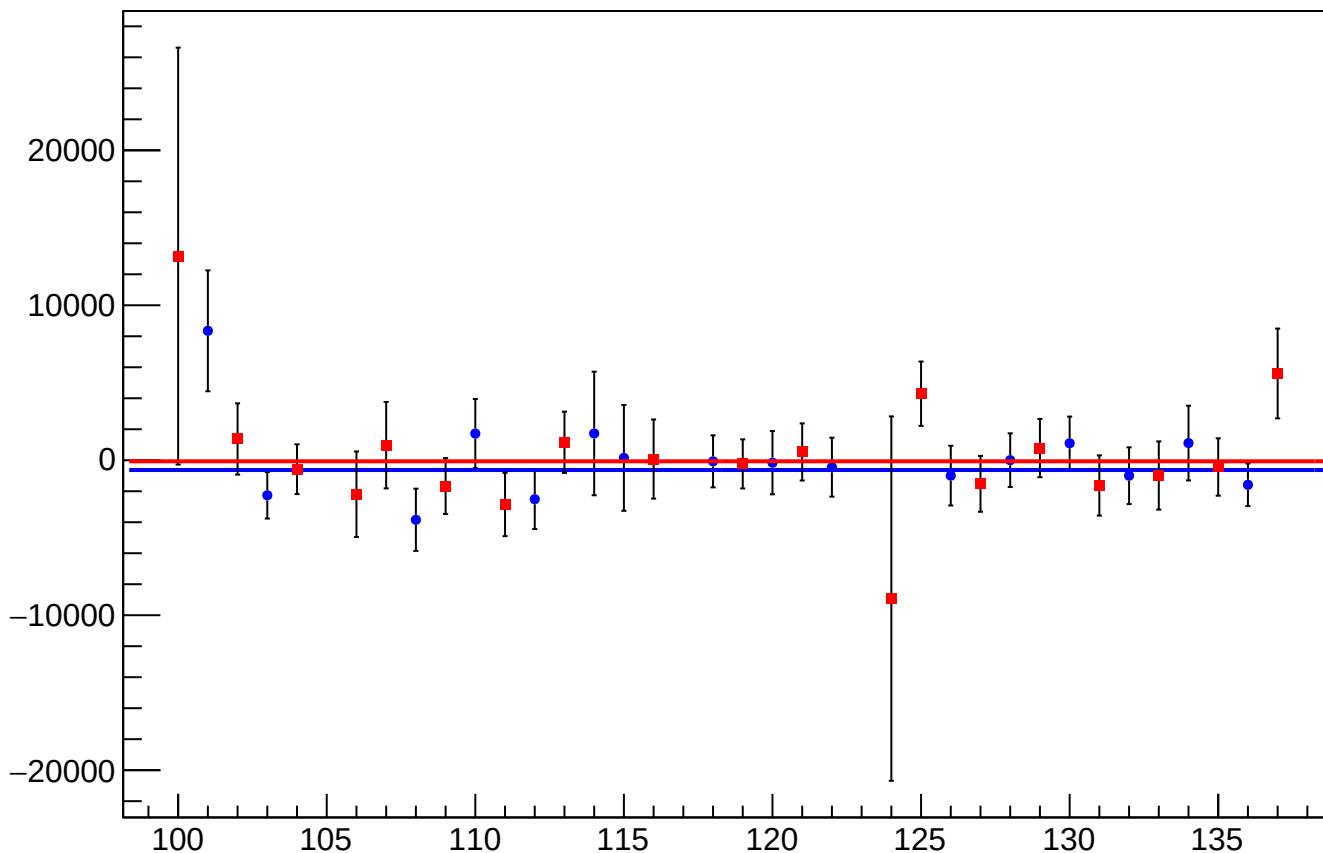
Right: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.642+/-487.761 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

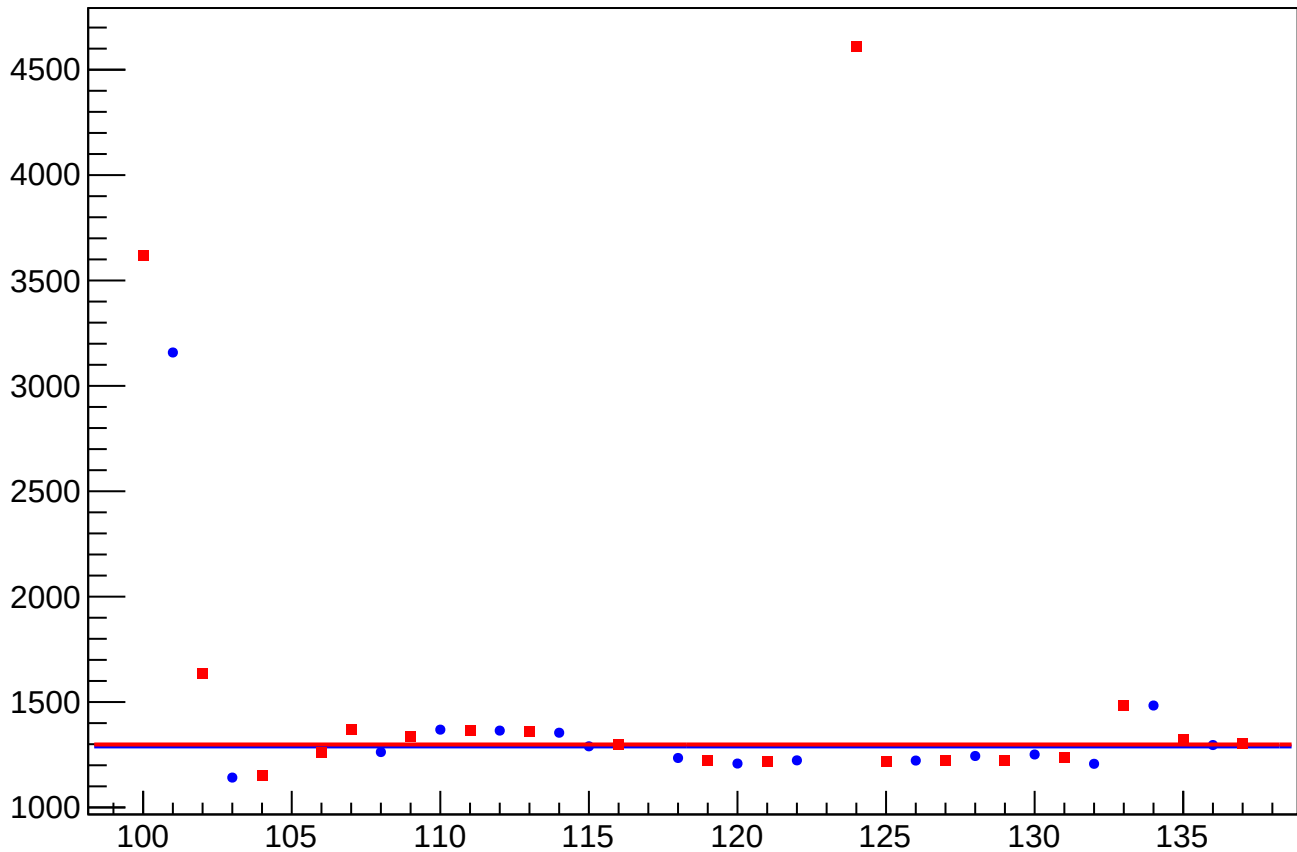
Right: -348.821+/-345.217 χ^2/NDF : 30.4/34

In: -631.041+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.821+/-345.217 χ^2/NDF : 30.4/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.466+/-0.346 χ^2/NDF : 514675.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.656+/-0.344 χ^2/NDF : 319374.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

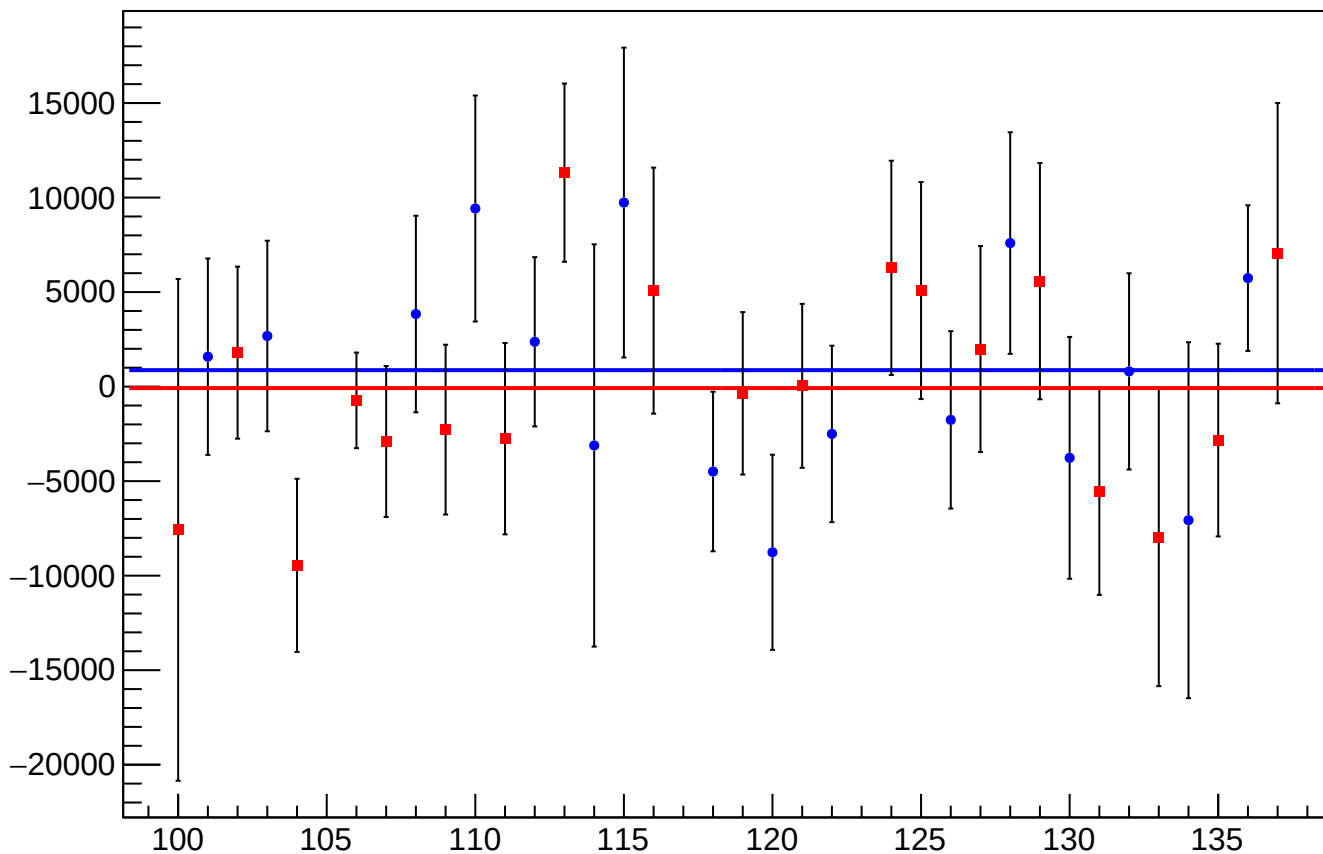
Right: 1294.081+/-0.244 χ^2/NDF : 834405.1/34

In: 1289.466+/-0.346 χ^2/NDF : 514675.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.081+/-0.244 χ^2/NDF : 834405.1/34

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295 ± 1325.278 $\chi^2/\text{NDF}: 14.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -77.323 ± 1111.074 $\chi^2/\text{NDF}: 18.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

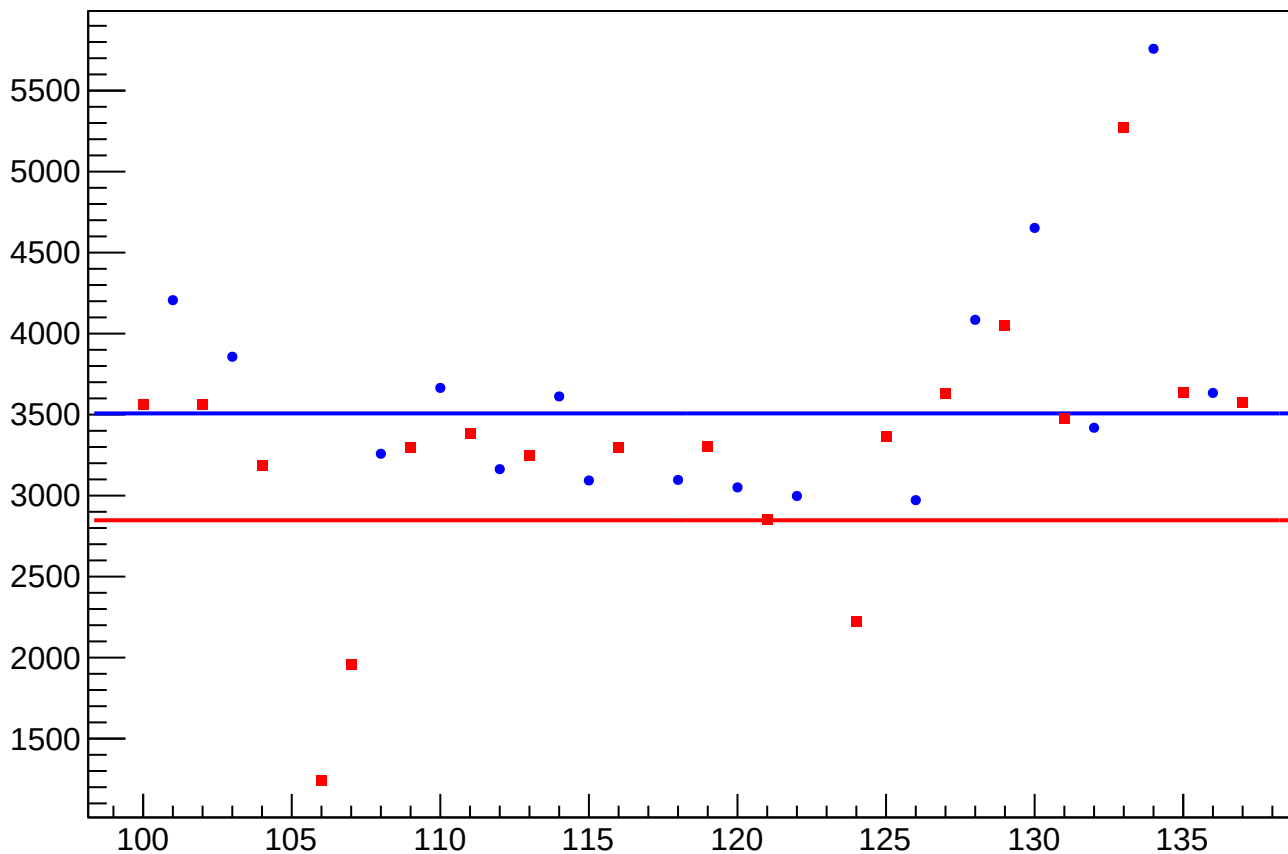
Right: 313.810 ± 851.438 $\chi^2/\text{NDF}: 32.7/34$

In: 870.295 ± 1325.278 $\chi^2/\text{NDF}: 14.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 313.810 ± 851.438 $\chi^2/\text{NDF}: 32.7/34$

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.833+/-0.786 χ^2/NDF : 1499373.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

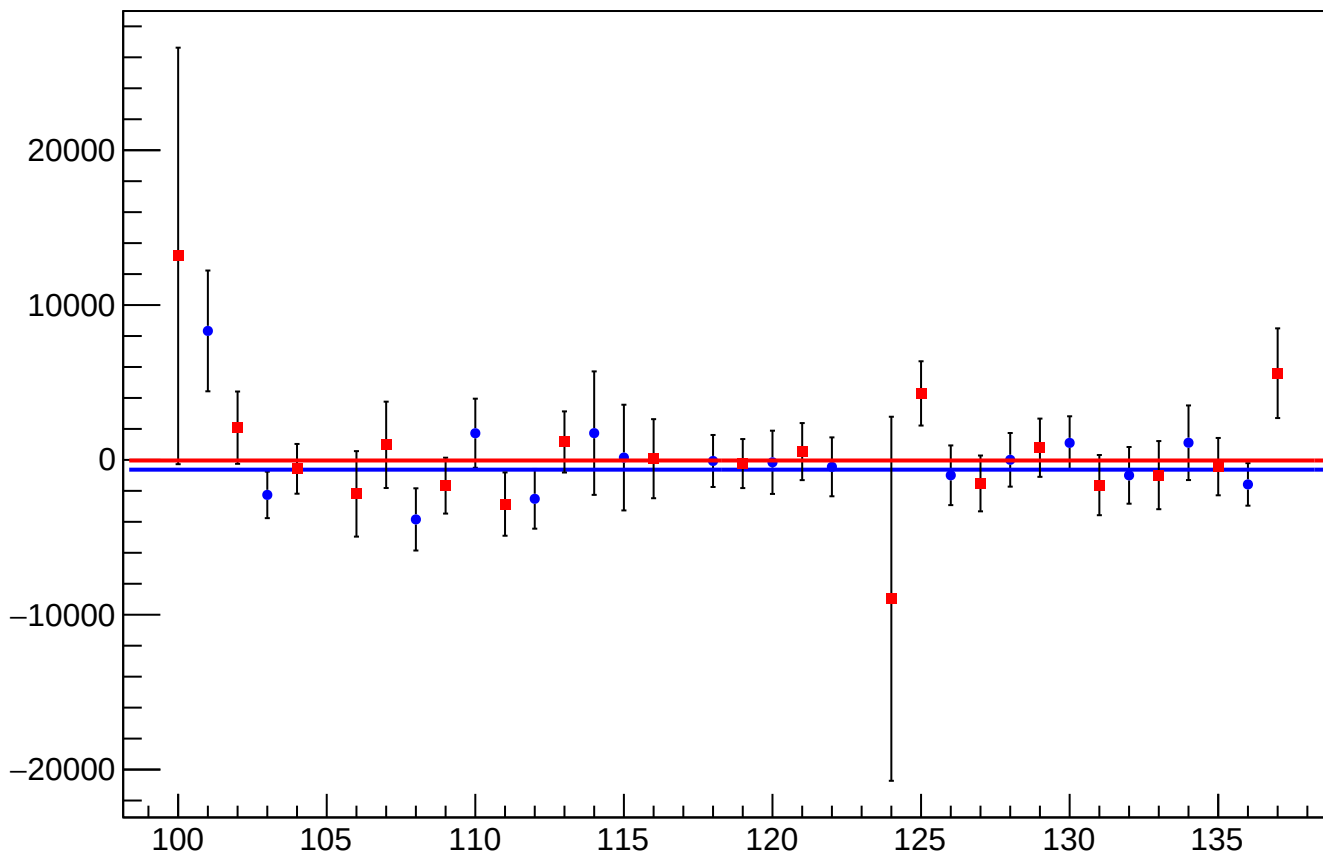
Right: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3120.071+/-0.602 χ^2/NDF : 2144256.9/34

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

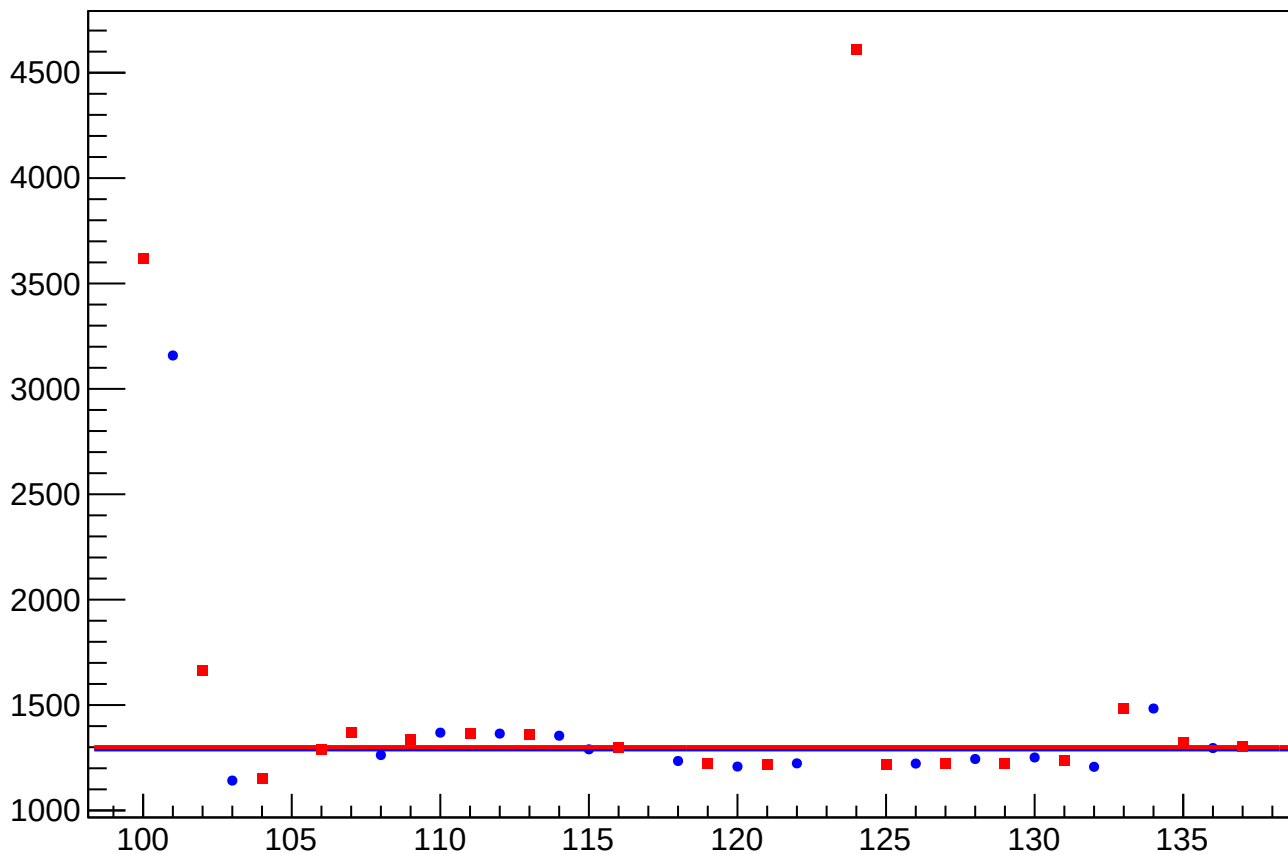
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.466 $\pm$ 0.346 χ^2 /NDF: 514676.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1300.684 $\pm$ 0.344 χ^2 /NDF: 325907.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

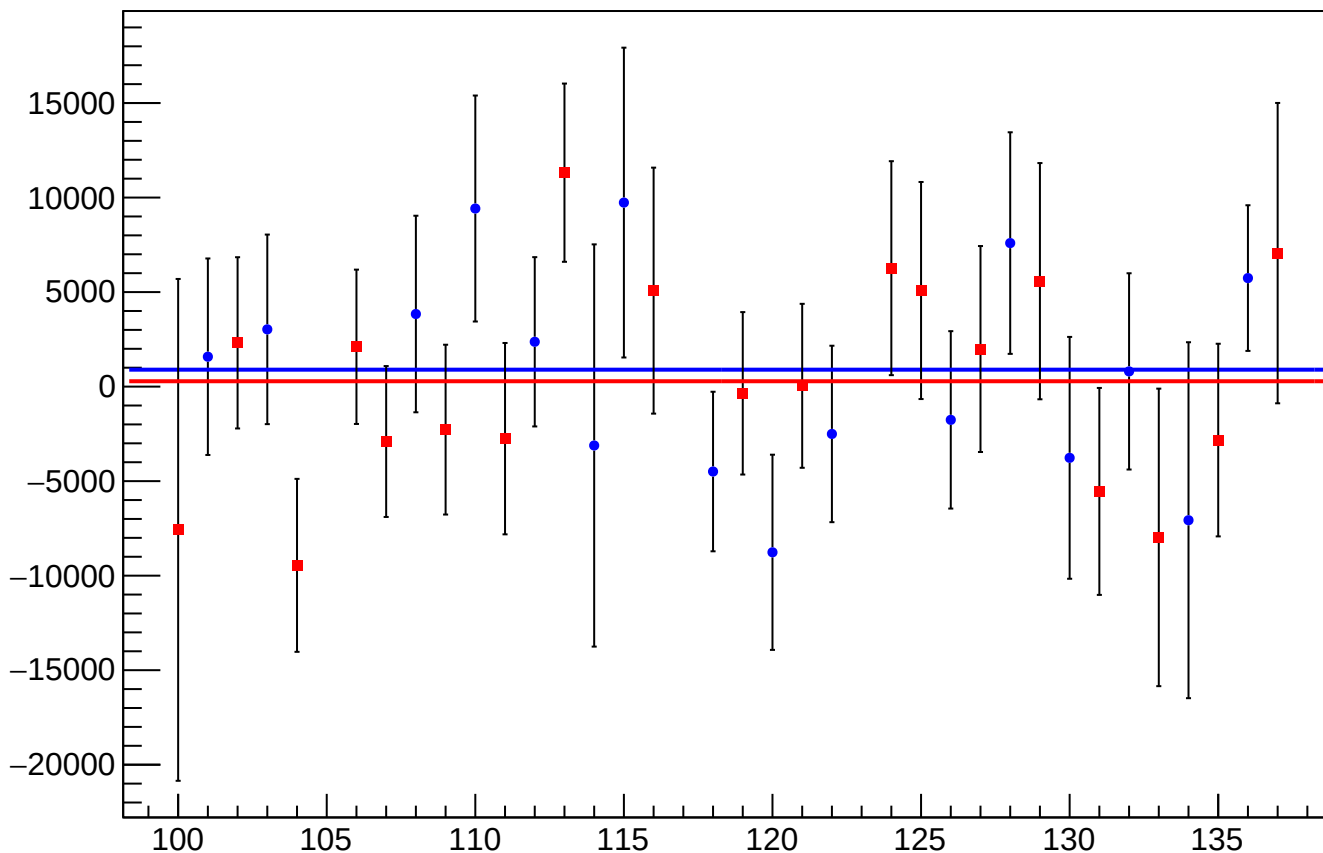
Right: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

In: 1289.466 $\pm$ 0.346 χ^2 /NDF:514676.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1295.092 $\pm$ 0.244 χ^2 /NDF: 841112.8/34

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.963+/-1183.171 χ^2/NDF : 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

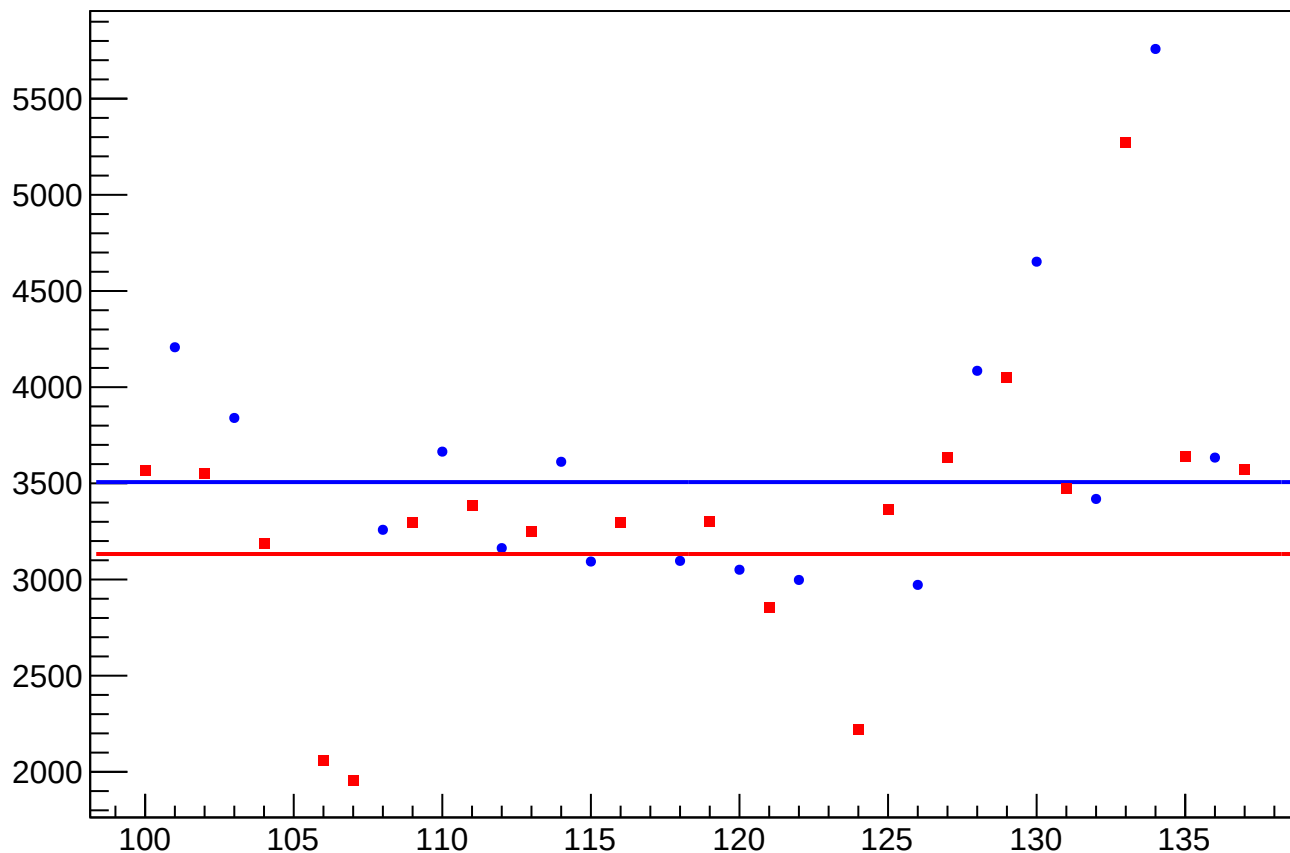
Right: 555.531+/-882.475 χ^2/NDF : 32.8/34

In: 896.017+/-1324.823 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.531+/-882.475 χ^2/NDF : 32.8/34

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

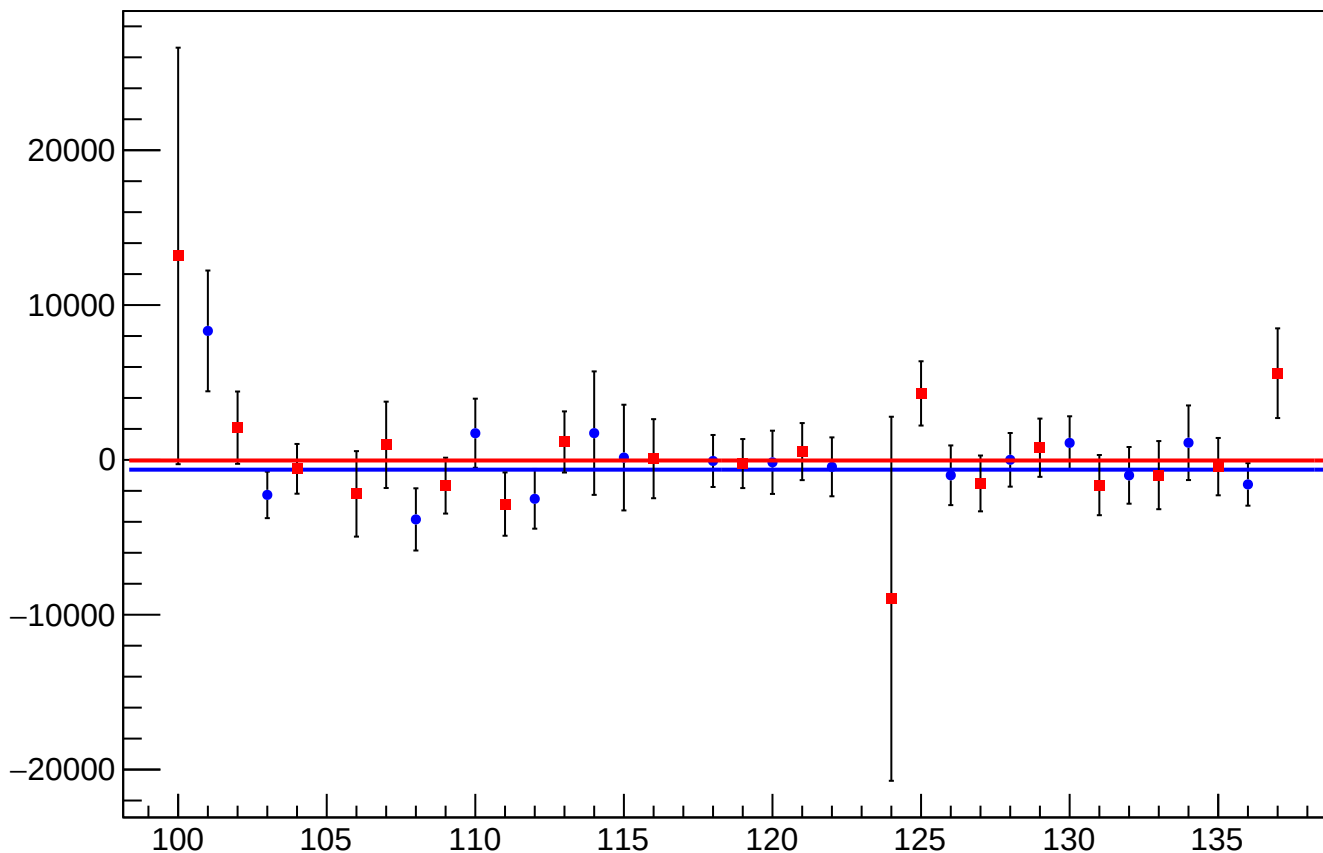
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.623+/-488.084 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

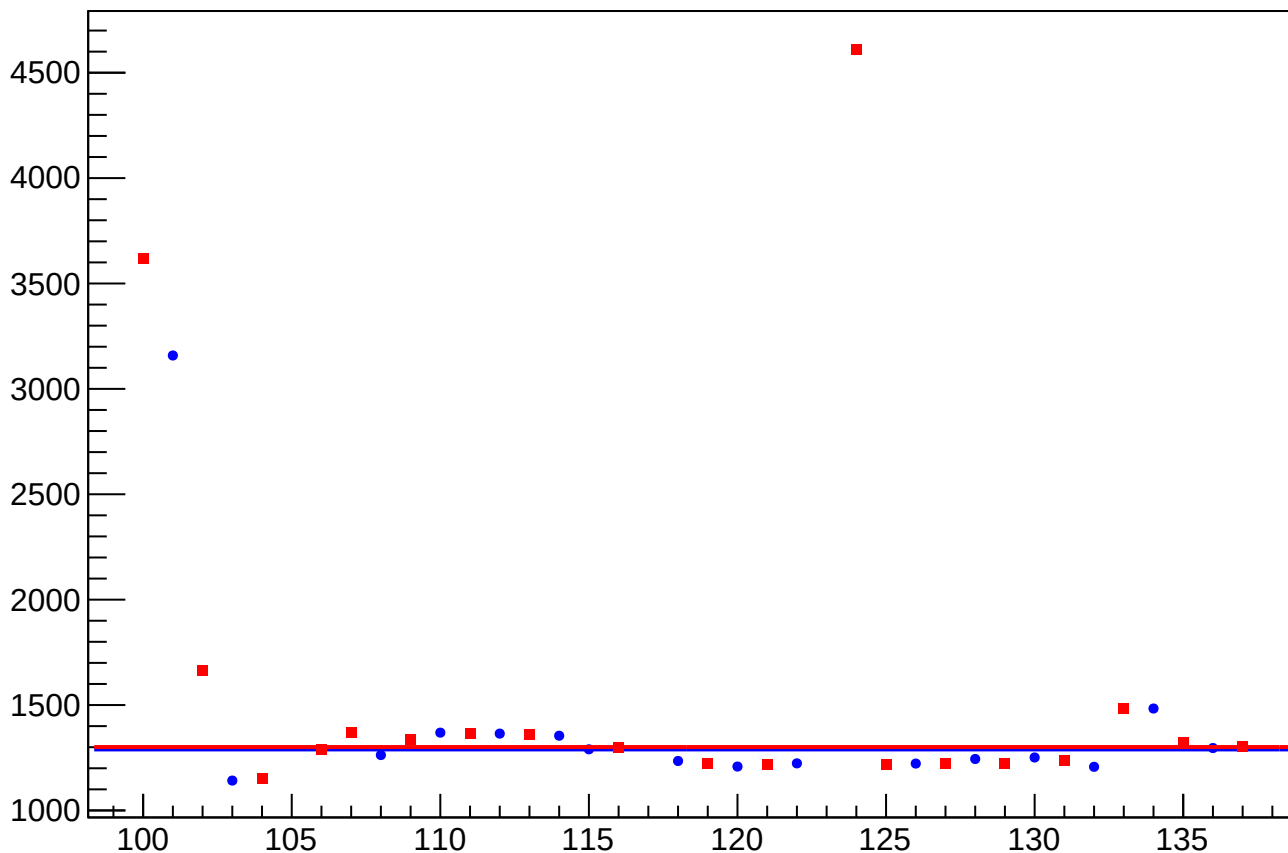
Right: -334.674+/-345.332 χ^2/NDF : 30.9/34

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.674+/-345.332 χ^2/NDF : 30.9/34

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.684+/-0.344 χ^2/NDF : 325907.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

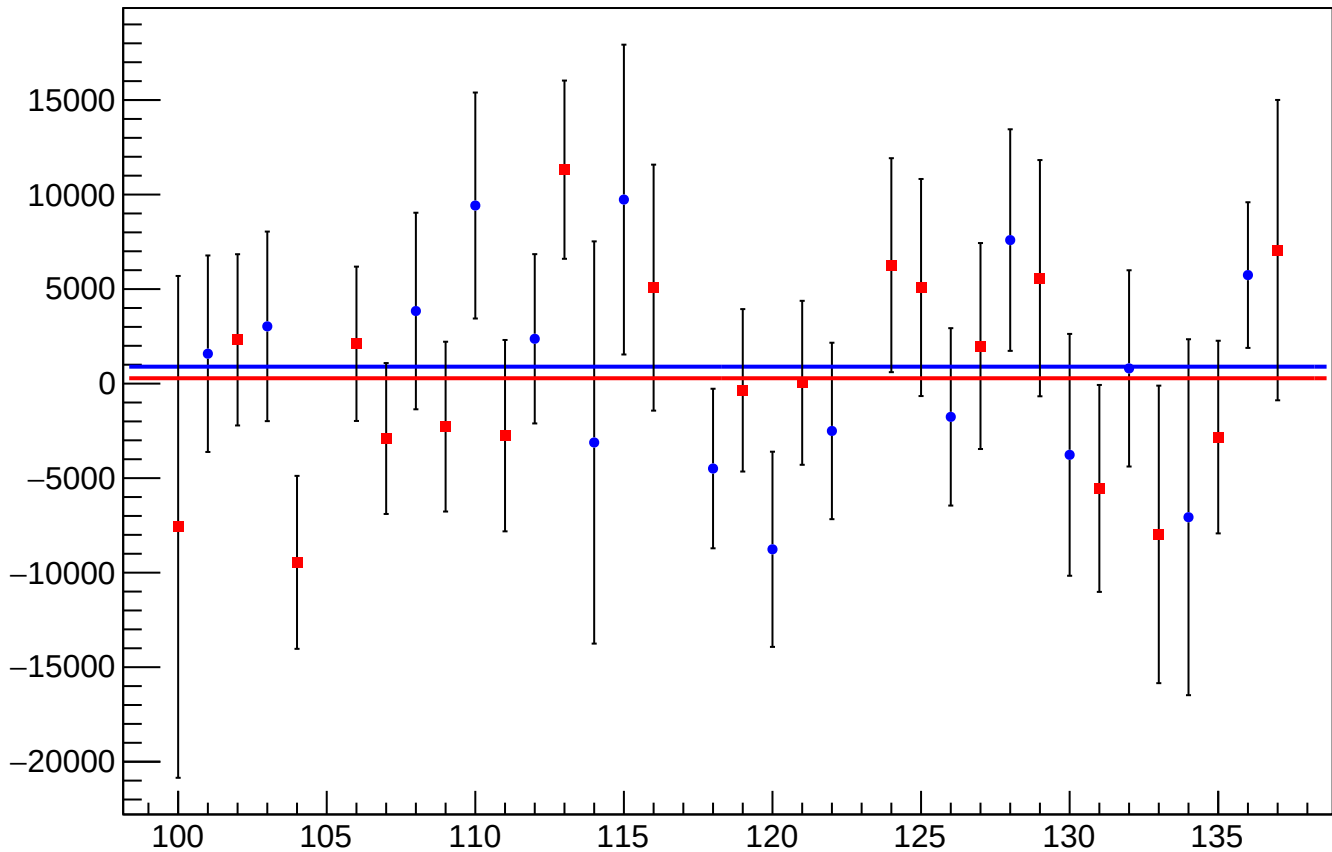
Right: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1295.092+/-0.244 χ^2/NDF : 841112.8/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 896.017 $\pm$ 1324.823 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 283.963 $\pm$ 1183.171 χ^2 /NDF: 18.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

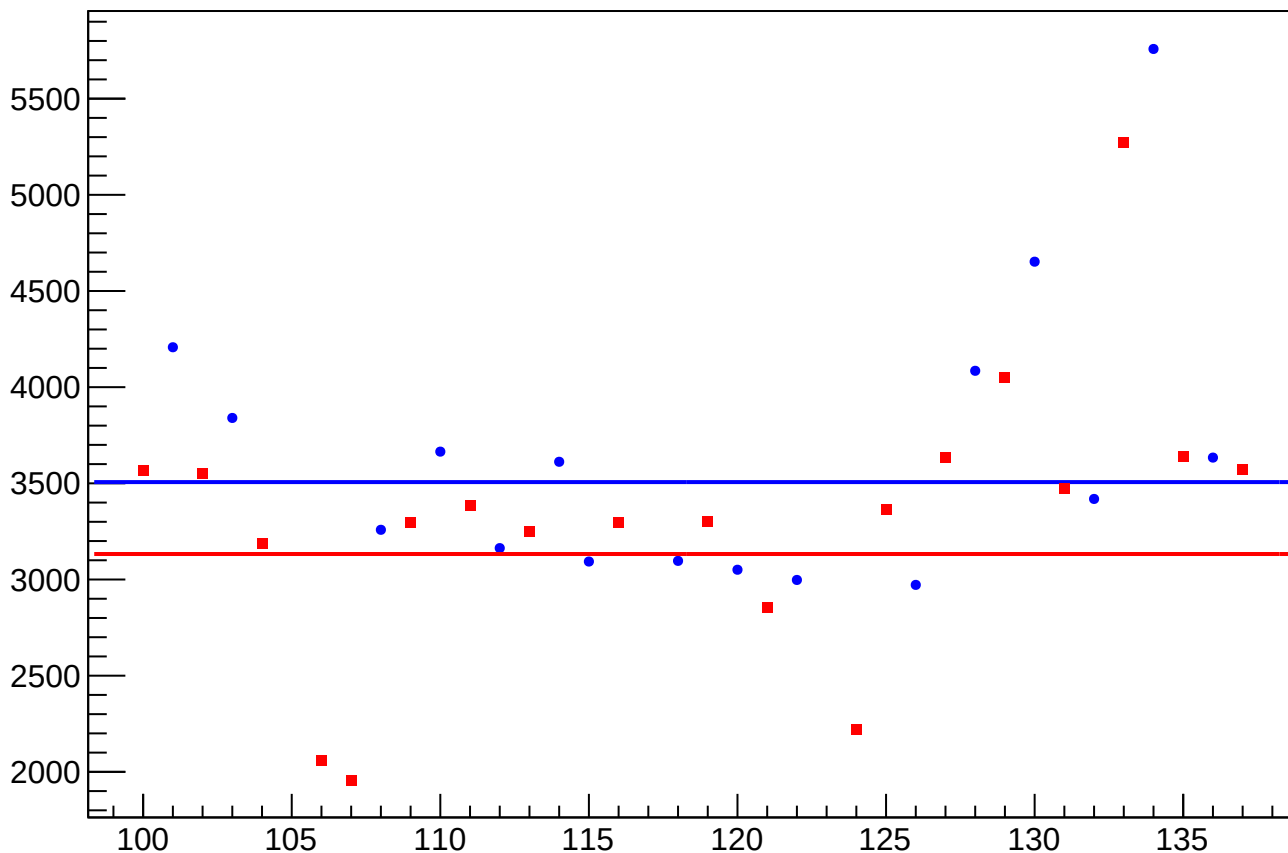
Right: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

In: 896.017 $\pm$ 1324.823 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 555.531 $\pm$ 882.475 χ^2 /NDF: 32.8/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3132.586+/-0.837 χ^2/NDF : 649611.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

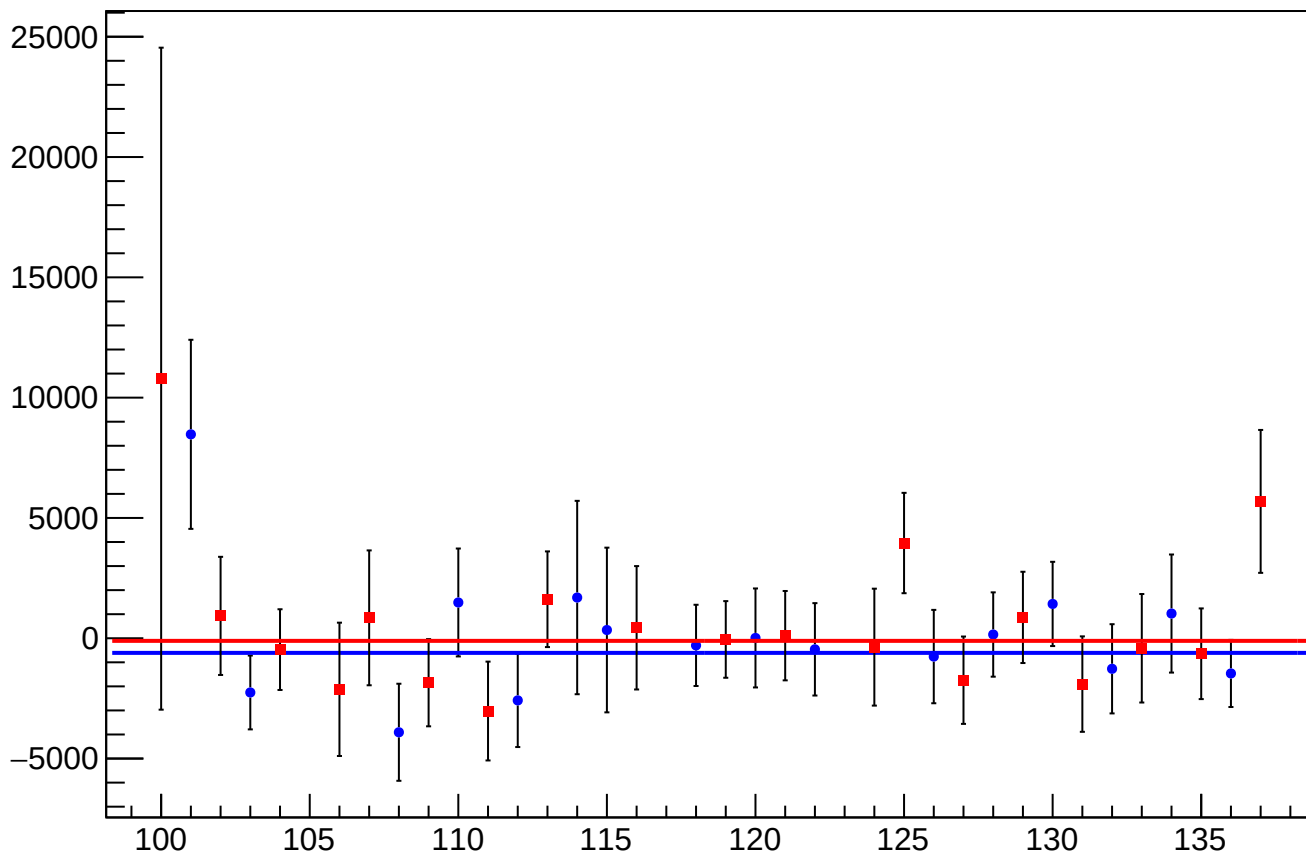
Right: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3298.485+/-0.624 χ^2/NDF : 1091468.2/34

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.614+/-485.552 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

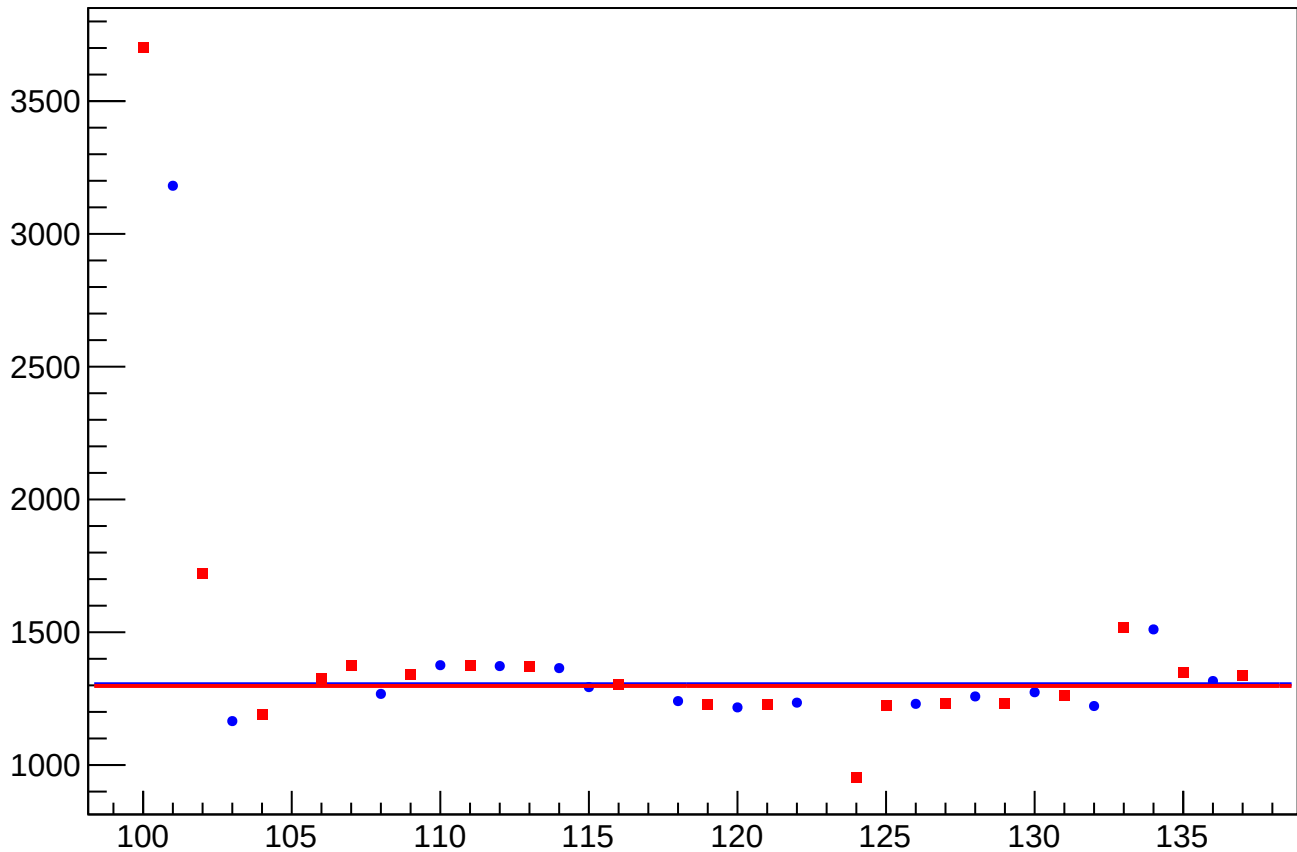
Right: -353.826+/-346.348 χ^2/NDF : 29.5/34

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.826+/-346.348 χ^2/NDF : 29.5/34

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213096.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

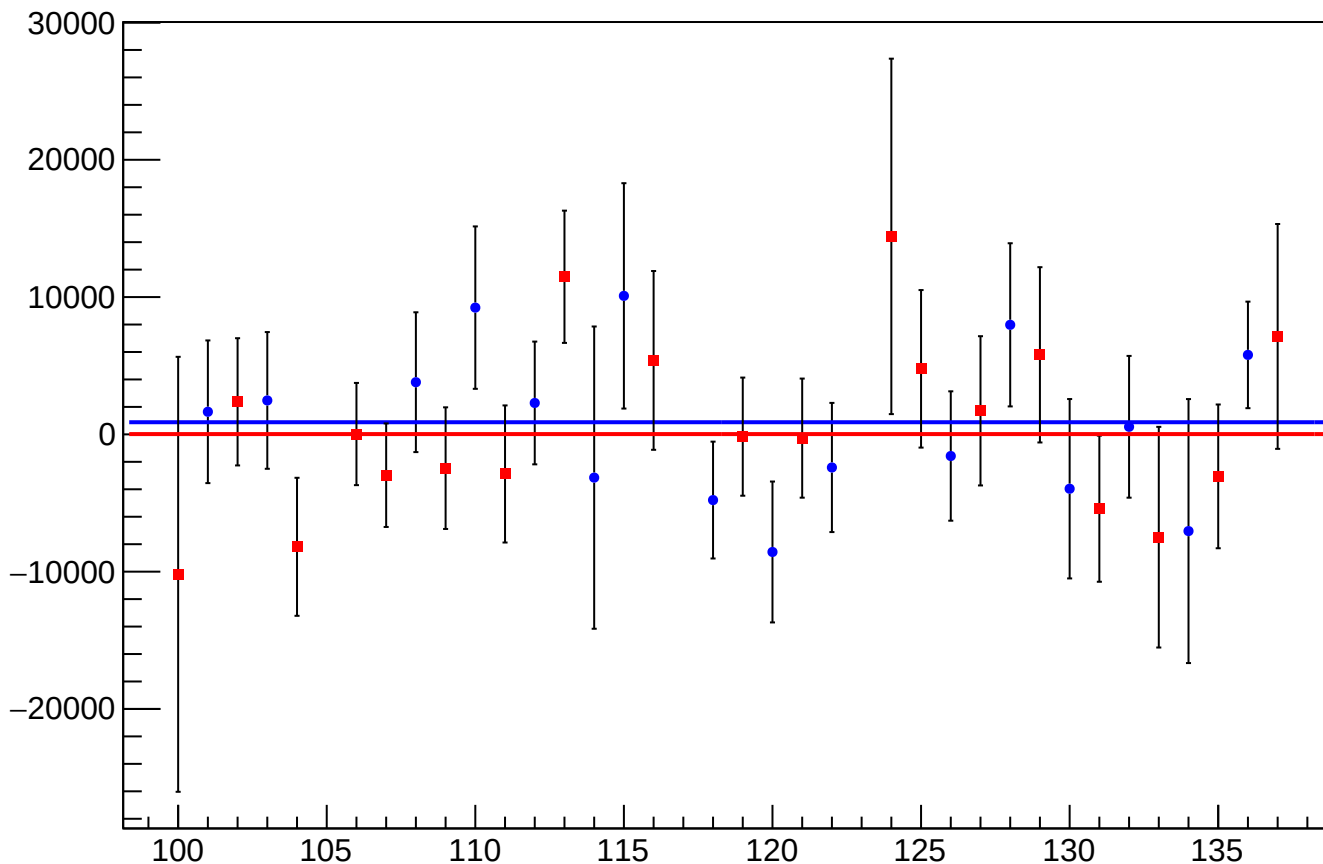
Right: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.1/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.681+/-1200.015 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

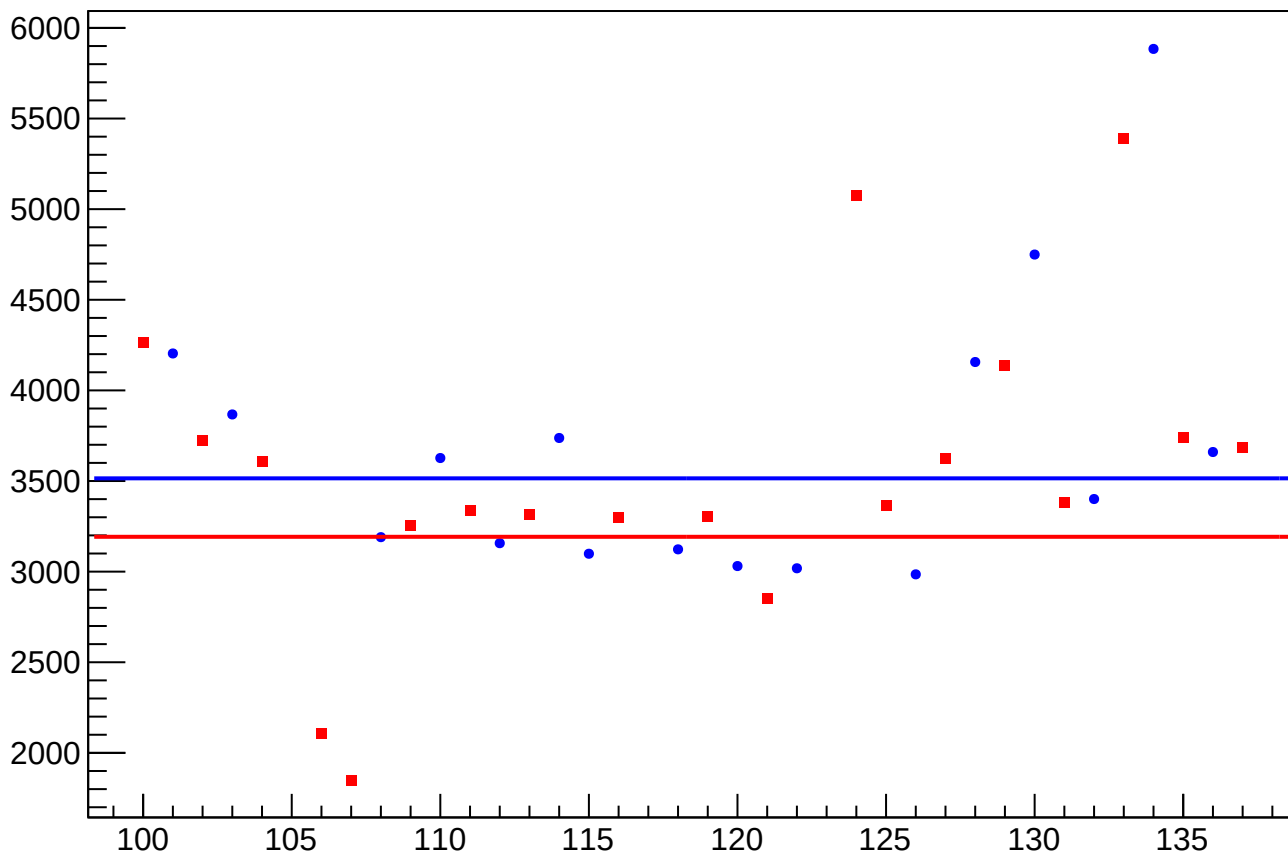
Right: 408.965+/-890.176 χ^2/NDF : 31.2/34

In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.965+/-890.176 χ^2/NDF : 31.2/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.203+/-0.849 χ^2/NDF : 772495.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

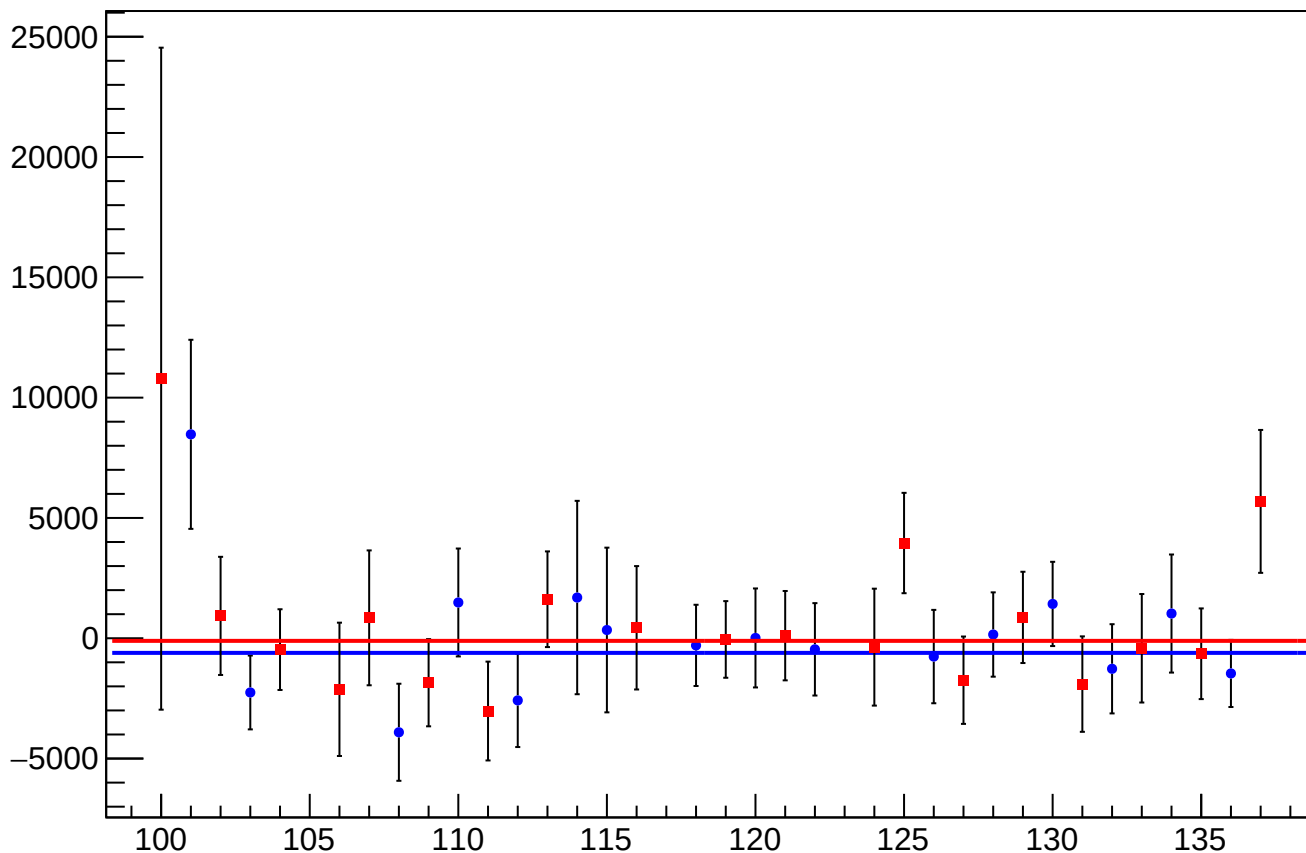
Right: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.259+/-0.629 χ^2/NDF : 1212554.2/34

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.619+/-485.553 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

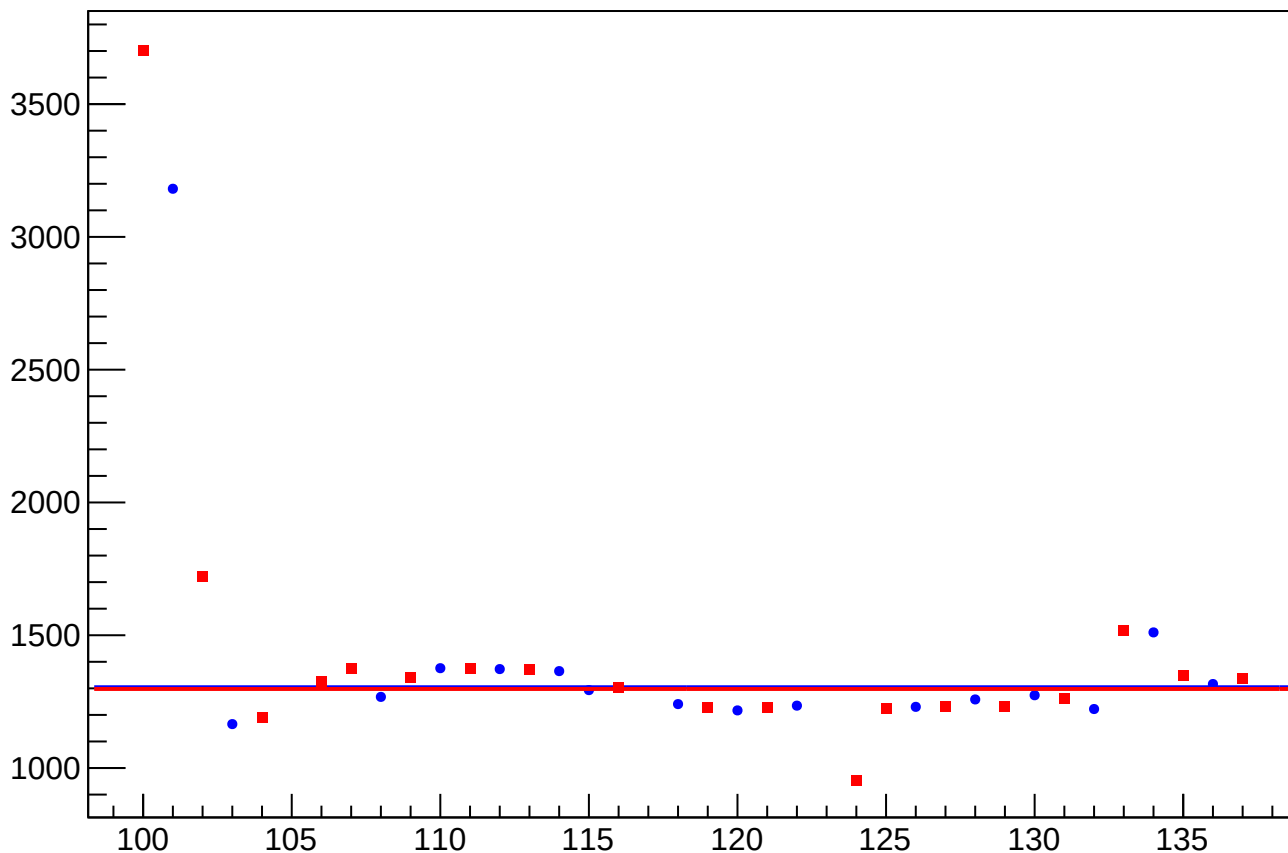
Right: -353.830+/-346.348 χ^2/NDF : 29.5/34

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -353.830+/-346.348 χ^2/NDF : 29.5/34

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.796+/-0.343 χ^2/NDF : 213097.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

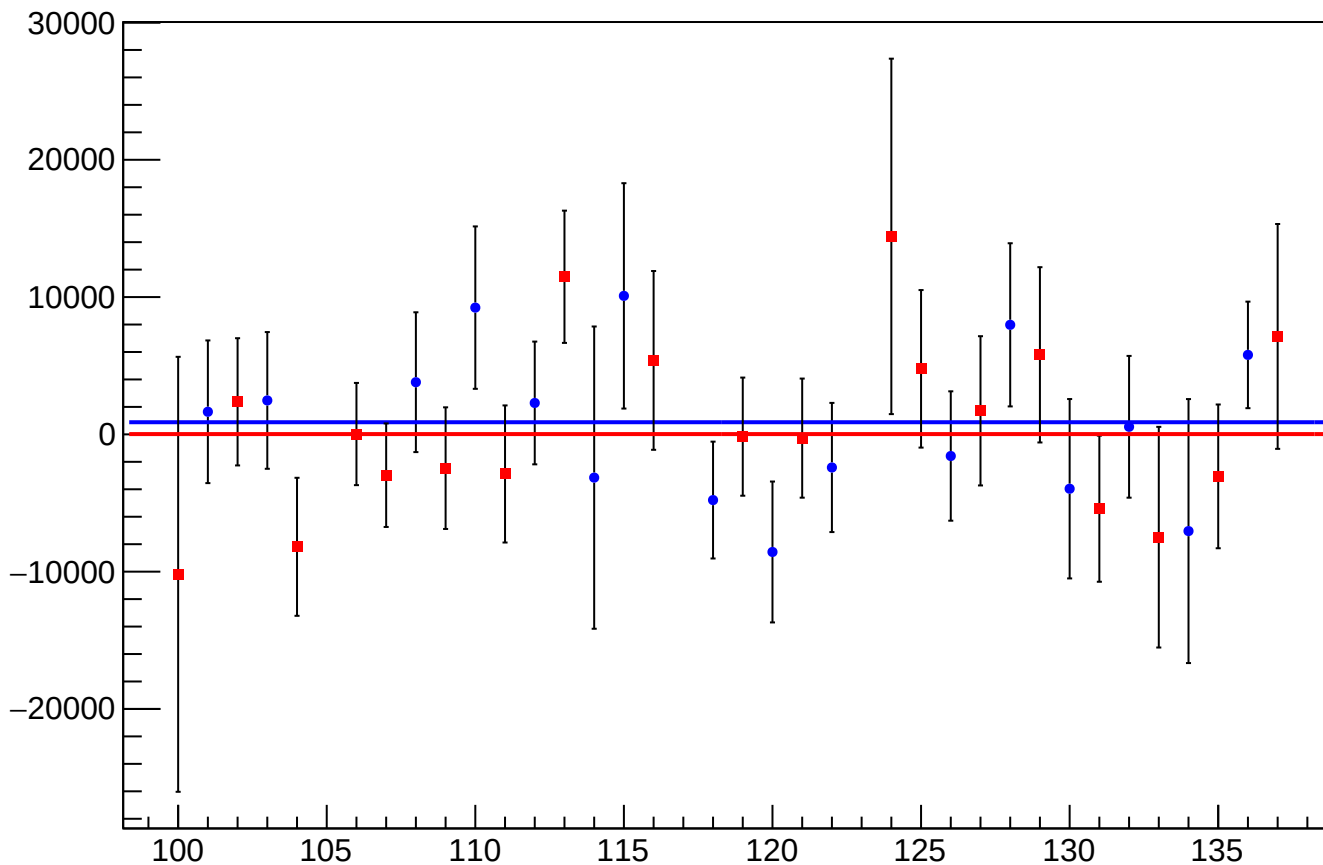
Right: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.891+/-0.245 χ^2/NDF : 723852.4/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.677+/-1200.012 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

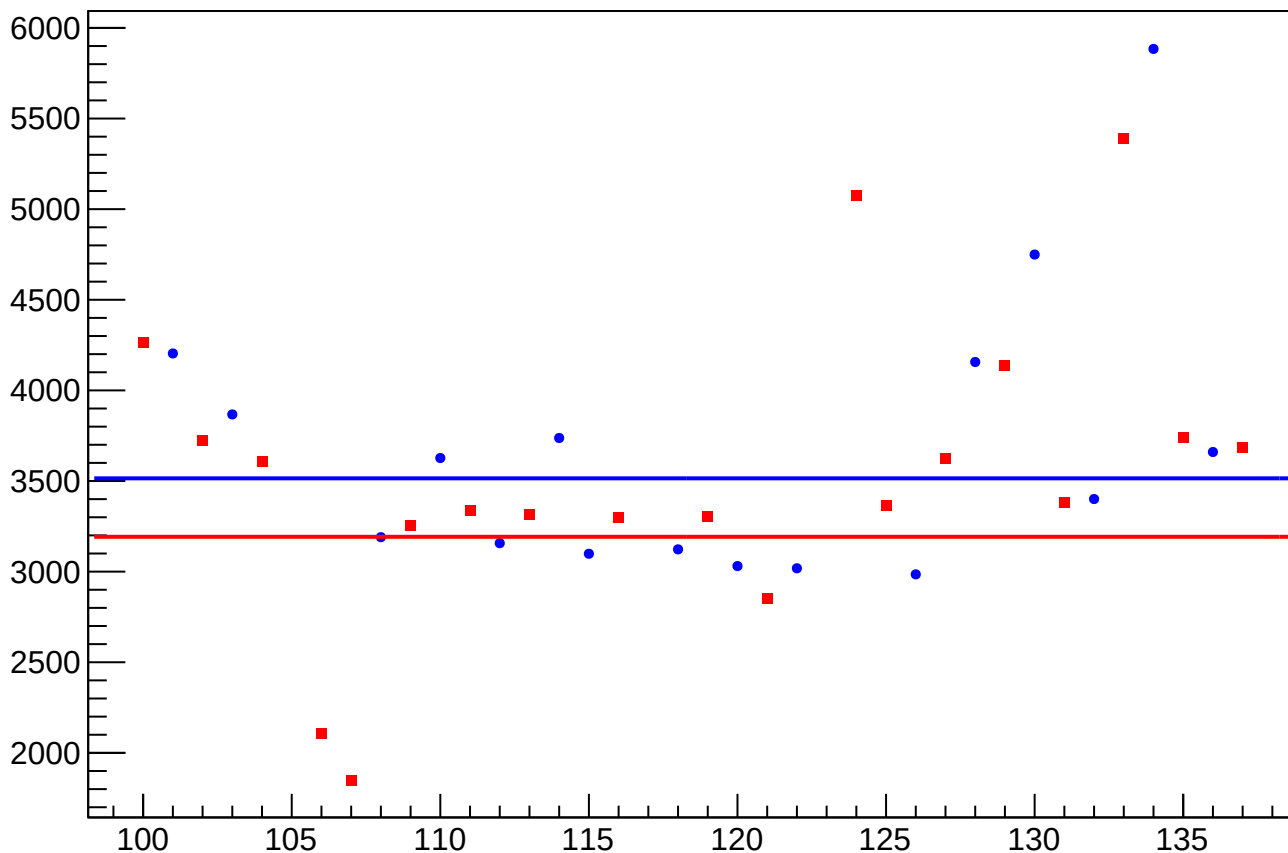
Right: 408.958+/-890.174 χ^2/NDF : 31.2/34

In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 408.958+/-890.174 χ^2/NDF : 31.2/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3192.196+/-0.849 χ^2/NDF : 772497.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

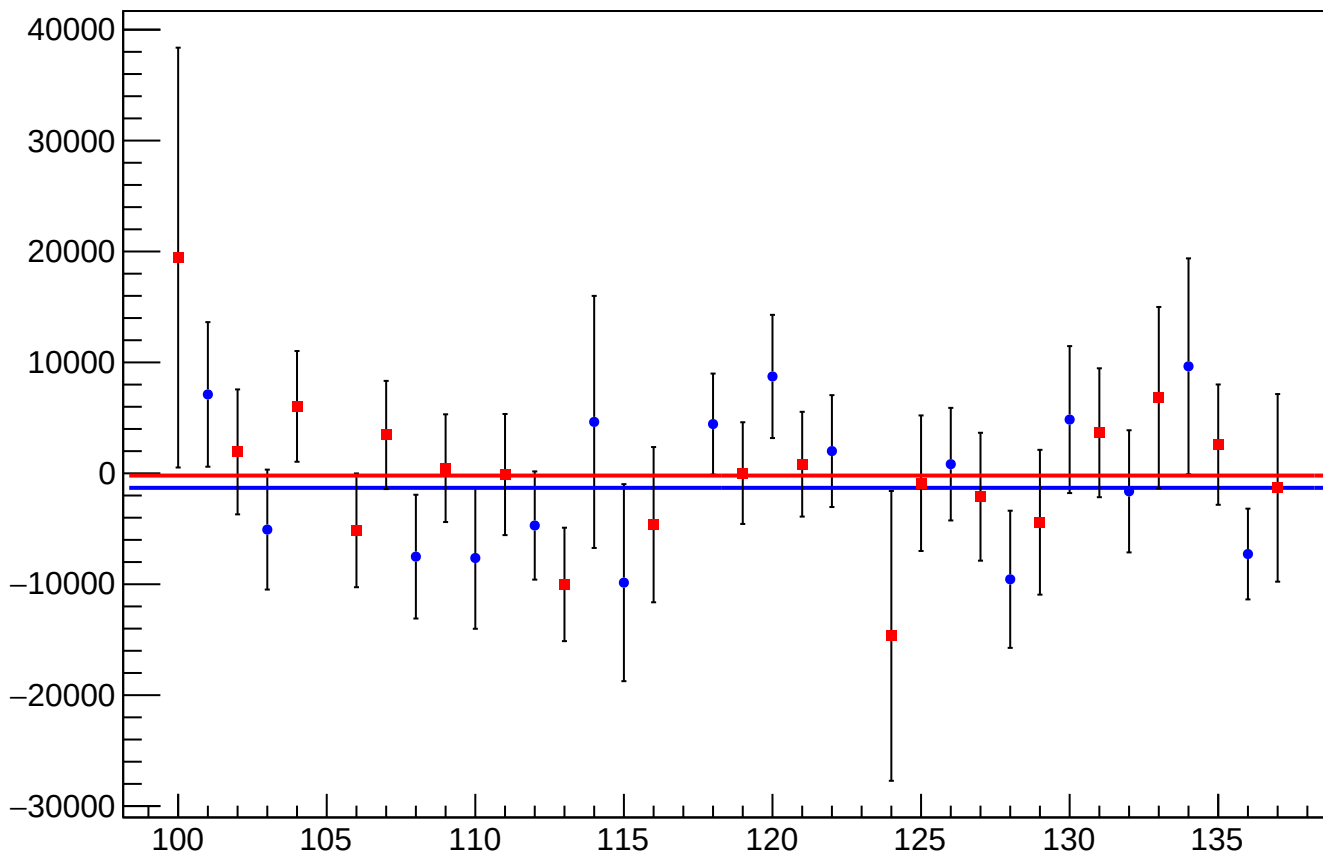
Right: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3337.251+/-0.629 χ^2/NDF : 1212560.4/34

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.593+/-1336.062 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

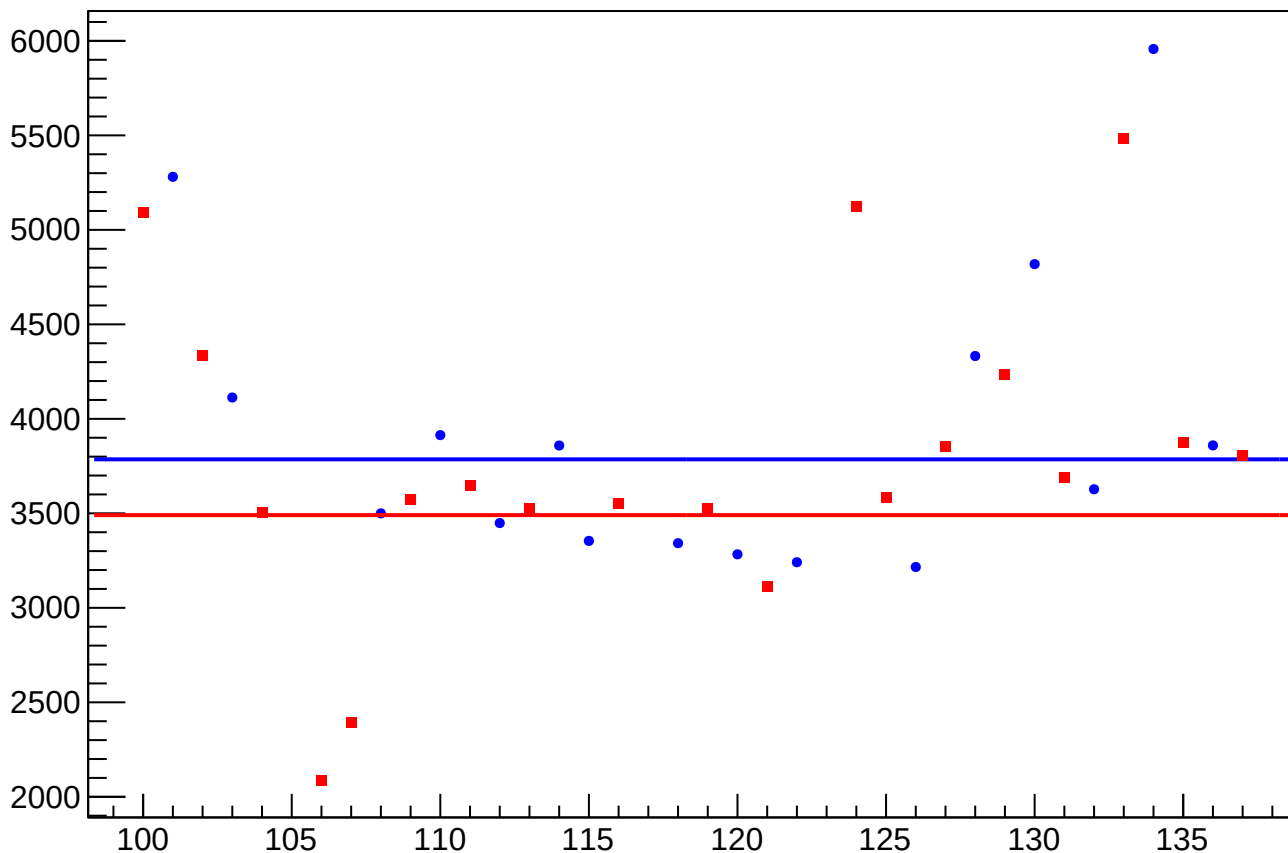
Right: -717.269+/-976.776 χ^2/NDF : 29.5/34

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -717.269+/-976.776 χ^2/NDF : 29.5/34

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug, Sign Corrected



Right In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3490.614+/-0.932 χ^2/NDF : 586715.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

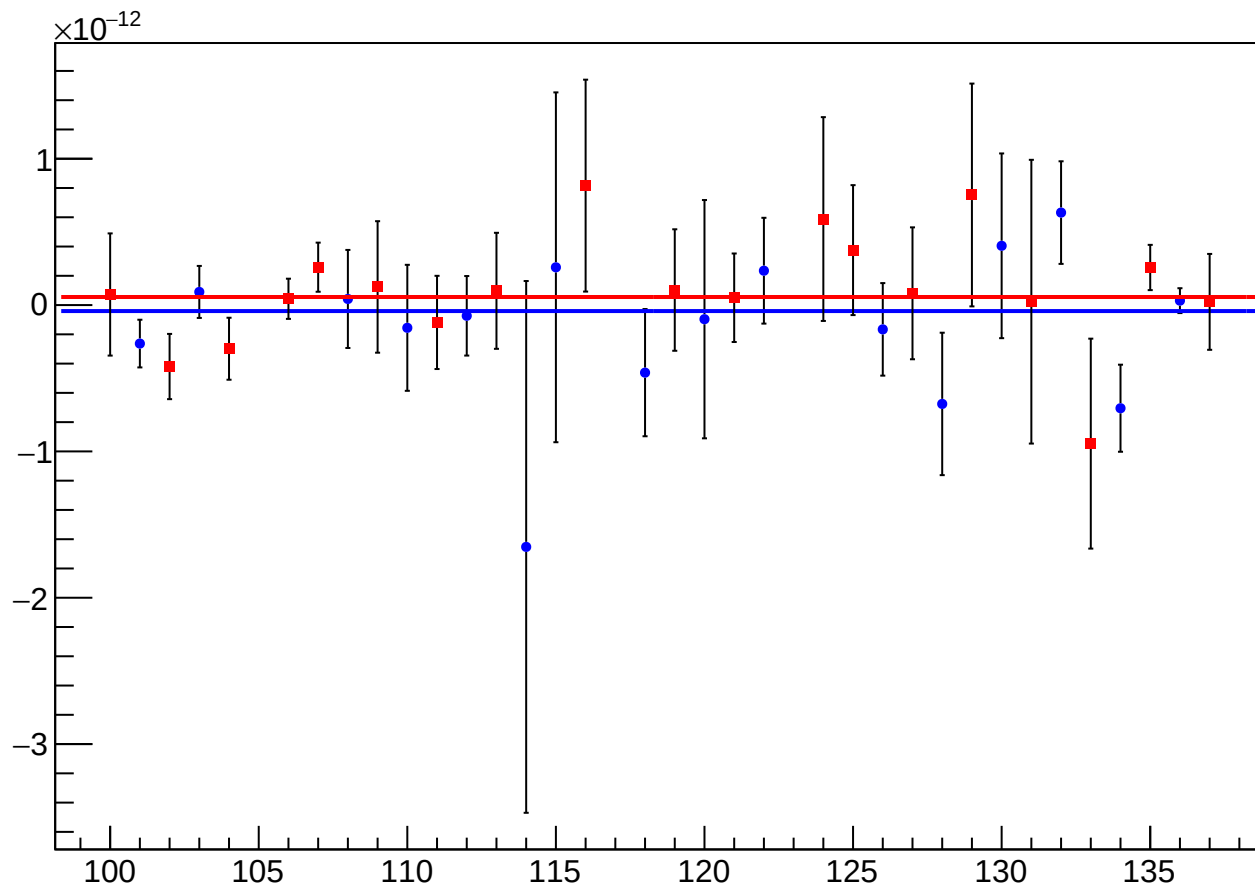
Right: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3626.002+/-0.686 χ^2/NDF : 1015727.1/34

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 15.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

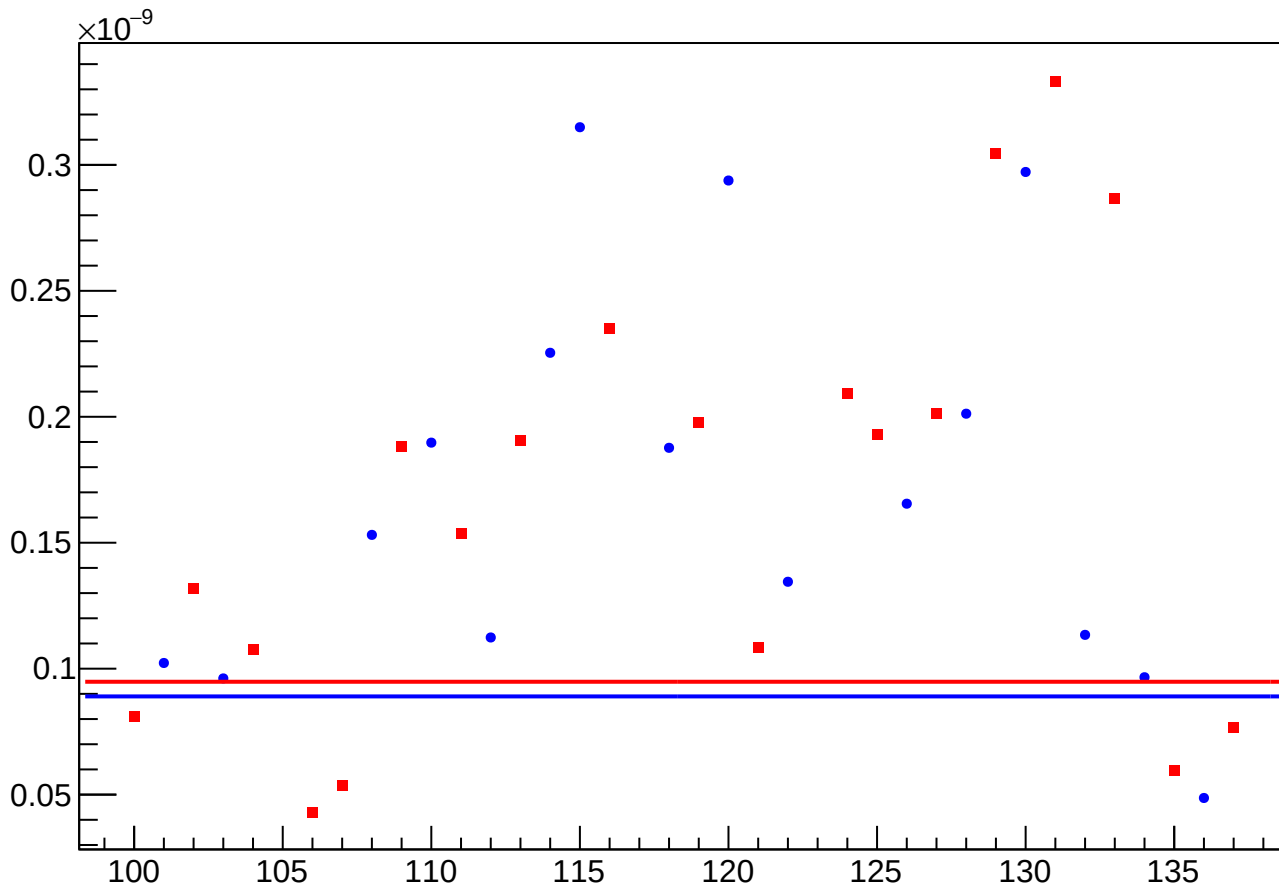
Right: 0.000 ± 0.000 χ^2/NDF : 33.7/34

In: -0.000 ± 0.000 χ^2/NDF : 16.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 33.7/34

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1460718.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1734601.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

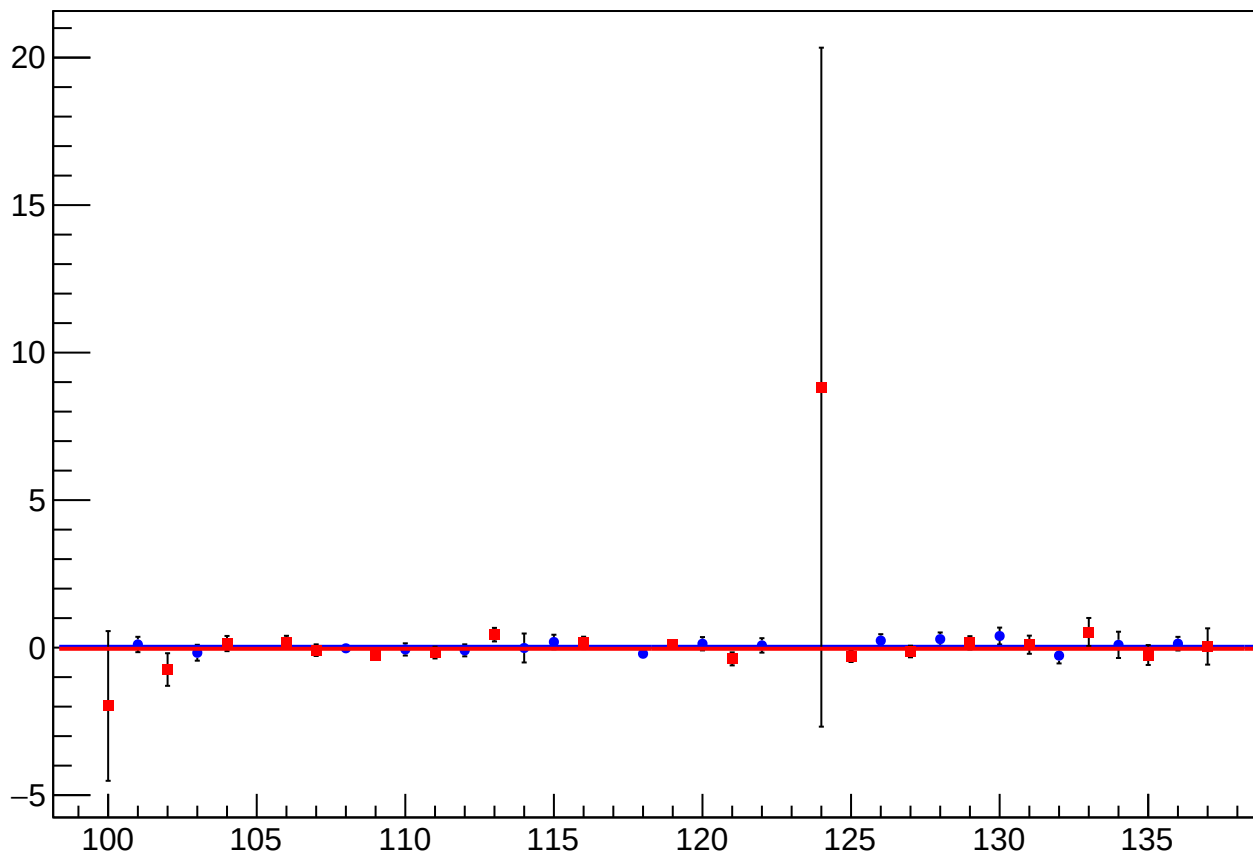
Right: 0.000+/-0.000 χ^2/NDF : 3204262.4/34

In: 0.000+/-0.000 χ^2/NDF : 1460718.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3204262.4/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.055 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

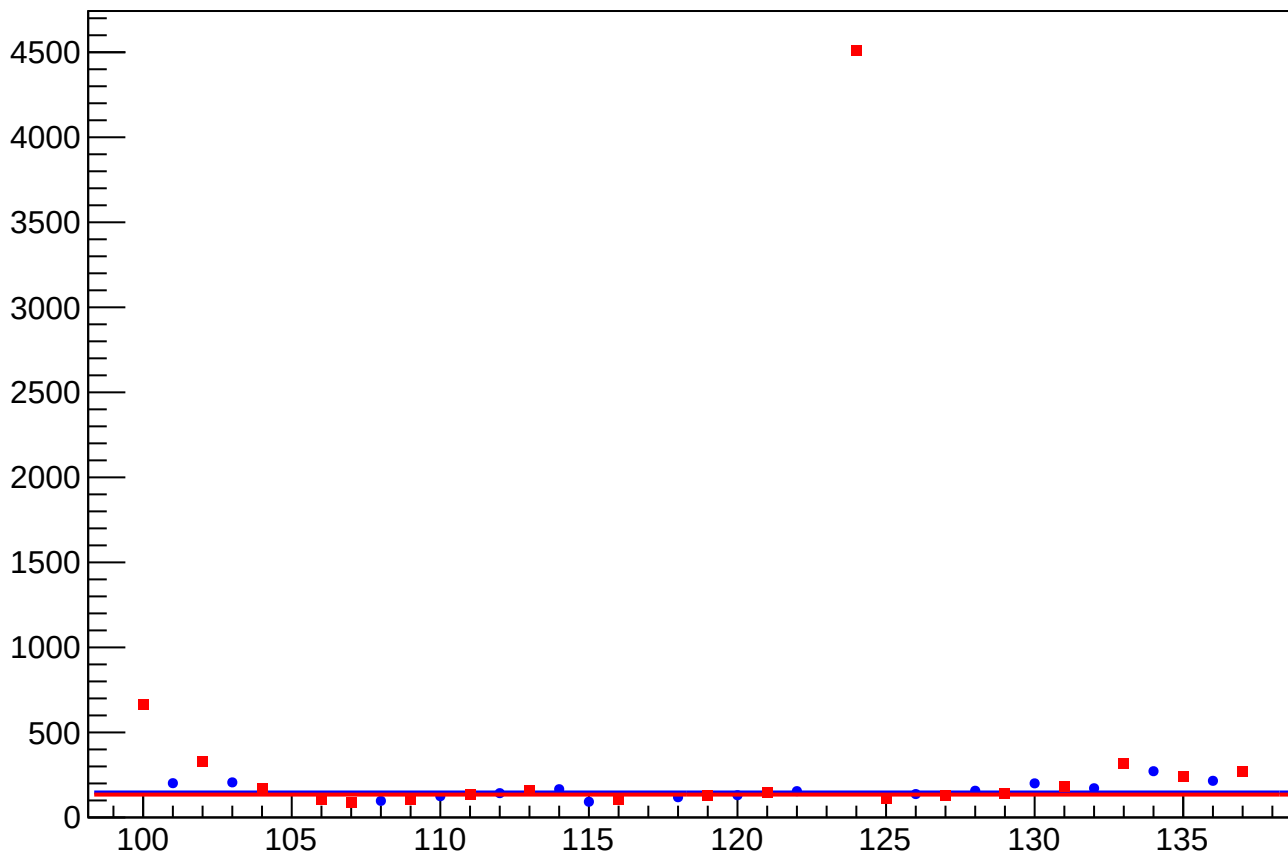
Right: -0.007+/-0.040 χ^2/NDF : 30.2/34

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.040 χ^2/NDF : 30.2/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

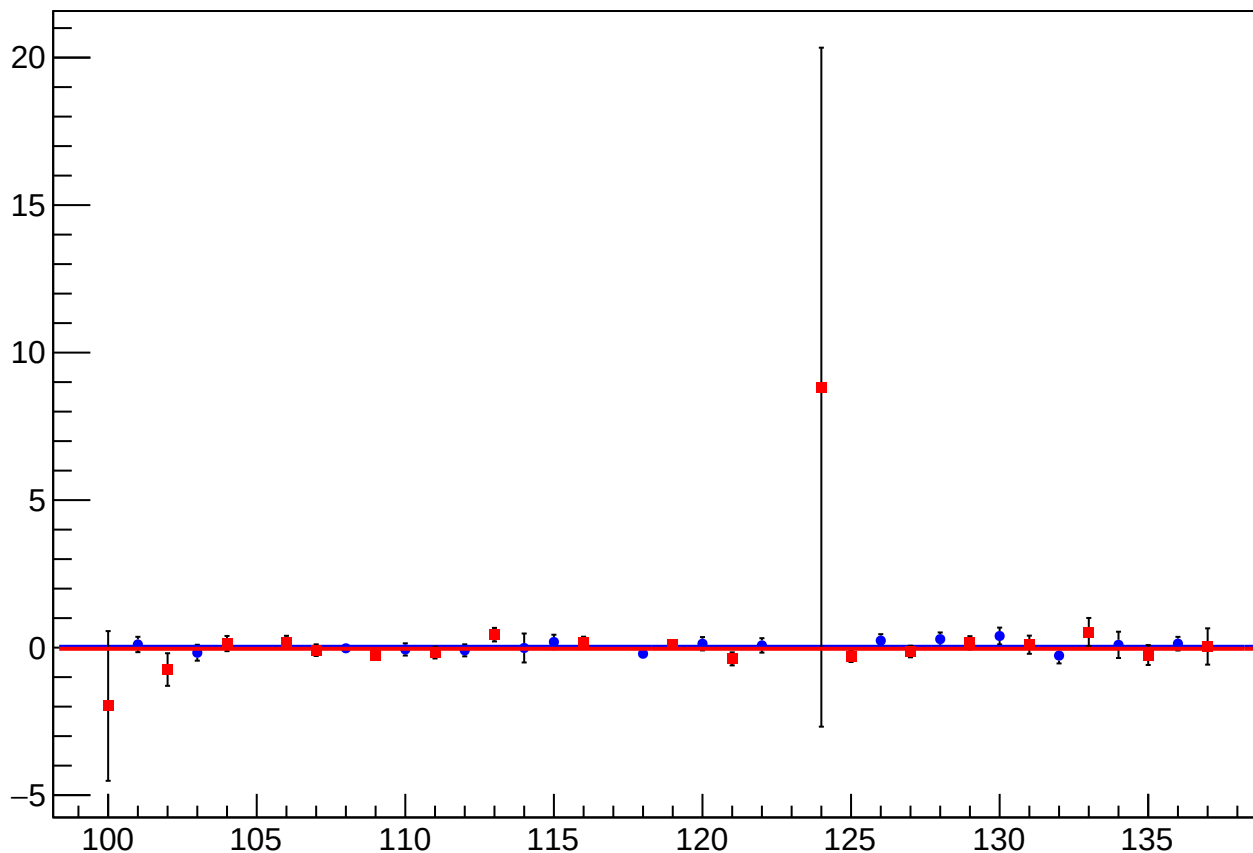
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

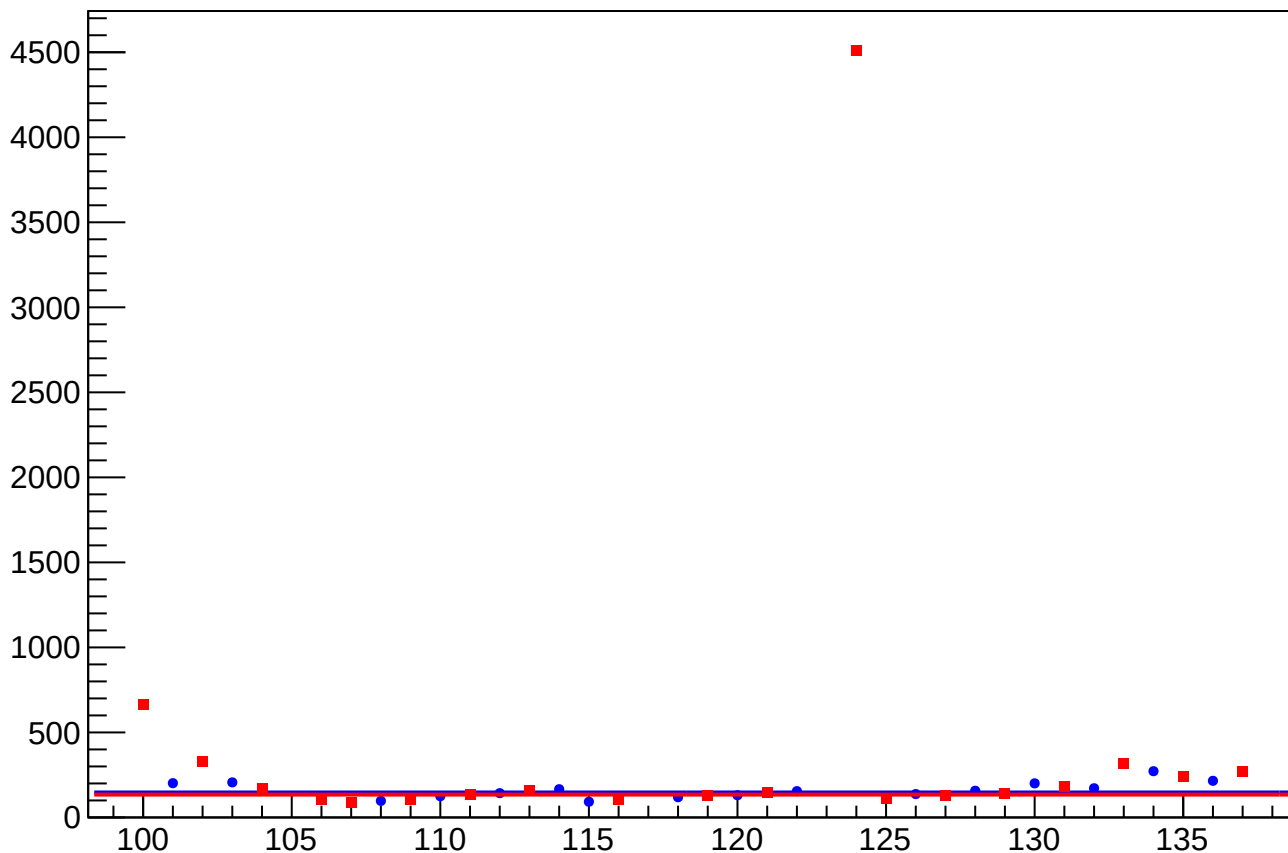
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.505+/-0.039 χ^2/NDF : 1606383.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

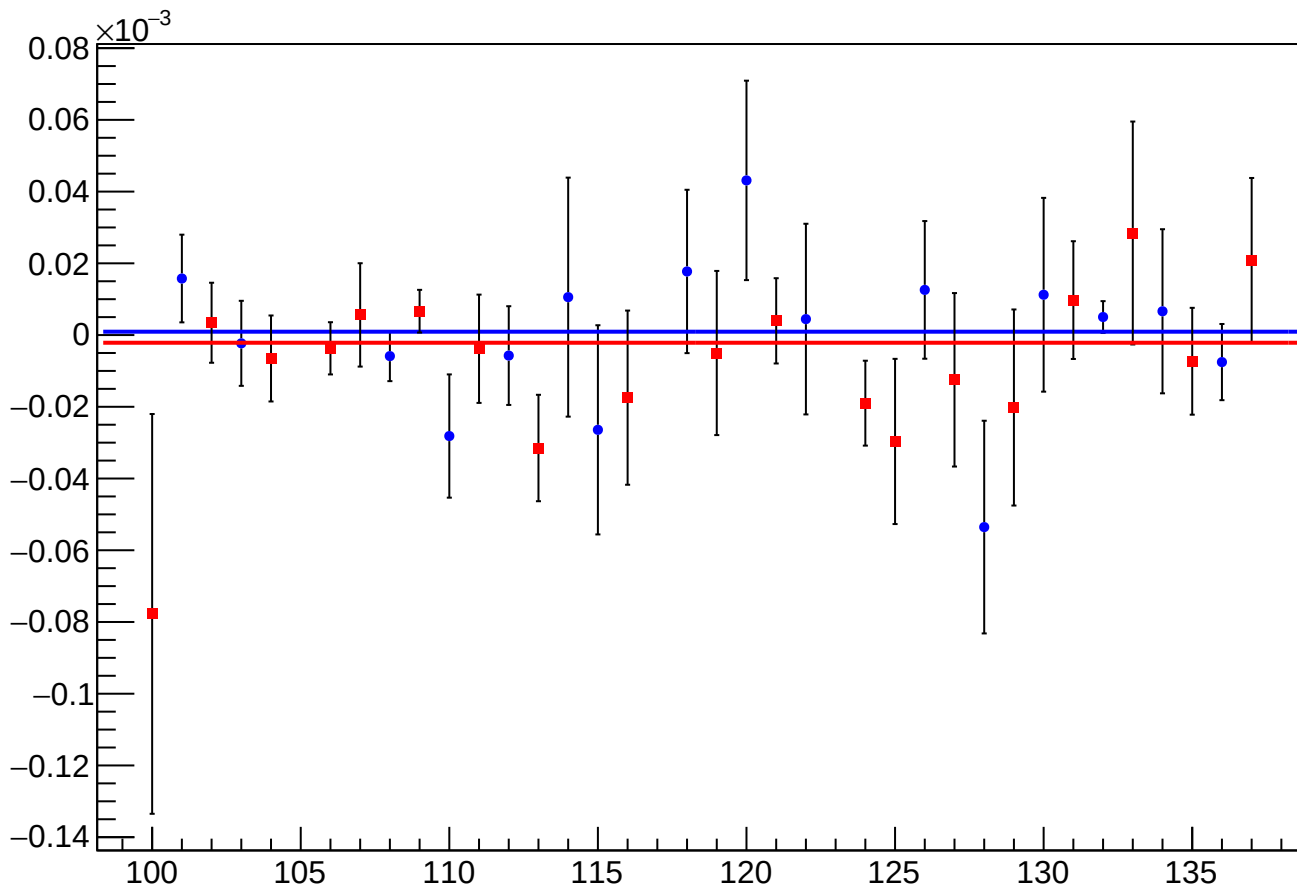
Right: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.347+/-0.028 χ^2/NDF : 2653079.7/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

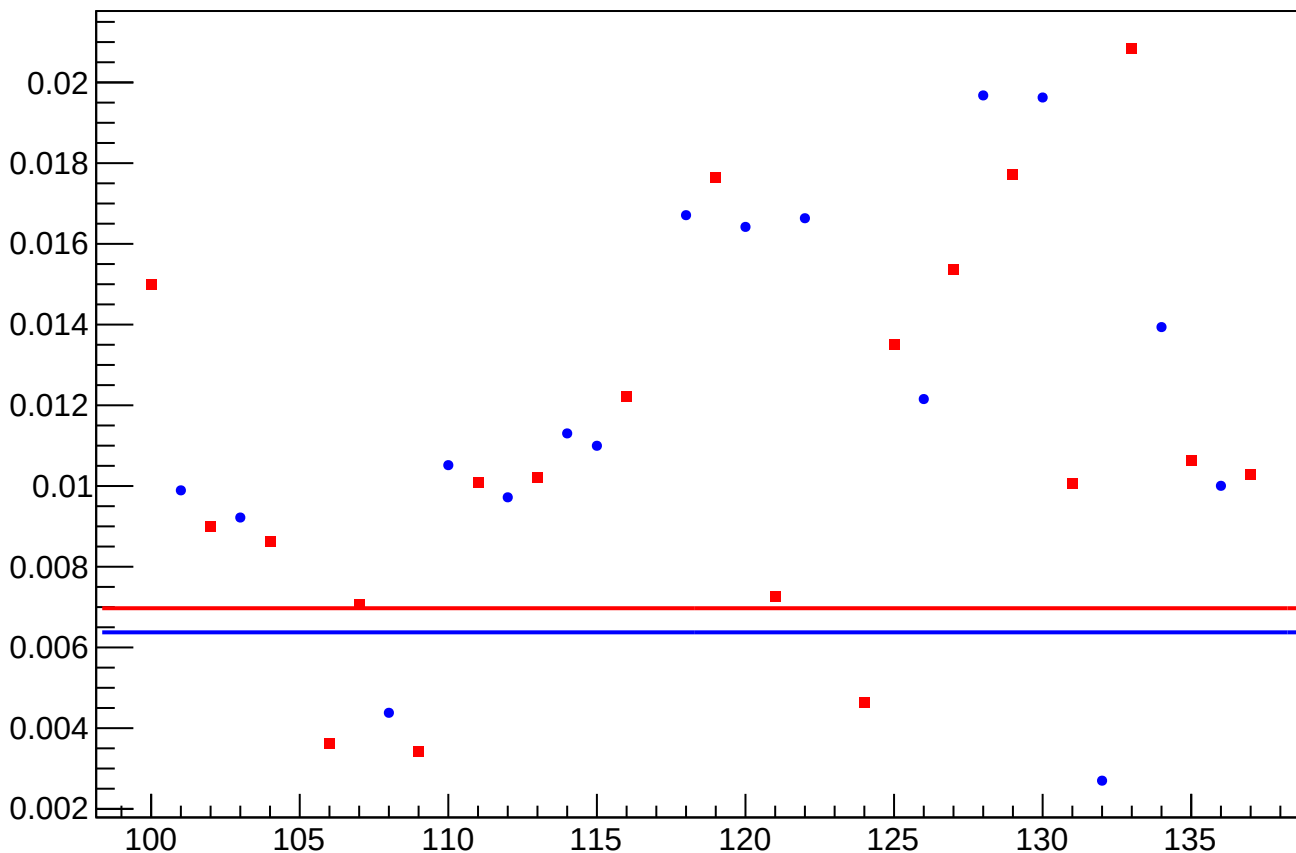
Right: -0.000+/-0.000 χ^2/NDF : 31.5/34

In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.5/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000

χ^2/NDF : 3409939.3/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

In: 0.006+/-0.000

χ^2/NDF :4639775.7/15

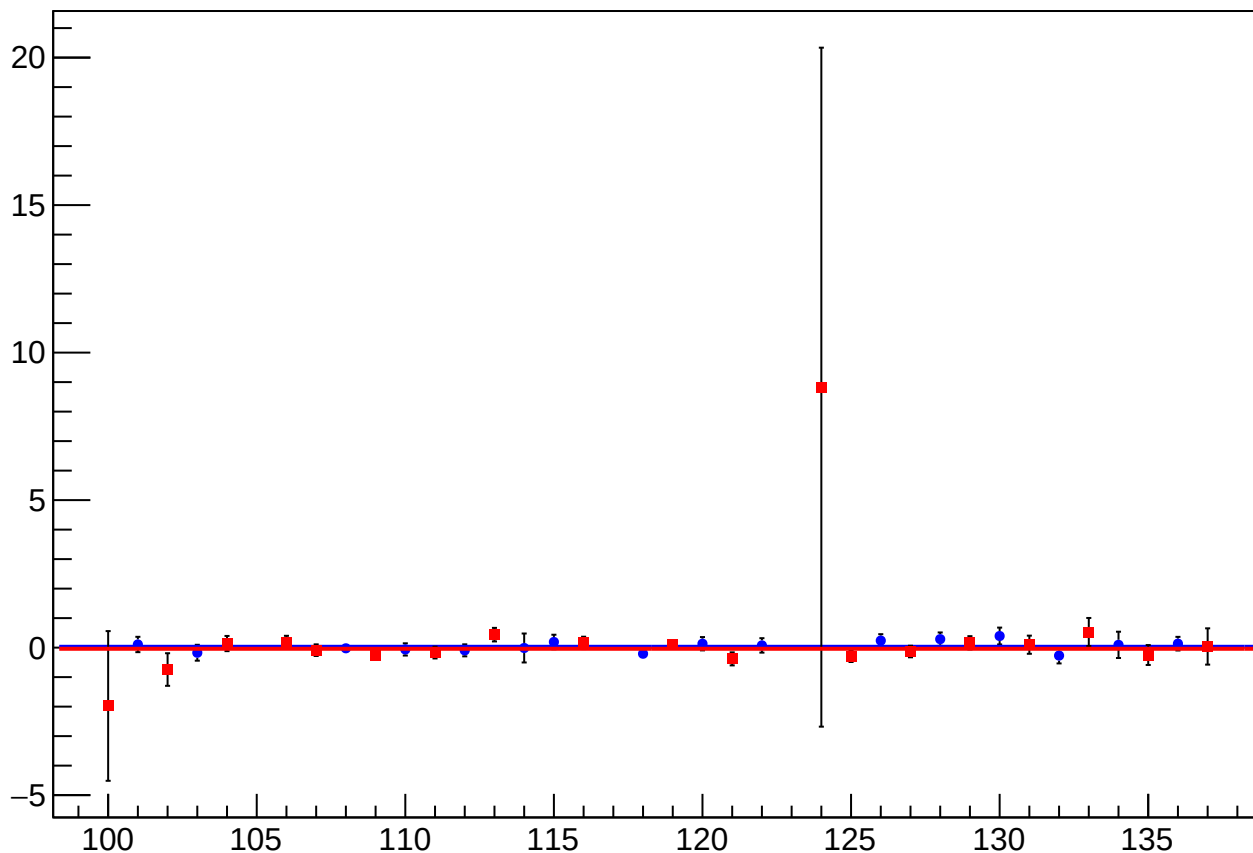
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8090163.7/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

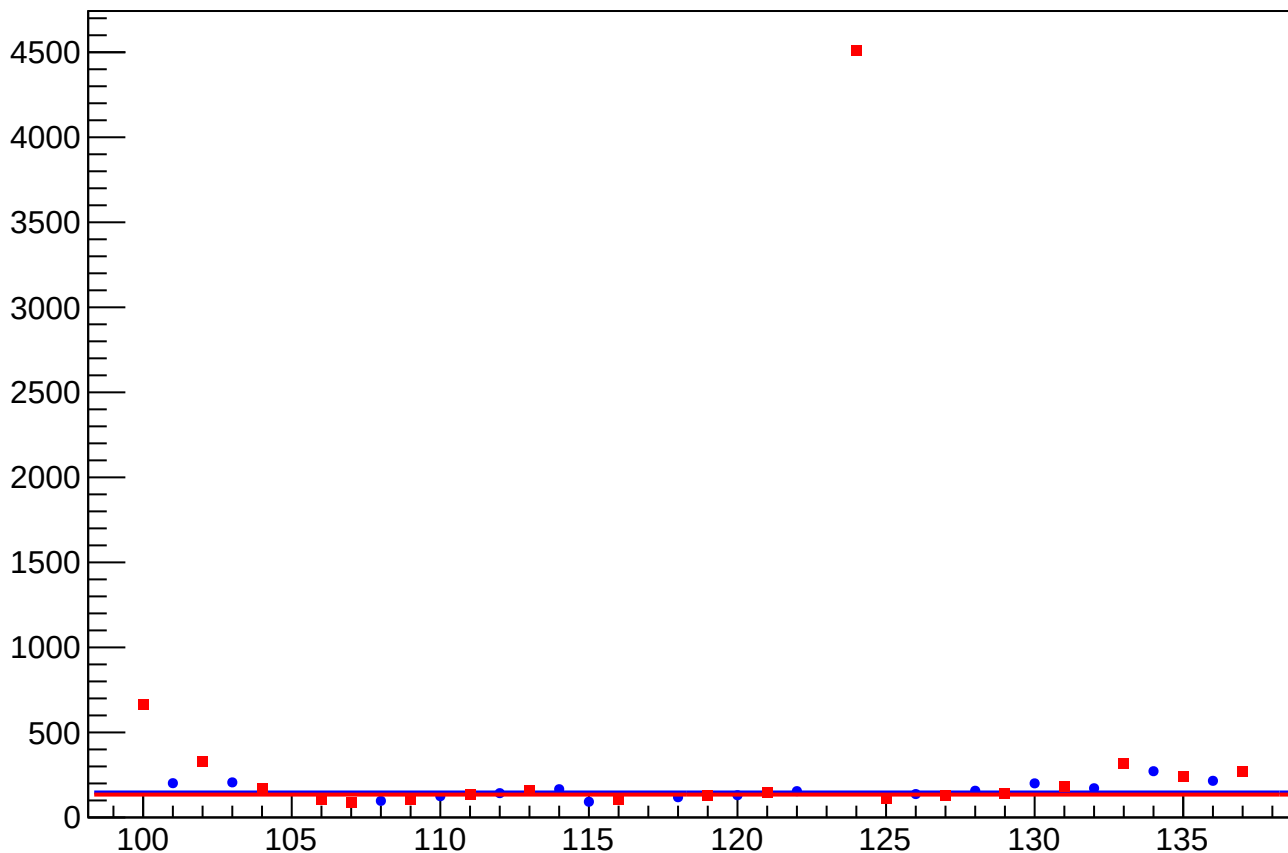
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

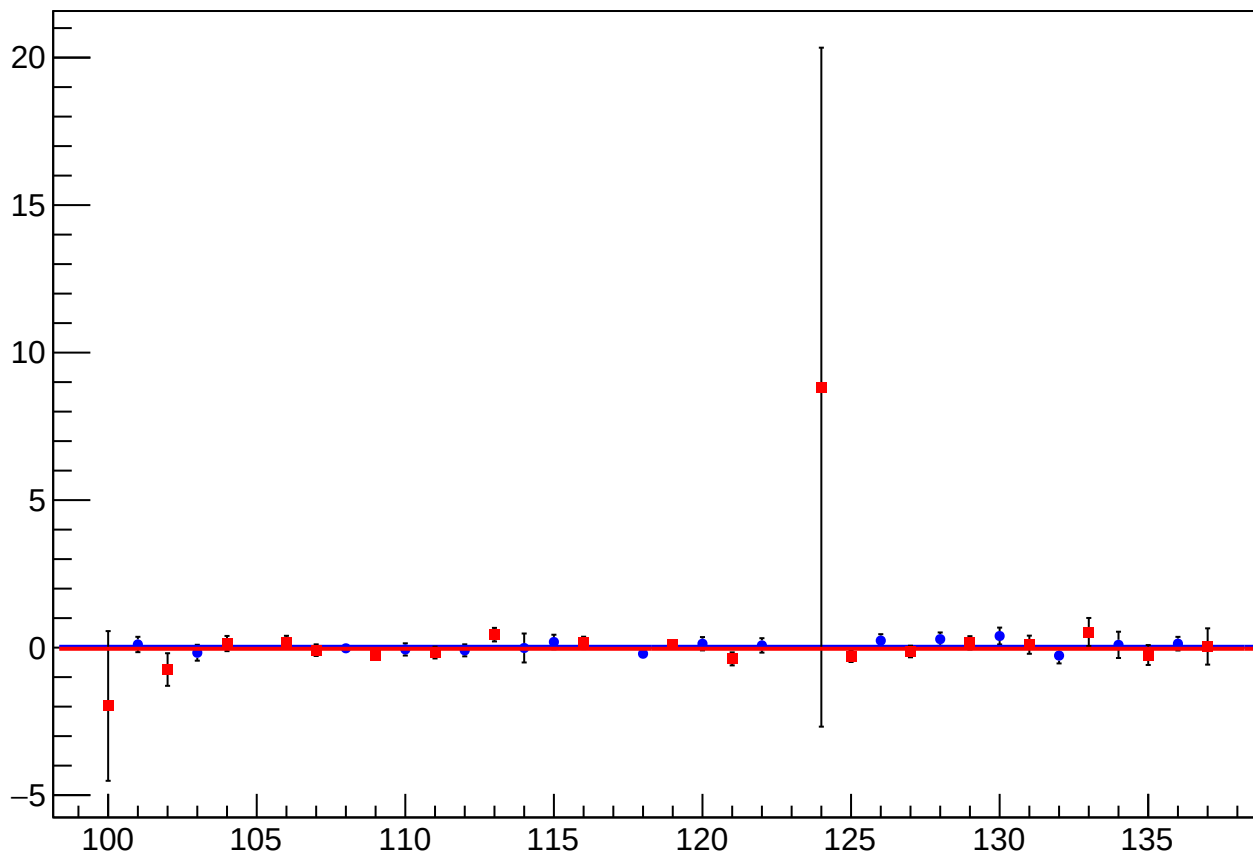
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.028 $\pm$ 0.058 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.055 χ^2 /NDF: 20.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

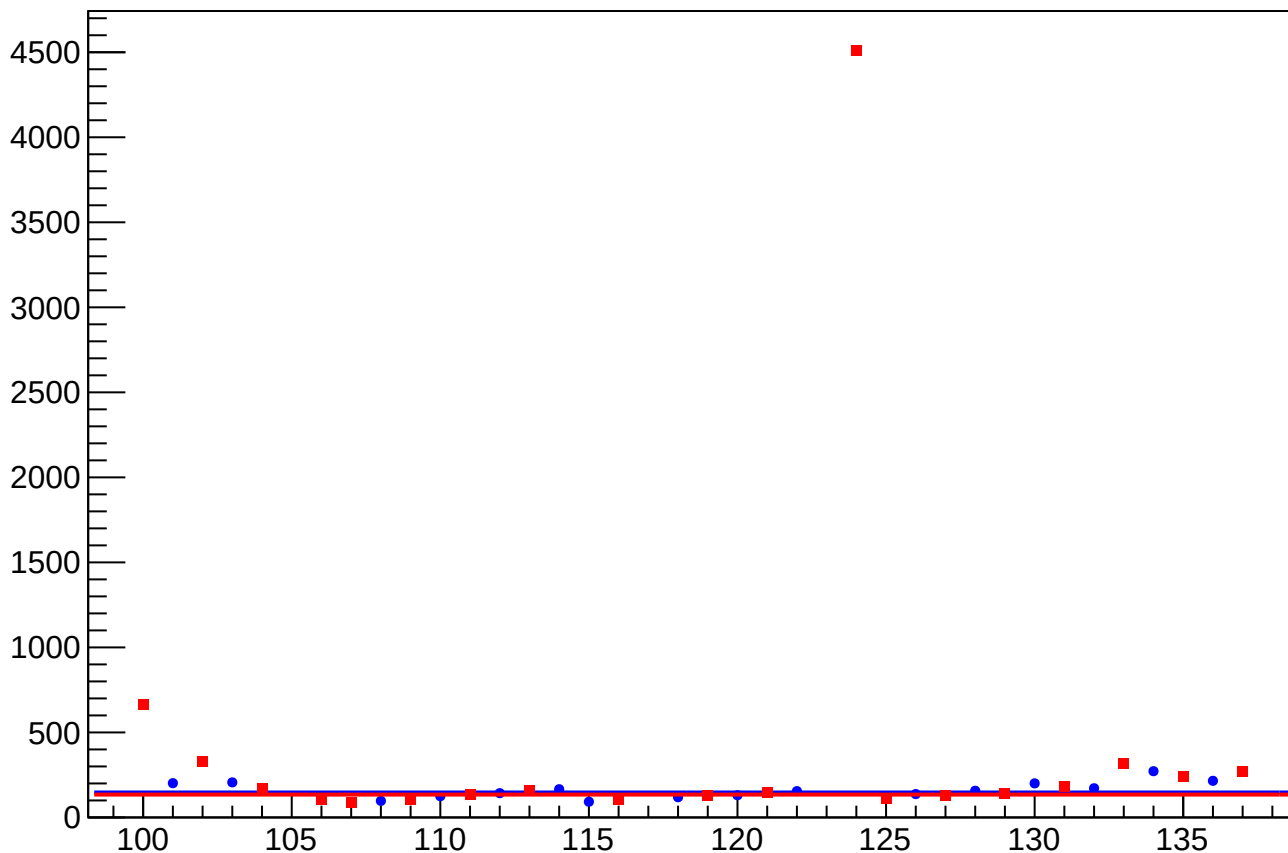
Right: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

In: 0.028 $\pm$ 0.058 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.040 χ^2 /NDF: 30.2/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.506+/-0.039 χ^2/NDF : 1606310.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

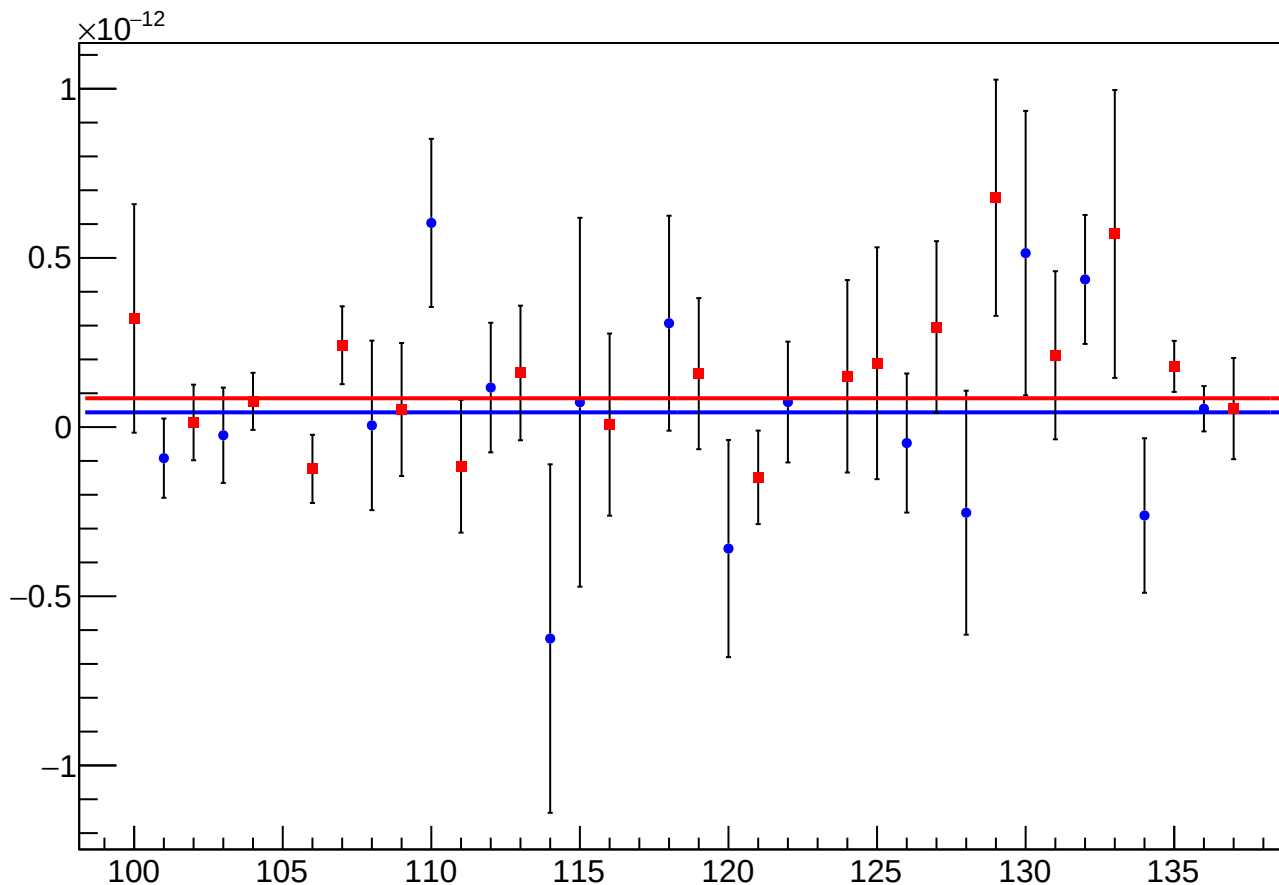
Right: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.348+/-0.028 χ^2/NDF : 2652938.4/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

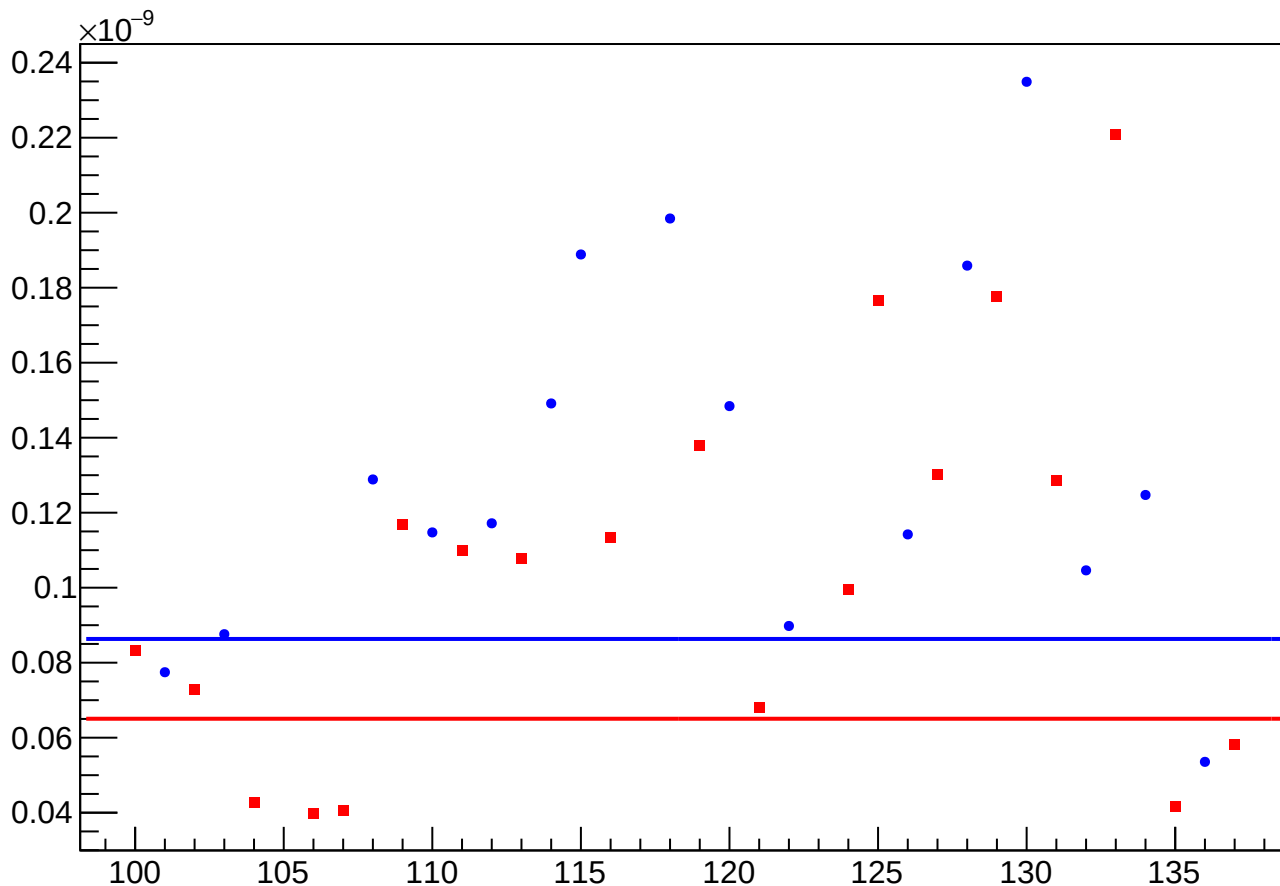
Right: 0.000+/-0.000 χ^2/NDF : 37.8/34

In: 0.000+/-0.000 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.8/34

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2158861.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

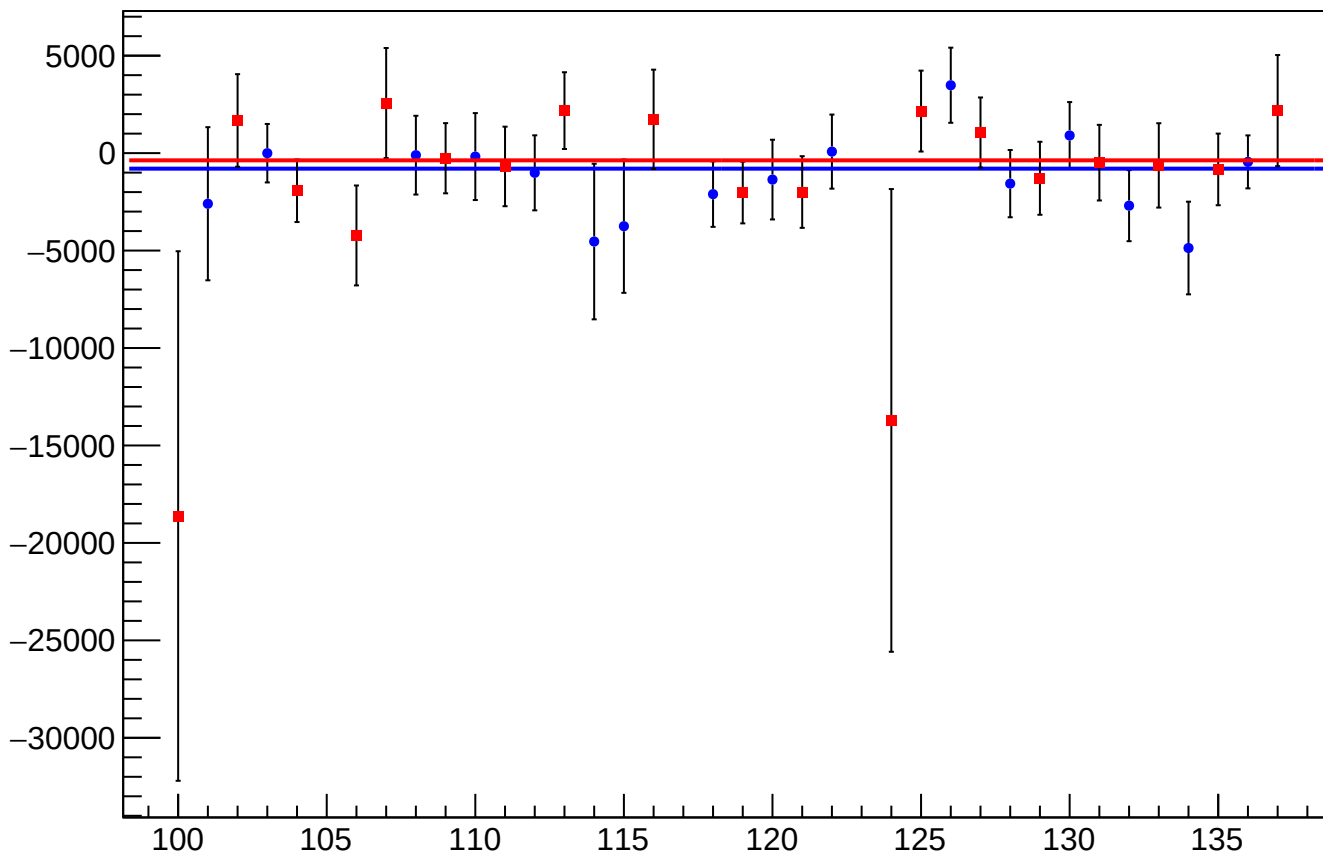
Right: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

In: 0.000+/-0.000 χ^2/NDF : 1565662.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4026528.8/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -797.285 ± 487.453 $\chi^2/\text{NDF}: 13.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -370.010 ± 485.826 $\chi^2/\text{NDF}: 15.6/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

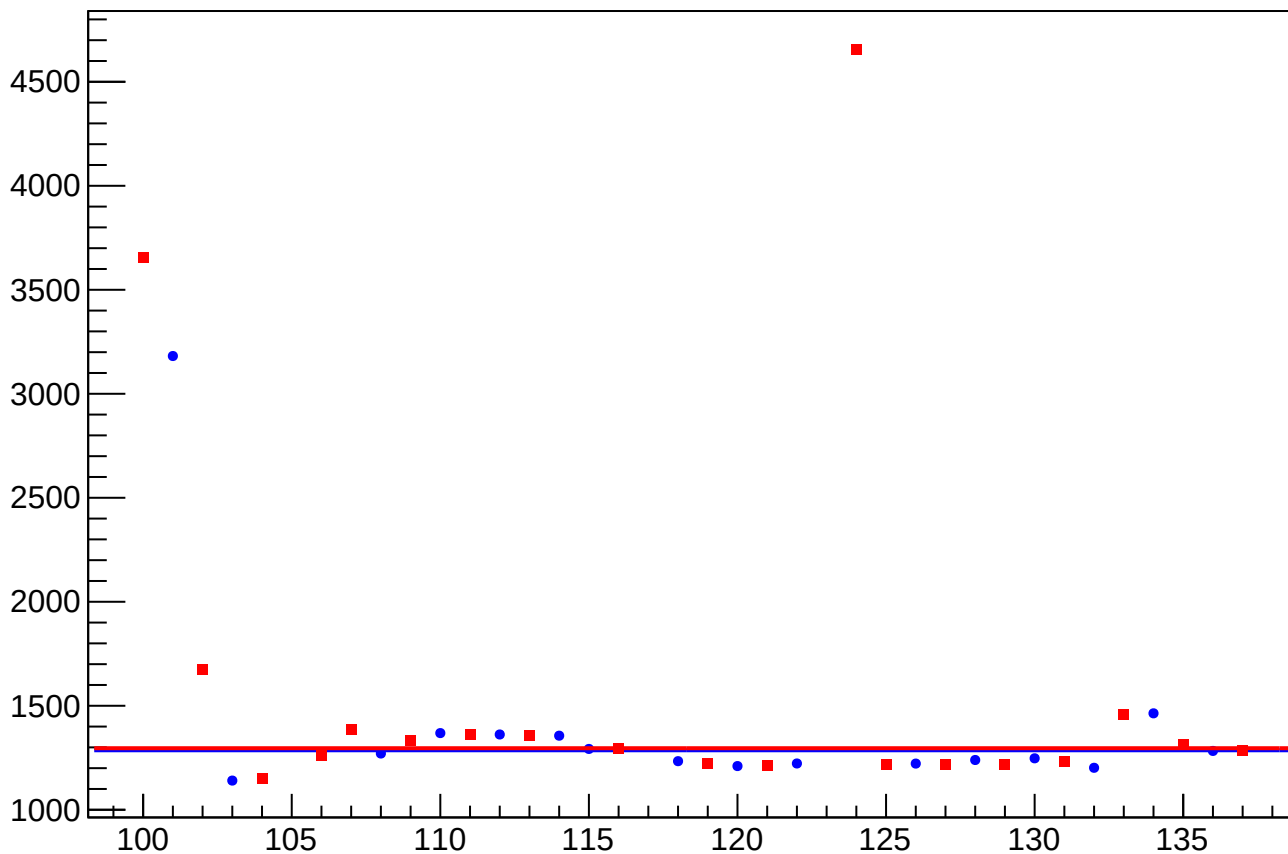
Right: -582.933 ± 344.105 $\chi^2/\text{NDF}: 29.4/34$

In: -797.285 ± 487.453 $\chi^2/\text{NDF}: 13.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -582.933 ± 344.105 $\chi^2/\text{NDF}: 29.4/34$

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.097 $\pm$ 0.345 χ^2 /NDF: 518126.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1295.943 $\pm$ 0.344 χ^2 /NDF: 328069.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

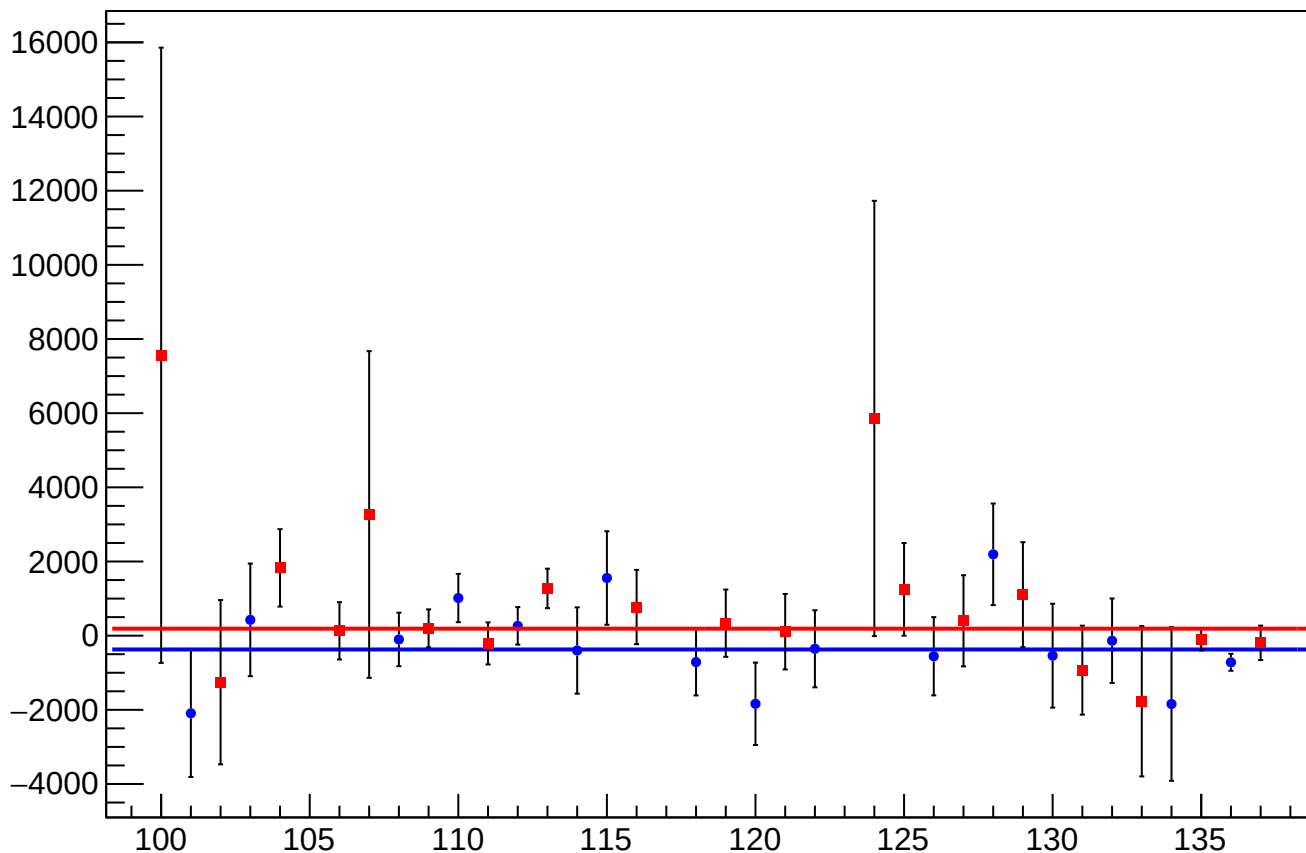
Right: 1291.036 $\pm$ 0.243 χ^2 /NDF: 846606.2/34

In: 1286.097 $\pm$ 0.345 χ^2 /NDF:518126.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1291.036 $\pm$ 0.243 χ^2 /NDF: 846606.2/34

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -372.325+/-168.204 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 188.945+/-169.575 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

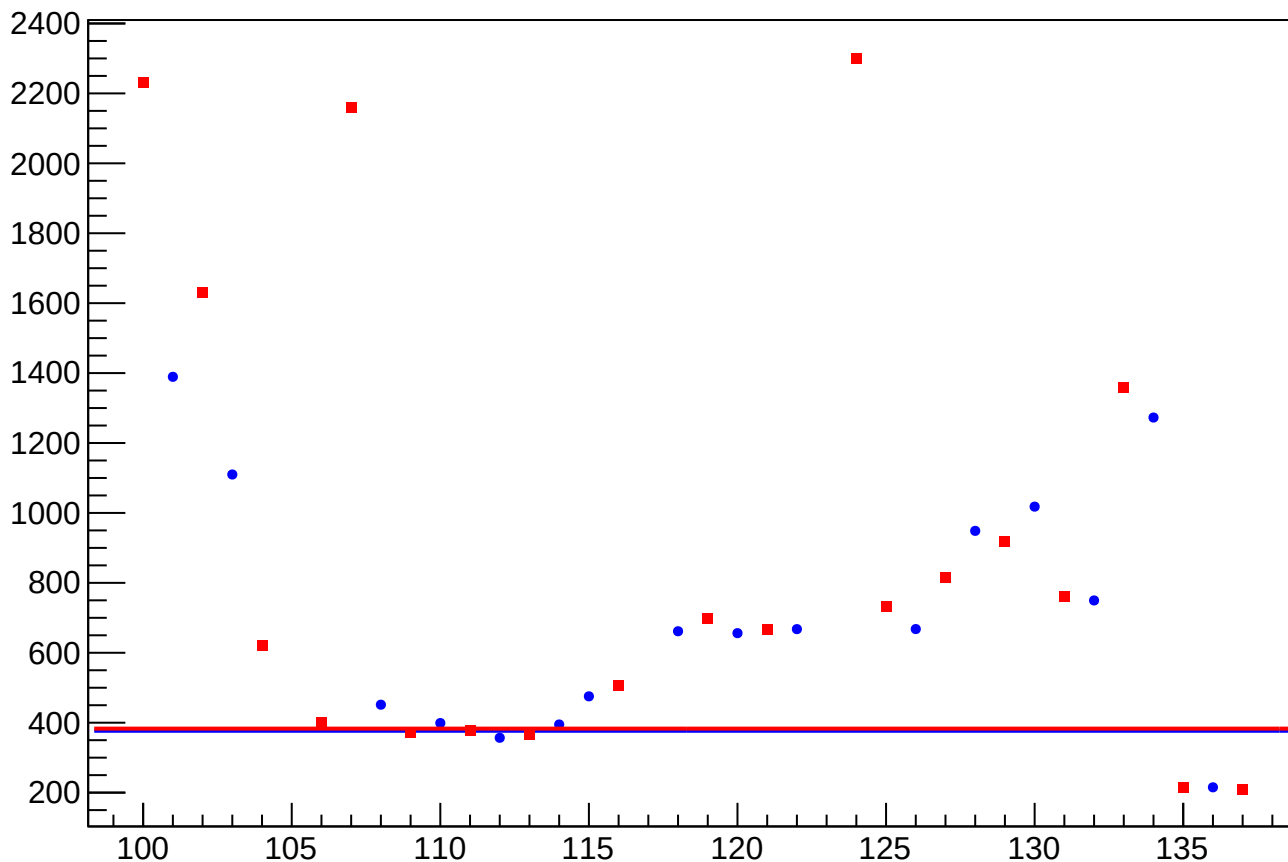
Right: -93.969+/-119.420 χ^2/NDF : 38.3/34

In: -372.325+/-168.204 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.969+/-119.420 χ^2/NDF : 38.3/34

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 376.893+/-0.119 χ^2/NDF : 4190194.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.074+/-0.120 χ^2/NDF : 4054121.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

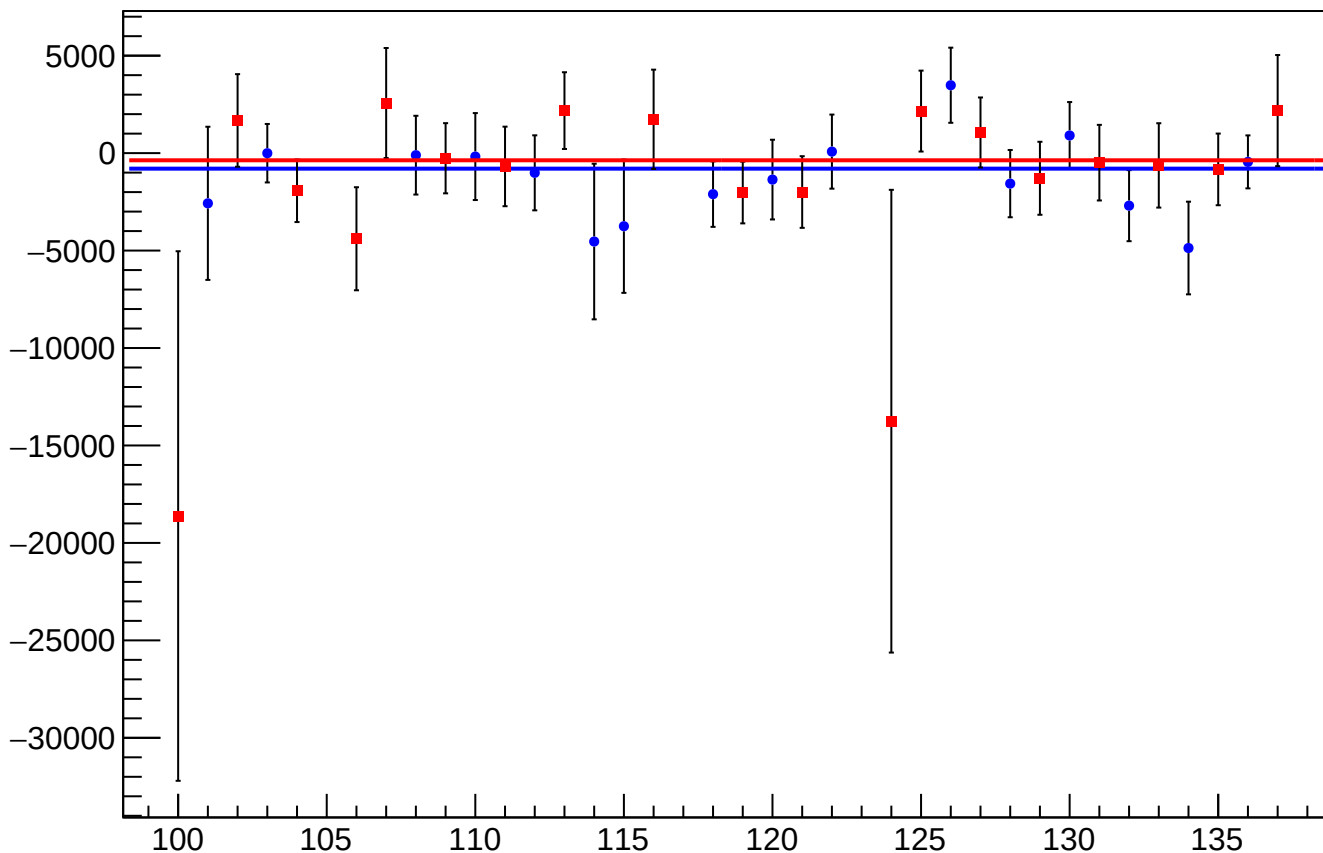
Right: 379.958+/-0.084 χ^2/NDF : 8245655.7/34

In: 376.893+/-0.119 χ^2/NDF : 4190194.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.958+/-0.084 χ^2/NDF : 8245655.7/34

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -367.476 ± 486.348 χ^2/NDF : 15.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

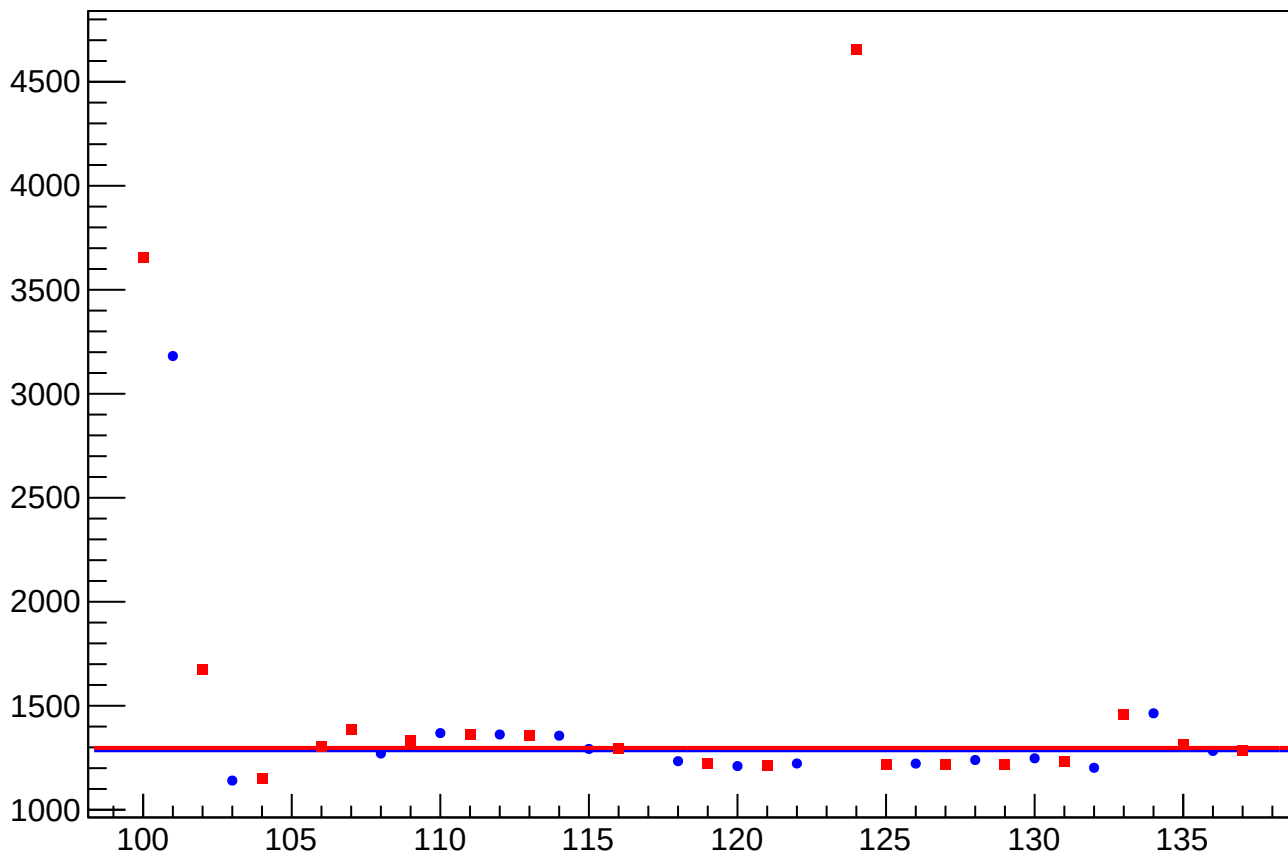
Right: -581.692 ± 344.290 χ^2/NDF : 29.5/34

In: -796.883 ± 487.454 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -581.692 ± 344.290 χ^2/NDF : 29.5/34

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.394+/-0.344 χ^2/NDF : 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

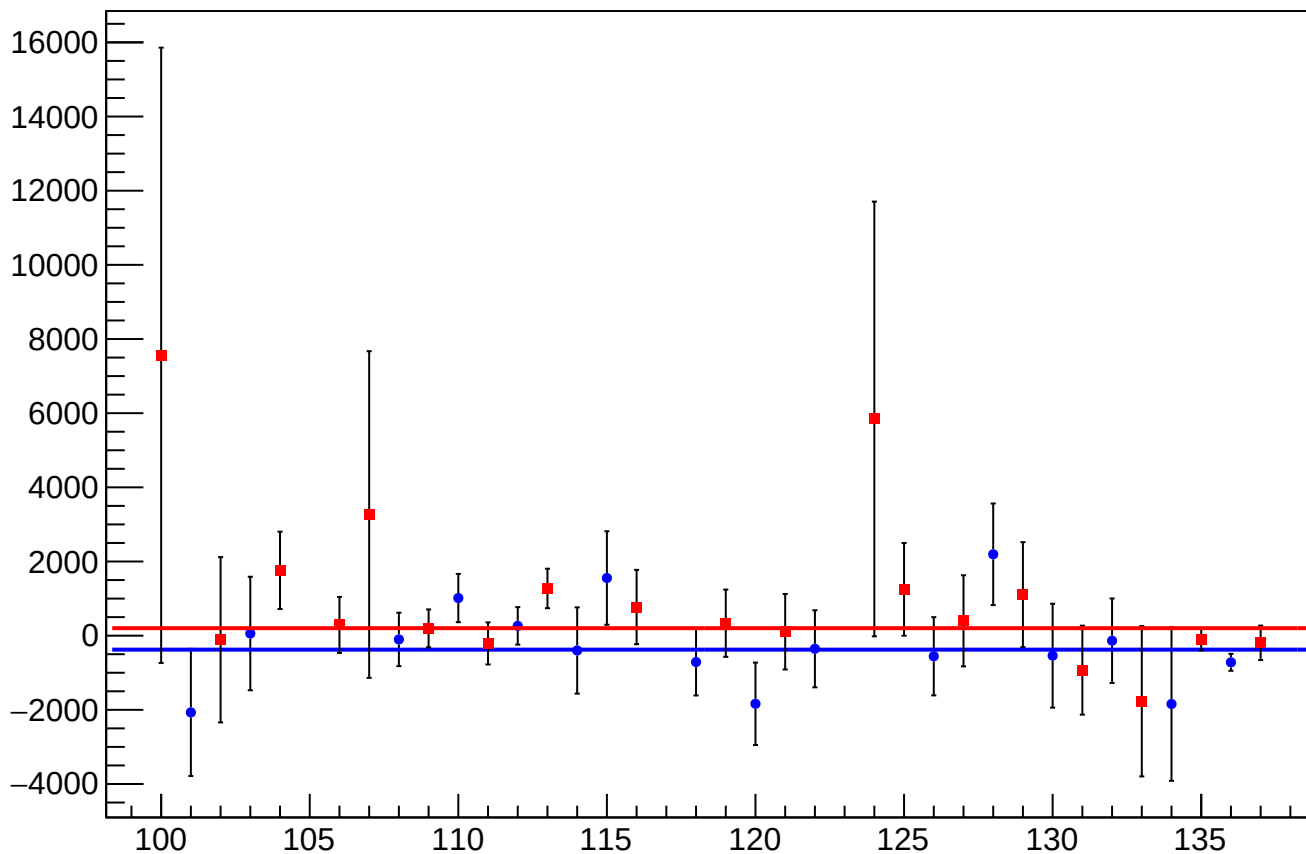
Right: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.144+/-169.377 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

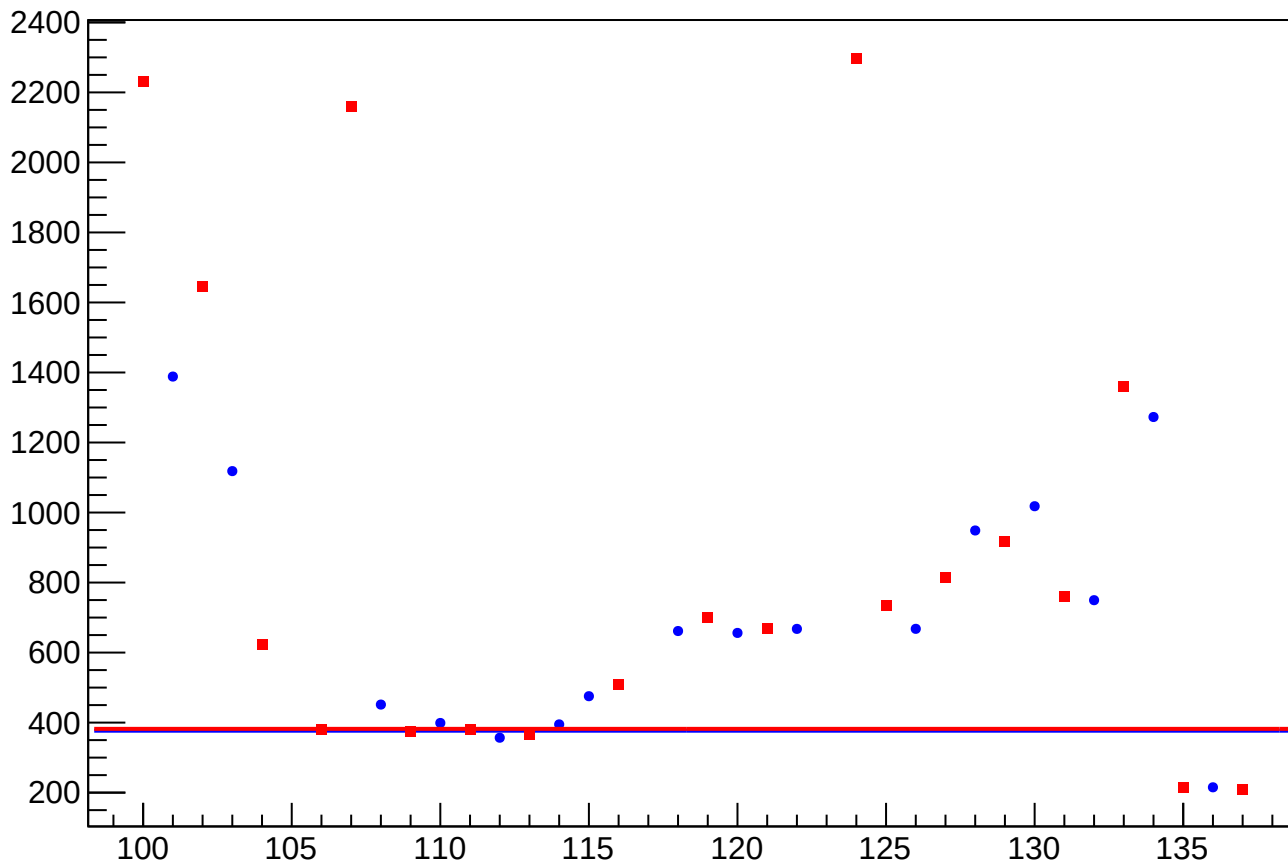
Right: -89.292+/-119.358 χ^2/NDF : 37.9/34

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.292+/-119.358 χ^2/NDF : 37.9/34

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF : 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

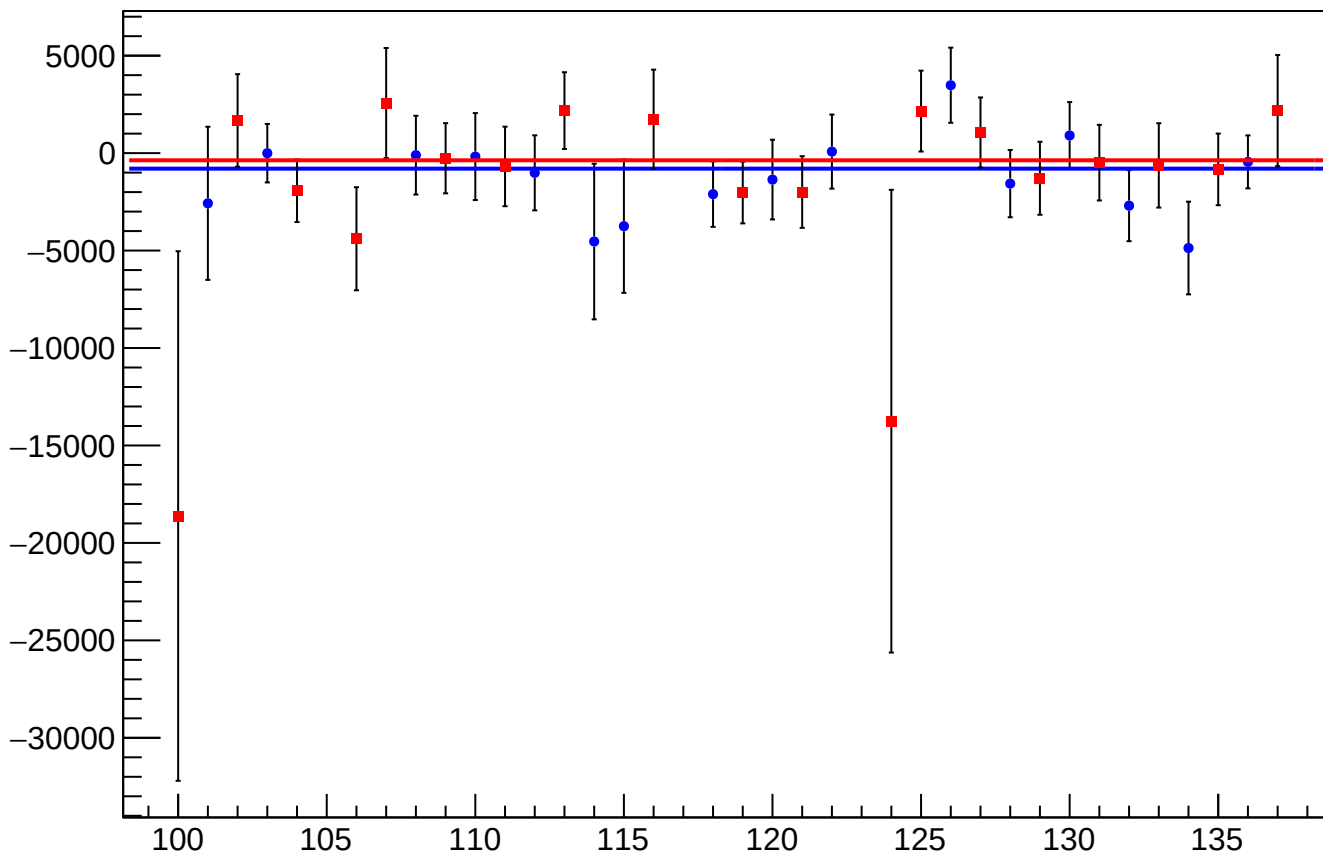
Right: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

In: 376.884+/-0.119 χ^2/NDF :4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -367.476+/-486.348 χ^2/NDF : 15.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

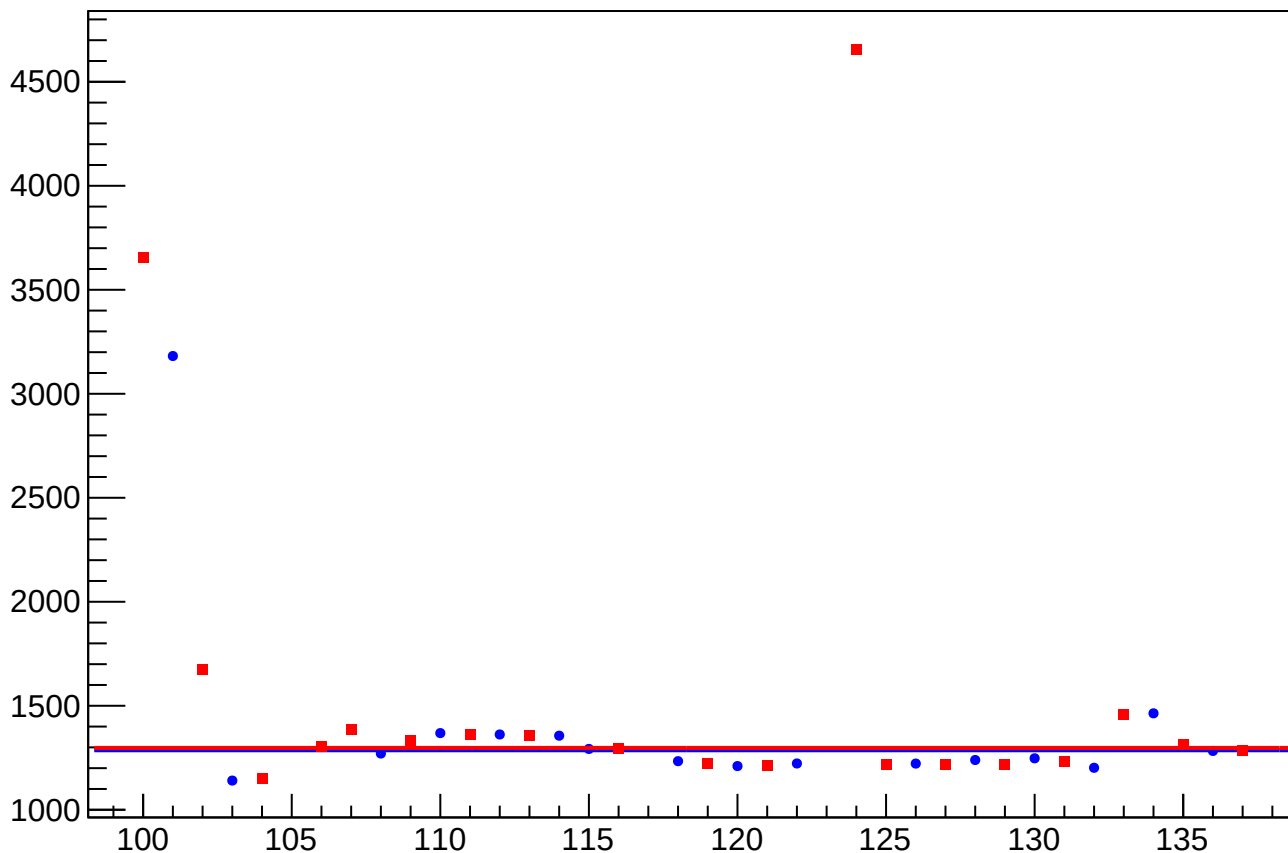
Right: -581.692+/-344.290 χ^2/NDF : 29.5/34

In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -581.692+/-344.290 χ^2/NDF : 29.5/34

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.394+/-0.344 χ^2/NDF : 327741.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

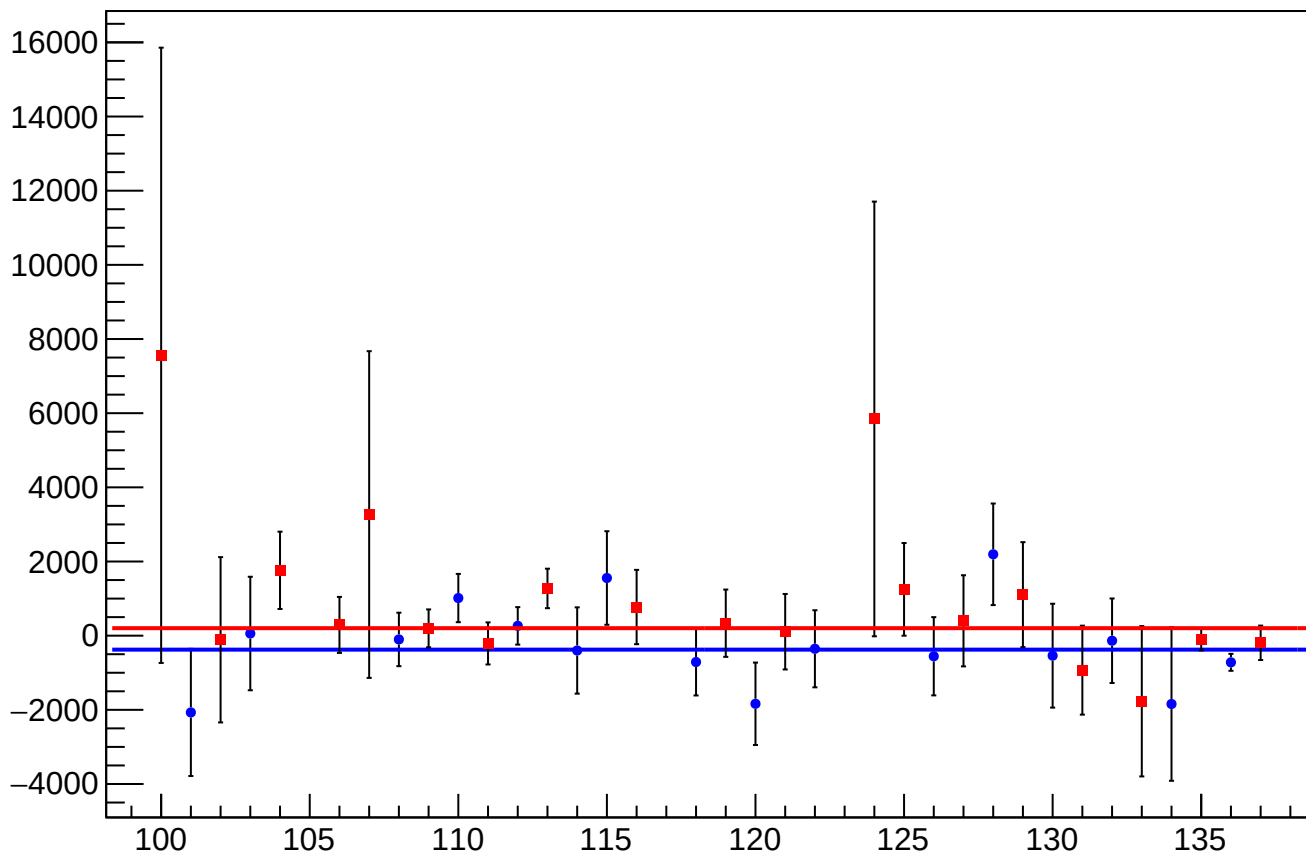
Right: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.758+/-0.243 χ^2/NDF : 846408.4/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.144+/-169.377 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

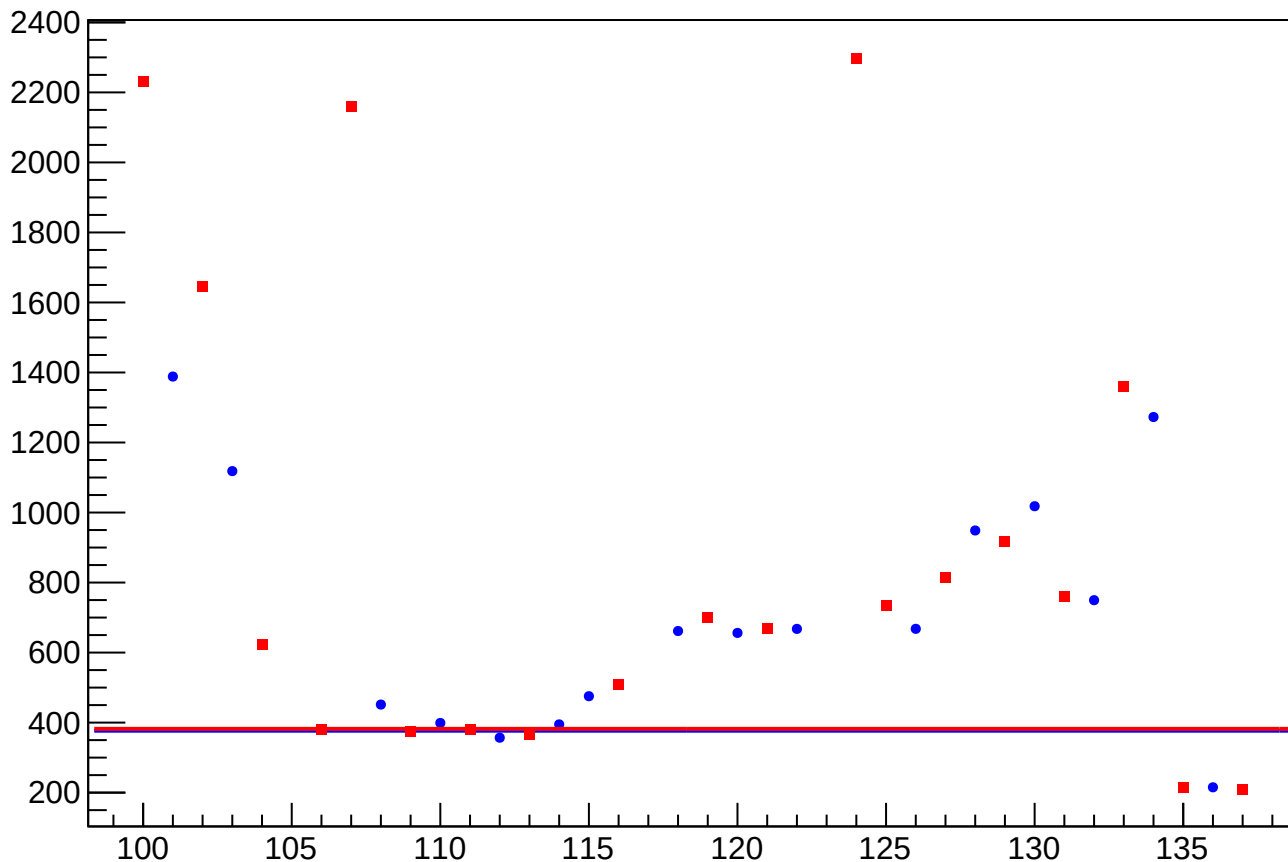
Right: -89.292+/-119.358 χ^2/NDF : 37.9/34

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -89.292+/-119.358 χ^2/NDF : 37.9/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 382.136+/-0.120 χ^2/NDF : 4059600.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

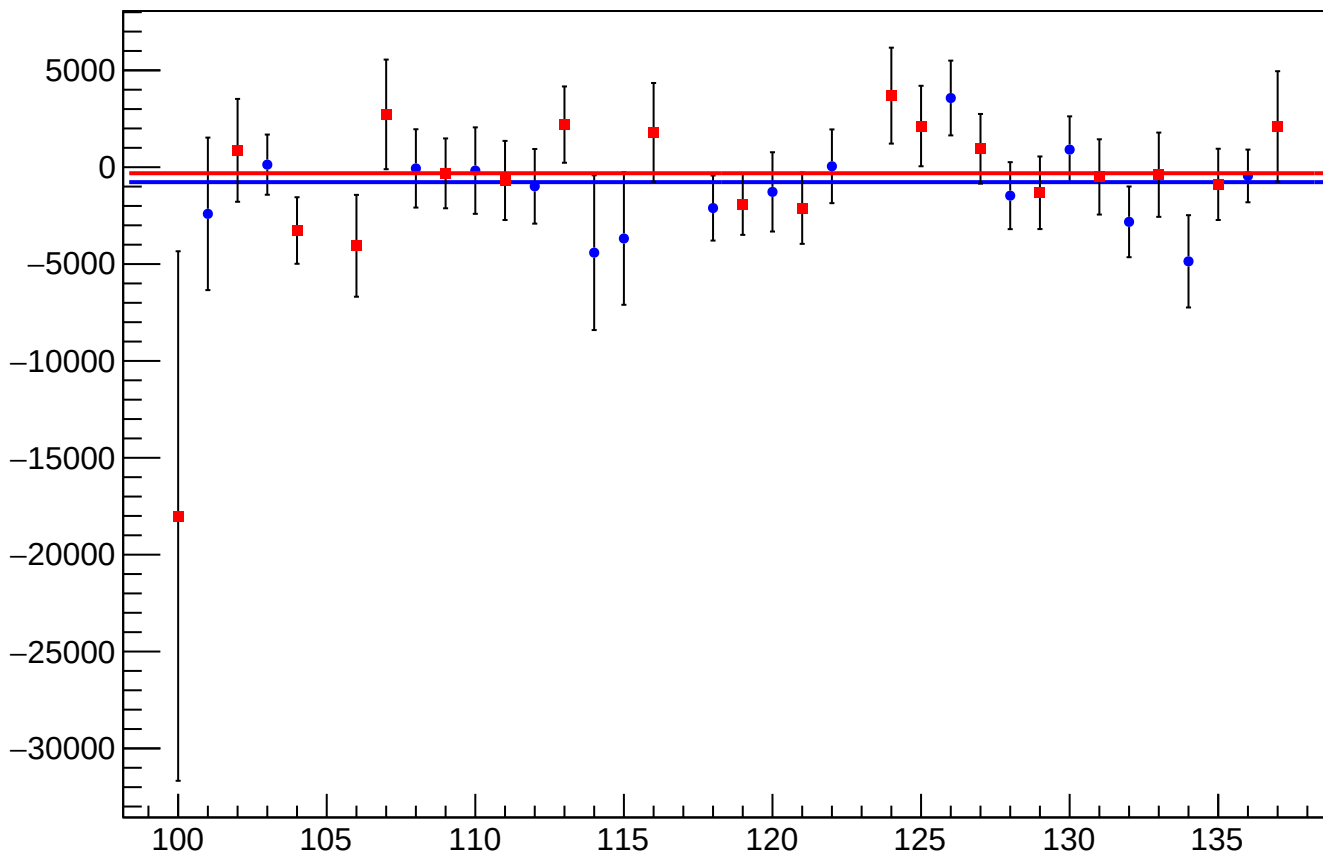
Right: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

In: 376.884+/-0.119 χ^2/NDF :4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 379.492+/-0.084 χ^2/NDF : 8253896.4/34

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -771.499+/-489.602 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.418+/-482.642 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

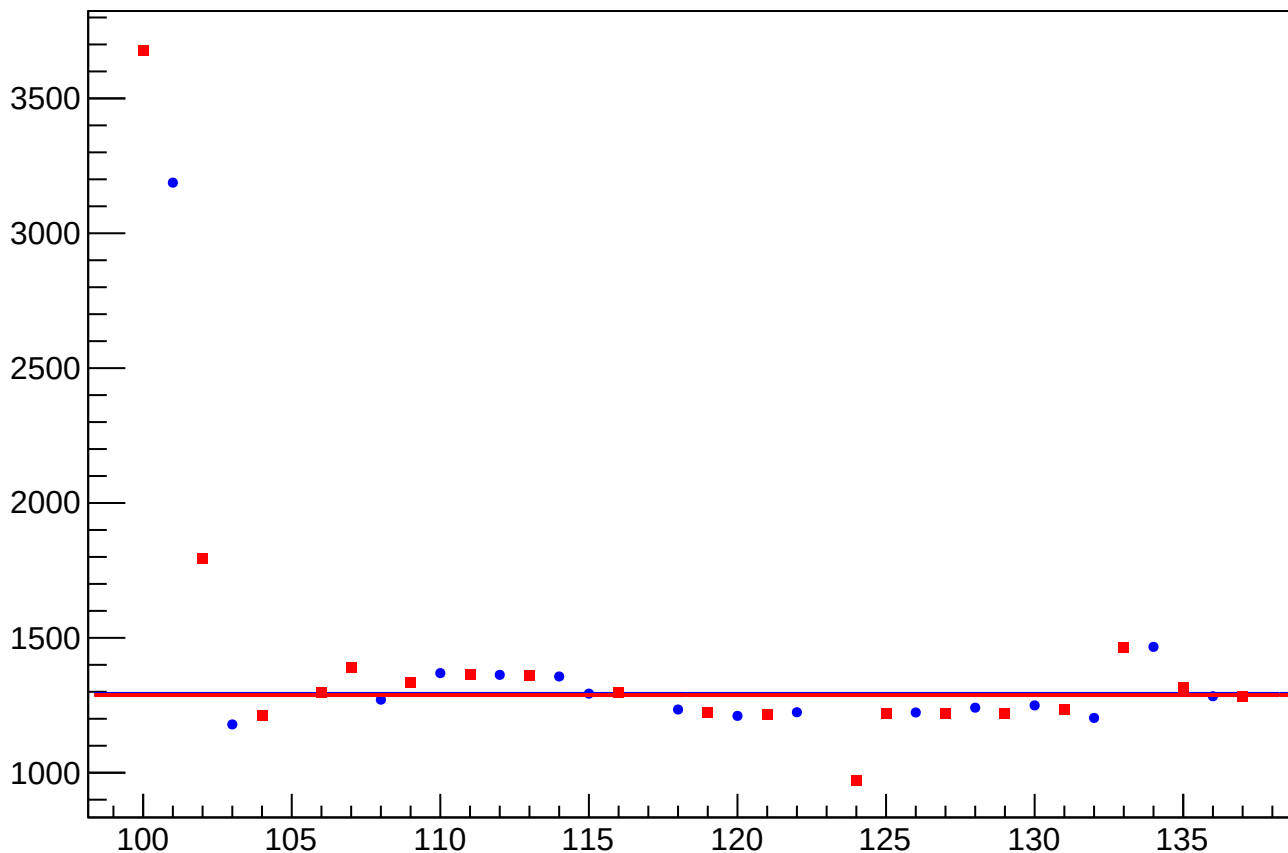
Right: -538.165+/-343.714 χ^2/NDF : 32.0/34

In: -771.499+/-489.602 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.165+/-343.714 χ^2/NDF : 32.0/34

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.988+/-0.341 χ^2/NDF : 209208.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

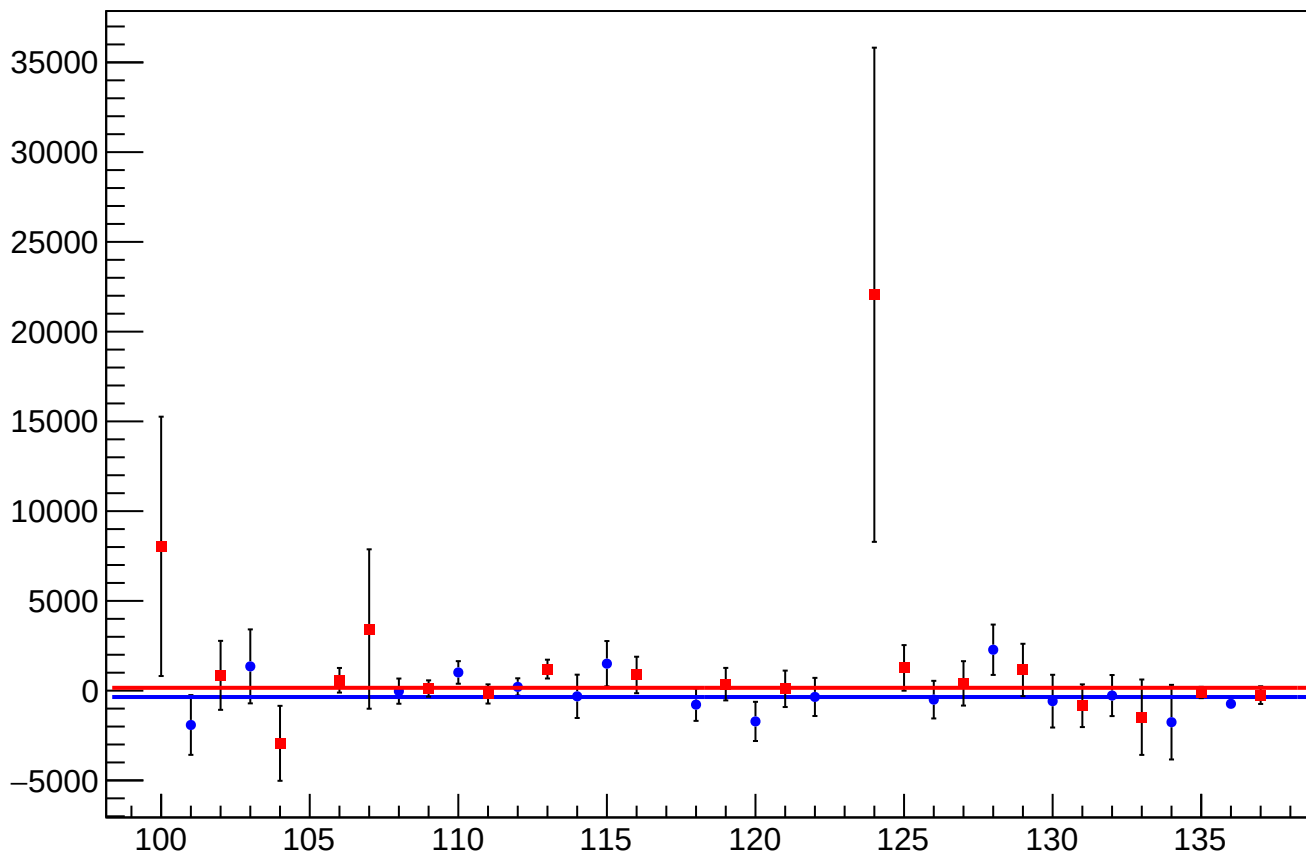
Right: 1289.984+/-0.243 χ^2/NDF : 718684.5/34

In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.984+/-0.243 χ^2/NDF : 718684.5/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.226+/-169.971 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.924+/-169.665 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

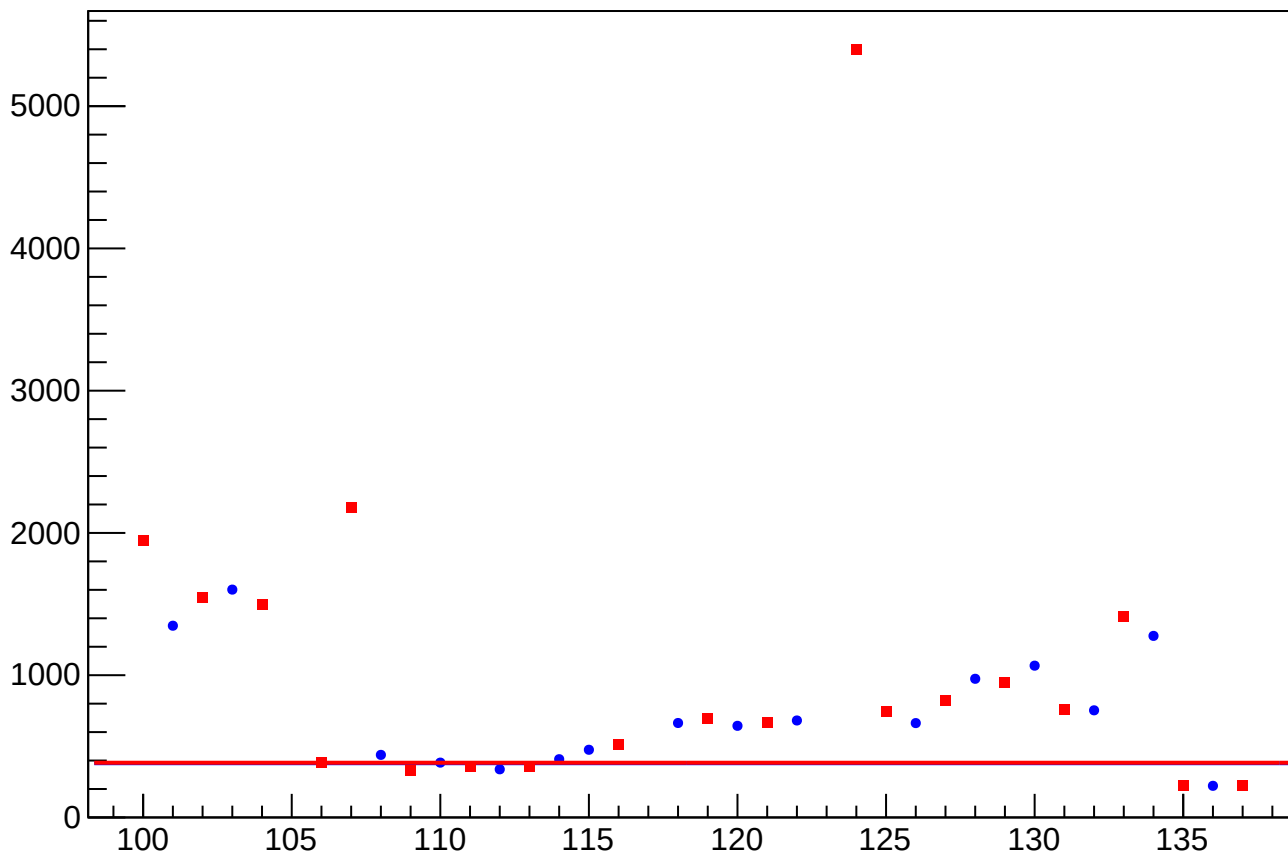
Right: -98.189+/-120.079 χ^2/NDF : 38.8/34

In: -355.226+/-169.971 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.189+/-120.079 χ^2/NDF : 38.8/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.651+/-0.120 χ^2/NDF : 4560208.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

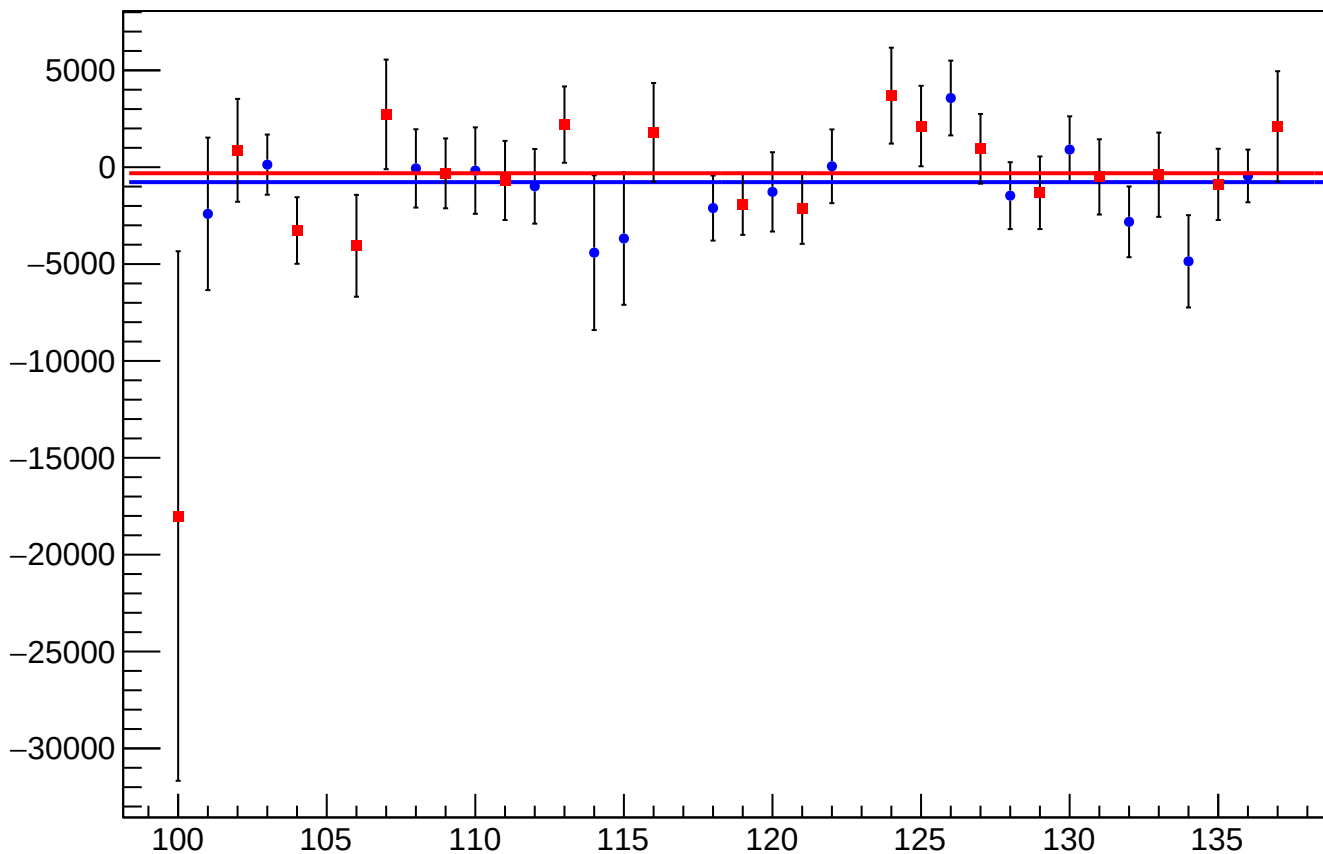
Right: 383.003+/-0.085 χ^2/NDF : 8878509.2/34

In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.003+/-0.085 χ^2/NDF : 8878509.2/34

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -771.501+/-489.602 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -311.419+/-482.642 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

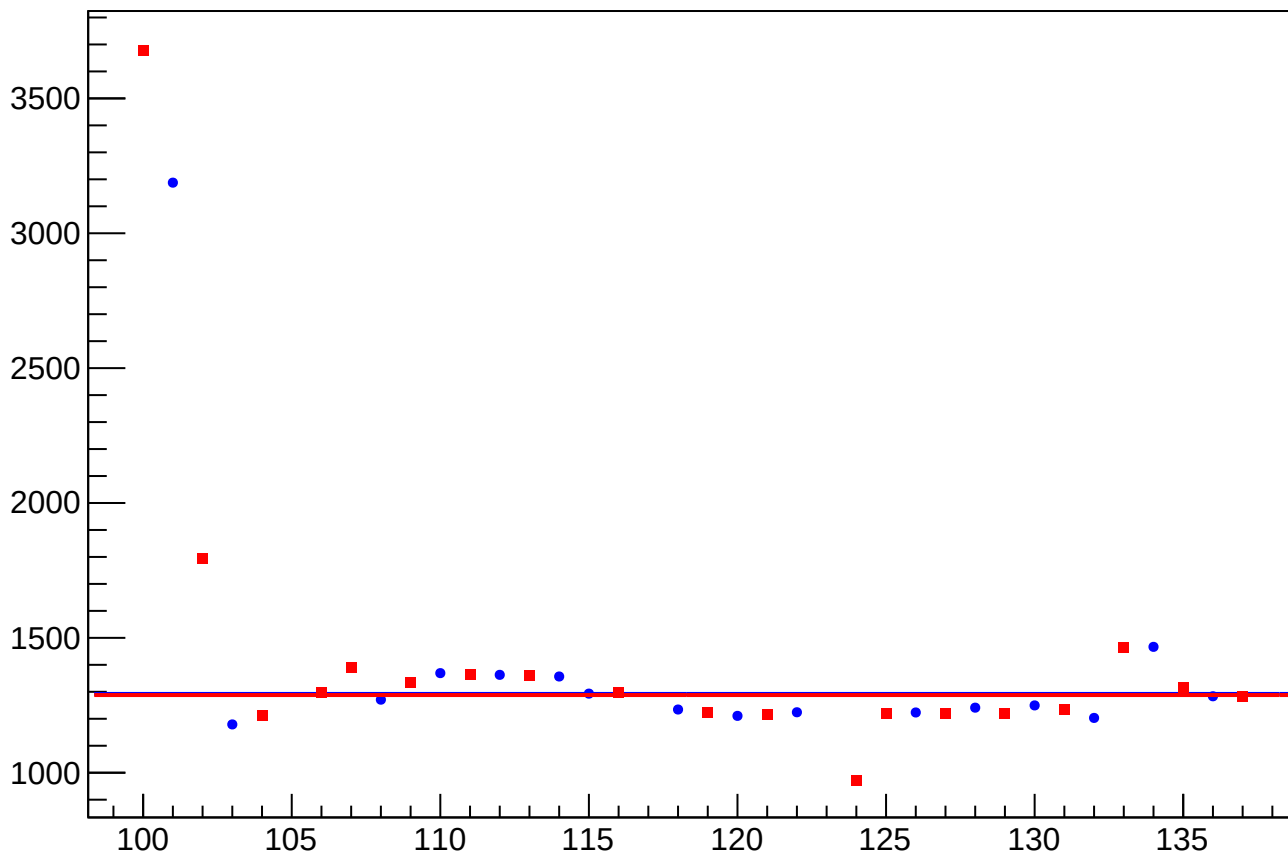
Right: -538.167+/-343.714 χ^2/NDF : 32.0/34

In: -771.501+/-489.602 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -538.167+/-343.714 χ^2/NDF : 32.0/34

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1287.988+/-0.341 χ^2/NDF : 209209.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

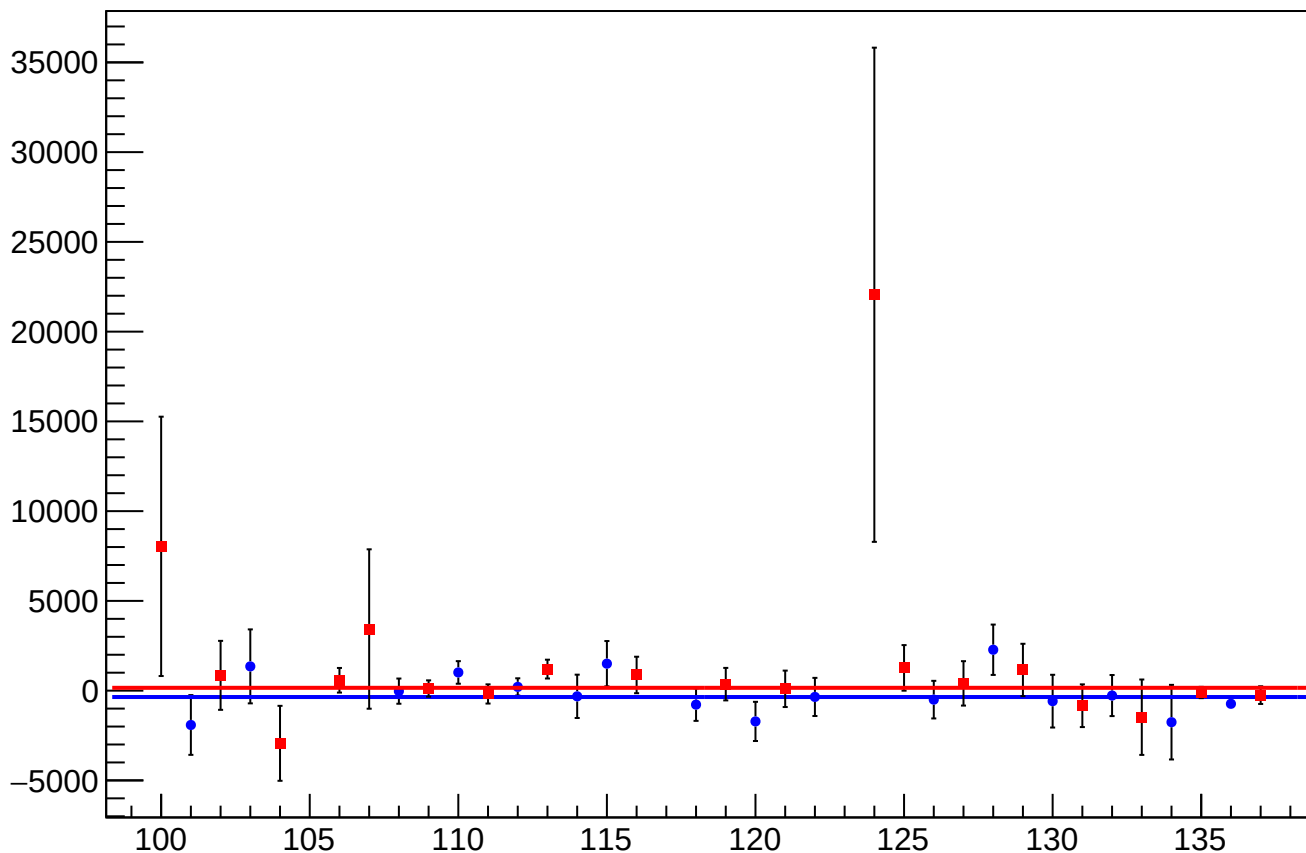
Right: 1289.984+/-0.243 χ^2/NDF : 718684.7/34

In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1289.984+/-0.243 χ^2/NDF : 718684.7/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.226+/-169.973 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.929+/-169.667 χ^2/NDF : 15.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

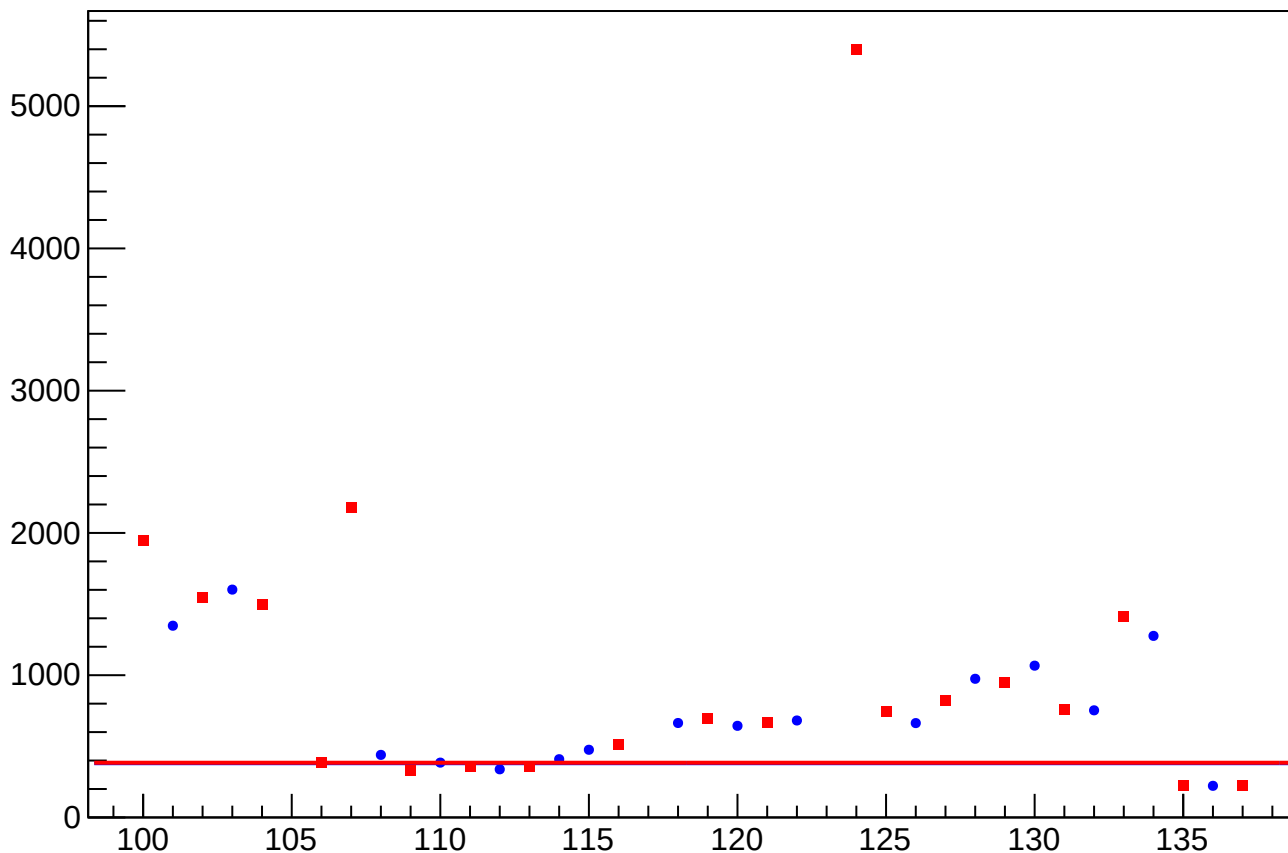
Right: -98.185+/-120.081 χ^2/NDF : 38.8/34

In: -355.226+/-169.973 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -98.185+/-120.081 χ^2/NDF : 38.8/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.658+/-0.120 χ^2/NDF : 4560068.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

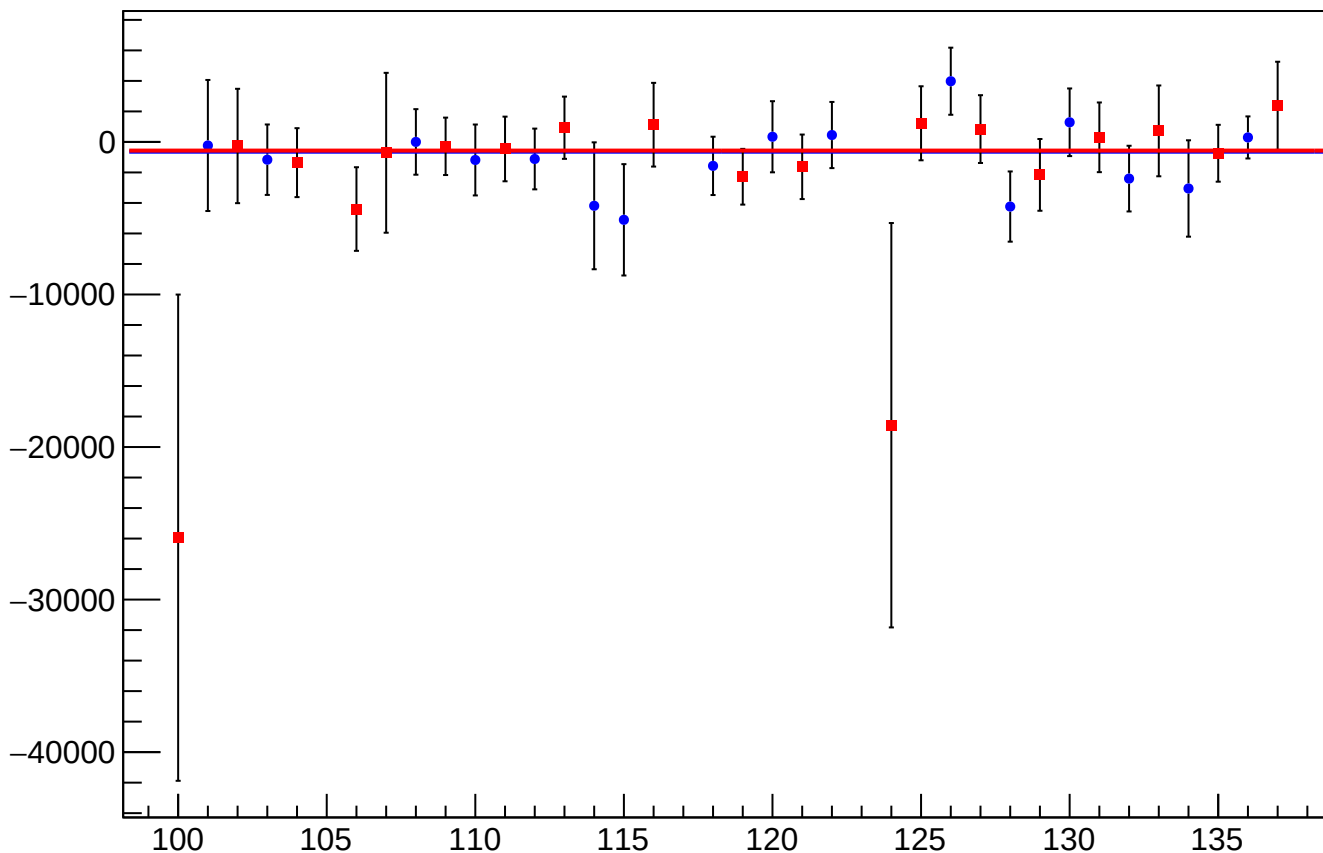
Right: 383.012+/-0.085 χ^2/NDF : 8878183.1/34

In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.012+/-0.085 χ^2/NDF : 8878183.1/34

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug, Sign Corrected



Right In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -567.254+/-566.774 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

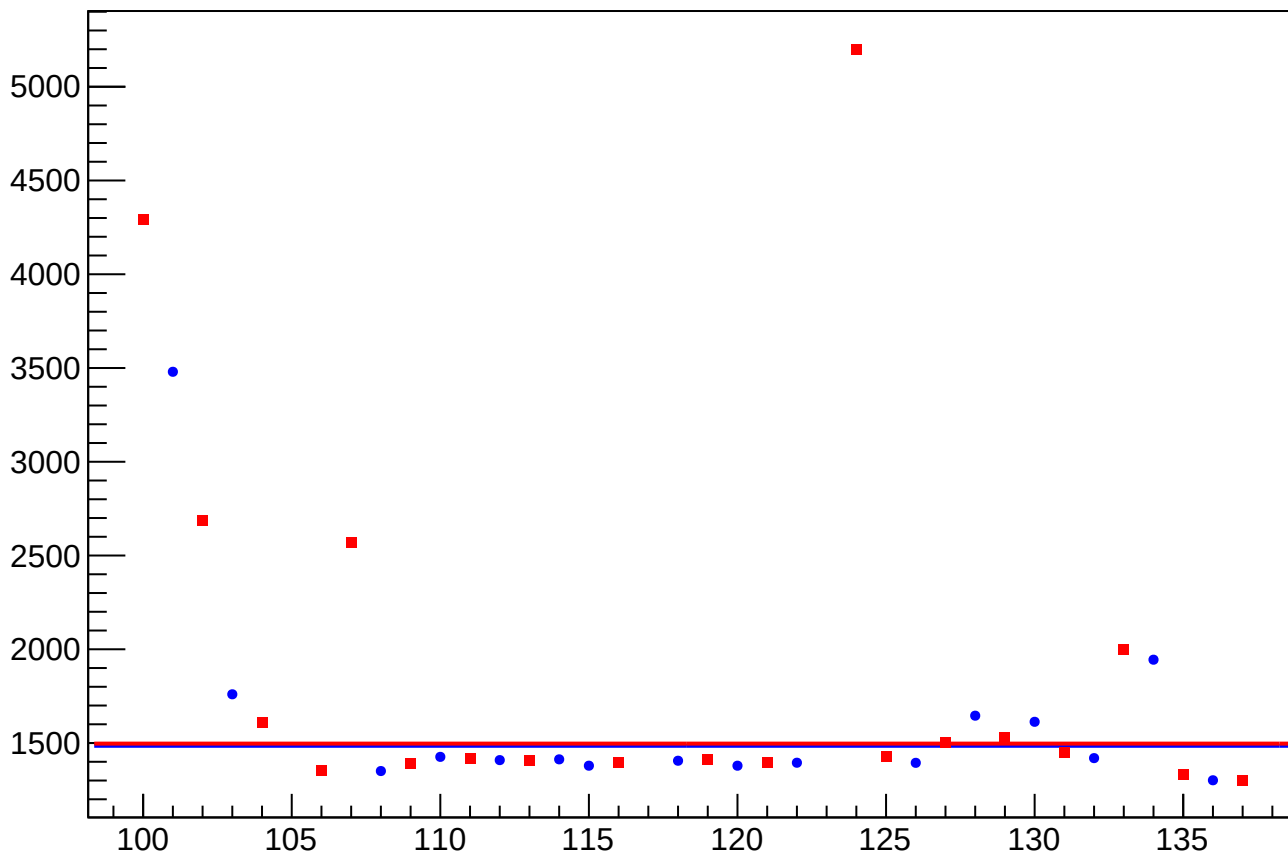
Right: -604.196+/-399.916 χ^2/NDF : 23.8/34

In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -604.196+/-399.916 χ^2/NDF : 23.8/34

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug, Sign Corrected



Right In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1496.865+/-0.401 χ^2/NDF : 623292.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

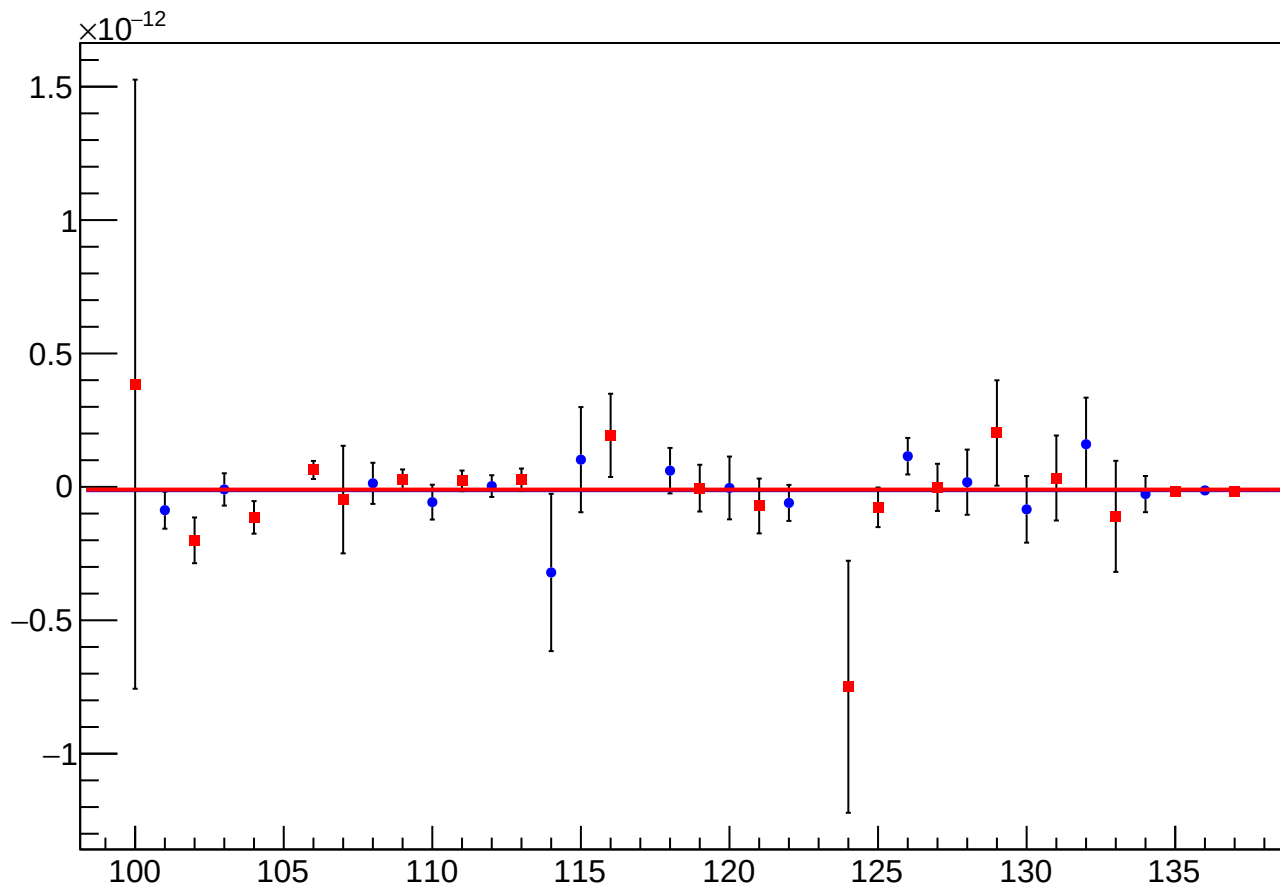
Right: 1491.093+/-0.283 χ^2/NDF : 1208175.9/34

In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1491.093+/-0.283 χ^2/NDF : 1208175.9/34

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

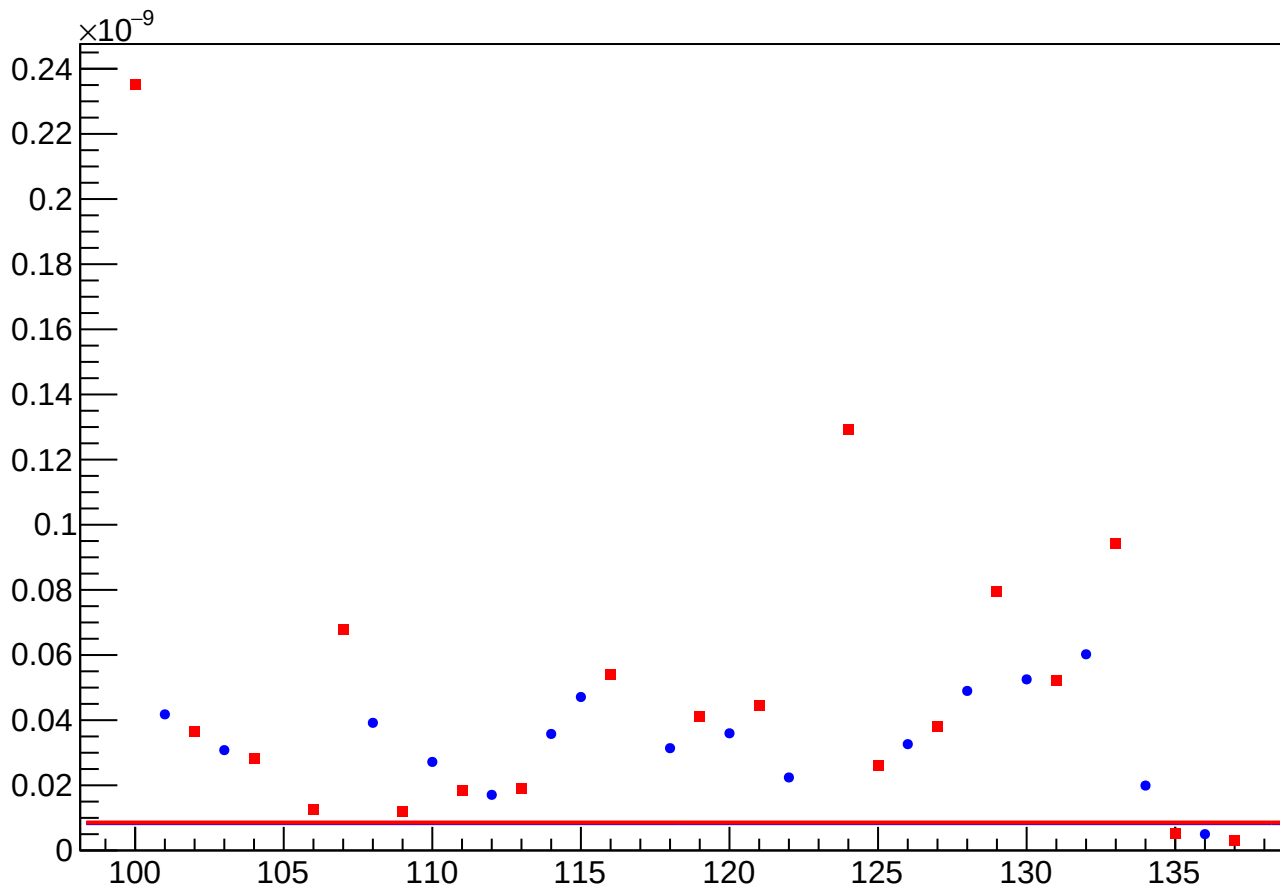
Right: -0.000+/-0.000 χ^2/NDF : 31.8/34

In: -0.000+/-0.000 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.8/34

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3059657.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3348571.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

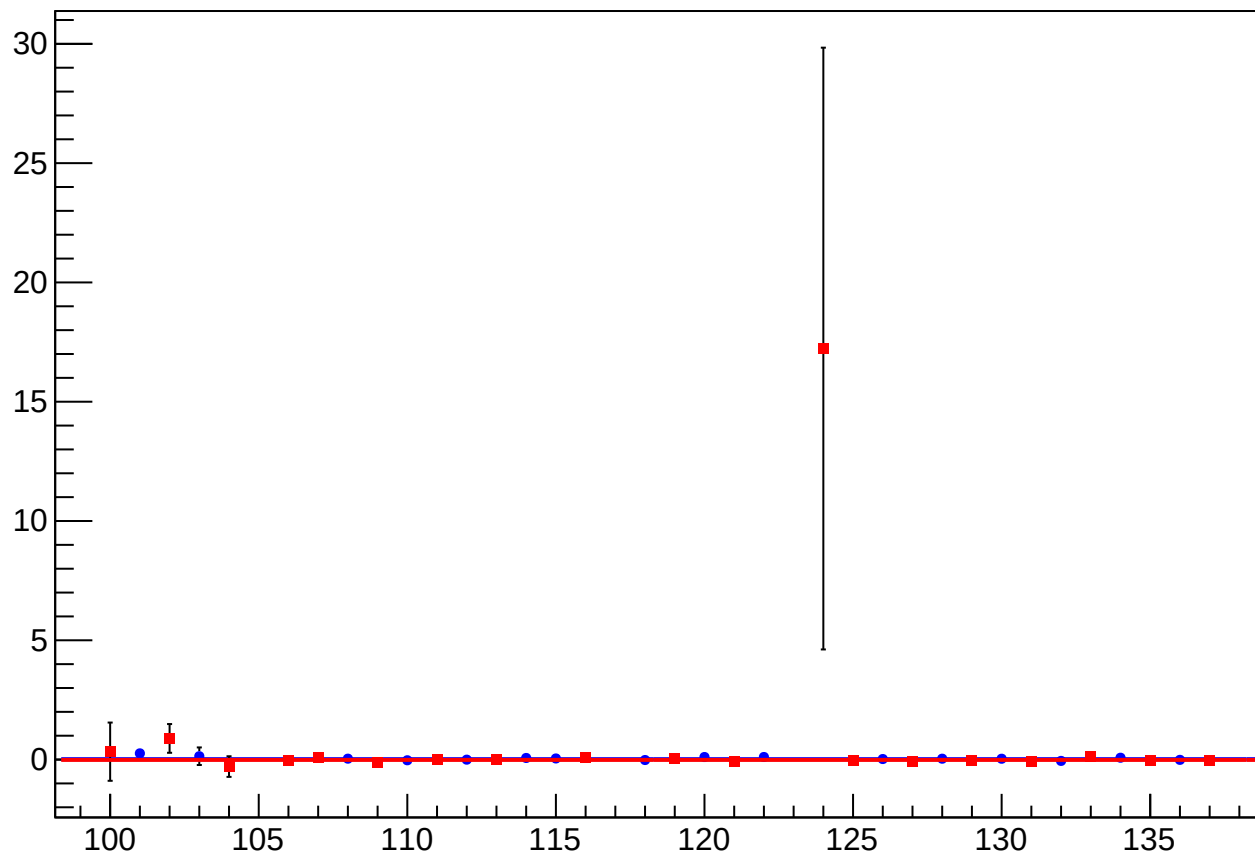
Right: 0.000+/-0.000 χ^2/NDF : 6408892.5/34

In: 0.000+/-0.000 χ^2/NDF : 3059657.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6408892.5/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

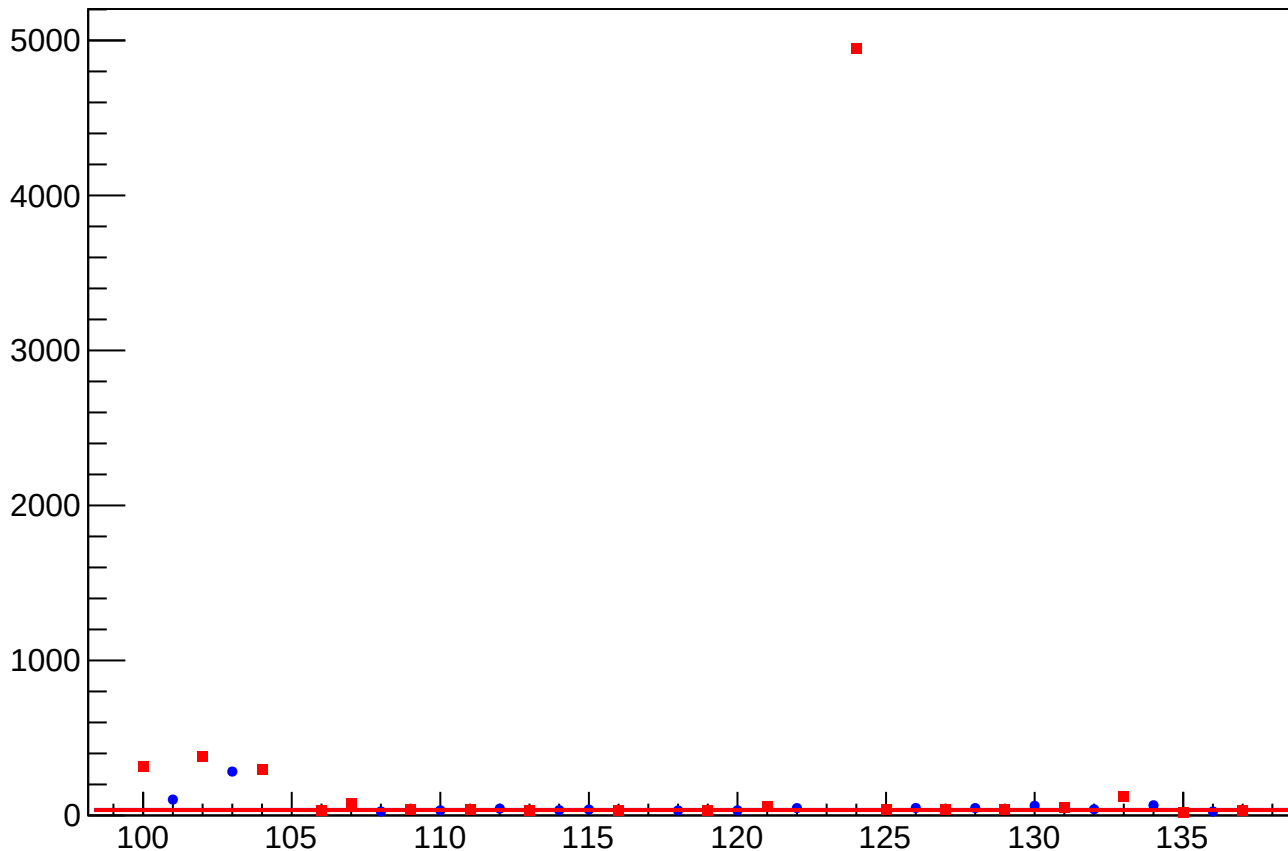
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.742 $\pm$ 0.011 χ^2 /NDF: 2264790.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 34.797 $\pm$ 0.011 χ^2 /NDF: 2914137.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

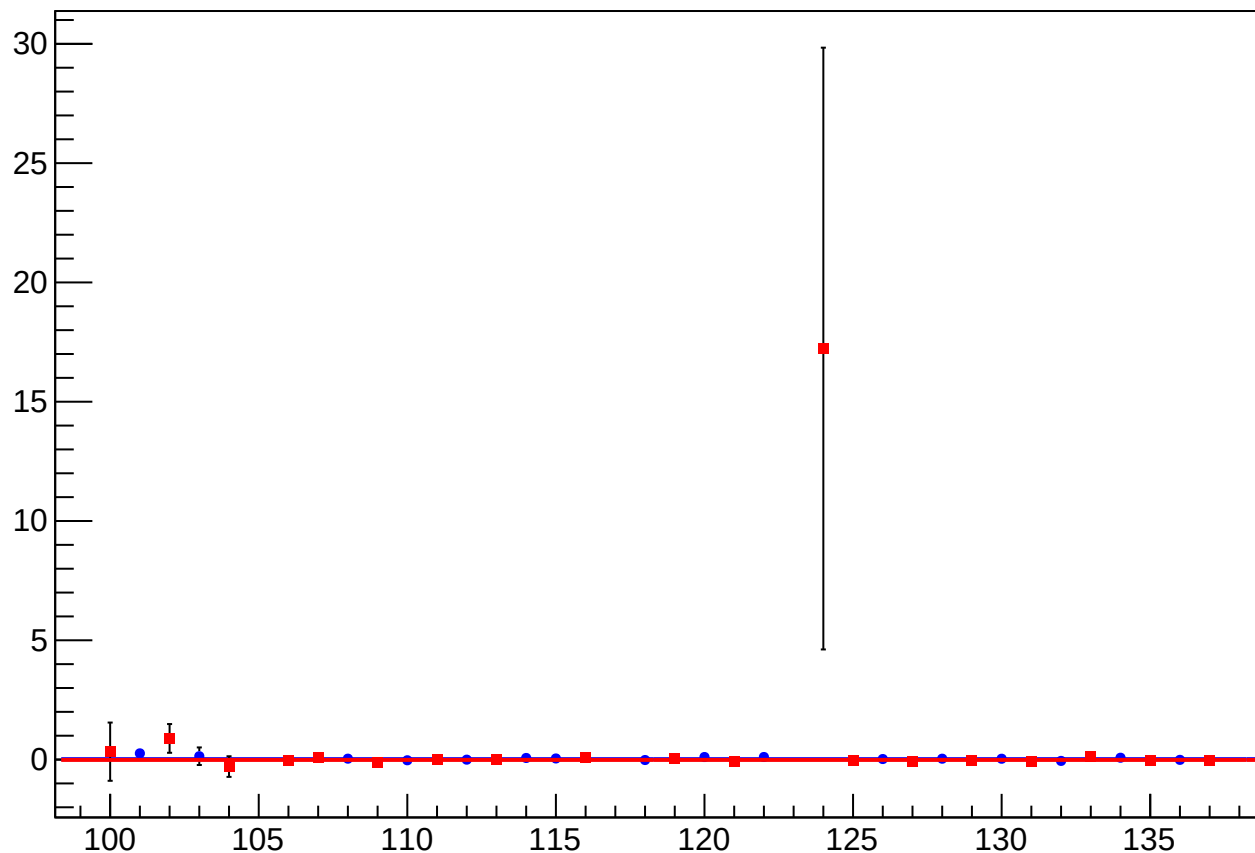
Right: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

In: 35.742 $\pm$ 0.011 χ^2 /NDF:2264790.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

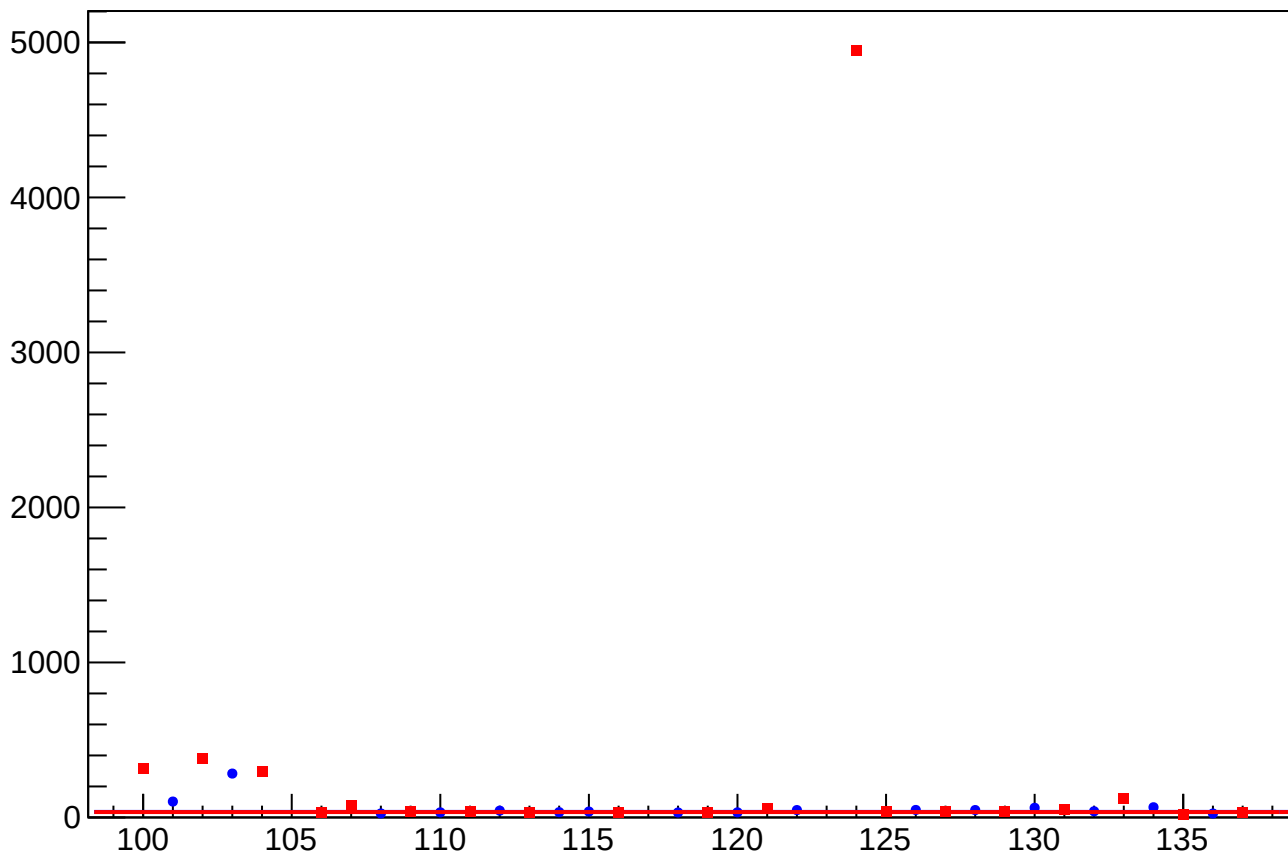
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.742 $\pm$ 0.011 χ^2 /NDF: 2264790.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.797 $\pm$ 0.011 χ^2 /NDF: 2914137.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

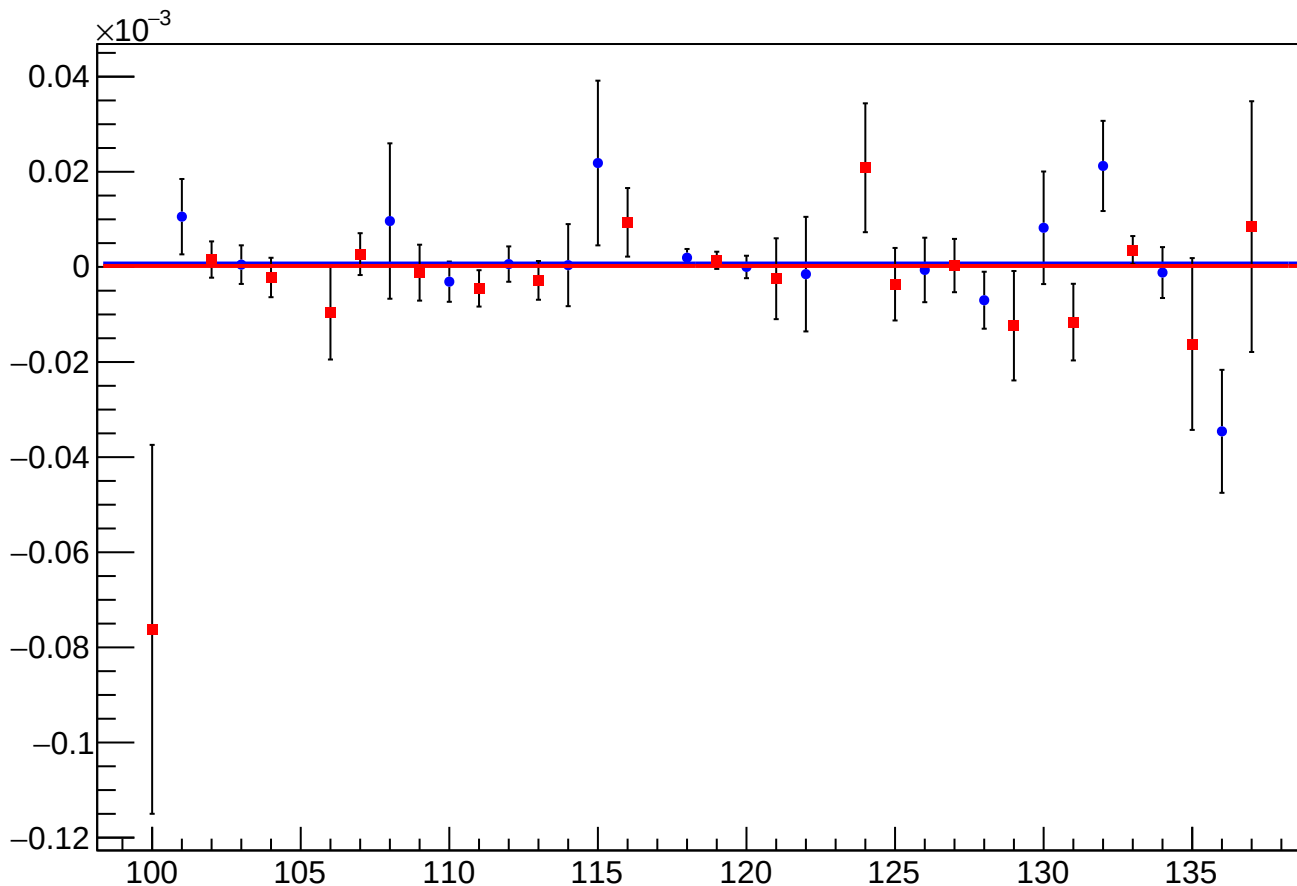
Right: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

In: 35.742 $\pm$ 0.011 χ^2 /NDF: 2264790.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.274 $\pm$ 0.008 χ^2 /NDF: 5182629.3/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

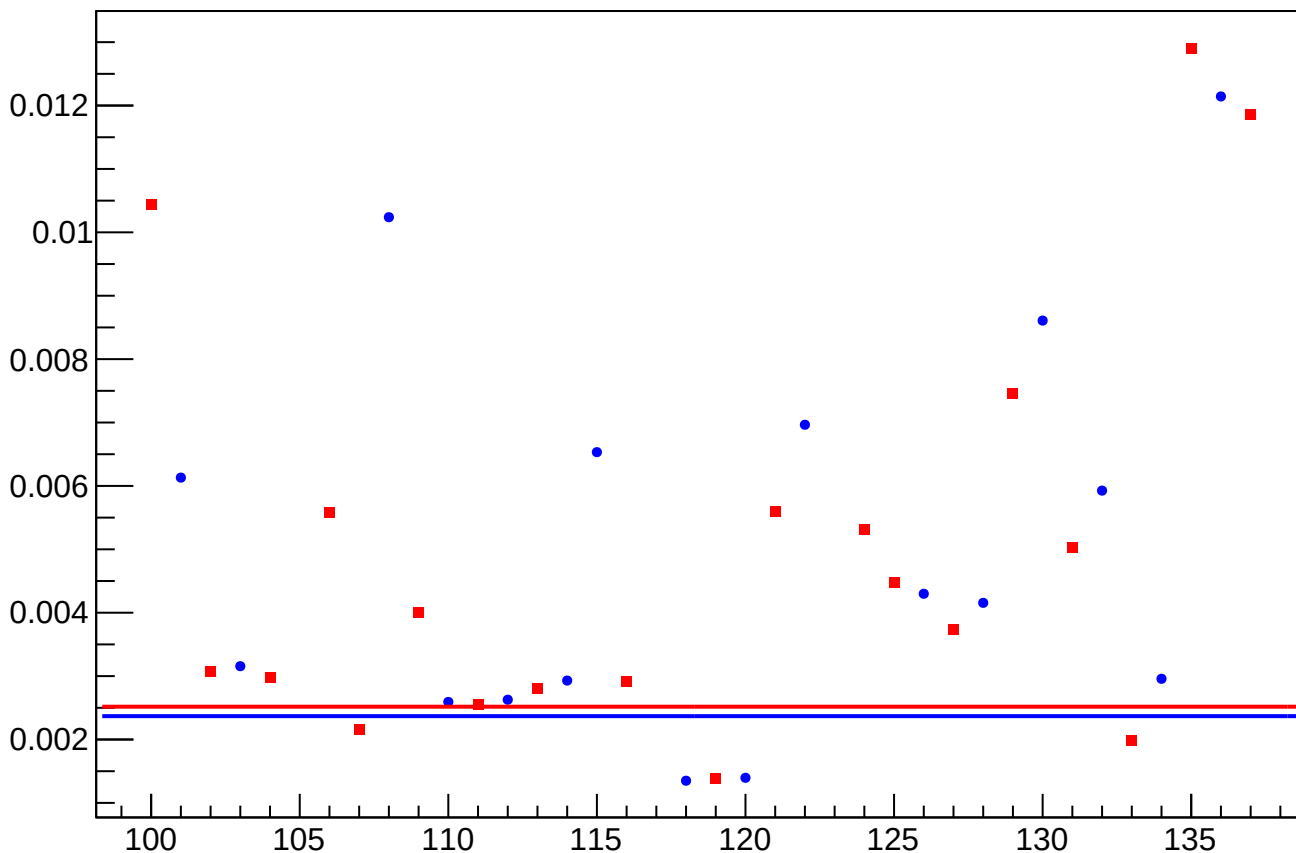
Right: 0.000+/-0.000 χ^2/NDF : 37.3/34

In: 0.000+/-0.000 χ^2/NDF : 19.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 4721602.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3397462.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

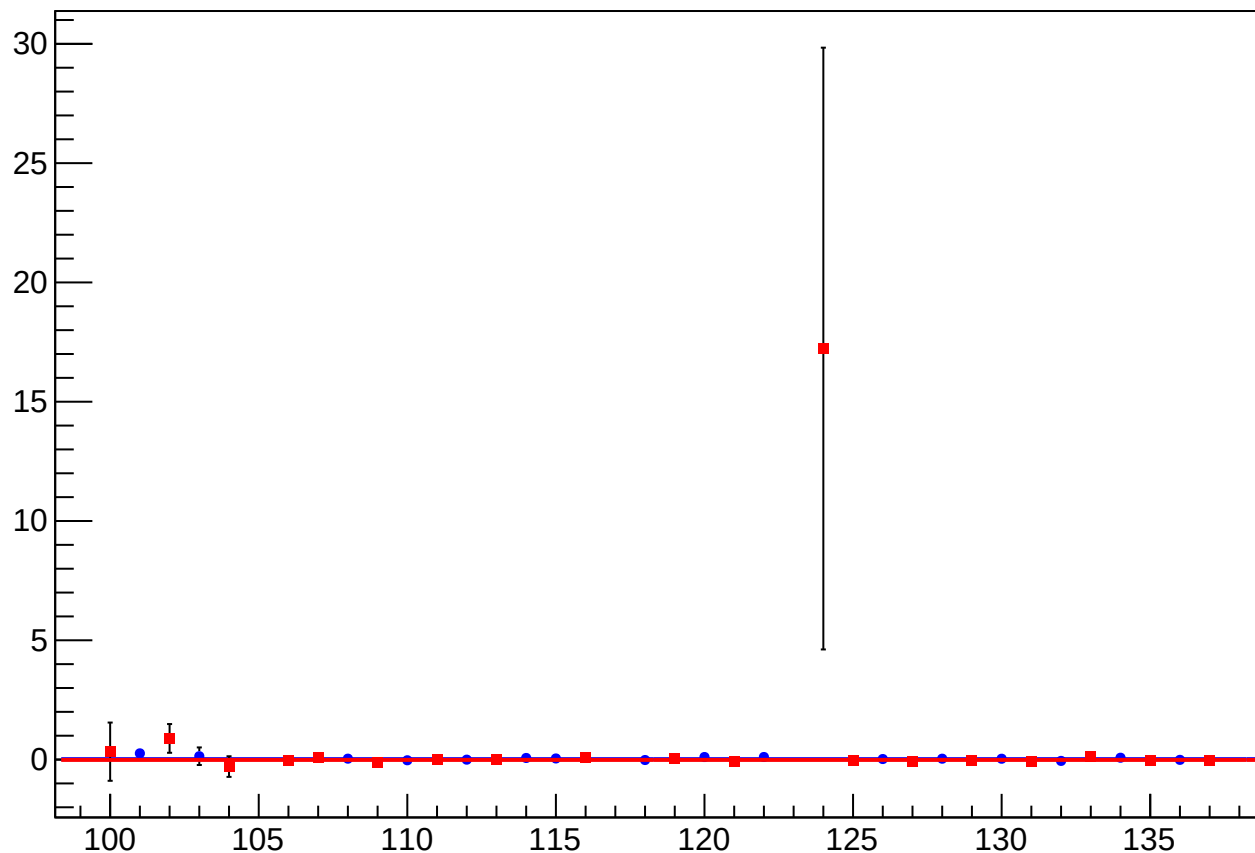
Right: 0.002+/-0.000 χ^2/NDF : 8137943.7/34

In: 0.002+/-0.000 χ^2/NDF :4721602.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8137943.7/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.014+/-0.016 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

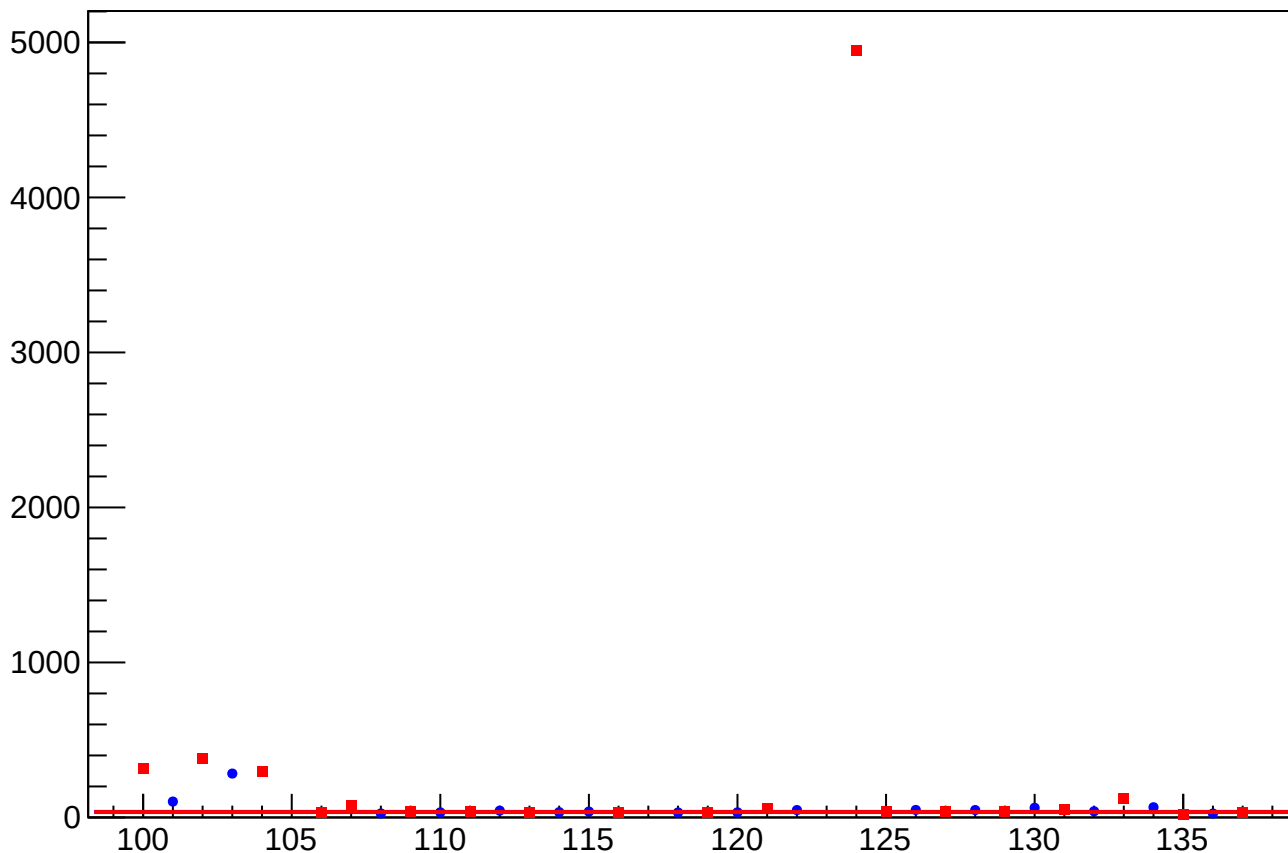
Right: 0.002+/-0.011 χ^2/NDF : 29.4/34

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.011 χ^2/NDF : 29.4/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.798+/-0.011 χ^2/NDF : 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

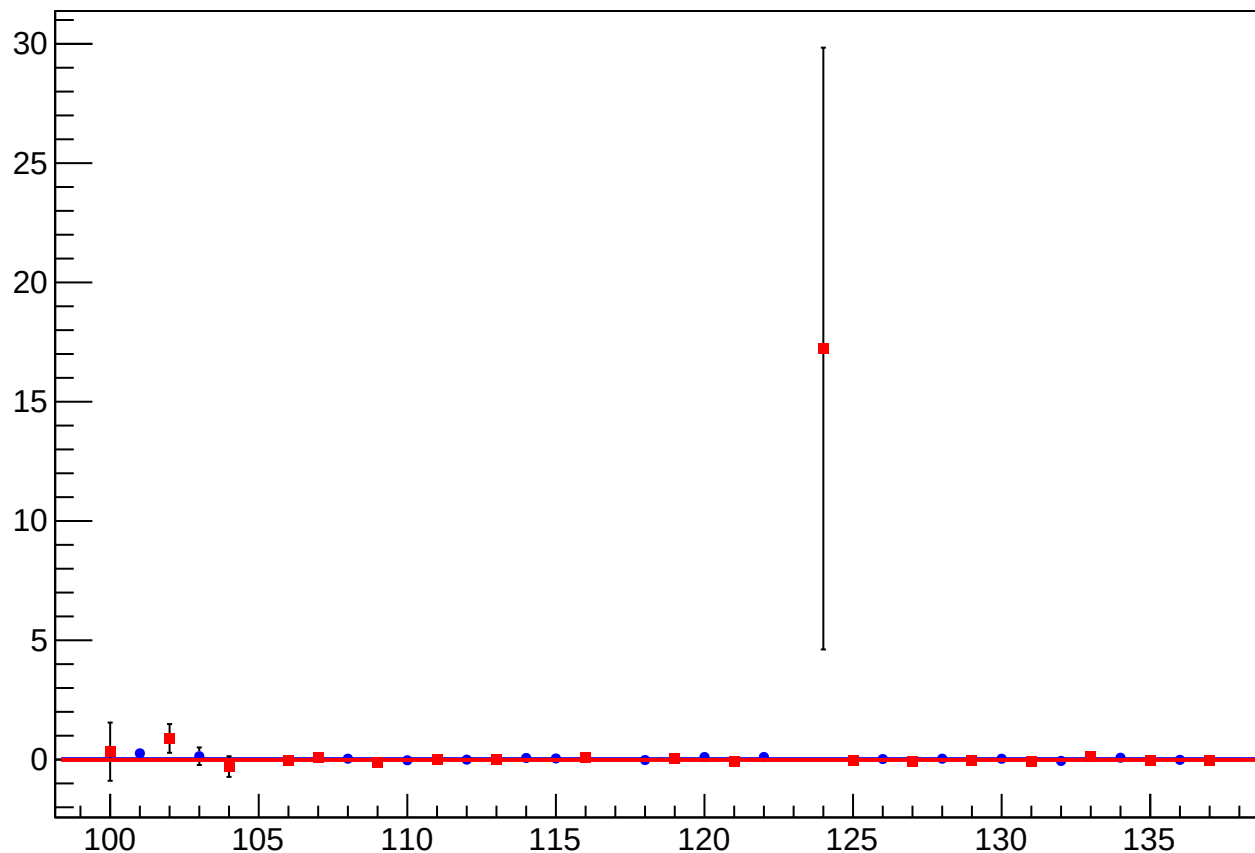
Right: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.017 $\pm$ 0.015 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.014 $\pm$ 0.016 χ^2 /NDF: 16.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

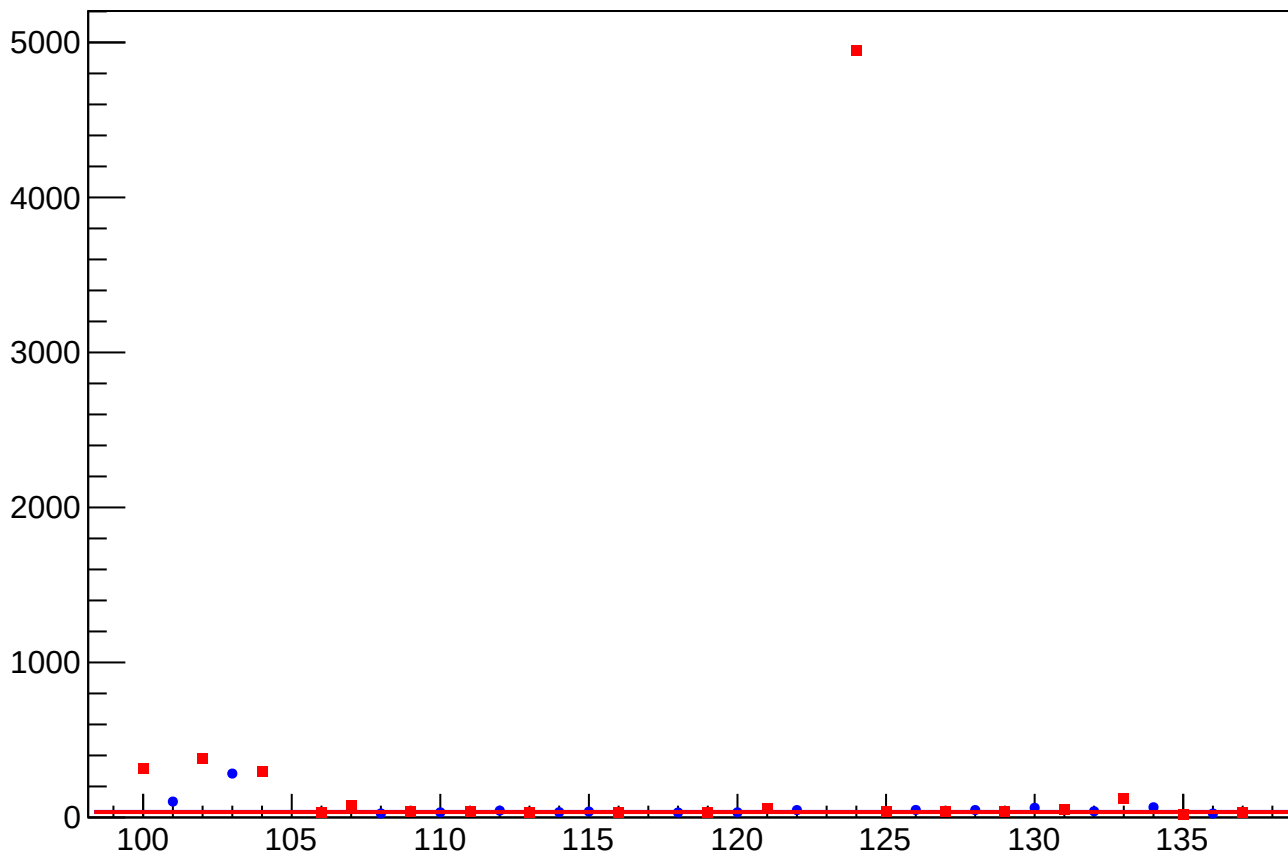
Right: 0.002 $\pm$ 0.011 χ^2 /NDF: 29.4/34

In: 0.017 $\pm$ 0.015 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.002 $\pm$ 0.011 χ^2 /NDF: 29.4/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.798+/-0.011 χ^2/NDF : 2913962.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

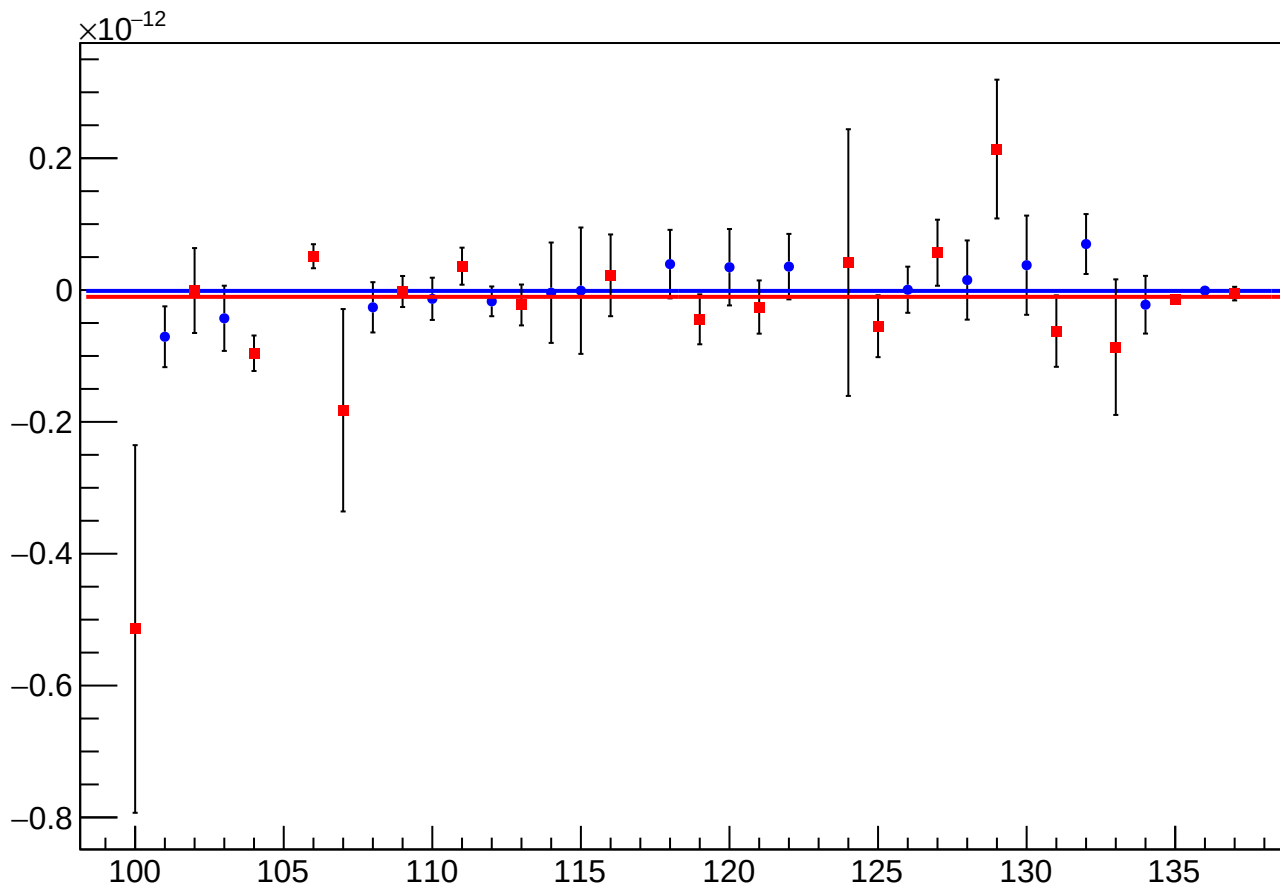
Right: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.276+/-0.008 χ^2/NDF : 5182182.2/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 8.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 39.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

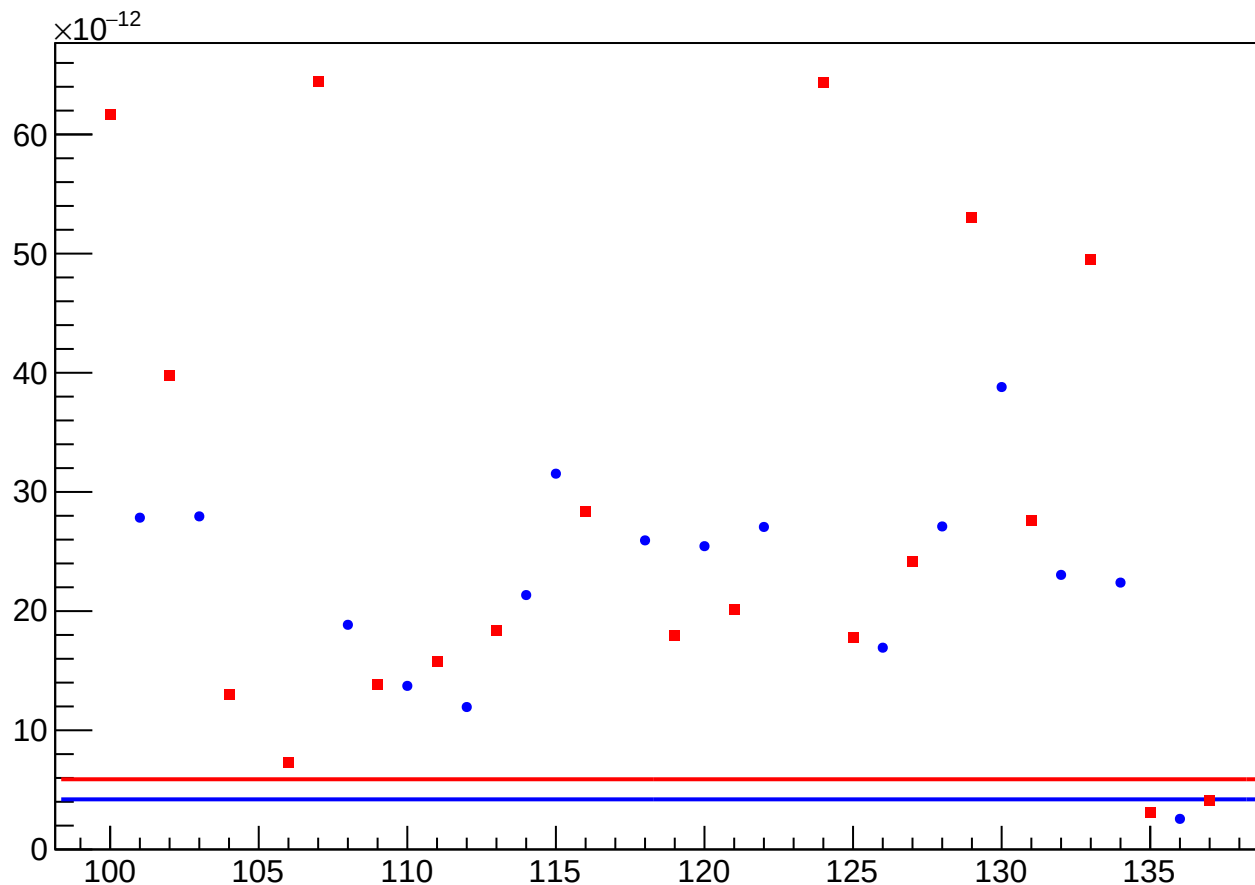
Right: -0.000 ± 0.000 χ^2/NDF : 51.3/34

In: -0.000 ± 0.000 χ^2/NDF : 8.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 51.3/34

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5080225.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4860861.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

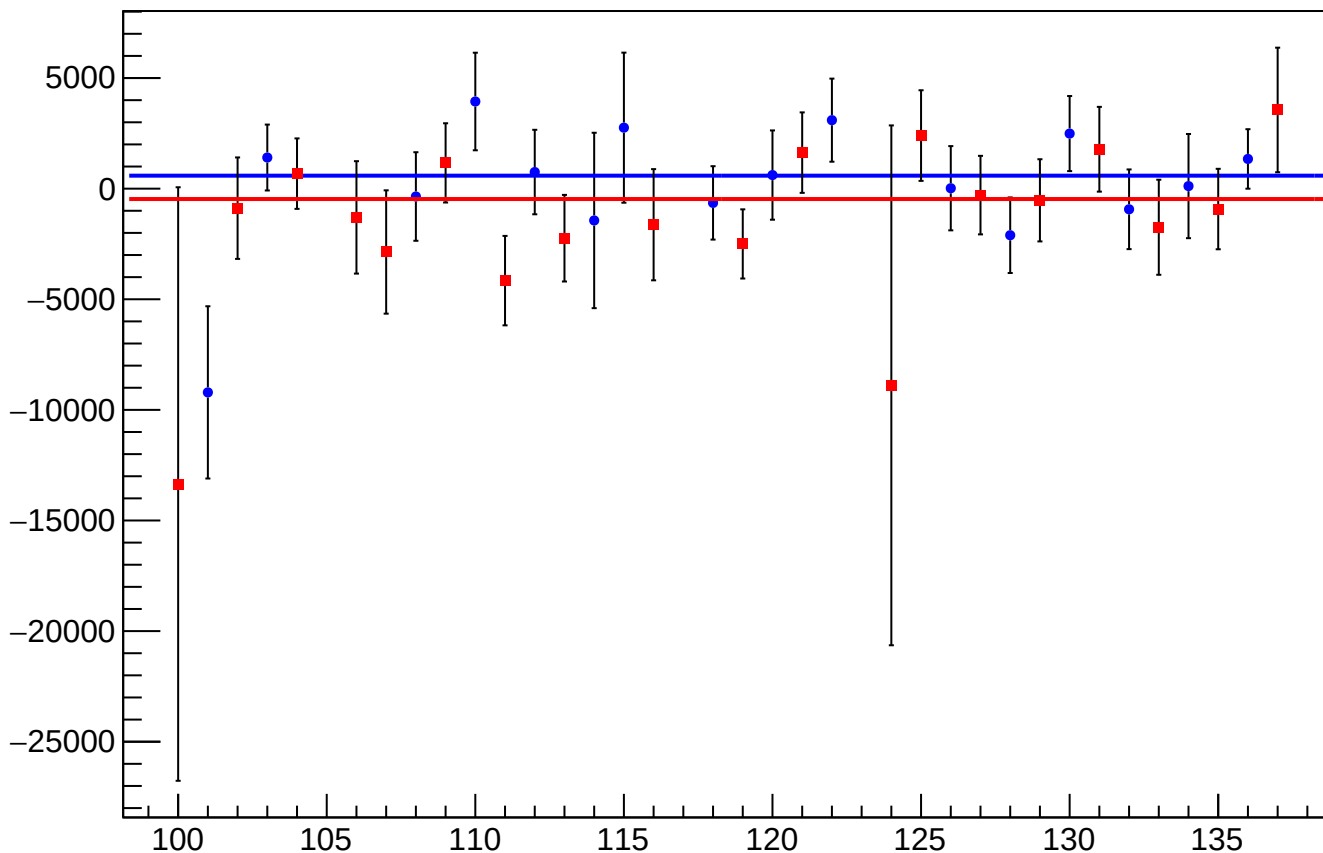
Right: 0.000+/-0.000 χ^2/NDF : 10135954.8/34

In: 0.000+/-0.000 χ^2/NDF : 5080225.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 10135954.8/34

reg_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -469.012+/-480.516 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

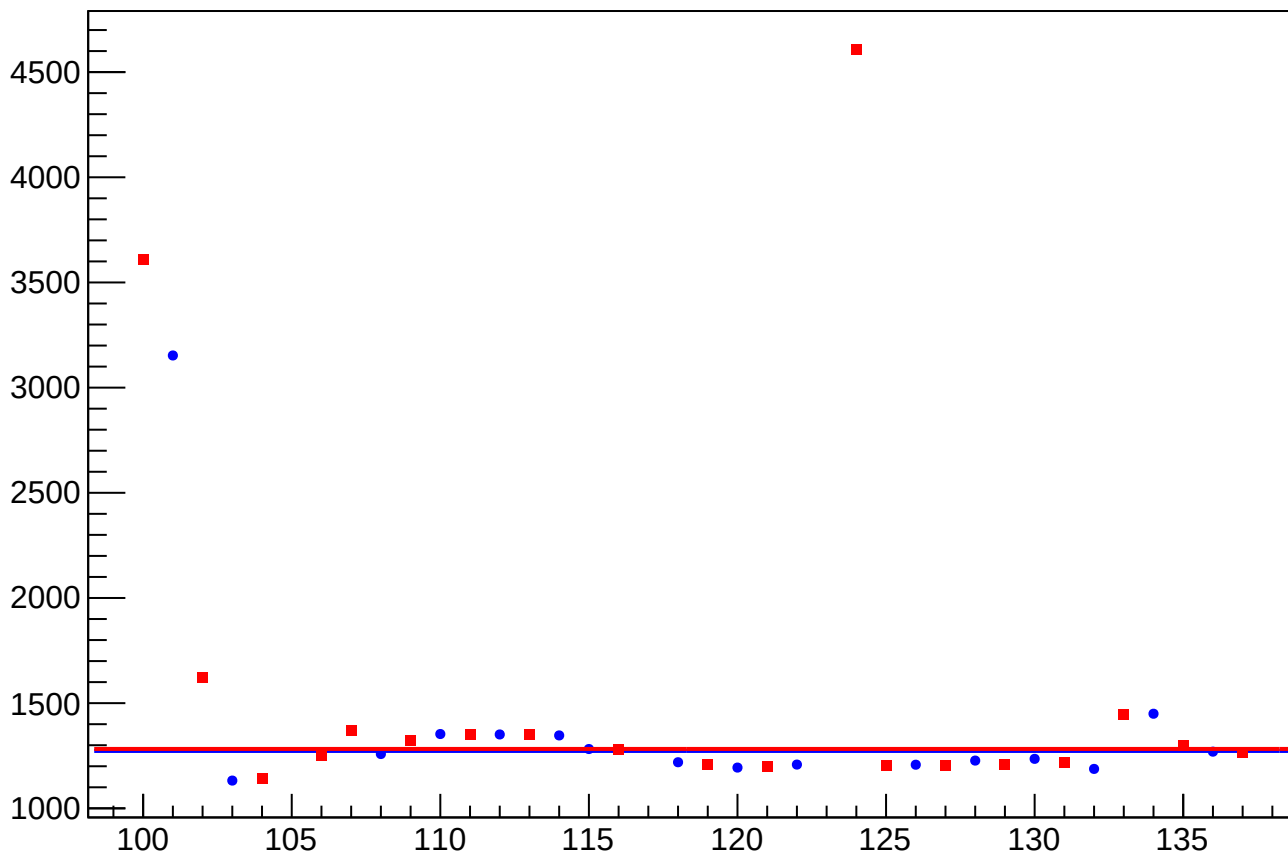
Right: 56.858+/-340.452 χ^2/NDF : 36.3/34

In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.858+/-340.452 χ^2/NDF : 36.3/34

reg_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2 /NDF: 519298.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1282.365+/-0.340 χ^2 /NDF: 322078.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

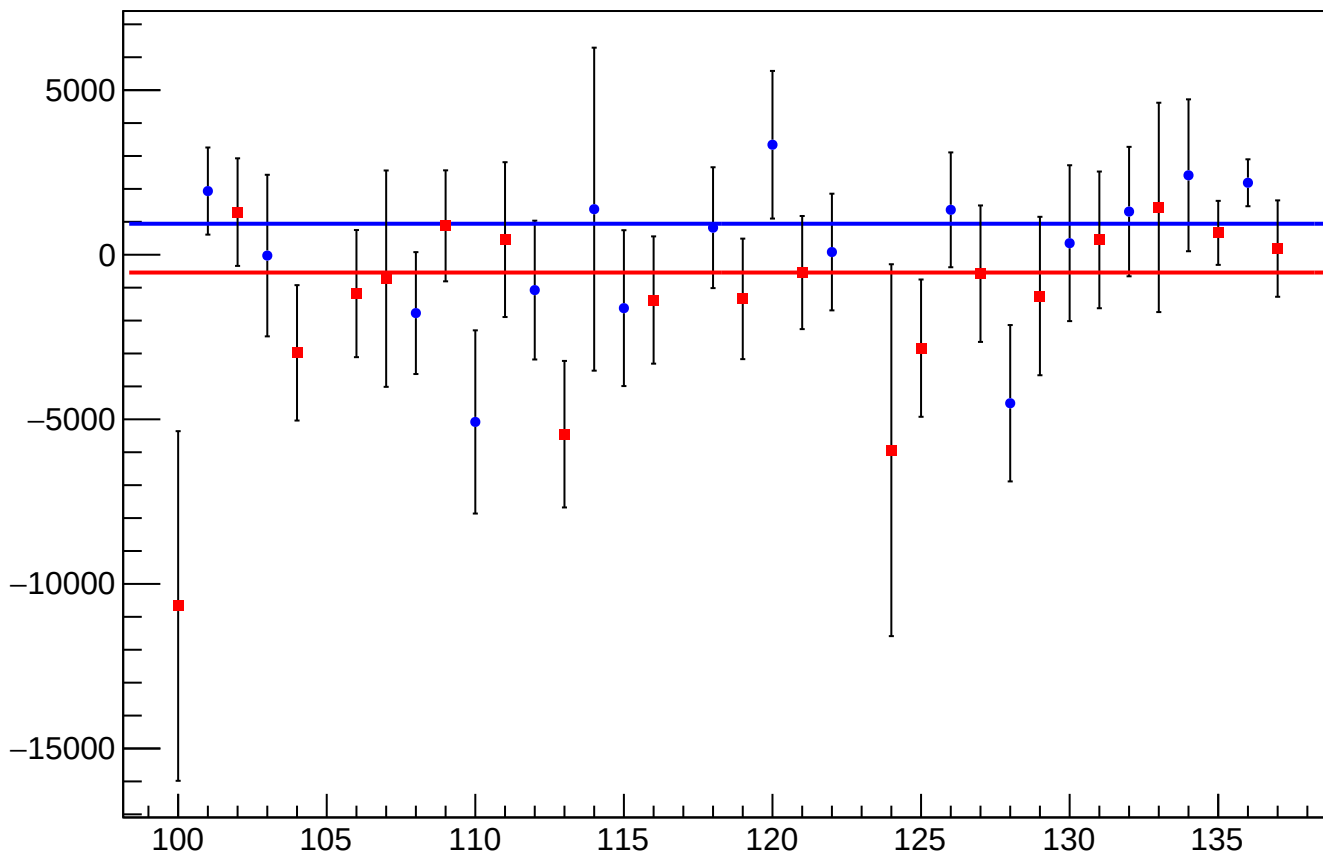
Right: 1277.604+/-0.241 χ^2 /NDF: 841771.1/34

In: 1272.804+/-0.341 χ^2 /NDF:519298.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1277.604+/-0.241 χ^2 /NDF: 841771.1/34

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 941.759 ± 425.837 χ^2/NDF : 19.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -540.622 ± 439.905 χ^2/NDF : 17.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

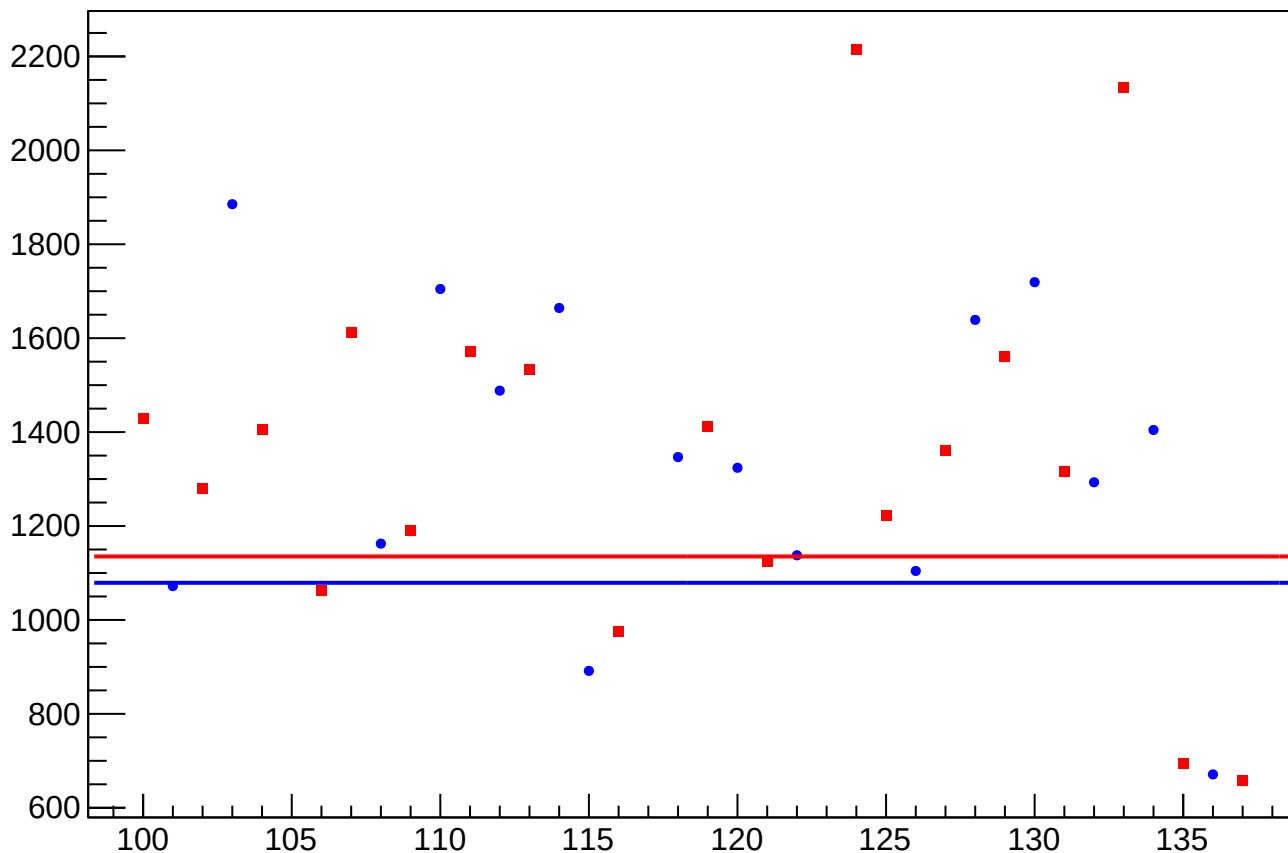
Right: 224.651 ± 305.965 χ^2/NDF : 42.9/34

In: 941.759 ± 425.837 χ^2/NDF : 19.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 224.651 ± 305.965 χ^2/NDF : 42.9/34

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1079.120+/-0.301 χ^2/NDF : 1482232.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1135.161+/-0.311 χ^2/NDF : 1293082.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

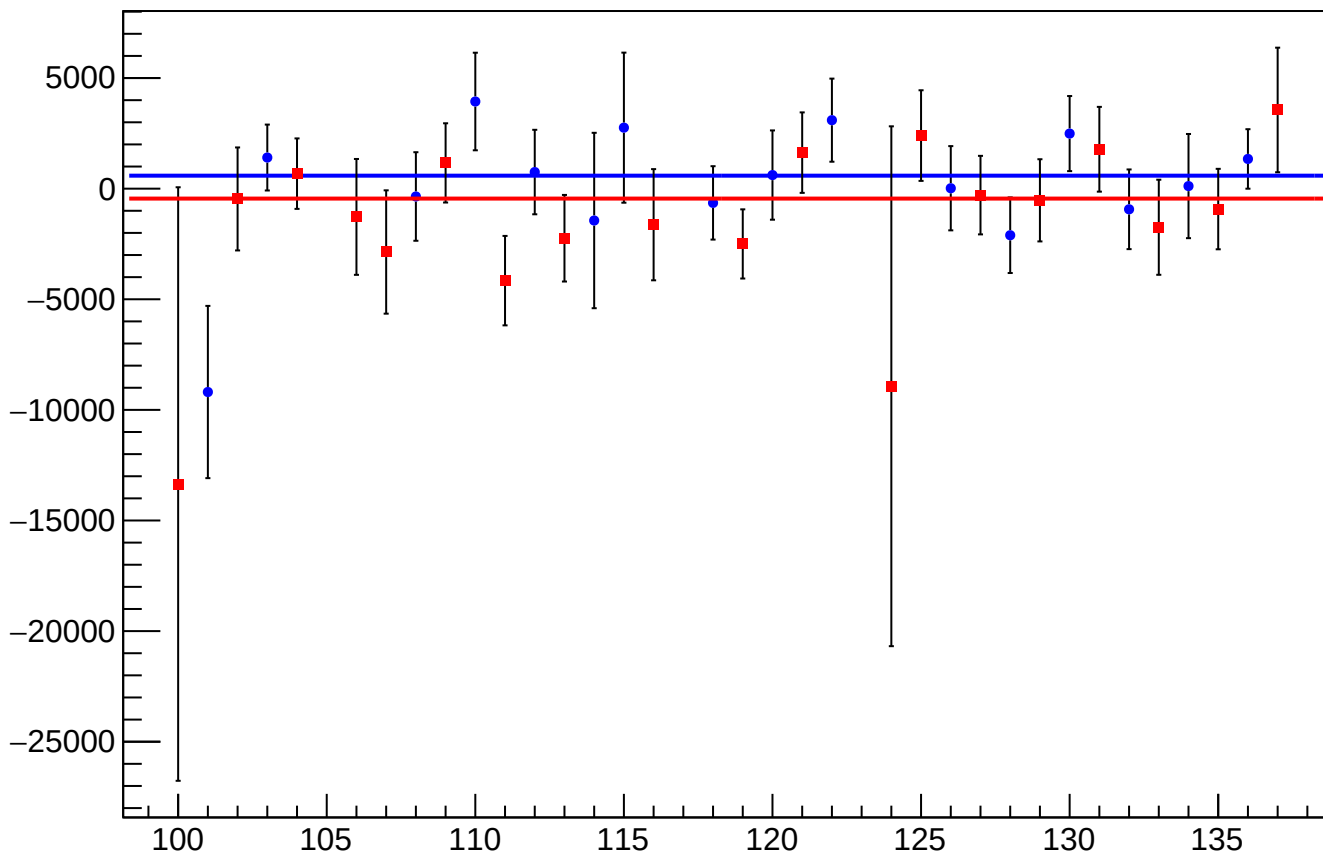
Right: 1106.230+/-0.216 χ^2/NDF : 2792070.7/34

In: 1079.120+/-0.301 χ^2/NDF :1482232.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1106.230+/-0.216 χ^2/NDF : 2792070.7/34

cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.412+/-481.333 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

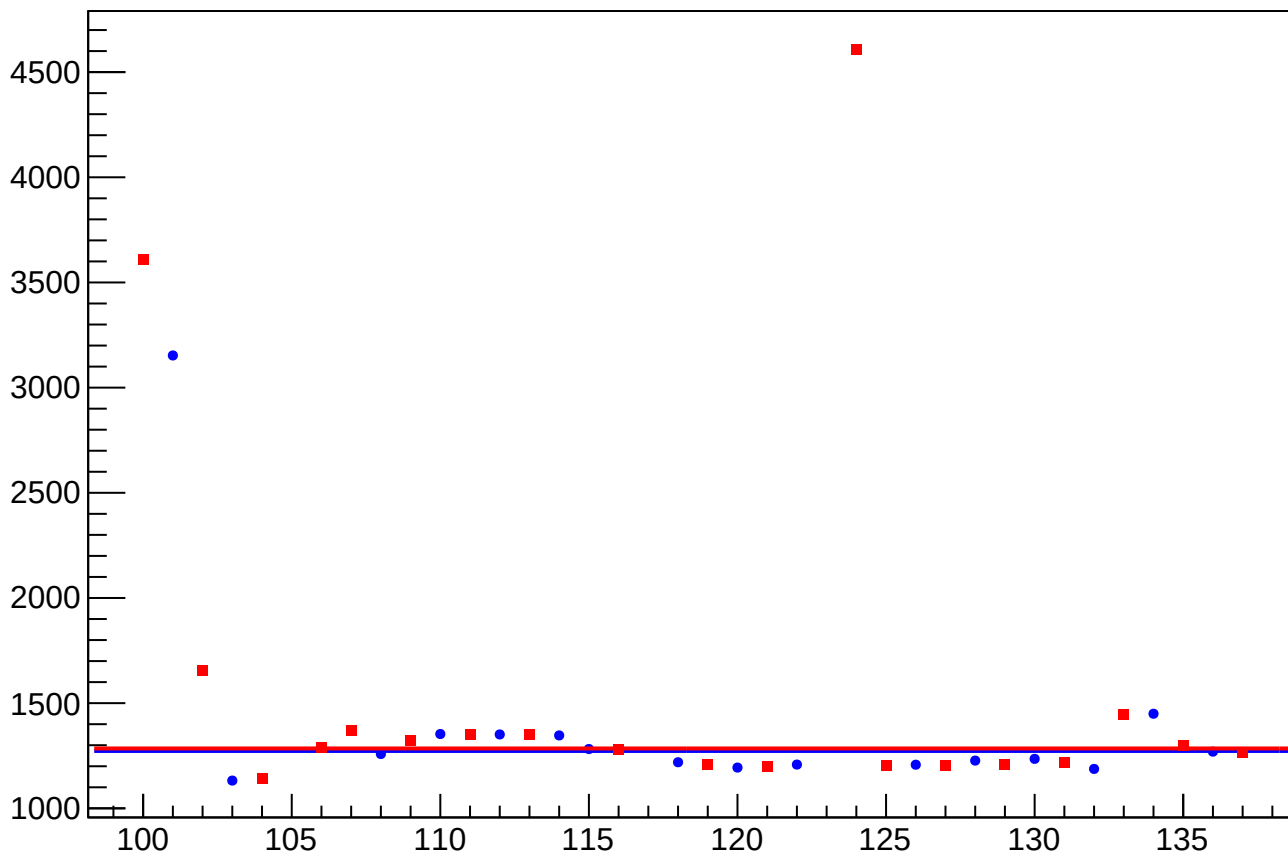
Right: 68.238+/-340.742 χ^2/NDF : 36.2/34

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.238+/-340.742 χ^2/NDF : 36.2/34

cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.654+/-0.340 χ^2/NDF : 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

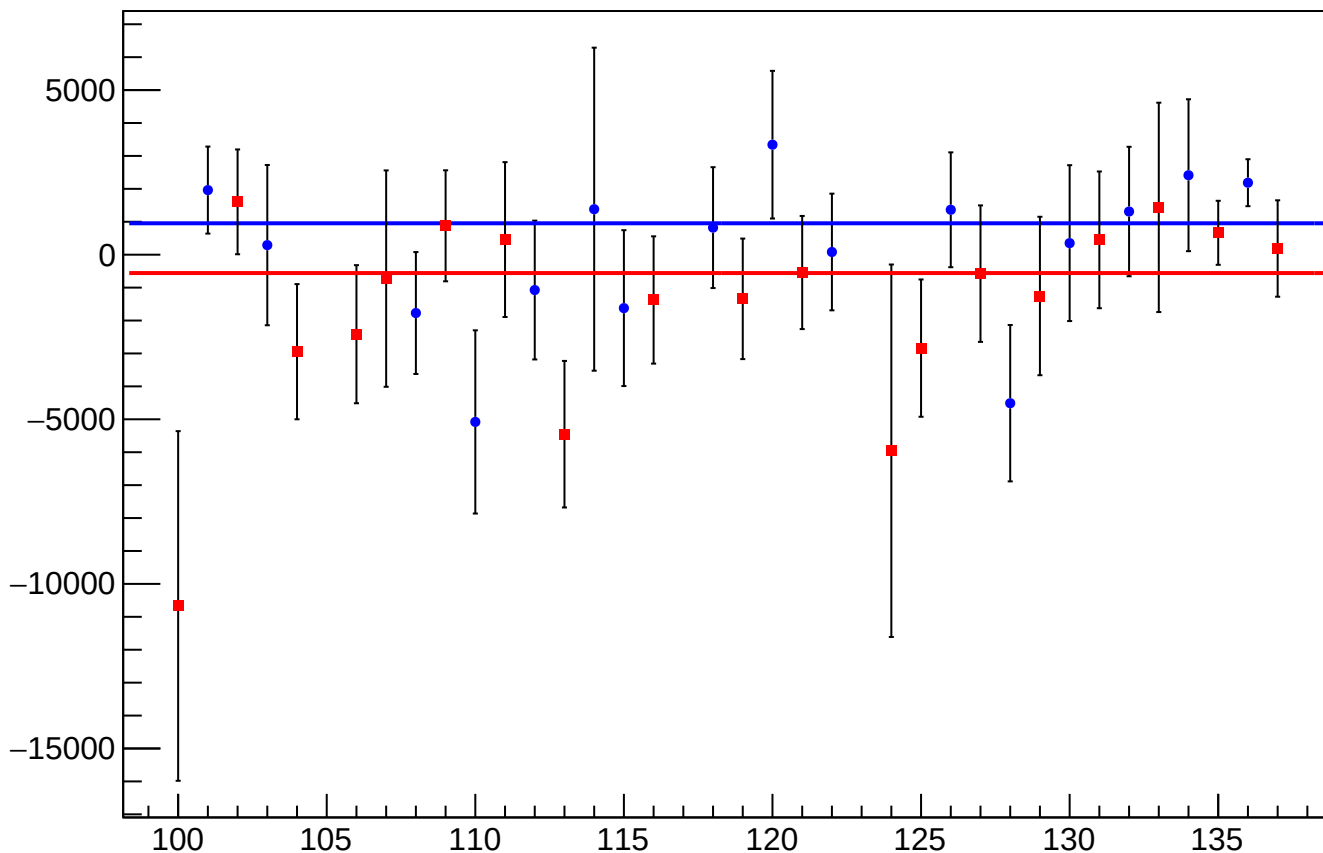
Right: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146 $\pm$ 425.660 χ^2 /NDF: 19.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -557.935 $\pm$ 440.758 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

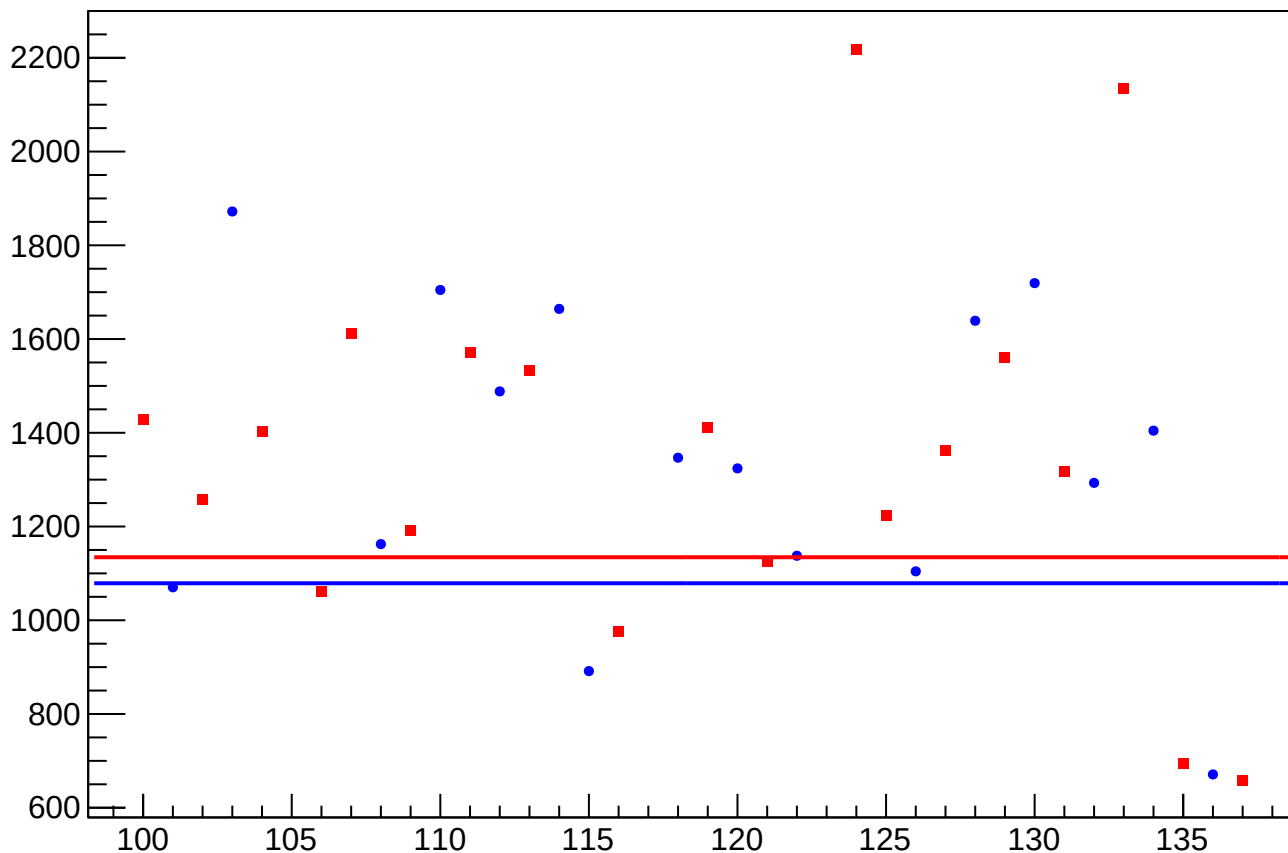
Right: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

In: 954.146 $\pm$ 425.660 χ^2 /NDF:19.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1078.932+/-0.301 χ^2 /NDF: 1478719.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1134.428+/-0.312 χ^2 /NDF: 1288899.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

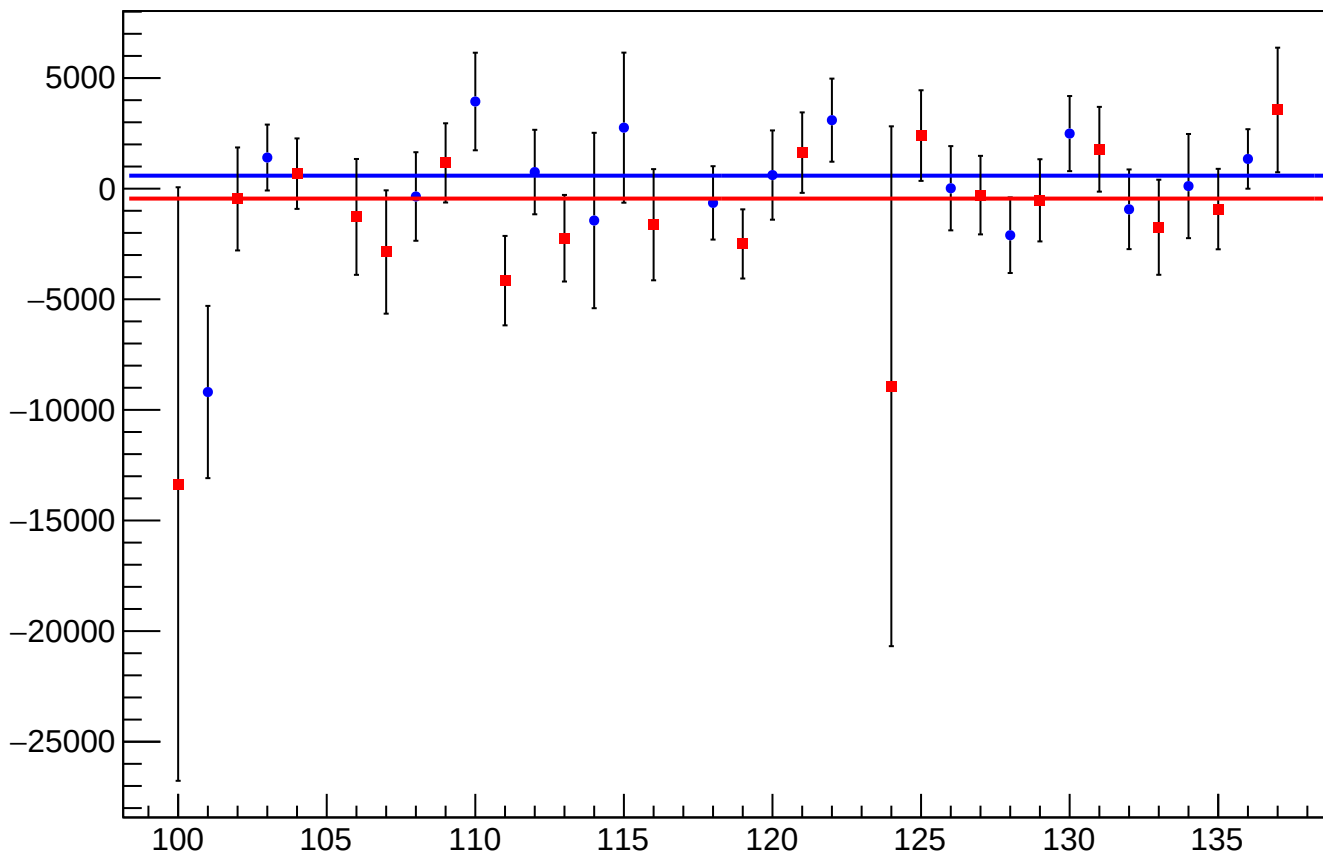
Right: 1105.713+/-0.217 χ^2 /NDF: 2784024.9/34

In: 1078.932+/-0.301 χ^2 /NDF:1478719.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1105.713+/-0.217 χ^2 /NDF: 2784024.9/34

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -448.412+/-481.333 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

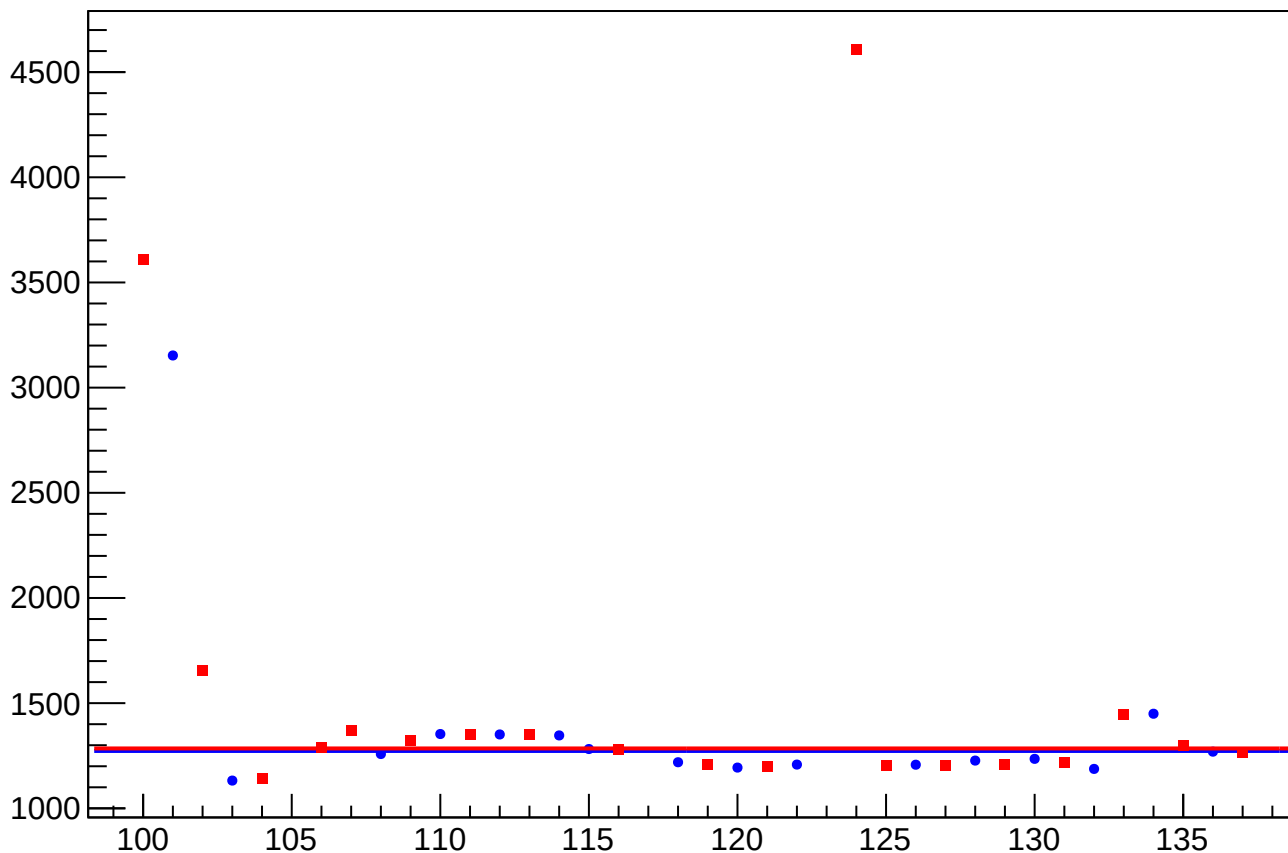
Right: 68.238+/-340.742 χ^2/NDF : 36.2/34

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.238+/-340.742 χ^2/NDF : 36.2/34

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1284.654+/-0.340 χ^2/NDF : 328734.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

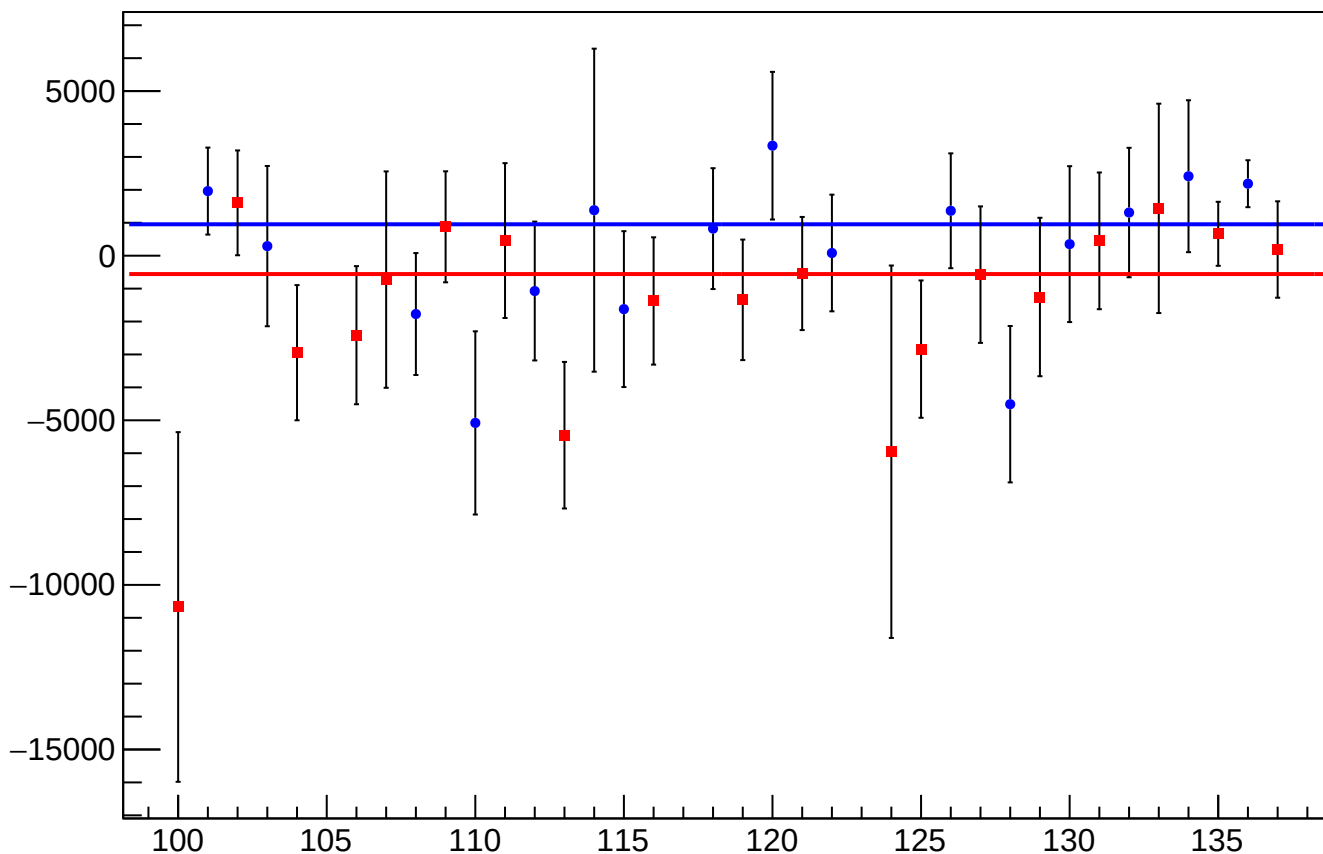
Right: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.743+/-0.241 χ^2/NDF : 848639.3/34

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146 $\pm$ 425.660 χ^2 /NDF: 19.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -557.935 $\pm$ 440.758 χ^2 /NDF: 18.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

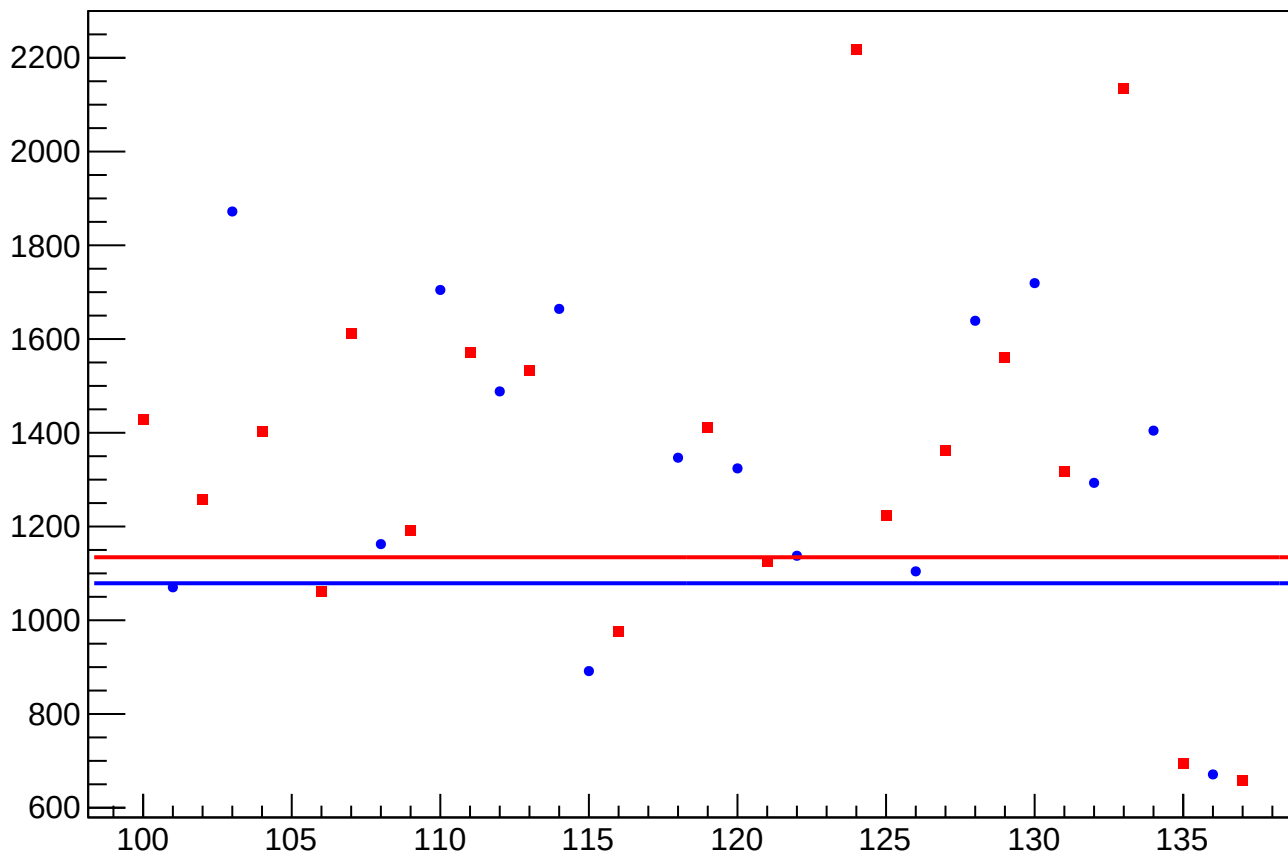
Right: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

In: 954.146 $\pm$ 425.660 χ^2 /NDF:19.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 224.446 $\pm$ 306.186 χ^2 /NDF: 44.3/34

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1078.932 $\pm$ 0.301 χ^2 /NDF: 1478719.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1134.428 $\pm$ 0.312 χ^2 /NDF: 1288899.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

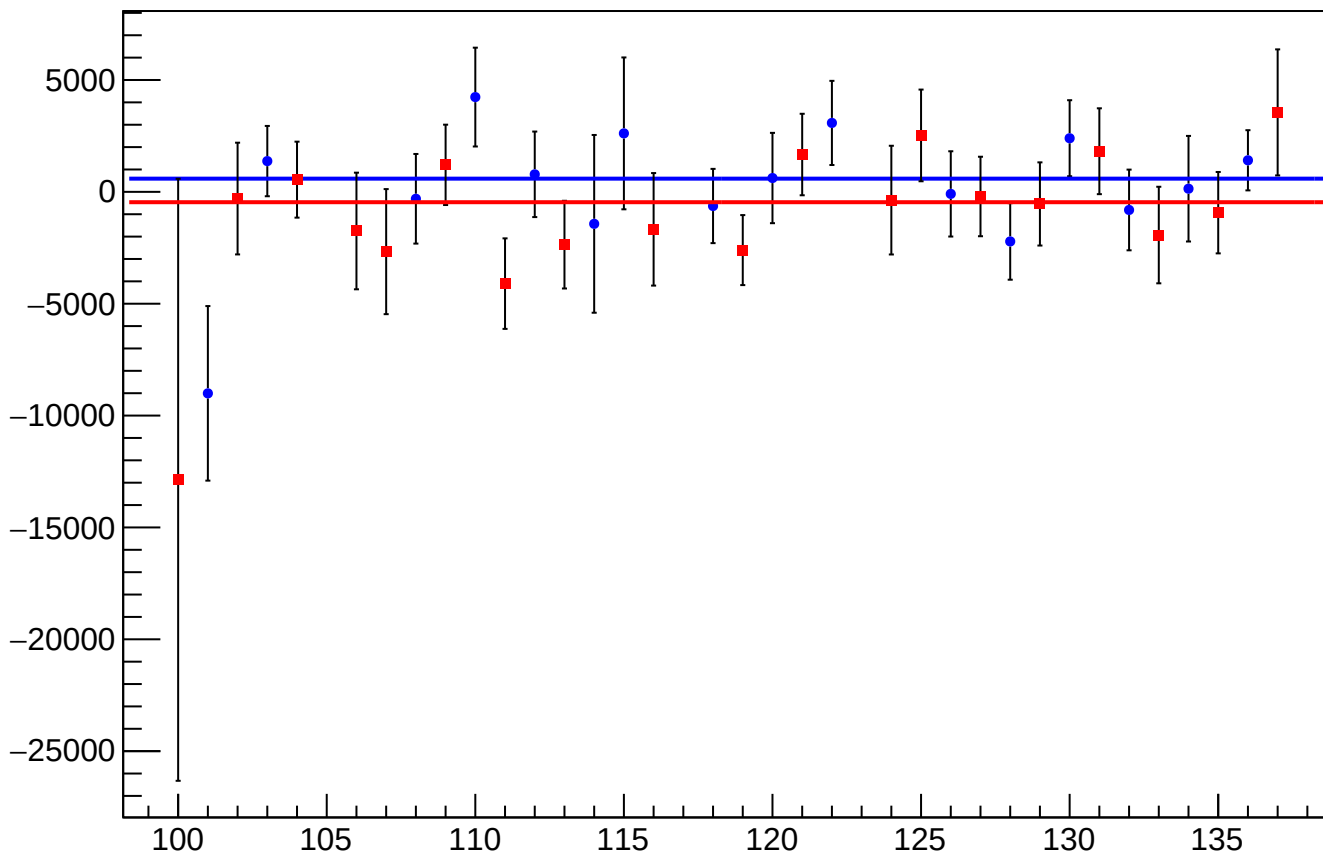
Right: 1105.713 $\pm$ 0.217 χ^2 /NDF: 2784024.9/34

In: 1078.932 $\pm$ 0.301 χ^2 /NDF:1478719.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1105.713 $\pm$ 0.217 χ^2 /NDF: 2784024.9/34

dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 590.322 $\pm$ 485.483 χ^2 /NDF: 17.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -462.606 $\pm$ 476.795 χ^2 /NDF: 16.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

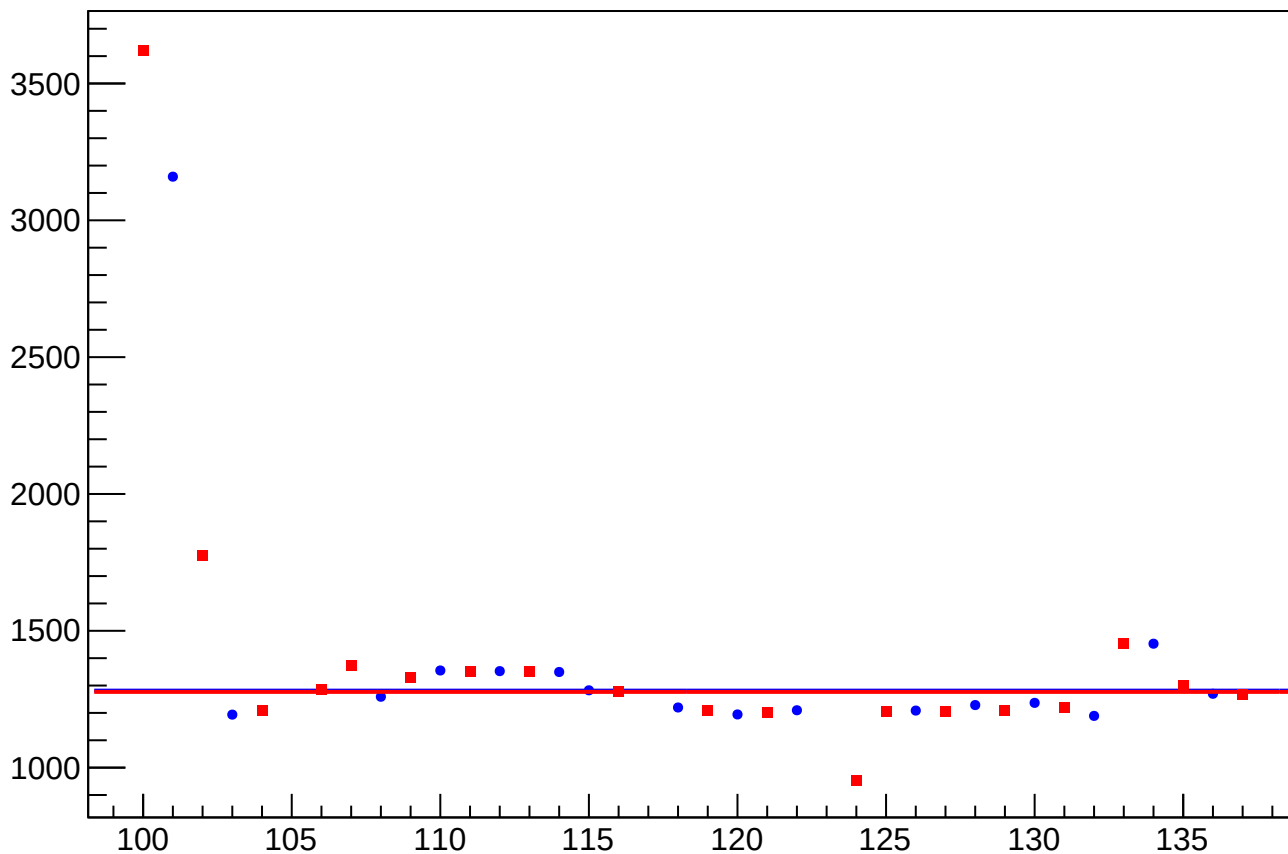
Right: 54.353 $\pm$ 340.175 χ^2 /NDF: 36.2/34

In: 590.322 $\pm$ 485.483 χ^2 /NDF:17.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.353 $\pm$ 340.175 χ^2 /NDF: 36.2/34

dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1281.369+/-0.343 χ^2/NDF : 507078.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.860+/-0.337 χ^2/NDF : 220513.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

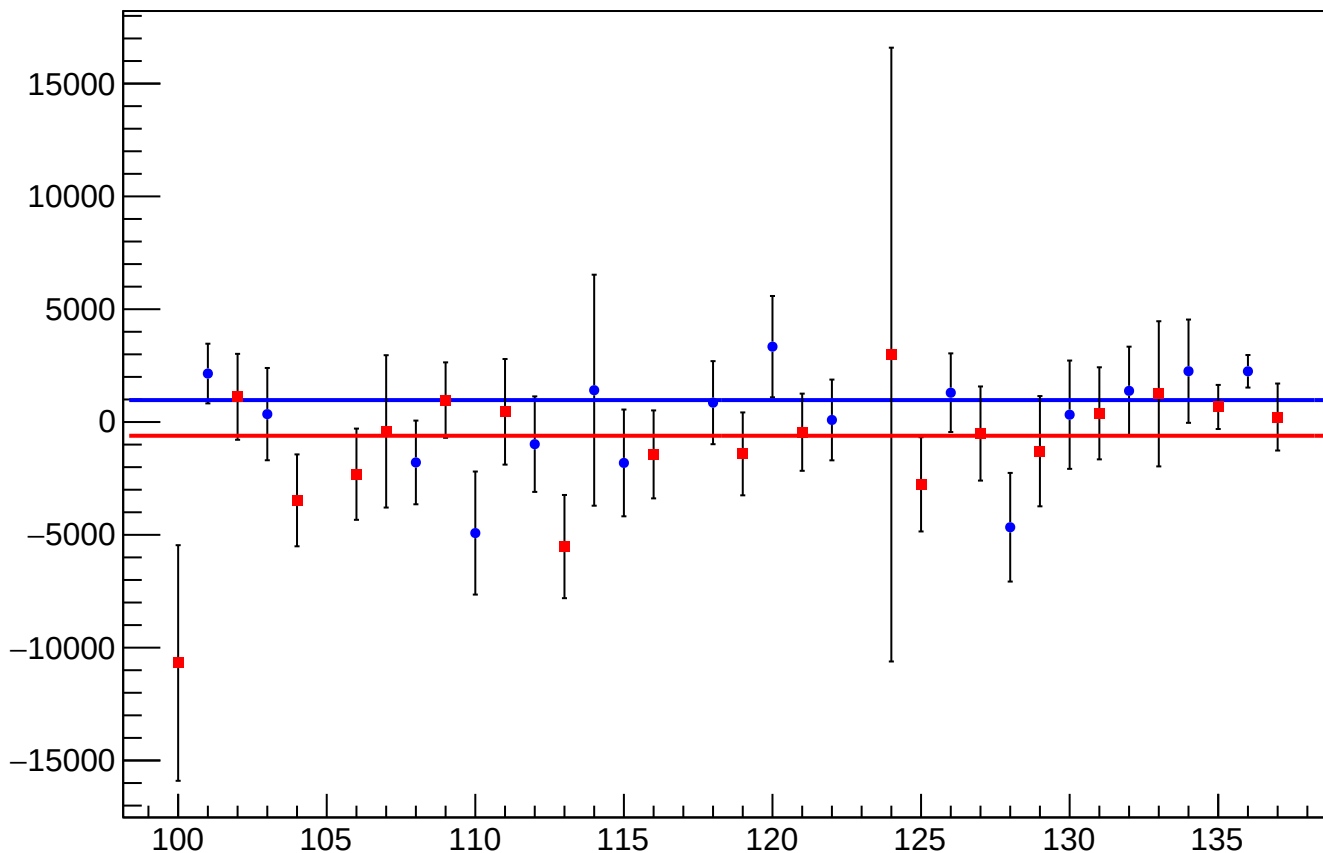
Right: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

In: 1281.369+/-0.343 χ^2/NDF : 507078.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 972.287+/-425.219 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -608.431+/-447.734 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

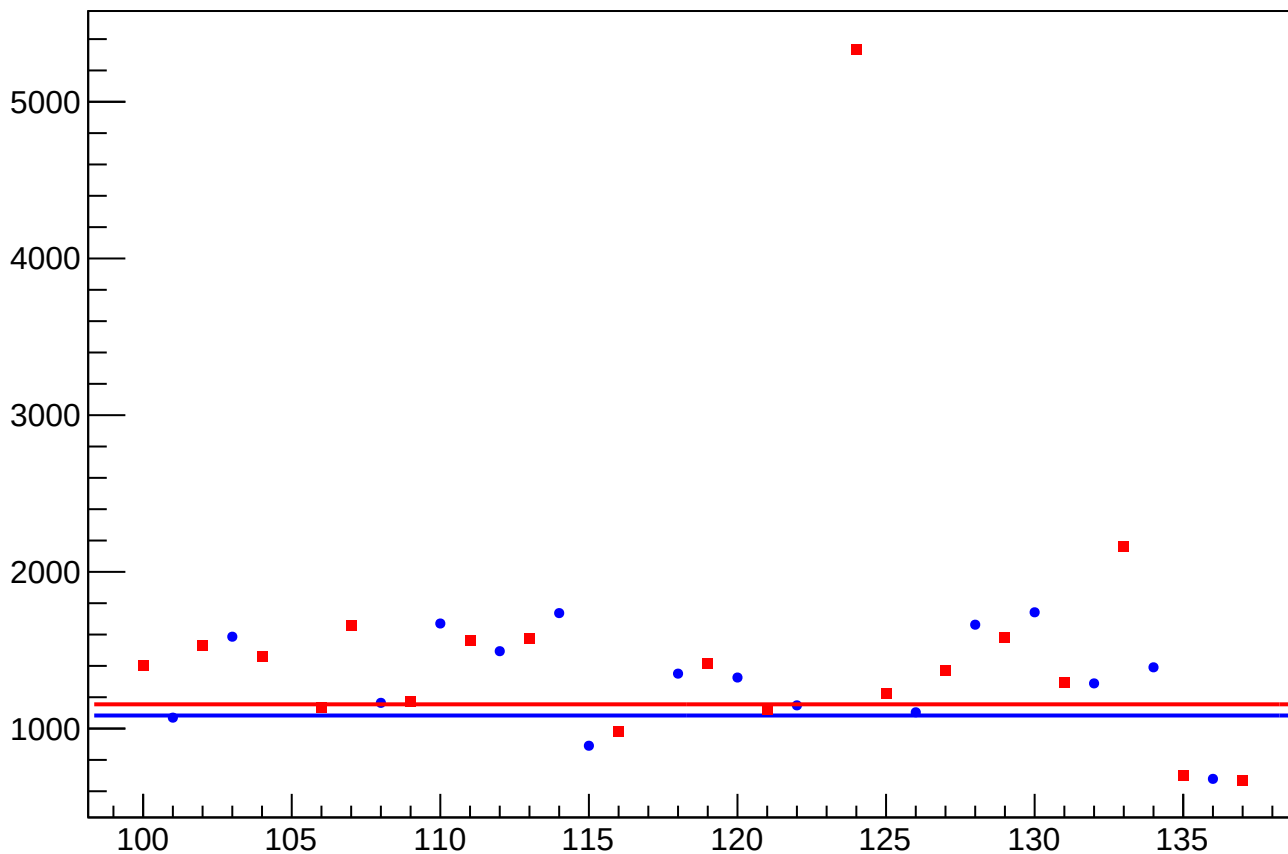
Right: 222.671+/-308.328 χ^2/NDF : 44.1/34

In: 972.287+/-425.219 χ^2/NDF :20.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.671+/-308.328 χ^2/NDF : 44.1/34

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.335+/-0.301 χ^2/NDF : 1360153.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1154.724+/-0.317 χ^2/NDF : 1488304.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

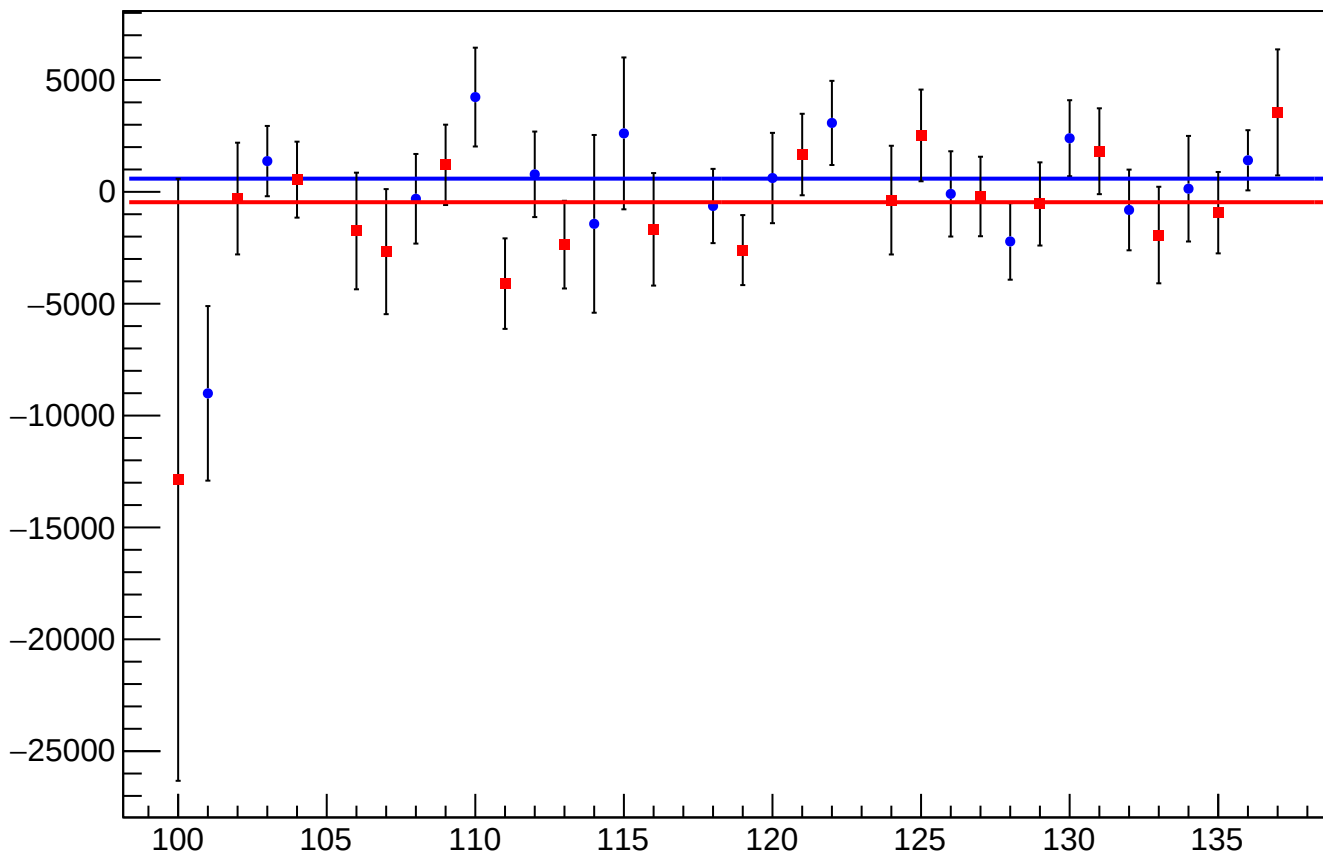
Right: 1117.189+/-0.218 χ^2/NDF : 2875191.7/34

In: 1083.335+/-0.301 χ^2/NDF : 1360153.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1117.189+/-0.218 χ^2/NDF : 2875191.7/34

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 590.323+/-485.483 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -462.605+/-476.795 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

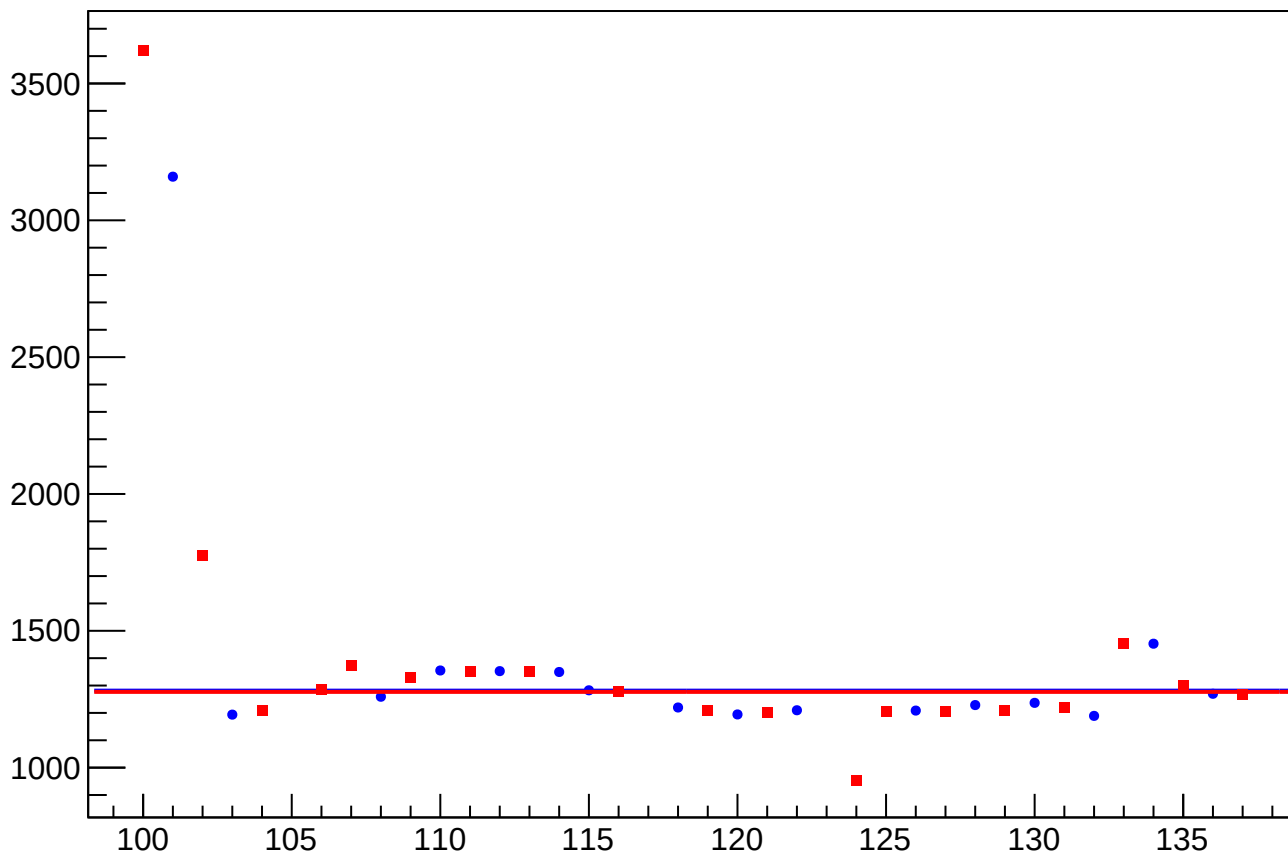
Right: 54.354+/-340.175 χ^2/NDF : 36.2/34

In: 590.323+/-485.483 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.354+/-340.175 χ^2/NDF : 36.2/34

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1281.369+/-0.343 χ^2/NDF : 507078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1276.860+/-0.337 χ^2/NDF : 220513.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

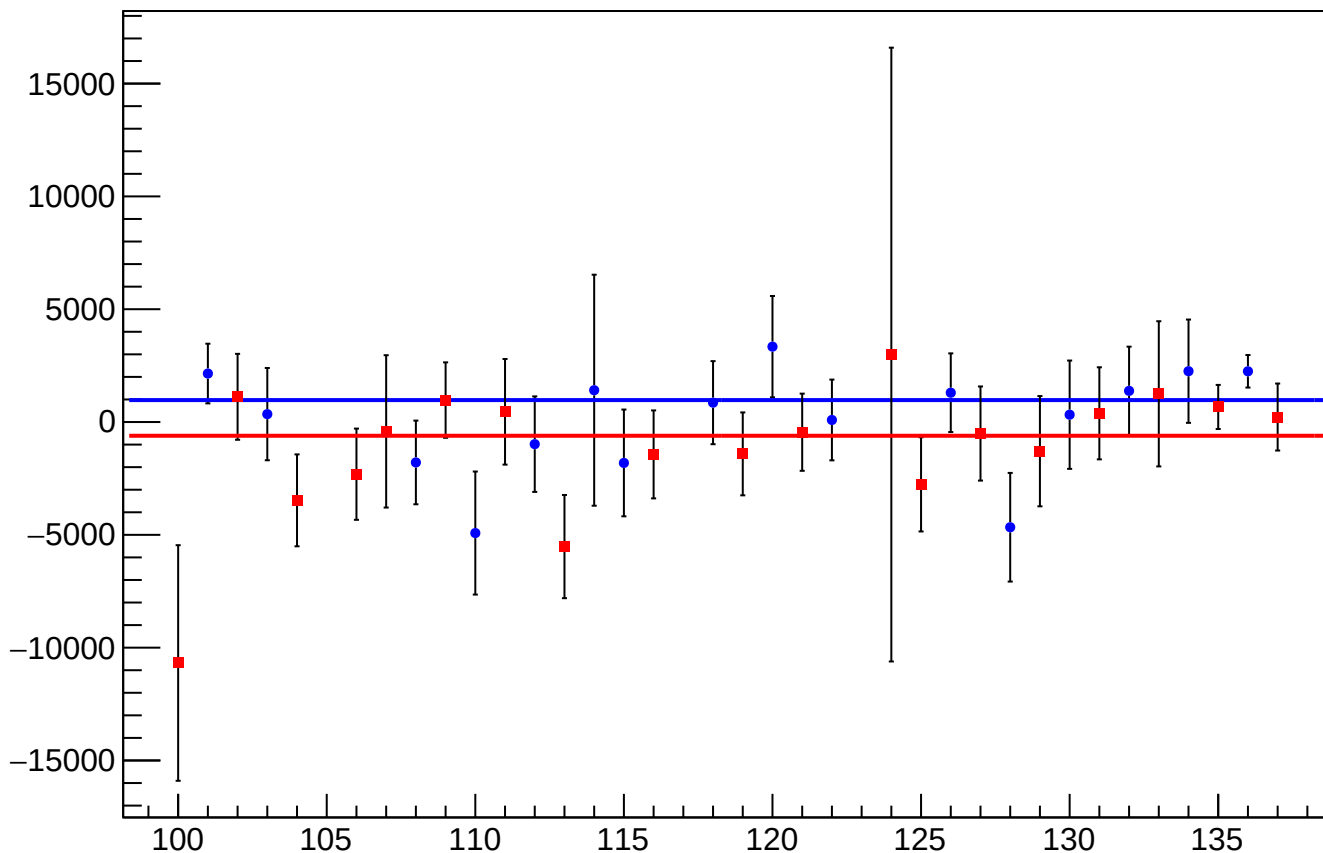
Right: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

In: 1281.369+/-0.343 χ^2/NDF : 507078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.074+/-0.241 χ^2/NDF : 727679.9/34

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 972.281+/-425.220 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -608.441+/-447.736 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

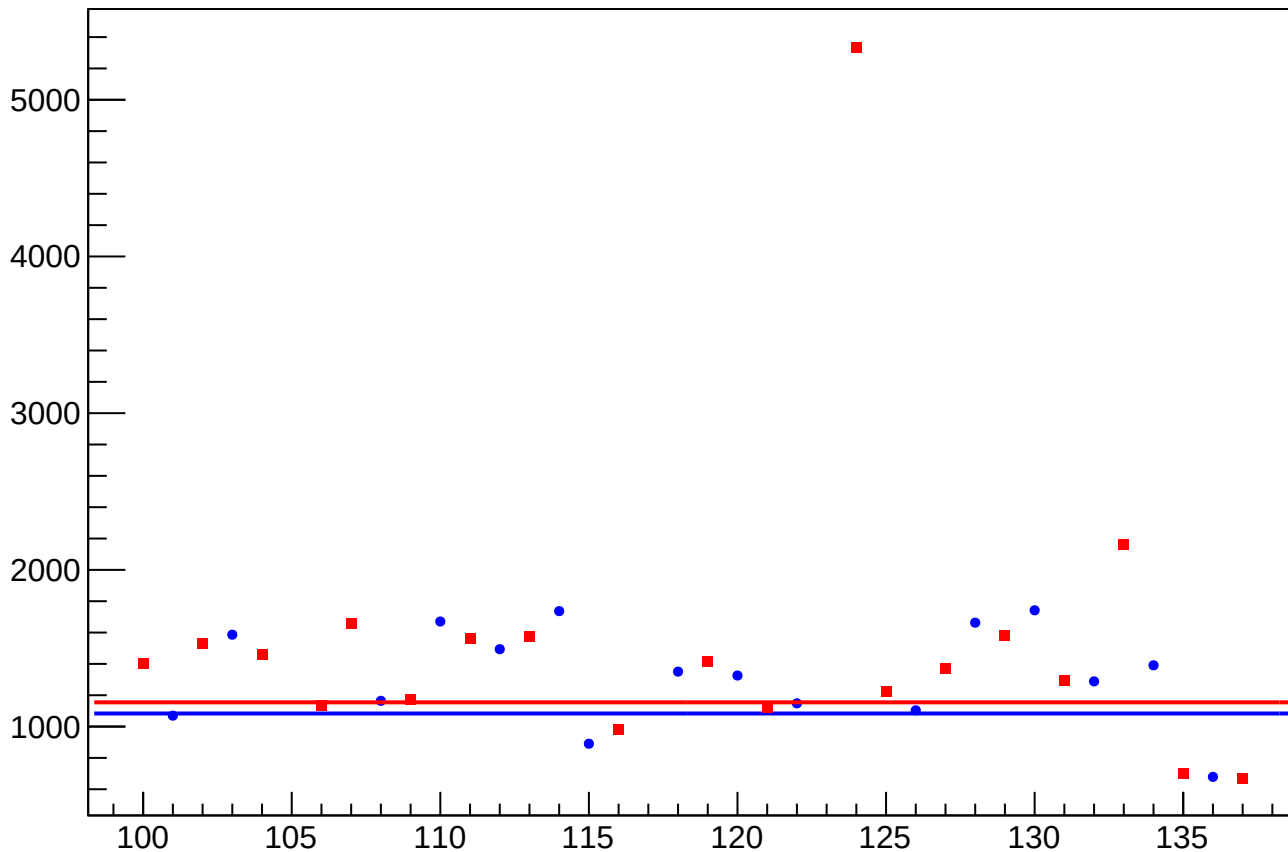
Right: 222.664+/-308.329 χ^2/NDF : 44.1/34

In: 972.281+/-425.220 χ^2/NDF :20.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.664+/-308.329 χ^2/NDF : 44.1/34

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1083.341+/-0.301 χ^2/NDF : 1360095.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1154.732+/-0.317 χ^2/NDF : 1488251.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

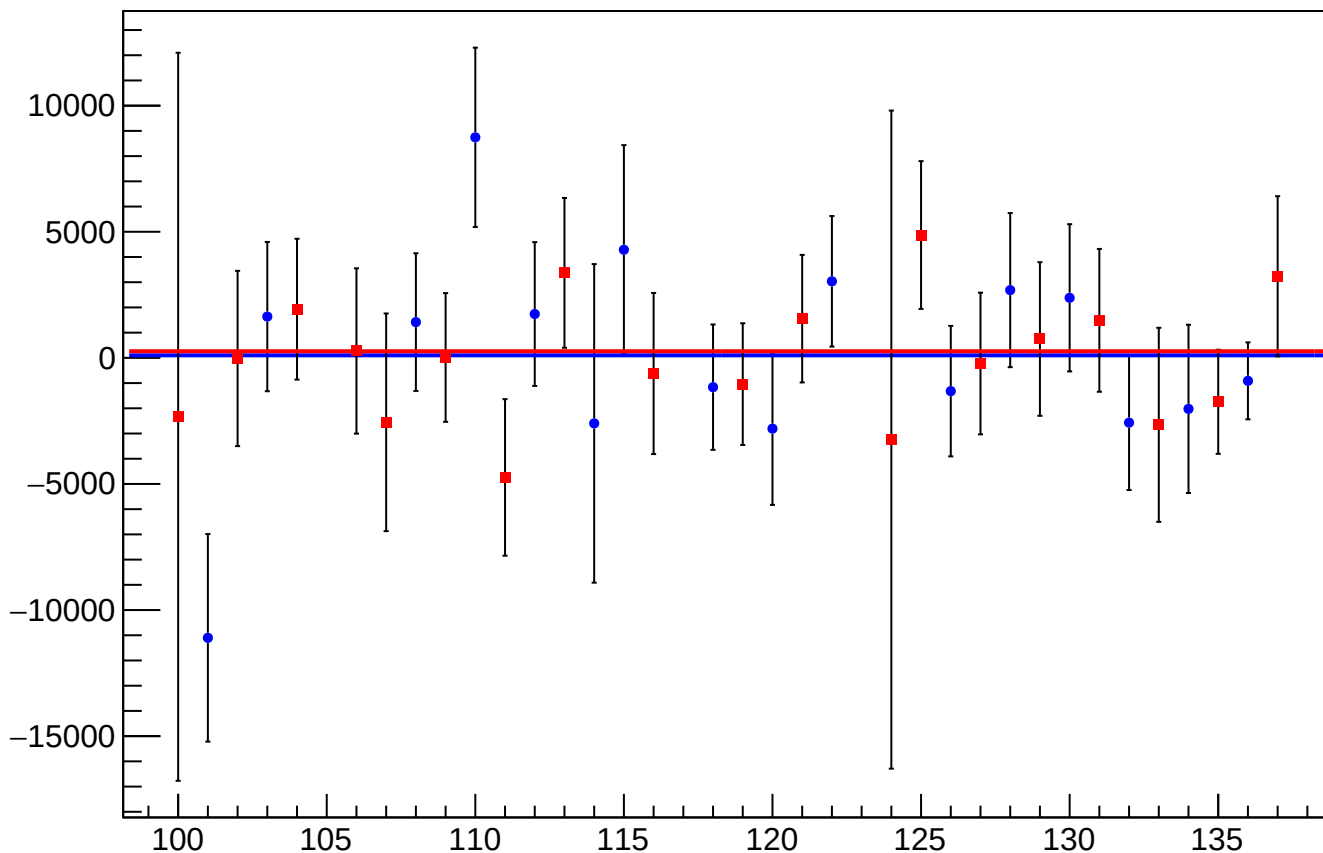
Right: 1117.196+/-0.218 χ^2/NDF : 2875081.4/34

In: 1083.341+/-0.301 χ^2/NDF :1360095.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1117.196+/-0.218 χ^2/NDF : 2875081.4/34

asym_at1_dd_at2_dd_avg_mean vs Slug, Sign Corrected



Right In: 100.451+/-698.983 χ^2/NDF : 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 262.731+/-699.724 χ^2/NDF : 10.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

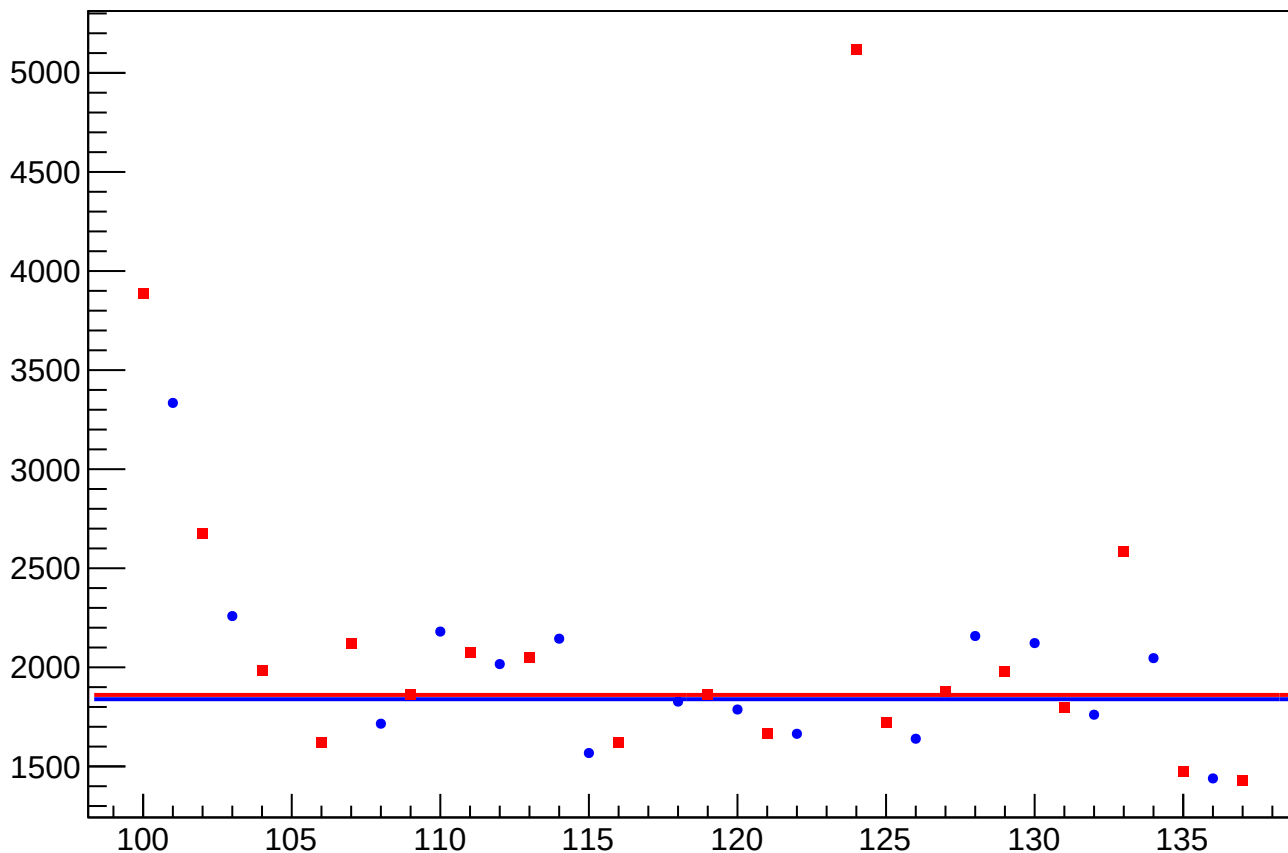
Right: 181.505+/-494.518 χ^2/NDF : 31.6/34

In: 100.451+/-698.983 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.505+/-494.518 χ^2/NDF : 31.6/34

asym_at1_dd_at2_dd_avg_rms vs Slug, Sign Corrected



Right In: 1839.113+/-0.494 χ^2/NDF : 556725.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1860.754+/-0.495 χ^2/NDF : 522114.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

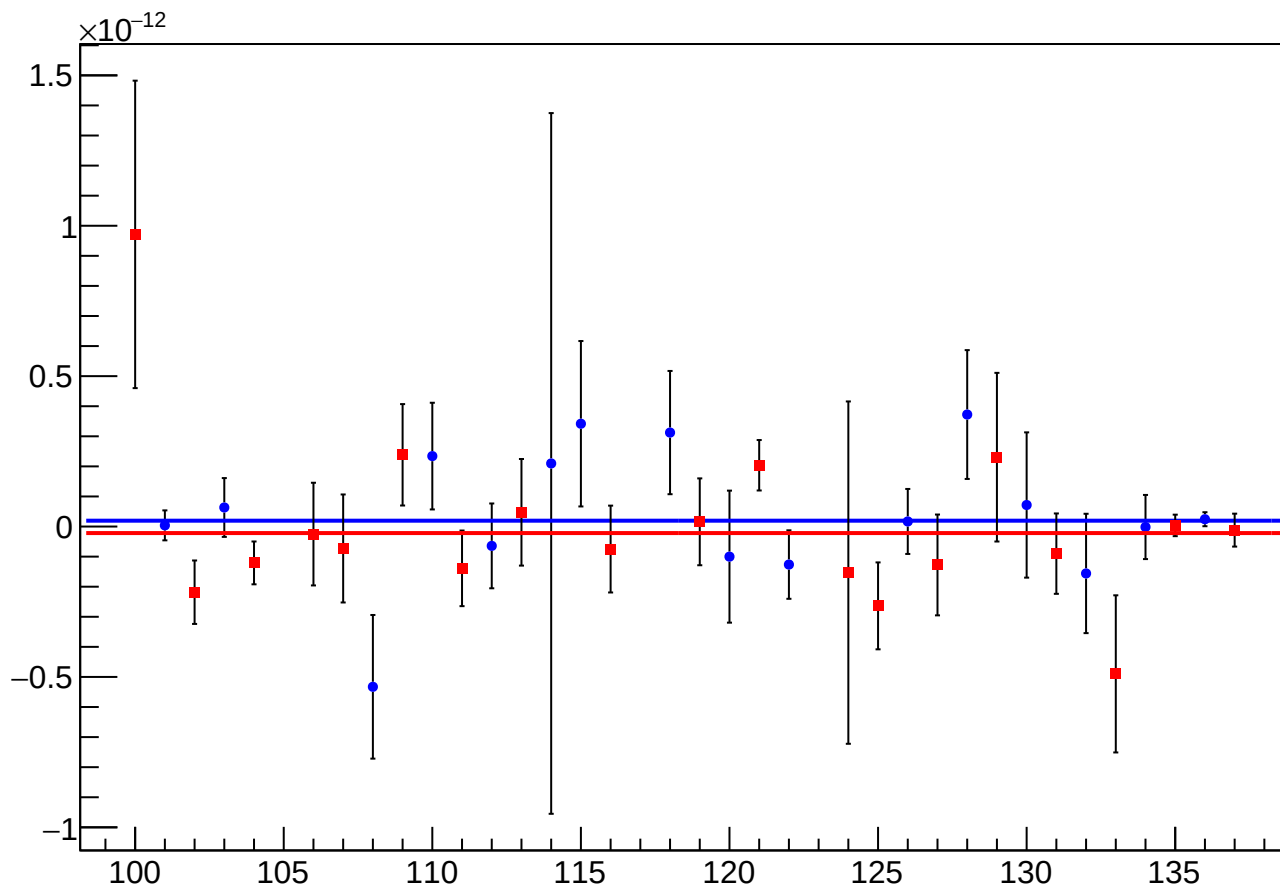
Right: 1849.922+/-0.350 χ^2/NDF : 1079797.1/34

In: 1839.113+/-0.494 χ^2/NDF :556725.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1849.922+/-0.350 χ^2/NDF : 1079797.1/34

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 28.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

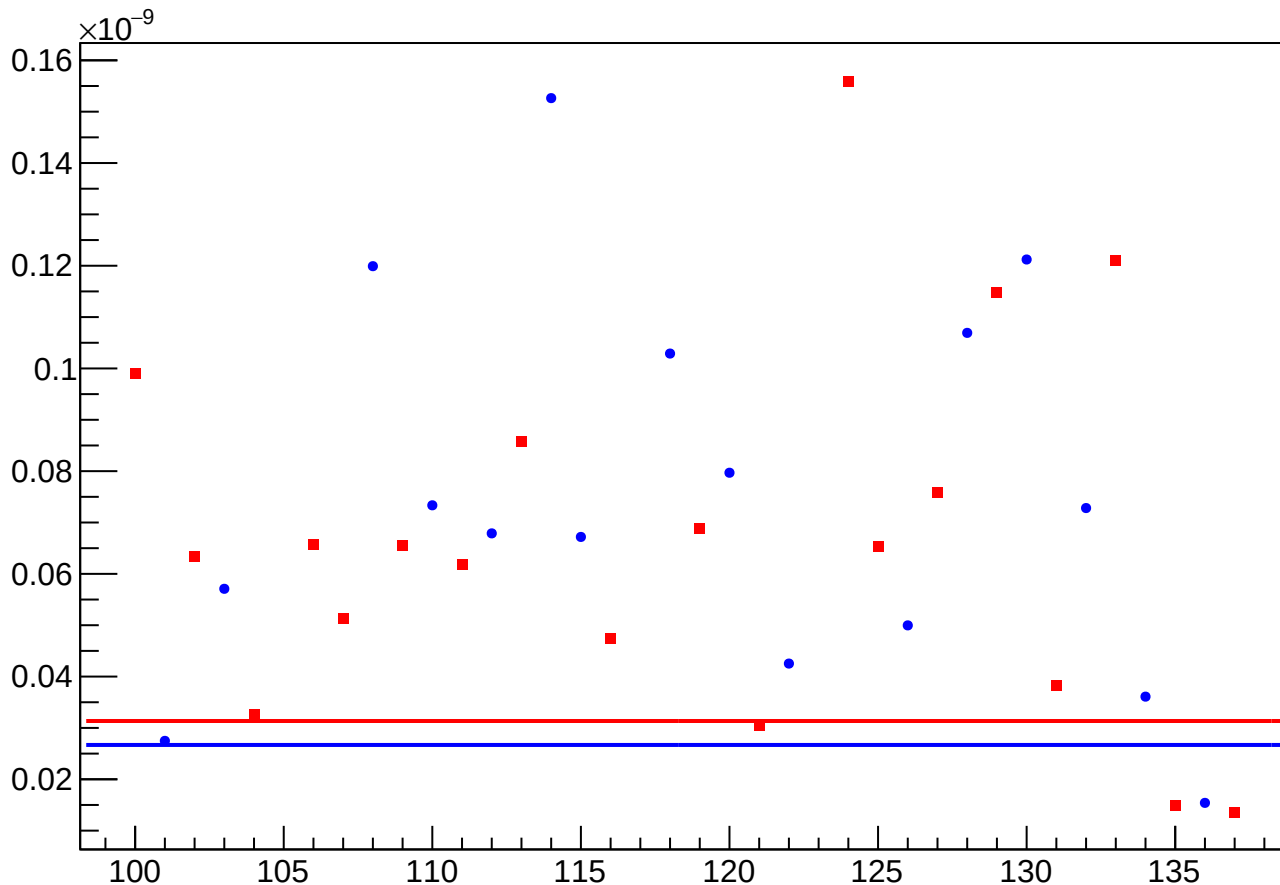
Right: 0.000+/-0.000 χ^2/NDF : 46.7/34

In: 0.000+/-0.000 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.7/34

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2580672.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2275167.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

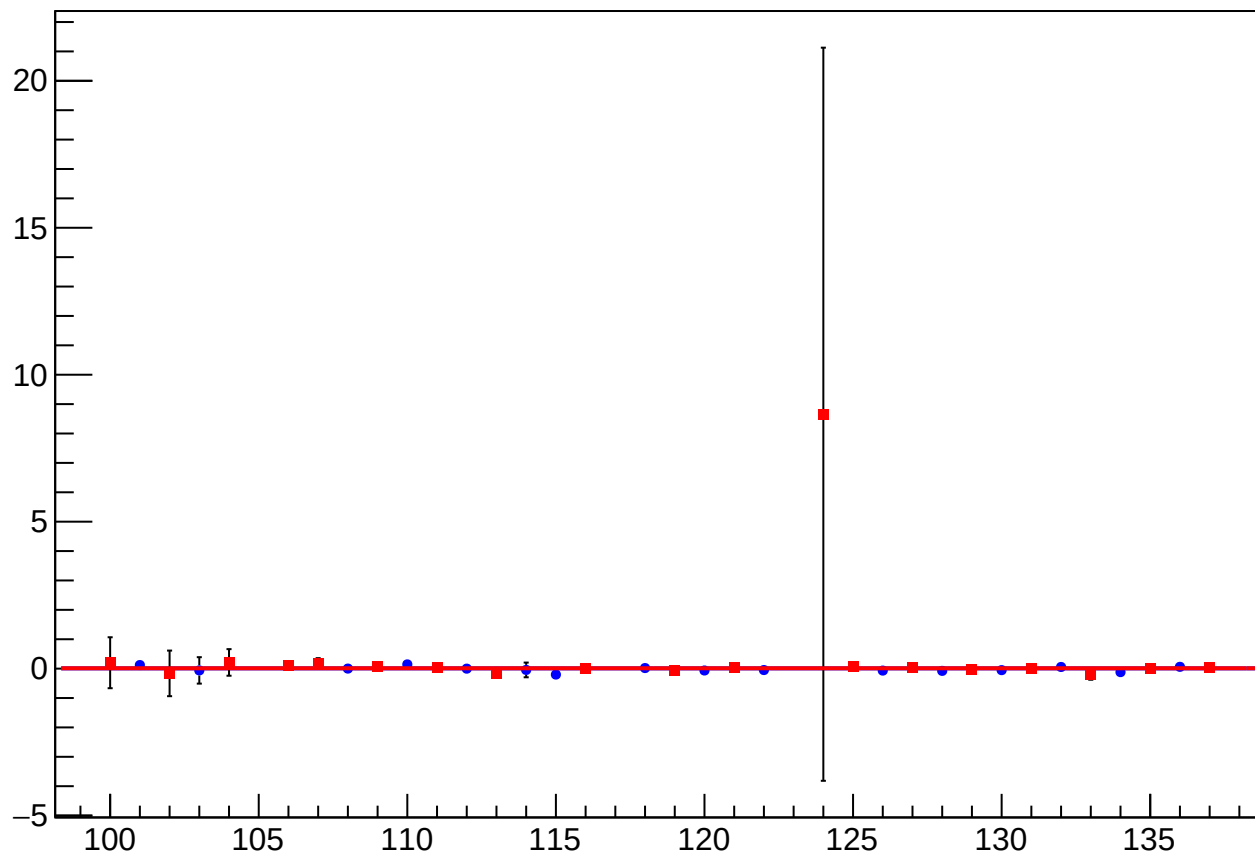
Right: 0.000+/-0.000 χ^2/NDF : 4906978.5/34

In: 0.000+/-0.000 χ^2/NDF : 2580672.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4906978.5/34

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

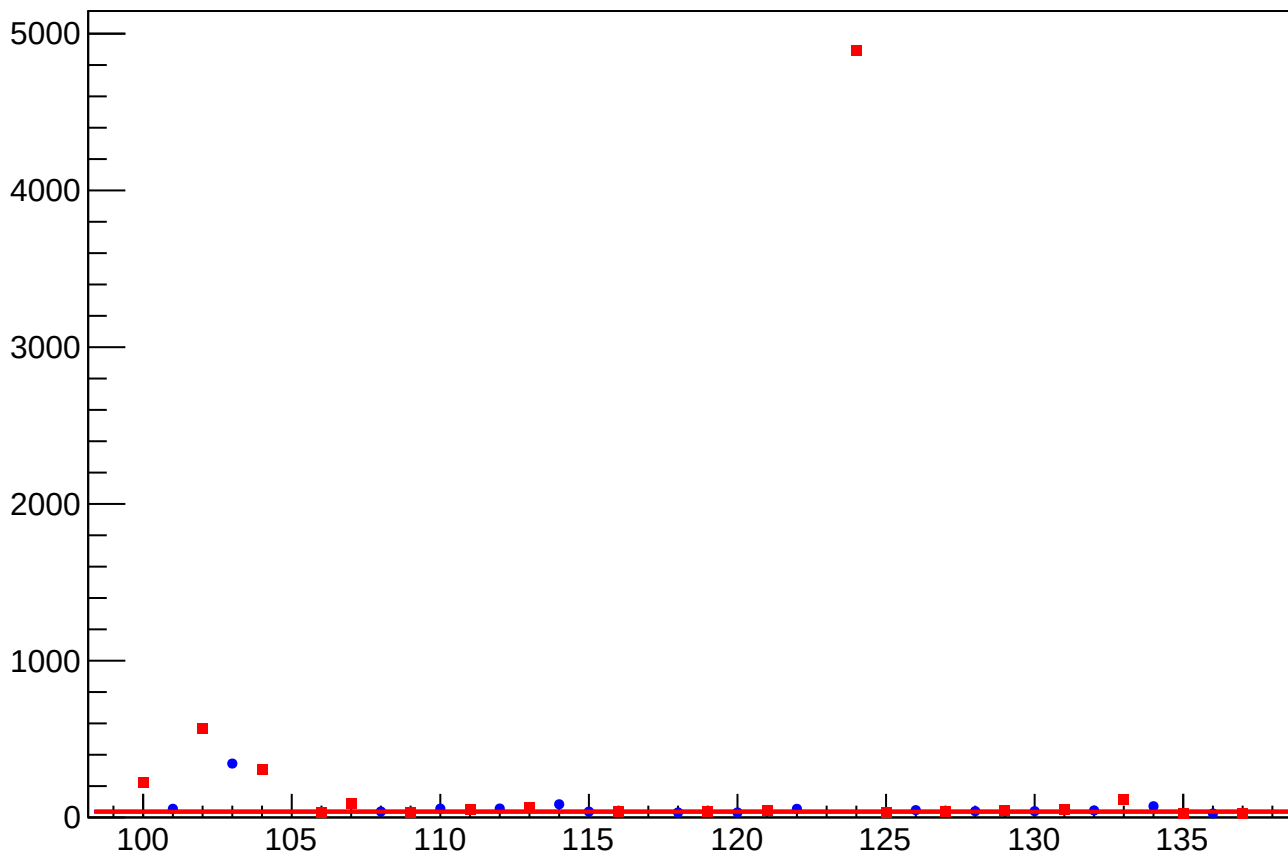
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.767+/-0.012 χ^2/NDF : 3190700.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

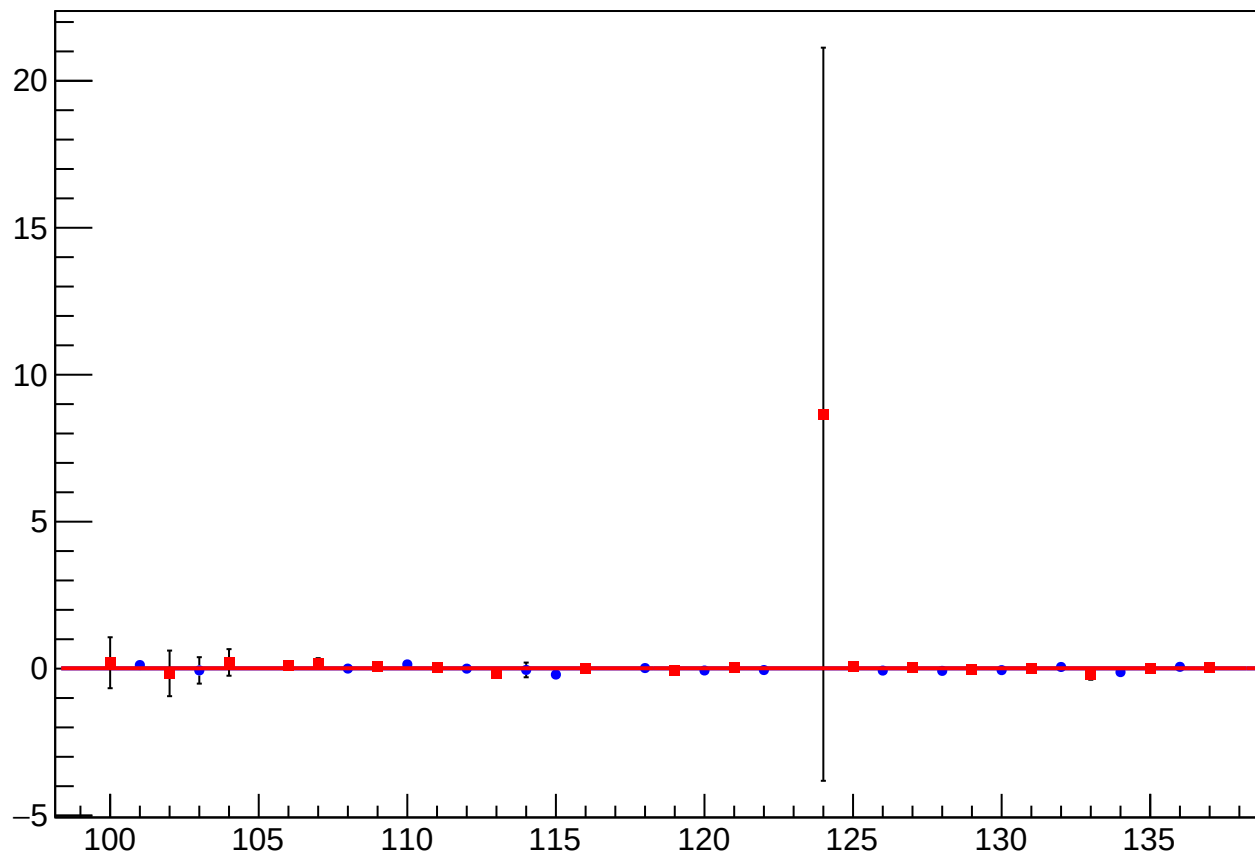
Right: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.143+/-0.008 χ^2/NDF : 5175953.4/34

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

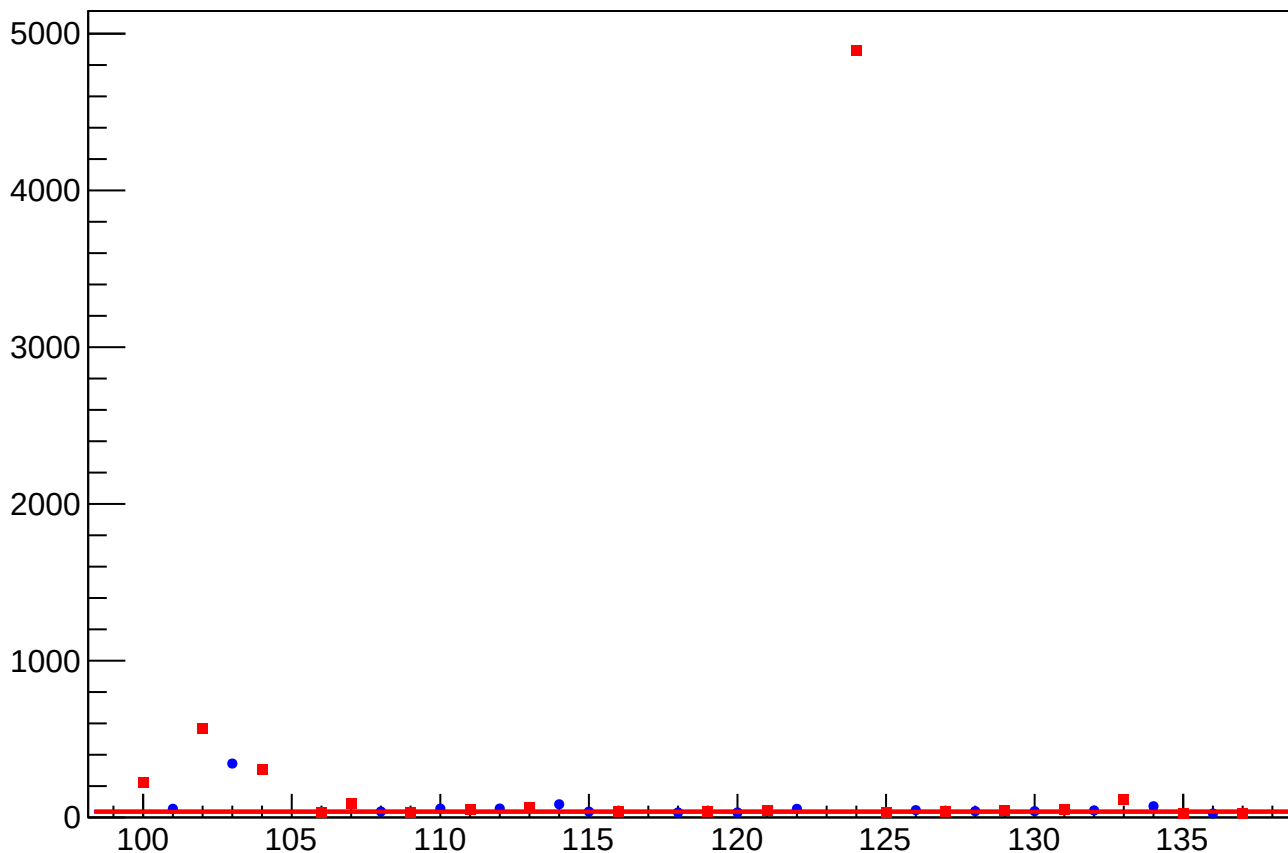
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.494 $\pm$ 0.011 χ^2 /NDF: 1983275.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.767 $\pm$ 0.012 χ^2 /NDF: 3190700.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

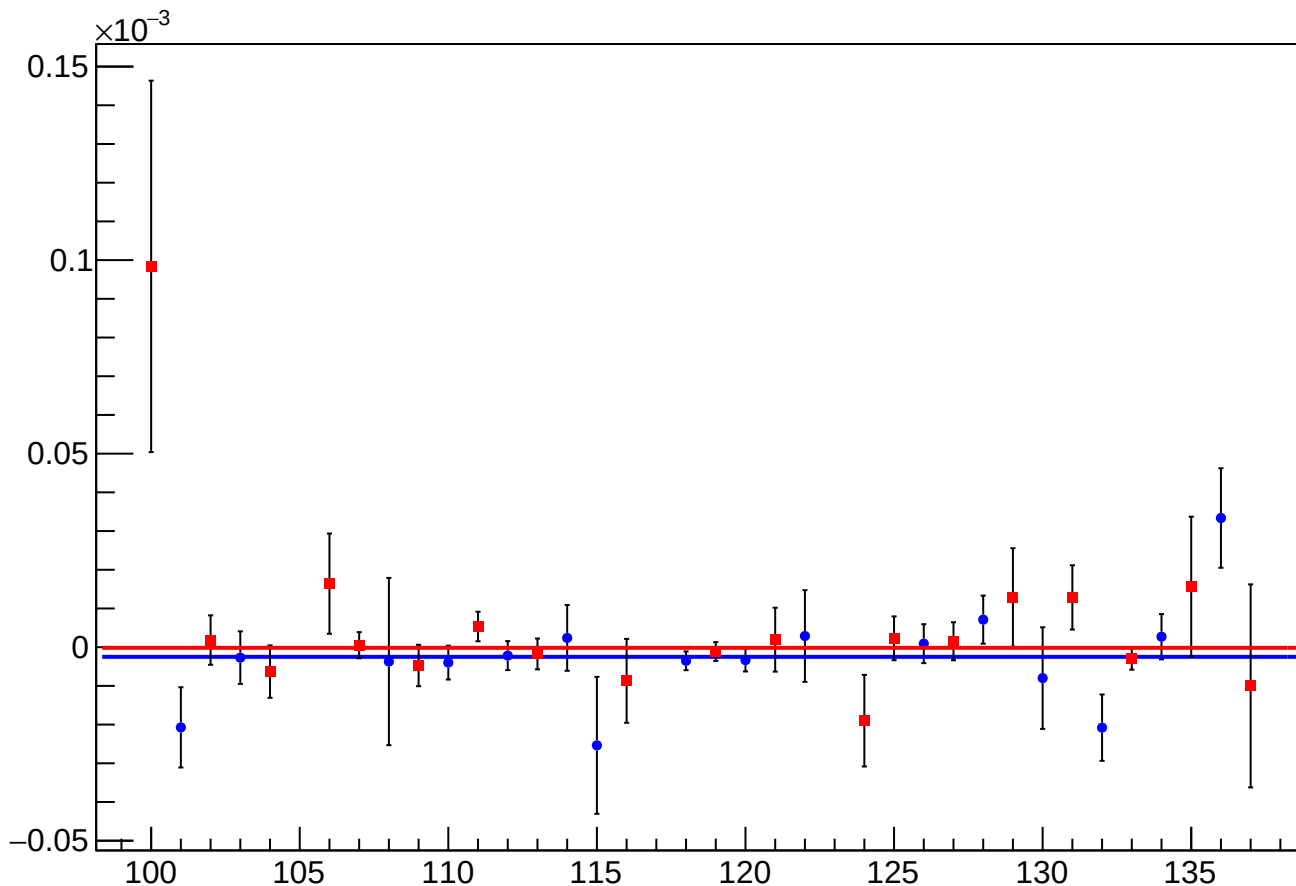
Right: 37.143 $\pm$ 0.008 χ^2 /NDF: 5175953.4/34

In: 37.494 $\pm$ 0.011 χ^2 /NDF:1983275.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.143 $\pm$ 0.008 χ^2 /NDF: 5175953.4/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

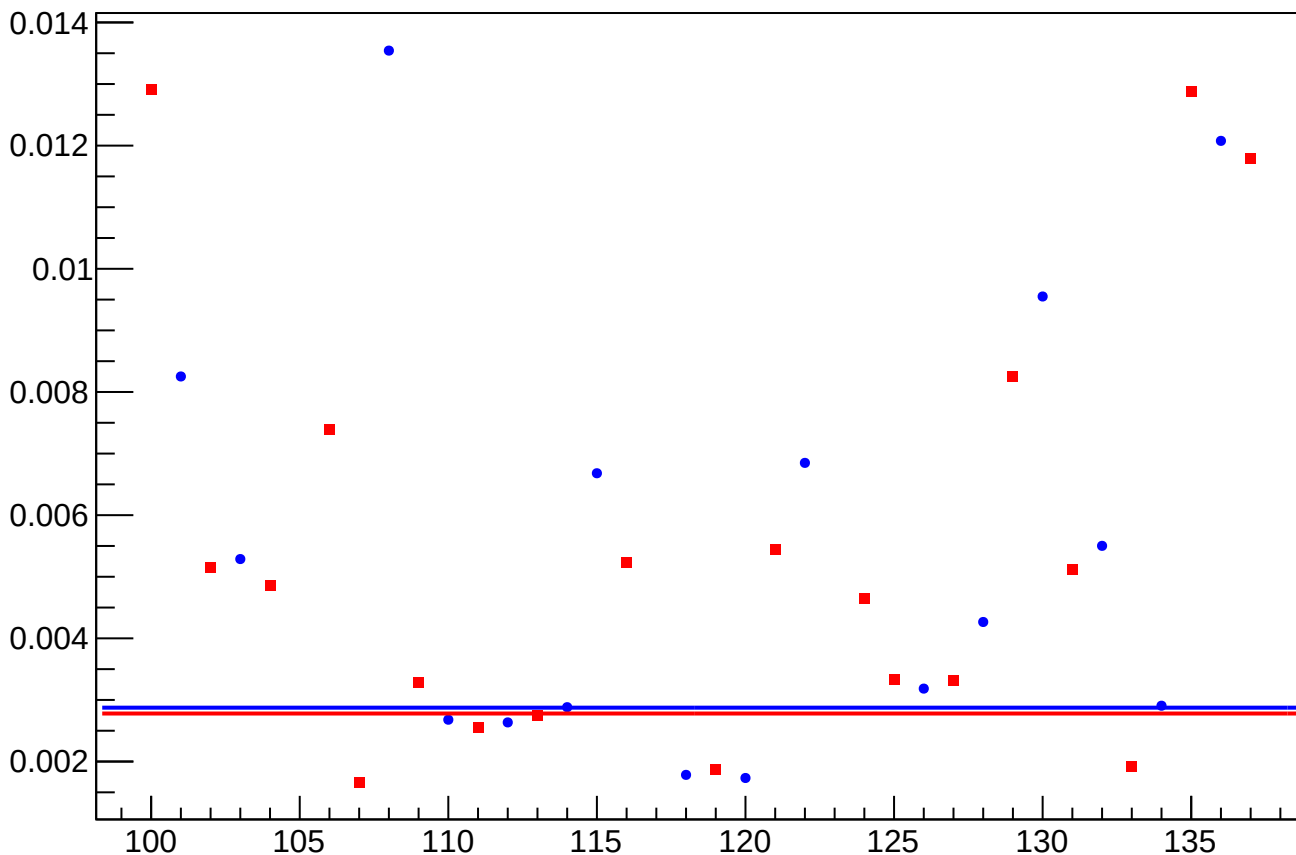
Right: -0.000+/-0.000 χ^2/NDF : 42.5/34

In: -0.000+/-0.000 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.5/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4152056.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3311178.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

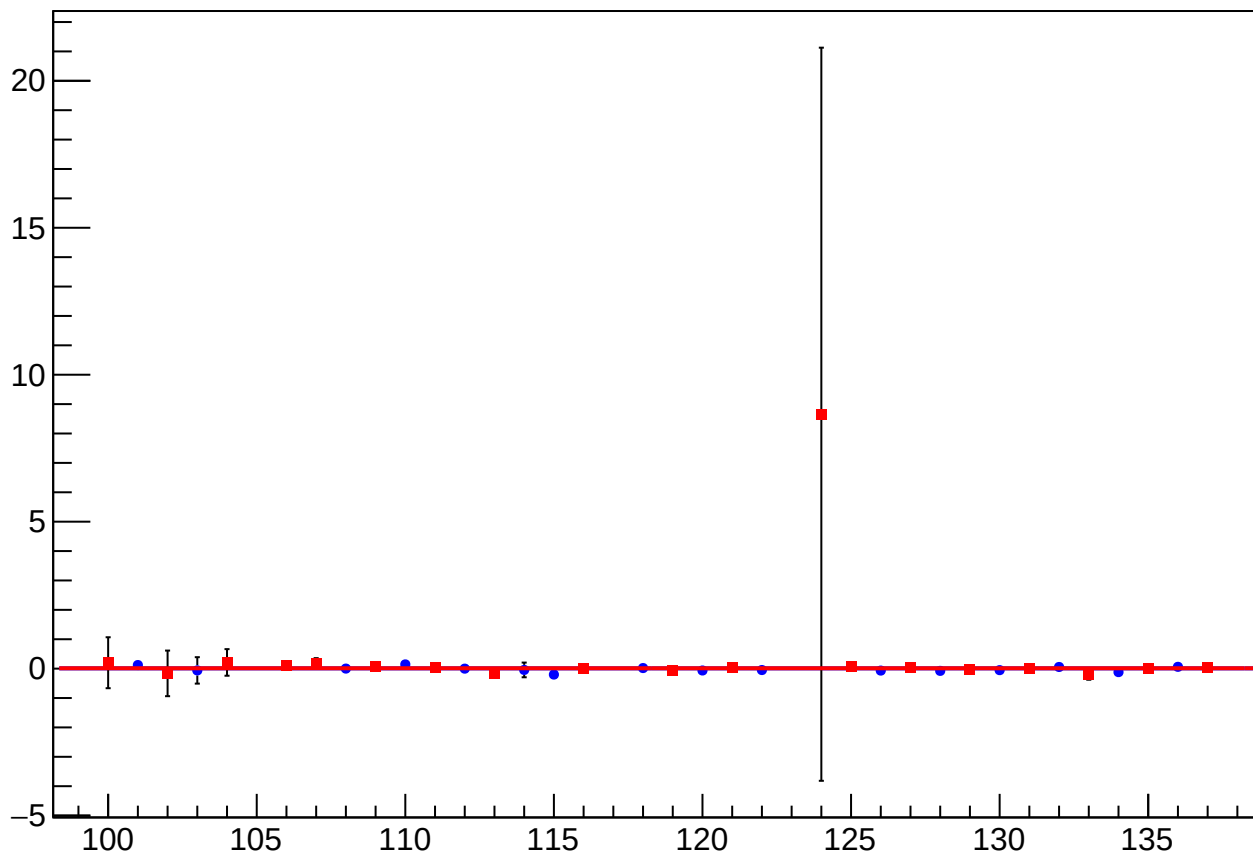
Right: 0.003+/-0.000 χ^2/NDF : 7469105.0/34

In: 0.003+/-0.000 χ^2/NDF :4152056.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 7469105.0/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

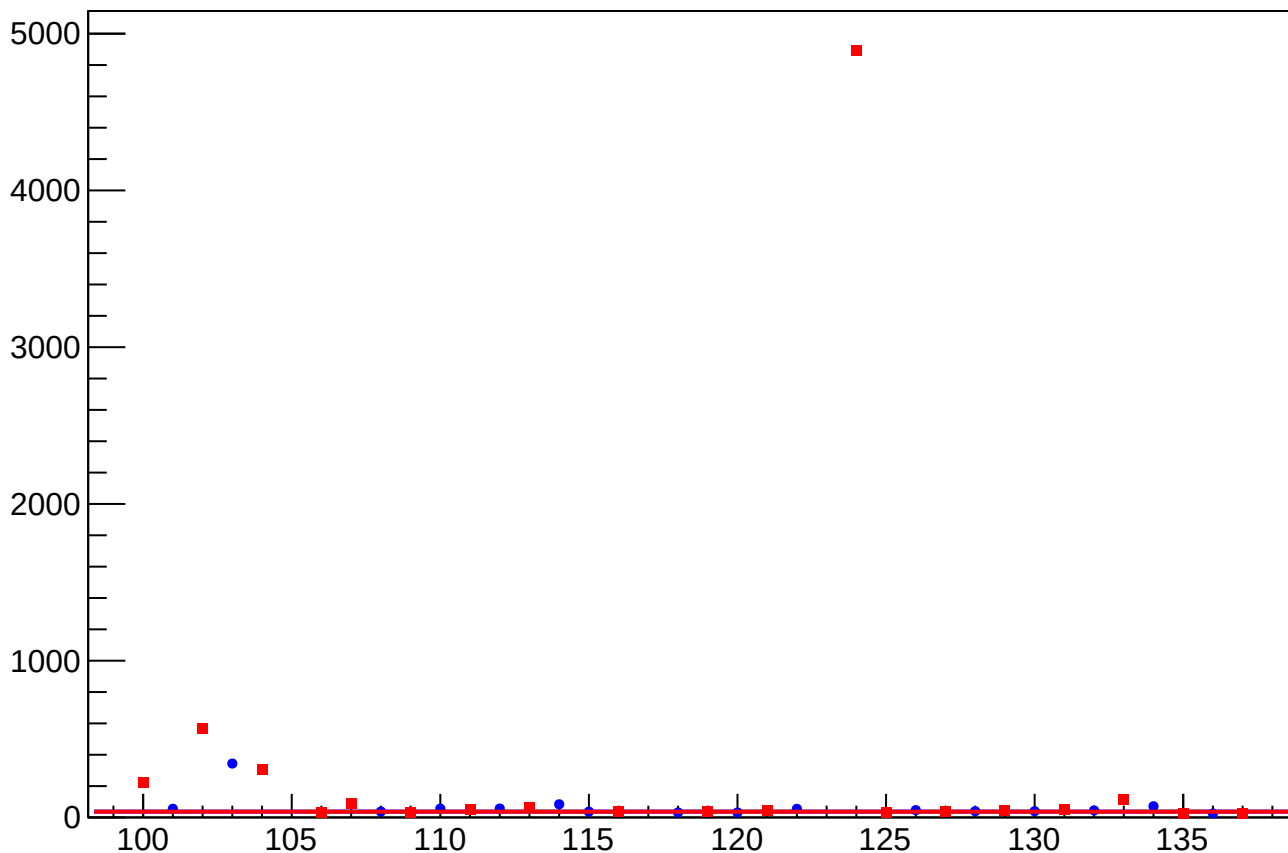
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.769+/-0.012 χ^2/NDF : 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

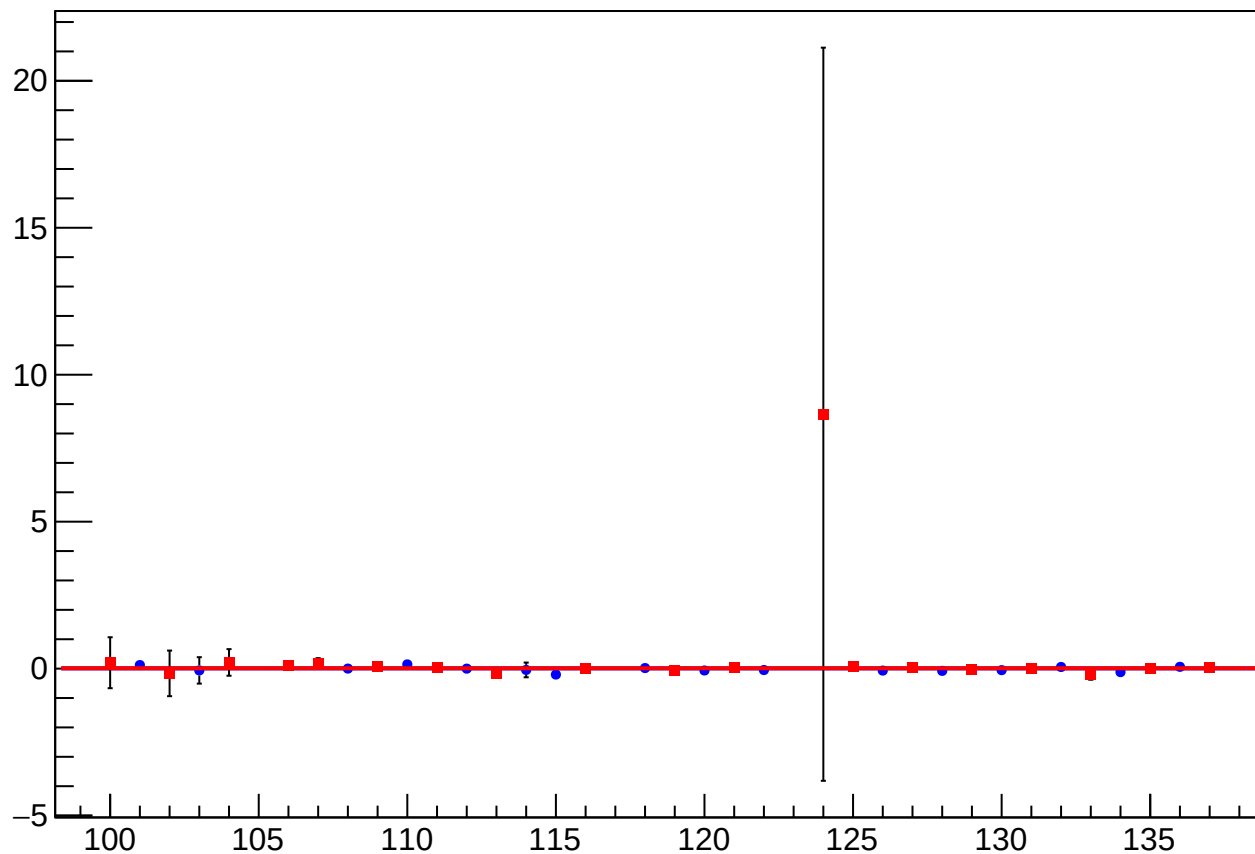
Right: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.017 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

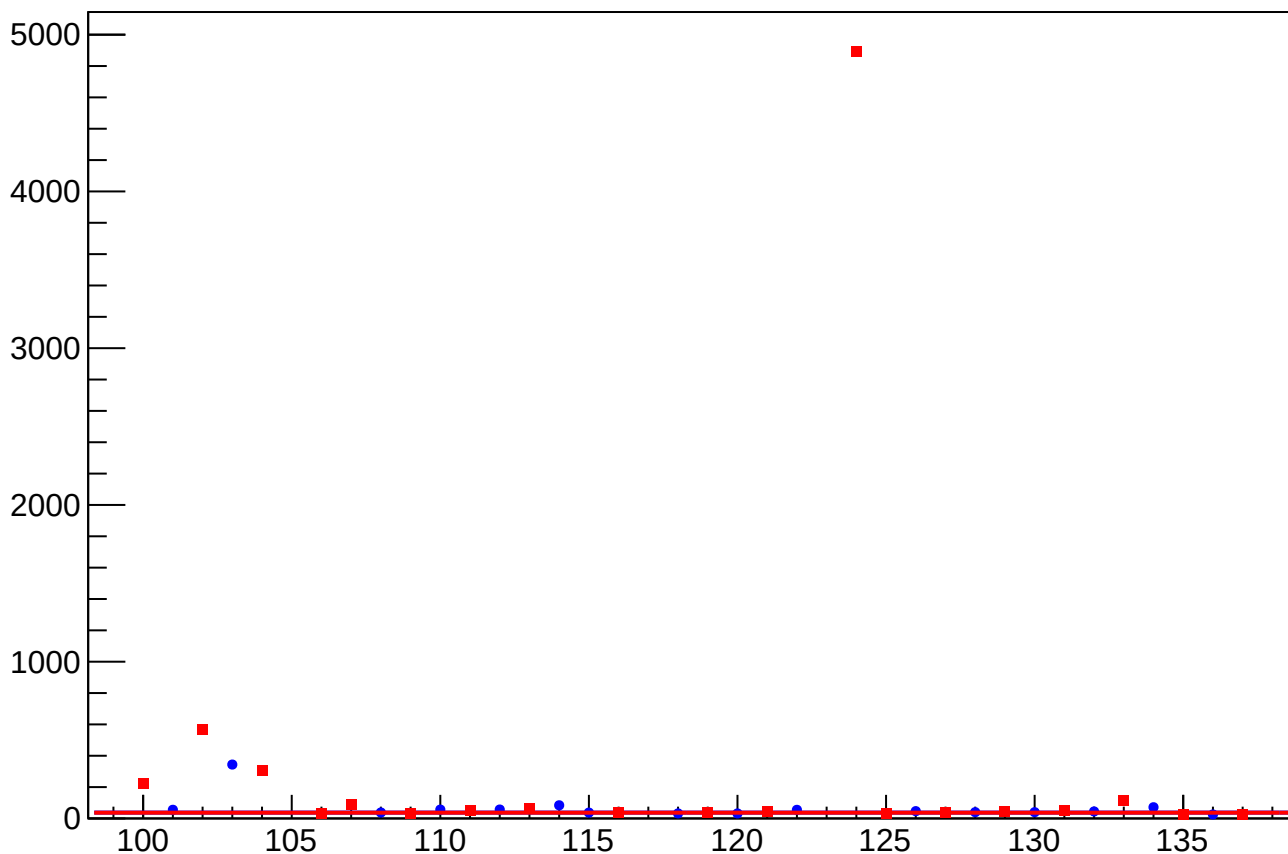
Right: 0.010+/-0.012 χ^2/NDF : 31.9/34

In: 0.008+/-0.016 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.012 χ^2/NDF : 31.9/34

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.769+/-0.012 χ^2/NDF : 3190400.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

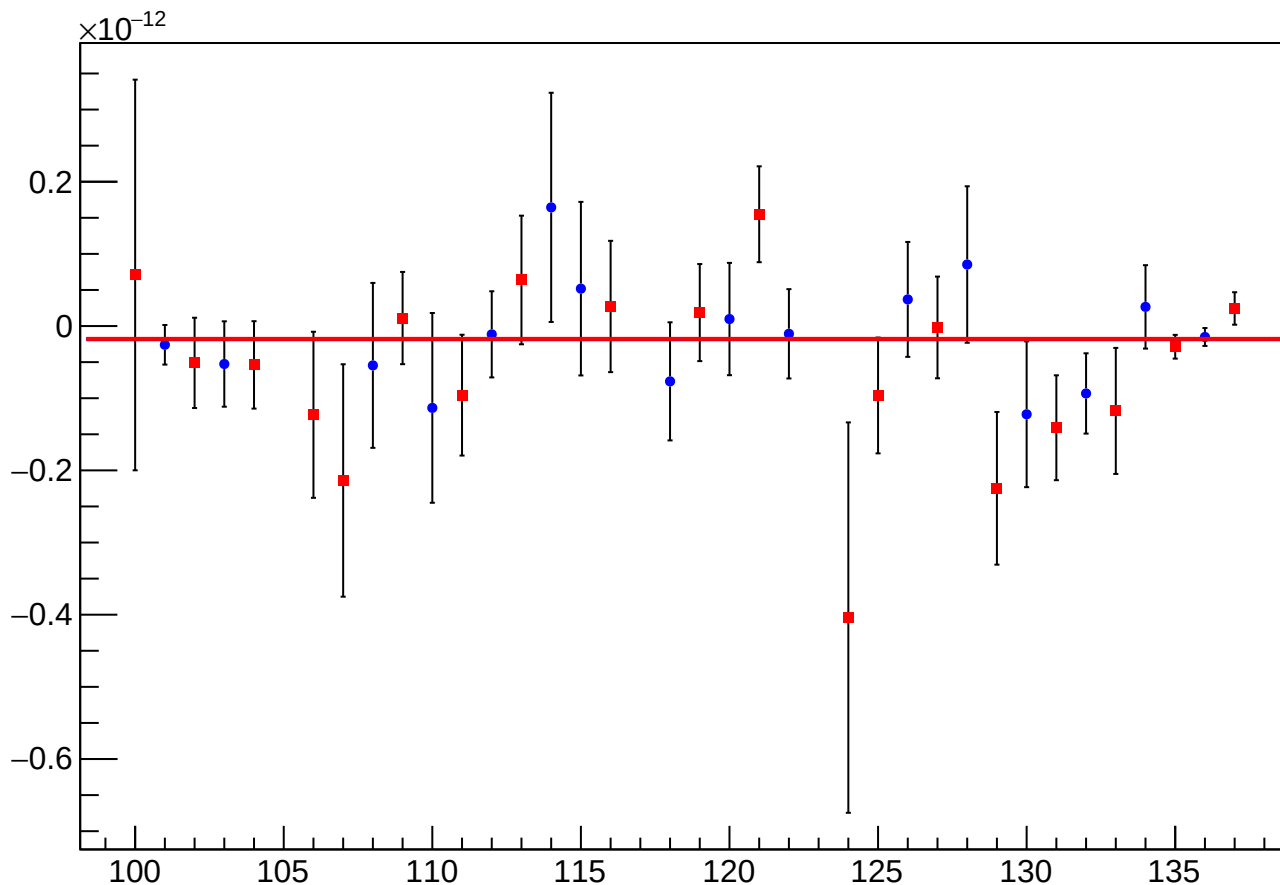
Right: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.144+/-0.008 χ^2/NDF : 5175578.4/34

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 8.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 27.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

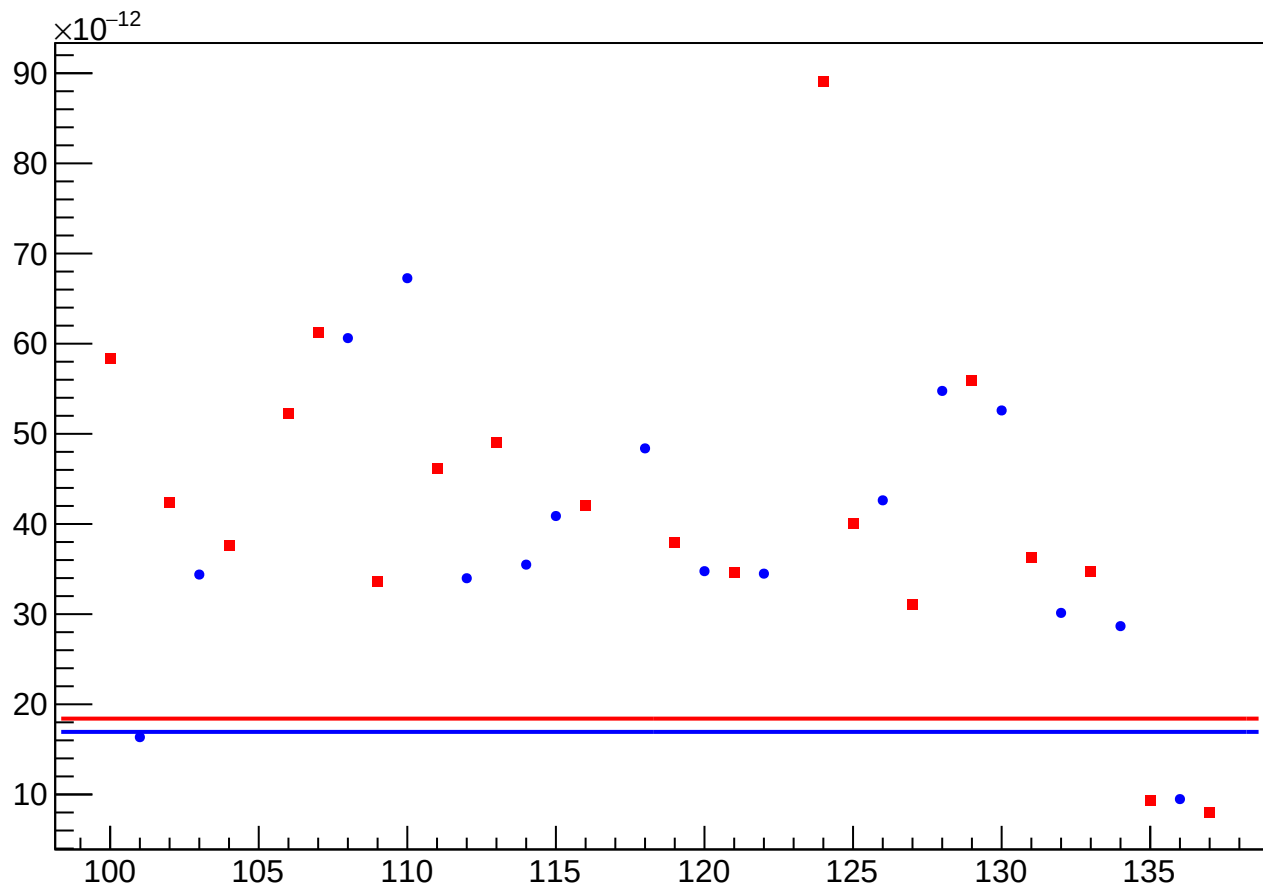
Right: -0.000+/-0.000 χ^2 /NDF: 35.6/34

In: -0.000+/-0.000 χ^2 /NDF:8.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.6/34

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3207856.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3674861.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

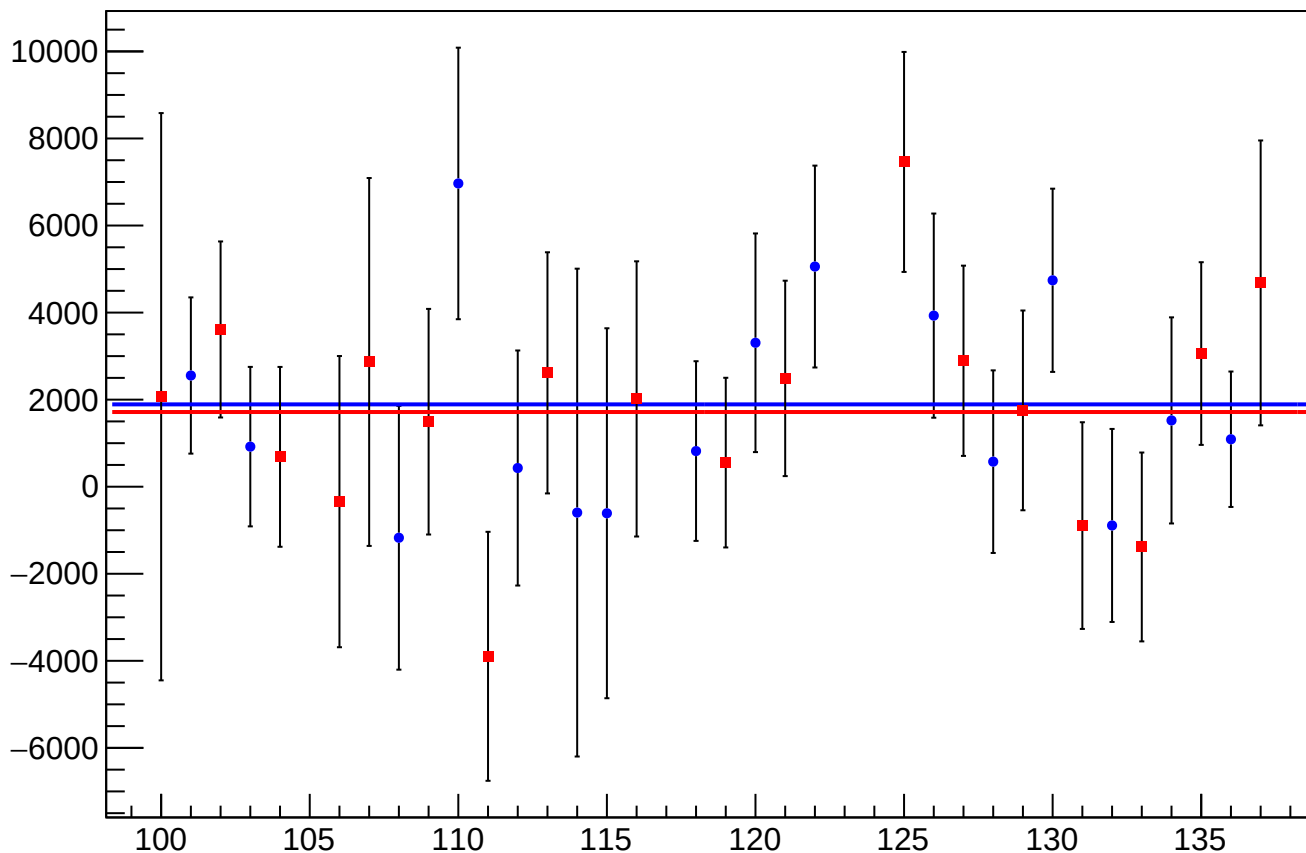
Right: 0.000+/-0.000 χ^2/NDF : 6902390.3/34

In: 0.000+/-0.000 χ^2/NDF :3207856.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6902390.3/34

reg_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1891.457+/-572.244 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.909+/-589.518 χ^2/NDF : 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

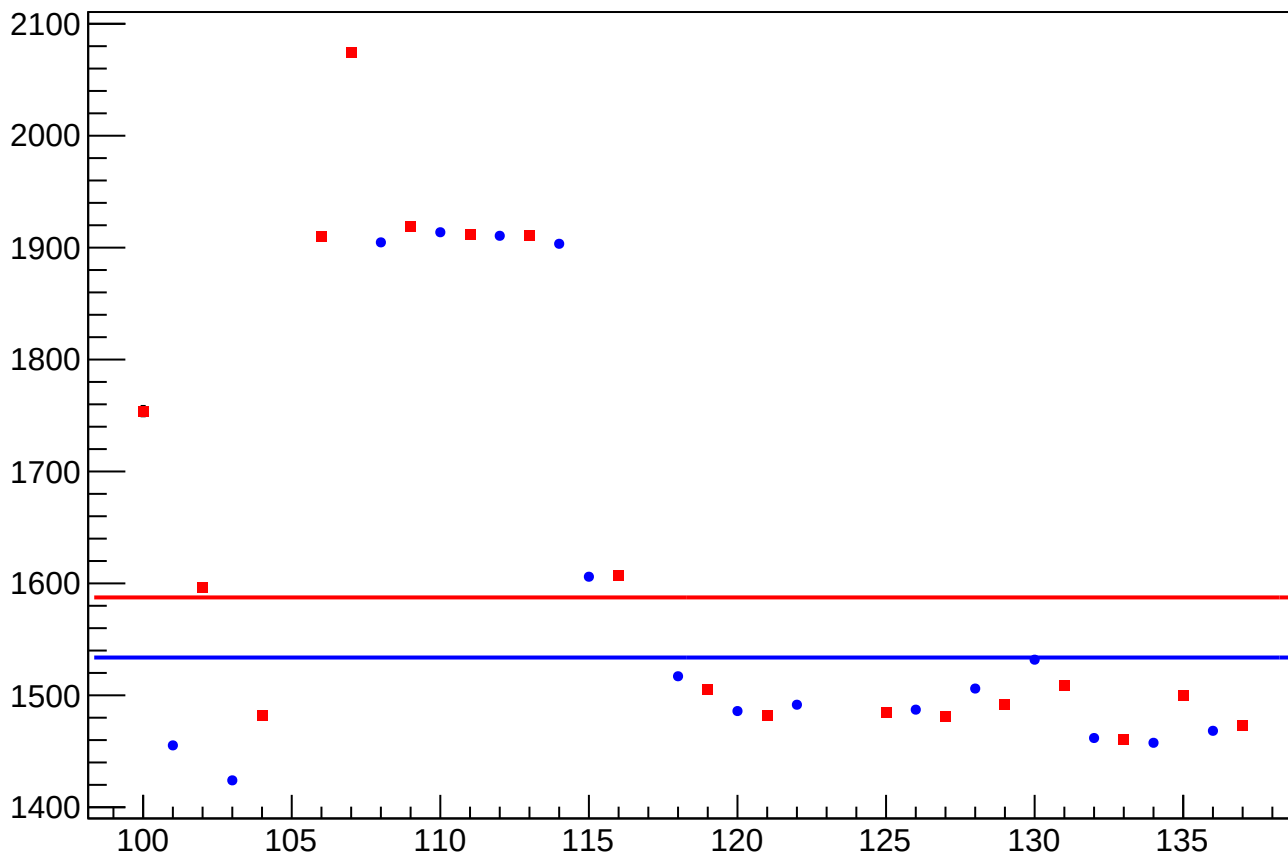
Right: 1806.293+/-410.609 χ^2/NDF : 28.2/33

In: 1891.457+/-572.244 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1806.293+/-410.609 χ^2/NDF : 28.2/33

reg_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1533.771+/-0.405 χ^2/NDF : 129271.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.461+/-0.417 χ^2/NDF : 171988.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

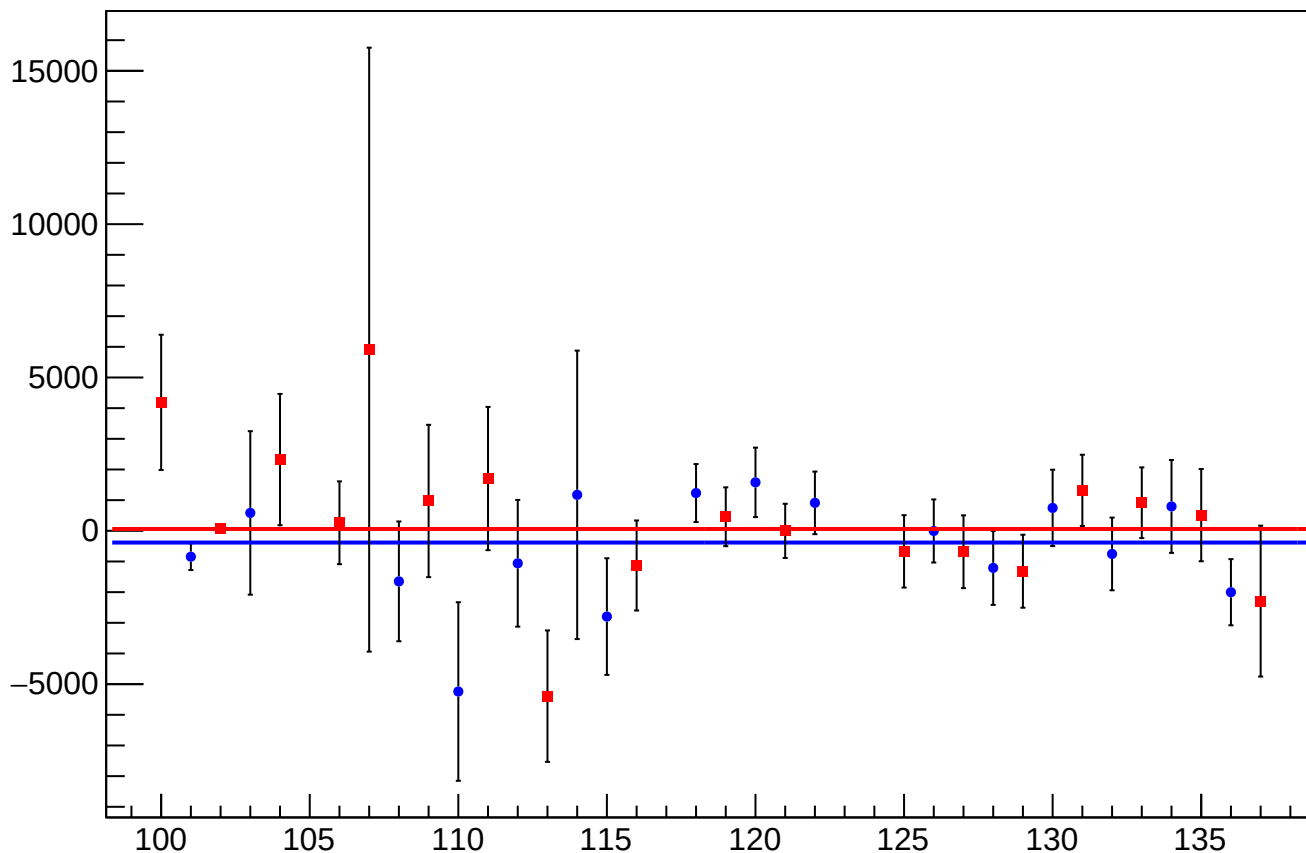
Right: 1559.818+/-0.290 χ^2/NDF : 309801.2/33

In: 1533.771+/-0.405 χ^2/NDF : 129271.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.818+/-0.290 χ^2/NDF : 309801.2/33

asym_usl_atl1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -382.787 ± 272.209 χ^2/NDF : 18.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 59.970 ± 127.700 χ^2/NDF : 17.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

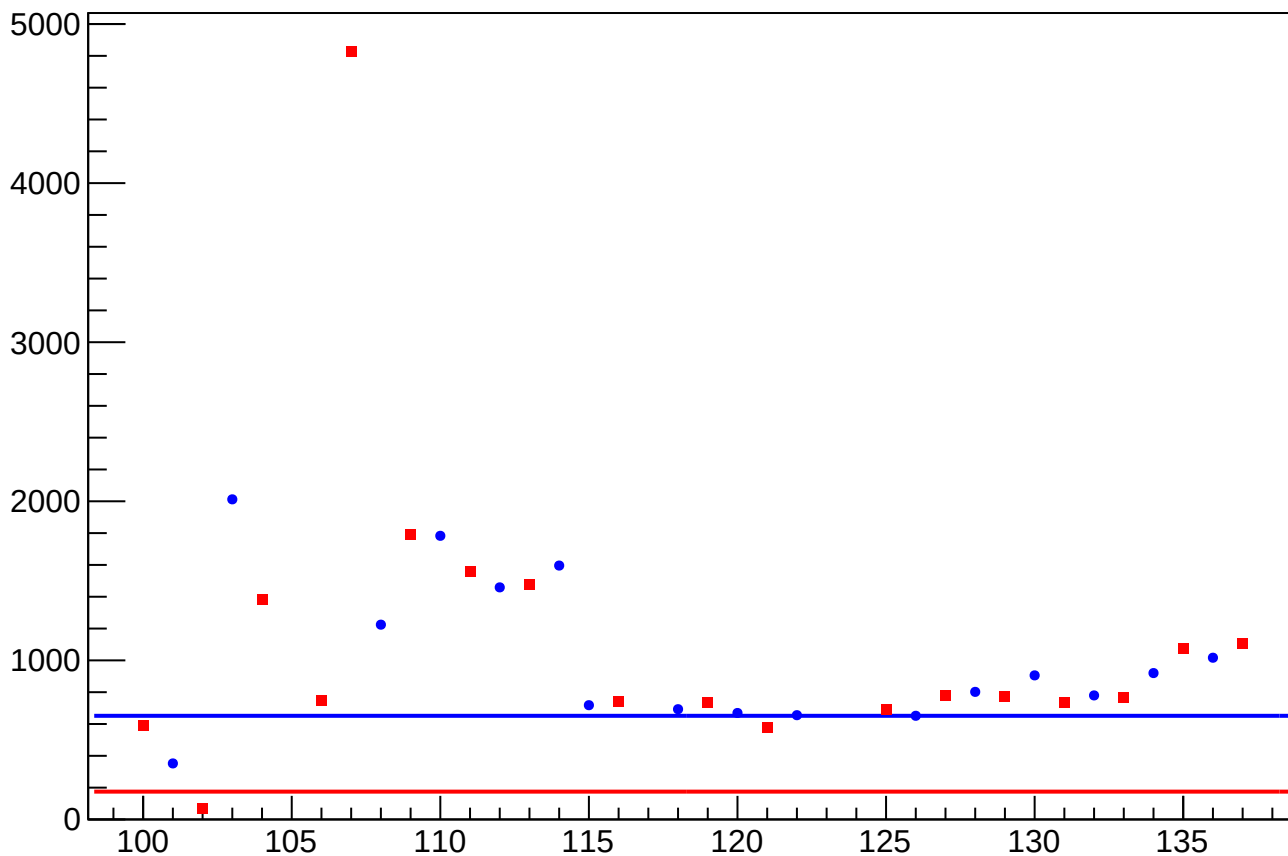
Right: -19.895 ± 115.611 χ^2/NDF : 38.1/33

In: -382.787 ± 272.209 χ^2/NDF : 18.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.895 ± 115.611 χ^2/NDF : 38.1/33

asym_usl_atl1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 651.523+/-0.192 χ^2/NDF : 2762656.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.898+/-0.090 χ^2/NDF : 9761228.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

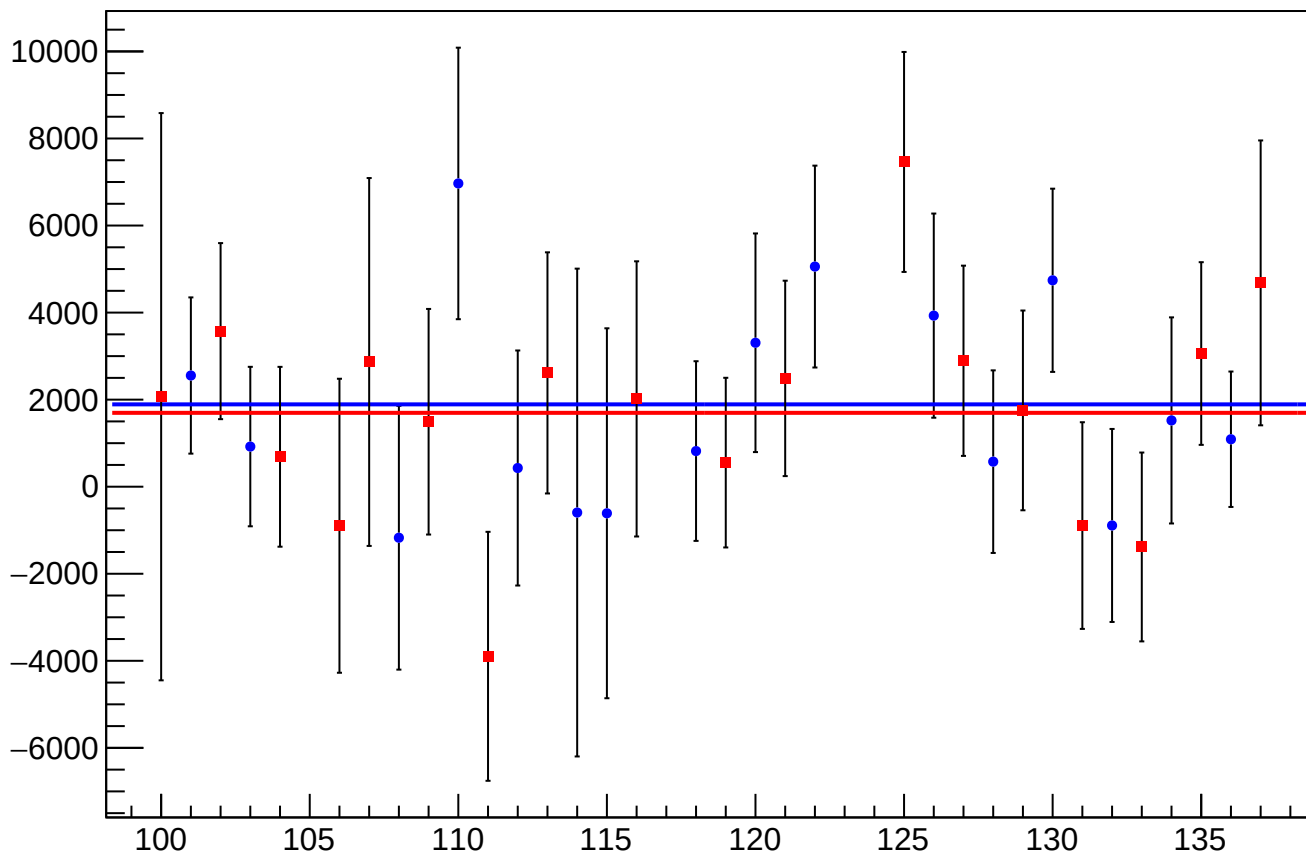
Right: 260.873+/-0.082 χ^2/NDF : 17549506.9/33

In: 651.523+/-0.192 χ^2/NDF : 2762656.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 260.873+/-0.082 χ^2/NDF : 17549506.9/33

cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1891.562 $\pm$ 572.244 χ^2 /NDF: 12.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1696.987 $\pm$ 589.699 χ^2 /NDF: 16.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

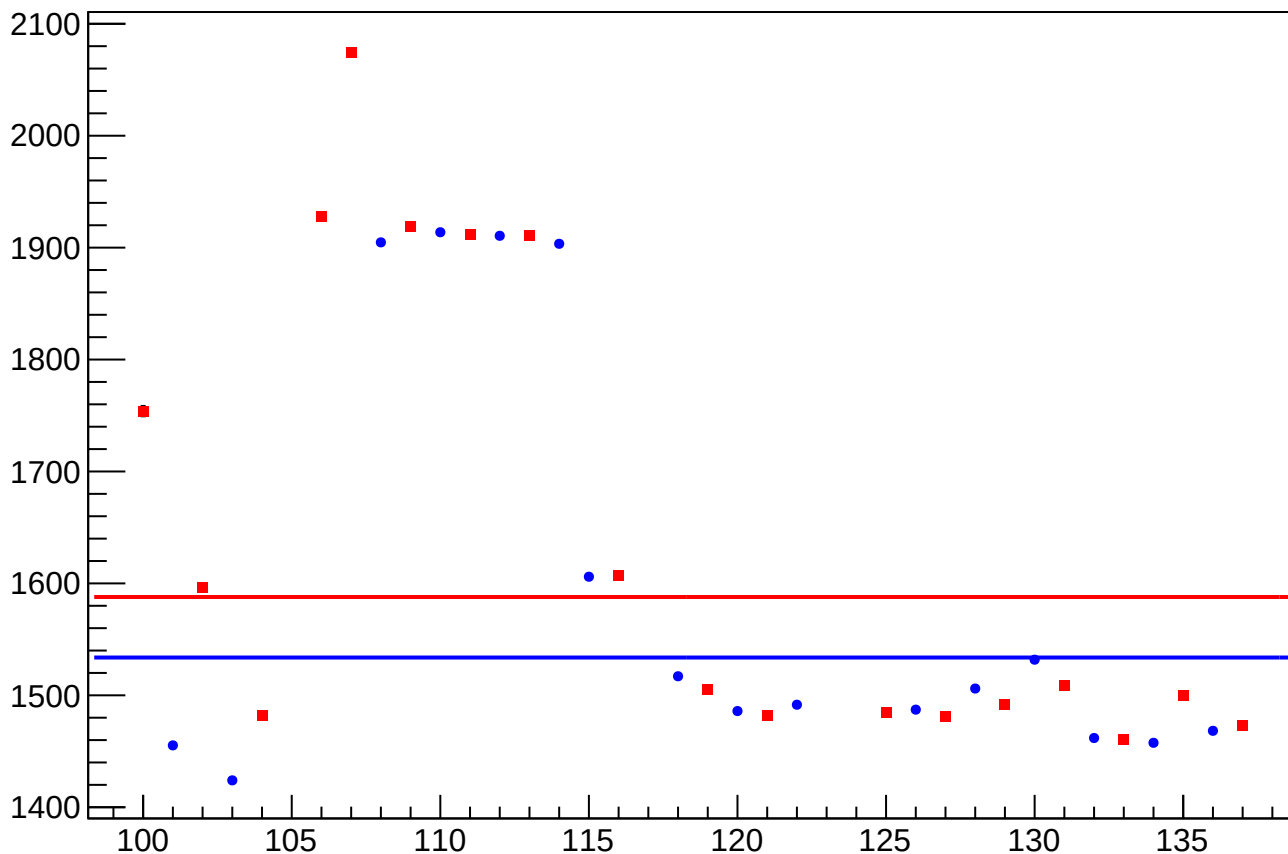
Right: 1797.197 $\pm$ 410.670 χ^2 /NDF: 28.4/33

In: 1891.562 $\pm$ 572.244 χ^2 /NDF:12.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1797.197 $\pm$ 410.670 χ^2 /NDF: 28.4/33

cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.846+/-0.417 χ^2/NDF : 173766.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

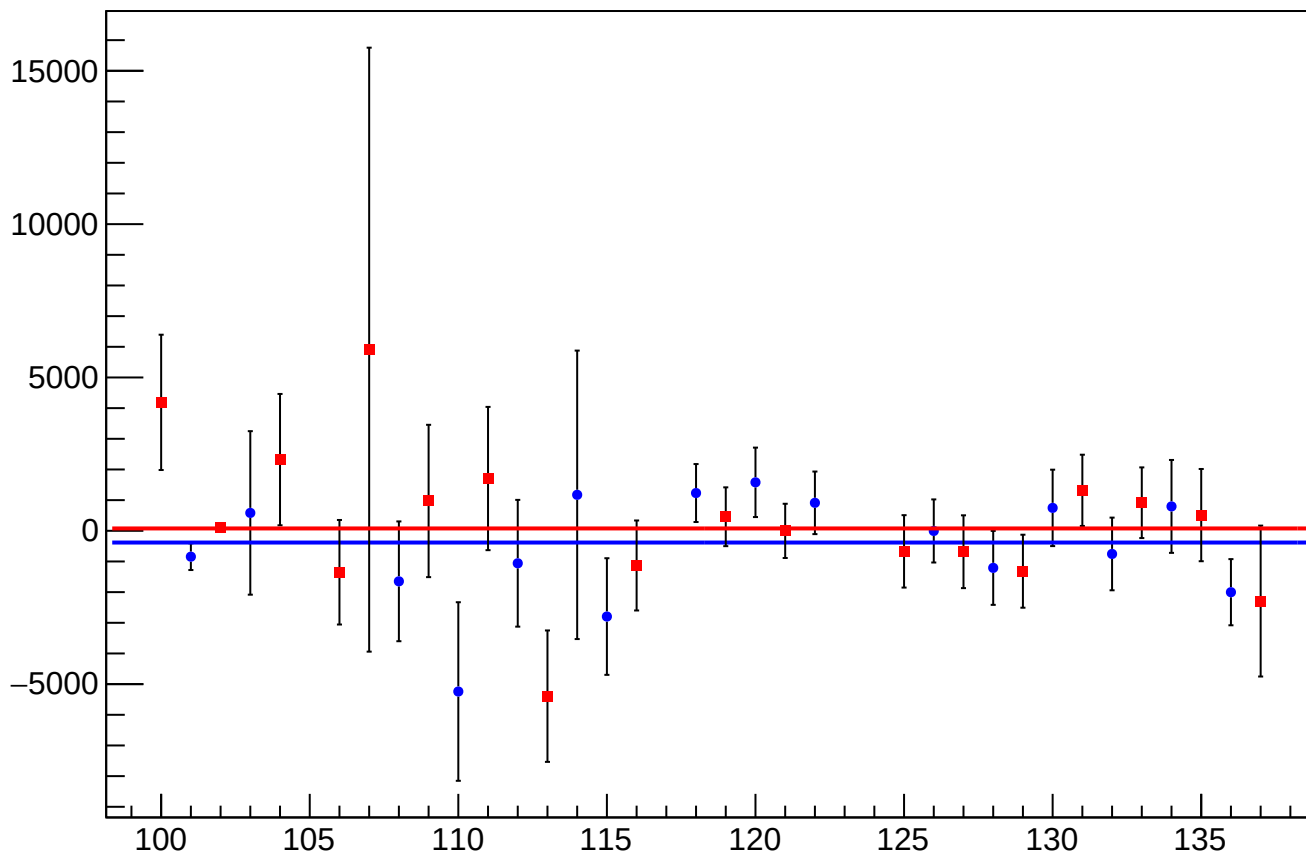
Right: 1559.996+/-0.290 χ^2/NDF : 311699.9/33

In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.996+/-0.290 χ^2/NDF : 311699.9/33

asym_usl_atl1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -382.761 ± 272.209 χ^2/NDF : 18.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 76.754 ± 138.137 χ^2/NDF : 18.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

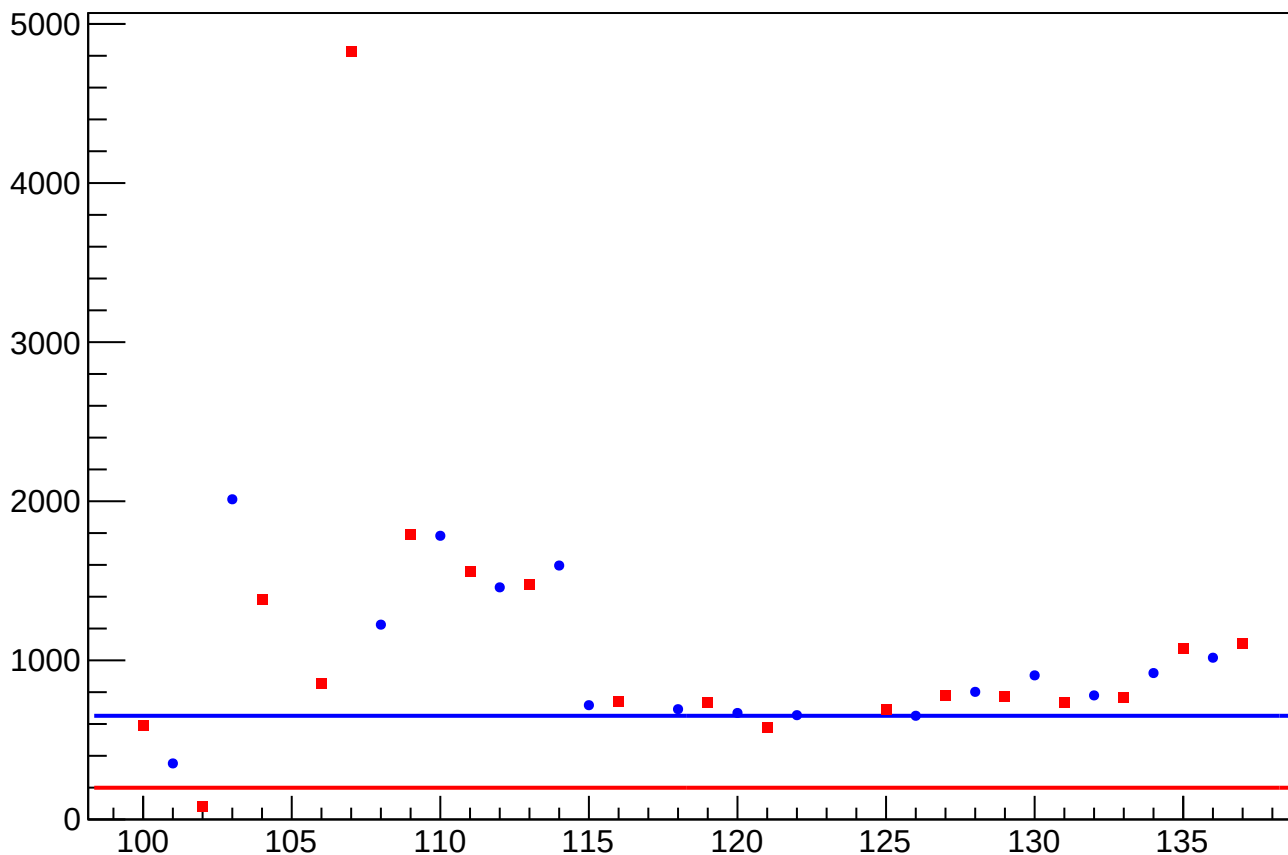
Right: -17.348 ± 123.184 χ^2/NDF : 38.9/33

In: -382.761 ± 272.209 χ^2/NDF : 18.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.348 ± 123.184 χ^2/NDF : 38.9/33

asym_usl_atl1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 651.521+/-0.192 χ^2/NDF : 2762681.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 199.344+/-0.098 χ^2/NDF : 9284792.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

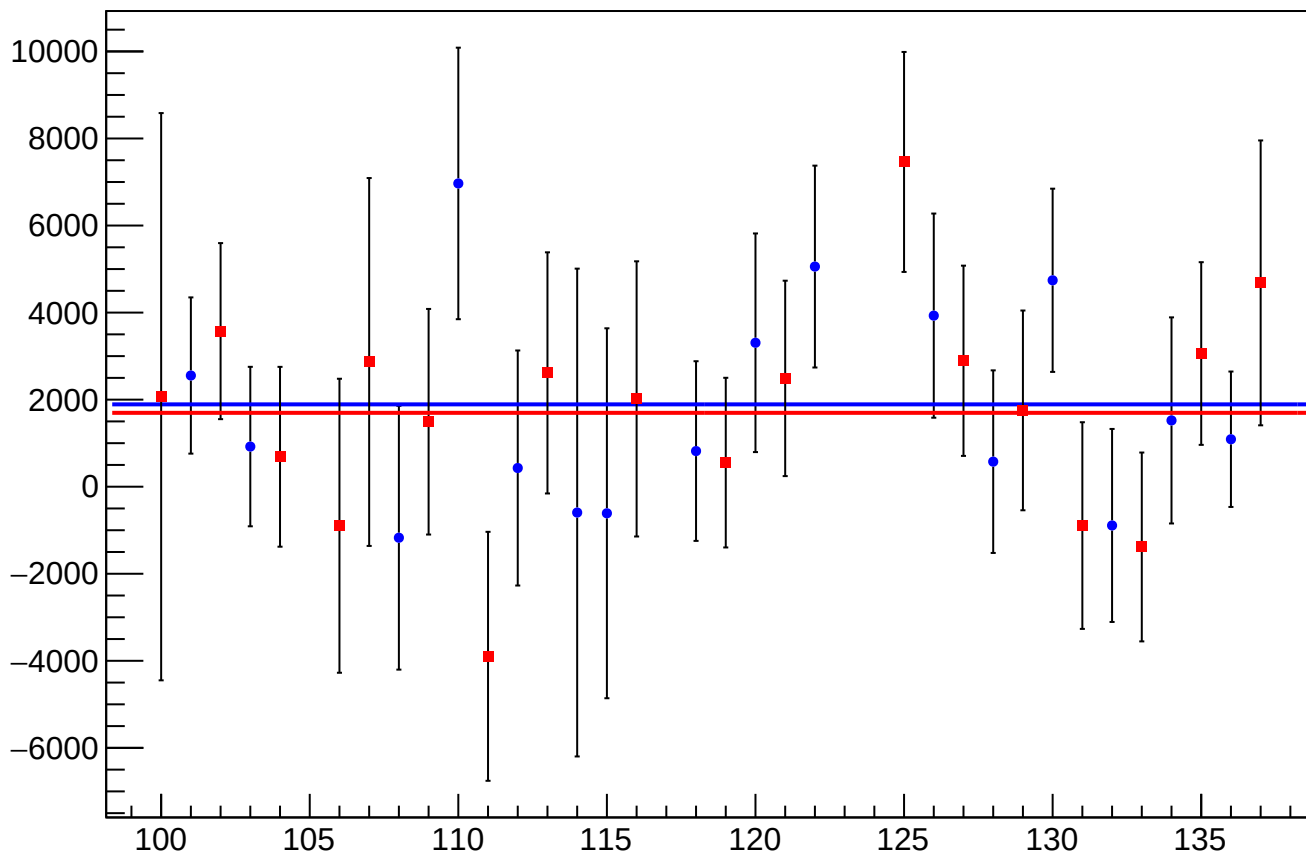
Right: 291.943+/-0.087 χ^2/NDF : 16436092.9/33

In: 651.521+/-0.192 χ^2/NDF : 2762681.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.943+/-0.087 χ^2/NDF : 16436092.9/33

eigen_cor_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1891.562+/-572.244 χ^2/NDF : 12.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1696.987+/-589.699 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

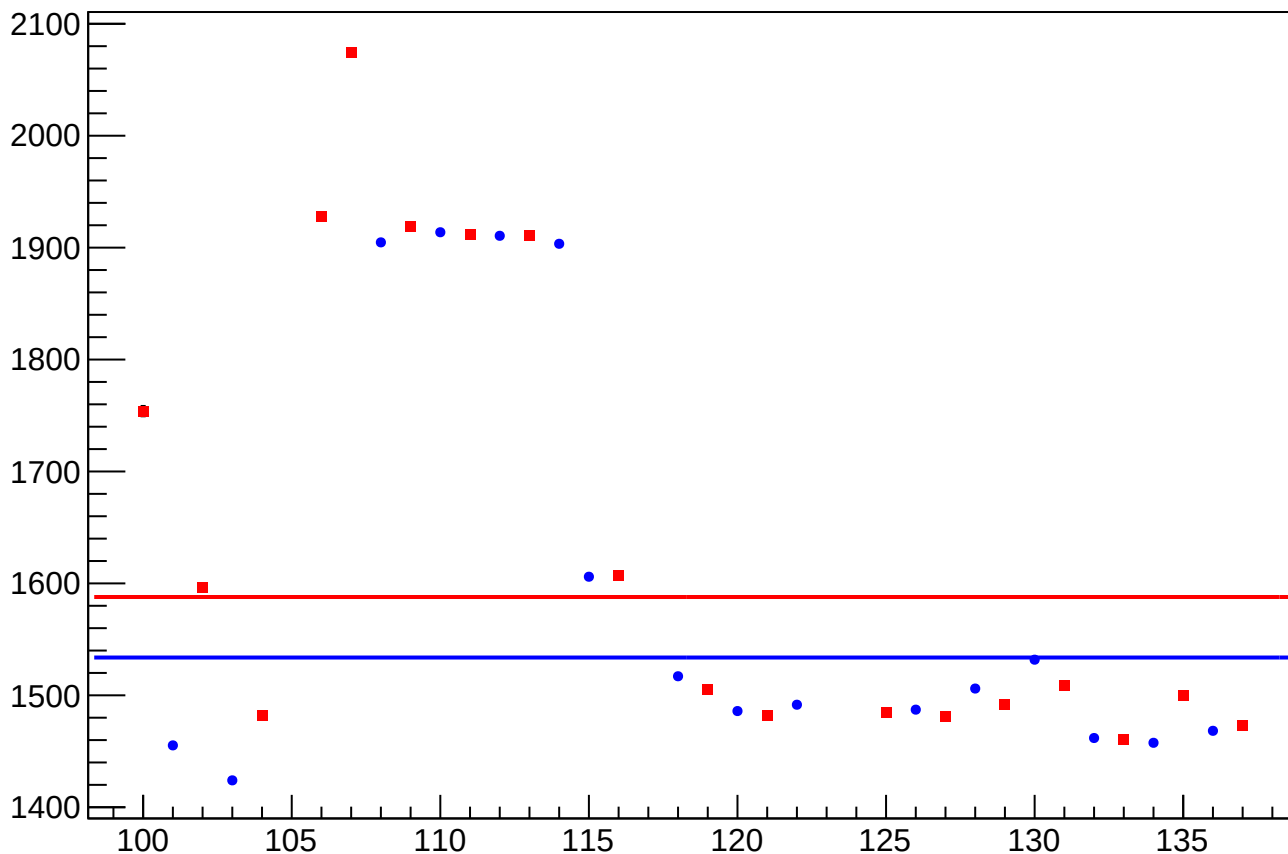
Right: 1797.197+/-410.670 χ^2/NDF : 28.4/33

In: 1891.562+/-572.244 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1797.197+/-410.670 χ^2/NDF : 28.4/33

eigen_cor_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1587.846+/-0.417 χ^2/NDF : 173766.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

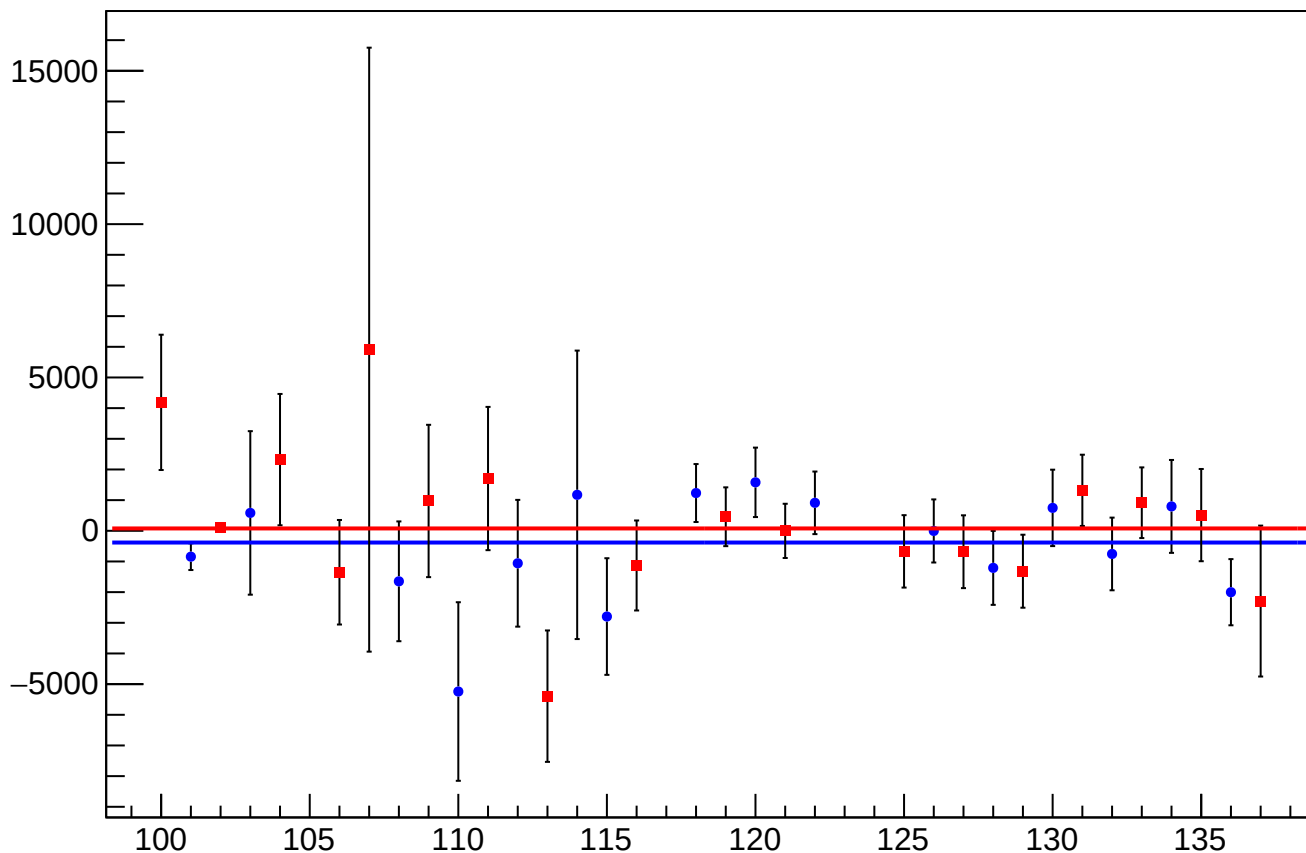
Right: 1559.996+/-0.290 χ^2/NDF : 311699.9/33

In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1559.996+/-0.290 χ^2/NDF : 311699.9/33

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -382.761+/-272.209 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76.754+/-138.137 χ^2/NDF : 18.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

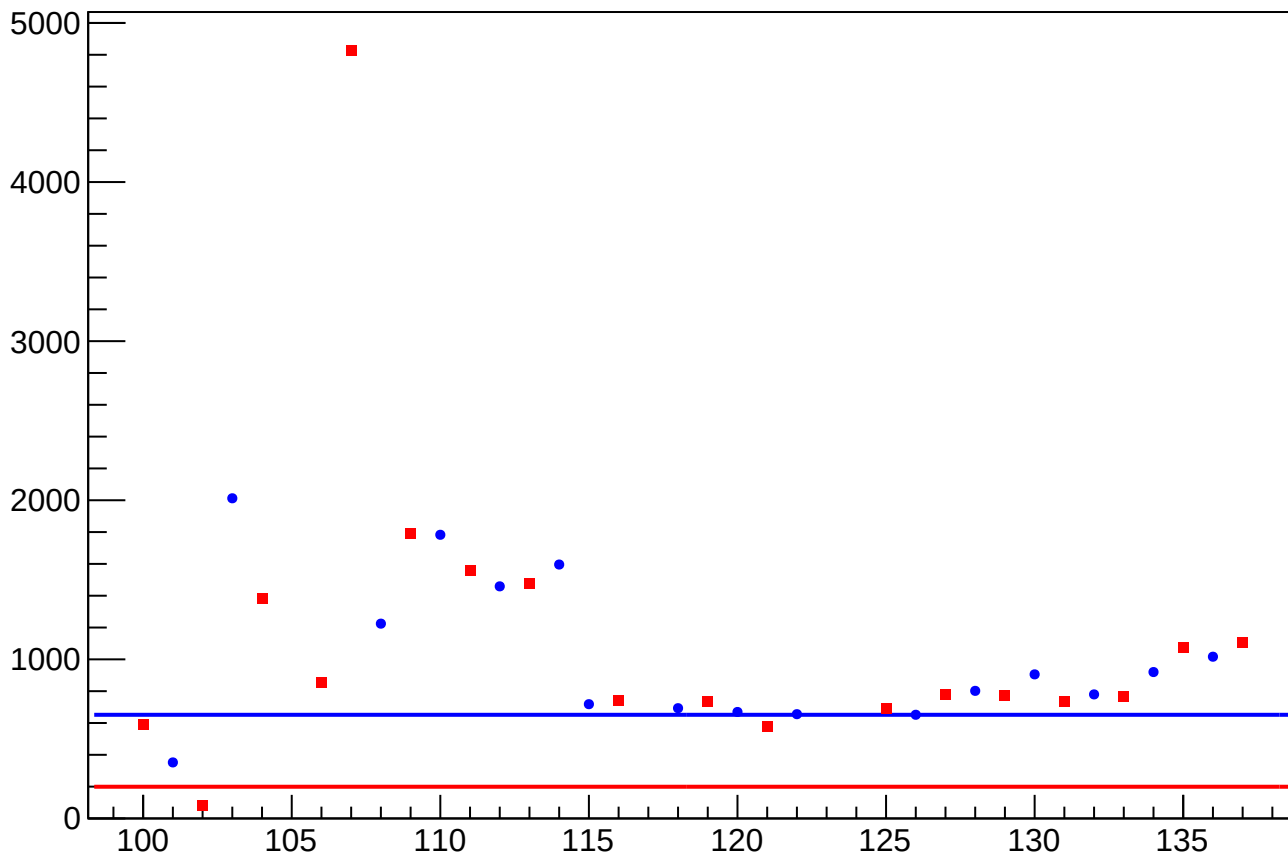
Right: -17.348+/-123.184 χ^2/NDF : 38.9/33

In: -382.761+/-272.209 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.348+/-123.184 χ^2/NDF : 38.9/33

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 651.521+/-0.192 χ^2/NDF : 2762681.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 199.344+/-0.098 χ^2/NDF : 9284792.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

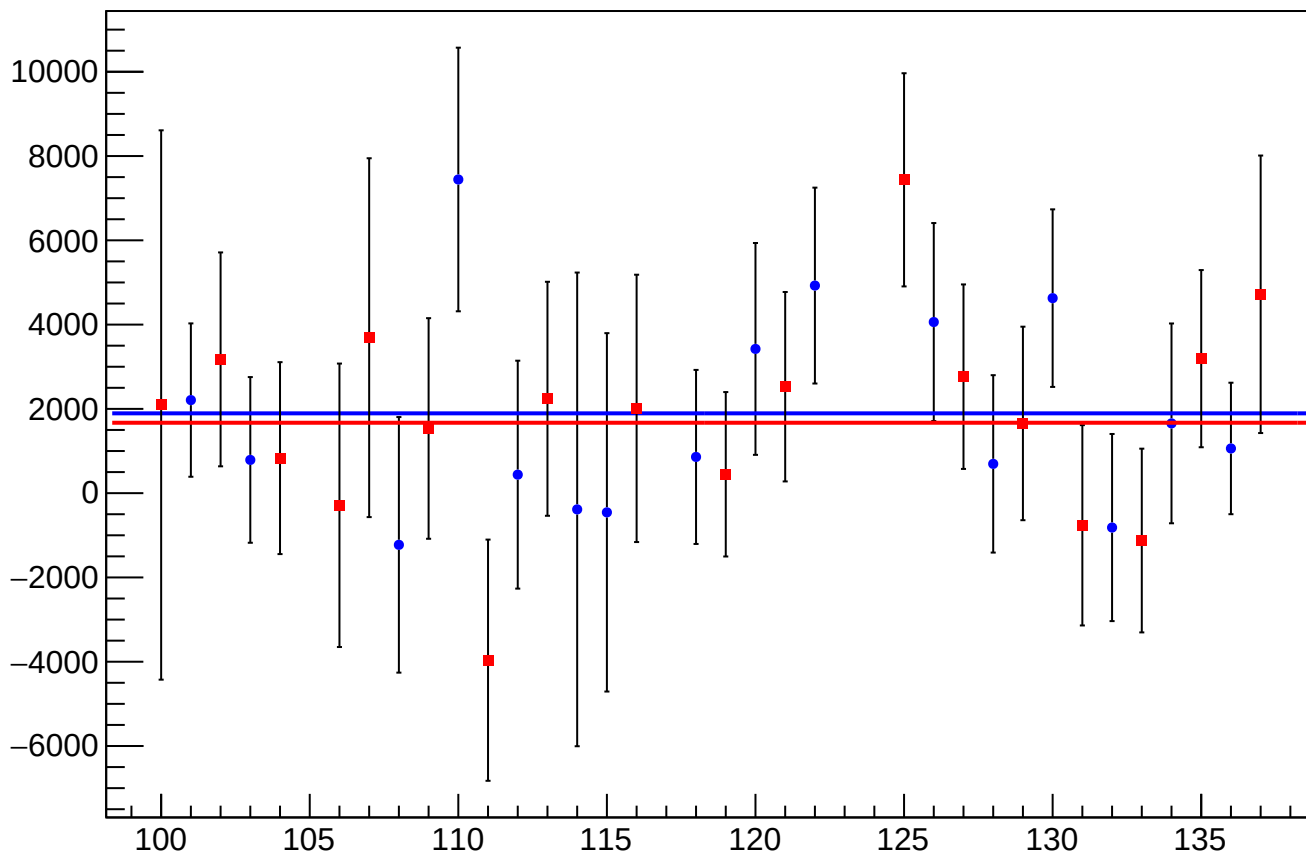
Right: 291.943+/-0.087 χ^2/NDF : 16436092.9/33

In: 651.521+/-0.192 χ^2/NDF :2762681.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 291.943+/-0.087 χ^2/NDF : 16436092.9/33

dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1894.171+/-577.631 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.933+/-604.838 χ^2/NDF : 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

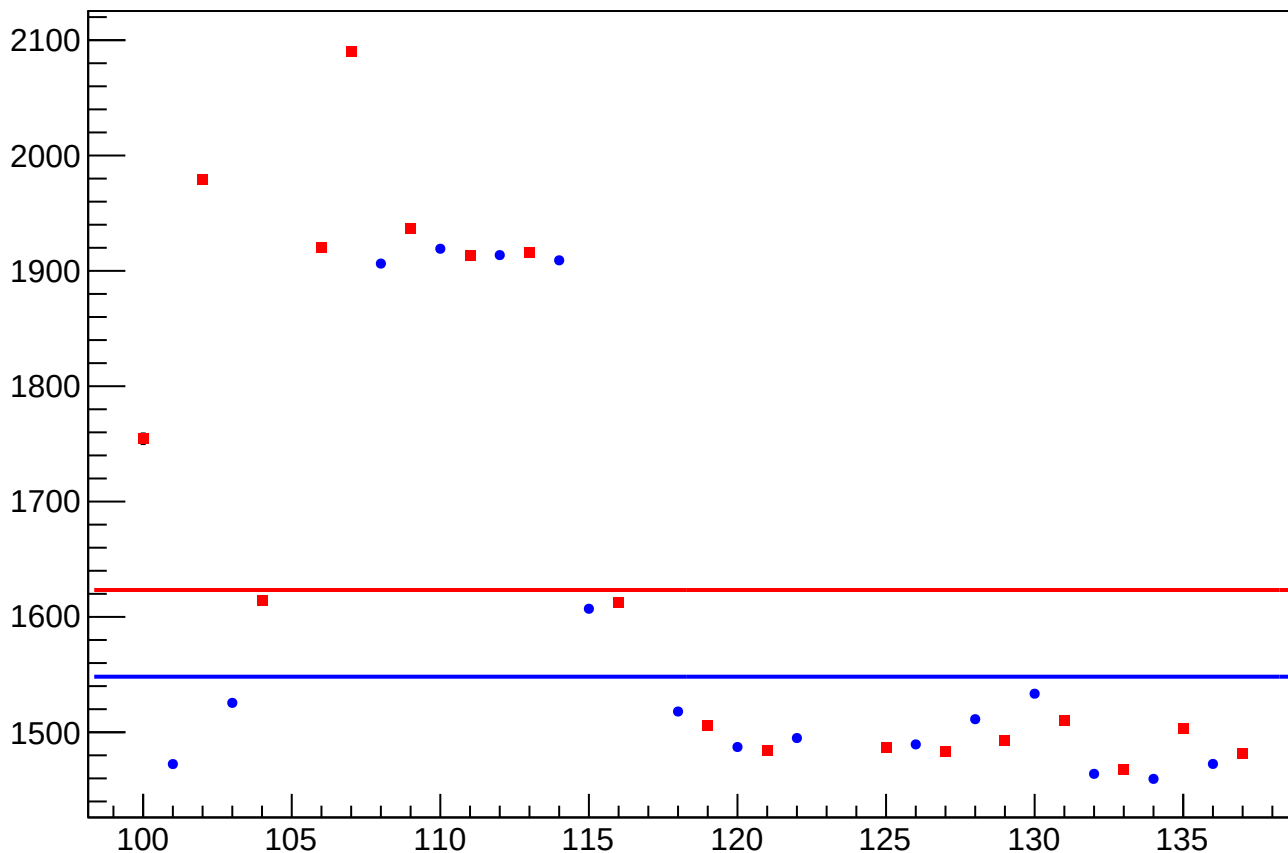
Right: 1787.686+/-417.734 χ^2/NDF : 27.4/33

In: 1894.171+/-577.631 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1787.686+/-417.734 χ^2/NDF : 27.4/33

dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1548.174+/-0.408 χ^2/NDF : 119905.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1623.331+/-0.428 χ^2/NDF : 211534.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

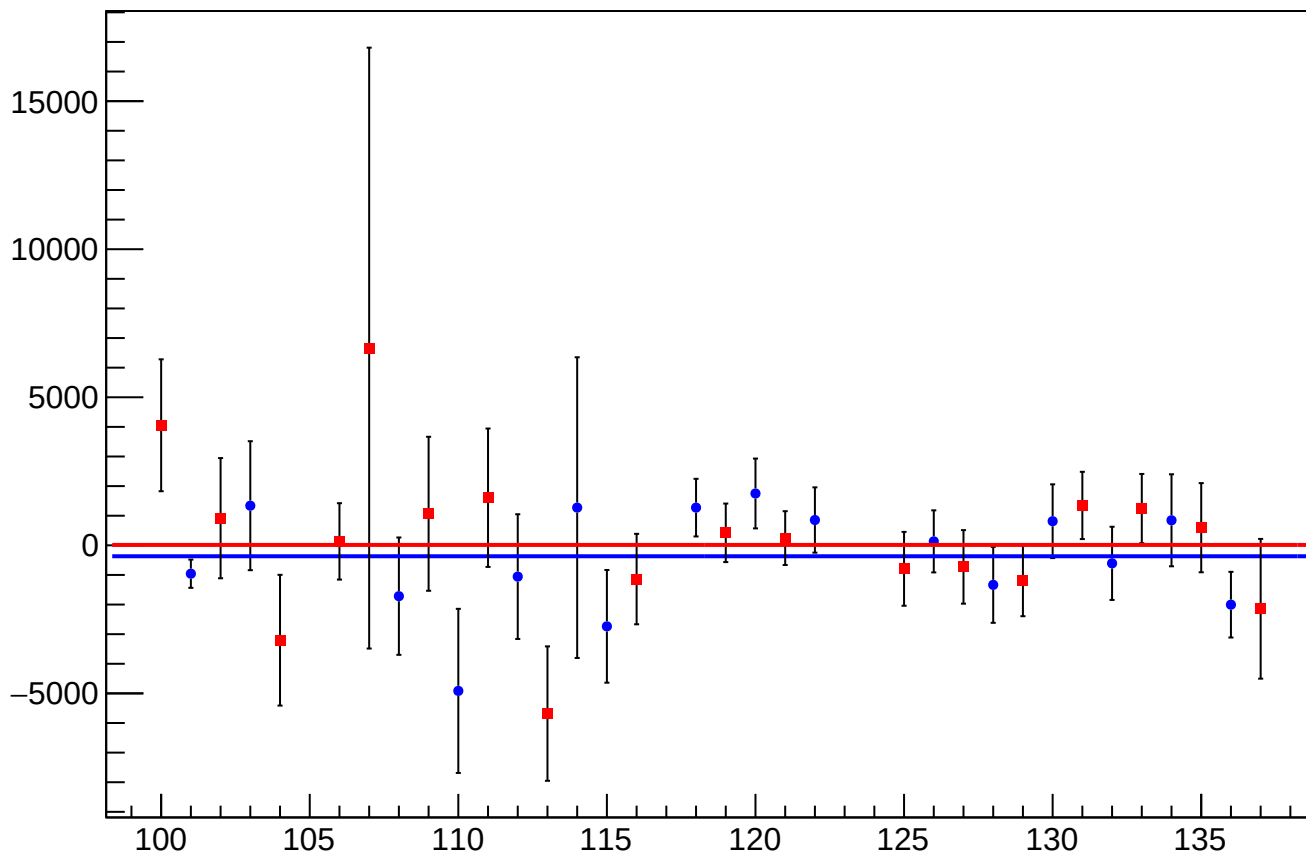
Right: 1584.024+/-0.295 χ^2/NDF : 347589.8/33

In: 1548.174+/-0.408 χ^2/NDF : 119905.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1584.024+/-0.295 χ^2/NDF : 347589.8/33

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.708 $\pm$ 286.577 χ^2 /NDF: 18.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.729 $\pm$ 341.569 χ^2 /NDF: 19.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

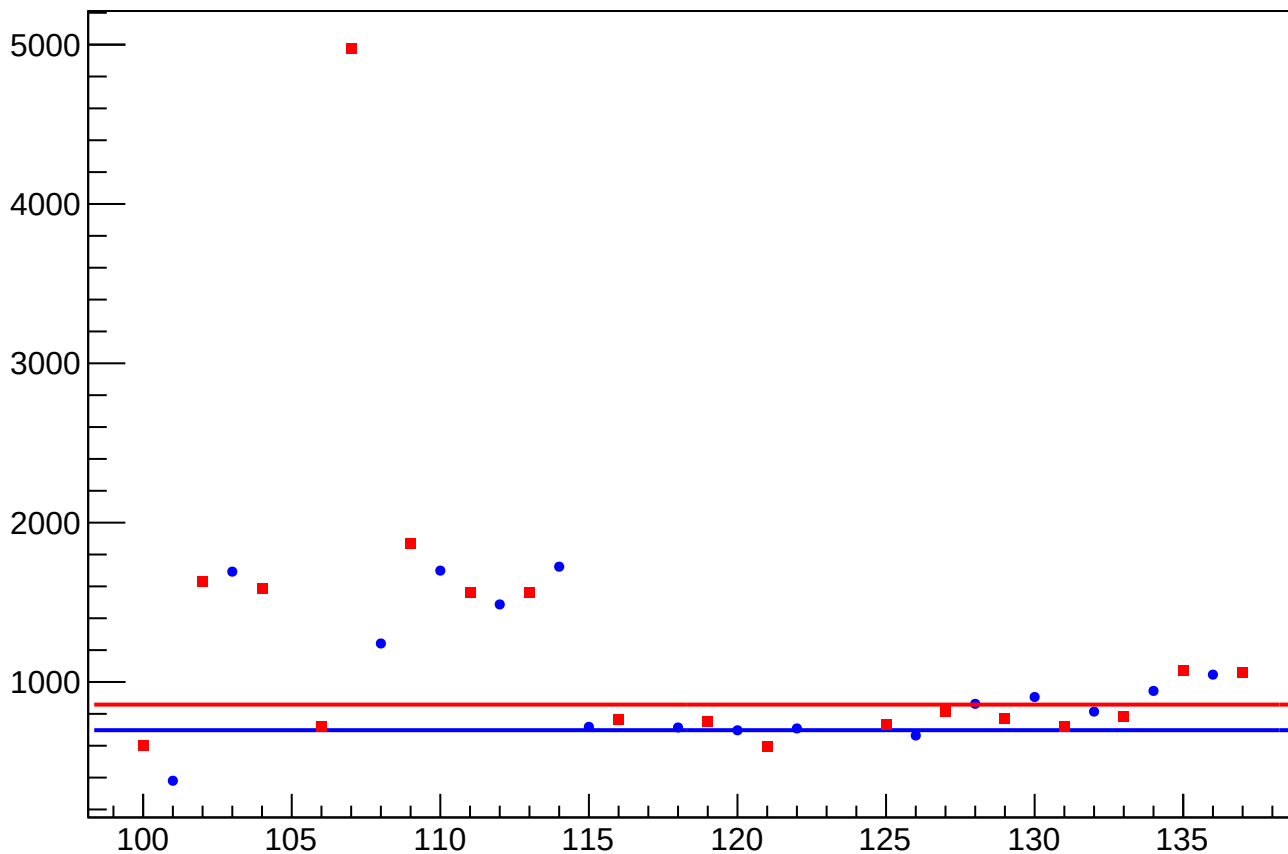
Right: -210.716 $\pm$ 219.541 χ^2 /NDF: 38.7/33

In: -368.708 $\pm$ 286.577 χ^2 /NDF:18.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -210.716 $\pm$ 219.541 χ^2 /NDF: 38.7/33

asym_usl_atl1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 697.517+/-0.203 χ^2/NDF : 2435601.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 858.095+/-0.242 χ^2/NDF : 1882164.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

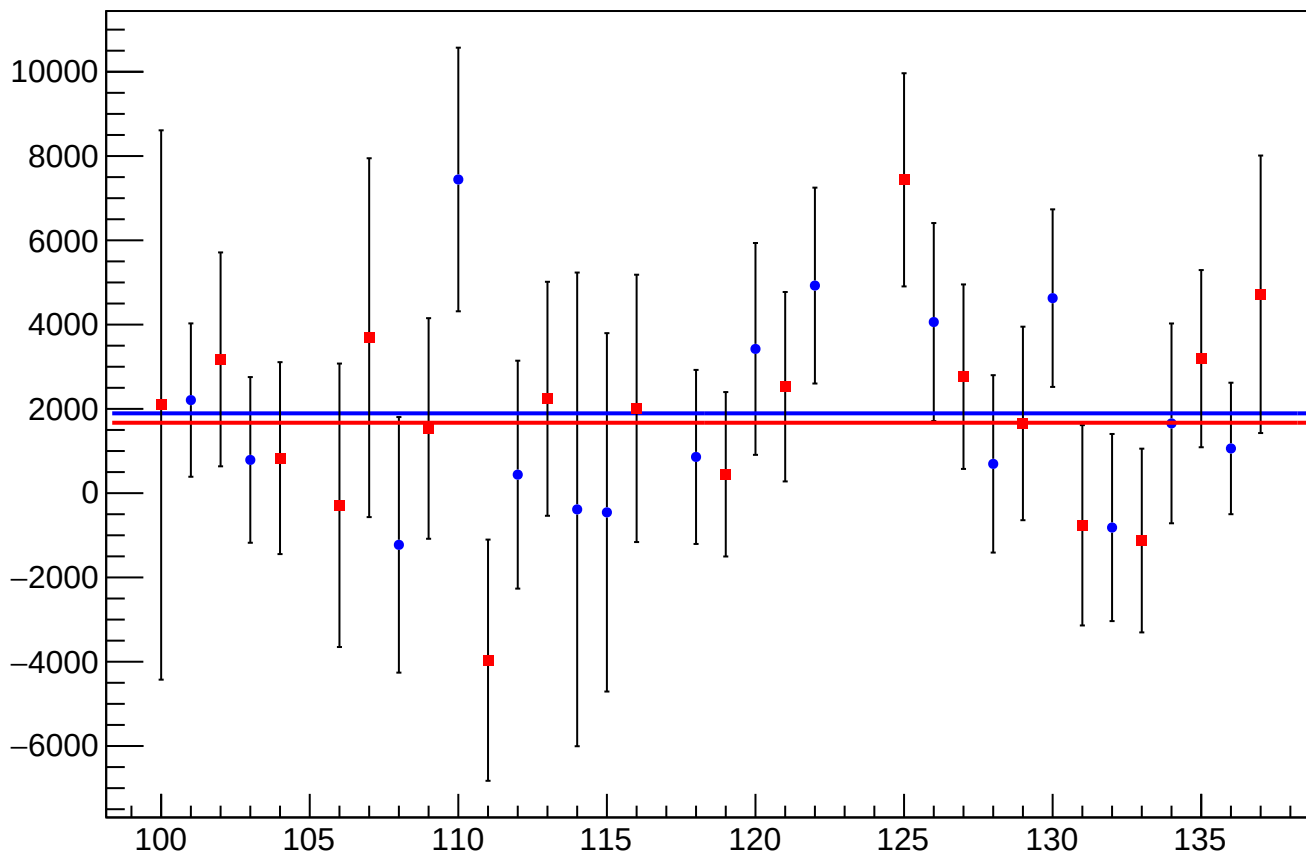
Right: 763.855+/-0.155 χ^2/NDF : 4577183.5/33

In: 697.517+/-0.203 χ^2/NDF :2435601.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 763.855+/-0.155 χ^2/NDF : 4577183.5/33

eigen_dit_asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 1894.169+/-577.630 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.931+/-604.838 χ^2/NDF : 15.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

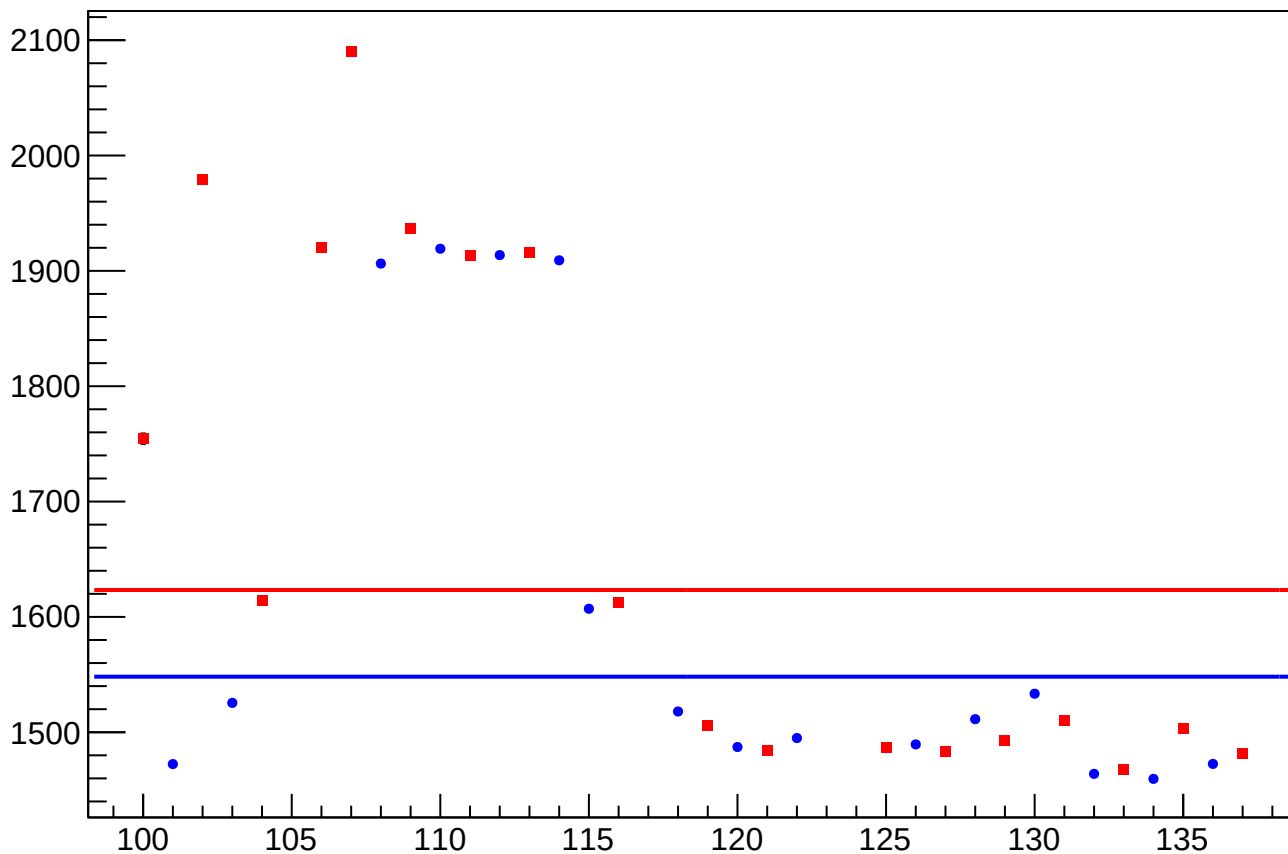
Right: 1787.684+/-417.734 χ^2/NDF : 27.4/33

In: 1894.169+/-577.630 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1787.684+/-417.734 χ^2/NDF : 27.4/33

eigen_dit_asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1548.174+/-0.408 χ^2/NDF : 119905.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1623.330+/-0.428 χ^2/NDF : 211533.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

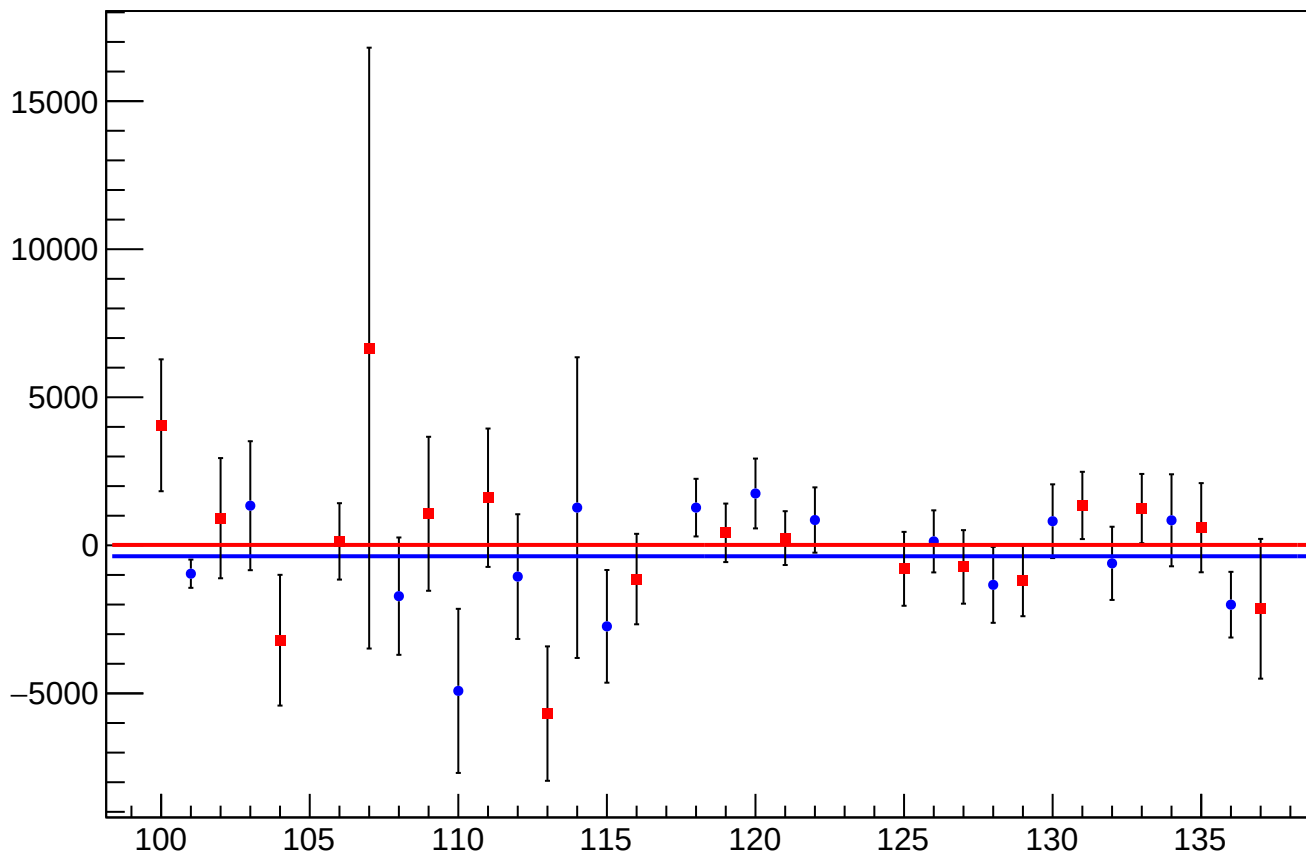
Right: 1584.024+/-0.295 χ^2/NDF : 347589.7/33

In: 1548.174+/-0.408 χ^2/NDF :119905.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1584.024+/-0.295 χ^2/NDF : 347589.7/33

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.707 $\pm$ 286.576 χ^2 /NDF: 18.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.730 $\pm$ 341.568 χ^2 /NDF: 19.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

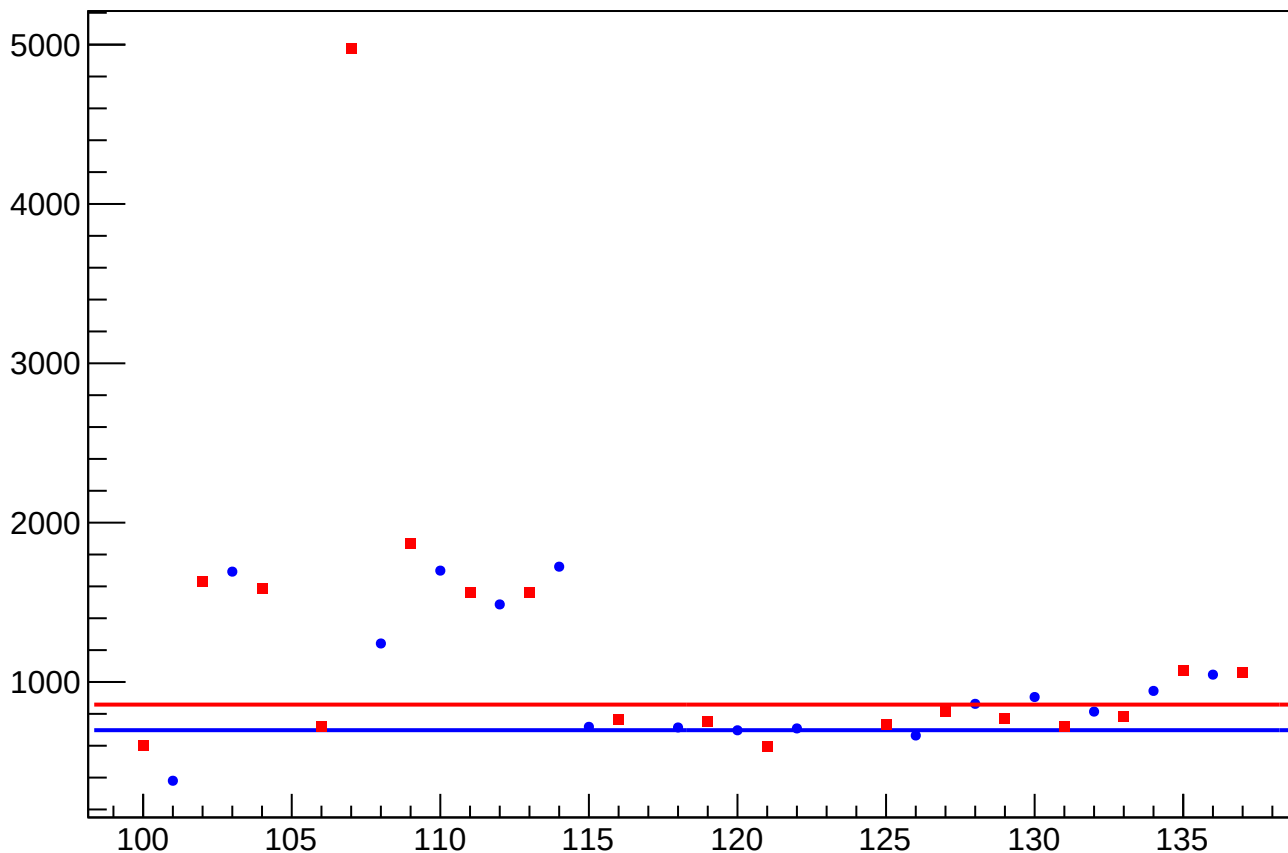
Right: -210.715 $\pm$ 219.541 χ^2 /NDF: 38.7/33

In: -368.707 $\pm$ 286.576 χ^2 /NDF:18.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -210.715 $\pm$ 219.541 χ^2 /NDF: 38.7/33

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 697.517+/-0.203 χ^2/NDF : 2435593.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 858.094+/-0.242 χ^2/NDF : 1882174.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

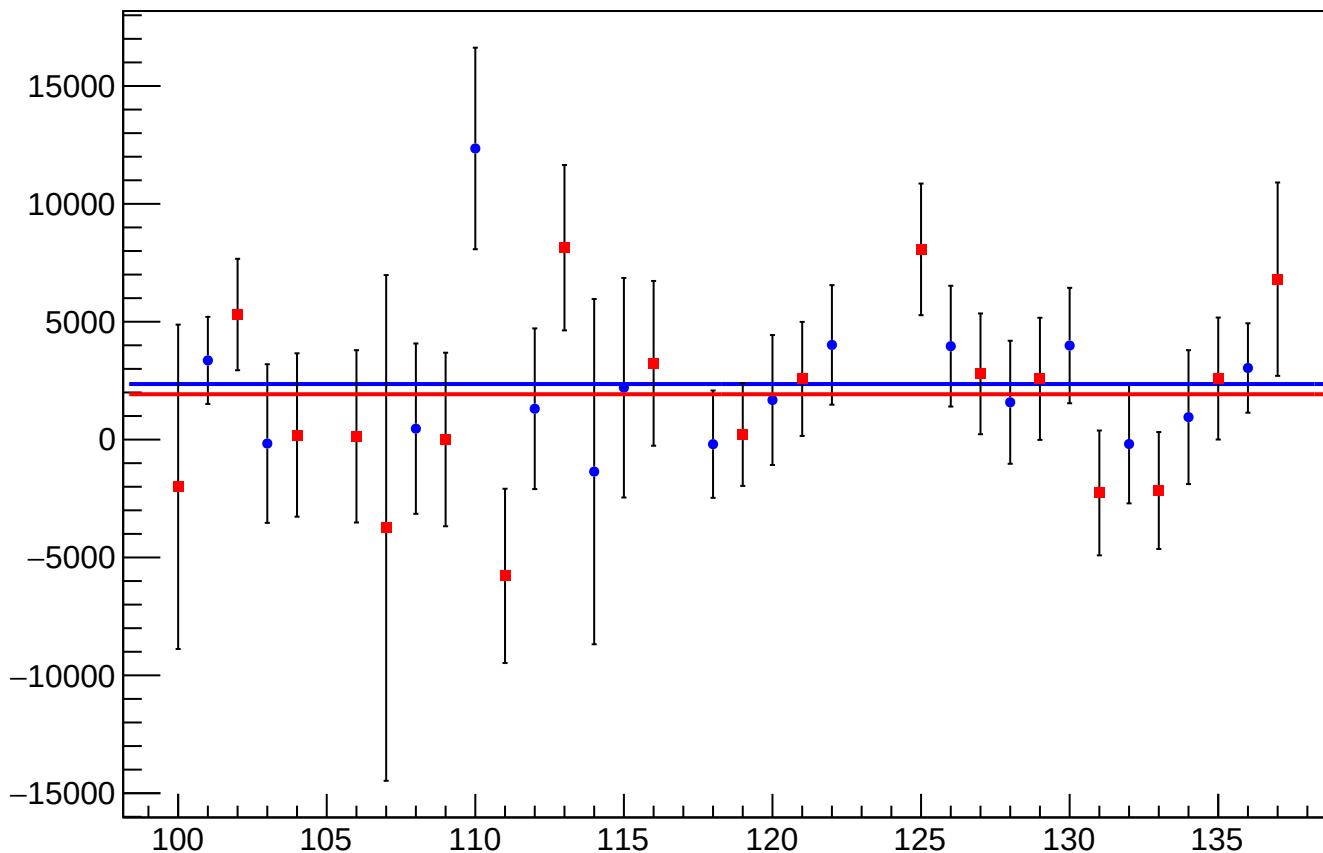
Right: 763.854+/-0.155 χ^2/NDF : 4577181.2/33

In: 697.517+/-0.203 χ^2/NDF :2435593.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 763.854+/-0.155 χ^2/NDF : 4577181.2/33

asym_usl_atl1_avg_mean vs Slug, Sign Corrected



Right In: 2356.998+/-678.944 χ^2/NDF : 11.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1924.824+/-706.809 χ^2/NDF : 23.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

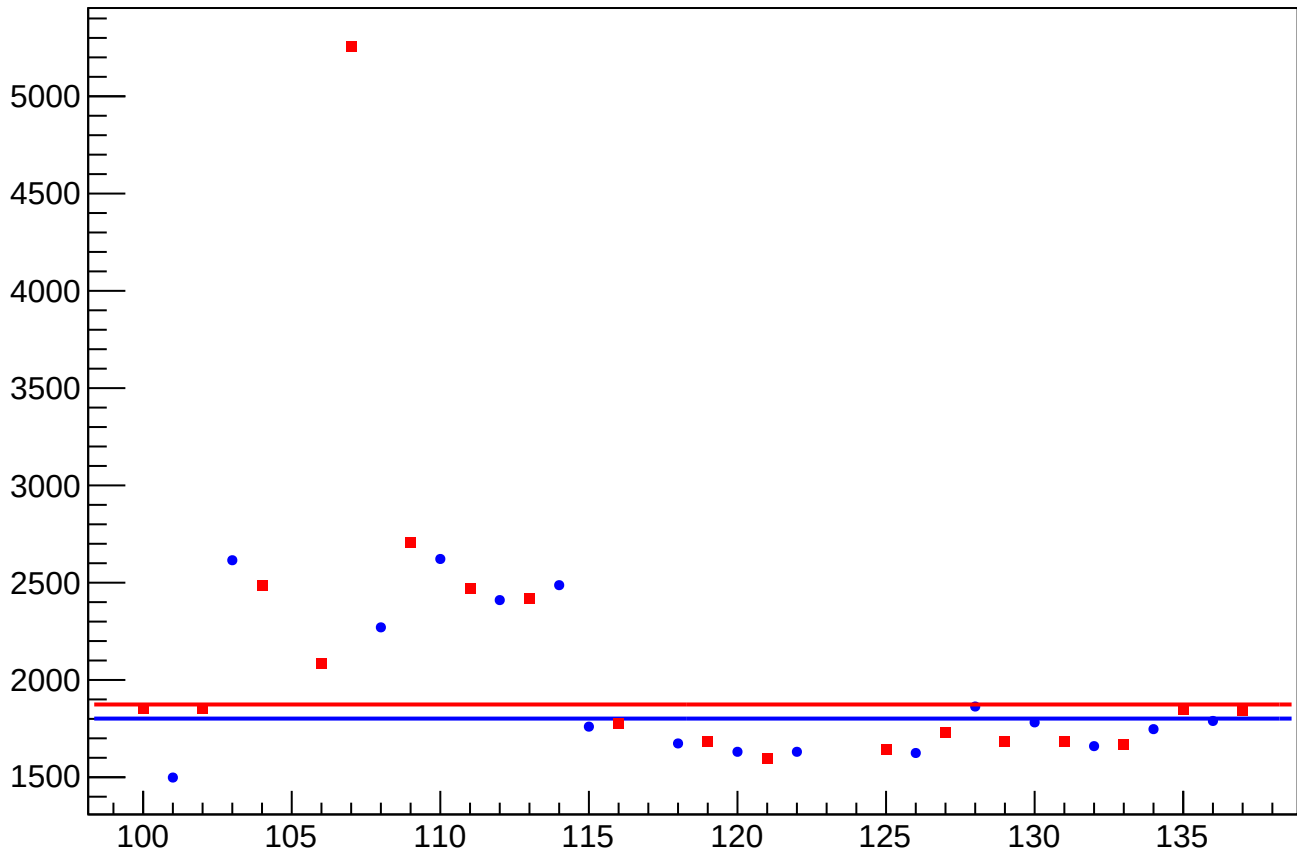
Right: 2149.598+/-489.640 χ^2/NDF : 34.6/33

In: 2356.998+/-678.944 χ^2/NDF : 11.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2149.598+/-489.640 χ^2/NDF : 34.6/33

asym_usl_atl1_avg_rms vs Slug, Sign Corrected



Right In: 1801.529+/-0.480 χ^2/NDF : 400702.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1873.976+/-0.500 χ^2/NDF : 569909.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

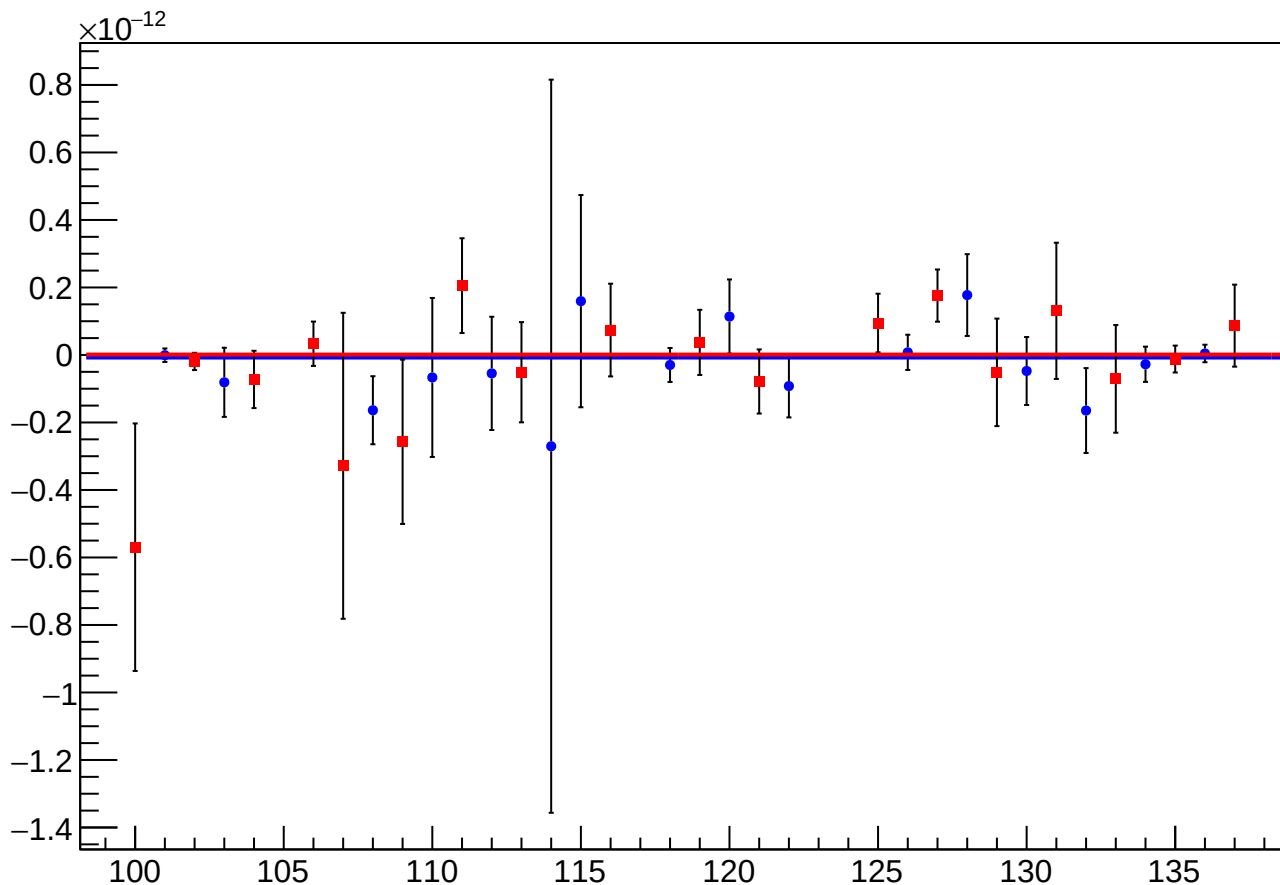
Right: 1836.296+/-0.346 χ^2/NDF : 981540.0/33

In: 1801.529+/-0.480 χ^2/NDF : 400702.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.296+/-0.346 χ^2/NDF : 981540.0/33

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

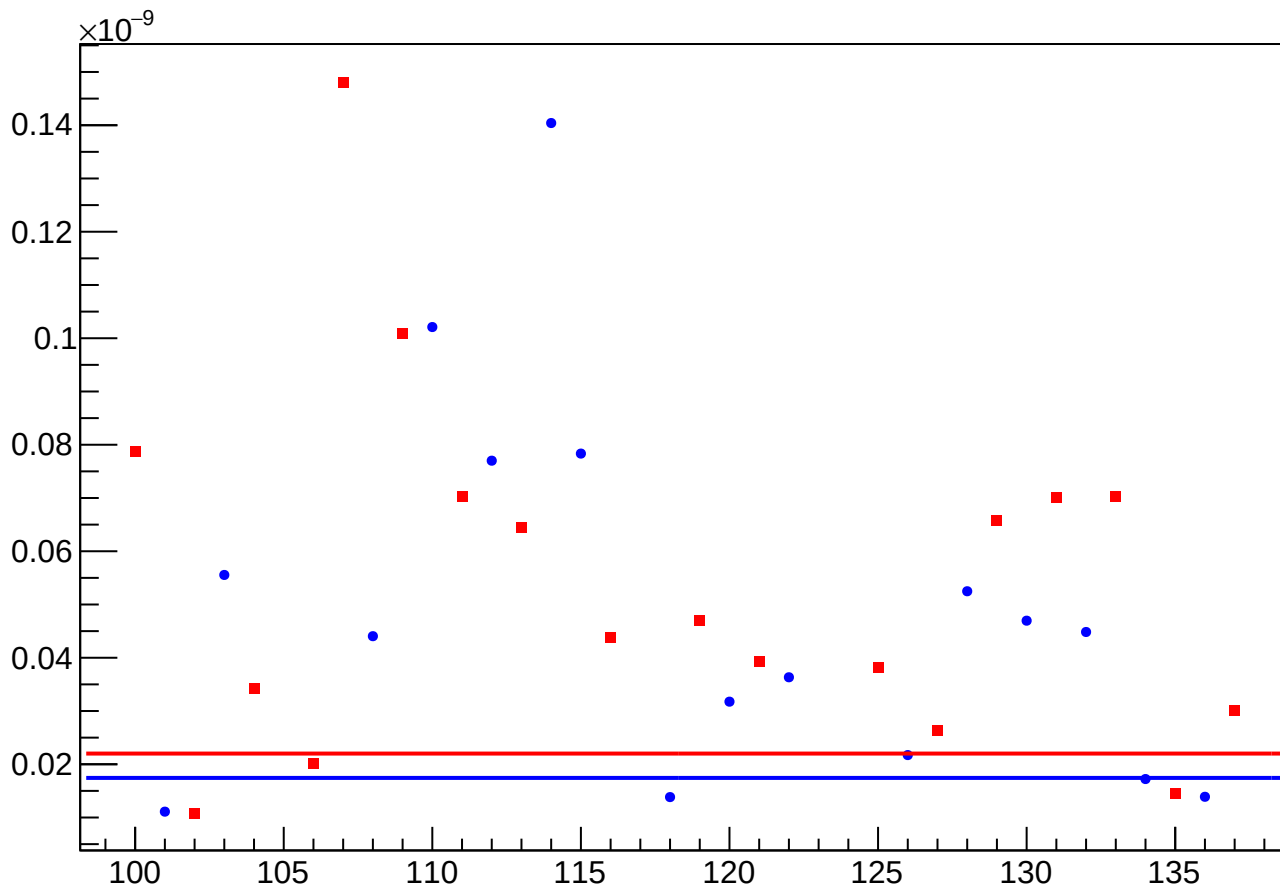
Right: -0.000+/-0.000 χ^2/NDF : 27.1/33

In: -0.000+/-0.000 χ^2/NDF : 10.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.1/33

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1840069.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2098640.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

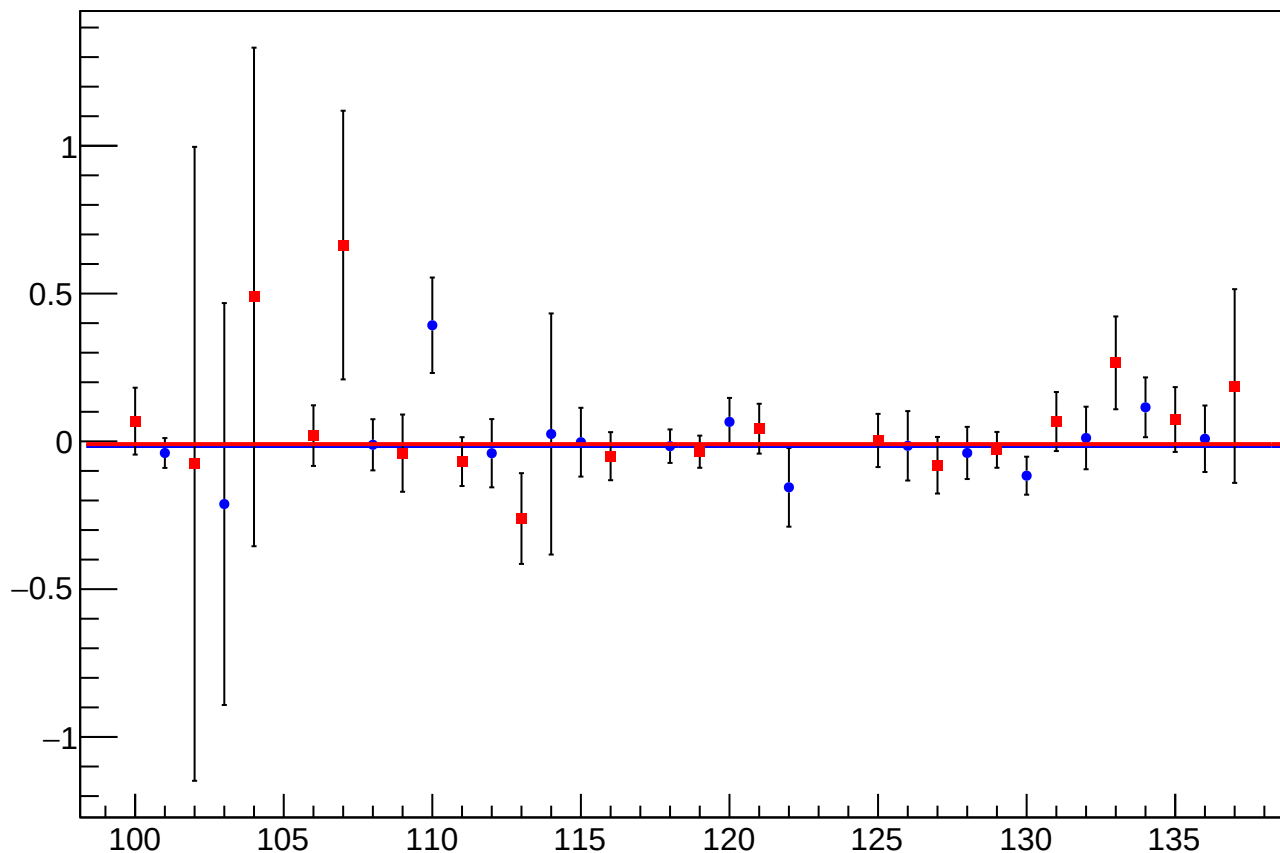
Right: 0.000+/-0.000 χ^2/NDF : 4028264.0/33

In: 0.000+/-0.000 χ^2/NDF : 1840069.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4028264.0/33

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.023 χ^2/NDF : 13.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.024 χ^2/NDF : 12.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

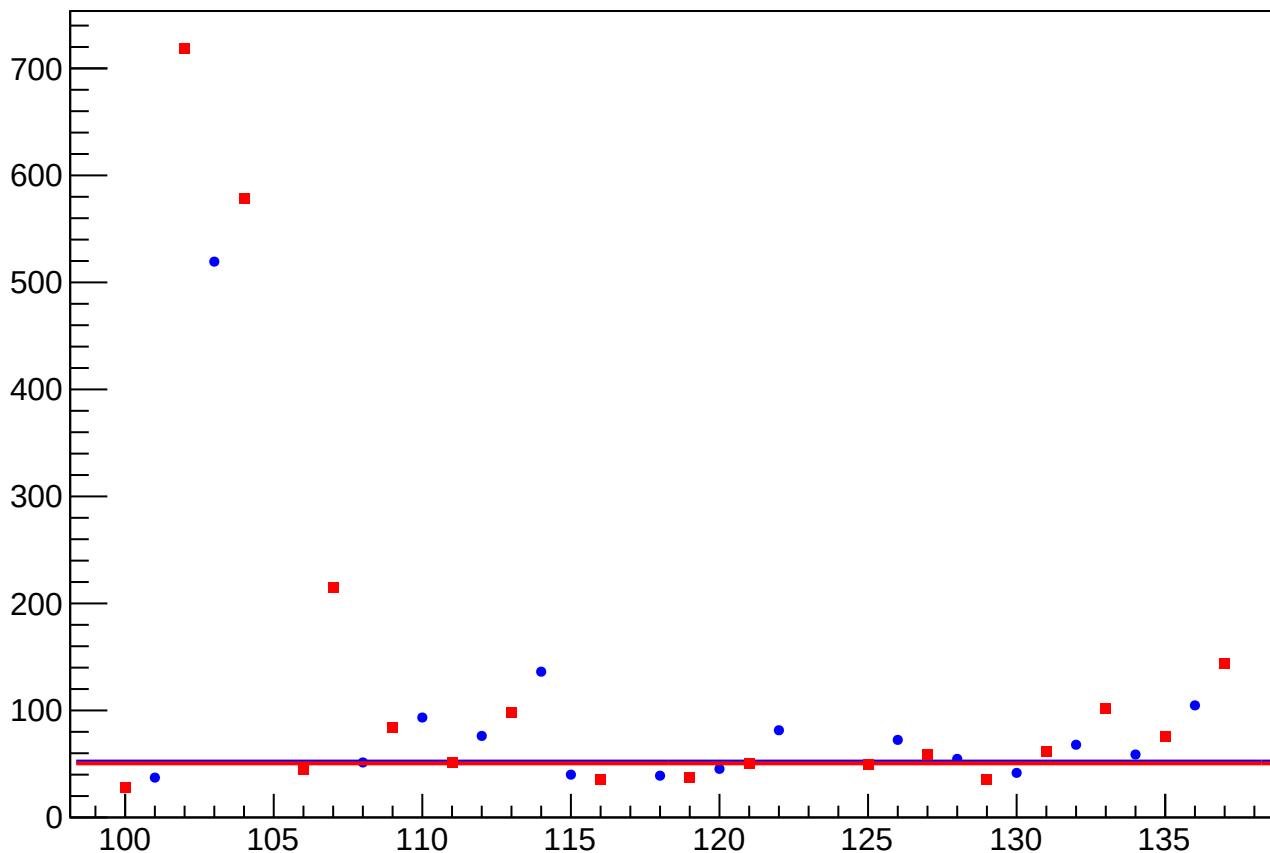
Right: -0.013 ± 0.016 χ^2/NDF : 25.7/33

In: -0.016 ± 0.023 χ^2/NDF : 13.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.016 χ^2/NDF : 25.7/33

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.582+/-0.017 χ^2/NDF : 3051379.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

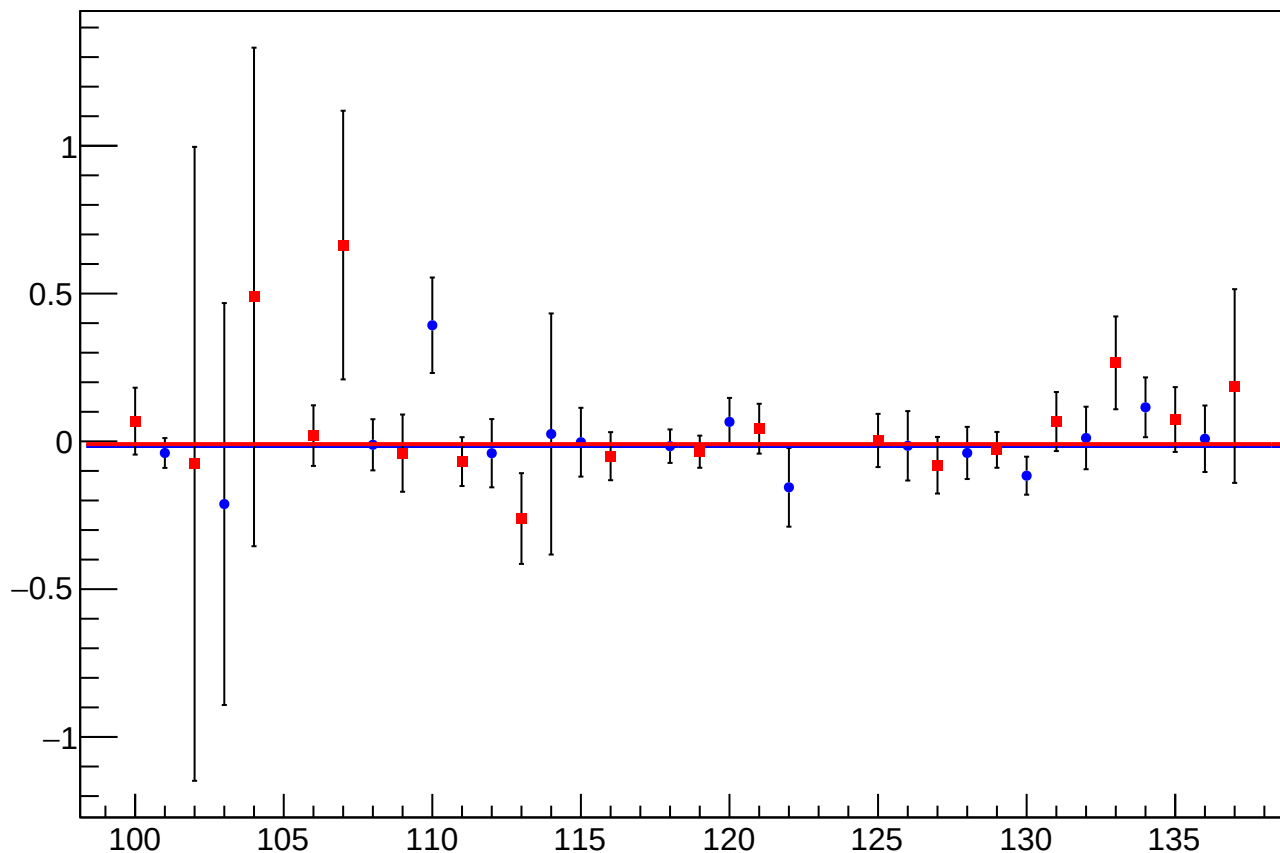
Right: 51.419+/-0.012 χ^2/NDF : 5323147.3/33

In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.419+/-0.012 χ^2/NDF : 5323147.3/33

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.023 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.009 ± 0.024 $\chi^2/\text{NDF}: 12.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

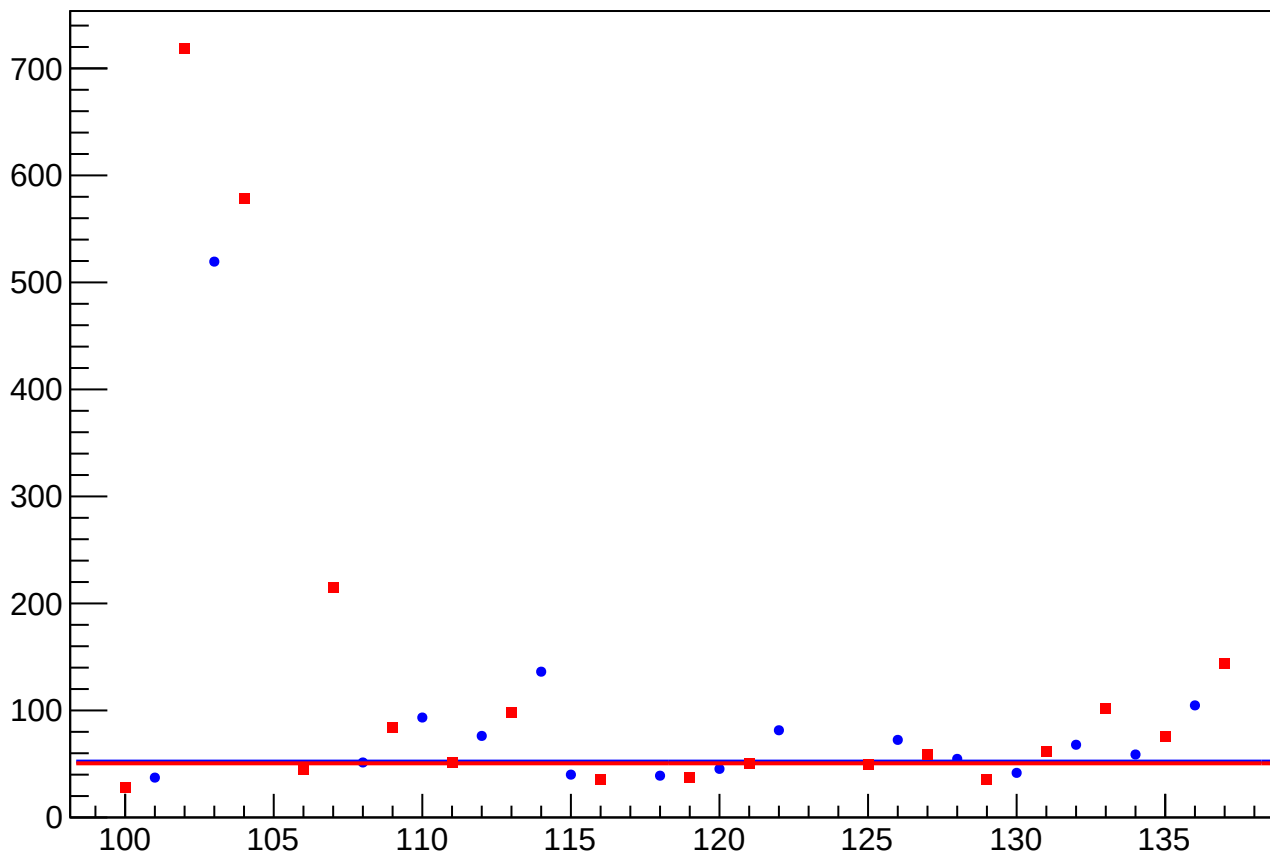
Right: -0.013 ± 0.016 $\chi^2/\text{NDF}: 25.7/33$

In: -0.016 ± 0.023 $\chi^2/\text{NDF}: 13.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.013 ± 0.016 $\chi^2/\text{NDF}: 25.7/33$

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.582+/-0.017 χ^2/NDF : 3051379.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

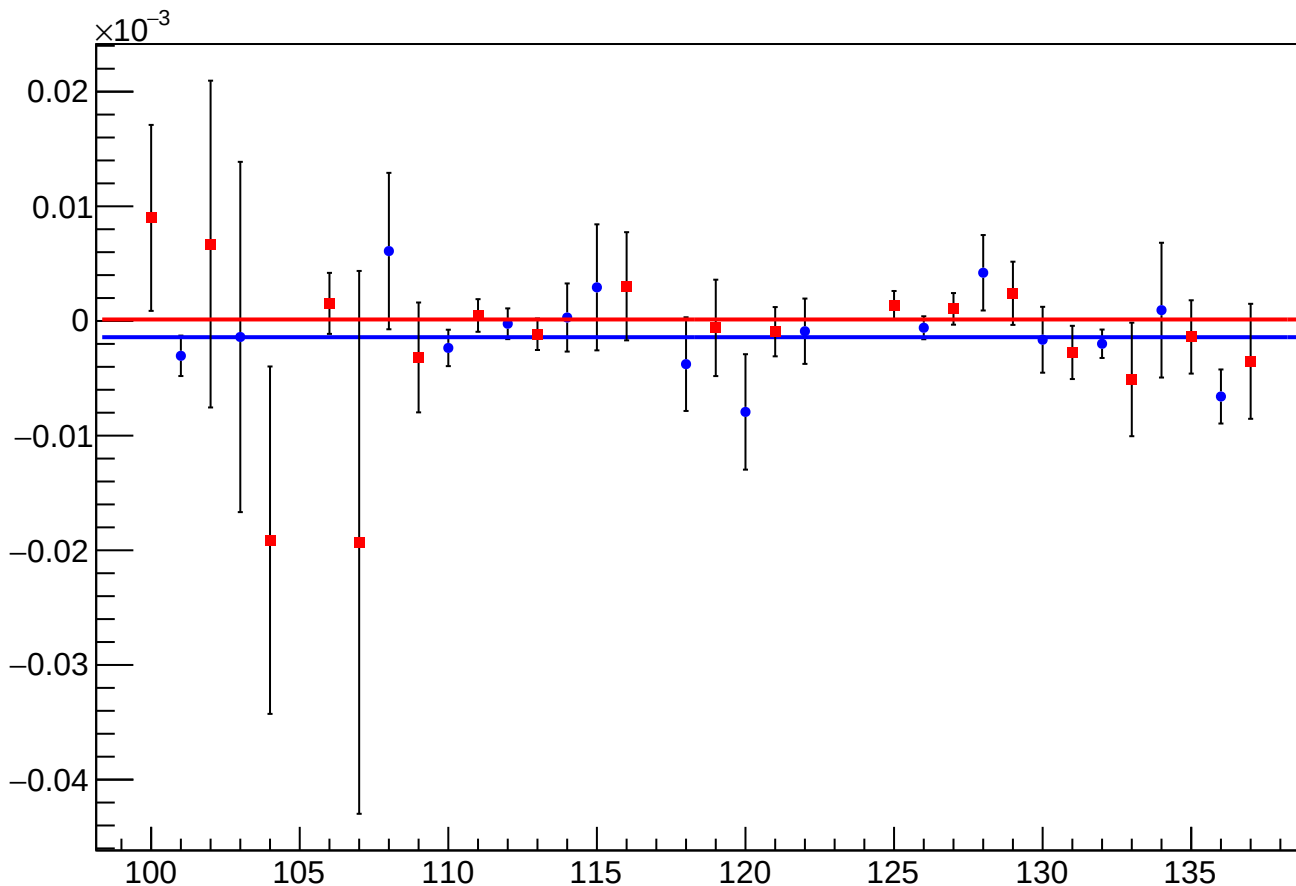
Right: 51.419+/-0.012 χ^2/NDF : 5323147.3/33

In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.419+/-0.012 χ^2/NDF : 5323147.3/33

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

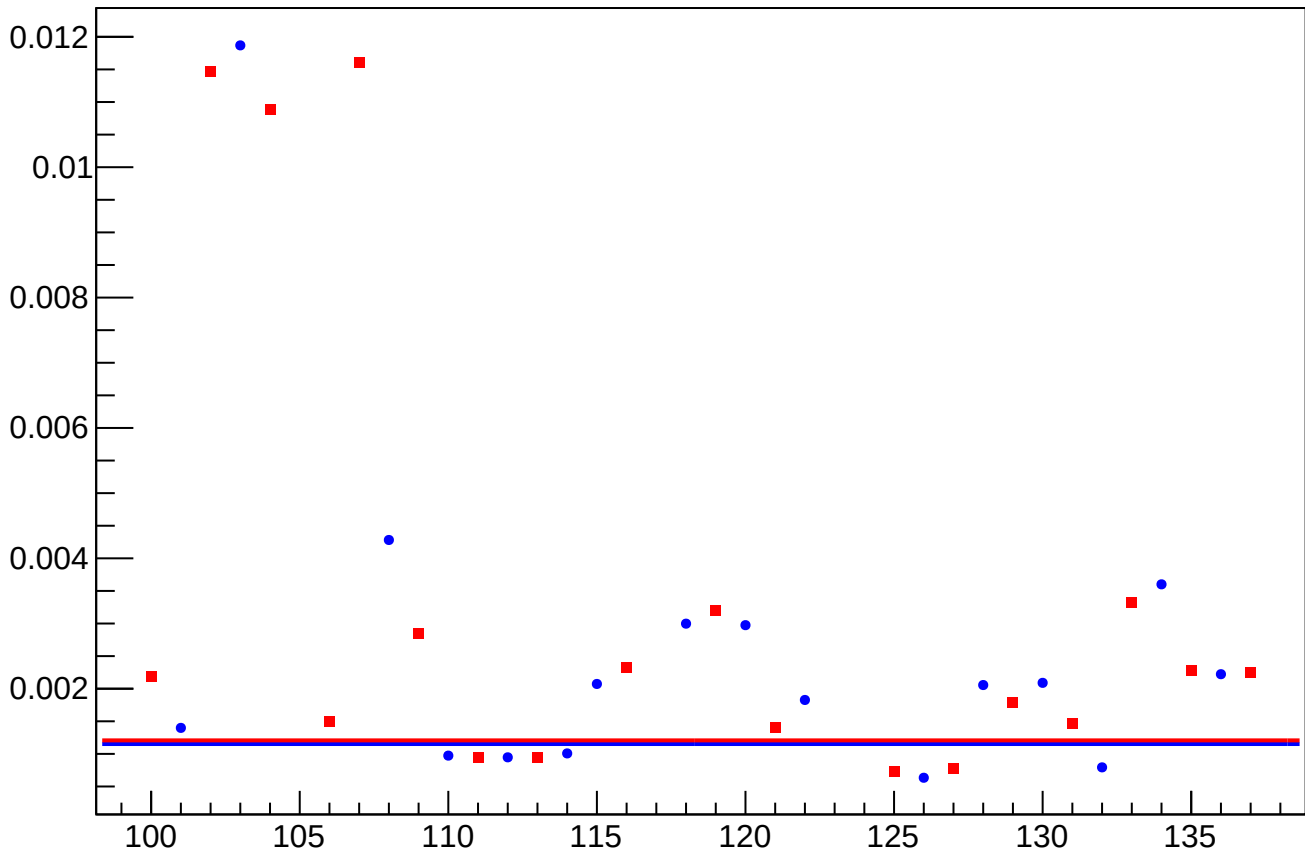
Right: -0.000+/-0.000 χ^2/NDF : 30.7/33

In: -0.000+/-0.000 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.7/33

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 4187928.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4521920.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

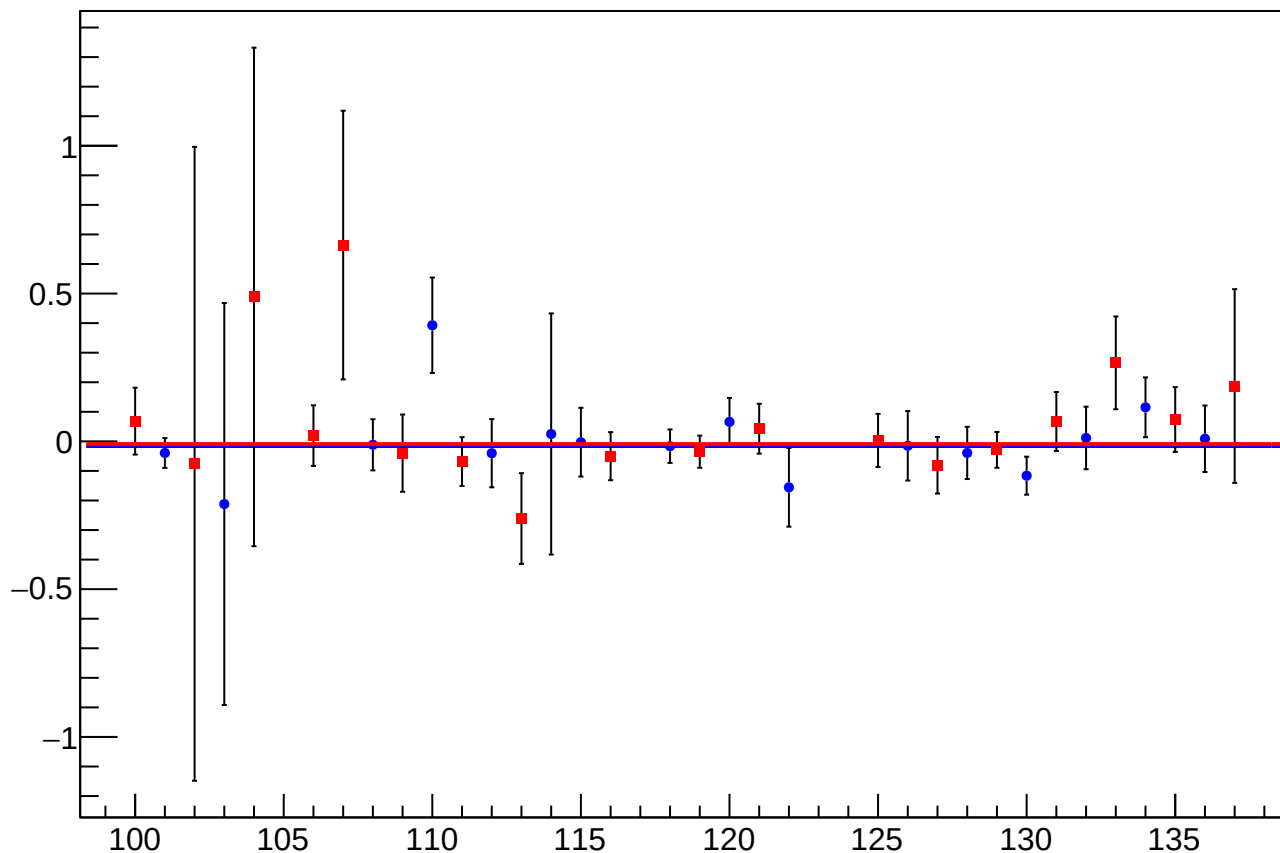
Right: 0.001+/-0.000 χ^2/NDF : 8720631.4/33

In: 0.001+/-0.000 χ^2/NDF :4187928.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8720631.4/33

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.023 χ^2 /NDF: 13.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.009+/-0.024 χ^2 /NDF: 12.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

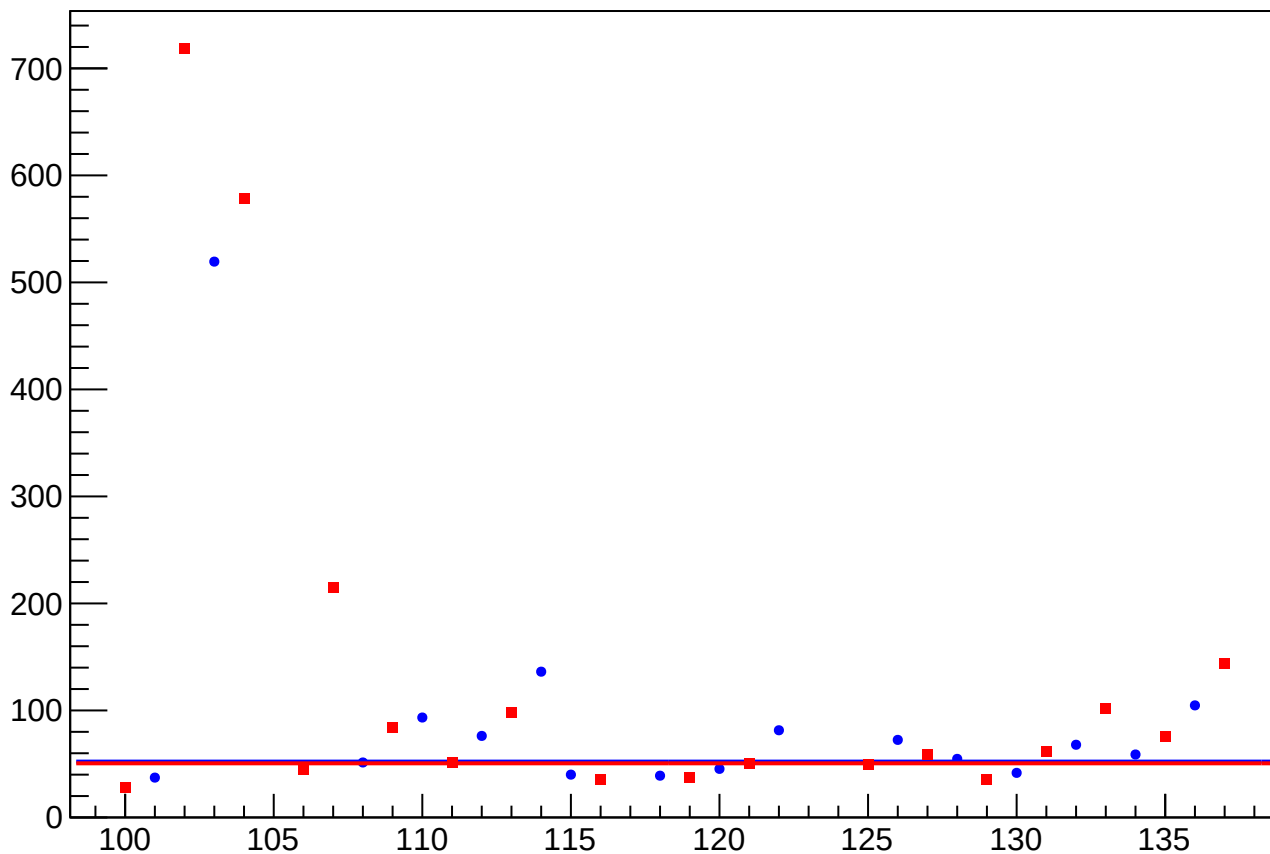
Right: -0.013+/-0.016 χ^2 /NDF: 25.7/33

In: -0.016+/-0.023 χ^2 /NDF:13.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.013+/-0.016 χ^2 /NDF: 25.7/33

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.191+/-0.016 χ^2/NDF : 2266922.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 50.582+/-0.017 χ^2/NDF : 3051364.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

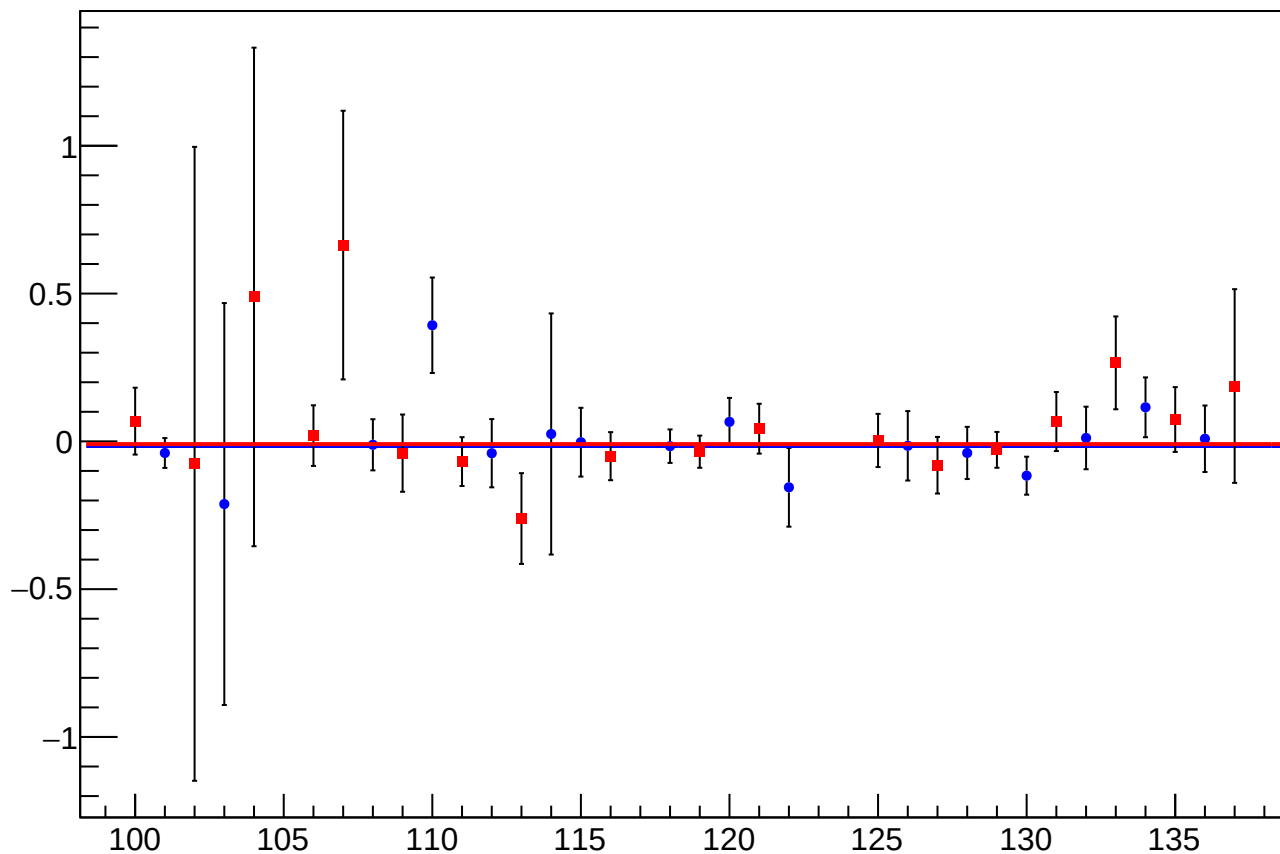
Right: 51.419+/-0.012 χ^2/NDF : 5323126.6/33

In: 52.191+/-0.016 χ^2/NDF :2266922.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.419+/-0.012 χ^2/NDF : 5323126.6/33

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.023 χ^2 /NDF: 13.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.009+/-0.024 χ^2 /NDF: 12.5/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

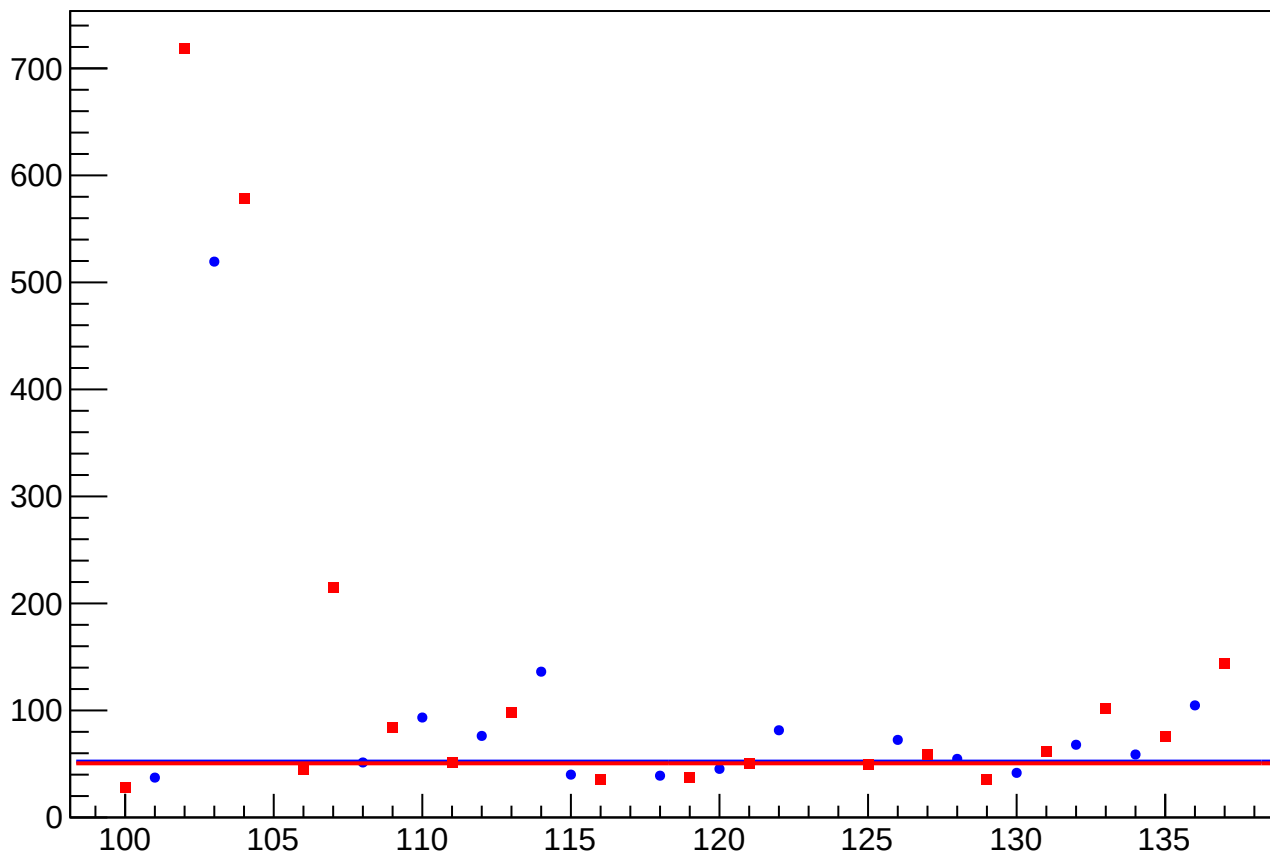
Right: -0.013+/-0.016 χ^2 /NDF: 25.7/33

In: -0.016+/-0.023 χ^2 /NDF:13.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.013+/-0.016 χ^2 /NDF: 25.7/33

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.191+/-0.016 χ^2/NDF : 2266922.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.582+/-0.017 χ^2/NDF : 3051364.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

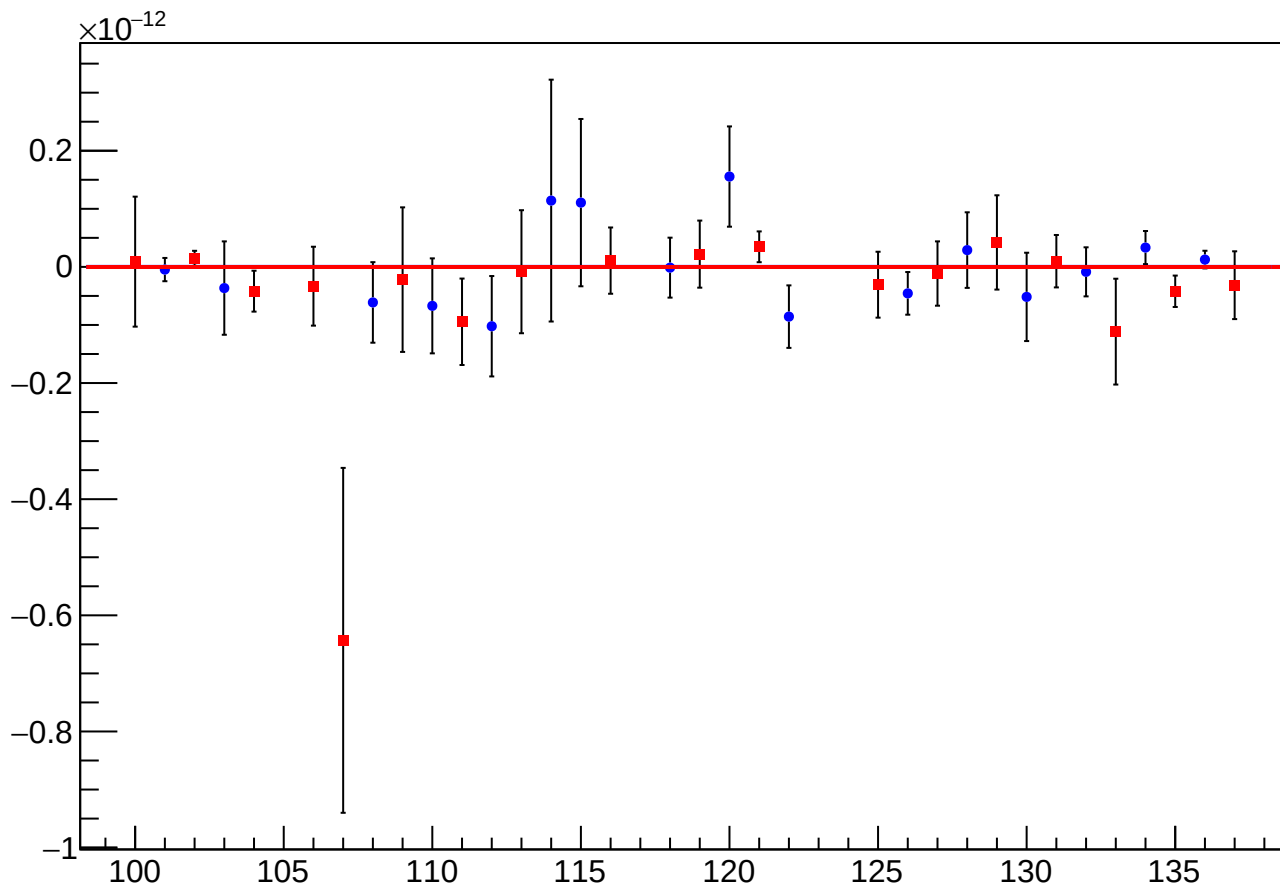
Right: 51.419+/-0.012 χ^2/NDF : 5323126.6/33

In: 52.191+/-0.016 χ^2/NDF : 2266922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.419+/-0.012 χ^2/NDF : 5323126.6/33

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

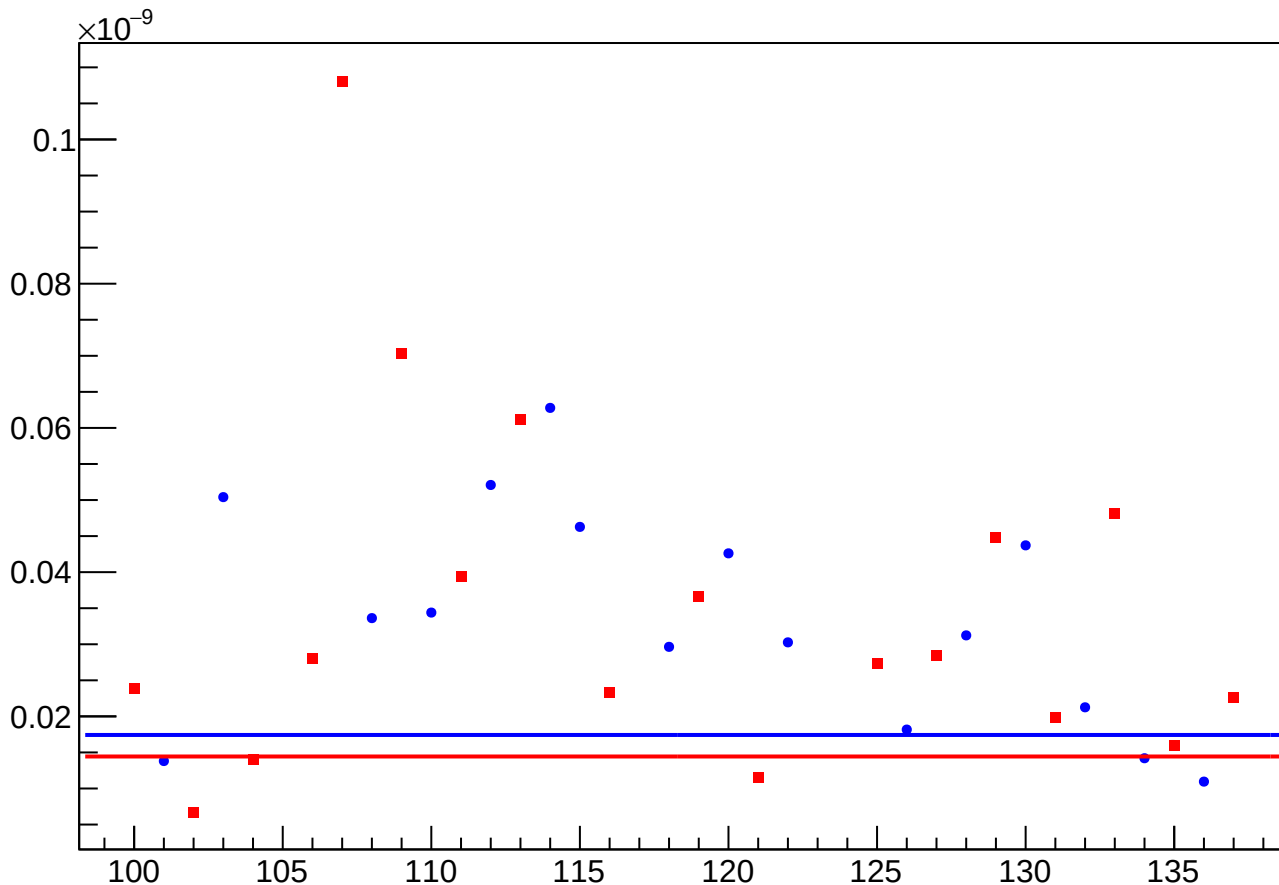
Right: -0.000+/-0.000 χ^2/NDF : 30.1/33

In: -0.000+/-0.000 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/33

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2224531.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3261103.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

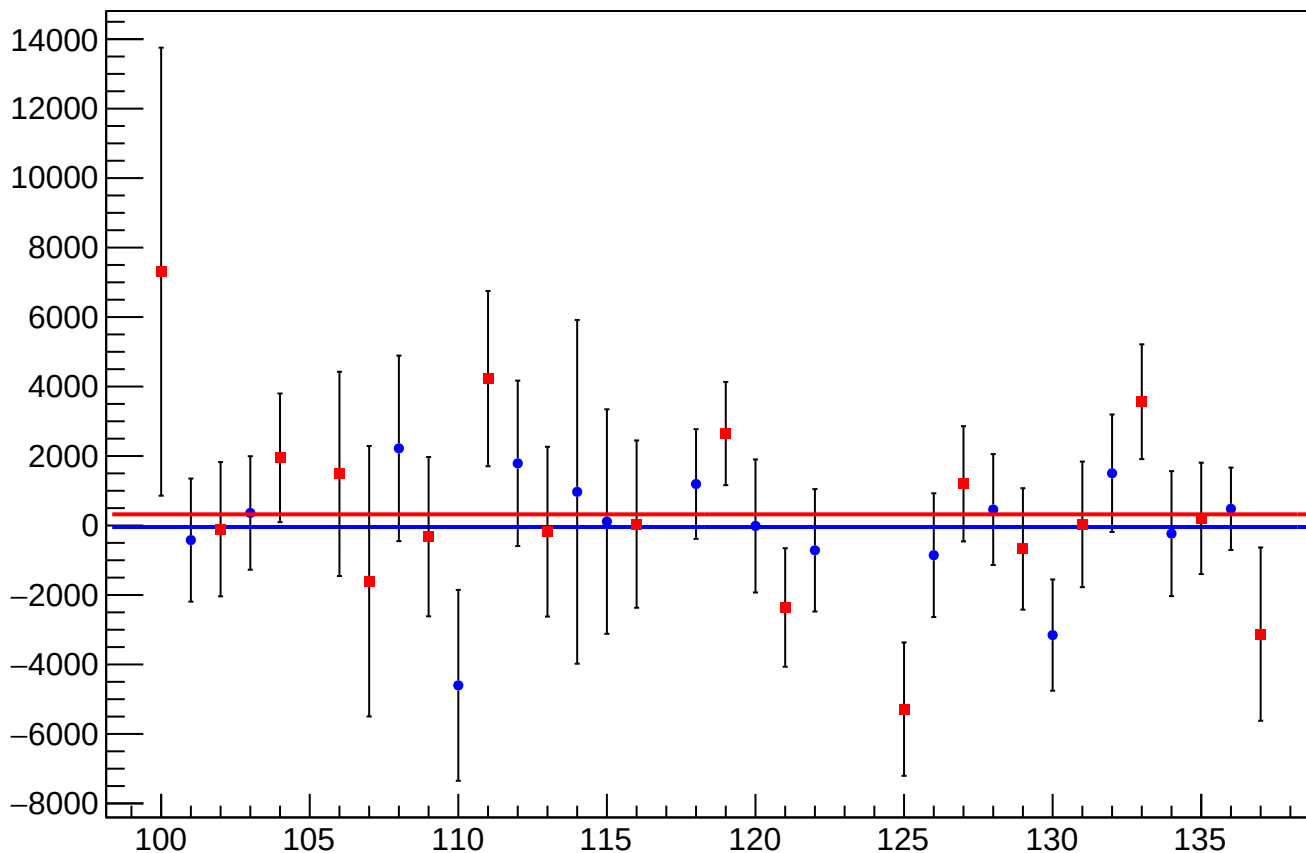
Right: 0.000+/-0.000 χ^2/NDF : 5591516.4/33

In: 0.000+/-0.000 χ^2/NDF : 2224531.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5591516.4/33

reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -43.681+/-459.222 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.266+/-474.939 χ^2/NDF : 24.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

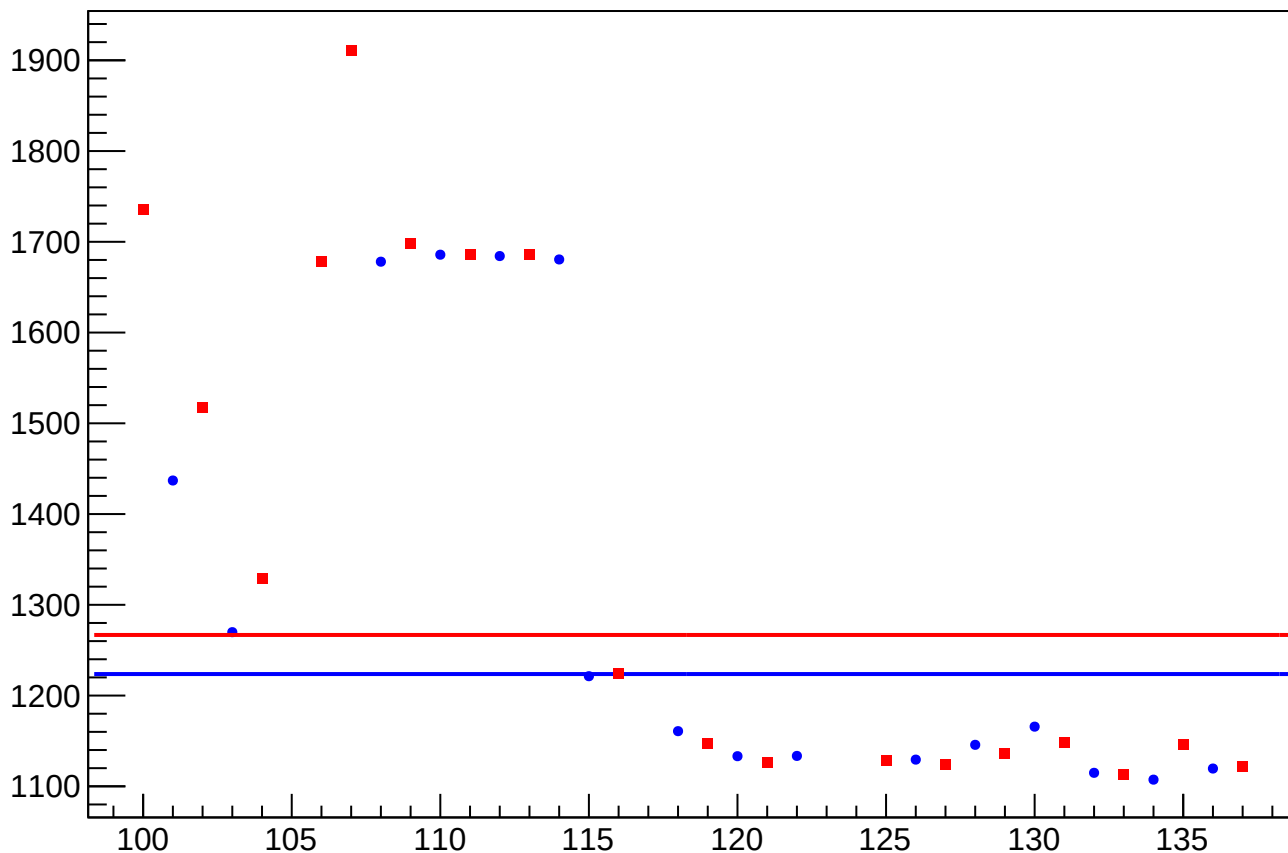
Right: 132.654+/-330.136 χ^2/NDF : 35.2/33

In: -43.681+/-459.222 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 132.654+/-330.136 χ^2/NDF : 35.2/33

reg_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1266.780+/-0.336 χ^2/NDF : 432845.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

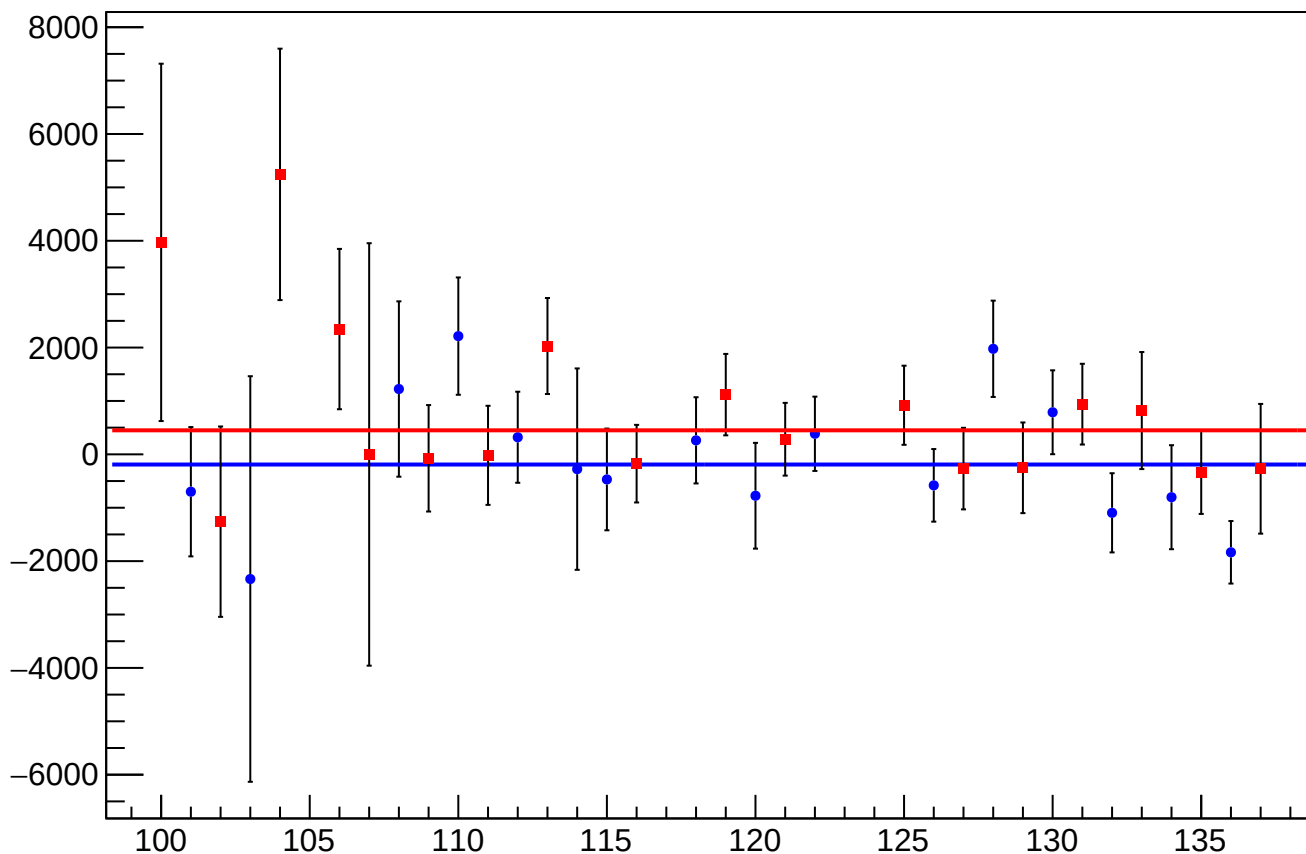
Right: 1244.518+/-0.233 χ^2/NDF : 736313.8/33

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.518+/-0.233 χ^2/NDF : 736313.8/33

asym_usl_atl1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -190.634+/-222.869 χ^2 /NDF: 25.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 449.847+/-223.203 χ^2 /NDF: 16.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

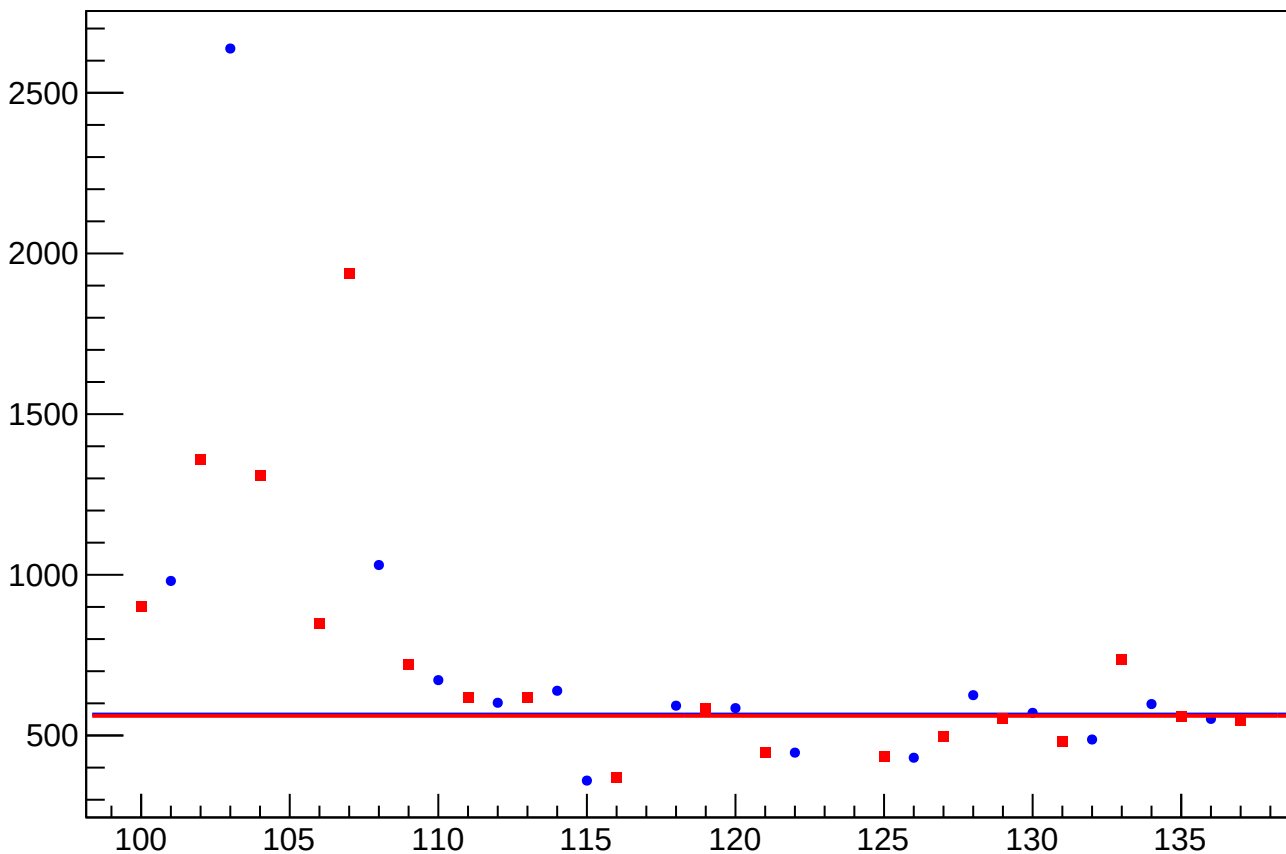
Right: 129.127+/-157.710 χ^2 /NDF: 46.2/33

In: -190.634+/-222.869 χ^2 /NDF:25.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 129.127+/-157.710 χ^2 /NDF: 46.2/33

asym_usl_atl1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 564.959+/-0.158 χ^2/NDF : 1284478.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.243+/-0.158 χ^2/NDF : 1352239.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

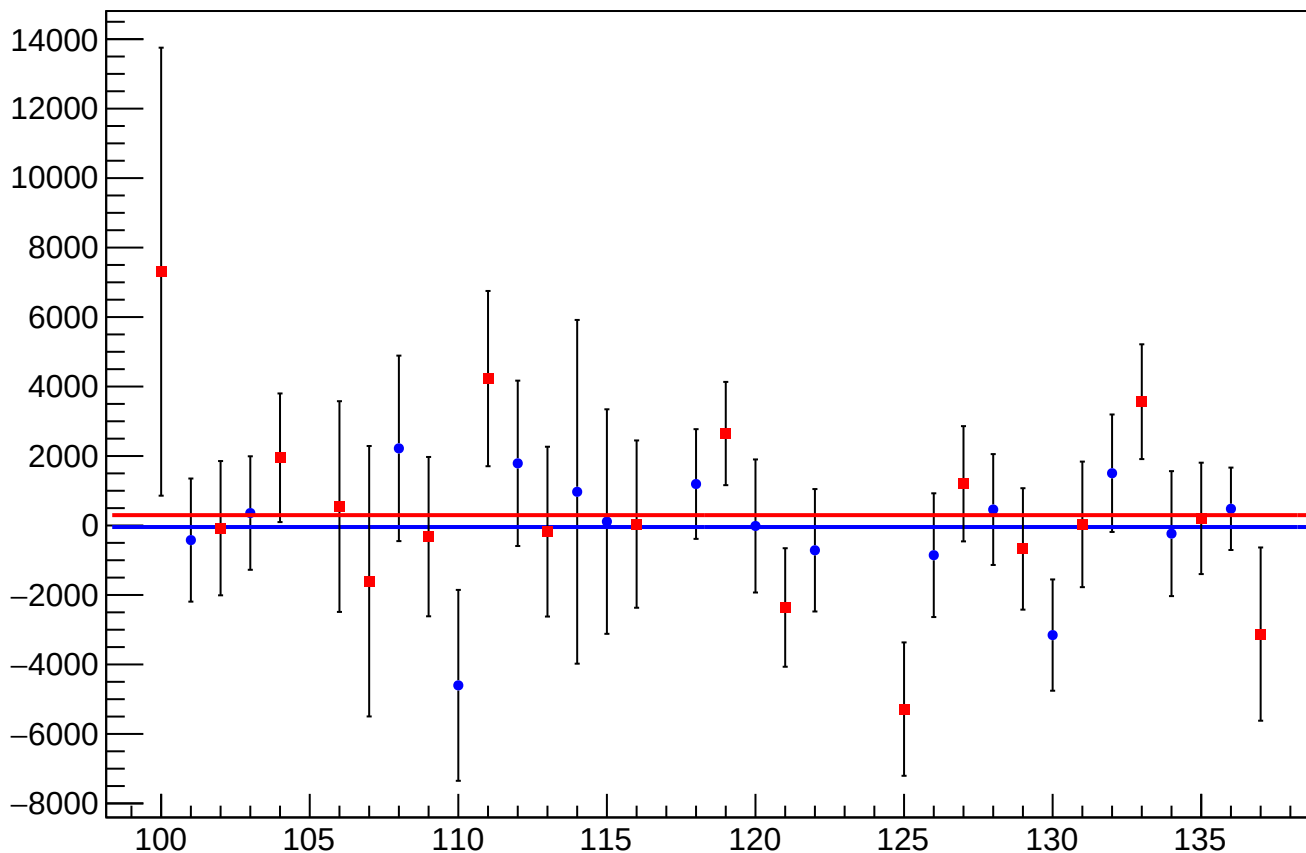
Right: 563.104+/-0.112 χ^2/NDF : 2636995.6/33

In: 564.959+/-0.158 χ^2/NDF : 1284478.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.104+/-0.112 χ^2/NDF : 2636995.6/33

cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -43.923+/-459.222 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 298.207+/-475.315 χ^2/NDF : 24.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

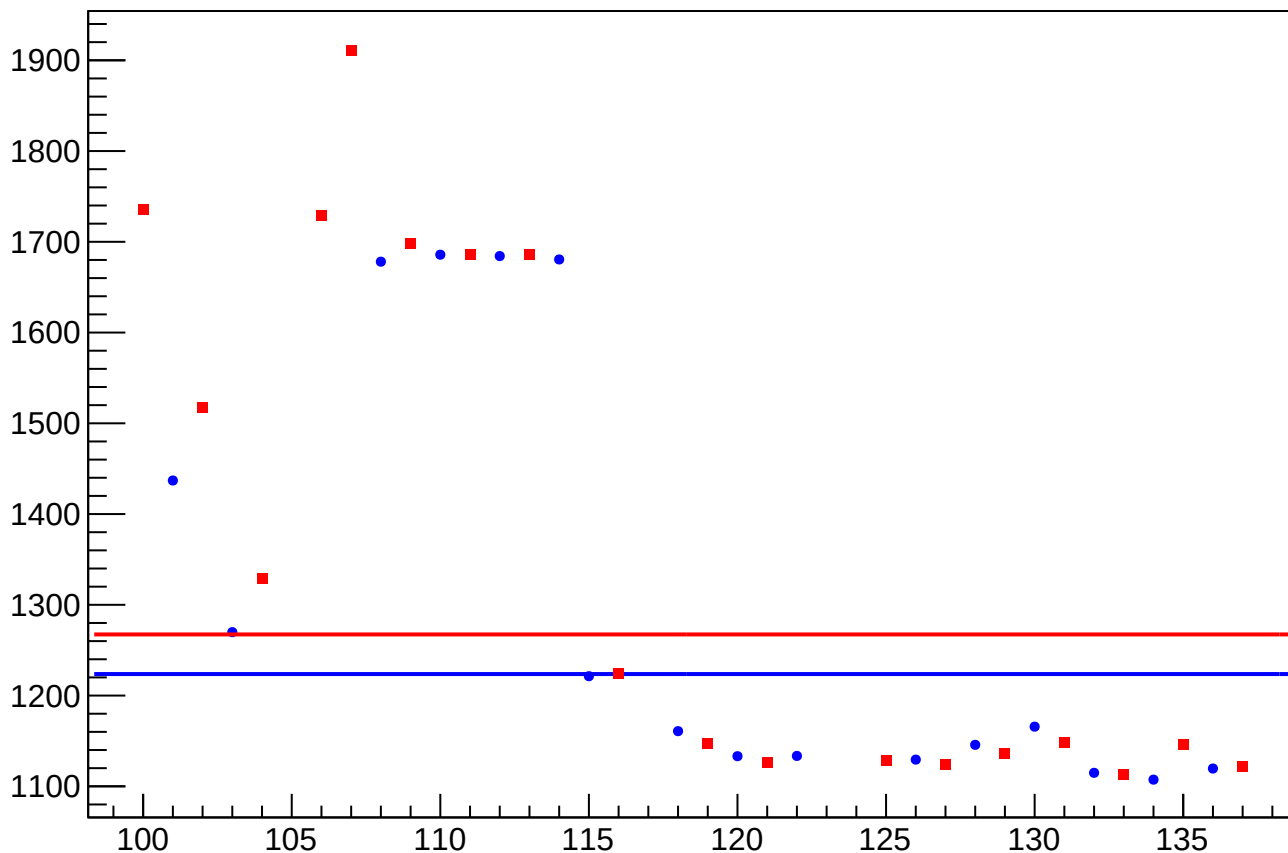
Right: 121.252+/-330.262 χ^2/NDF : 35.0/33

In: -43.923+/-459.222 χ^2/NDF :10.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.252+/-330.262 χ^2/NDF : 35.0/33

cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1267.363+/-0.336 χ^2/NDF : 439982.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

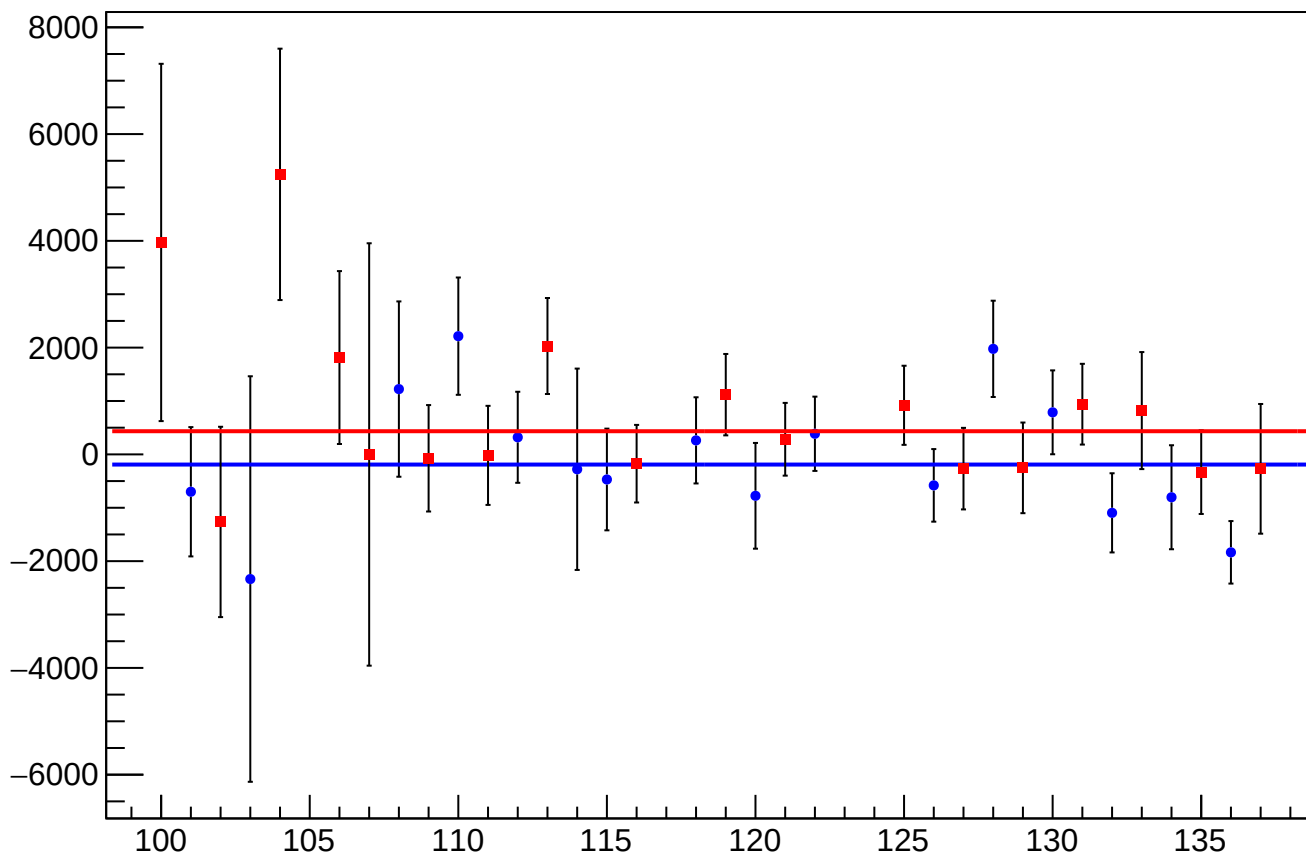
Right: 1244.783+/-0.234 χ^2/NDF : 743675.6/33

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.783+/-0.234 χ^2/NDF : 743675.6/33

asym_usl_atl1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -190.645 ± 222.867 χ^2/NDF : 25.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 433.877 ± 223.547 χ^2/NDF : 15.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

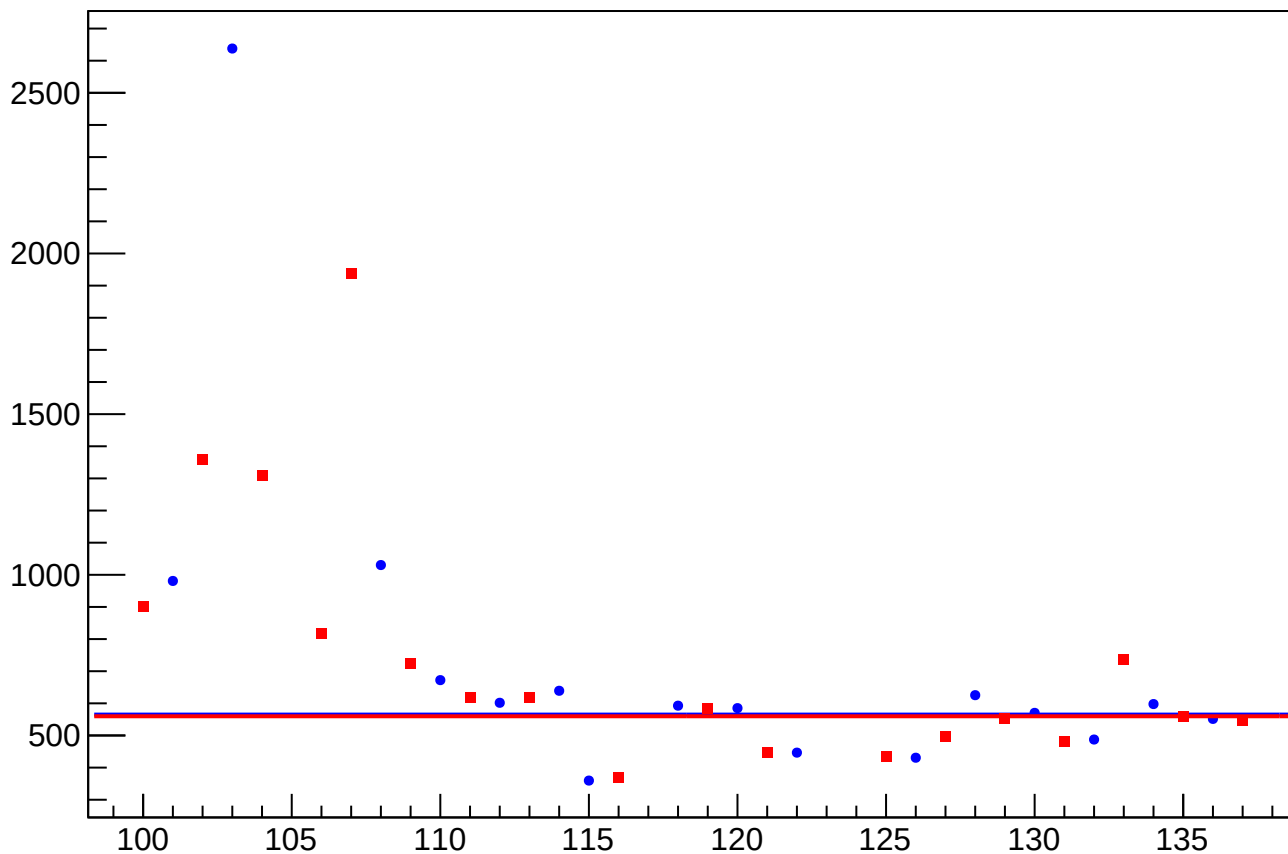
Right: 120.665 ± 157.831 χ^2/NDF : 45.1/33

In: -190.645 ± 222.867 χ^2/NDF : 25.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 120.665 ± 157.831 χ^2/NDF : 45.1/33

asym_usl_atl1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.758+/-0.158 χ^2/NDF : 1329357.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

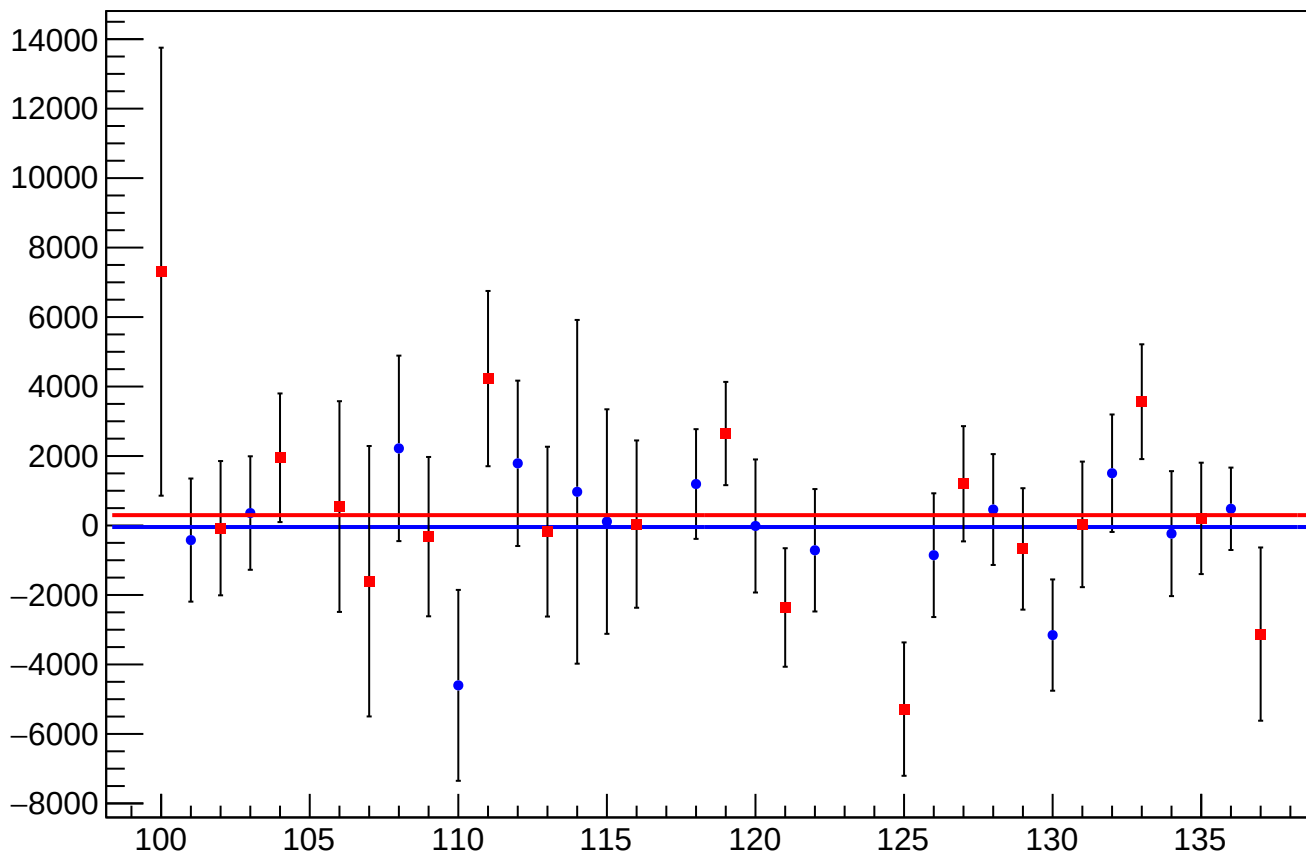
Right: 562.364+/-0.112 χ^2/NDF : 2614354.9/33

In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.364+/-0.112 χ^2/NDF : 2614354.9/33

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -43.923+/-459.222 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.207+/-475.315 χ^2/NDF : 24.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

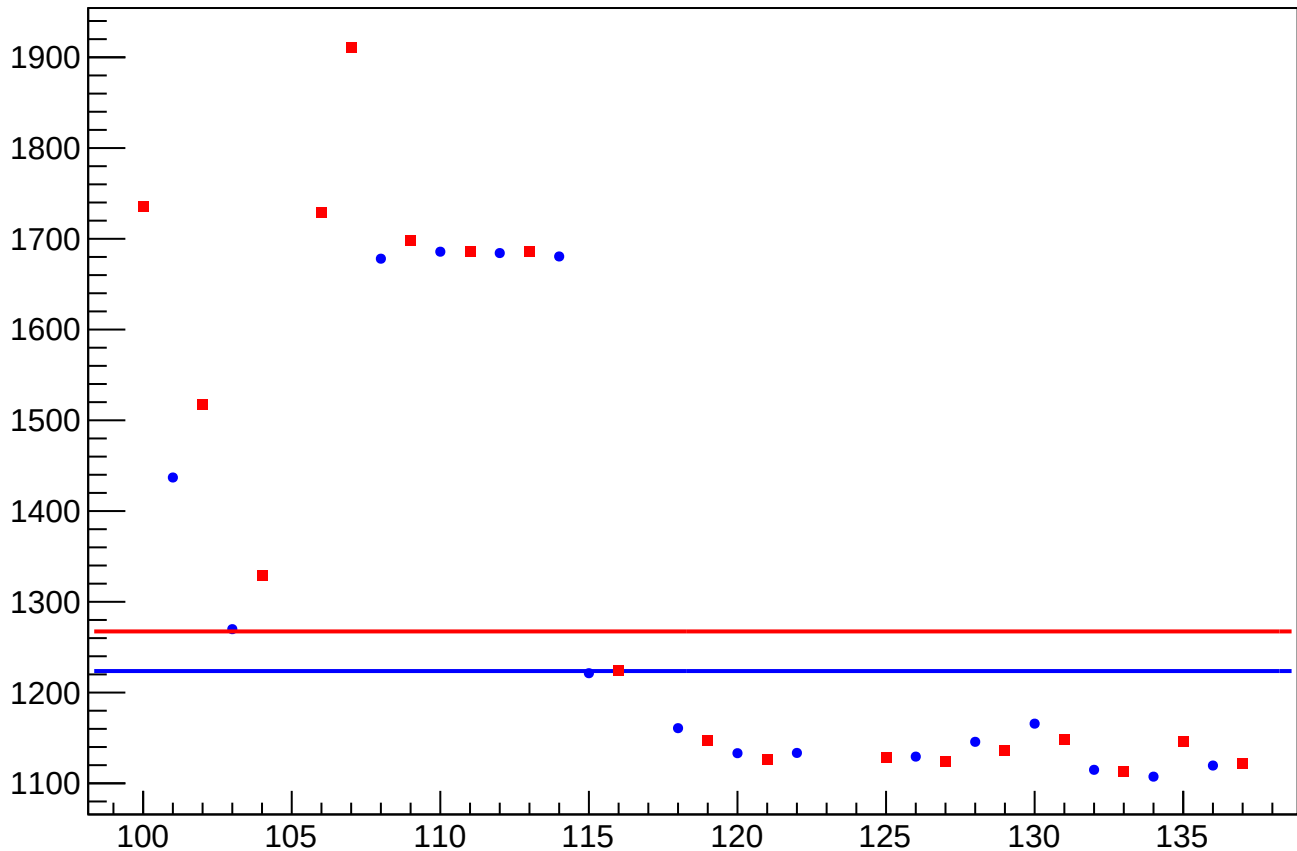
Right: 121.252+/-330.262 χ^2/NDF : 35.0/33

In: -43.923+/-459.222 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.252+/-330.262 χ^2/NDF : 35.0/33

eigen_cor_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1267.363+/-0.336 χ^2/NDF : 439982.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

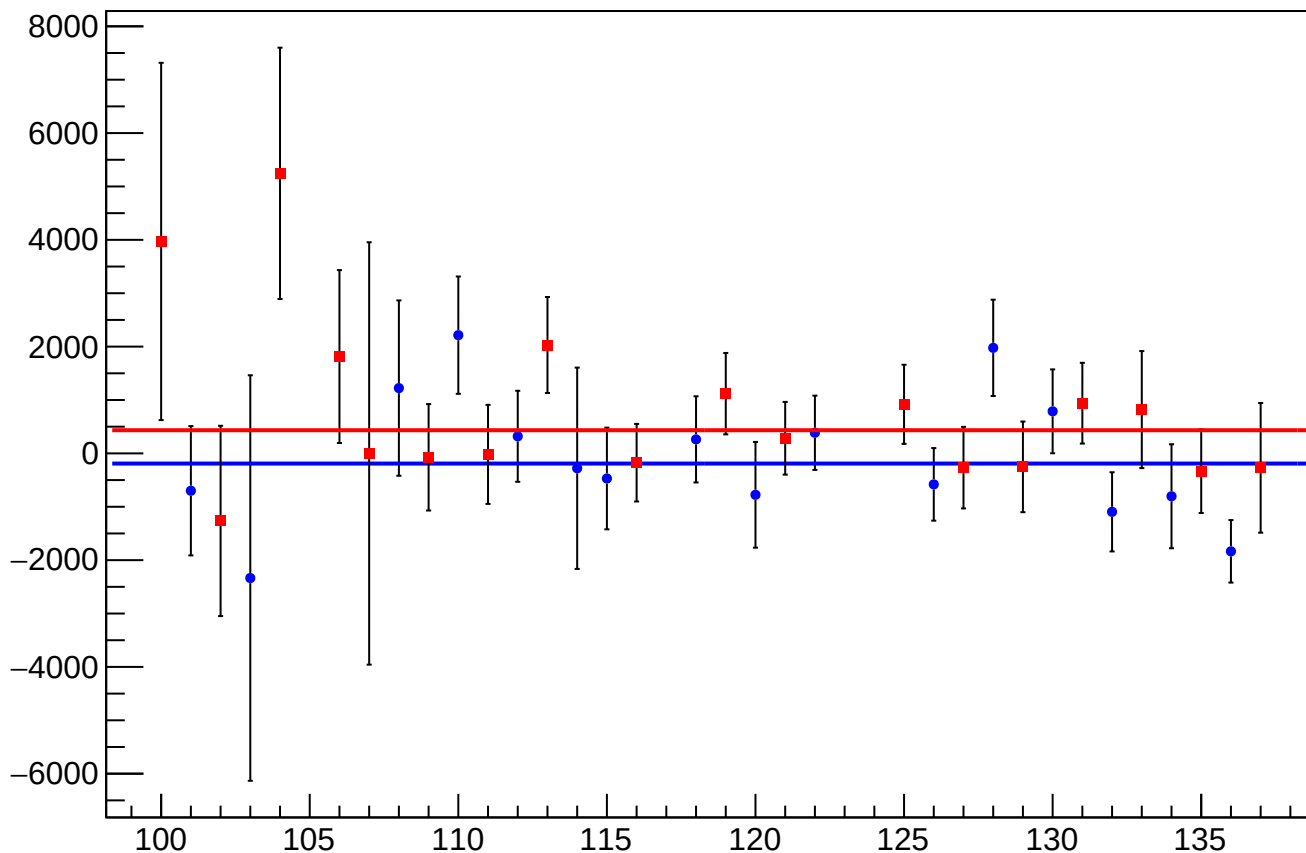
Right: 1244.783+/-0.234 χ^2/NDF : 743675.6/33

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.783+/-0.234 χ^2/NDF : 743675.6/33

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -190.645 ± 222.867 χ^2/NDF : 25.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 433.877 ± 223.547 χ^2/NDF : 15.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

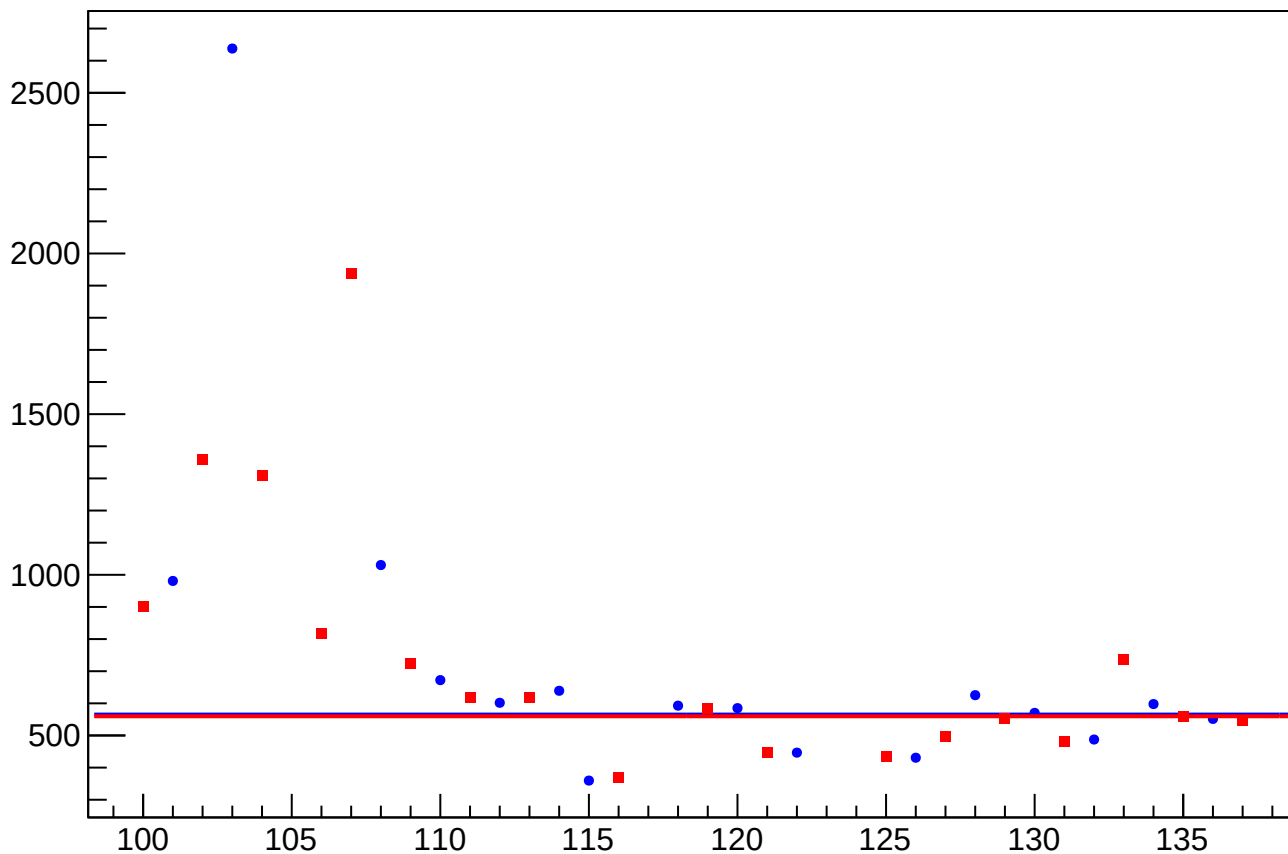
Right: 120.665 ± 157.831 χ^2/NDF : 45.1/33

In: -190.645 ± 222.867 χ^2/NDF : 25.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 120.665 ± 157.831 χ^2/NDF : 45.1/33

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.758+/-0.158 χ^2/NDF : 1329357.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

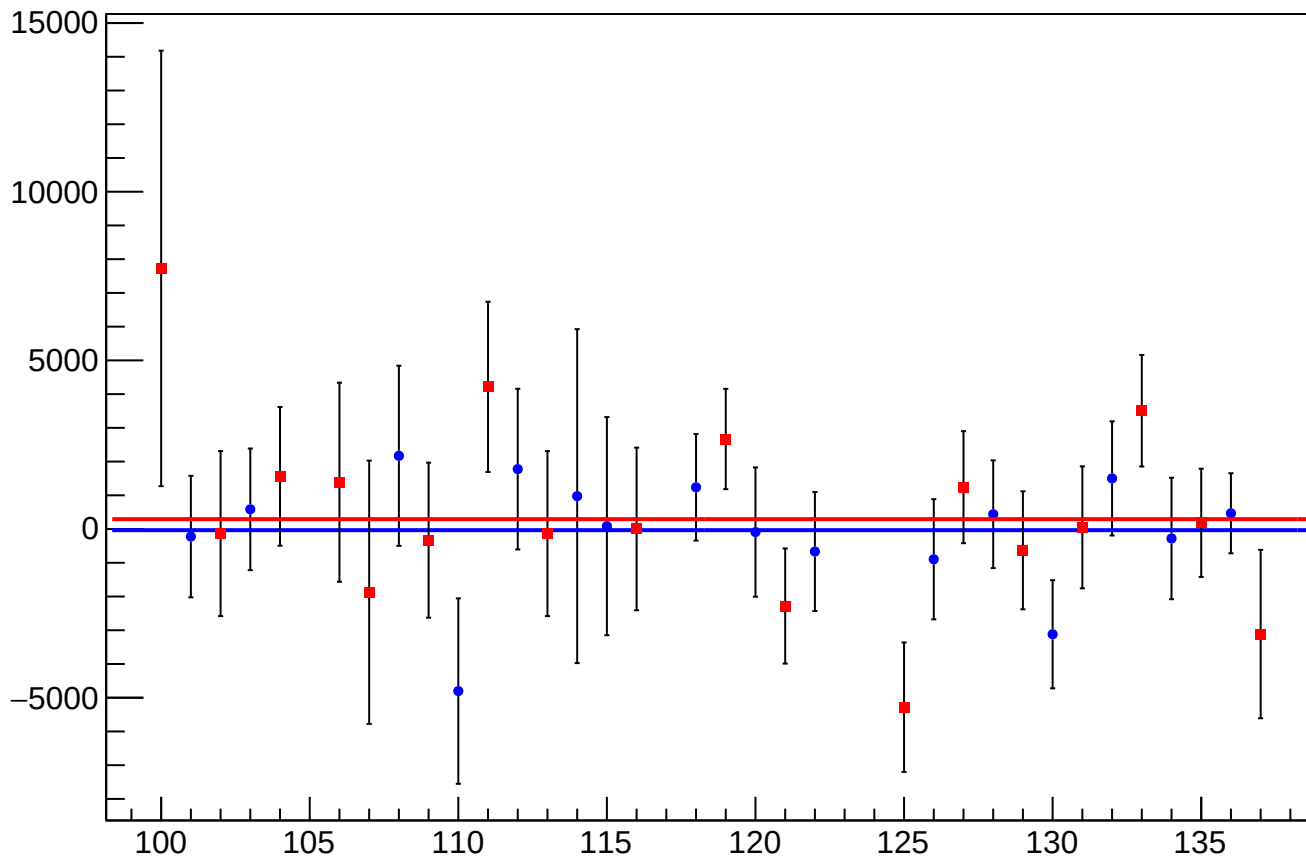
Right: 562.364+/-0.112 χ^2/NDF : 2614354.9/33

In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.364+/-0.112 χ^2/NDF : 2614354.9/33

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -33.062 $\pm$ 463.216 χ^2 /NDF: 10.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 293.384 $\pm$ 483.838 χ^2 /NDF: 24.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

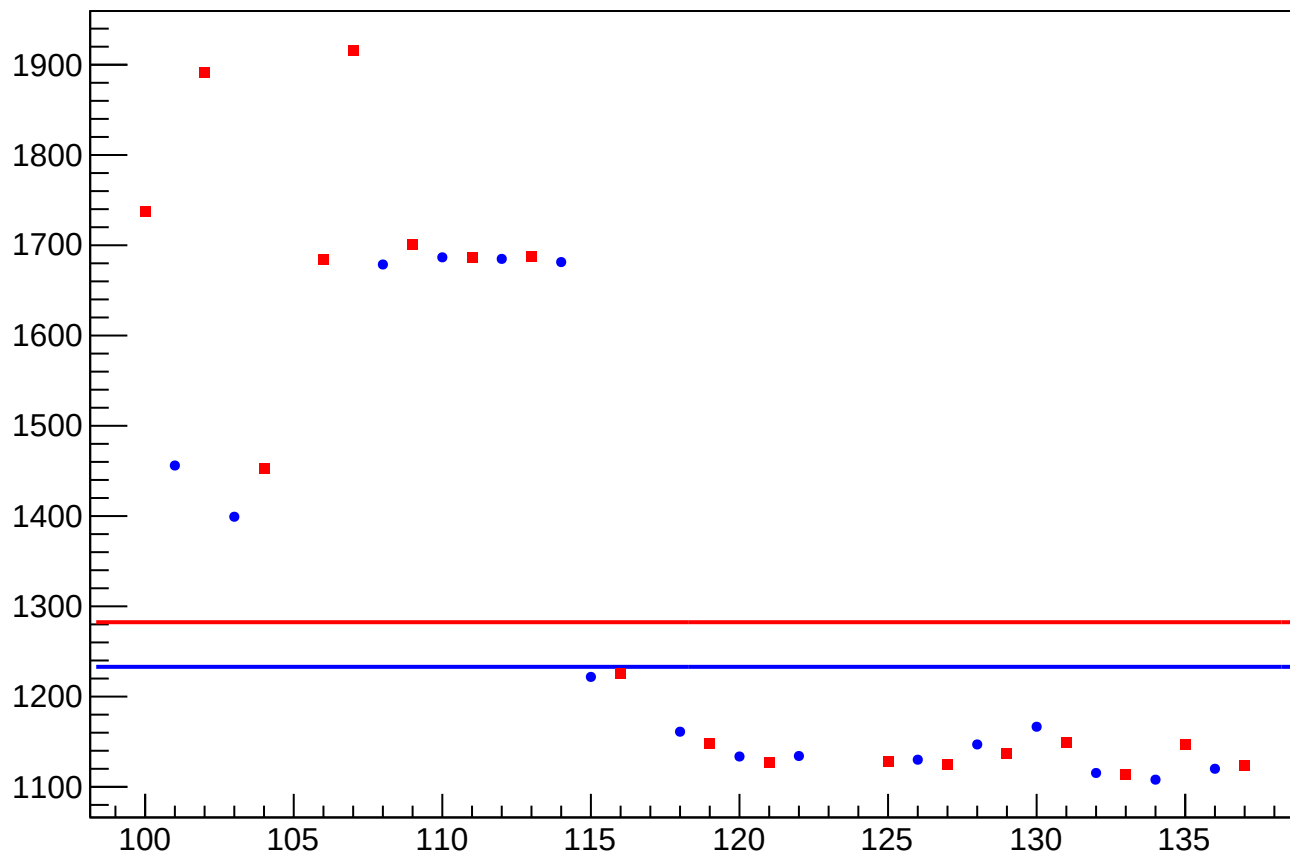
Right: 123.056 $\pm$ 334.596 χ^2 /NDF: 34.7/33

In: -33.062 $\pm$ 463.216 χ^2 /NDF:10.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.056 $\pm$ 334.596 χ^2 /NDF: 34.7/33

dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1232.965+/-0.328 χ^2/NDF : 315470.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.407+/-0.342 χ^2/NDF : 543403.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

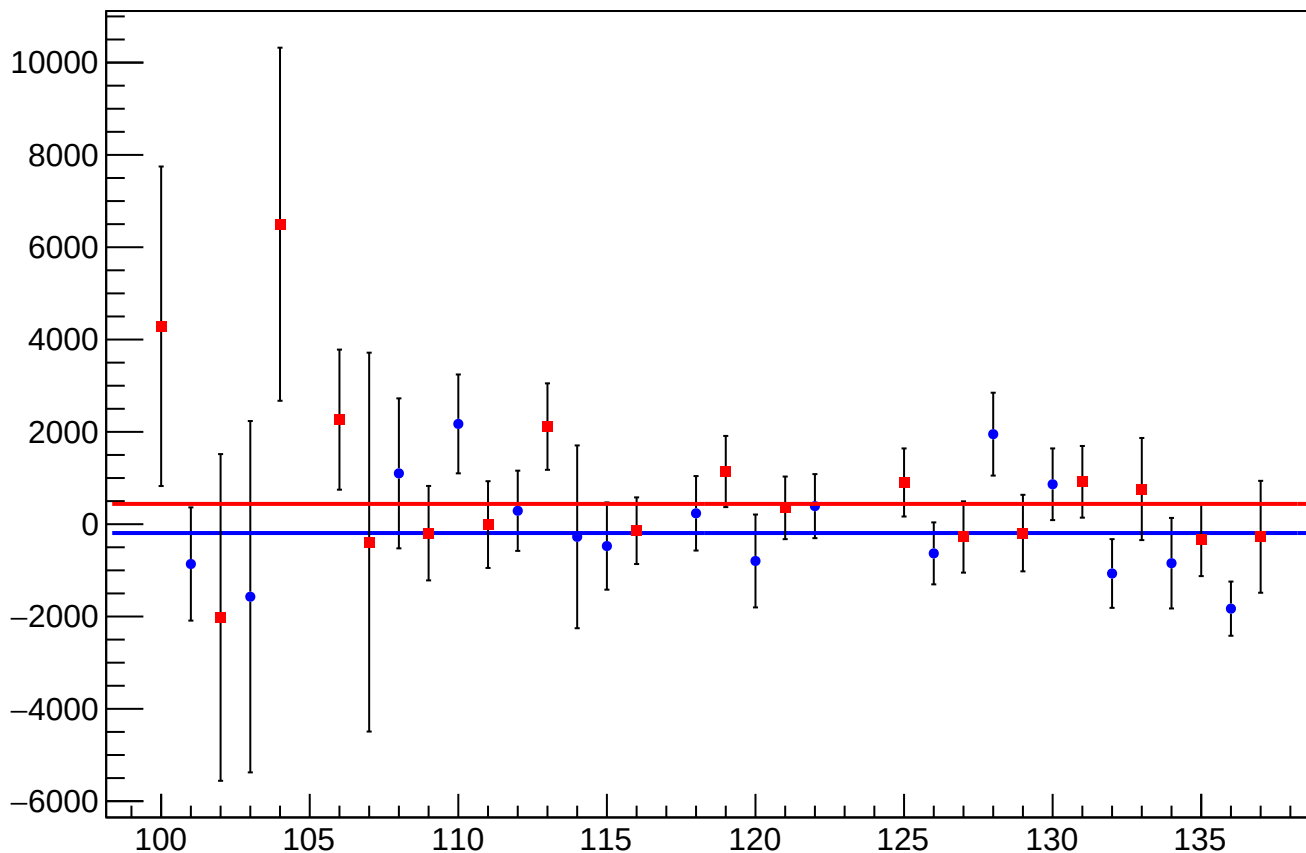
Right: 1256.610+/-0.237 χ^2/NDF : 869771.1/33

In: 1232.965+/-0.328 χ^2/NDF : 315470.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.610+/-0.237 χ^2/NDF : 869771.1/33

asym_usl_atl1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -191.528+/-222.764 χ^2/NDF : 25.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 439.610+/-226.600 χ^2/NDF : 14.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

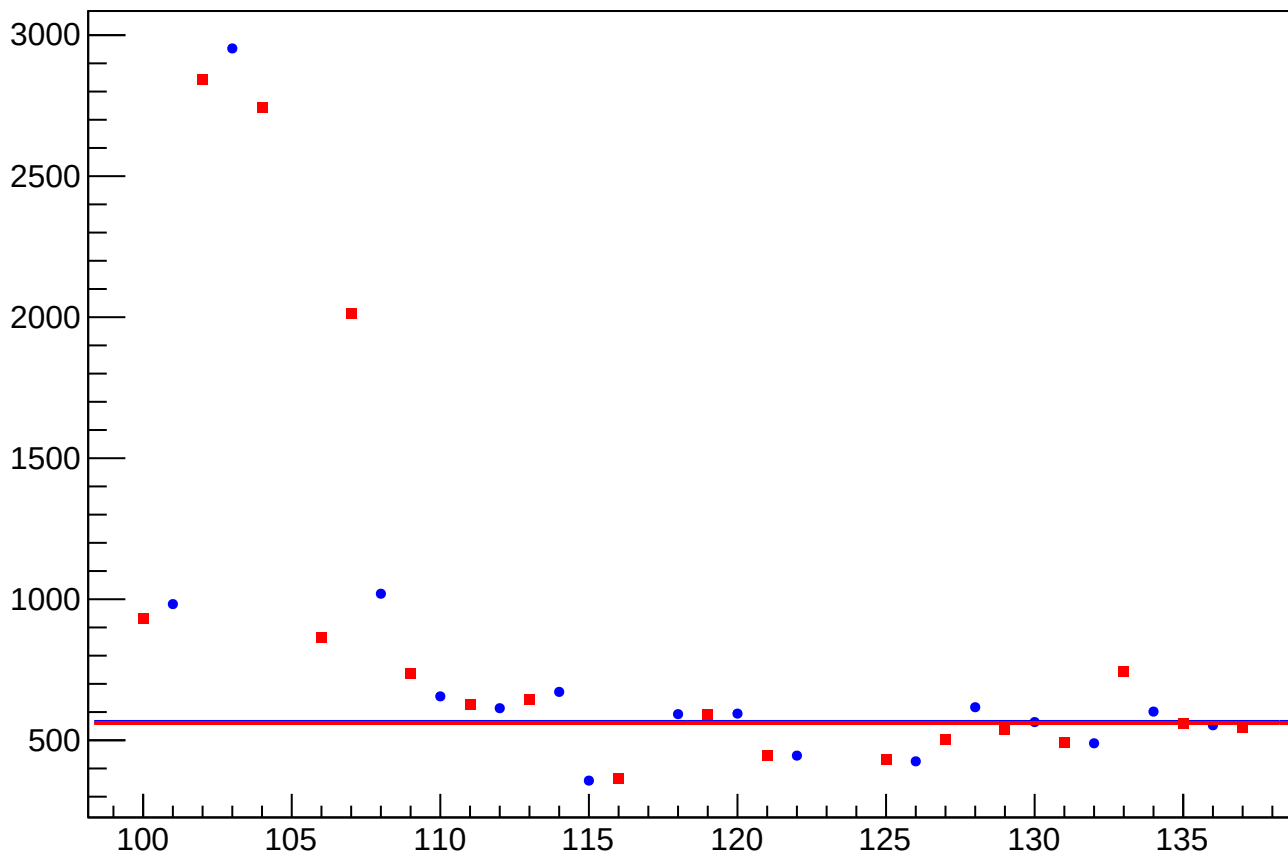
Right: 118.653+/-158.857 χ^2/NDF : 43.9/33

In: -191.528+/-222.764 χ^2/NDF : 25.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.653+/-158.857 χ^2/NDF : 43.9/33

asym_usl_atl1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 564.871+/-0.158 χ^2/NDF : 1480375.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.273+/-0.160 χ^2/NDF : 2273371.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

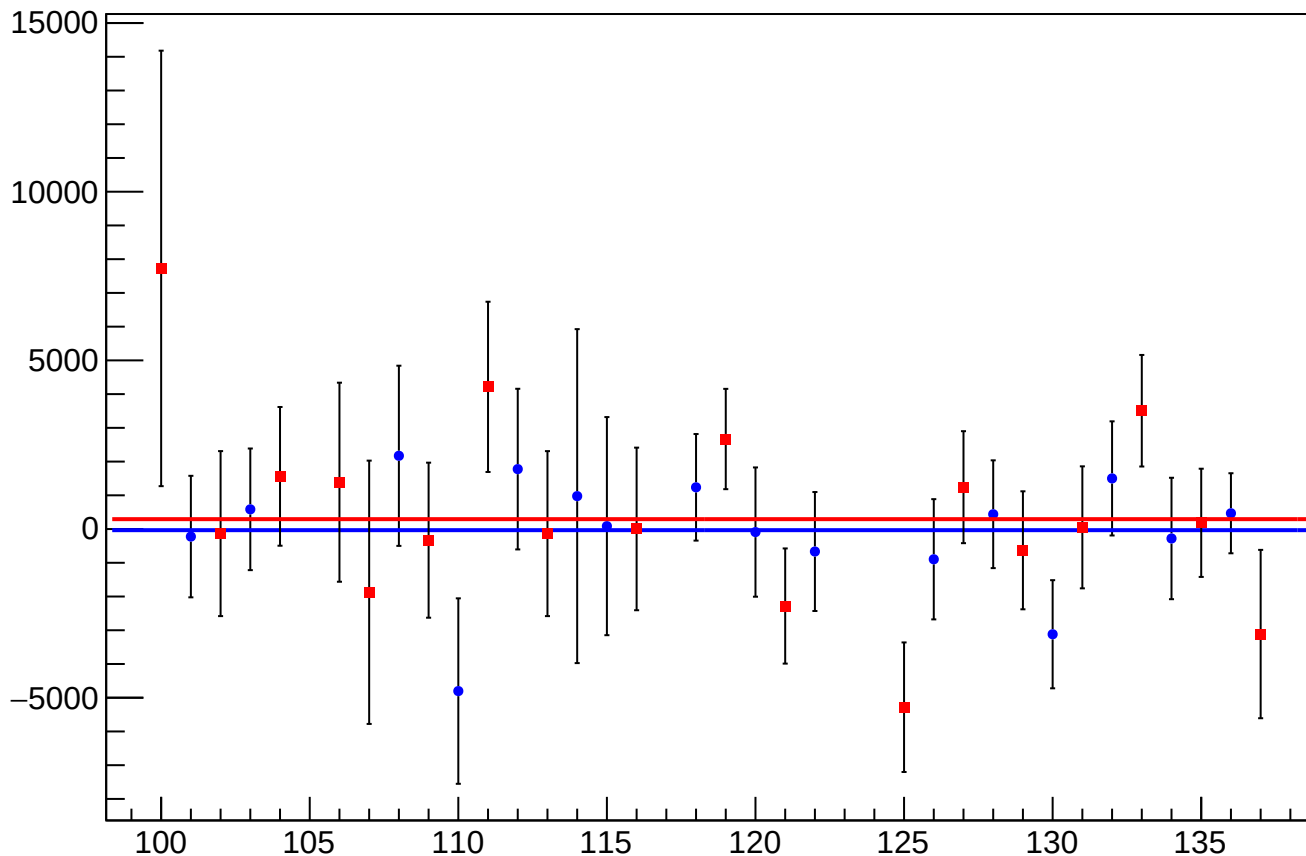
Right: 563.103+/-0.112 χ^2/NDF : 3754003.6/33

In: 564.871+/-0.158 χ^2/NDF : 1480375.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.103+/-0.112 χ^2/NDF : 3754003.6/33

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -33.061+/-463.216 χ^2/NDF : 10.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 293.384+/-483.838 χ^2/NDF : 24.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

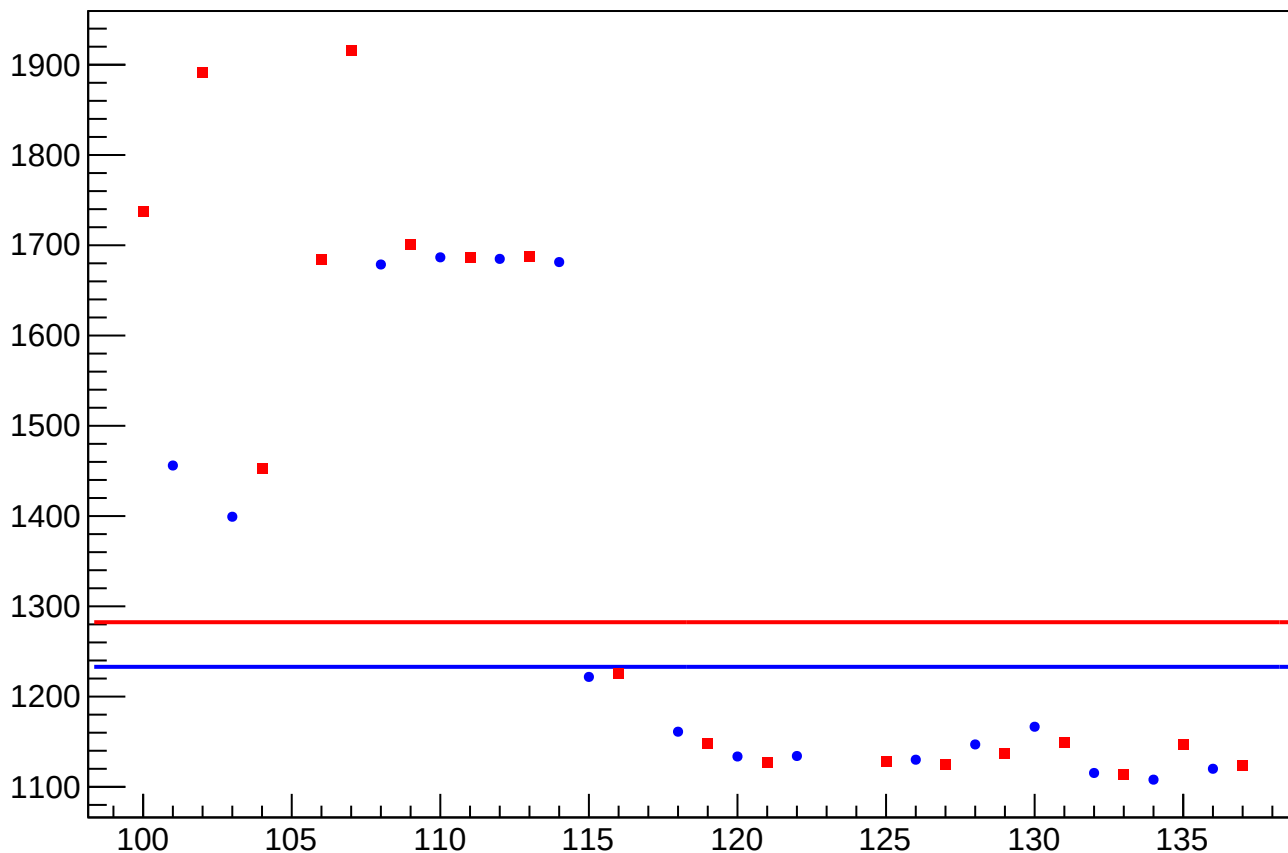
Right: 123.057+/-334.596 χ^2/NDF : 34.7/33

In: -33.061+/-463.216 χ^2/NDF : 10.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.057+/-334.596 χ^2/NDF : 34.7/33

eigen_dit_asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1232.965+/-0.328 χ^2/NDF : 315470.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.407+/-0.342 χ^2/NDF : 543403.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

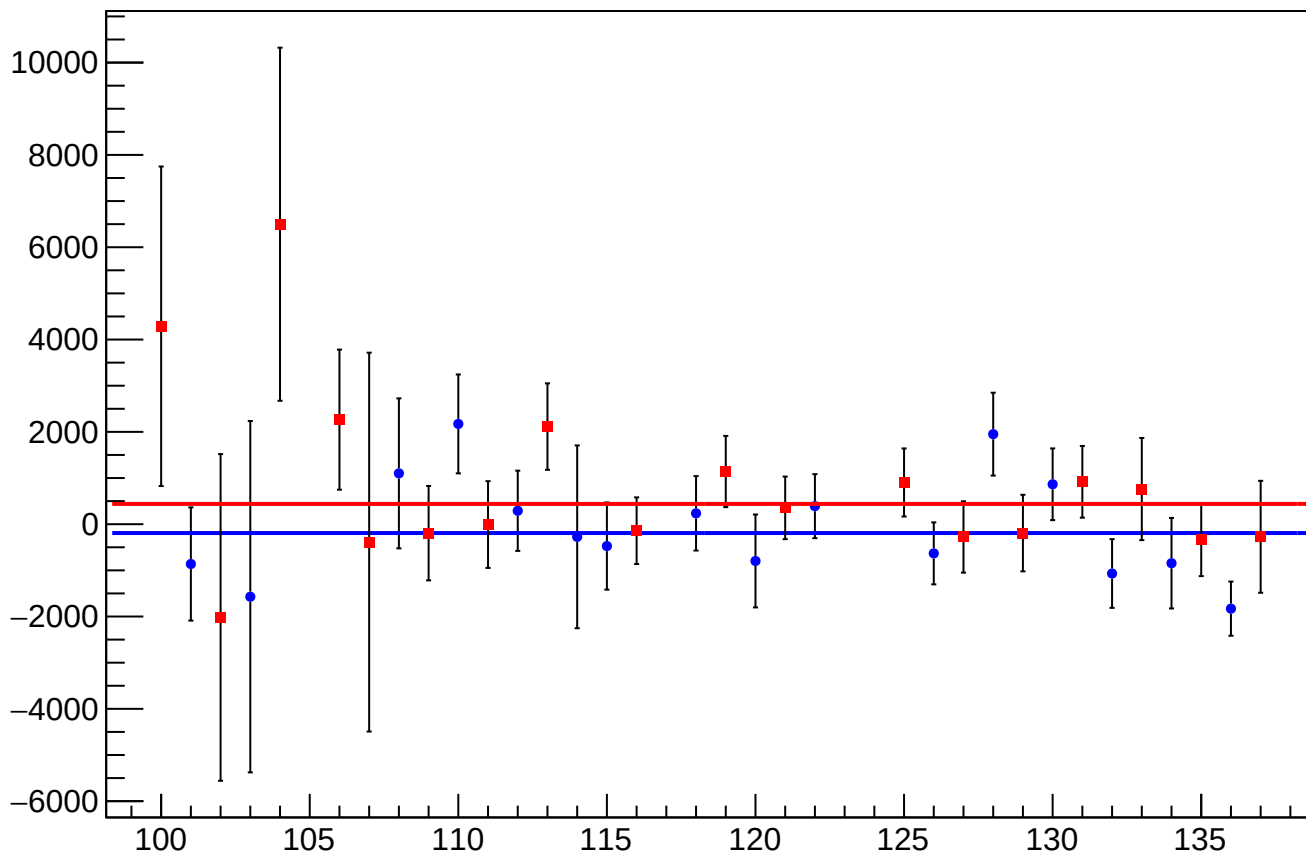
Right: 1256.610+/-0.237 χ^2/NDF : 869770.2/33

In: 1232.965+/-0.328 χ^2/NDF : 315470.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.610+/-0.237 χ^2/NDF : 869770.2/33

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -191.527+/-222.763 χ^2 /NDF: 25.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 439.611+/-226.600 χ^2 /NDF: 14.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

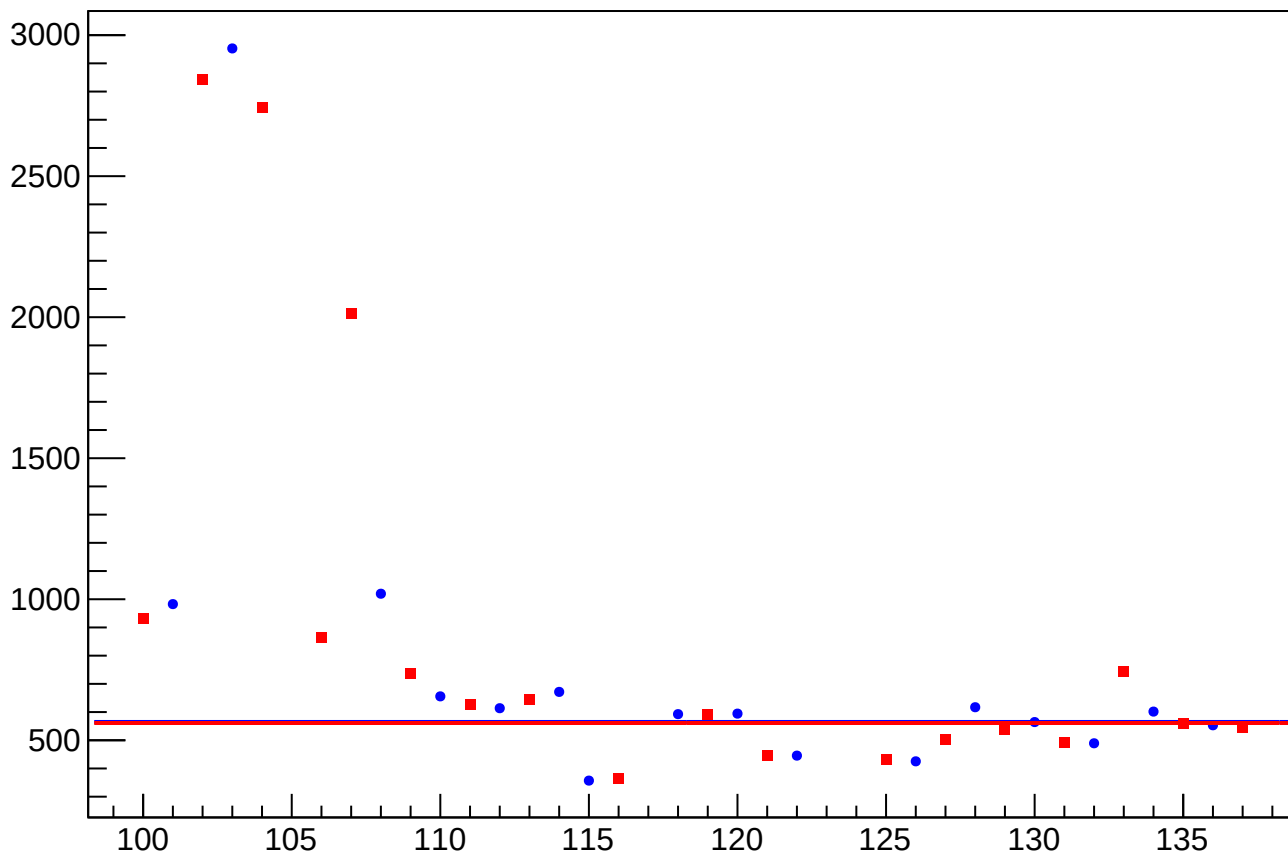
Right: 118.653+/-158.857 χ^2 /NDF: 43.9/33

In: -191.527+/-222.763 χ^2 /NDF:25.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 118.653+/-158.857 χ^2 /NDF: 43.9/33

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 564.871+/-0.158 χ^2/NDF : 1480372.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.273+/-0.160 χ^2/NDF : 2273372.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

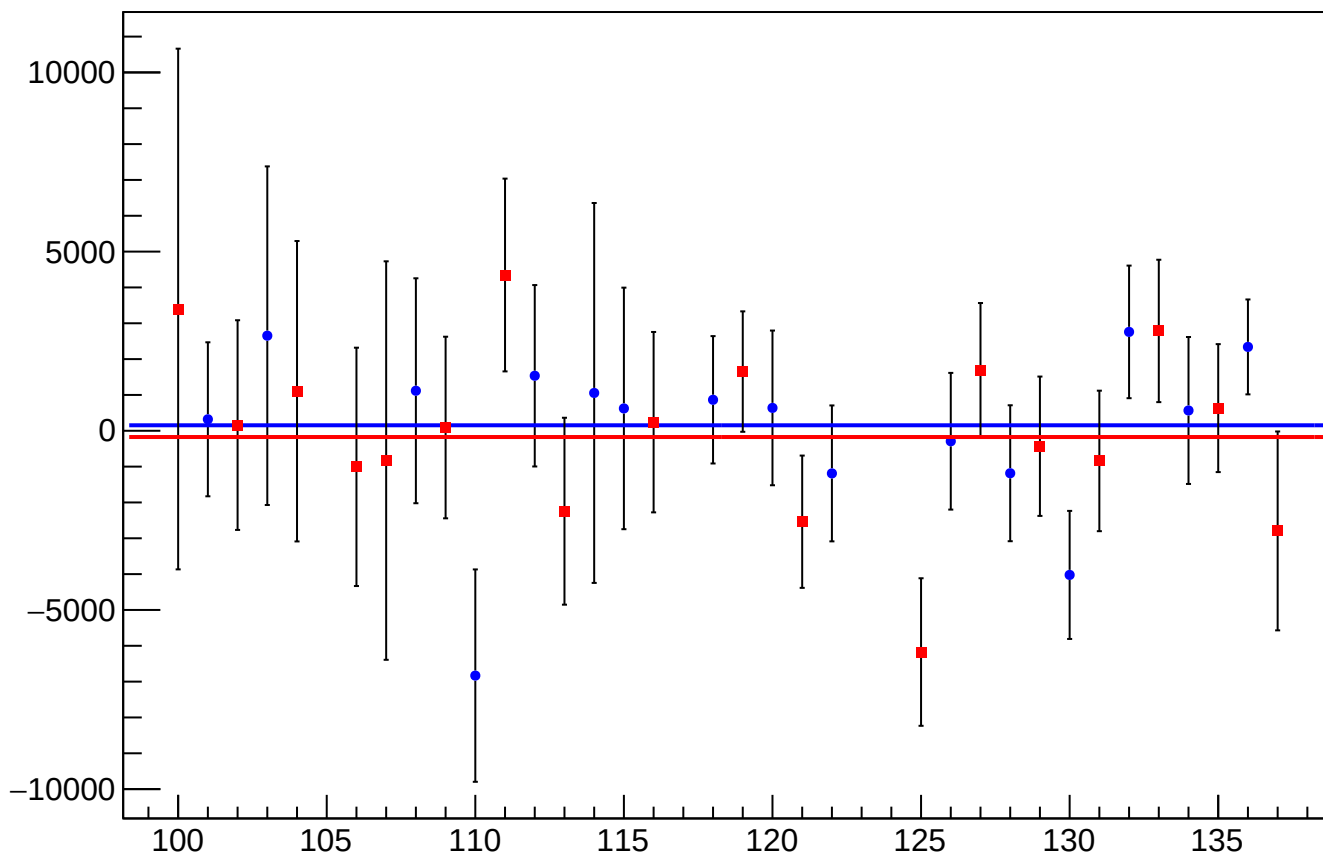
Right: 563.103+/-0.112 χ^2/NDF : 3754001.7/33

In: 564.871+/-0.158 χ^2/NDF : 1480372.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.103+/-0.112 χ^2/NDF : 3754001.7/33

asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: 153.375+/-532.096 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -174.319+/-550.153 χ^2/NDF : 19.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

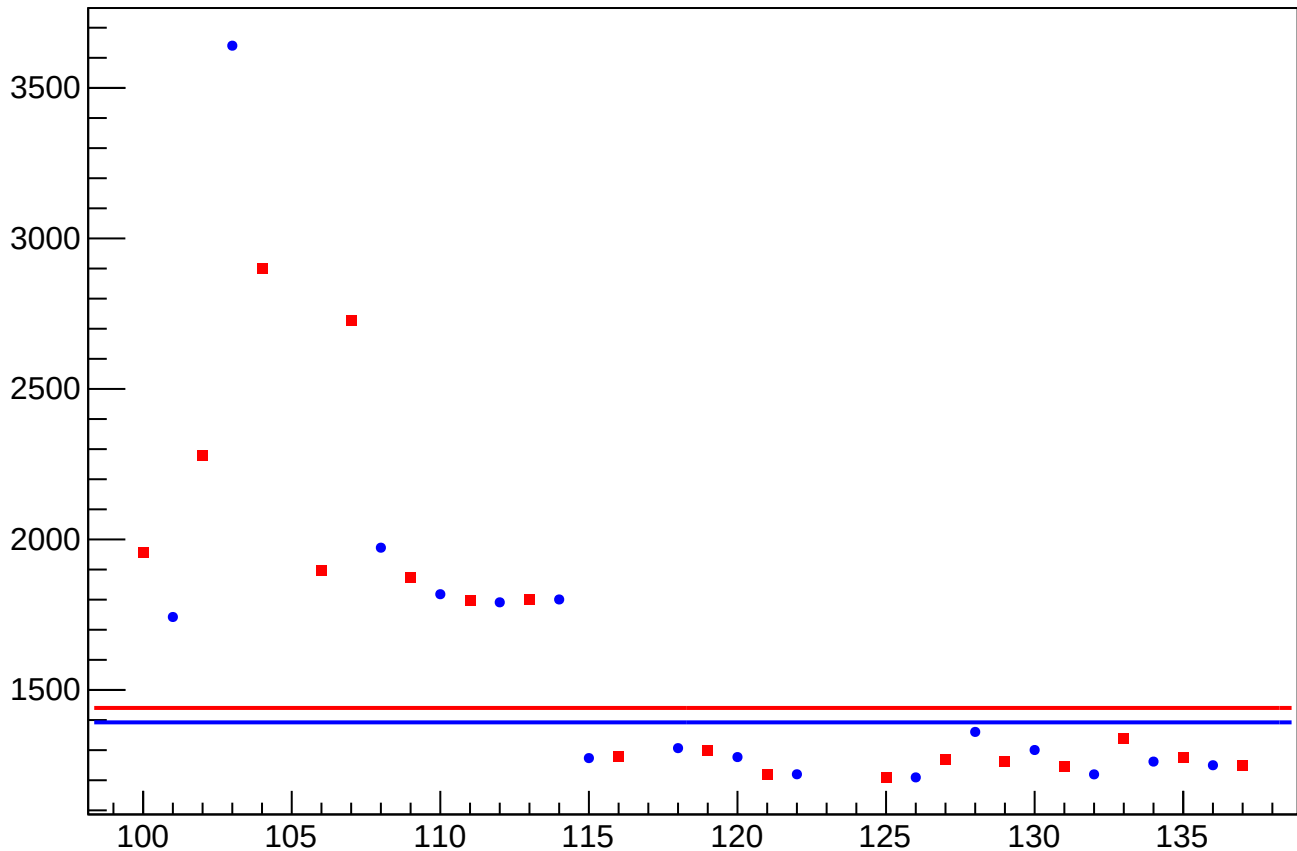
Right: -5.006+/-382.473 χ^2/NDF : 37.6/33

In: 153.375+/-532.096 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.006+/-382.473 χ^2/NDF : 37.6/33

asym_usl_atl1_dd_rms vs Slug, Sign Corrected



Right In: 1392.299+/-0.376 χ^2/NDF : 779240.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1440.222+/-0.389 χ^2/NDF : 854885.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

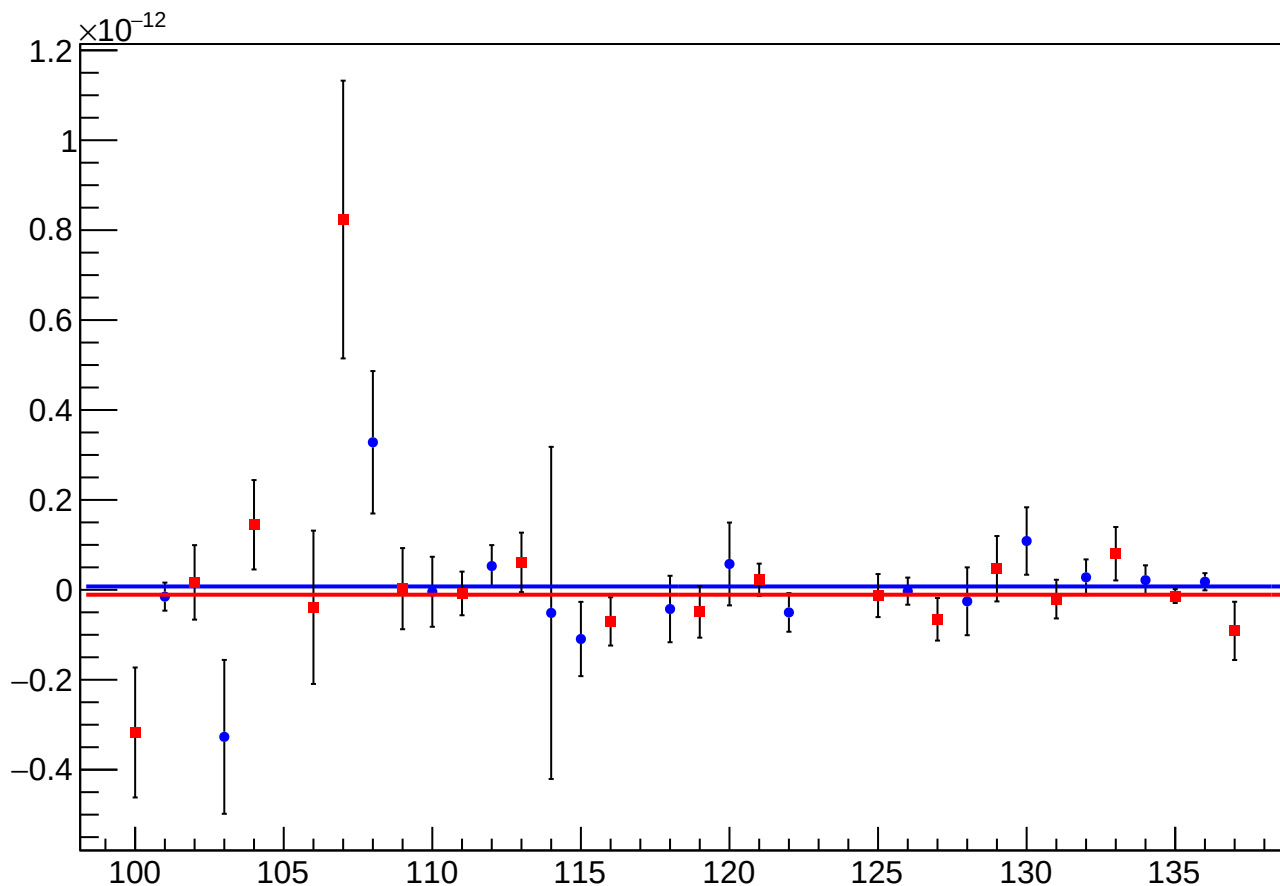
Right: 1415.461+/-0.270 χ^2/NDF : 1641967.9/33

In: 1392.299+/-0.376 χ^2/NDF : 779240.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1415.461+/-0.270 χ^2/NDF : 1641967.9/33

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 24.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

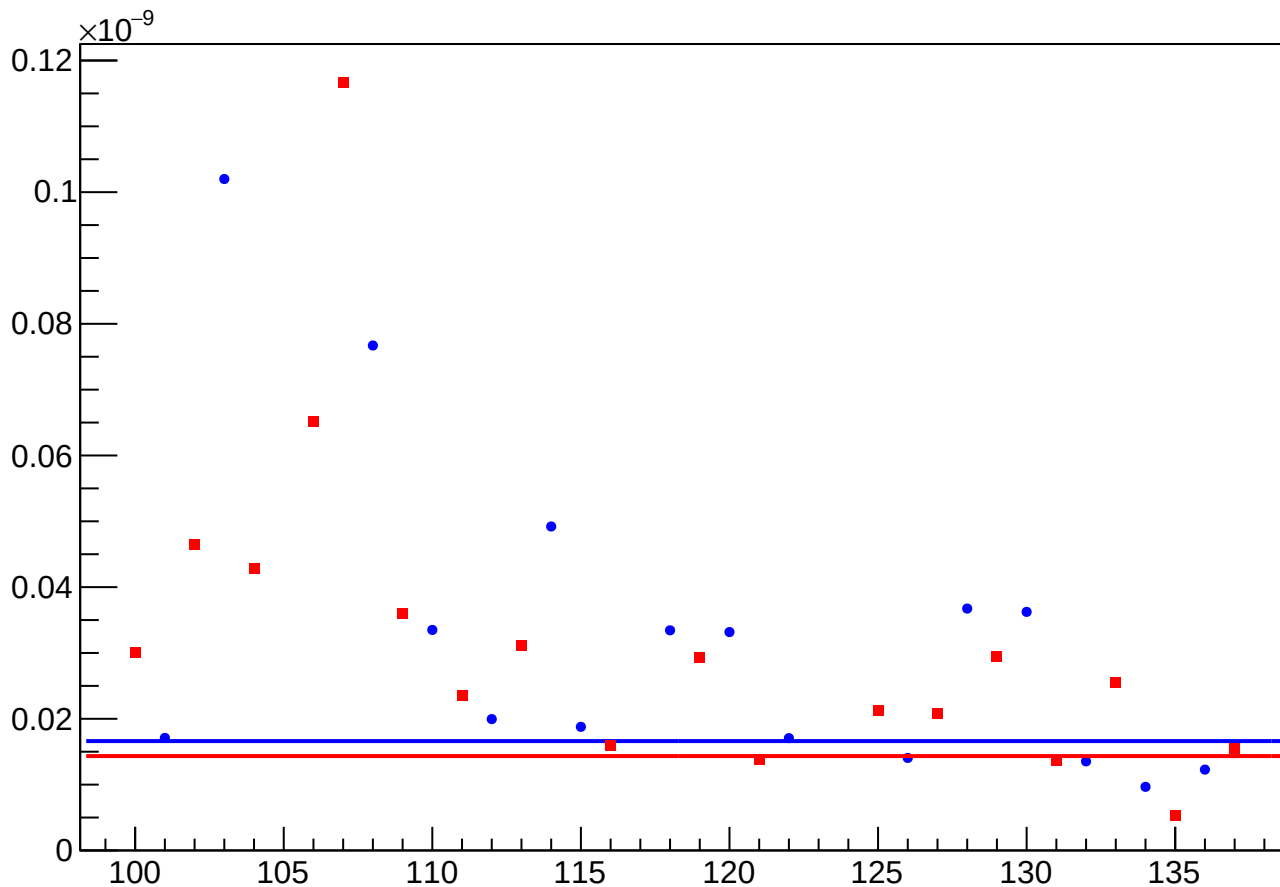
Right: -0.000+/-0.000 χ^2/NDF : 42.4/33

In: 0.000+/-0.000 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.4/33

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1573068.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2258014.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

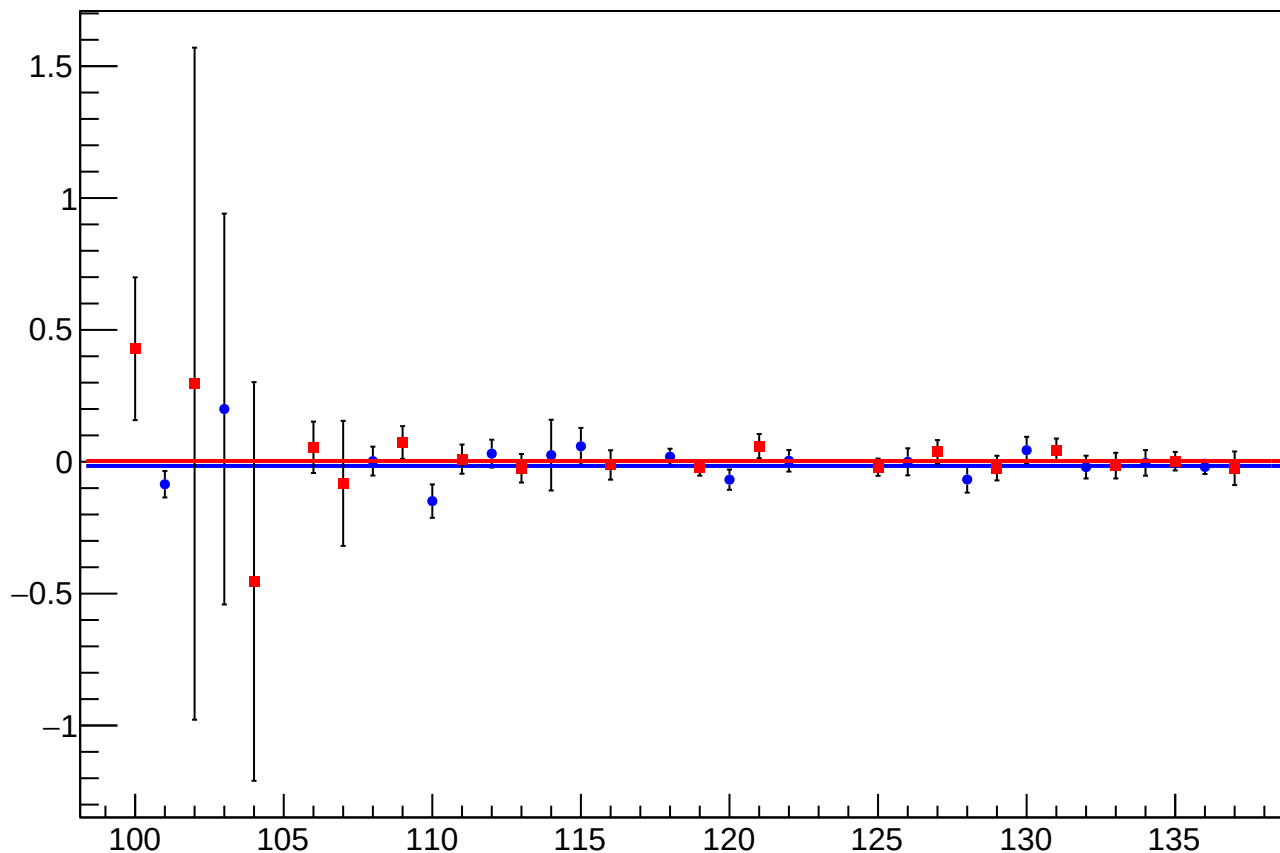
Right: 0.000+/-0.000 χ^2/NDF : 3876075.8/33

In: 0.000+/-0.000 χ^2/NDF : 1573068.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3876075.8/33

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 14.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.012 χ^2/NDF : 9.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

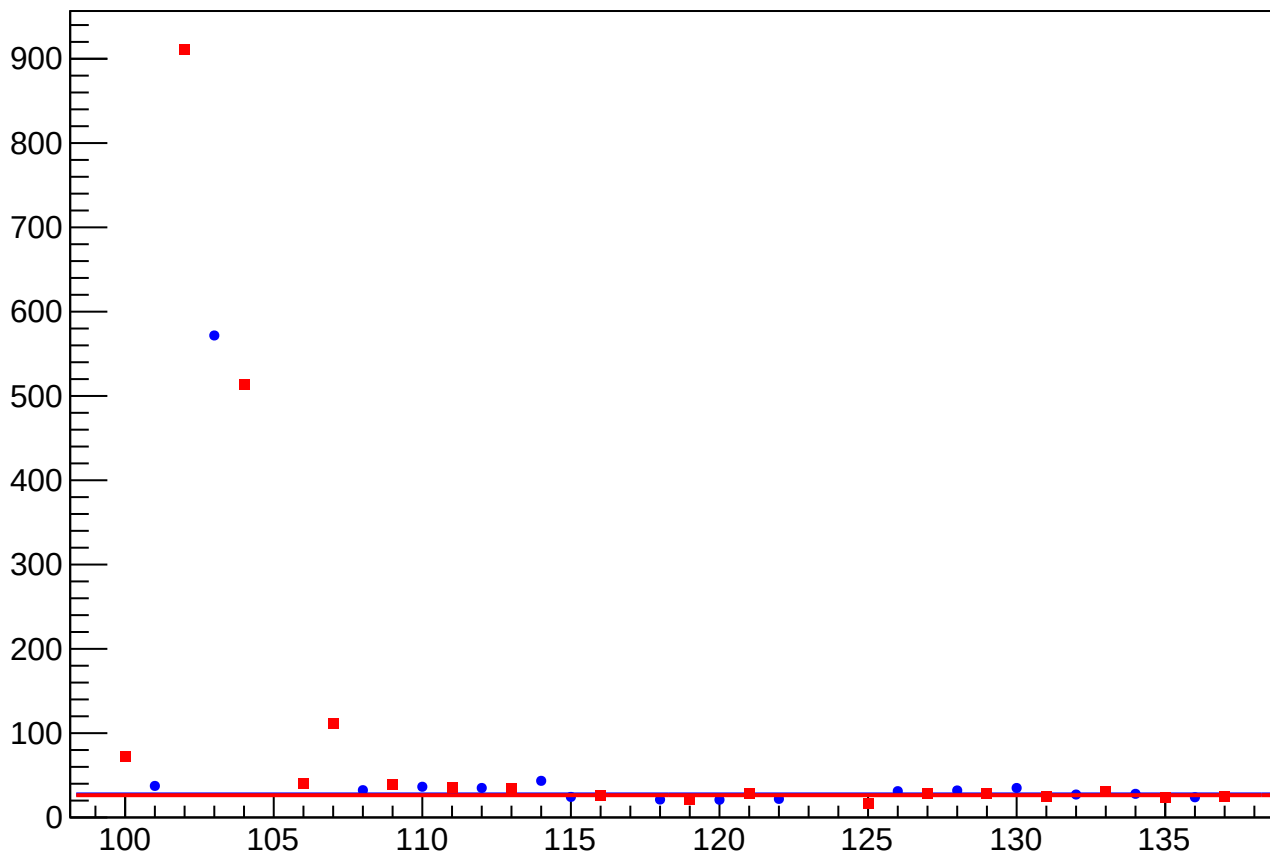
Right: -0.007 ± 0.008 χ^2/NDF : 25.8/33

In: -0.016 ± 0.012 χ^2/NDF : 14.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.008 χ^2/NDF : 25.8/33

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.400+/-0.009 χ^2/NDF : 2614691.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

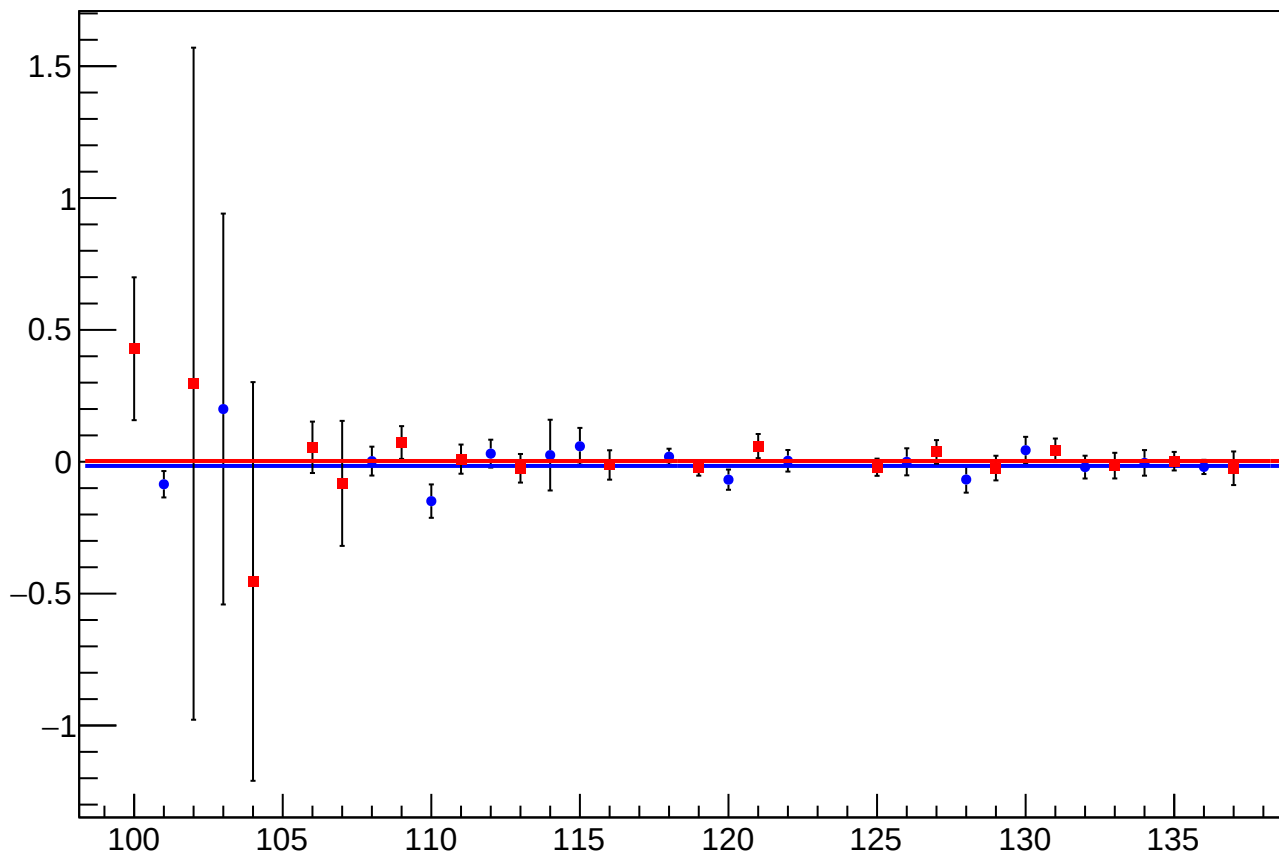
Right: 26.870+/-0.006 χ^2/NDF : 4188911.1/33

In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.870+/-0.006 χ^2/NDF : 4188911.1/33

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.012 χ^2/NDF : 9.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

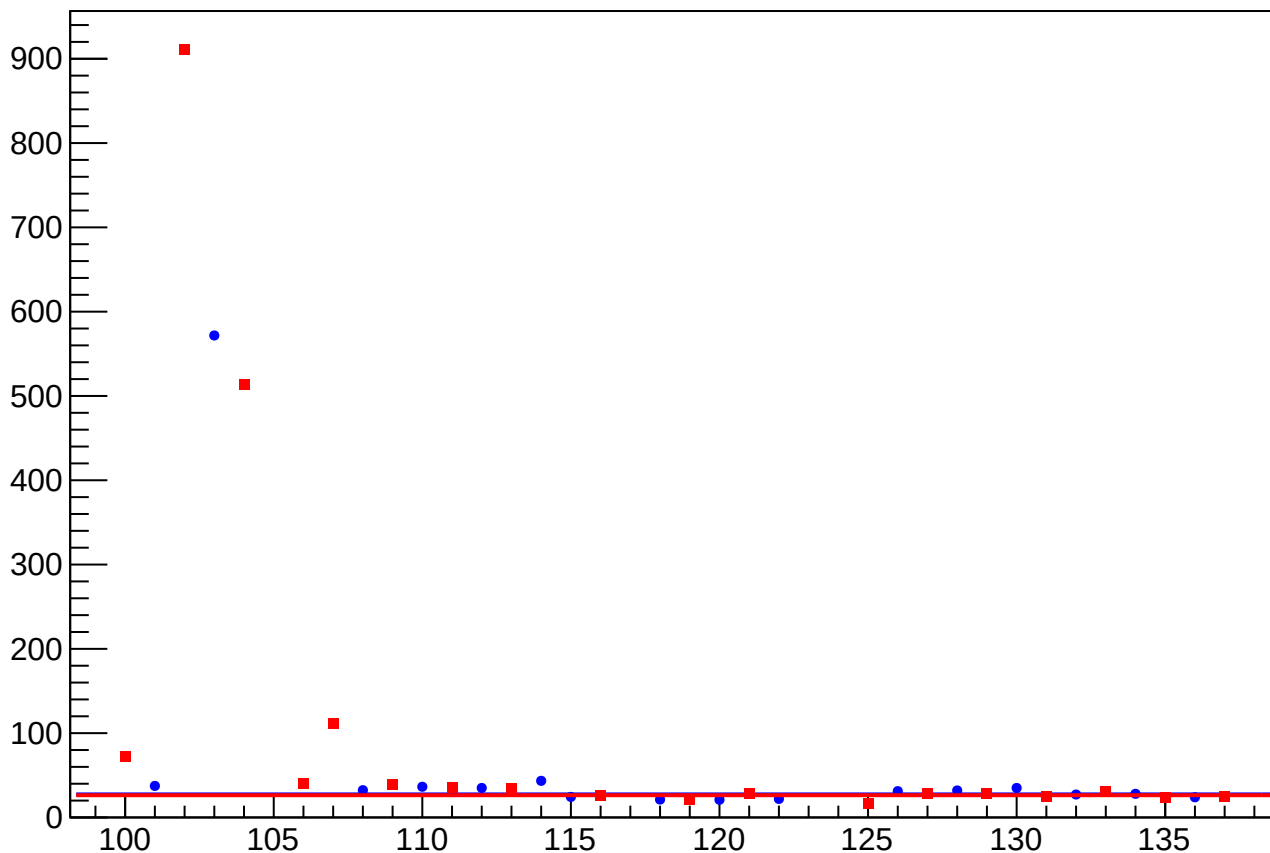
Right: -0.007+/-0.008 χ^2/NDF : 25.8/33

In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.008 χ^2/NDF : 25.8/33

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.400+/-0.009 χ^2/NDF : 2614691.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

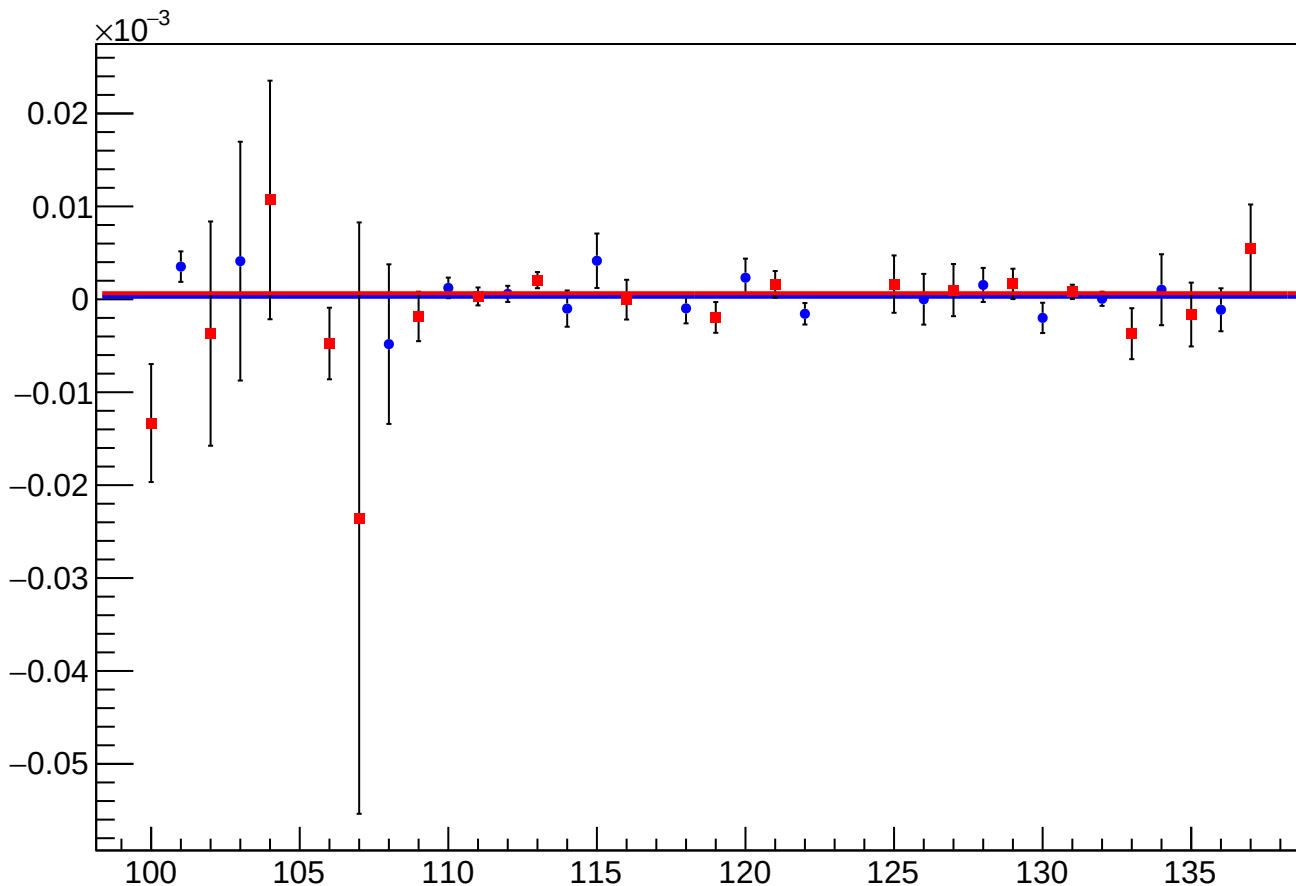
Right: 26.870+/-0.006 χ^2/NDF : 4188911.1/33

In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.870+/-0.006 χ^2/NDF : 4188911.1/33

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

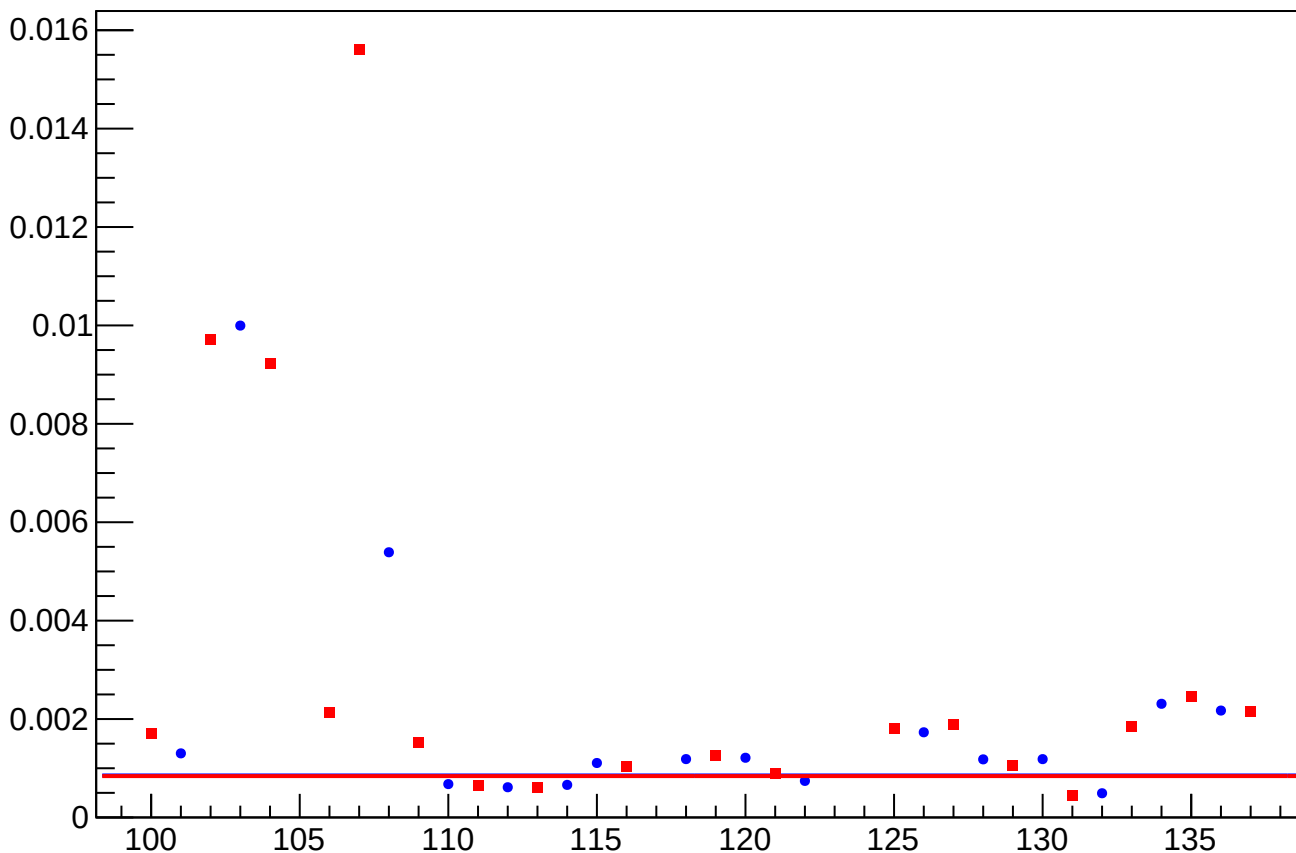
Right: 0.000+/-0.000 χ^2/NDF : 34.2/33

In: 0.000+/-0.000 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.2/33

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 3863719.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5039455.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

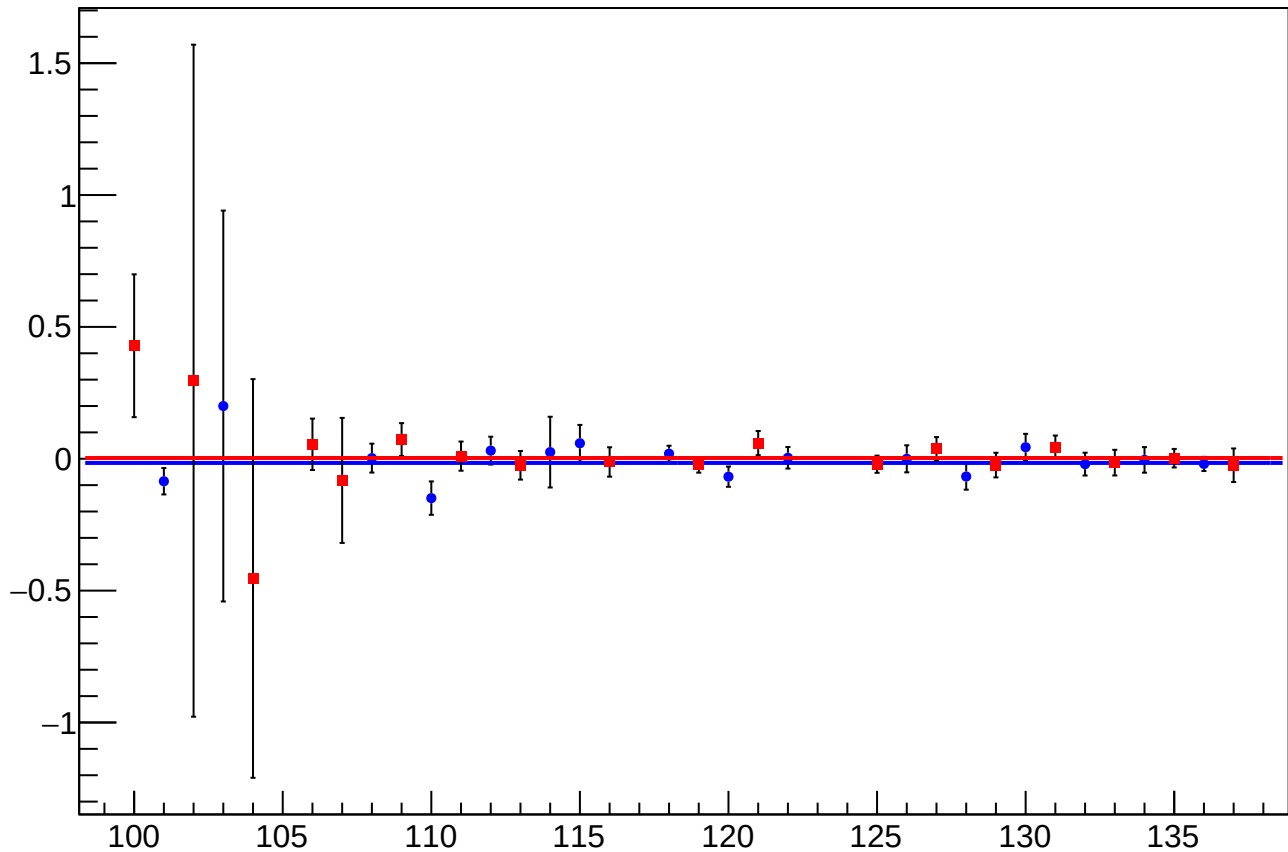
Right: 0.001+/-0.000 χ^2/NDF : 8904244.0/33

In: 0.001+/-0.000 χ^2/NDF :3863719.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8904244.0/33

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 14.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.003 ± 0.012 χ^2/NDF : 9.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

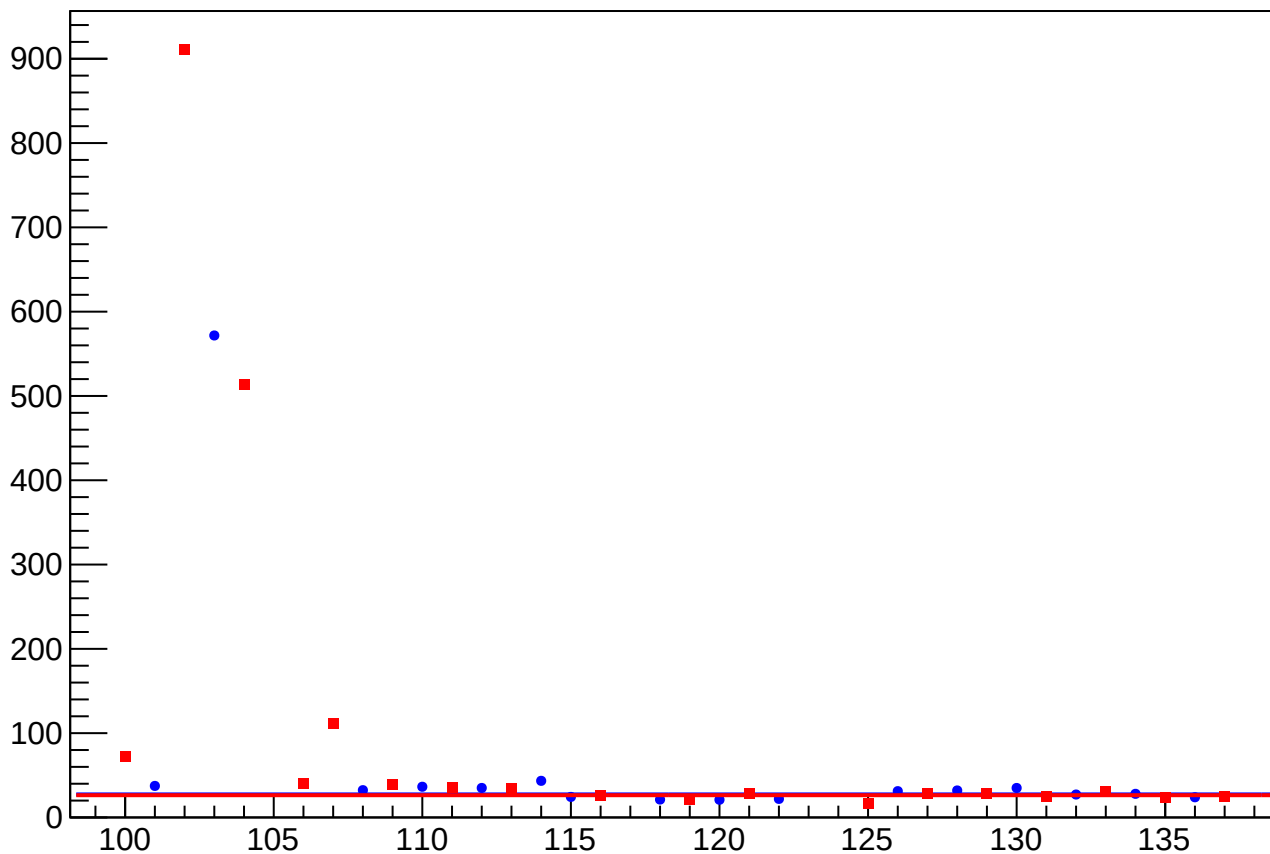
Right: -0.007 ± 0.008 χ^2/NDF : 25.7/33

In: -0.016 ± 0.012 χ^2/NDF : 14.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.008 χ^2/NDF : 25.7/33

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.305+/-0.008 χ^2/NDF : 1568325.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.400+/-0.009 χ^2/NDF : 2614710.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

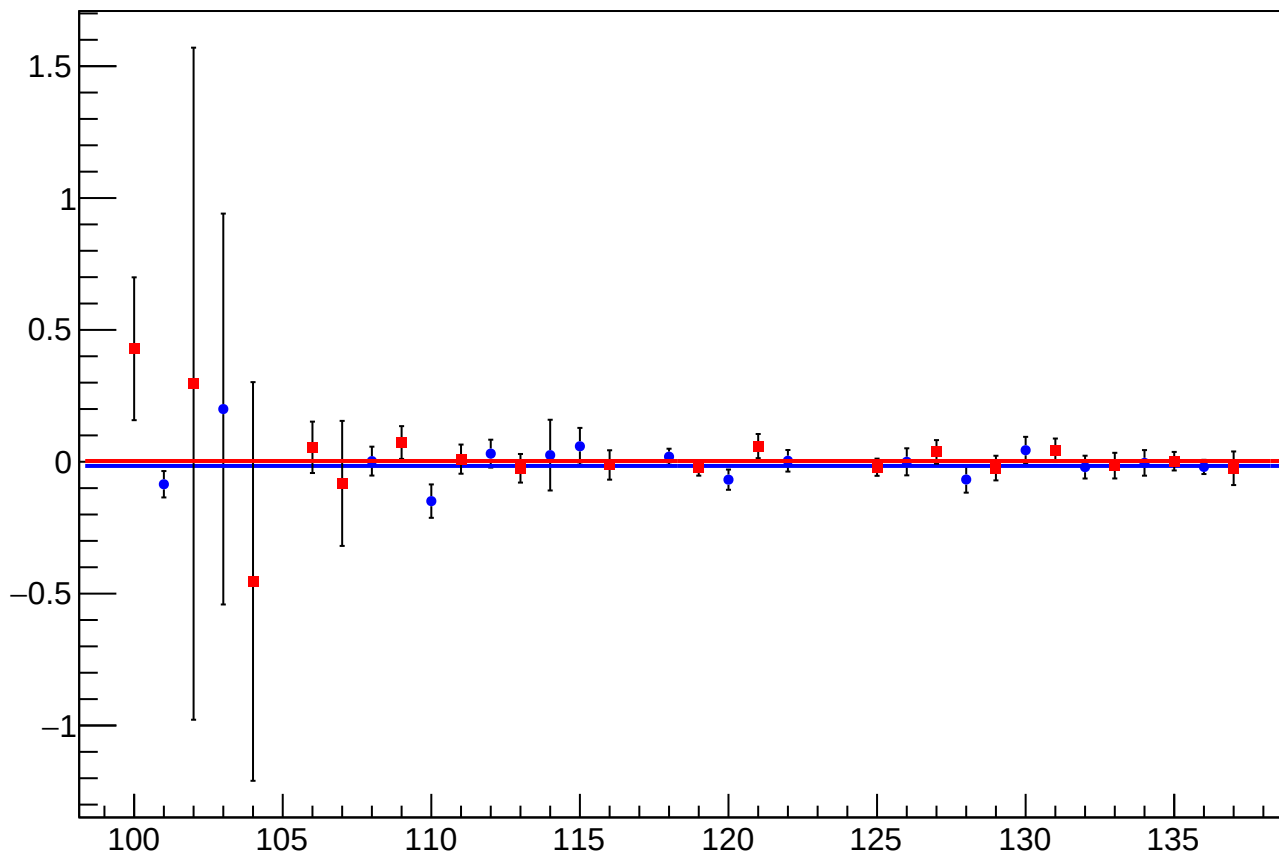
Right: 26.870+/-0.006 χ^2/NDF : 4188927.1/33

In: 27.305+/-0.008 χ^2/NDF : 1568325.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.870+/-0.006 χ^2/NDF : 4188927.1/33

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.012 χ^2/NDF : 9.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

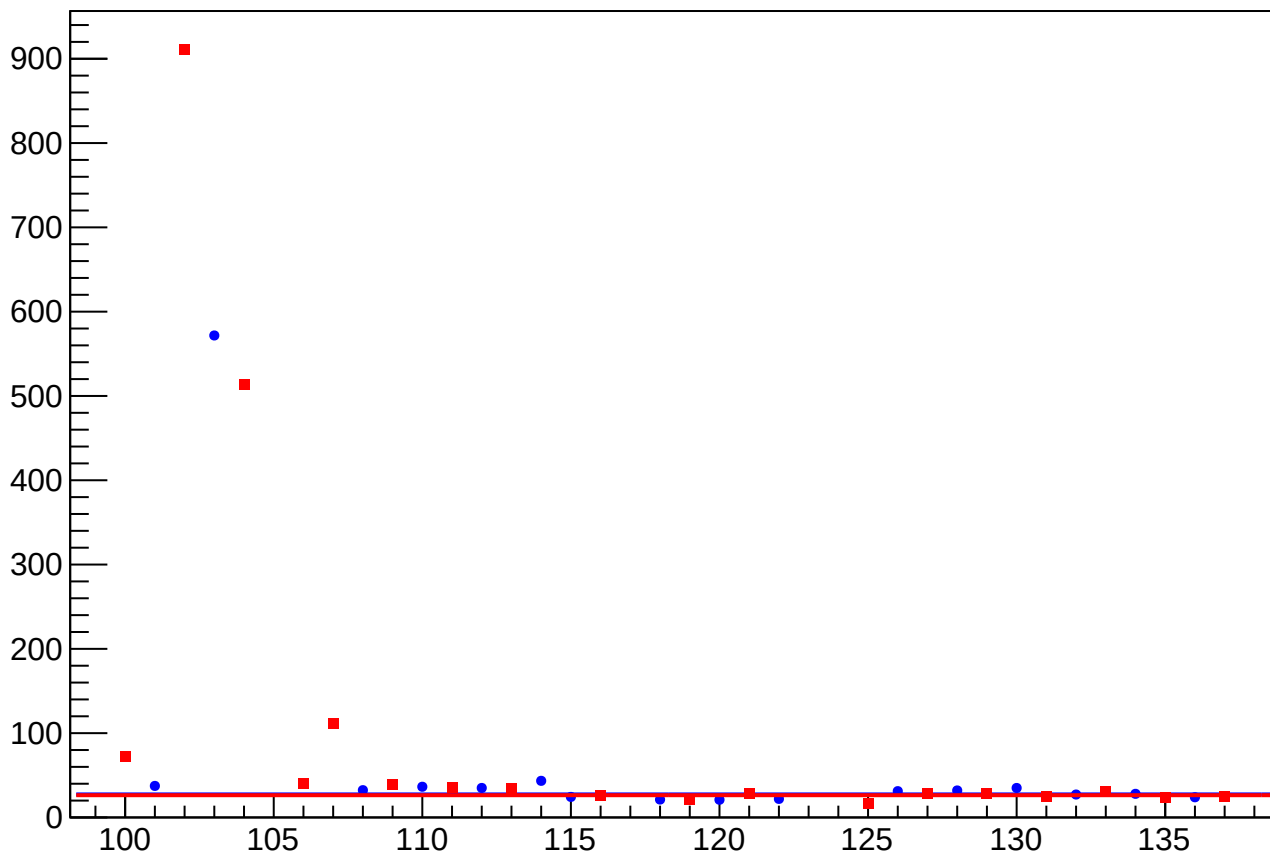
Right: -0.007+/-0.008 χ^2/NDF : 25.7/33

In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.008 χ^2/NDF : 25.7/33

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.305+/-0.008 χ^2/NDF : 1568325.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.400+/-0.009 χ^2/NDF : 2614710.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

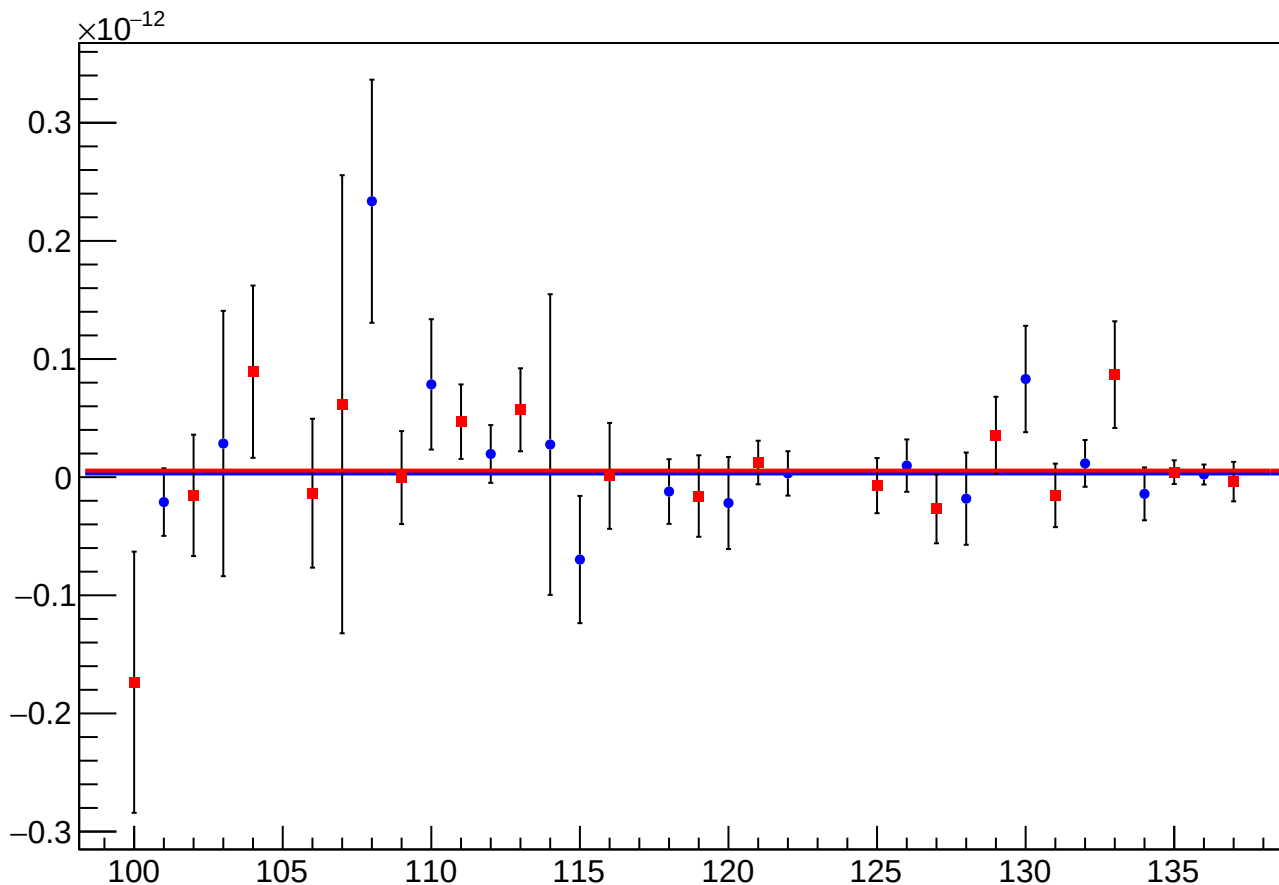
Right: 26.870+/-0.006 χ^2/NDF : 4188927.1/33

In: 27.305+/-0.008 χ^2/NDF : 1568325.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.870+/-0.006 χ^2/NDF : 4188927.1/33

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

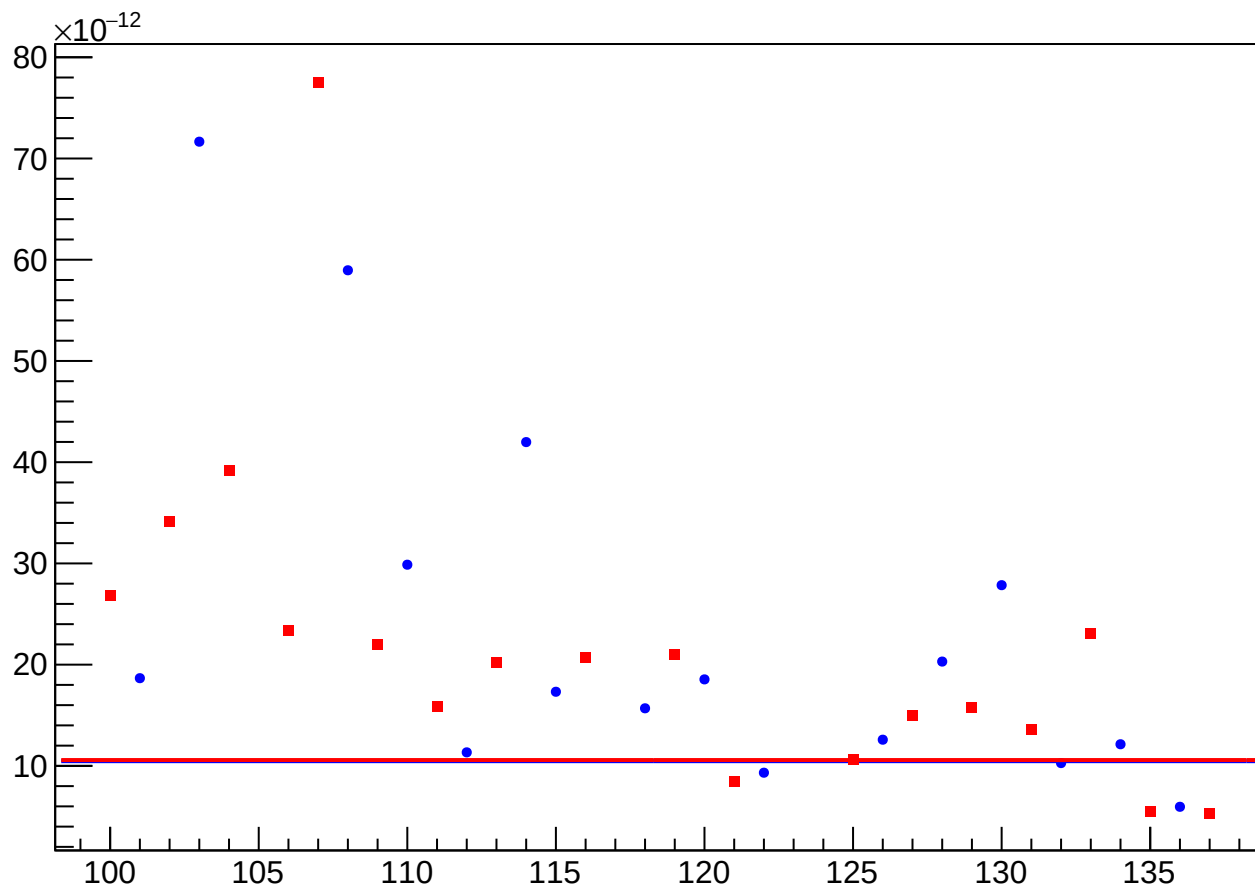
Right: 0.000+/-0.000 χ^2/NDF : 30.4/33

In: 0.000+/-0.000 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.4/33

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2794895.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2771384.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

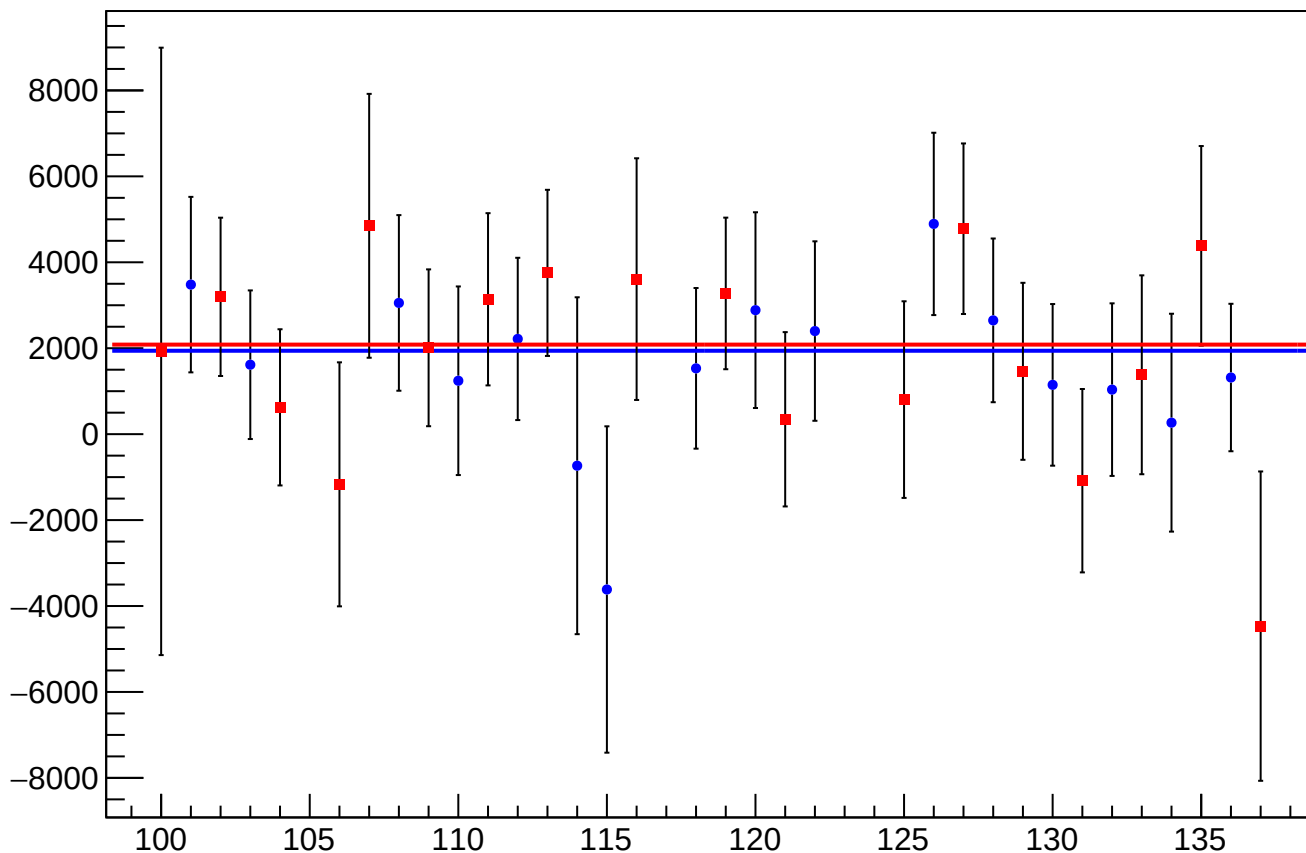
Right: 0.000+/-0.000 χ^2/NDF : 5566631.8/33

In: 0.000+/-0.000 χ^2/NDF : 2794895.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5566631.8/33

reg_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1940.976+/-522.174 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2083.952+/-519.583 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

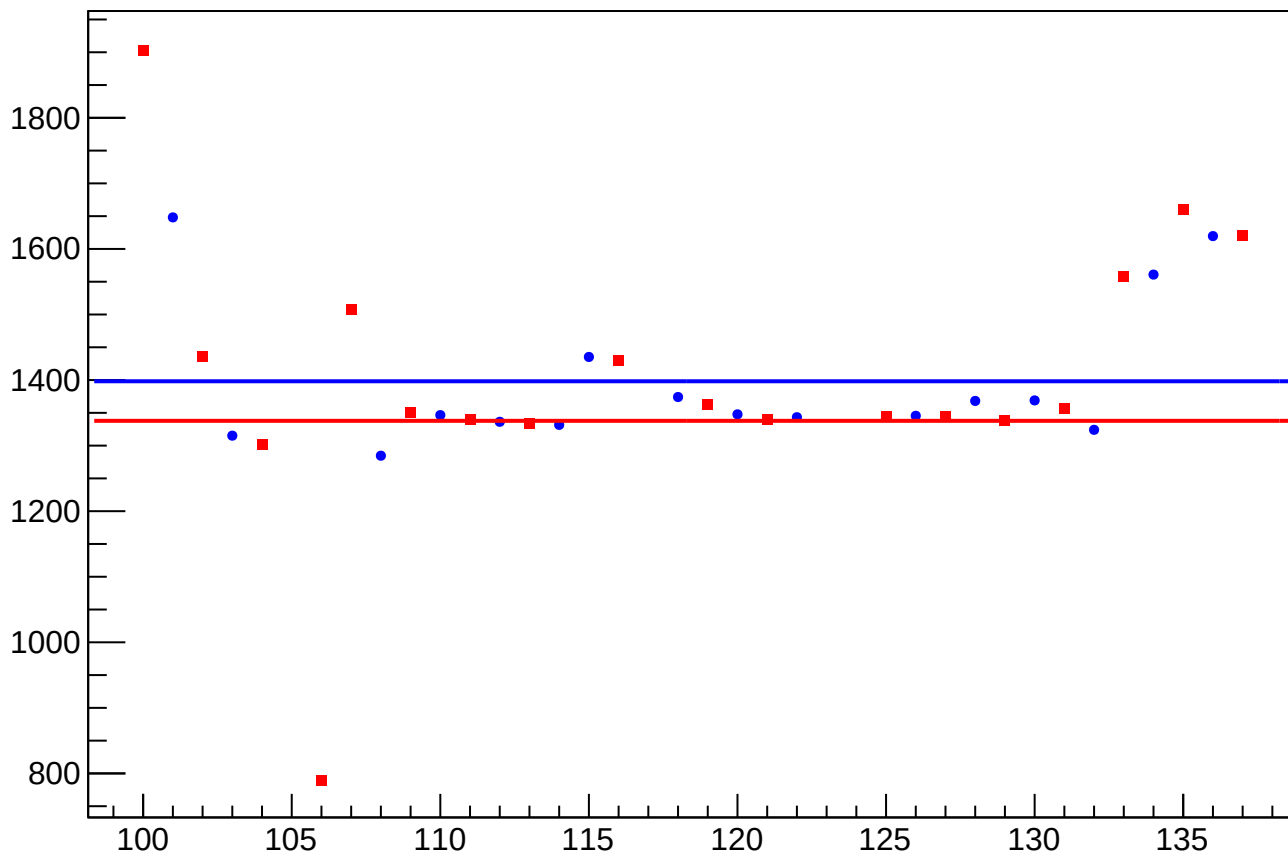
Right: 2012.819+/-368.313 χ^2/NDF : 21.4/33

In: 1940.976+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.819+/-368.313 χ^2/NDF : 21.4/33

reg_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.819+/-0.356 χ^2/NDF : 317763.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

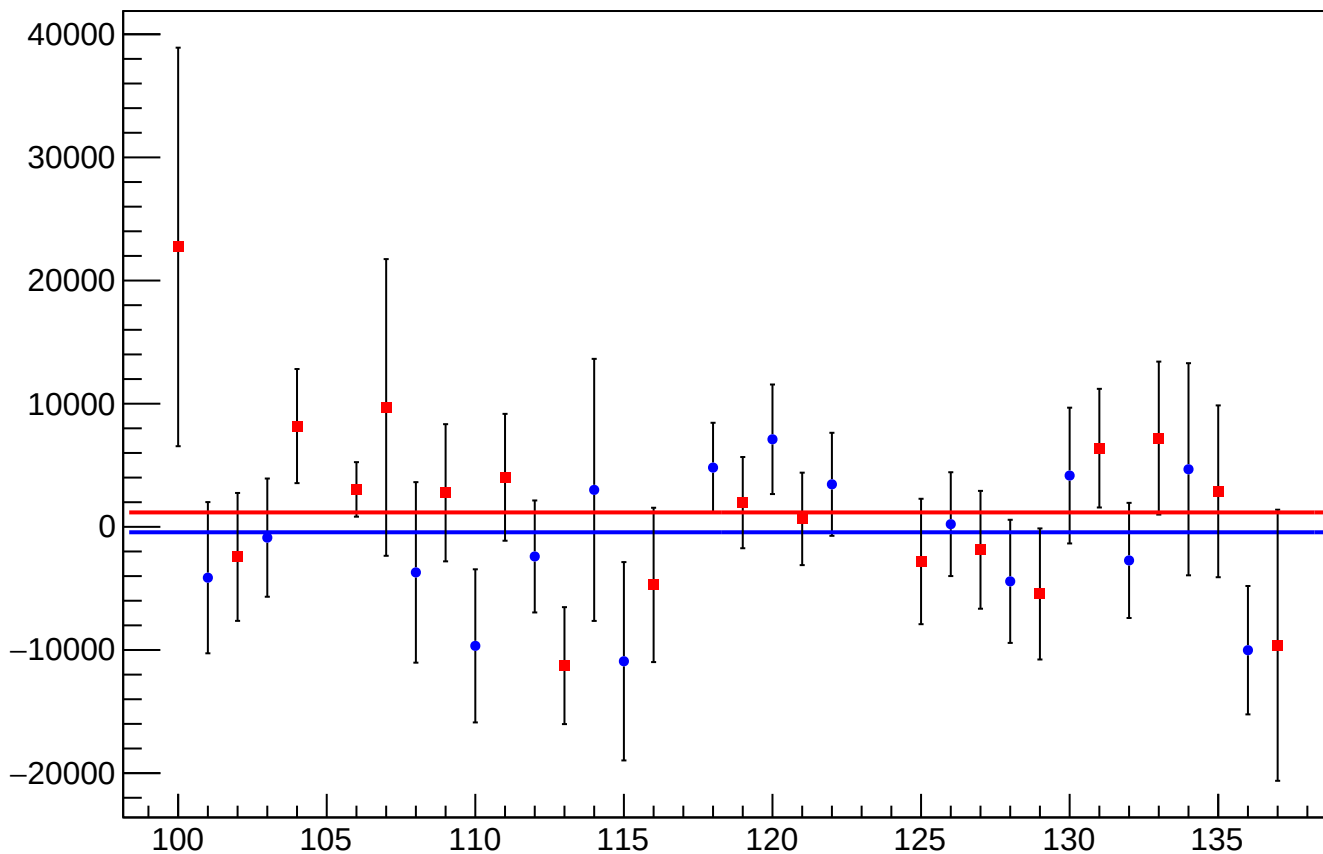
Right: 1366.881+/-0.256 χ^2/NDF : 425531.4/33

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1366.881+/-0.256 χ^2/NDF : 425531.4/33

asym_usl_atl2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -441.138+/-1295.916 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.548+/-1119.890 χ^2/NDF : 19.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

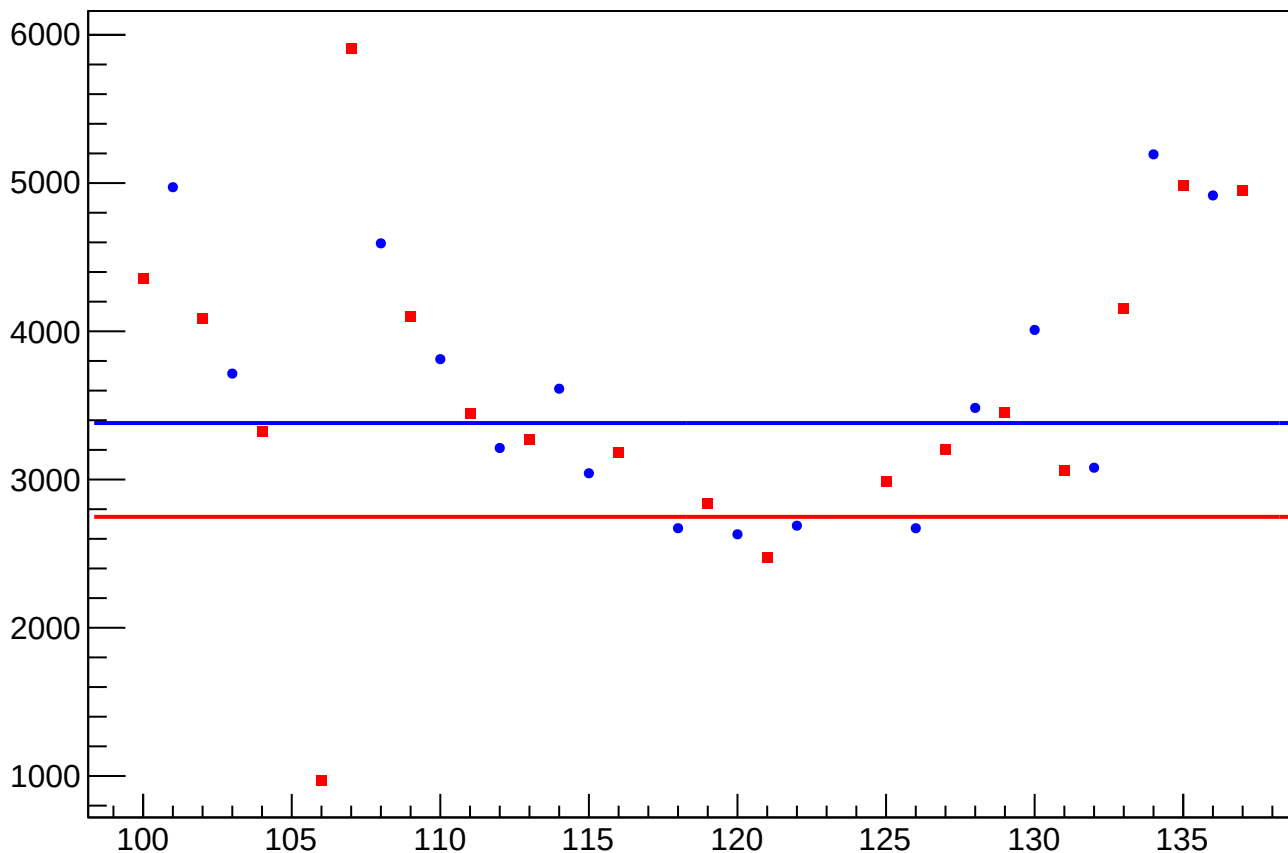
Right: 482.092+/-847.335 χ^2/NDF : 36.5/33

In: -441.138+/-1295.916 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.092+/-847.335 χ^2/NDF : 36.5/33

asym_usl_atl2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 3381.117+/-0.916 χ^2/NDF : 757146.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2748.372+/-0.792 χ^2/NDF : 2264563.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

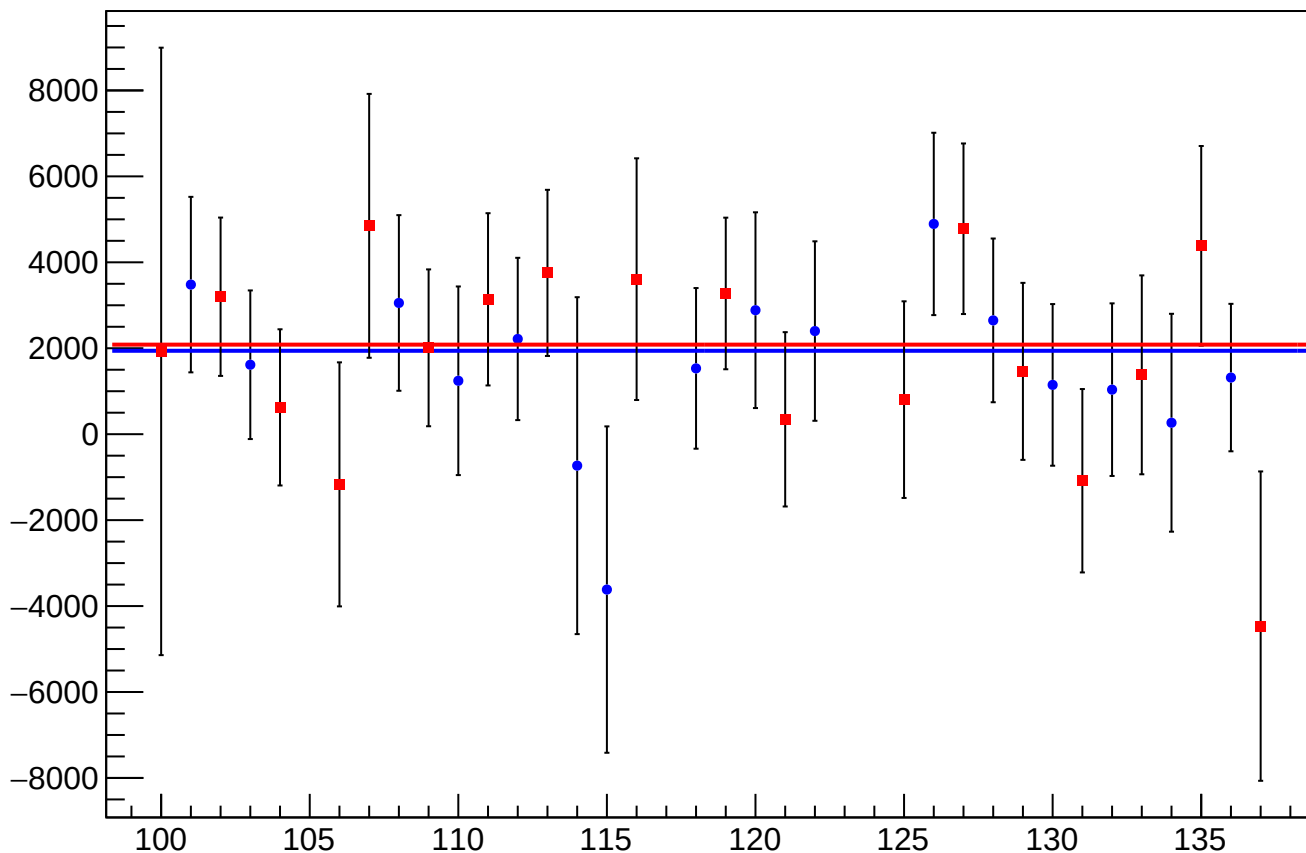
Right: 3018.883+/-0.599 χ^2/NDF : 3294667.2/33

In: 3381.117+/-0.916 χ^2/NDF : 757146.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3018.883+/-0.599 χ^2/NDF : 3294667.2/33

cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.166+/-519.587 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

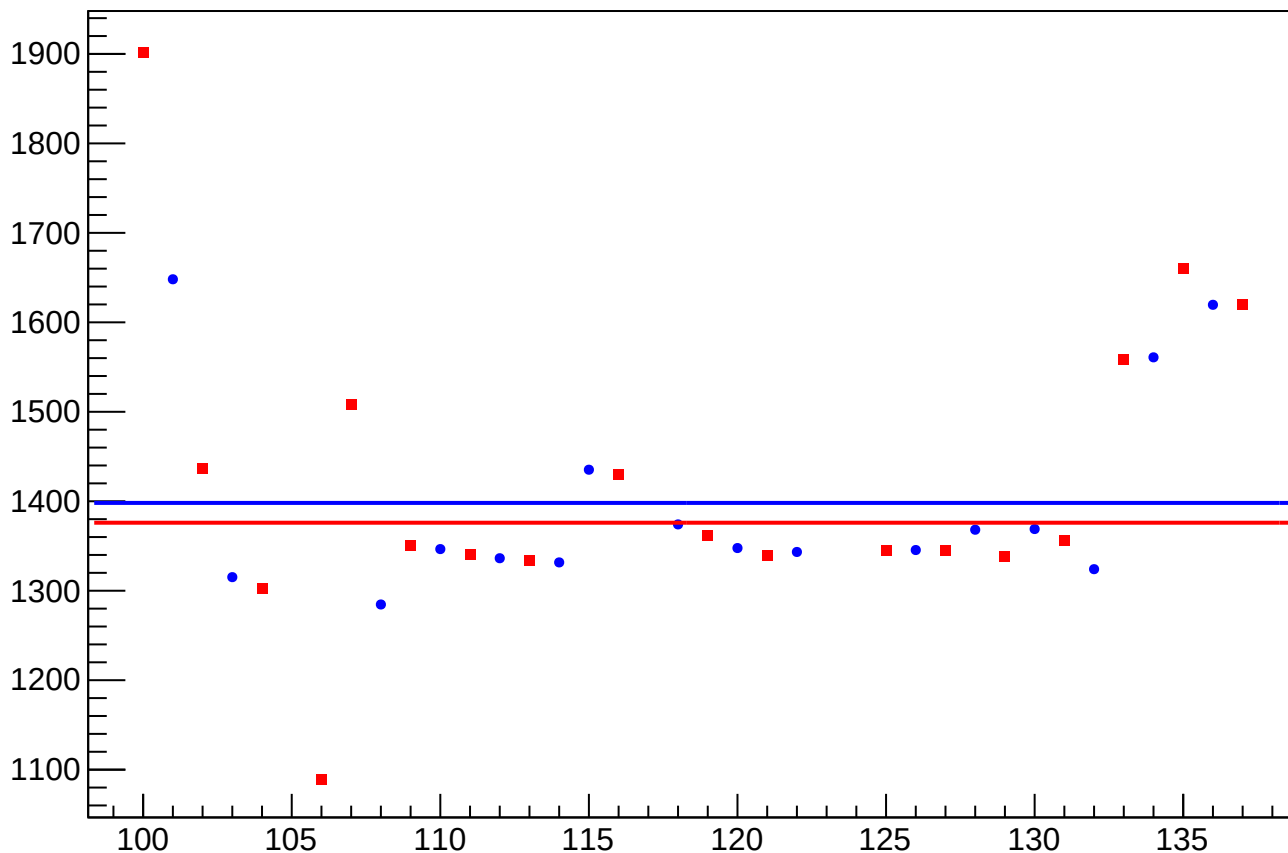
Right: 2012.954+/-368.315 χ^2/NDF : 21.4/33

In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.954+/-368.315 χ^2/NDF : 21.4/33

cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.021+/-0.363 χ^2/NDF : 114033.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

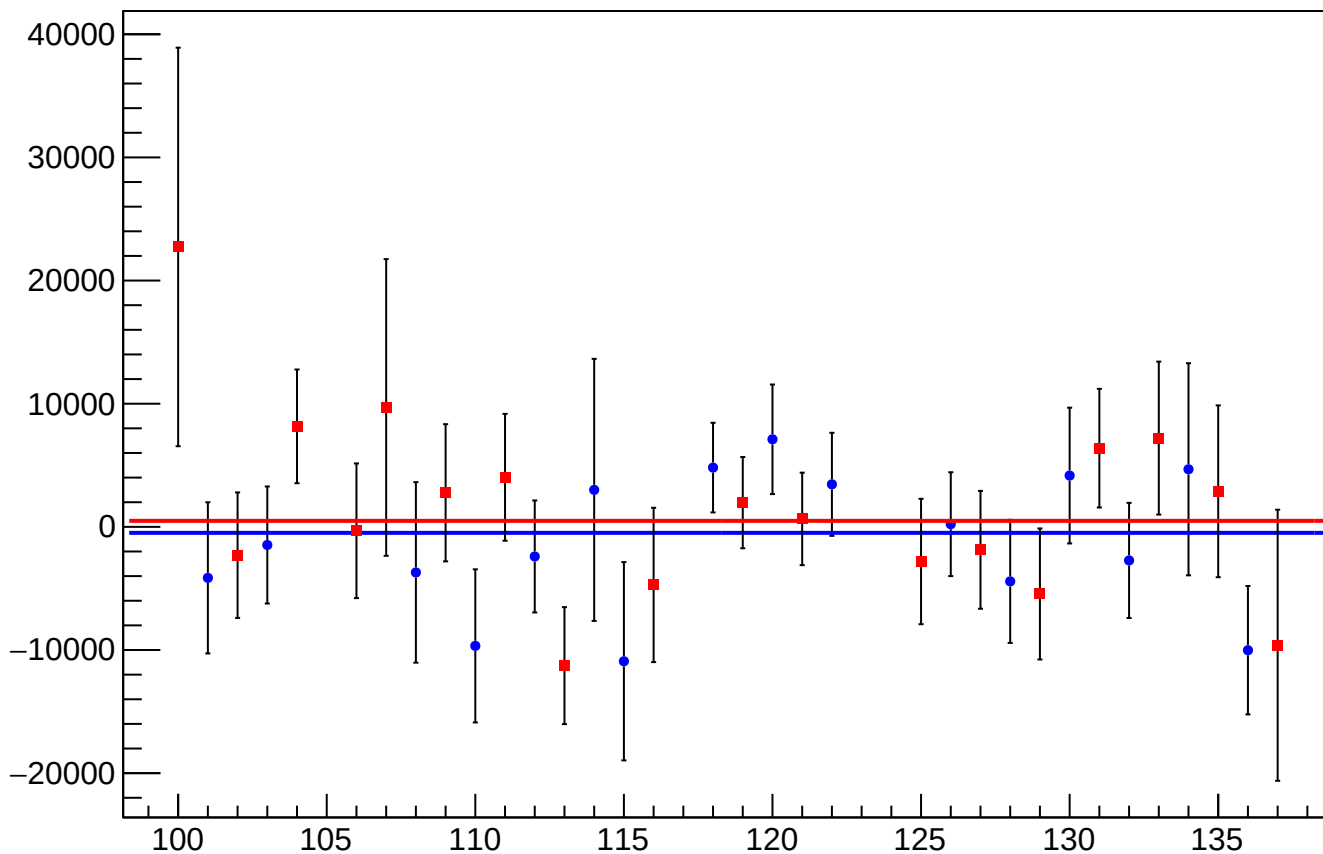
Right: 1386.888+/-0.259 χ^2/NDF : 209787.8/33

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.888+/-0.259 χ^2/NDF : 209787.8/33

asym_usl_atl2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.594+/-1261.315 χ^2/NDF : 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

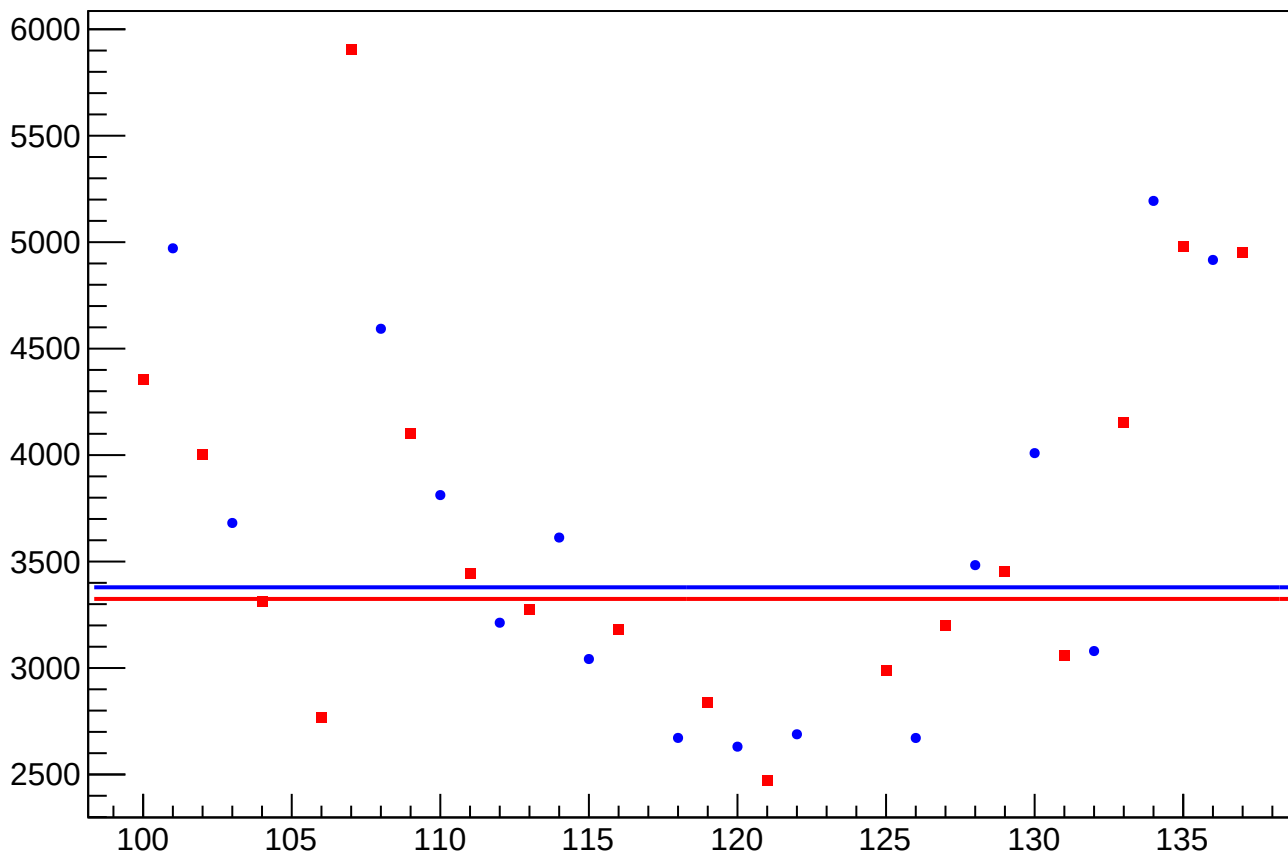
Right: 13.837+/-903.535 χ^2/NDF : 35.0/33

In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.837+/-903.535 χ^2/NDF : 35.0/33

asym_usl_atl2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3324.449+/-0.892 χ^2/NDF : 543813.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

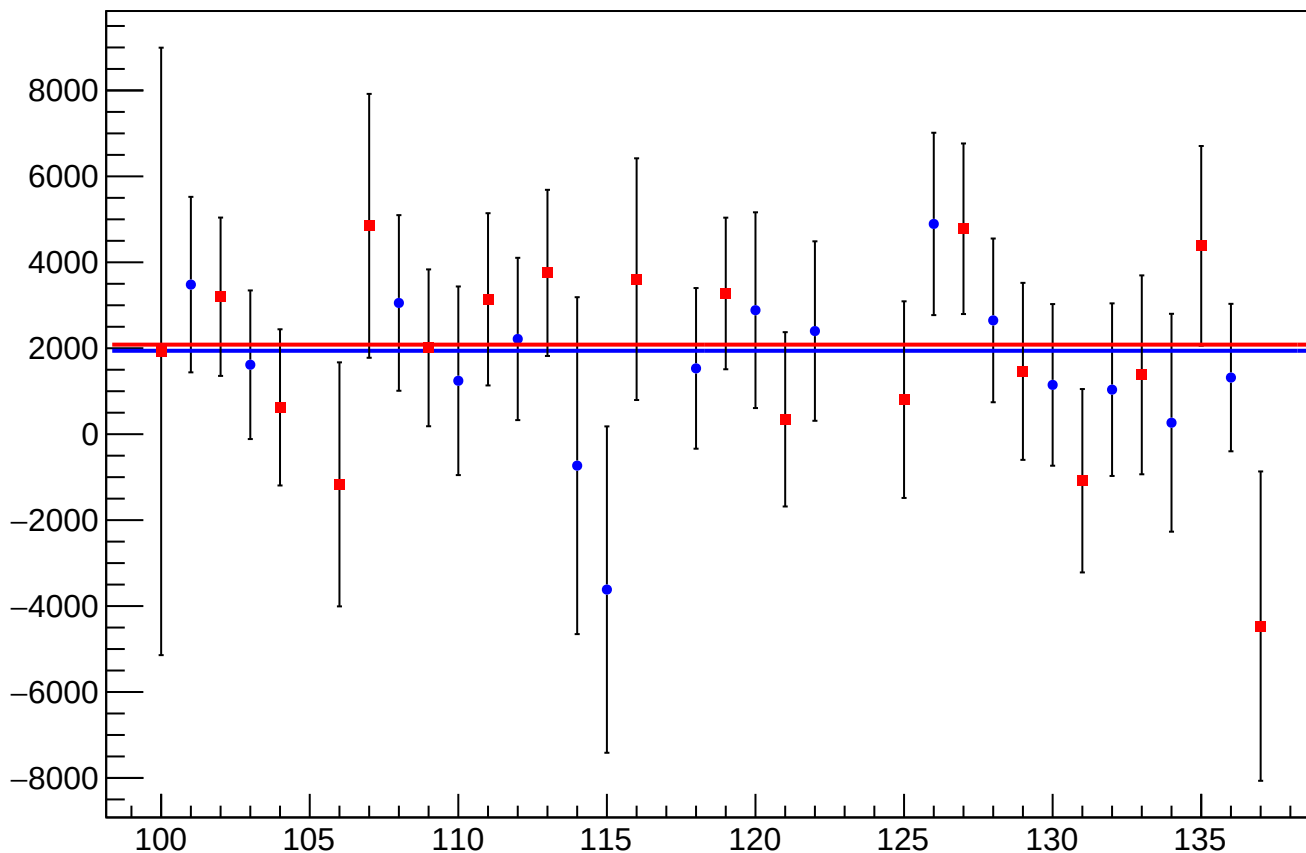
Right: 3351.061+/-0.639 χ^2/NDF : 1300981.9/33

In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3351.061+/-0.639 χ^2/NDF : 1300981.9/33

eigen_cor_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2084.166+/-519.587 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

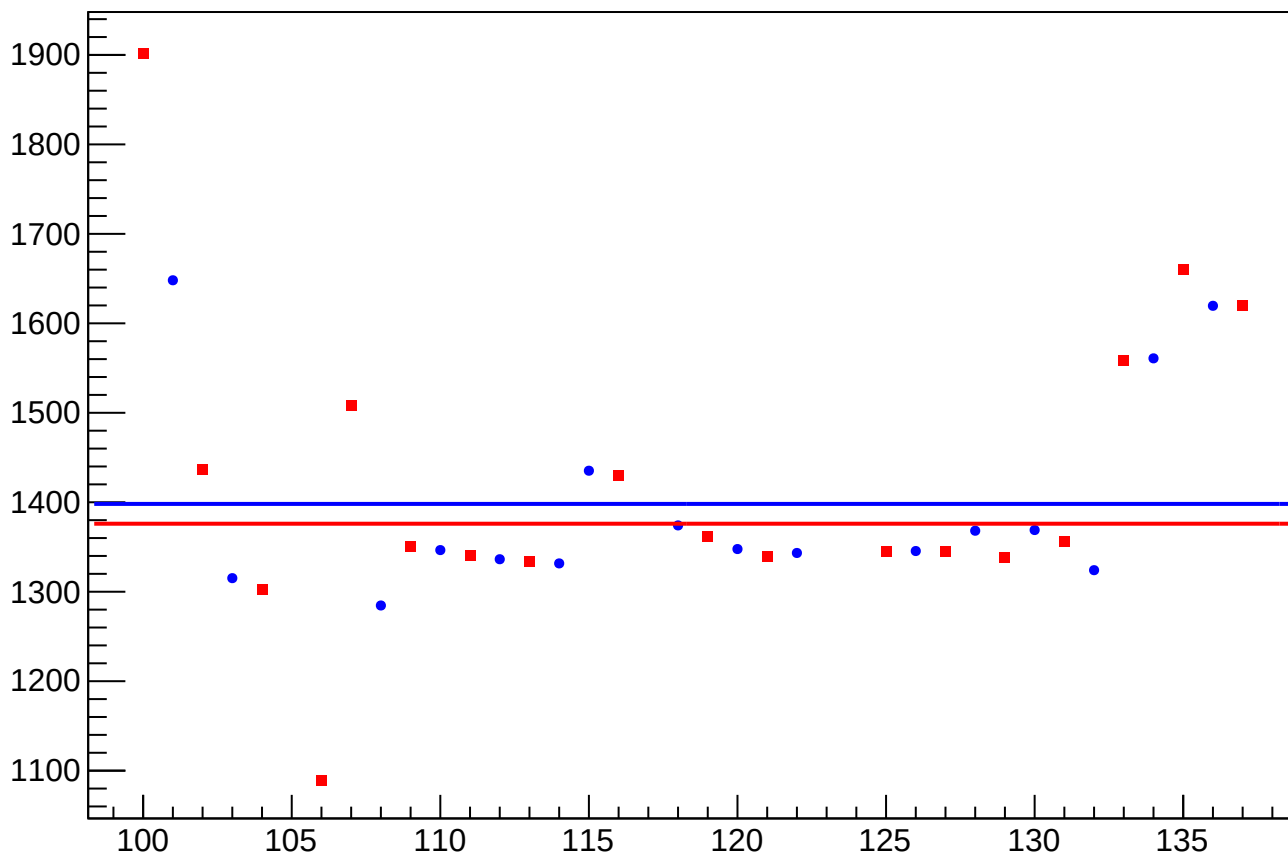
Right: 2012.954+/-368.315 χ^2/NDF : 21.4/33

In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.954+/-368.315 χ^2/NDF : 21.4/33

eigen_cor_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1376.021+/-0.363 χ^2/NDF : 114033.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

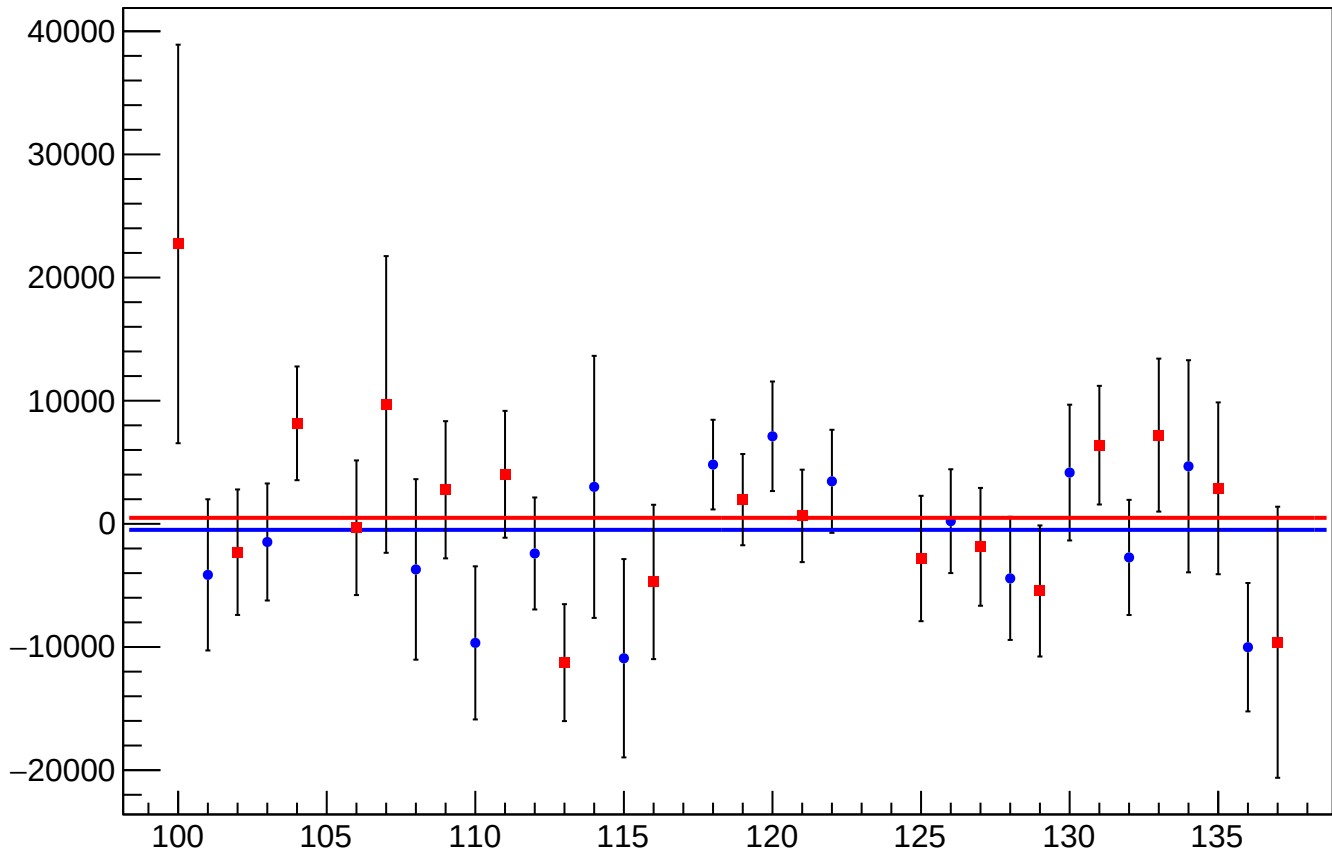
Right: 1386.888+/-0.259 χ^2/NDF : 209787.8/33

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1386.888+/-0.259 χ^2/NDF : 209787.8/33

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 488.594+/-1261.315 χ^2/NDF : 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

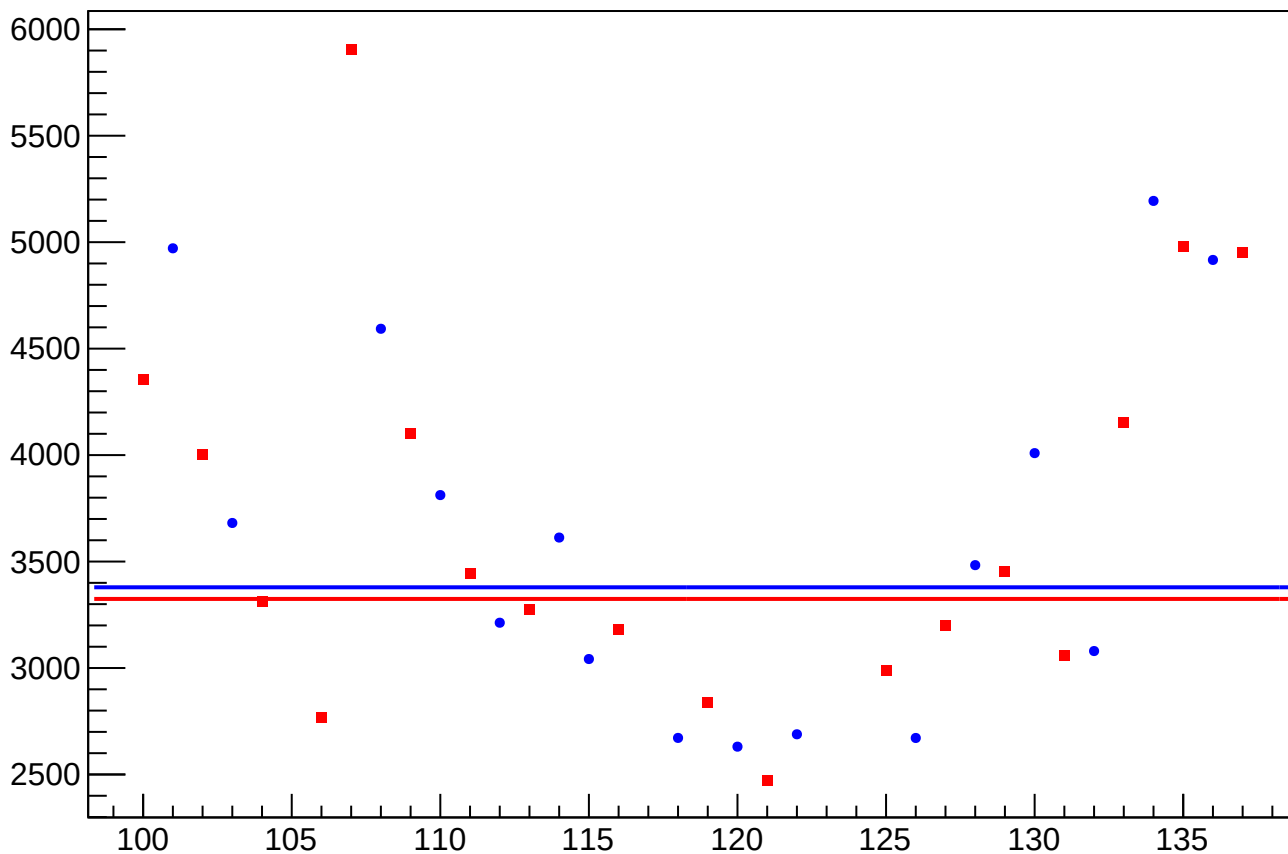
Right: 13.837+/-903.535 χ^2/NDF : 35.0/33

In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.837+/-903.535 χ^2/NDF : 35.0/33

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3324.449+/-0.892 χ^2/NDF : 543813.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

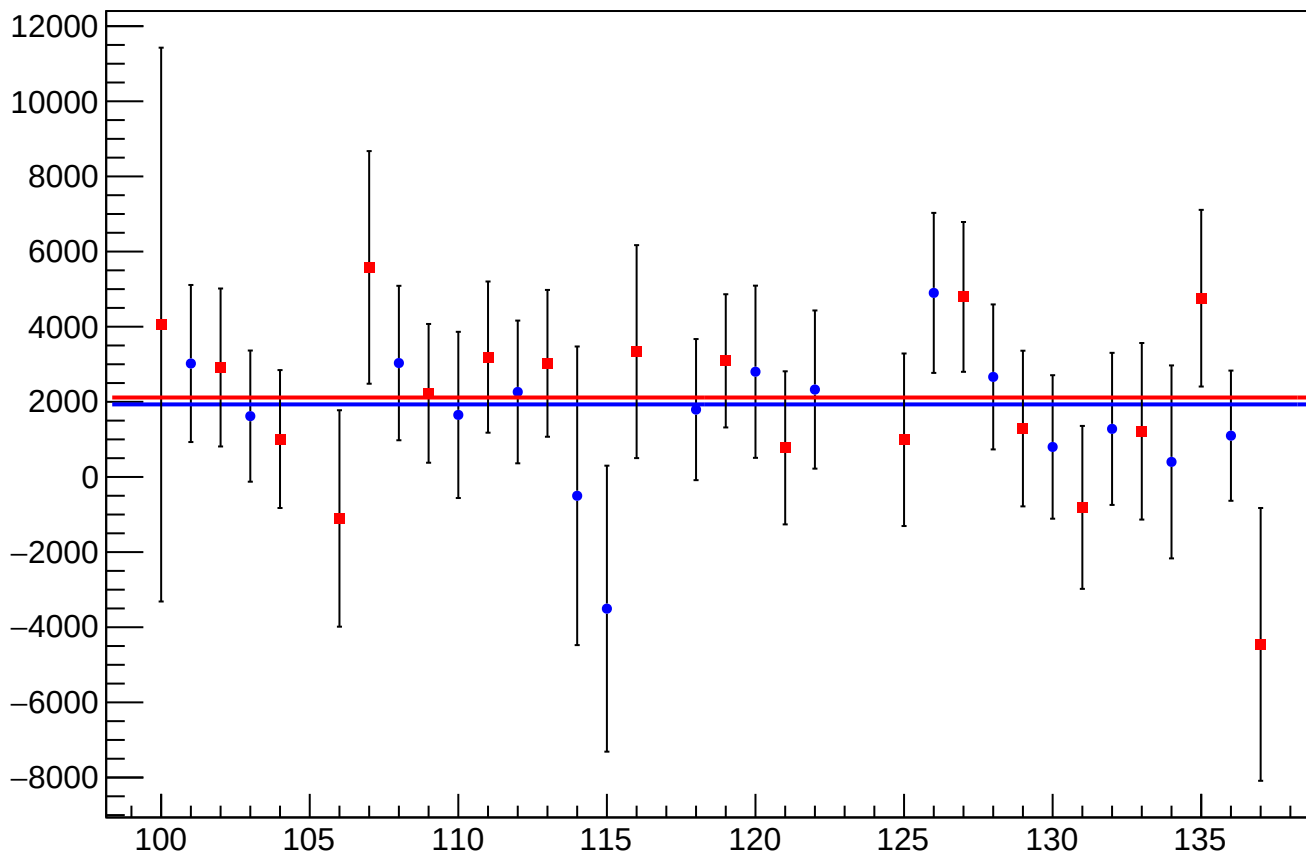
Right: 3351.061+/-0.639 χ^2/NDF : 1300981.9/33

In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3351.061+/-0.639 χ^2/NDF : 1300981.9/33

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1931.537 $\pm$ 527.135 χ^2 /NDF: 6.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2115.195 $\pm$ 528.802 χ^2 /NDF: 13.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

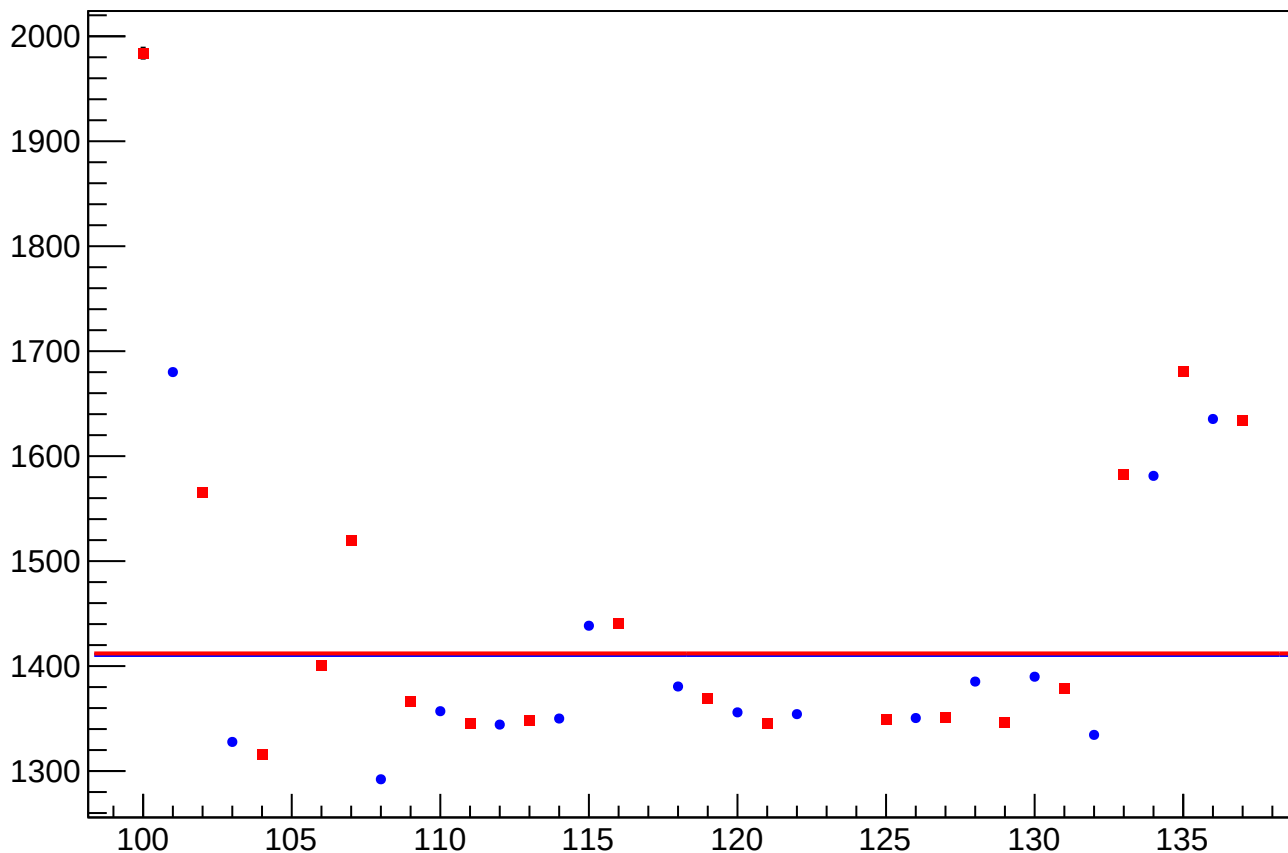
Right: 2023.076 $\pm$ 373.329 χ^2 /NDF: 19.6/33

In: 1931.537 $\pm$ 527.135 χ^2 /NDF:6.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2023.076 $\pm$ 373.329 χ^2 /NDF: 19.6/33

dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.048+/-0.373 χ^2/NDF : 89704.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

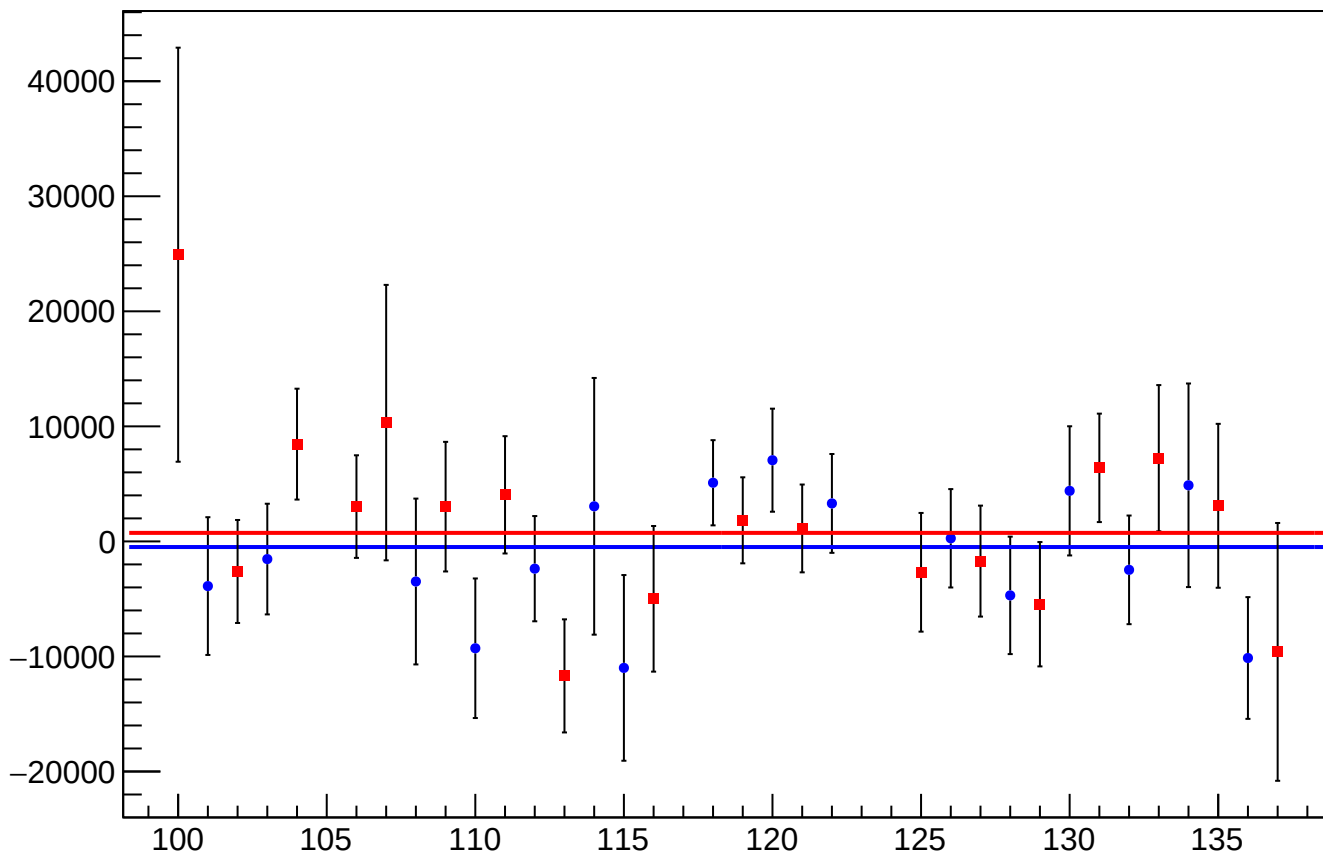
Right: 1411.321+/-0.264 χ^2/NDF : 188862.1/33

In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.321+/-0.264 χ^2/NDF : 188862.1/33

asym_usl_atl2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -489.402+/-1308.692 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.592+/-1247.947 χ^2/NDF : 19.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

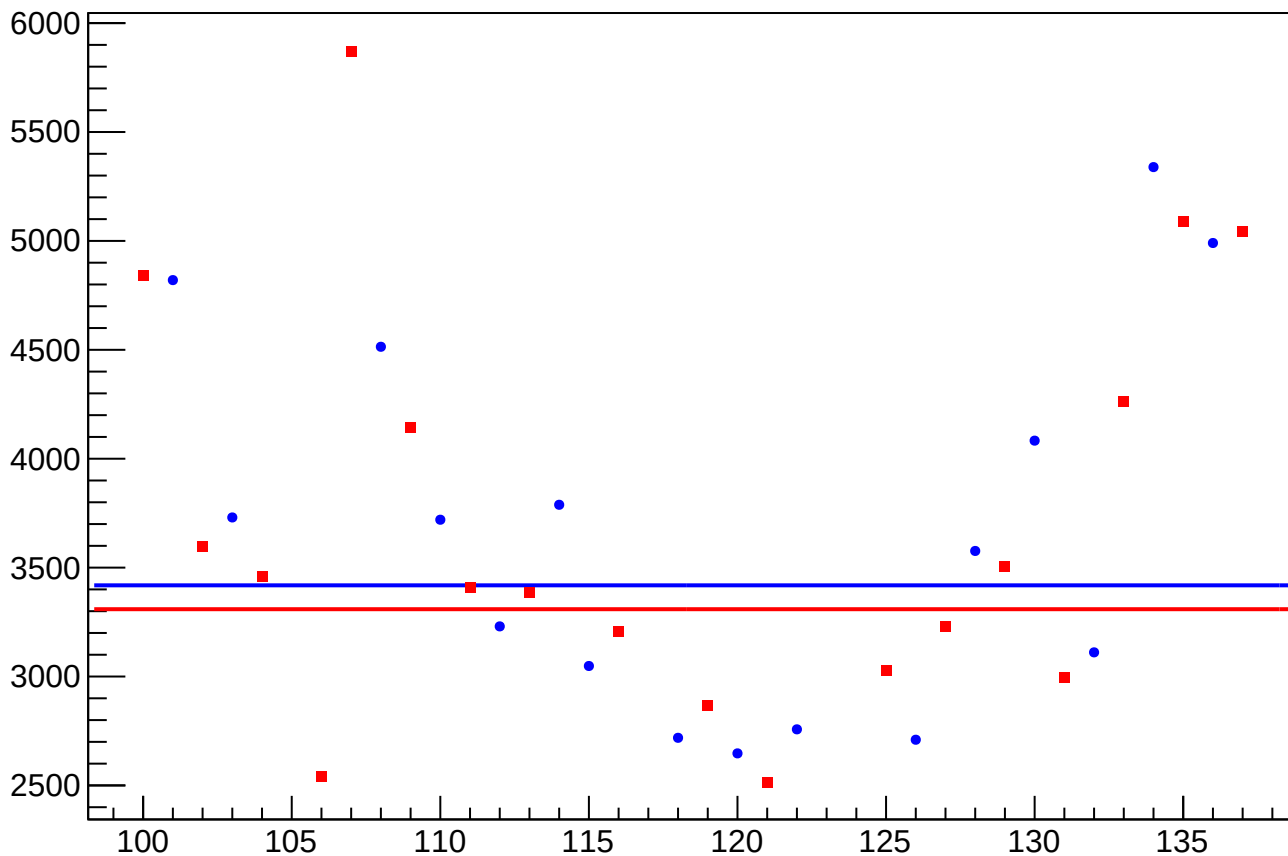
Right: 154.802+/-903.143 χ^2/NDF : 35.5/33

In: -489.402+/-1308.692 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.802+/-903.143 χ^2/NDF : 35.5/33

asym_usl_atl2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 3418.701+/-0.925 χ^2/NDF : 721215.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3309.112+/-0.882 χ^2/NDF : 571940.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

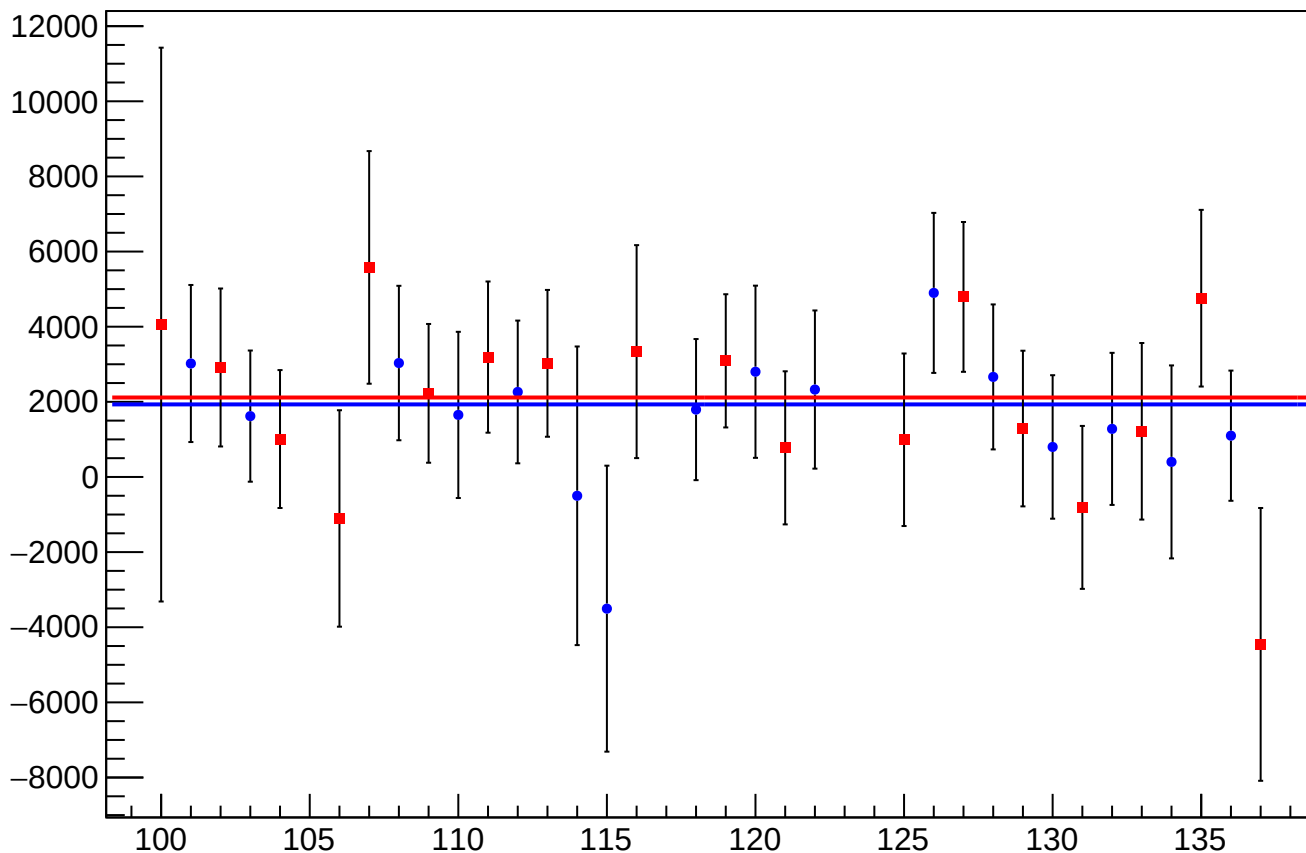
Right: 3361.304+/-0.639 χ^2/NDF : 1300501.2/33

In: 3418.701+/-0.925 χ^2/NDF : 721215.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3361.304+/-0.639 χ^2/NDF : 1300501.2/33

eigen_dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1931.538+/-527.135 χ^2/NDF : 6.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2115.195+/-528.802 χ^2/NDF : 13.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

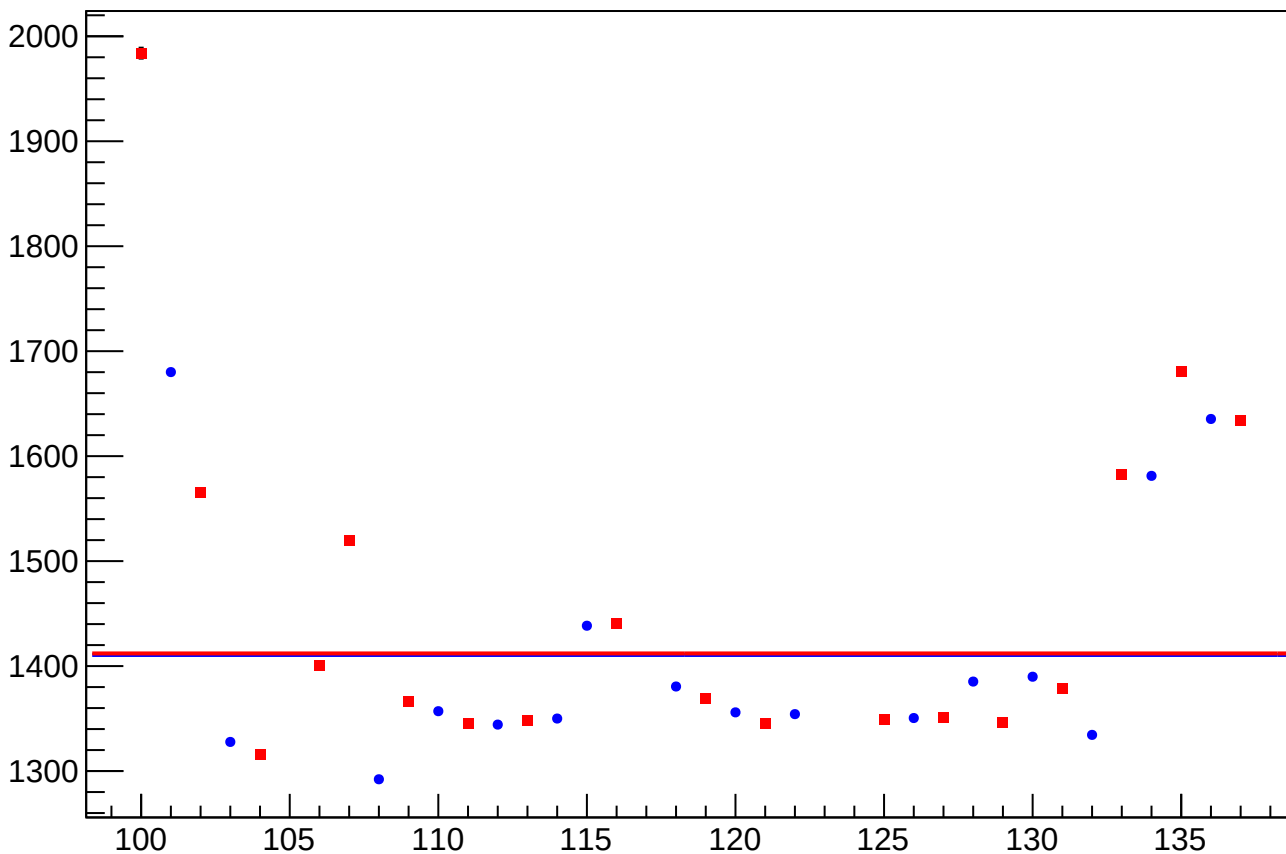
Right: 2023.076+/-373.329 χ^2/NDF : 19.6/33

In: 1931.538+/-527.135 χ^2/NDF : 6.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2023.076+/-373.329 χ^2/NDF : 19.6/33

eigen_dit_asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1412.048+/-0.373 χ^2/NDF : 89704.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

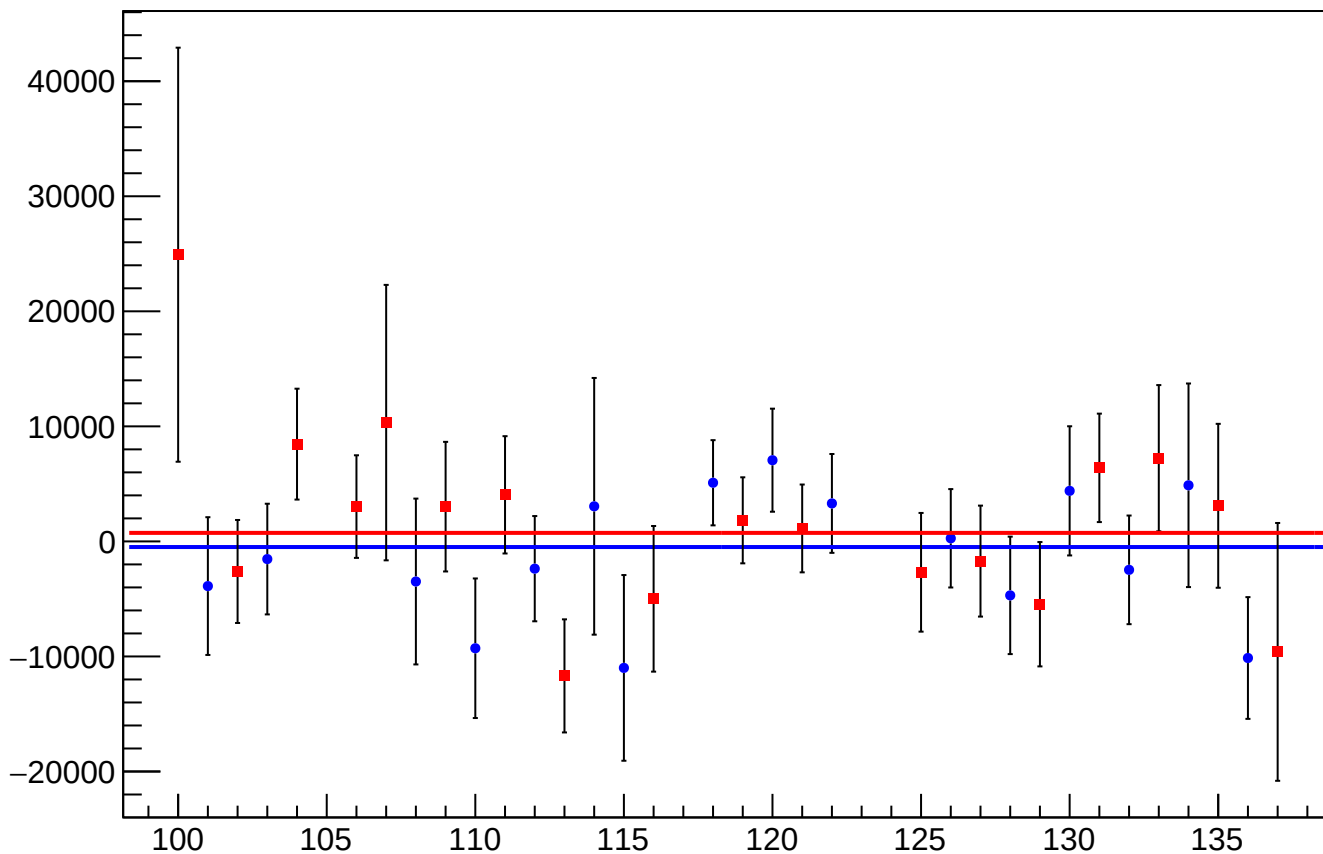
Right: 1411.321+/-0.264 χ^2/NDF : 188862.2/33

In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1411.321+/-0.264 χ^2/NDF : 188862.2/33

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -489.395+/-1308.688 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 740.594+/-1247.944 χ^2/NDF : 19.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

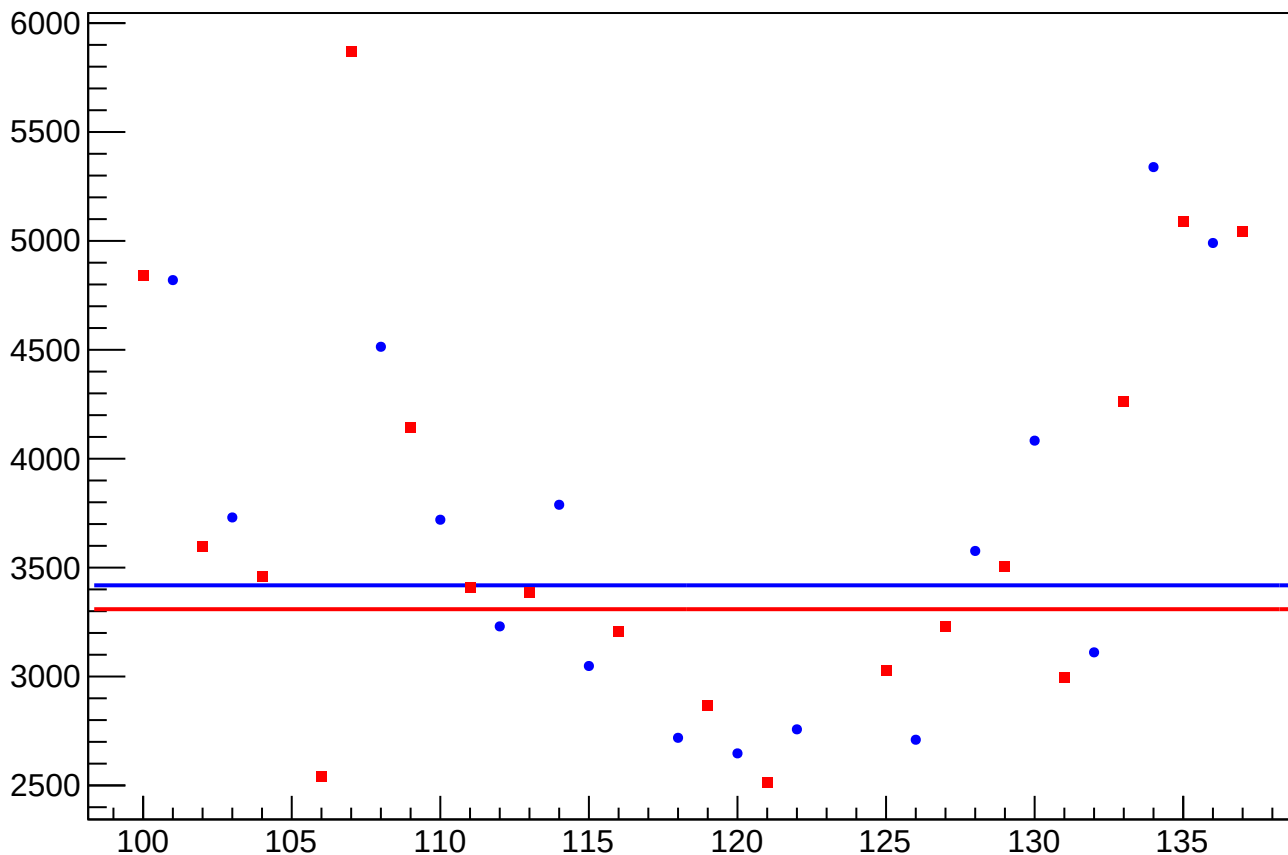
Right: 154.807+/-903.141 χ^2/NDF : 35.5/33

In: -489.395+/-1308.688 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.807+/-903.141 χ^2/NDF : 35.5/33

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3418.690+/-0.925 χ^2/NDF : 721223.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3309.102+/-0.882 χ^2/NDF : 571944.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

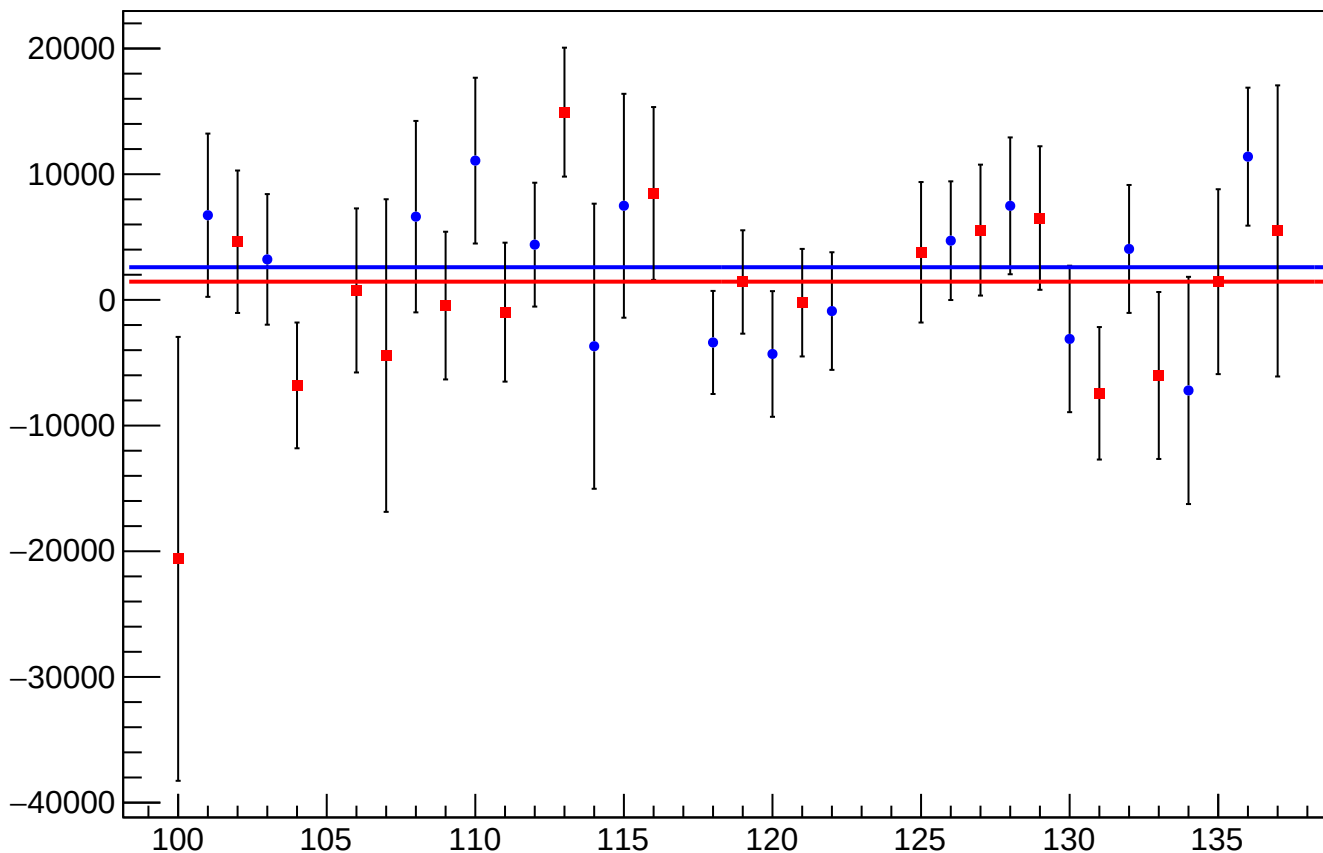
Right: 3361.294+/-0.639 χ^2/NDF : 1300513.6/33

In: 3418.690+/-0.925 χ^2/NDF : 721223.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3361.294+/-0.639 χ^2/NDF : 1300513.6/33

asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 2599.622+/-1414.499 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.418+/-1382.818 χ^2/NDF : 19.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

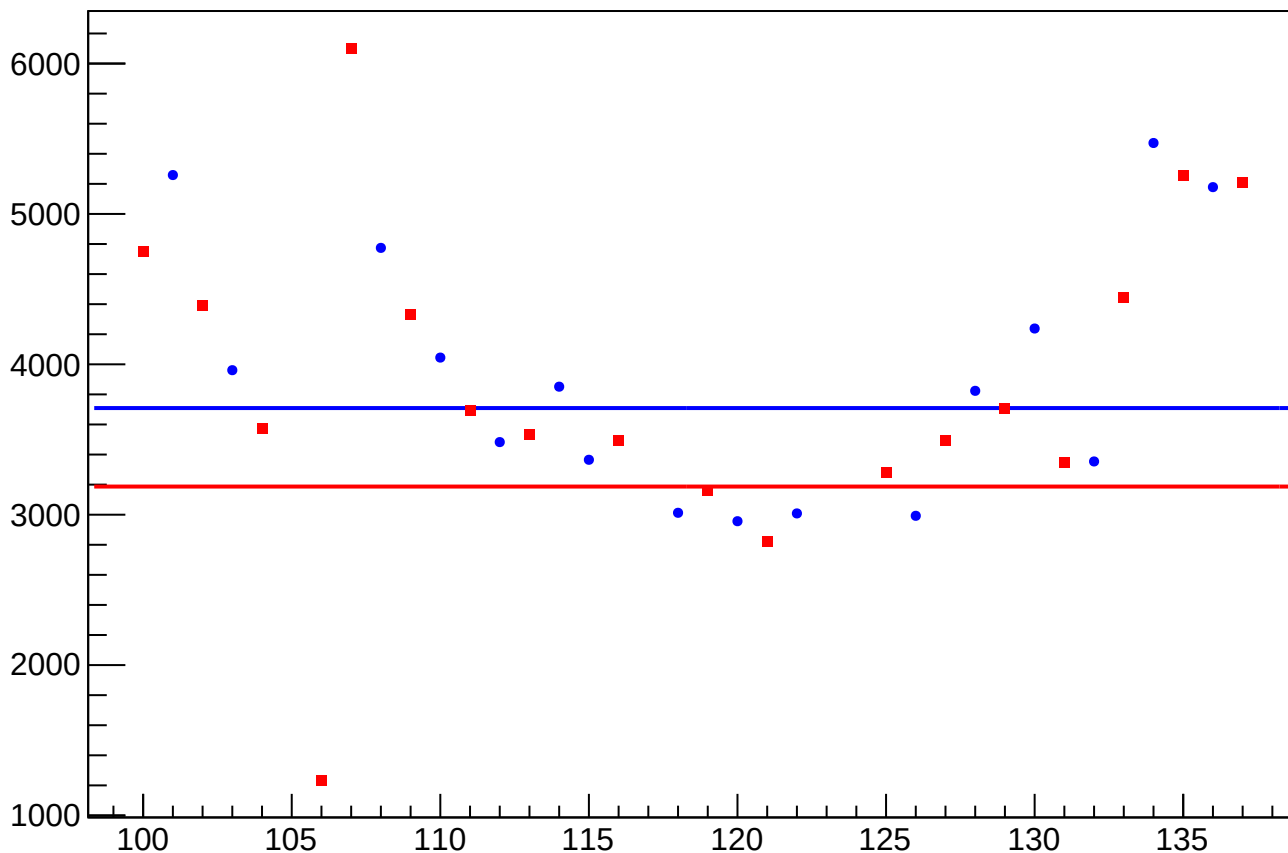
Right: 2012.006+/-988.811 χ^2/NDF : 32.9/33

In: 2599.622+/-1414.499 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2012.006+/-988.811 χ^2/NDF : 32.9/33

asym_usl_atl2_avg_rms vs Slug, Sign Corrected



Right In: 3709.155+/-1.000 χ^2/NDF : 610637.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3187.191+/-0.896 χ^2/NDF : 1610818.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

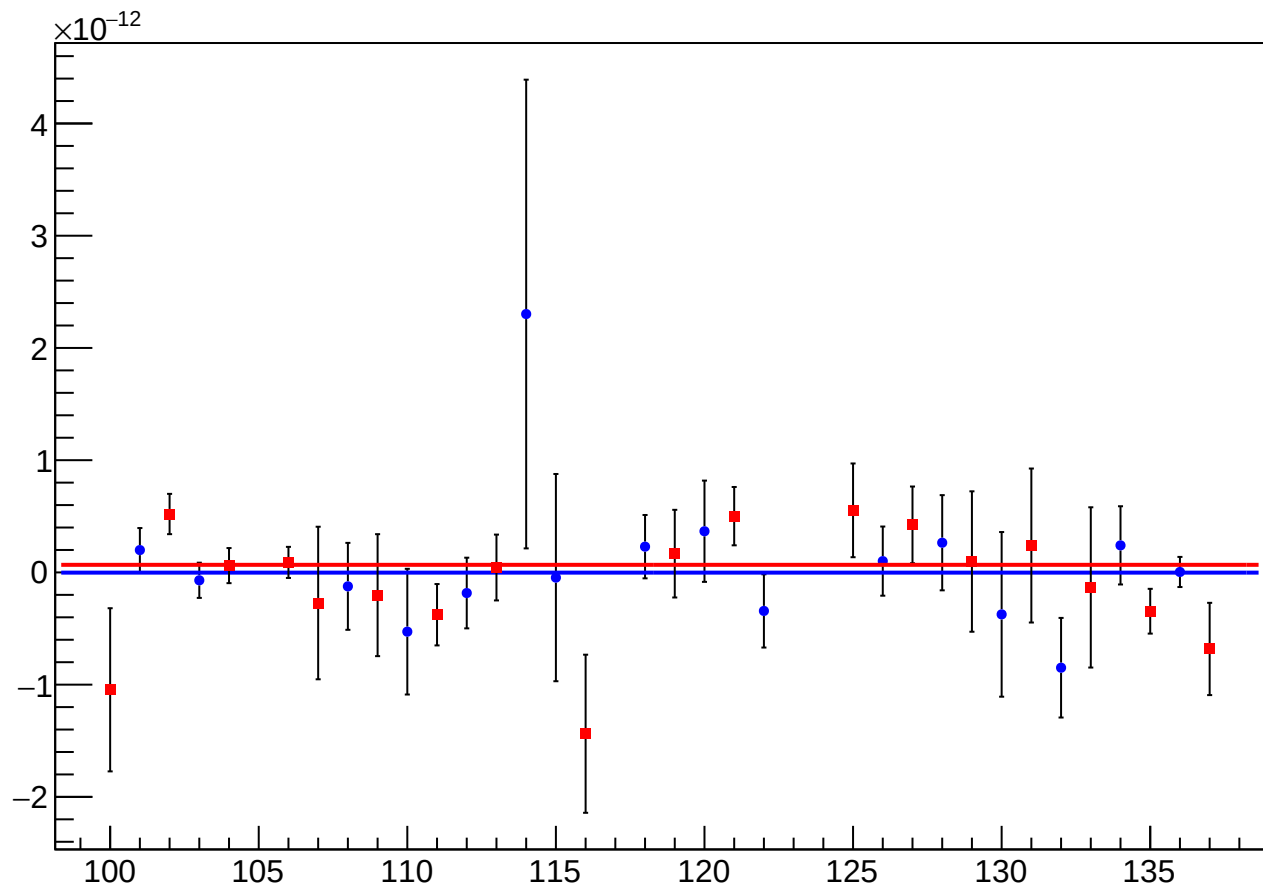
Right: 3419.452+/-0.667 χ^2/NDF : 2372609.3/33

In: 3709.155+/-1.000 χ^2/NDF : 610637.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3419.452+/-0.667 χ^2/NDF : 2372609.3/33

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

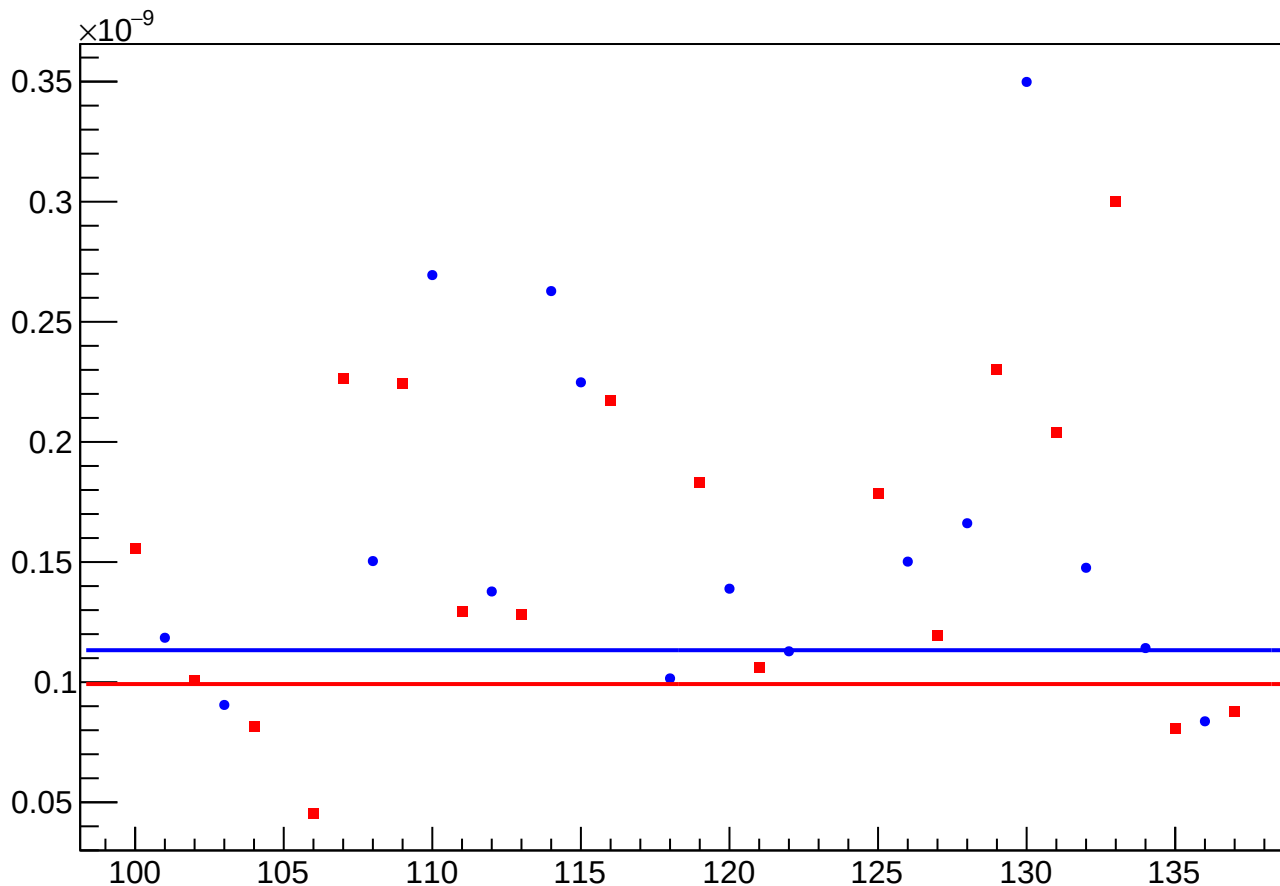
Right: 0.000+/-0.000 χ^2/NDF : 41.1/33

In: -0.000+/-0.000 χ^2/NDF : 11.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.1/33

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 655766.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1100854.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

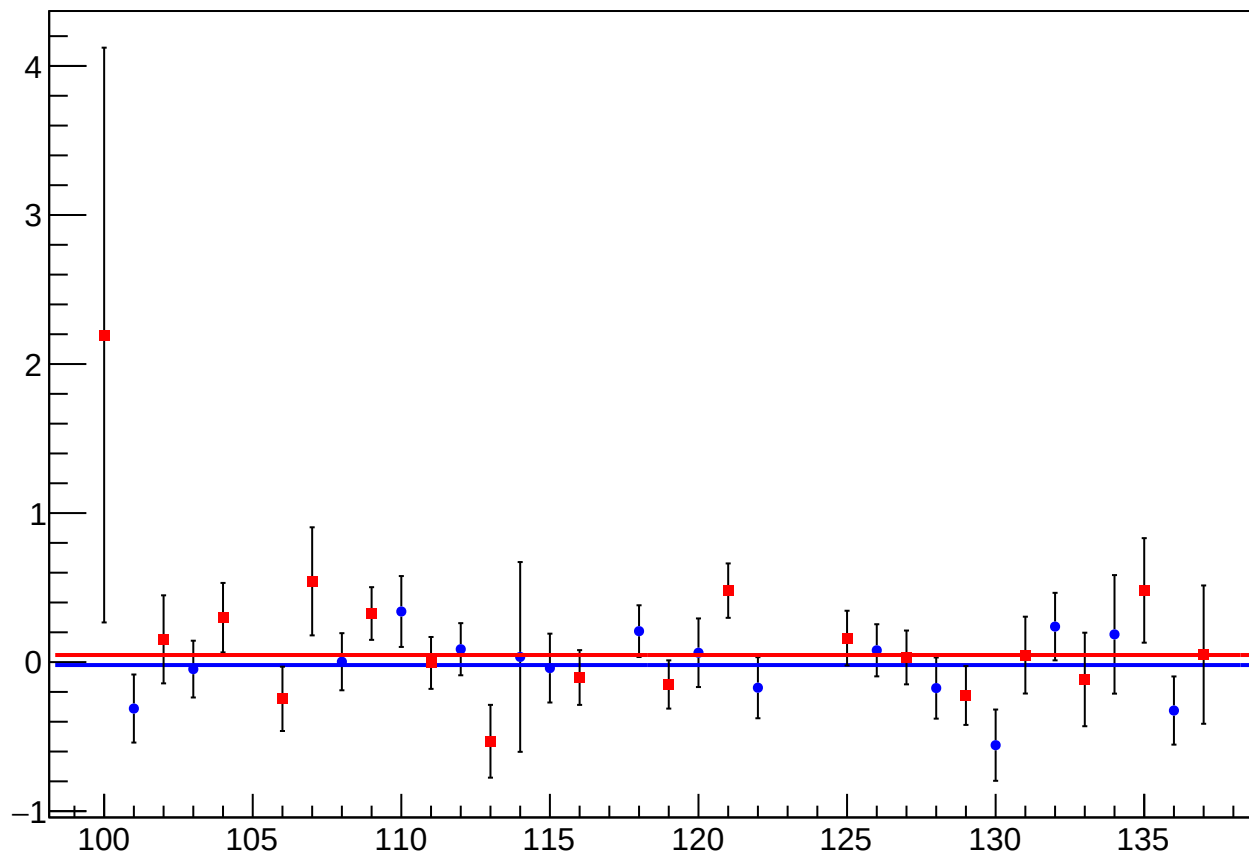
Right: 0.000+/-0.000 χ^2/NDF : 1799459.5/33

In: 0.000+/-0.000 χ^2/NDF : 655766.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1799459.5/33

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.054 χ^2 /NDF: 16.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.048+/-0.052 χ^2 /NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

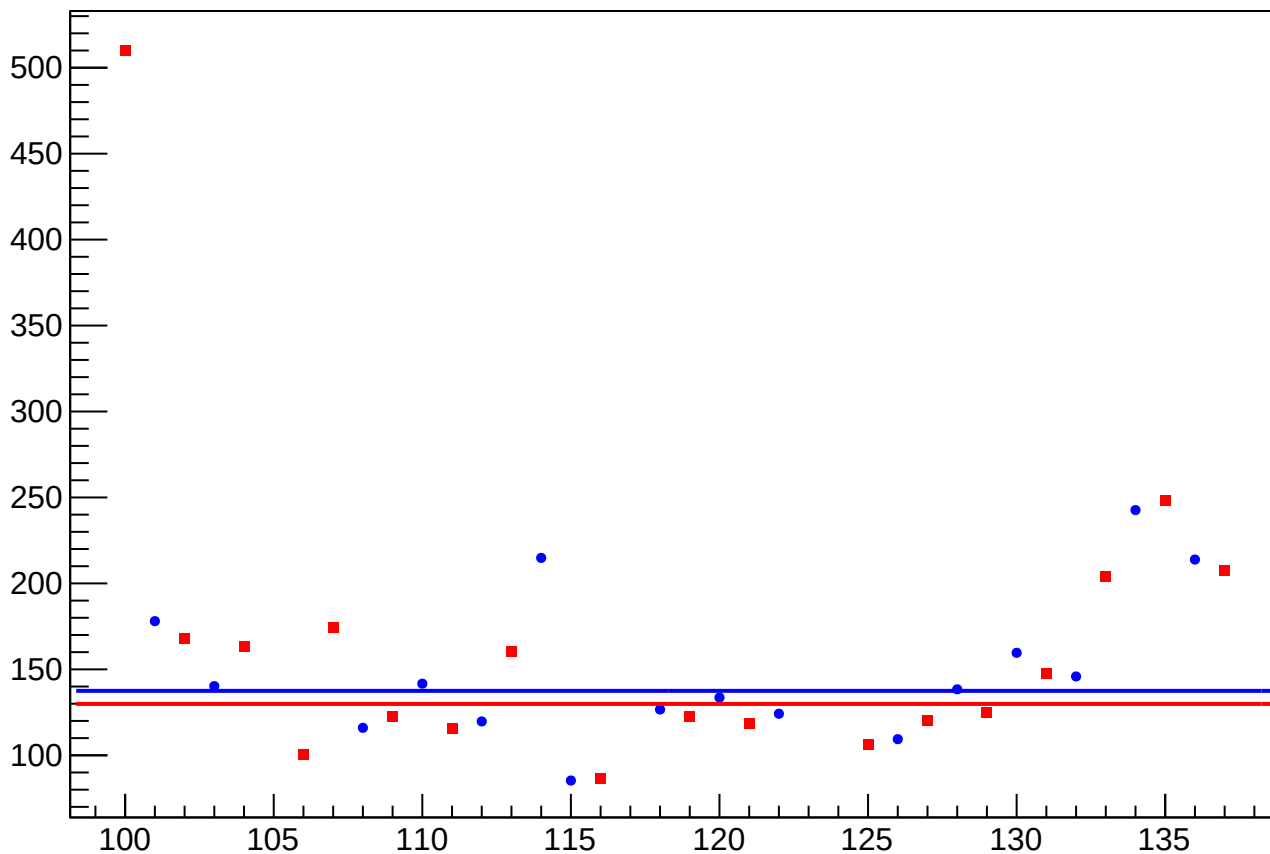
Right: 0.015+/-0.038 χ^2 /NDF: 43.1/33

In: -0.020+/-0.054 χ^2 /NDF:16.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.015+/-0.038 χ^2 /NDF: 43.1/33

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492 $\pm$ 0.038 χ^2 /NDF: 692947.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.887 $\pm$ 0.037 χ^2 /NDF: 833983.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

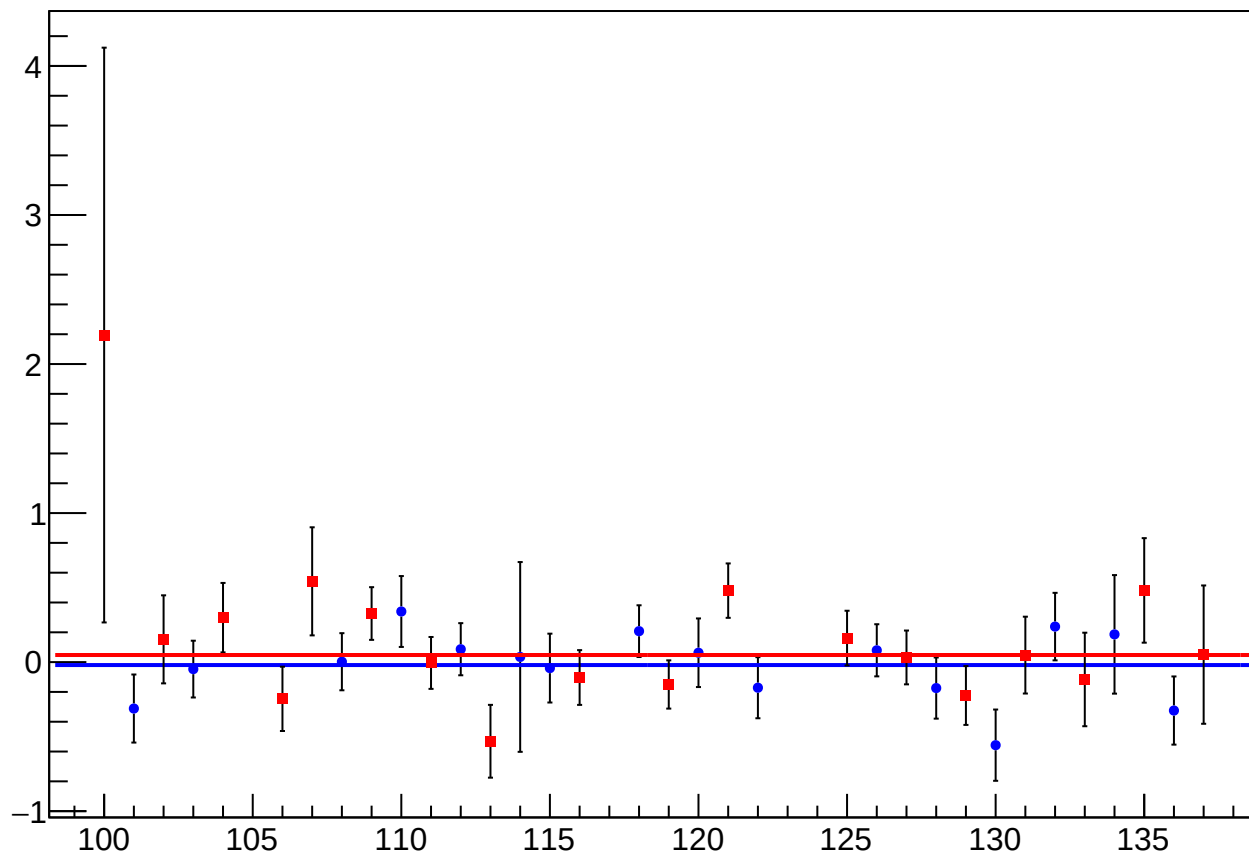
Right: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547246.7/33

In: 137.492 $\pm$ 0.038 χ^2 /NDF:692947.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547246.7/33

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.054 χ^2 /NDF: 16.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.048+/-0.052 χ^2 /NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

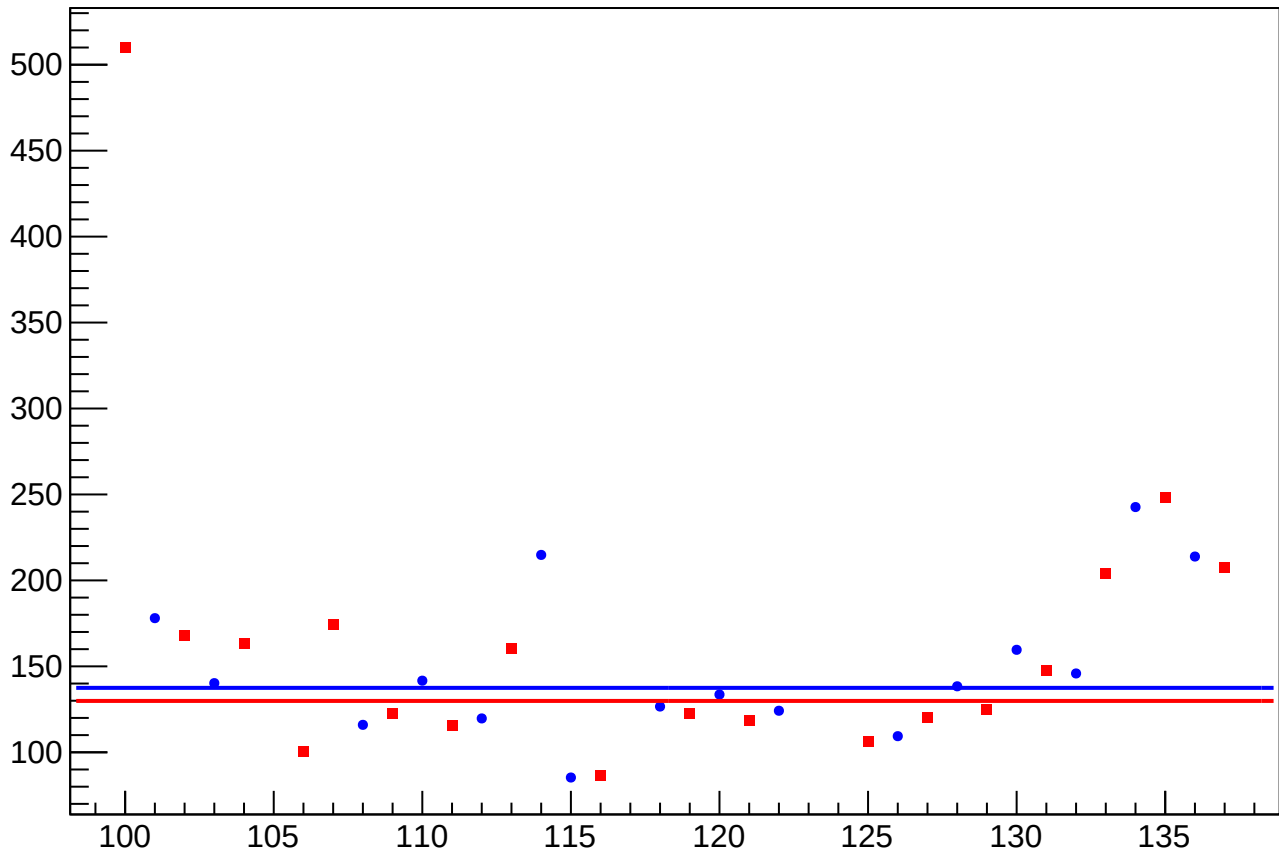
Right: 0.015+/-0.038 χ^2 /NDF: 43.1/33

In: -0.020+/-0.054 χ^2 /NDF:16.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.015+/-0.038 χ^2 /NDF: 43.1/33

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492 $\pm$ 0.038 χ^2 /NDF: 692947.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.887 $\pm$ 0.037 χ^2 /NDF: 833983.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

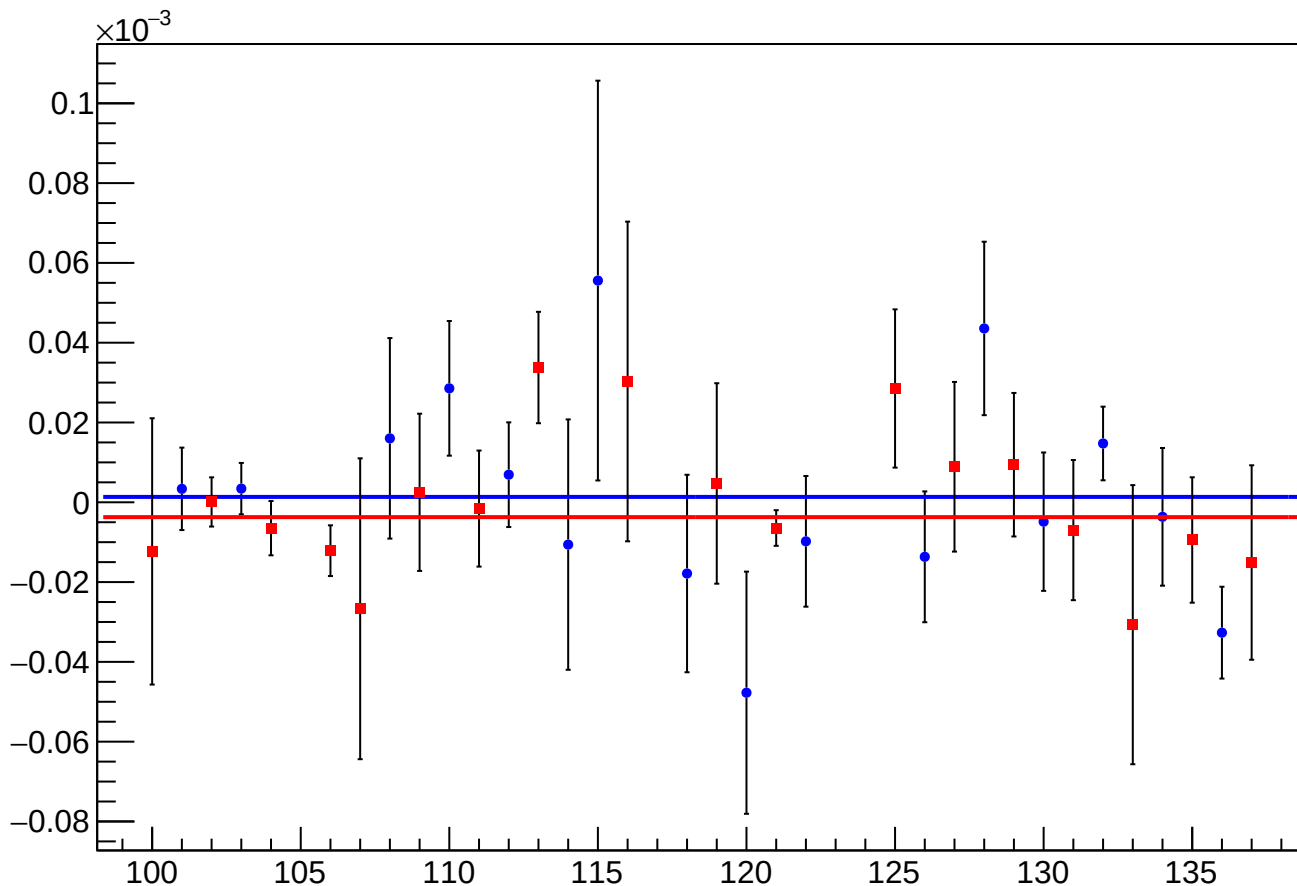
Right: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547246.7/33

In: 137.492 $\pm$ 0.038 χ^2 /NDF:692947.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547246.7/33

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

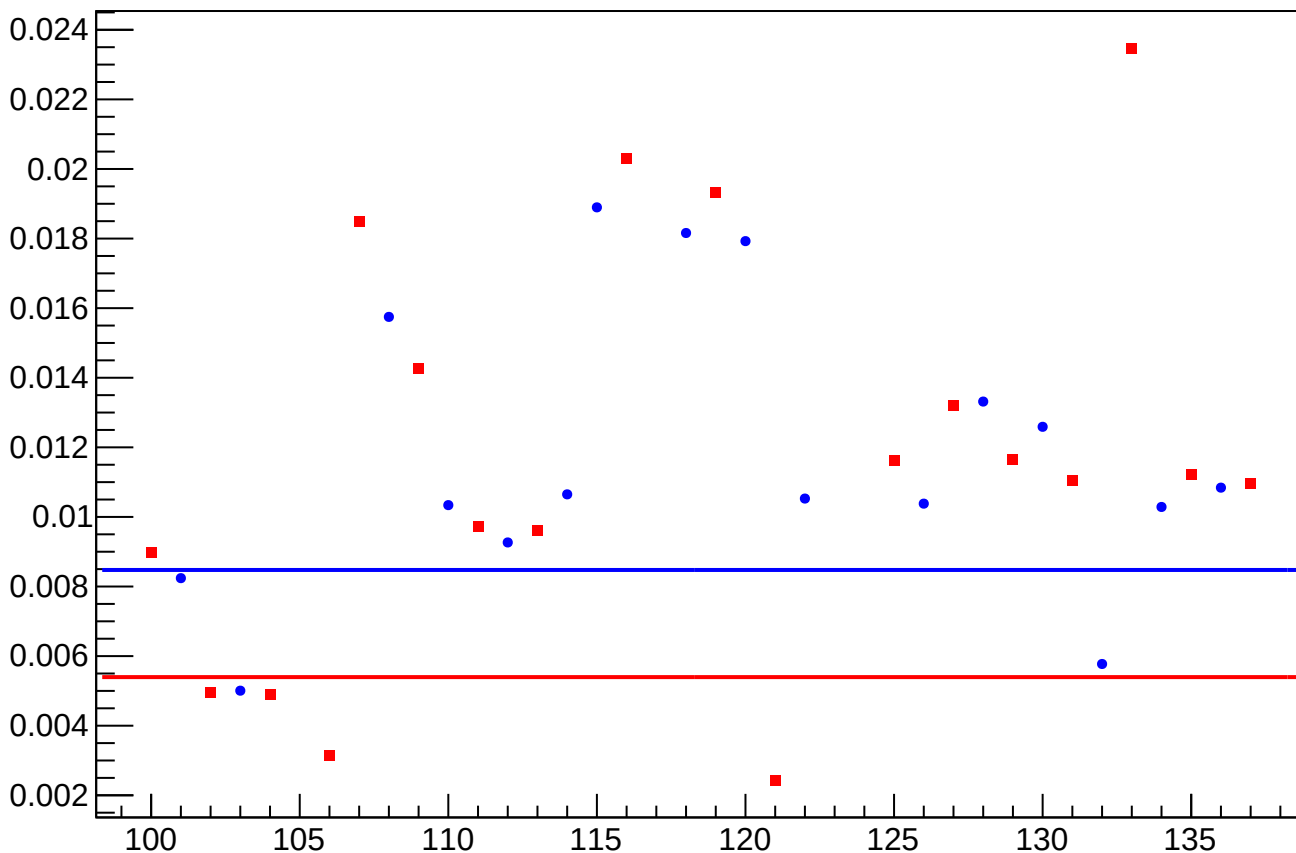
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.1/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:23.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.1/33

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1925998.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 4909074.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

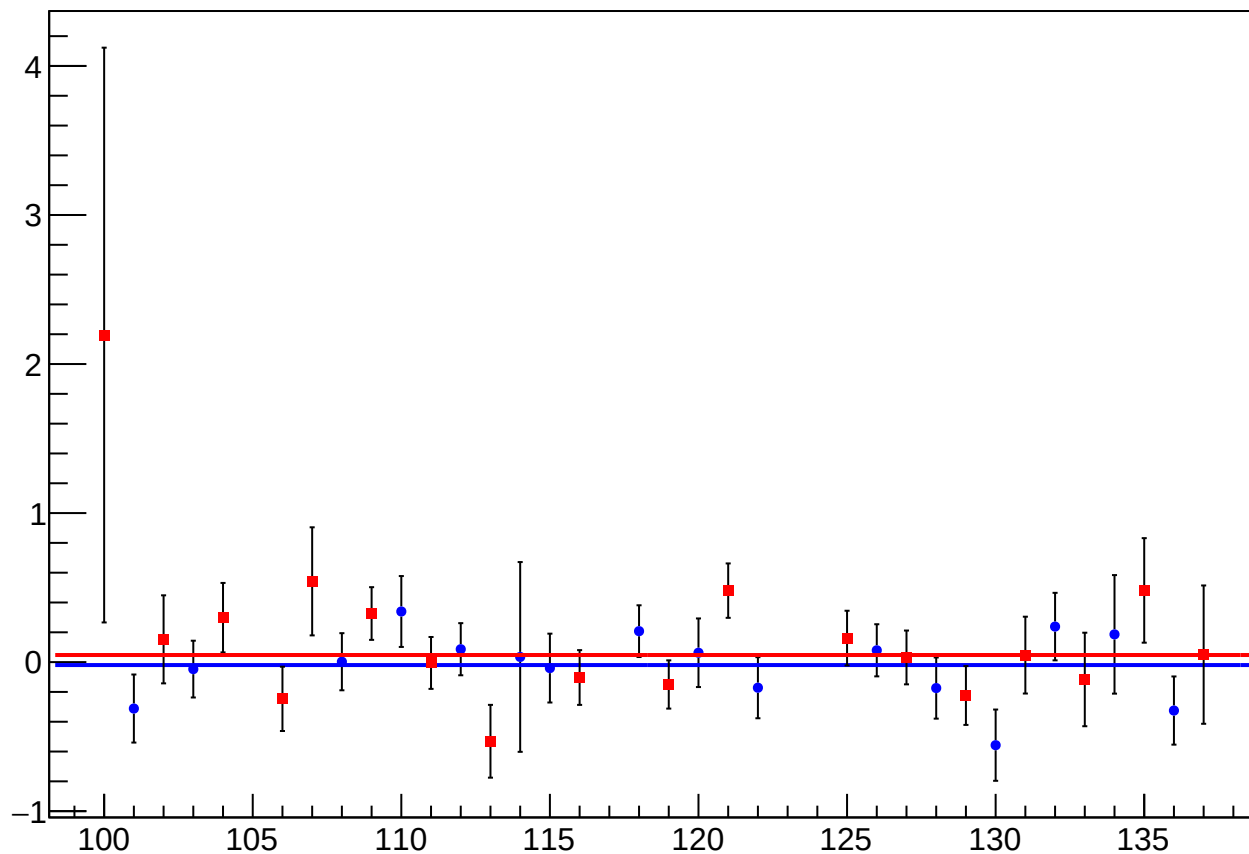
Right: 0.006+/-0.000 χ^2/NDF : 7872620.7/33

In: 0.008+/-0.000 χ^2/NDF : 1925998.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7872620.7/33

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.054 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.048+/-0.052 χ^2/NDF : 26.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

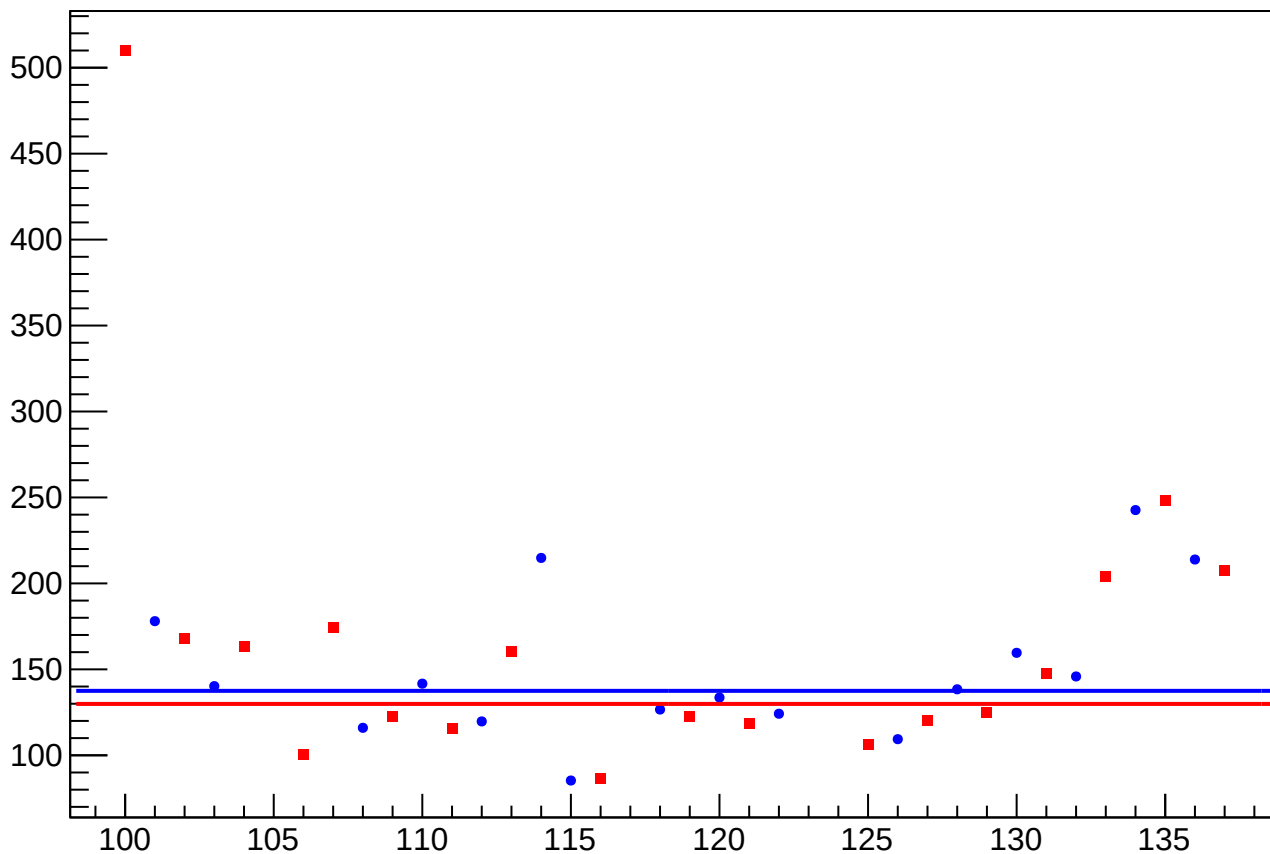
Right: 0.015+/-0.038 χ^2/NDF : 43.1/33

In: -0.020+/-0.054 χ^2/NDF :16.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.038 χ^2/NDF : 43.1/33

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492 $\pm$ 0.038 χ^2 /NDF: 692923.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.887 $\pm$ 0.037 χ^2 /NDF: 833937.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

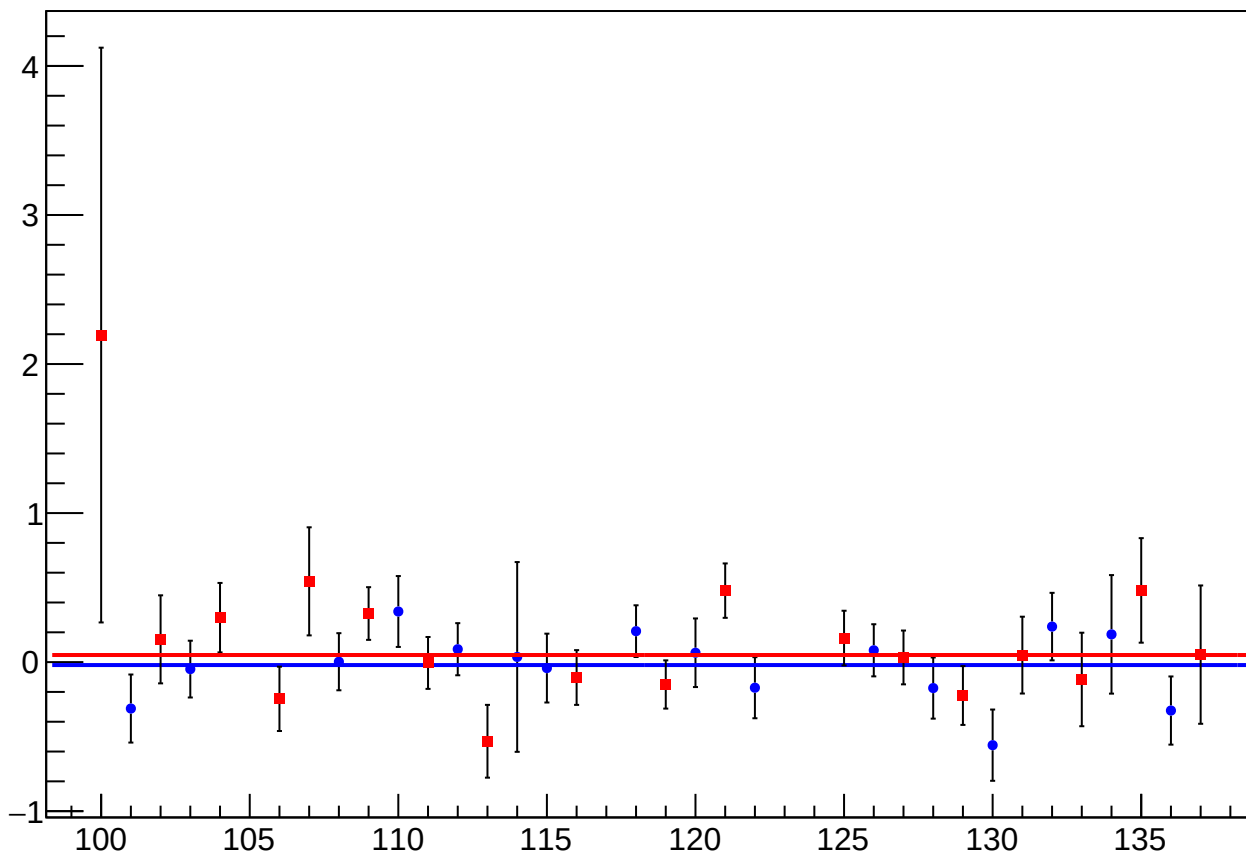
Right: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547174.9/33

In: 137.492 $\pm$ 0.038 χ^2 /NDF:692923.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547174.9/33

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.020+/-0.054 χ^2 /NDF: 16.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.048+/-0.052 χ^2 /NDF: 26.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

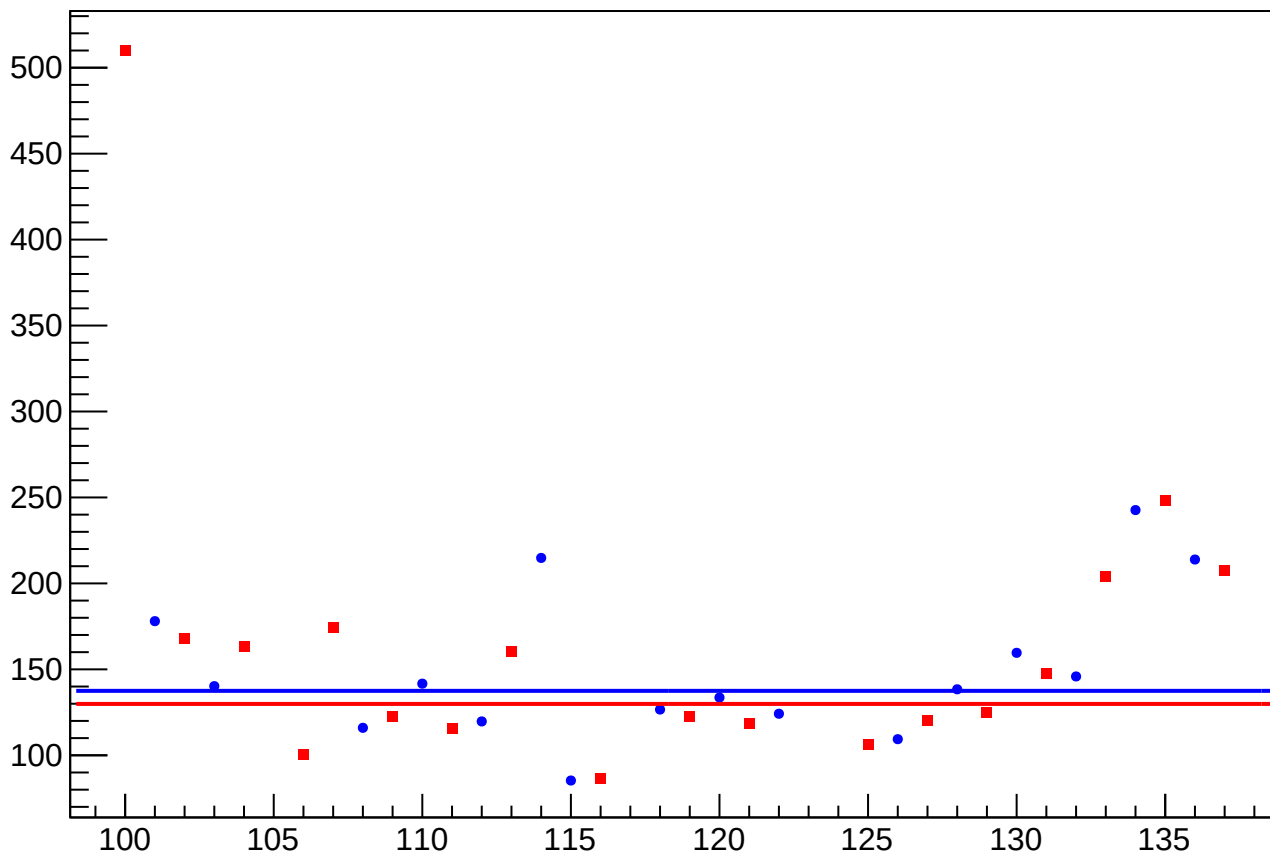
Right: 0.015+/-0.038 χ^2 /NDF: 43.1/33

In: -0.020+/-0.054 χ^2 /NDF:16.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.015+/-0.038 χ^2 /NDF: 43.1/33

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492 $\pm$ 0.038 χ^2 /NDF: 692923.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.887 $\pm$ 0.037 χ^2 /NDF: 833937.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

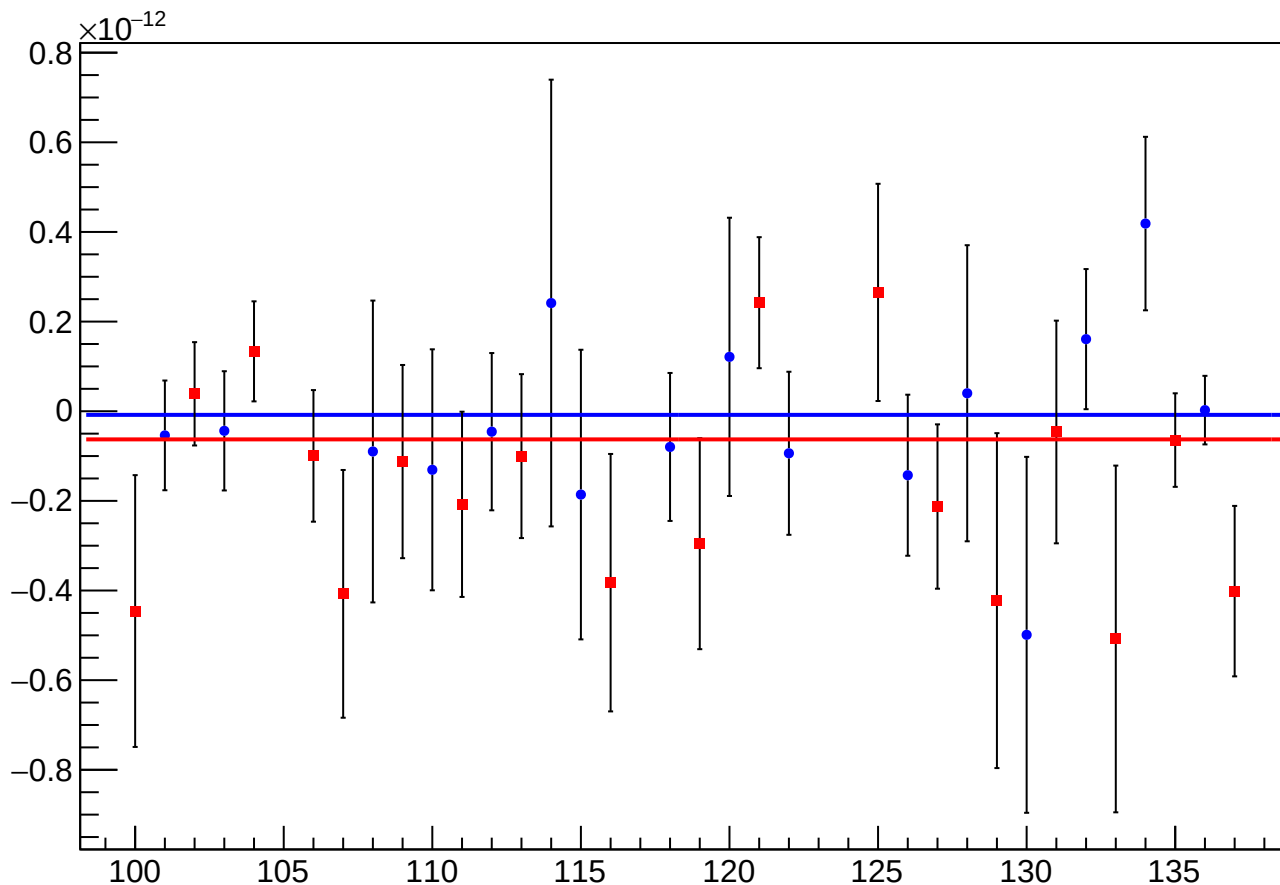
Right: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547174.9/33

In: 137.492 $\pm$ 0.038 χ^2 /NDF:692923.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.568 $\pm$ 0.027 χ^2 /NDF: 1547174.9/33

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

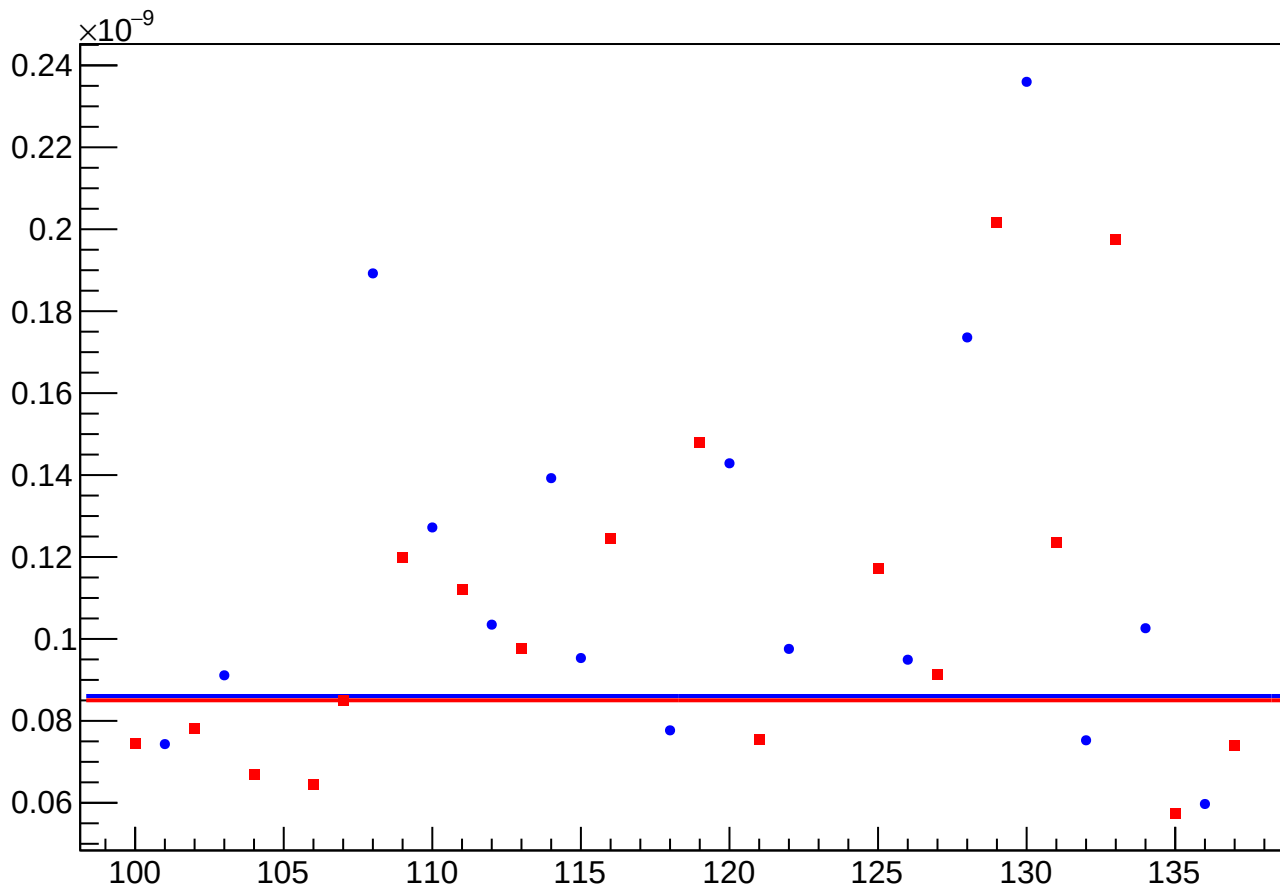
Right: -0.000+/-0.000 χ^2/NDF : 32.8/33

In: -0.000+/-0.000 χ^2/NDF :9.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.8/33

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1072075.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 983211.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

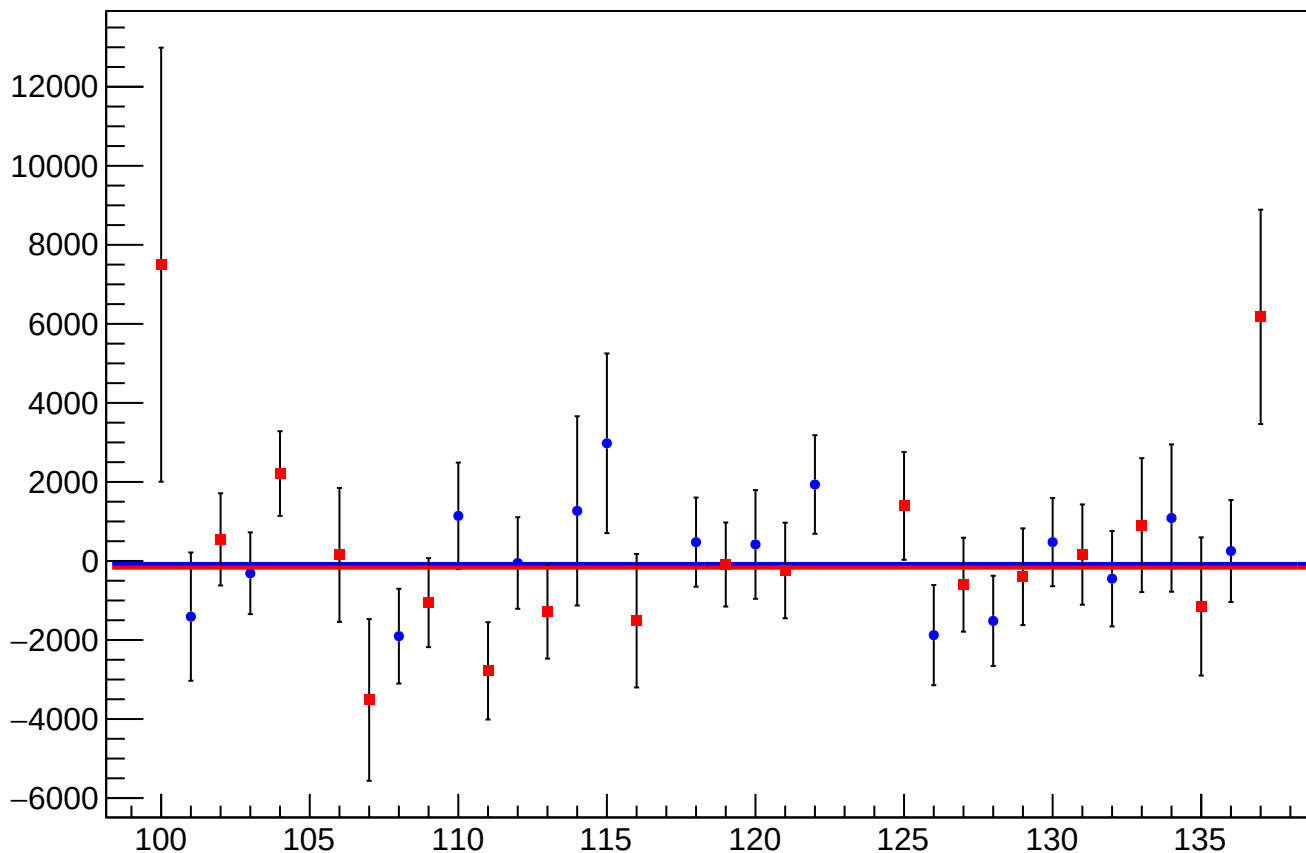
Right: 0.000+/-0.000 χ^2/NDF : 2055907.6/33

In: 0.000+/-0.000 χ^2/NDF : 1072075.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2055907.6/33

reg_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -75.944 ± 326.226 χ^2/NDF : 13.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -169.345 ± 321.827 χ^2/NDF : 24.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

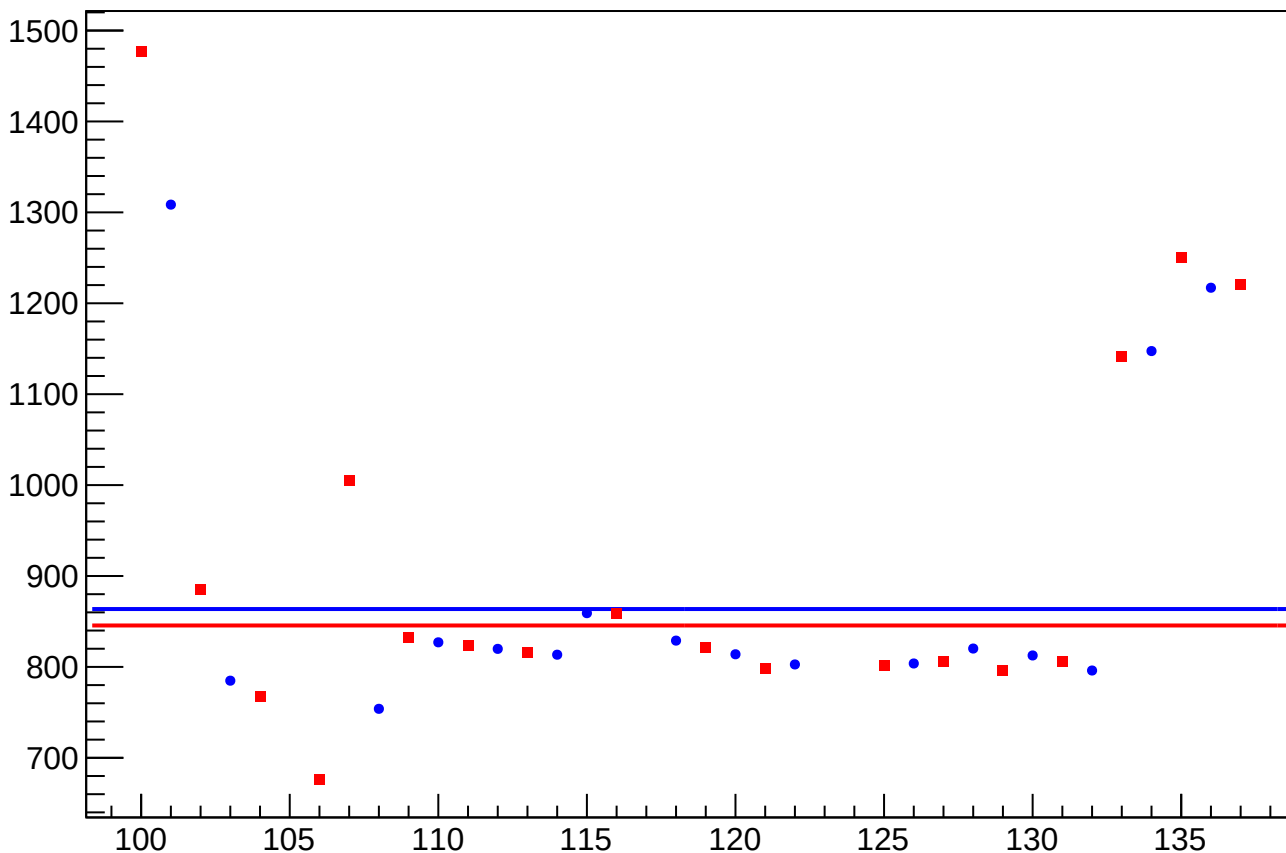
Right: -123.279 ± 229.106 χ^2/NDF : 37.8/33

In: -75.944 ± 326.226 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -123.279 ± 229.106 χ^2/NDF : 37.8/33

reg_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.661+/-0.231 χ^2/NDF : 407498.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 845.579+/-0.225 χ^2/NDF : 307774.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

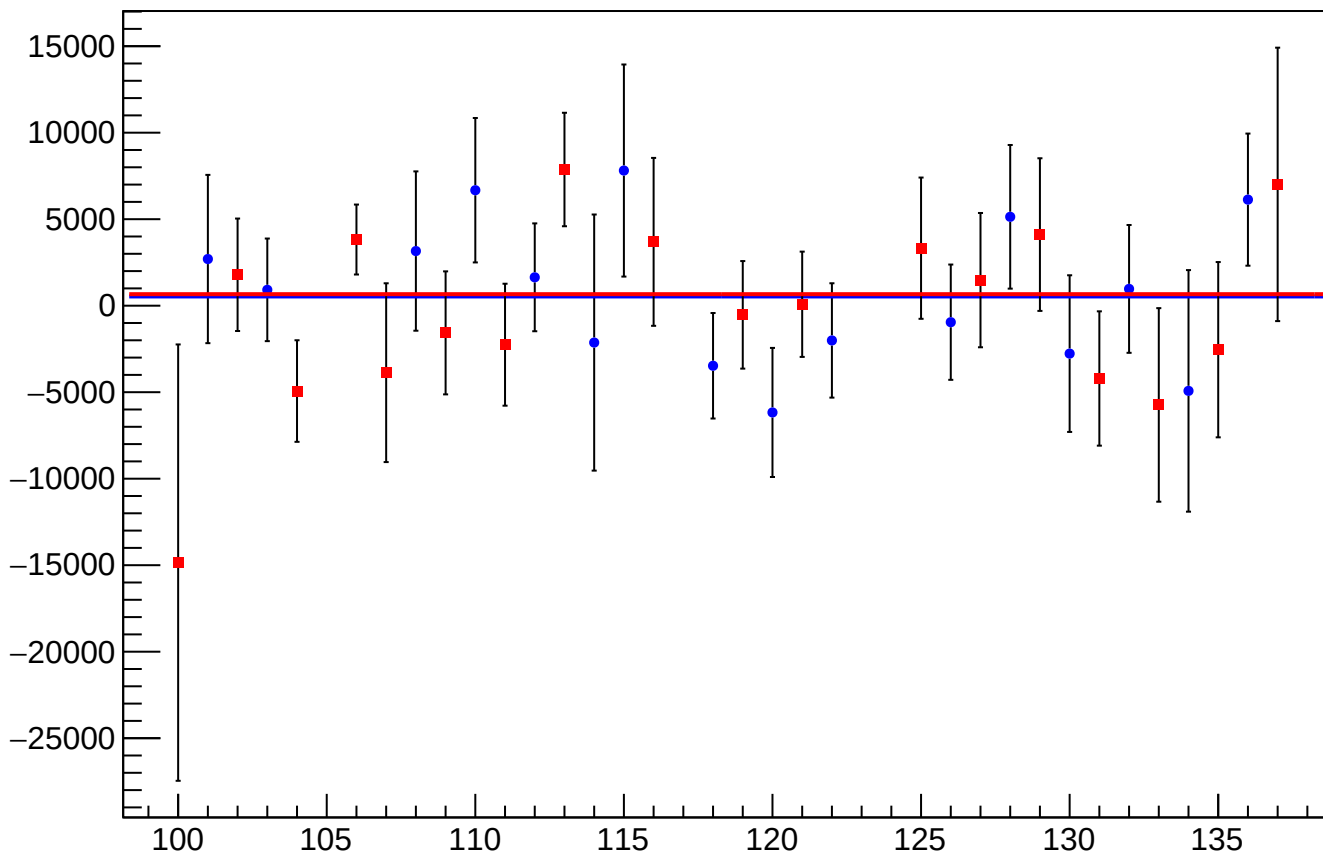
Right: 854.385+/-0.161 χ^2/NDF : 718425.8/33

In: 863.661+/-0.231 χ^2/NDF :407498.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 854.385+/-0.161 χ^2/NDF : 718425.8/33

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 534.507 $\pm$ 981.290 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 665.878 $\pm$ 864.970 χ^2 /NDF: 20.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

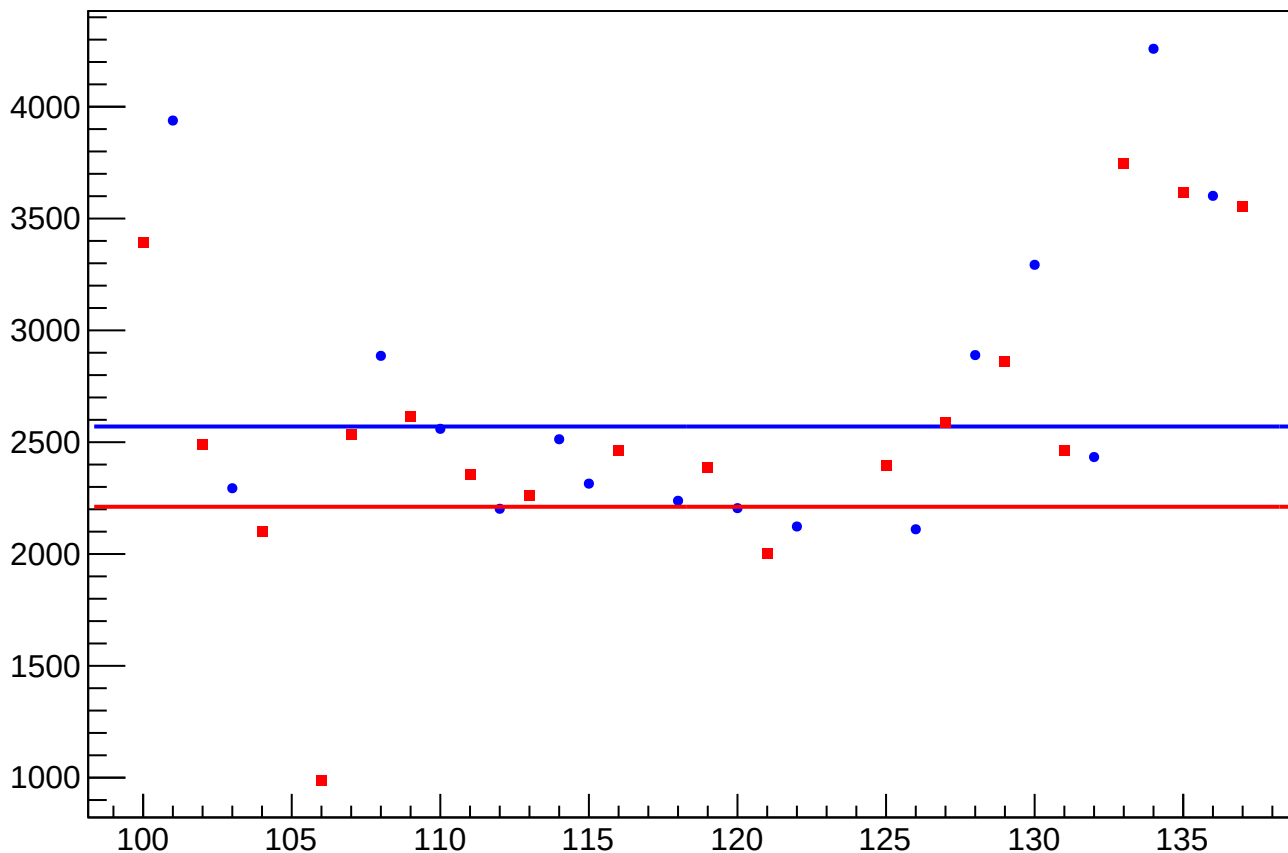
Right: 608.437 $\pm$ 648.874 χ^2 /NDF: 34.6/33

In: 534.507 $\pm$ 981.290 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 608.437 $\pm$ 648.874 χ^2 /NDF: 34.6/33

asym_usl_atl2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2570.135+/-0.694 χ^2/NDF : 662477.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2211.269+/-0.612 χ^2/NDF : 1264087.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

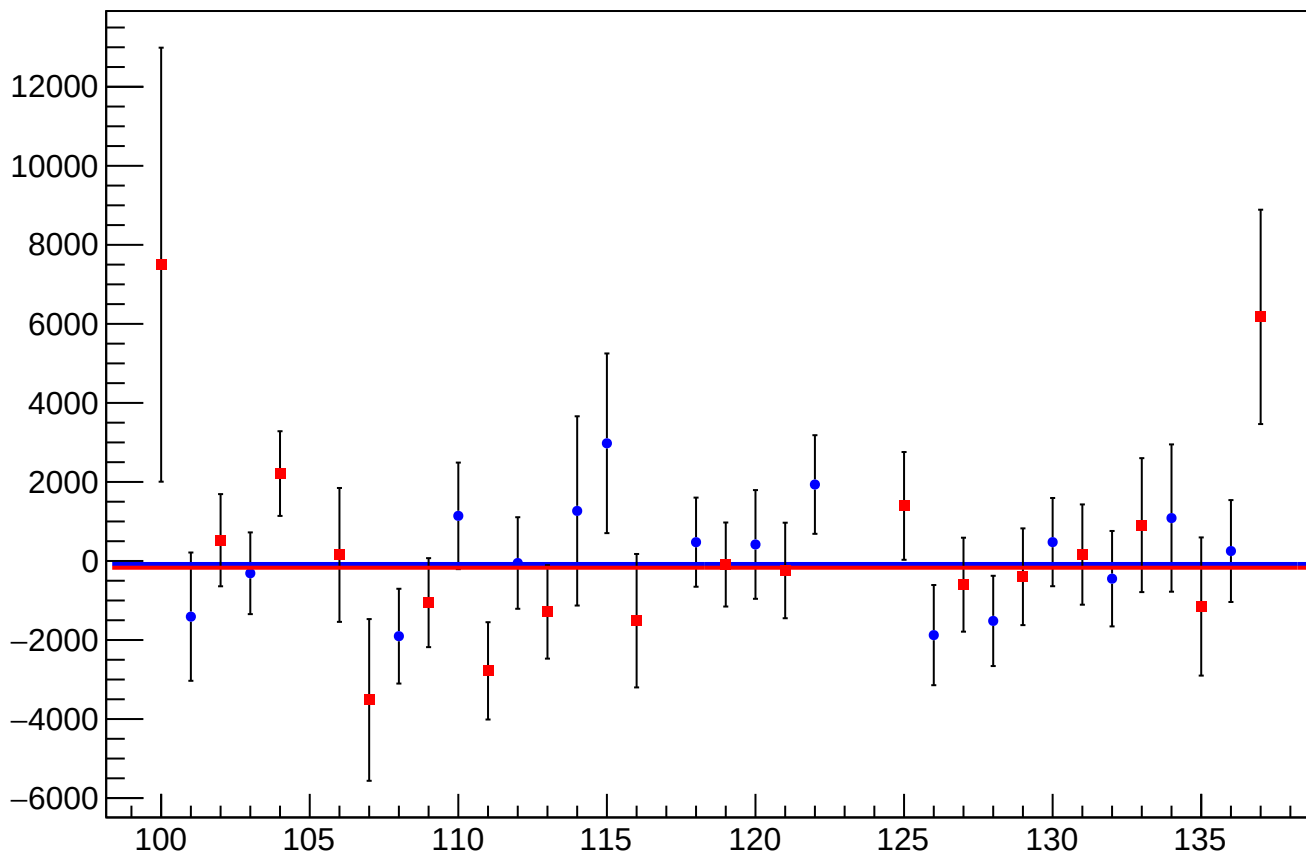
Right: 2368.182+/-0.459 χ^2/NDF : 2077093.7/33

In: 2570.135+/-0.694 χ^2/NDF : 662477.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2368.182+/-0.459 χ^2/NDF : 2077093.7/33

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -76.022+/-326.226 χ^2/NDF : 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -170.982+/-321.832 χ^2/NDF : 24.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

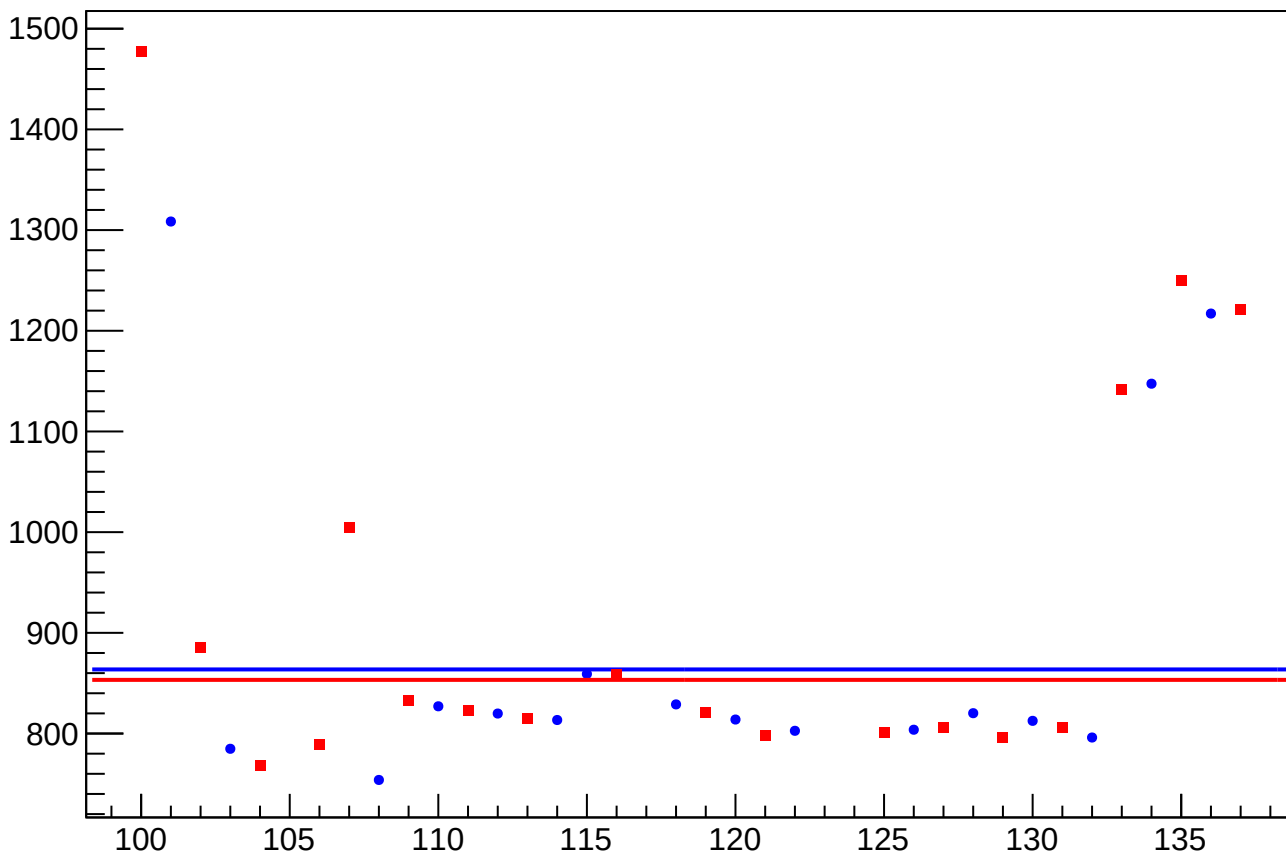
Right: -124.146+/-229.107 χ^2/NDF : 37.7/33

In: -76.022+/-326.226 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.146+/-229.107 χ^2/NDF : 37.7/33

cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.289+/-0.226 χ^2/NDF : 275357.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

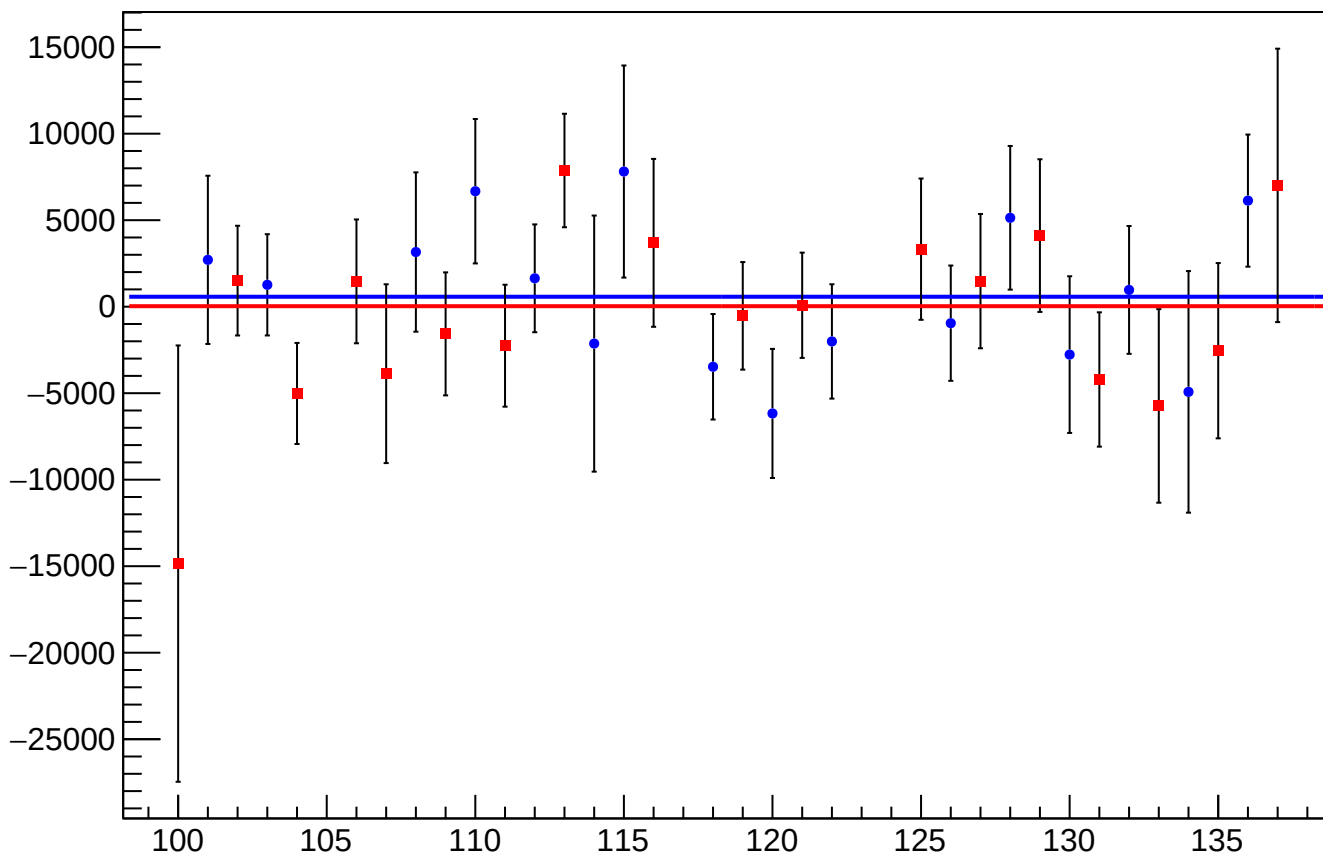
Right: 858.378+/-0.162 χ^2/NDF : 683885.4/33

In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.378+/-0.162 χ^2/NDF : 683885.4/33

asym_usl_atl2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.604+/-922.115 χ^2/NDF : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

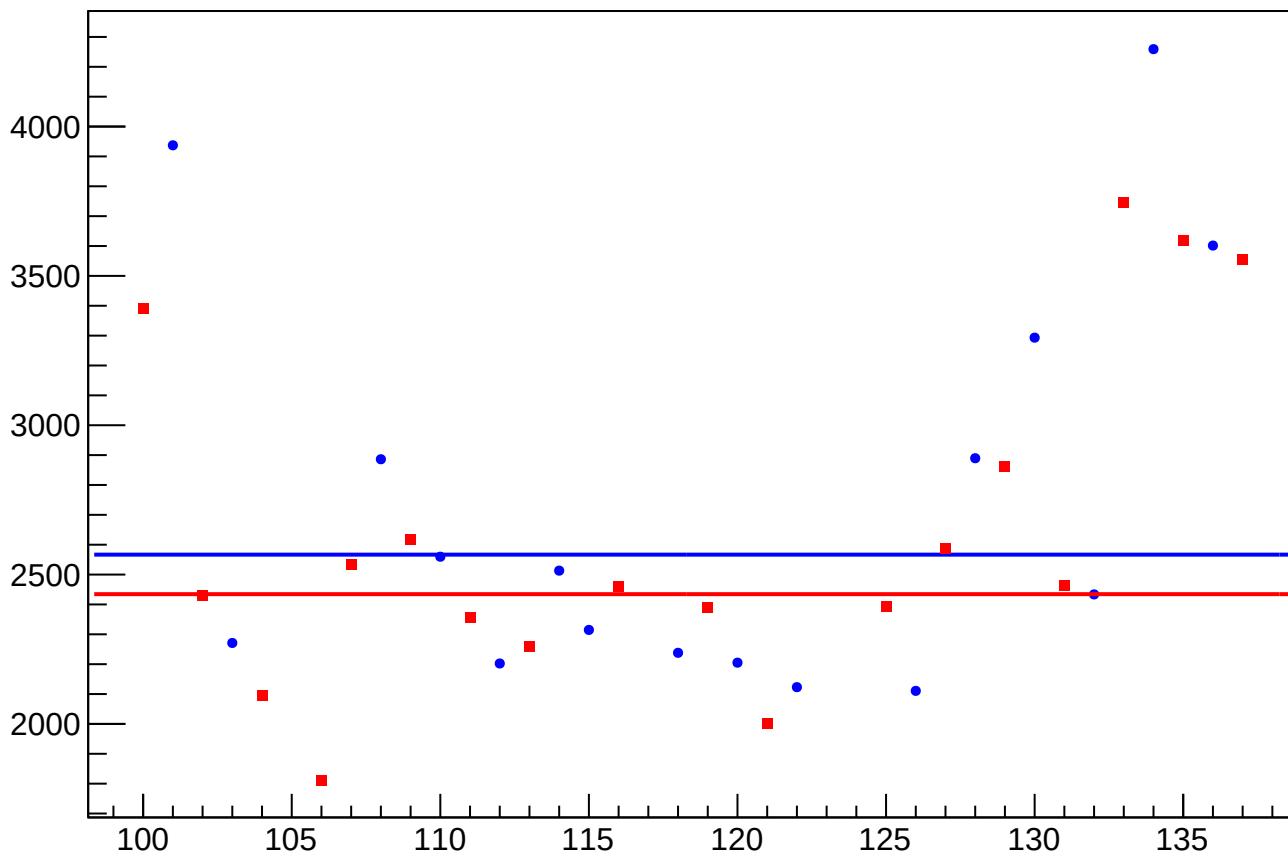
Right: 285.212+/-671.519 χ^2/NDF : 32.1/33

In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.212+/-671.519 χ^2/NDF : 32.1/33

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2566.732 $\pm$ 0.693 χ^2 /NDF: 665871.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2434.430 $\pm$ 0.652 χ^2 /NDF: 434078.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

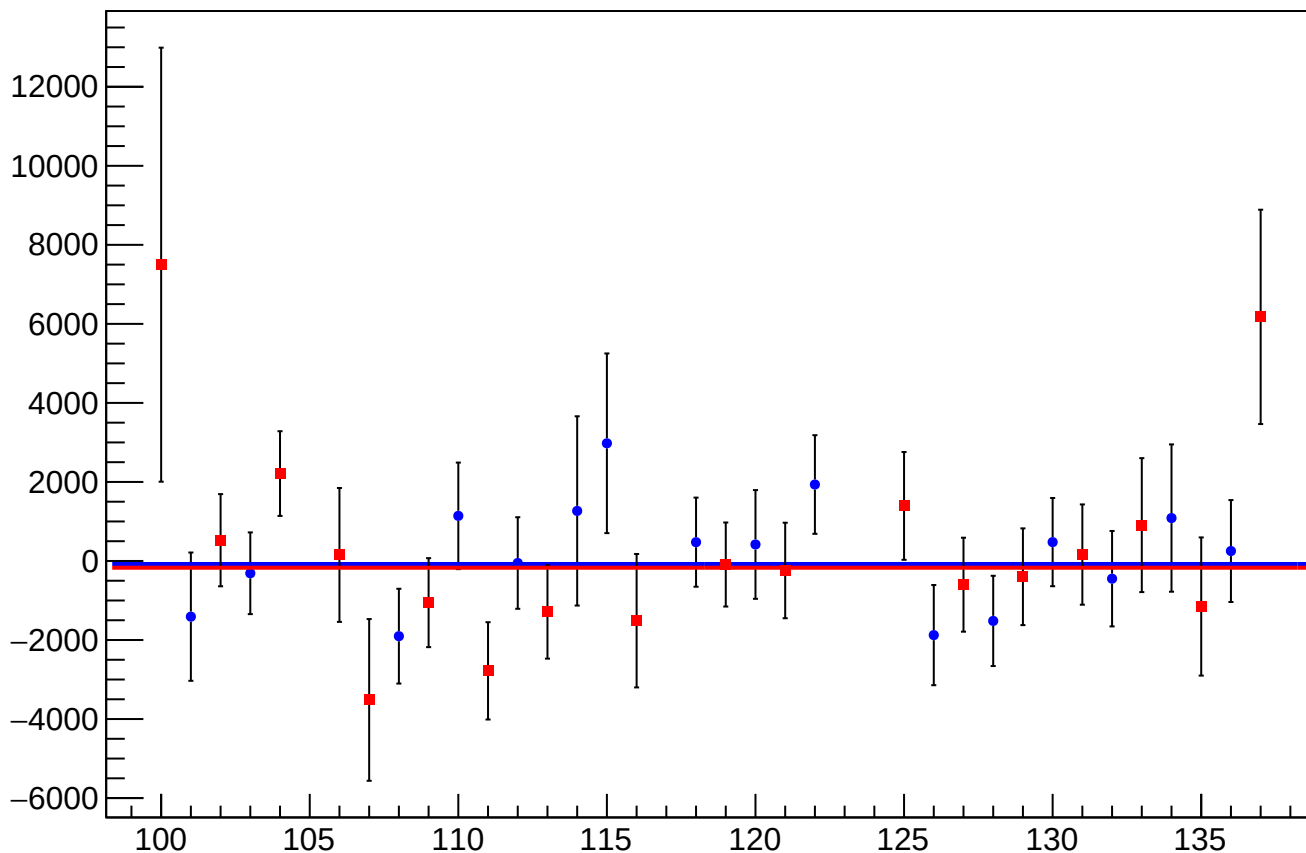
Right: 2496.568 $\pm$ 0.475 χ^2 /NDF: 1119287.3/33

In: 2566.732 $\pm$ 0.693 χ^2 /NDF:665871.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2496.568 $\pm$ 0.475 χ^2 /NDF: 1119287.3/33

eigen_cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -76.022 ± 326.226 χ^2/NDF : 13.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -170.982 ± 321.832 χ^2/NDF : 24.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

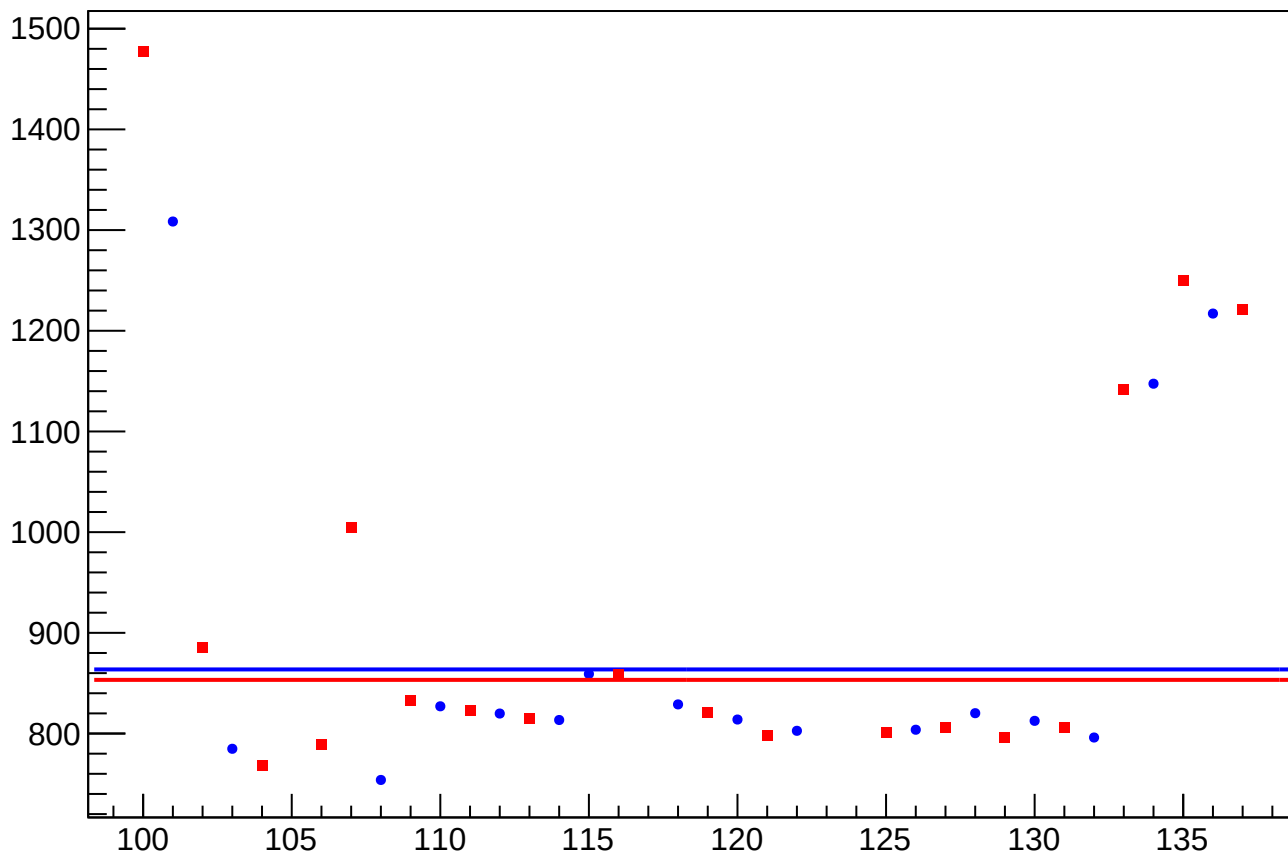
Right: -124.146 ± 229.107 χ^2/NDF : 37.7/33

In: -76.022 ± 326.226 χ^2/NDF : 13.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -124.146 ± 229.107 χ^2/NDF : 37.7/33

eigen_cor_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.289+/-0.226 χ^2/NDF : 275357.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

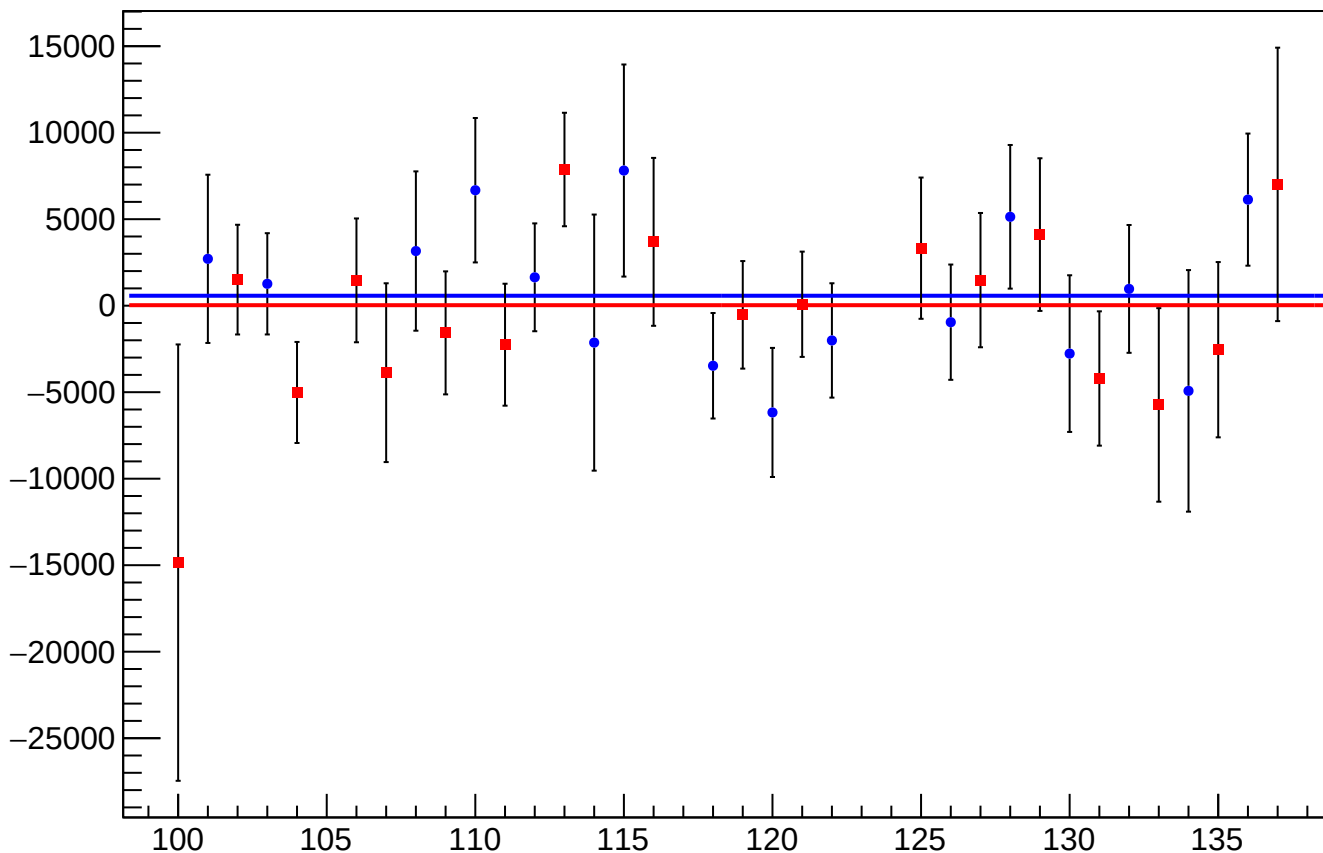
Right: 858.378+/-0.162 χ^2/NDF : 683885.4/33

In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 858.378+/-0.162 χ^2/NDF : 683885.4/33

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.604+/-922.115 χ^2/NDF : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

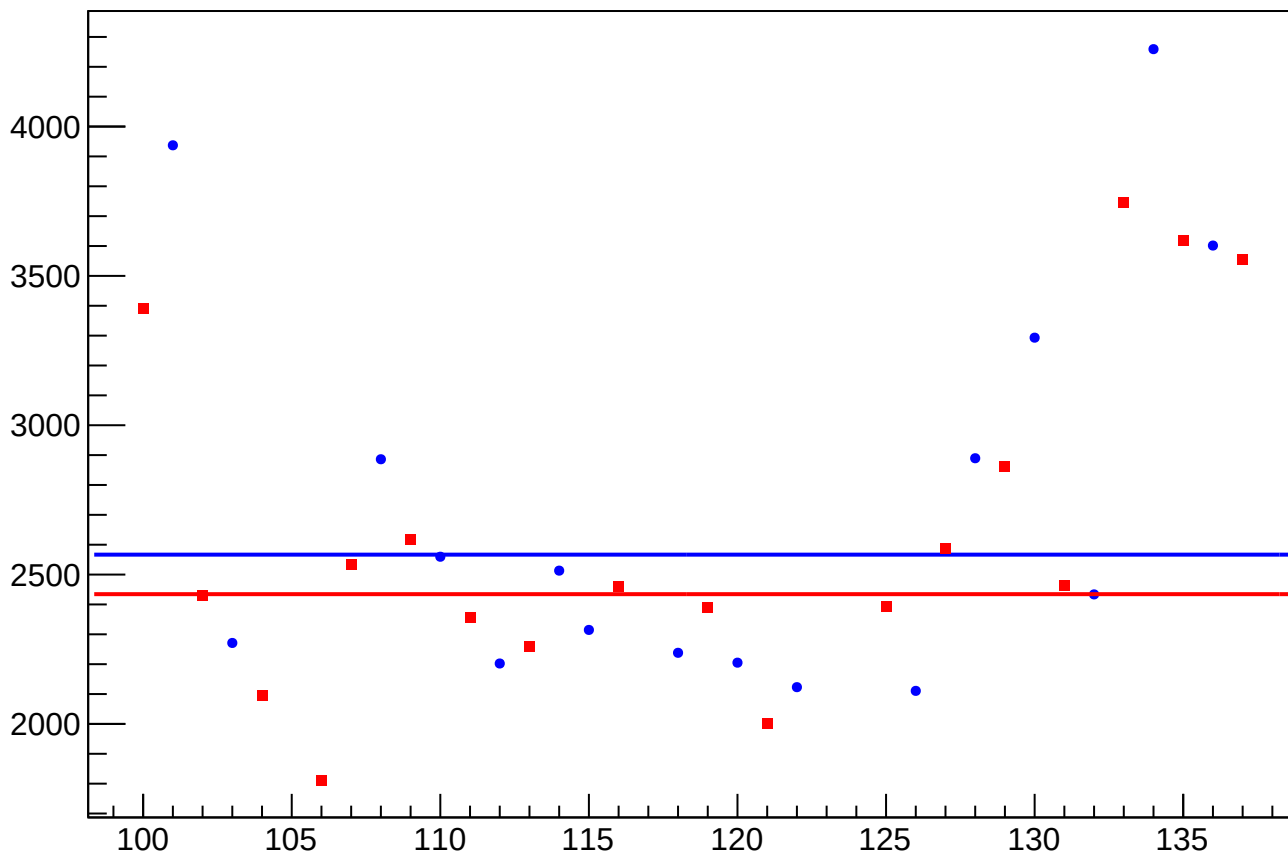
Right: 285.212+/-671.519 χ^2/NDF : 32.1/33

In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 285.212+/-671.519 χ^2/NDF : 32.1/33

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2566.732 $\pm$ 0.693 χ^2 /NDF: 665871.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2434.430 $\pm$ 0.652 χ^2 /NDF: 434078.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

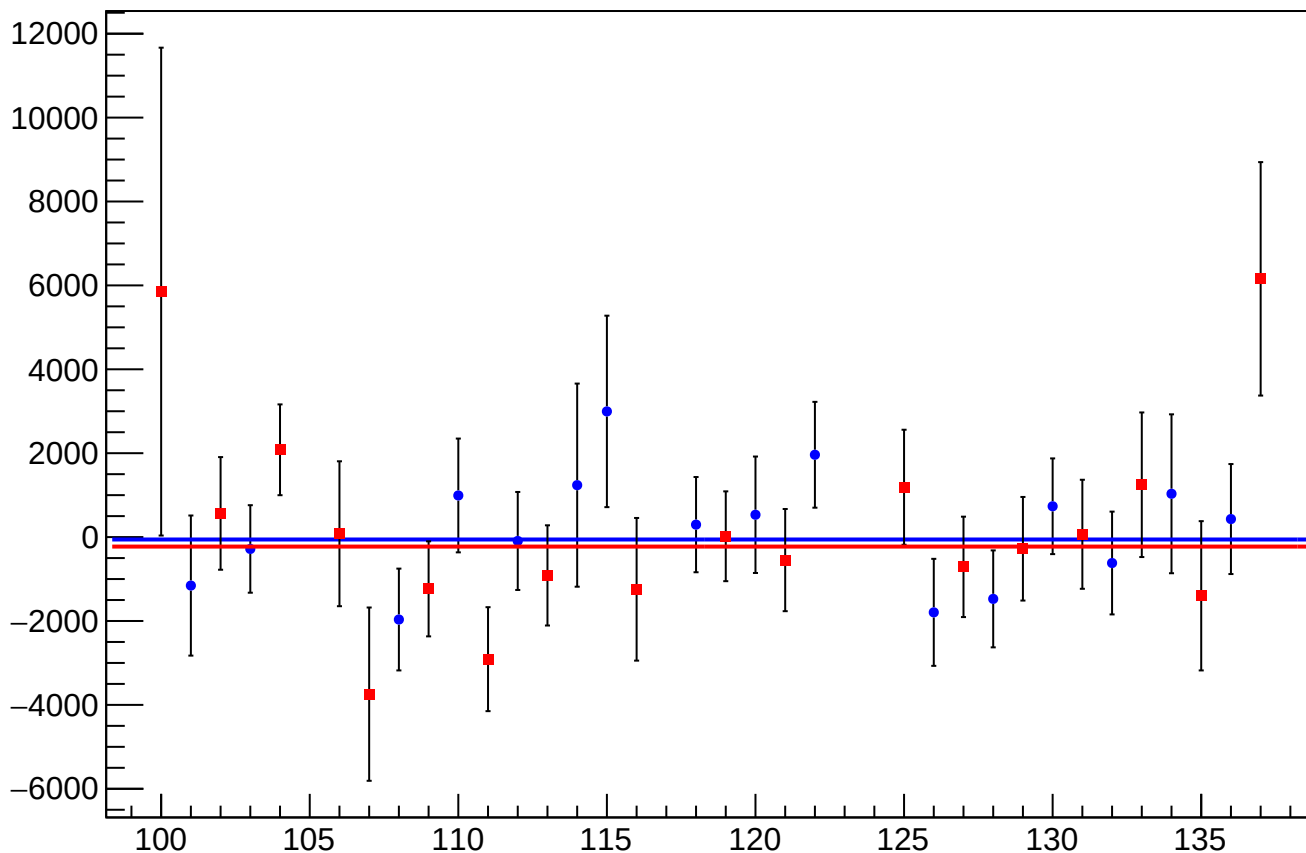
Right: 2496.568 $\pm$ 0.475 χ^2 /NDF: 1119287.3/33

In: 2566.732 $\pm$ 0.693 χ^2 /NDF:665871.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2496.568 $\pm$ 0.475 χ^2 /NDF: 1119287.3/33

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -57.208+/-330.088 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.075+/-328.069 χ^2/NDF : 22.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

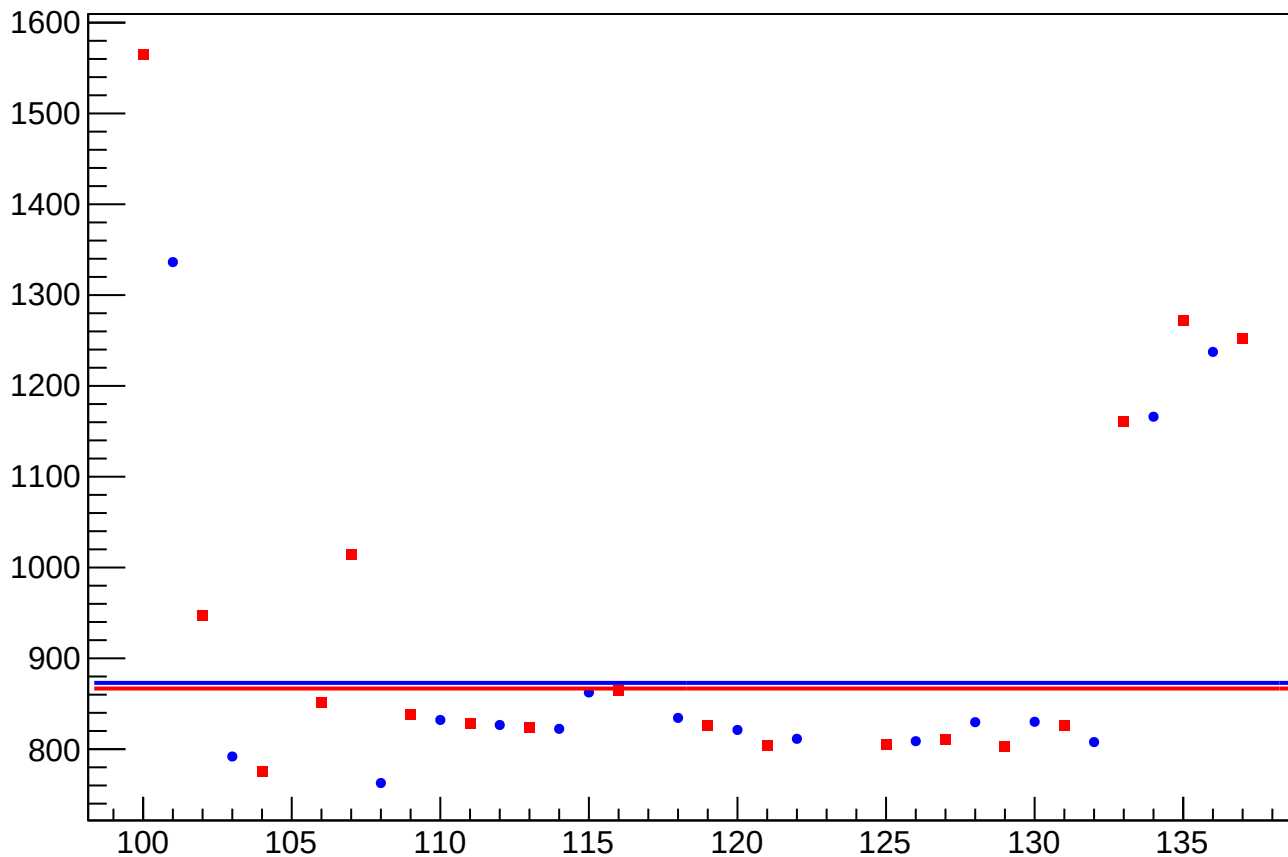
Right: -142.159+/-232.690 χ^2/NDF : 36.0/33

In: -57.208+/-330.088 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.159+/-232.690 χ^2/NDF : 36.0/33

dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 872.971+/-0.233 χ^2/NDF : 417099.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 866.772+/-0.232 χ^2/NDF : 290386.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

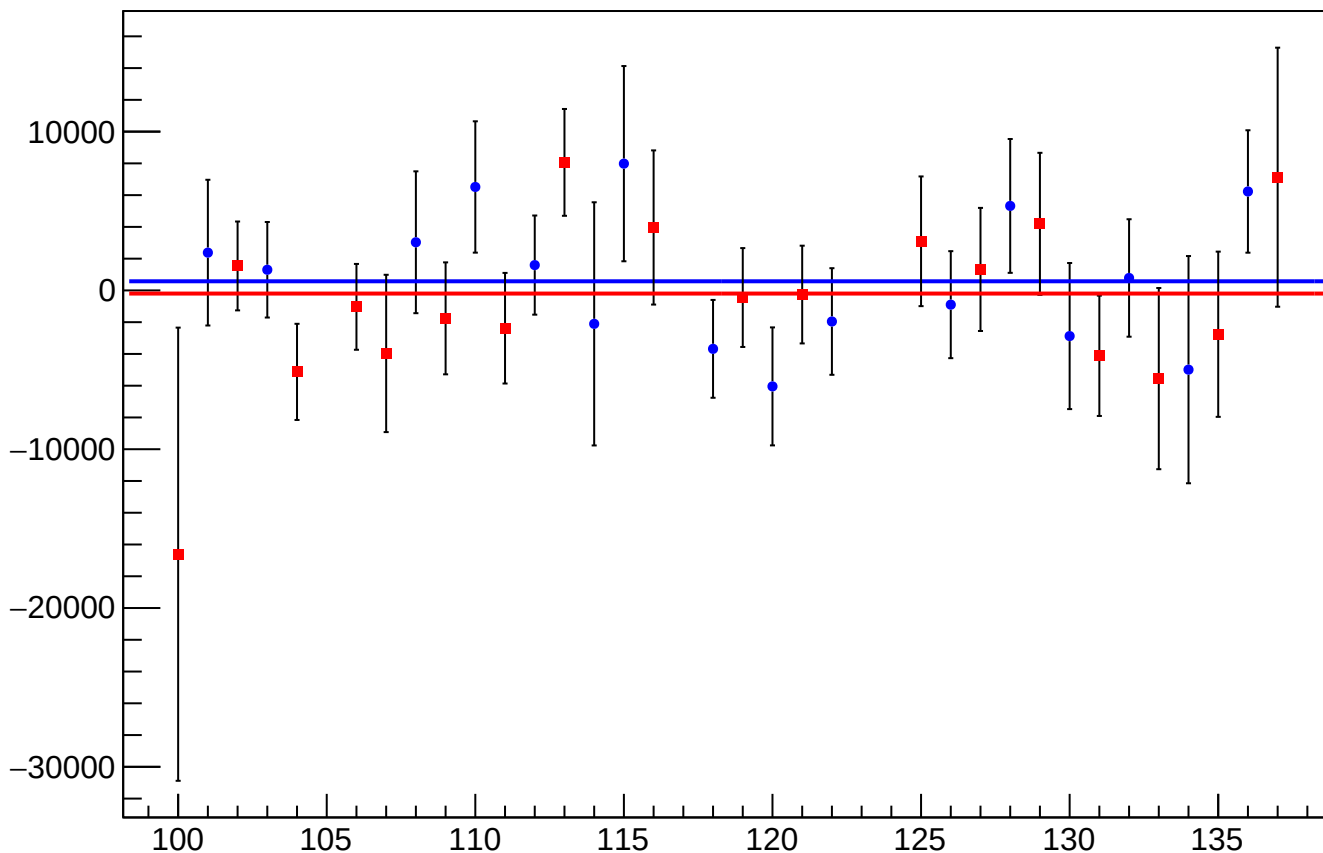
Right: 869.850+/-0.164 χ^2/NDF : 707840.8/33

In: 872.971+/-0.233 χ^2/NDF : 417099.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 869.850+/-0.164 χ^2/NDF : 707840.8/33

asym_usl_atl2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 575.271+/-984.888 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -197.953+/-894.121 χ^2/NDF : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

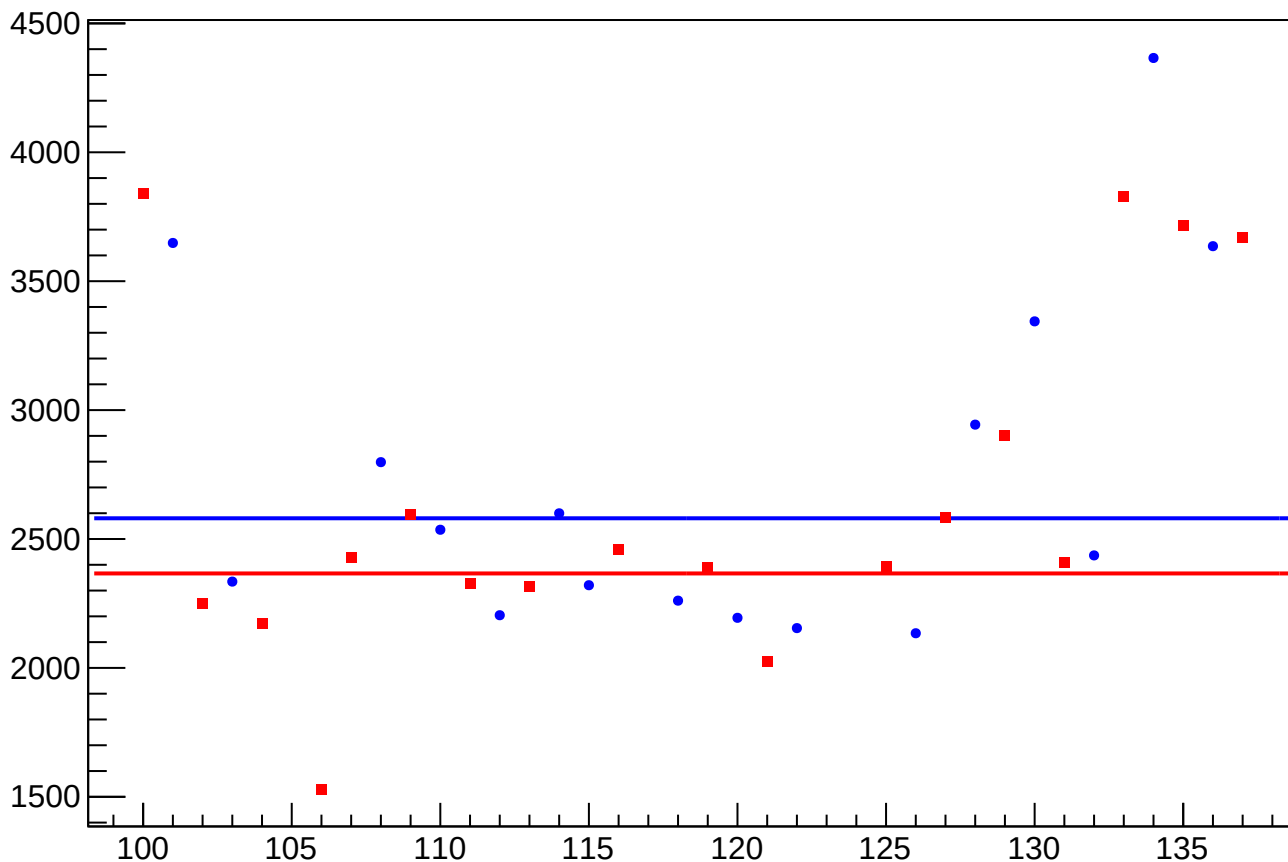
Right: 151.395+/-662.008 χ^2/NDF : 32.2/33

In: 575.271+/-984.888 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.395+/-662.008 χ^2/NDF : 32.2/33

asym_usl_atl2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2580.377+/-0.696 χ^2/NDF : 617156.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.412+/-0.632 χ^2/NDF : 611695.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

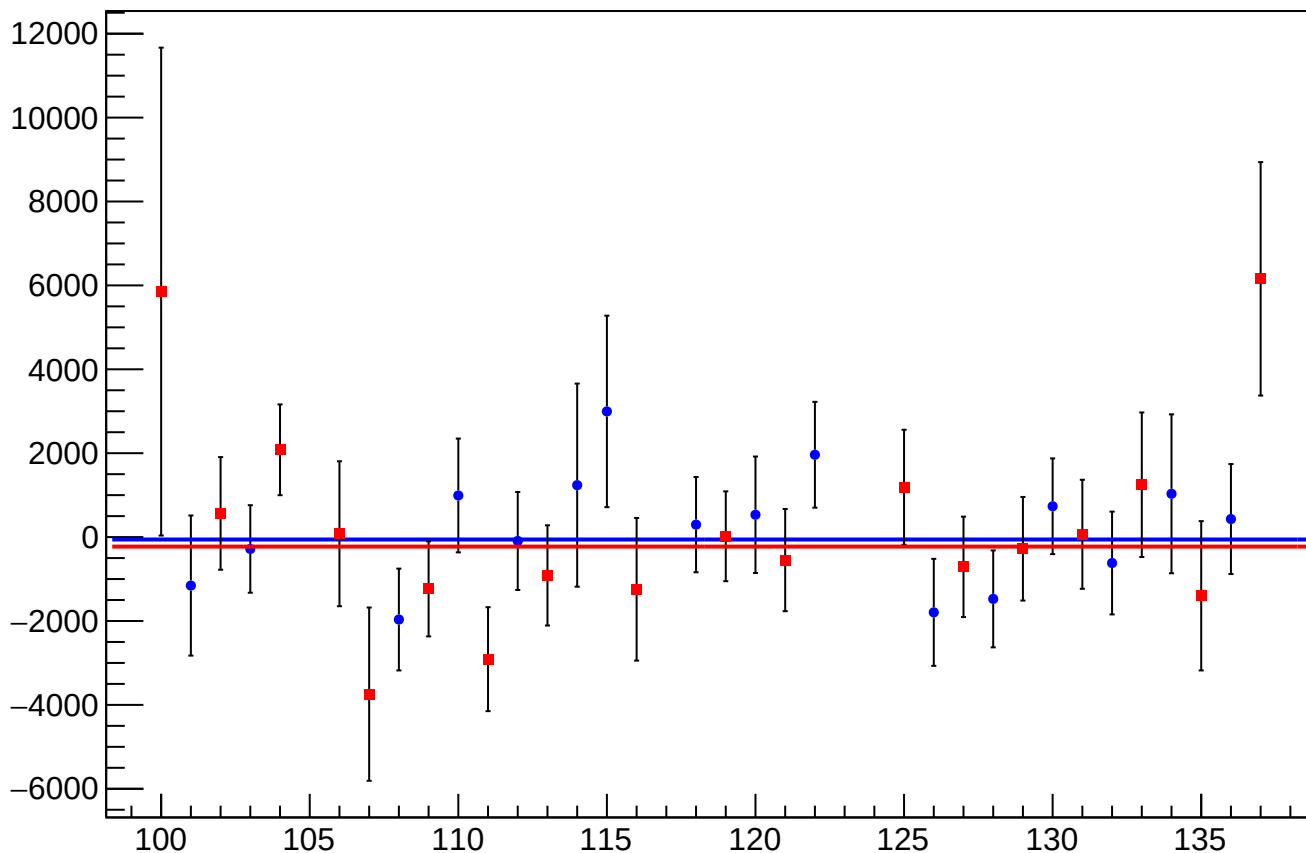
Right: 2463.083+/-0.468 χ^2/NDF : 1280596.8/33

In: 2580.377+/-0.696 χ^2/NDF : 617156.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.083+/-0.468 χ^2/NDF : 1280596.8/33

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -57.211+/-330.088 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -226.078+/-328.069 χ^2/NDF : 22.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

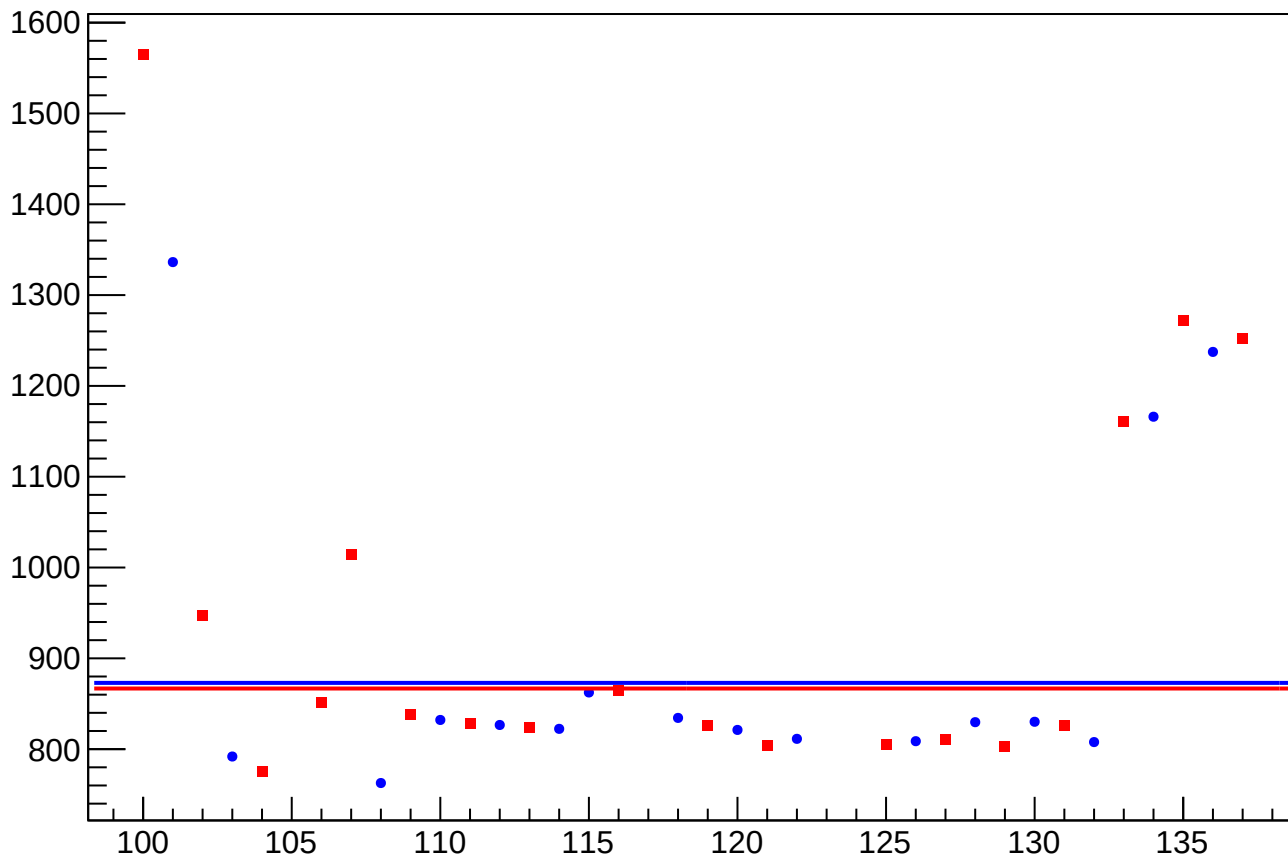
Right: -142.162+/-232.690 χ^2/NDF : 36.0/33

In: -57.211+/-330.088 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -142.162+/-232.690 χ^2/NDF : 36.0/33

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 872.972+/-0.233 χ^2/NDF : 417098.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 866.772+/-0.232 χ^2/NDF : 290386.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

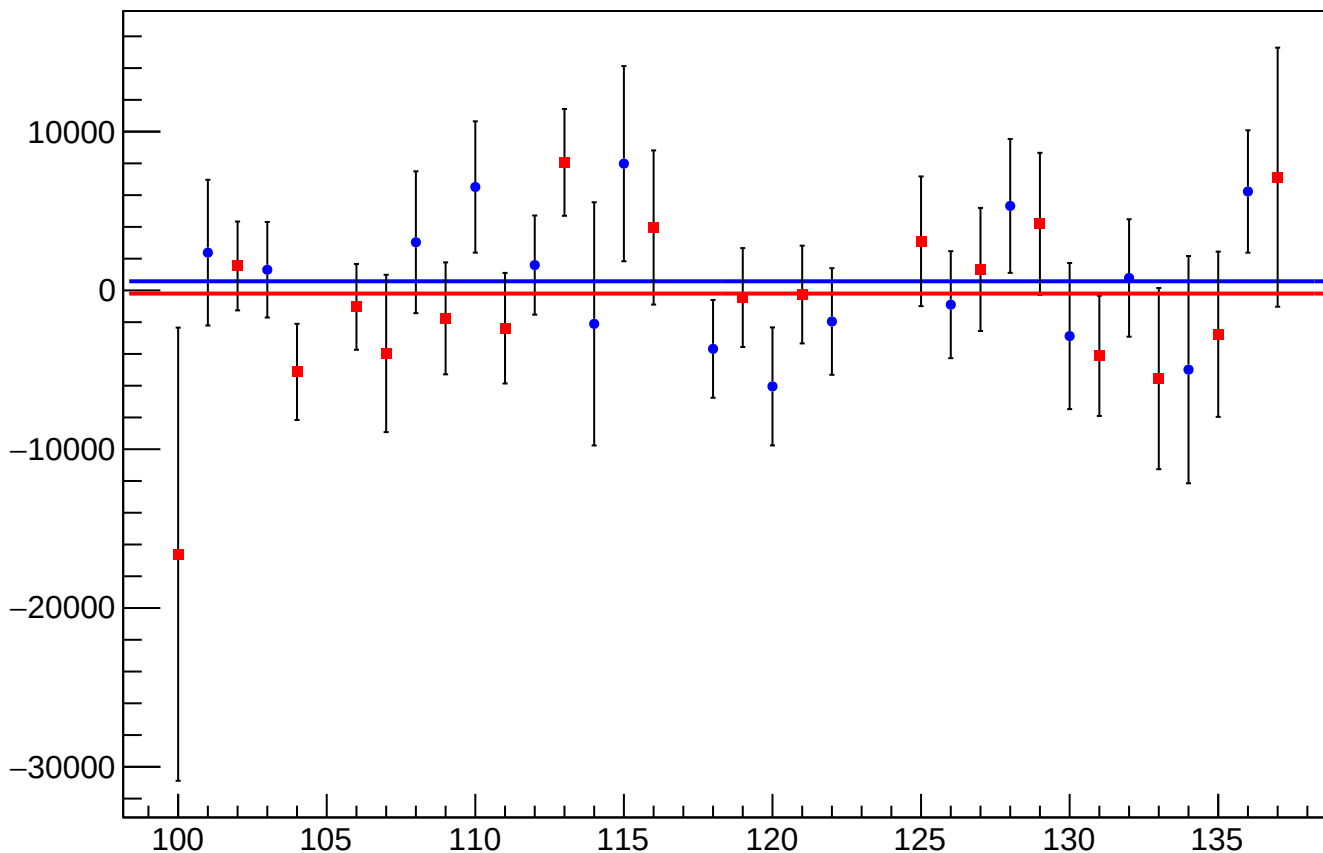
Right: 869.850+/-0.164 χ^2/NDF : 707840.8/33

In: 872.972+/-0.233 χ^2/NDF :417098.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 869.850+/-0.164 χ^2/NDF : 707840.8/33

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 575.266 $\pm$ 984.885 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -197.955 $\pm$ 894.119 χ^2 /NDF: 17.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

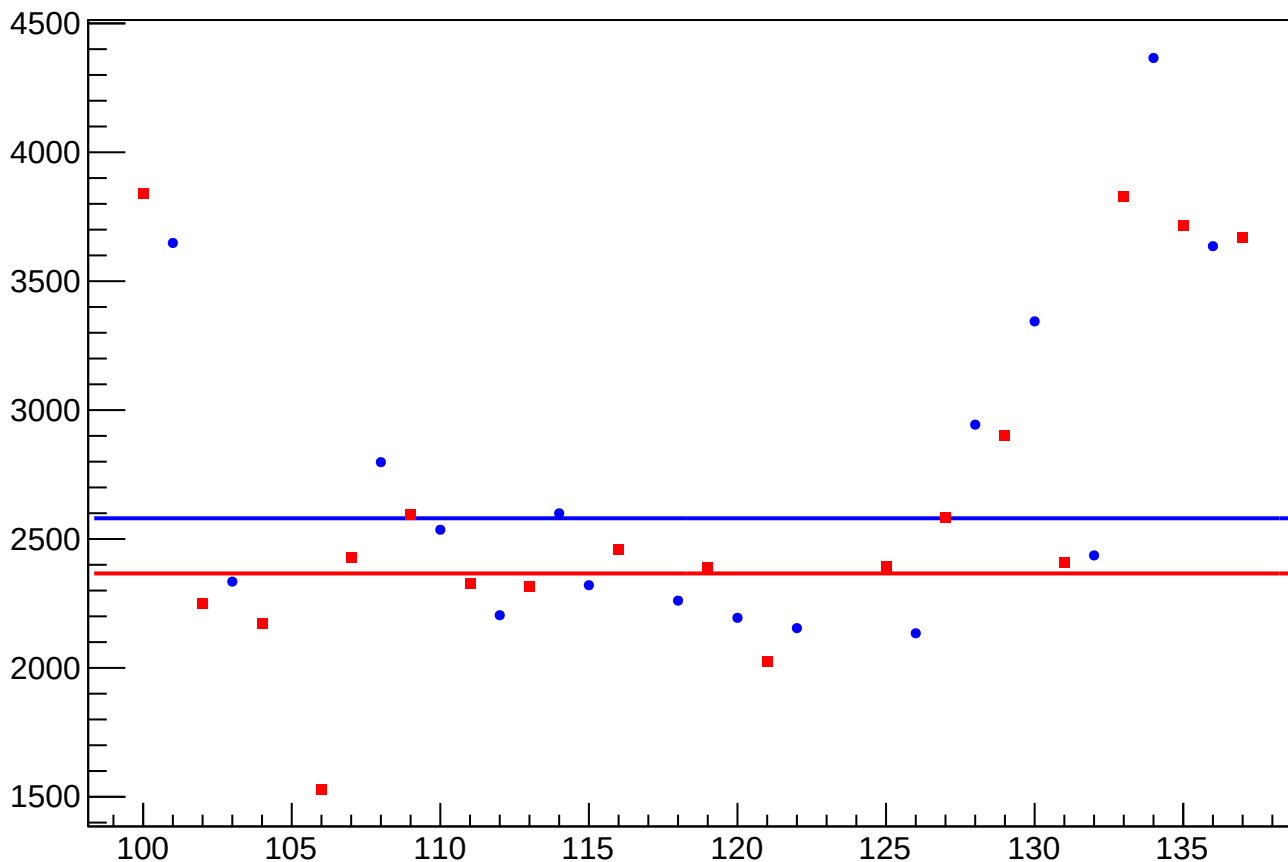
Right: 151.392 $\pm$ 662.006 χ^2 /NDF: 32.2/33

In: 575.266 $\pm$ 984.885 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.392 $\pm$ 662.006 χ^2 /NDF: 32.2/33

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2580.368+/-0.696 χ^2/NDF : 617163.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.405+/-0.632 χ^2/NDF : 611698.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

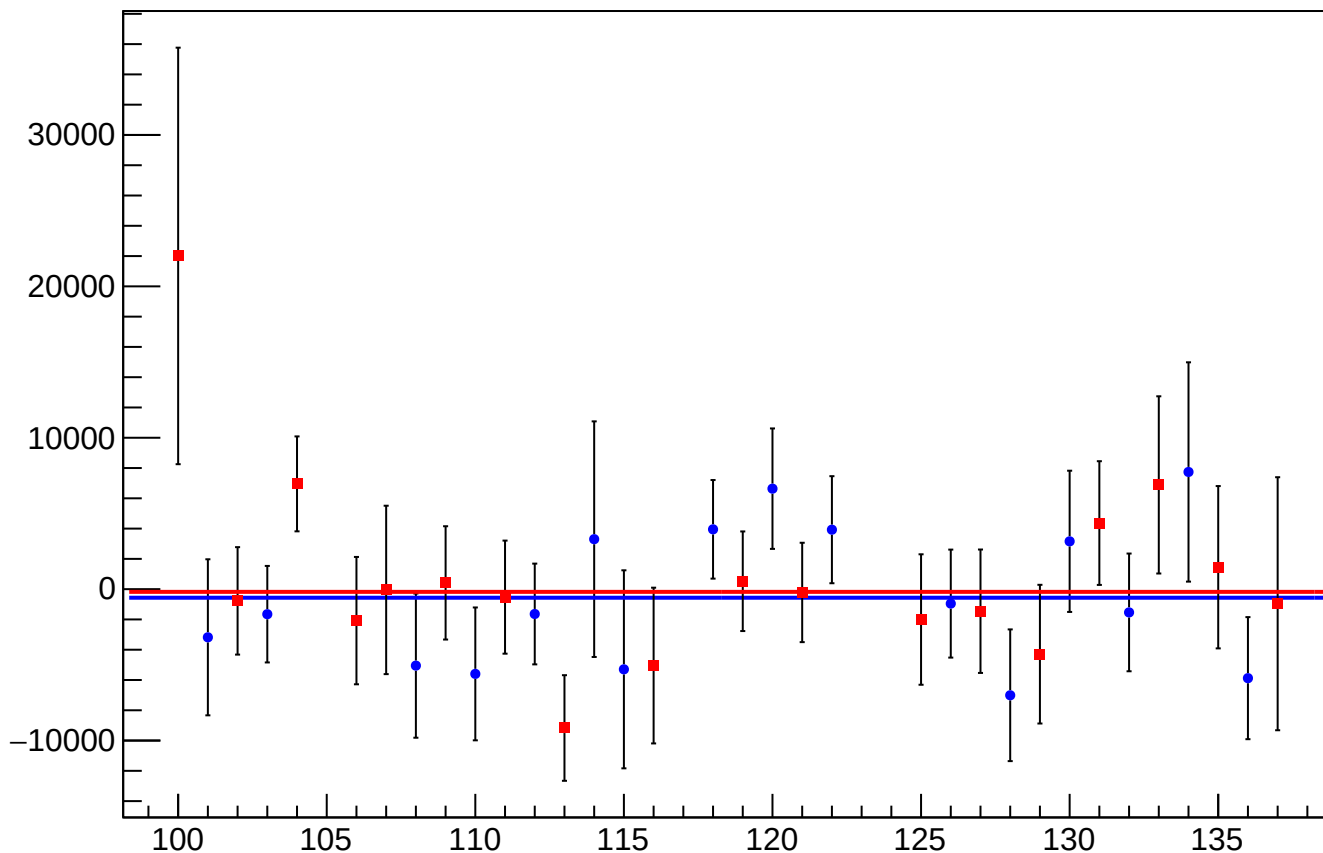
Right: 2463.075+/-0.468 χ^2/NDF : 1280607.2/33

In: 2580.368+/-0.696 χ^2/NDF : 617163.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.075+/-0.468 χ^2/NDF : 1280607.2/33

asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -566.096+/-1040.314 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -178.586+/-988.392 χ^2/NDF : 19.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

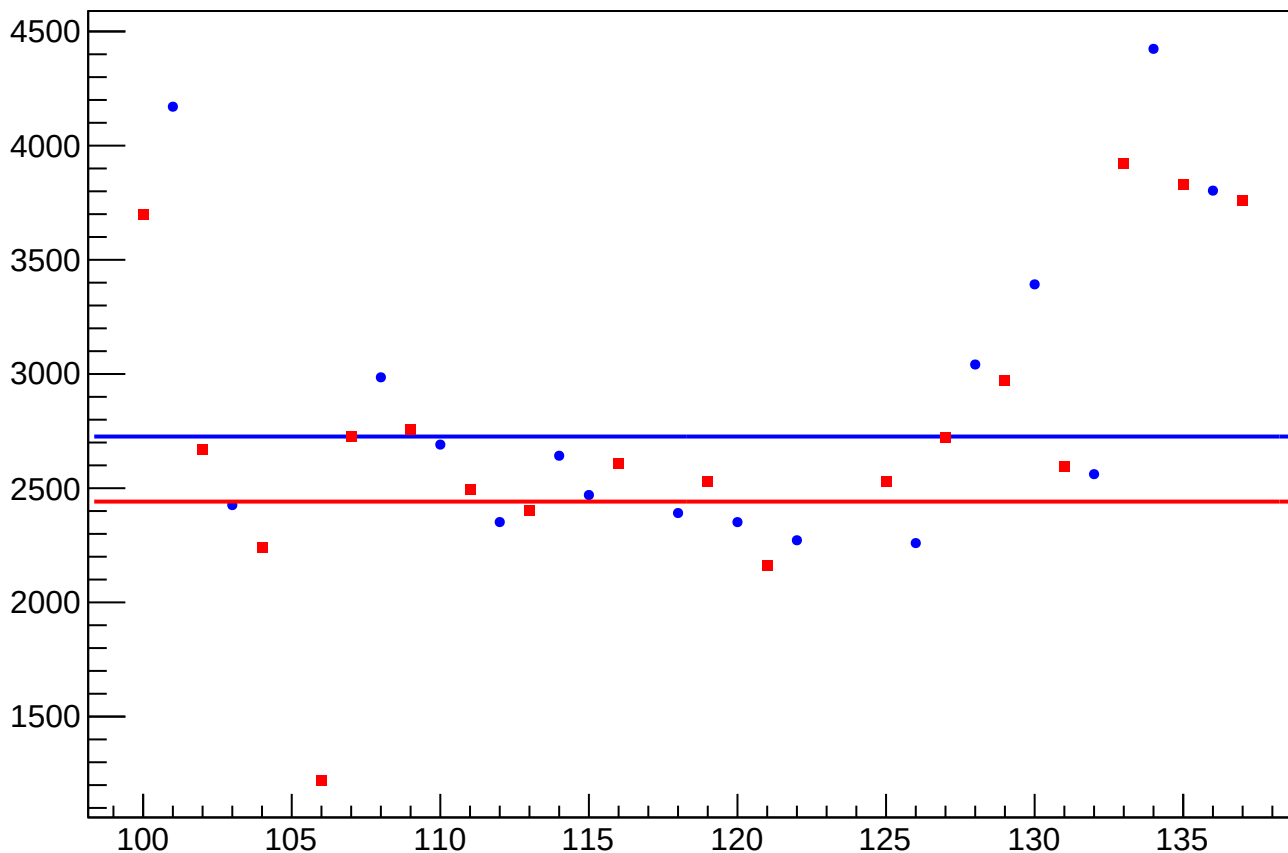
Right: -362.430+/-716.551 χ^2/NDF : 35.8/33

In: -566.096+/-1040.314 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -362.430+/-716.551 χ^2/NDF : 35.8/33

asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 2726.231+/-0.736 χ^2/NDF : 623079.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2441.363+/-0.667 χ^2/NDF : 891132.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

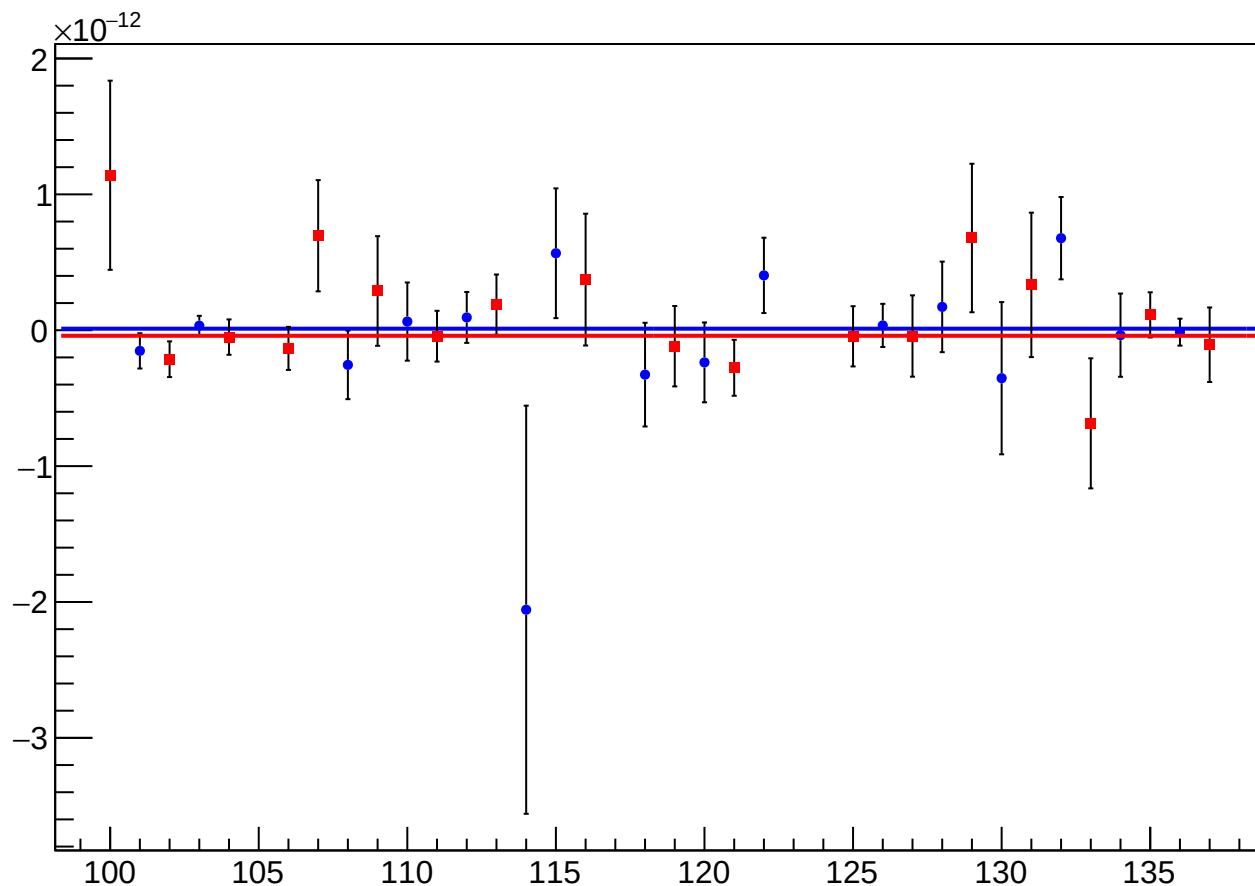
Right: 2569.883+/-0.494 χ^2/NDF : 1596520.0/33

In: 2726.231+/-0.736 χ^2/NDF : 623079.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2569.883+/-0.494 χ^2/NDF : 1596520.0/33

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 17.0/17

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

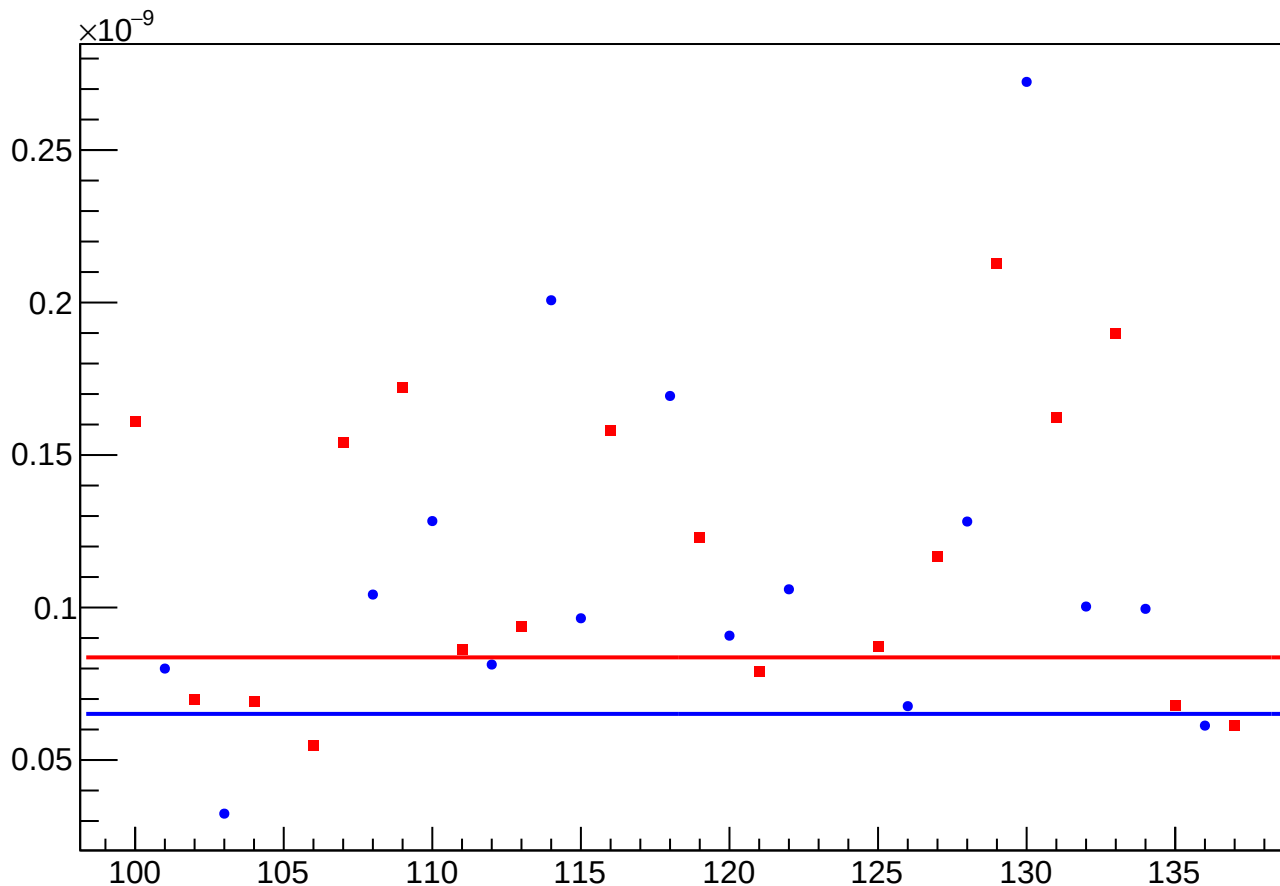
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 32.9/33

In: 0.000 $\pm$ 0.000 χ^2/NDF : 15.4/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 32.9/33

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1222613.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 691494.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

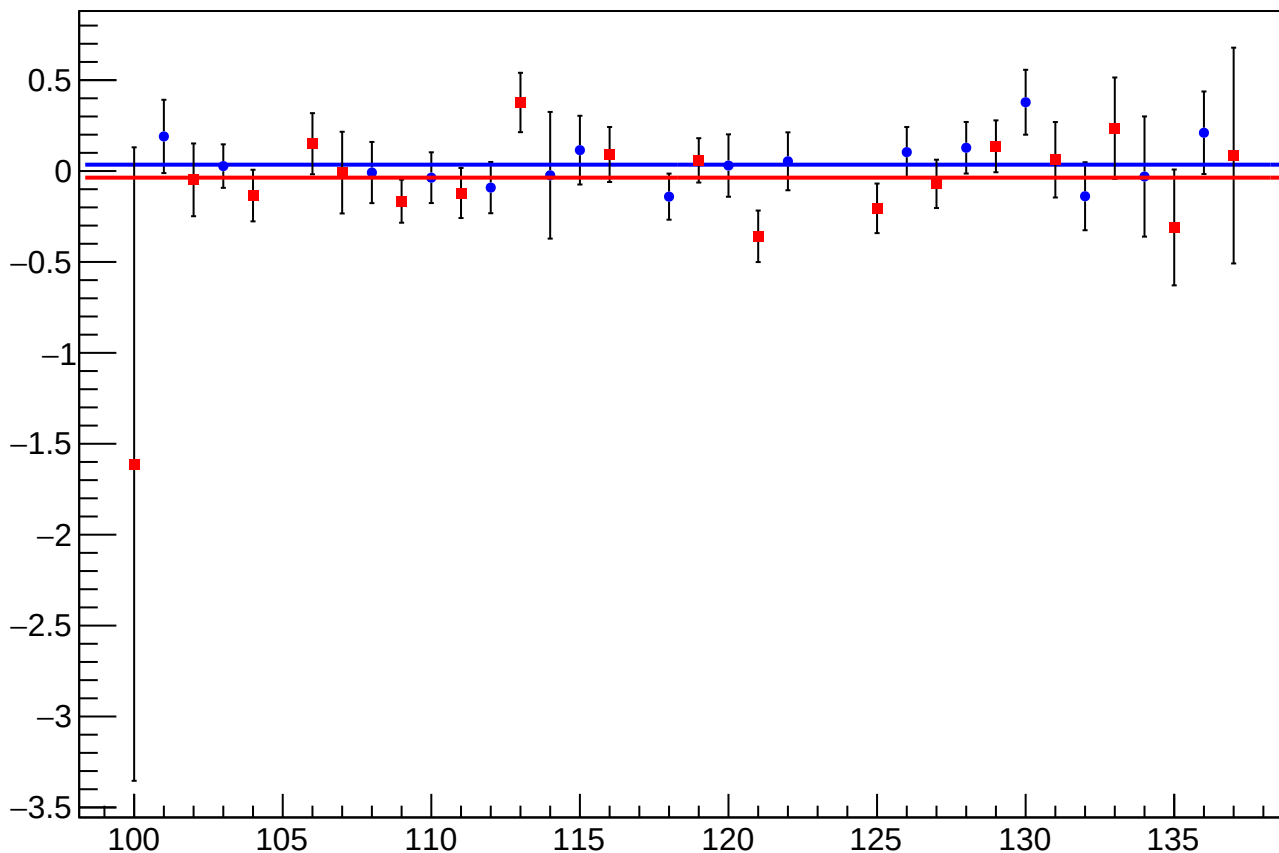
Right: 0.000+/-0.000 χ^2/NDF : 2057625.5/33

In: 0.000+/-0.000 χ^2/NDF : 1222613.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2057625.5/33

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 9.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.039 χ^2 /NDF: 22.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

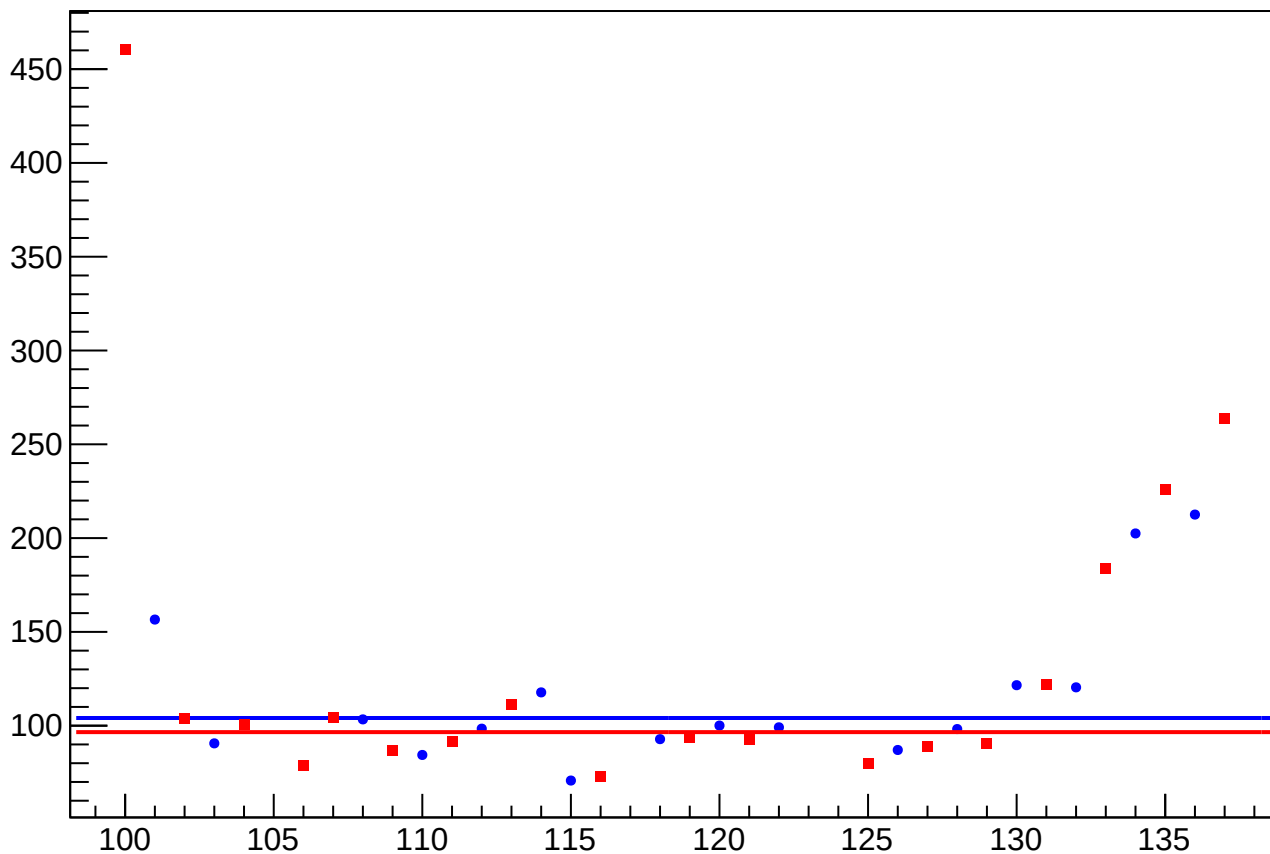
Right: -0.003 $\pm$ 0.028 χ^2 /NDF: 33.4/33

In: 0.035 $\pm$ 0.041 χ^2 /NDF:9.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.028 χ^2 /NDF: 33.4/33

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.569+/-0.028 χ^2/NDF : 955547.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

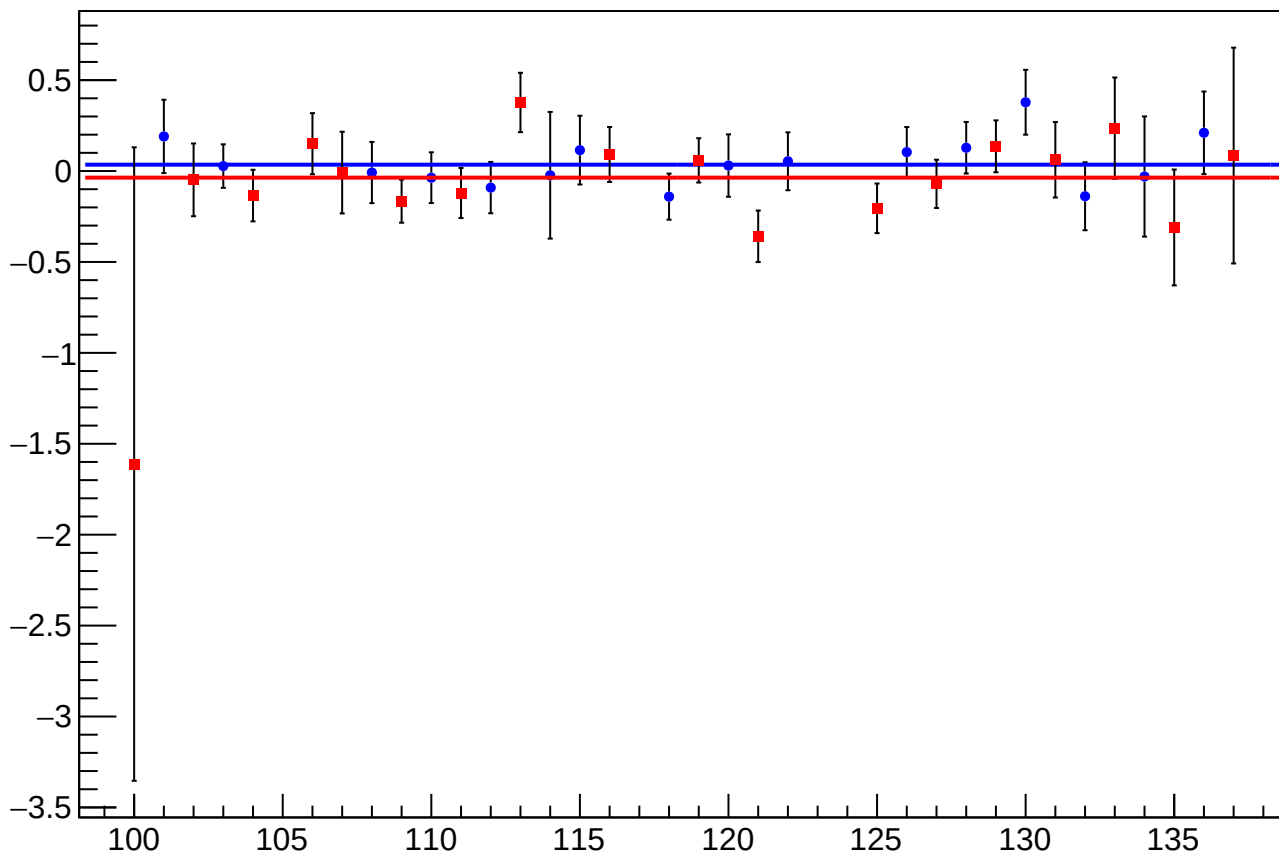
Right: 100.134+/-0.020 χ^2/NDF : 1980876.5/33

In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.134+/-0.020 χ^2/NDF : 1980876.5/33

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.041 χ^2/NDF : 9.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.039 χ^2/NDF : 22.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

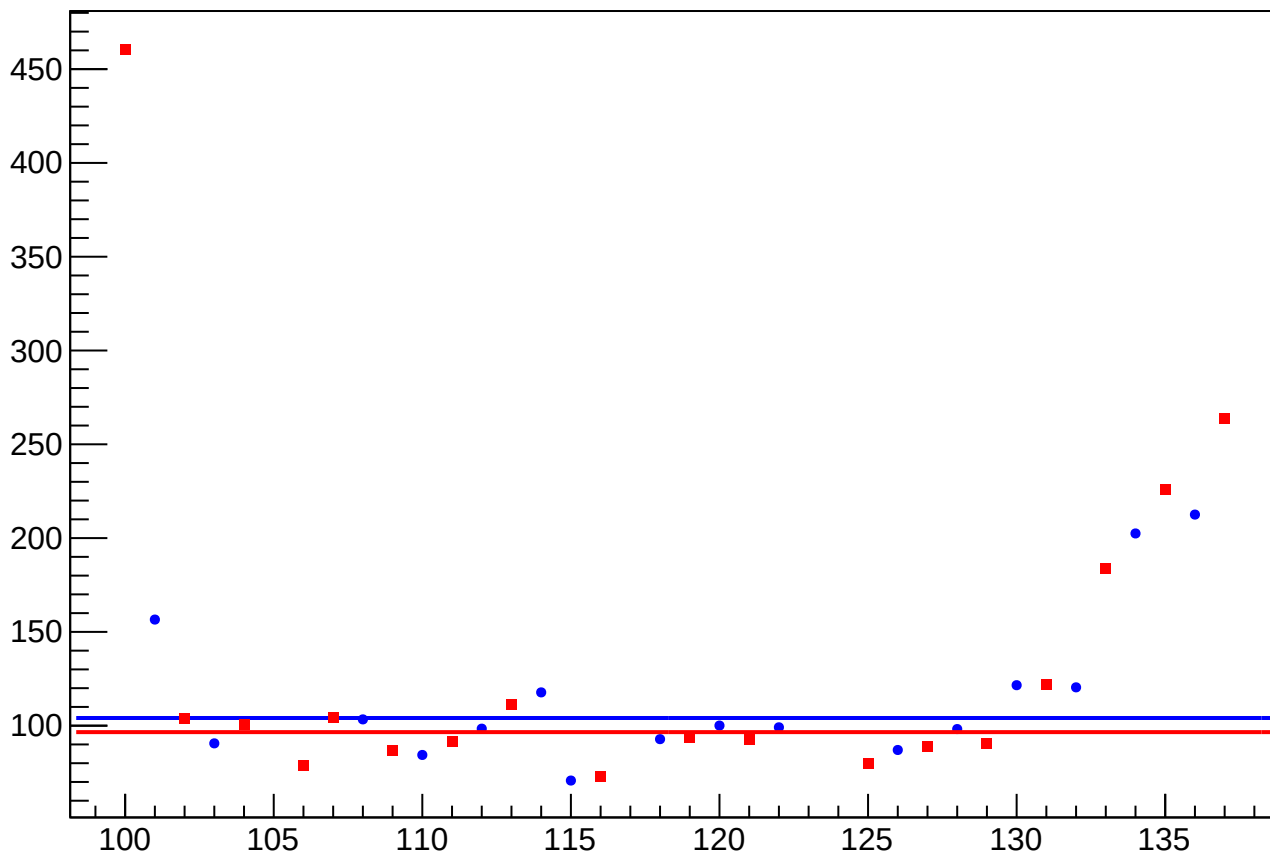
Right: -0.003+/-0.028 χ^2/NDF : 33.4/33

In: 0.035+/-0.041 χ^2/NDF : 9.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.028 χ^2/NDF : 33.4/33

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.569+/-0.028 χ^2/NDF : 955547.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

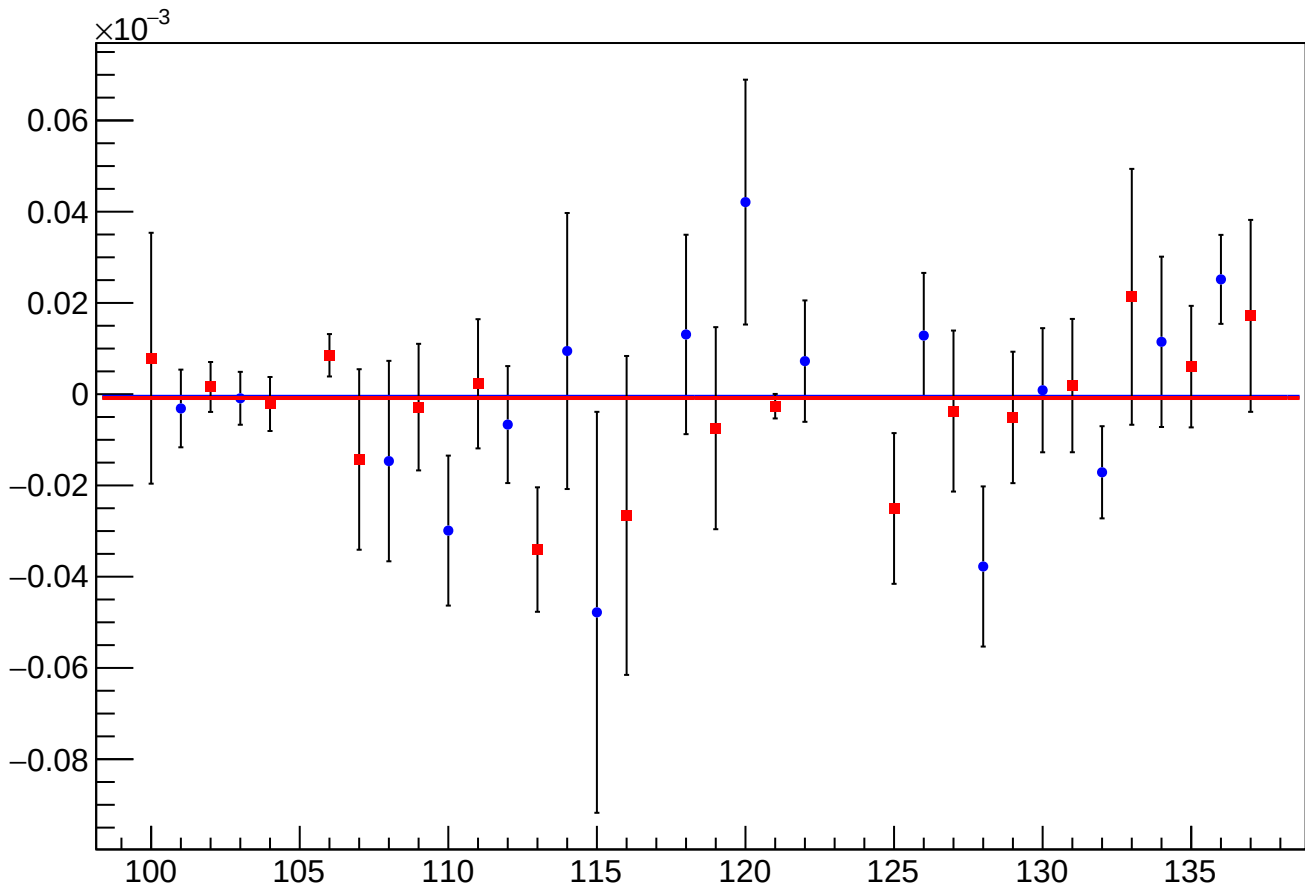
Right: 100.134+/-0.020 χ^2/NDF : 1980876.5/33

In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.134+/-0.020 χ^2/NDF : 1980876.5/33

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 24.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

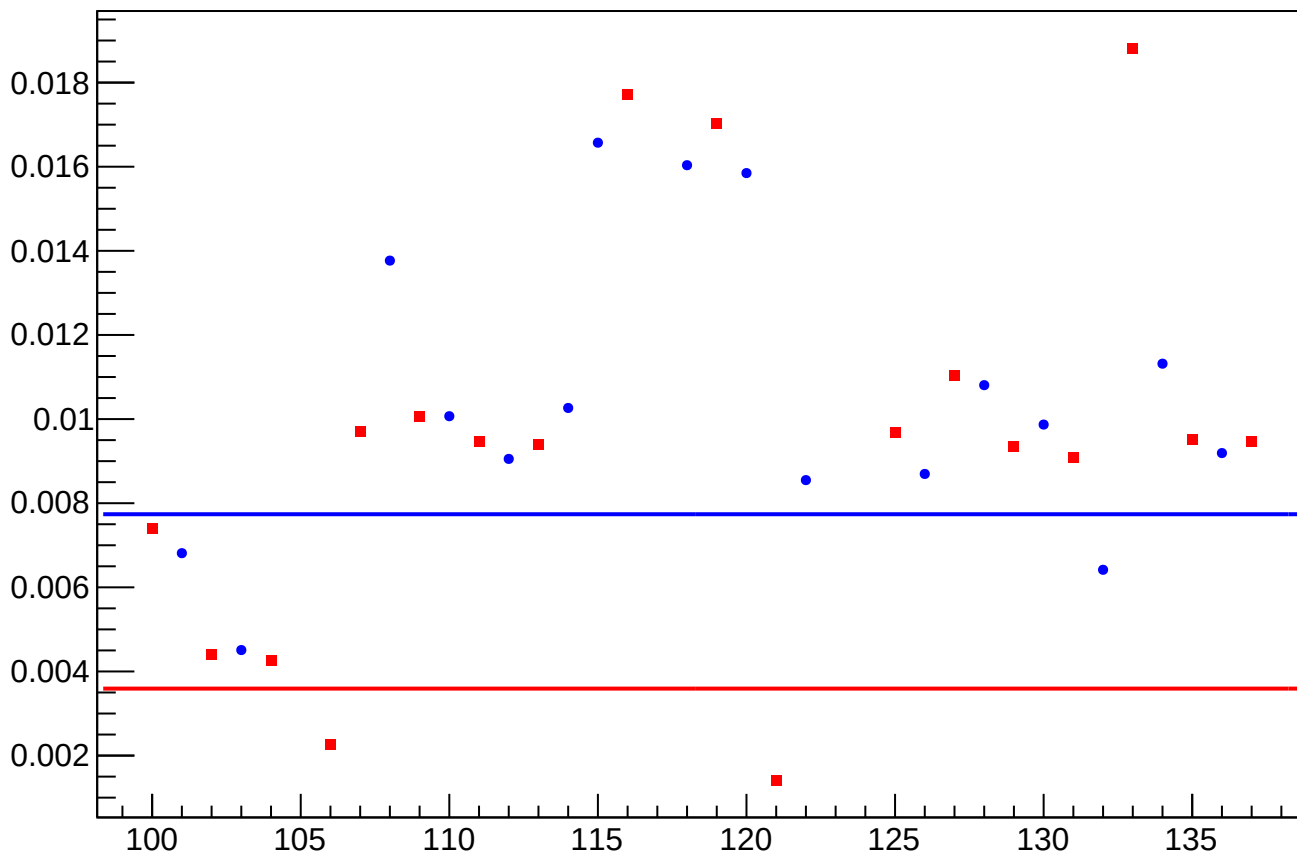
Right: -0.000+/-0.000 χ^2/NDF : 39.8/33

In: -0.000+/-0.000 χ^2/NDF : 24.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.8/33

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1701473.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6364883.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

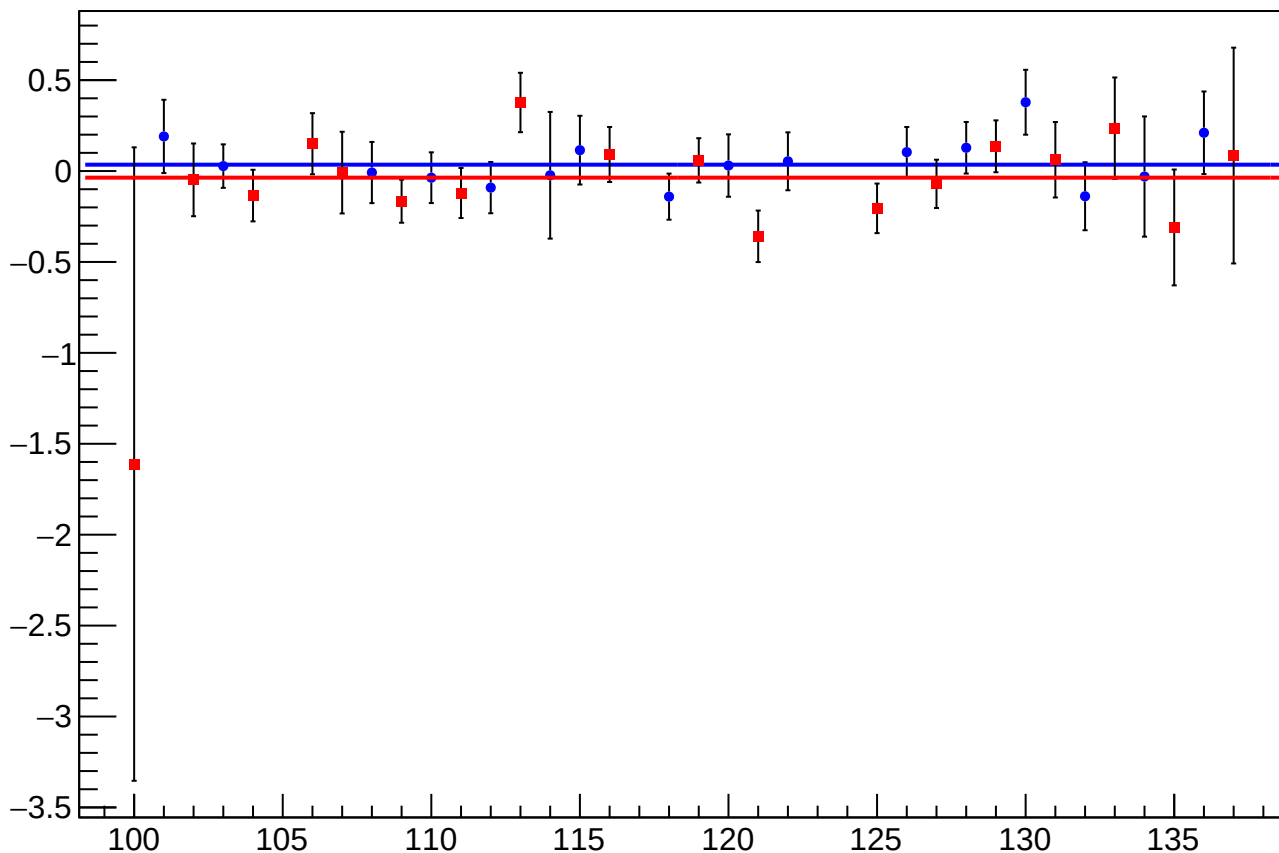
Right: 0.005+/-0.000 χ^2/NDF : 10695382.9/33

In: 0.008+/-0.000 χ^2/NDF : 1701473.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 10695382.9/33

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.041 χ^2/NDF : 9.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.036+/-0.039 χ^2/NDF : 22.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

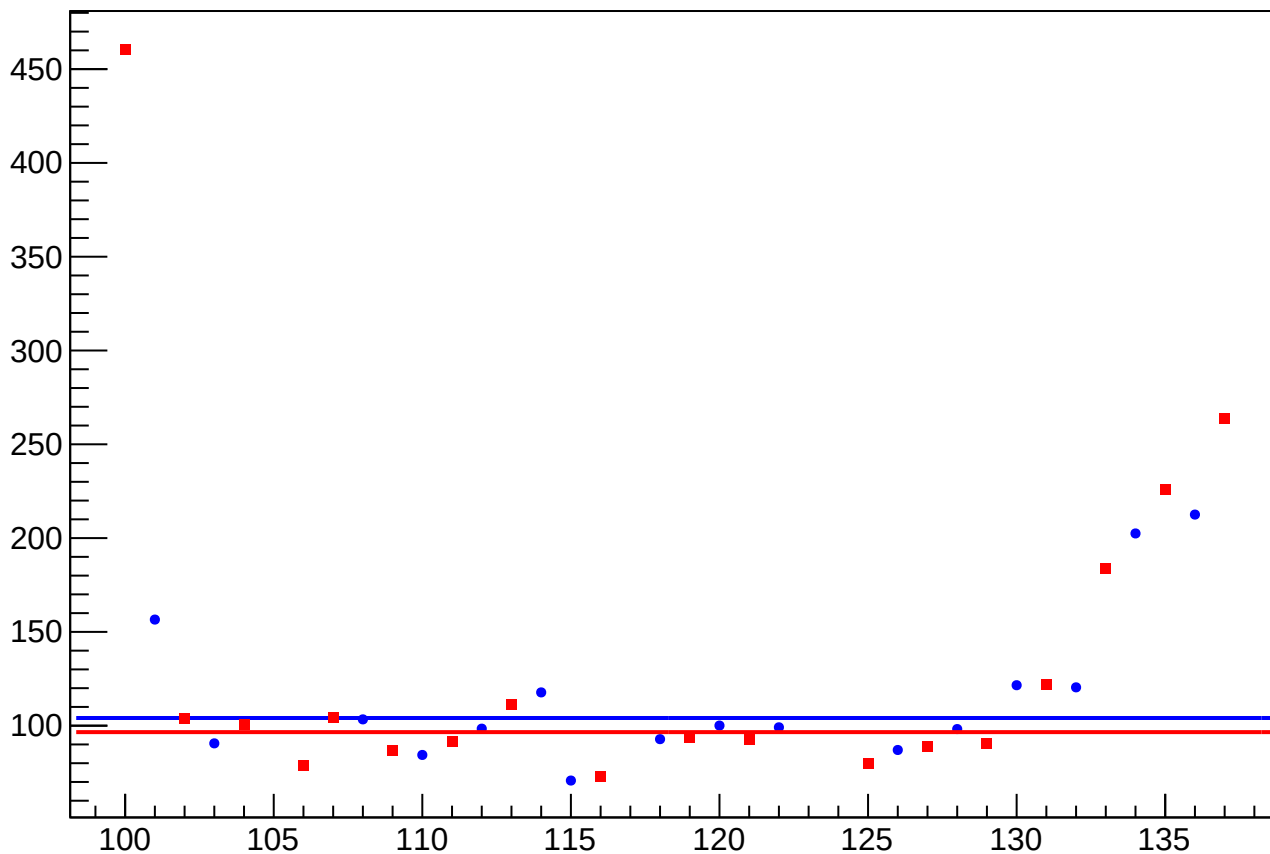
Right: -0.003+/-0.028 χ^2/NDF : 33.4/33

In: 0.035+/-0.041 χ^2/NDF : 9.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.028 χ^2/NDF : 33.4/33

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.100 $\pm$ 0.029 χ^2 /NDF: 989809.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.570 $\pm$ 0.028 χ^2 /NDF: 955477.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

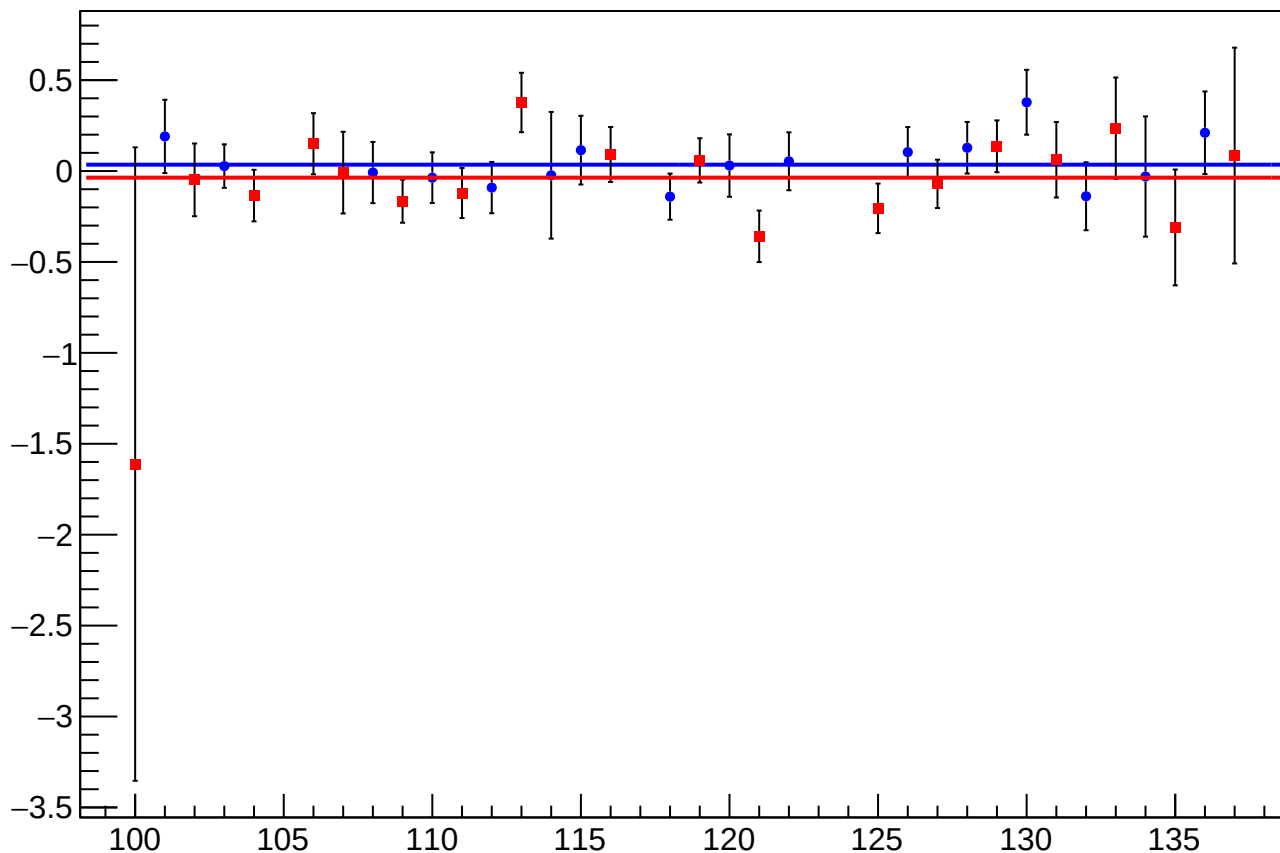
Right: 100.135 $\pm$ 0.020 χ^2 /NDF: 1980754.7/33

In: 104.100 $\pm$ 0.029 χ^2 /NDF:989809.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 100.135 $\pm$ 0.020 χ^2 /NDF: 1980754.7/33

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 9.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.036 $\pm$ 0.039 χ^2 /NDF: 22.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

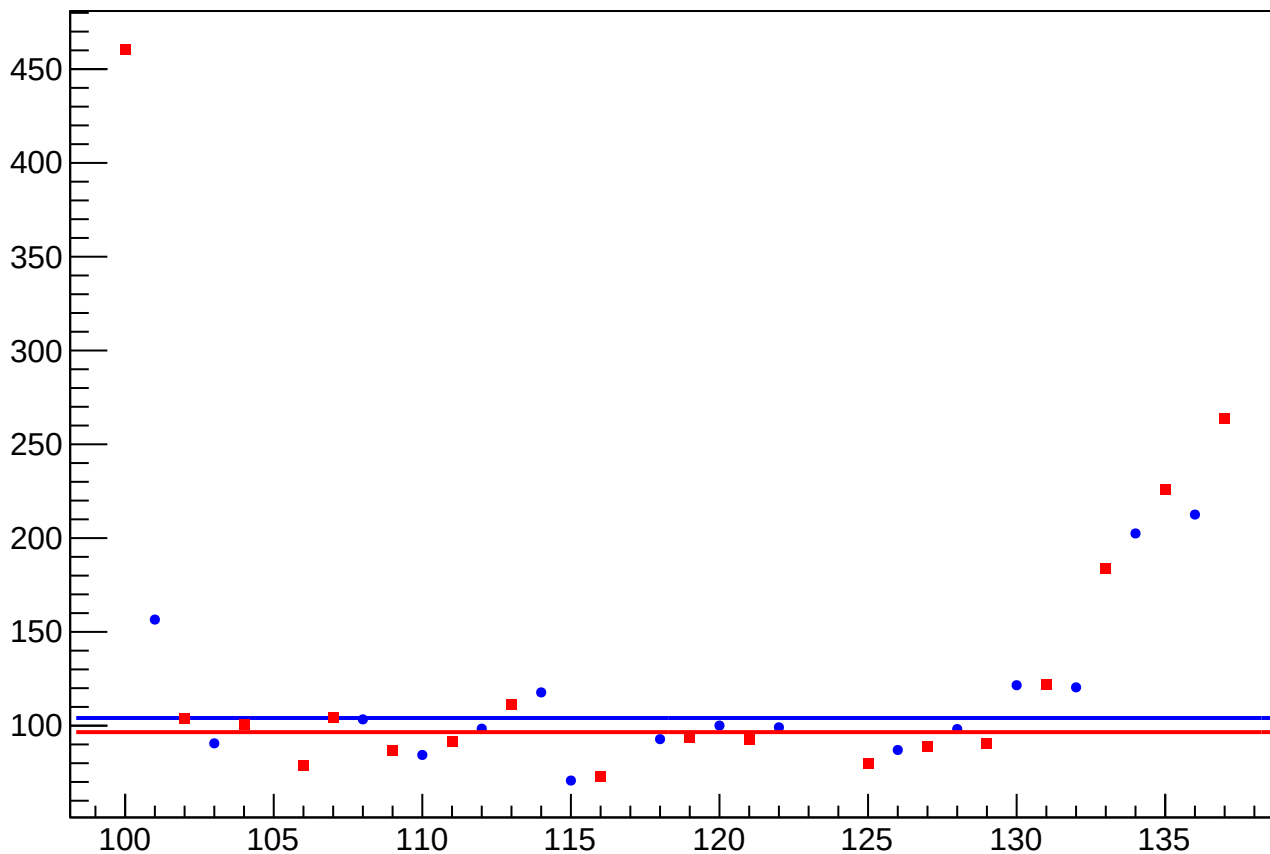
Right: -0.003 $\pm$ 0.028 χ^2 /NDF: 33.4/33

In: 0.035 $\pm$ 0.041 χ^2 /NDF:9.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.003 $\pm$ 0.028 χ^2 /NDF: 33.4/33

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 104.100+/-0.029 χ^2/NDF : 989809.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.570+/-0.028 χ^2/NDF : 955477.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

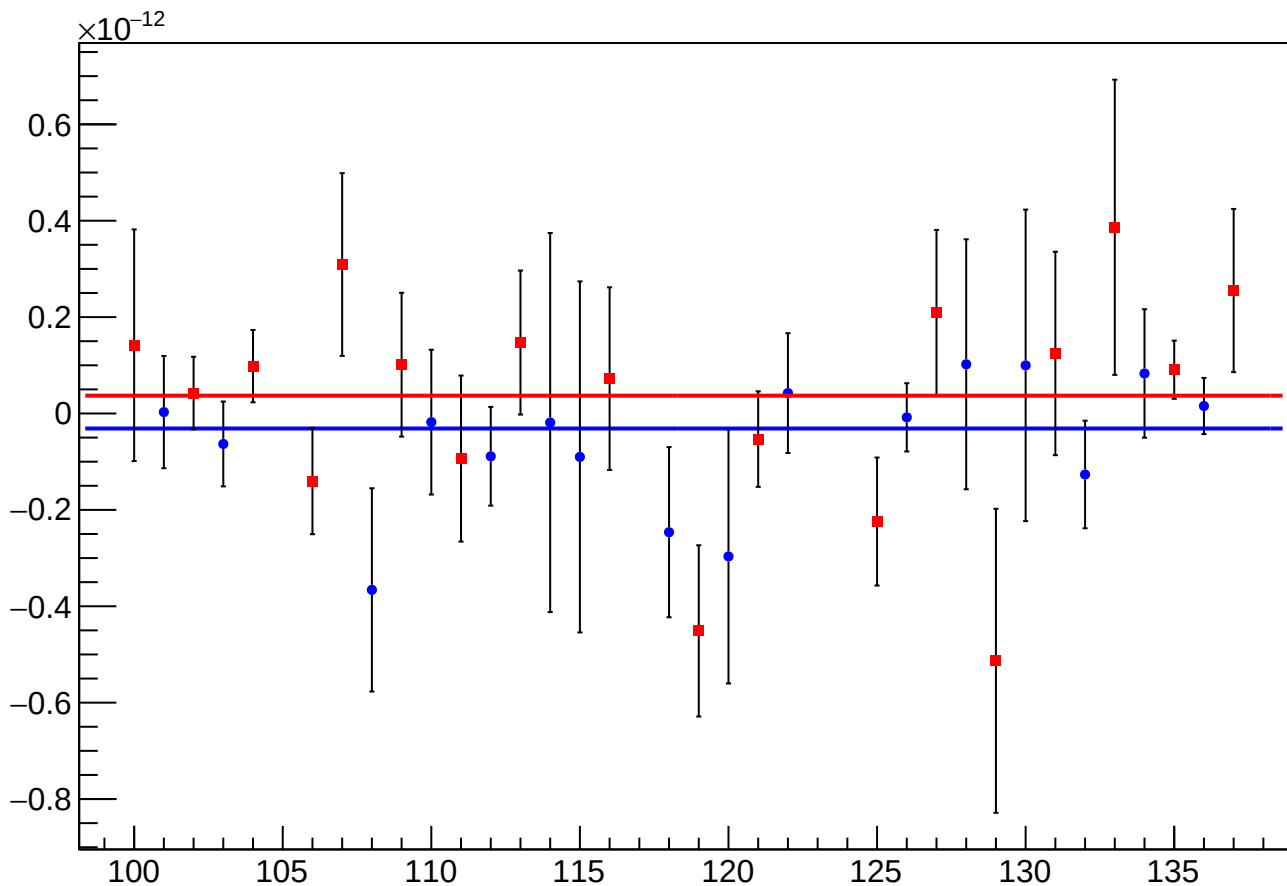
Right: 100.135+/-0.020 χ^2/NDF : 1980754.7/33

In: 104.100+/-0.029 χ^2/NDF : 989809.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.135+/-0.020 χ^2/NDF : 1980754.7/33

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 27.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

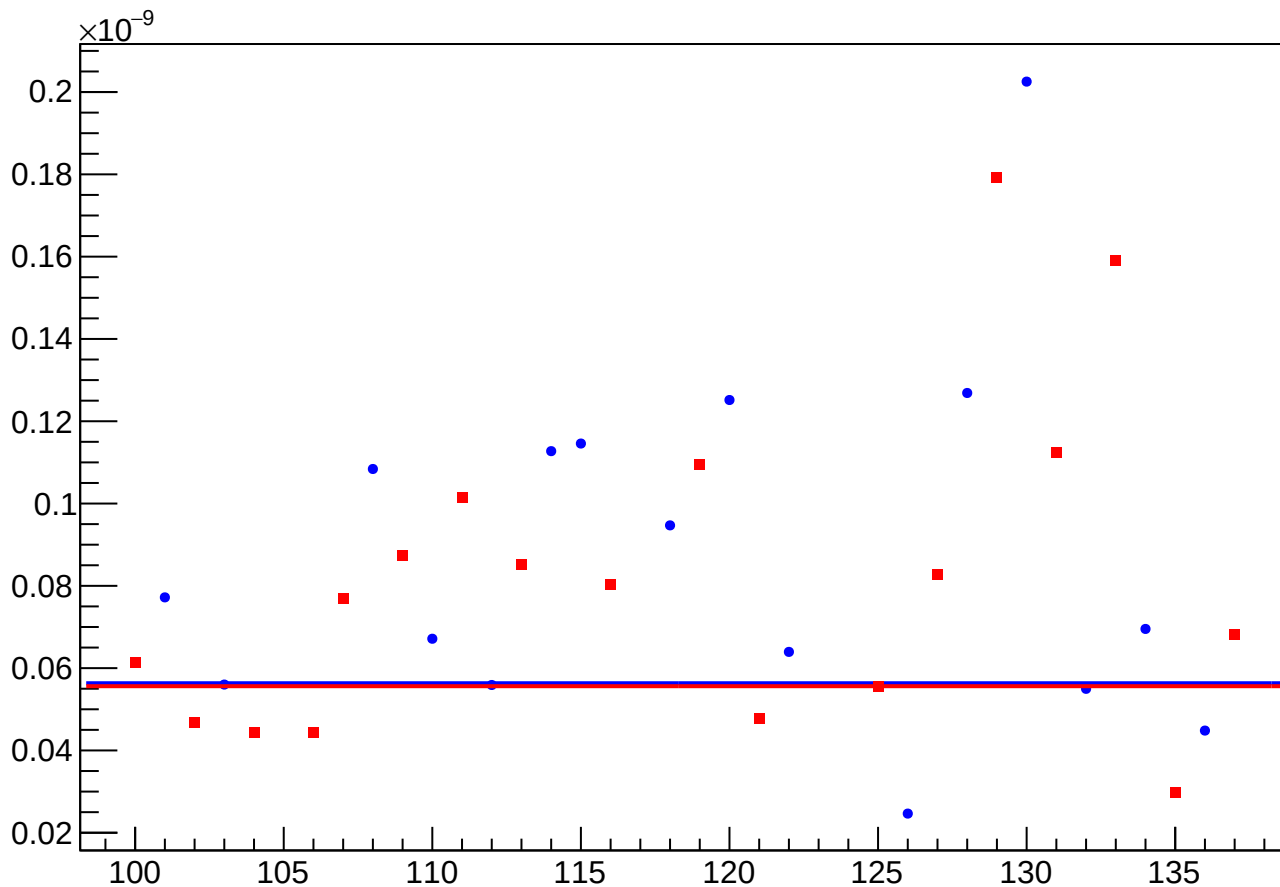
Right: 0.000+/-0.000 χ^2/NDF : 38.4/33

In: -0.000+/-0.000 χ^2/NDF : 8.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.4/33

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1582688.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1767462.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

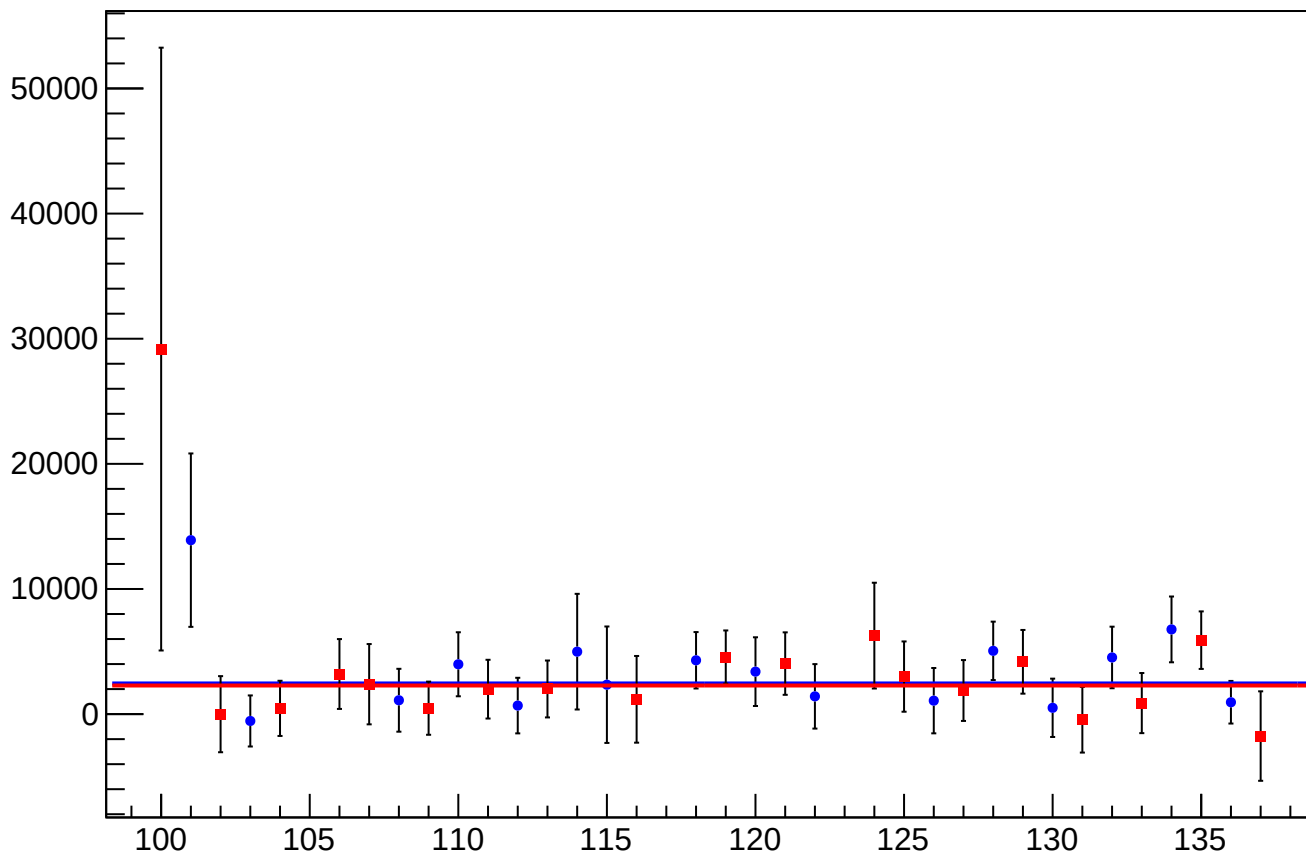
Right: 0.000+/-0.000 χ^2/NDF : 3350763.8/33

In: 0.000+/-0.000 χ^2/NDF : 1582688.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3350763.8/33

reg_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2449.957+/-630.235 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2286.573+/-609.157 χ^2/NDF : 11.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

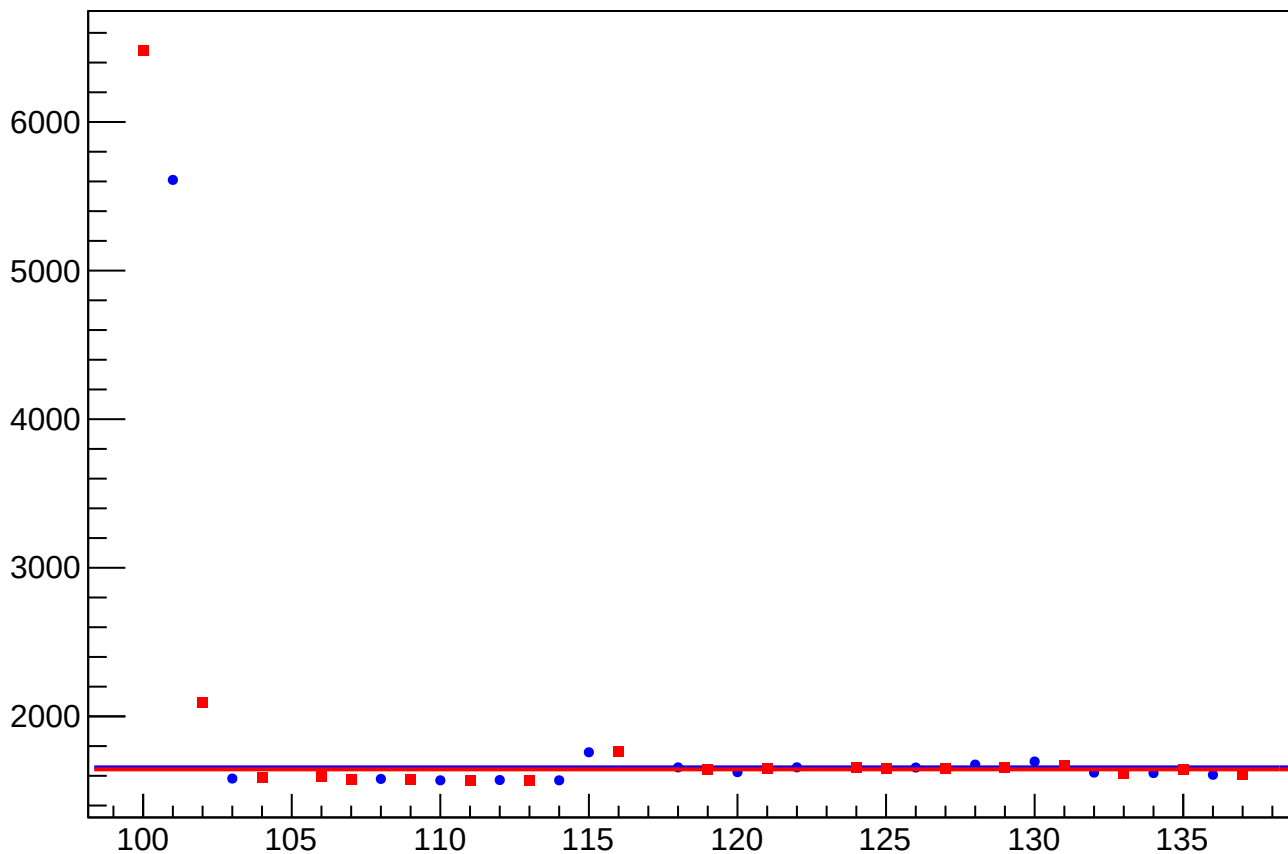
Right: 2365.487+/-438.001 χ^2/NDF : 25.7/34

In: 2449.957+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2365.487+/-438.001 χ^2/NDF : 25.7/34

reg_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1656.683+/-0.446 χ^2/NDF : 666226.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1643.430+/-0.431 χ^2/NDF : 136997.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

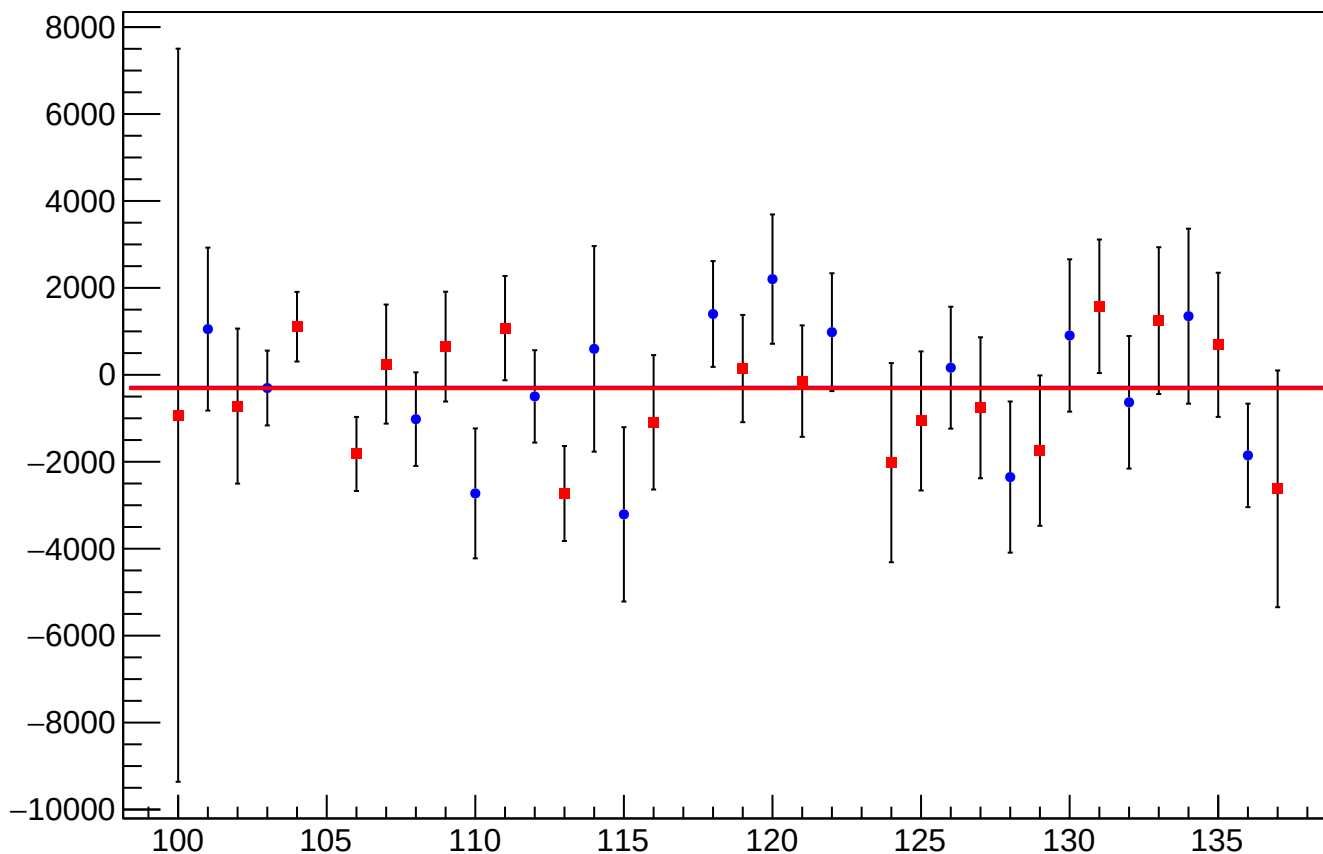
Right: 1649.831+/-0.310 χ^2/NDF : 803681.3/34

In: 1656.683+/-0.446 χ^2/NDF : 666226.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1649.831+/-0.310 χ^2/NDF : 803681.3/34

asym_usr_atr1_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -296.450+/-343.436 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.671+/-312.976 χ^2/NDF : 18.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

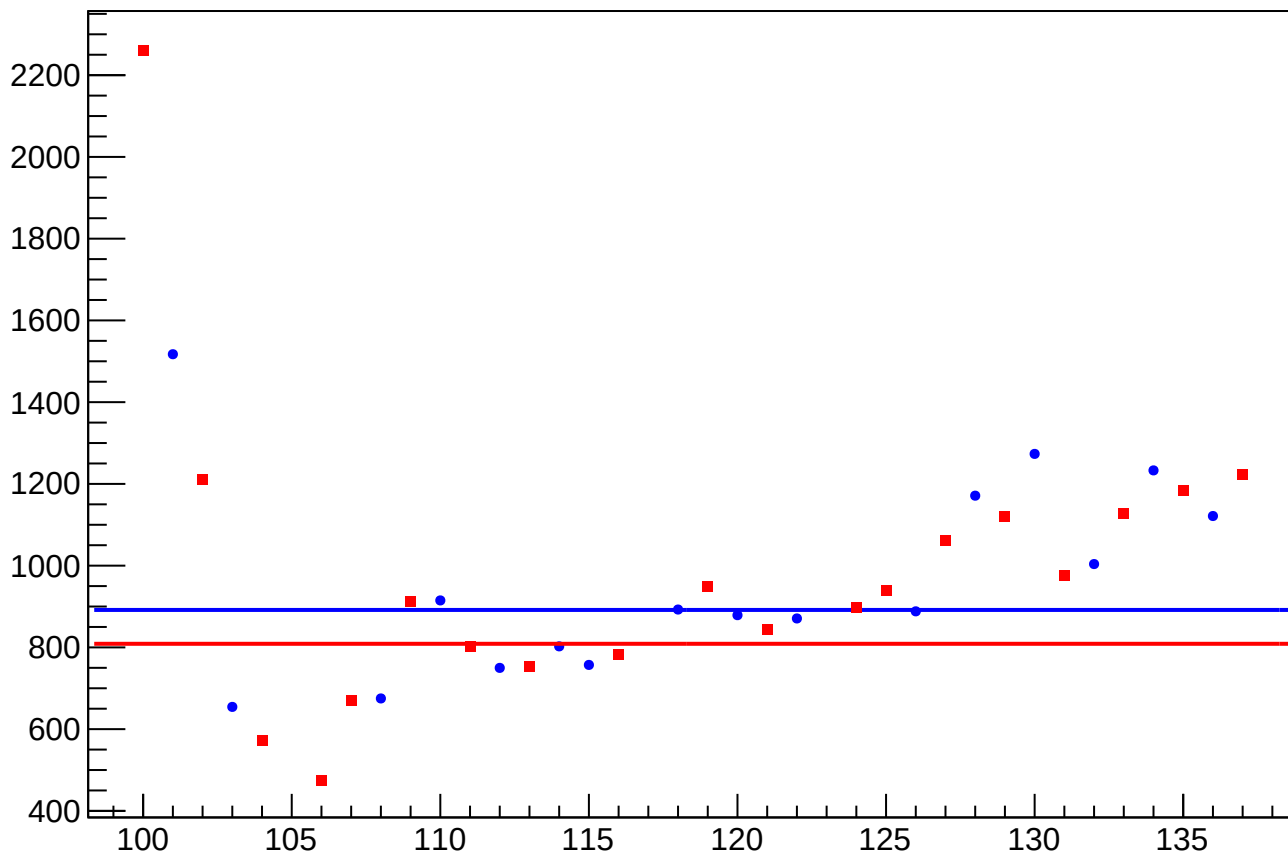
Right: -302.580+/-231.328 χ^2/NDF : 34.7/34

In: -296.450+/-343.436 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -302.580+/-231.328 χ^2/NDF : 34.7/34

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 891.633+/-0.243 χ^2/NDF : 793897.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 808.809+/-0.221 χ^2/NDF : 1083841.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

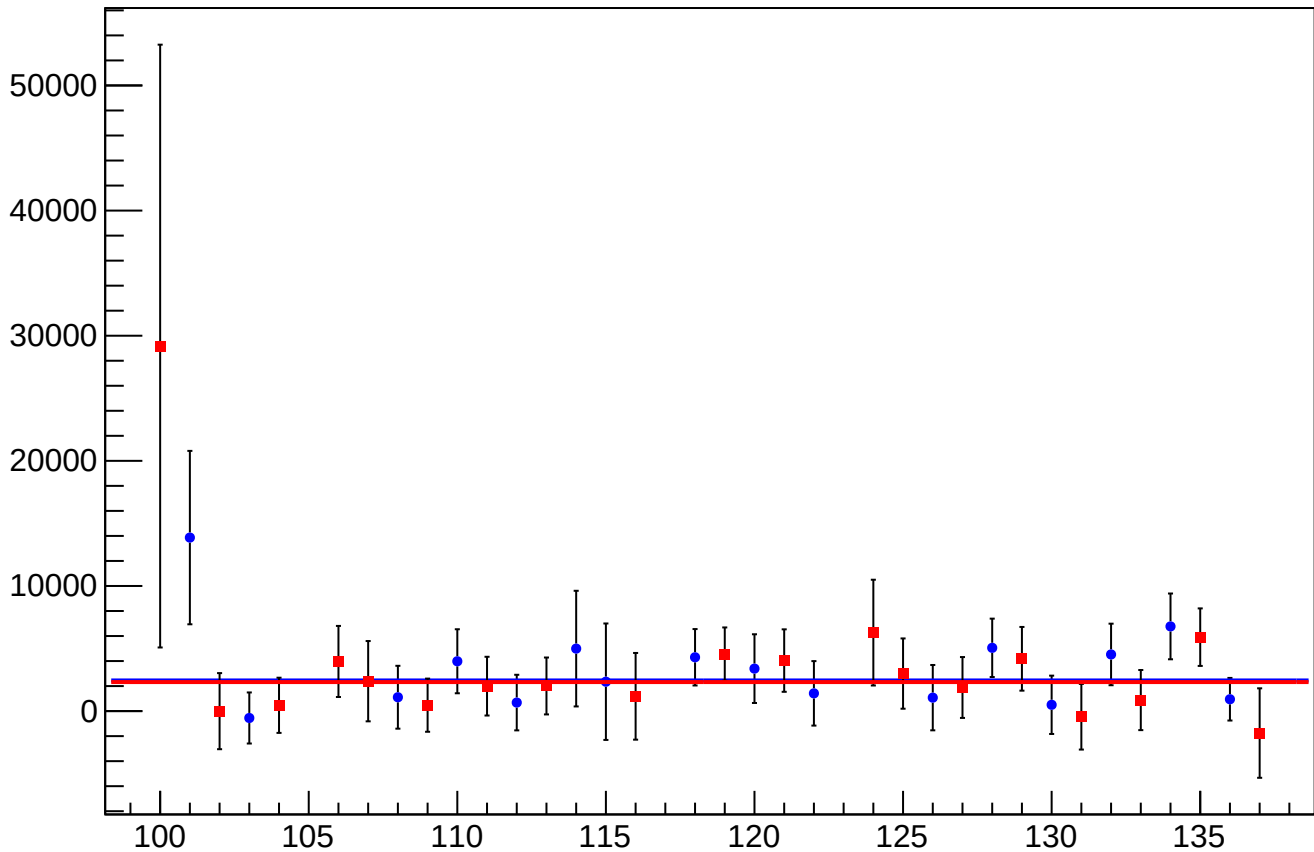
Right: 846.386+/-0.164 χ^2/NDF : 1941284.0/34

In: 891.633+/-0.243 χ^2/NDF : 793897.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 846.386+/-0.164 χ^2/NDF : 1941284.0/34

cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.575+/-609.657 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

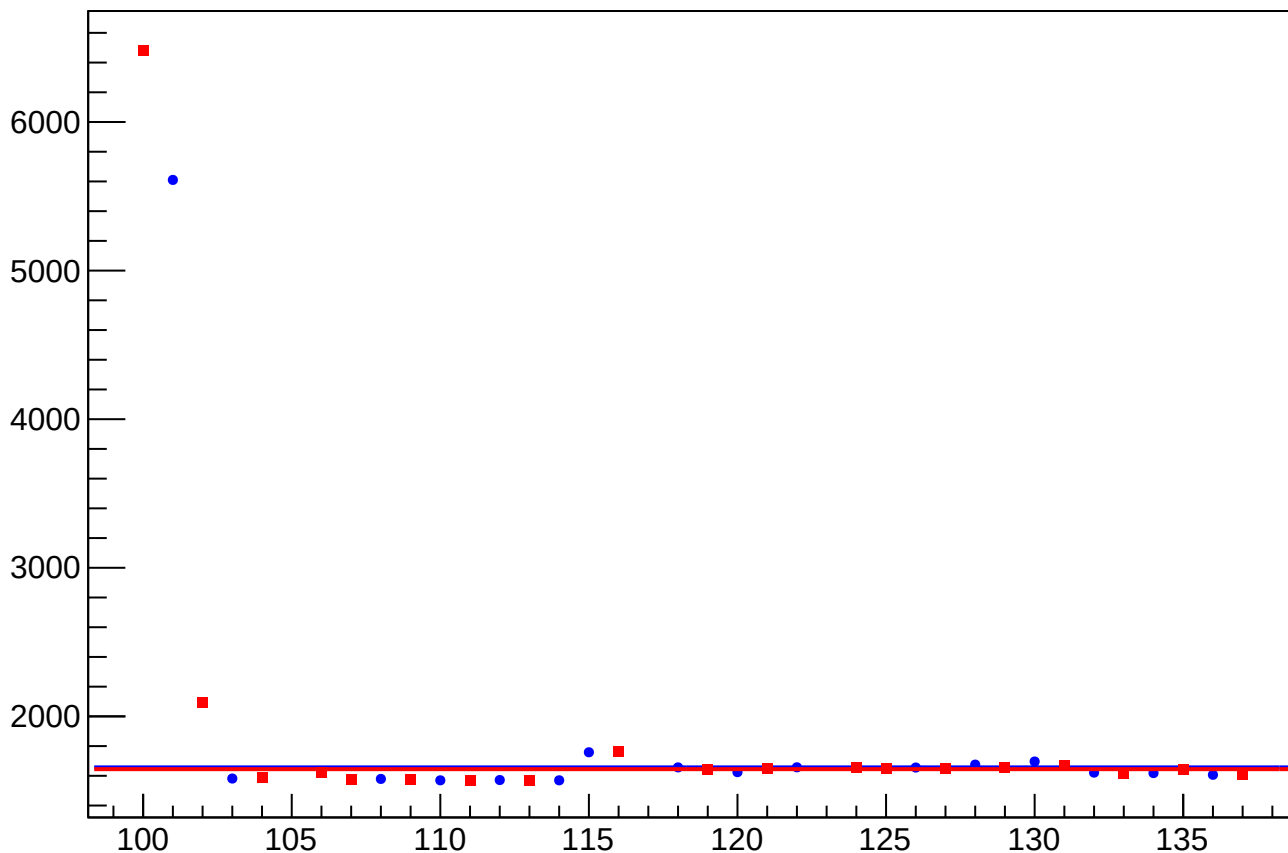
Right: 2382.848+/-438.187 χ^2/NDF : 25.9/34

In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.848+/-438.187 χ^2/NDF : 25.9/34

cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.733+/-0.431 χ^2/NDF : 136483.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

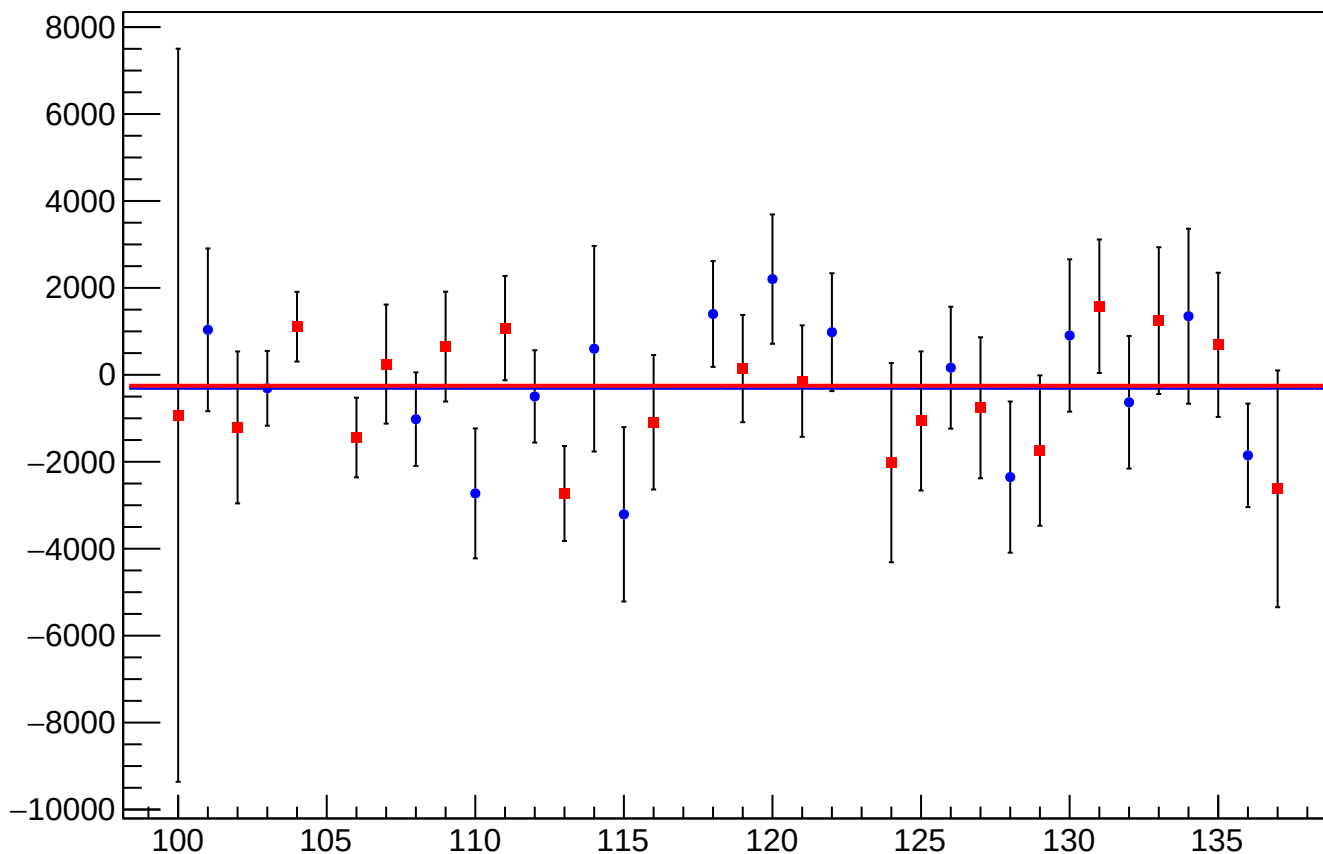
Right: 1650.510+/-0.310 χ^2/NDF : 803080.3/34

In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1650.510+/-0.310 χ^2/NDF : 803080.3/34

asym_usr_atr1_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.230+/-315.749 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

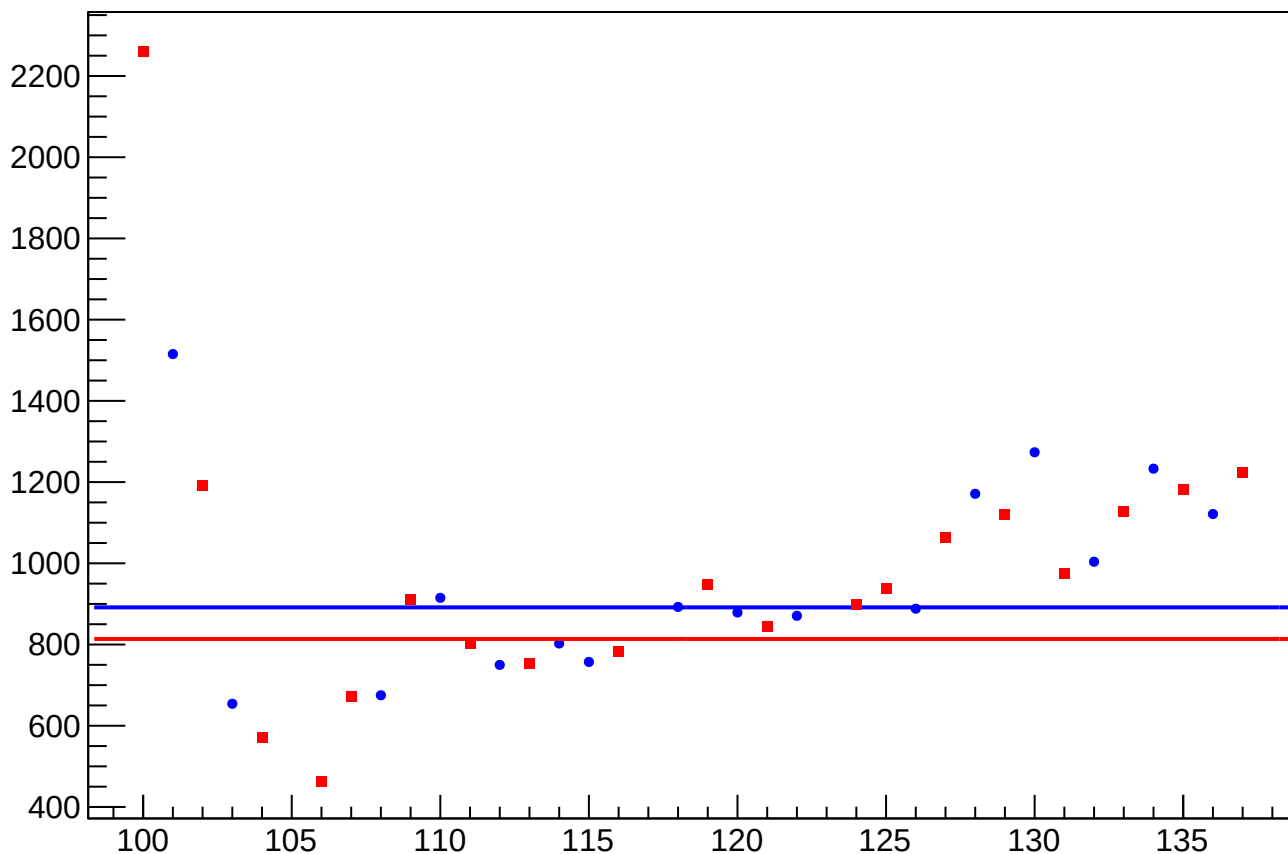
Right: -272.563+/-232.427 χ^2/NDF : 33.2/34

In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.563+/-232.427 χ^2/NDF : 33.2/34

asym_usr_atr1_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.807+/-0.223 χ^2/NDF : 1052991.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

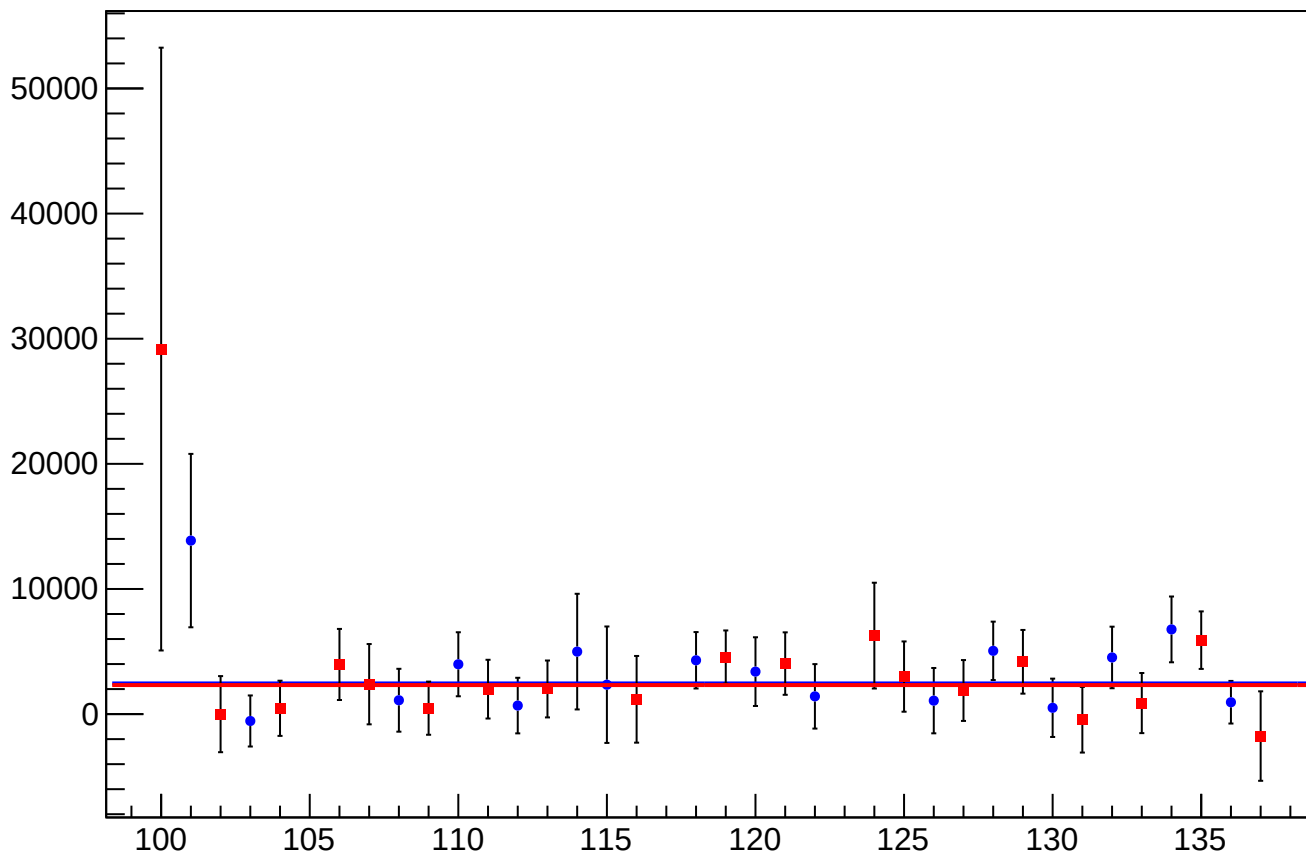
Right: 849.416+/-0.164 χ^2/NDF : 1902171.7/34

In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.416+/-0.164 χ^2/NDF : 1902171.7/34

eigen_cor_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2320.575+/-609.657 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

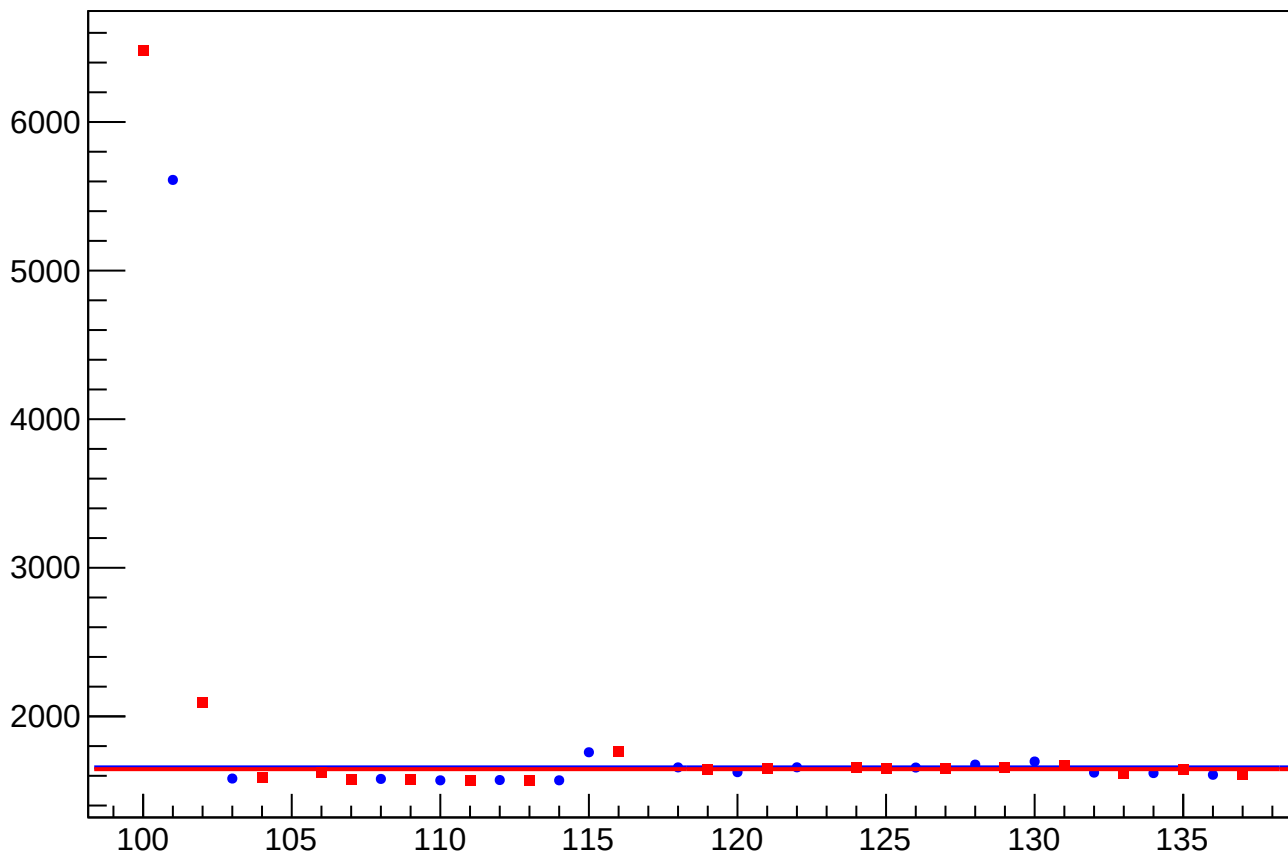
Right: 2382.848+/-438.187 χ^2/NDF : 25.9/34

In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2382.848+/-438.187 χ^2/NDF : 25.9/34

eigen_cor_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1644.733+/-0.431 χ^2/NDF : 136483.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

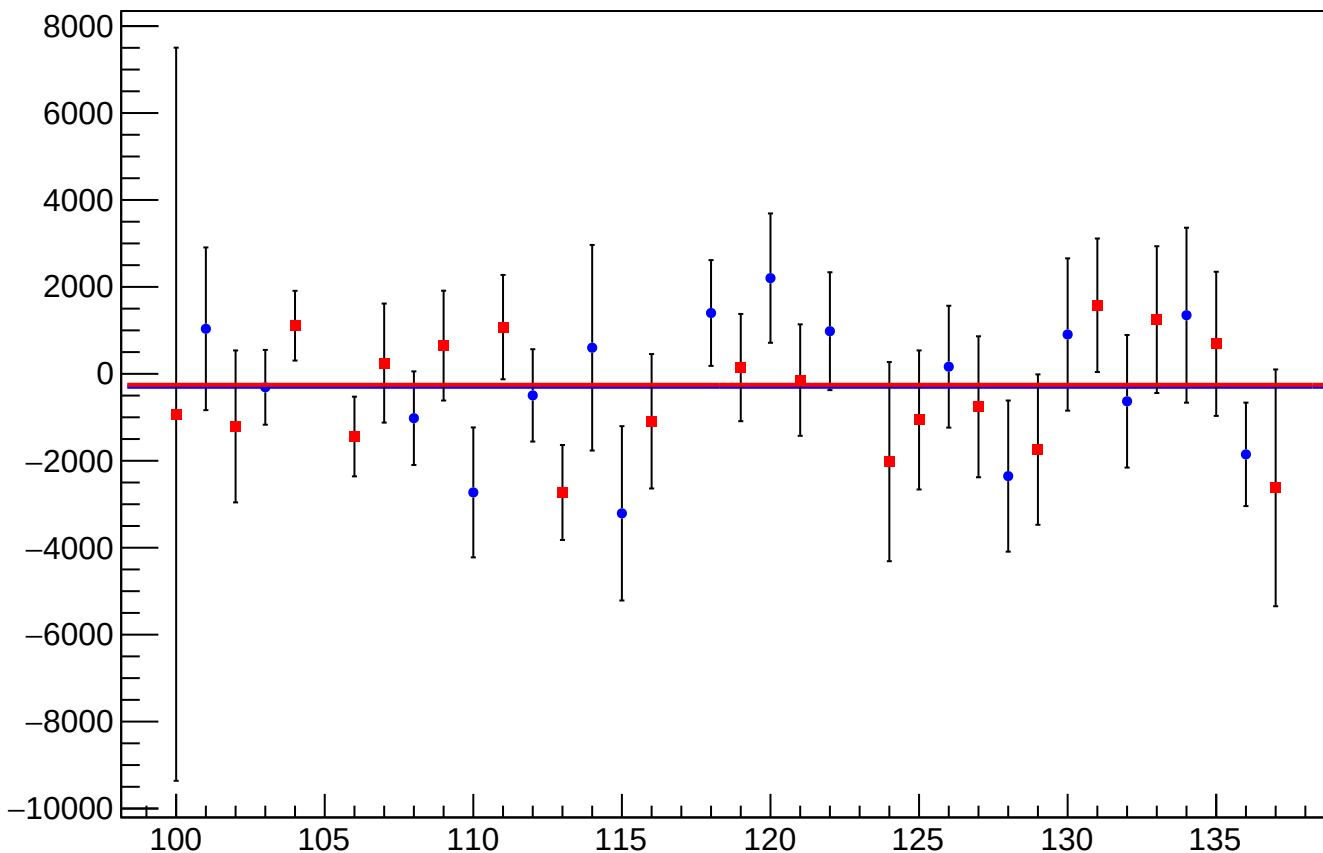
Right: 1650.510+/-0.310 χ^2/NDF : 803080.3/34

In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1650.510+/-0.310 χ^2/NDF : 803080.3/34

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -251.230+/-315.749 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

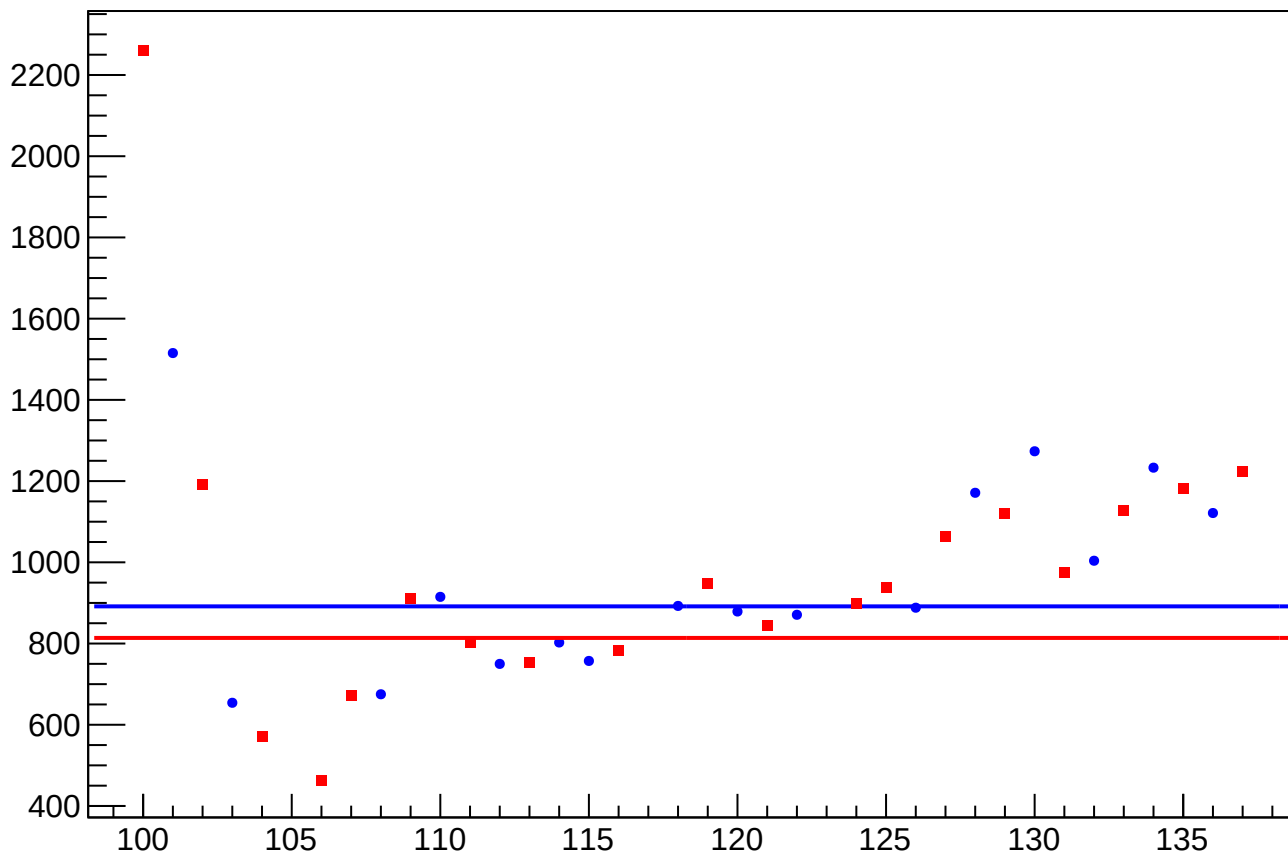
Right: -272.563+/-232.427 χ^2/NDF : 33.2/34

In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -272.563+/-232.427 χ^2/NDF : 33.2/34

asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 813.807+/-0.223 χ^2/NDF : 1052991.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

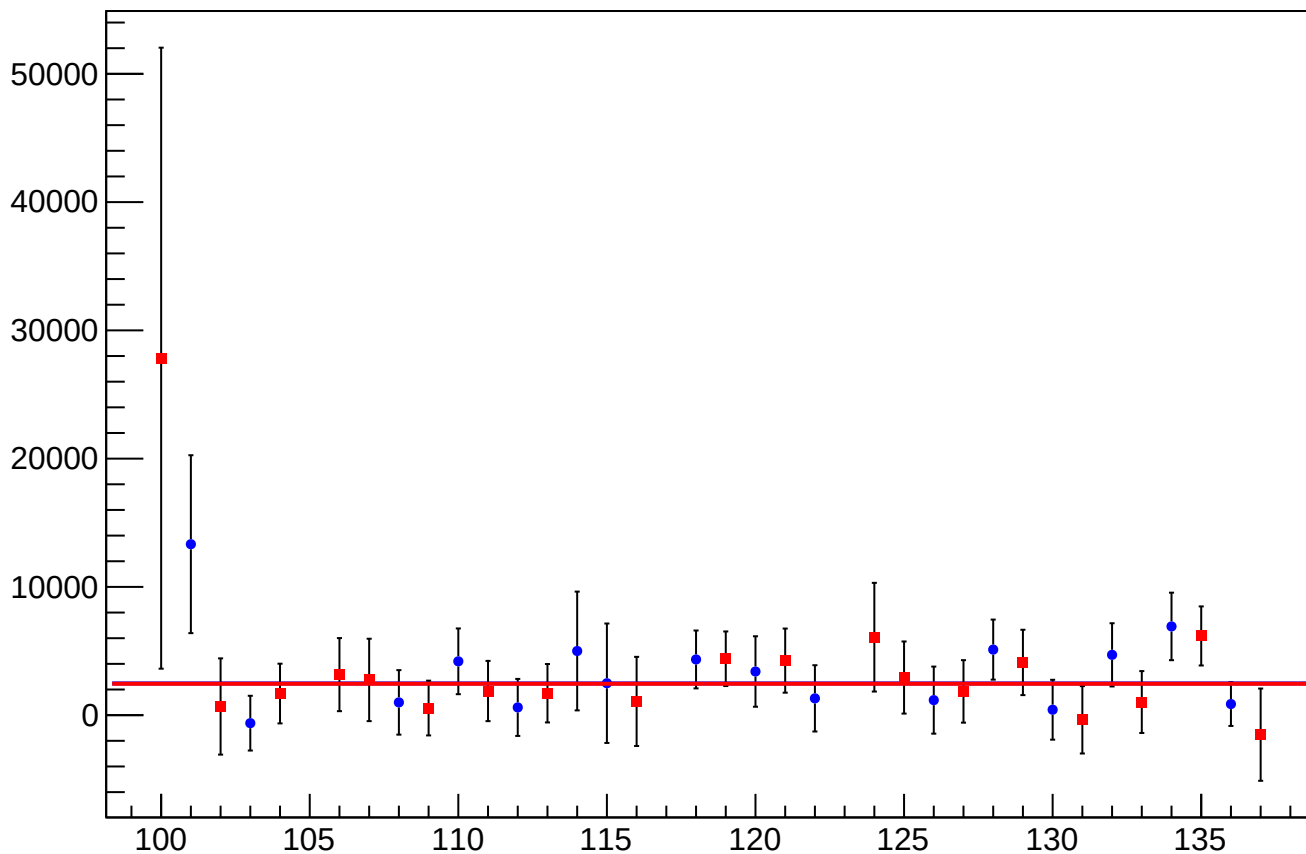
Right: 849.416+/-0.164 χ^2/NDF : 1902171.7/34

In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 849.416+/-0.164 χ^2/NDF : 1902171.7/34

dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2475.229+/-633.866 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.053+/-617.532 χ^2/NDF : 10.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

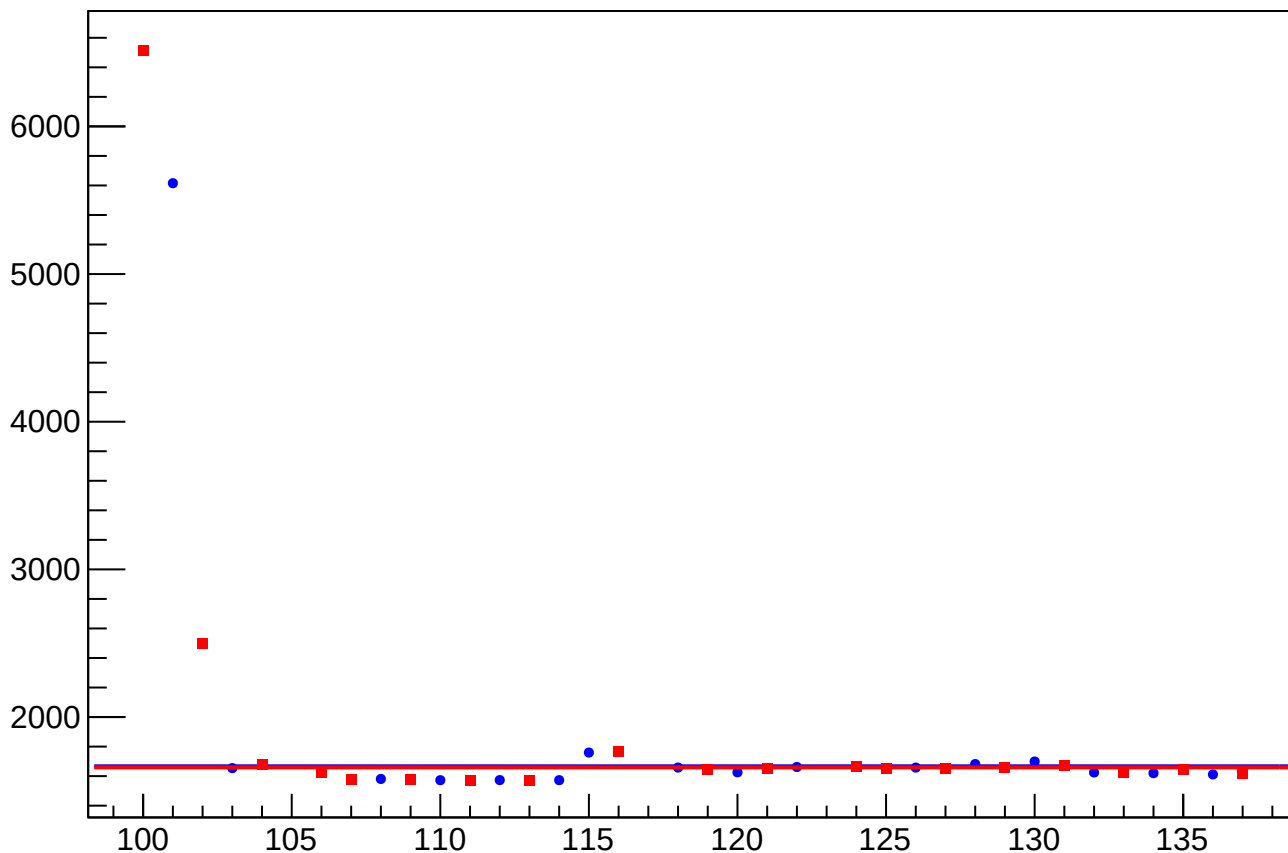
Right: 2461.799+/-442.323 χ^2/NDF : 24.8/34

In: 2475.229+/-633.866 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.799+/-442.323 χ^2/NDF : 24.8/34

dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1659.005+/-0.437 χ^2/NDF : 193223.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

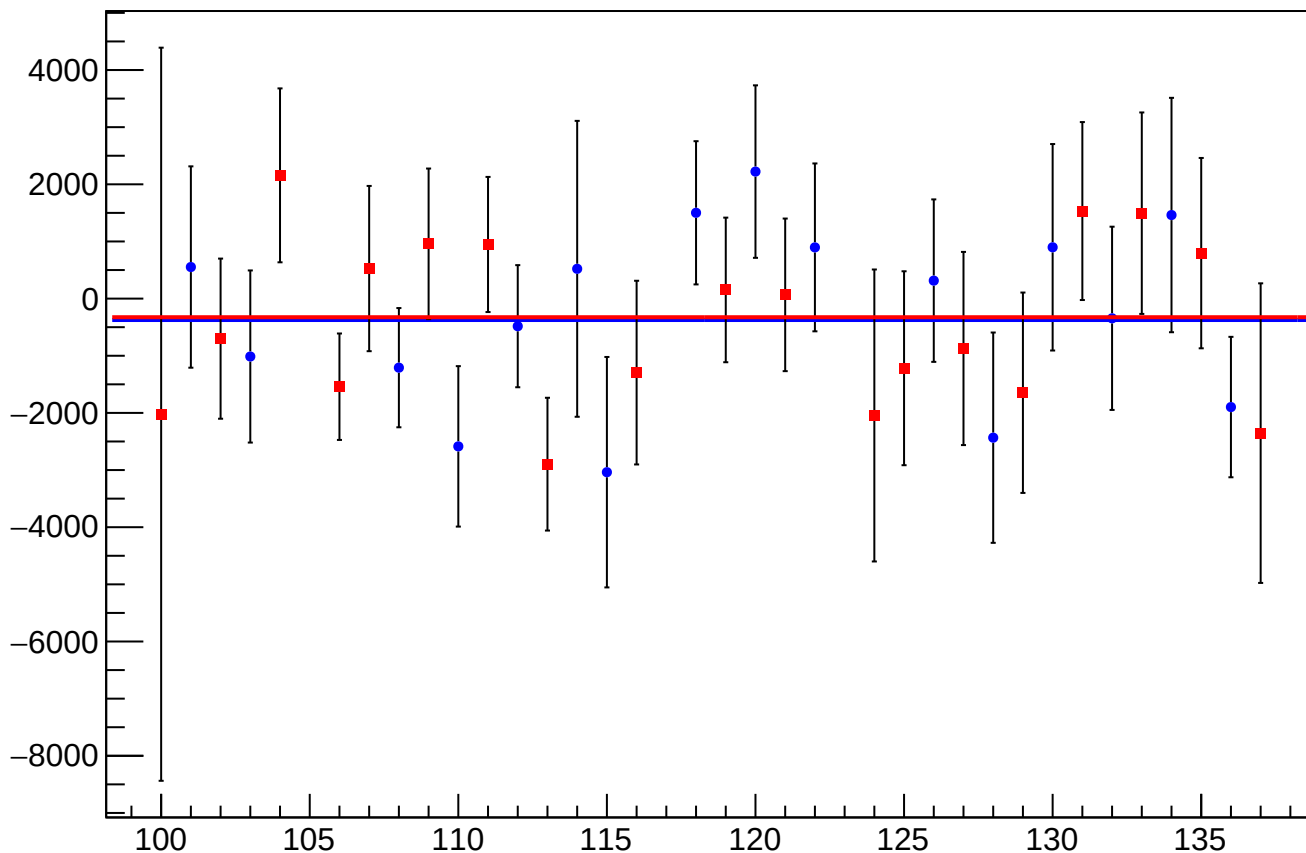
Right: 1662.606+/-0.313 χ^2/NDF : 856277.9/34

In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.606+/-0.313 χ^2/NDF : 856277.9/34

asym_usr_atr1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -374.592+/-367.944 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -325.671+/-340.620 χ^2/NDF : 17.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

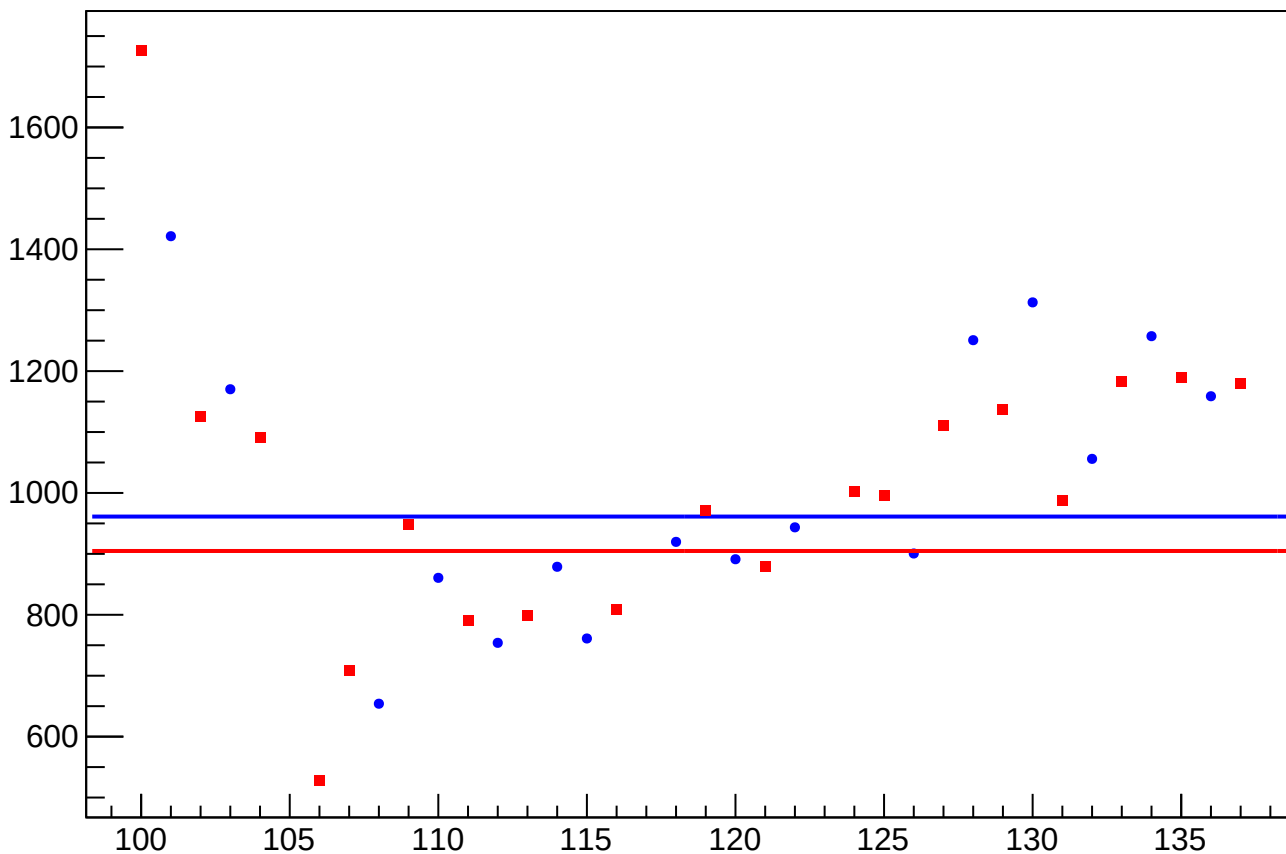
Right: -348.248+/-249.957 χ^2/NDF : 33.1/34

In: -374.592+/-367.944 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.248+/-249.957 χ^2/NDF : 33.1/34

asym_usr_atr1_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 961.243+/-0.260 χ^2/NDF : 691875.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 904.736+/-0.241 χ^2/NDF : 736484.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

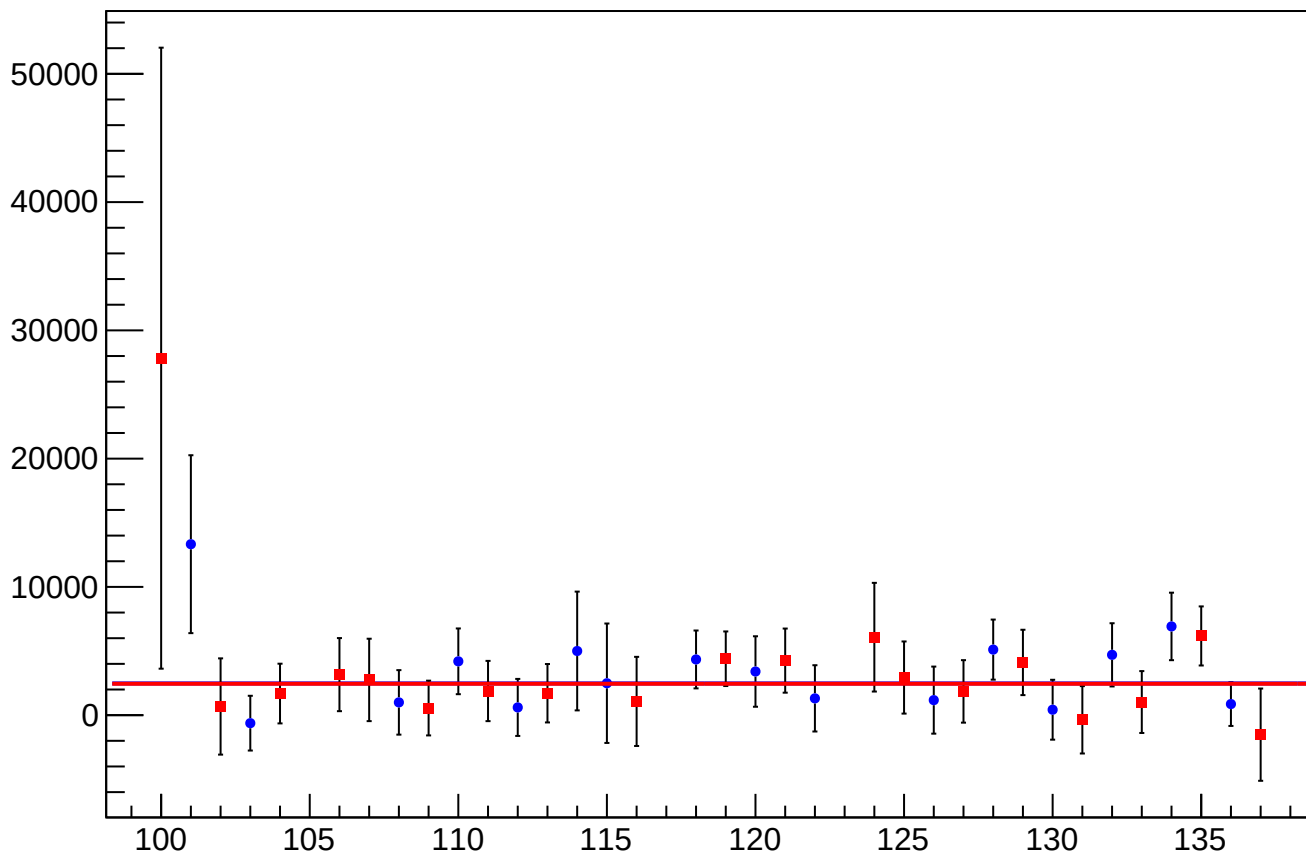
Right: 930.814+/-0.177 χ^2/NDF : 1453761.0/34

In: 961.243+/-0.260 χ^2/NDF : 691875.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.814+/-0.177 χ^2/NDF : 1453761.0/34

eigen_dit_asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2475.228+/-633.866 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2449.053+/-617.532 χ^2/NDF : 10.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

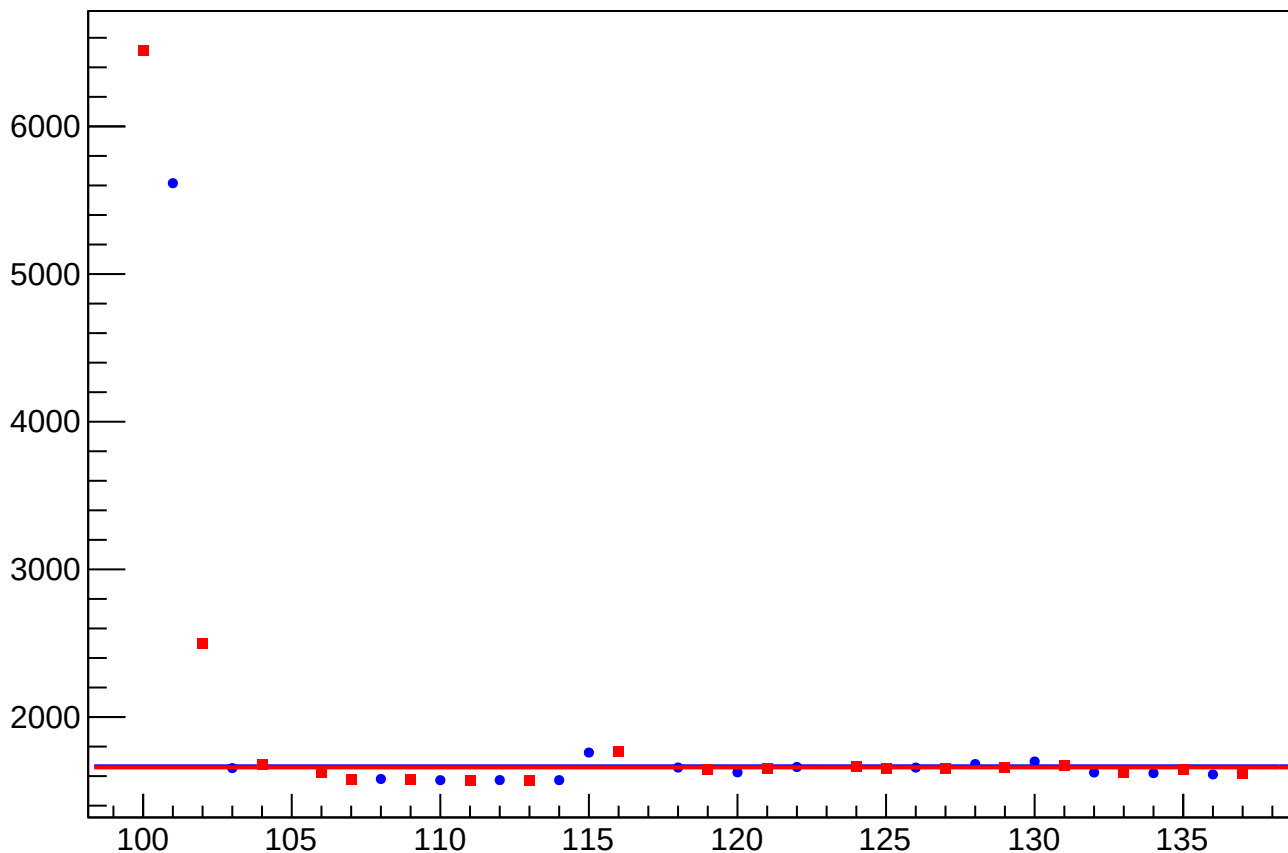
Right: 2461.799+/-442.323 χ^2/NDF : 24.8/34

In: 2475.228+/-633.866 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2461.799+/-442.323 χ^2/NDF : 24.8/34

eigen_dit_asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1659.004+/-0.437 χ^2/NDF : 193223.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

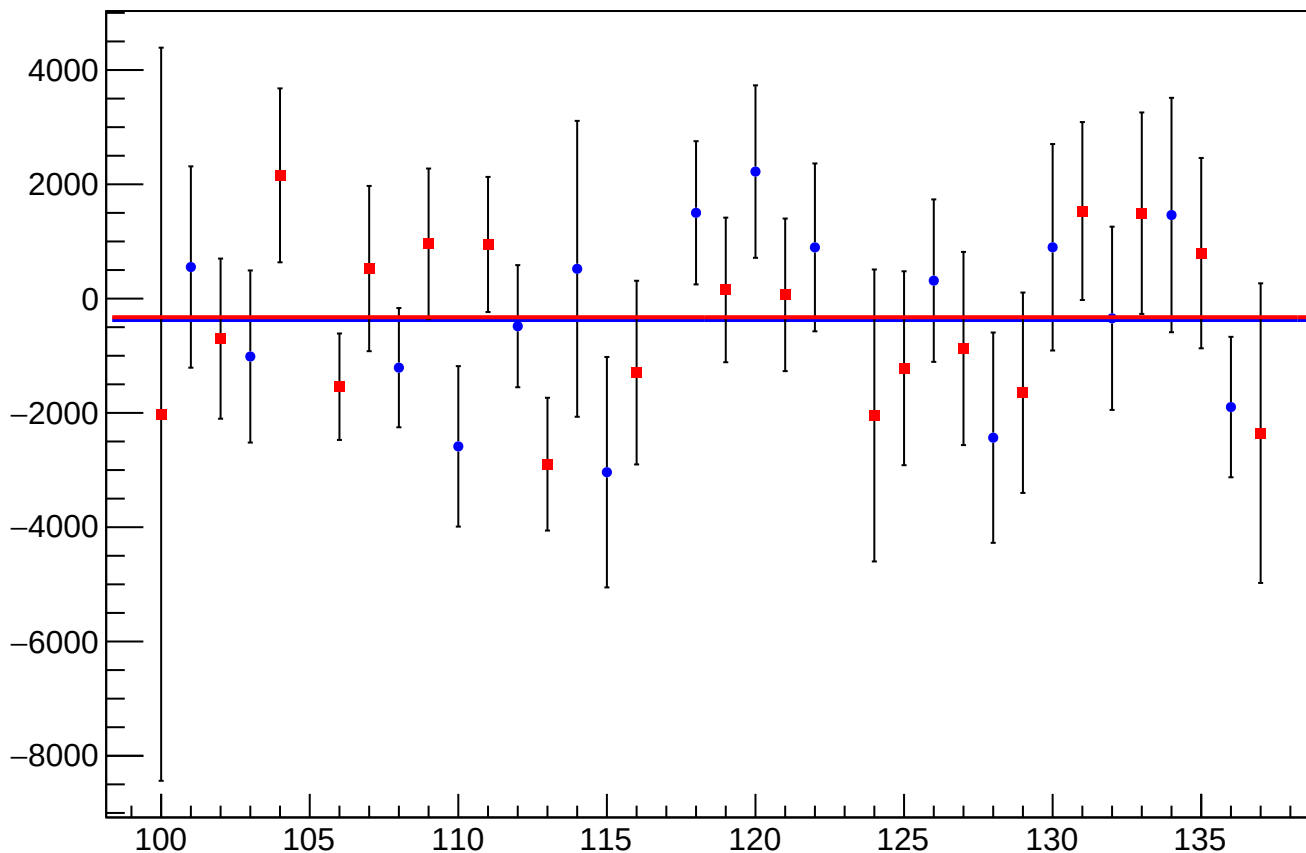
Right: 1662.606+/-0.313 χ^2/NDF : 856277.7/34

In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1662.606+/-0.313 χ^2/NDF : 856277.7/34

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -374.590+/-367.943 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -325.670+/-340.619 χ^2/NDF : 17.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

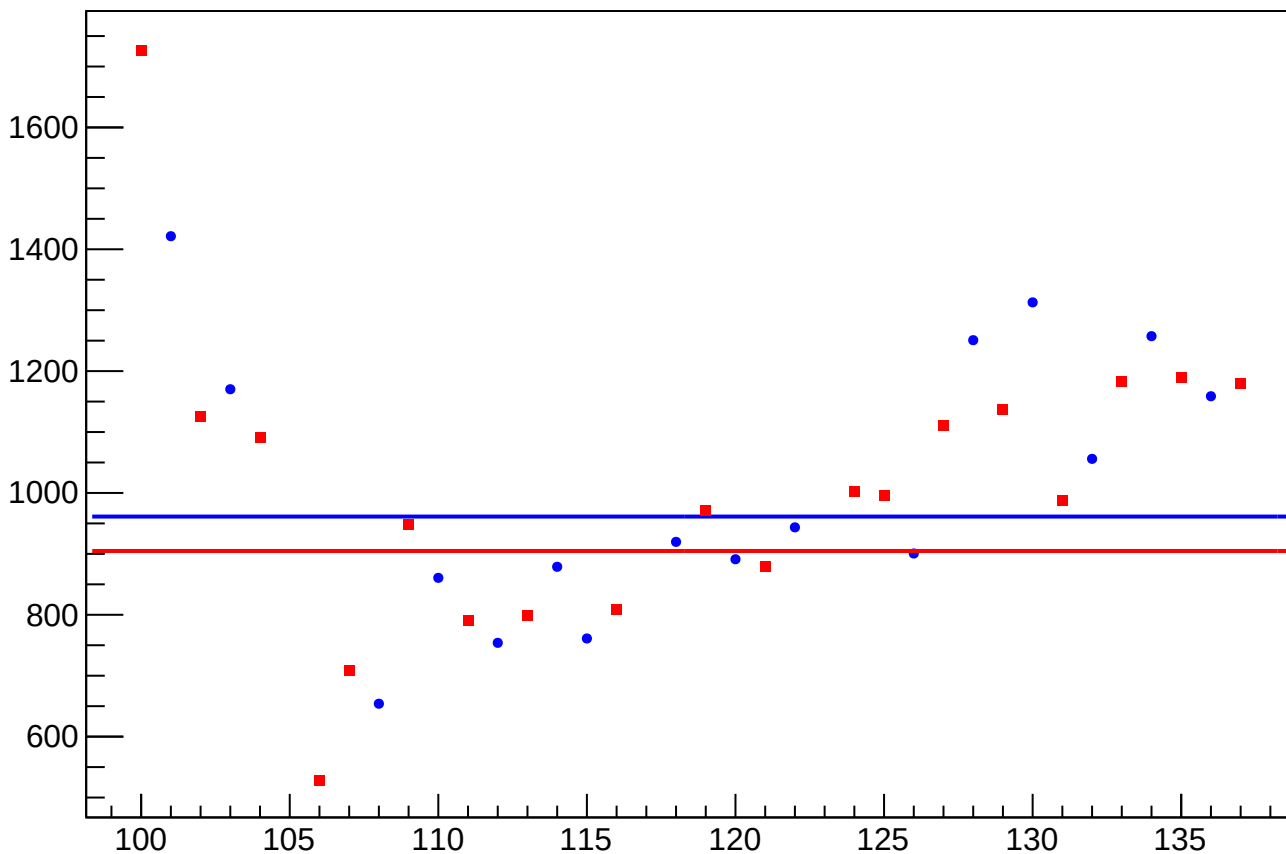
Right: -348.247+/-249.956 χ^2/NDF : 33.1/34

In: -374.590+/-367.943 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -348.247+/-249.956 χ^2/NDF : 33.1/34

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 961.239+/-0.260 χ^2/NDF : 691883.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 904.734+/-0.241 χ^2/NDF : 736482.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

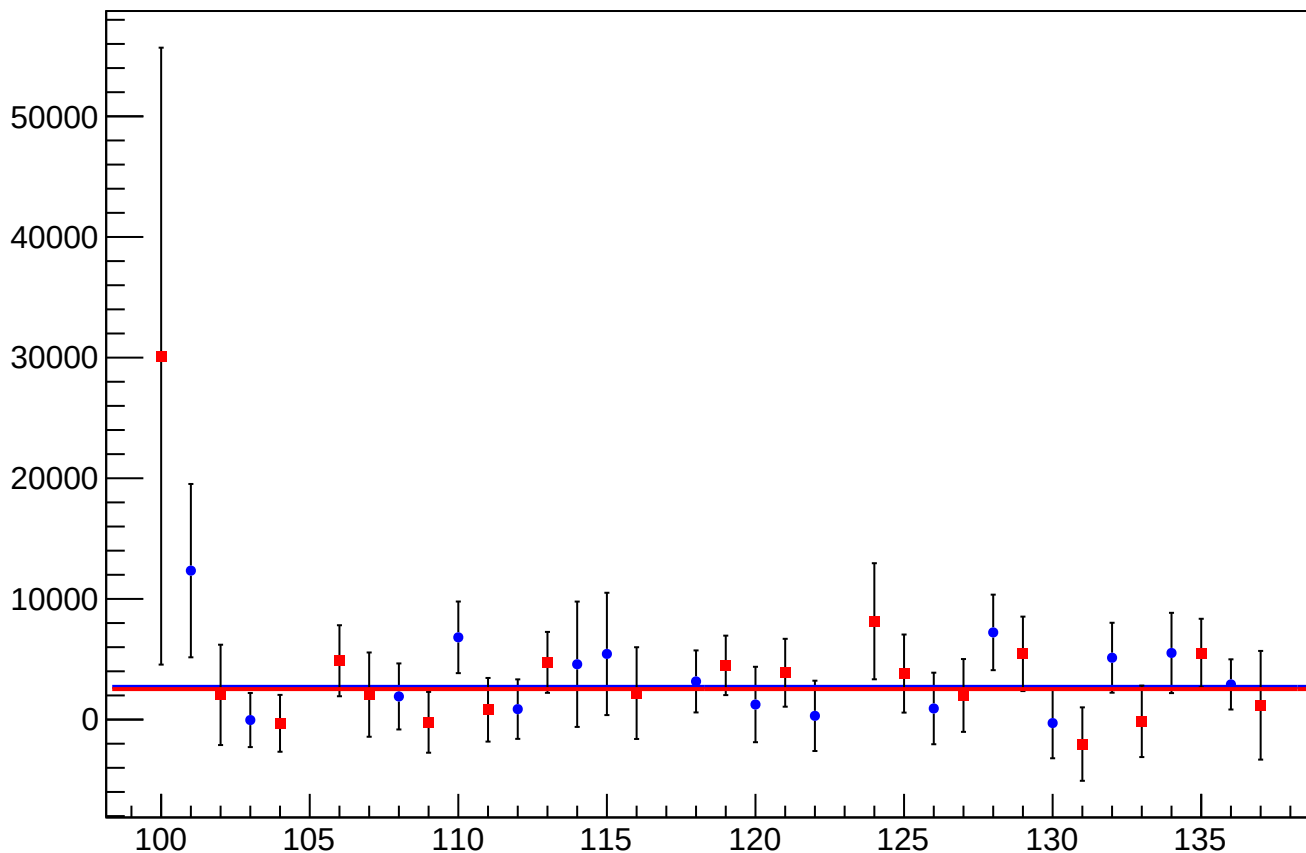
Right: 930.811+/-0.177 χ^2/NDF : 1453765.4/34

In: 961.239+/-0.260 χ^2/NDF : 691883.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.811+/-0.177 χ^2/NDF : 1453765.4/34

asym_usr_atr1_avg_mean vs Slug, Sign Corrected



Right In: 2711.394+/-735.088 χ^2/NDF : 12.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2525.536+/-706.449 χ^2/NDF : 13.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

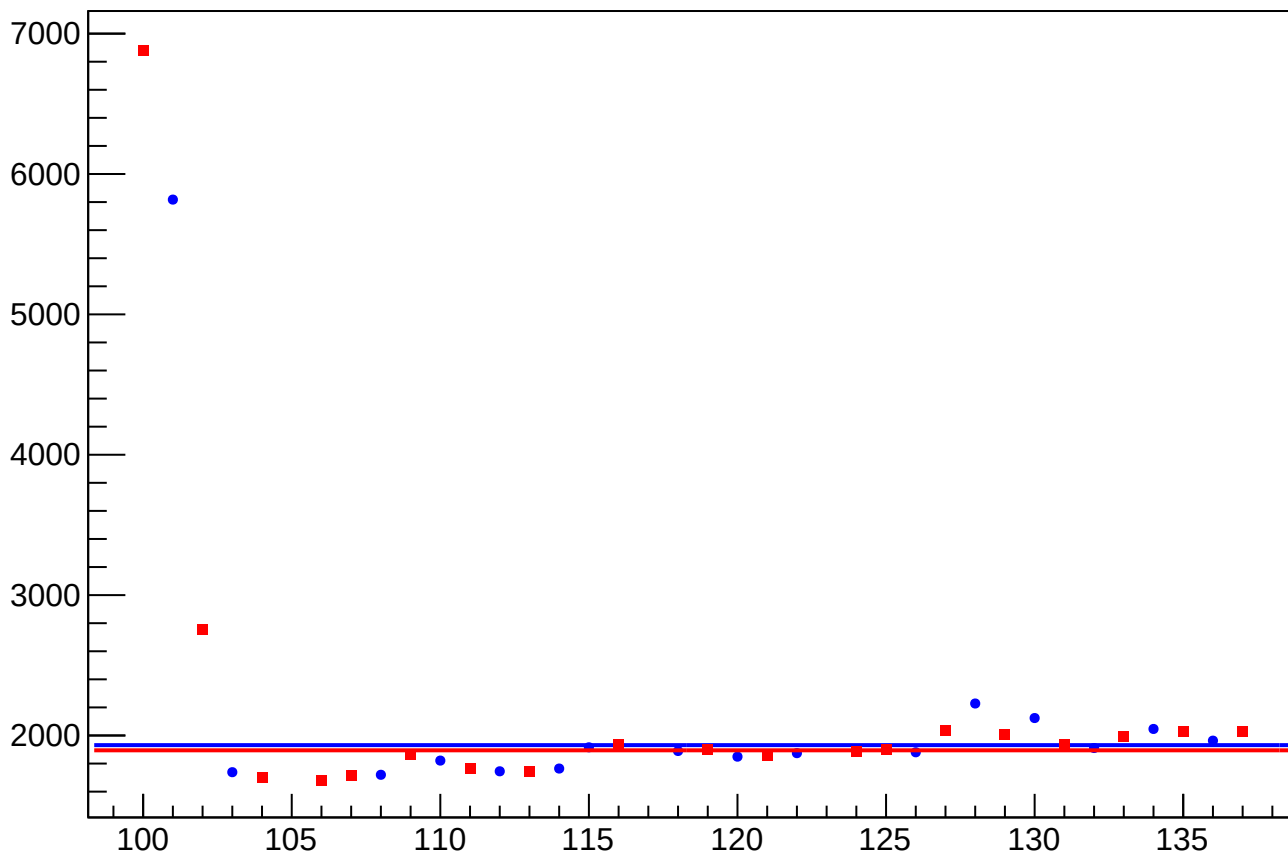
Right: 2614.774+/-509.359 χ^2/NDF : 25.4/34

In: 2711.394+/-735.088 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2614.774+/-509.359 χ^2/NDF : 25.4/34

asym_usr_atr1_avg_rms vs Slug, Sign Corrected



Right In: 1931.250+/-0.520 χ^2/NDF : 661227.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.349+/-0.500 χ^2/NDF : 220541.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

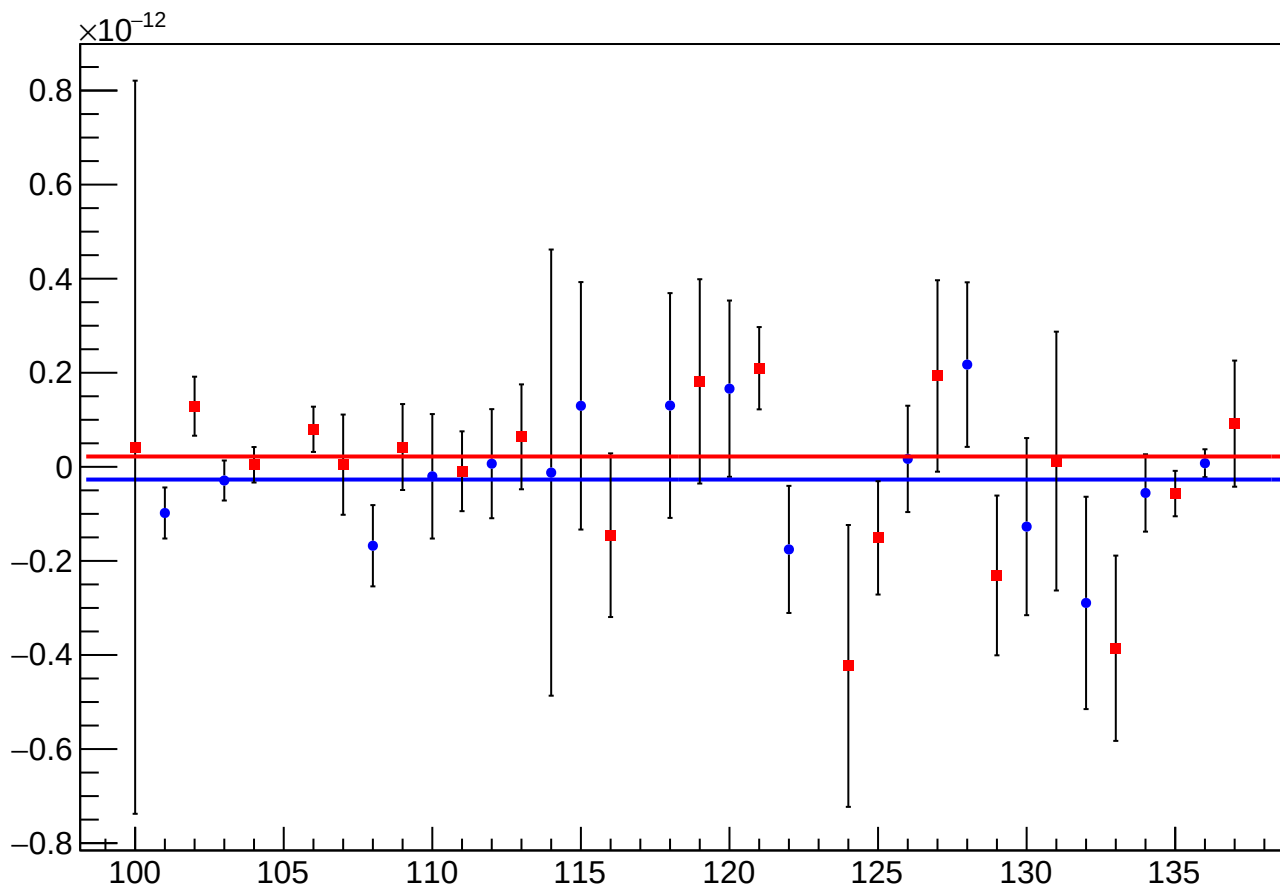
Right: 1912.067+/-0.360 χ^2/NDF : 884388.3/34

In: 1931.250+/-0.520 χ^2/NDF : 661227.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1912.067+/-0.360 χ^2/NDF : 884388.3/34

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

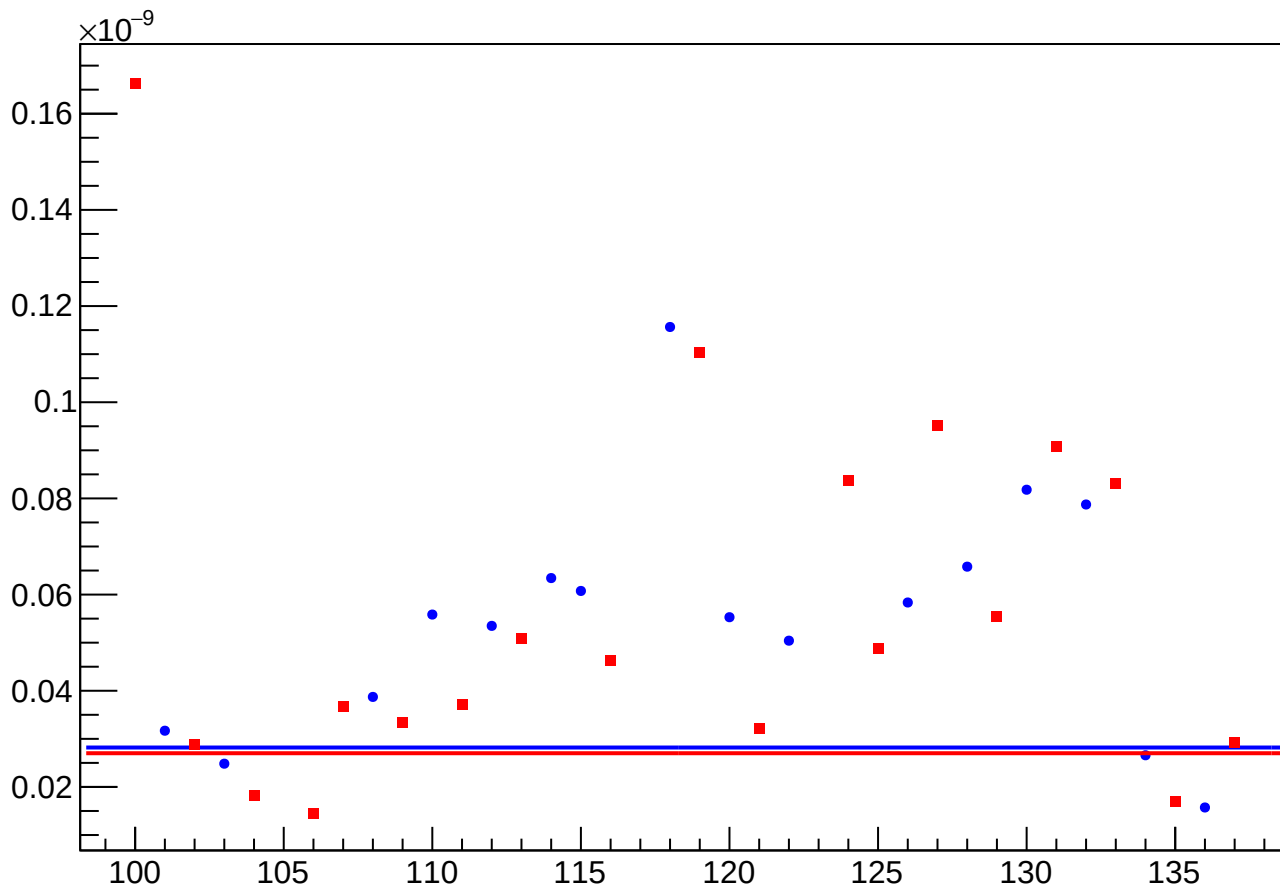
Right: -0.000+/-0.000 χ^2/NDF : 41.4/34

In: -0.000+/-0.000 χ^2/NDF : 12.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.4/34

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1490571.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1556165.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

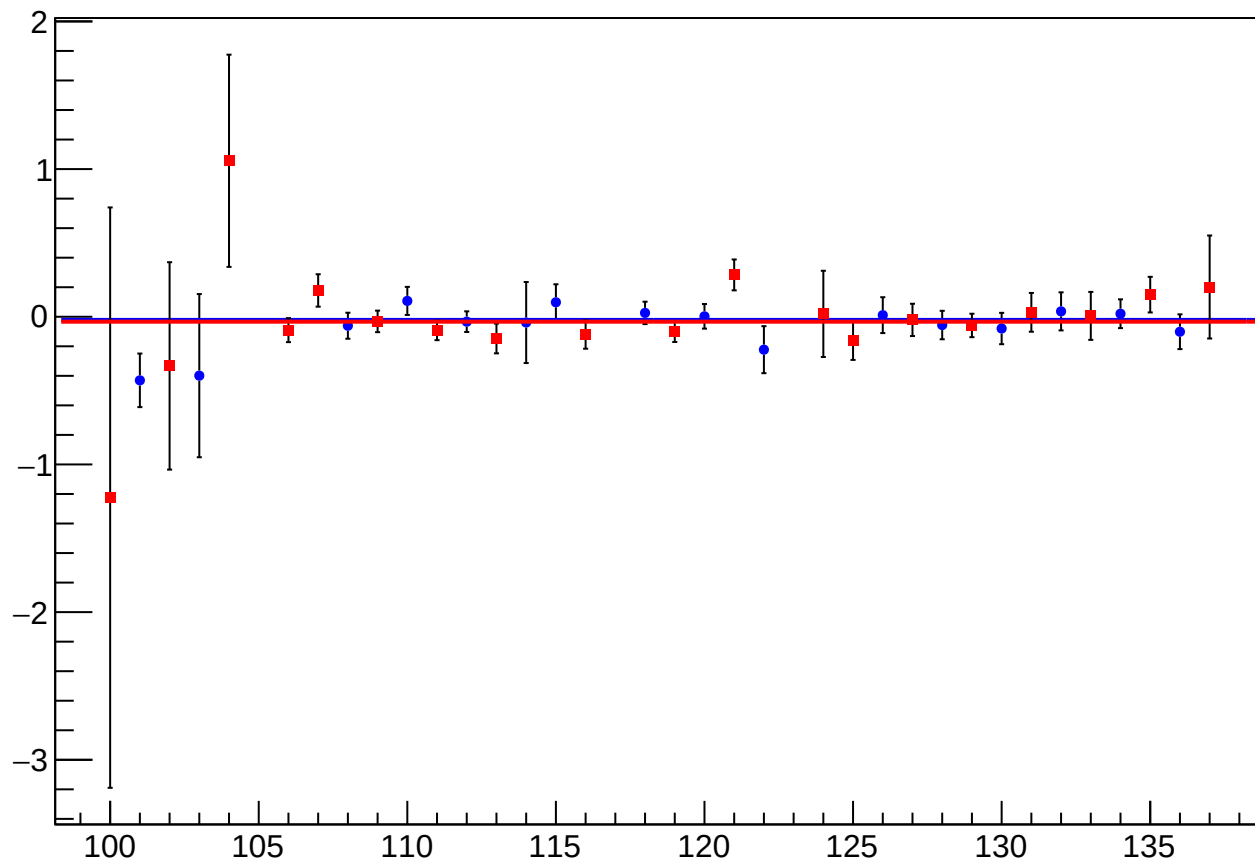
Right: 0.000+/-0.000 χ^2/NDF : 3050538.0/34

In: 0.000+/-0.000 χ^2/NDF : 1490571.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3050538.0/34

asym_usr_atr1_avg_dit_vs_Slug, Sign Corrected



Right In: -0.021 ± 0.027 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.025 χ^2/NDF : 24.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

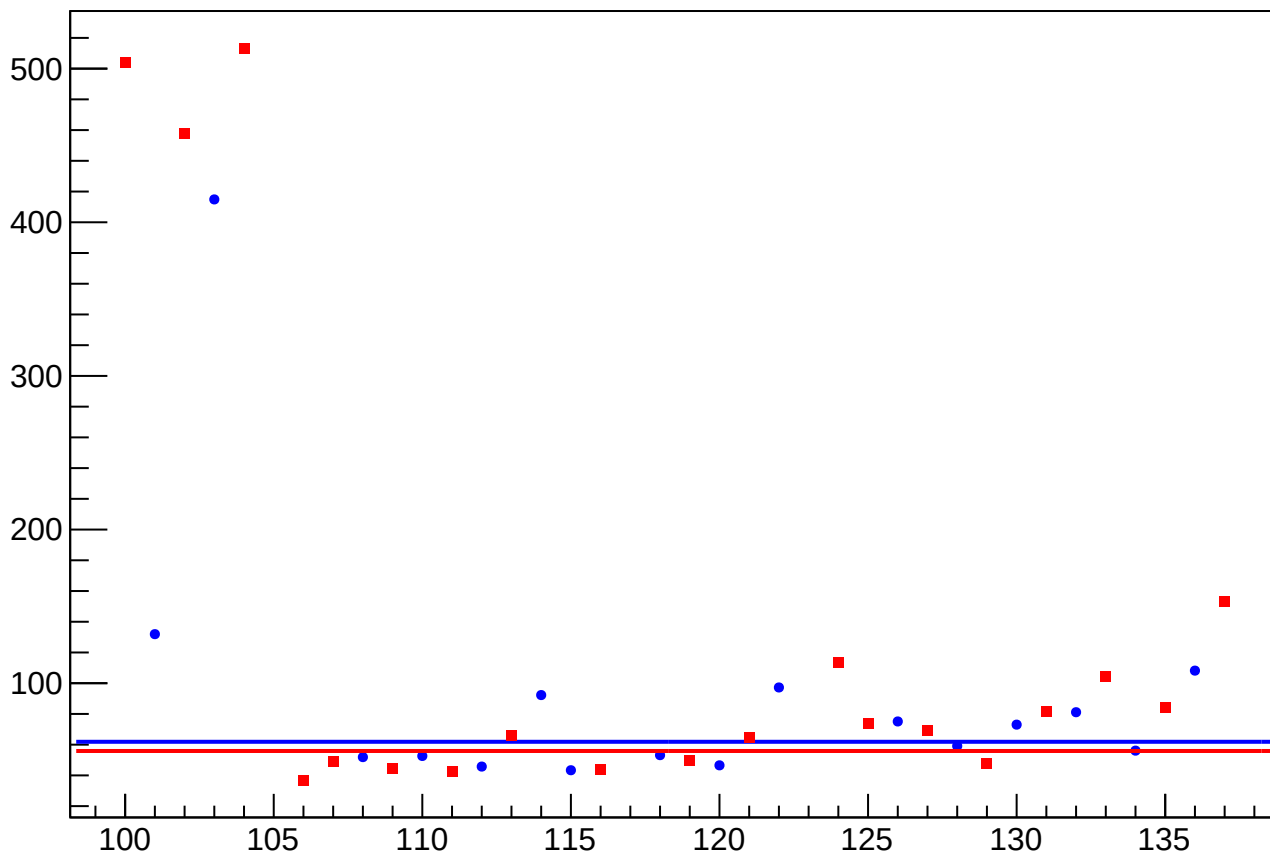
Right: -0.028 ± 0.018 χ^2/NDF : 36.5/34

In: -0.021 ± 0.027 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.018 χ^2/NDF : 36.5/34

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.887+/-0.017 χ^2/NDF : 2591275.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

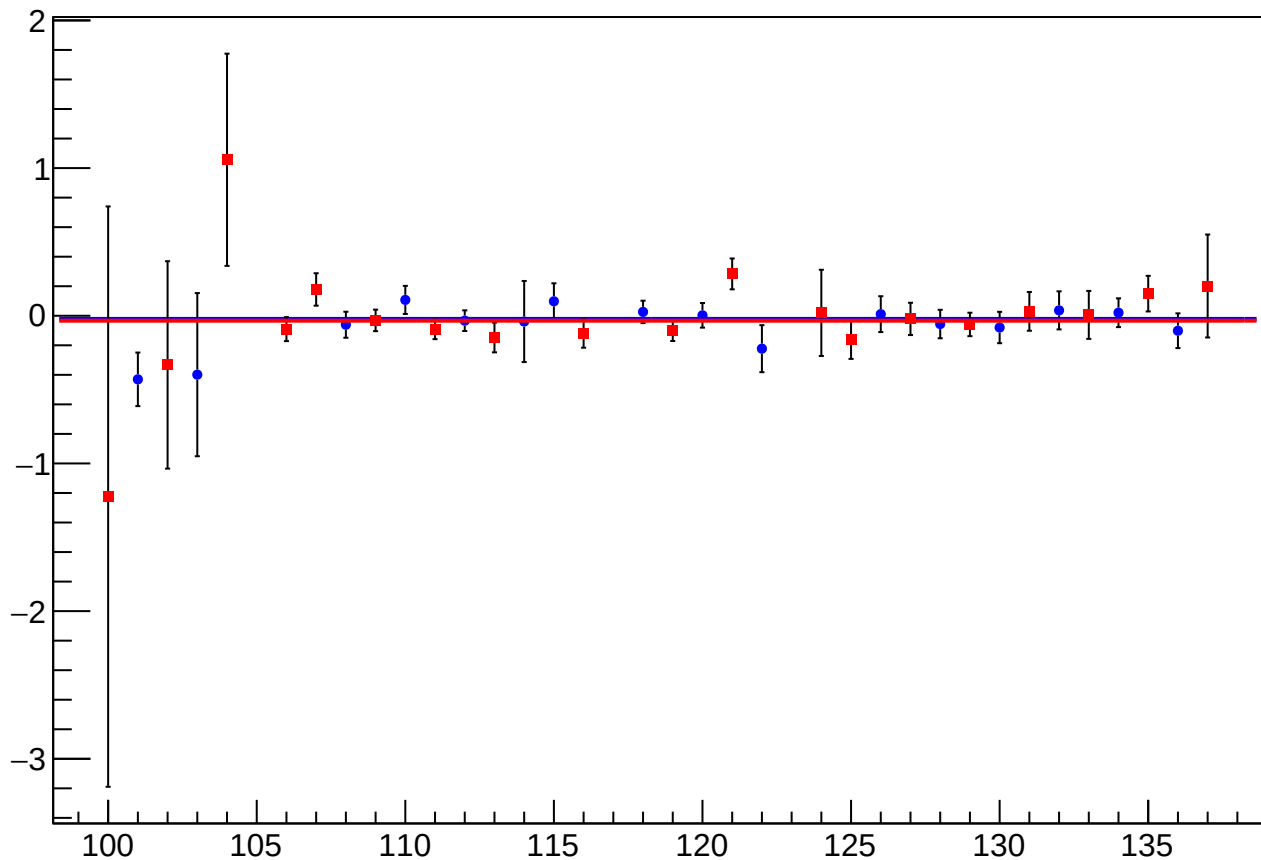
Right: 58.651+/-0.013 χ^2/NDF : 4584001.9/34

In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.651+/-0.013 χ^2/NDF : 4584001.9/34

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.027 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.033 ± 0.025 χ^2/NDF : 24.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

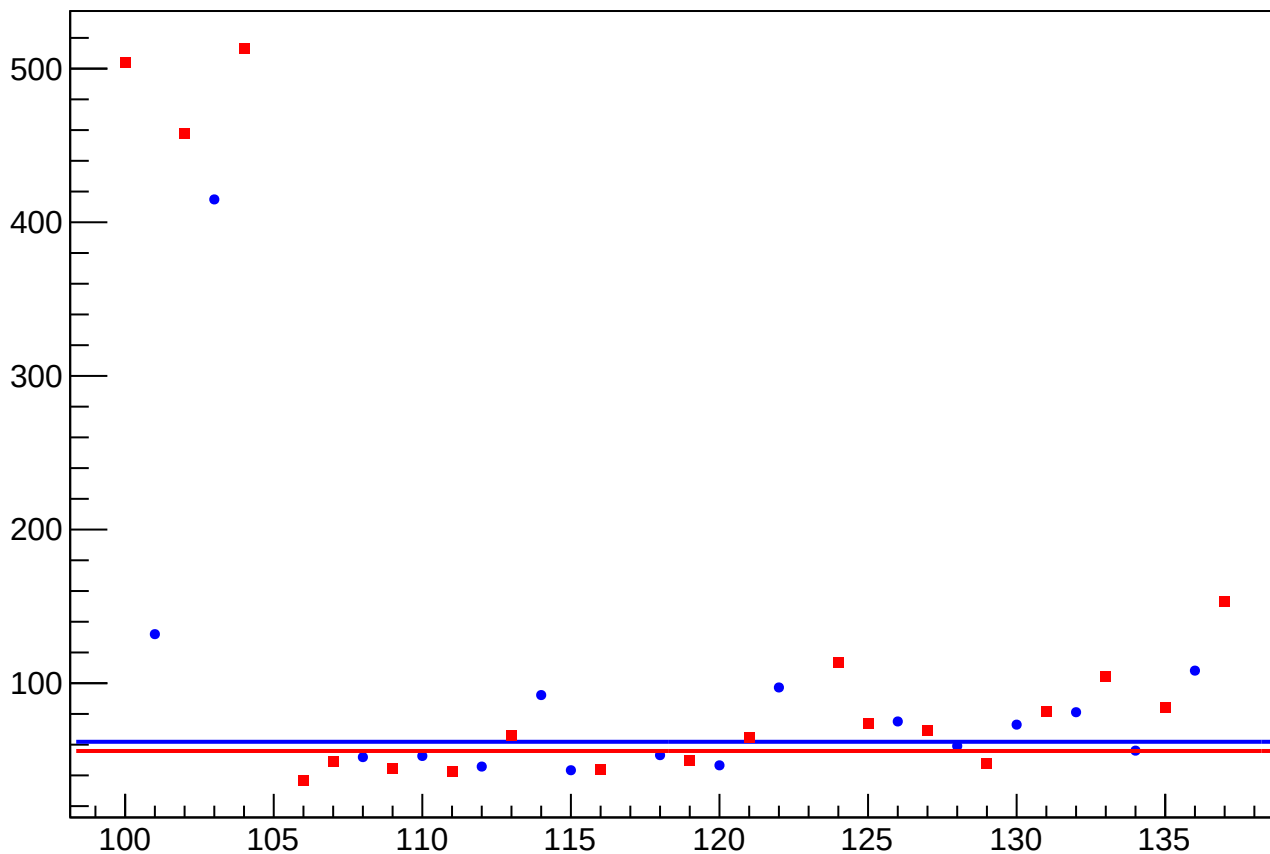
Right: -0.028 ± 0.018 χ^2/NDF : 36.5/34

In: -0.021 ± 0.027 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.018 χ^2/NDF : 36.5/34

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.887+/-0.017 χ^2/NDF : 2591275.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

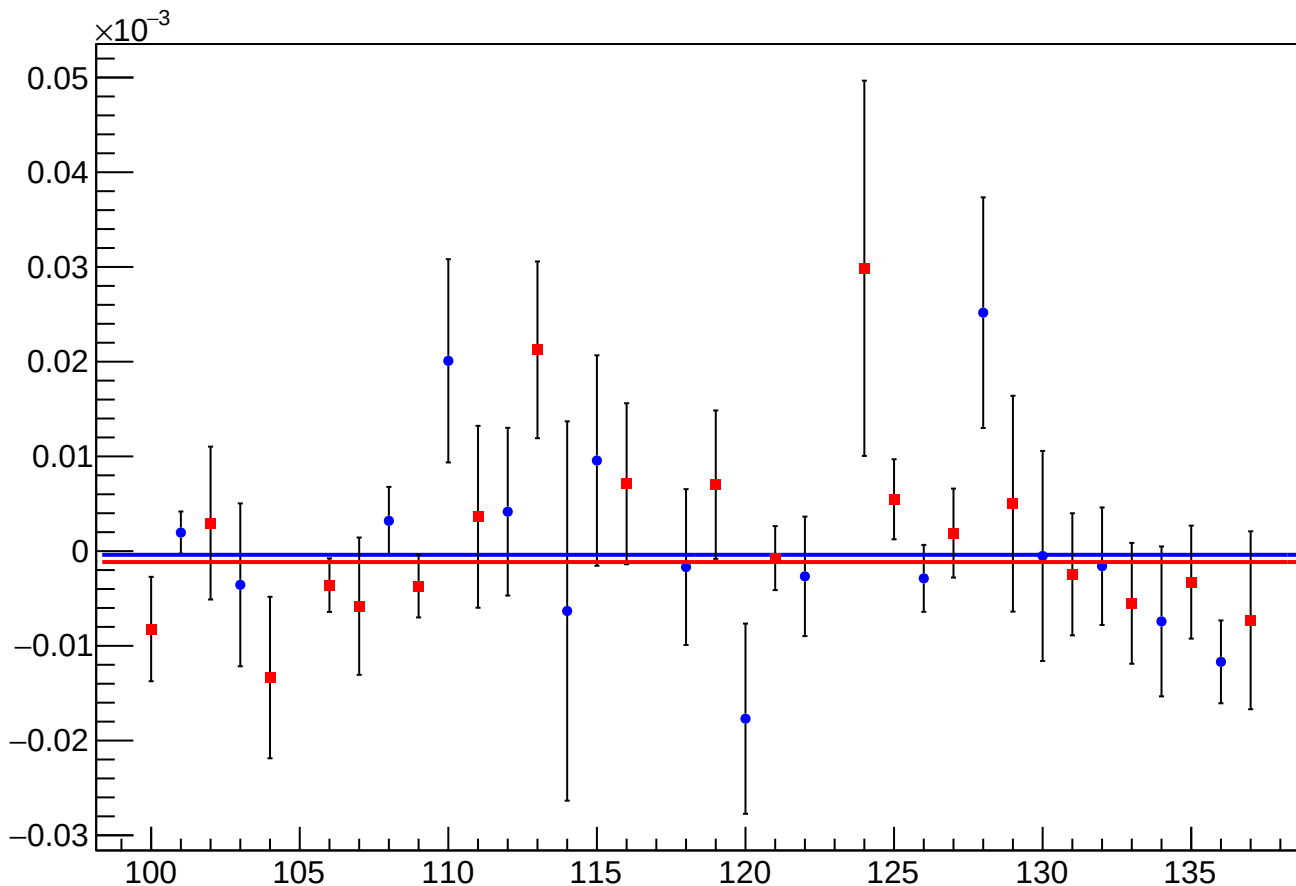
Right: 58.651+/-0.013 χ^2/NDF : 4584001.9/34

In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.651+/-0.013 χ^2/NDF : 4584001.9/34

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

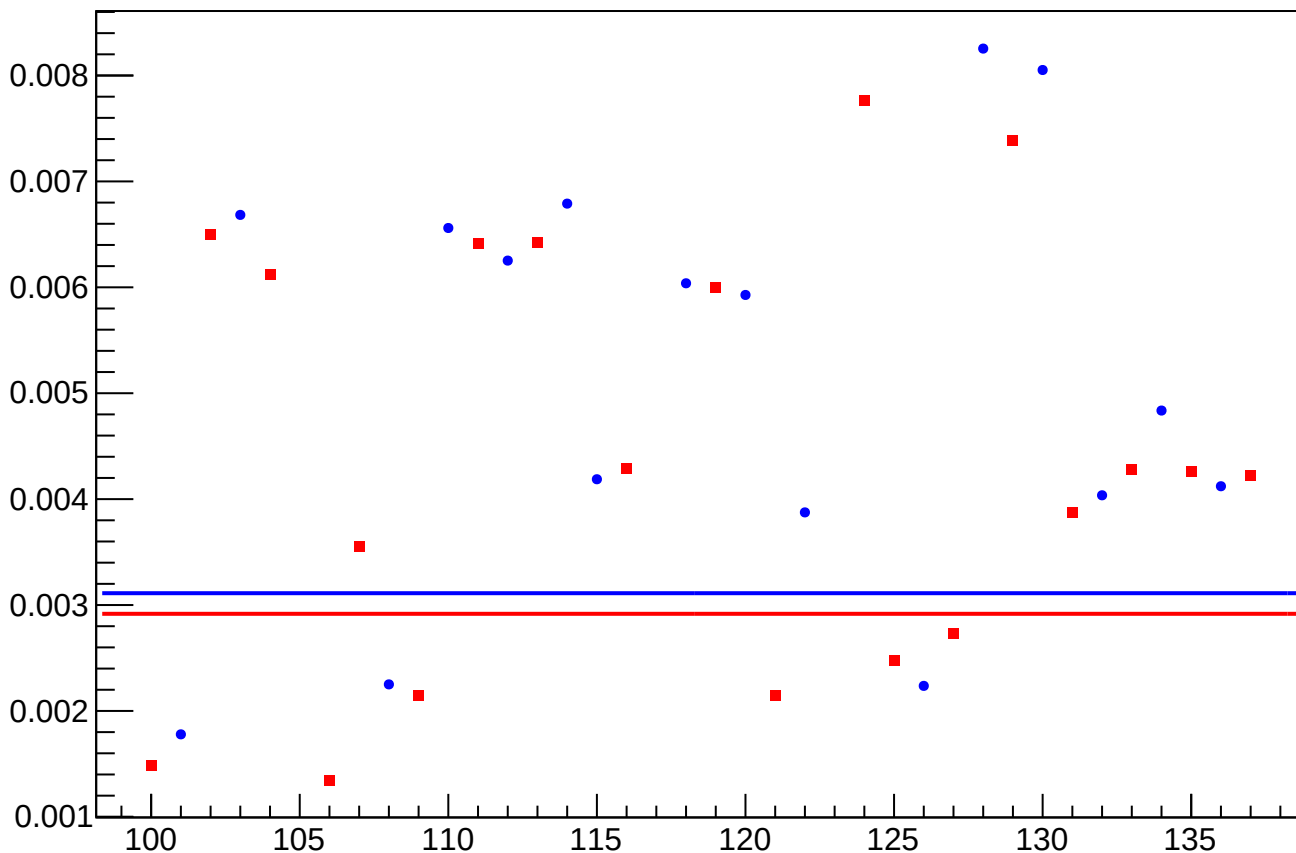
Right: -0.000+/-0.000 χ^2/NDF : 43.2/34

In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.2/34

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 3283915.1/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 3295506.1/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 6602078.2/34

In: 0.003+/-0.000

χ^2/NDF : 3283915.1/15

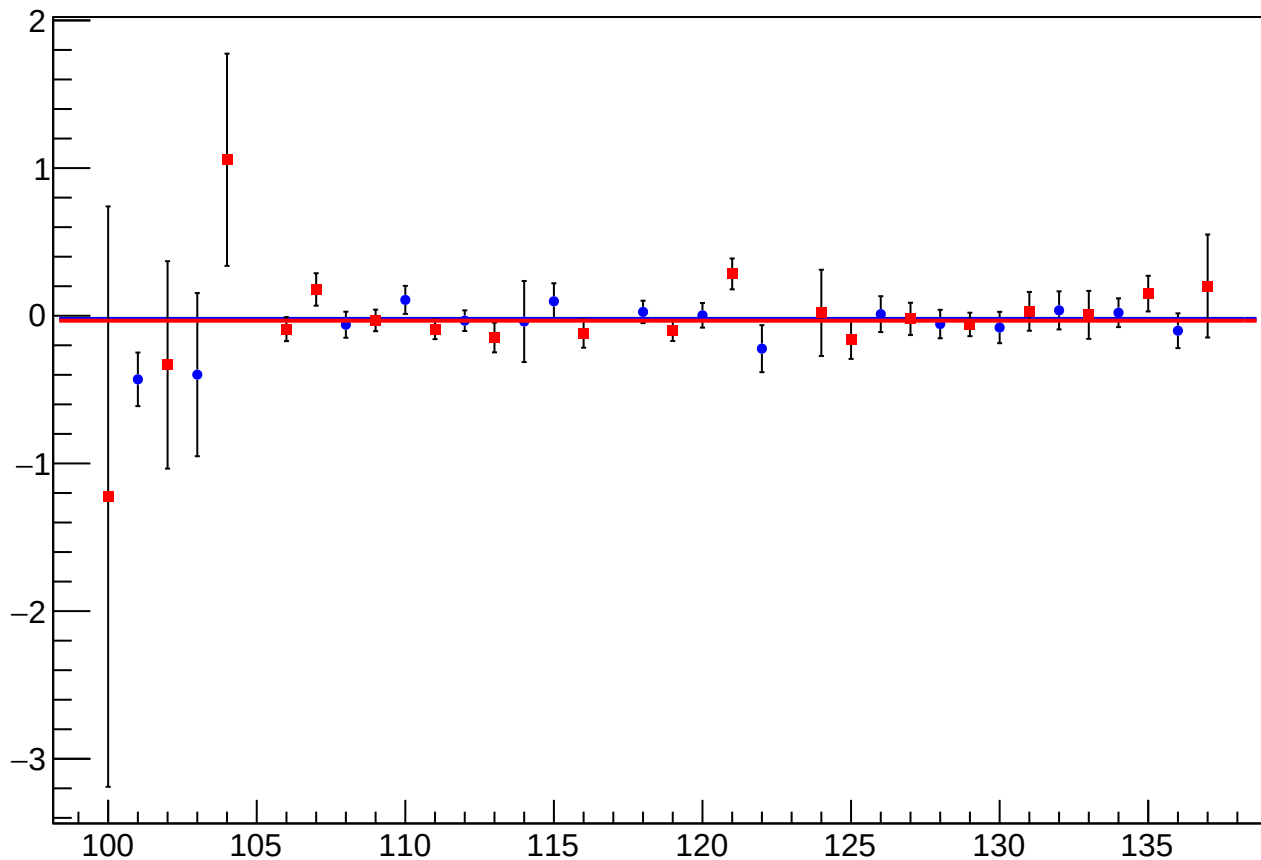
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 6602078.2/34

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.027 χ^2 /NDF: 12.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.033+/-0.025 χ^2 /NDF: 24.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

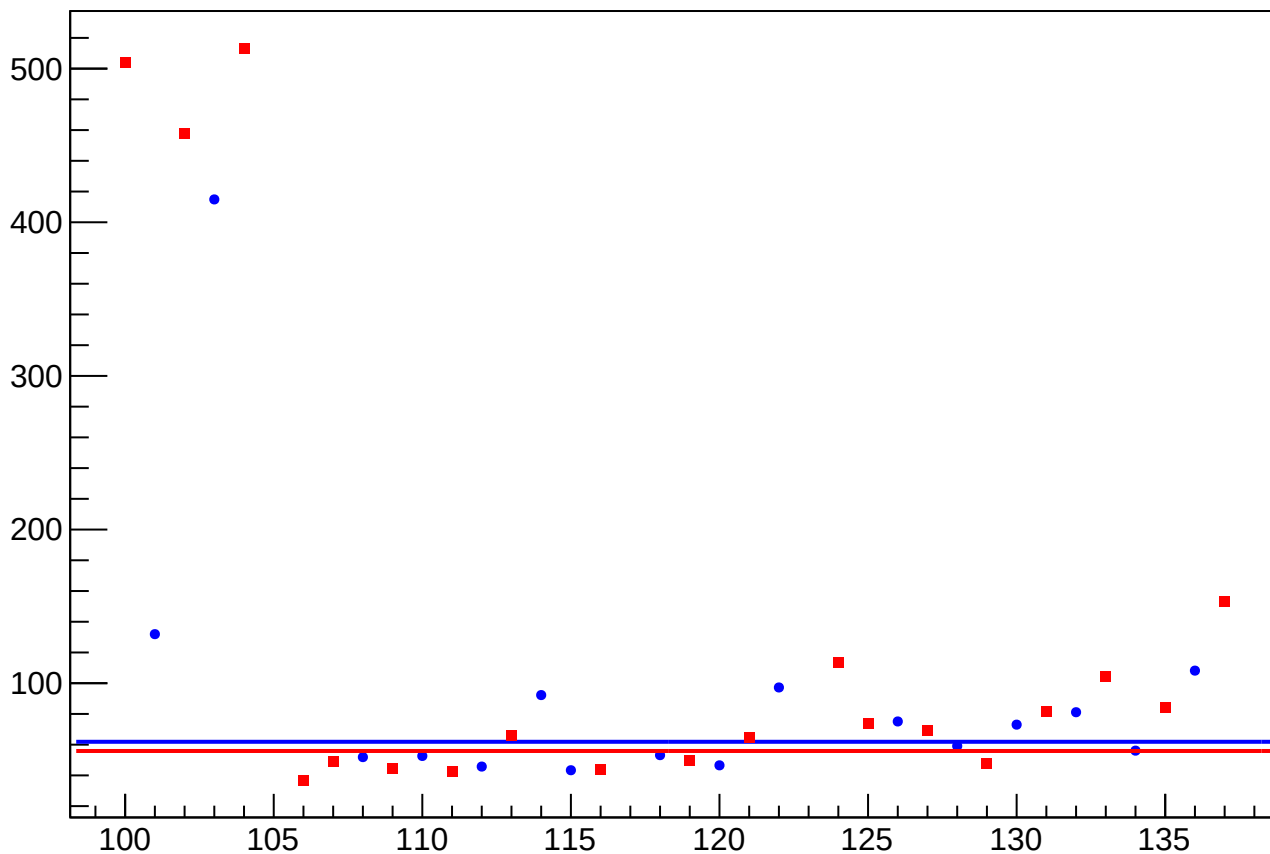
Right: -0.028+/-0.018 χ^2 /NDF: 36.5/34

In: -0.021+/-0.027 χ^2 /NDF:12.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.028+/-0.018 χ^2 /NDF: 36.5/34

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.886+/-0.017 χ^2/NDF : 2591233.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

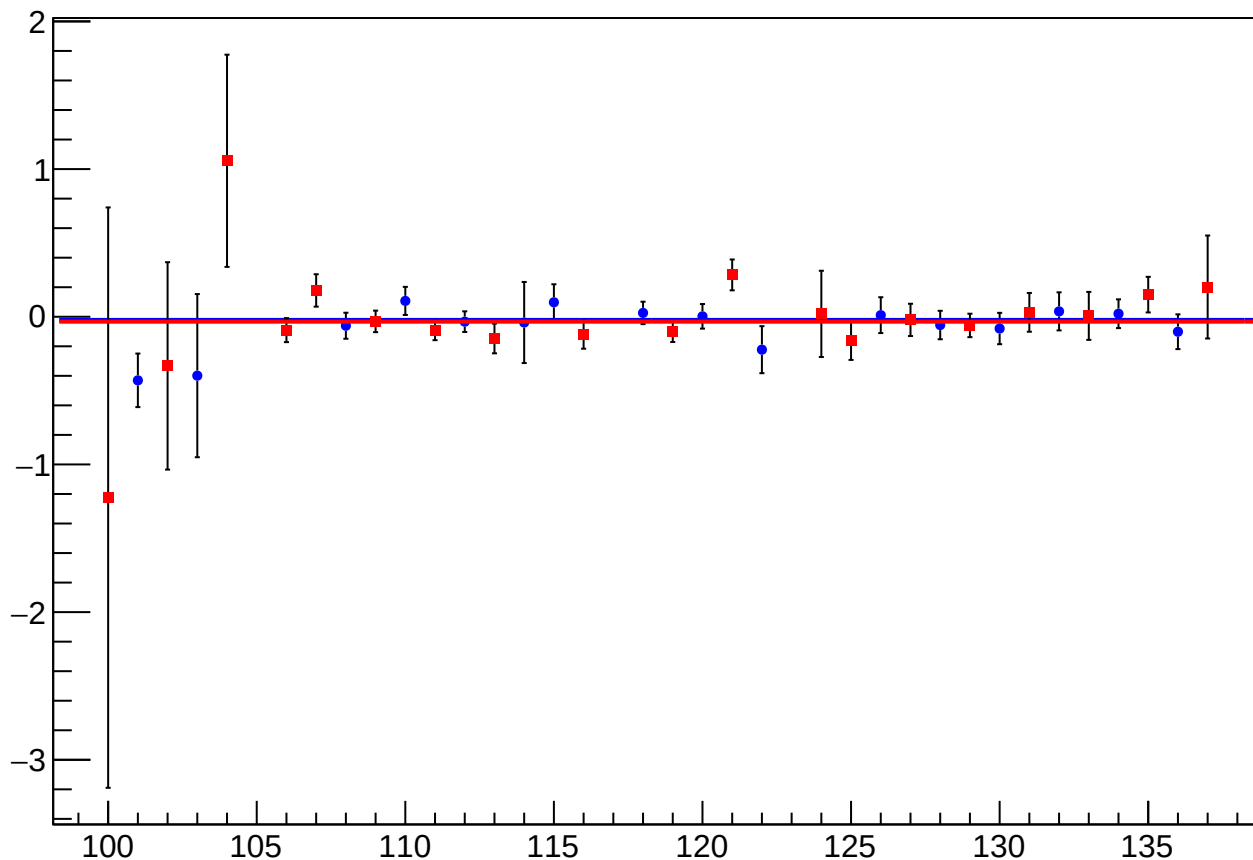
Right: 58.650+/-0.013 χ^2/NDF : 4583914.2/34

In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.650+/-0.013 χ^2/NDF : 4583914.2/34

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021+/-0.027 χ^2 /NDF: 12.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.033+/-0.025 χ^2 /NDF: 24.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

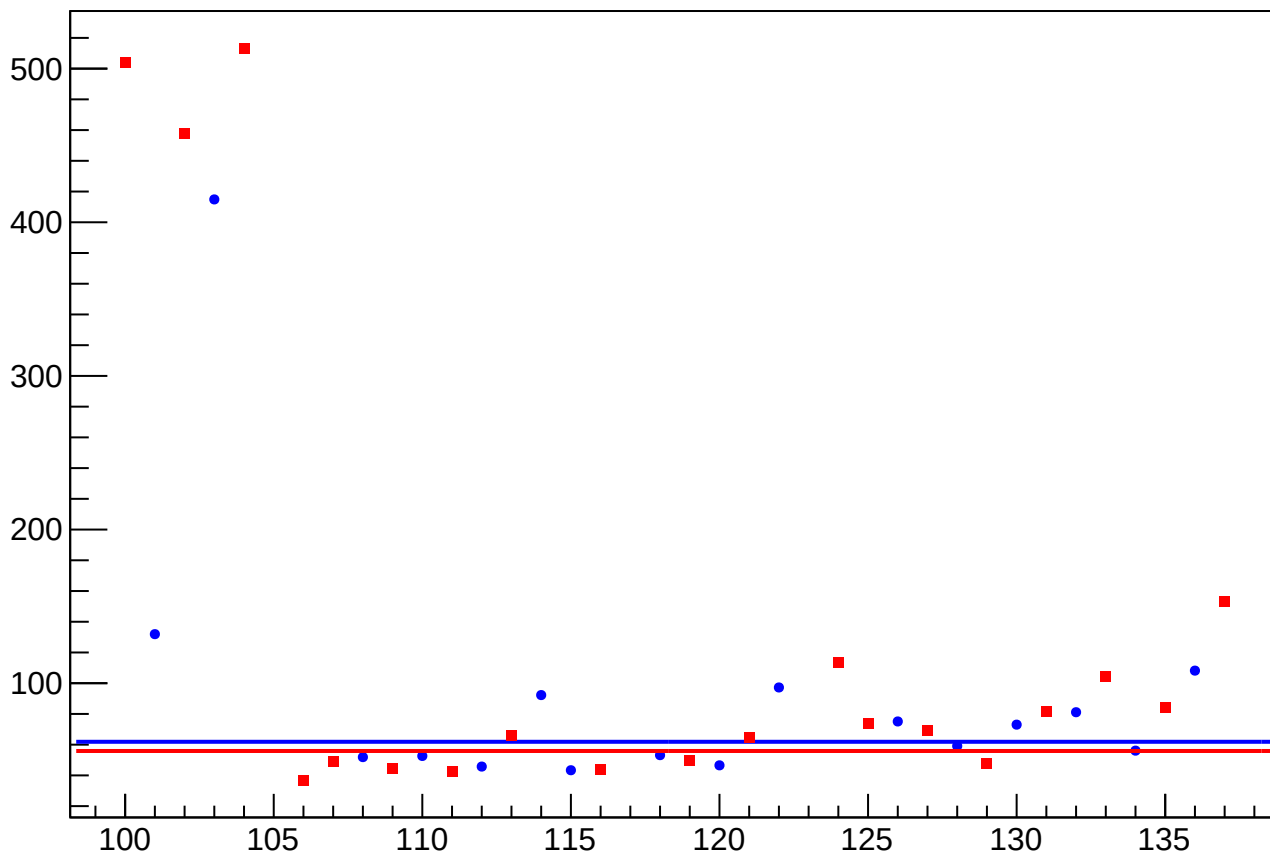
Right: -0.028+/-0.018 χ^2 /NDF: 36.5/34

In: -0.021+/-0.027 χ^2 /NDF:12.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.028+/-0.018 χ^2 /NDF: 36.5/34

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.886+/-0.017 χ^2/NDF : 2591233.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

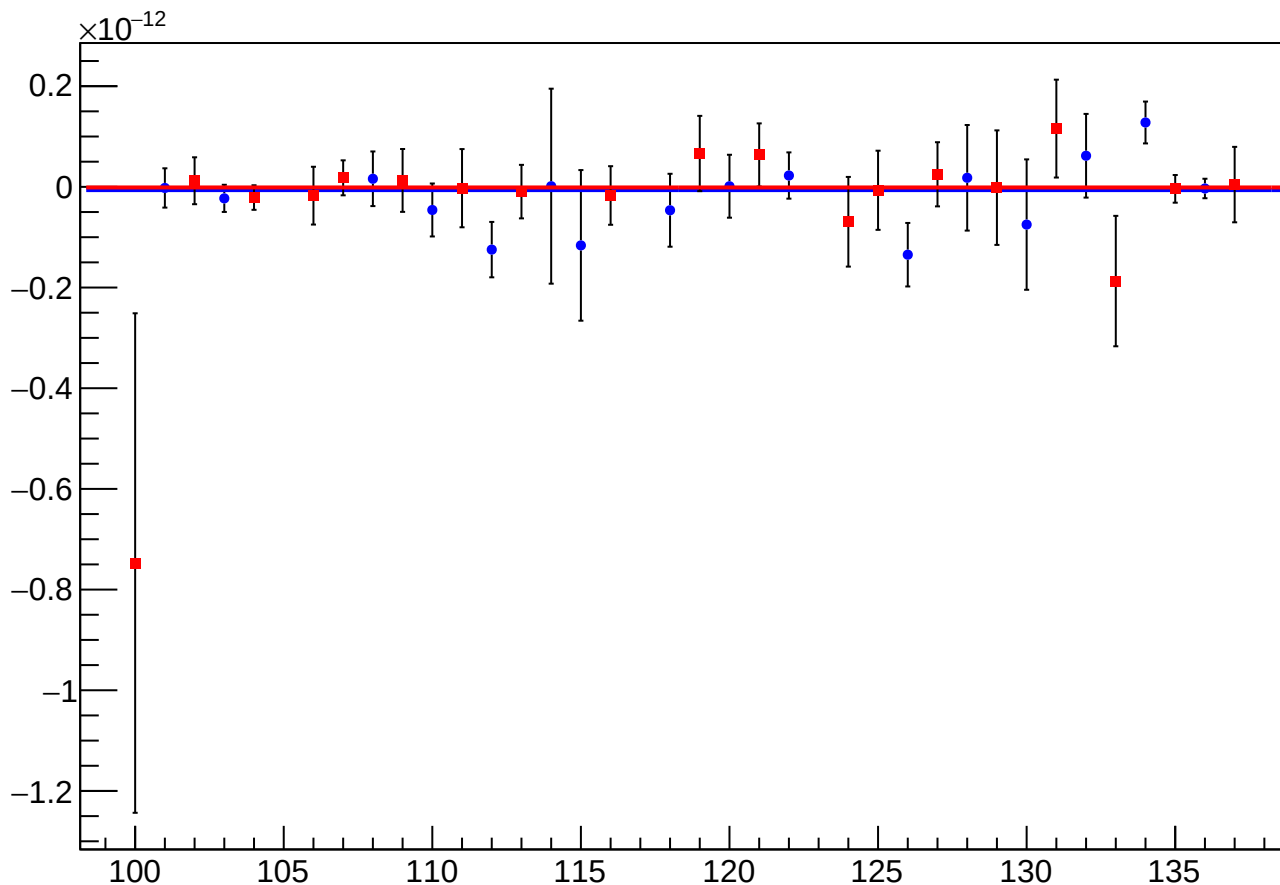
Right: 58.650+/-0.013 χ^2/NDF : 4583914.2/34

In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.650+/-0.013 χ^2/NDF : 4583914.2/34

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 9.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

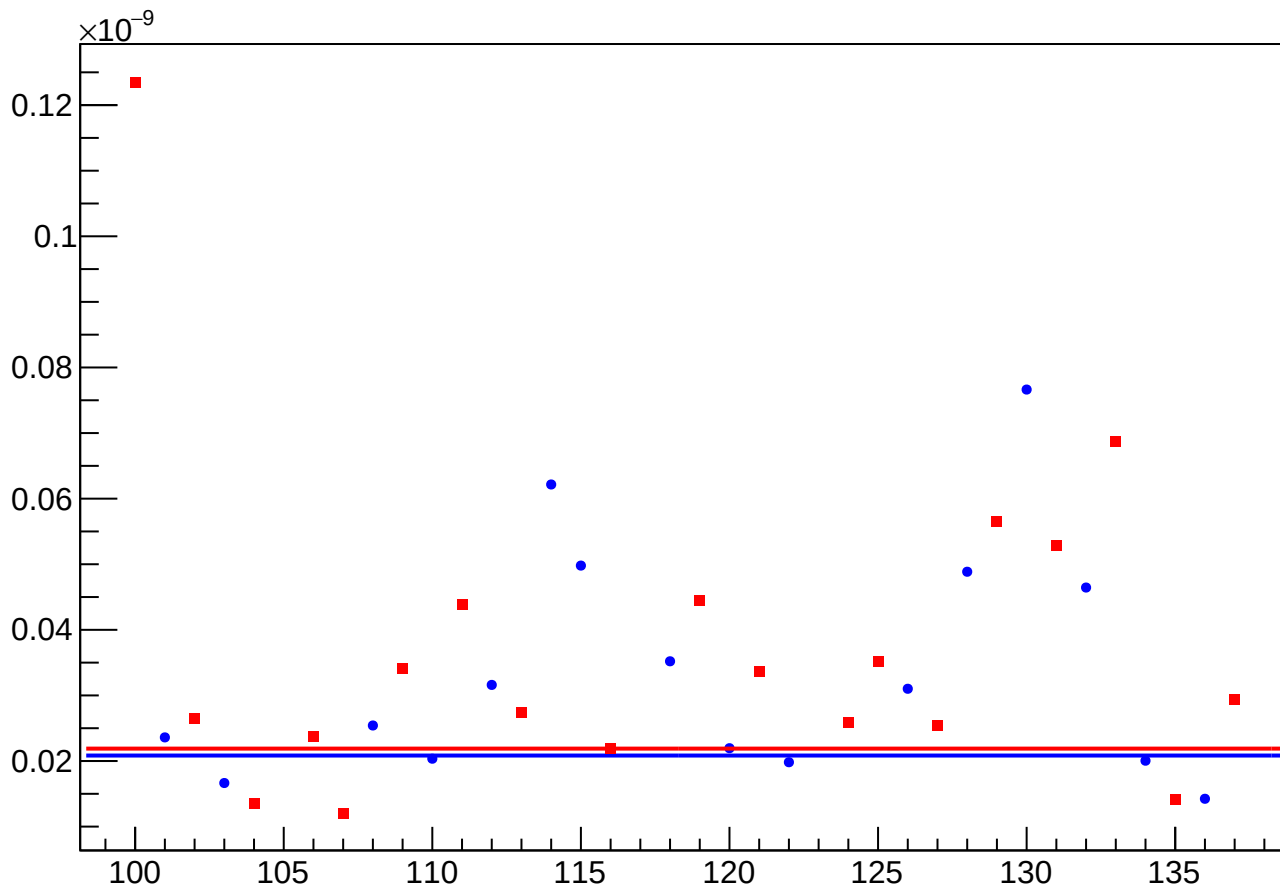
Right: -0.000+/-0.000 χ^2/NDF : 32.4/34

In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.4/34

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1384606.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1906656.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

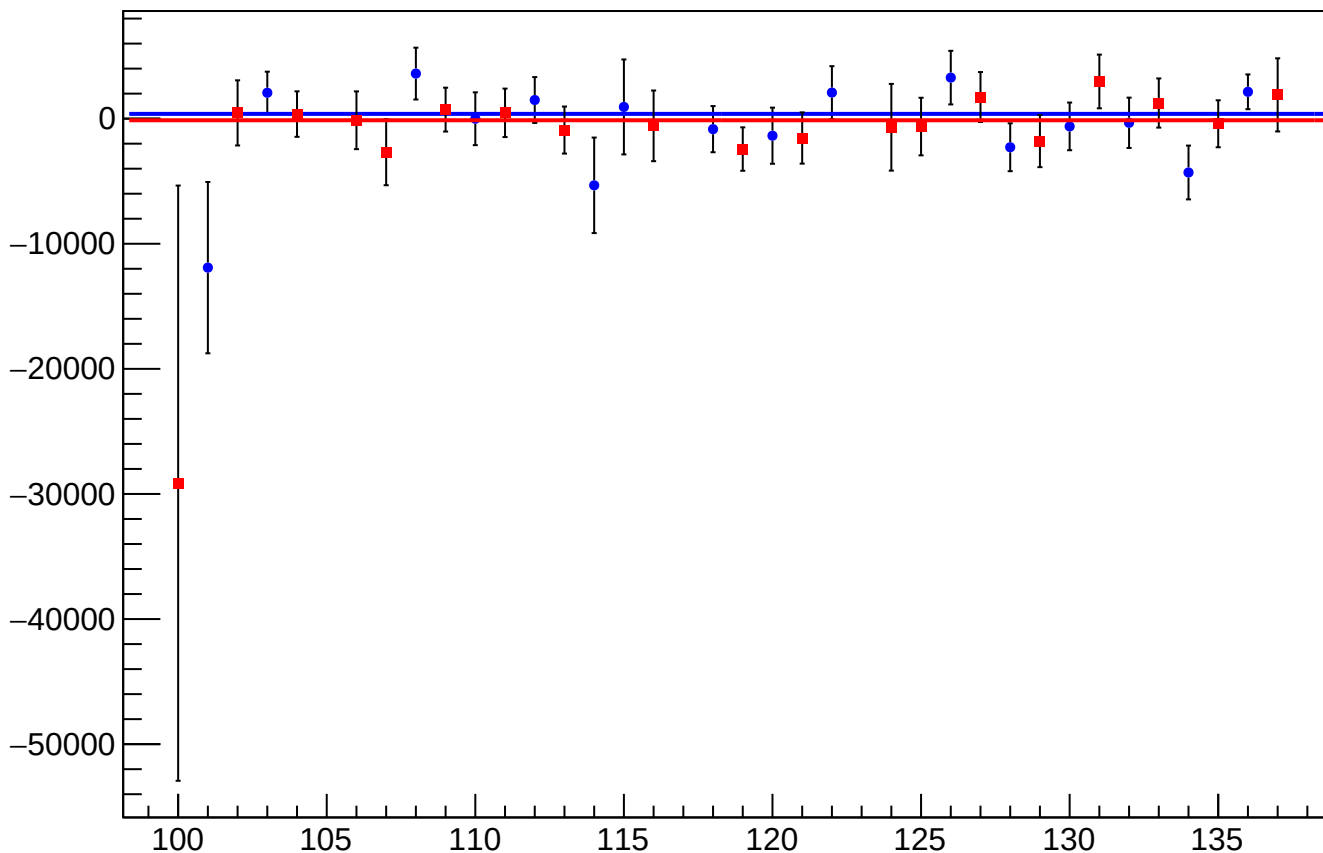
Right: 0.000+/-0.000 χ^2/NDF : 3299556.5/34

In: 0.000+/-0.000 χ^2/NDF : 1384606.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3299556.5/34

reg_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 381.403+/-517.789 χ^2/NDF : 21.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -127.929+/-500.988 χ^2/NDF : 10.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

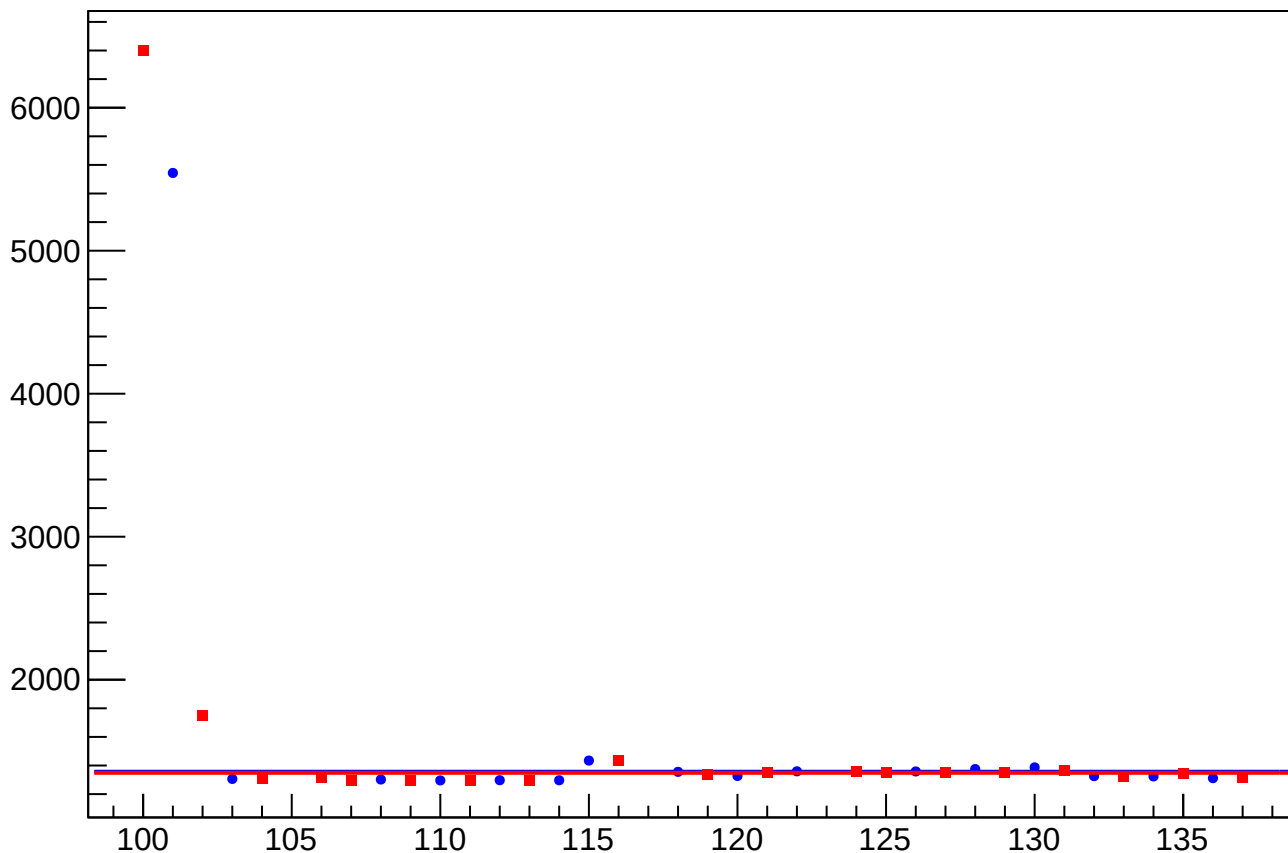
Right: 118.340+/-360.045 χ^2/NDF : 32.0/34

In: 381.403+/-517.789 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.340+/-360.045 χ^2/NDF : 32.0/34

reg_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1356.397+/-0.366 χ^2/NDF : 760266.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1348.975+/-0.354 χ^2/NDF : 147265.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

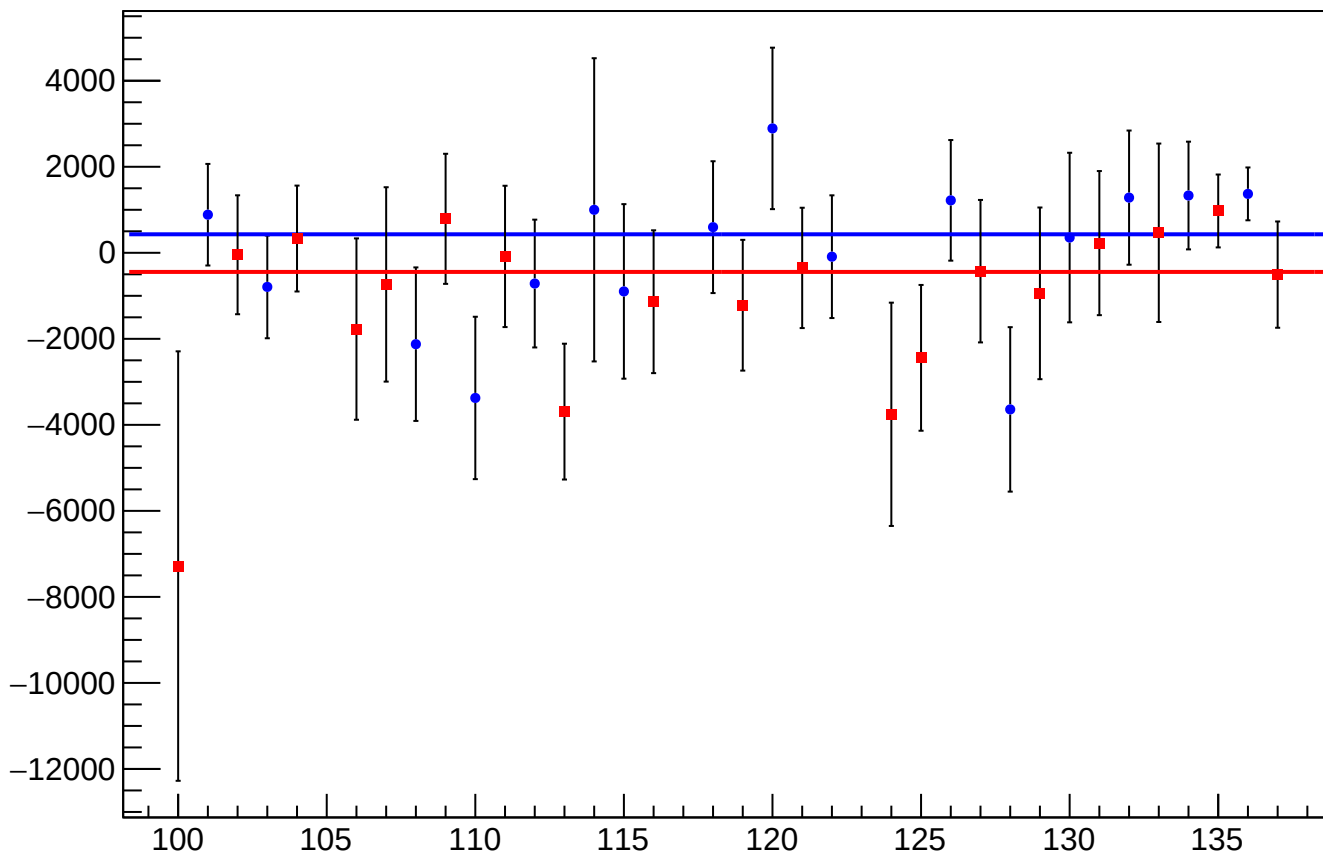
Right: 1352.564+/-0.255 χ^2/NDF : 907744.1/34

In: 1356.397+/-0.366 χ^2/NDF : 760266.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1352.564+/-0.255 χ^2/NDF : 907744.1/34

asym_usr_atr1_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 430.363+/-338.459 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -444.555+/-355.594 χ^2/NDF : 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

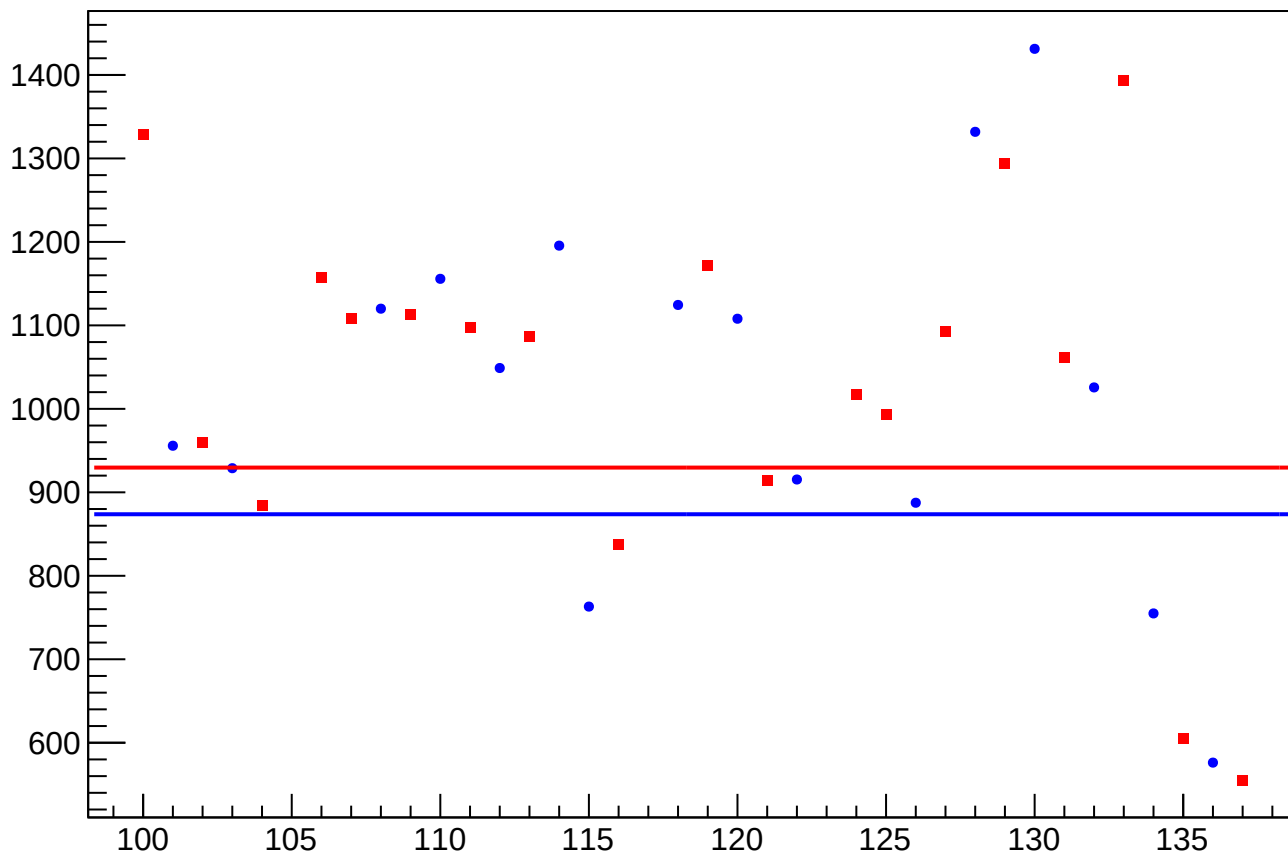
Right: 14.491+/-245.161 χ^2/NDF : 35.8/34

In: 430.363+/-338.459 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.491+/-245.161 χ^2/NDF : 35.8/34

asym_usr_atr1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 873.733+/-0.239 χ^2/NDF : 1014860.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 929.637+/-0.251 χ^2/NDF : 859936.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

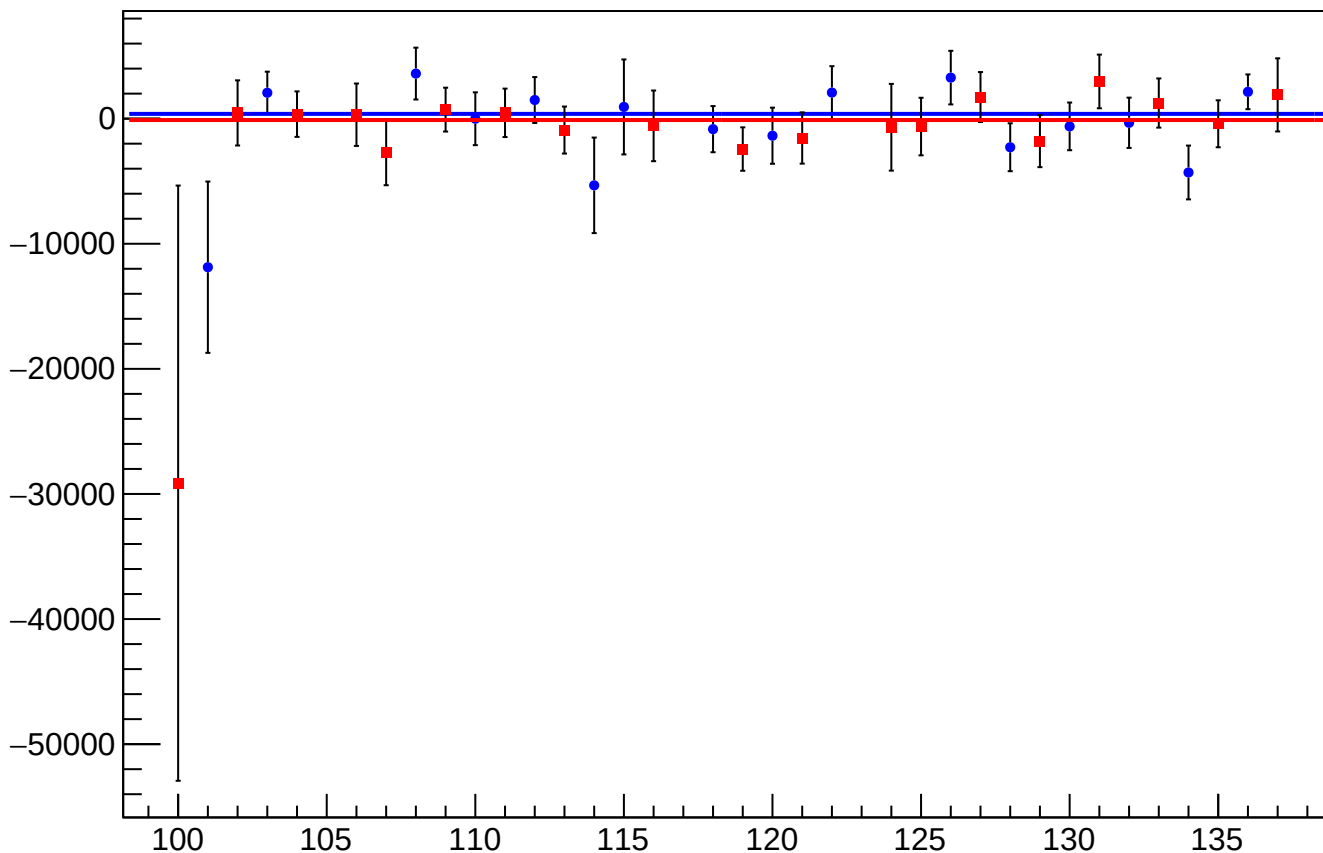
Right: 900.305+/-0.173 χ^2/NDF : 1900732.3/34

In: 873.733+/-0.239 χ^2/NDF :1014860.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 900.305+/-0.173 χ^2/NDF : 1900732.3/34

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 381.712 ± 517.789 χ^2/NDF : 21.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -110.280 ± 502.698 χ^2/NDF : 10.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

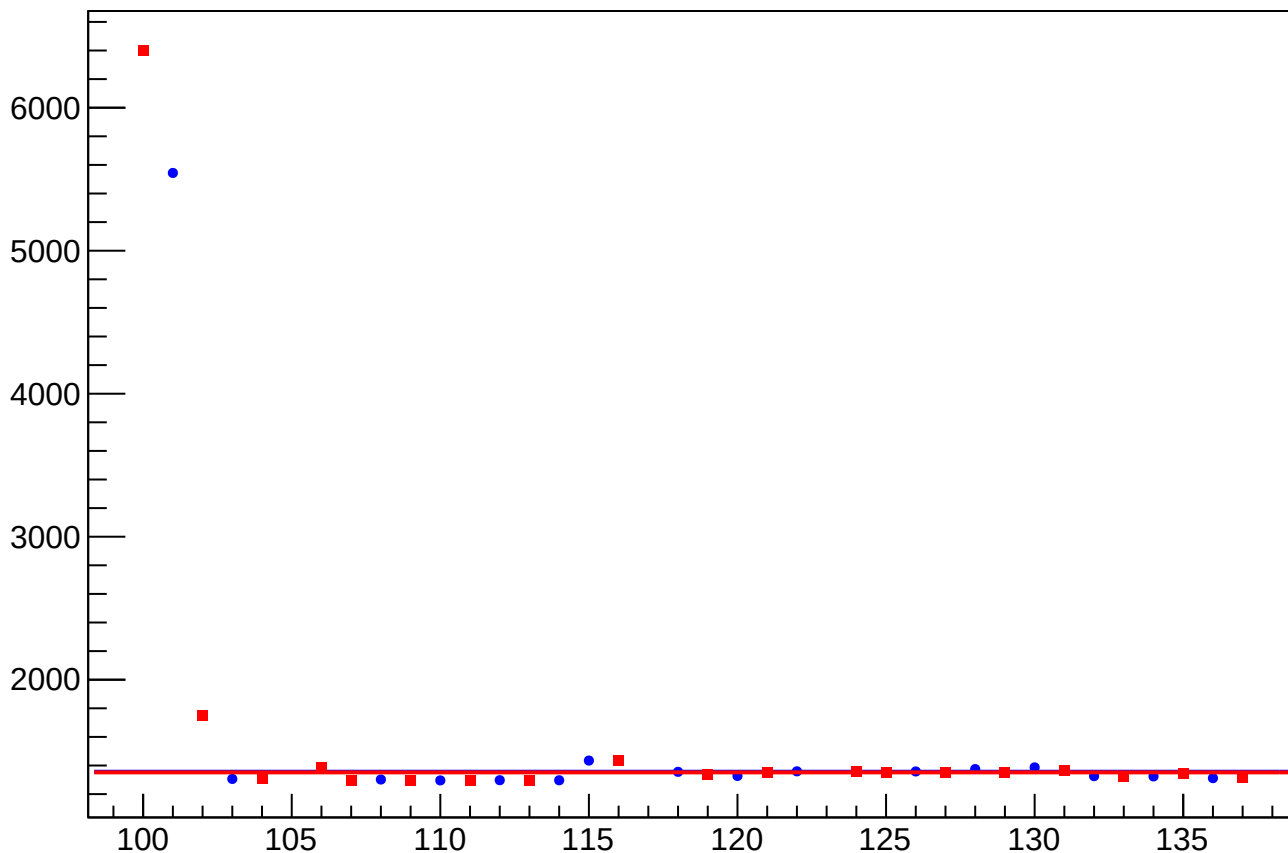
Right: 128.442 ± 360.678 χ^2/NDF : 32.0/34

In: 381.712 ± 517.789 χ^2/NDF : 21.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.442 ± 360.678 χ^2/NDF : 32.0/34

cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1356.397 $\pm$ 0.366 χ^2 /NDF: 760265.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1352.083 $\pm$ 0.355 χ^2 /NDF: 147326.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

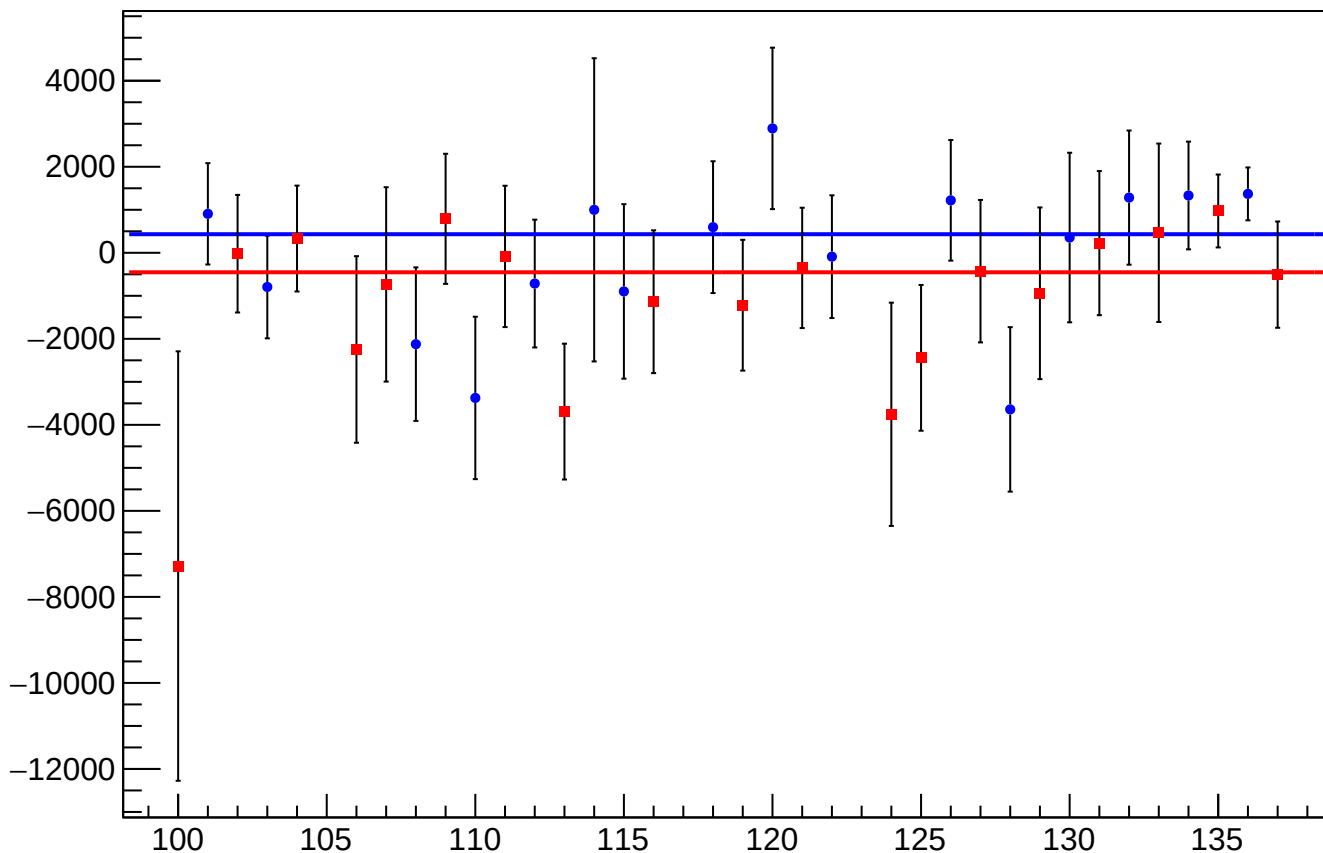
Right: 1354.176 $\pm$ 0.255 χ^2 /NDF: 907663.3/34

In: 1356.397 $\pm$ 0.366 χ^2 /NDF:760265.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1354.176 $\pm$ 0.255 χ^2 /NDF: 907663.3/34

asym_usr_atr1_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.039+/-355.599 χ^2/NDF : 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

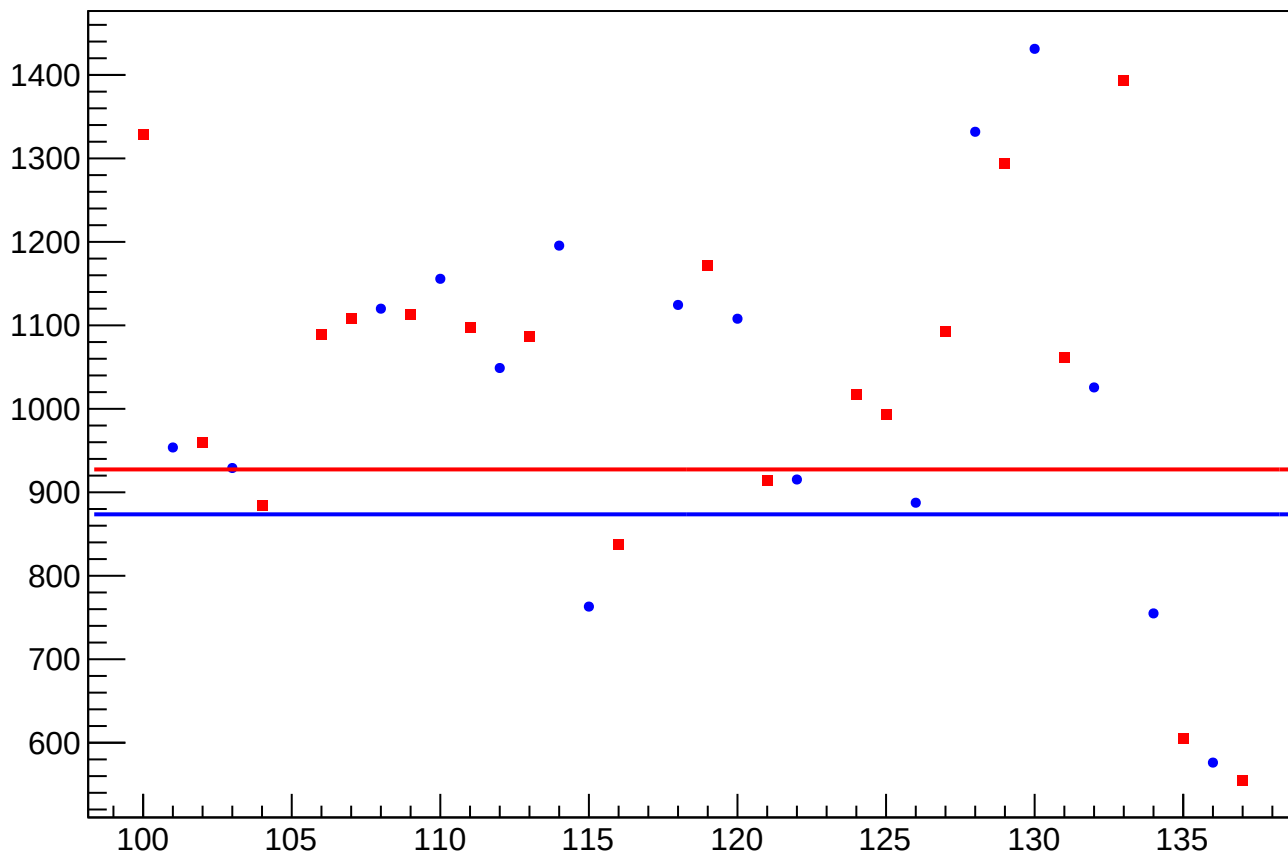
Right: 11.468+/-245.141 χ^2/NDF : 36.2/34

In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.468+/-245.141 χ^2/NDF : 36.2/34

asym_usr_atr1_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 873.606+/-0.239 χ^2/NDF : 1014405.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.407+/-0.251 χ^2/NDF : 847382.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

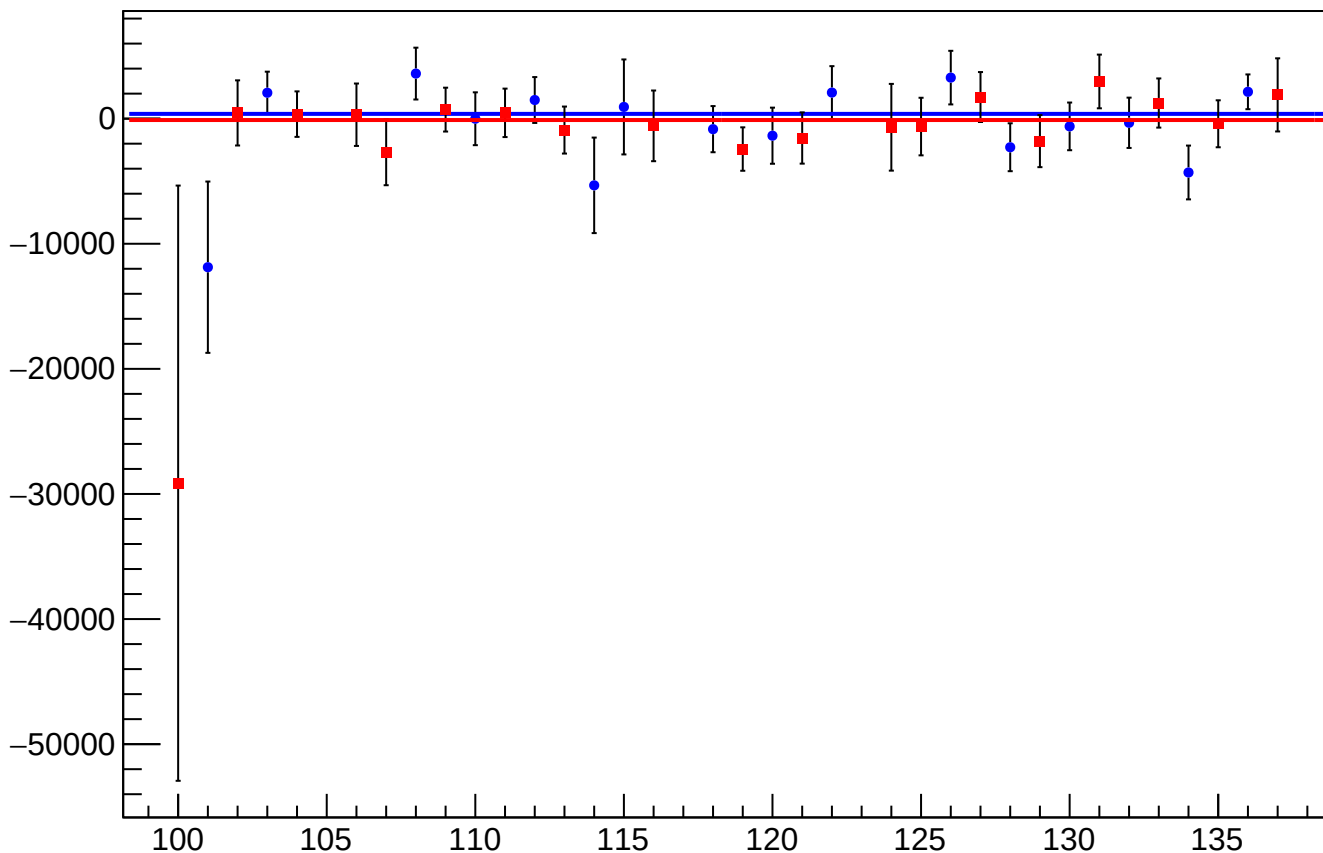
Right: 899.174+/-0.173 χ^2/NDF : 1885812.2/34

In: 873.606+/-0.239 χ^2/NDF : 1014405.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.174+/-0.173 χ^2/NDF : 1885812.2/34

eigen_cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 381.712 ± 517.789 χ^2/NDF : 21.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -110.280 ± 502.698 χ^2/NDF : 10.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

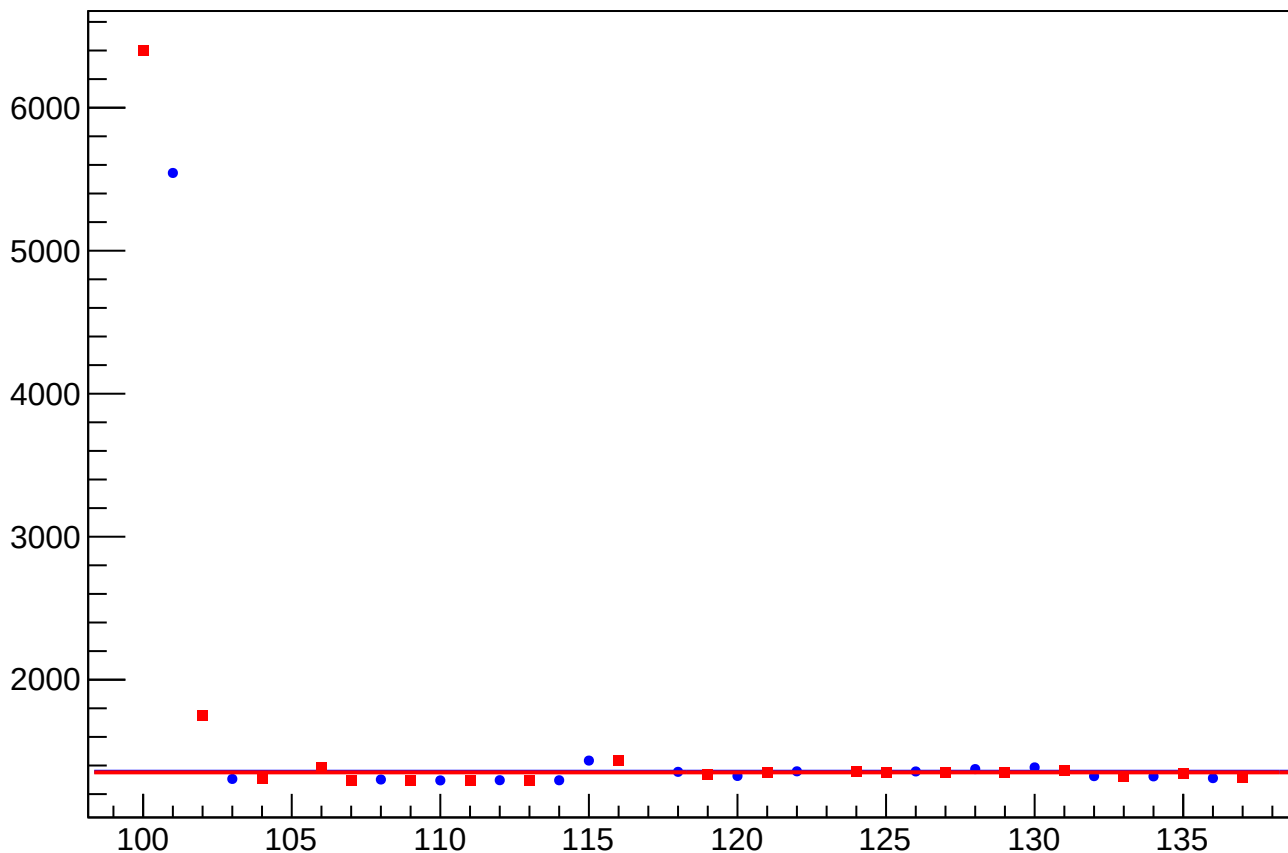
Right: 128.442 ± 360.678 χ^2/NDF : 32.0/34

In: 381.712 ± 517.789 χ^2/NDF : 21.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.442 ± 360.678 χ^2/NDF : 32.0/34

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1356.397 $\pm$ 0.366 χ^2 /NDF: 760265.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1352.083 $\pm$ 0.355 χ^2 /NDF: 147326.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

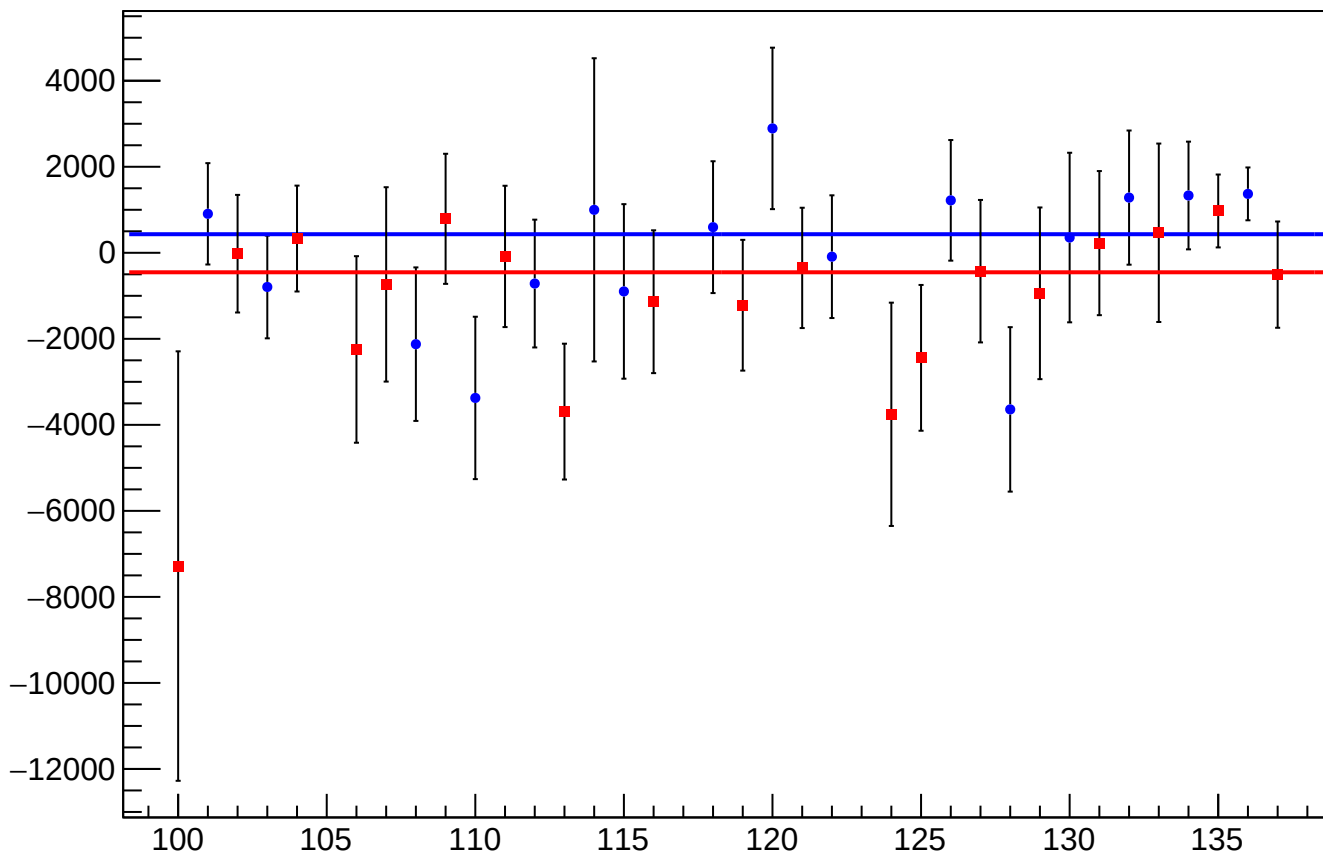
Right: 1354.176 $\pm$ 0.255 χ^2 /NDF: 907663.3/34

In: 1356.397 $\pm$ 0.366 χ^2 /NDF:760265.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1354.176 $\pm$ 0.255 χ^2 /NDF: 907663.3/34

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -453.039+/-355.599 χ^2/NDF : 14.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

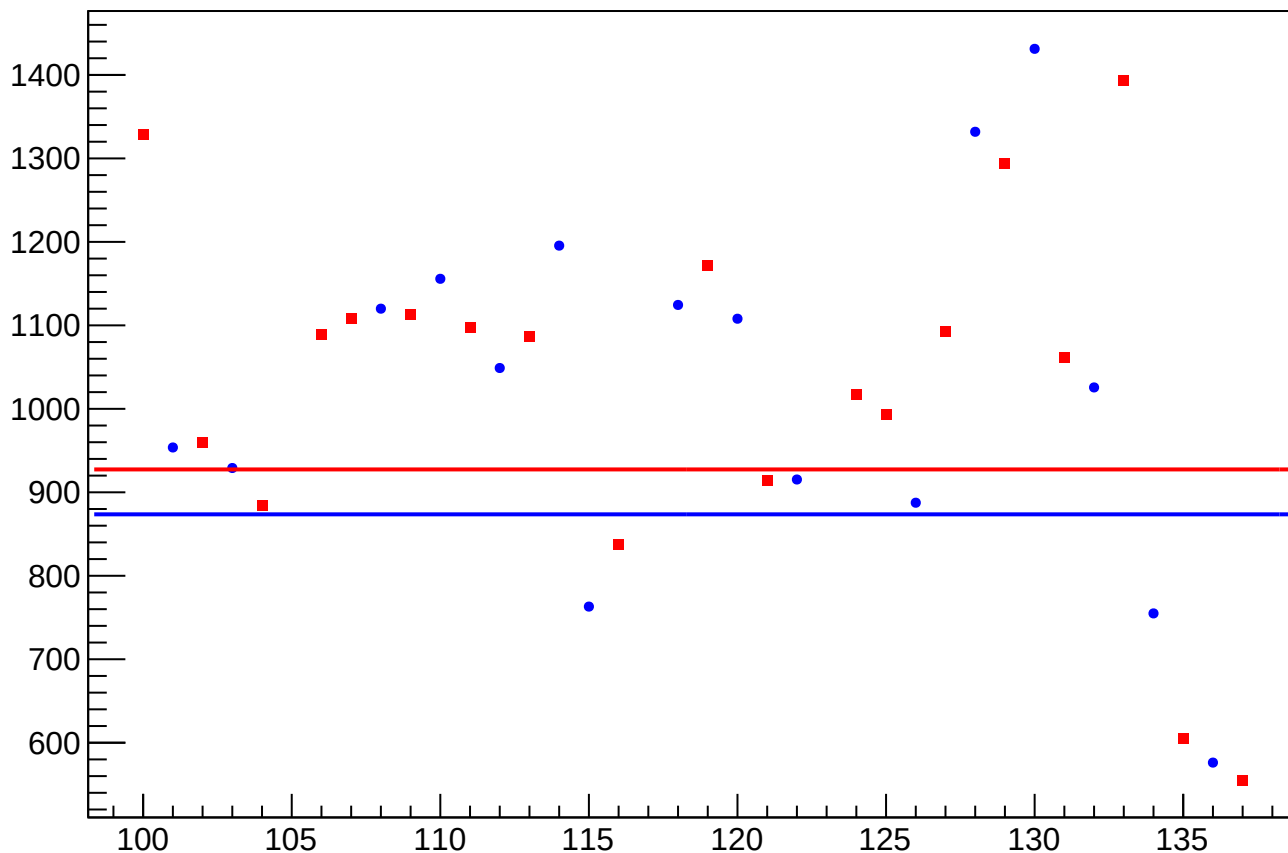
Right: 11.468+/-245.141 χ^2/NDF : 36.2/34

In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.468+/-245.141 χ^2/NDF : 36.2/34

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 873.606+/-0.239 χ^2/NDF : 1014405.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 927.407+/-0.251 χ^2/NDF : 847382.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

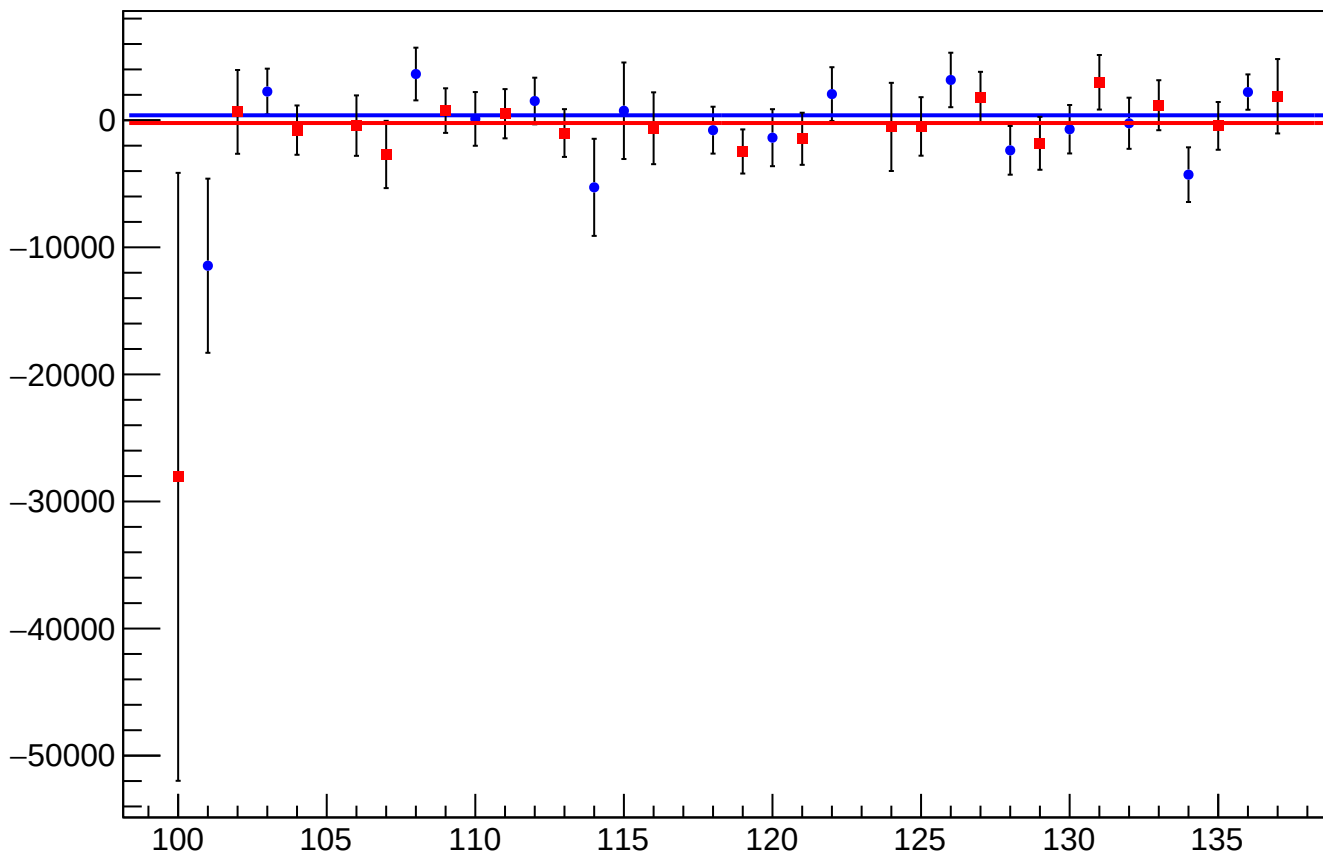
Right: 899.174+/-0.173 χ^2/NDF : 1885812.2/34

In: 873.606+/-0.239 χ^2/NDF : 1014405.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 899.174+/-0.173 χ^2/NDF : 1885812.2/34

dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 389.949 $\pm$ 521.159 χ^2 /NDF: 21.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -218.184 $\pm$ 507.927 χ^2 /NDF: 10.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

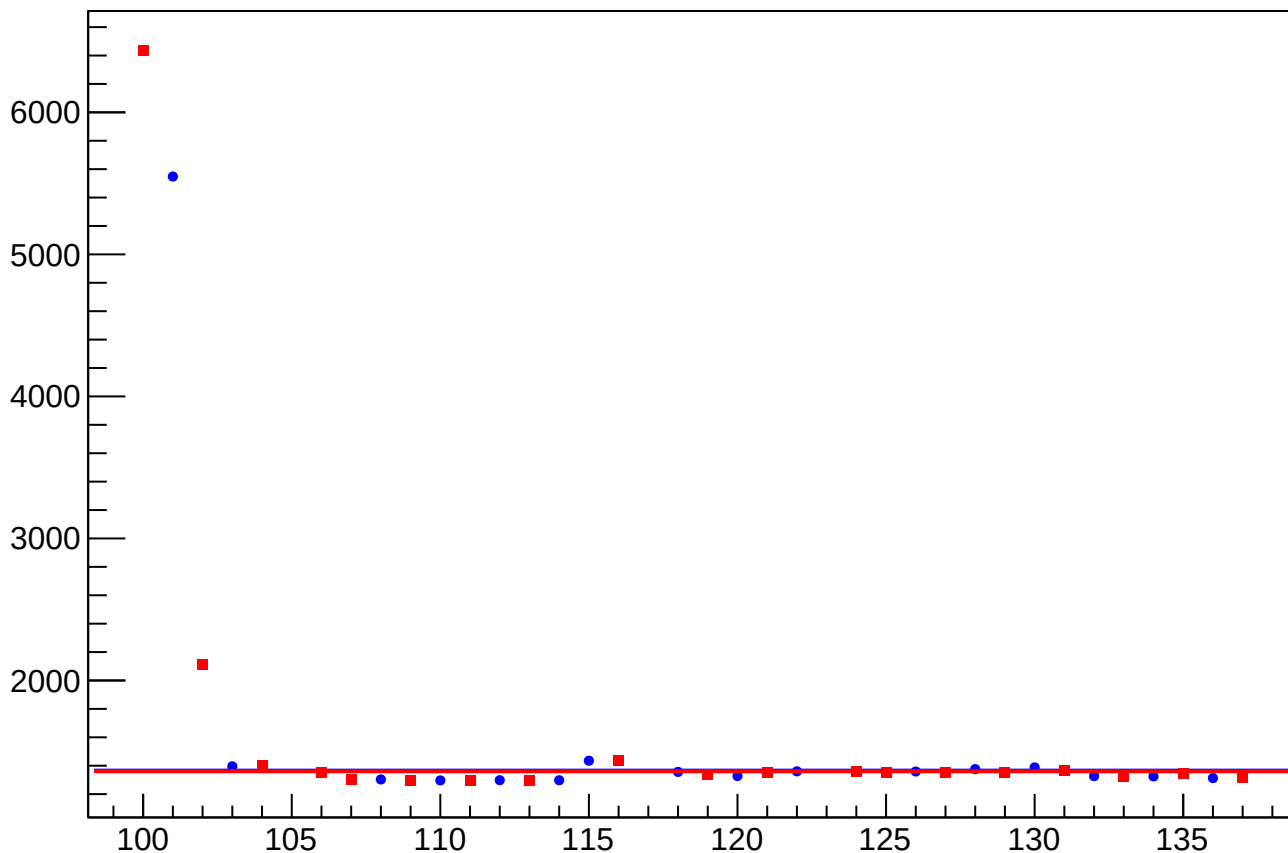
Right: 78.065 $\pm$ 363.747 χ^2 /NDF: 32.1/34

In: 389.949 $\pm$ 521.159 χ^2 /NDF:21.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 78.065 $\pm$ 363.747 χ^2 /NDF: 32.1/34

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1365.302+/-0.369 χ^2/NDF : 758944.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.771+/-0.359 χ^2/NDF : 205315.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

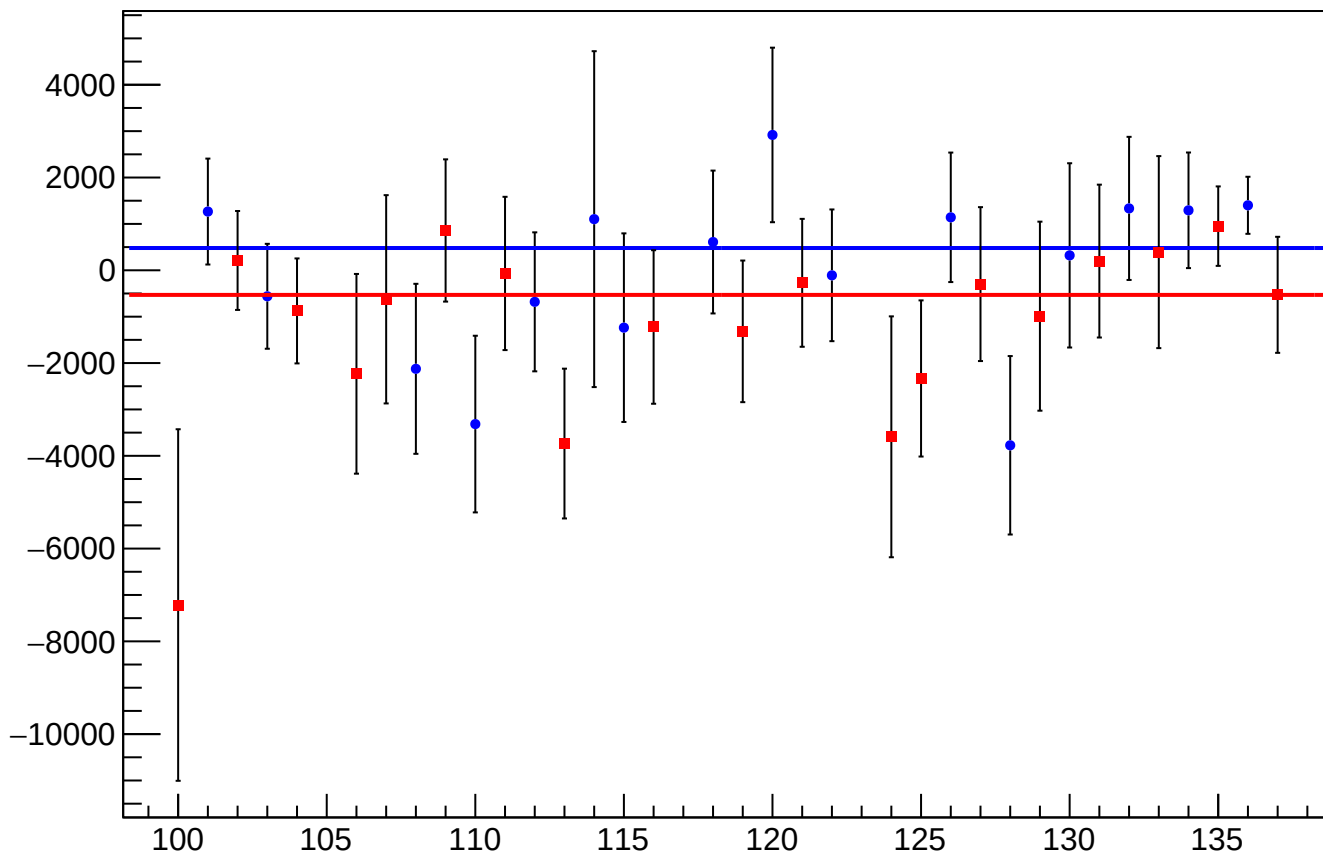
Right: 1362.978+/-0.257 χ^2/NDF : 964337.6/34

In: 1365.302+/-0.369 χ^2/NDF : 758944.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.978+/-0.257 χ^2/NDF : 964337.6/34

asym_usr_atr1_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 480.403+/-336.520 χ^2/NDF : 18.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.532+/-346.105 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

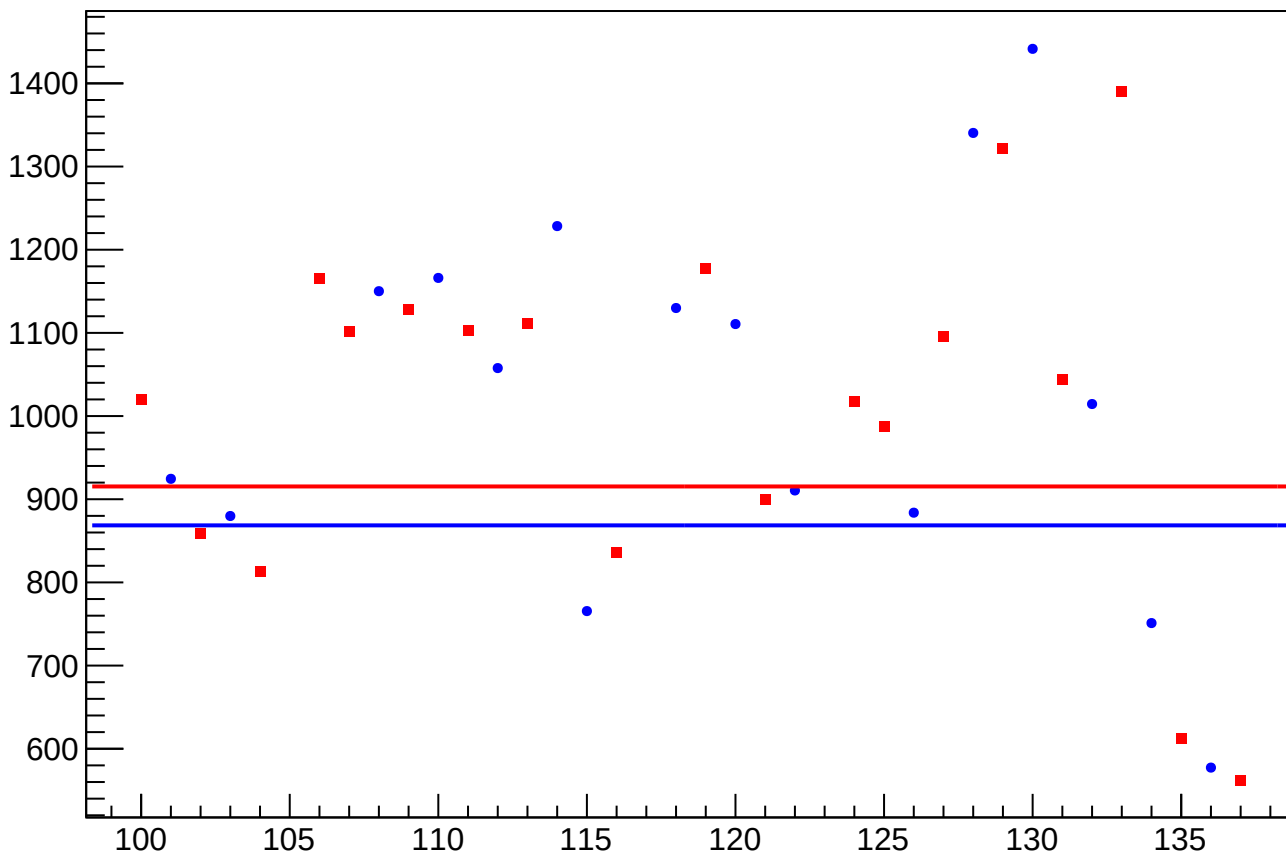
Right: -10.874+/-241.273 χ^2/NDF : 38.6/34

In: 480.403+/-336.520 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.874+/-241.273 χ^2/NDF : 38.6/34

asym_usr_atr1_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 868.572+/-0.238 χ^2/NDF : 1021338.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.360+/-0.245 χ^2/NDF : 858906.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

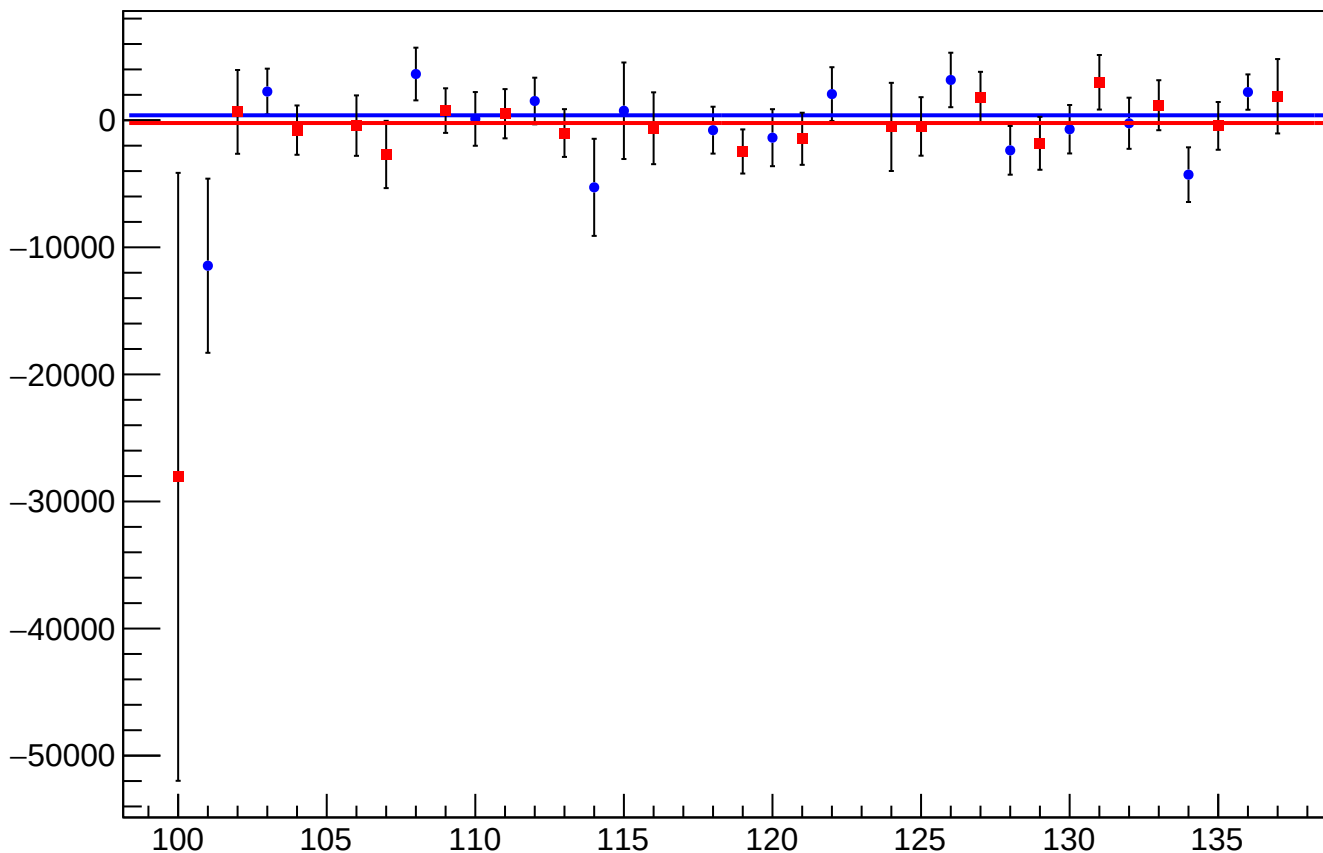
Right: 891.309+/-0.171 χ^2/NDF : 1899033.0/34

In: 868.572+/-0.238 χ^2/NDF : 1021338.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.309+/-0.171 χ^2/NDF : 1899033.0/34

eigen_dit_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 389.949+/-521.159 χ^2/NDF : 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -218.182+/-507.927 χ^2/NDF : 10.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

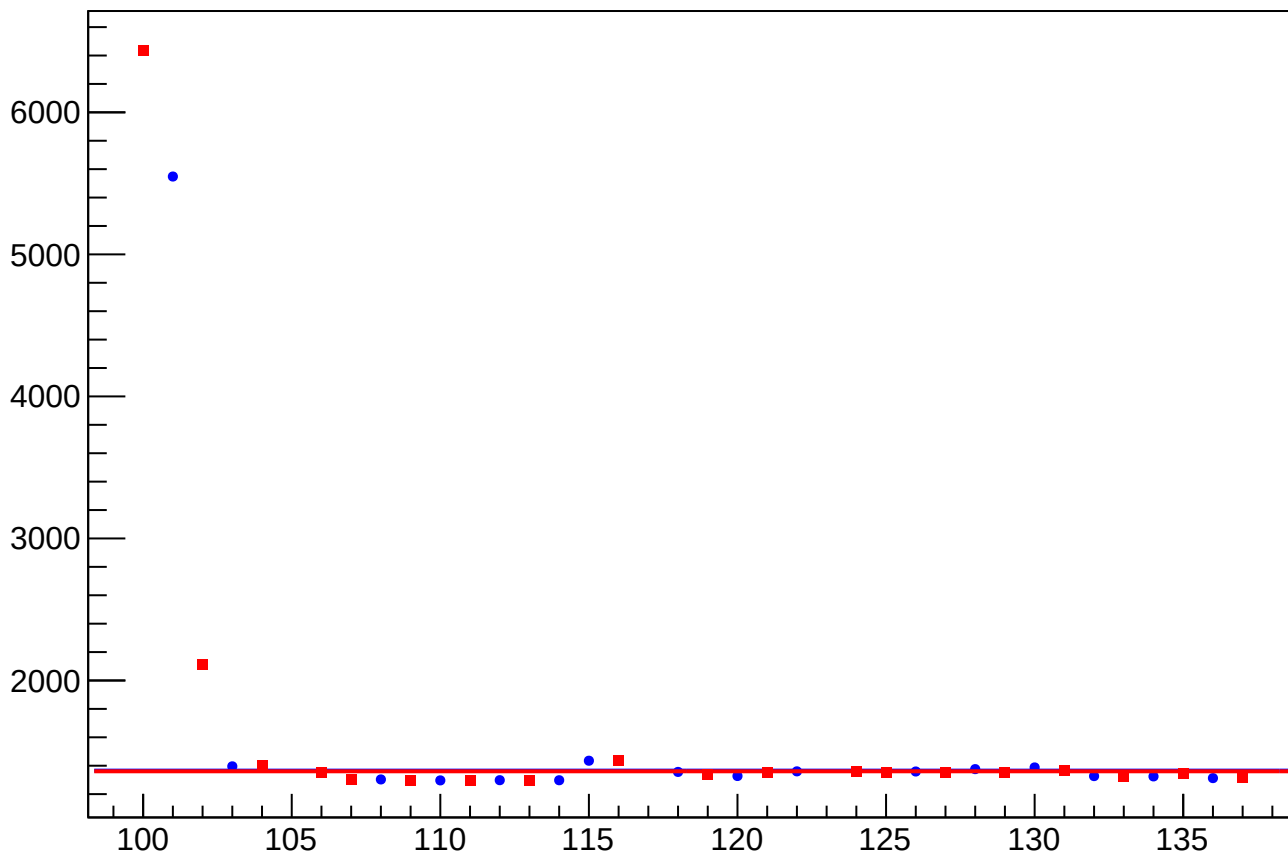
Right: 78.066+/-363.747 χ^2/NDF : 32.1/34

In: 389.949+/-521.159 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.066+/-363.747 χ^2/NDF : 32.1/34

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1365.302+/-0.369 χ^2/NDF : 758944.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1360.770+/-0.359 χ^2/NDF : 205315.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

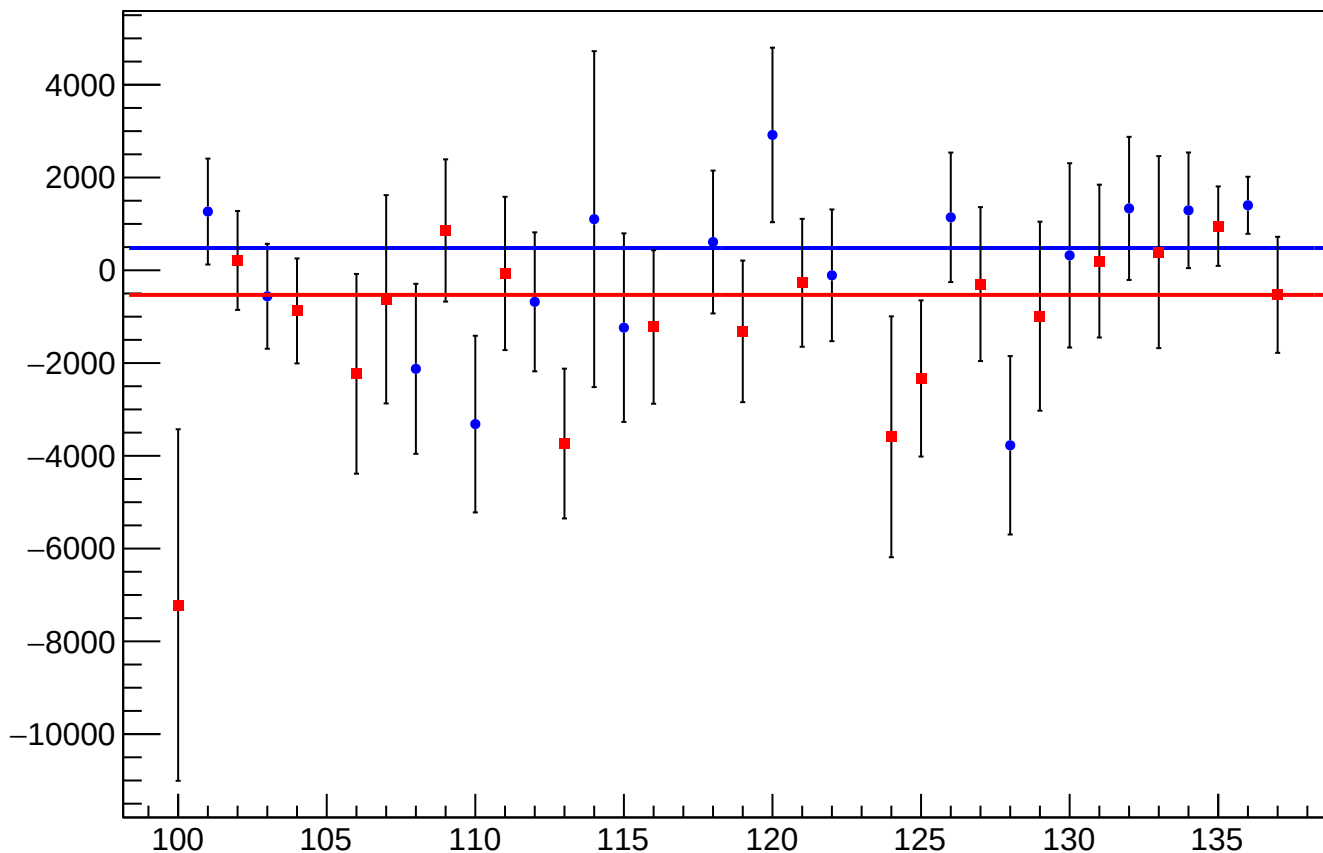
Right: 1362.978+/-0.257 χ^2/NDF : 964337.5/34

In: 1365.302+/-0.369 χ^2/NDF : 758944.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1362.978+/-0.257 χ^2/NDF : 964337.5/34

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 480.400+/-336.519 χ^2/NDF : 18.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -530.531+/-346.104 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

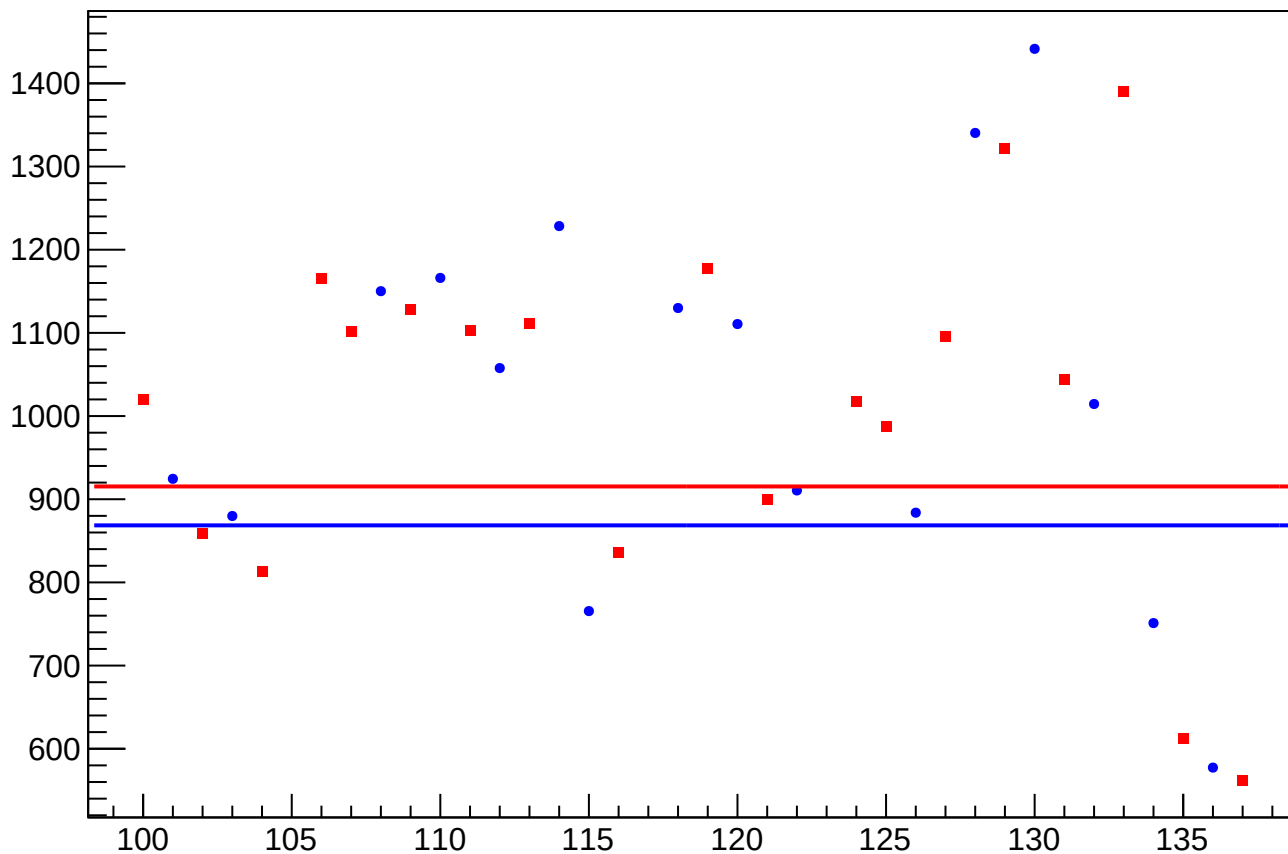
Right: -10.874+/-241.273 χ^2/NDF : 38.6/34

In: 480.400+/-336.519 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.874+/-241.273 χ^2/NDF : 38.6/34

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 868.570+/-0.238 χ^2/NDF : 1021337.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 915.358+/-0.245 χ^2/NDF : 858906.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

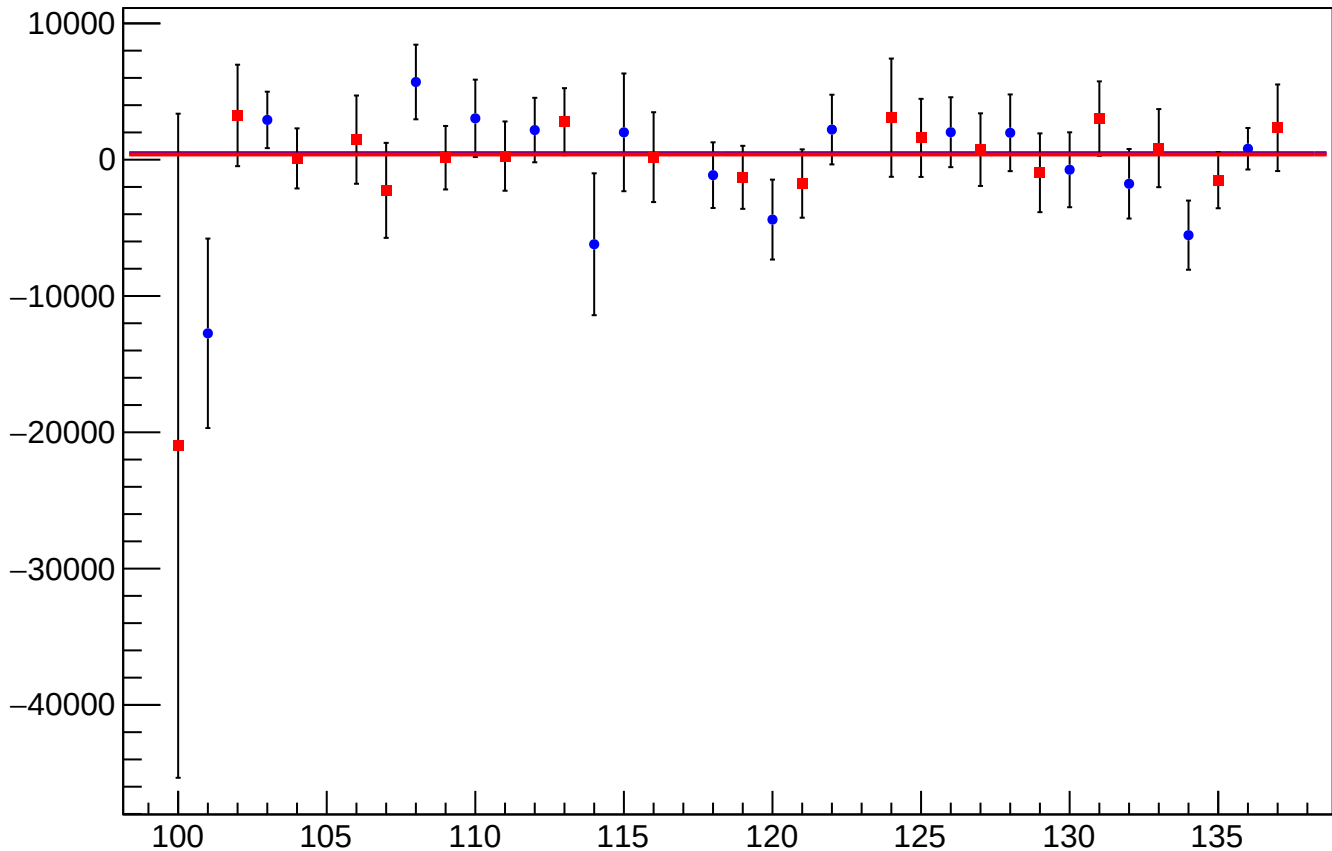
Right: 891.307+/-0.171 χ^2/NDF : 1899032.0/34

In: 868.570+/-0.238 χ^2/NDF : 1021337.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 891.307+/-0.171 χ^2/NDF : 1899032.0/34

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 473.494 $\pm$ 649.243 χ^2 /NDF: 22.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 384.785 $\pm$ 641.994 χ^2 /NDF: 7.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

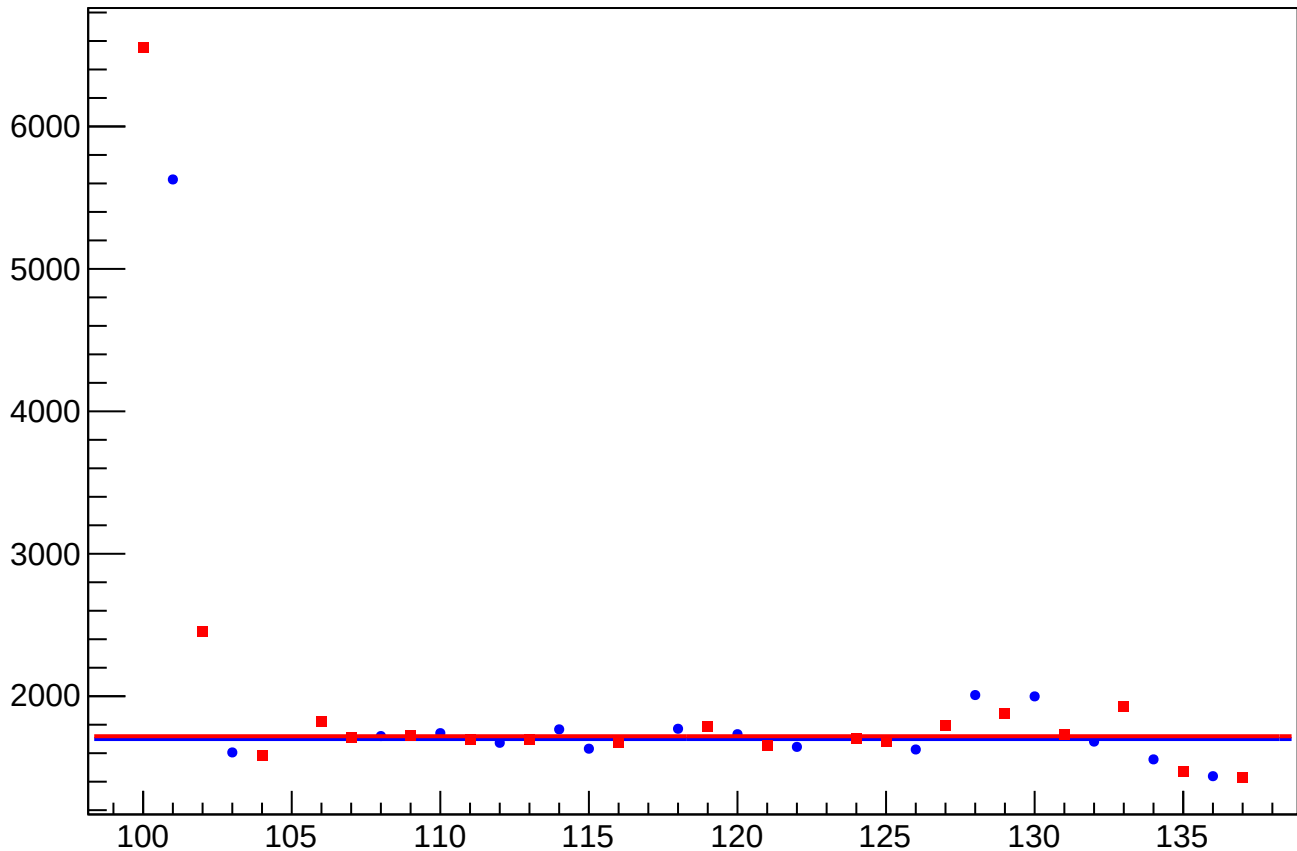
Right: 428.642 $\pm$ 456.500 χ^2 /NDF: 30.0/34

In: 473.494 $\pm$ 649.243 χ^2 /NDF:22.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 428.642 $\pm$ 456.500 χ^2 /NDF: 30.0/34

asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1699.330+/-0.459 χ^2/NDF : 762097.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1719.103+/-0.454 χ^2/NDF : 233751.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

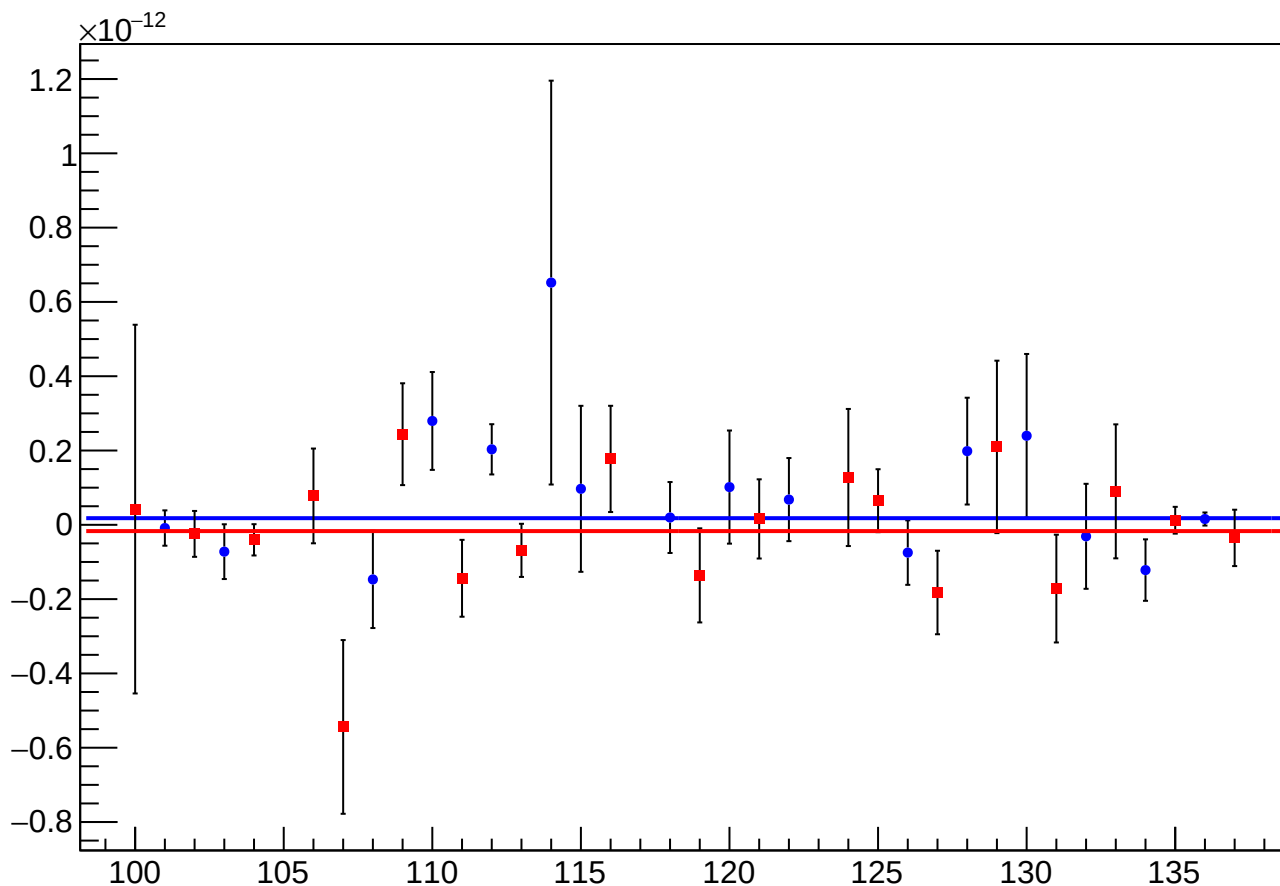
Right: 1709.327+/-0.323 χ^2/NDF : 996787.3/34

In: 1699.330+/-0.459 χ^2/NDF : 762097.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1709.327+/-0.323 χ^2/NDF : 996787.3/34

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

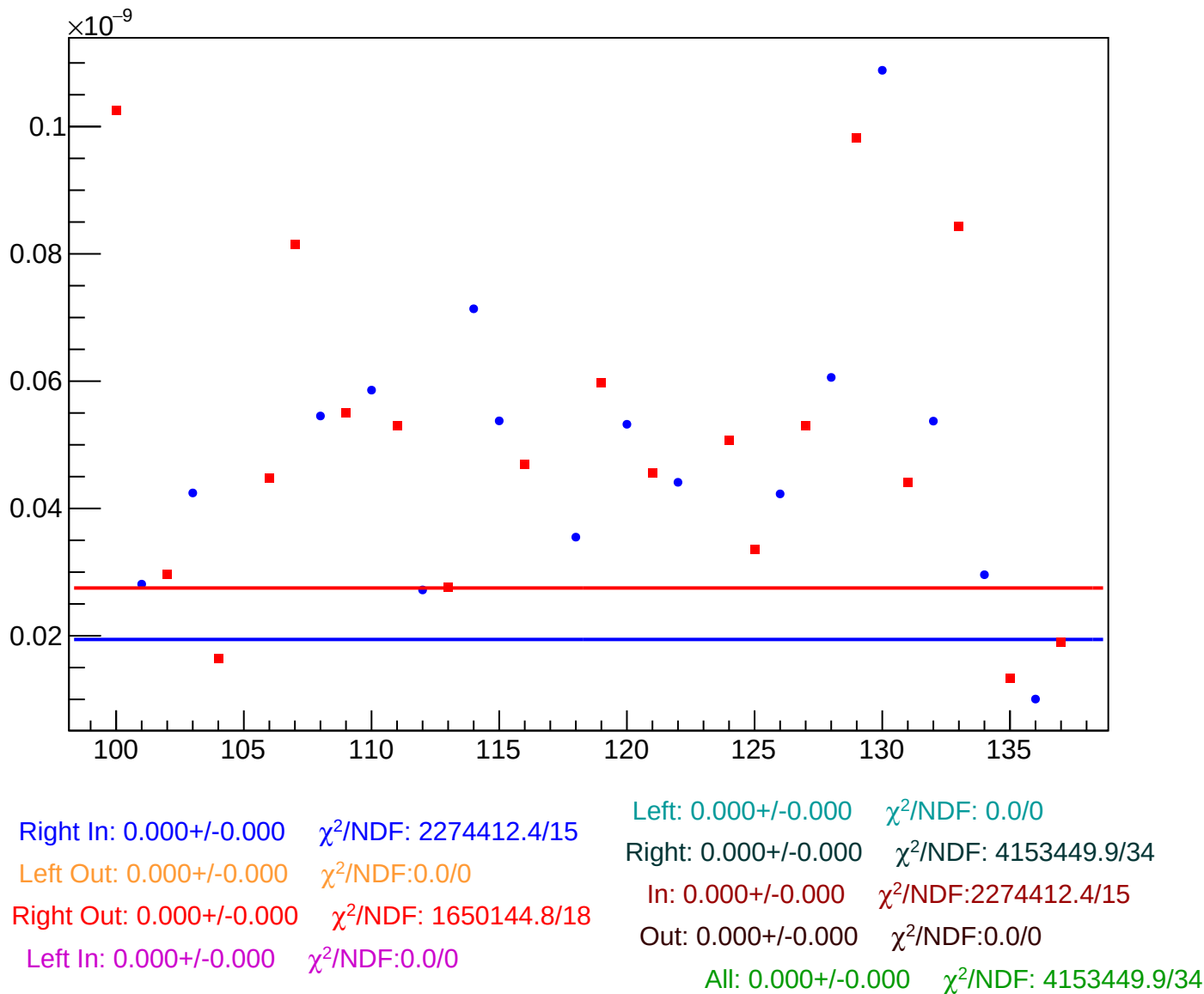
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 47.0/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF:23.6/15

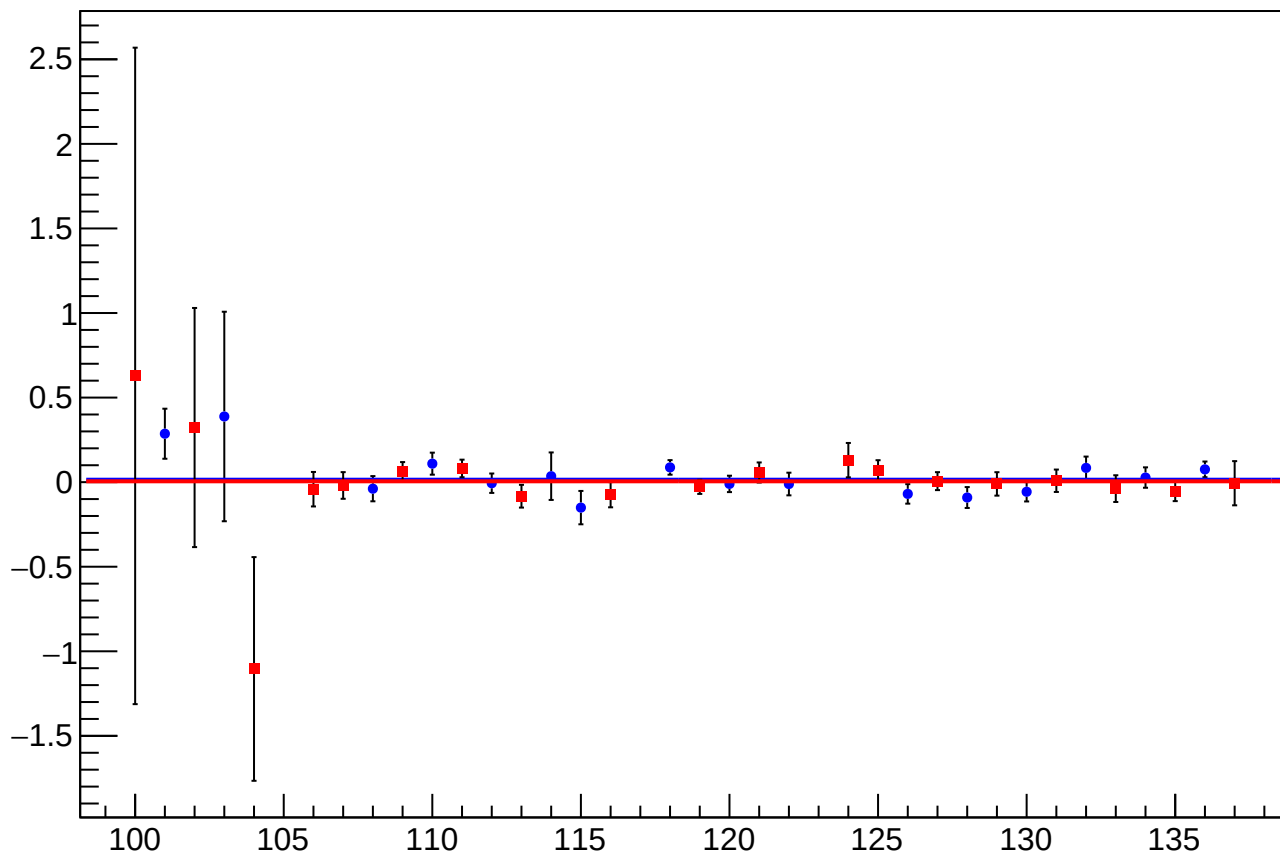
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 47.0/34

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.016 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

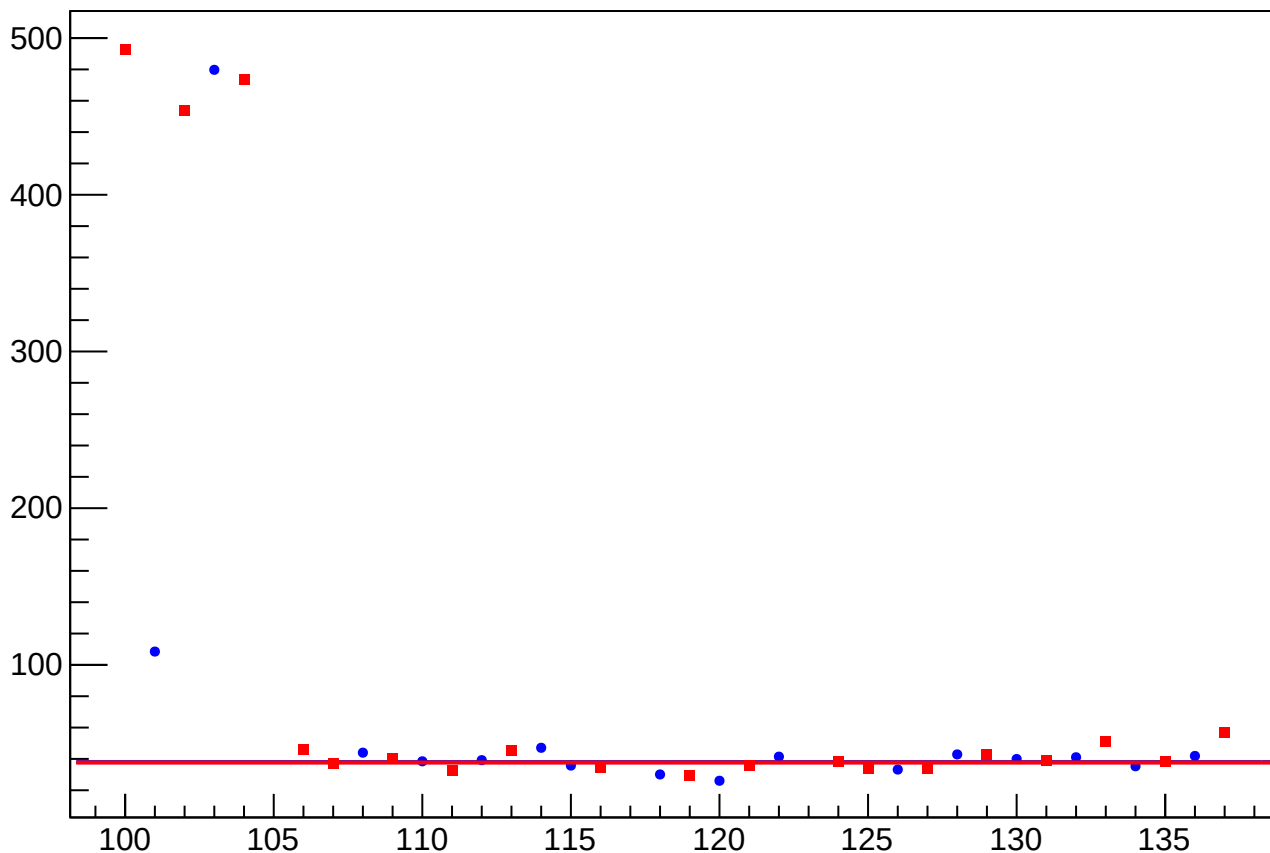
Right: 0.010+/-0.011 χ^2/NDF : 37.1/34

In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.011 χ^2/NDF : 37.1/34

asym_usr_atr1_dd_dit_vs_Slug, Sign Corrected



Right In: 37.942+/-0.011 χ^2/NDF : 1739669.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 37.696+/-0.011 χ^2/NDF : 1944881.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

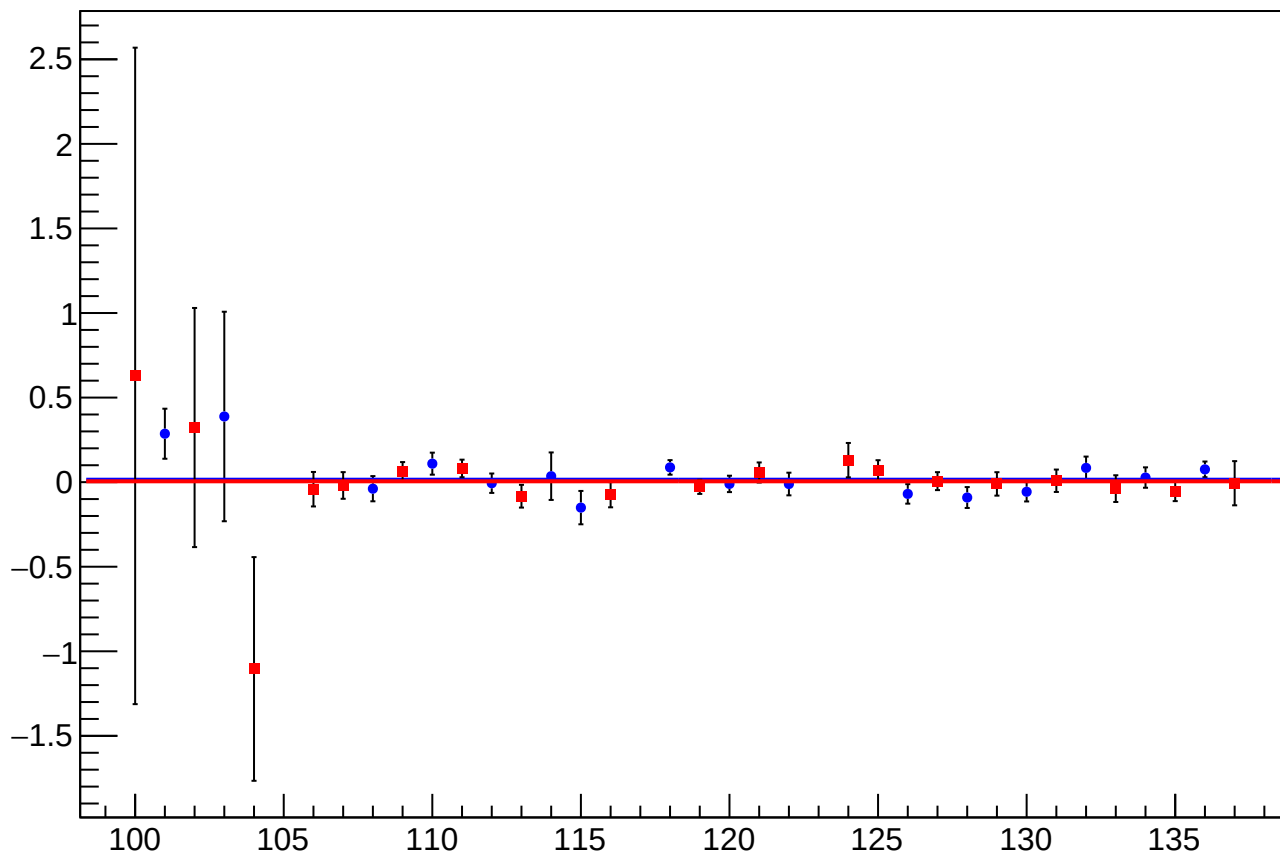
Right: 37.820+/-0.008 χ^2/NDF : 3684788.8/34

In: 37.942+/-0.011 χ^2/NDF :1739669.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.820+/-0.008 χ^2/NDF : 3684788.8/34

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.016 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

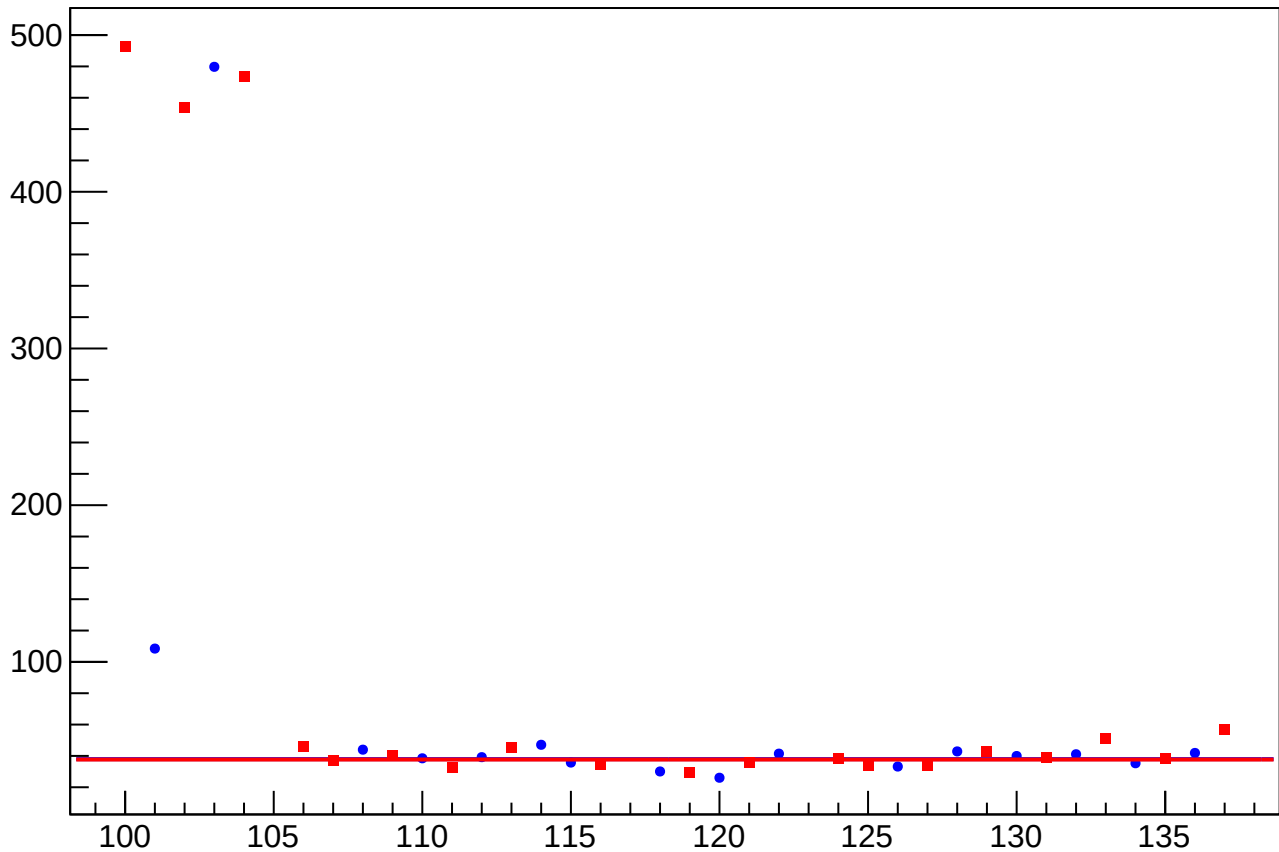
Right: 0.010+/-0.011 χ^2/NDF : 37.1/34

In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.011 χ^2/NDF : 37.1/34

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.942+/-0.011 χ^2/NDF : 1739669.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.696+/-0.011 χ^2/NDF : 1944881.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

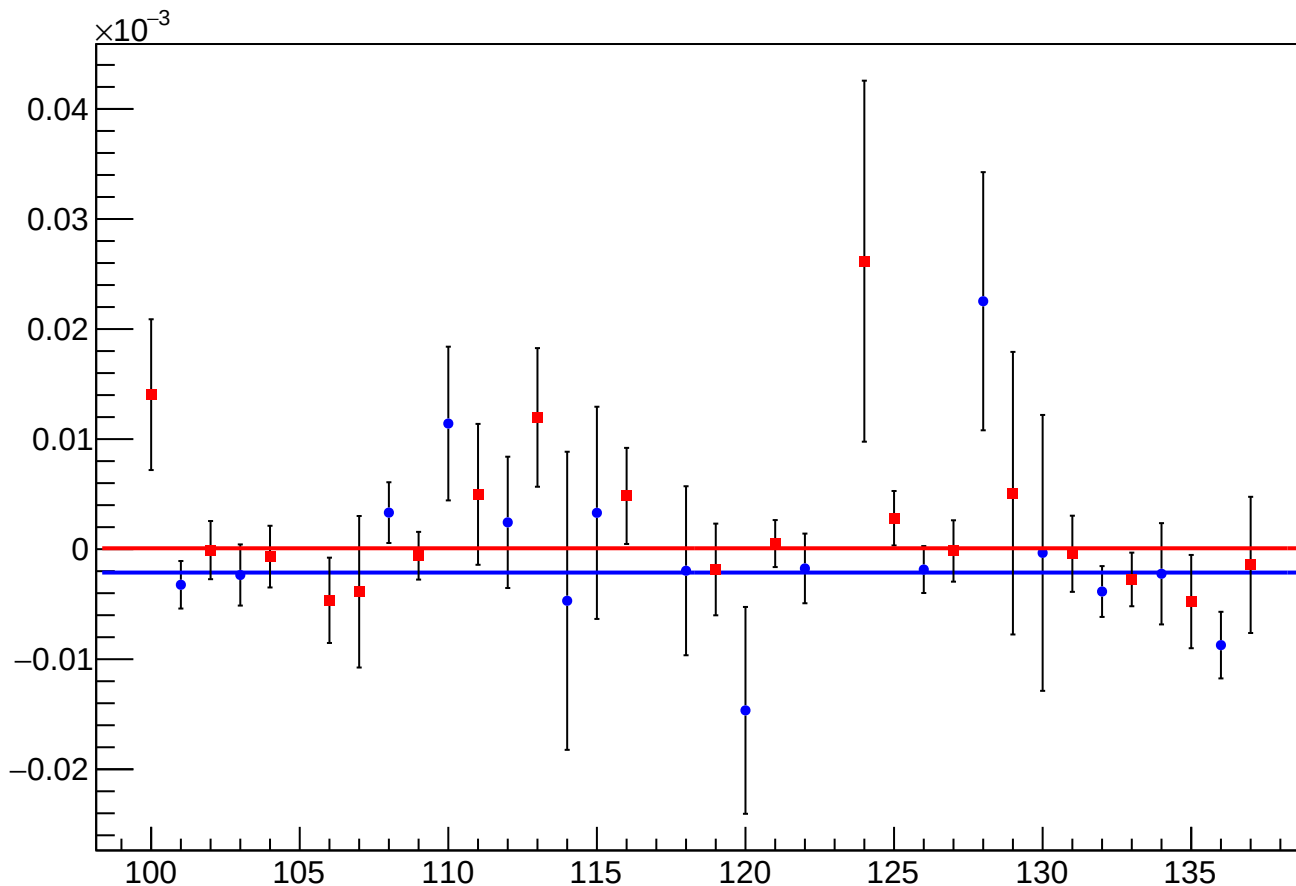
Right: 37.820+/-0.008 χ^2/NDF : 3684788.8/34

In: 37.942+/-0.011 χ^2/NDF : 1739669.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.820+/-0.008 χ^2/NDF : 3684788.8/34

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

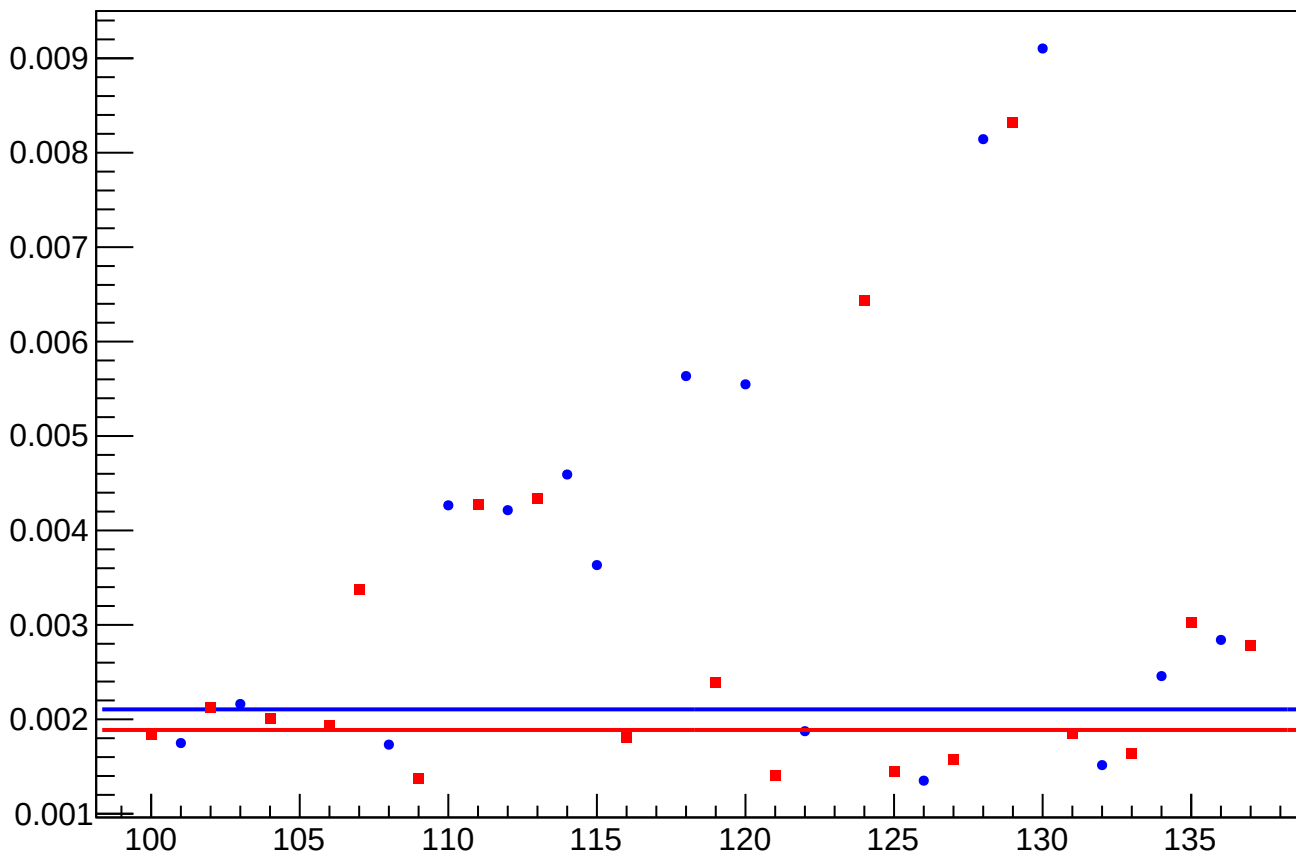
Right: -0.000+/-0.000 χ^2/NDF : 42.2/34

In: -0.000+/-0.000 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.2/34

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3017568.9/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 1892000.0/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 4976274.3/34

In: 0.002+/-0.000

χ^2/NDF :3017568.9/15

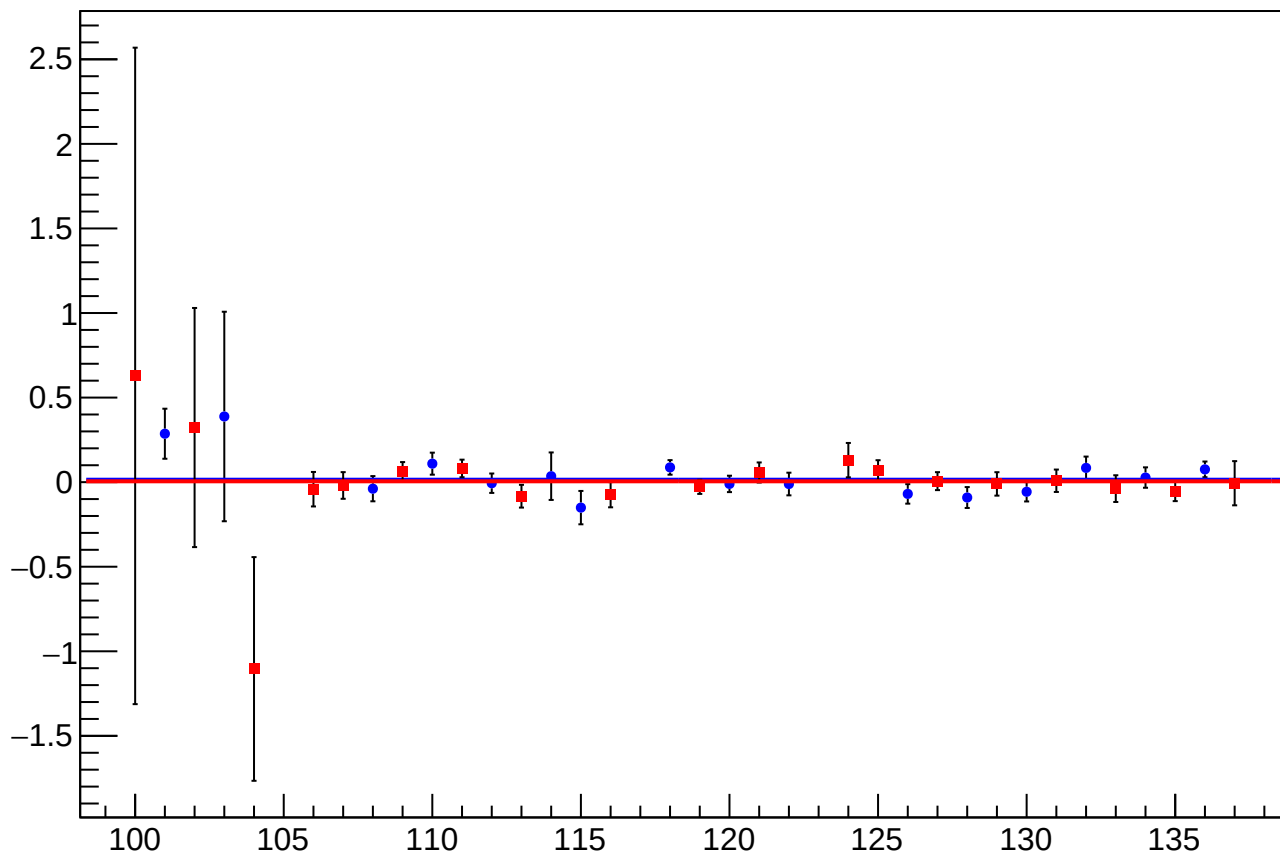
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4976274.3/34

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.016 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

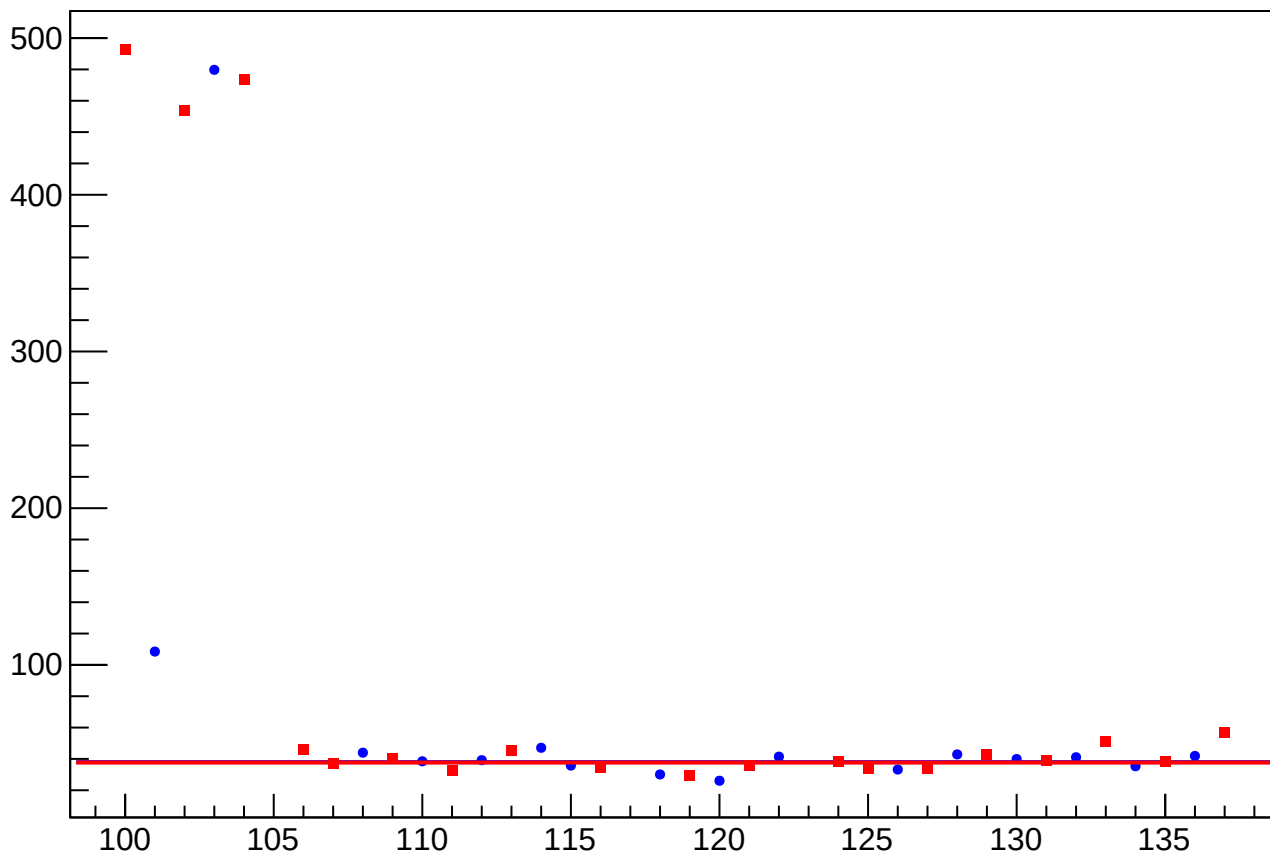
Right: 0.010+/-0.011 χ^2/NDF : 37.1/34

In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.011 χ^2/NDF : 37.1/34

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.942+/-0.011 χ^2/NDF : 1739681.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.695+/-0.011 χ^2/NDF : 1944959.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

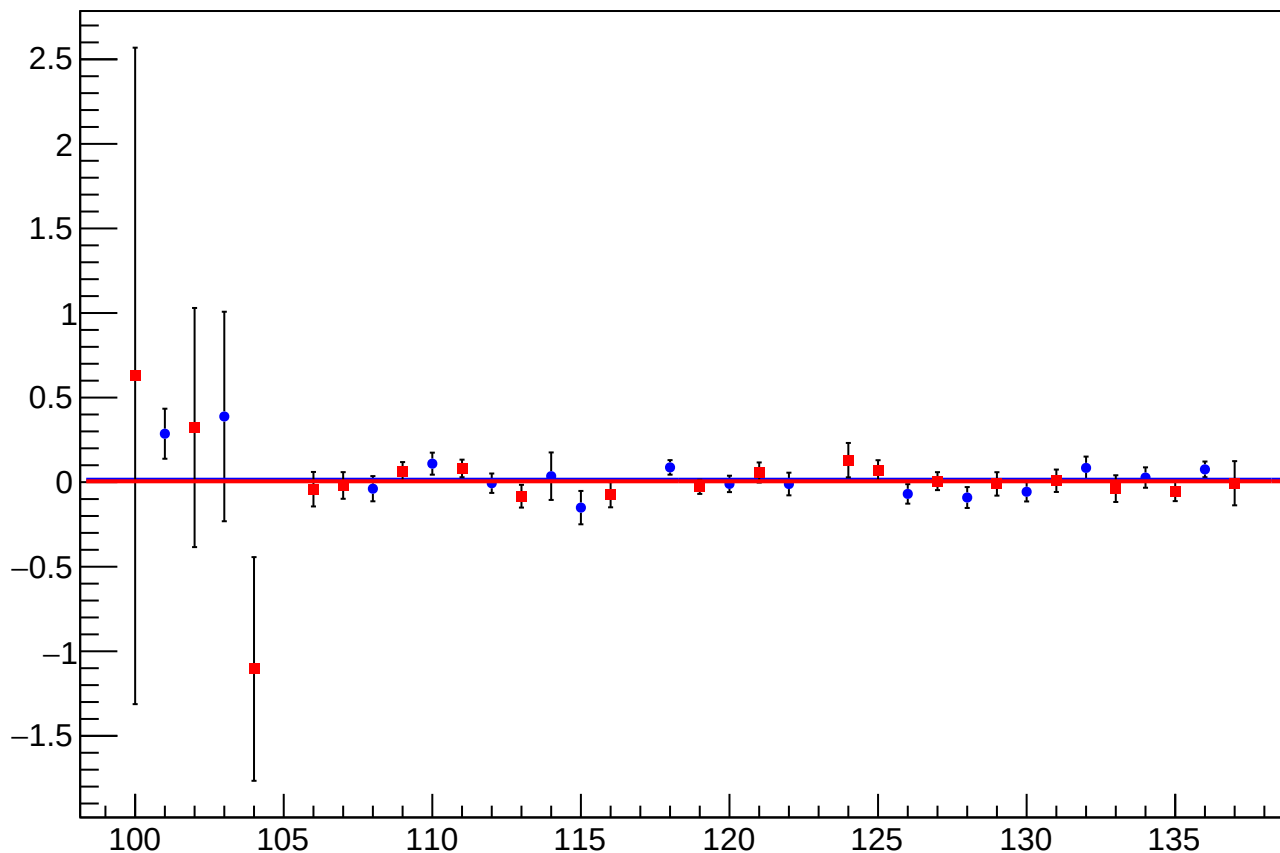
Right: 37.819+/-0.008 χ^2/NDF : 3684879.3/34

In: 37.942+/-0.011 χ^2/NDF : 1739681.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.819+/-0.008 χ^2/NDF : 3684879.3/34

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.016 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

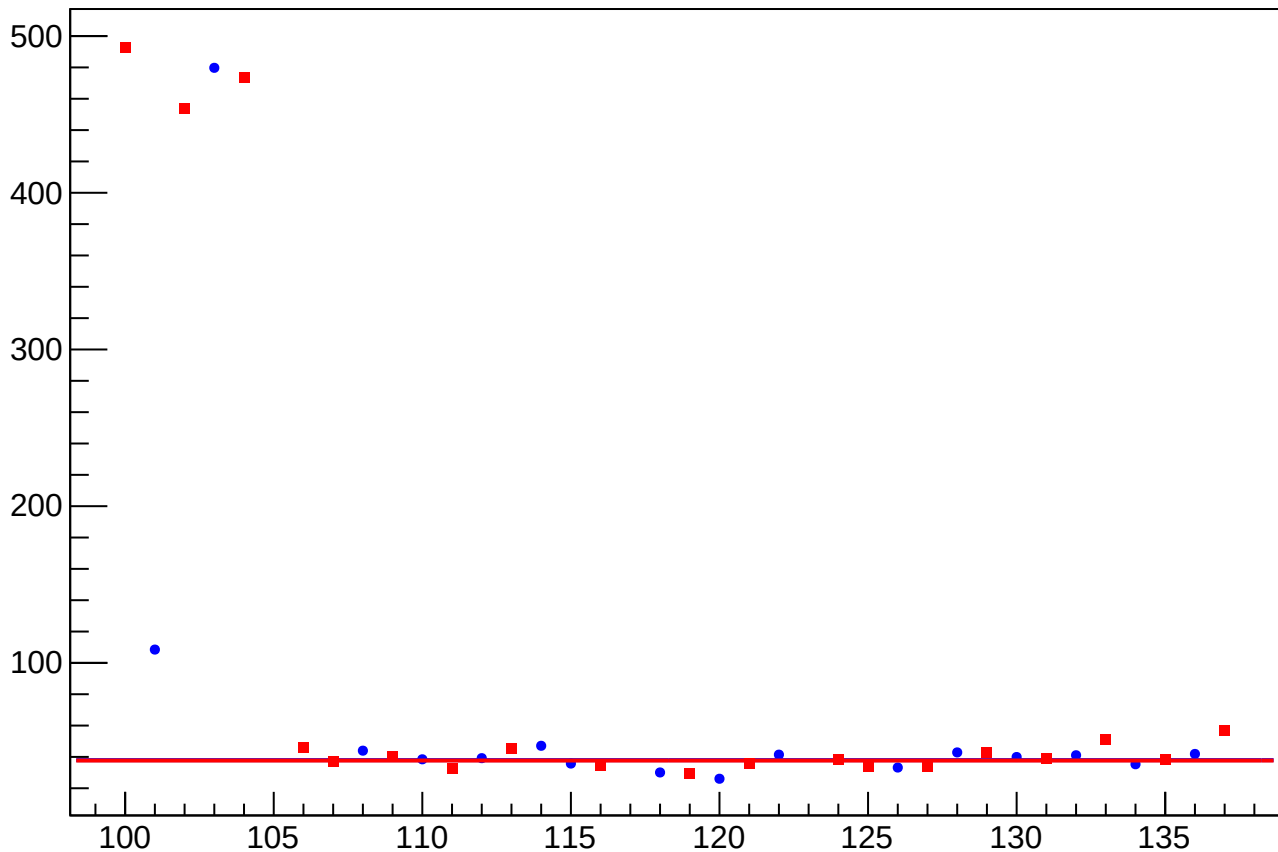
Right: 0.010+/-0.011 χ^2/NDF : 37.1/34

In: 0.014+/-0.016 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.011 χ^2/NDF : 37.1/34

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.942+/-0.011 χ^2/NDF : 1739681.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.695+/-0.011 χ^2/NDF : 1944959.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

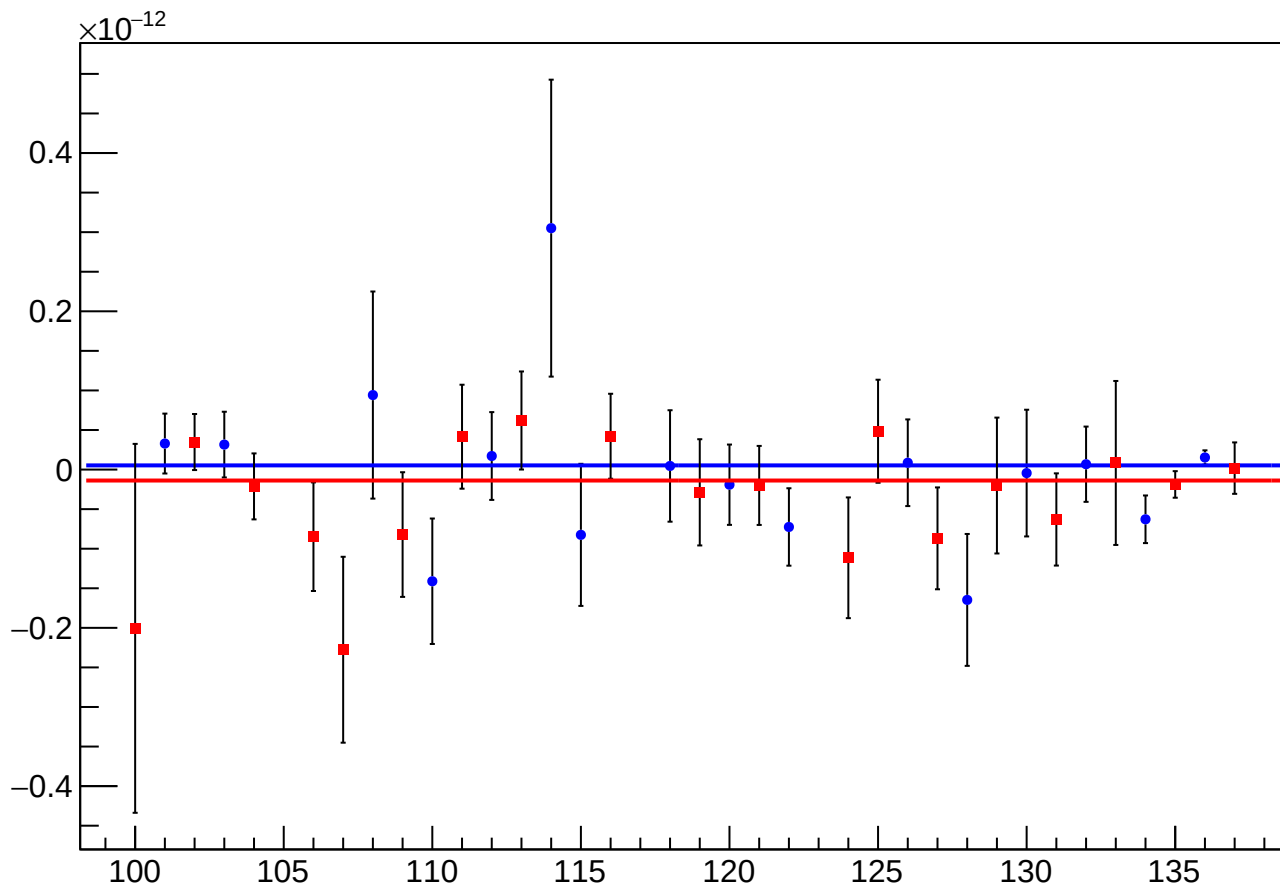
Right: 37.819+/-0.008 χ^2/NDF : 3684879.3/34

In: 37.942+/-0.011 χ^2/NDF : 1739681.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.819+/-0.008 χ^2/NDF : 3684879.3/34

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

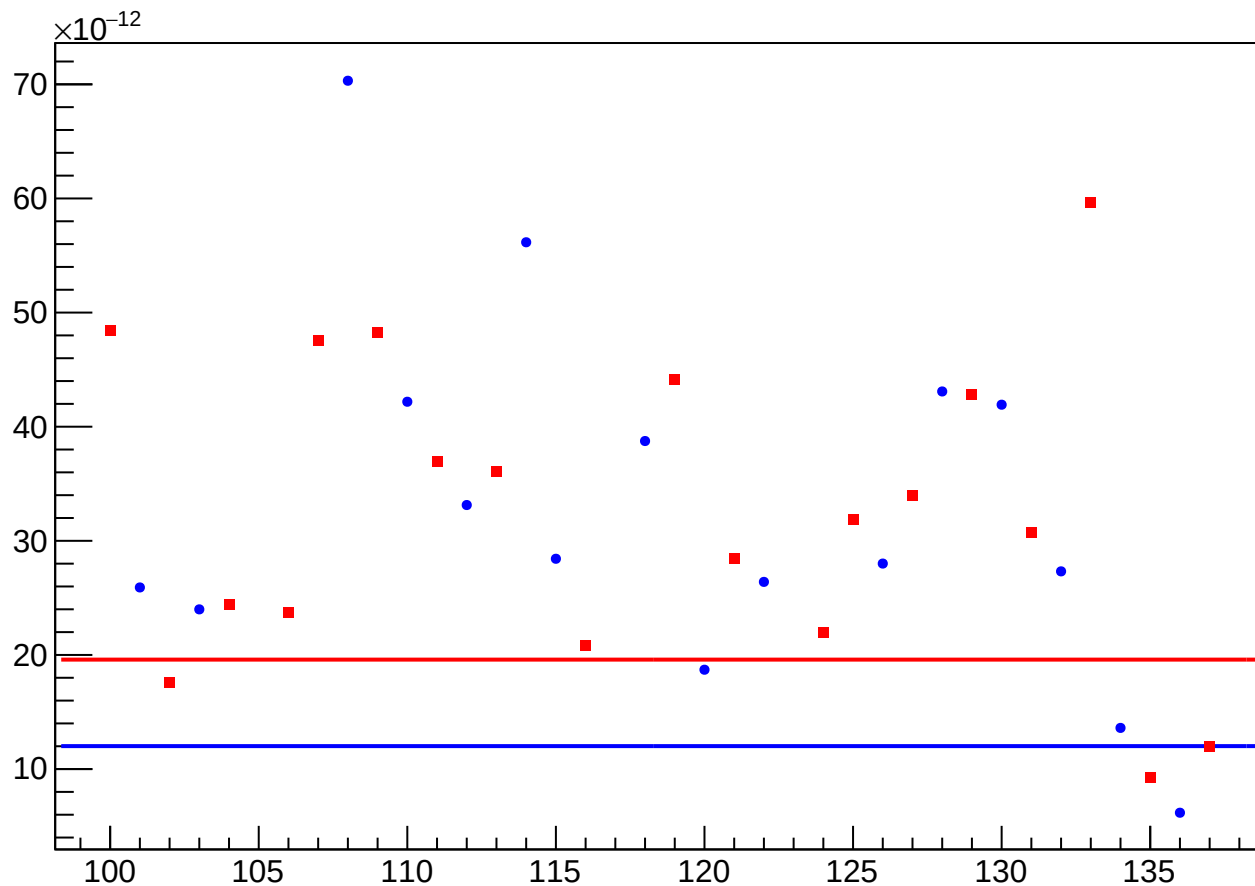
Right: -0.000+/-0.000 χ^2/NDF : 39.8/34

In: 0.000+/-0.000 χ^2/NDF : 21.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.8/34

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3869196.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2619469.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

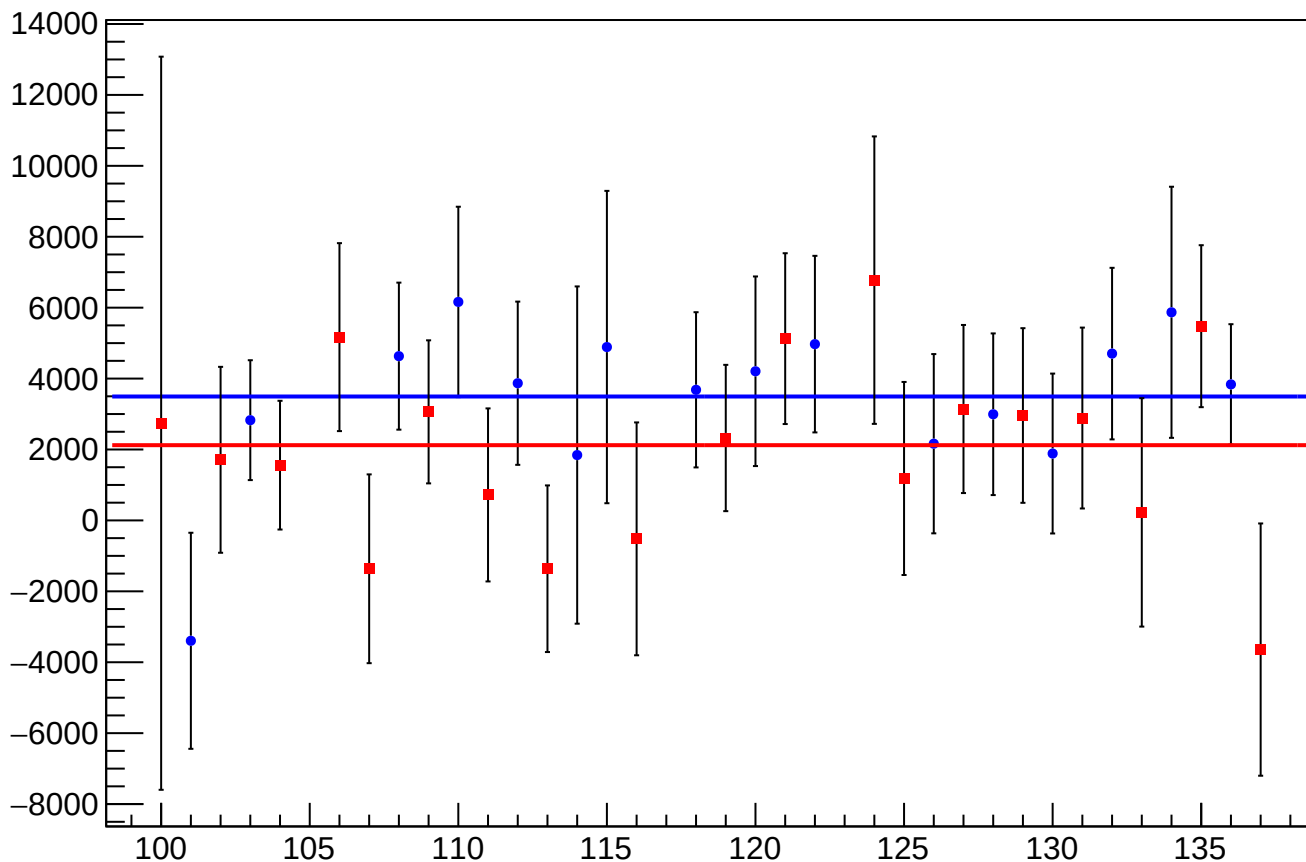
Right: 0.000+/-0.000 χ^2/NDF : 7170019.9/34

In: 0.000+/-0.000 χ^2/NDF :3869196.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7170019.9/34

reg_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3494.380+/-601.185 χ^2/NDF : 8.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2121.717+/-587.617 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

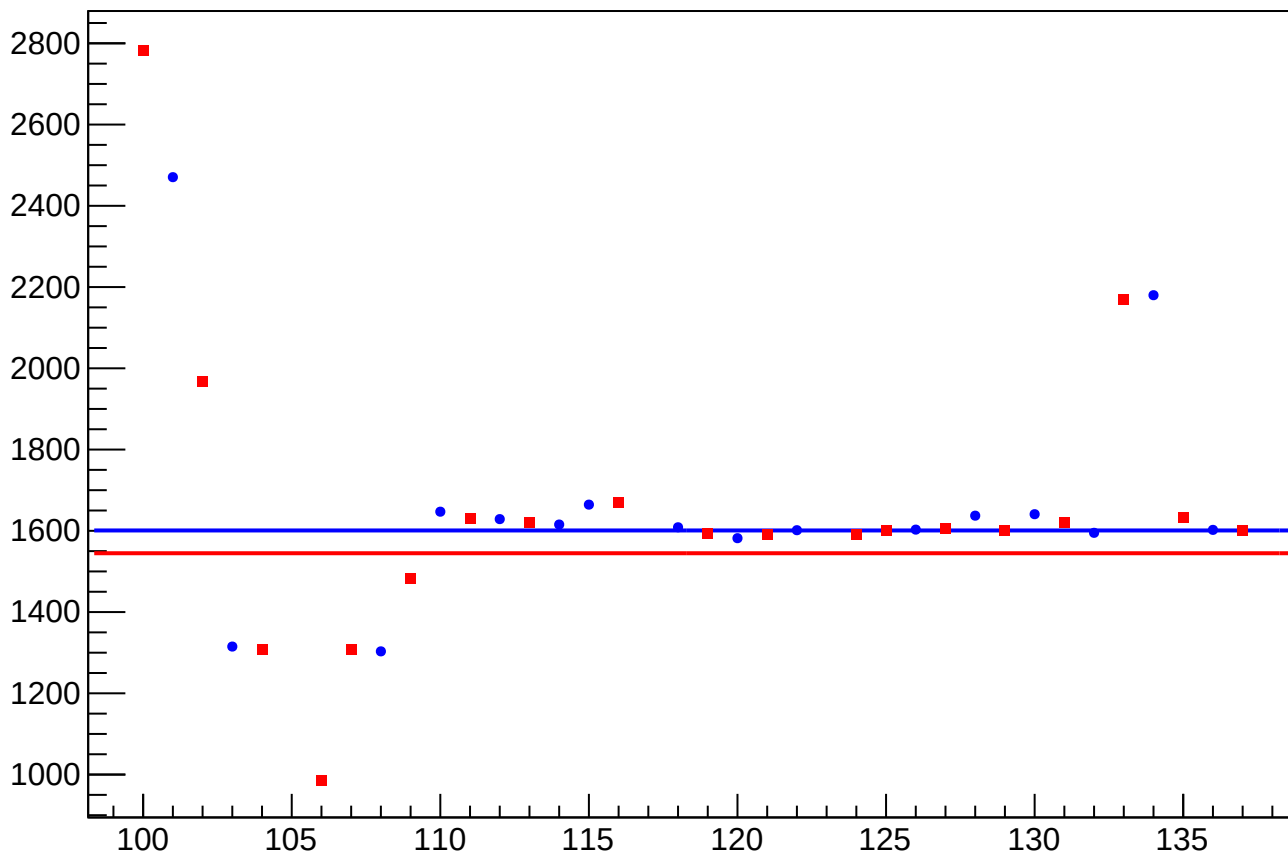
Right: 2792.384+/-420.223 χ^2/NDF : 26.6/34

In: 3494.380+/-601.185 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2792.384+/-420.223 χ^2/NDF : 26.6/34

reg_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.880+/-0.425 χ^2/NDF : 317414.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1544.809+/-0.409 χ^2/NDF : 376127.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

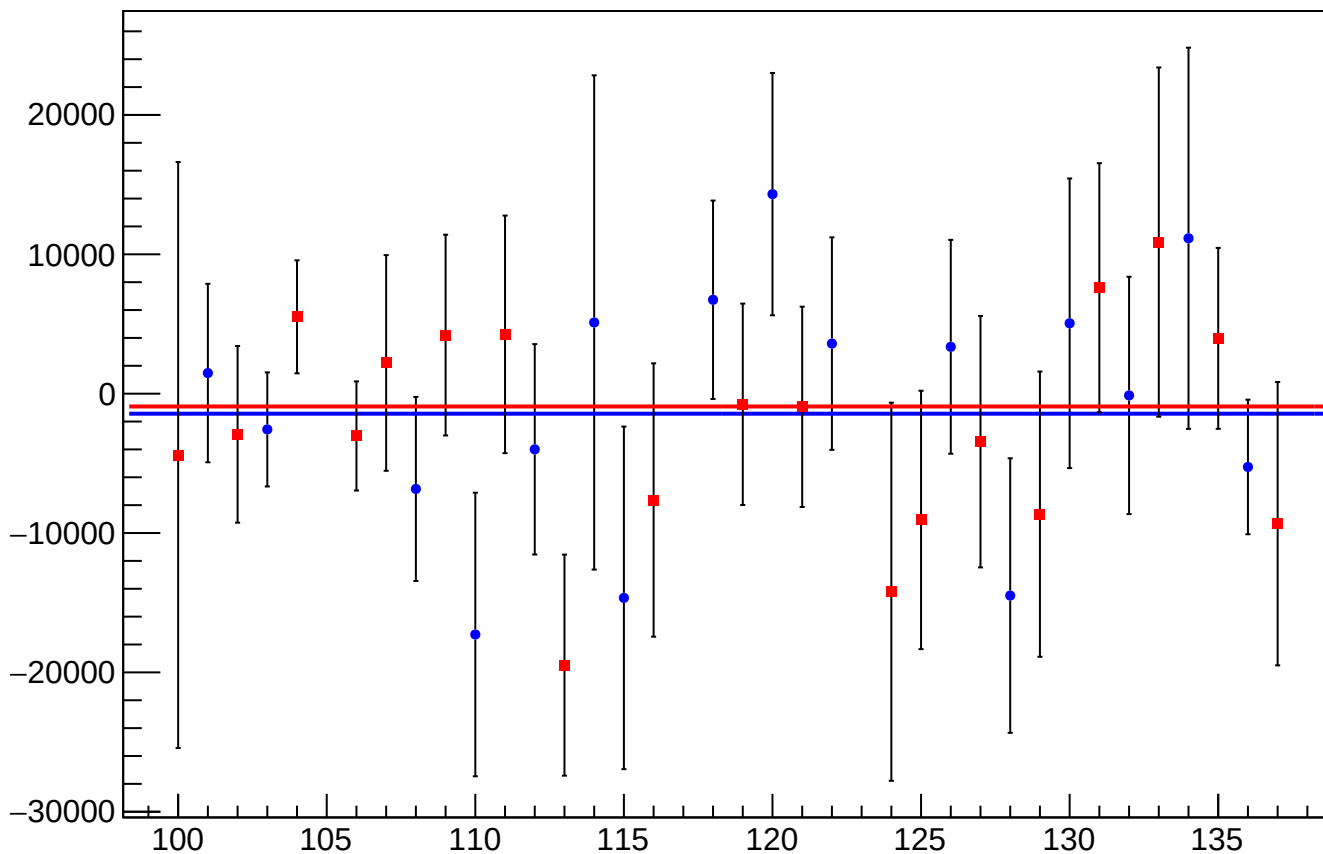
Right: 1571.734+/-0.295 χ^2/NDF : 702584.8/34

In: 1600.880+/-0.425 χ^2/NDF : 317414.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.734+/-0.295 χ^2/NDF : 702584.8/34

asym_usr_atr2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1437.118 $\pm$ 1848.287 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -918.485 $\pm$ 1669.278 χ^2 /NDF: 15.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

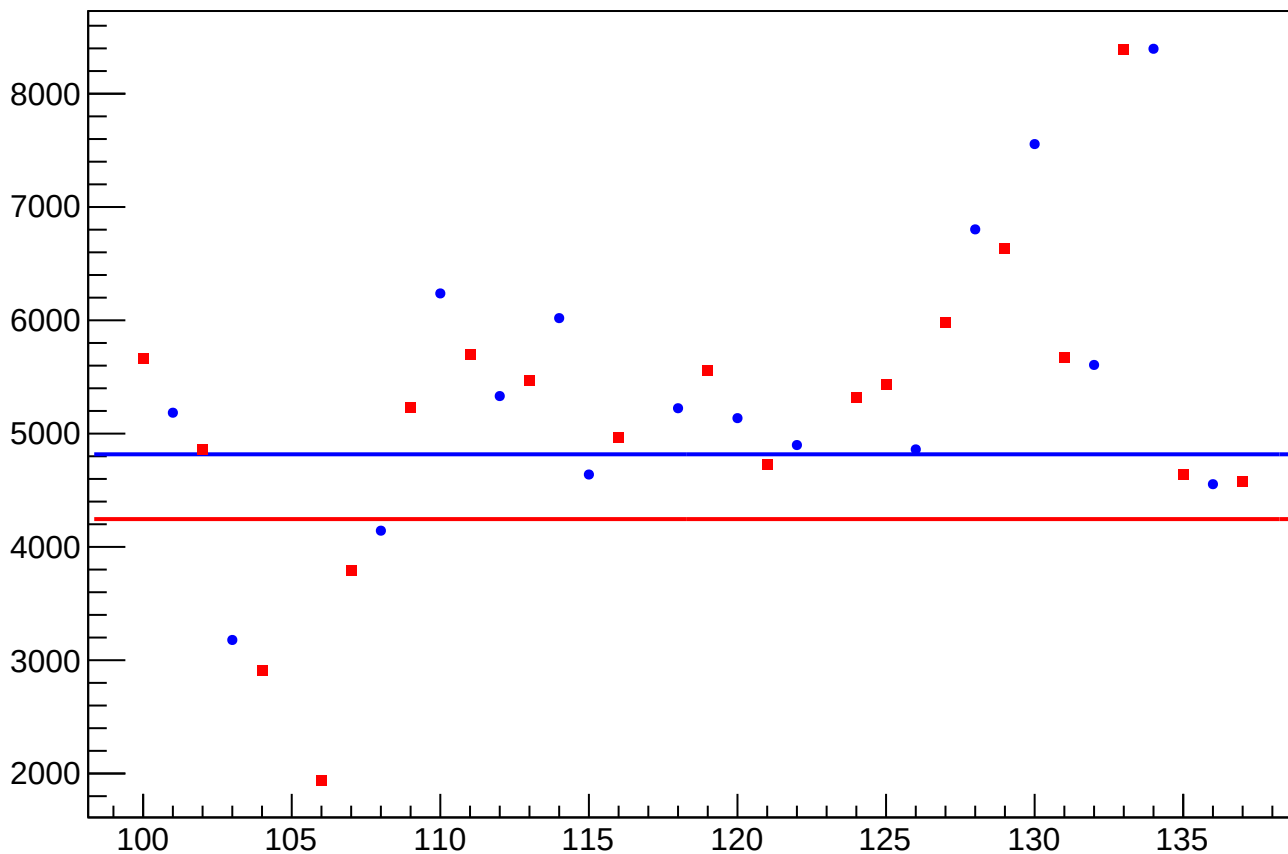
Right: -1151.477 $\pm$ 1238.823 χ^2 /NDF: 29.2/34

In: -1437.118 $\pm$ 1848.287 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1151.477 $\pm$ 1238.823 χ^2 /NDF: 29.2/34

asym_usr_atr2_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4817.344+/-1.307 χ^2/NDF : 795431.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4245.533+/-1.180 χ^2/NDF : 1683159.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

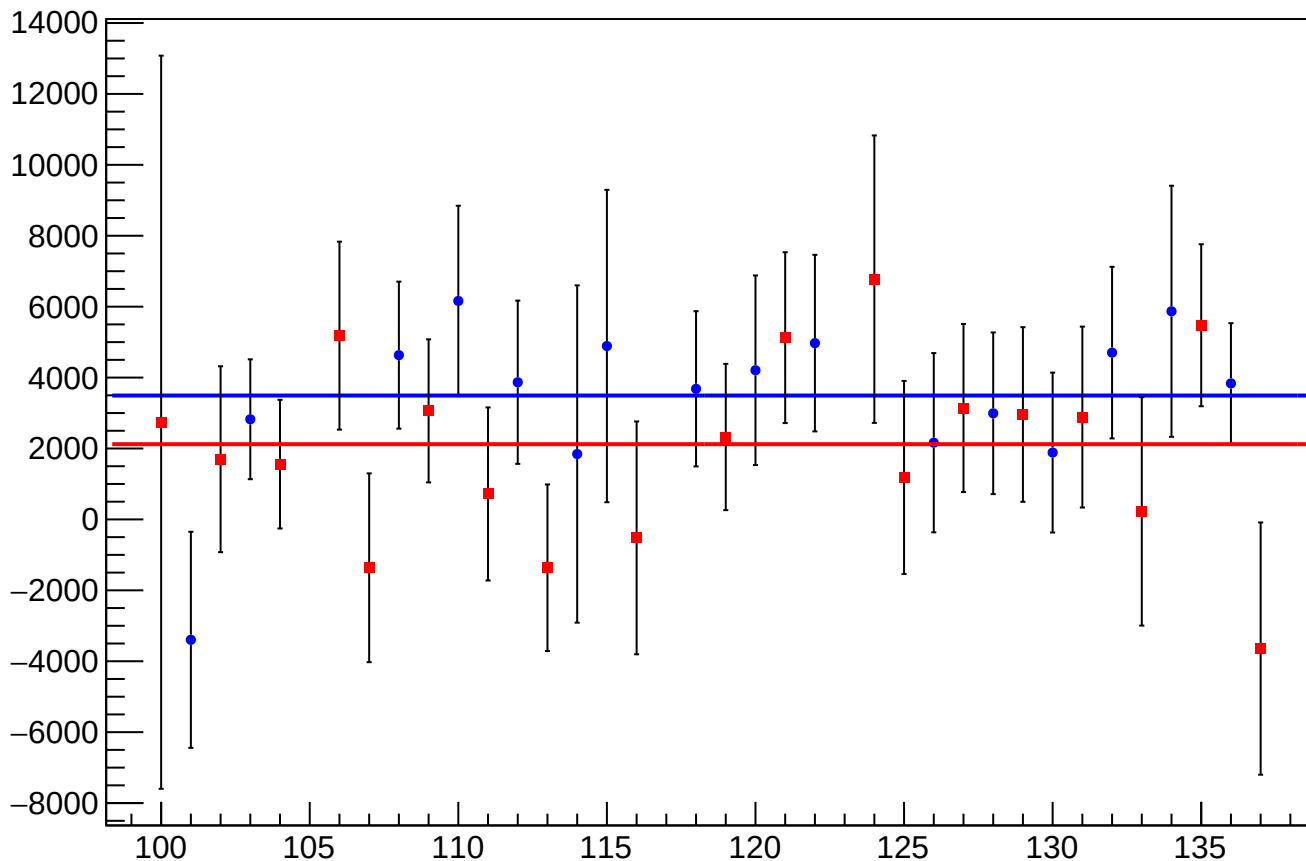
Right: 4502.414+/-0.876 χ^2/NDF : 2584018.5/34

In: 4817.344+/-1.307 χ^2/NDF : 795431.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4502.414+/-0.876 χ^2/NDF : 2584018.5/34

cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3494.046 $\pm$ 601.185 χ^2 /NDF: 8.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2121.708 $\pm$ 587.619 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

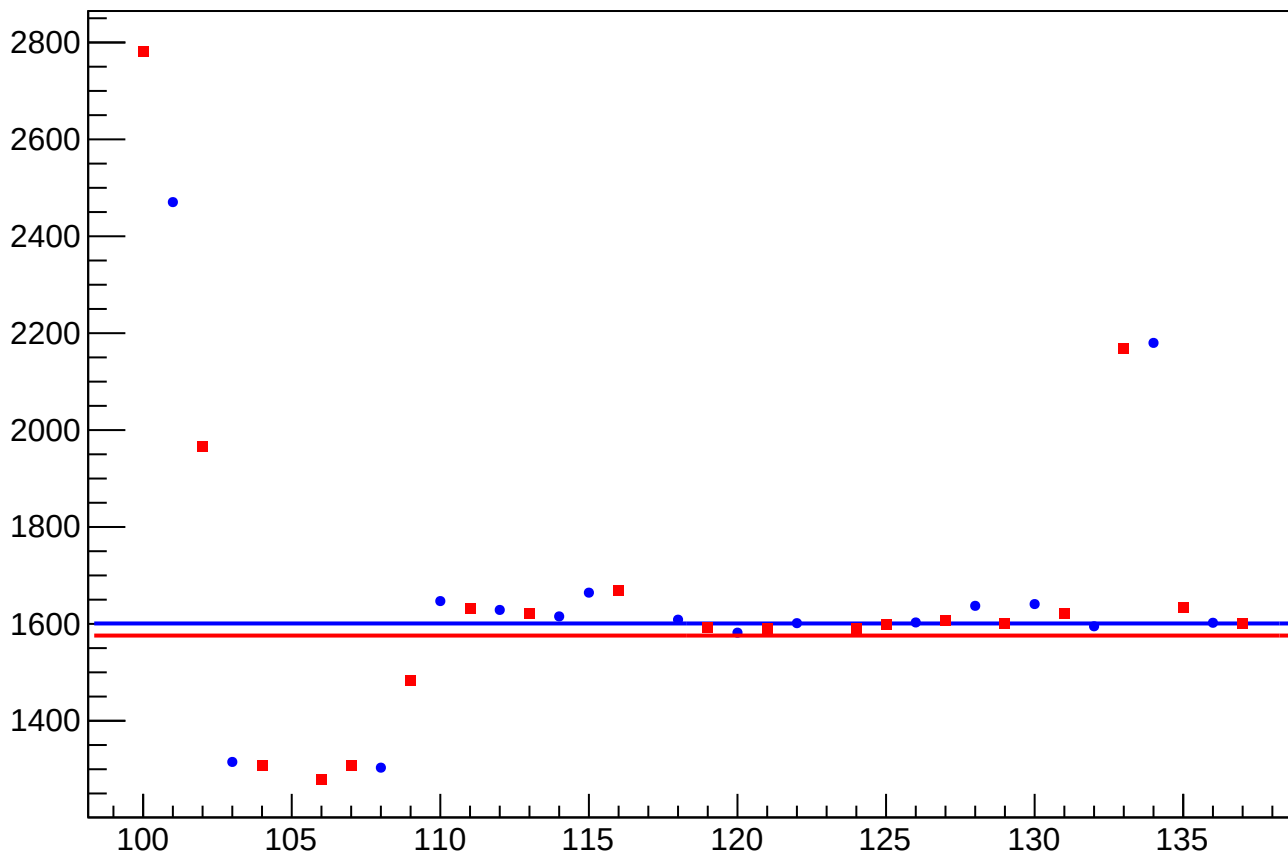
Right: 2792.219 $\pm$ 420.224 χ^2 /NDF: 26.6/34

In: 3494.046 $\pm$ 601.185 χ^2 /NDF:8.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2792.219 $\pm$ 420.224 χ^2 /NDF: 26.6/34

cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.900+/-0.414 χ^2/NDF : 243332.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

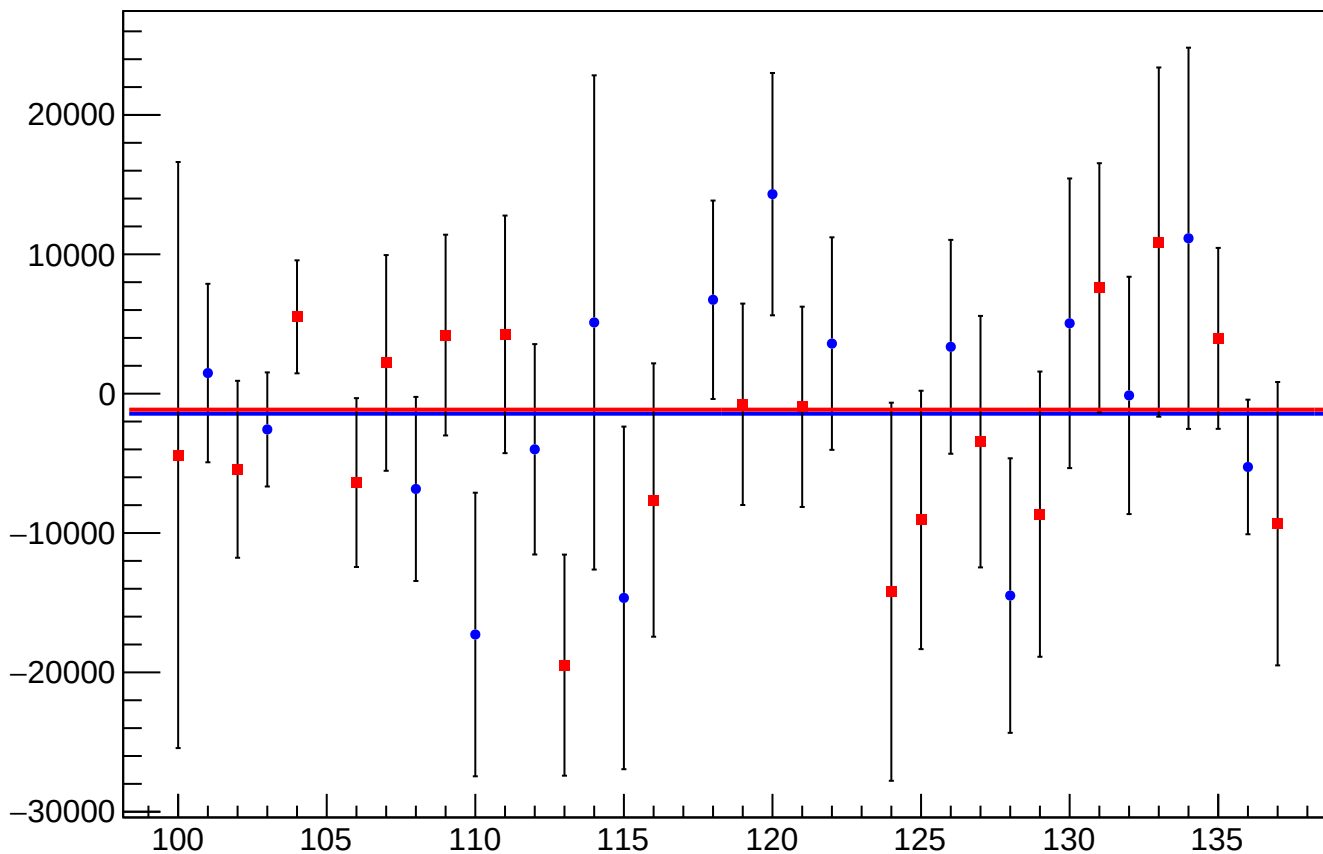
Right: 1588.056+/-0.297 χ^2/NDF : 562517.7/34

In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.056+/-0.297 χ^2/NDF : 562517.7/34

asym_usr_atr2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.174+/-1765.384 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

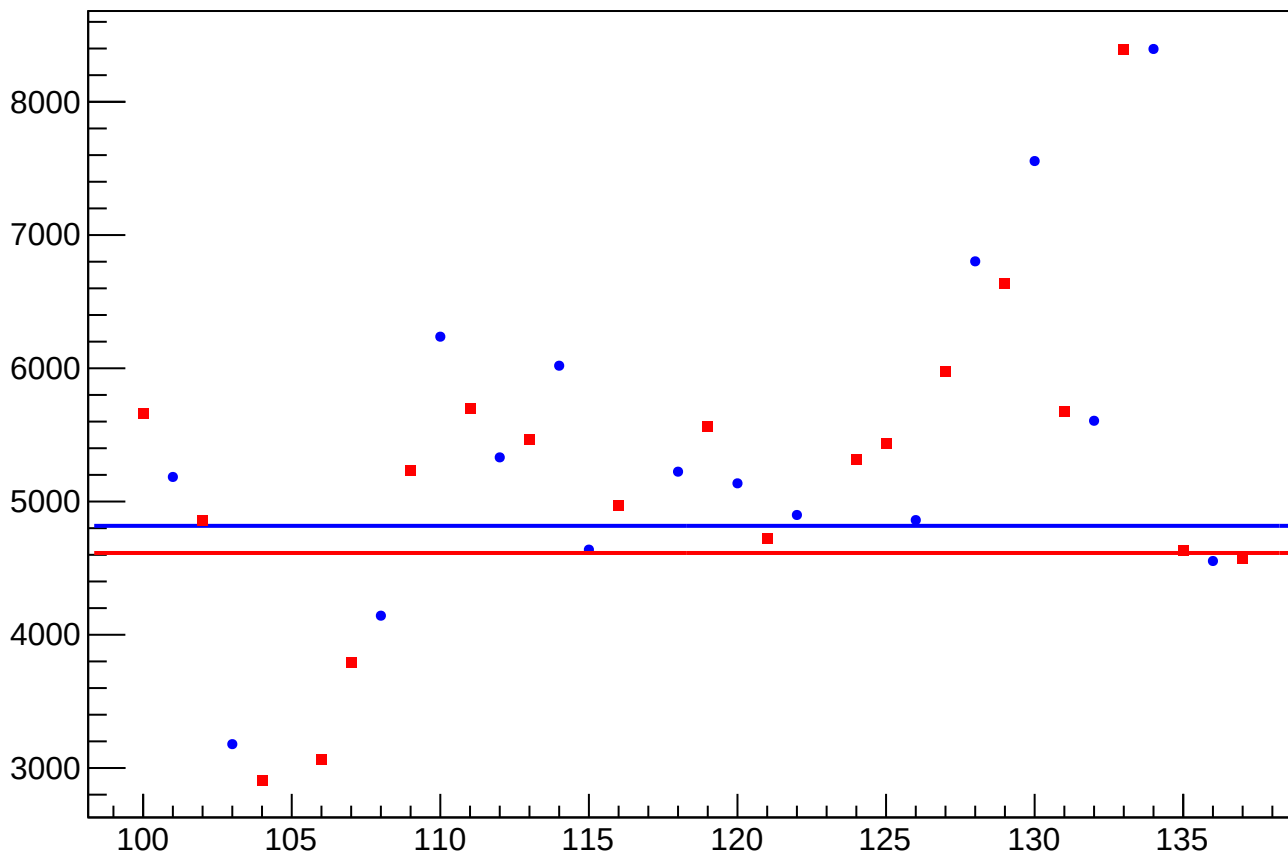
Right: -1285.089+/-1276.630 χ^2/NDF : 30.1/34

In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1285.089+/-1276.630 χ^2/NDF : 30.1/34

asym_usr_atr2_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.851+/-1.248 χ^2/NDF : 977958.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

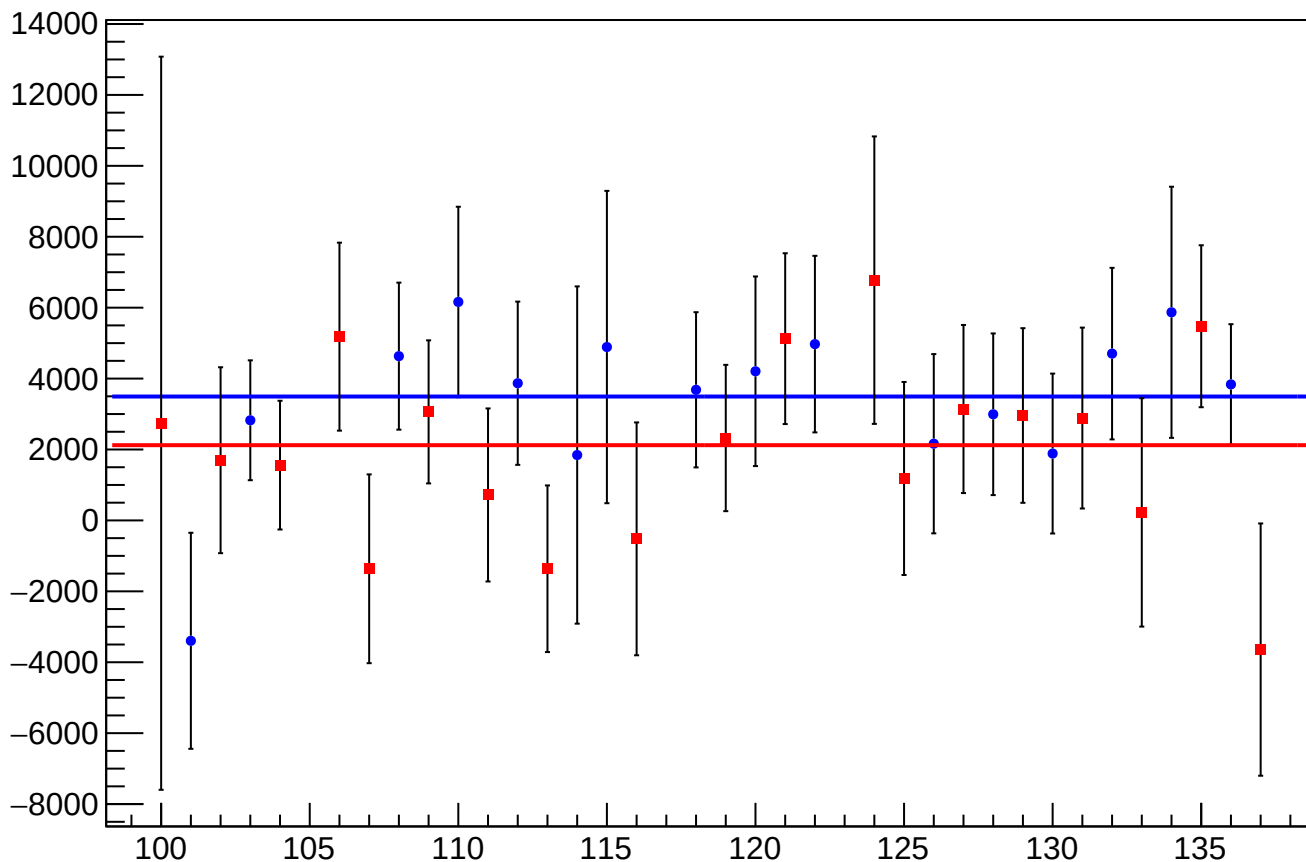
Right: 4710.994+/-0.903 χ^2/NDF : 1785885.7/34

In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4710.994+/-0.903 χ^2/NDF : 1785885.7/34

eigen_cor_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3494.046+/-601.185 χ^2/NDF : 8.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2121.708+/-587.619 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

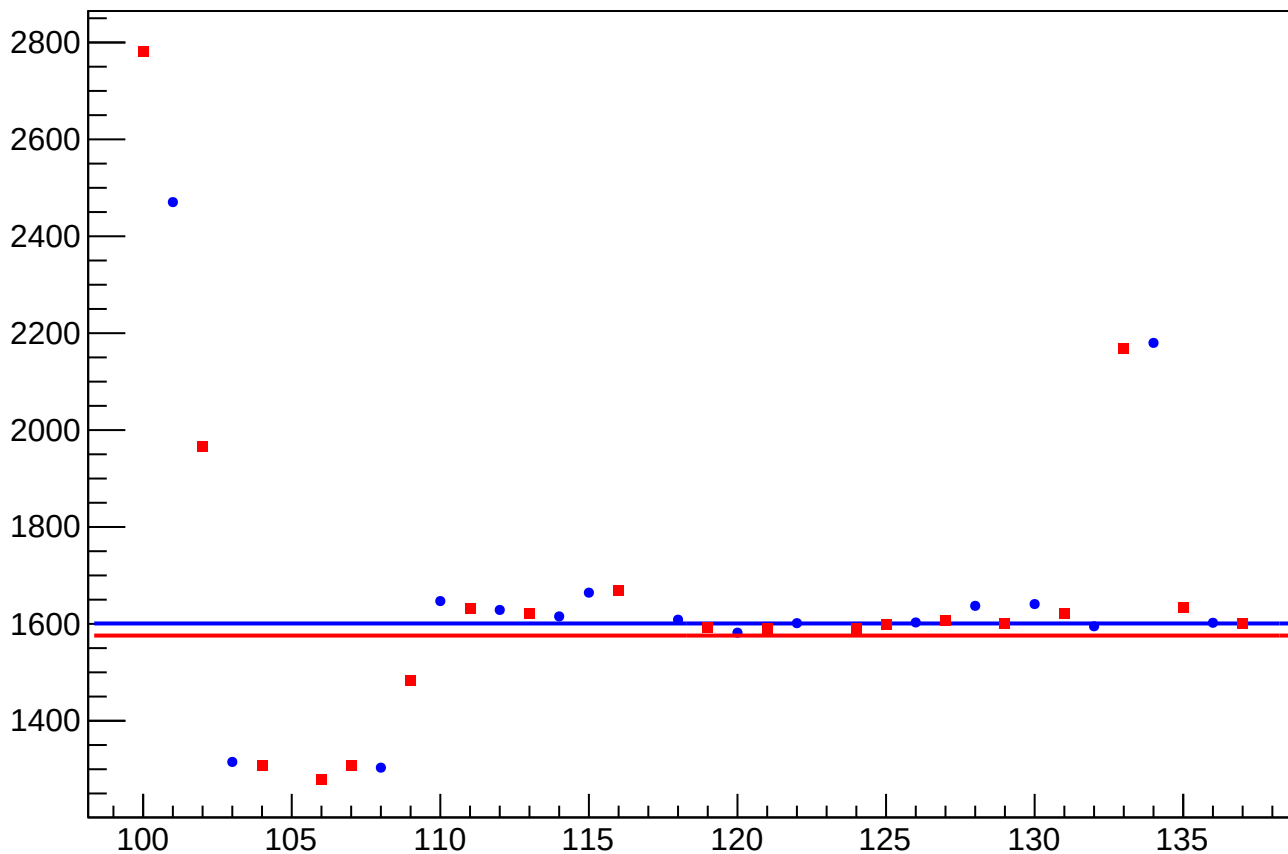
Right: 2792.219+/-420.224 χ^2/NDF : 26.6/34

In: 3494.046+/-601.185 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2792.219+/-420.224 χ^2/NDF : 26.6/34

eigen_cor_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.900+/-0.414 χ^2/NDF : 243332.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

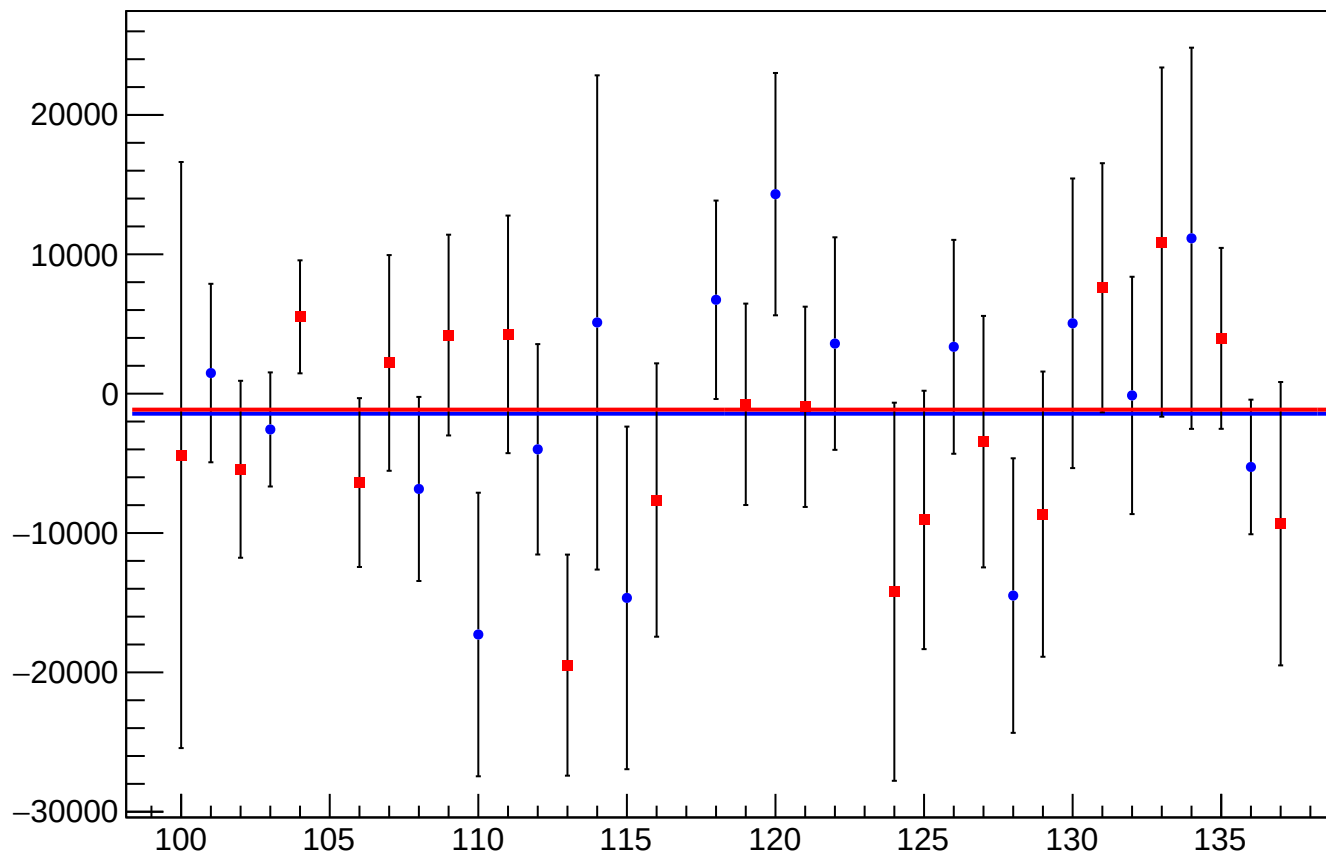
Right: 1588.056+/-0.297 χ^2/NDF : 562517.7/34

In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1588.056+/-0.297 χ^2/NDF : 562517.7/34

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1146.174+/-1765.384 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

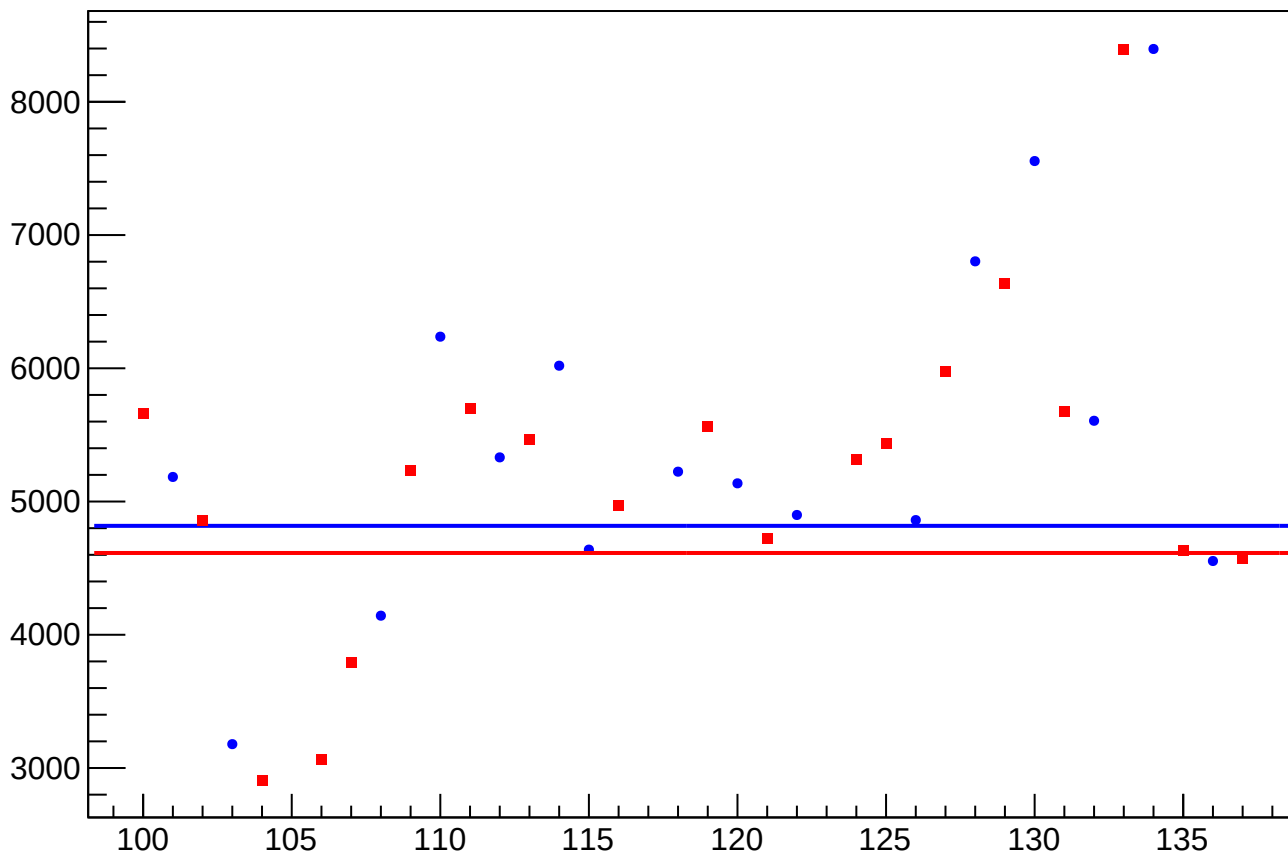
Right: -1285.089+/-1276.630 χ^2/NDF : 30.1/34

In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1285.089+/-1276.630 χ^2/NDF : 30.1/34

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4613.851+/-1.248 χ^2/NDF : 977958.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

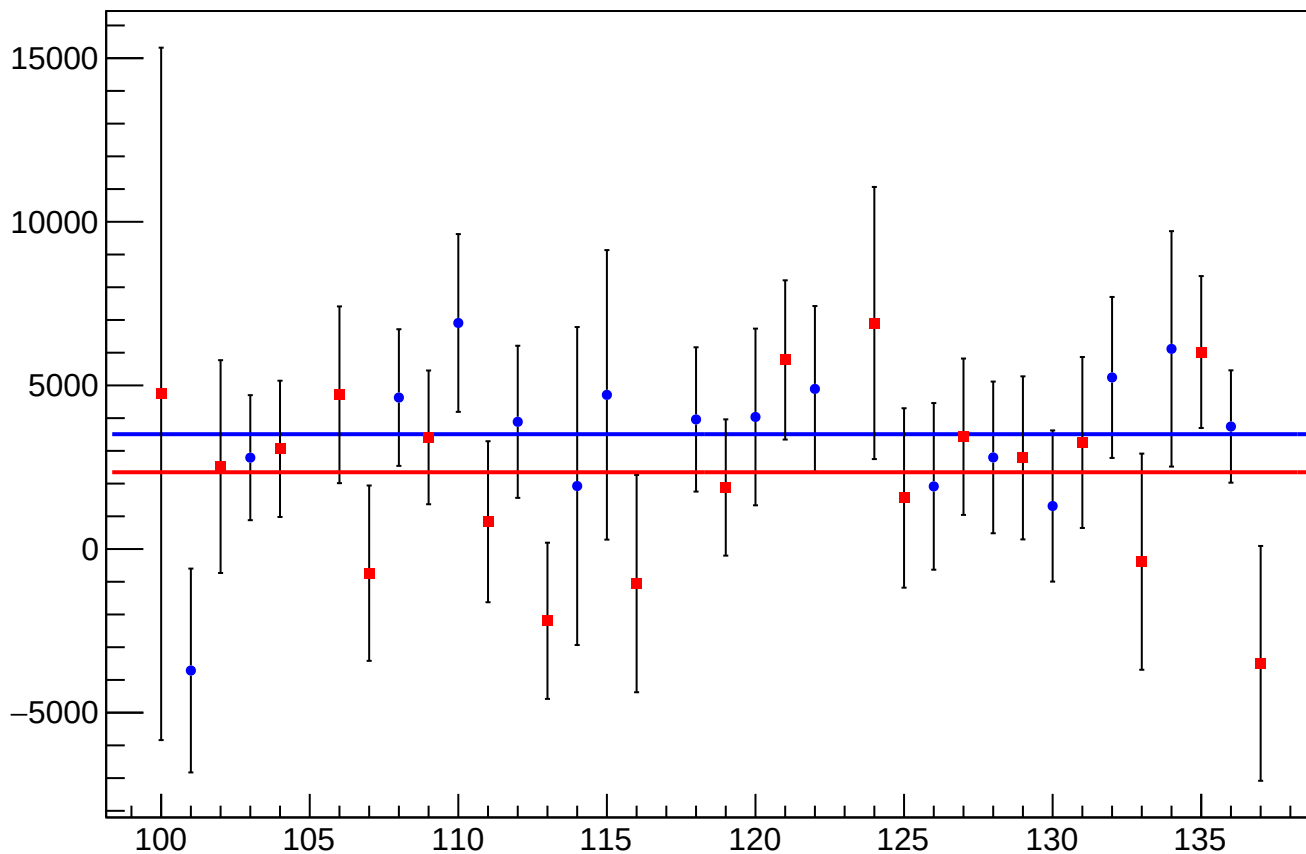
Right: 4710.994+/-0.903 χ^2/NDF : 1785885.7/34

In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4710.994+/-0.903 χ^2/NDF : 1785885.7/34

dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3509.507+/-616.724 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2346.859+/-607.502 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

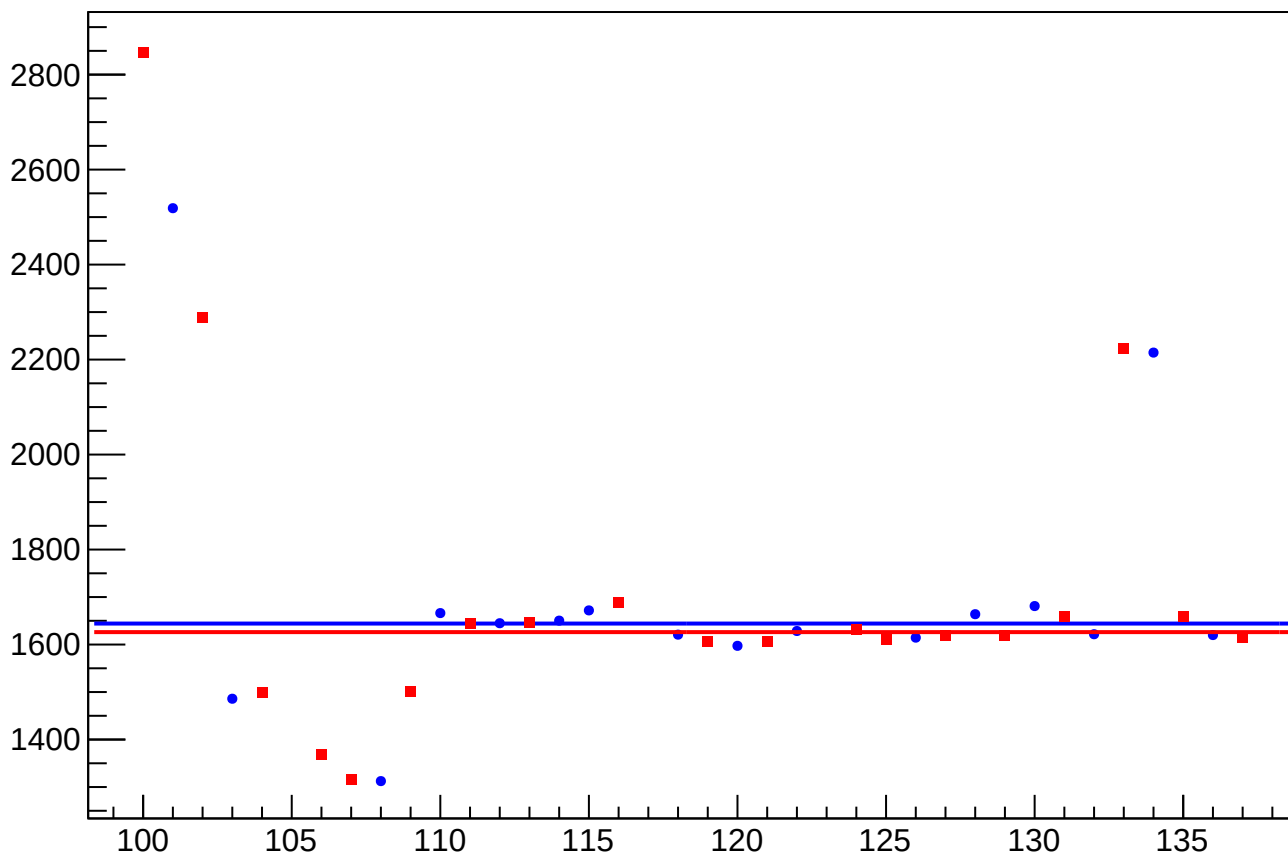
Right: 2919.425+/-432.793 χ^2/NDF : 29.3/34

In: 3509.507+/-616.724 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2919.425+/-432.793 χ^2/NDF : 29.3/34

dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1644.198+/-0.436 χ^2/NDF : 274817.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.174+/-0.429 χ^2/NDF : 237639.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

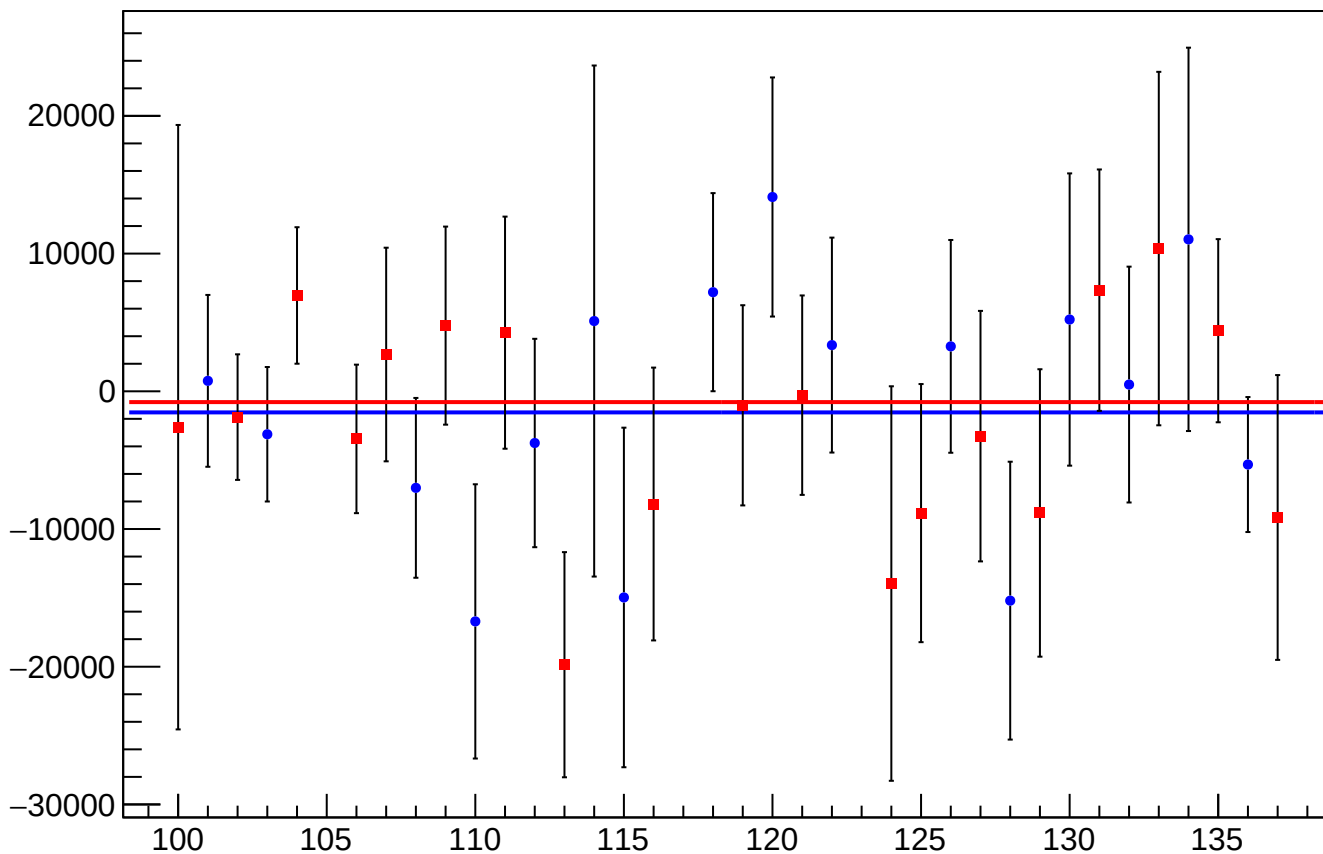
Right: 1635.043+/-0.306 χ^2/NDF : 513324.8/34

In: 1644.198+/-0.436 χ^2/NDF : 274817.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.043+/-0.306 χ^2/NDF : 513324.8/34

asym_usr_atr2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1532.110+/-1913.799 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -784.235+/-1748.566 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

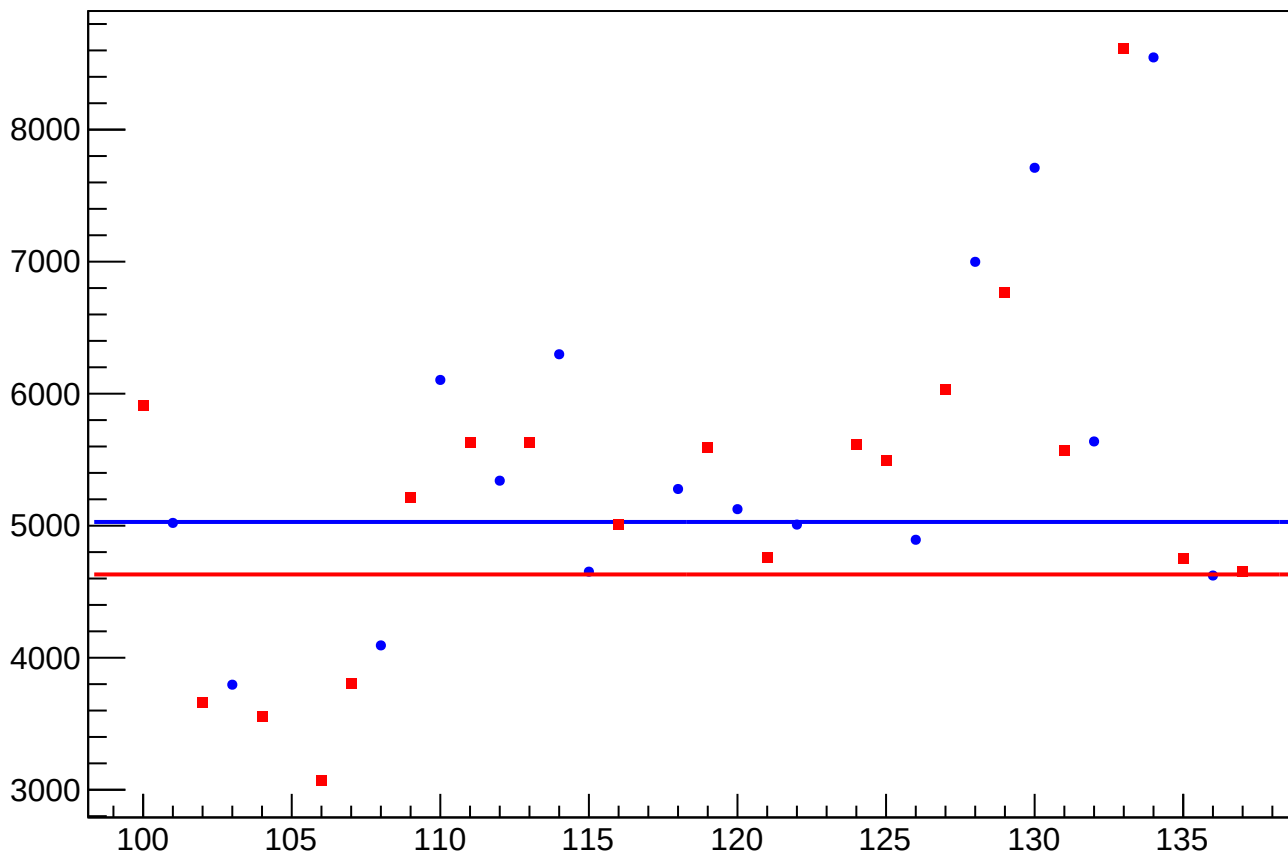
Right: -1124.500+/-1290.893 χ^2/NDF : 29.0/34

In: -1532.110+/-1913.799 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1124.500+/-1290.893 χ^2/NDF : 29.0/34

asym_usr_atr2_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 5028.449+/-1.353 χ^2/NDF : 565469.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4630.901+/-1.236 χ^2/NDF : 863515.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

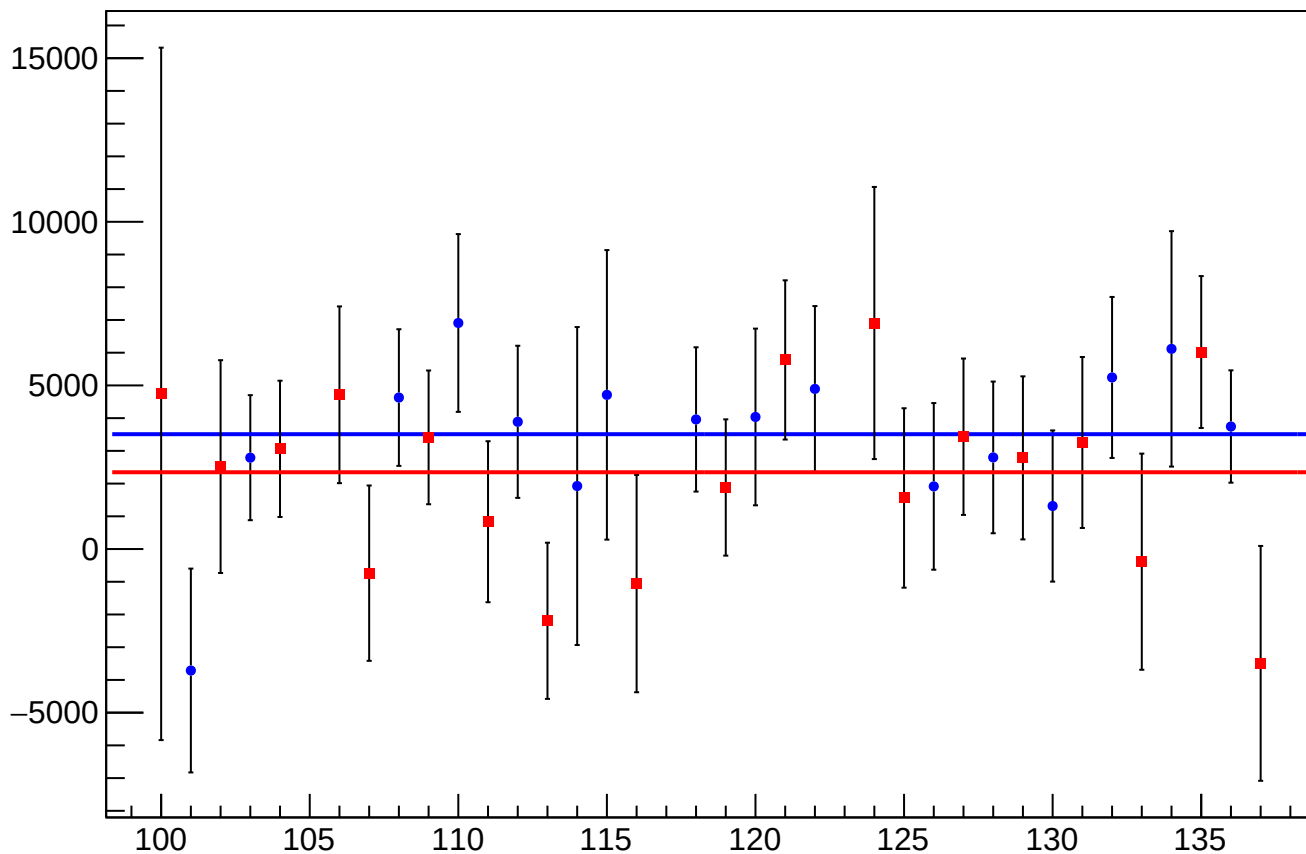
Right: 4811.776+/-0.913 χ^2/NDF : 1476020.7/34

In: 5028.449+/-1.353 χ^2/NDF : 565469.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4811.776+/-0.913 χ^2/NDF : 1476020.7/34

eigen_dit_asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 3509.509+/-616.724 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2346.865+/-607.502 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

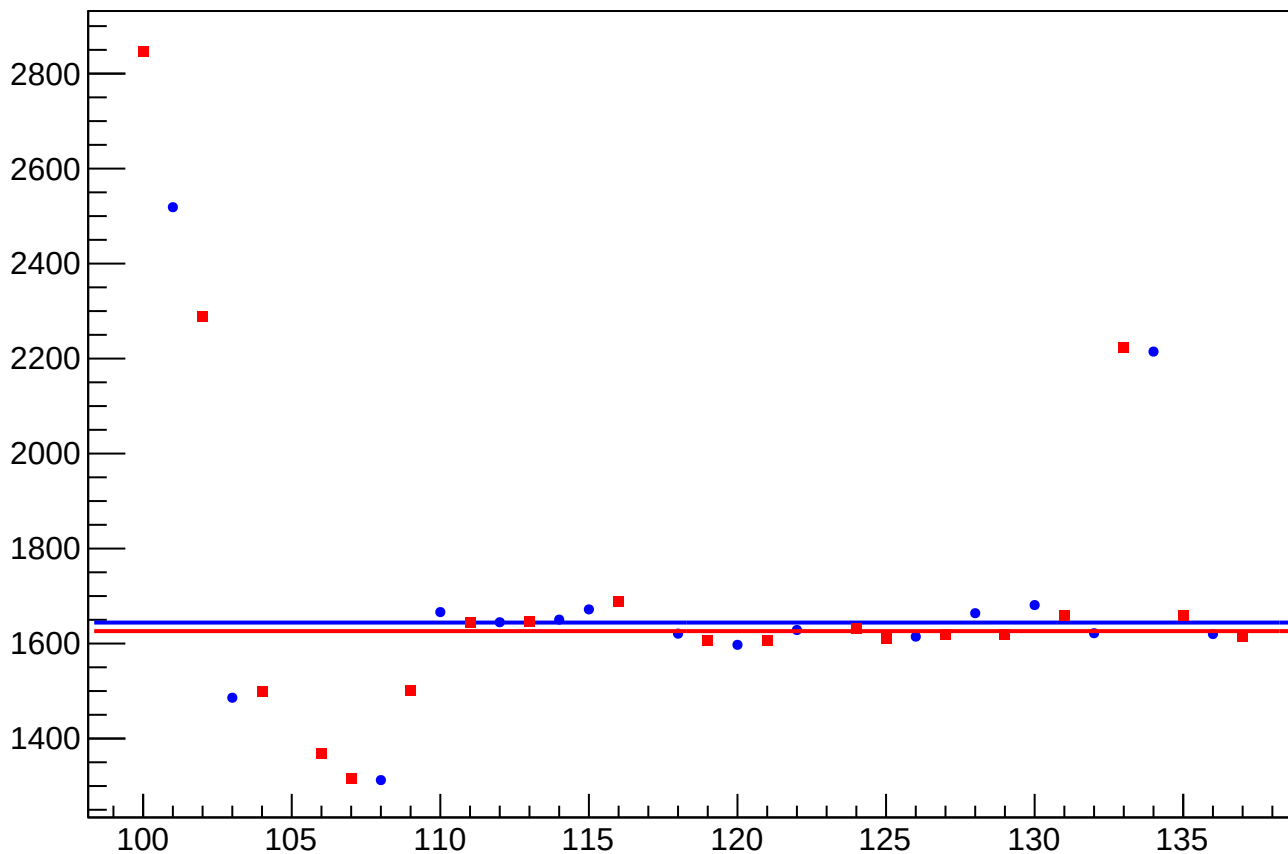
Right: 2919.429+/-432.792 χ^2/NDF : 29.3/34

In: 3509.509+/-616.724 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2919.429+/-432.792 χ^2/NDF : 29.3/34

eigen_dit_asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 1644.198+/-0.436 χ^2/NDF : 274818.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.174+/-0.429 χ^2/NDF : 237638.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

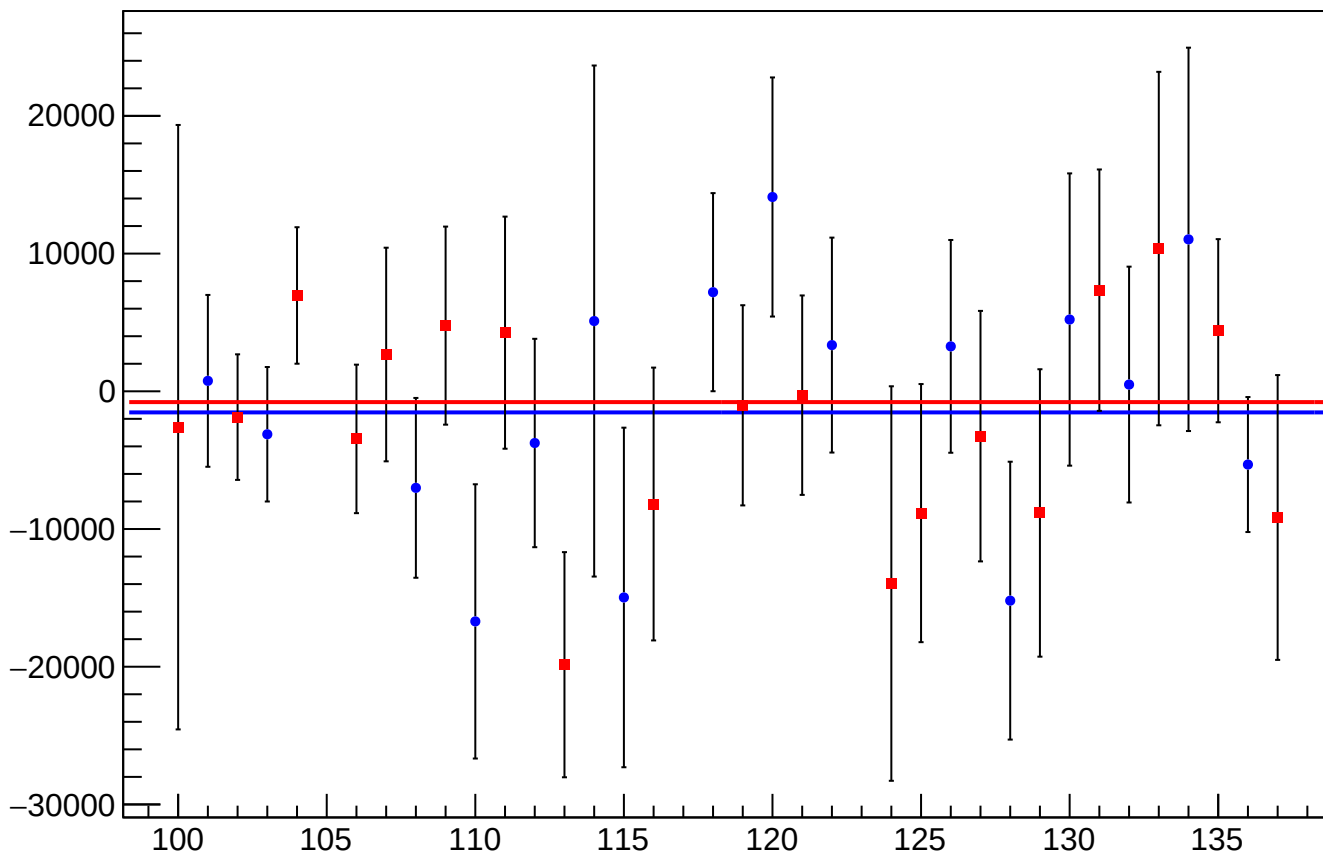
Right: 1635.042+/-0.306 χ^2/NDF : 513324.5/34

In: 1644.198+/-0.436 χ^2/NDF : 274818.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.042+/-0.306 χ^2/NDF : 513324.5/34

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1532.095+/-1913.796 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -784.236+/-1748.563 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

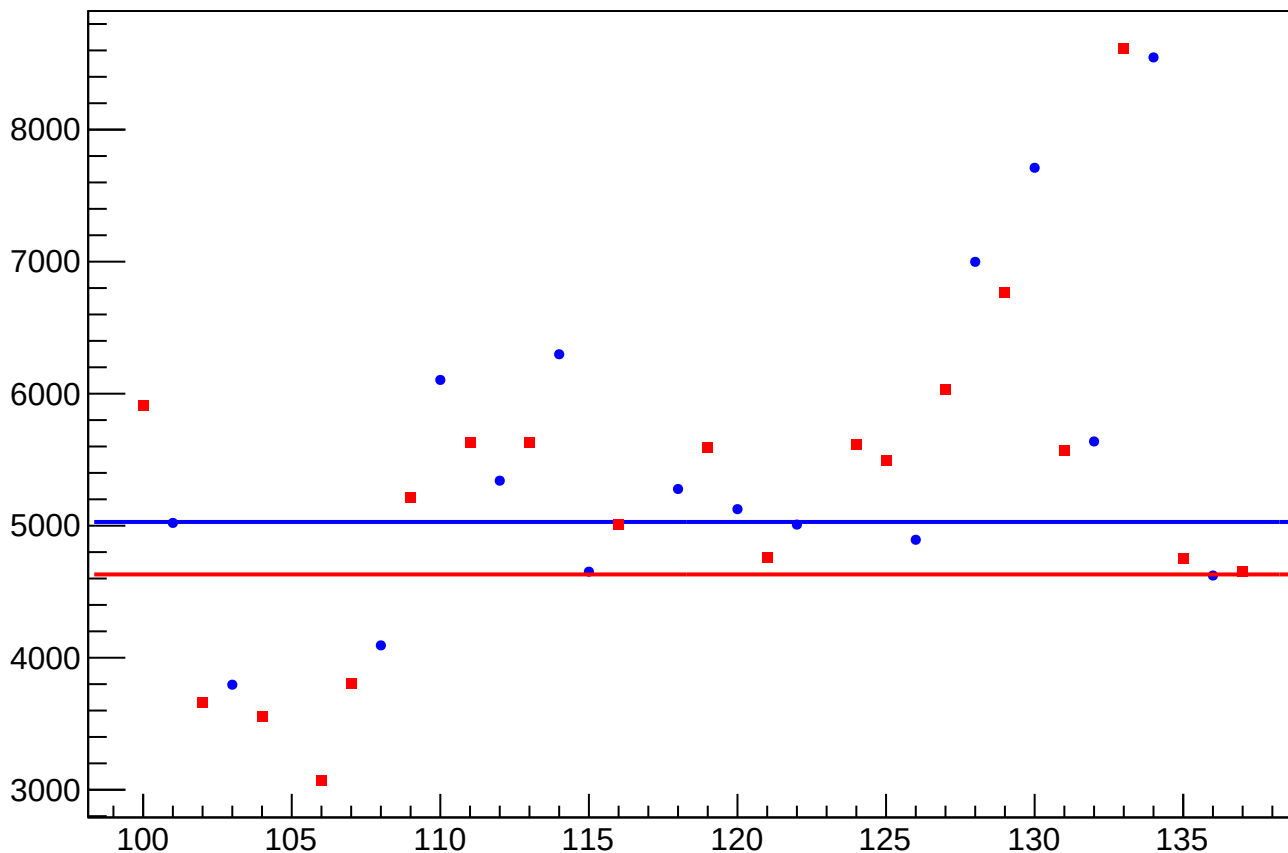
Right: -1124.493+/-1290.891 χ^2/NDF : 29.0/34

In: -1532.095+/-1913.796 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1124.493+/-1290.891 χ^2/NDF : 29.0/34

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 5028.443+/-1.353 χ^2/NDF : 565463.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4630.895+/-1.236 χ^2/NDF : 863509.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

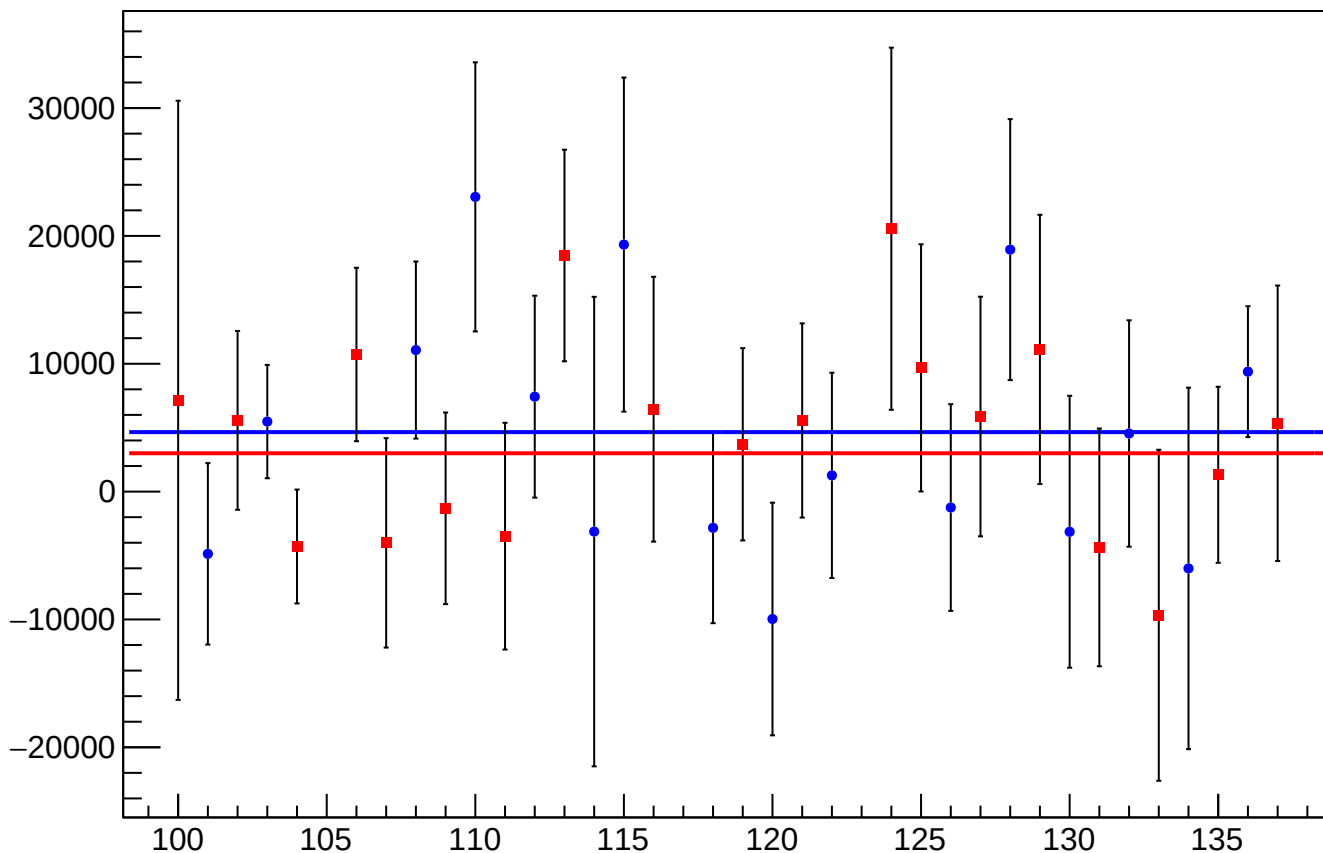
Right: 4811.769+/-0.913 χ^2/NDF : 1476008.6/34

In: 5028.443+/-1.353 χ^2/NDF : 565463.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4811.769+/-0.913 χ^2/NDF : 1476008.6/34

asym_usr_atr2_avg_mean vs Slug, Sign Corrected



Right In: 4653.137+/-1958.496 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3000.980+/-1882.821 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

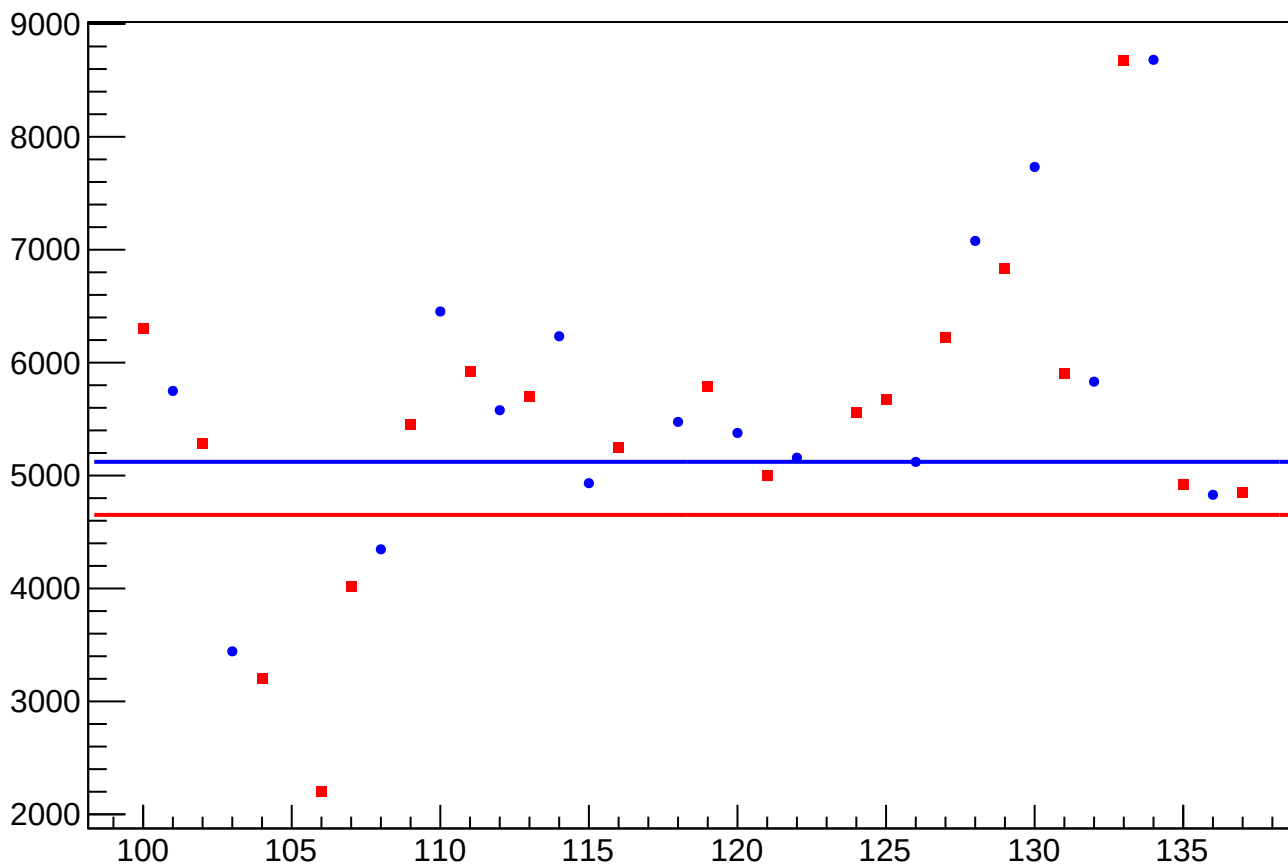
Right: 3794.523+/-1357.320 χ^2/NDF : 29.8/34

In: 4653.137+/-1958.496 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3794.523+/-1357.320 χ^2/NDF : 29.8/34

asym_usr_atr2_avg_rms vs Slug, Sign Corrected



Right In: 5121.644+/-1.385 χ^2/NDF : 720370.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4651.727+/-1.280 χ^2/NDF : 1344868.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

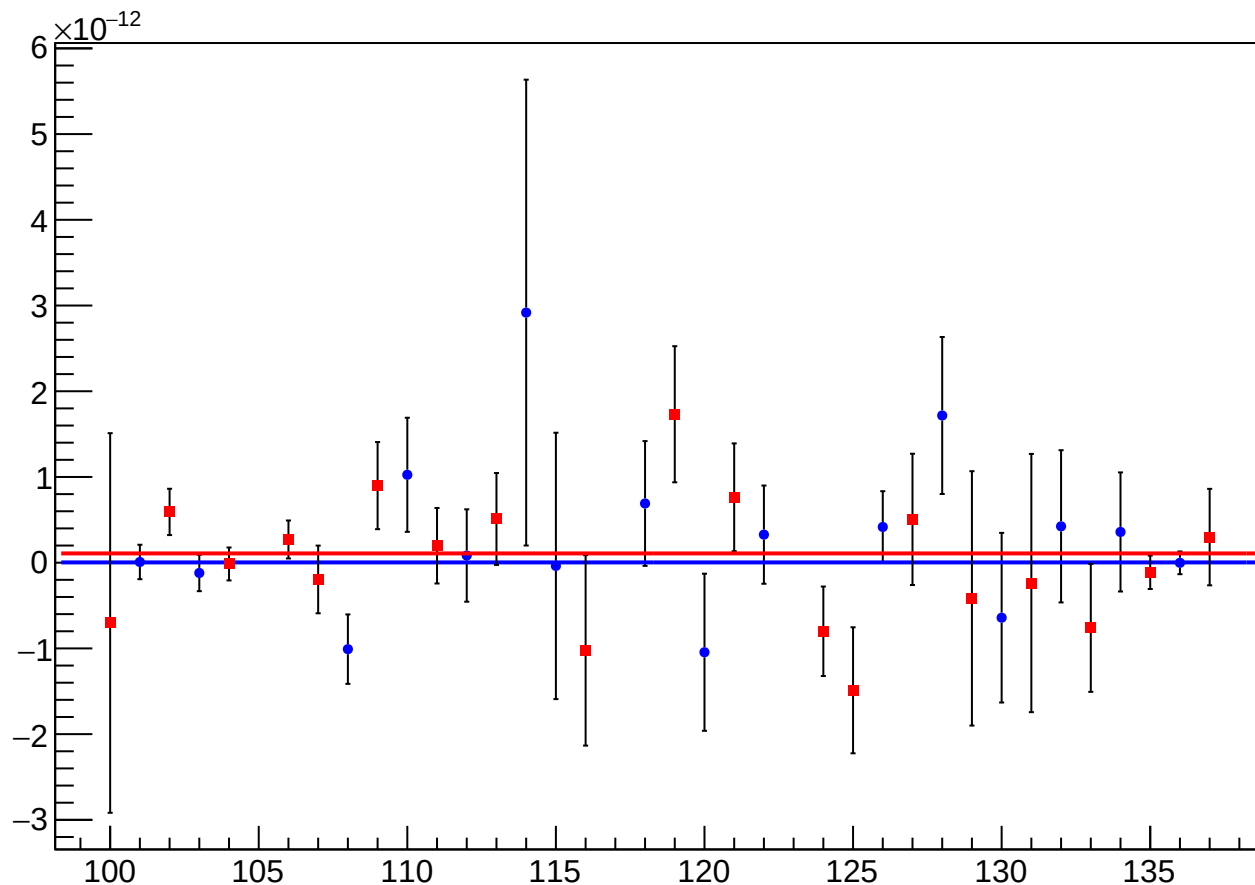
Right: 4868.287+/-0.940 χ^2/NDF : 2127316.1/34

In: 5121.644+/-1.385 χ^2/NDF : 720370.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4868.287+/-0.940 χ^2/NDF : 2127316.1/34

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

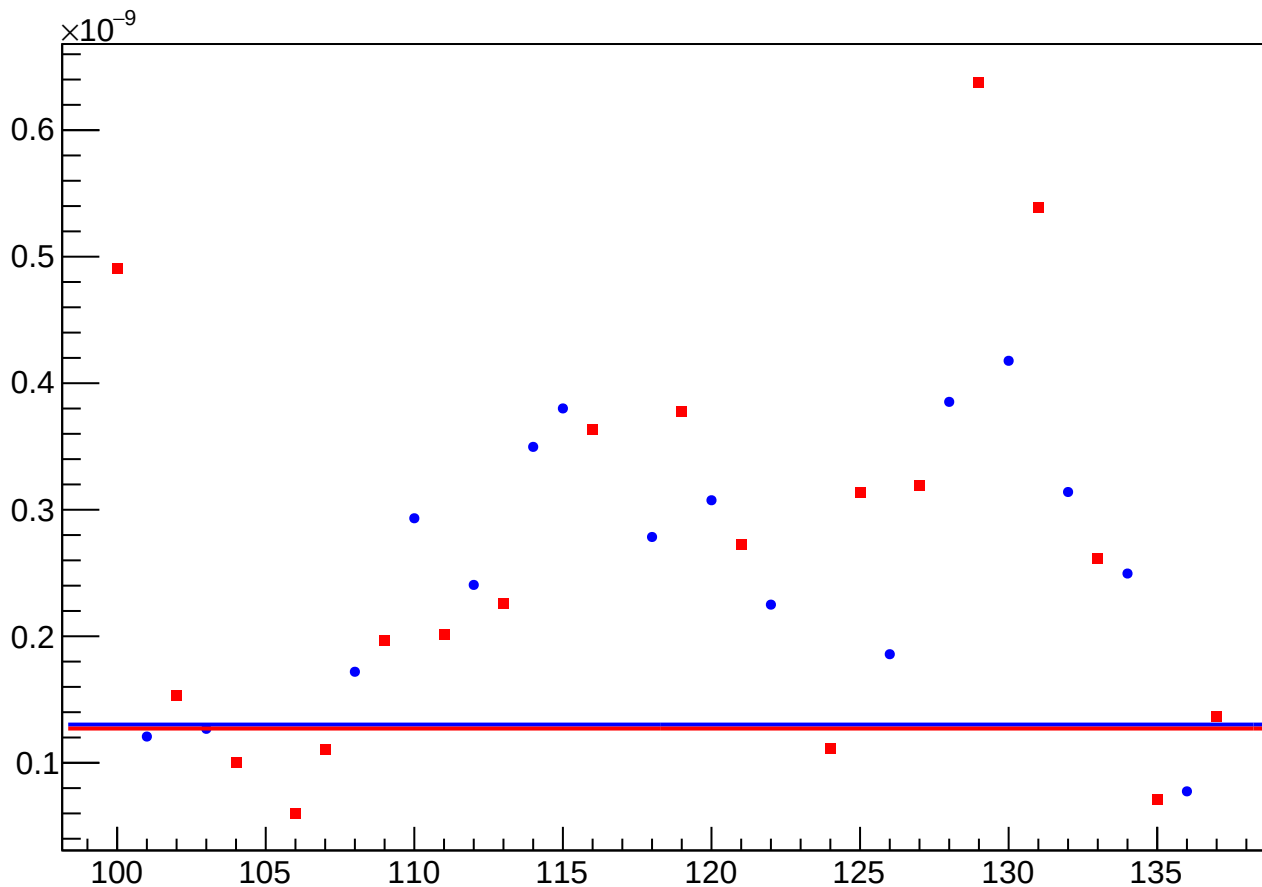
Right: 0.000+/-0.000 χ^2/NDF : 43.9/34

In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.9/34

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1329229.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1734331.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

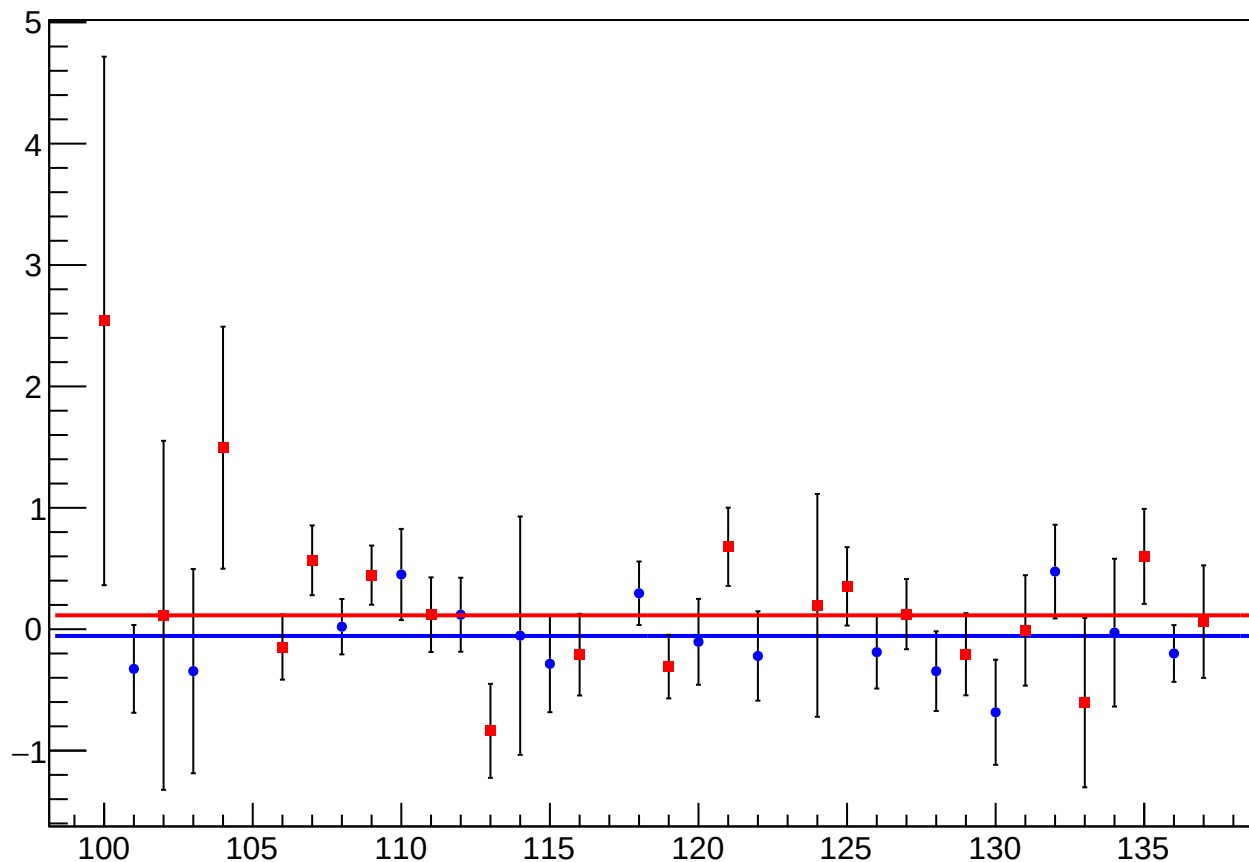
Right: 0.000+/-0.000 χ^2/NDF : 3064818.5/34

In: 0.000+/-0.000 χ^2/NDF : 1329229.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3064818.5/34

asym_usr_atr2_avg_dit_vs_Slug, Sign Corrected



Right In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.114 ± 0.083 χ^2/NDF : 25.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

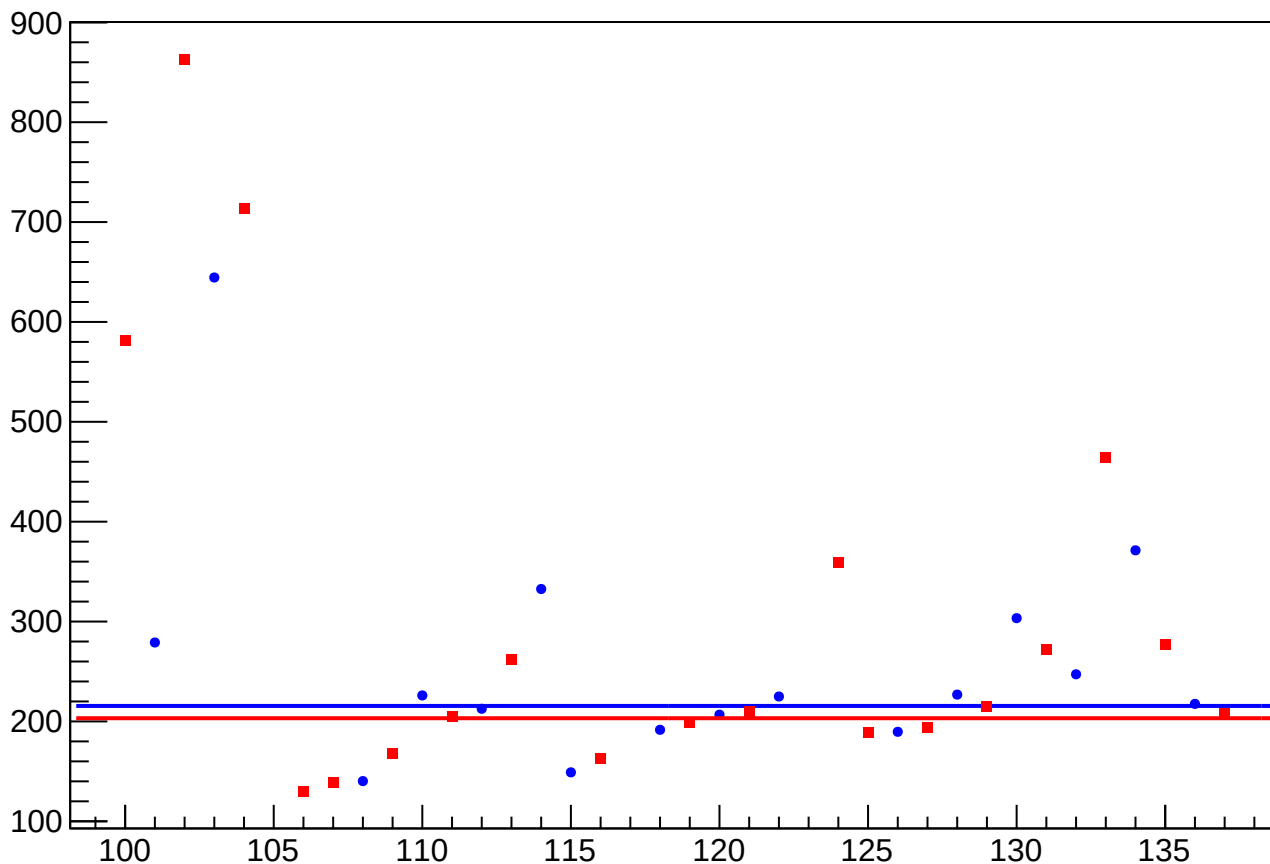
Right: 0.032 ± 0.060 χ^2/NDF : 37.9/34

In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.060 χ^2/NDF : 37.9/34

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.207+/-0.059 χ^2/NDF : 1835552.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

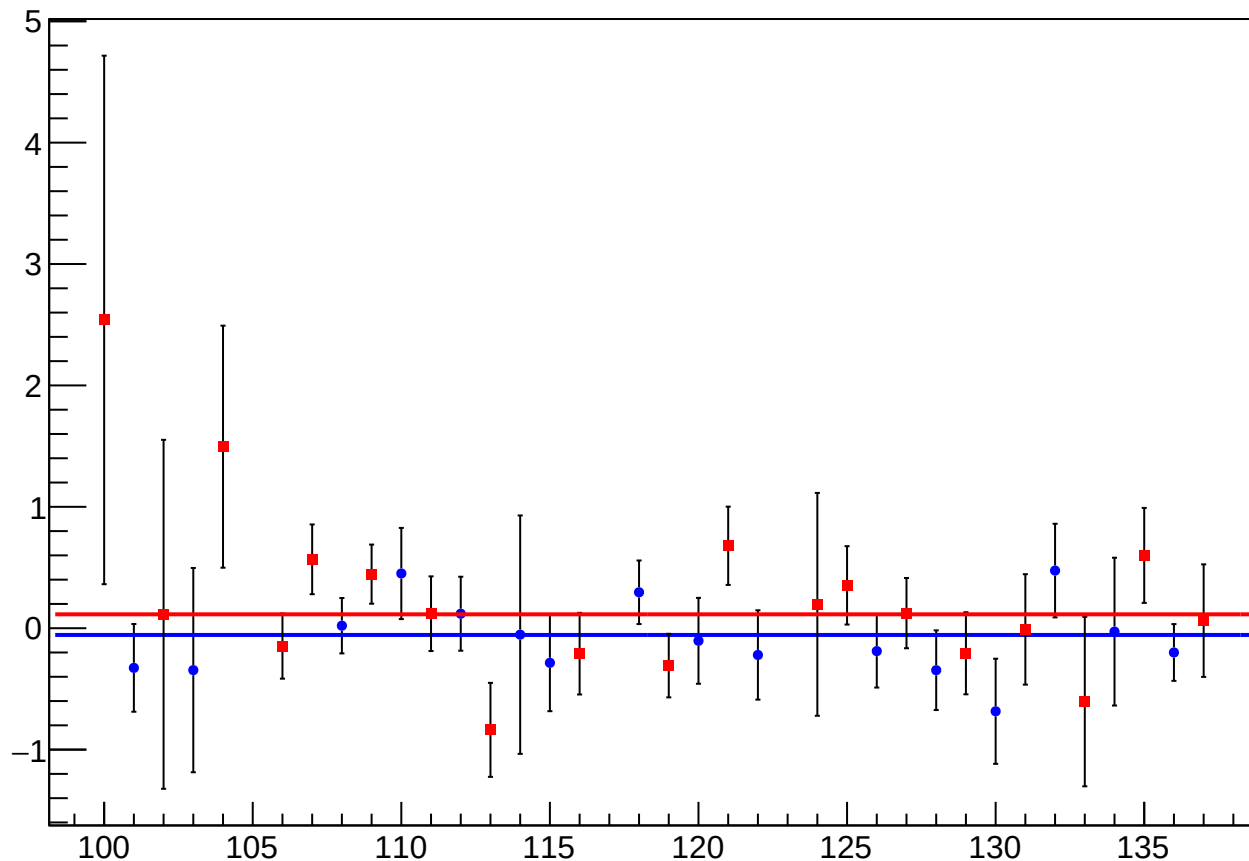
Right: 209.199+/-0.042 χ^2/NDF : 3005585.2/34

In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.199+/-0.042 χ^2/NDF : 3005585.2/34

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.114 ± 0.083 χ^2/NDF : 25.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

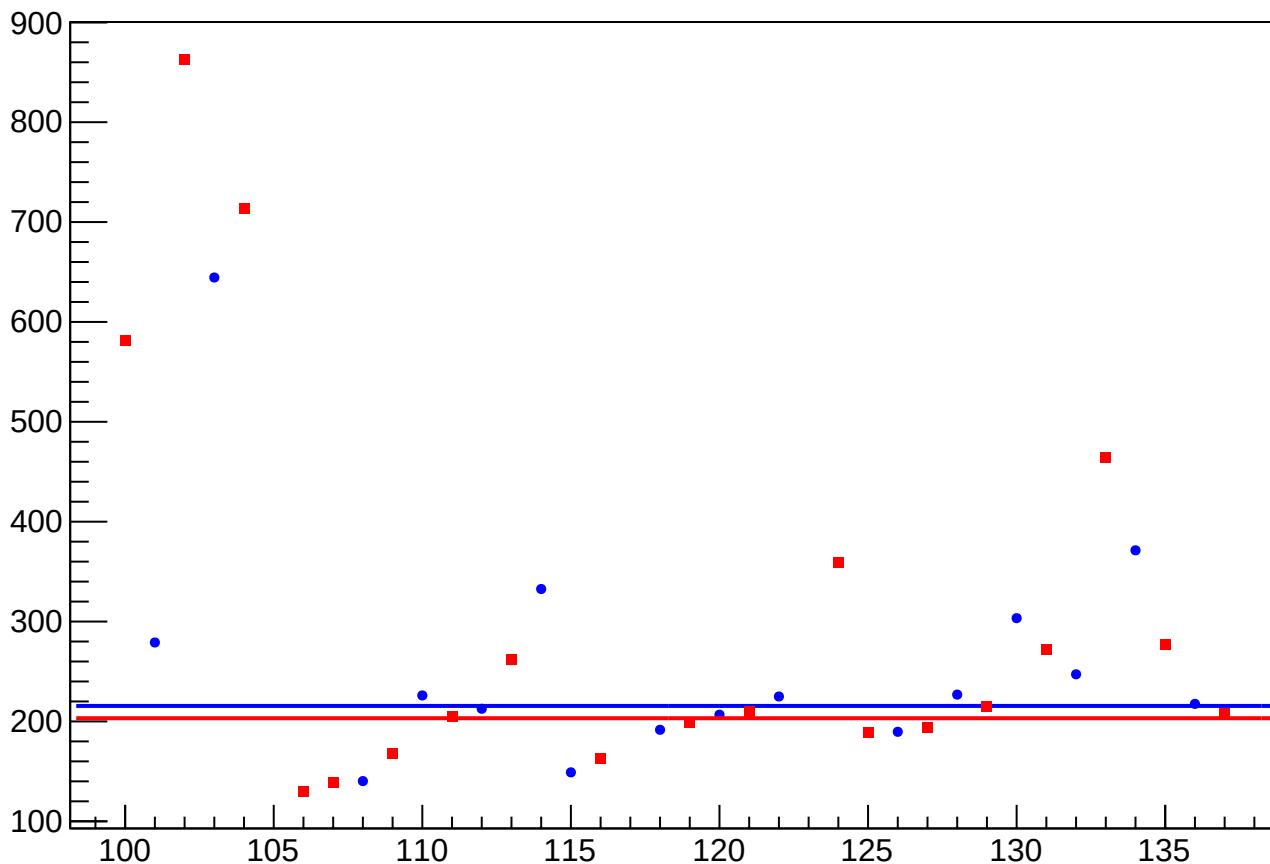
Right: 0.032 ± 0.060 χ^2/NDF : 37.9/34

In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.060 χ^2/NDF : 37.9/34

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.207+/-0.059 χ^2/NDF : 1835552.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

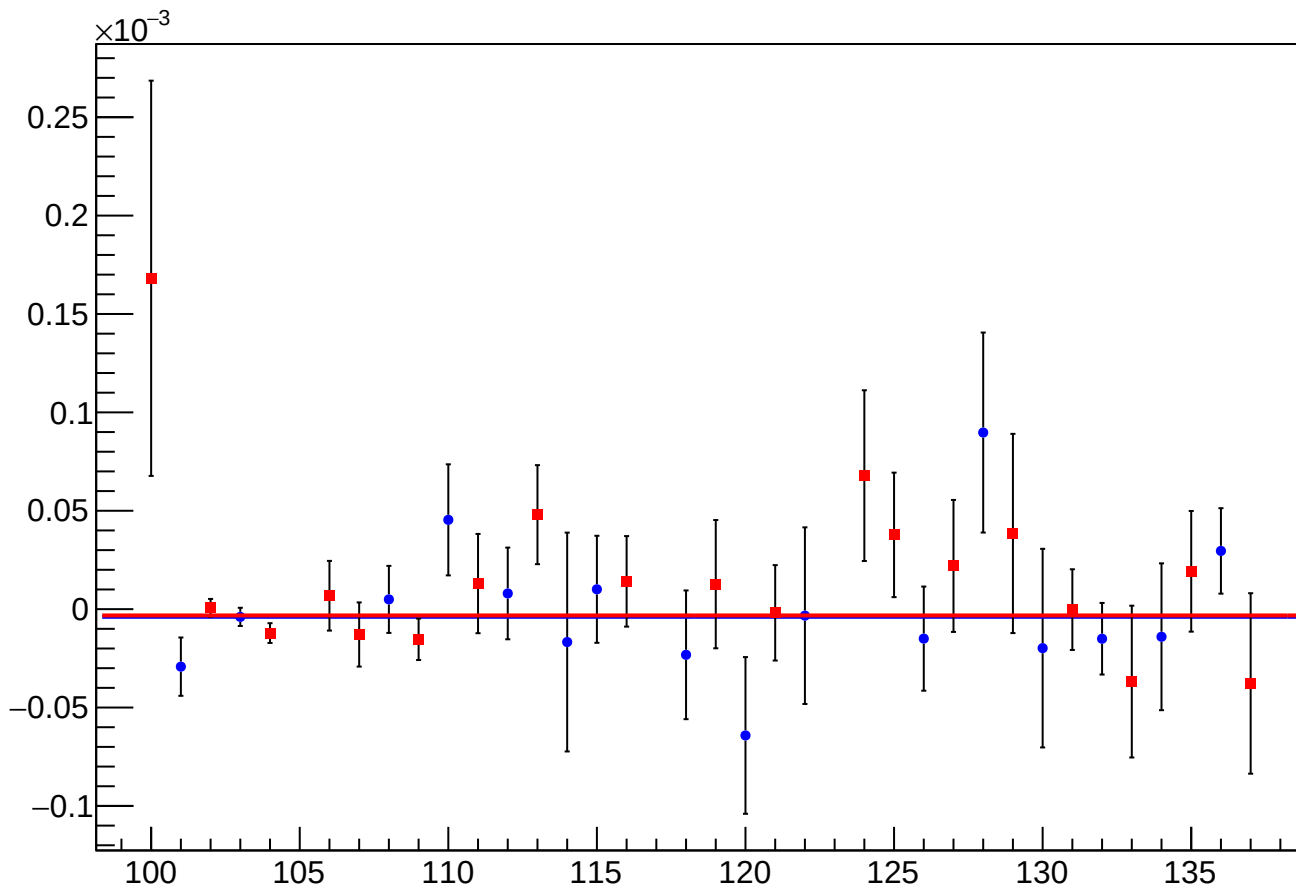
Right: 209.199+/-0.042 χ^2/NDF : 3005585.2/34

In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.199+/-0.042 χ^2/NDF : 3005585.2/34

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

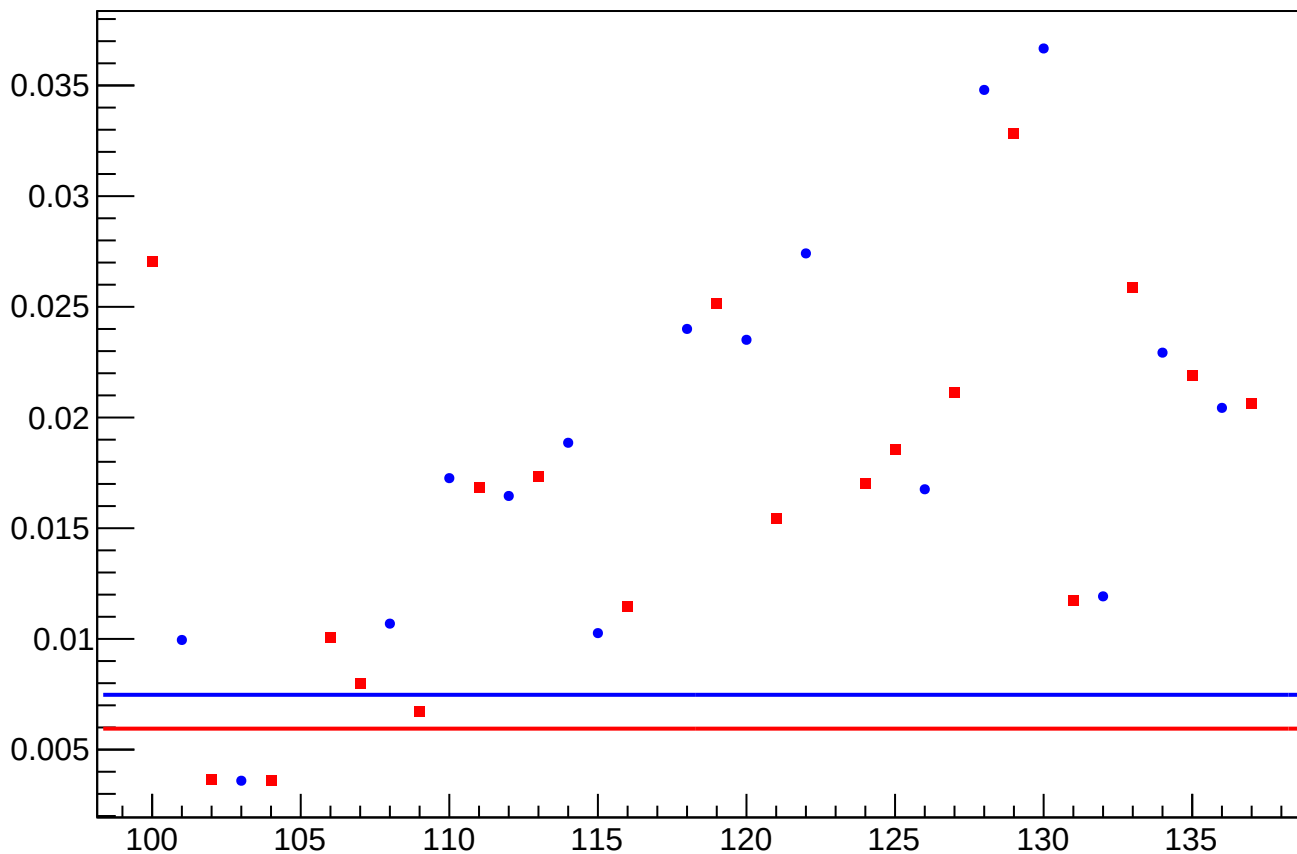
Right: -0.000+/-0.000 χ^2/NDF : 37.6/34

In: -0.000+/-0.000 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.6/34

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 6076199.5/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 5934015.2/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 12215563.8/34

In: 0.007+/-0.000

χ^2/NDF : 6076199.5/15

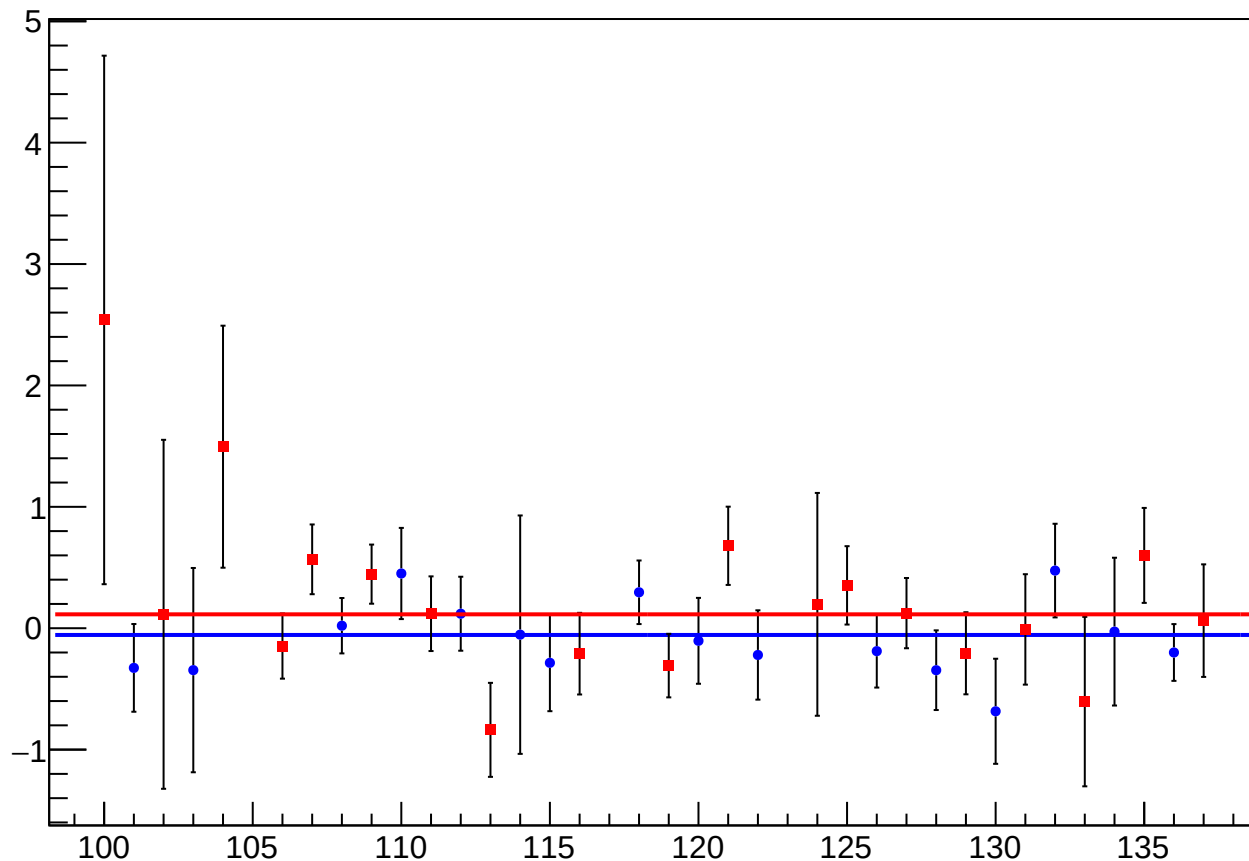
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 12215563.8/34

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.114 ± 0.083 χ^2/NDF : 25.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

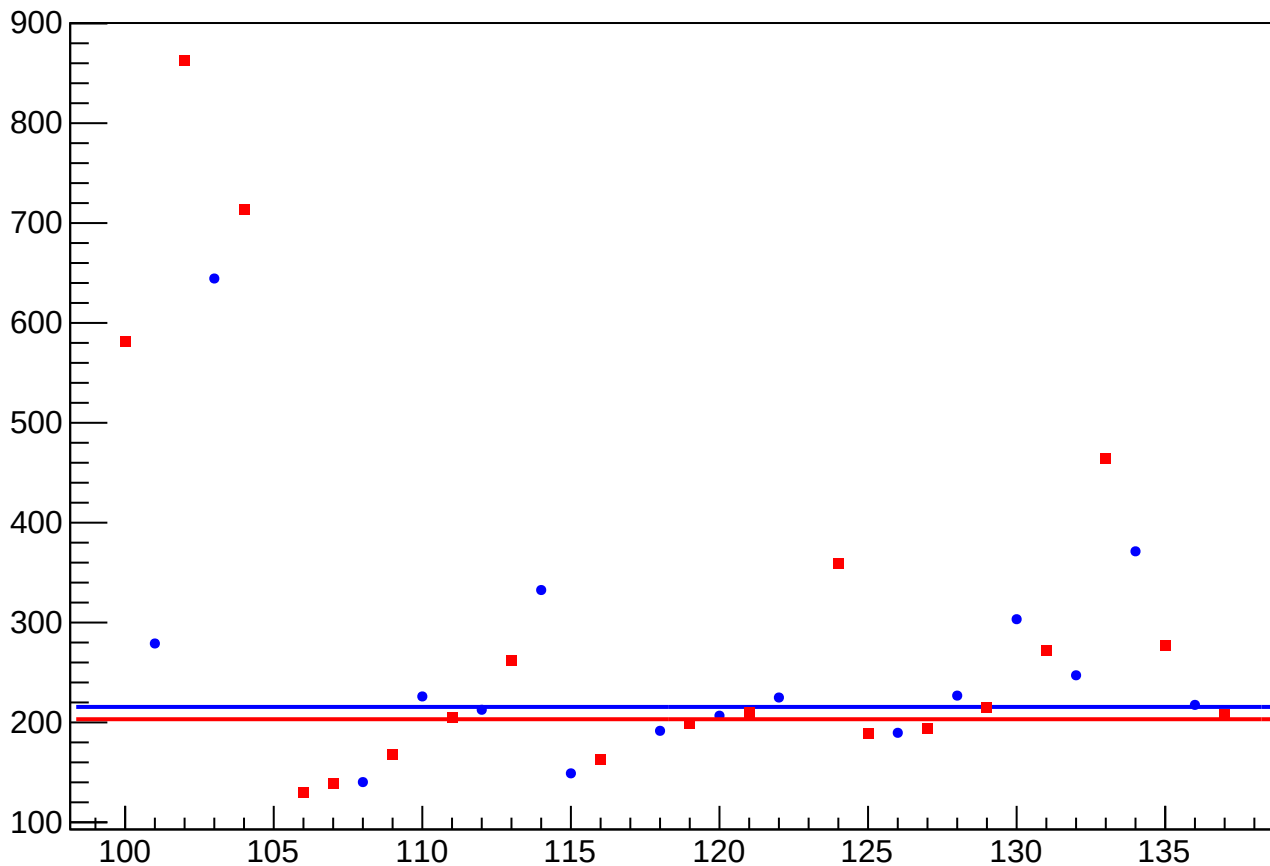
Right: 0.032 ± 0.060 χ^2/NDF : 37.9/34

In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.060 χ^2/NDF : 37.9/34

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.205+/-0.059 χ^2/NDF : 1835535.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

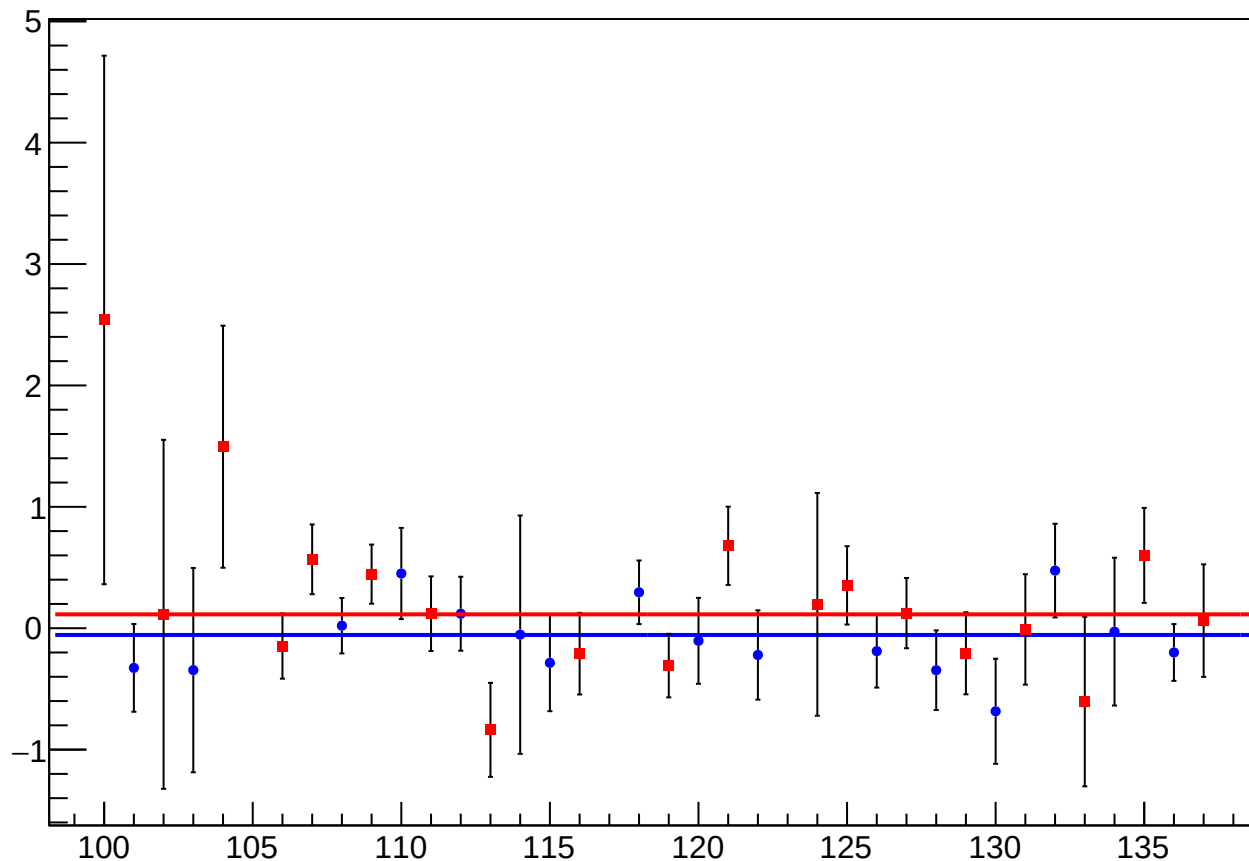
Right: 209.197+/-0.042 χ^2/NDF : 3005542.9/34

In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.197+/-0.042 χ^2/NDF : 3005542.9/34

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.114 ± 0.083 χ^2/NDF : 25.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

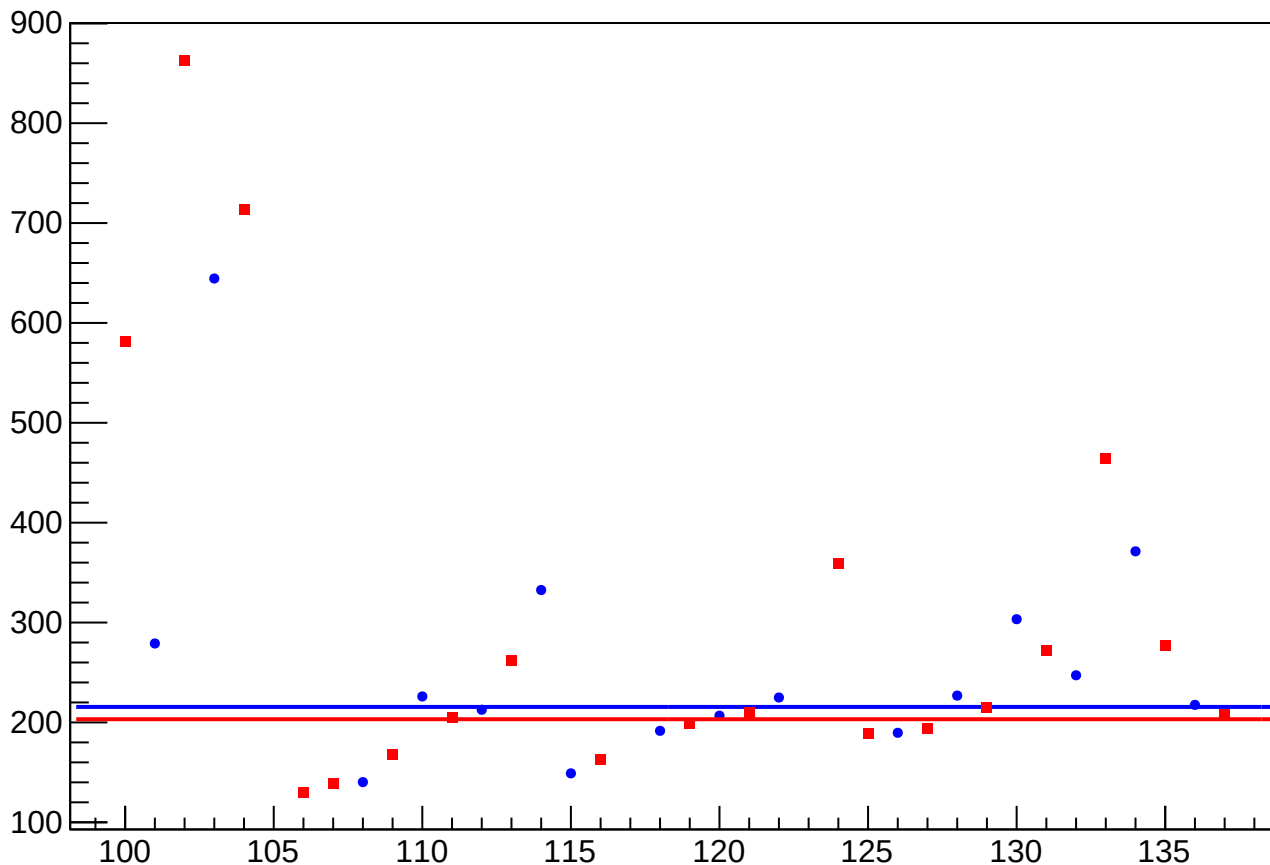
Right: 0.032 ± 0.060 χ^2/NDF : 37.9/34

In: -0.055 ± 0.085 χ^2/NDF : 10.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.032 ± 0.060 χ^2/NDF : 37.9/34

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.205+/-0.059 χ^2/NDF : 1835535.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

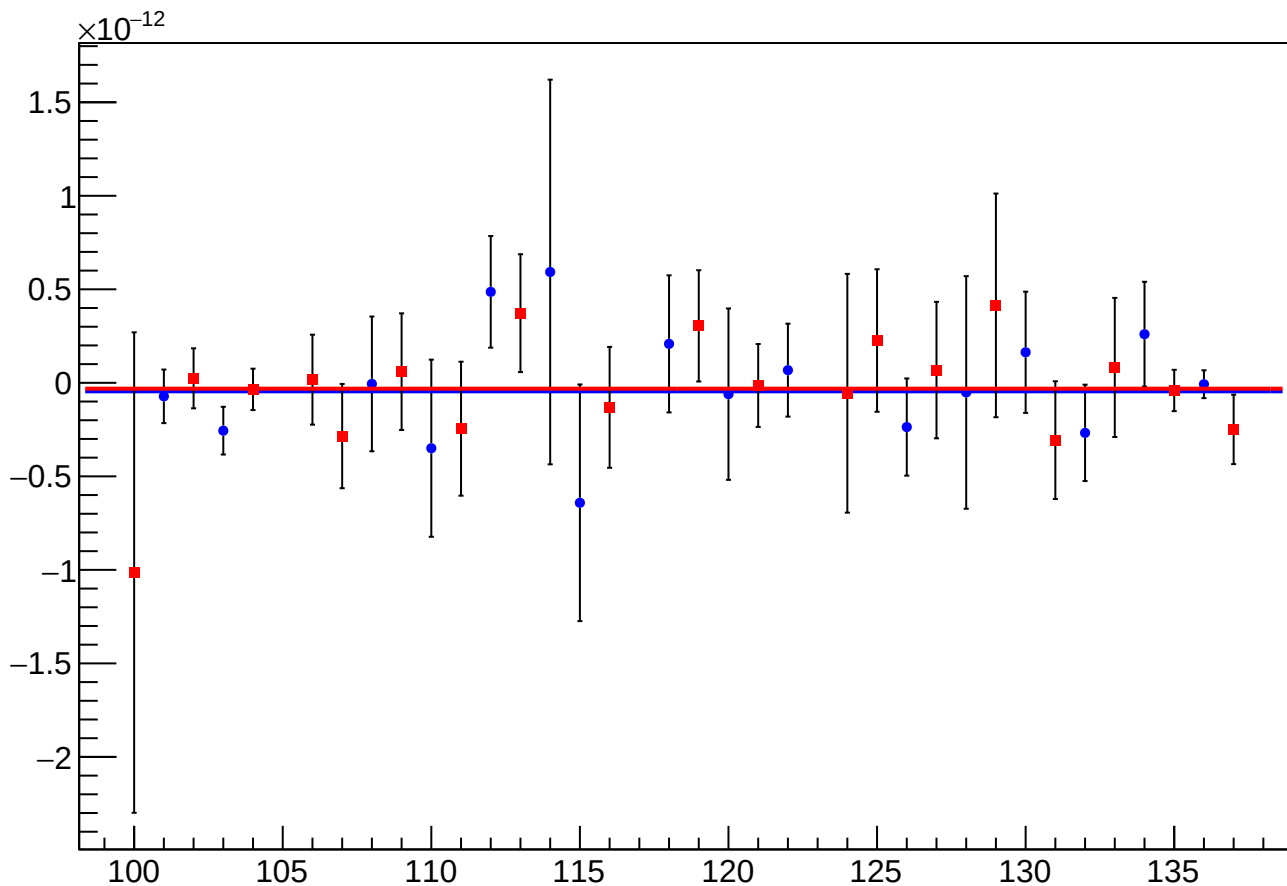
Right: 209.197+/-0.042 χ^2/NDF : 3005542.9/34

In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.197+/-0.042 χ^2/NDF : 3005542.9/34

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 8.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

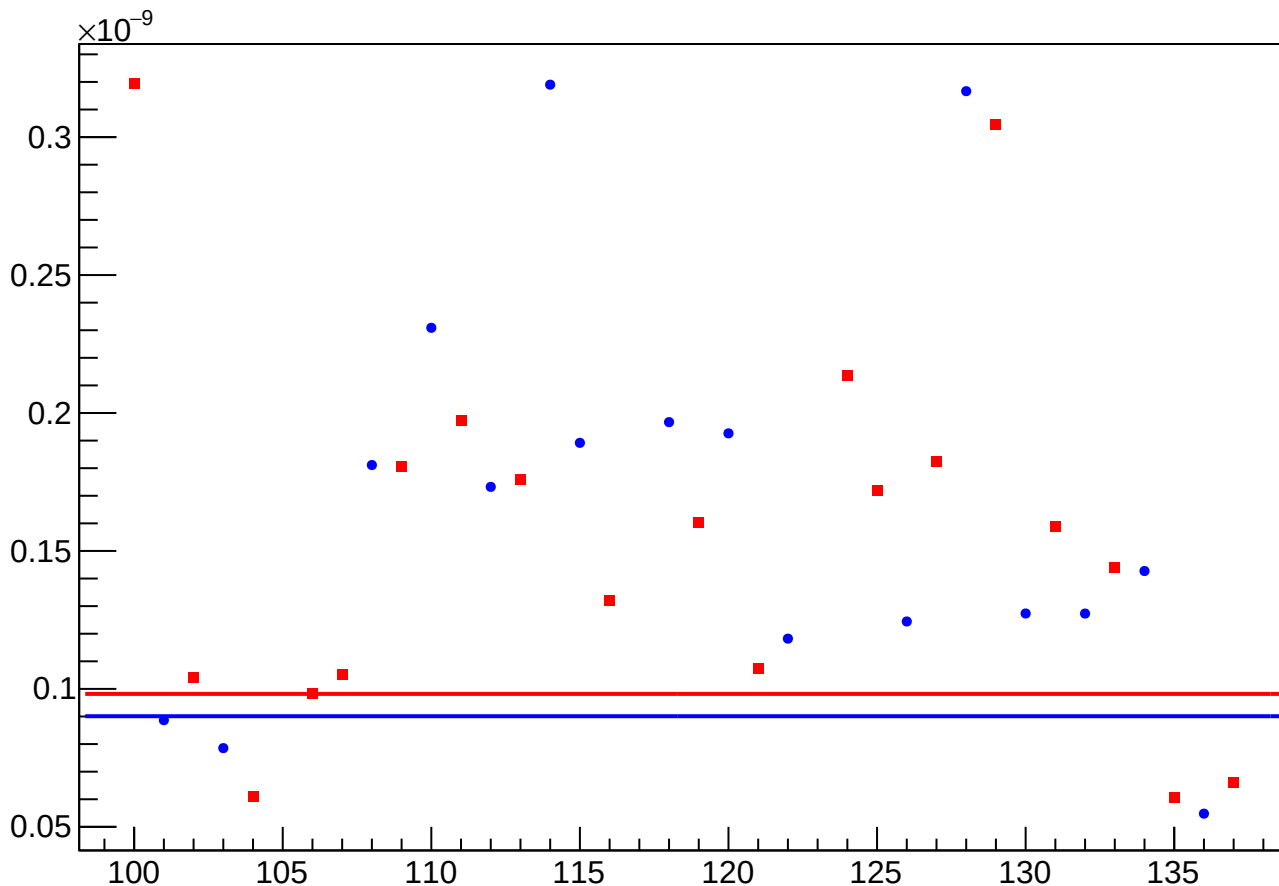
Right: -0.000+/-0.000 χ^2/NDF : 19.9/34

In: -0.000+/-0.000 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 19.9/34

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1808066.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1694726.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

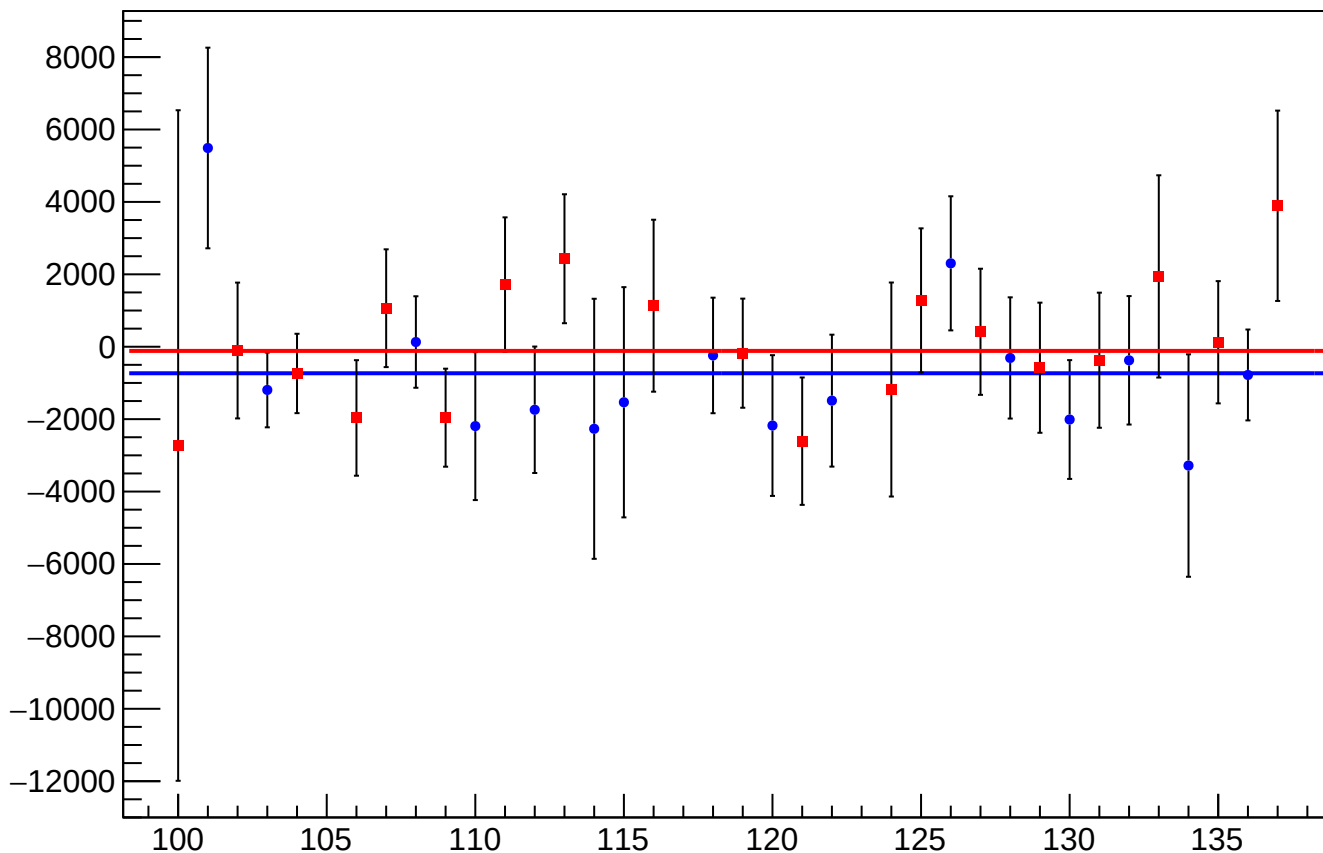
Right: 0.000+/-0.000 χ^2/NDF : 3527917.4/34

In: 0.000+/-0.000 χ^2/NDF : 1808066.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3527917.4/34

reg_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -732.747+/-427.384 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.040+/-411.437 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

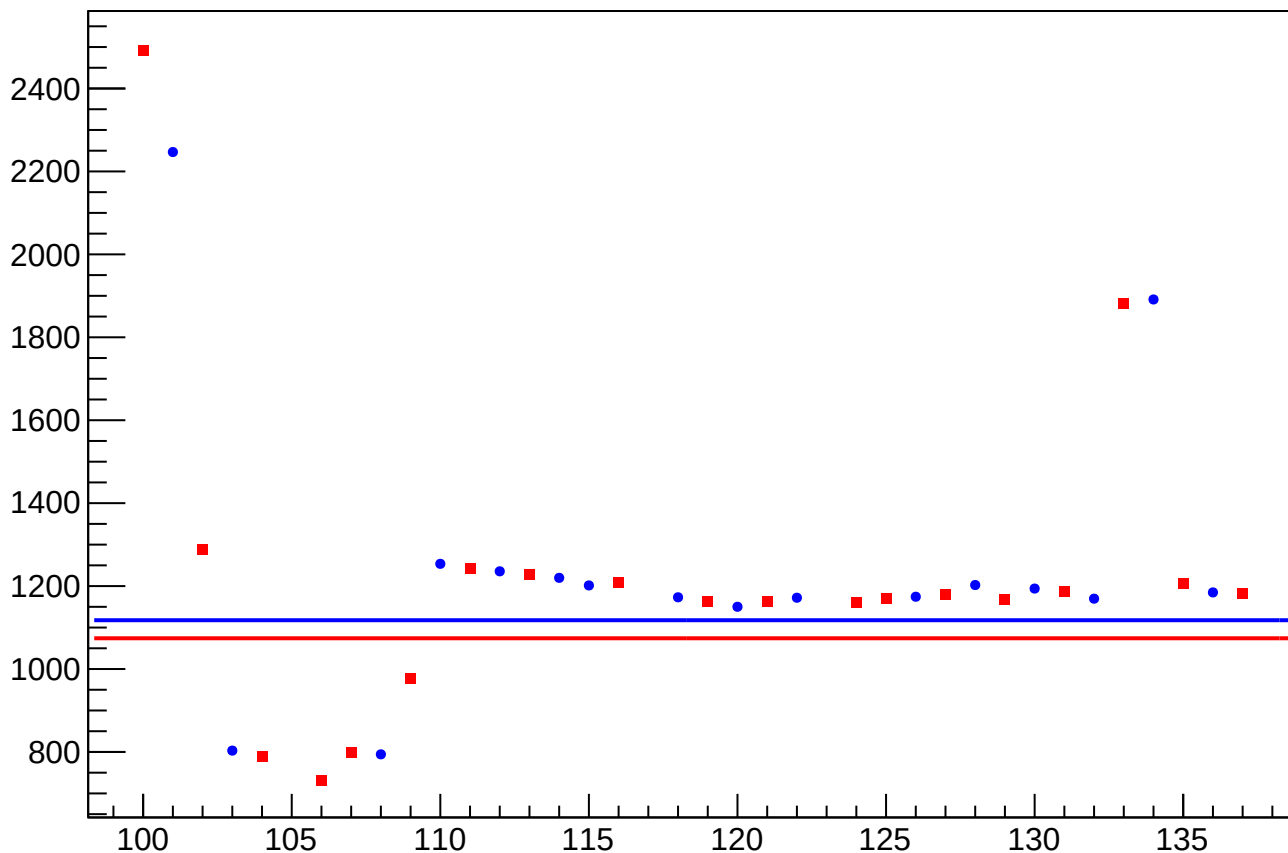
Right: -412.155+/-296.407 χ^2/NDF : 25.9/34

In: -732.747+/-427.384 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.155+/-296.407 χ^2/NDF : 25.9/34

reg_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1117.684+/-0.302 χ^2/NDF : 819835.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.148+/-0.289 χ^2/NDF : 649508.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

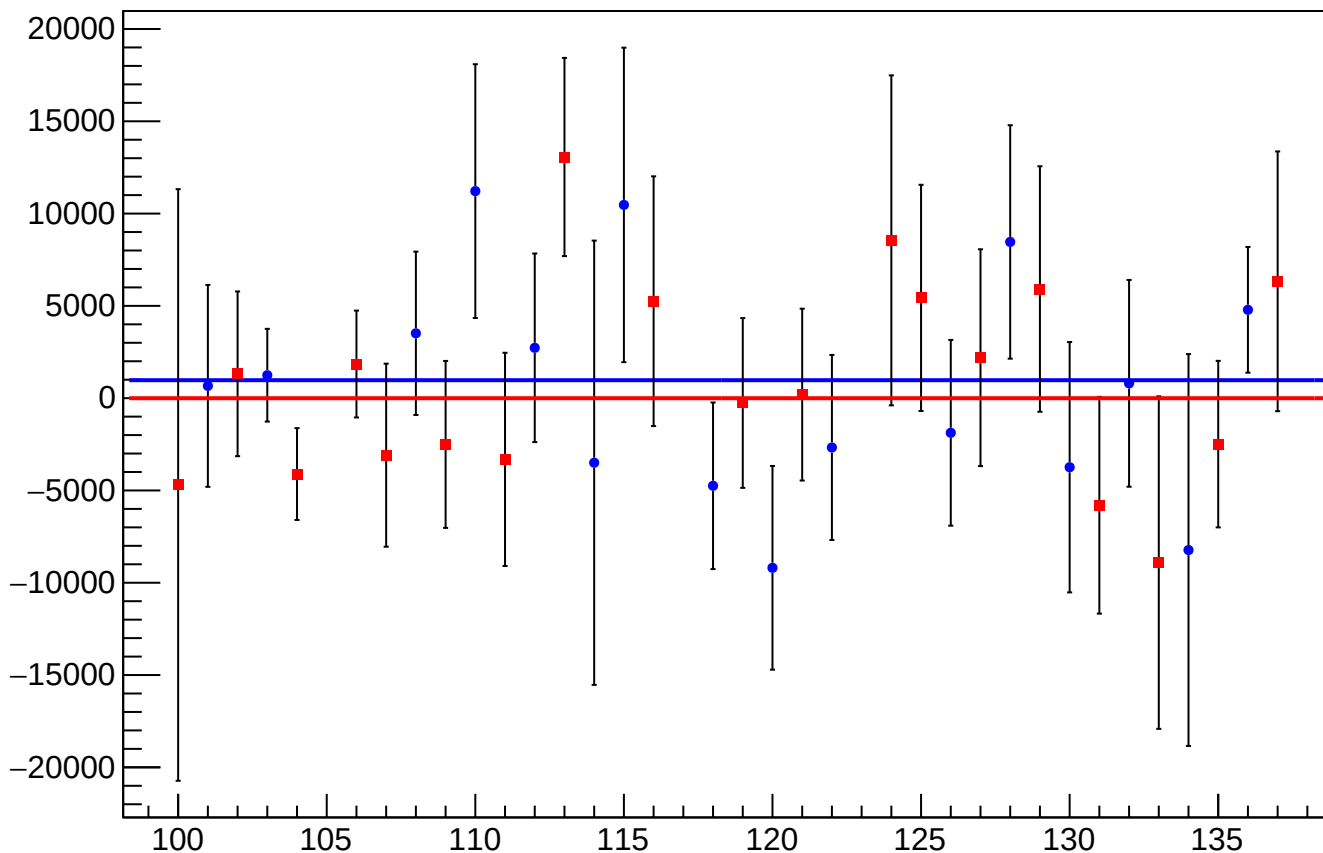
Right: 1094.908+/-0.209 χ^2/NDF : 1480200.6/34

In: 1117.684+/-0.302 χ^2/NDF : 819835.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1094.908+/-0.209 χ^2/NDF : 1480200.6/34

asym_usr_atr2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 973.755+/-1232.754 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.885+/-1113.897 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

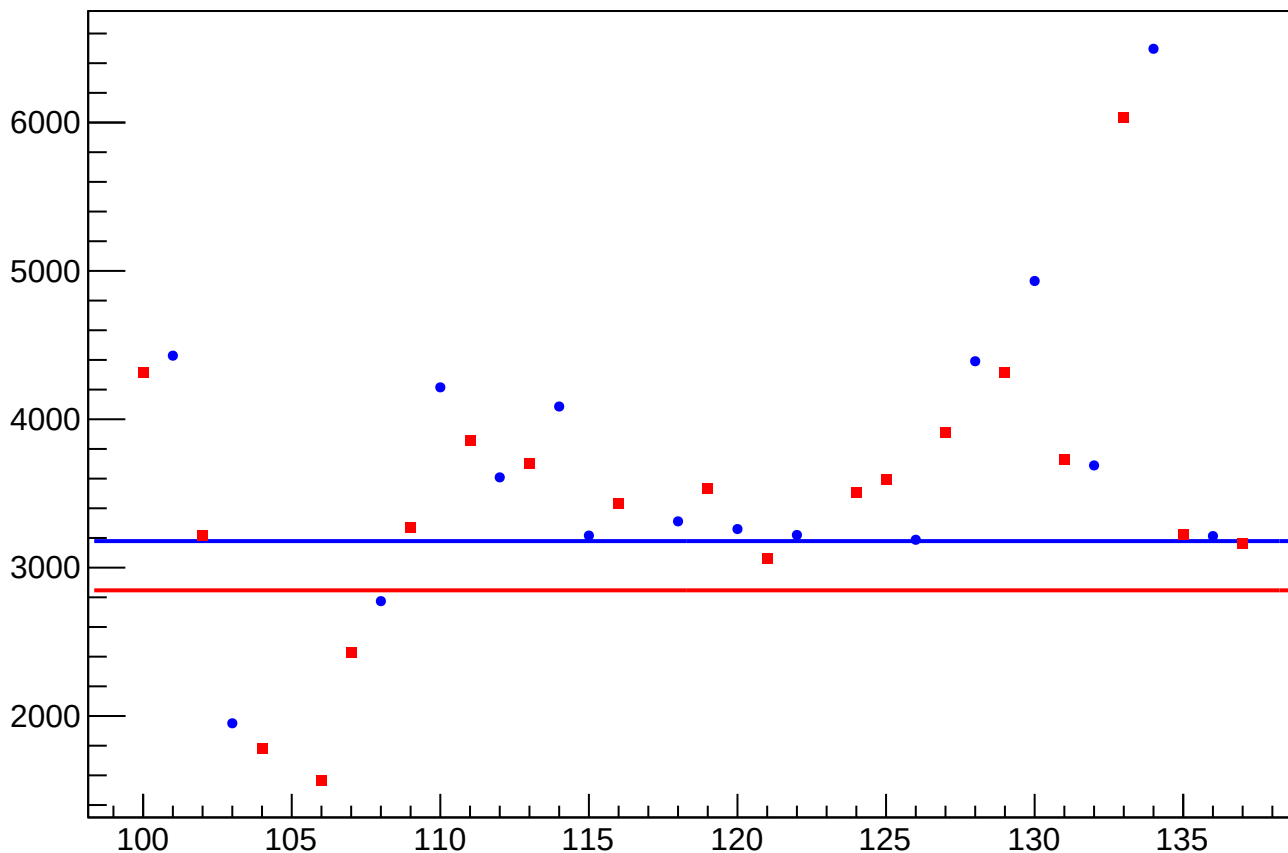
Right: 436.095+/-826.478 χ^2/NDF : 30.7/34

In: 973.755+/-1232.754 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.095+/-826.478 χ^2/NDF : 30.7/34

asym_usr_atr2_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 3178.870+/-0.872 χ^2/NDF : 1091676.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2847.016+/-0.788 χ^2/NDF : 1511160.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

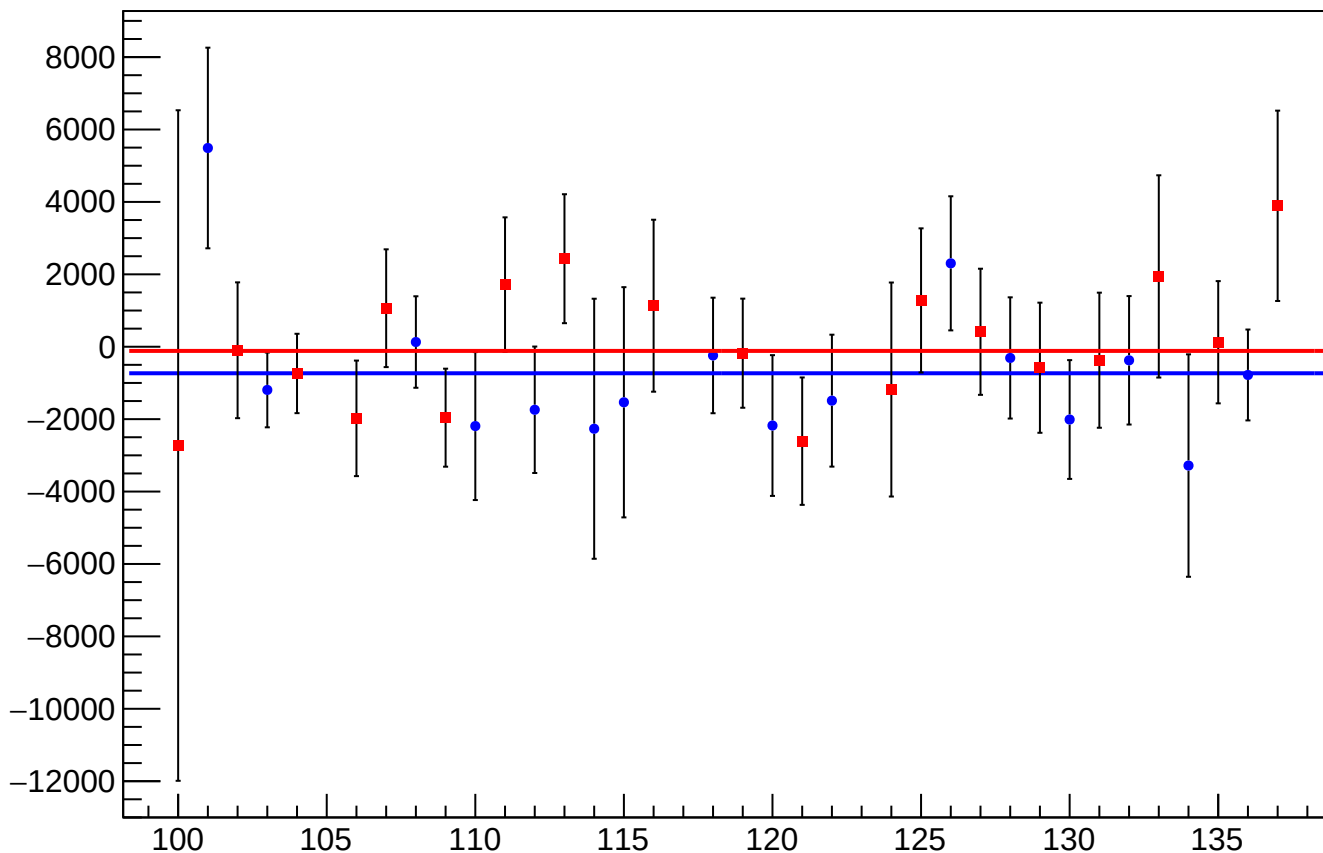
Right: 2996.178+/-0.584 χ^2/NDF : 2682627.1/34

In: 3178.870+/-0.872 χ^2/NDF : 1091676.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2996.178+/-0.584 χ^2/NDF : 2682627.1/34

cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -732.682+/-427.385 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -115.308+/-411.441 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

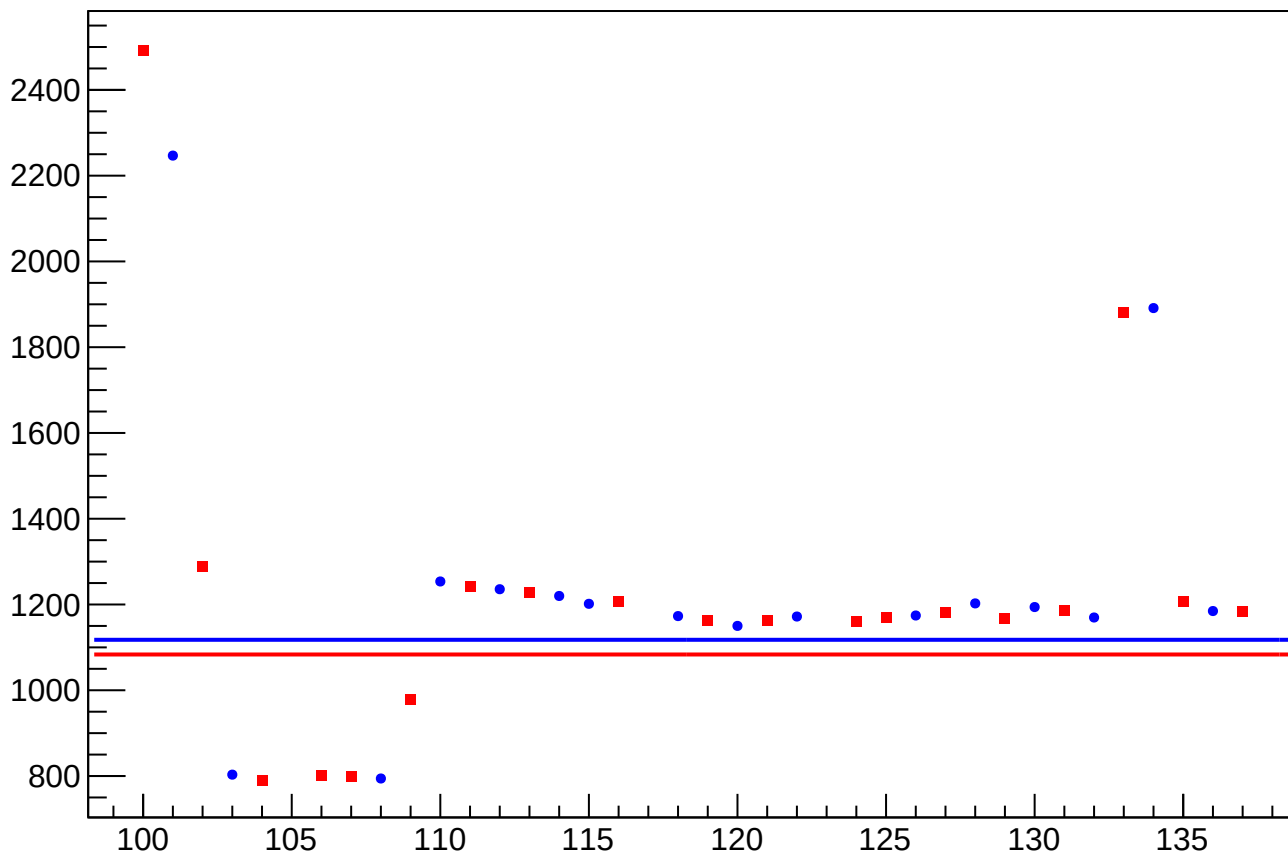
Right: -412.265+/-296.409 χ^2/NDF : 25.9/34

In: -732.682+/-427.385 χ^2/NDF :11.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -412.265+/-296.409 χ^2/NDF : 25.9/34

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1117.684+/-0.302 χ^2/NDF : 819831.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.421+/-0.290 χ^2/NDF : 595016.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

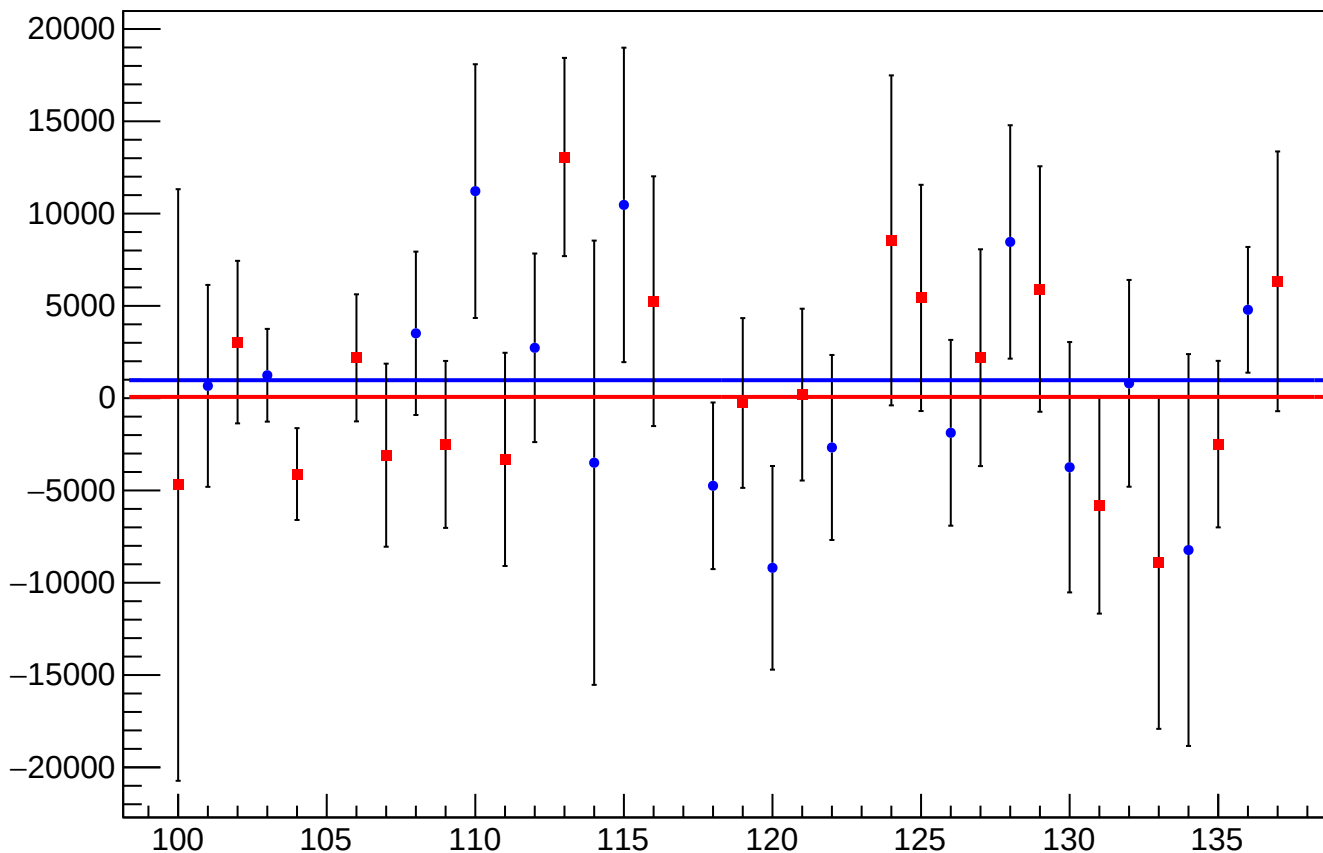
Right: 1099.869+/-0.209 χ^2/NDF : 1421532.1/34

In: 1117.684+/-0.302 χ^2/NDF : 819831.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.869+/-0.209 χ^2/NDF : 1421532.1/34

asym_usr_atr2_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.113+/-1137.892 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

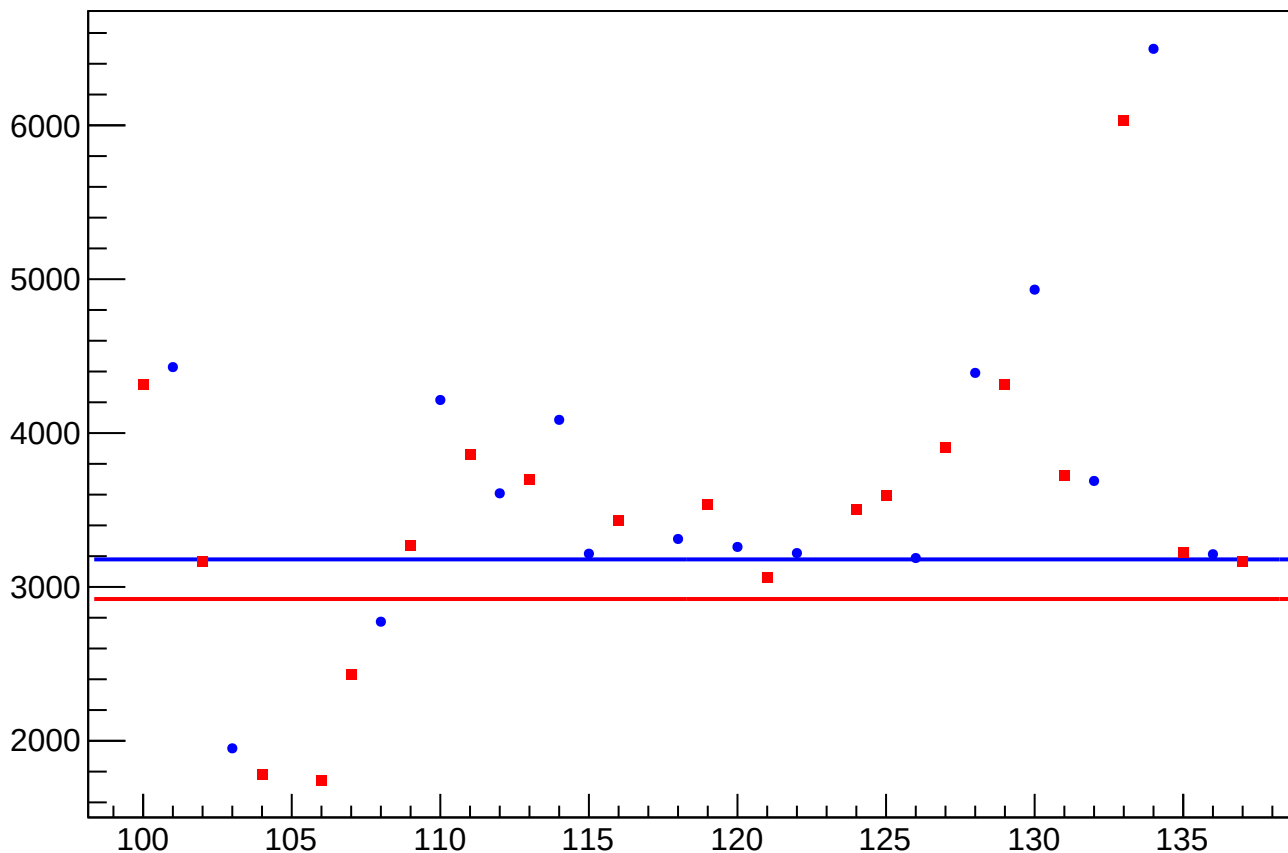
Right: 483.965+/-836.154 χ^2/NDF : 31.0/34

In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.965+/-836.154 χ^2/NDF : 31.0/34

asym_usr_atr2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 3179.054+/-0.872 χ^2/NDF : 1091236.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2921.641+/-0.805 χ^2/NDF : 1312890.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

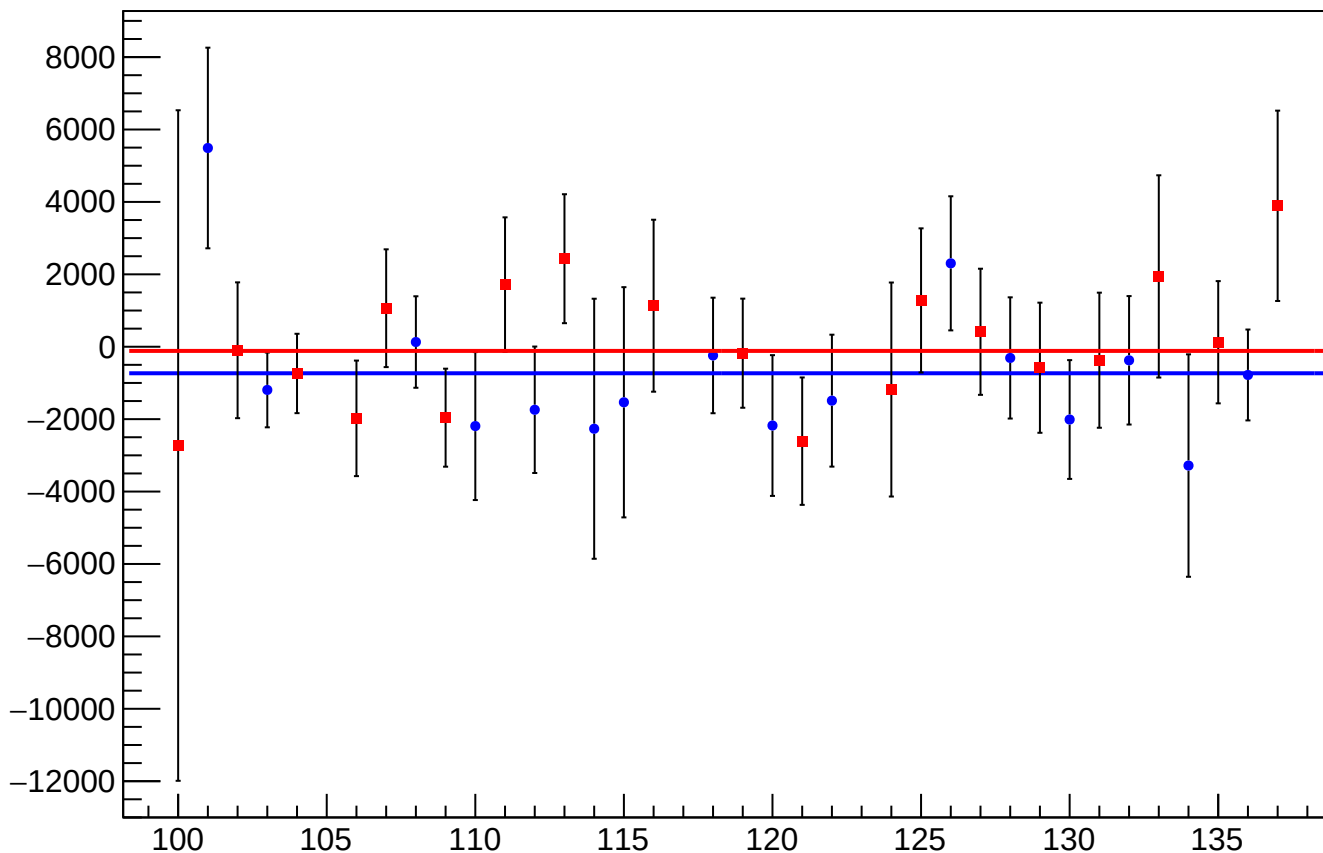
Right: 3040.058+/-0.591 χ^2/NDF : 2451210.8/34

In: 3179.054+/-0.872 χ^2/NDF : 1091236.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3040.058+/-0.591 χ^2/NDF : 2451210.8/34

eigen_cor_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -732.682+/-427.385 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.308+/-411.441 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

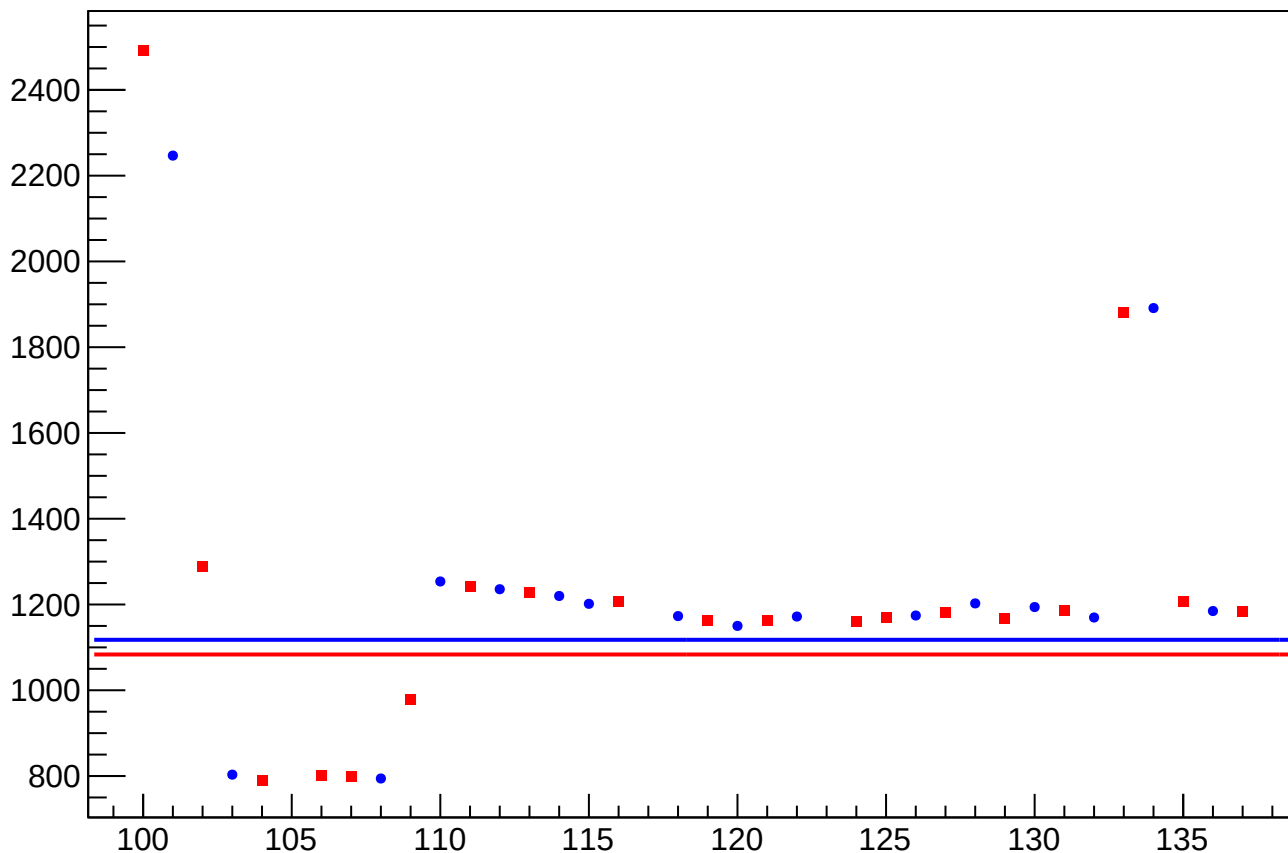
Right: -412.265+/-296.409 χ^2/NDF : 25.9/34

In: -732.682+/-427.385 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -412.265+/-296.409 χ^2/NDF : 25.9/34

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1117.684+/-0.302 χ^2/NDF : 819831.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.421+/-0.290 χ^2/NDF : 595016.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

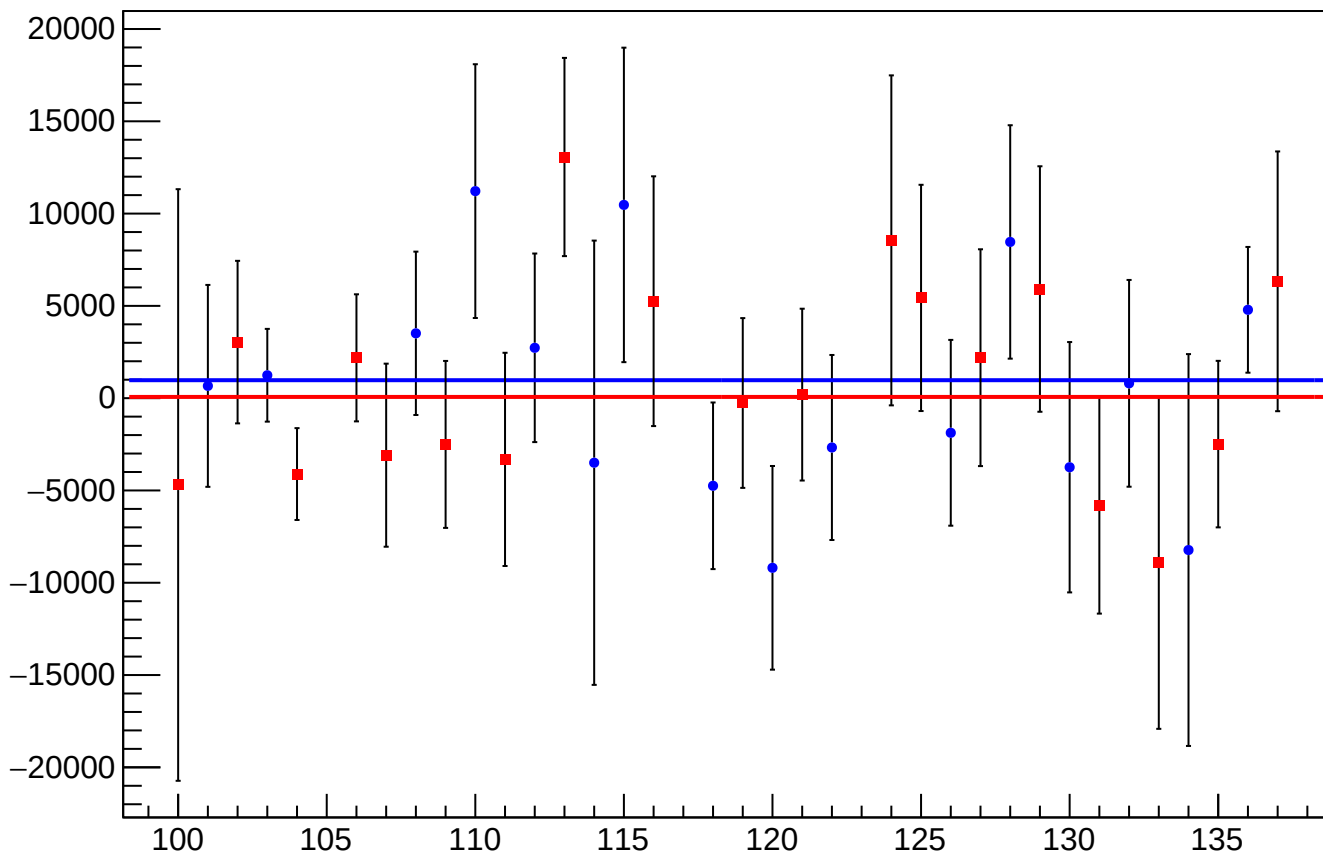
Right: 1099.869+/-0.209 χ^2/NDF : 1421532.1/34

In: 1117.684+/-0.302 χ^2/NDF : 819831.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.869+/-0.209 χ^2/NDF : 1421532.1/34

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.113+/-1137.892 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

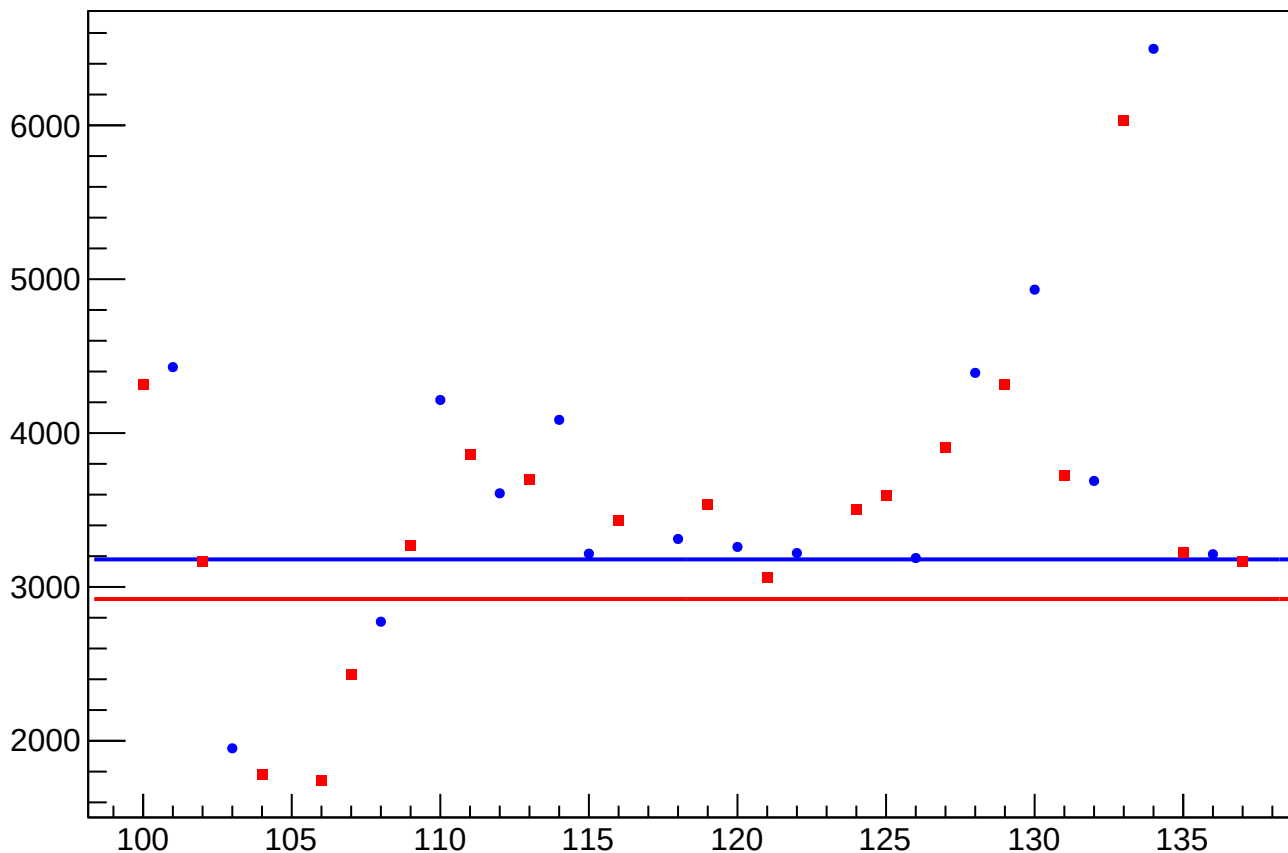
Right: 483.965+/-836.154 χ^2/NDF : 31.0/34

In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.965+/-836.154 χ^2/NDF : 31.0/34

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3179.054+/-0.872 χ^2/NDF : 1091236.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2921.641+/-0.805 χ^2/NDF : 1312890.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

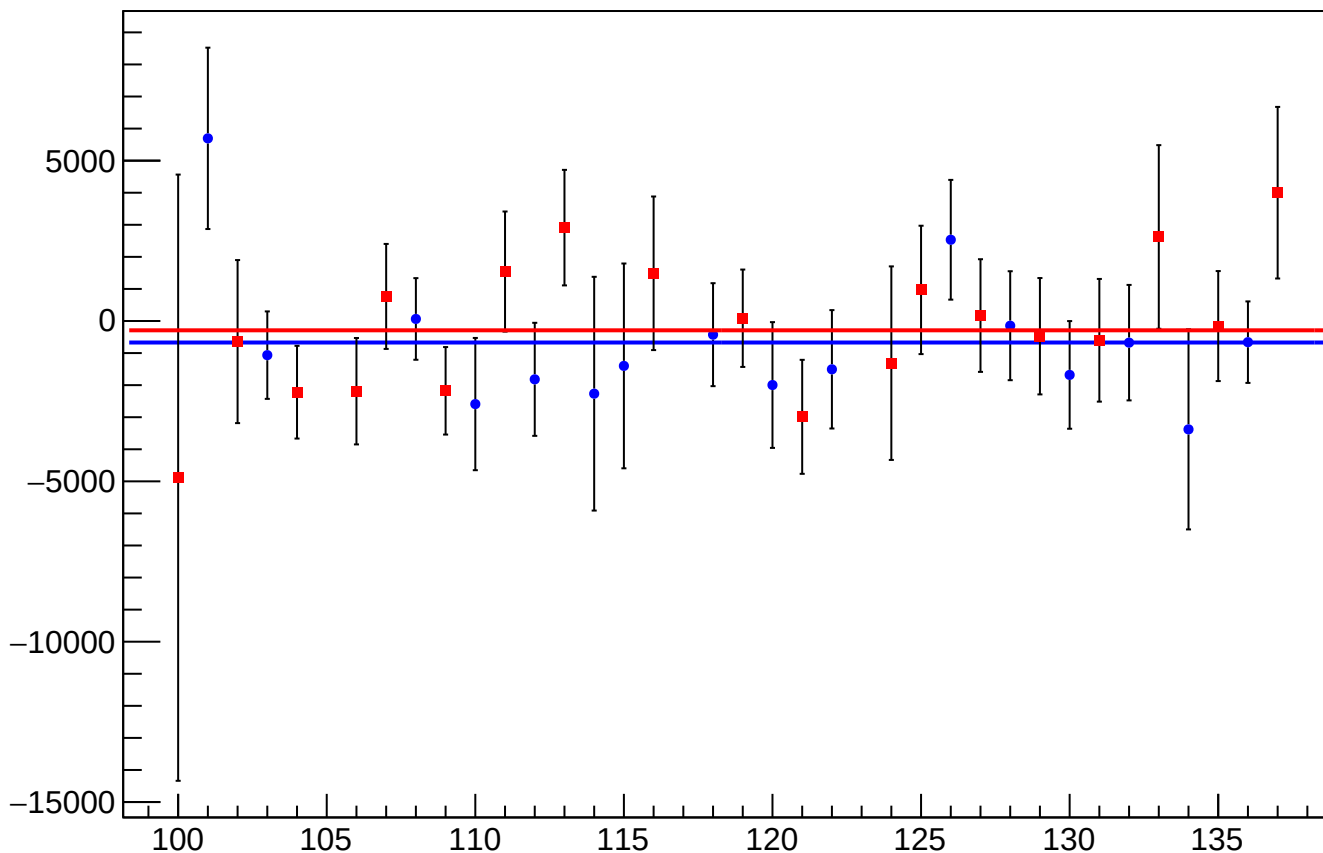
Right: 3040.058+/-0.591 χ^2/NDF : 2451210.8/34

In: 3179.054+/-0.872 χ^2/NDF : 1091236.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3040.058+/-0.591 χ^2/NDF : 2451210.8/34

dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -670.819+/-448.500 χ^2/NDF : 11.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.311+/-434.425 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

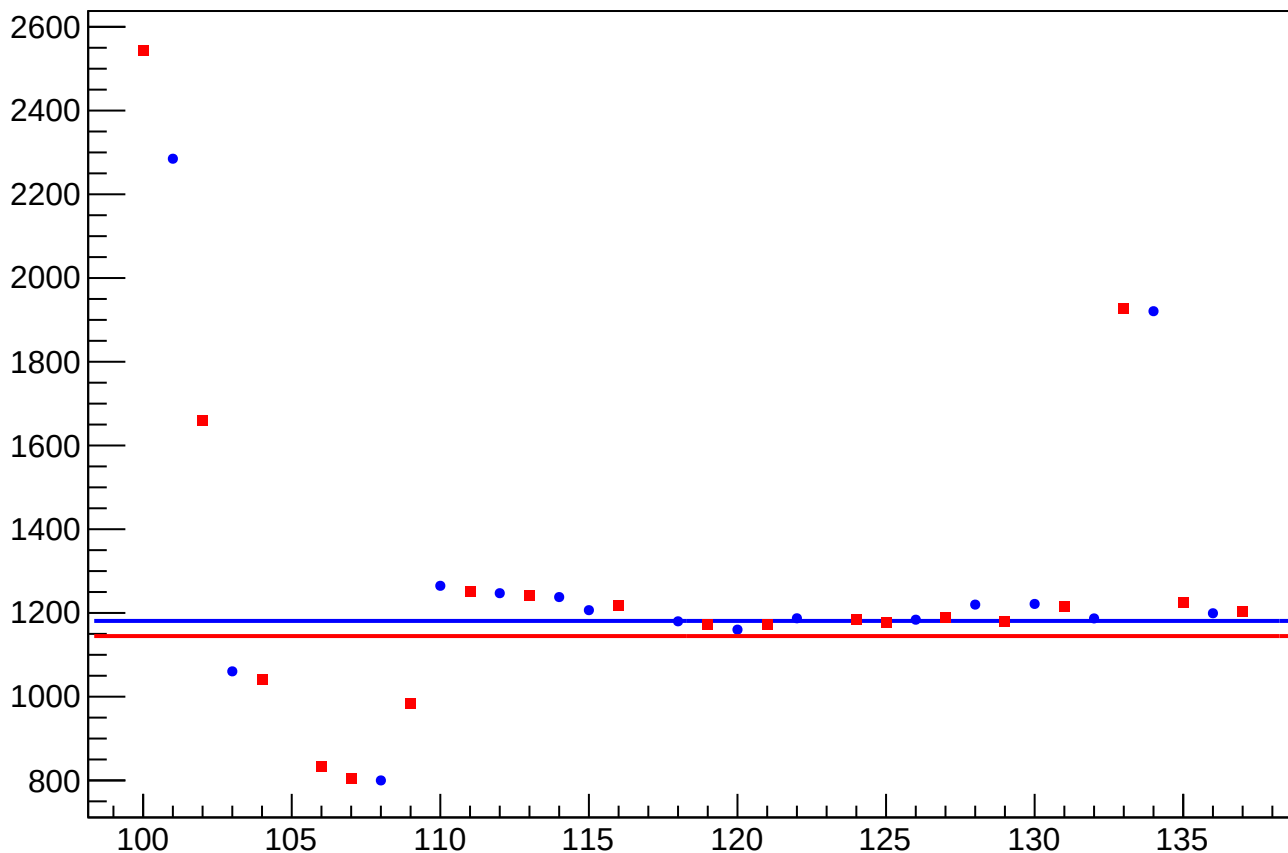
Right: -474.501+/-312.042 χ^2/NDF : 29.2/34

In: -670.819+/-448.500 χ^2/NDF : 11.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.501+/-312.042 χ^2/NDF : 29.2/34

dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1180.955+/-0.317 χ^2/NDF : 621878.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1144.777+/-0.307 χ^2/NDF : 497730.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

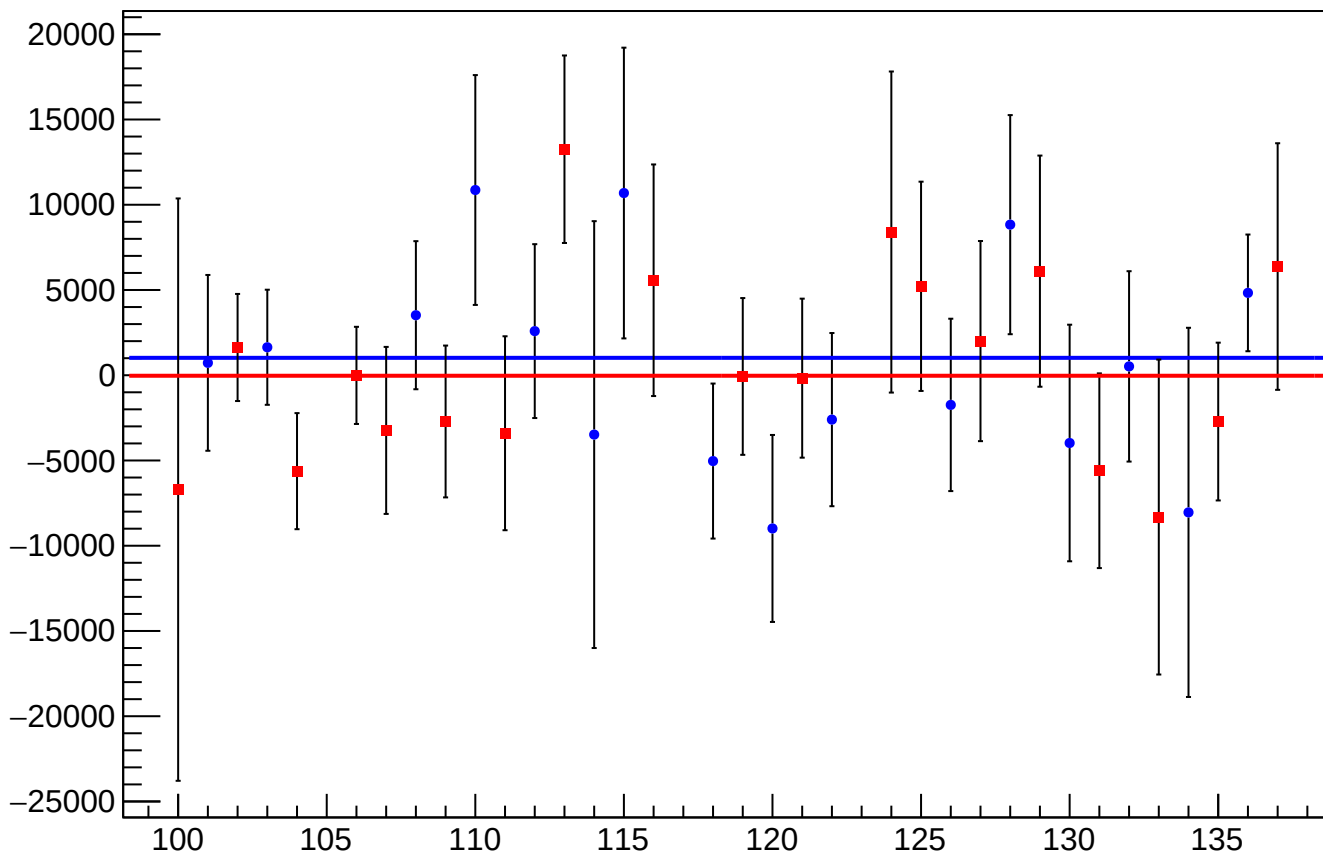
Right: 1162.281+/-0.221 χ^2/NDF : 1126326.7/34

In: 1180.955+/-0.317 χ^2/NDF : 621878.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.281+/-0.221 χ^2/NDF : 1126326.7/34

asym_usr_atr2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1021.047+/-1302.431 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.135+/-1130.743 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

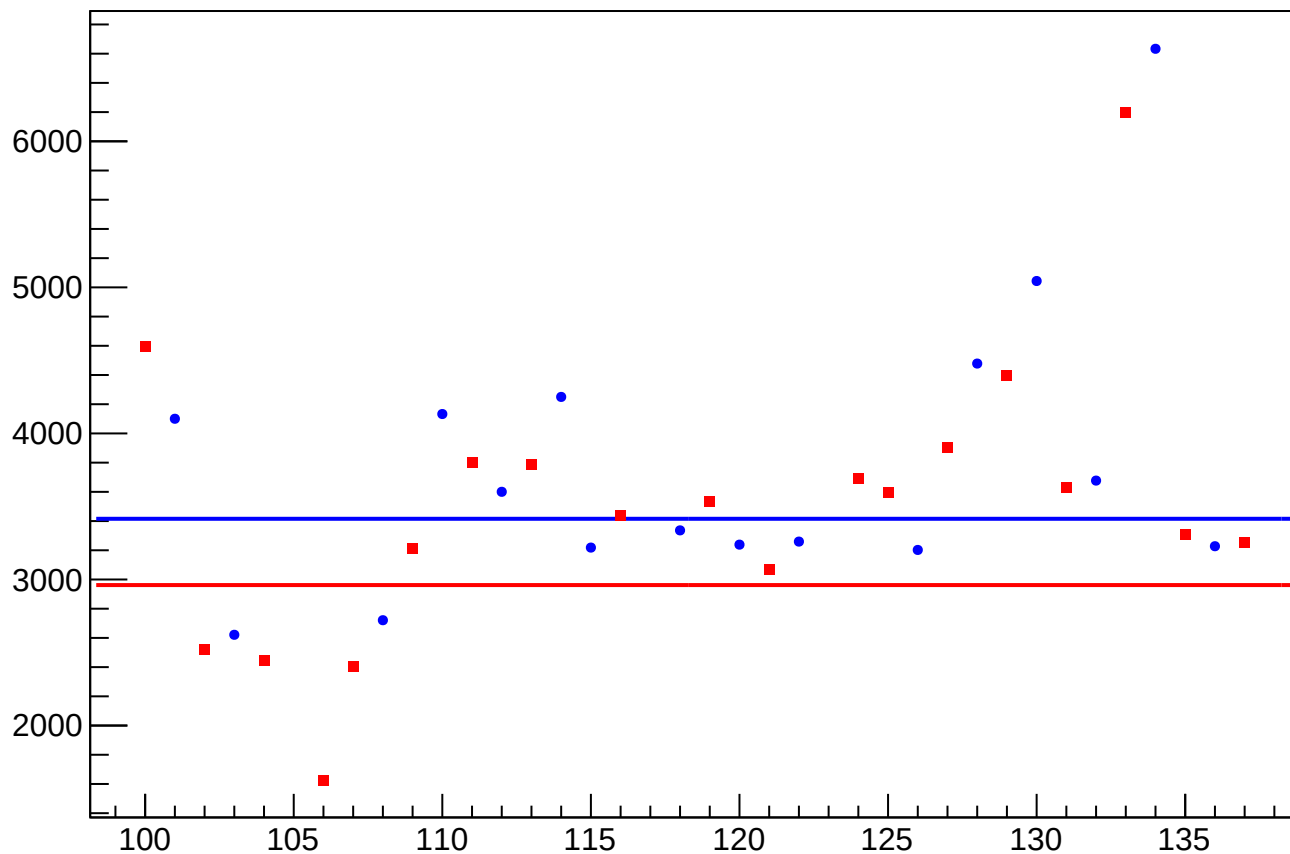
Right: 421.650+/-853.851 χ^2/NDF : 30.4/34

In: 1021.047+/-1302.431 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.650+/-853.851 χ^2/NDF : 30.4/34

asym_usr_atr2_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 3415.595+/-0.921 χ^2 /NDF: 592344.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2961.798+/-0.800 χ^2 /NDF: 1169257.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

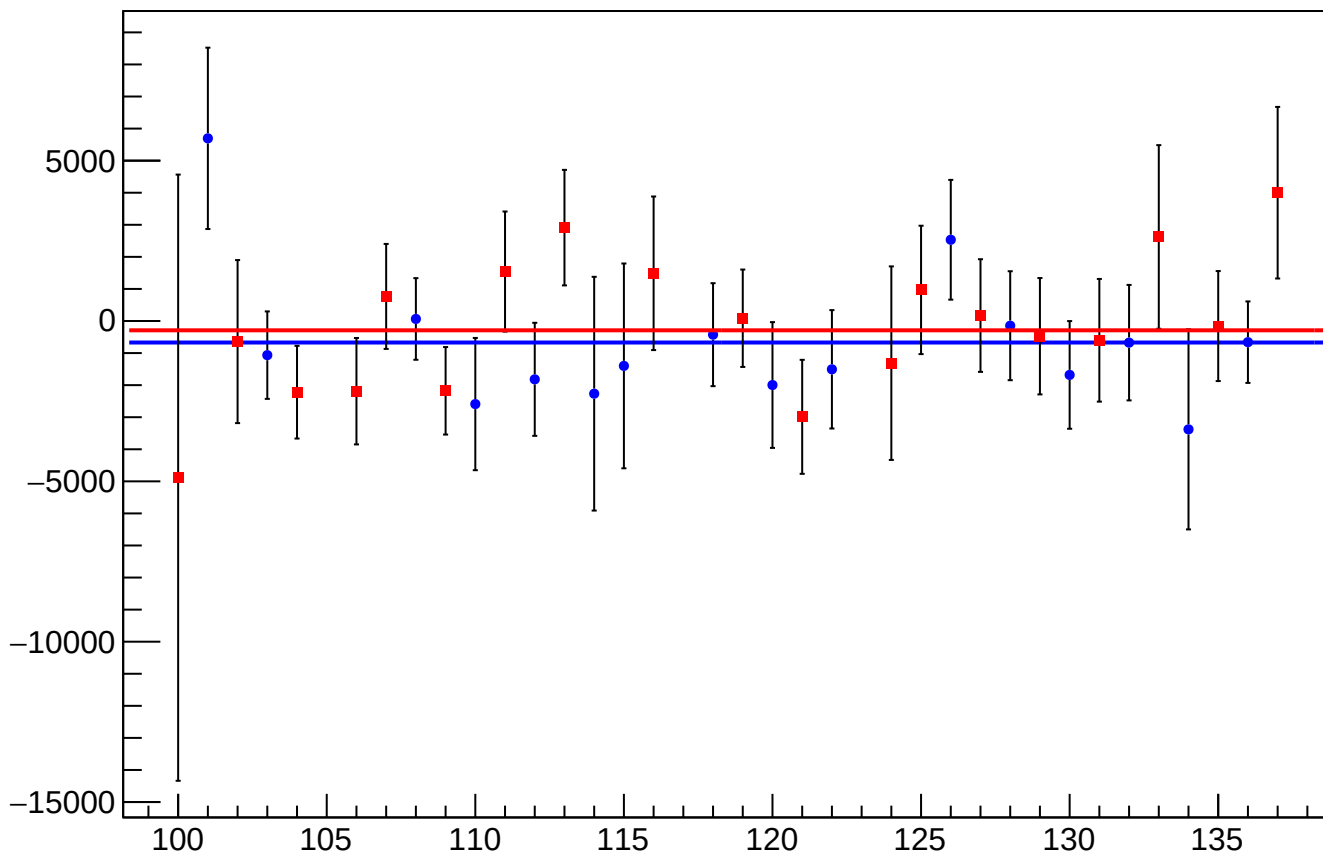
Right: 3156.834+/-0.604 χ^2 /NDF: 1900046.9/34

In: 3415.595+/-0.921 χ^2 /NDF:592344.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3156.834+/-0.604 χ^2 /NDF: 1900046.9/34

eigen_dit_asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -670.824+/-448.500 χ^2/NDF : 11.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -290.316+/-434.425 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

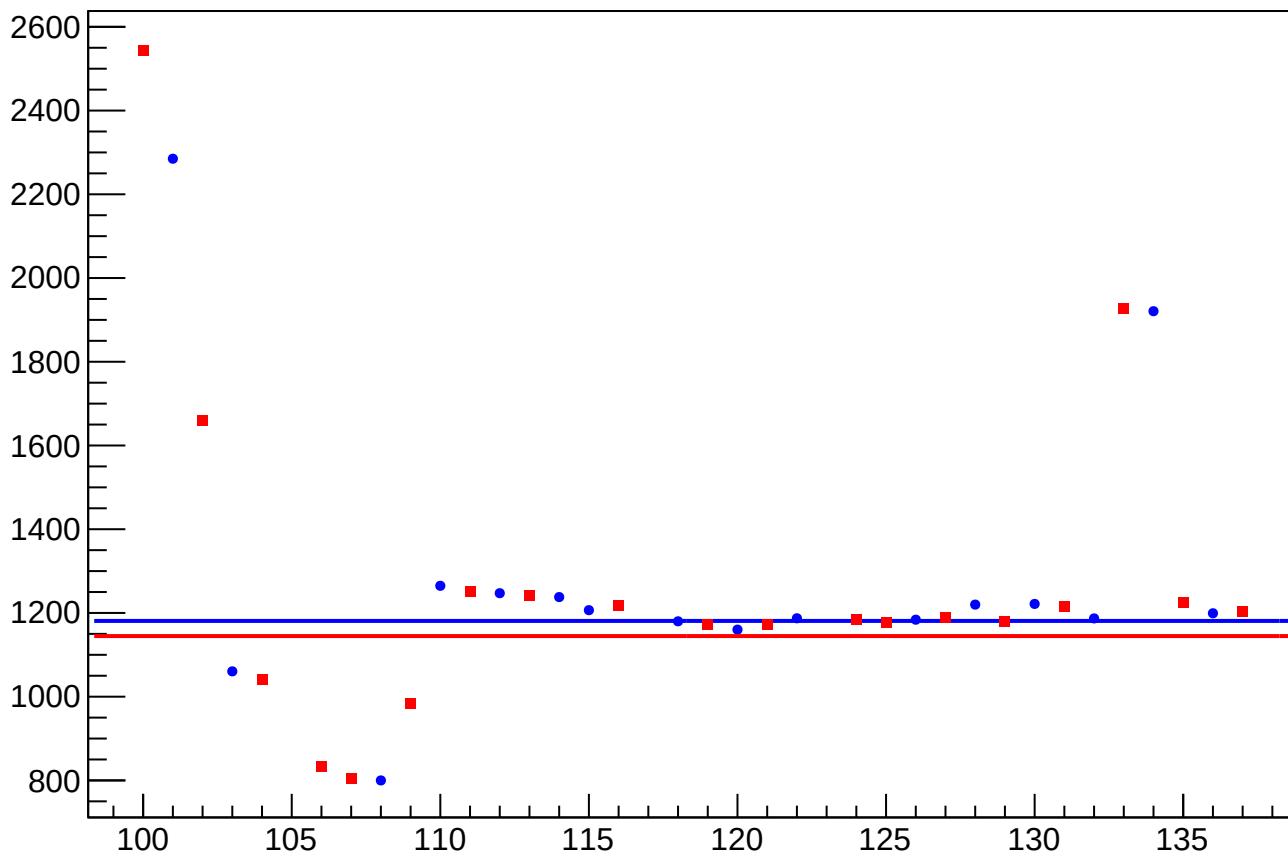
Right: -474.506+/-312.042 χ^2/NDF : 29.2/34

In: -670.824+/-448.500 χ^2/NDF : 11.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -474.506+/-312.042 χ^2/NDF : 29.2/34

eigen_dit_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1180.955+/-0.317 χ^2/NDF : 621878.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1144.777+/-0.307 χ^2/NDF : 497730.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

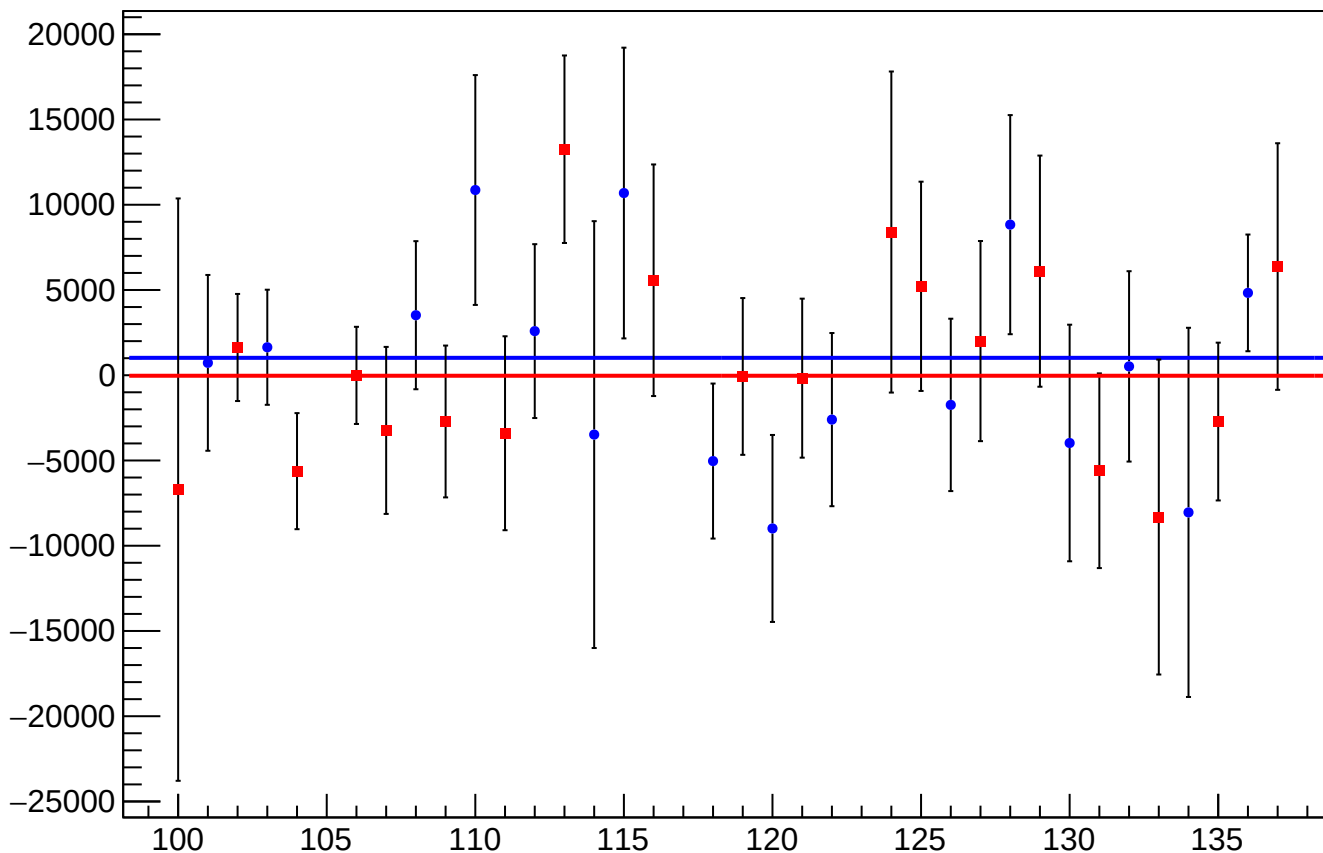
Right: 1162.281+/-0.221 χ^2/NDF : 1126326.4/34

In: 1180.955+/-0.317 χ^2/NDF : 621878.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1162.281+/-0.221 χ^2/NDF : 1126326.4/34

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1021.029+/-1302.430 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -30.142+/-1130.741 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

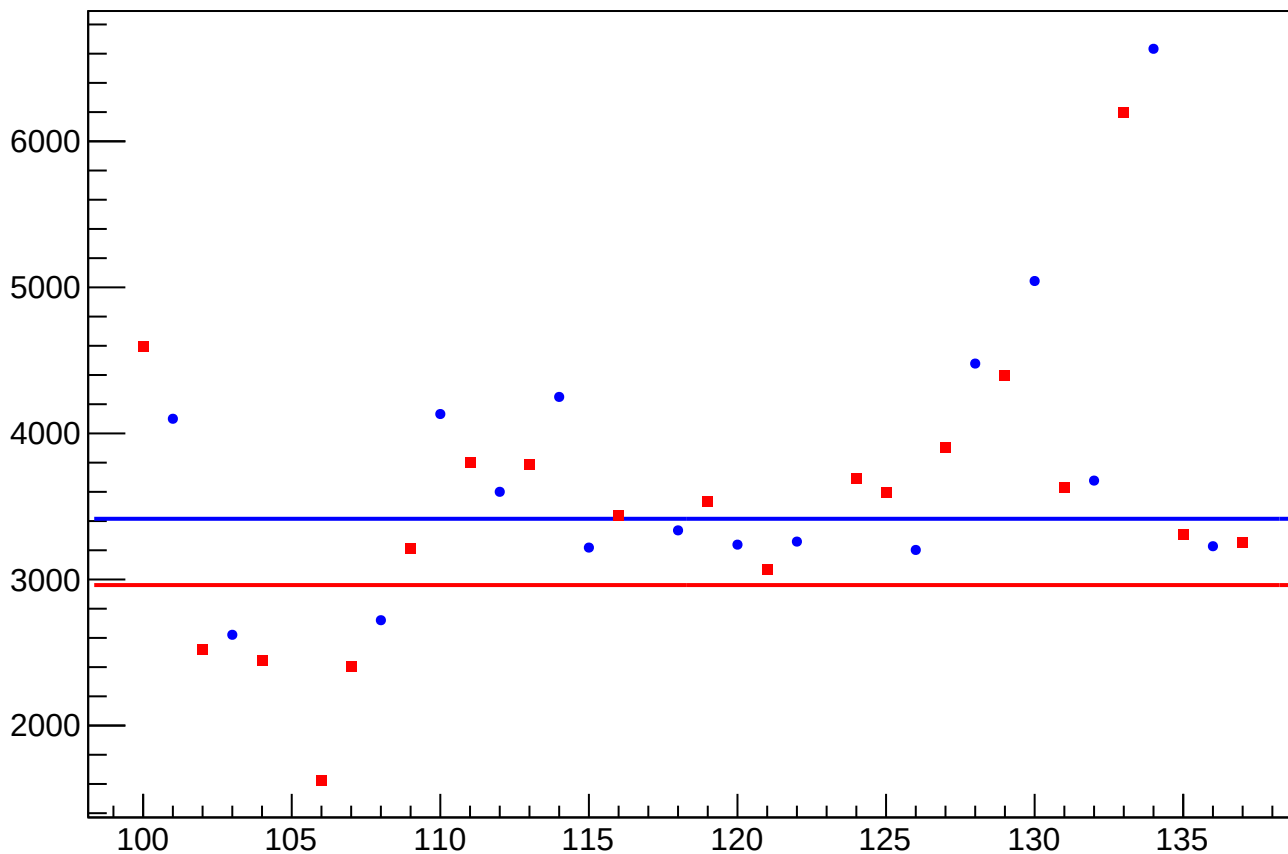
Right: 421.639+/-853.849 χ^2/NDF : 30.4/34

In: 1021.029+/-1302.430 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 421.639+/-853.849 χ^2/NDF : 30.4/34

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3415.591+/-0.921 χ^2/NDF : 592339.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2961.793+/-0.800 χ^2/NDF : 1169257.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

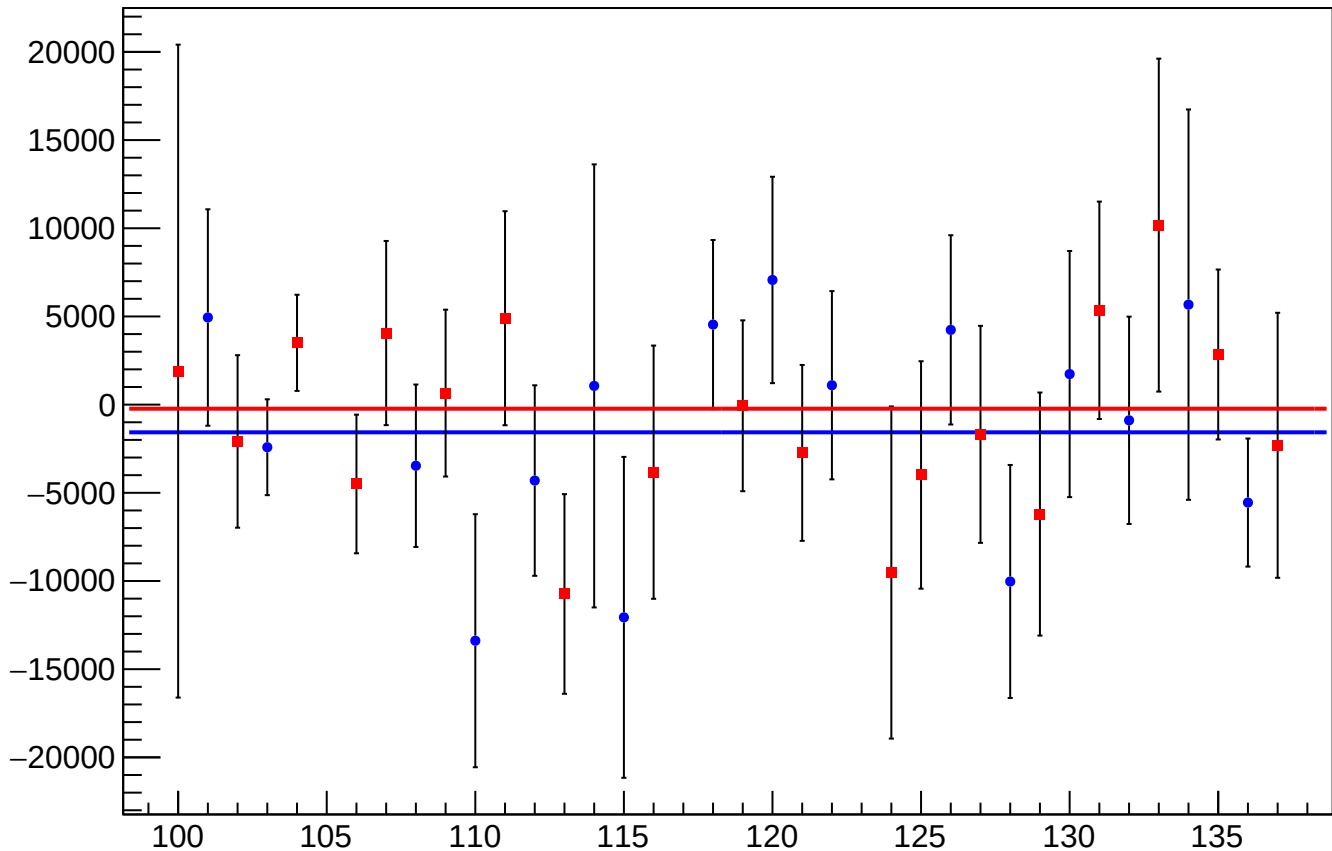
Right: 3156.830+/-0.604 χ^2/NDF : 1900042.9/34

In: 3415.591+/-0.921 χ^2/NDF : 592339.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3156.830+/-0.604 χ^2/NDF : 1900042.9/34

asym_usr_atr2_dd_mean vs Slug, Sign Corrected



Right In: -1569.809+/-1312.937 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -231.125+/-1224.318 χ^2/NDF : 13.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

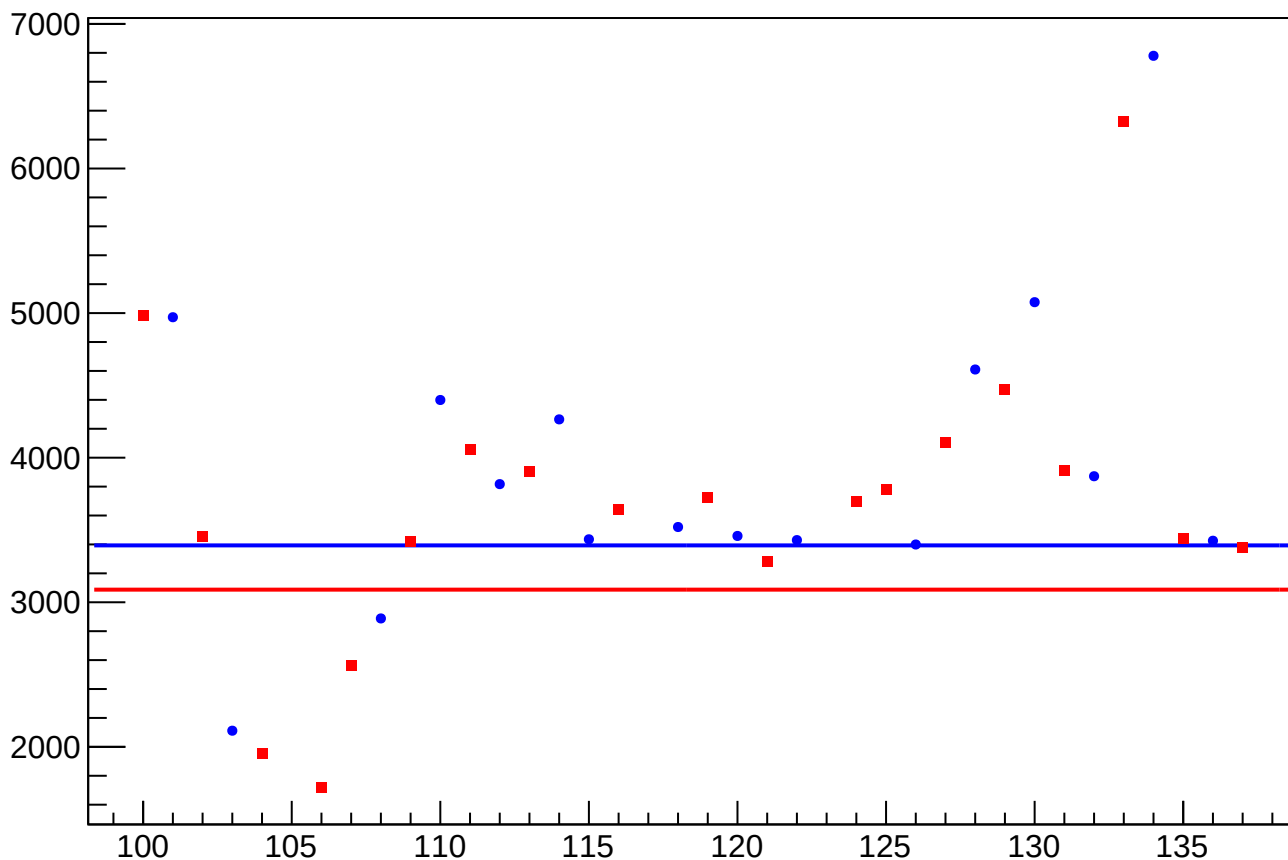
Right: -853.767+/-895.415 χ^2/NDF : 28.2/34

In: -1569.809+/-1312.937 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -853.767+/-895.415 χ^2/NDF : 28.2/34

asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 3393.365+/-0.928 χ^2/NDF : 1048707.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3087.307+/-0.851 χ^2/NDF : 1328355.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

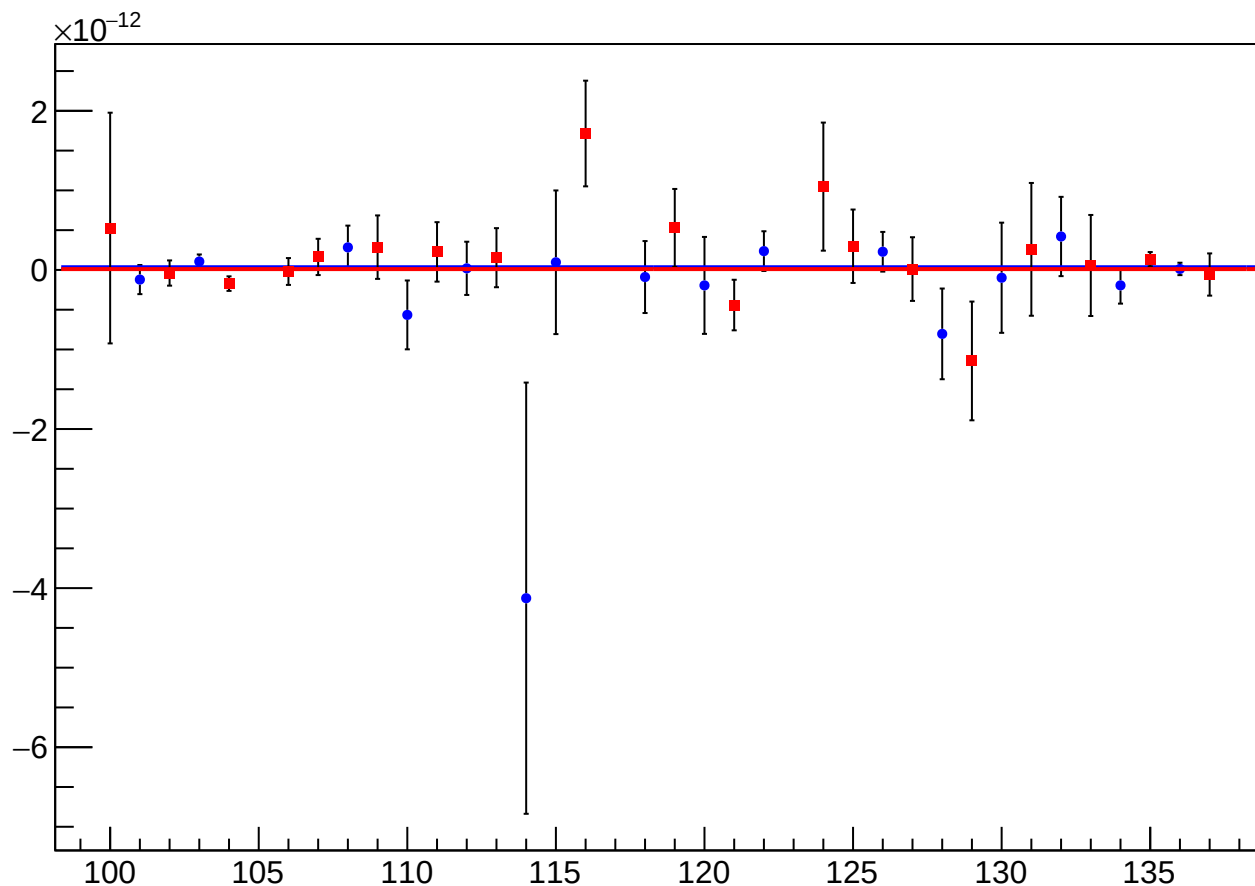
Right: 3227.090+/-0.627 χ^2/NDF : 2436107.0/34

In: 3393.365+/-0.928 χ^2/NDF : 1048707.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3227.090+/-0.627 χ^2/NDF : 2436107.0/34

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

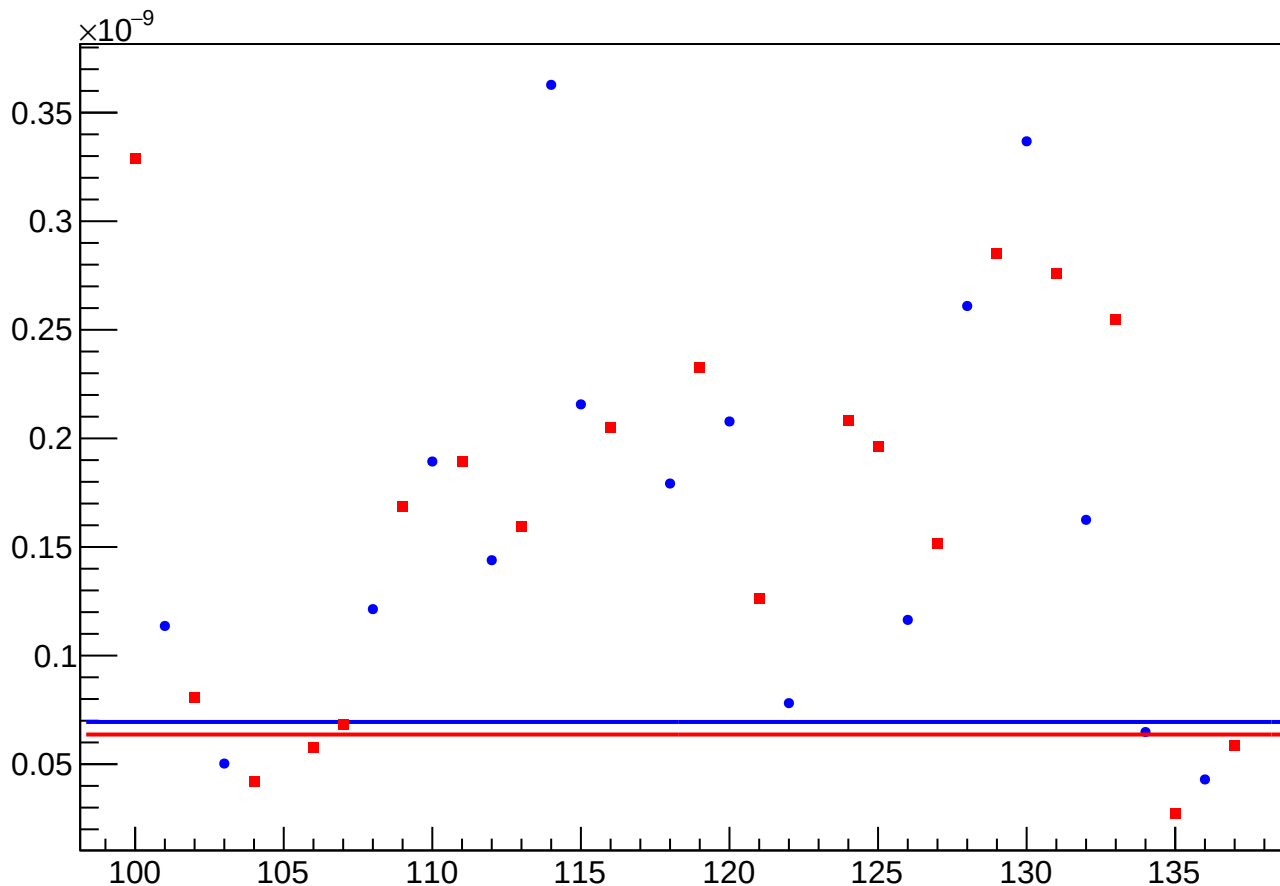
Right: 0.000+/-0.000 χ^2/NDF : 33.8/34

In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.8/34

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1729471.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2250342.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

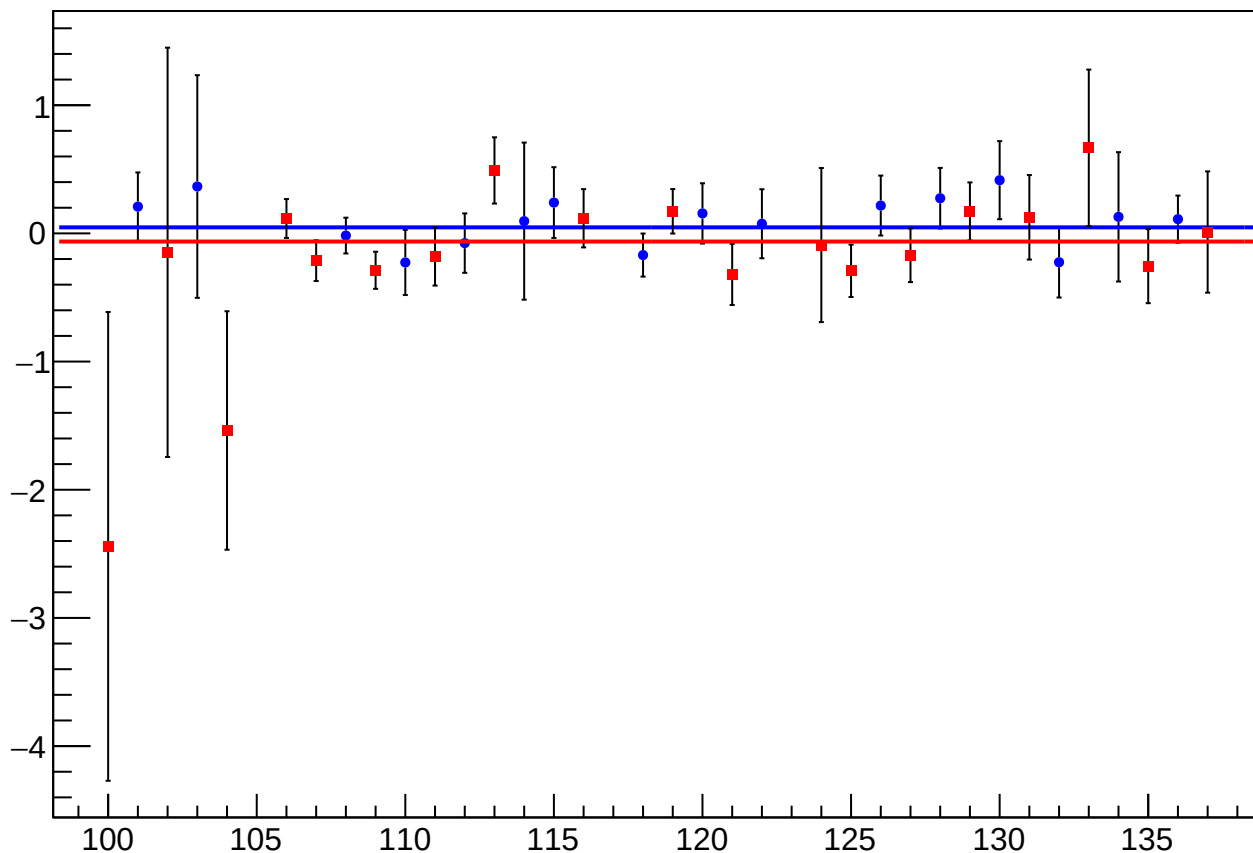
Right: 0.000+/-0.000 χ^2/NDF : 3993621.5/34

In: 0.000+/-0.000 χ^2/NDF : 1729471.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3993621.5/34

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.060 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.055 χ^2 /NDF: 22.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

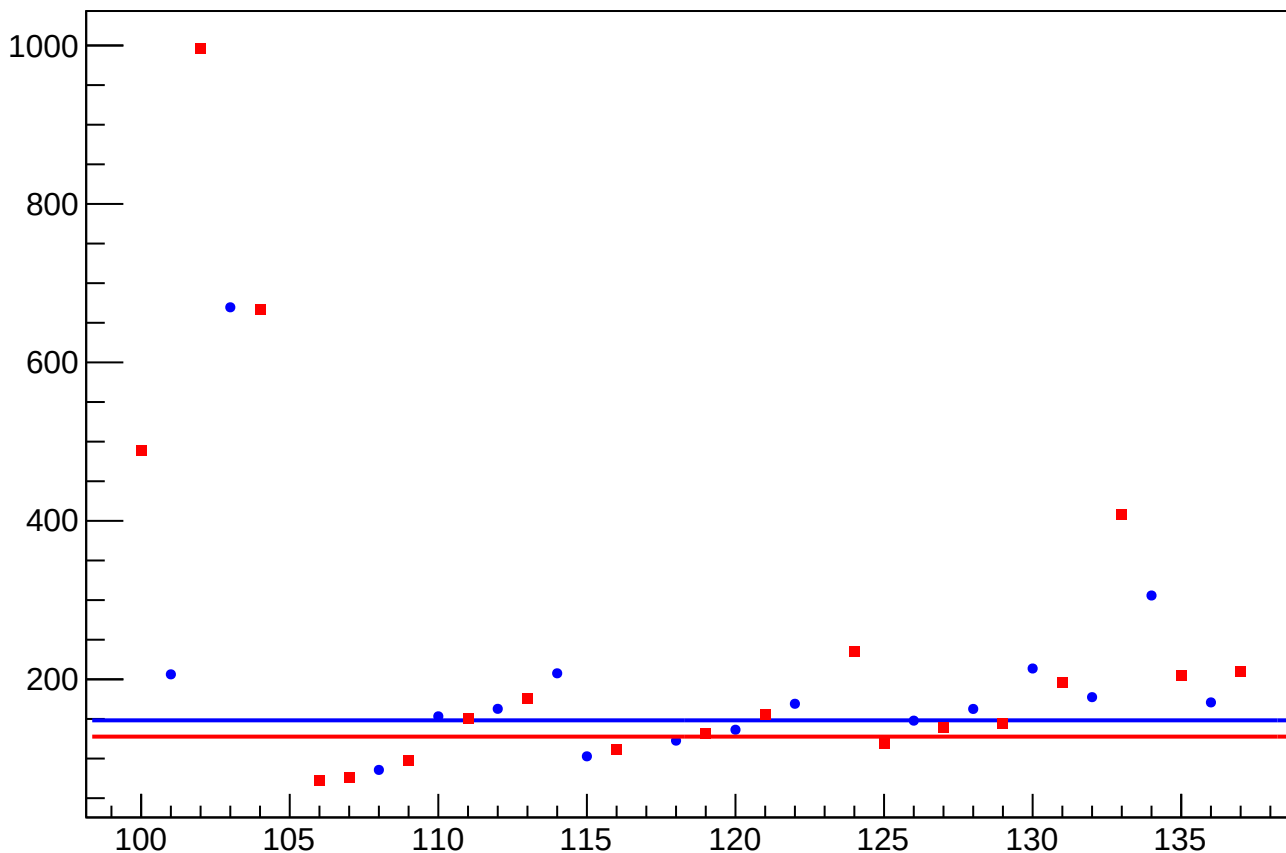
Right: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

In: 0.047 $\pm$ 0.060 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

asym_usr_atr2_dd_dit_vs_Slug, Sign Corrected



Right In: 148.240+/-0.042 χ^2/NDF : 1710035.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.685+/-0.039 χ^2/NDF : 2841780.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

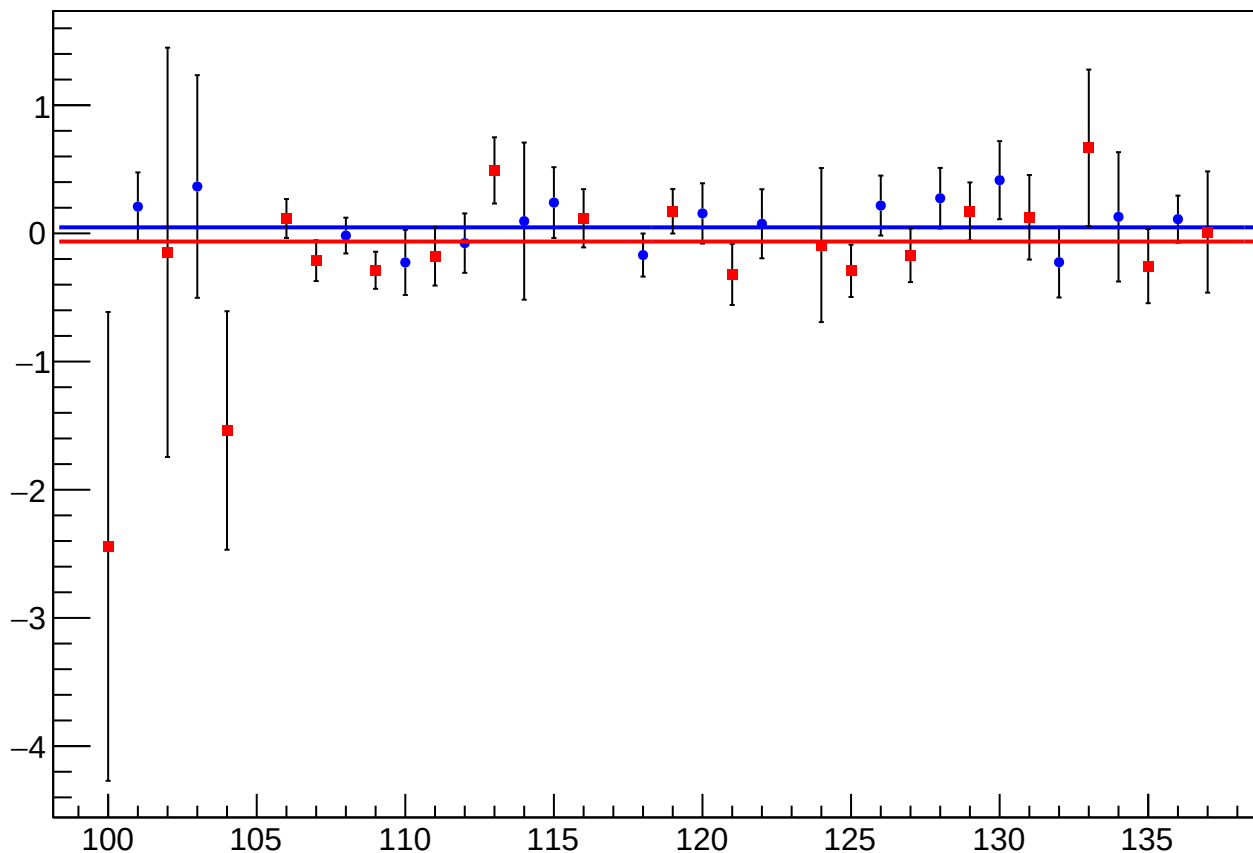
Right: 137.004+/-0.029 χ^2/NDF : 4680006.1/34

In: 148.240+/-0.042 χ^2/NDF : 1710035.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.004+/-0.029 χ^2/NDF : 4680006.1/34

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.060 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.055 χ^2 /NDF: 22.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

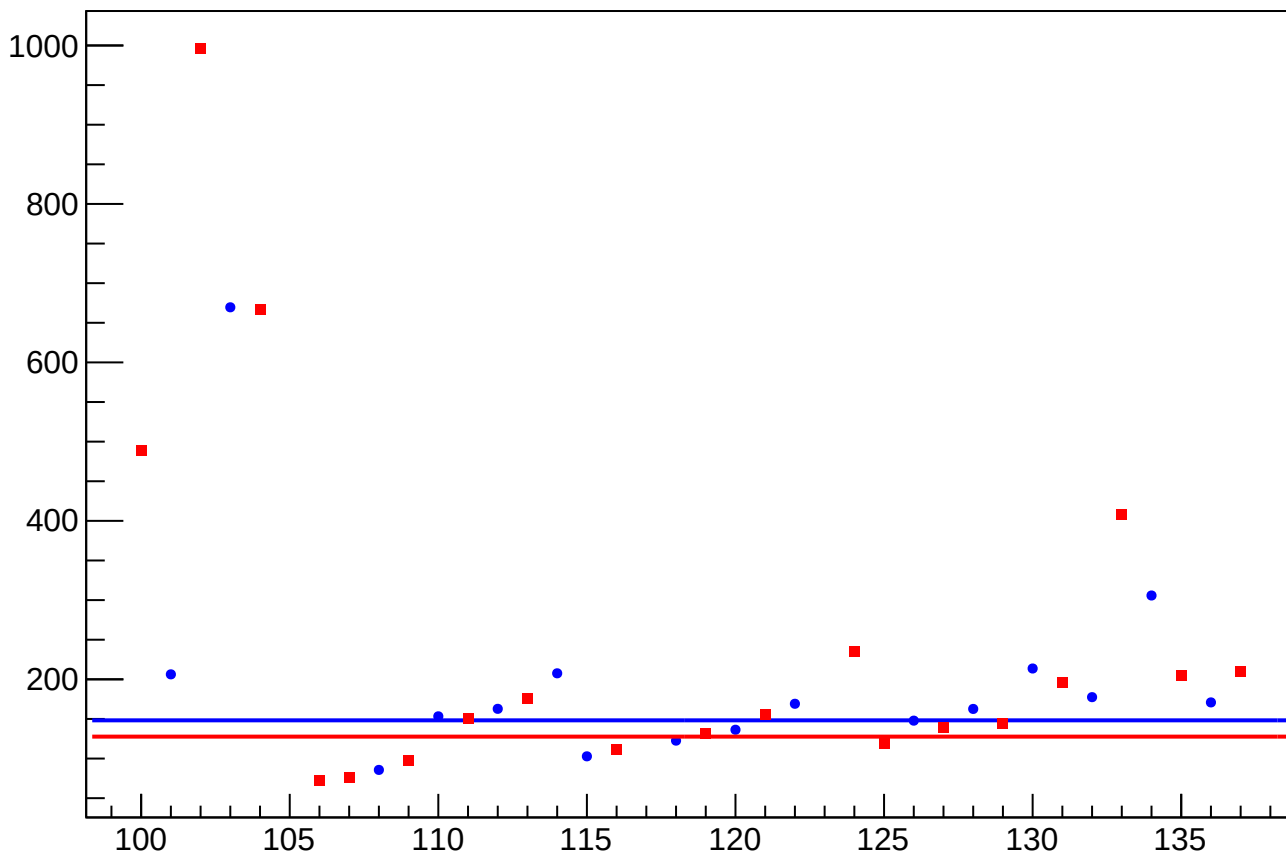
Right: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

In: 0.047 $\pm$ 0.060 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.240 $\pm$ 0.042 χ^2 /NDF: 1710035.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 127.685 $\pm$ 0.039 χ^2 /NDF: 2841780.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

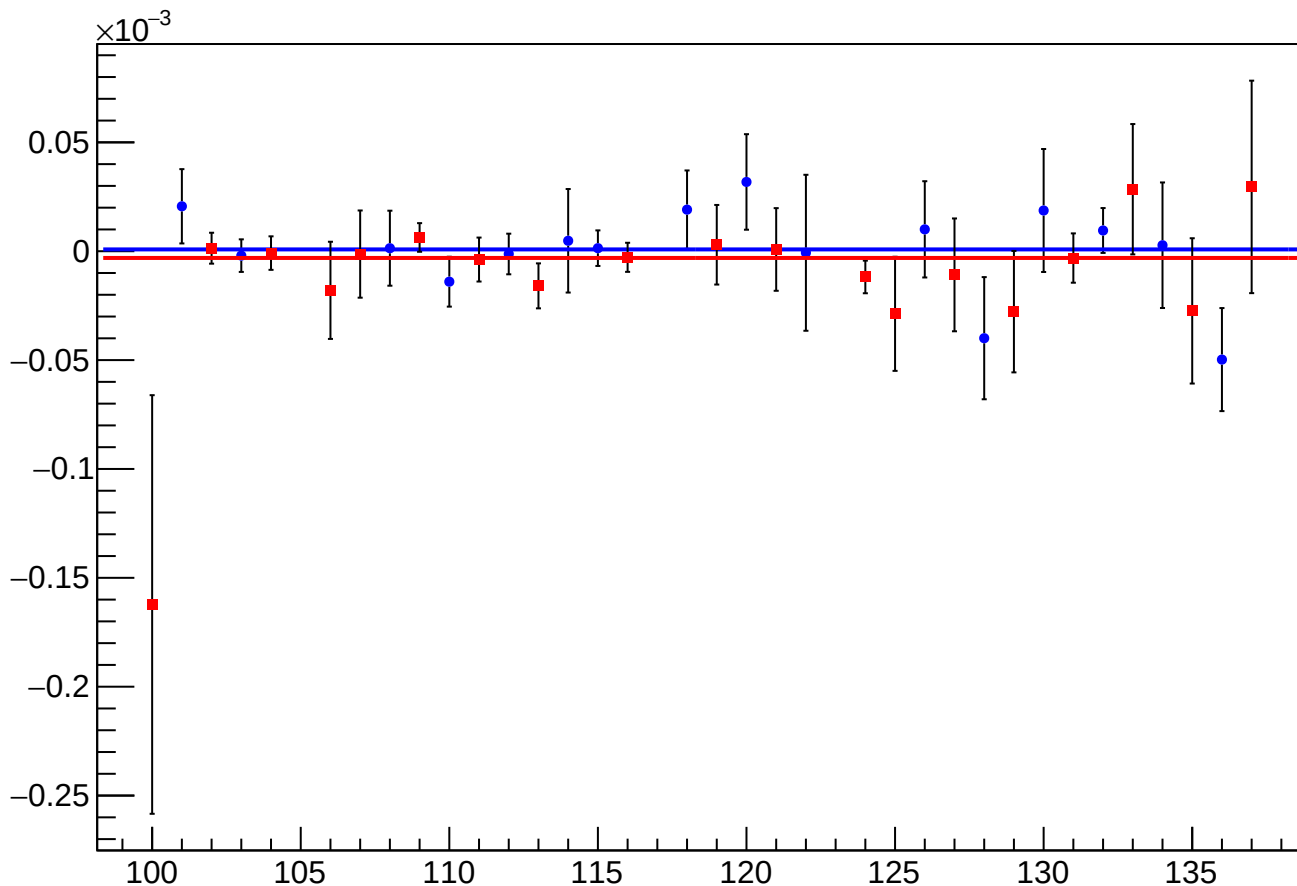
Right: 137.004 $\pm$ 0.029 χ^2 /NDF: 4680006.1/34

In: 148.240 $\pm$ 0.042 χ^2 /NDF:1710035.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.004 $\pm$ 0.029 χ^2 /NDF: 4680006.1/34

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

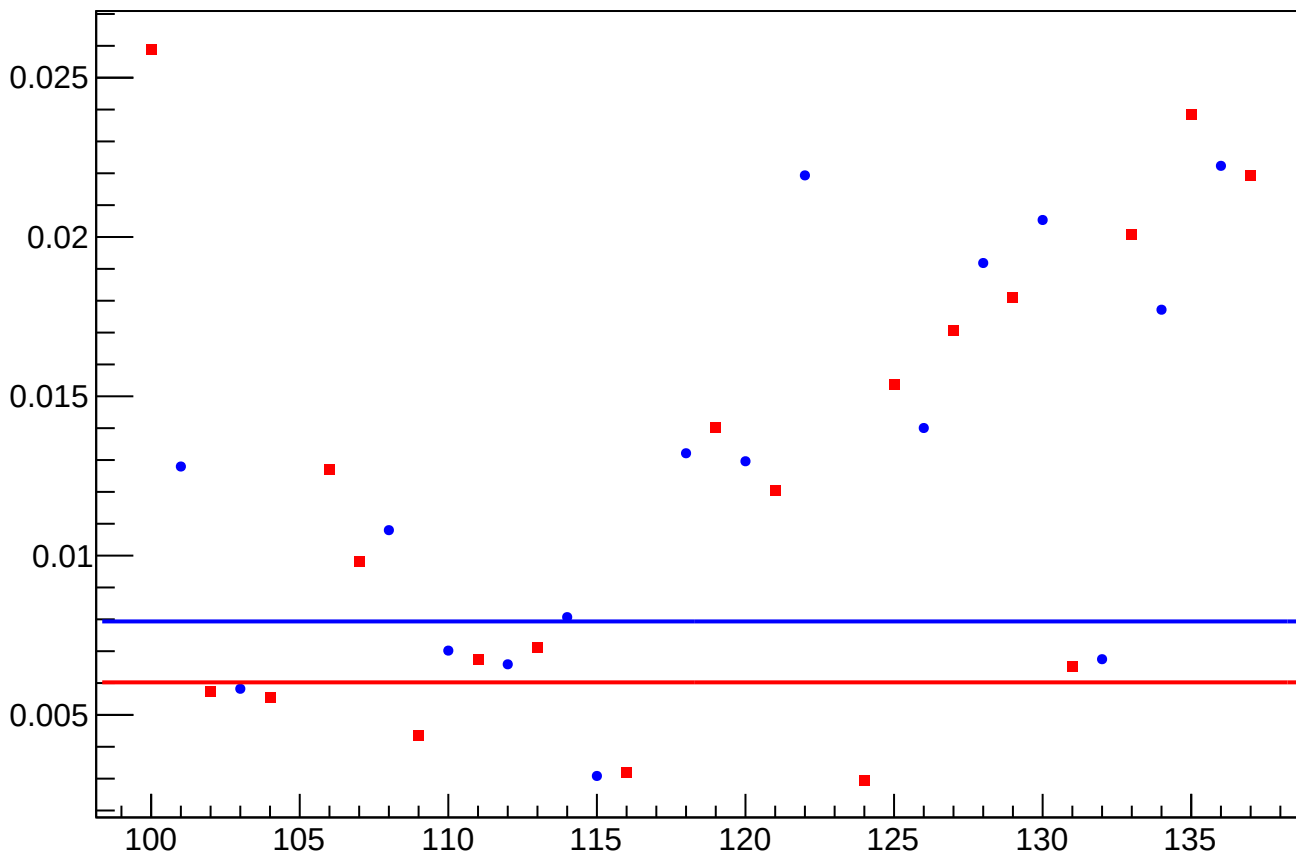
Right: -0.000+/-0.000 χ^2/NDF : 27.8/34

In: 0.000+/-0.000 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/34

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000

χ^2/NDF : 3577687.8/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 4009592.0/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 7973863.6/34

In: 0.008+/-0.000

χ^2/NDF : 3577687.8/15

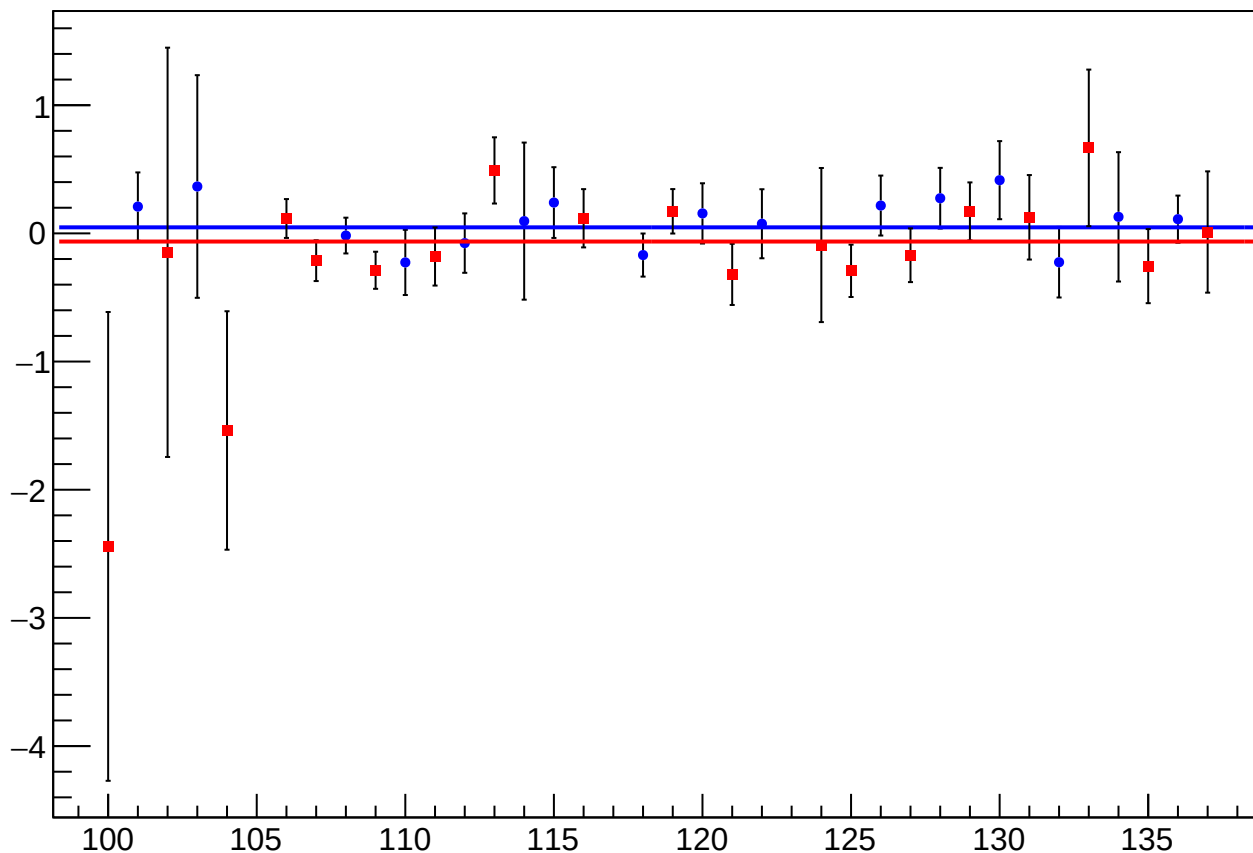
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 7973863.6/34

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.060 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.055 χ^2 /NDF: 22.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

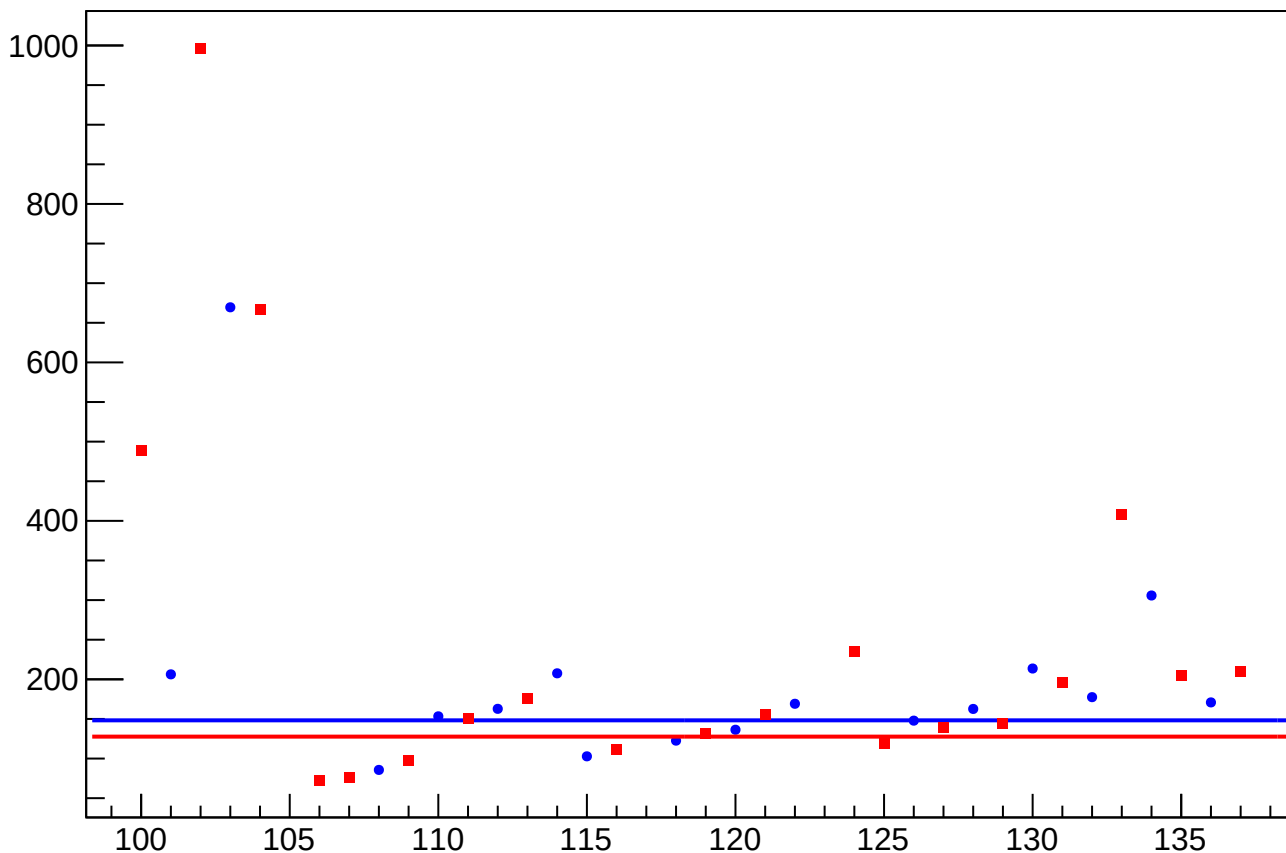
Right: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

In: 0.047 $\pm$ 0.060 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.238+/-0.042 χ^2/NDF : 1710114.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.685+/-0.039 χ^2/NDF : 2841772.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

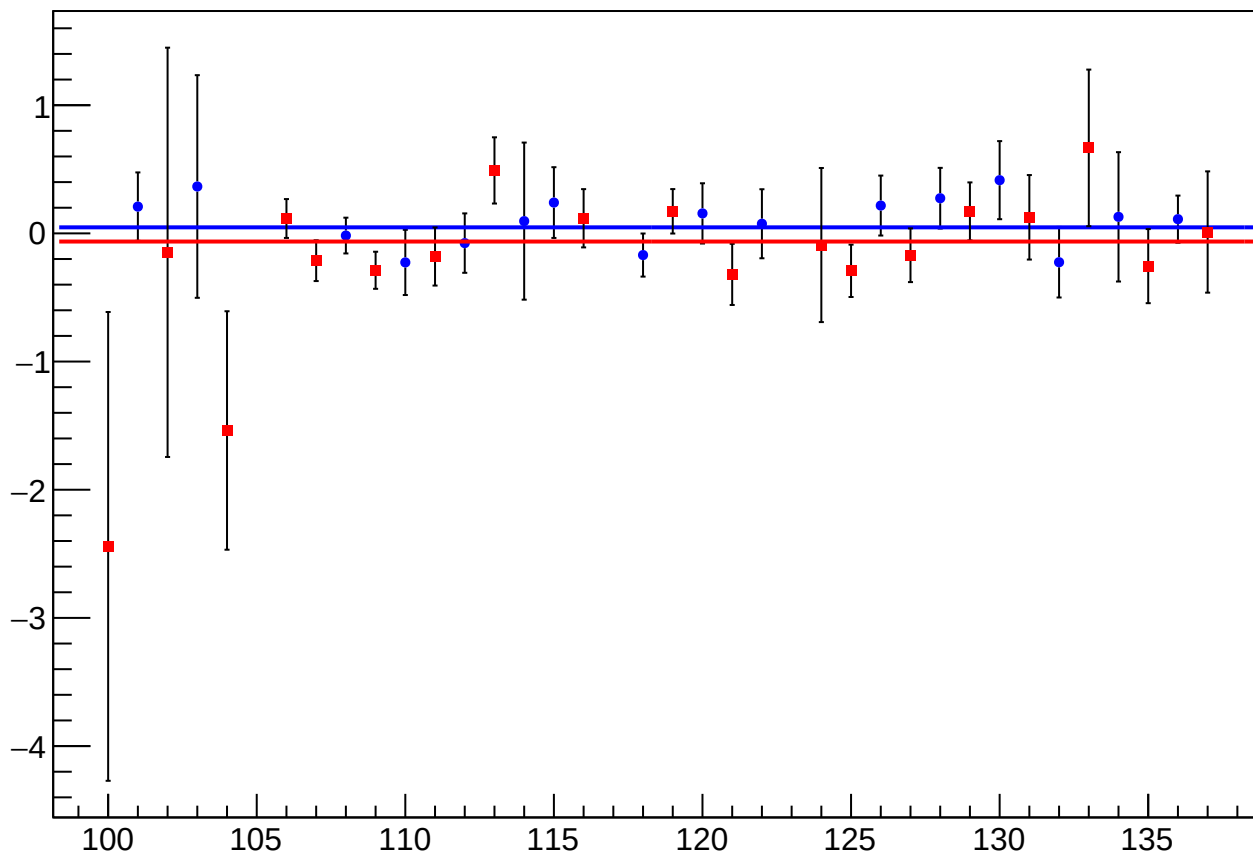
Right: 137.003+/-0.029 χ^2/NDF : 4680047.3/34

In: 148.238+/-0.042 χ^2/NDF : 1710114.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.003+/-0.029 χ^2/NDF : 4680047.3/34

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.047 $\pm$ 0.060 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.064 $\pm$ 0.055 χ^2 /NDF: 22.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

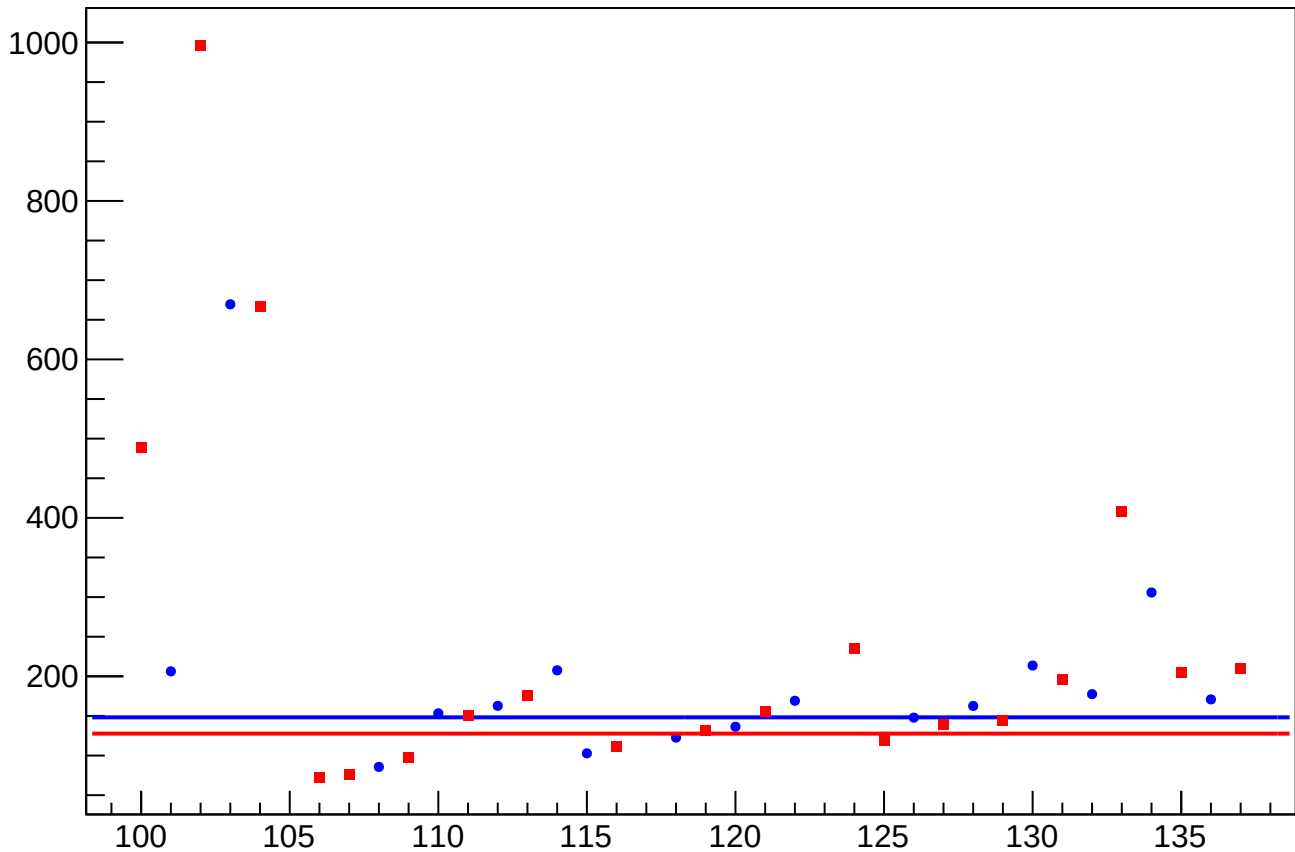
Right: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

In: 0.047 $\pm$ 0.060 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.040 χ^2 /NDF: 32.7/34

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.238+/-0.042 χ^2/NDF : 1710114.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.685+/-0.039 χ^2/NDF : 2841772.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

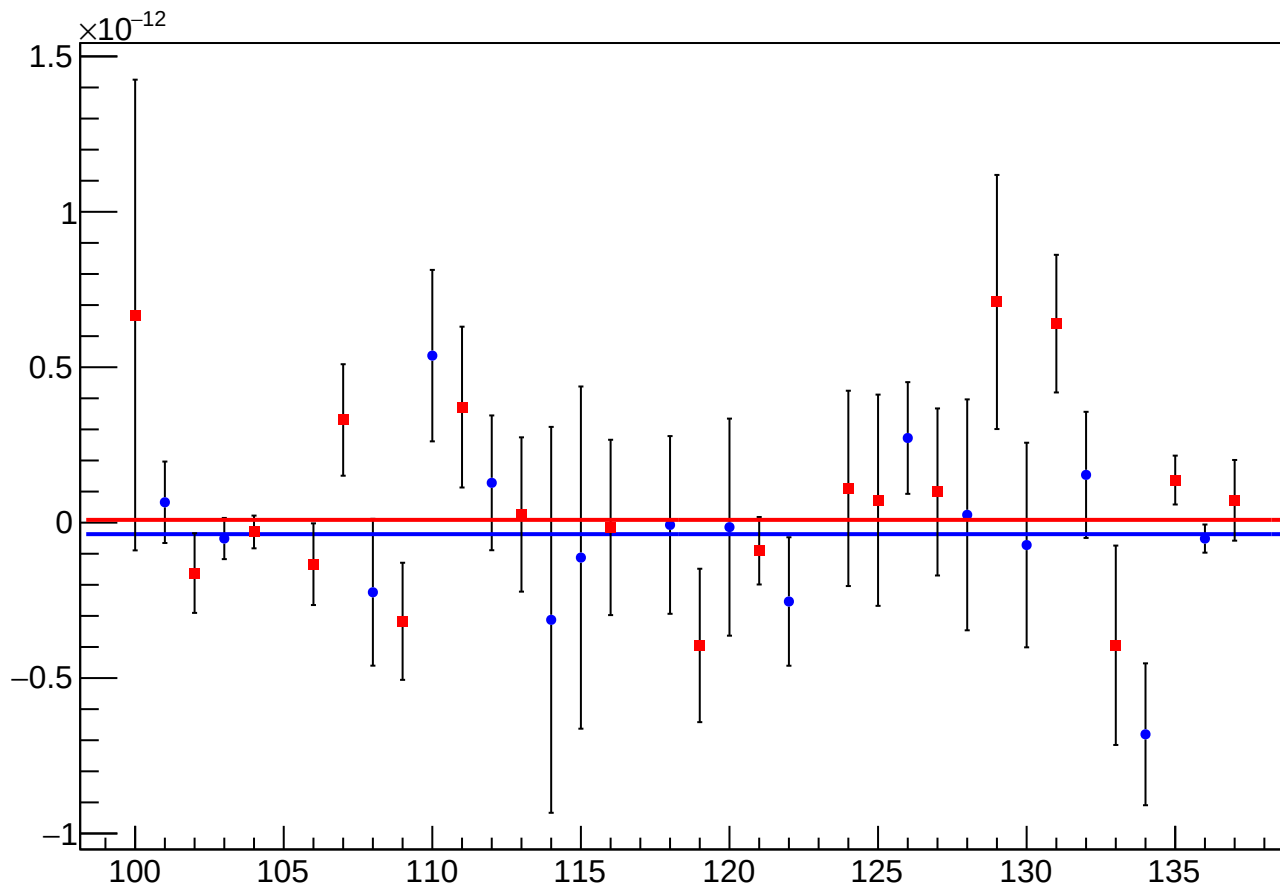
Right: 137.003+/-0.029 χ^2/NDF : 4680047.3/34

In: 148.238+/-0.042 χ^2/NDF : 1710114.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.003+/-0.029 χ^2/NDF : 4680047.3/34

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 19.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 31.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

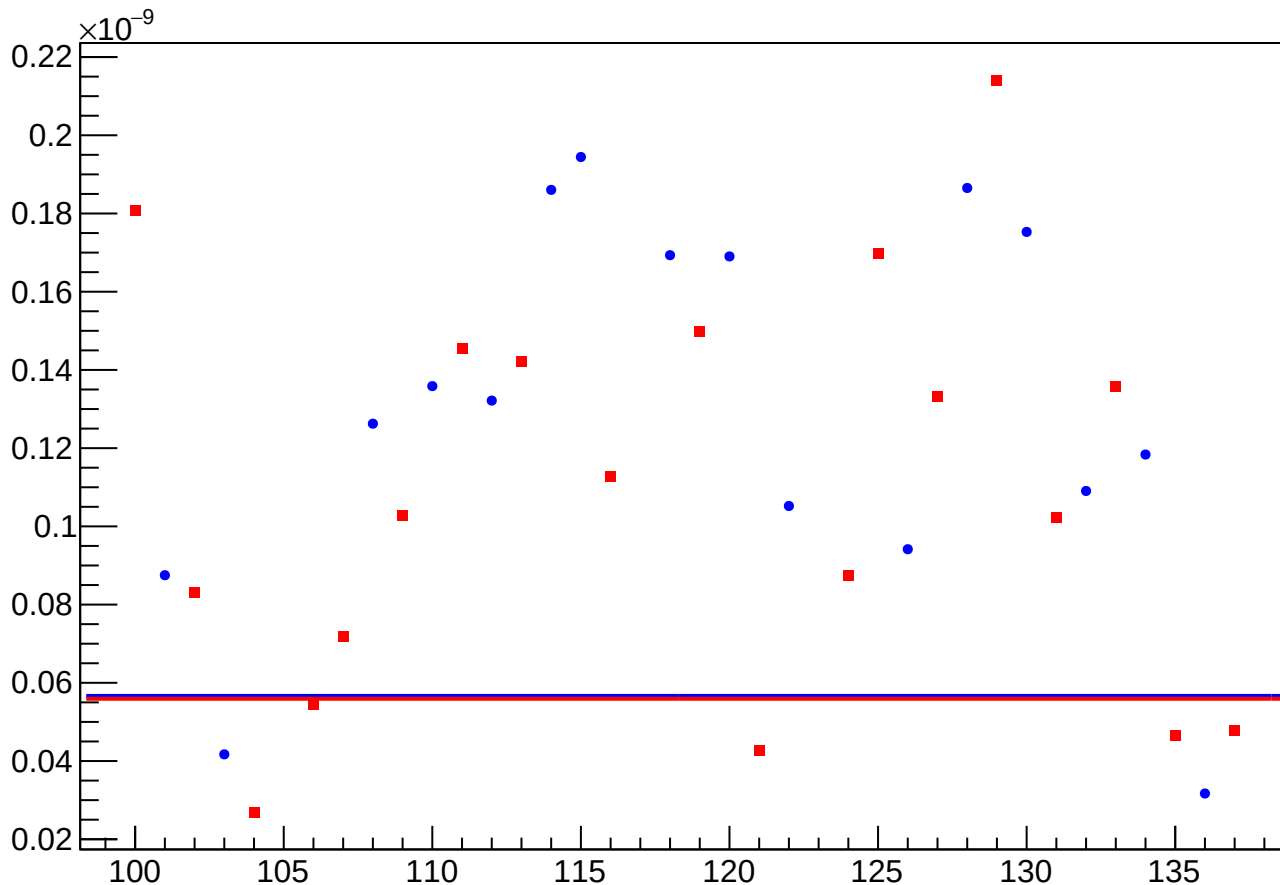
Right: -0.000+/-0.000 χ^2/NDF : 52.3/34

In: -0.000+/-0.000 χ^2/NDF : 19.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 52.3/34

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3113213.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2732977.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

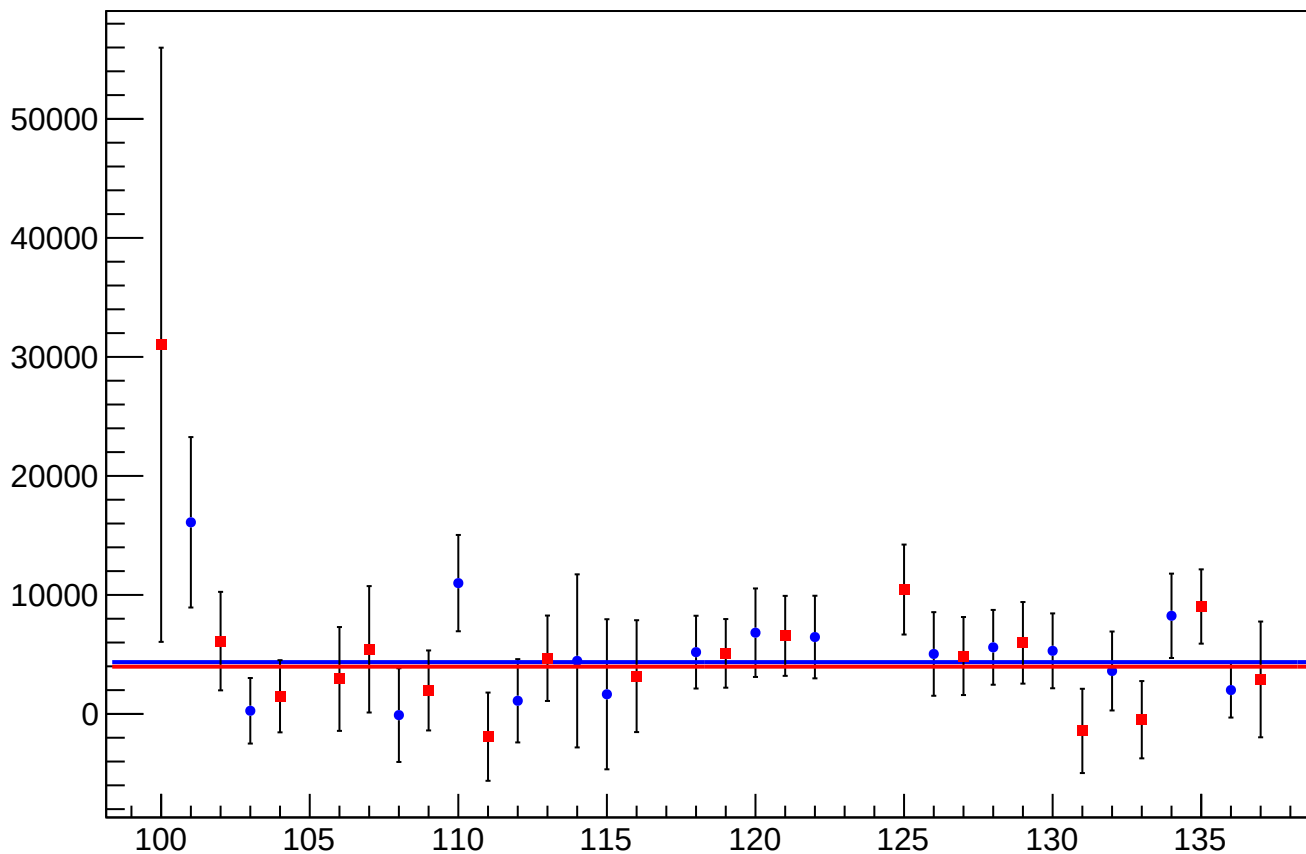
Right: 0.000+/-0.000 χ^2/NDF : 5846702.2/34

In: 0.000+/-0.000 χ^2/NDF :3113213.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5846702.2/34

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4354.350+/-875.155 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3971.679+/-871.305 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

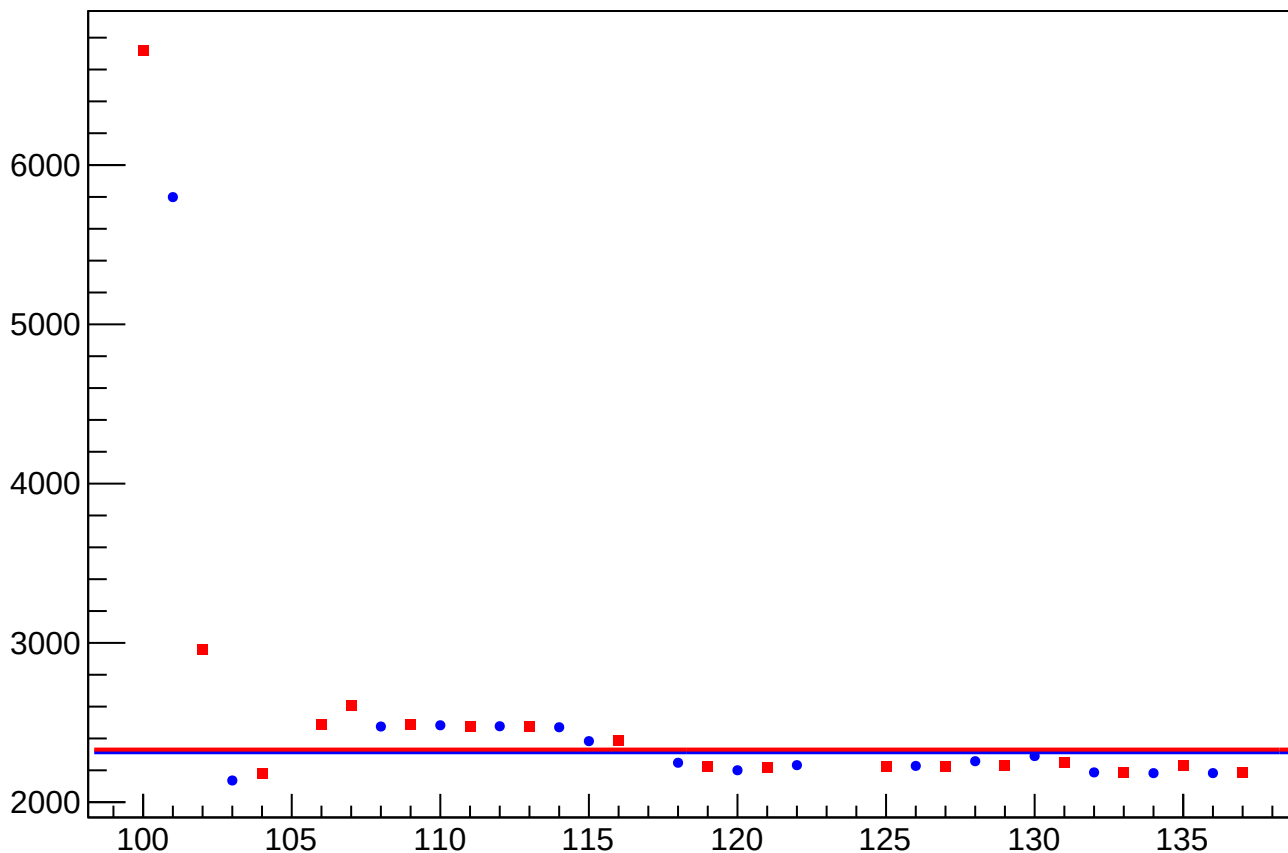
Right: 4162.171+/-617.462 χ^2/NDF : 29.6/33

In: 4354.350+/-875.155 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4162.171+/-617.462 χ^2/NDF : 29.6/33

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2313.413+/-0.619 χ^2/NDF : 512371.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2330.200+/-0.616 χ^2/NDF : 151210.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

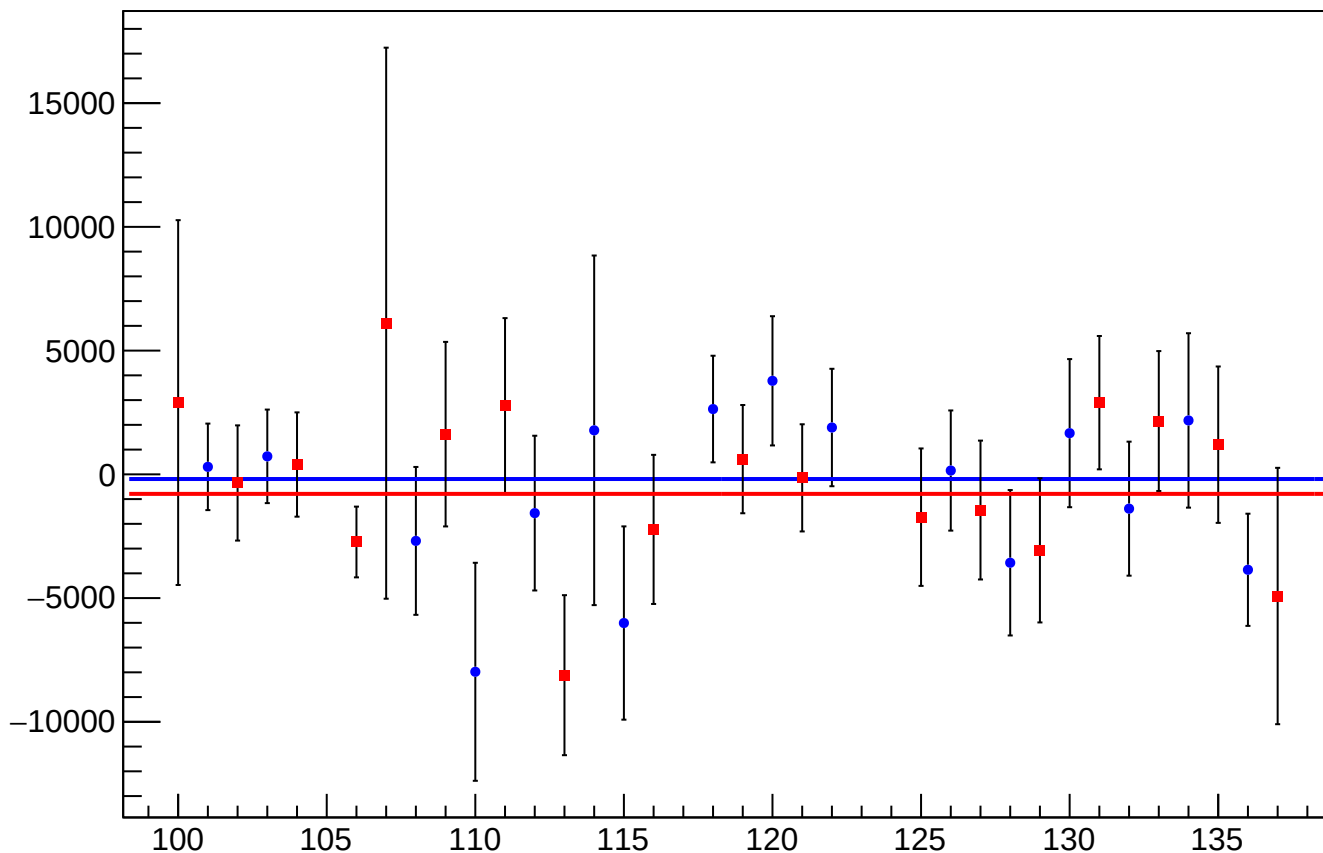
Right: 2321.844+/-0.437 χ^2/NDF : 663951.9/33

In: 2313.413+/-0.619 χ^2/NDF : 512371.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2321.844+/-0.437 χ^2/NDF : 663951.9/33

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.660+/-658.334 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -789.317+/-634.900 χ^2/NDF : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

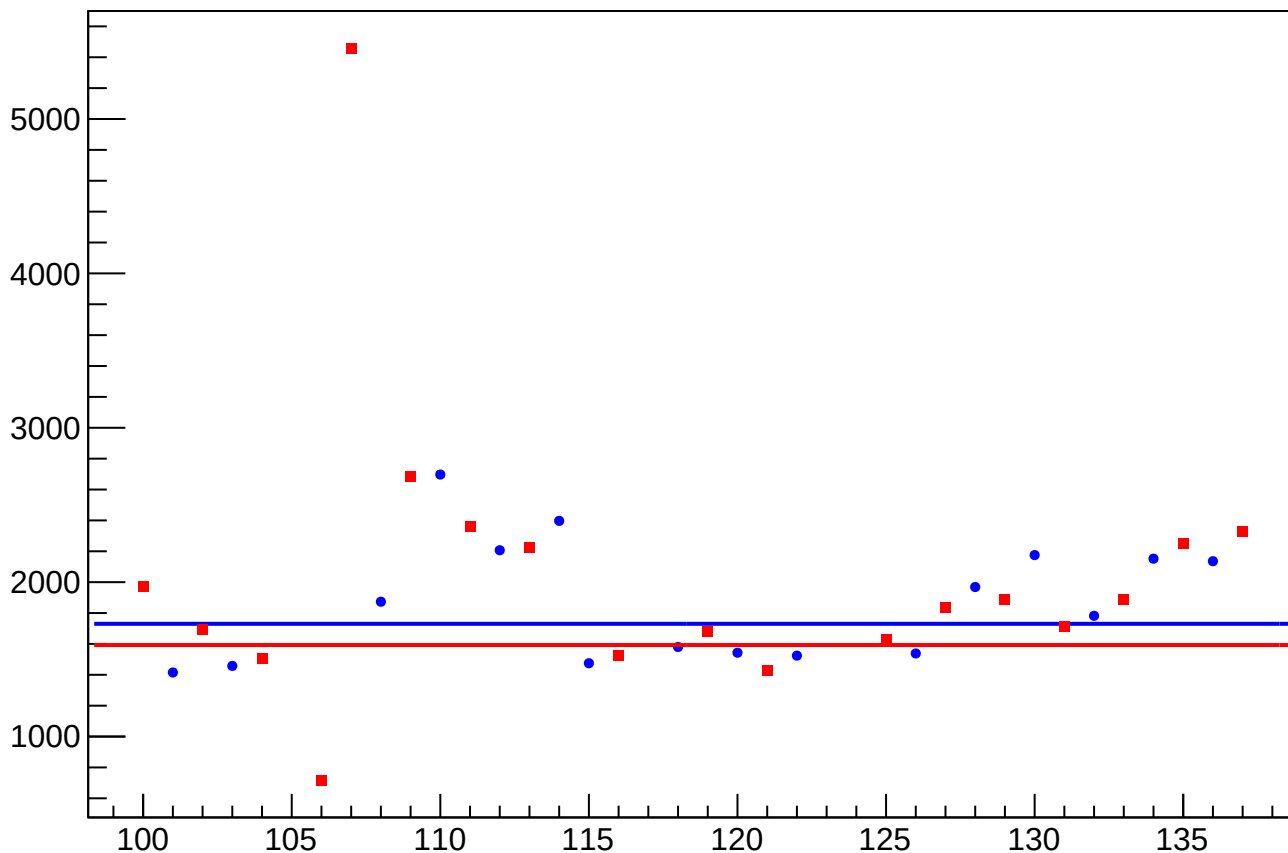
Right: -499.869+/-457.002 χ^2/NDF : 31.8/33

In: -188.660+/-658.334 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -499.869+/-457.002 χ^2/NDF : 31.8/33

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1730.288+/-0.466 χ^2/NDF : 478932.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1592.824+/-0.449 χ^2/NDF : 1556204.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

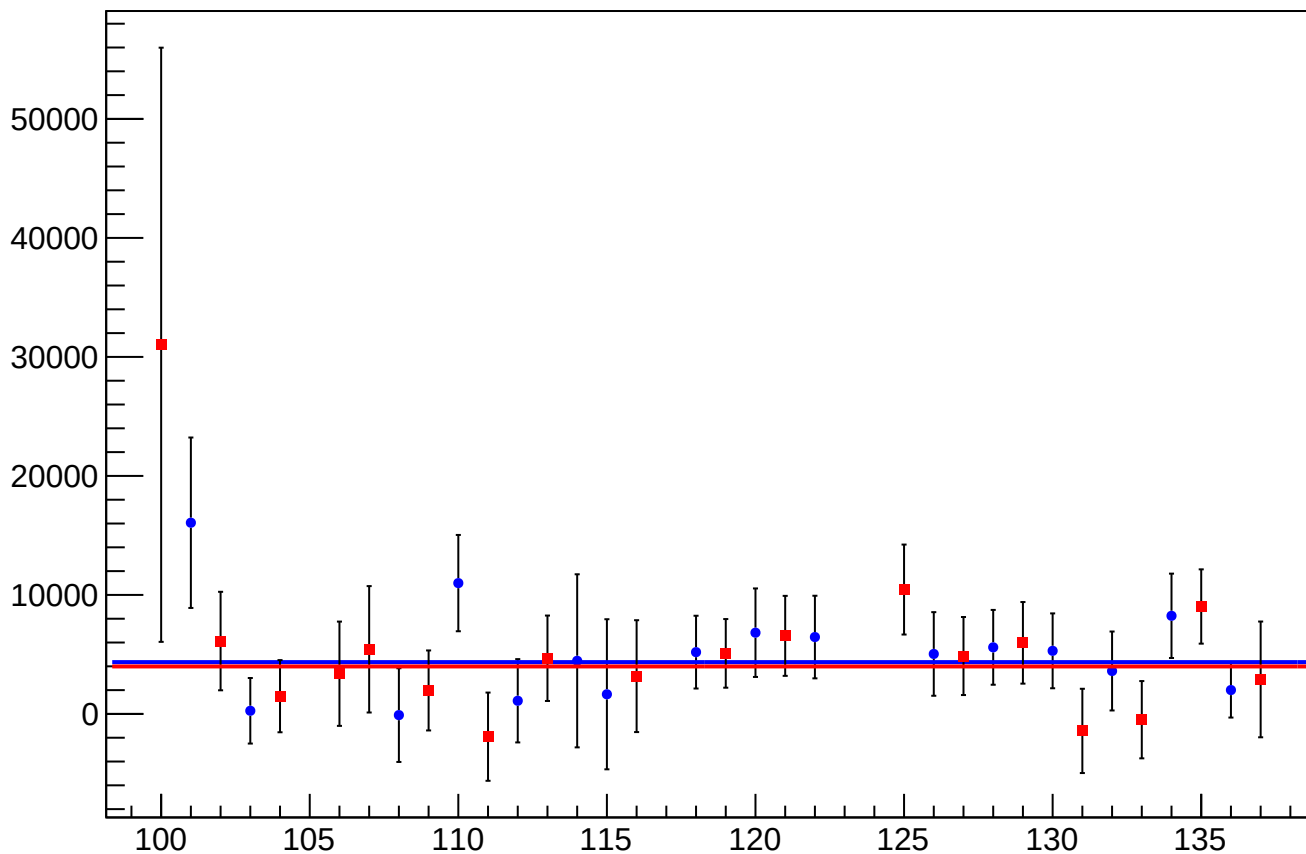
Right: 1659.066+/-0.323 χ^2/NDF : 2080315.9/33

In: 1730.288+/-0.466 χ^2/NDF :478932.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1659.066+/-0.323 χ^2/NDF : 2080315.9/33

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4353.670+/-875.155 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3989.884+/-871.455 χ^2/NDF : 16.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

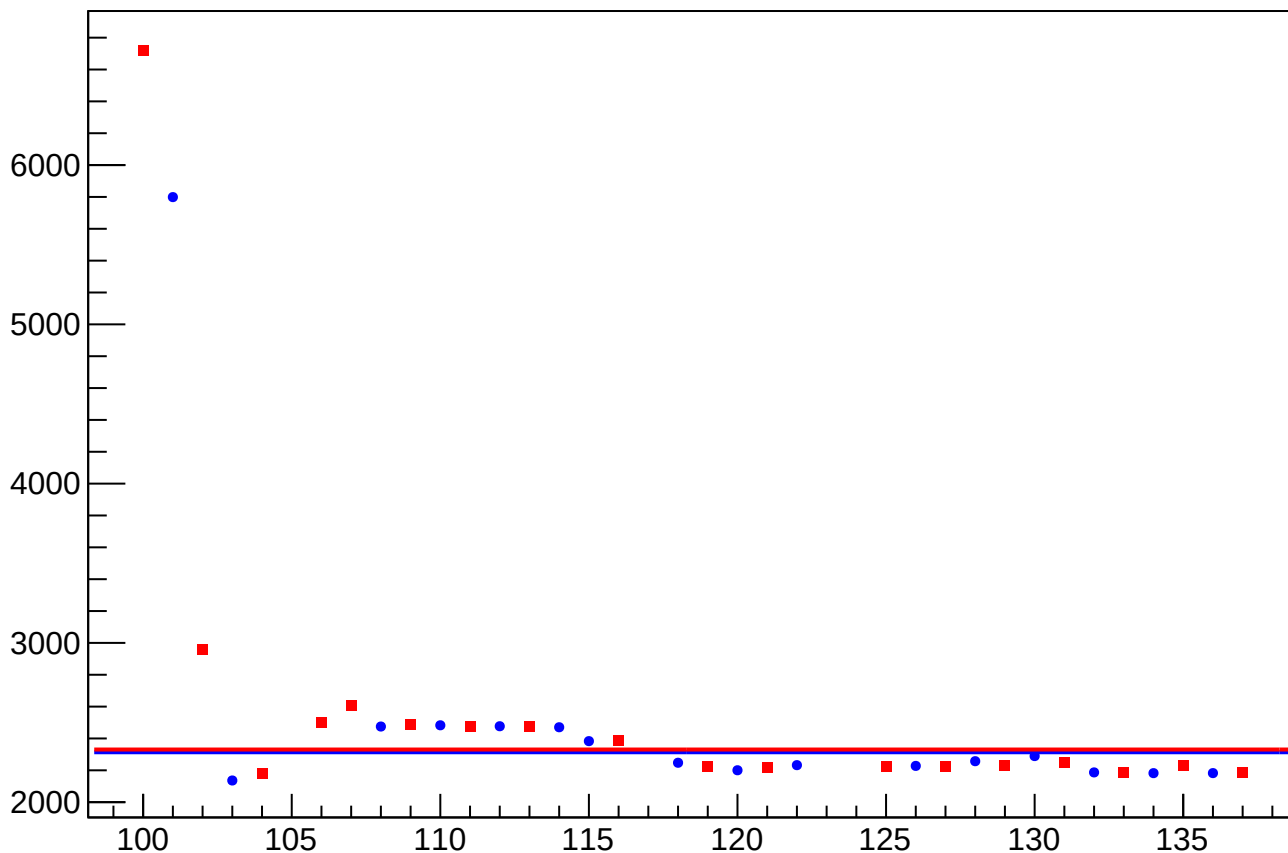
Right: 4171.006+/-617.516 χ^2/NDF : 29.6/33

In: 4353.670+/-875.155 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4171.006+/-617.516 χ^2/NDF : 29.6/33

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2330.570+/-0.616 χ^2/NDF : 151556.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

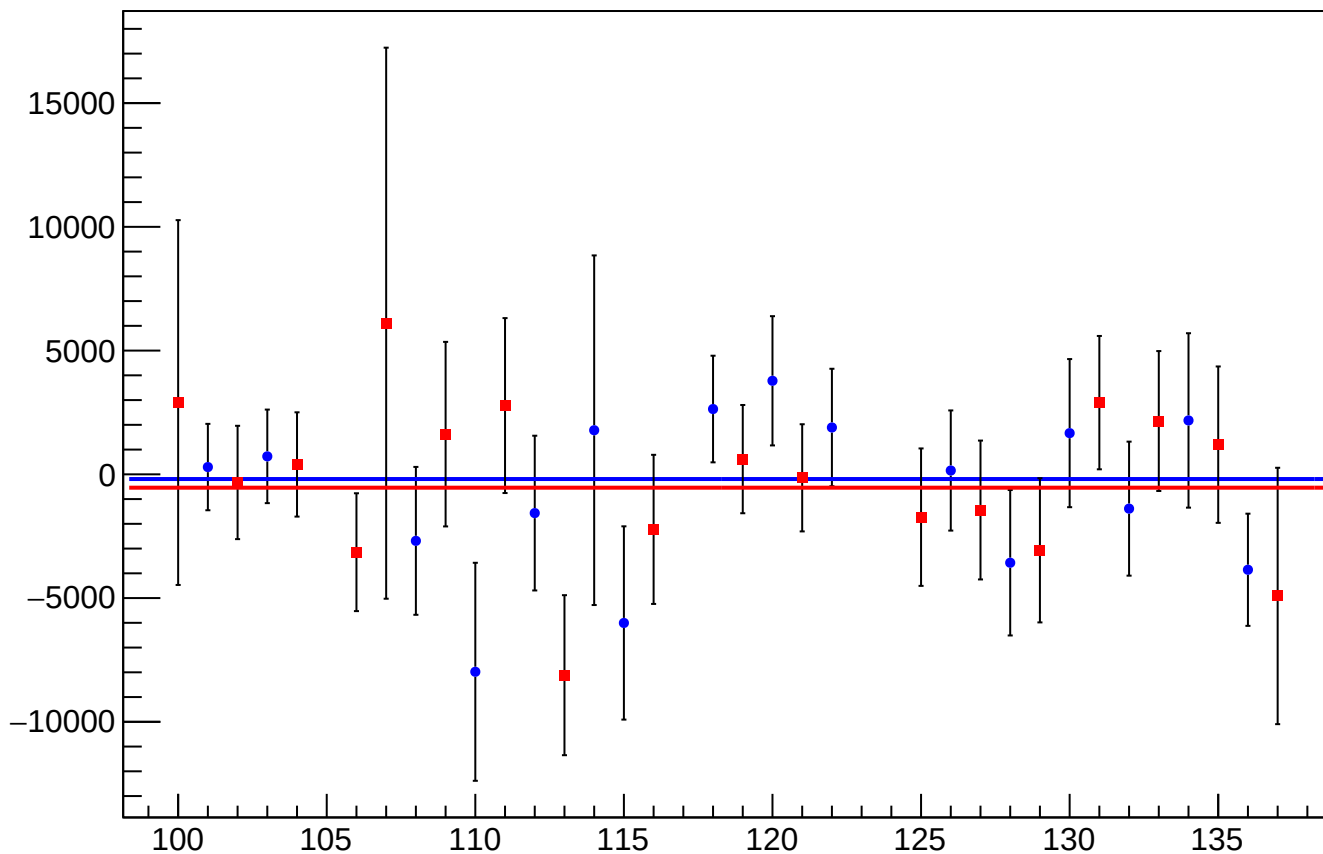
Right: 2322.028+/-0.437 χ^2/NDF : 664314.8/33

In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.028+/-0.437 χ^2/NDF : 664314.8/33

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -189.762+/-658.205 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -539.517+/-678.214 χ^2/NDF : 13.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

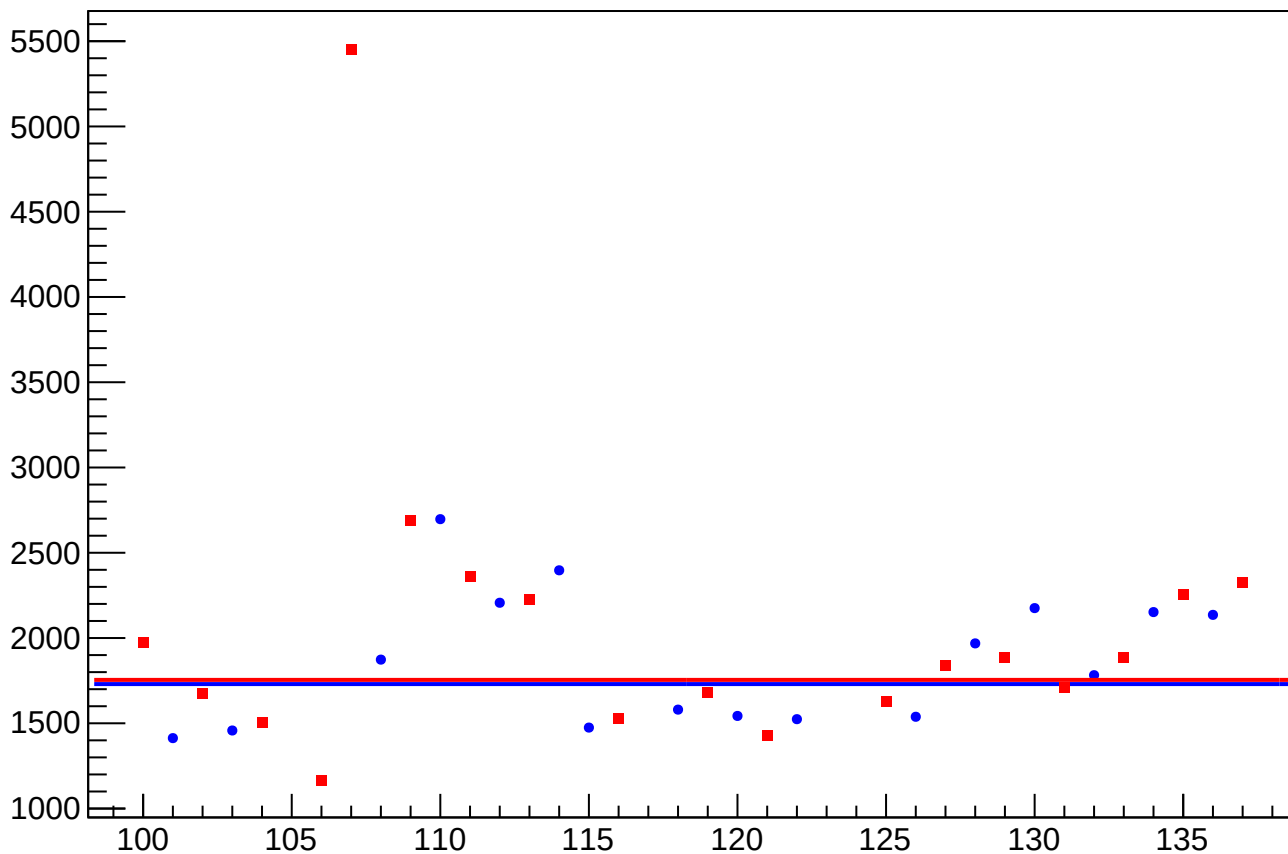
Right: -359.404+/-472.337 χ^2/NDF : 30.5/33

In: -189.762+/-658.205 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -359.404+/-472.337 χ^2/NDF : 30.5/33

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1754.526+/-0.480 χ^2/NDF : 751010.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

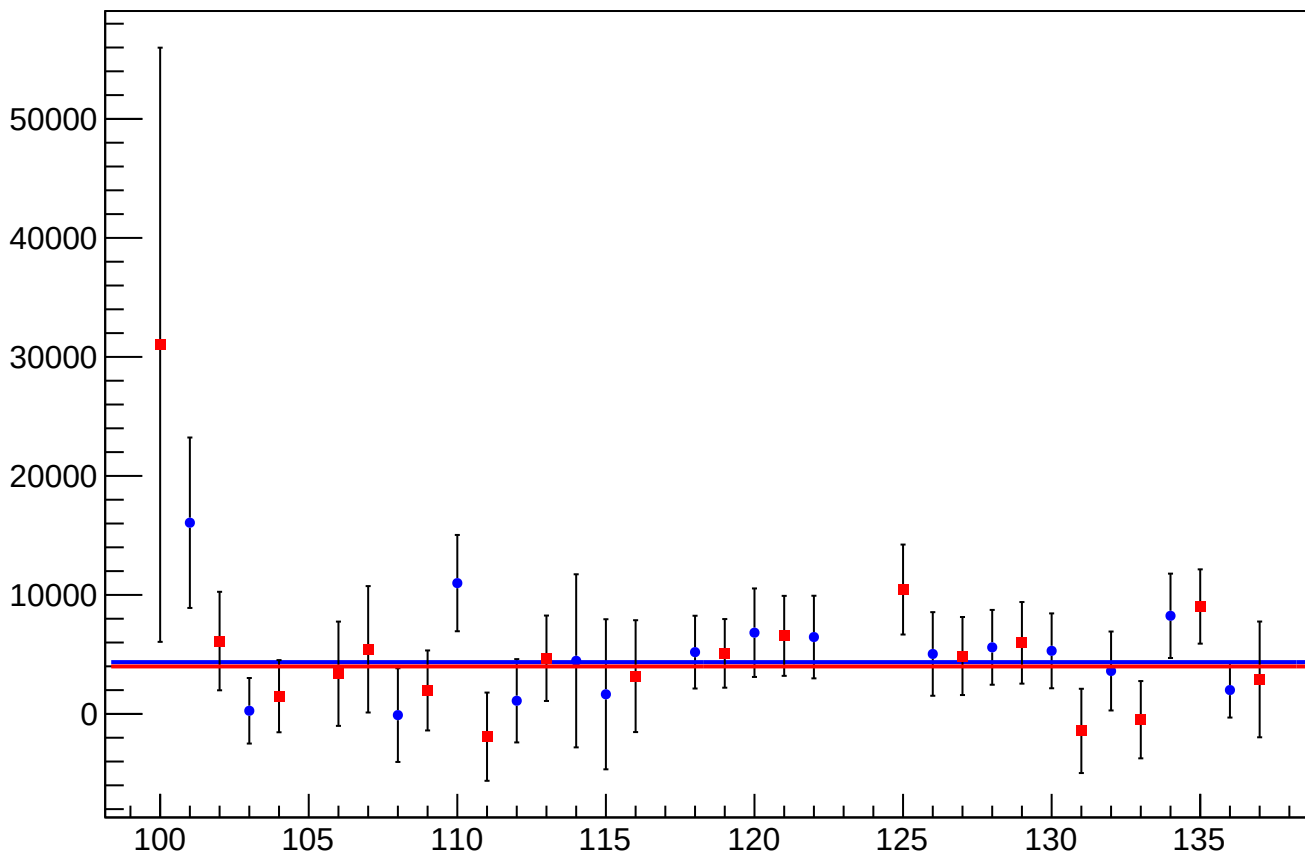
Right: 1741.844+/-0.334 χ^2/NDF : 1232266.3/33

In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.844+/-0.334 χ^2/NDF : 1232266.3/33

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4353.670 $\pm$ 875.155 χ^2 /NDF: 13.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3989.884 $\pm$ 871.455 χ^2 /NDF: 16.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

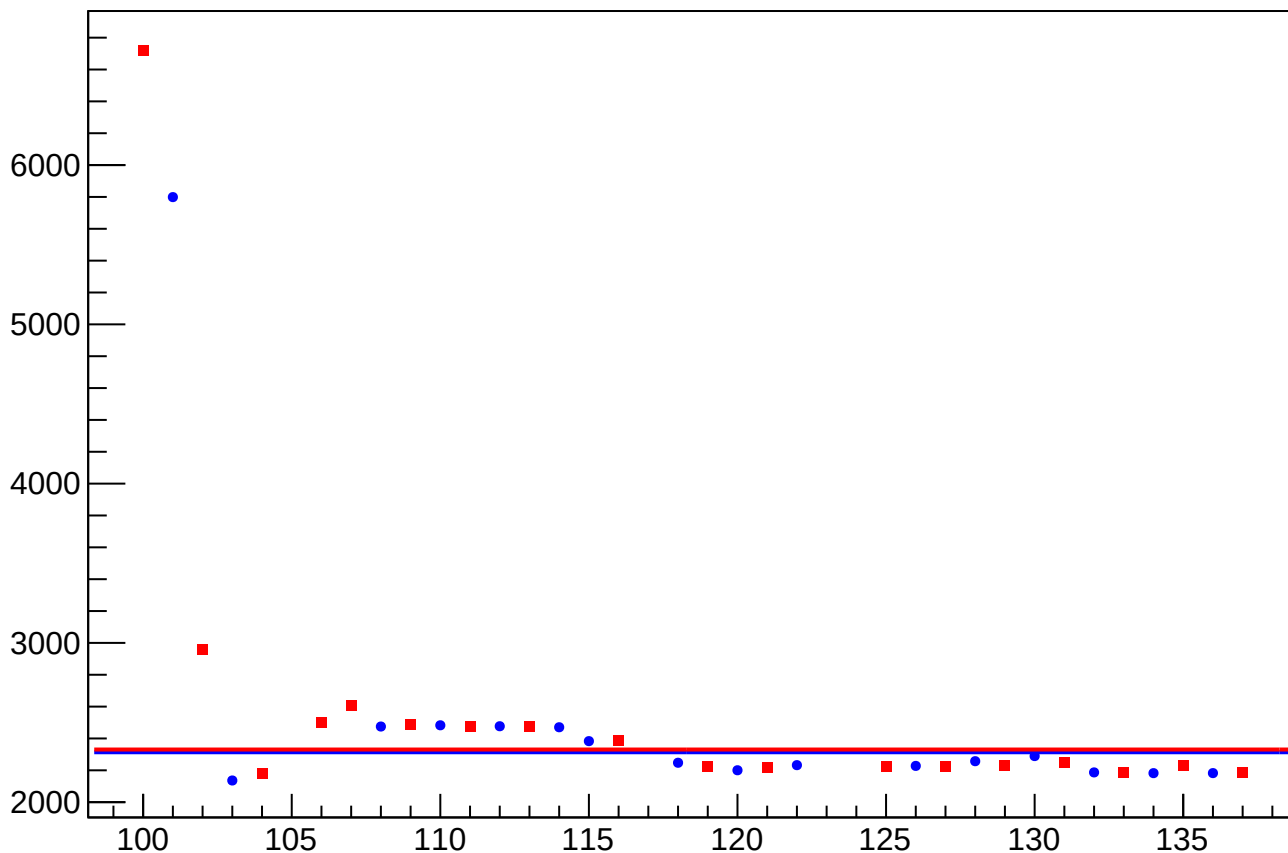
Right: 4171.006 $\pm$ 617.516 χ^2 /NDF: 29.6/33

In: 4353.670 $\pm$ 875.155 χ^2 /NDF:13.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4171.006 $\pm$ 617.516 χ^2 /NDF: 29.6/33

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2330.570+/-0.616 χ^2/NDF : 151556.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

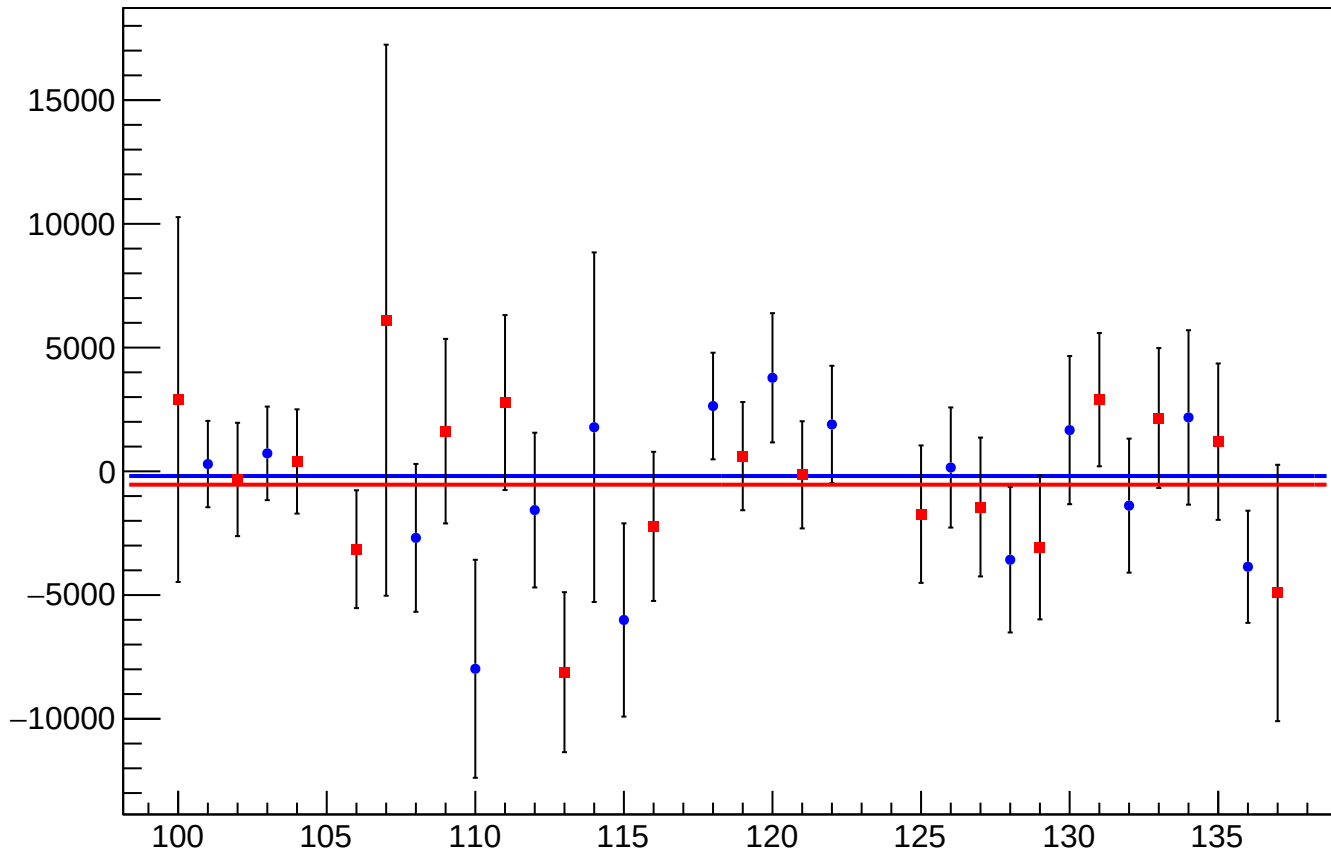
Right: 2322.028+/-0.437 χ^2/NDF : 664314.8/33

In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.028+/-0.437 χ^2/NDF : 664314.8/33

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -189.762 ± 658.205 χ^2/NDF : 16.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -539.517 ± 678.214 χ^2/NDF : 13.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

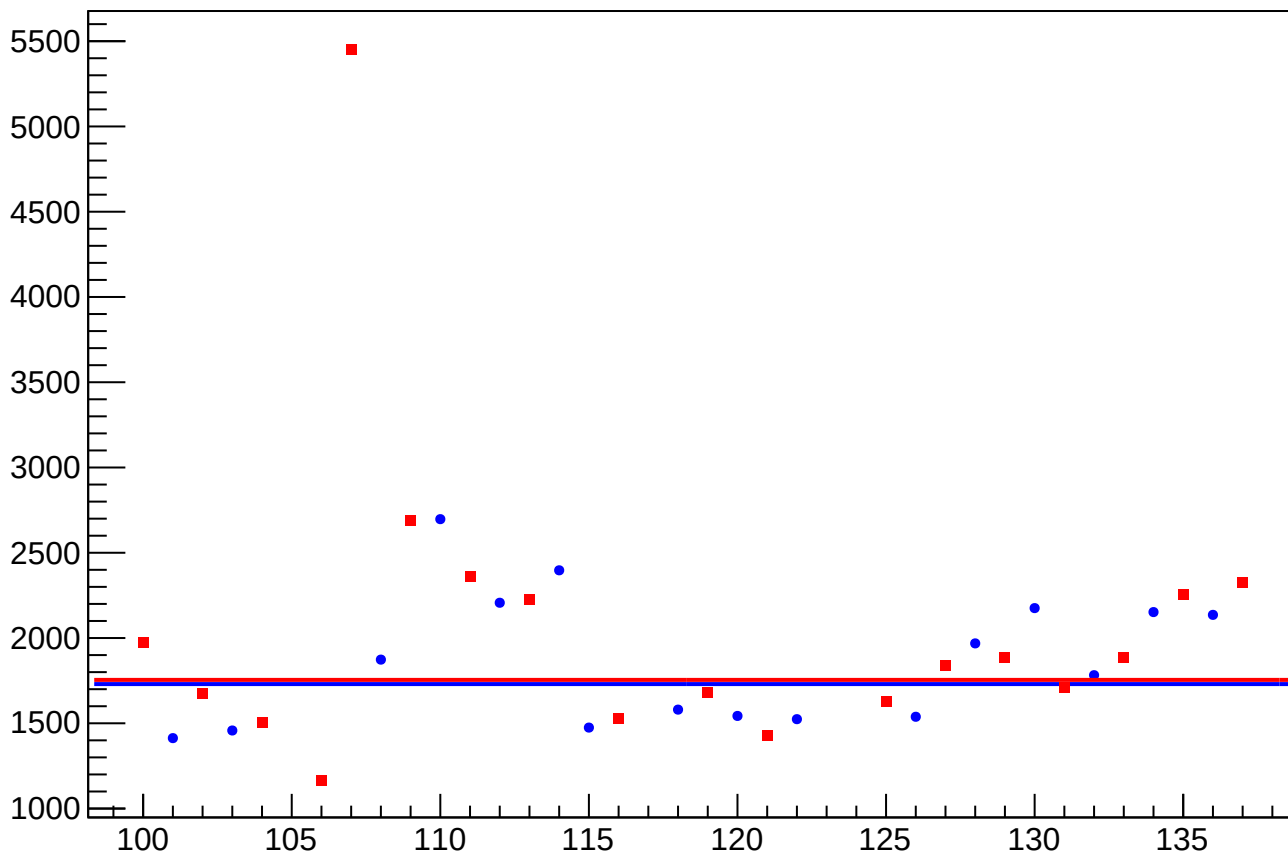
Right: -359.404 ± 472.337 χ^2/NDF : 30.5/33

In: -189.762 ± 658.205 χ^2/NDF : 16.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -359.404 ± 472.337 χ^2/NDF : 30.5/33

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1754.526+/-0.480 χ^2/NDF : 751010.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

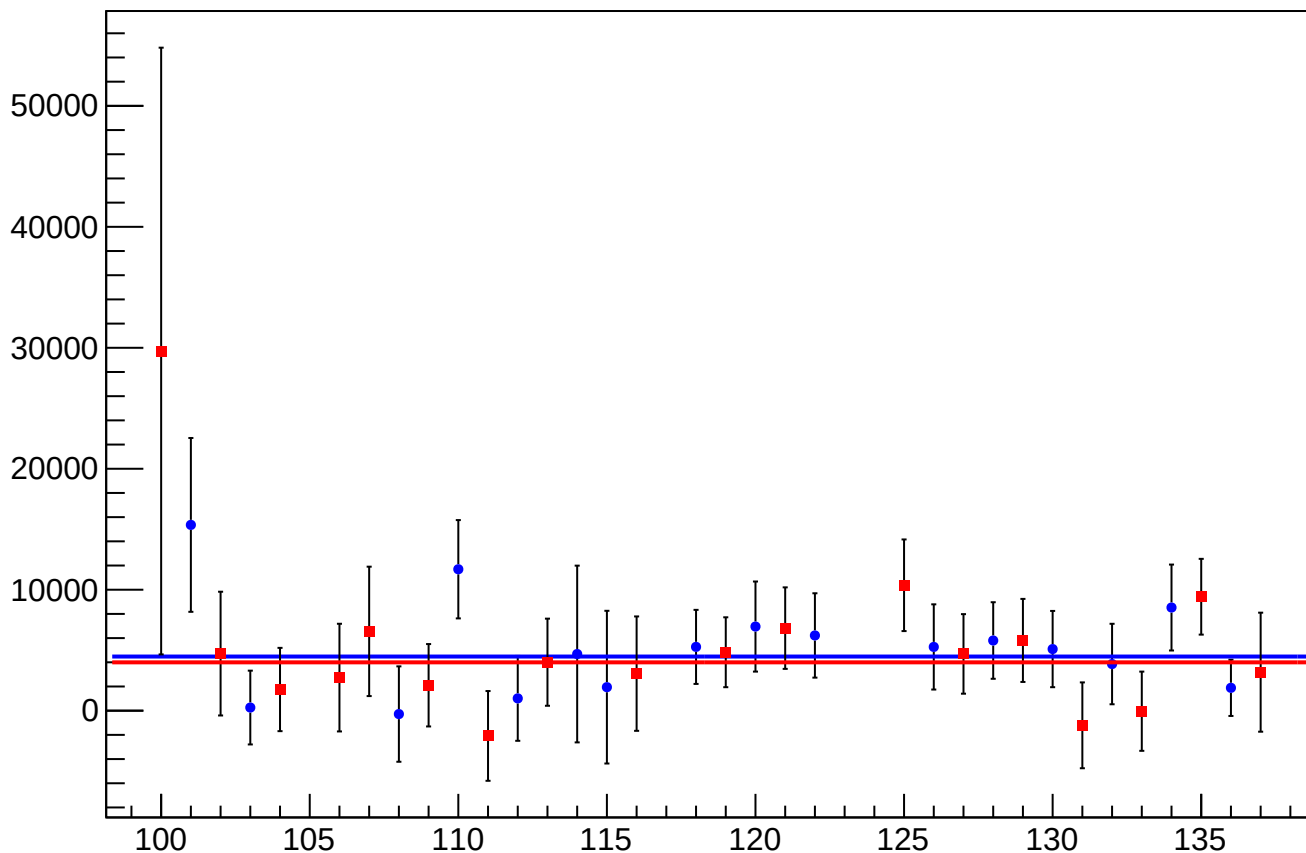
Right: 1741.844+/-0.334 χ^2/NDF : 1232266.3/33

In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.844+/-0.334 χ^2/NDF : 1232266.3/33

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4476.431+/-886.087 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3995.807+/-890.441 χ^2/NDF : 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

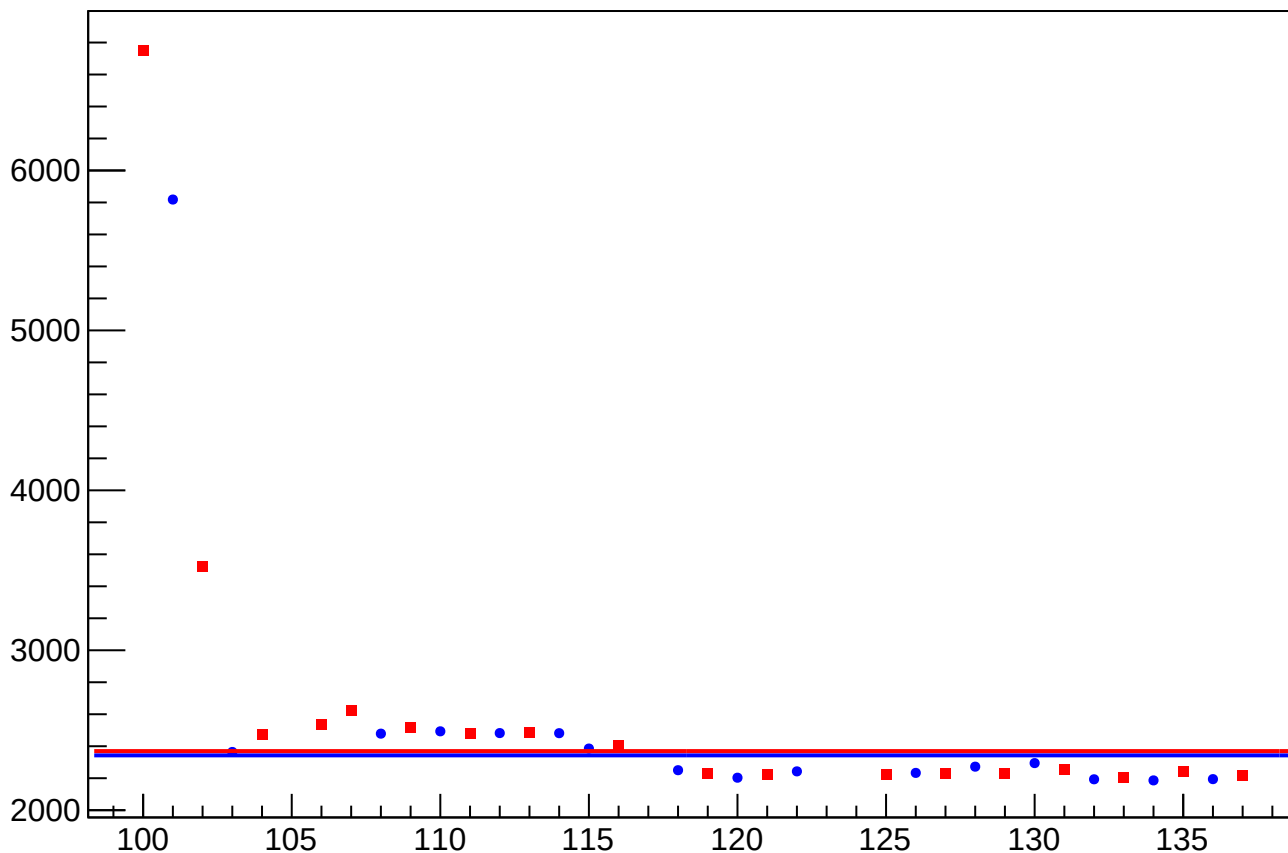
Right: 4237.297+/-628.092 χ^2/NDF : 29.2/33

In: 4476.431+/-886.087 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4237.297+/-628.092 χ^2/NDF : 29.2/33

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2342.914+/-0.627 χ^2/NDF : 502866.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2369.572+/-0.630 χ^2/NDF : 210147.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

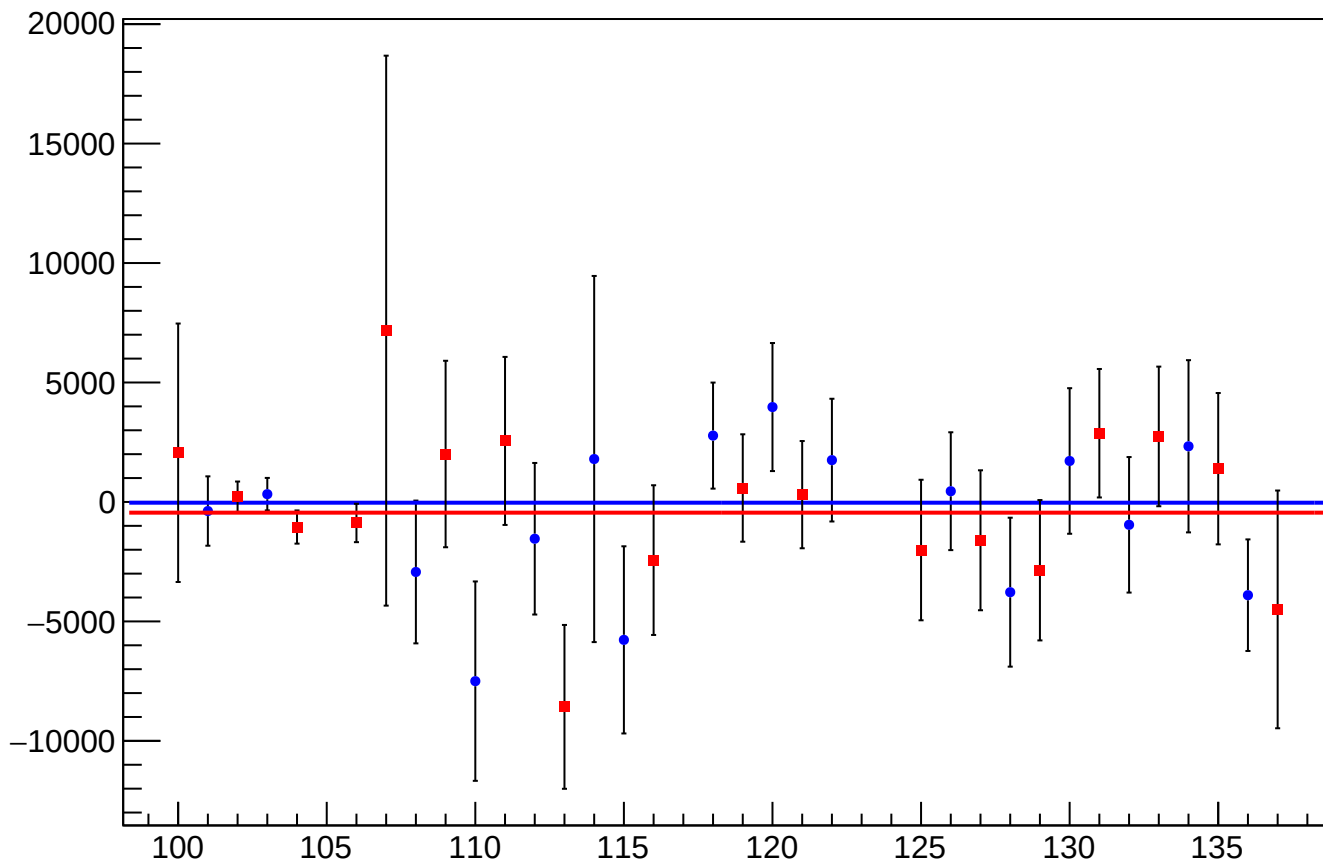
Right: 2356.178+/-0.444 χ^2/NDF : 713914.5/33

In: 2342.914+/-0.627 χ^2/NDF : 502866.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.178+/-0.444 χ^2/NDF : 713914.5/33

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.393 ± 485.329 $\chi^2/\text{NDF}: 16.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -448.261 ± 362.570 $\chi^2/\text{NDF}: 15.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

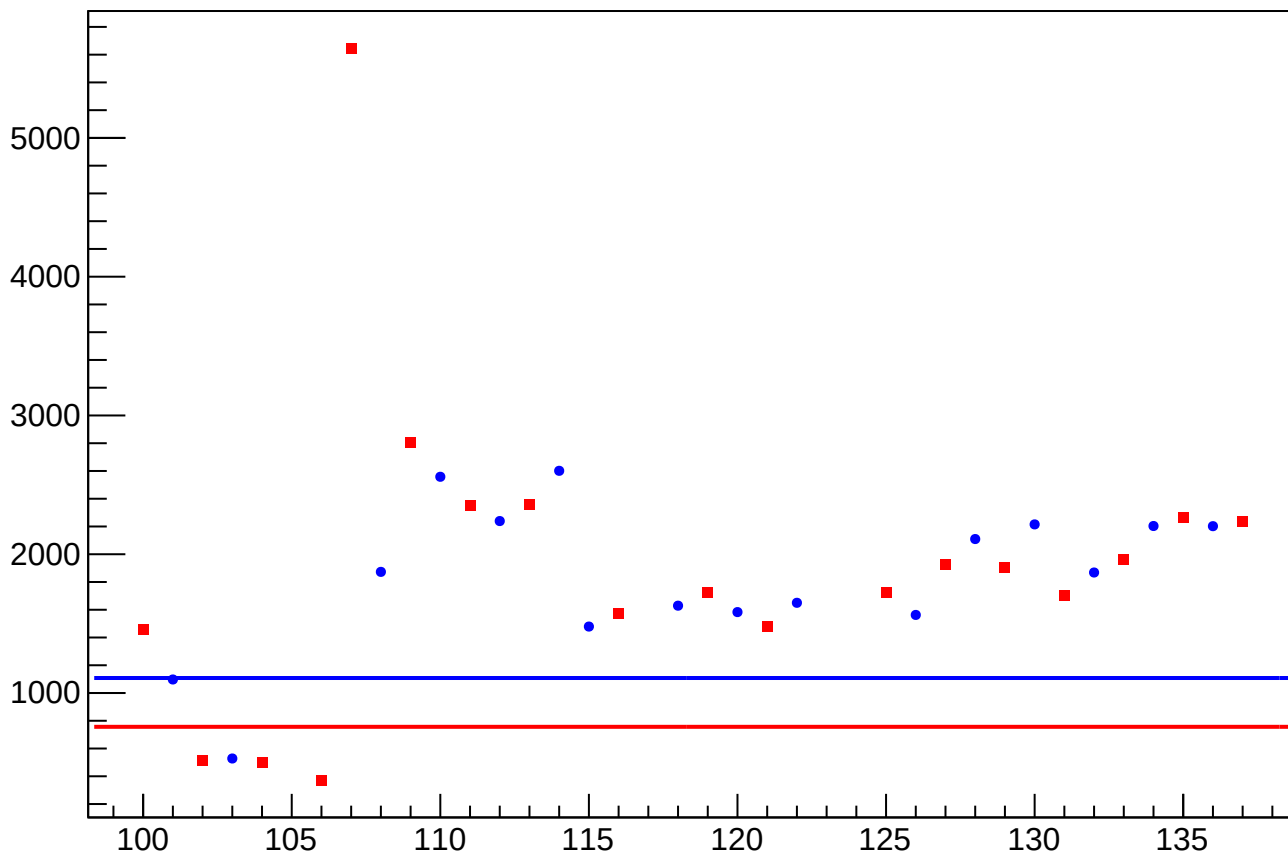
Right: -298.942 ± 290.465 $\chi^2/\text{NDF}: 31.9/33$

In: -31.393 ± 485.329 $\chi^2/\text{NDF}: 16.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -298.942 ± 290.465 $\chi^2/\text{NDF}: 31.9/33$

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1108.139+/-0.343 χ^2/NDF : 3746477.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 756.419+/-0.256 χ^2/NDF : 5603215.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

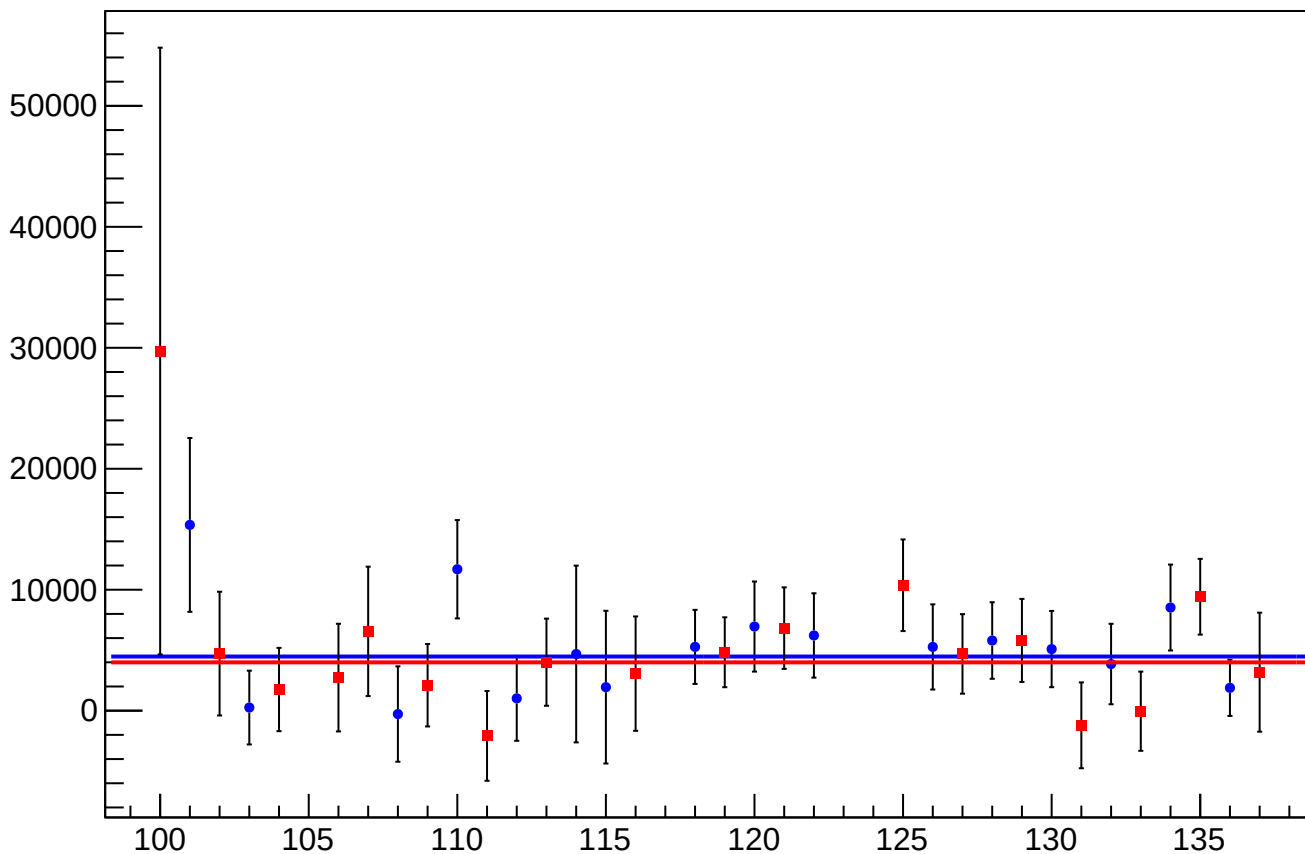
Right: 882.403+/-0.205 χ^2/NDF : 10023844.2/33

In: 1108.139+/-0.343 χ^2/NDF : 3746477.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.403+/-0.205 χ^2/NDF : 10023844.2/33

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4476.427 $\pm$ 886.086 χ^2 /NDF: 13.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3995.803 $\pm$ 890.441 χ^2 /NDF: 15.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

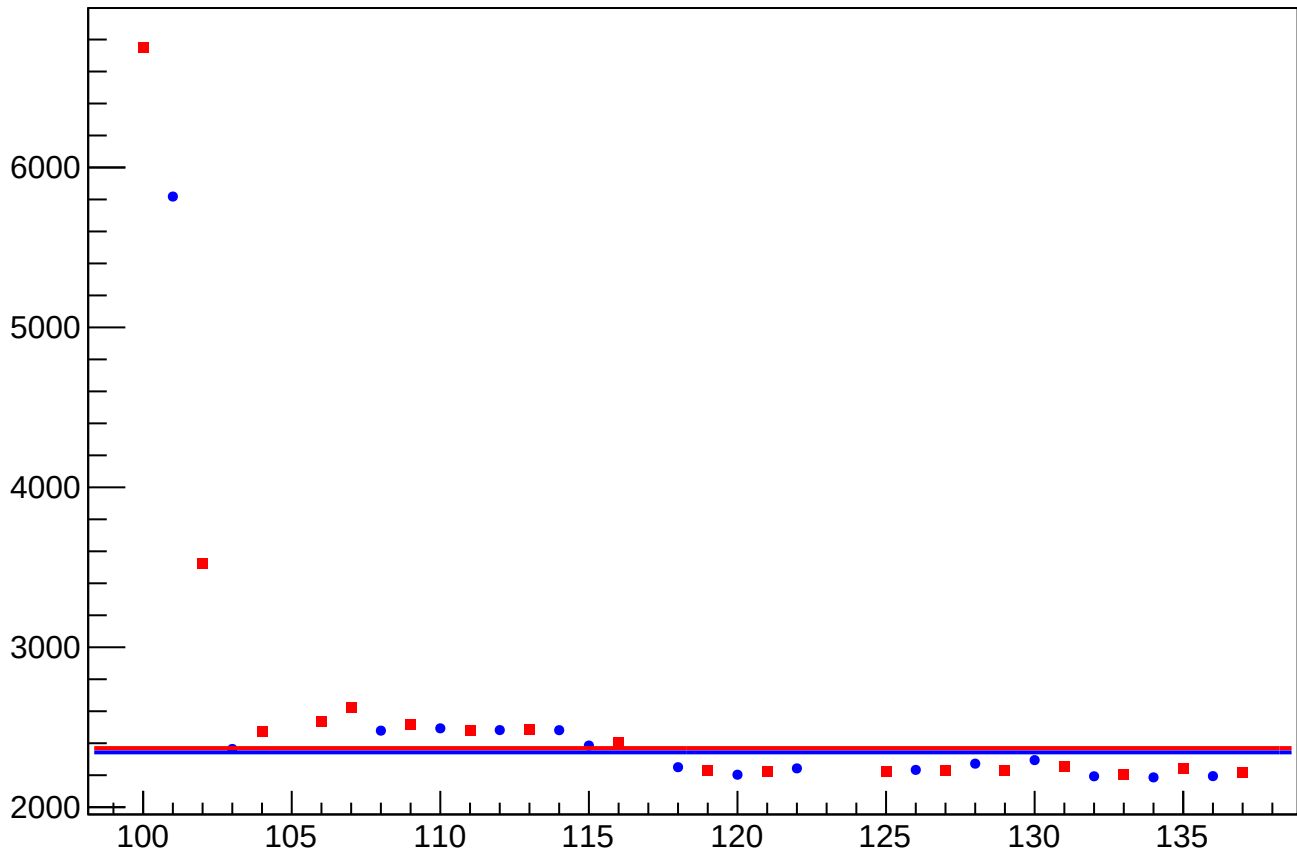
Right: 4237.293 $\pm$ 628.092 χ^2 /NDF: 29.2/33

In: 4476.427 $\pm$ 886.086 χ^2 /NDF:13.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4237.293 $\pm$ 628.092 χ^2 /NDF: 29.2/33

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2342.913+/-0.627 χ^2/NDF : 502866.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2369.572+/-0.630 χ^2/NDF : 210146.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

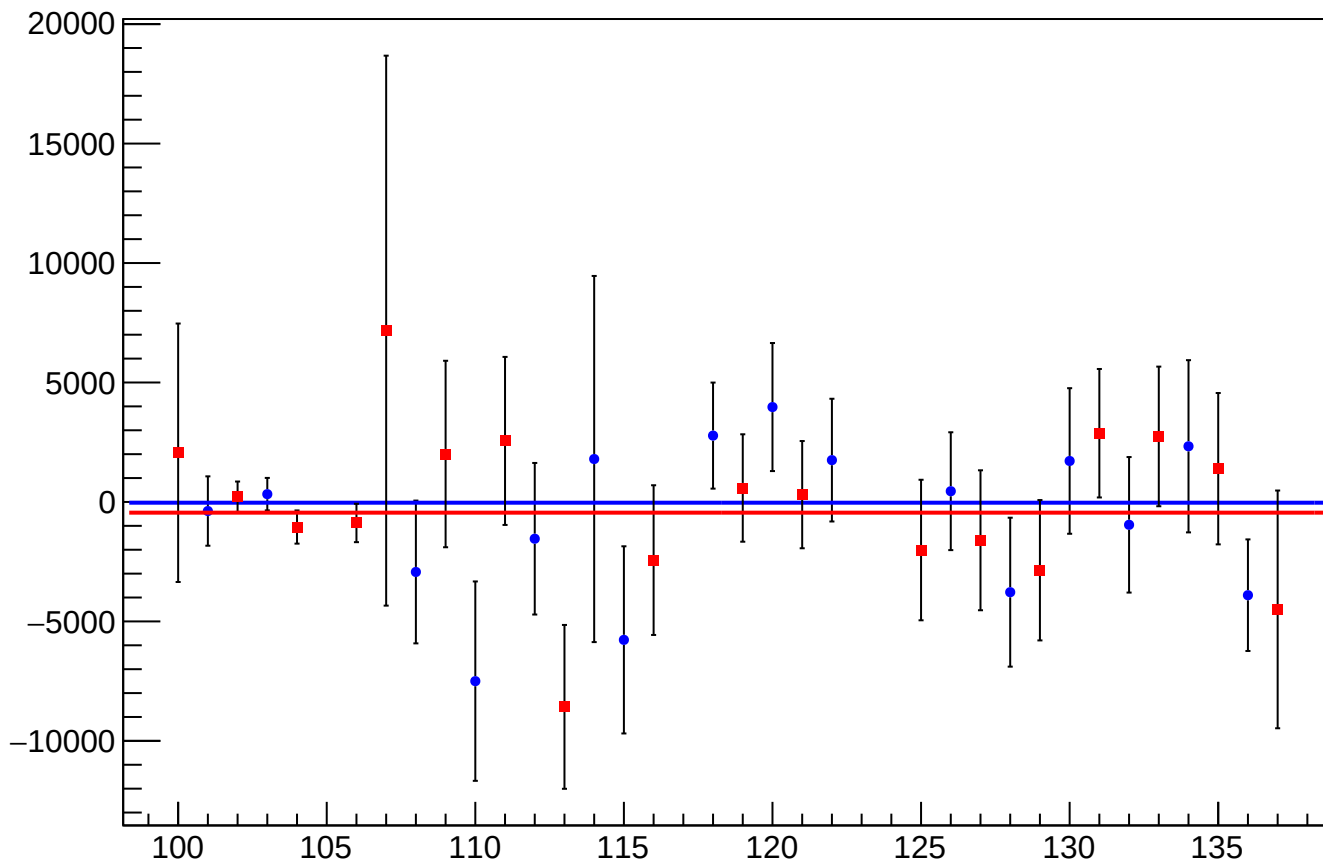
Right: 2356.177+/-0.444 χ^2/NDF : 713913.5/33

In: 2342.913+/-0.627 χ^2/NDF : 502866.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.177+/-0.444 χ^2/NDF : 713913.5/33

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -31.400 ± 485.331 χ^2/NDF : 16.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -448.265 ± 362.575 χ^2/NDF : 15.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

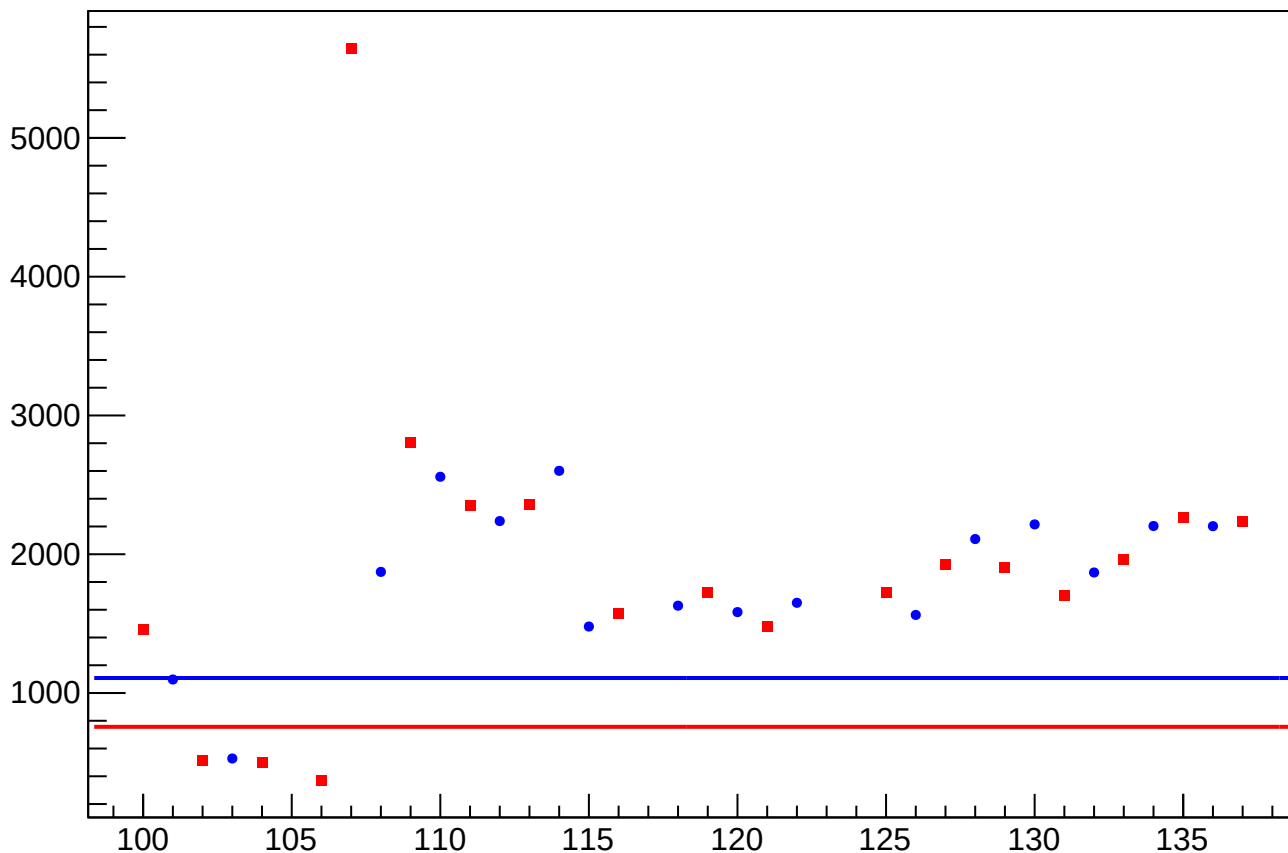
Right: -298.945 ± 290.468 χ^2/NDF : 31.9/33

In: -31.400 ± 485.331 χ^2/NDF : 16.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -298.945 ± 290.468 χ^2/NDF : 31.9/33

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1108.149+/-0.343 χ^2/NDF : 3746402.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 756.434+/-0.256 χ^2/NDF : 5603097.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

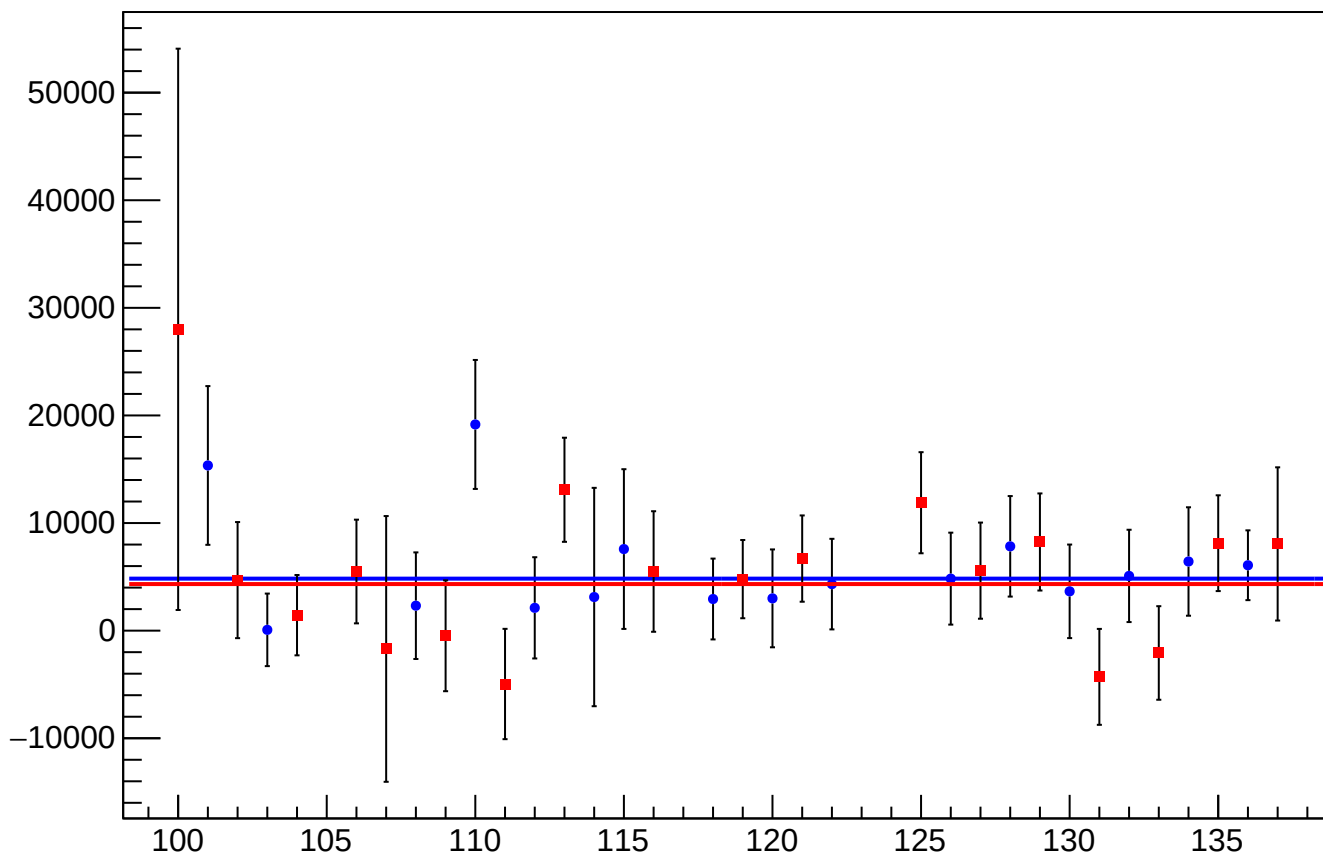
Right: 882.417+/-0.205 χ^2/NDF : 10023620.2/33

In: 1108.149+/-0.343 χ^2/NDF : 3746402.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 882.417+/-0.205 χ^2/NDF : 10023620.2/33

asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4833.806+/-1142.535 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4328.601+/-1144.541 χ^2/NDF : 19.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

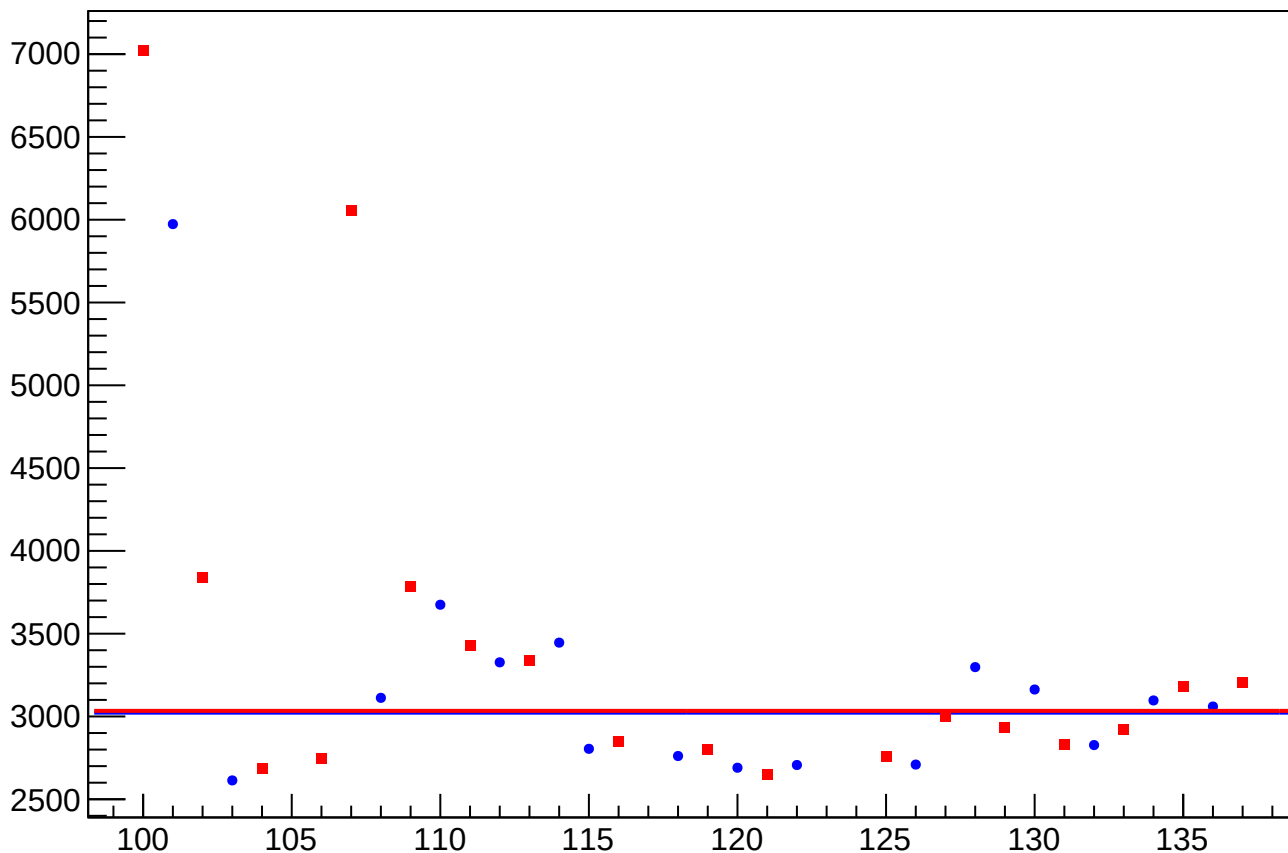
Right: 4581.647+/-808.603 χ^2/NDF : 31.7/33

In: 4833.806+/-1142.535 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4581.647+/-808.603 χ^2/NDF : 31.7/33

asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 3023.068+/-0.808 χ^2/NDF : 443705.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3033.869+/-0.809 χ^2/NDF : 342674.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

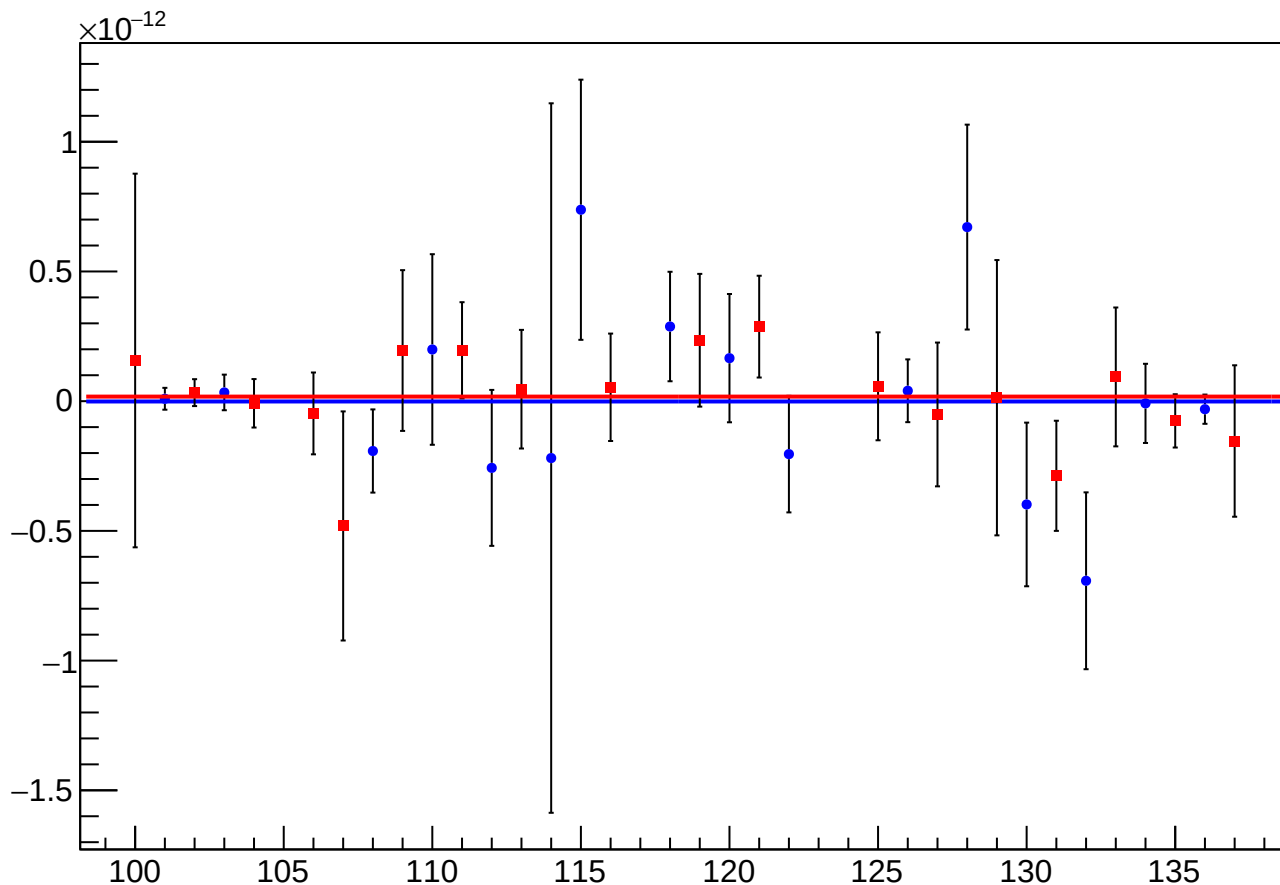
Right: 3028.459+/-0.572 χ^2/NDF : 786469.7/33

In: 3023.068+/-0.808 χ^2/NDF : 443705.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3028.459+/-0.572 χ^2/NDF : 786469.7/33

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

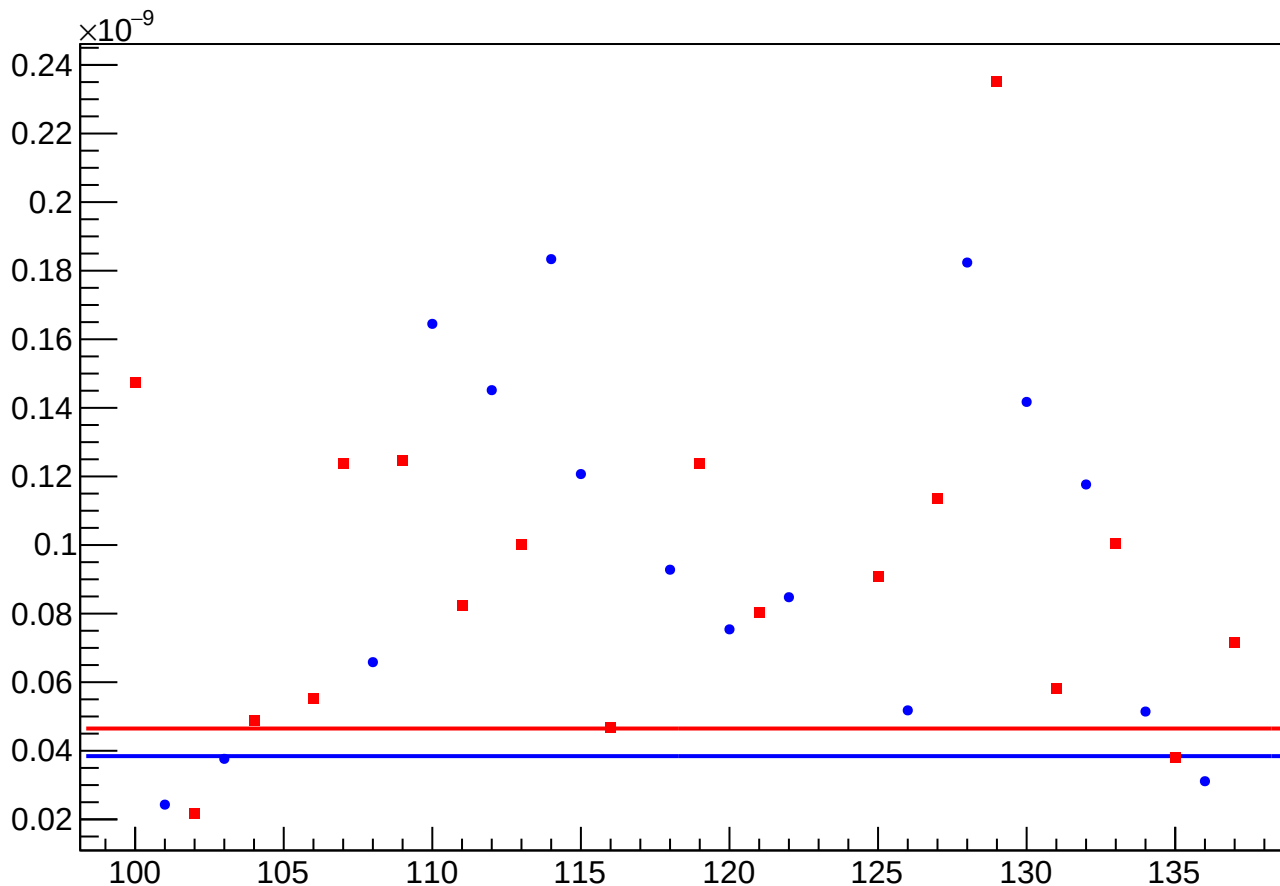
Right: 0.000+/-0.000 χ^2/NDF : 26.3/33

In: -0.000+/-0.000 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.3/33

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1771405.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1697135.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

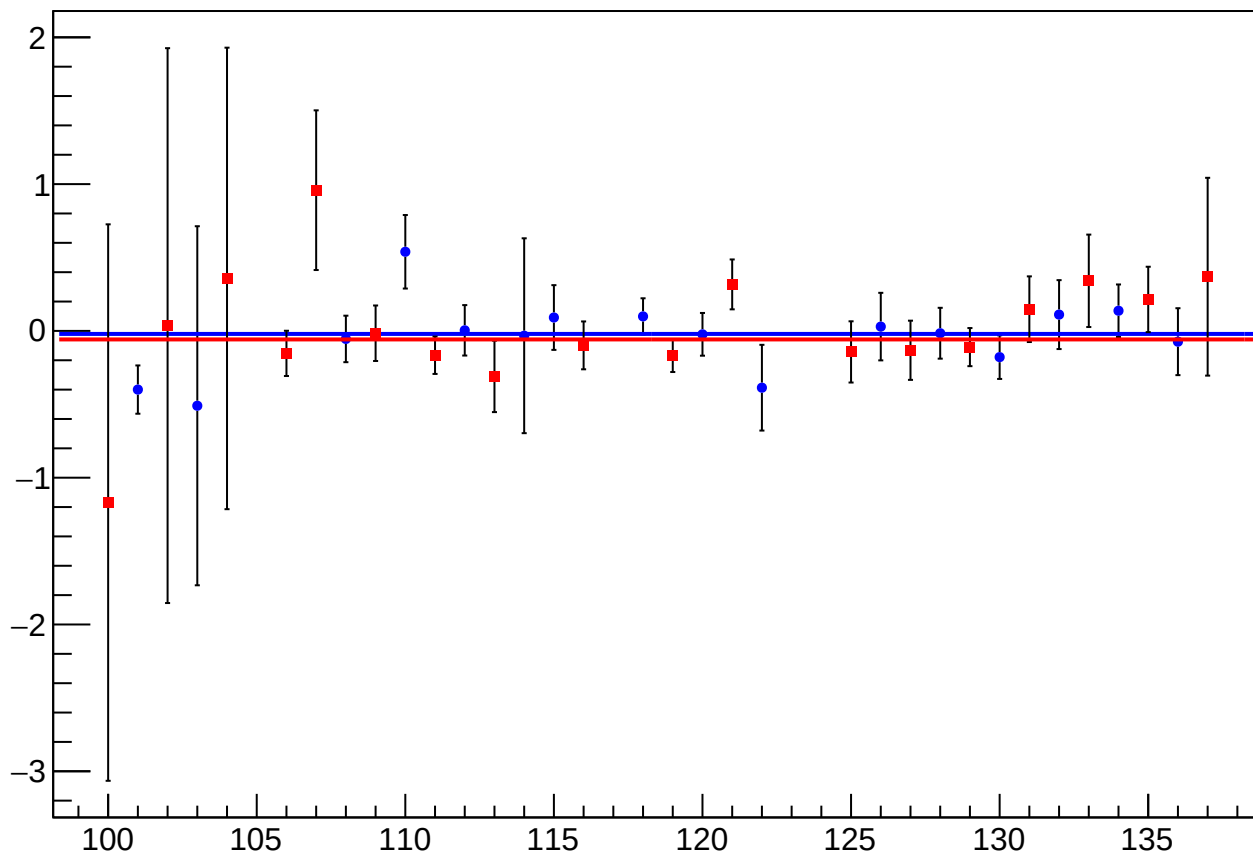
Right: 0.000+/-0.000 χ^2/NDF : 3535596.3/33

In: 0.000+/-0.000 χ^2/NDF : 1771405.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3535596.3/33

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.048 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.046 χ^2 /NDF: 16.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

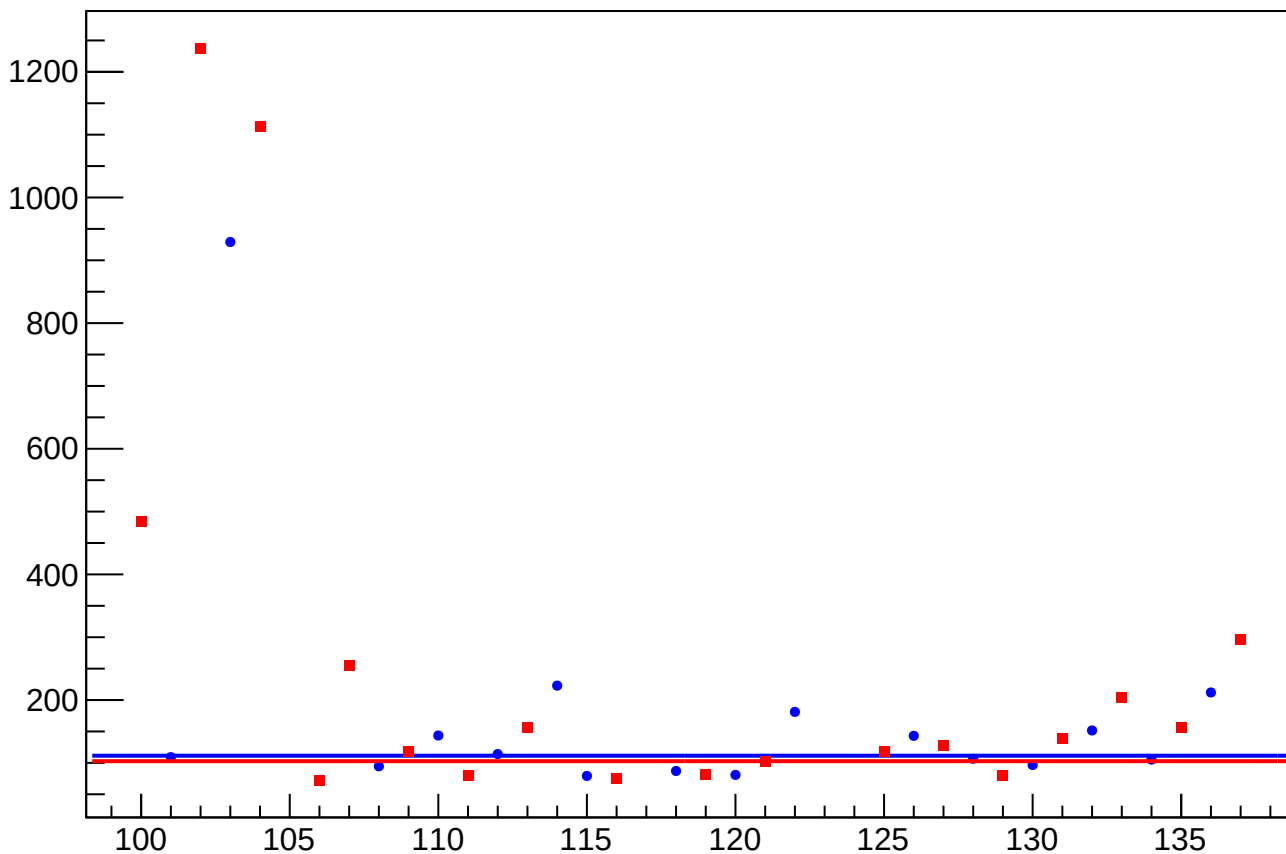
Right: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

In: -0.021 $\pm$ 0.048 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.673+/-0.033 χ^2/NDF : 2826852.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

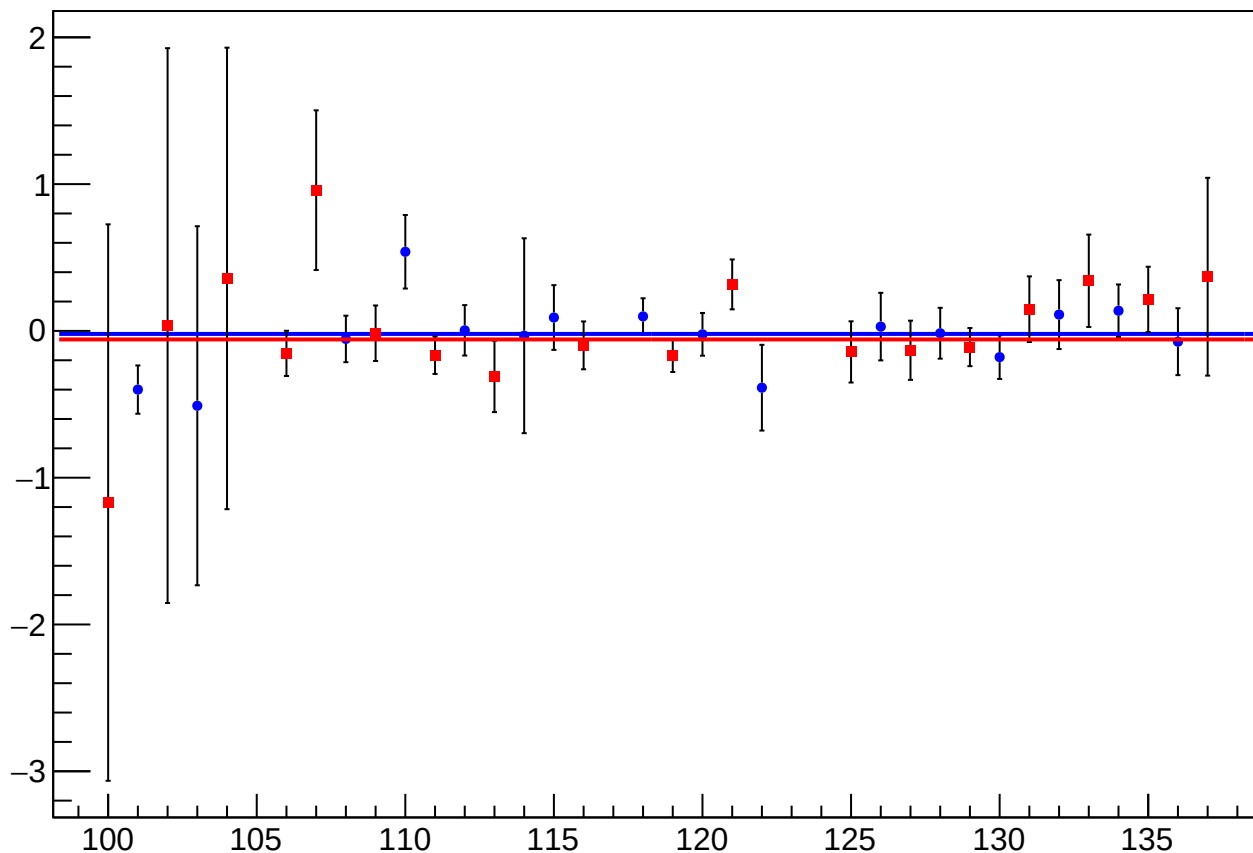
Right: 106.926+/-0.024 χ^2/NDF : 4700716.0/33

In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.926+/-0.024 χ^2/NDF : 4700716.0/33

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.048 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.046 χ^2 /NDF: 16.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

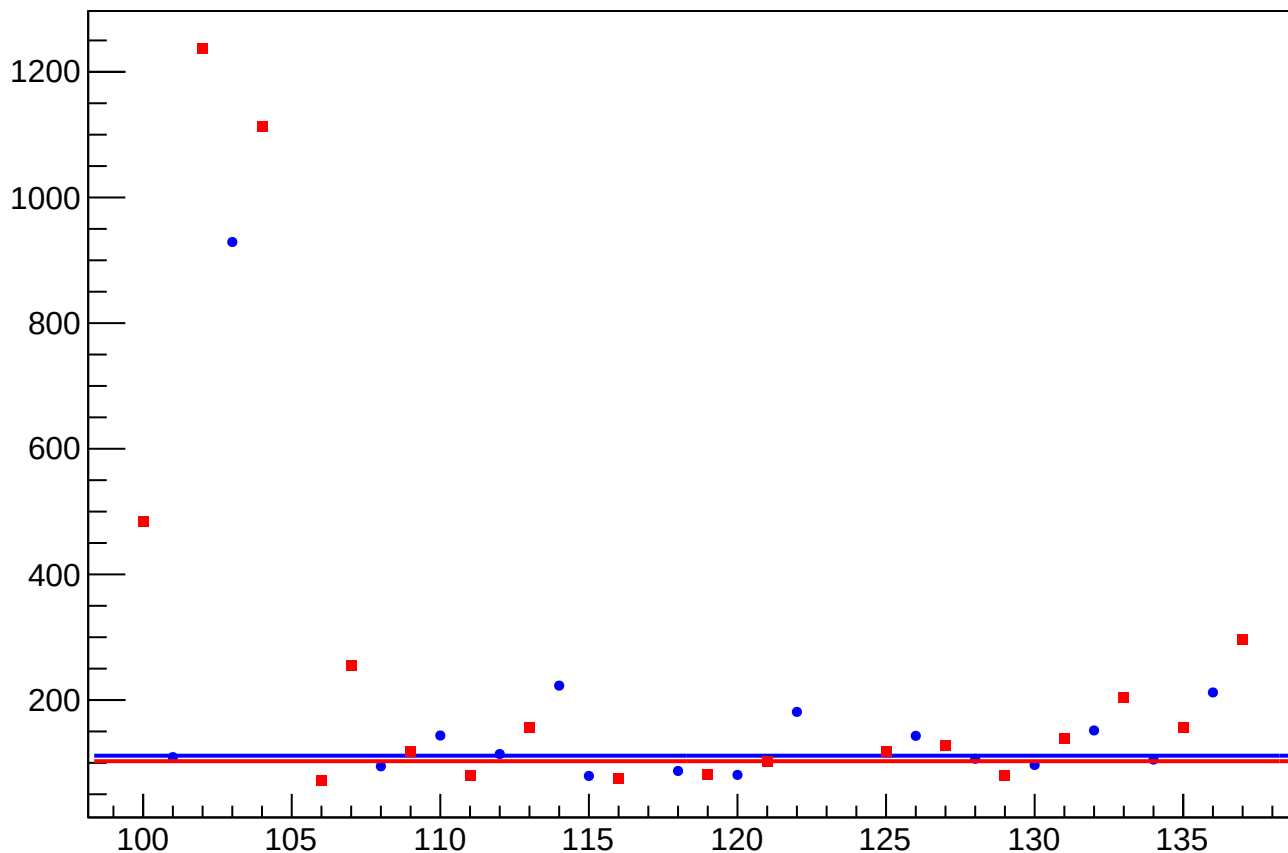
Right: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

In: -0.021 $\pm$ 0.048 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.673+/-0.033 χ^2/NDF : 2826852.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

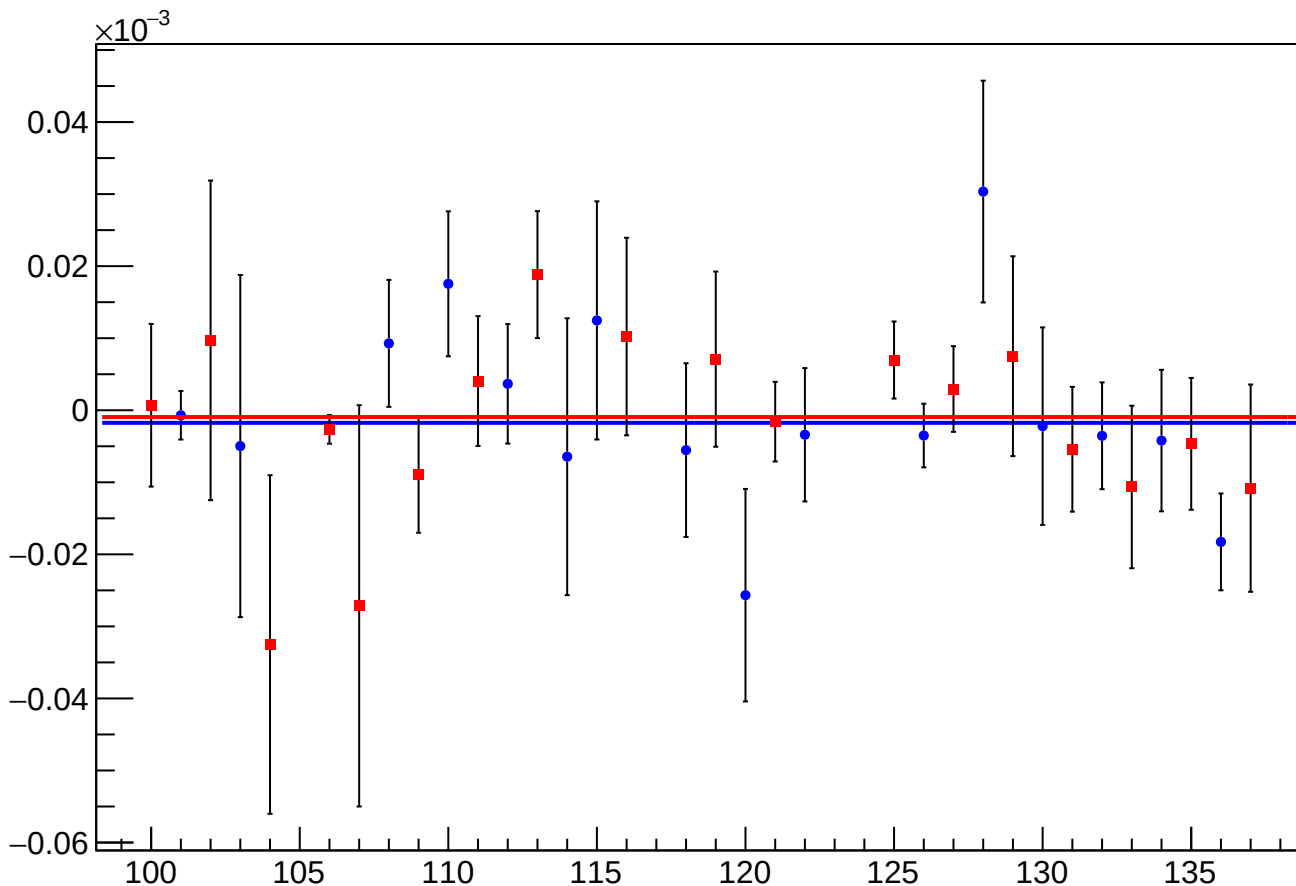
Right: 106.926+/-0.024 χ^2/NDF : 4700716.0/33

In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.926+/-0.024 χ^2/NDF : 4700716.0/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

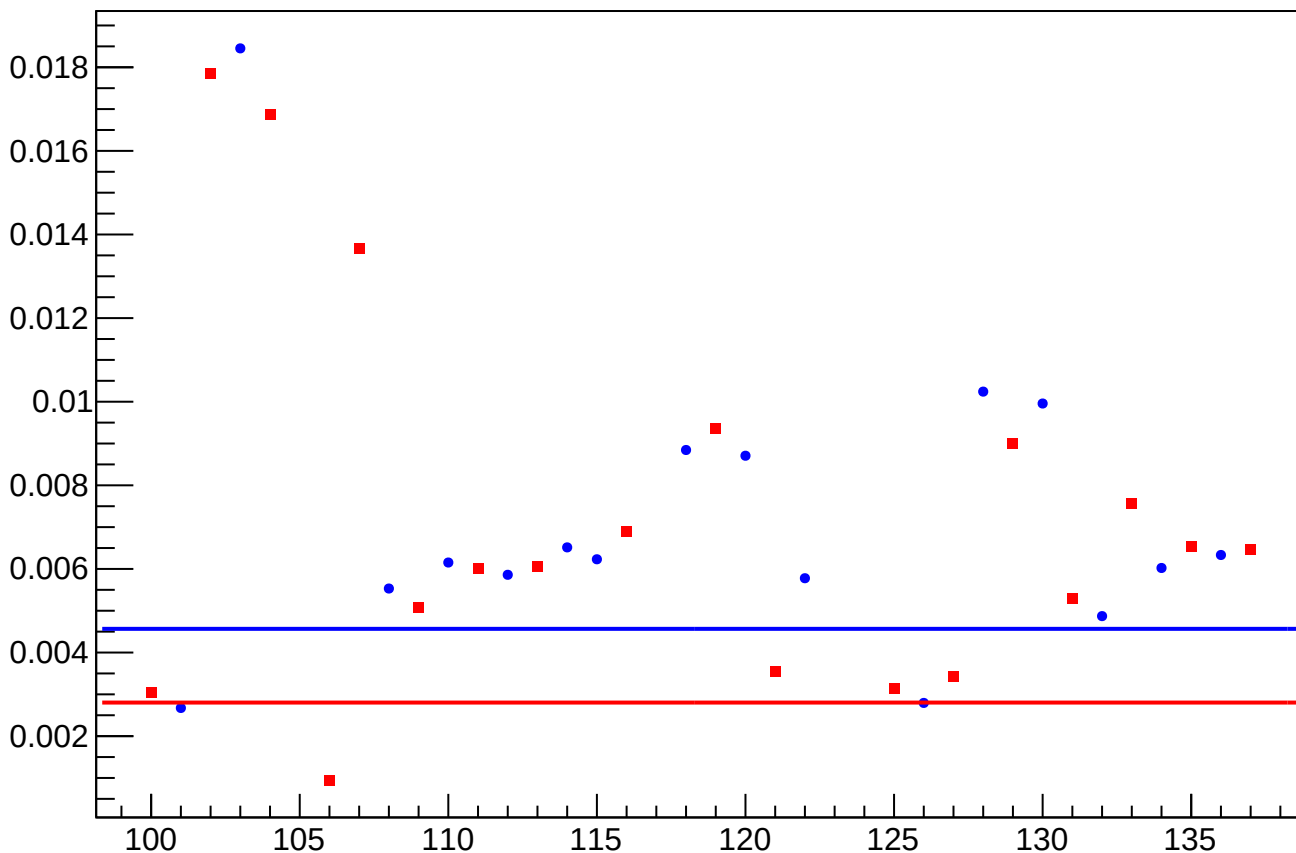
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.9/33

In: -0.000 $\pm$ 0.000 χ^2 /NDF:20.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.9/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 3012257.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6610011.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

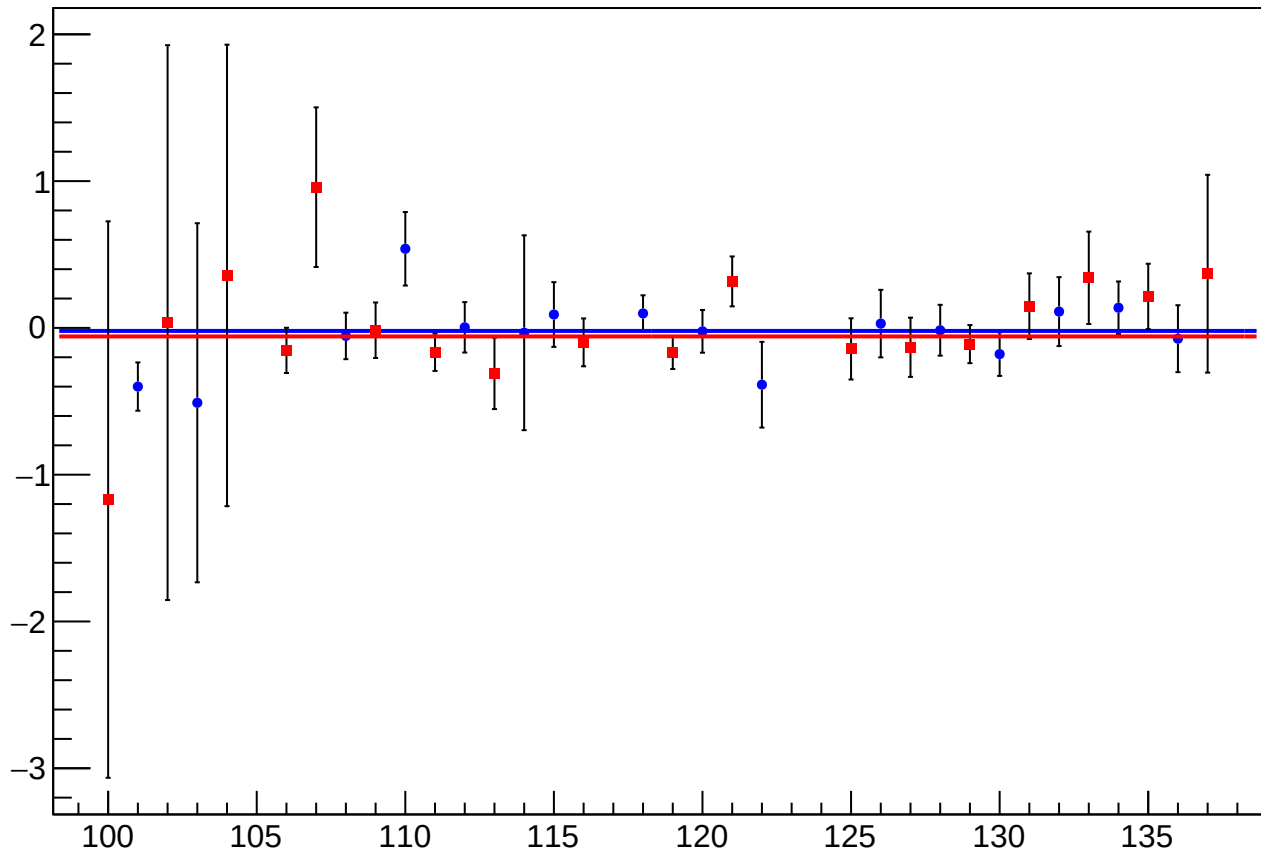
Right: 0.003+/-0.000 χ^2/NDF : 10674508.6/33

In: 0.005+/-0.000 χ^2/NDF : 3012257.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10674508.6/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.058 ± 0.046 χ^2/NDF : 16.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

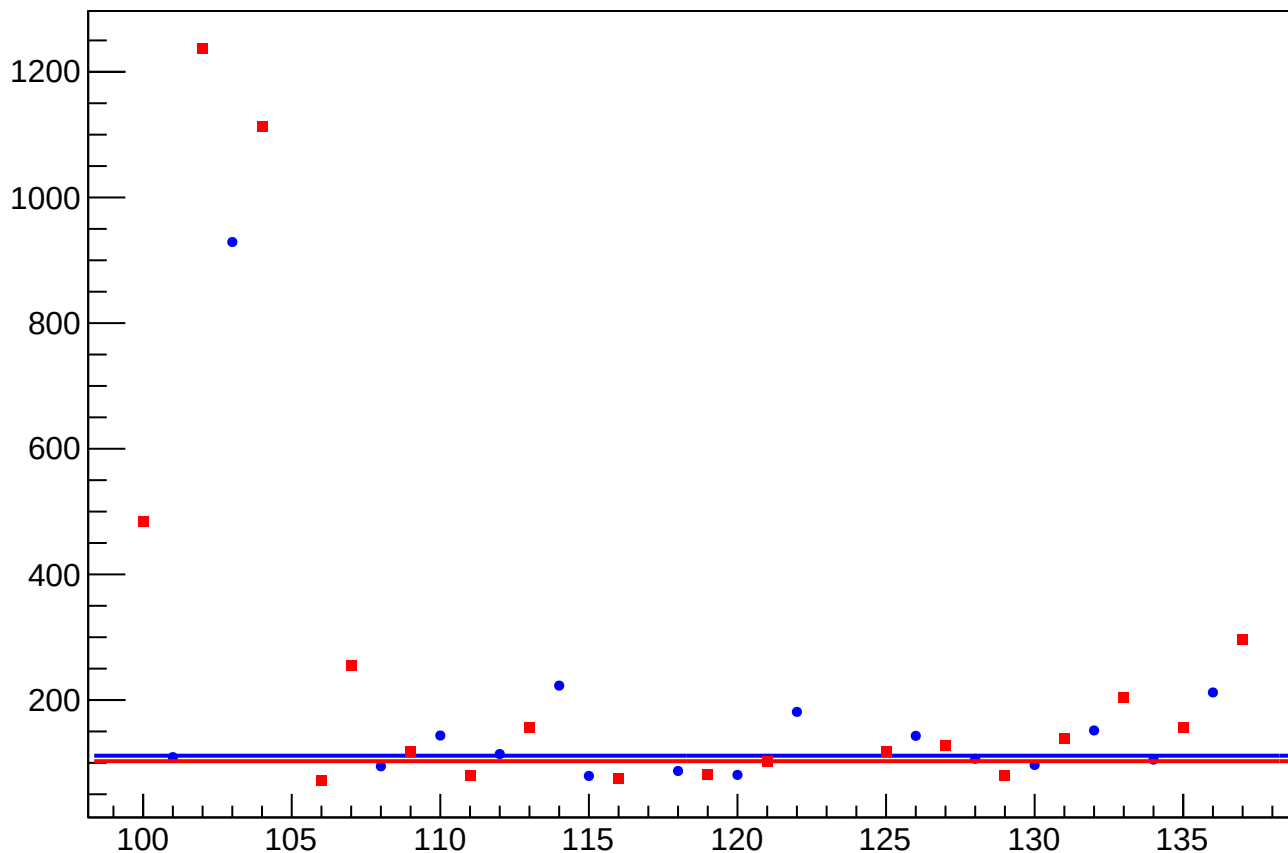
Right: -0.040 ± 0.033 χ^2/NDF : 32.8/33

In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.040 ± 0.033 χ^2/NDF : 32.8/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.404 $\pm$ 0.034 χ^2 /NDF: 1839407.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.671 $\pm$ 0.033 χ^2 /NDF: 2826848.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

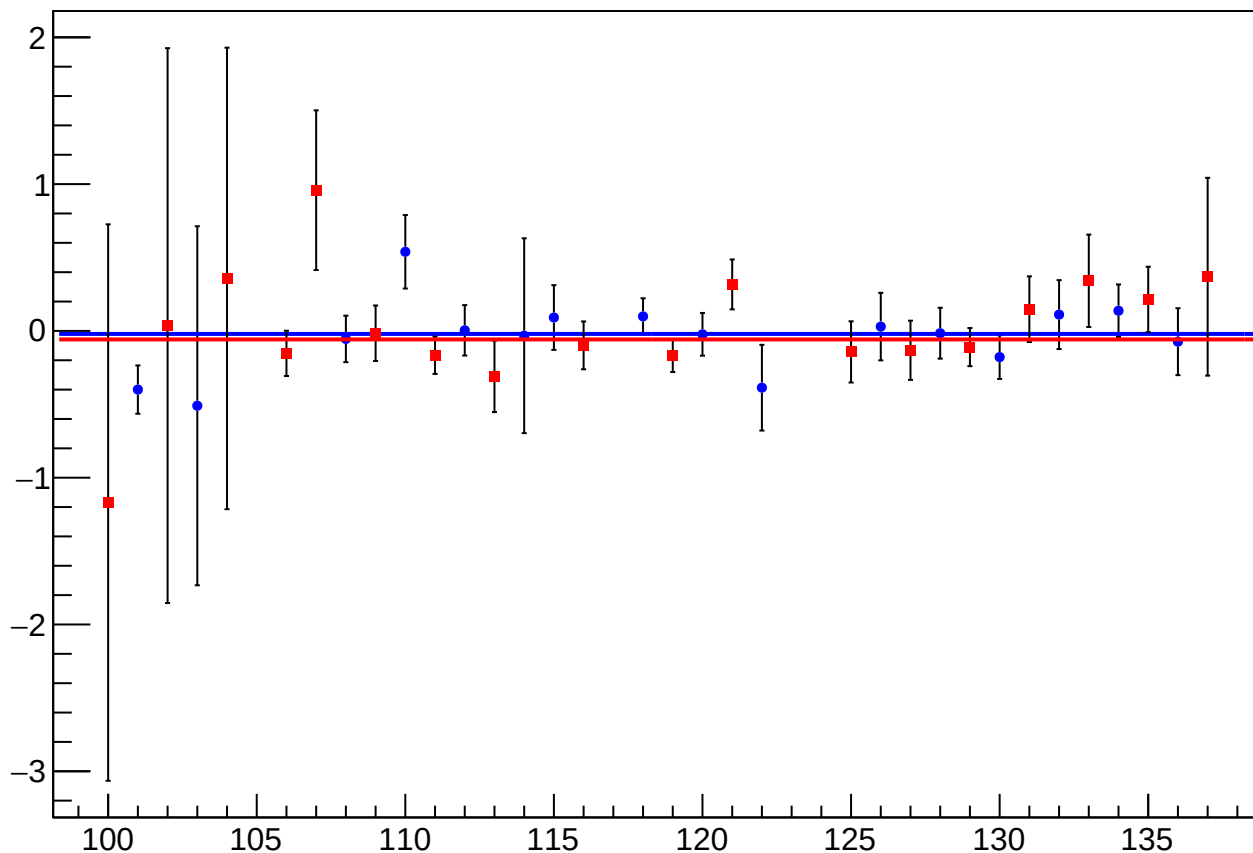
Right: 106.924 $\pm$ 0.024 χ^2 /NDF: 4700749.9/33

In: 111.404 $\pm$ 0.034 χ^2 /NDF:1839407.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.924 $\pm$ 0.024 χ^2 /NDF: 4700749.9/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 $\pm$ 0.048 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.058 $\pm$ 0.046 χ^2 /NDF: 16.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

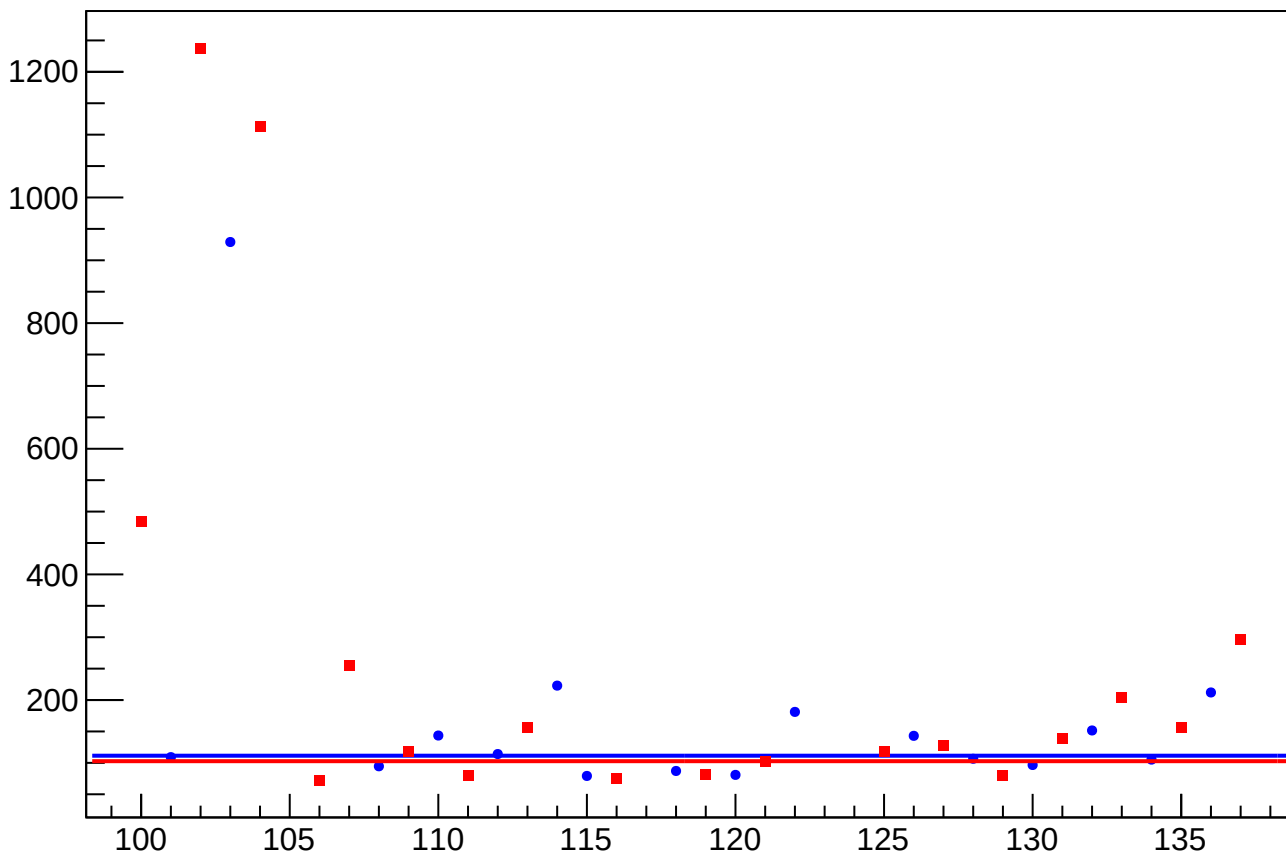
Right: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

In: -0.021 $\pm$ 0.048 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.040 $\pm$ 0.033 χ^2 /NDF: 32.8/33

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 111.404+/-0.034 χ^2/NDF : 1839407.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.671+/-0.033 χ^2/NDF : 2826848.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

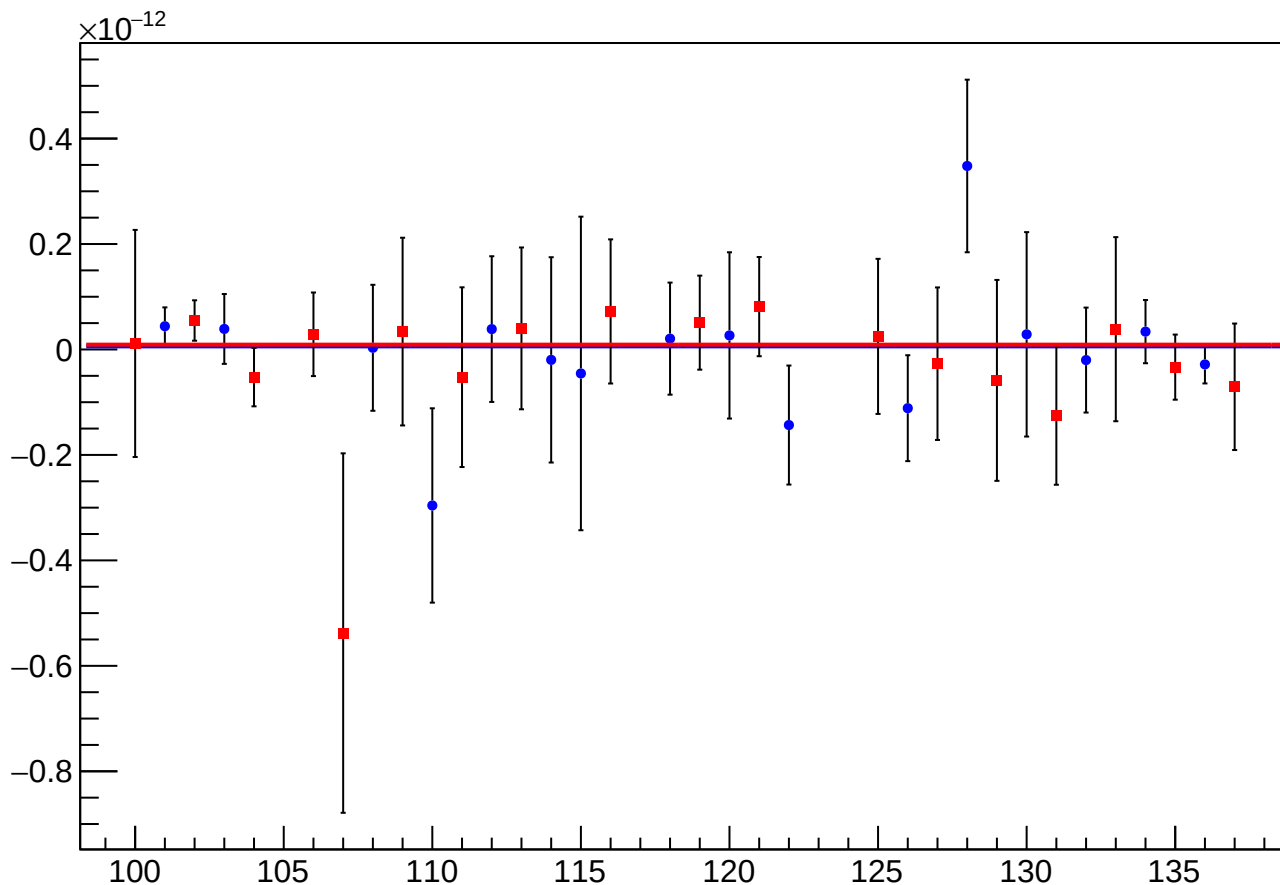
Right: 106.924+/-0.024 χ^2/NDF : 4700749.9/33

In: 111.404+/-0.034 χ^2/NDF : 1839407.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.924+/-0.024 χ^2/NDF : 4700749.9/33

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 8.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

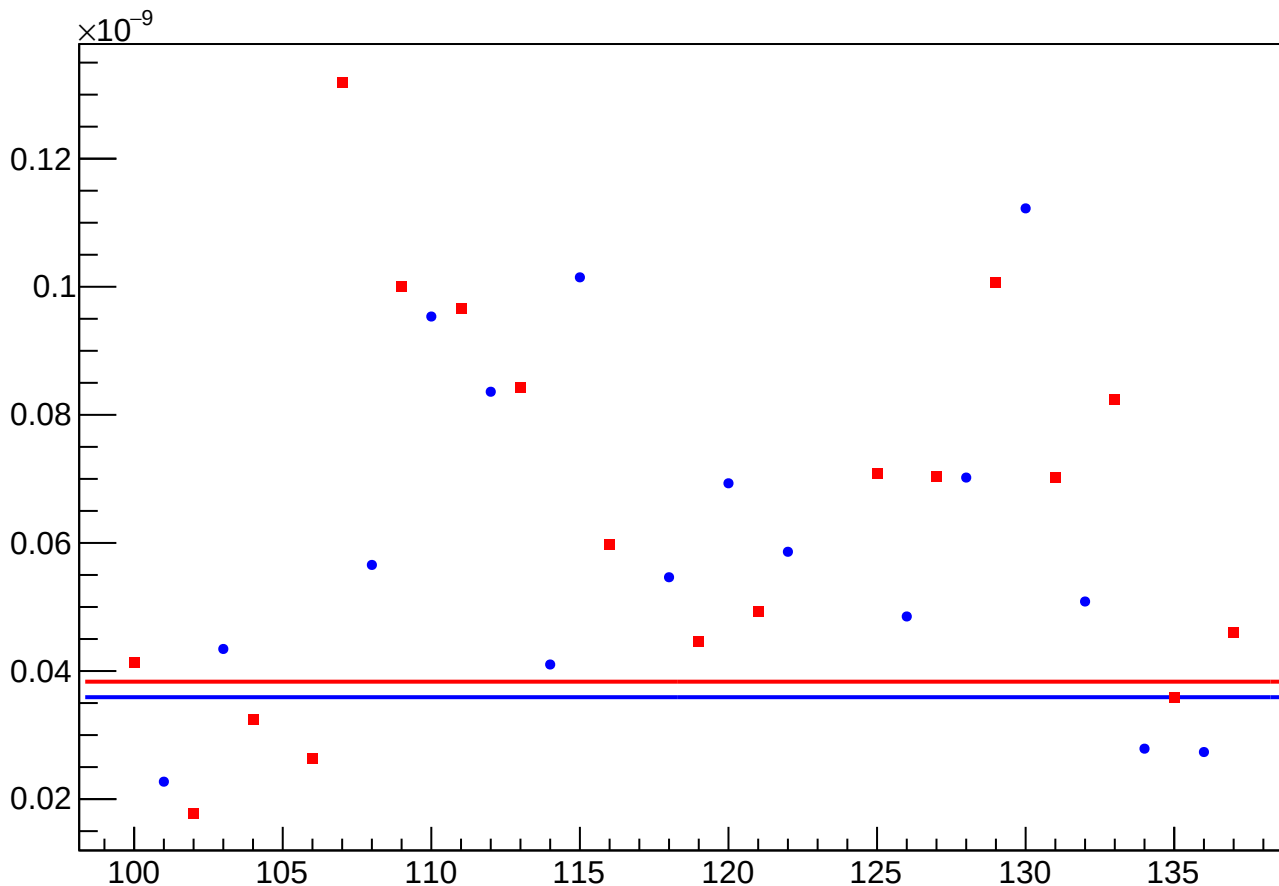
Right: 0.000+/-0.000 χ^2/NDF : 21.6/33

In: 0.000+/-0.000 χ^2/NDF : 12.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.6/33

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1759038.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2202319.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

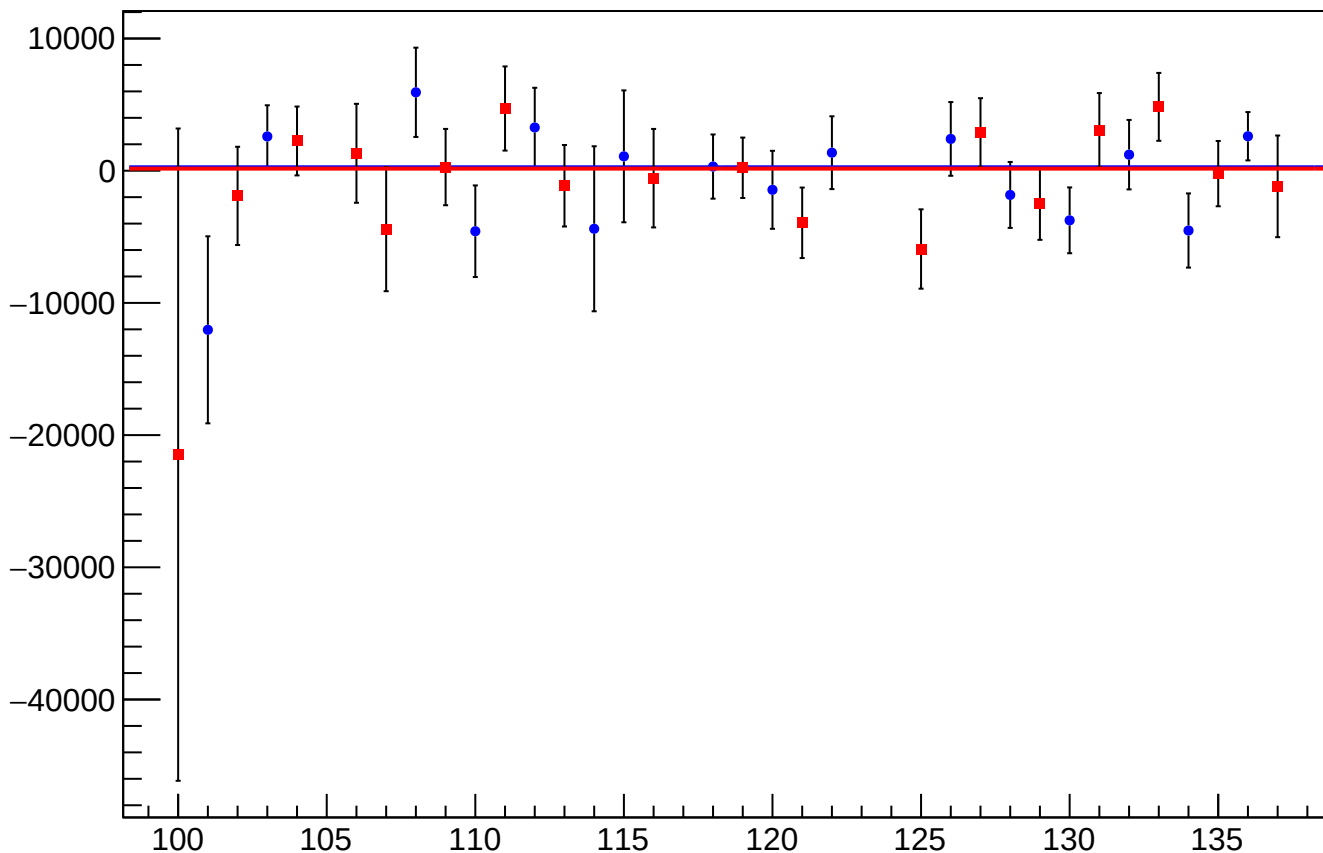
Right: 0.000+/-0.000 χ^2/NDF : 3975413.5/33

In: 0.000+/-0.000 χ^2/NDF : 1759038.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3975413.5/33

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 259.502 $\pm$ 709.700 χ^2 /NDF: 19.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 159.330 $\pm$ 712.314 χ^2 /NDF: 18.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

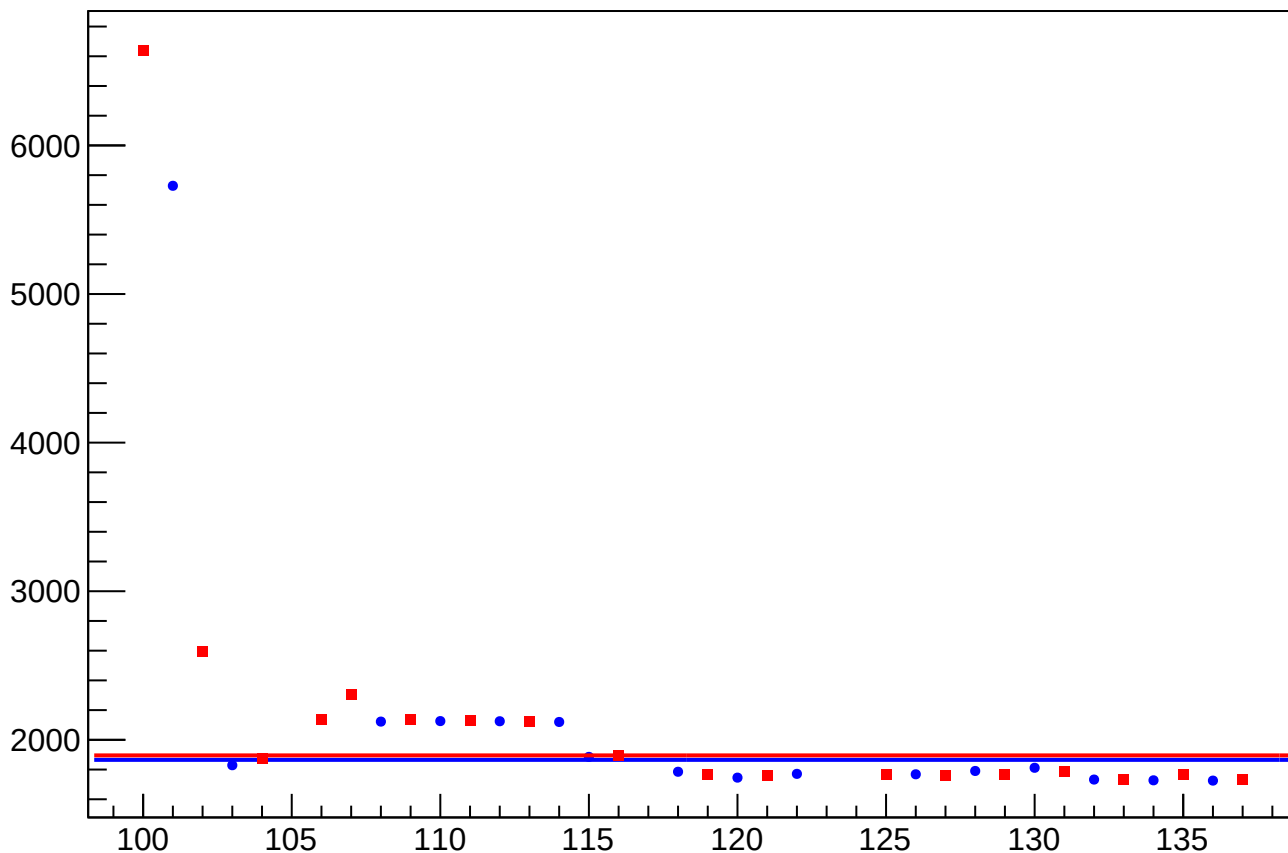
Right: 209.600 $\pm$ 502.755 χ^2 /NDF: 37.5/33

In: 259.502 $\pm$ 709.700 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.600 $\pm$ 502.755 χ^2 /NDF: 37.5/33

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.250+/-0.504 χ^2/NDF : 250806.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

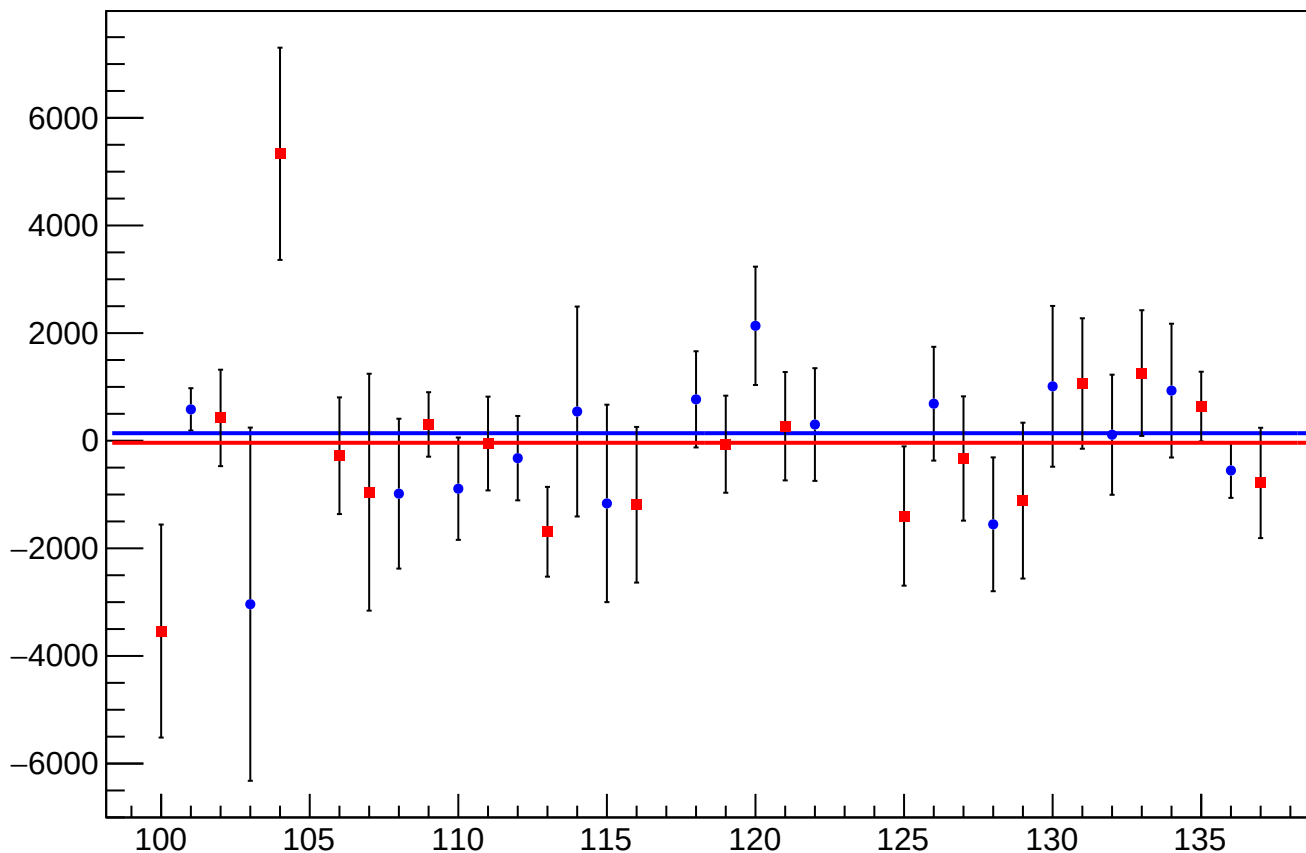
Right: 1880.155+/-0.356 χ^2/NDF : 925321.0/33

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.155+/-0.356 χ^2/NDF : 925321.0/33

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 139.799+/-220.100 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -38.629+/-238.253 χ^2/NDF : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

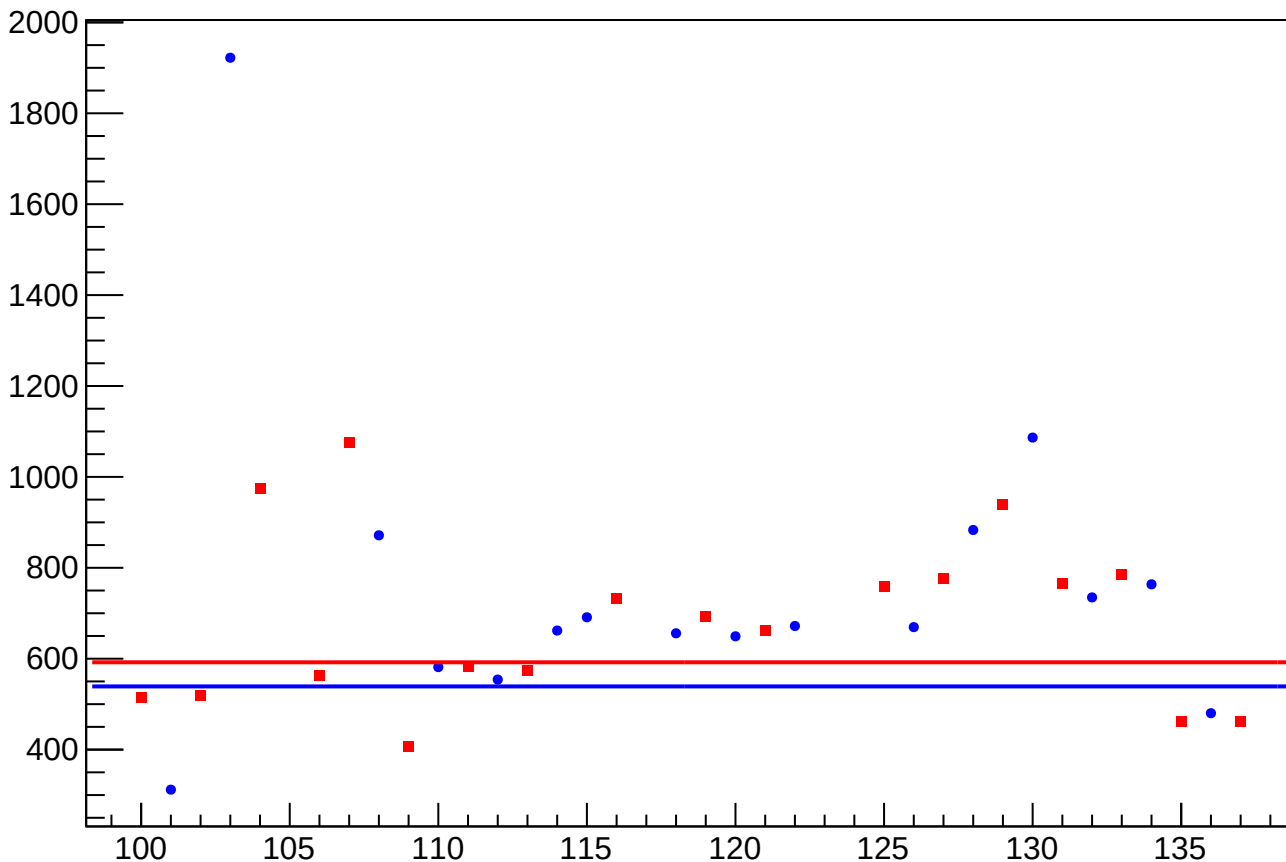
Right: 57.640+/-161.672 χ^2/NDF : 35.2/33

In: 139.799+/-220.100 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.640+/-161.672 χ^2/NDF : 35.2/33

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 539.016+/-0.156 χ^2/NDF : 1854576.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 592.101+/-0.168 χ^2/NDF : 843066.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

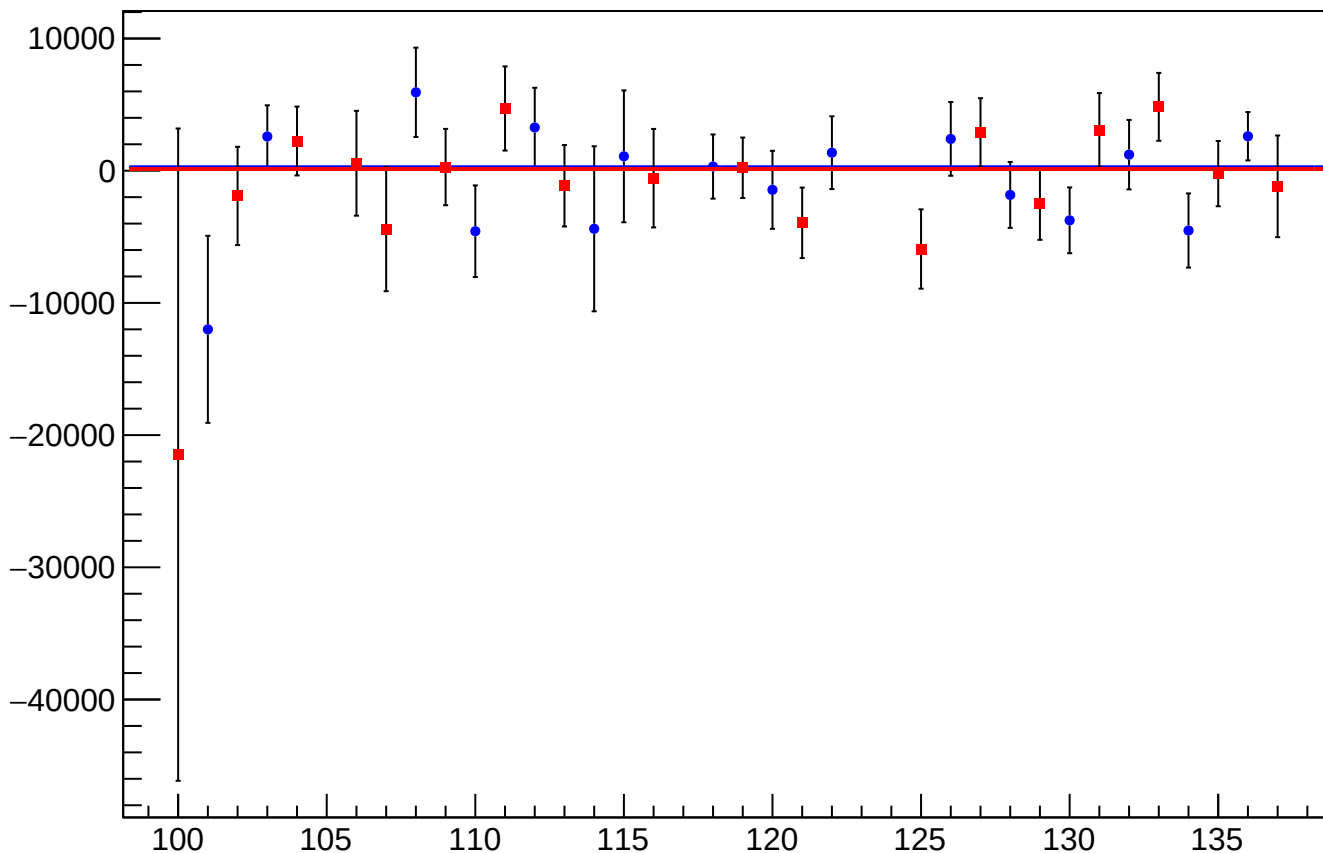
Right: 563.459+/-0.114 χ^2/NDF : 2751212.3/33

In: 539.016+/-0.156 χ^2/NDF : 1854576.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.459+/-0.114 χ^2/NDF : 2751212.3/33

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 259.689 $\pm$ 709.700 χ^2 /NDF: 19.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.049 $\pm$ 713.724 χ^2 /NDF: 18.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

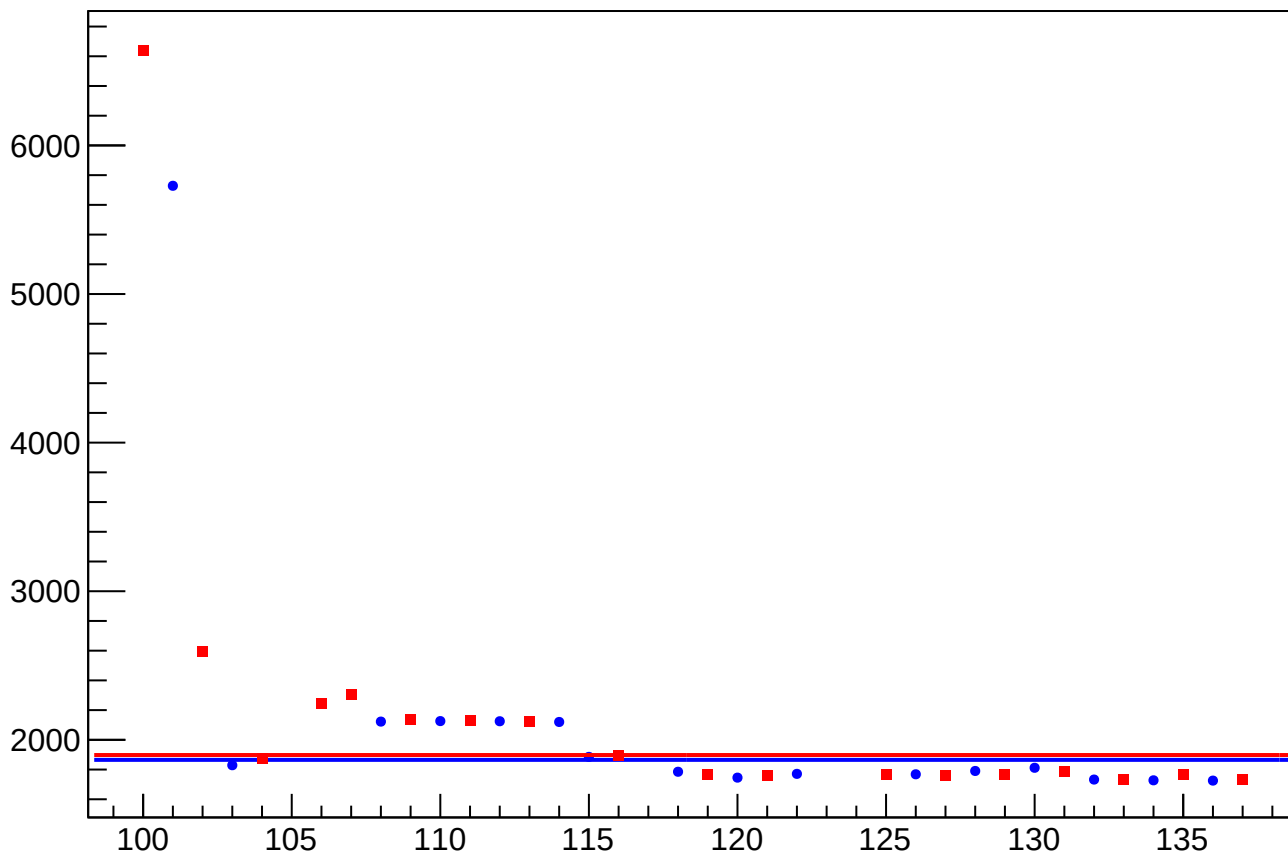
Right: 195.236 $\pm$ 503.250 χ^2 /NDF: 37.4/33

In: 259.689 $\pm$ 709.700 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.236 $\pm$ 503.250 χ^2 /NDF: 37.4/33

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.700+/-0.505 χ^2/NDF : 257735.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

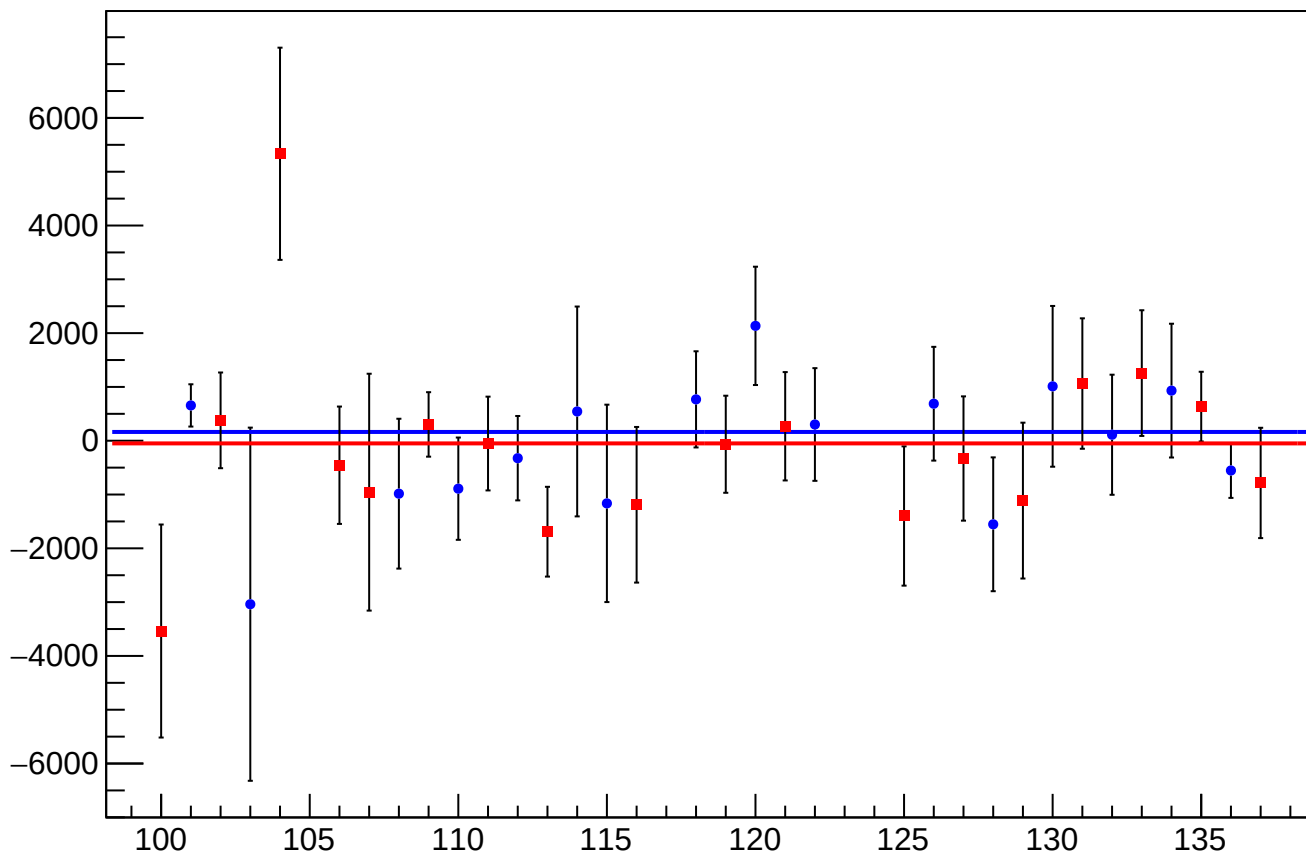
Right: 1881.343+/-0.356 χ^2/NDF : 932548.8/33

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.343+/-0.356 χ^2/NDF : 932548.8/33

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.618+/-238.198 χ^2/NDF : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

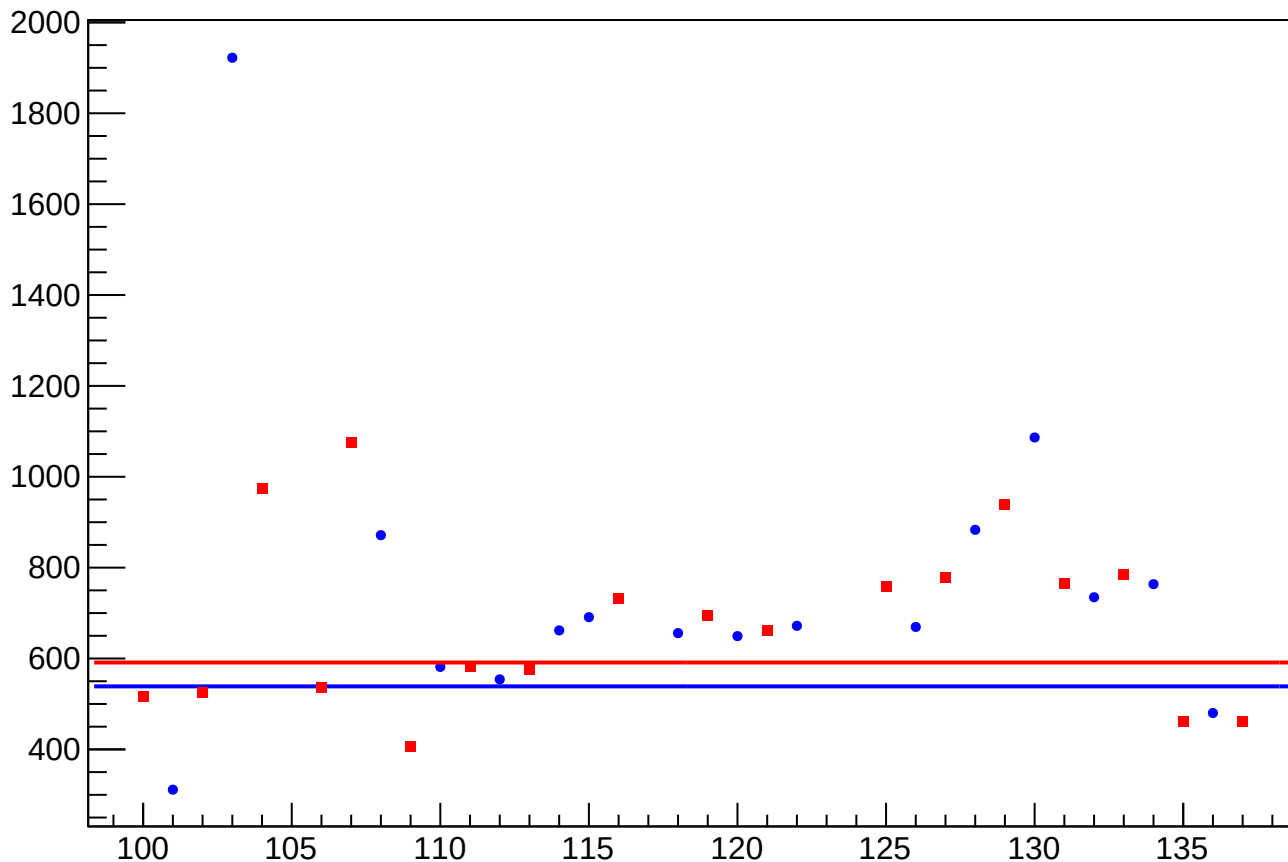
Right: 65.191+/-161.624 χ^2/NDF : 35.8/33

In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.191+/-161.624 χ^2/NDF : 35.8/33

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.241+/-0.168 χ^2/NDF : 844536.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

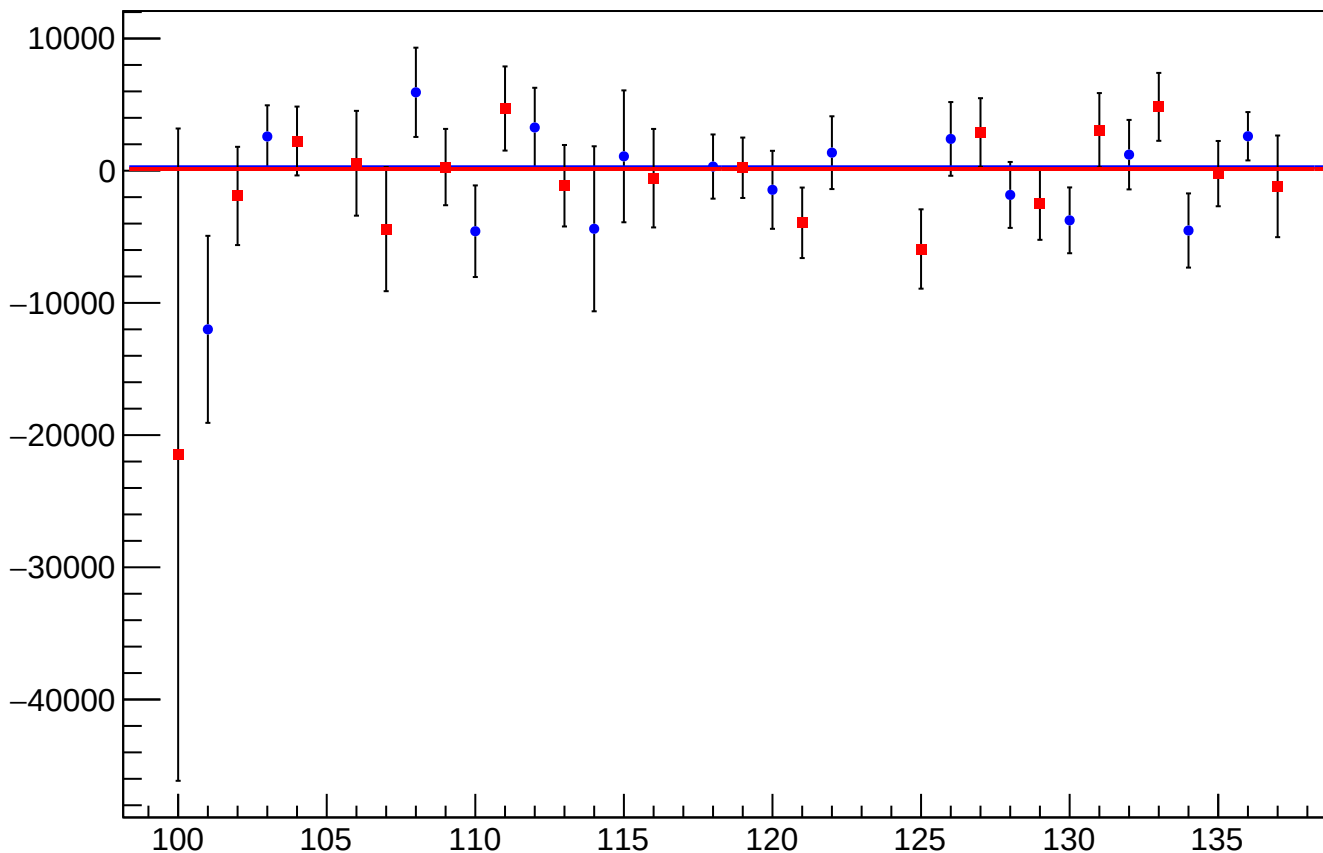
Right: 562.892+/-0.114 χ^2/NDF : 2755931.5/33

In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.892+/-0.114 χ^2/NDF : 2755931.5/33

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 259.689 $\pm$ 709.700 χ^2 /NDF: 19.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 130.049 $\pm$ 713.724 χ^2 /NDF: 18.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

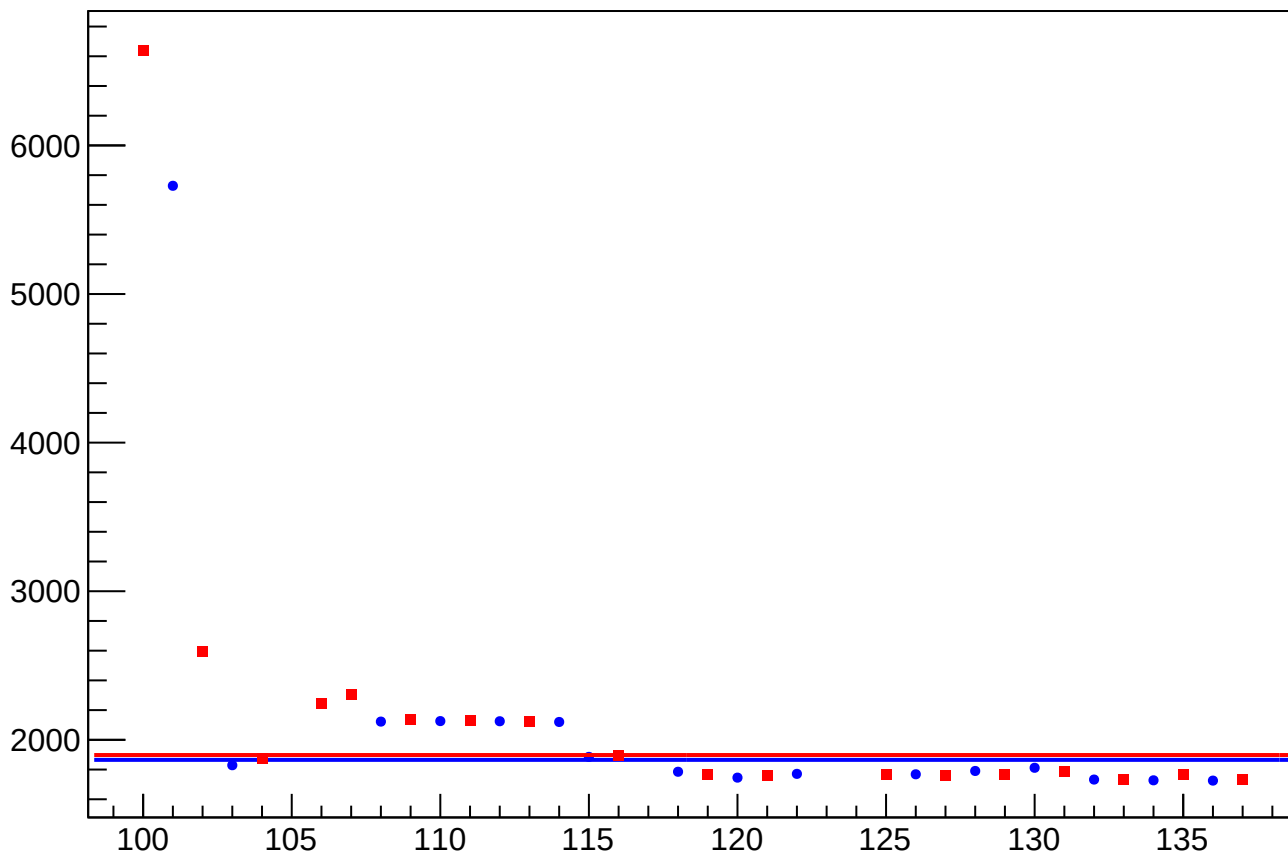
Right: 195.236 $\pm$ 503.250 χ^2 /NDF: 37.4/33

In: 259.689 $\pm$ 709.700 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.236 $\pm$ 503.250 χ^2 /NDF: 37.4/33

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1897.700+/-0.505 χ^2/NDF : 257735.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

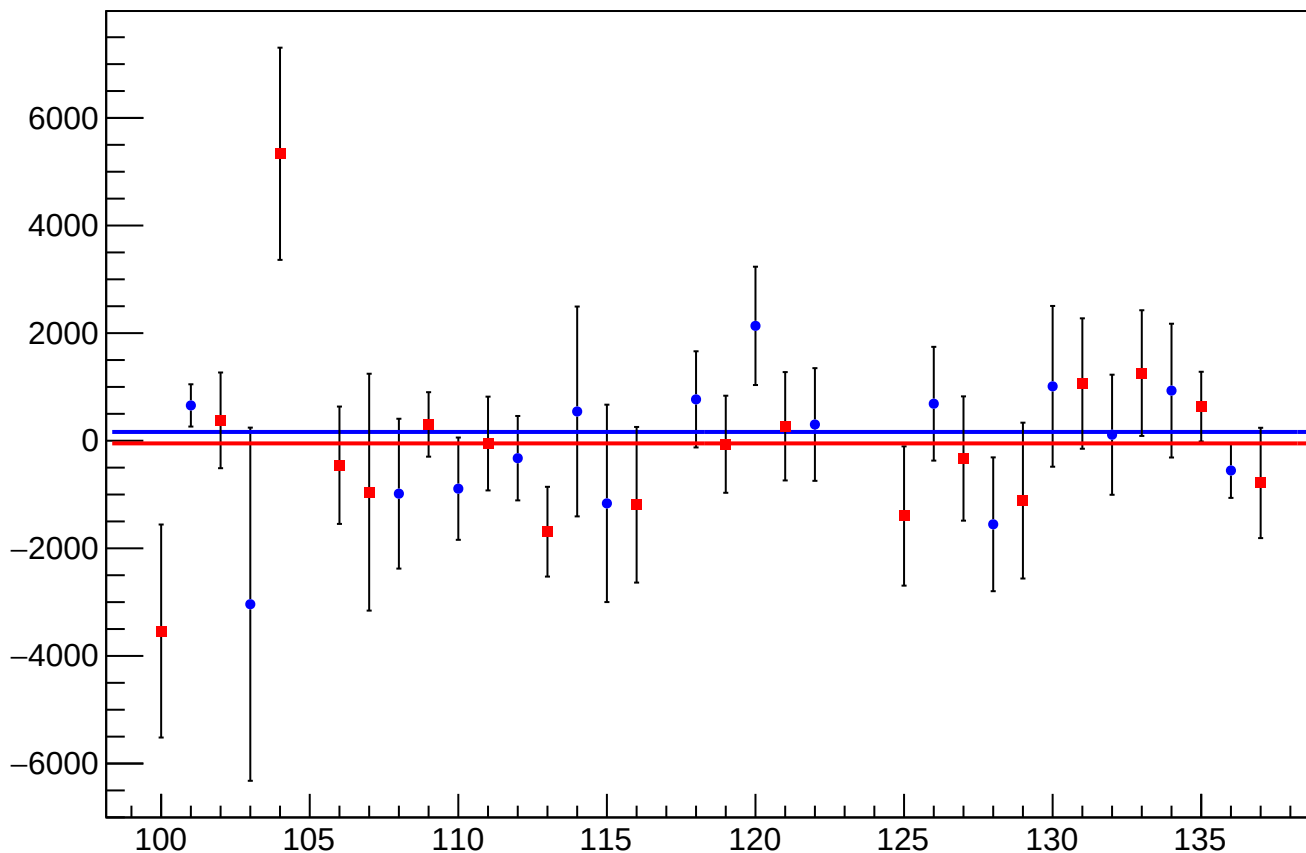
Right: 1881.343+/-0.356 χ^2/NDF : 932548.8/33

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.343+/-0.356 χ^2/NDF : 932548.8/33

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -49.618+/-238.198 χ^2/NDF : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

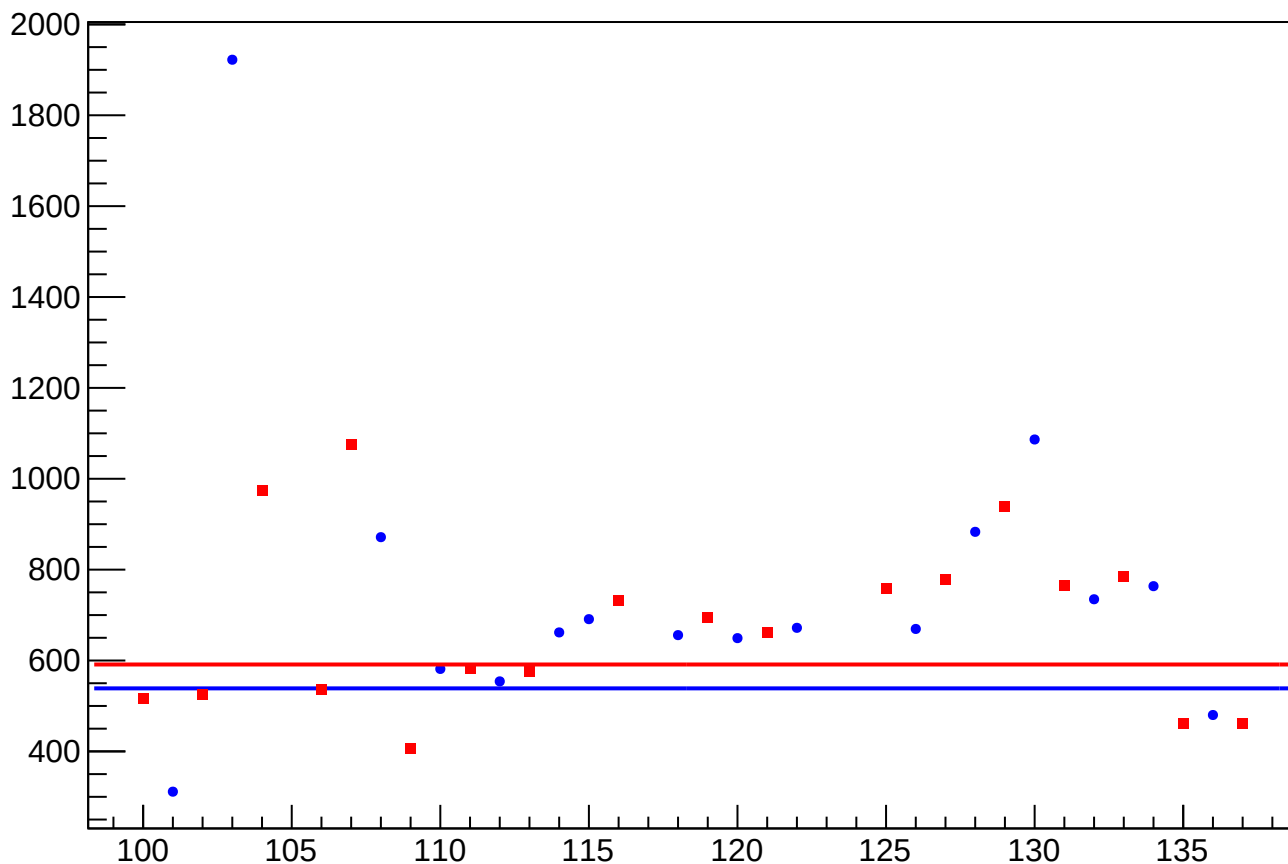
Right: 65.191+/-161.624 χ^2/NDF : 35.8/33

In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.191+/-161.624 χ^2/NDF : 35.8/33

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 591.241+/-0.168 χ^2/NDF : 844536.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

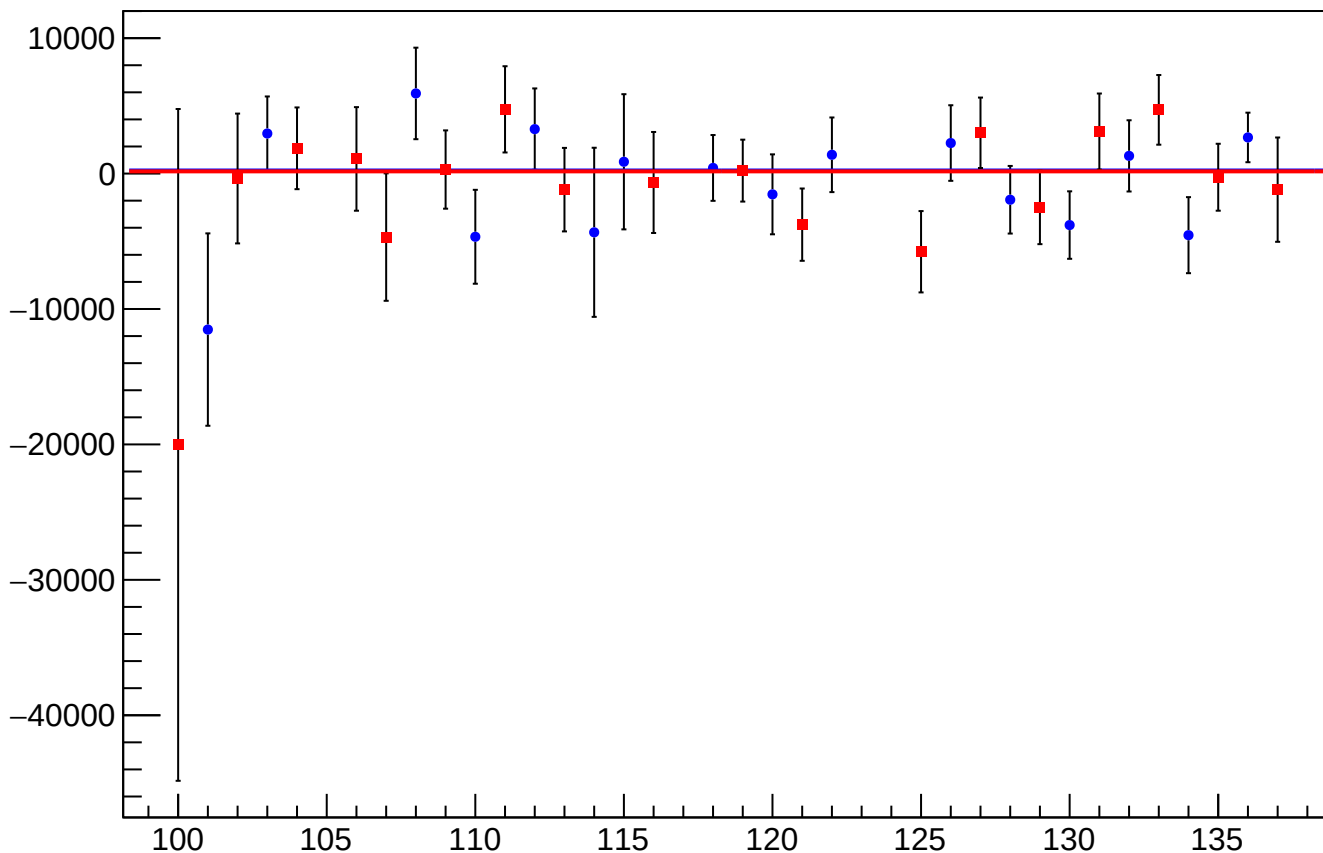
Right: 562.892+/-0.114 χ^2/NDF : 2755931.5/33

In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.892+/-0.114 χ^2/NDF : 2755931.5/33

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 226.227 $\pm$ 718.556 χ^2 /NDF: 19.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.711 $\pm$ 725.798 χ^2 /NDF: 17.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

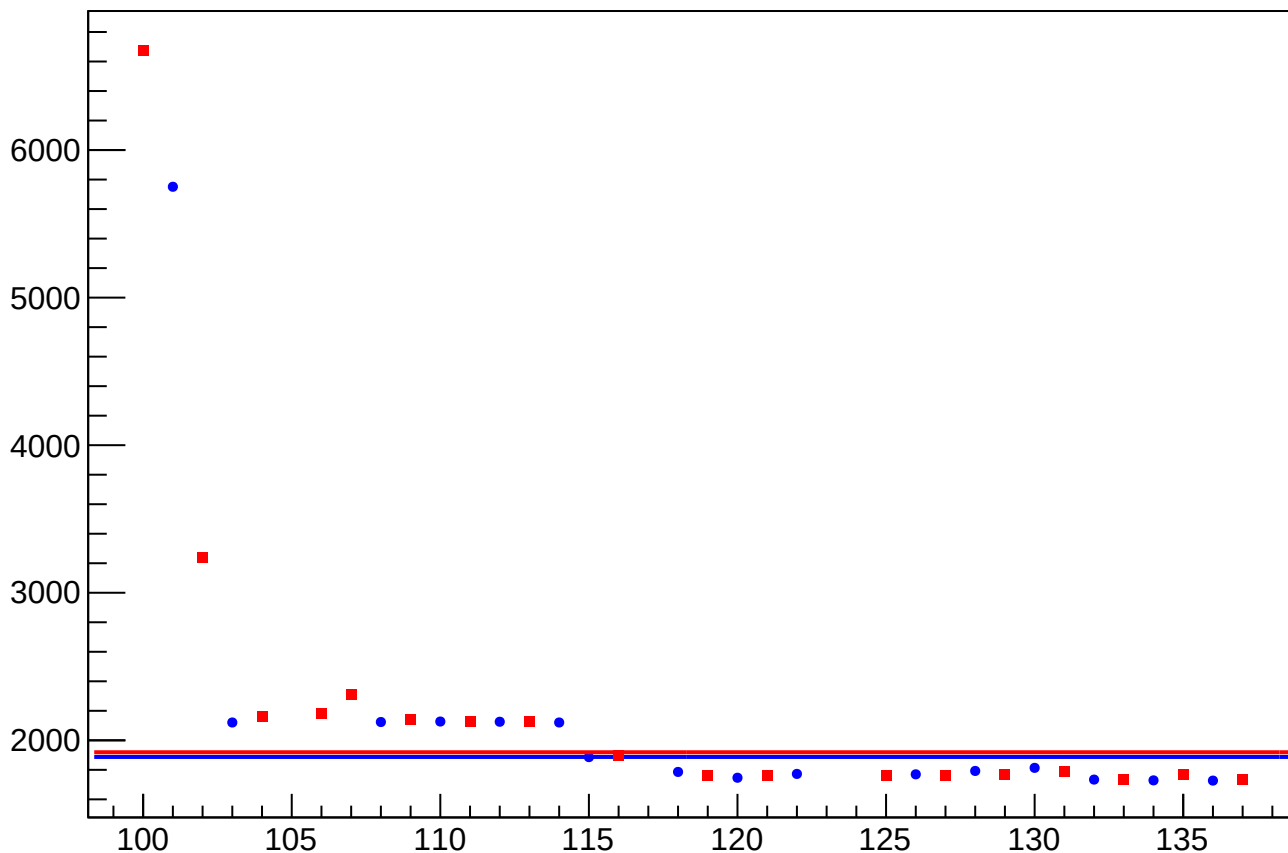
Right: 195.282 $\pm$ 510.637 χ^2 /NDF: 36.4/33

In: 226.227 $\pm$ 718.556 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.282 $\pm$ 510.637 χ^2 /NDF: 36.4/33

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1887.310+/-0.508 χ^2/NDF : 689442.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.164+/-0.513 χ^2/NDF : 352567.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

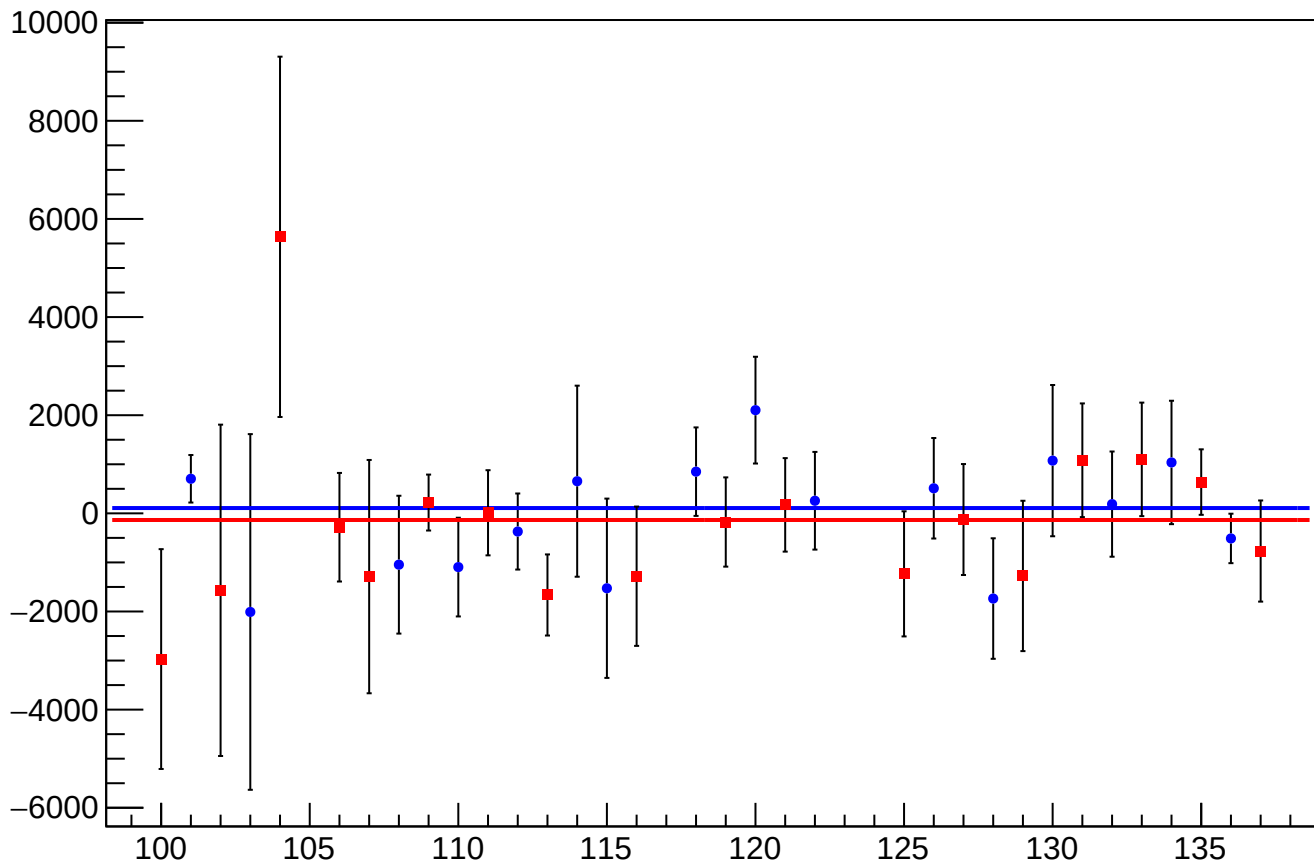
Right: 1903.077+/-0.361 χ^2/NDF : 1043955.3/33

In: 1887.310+/-0.508 χ^2/NDF : 689442.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.077+/-0.361 χ^2/NDF : 1043955.3/33

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 108.131+/-231.711 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -135.358+/-245.933 χ^2/NDF : 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

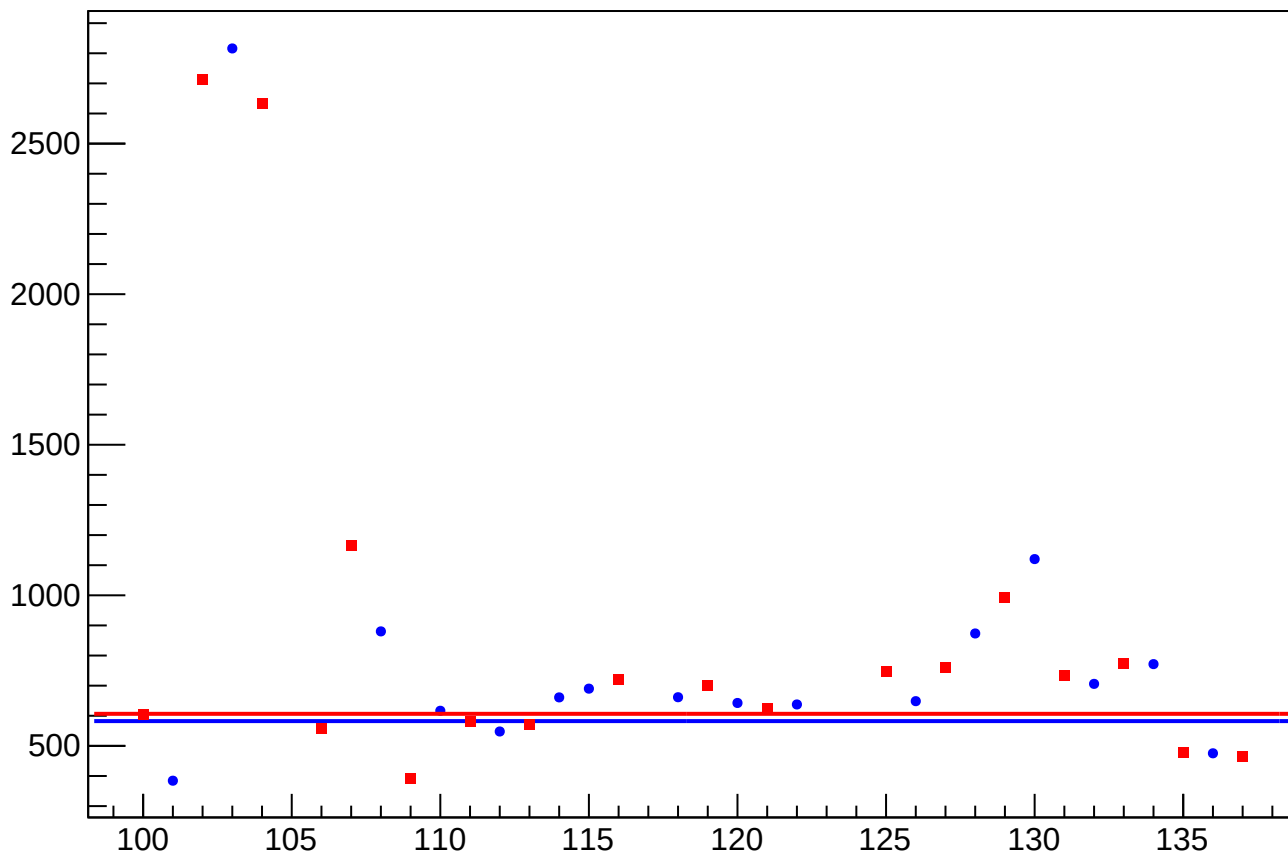
Right: -6.369+/-168.648 χ^2/NDF : 29.0/33

In: 108.131+/-231.711 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.369+/-168.648 χ^2/NDF : 29.0/33

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 582.270+/-0.164 χ^2/NDF : 1754301.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.451+/-0.174 χ^2/NDF : 2198399.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

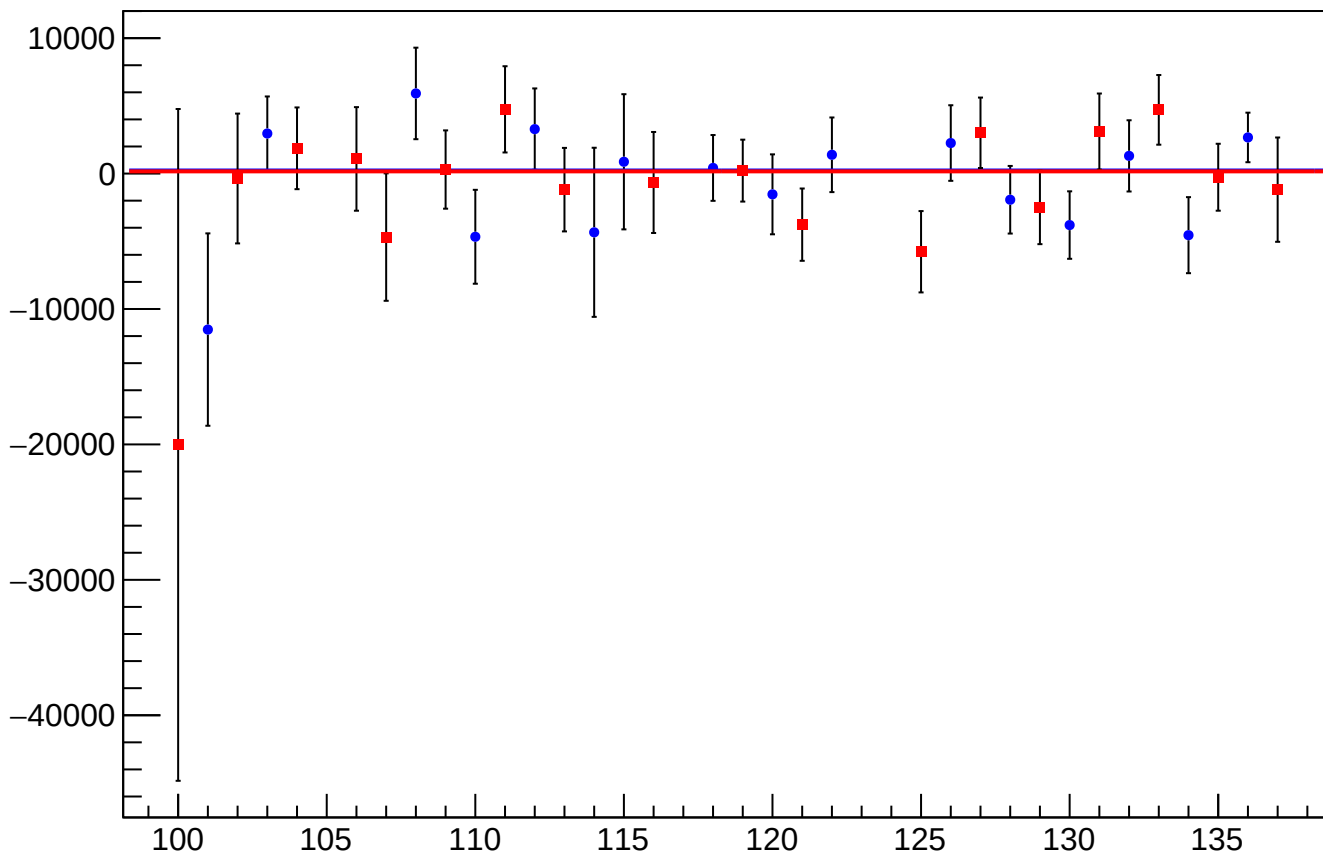
Right: 593.641+/-0.119 χ^2/NDF : 3962943.2/33

In: 582.270+/-0.164 χ^2/NDF : 1754301.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.641+/-0.119 χ^2/NDF : 3962943.2/33

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 226.227 $\pm$ 718.556 χ^2 /NDF: 19.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.711 $\pm$ 725.798 χ^2 /NDF: 17.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

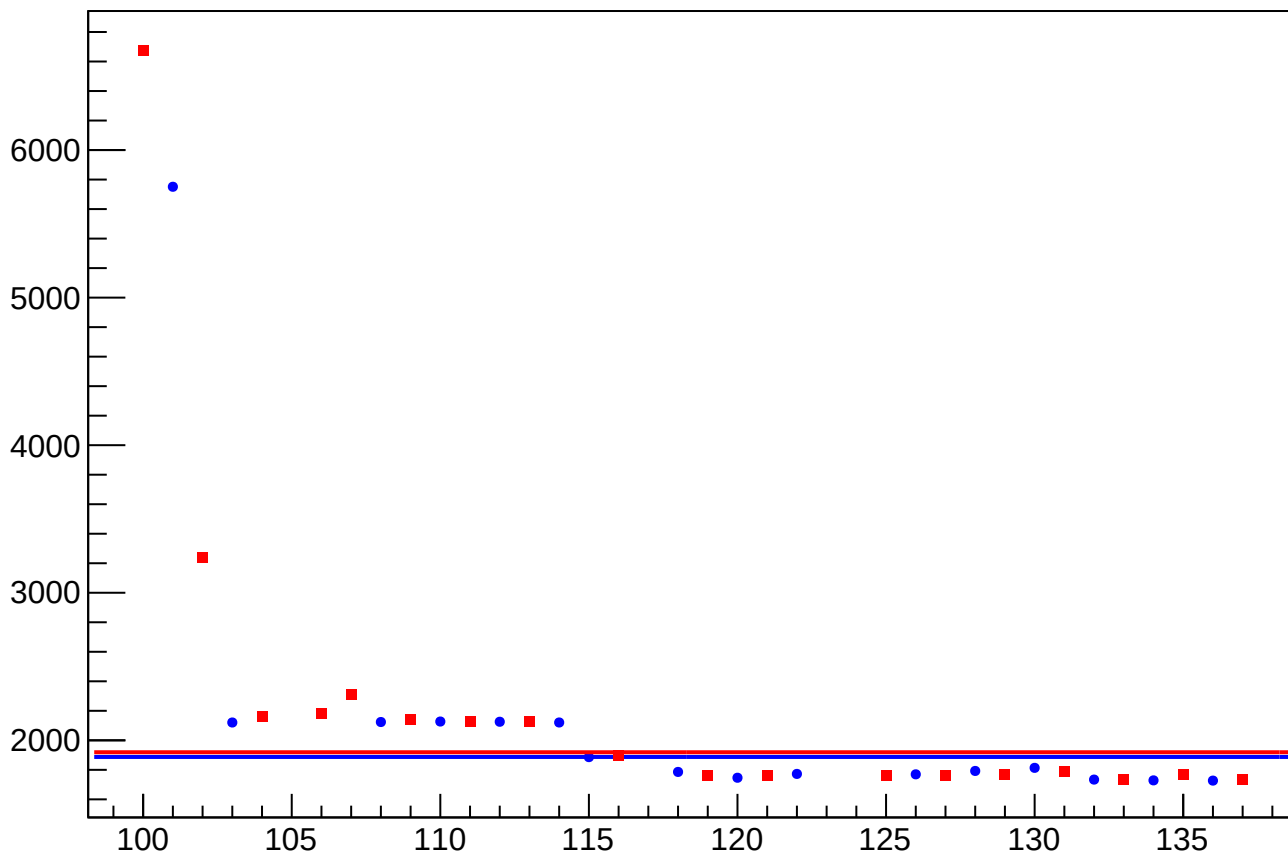
Right: 195.283 $\pm$ 510.637 χ^2 /NDF: 36.4/33

In: 226.227 $\pm$ 718.556 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.283 $\pm$ 510.637 χ^2 /NDF: 36.4/33

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1887.310+/-0.508 χ^2/NDF : 689442.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1919.164+/-0.513 χ^2/NDF : 352566.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

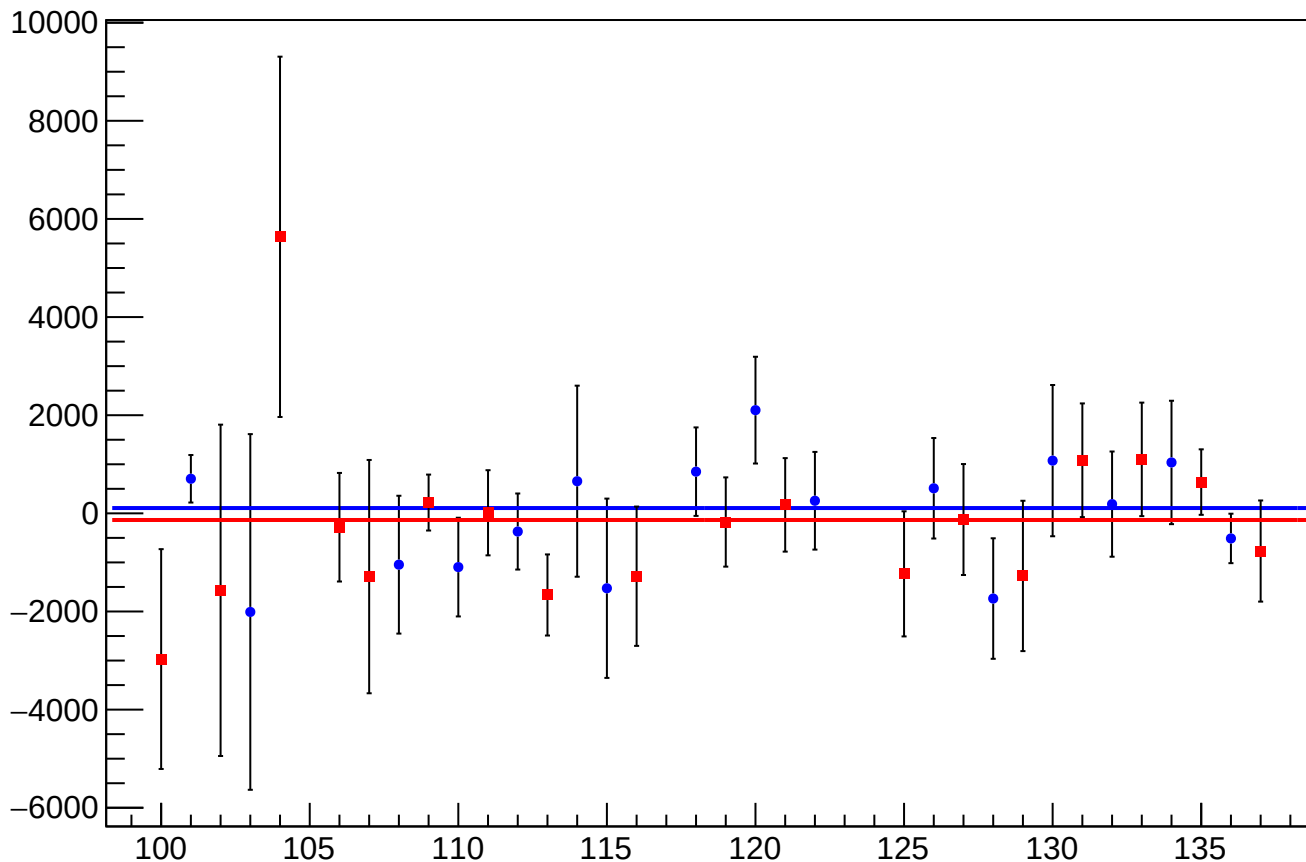
Right: 1903.077+/-0.361 χ^2/NDF : 1043954.3/33

In: 1887.310+/-0.508 χ^2/NDF : 689442.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.077+/-0.361 χ^2/NDF : 1043954.3/33

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 108.128+/-231.710 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -135.356+/-245.932 χ^2/NDF : 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

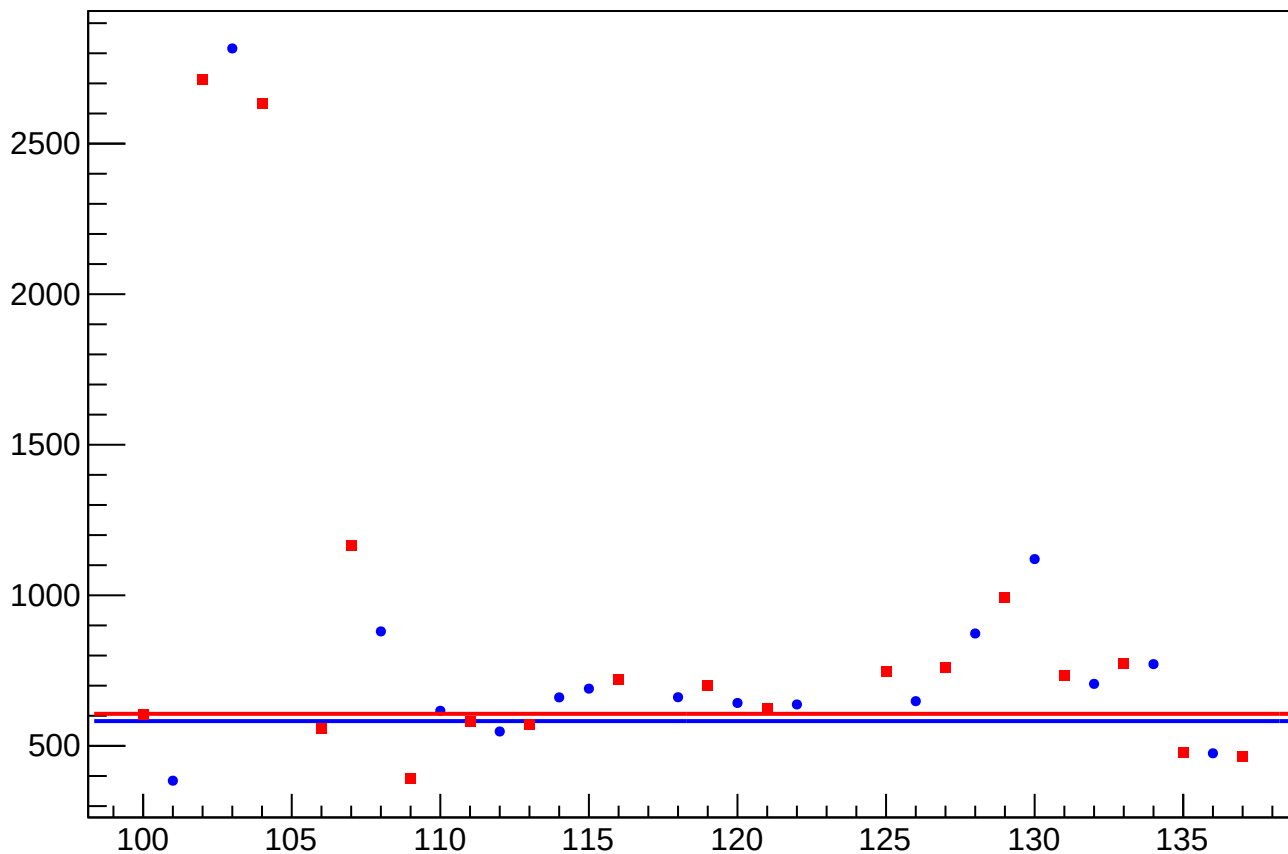
Right: -6.371+/-168.647 χ^2/NDF : 29.0/33

In: 108.128+/-231.710 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.371+/-168.647 χ^2/NDF : 29.0/33

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 582.268+/-0.164 χ^2/NDF : 1754289.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.447+/-0.174 χ^2/NDF : 2198414.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

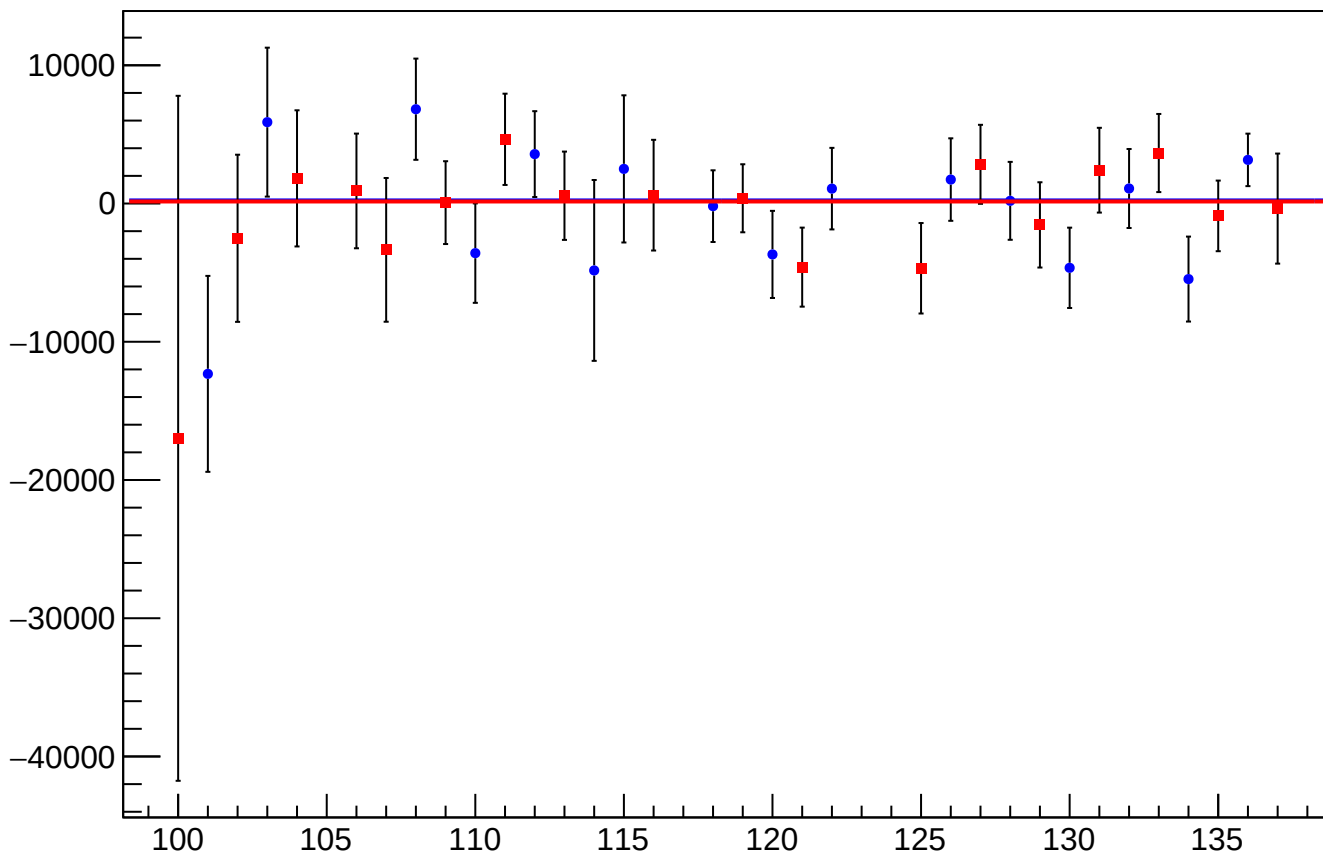
Right: 593.638+/-0.119 χ^2/NDF : 3962944.4/33

In: 582.268+/-0.164 χ^2/NDF : 1754289.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.638+/-0.119 χ^2/NDF : 3962944.4/33

asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 224.521+/-791.678 χ^2/NDF : 21.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 147.974+/-794.180 χ^2/NDF : 11.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

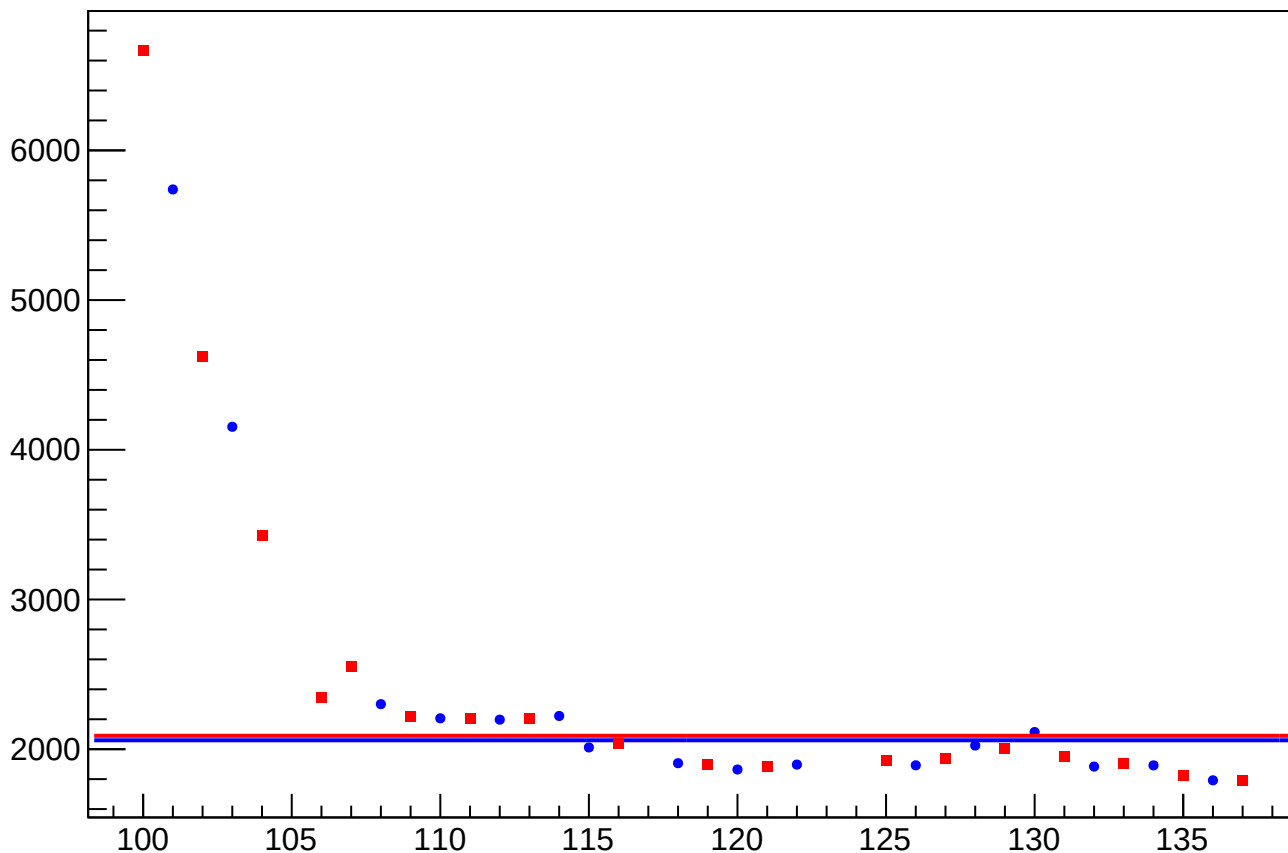
Right: 186.369+/-560.683 χ^2/NDF : 32.7/33

In: 224.521+/-791.678 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.369+/-560.683 χ^2/NDF : 32.7/33

asym_us_avg_at1lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2059.496+/-0.560 χ^2/NDF : 939873.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2089.476+/-0.562 χ^2/NDF : 681465.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

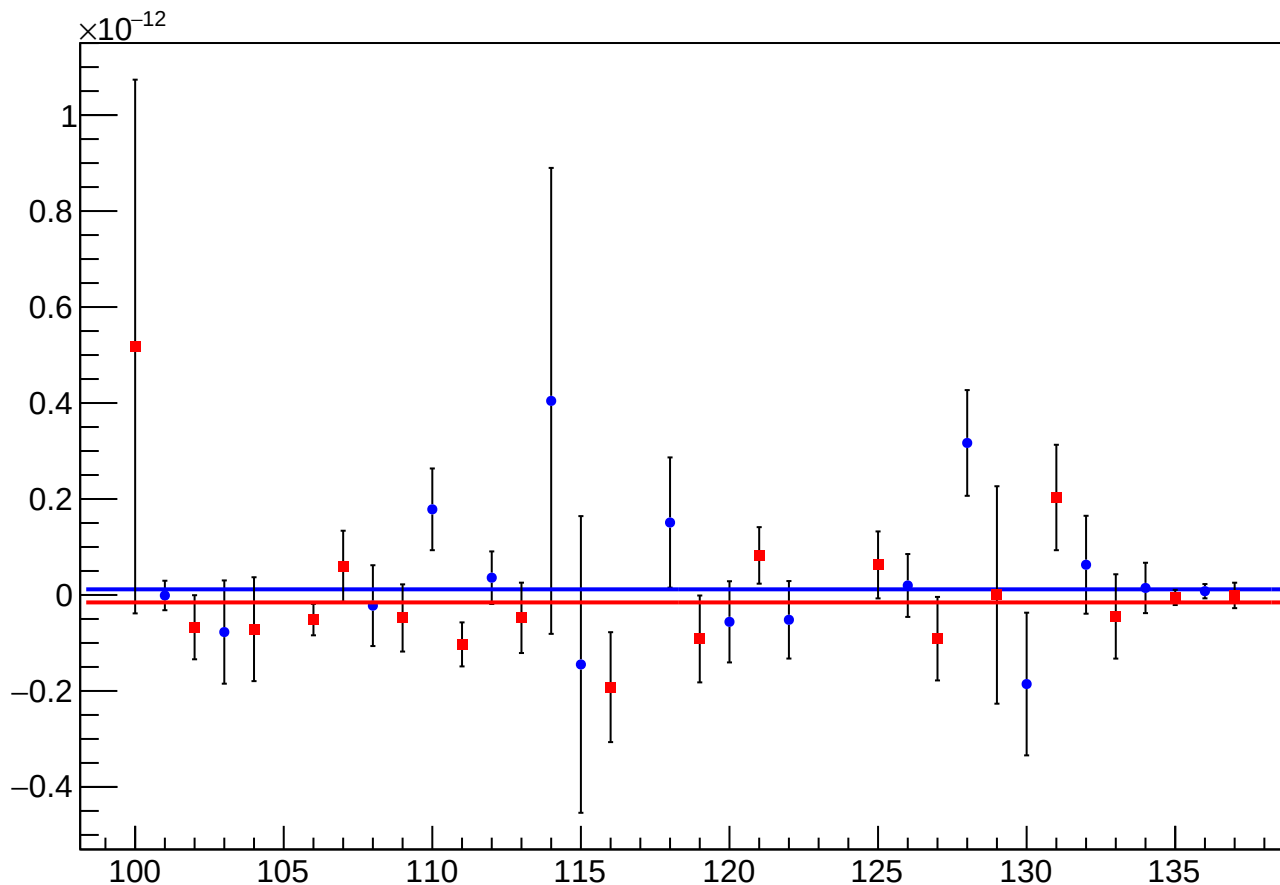
Right: 2074.439+/-0.396 χ^2/NDF : 1622768.9/33

In: 2059.496+/-0.560 χ^2/NDF : 939873.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2074.439+/-0.396 χ^2/NDF : 1622768.9/33

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

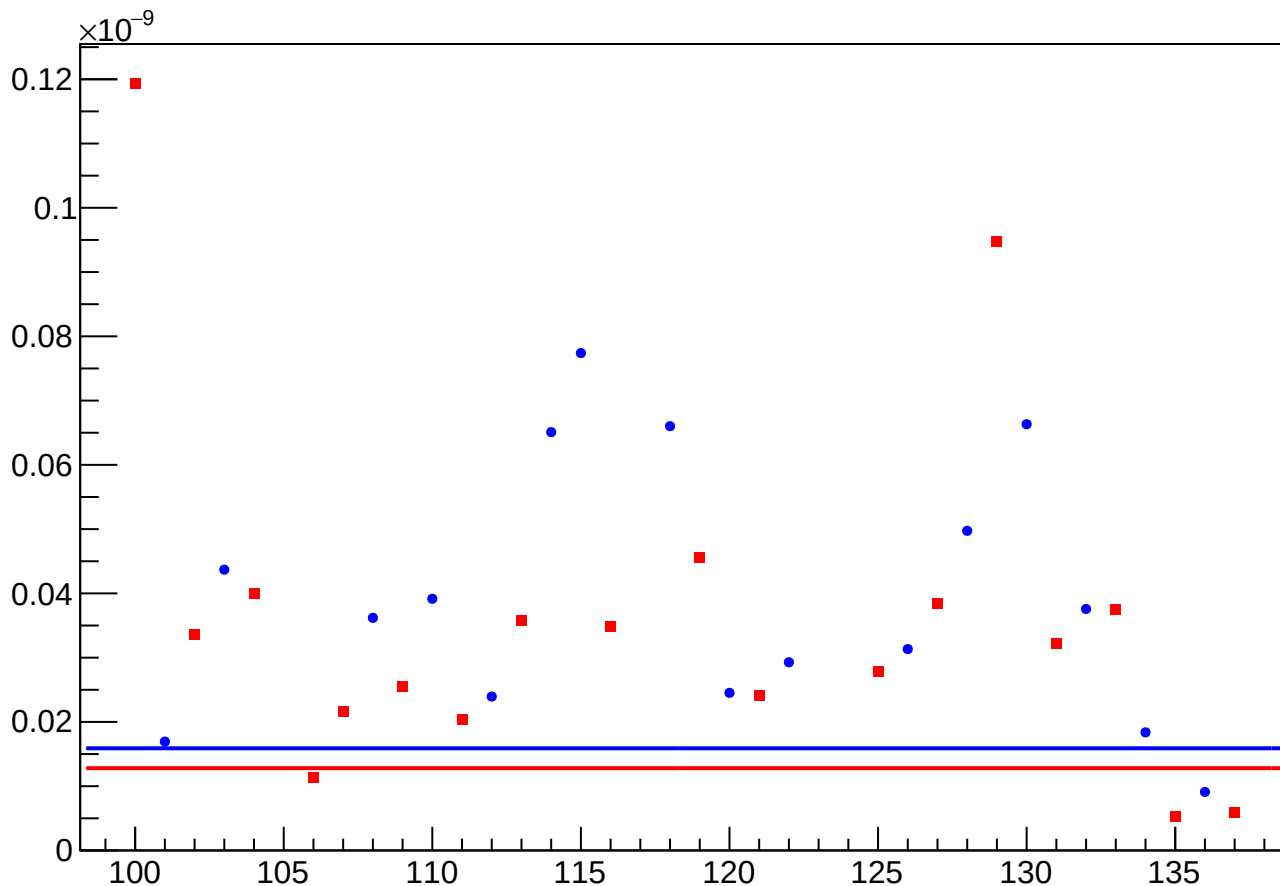
Right: -0.000+/-0.000 χ^2/NDF : 41.8/33

In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.8/33

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1935582.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2486058.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

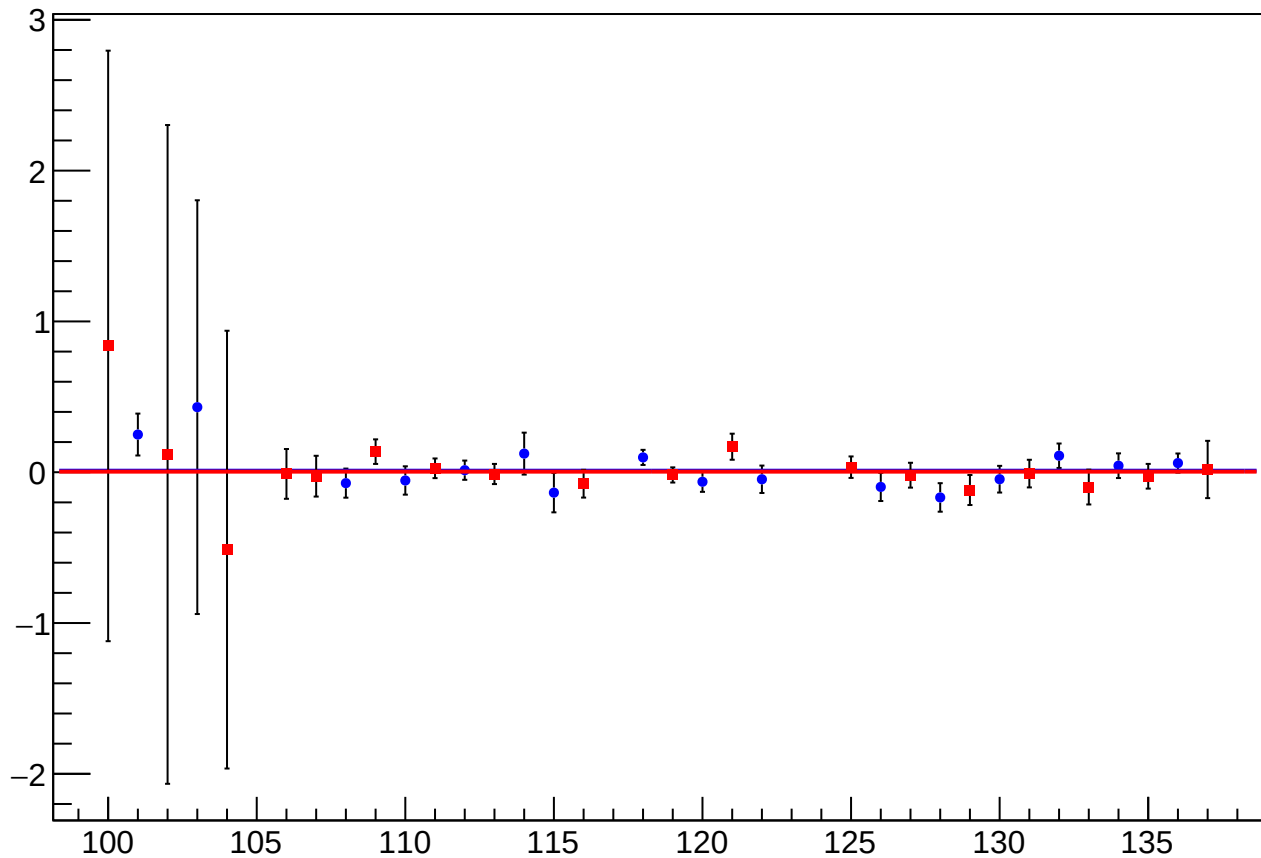
Right: 0.000+/-0.000 χ^2/NDF : 4498662.7/33

In: 0.000+/-0.000 χ^2/NDF : 1935582.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4498662.7/33

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

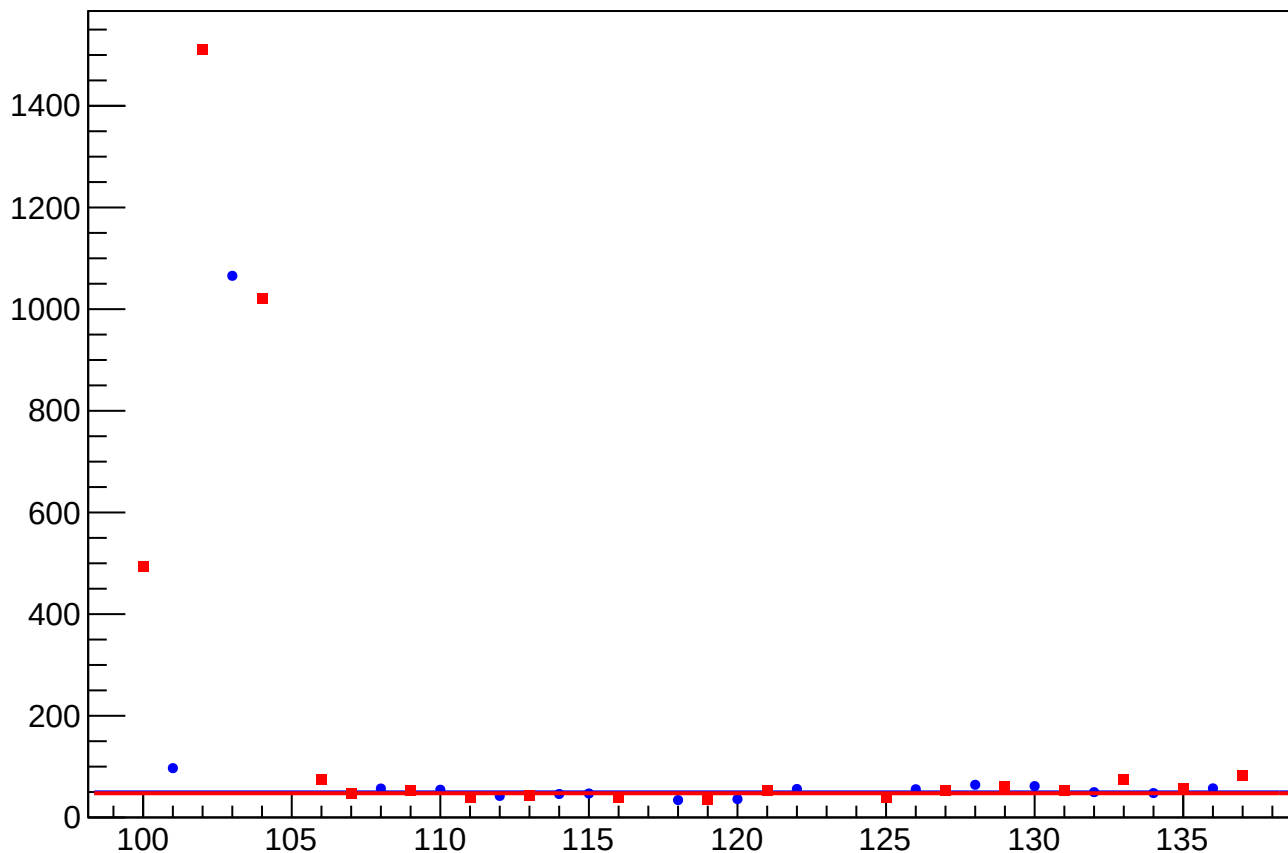
Right: 0.007+/-0.015 χ^2/NDF : 29.0/33

In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.015 χ^2/NDF : 29.0/33

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.333+/-0.015 χ^2/NDF : 1776998.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.599+/-0.015 χ^2/NDF : 2418219.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

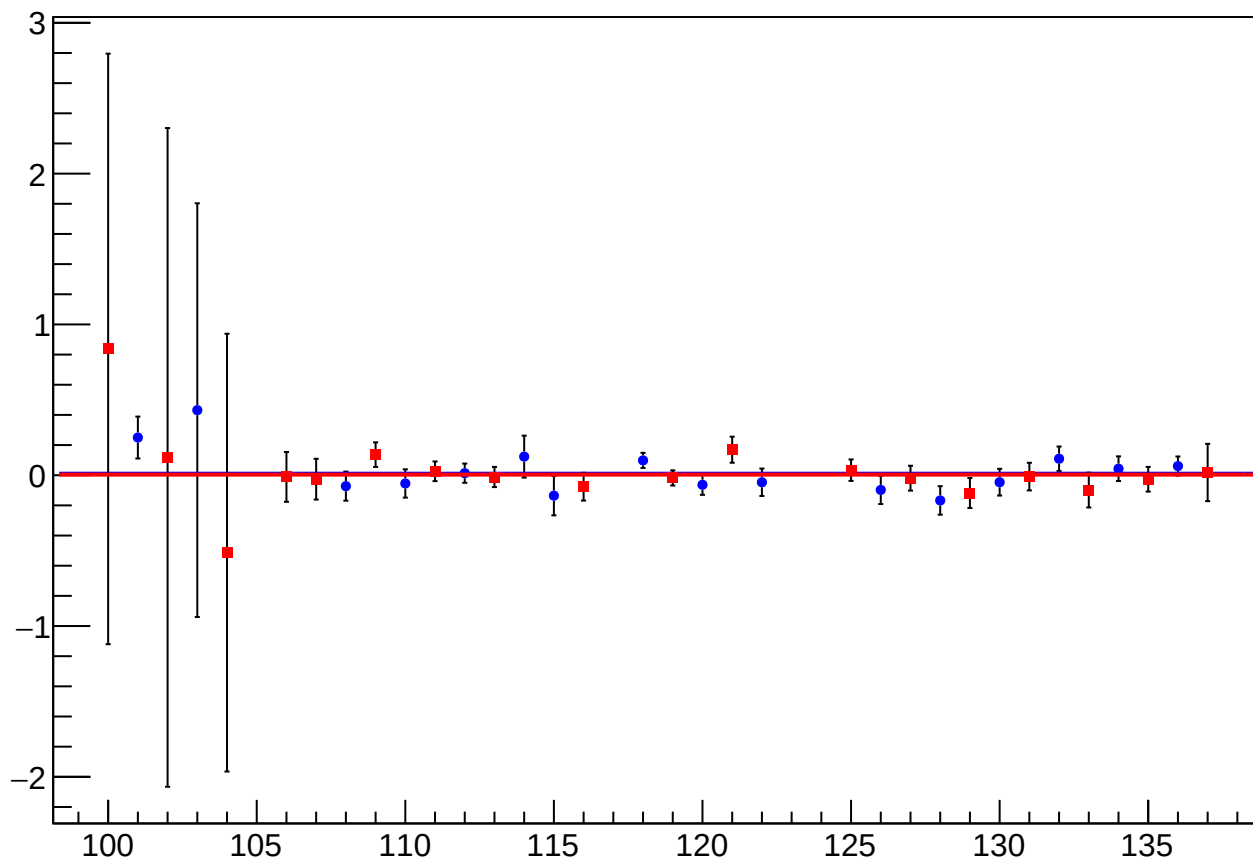
Right: 48.487+/-0.011 χ^2/NDF : 4201890.6/33

In: 49.333+/-0.015 χ^2/NDF : 1776998.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.487+/-0.011 χ^2/NDF : 4201890.6/33

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.021 χ^2 /NDF: 18.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.021 χ^2 /NDF: 10.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

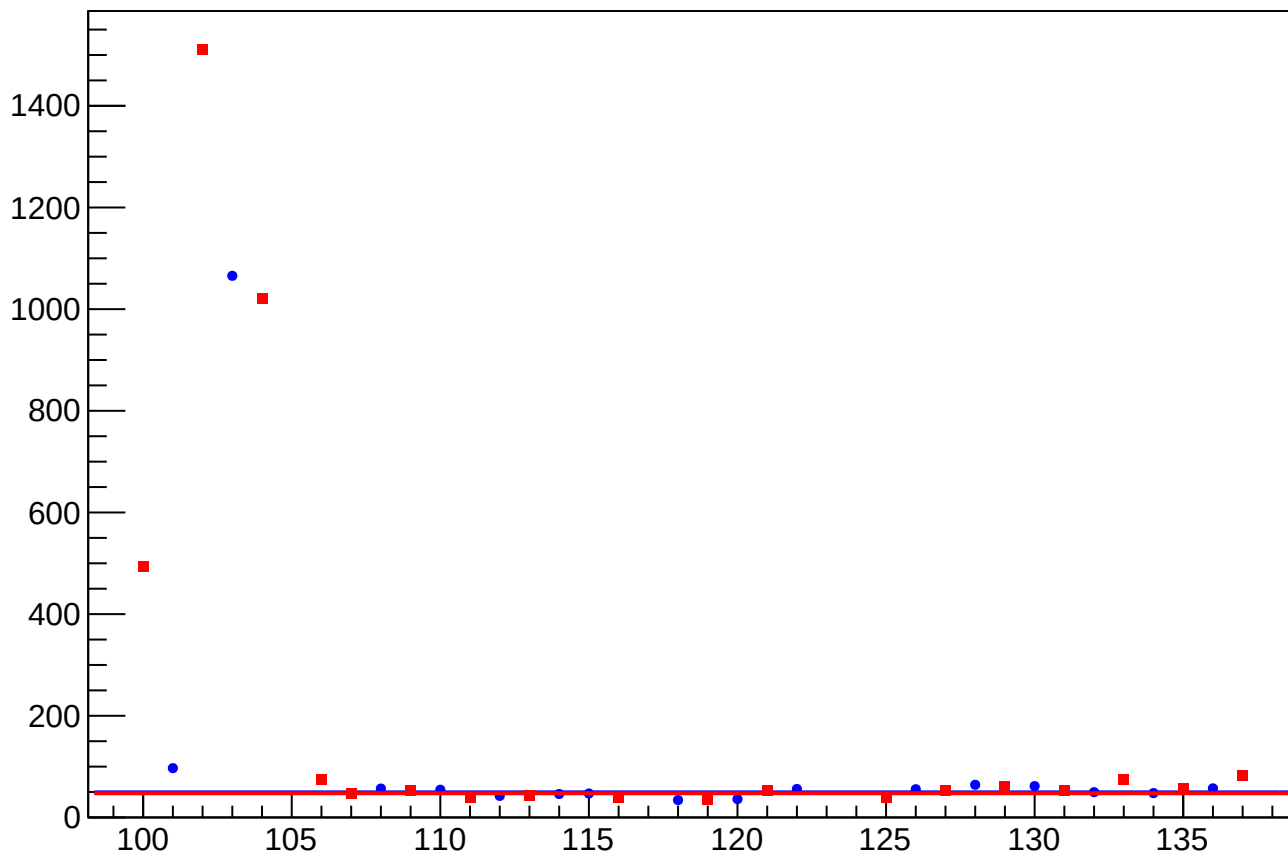
Right: 0.007 $\pm$ 0.015 χ^2 /NDF: 29.0/33

In: 0.010 $\pm$ 0.021 χ^2 /NDF:18.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.015 χ^2 /NDF: 29.0/33

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.333+/-0.015 χ^2 /NDF: 1776998.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 47.599+/-0.015 χ^2 /NDF: 2418219.3/17

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

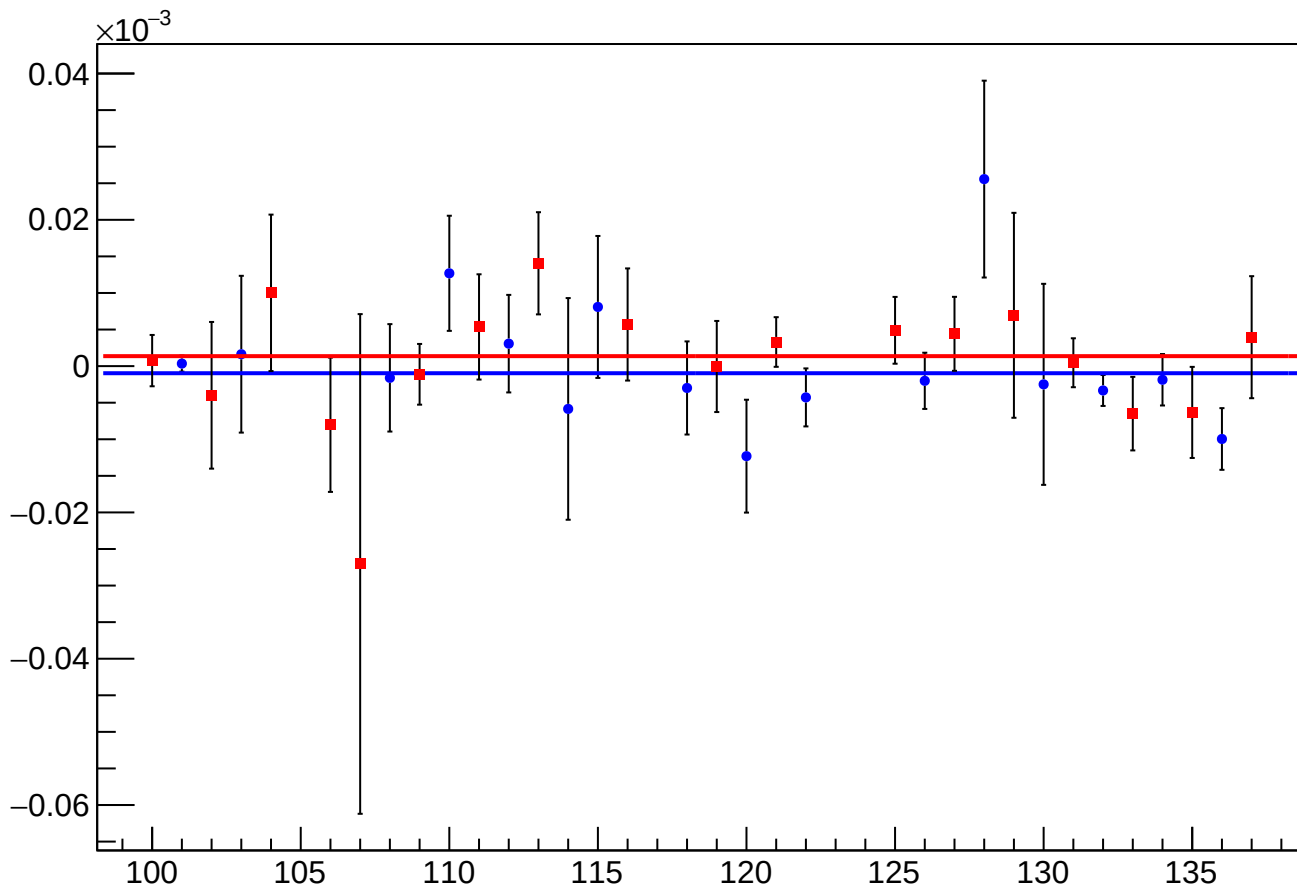
Right: 48.487+/-0.011 χ^2 /NDF: 4201890.6/33

In: 49.333+/-0.015 χ^2 /NDF: 1776998.3/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 48.487+/-0.011 χ^2 /NDF: 4201890.6/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

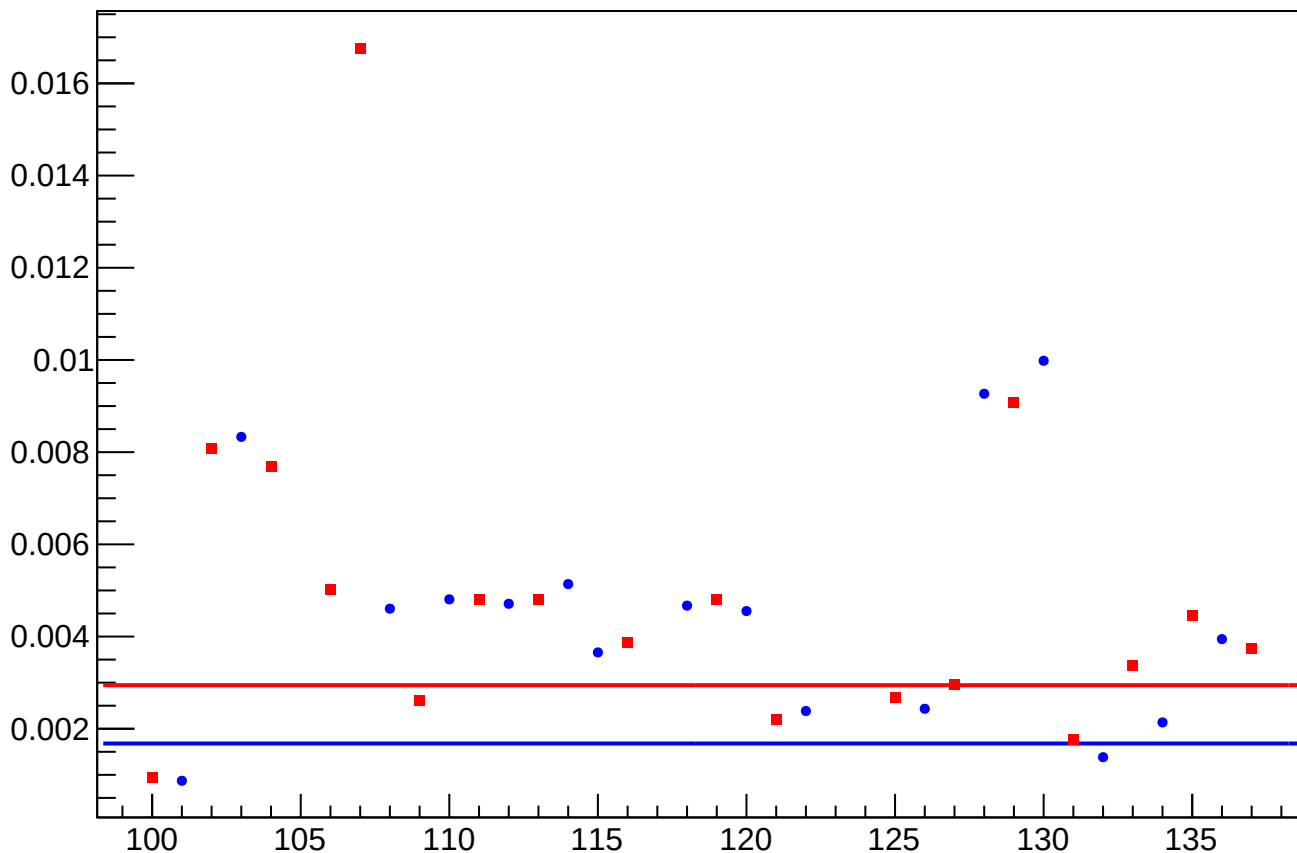
Right: -0.000+/-0.000 χ^2/NDF : 33.6/33

In: -0.000+/-0.000 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.6/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5960235.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3379848.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

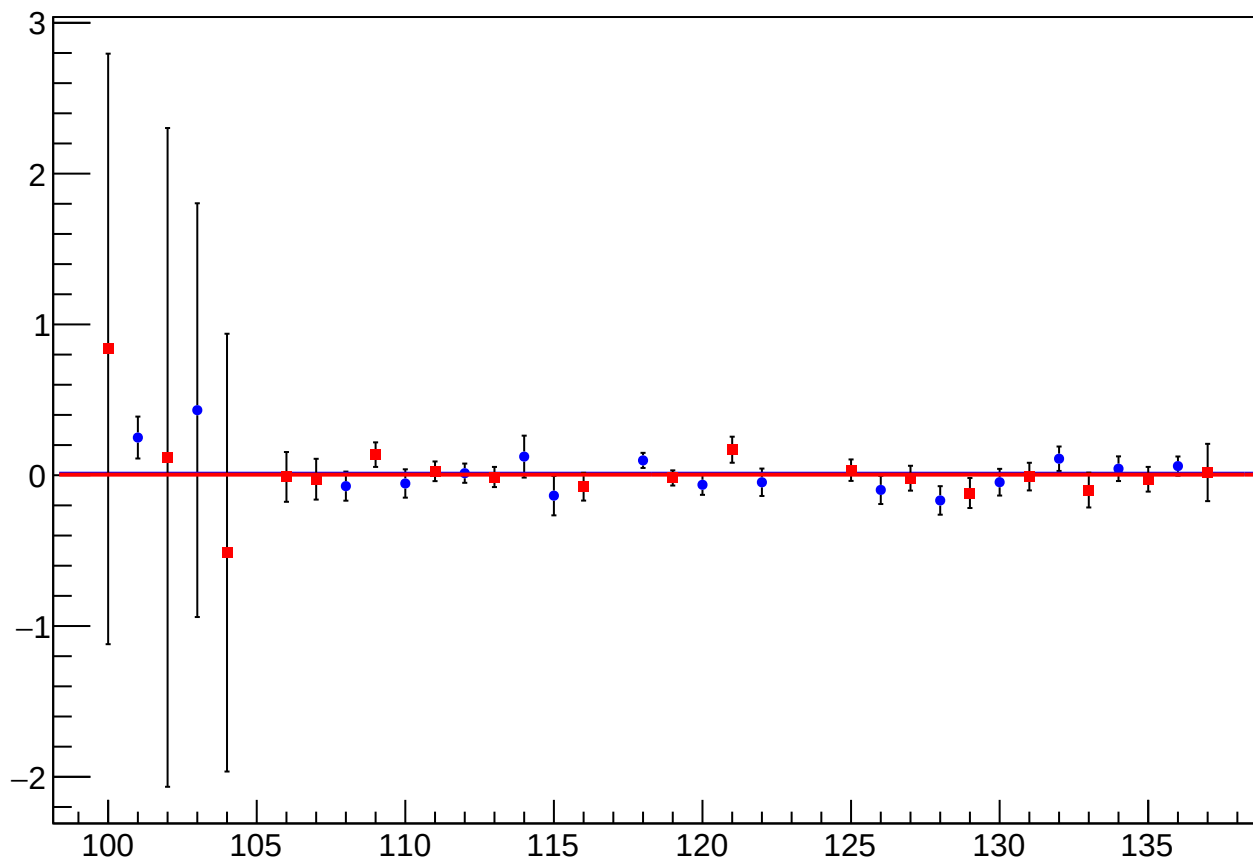
Right: 0.002+/-0.000 χ^2/NDF : 10702272.5/33

In: 0.002+/-0.000 χ^2/NDF :5960235.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10702272.5/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

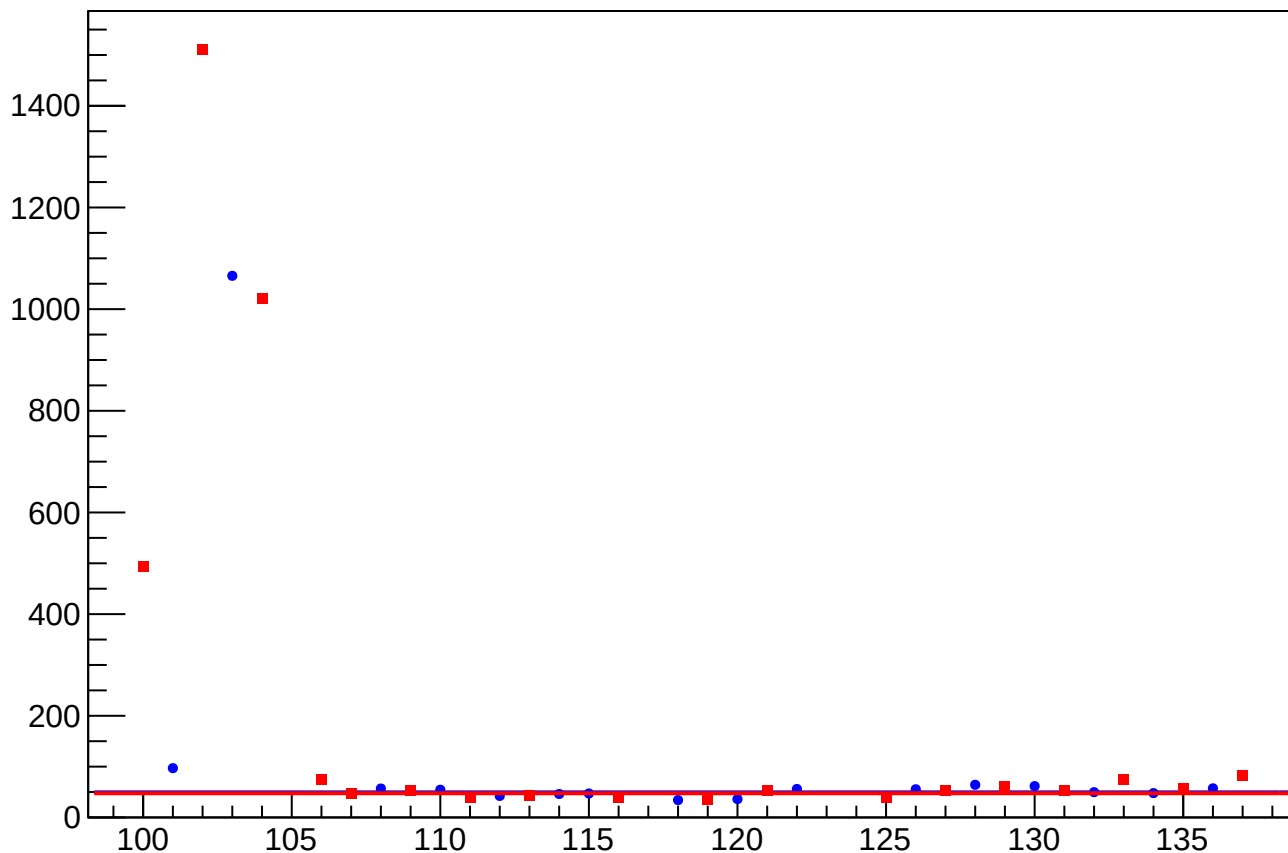
Right: 0.007+/-0.015 χ^2/NDF : 29.0/33

In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.015 χ^2/NDF : 29.0/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.598+/-0.015 χ^2/NDF : 2418253.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

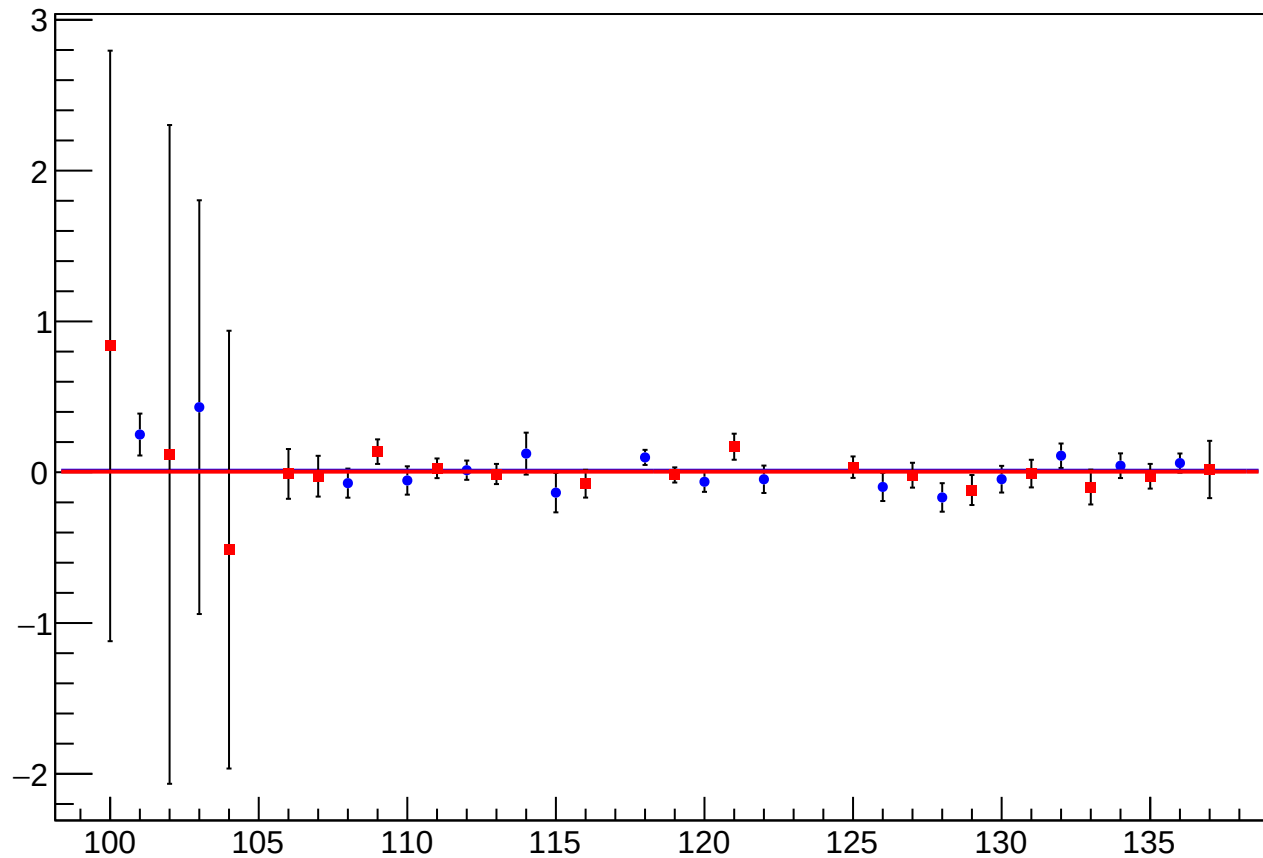
Right: 48.487+/-0.011 χ^2/NDF : 4201863.1/33

In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.487+/-0.011 χ^2/NDF : 4201863.1/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.021 χ^2/NDF : 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

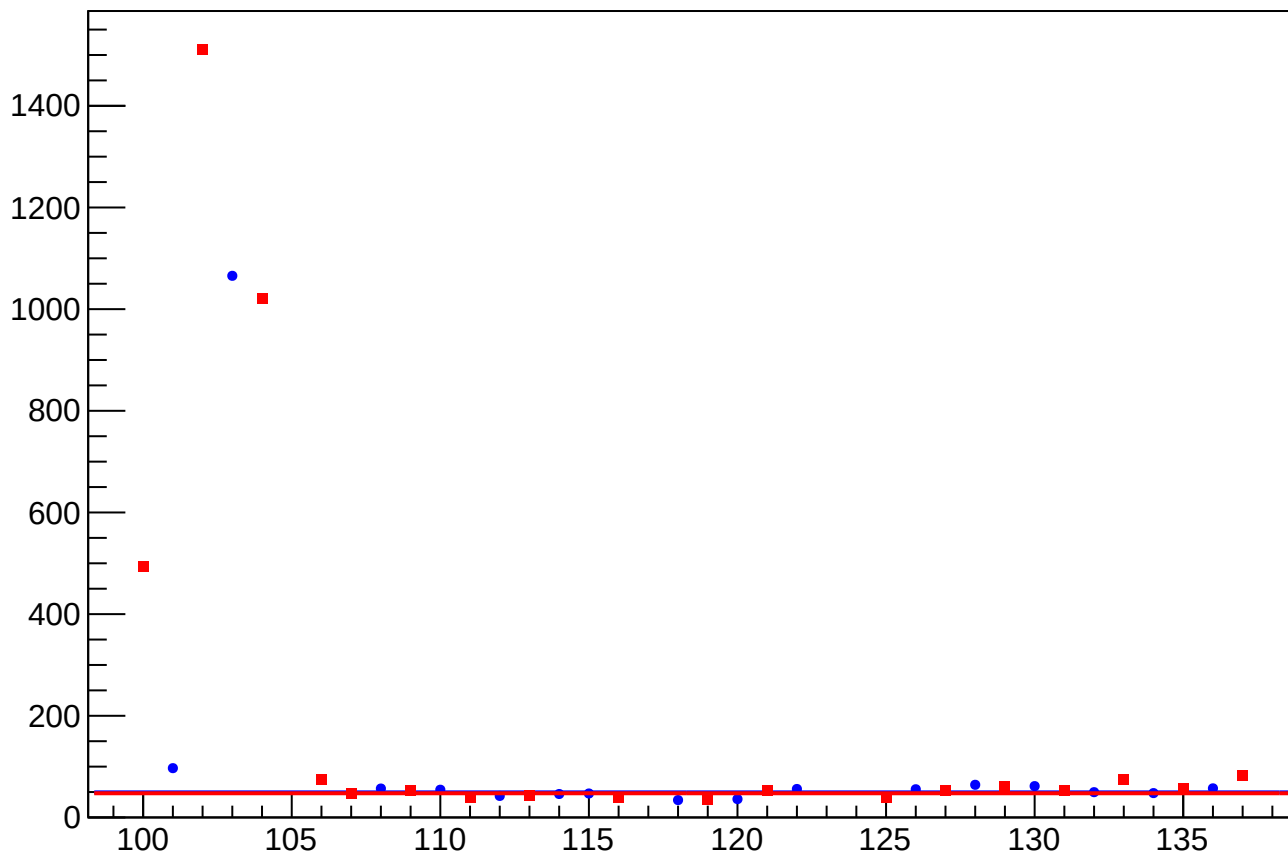
Right: 0.007+/-0.015 χ^2/NDF : 29.0/33

In: 0.010+/-0.021 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.015 χ^2/NDF : 29.0/33

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.598+/-0.015 χ^2/NDF : 2418253.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

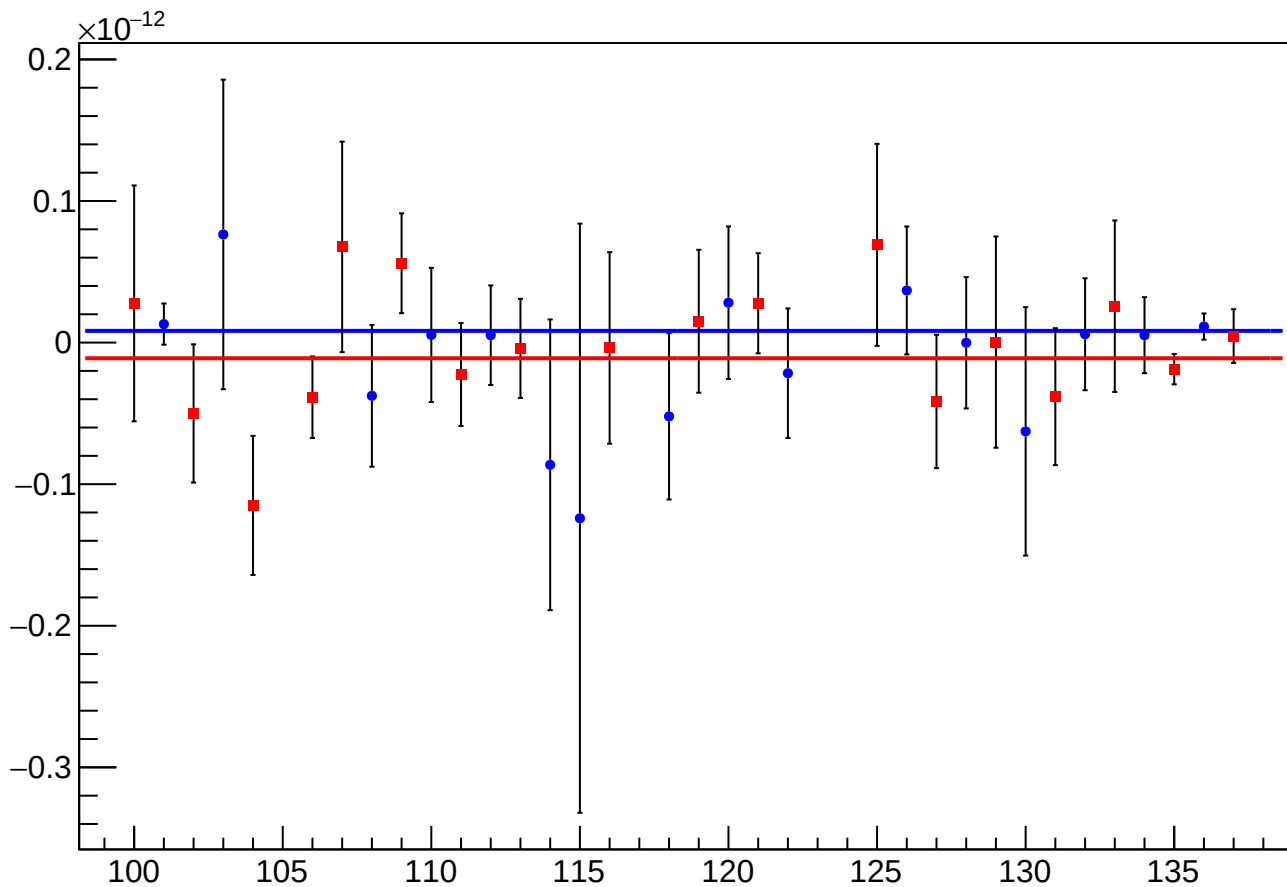
Right: 48.487+/-0.011 χ^2/NDF : 4201863.1/33

In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.487+/-0.011 χ^2/NDF : 4201863.1/33

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

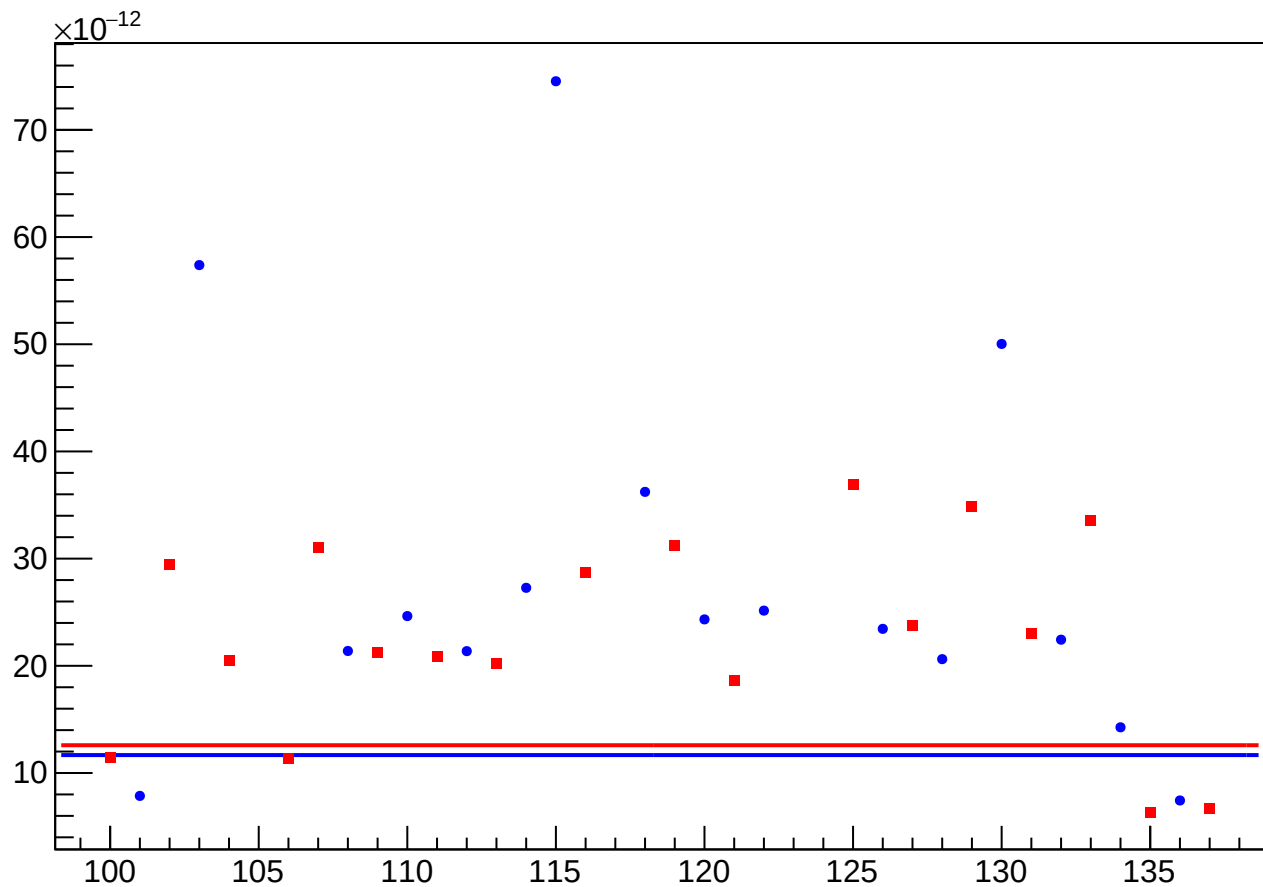
Right: -0.000+/-0.000 χ^2/NDF : 25.5/33

In: 0.000+/-0.000 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/33

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2905247.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2923298.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

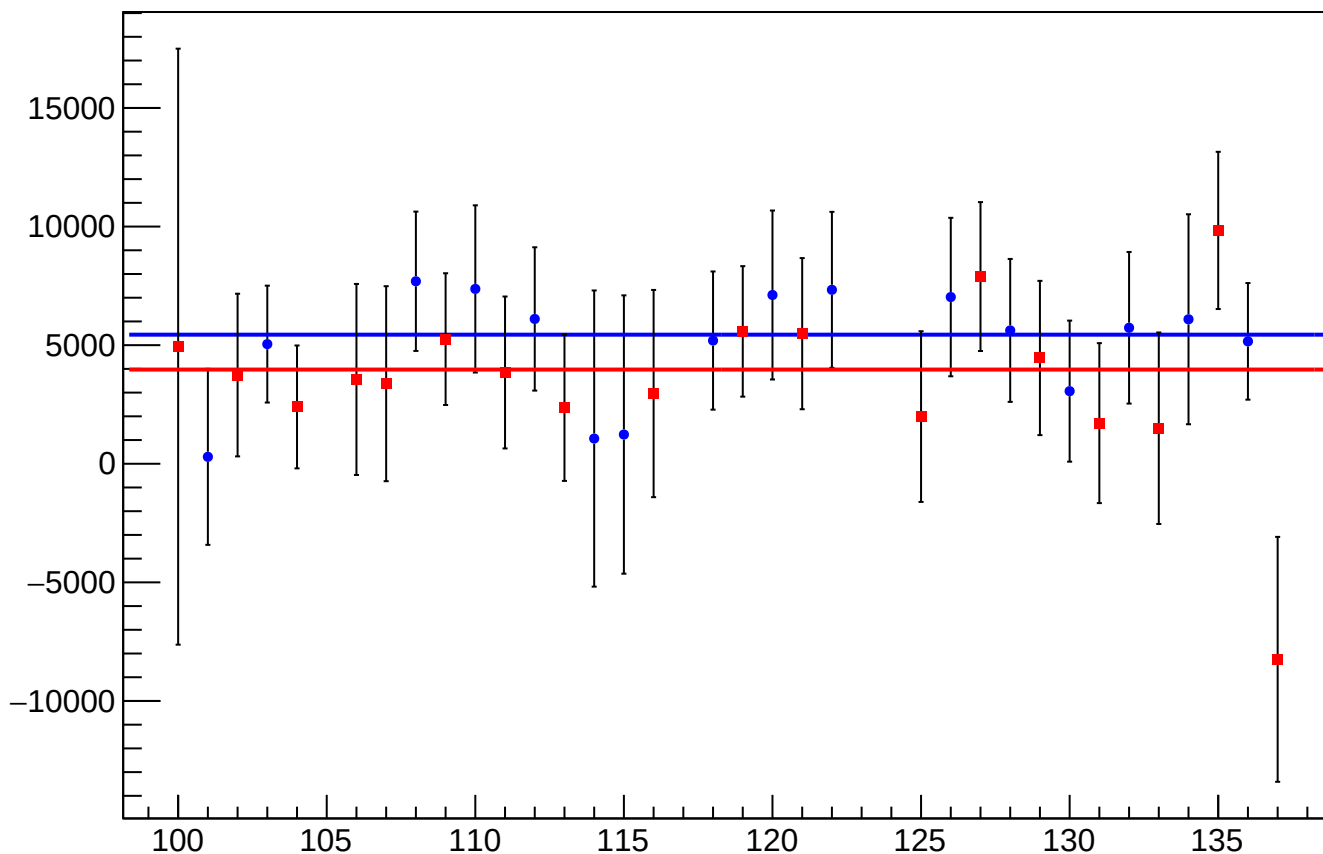
Right: 0.000+/-0.000 χ^2/NDF : 5846038.9/33

In: 0.000+/-0.000 χ^2/NDF : 2905247.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5846038.9/33

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5442.336+/-812.534 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3971.728+/-809.023 χ^2/NDF : 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

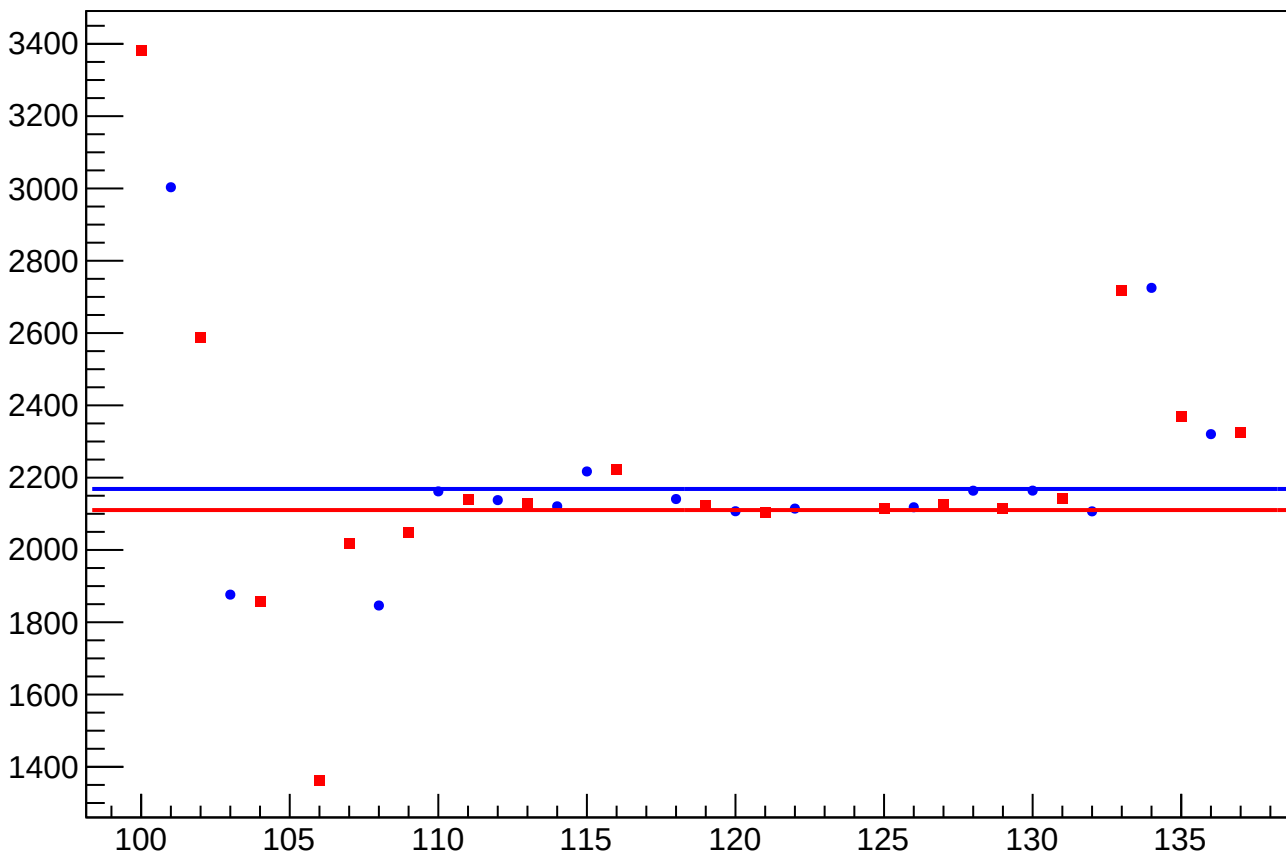
Right: 4703.849+/-573.303 χ^2/NDF : 20.0/33

In: 5442.336+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4703.849+/-573.303 χ^2/NDF : 20.0/33

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2168.715+/-0.575 χ^2/NDF : 195659.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2110.365+/-0.563 χ^2/NDF : 267413.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

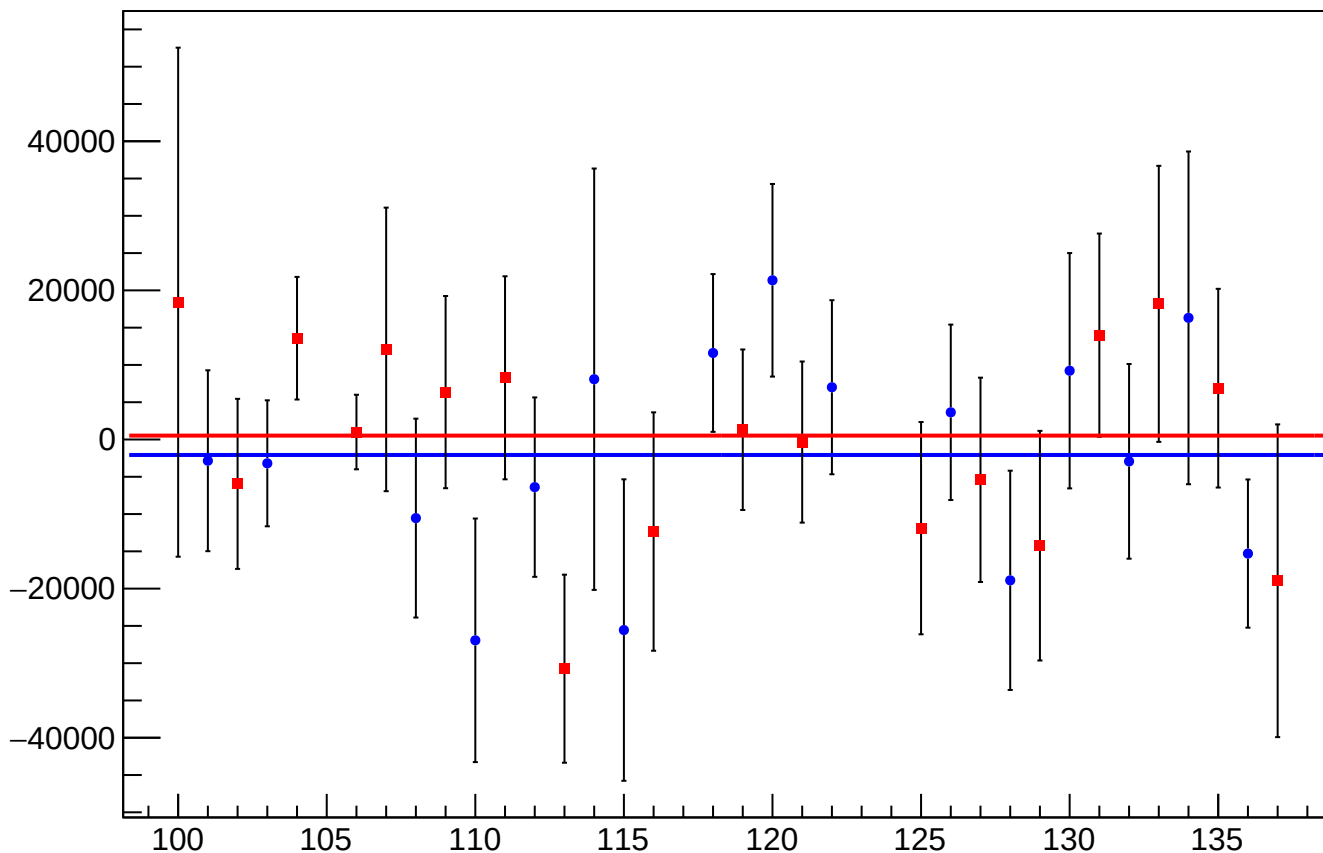
Right: 2138.947+/-0.402 χ^2/NDF : 468334.9/33

In: 2168.715+/-0.575 χ^2/NDF : 195659.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2138.947+/-0.402 χ^2/NDF : 468334.9/33

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -2074.843+/-3212.093 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 521.454+/-2715.587 χ^2/NDF : 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

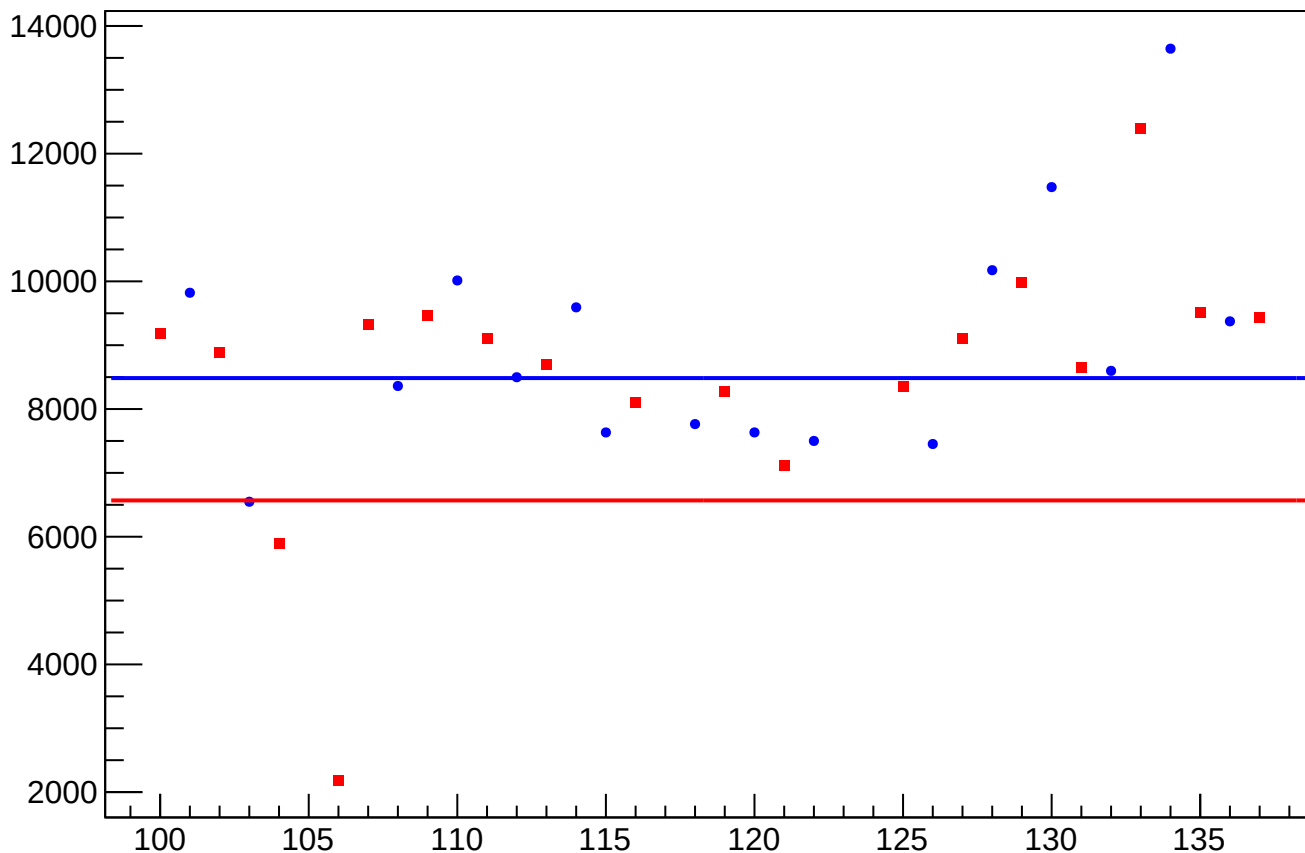
Right: -560.742+/-2073.786 χ^2/NDF : 30.5/33

In: -2074.843+/-3212.093 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -560.742+/-2073.786 χ^2/NDF : 30.5/33

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 8485.000+/-2.271 χ^2/NDF : 422706.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6568.711+/-1.920 χ^2/NDF : 2568887.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

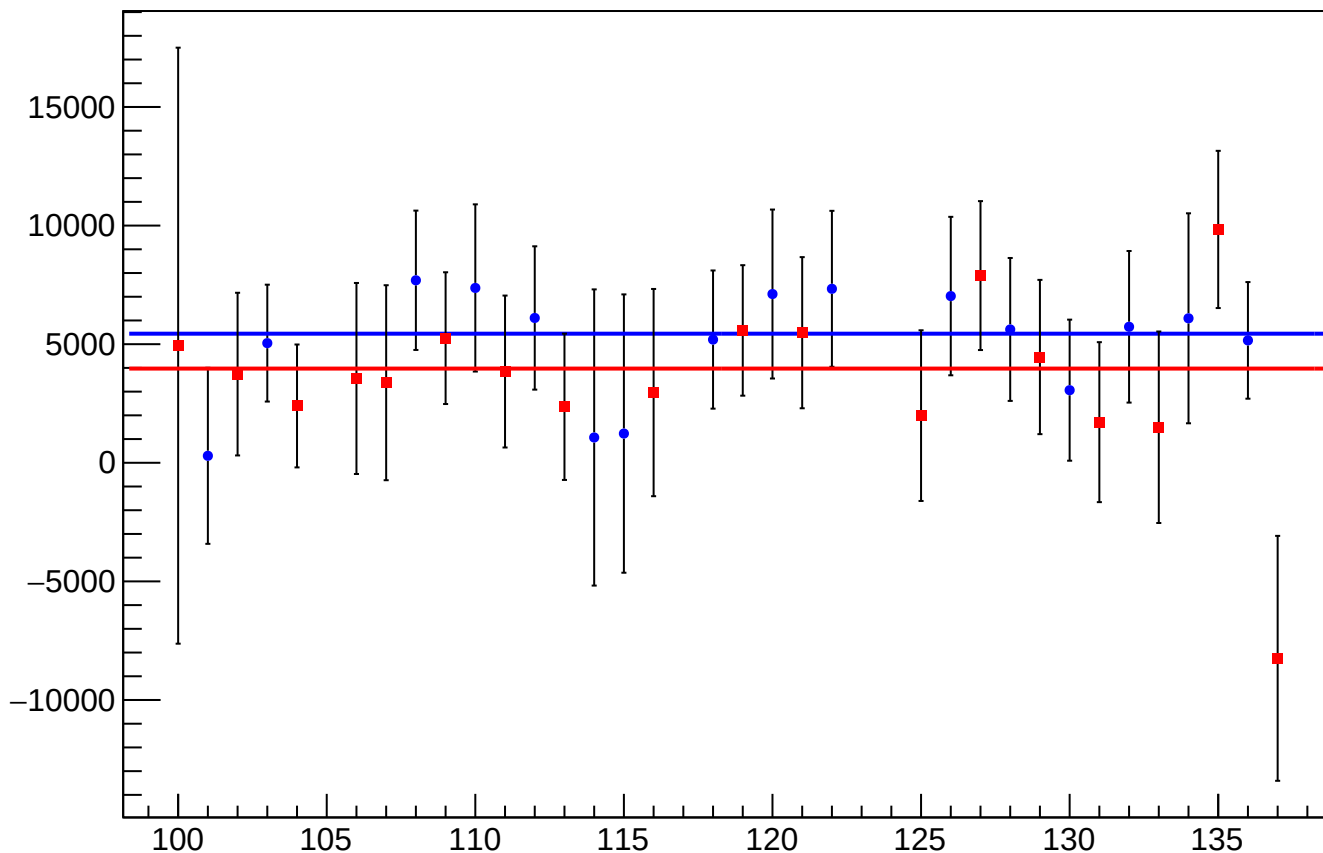
Right: 7367.464+/-1.466 χ^2/NDF : 3406715.7/33

In: 8485.000+/-2.271 χ^2/NDF : 422706.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7367.464+/-1.466 χ^2/NDF : 3406715.7/33

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3971.470+/-809.023 χ^2/NDF : 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

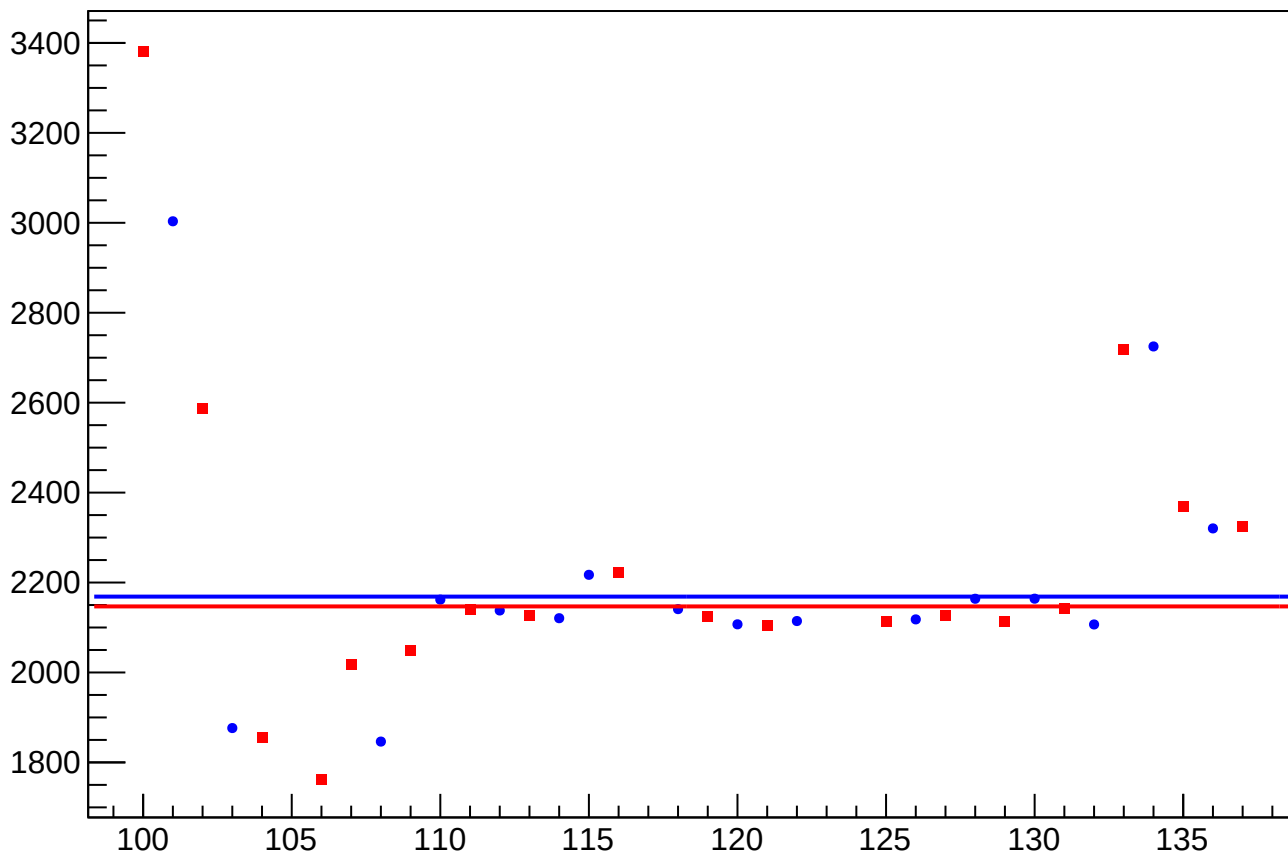
Right: 4703.790+/-573.303 χ^2/NDF : 20.0/33

In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4703.790+/-573.303 χ^2/NDF : 20.0/33

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2146.888+/-0.569 χ^2/NDF : 157750.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

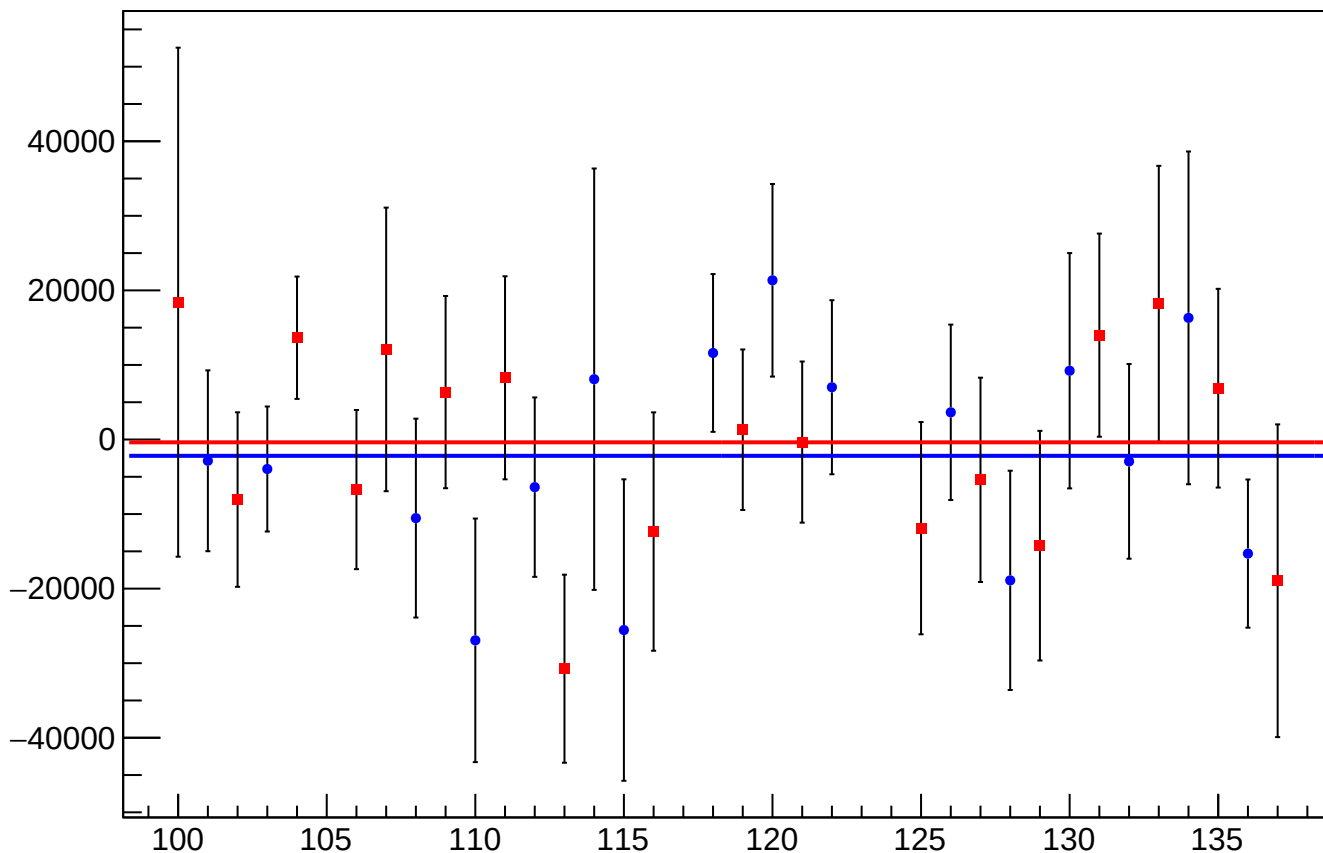
Right: 2157.700+/-0.404 χ^2/NDF : 354138.9/33

In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2157.700+/-0.404 χ^2/NDF : 354138.9/33

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.236+/-3099.953 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

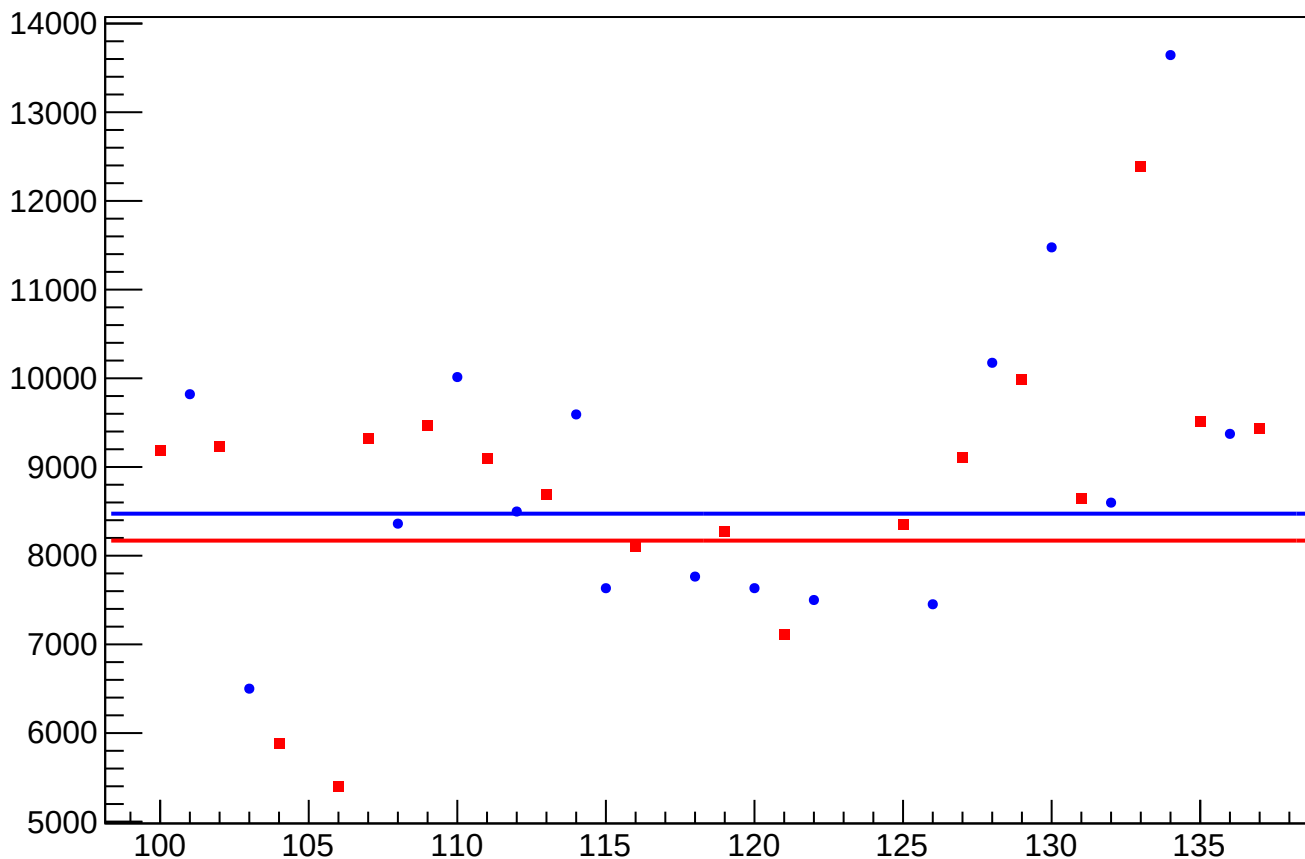
Right: -1253.105+/-2229.393 χ^2/NDF : 30.9/33

In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1253.105+/-2229.393 χ^2/NDF : 30.9/33

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8170.027+/-2.192 χ^2/NDF : 539925.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

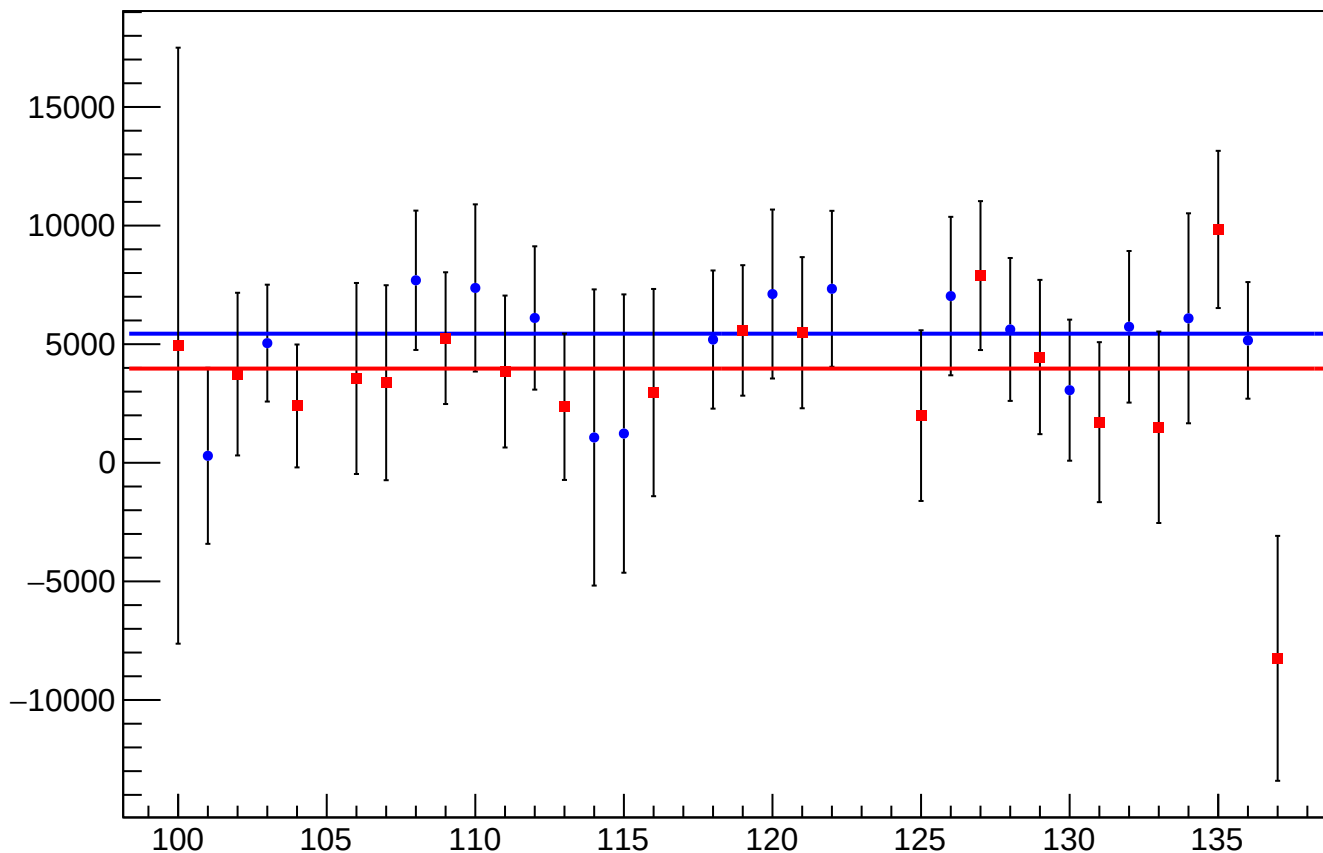
Right: 8316.660+/-1.576 χ^2/NDF : 978741.7/33

In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8316.660+/-1.576 χ^2/NDF : 978741.7/33

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3971.470+/-809.023 χ^2/NDF : 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

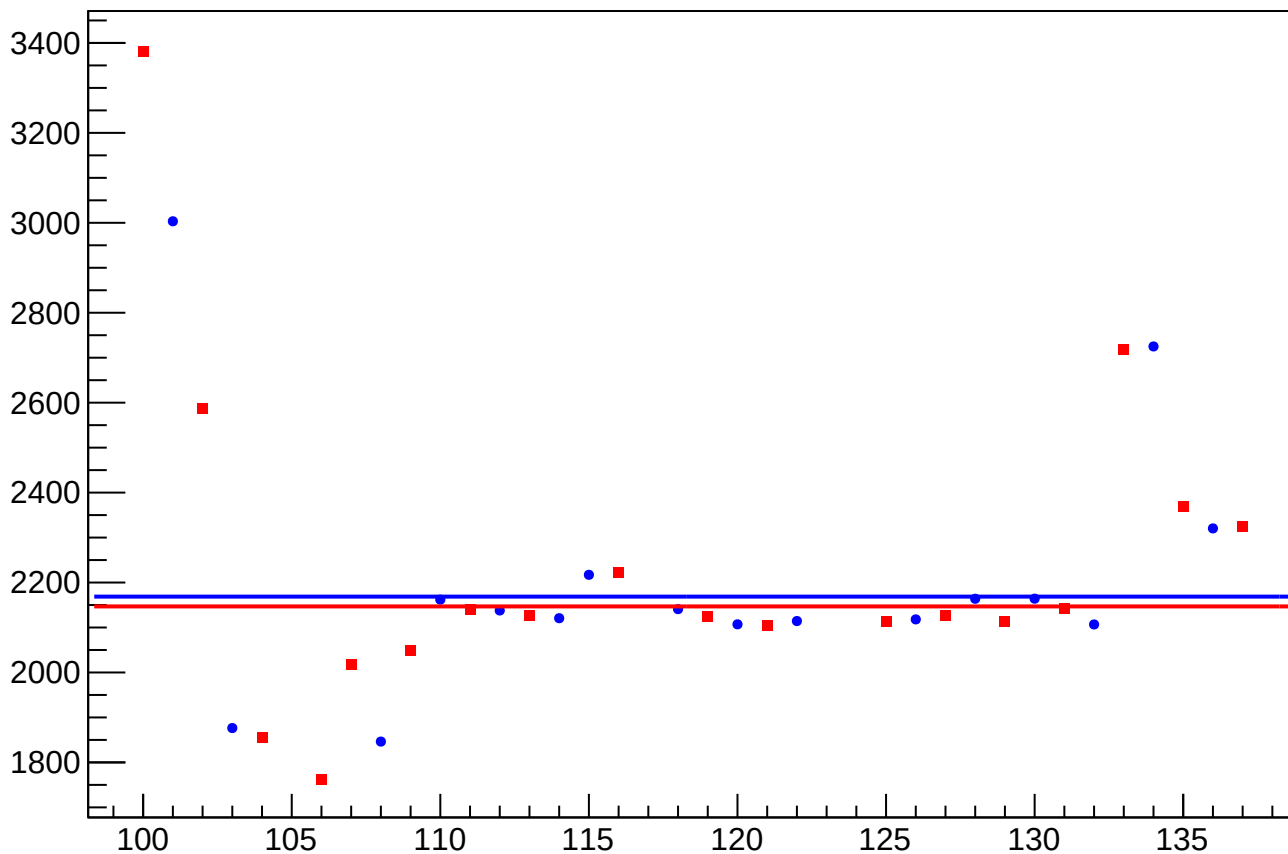
Right: 4703.790+/-573.303 χ^2/NDF : 20.0/33

In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4703.790+/-573.303 χ^2/NDF : 20.0/33

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2146.888+/-0.569 χ^2/NDF : 157750.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

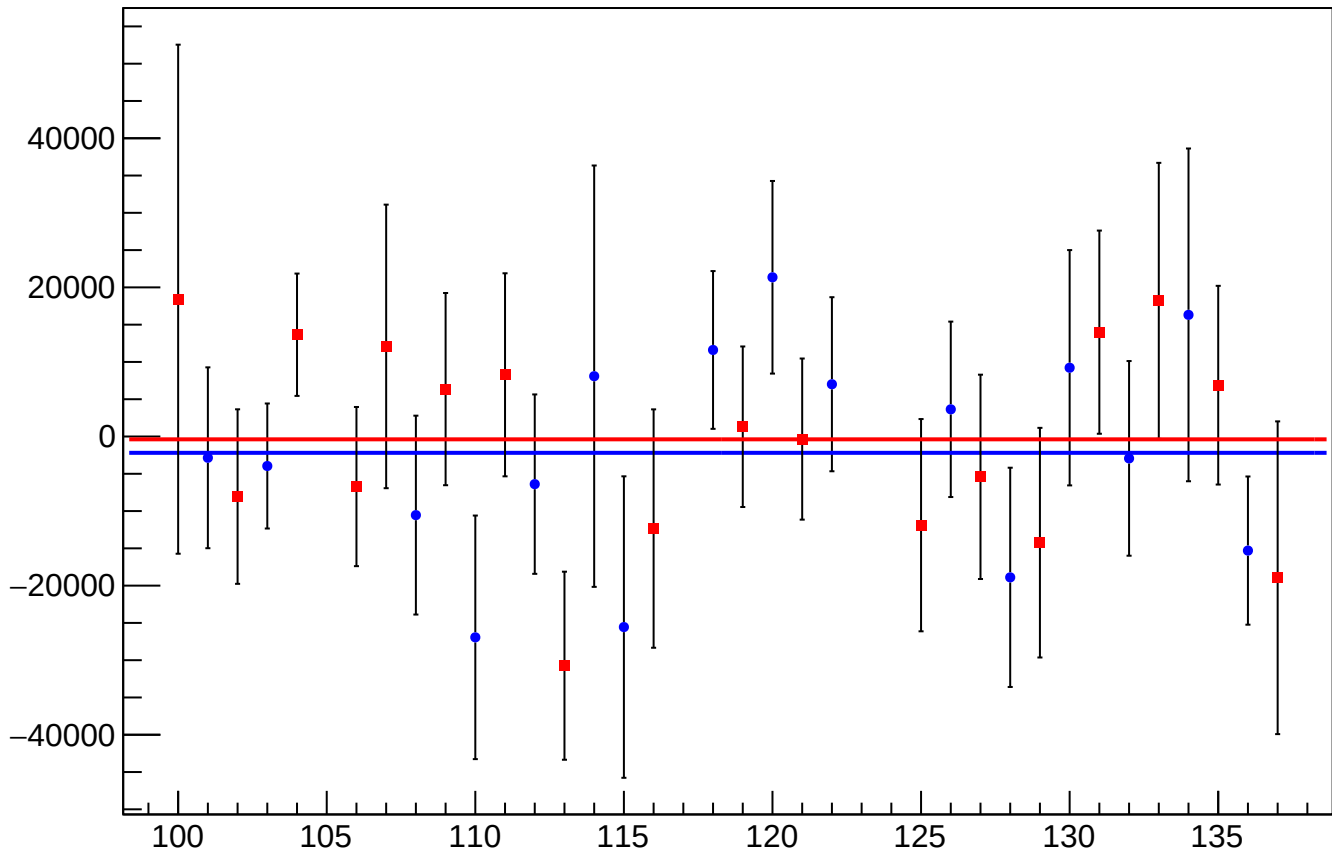
Right: 2157.700+/-0.404 χ^2/NDF : 354138.9/33

In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2157.700+/-0.404 χ^2/NDF : 354138.9/33

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -379.236+/-3099.953 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

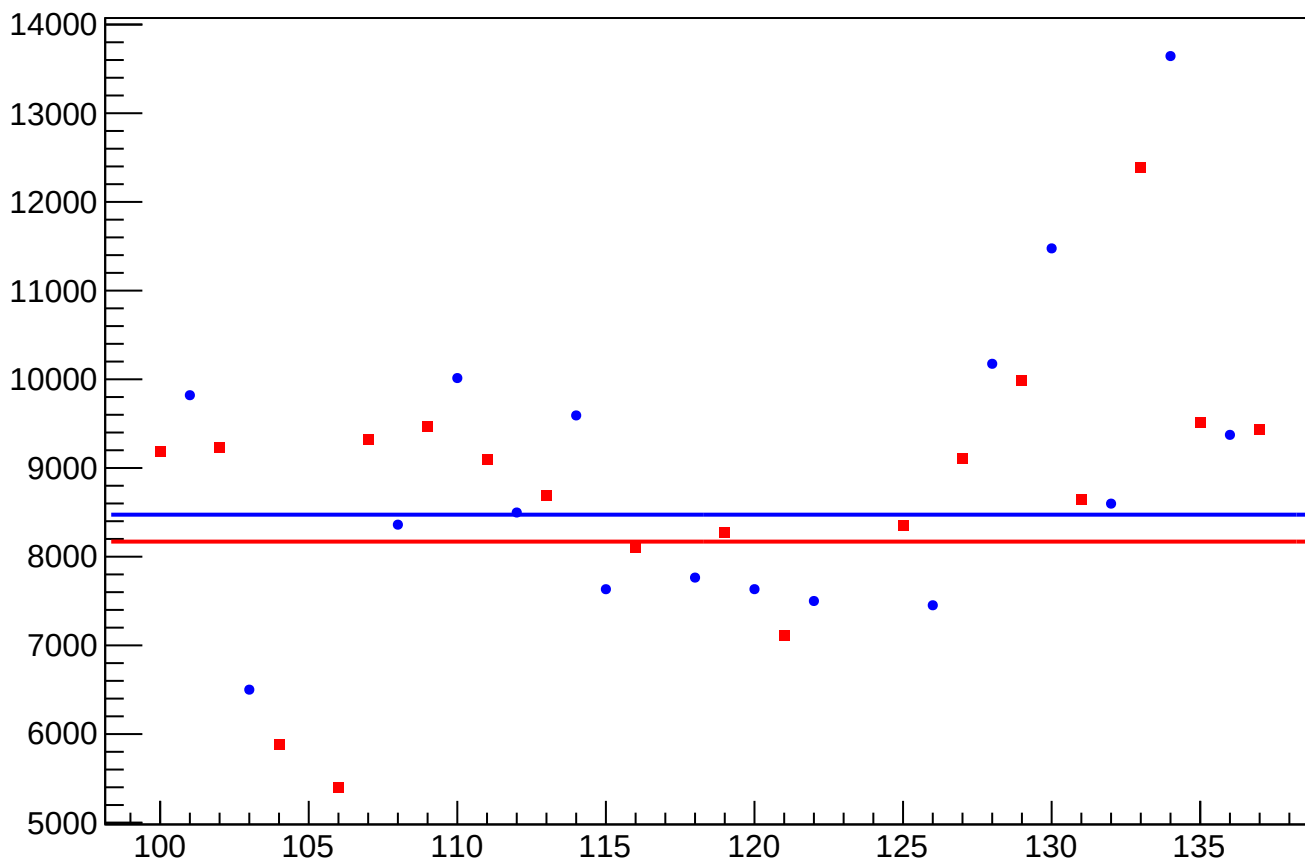
Right: -1253.105+/-2229.393 χ^2/NDF : 30.9/33

In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1253.105+/-2229.393 χ^2/NDF : 30.9/33

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8170.027+/-2.192 χ^2/NDF : 539925.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

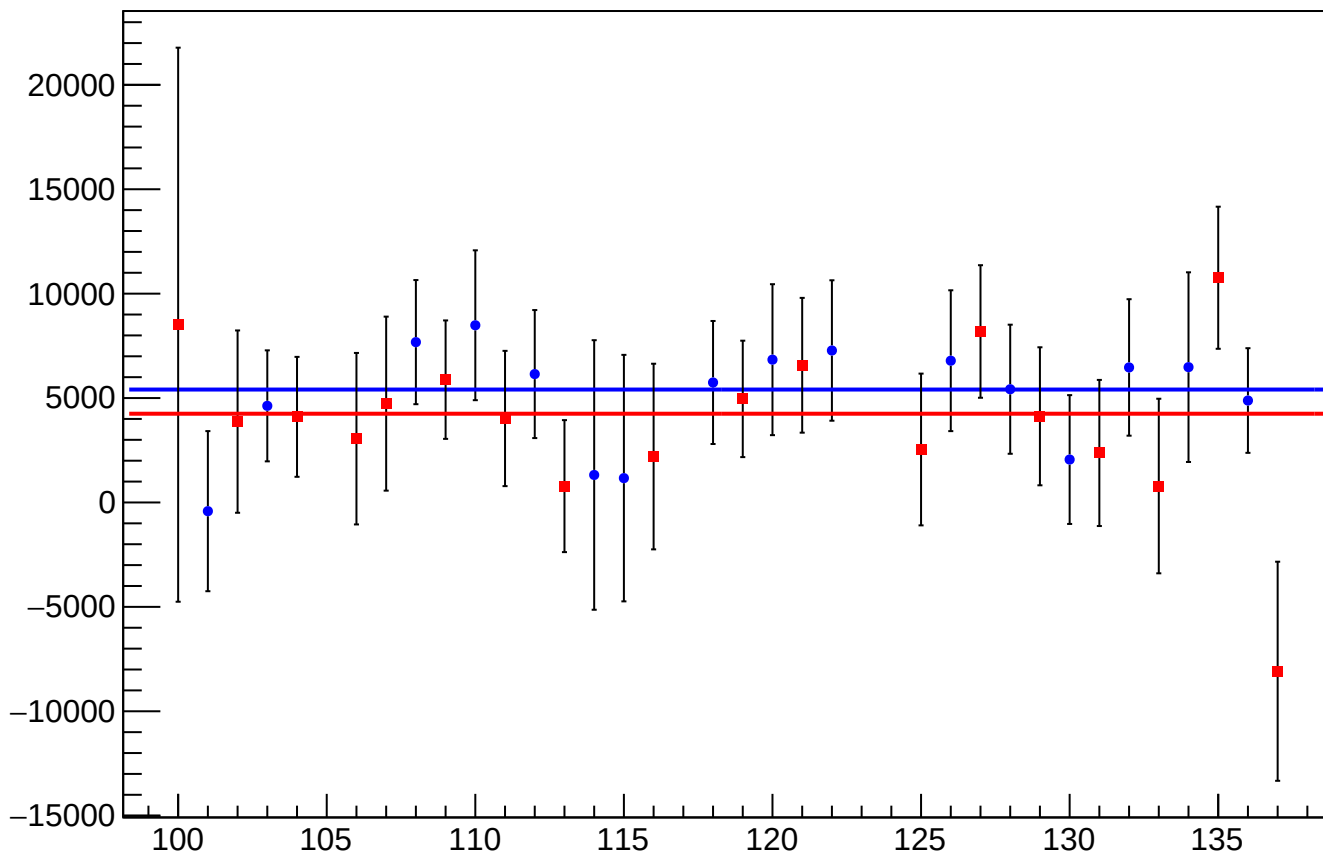
Right: 8316.660+/-1.576 χ^2/NDF : 978741.7/33

In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8316.660+/-1.576 χ^2/NDF : 978741.7/33

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5407.867 $\pm$ 833.689 χ^2 /NDF: 6.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4249.899 $\pm$ 839.336 χ^2 /NDF: 14.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

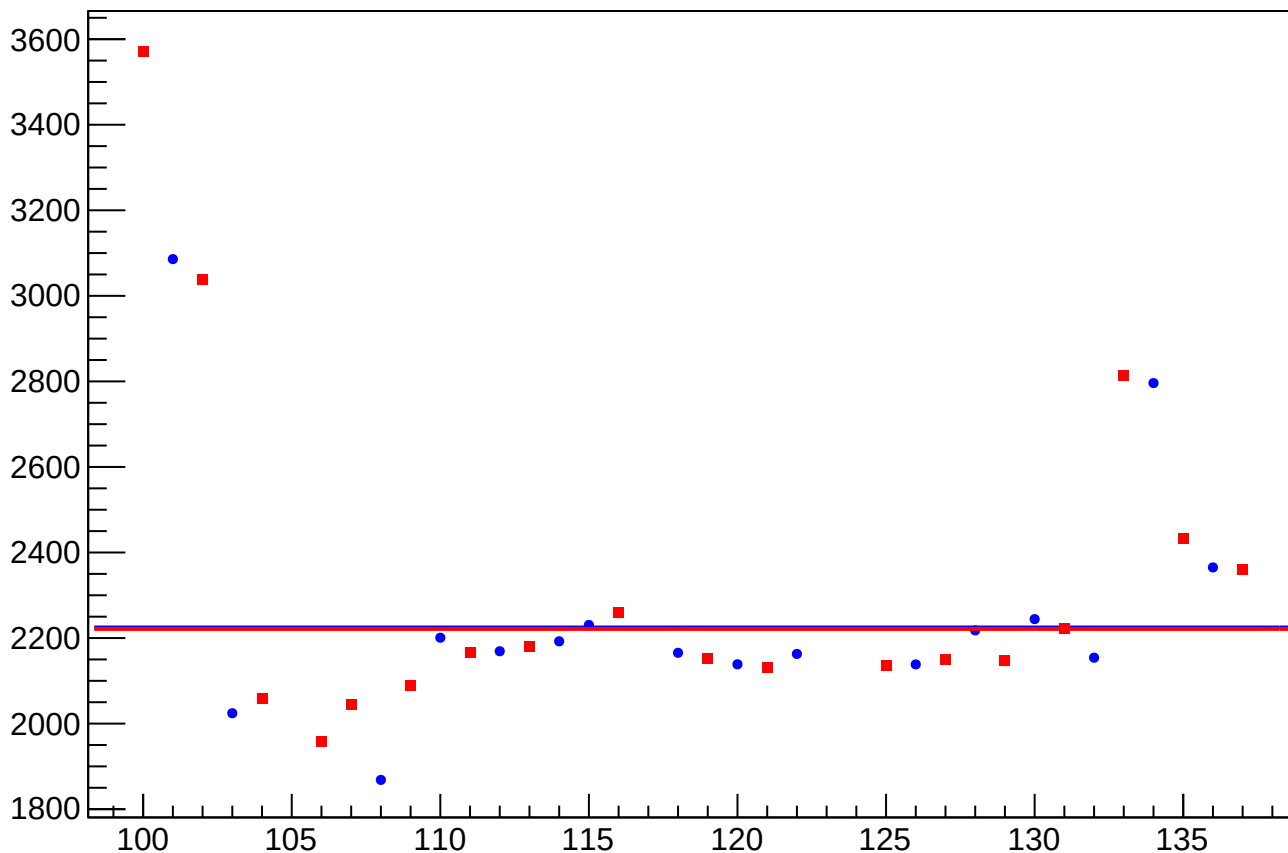
Right: 4832.791 $\pm$ 591.493 χ^2 /NDF: 22.2/33

In: 5407.867 $\pm$ 833.689 χ^2 /NDF:6.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4832.791 $\pm$ 591.493 χ^2 /NDF: 22.2/33

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2224.614+/-0.590 χ^2/NDF : 184679.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2221.425+/-0.593 χ^2/NDF : 169944.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

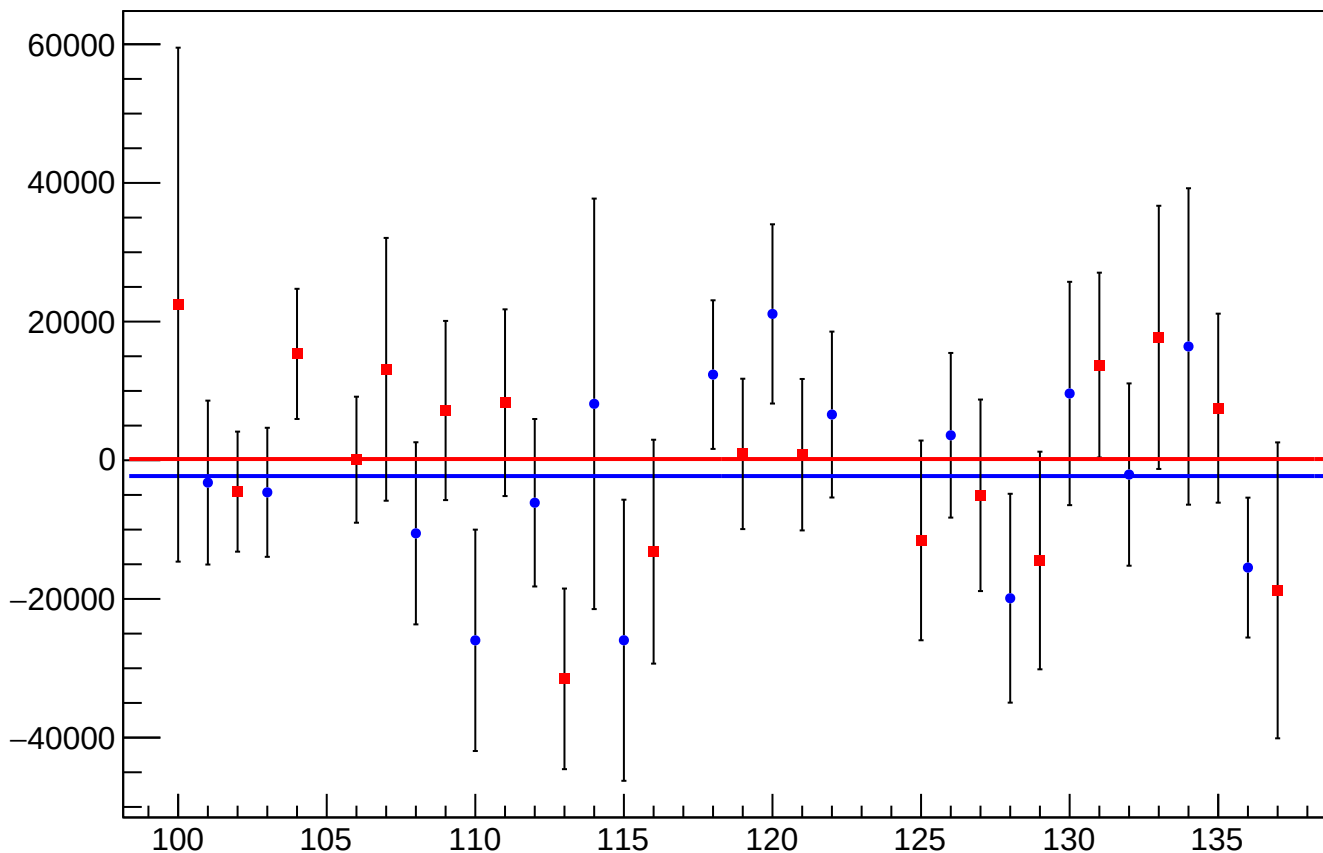
Right: 2223.029+/-0.418 χ^2/NDF : 354638.7/33

In: 2224.614+/-0.590 χ^2/NDF : 184679.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.029+/-0.418 χ^2/NDF : 354638.7/33

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -2278.440+/-3271.750 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.024+/-3035.355 χ^2/NDF : 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

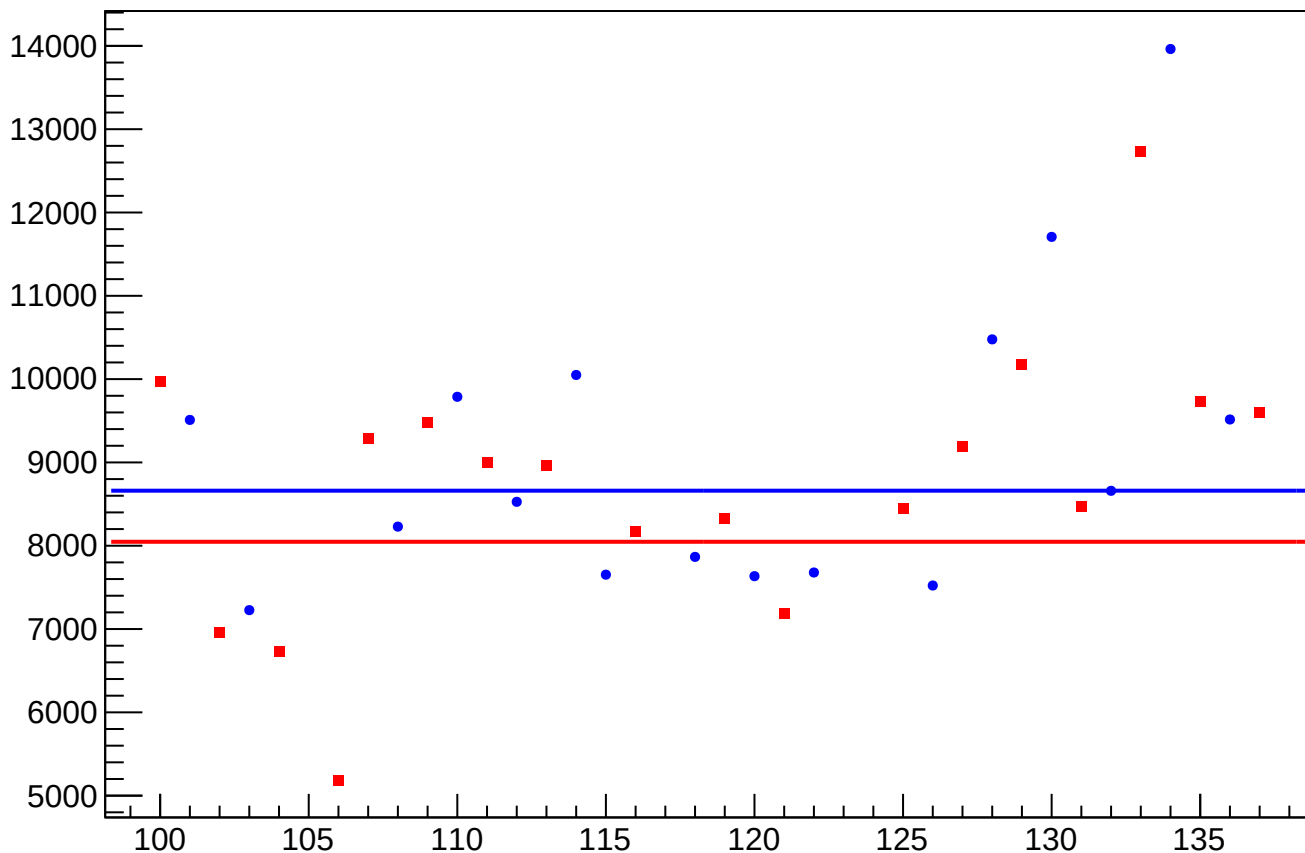
Right: -958.805+/-2225.203 χ^2/NDF : 30.4/33

In: -2278.440+/-3271.750 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.805+/-2225.203 χ^2/NDF : 30.4/33

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 8660.733+/-2.313 χ^2/NDF : 357961.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8047.460+/-2.146 χ^2/NDF : 558559.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

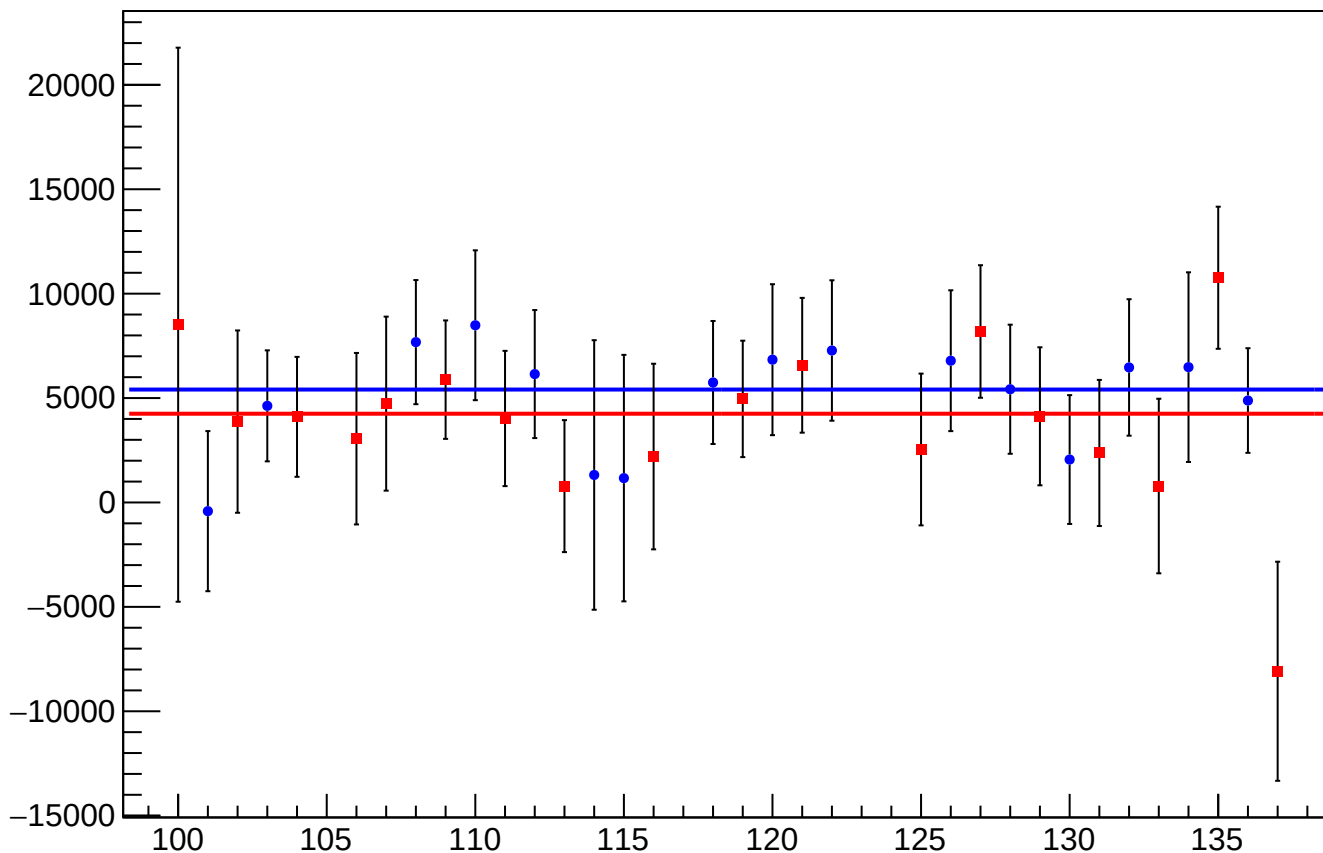
Right: 8331.143+/-1.573 χ^2/NDF : 954287.2/33

In: 8660.733+/-2.313 χ^2/NDF : 357961.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8331.143+/-1.573 χ^2/NDF : 954287.2/33

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5407.869+/-833.688 χ^2/NDF : 6.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4249.903+/-839.335 χ^2/NDF : 14.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

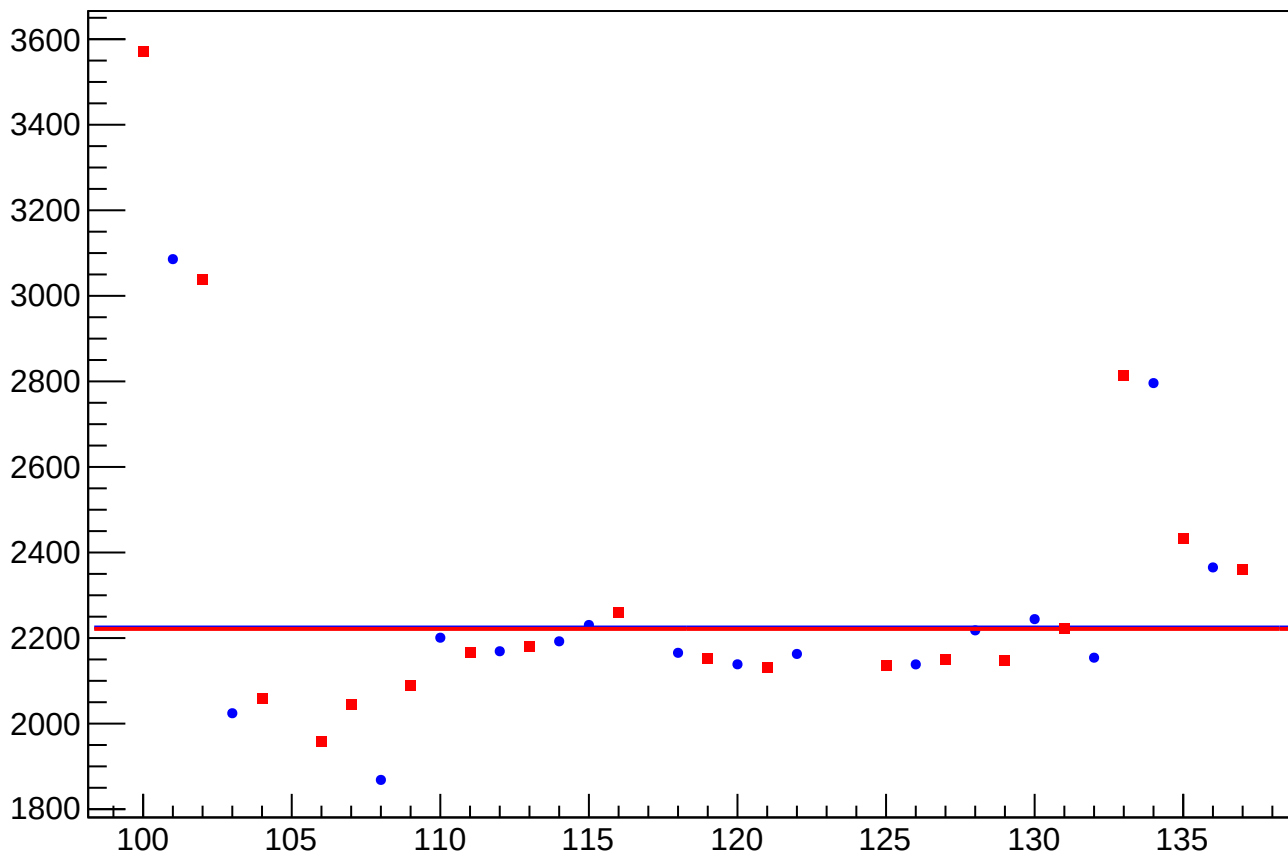
Right: 4832.794+/-591.493 χ^2/NDF : 22.2/33

In: 5407.869+/-833.688 χ^2/NDF : 6.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4832.794+/-591.493 χ^2/NDF : 22.2/33

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2224.613+/-0.590 χ^2/NDF : 184680.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2221.425+/-0.593 χ^2/NDF : 169944.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

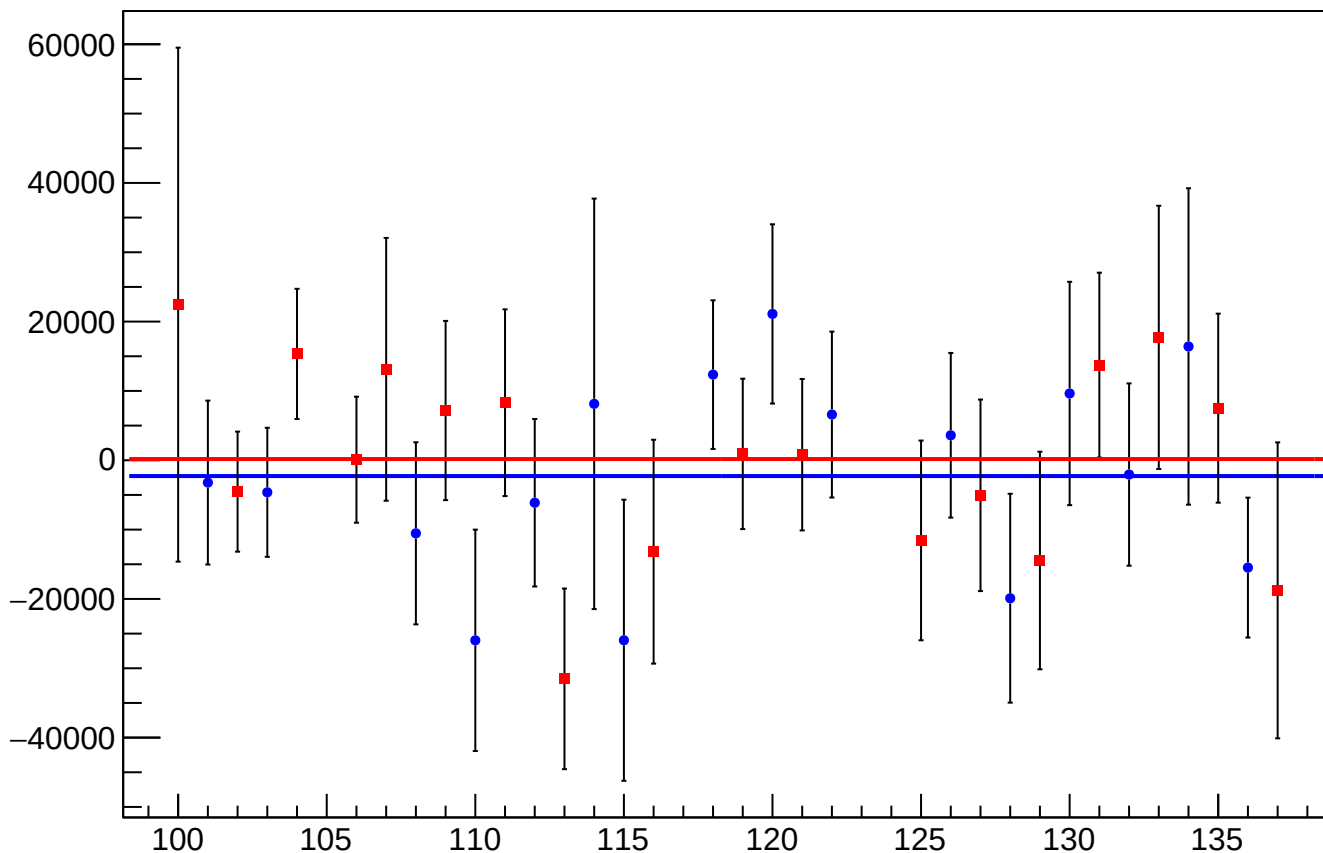
Right: 2223.029+/-0.418 χ^2/NDF : 354639.0/33

In: 2224.613+/-0.590 χ^2/NDF : 184680.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2223.029+/-0.418 χ^2/NDF : 354639.0/33

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2278.418+/-3271.742 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.029+/-3035.348 χ^2/NDF : 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

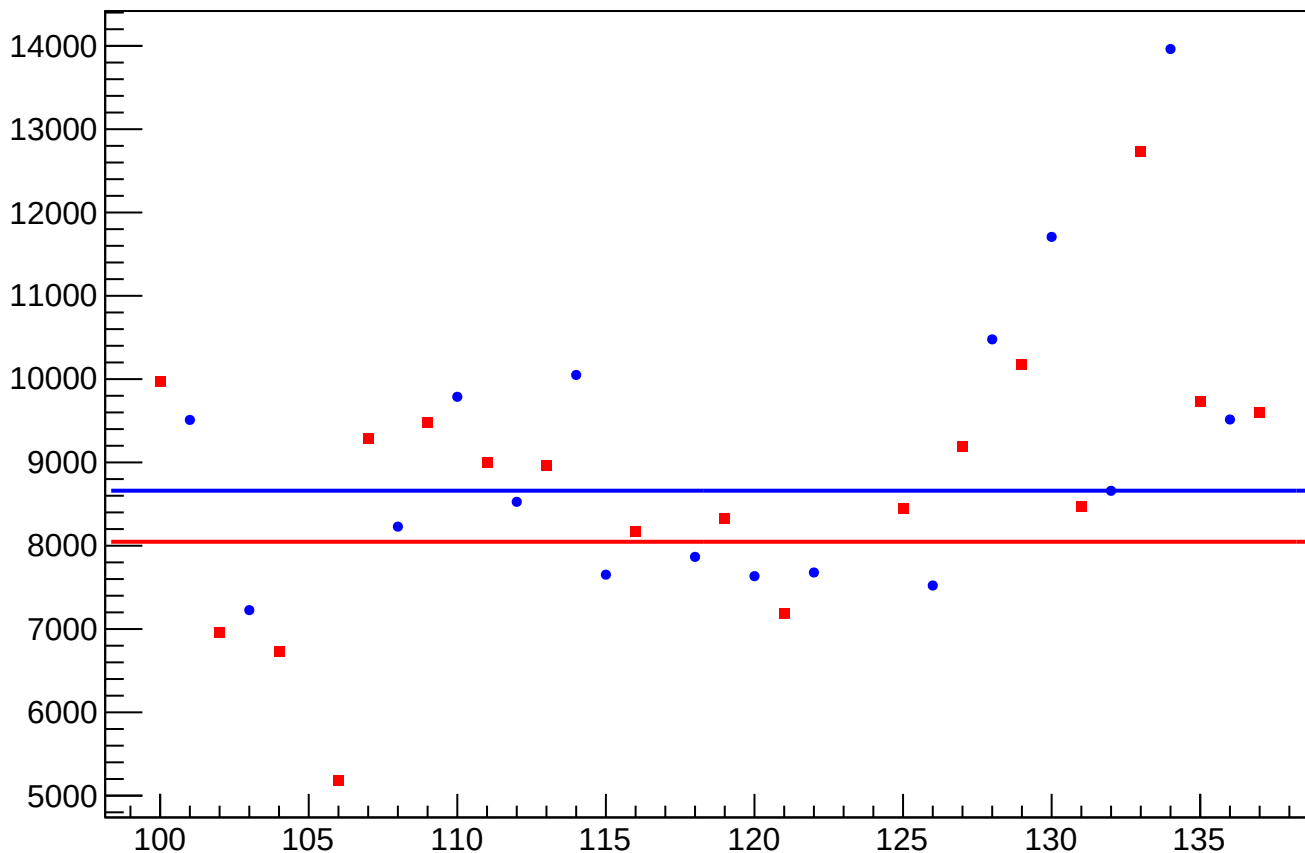
Right: -958.792+/-2225.198 χ^2/NDF : 30.4/33

In: -2278.418+/-3271.742 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -958.792+/-2225.198 χ^2/NDF : 30.4/33

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 8660.711+/-2.313 χ^2/NDF : 357964.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8047.442+/-2.146 χ^2/NDF : 558557.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

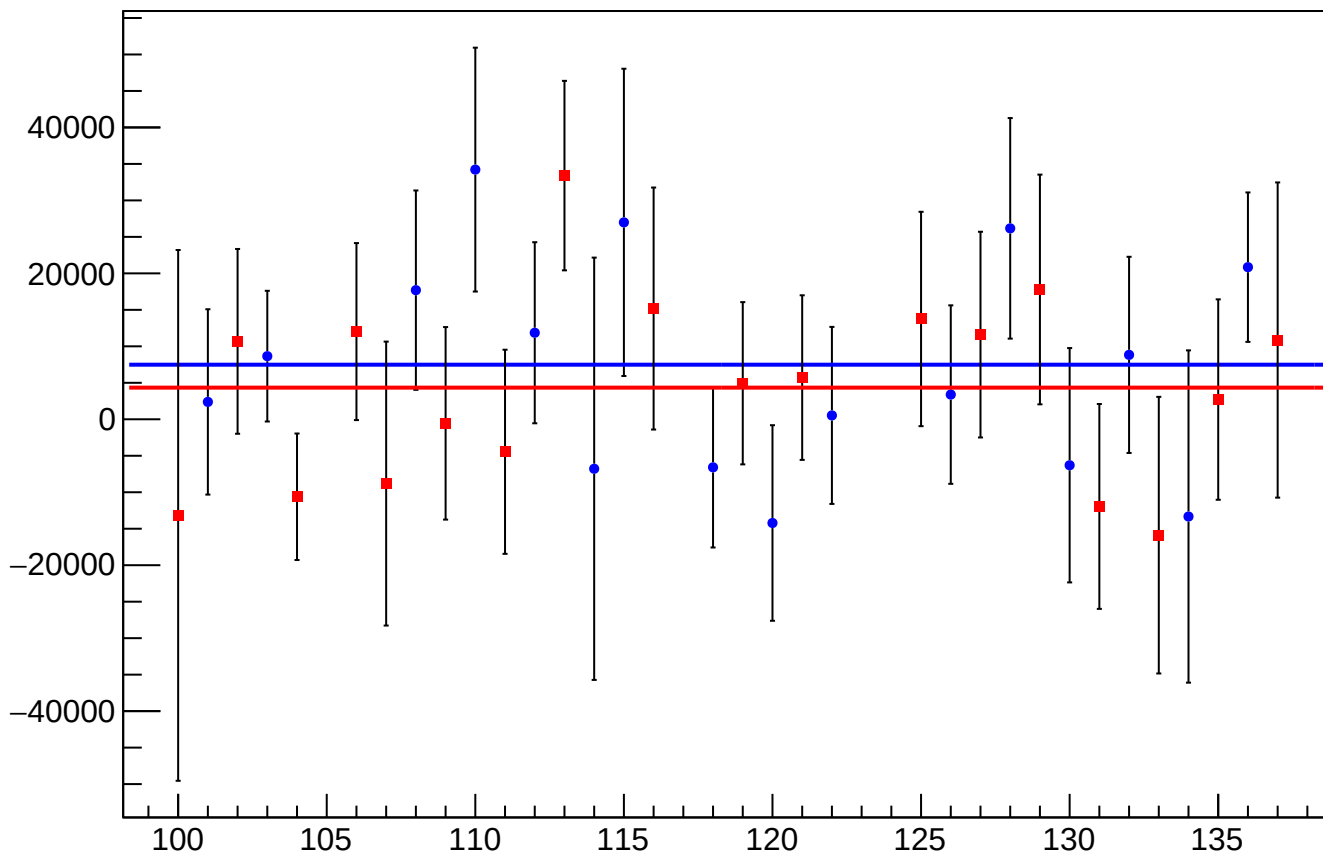
Right: 8331.123+/-1.573 χ^2/NDF : 954287.4/33

In: 8660.711+/-2.313 χ^2/NDF : 357964.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8331.123+/-1.573 χ^2/NDF : 954287.4/33

asym_us_avg_at2lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 7481.770+/-3330.915 χ^2/NDF : 14.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4338.165+/-3242.620 χ^2/NDF : 14.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

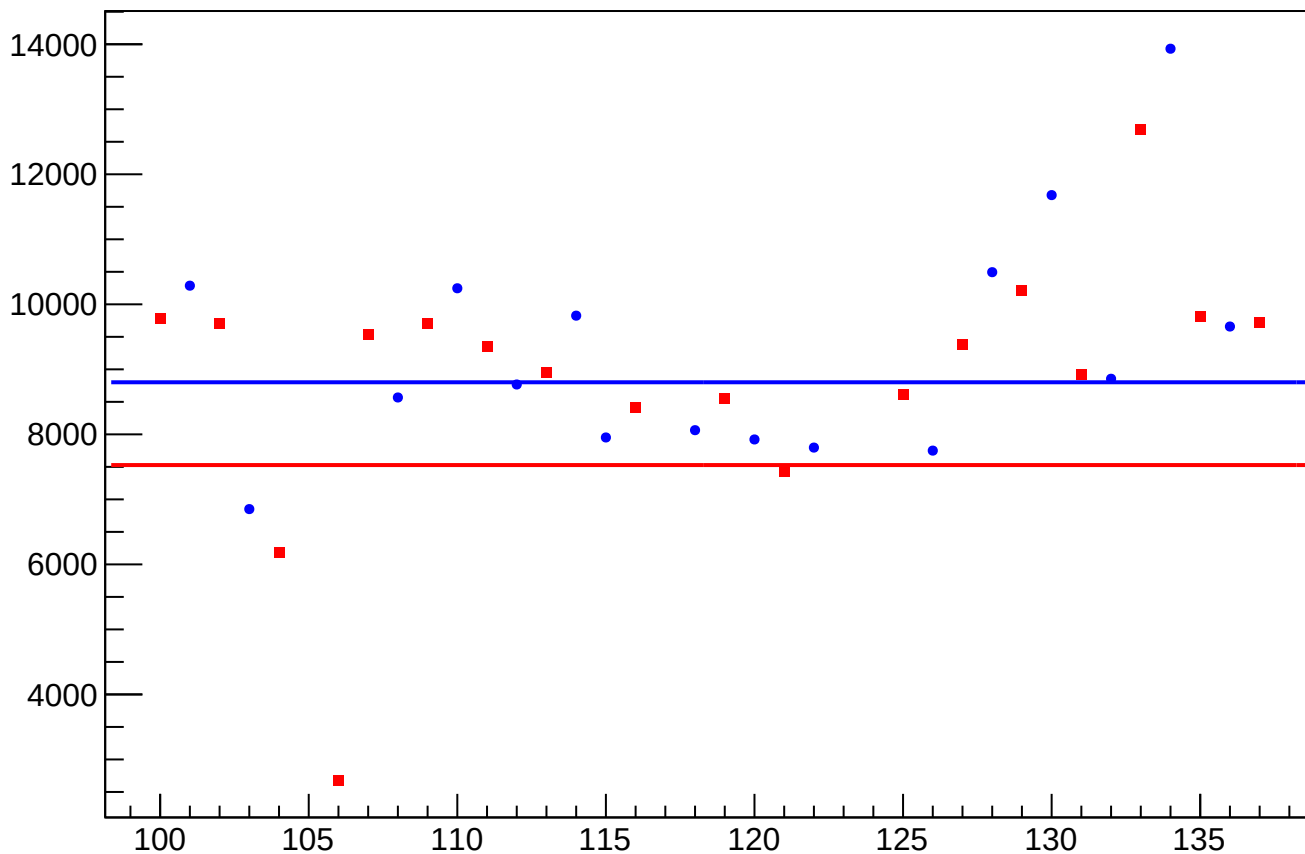
Right: 5867.751+/-2323.467 χ^2/NDF : 28.8/33

In: 7481.770+/-3330.915 χ^2/NDF : 14.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5867.751+/-2323.467 χ^2/NDF : 28.8/33

asym_us_avg_at2lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 8801.075+/-2.355 χ^2/NDF : 394575.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7527.803+/-2.128 χ^2/NDF : 1657299.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

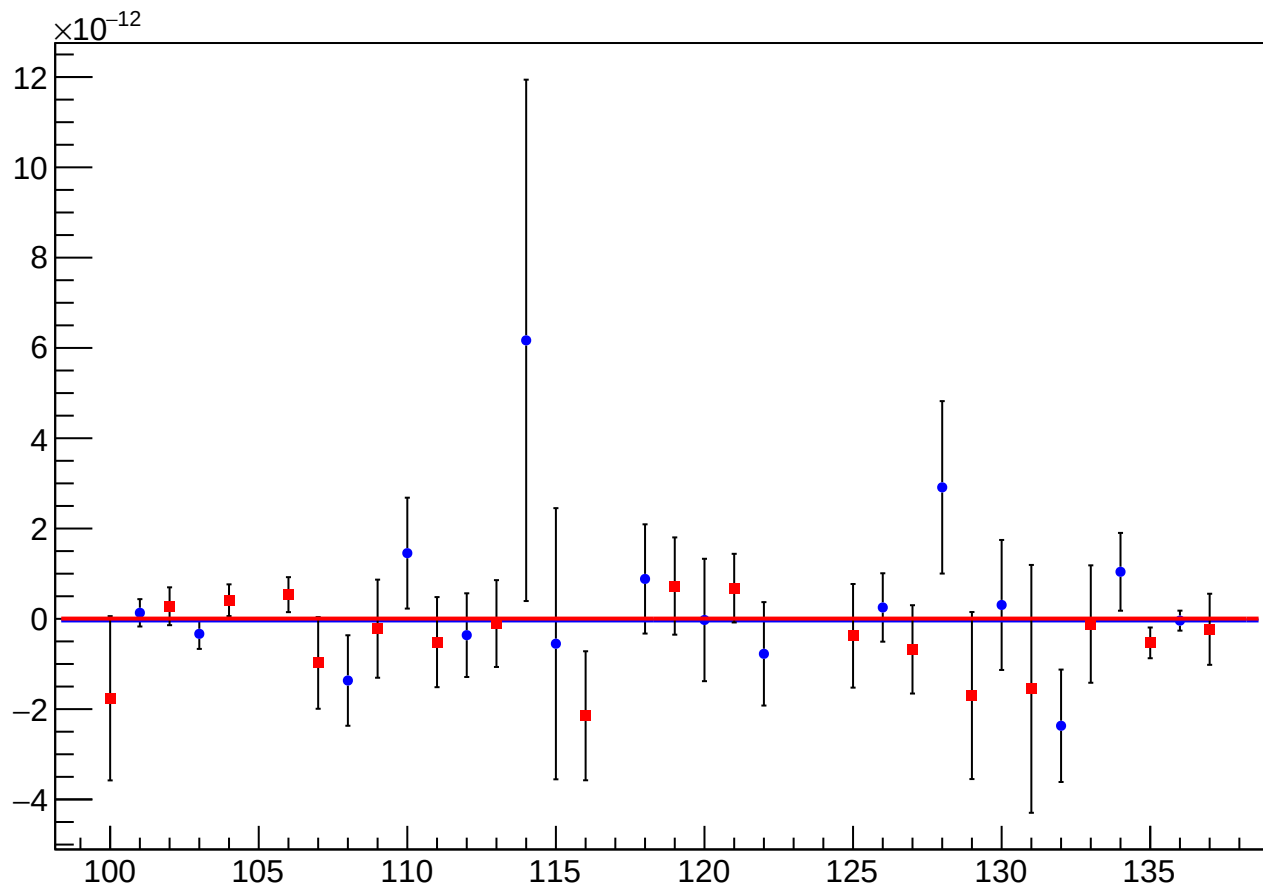
Right: 8100.150+/-1.579 χ^2/NDF : 2212756.1/33

In: 8801.075+/-2.355 χ^2/NDF : 394575.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8100.150+/-1.579 χ^2/NDF : 2212756.1/33

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

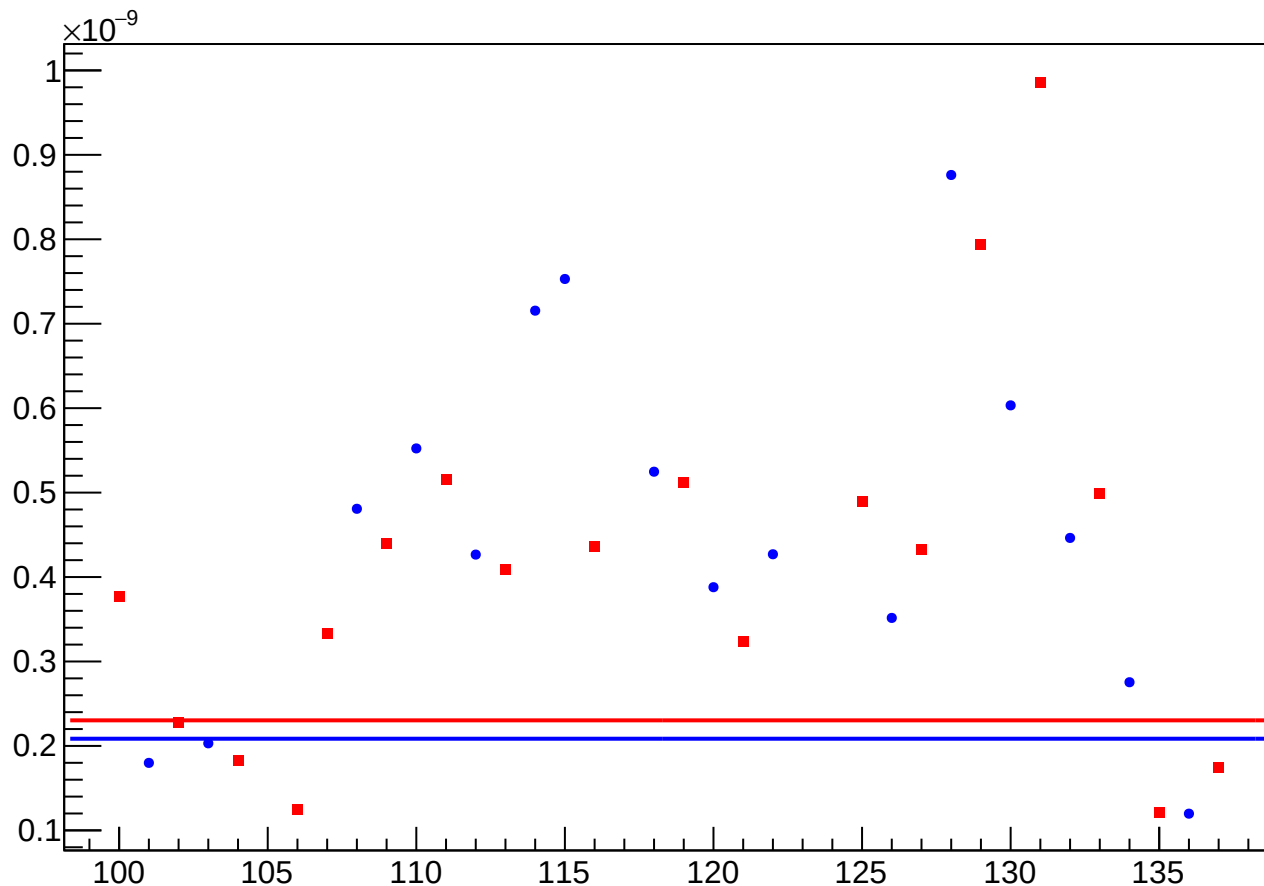
Right: -0.000+/-0.000 χ^2/NDF : 28.1/33

In: -0.000+/-0.000 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/33

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1632322.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1561654.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

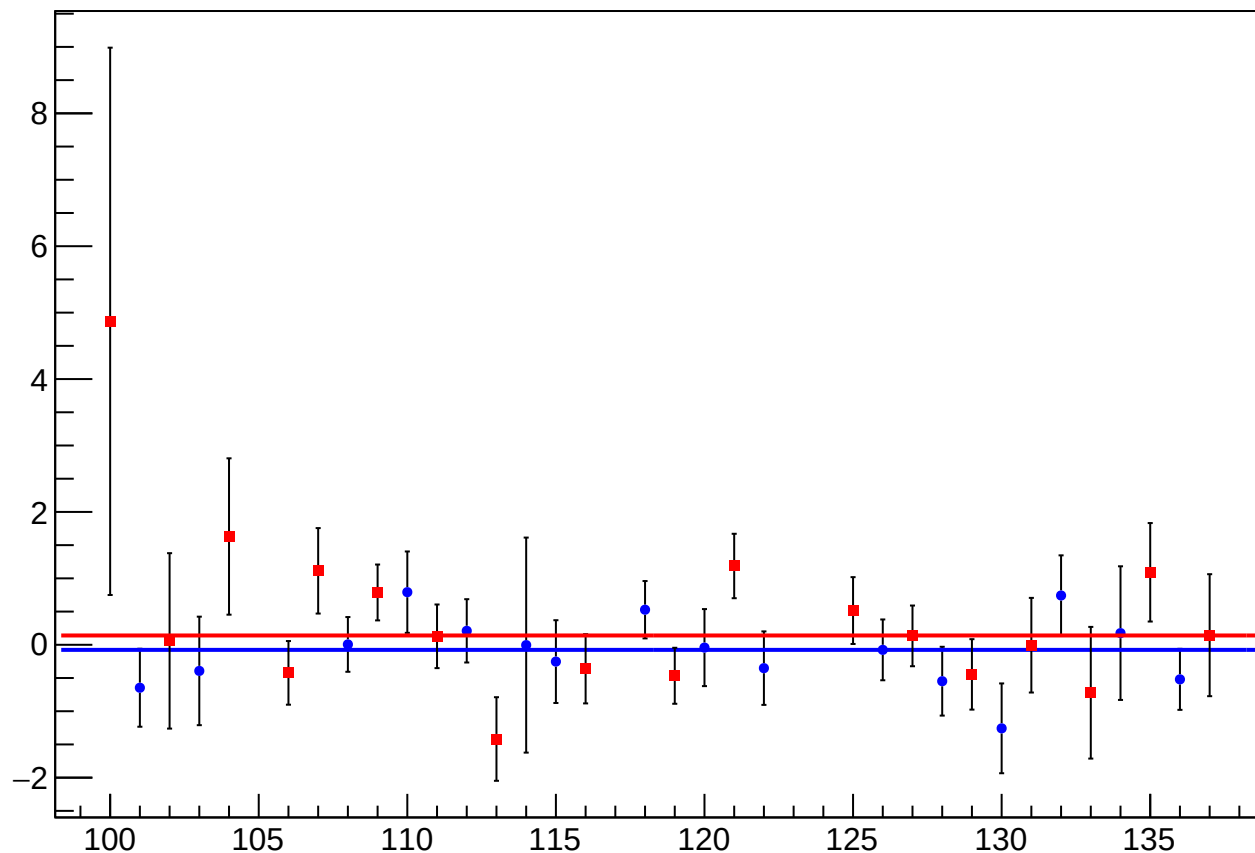
Right: 0.000+/-0.000 χ^2/NDF : 3215206.8/33

In: 0.000+/-0.000 χ^2/NDF : 1632322.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3215206.8/33

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076 ± 0.140 $\chi^2/\text{NDF}: 12.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.140 ± 0.138 $\chi^2/\text{NDF}: 27.0/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

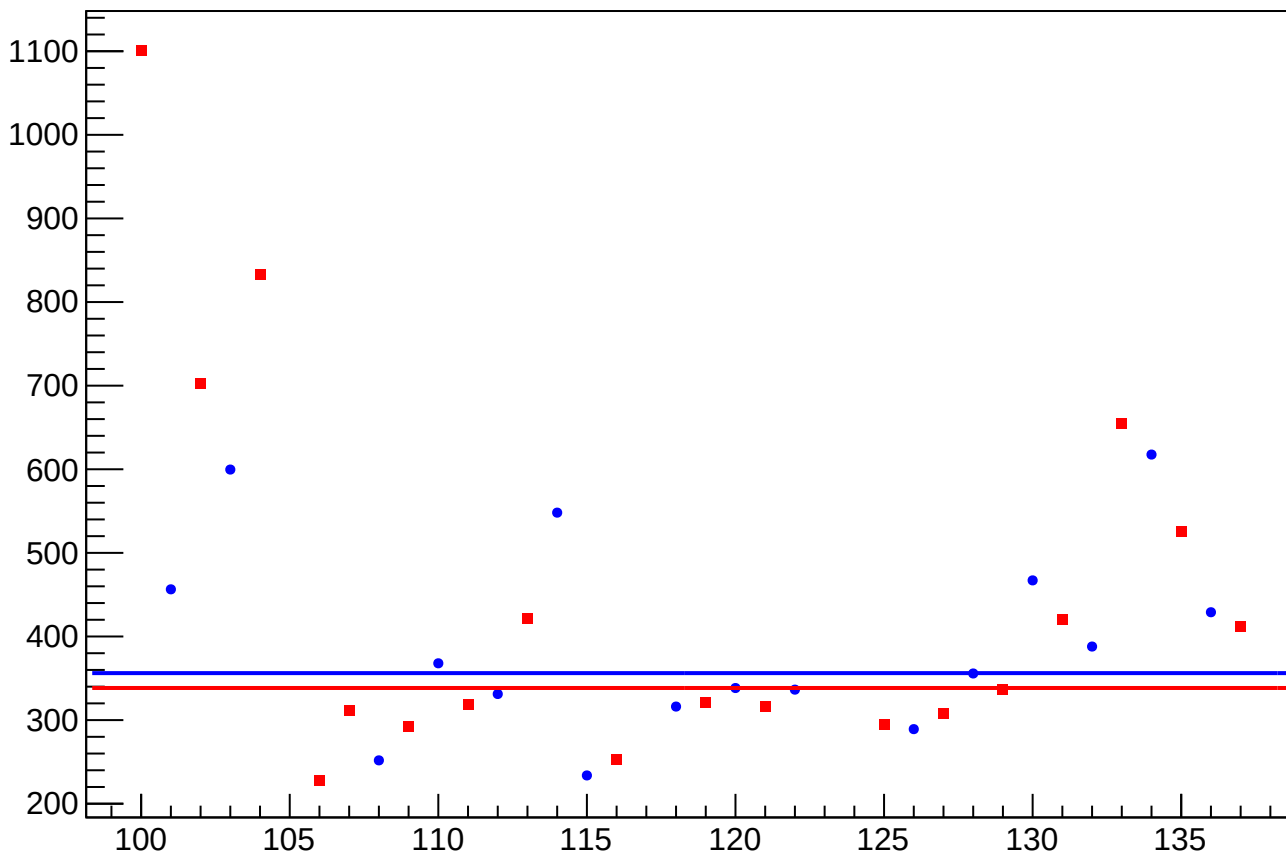
Right: 0.033 ± 0.098 $\chi^2/\text{NDF}: 40.7/33$

In: -0.076 ± 0.140 $\chi^2/\text{NDF}: 12.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.033 ± 0.098 $\chi^2/\text{NDF}: 40.7/33$

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.410+/-0.098 χ^2/NDF : 1203282.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

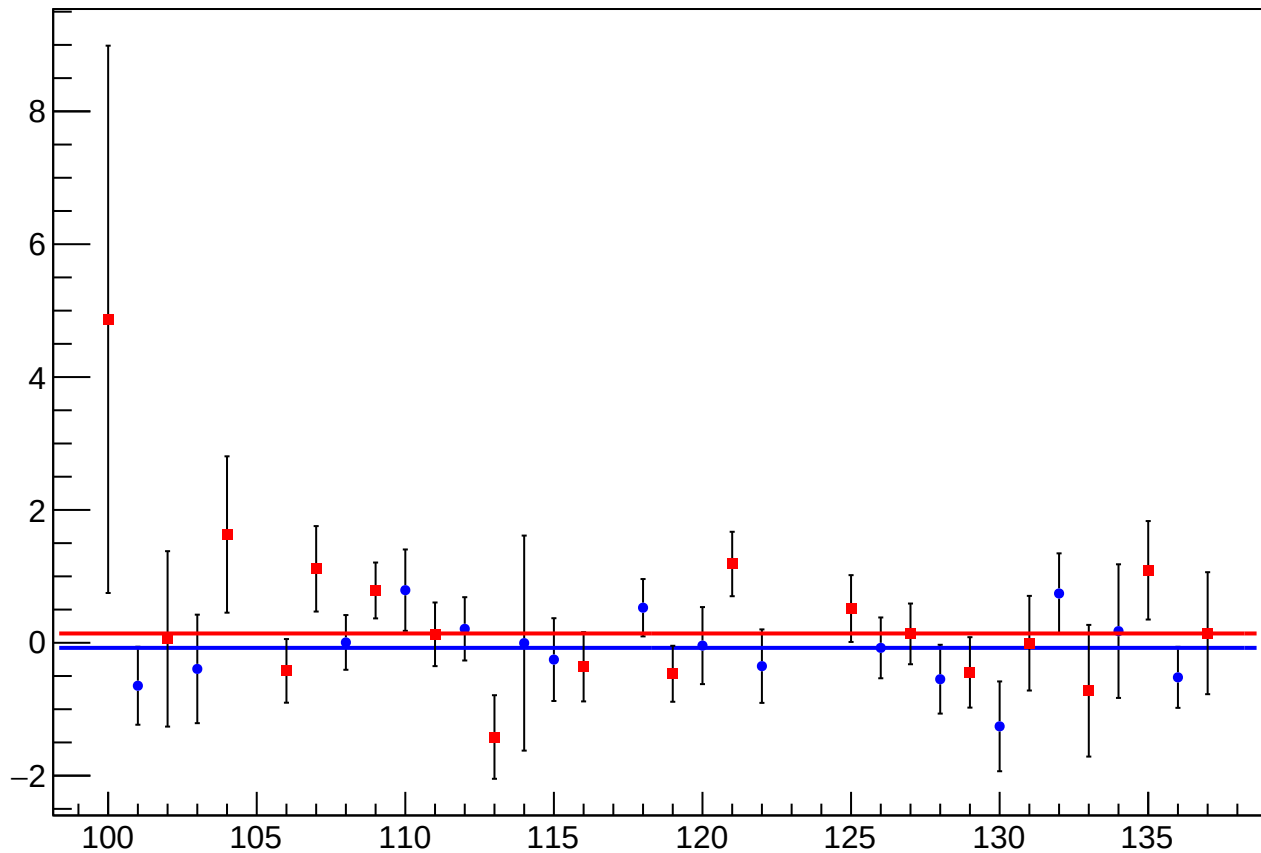
Right: 347.176+/-0.069 χ^2/NDF : 2004764.4/33

In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.176+/-0.069 χ^2/NDF : 2004764.4/33

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076 ± 0.140 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.140 ± 0.138 χ^2/NDF : 27.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

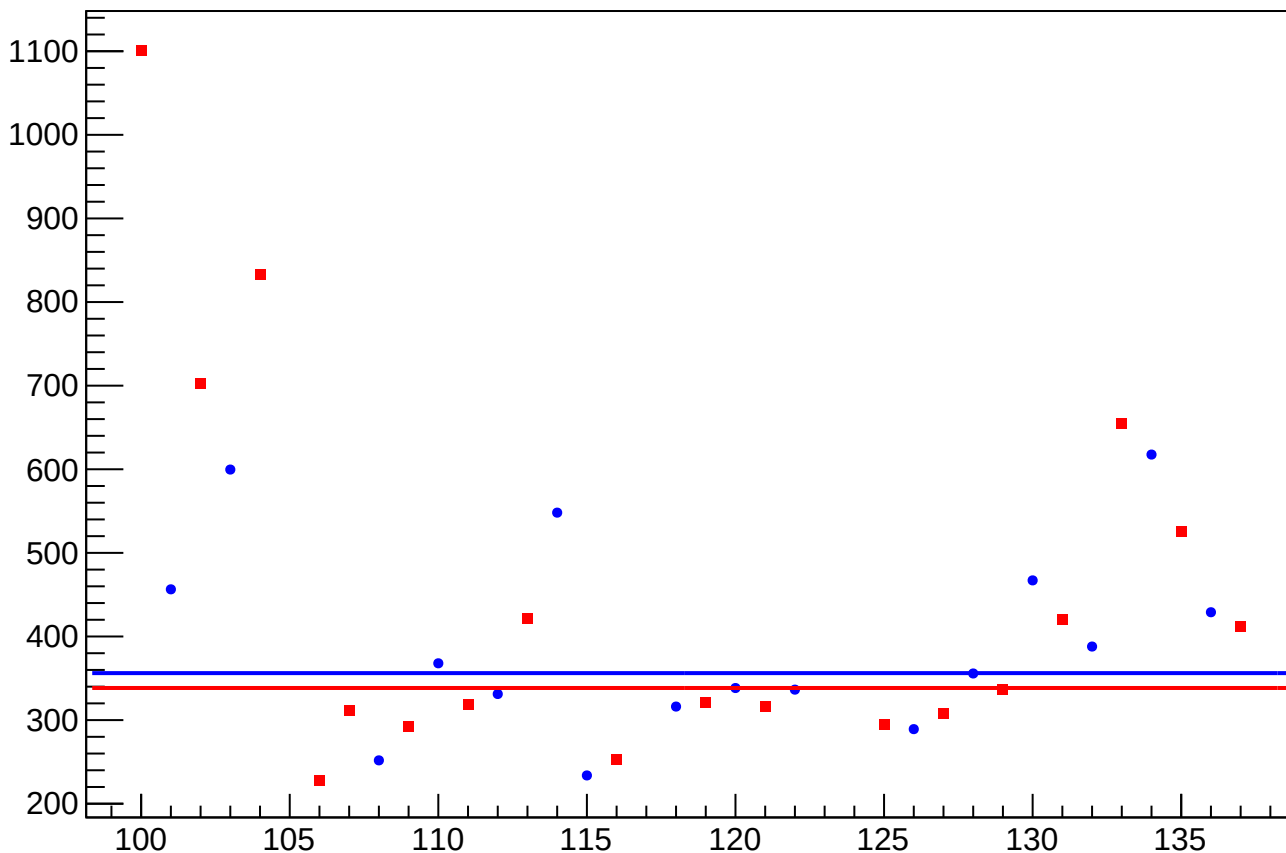
Right: 0.033 ± 0.098 χ^2/NDF : 40.7/33

In: -0.076 ± 0.140 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.098 χ^2/NDF : 40.7/33

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.410+/-0.098 χ^2/NDF : 1203282.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

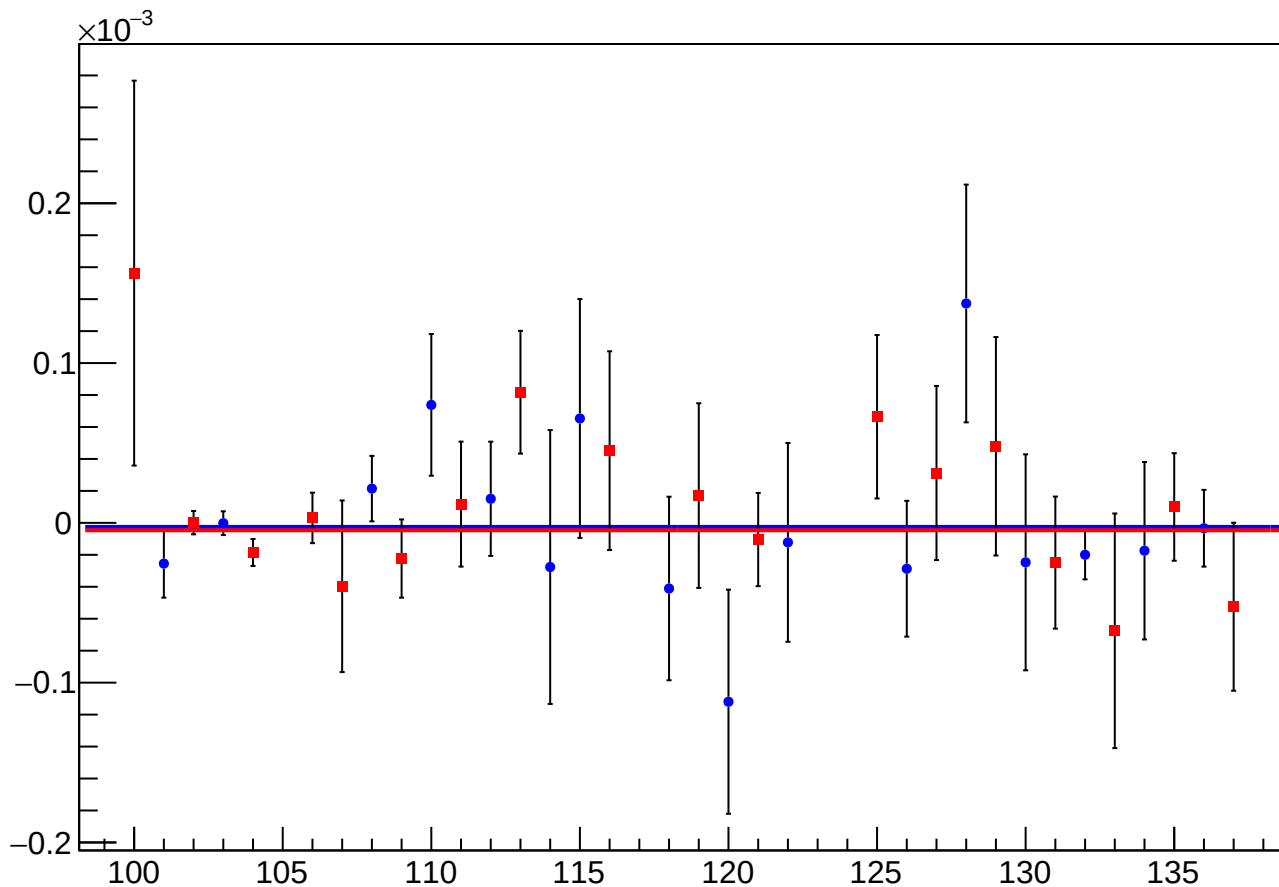
Right: 347.176+/-0.069 χ^2/NDF : 2004764.4/33

In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.176+/-0.069 χ^2/NDF : 2004764.4/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

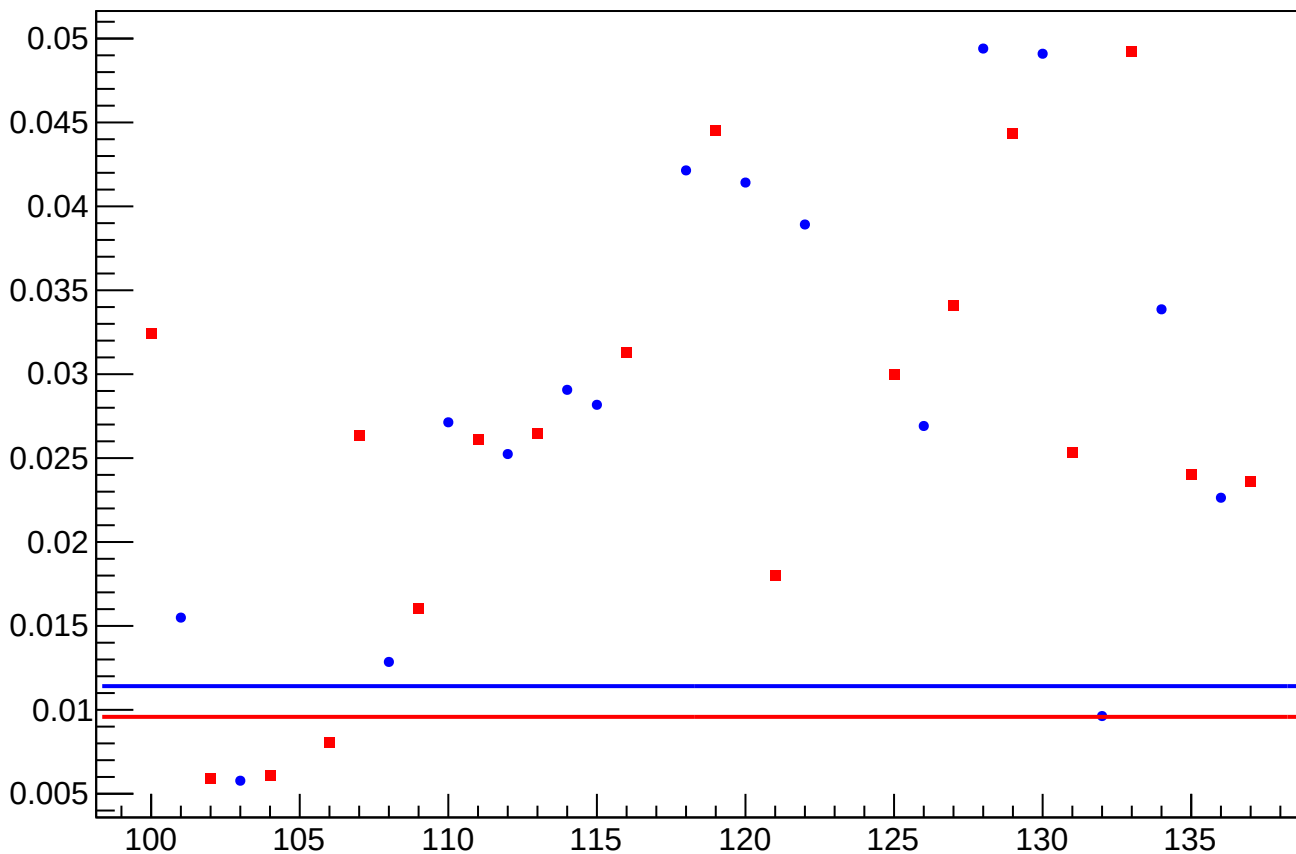
Right: -0.000+/-0.000 χ^2/NDF : 32.2/33

In: -0.000+/-0.000 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.2/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 5500651.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 5787700.4/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 11414181.9/33

In: 0.011+/-0.000

χ^2/NDF : 5500651.2/15

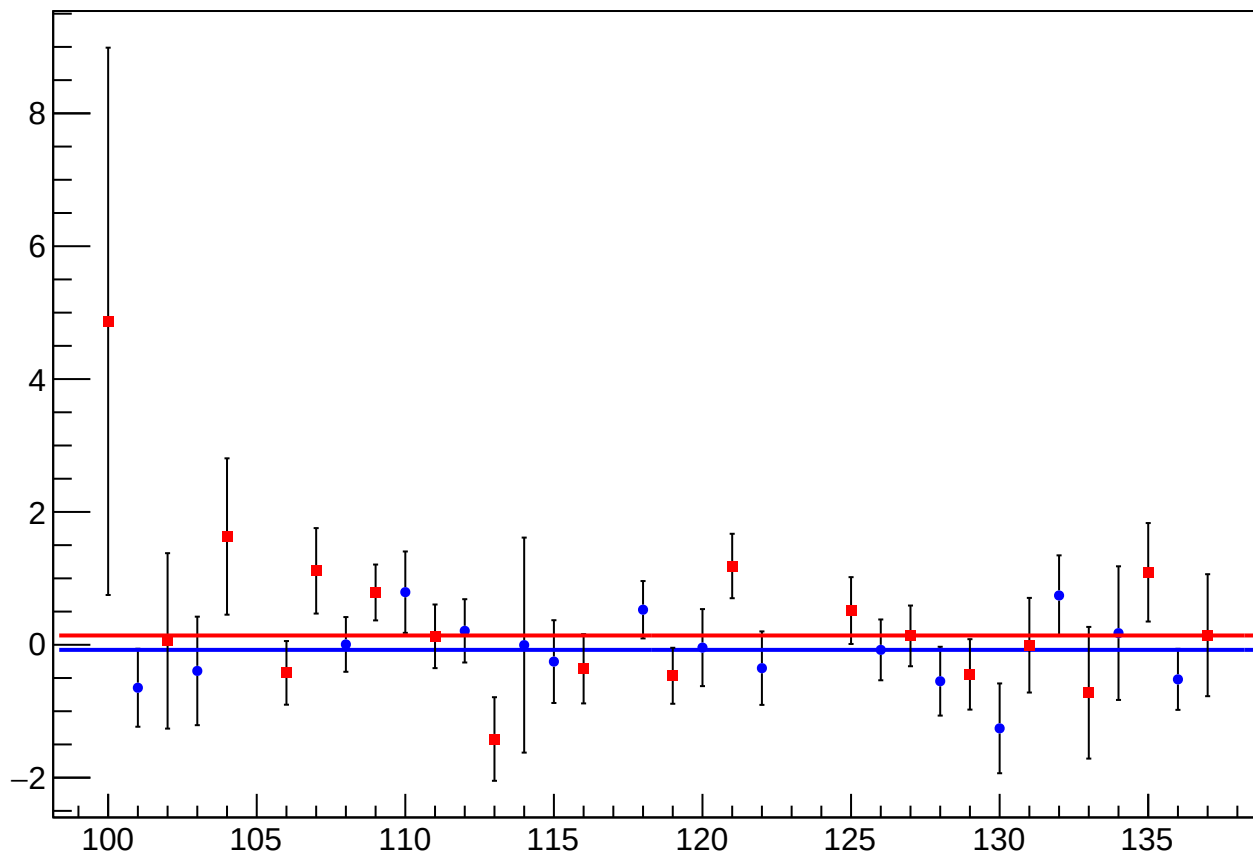
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 11414181.9/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076 ± 0.140 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.140 ± 0.138 χ^2/NDF : 27.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

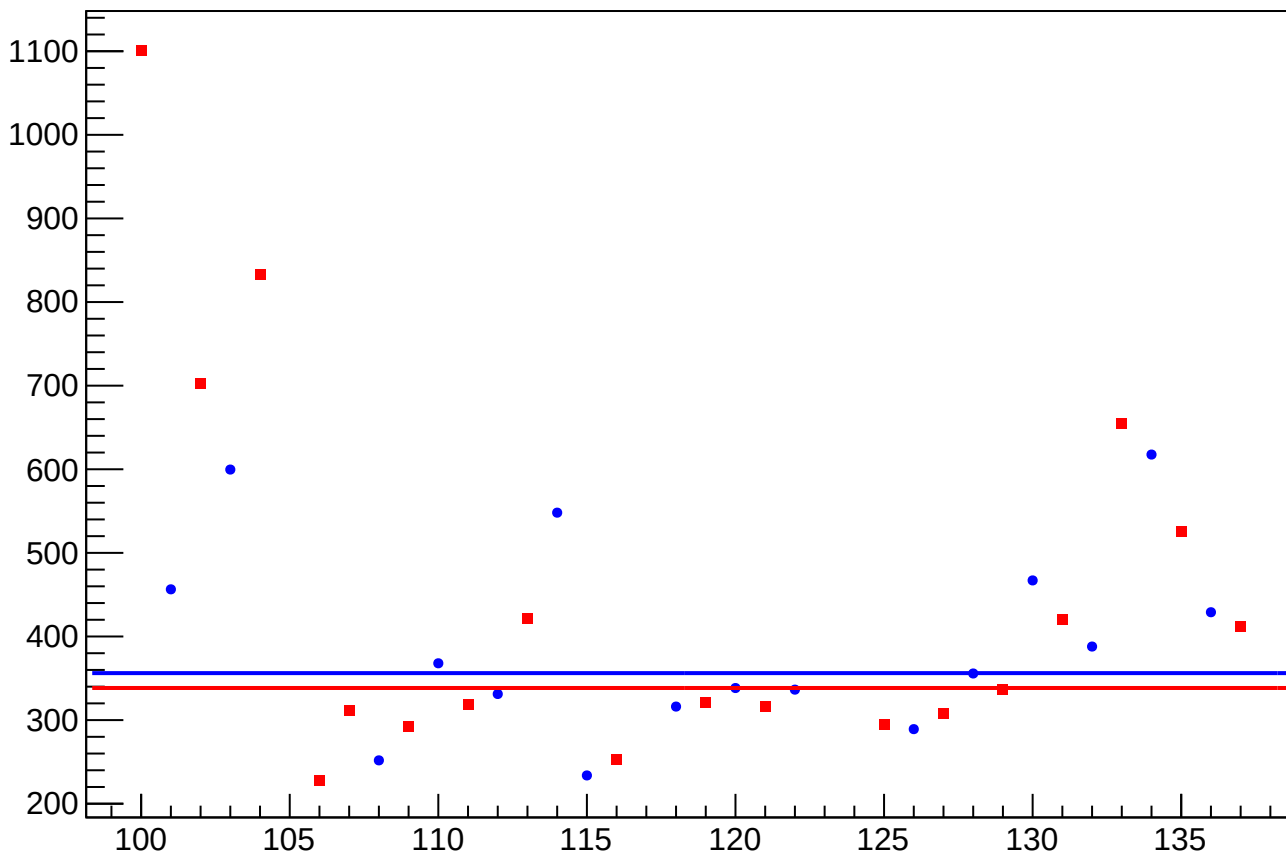
Right: 0.033 ± 0.098 χ^2/NDF : 40.7/33

In: -0.076 ± 0.140 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.033 ± 0.098 χ^2/NDF : 40.7/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 356.188+/-0.099 χ^2/NDF : 785072.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.408+/-0.098 χ^2/NDF : 1203260.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

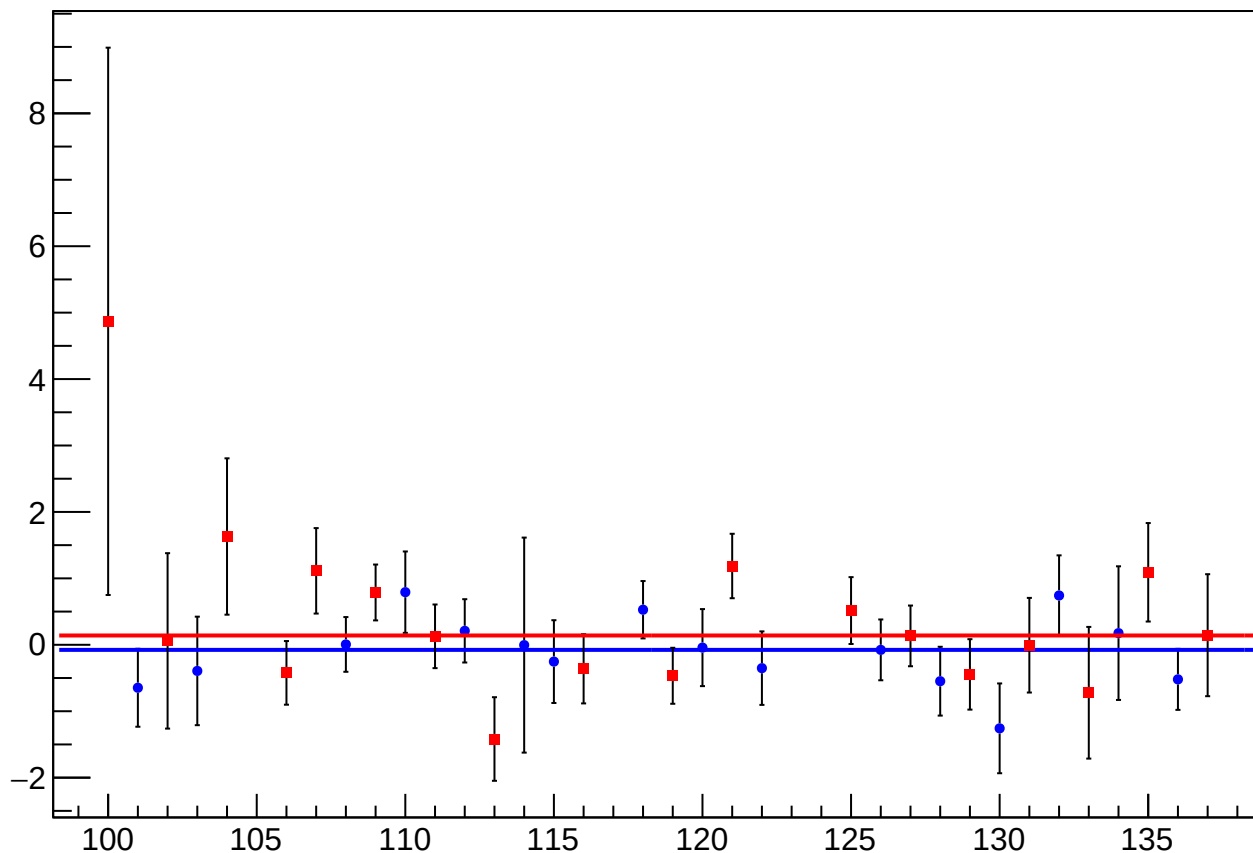
Right: 347.175+/-0.069 χ^2/NDF : 2004710.0/33

In: 356.188+/-0.099 χ^2/NDF : 785072.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.175+/-0.069 χ^2/NDF : 2004710.0/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.076+/-0.140 χ^2/NDF : 12.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.140+/-0.138 χ^2/NDF : 27.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

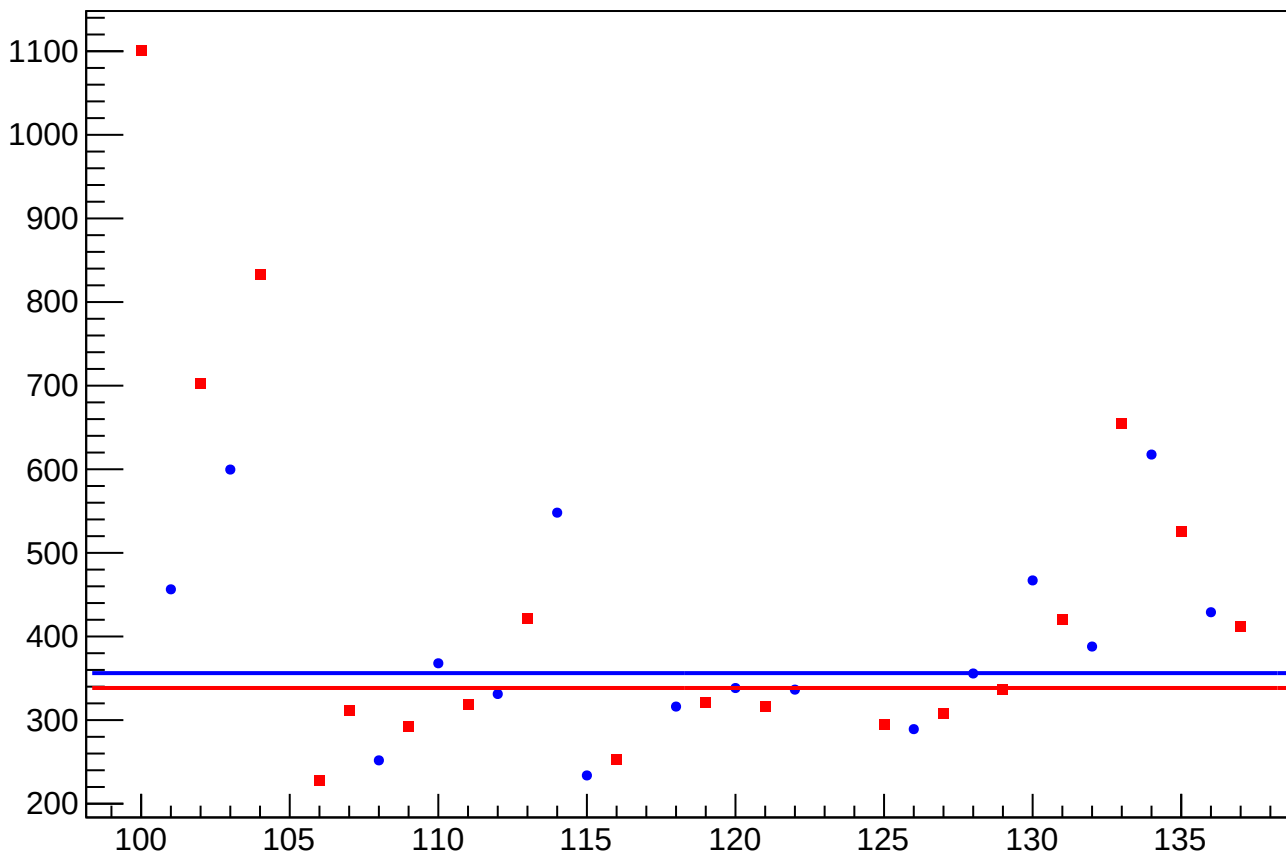
Right: 0.033+/-0.098 χ^2/NDF : 40.7/33

In: -0.076+/-0.140 χ^2/NDF :12.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.033+/-0.098 χ^2/NDF : 40.7/33

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 356.188+/-0.099 χ^2/NDF : 785072.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 338.408+/-0.098 χ^2/NDF : 1203260.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

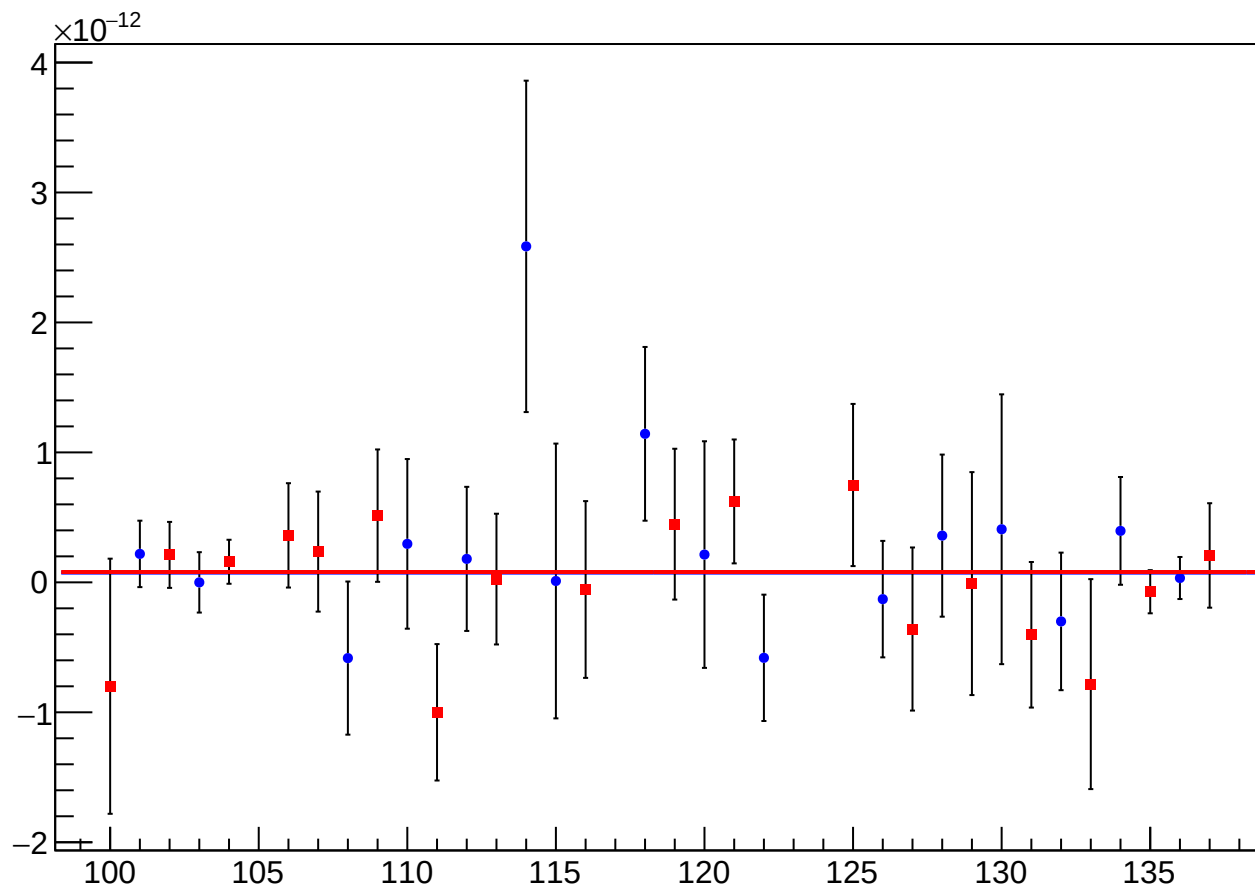
Right: 347.175+/-0.069 χ^2/NDF : 2004710.0/33

In: 356.188+/-0.099 χ^2/NDF : 785072.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.175+/-0.069 χ^2/NDF : 2004710.0/33

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

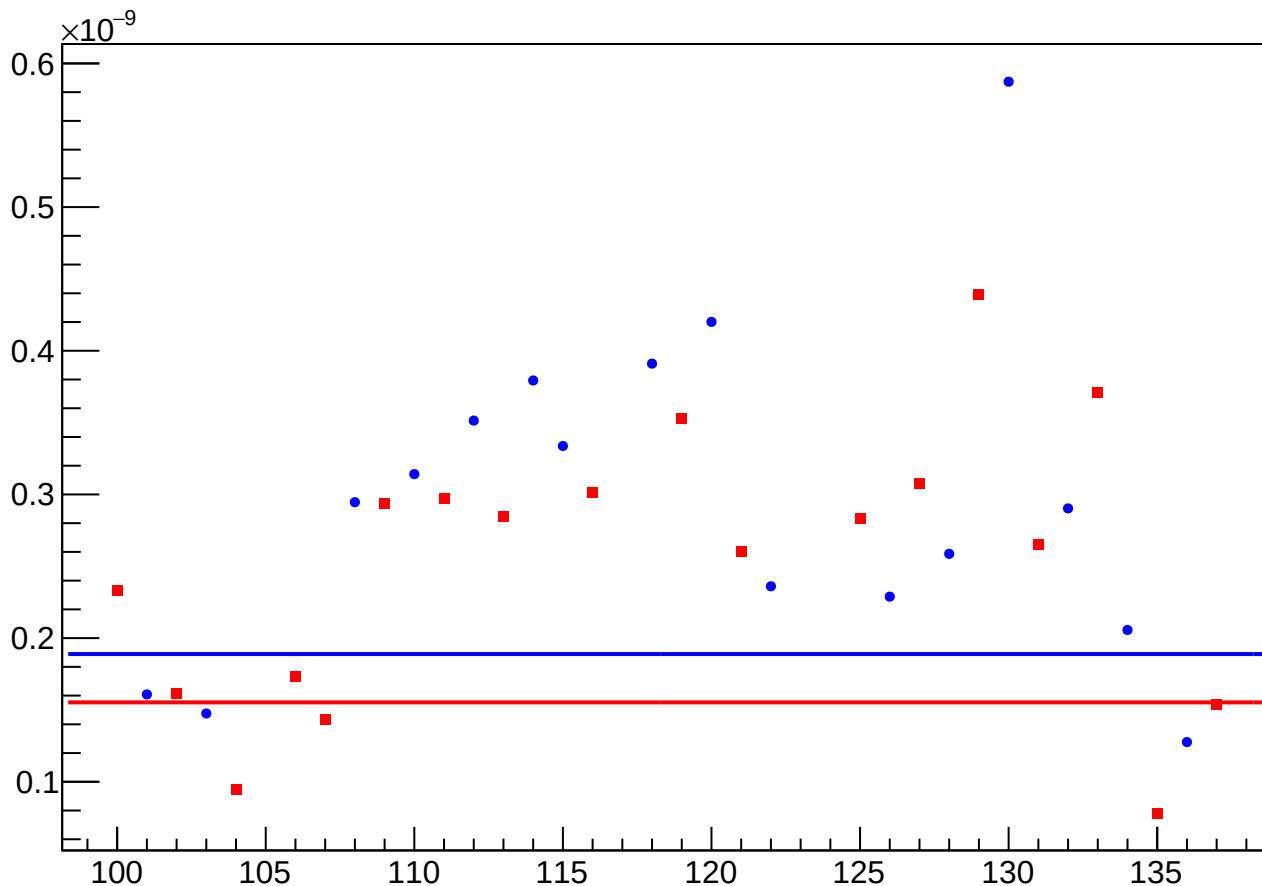
Right: 0.000+/-0.000 χ^2/NDF : 24.9/33

In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.9/33

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1520620.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2200687.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

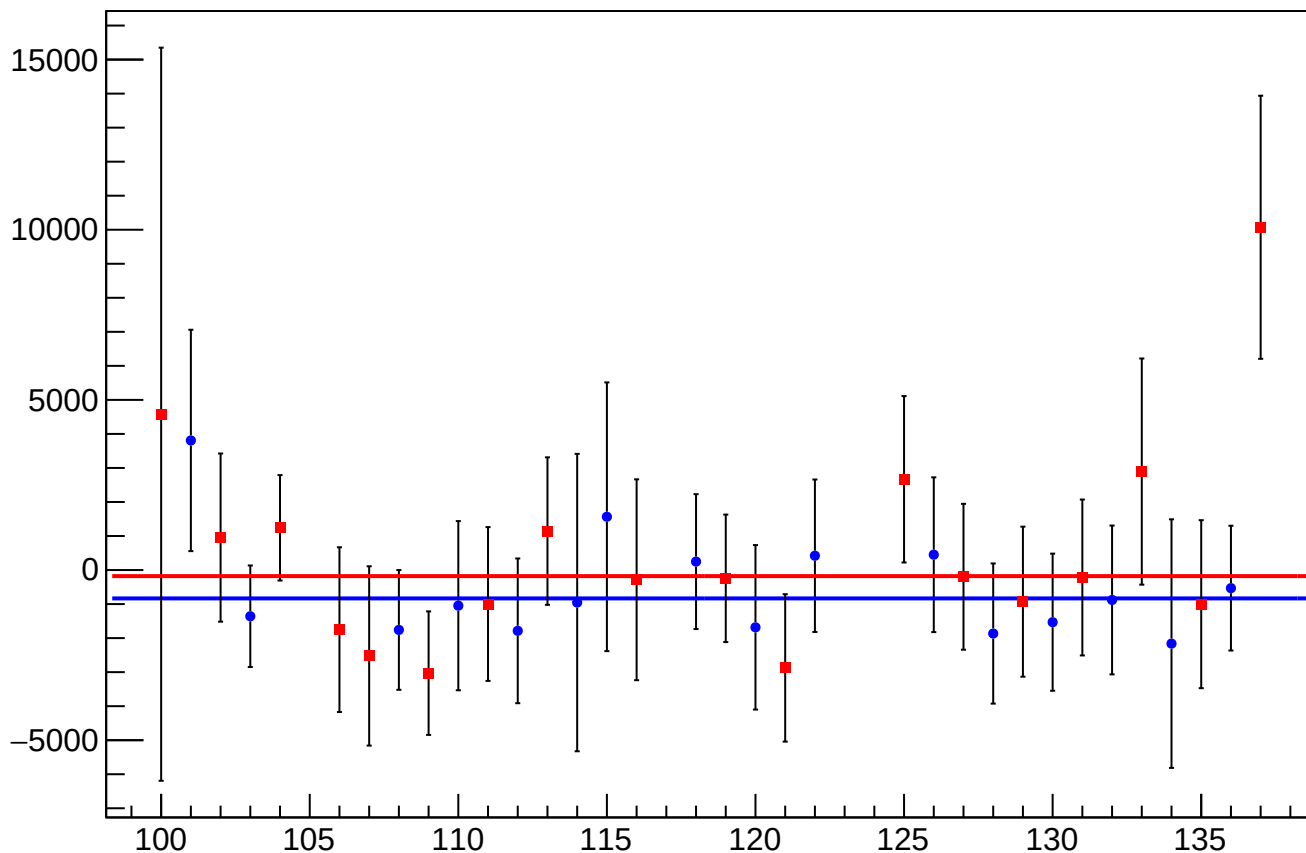
Right: 0.000+/-0.000 χ^2/NDF : 3857679.7/33

In: 0.000+/-0.000 χ^2/NDF : 1520620.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3857679.7/33

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.479+/-554.833 χ^2/NDF : 4.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -178.292+/-547.824 χ^2/NDF : 16.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

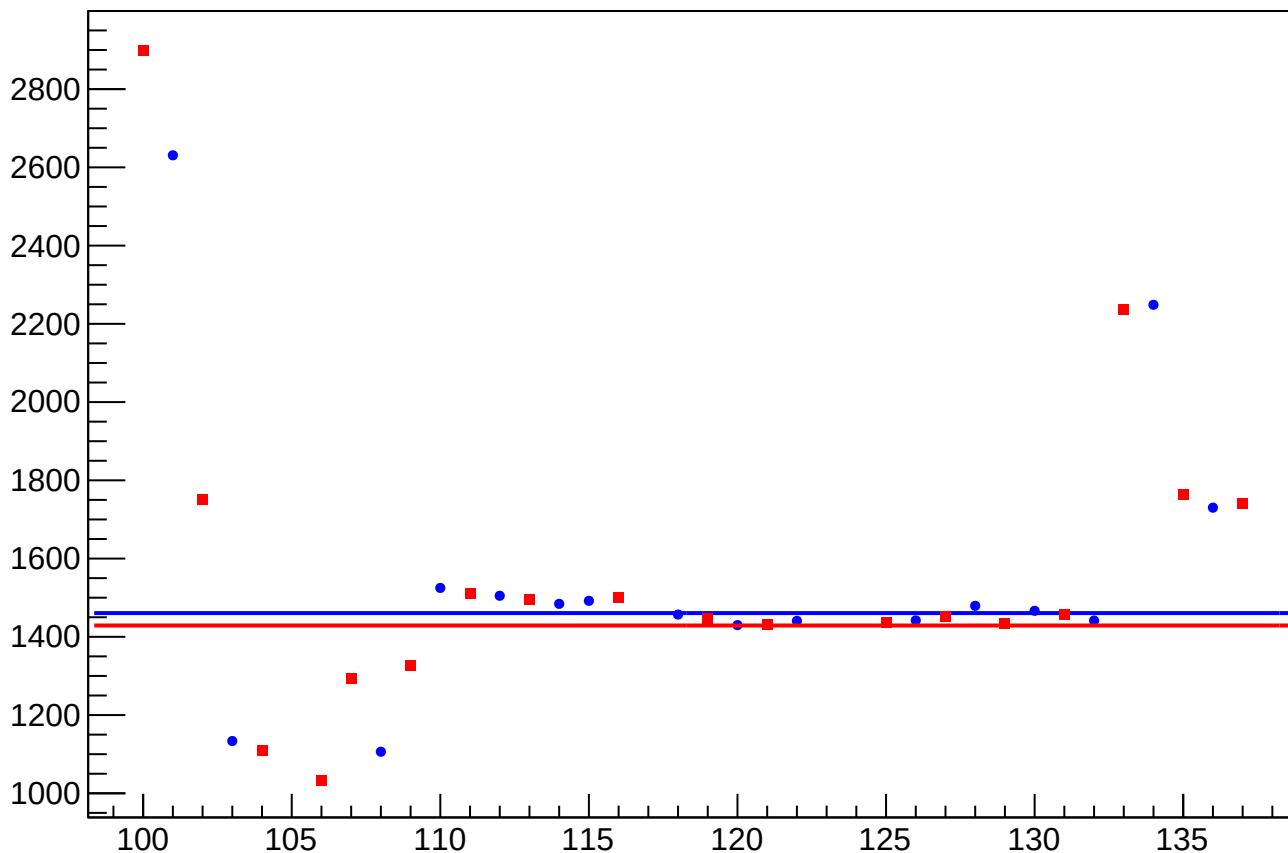
Right: -501.721+/-389.824 χ^2/NDF : 21.8/33

In: -833.479+/-554.833 χ^2/NDF : 4.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -501.721+/-389.824 χ^2/NDF : 21.8/33

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1460.653+/-0.392 χ^2/NDF : 575736.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1428.940+/-0.385 χ^2/NDF : 411275.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

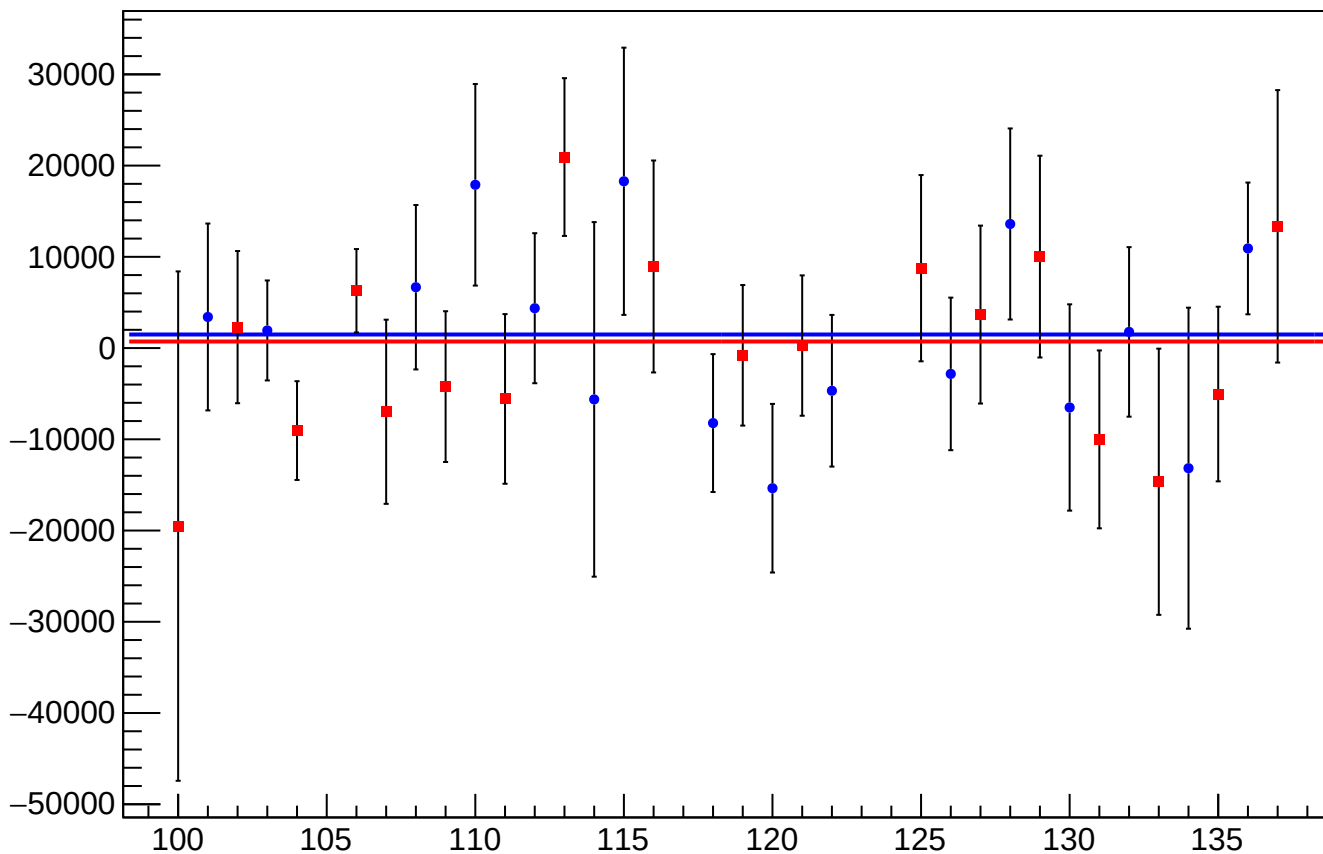
Right: 1444.478+/-0.275 χ^2/NDF : 990344.6/33

In: 1460.653+/-0.392 χ^2/NDF : 575736.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1444.478+/-0.275 χ^2/NDF : 990344.6/33

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 1487.438 $\pm$ 2268.028 χ^2 /NDF: 14.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 720.166 $\pm$ 2011.559 χ^2 /NDF: 17.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

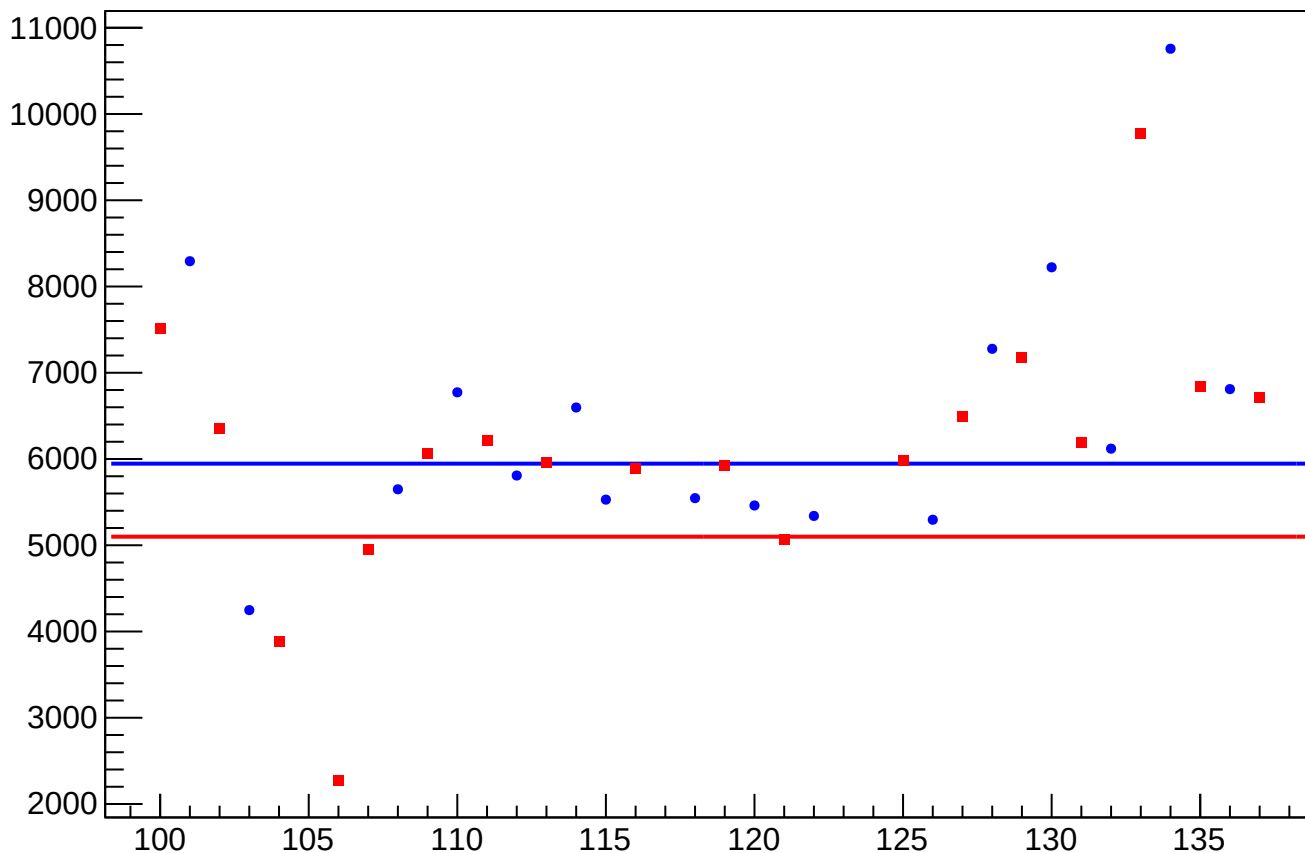
Right: 1057.985 $\pm$ 1504.928 χ^2 /NDF: 31.8/33

In: 1487.438 $\pm$ 2268.028 χ^2 /NDF:14.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1057.985 $\pm$ 1504.928 χ^2 /NDF: 31.8/33

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 5946.080+/-1.604 χ^2/NDF : 641131.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5099.375+/-1.422 χ^2/NDF : 1480367.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

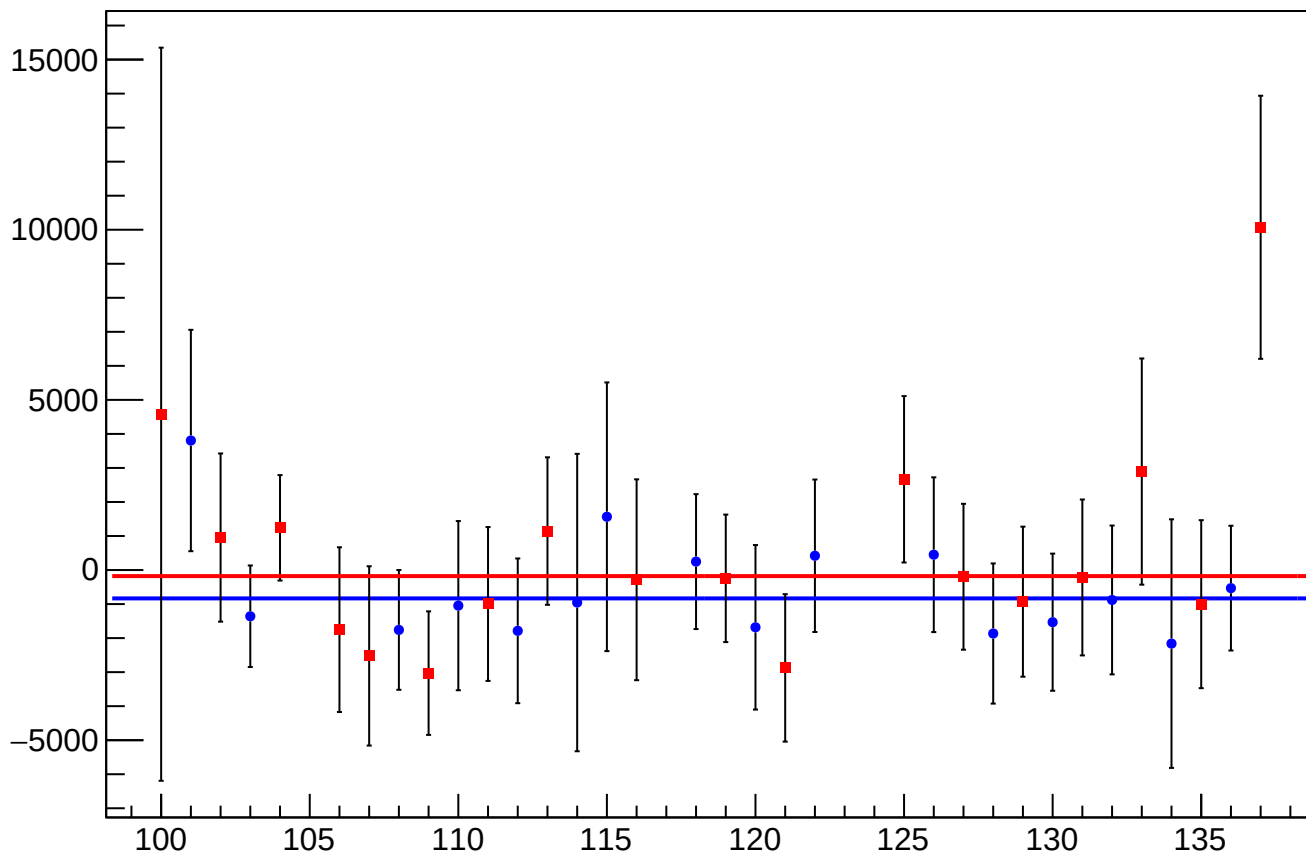
Right: 5472.167+/-1.064 χ^2/NDF : 2277512.7/33

In: 5946.080+/-1.604 χ^2/NDF : 641131.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5472.167+/-1.064 χ^2/NDF : 2277512.7/33

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.542 $\pm$ 554.833 χ^2 /NDF: 4.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -178.133 $\pm$ 547.824 χ^2 /NDF: 16.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

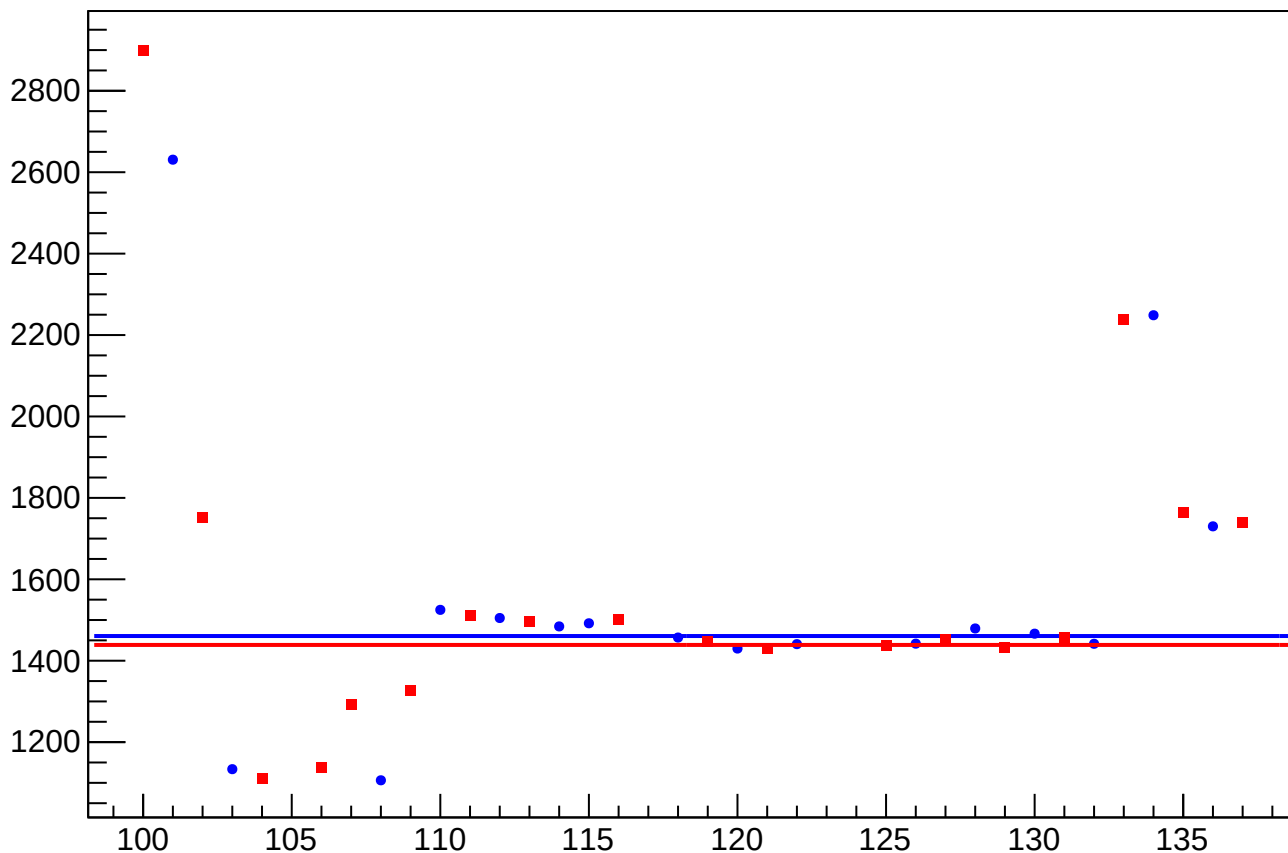
Right: -501.671 $\pm$ 389.824 χ^2 /NDF: 21.8/33

In: -833.542 $\pm$ 554.833 χ^2 /NDF:4.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -501.671 $\pm$ 389.824 χ^2 /NDF: 21.8/33

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1438.764+/-0.386 χ^2/NDF : 373375.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

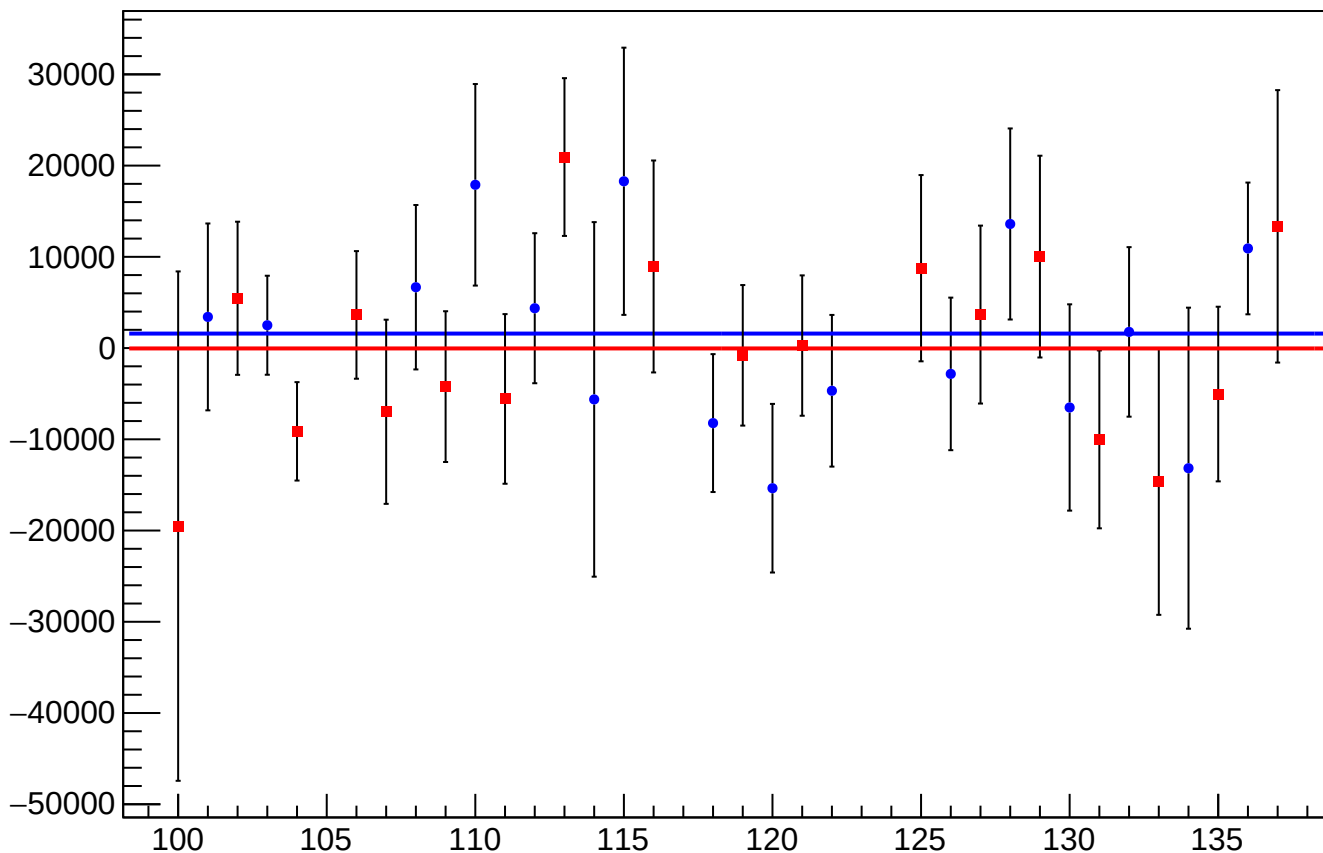
Right: 1449.544+/-0.275 χ^2/NDF : 950691.7/33

In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.544+/-0.275 χ^2/NDF : 950691.7/33

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 1588.655 $\pm$ 2264.260 χ^2 /NDF: 14.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -40.643 $\pm$ 2133.039 χ^2 /NDF: 16.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

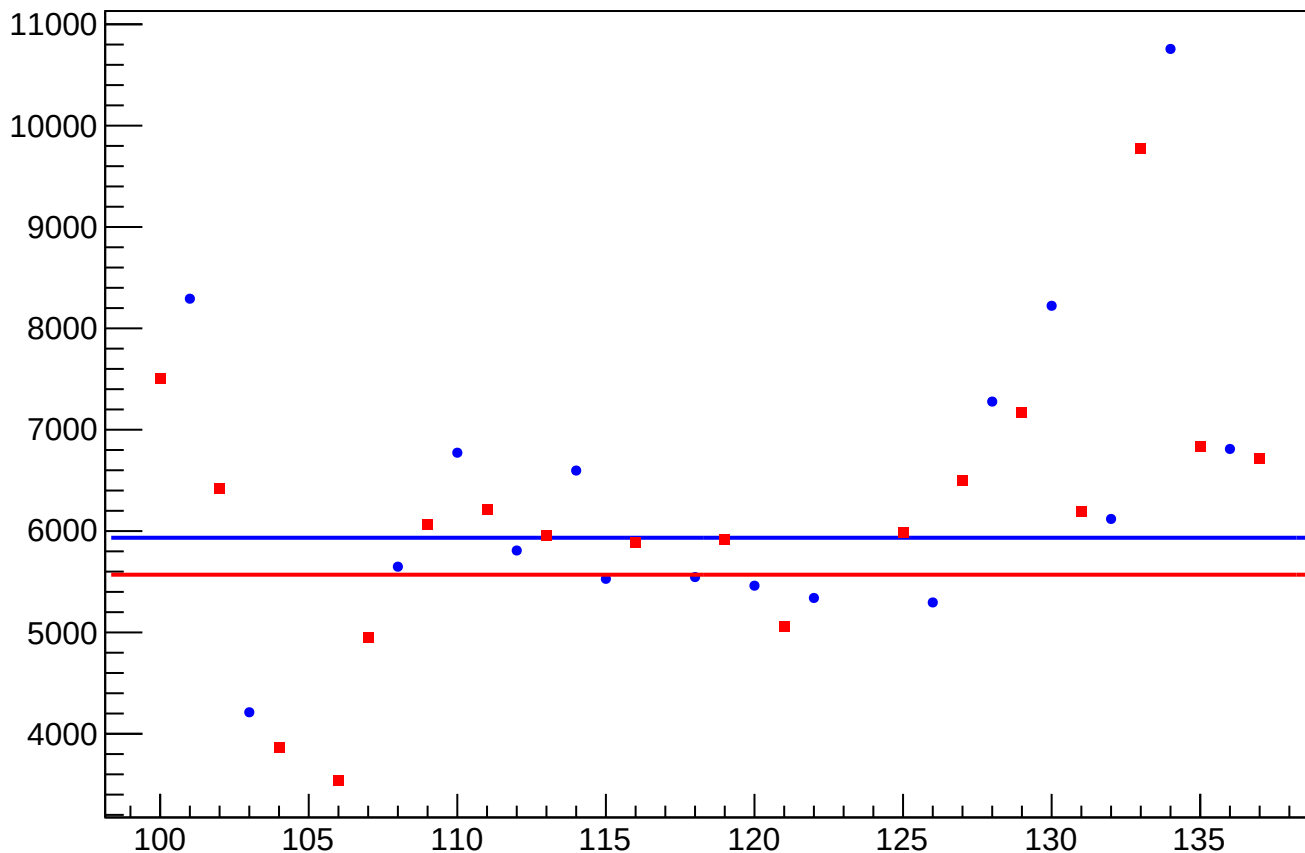
Right: 725.429 $\pm$ 1552.604 χ^2 /NDF: 30.9/33

In: 1588.655 $\pm$ 2264.260 χ^2 /NDF:14.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 725.429 $\pm$ 1552.604 χ^2 /NDF: 30.9/33

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 5934.209+/-1.601 χ^2/NDF : 653082.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5569.606+/-1.508 χ^2/NDF : 724048.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

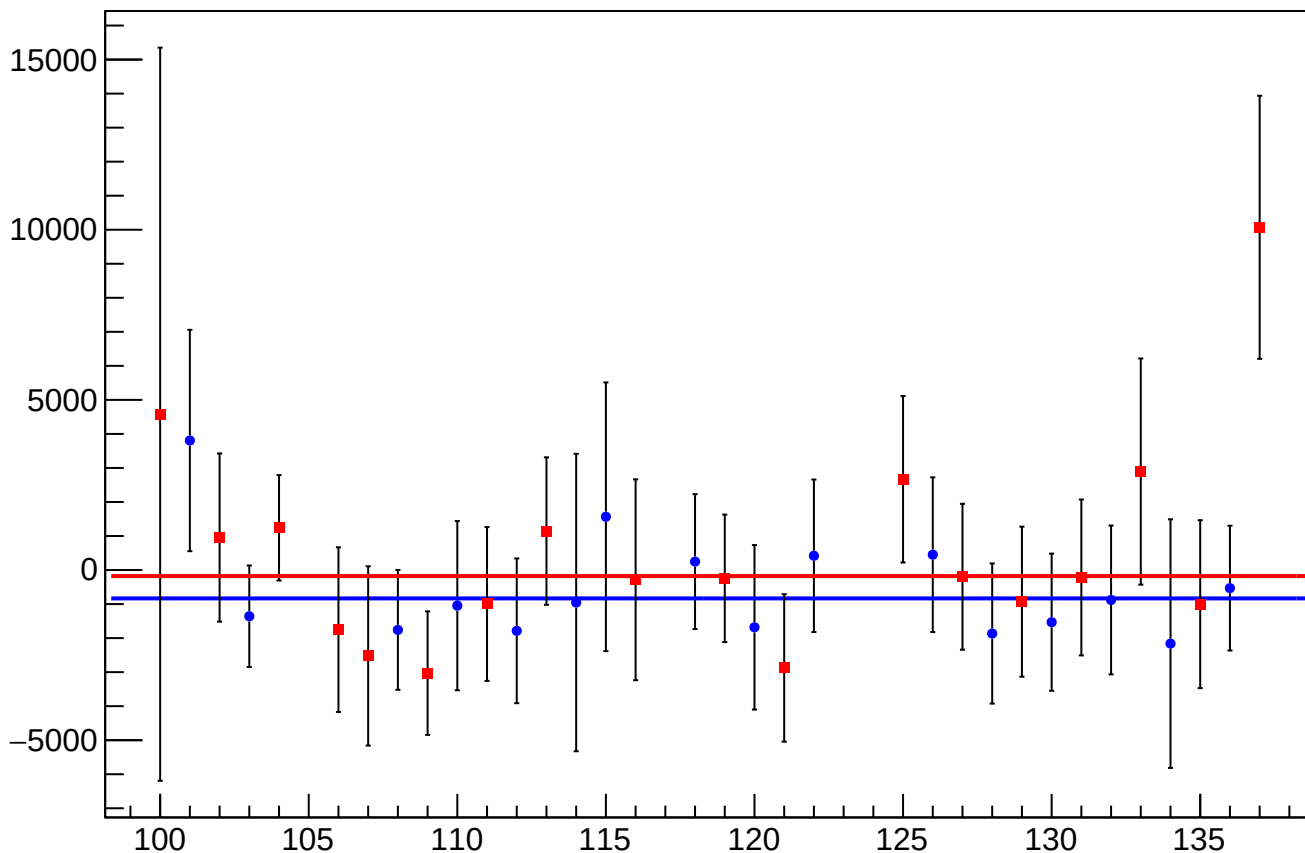
Right: 5741.037+/-1.098 χ^2/NDF : 1404606.9/33

In: 5934.209+/-1.601 χ^2/NDF : 653082.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5741.037+/-1.098 χ^2/NDF : 1404606.9/33

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.542 $\pm$ 554.833 χ^2 /NDF: 4.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -178.133 $\pm$ 547.824 χ^2 /NDF: 16.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

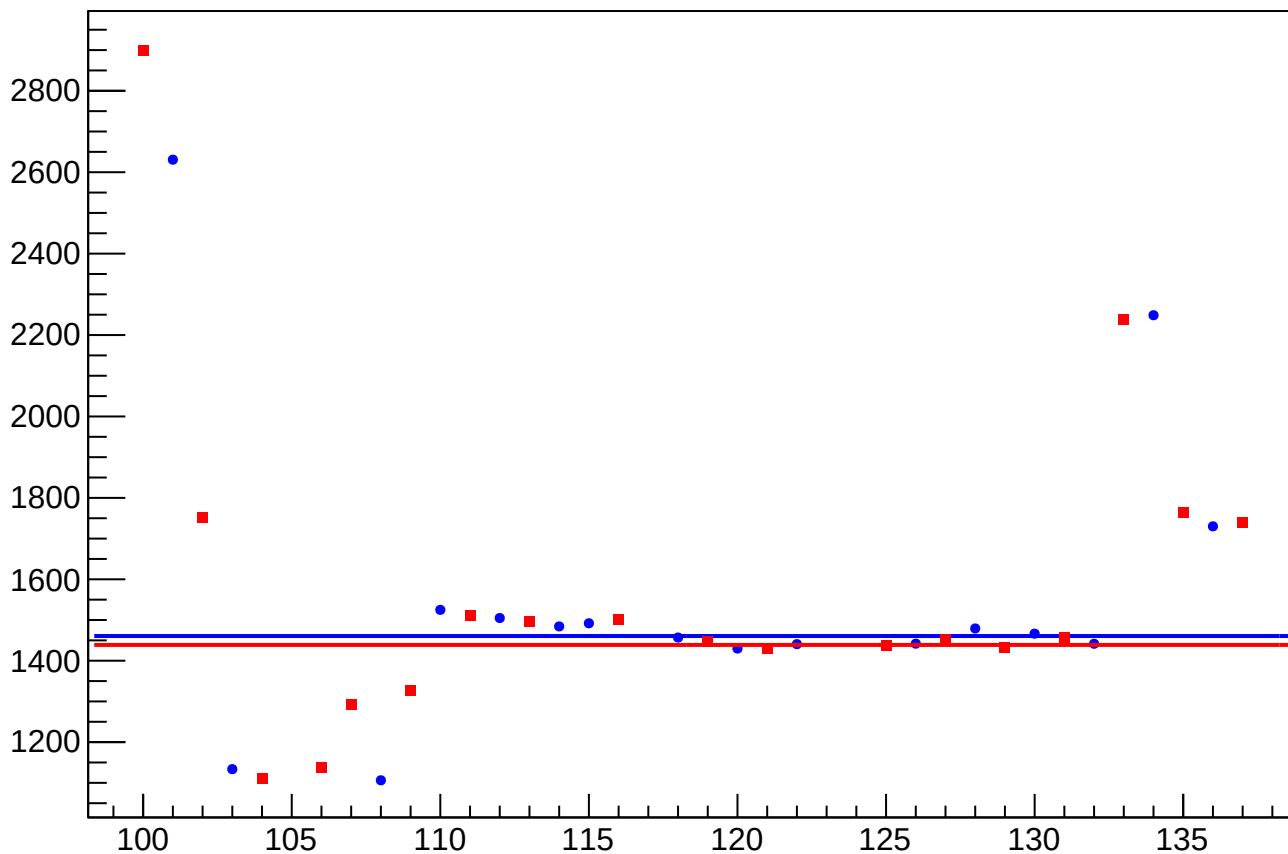
Right: -501.671 $\pm$ 389.824 χ^2 /NDF: 21.8/33

In: -833.542 $\pm$ 554.833 χ^2 /NDF:4.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -501.671 $\pm$ 389.824 χ^2 /NDF: 21.8/33

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1438.764+/-0.386 χ^2/NDF : 373375.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

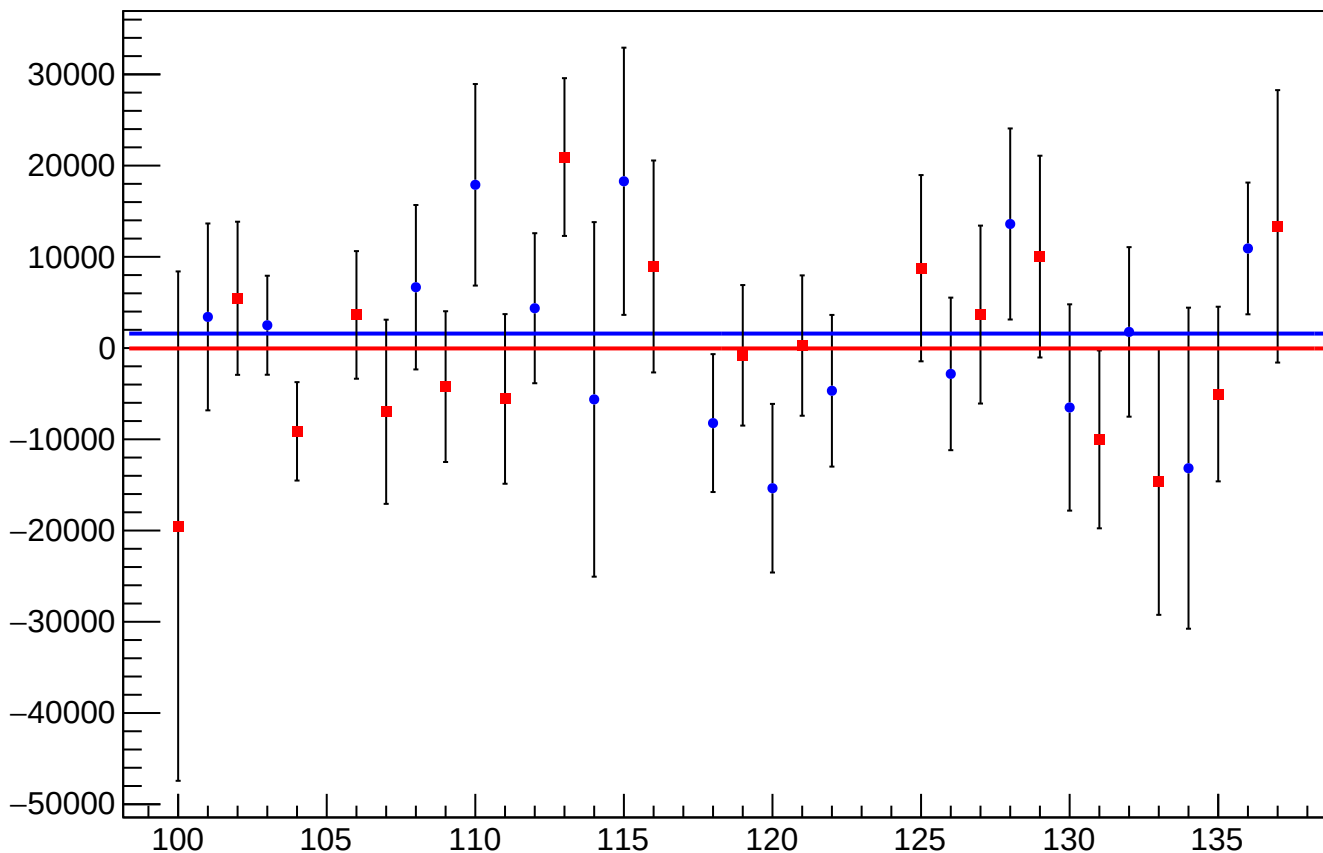
Right: 1449.544+/-0.275 χ^2/NDF : 950691.7/33

In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.544+/-0.275 χ^2/NDF : 950691.7/33

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1588.655 $\pm$ 2264.260 χ^2 /NDF: 14.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -40.643 $\pm$ 2133.039 χ^2 /NDF: 16.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

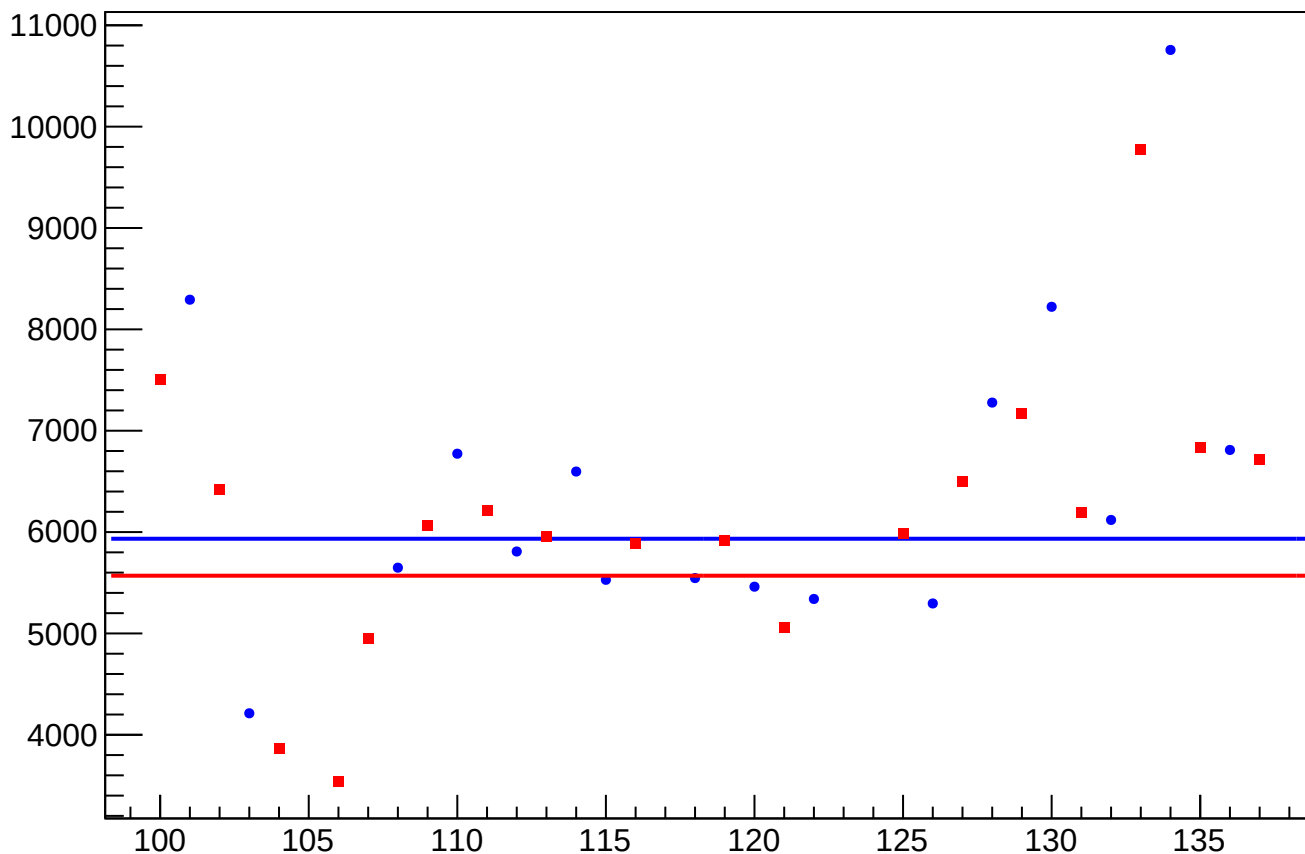
Right: 725.429 $\pm$ 1552.604 χ^2 /NDF: 30.9/33

In: 1588.655 $\pm$ 2264.260 χ^2 /NDF: 14.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 725.429 $\pm$ 1552.604 χ^2 /NDF: 30.9/33

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 5934.209+/-1.601 χ^2 /NDF: 653082.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5569.606+/-1.508 χ^2 /NDF: 724048.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

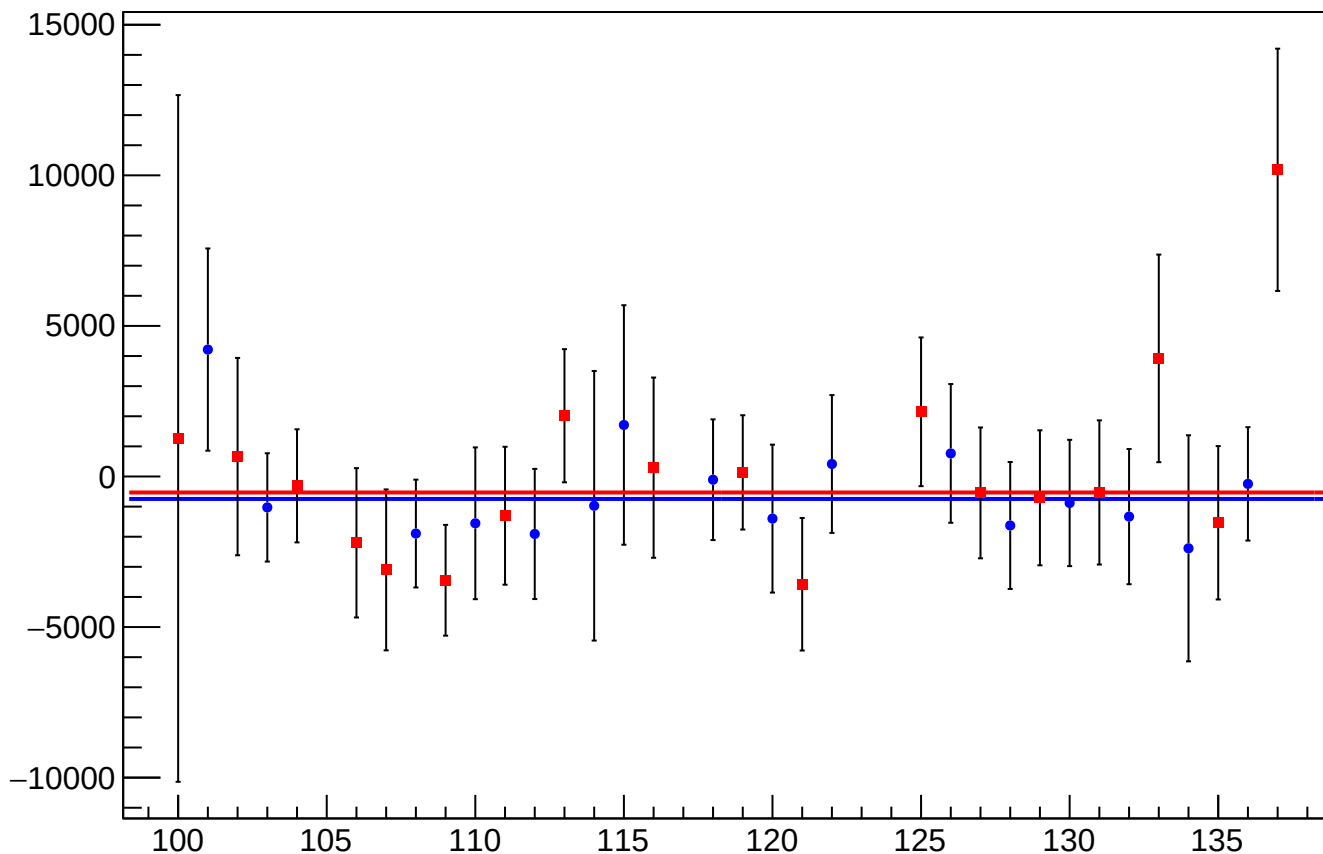
Right: 5741.037+/-1.098 χ^2 /NDF: 1404606.9/33

In: 5934.209+/-1.601 χ^2 /NDF:653082.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5741.037+/-1.098 χ^2 /NDF: 1404606.9/33

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -745.914 $\pm$ 578.071 χ^2 /NDF: 4.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -531.292 $\pm$ 575.115 χ^2 /NDF: 17.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

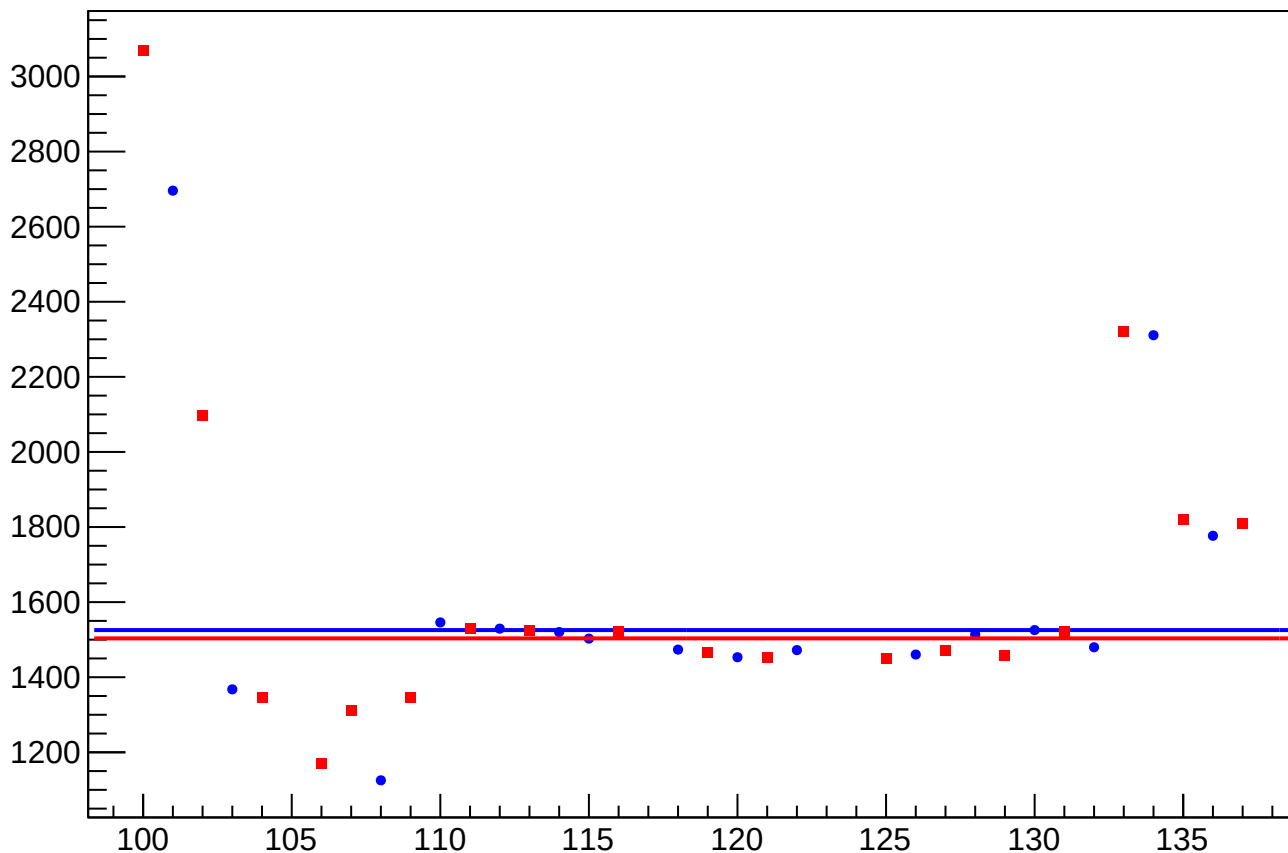
Right: -638.053 $\pm$ 407.709 χ^2 /NDF: 22.6/33

In: -745.914 $\pm$ 578.071 χ^2 /NDF:4.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -638.053 $\pm$ 407.709 χ^2 /NDF: 22.6/33

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.536+/-0.409 χ^2/NDF : 488328.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1503.434+/-0.407 χ^2/NDF : 338507.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

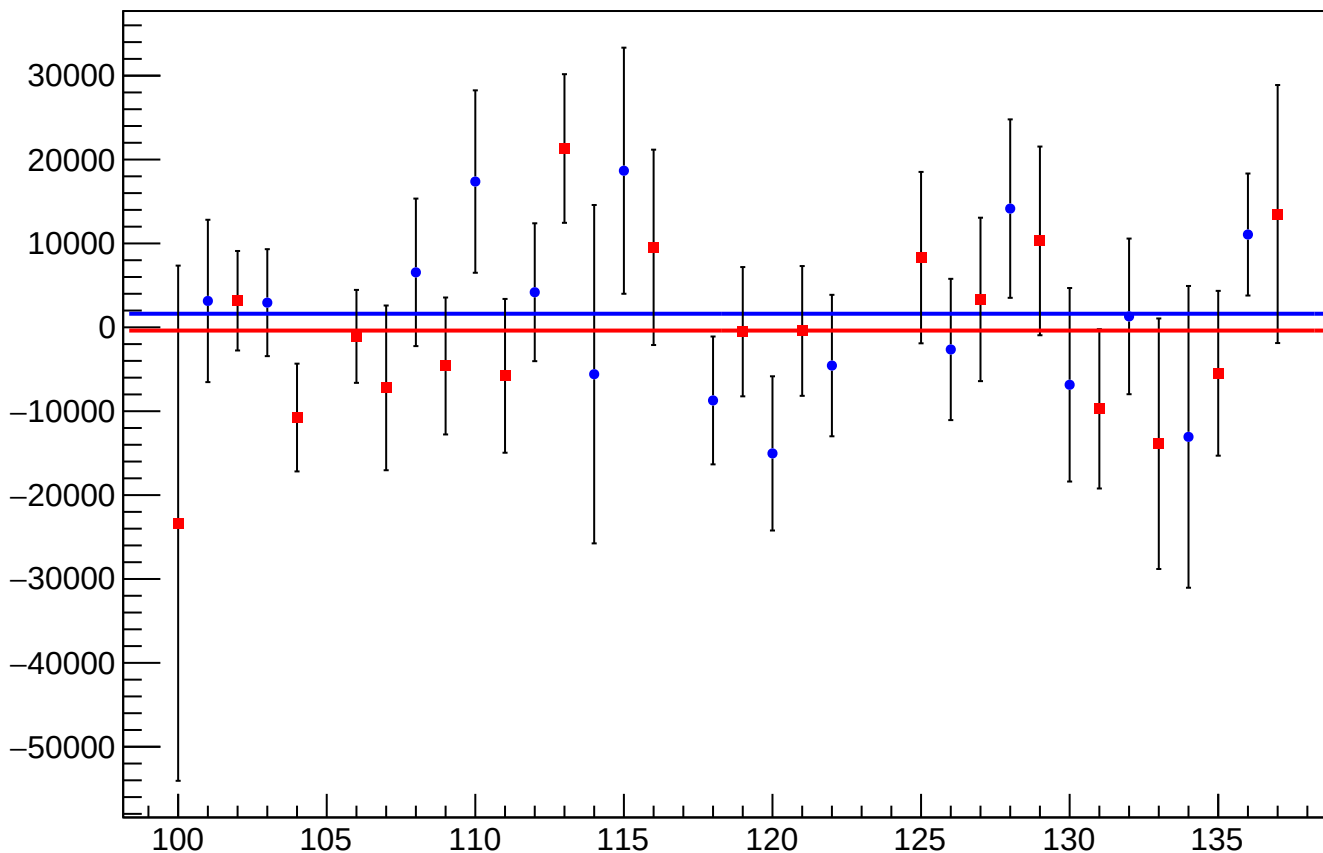
Right: 1514.425+/-0.288 χ^2/NDF : 828305.2/33

In: 1525.536+/-0.409 χ^2/NDF : 488328.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1514.425+/-0.288 χ^2/NDF : 828305.2/33

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1620.058+/-2320.032 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -385.942+/-2060.867 χ^2/NDF : 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

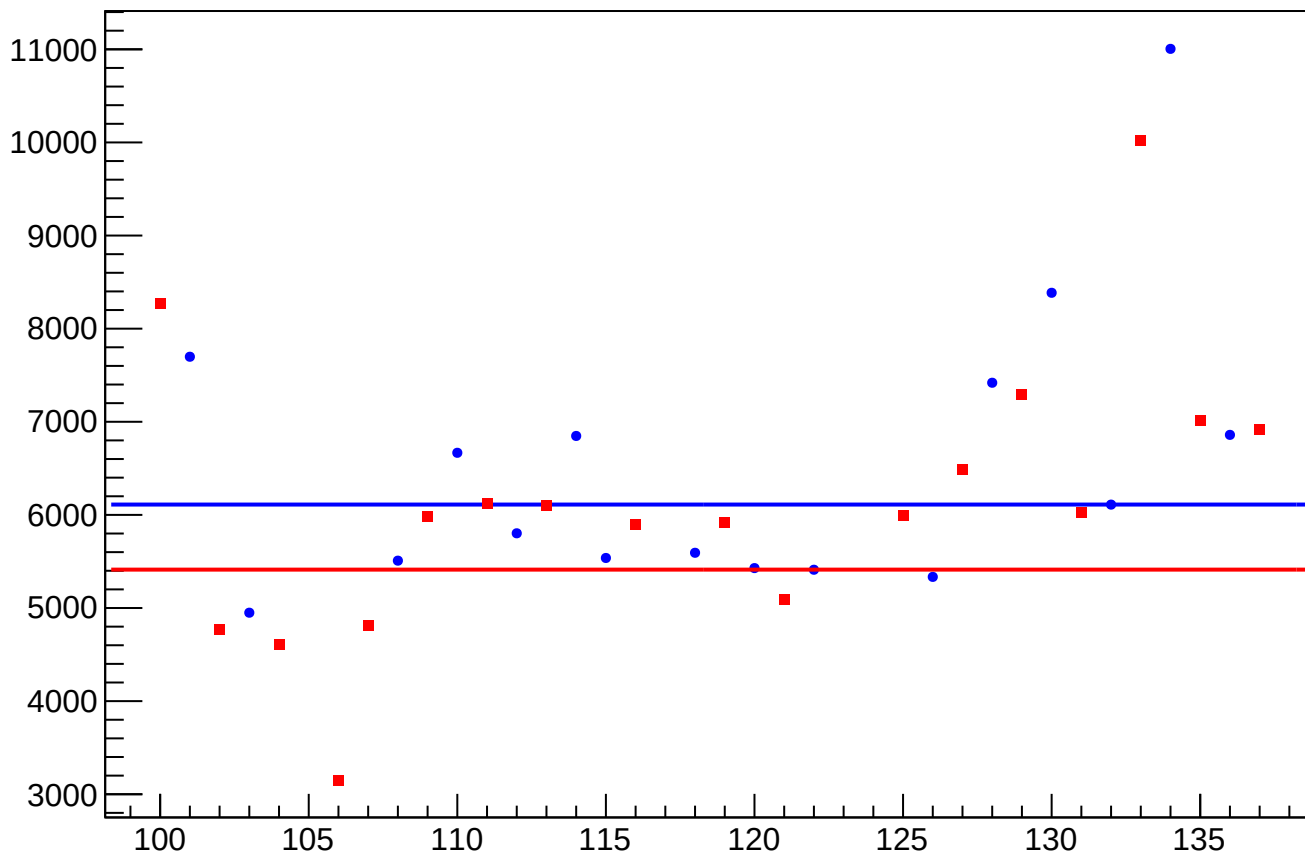
Right: 498.801+/-1540.768 χ^2/NDF : 30.7/33

In: 1620.058+/-2320.032 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 498.801+/-1540.768 χ^2/NDF : 30.7/33

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 6111.037+/-1.641 χ^2 /NDF: 471661.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5412.276+/-1.457 χ^2 /NDF: 821530.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

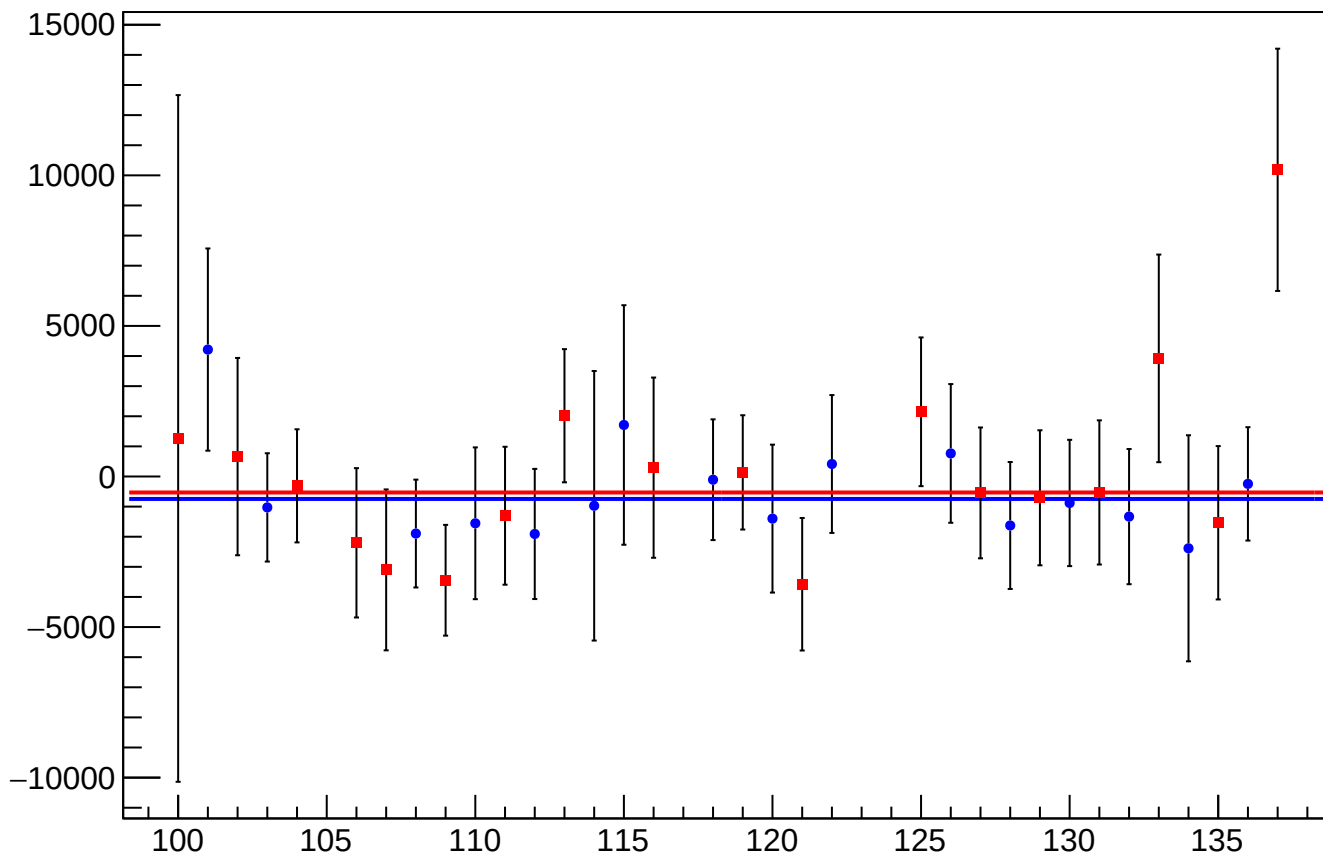
Right: 5720.463+/-1.089 χ^2 /NDF: 1394599.9/33

In: 6111.037+/-1.641 χ^2 /NDF:471661.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5720.463+/-1.089 χ^2 /NDF: 1394599.9/33

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -745.918+/-578.071 χ^2/NDF : 4.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -531.302+/-575.115 χ^2/NDF : 17.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

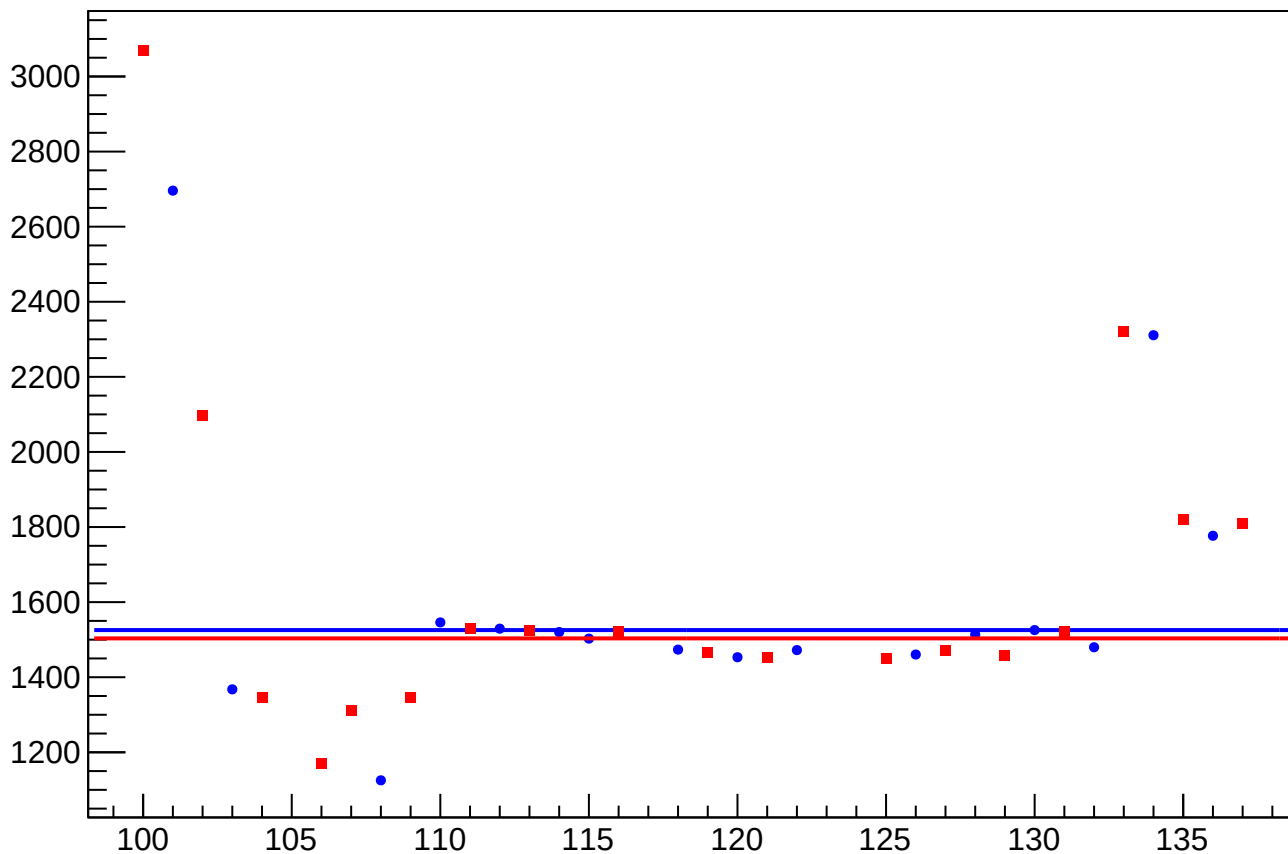
Right: -638.060+/-407.709 χ^2/NDF : 22.6/33

In: -745.918+/-578.071 χ^2/NDF : 4.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -638.060+/-407.709 χ^2/NDF : 22.6/33

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1525.536+/-0.409 χ^2/NDF : 488327.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1503.435+/-0.407 χ^2/NDF : 338507.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

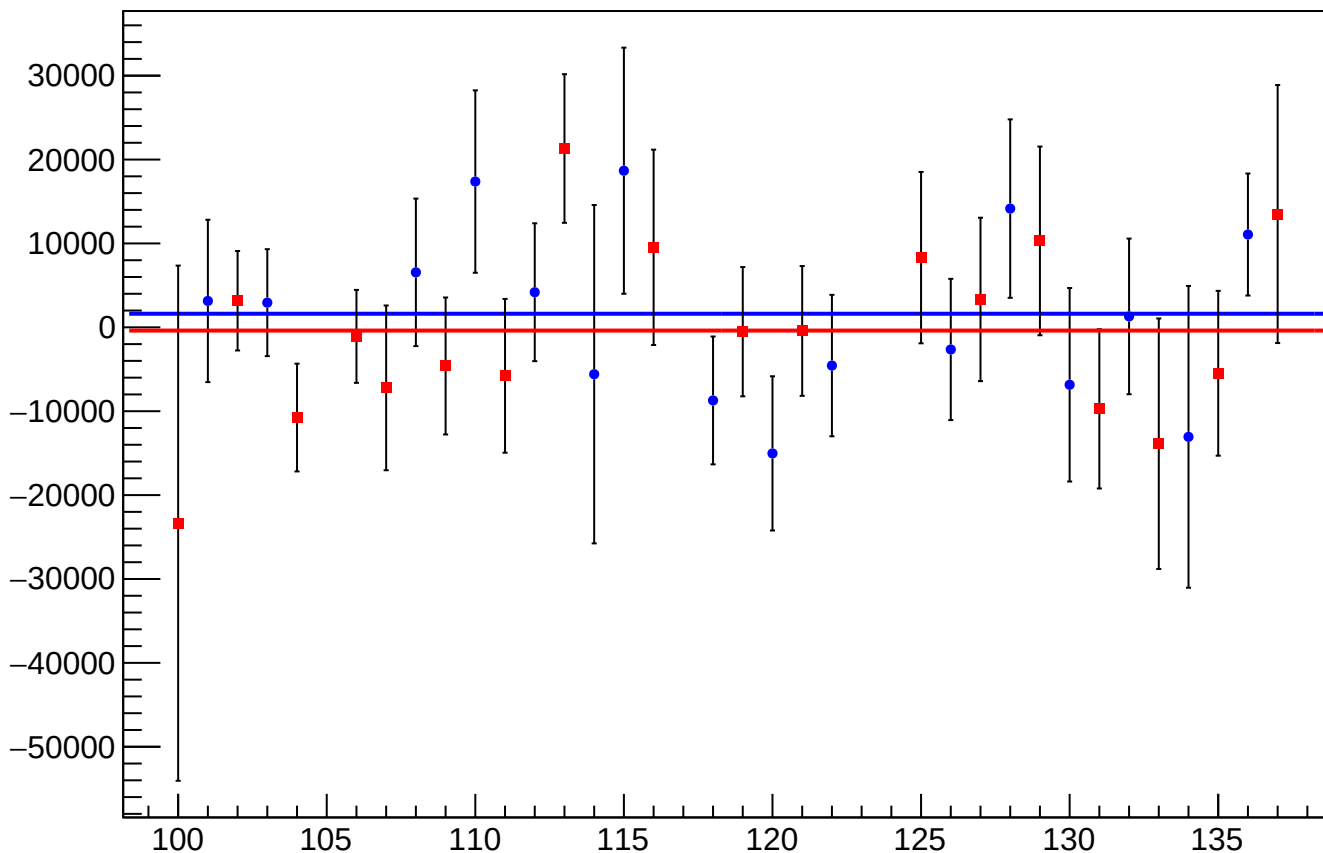
Right: 1514.425+/-0.288 χ^2/NDF : 828305.2/33

In: 1525.536+/-0.409 χ^2/NDF : 488327.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1514.425+/-0.288 χ^2/NDF : 828305.2/33

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1620.038 $\pm$ 2320.027 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -385.948 $\pm$ 2060.863 χ^2 /NDF: 16.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

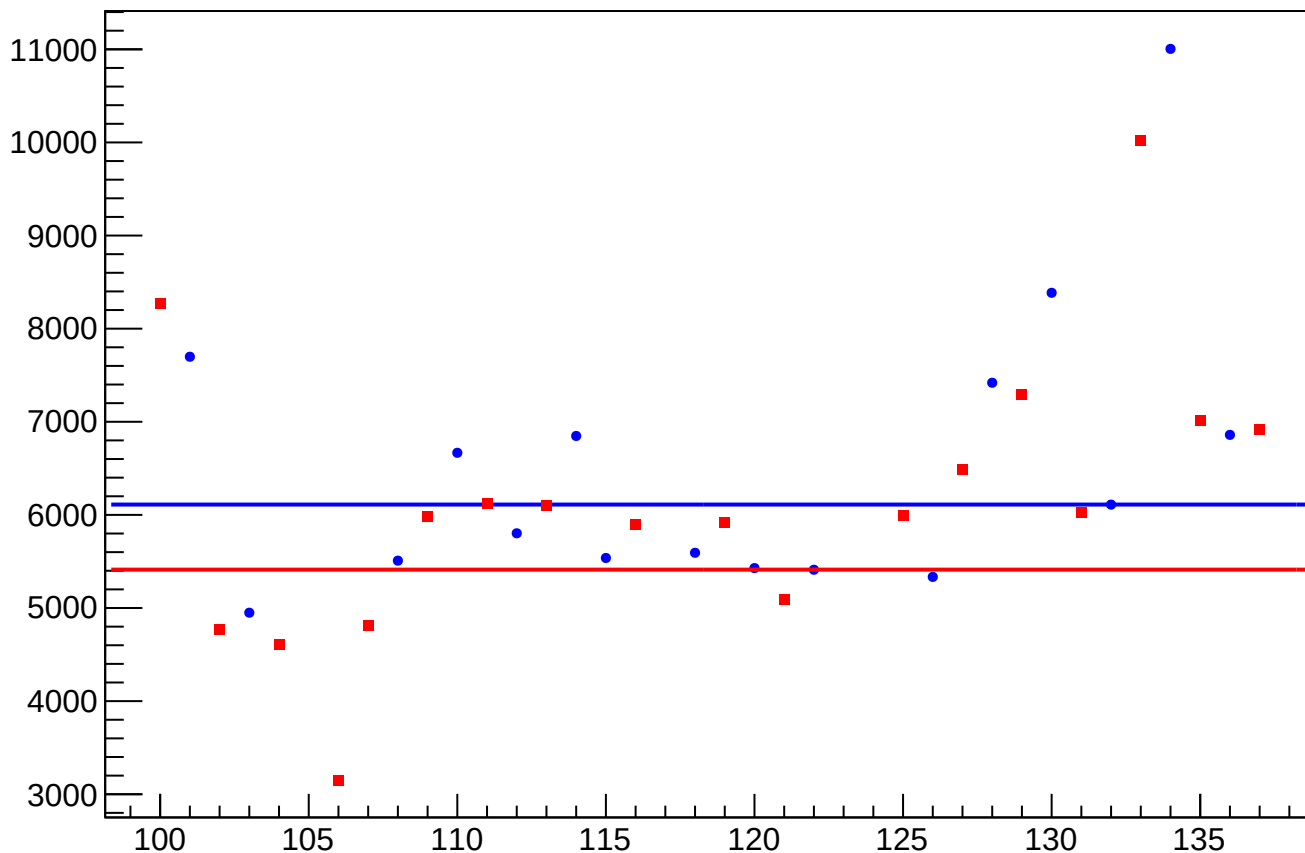
Right: 498.789 $\pm$ 1540.764 χ^2 /NDF: 30.7/33

In: 1620.038 $\pm$ 2320.027 χ^2 /NDF:14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 498.789 $\pm$ 1540.764 χ^2 /NDF: 30.7/33

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 6111.023+/-1.641 χ^2/NDF : 471663.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5412.265+/-1.457 χ^2/NDF : 821530.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

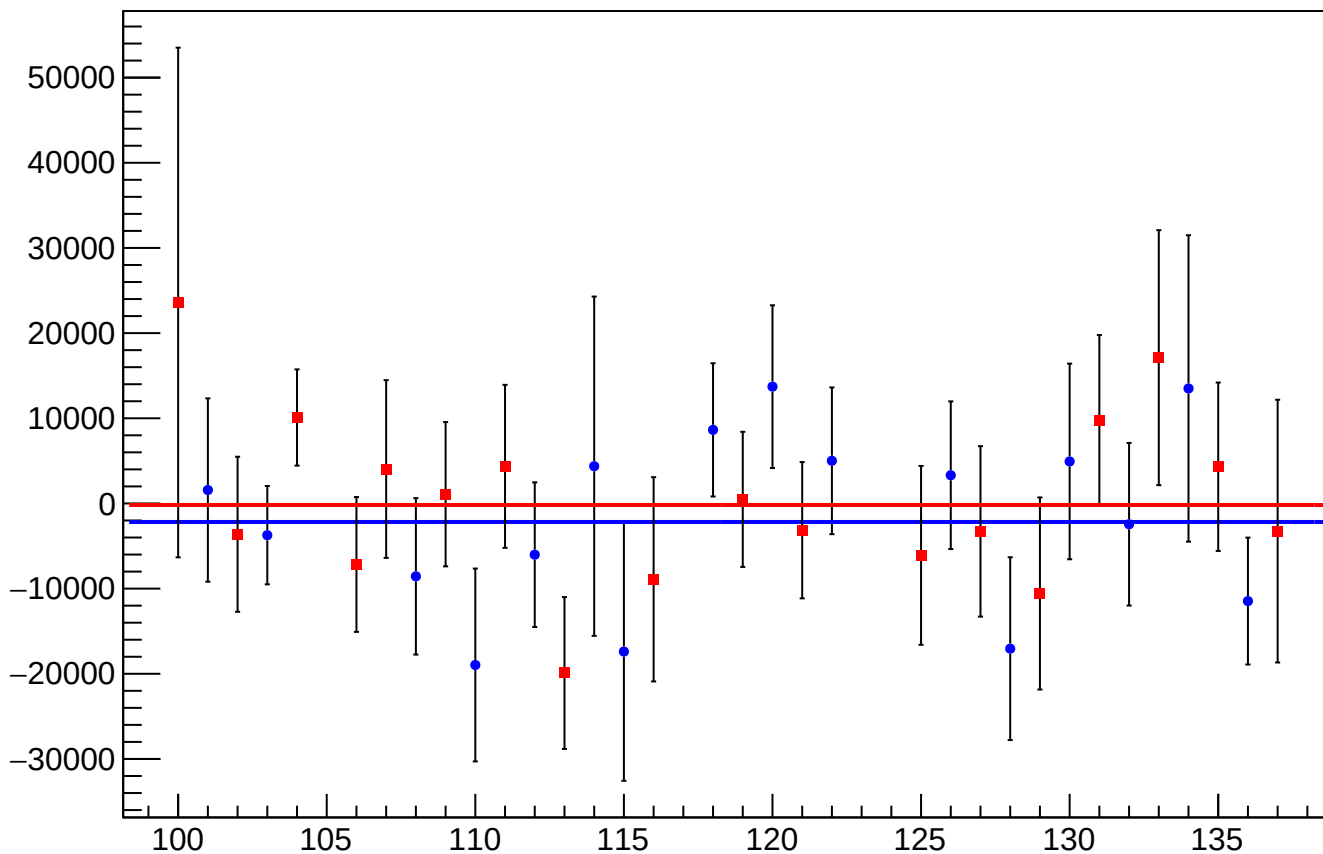
Right: 5720.451+/-1.089 χ^2/NDF : 1394602.1/33

In: 6111.023+/-1.641 χ^2/NDF :471663.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5720.451+/-1.089 χ^2/NDF : 1394602.1/33

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2174.048+/-2347.664 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -183.559+/-2228.883 χ^2/NDF : 14.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

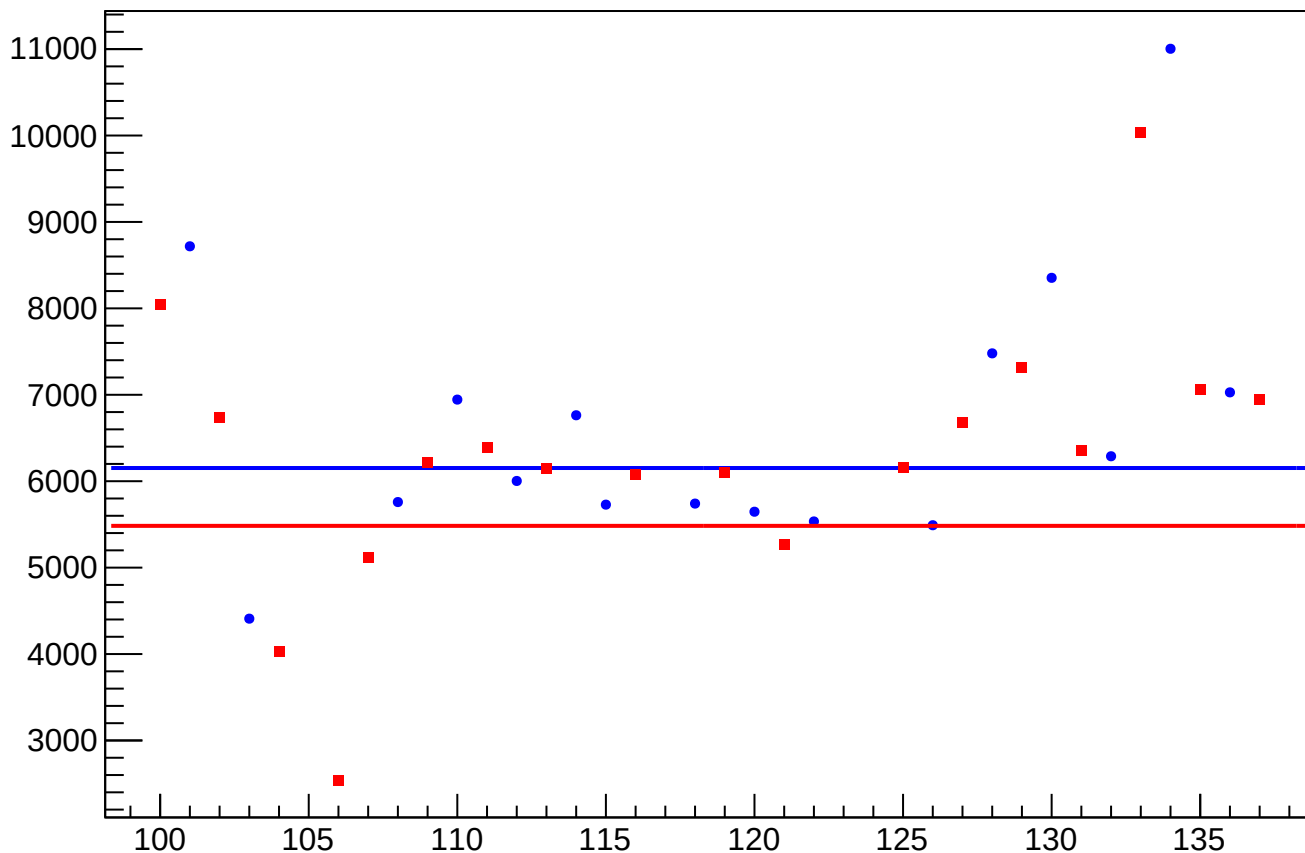
Right: -1127.176+/-1616.419 χ^2/NDF : 29.6/33

In: -2174.048+/-2347.664 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1127.176+/-1616.419 χ^2/NDF : 29.6/33

asym_us_avg_at2lr_avg_dd_rms vs Slug, Sign Corrected



Right In: 6152.690+/-1.660 χ^2/NDF : 624026.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5483.337+/-1.519 χ^2/NDF : 1148712.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

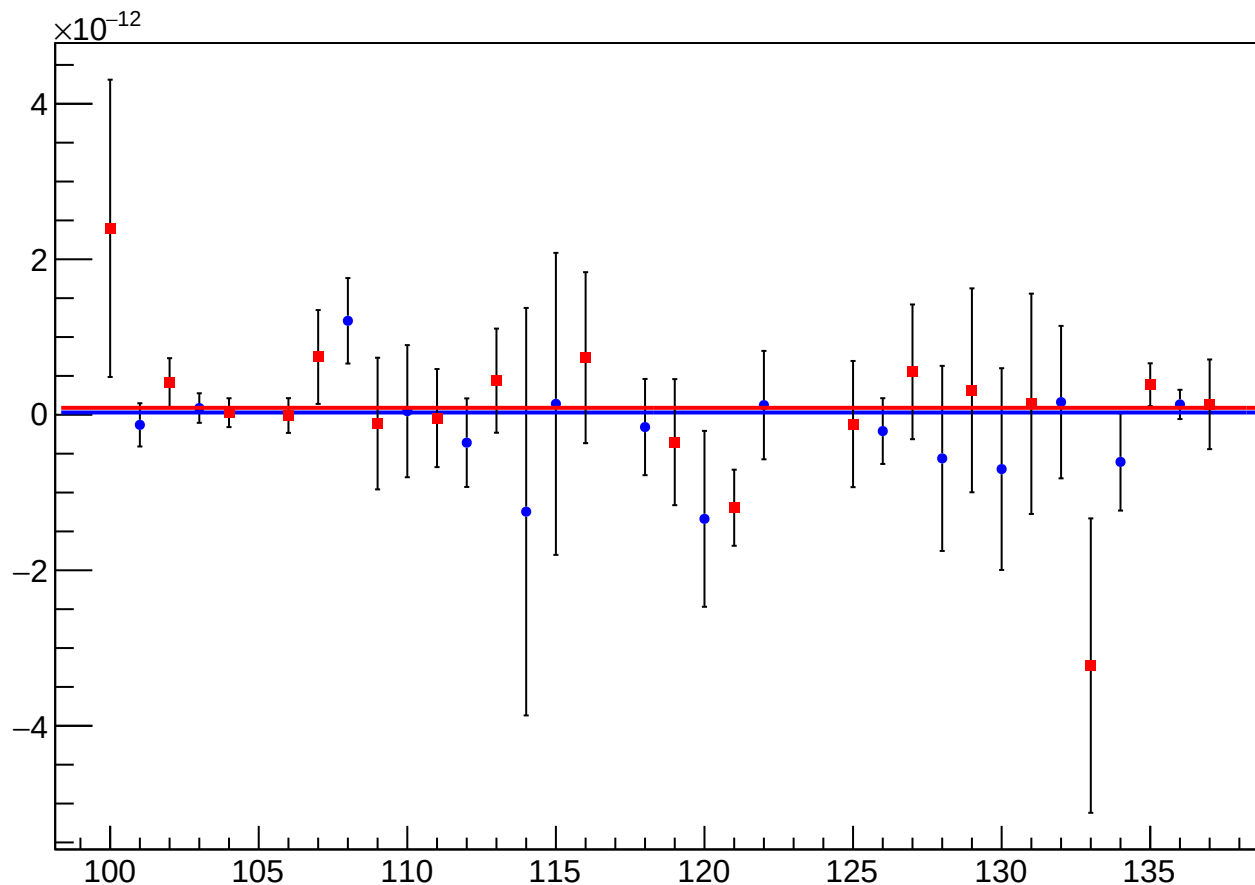
Right: 5788.476+/-1.121 χ^2/NDF : 1861205.2/33

In: 6152.690+/-1.660 χ^2/NDF : 624026.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5788.476+/-1.121 χ^2/NDF : 1861205.2/33

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

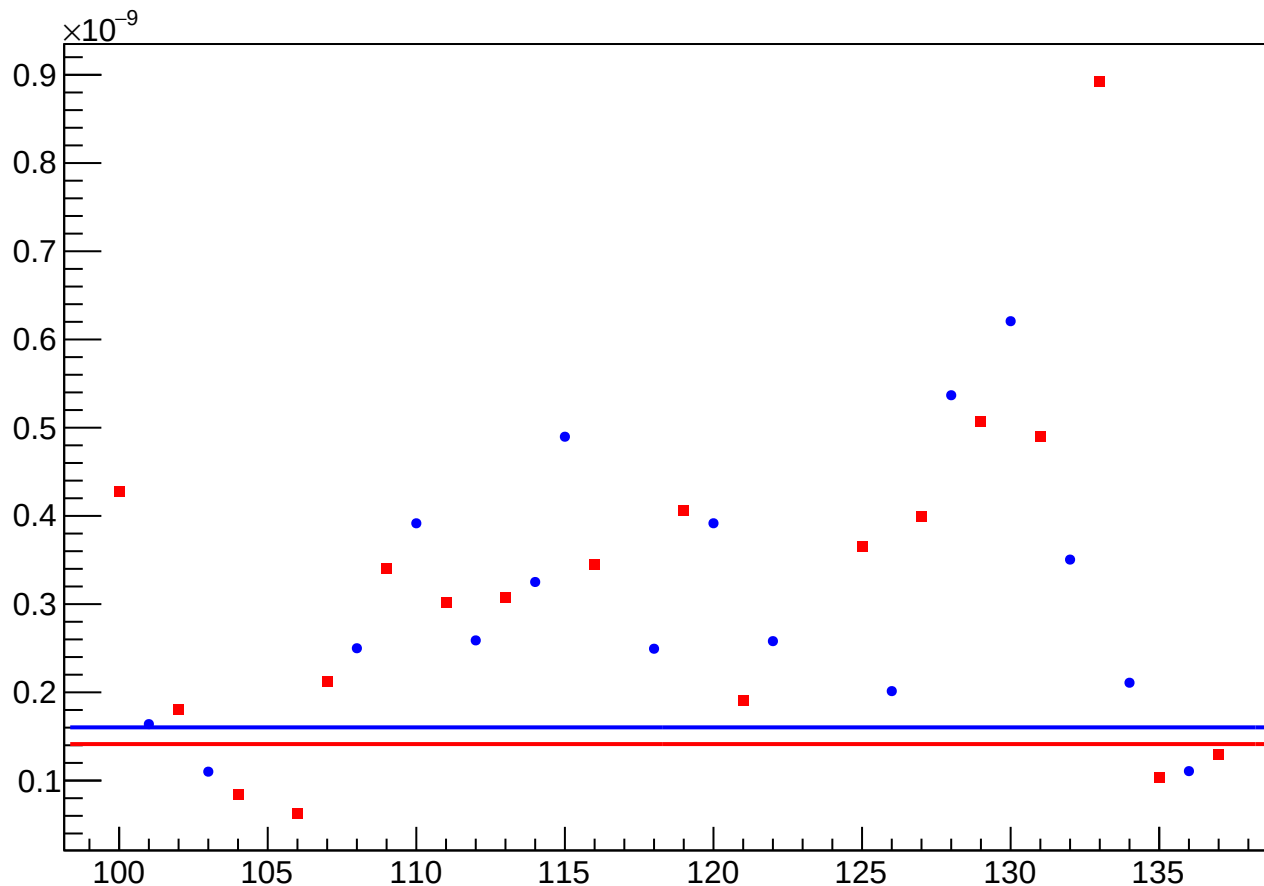
Right: 0.000+/-0.000 χ^2/NDF : 26.2/33

In: 0.000+/-0.000 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 26.2/33

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1329606.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2165946.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

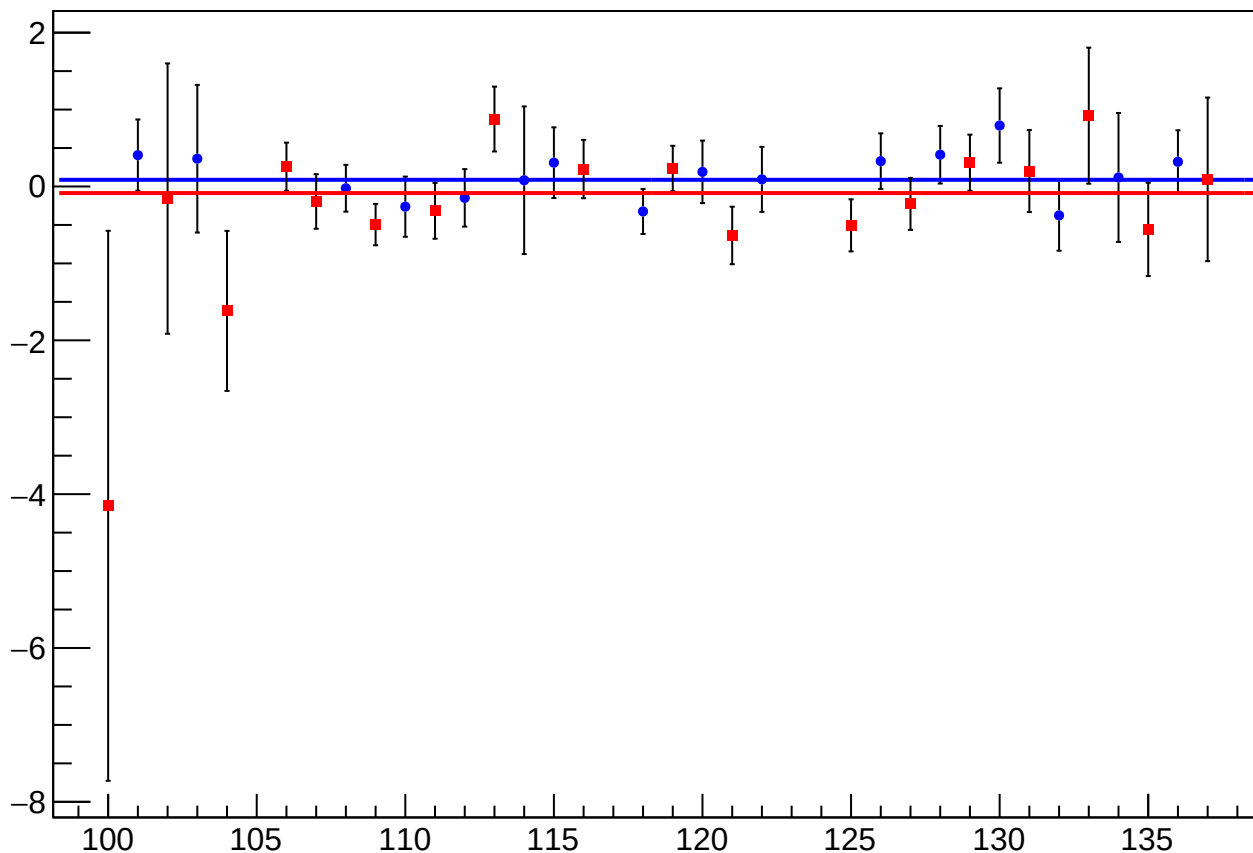
Right: 0.000+/-0.000 χ^2/NDF : 3529311.8/33

In: 0.000+/-0.000 χ^2/NDF : 1329606.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3529311.8/33

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.105 χ^2/NDF : 8.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.097 χ^2/NDF : 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

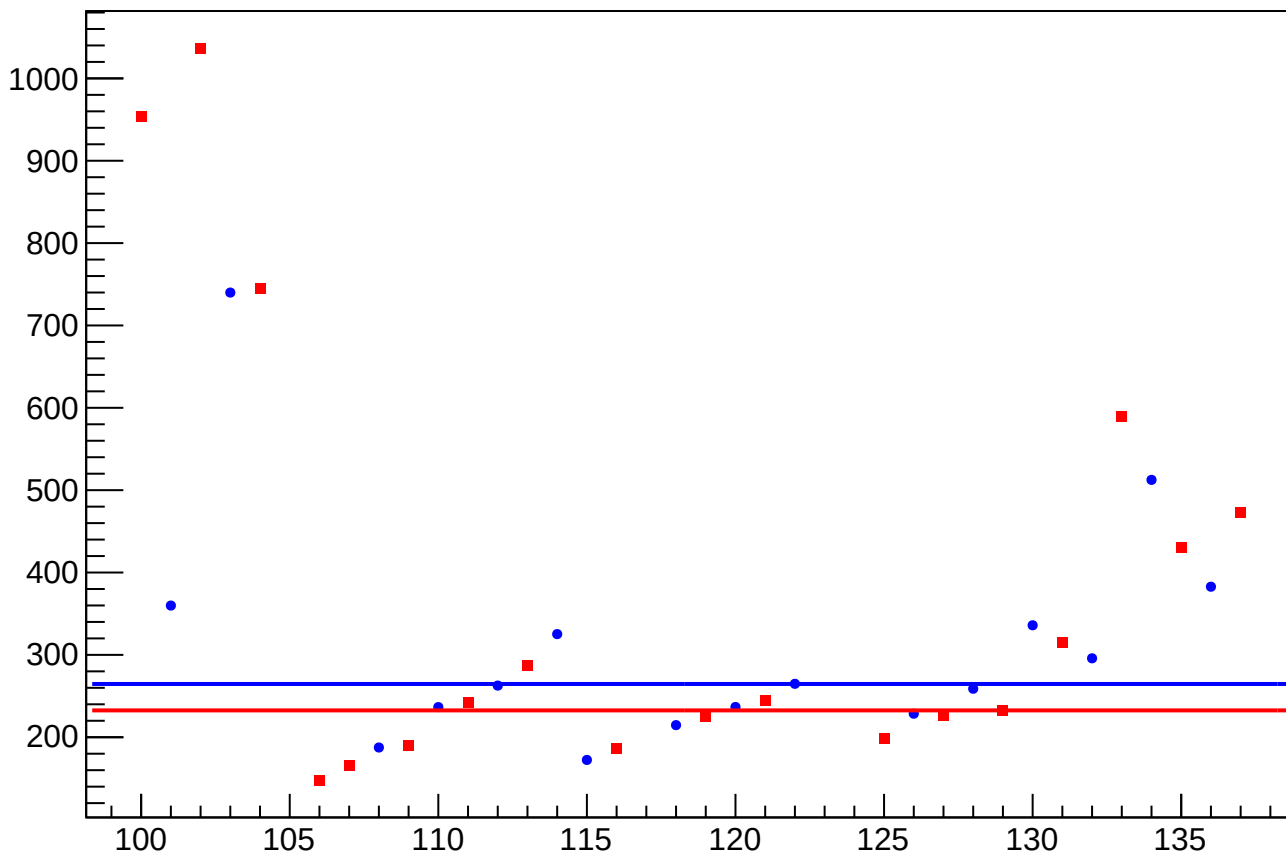
Right: -0.006+/-0.071 χ^2/NDF : 32.1/33

In: 0.087+/-0.105 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.071 χ^2/NDF : 32.1/33

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 264.667 $\pm$ 0.074 χ^2 /NDF: 1284007.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.596 $\pm$ 0.069 χ^2 /NDF: 2032662.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

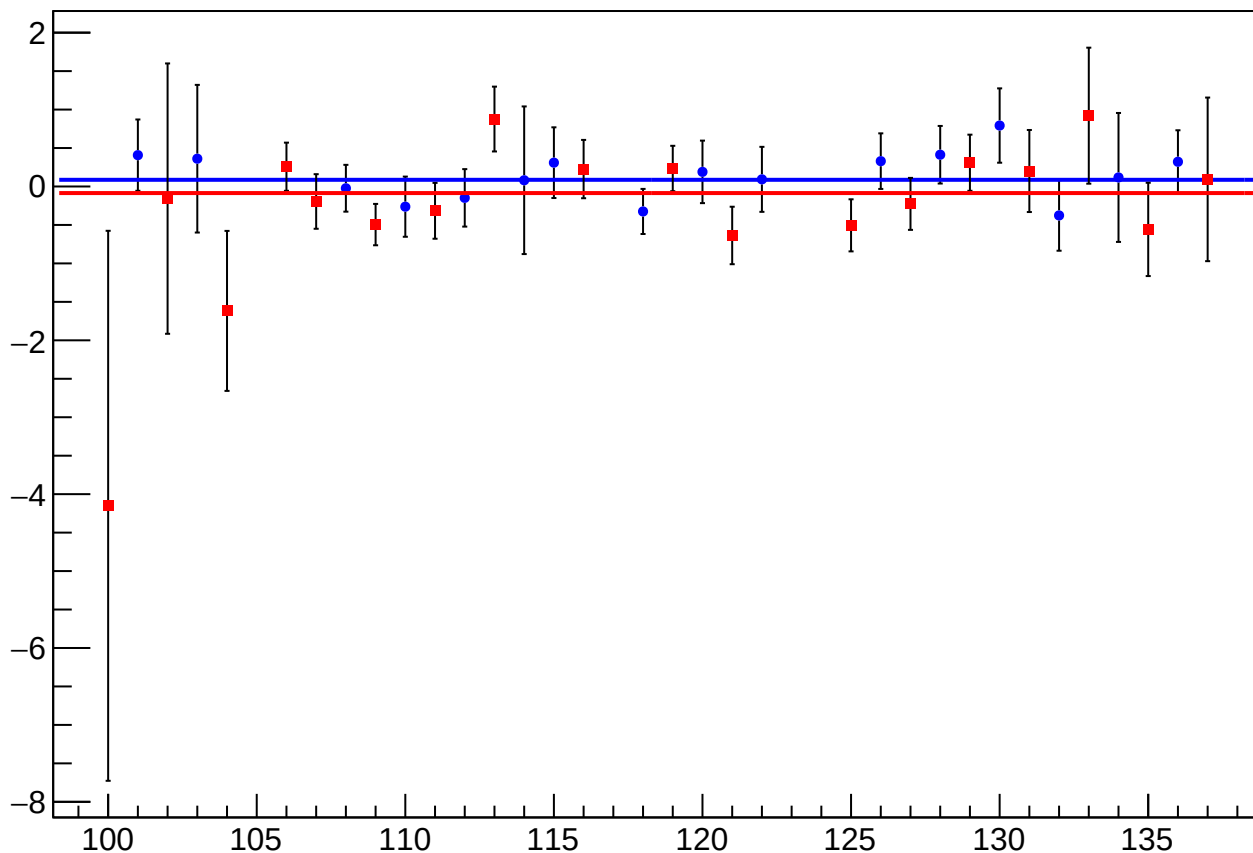
Right: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416944.1/33

In: 264.667 $\pm$ 0.074 χ^2 /NDF:1284007.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416944.1/33

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.087 $\pm$ 0.105 χ^2 /NDF: 8.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.086 $\pm$ 0.097 χ^2 /NDF: 21.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

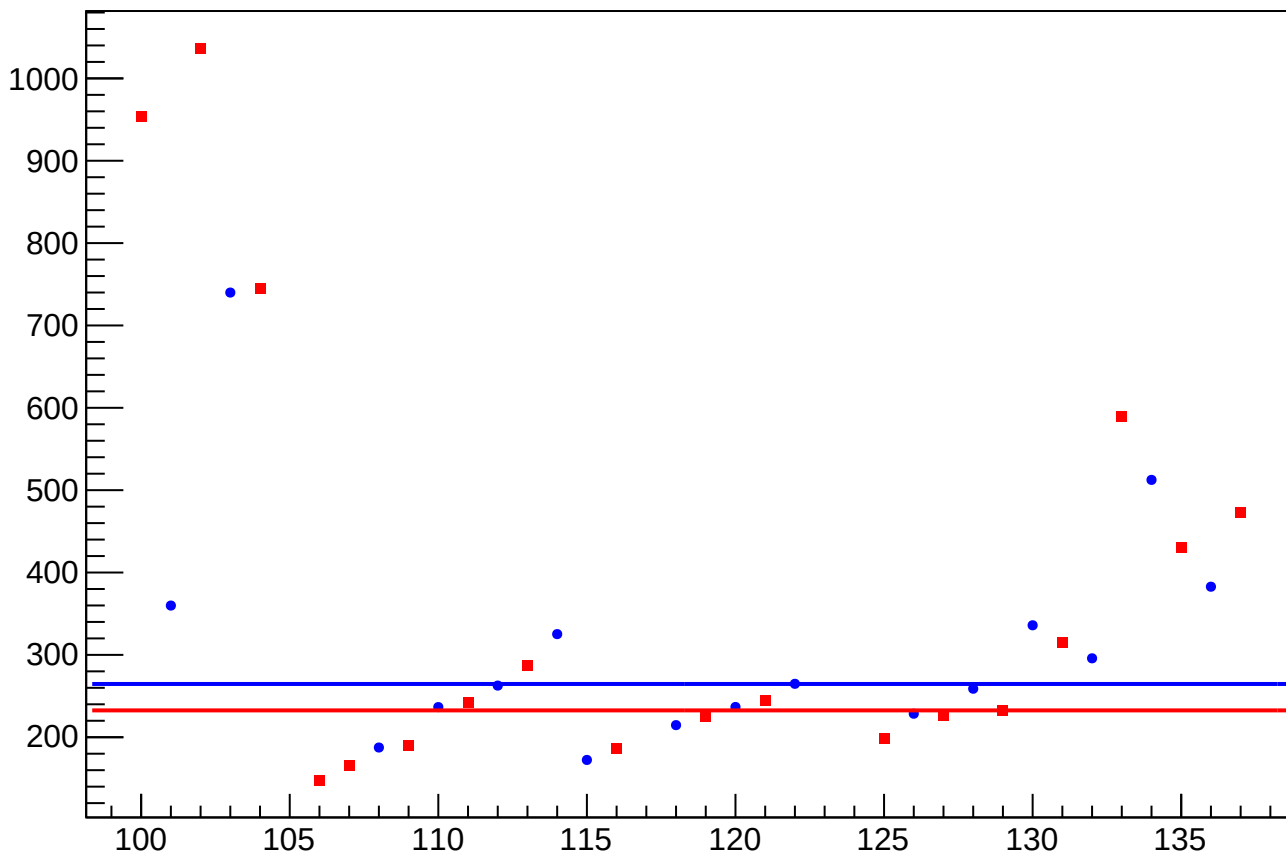
Right: -0.006 $\pm$ 0.071 χ^2 /NDF: 32.1/33

In: 0.087 $\pm$ 0.105 χ^2 /NDF:8.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.006 $\pm$ 0.071 χ^2 /NDF: 32.1/33

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 264.667 $\pm$ 0.074 χ^2 /NDF: 1284007.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.596 $\pm$ 0.069 χ^2 /NDF: 2032662.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

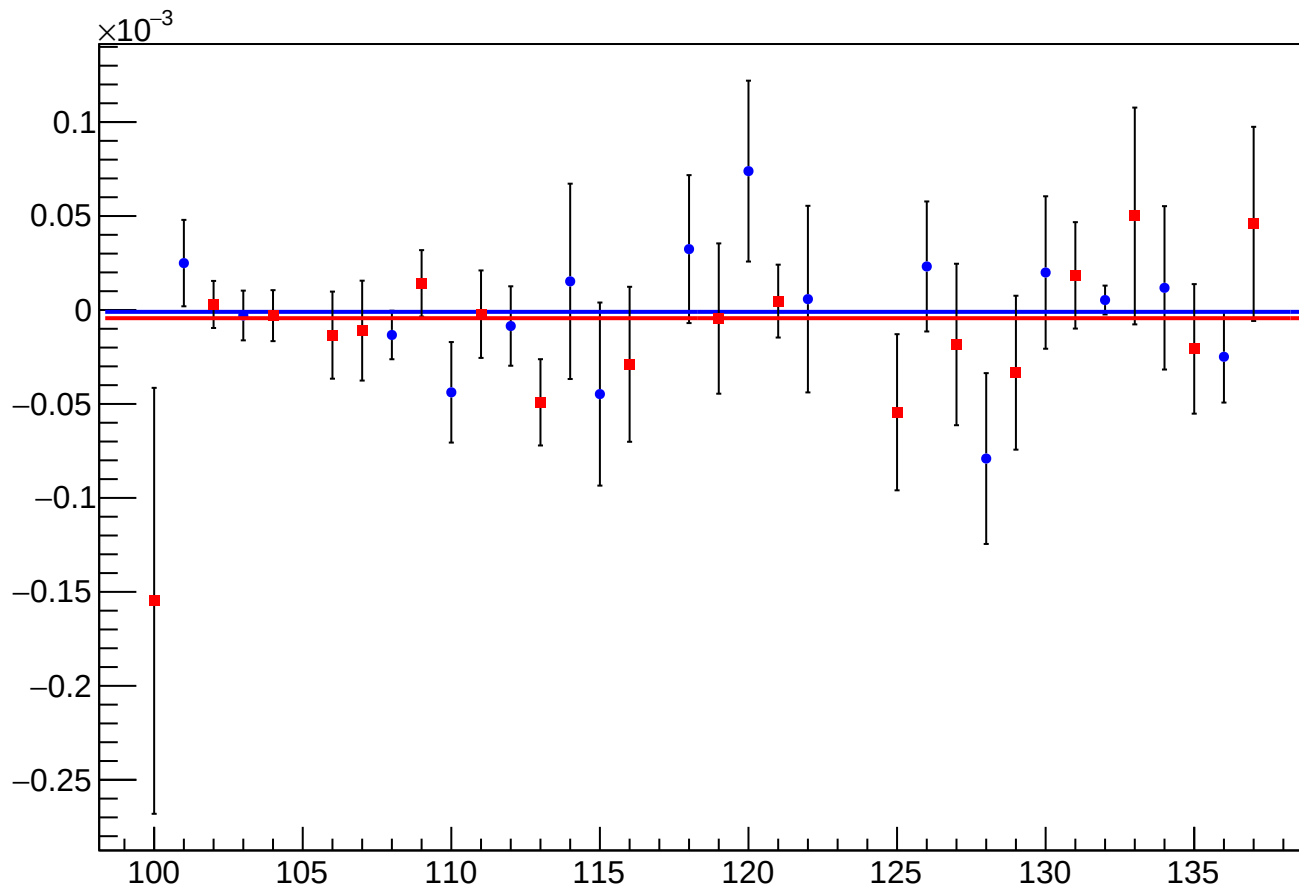
Right: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416944.1/33

In: 264.667 $\pm$ 0.074 χ^2 /NDF:1284007.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416944.1/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

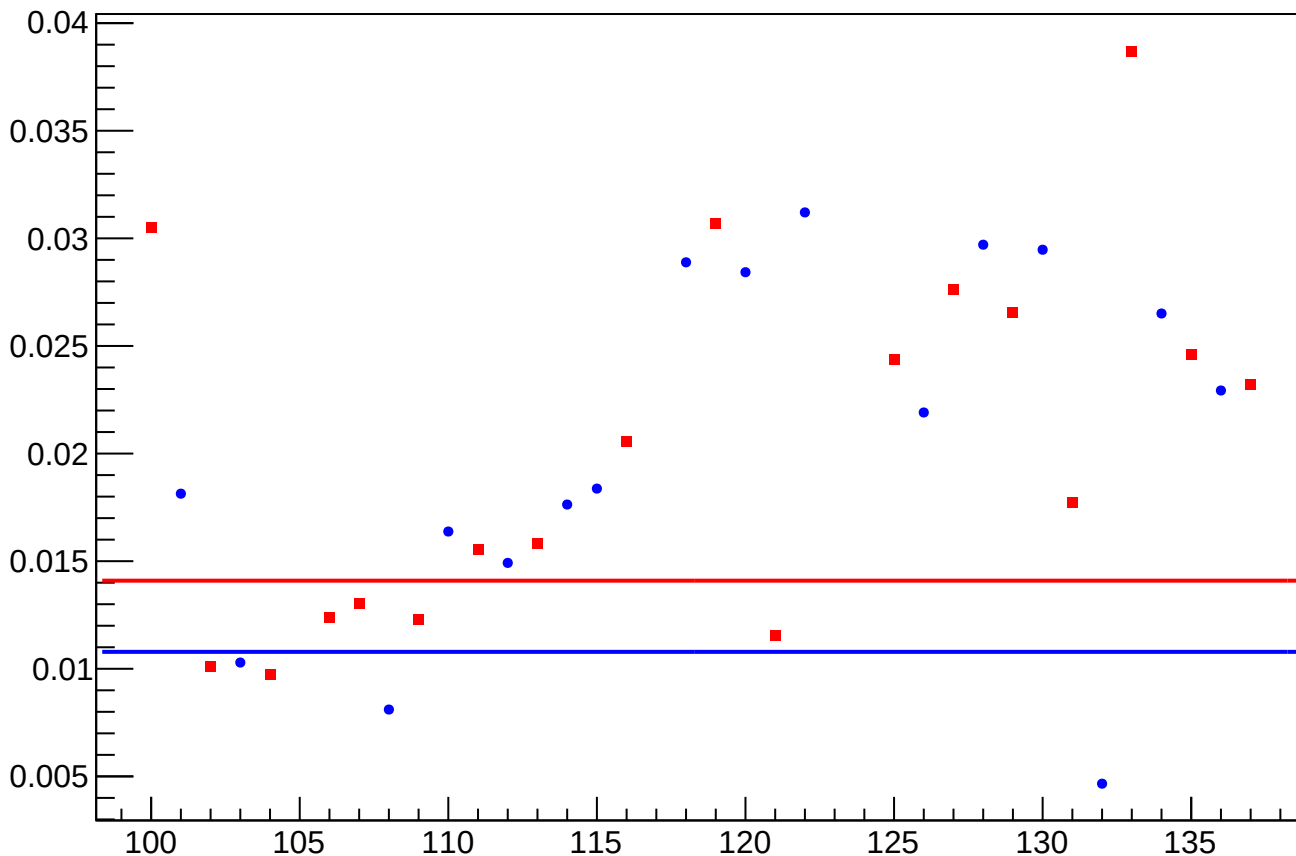
Right: -0.000+/-0.000 χ^2/NDF : 27.2/33

In: -0.000+/-0.000 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.2/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000

χ^2/NDF : 4580054.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 2084942.5/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 7045946.1/33

In: 0.011+/-0.000

χ^2/NDF : 4580054.6/15

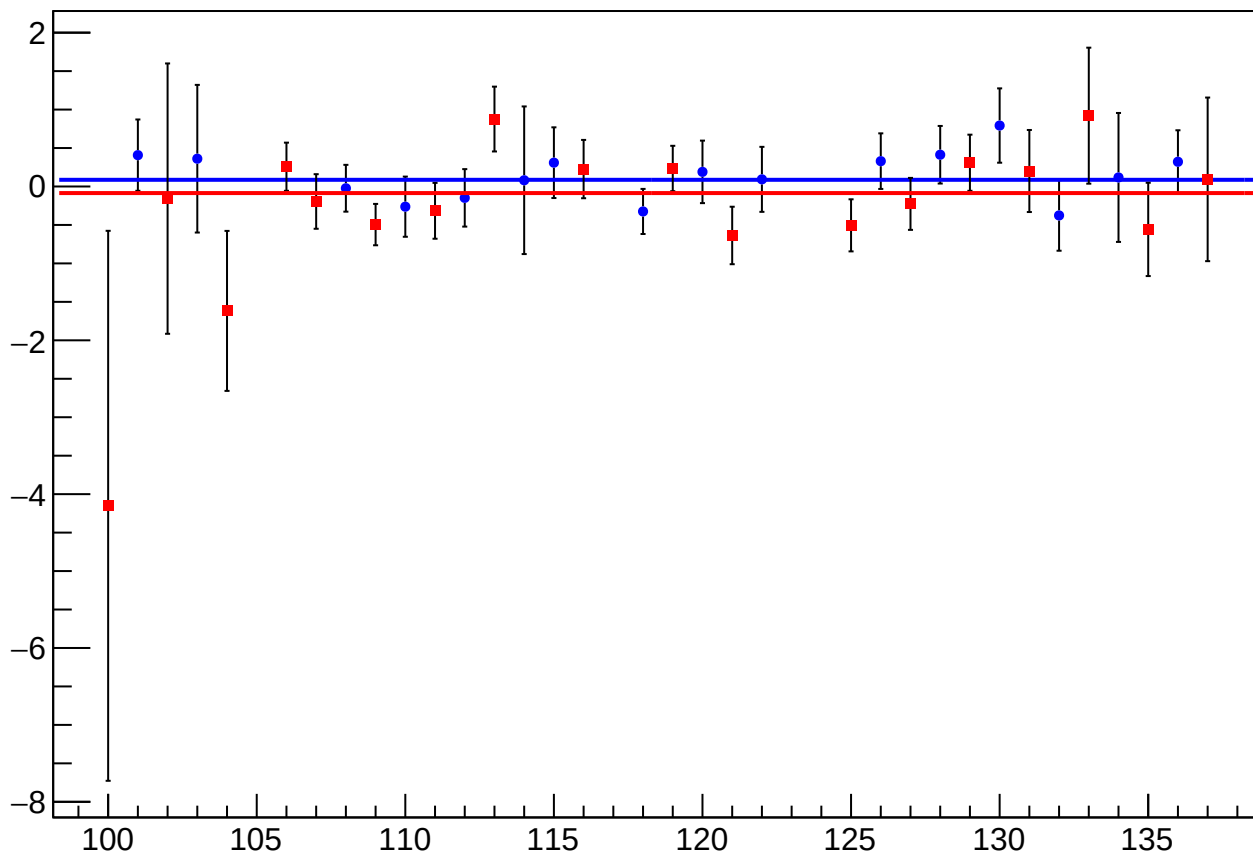
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 7045946.1/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.087+/-0.105 χ^2/NDF : 8.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.086+/-0.097 χ^2/NDF : 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

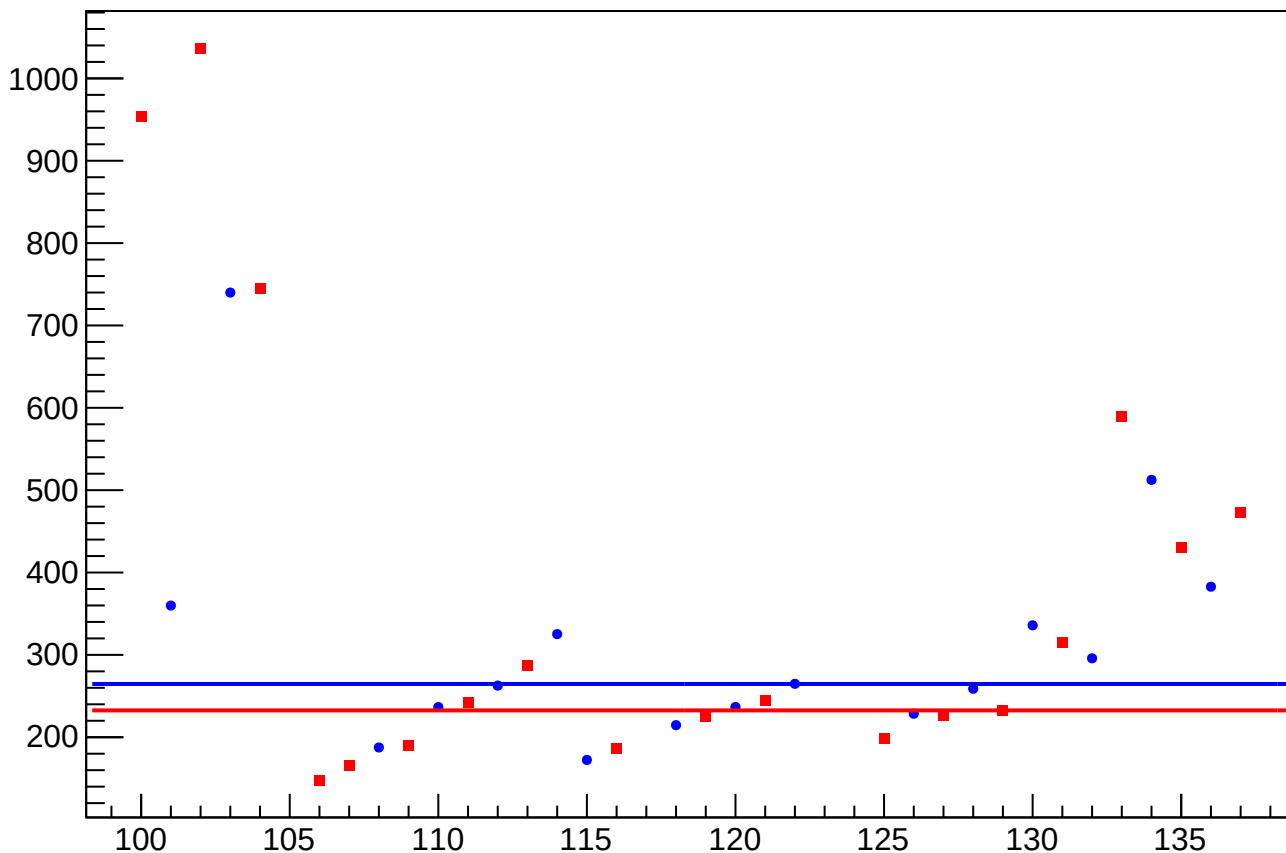
Right: -0.006+/-0.071 χ^2/NDF : 32.1/33

In: 0.087+/-0.105 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.071 χ^2/NDF : 32.1/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 264.667 $\pm$ 0.074 χ^2 /NDF: 1283977.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.596 $\pm$ 0.069 χ^2 /NDF: 2032655.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

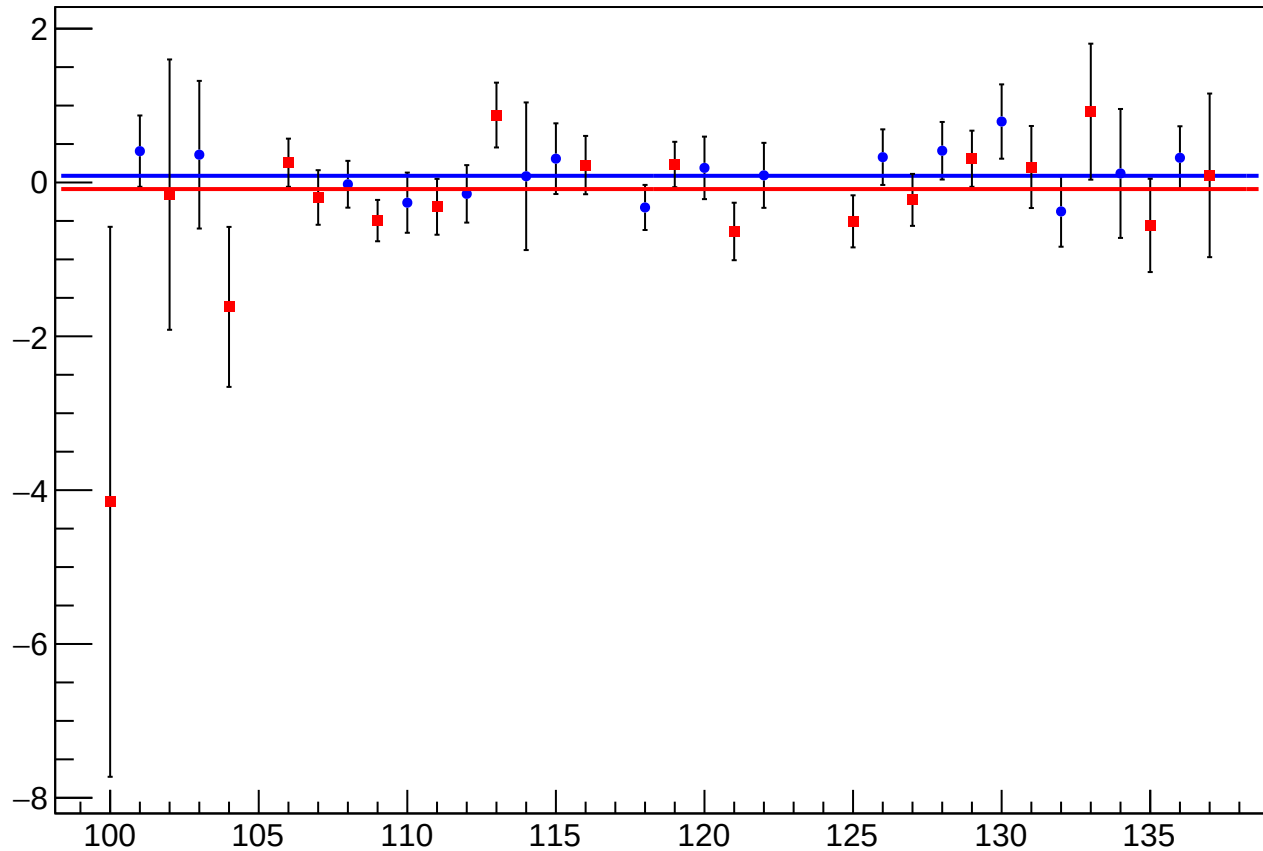
Right: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416901.3/33

In: 264.667 $\pm$ 0.074 χ^2 /NDF:1283977.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 247.407 $\pm$ 0.050 χ^2 /NDF: 3416901.3/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.087 ± 0.105 χ^2/NDF : 8.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.086 ± 0.097 χ^2/NDF : 21.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

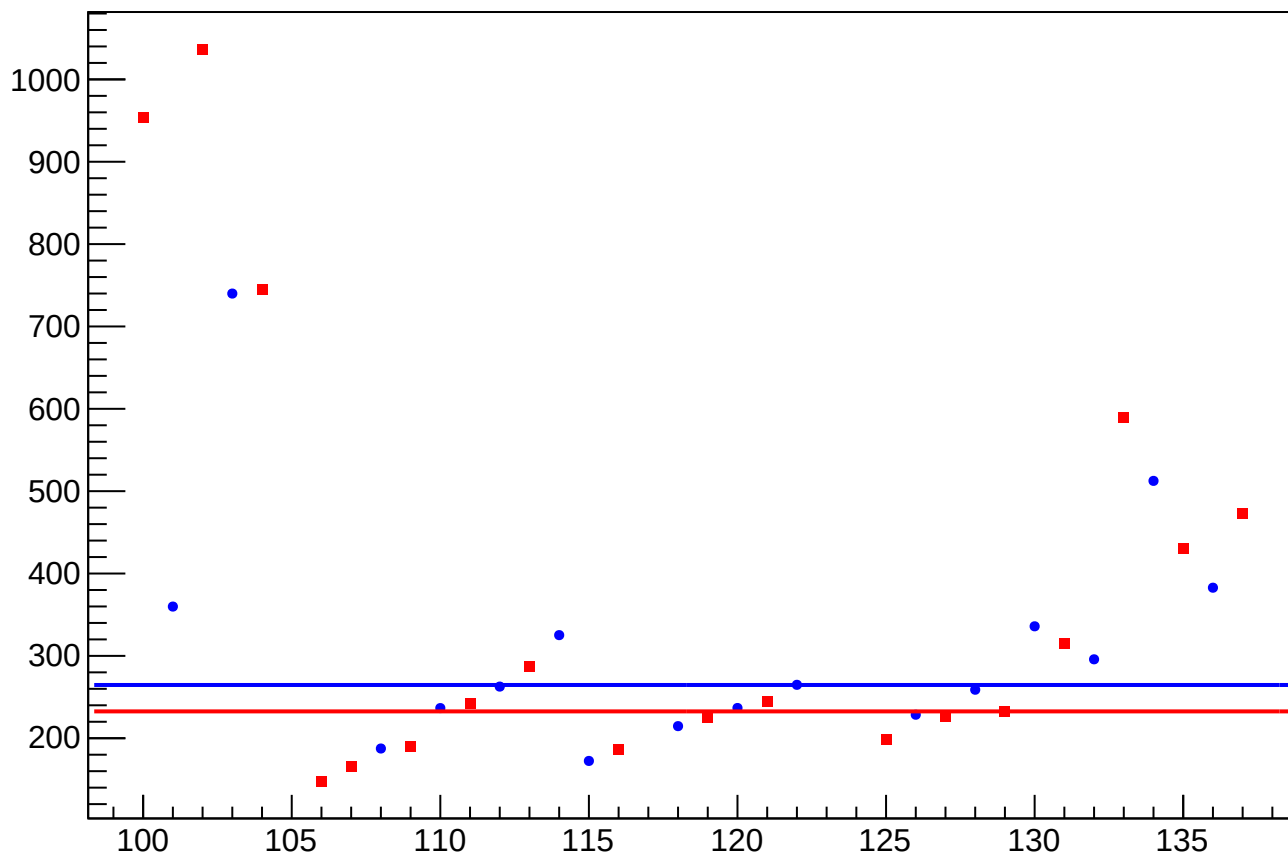
Right: -0.006 ± 0.071 χ^2/NDF : 32.1/33

In: 0.087 ± 0.105 χ^2/NDF : 8.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.071 χ^2/NDF : 32.1/33

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 264.667+/-0.074 χ^2/NDF : 1283977.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.596+/-0.069 χ^2/NDF : 2032655.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

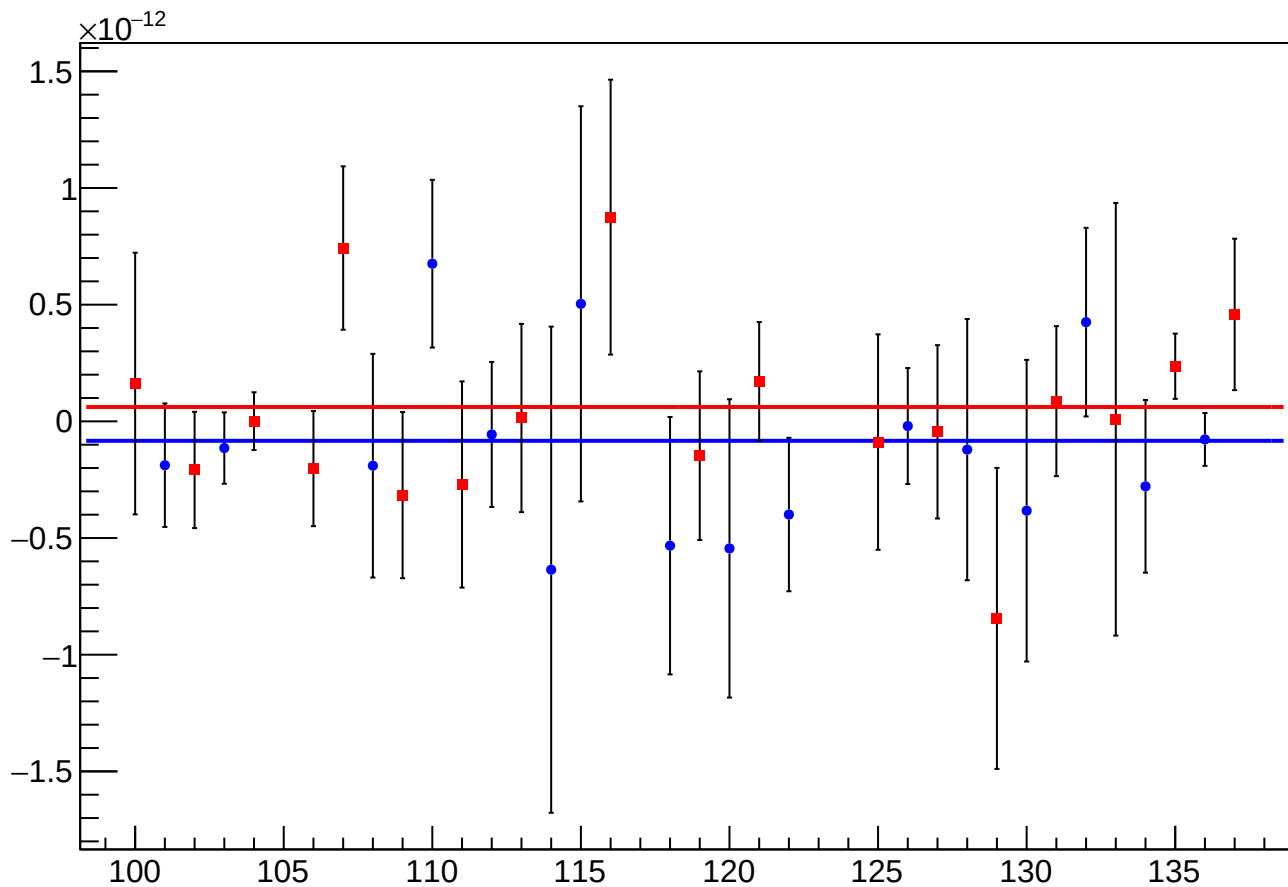
Right: 247.407+/-0.050 χ^2/NDF : 3416901.3/33

In: 264.667+/-0.074 χ^2/NDF : 1283977.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.407+/-0.050 χ^2/NDF : 3416901.3/33

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

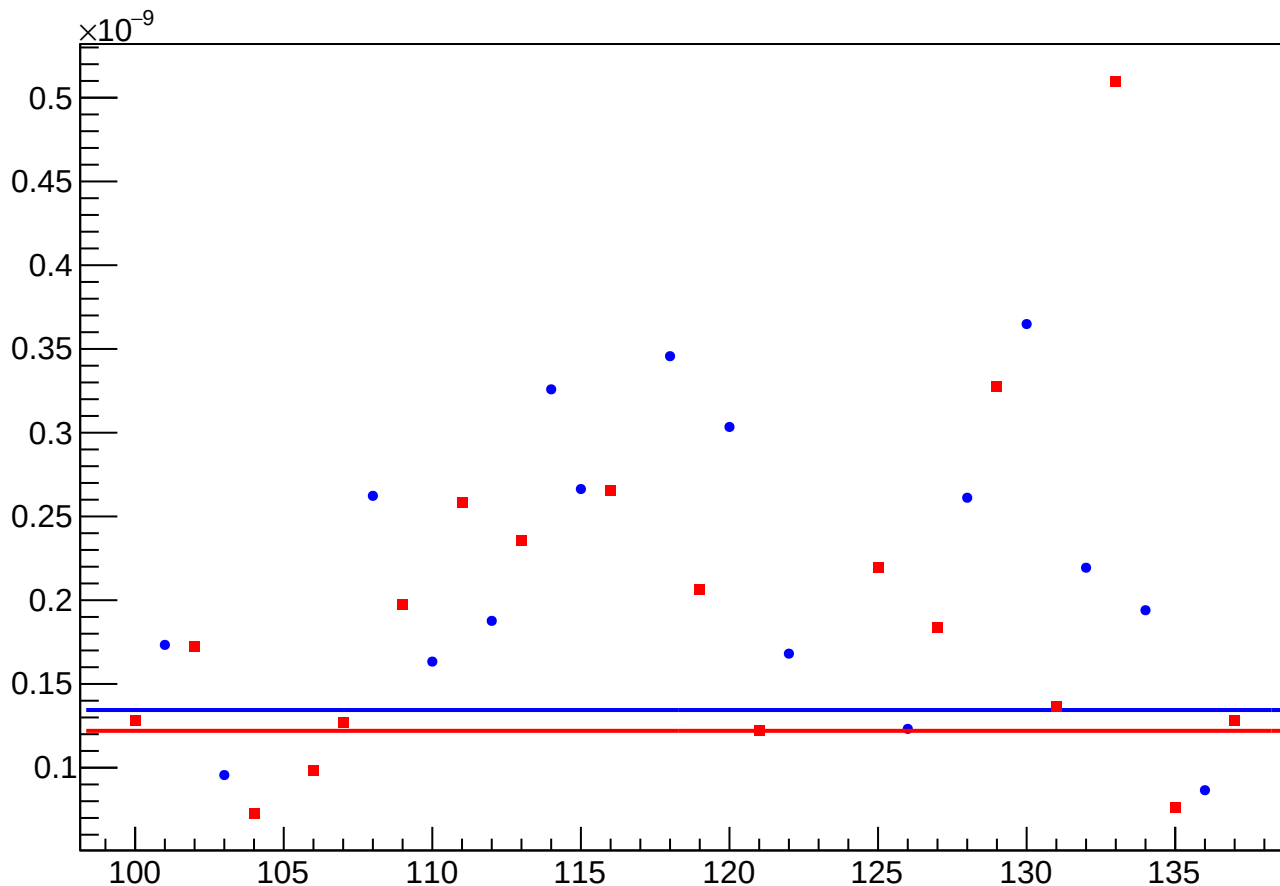
Right: -0.000+/-0.000 χ^2/NDF : 27.8/33

In: -0.000+/-0.000 χ^2/NDF :9.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/33

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1814968.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2003381.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

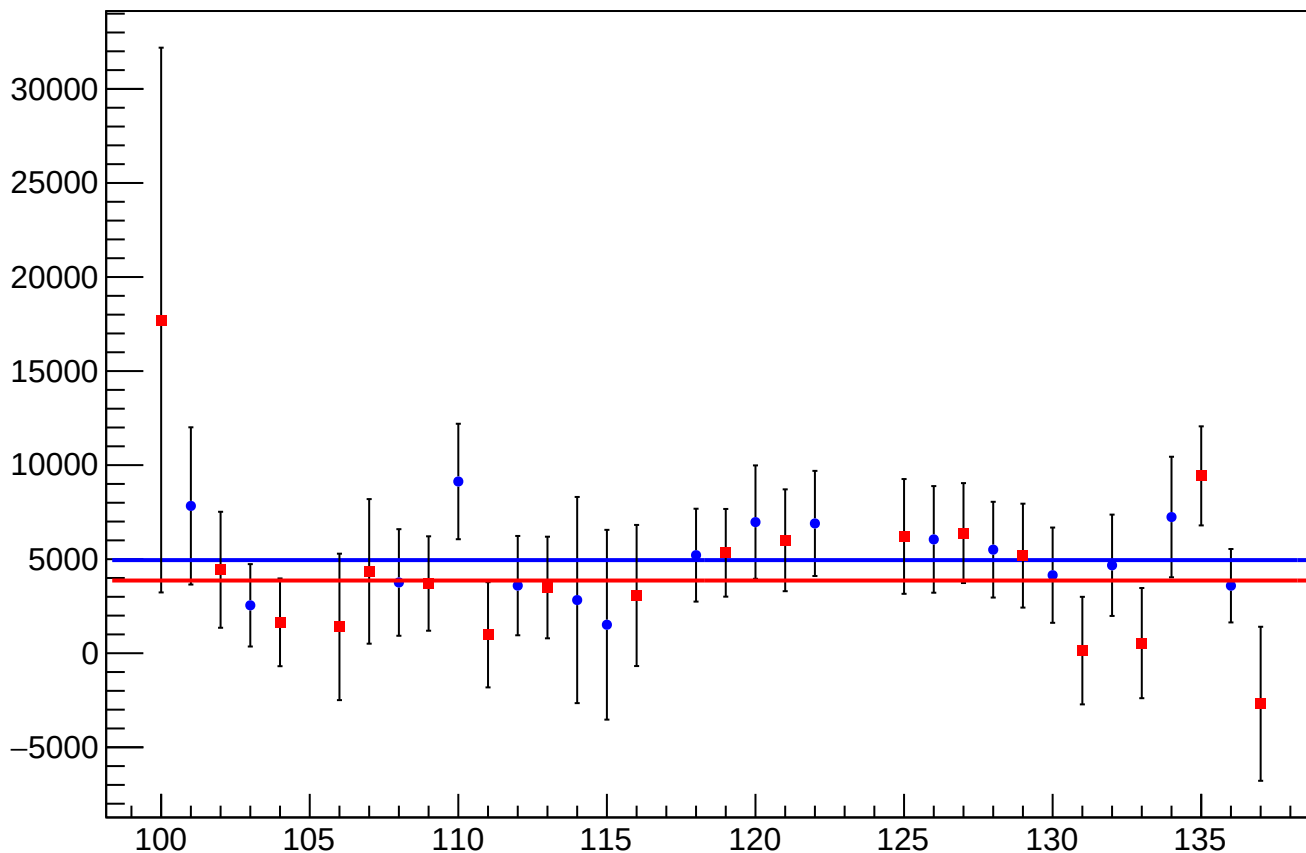
Right: 0.000+/-0.000 χ^2/NDF : 3852912.0/33

In: 0.000+/-0.000 χ^2/NDF : 1814968.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3852912.0/33

reg_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4950.321+/-698.937 χ^2/NDF : 6.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3865.145+/-695.781 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

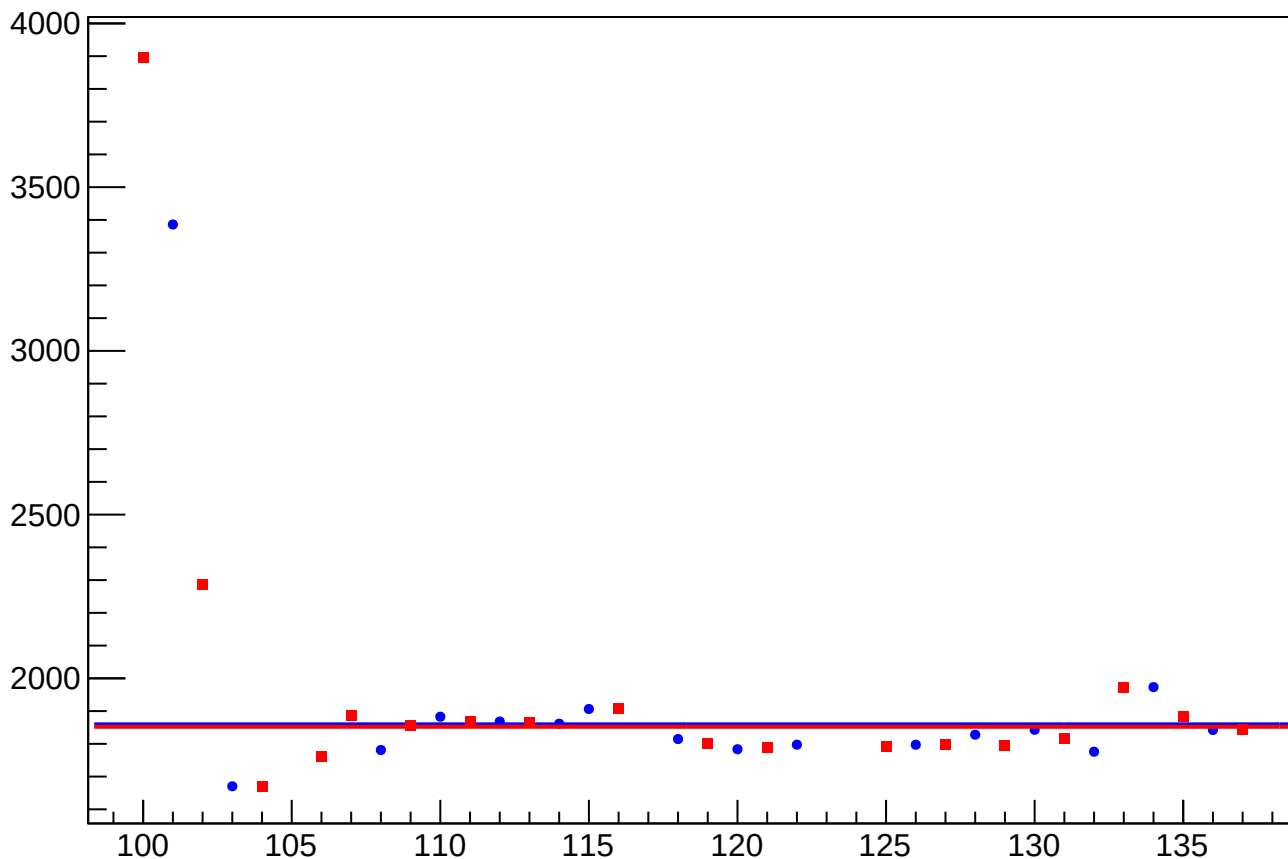
Right: 4405.277+/-493.103 χ^2/NDF : 24.2/33

In: 4950.321+/-698.937 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4405.277+/-493.103 χ^2/NDF : 24.2/33

reg_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1859.509+/-0.494 χ^2/NDF : 292334.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.065+/-0.490 χ^2/NDF : 102212.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

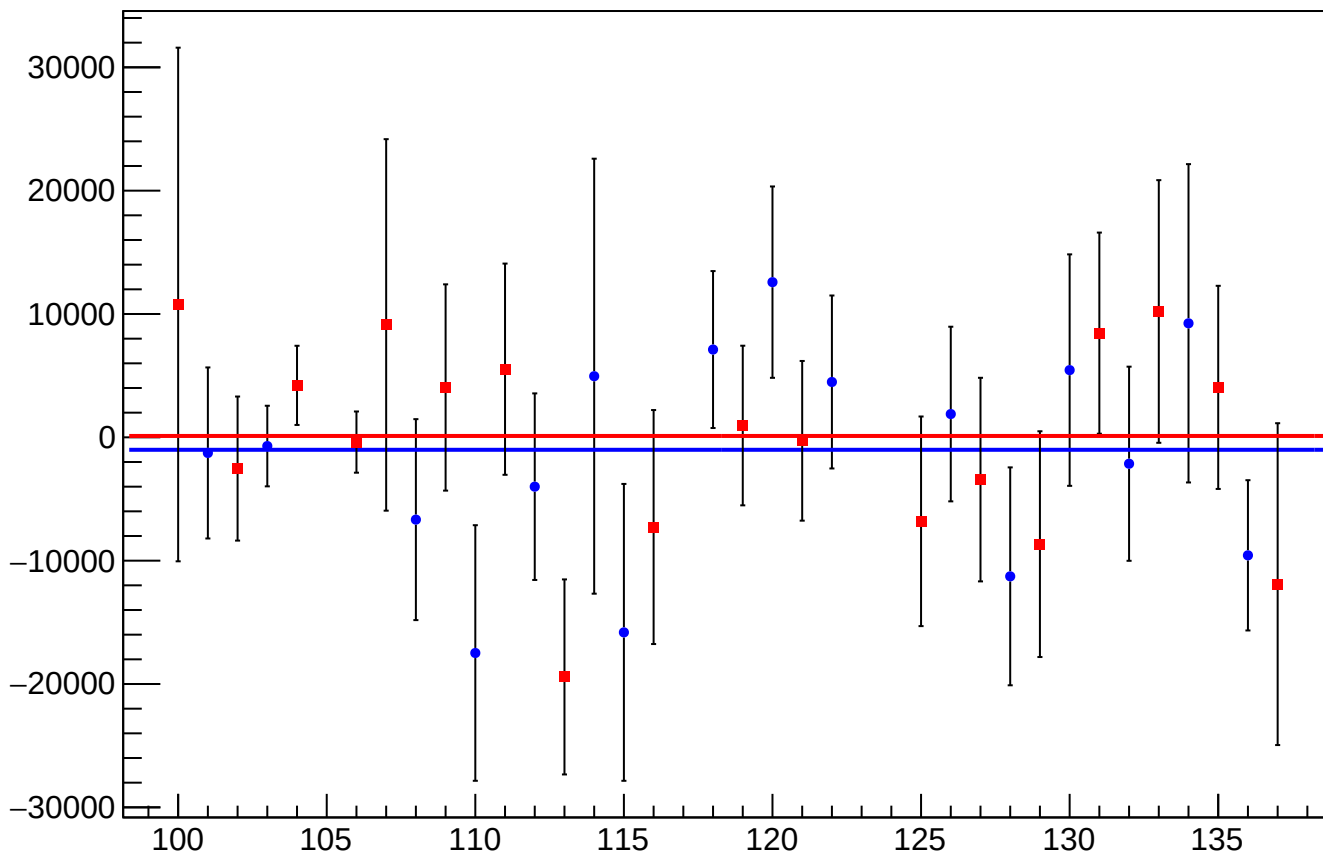
Right: 1855.759+/-0.348 χ^2/NDF : 394661.4/33

In: 1859.509+/-0.494 χ^2/NDF : 292334.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.759+/-0.348 χ^2/NDF : 394661.4/33

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1010.288+/-1764.180 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.261+/-1438.515 χ^2/NDF : 14.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

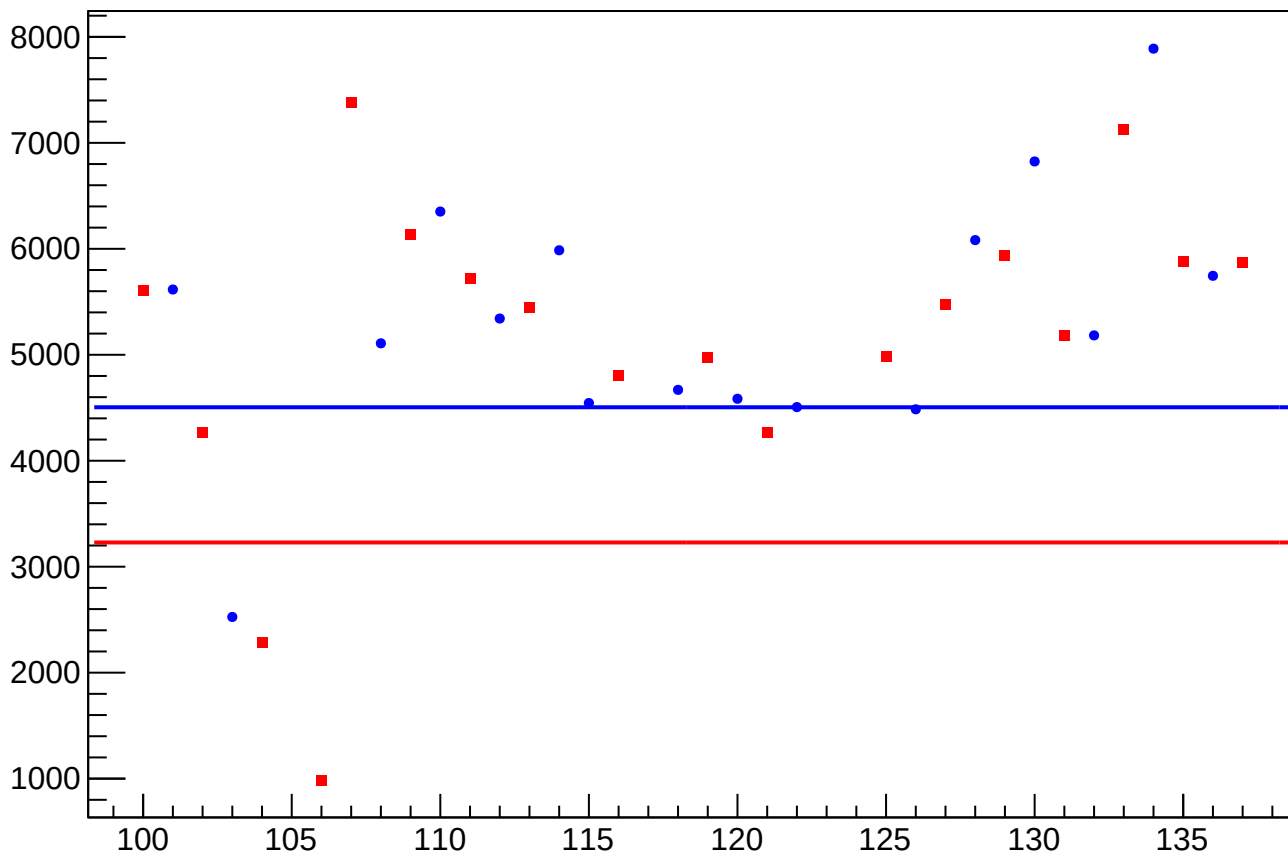
Right: -336.636+/-1114.867 χ^2/NDF : 29.6/33

In: -1010.288+/-1764.180 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -336.636+/-1114.867 χ^2/NDF : 29.6/33

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 4504.788+/-1.247 χ^2/NDF : 1321104.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3228.605+/-1.017 χ^2/NDF : 3956397.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

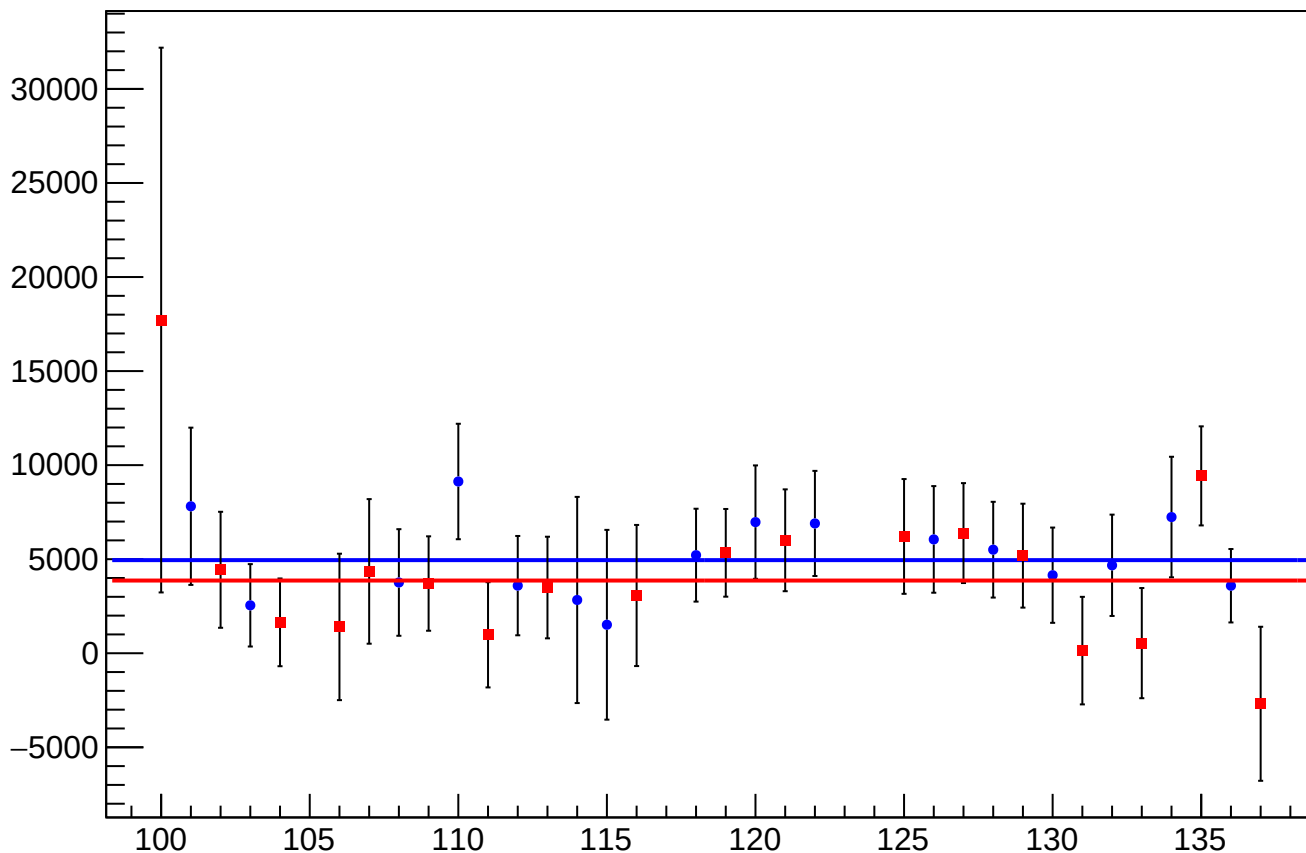
Right: 3738.256+/-0.788 χ^2/NDF : 5906121.0/33

In: 4504.788+/-1.247 χ^2/NDF : 1321104.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3738.256+/-0.788 χ^2/NDF : 5906121.0/33

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.838 $\pm$ 698.937 χ^2 /NDF: 6.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3864.930 $\pm$ 695.781 χ^2 /NDF: 16.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

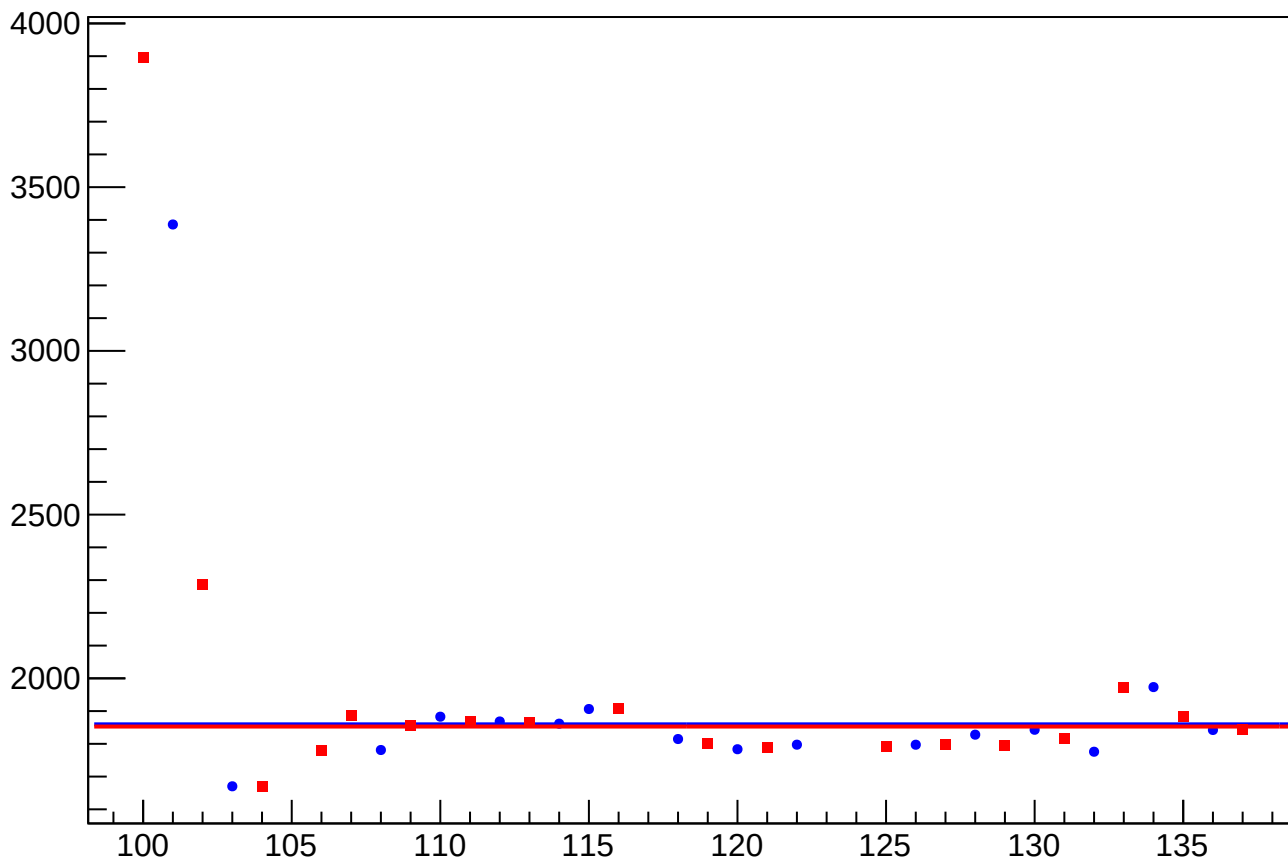
Right: 4404.929 $\pm$ 493.103 χ^2 /NDF: 24.2/33

In: 4949.838 $\pm$ 698.937 χ^2 /NDF:6.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4404.929 $\pm$ 493.103 χ^2 /NDF: 24.2/33

cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.770+/-0.491 χ^2/NDF : 101750.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

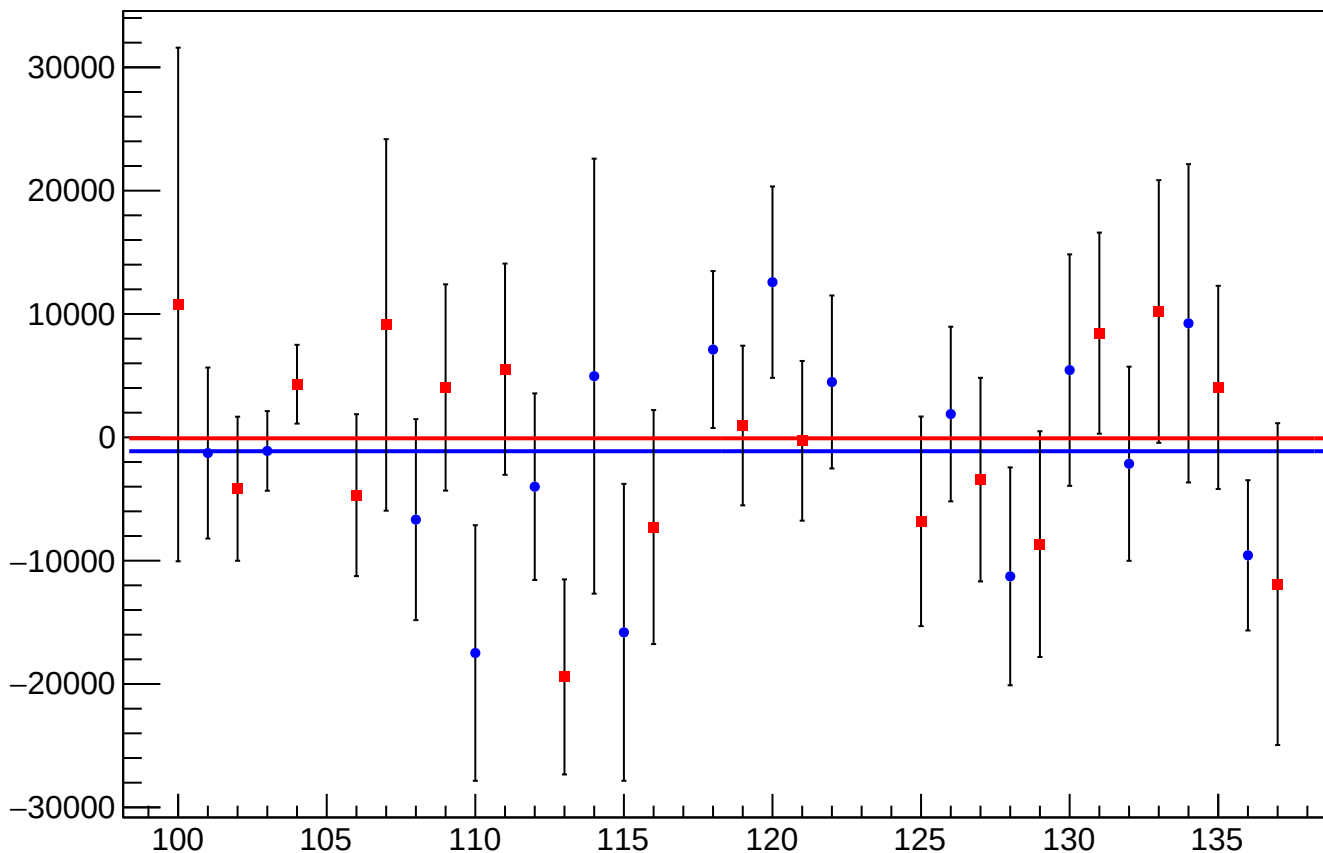
Right: 1856.115+/-0.348 χ^2/NDF : 394180.6/33

In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.115+/-0.348 χ^2/NDF : 394180.6/33

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1125.567+/-1757.876 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.270+/-1702.444 χ^2/NDF : 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

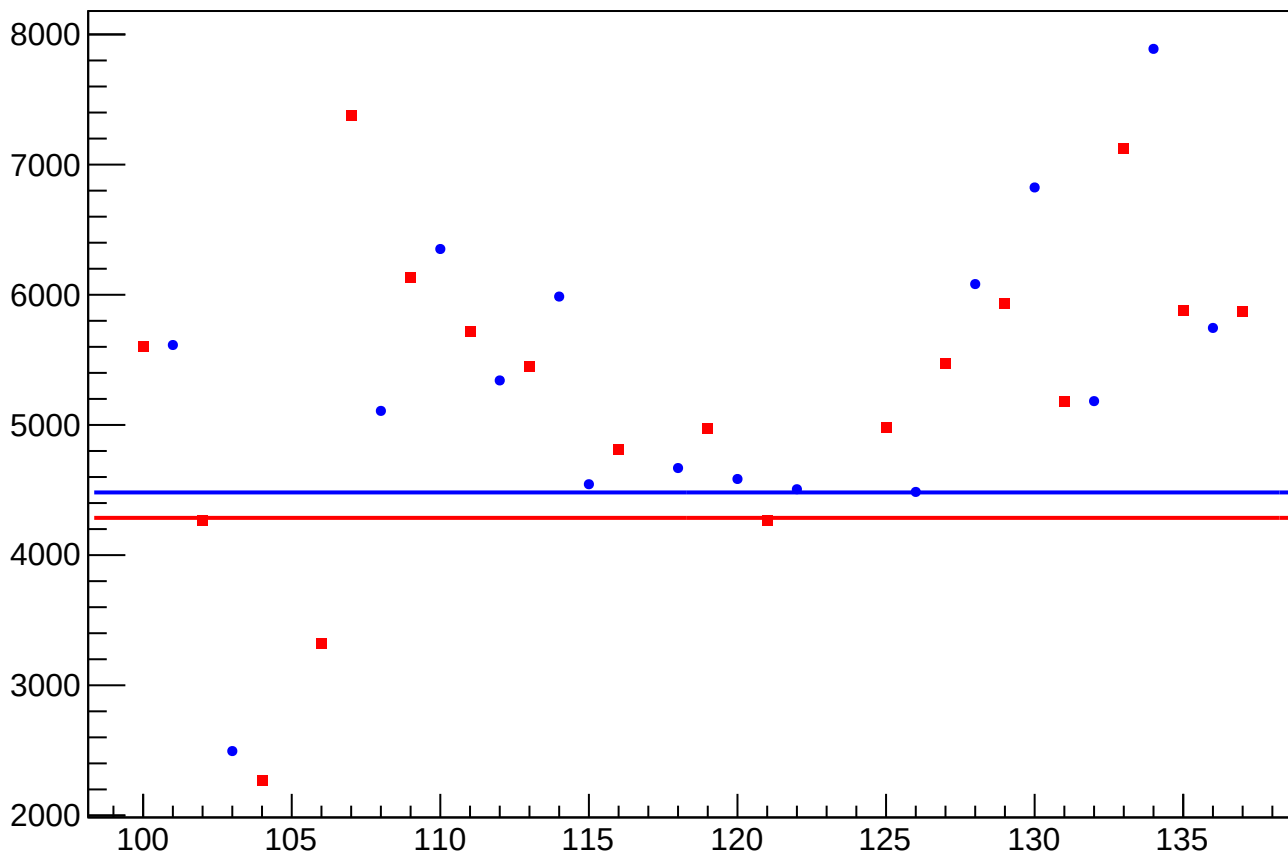
Right: -585.146+/-1222.937 χ^2/NDF : 30.5/33

In: -1125.567+/-1757.876 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.146+/-1222.937 χ^2/NDF : 30.5/33

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4286.125+/-1.204 χ^2/NDF : 1549852.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

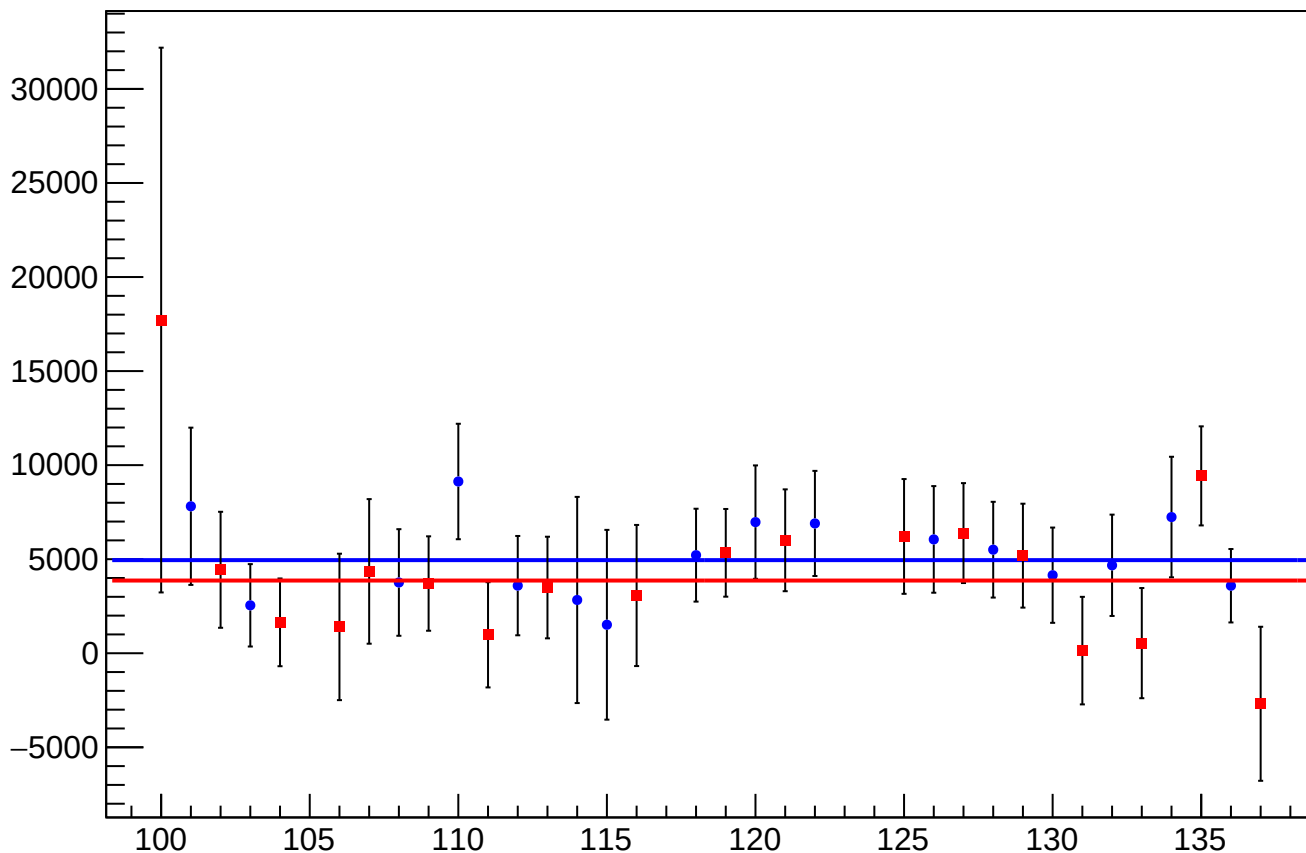
Right: 4380.692+/-0.865 χ^2/NDF : 2924858.4/33

In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4380.692+/-0.865 χ^2/NDF : 2924858.4/33

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.838 $\pm$ 698.937 χ^2 /NDF: 6.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3864.930 $\pm$ 695.781 χ^2 /NDF: 16.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

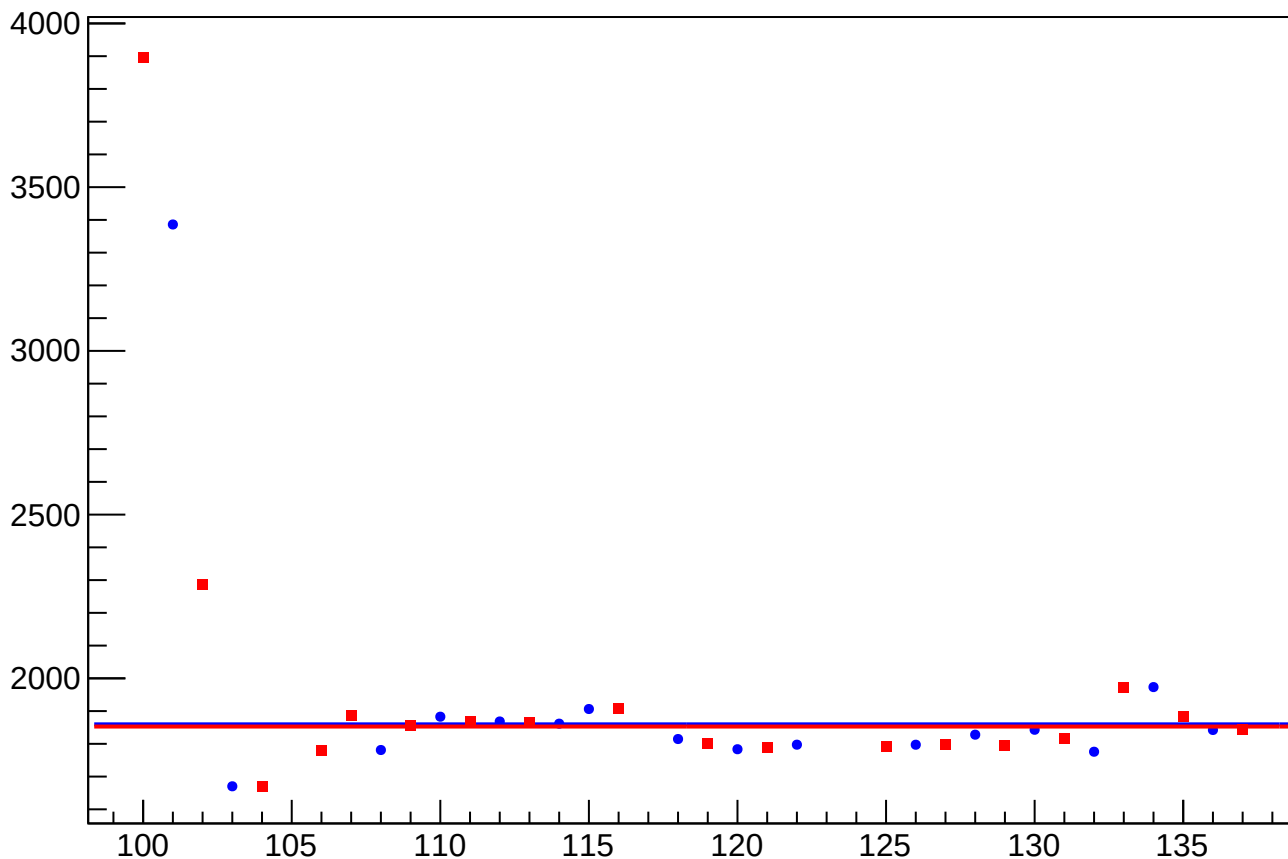
Right: 4404.929 $\pm$ 493.103 χ^2 /NDF: 24.2/33

In: 4949.838 $\pm$ 698.937 χ^2 /NDF:6.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4404.929 $\pm$ 493.103 χ^2 /NDF: 24.2/33

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.770+/-0.491 χ^2/NDF : 101750.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

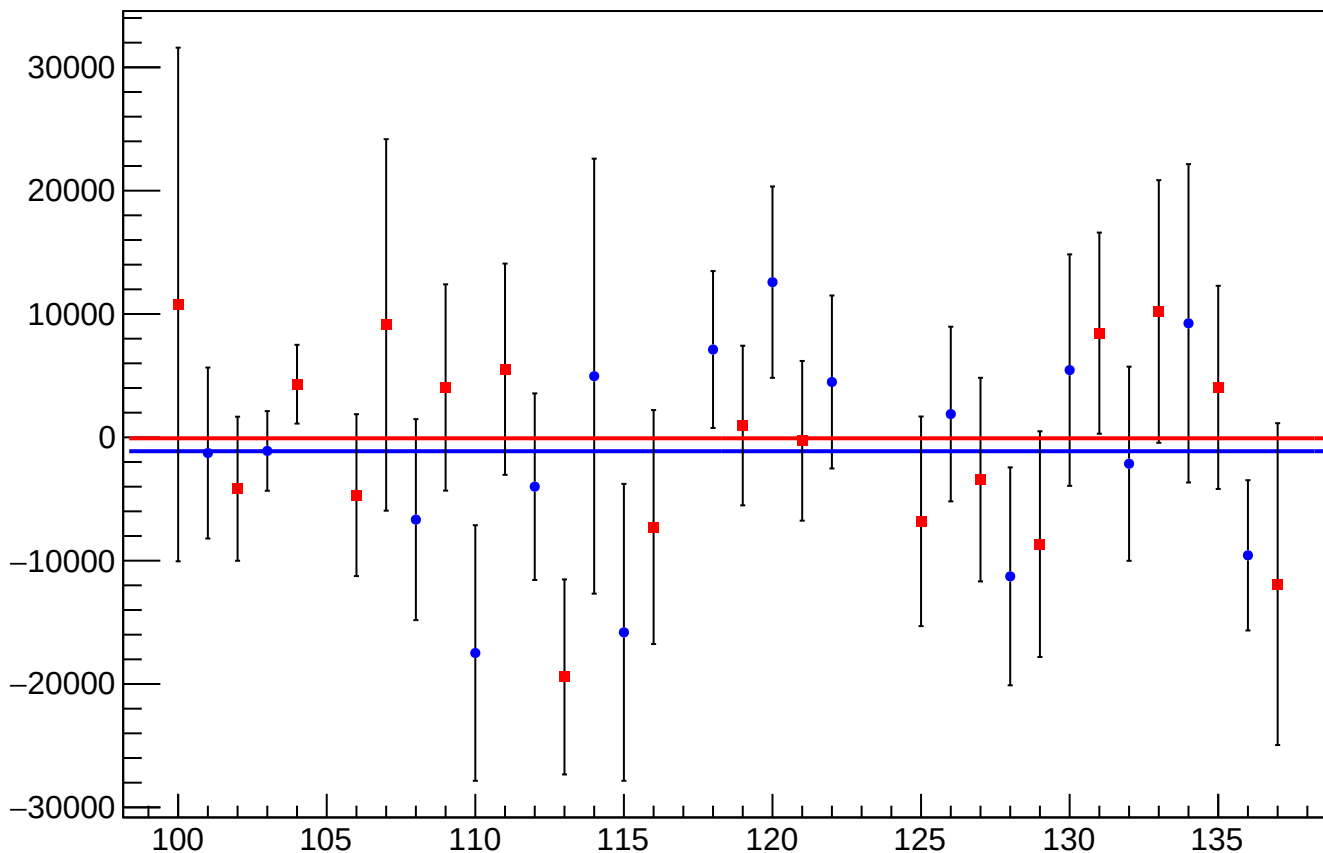
Right: 1856.115+/-0.348 χ^2/NDF : 394180.6/33

In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.115+/-0.348 χ^2/NDF : 394180.6/33

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1125.567+/-1757.876 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.270+/-1702.444 χ^2/NDF : 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

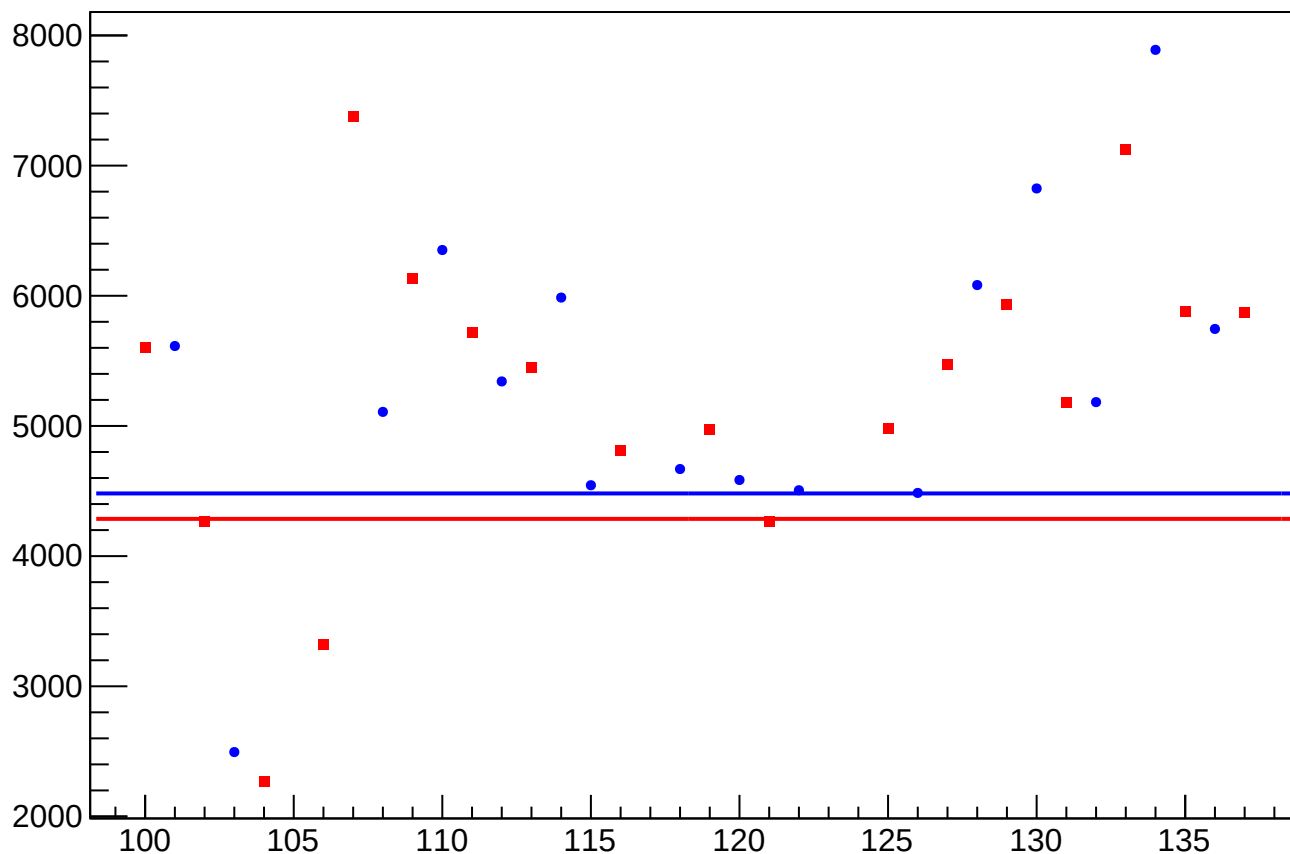
Right: -585.146+/-1222.937 χ^2/NDF : 30.5/33

In: -1125.567+/-1757.876 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.146+/-1222.937 χ^2/NDF : 30.5/33

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4286.125+/-1.204 χ^2/NDF : 1549852.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

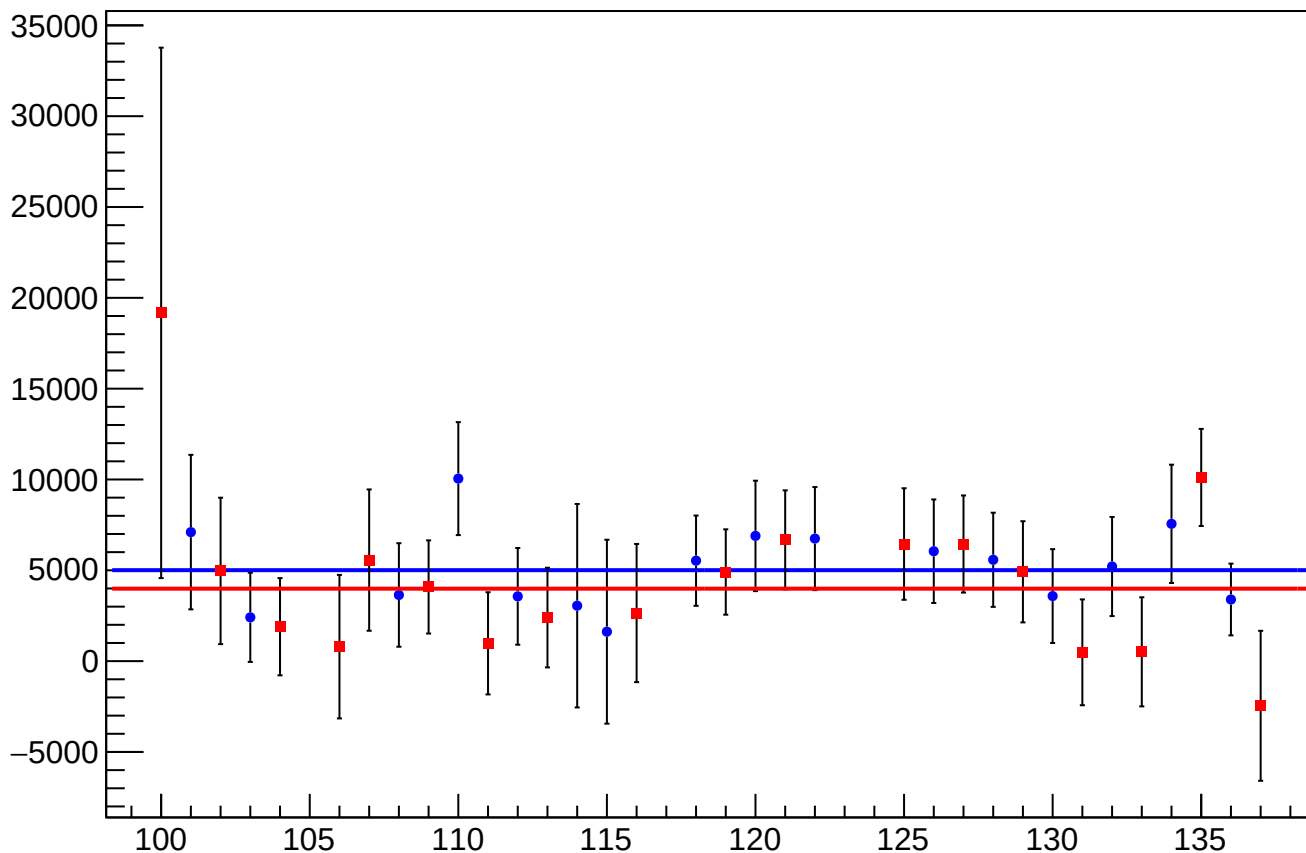
Right: 4380.692+/-0.865 χ^2/NDF : 2924858.4/33

In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4380.692+/-0.865 χ^2/NDF : 2924858.4/33

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5007.315 $\pm$ 714.061 χ^2 /NDF: 7.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3989.193 $\pm$ 719.024 χ^2 /NDF: 17.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

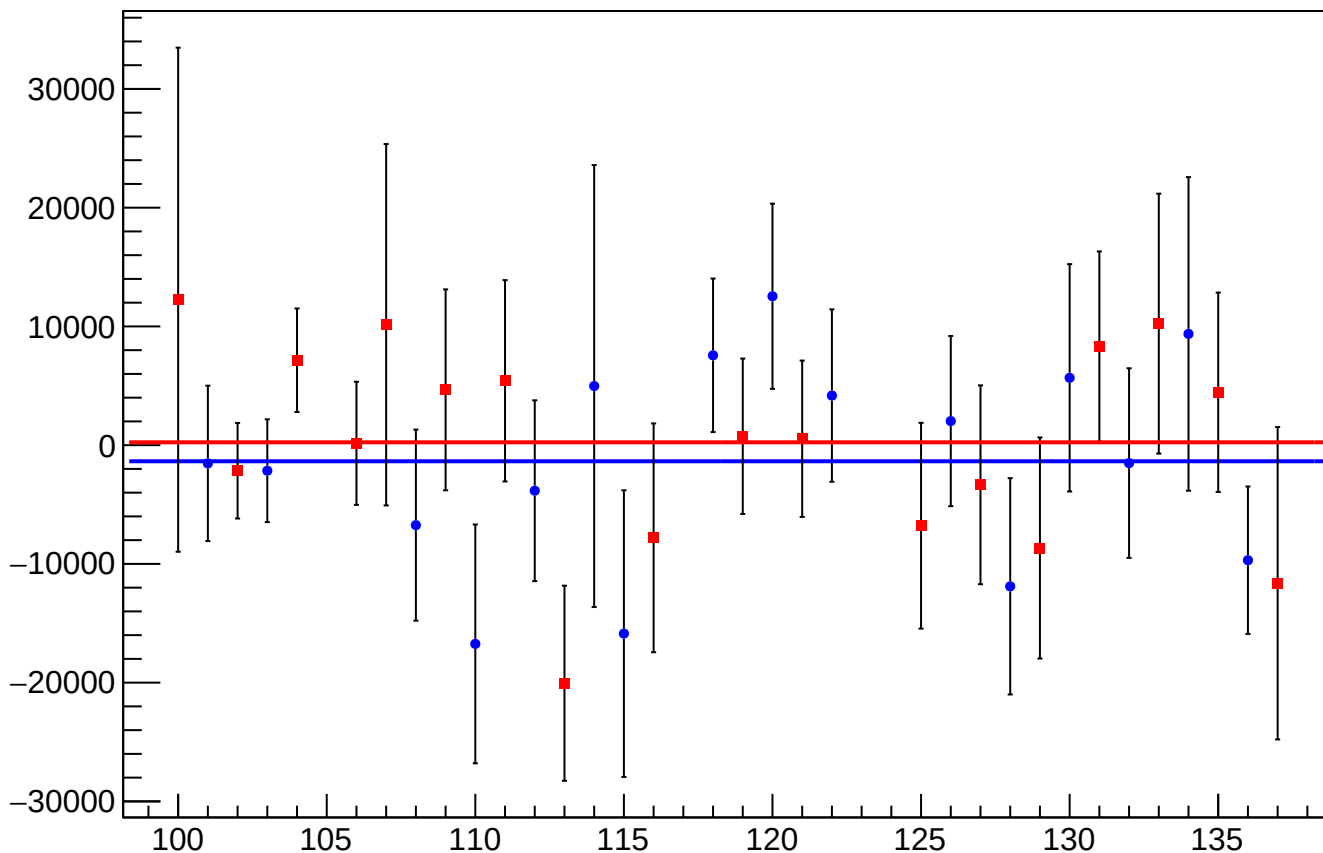
Right: 4501.780 $\pm$ 506.663 χ^2 /NDF: 26.0/33

In: 5007.315 $\pm$ 714.061 χ^2 /NDF:7.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4501.780 $\pm$ 506.663 χ^2 /NDF: 26.0/33

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1356.615+/-1895.990 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.153+/-1712.681 χ^2/NDF : 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

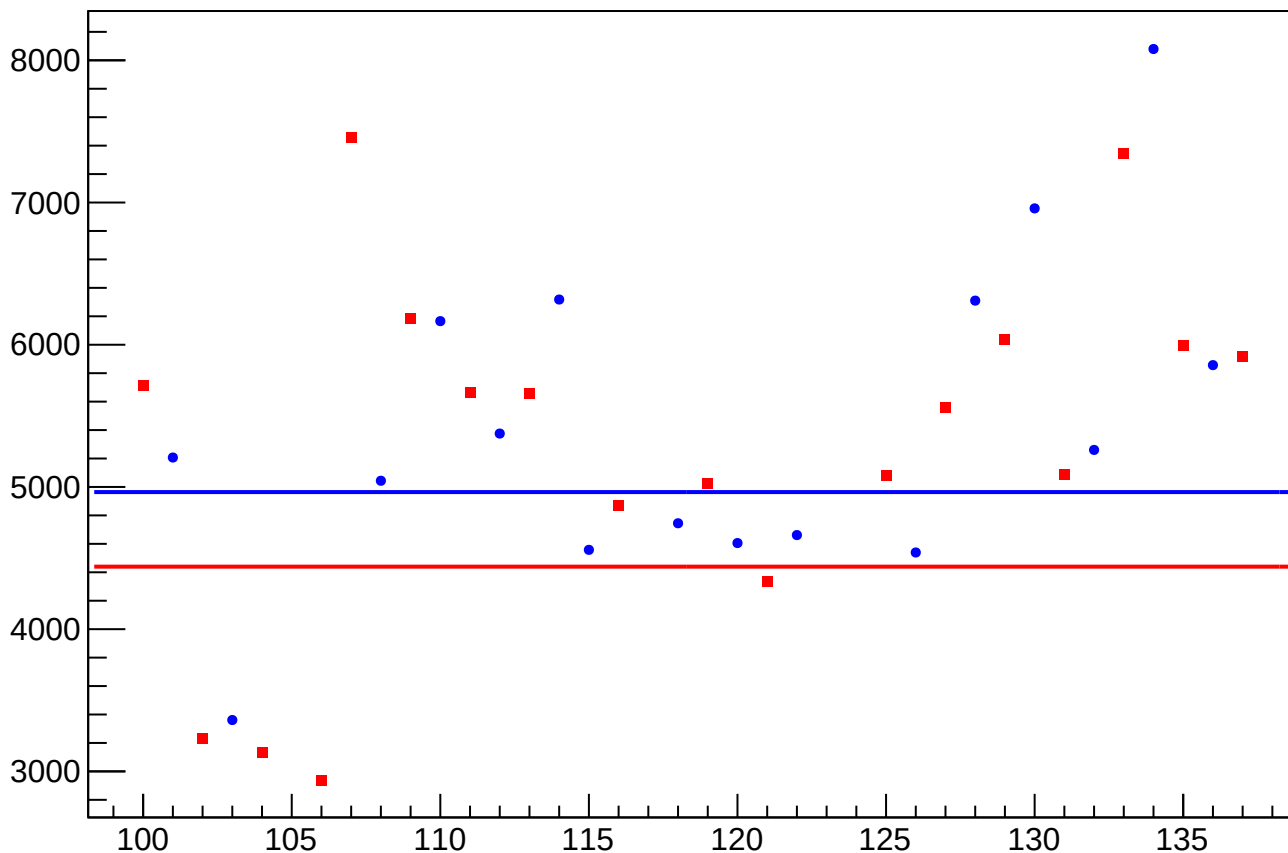
Right: -476.778+/-1270.927 χ^2/NDF : 30.8/33

In: -1356.615+/-1895.990 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.778+/-1270.927 χ^2/NDF : 30.8/33

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 4963.998+/-1.341 χ^2/NDF : 627377.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 4439.675+/-1.211 χ^2/NDF : 1158510.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

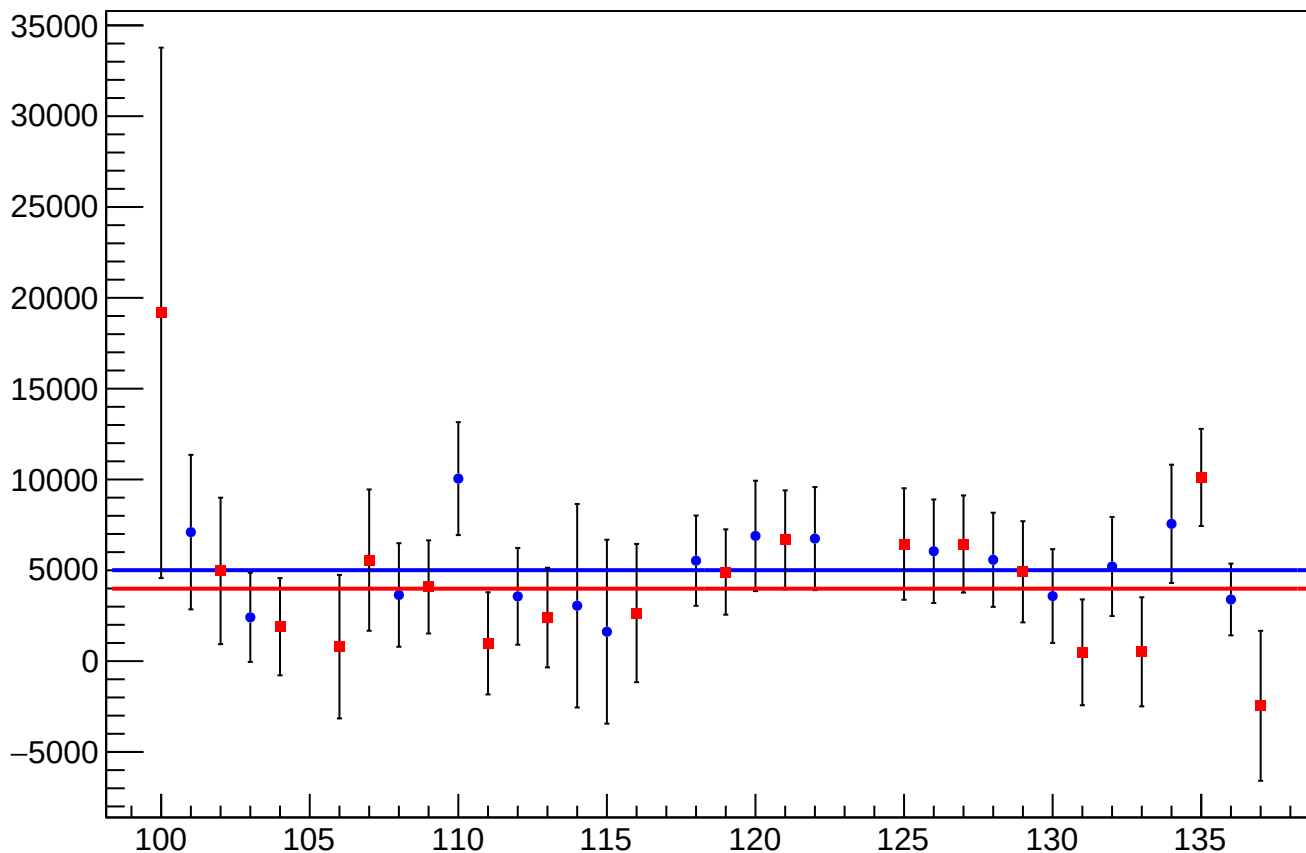
Right: 4675.271+/-0.899 χ^2/NDF : 1870112.9/33

In: 4963.998+/-1.341 χ^2/NDF :627377.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4675.271+/-0.899 χ^2/NDF : 1870112.9/33

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5007.314+/-714.061 χ^2/NDF : 7.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3989.192+/-719.024 χ^2/NDF : 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

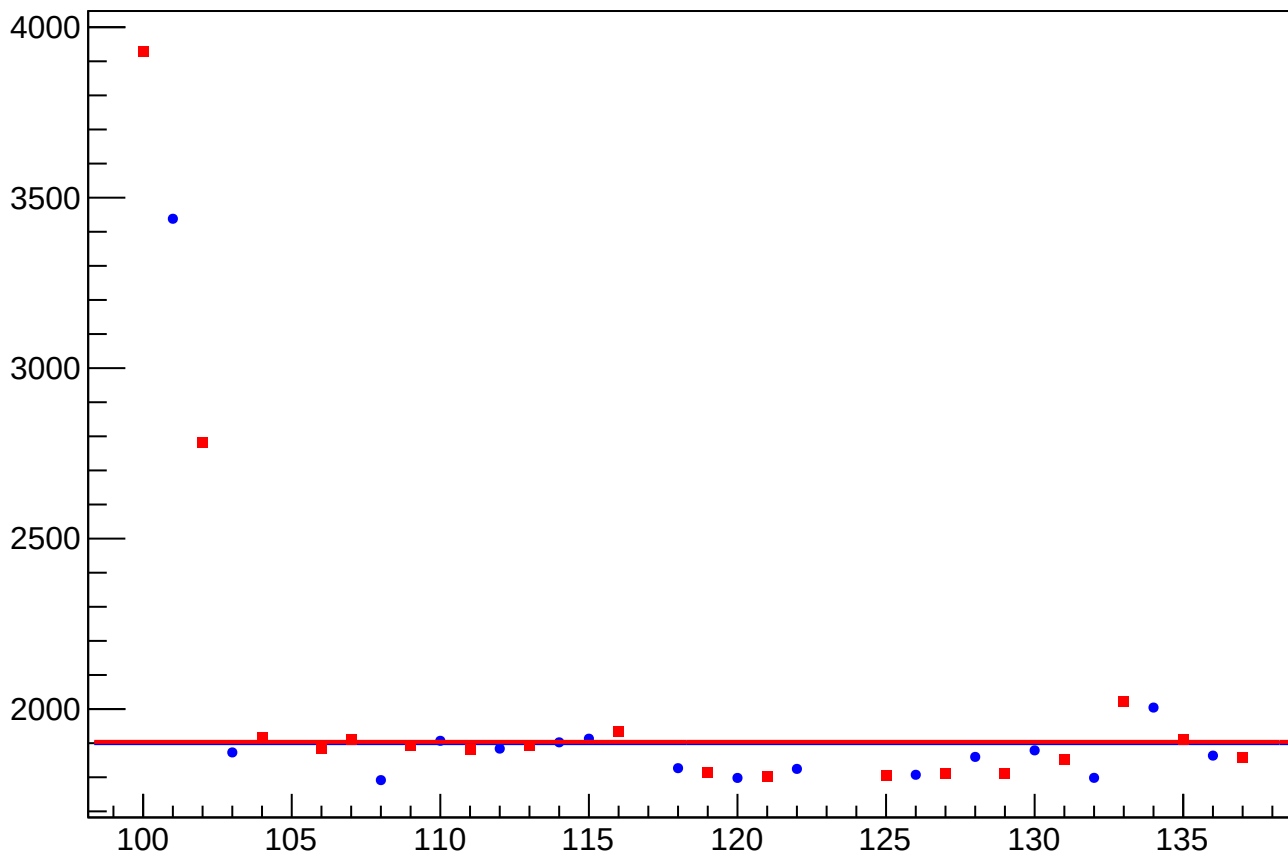
Right: 4501.779+/-506.663 χ^2/NDF : 26.0/33

In: 5007.314+/-714.061 χ^2/NDF : 7.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.779+/-506.663 χ^2/NDF : 26.0/33

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1900.111+/-0.505 χ^2/NDF : 278448.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1903.826+/-0.508 χ^2/NDF : 150115.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

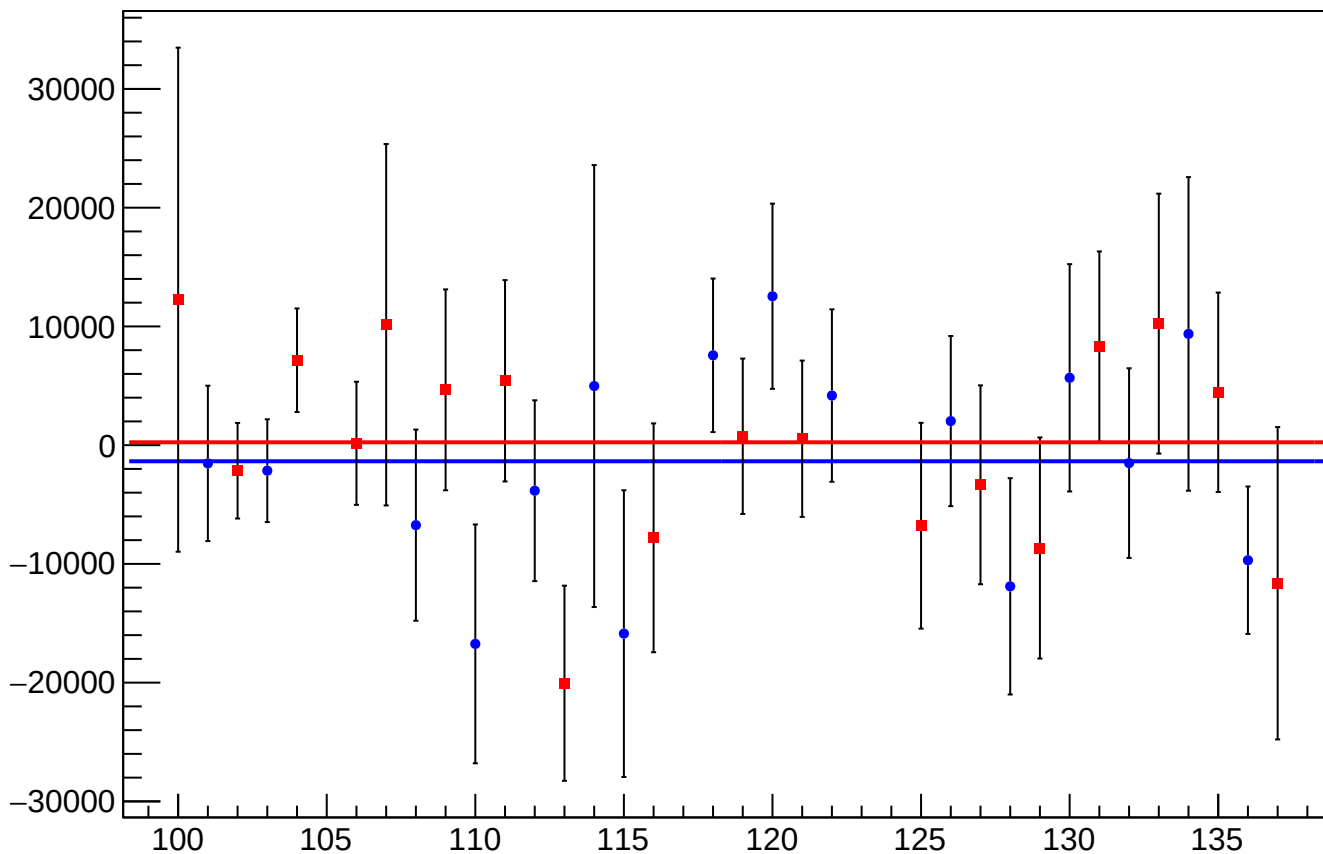
Right: 1901.958+/-0.358 χ^2/NDF : 428590.5/33

In: 1900.111+/-0.505 χ^2/NDF : 278448.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1901.958+/-0.358 χ^2/NDF : 428590.5/33

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1356.604+/-1895.985 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 241.155+/-1712.677 χ^2/NDF : 15.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

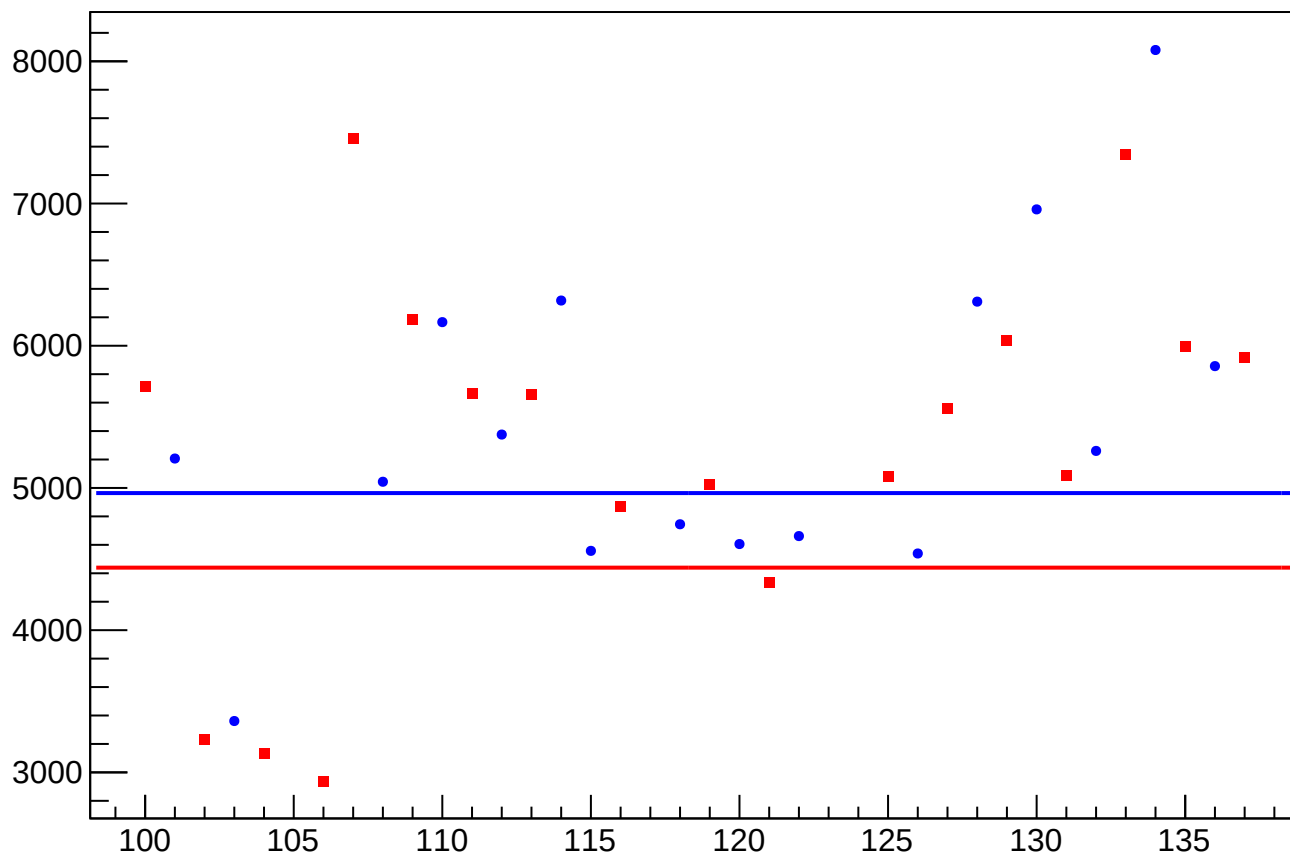
Right: -476.773+/-1270.924 χ^2/NDF : 30.8/33

In: -1356.604+/-1895.985 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.773+/-1270.924 χ^2/NDF : 30.8/33

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 4963.985+/-1.341 χ^2/NDF : 627379.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4439.663+/-1.211 χ^2/NDF : 1158509.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

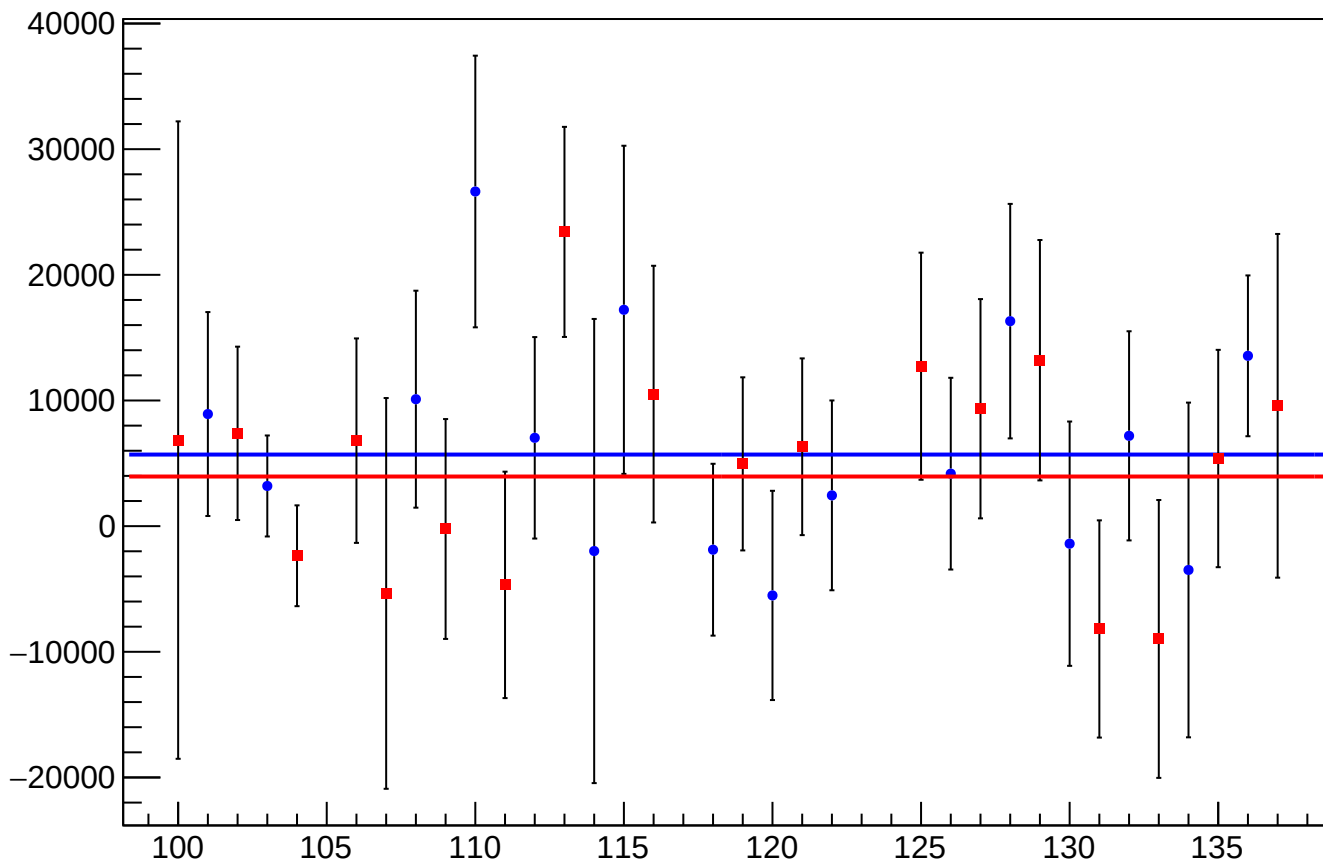
Right: 4675.259+/-0.899 χ^2/NDF : 1870114.9/33

In: 4963.985+/-1.341 χ^2/NDF : 627379.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4675.259+/-0.899 χ^2/NDF : 1870114.9/33

asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5697.218+/-1959.214 χ^2/NDF : 12.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3949.394+/-1920.582 χ^2/NDF : 16.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

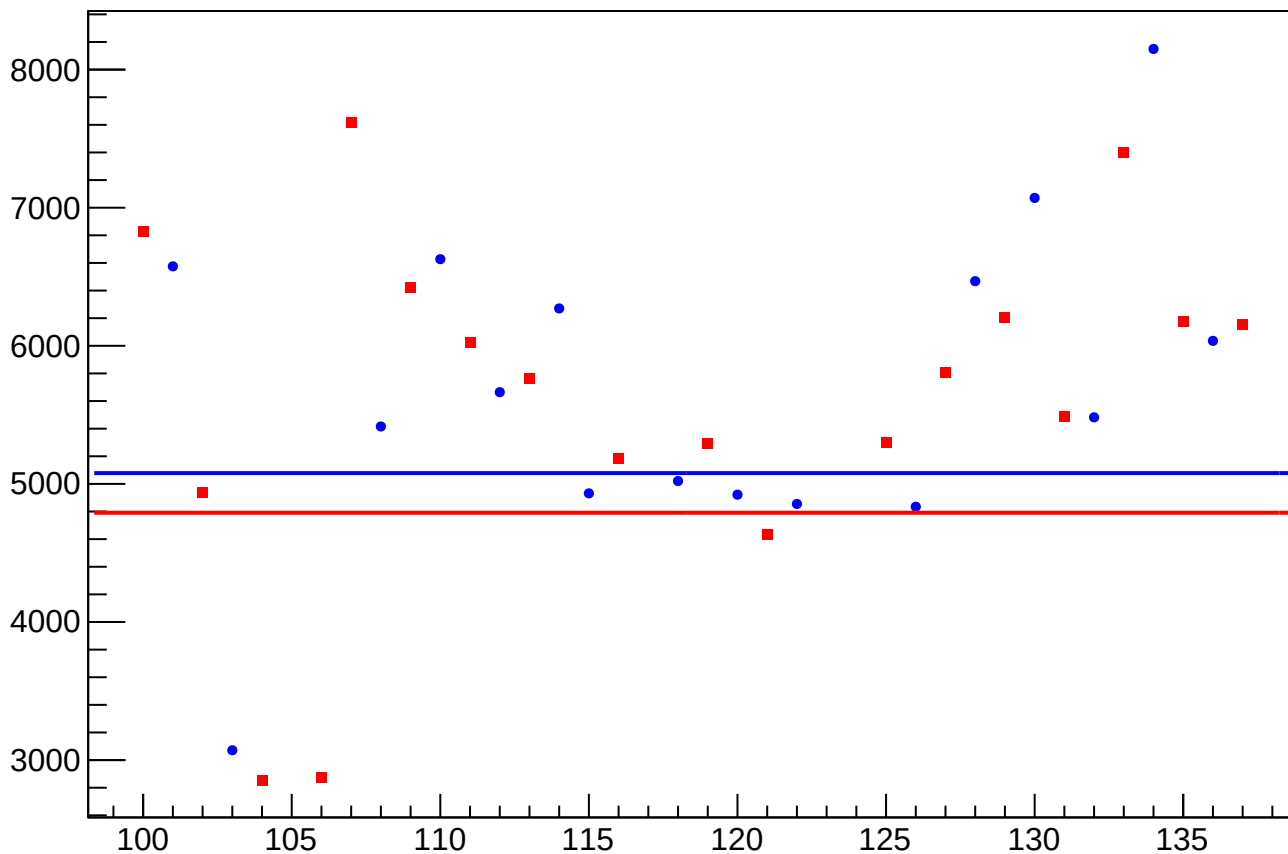
Right: 4805.905+/-1371.511 χ^2/NDF : 29.2/33

In: 5697.218+/-1959.214 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4805.905+/-1371.511 χ^2/NDF : 29.2/33

asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 5078.157+/-1.385 χ^2/NDF : 919209.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4791.154+/-1.331 χ^2/NDF : 1162455.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

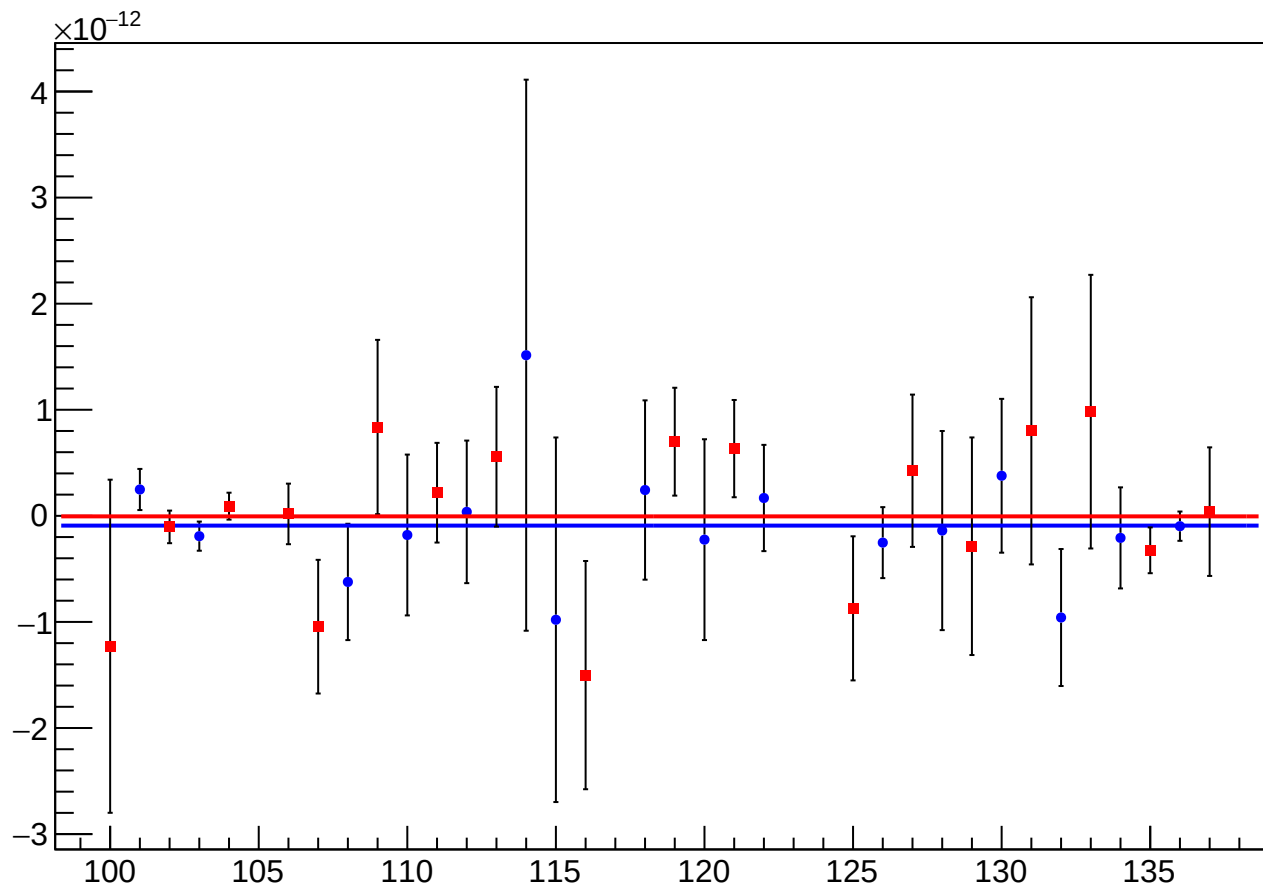
Right: 4928.883+/-0.960 χ^2/NDF : 2103987.6/33

In: 5078.157+/-1.385 χ^2/NDF : 919209.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4928.883+/-0.960 χ^2/NDF : 2103987.6/33

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 8.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

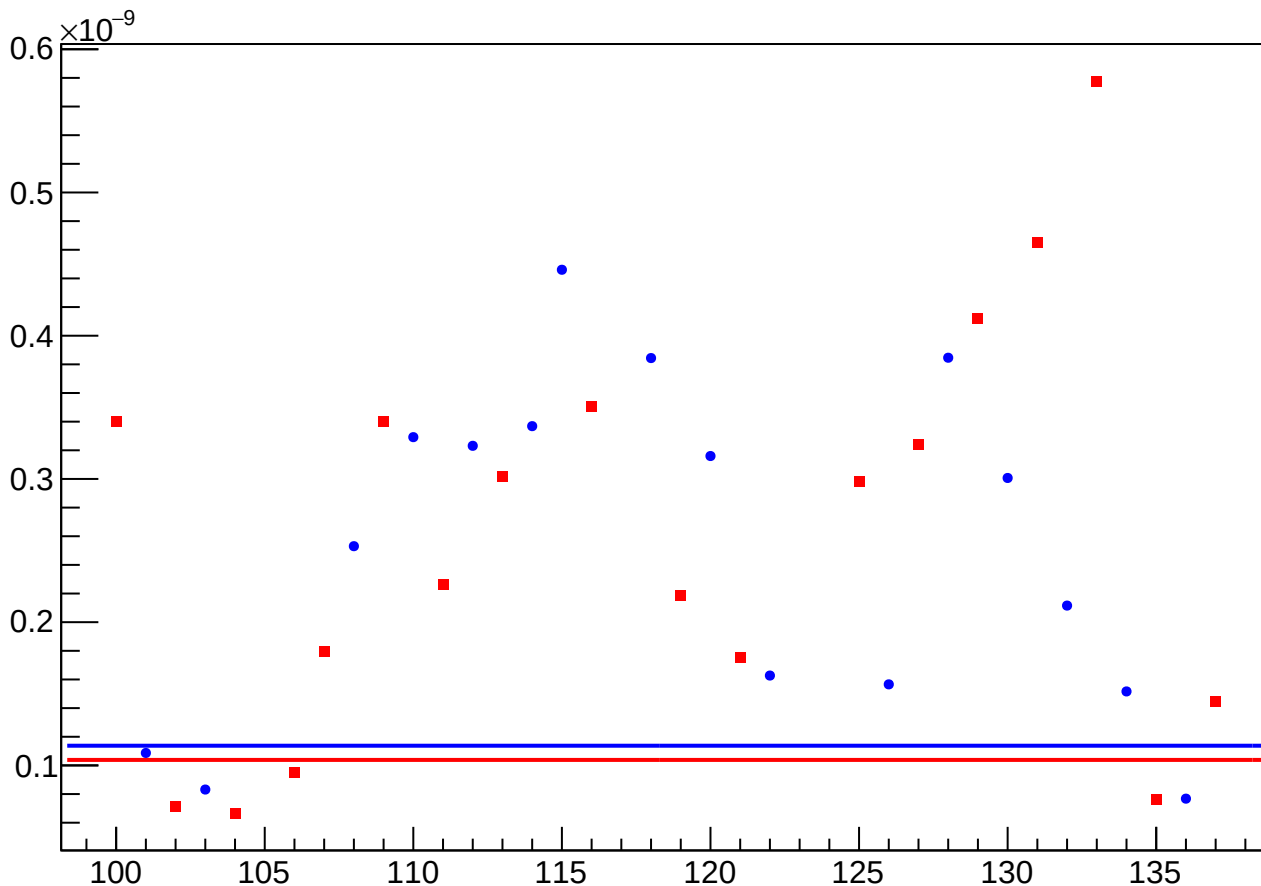
Right: -0.000+/-0.000 χ^2/NDF : 26.2/33

In: -0.000+/-0.000 χ^2/NDF : 8.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.2/33

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1524807.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2087534.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

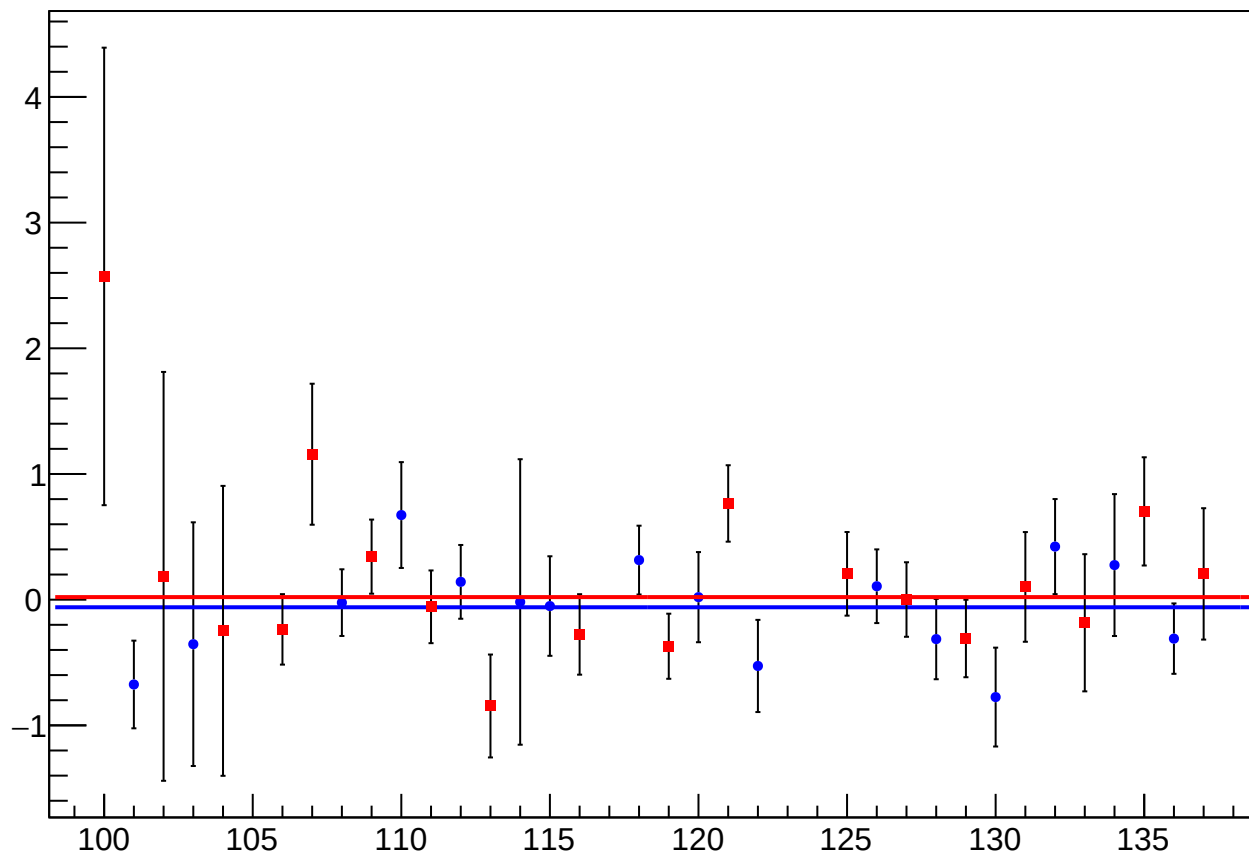
Right: 0.000+/-0.000 χ^2/NDF : 3628704.5/33

In: 0.000+/-0.000 χ^2/NDF : 1524807.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3628704.5/33

asym_us_avg_atlr_avg_avg_dit_vs_Slug_Sign_Corrected



Right In: -0.060+/-0.089 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.087 χ^2/NDF : 26.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

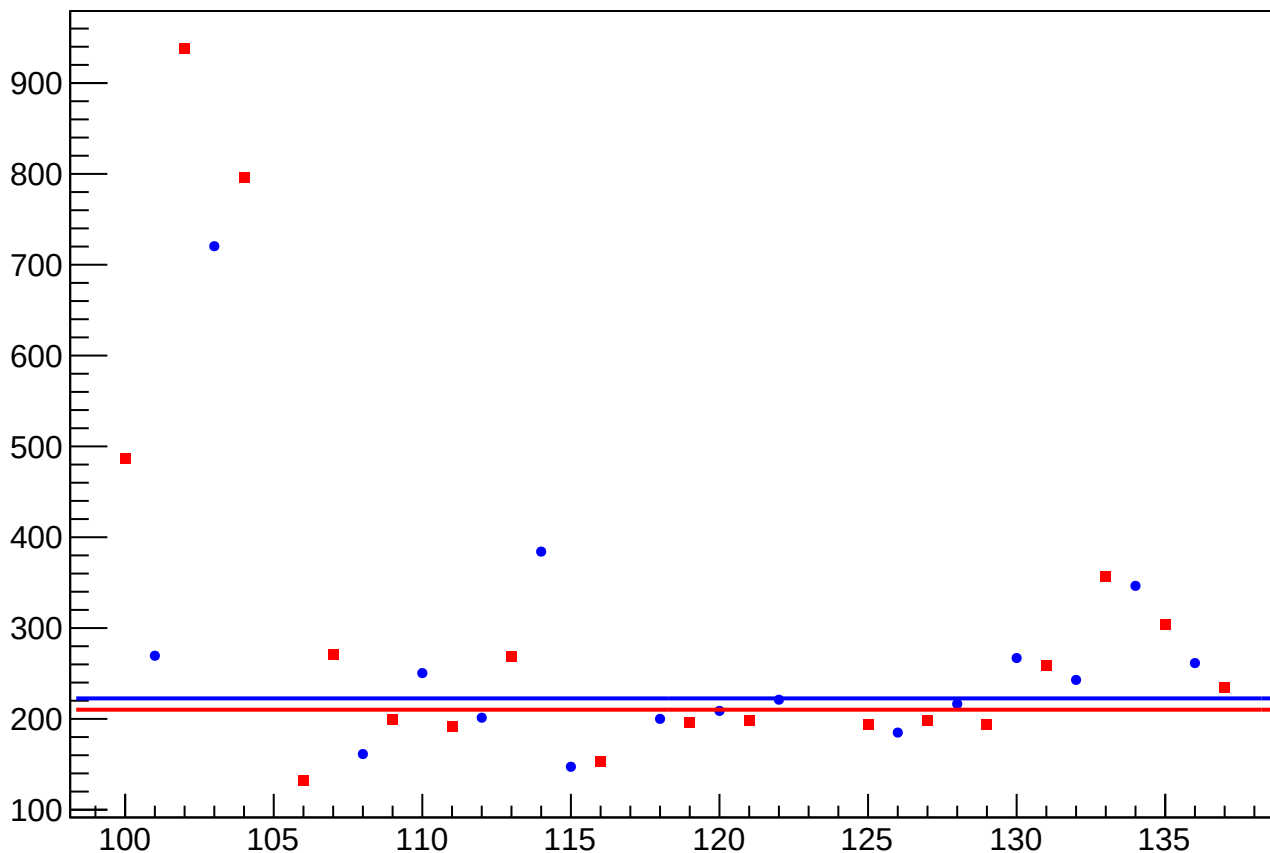
Right: -0.019+/-0.062 χ^2/NDF : 43.9/33

In: -0.060+/-0.089 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.062 χ^2/NDF : 43.9/33

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.569+/-0.063 χ^2/NDF : 1018774.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 210.123+/-0.062 χ^2/NDF : 1548526.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

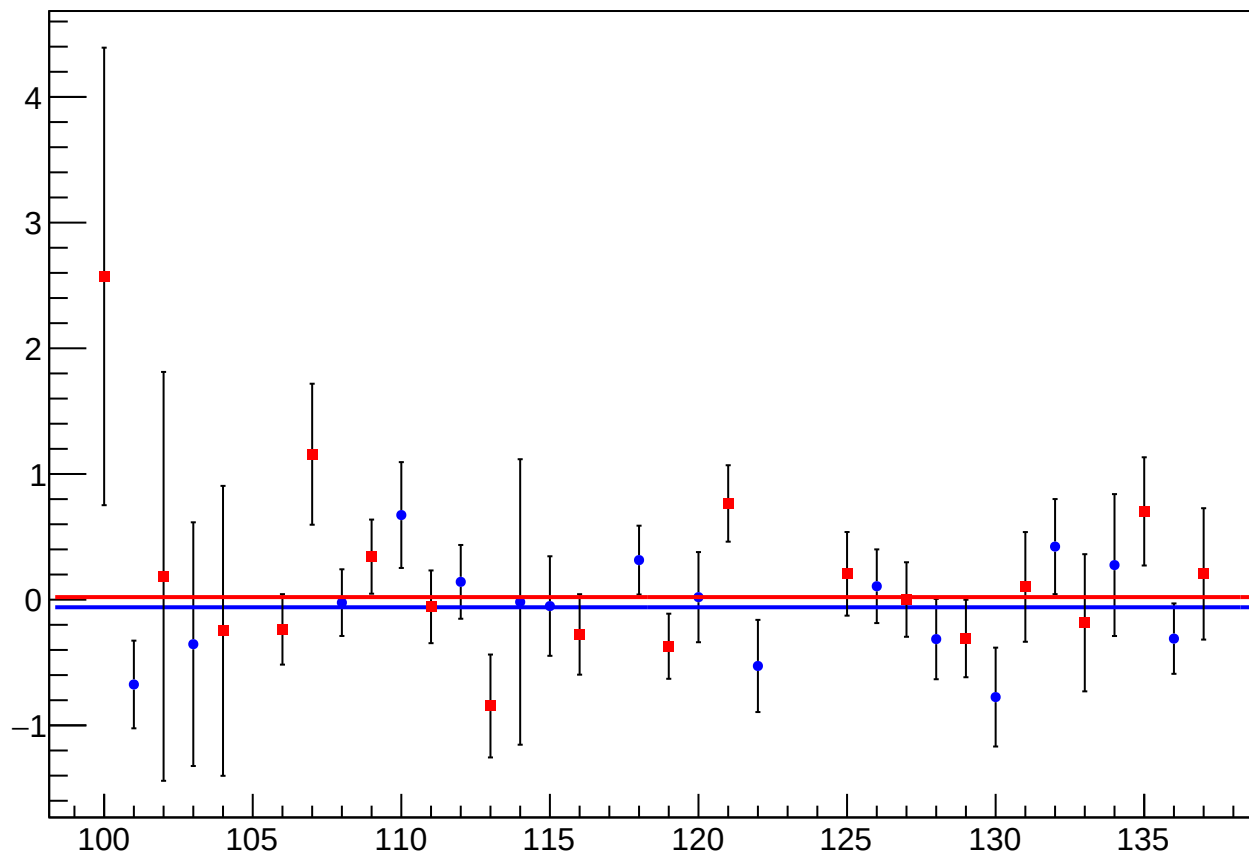
Right: 216.259+/-0.044 χ^2/NDF : 2587282.3/33

In: 222.569+/-0.063 χ^2/NDF :1018774.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 216.259+/-0.044 χ^2/NDF : 2587282.3/33

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060+/-0.089 χ^2 /NDF: 17.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.020+/-0.087 χ^2 /NDF: 26.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

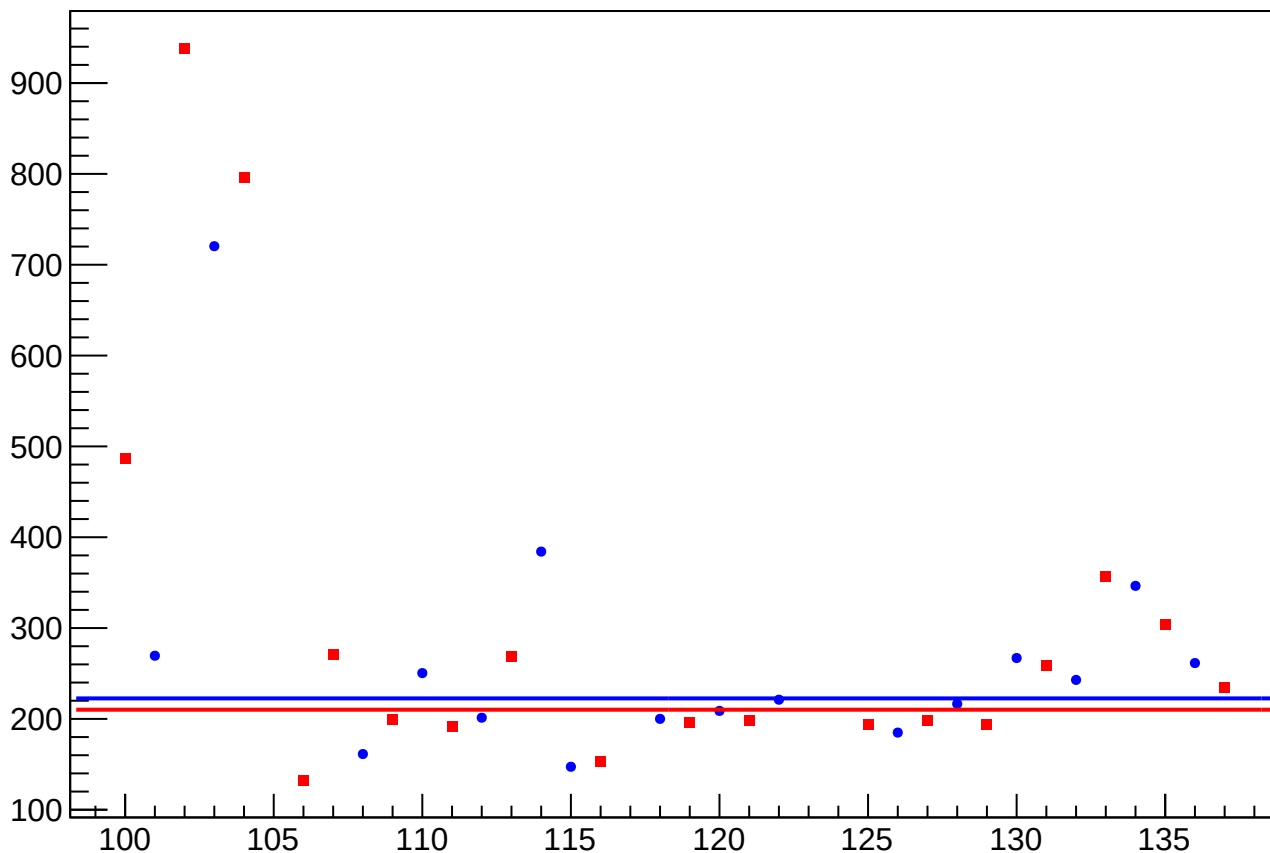
Right: -0.019+/-0.062 χ^2 /NDF: 43.9/33

In: -0.060+/-0.089 χ^2 /NDF:17.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.019+/-0.062 χ^2 /NDF: 43.9/33

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.569+/-0.063 χ^2/NDF : 1018774.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.123+/-0.062 χ^2/NDF : 1548526.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

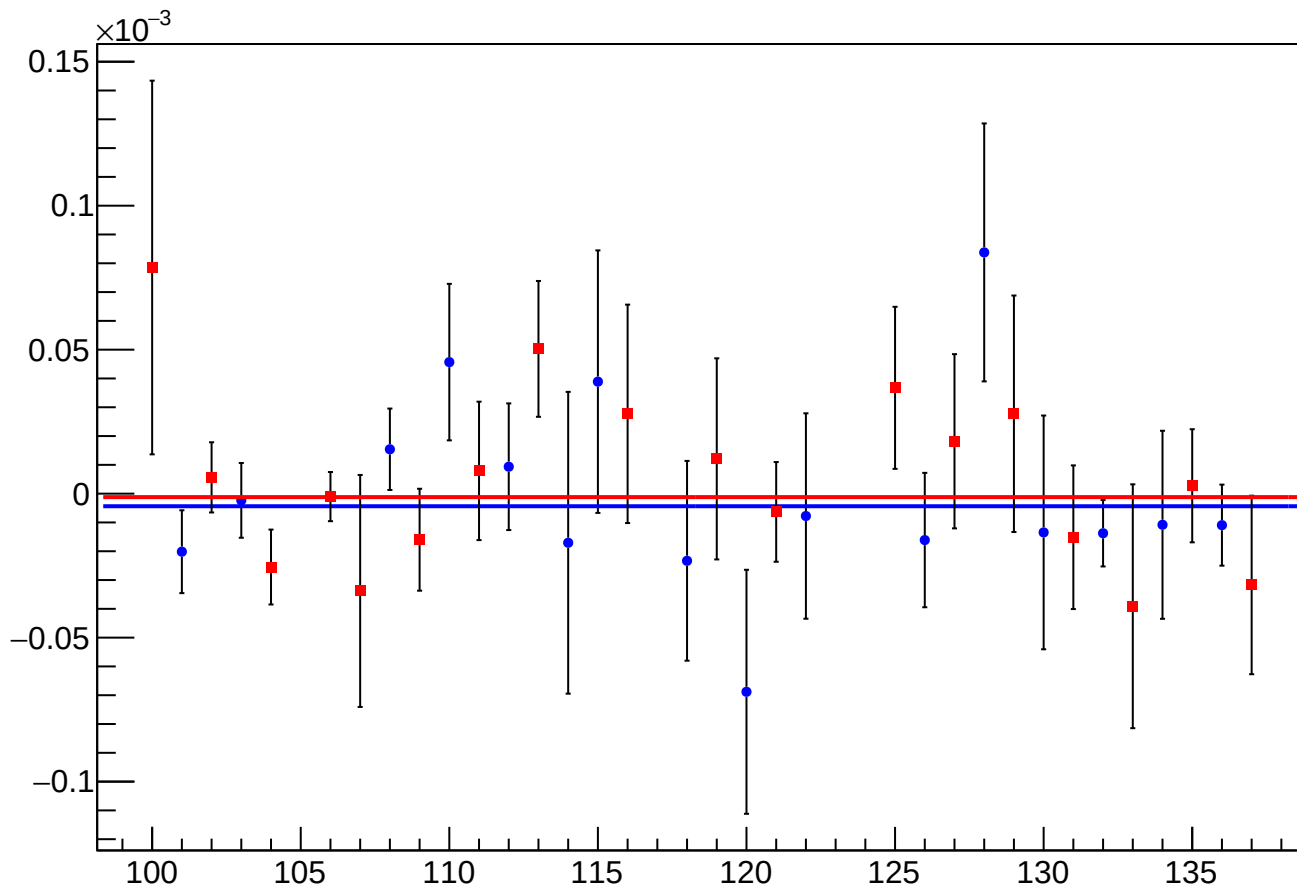
Right: 216.259+/-0.044 χ^2/NDF : 2587282.3/33

In: 222.569+/-0.063 χ^2/NDF : 1018774.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.259+/-0.044 χ^2/NDF : 2587282.3/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

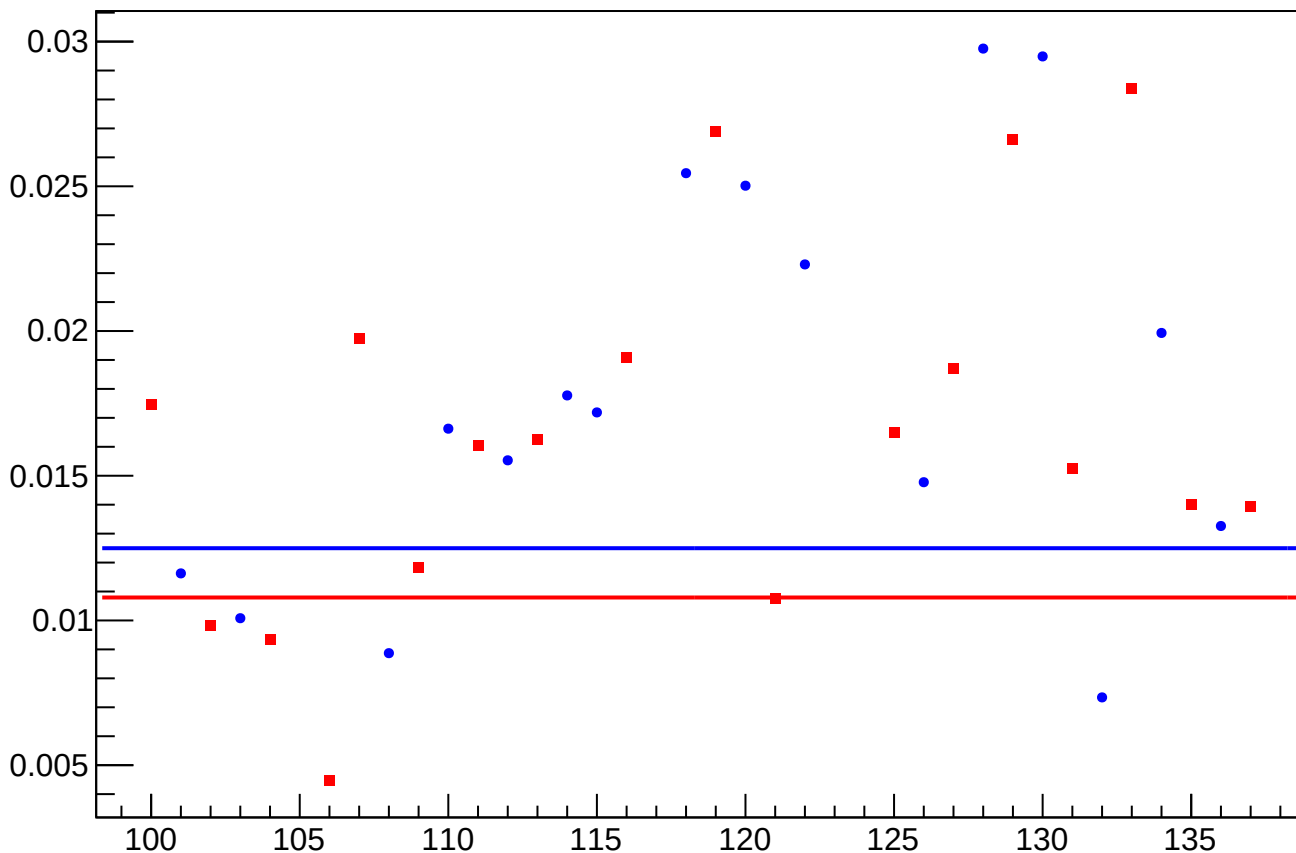
Right: -0.000+/-0.000 χ^2/NDF : 33.1/33

In: -0.000+/-0.000 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.1/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 2114968.1/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000

χ^2/NDF : 2987826.3/17

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 5226474.2/33

In: 0.012+/-0.000

χ^2/NDF :2114968.1/15

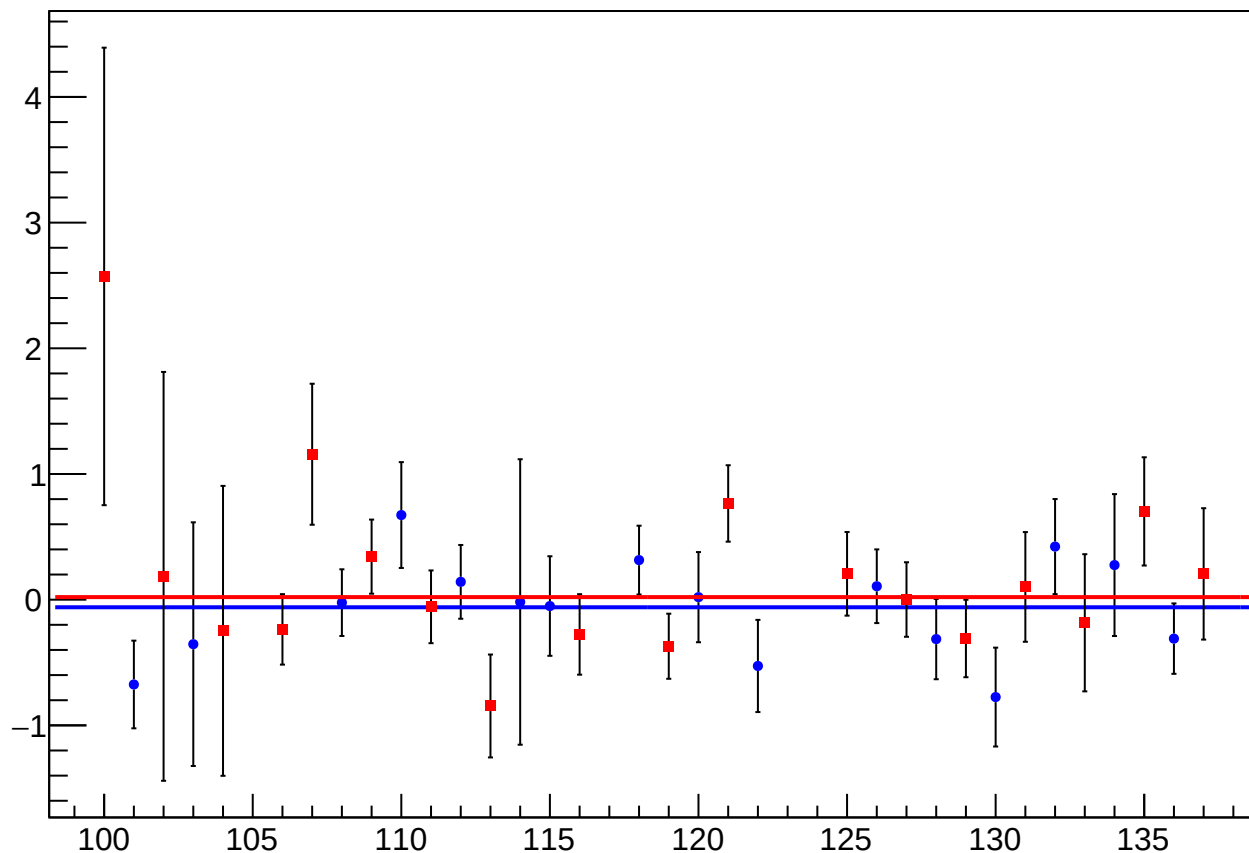
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.012+/-0.000

χ^2/NDF : 5226474.2/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060+/-0.089 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.087 χ^2/NDF : 26.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

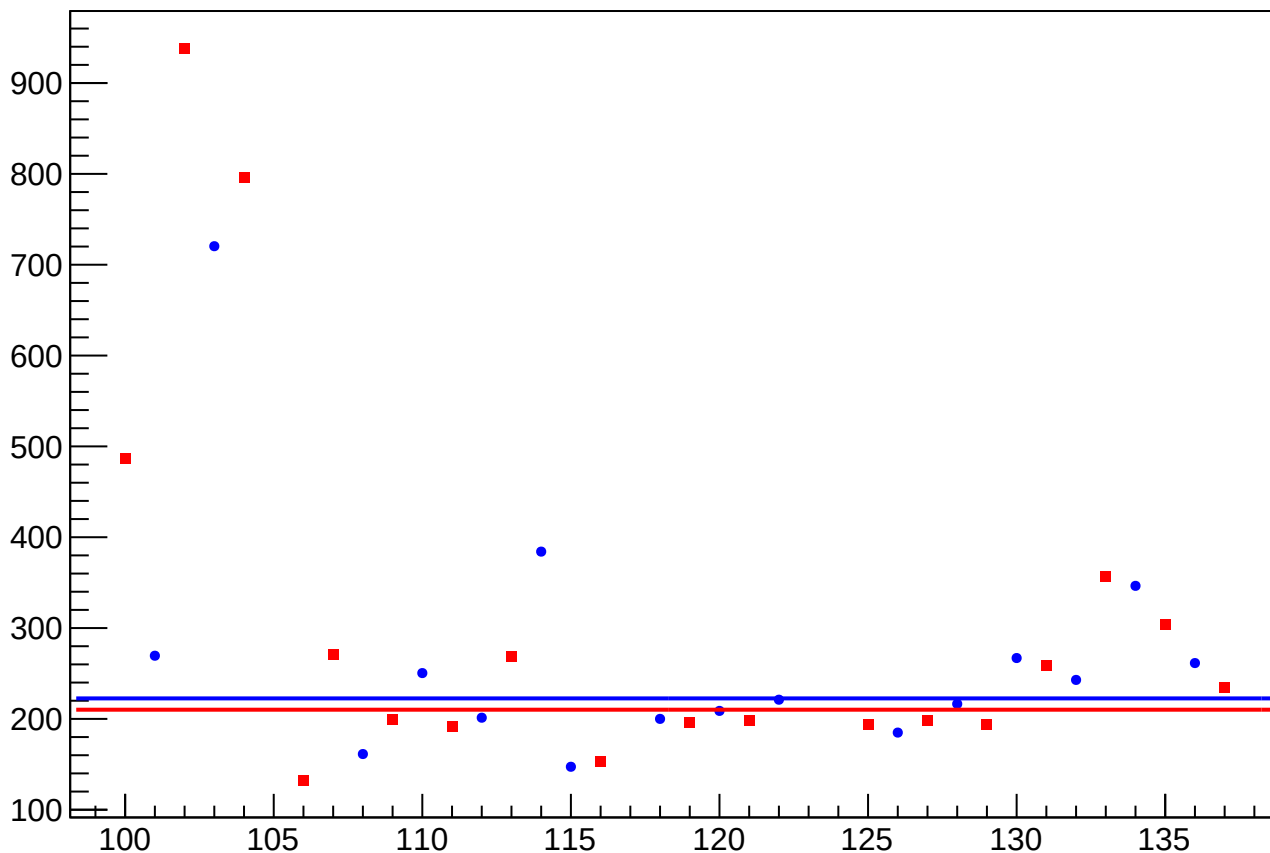
Right: -0.019+/-0.062 χ^2/NDF : 43.9/33

In: -0.060+/-0.089 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.019+/-0.062 χ^2/NDF : 43.9/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.120+/-0.062 χ^2/NDF : 1548507.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

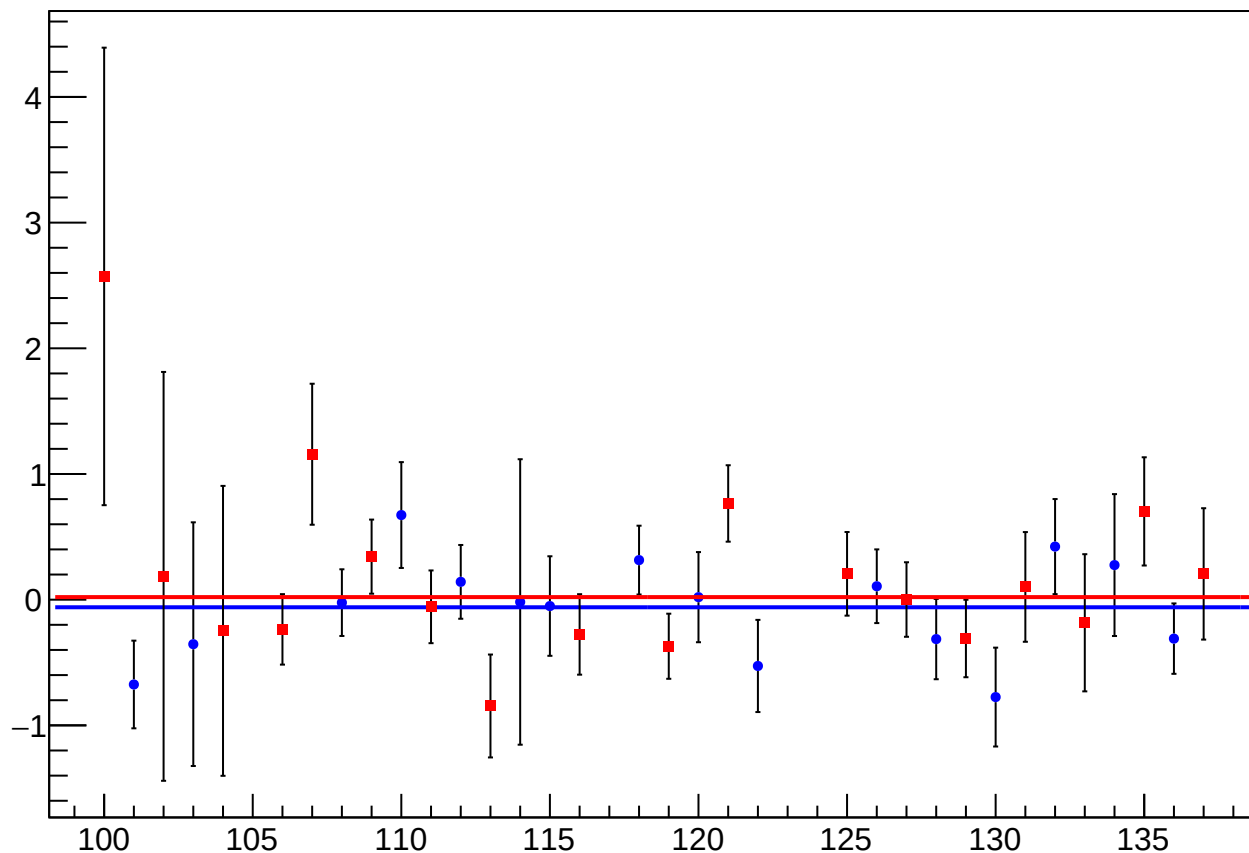
Right: 216.257+/-0.044 χ^2/NDF : 2587251.9/33

In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.257+/-0.044 χ^2/NDF : 2587251.9/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060+/-0.089 χ^2 /NDF: 17.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.020+/-0.087 χ^2 /NDF: 26.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

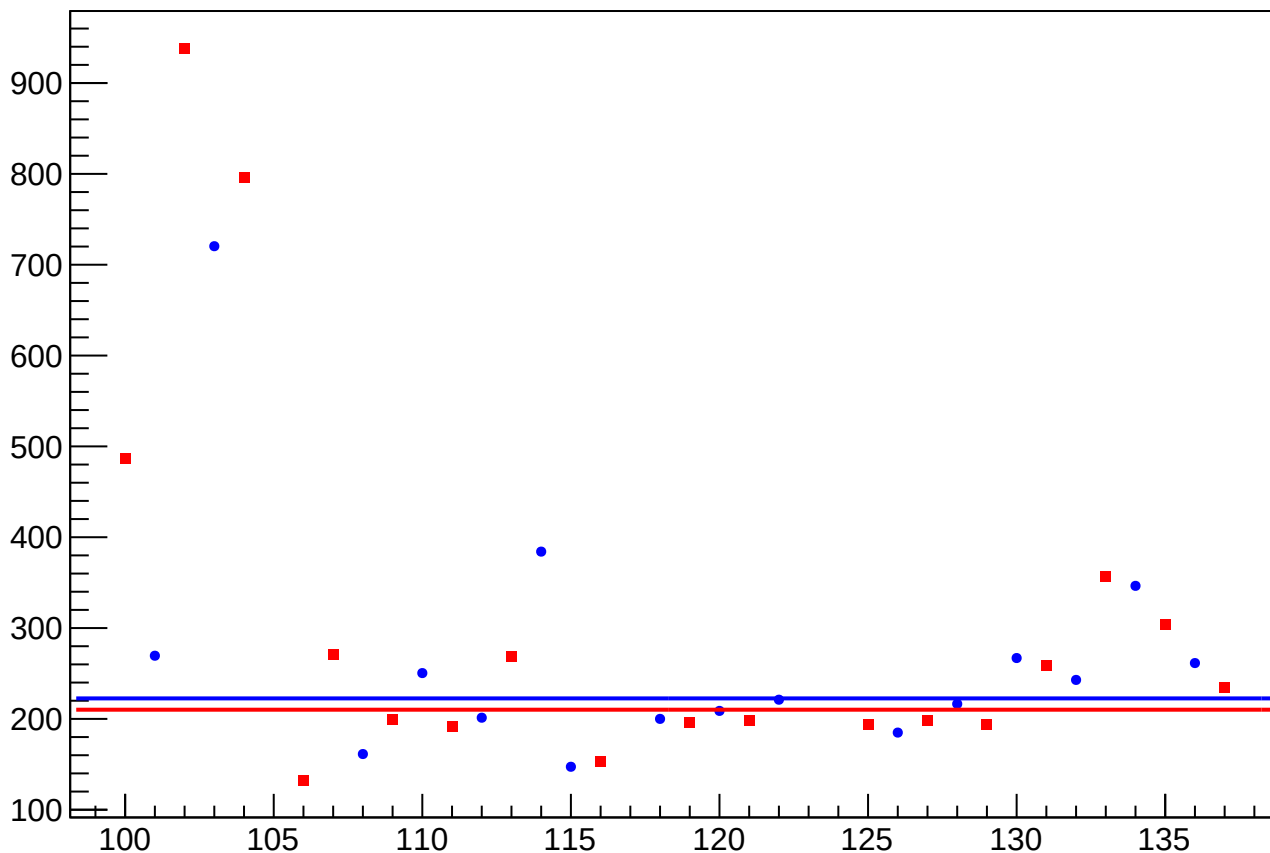
Right: -0.019+/-0.062 χ^2 /NDF: 43.9/33

In: -0.060+/-0.089 χ^2 /NDF:17.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.019+/-0.062 χ^2 /NDF: 43.9/33

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 210.120+/-0.062 χ^2/NDF : 1548507.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

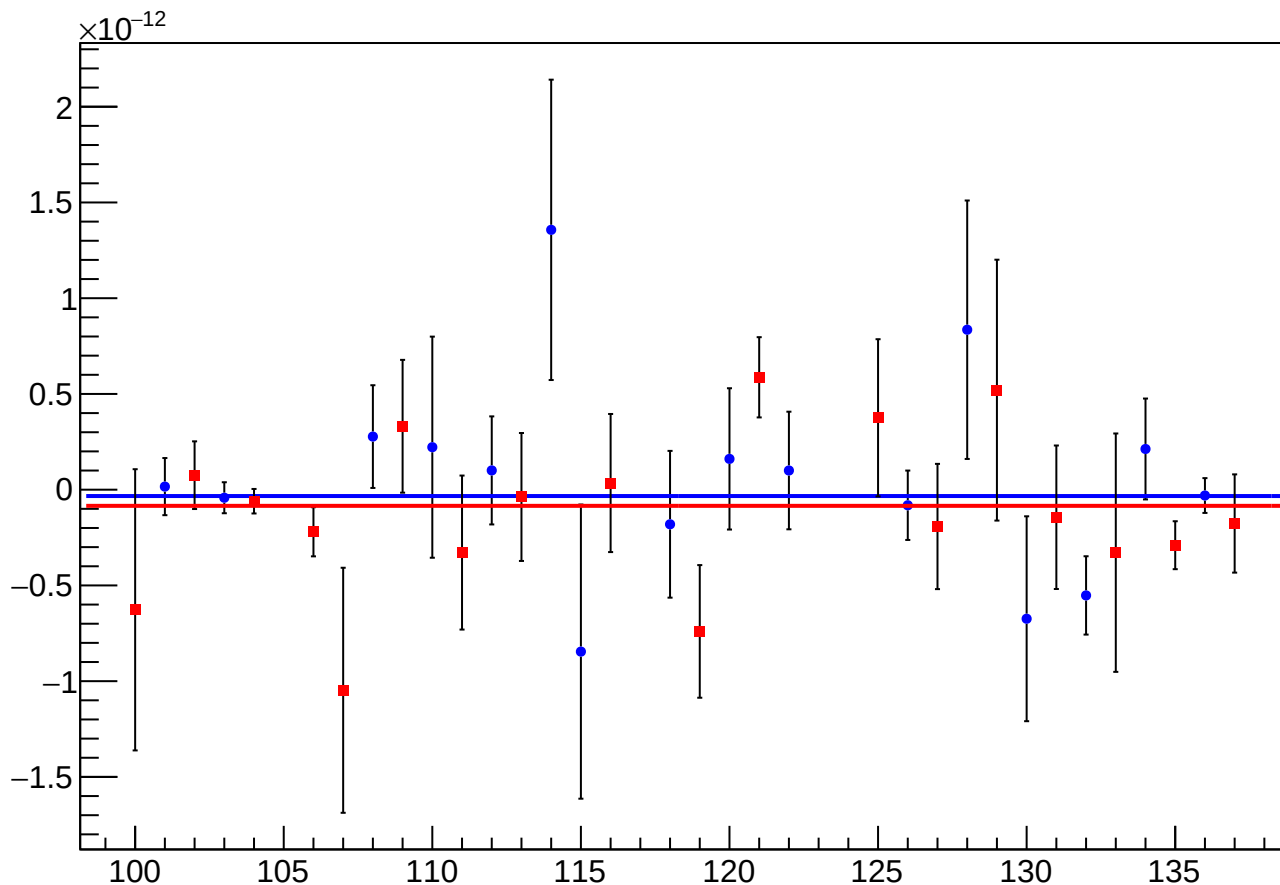
Right: 216.257+/-0.044 χ^2/NDF : 2587251.9/33

In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 216.257+/-0.044 χ^2/NDF : 2587251.9/33

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 17.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

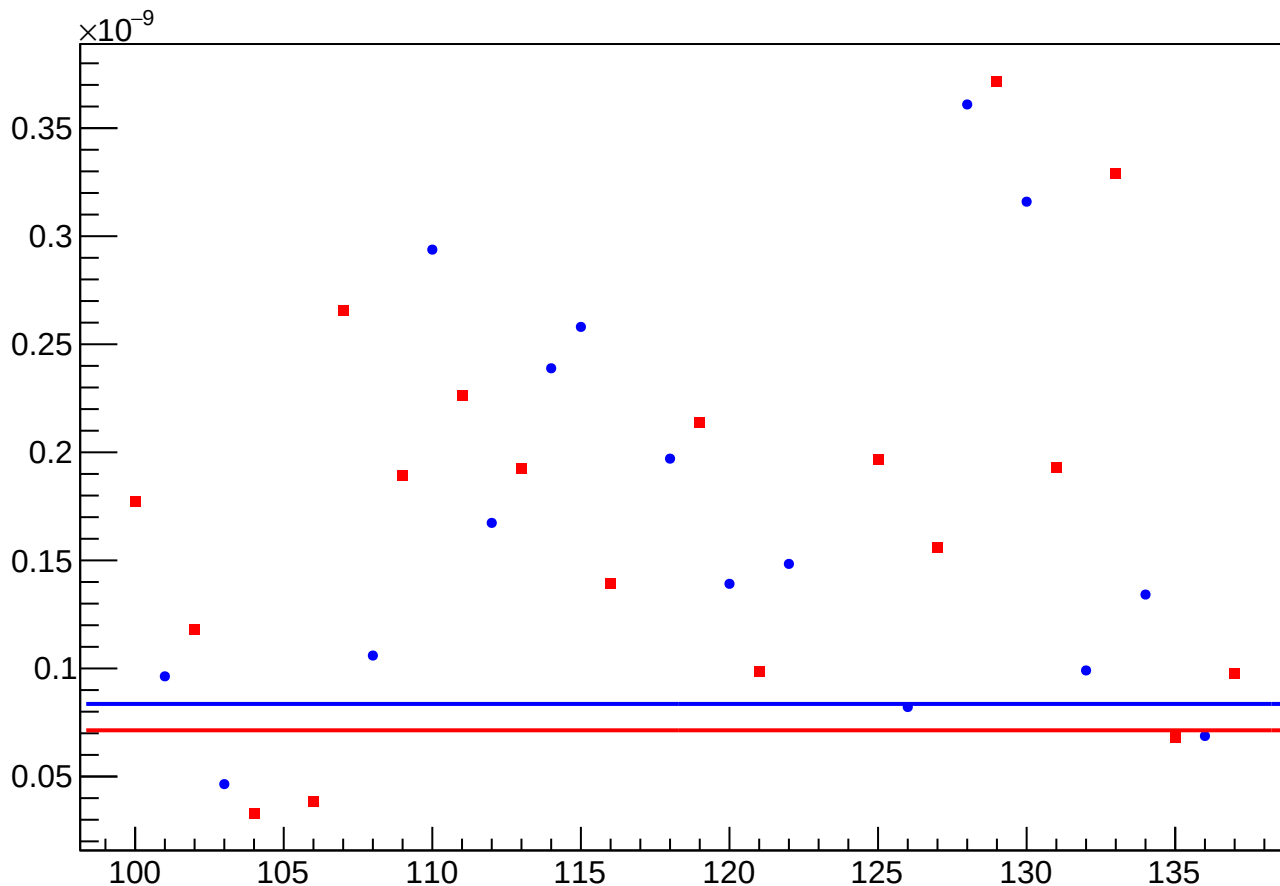
Right: -0.000 ± 0.000 χ^2/NDF : 43.7/33

In: -0.000 ± 0.000 χ^2/NDF : 17.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 43.7/33

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2235431.4/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 3745180.4/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 6051897.3/33

In: 0.000+/-0.000

χ^2/NDF : 2235431.4/15

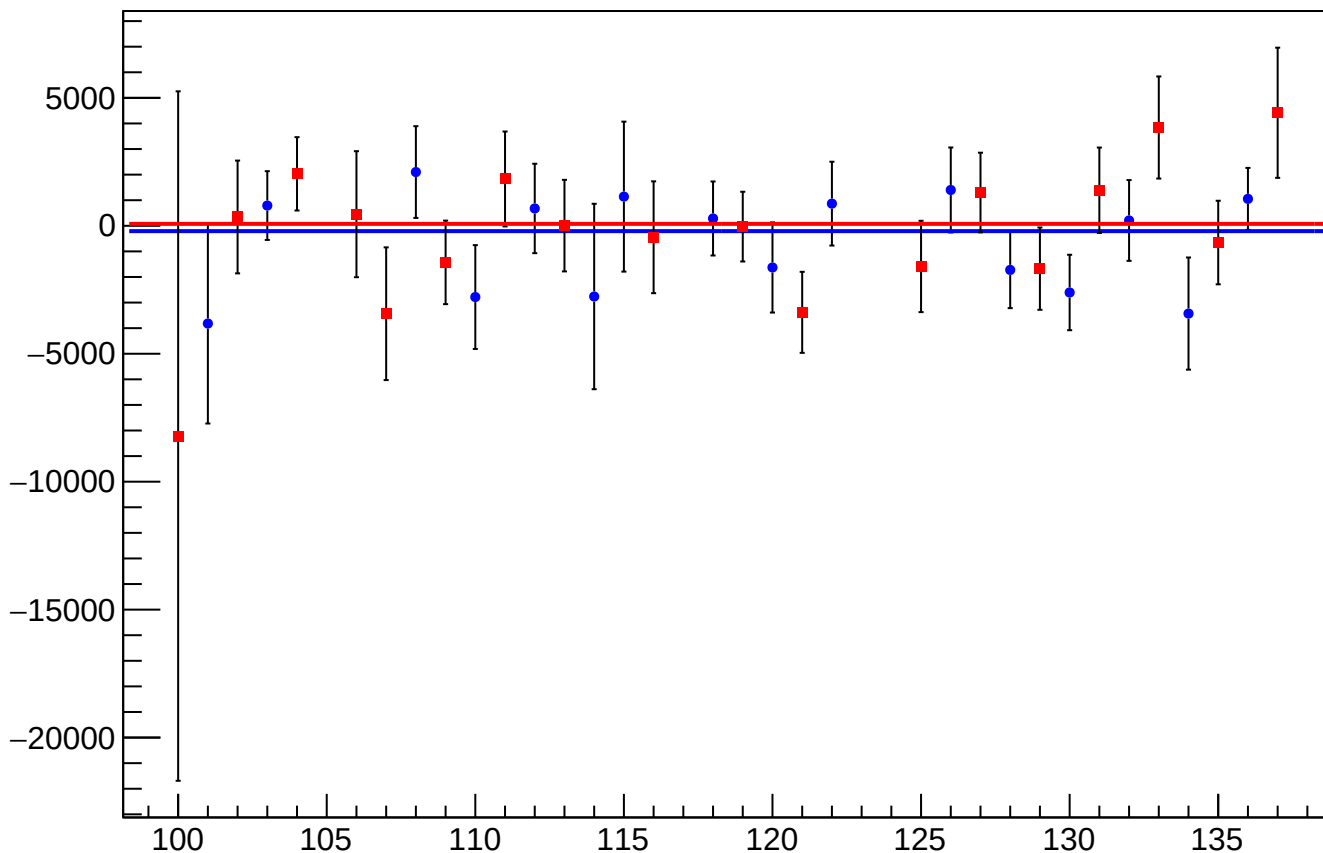
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 6051897.3/33

reg_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -208.338+/-429.155 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.616+/-430.760 χ^2/NDF : 20.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

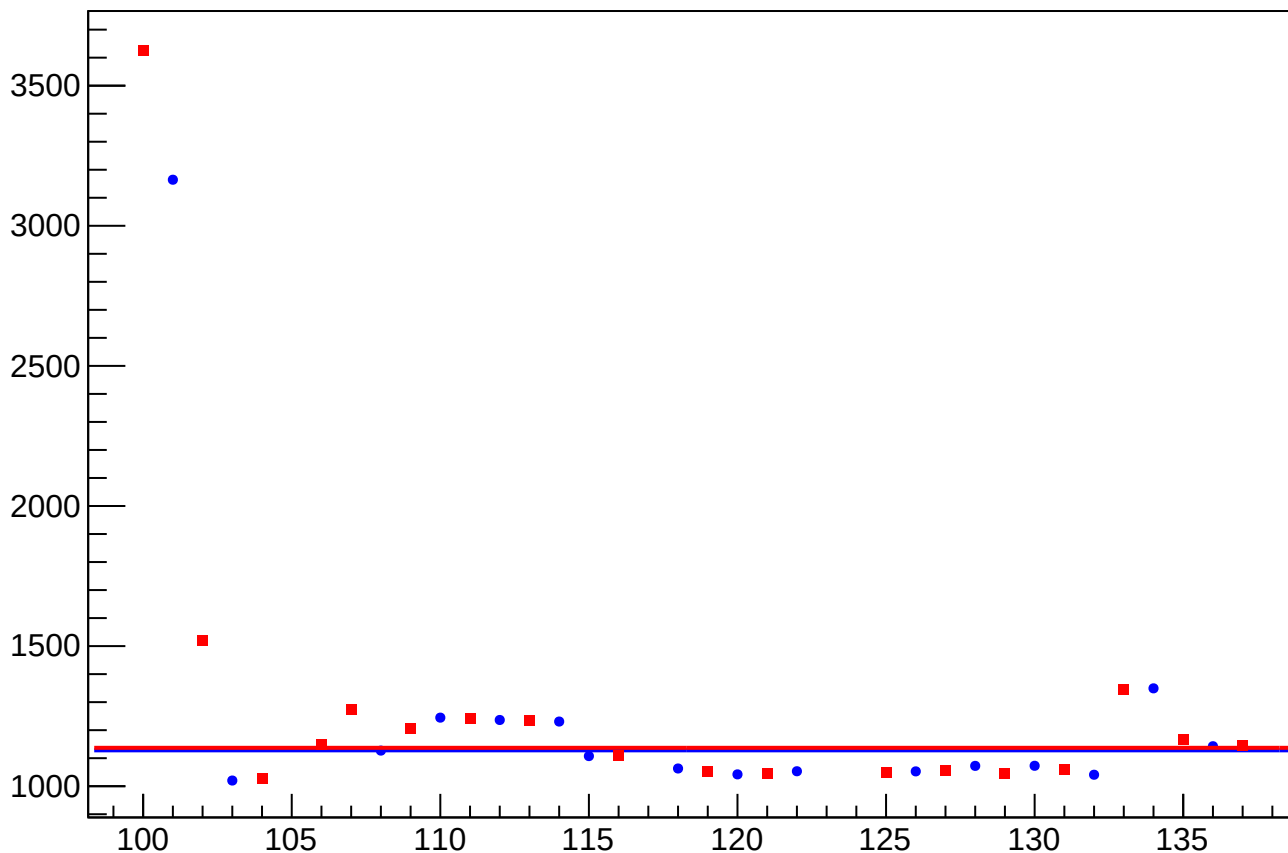
Right: -66.891+/-304.024 χ^2/NDF : 35.6/33

In: -208.338+/-429.155 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.891+/-304.024 χ^2/NDF : 35.6/33

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1128.007+/-0.303 χ^2/NDF : 621394.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.041+/-0.304 χ^2/NDF : 220086.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

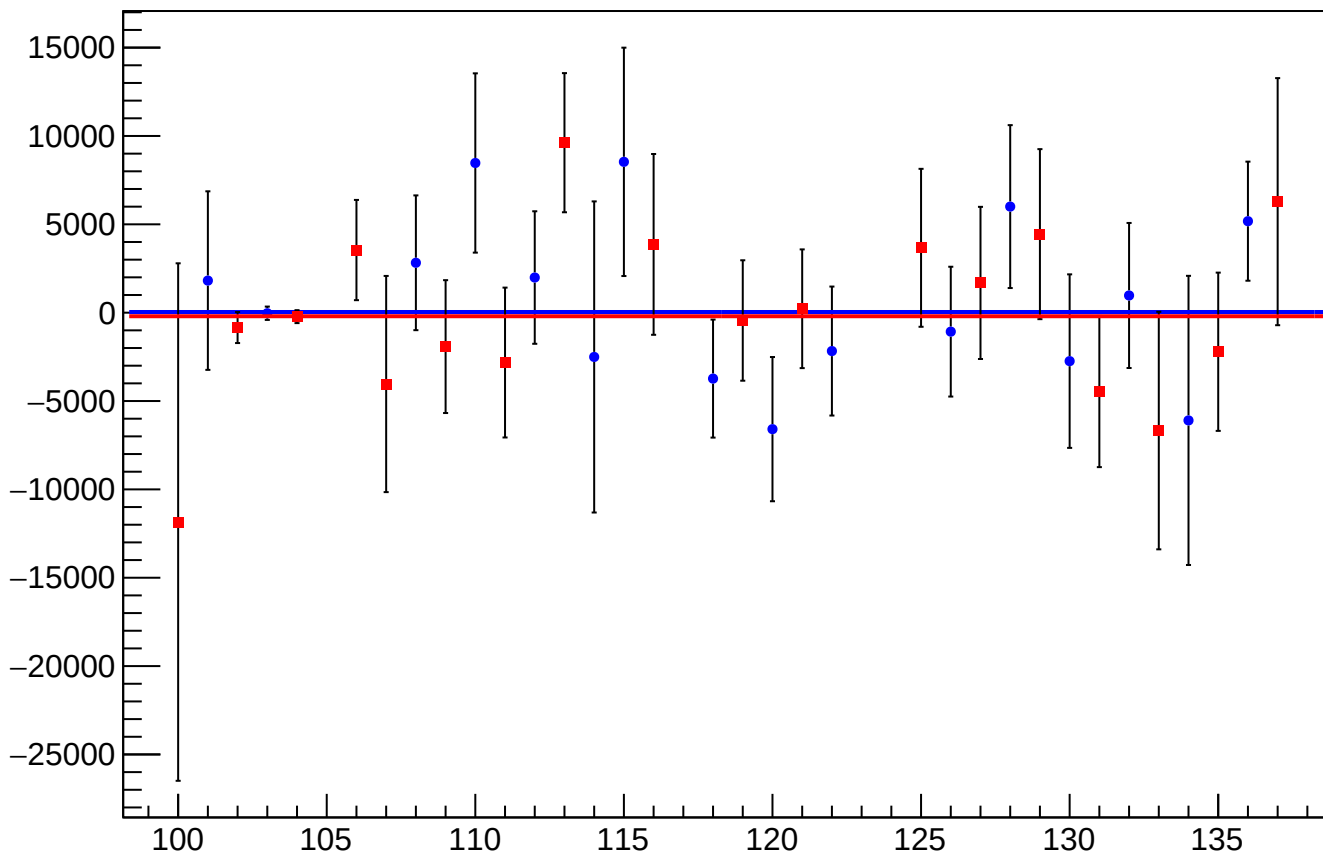
Right: 1132.516+/-0.215 χ^2/NDF : 841922.9/33

In: 1128.007+/-0.303 χ^2/NDF : 621394.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.516+/-0.215 χ^2/NDF : 841922.9/33

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 38.300+/-357.651 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -201.642+/-322.545 χ^2/NDF : 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

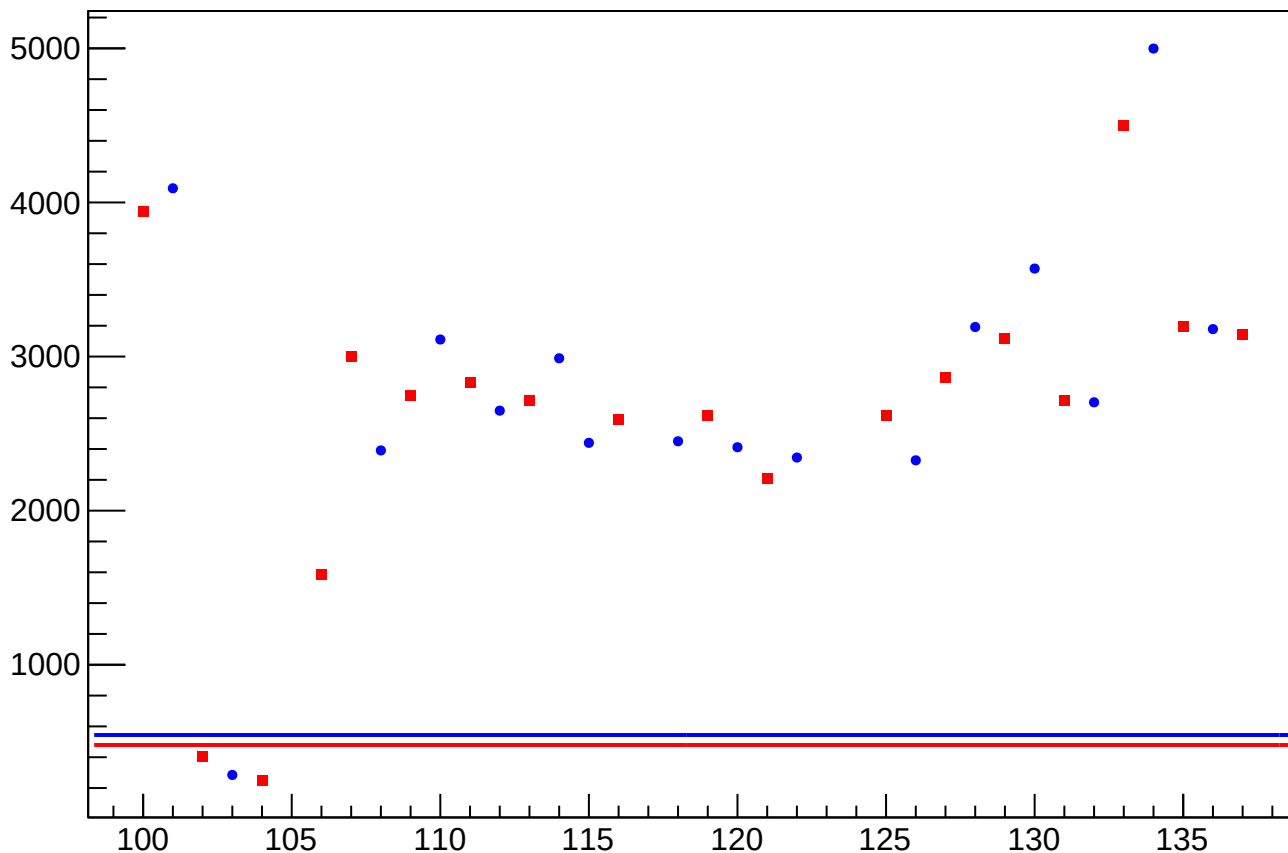
Right: -94.022+/-239.526 χ^2/NDF : 30.7/33

In: 38.300+/-357.651 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.022+/-239.526 χ^2/NDF : 30.7/33

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 544.336+/-0.253 χ^2/NDF : 9682967.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.253+/-0.228 χ^2/NDF : 9187985.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

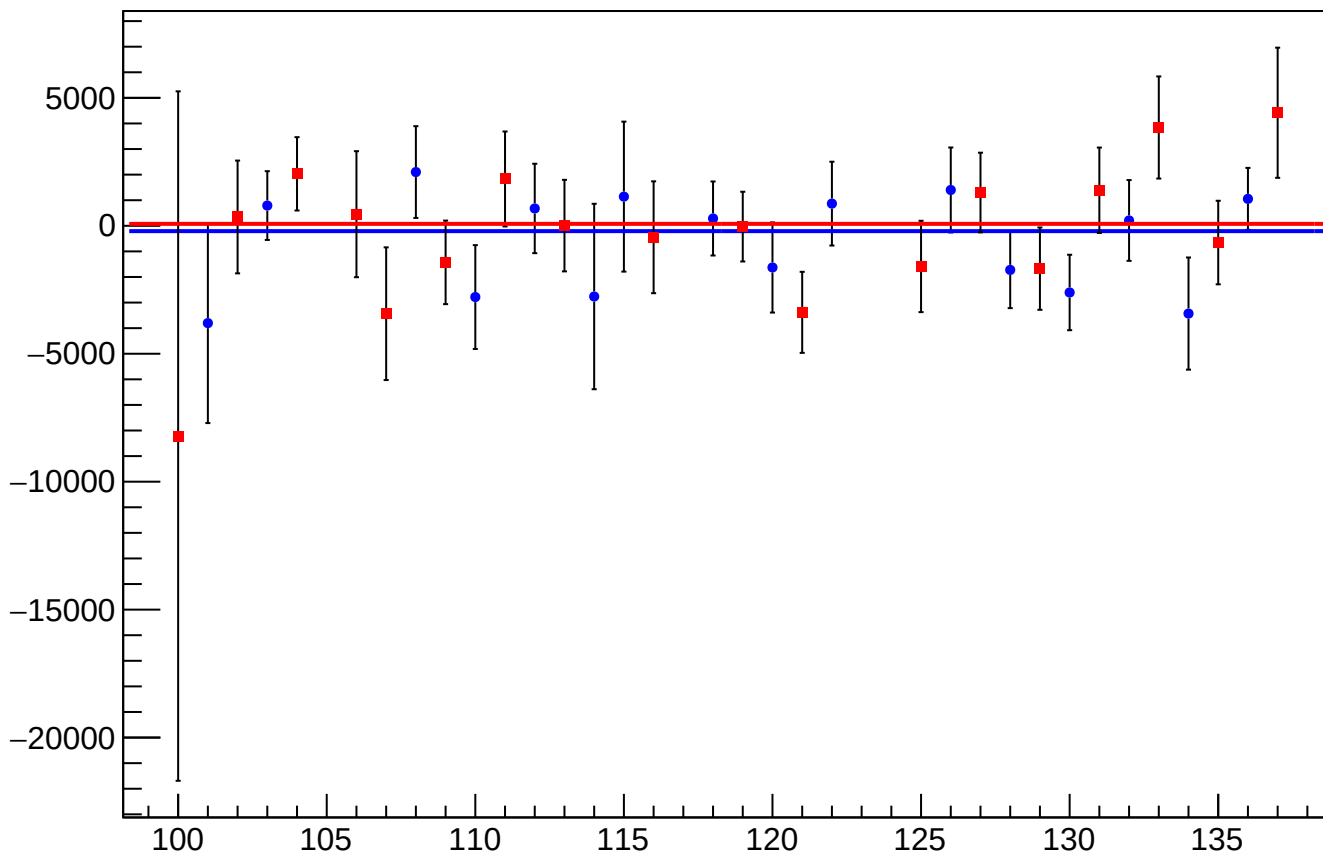
Right: 508.444+/-0.169 χ^2/NDF : 18907476.4/33

In: 544.336+/-0.253 χ^2/NDF : 9682967.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 508.444+/-0.169 χ^2/NDF : 18907476.4/33

cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -208.110 ± 429.155 χ^2/NDF : 14.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 75.761 ± 430.760 χ^2/NDF : 20.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

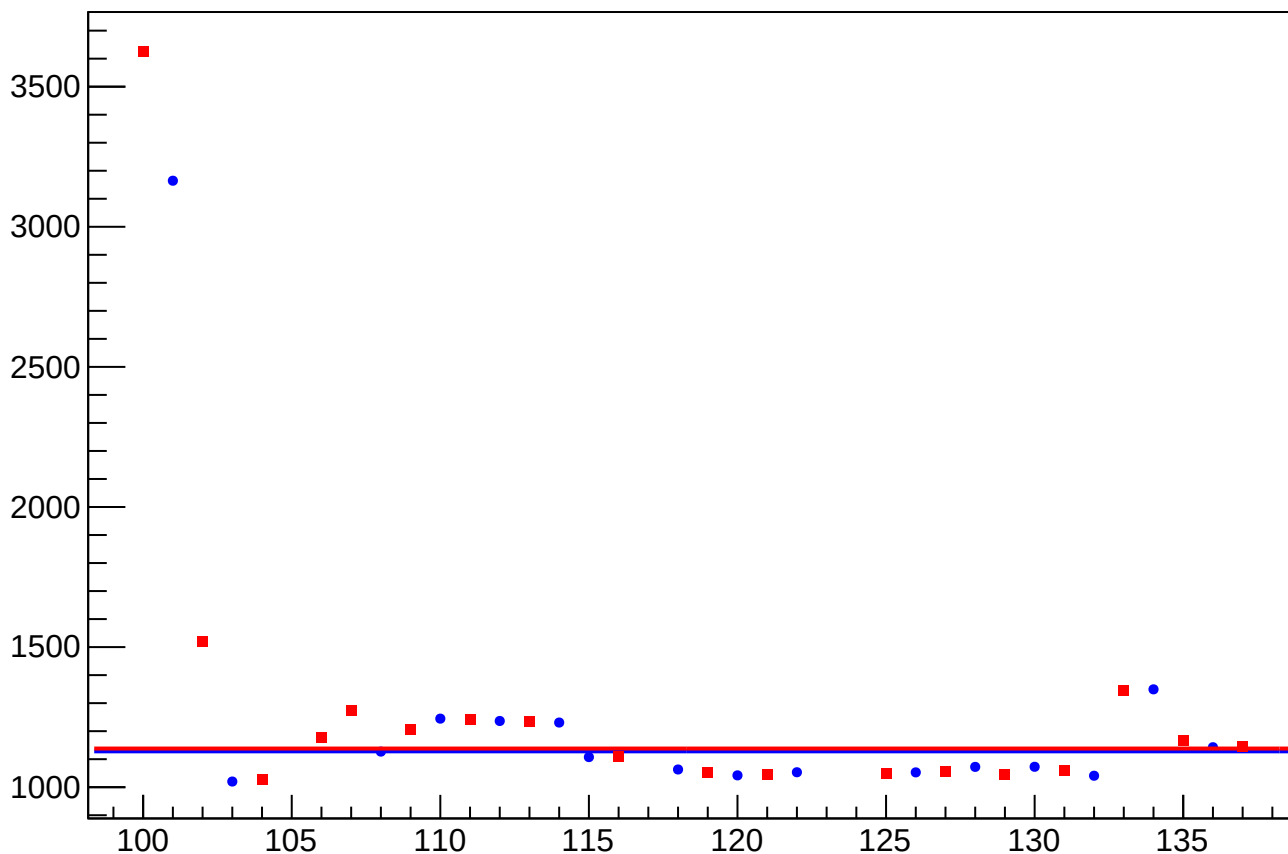
Right: -66.705 ± 304.024 χ^2/NDF : 35.6/33

In: -208.110 ± 429.155 χ^2/NDF : 14.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.705 ± 304.024 χ^2/NDF : 35.6/33

cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.000+/-0.304 χ^2/NDF : 220624.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

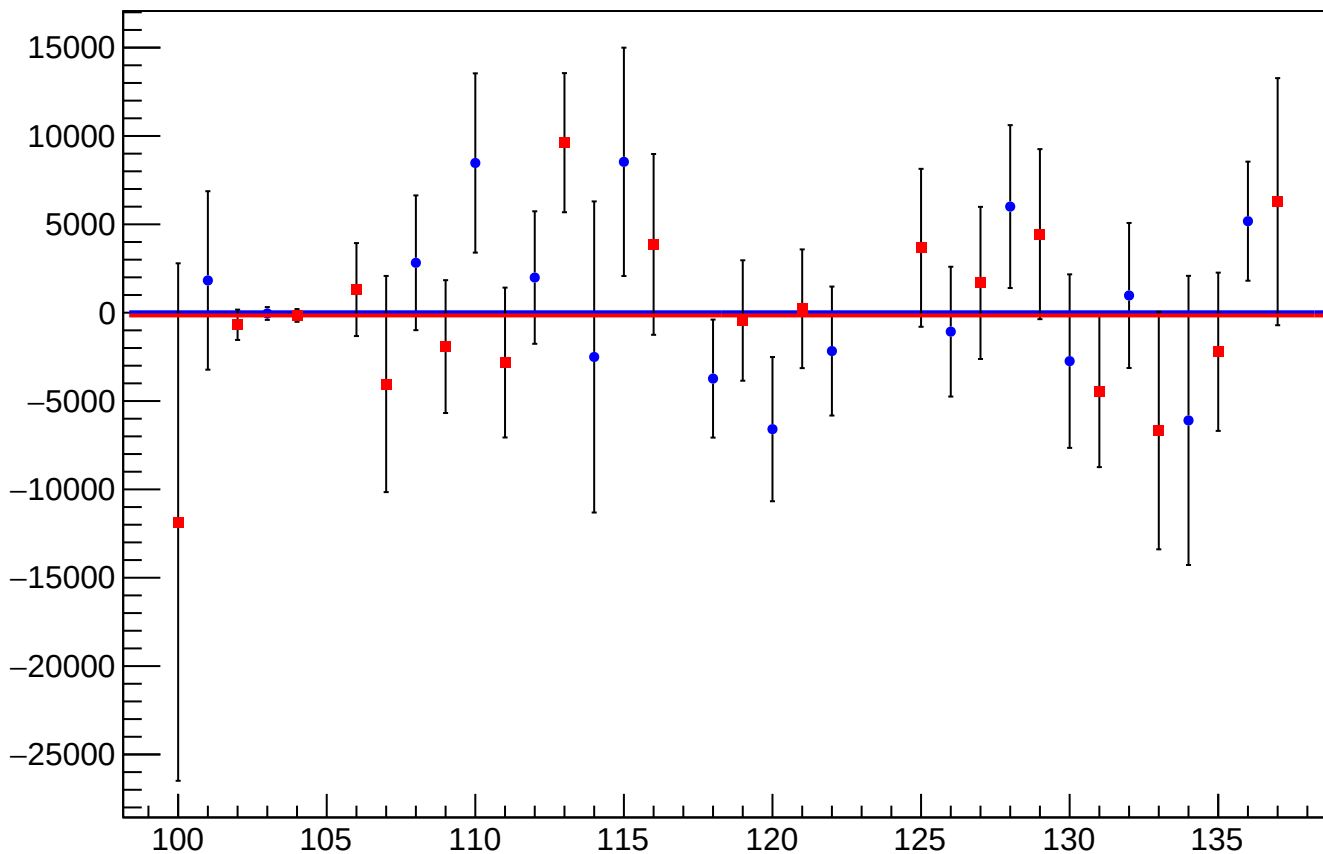
Right: 1132.987+/-0.215 χ^2/NDF : 842560.5/33

In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.987+/-0.215 χ^2/NDF : 842560.5/33

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.645 $\pm$ 344.525 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -156.231 $\pm$ 317.367 χ^2 /NDF: 14.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

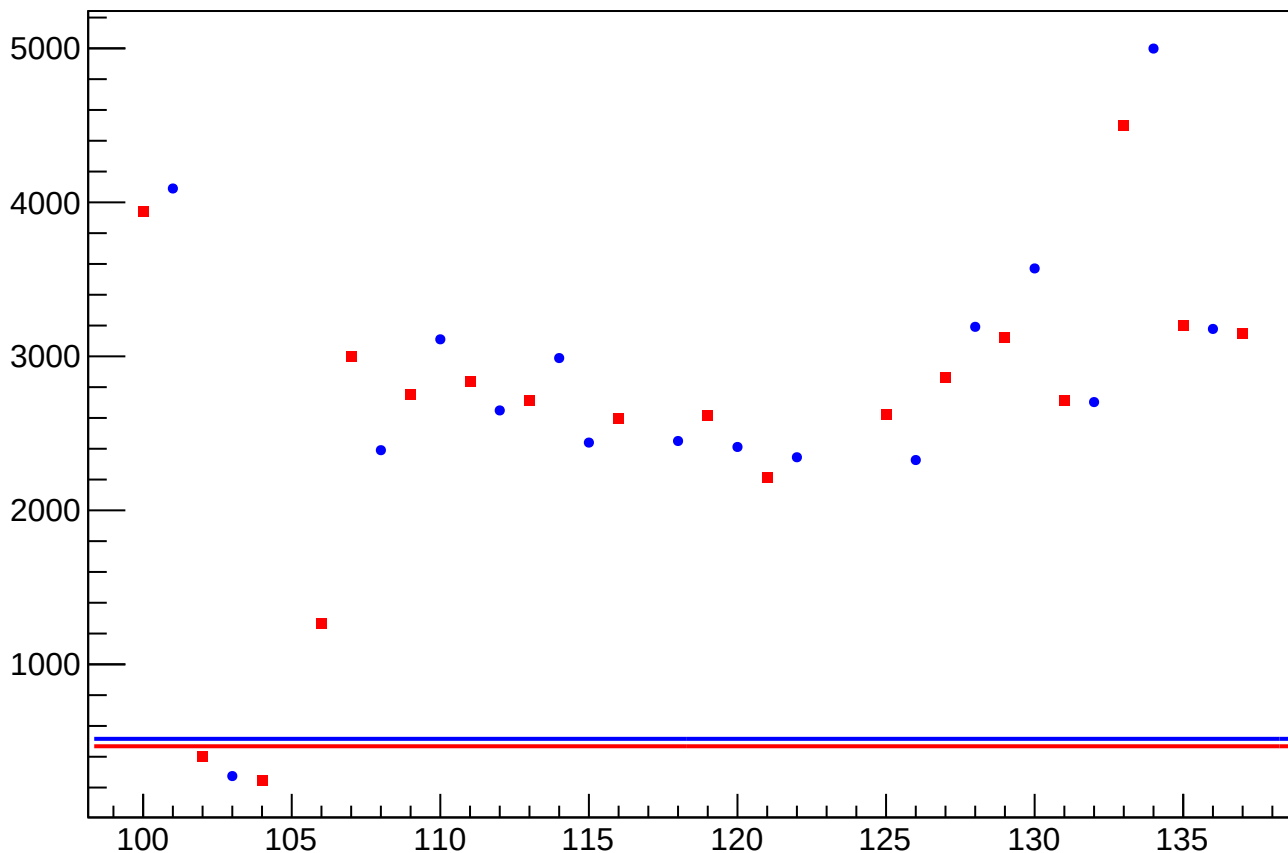
Right: -74.579 $\pm$ 233.424 χ^2 /NDF: 29.0/33

In: 21.645 $\pm$ 344.525 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.579 $\pm$ 233.424 χ^2 /NDF: 29.0/33

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 516.297+/-0.244 χ^2/NDF : 9834669.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.060+/-0.224 χ^2/NDF : 9111222.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

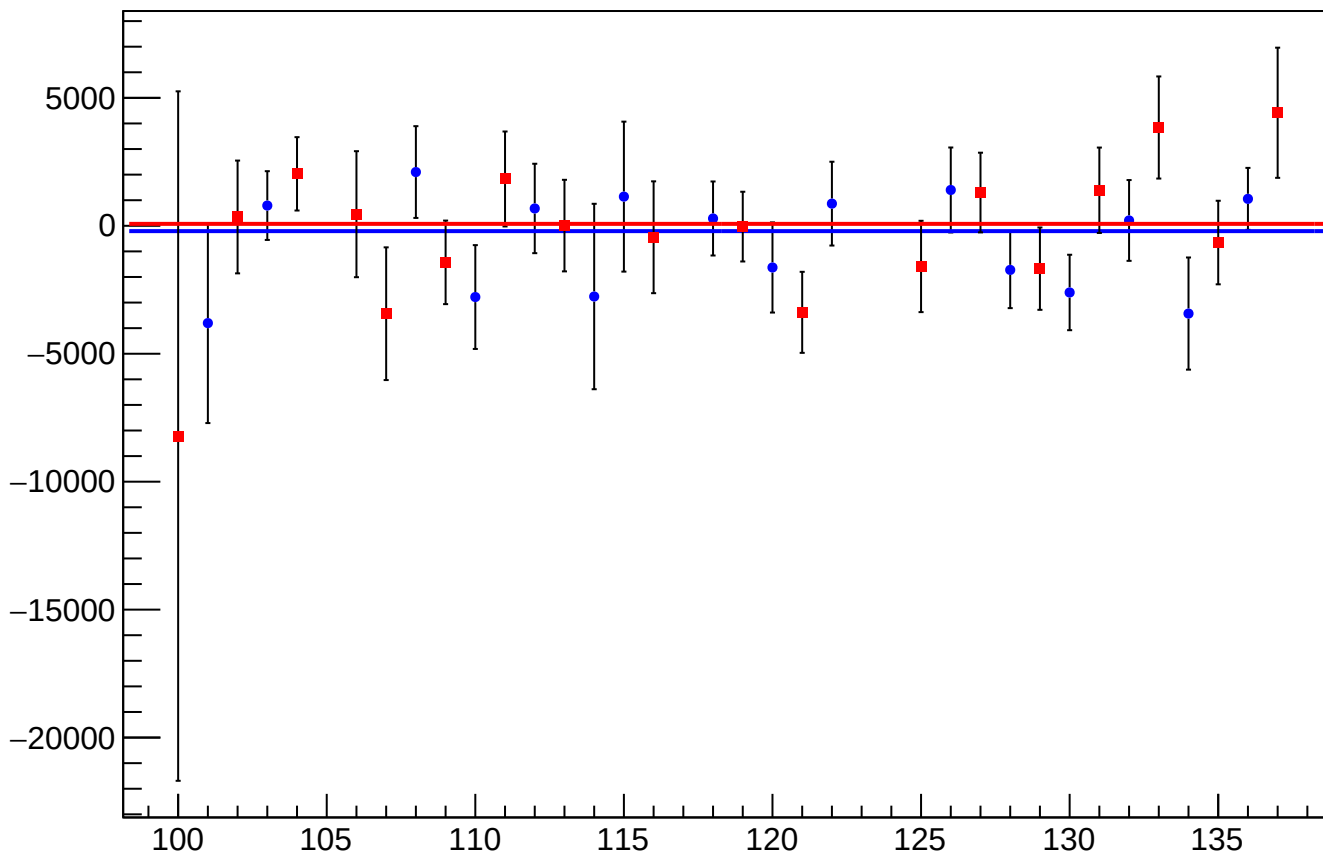
Right: 490.202+/-0.165 χ^2/NDF : 18967100.3/33

In: 516.297+/-0.244 χ^2/NDF : 9834669.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.202+/-0.165 χ^2/NDF : 18967100.3/33

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -208.110 ± 429.155 χ^2/NDF : 14.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 75.761 ± 430.760 χ^2/NDF : 20.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

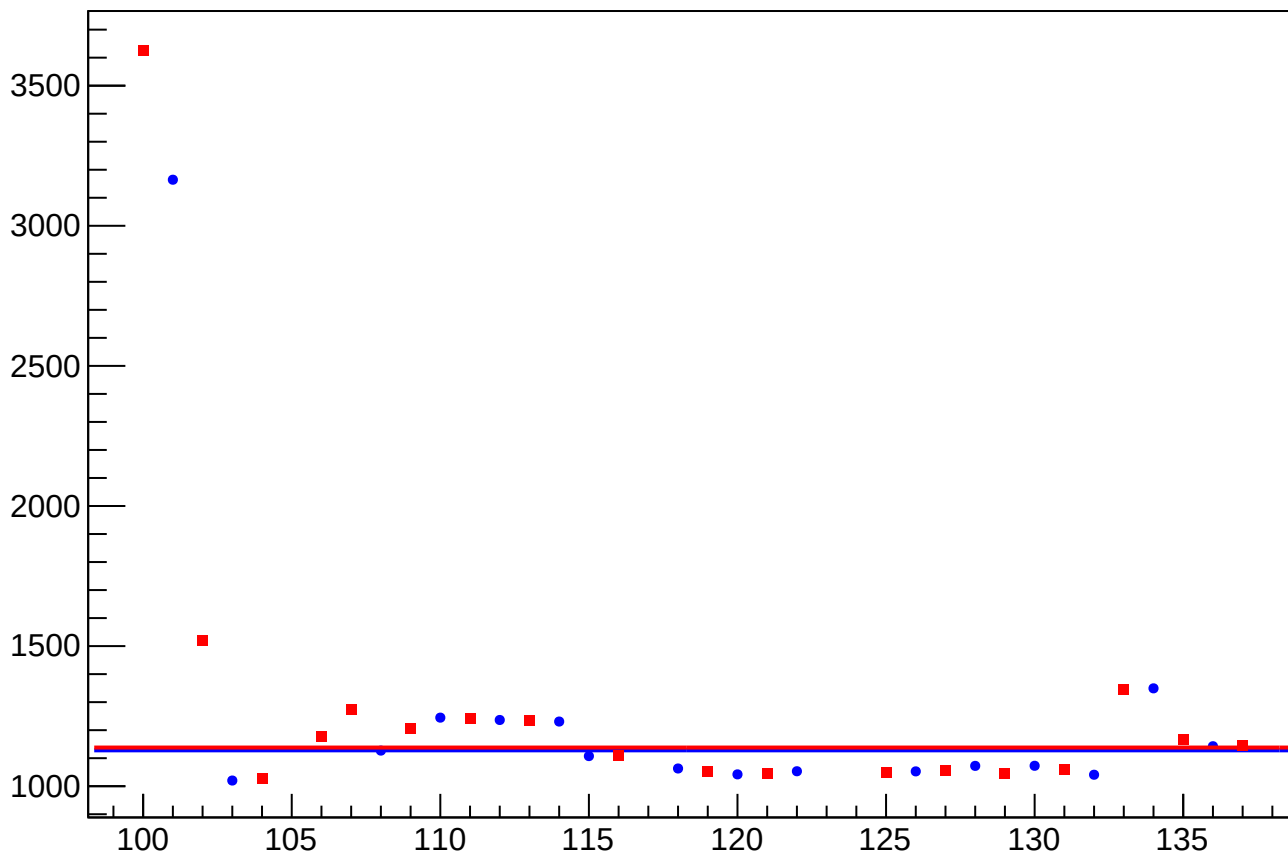
Right: -66.705 ± 304.024 χ^2/NDF : 35.6/33

In: -208.110 ± 429.155 χ^2/NDF : 14.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -66.705 ± 304.024 χ^2/NDF : 35.6/33

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.000+/-0.304 χ^2/NDF : 220624.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

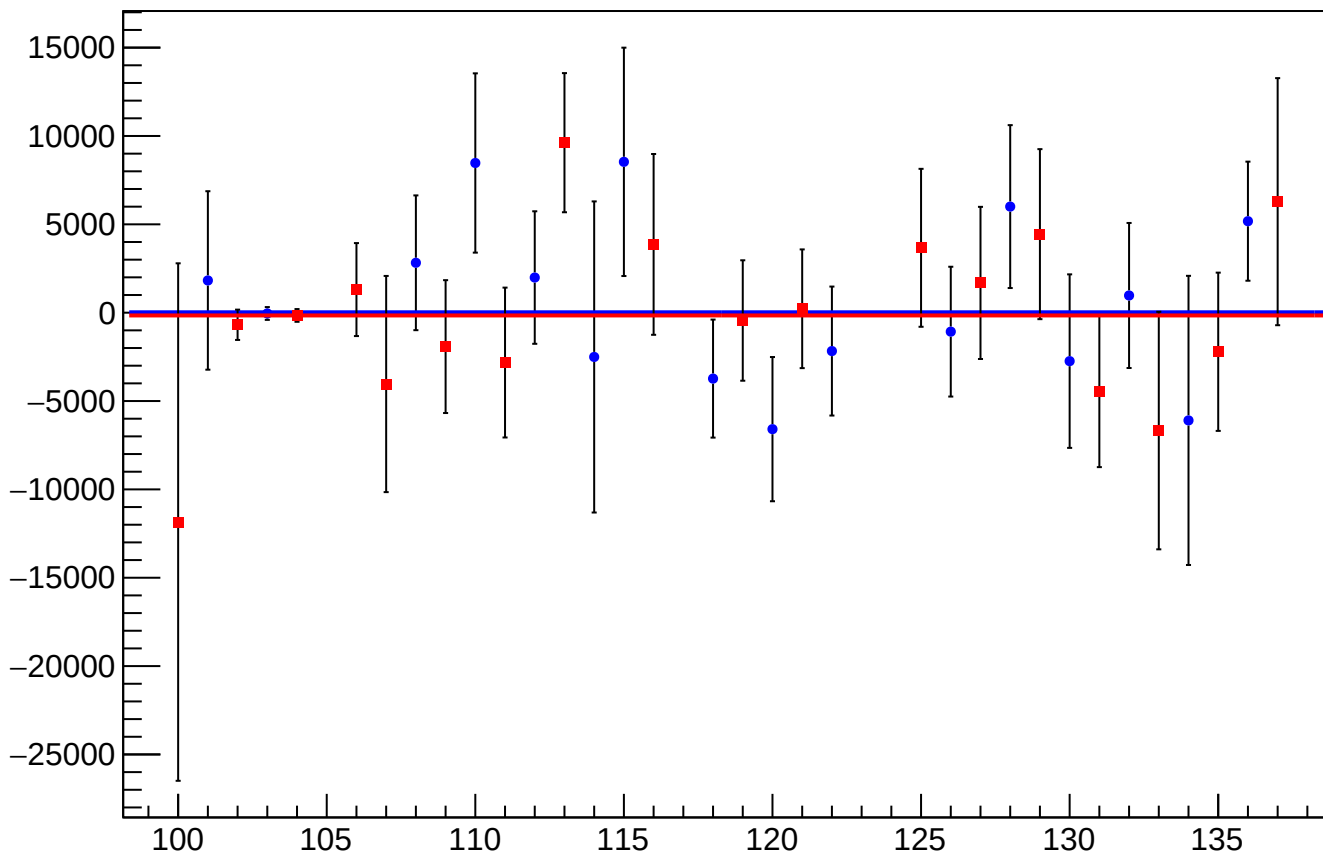
Right: 1132.987+/-0.215 χ^2/NDF : 842560.5/33

In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.987+/-0.215 χ^2/NDF : 842560.5/33

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 21.645 $\pm$ 344.525 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -156.231 $\pm$ 317.367 χ^2 /NDF: 14.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

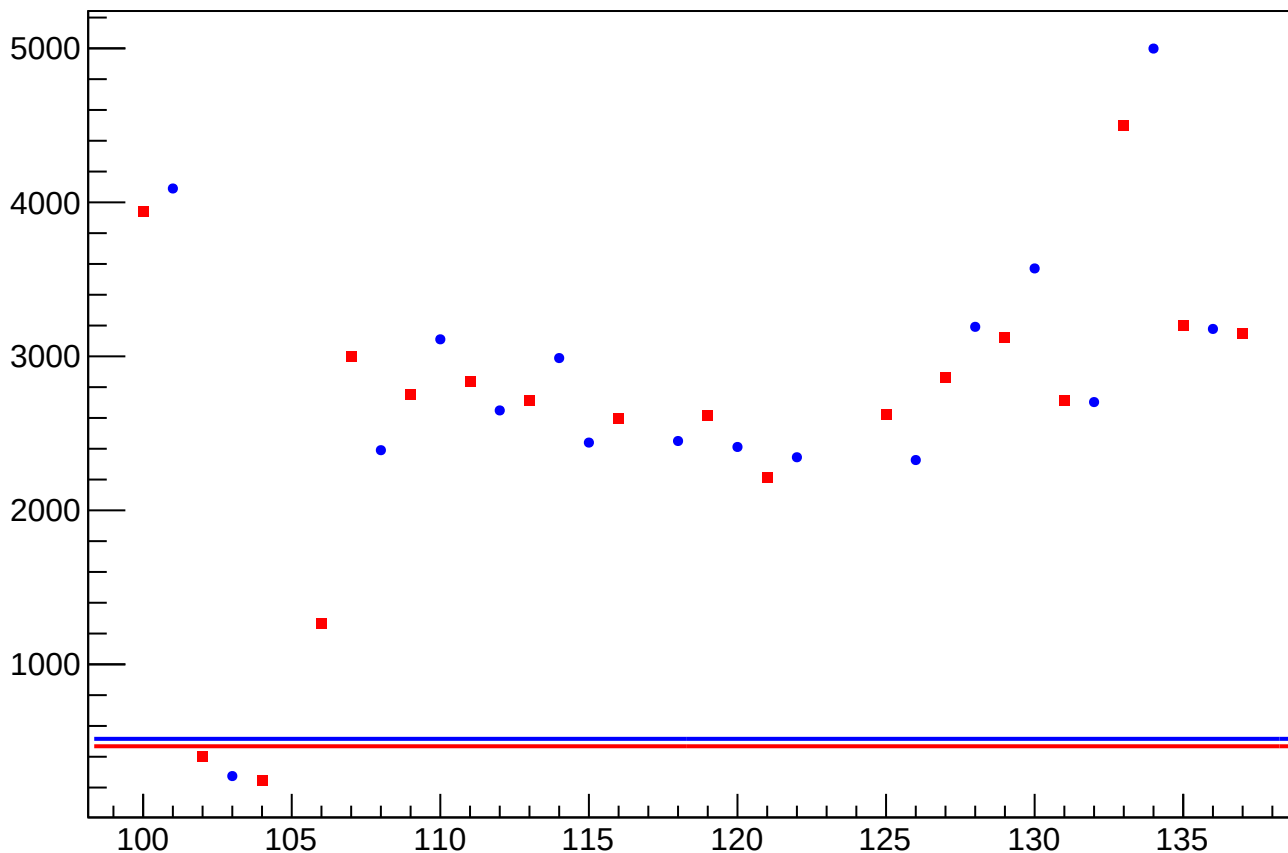
Right: -74.579 $\pm$ 233.424 χ^2 /NDF: 29.0/33

In: 21.645 $\pm$ 344.525 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.579 $\pm$ 233.424 χ^2 /NDF: 29.0/33

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 516.297+/-0.244 χ^2/NDF : 9834669.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 468.060+/-0.224 χ^2/NDF : 9111222.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

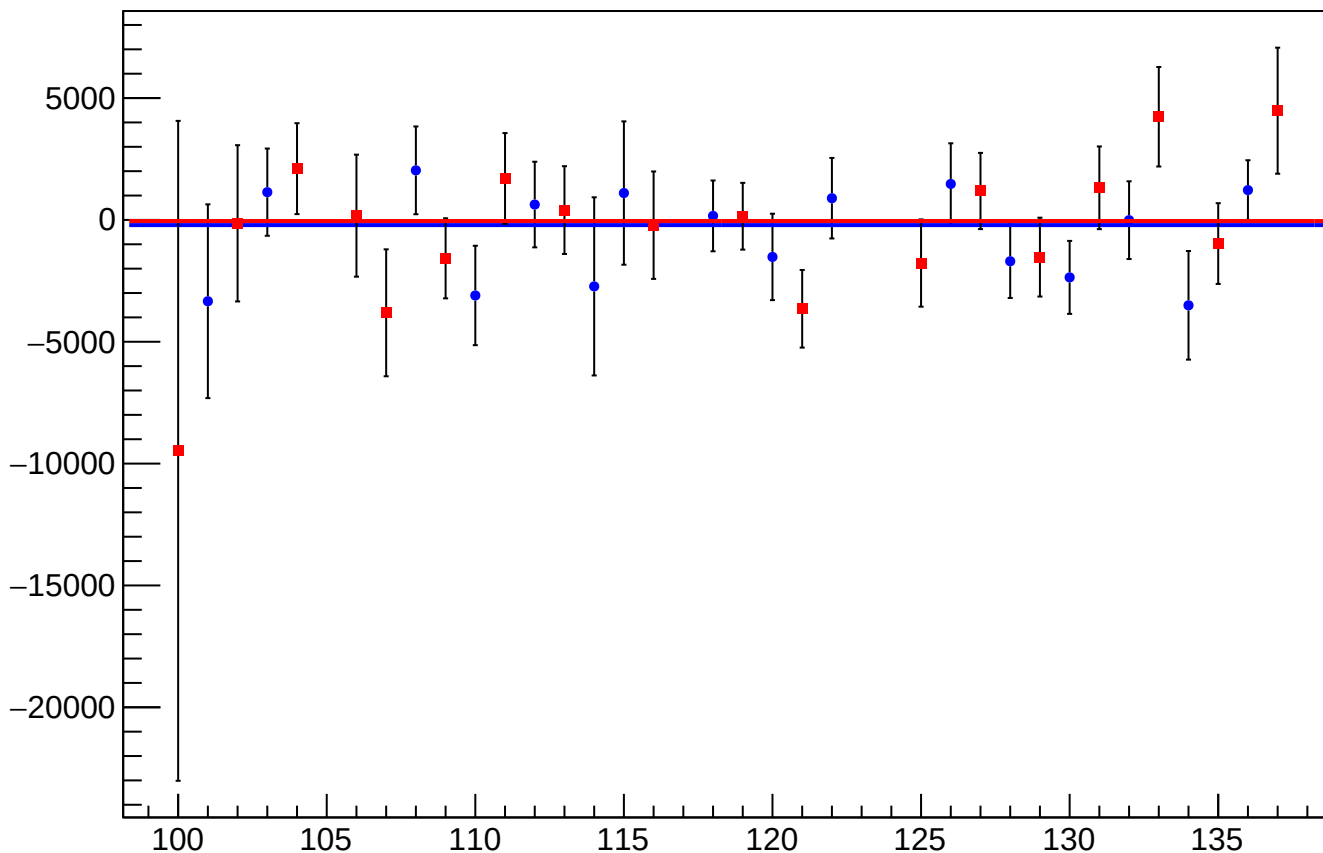
Right: 490.202+/-0.165 χ^2/NDF : 18967100.3/33

In: 516.297+/-0.244 χ^2/NDF : 9834669.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.202+/-0.165 χ^2/NDF : 18967100.3/33

dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -213.079+/-442.684 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.535+/-447.221 χ^2/NDF : 21.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

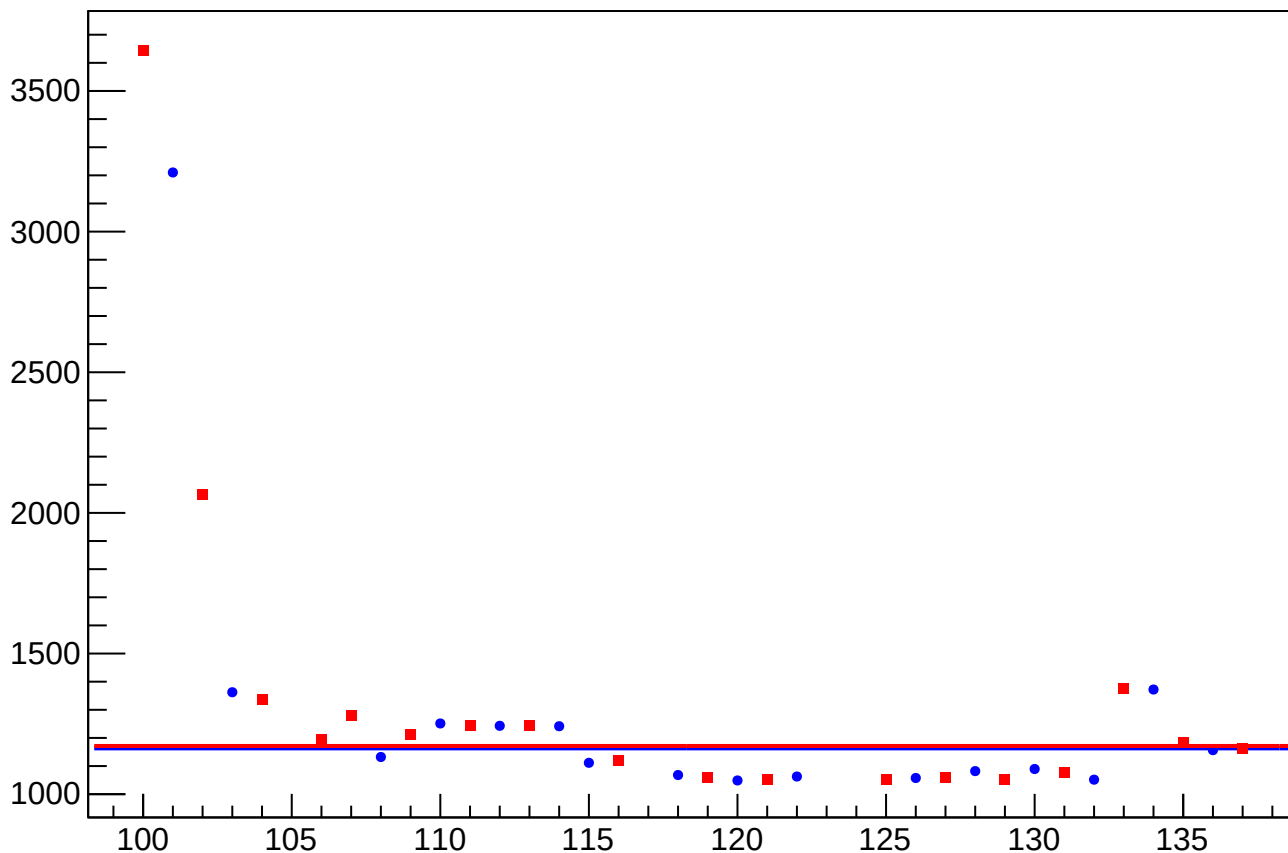
Right: -130.161+/-314.617 χ^2/NDF : 36.1/33

In: -213.079+/-442.684 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.161+/-314.617 χ^2/NDF : 36.1/33

dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1162.851+/-0.313 χ^2/NDF : 635353.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.420+/-0.316 χ^2/NDF : 331640.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

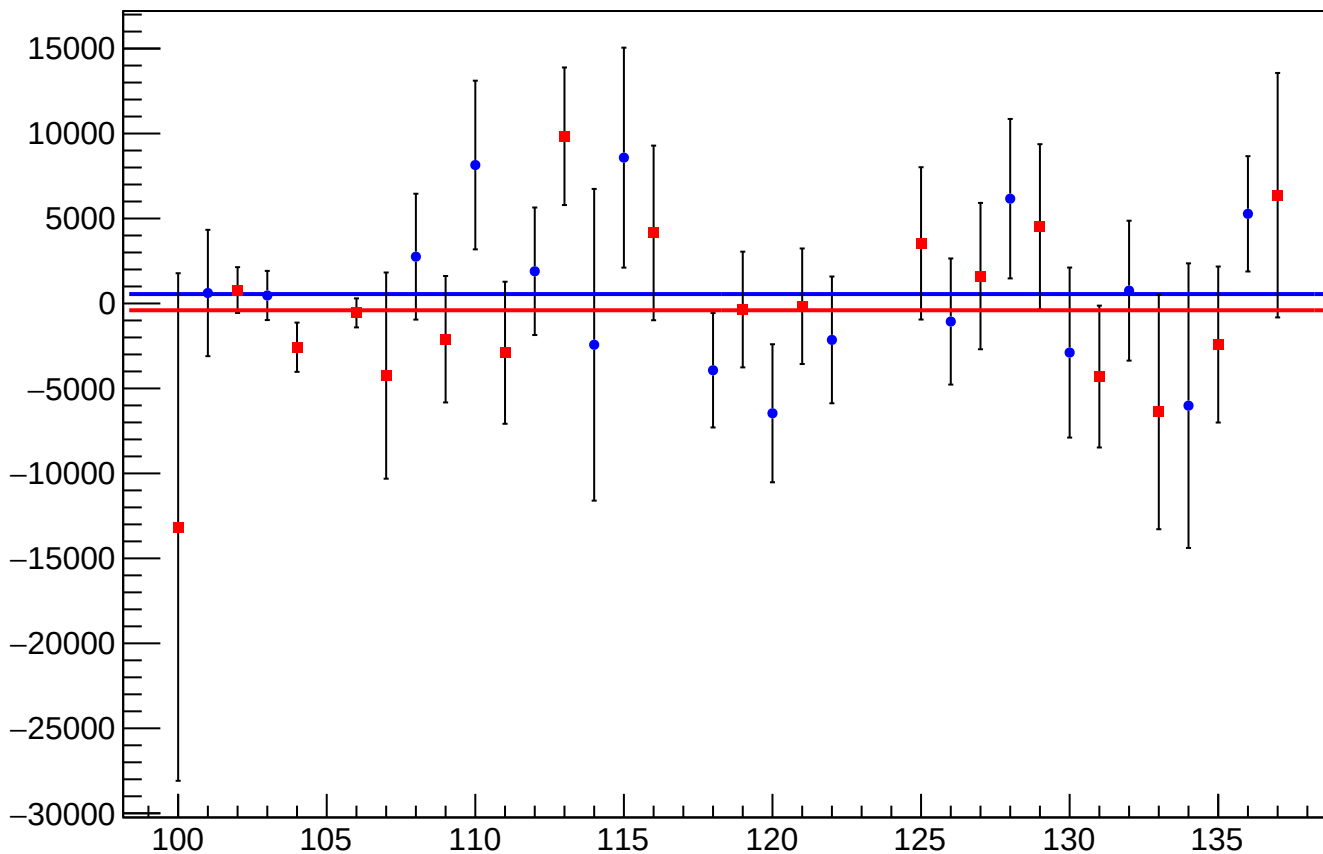
Right: 1167.094+/-0.222 χ^2/NDF : 967365.3/33

In: 1162.851+/-0.313 χ^2/NDF : 635353.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.094+/-0.222 χ^2/NDF : 967365.3/33

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 552.517+/-874.128 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -400.432+/-565.871 χ^2/NDF : 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

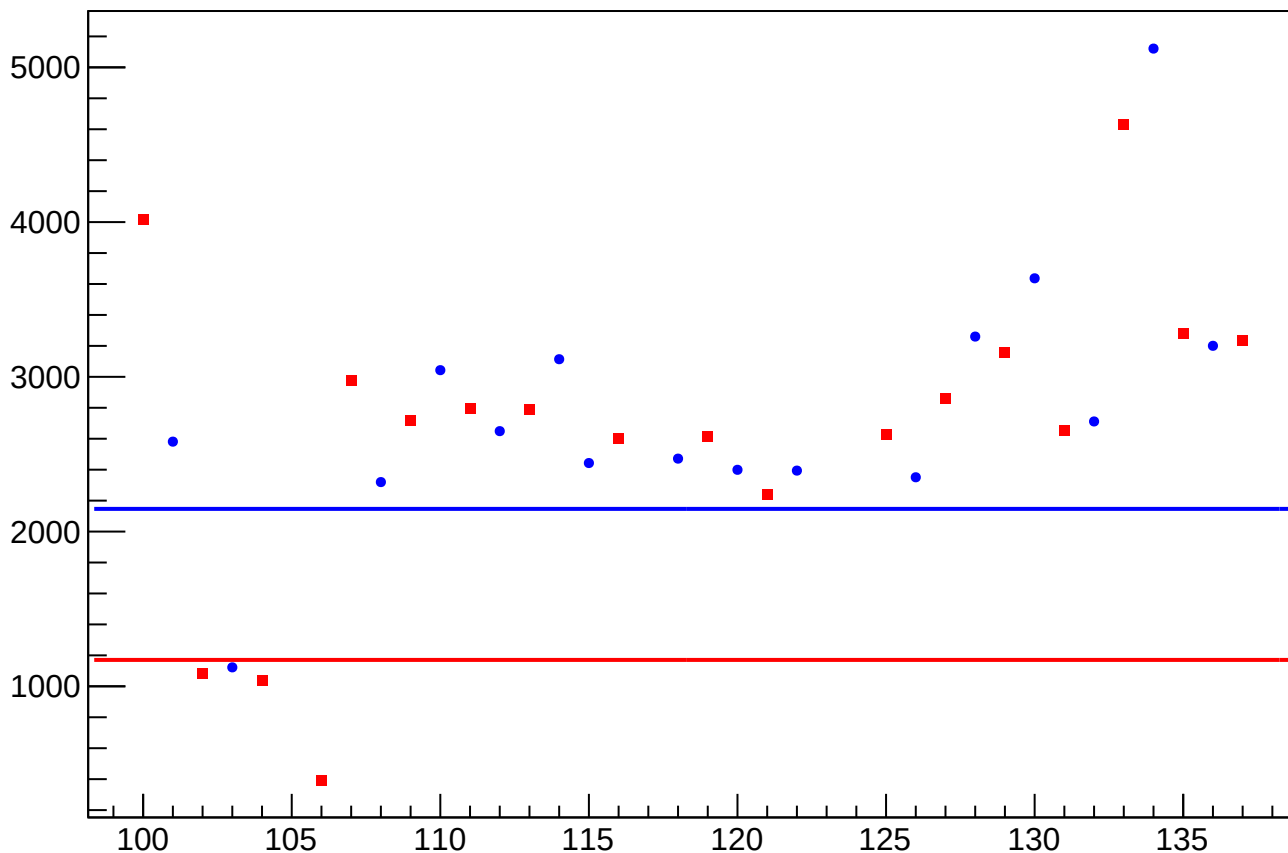
Right: -119.015+/-475.024 χ^2/NDF : 31.9/33

In: 552.517+/-874.128 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.015+/-475.024 χ^2/NDF : 31.9/33

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2146.616+/-0.618 χ^2/NDF : 1974723.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.573+/-0.400 χ^2/NDF : 5817478.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

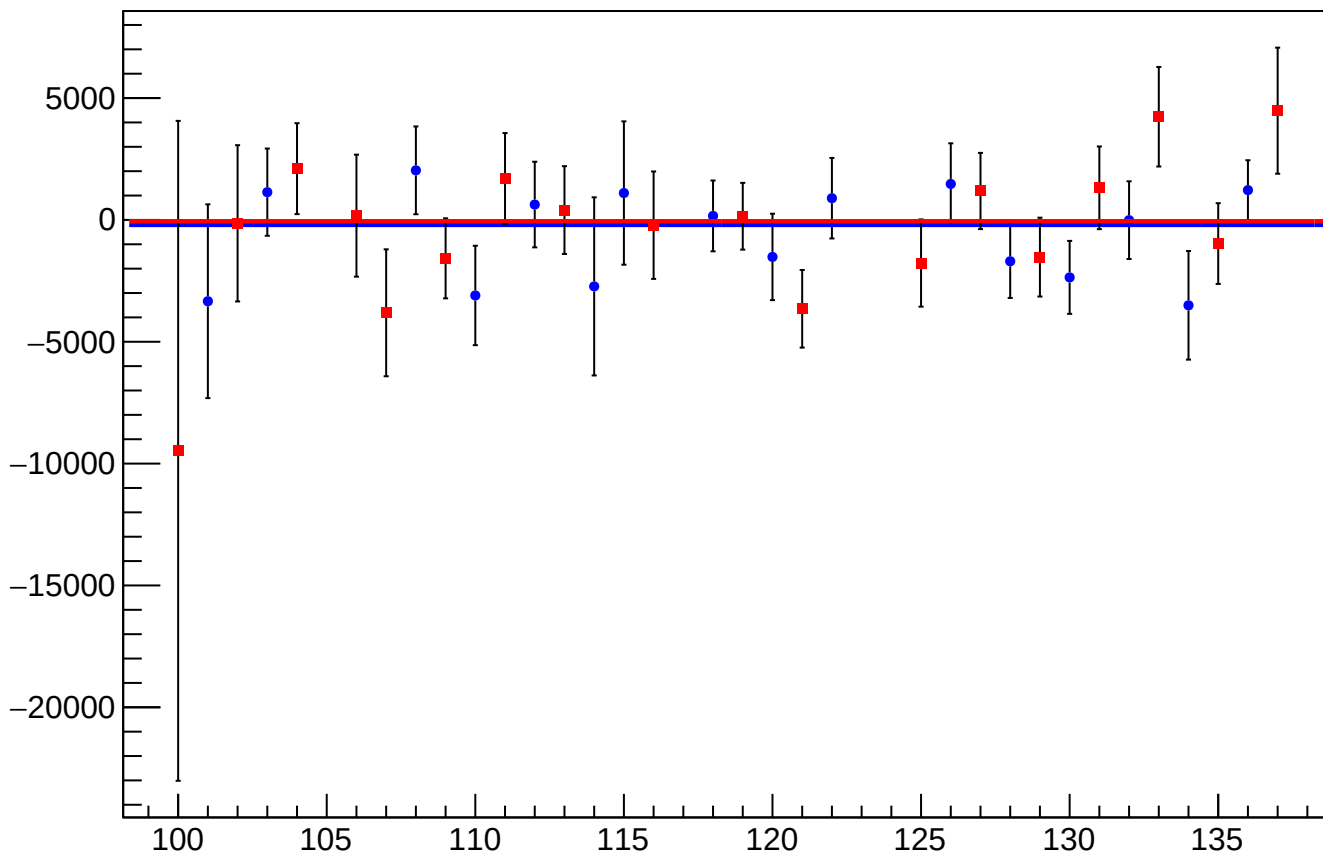
Right: 1458.811+/-0.336 χ^2/NDF : 9549375.1/33

In: 2146.616+/-0.618 χ^2/NDF : 1974723.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1458.811+/-0.336 χ^2/NDF : 9549375.1/33

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -213.082+/-442.684 χ^2/NDF : 14.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -45.539+/-447.221 χ^2/NDF : 21.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

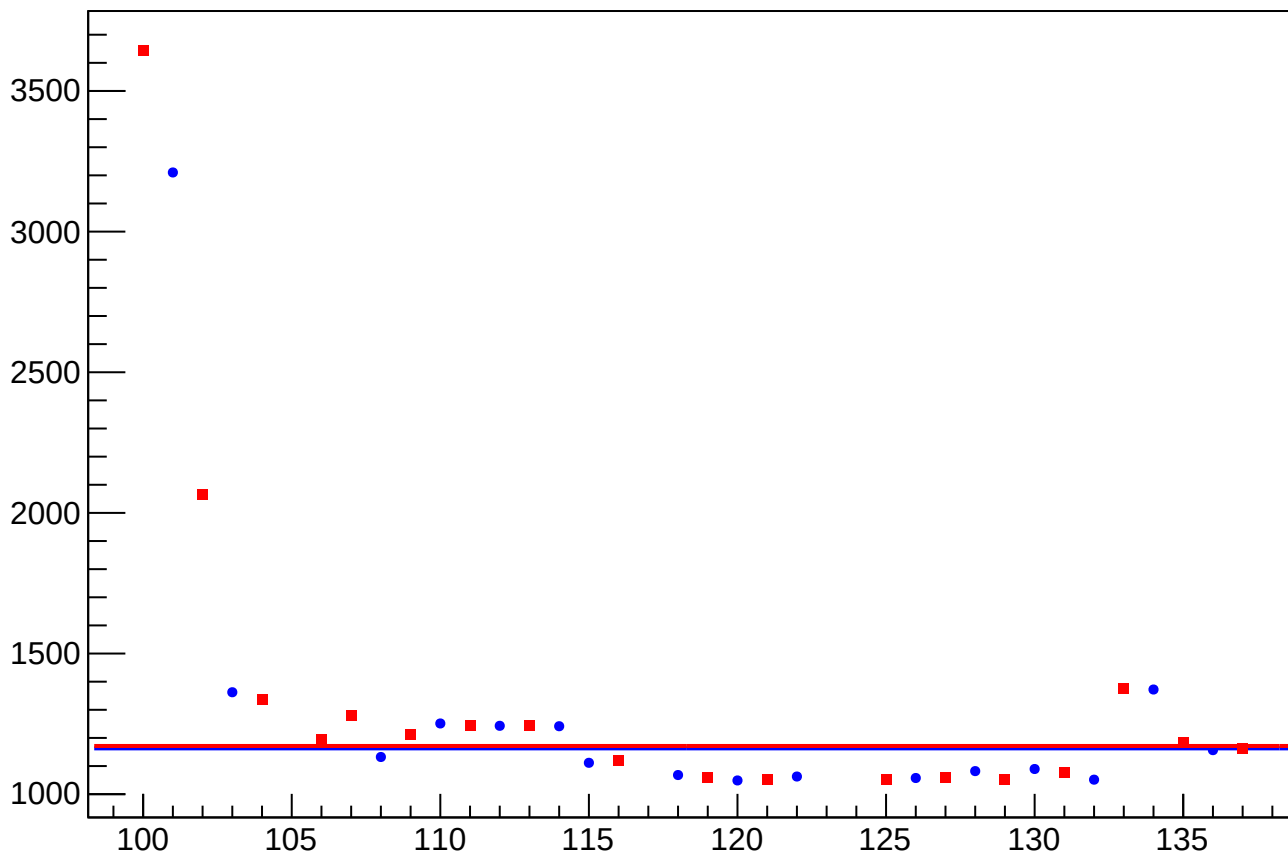
Right: -130.164+/-314.617 χ^2/NDF : 36.1/33

In: -213.082+/-442.684 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.164+/-314.617 χ^2/NDF : 36.1/33

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1162.851+/-0.313 χ^2/NDF : 635353.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.420+/-0.316 χ^2/NDF : 331640.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

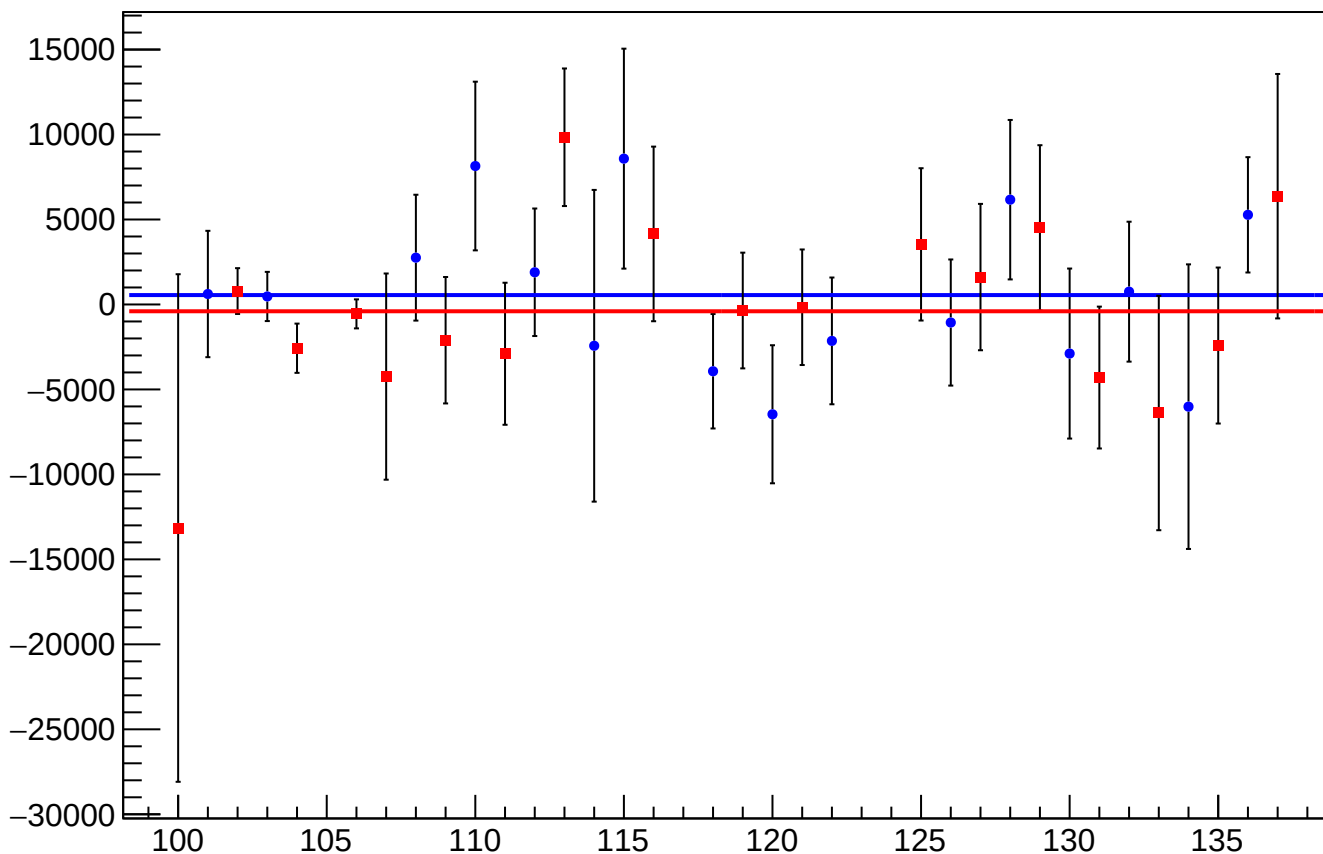
Right: 1167.094+/-0.222 χ^2/NDF : 967365.1/33

In: 1162.851+/-0.313 χ^2/NDF : 635353.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.094+/-0.222 χ^2/NDF : 967365.1/33

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 552.510+/-874.126 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -400.433+/-565.864 χ^2/NDF : 16.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

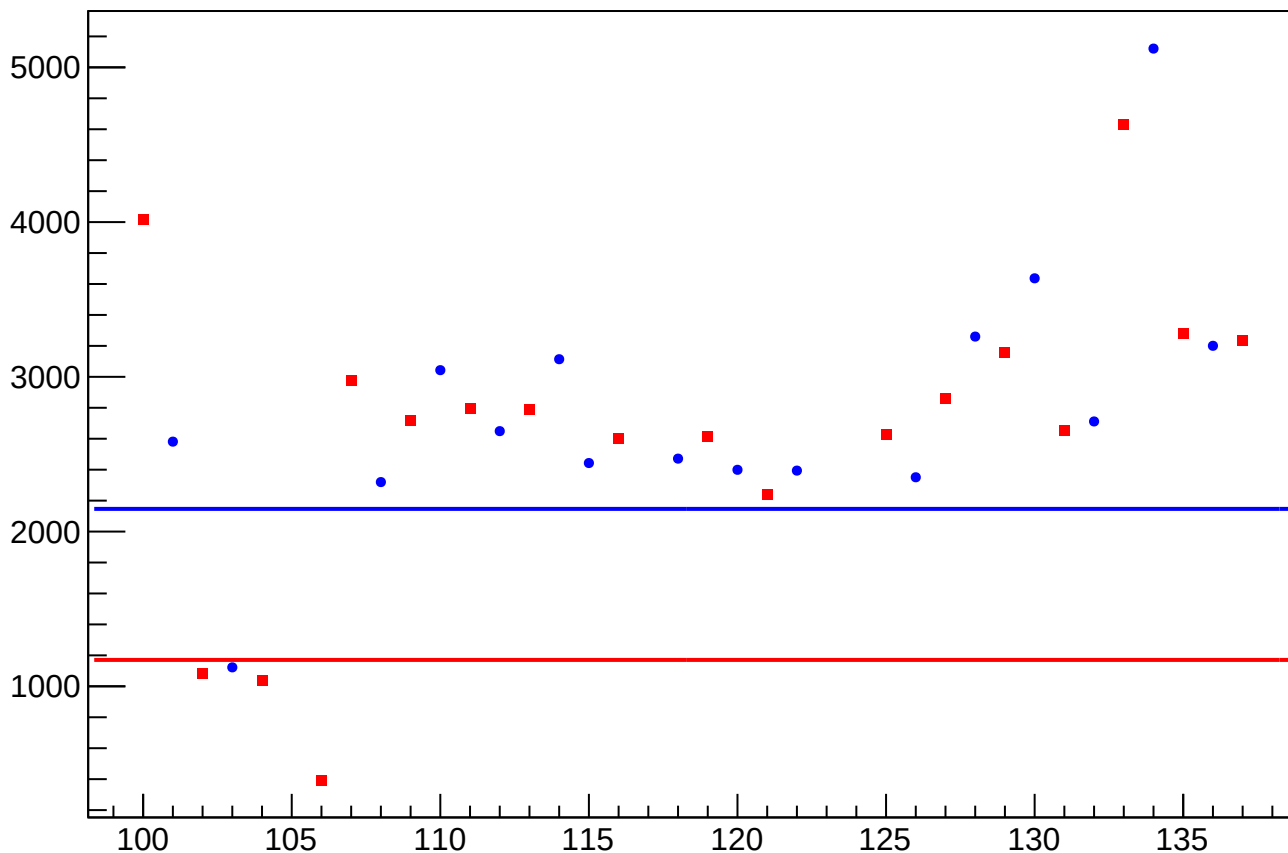
Right: -119.022+/-475.020 χ^2/NDF : 31.9/33

In: 552.510+/-874.126 χ^2/NDF :14.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.022+/-475.020 χ^2/NDF : 31.9/33

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2146.613+/-0.618 χ^2/NDF : 1974719.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1170.550+/-0.400 χ^2/NDF : 5817605.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

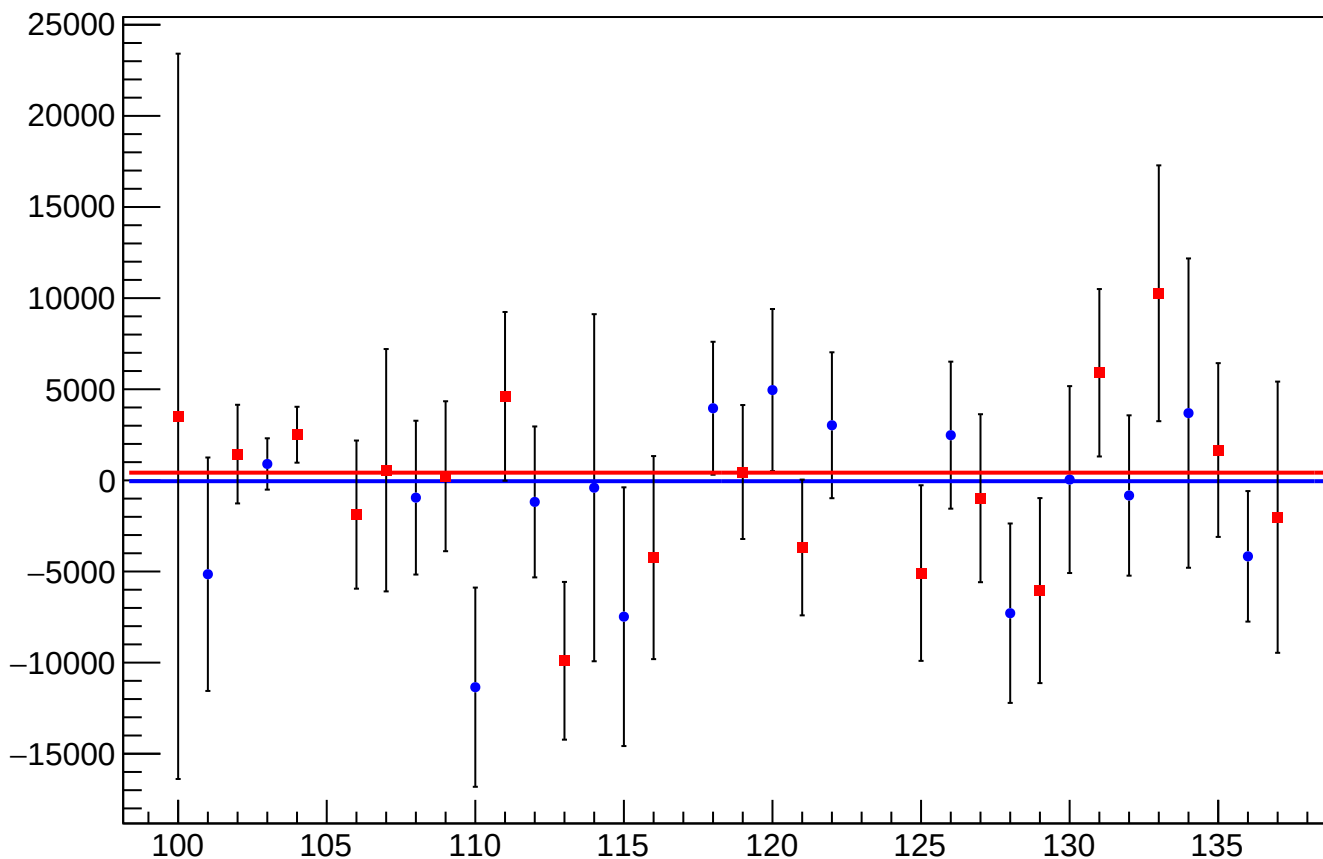
Right: 1458.789+/-0.336 χ^2/NDF : 9549586.1/33

In: 2146.613+/-0.618 χ^2/NDF : 1974719.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1458.789+/-0.336 χ^2/NDF : 9549586.1/33

asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -44.874+/-920.736 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 423.476+/-896.736 χ^2/NDF : 17.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

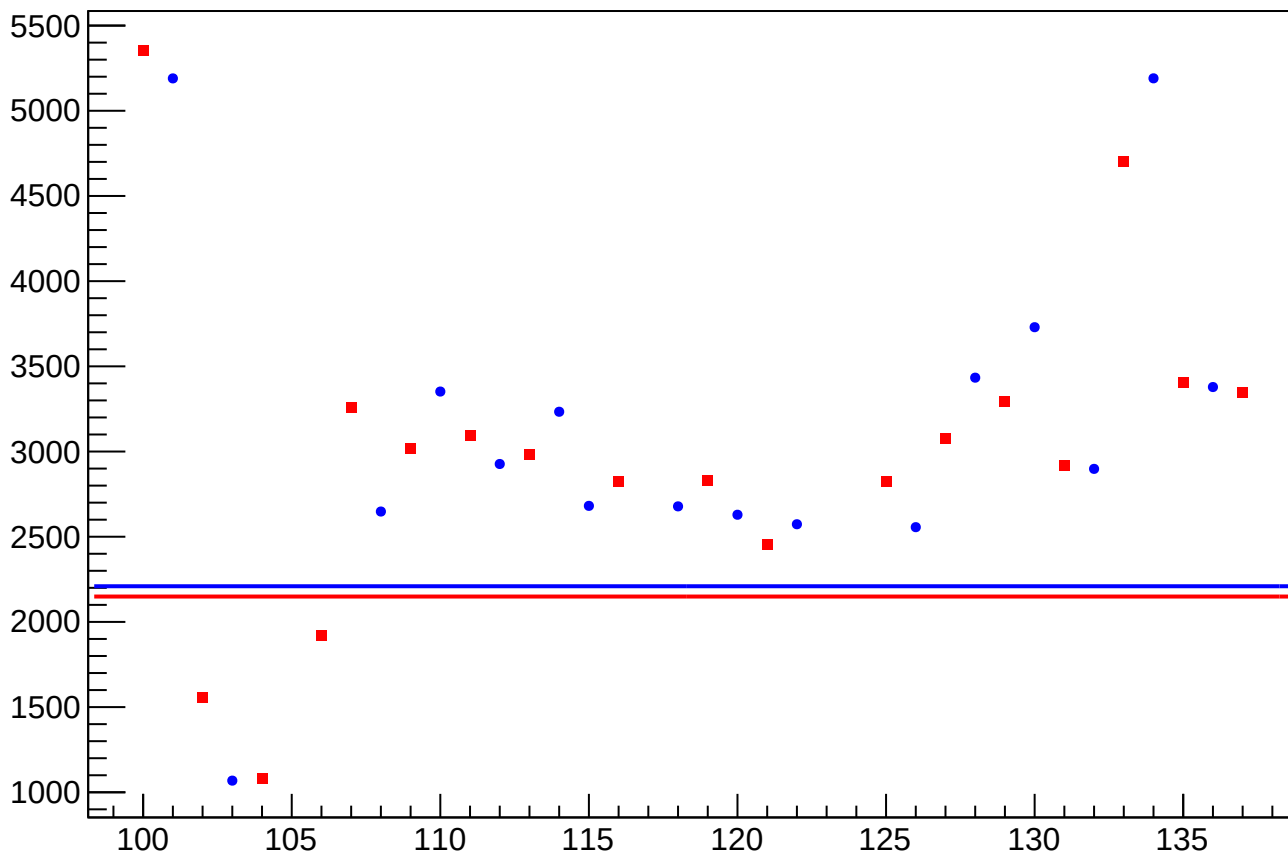
Right: 195.485+/-642.405 χ^2/NDF : 31.2/33

In: -44.874+/-920.736 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.485+/-642.405 χ^2/NDF : 31.2/33

asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 2209.349+/-0.651 χ^2/NDF : 2836875.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2148.948+/-0.633 χ^2/NDF : 2269660.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

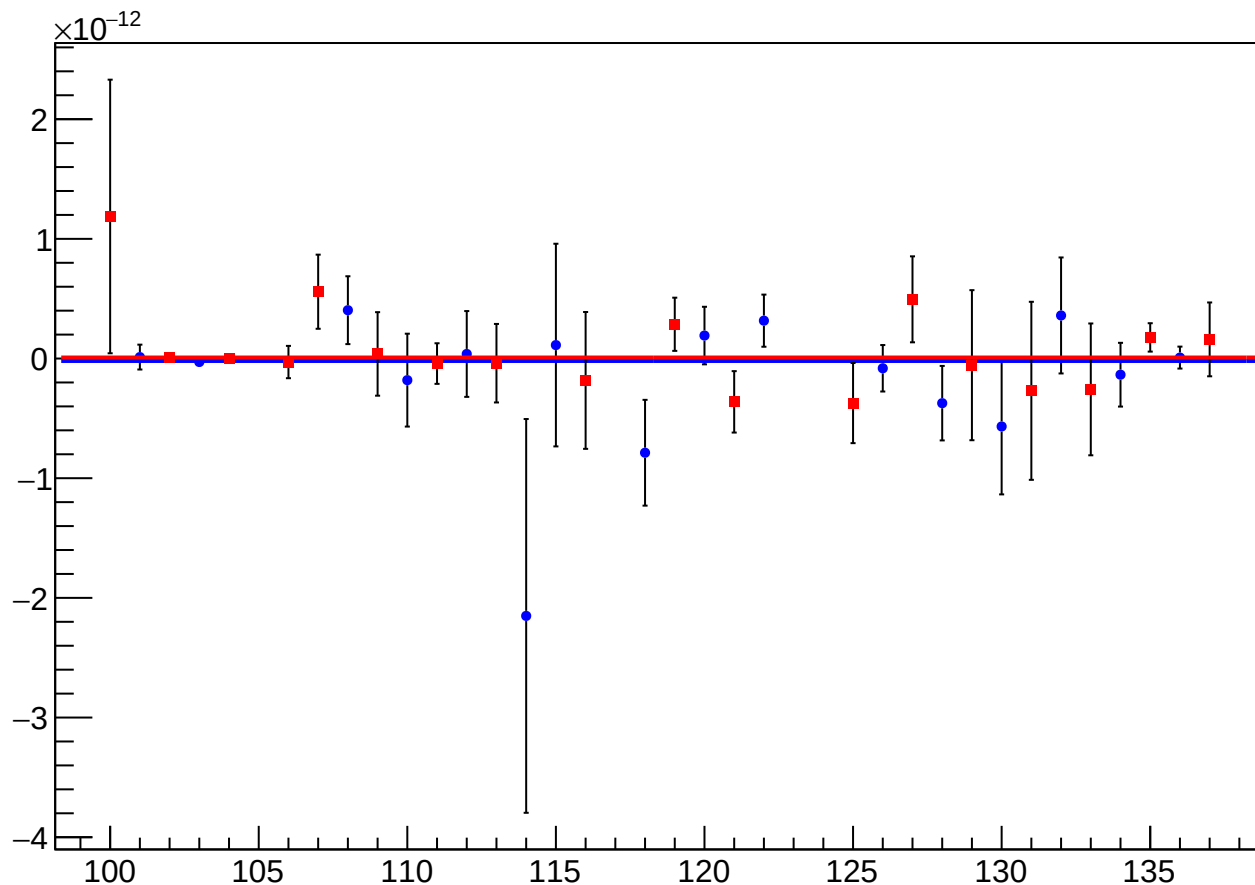
Right: 2178.279+/-0.454 χ^2/NDF : 5110964.0/33

In: 2209.349+/-0.651 χ^2/NDF :2836875.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2178.279+/-0.454 χ^2/NDF : 5110964.0/33

asym_us_avg_atlr_avg_dd_reg_vs_slug_sign_corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

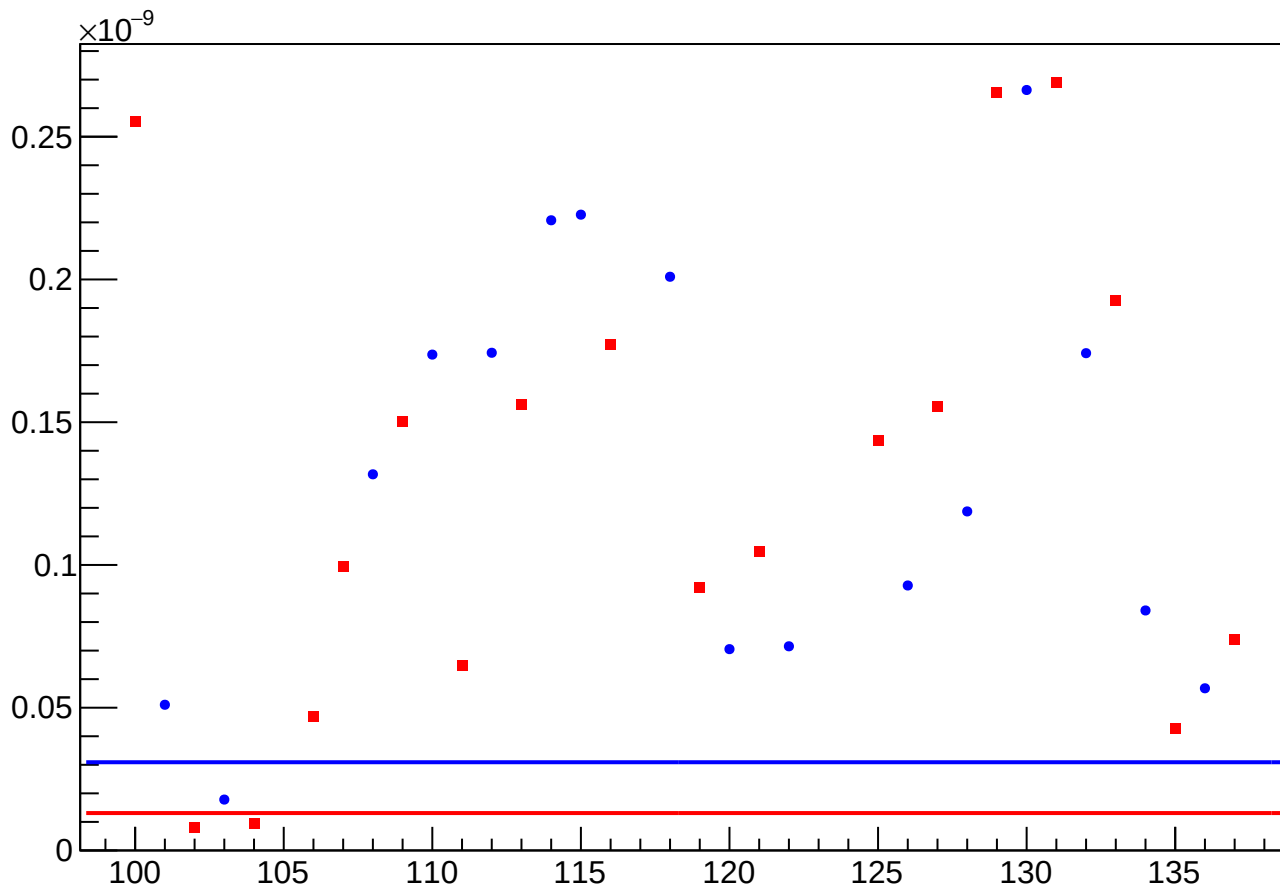
Right: 0.000+/-0.000 χ^2/NDF : 28.7/33

In: -0.000+/-0.000 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.7/33

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2998577.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3659260.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

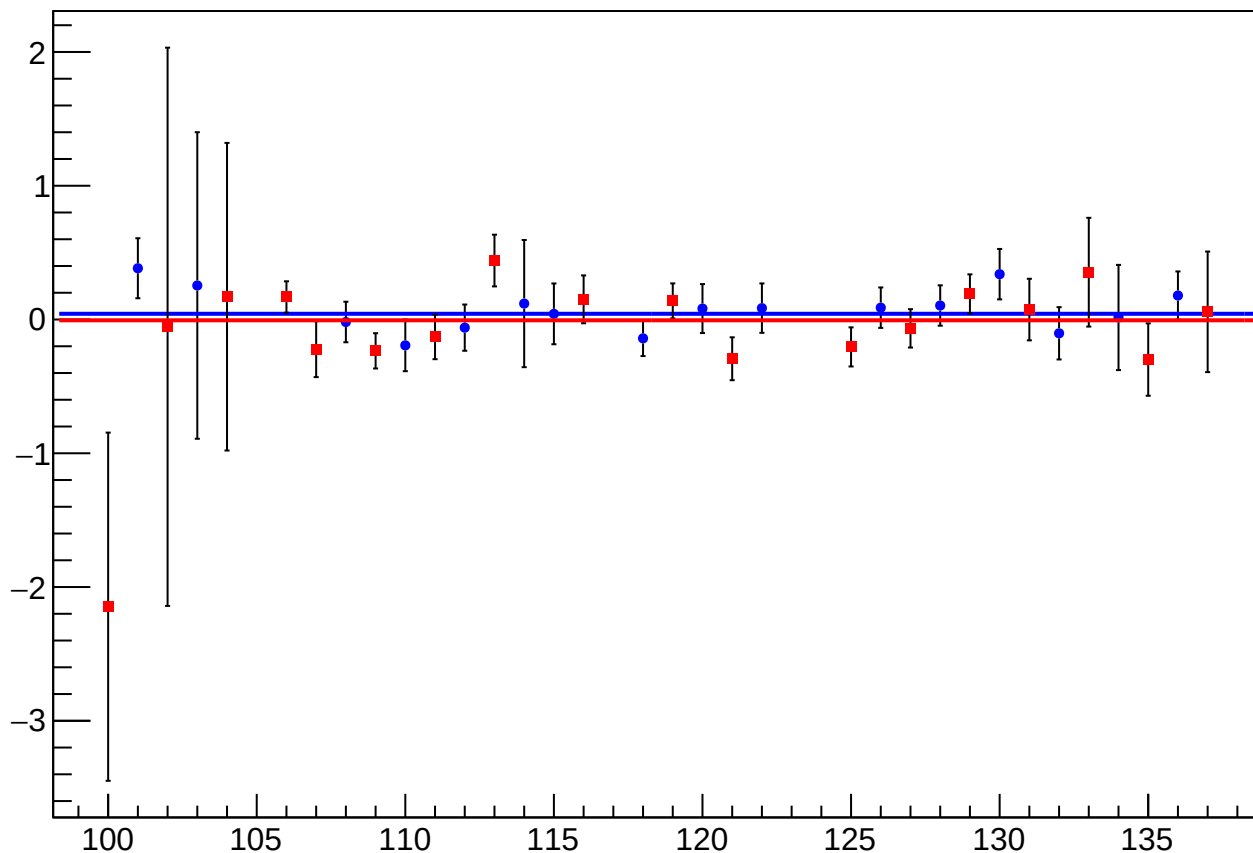
Right: 0.000+/-0.000 χ^2/NDF : 7385142.0/33

In: 0.000+/-0.000 χ^2/NDF :2998577.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7385142.0/33

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.047 χ^2/NDF : 10.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.043 χ^2/NDF : 26.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

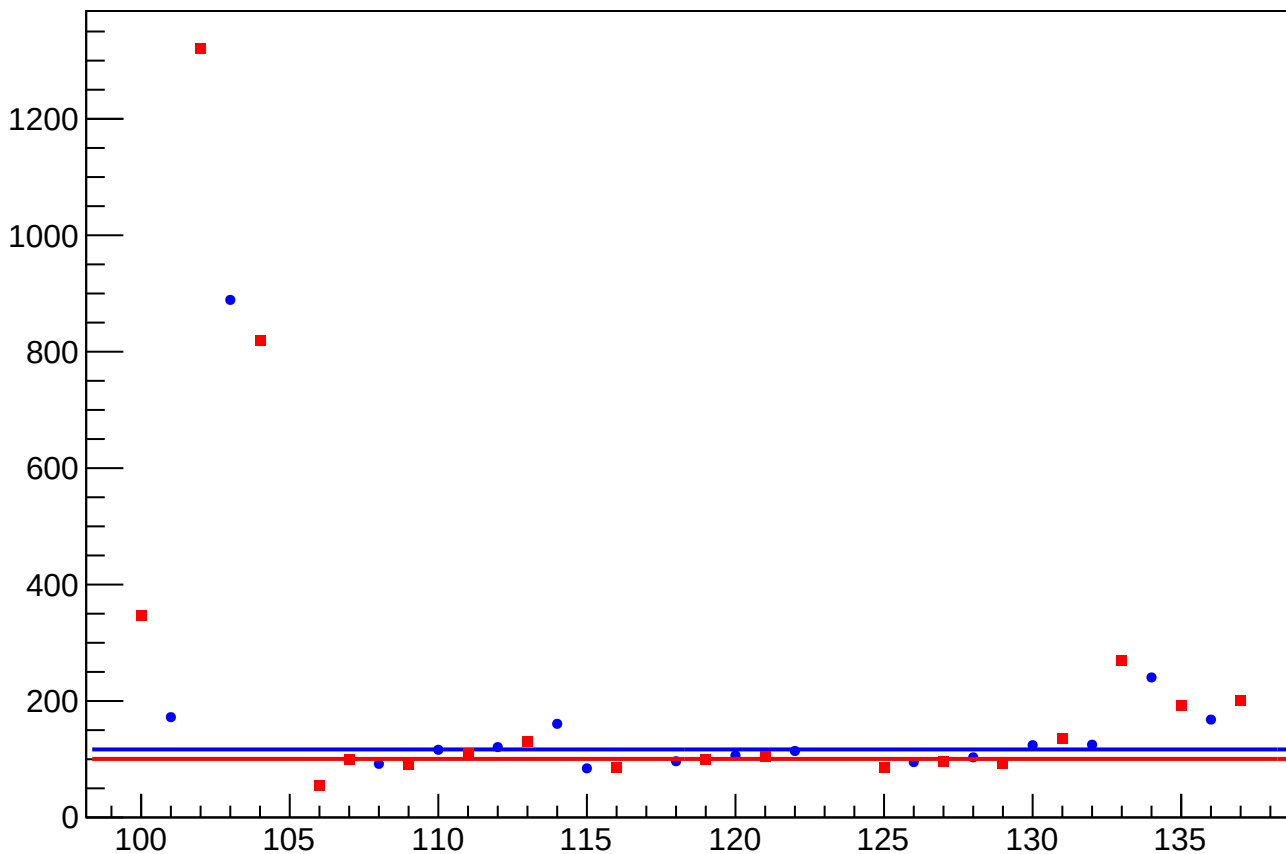
Right: 0.016+/-0.032 χ^2/NDF : 36.9/33

In: 0.043+/-0.047 χ^2/NDF :10.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.032 χ^2/NDF : 36.9/33

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841+/-0.034 χ^2/NDF : 1620809.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.544+/-0.031 χ^2/NDF : 2664151.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

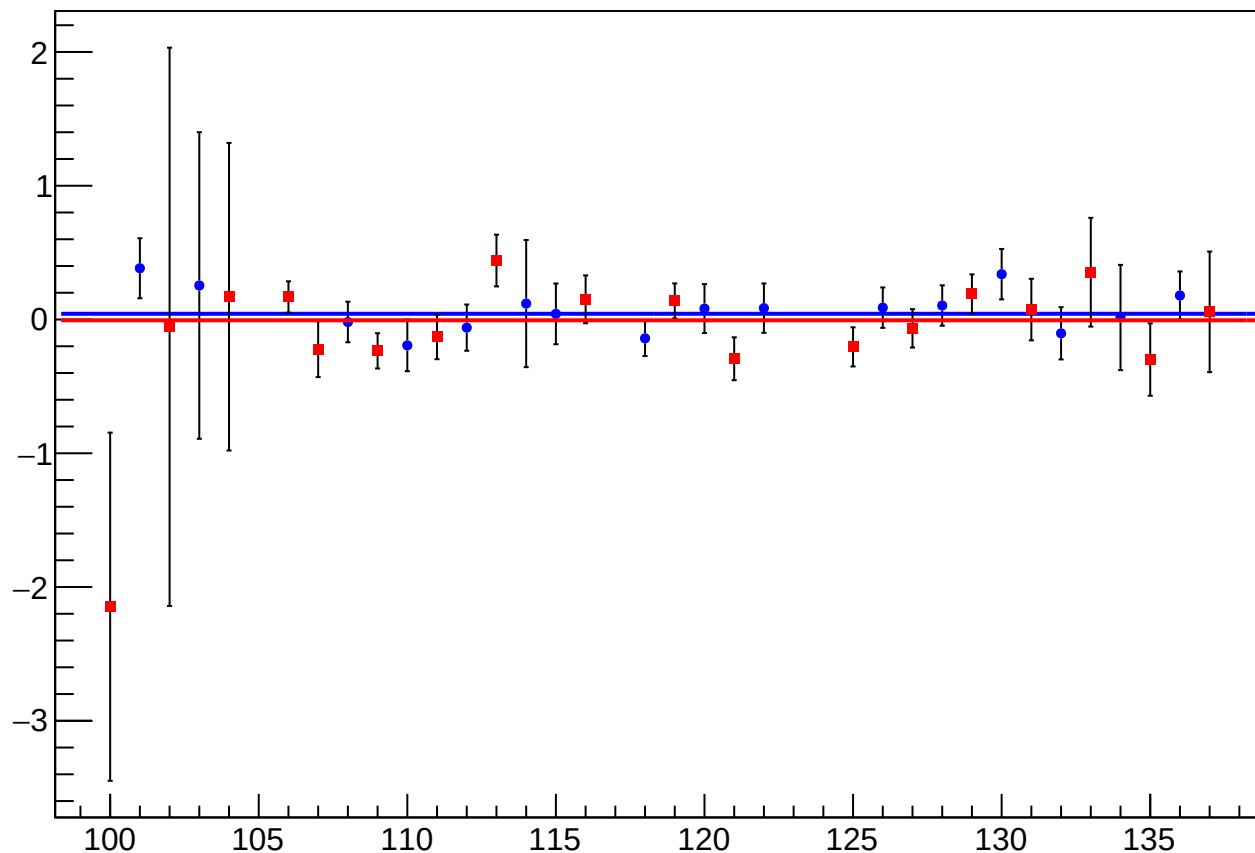
Right: 107.961+/-0.023 χ^2/NDF : 4413433.8/33

In: 116.841+/-0.034 χ^2/NDF : 1620809.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.961+/-0.023 χ^2/NDF : 4413433.8/33

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043 $\pm$ 0.047 χ^2 /NDF: 10.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.043 χ^2 /NDF: 26.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

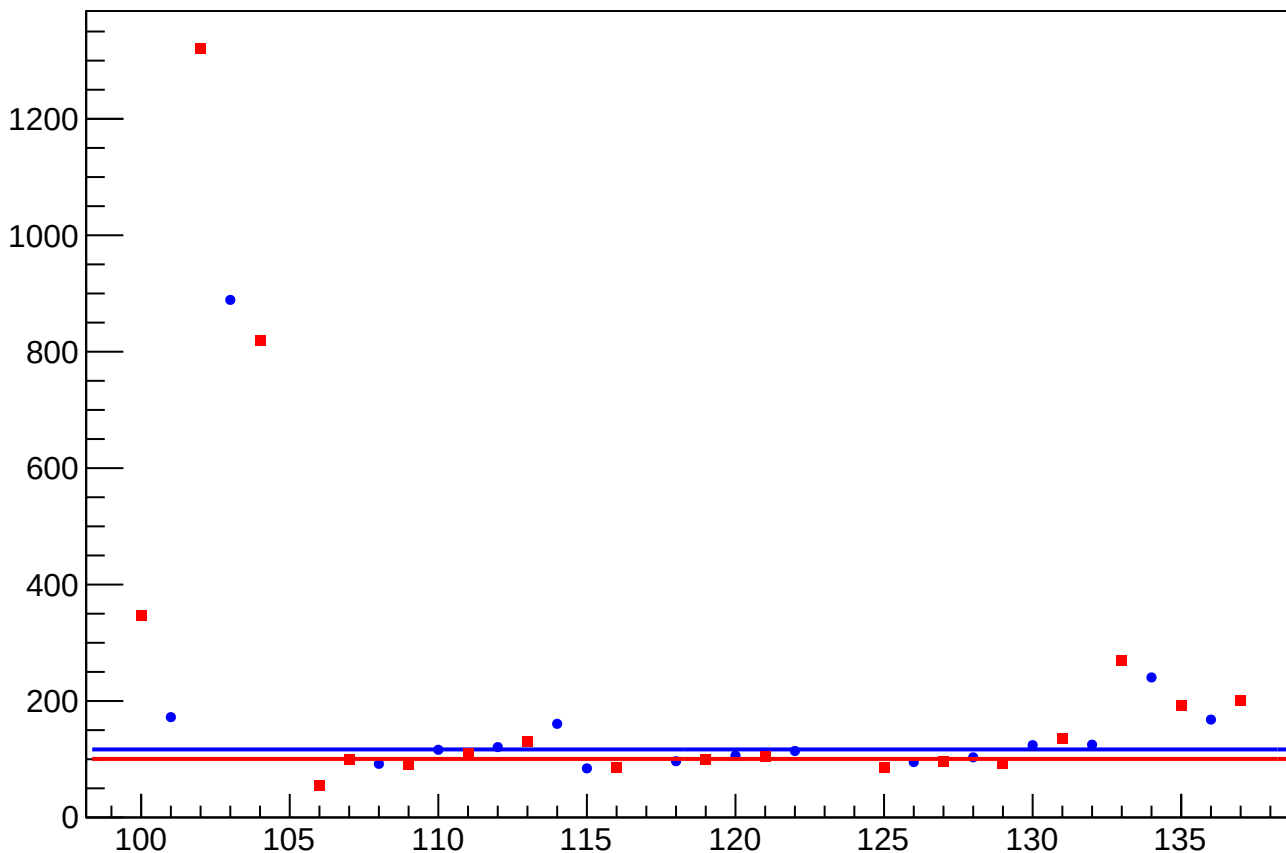
Right: 0.016 $\pm$ 0.032 χ^2 /NDF: 36.9/33

In: 0.043 $\pm$ 0.047 χ^2 /NDF:10.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.016 $\pm$ 0.032 χ^2 /NDF: 36.9/33

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841+/-0.034 χ^2/NDF : 1620809.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.544+/-0.031 χ^2/NDF : 2664151.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

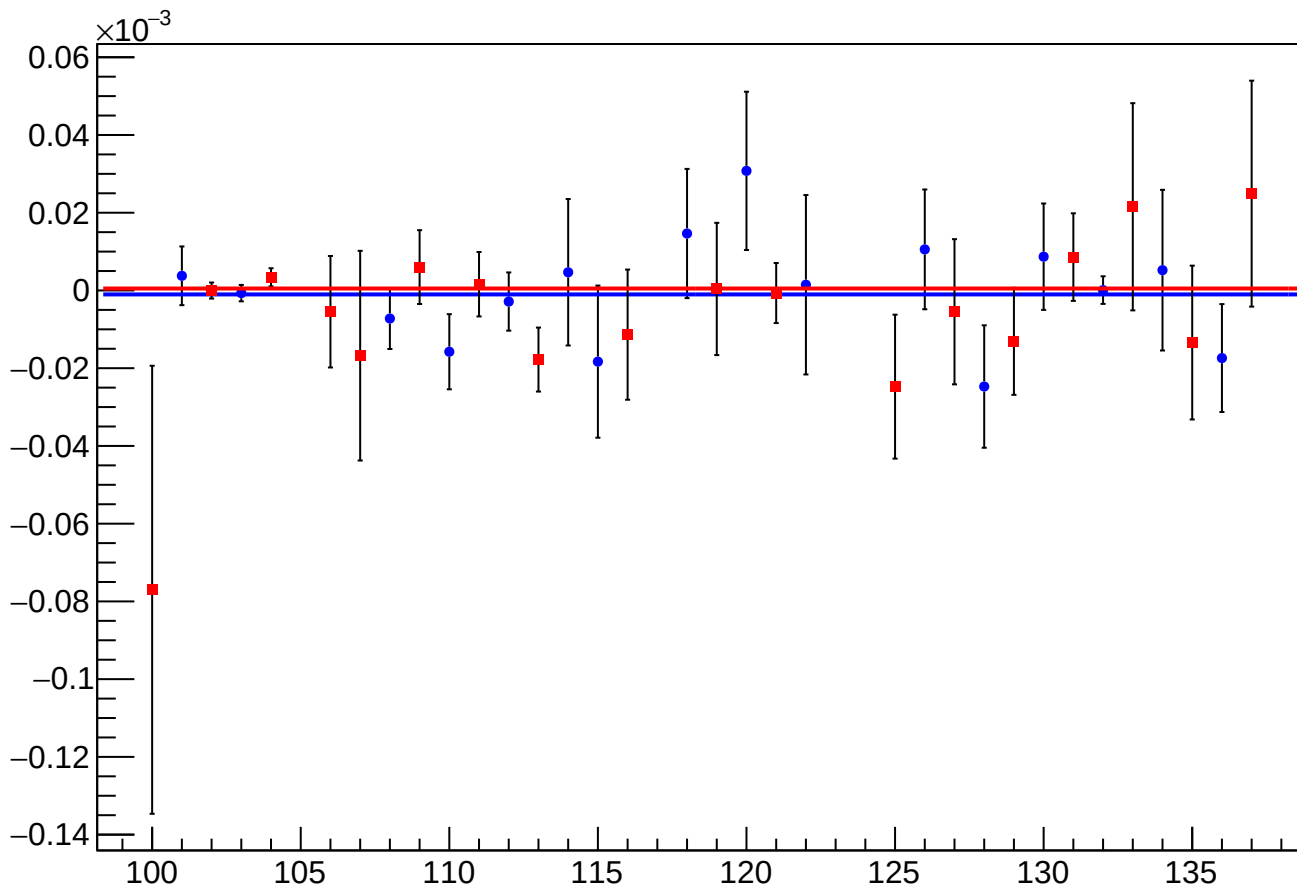
Right: 107.961+/-0.023 χ^2/NDF : 4413433.8/33

In: 116.841+/-0.034 χ^2/NDF : 1620809.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.961+/-0.023 χ^2/NDF : 4413433.8/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

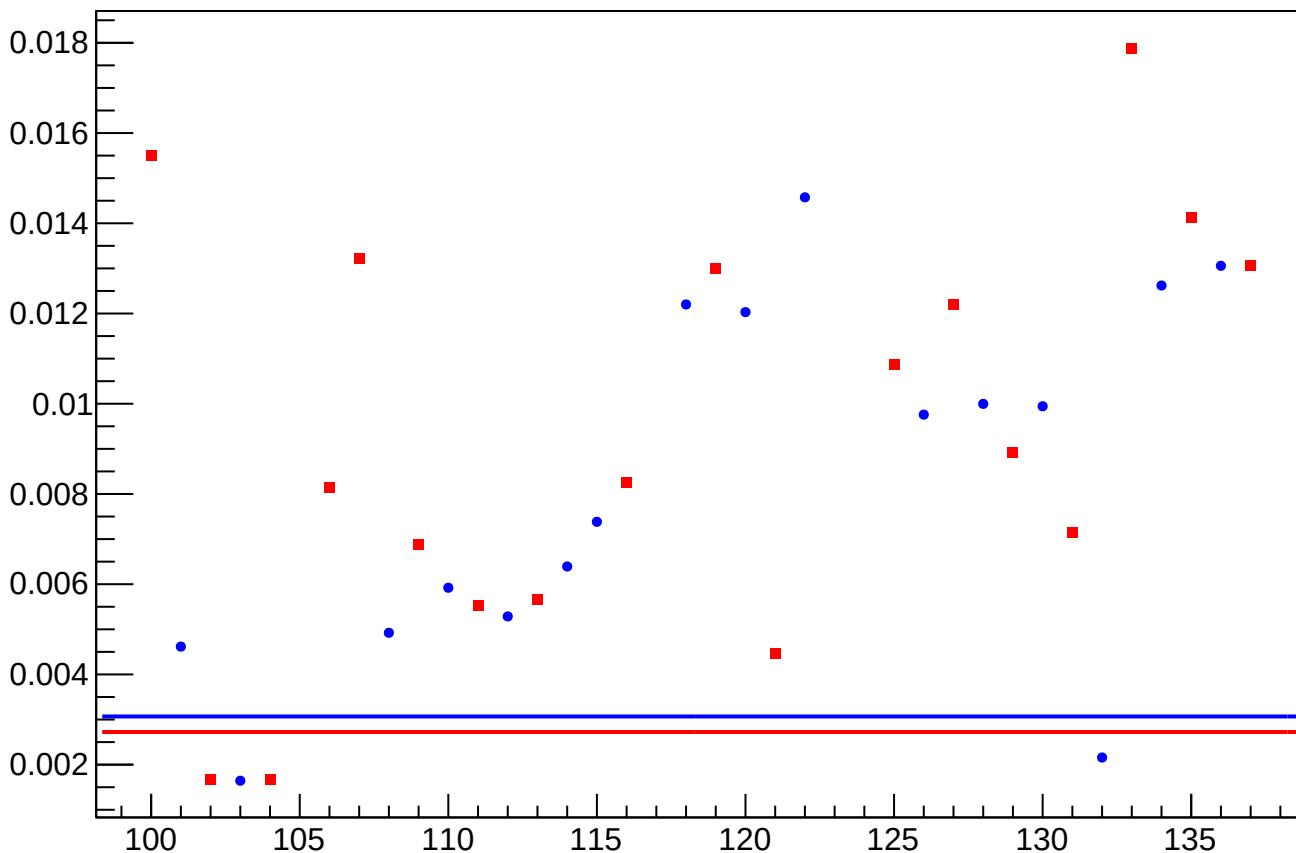
Right: -0.000+/-0.000 χ^2/NDF : 28.1/33

In: -0.000+/-0.000 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.1/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 5964299.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6713699.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

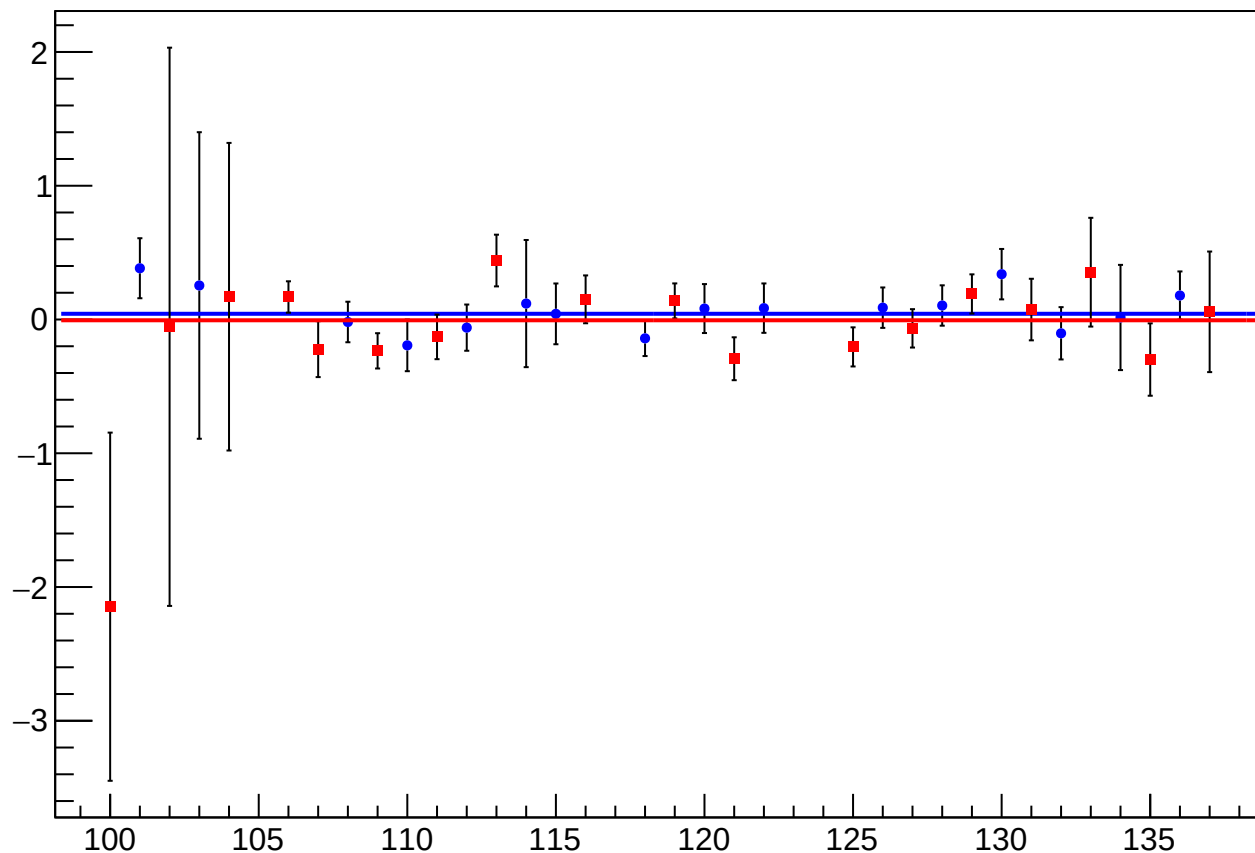
Right: 0.003+/-0.000 χ^2/NDF : 12731216.4/33

In: 0.003+/-0.000 χ^2/NDF :5964299.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 12731216.4/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_slug, Sign Corrected



Right In: 0.043+/-0.047 χ^2/NDF : 10.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.006+/-0.043 χ^2/NDF : 26.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

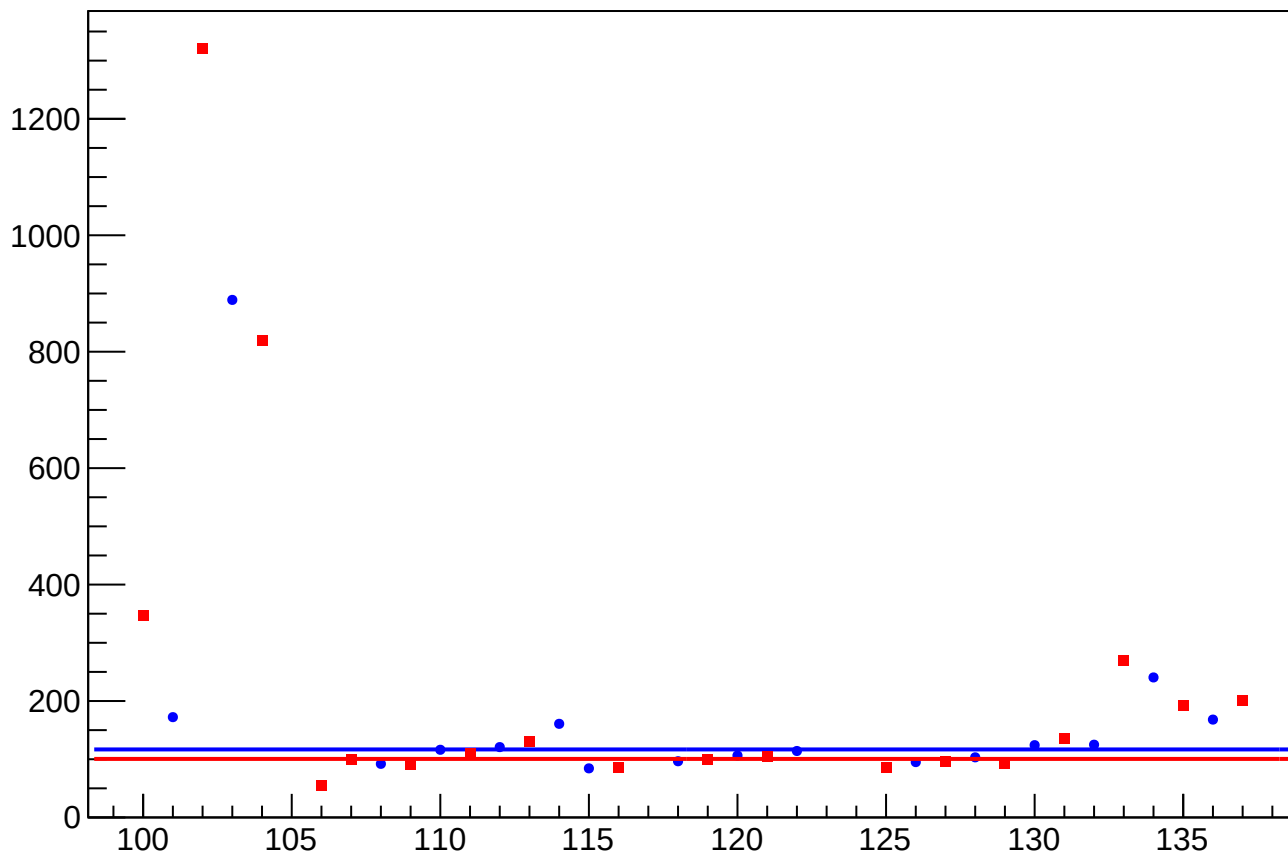
Right: 0.016+/-0.032 χ^2/NDF : 36.9/33

In: 0.043+/-0.047 χ^2/NDF :10.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.032 χ^2/NDF : 36.9/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841 $\pm$ 0.034 χ^2 /NDF: 1620812.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.543 $\pm$ 0.031 χ^2 /NDF: 2664231.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

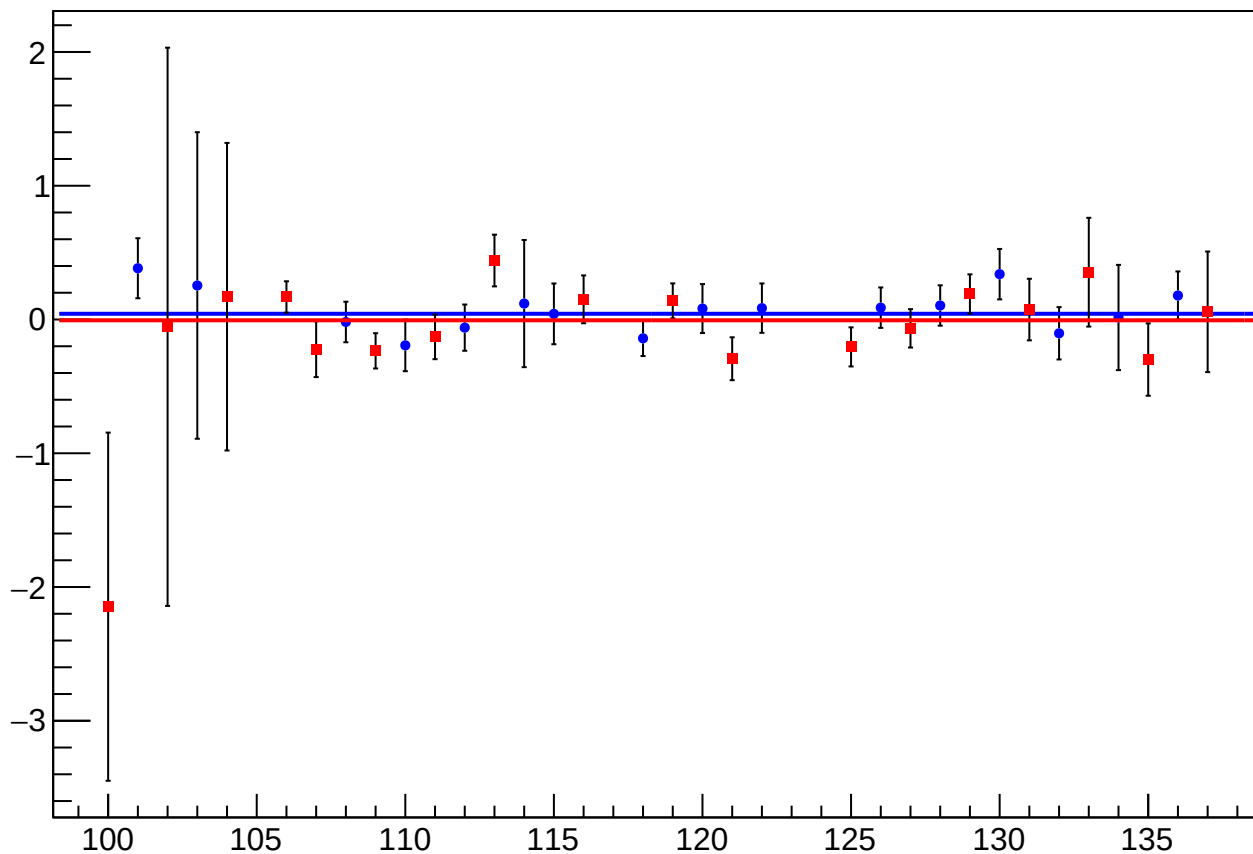
Right: 107.960 $\pm$ 0.023 χ^2 /NDF: 4413531.7/33

In: 116.841 $\pm$ 0.034 χ^2 /NDF:1620812.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.960 $\pm$ 0.023 χ^2 /NDF: 4413531.7/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.043+/-0.047 χ^2/NDF : 10.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.043 χ^2/NDF : 26.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

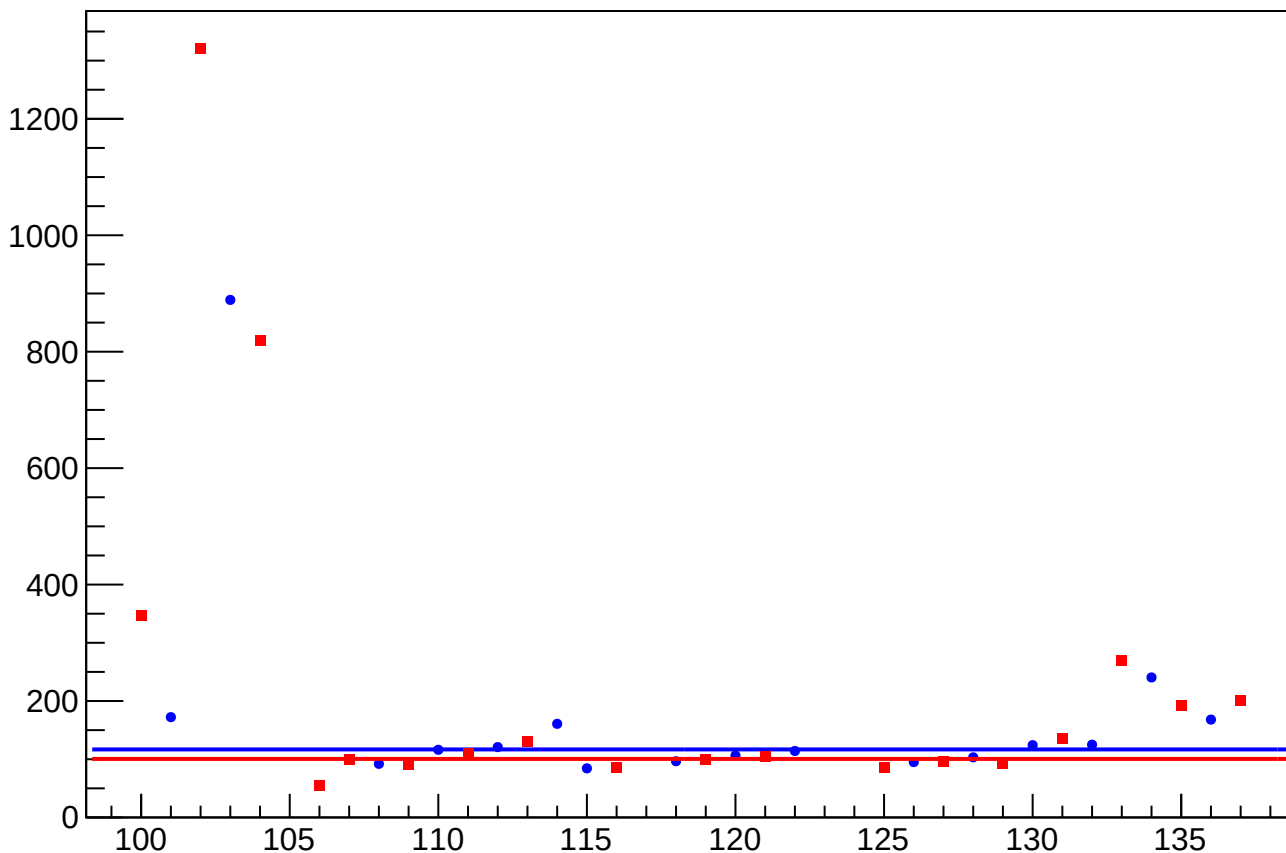
Right: 0.016+/-0.032 χ^2/NDF : 36.9/33

In: 0.043+/-0.047 χ^2/NDF : 10.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.032 χ^2/NDF : 36.9/33

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841 $\pm$ 0.034 χ^2 /NDF: 1620812.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 100.543 $\pm$ 0.031 χ^2 /NDF: 2664231.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

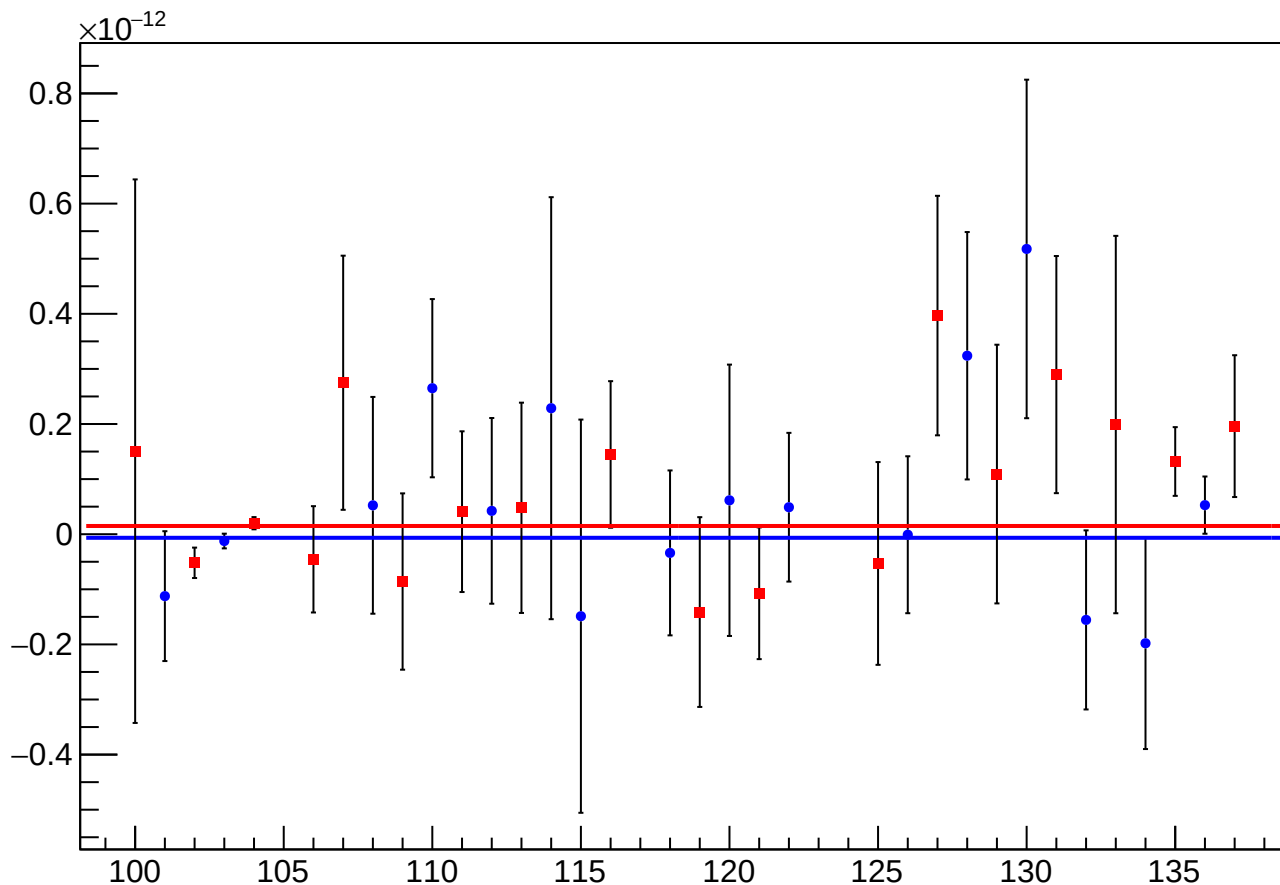
Right: 107.960 $\pm$ 0.023 χ^2 /NDF: 4413531.7/33

In: 116.841 $\pm$ 0.034 χ^2 /NDF:1620812.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.960 $\pm$ 0.023 χ^2 /NDF: 4413531.7/33

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

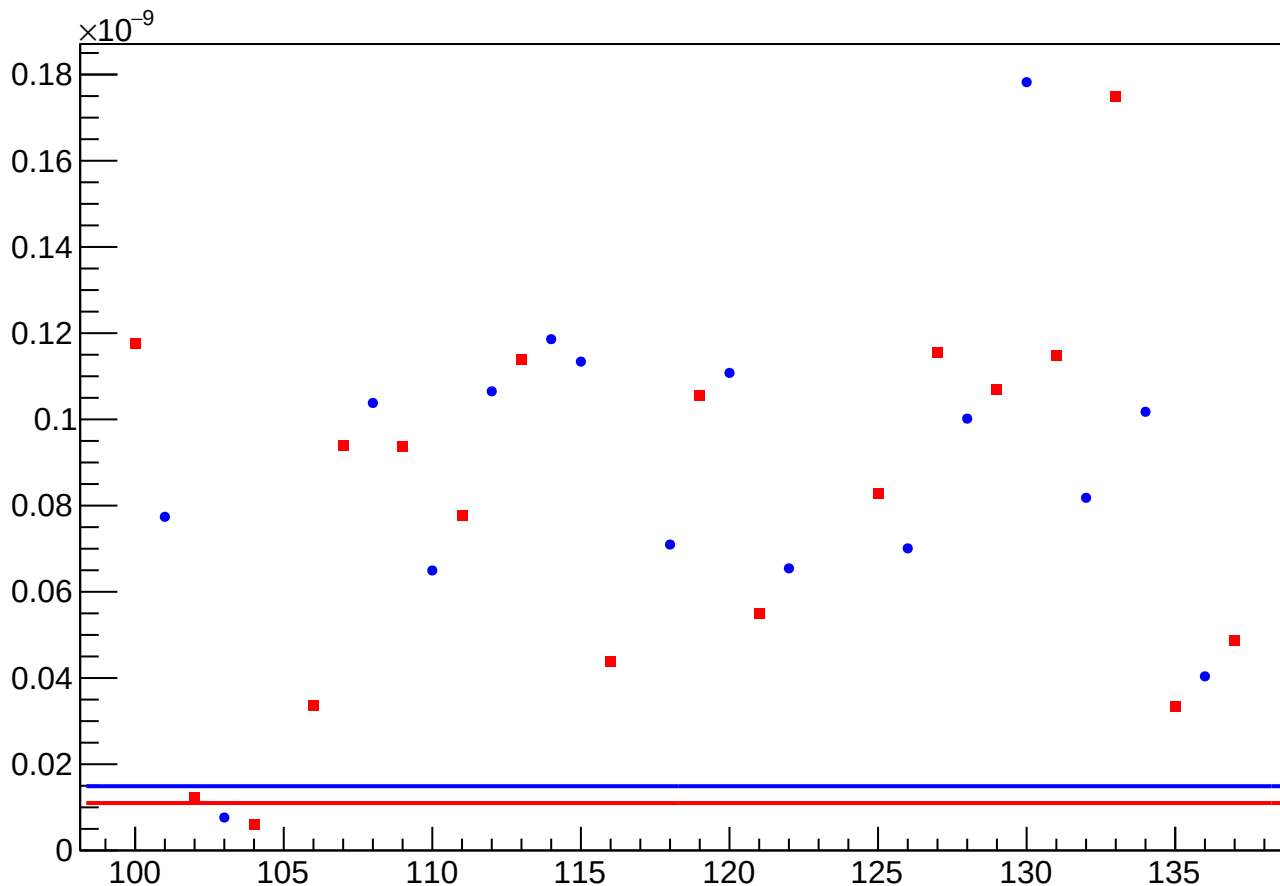
Right: 0.000+/-0.000 χ^2/NDF : 36.7/33

In: -0.000+/-0.000 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.7/33

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5893030.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5866969.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

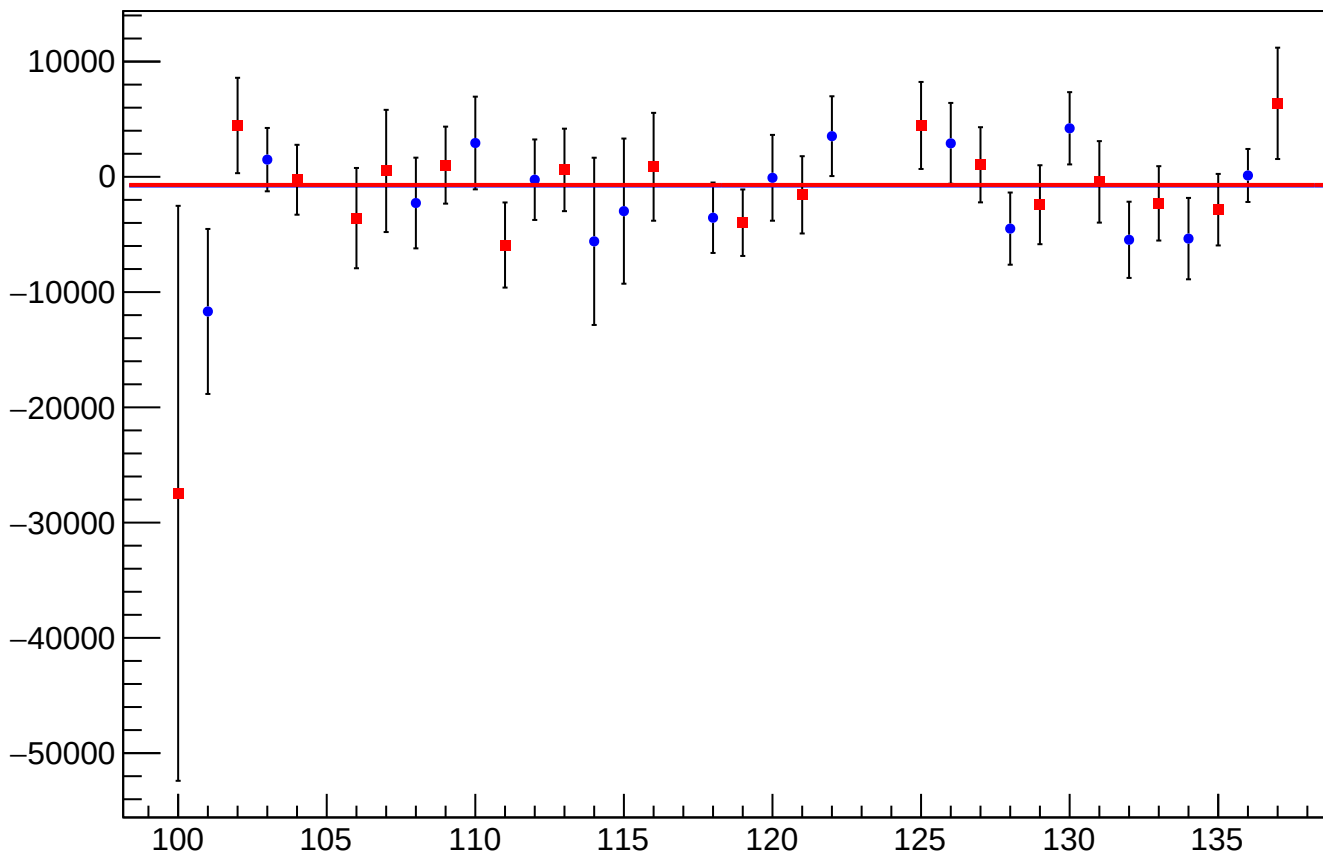
Right: 0.000+/-0.000 χ^2/NDF : 11880361.2/33

In: 0.000+/-0.000 χ^2/NDF : 5893030.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11880361.2/33

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -754.291+/-872.652 χ^2 /NDF: 15.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -702.198+/-868.647 χ^2 /NDF: 12.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

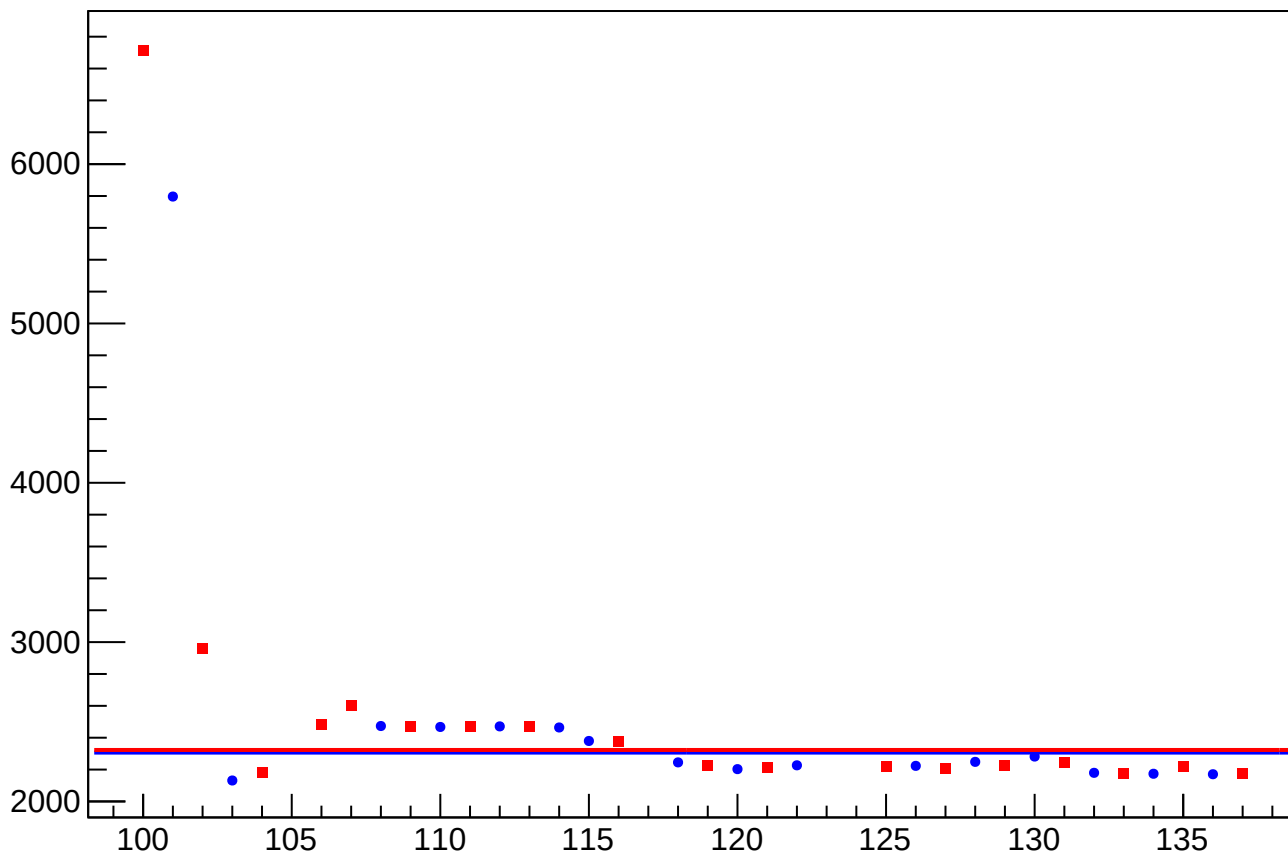
Right: -728.125+/-615.637 χ^2 /NDF: 28.2/33

In: -754.291+/-872.652 χ^2 /NDF:15.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -728.125+/-615.637 χ^2 /NDF: 28.2/33

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2306.643+/-0.617 χ^2/NDF : 514150.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2323.010+/-0.614 χ^2/NDF : 151787.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

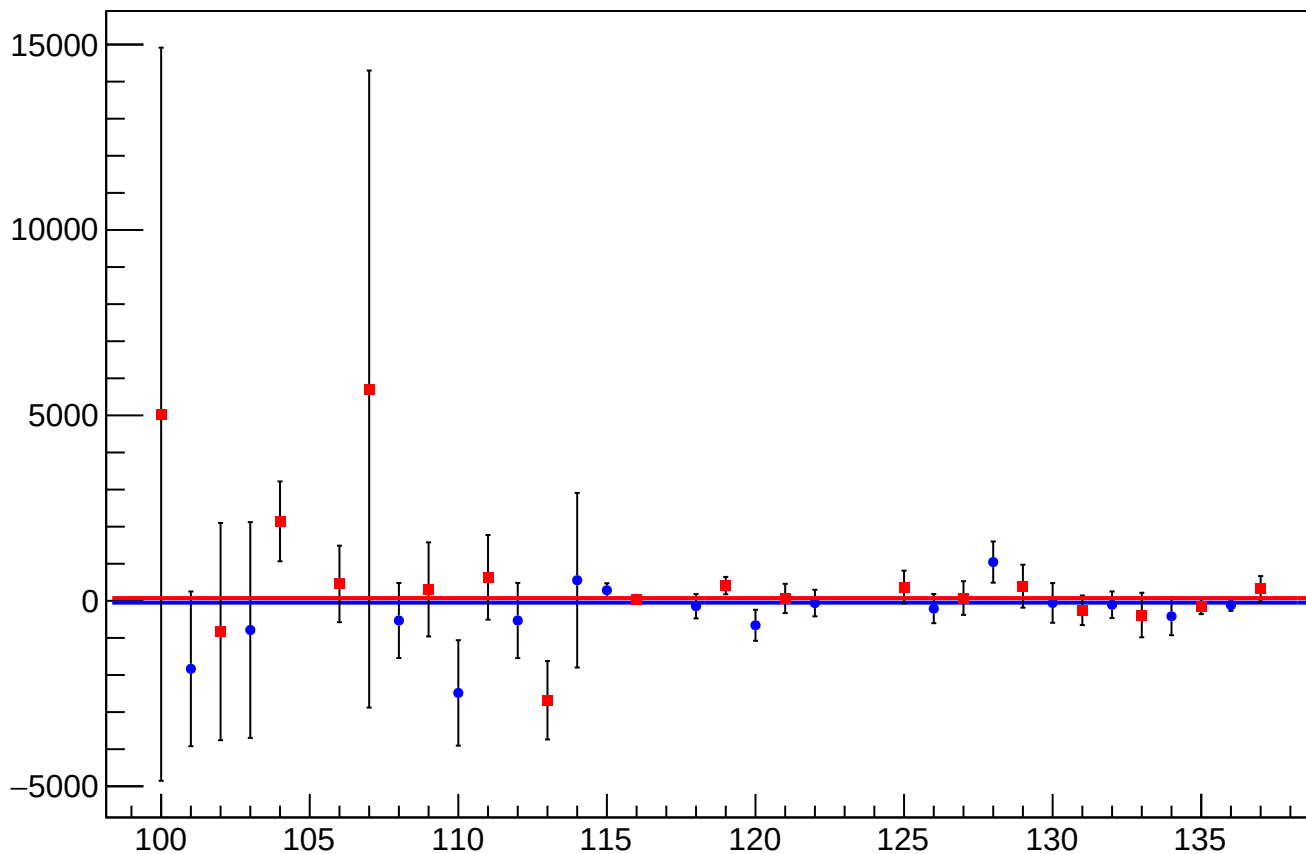
Right: 2314.864+/-0.435 χ^2/NDF : 666290.7/33

In: 2306.643+/-0.617 χ^2/NDF : 514150.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2314.864+/-0.435 χ^2/NDF : 666290.7/33

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -47.927+/-90.914 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.200+/-82.384 χ^2/NDF : 17.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

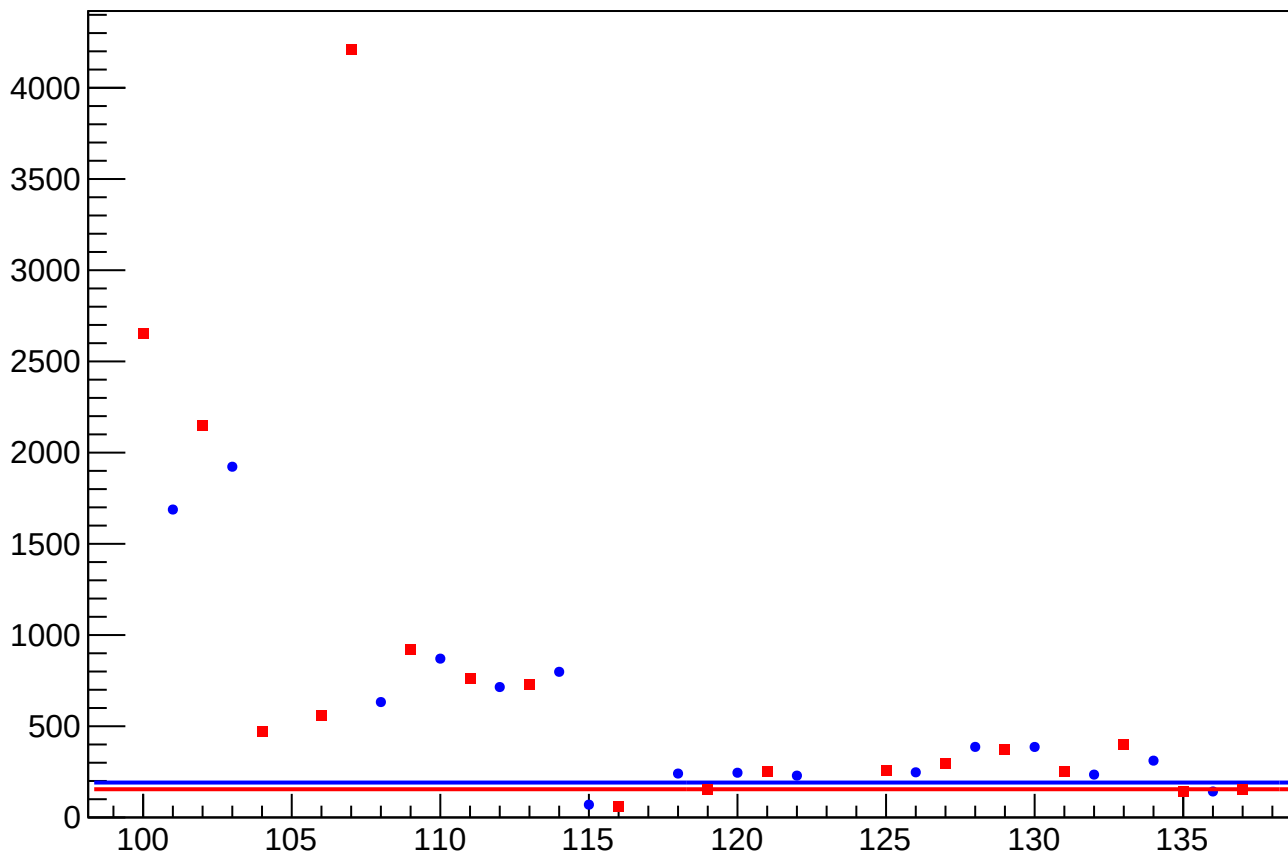
Right: 19.134+/-61.048 χ^2/NDF : 33.0/33

In: -47.927+/-90.914 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.134+/-61.048 χ^2/NDF : 33.0/33

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 191.381+/-0.064 χ^2/NDF : 5064747.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.677+/-0.058 χ^2/NDF : 6154285.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

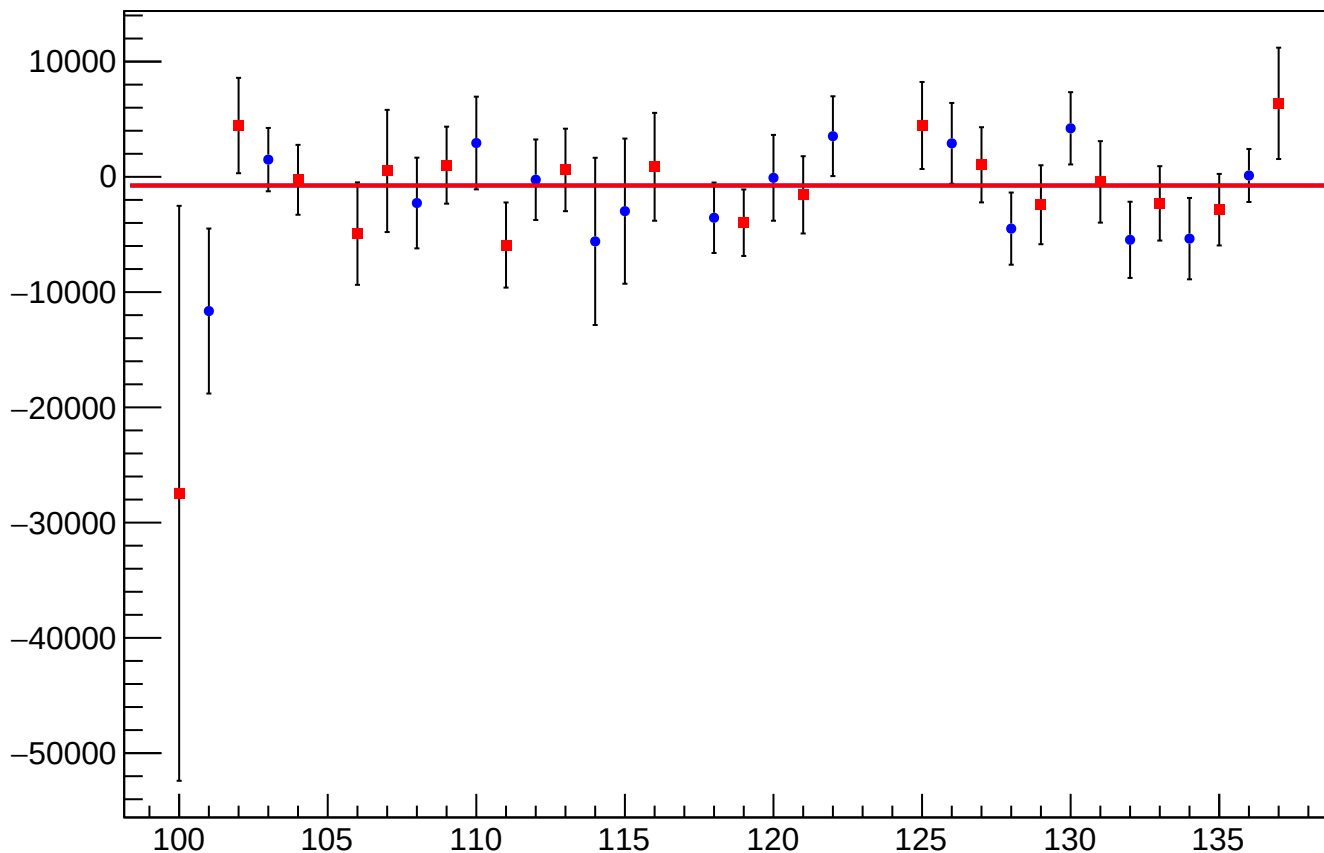
Right: 171.226+/-0.043 χ^2/NDF : 11398031.5/33

In: 191.381+/-0.064 χ^2/NDF :5064747.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.226+/-0.043 χ^2/NDF : 11398031.5/33

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -753.322+/-872.653 χ^2 /NDF: 15.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -749.316+/-869.366 χ^2 /NDF: 12.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

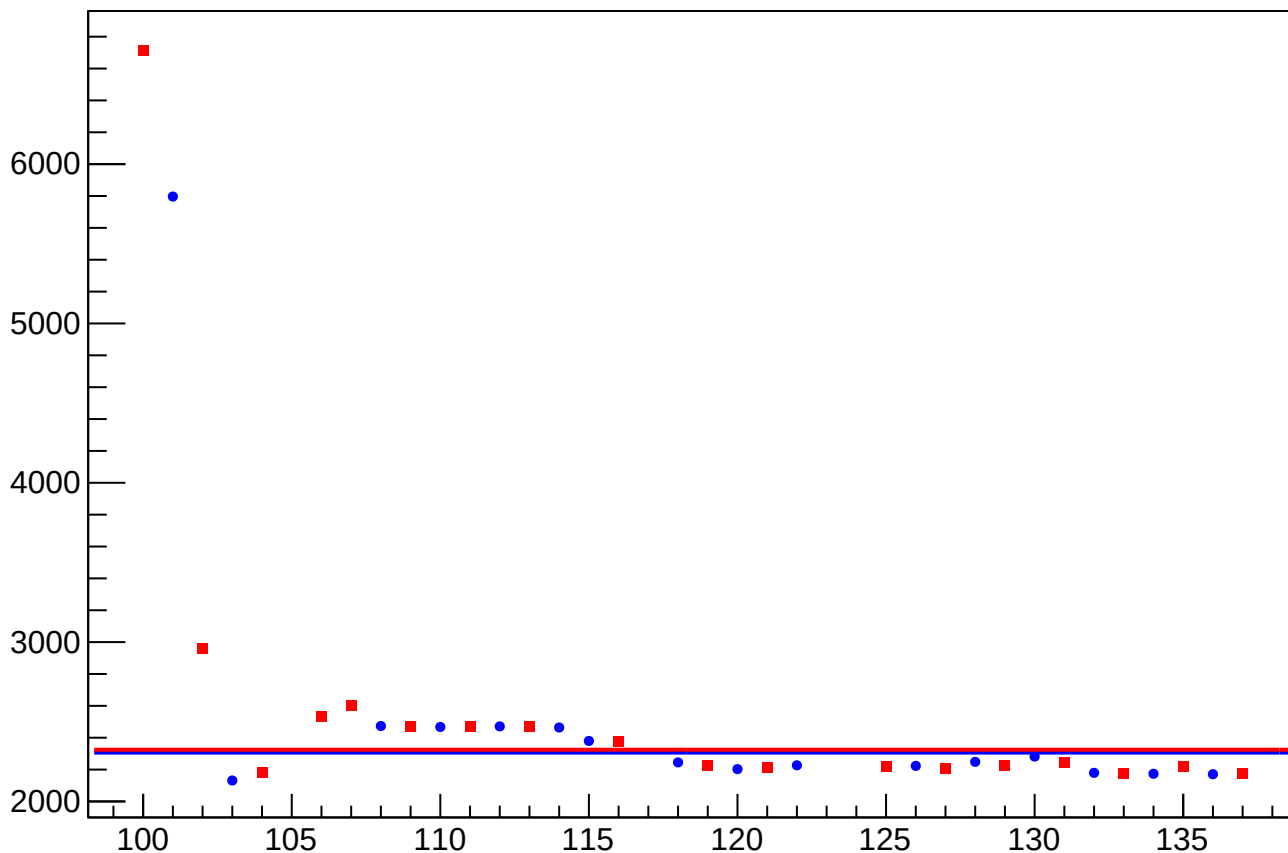
Right: -751.312+/-615.893 χ^2 /NDF: 28.7/33

In: -753.322+/-872.653 χ^2 /NDF:15.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -751.312+/-615.893 χ^2 /NDF: 28.7/33

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2306.643+/-0.617 χ^2/NDF : 514150.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.685+/-0.615 χ^2/NDF : 153578.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

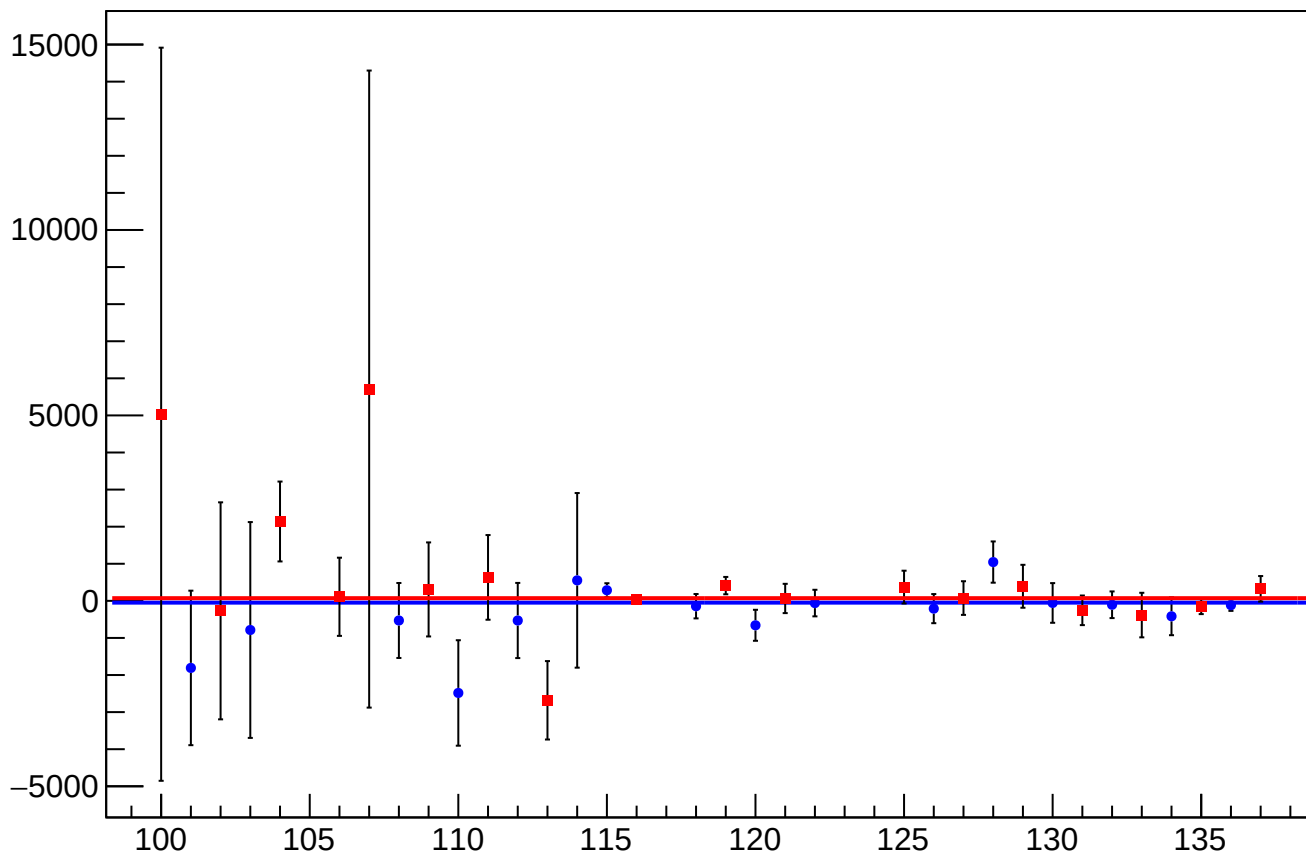
Right: 2315.698+/-0.436 χ^2/NDF : 668158.1/33

In: 2306.643+/-0.617 χ^2/NDF : 514150.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2315.698+/-0.436 χ^2/NDF : 668158.1/33

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.960+/-90.920 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 72.198+/-82.322 χ^2/NDF : 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

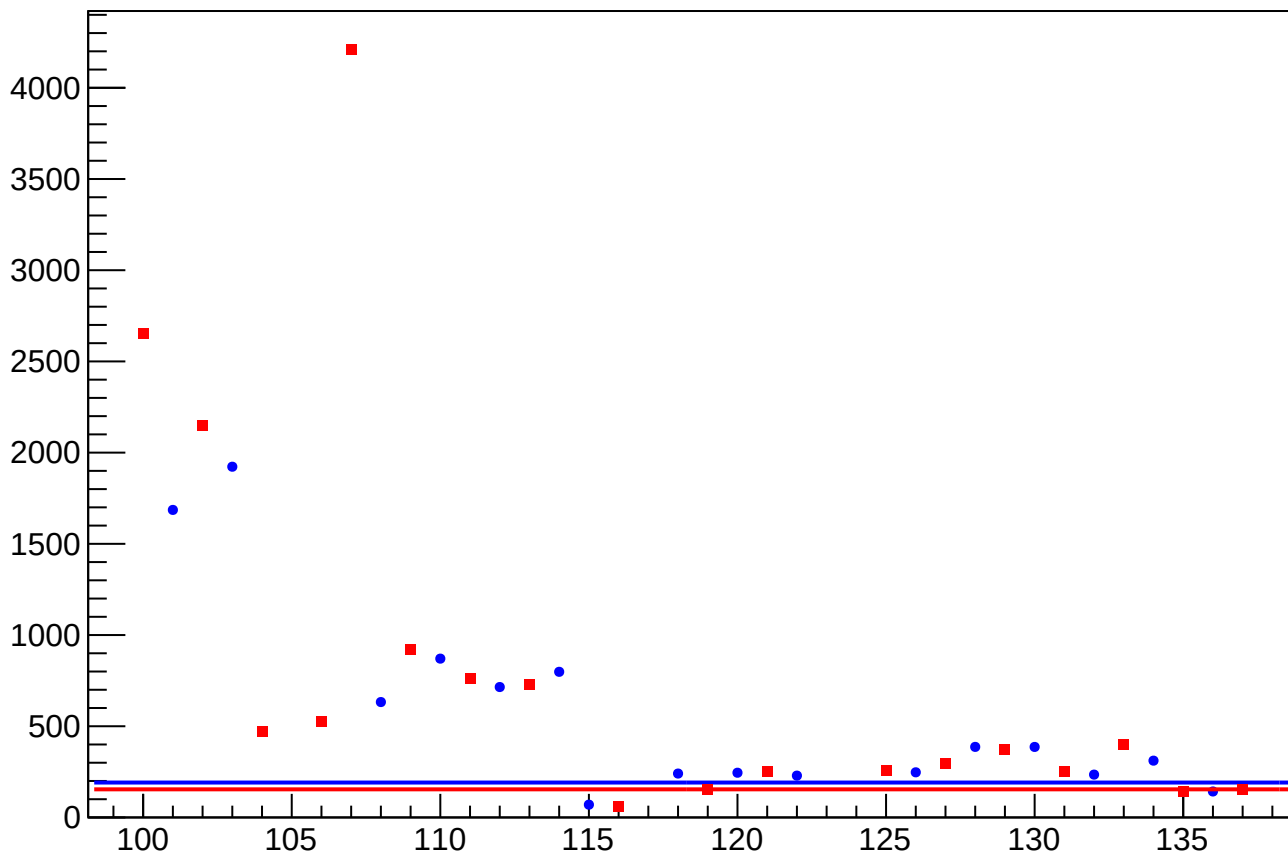
Right: 18.067+/-61.024 χ^2/NDF : 32.7/33

In: -47.960+/-90.920 χ^2/NDF :14.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.067+/-61.024 χ^2/NDF : 32.7/33

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 191.405+/-0.064 χ^2/NDF : 5063603.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 154.121+/-0.058 χ^2/NDF : 6108665.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

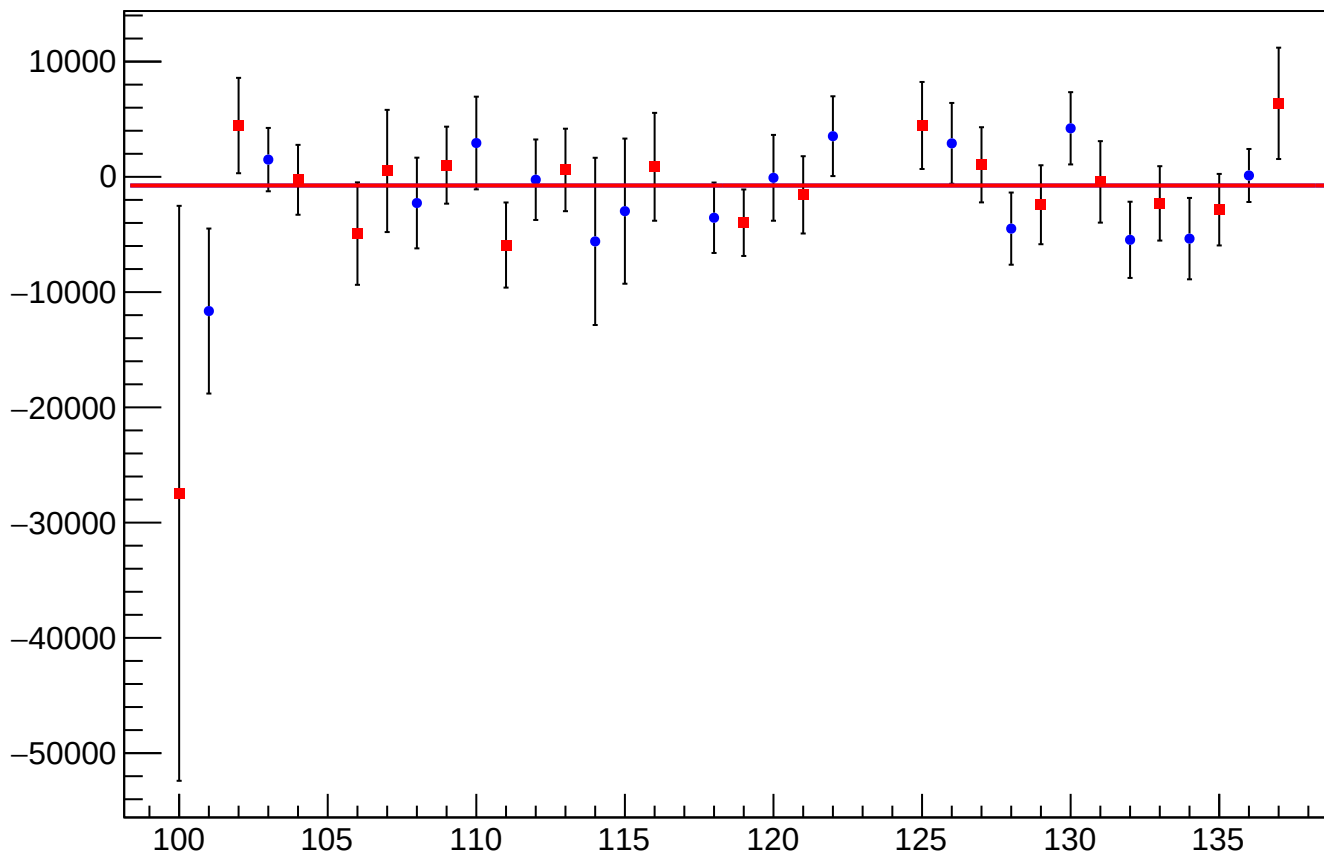
Right: 170.917+/-0.043 χ^2/NDF : 11357079.8/33

In: 191.405+/-0.064 χ^2/NDF :5063603.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 170.917+/-0.043 χ^2/NDF : 11357079.8/33

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -753.322+/-872.653 χ^2 /NDF: 15.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -749.316+/-869.366 χ^2 /NDF: 12.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

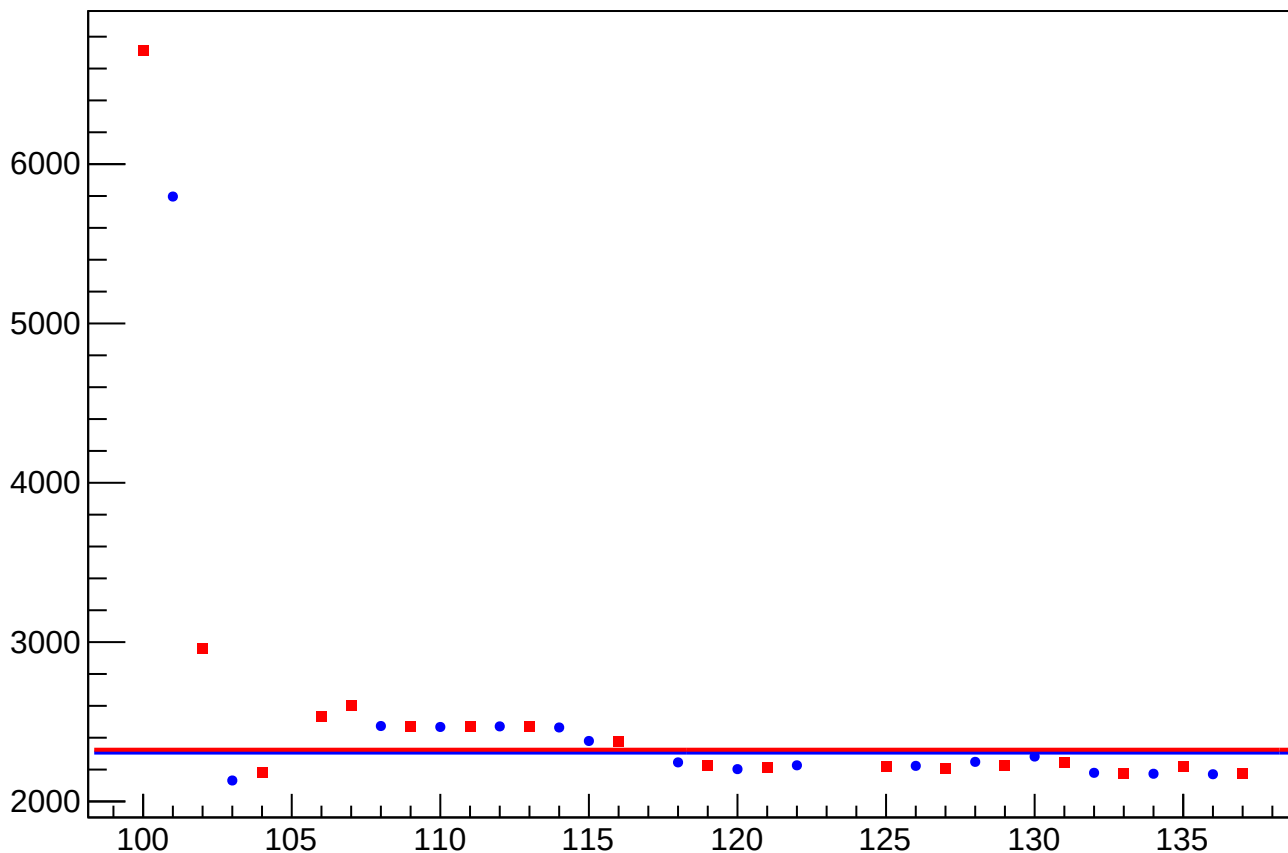
Right: -751.312+/-615.893 χ^2 /NDF: 28.7/33

In: -753.322+/-872.653 χ^2 /NDF:15.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -751.312+/-615.893 χ^2 /NDF: 28.7/33

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2306.643+/-0.617 χ^2/NDF : 514150.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2324.685+/-0.615 χ^2/NDF : 153578.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

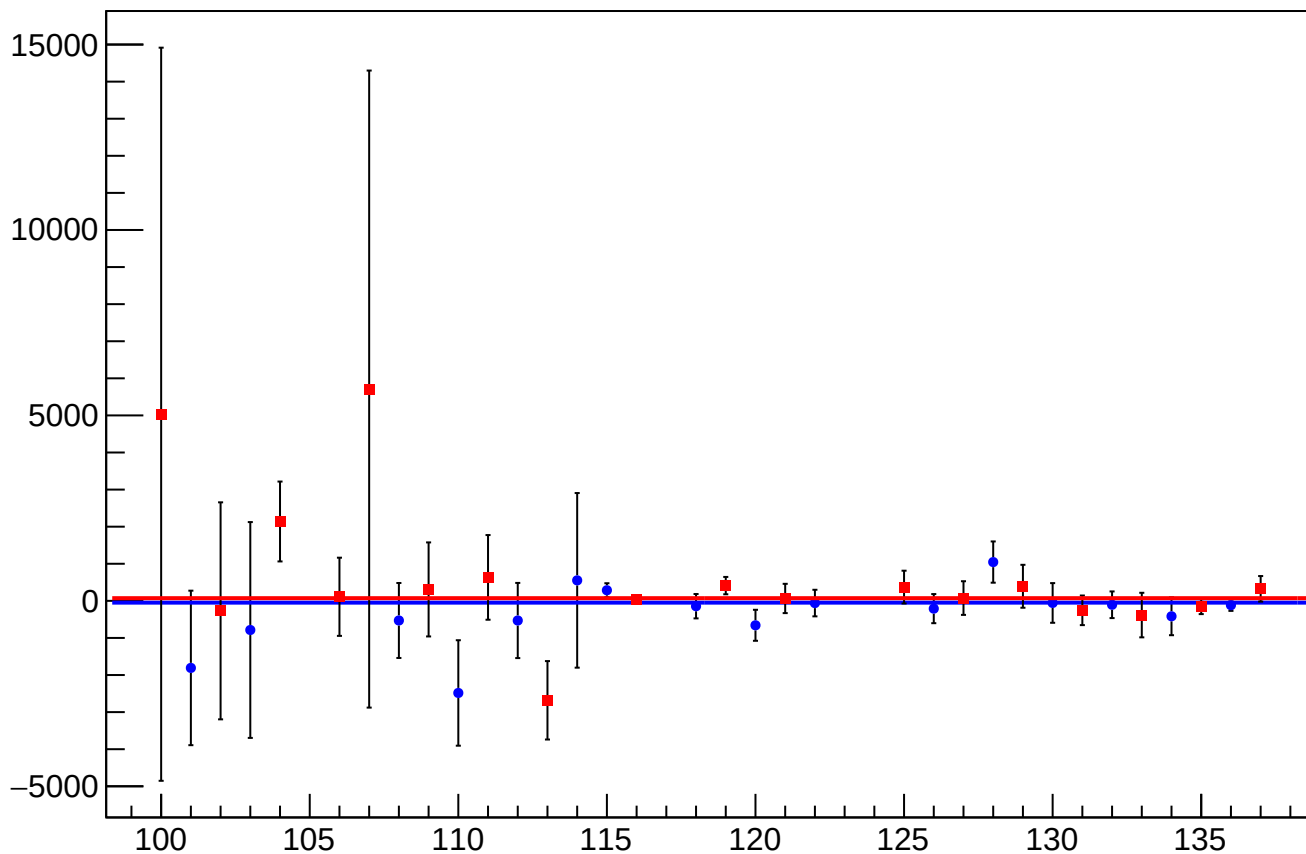
Right: 2315.698+/-0.436 χ^2/NDF : 668158.1/33

In: 2306.643+/-0.617 χ^2/NDF : 514150.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2315.698+/-0.436 χ^2/NDF : 668158.1/33

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -47.960+/-90.920 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.198+/-82.322 χ^2/NDF : 17.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

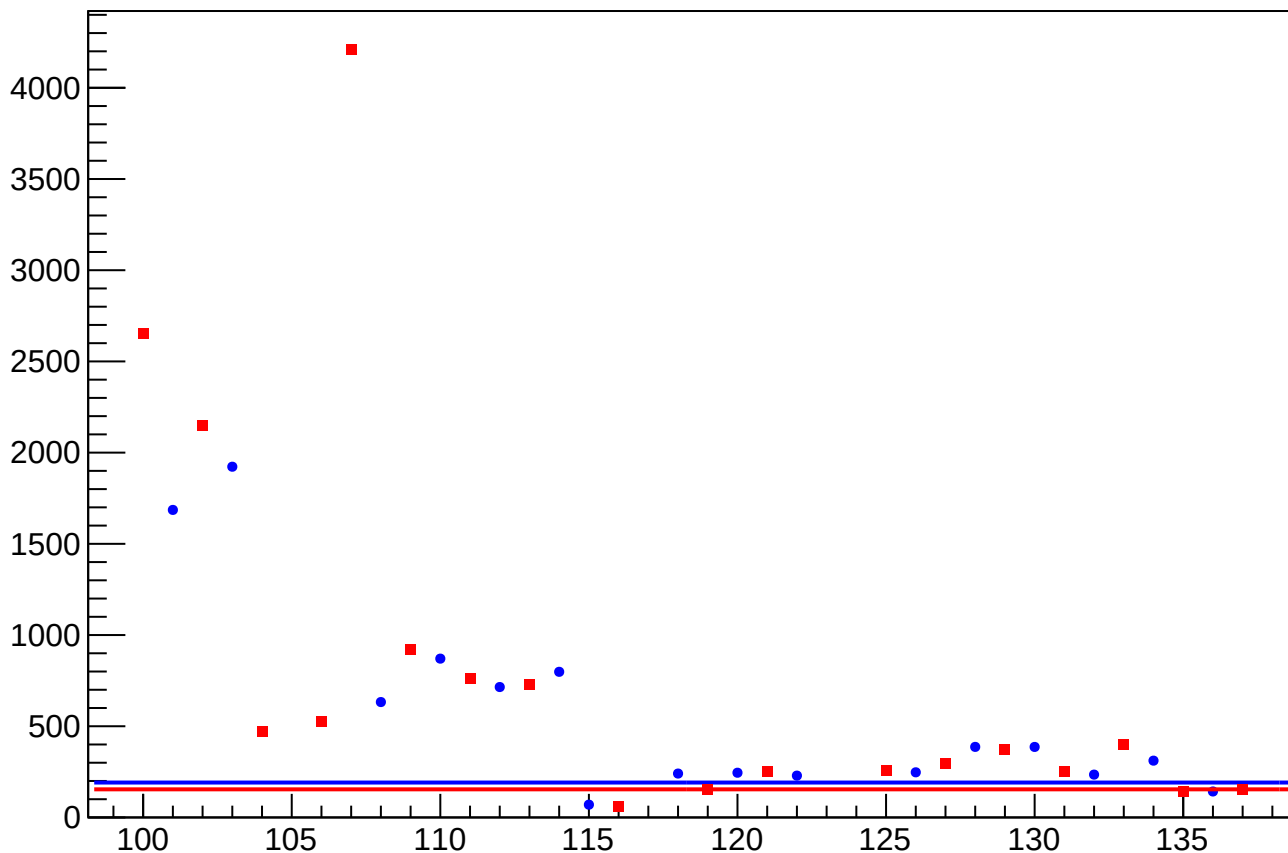
Right: 18.067+/-61.024 χ^2/NDF : 32.7/33

In: -47.960+/-90.920 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.067+/-61.024 χ^2/NDF : 32.7/33

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 191.405+/-0.064 χ^2/NDF : 5063603.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.121+/-0.058 χ^2/NDF : 6108665.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

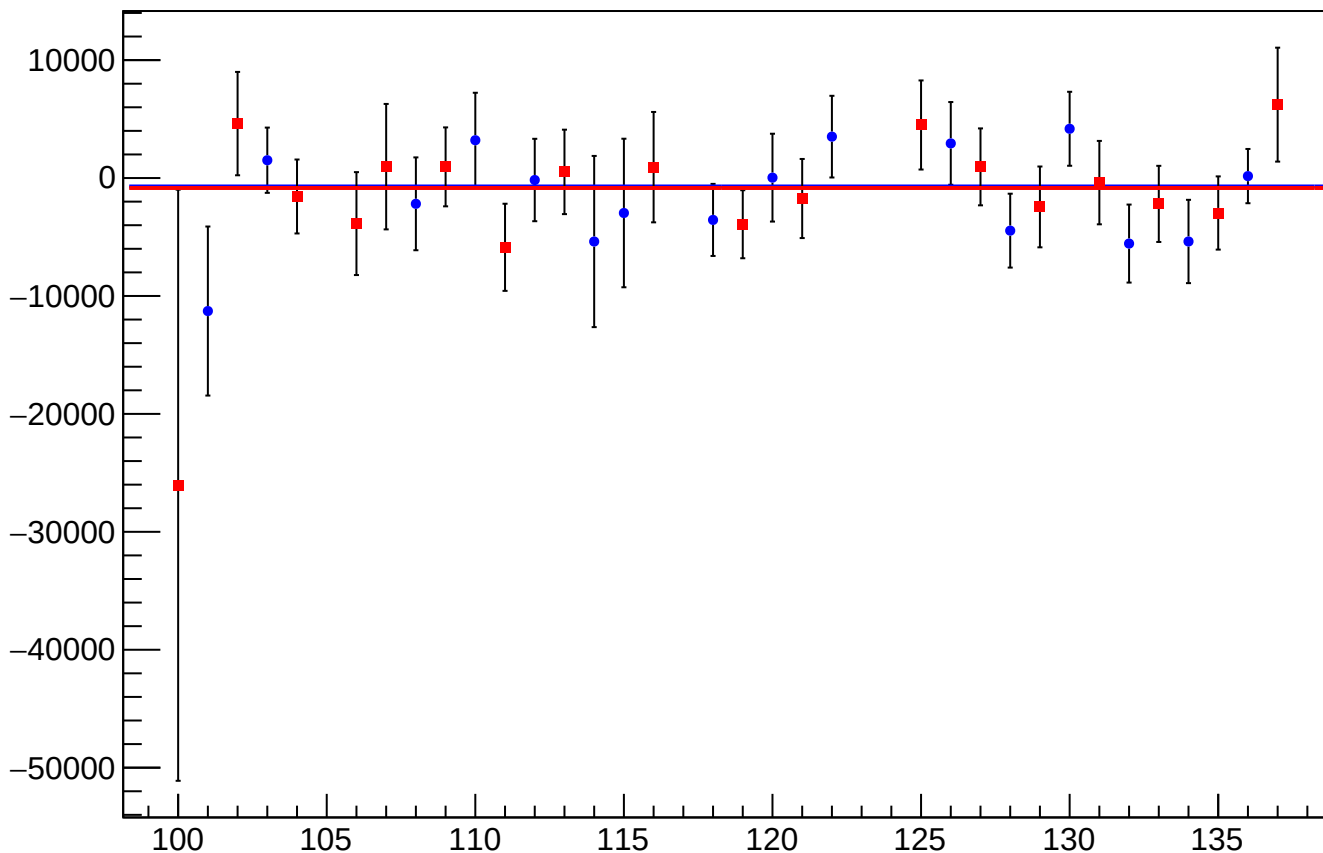
Right: 170.917+/-0.043 χ^2/NDF : 11357079.8/33

In: 191.405+/-0.064 χ^2/NDF : 5063603.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.917+/-0.043 χ^2/NDF : 11357079.8/33

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -717.136+/-873.539 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -842.157+/-873.586 χ^2/NDF : 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

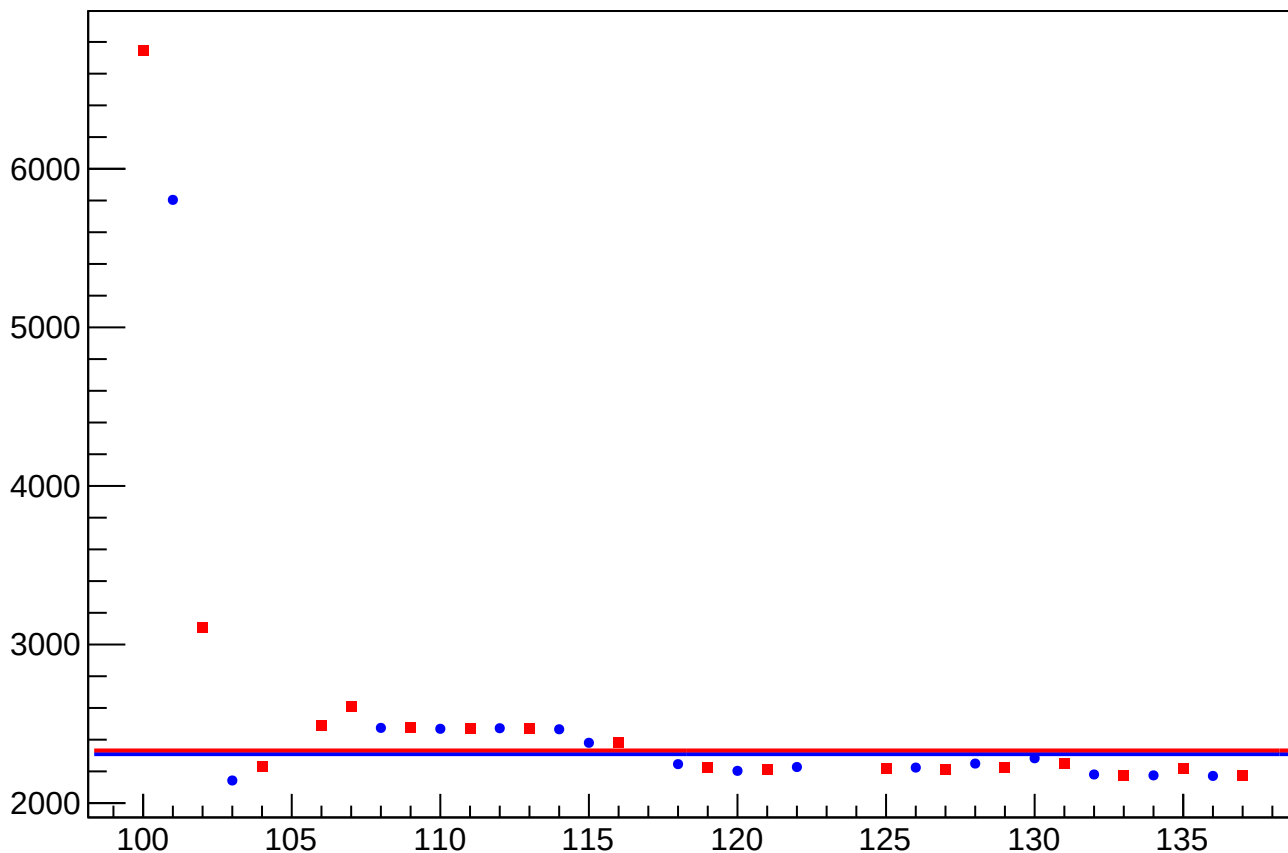
Right: -779.643+/-617.702 χ^2/NDF : 28.0/33

In: -717.136+/-873.539 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.643+/-617.702 χ^2/NDF : 28.0/33

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2308.739+/-0.618 χ^2/NDF : 513742.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2331.849+/-0.618 χ^2/NDF : 167321.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

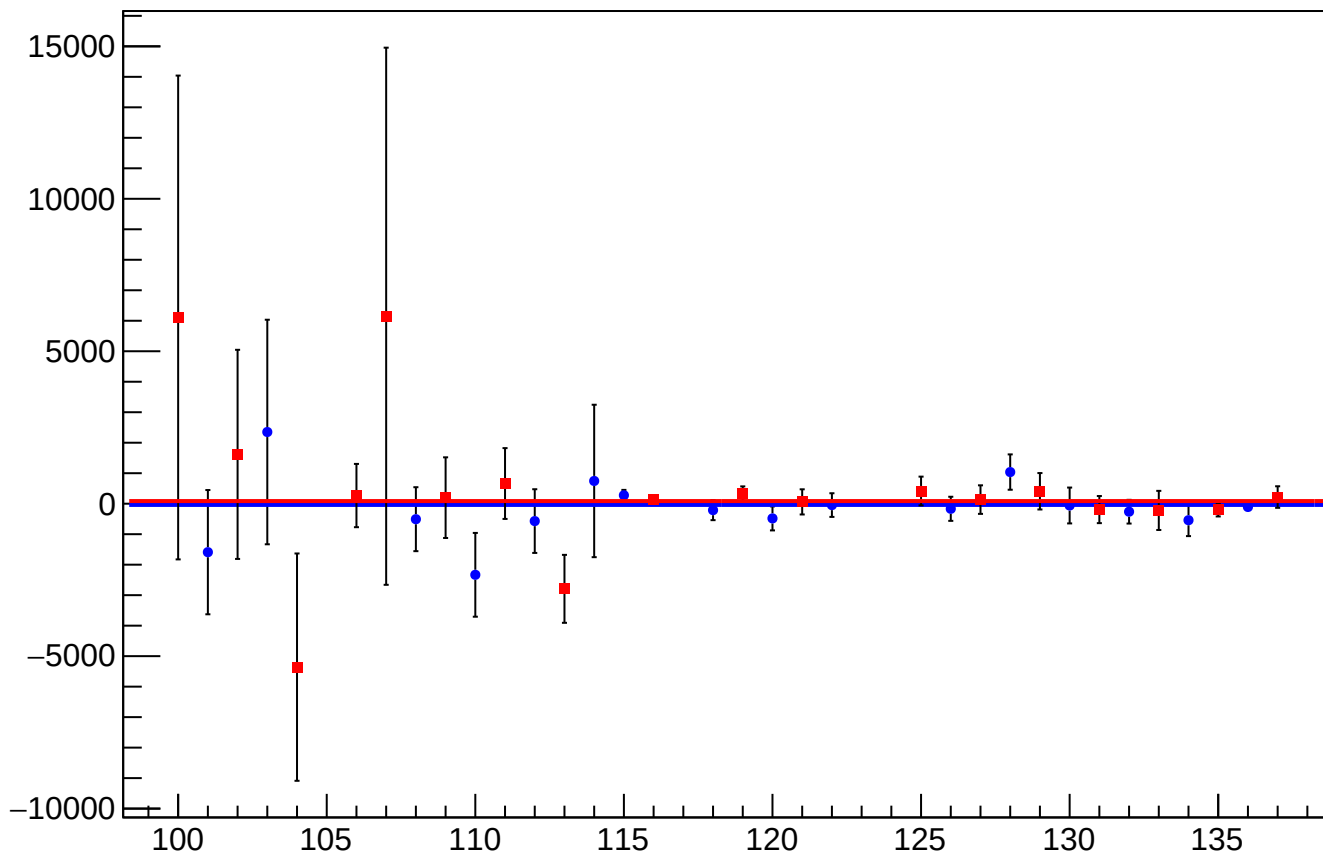
Right: 2320.294+/-0.437 χ^2/NDF : 681763.7/33

In: 2308.739+/-0.618 χ^2/NDF :513742.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2320.294+/-0.437 χ^2/NDF : 681763.7/33

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -40.119 ± 92.409 χ^2/NDF : 14.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 86.379 ± 86.088 χ^2/NDF : 15.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

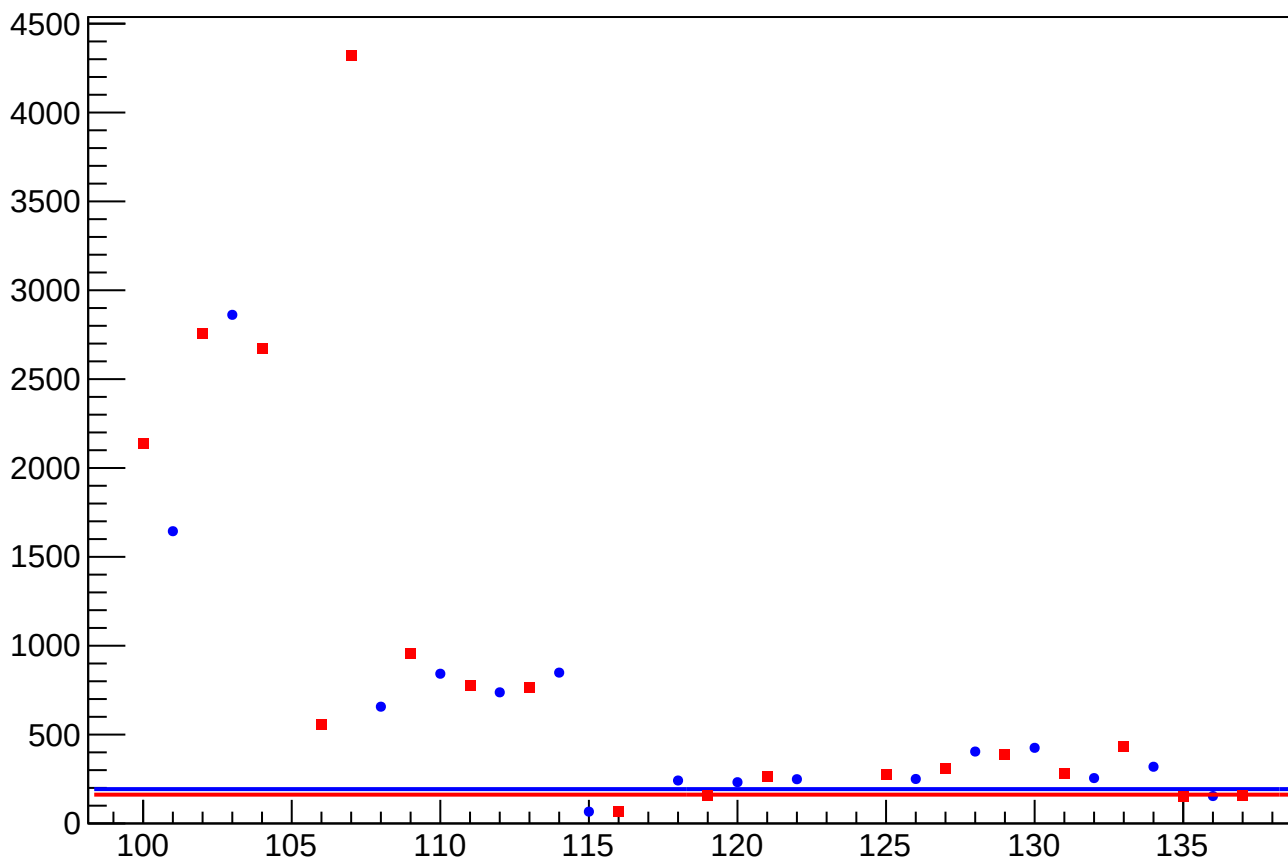
Right: 27.604 ± 62.990 χ^2/NDF : 30.0/33

In: -40.119 ± 92.409 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.604 ± 62.990 χ^2/NDF : 30.0/33

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 193.255+/-0.065 χ^2/NDF : 5617847.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 162.114+/-0.061 χ^2/NDF : 7070489.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

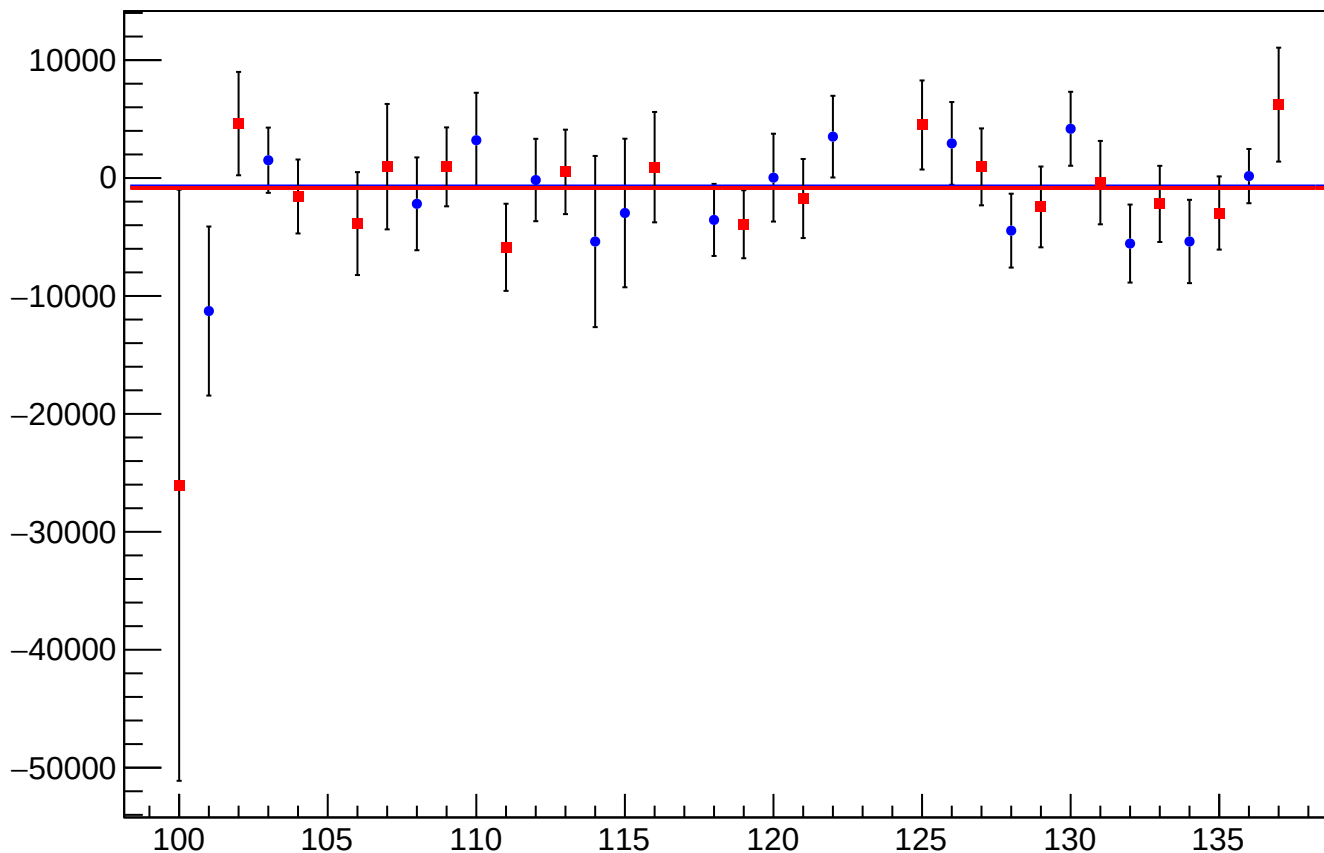
Right: 176.583+/-0.045 χ^2/NDF : 12809933.8/33

In: 193.255+/-0.065 χ^2/NDF :5617847.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.583+/-0.045 χ^2/NDF : 12809933.8/33

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -717.137+/-873.539 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -842.159+/-873.586 χ^2/NDF : 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

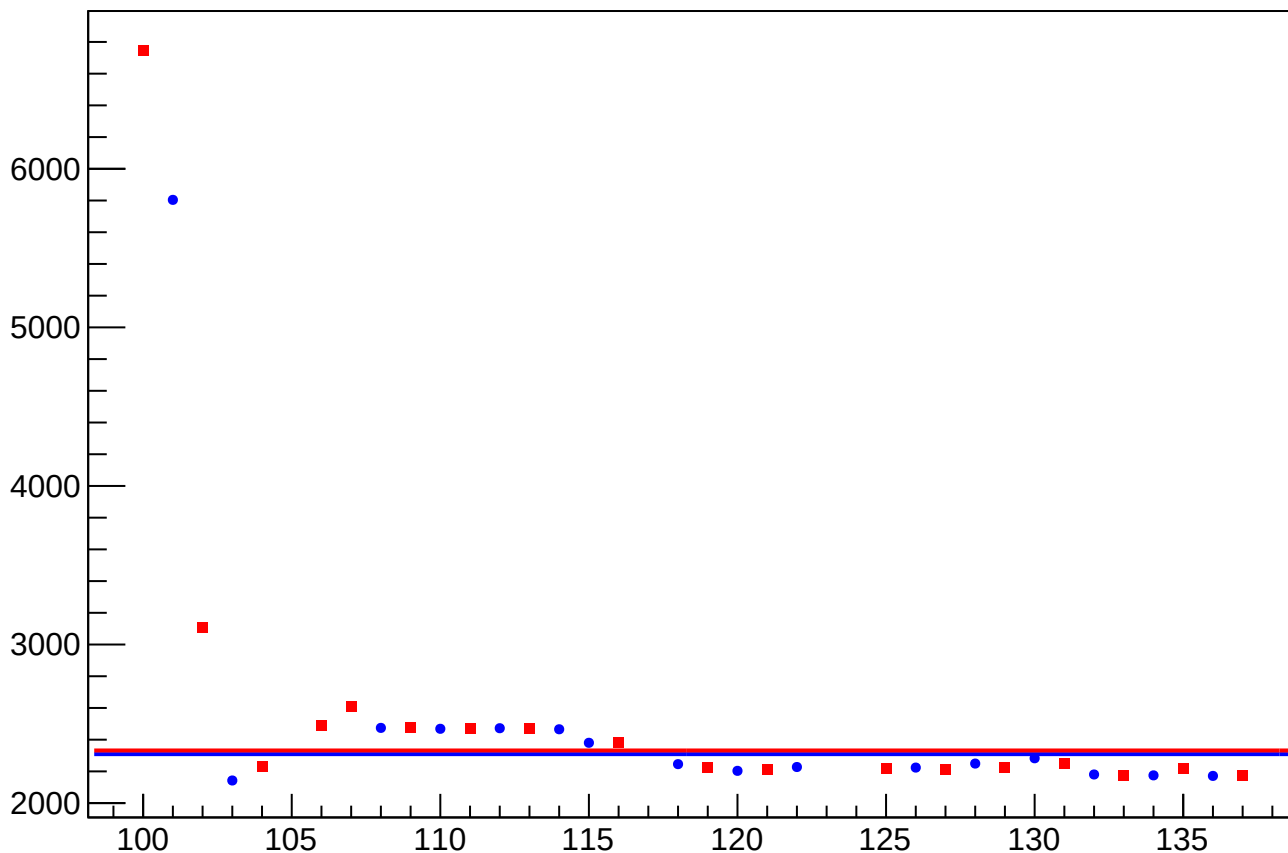
Right: -779.645+/-617.702 χ^2/NDF : 28.0/33

In: -717.137+/-873.539 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.645+/-617.702 χ^2/NDF : 28.0/33

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2308.739+/-0.618 χ^2/NDF : 513742.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2331.849+/-0.618 χ^2/NDF : 167321.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

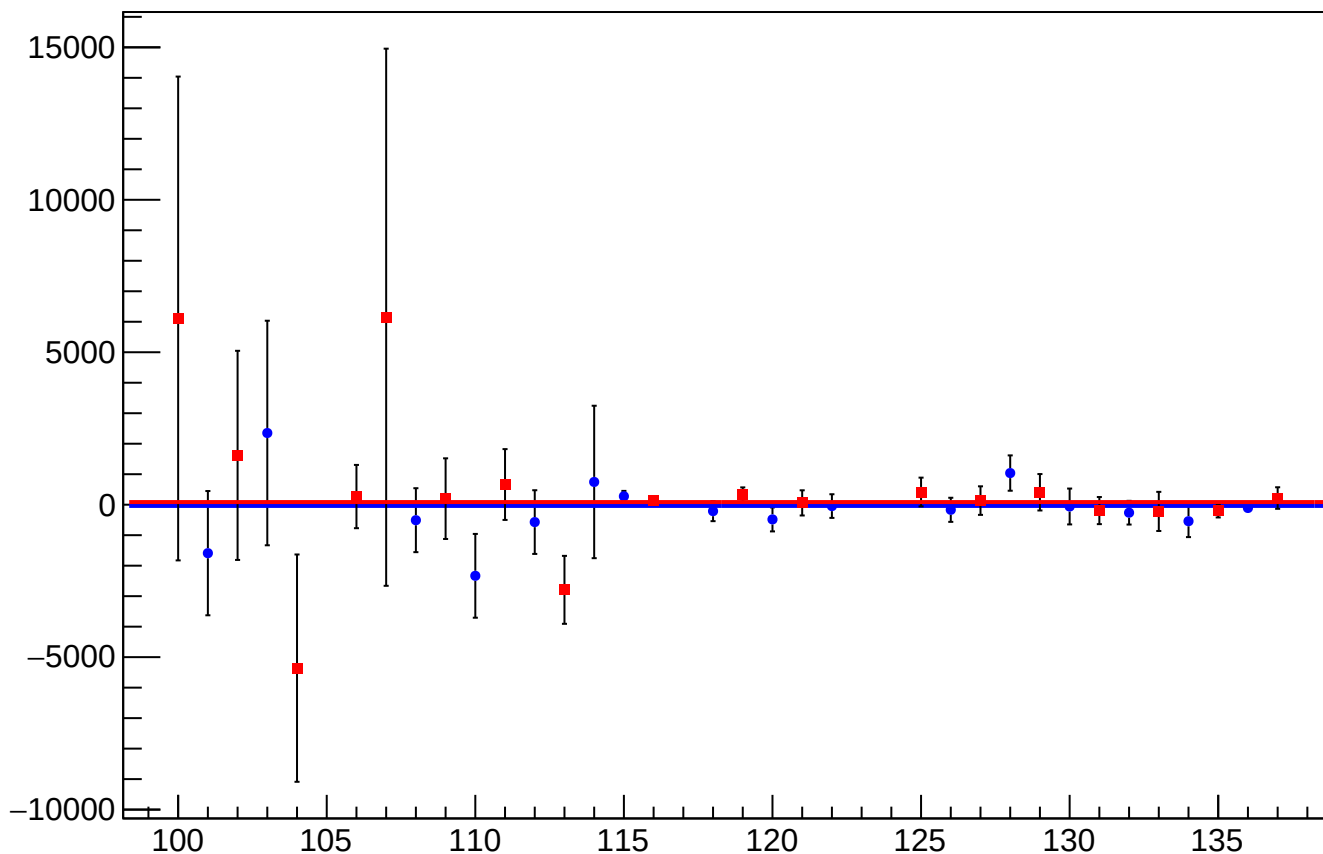
Right: 2320.294+/-0.437 χ^2/NDF : 681763.7/33

In: 2308.739+/-0.618 χ^2/NDF : 513742.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.294+/-0.437 χ^2/NDF : 681763.7/33

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -40.116 ± 92.408 χ^2/NDF : 14.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 86.380 ± 86.087 χ^2/NDF : 15.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

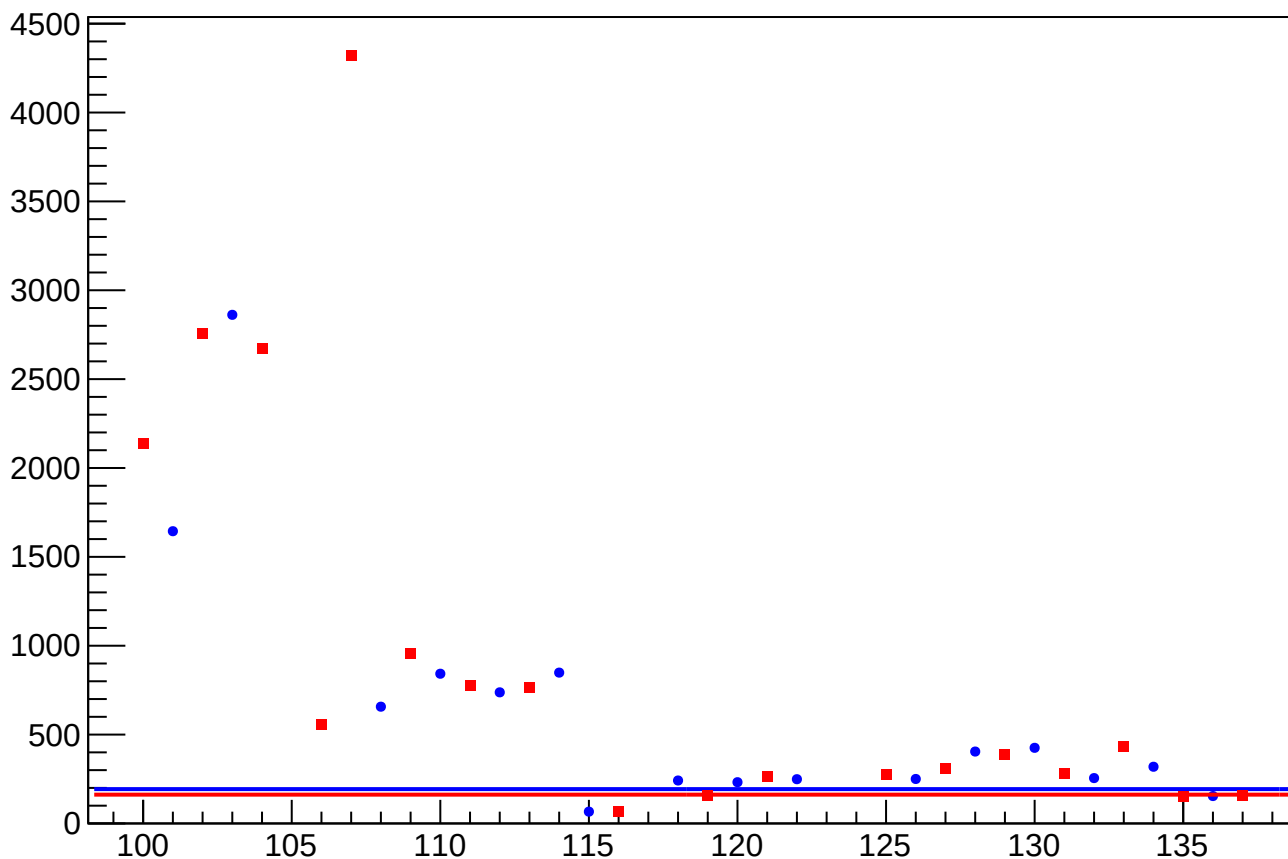
Right: 27.606 ± 62.989 χ^2/NDF : 30.0/33

In: -40.116 ± 92.408 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.606 ± 62.989 χ^2/NDF : 30.0/33

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 193.253+/-0.065 χ^2/NDF : 5617884.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 162.112+/-0.061 χ^2/NDF : 7070547.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

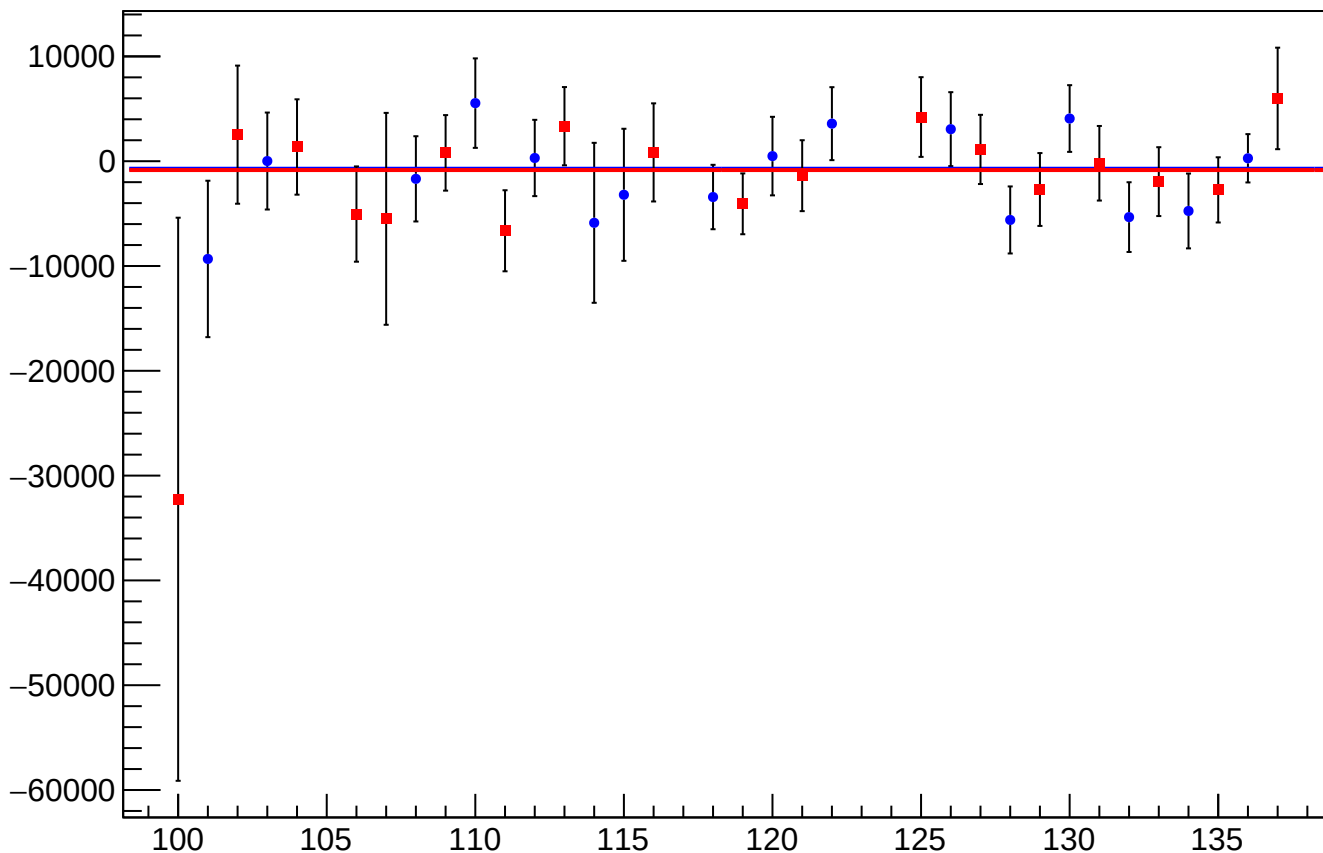
Right: 176.581+/-0.045 χ^2/NDF : 12810031.9/33

In: 193.253+/-0.065 χ^2/NDF :5617884.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 176.581+/-0.045 χ^2/NDF : 12810031.9/33

asym_us_dd_at1lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -719.565+/-916.228 χ^2 /NDF: 15.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -844.810+/-928.703 χ^2 /NDF: 12.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

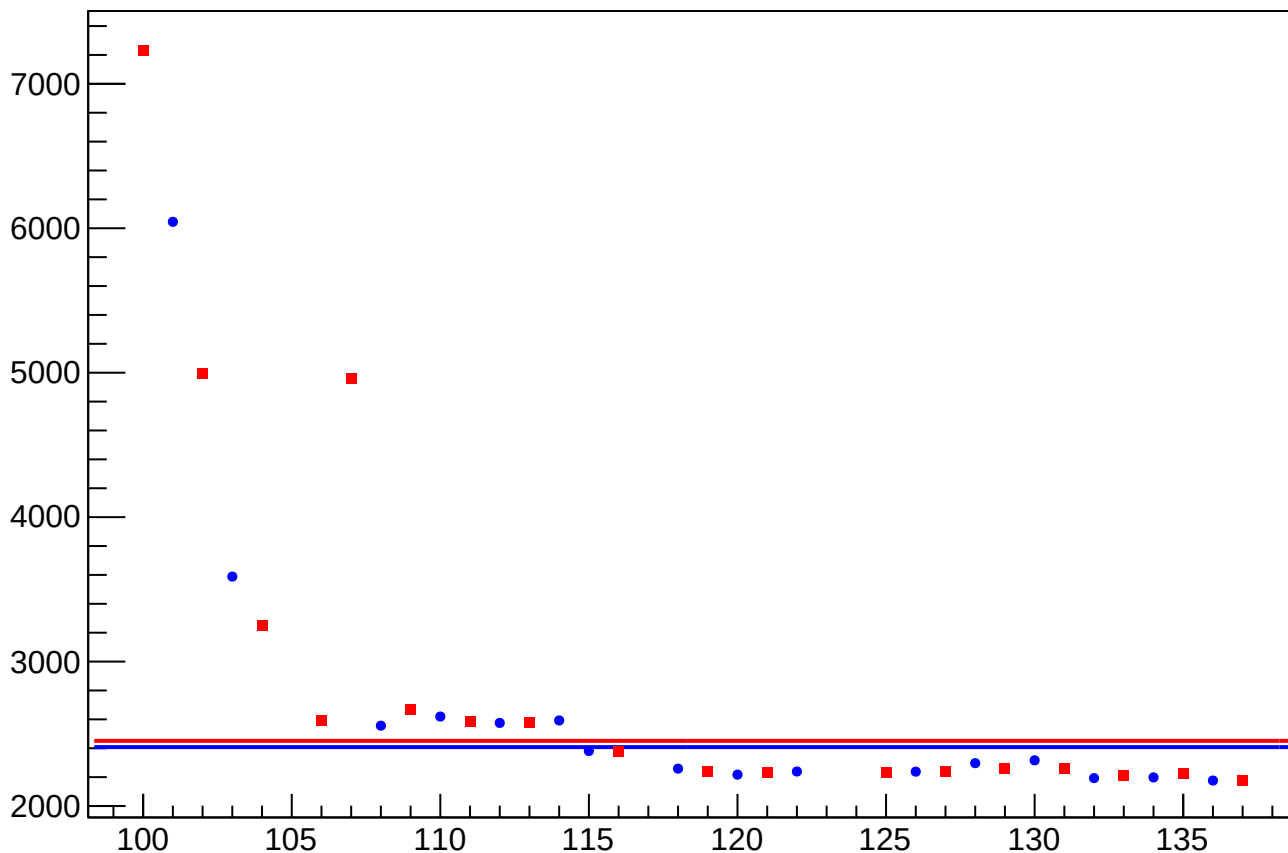
Right: -781.340+/-652.237 χ^2 /NDF: 28.7/33

In: -719.565+/-916.228 χ^2 /NDF:15.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -781.340+/-652.237 χ^2 /NDF: 28.7/33

asym_us_dd_at1lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2407.795+/-0.648 χ^2/NDF : 676891.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2451.189+/-0.657 χ^2/NDF : 633600.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

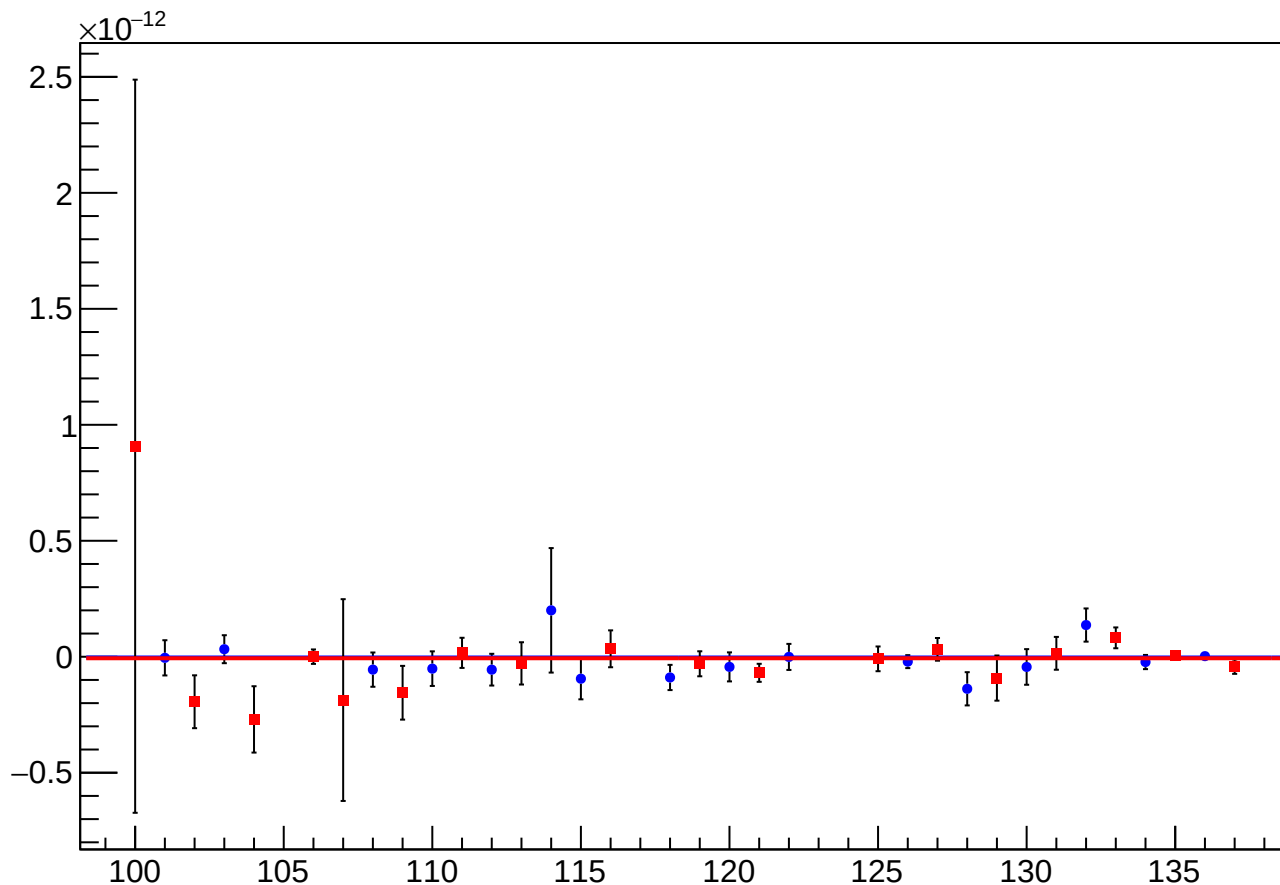
Right: 2429.198+/-0.461 χ^2/NDF : 1312704.2/33

In: 2407.795+/-0.648 χ^2/NDF : 676891.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2429.198+/-0.461 χ^2/NDF : 1312704.2/33

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

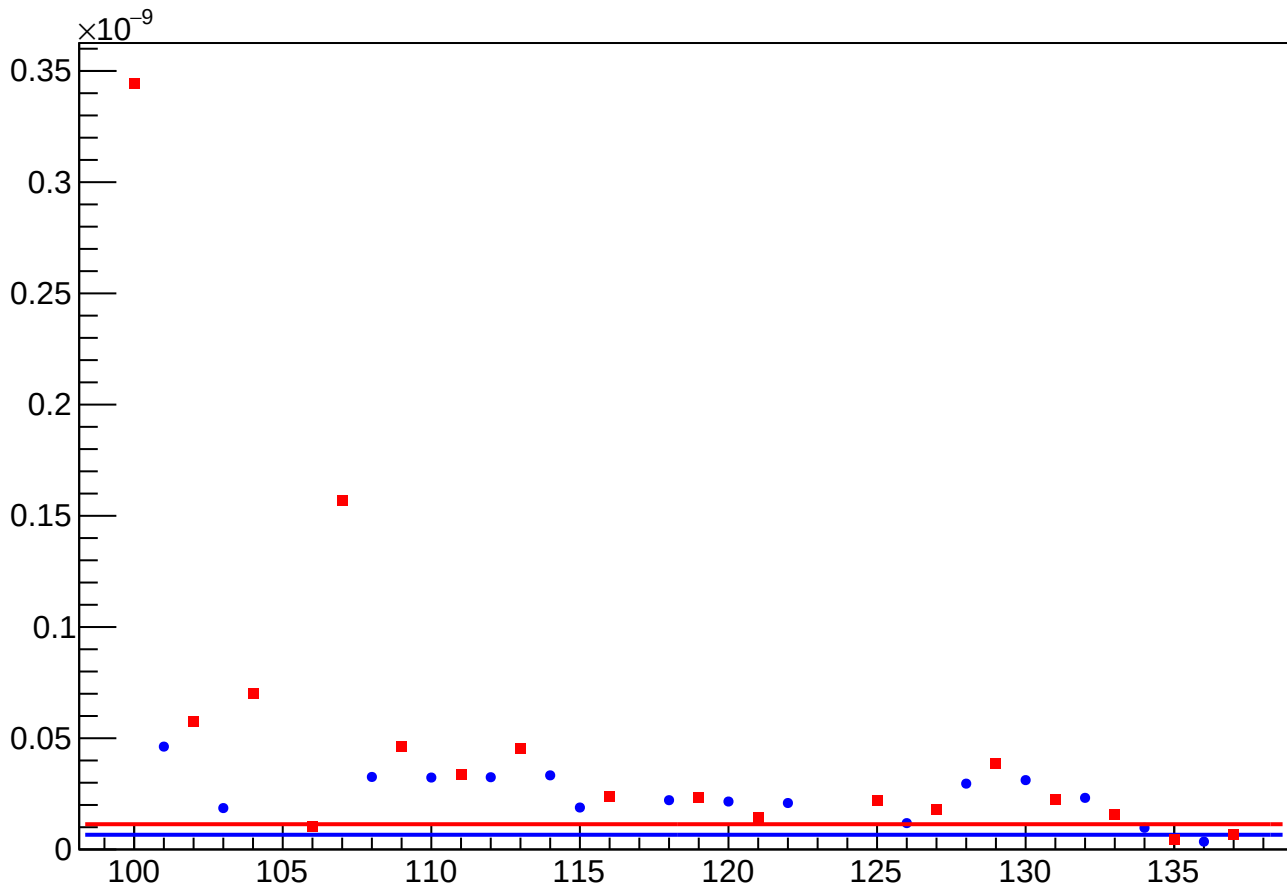
Right: -0.000+/-0.000 χ^2/NDF : 34.5/33

In: -0.000+/-0.000 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.5/33

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2856979.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2697712.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

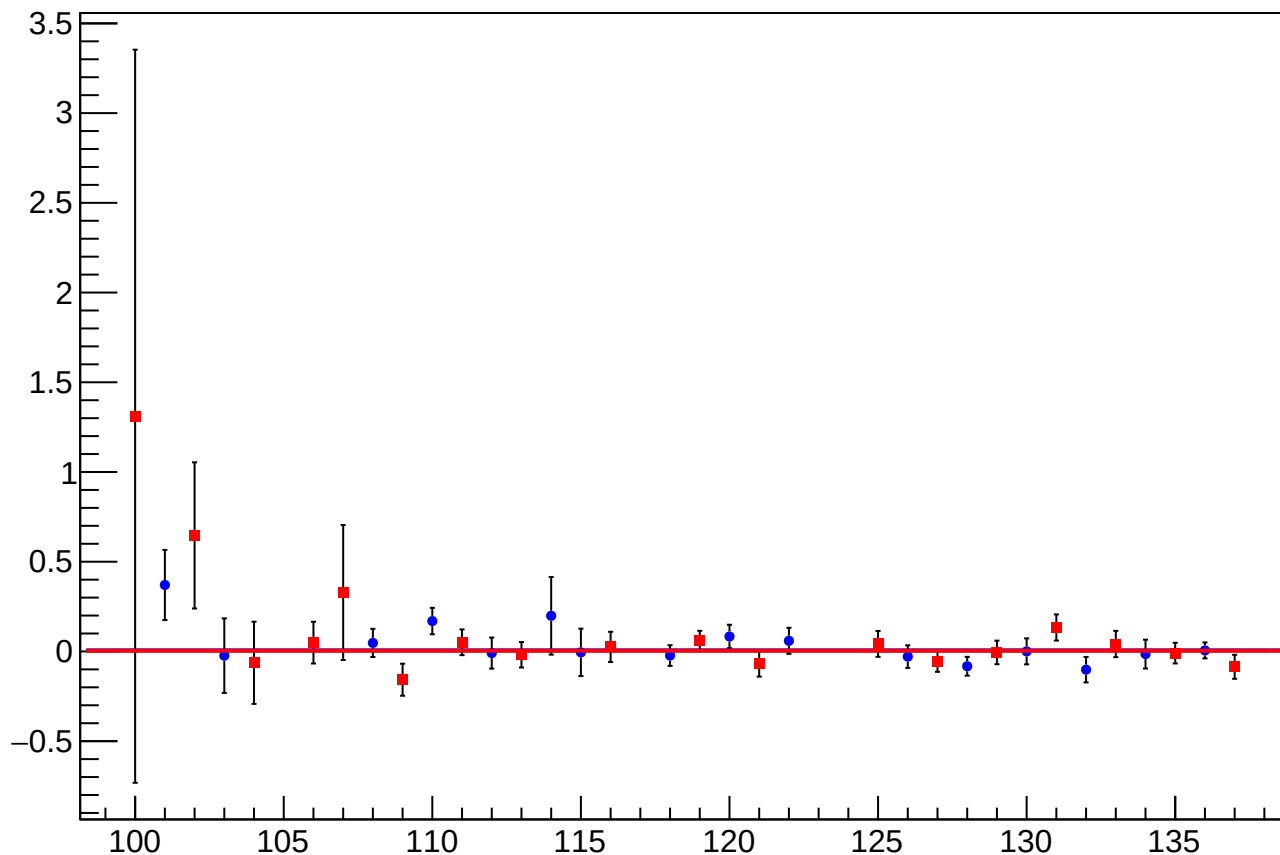
Right: 0.000+/-0.000 χ^2/NDF : 5888629.2/33

In: 0.000+/-0.000 χ^2/NDF : 2856979.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5888629.2/33

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

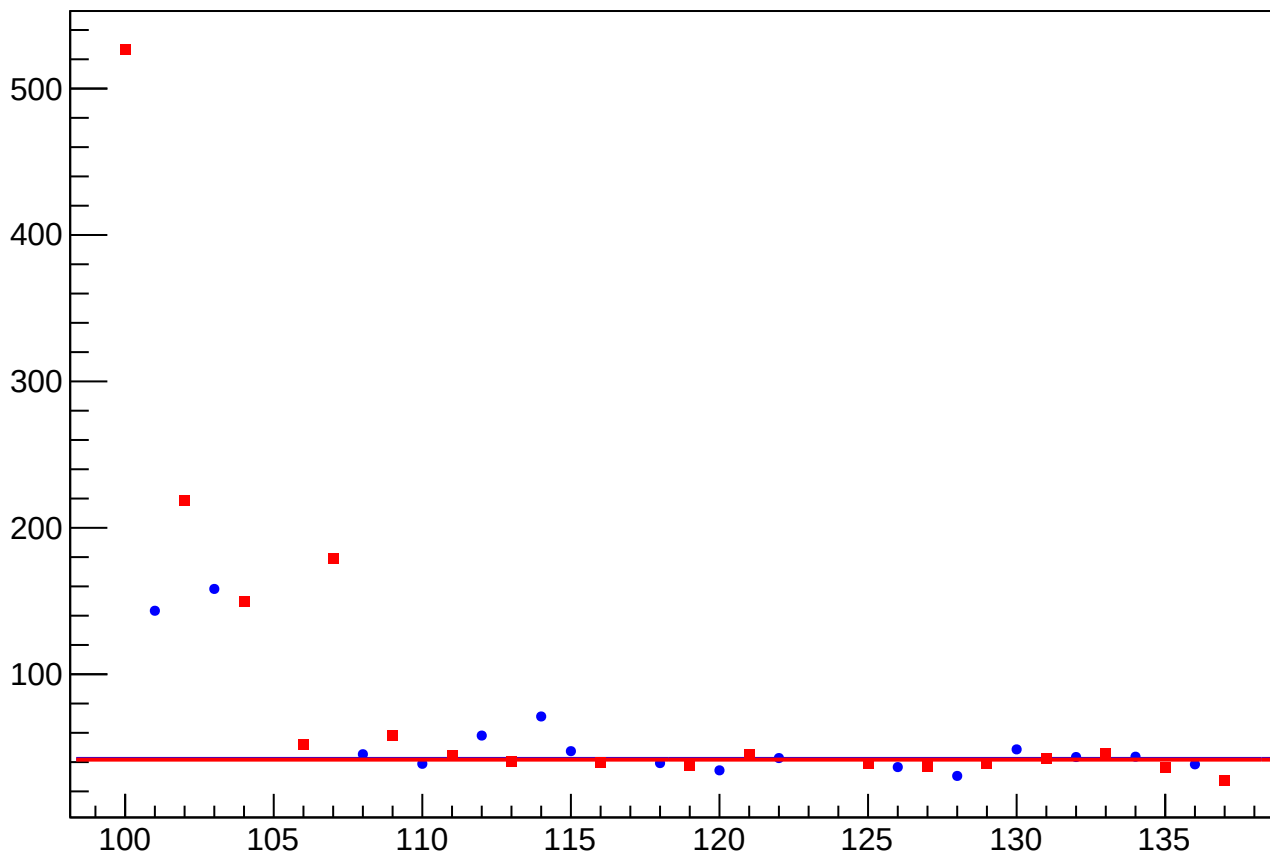
Right: 0.005+/-0.013 χ^2/NDF : 33.5/33

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.013 χ^2/NDF : 33.5/33

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.165+/-0.013 χ^2/NDF : 1454378.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.692+/-0.013 χ^2/NDF : 1441204.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

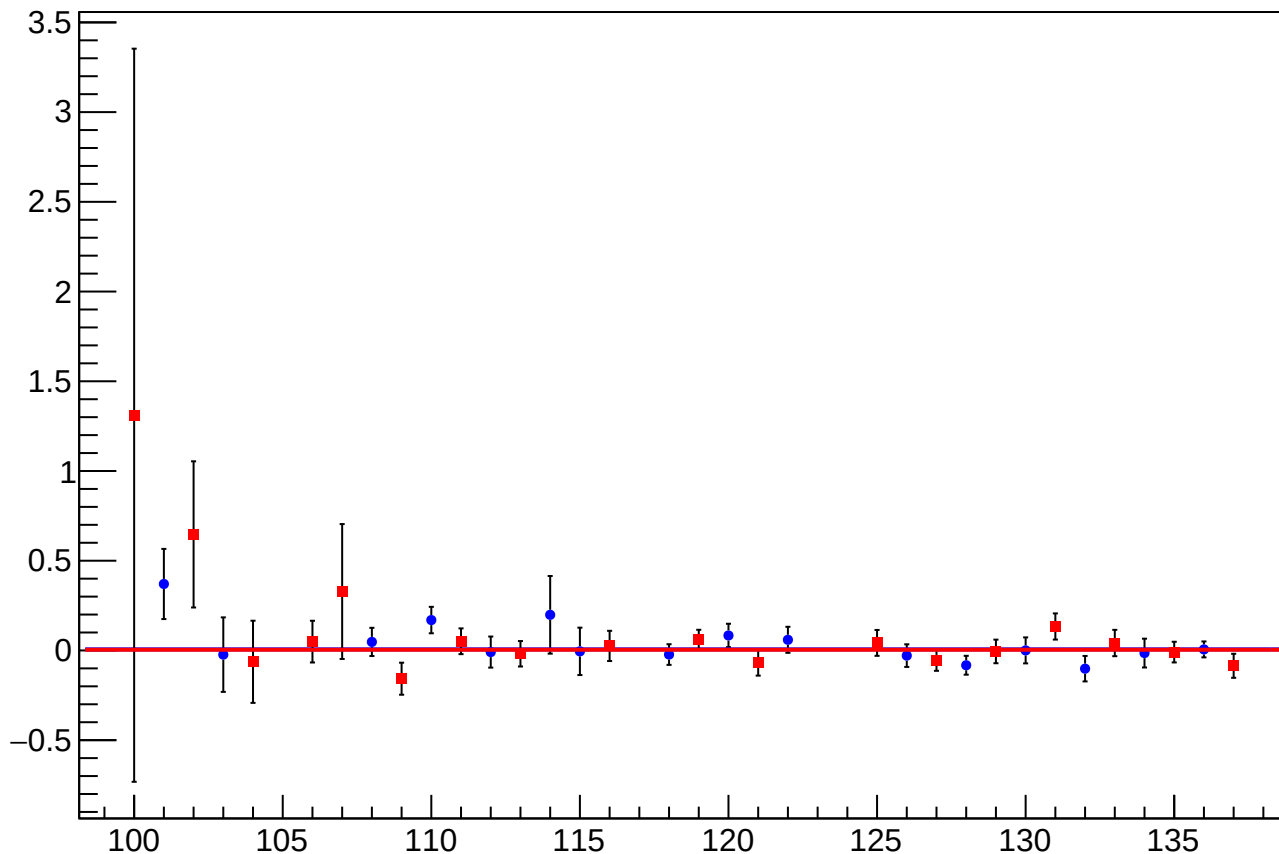
Right: 41.933+/-0.009 χ^2/NDF : 2896244.2/33

In: 42.165+/-0.013 χ^2/NDF : 1454378.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.933+/-0.009 χ^2/NDF : 2896244.2/33

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

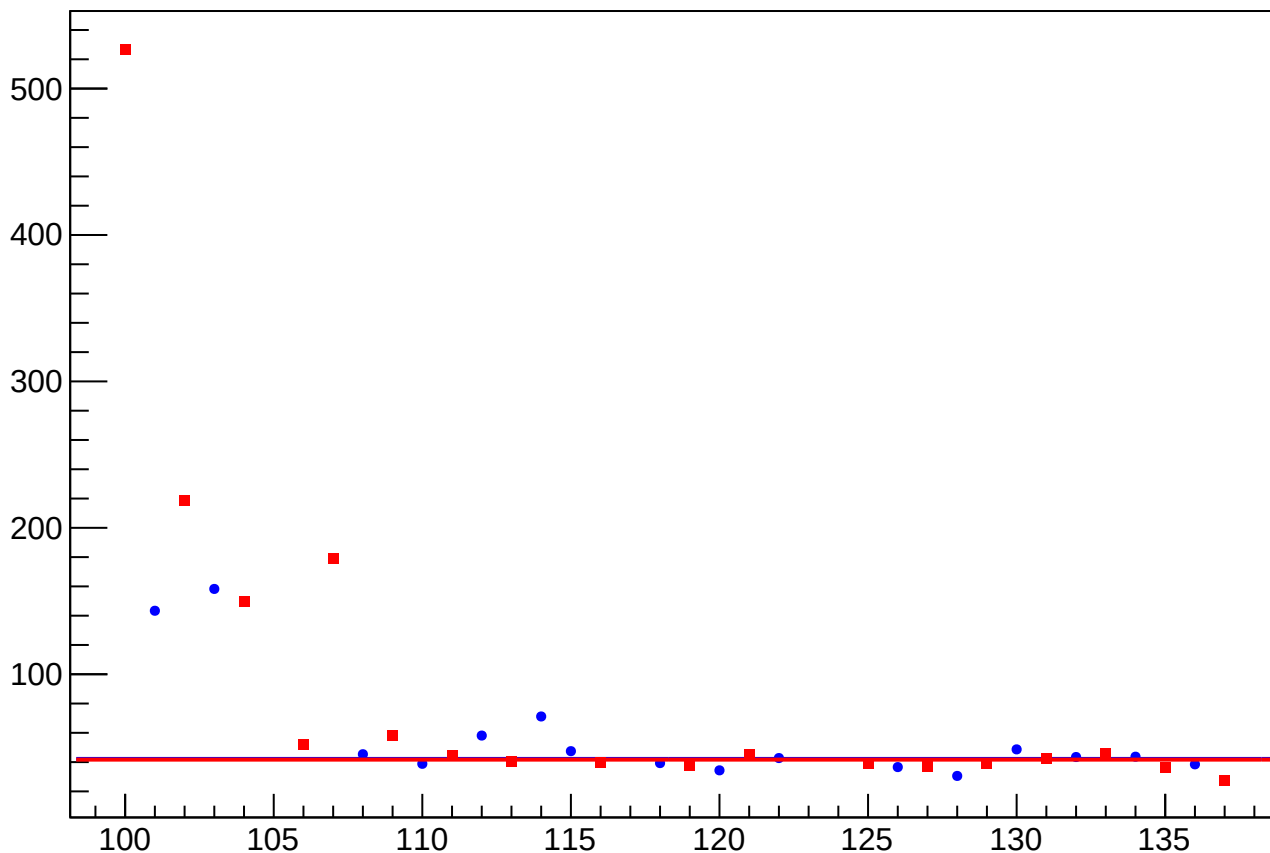
Right: 0.005+/-0.013 χ^2/NDF : 33.5/33

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.013 χ^2/NDF : 33.5/33

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.165+/-0.013 χ^2/NDF : 1454378.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 41.692+/-0.013 χ^2/NDF : 1441204.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

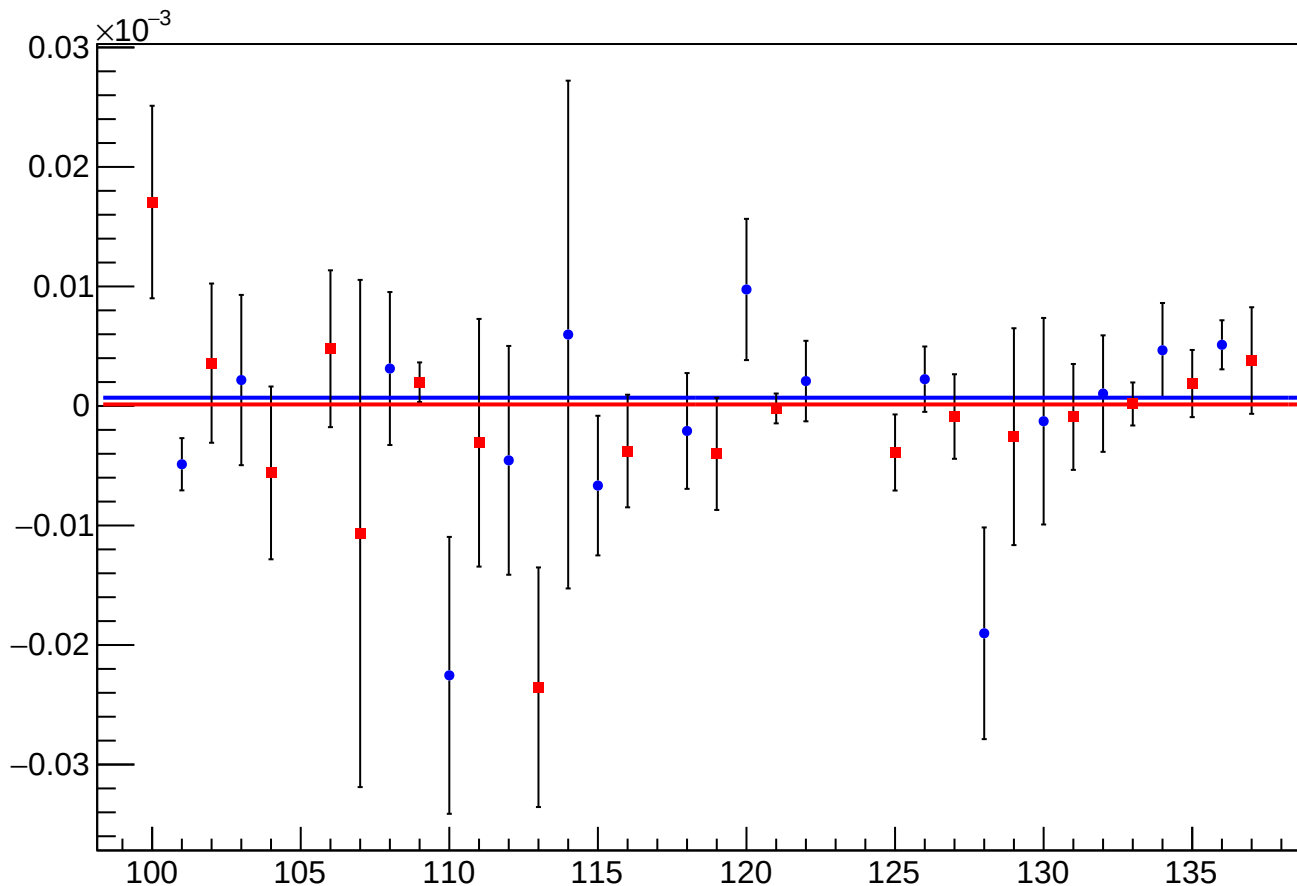
Right: 41.933+/-0.009 χ^2/NDF : 2896244.2/33

In: 42.165+/-0.013 χ^2/NDF :1454378.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.933+/-0.009 χ^2/NDF : 2896244.2/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

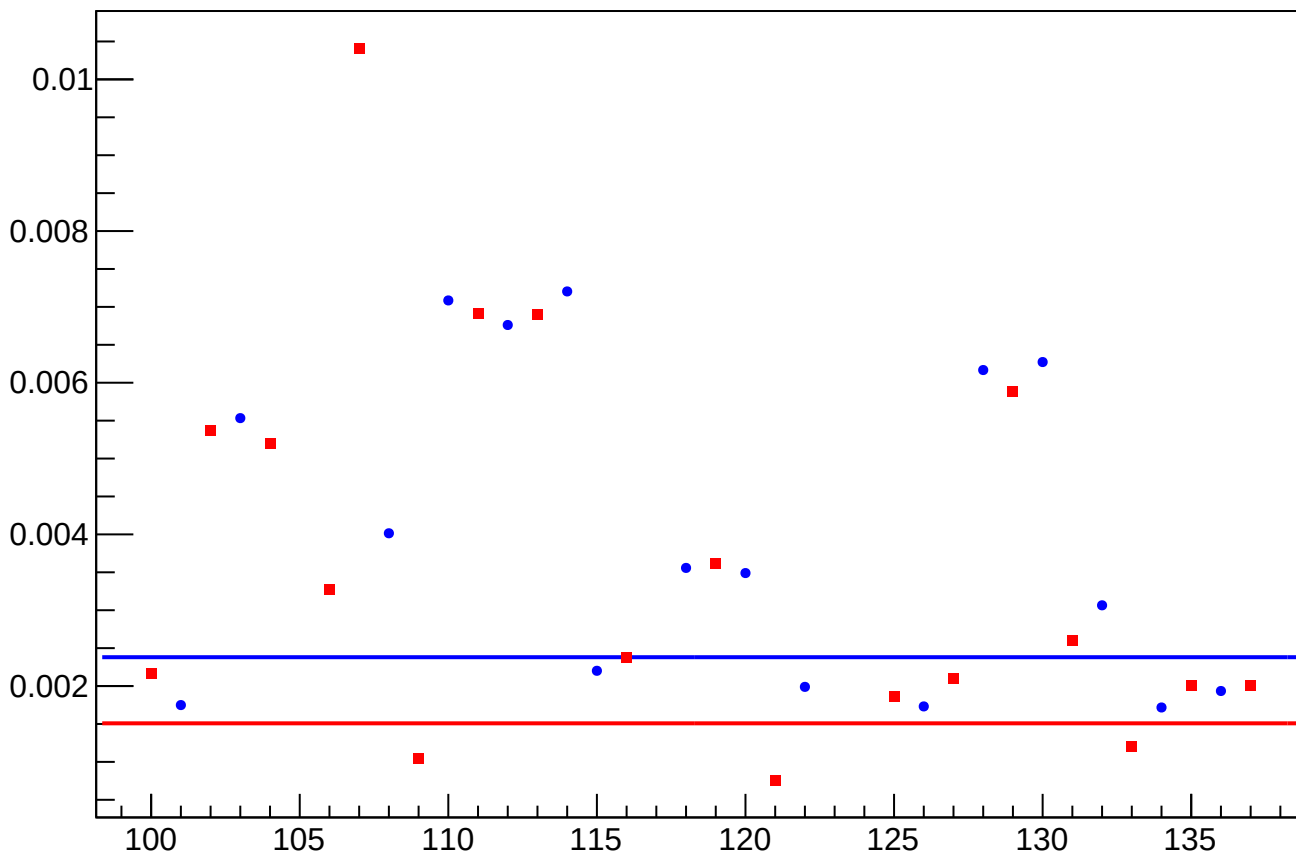
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.1/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:26.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.1/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 2832488.0/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 5001667.0/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 8812145.3/33

In: 0.002+/-0.000

χ^2/NDF : 2832488.0/15

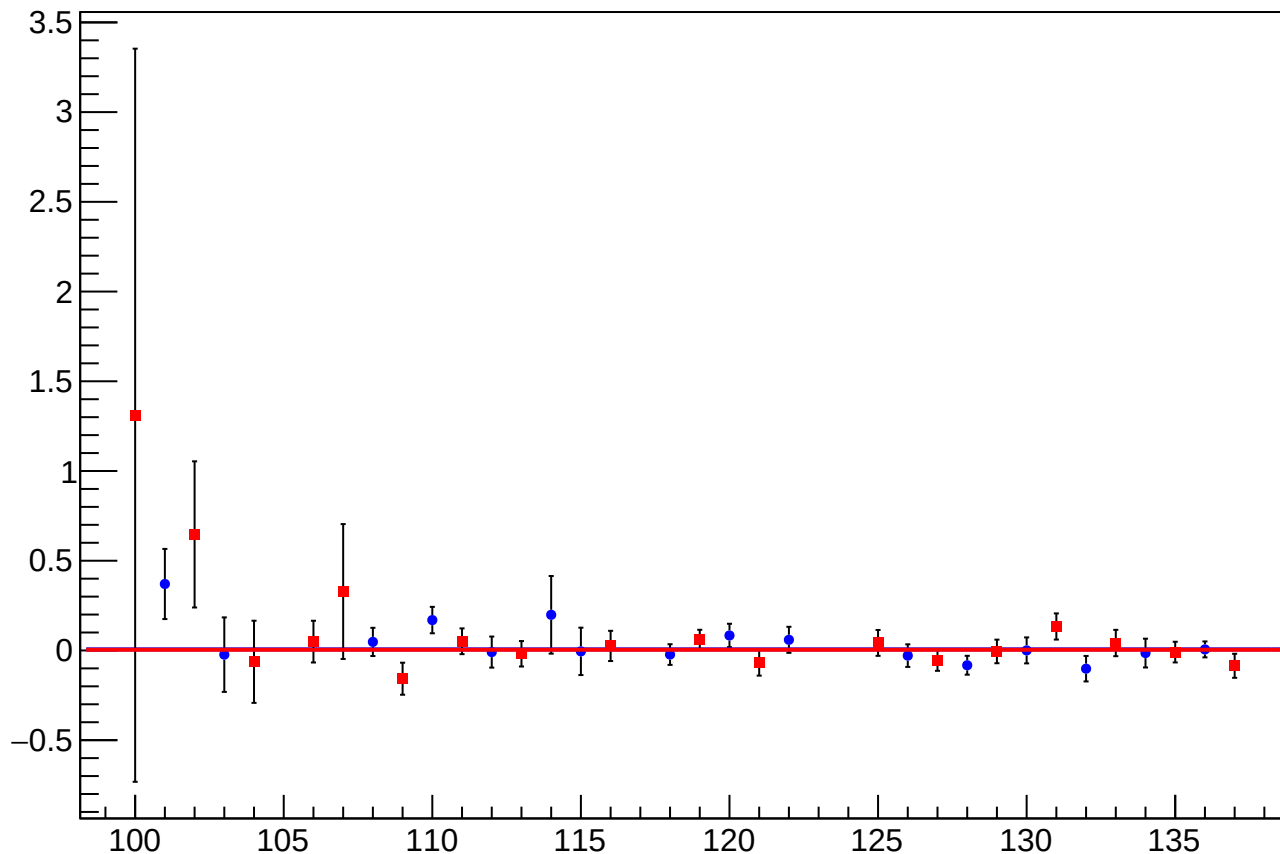
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8812145.3/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

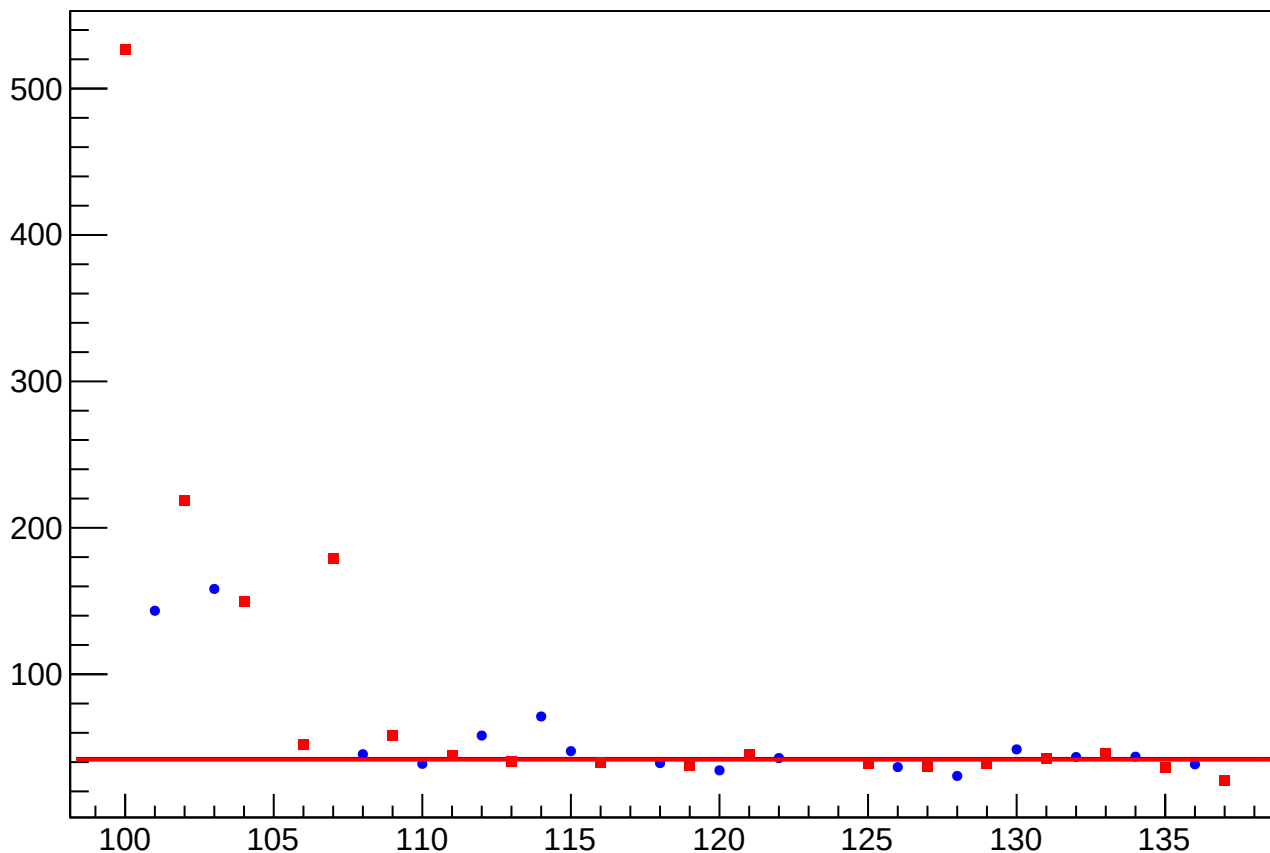
Right: 0.005+/-0.013 χ^2/NDF : 33.5/33

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.013 χ^2/NDF : 33.5/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.692+/-0.013 χ^2/NDF : 1441185.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

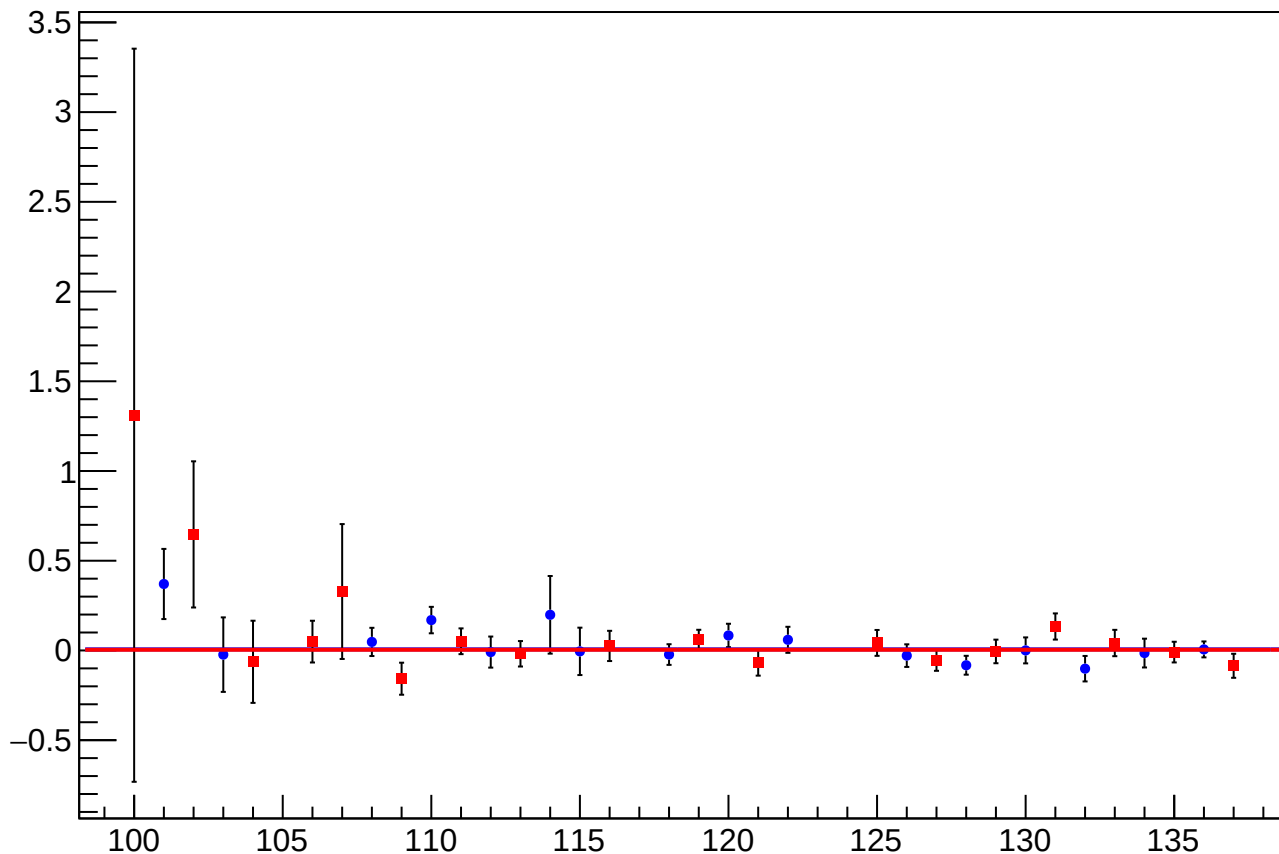
Right: 41.932+/-0.009 χ^2/NDF : 2896430.8/33

In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.932+/-0.009 χ^2/NDF : 2896430.8/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.019 χ^2/NDF : 16.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

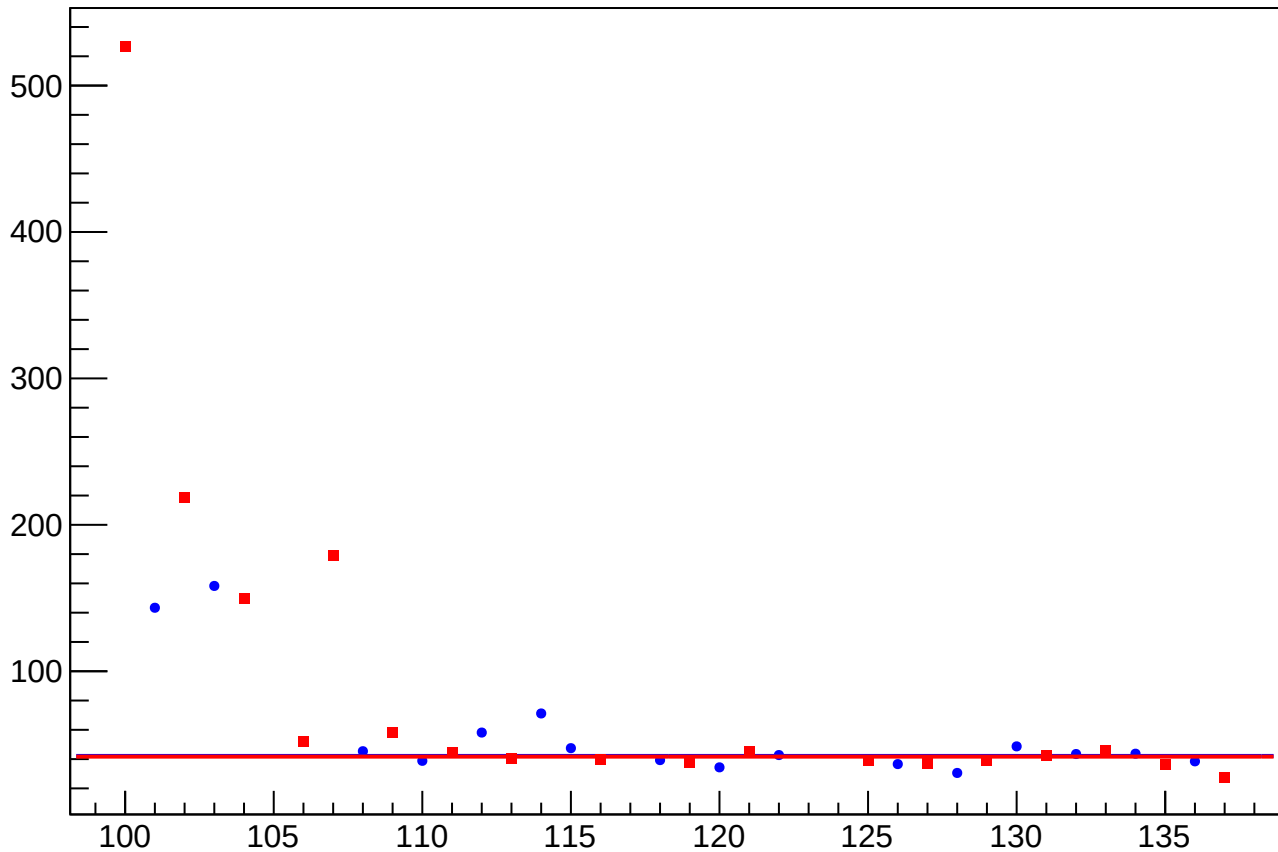
Right: 0.005+/-0.013 χ^2/NDF : 33.5/33

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.013 χ^2/NDF : 33.5/33

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.692+/-0.013 χ^2/NDF : 1441185.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

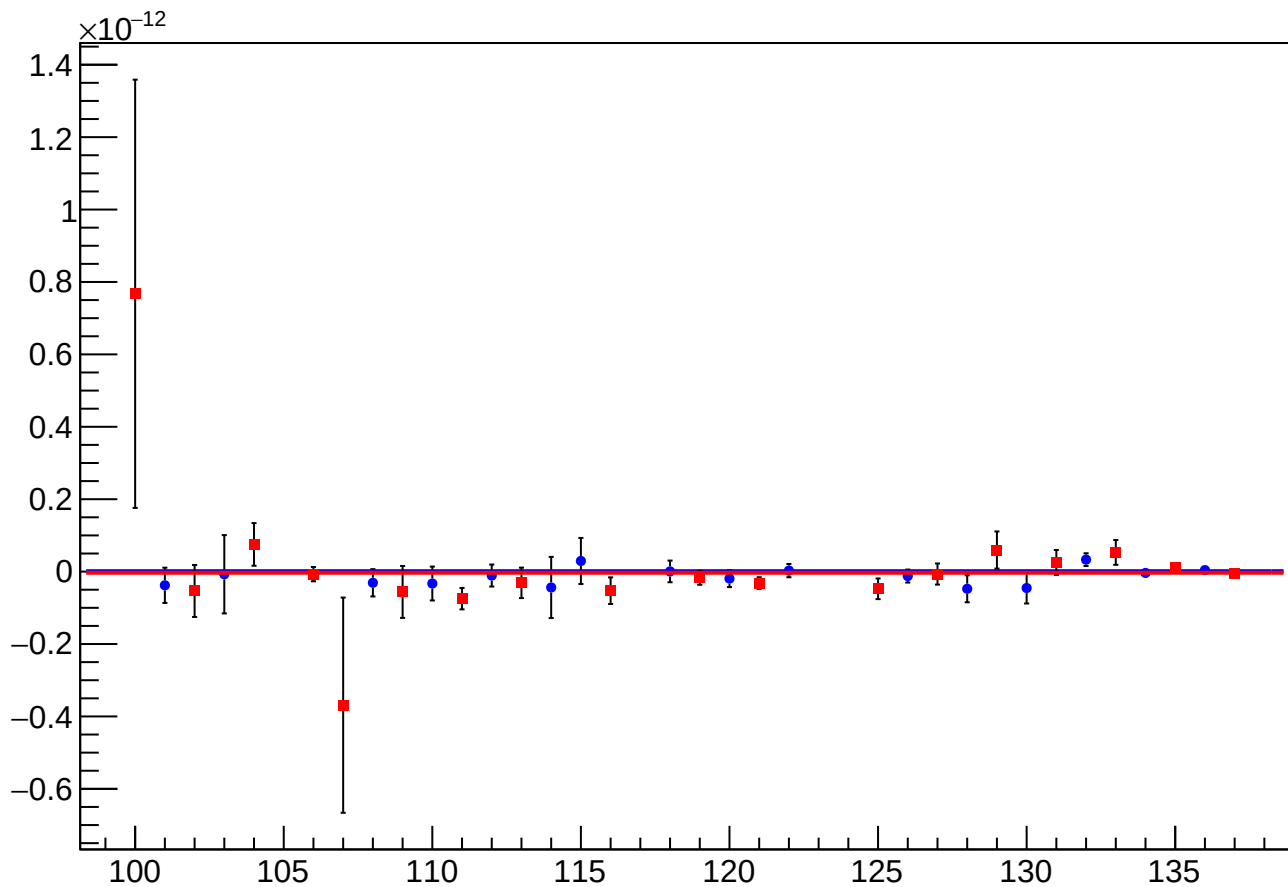
Right: 41.932+/-0.009 χ^2/NDF : 2896430.8/33

In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.932+/-0.009 χ^2/NDF : 2896430.8/33

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 28.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

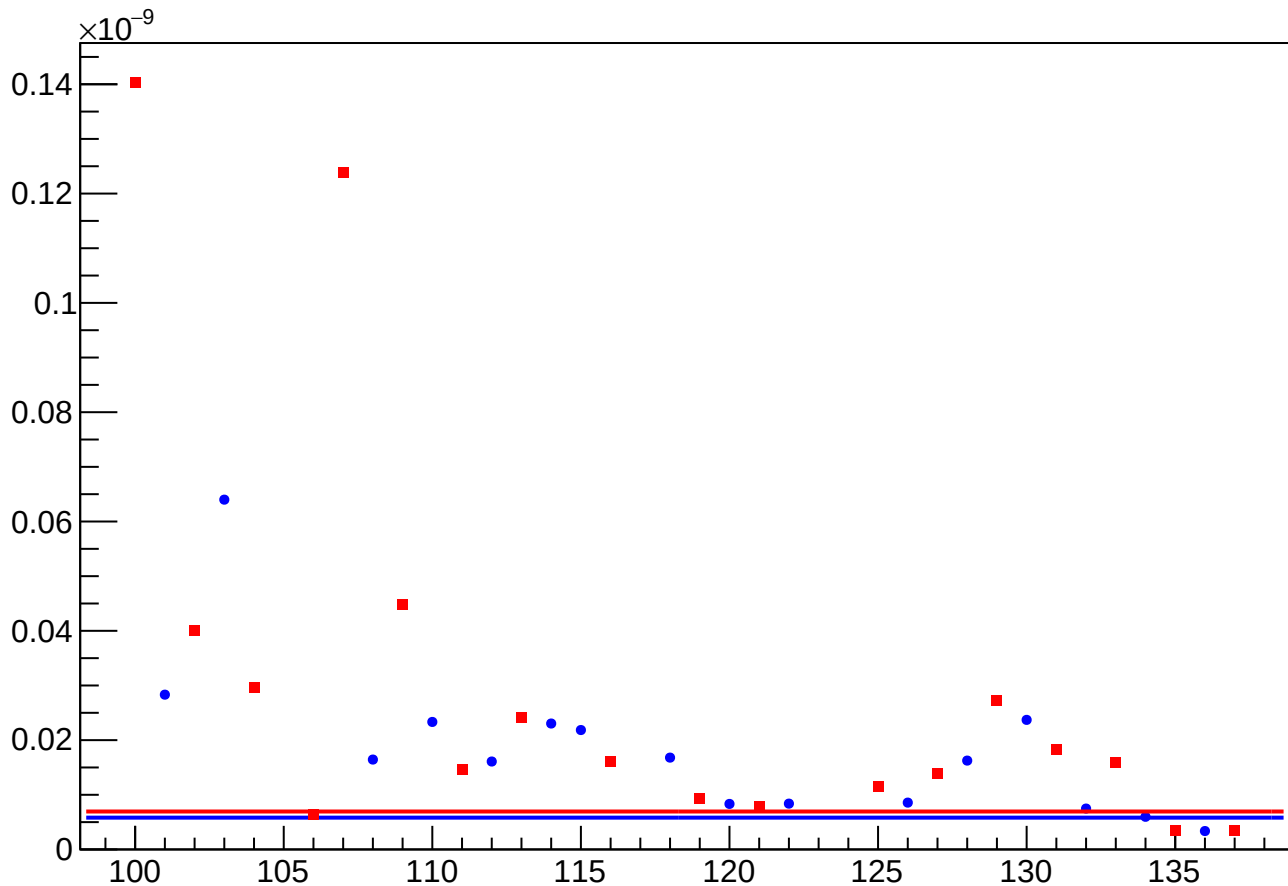
Right: -0.000+/-0.000 χ^2/NDF : 39.8/33

In: 0.000+/-0.000 χ^2/NDF : 10.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.8/33

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3296021.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3789910.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

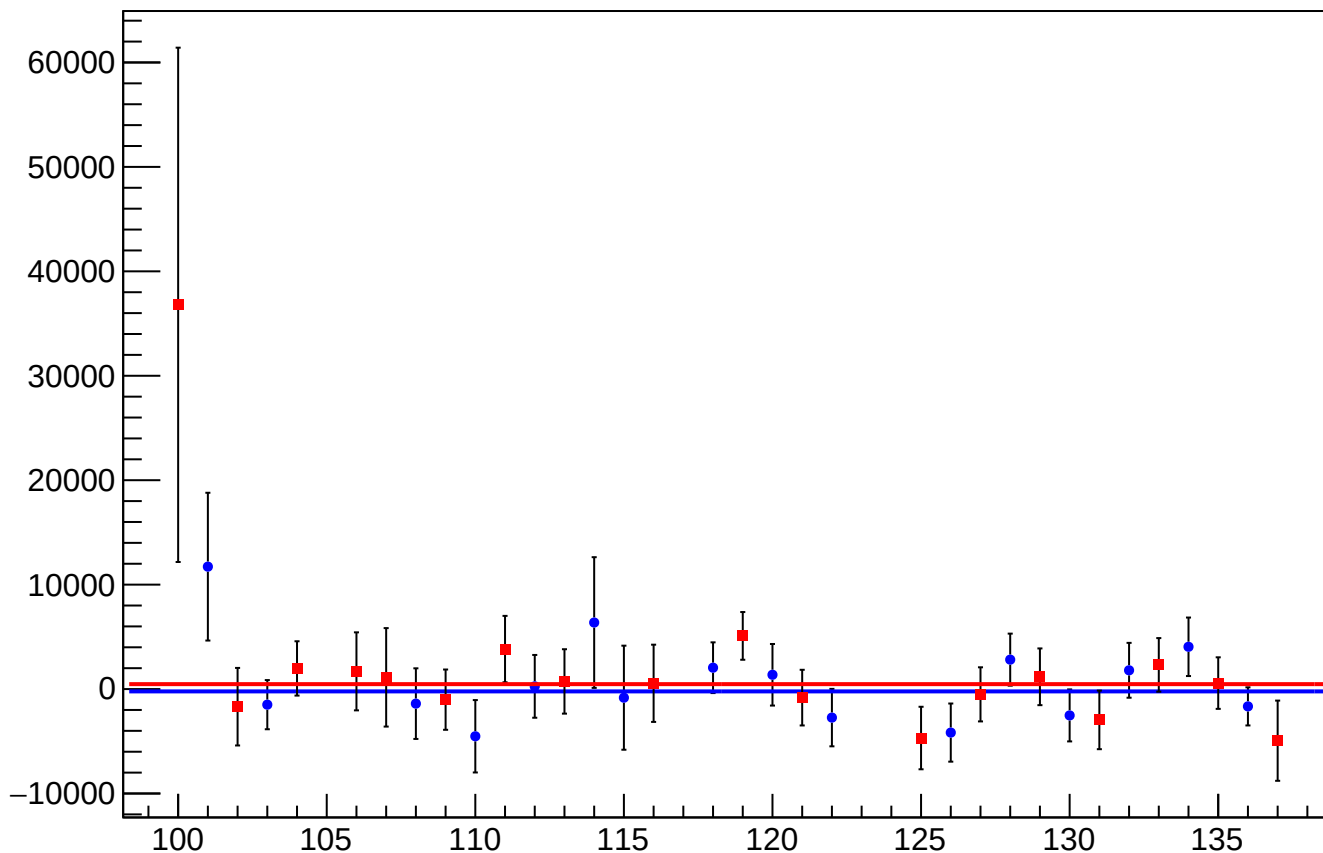
Right: 0.000+/-0.000 χ^2/NDF : 7152698.2/33

In: 0.000+/-0.000 χ^2/NDF : 3296021.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7152698.2/33

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -222.980+/-709.150 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 472.410+/-711.475 χ^2/NDF : 15.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

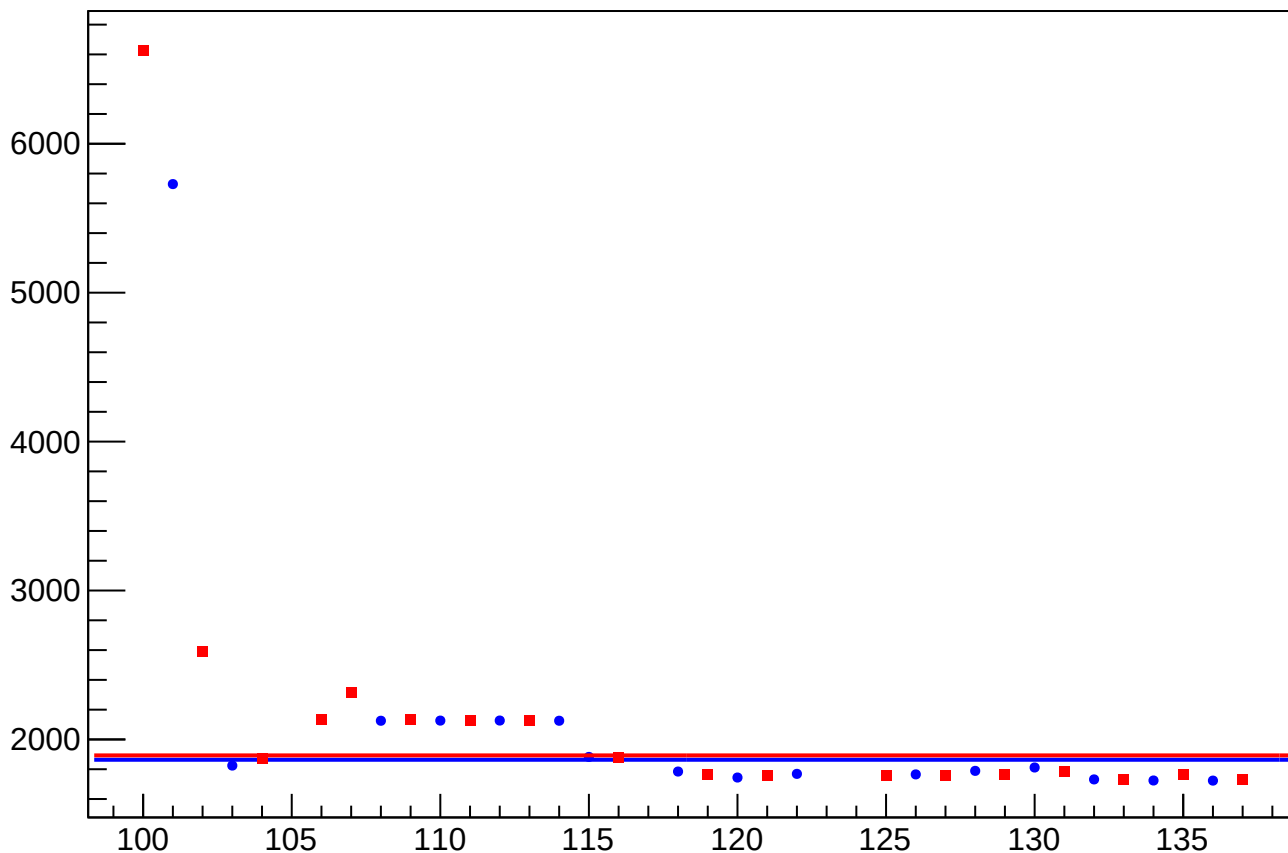
Right: 123.577+/-502.265 χ^2/NDF : 32.2/33

In: -222.980+/-709.150 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.577+/-502.265 χ^2/NDF : 32.2/33

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1863.581+/-0.501 χ^2/NDF : 674665.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1892.866+/-0.503 χ^2/NDF : 251512.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

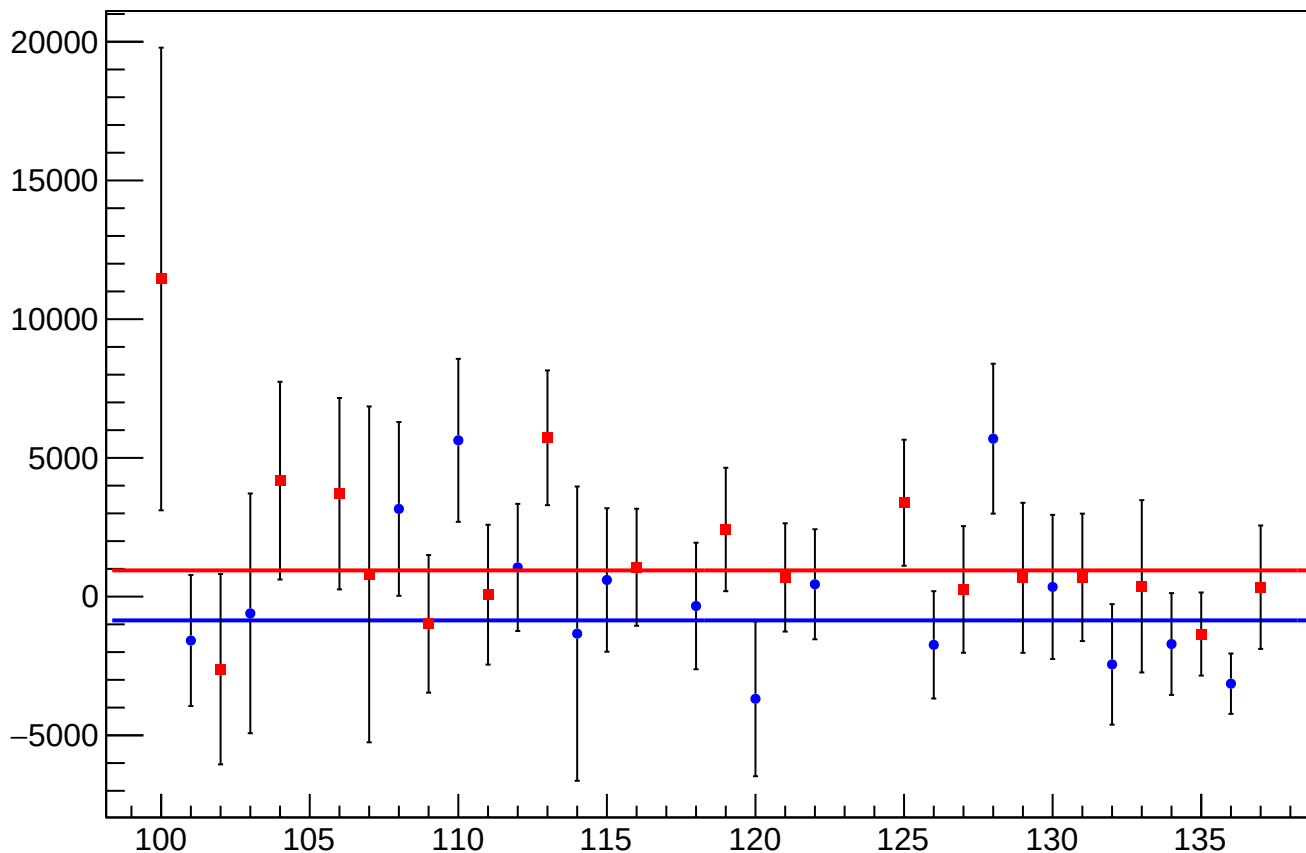
Right: 1878.175+/-0.355 χ^2/NDF : 927878.2/33

In: 1863.581+/-0.501 χ^2/NDF : 674665.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1878.175+/-0.355 χ^2/NDF : 927878.2/33

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -857.294+/-549.791 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.718+/-583.967 χ^2/NDF : 12.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

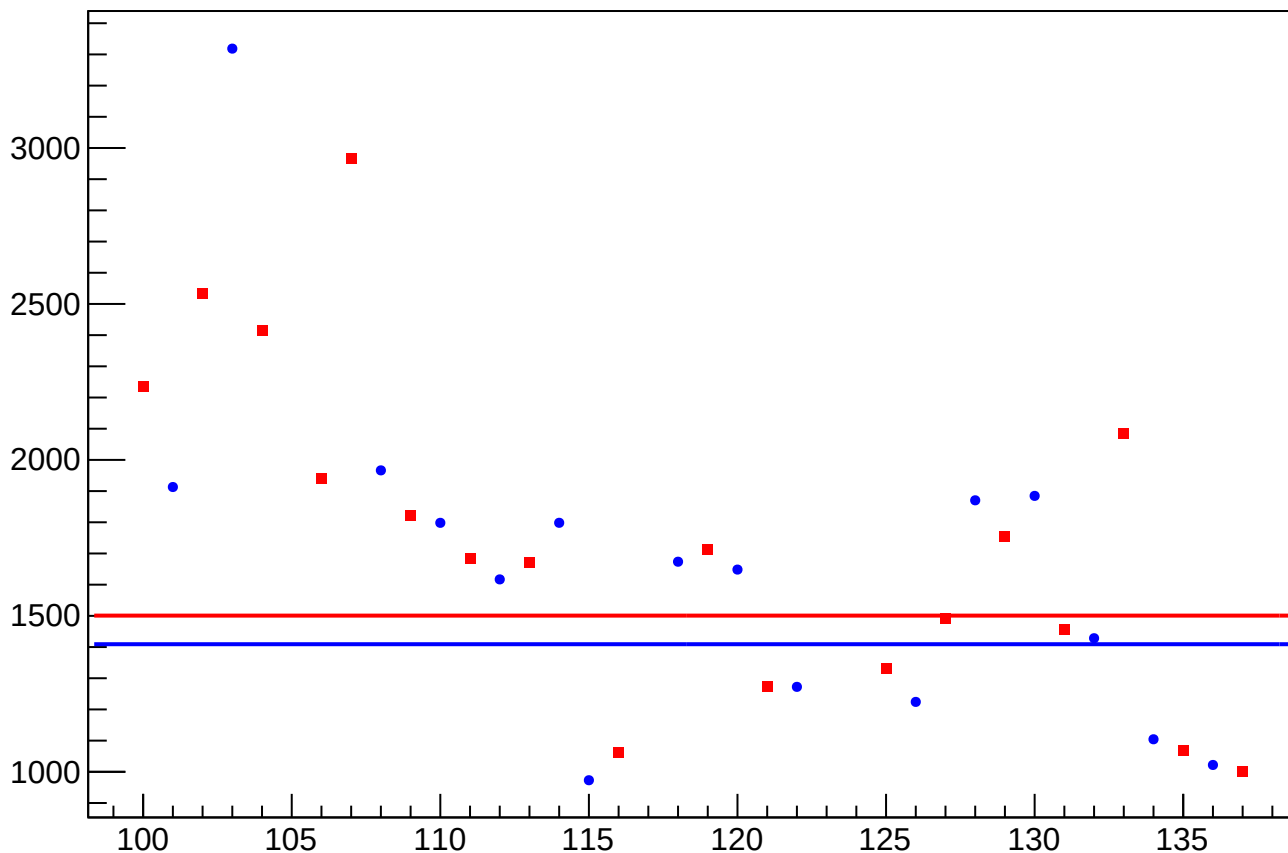
Right: -10.558+/-400.298 χ^2/NDF : 38.6/33

In: -857.294+/-549.791 χ^2/NDF : 20.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.558+/-400.298 χ^2/NDF : 38.6/33

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1409.096+/-0.389 χ^2/NDF : 1167706.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1500.801+/-0.413 χ^2/NDF : 1030768.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

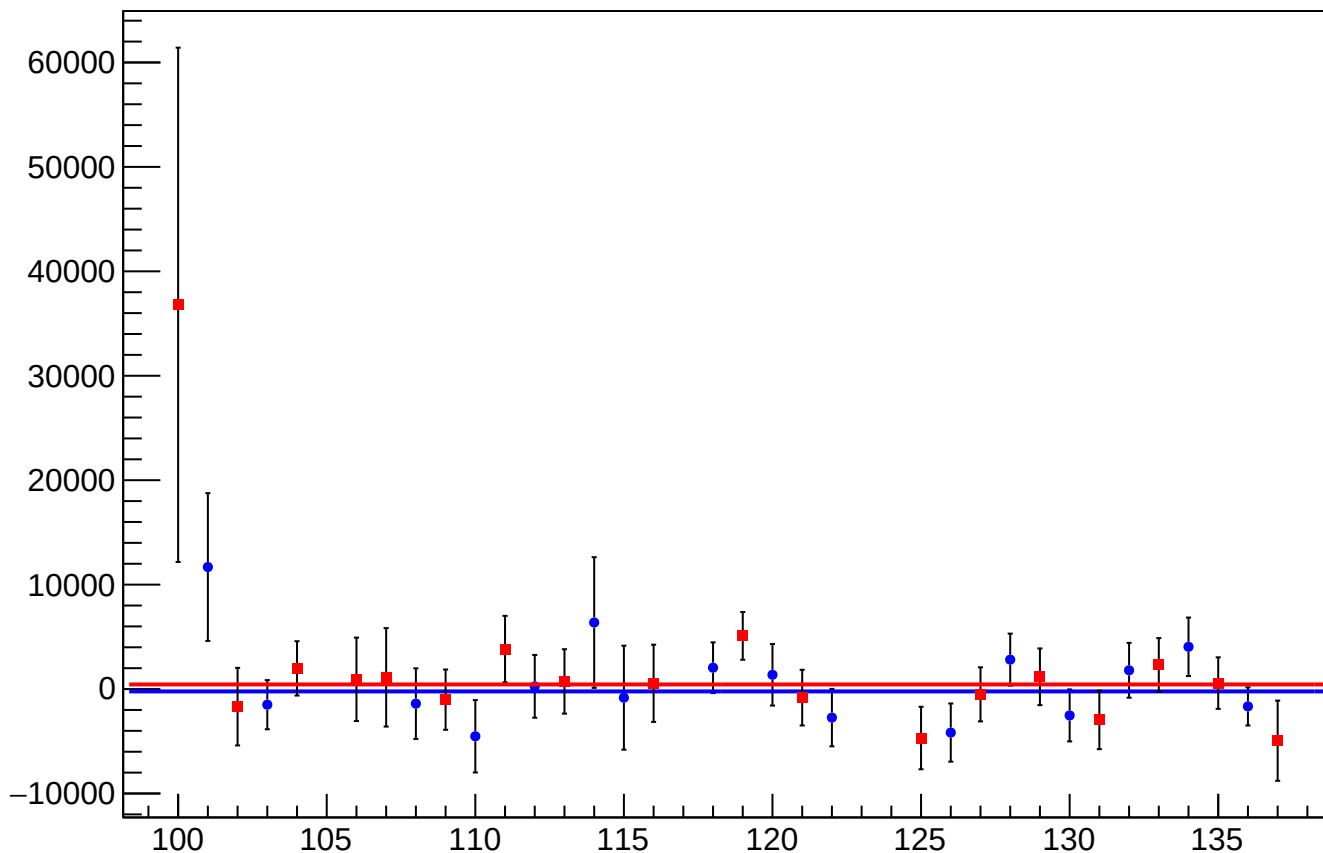
Right: 1452.187+/-0.283 χ^2/NDF : 2224621.1/33

In: 1409.096+/-0.389 χ^2/NDF :1167706.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1452.187+/-0.283 χ^2/NDF : 2224621.1/33

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -223.754 ± 709.151 $\chi^2/\text{NDF}: 15.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 443.022 ± 713.098 $\chi^2/\text{NDF}: 15.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

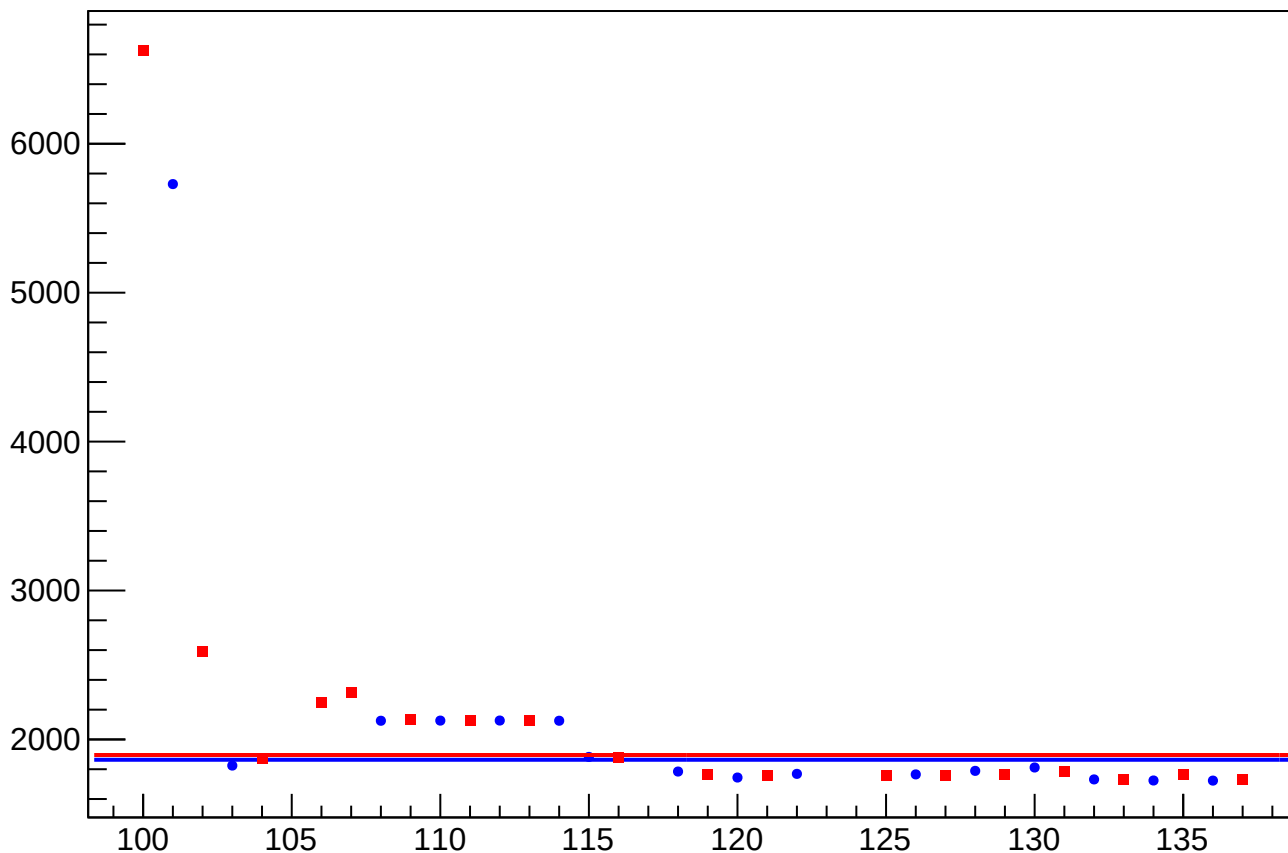
Right: 107.783 ± 502.835 $\chi^2/\text{NDF}: 32.0/33$

In: -223.754 ± 709.151 $\chi^2/\text{NDF}: 15.8/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 107.783 ± 502.835 $\chi^2/\text{NDF}: 32.0/33$

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.491+/-0.504 χ^2/NDF : 259171.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

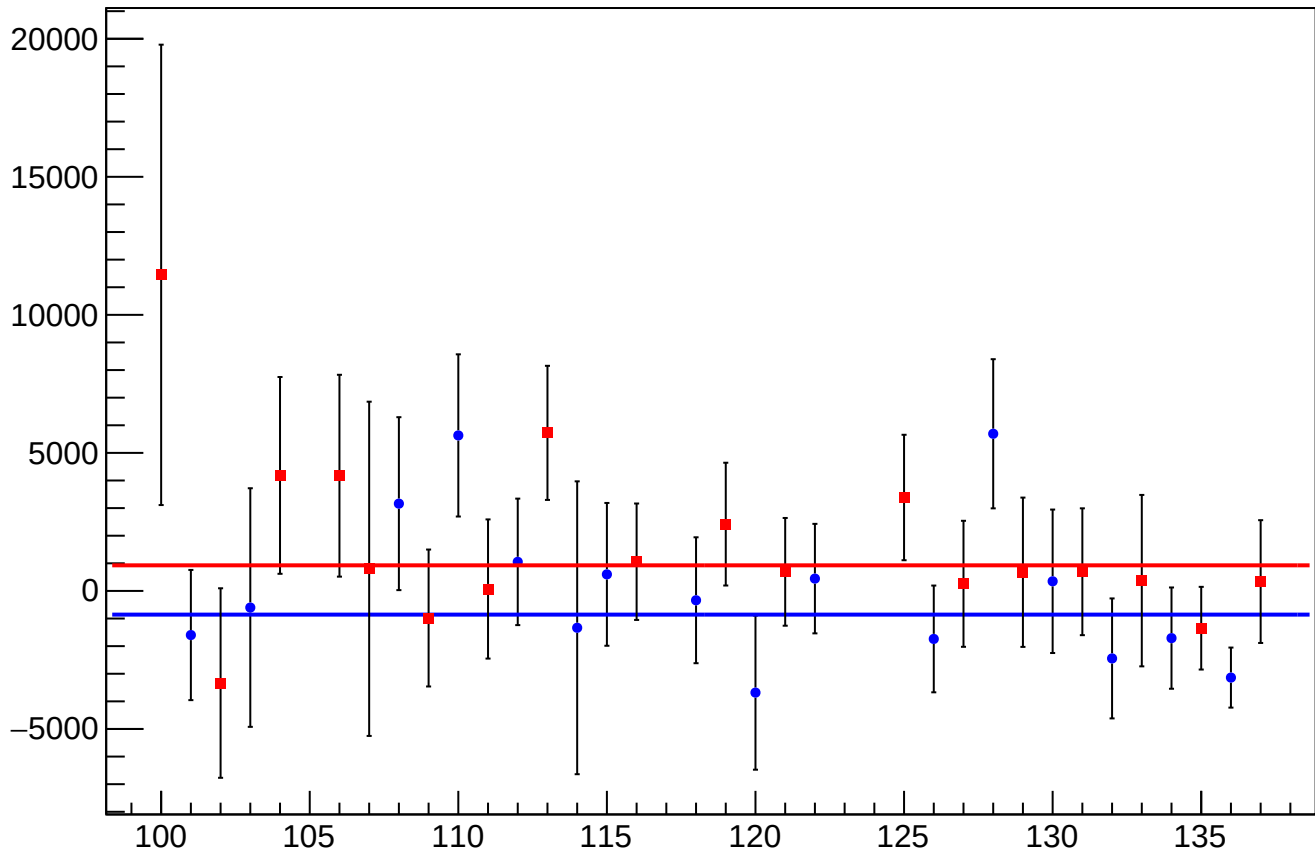
Right: 1879.447+/-0.356 χ^2/NDF : 935850.8/33

In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.447+/-0.356 χ^2/NDF : 935850.8/33

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -858.115+/-549.748 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 927.191+/-584.886 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

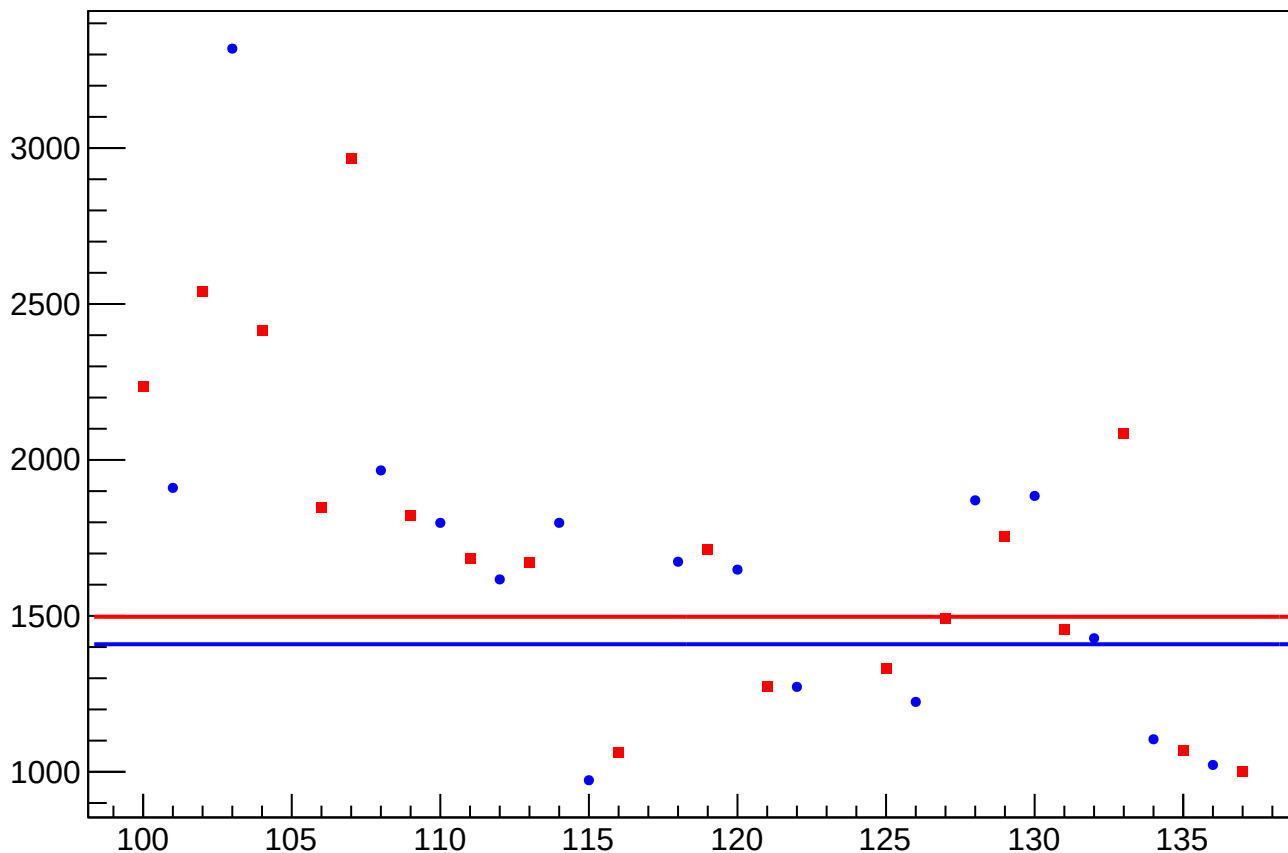
Right: -20.697+/-400.577 χ^2/NDF : 39.1/33

In: -858.115+/-549.748 χ^2/NDF :20.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.697+/-400.577 χ^2/NDF : 39.1/33

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.149+/-0.414 χ^2/NDF : 1018123.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

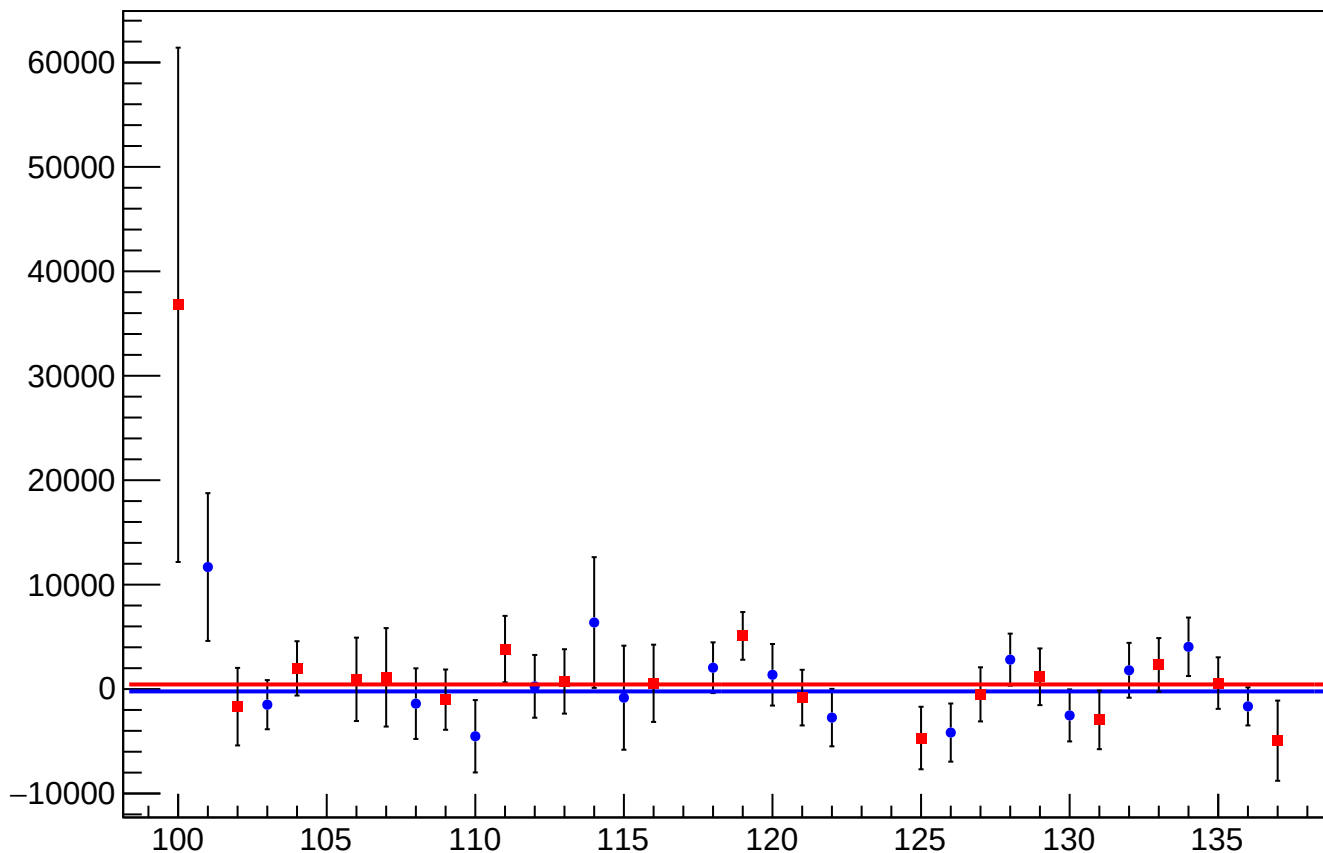
Right: 1450.357+/-0.283 χ^2/NDF : 2209298.3/33

In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.357+/-0.283 χ^2/NDF : 2209298.3/33

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -223.754+/-709.151 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.022+/-713.098 χ^2/NDF : 15.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

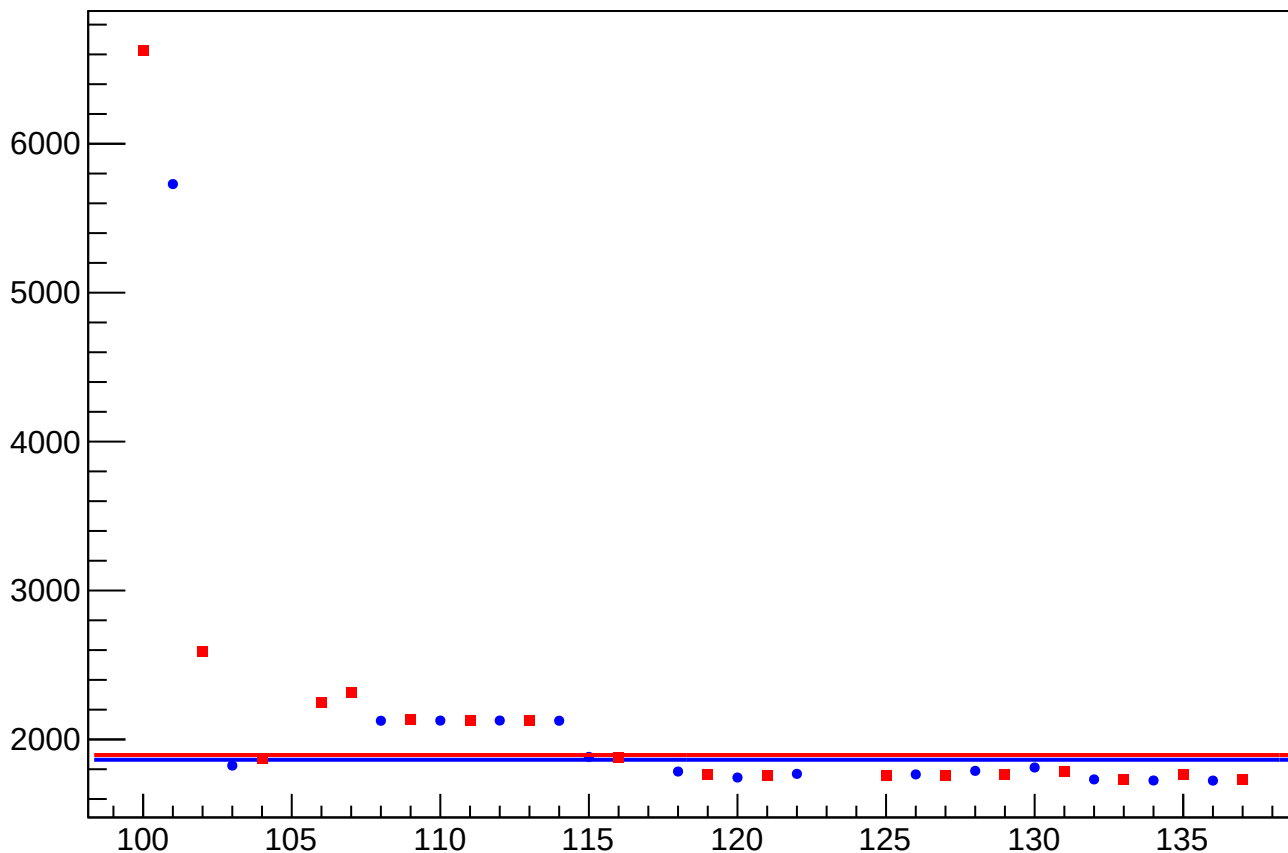
Right: 107.783+/-502.835 χ^2/NDF : 32.0/33

In: -223.754+/-709.151 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.783+/-502.835 χ^2/NDF : 32.0/33

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1895.491+/-0.504 χ^2/NDF : 259171.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

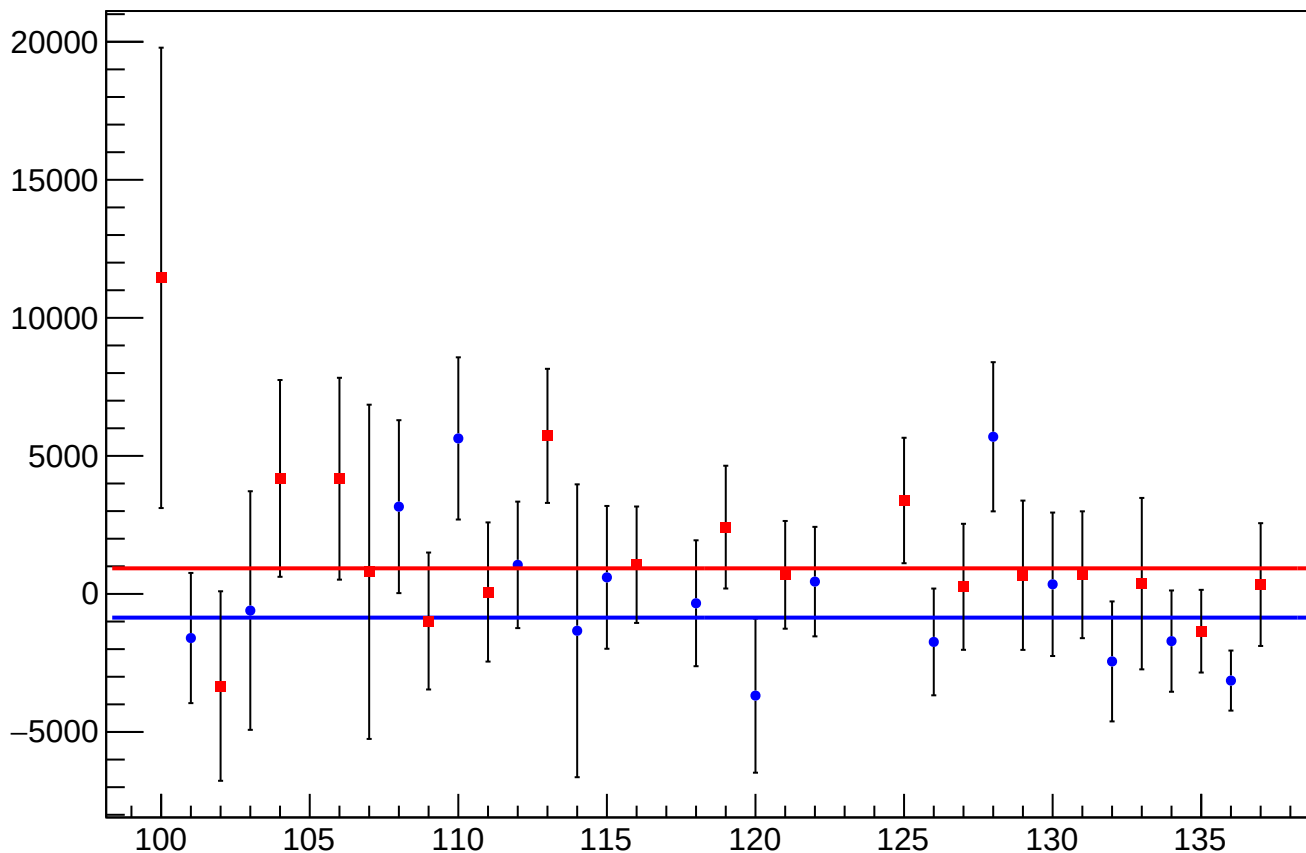
Right: 1879.447+/-0.356 χ^2/NDF : 935850.8/33

In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1879.447+/-0.356 χ^2/NDF : 935850.8/33

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -858.115+/-549.748 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 927.191+/-584.886 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

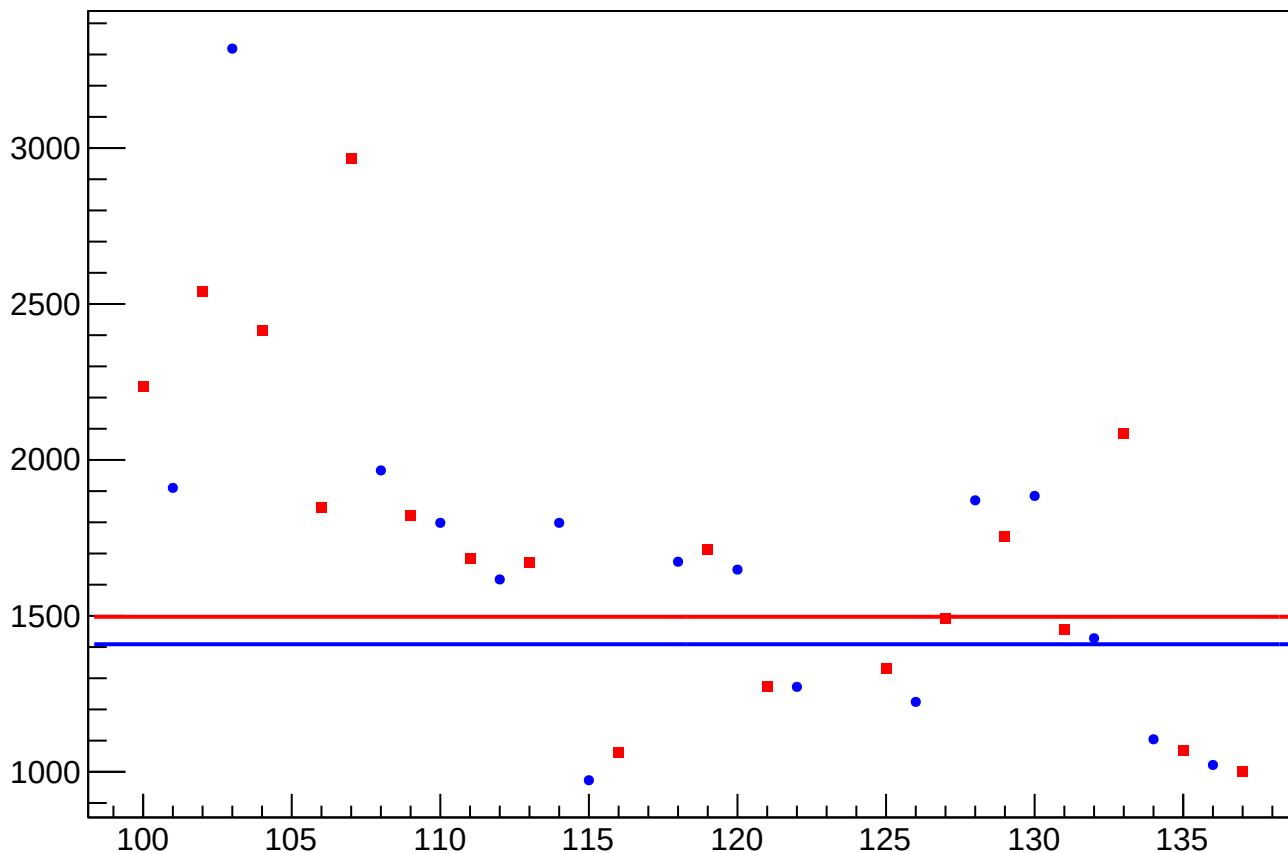
Right: -20.697+/-400.577 χ^2/NDF : 39.1/33

In: -858.115+/-549.748 χ^2/NDF :20.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.697+/-400.577 χ^2/NDF : 39.1/33

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.149+/-0.414 χ^2/NDF : 1018123.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

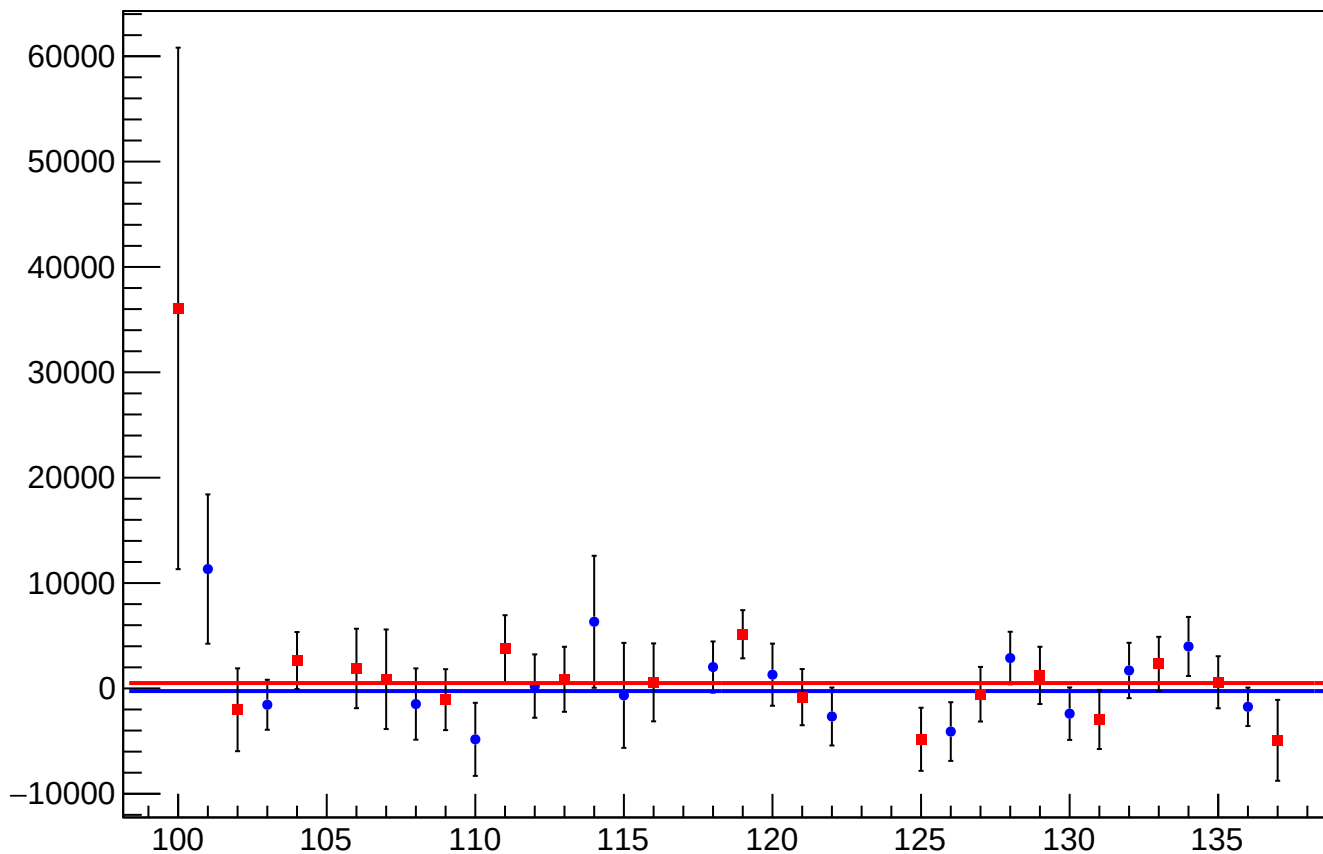
Right: 1450.357+/-0.283 χ^2/NDF : 2209298.3/33

In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1450.357+/-0.283 χ^2/NDF : 2209298.3/33

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.024+/-709.973 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.117+/-715.442 χ^2/NDF : 16.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

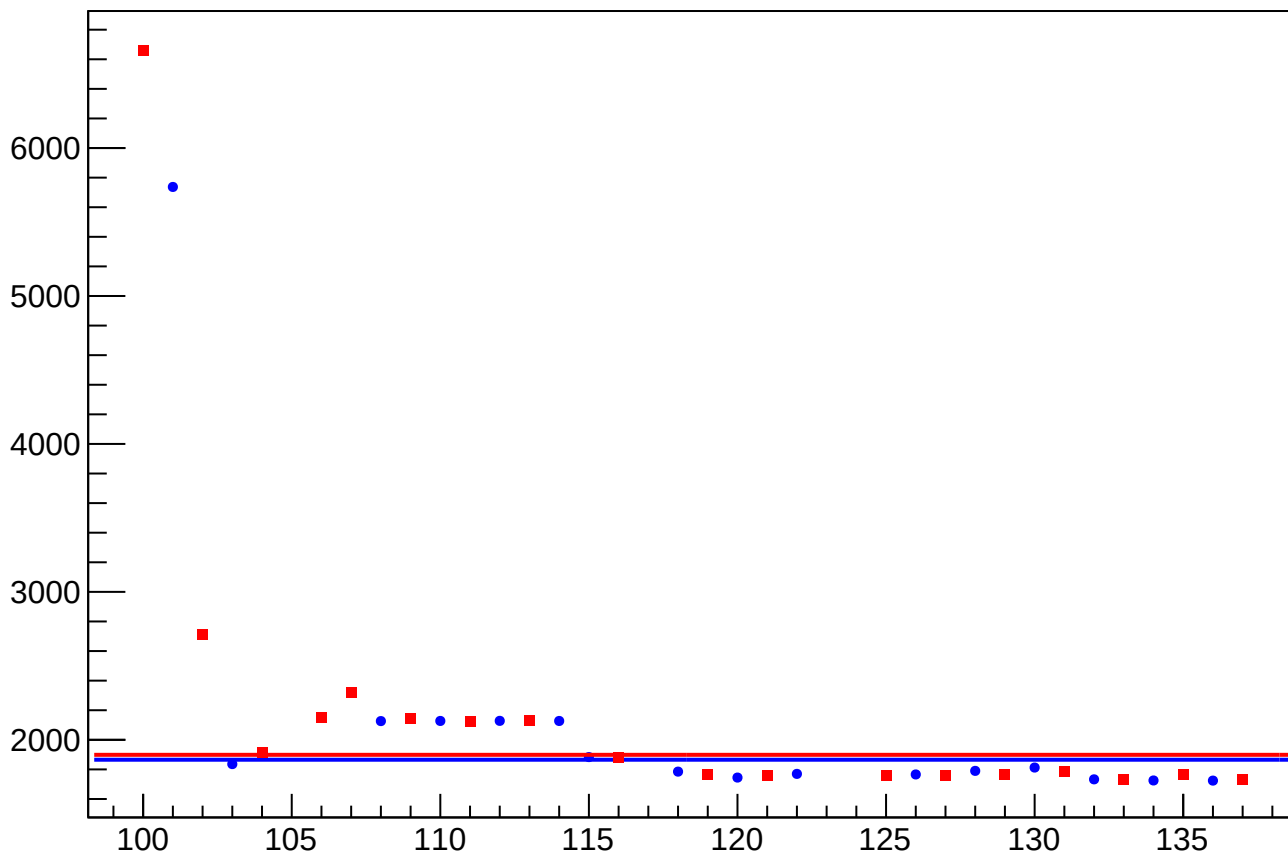
Right: 126.122+/-503.949 χ^2/NDF : 32.6/33

In: -252.024+/-709.973 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.122+/-503.949 χ^2/NDF : 32.6/33

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1898.603+/-0.506 χ^2/NDF : 269110.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

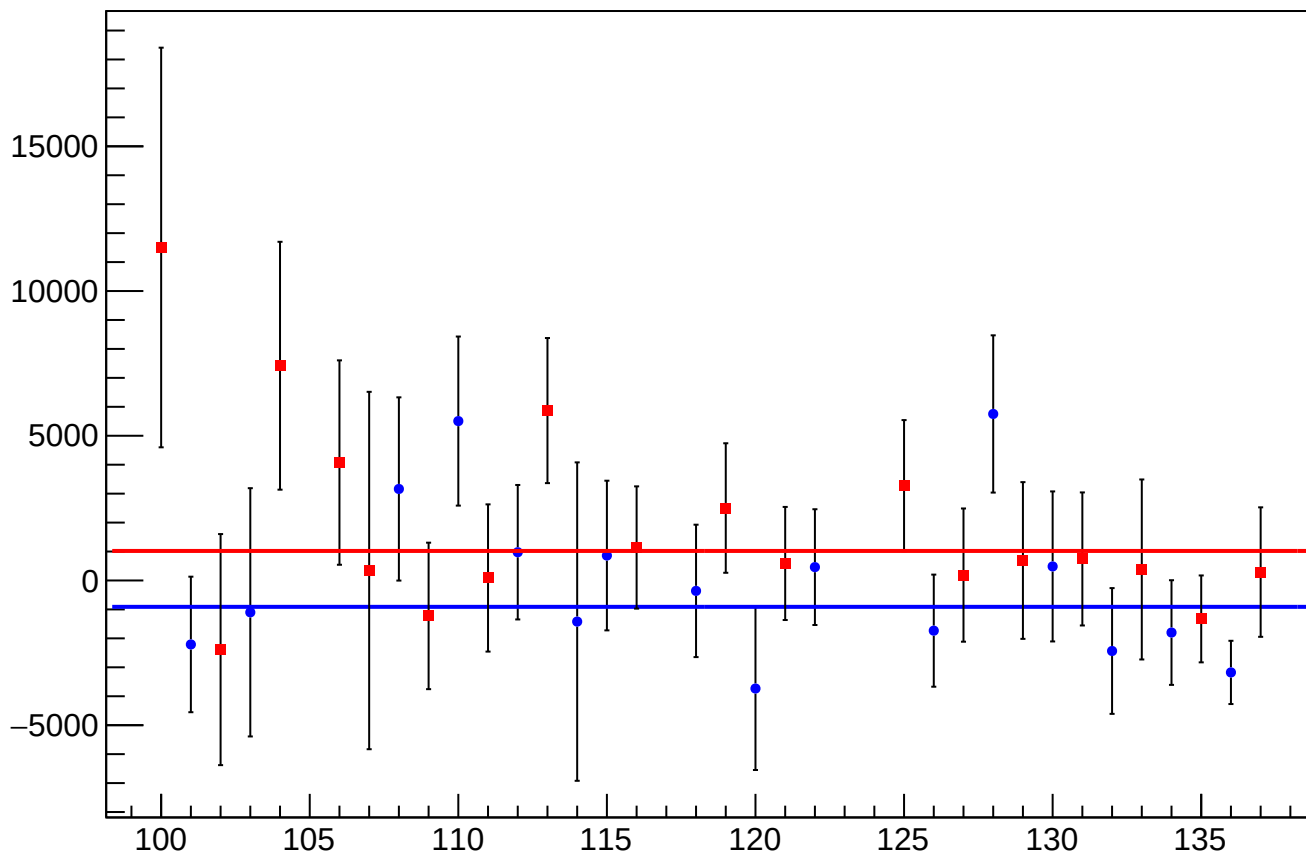
Right: 1881.894+/-0.356 χ^2/NDF : 946264.8/33

In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.894+/-0.356 χ^2/NDF : 946264.8/33

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.955+/-550.836 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.124+/-591.600 χ^2/NDF : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

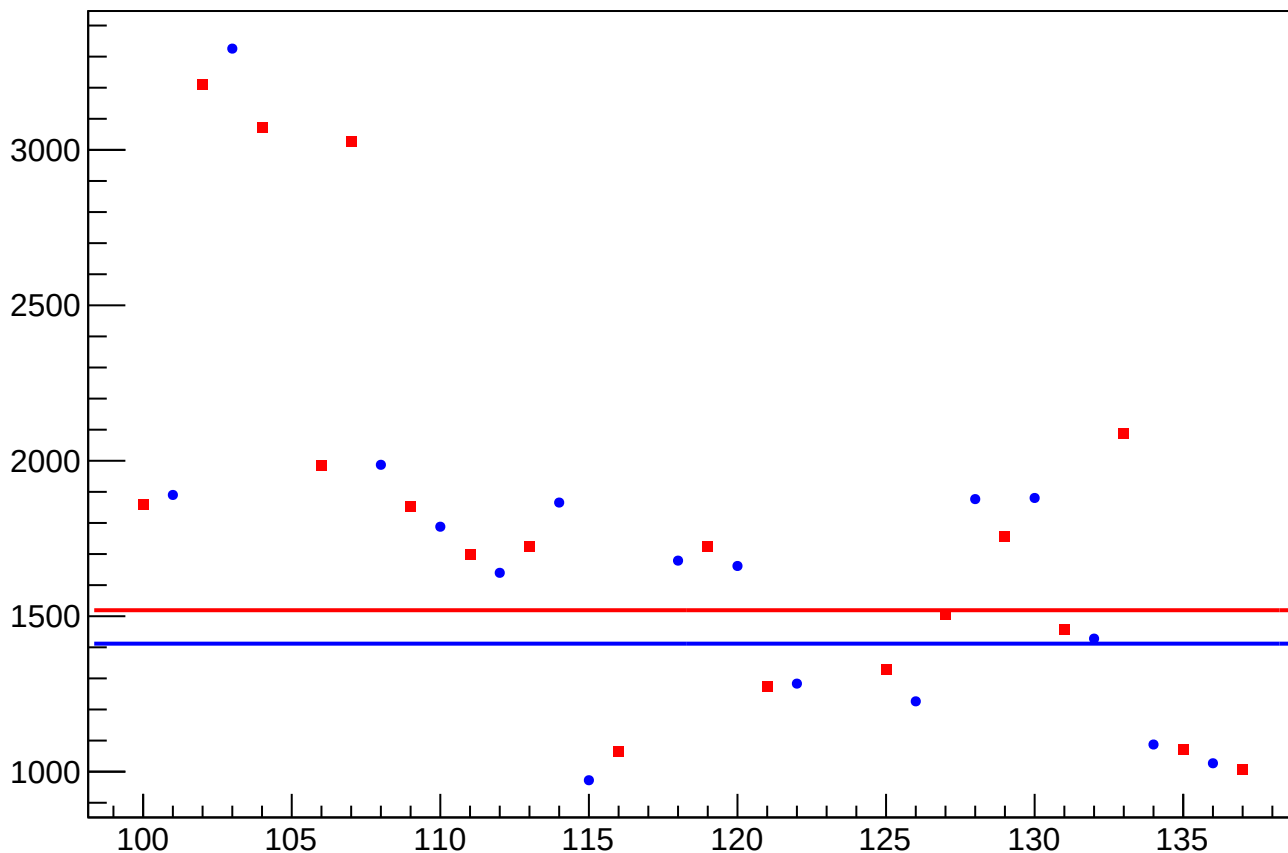
Right: -14.232+/-403.141 χ^2/NDF : 41.6/33

In: -910.955+/-550.836 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.232+/-403.141 χ^2/NDF : 41.6/33

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1411.748+/-0.389 χ^2/NDF : 1177745.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1519.305+/-0.418 χ^2/NDF : 1360145.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

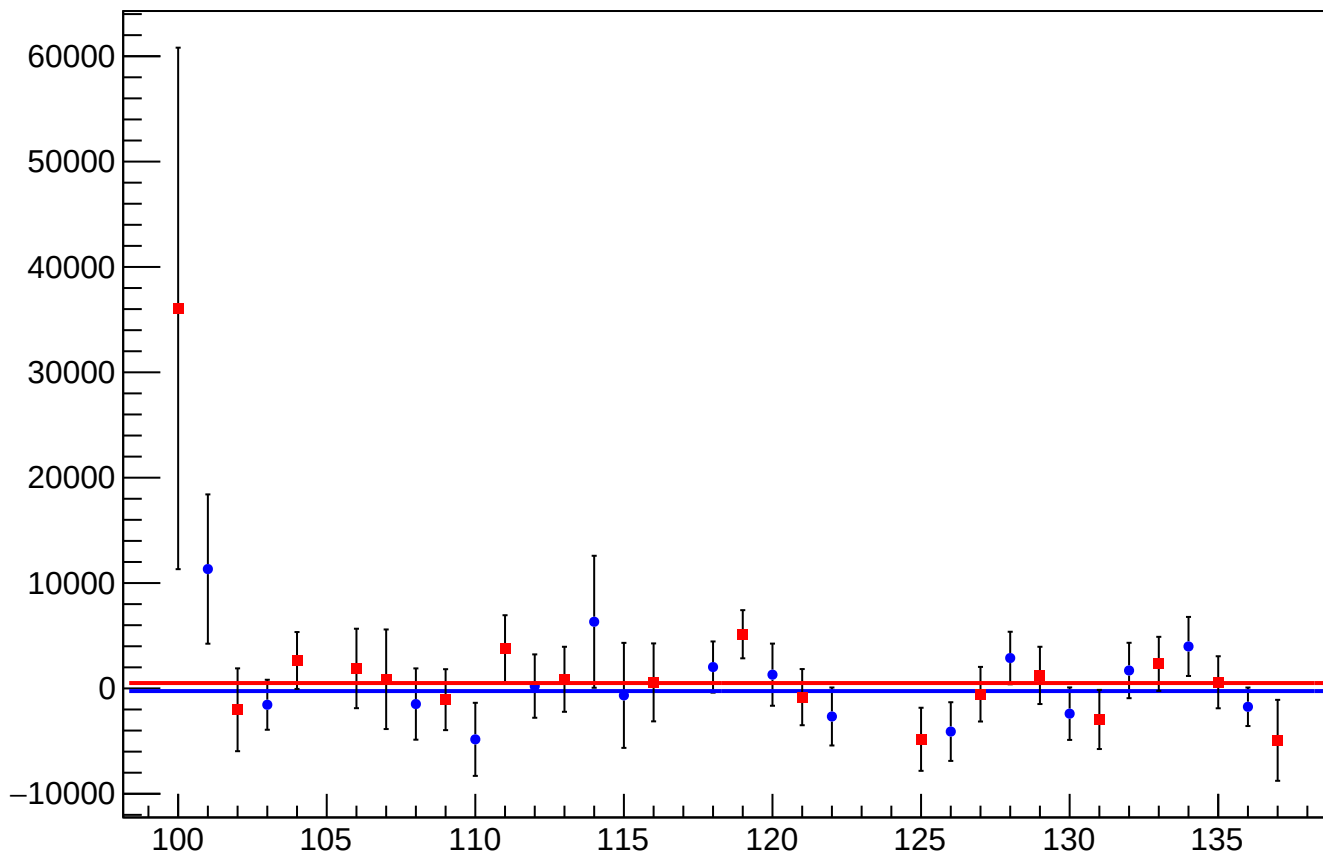
Right: 1461.694+/-0.285 χ^2/NDF : 2573300.6/33

In: 1411.748+/-0.389 χ^2/NDF : 1177745.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1461.694+/-0.285 χ^2/NDF : 2573300.6/33

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: -252.023+/-709.973 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 510.117+/-715.442 χ^2/NDF : 16.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

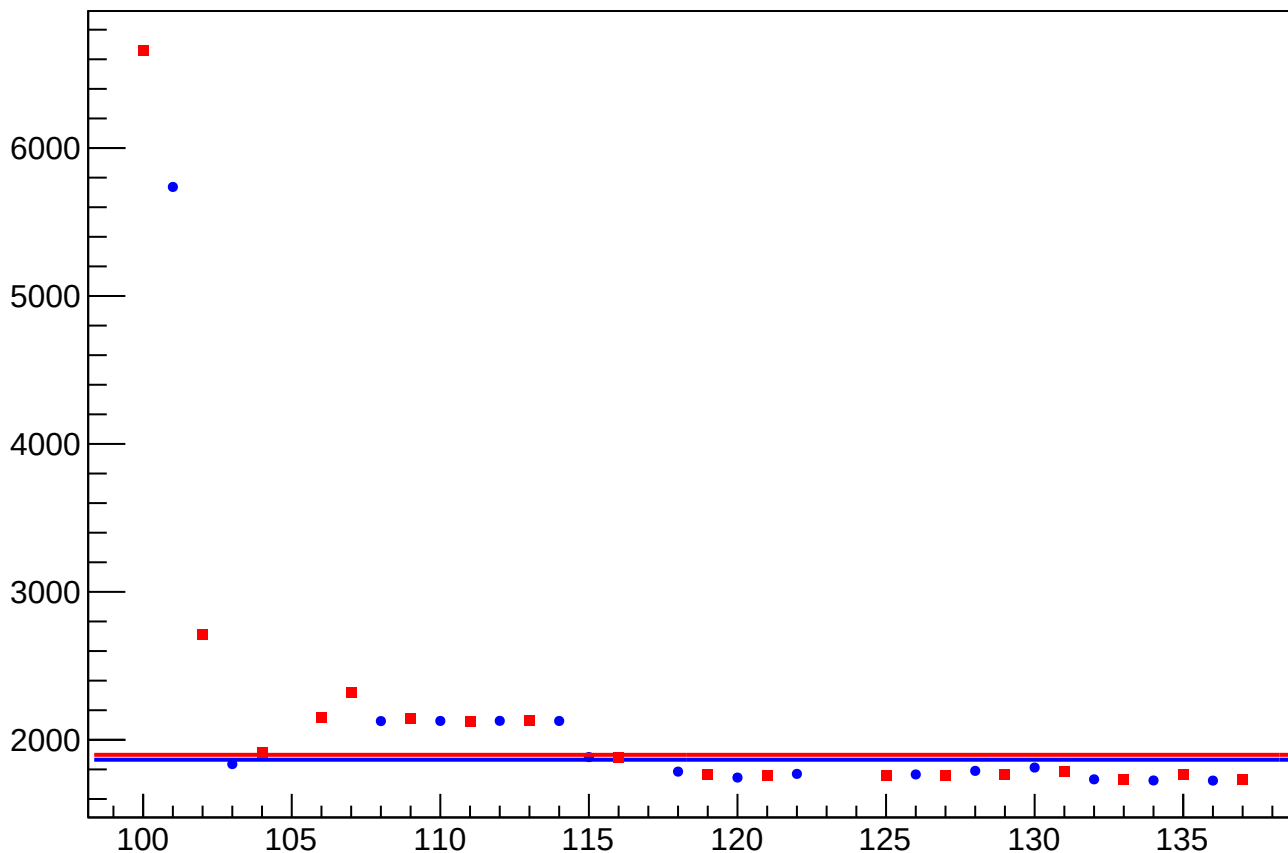
Right: 126.122+/-503.949 χ^2/NDF : 32.6/33

In: -252.023+/-709.973 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 126.122+/-503.949 χ^2/NDF : 32.6/33

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1898.603+/-0.506 χ^2/NDF : 269109.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

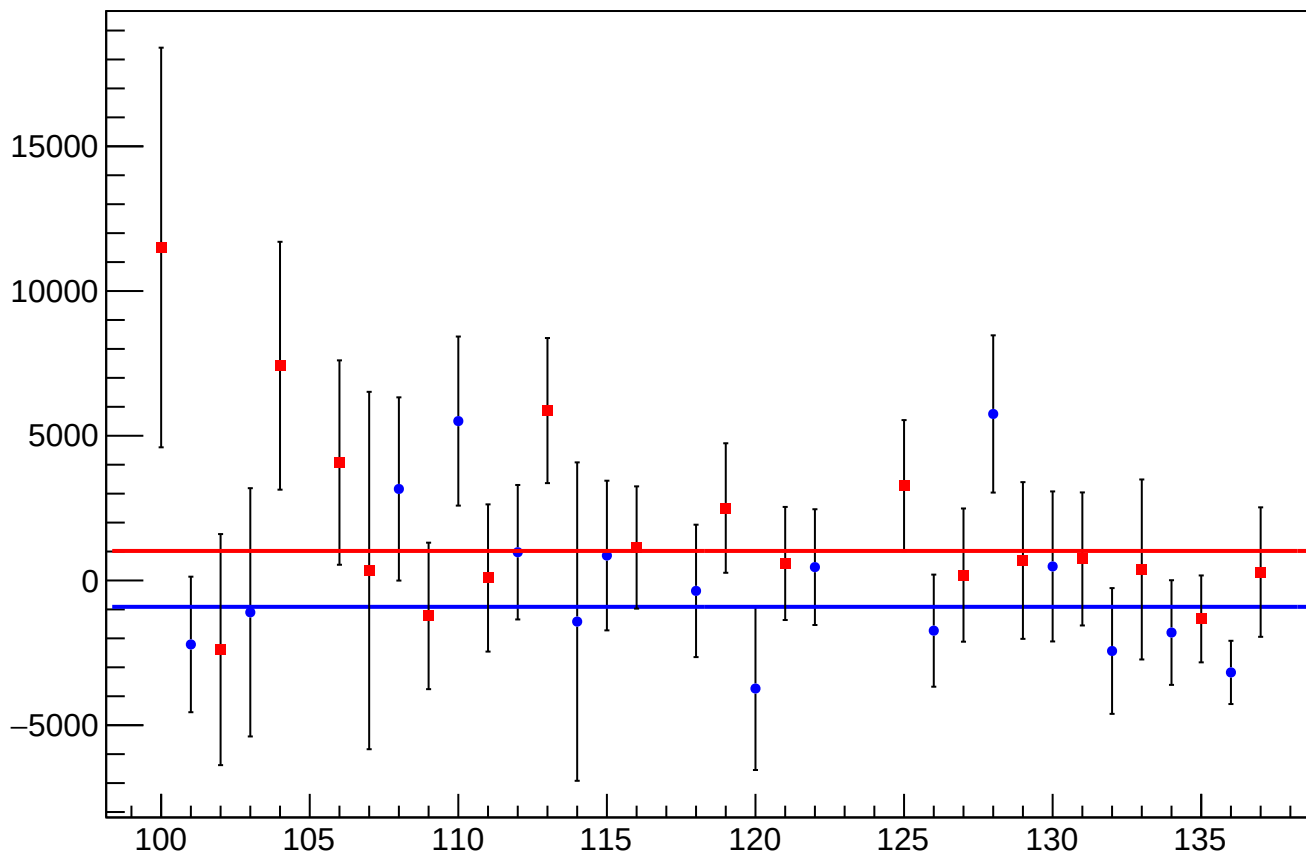
Right: 1881.894+/-0.356 χ^2/NDF : 946264.6/33

In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.894+/-0.356 χ^2/NDF : 946264.6/33

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -910.950+/-550.835 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1020.123+/-591.599 χ^2/NDF : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

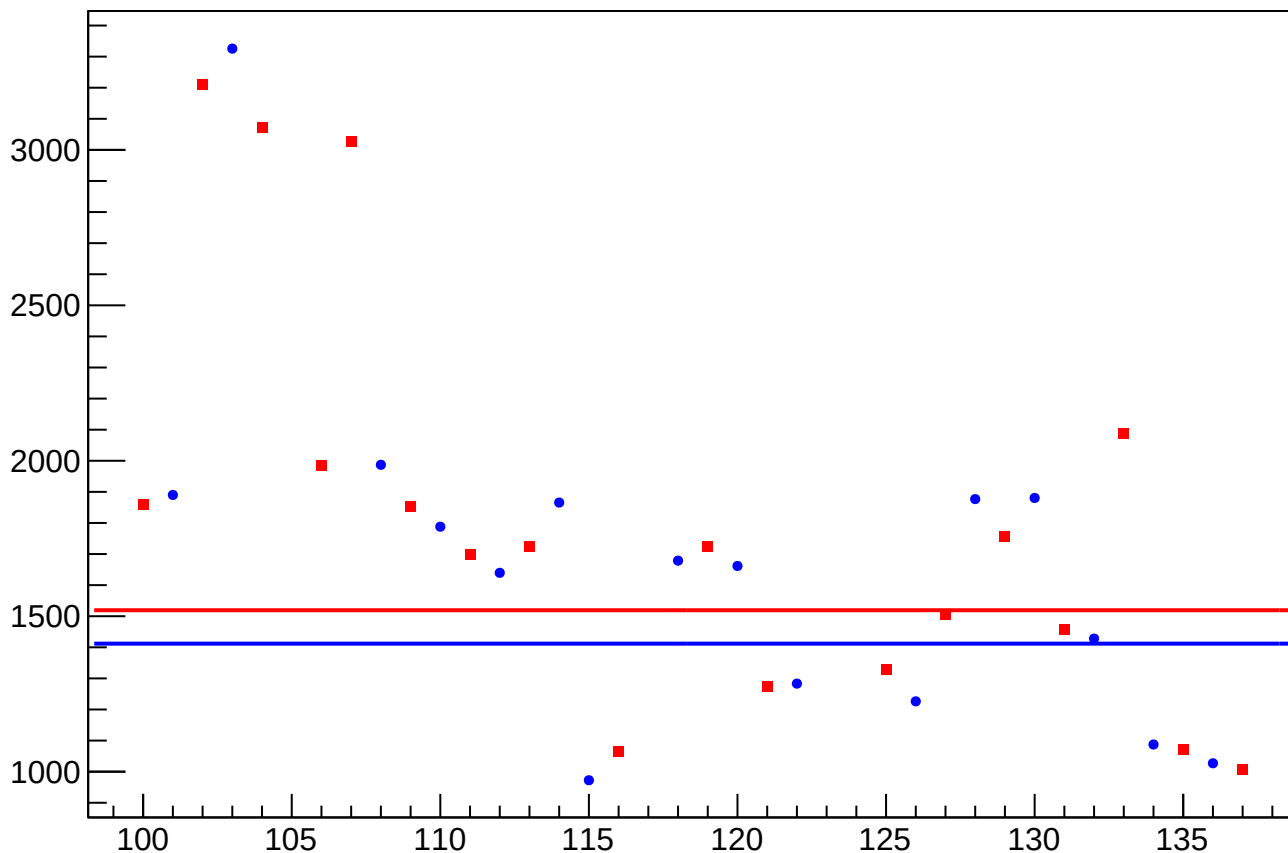
Right: -14.230+/-403.141 χ^2/NDF : 41.6/33

In: -910.950+/-550.835 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.230+/-403.141 χ^2/NDF : 41.6/33

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1411.745+/-0.389 χ^2/NDF : 1177746.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1519.302+/-0.418 χ^2/NDF : 1360150.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

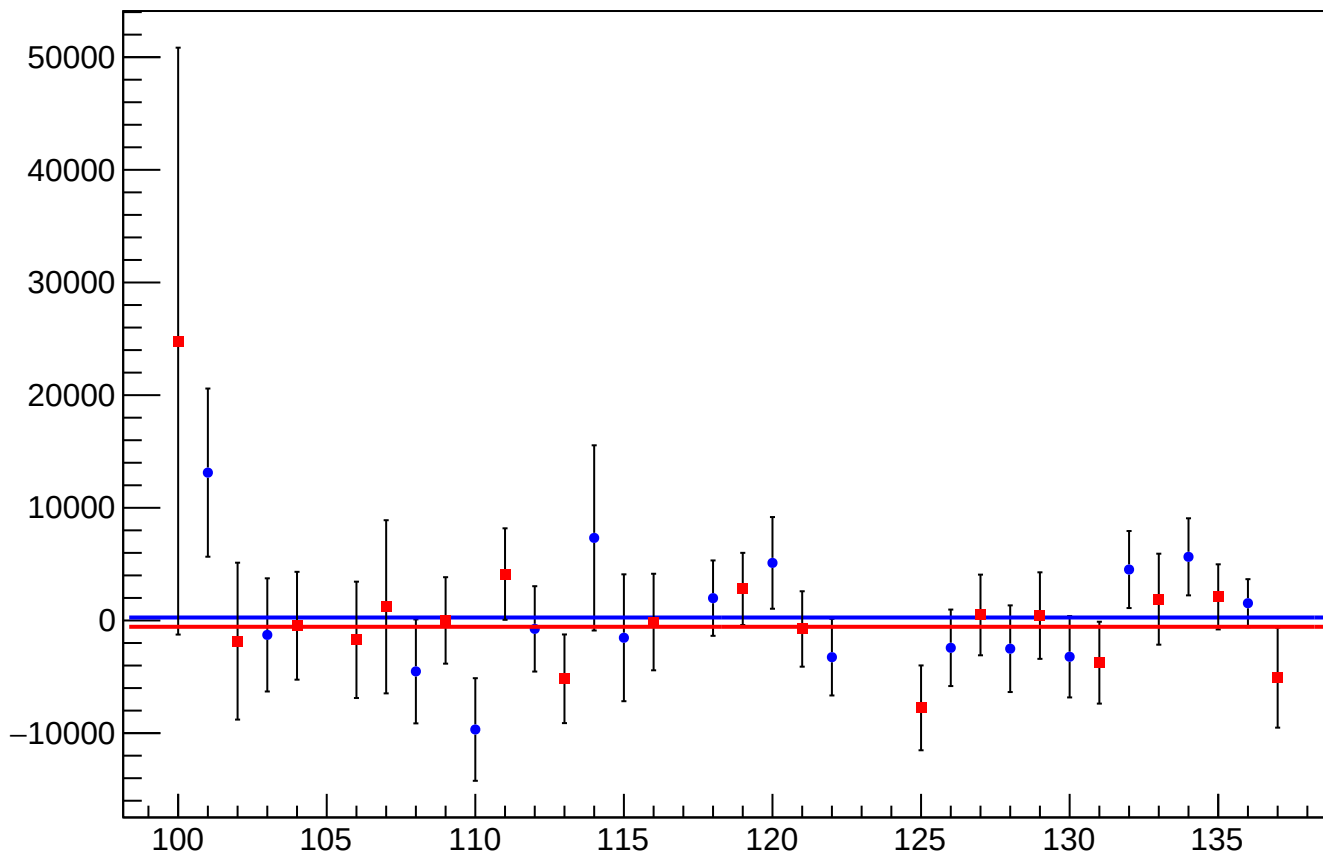
Right: 1461.691+/-0.285 χ^2/NDF : 2573306.2/33

In: 1411.745+/-0.389 χ^2/NDF : 1177746.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1461.691+/-0.285 χ^2/NDF : 2573306.2/33

asym_us_dd_at1lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 264.383+/-941.979 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -560.962+/-962.943 χ^2/NDF : 11.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

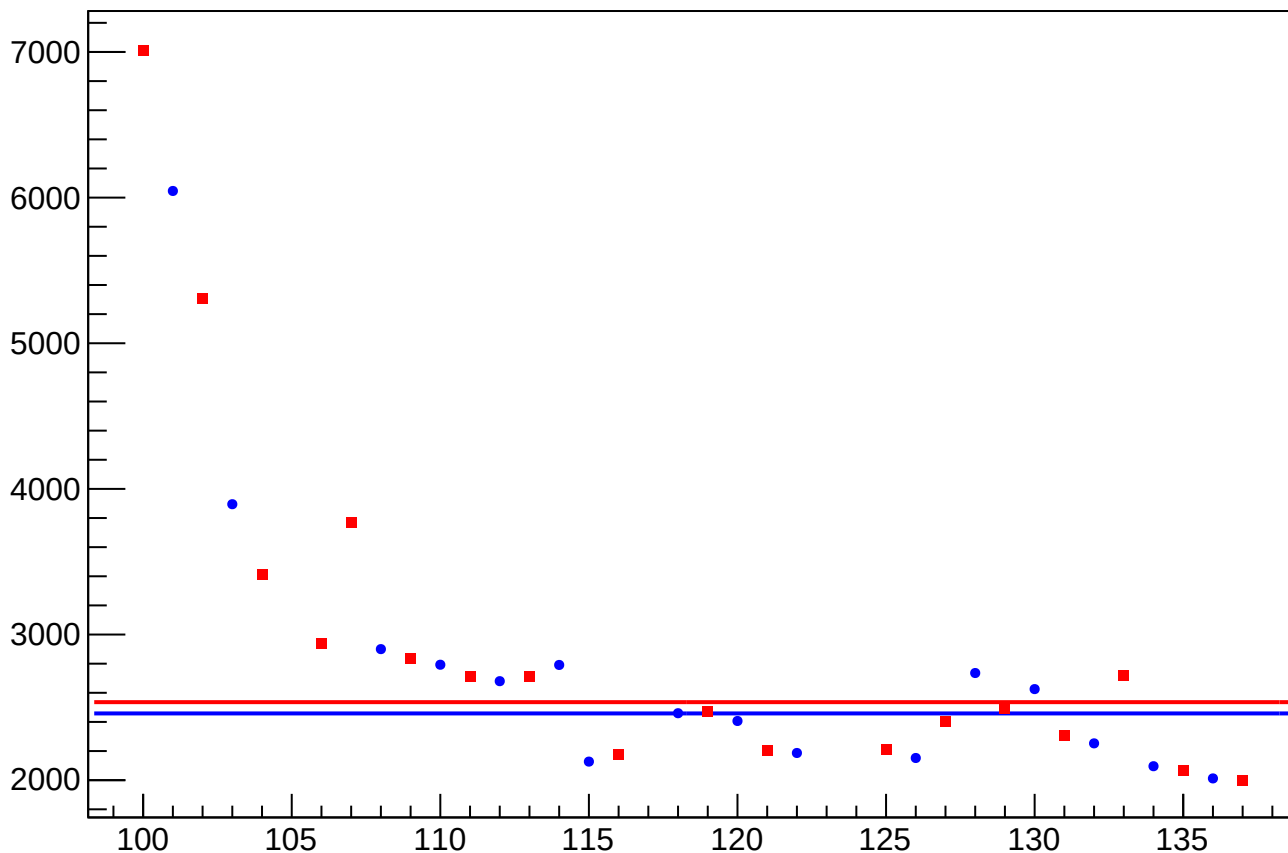
Right: -139.208+/-673.369 χ^2/NDF : 31.2/33

In: 264.383+/-941.979 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -139.208+/-673.369 χ^2/NDF : 31.2/33

asym_us_dd_at1lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 2458.332+/-0.666 χ^2/NDF : 832888.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2535.782+/-0.681 χ^2/NDF : 673337.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

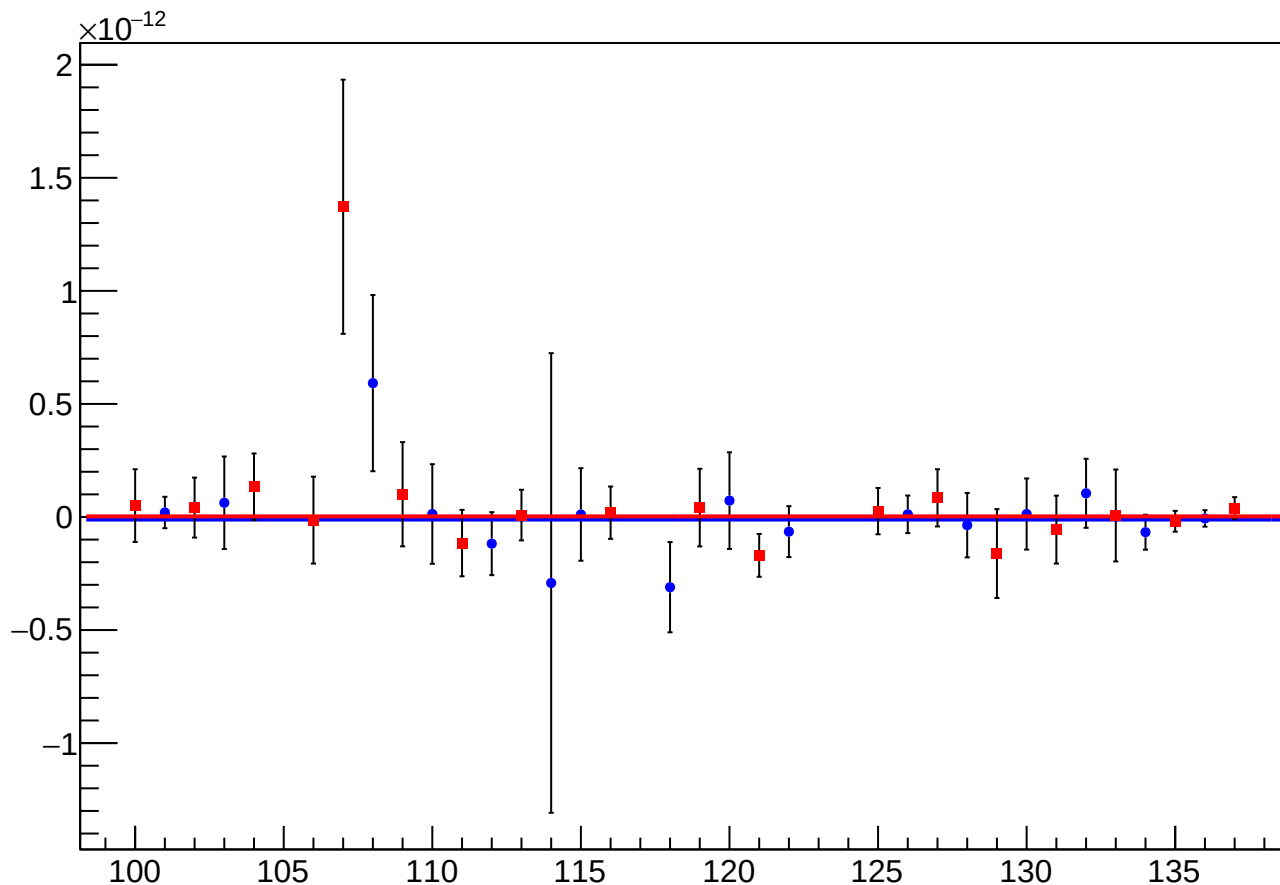
Right: 2496.205+/-0.476 χ^2/NDF : 1512837.3/33

In: 2458.332+/-0.666 χ^2/NDF : 832888.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2496.205+/-0.476 χ^2/NDF : 1512837.3/33

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

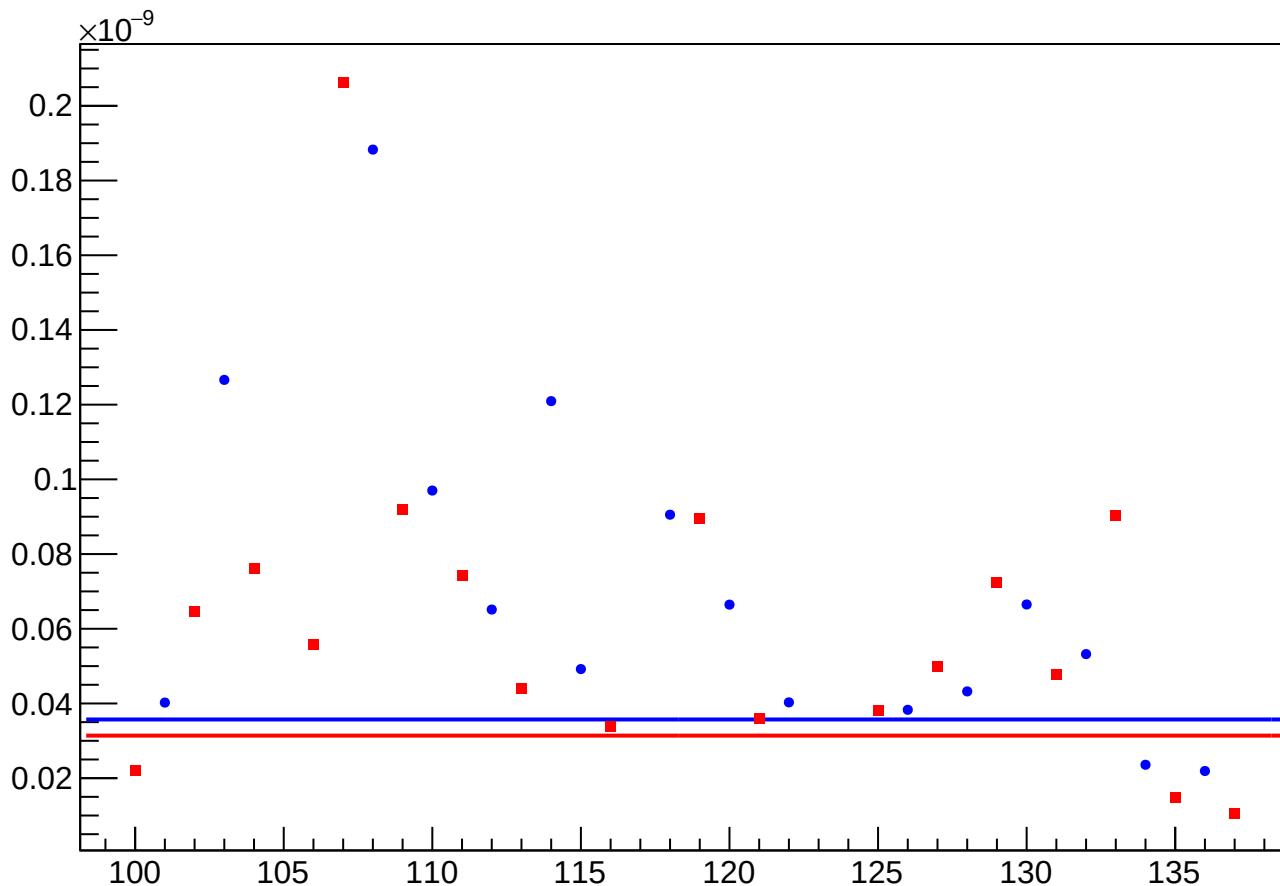
Right: -0.000+/-0.000 χ^2/NDF : 20.7/33

In: -0.000+/-0.000 χ^2/NDF : 7.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.7/33

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1620217.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2068272.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

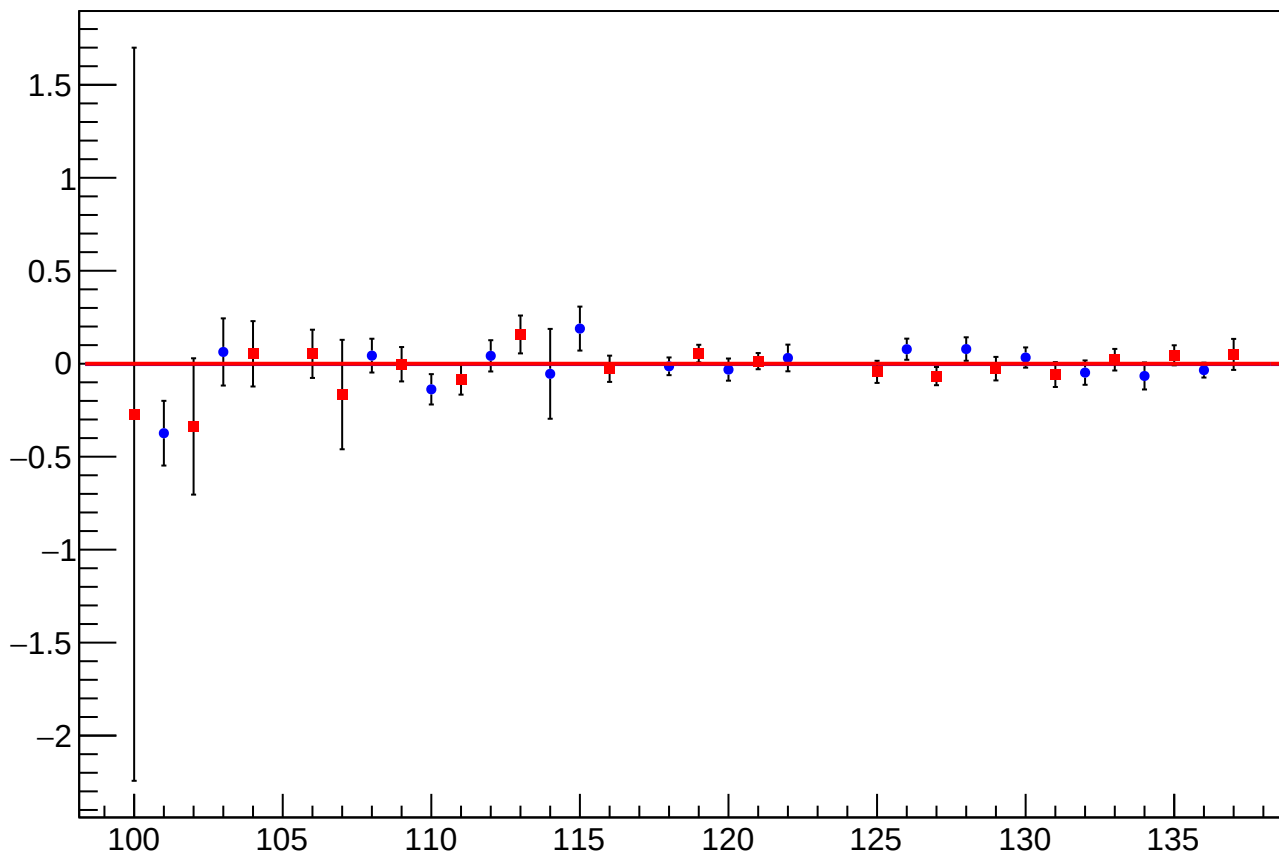
Right: 0.000+/-0.000 χ^2/NDF : 3719751.0/33

In: 0.000+/-0.000 χ^2/NDF : 1620217.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3719751.0/33

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.017 χ^2 /NDF: 17.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.017 χ^2 /NDF: 10.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

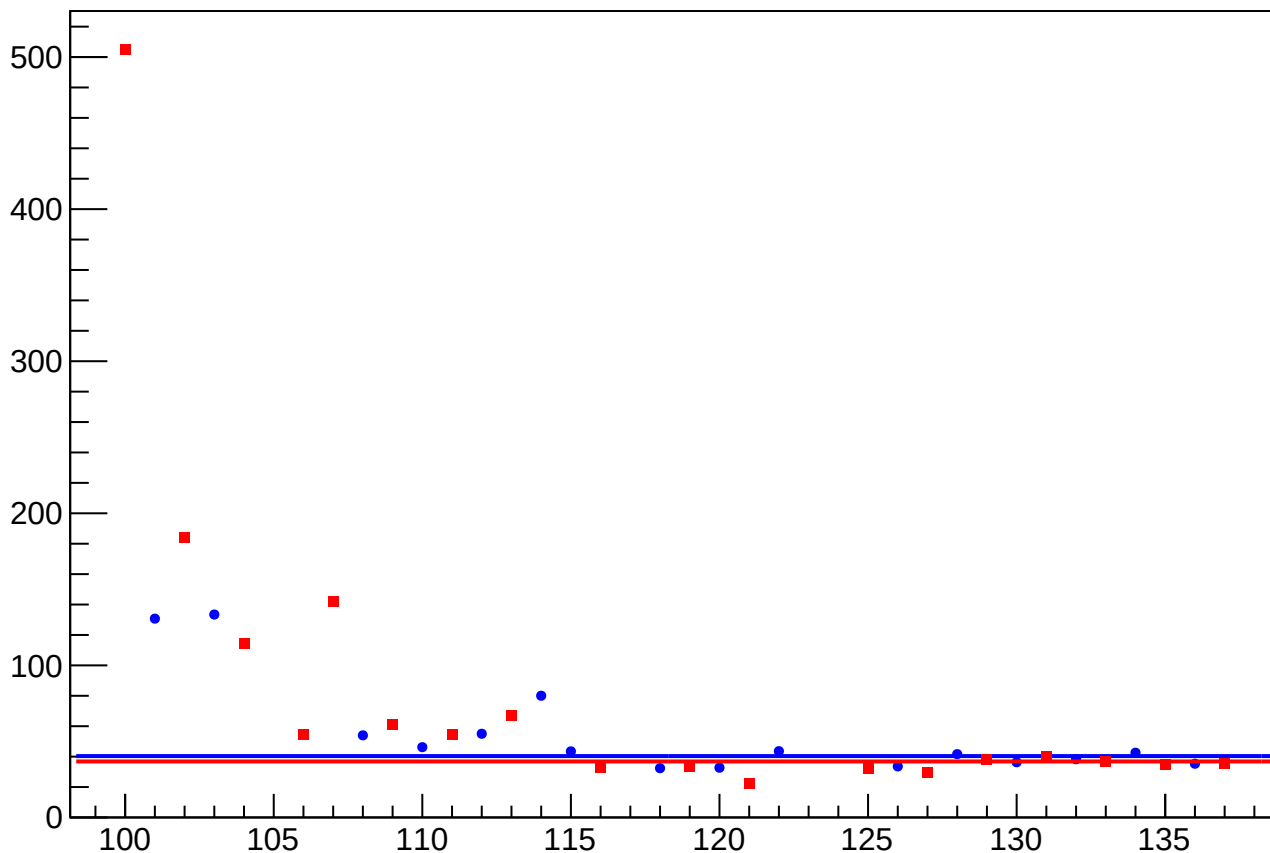
Right: -0.001 $\pm$ 0.012 χ^2 /NDF: 28.0/33

In: -0.002 $\pm$ 0.017 χ^2 /NDF:17.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.012 χ^2 /NDF: 28.0/33

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.825+/-0.012 χ^2/NDF : 1837124.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

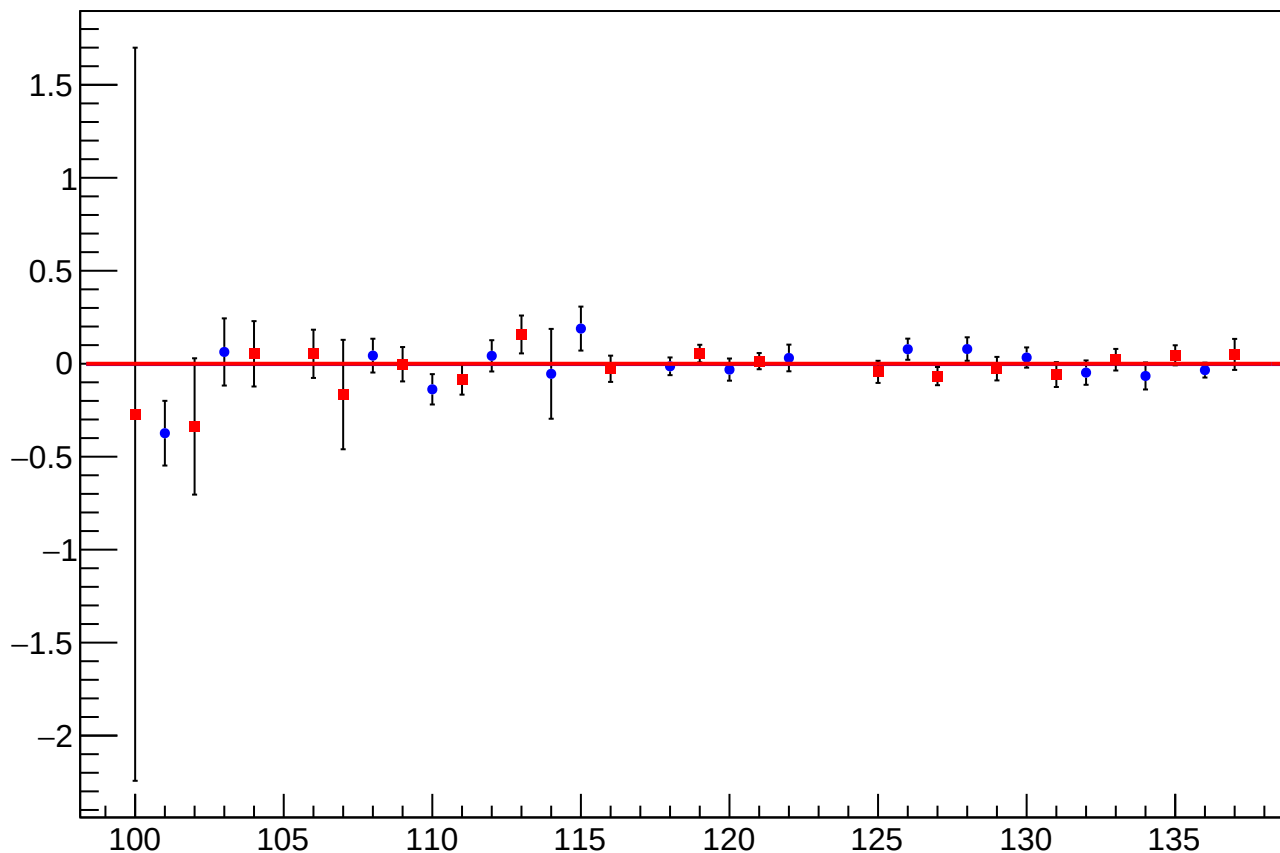
Right: 38.545+/-0.008 χ^2/NDF : 3290942.4/33

In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.545+/-0.008 χ^2/NDF : 3290942.4/33

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.017 χ^2 /NDF: 17.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.017 χ^2 /NDF: 10.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

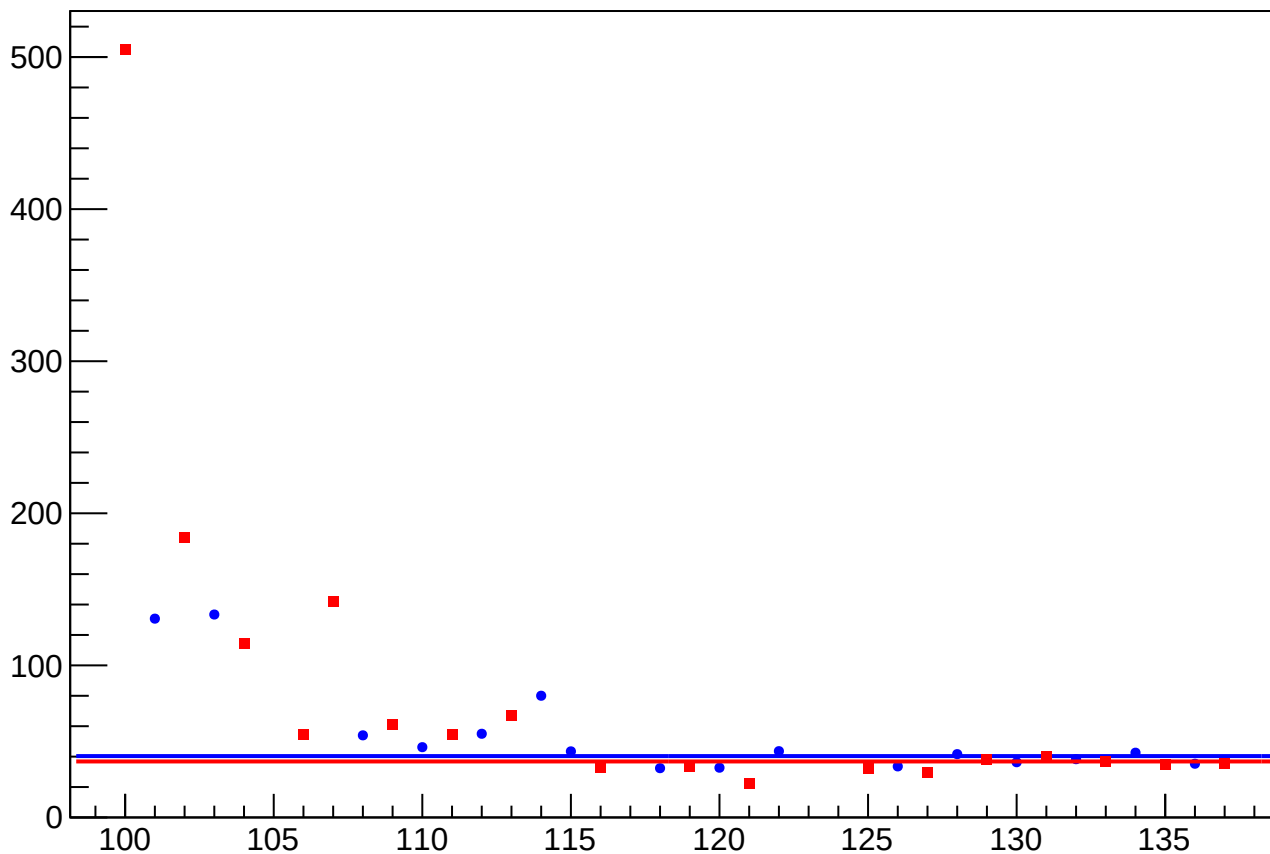
Right: -0.001 $\pm$ 0.012 χ^2 /NDF: 28.0/33

In: -0.002 $\pm$ 0.017 χ^2 /NDF:17.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.012 χ^2 /NDF: 28.0/33

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.825+/-0.012 χ^2/NDF : 1837124.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

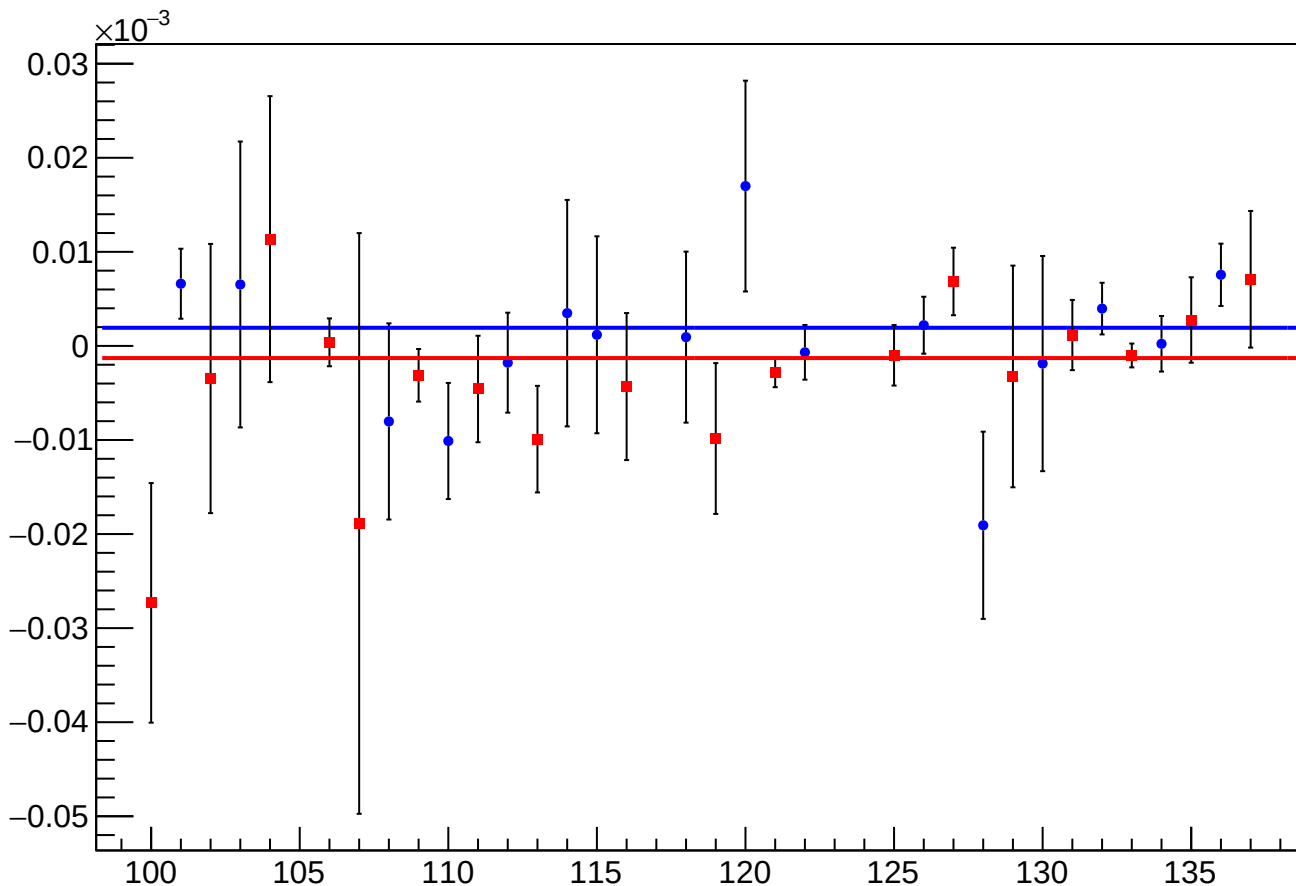
Right: 38.545+/-0.008 χ^2/NDF : 3290942.4/33

In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.545+/-0.008 χ^2/NDF : 3290942.4/33

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

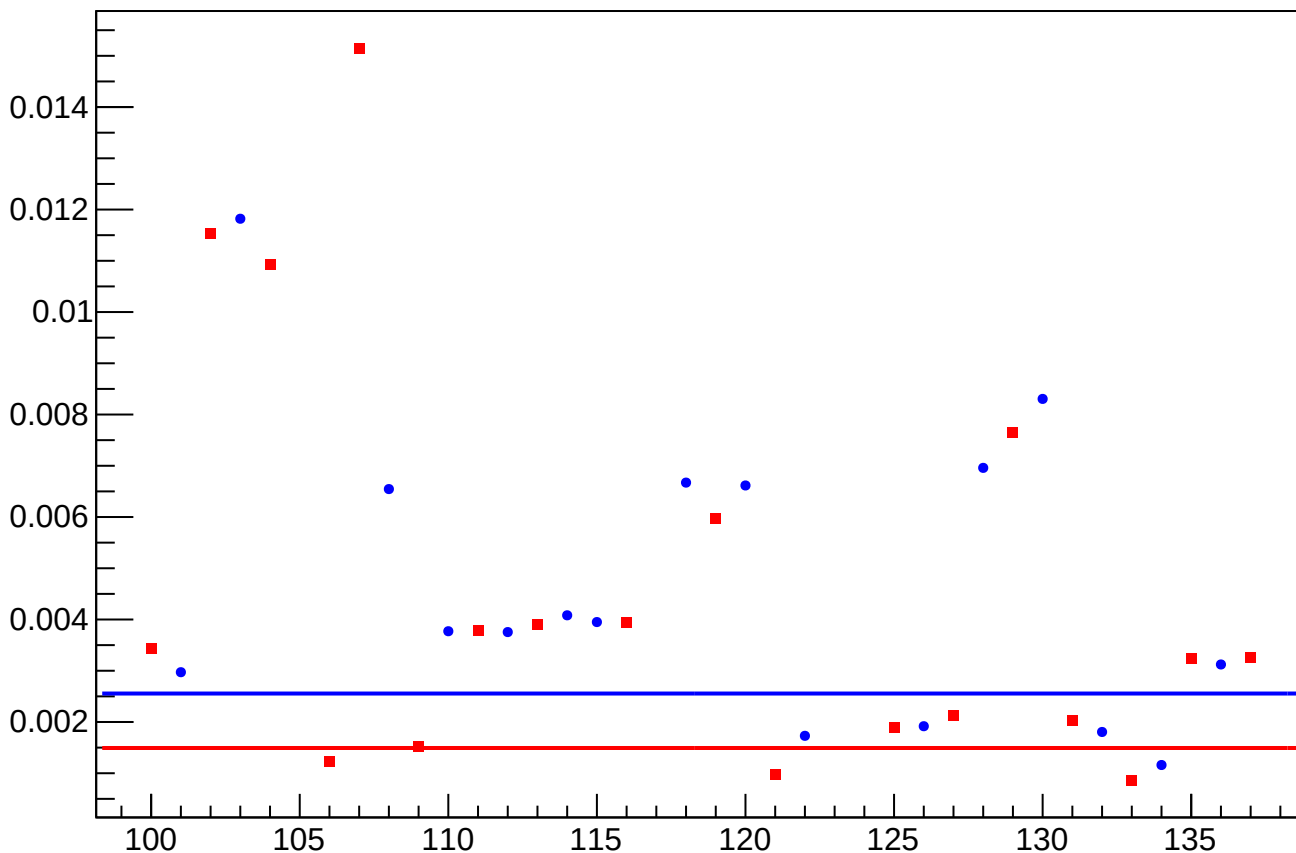
Right: -0.000+/-0.000 χ^2/NDF : 42.3/33

In: 0.000+/-0.000 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.3/33

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 3782362.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5561830.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

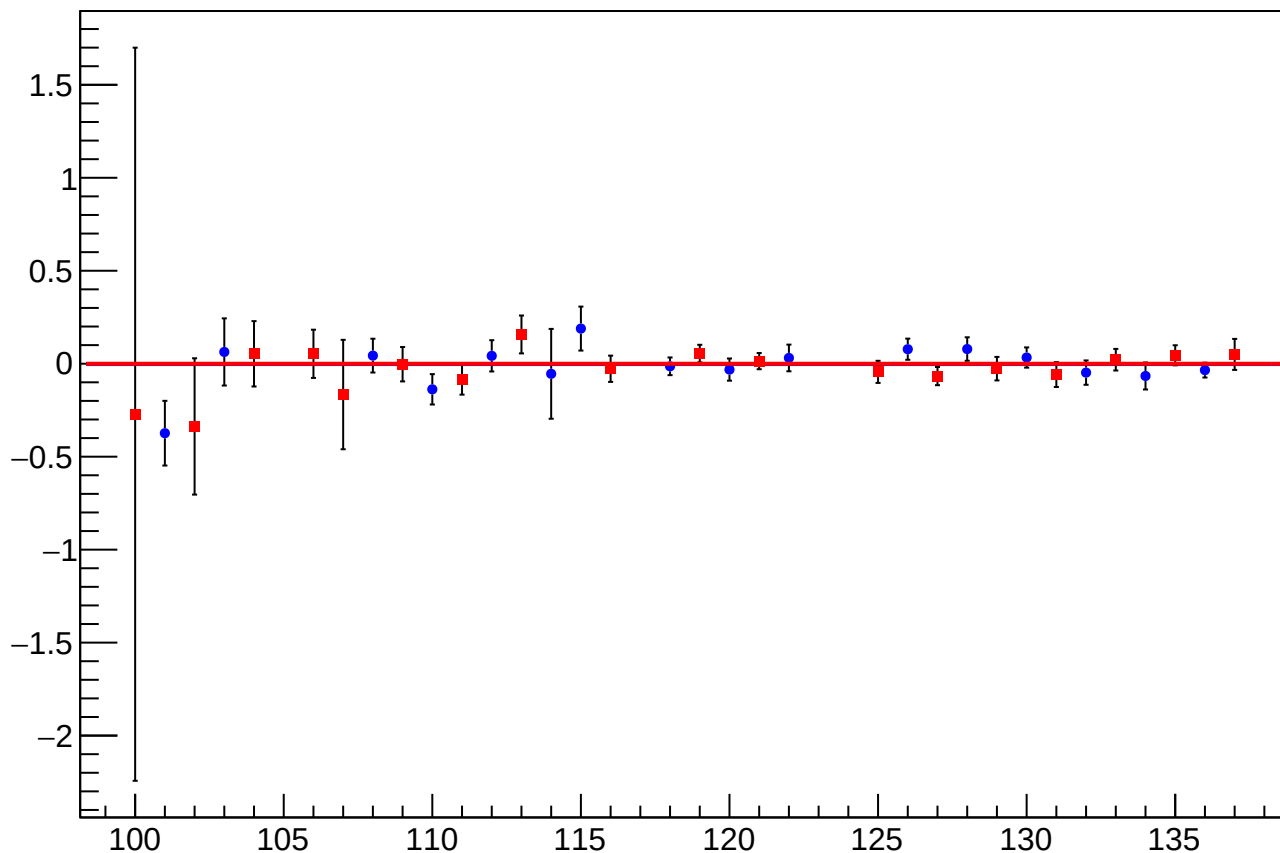
Right: 0.002+/-0.000 χ^2/NDF : 10553457.3/33

In: 0.003+/-0.000 χ^2/NDF :3782362.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 10553457.3/33

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.017 $\chi^2/\text{NDF}: 17.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000 ± 0.017 $\chi^2/\text{NDF}: 10.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

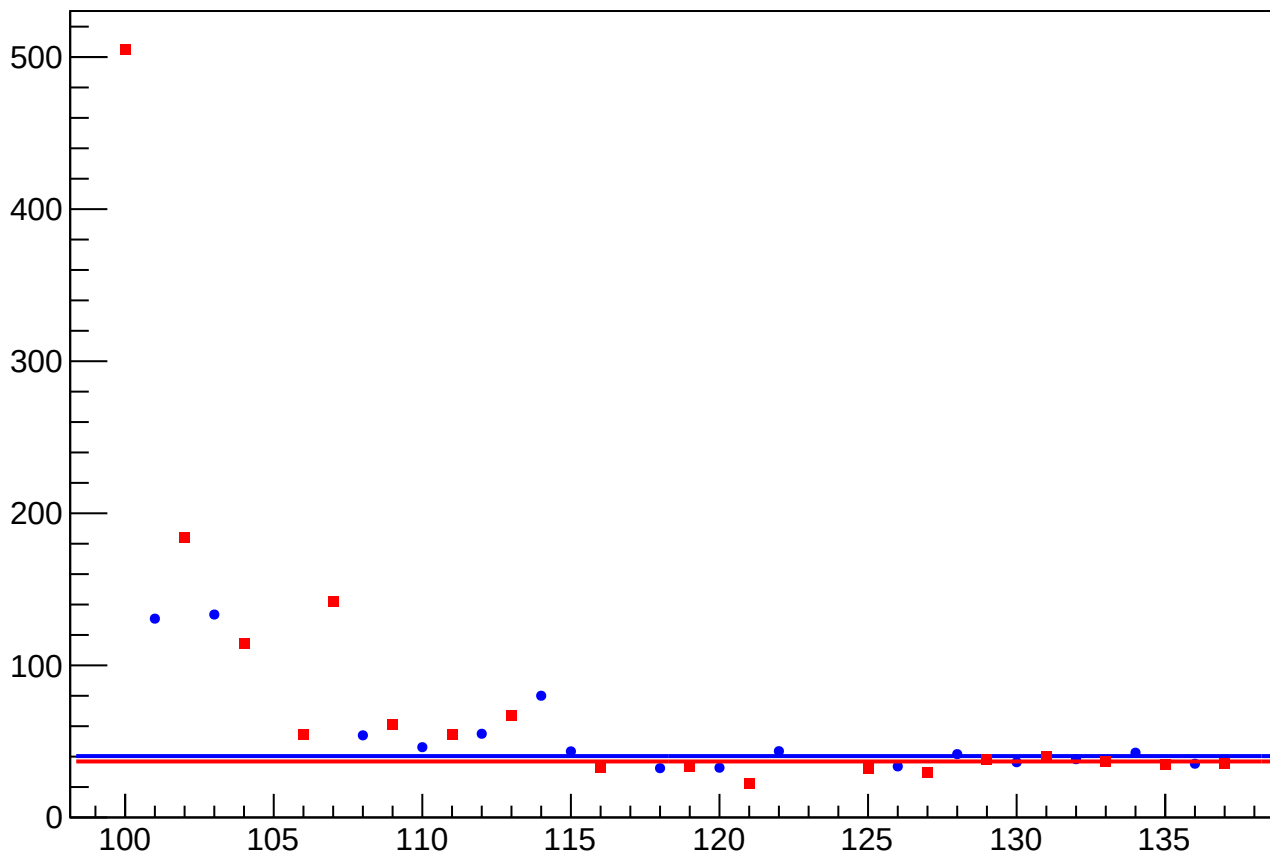
Right: -0.001 ± 0.012 $\chi^2/\text{NDF}: 28.0/33$

In: -0.002 ± 0.017 $\chi^2/\text{NDF}: 17.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.001 ± 0.012 $\chi^2/\text{NDF}: 28.0/33$

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.352+/-0.012 χ^2/NDF : 1410036.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.824+/-0.012 χ^2/NDF : 1837118.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

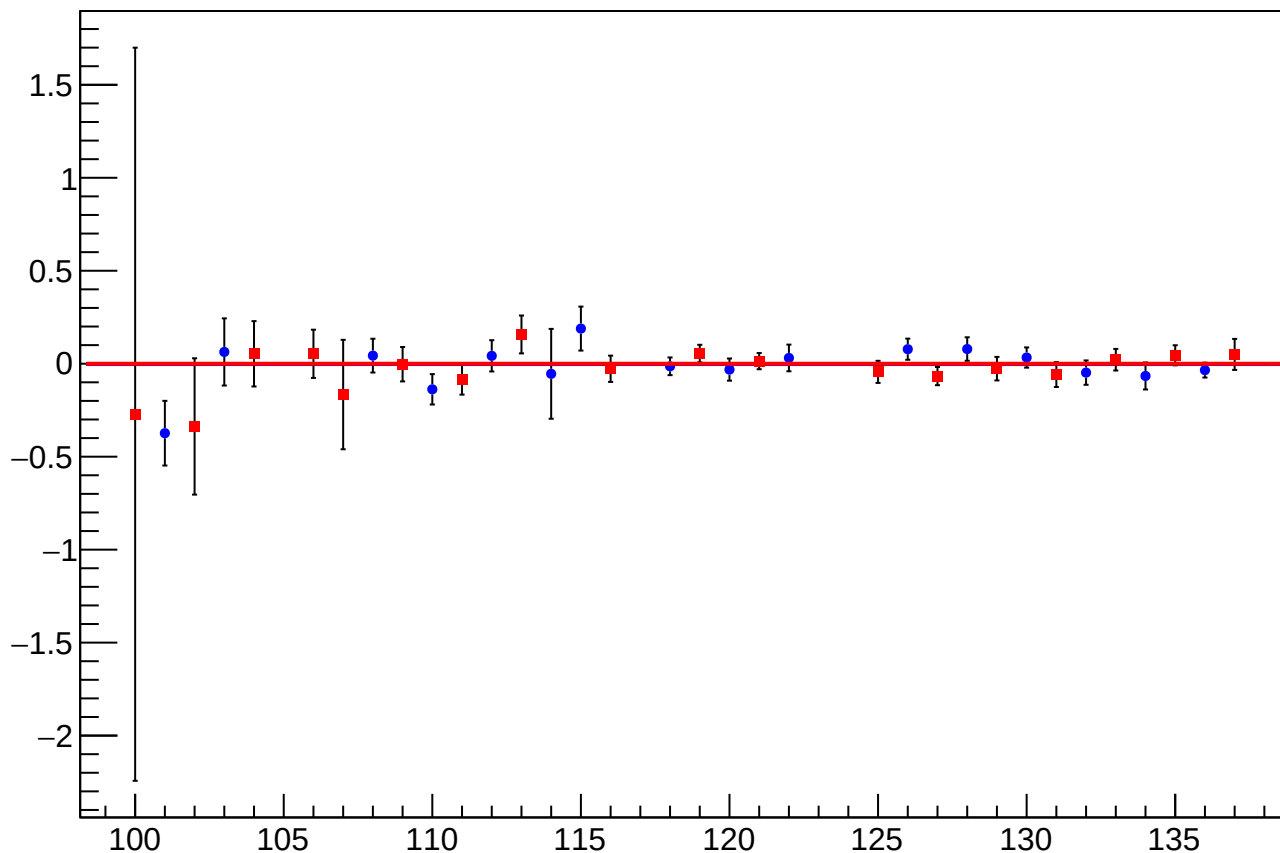
Right: 38.545+/-0.008 χ^2/NDF : 3290871.7/33

In: 40.352+/-0.012 χ^2/NDF : 1410036.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.545+/-0.008 χ^2/NDF : 3290871.7/33

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.017 $\chi^2/\text{NDF}: 17.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.000 ± 0.017 $\chi^2/\text{NDF}: 10.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

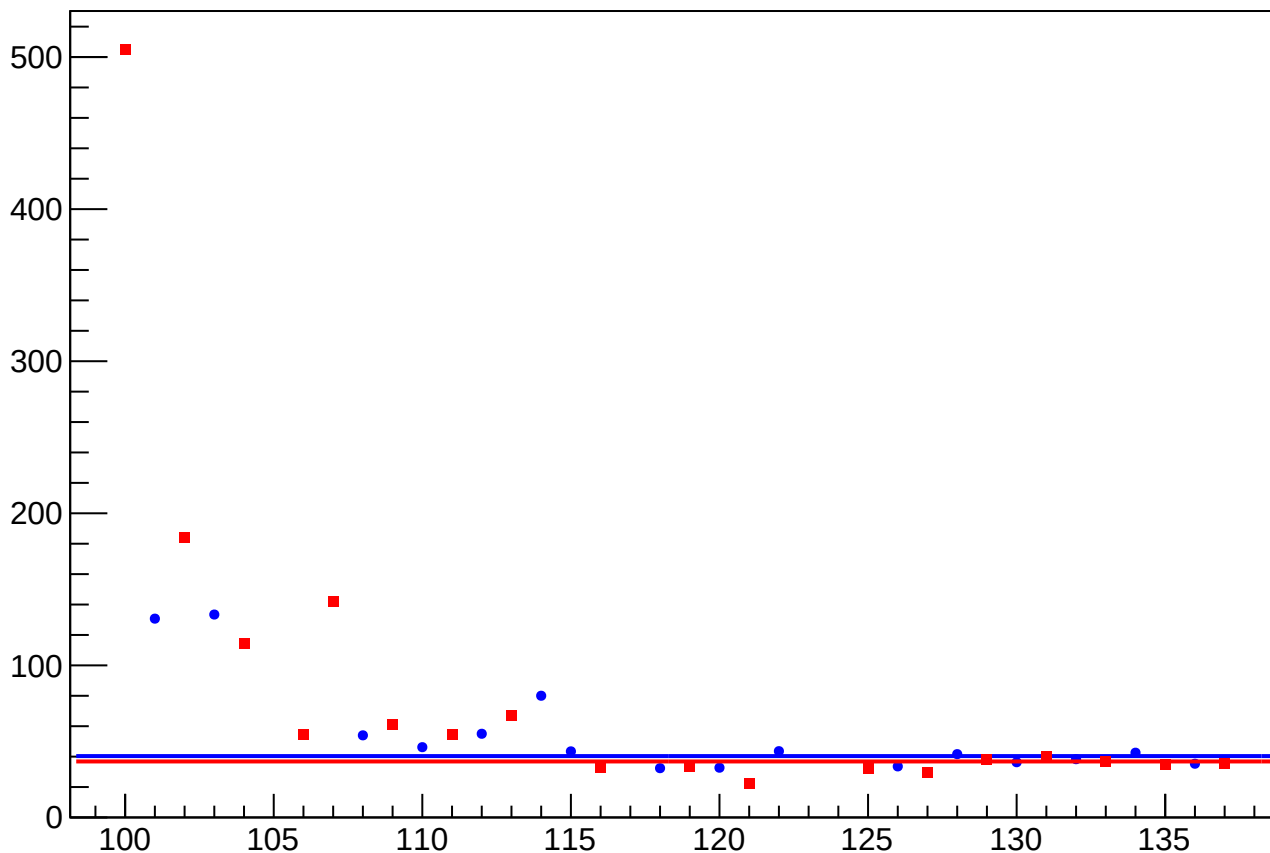
Right: -0.001 ± 0.012 $\chi^2/\text{NDF}: 28.0/33$

In: -0.002 ± 0.017 $\chi^2/\text{NDF}: 17.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.001 ± 0.012 $\chi^2/\text{NDF}: 28.0/33$

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.352+/-0.012 χ^2/NDF : 1410036.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.824+/-0.012 χ^2/NDF : 1837118.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

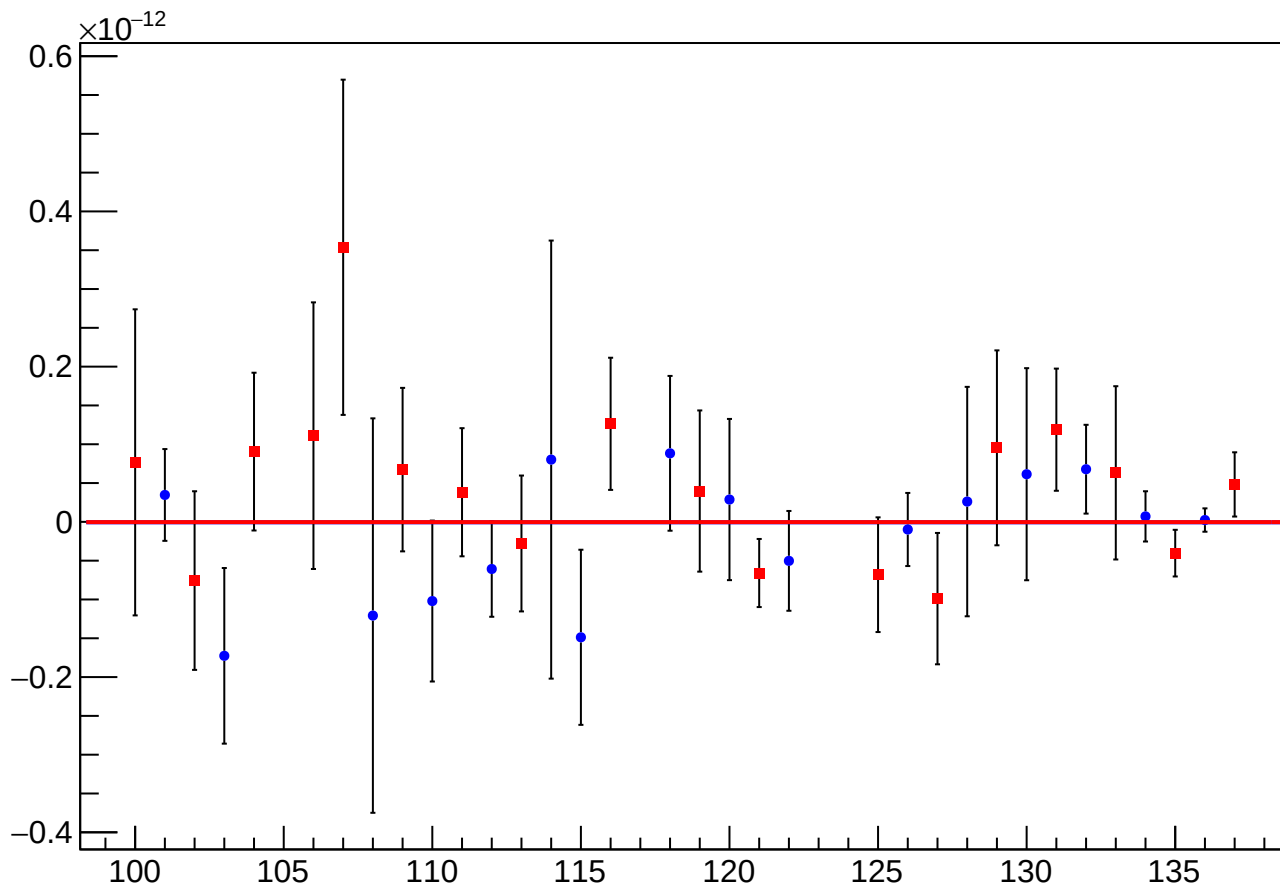
Right: 38.545+/-0.008 χ^2/NDF : 3290871.7/33

In: 40.352+/-0.012 χ^2/NDF : 1410036.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.545+/-0.008 χ^2/NDF : 3290871.7/33

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

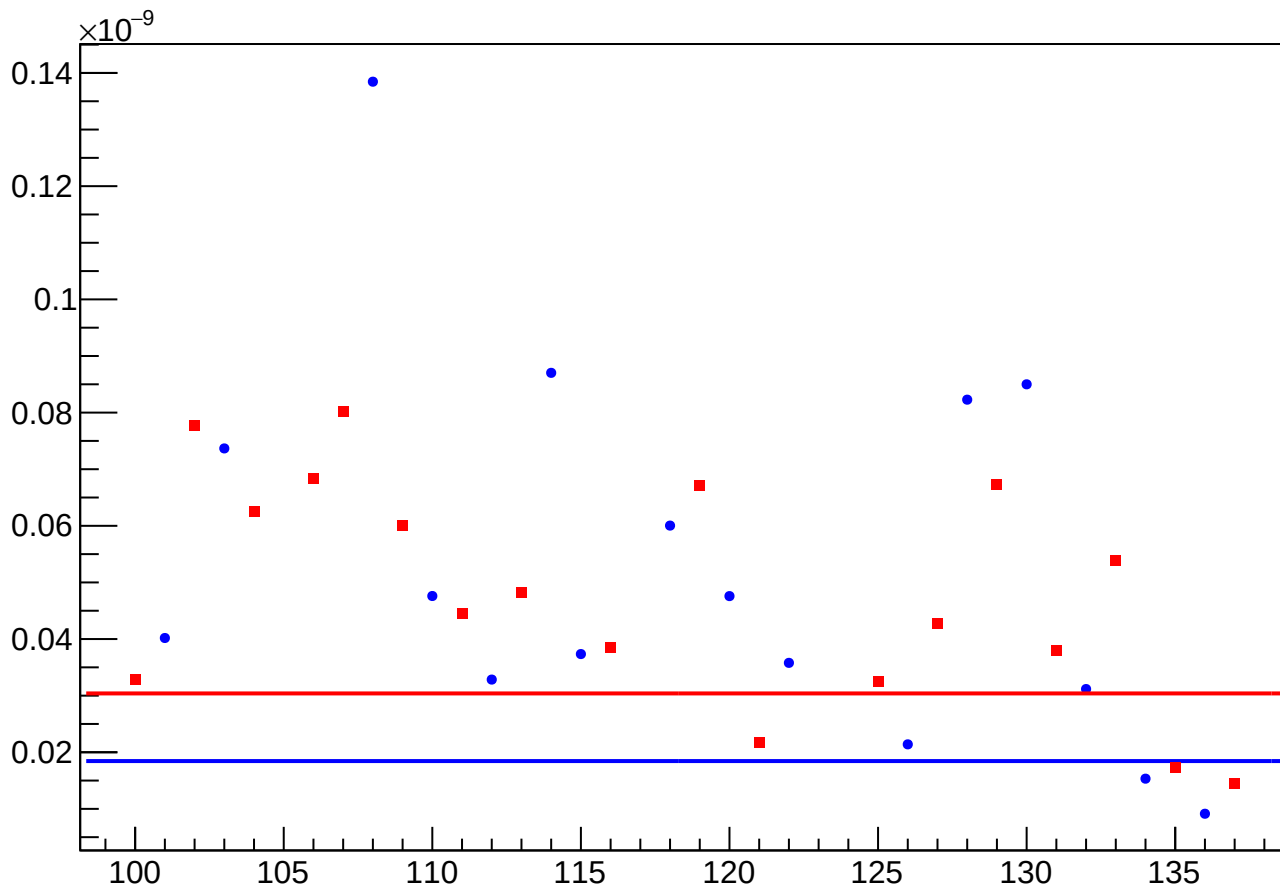
Right: -0.000+/-0.000 χ^2/NDF : 28.2/33

In: -0.000+/-0.000 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.2/33

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4022915.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2387224.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

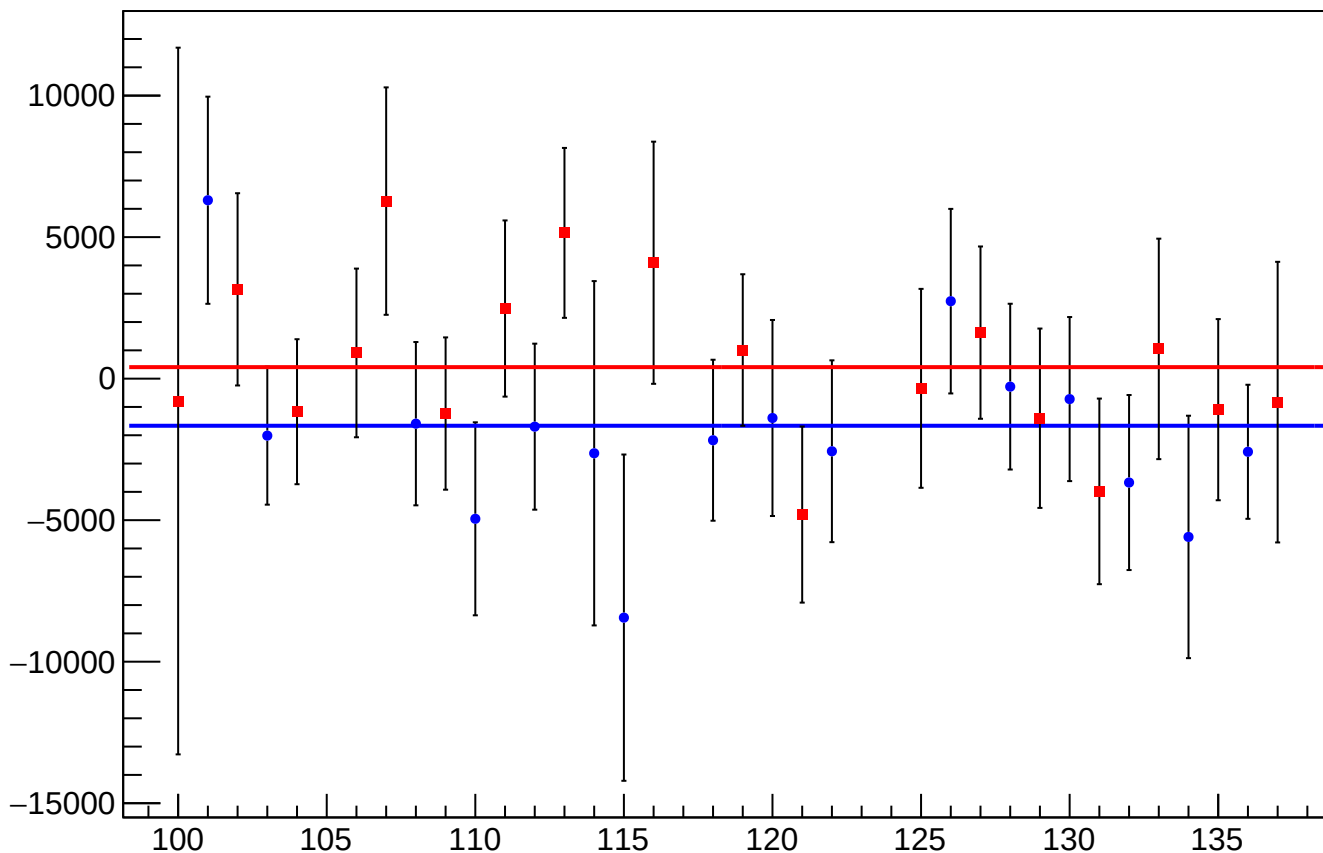
Right: 0.000+/-0.000 χ^2/NDF : 7115915.8/33

In: 0.000+/-0.000 χ^2/NDF :4022915.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7115915.8/33

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.305 ± 792.164 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 406.847 ± 777.158 χ^2/NDF : 12.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

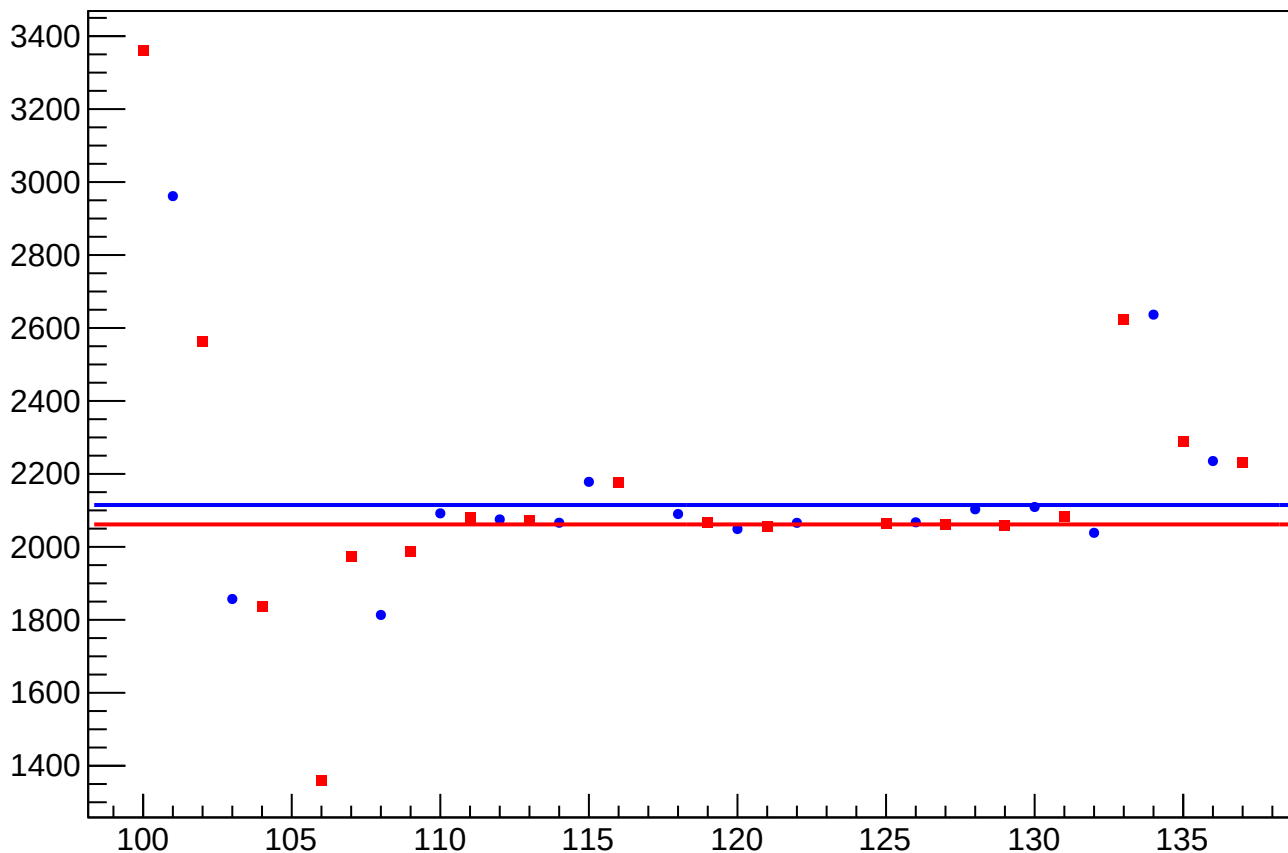
Right: -608.927 ± 554.763 χ^2/NDF : 27.0/33

In: -1664.305 ± 792.164 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -608.927 ± 554.763 χ^2/NDF : 27.0/33

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2114.755+/-0.560 χ^2/NDF : 189920.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2061.560+/-0.550 χ^2/NDF : 249186.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

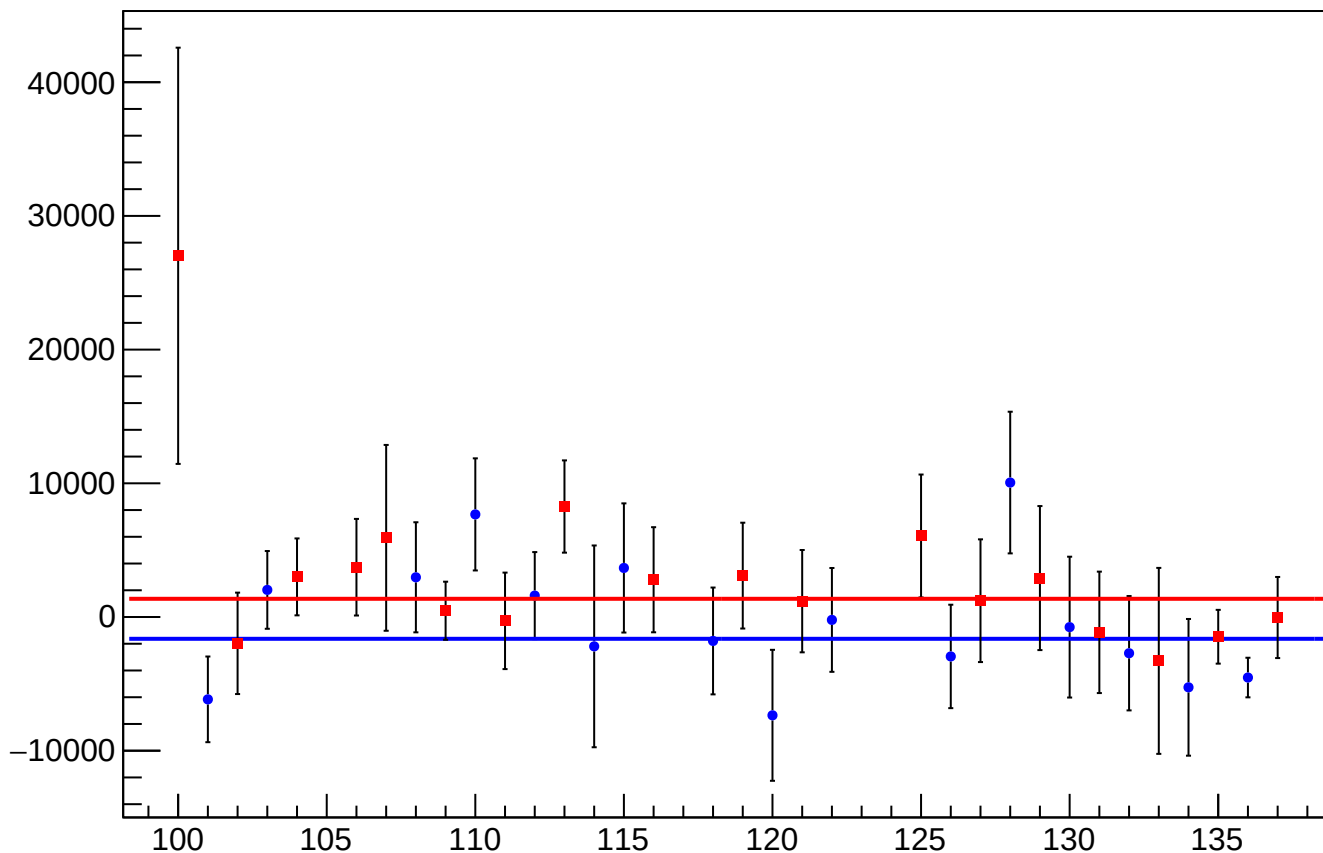
Right: 2087.649+/-0.392 χ^2/NDF : 443702.7/33

In: 2114.755+/-0.560 χ^2/NDF : 189920.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2087.649+/-0.392 χ^2/NDF : 443702.7/33

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1630.474+/-862.417 χ^2/NDF : 22.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1361.841+/-840.417 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

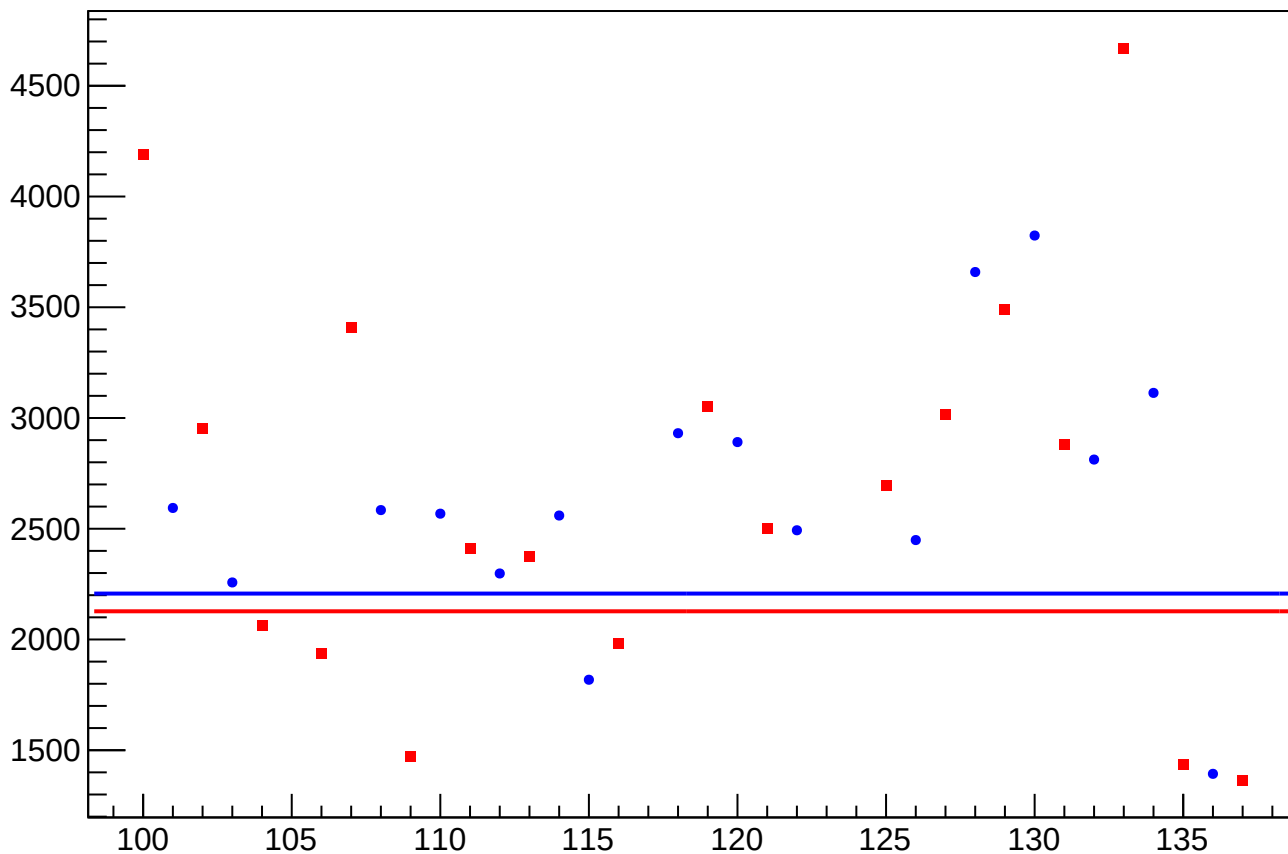
Right: -95.664+/-601.892 χ^2/NDF : 42.5/33

In: -1630.474+/-862.417 χ^2/NDF : 22.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.664+/-601.892 χ^2/NDF : 42.5/33

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 2207.254+/-0.610 χ^2/NDF : 1249266.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2127.224+/-0.594 χ^2/NDF : 1458046.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

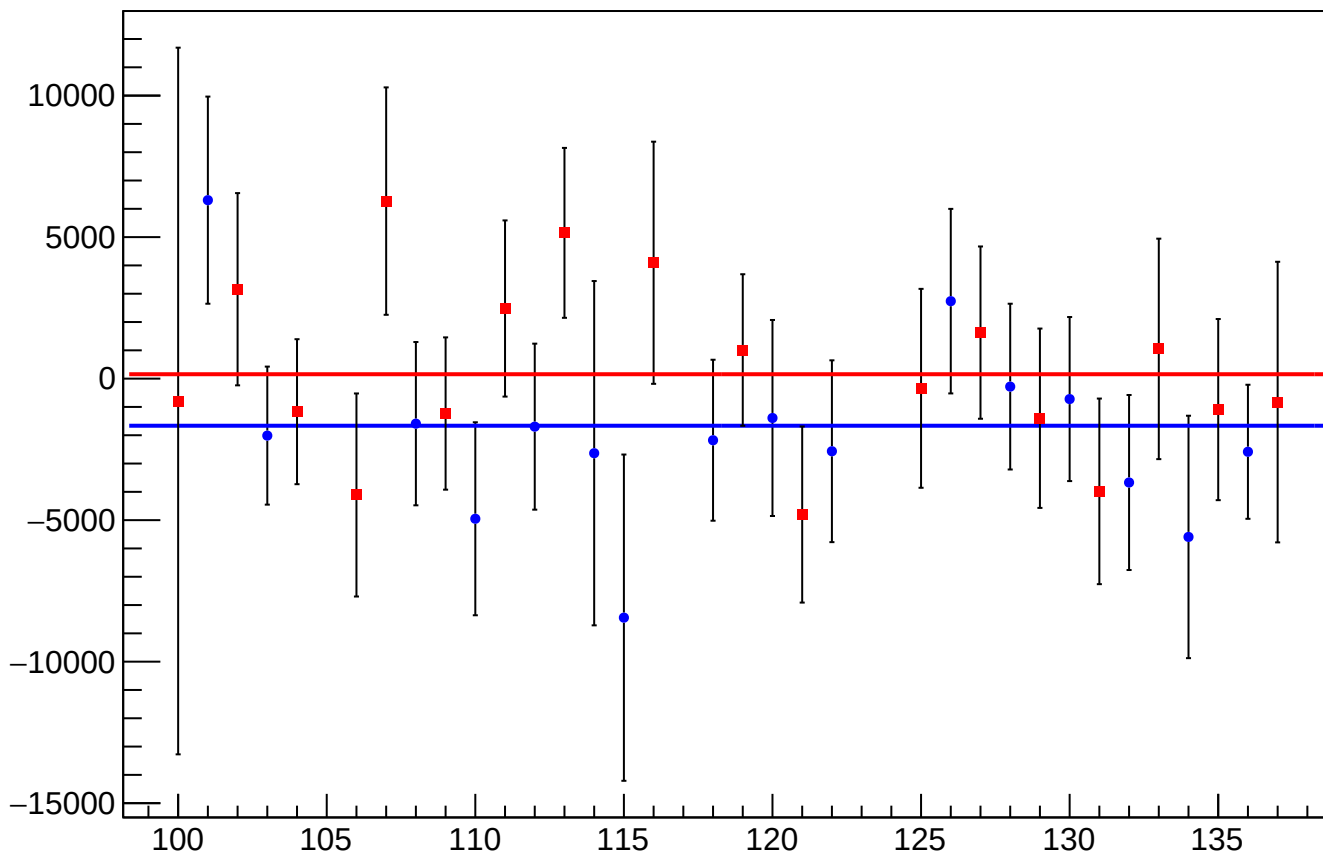
Right: 2166.205+/-0.426 χ^2/NDF : 2716147.2/33

In: 2207.254+/-0.610 χ^2/NDF : 1249266.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2166.205+/-0.426 χ^2/NDF : 2716147.2/33

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.231 $\pm$ 792.164 χ^2 /NDF: 10.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.775 $\pm$ 785.481 χ^2 /NDF: 14.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

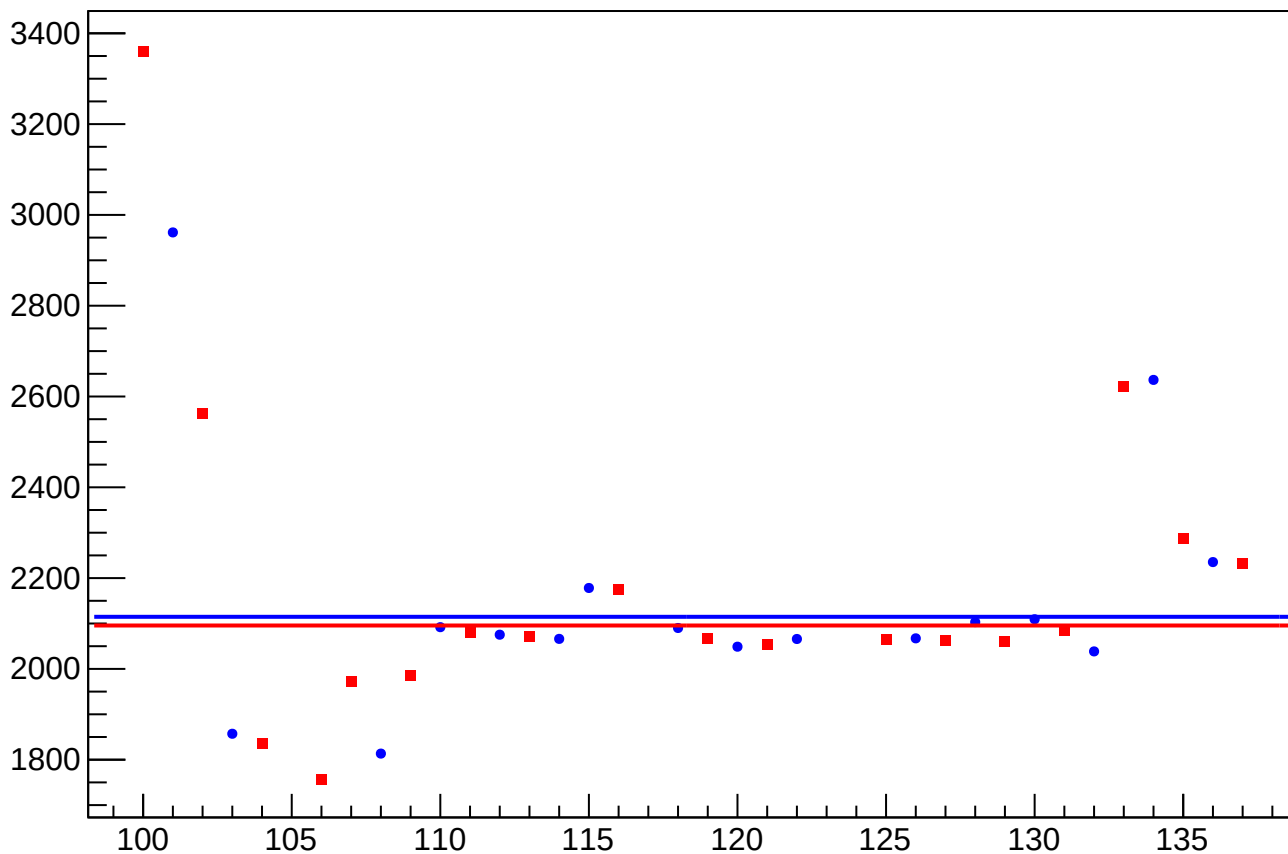
Right: -746.519 $\pm$ 557.767 χ^2 /NDF: 27.6/33

In: -1664.231 $\pm$ 792.164 χ^2 /NDF:10.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -746.519 $\pm$ 557.767 χ^2 /NDF: 27.6/33

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2095.597+/-0.555 χ^2/NDF : 149360.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

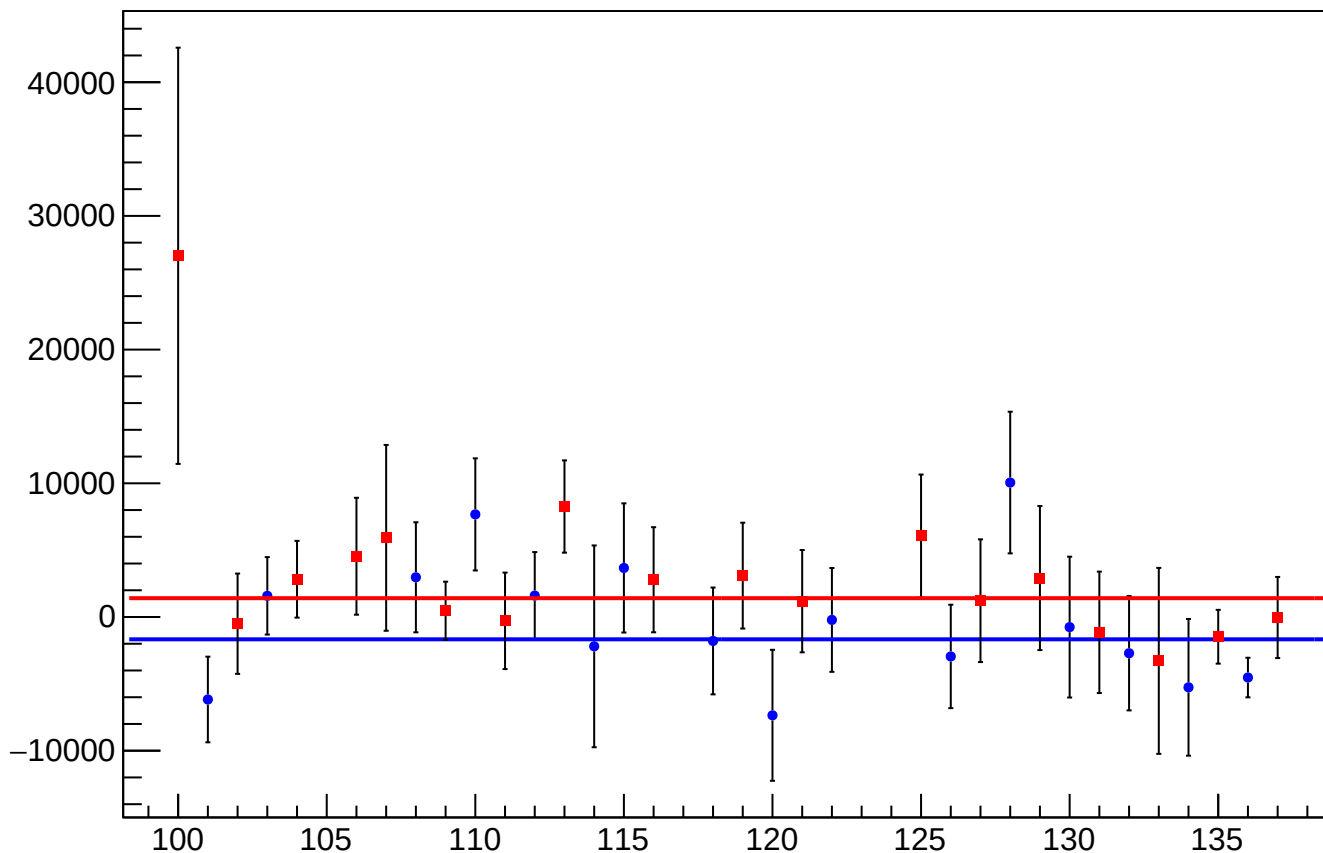
Right: 2105.095+/-0.394 χ^2/NDF : 339871.2/33

In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.095+/-0.394 χ^2/NDF : 339871.2/33

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1668.482 $\pm$ 862.126 χ^2 /NDF: 22.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1407.975 $\pm$ 847.068 χ^2 /NDF: 13.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

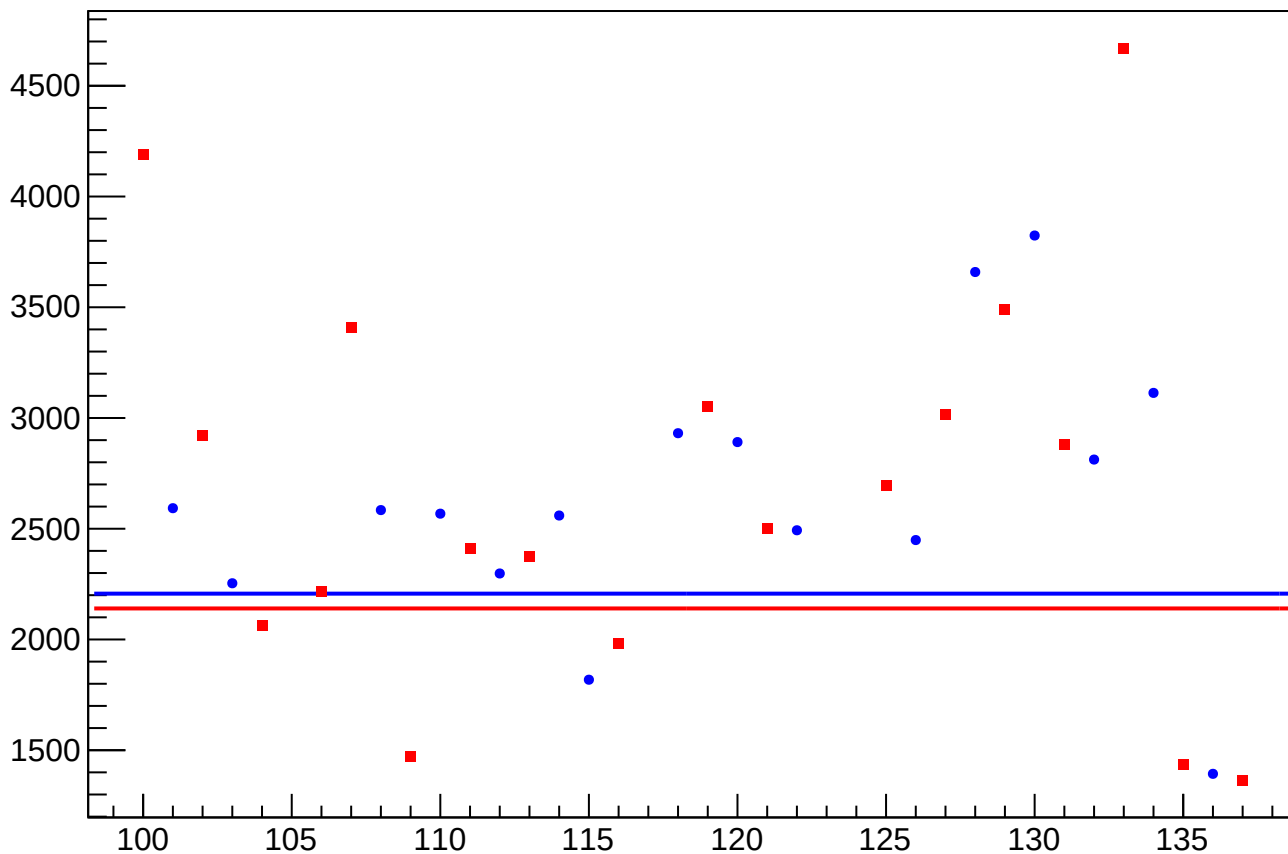
Right: -103.153 $\pm$ 604.221 χ^2 /NDF: 42.0/33

In: -1668.482 $\pm$ 862.126 χ^2 /NDF:22.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -103.153 $\pm$ 604.221 χ^2 /NDF: 42.0/33

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 2206.918+/-0.610 χ^2/NDF : 1249024.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2140.060+/-0.599 χ^2/NDF : 1448366.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

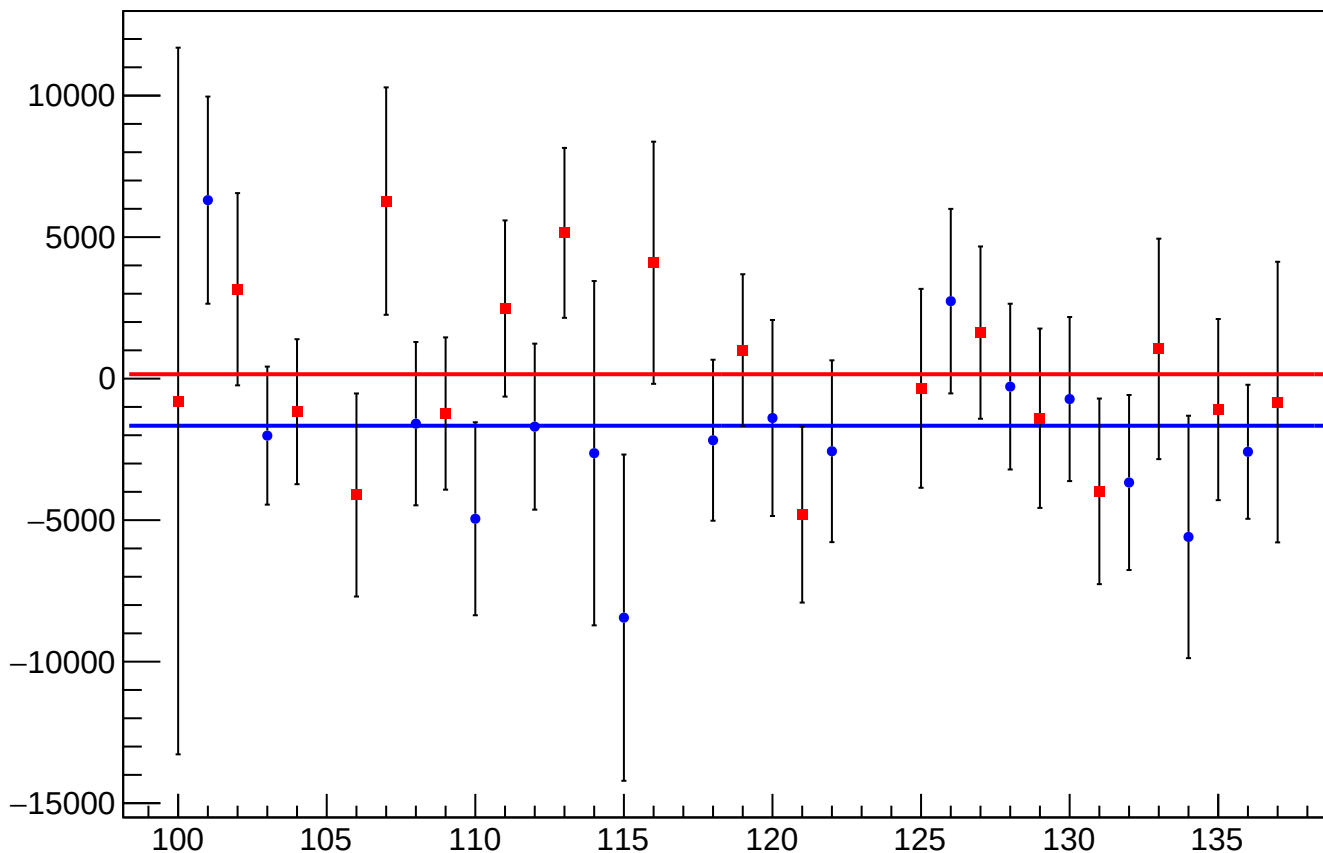
Right: 2172.900+/-0.427 χ^2/NDF : 2703511.1/33

In: 2206.918+/-0.610 χ^2/NDF : 1249024.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.900+/-0.427 χ^2/NDF : 2703511.1/33

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.231 $\pm$ 792.164 χ^2 /NDF: 10.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 155.775 $\pm$ 785.481 χ^2 /NDF: 14.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

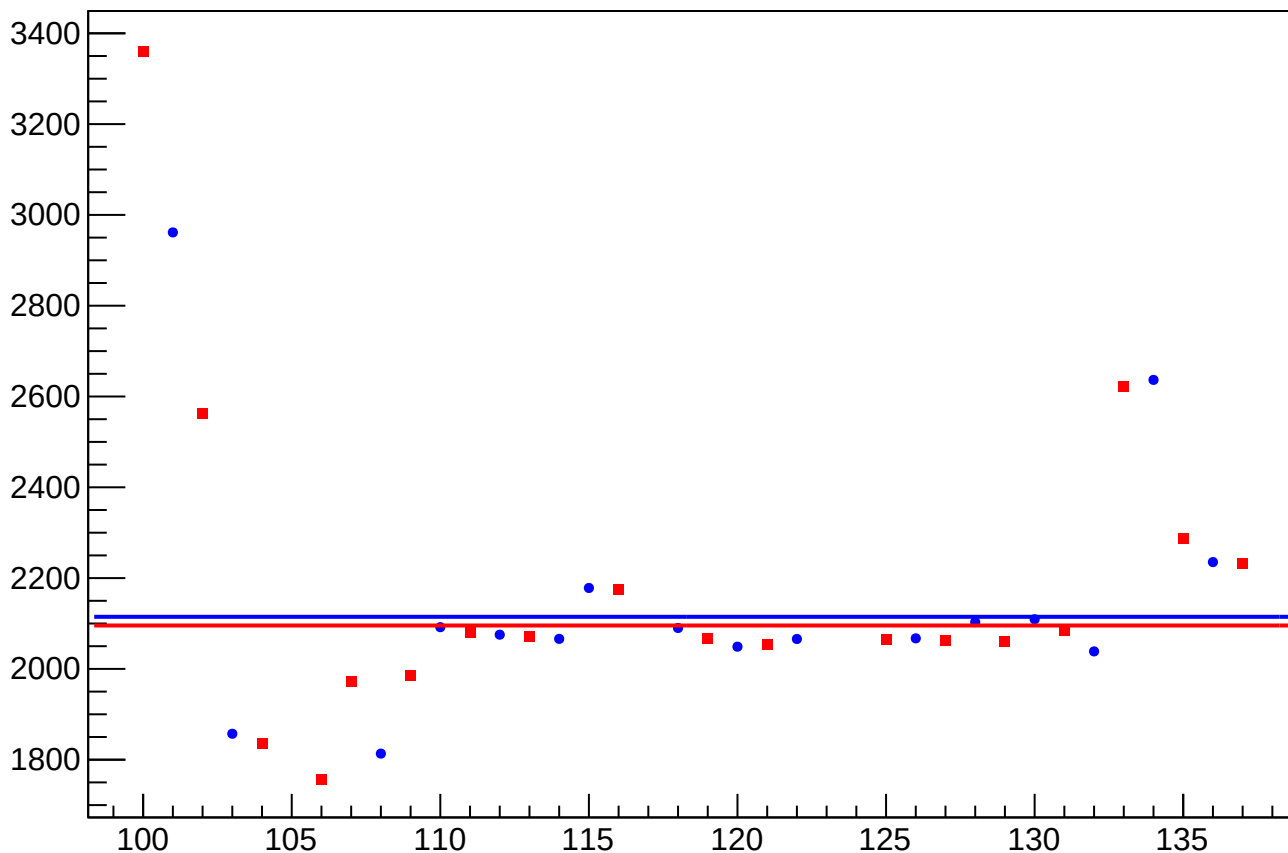
Right: -746.519 $\pm$ 557.767 χ^2 /NDF: 27.6/33

In: -1664.231 $\pm$ 792.164 χ^2 /NDF:10.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -746.519 $\pm$ 557.767 χ^2 /NDF: 27.6/33

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2095.597+/-0.555 χ^2/NDF : 149360.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

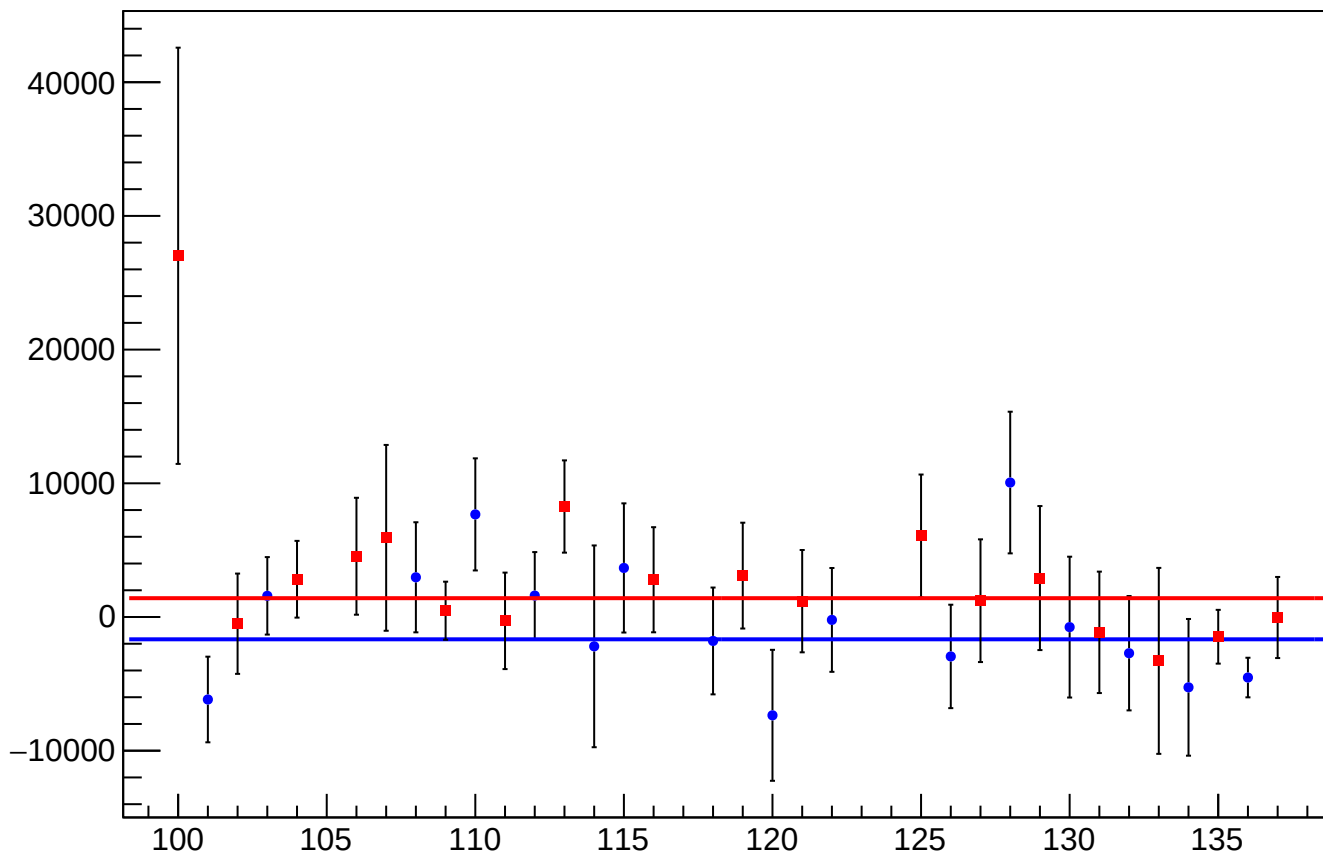
Right: 2105.095+/-0.394 χ^2/NDF : 339871.2/33

In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2105.095+/-0.394 χ^2/NDF : 339871.2/33

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1668.482 $\pm$ 862.126 χ^2 /NDF: 22.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1407.975 $\pm$ 847.068 χ^2 /NDF: 13.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

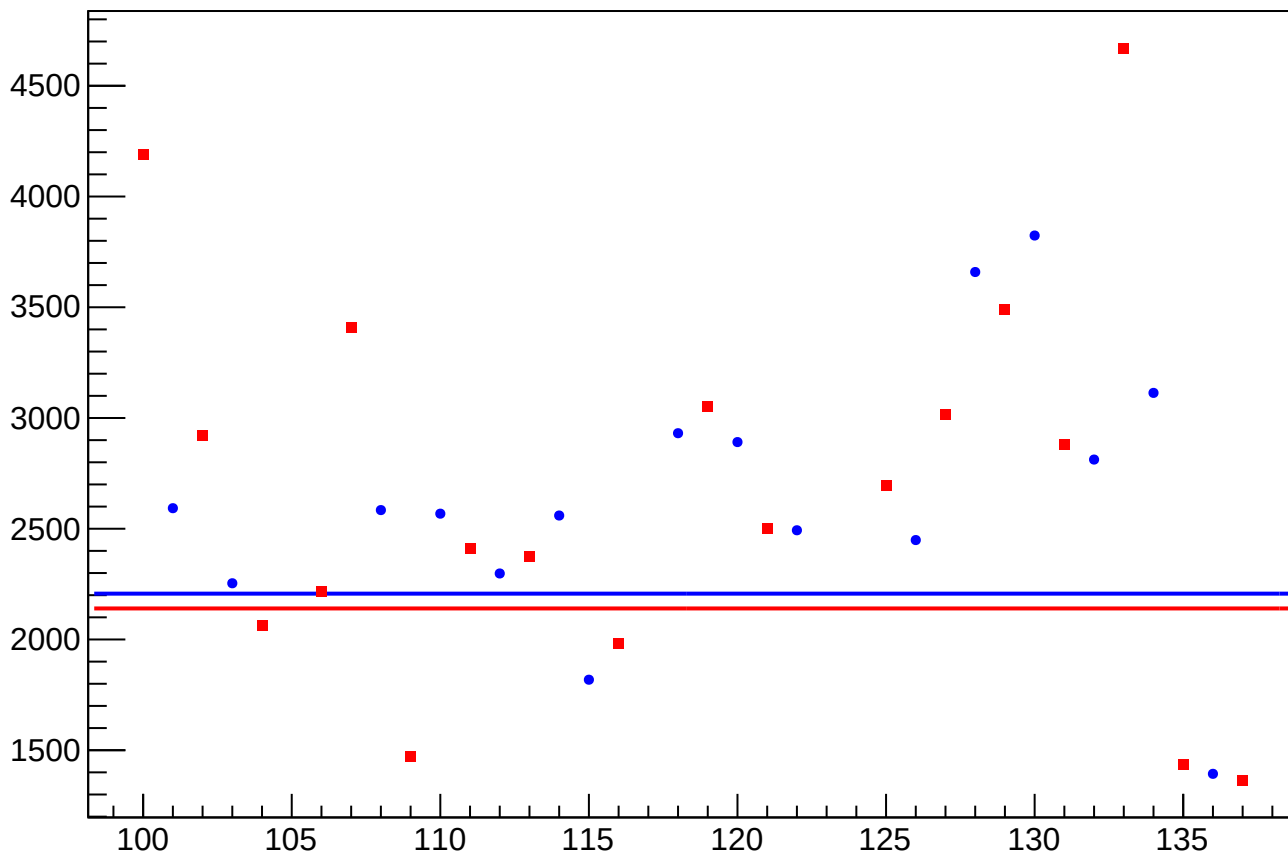
Right: -103.153 $\pm$ 604.221 χ^2 /NDF: 42.0/33

In: -1668.482 $\pm$ 862.126 χ^2 /NDF:22.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -103.153 $\pm$ 604.221 χ^2 /NDF: 42.0/33

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2206.918+/-0.610 χ^2/NDF : 1249024.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2140.060+/-0.599 χ^2/NDF : 1448366.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

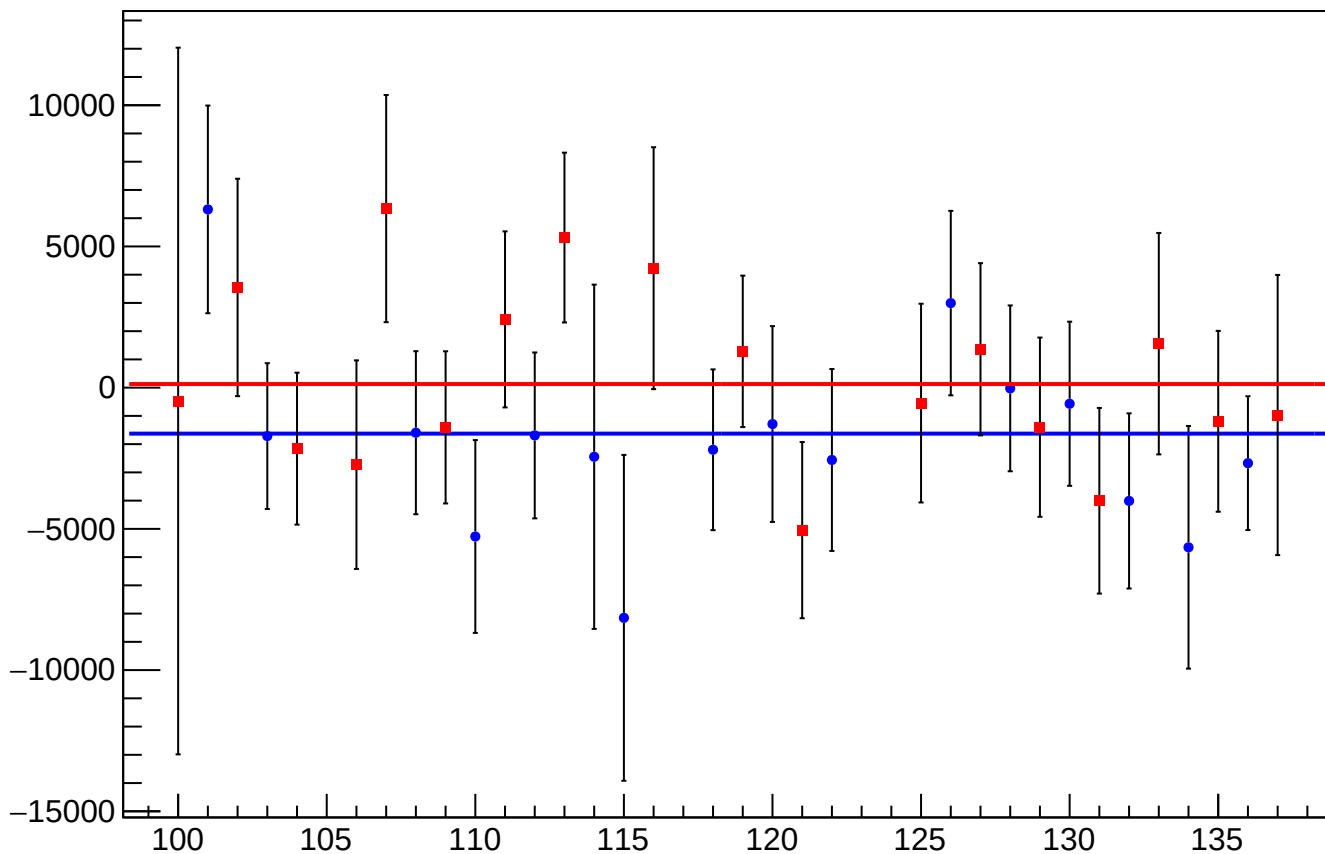
Right: 2172.900+/-0.427 χ^2/NDF : 2703511.1/33

In: 2206.918+/-0.610 χ^2/NDF : 1249024.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2172.900+/-0.427 χ^2/NDF : 2703511.1/33

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1627.635±/-797.966 χ^2/NDF : 11.3/15

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.099±/-795.899 χ^2/NDF : 14.6/17

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

Left: 0.000±/-0.000 χ^2/NDF : 0.0/0

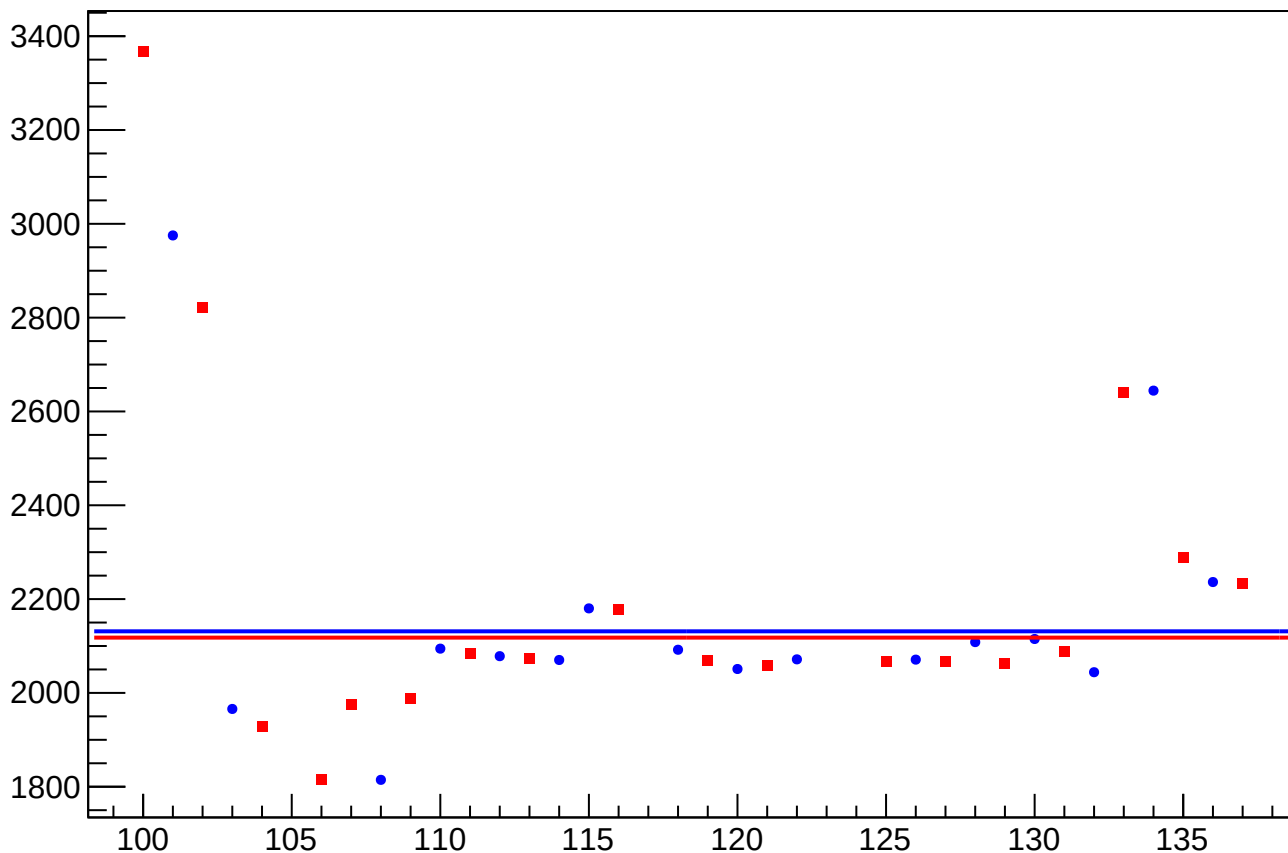
Right: -747.490±/-563.515 χ^2/NDF : 28.3/33

In: -1627.635±/-797.966 χ^2/NDF : 11.3/15

Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

All: -747.490±/-563.515 χ^2/NDF : 28.3/33

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.868+/-0.563 χ^2/NDF : 163622.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

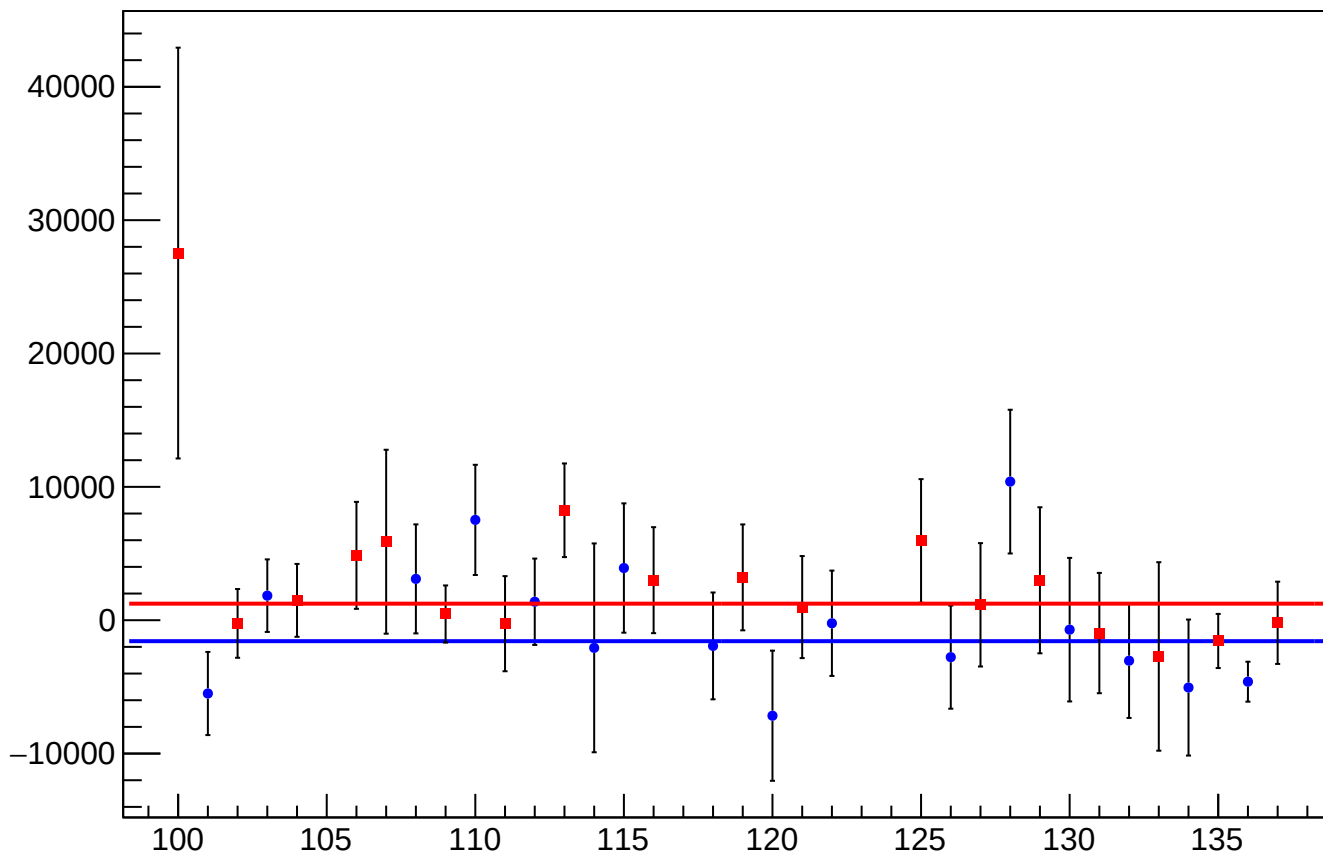
Right: 2124.565+/-0.398 χ^2/NDF : 339850.1/33

In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.565+/-0.398 χ^2/NDF : 339850.1/33

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1571.073 $\pm$ 859.754 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1241.008 $\pm$ 819.775 χ^2 /NDF: 13.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

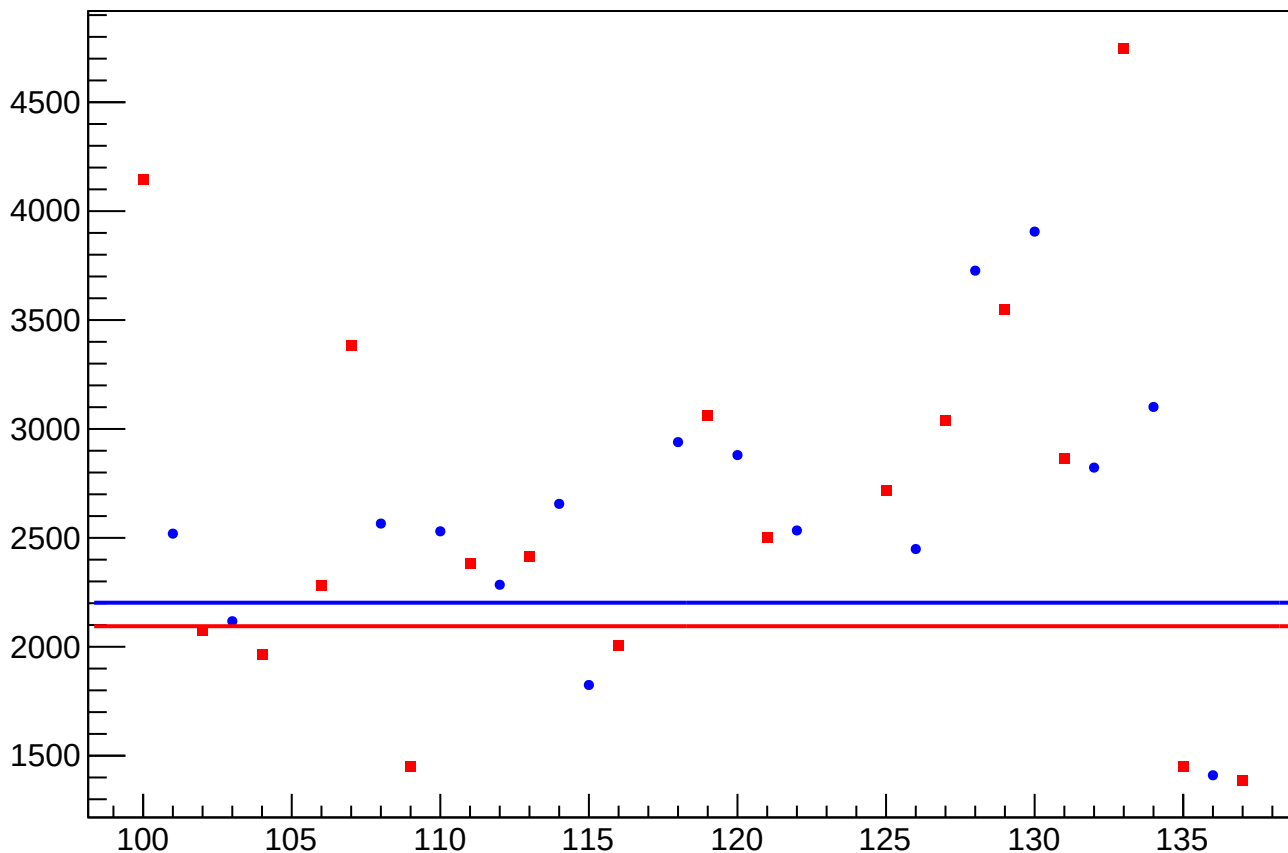
Right: -98.133 $\pm$ 593.299 χ^2 /NDF: 41.3/33

In: -1571.073 $\pm$ 859.754 χ^2 /NDF:22.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.133 $\pm$ 593.299 χ^2 /NDF: 41.3/33

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 2202.378+/-0.608 χ^2/NDF : 1222965.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2094.445+/-0.580 χ^2/NDF : 1373676.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

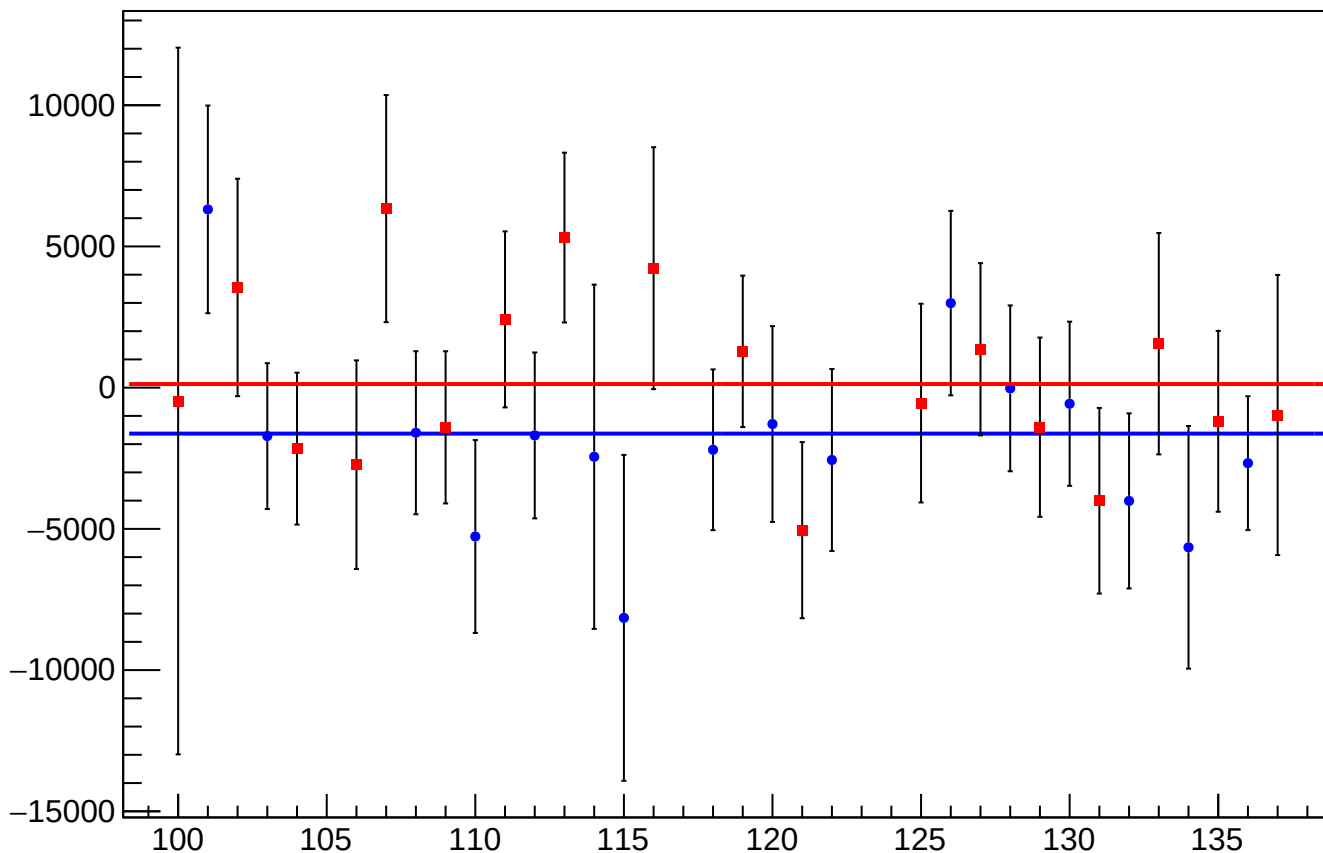
Right: 2145.844+/-0.420 χ^2/NDF : 2613152.0/33

In: 2202.378+/-0.608 χ^2/NDF :1222965.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2145.844+/-0.420 χ^2/NDF : 2613152.0/33

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1627.637 $\pm$ 797.966 χ^2 /NDF: 11.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 128.093 $\pm$ 795.899 χ^2 /NDF: 14.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

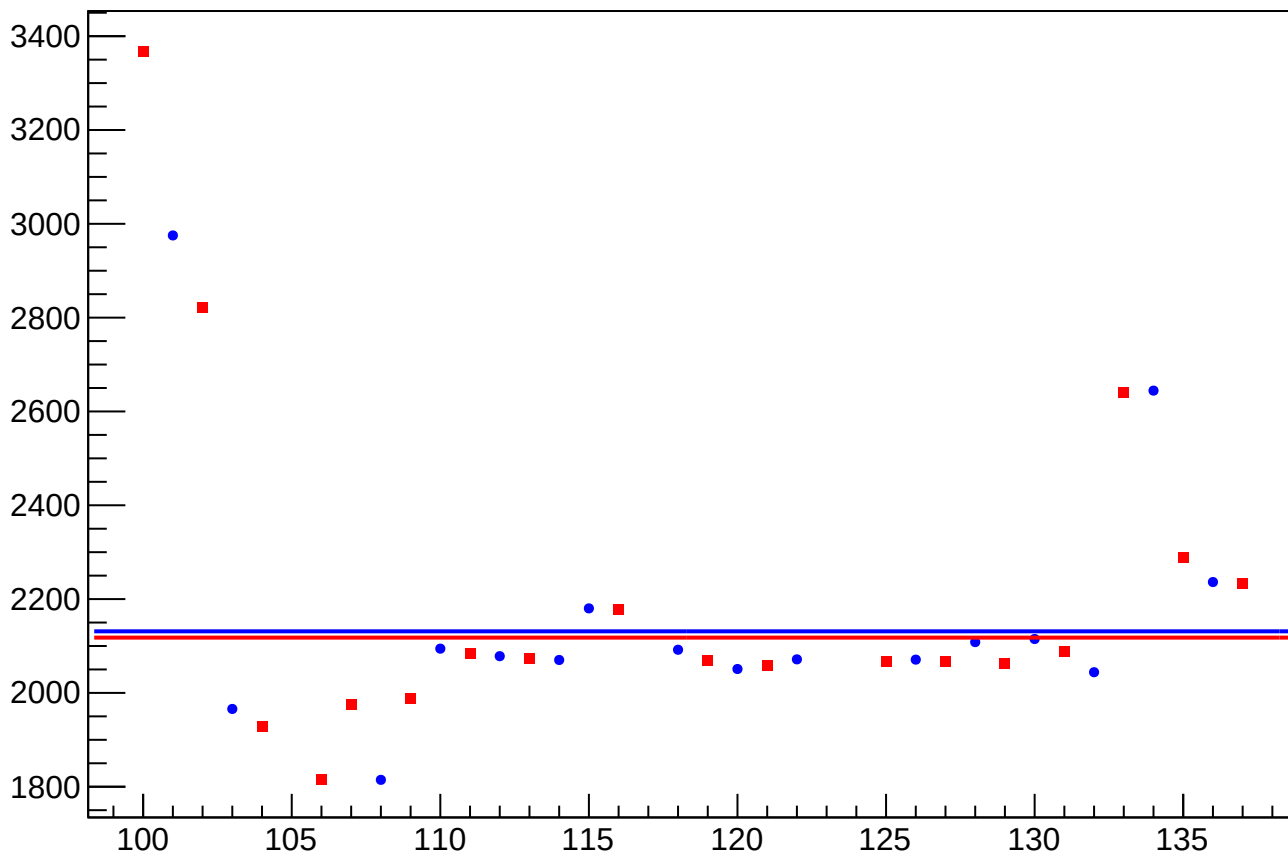
Right: -747.494 $\pm$ 563.515 χ^2 /NDF: 28.3/33

In: -1627.637 $\pm$ 797.966 χ^2 /NDF:11.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -747.494 $\pm$ 563.515 χ^2 /NDF: 28.3/33

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2117.868+/-0.563 χ^2/NDF : 163622.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

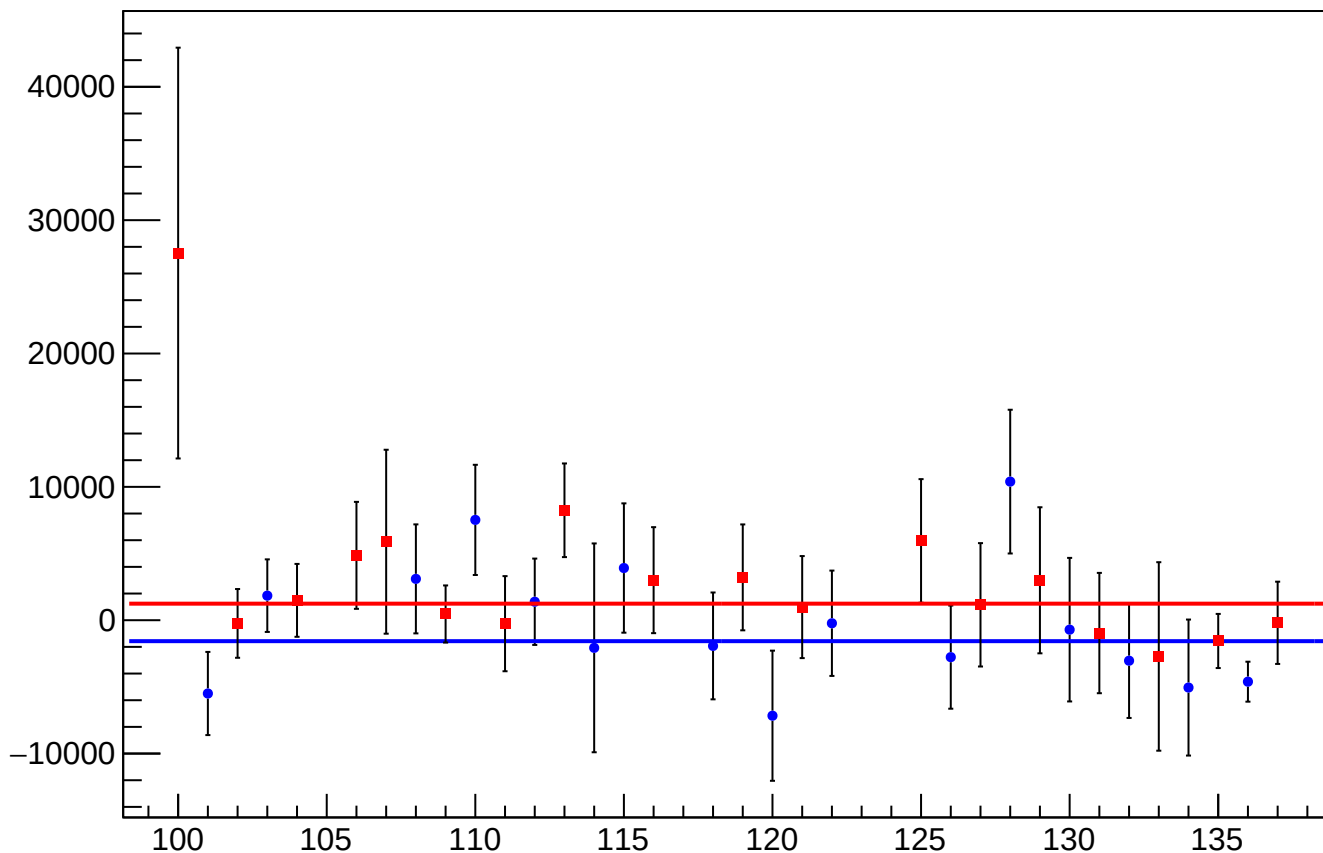
Right: 2124.565+/-0.398 χ^2/NDF : 339849.9/33

In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2124.565+/-0.398 χ^2/NDF : 339849.9/33

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1571.058 $\pm$ 859.757 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1241.023 $\pm$ 819.778 χ^2 /NDF: 13.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

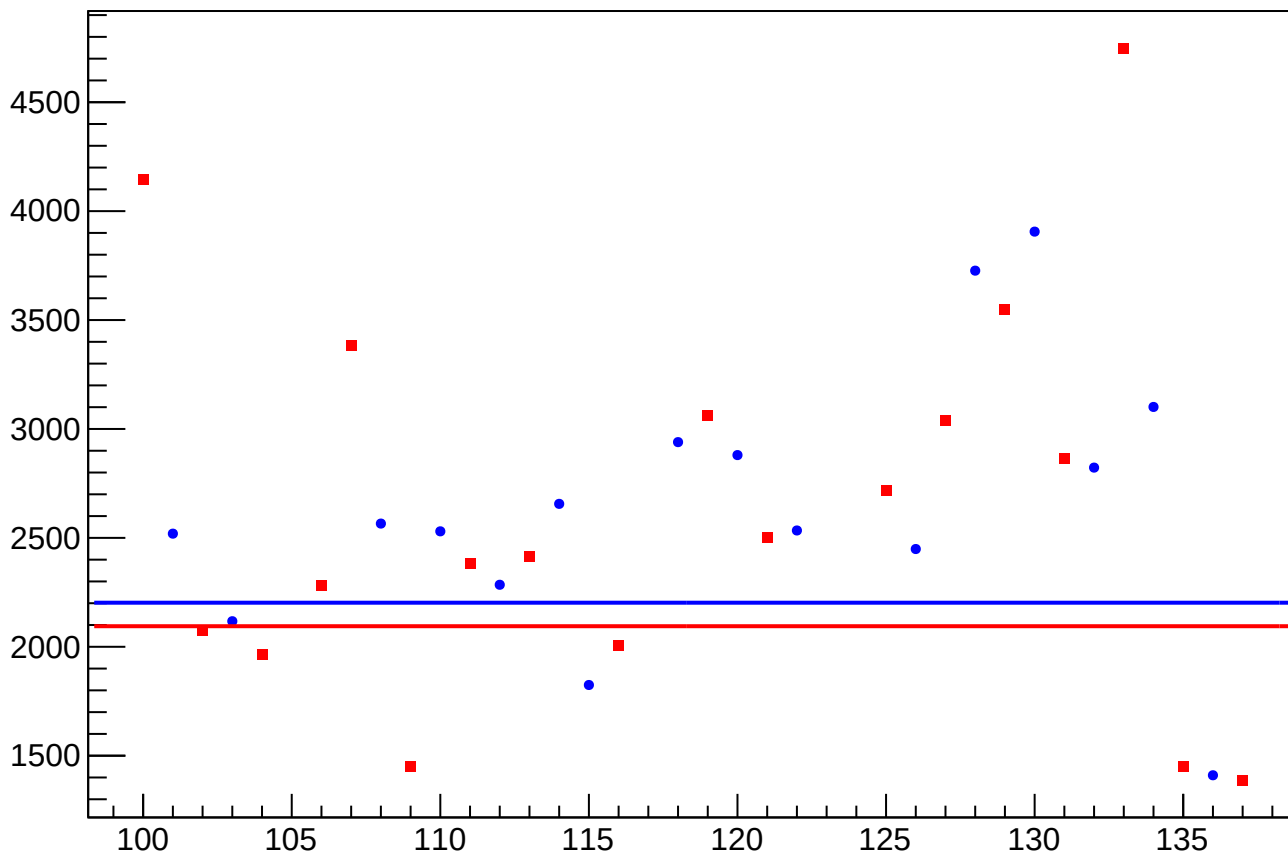
Right: -98.119 $\pm$ 593.301 χ^2 /NDF: 41.3/33

In: -1571.058 $\pm$ 859.757 χ^2 /NDF:22.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.119 $\pm$ 593.301 χ^2 /NDF: 41.3/33

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2202.391+/-0.608 χ^2/NDF : 1222905.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2094.457+/-0.580 χ^2/NDF : 1373629.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

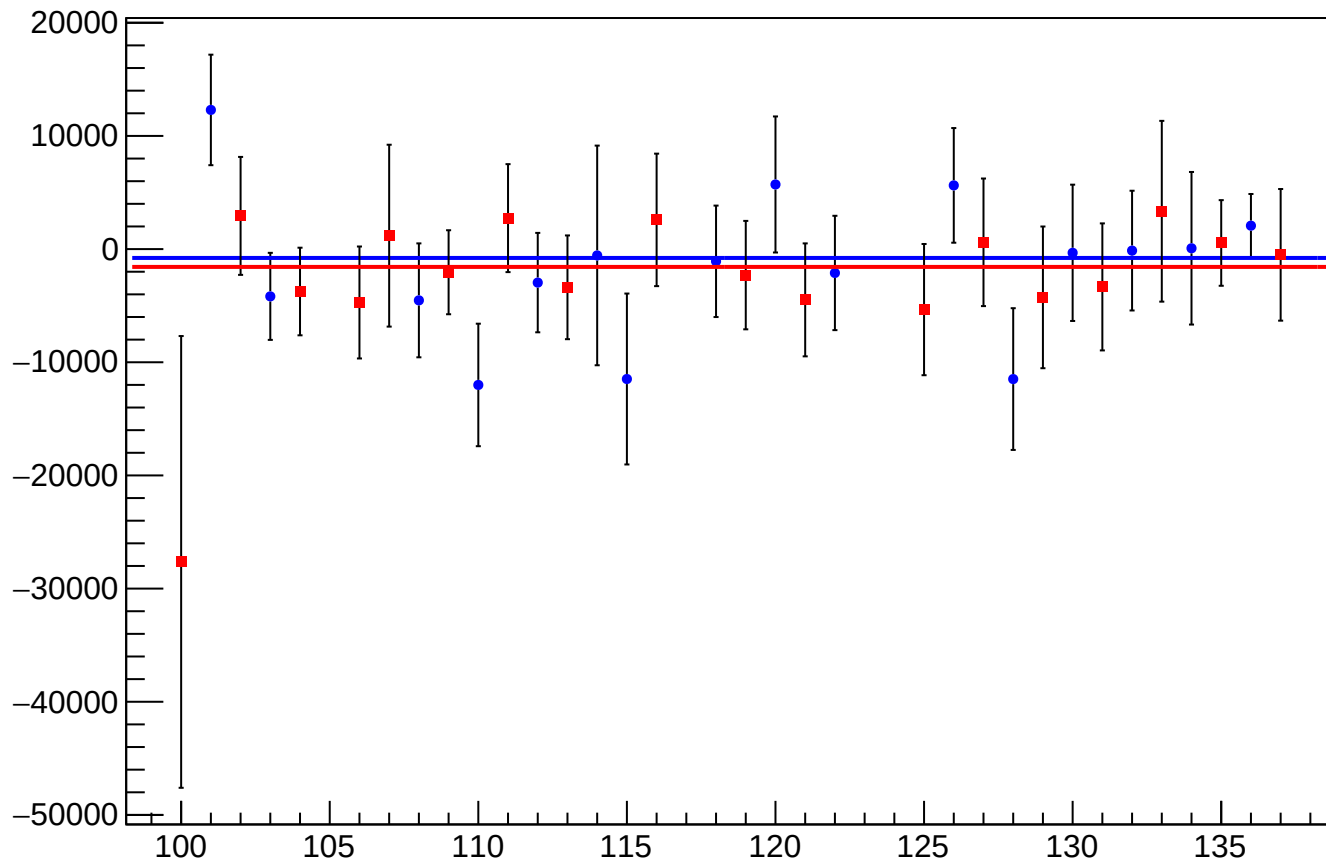
Right: 2145.856+/-0.420 χ^2/NDF : 2613045.0/33

In: 2202.391+/-0.608 χ^2/NDF :1222905.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2145.856+/-0.420 χ^2/NDF : 2613045.0/33

asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -781.619+/-1241.711 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1574.673+/-1218.961 χ^2/NDF : 6.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

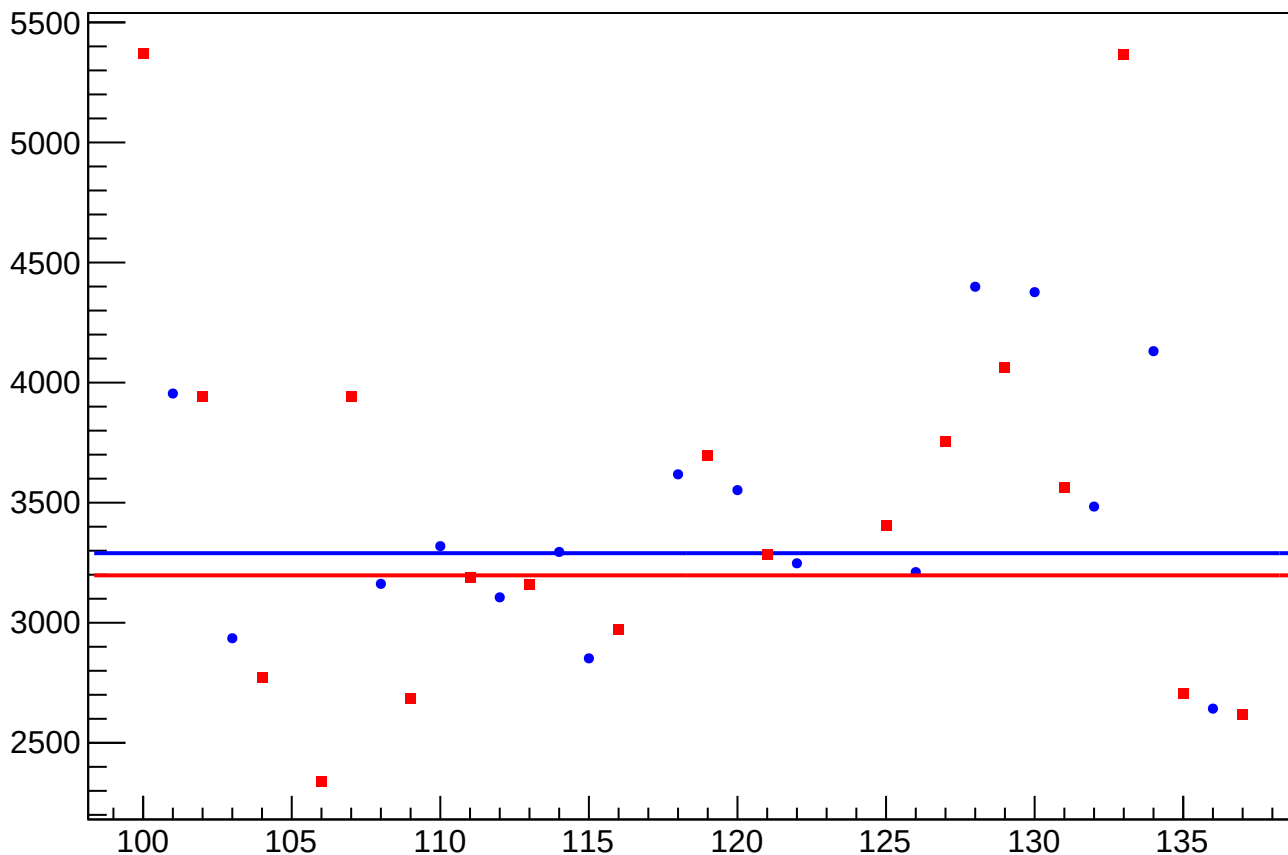
Right: -1185.478+/-869.867 χ^2/NDF : 28.8/33

In: -781.619+/-1241.711 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1185.478+/-869.867 χ^2/NDF : 28.8/33

asym_us_dd_at2lr_dd_avg_rms vs Slug, Sign Corrected



Right In: 3289.690+/-0.878 χ^2/NDF : 347594.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3197.375+/-0.862 χ^2/NDF : 499934.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

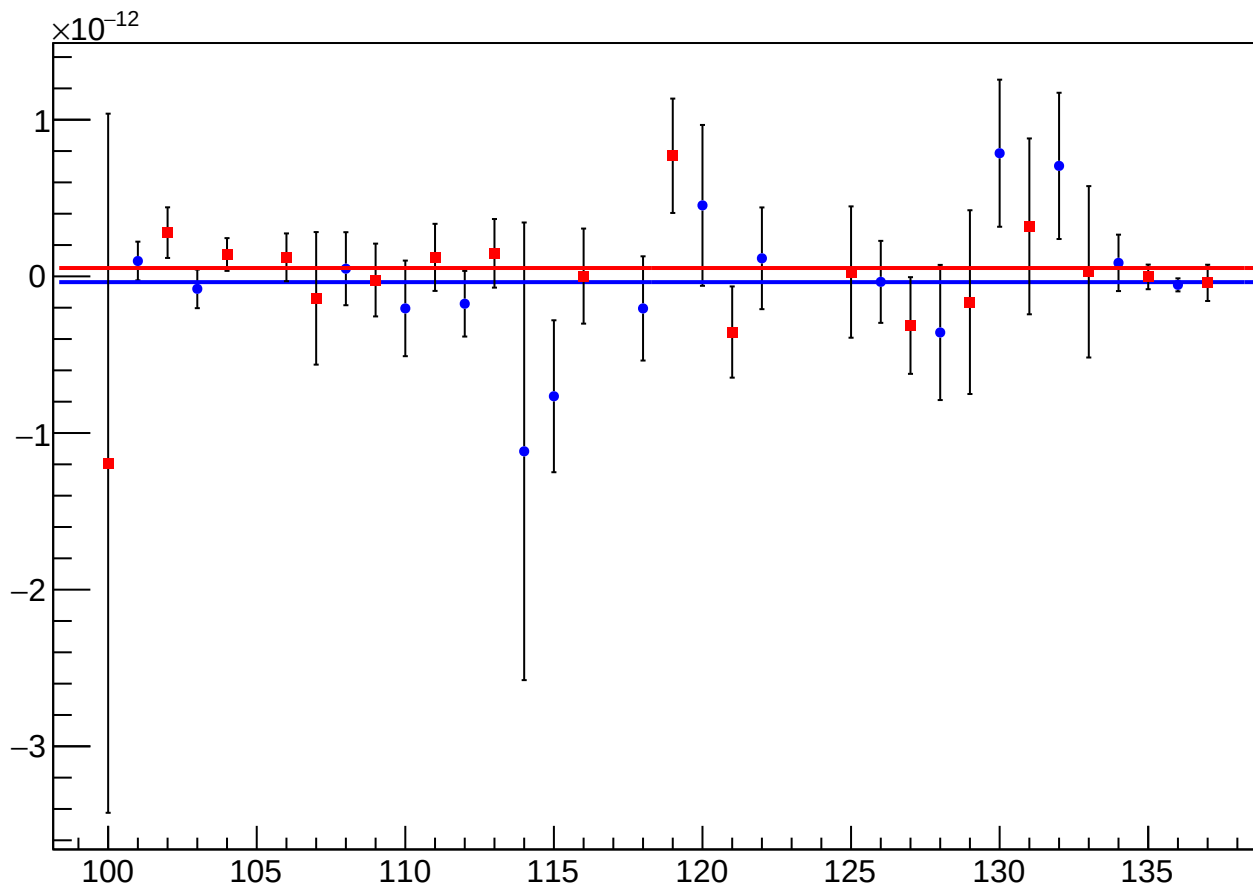
Right: 3242.678+/-0.615 χ^2/NDF : 853157.4/33

In: 3289.690+/-0.878 χ^2/NDF : 347594.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3242.678+/-0.615 χ^2/NDF : 853157.4/33

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

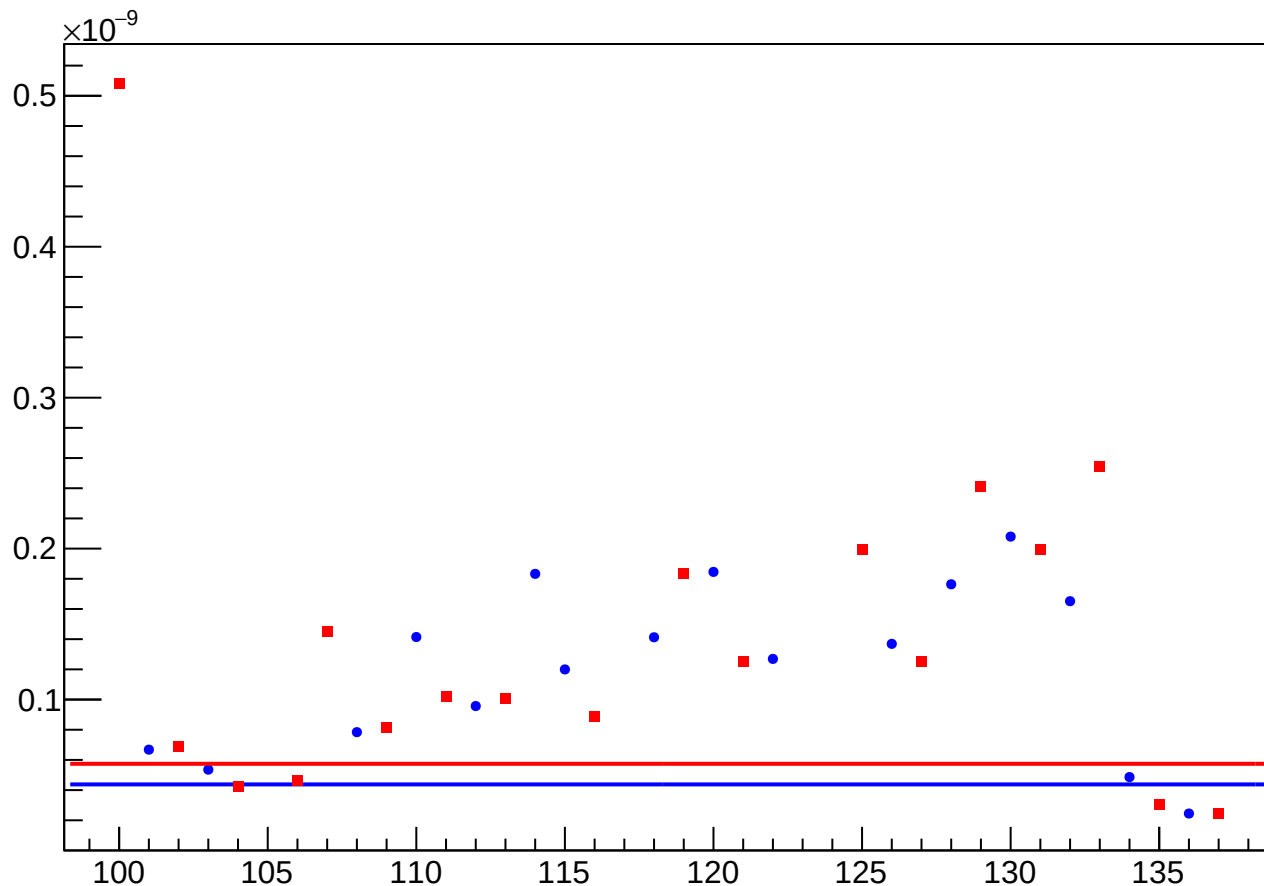
Right: -0.000+/-0.000 χ^2/NDF : 28.4/33

In: -0.000+/-0.000 χ^2/NDF : 13.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/33

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2227887.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2086696.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

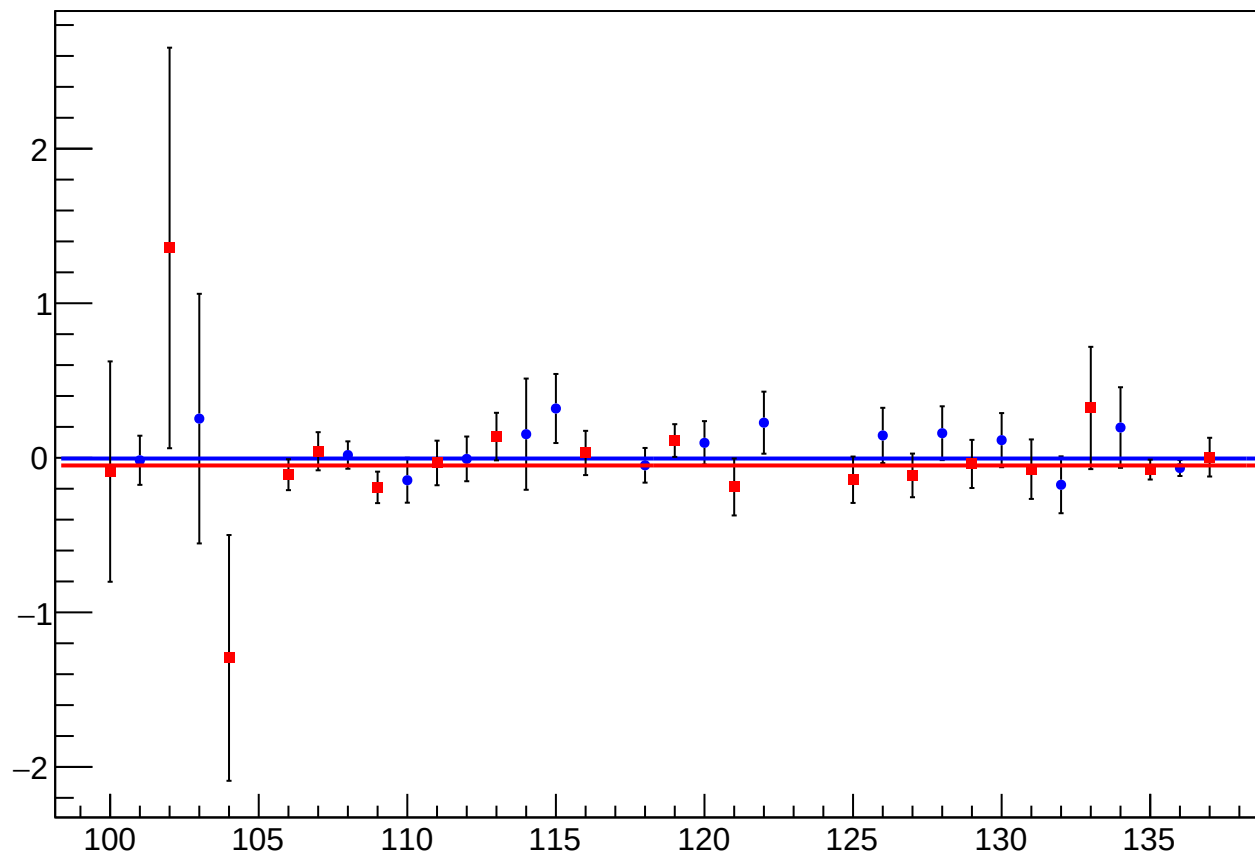
Right: 0.000+/-0.000 χ^2/NDF : 4436407.3/33

In: 0.000+/-0.000 χ^2/NDF : 2227887.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4436407.3/33

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.050 ± 0.032 χ^2/NDF : 13.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

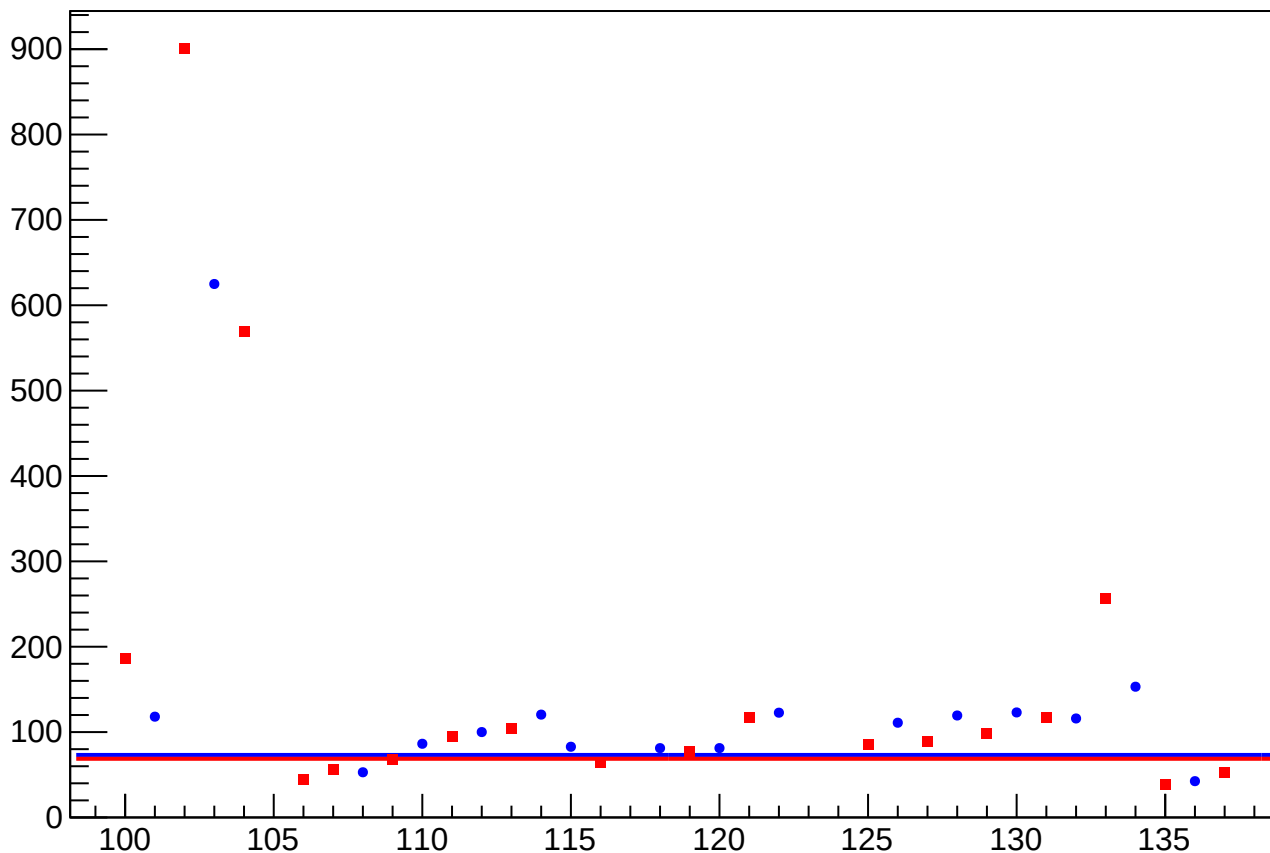
Right: -0.027 ± 0.023 χ^2/NDF : 24.3/33

In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.023 χ^2/NDF : 24.3/33

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.724+/-0.022 χ^2/NDF : 3331744.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

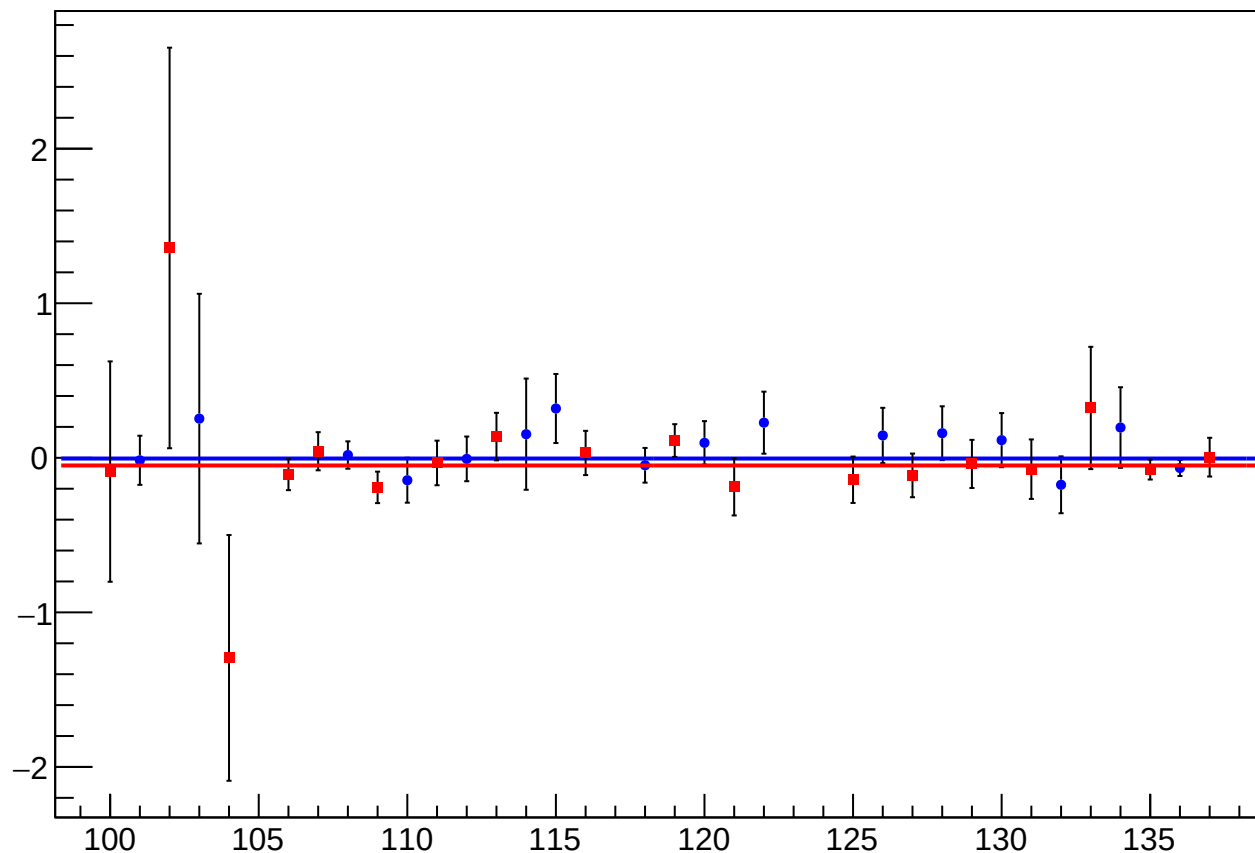
Right: 70.939+/-0.016 χ^2/NDF : 6206281.8/33

In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.939+/-0.016 χ^2/NDF : 6206281.8/33

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.032 $\chi^2/\text{NDF}: 10.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.050 ± 0.032 $\chi^2/\text{NDF}: 13.0/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

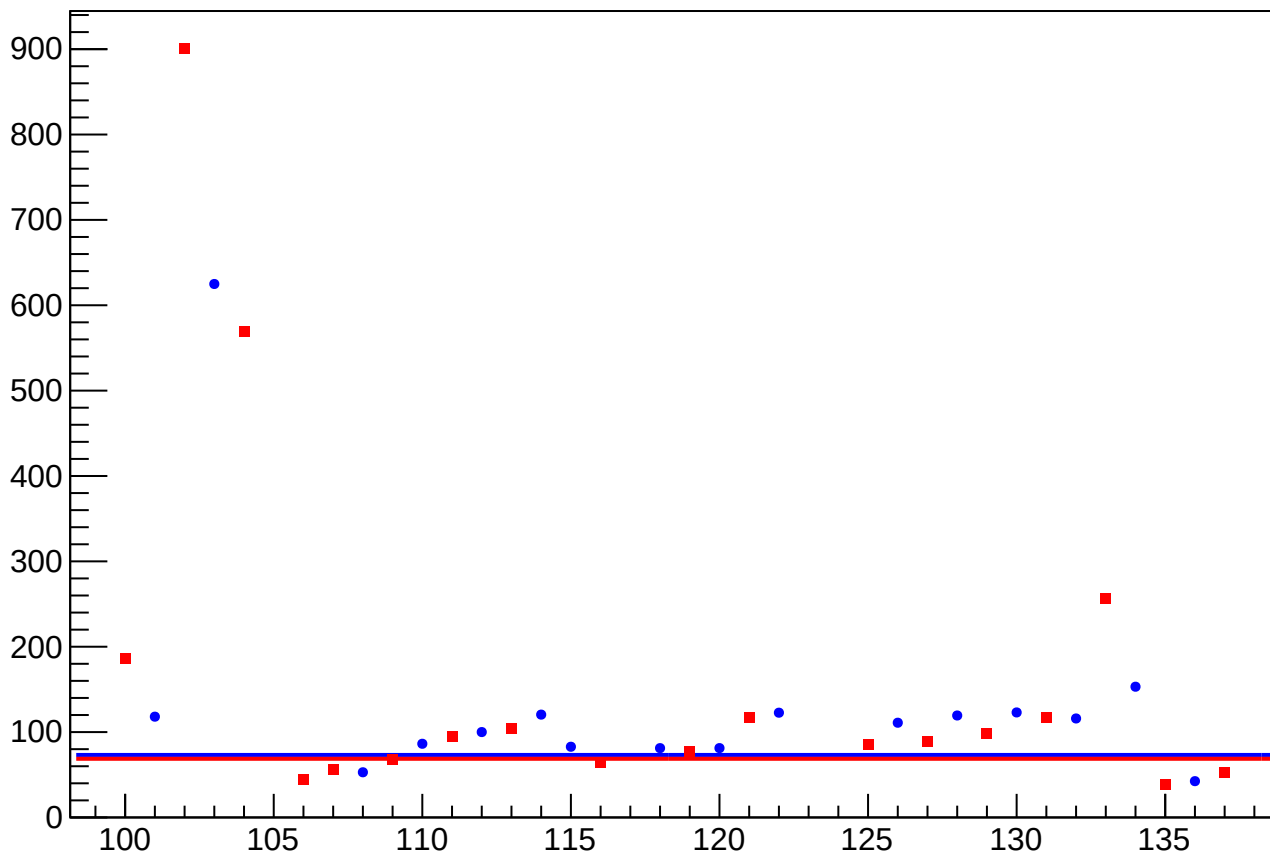
Right: -0.027 ± 0.023 $\chi^2/\text{NDF}: 24.3/33$

In: -0.005 ± 0.032 $\chi^2/\text{NDF}: 10.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.027 ± 0.023 $\chi^2/\text{NDF}: 24.3/33$

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.724+/-0.022 χ^2/NDF : 3331744.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

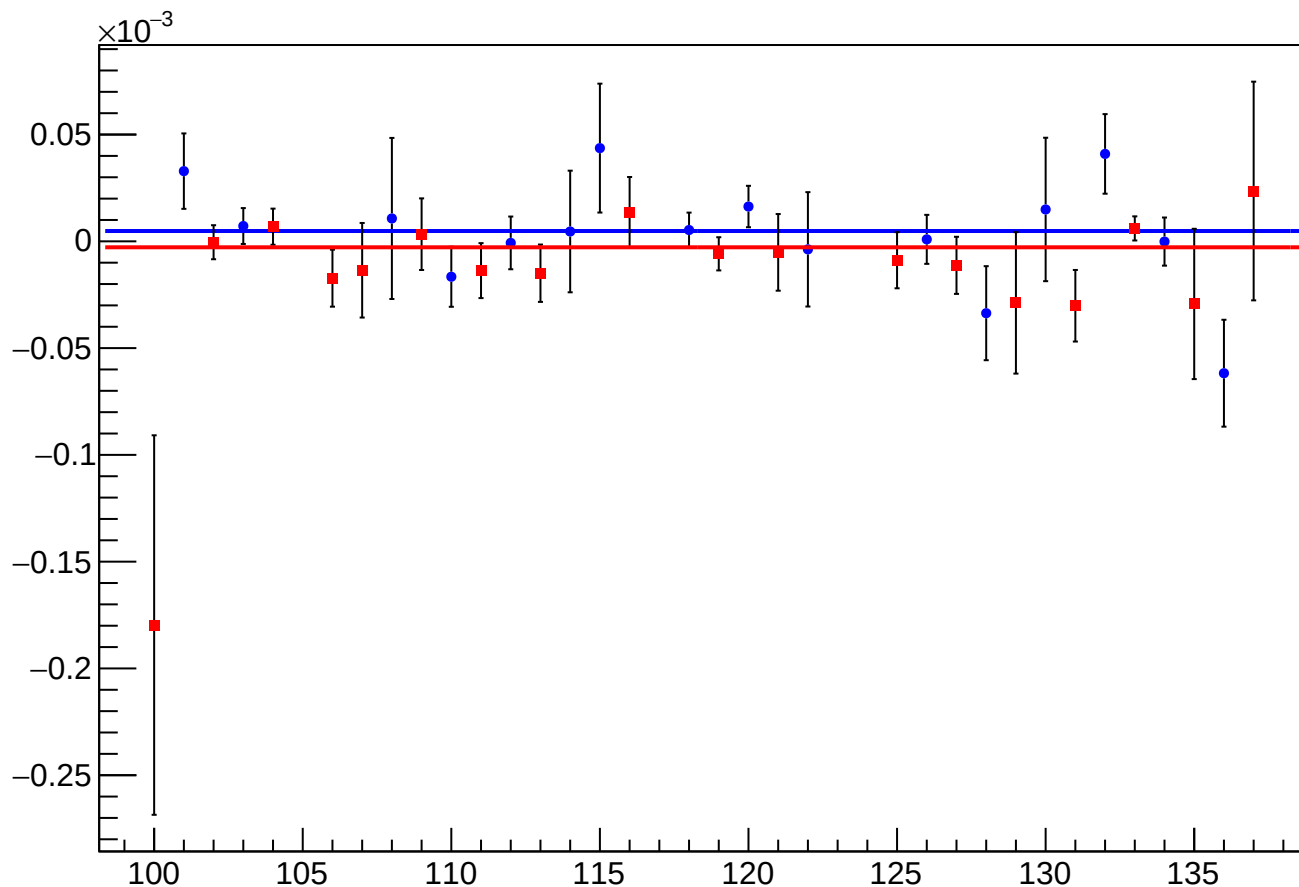
Right: 70.939+/-0.016 χ^2/NDF : 6206281.8/33

In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.939+/-0.016 χ^2/NDF : 6206281.8/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

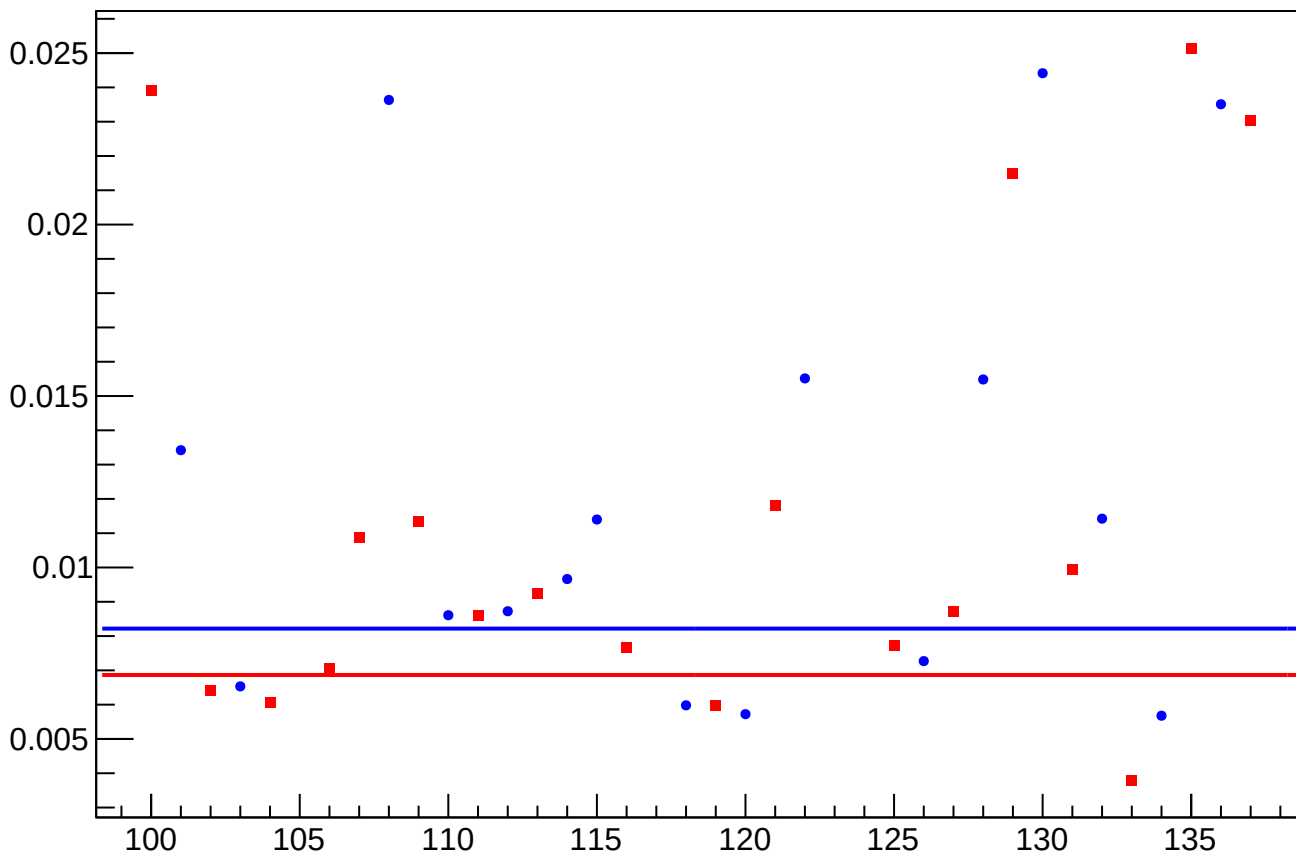
Right: 0.000+/-0.000 χ^2/NDF : 42.2/33

In: 0.000+/-0.000 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.2/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 2656170.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2426444.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

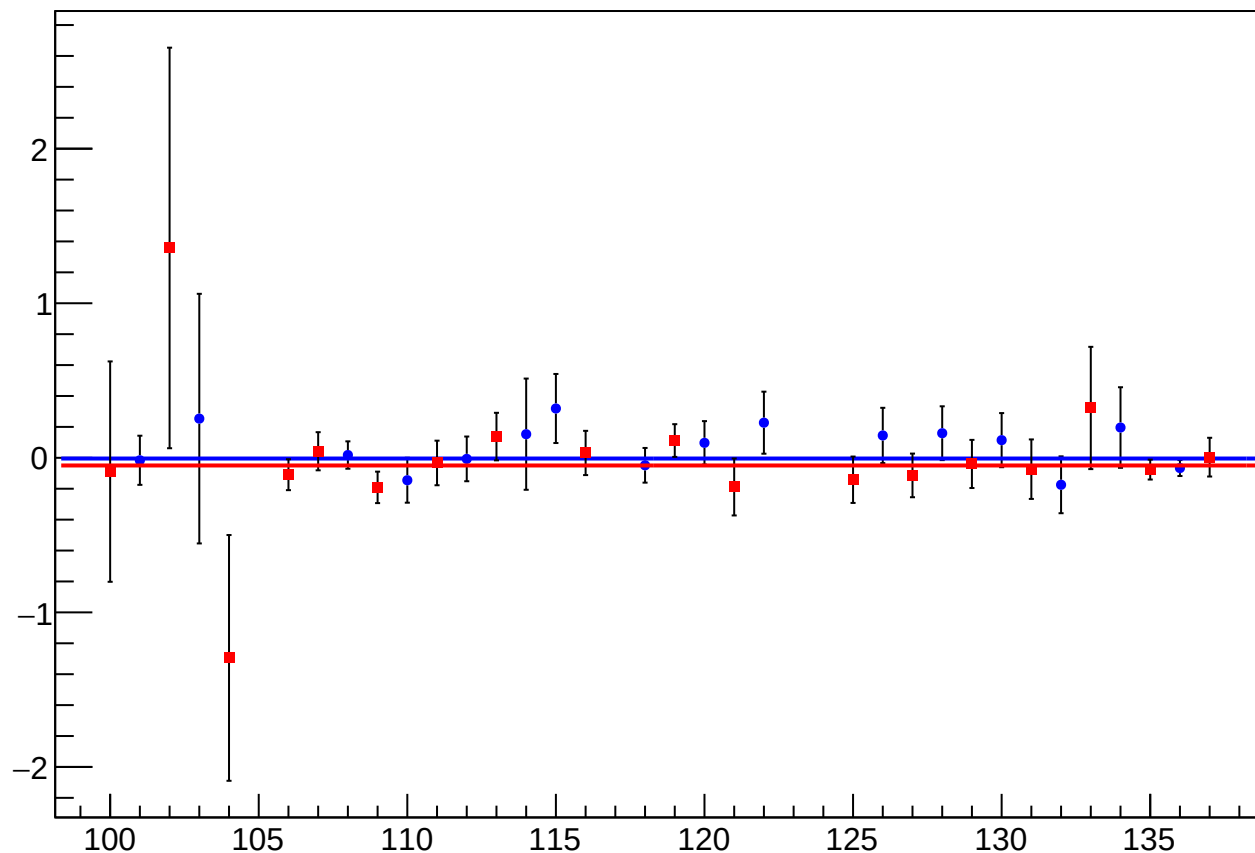
Right: 0.007+/-0.000 χ^2/NDF : 5263403.5/33

In: 0.008+/-0.000 χ^2/NDF :2656170.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 5263403.5/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.050 ± 0.032 χ^2/NDF : 13.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

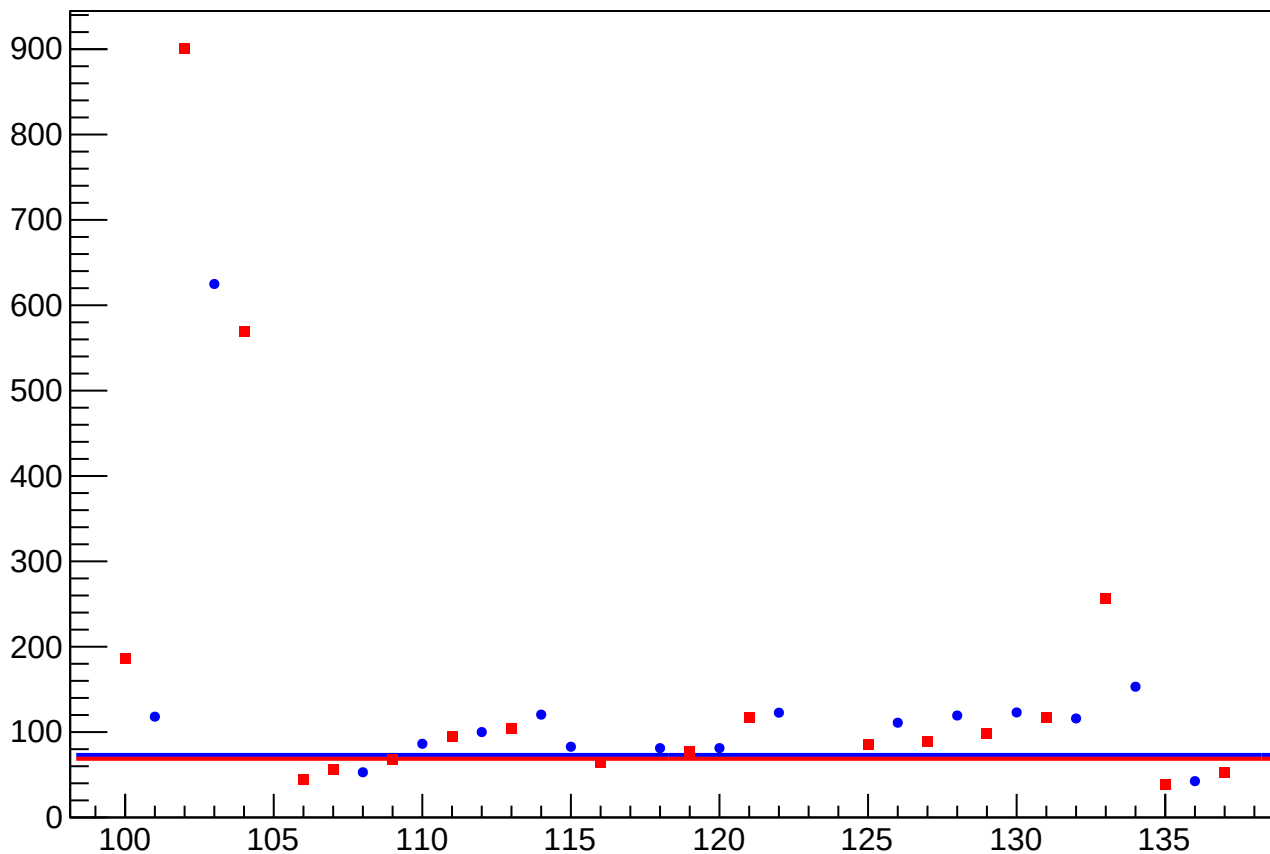
Right: -0.027 ± 0.023 χ^2/NDF : 24.3/33

In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.023 χ^2/NDF : 24.3/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.260+/-0.023 χ^2/NDF : 2852306.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.713+/-0.022 χ^2/NDF : 3332744.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

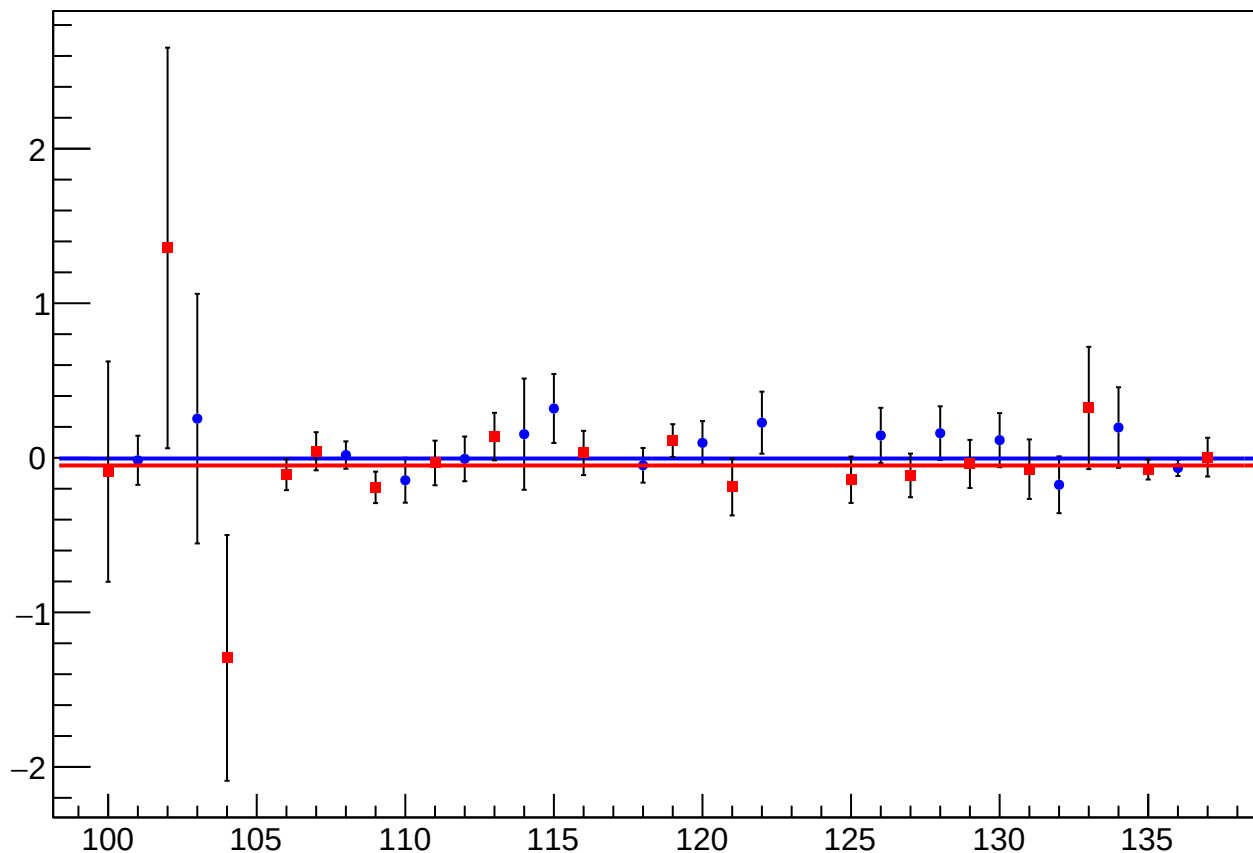
Right: 70.945+/-0.016 χ^2/NDF : 6205307.5/33

In: 73.260+/-0.023 χ^2/NDF : 2852306.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.945+/-0.016 χ^2/NDF : 6205307.5/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.050 ± 0.032 χ^2/NDF : 13.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

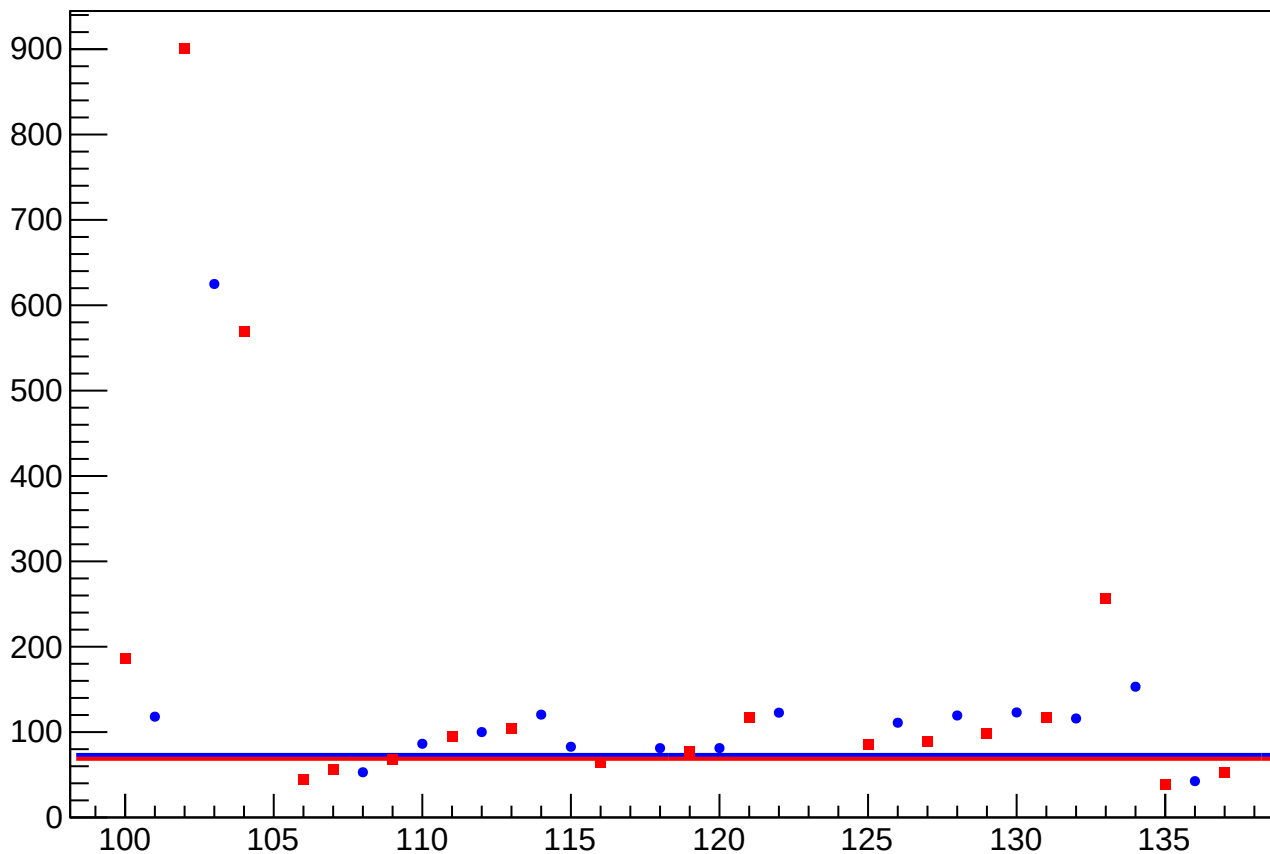
Right: -0.027 ± 0.023 χ^2/NDF : 24.3/33

In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.027 ± 0.023 χ^2/NDF : 24.3/33

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 73.260+/-0.023 χ^2/NDF : 2852306.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 68.713+/-0.022 χ^2/NDF : 3332744.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

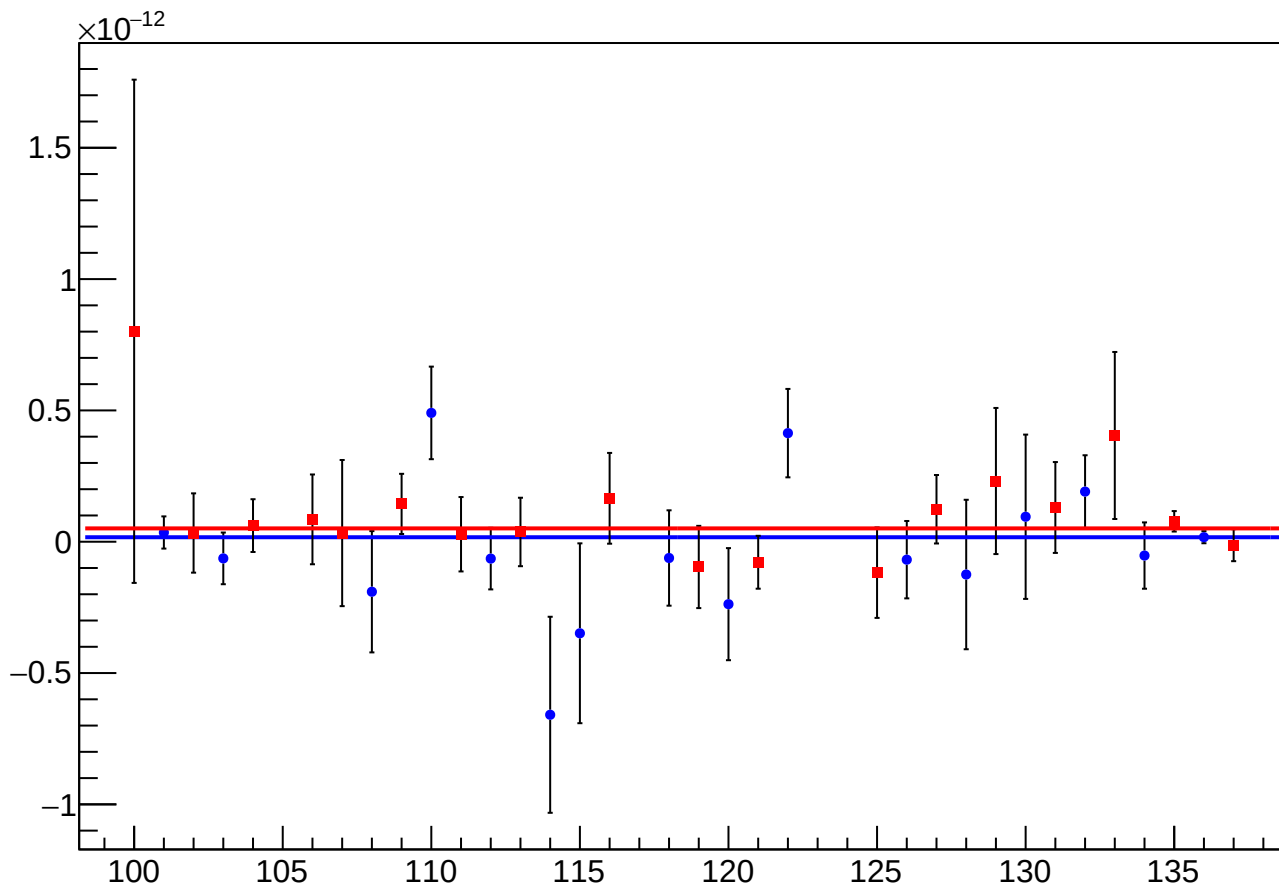
Right: 70.945+/-0.016 χ^2/NDF : 6205307.5/33

In: 73.260+/-0.023 χ^2/NDF :2852306.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 70.945+/-0.016 χ^2/NDF : 6205307.5/33

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

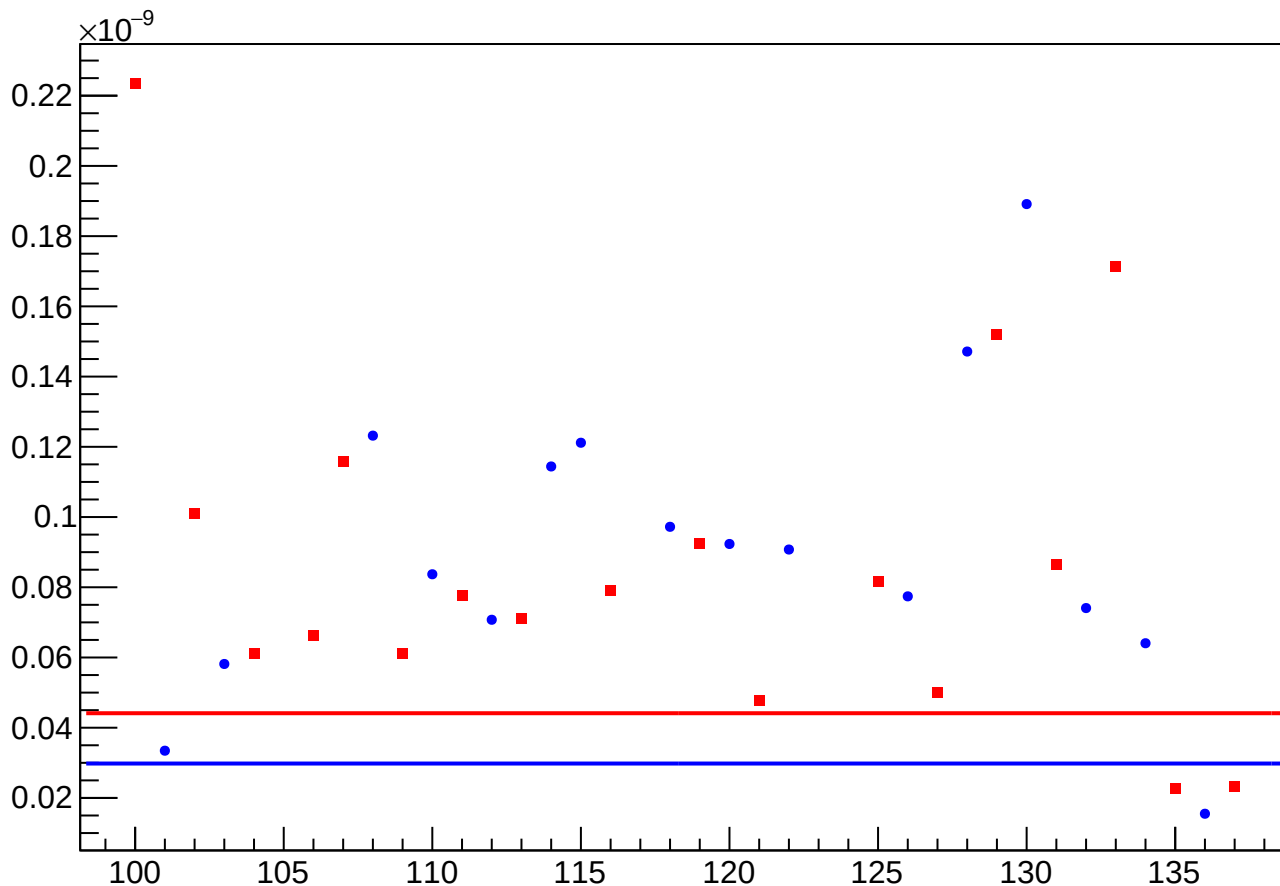
Right: 0.000+/-0.000 χ^2/NDF : 33.6/33

In: 0.000+/-0.000 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.6/33

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4079776.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2779318.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

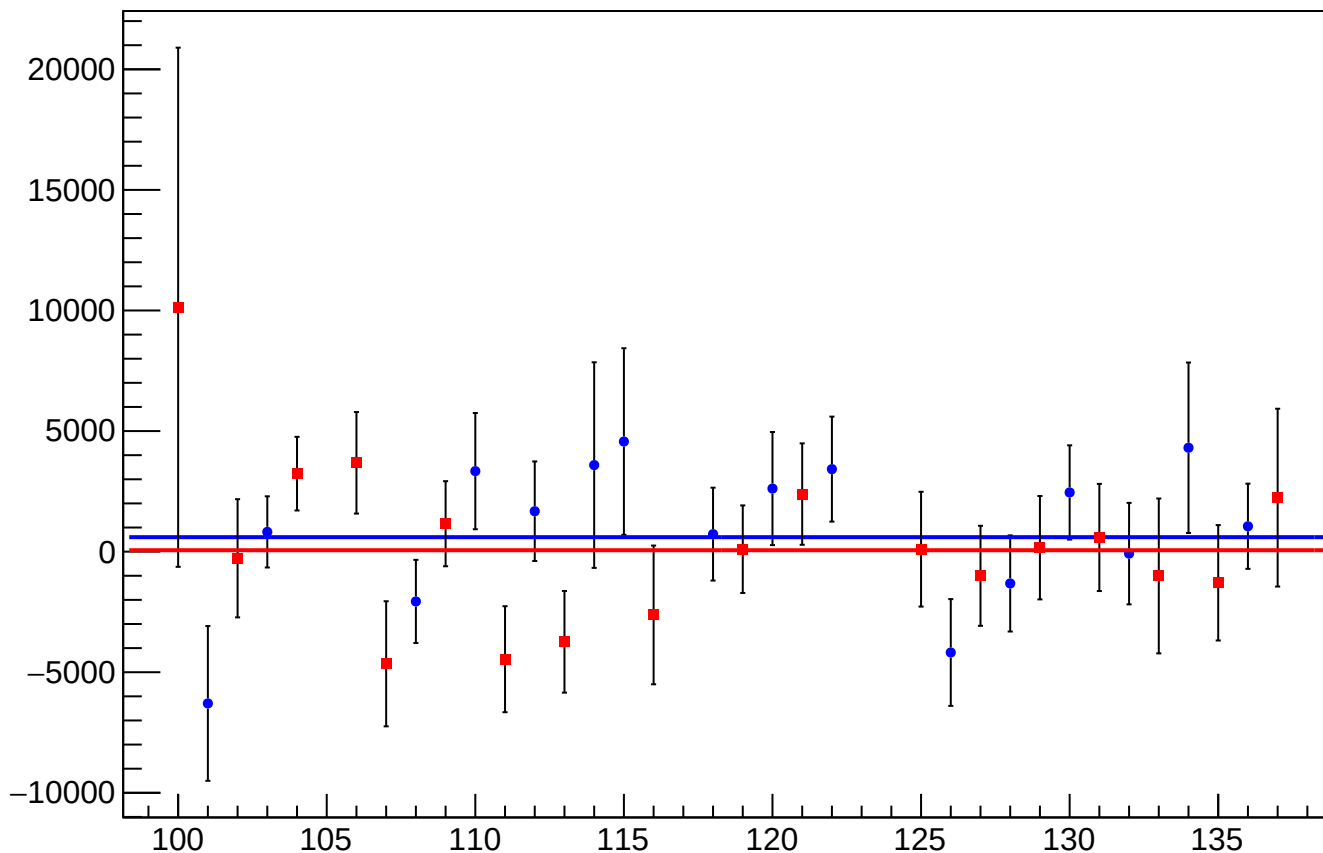
Right: 0.000+/-0.000 χ^2/NDF : 7274202.8/33

In: 0.000+/-0.000 χ^2/NDF : 4079776.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7274202.8/33

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 600.146 $\pm$ 540.053 χ^2 /NDF: 20.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.091 $\pm$ 530.206 χ^2 /NDF: 22.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

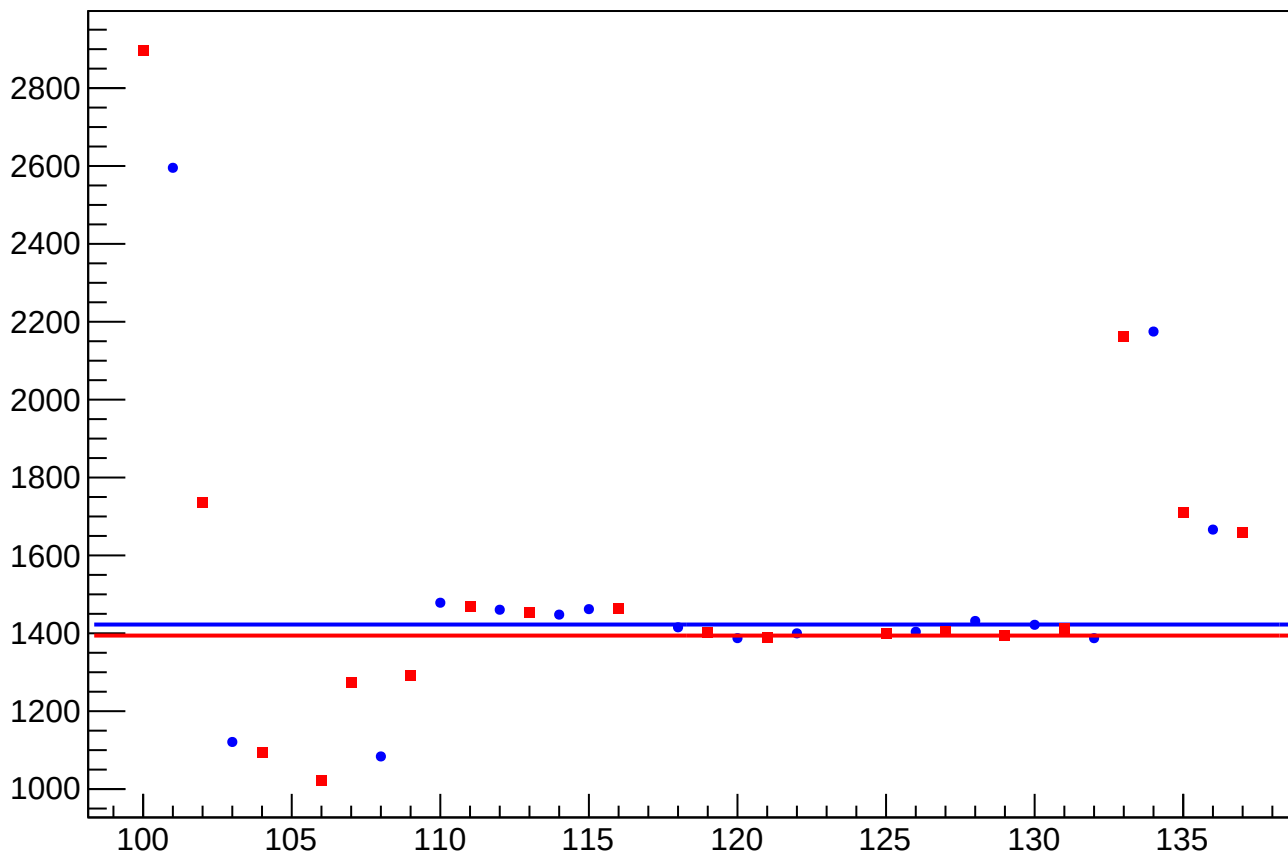
Right: 324.641 $\pm$ 378.346 χ^2 /NDF: 43.4/33

In: 600.146 $\pm$ 540.053 χ^2 /NDF:20.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 324.641 $\pm$ 378.346 χ^2 /NDF: 43.4/33

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1422.515+/-0.382 χ^2/NDF : 560259.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1394.171+/-0.375 χ^2/NDF : 393666.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

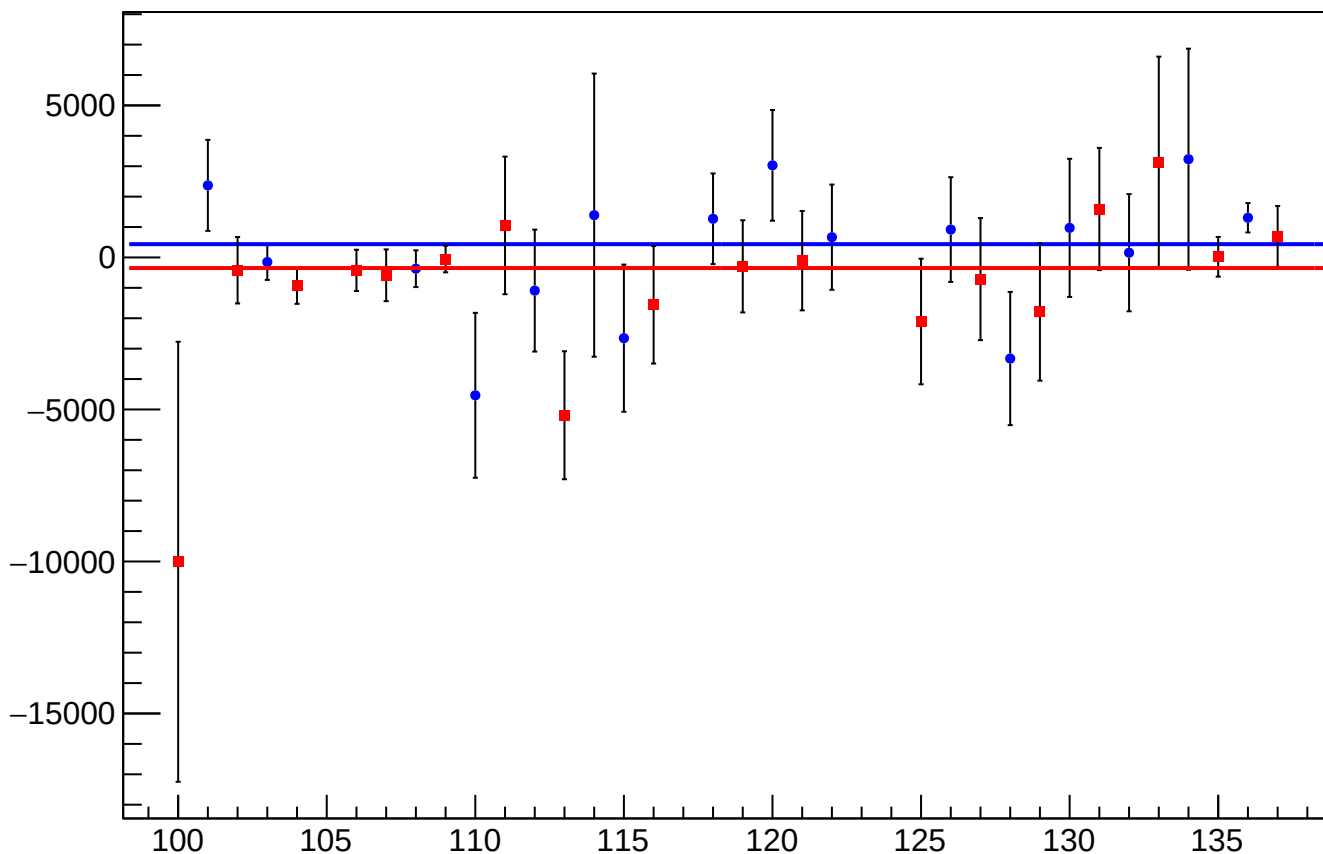
Right: 1408.082+/-0.268 χ^2/NDF : 956730.5/33

In: 1422.515+/-0.382 χ^2/NDF :560259.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1408.082+/-0.268 χ^2/NDF : 956730.5/33

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 436.509+/-275.917 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -348.567+/-233.745 χ^2/NDF : 13.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

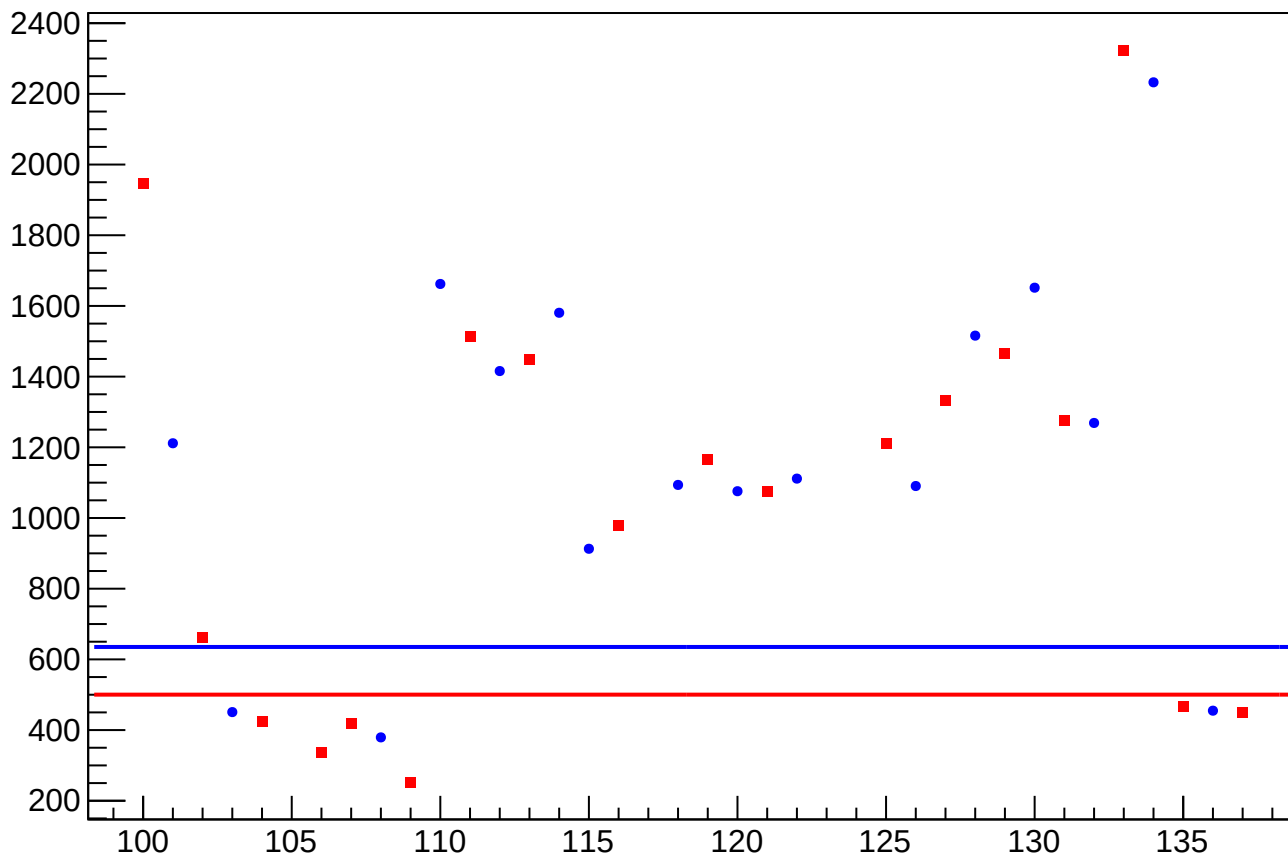
Right: -20.548+/-178.349 χ^2/NDF : 38.0/33

In: 436.509+/-275.917 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.548+/-178.349 χ^2/NDF : 38.0/33

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 635.135+/-0.195 χ^2/NDF : 3752583.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 500.231+/-0.165 χ^2/NDF : 4309093.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

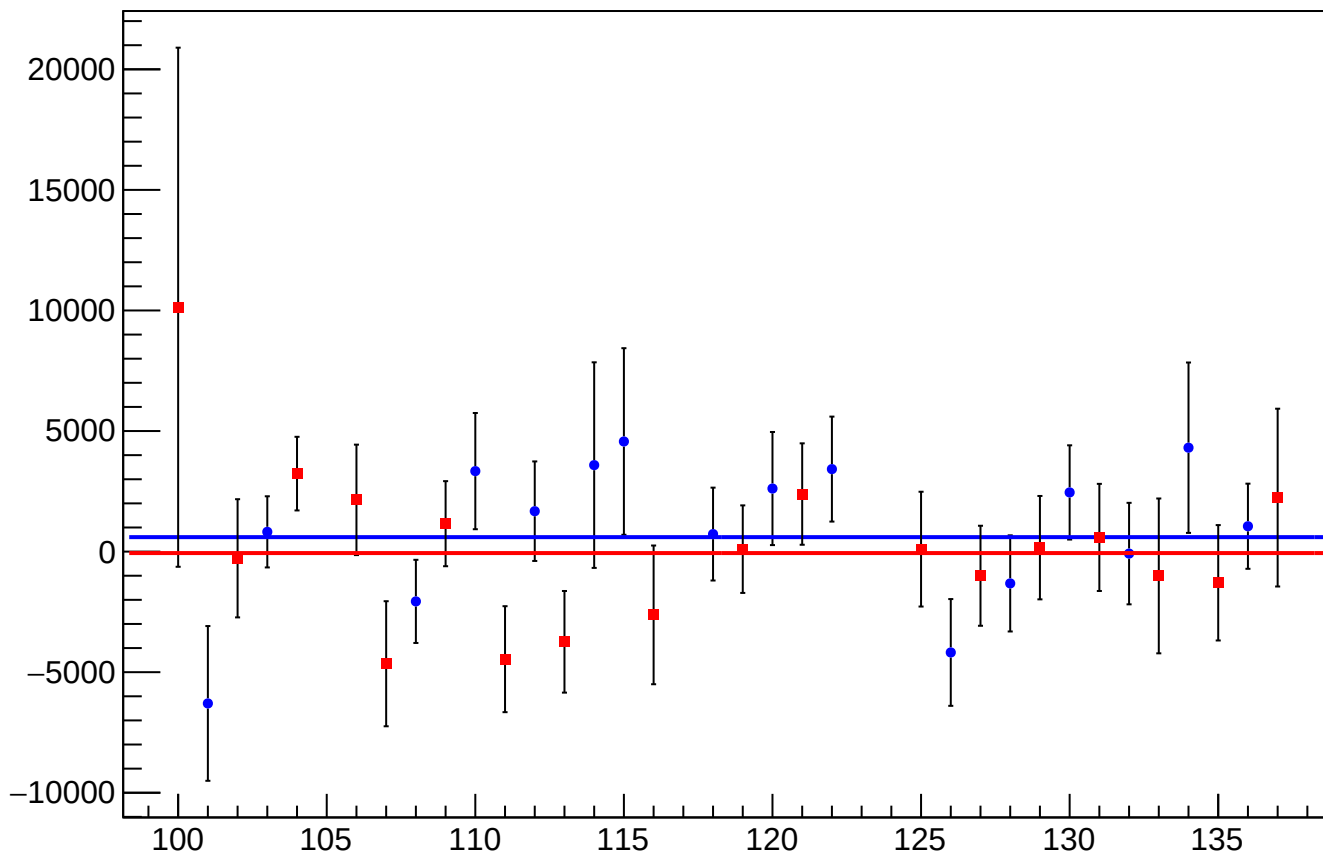
Right: 556.596+/-0.126 χ^2/NDF : 8340019.1/33

In: 635.135+/-0.195 χ^2/NDF :3752583.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 556.596+/-0.126 χ^2/NDF : 8340019.1/33

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.361+/-532.826 χ^2/NDF : 20.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

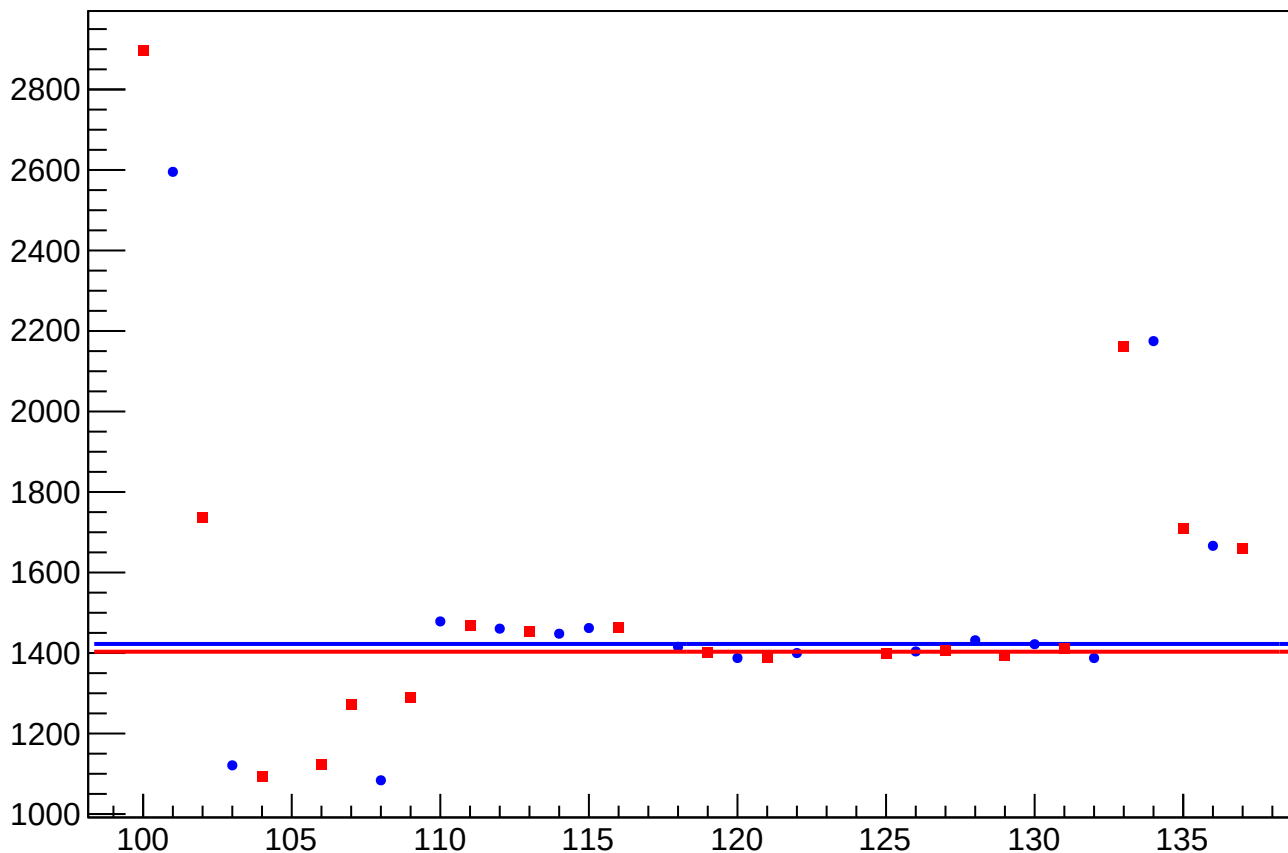
Right: 265.381+/-379.294 χ^2/NDF : 41.4/33

In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.381+/-379.294 χ^2/NDF : 41.4/33

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1422.515+/-0.382 χ^2/NDF : 560259.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1403.220+/-0.377 χ^2/NDF : 359113.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

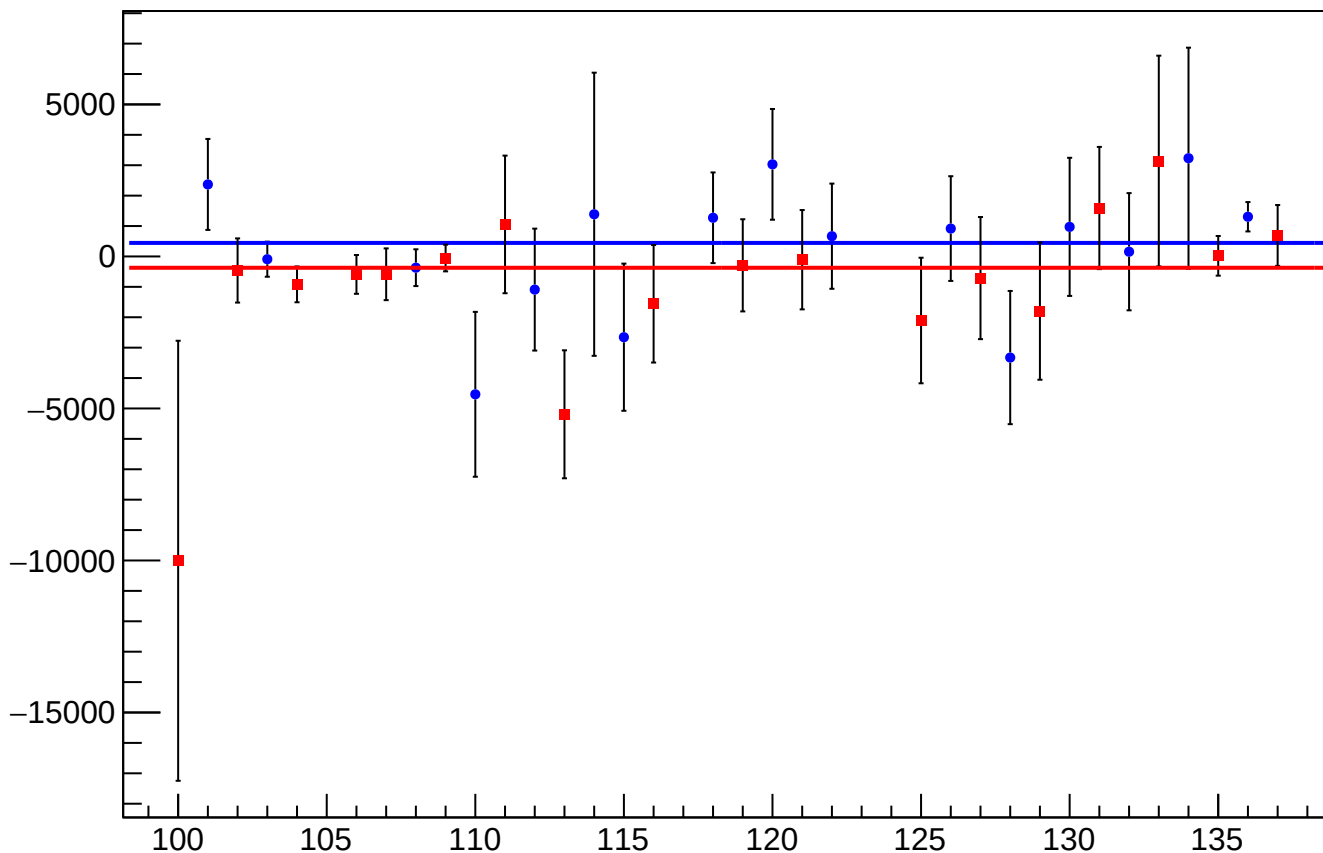
Right: 1412.737+/-0.268 χ^2/NDF : 920666.7/33

In: 1422.515+/-0.382 χ^2/NDF :560259.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1412.737+/-0.268 χ^2/NDF : 920666.7/33

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.538+/-231.353 χ^2/NDF : 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

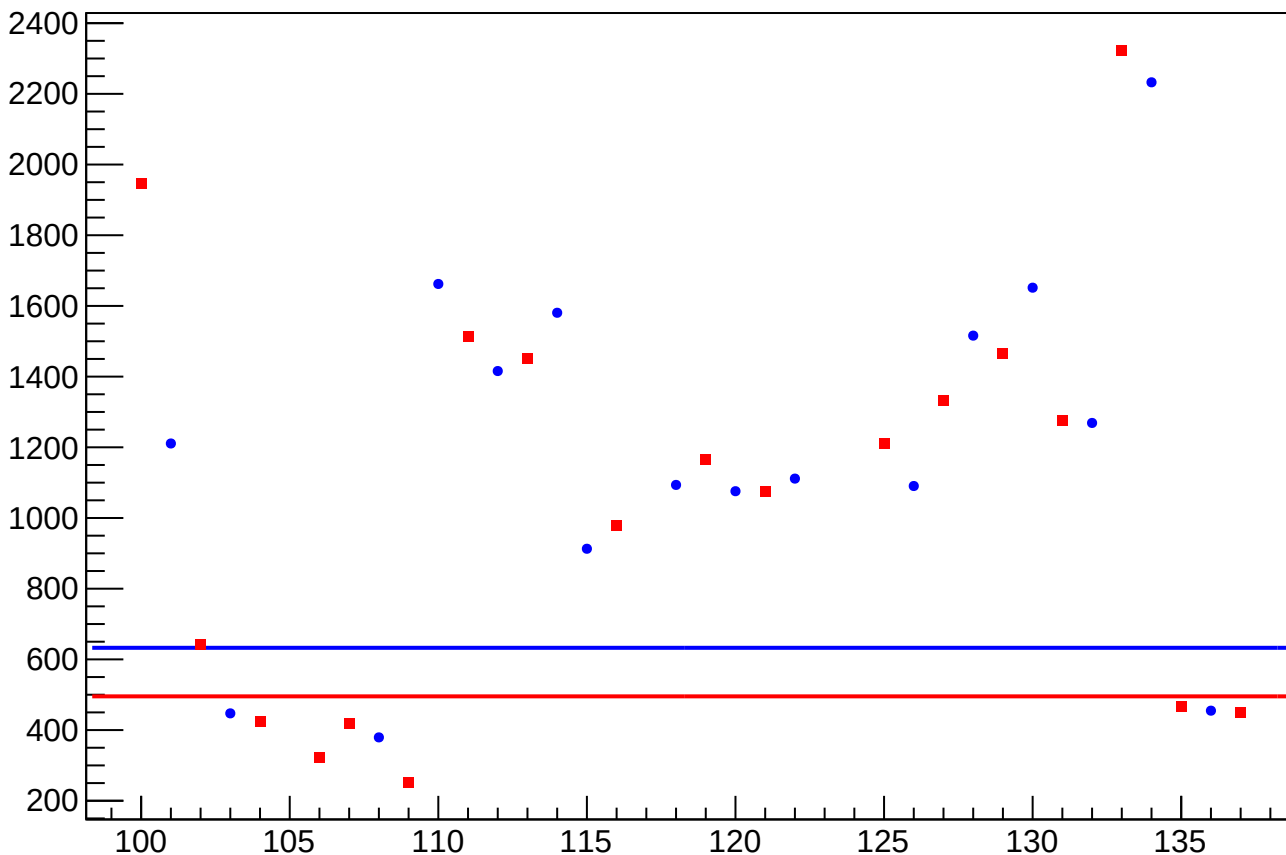
Right: -33.290+/-176.966 χ^2/NDF : 38.4/33

In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.290+/-176.966 χ^2/NDF : 38.4/33

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 632.753+/-0.194 χ^2/NDF : 3767731.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.380+/-0.164 χ^2/NDF : 4337484.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

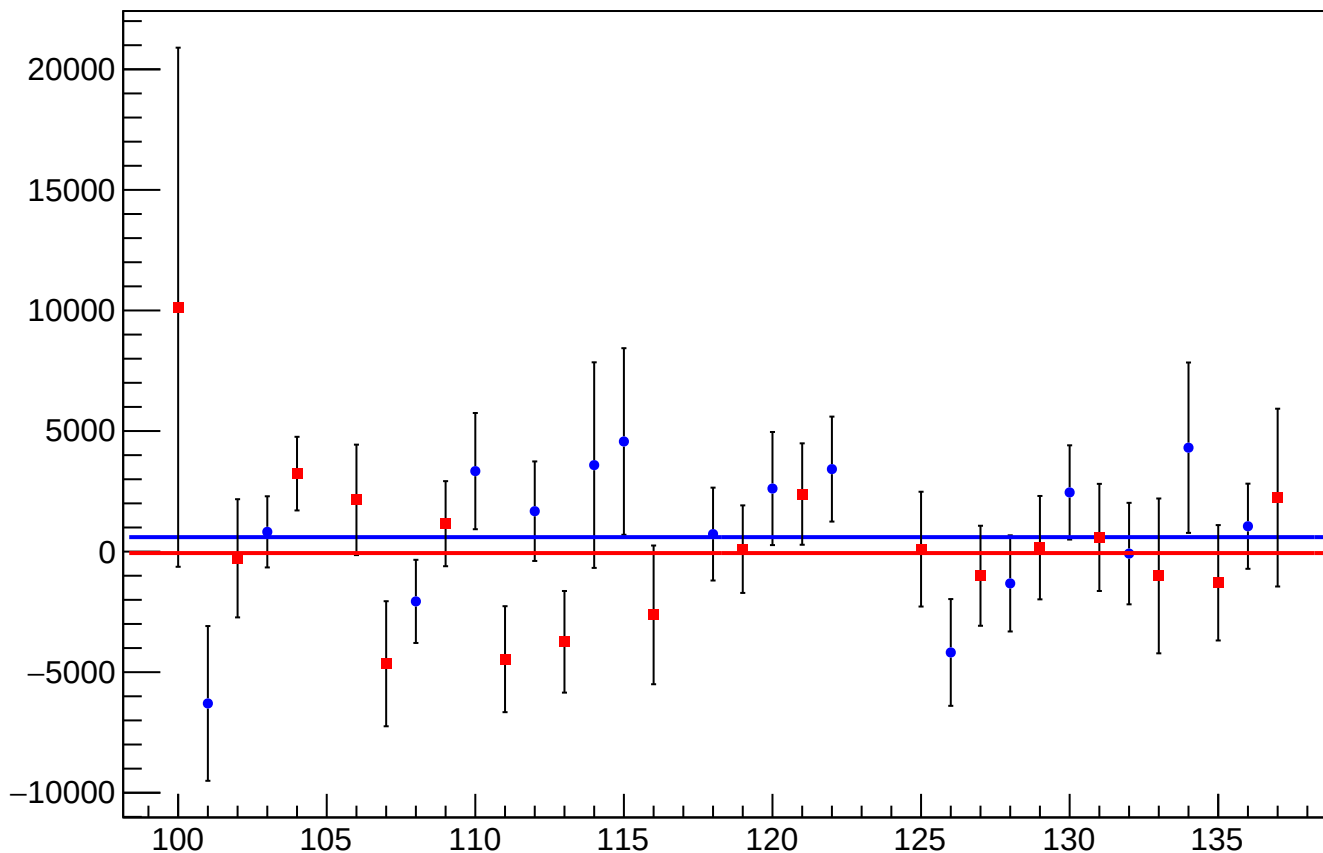
Right: 552.376+/-0.125 χ^2/NDF : 8397783.6/33

In: 632.753+/-0.194 χ^2/NDF : 3767731.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 552.376+/-0.125 χ^2/NDF : 8397783.6/33

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -60.361+/-532.826 χ^2/NDF : 20.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

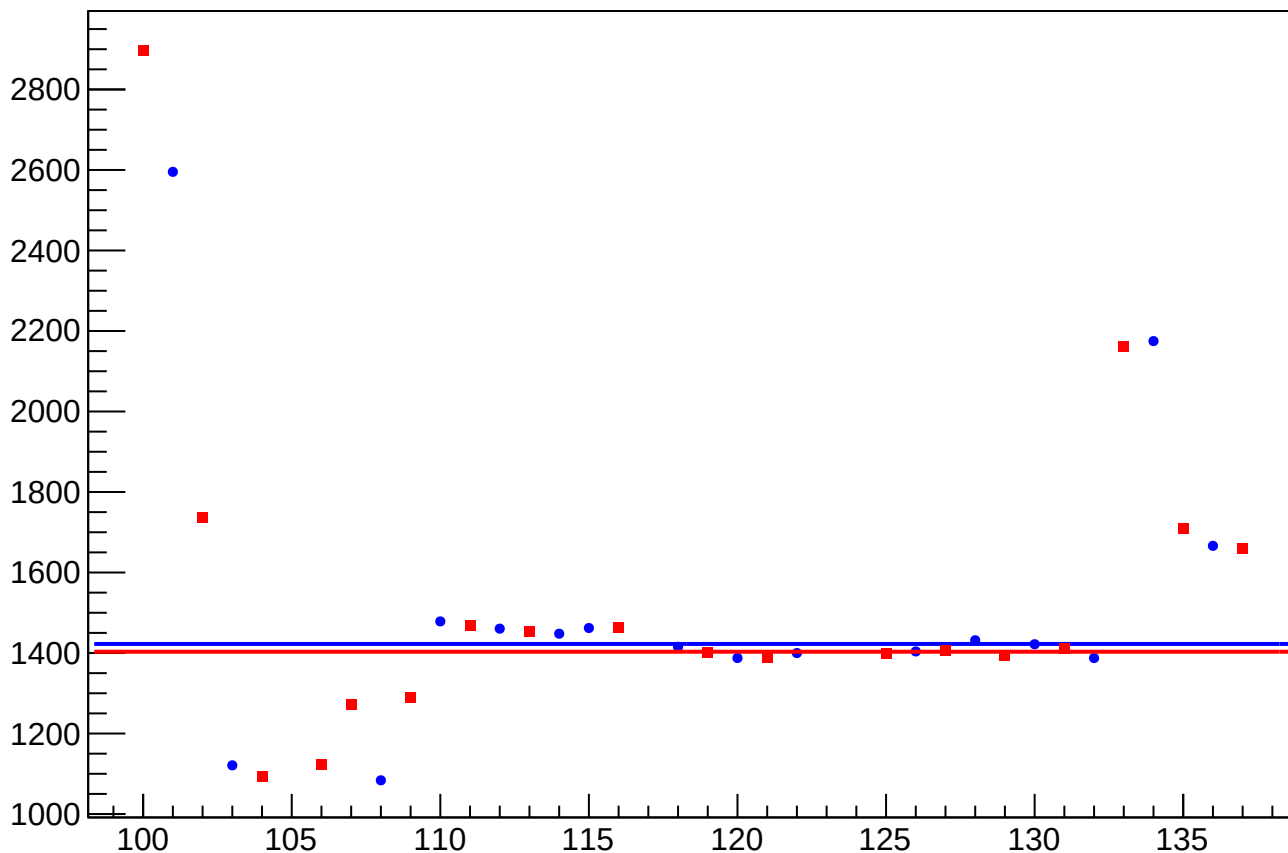
Right: 265.381+/-379.294 χ^2/NDF : 41.4/33

In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 265.381+/-379.294 χ^2/NDF : 41.4/33

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1422.515+/-0.382 χ^2/NDF : 560259.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1403.220+/-0.377 χ^2/NDF : 359113.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

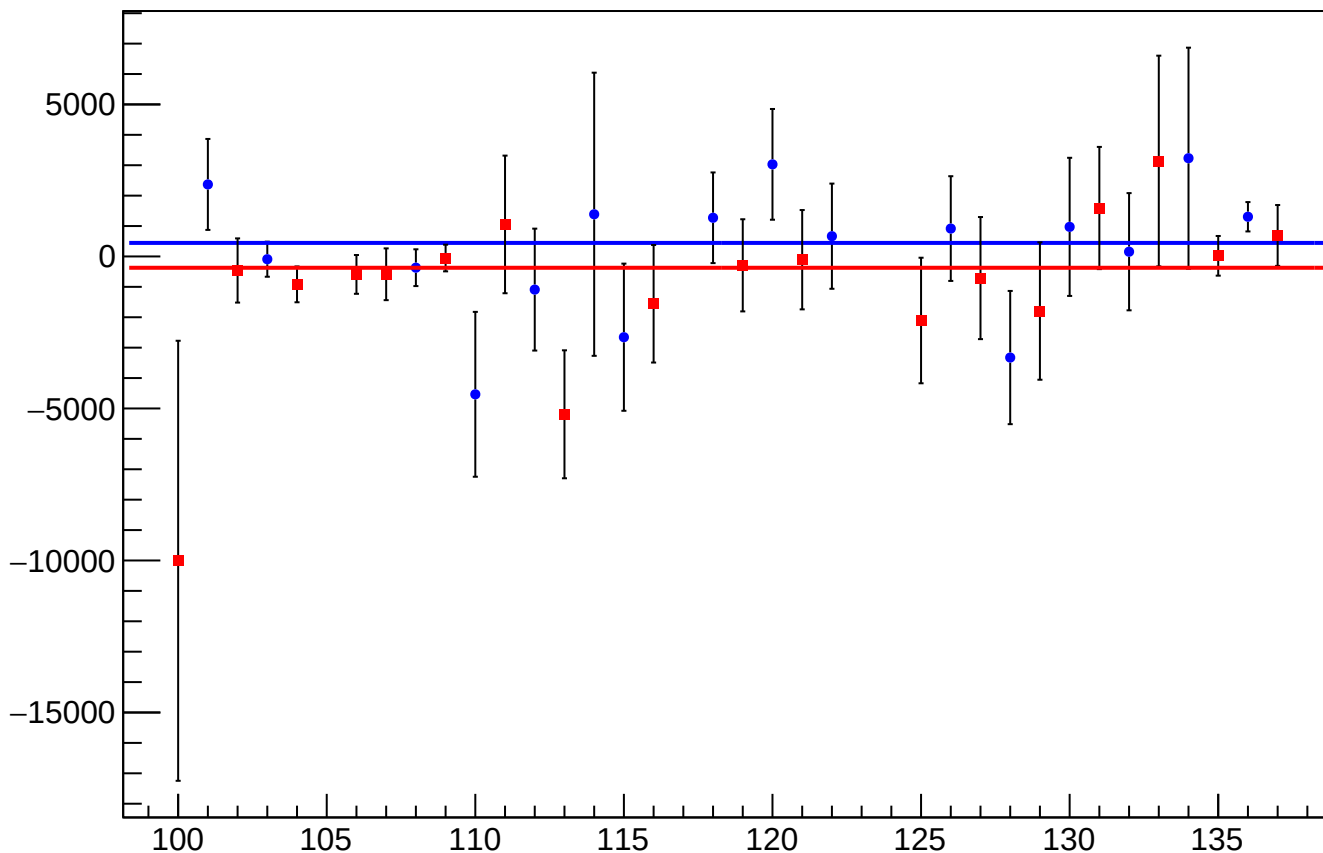
Right: 1412.737+/-0.268 χ^2/NDF : 920666.7/33

In: 1422.515+/-0.382 χ^2/NDF :560259.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1412.737+/-0.268 χ^2/NDF : 920666.7/33

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.538+/-231.353 χ^2/NDF : 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

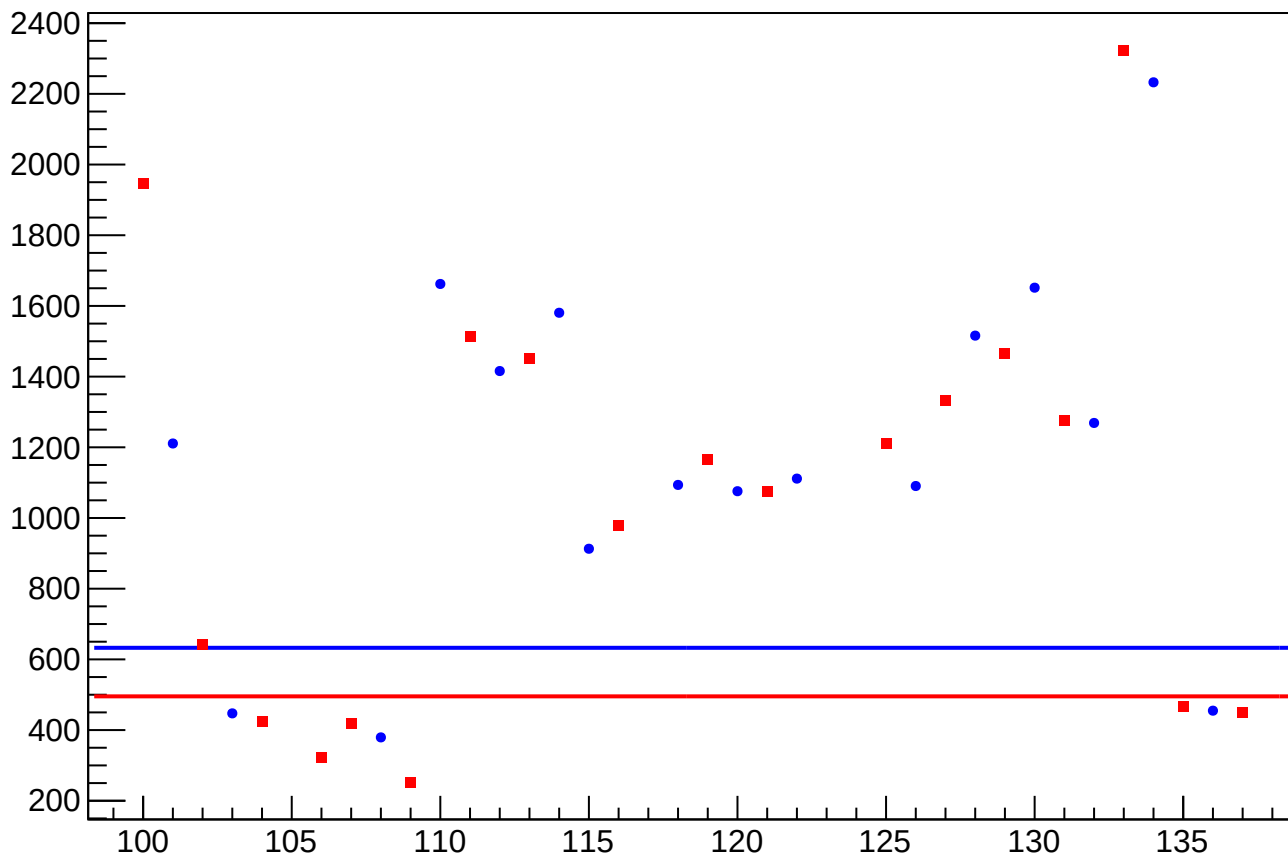
Right: -33.290+/-176.966 χ^2/NDF : 38.4/33

In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.290+/-176.966 χ^2/NDF : 38.4/33

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 632.753+/-0.194 χ^2/NDF : 3767731.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 495.380+/-0.164 χ^2/NDF : 4337484.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

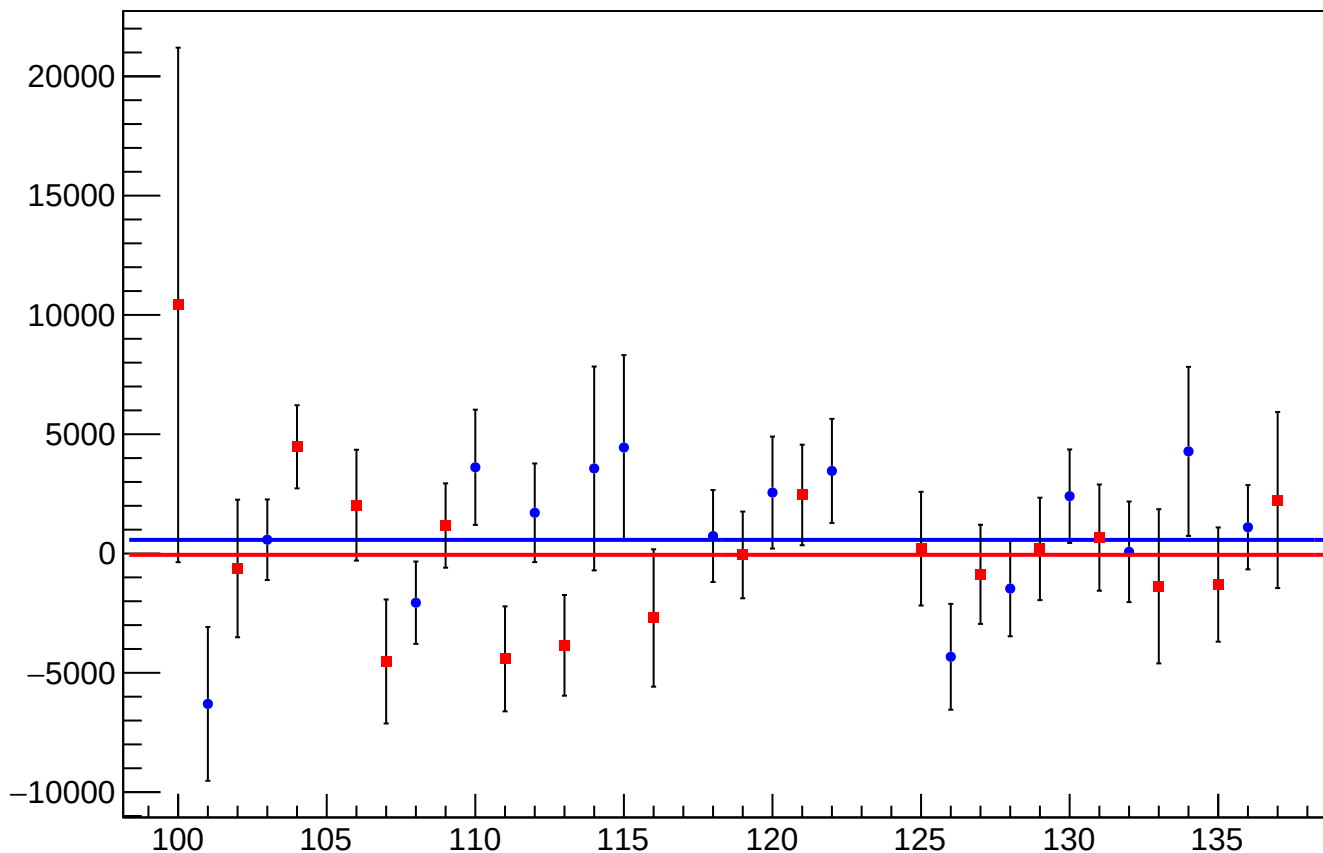
Right: 552.376+/-0.125 χ^2/NDF : 8397783.6/33

In: 632.753+/-0.194 χ^2/NDF :3767731.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 552.376+/-0.125 χ^2/NDF : 8397783.6/33

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 572.289+/-549.638 χ^2/NDF : 20.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.754+/-545.353 χ^2/NDF : 22.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

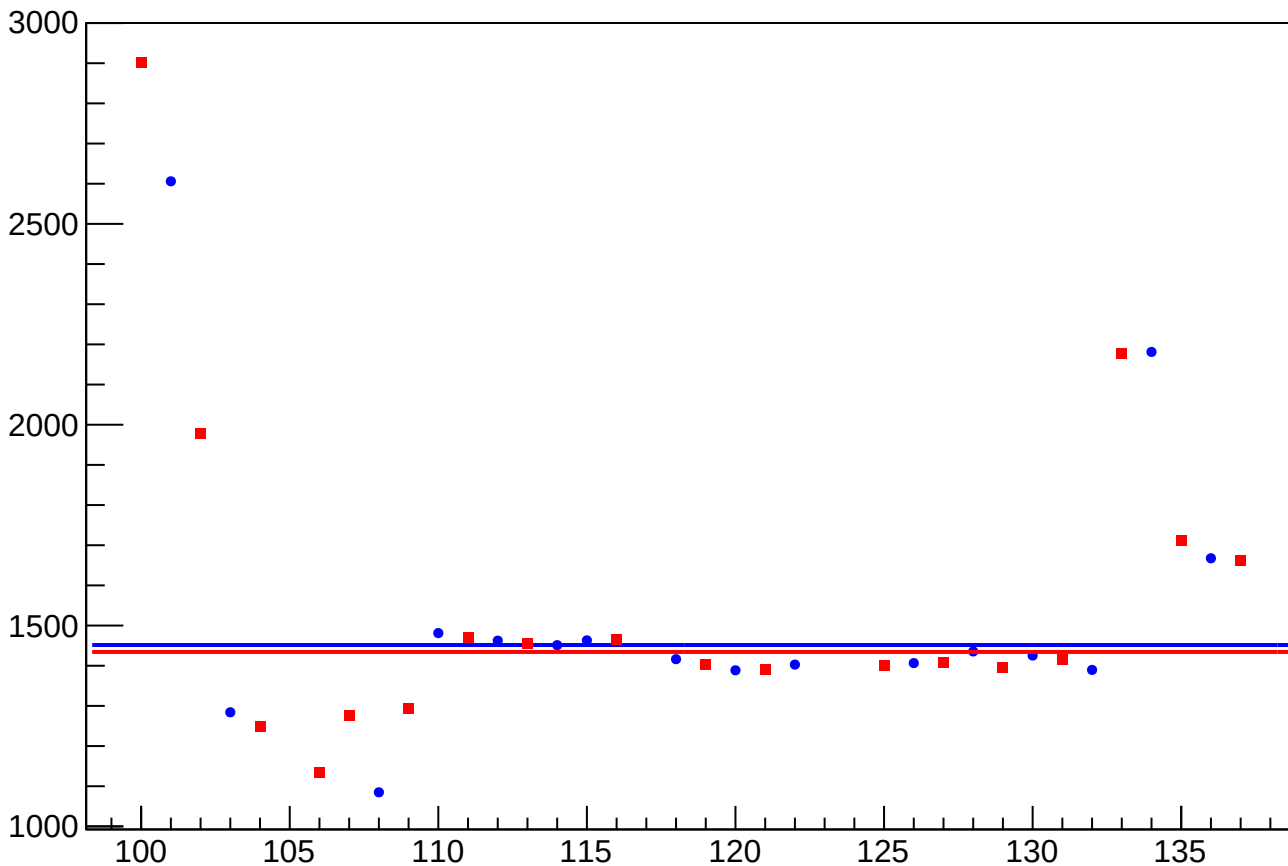
Right: 256.817+/-387.129 χ^2/NDF : 43.9/33

In: 572.289+/-549.638 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.817+/-387.129 χ^2/NDF : 43.9/33

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1451.579+/-0.389 χ^2/NDF : 487836.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1434.321+/-0.386 χ^2/NDF : 328590.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

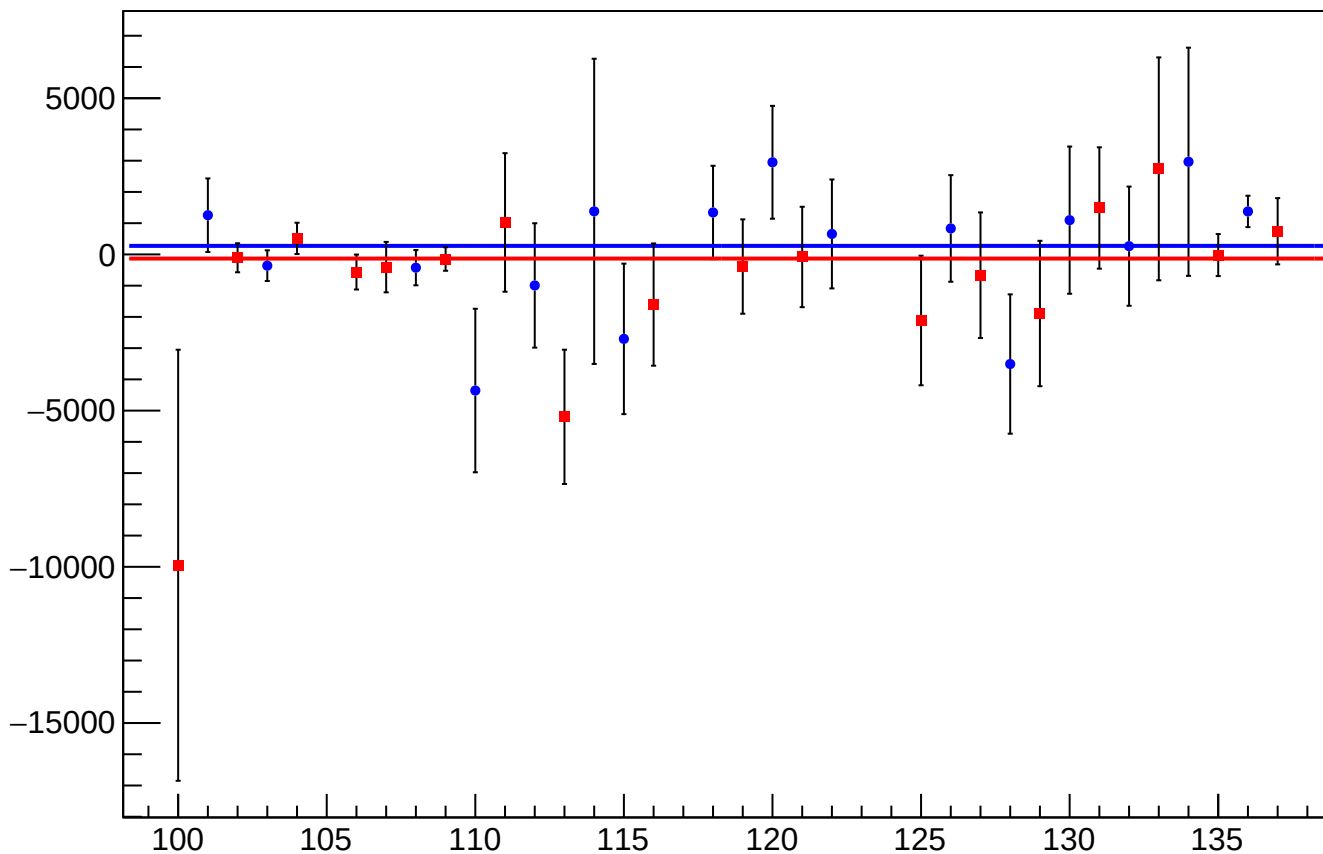
Right: 1442.883+/-0.274 χ^2/NDF : 817420.7/33

In: 1451.579+/-0.389 χ^2/NDF : 487836.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.883+/-0.274 χ^2/NDF : 817420.7/33

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 273.439 $\pm$ 260.537 χ^2 /NDF: 20.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -132.573 $\pm$ 195.933 χ^2 /NDF: 14.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

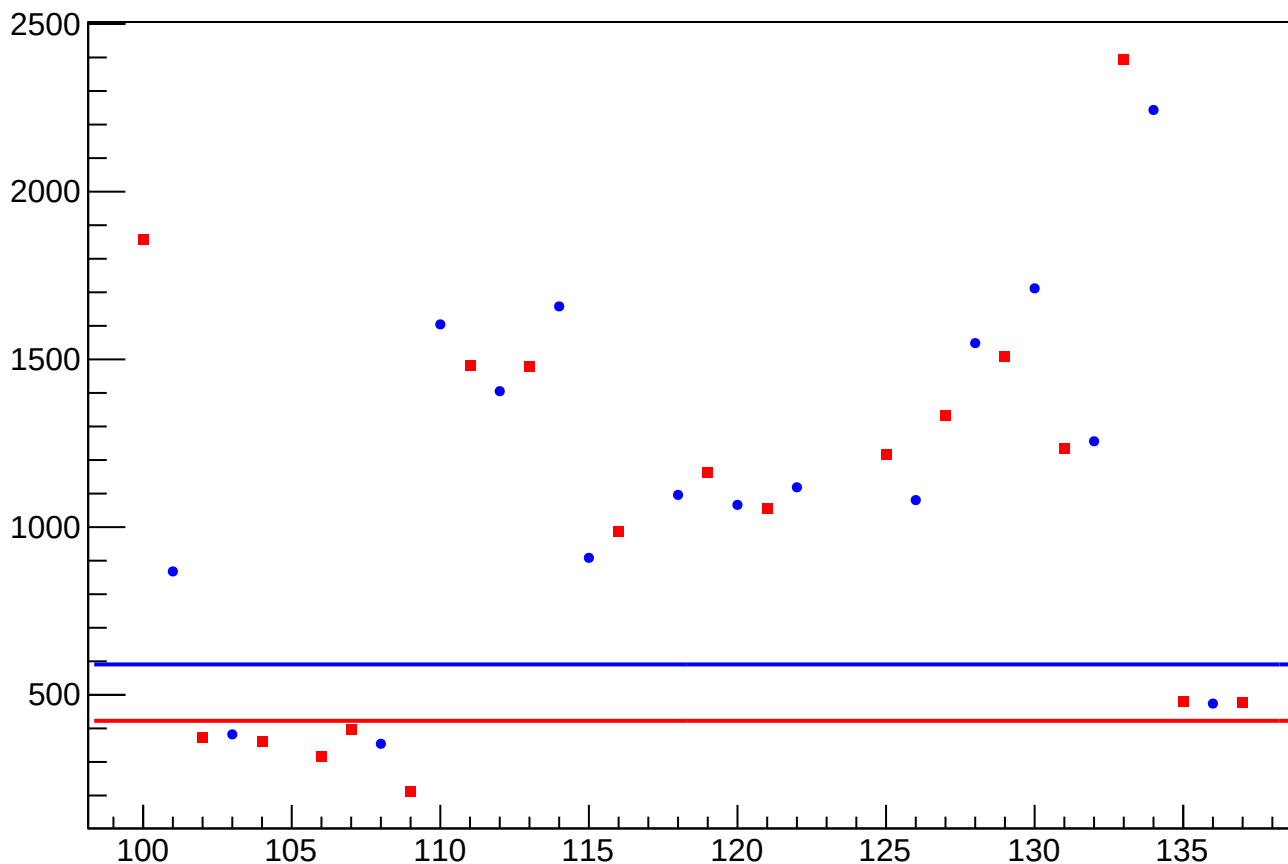
Right: 14.100 $\pm$ 156.593 χ^2 /NDF: 36.2/33

In: 273.439 $\pm$ 260.537 χ^2 /NDF:20.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.100 $\pm$ 156.593 χ^2 /NDF: 36.2/33

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 590.749+/-0.184 χ^2/NDF : 3885502.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 422.629+/-0.139 χ^2/NDF : 4858014.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

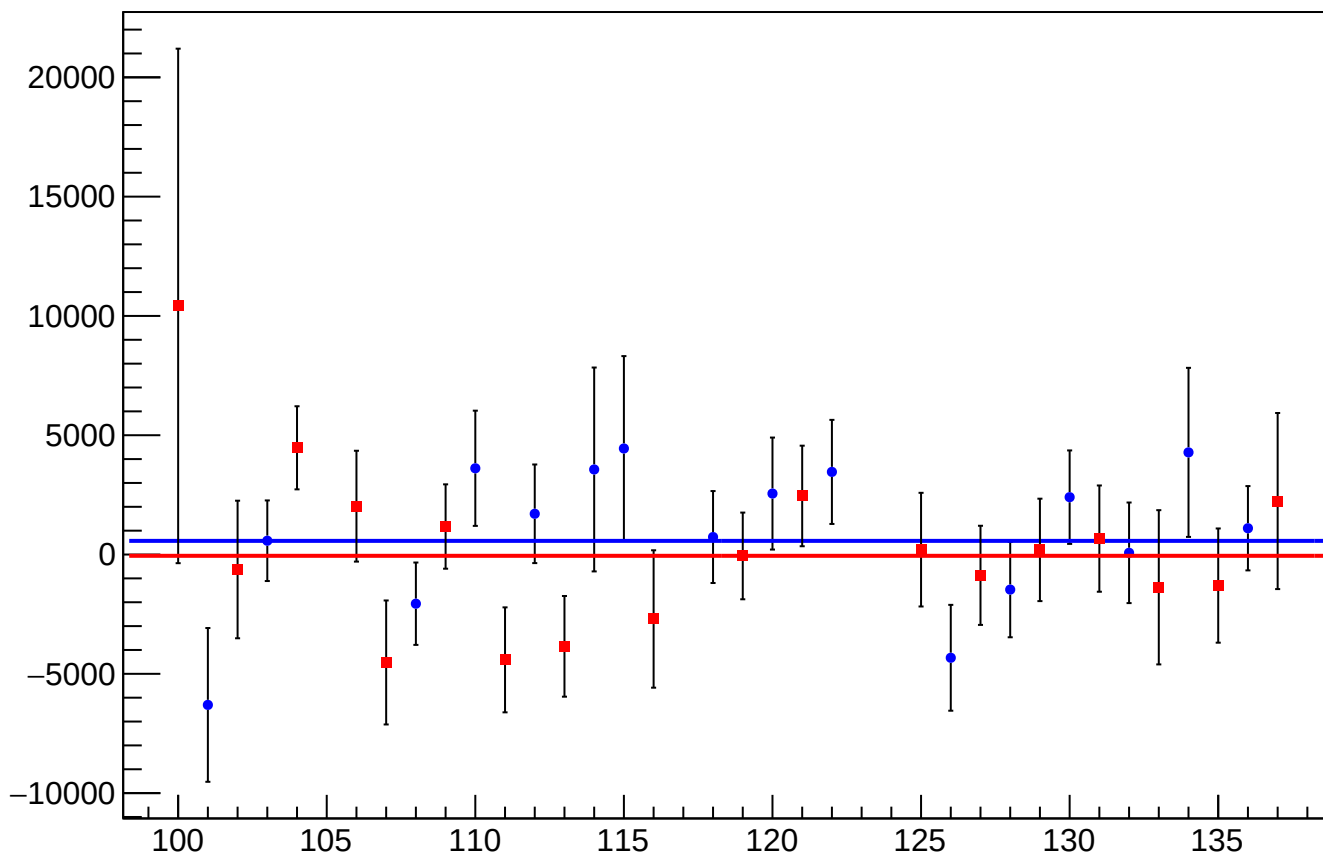
Right: 483.362+/-0.111 χ^2/NDF : 9275456.5/33

In: 590.749+/-0.184 χ^2/NDF :3885502.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 483.362+/-0.111 χ^2/NDF : 9275456.5/33

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 572.290+/-549.638 χ^2/NDF : 20.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.752+/-545.353 χ^2/NDF : 22.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

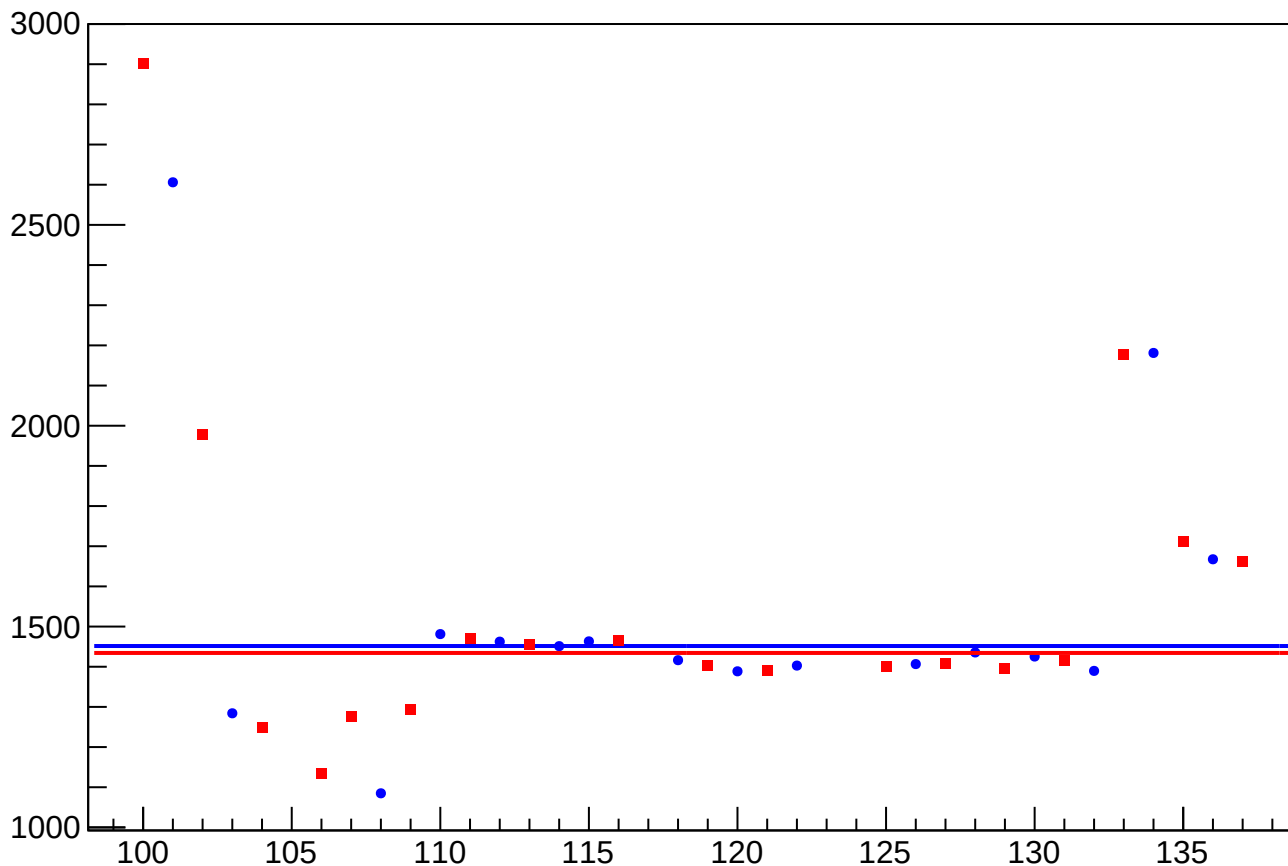
Right: 256.819+/-387.129 χ^2/NDF : 43.9/33

In: 572.290+/-549.638 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.819+/-387.129 χ^2/NDF : 43.9/33

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1451.579+/-0.389 χ^2/NDF : 487836.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1434.321+/-0.386 χ^2/NDF : 328590.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

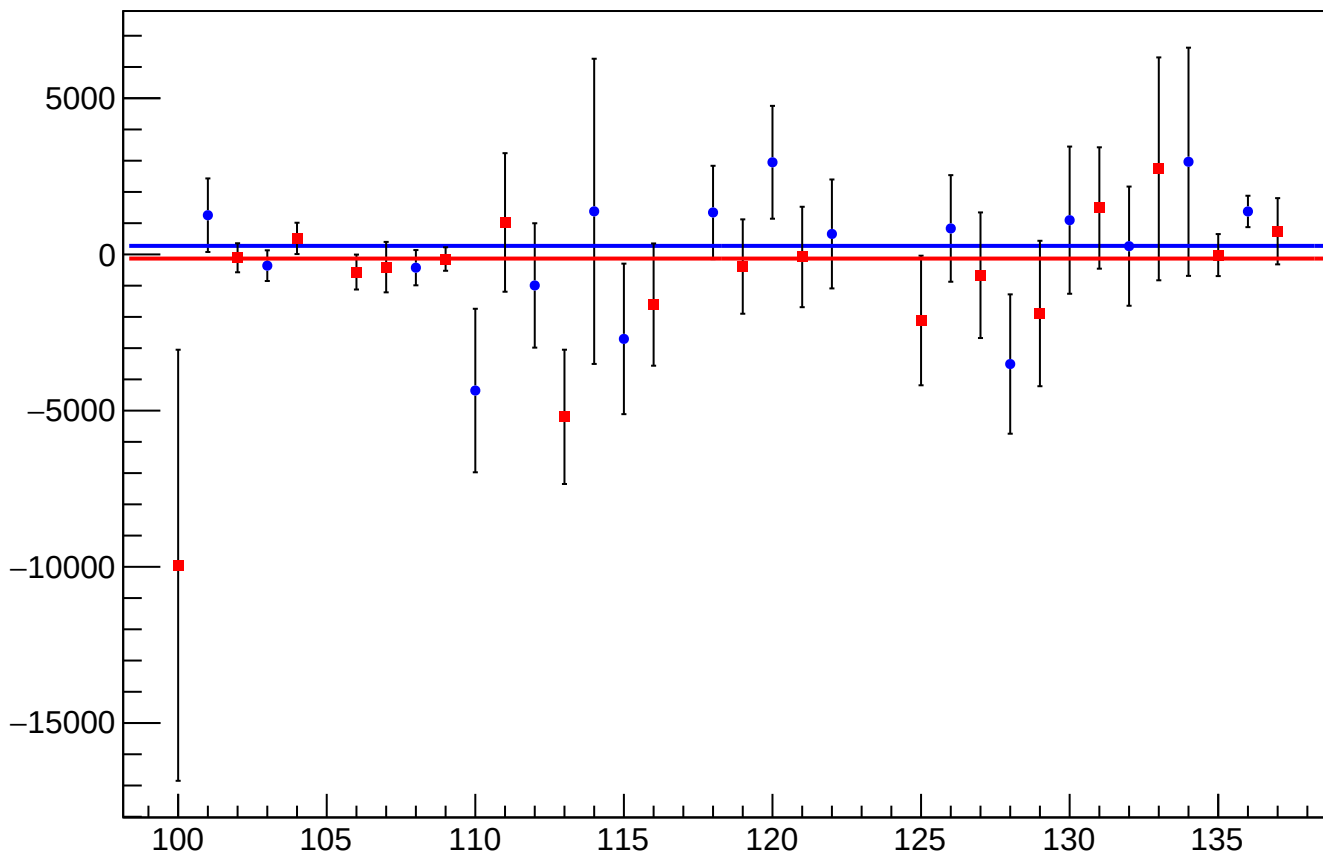
Right: 1442.883+/-0.274 χ^2/NDF : 817420.3/33

In: 1451.579+/-0.389 χ^2/NDF : 487836.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1442.883+/-0.274 χ^2/NDF : 817420.3/33

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 273.429+/-260.536 χ^2/NDF : 20.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -132.567+/-195.935 χ^2/NDF : 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

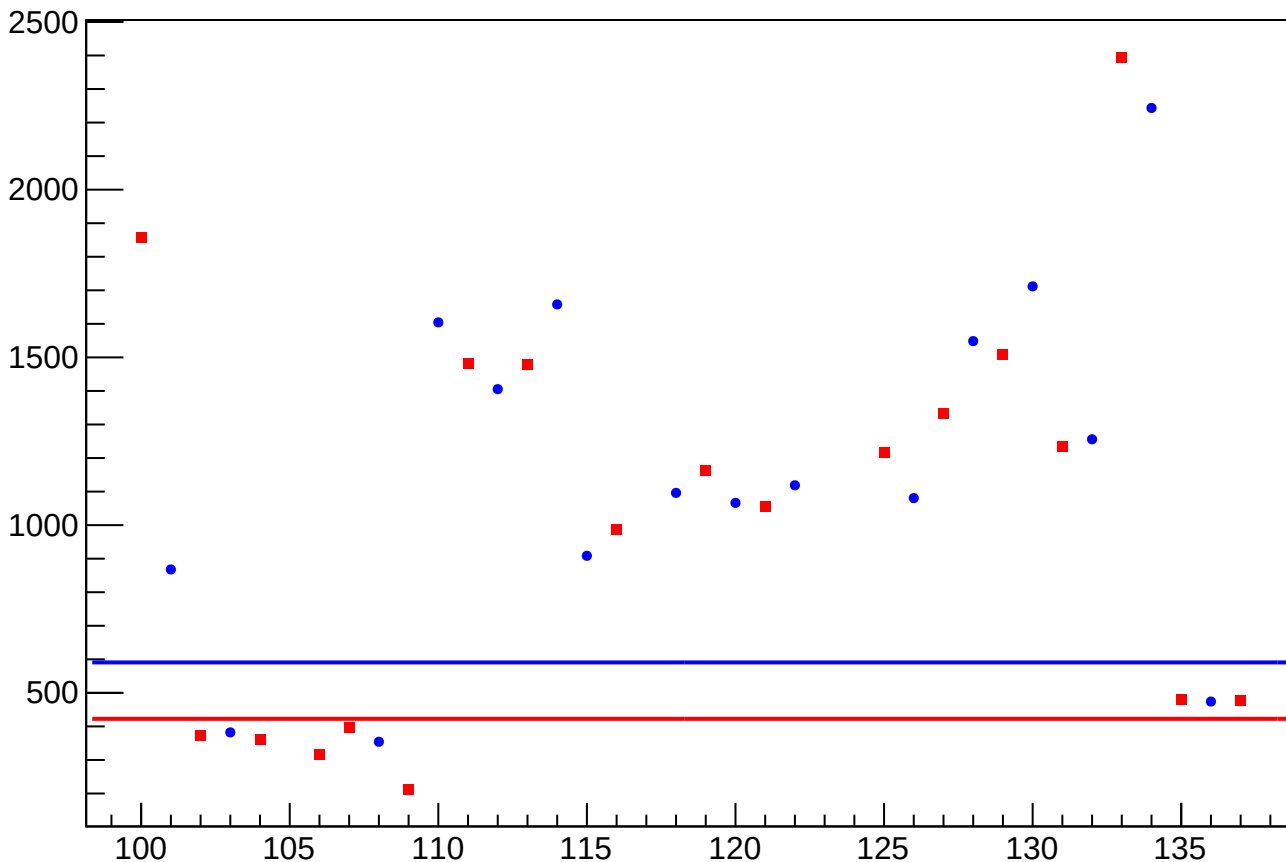
Right: 14.101+/-156.594 χ^2/NDF : 36.2/33

In: 273.429+/-260.536 χ^2/NDF : 20.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.101+/-156.594 χ^2/NDF : 36.2/33

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 590.747+/-0.184 χ^2/NDF : 3885530.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.634+/-0.139 χ^2/NDF : 4857932.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

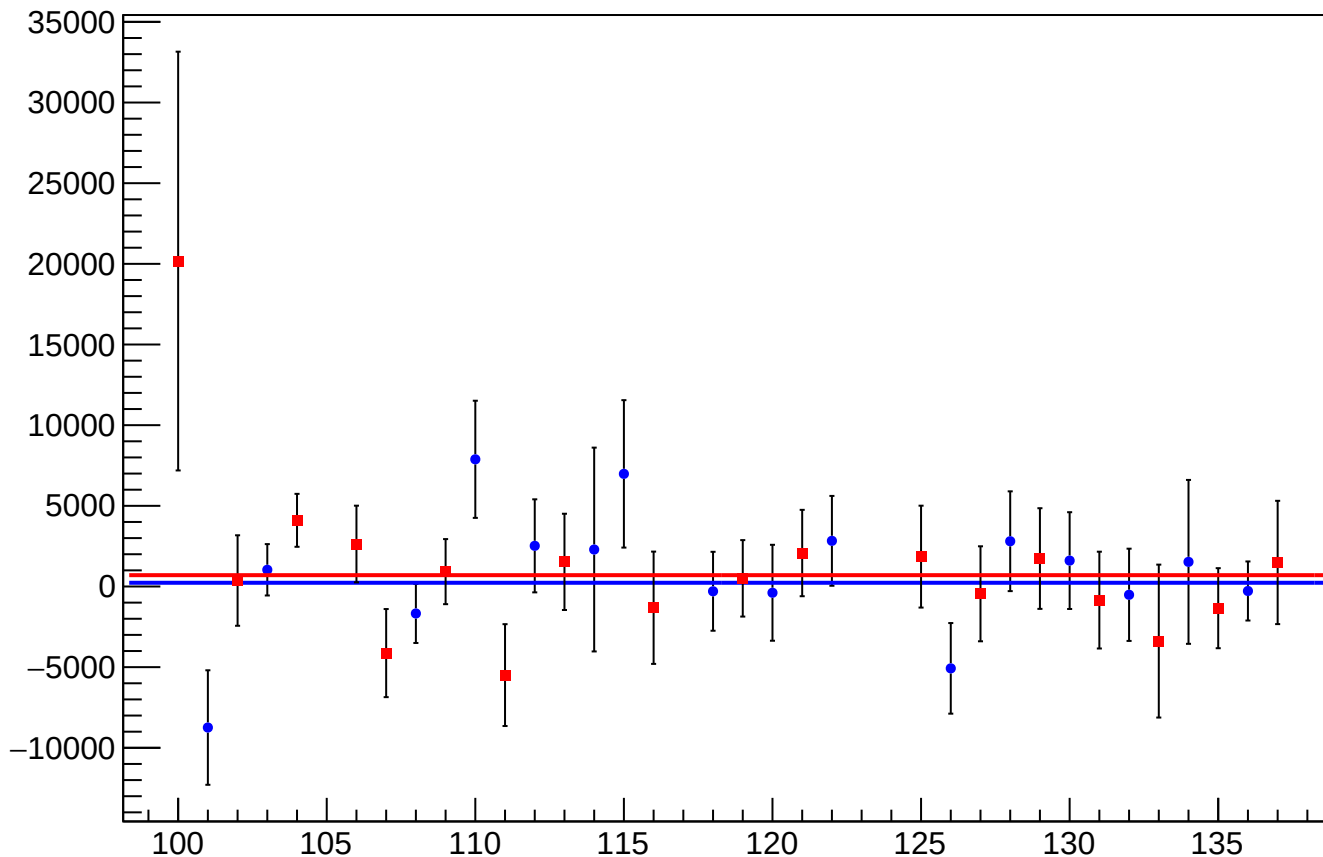
Right: 483.366+/-0.111 χ^2/NDF : 9275354.4/33

In: 590.747+/-0.184 χ^2/NDF : 3885530.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 483.366+/-0.111 χ^2/NDF : 9275354.4/33

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 230.761 $\pm$ 666.241 χ^2 /NDF: 20.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 702.268 $\pm$ 648.319 χ^2 /NDF: 17.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

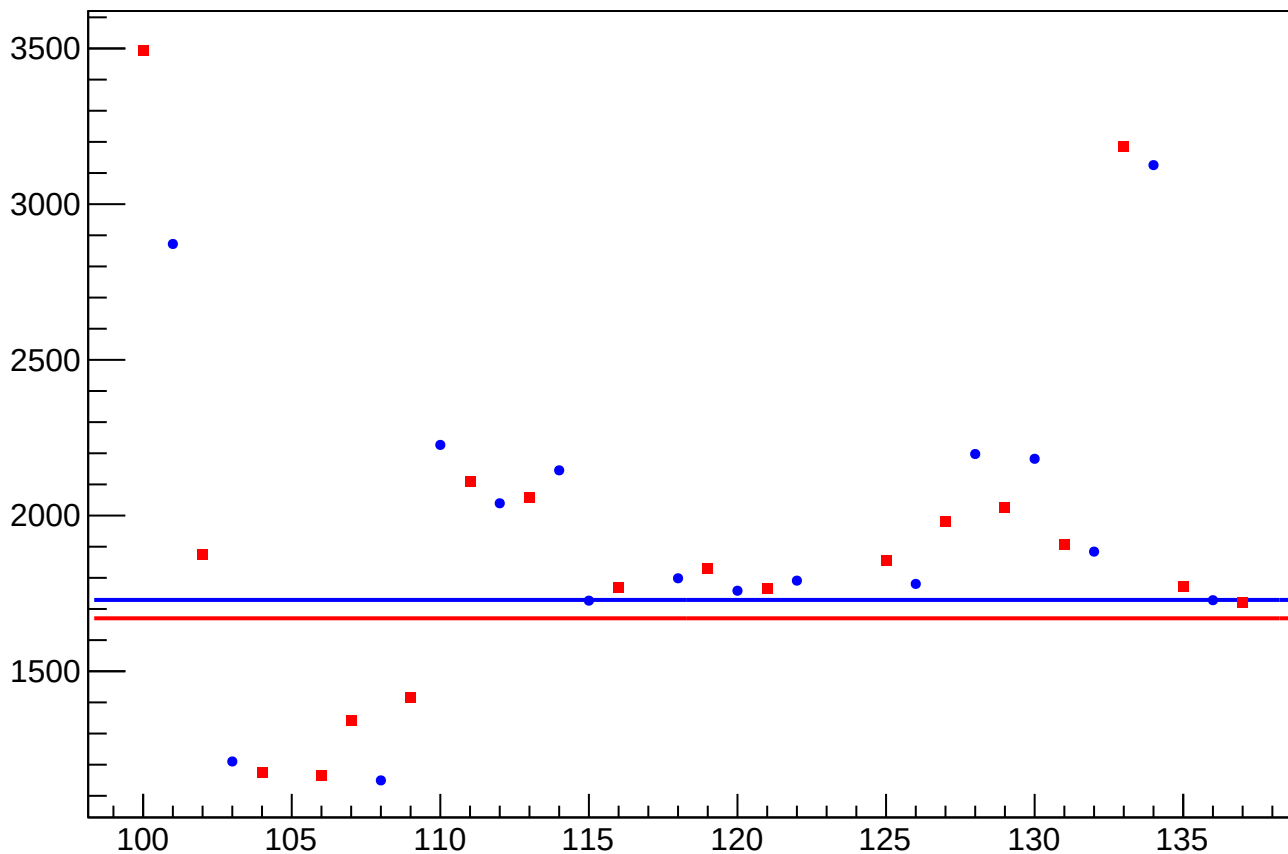
Right: 472.942 $\pm$ 464.638 χ^2 /NDF: 38.0/33

In: 230.761 $\pm$ 666.241 χ^2 /NDF:20.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 472.942 $\pm$ 464.638 χ^2 /NDF: 38.0/33

asym_us_dd_at2lr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1729.050+/-0.471 χ^2/NDF : 942079.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1670.056+/-0.458 χ^2/NDF : 744452.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

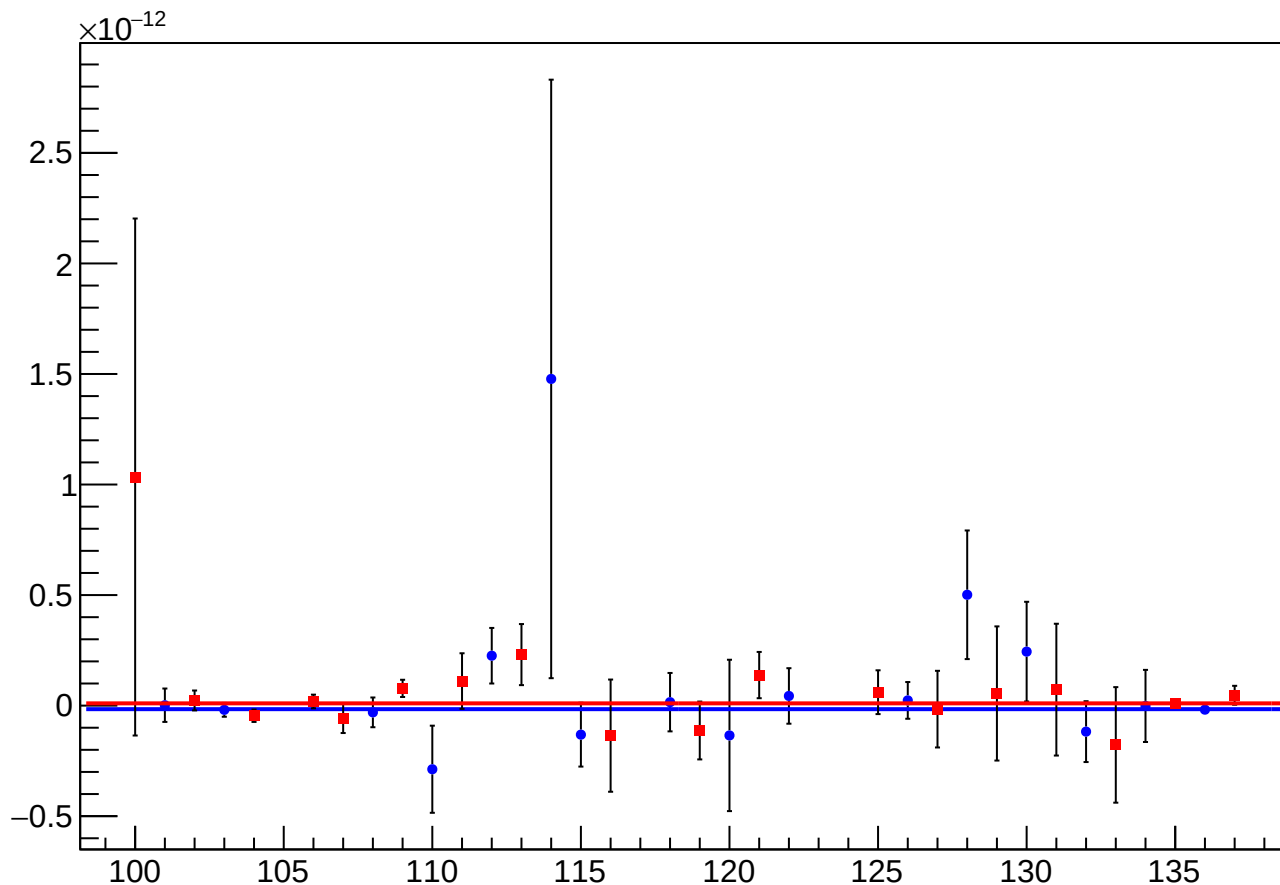
Right: 1698.749+/-0.329 χ^2/NDF : 1694585.4/33

In: 1729.050+/-0.471 χ^2/NDF : 942079.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.749+/-0.329 χ^2/NDF : 1694585.4/33

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 13.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

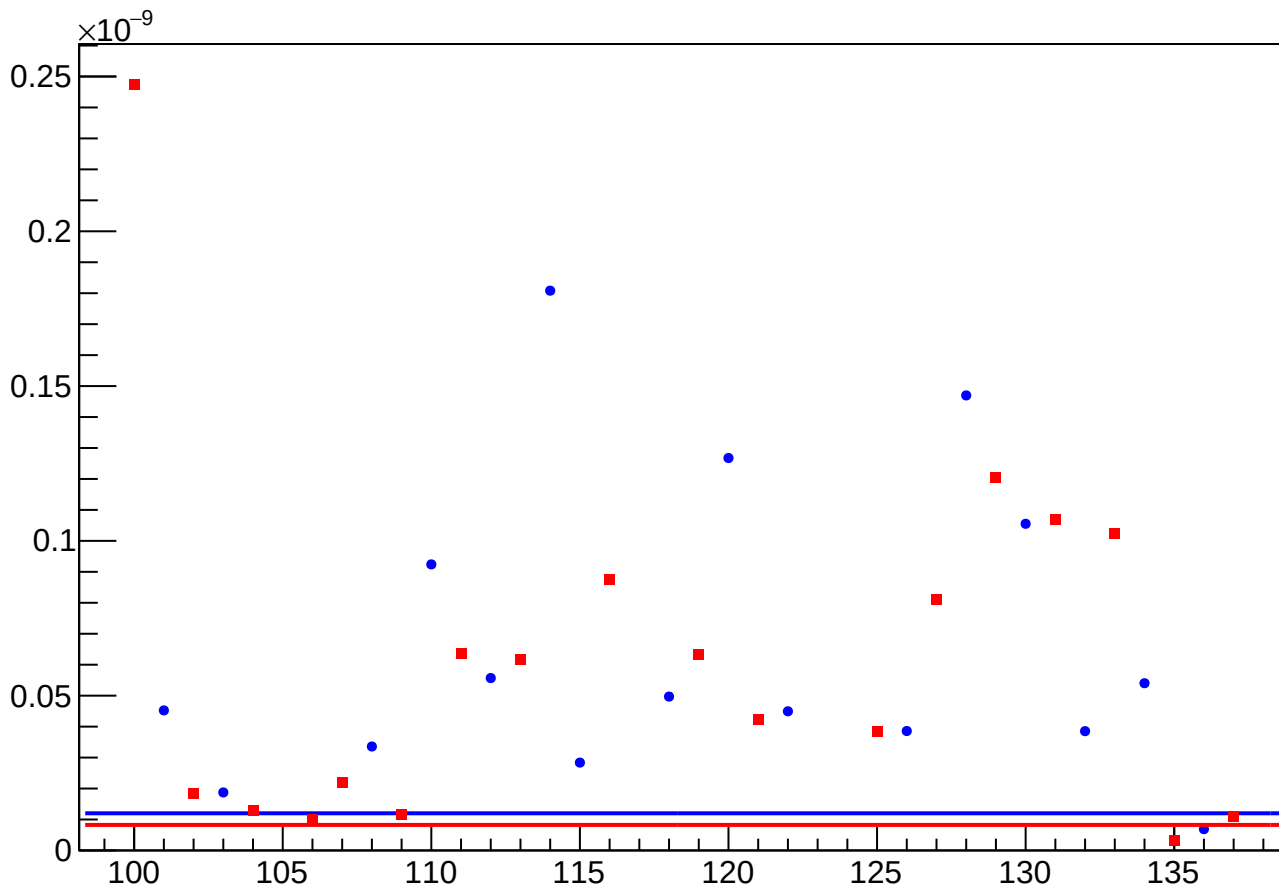
Right: -0.000+/-0.000 χ^2 /NDF: 33.5/33

In: -0.000+/-0.000 χ^2 /NDF:13.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 33.5/33

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3425893.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3510130.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

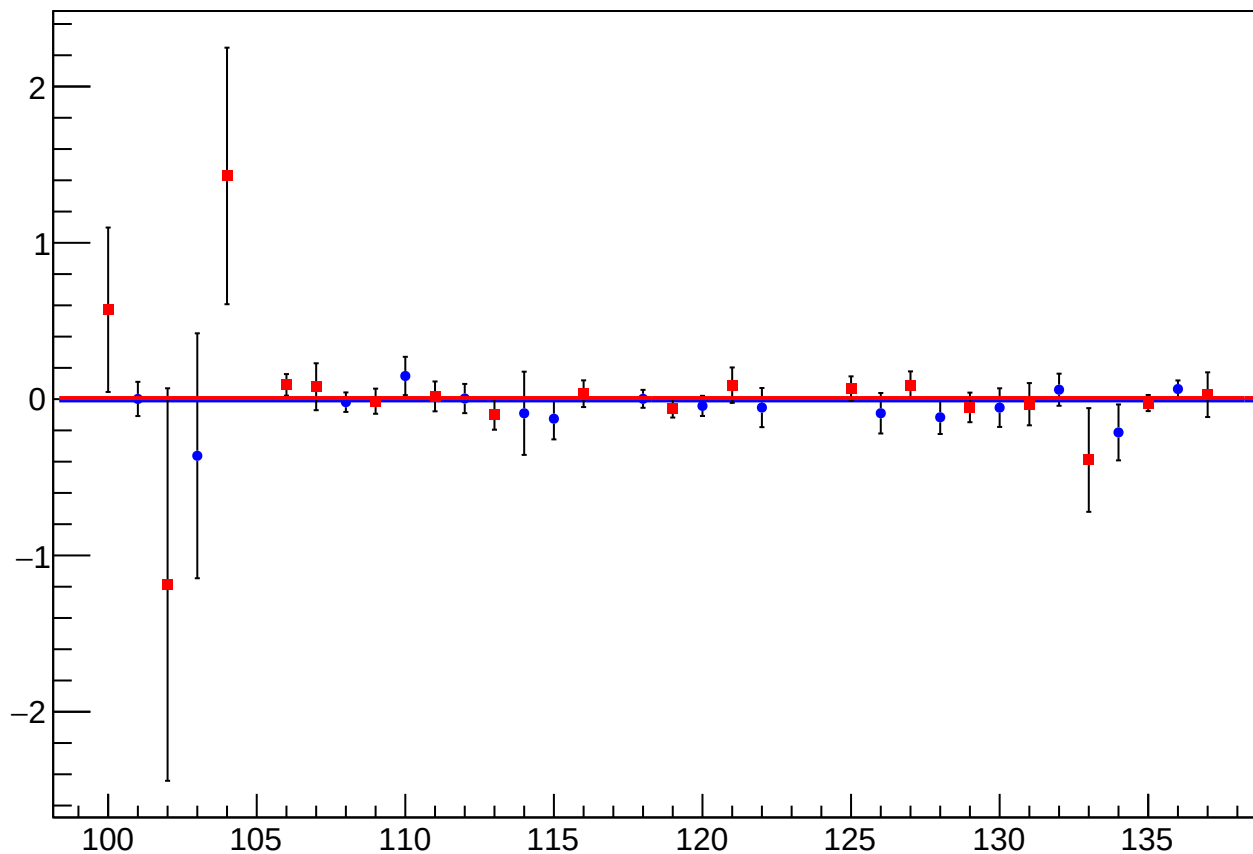
Right: 0.000+/-0.000 χ^2/NDF : 7091803.5/33

In: 0.000+/-0.000 χ^2/NDF :3425893.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7091803.5/33

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.022 χ^2/NDF : 13.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

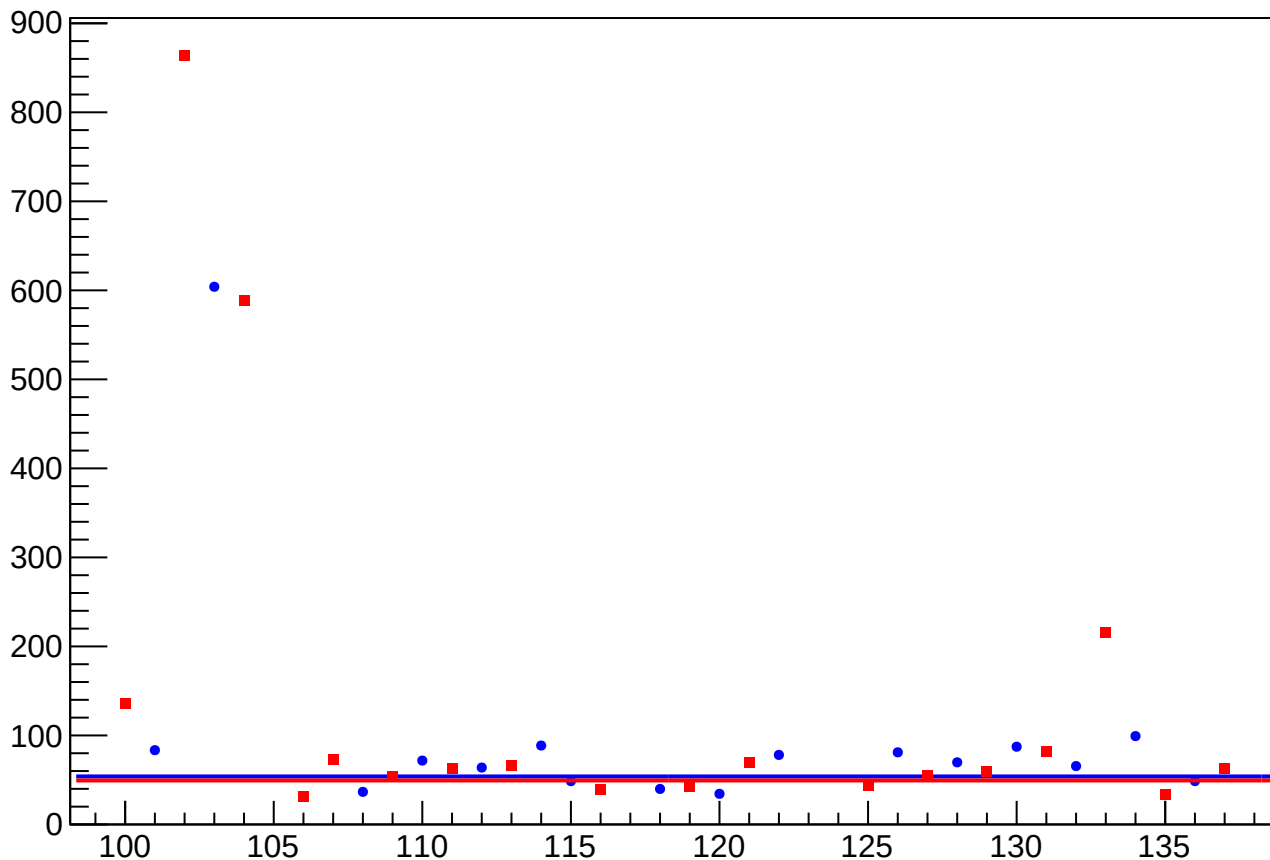
Right: -0.000 ± 0.016 χ^2/NDF : 22.2/33

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.016 χ^2/NDF : 22.2/33

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.926+/-0.016 χ^2/NDF : 2214348.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.420+/-0.016 χ^2/NDF : 3017719.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

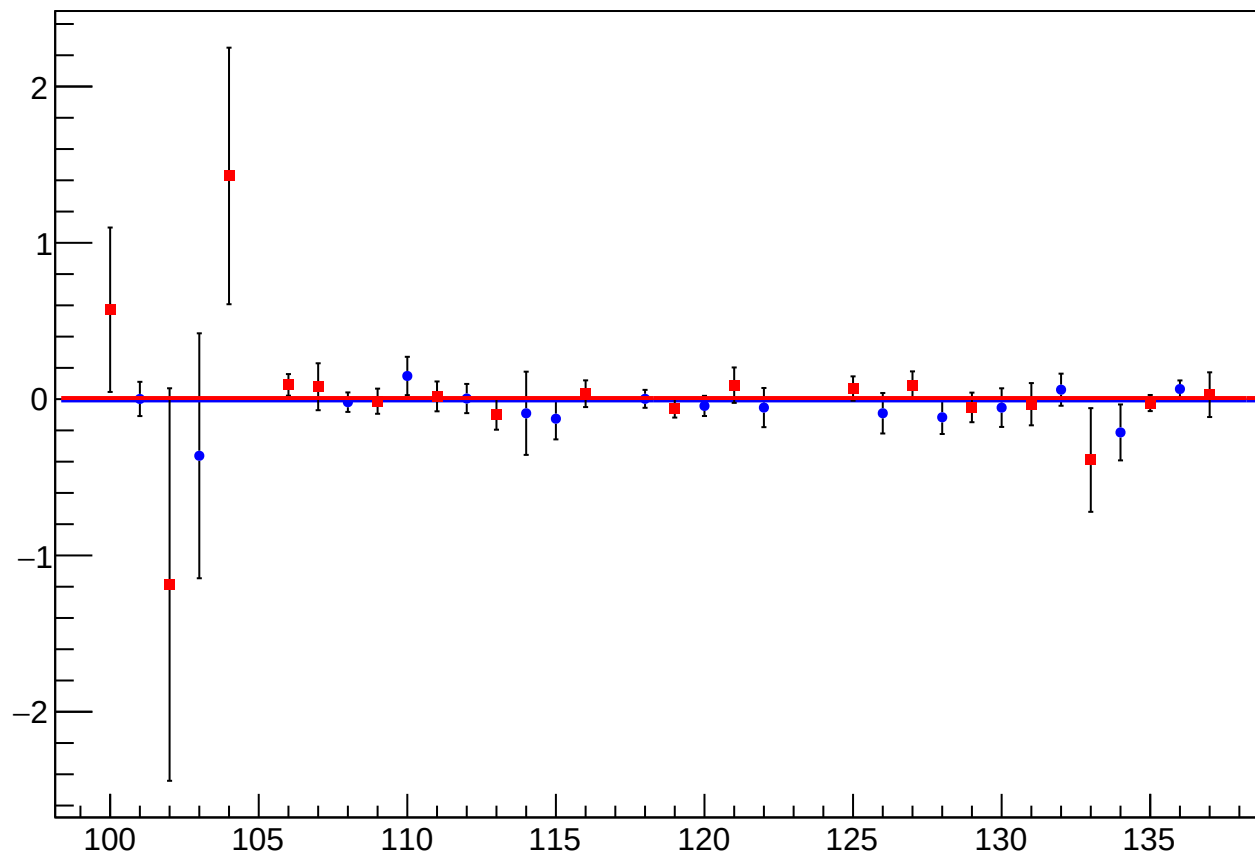
Right: 51.585+/-0.011 χ^2/NDF : 5271581.7/33

In: 53.926+/-0.016 χ^2/NDF :2214348.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.585+/-0.011 χ^2/NDF : 5271581.7/33

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.022 χ^2/NDF : 13.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

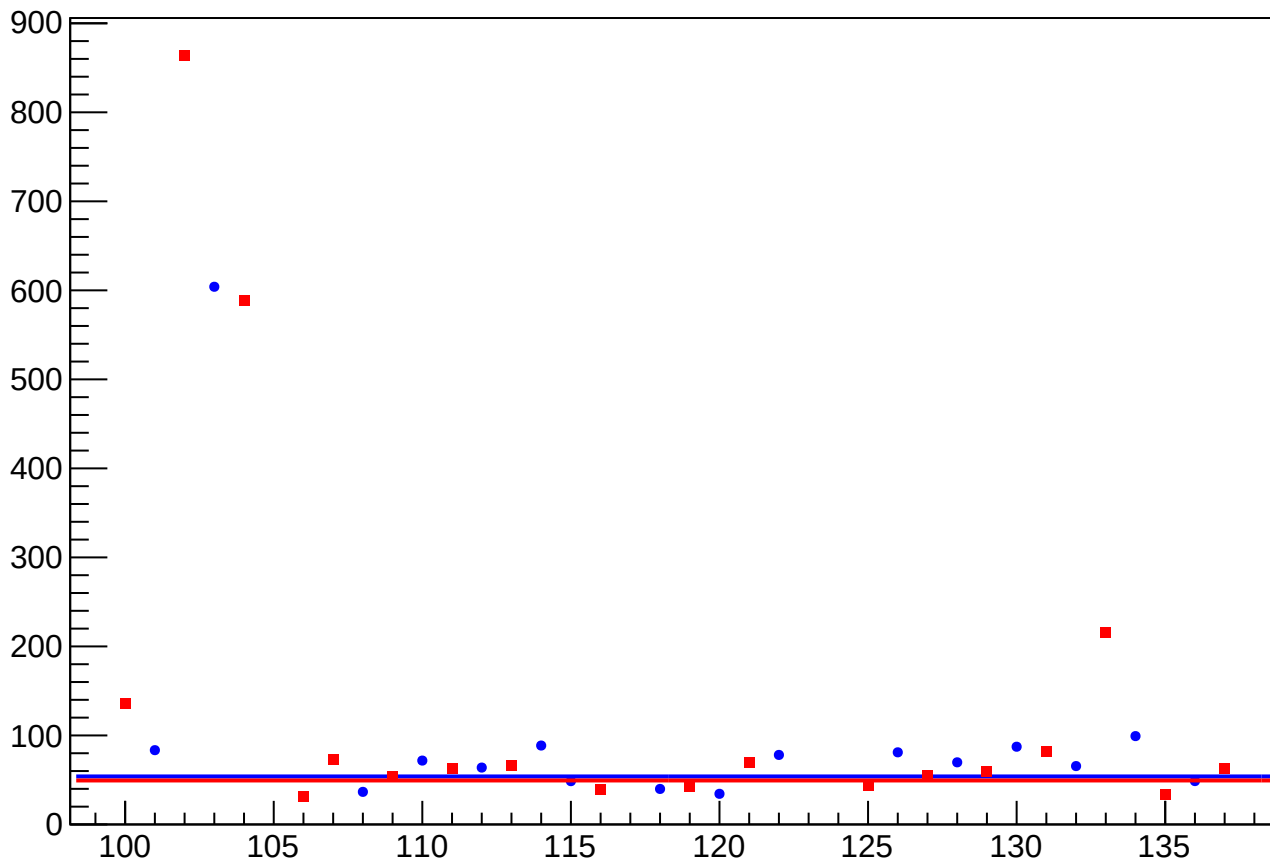
Right: -0.000 ± 0.016 χ^2/NDF : 22.2/33

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.016 χ^2/NDF : 22.2/33

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.926+/-0.016 χ^2/NDF : 2214348.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.420+/-0.016 χ^2/NDF : 3017719.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

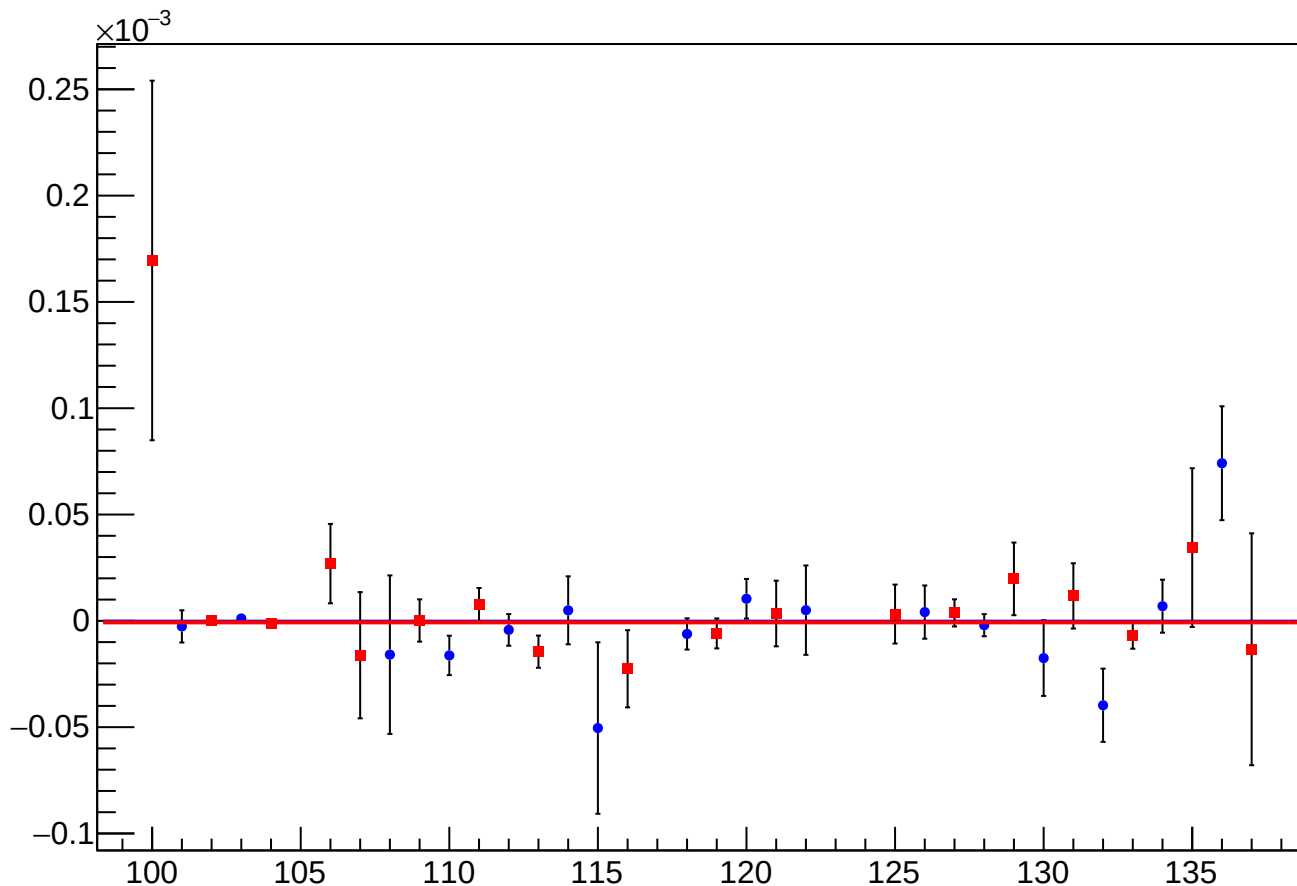
Right: 51.585+/-0.011 χ^2/NDF : 5271581.7/33

In: 53.926+/-0.016 χ^2/NDF : 2214348.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.585+/-0.011 χ^2/NDF : 5271581.7/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

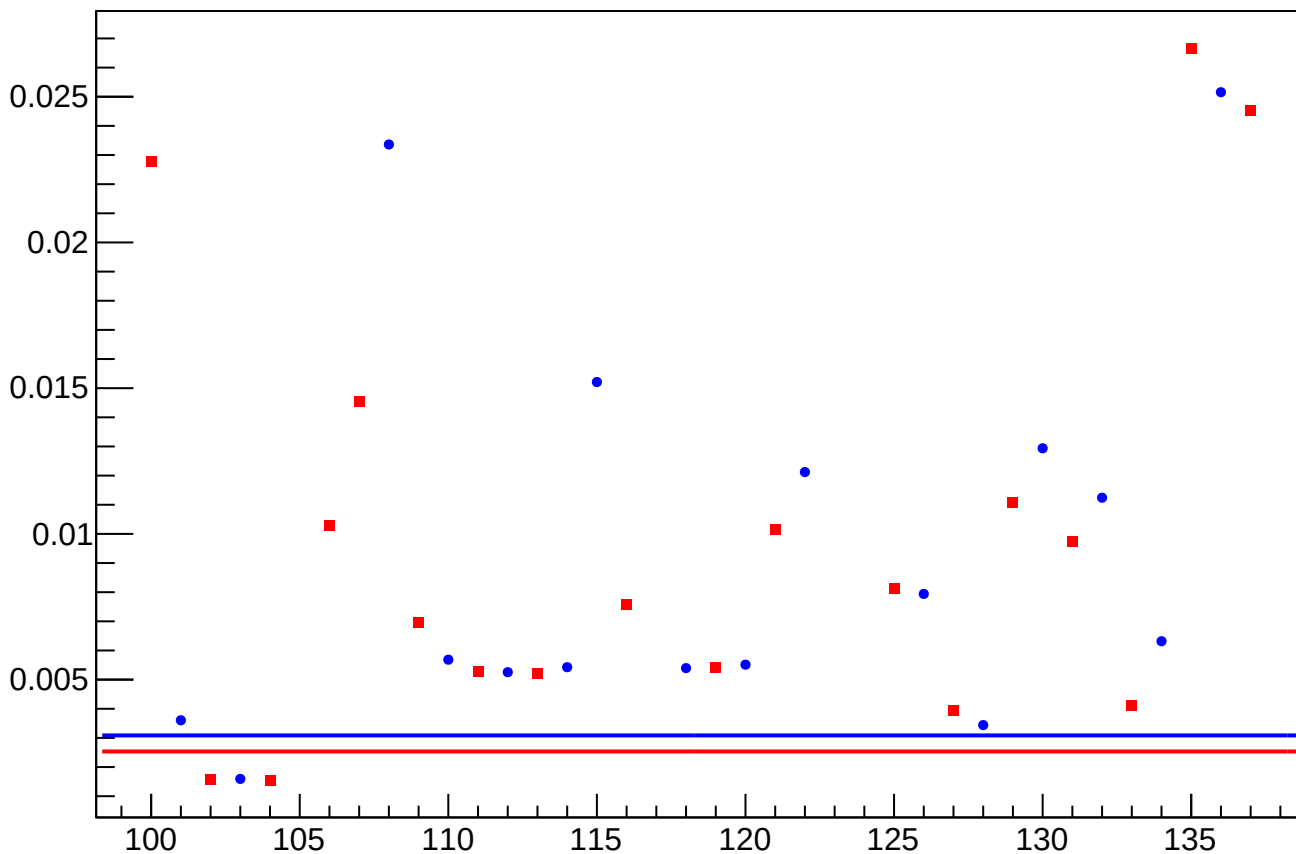
Right: -0.000+/-0.000 χ^2/NDF : 40.0/33

In: -0.000+/-0.000 χ^2/NDF : 22.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.0/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 5779108.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 6237059.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 12159145.0/33

In: 0.003+/-0.000

χ^2/NDF : 5779108.6/15

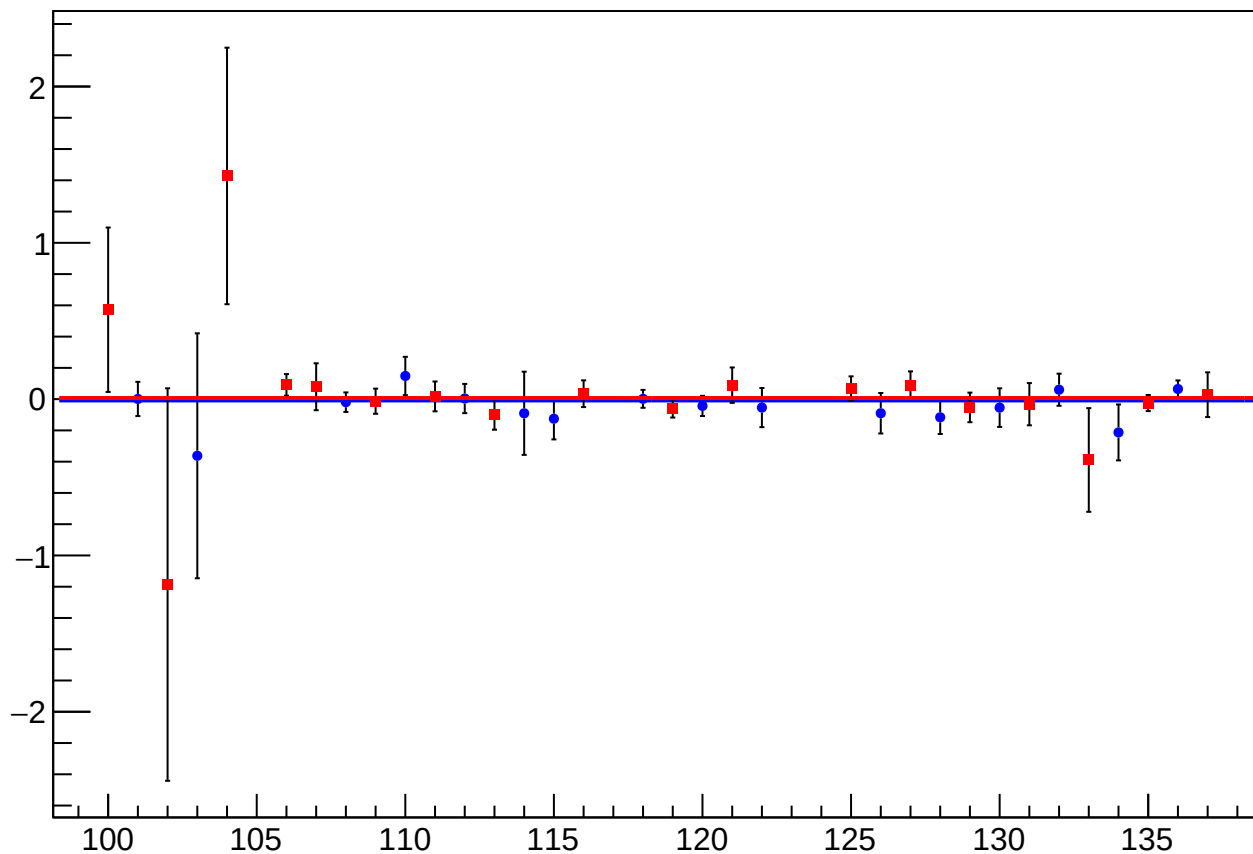
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 12159145.0/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.023 χ^2 /NDF: 8.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.022 χ^2 /NDF: 13.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

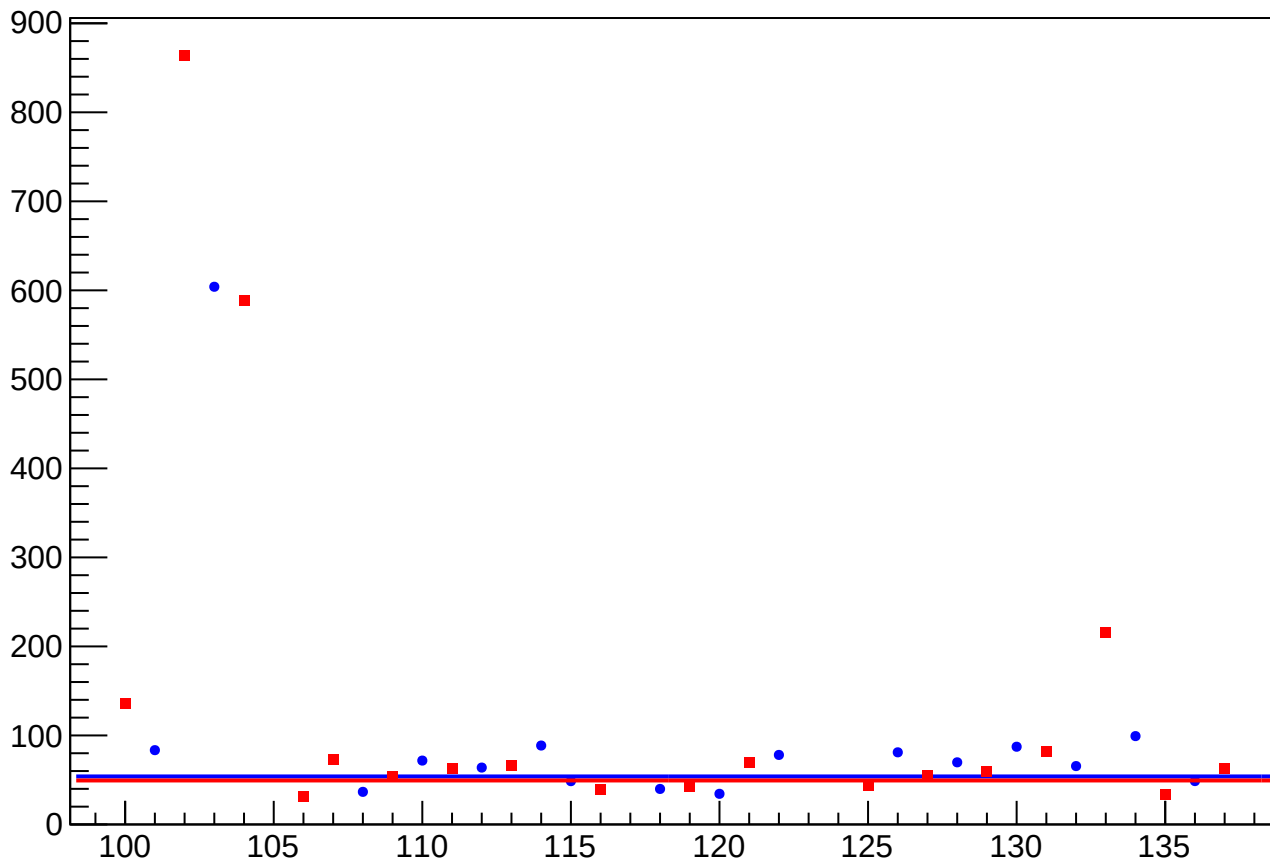
Right: -0.000 $\pm$ 0.016 χ^2 /NDF: 22.2/33

In: -0.008 $\pm$ 0.023 χ^2 /NDF:8.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.016 χ^2 /NDF: 22.2/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.929+/-0.016 χ^2/NDF : 2213950.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 49.422+/-0.016 χ^2/NDF : 3017440.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

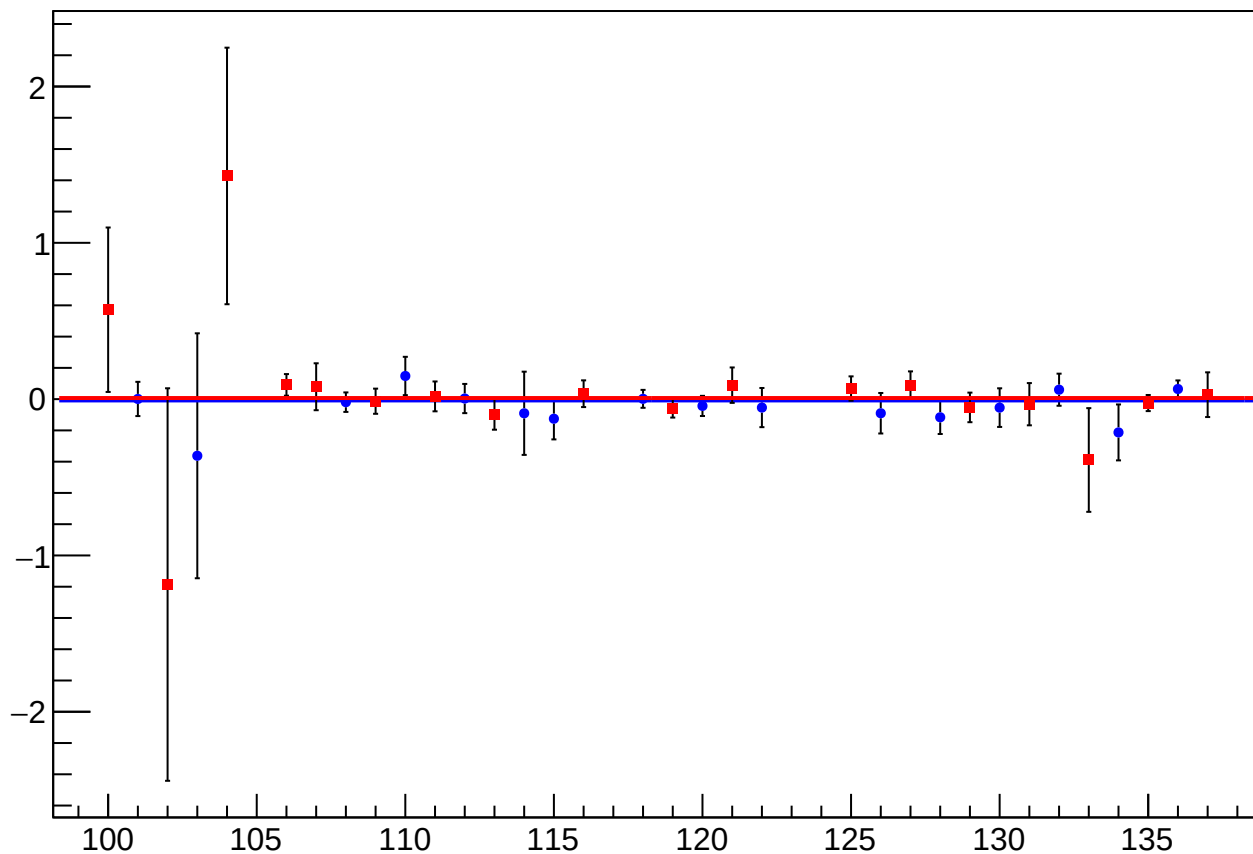
Right: 51.588+/-0.011 χ^2/NDF : 5270924.4/33

In: 53.929+/-0.016 χ^2/NDF :2213950.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.588+/-0.011 χ^2/NDF : 5270924.4/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.022 χ^2/NDF : 13.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

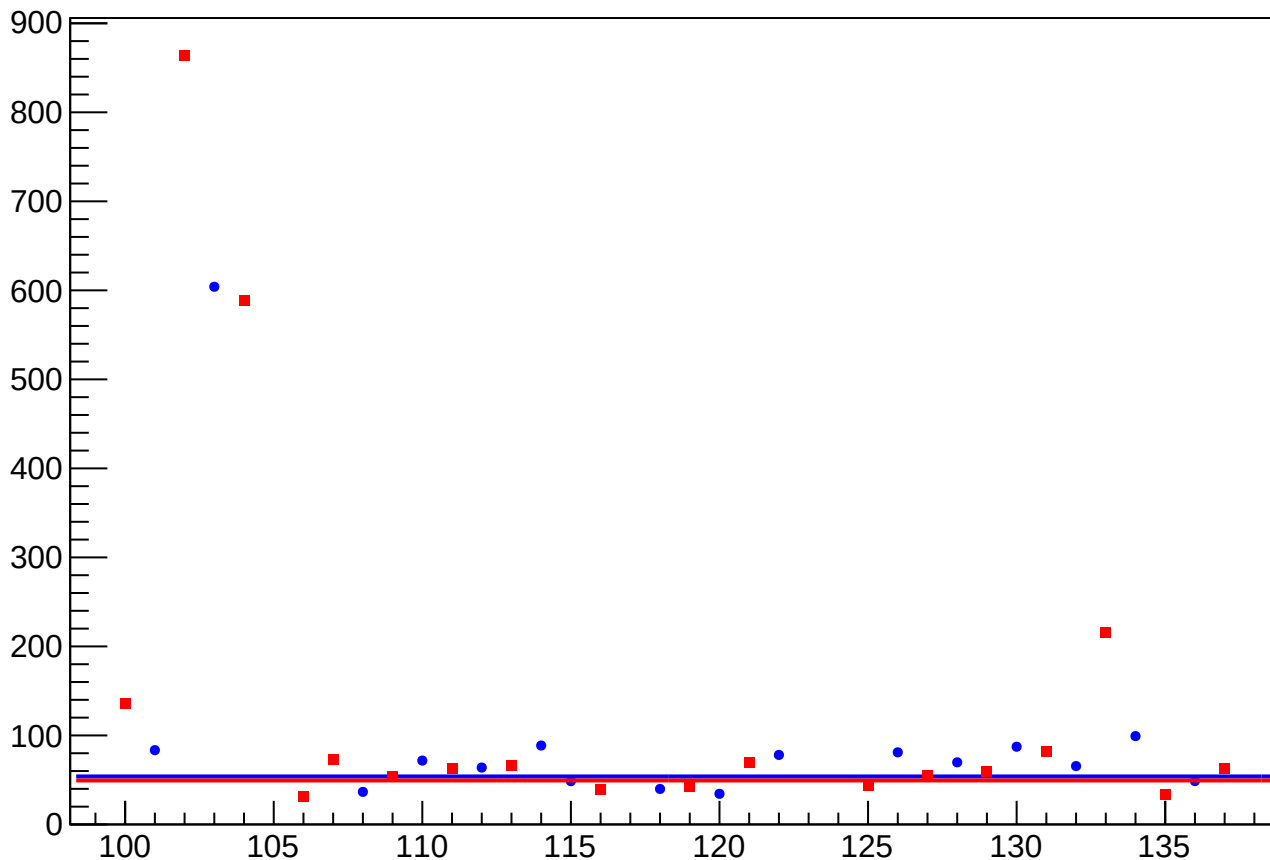
Right: -0.000 ± 0.016 χ^2/NDF : 22.2/33

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.016 χ^2/NDF : 22.2/33

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 53.929+/-0.016 χ^2/NDF : 2213950.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.422+/-0.016 χ^2/NDF : 3017440.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

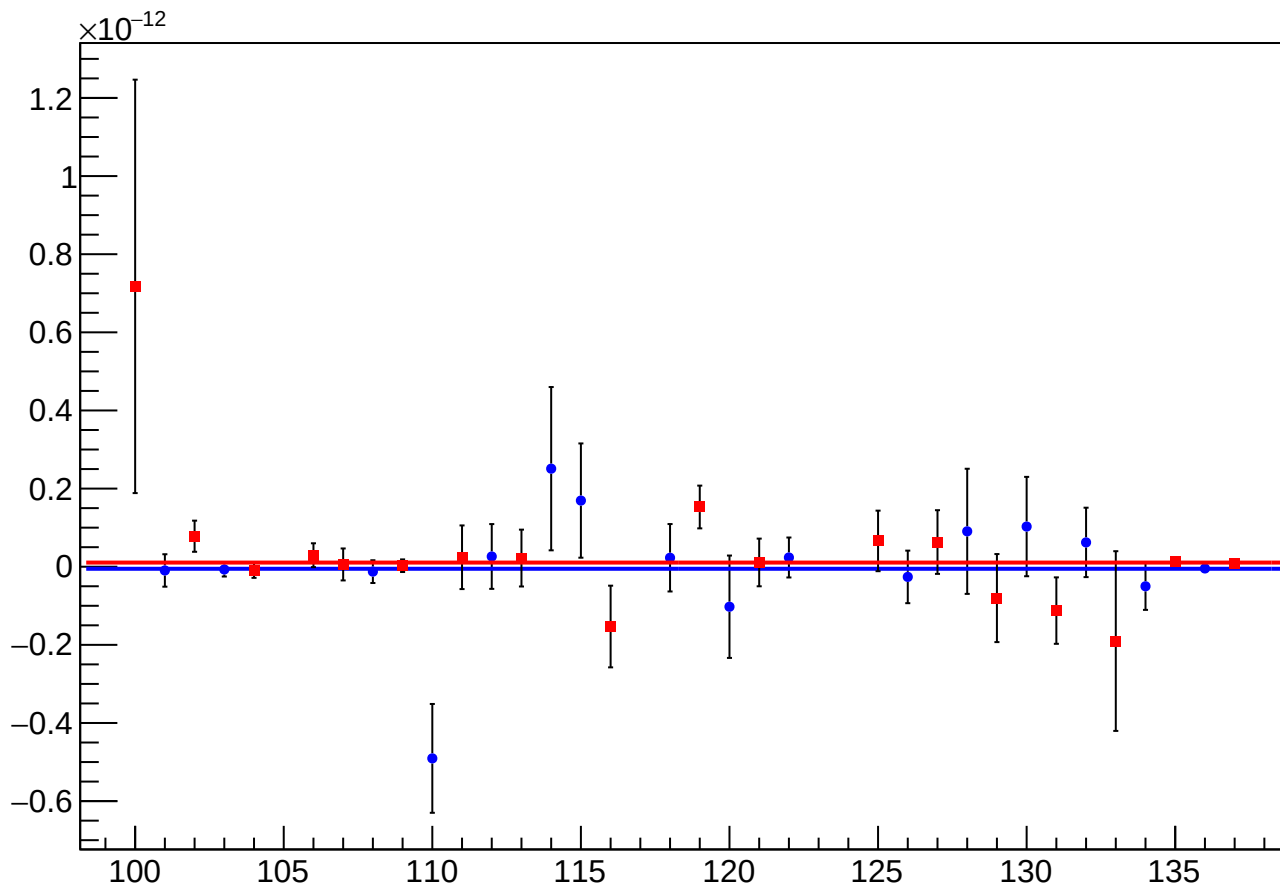
Right: 51.588+/-0.011 χ^2/NDF : 5270924.4/33

In: 53.929+/-0.016 χ^2/NDF : 2213950.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.588+/-0.011 χ^2/NDF : 5270924.4/33

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

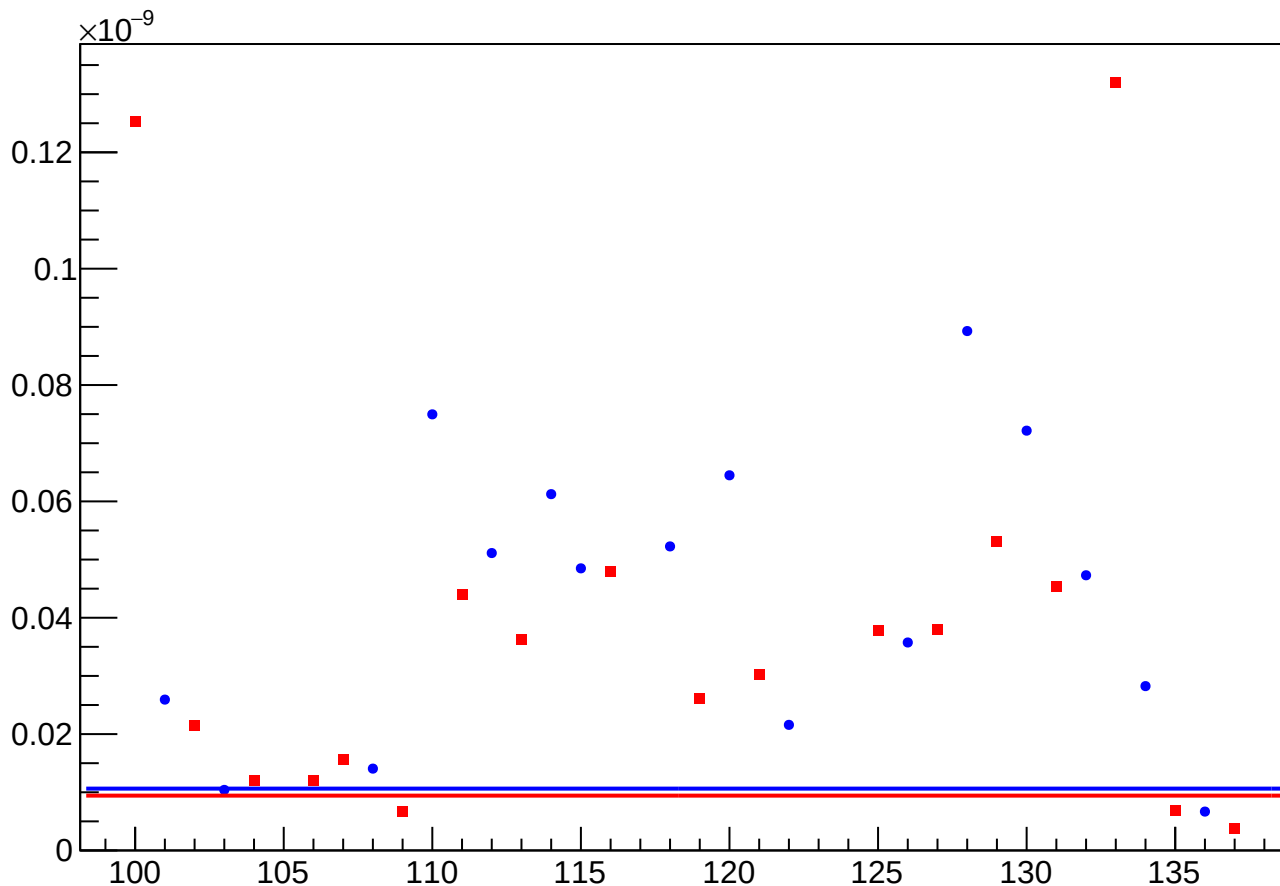
Right: 0.000+/-0.000 χ^2/NDF : 41.5/33

In: -0.000+/-0.000 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.5/33

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 4557309.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4029424.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

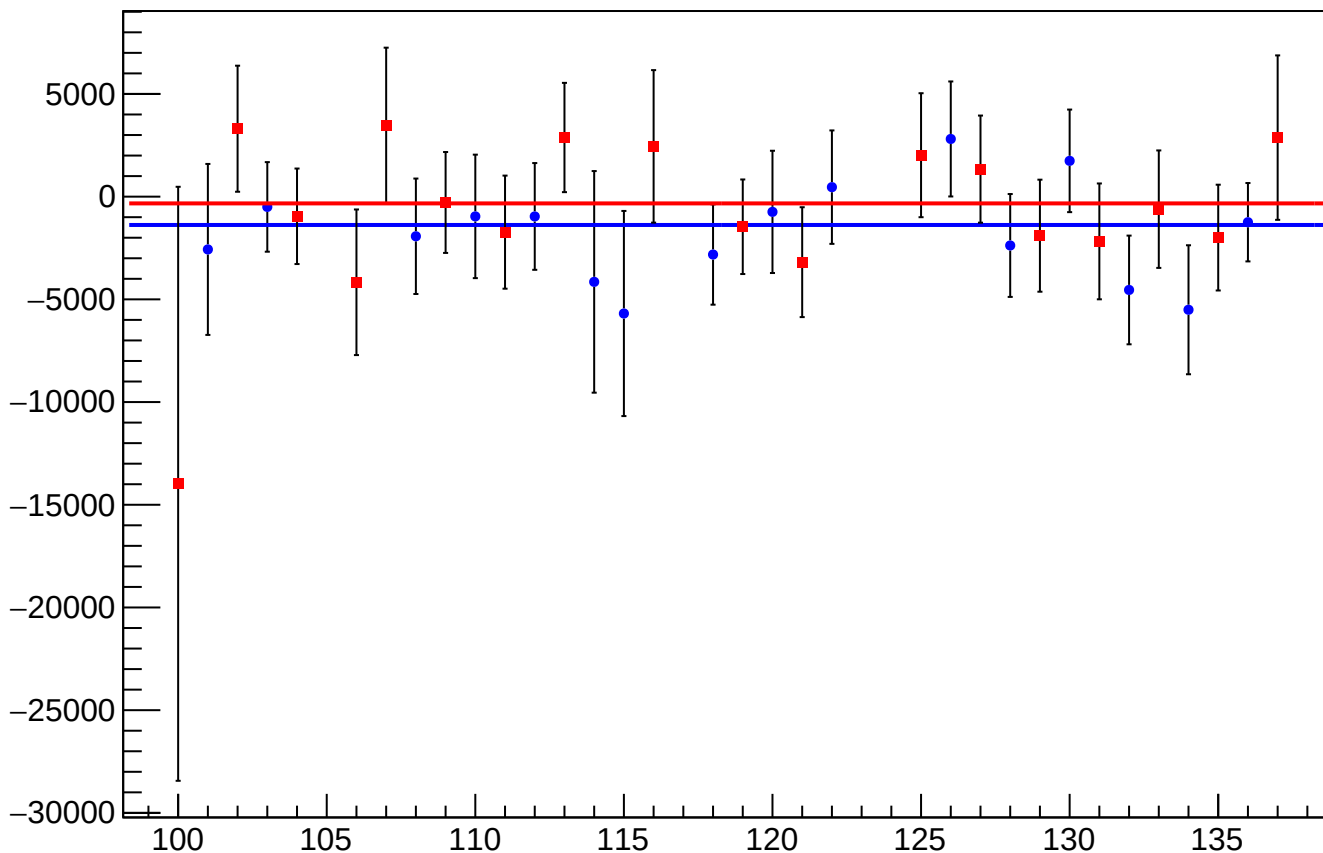
Right: 0.000+/-0.000 χ^2/NDF : 8619590.4/33

In: 0.000+/-0.000 χ^2/NDF : 4557309.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8619590.4/33

reg_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1378.758+/-689.030 χ^2/NDF : 9.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -328.770+/-683.888 χ^2/NDF : 11.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

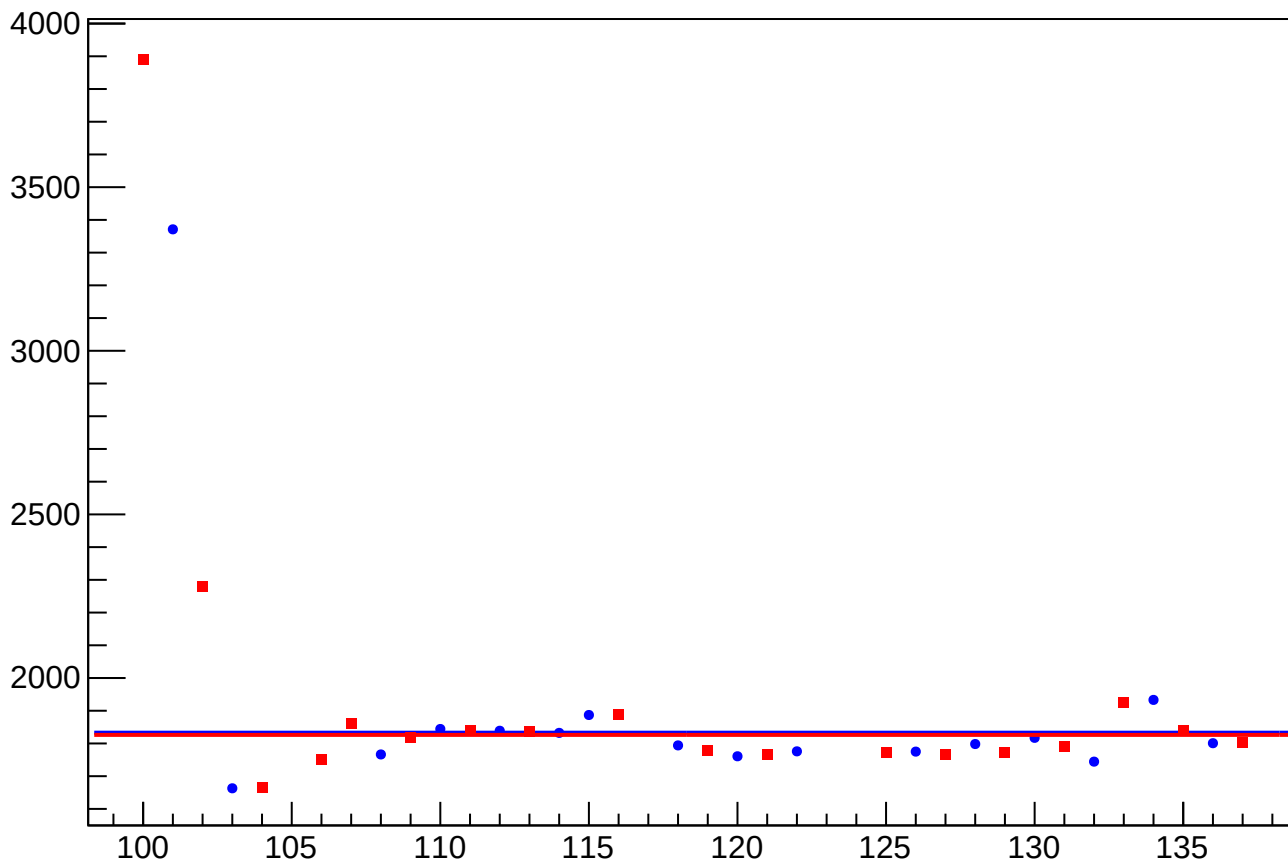
Right: -849.832+/-485.390 χ^2/NDF : 21.5/33

In: -1378.758+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -849.832+/-485.390 χ^2/NDF : 21.5/33

reg_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.947+/-0.487 χ^2/NDF : 295439.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1826.208+/-0.484 χ^2/NDF : 103006.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

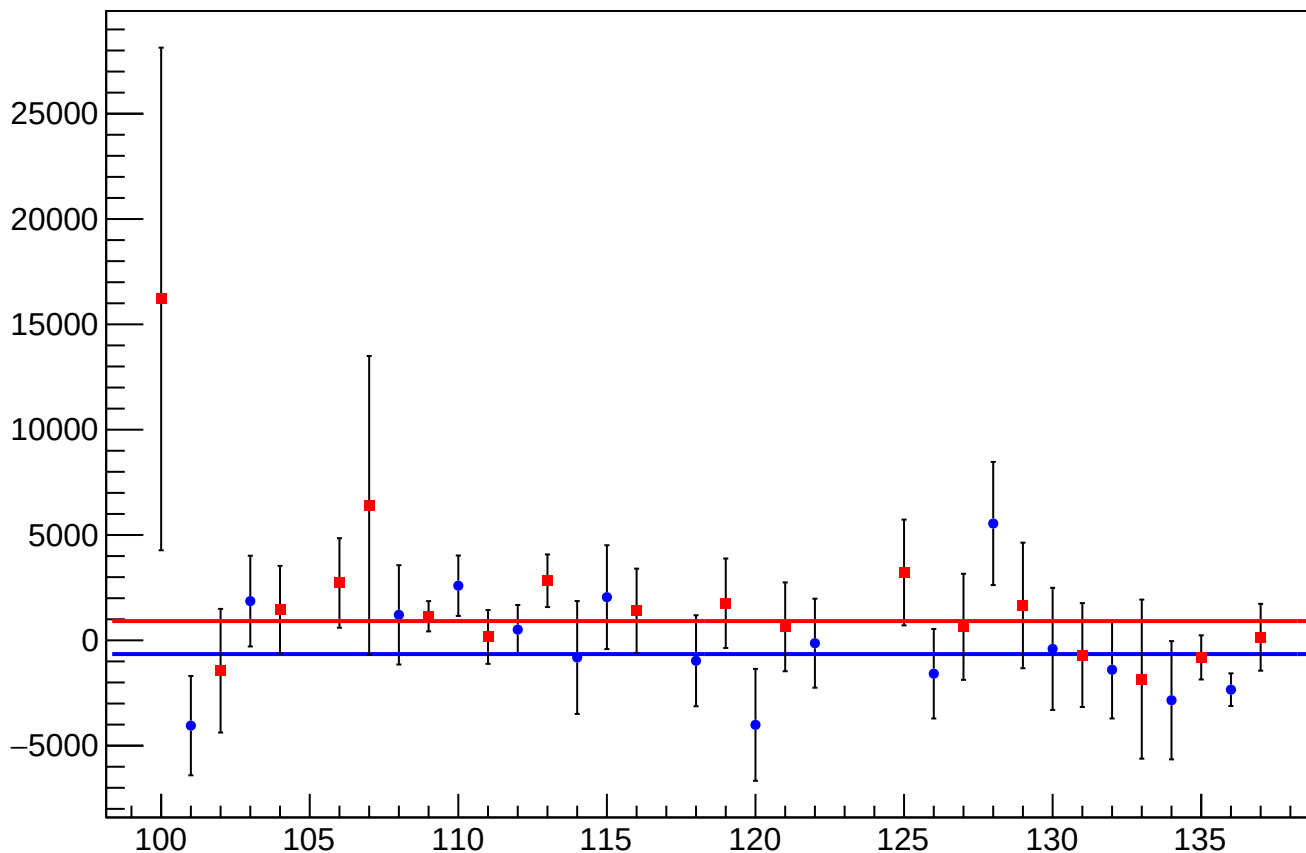
Right: 1829.552+/-0.343 χ^2/NDF : 398542.3/33

In: 1832.947+/-0.487 χ^2/NDF : 295439.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.552+/-0.343 χ^2/NDF : 398542.3/33

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -651.944 ± 442.135 χ^2/NDF : 23.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 914.717 ± 393.421 χ^2/NDF : 11.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

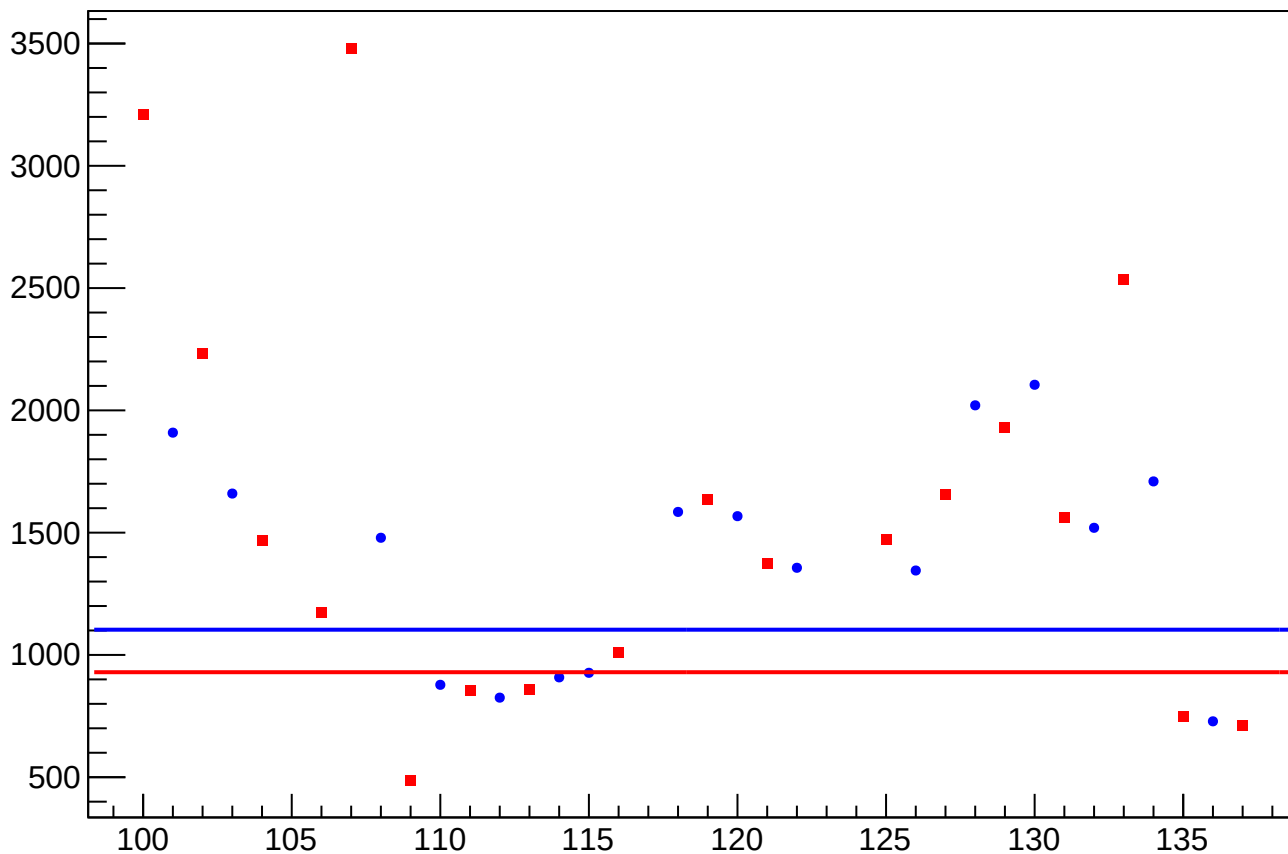
Right: 222.415 ± 293.910 χ^2/NDF : 41.8/33

In: -651.944 ± 442.135 χ^2/NDF : 23.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 222.415 ± 293.910 χ^2/NDF : 41.8/33

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1103.183+/-0.313 χ^2/NDF : 1878176.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 929.356+/-0.278 χ^2/NDF : 3054092.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

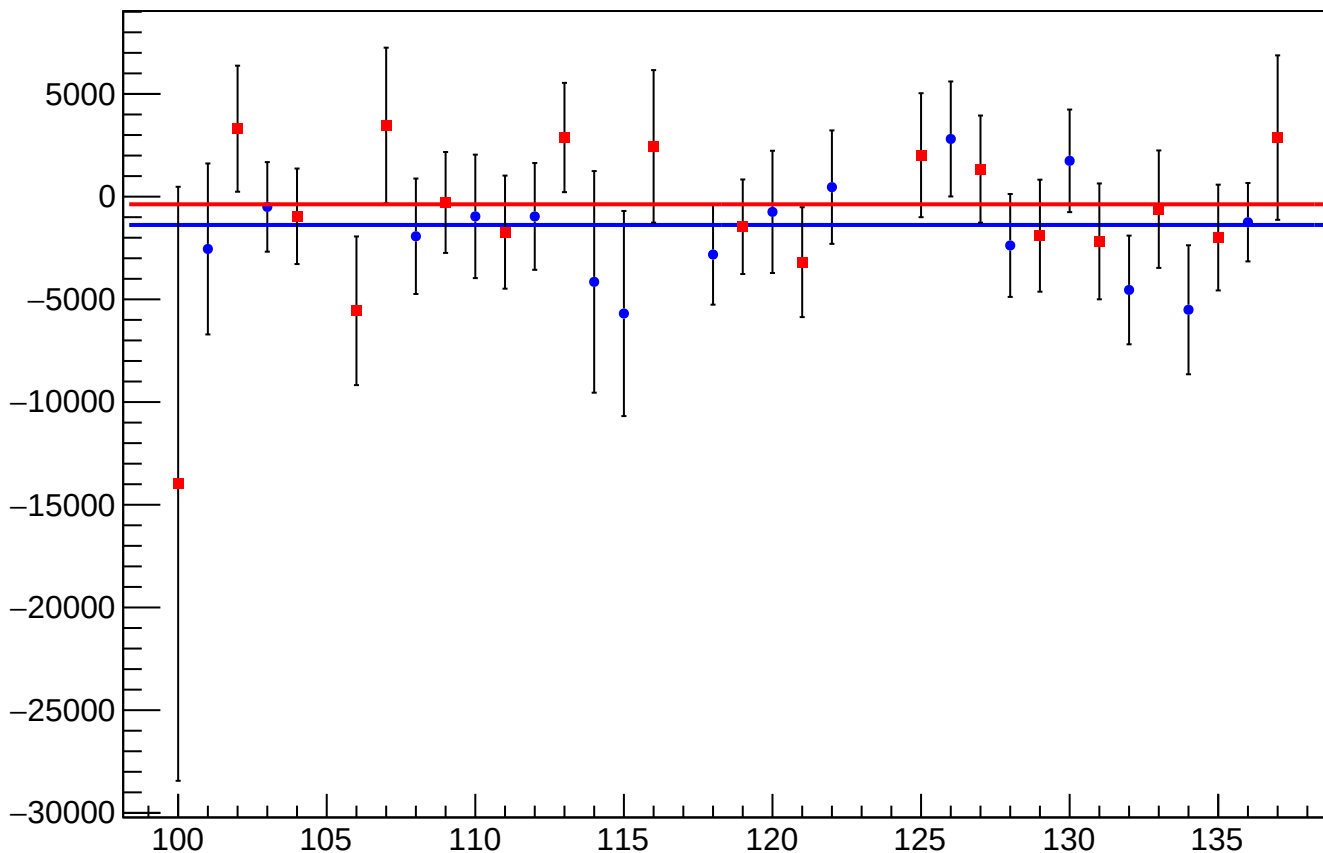
Right: 1006.170+/-0.208 χ^2/NDF : 5104800.3/33

In: 1103.183+/-0.313 χ^2/NDF : 1878176.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.170+/-0.208 χ^2/NDF : 5104800.3/33

cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.534+/-684.408 χ^2/NDF : 12.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

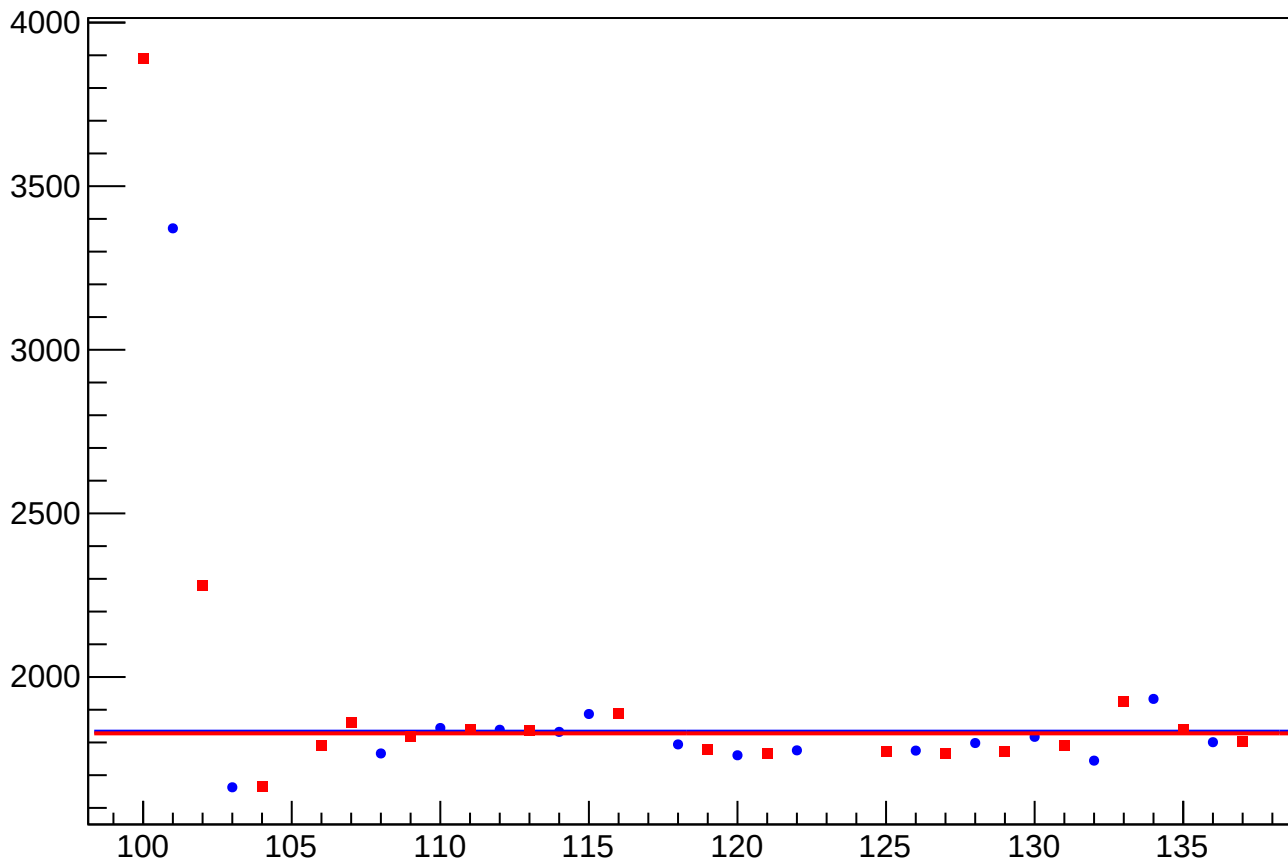
Right: -871.950+/-485.576 χ^2/NDF : 22.3/33

In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -871.950+/-485.576 χ^2/NDF : 22.3/33

cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.785+/-0.484 χ^2/NDF : 102270.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

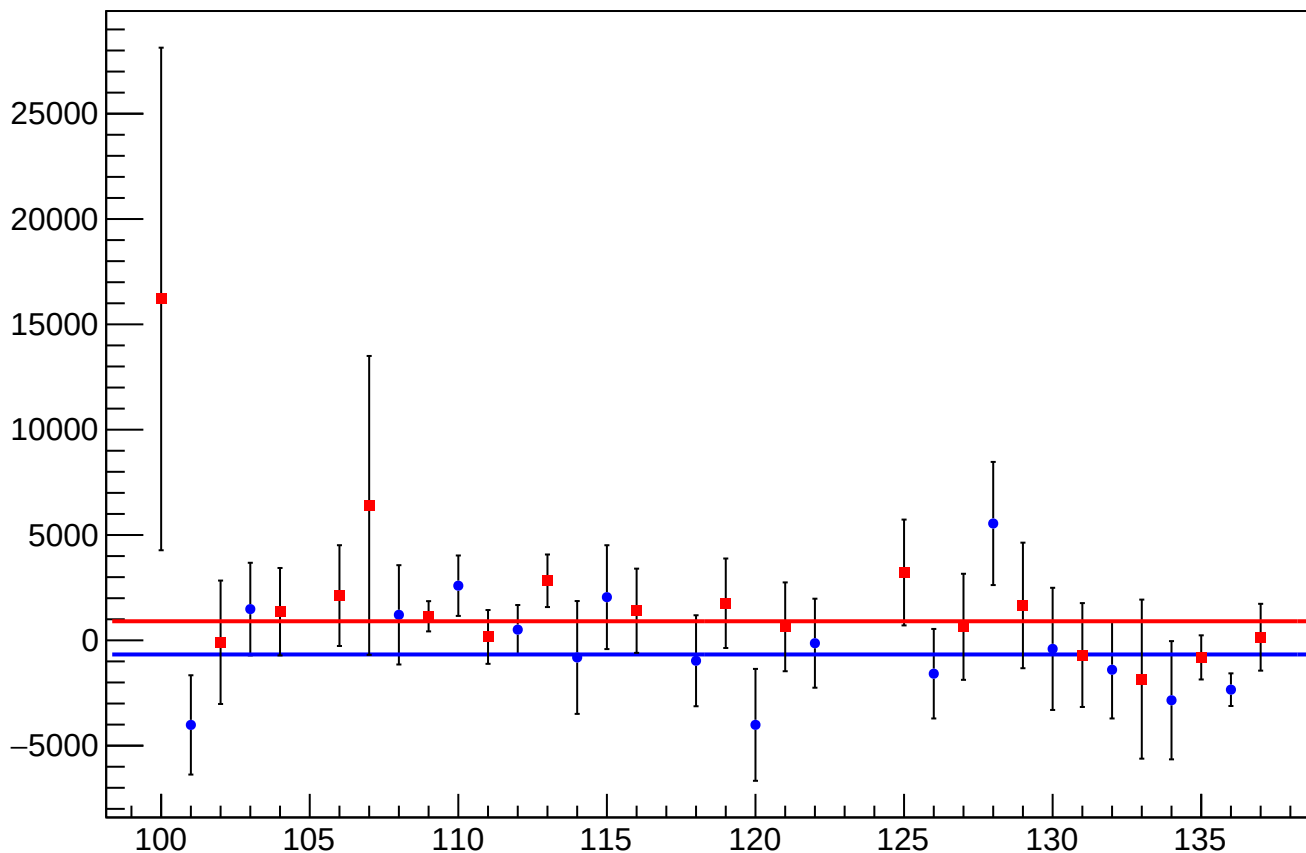
Right: 1830.348+/-0.343 χ^2/NDF : 397768.0/33

In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.348+/-0.343 χ^2/NDF : 397768.0/33

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -670.539 $\pm$ 442.505 χ^2/NDF : 22.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 905.874 $\pm$ 394.814 χ^2/NDF : 10.5/17

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

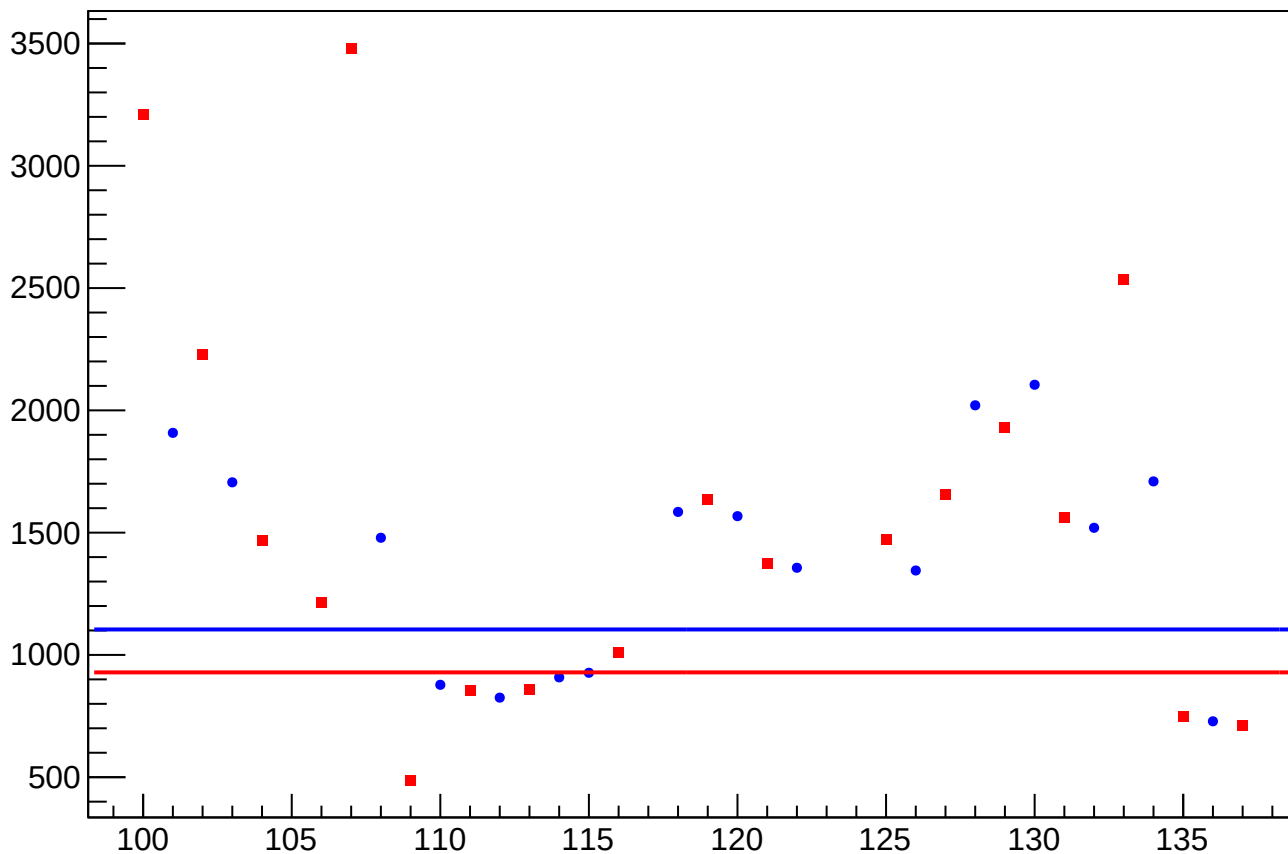
Right: 207.164 $\pm$ 294.599 χ^2/NDF : 40.3/33

In: -670.539 $\pm$ 442.505 χ^2/NDF : 22.8/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 207.164 $\pm$ 294.599 χ^2/NDF : 40.3/33

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.629+/-0.279 χ^2/NDF : 3054381.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

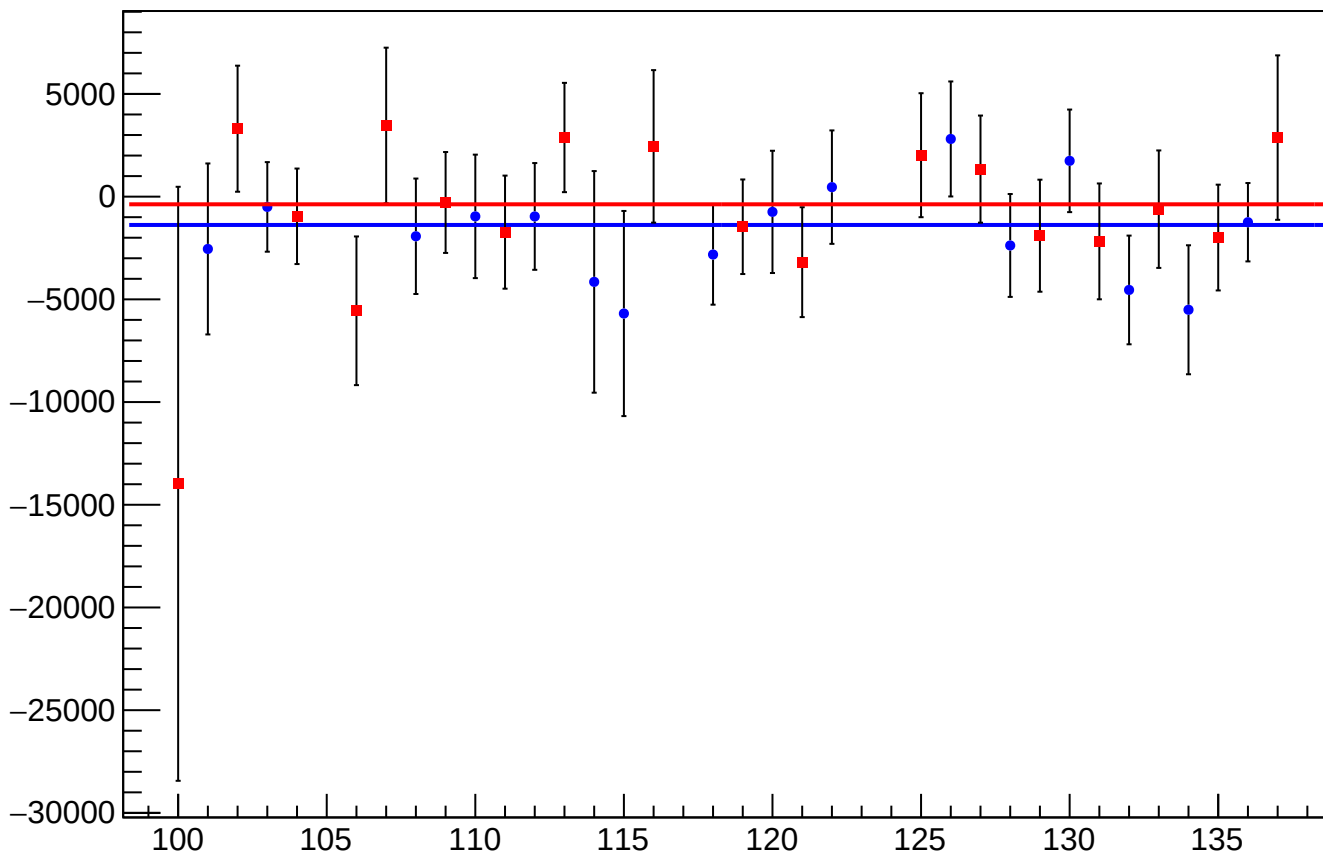
Right: 1006.404+/-0.208 χ^2/NDF : 5123967.6/33

In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.404+/-0.208 χ^2/NDF : 5123967.6/33

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -372.534+/-684.408 χ^2/NDF : 12.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

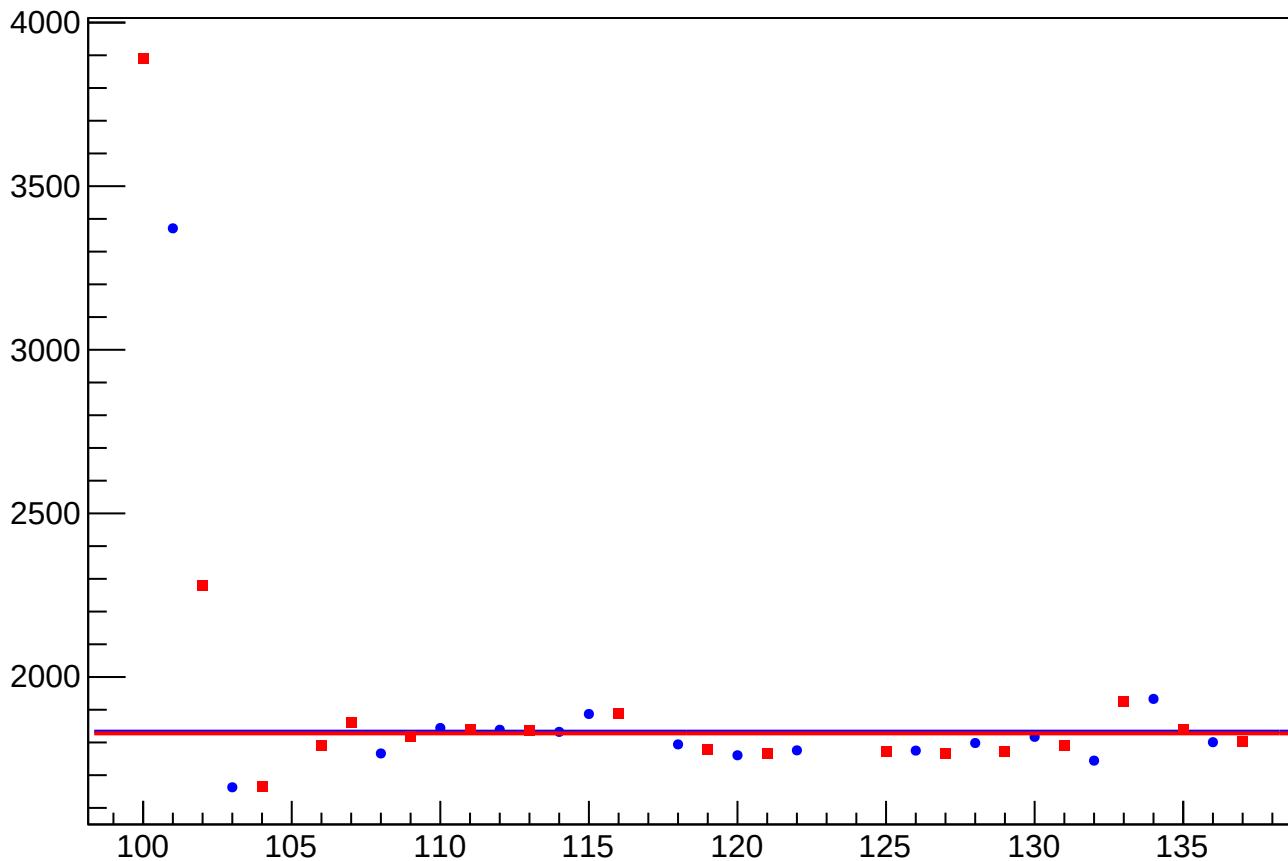
Right: -871.950+/-485.576 χ^2/NDF : 22.3/33

In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -871.950+/-485.576 χ^2/NDF : 22.3/33

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1827.785+/-0.484 χ^2/NDF : 102270.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

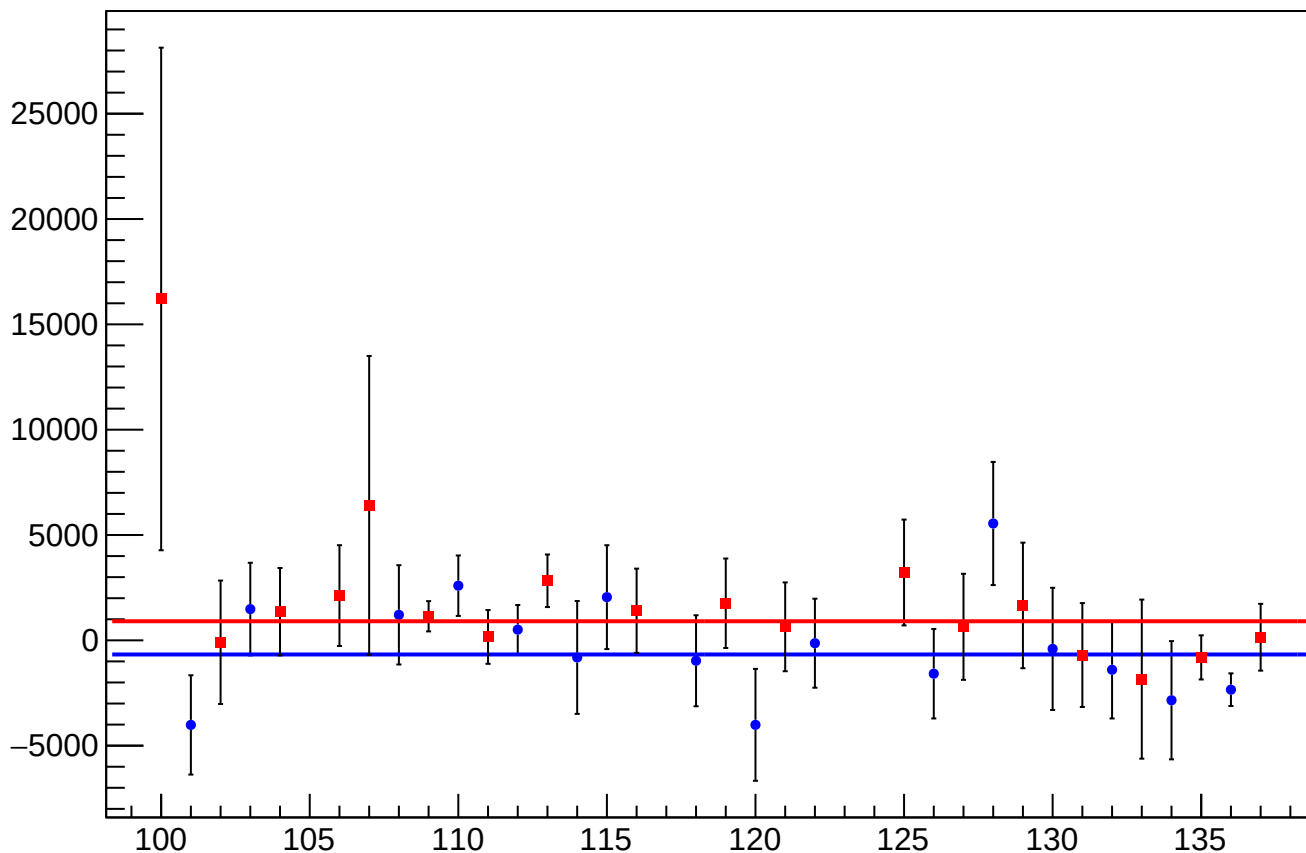
Right: 1830.348+/-0.343 χ^2/NDF : 397768.0/33

In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.348+/-0.343 χ^2/NDF : 397768.0/33

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -670.539+/-442.505 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 905.874+/-394.814 χ^2/NDF : 10.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

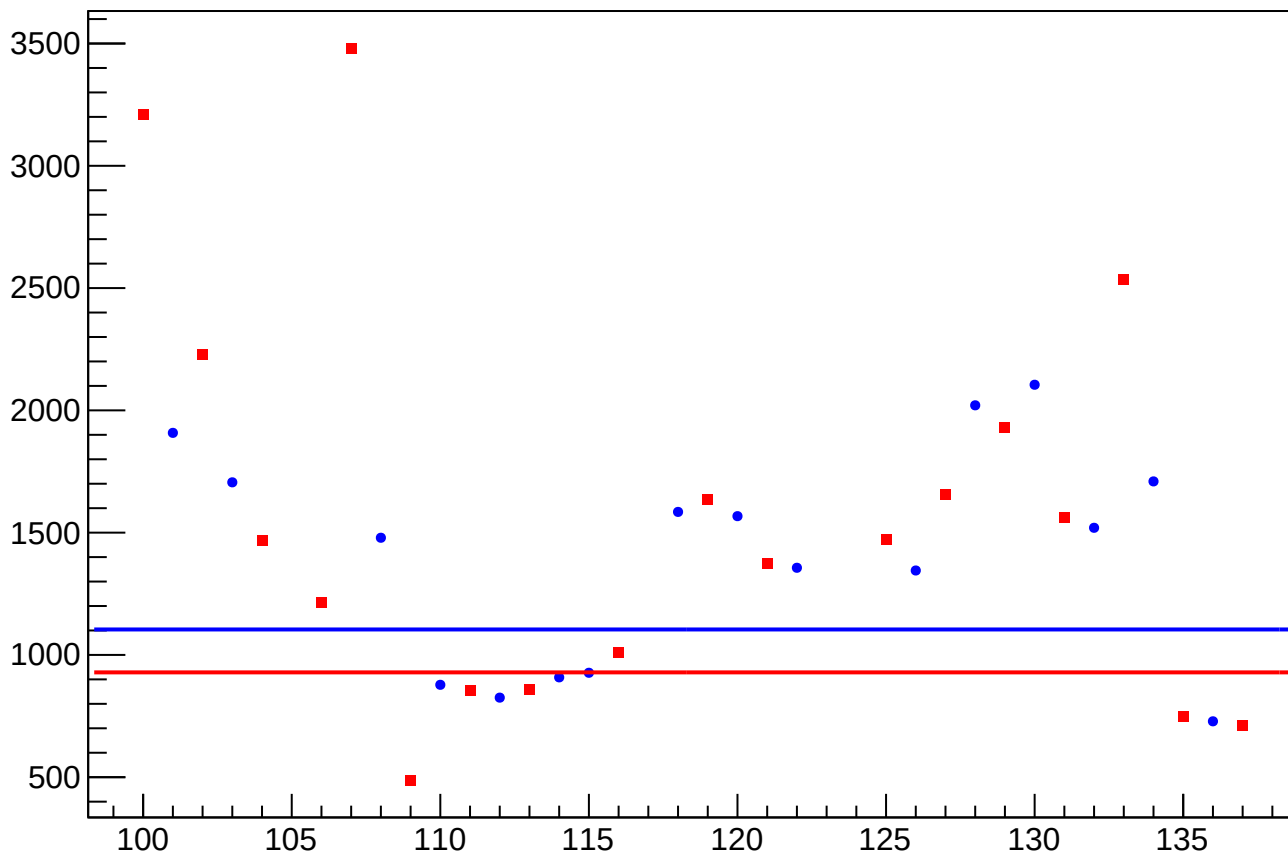
Right: 207.164+/-294.599 χ^2/NDF : 40.3/33

In: -670.539+/-442.505 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.164+/-294.599 χ^2/NDF : 40.3/33

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 928.629+/-0.279 χ^2/NDF : 3054381.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

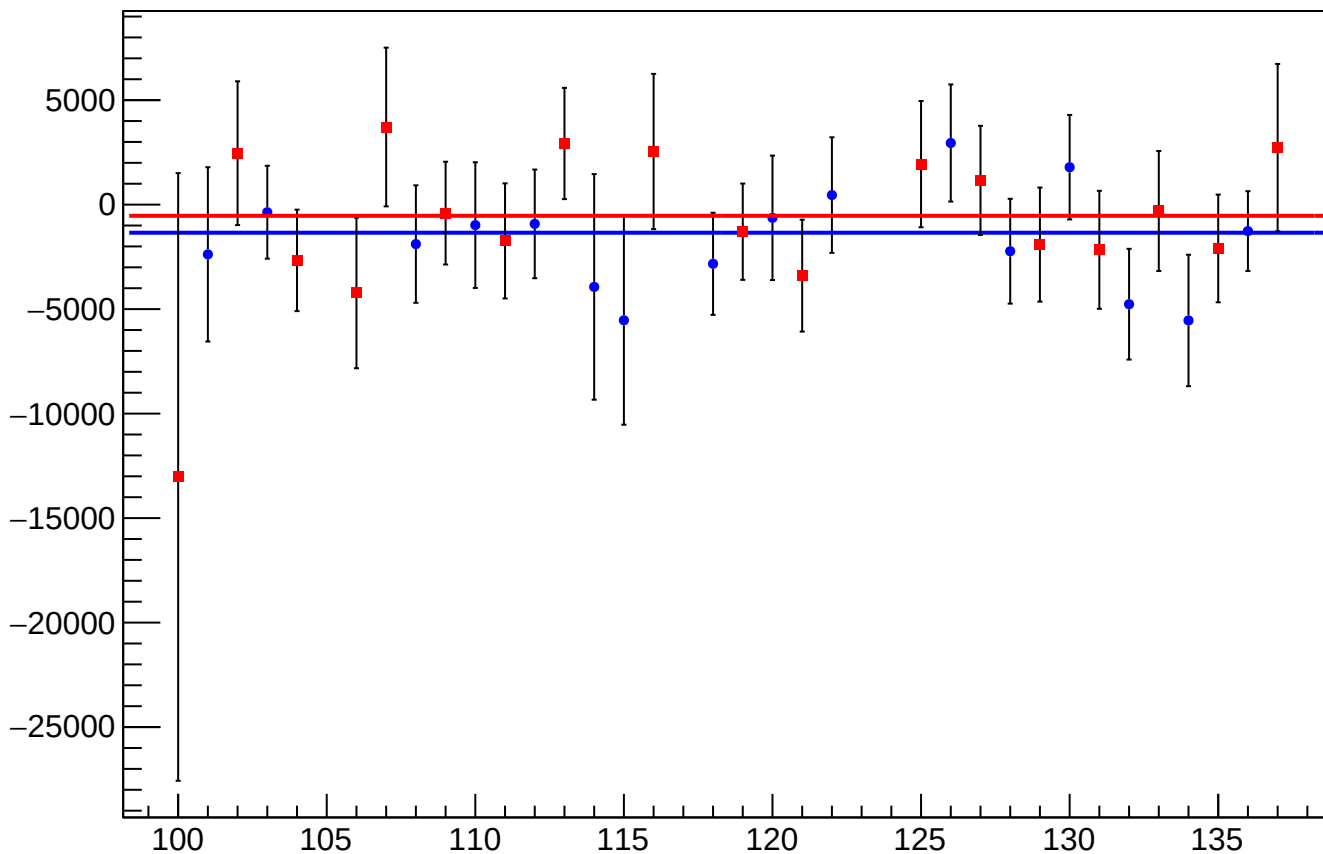
Right: 1006.404+/-0.208 χ^2/NDF : 5123967.6/33

In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.404+/-0.208 χ^2/NDF : 5123967.6/33

dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1343.952 $\pm$ 690.940 χ^2 /NDF: 9.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -534.194 $\pm$ 690.970 χ^2 /NDF: 11.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

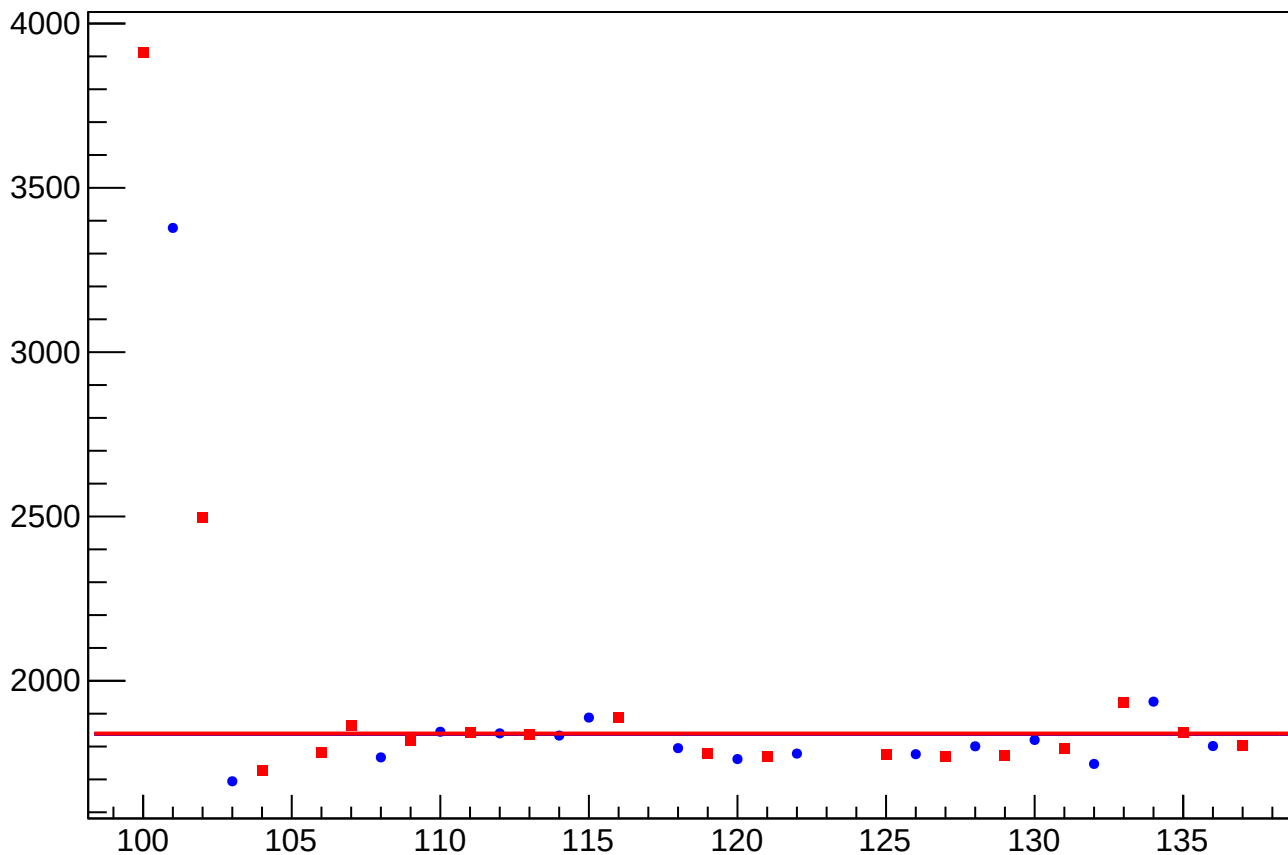
Right: -939.091 $\pm$ 488.579 χ^2 /NDF: 21.4/33

In: -1343.952 $\pm$ 690.940 χ^2 /NDF:9.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -939.091 $\pm$ 488.579 χ^2 /NDF: 21.4/33

dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1838.159+/-0.489 χ^2/NDF : 291984.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.517+/-0.489 χ^2/NDF : 128253.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

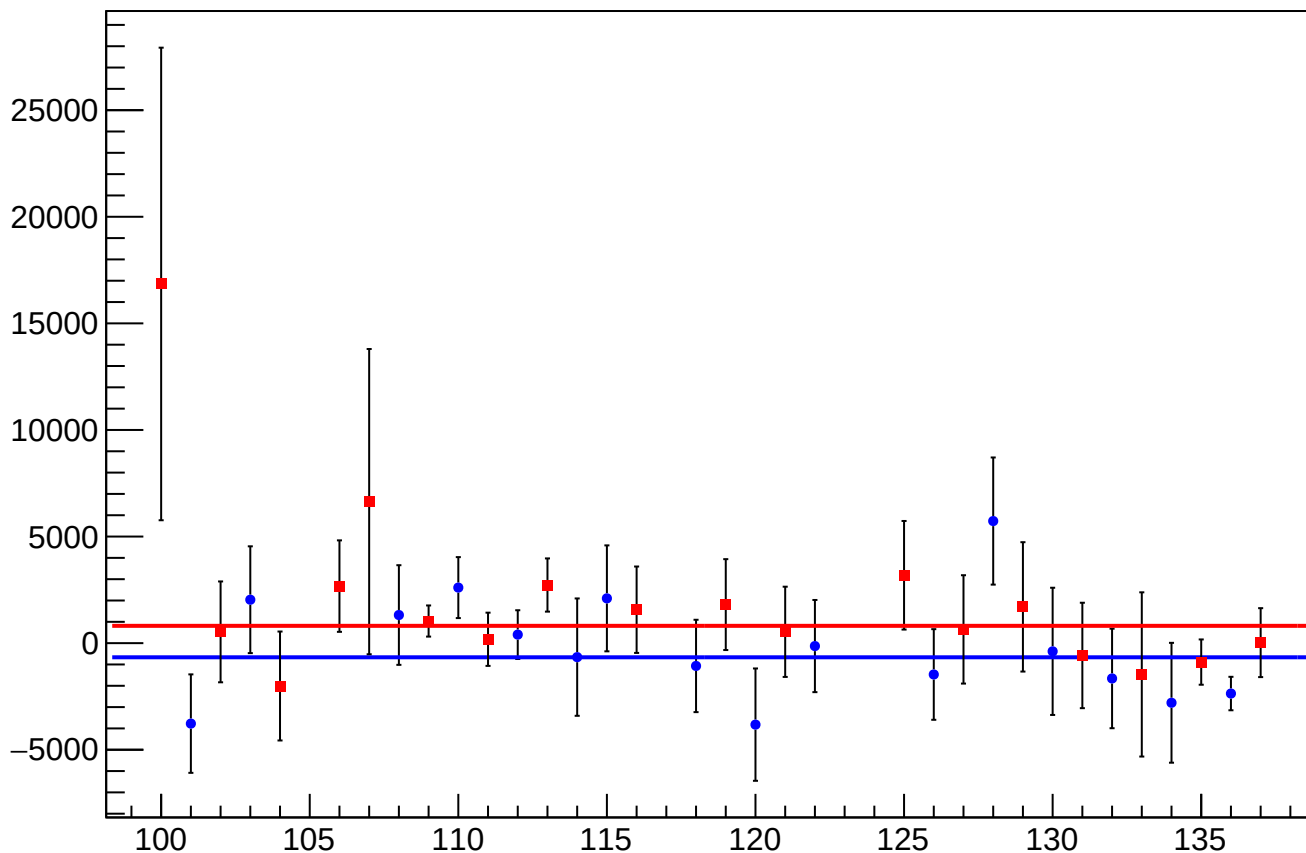
Right: 1838.838+/-0.345 χ^2/NDF : 420241.4/33

In: 1838.159+/-0.489 χ^2/NDF : 291984.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.838+/-0.345 χ^2/NDF : 420241.4/33

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -663.489+/-445.903 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 812.187+/-397.187 χ^2/NDF : 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

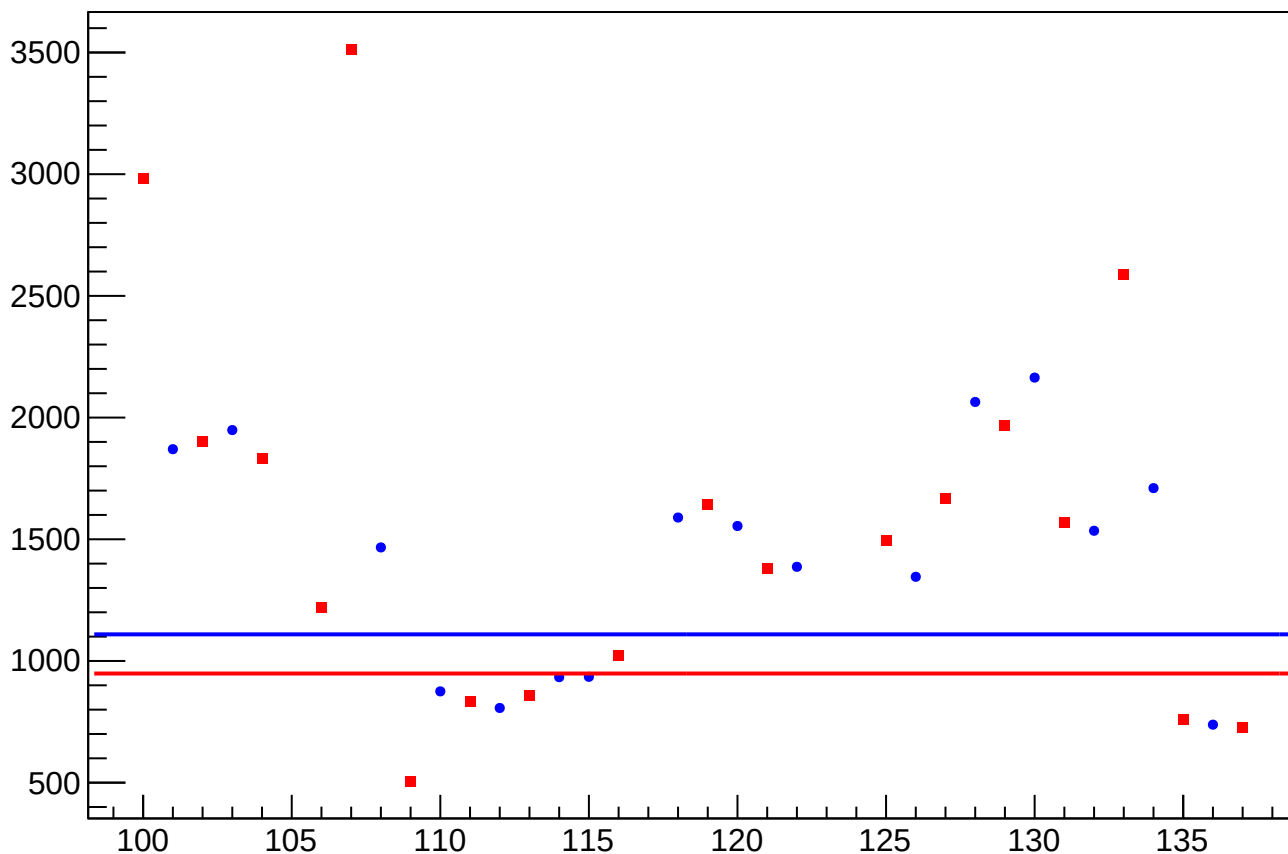
Right: 159.335+/-296.587 χ^2/NDF : 41.1/33

In: -663.489+/-445.903 χ^2/NDF :22.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.335+/-296.587 χ^2/NDF : 41.1/33

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1109.362+/-0.315 χ^2/NDF : 1973363.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.438+/-0.281 χ^2/NDF : 3053670.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

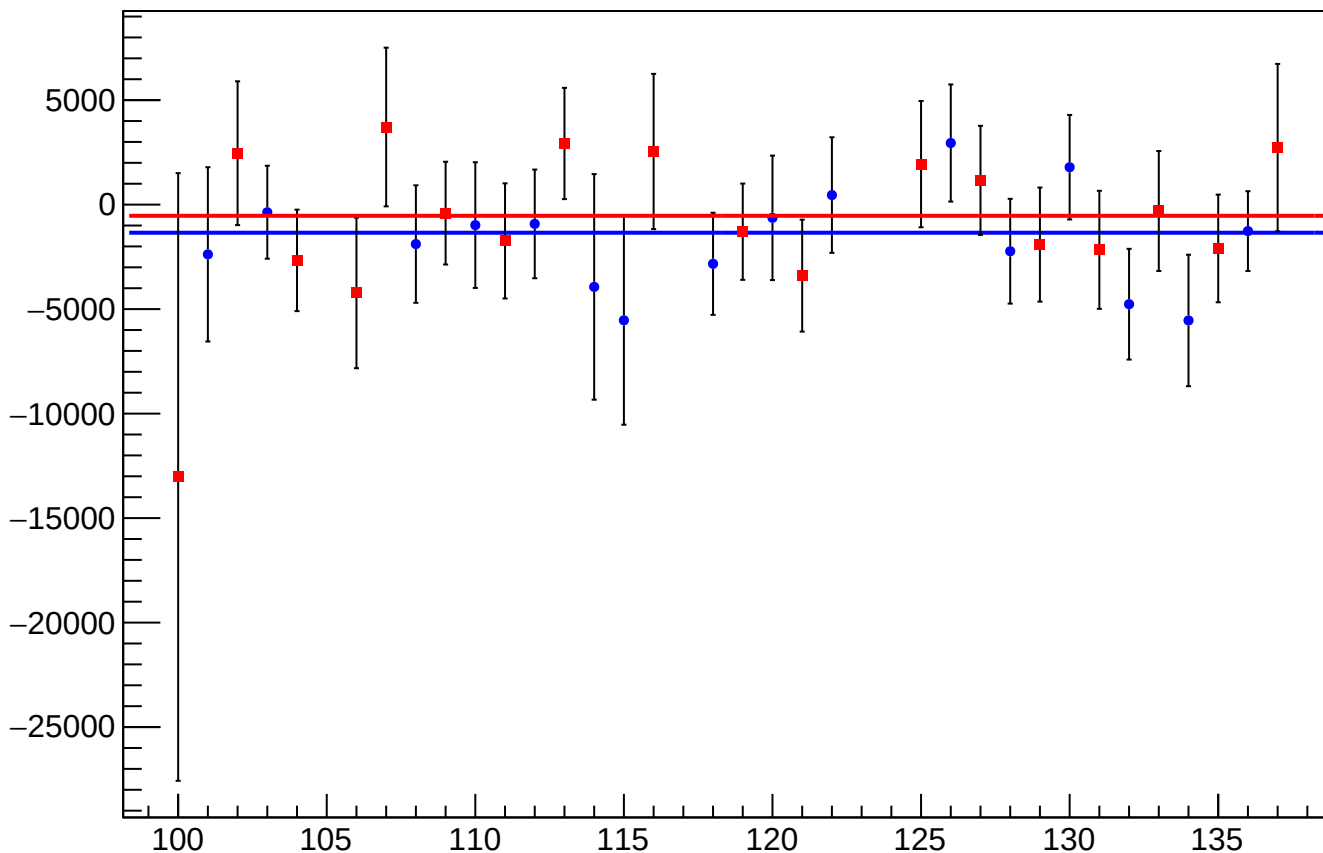
Right: 1019.632+/-0.210 χ^2/NDF : 5172280.0/33

In: 1109.362+/-0.315 χ^2/NDF : 1973363.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.632+/-0.210 χ^2/NDF : 5172280.0/33

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1343.955 $\pm$ 690.940 χ^2 /NDF: 9.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -534.199 $\pm$ 690.970 χ^2 /NDF: 11.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

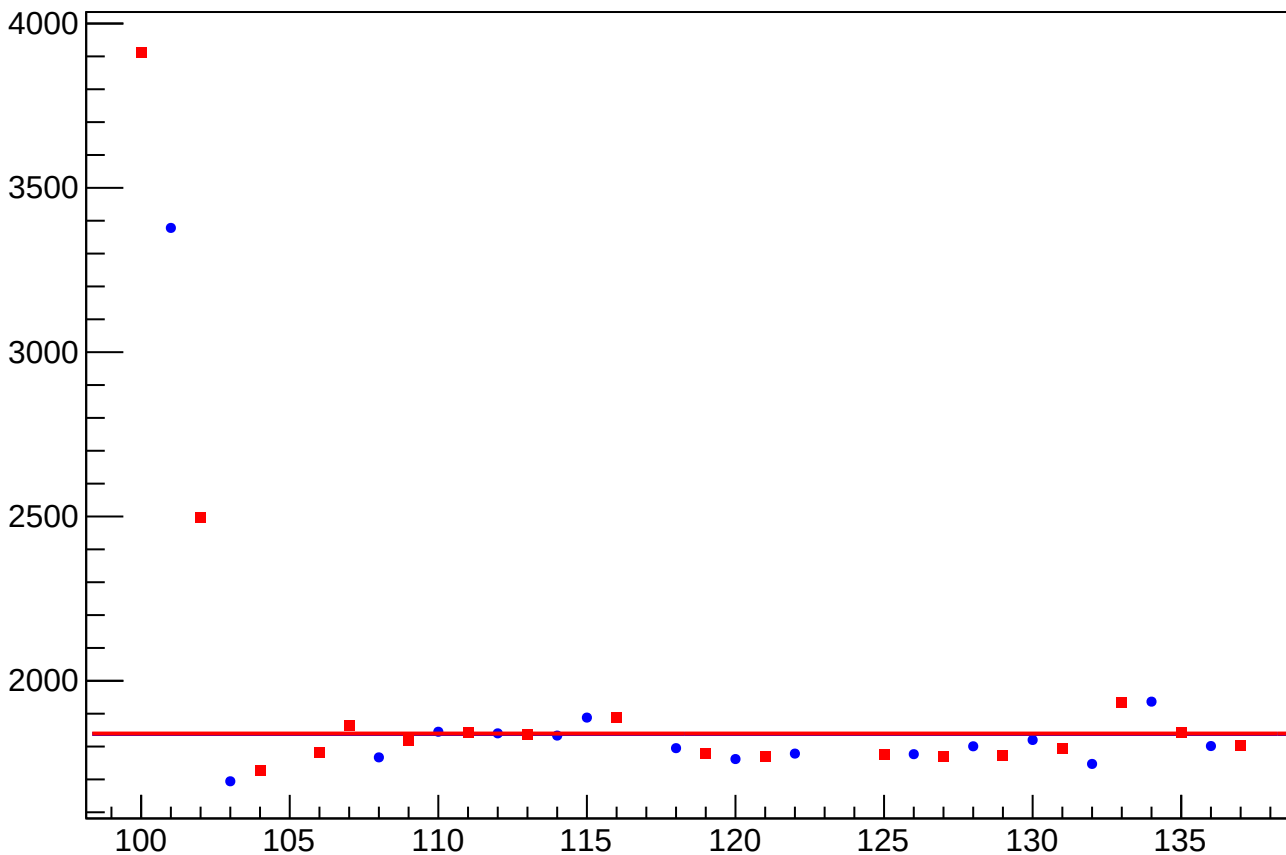
Right: -939.094 $\pm$ 488.579 χ^2 /NDF: 21.4/33

In: -1343.955 $\pm$ 690.940 χ^2 /NDF:9.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -939.094 $\pm$ 488.579 χ^2 /NDF: 21.4/33

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 1838.159+/-0.489 χ^2/NDF : 291984.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1839.517+/-0.489 χ^2/NDF : 128253.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

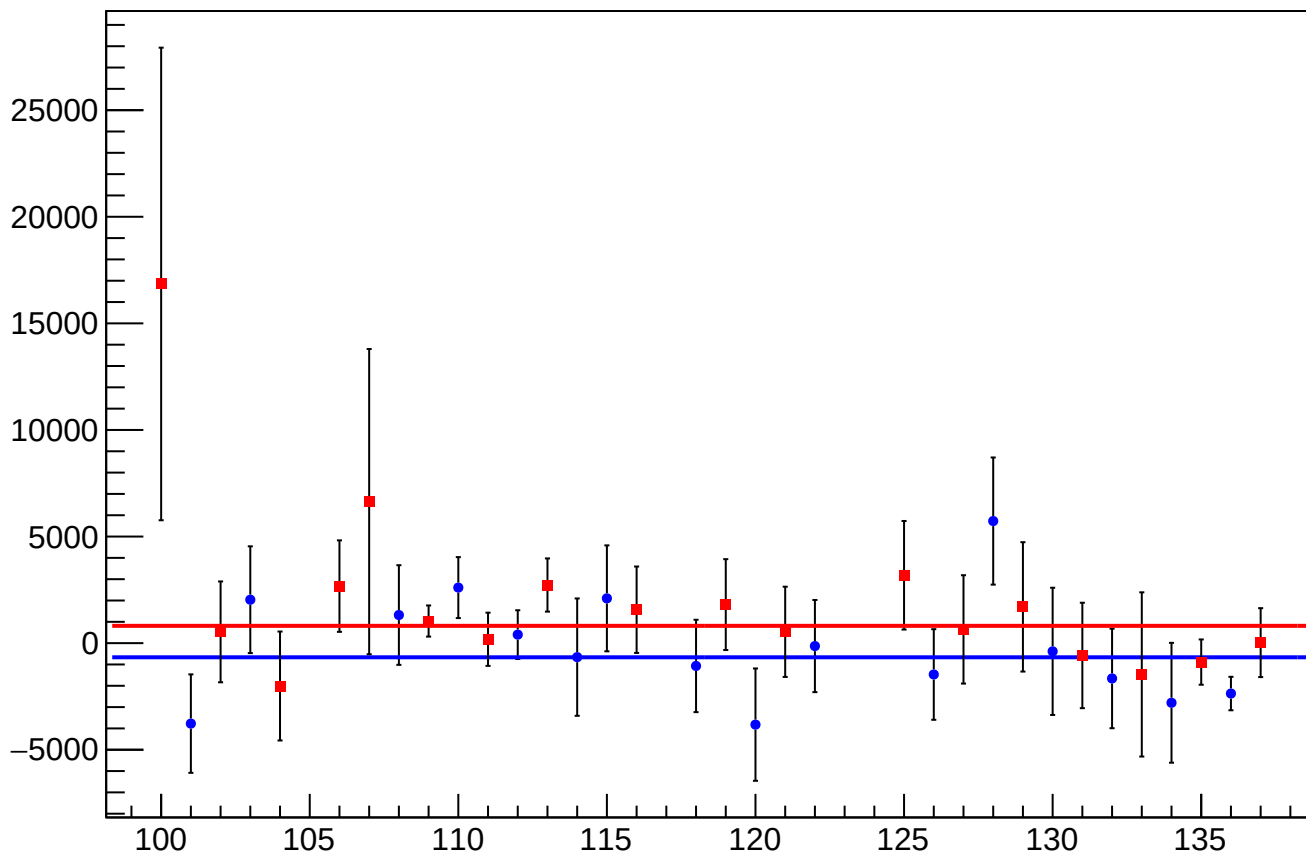
Right: 1838.838+/-0.345 χ^2/NDF : 420241.4/33

In: 1838.159+/-0.489 χ^2/NDF : 291984.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1838.838+/-0.345 χ^2/NDF : 420241.4/33

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -663.476+/-445.904 χ^2/NDF : 22.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 812.194+/-397.187 χ^2/NDF : 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

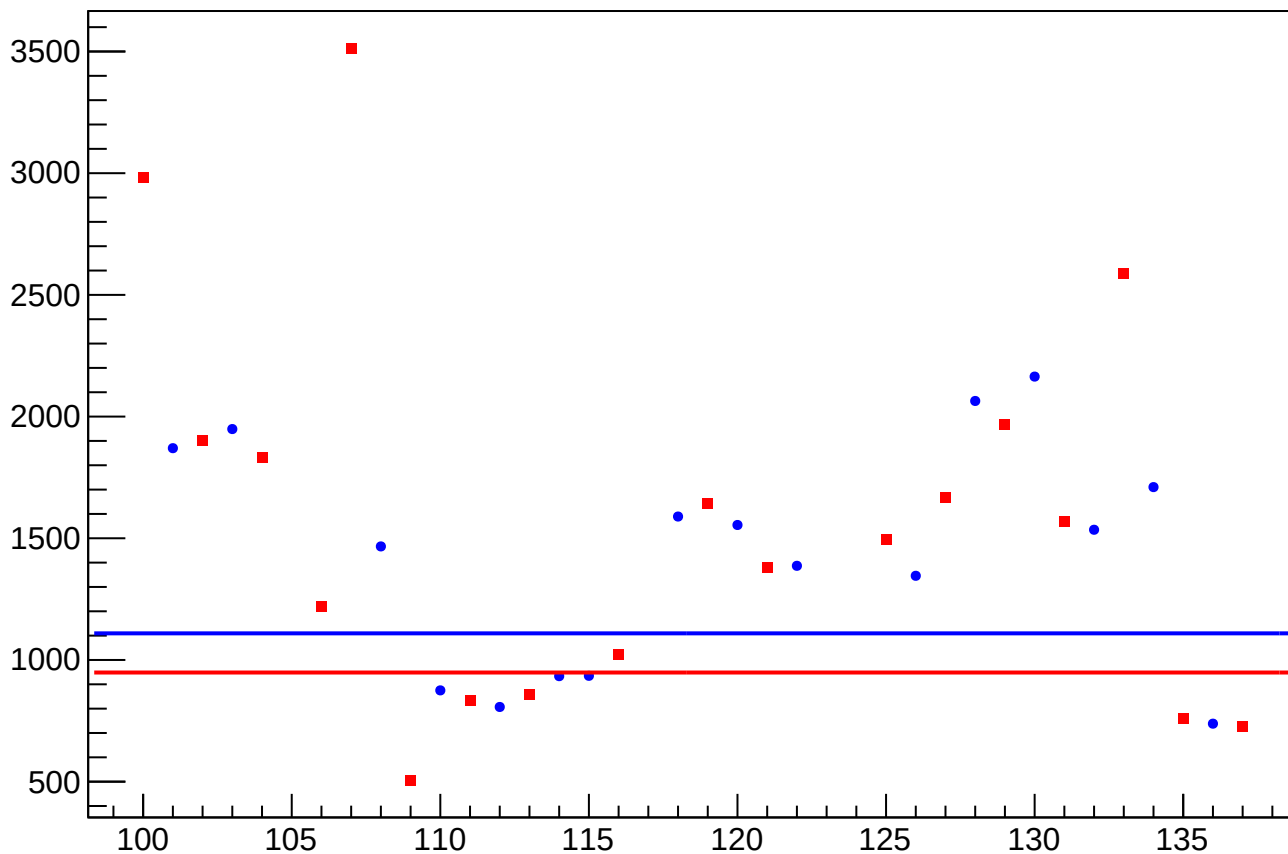
Right: 159.344+/-296.588 χ^2/NDF : 41.1/33

In: -663.476+/-445.904 χ^2/NDF :22.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 159.344+/-296.588 χ^2/NDF : 41.1/33

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1109.365+/-0.315 χ^2/NDF : 1973324.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.441+/-0.281 χ^2/NDF : 3053644.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

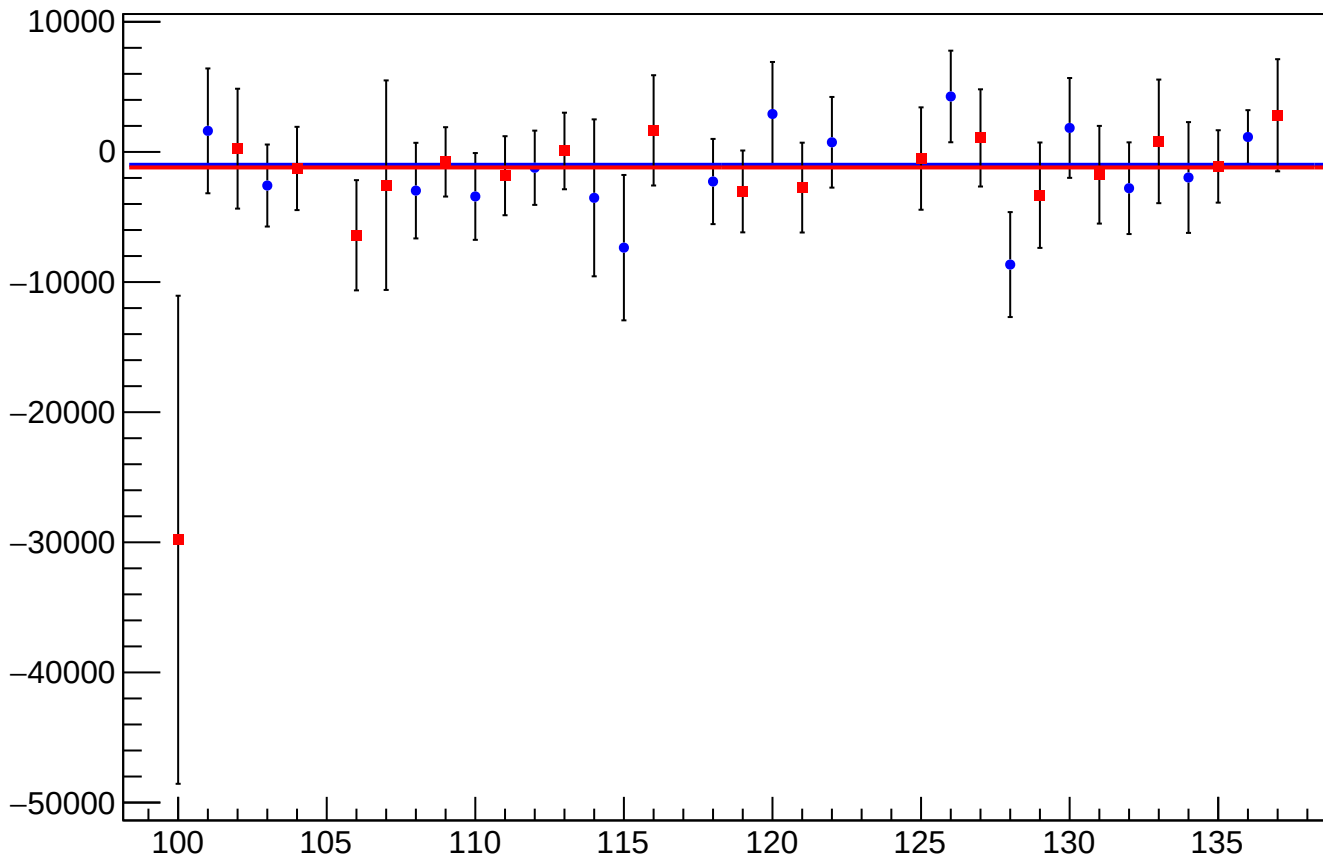
Right: 1019.635+/-0.210 χ^2/NDF : 5172215.4/33

In: 1109.365+/-0.315 χ^2/NDF : 1973324.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1019.635+/-0.210 χ^2/NDF : 5172215.4/33

asym_us_dd_atlr_dd_avg_mean vs Slug, Sign Corrected



Right In: -987.532+/-873.840 χ^2/NDF : 12.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1192.173+/-870.432 χ^2/NDF : 7.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

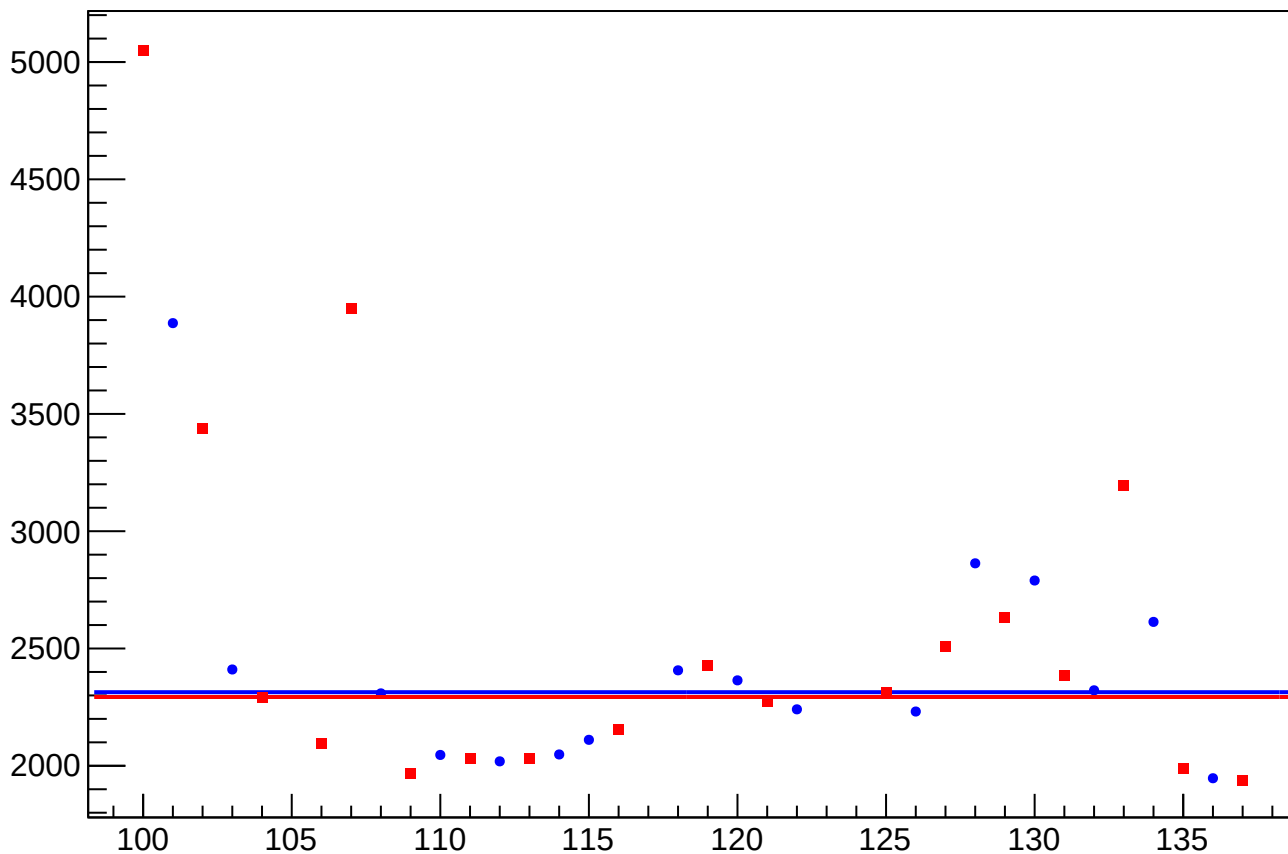
Right: -1090.252+/-616.690 χ^2/NDF : 19.0/33

In: -987.532+/-873.840 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1090.252+/-616.690 χ^2/NDF : 19.0/33

asym_us_dd_atlr_dd_avg_rms vs Slug, Sign Corrected



Right In: 2313.740+/-0.618 χ^2/NDF : 402756.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2293.273+/-0.615 χ^2/NDF : 453202.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

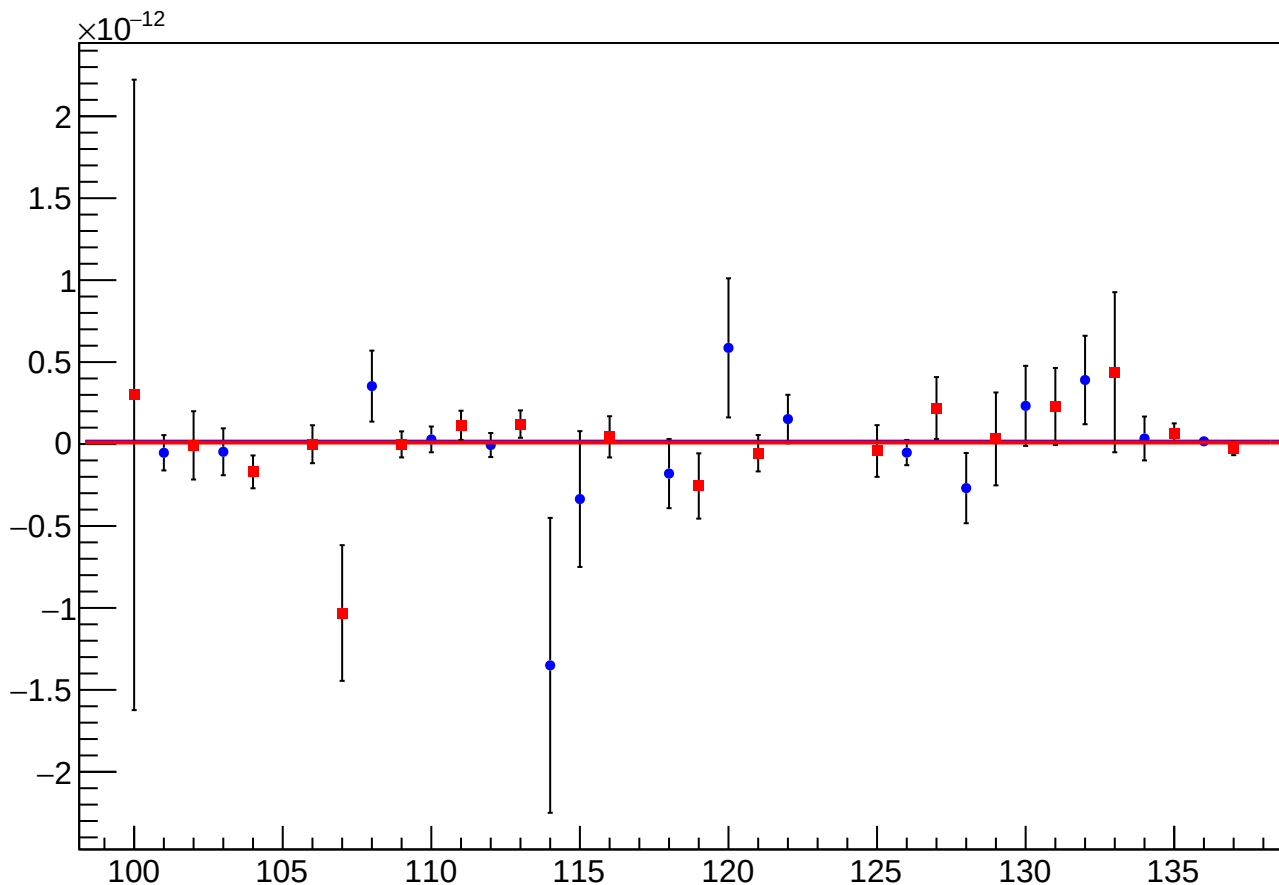
Right: 2303.467+/-0.436 χ^2/NDF : 856509.6/33

In: 2313.740+/-0.618 χ^2/NDF : 402756.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2303.467+/-0.436 χ^2/NDF : 856509.6/33

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

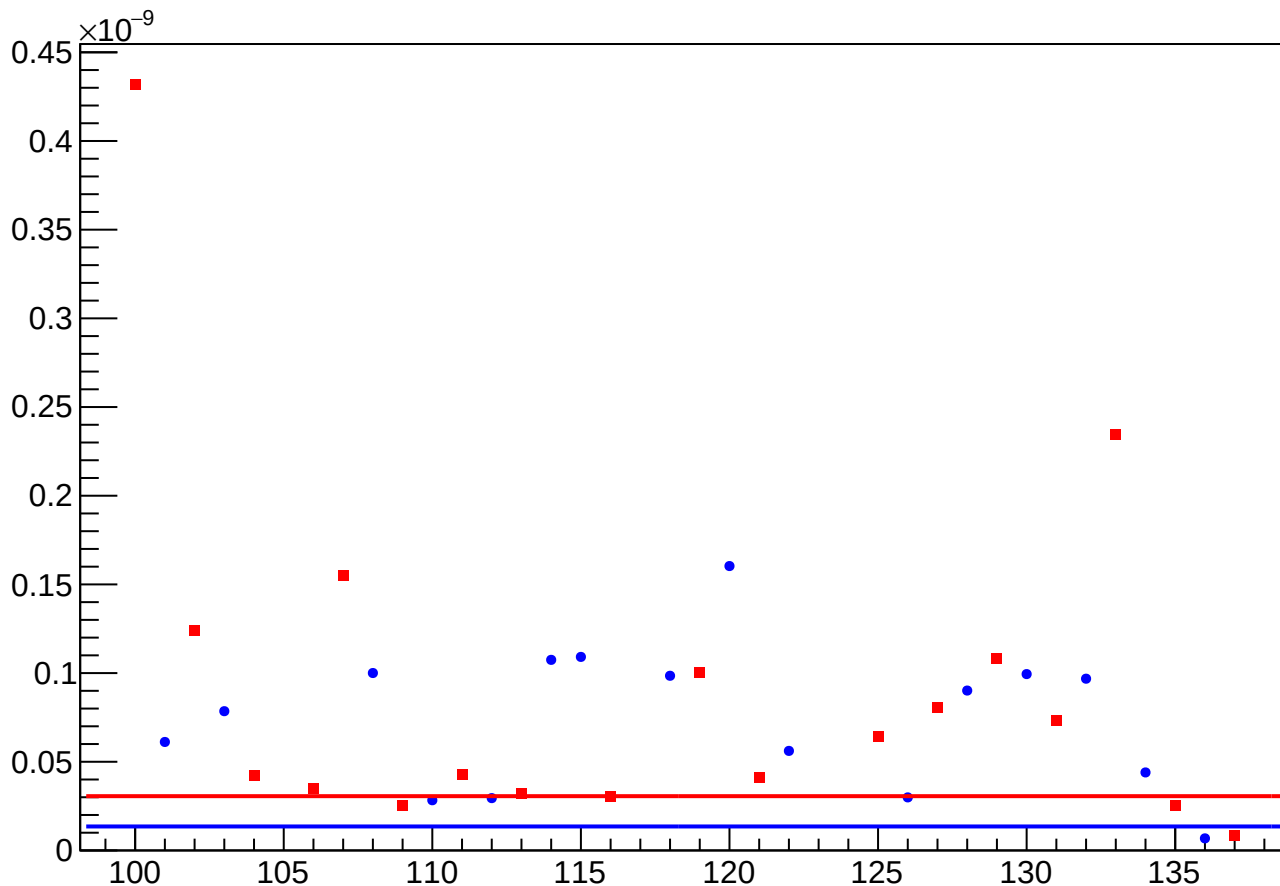
Right: 0.000+/-0.000 χ^2/NDF : 34.5/33

In: 0.000+/-0.000 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.5/33

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3416094.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2349183.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

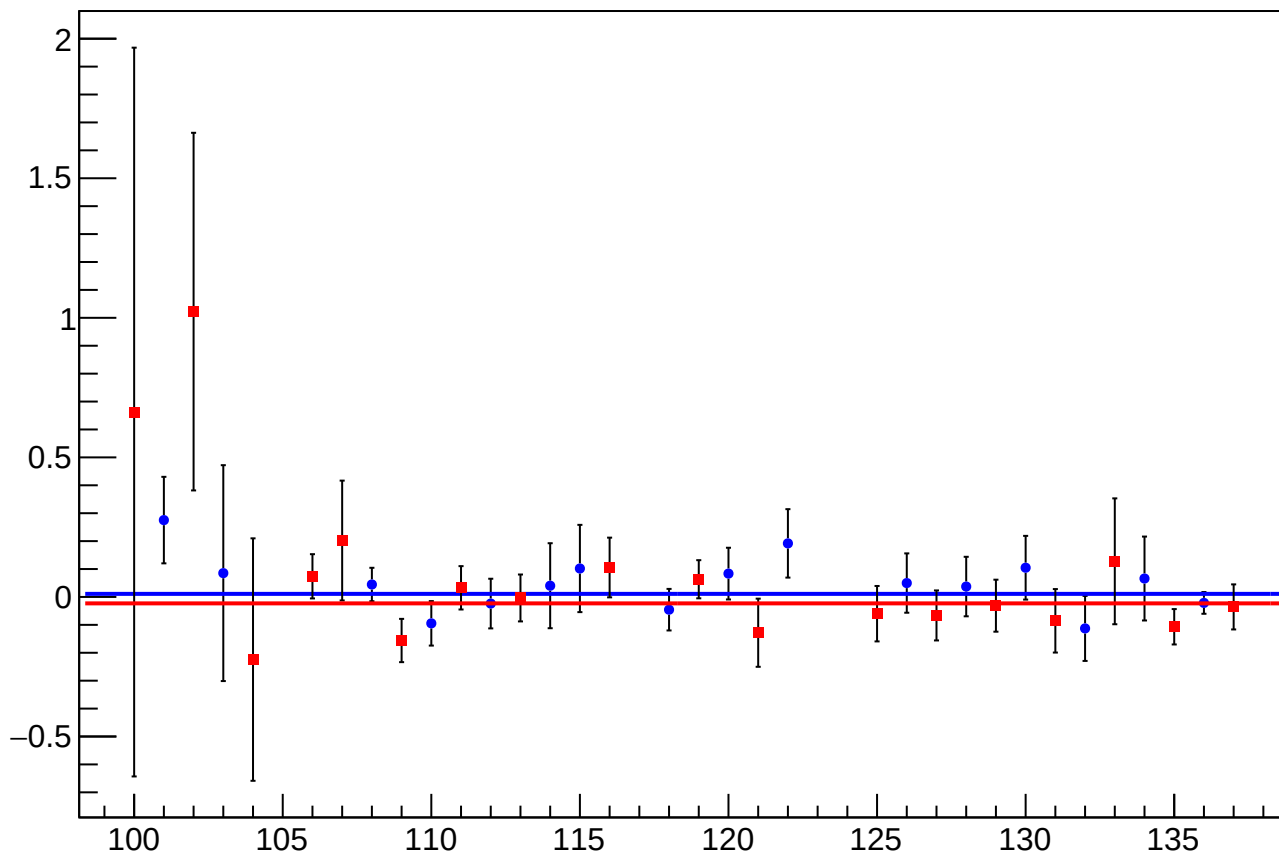
Right: 0.000+/-0.000 χ^2/NDF : 6517274.2/33

In: 0.000+/-0.000 χ^2/NDF : 3416094.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6517274.2/33

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.022 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.023 χ^2 /NDF: 16.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

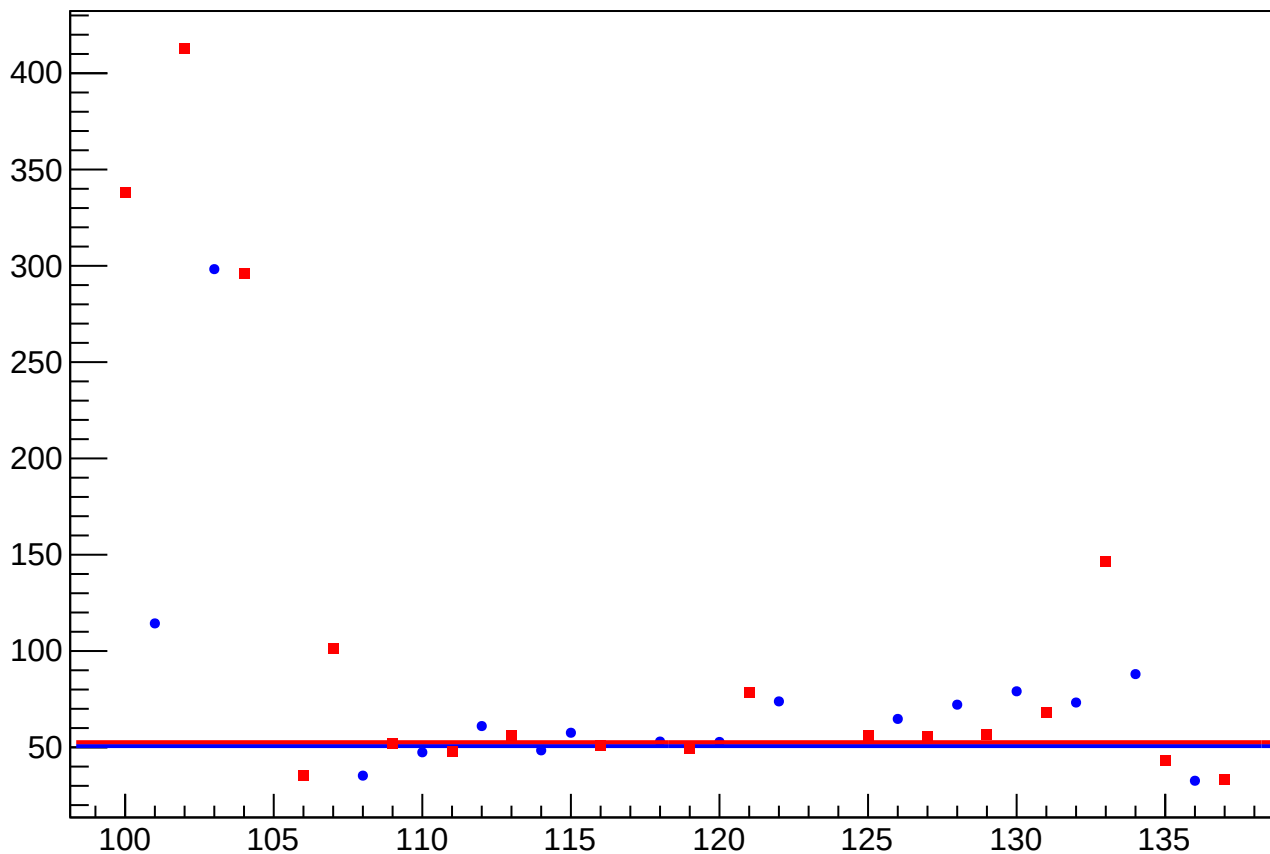
Right: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

In: 0.011 $\pm$ 0.022 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.645+/-0.015 χ^2/NDF : 2266445.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.666+/-0.016 χ^2/NDF : 2211938.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

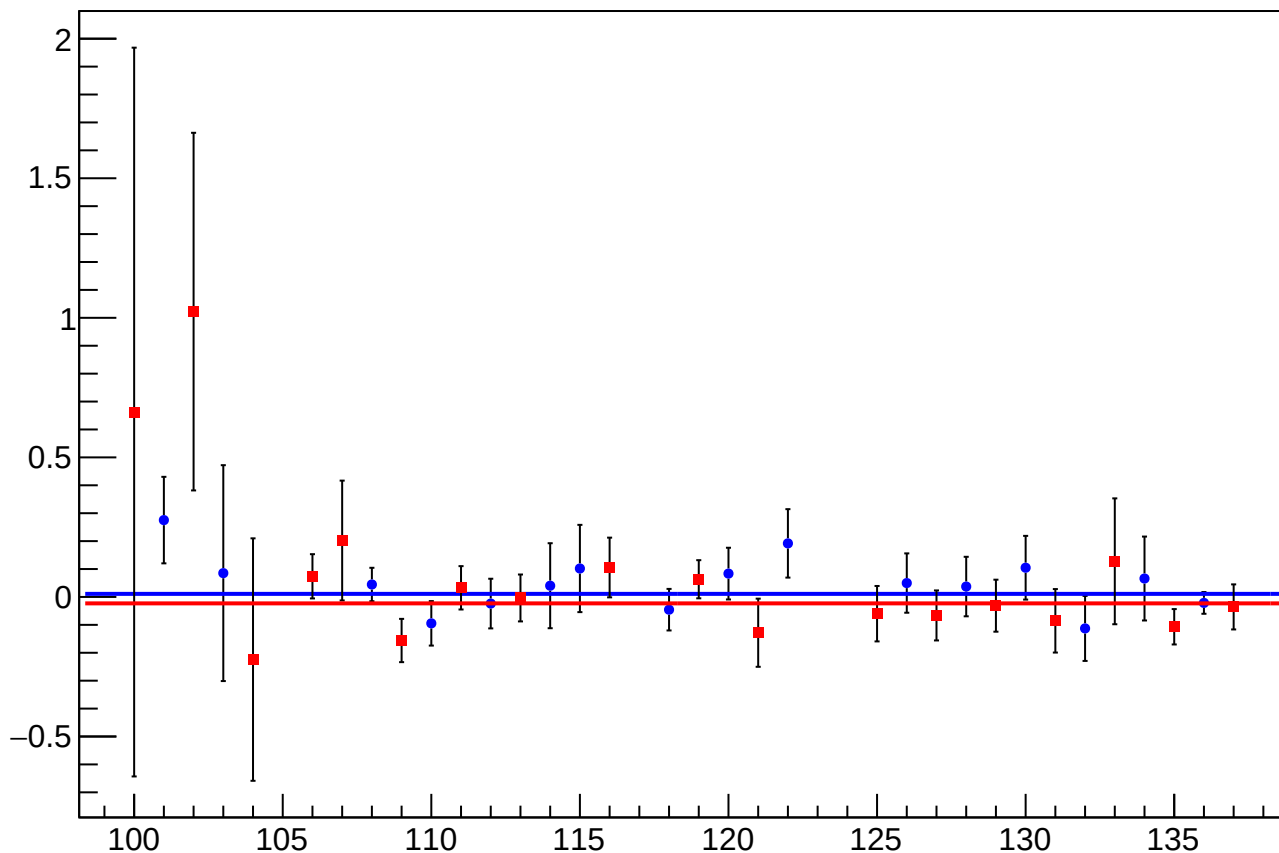
Right: 51.600+/-0.011 χ^2/NDF : 4486449.2/33

In: 50.645+/-0.015 χ^2/NDF : 2266445.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.600+/-0.011 χ^2/NDF : 4486449.2/33

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.022 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.023 χ^2 /NDF: 16.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

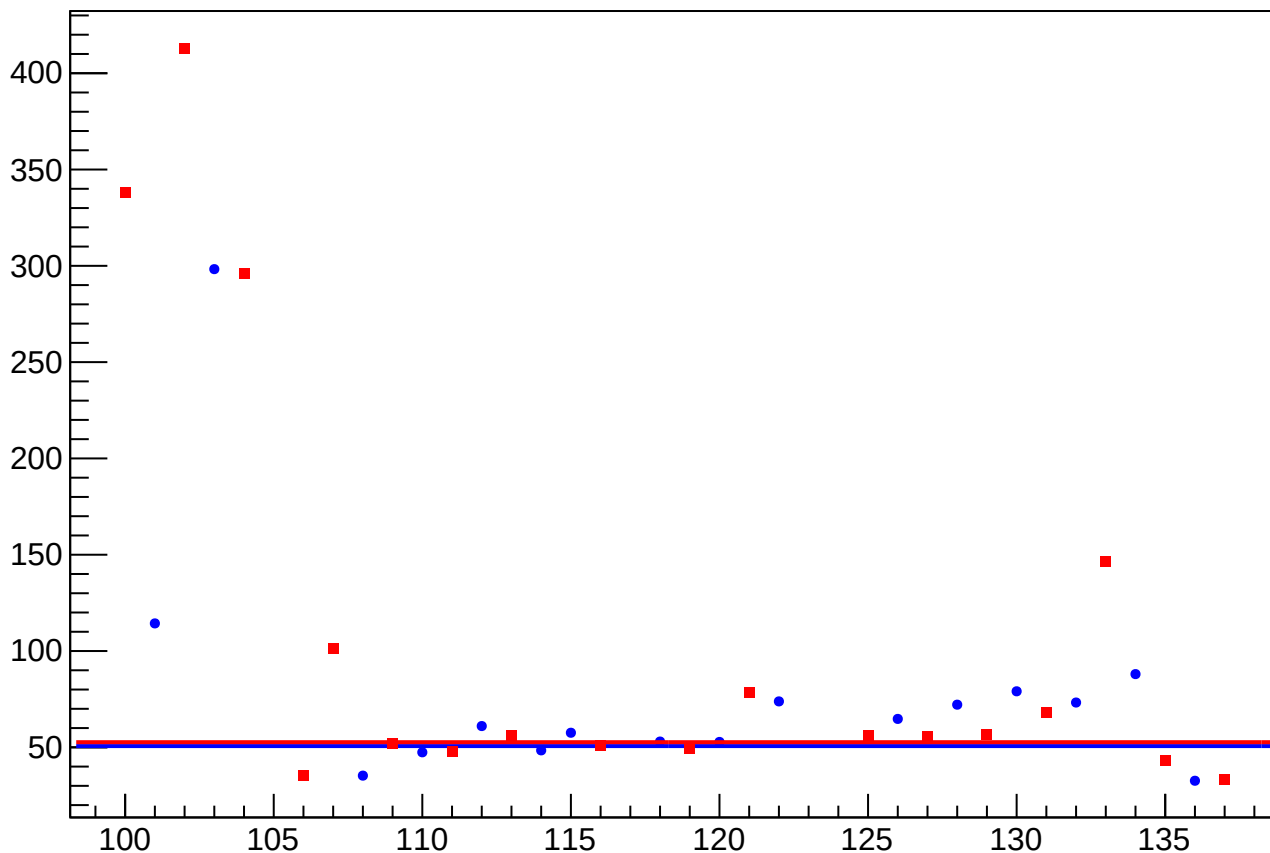
Right: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

In: 0.011 $\pm$ 0.022 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.645+/-0.015 χ^2/NDF : 2266445.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 52.666+/-0.016 χ^2/NDF : 2211938.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

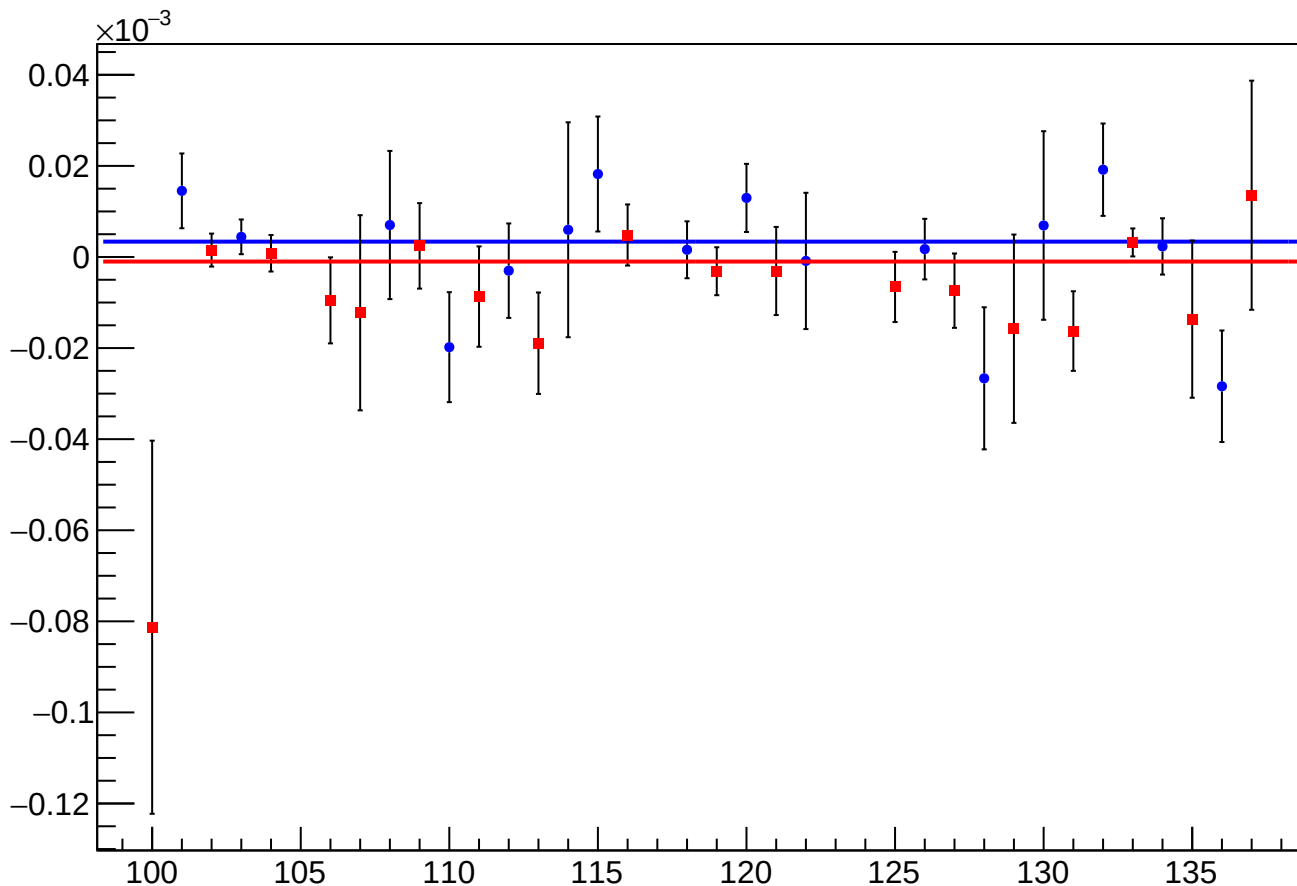
Right: 51.600+/-0.011 χ^2/NDF : 4486449.2/33

In: 50.645+/-0.015 χ^2/NDF :2266445.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.600+/-0.011 χ^2/NDF : 4486449.2/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

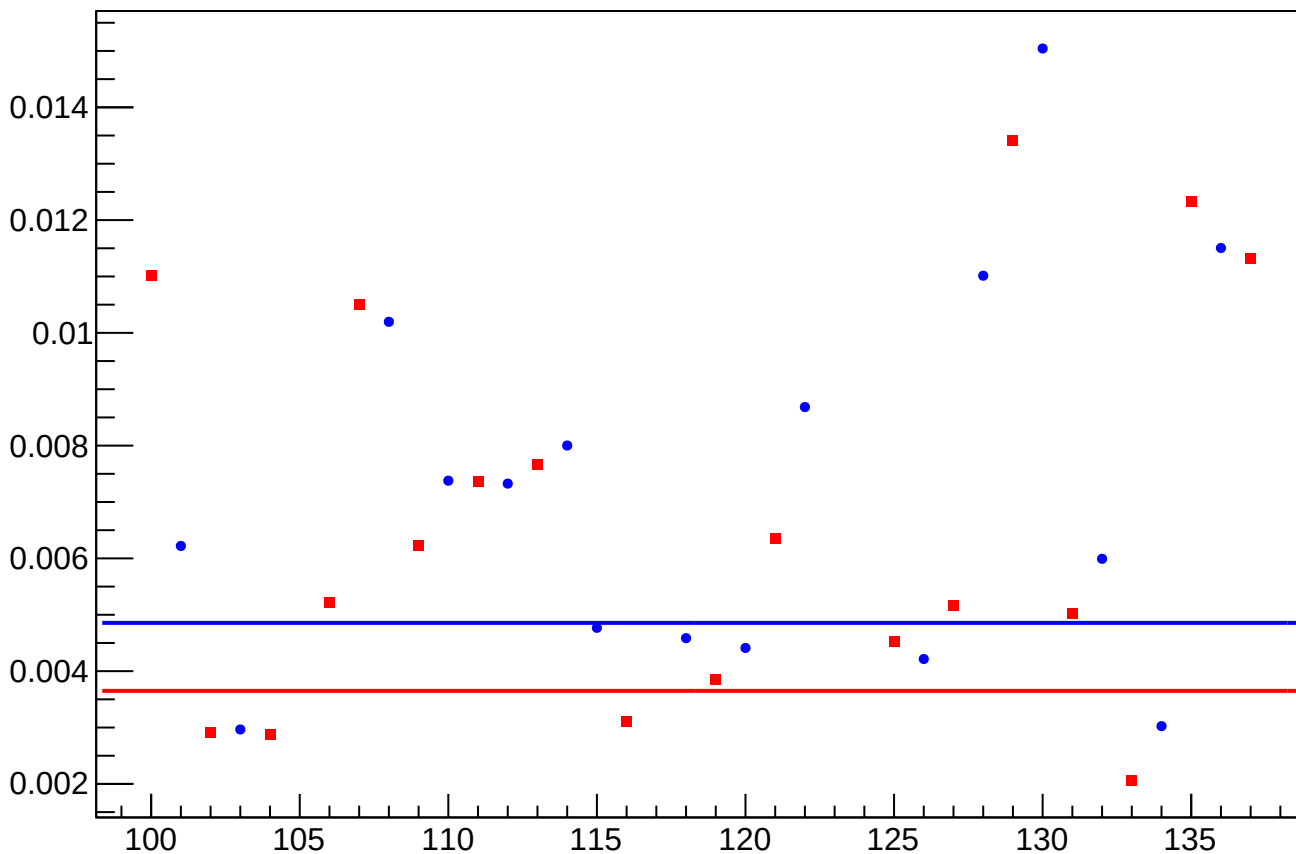
Right: 0.000+/-0.000 χ^2/NDF : 42.3/33

In: 0.000+/-0.000 χ^2/NDF : 22.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.3/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 2745089.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 3108848.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 6282872.0/33

In: 0.005+/-0.000

χ^2/NDF : 2745089.6/15

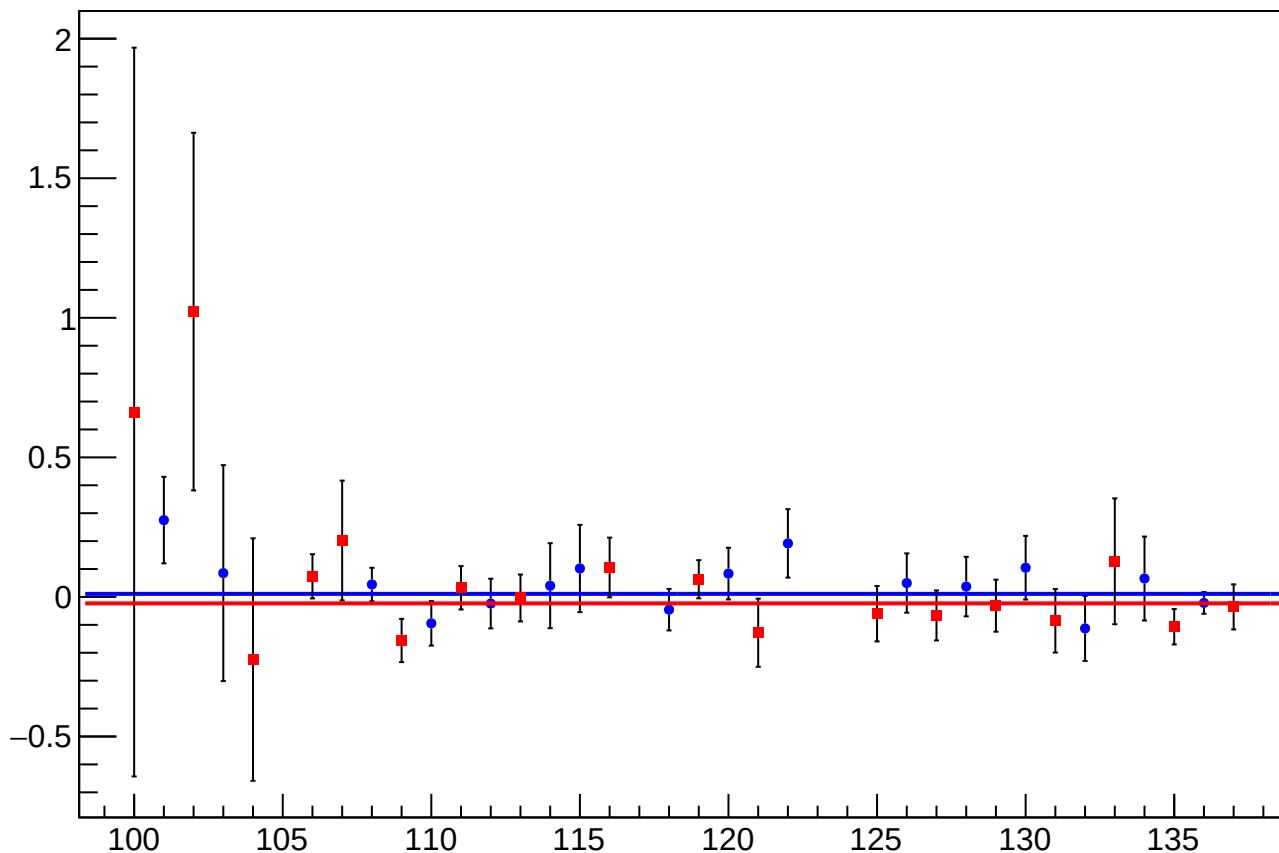
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 6282872.0/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.022 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.023 χ^2 /NDF: 15.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

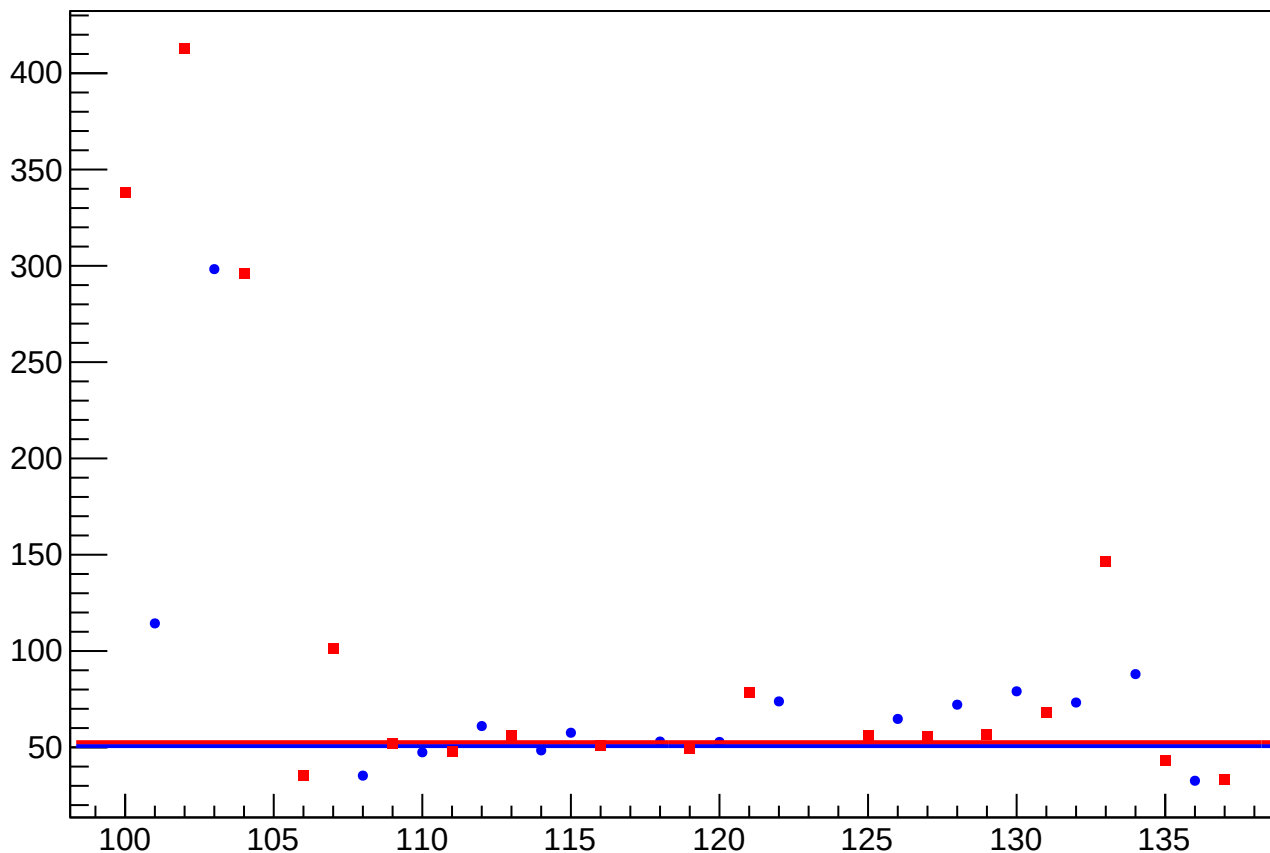
Right: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

In: 0.011 $\pm$ 0.022 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.646 $\pm$ 0.015 χ^2 /NDF: 2266348.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.667 $\pm$ 0.016 χ^2 /NDF: 2211822.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

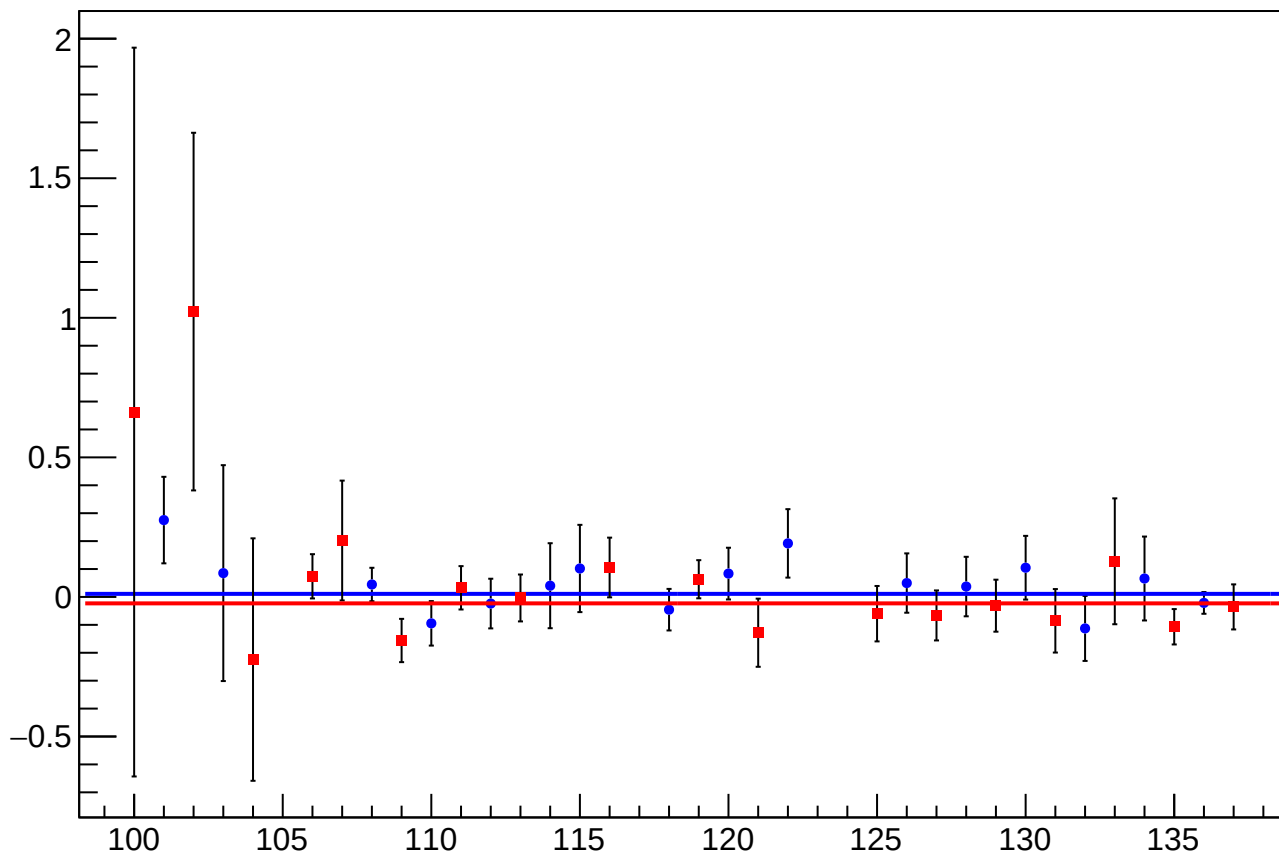
Right: 51.601 $\pm$ 0.011 χ^2 /NDF: 4486238.7/33

In: 50.646 $\pm$ 0.015 χ^2 /NDF:2266348.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.601 $\pm$ 0.011 χ^2 /NDF: 4486238.7/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011 $\pm$ 0.022 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.023 χ^2 /NDF: 15.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

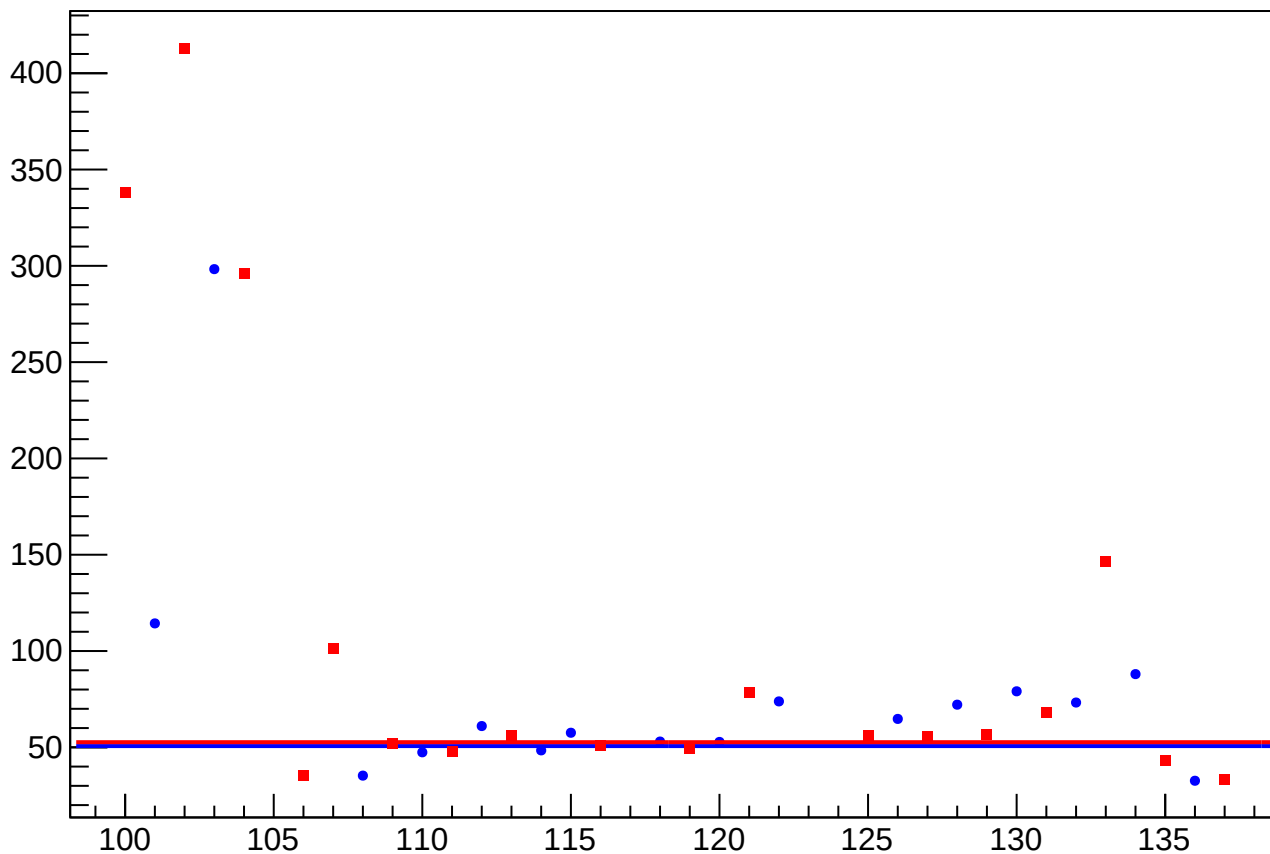
Right: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

In: 0.011 $\pm$ 0.022 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.005 $\pm$ 0.016 χ^2 /NDF: 28.8/33

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 50.646+/-0.015 χ^2/NDF : 2266348.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.667+/-0.016 χ^2/NDF : 2211822.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

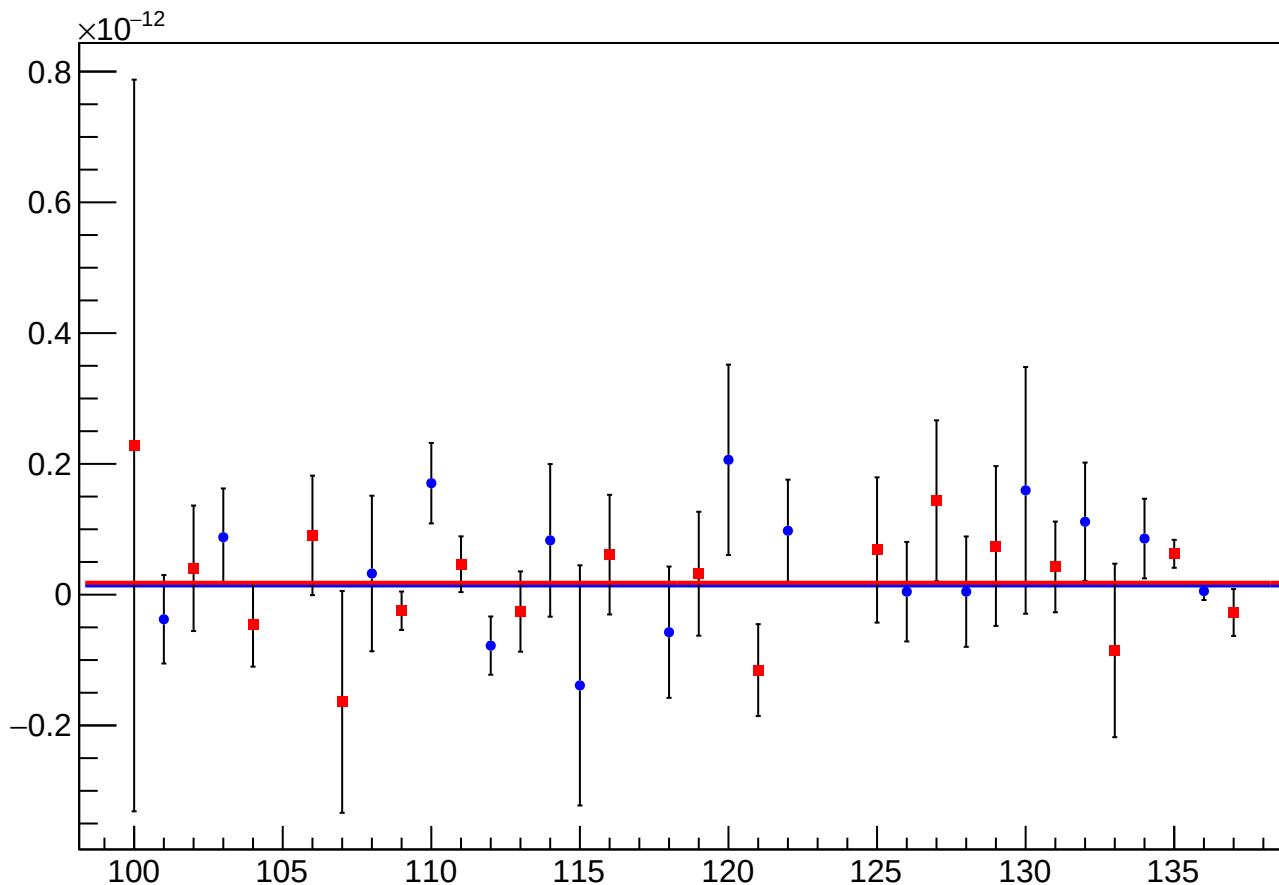
Right: 51.601+/-0.011 χ^2/NDF : 4486238.7/33

In: 50.646+/-0.015 χ^2/NDF : 2266348.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.601+/-0.011 χ^2/NDF : 4486238.7/33

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

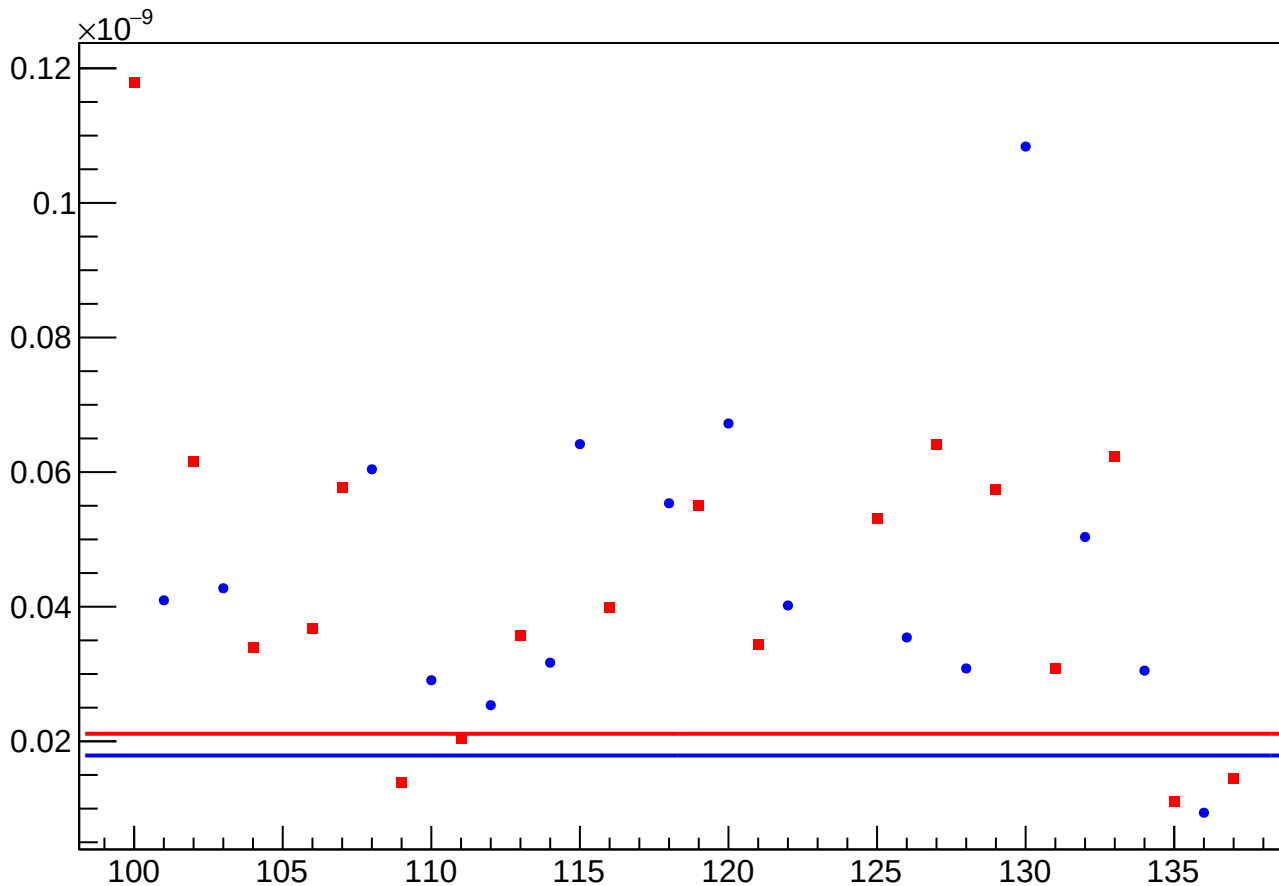
Right: 0.000+/-0.000 χ^2/NDF : 38.4/33

In: 0.000+/-0.000 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.4/33

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3398524.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2621588.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

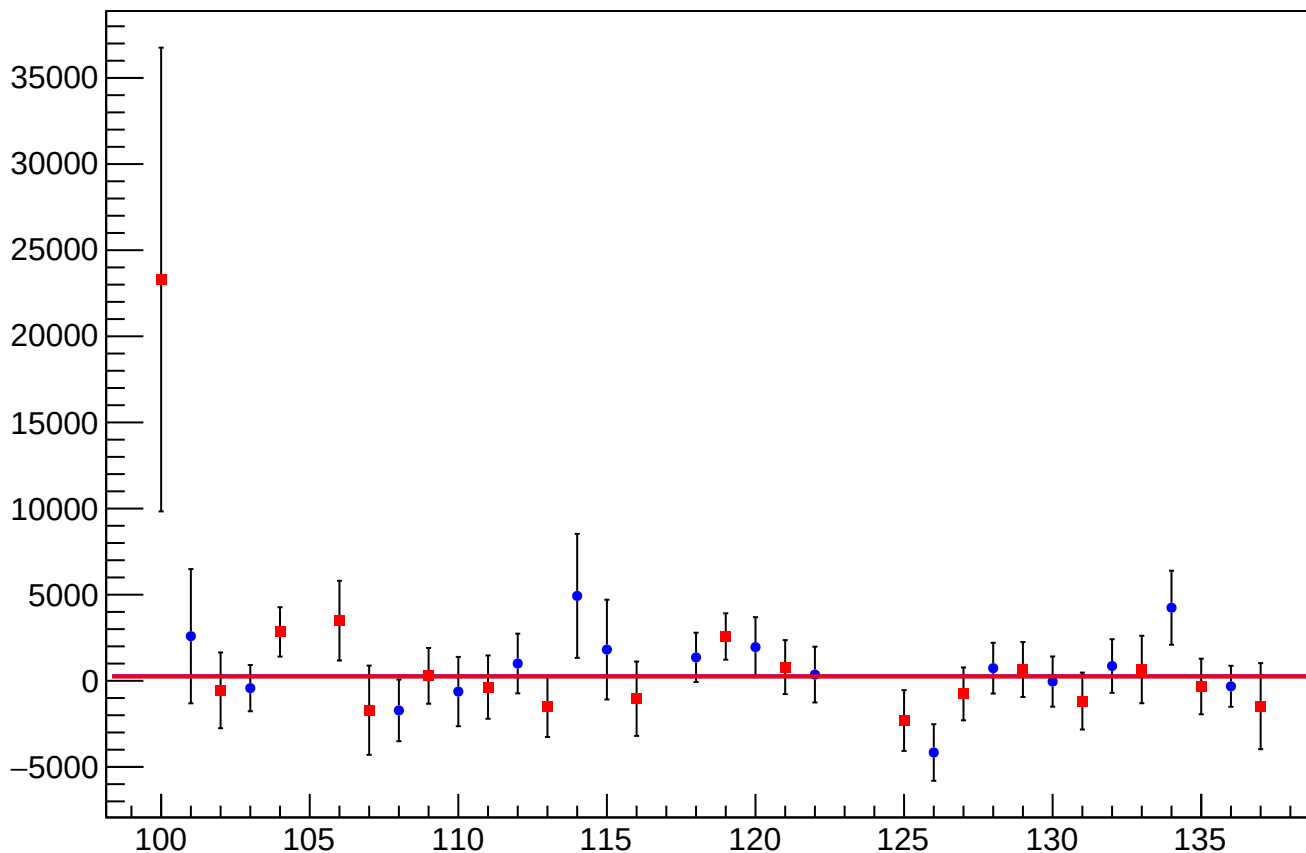
Right: 0.000+/-0.000 χ^2/NDF : 6093228.6/33

In: 0.000+/-0.000 χ^2/NDF : 3398524.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6093228.6/33

reg_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 260.797 $\pm$ 424.657 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 255.934 $\pm$ 425.784 χ^2 /NDF: 17.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

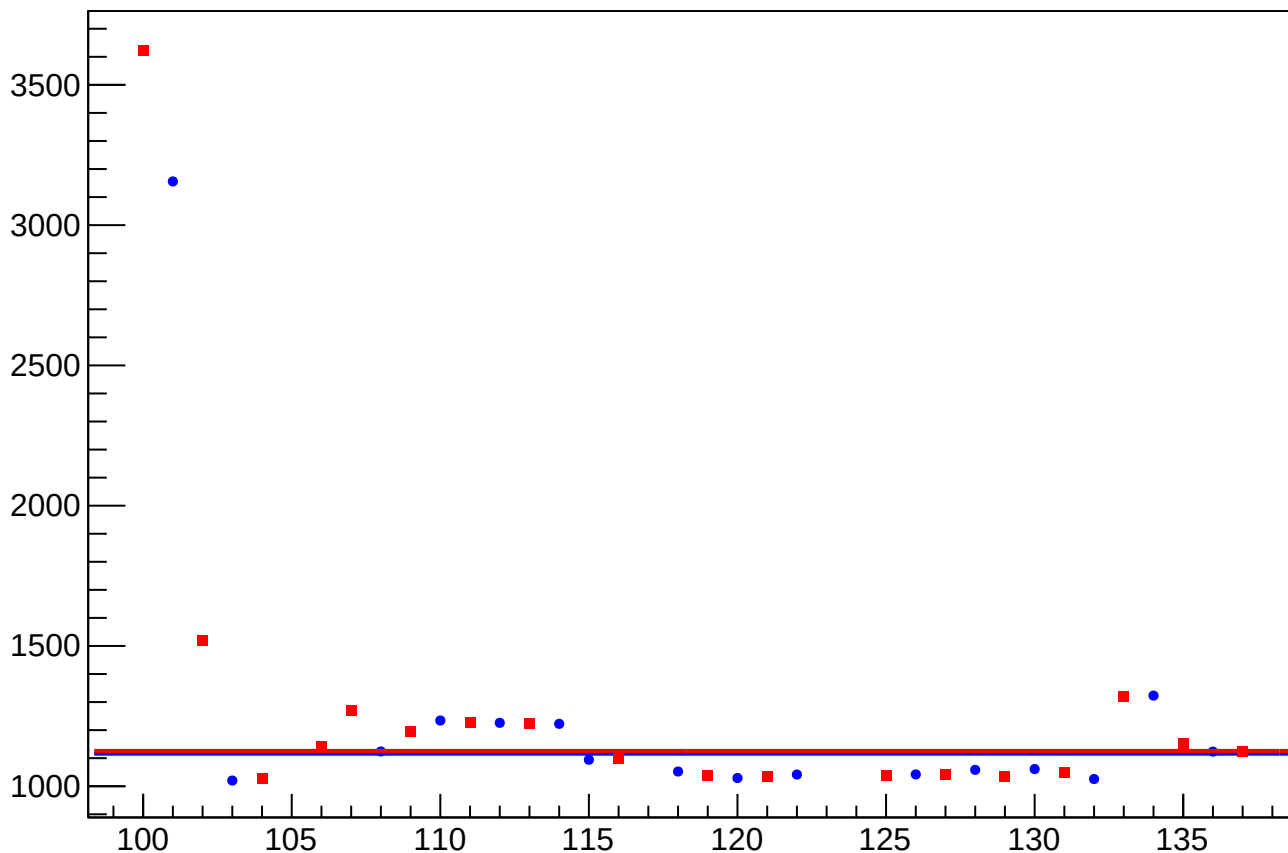
Right: 258.372 $\pm$ 300.676 χ^2 /NDF: 34.3/33

In: 260.797 $\pm$ 424.657 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 258.372 $\pm$ 300.676 χ^2 /NDF: 34.3/33

reg_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1116.089+/-0.300 χ^2/NDF : 623390.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.016+/-0.301 χ^2/NDF : 222106.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

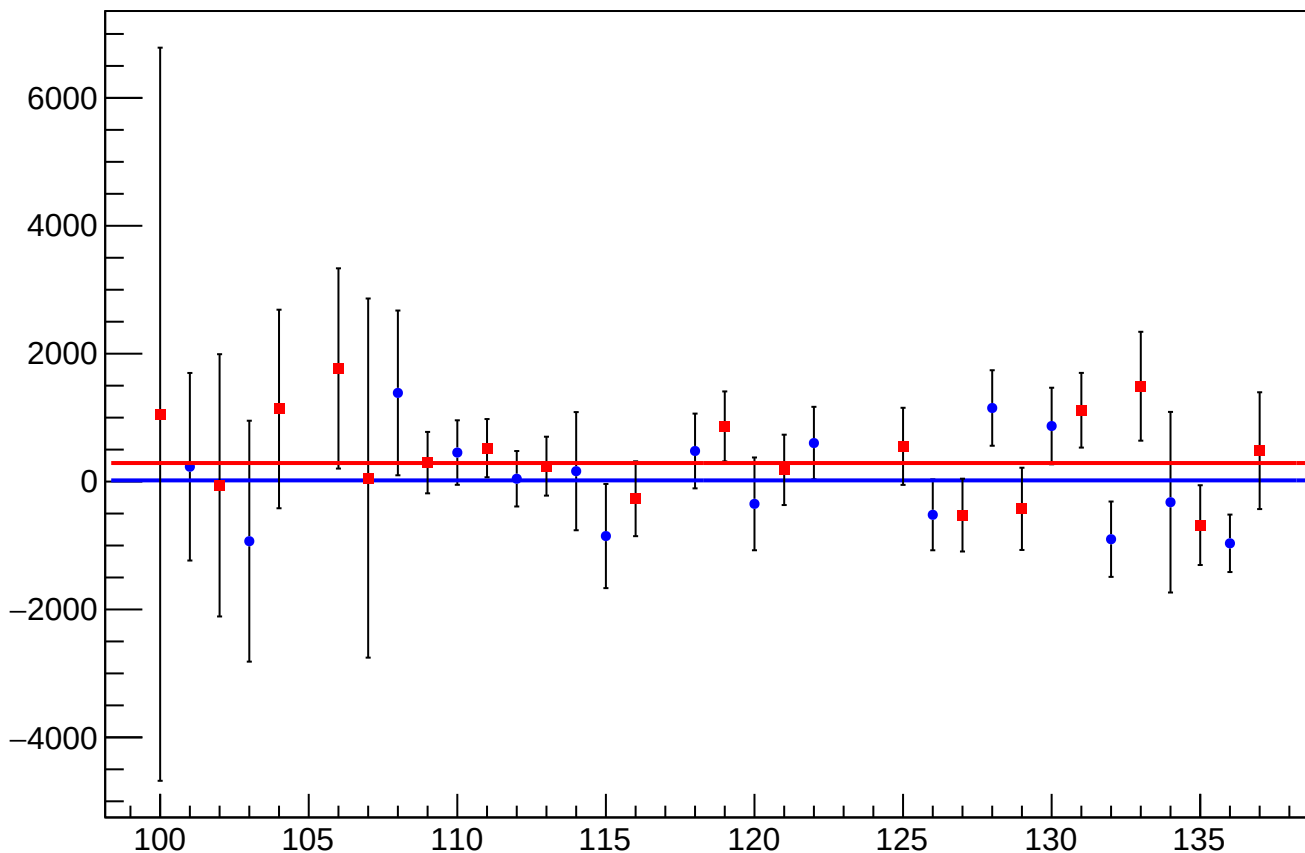
Right: 1121.039+/-0.213 χ^2/NDF : 846041.8/33

In: 1116.089+/-0.300 χ^2/NDF : 623390.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.039+/-0.213 χ^2/NDF : 846041.8/33

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 18.468+/-161.237 χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 289.946+/-156.189 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

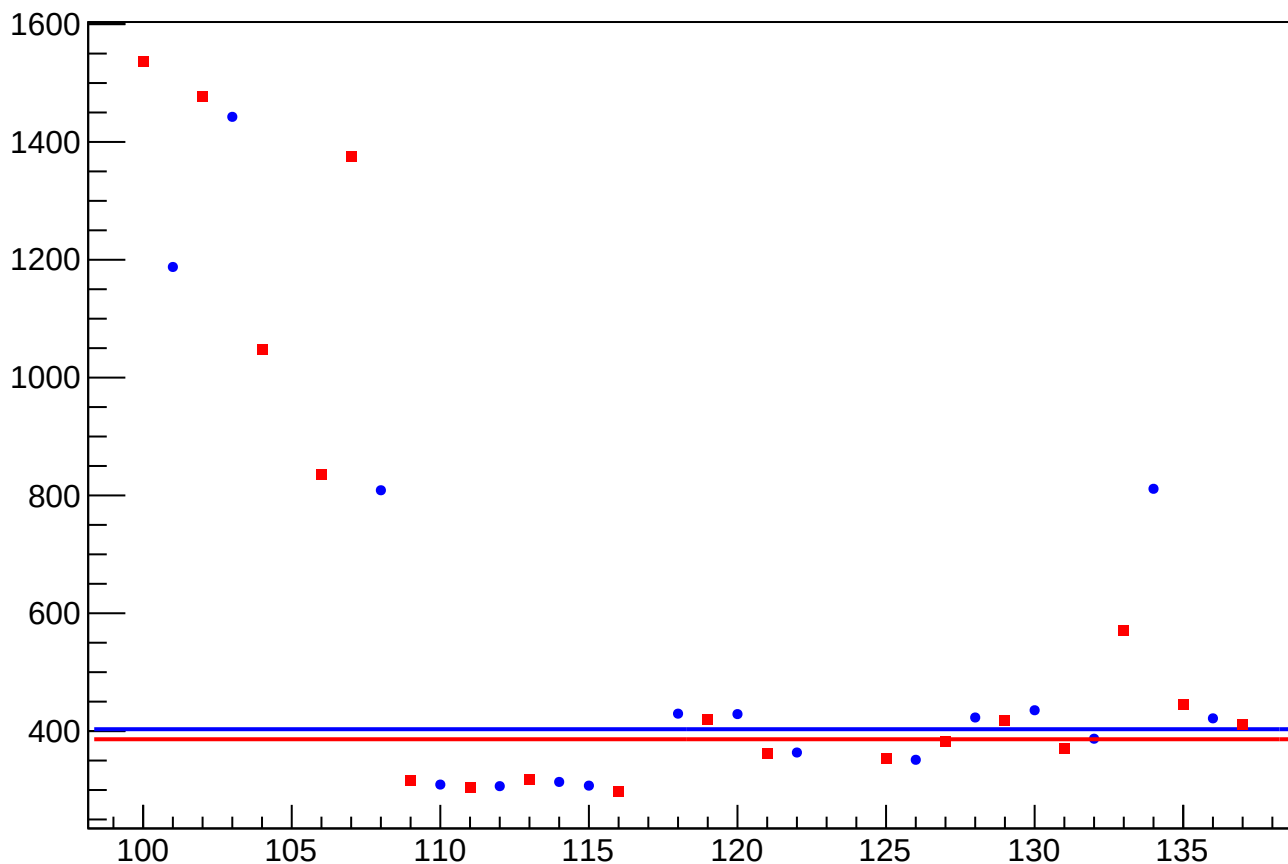
Right: 158.523+/-112.184 χ^2/NDF : 34.1/33

In: 18.468+/-161.237 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.523+/-112.184 χ^2/NDF : 34.1/33

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 403.194+/-0.114 χ^2/NDF : 1808432.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 386.146+/-0.110 χ^2/NDF : 1759113.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

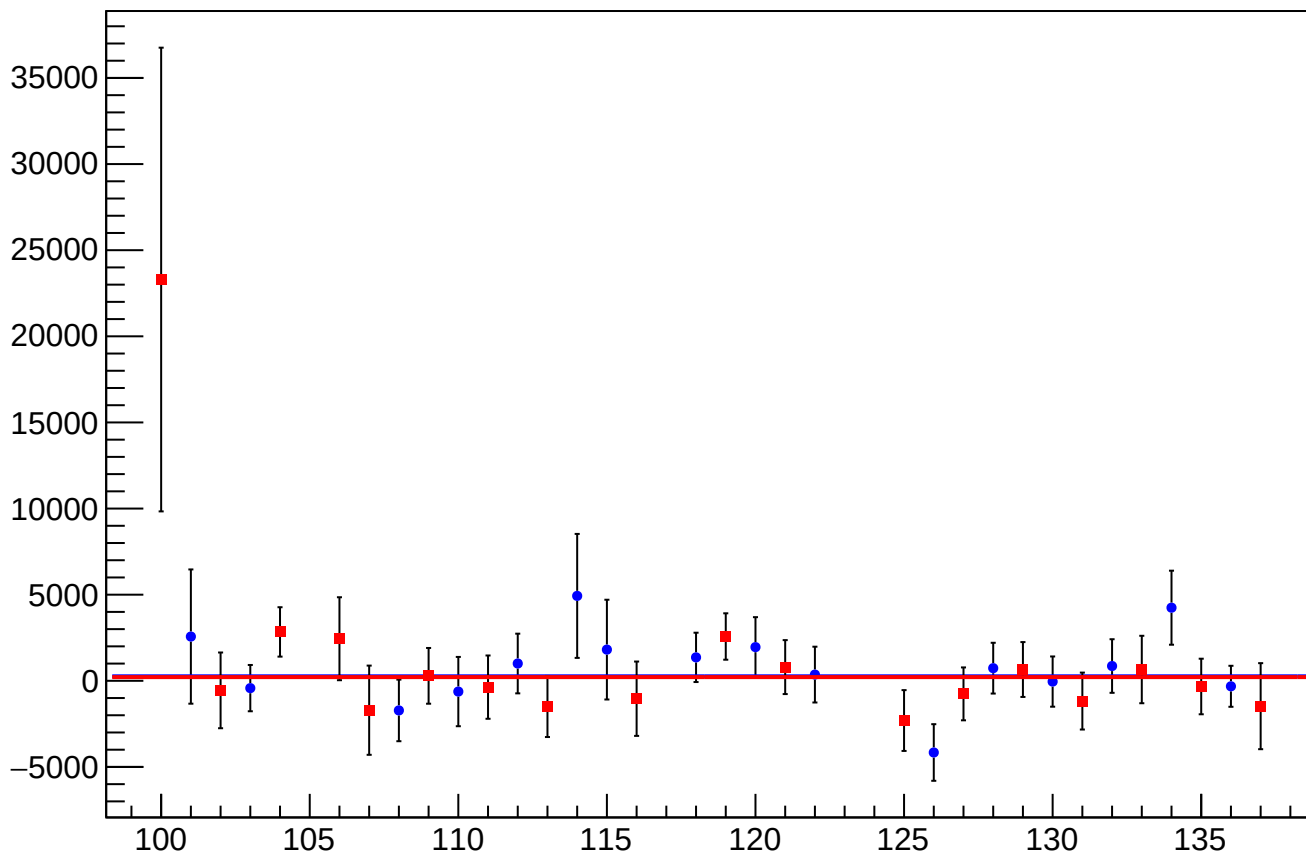
Right: 394.399+/-0.079 χ^2/NDF : 3579081.1/33

In: 403.194+/-0.114 χ^2/NDF :1808432.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.399+/-0.079 χ^2/NDF : 3579081.1/33

cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.501+/-426.342 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

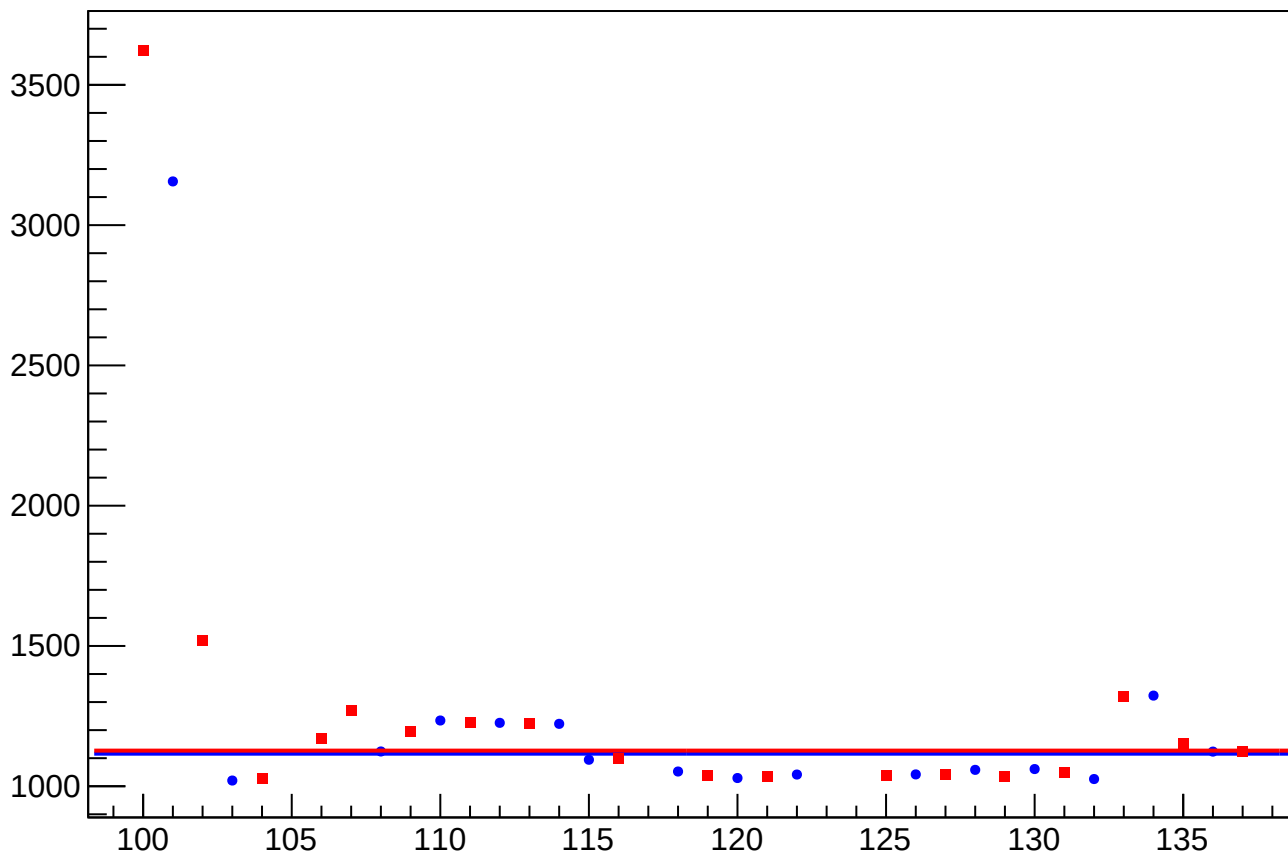
Right: 237.549+/-300.872 χ^2/NDF : 33.2/33

In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.549+/-300.872 χ^2/NDF : 33.2/33

cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.960+/-0.301 χ^2/NDF : 222740.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

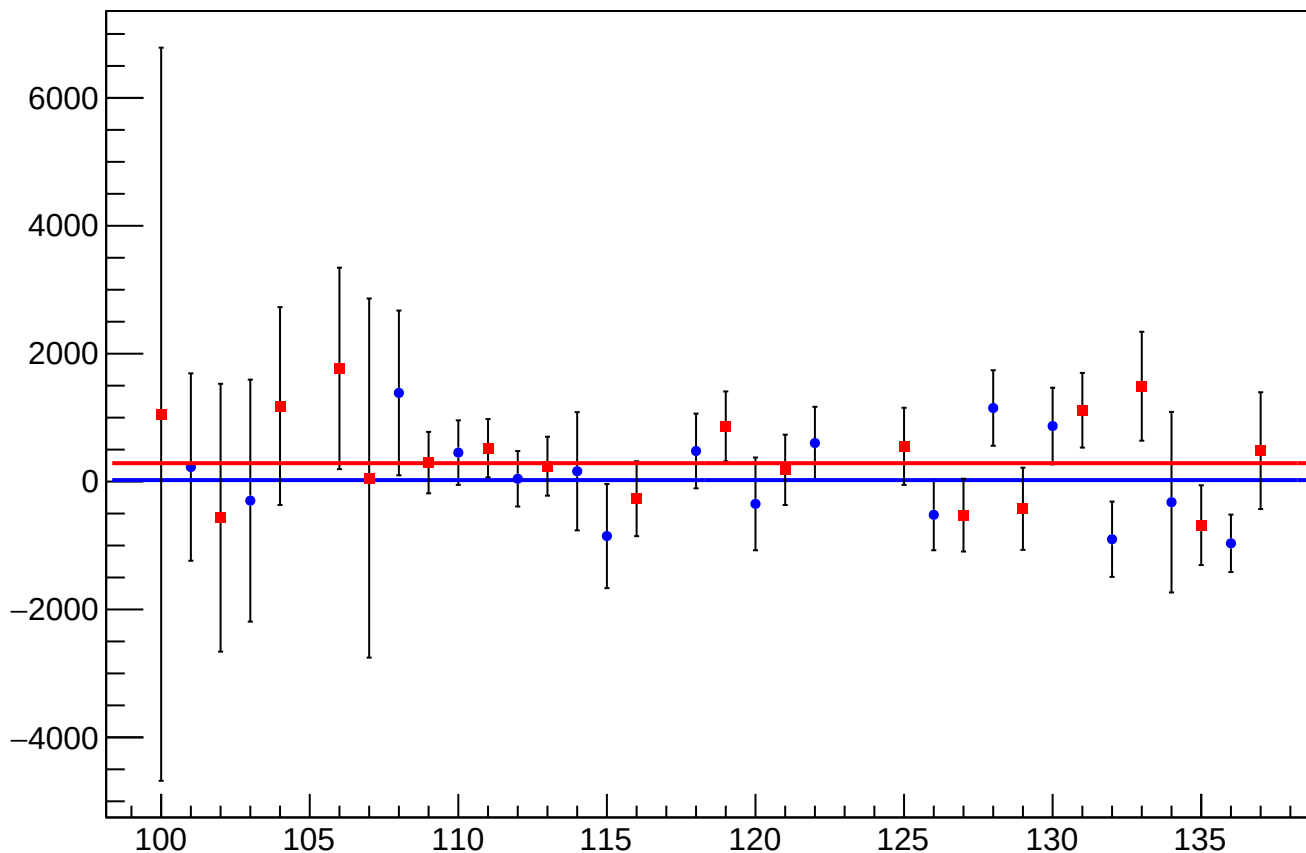
Right: 1121.503+/-0.213 χ^2/NDF : 846784.8/33

In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.503+/-0.213 χ^2/NDF : 846784.8/33

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.614+/-156.212 χ^2/NDF : 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

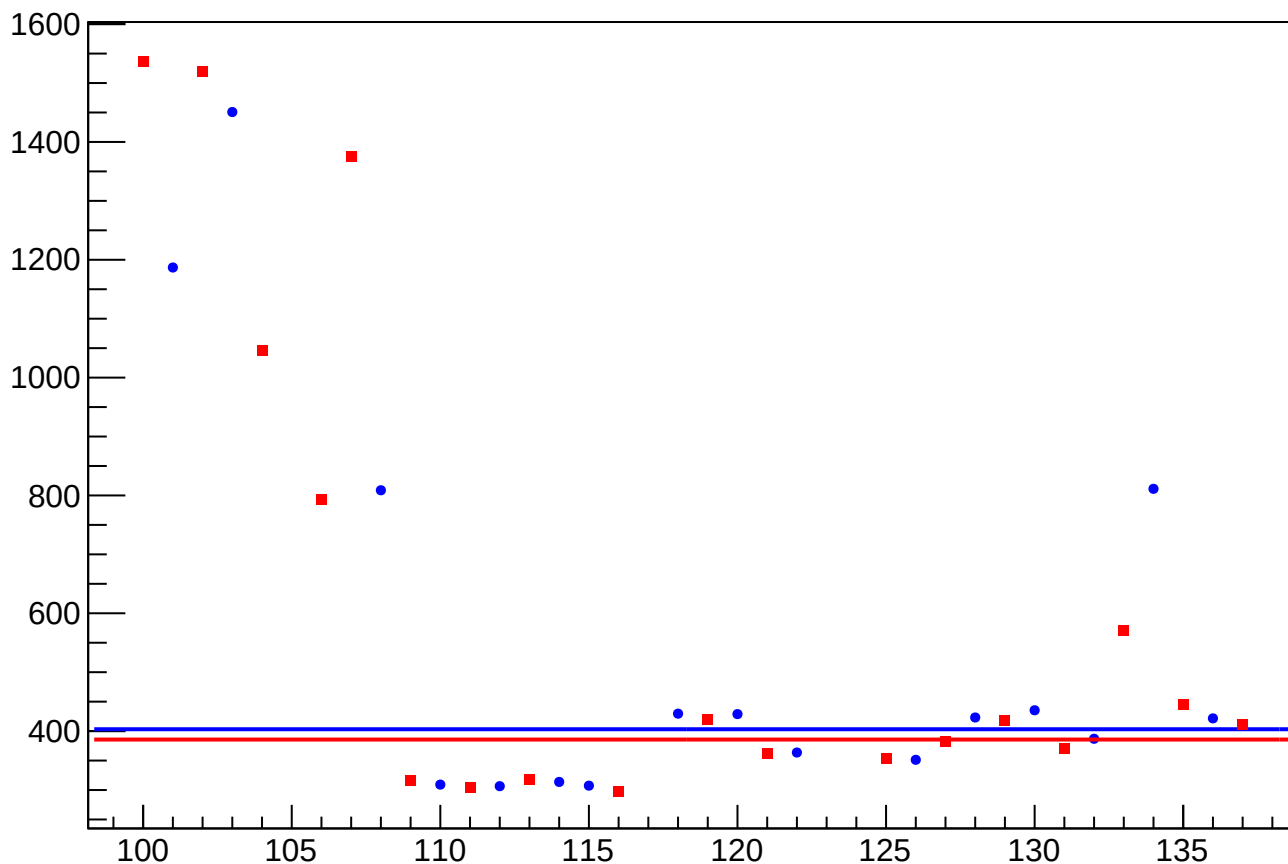
Right: 159.458+/-112.193 χ^2/NDF : 34.0/33

In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.458+/-112.193 χ^2/NDF : 34.0/33

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 403.182+/-0.114 χ^2/NDF : 1812111.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 385.682+/-0.110 χ^2/NDF : 1747152.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

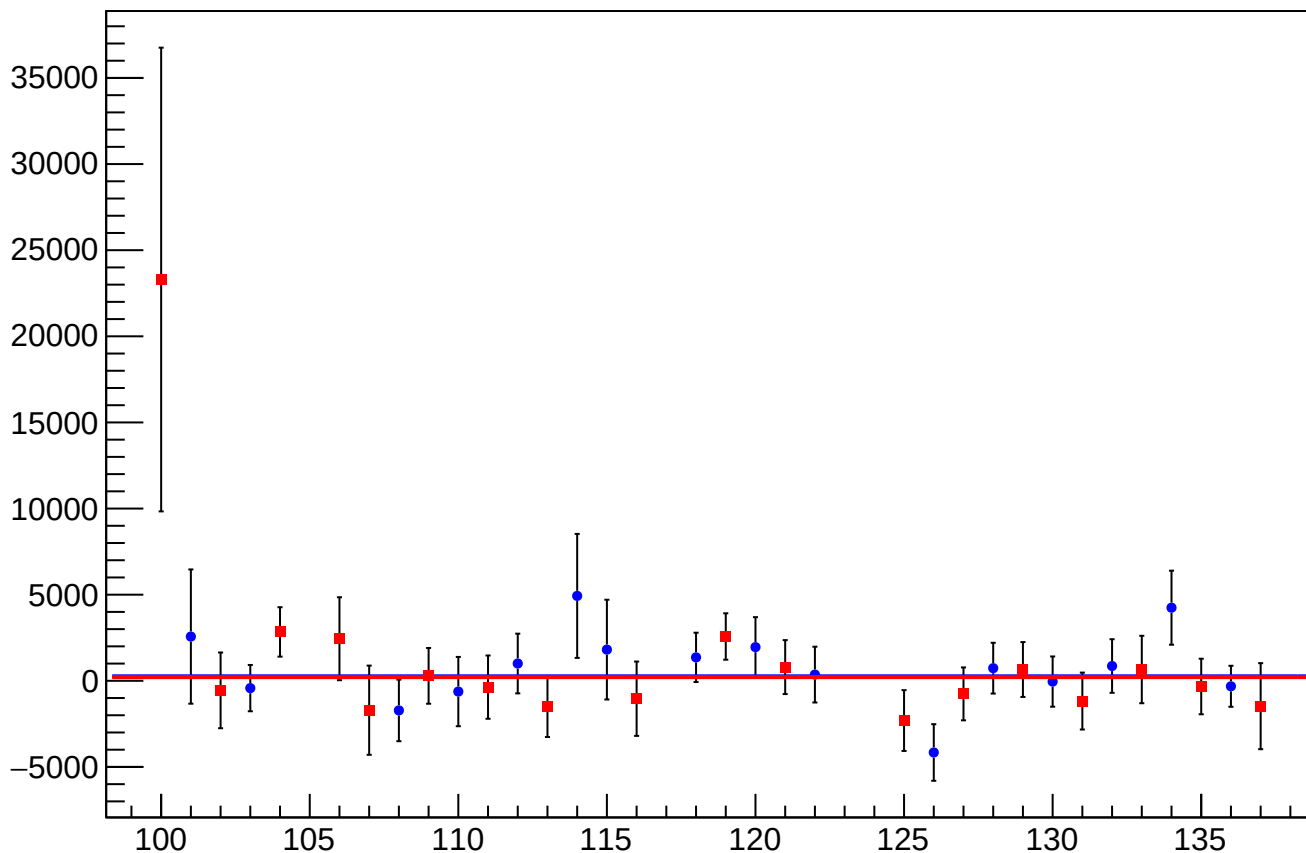
Right: 394.155+/-0.079 χ^2/NDF : 3571416.8/33

In: 403.182+/-0.114 χ^2/NDF :1812111.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 394.155+/-0.079 χ^2/NDF : 3571416.8/33

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.501+/-426.342 χ^2/NDF : 16.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

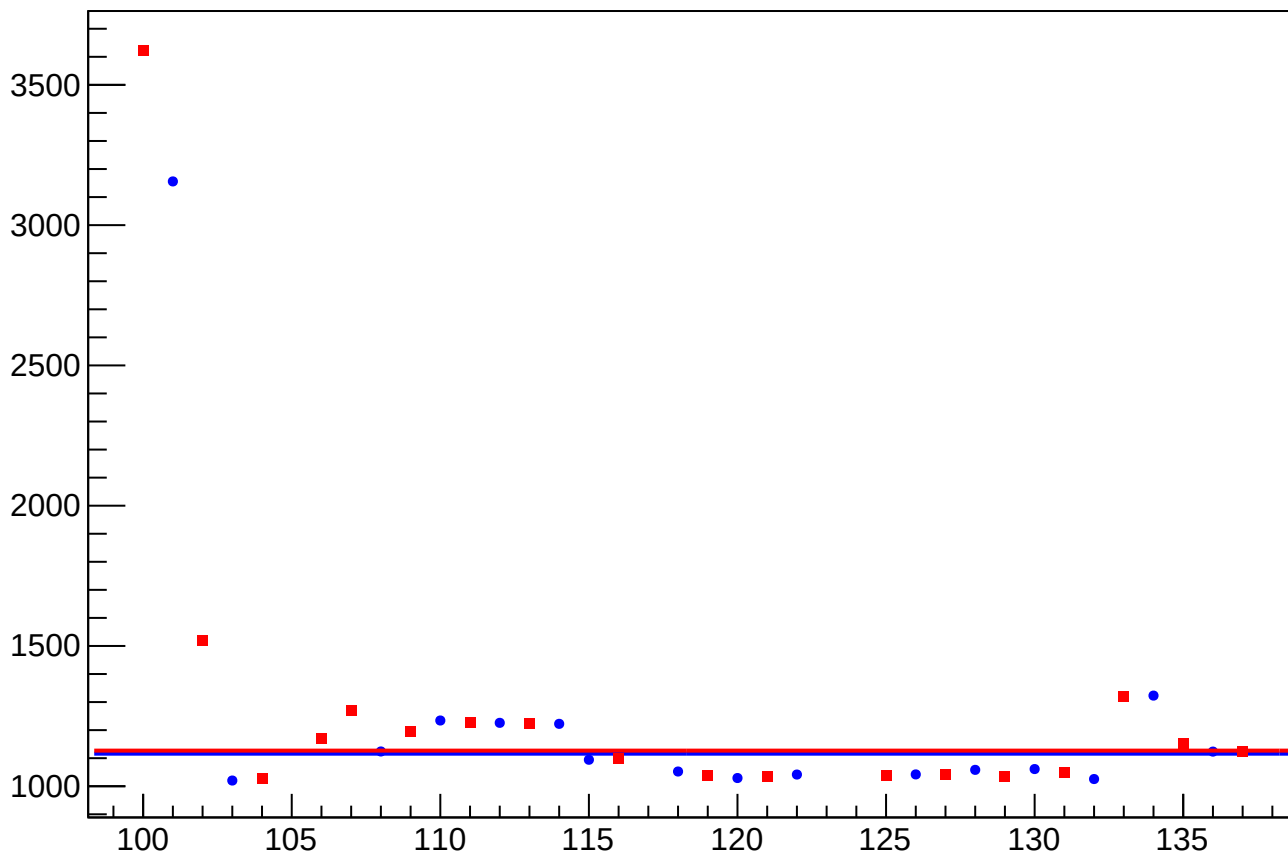
Right: 237.549+/-300.872 χ^2/NDF : 33.2/33

In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.549+/-300.872 χ^2/NDF : 33.2/33

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1126.960+/-0.301 χ^2/NDF : 222740.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

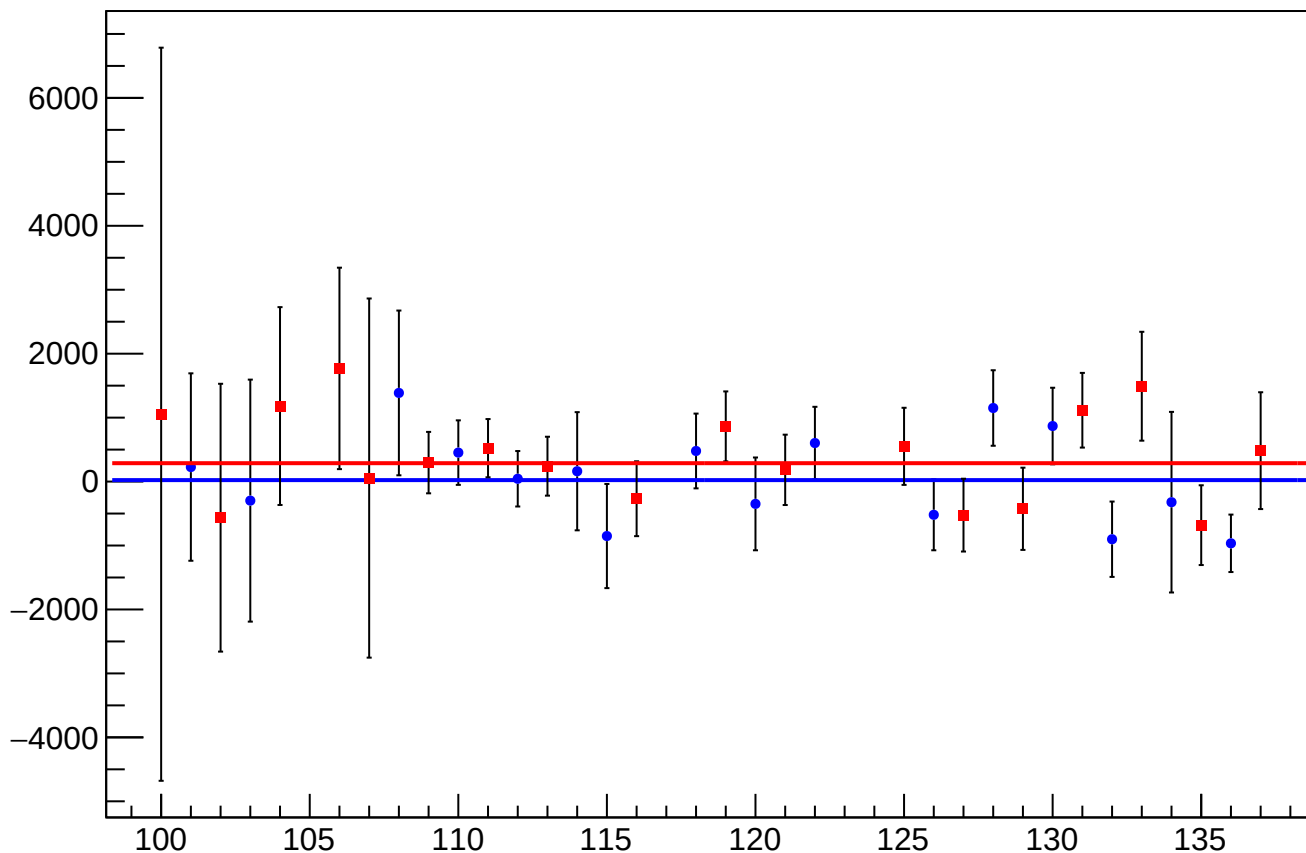
Right: 1121.503+/-0.213 χ^2/NDF : 846784.8/33

In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.503+/-0.213 χ^2/NDF : 846784.8/33

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.614+/-156.212 χ^2/NDF : 13.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

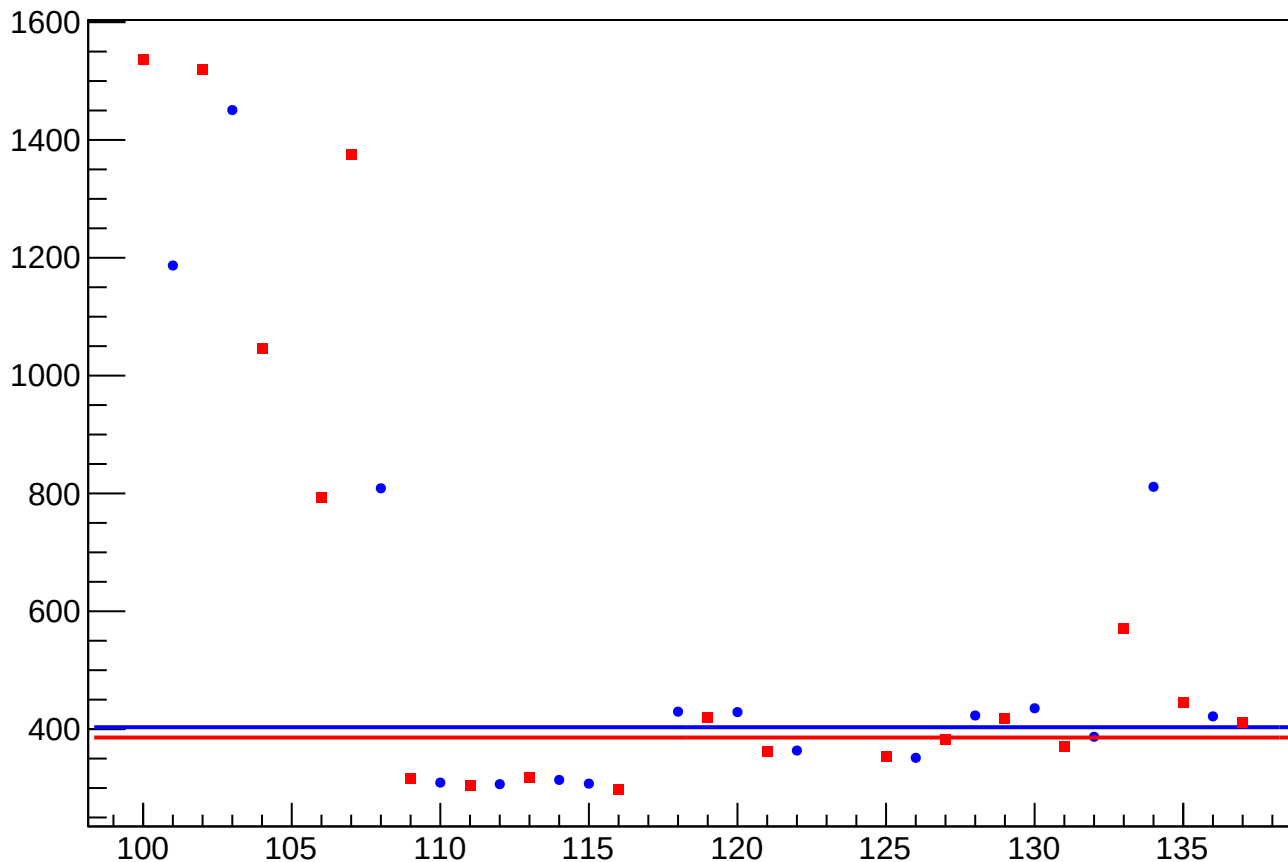
Right: 159.458+/-112.193 χ^2/NDF : 34.0/33

In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.458+/-112.193 χ^2/NDF : 34.0/33

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 403.182+/-0.114 χ^2/NDF : 1812111.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 385.682+/-0.110 χ^2/NDF : 1747152.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

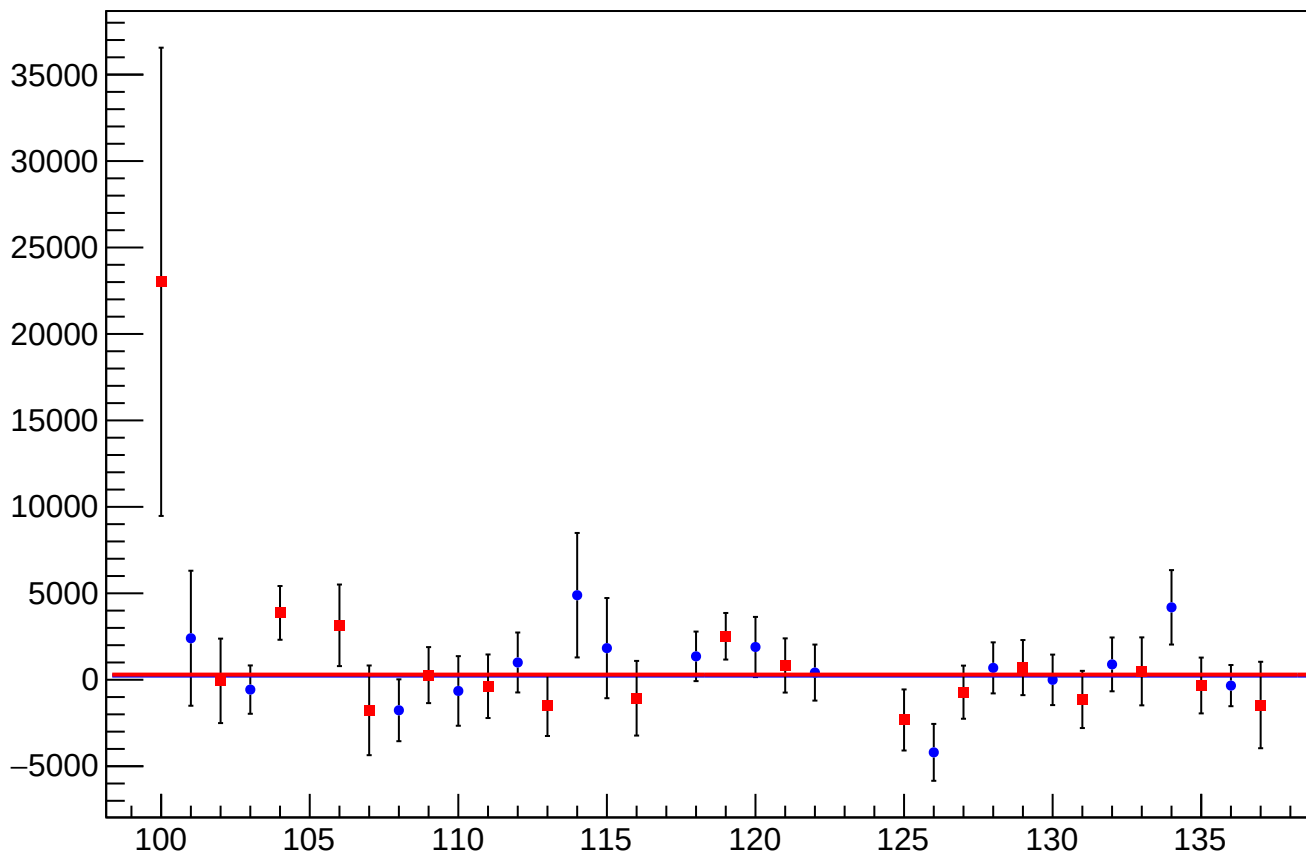
Right: 394.155+/-0.079 χ^2/NDF : 3571416.8/33

In: 403.182+/-0.114 χ^2/NDF : 1812111.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.155+/-0.079 χ^2/NDF : 3571416.8/33

dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 240.827+/-426.592 χ^2/NDF : 17.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.921+/-430.767 χ^2/NDF : 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

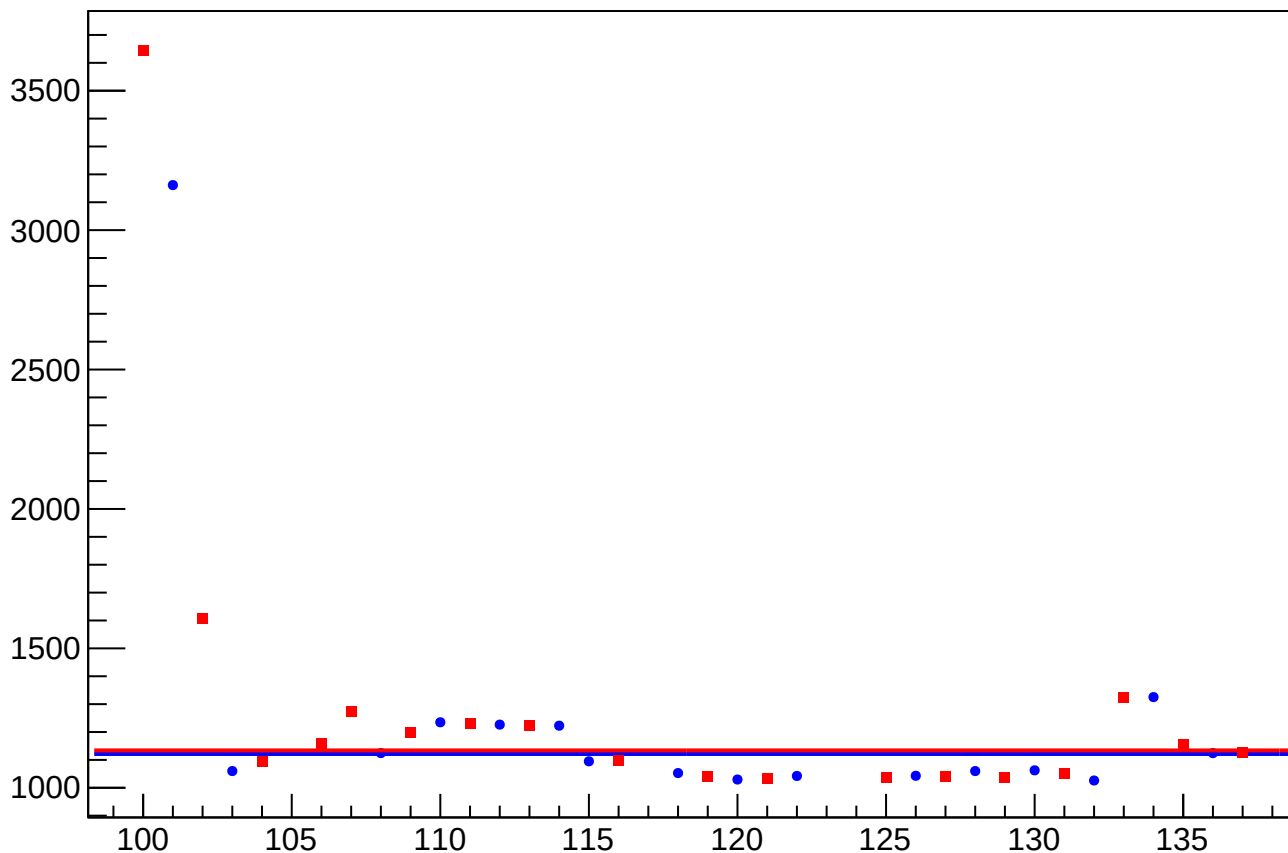
Right: 269.591+/-303.111 χ^2/NDF : 35.6/33

In: 240.827+/-426.592 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.591+/-303.111 χ^2/NDF : 35.6/33

dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.929+/-0.305 χ^2/NDF : 227457.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

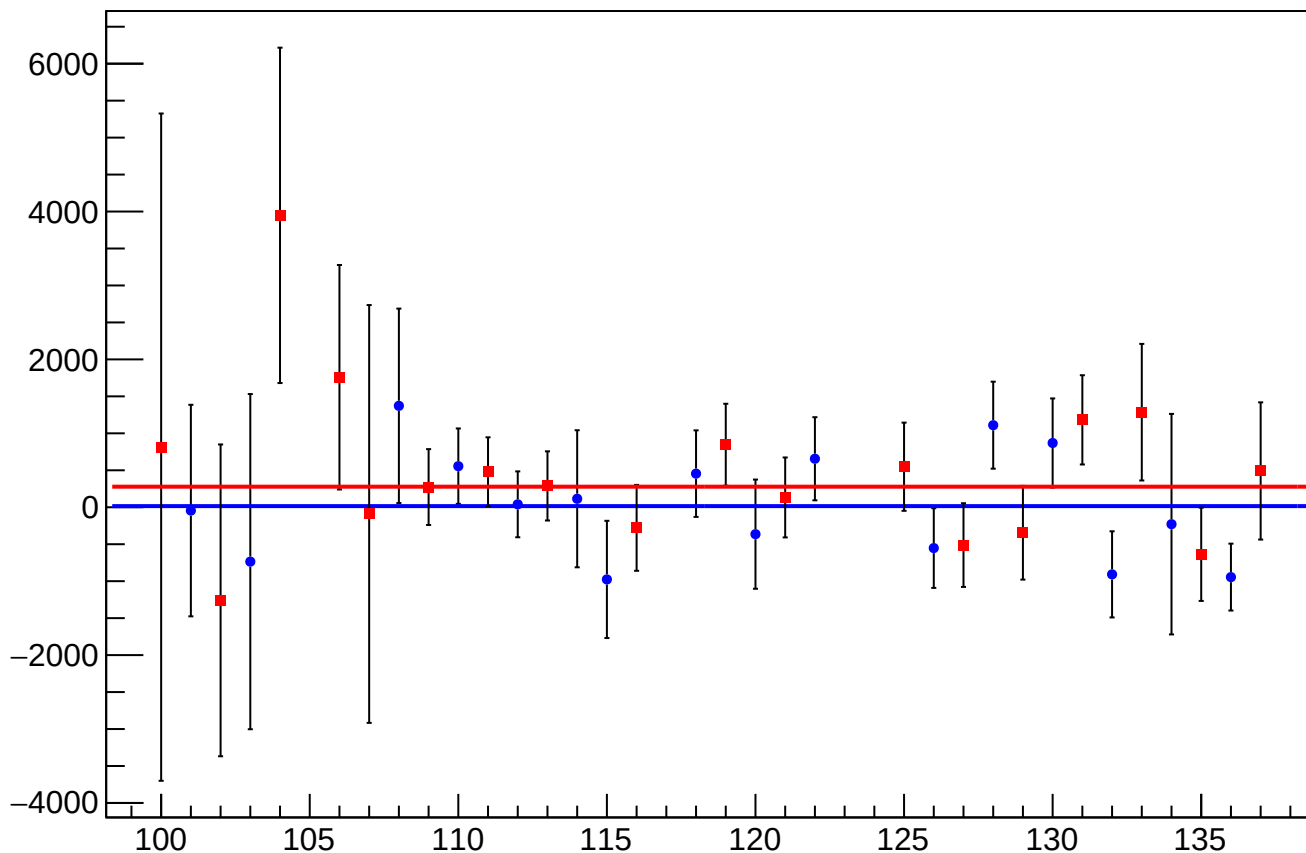
Right: 1127.550+/-0.214 χ^2/NDF : 845354.2/33

In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.550+/-0.214 χ^2/NDF : 845354.2/33

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 15.291+/-161.845 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.251+/-158.828 χ^2/NDF : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

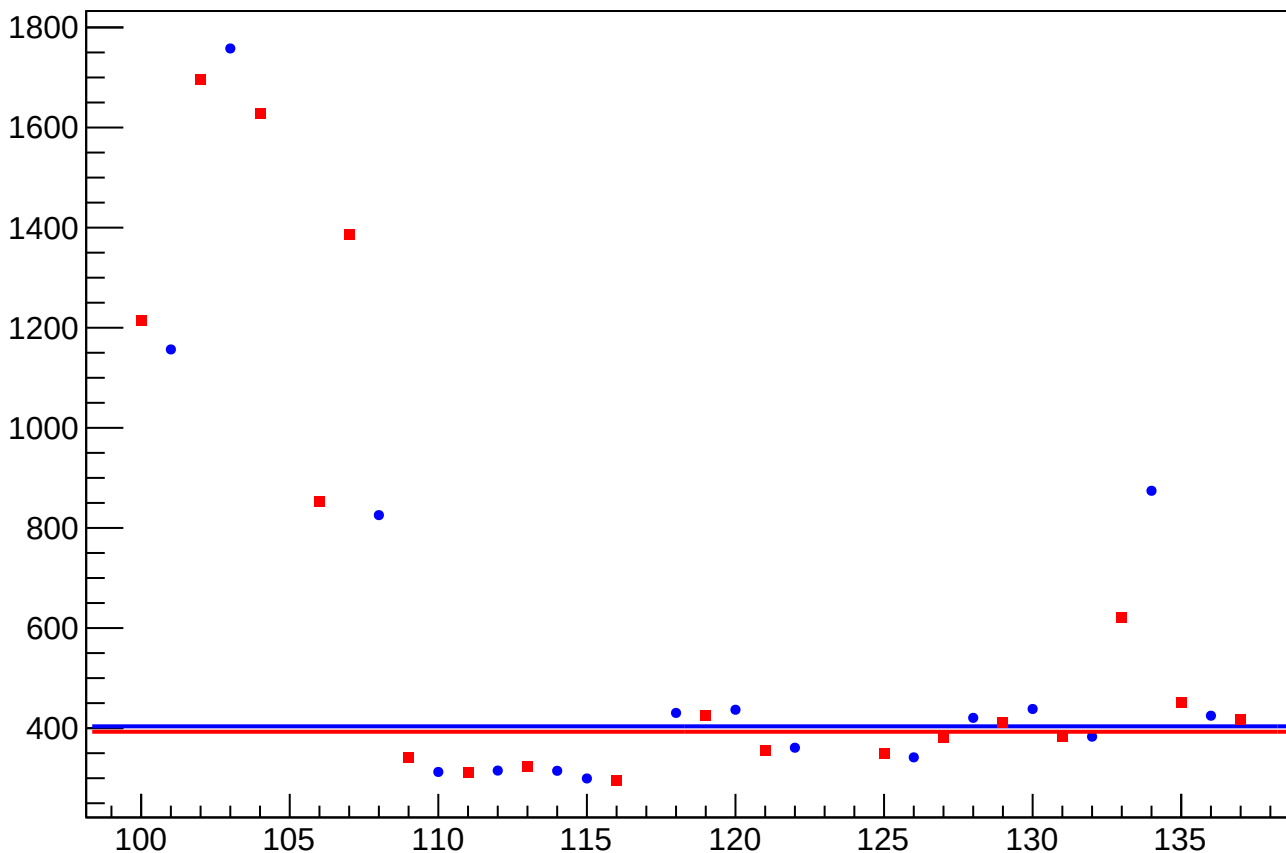
Right: 149.246+/-113.360 χ^2/NDF : 36.0/33

In: 15.291+/-161.845 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.246+/-113.360 χ^2/NDF : 36.0/33

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 403.656+/-0.114 χ^2/NDF : 1929597.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 392.820+/-0.112 χ^2/NDF : 2203456.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

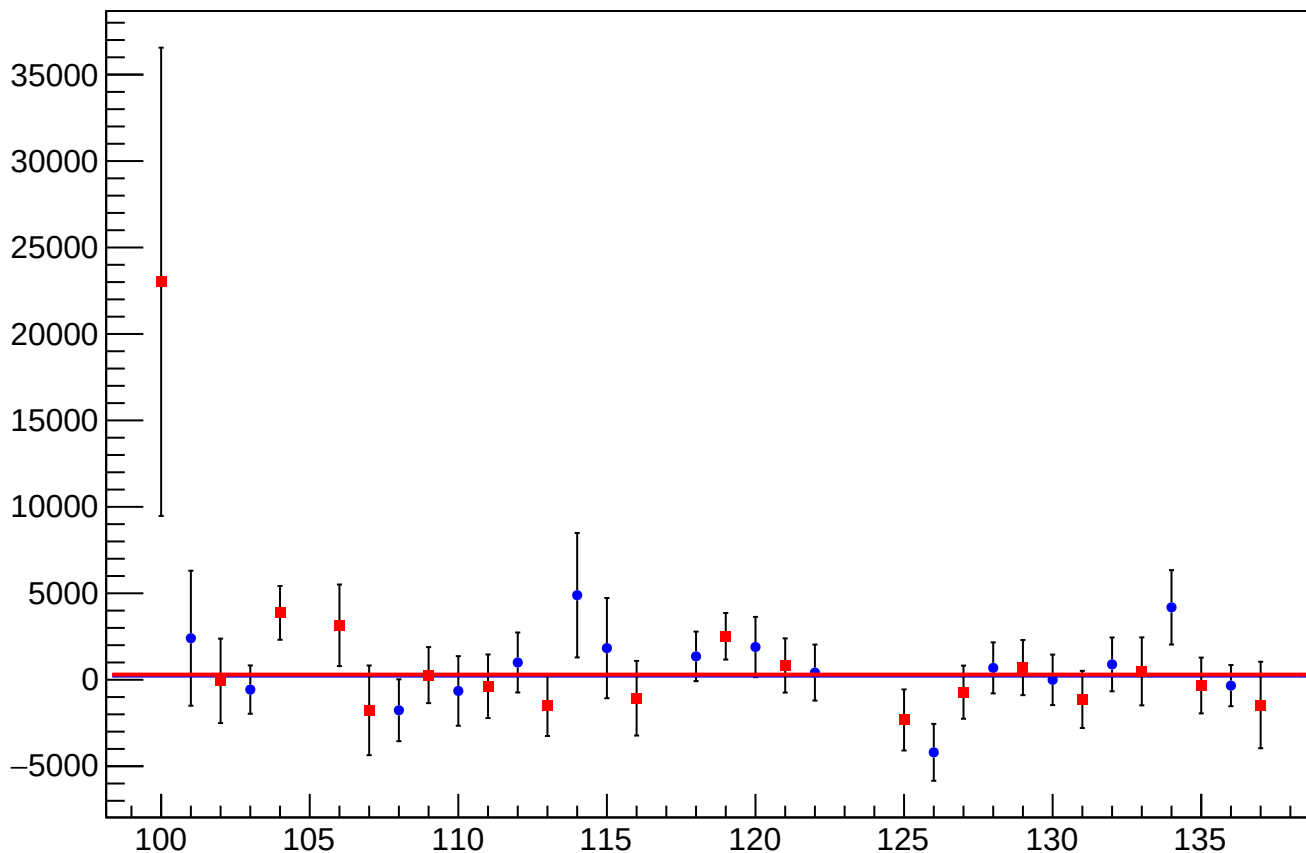
Right: 398.136+/-0.080 χ^2/NDF : 4137620.1/33

In: 403.656+/-0.114 χ^2/NDF : 1929597.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 398.136+/-0.080 χ^2/NDF : 4137620.1/33

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 240.829+/-426.592 χ^2/NDF : 17.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 298.922+/-430.767 χ^2/NDF : 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

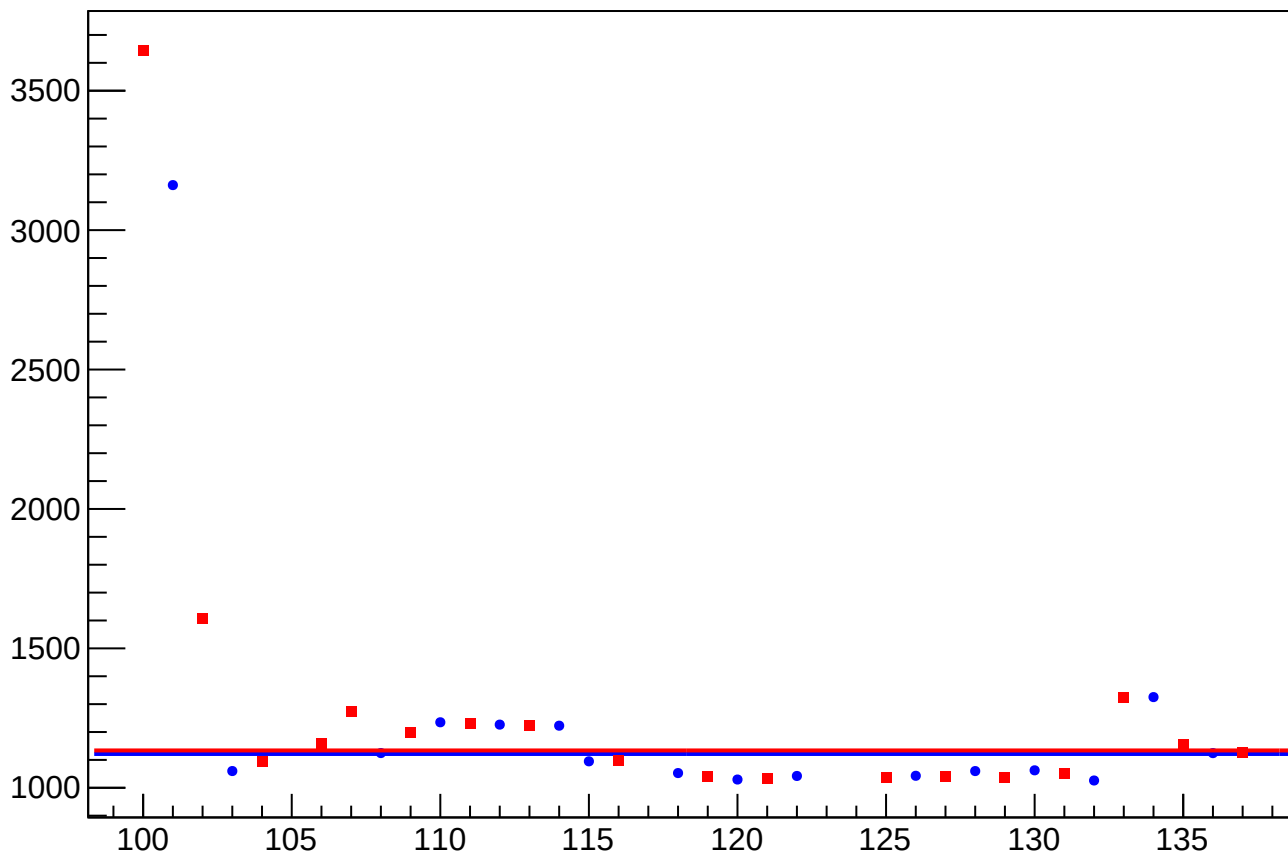
Right: 269.593+/-303.111 χ^2/NDF : 35.6/33

In: 240.829+/-426.592 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 269.593+/-303.111 χ^2/NDF : 35.6/33

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1133.929+/-0.305 χ^2/NDF : 227457.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

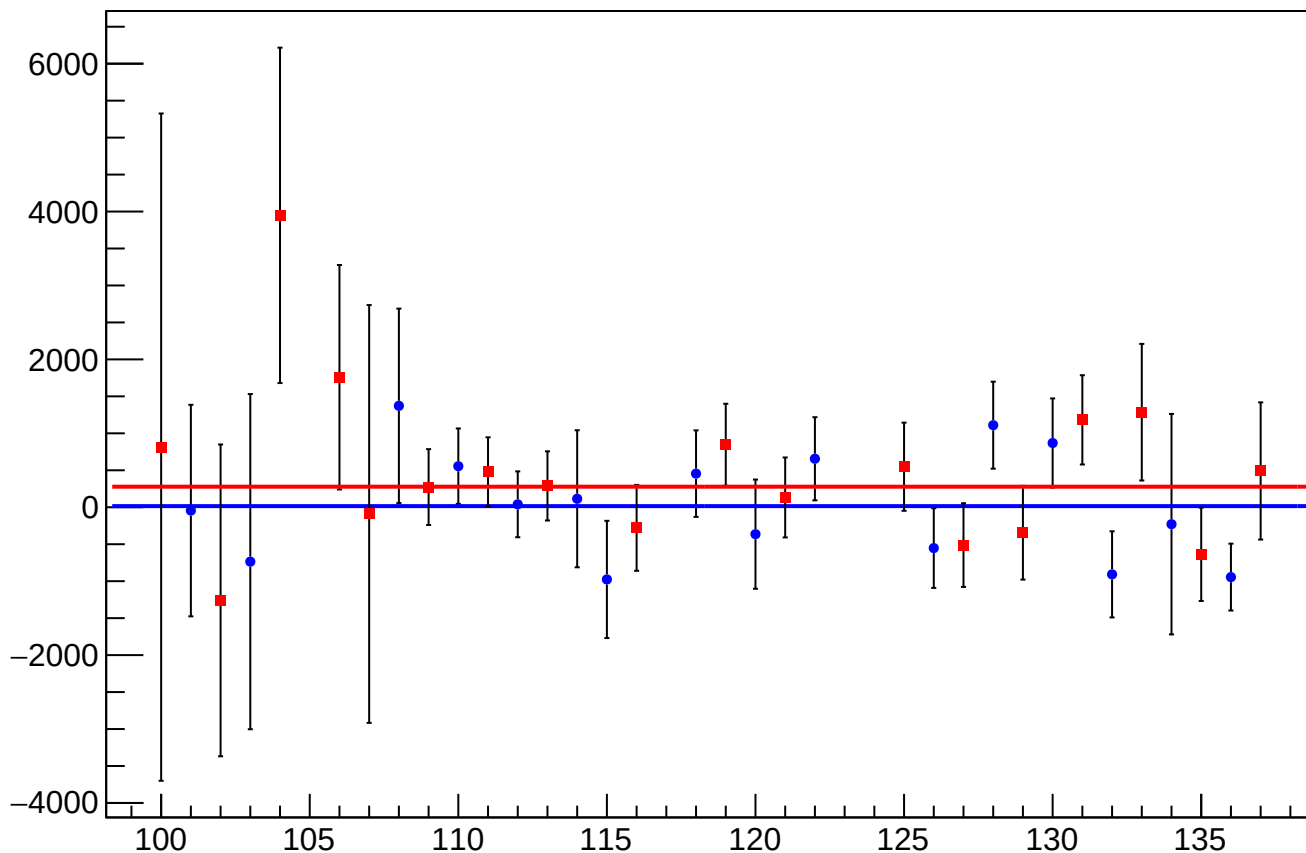
Right: 1127.550+/-0.214 χ^2/NDF : 845354.2/33

In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.550+/-0.214 χ^2/NDF : 845354.2/33

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 15.288+/-161.844 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 278.249+/-158.826 χ^2/NDF : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

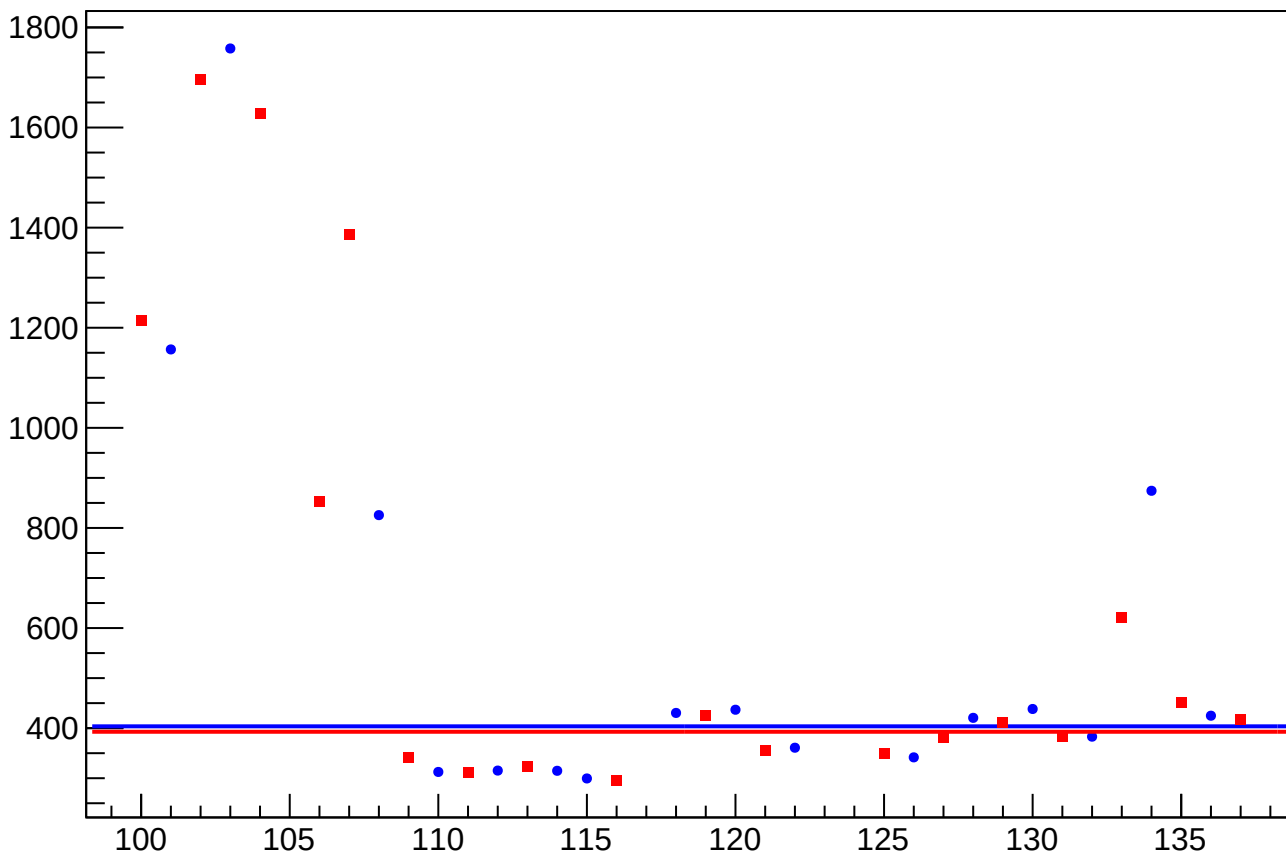
Right: 149.243+/-113.359 χ^2/NDF : 36.0/33

In: 15.288+/-161.844 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.243+/-113.359 χ^2/NDF : 36.0/33

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 403.653+/-0.114 χ^2/NDF : 1929594.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 392.817+/-0.112 χ^2/NDF : 2203462.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

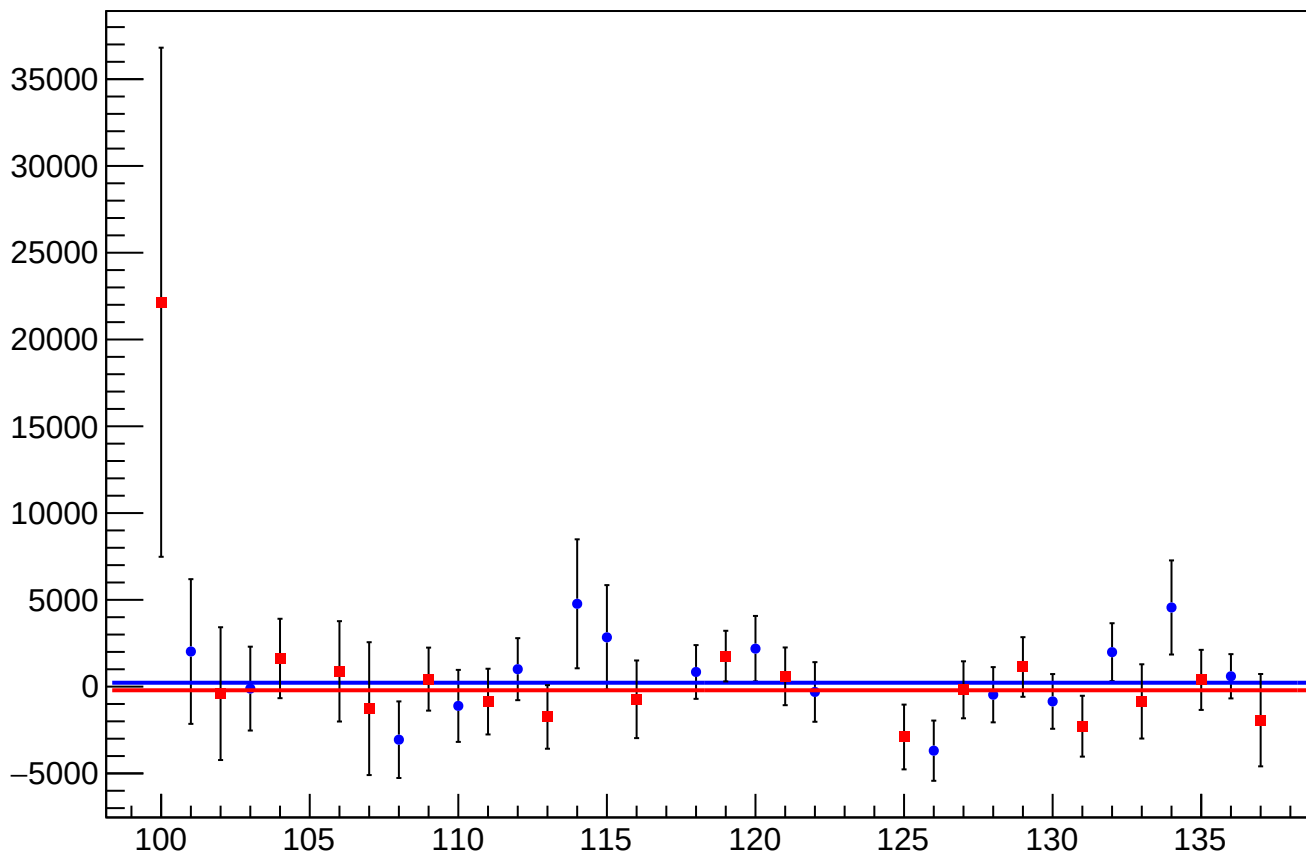
Right: 398.133+/-0.080 χ^2/NDF : 4137623.7/33

In: 403.653+/-0.114 χ^2/NDF :1929594.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 398.133+/-0.080 χ^2/NDF : 4137623.7/33

asym_us_dd_atlr_dd_dd_mean vs Slug, Sign Corrected



Right In: 224.817 $\pm$ 474.559 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -209.751 $\pm$ 477.820 χ^2 /NDF: 11.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

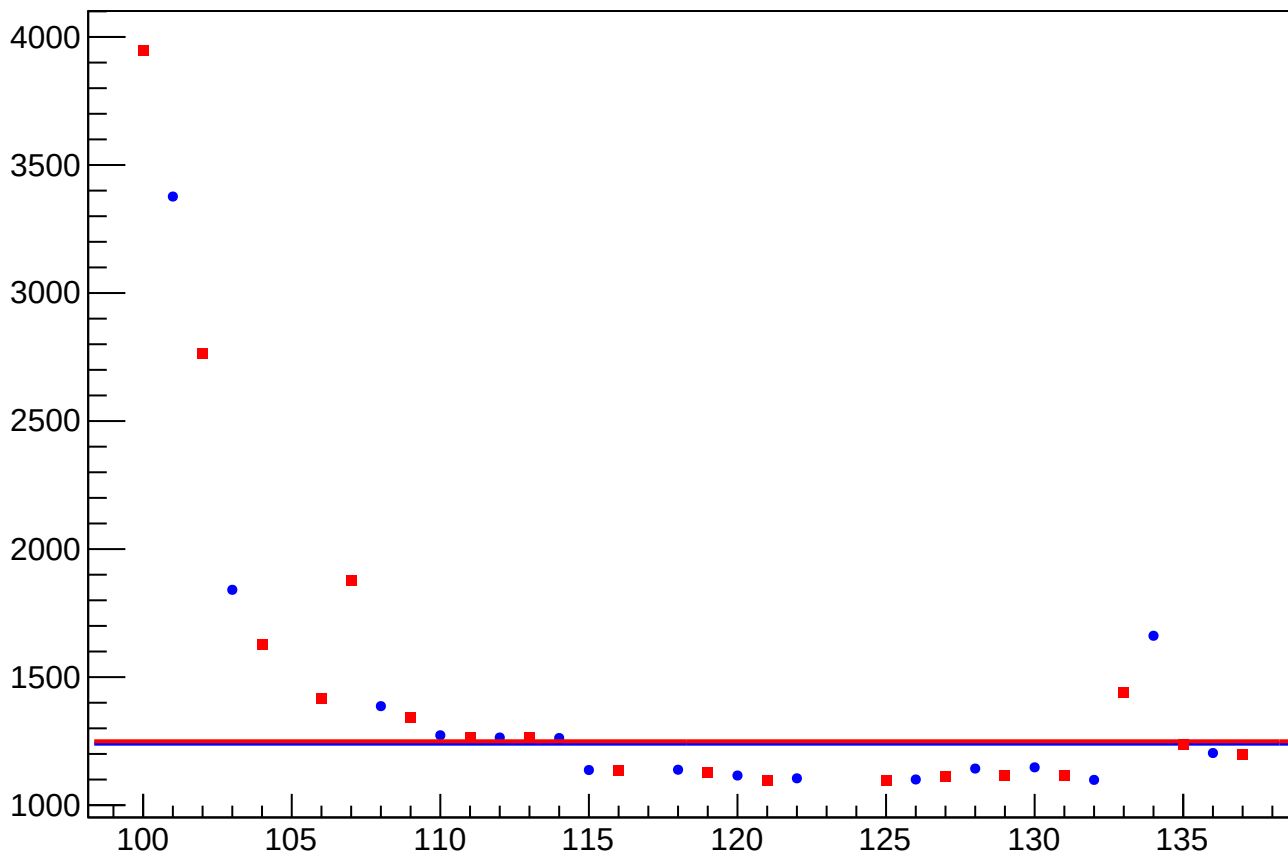
Right: 9.021 $\pm$ 336.711 χ^2 /NDF: 27.5/33

In: 224.817 $\pm$ 474.559 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.021 $\pm$ 336.711 χ^2 /NDF: 27.5/33

asym_us_dd_atlr_dd_dd_rms vs Slug, Sign Corrected



Right In: 1240.140+/-0.336 χ^2/NDF : 782679.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1249.410+/-0.338 χ^2/NDF : 606099.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

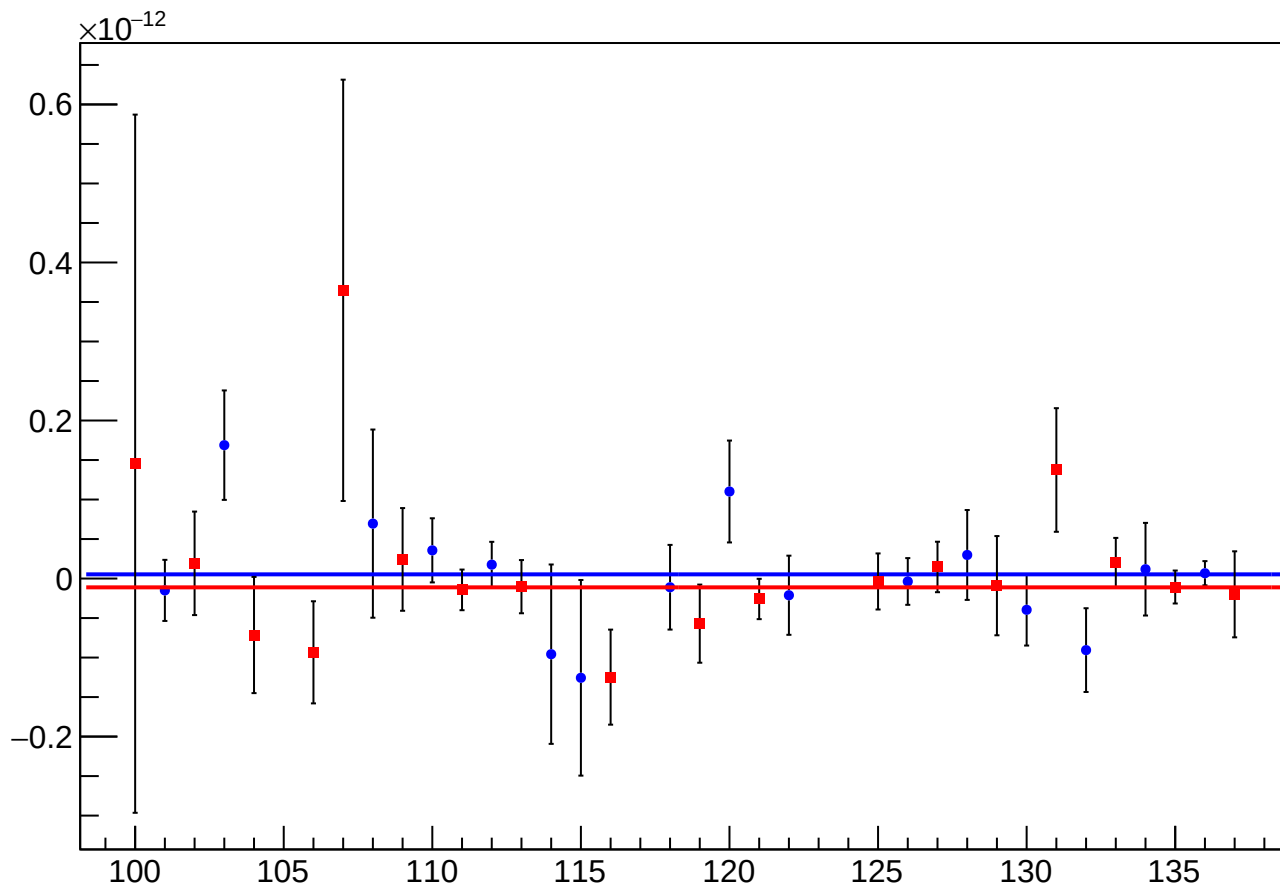
Right: 1244.743+/-0.238 χ^2/NDF : 1389157.9/33

In: 1240.140+/-0.336 χ^2/NDF : 782679.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1244.743+/-0.238 χ^2/NDF : 1389157.9/33

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

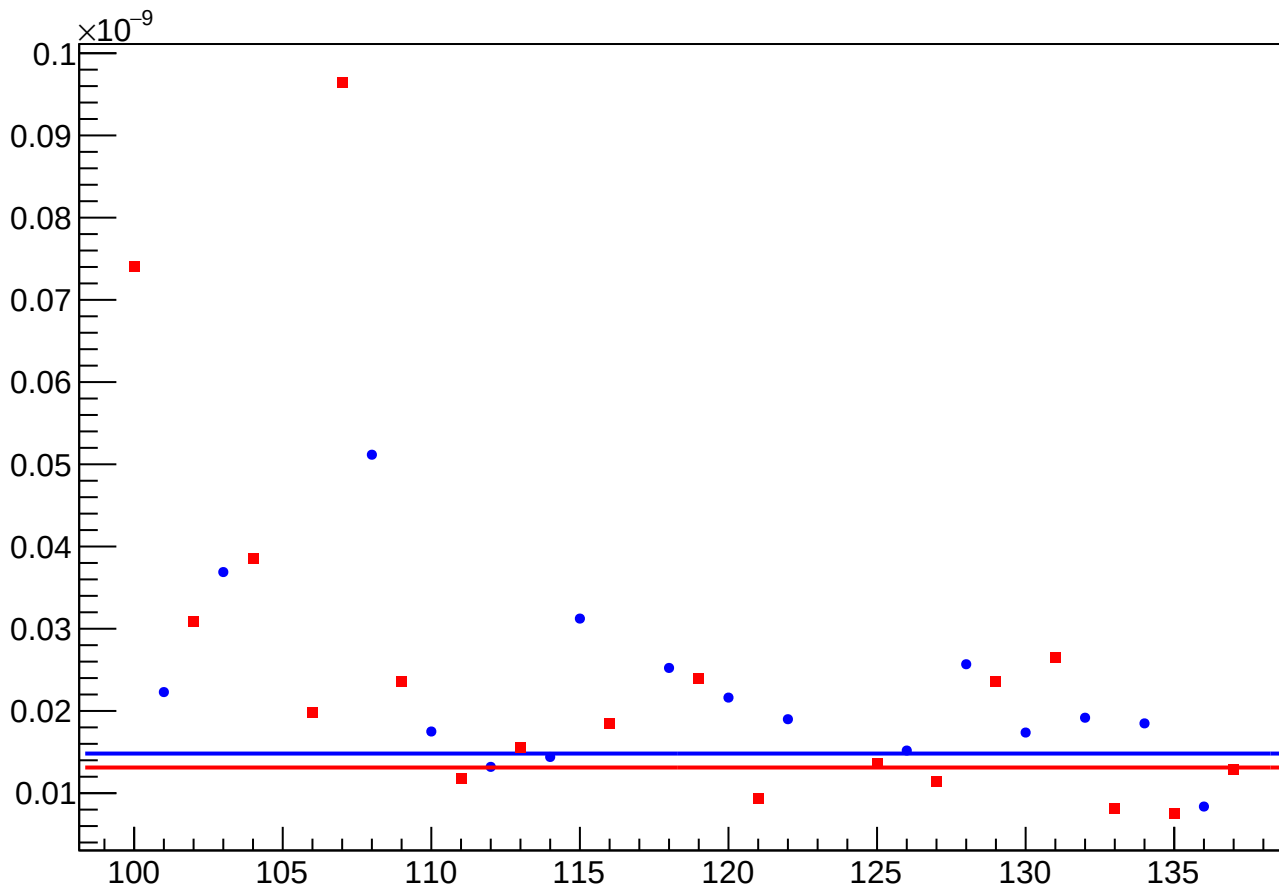
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.9/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.9/33

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1081472.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1181949.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

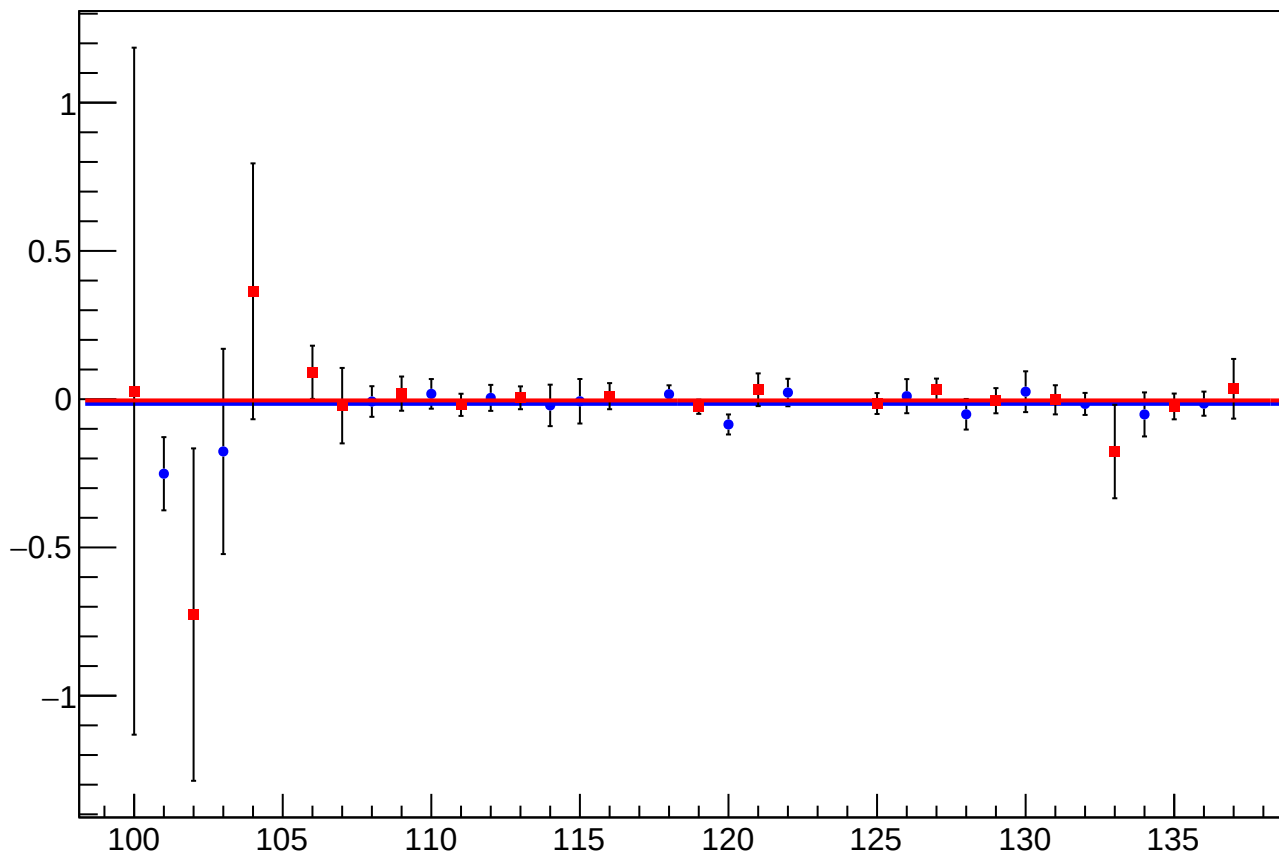
Right: 0.000+/-0.000 χ^2/NDF : 2295265.5/33

In: 0.000+/-0.000 χ^2/NDF : 1081472.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2295265.5/33

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.011 χ^2/NDF : 7.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

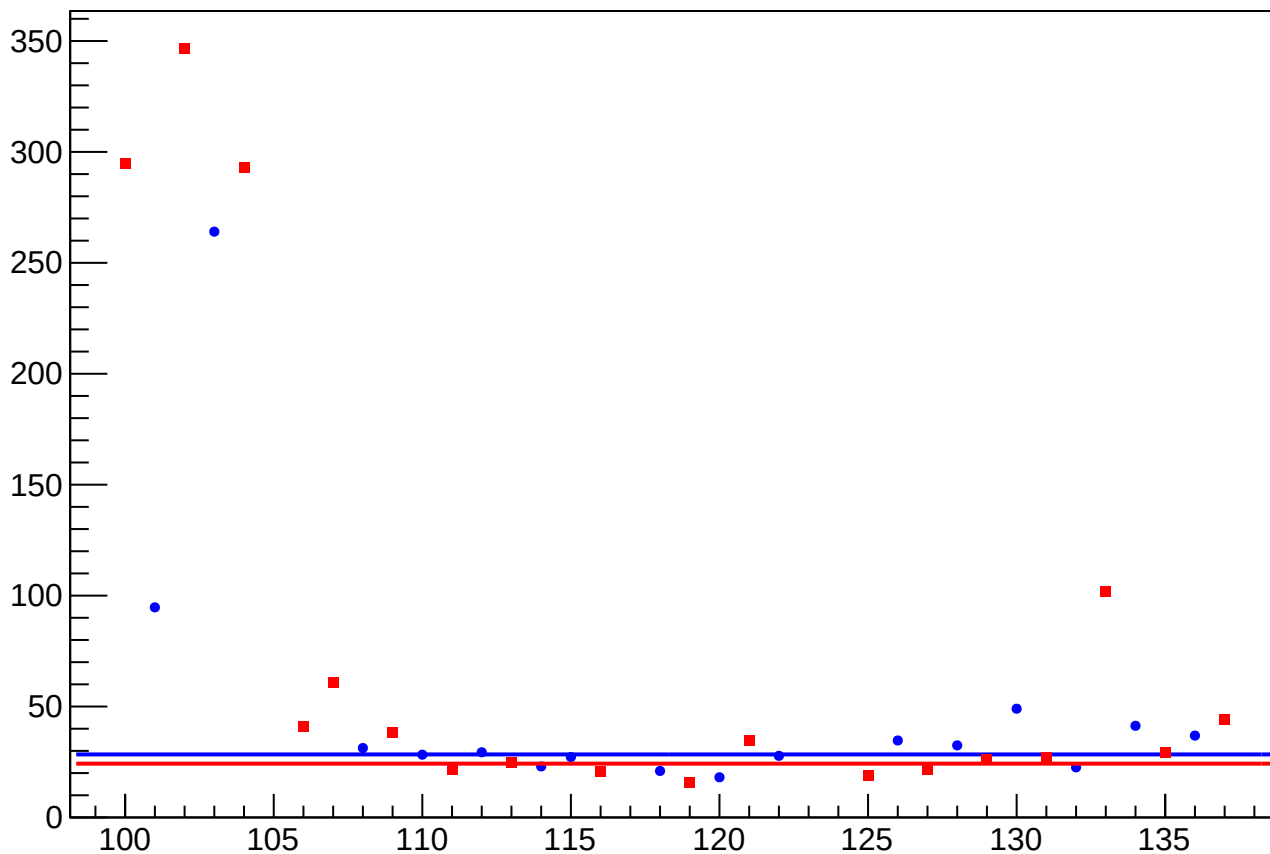
Right: -0.010 ± 0.008 χ^2/NDF : 20.2/33

In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 20.2/33

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.411+/-0.009 χ^2/NDF : 2245642.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.255+/-0.008 χ^2/NDF : 2913469.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

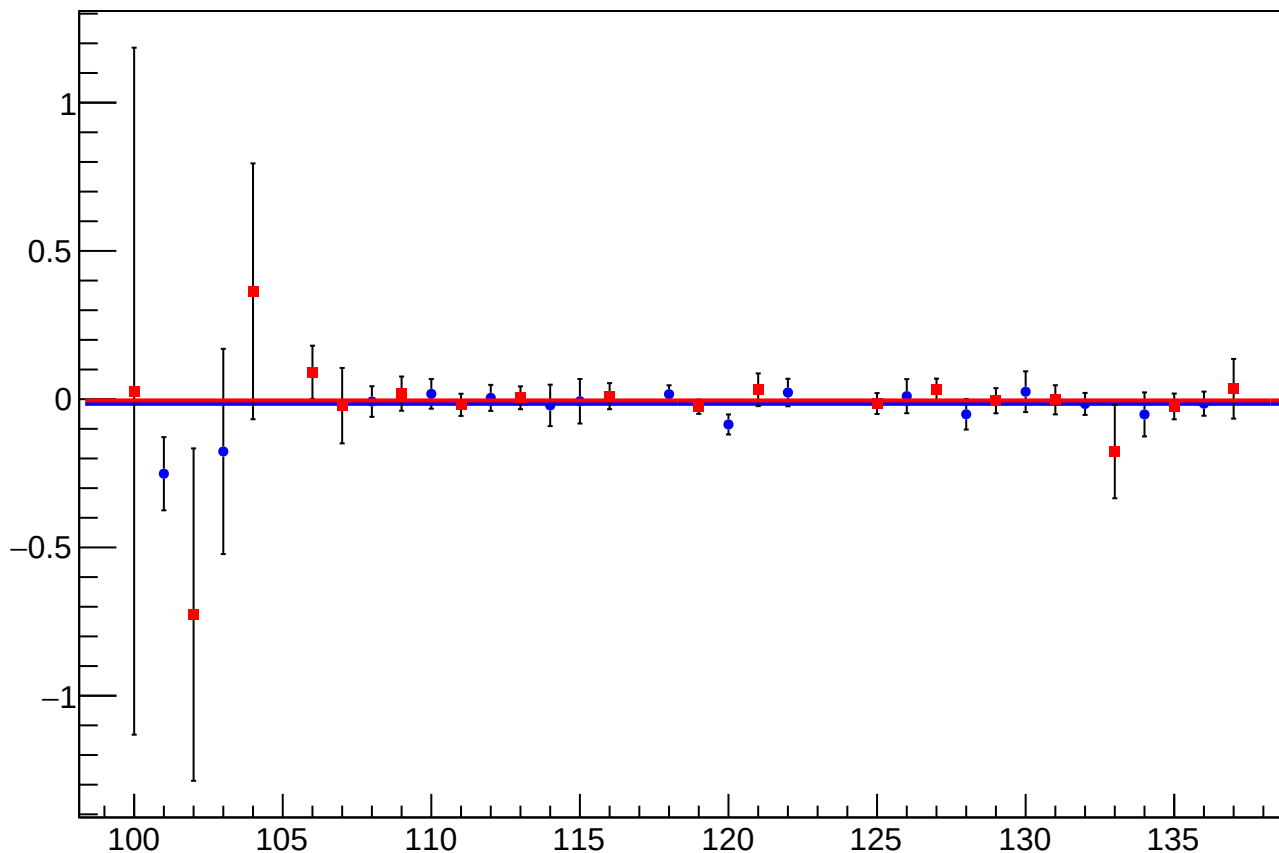
Right: 26.181+/-0.006 χ^2/NDF : 5281459.7/33

In: 28.411+/-0.009 χ^2/NDF : 2245642.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.181+/-0.006 χ^2/NDF : 5281459.7/33

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.011 χ^2/NDF : 7.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

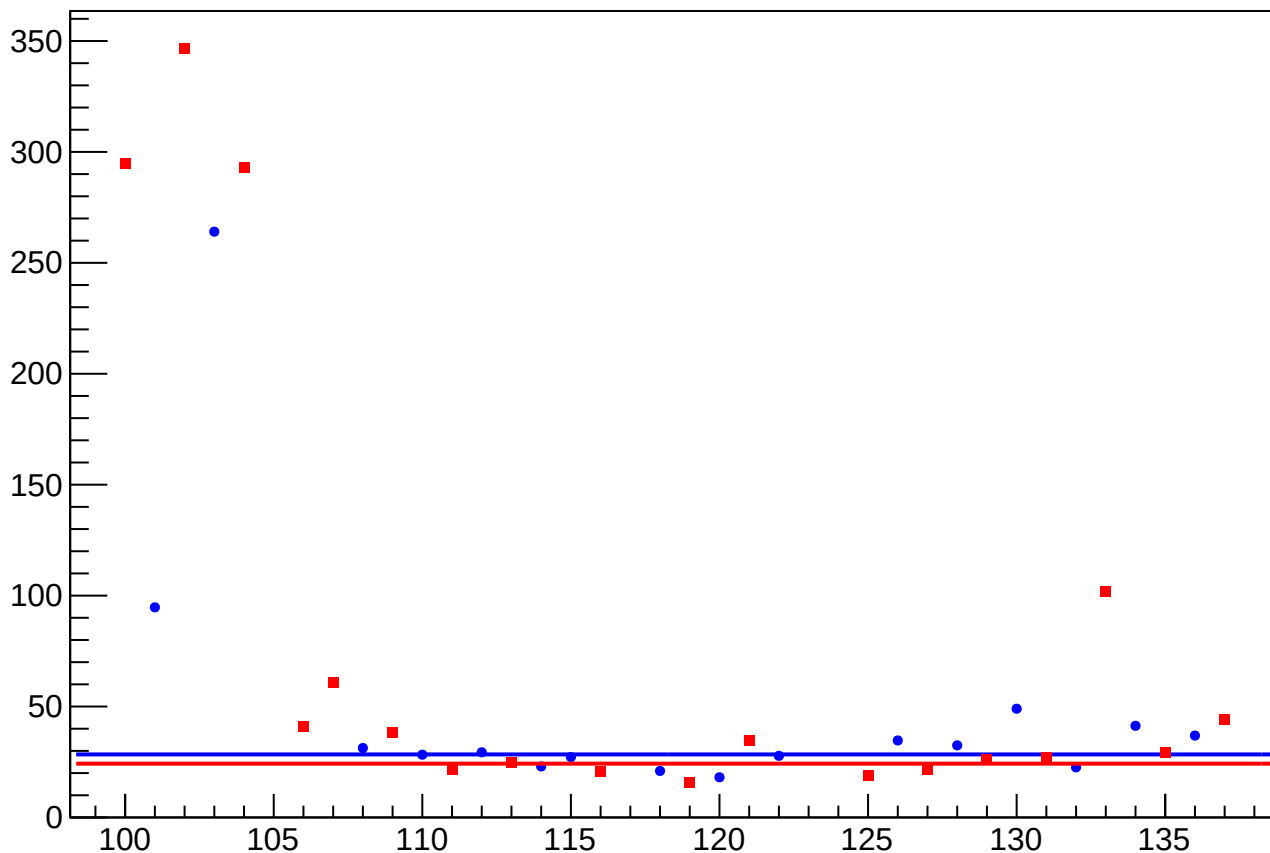
Right: -0.010 ± 0.008 χ^2/NDF : 20.2/33

In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 20.2/33

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.411+/-0.009 χ^2/NDF : 2245642.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.255+/-0.008 χ^2/NDF : 2913469.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

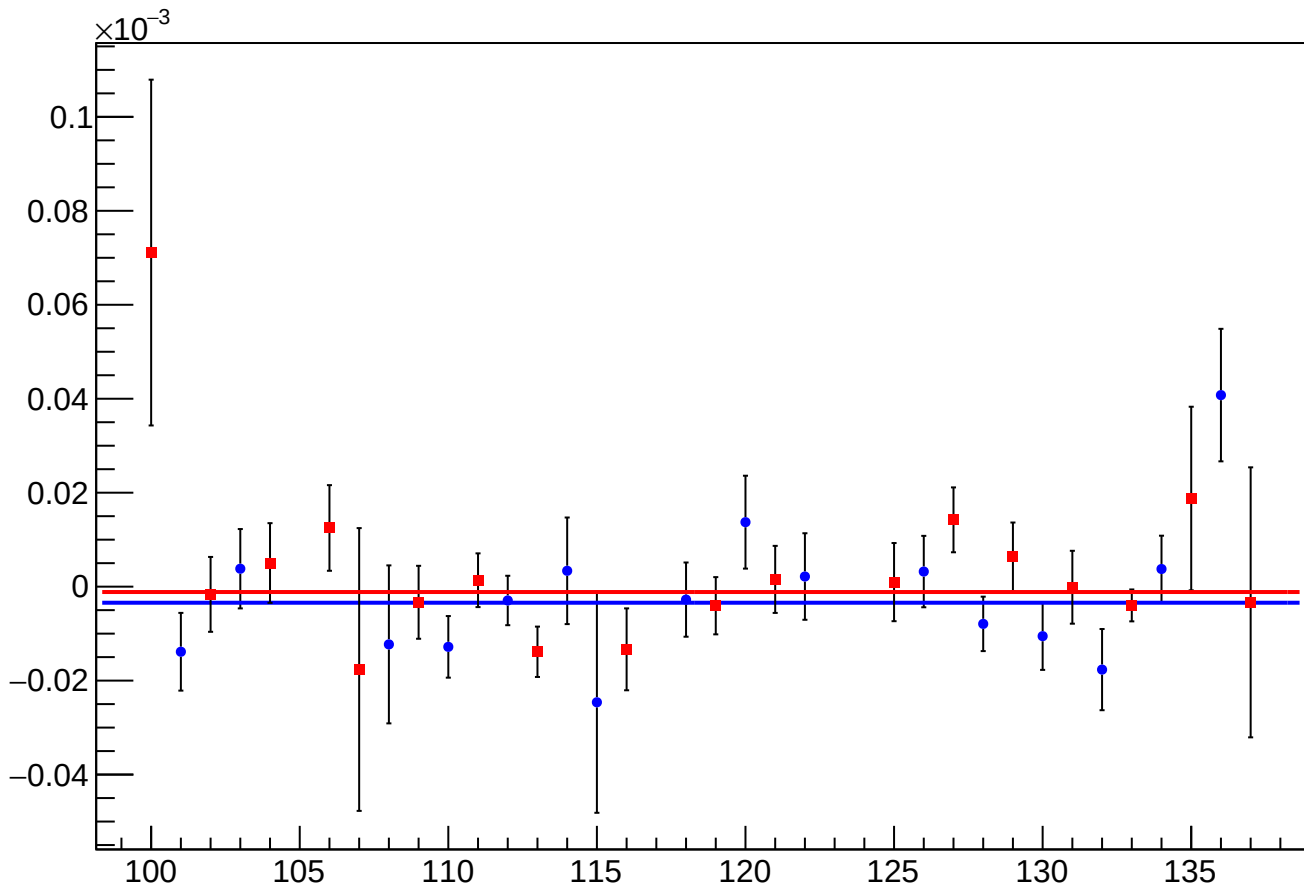
Right: 26.181+/-0.006 χ^2/NDF : 5281459.7/33

In: 28.411+/-0.009 χ^2/NDF : 2245642.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.181+/-0.006 χ^2/NDF : 5281459.7/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 25.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

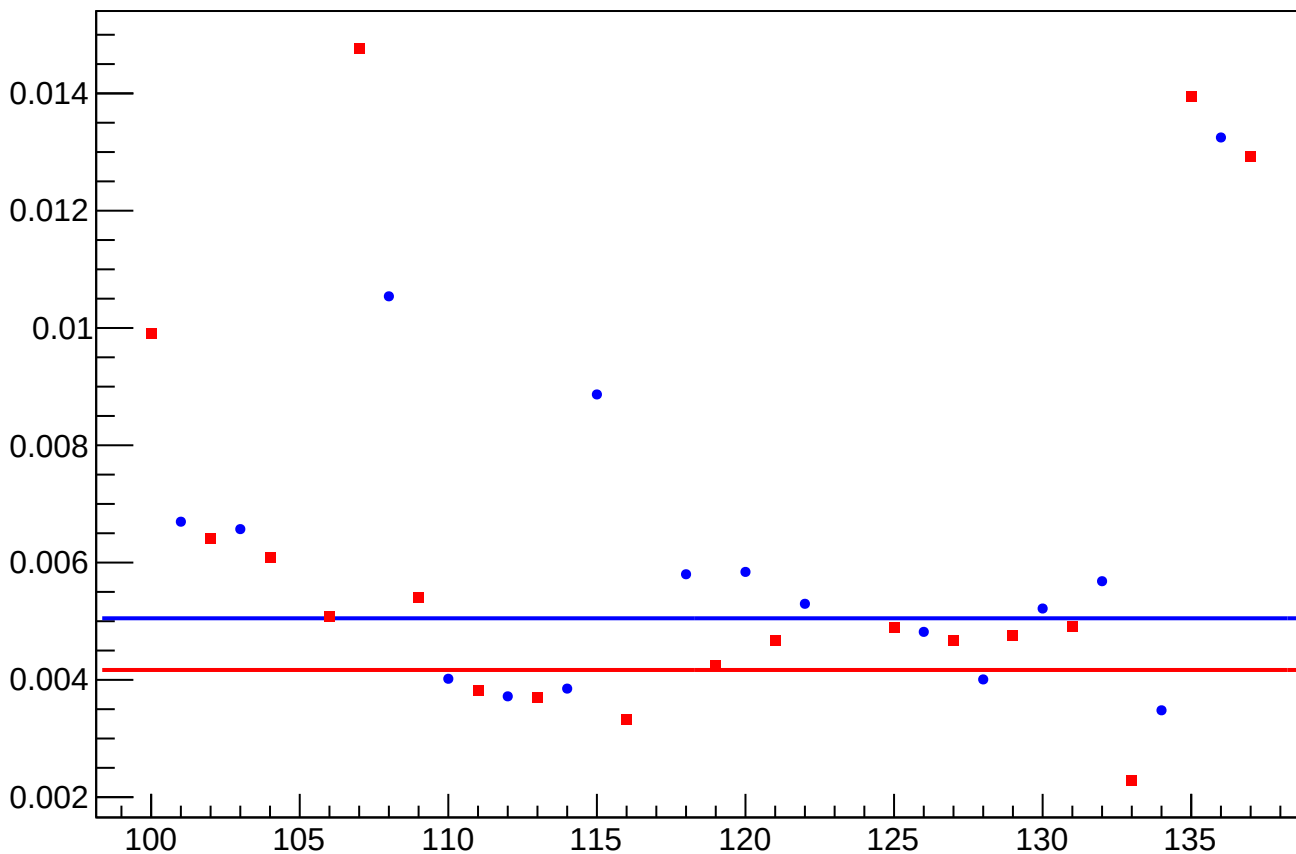
Right: -0.000+/-0.000 χ^2/NDF : 48.9/33

In: -0.000+/-0.000 χ^2/NDF :25.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 48.9/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1494215.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2041975.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

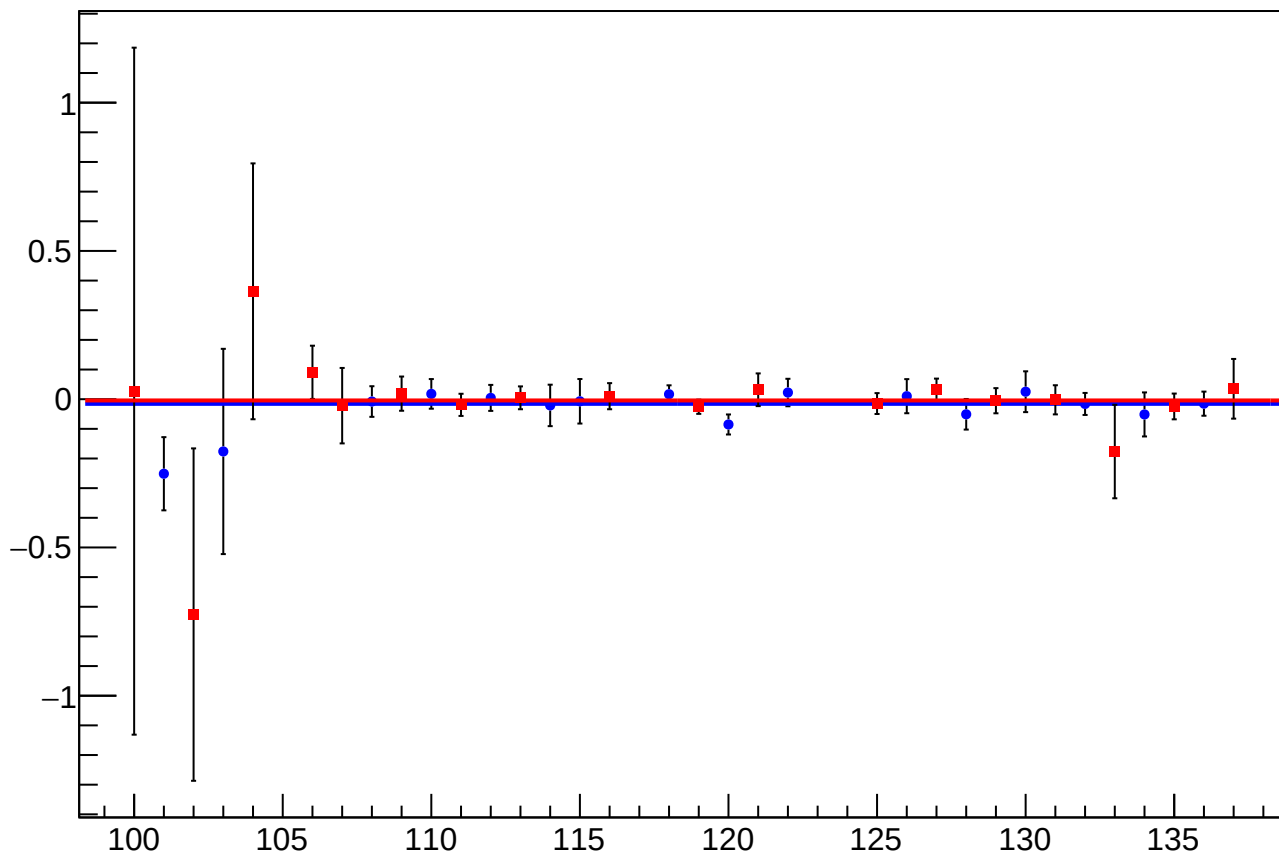
Right: 0.005+/-0.000 χ^2/NDF : 3758667.6/33

In: 0.005+/-0.000 χ^2/NDF :1494215.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3758667.6/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.011 χ^2/NDF : 7.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

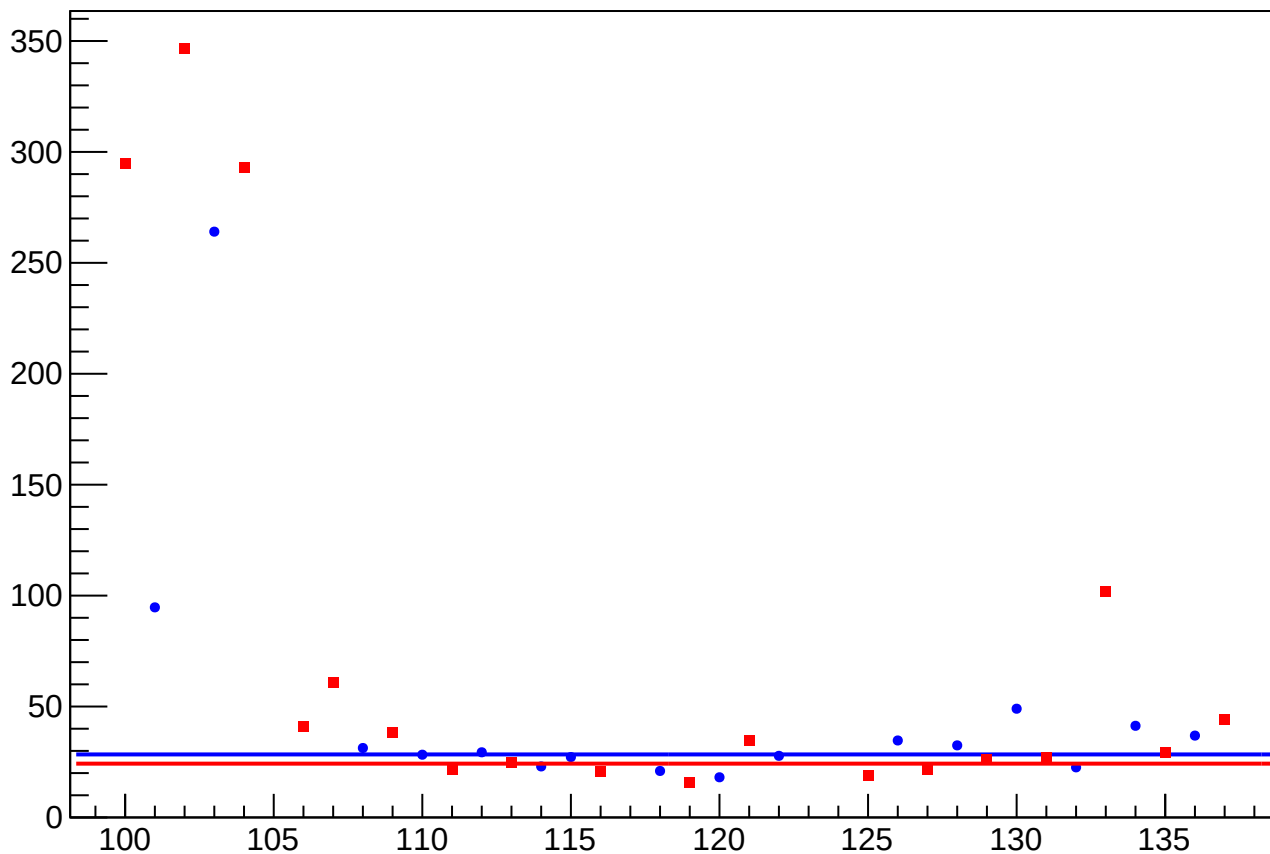
Right: -0.010 ± 0.008 χ^2/NDF : 20.2/33

In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 20.2/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.254+/-0.008 χ^2/NDF : 2913710.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

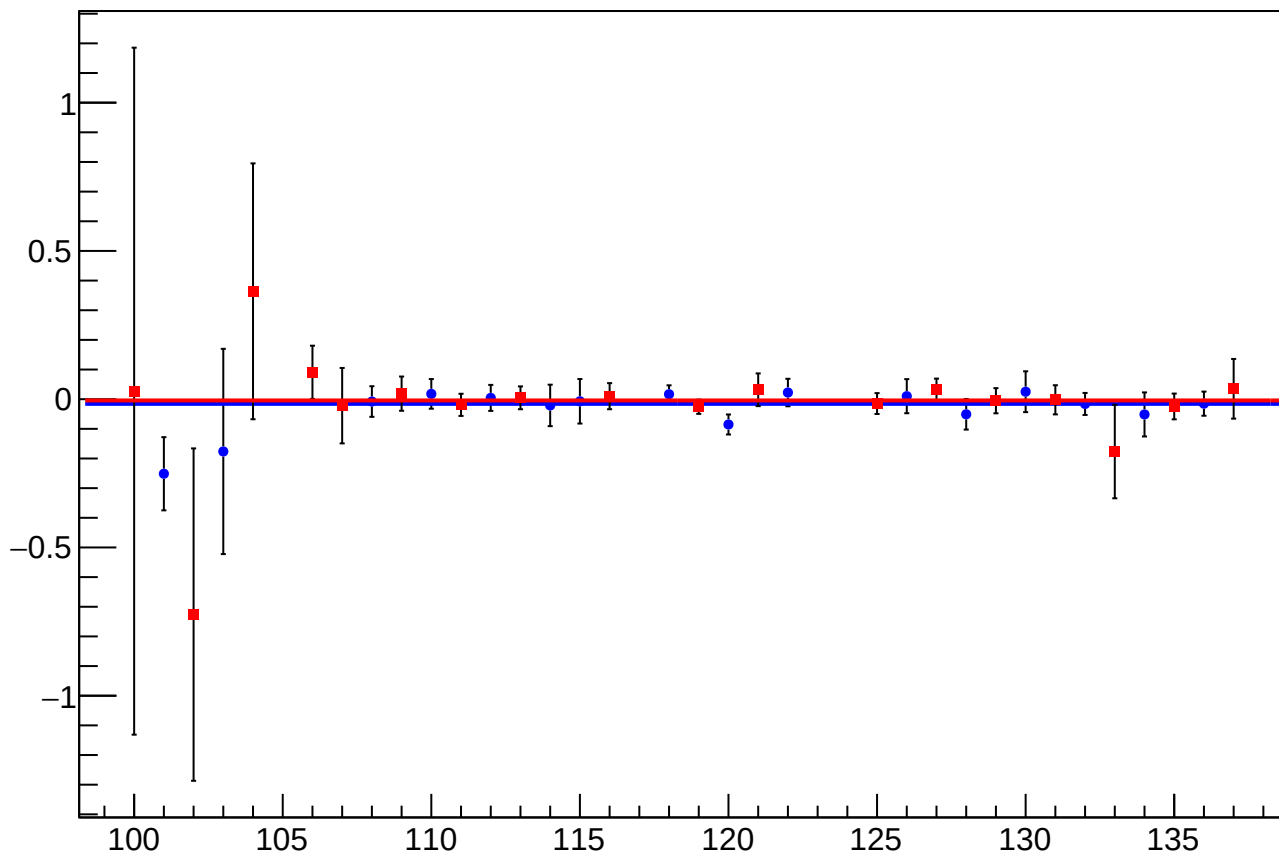
Right: 26.180+/-0.006 χ^2/NDF : 5281817.4/33

In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.180+/-0.006 χ^2/NDF : 5281817.4/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.011 χ^2/NDF : 7.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

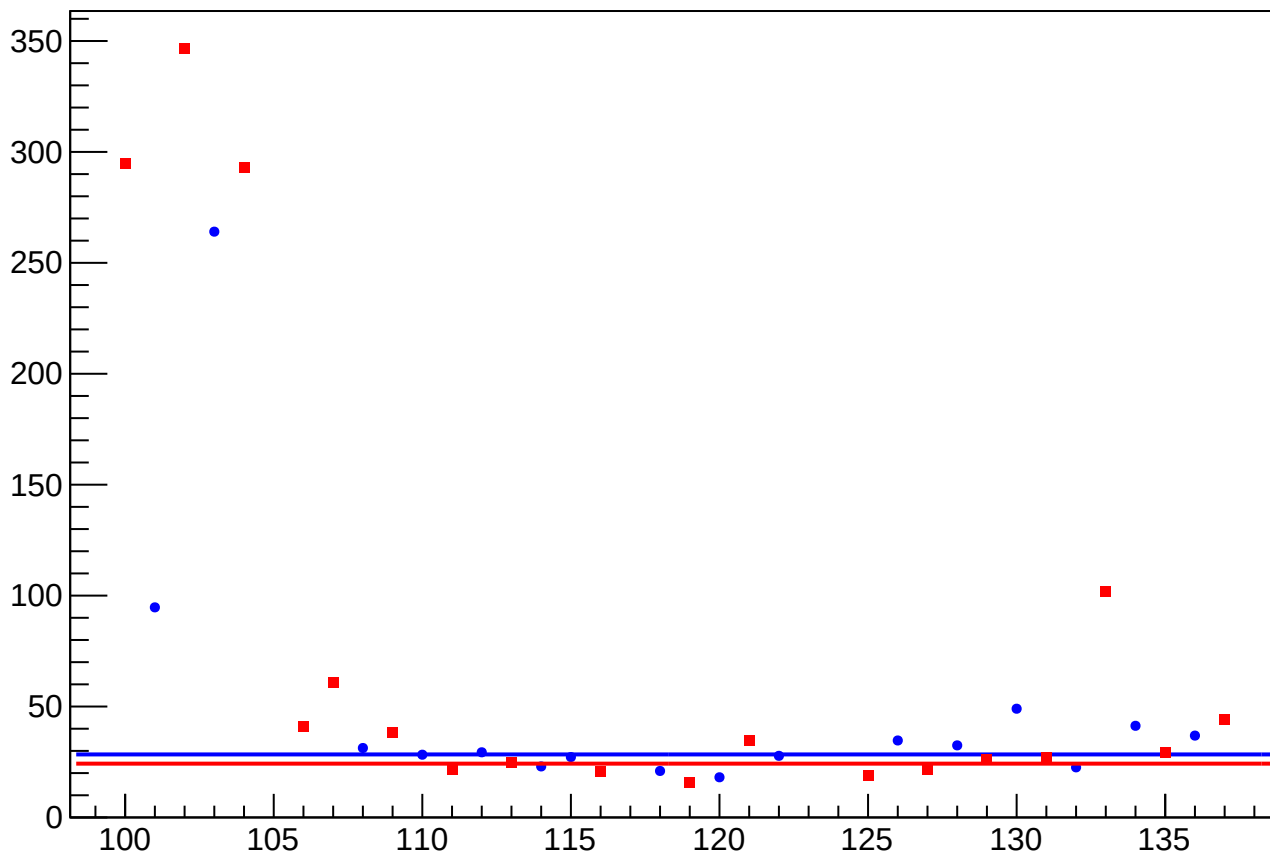
Right: -0.010 ± 0.008 χ^2/NDF : 20.2/33

In: -0.016 ± 0.012 χ^2/NDF : 11.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.008 χ^2/NDF : 20.2/33

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 24.254+/-0.008 χ^2/NDF : 2913710.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

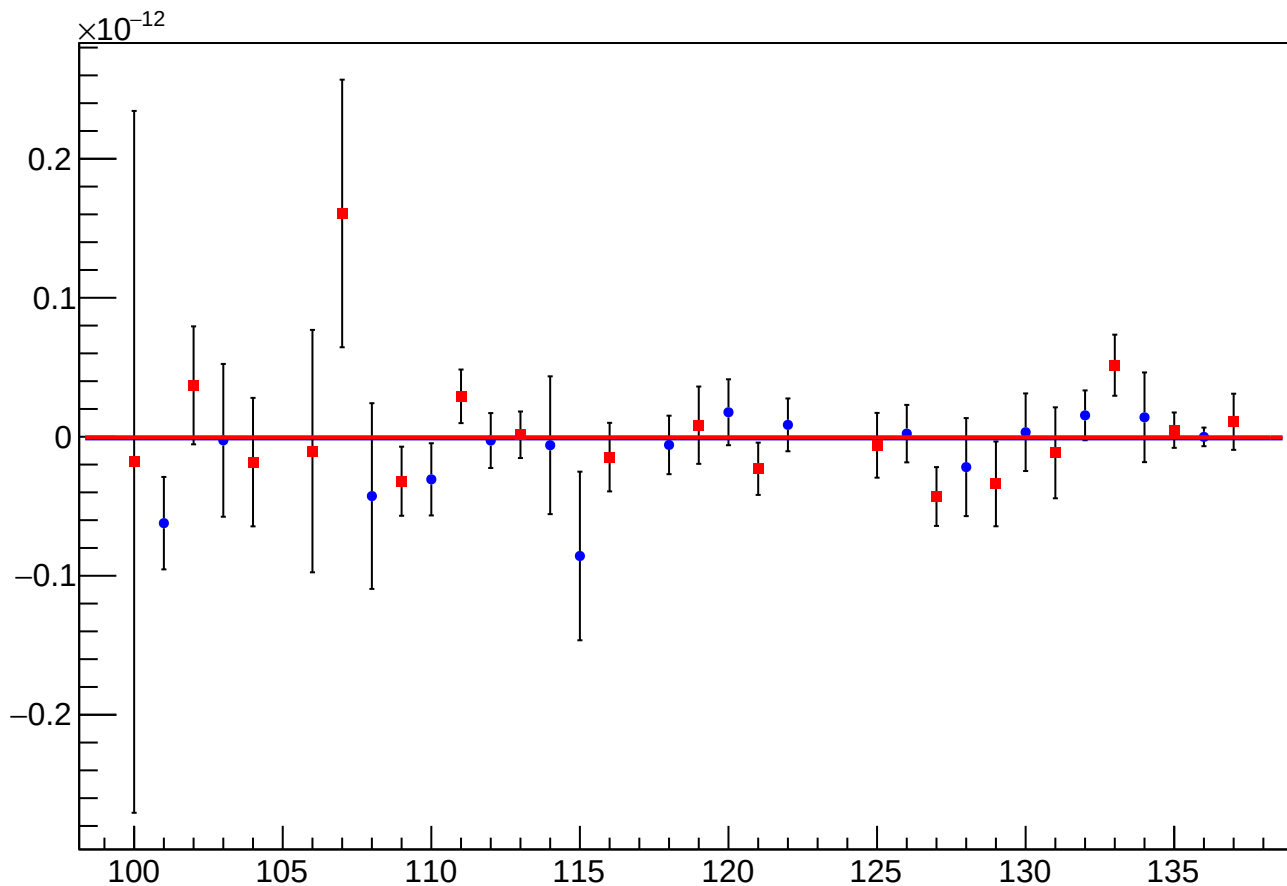
Right: 26.180+/-0.006 χ^2/NDF : 5281817.4/33

In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.180+/-0.006 χ^2/NDF : 5281817.4/33

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 9.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

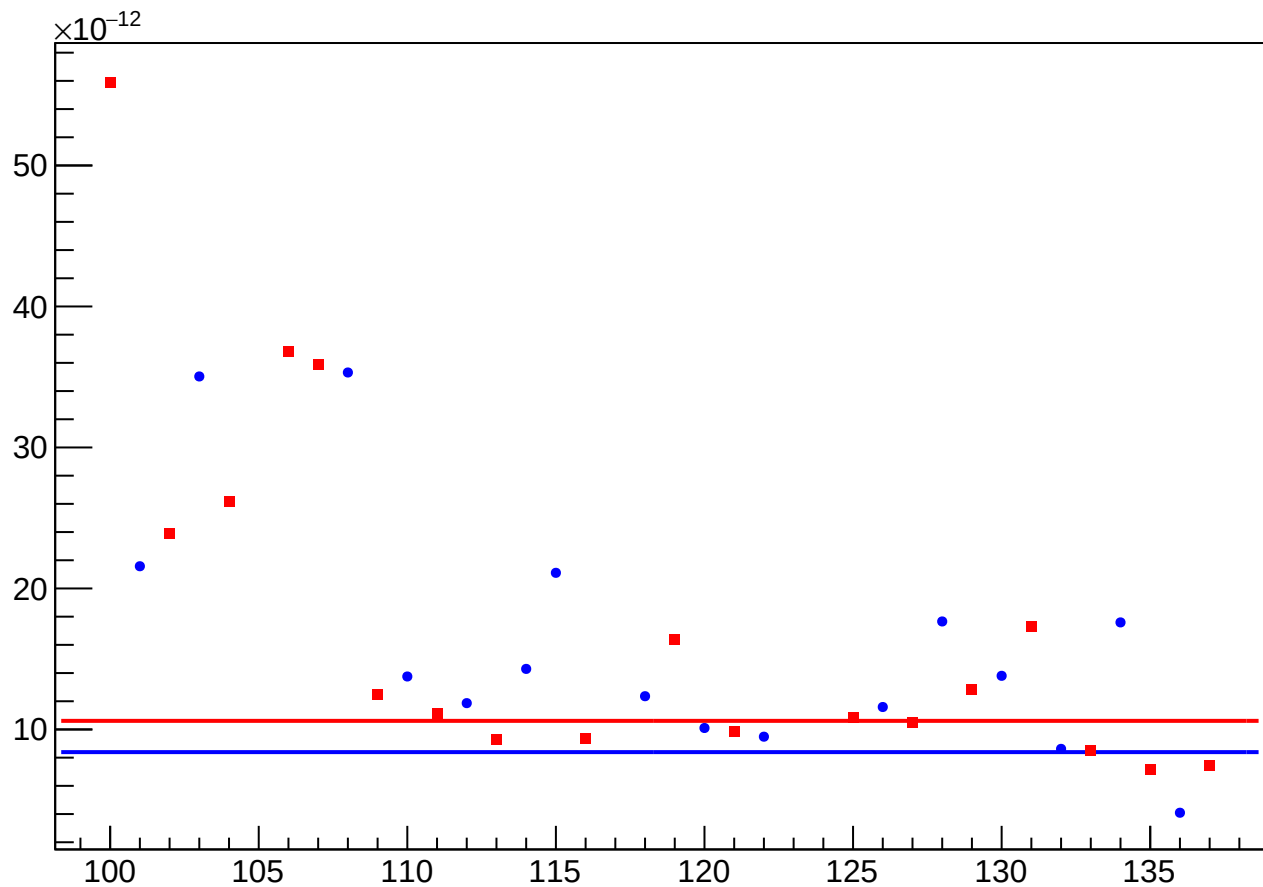
Right: -0.000+/-0.000 χ^2 /NDF: 30.5/33

In: -0.000+/-0.000 χ^2 /NDF:9.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 30.5/33

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2710106.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1233909.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

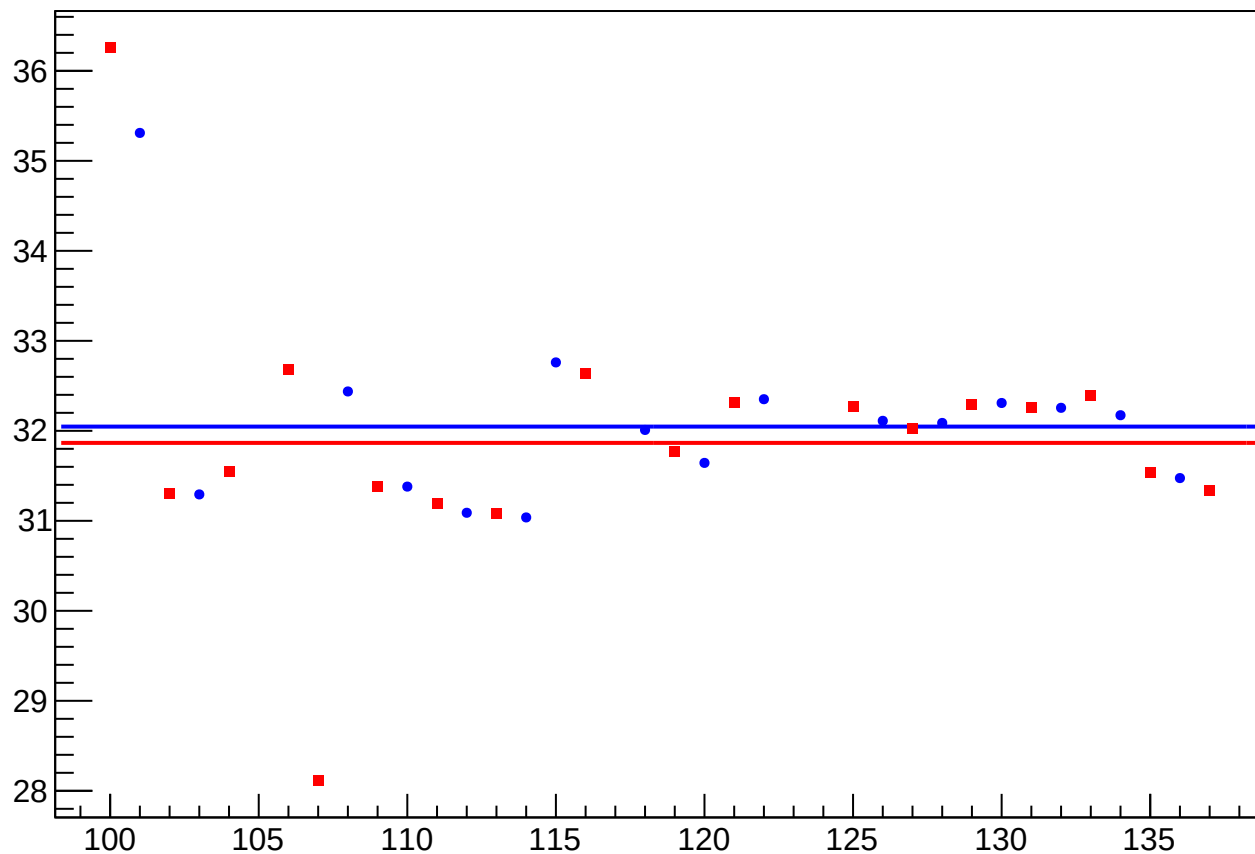
Right: 0.000+/-0.000 χ^2/NDF : 4124908.8/33

In: 0.000+/-0.000 χ^2/NDF : 2710106.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4124908.8/33

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.047 ± 0.000 $\chi^2/\text{NDF}: 898593424.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 31.866 ± 0.000 $\chi^2/\text{NDF}: 485941075.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

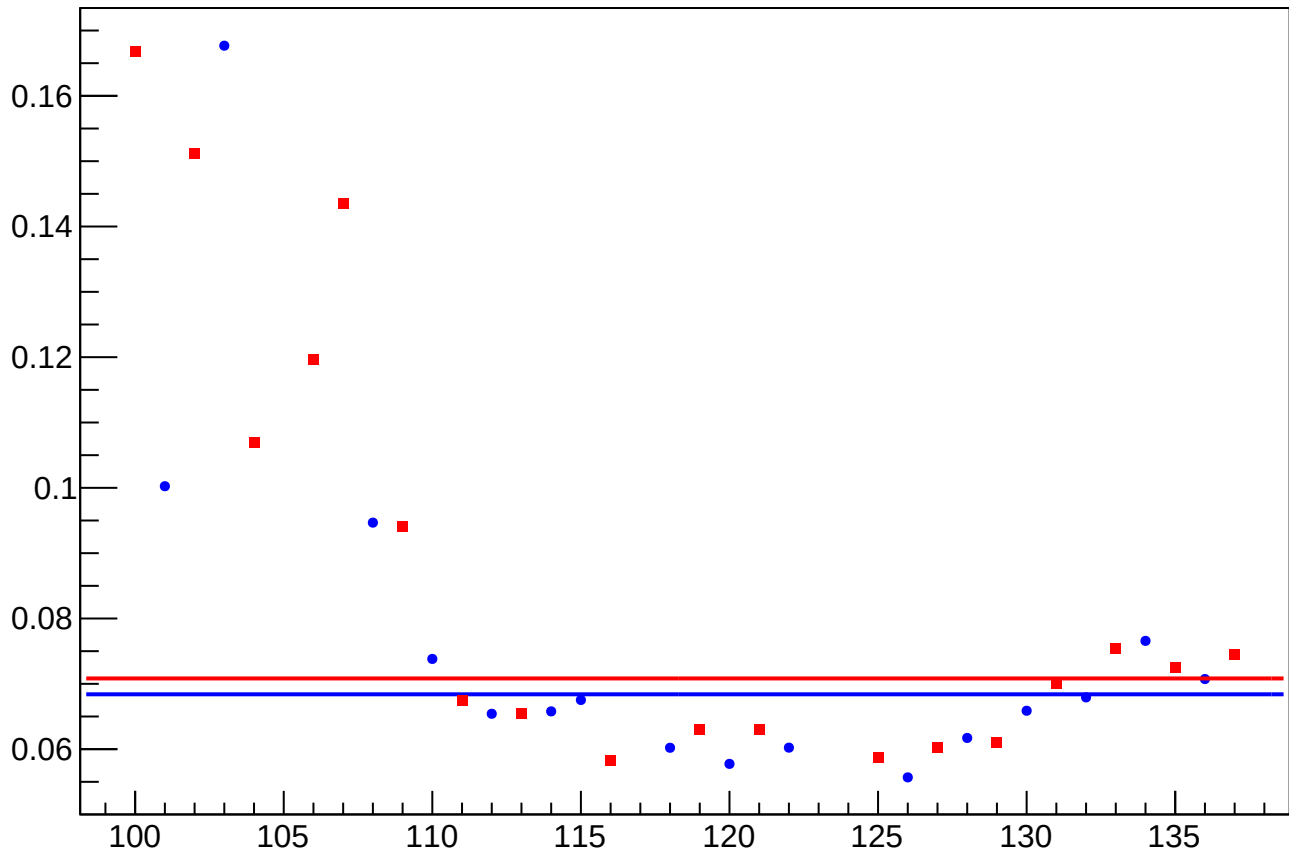
Right: 31.960 ± 0.000 $\chi^2/\text{NDF}: 1405663241.1/33$

In: 32.047 ± 0.000 $\chi^2/\text{NDF}: 898593424.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 31.960 ± 0.000 $\chi^2/\text{NDF}: 1405663241.1/33$

yield_usl_rms vs Slug, Sign Corrected



Right In: 0.068+/-0.000 χ^2/NDF : 703207.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 868237.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

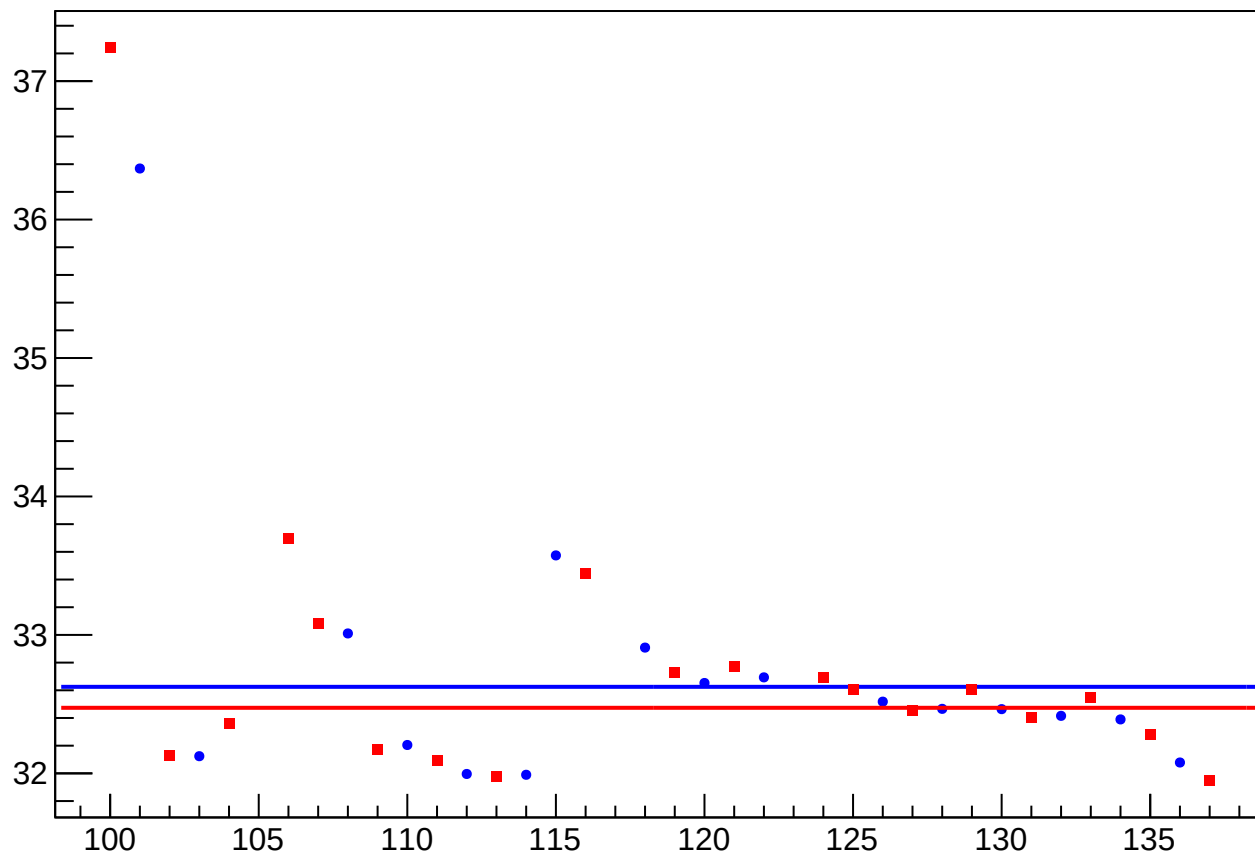
Right: 0.070+/-0.000 χ^2/NDF : 1579028.4/33

In: 0.068+/-0.000 χ^2/NDF :703207.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.070+/-0.000 χ^2/NDF : 1579028.4/33

yield_usr_mean vs Slug, Sign Corrected



Right In: 32.625+/-0.000 χ^2/NDF : 739141163.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.474+/-0.000 χ^2/NDF : 156801553.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

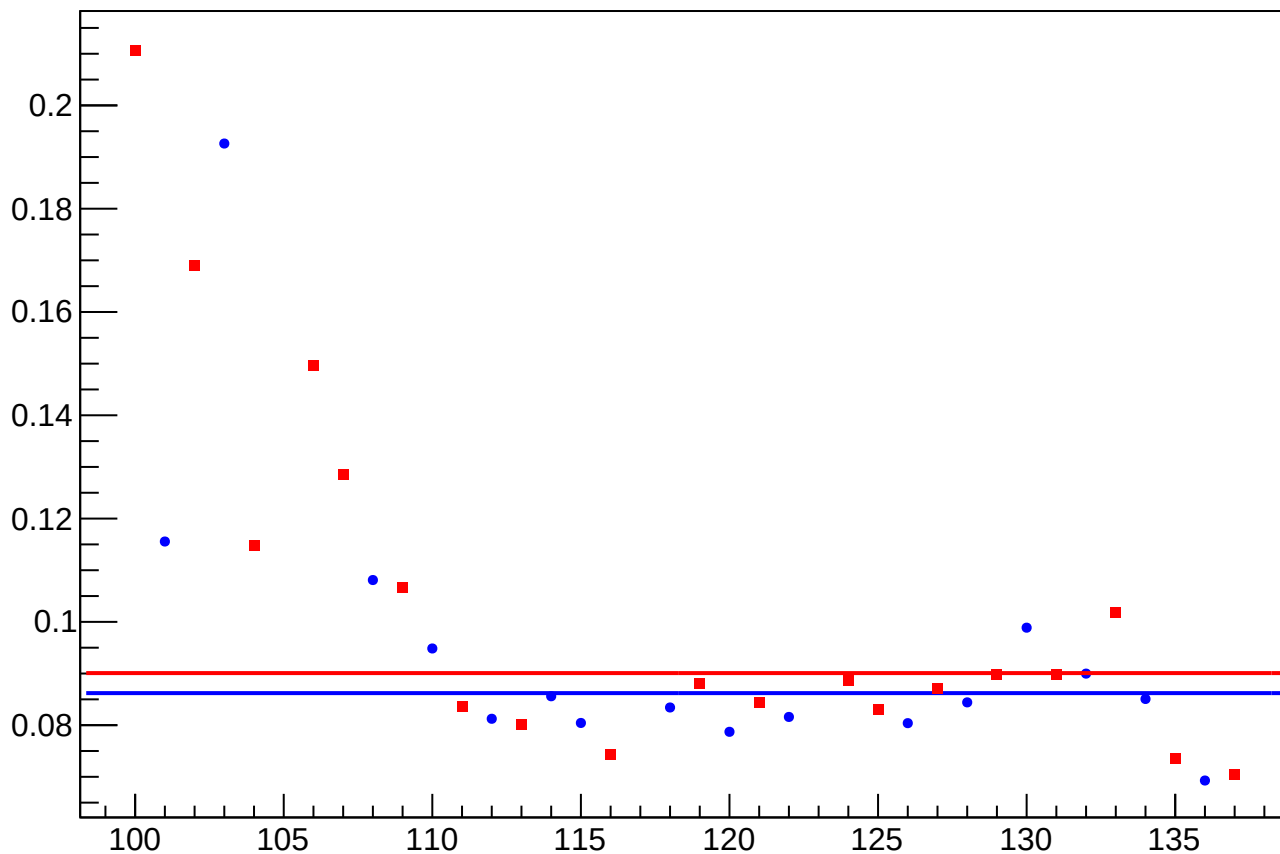
Right: 32.552+/-0.000 χ^2/NDF : 905331922.0/34

In: 32.625+/-0.000 χ^2/NDF : 739141163.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.552+/-0.000 χ^2/NDF : 905331922.0/34

yield_usr_rms vs Slug, Sign Corrected



Right In: 0.086+/-0.000 χ^2/NDF : 598718.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.090+/-0.000 χ^2/NDF : 621848.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

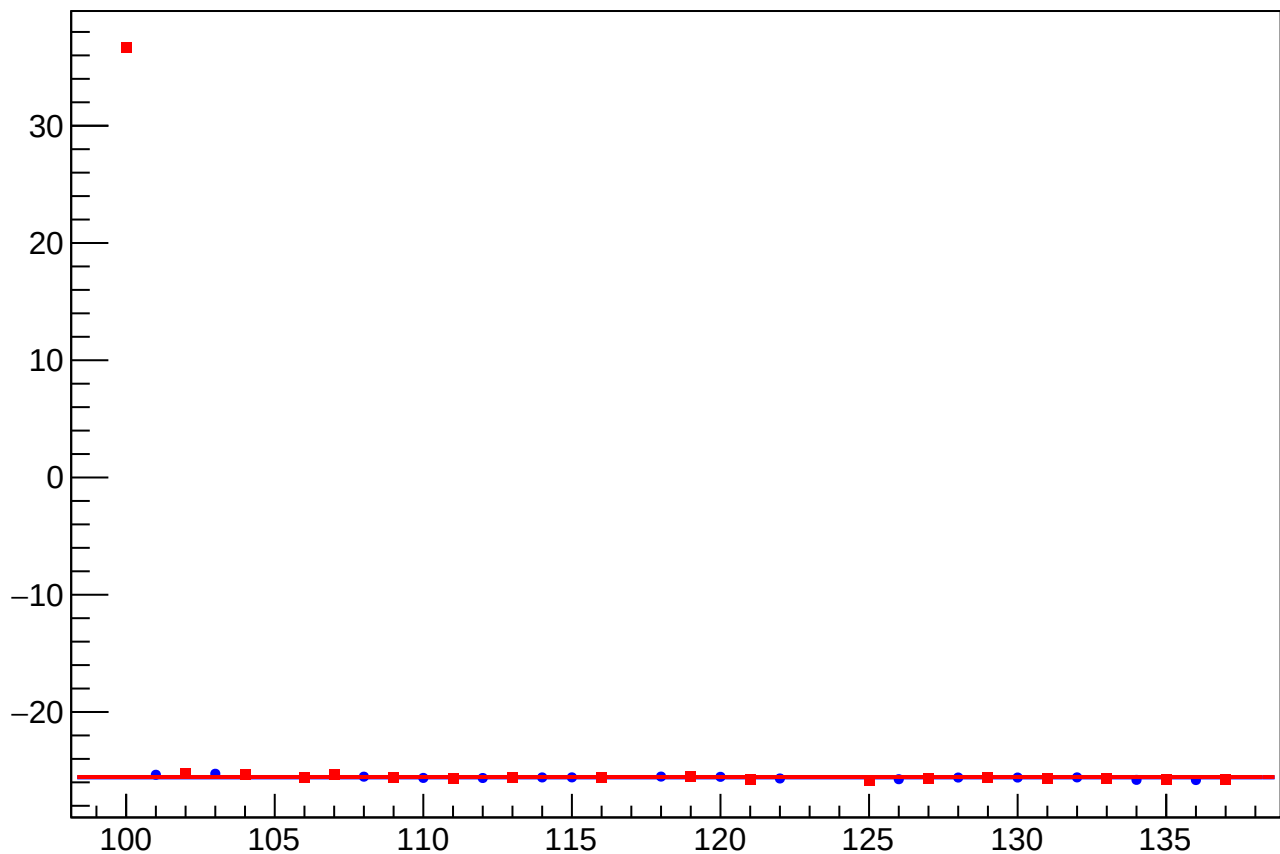
Right: 0.088+/-0.000 χ^2/NDF : 1232875.9/34

In: 0.086+/-0.000 χ^2/NDF :598718.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.088+/-0.000 χ^2/NDF : 1232875.9/34

yield_dsl_mean vs Slug, Sign Corrected



Right In: -25.579+/-0.000 χ^2/NDF : 98389255.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.544+/-0.000 χ^2/NDF : 8907540506.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

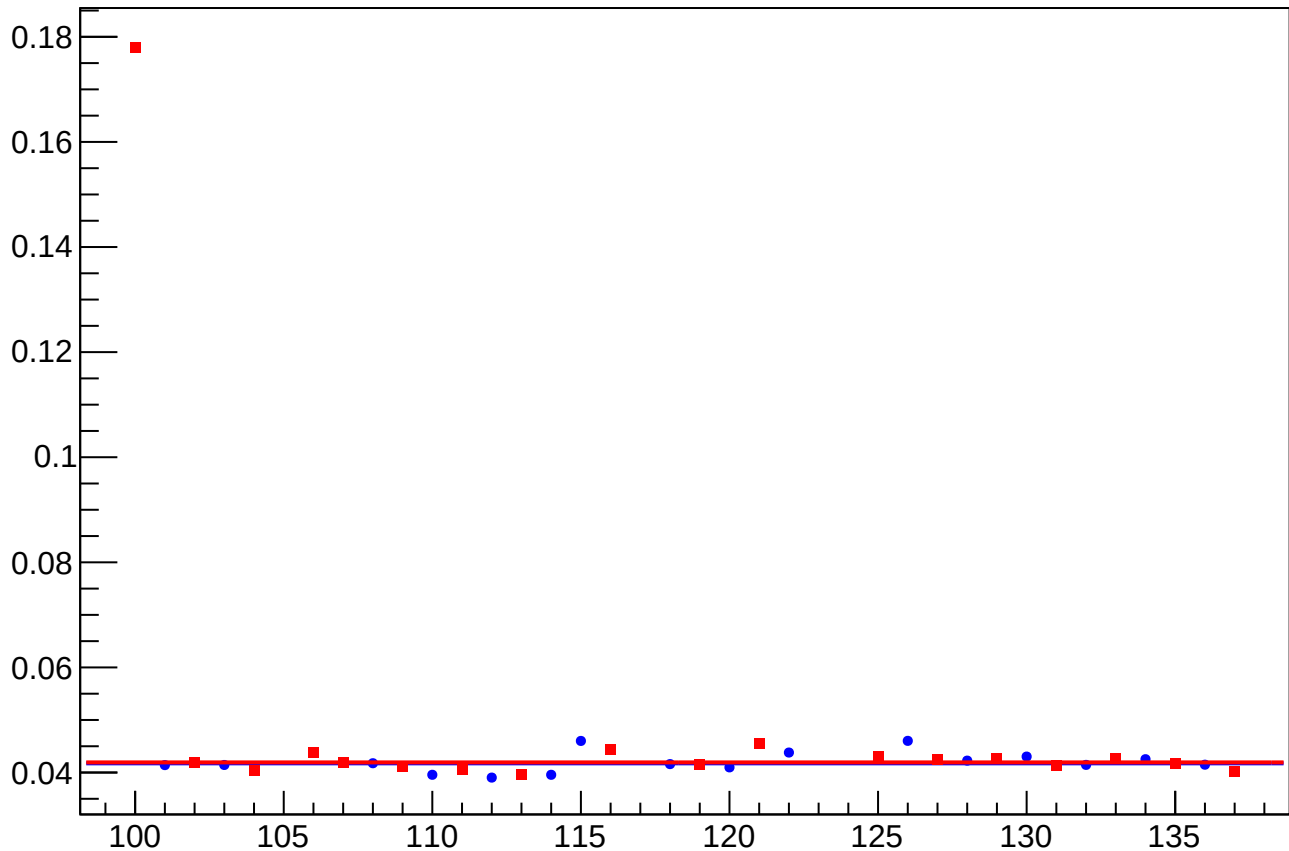
Right: -25.561+/-0.000 χ^2/NDF : 9008481743.9/33

In: -25.579+/-0.000 χ^2/NDF : 98389255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.561+/-0.000 χ^2/NDF : 9008481743.9/33

yield_dsl_rms vs Slug, Sign Corrected



Right In: 0.042+/-0.000 χ^2/NDF : 20733.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.000 χ^2/NDF : 100140.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

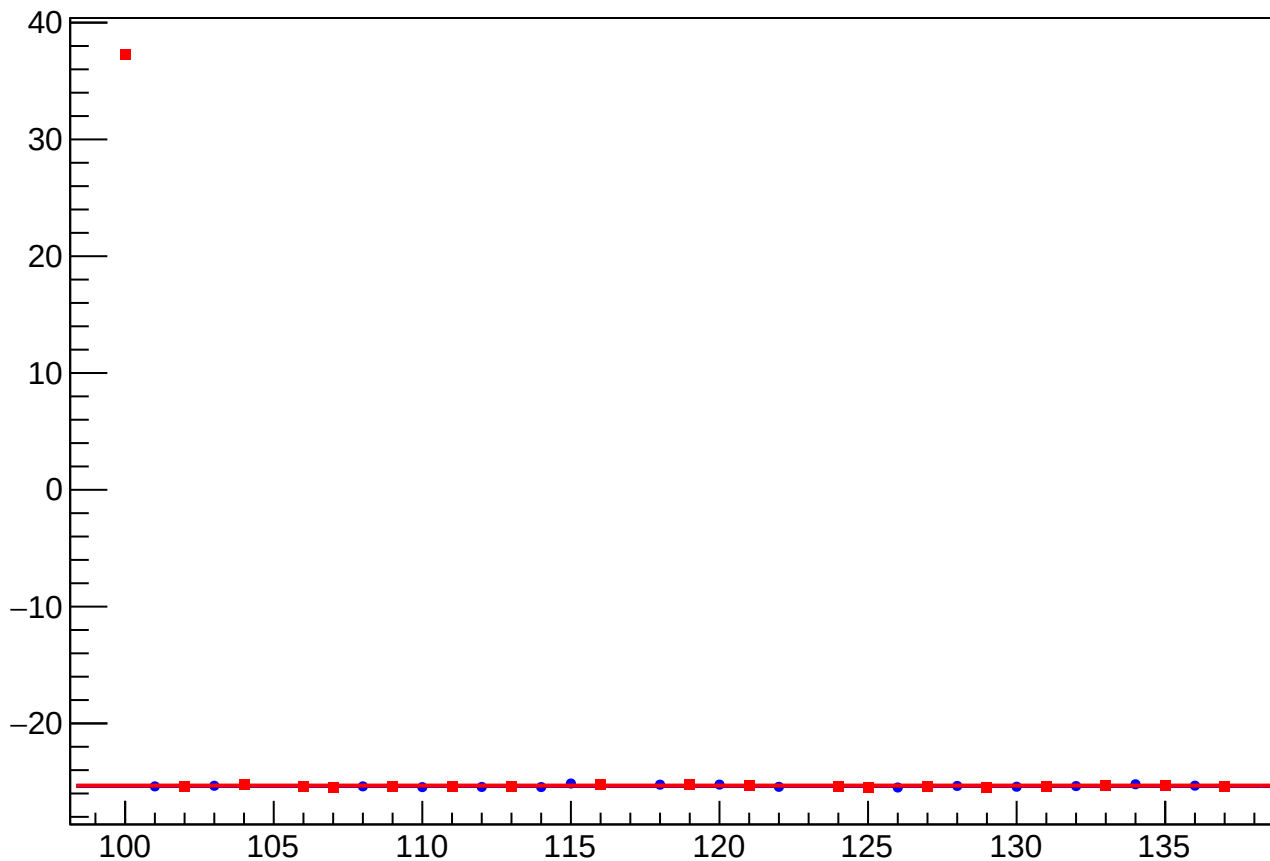
Right: 0.042+/-0.000 χ^2/NDF : 121007.1/33

In: 0.042+/-0.000 χ^2/NDF : 20733.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.042+/-0.000 χ^2/NDF : 121007.1/33

yield_dsr_mean vs Slug, Sign Corrected



Right In: -25.360+/-0.000 χ^2/NDF : 13284405.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.322+/-0.000 χ^2/NDF : 6314907036.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

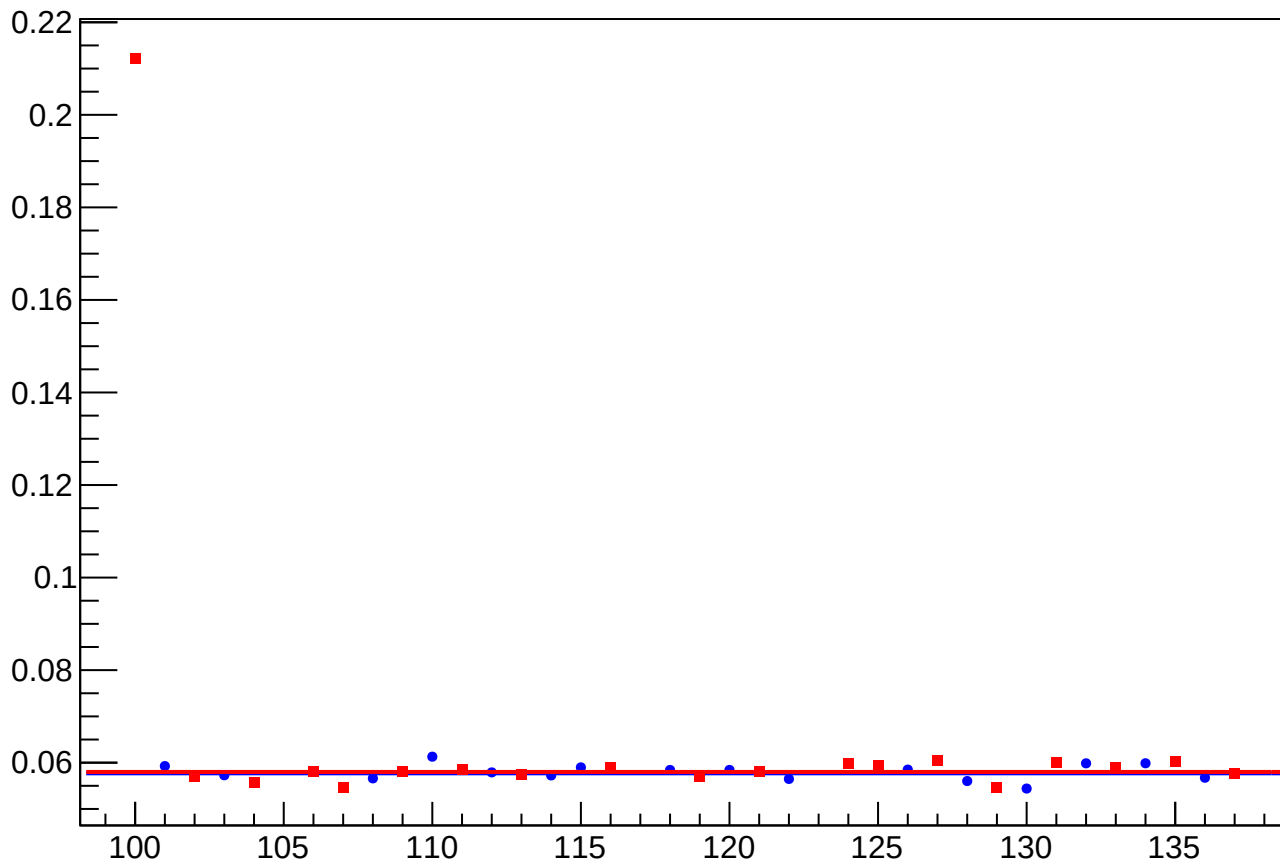
Right: -25.341+/-0.000 χ^2/NDF : 6329738520.5/34

In: -25.360+/-0.000 χ^2/NDF : 13284405.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.341+/-0.000 χ^2/NDF : 6329738520.5/34

yield_dsr_rms vs Slug, Sign Corrected



Right In: 0.058+/-0.000 χ^2/NDF : 11763.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 88682.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

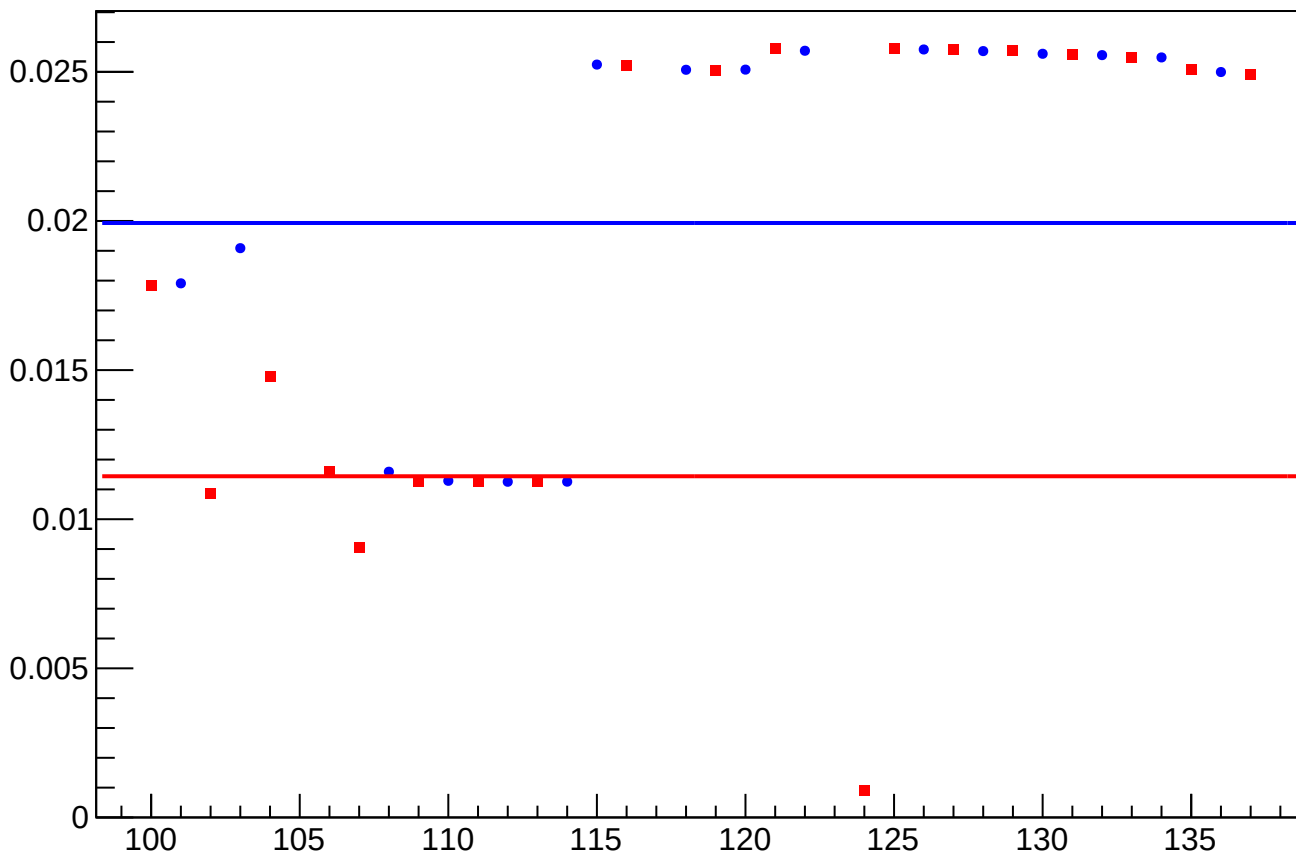
Right: 0.058+/-0.000 χ^2/NDF : 100633.0/34

In: 0.058+/-0.000 χ^2/NDF : 11763.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 100633.0/34

yield_atl1_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.000

χ^2/NDF : 62465154056.0/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 385775066677.0/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.020+/-0.000

χ^2/NDF : 62465154056.0/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

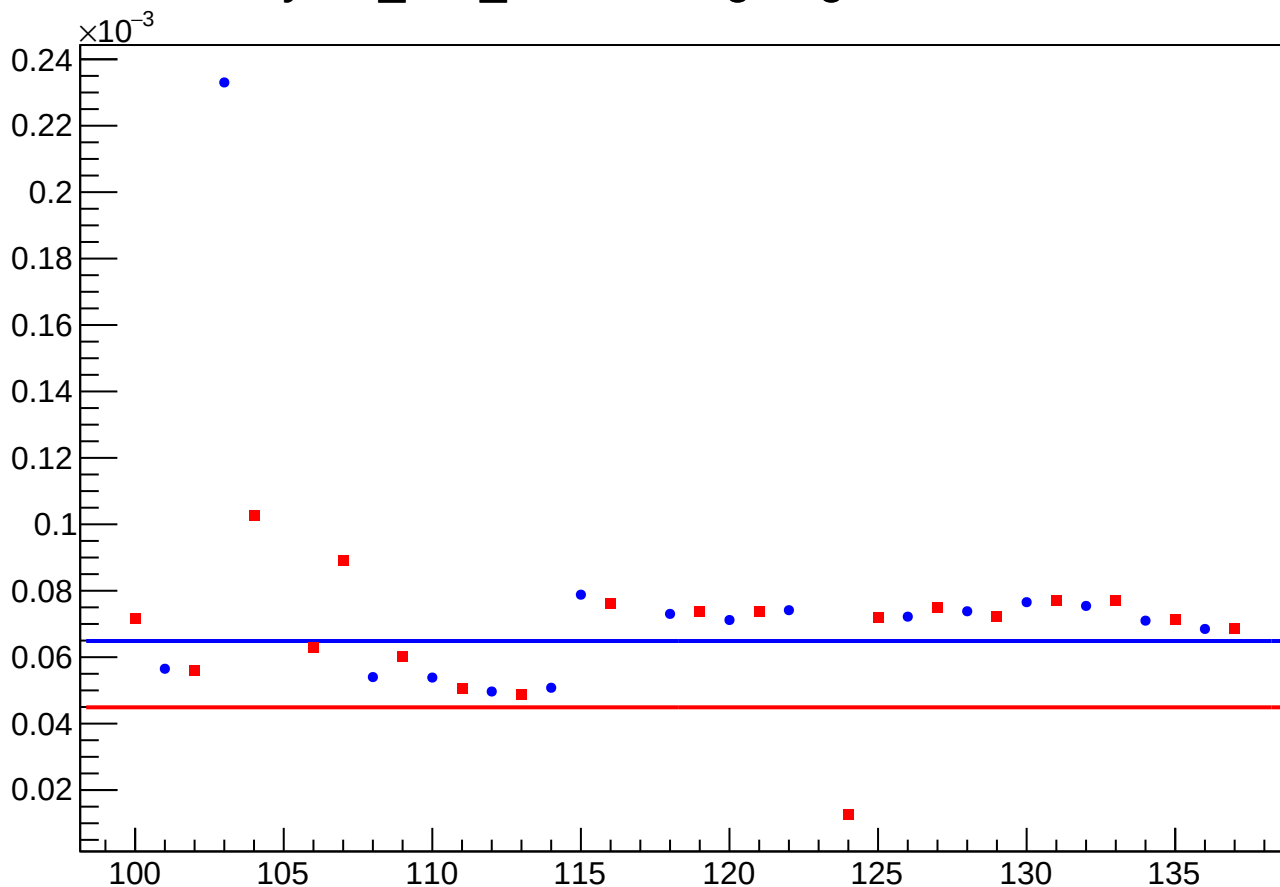
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 385775066677.0

yield_atl1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 816892.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3770565.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

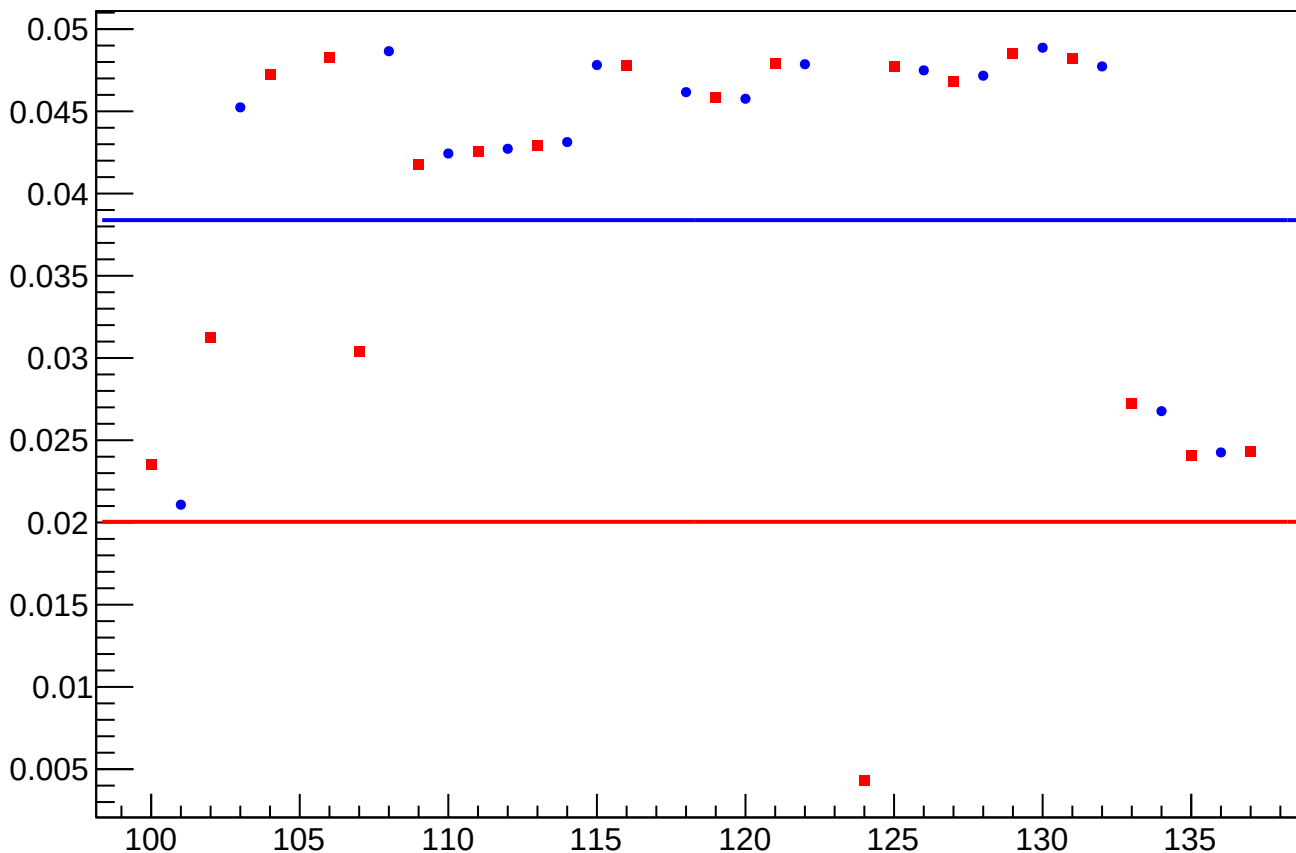
Right: 0.000+/-0.000 χ^2/NDF : 5354969.6/34

In: 0.000+/-0.000 χ^2/NDF : 816892.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5354969.6/34

yield_atl2_mean vs Slug, Sign Corrected



Right In: 0.038+/-0.000

χ^2/NDF : 7078619233.3/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.026+/-0.000 χ^2/NDF : 62680347103.1/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.038+/-0.000 χ^2/NDF : 7078619233.3/15

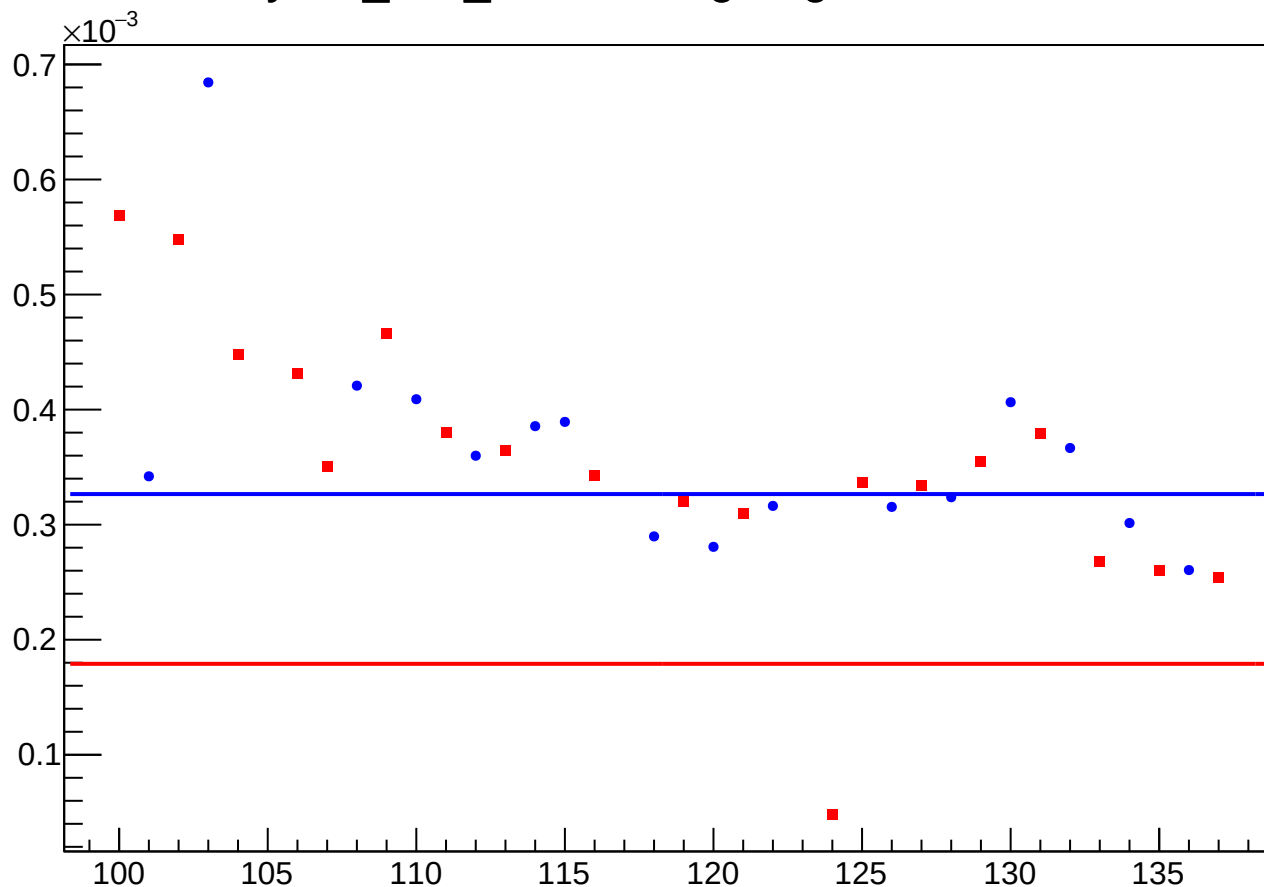
Right Out: 0.020+/-0.000 χ^2/NDF : 42185025429.6/18

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.000 χ^2/NDF : 62680347103.1/34

yield_atl2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 581428.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5660786.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

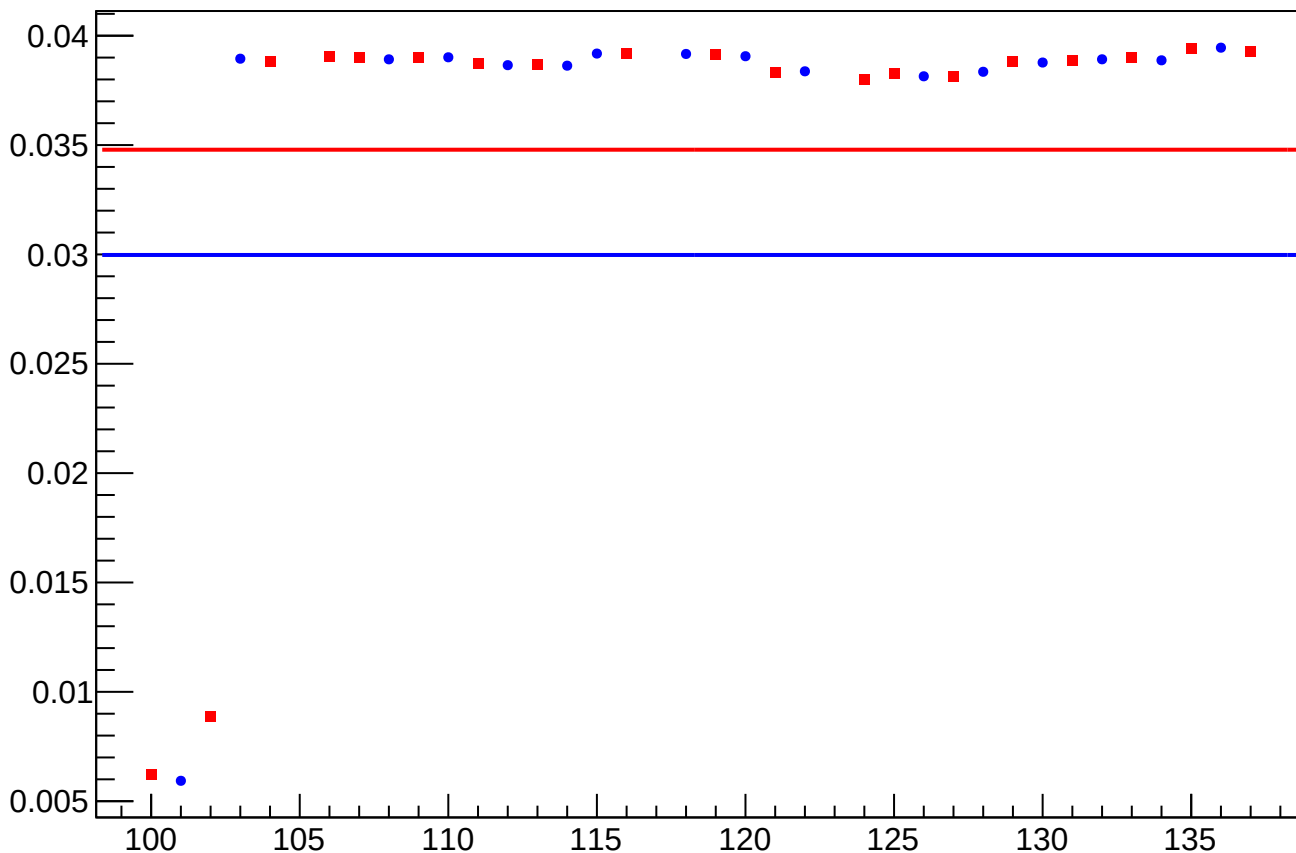
Right: 0.000+/-0.000 χ^2/NDF : 7977614.8/34

In: 0.000+/-0.000 χ^2/NDF : 581428.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7977614.8/34

yield_atr1_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000

χ^2/NDF : 108275706275.7/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.032+/-0.000

χ^2/NDF : 161037517780.6/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.030+/-0.000

χ^2/NDF : 108275706275.7/15

Right Out: 0.035+/-0.000

χ^2/NDF : 47263545471.6/18

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

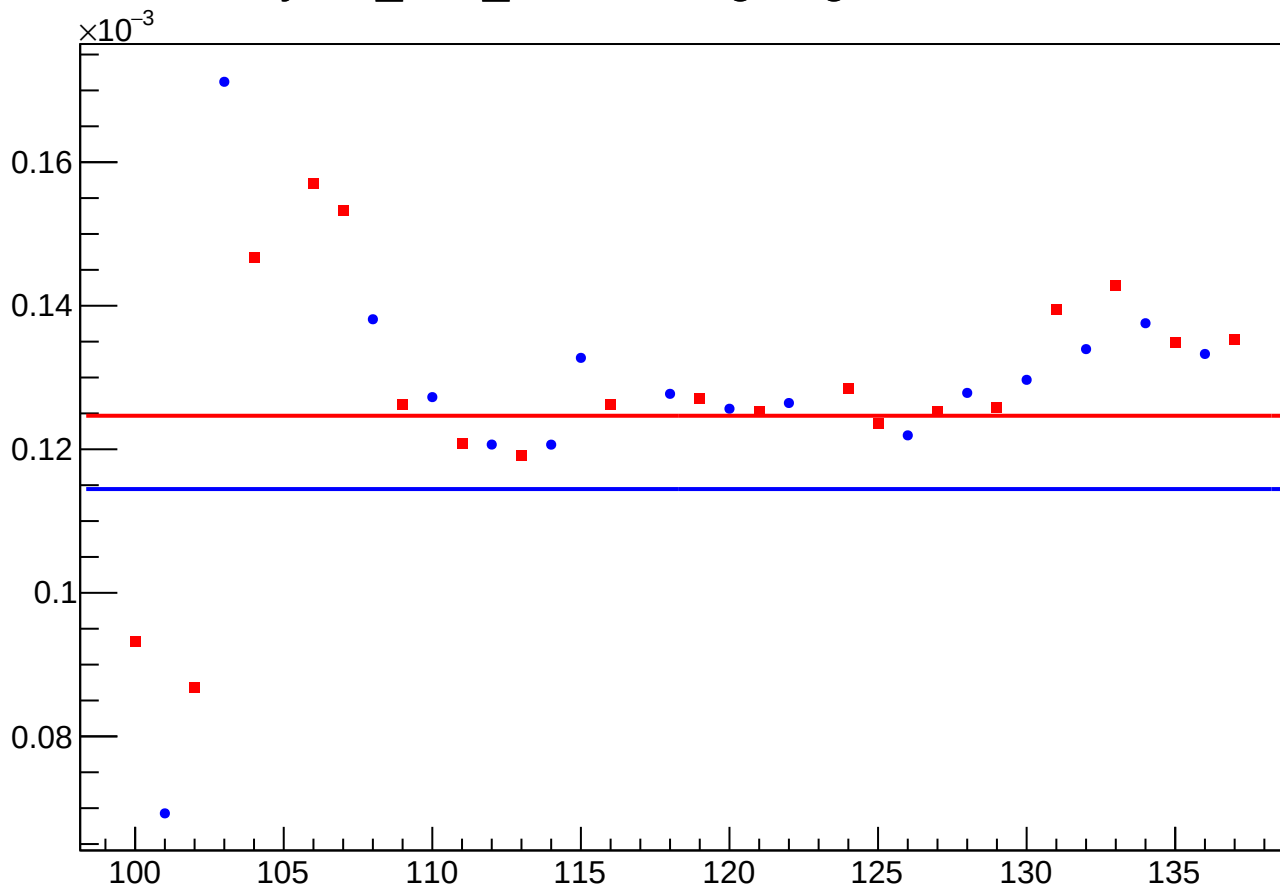
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.032+/-0.000

χ^2/NDF : 161037517780.6

yield_atr1_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 853142.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 260393.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

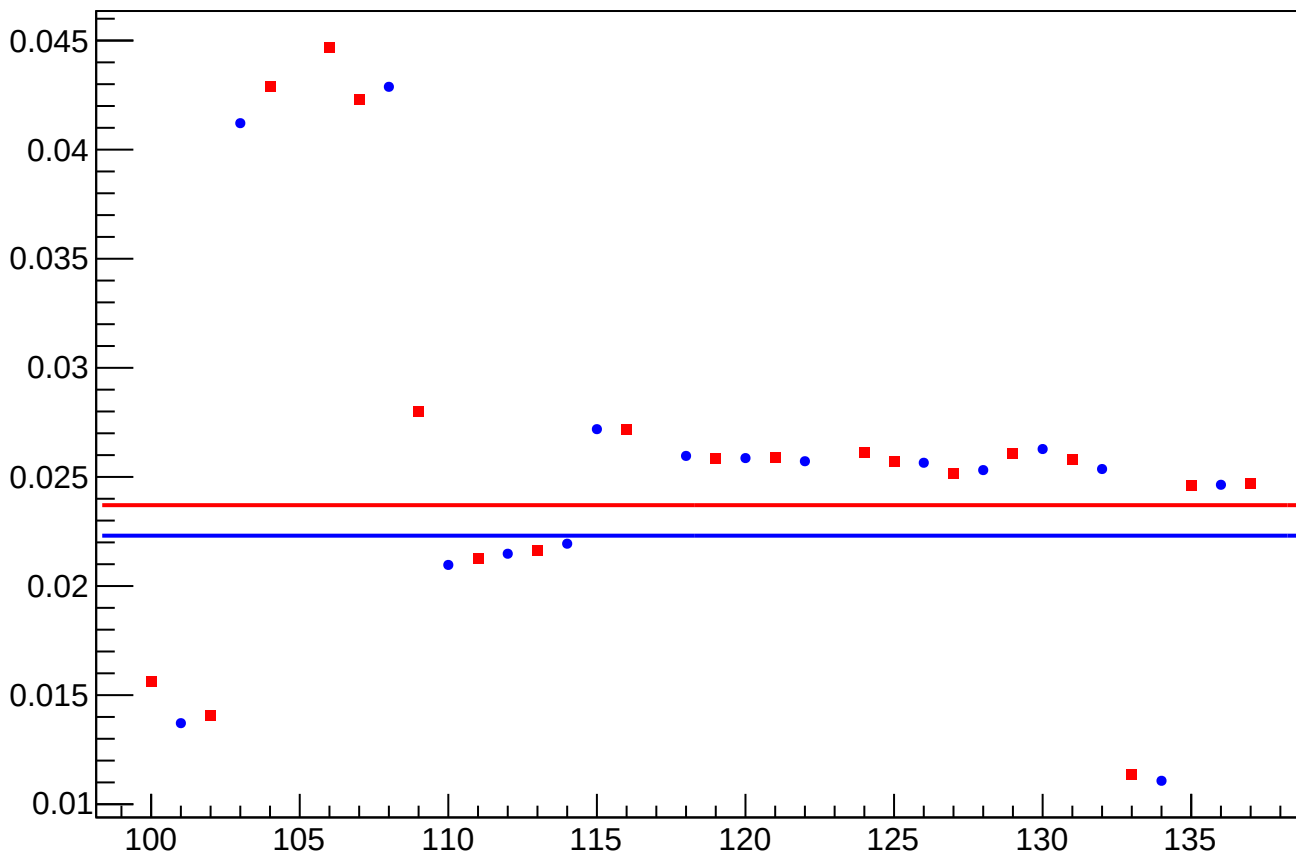
Right: 0.000+/-0.000 χ^2/NDF : 1163063.5/34

In: 0.000+/-0.000 χ^2/NDF :853142.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1163063.5/34

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 5012486114.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000

χ^2/NDF : 5581865088.7/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 10685664717.3/34

In: 0.022+/-0.000

χ^2/NDF : 5012486114.6/15

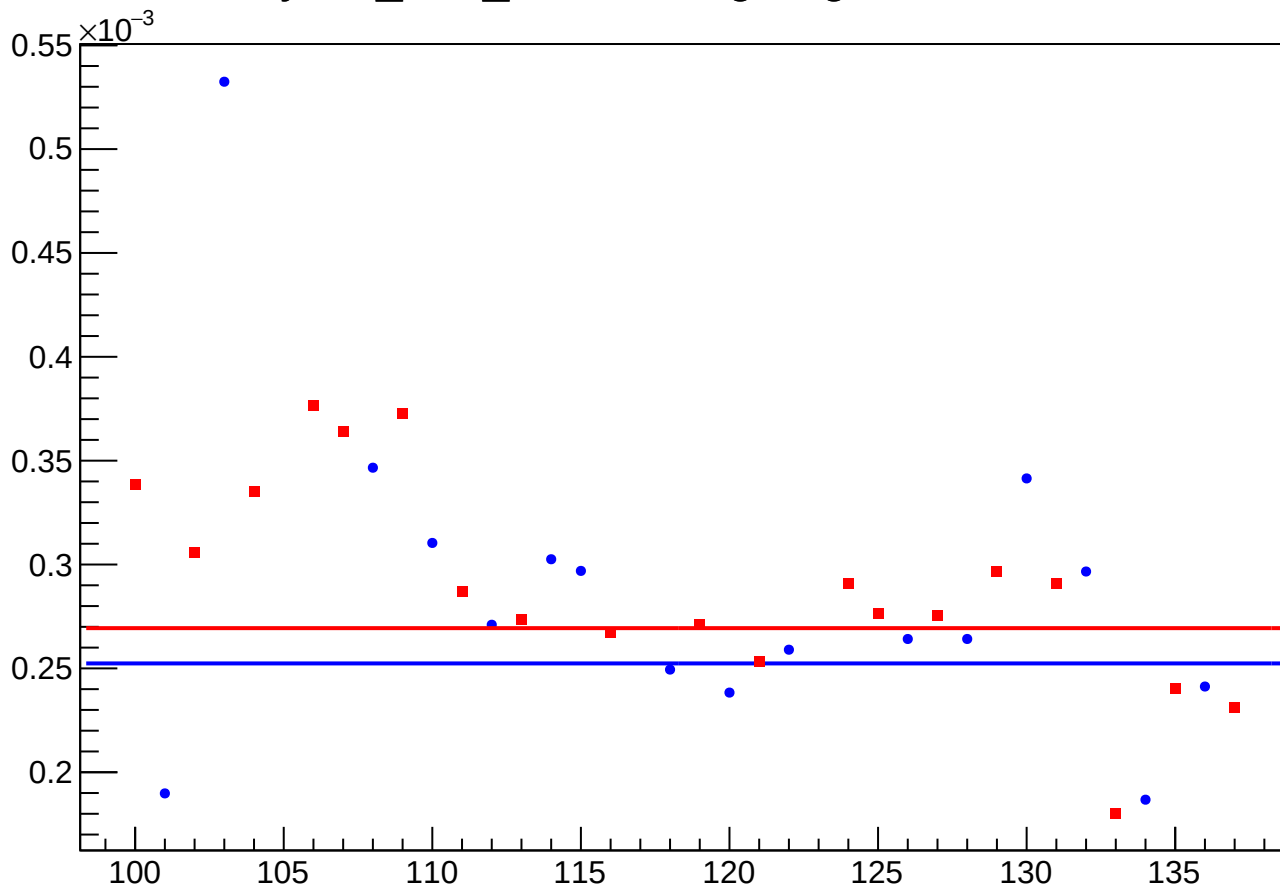
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 10685664717.3/34

yield_atr2_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 707863.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 446359.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

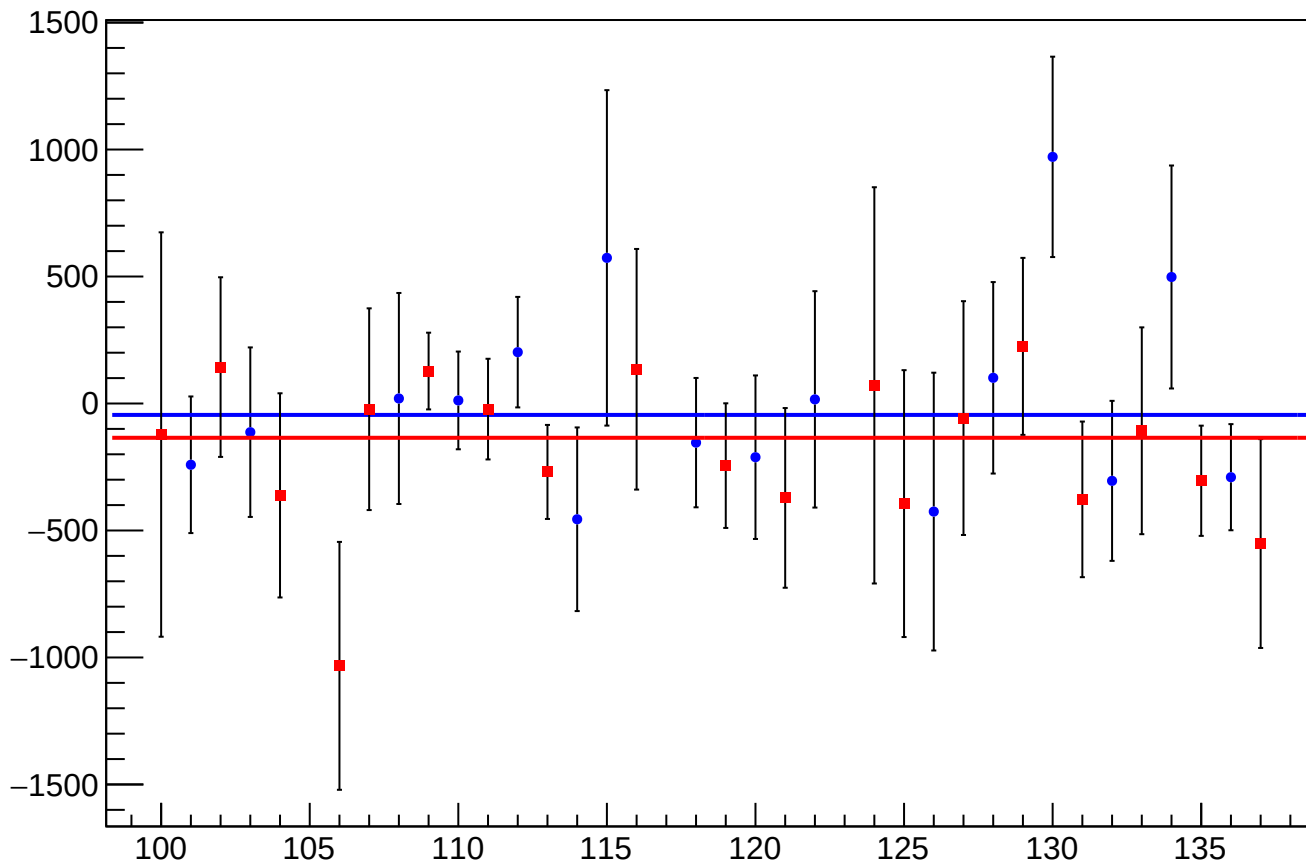
Right: 0.000+/-0.000 χ^2/NDF : 1181187.1/34

In: 0.000+/-0.000 χ^2/NDF : 707863.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1181187.1/34

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -44.917 $\pm$ 76.198 χ^2 /NDF: 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -134.996 $\pm$ 68.062 χ^2 /NDF: 12.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

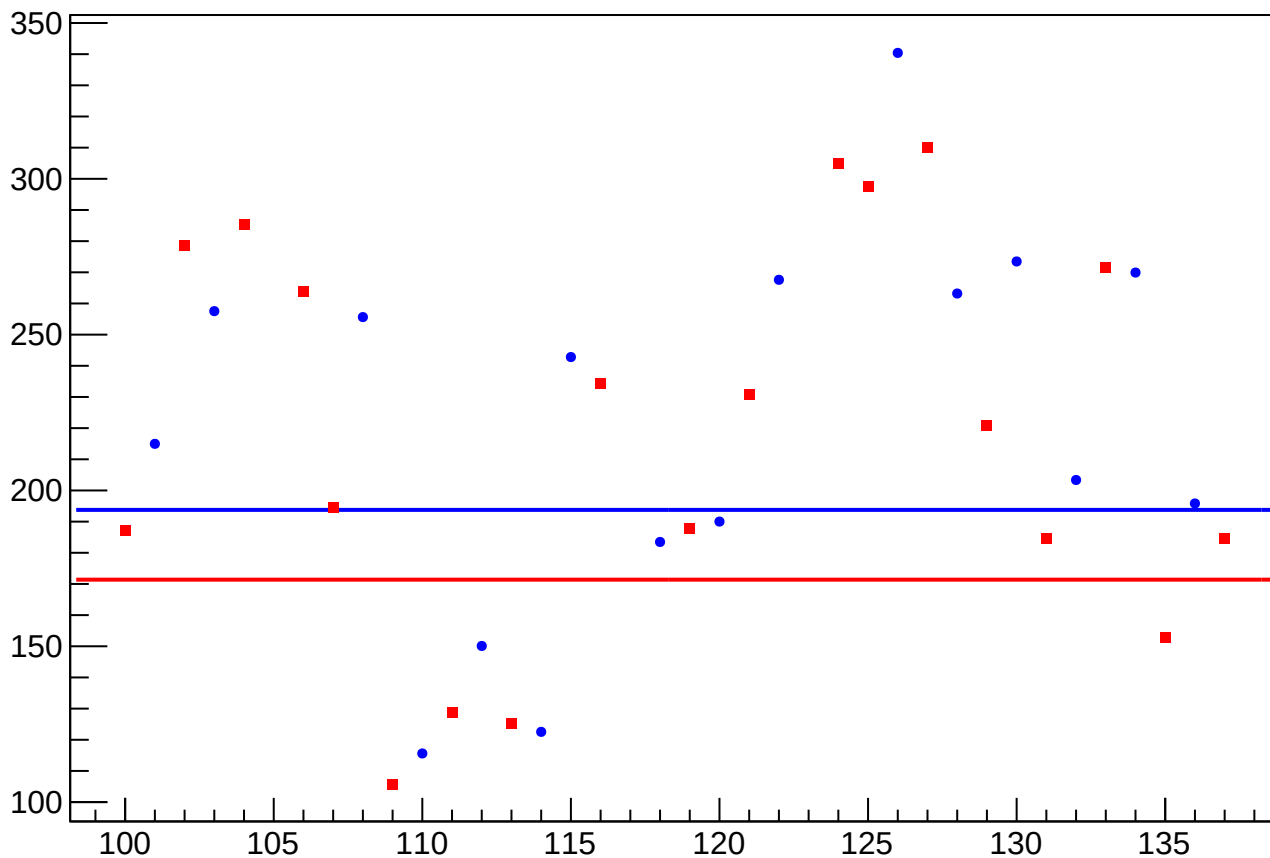
Right: -95.021 $\pm$ 50.761 χ^2 /NDF: 29.2/34

In: -44.917 $\pm$ 76.198 χ^2 /NDF:15.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -95.021 $\pm$ 50.761 χ^2 /NDF: 29.2/34

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.768+/-0.054 χ^2/NDF : 1048095.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.382+/-0.048 χ^2/NDF : 1658079.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

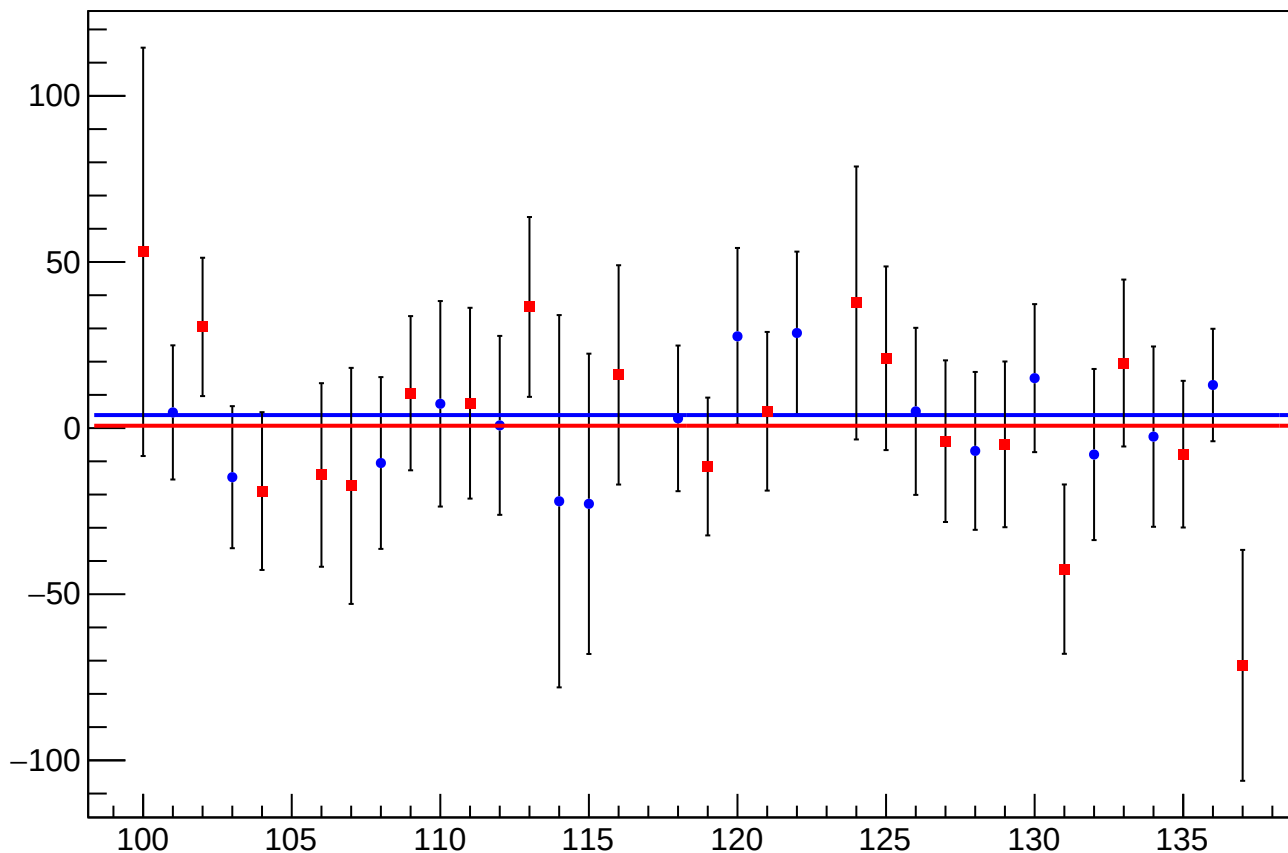
Right: 181.316+/-0.036 χ^2/NDF : 2802189.0/34

In: 193.768+/-0.054 χ^2/NDF : 1048095.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.316+/-0.036 χ^2/NDF : 2802189.0/34

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 3.923+/-6.172 χ^2/NDF : 4.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.714+/-6.077 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

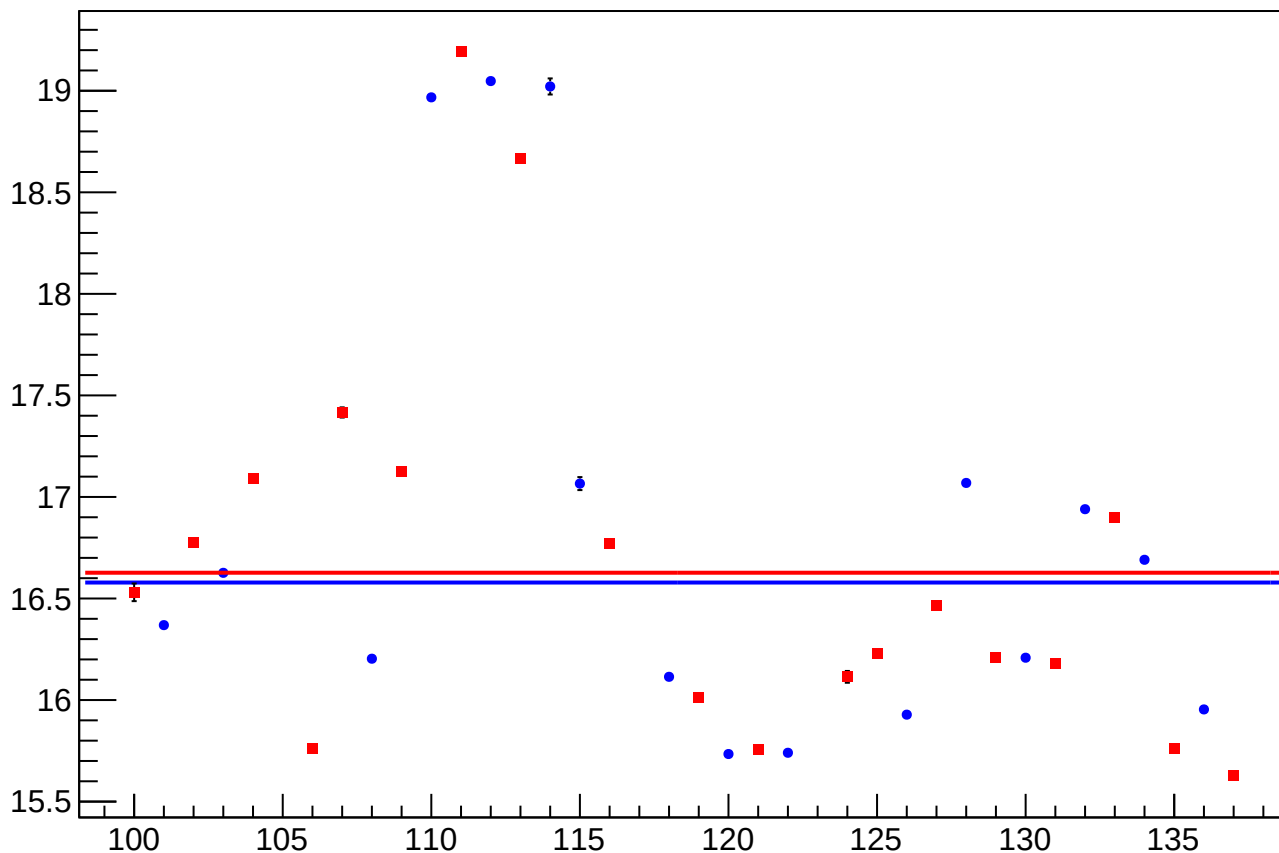
Right: 2.294+/-4.330 χ^2/NDF : 20.5/34

In: 3.923+/-6.172 χ^2/NDF : 4.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.294+/-4.330 χ^2/NDF : 20.5/34

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.579+/-0.004 χ^2/NDF : 44575.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.627+/-0.004 χ^2/NDF : 43461.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

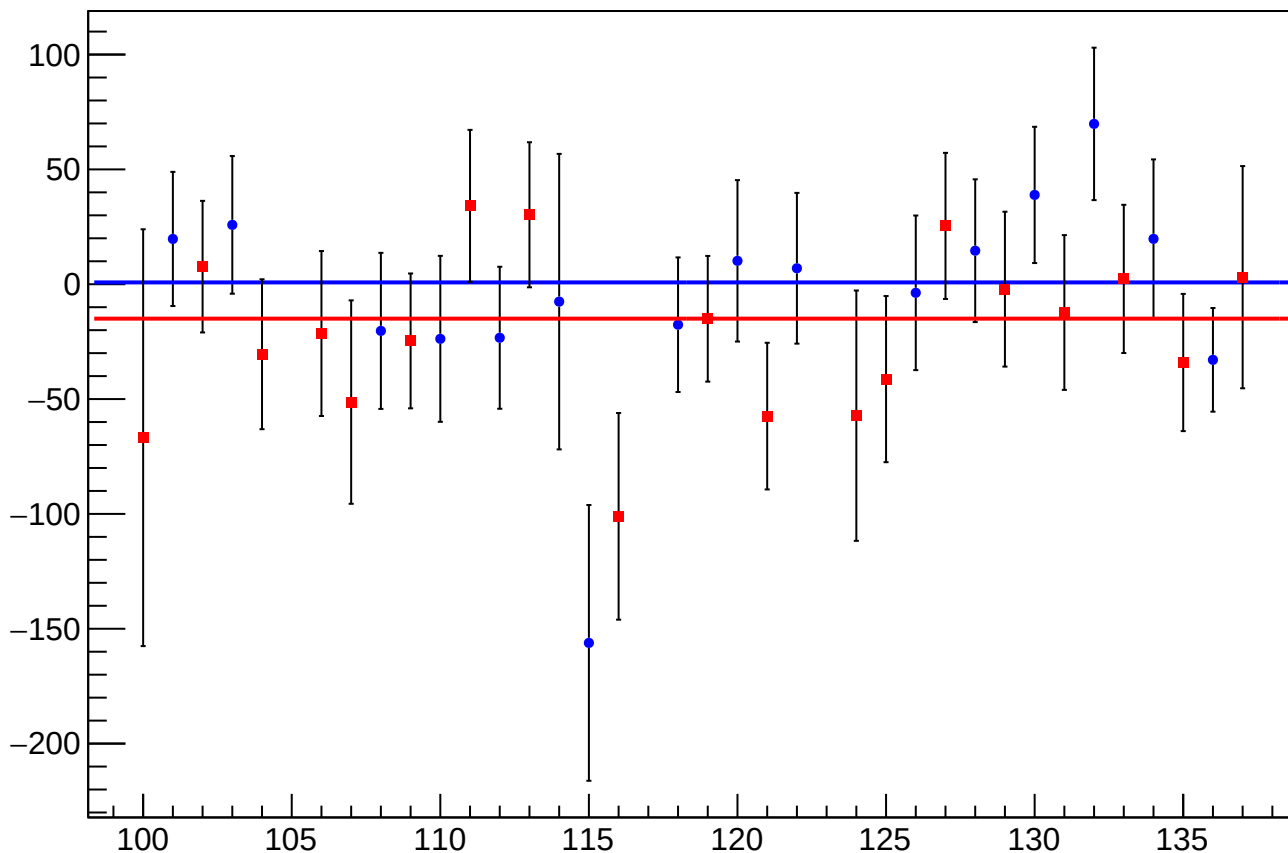
Right: 16.603+/-0.003 χ^2/NDF : 88099.6/34

In: 16.579+/-0.004 χ^2/NDF : 44575.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.603+/-0.003 χ^2/NDF : 88099.6/34

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.790 ± 8.125 χ^2/NDF : 18.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -14.981 ± 7.953 χ^2/NDF : 15.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

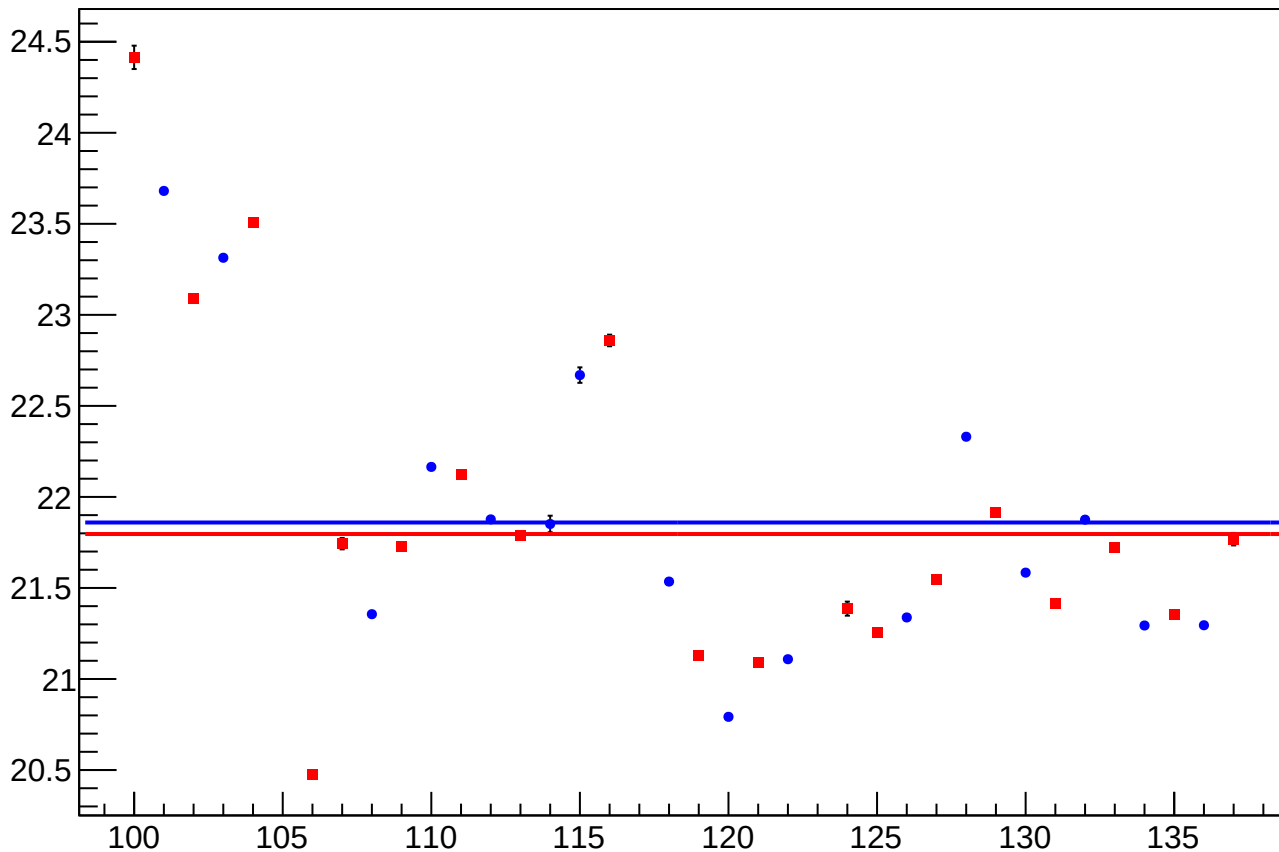
Right: -7.264 ± 5.683 χ^2/NDF : 36.0/34

In: 0.790 ± 8.125 χ^2/NDF : 18.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.264 ± 5.683 χ^2/NDF : 36.0/34

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.860 $\pm$ 0.006 χ^2 /NDF: 19468.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.796 $\pm$ 0.006 χ^2 /NDF: 18861.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

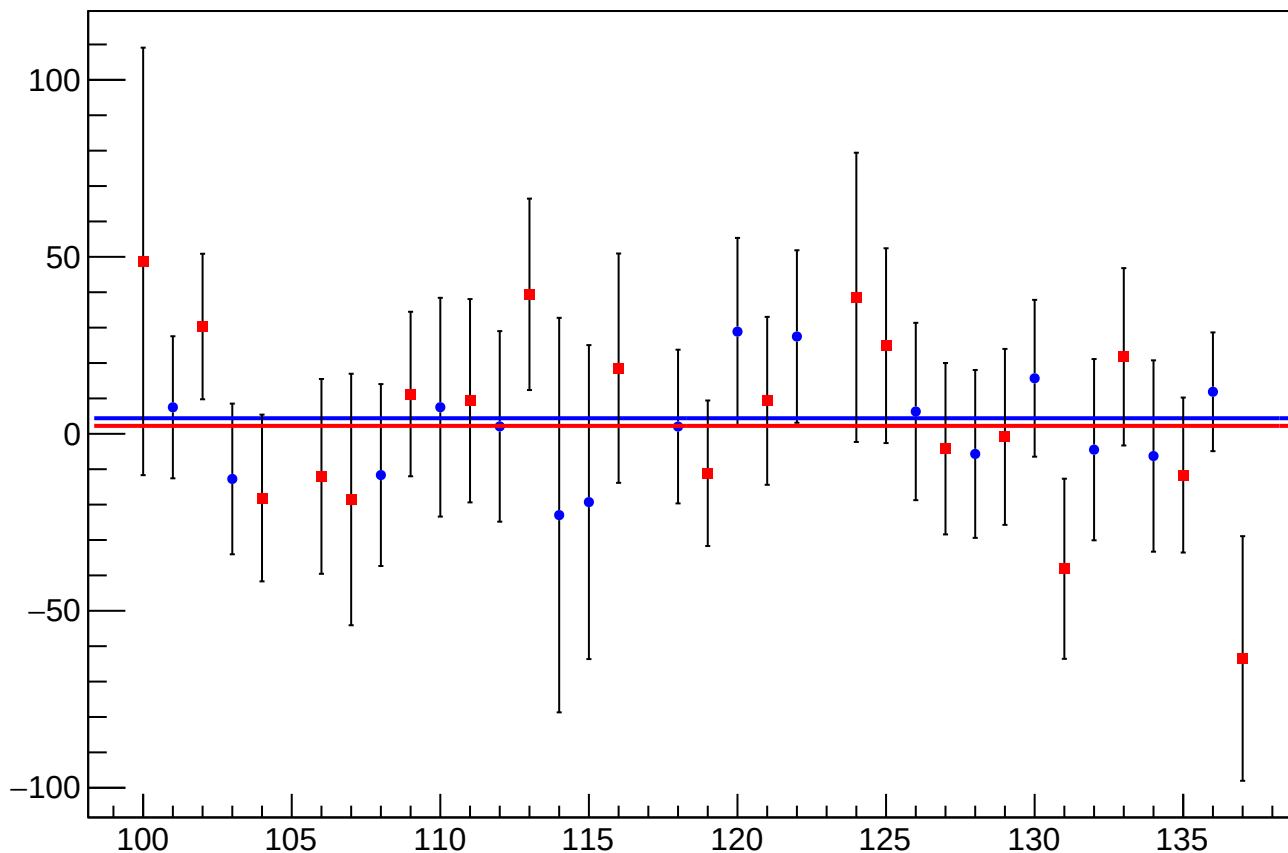
Right: 21.827 $\pm$ 0.004 χ^2 /NDF: 38391.5/34

In: 21.860 $\pm$ 0.006 χ^2 /NDF:19468.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.827 $\pm$ 0.004 χ^2 /NDF: 38391.5/34

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.404+/-6.137 χ^2/NDF : 4.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2.244+/-6.042 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

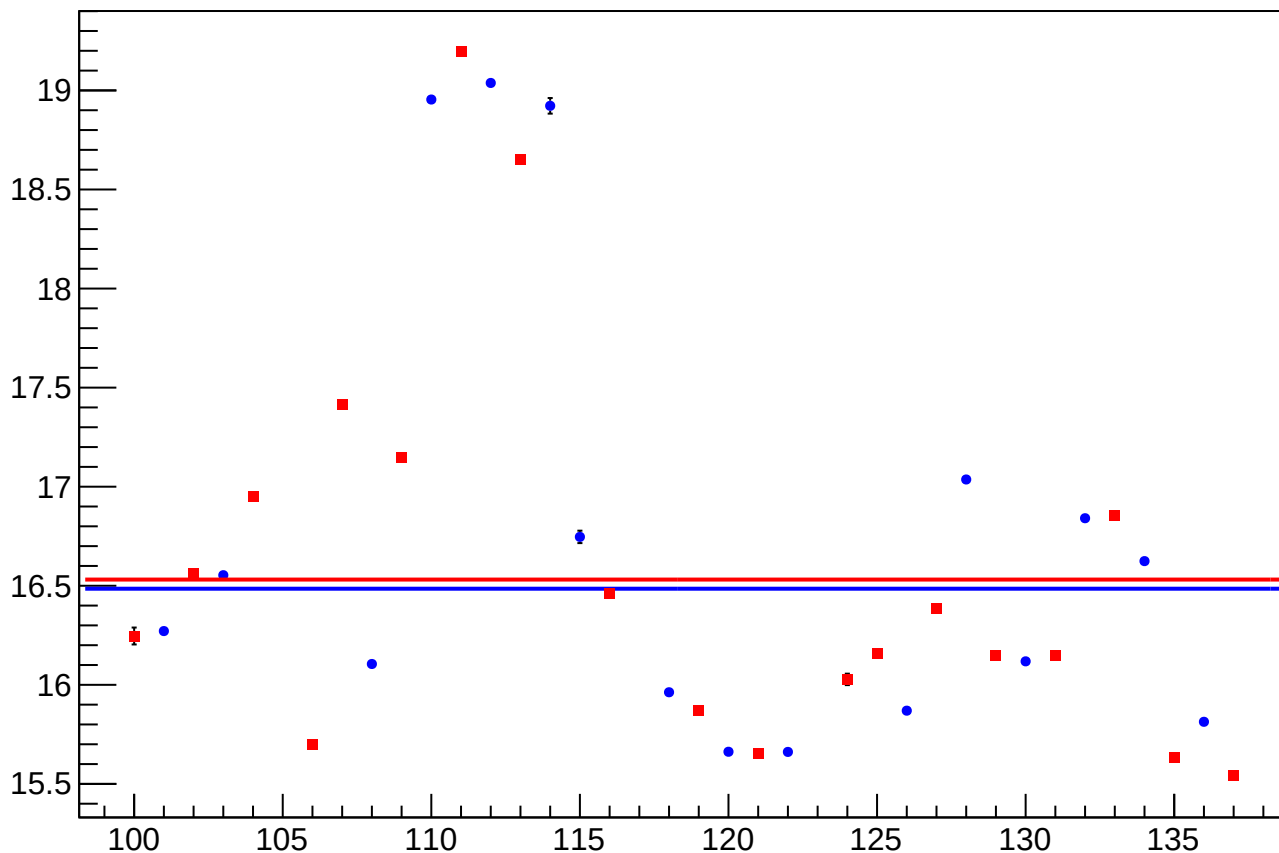
Right: 3.307+/-4.306 χ^2/NDF : 19.7/34

In: 4.404+/-6.137 χ^2/NDF :4.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.307+/-4.306 χ^2/NDF : 19.7/34

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 16.485+/-0.004 χ^2/NDF : 47186.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 16.531+/-0.004 χ^2/NDF : 46474.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

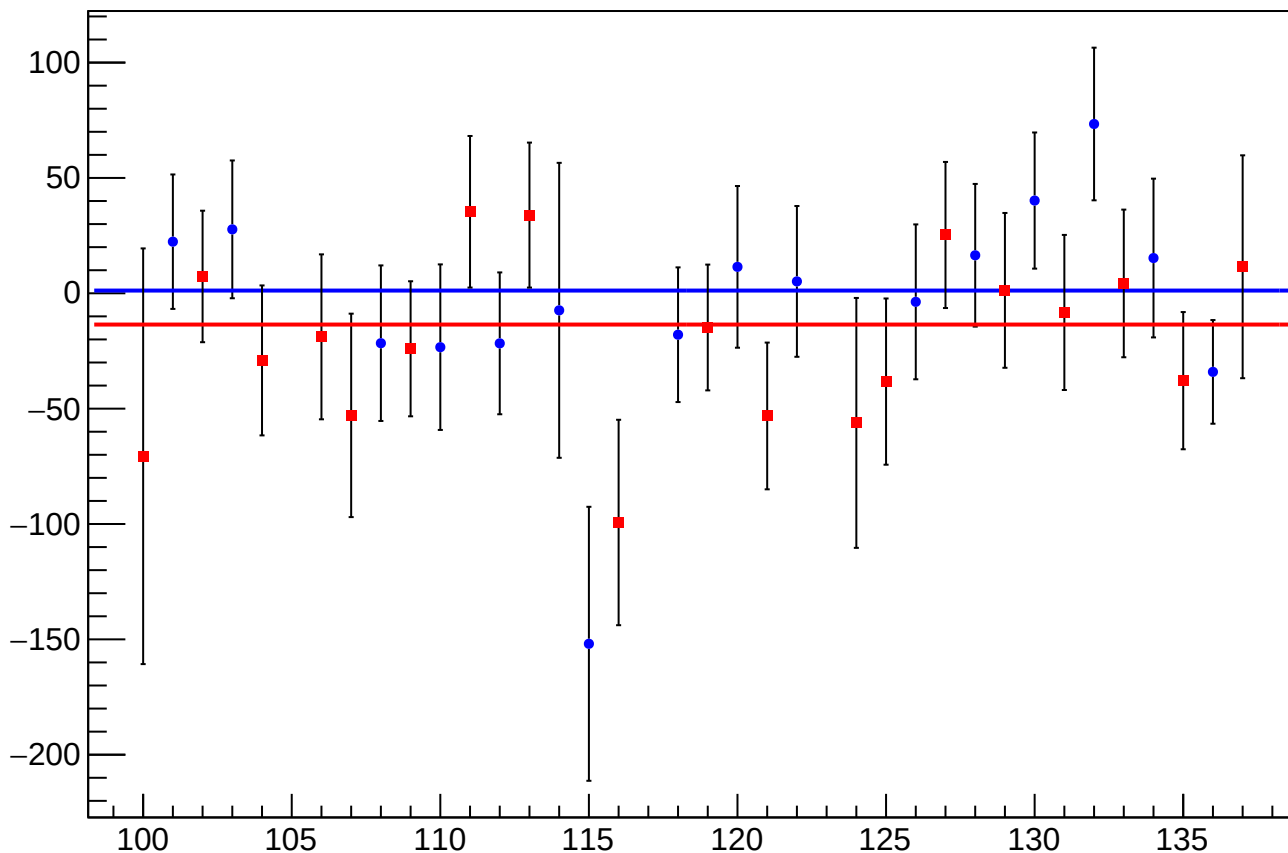
Right: 16.509+/-0.003 χ^2/NDF : 93717.6/34

In: 16.485+/-0.004 χ^2/NDF :47186.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.509+/-0.003 χ^2/NDF : 93717.6/34

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.185+/-8.088 χ^2/NDF : 19.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.549+/-7.915 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

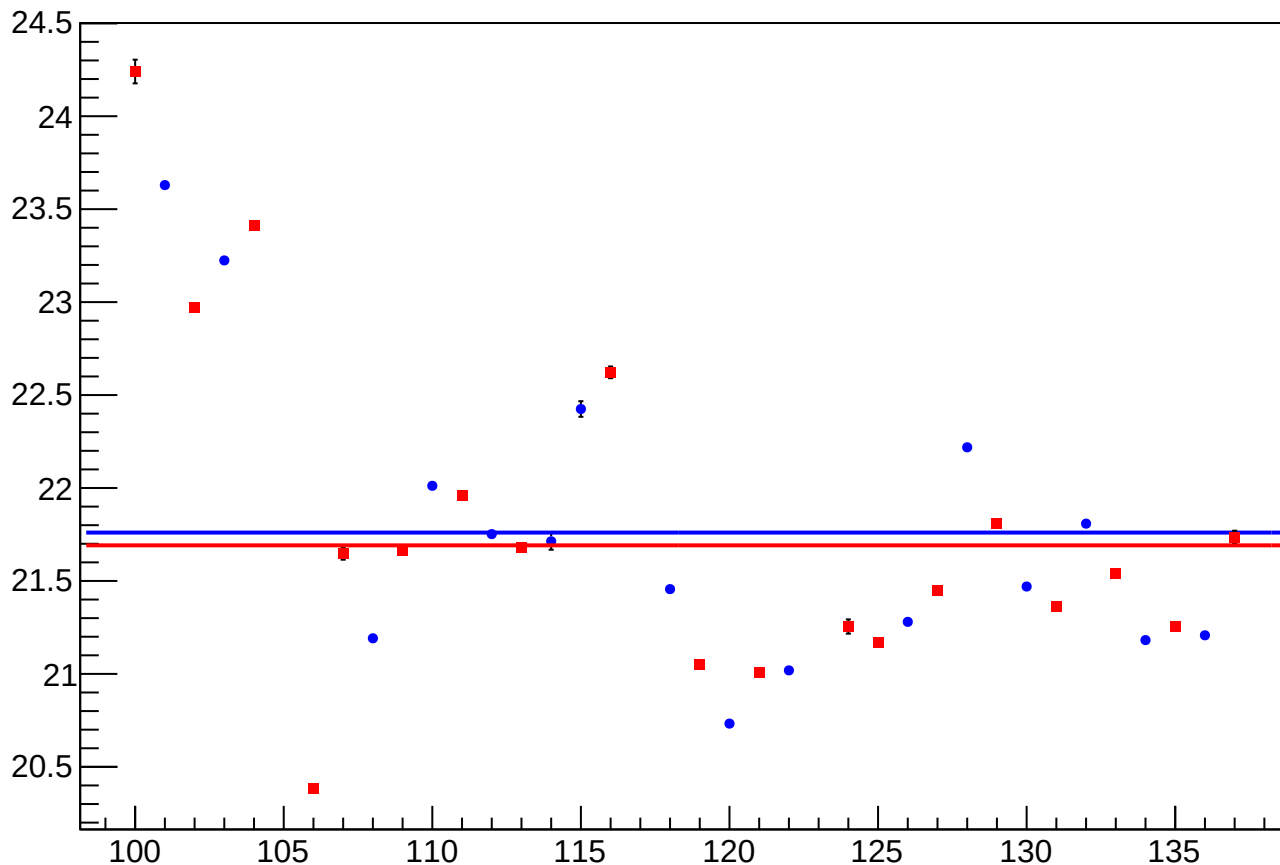
Right: -6.341+/-5.657 χ^2/NDF : 37.0/34

In: 1.185+/-8.088 χ^2/NDF : 19.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.341+/-5.657 χ^2/NDF : 37.0/34

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.760+/-0.006 χ^2/NDF : 19745.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.692+/-0.006 χ^2/NDF : 18330.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

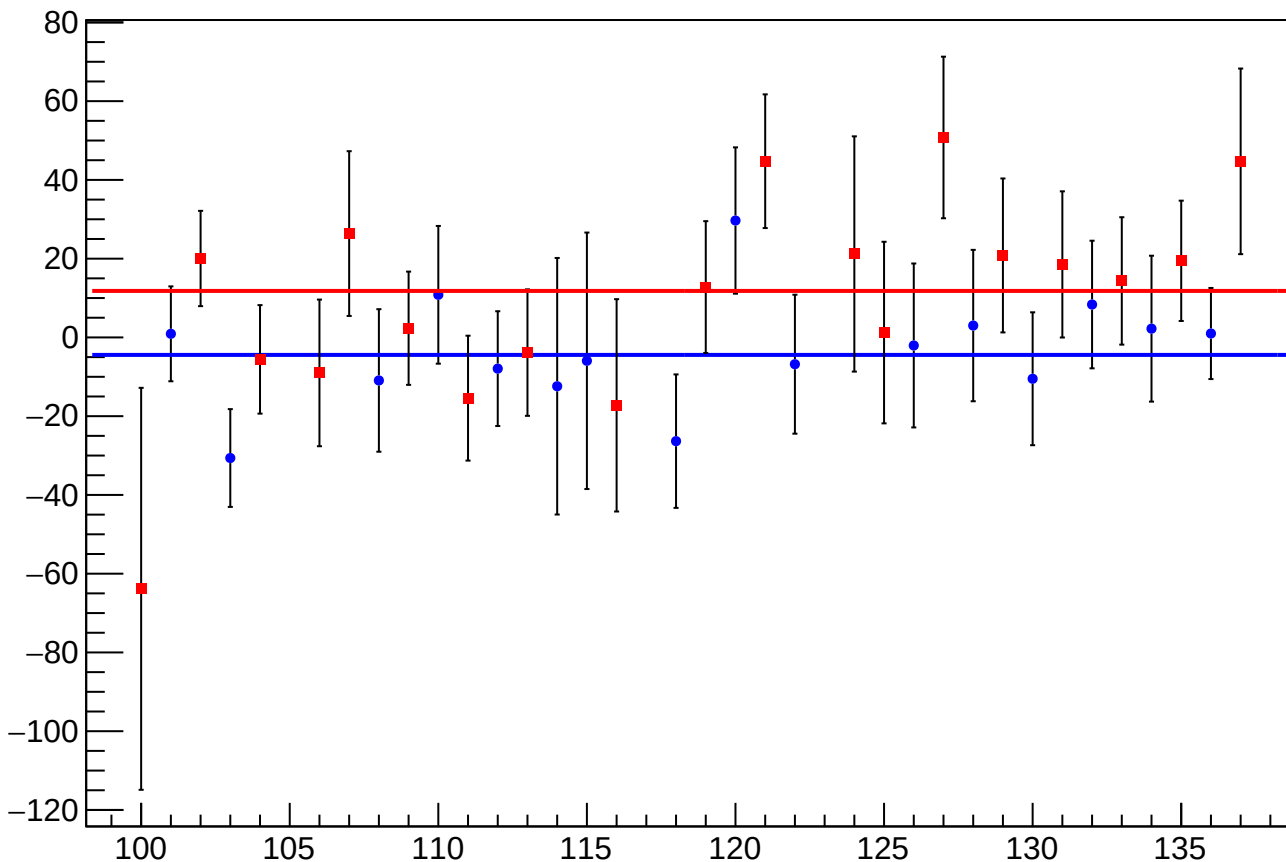
Right: 21.725+/-0.004 χ^2/NDF : 38150.0/34

In: 21.760+/-0.006 χ^2/NDF : 19745.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.725+/-0.004 χ^2/NDF : 38150.0/34

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -4.440 ± 4.131 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.807 ± 4.097 χ^2/NDF : 21.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

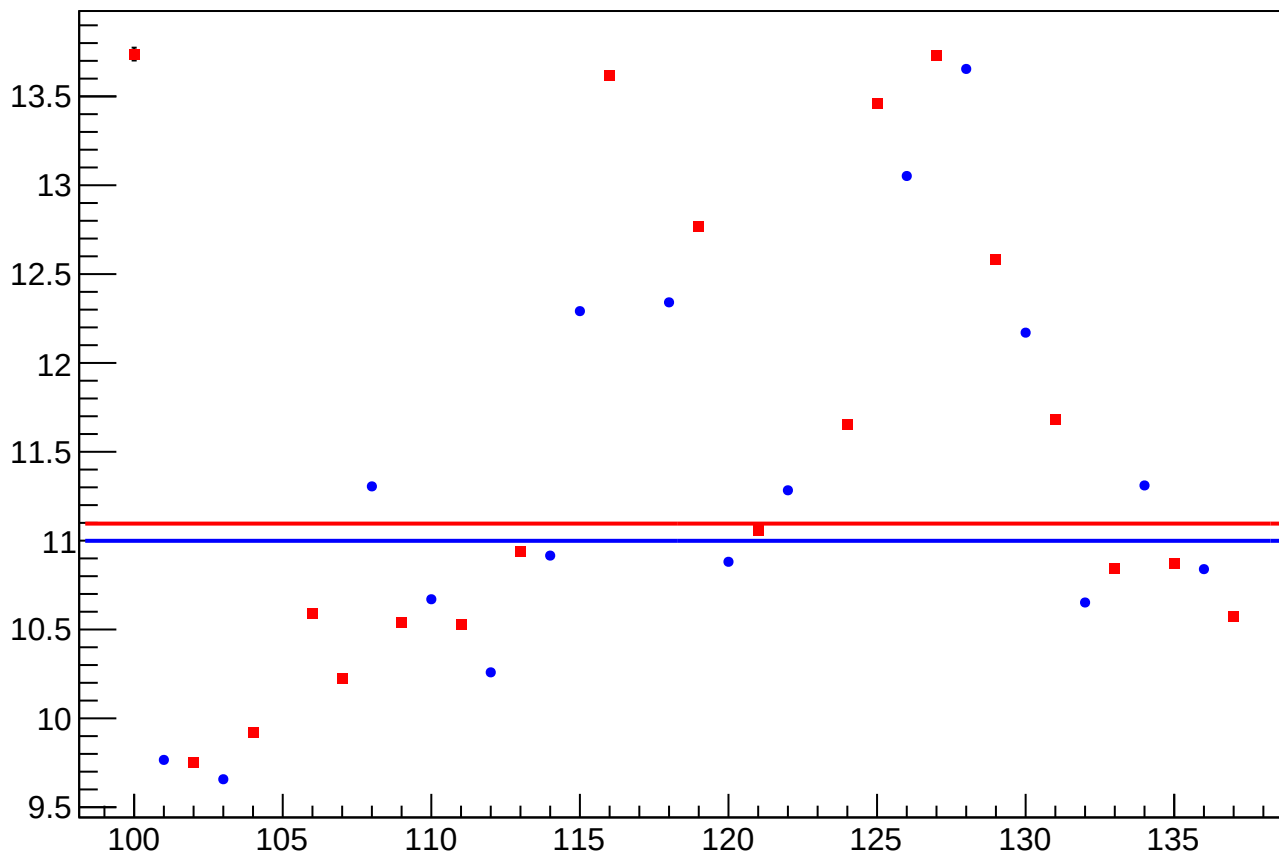
Right: 3.749 ± 2.909 χ^2/NDF : 41.5/34

In: -4.440 ± 4.131 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.749 ± 2.909 χ^2/NDF : 41.5/34

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.999+/-0.003 χ^2/NDF : 136159.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.096+/-0.003 χ^2/NDF : 162908.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

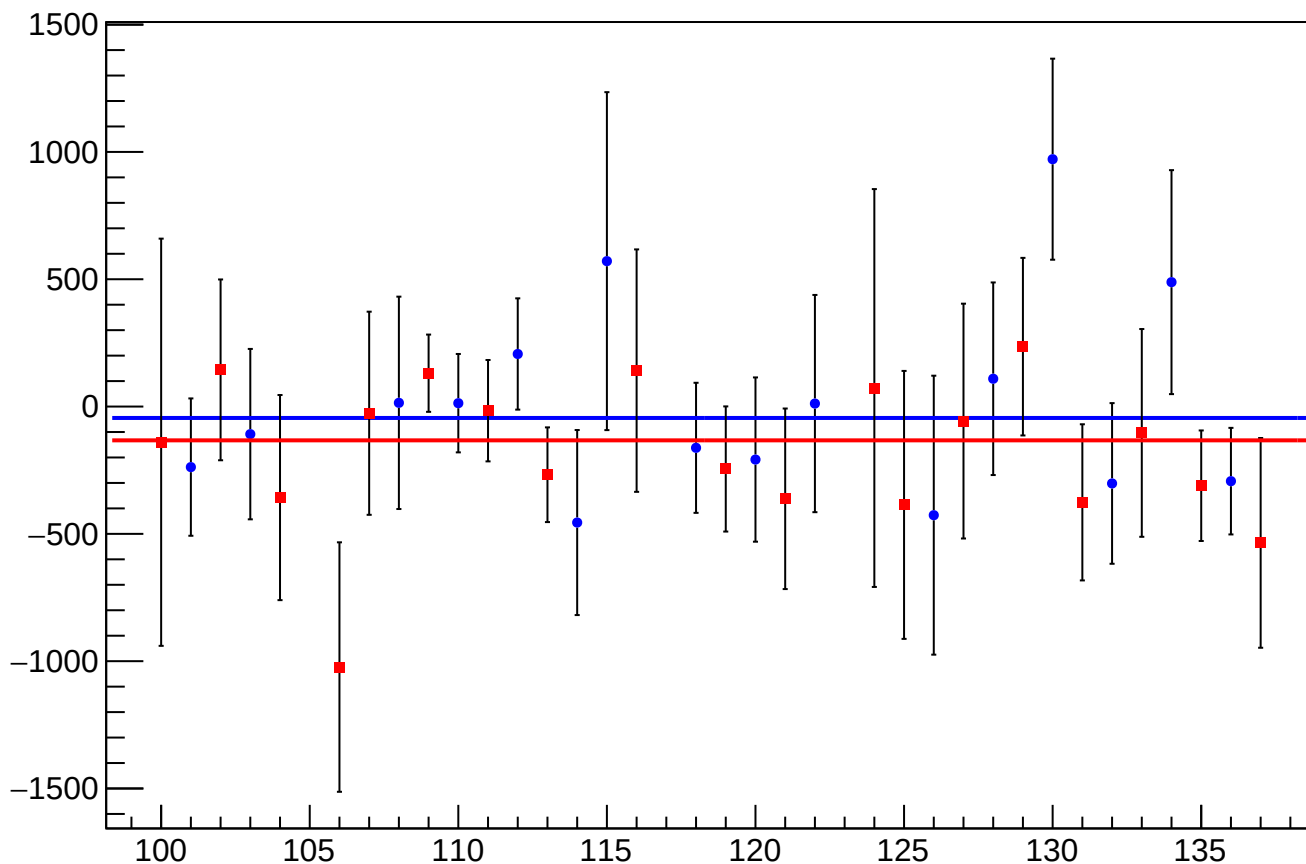
Right: 11.048+/-0.002 χ^2/NDF : 299622.8/34

In: 10.999+/-0.003 χ^2/NDF : 136159.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.048+/-0.002 χ^2/NDF : 299622.8/34

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug, Sign Corrected



Right In: -44.797 $\pm$ 76.424 χ^2 /NDF: 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -132.730 $\pm$ 68.270 χ^2 /NDF: 12.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

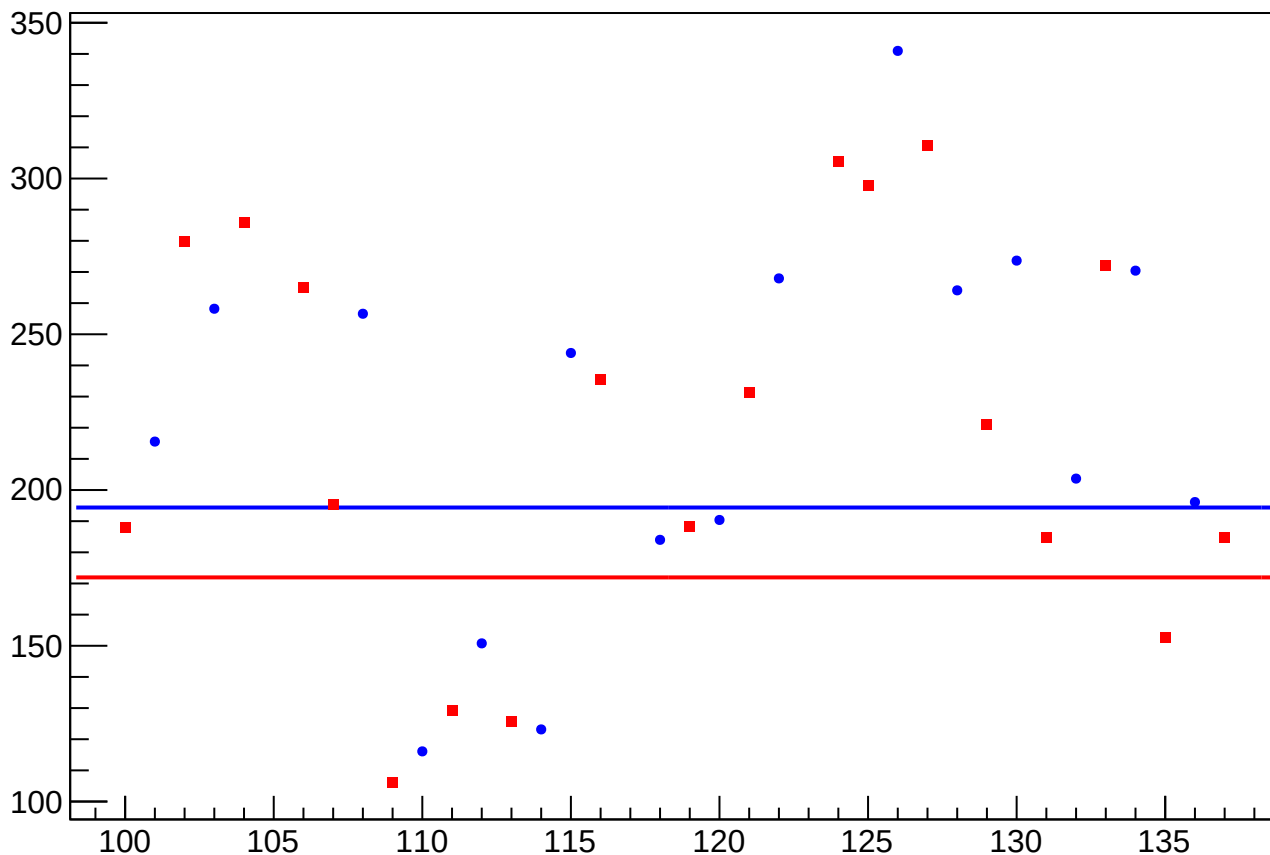
Right: -93.703 $\pm$ 50.914 χ^2 /NDF: 29.0/34

In: -44.797 $\pm$ 76.424 χ^2 /NDF:15.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.703 $\pm$ 50.914 χ^2 /NDF: 29.0/34

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.385+/-0.054 χ^2/NDF : 1042024.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.949+/-0.048 χ^2/NDF : 1651343.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

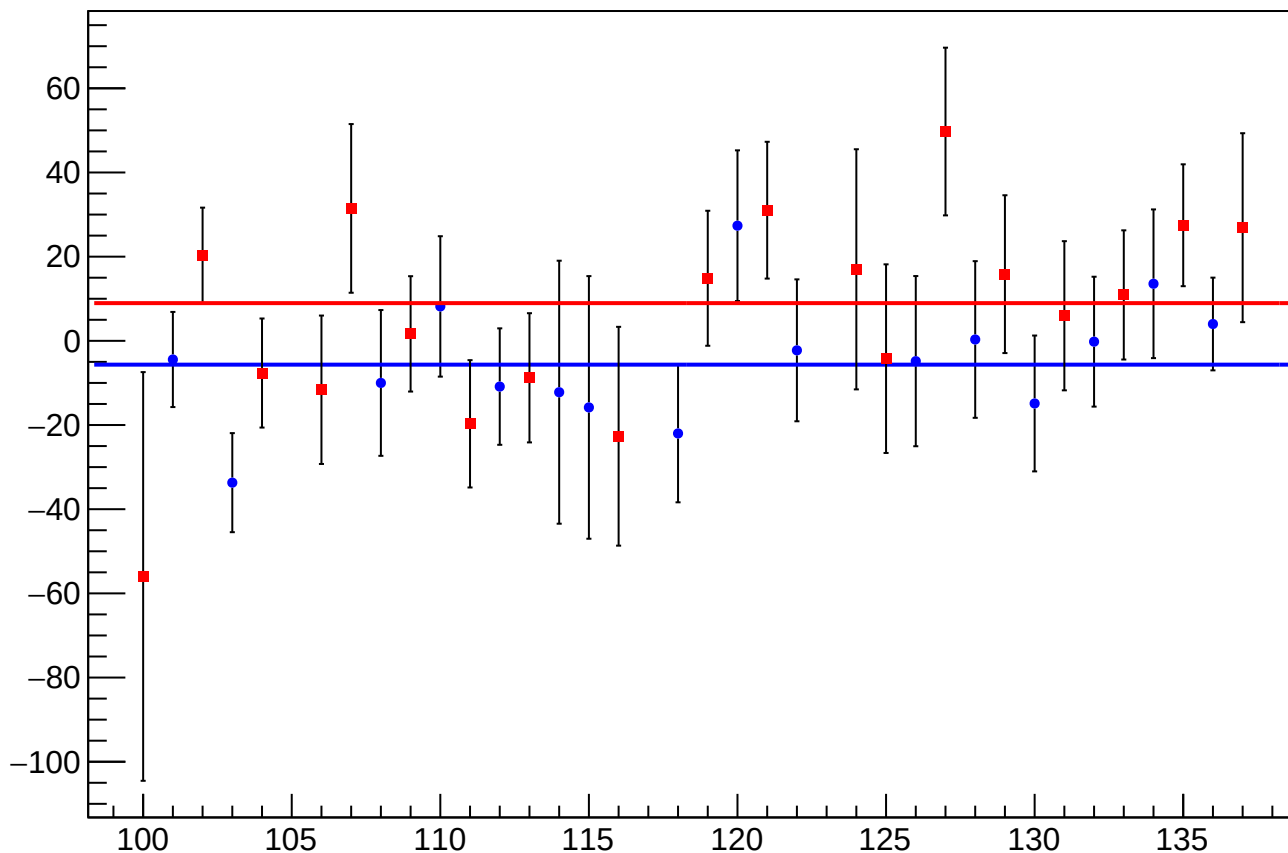
Right: 181.907+/-0.036 χ^2/NDF : 2789239.1/34

In: 194.385+/-0.054 χ^2/NDF : 1042024.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.907+/-0.036 χ^2/NDF : 2789239.1/34

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug, Sign Corrected



Right In: -5.657 $\pm$ 3.939 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.960 $\pm$ 3.901 χ^2 /NDF: 22.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

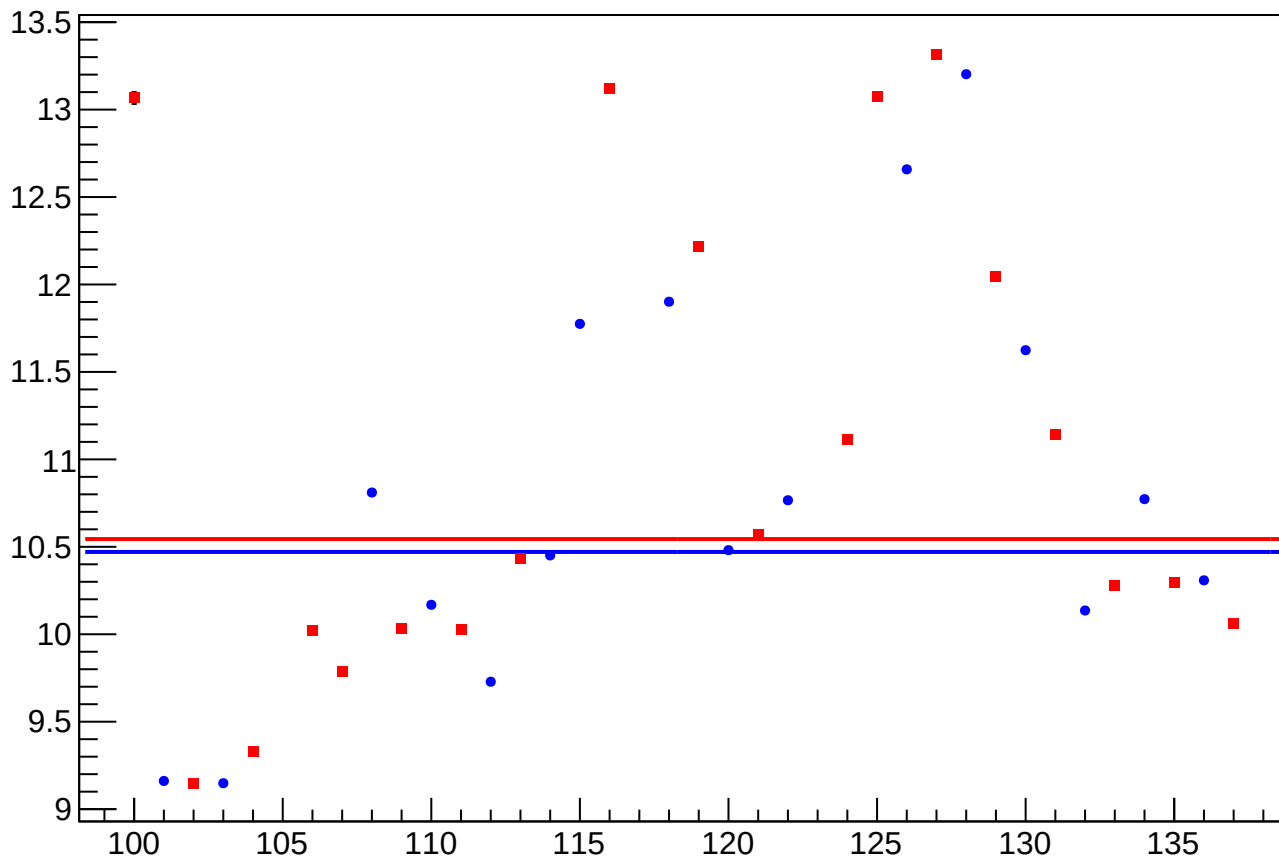
Right: 1.723 $\pm$ 2.772 χ^2 /NDF: 43.4/34

In: -5.657 $\pm$ 3.939 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.723 $\pm$ 2.772 χ^2 /NDF: 43.4/34

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug, Sign Corrected



Right In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.544+/-0.003 χ^2/NDF : 186780.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

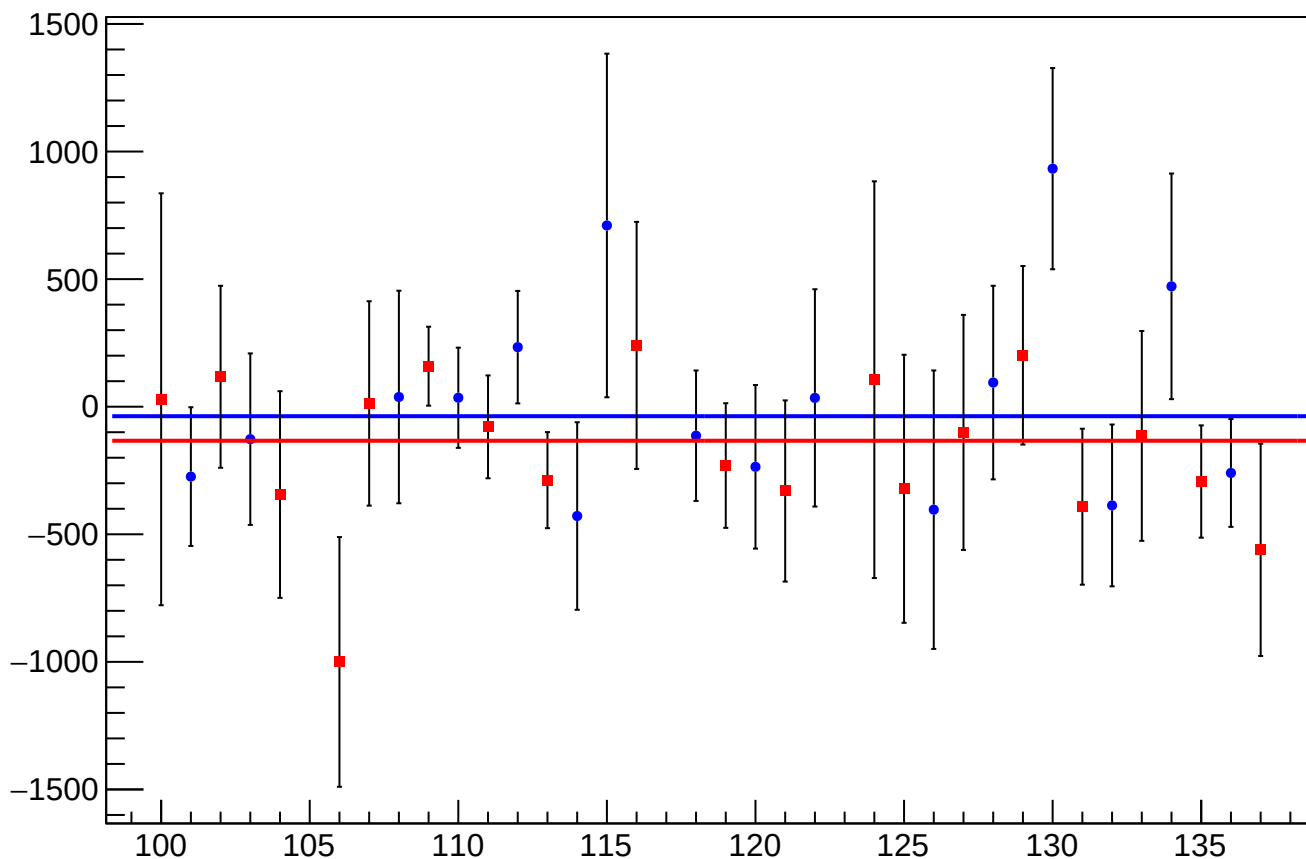
Right: 10.508+/-0.002 χ^2/NDF : 344500.1/34

In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.508+/-0.002 χ^2/NDF : 344500.1/34

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -37.241+/-76.915 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -133.386+/-68.885 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

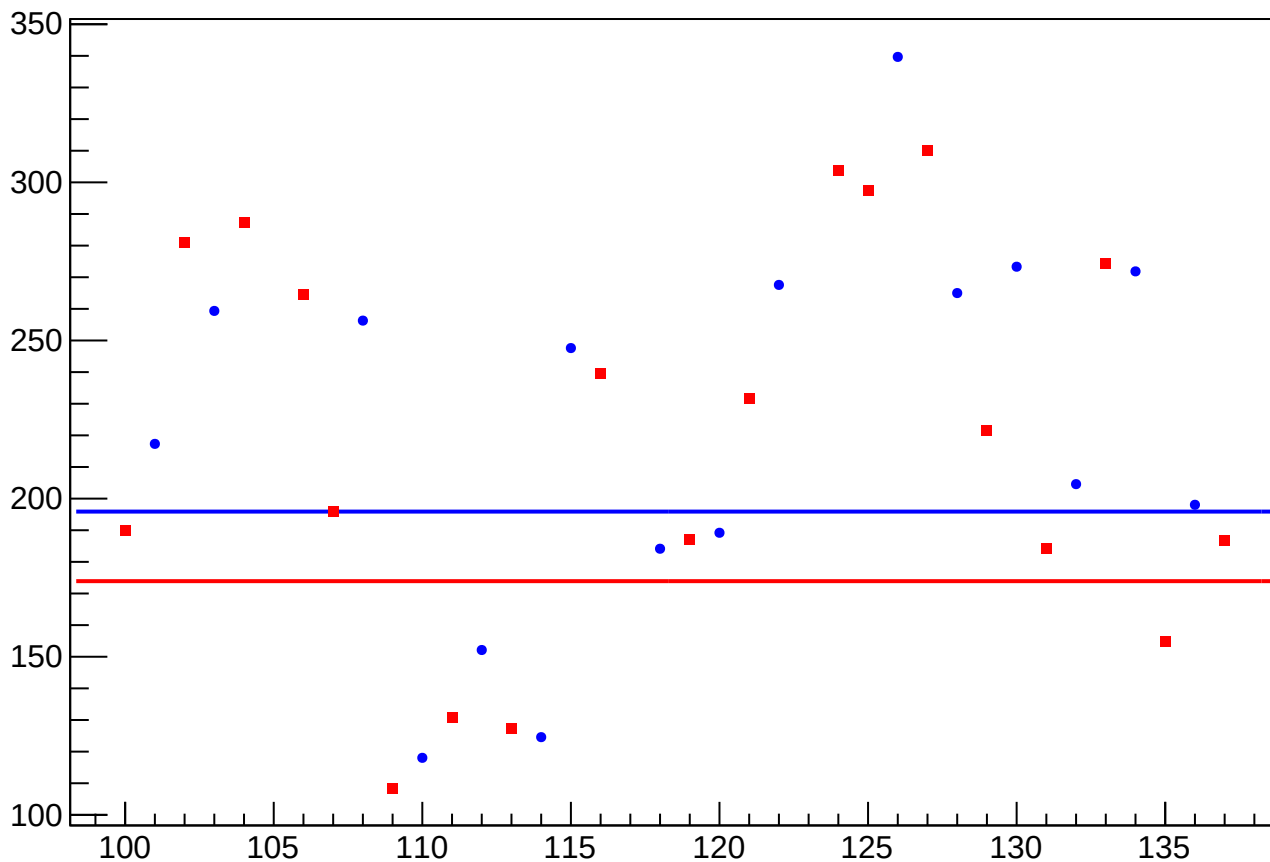
Right: -90.593+/-51.314 χ^2/NDF : 29.4/34

In: -37.241+/-76.915 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.593+/-51.314 χ^2/NDF : 29.4/34

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.900+/-0.054 χ^2/NDF : 1011012.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.901+/-0.049 χ^2/NDF : 1599608.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

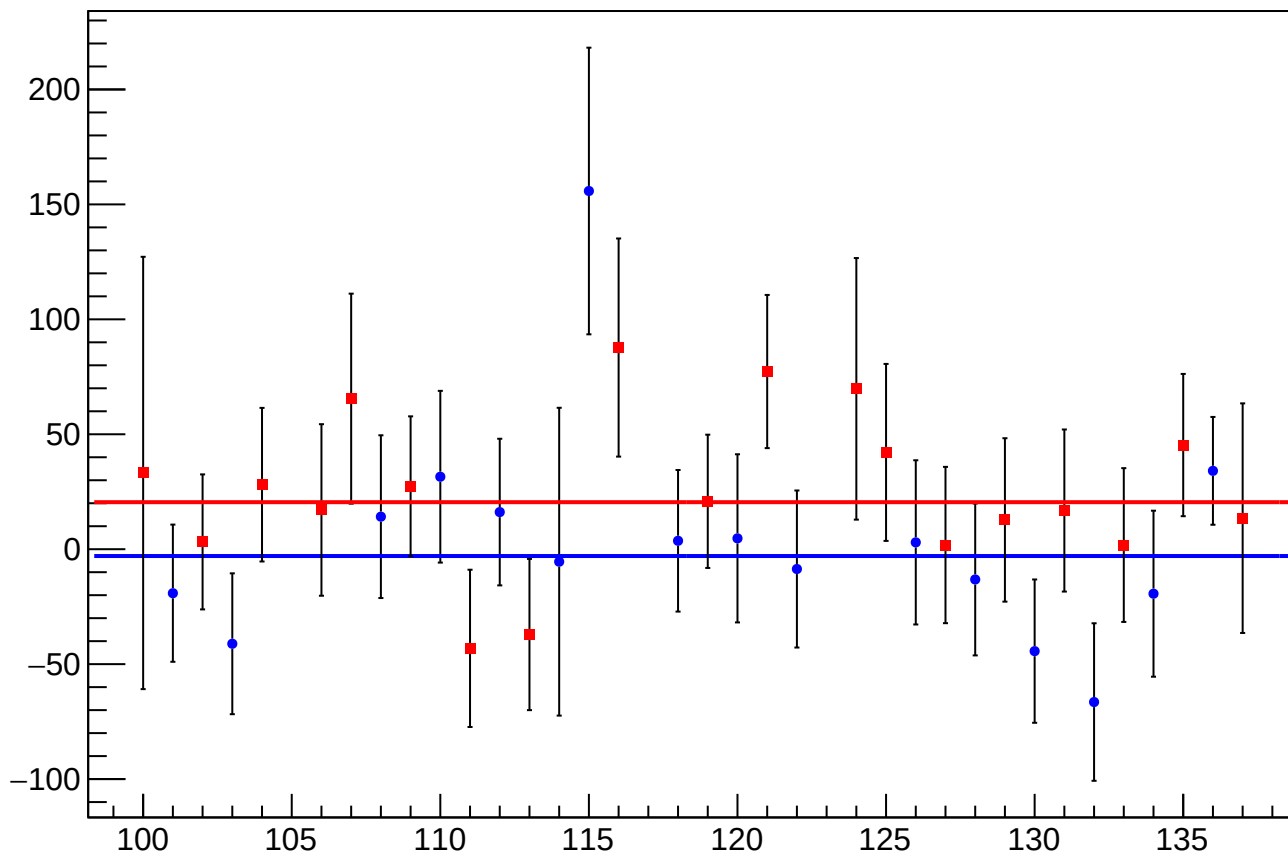
Right: 183.693+/-0.036 χ^2/NDF : 2701402.5/34

In: 195.900+/-0.054 χ^2/NDF : 1011012.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.693+/-0.036 χ^2/NDF : 2701402.5/34

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -2.967+/-8.454 χ^2/NDF : 17.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.457+/-8.292 χ^2/NDF : 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

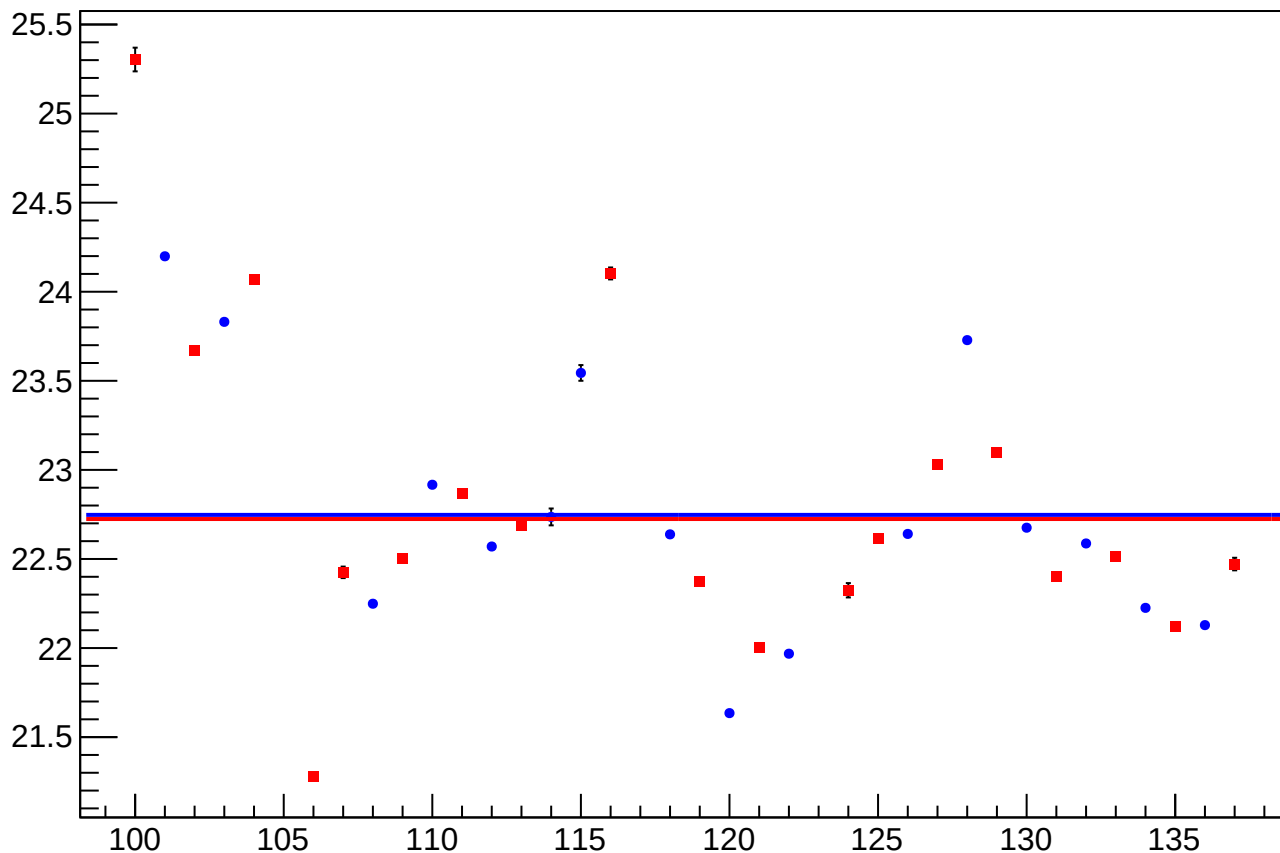
Right: 8.972+/-5.920 χ^2/NDF : 37.1/34

In: -2.967+/-8.454 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.972+/-5.920 χ^2/NDF : 37.1/34

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.747+/-0.006 χ^2/NDF : 14622.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.724+/-0.006 χ^2/NDF : 14490.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

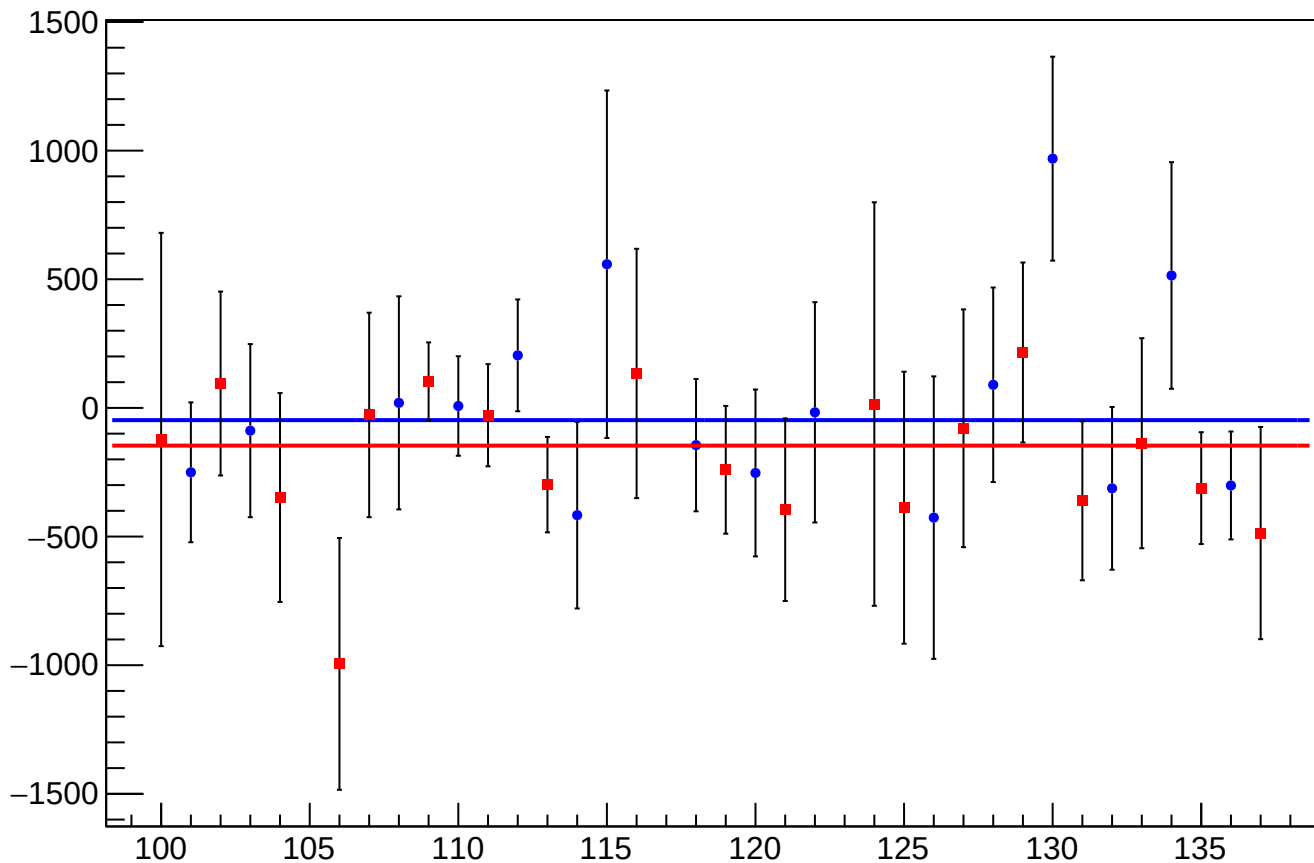
Right: 22.736+/-0.004 χ^2/NDF : 29121.1/34

In: 22.747+/-0.006 χ^2/NDF :14622.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.736+/-0.004 χ^2/NDF : 29121.1/34

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -47.523+/-76.571 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -146.573+/-68.398 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

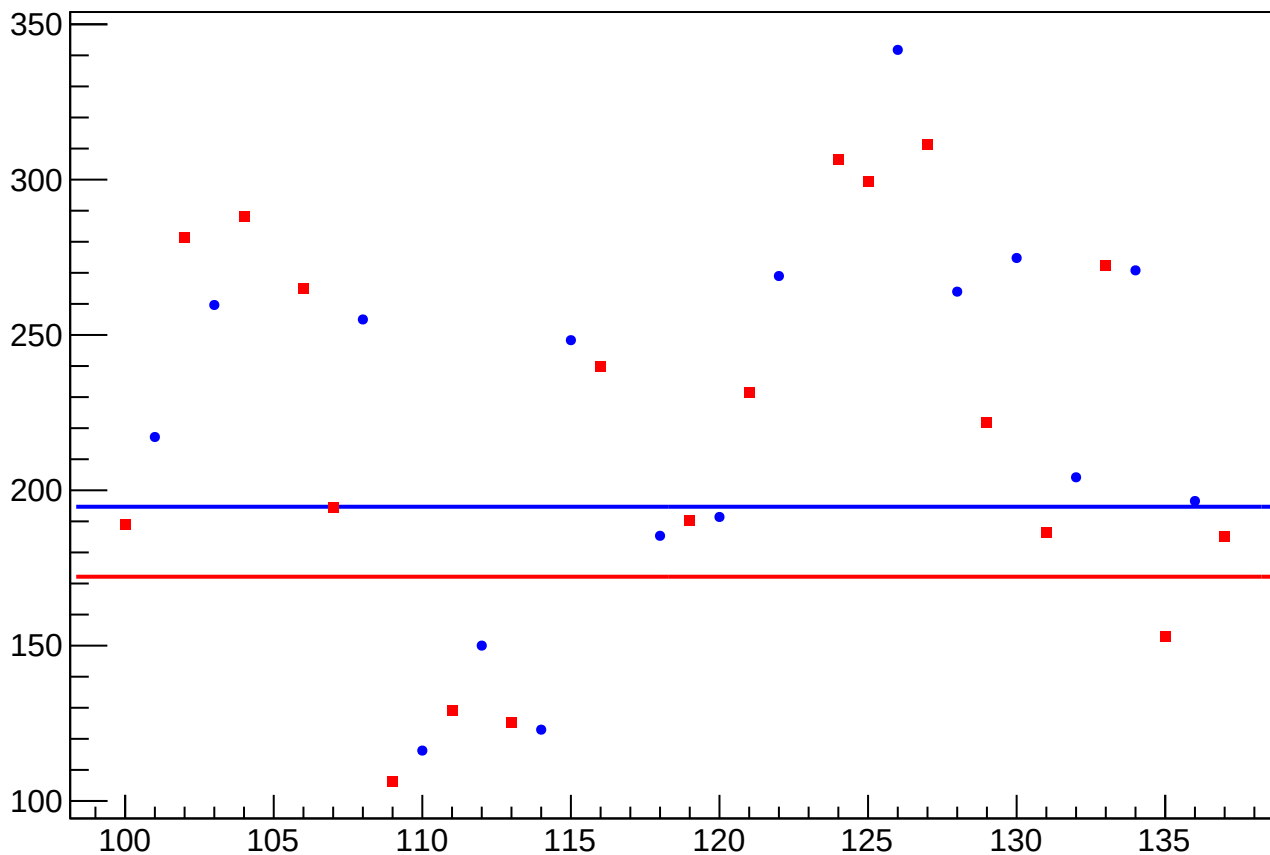
Right: -102.614+/-51.010 χ^2/NDF : 27.9/34

In: -47.523+/-76.571 χ^2/NDF : 15.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -102.614+/-51.010 χ^2/NDF : 27.9/34

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 194.708 $\pm$ 0.054 χ^2 /NDF: 1052288.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.186 $\pm$ 0.048 χ^2 /NDF: 1671068.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

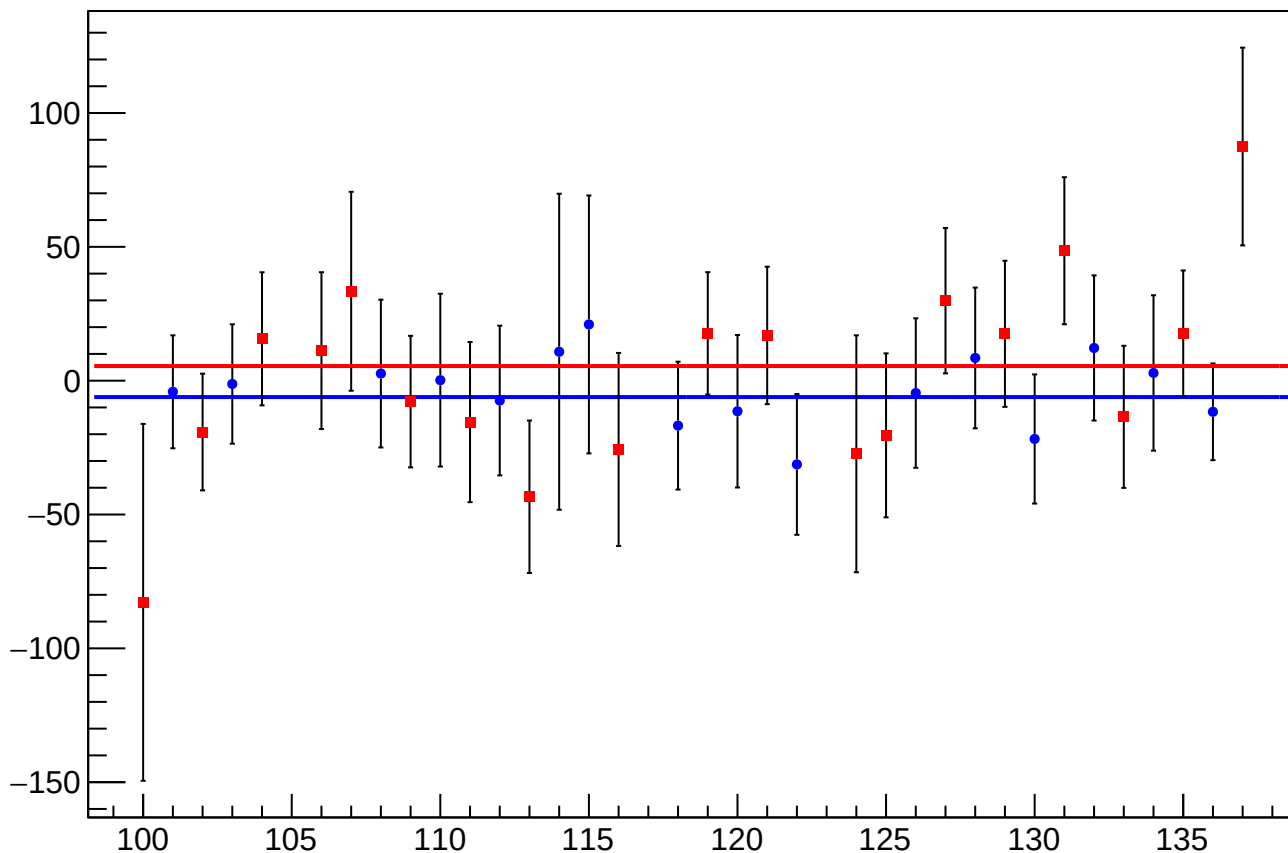
Right: 182.181 $\pm$ 0.036 χ^2 /NDF: 2819594.0/34

In: 194.708 $\pm$ 0.054 χ^2 /NDF:1052288.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 182.181 $\pm$ 0.036 χ^2 /NDF: 2819594.0/34

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.119+/-6.592 χ^2/NDF : 3.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.470+/-6.509 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

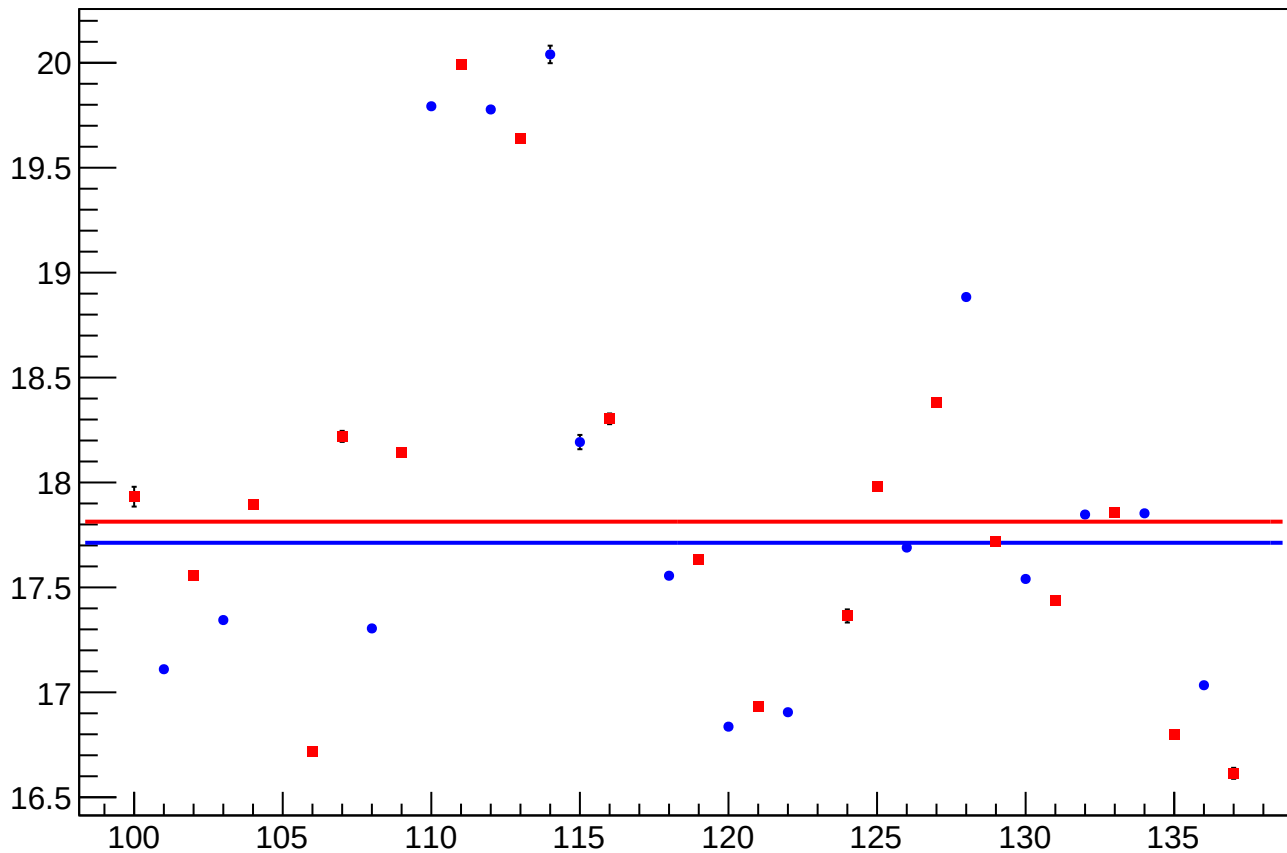
Right: -0.251+/-4.632 χ^2/NDF : 23.9/34

In: -6.119+/-6.592 χ^2/NDF : 3.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.251+/-4.632 χ^2/NDF : 23.9/34

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.713+/-0.005 χ^2/NDF : 35983.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.813+/-0.005 χ^2/NDF : 32713.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

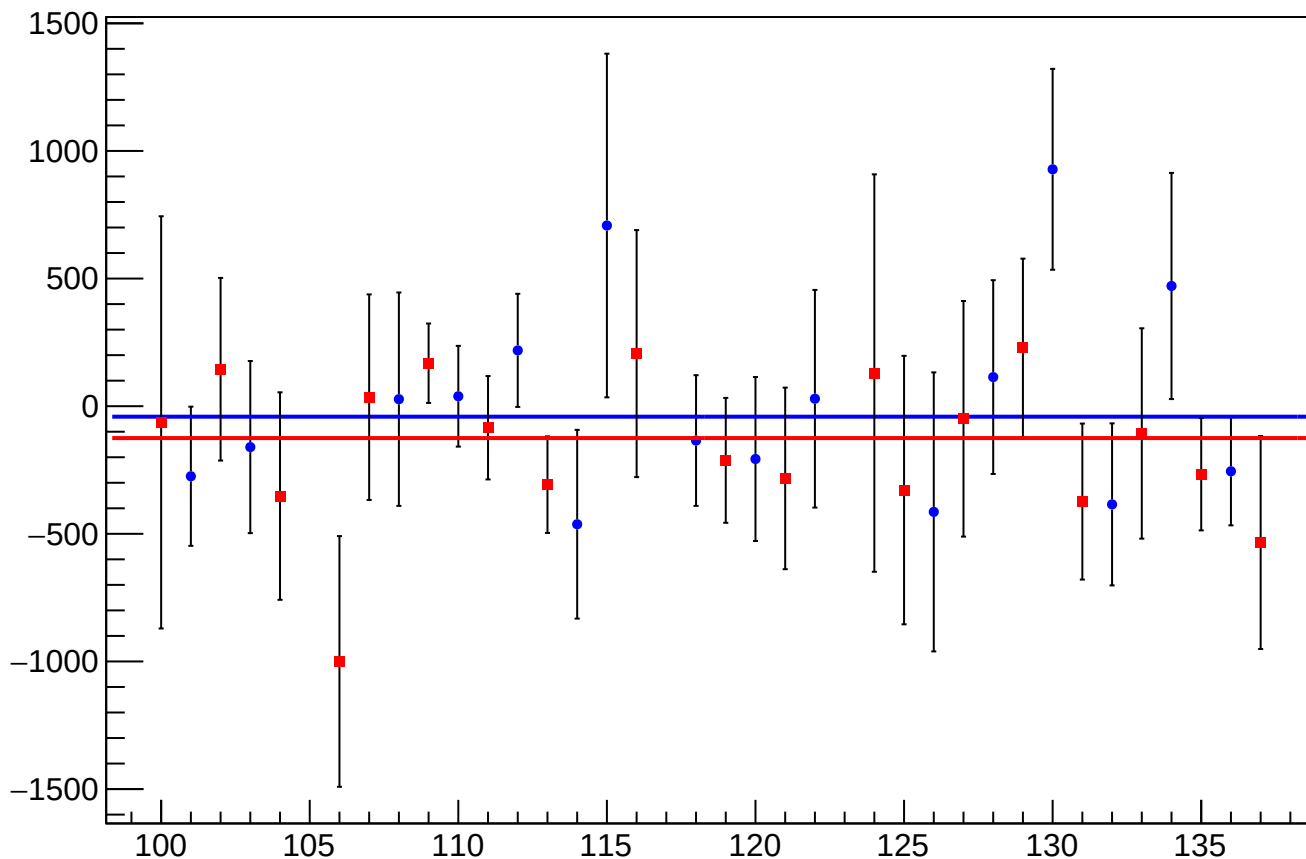
Right: 17.764+/-0.003 χ^2/NDF : 68933.0/34

In: 17.713+/-0.005 χ^2/NDF : 35983.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.764+/-0.003 χ^2/NDF : 68933.0/34

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -41.114+/-77.139 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -124.872+/-69.109 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

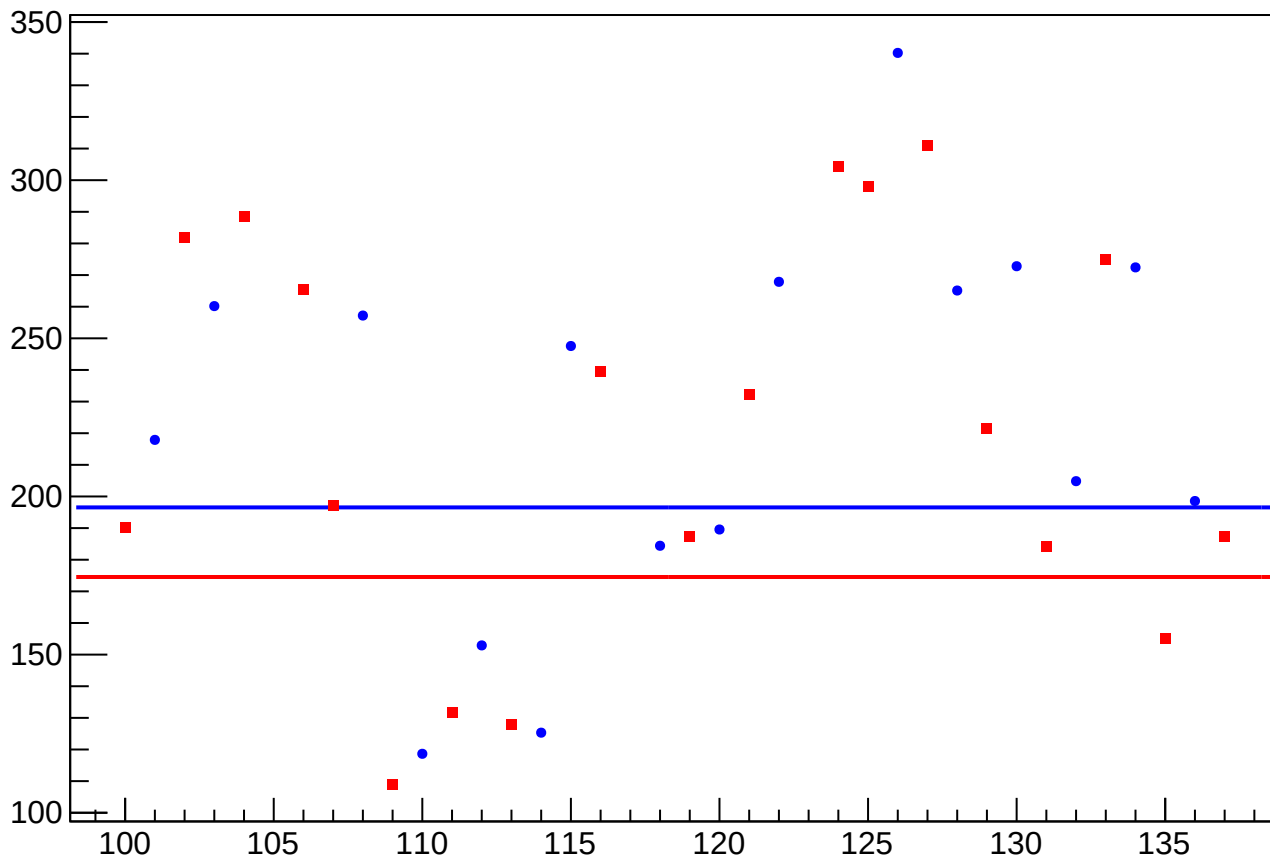
Right: -87.579+/-51.473 χ^2/NDF : 29.1/34

In: -41.114+/-77.139 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.579+/-51.473 χ^2/NDF : 29.1/34

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 196.542 $\pm$ 0.055 χ^2 /NDF: 1000770.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.540 $\pm$ 0.049 χ^2 /NDF: 1588725.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

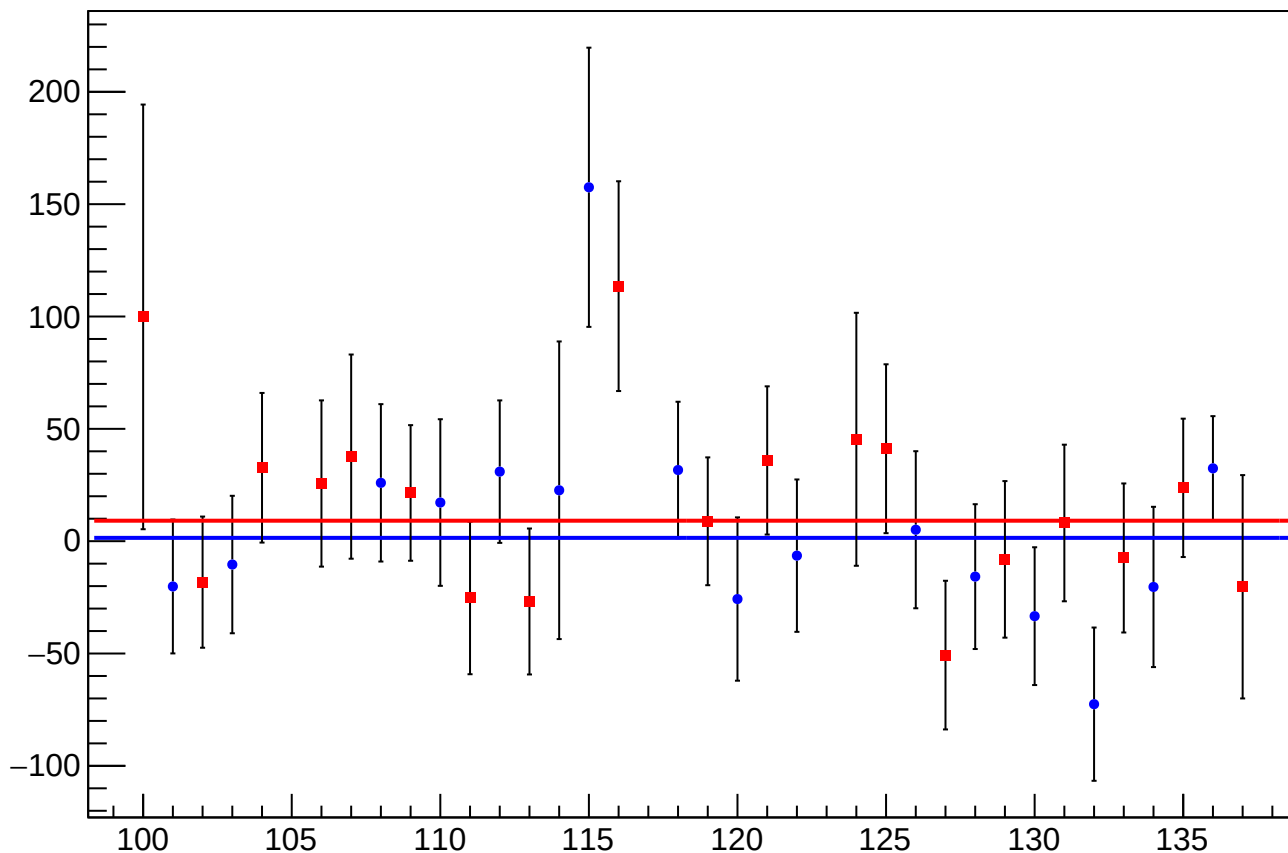
Right: 184.337 $\pm$ 0.036 χ^2 /NDF: 2679758.7/34

In: 196.542 $\pm$ 0.055 χ^2 /NDF:1000770.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 184.337 $\pm$ 0.036 χ^2 /NDF: 2679758.7/34

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.113+/-8.198 χ^2/NDF : 16.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

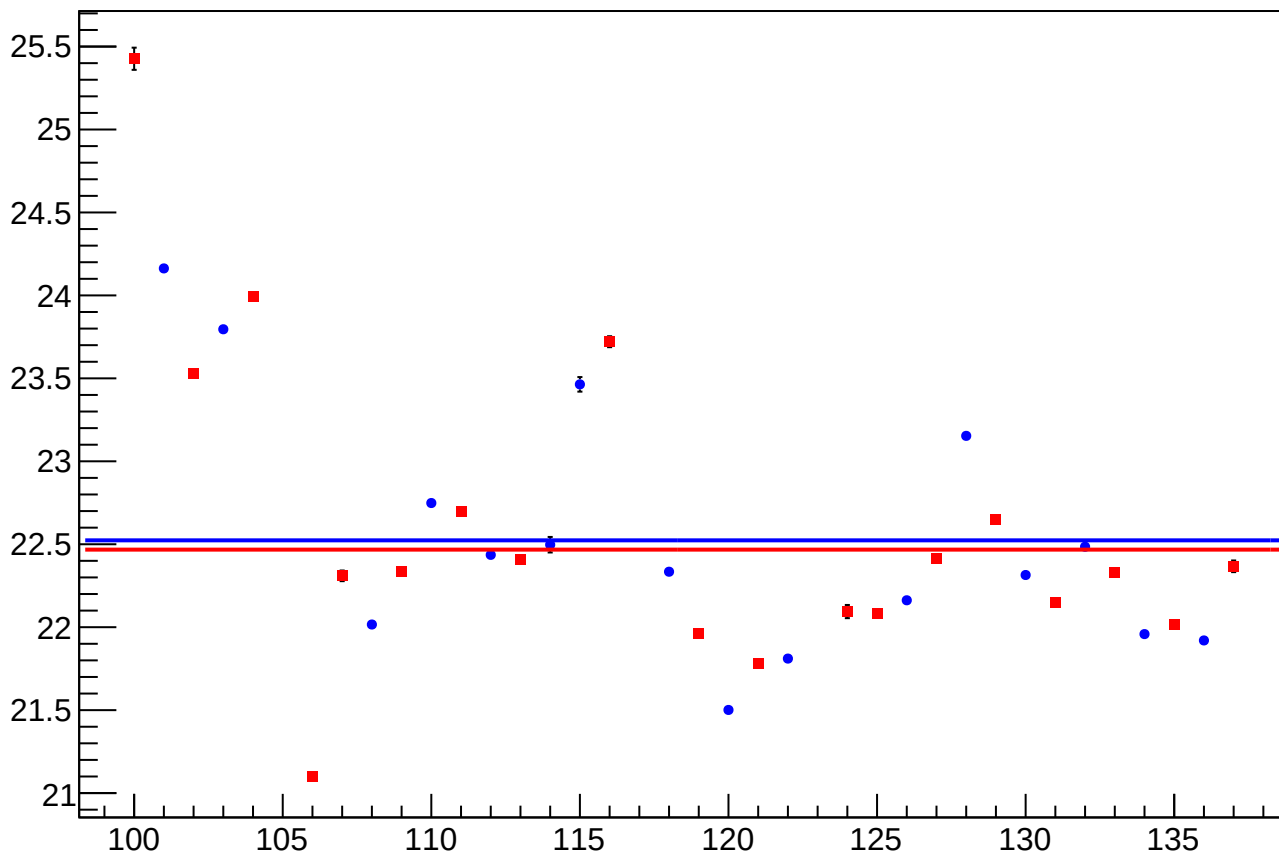
Right: 5.374+/-5.857 χ^2/NDF : 35.6/34

In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.374+/-5.857 χ^2/NDF : 35.6/34

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.468+/-0.006 χ^2/NDF : 15626.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

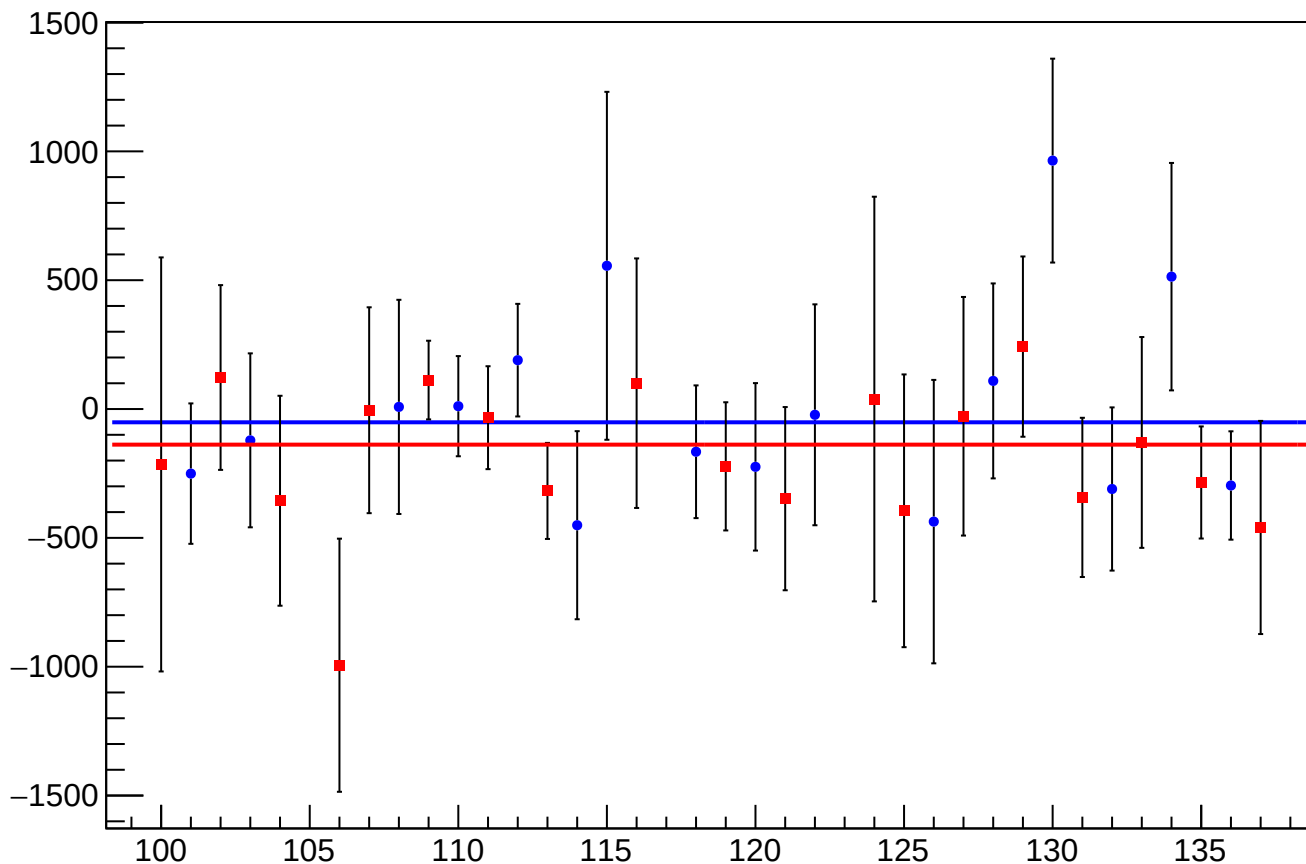
Right: 22.495+/-0.004 χ^2/NDF : 31619.9/34

In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.495+/-0.004 χ^2/NDF : 31619.9/34

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -51.492 $\pm$ 76.798 χ^2 /NDF: 15.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -138.184 $\pm$ 68.625 χ^2 /NDF: 11.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

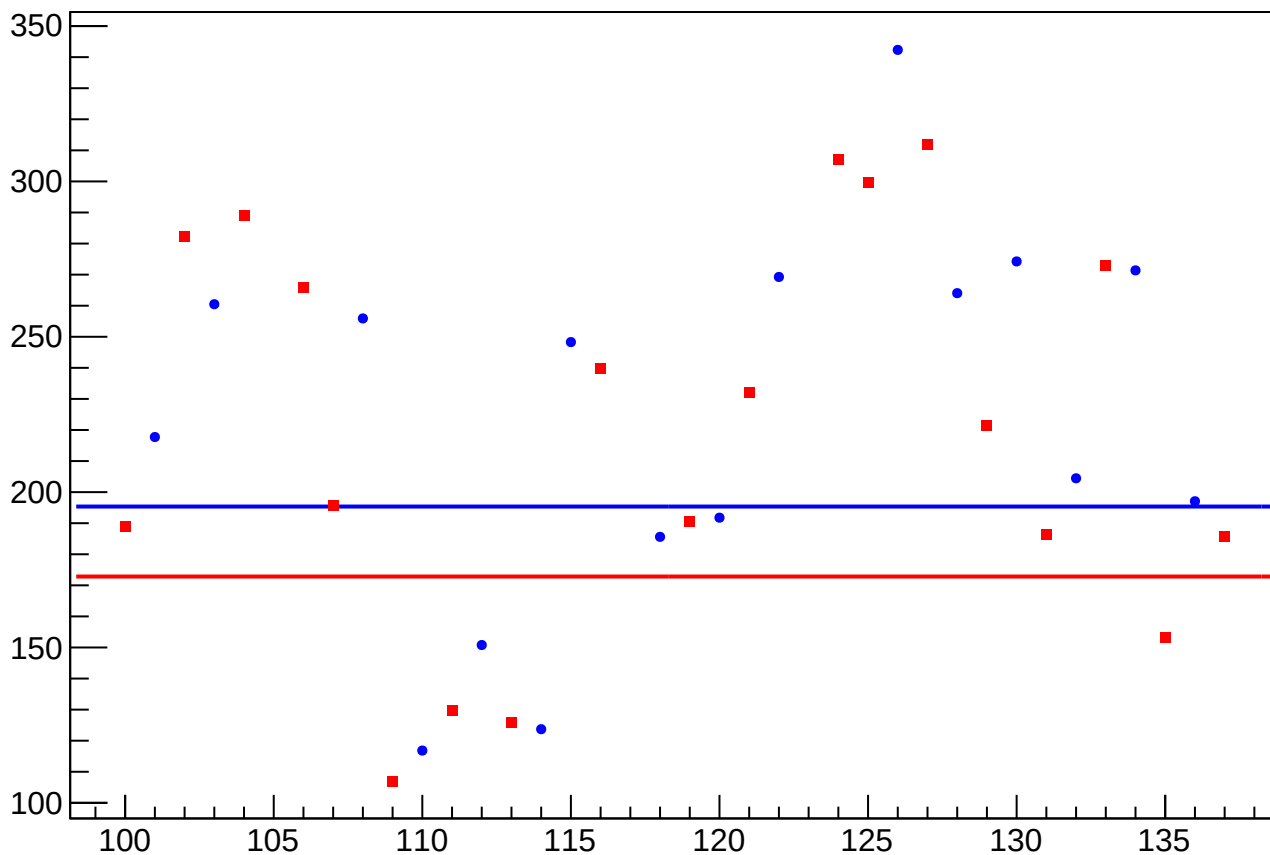
Right: -99.695 $\pm$ 51.171 χ^2 /NDF: 27.7/34

In: -51.492 $\pm$ 76.798 χ^2 /NDF:15.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -99.695 $\pm$ 51.171 χ^2 /NDF: 27.7/34

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.361+/-0.054 χ^2/NDF : 1041432.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.837+/-0.049 χ^2/NDF : 1659430.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

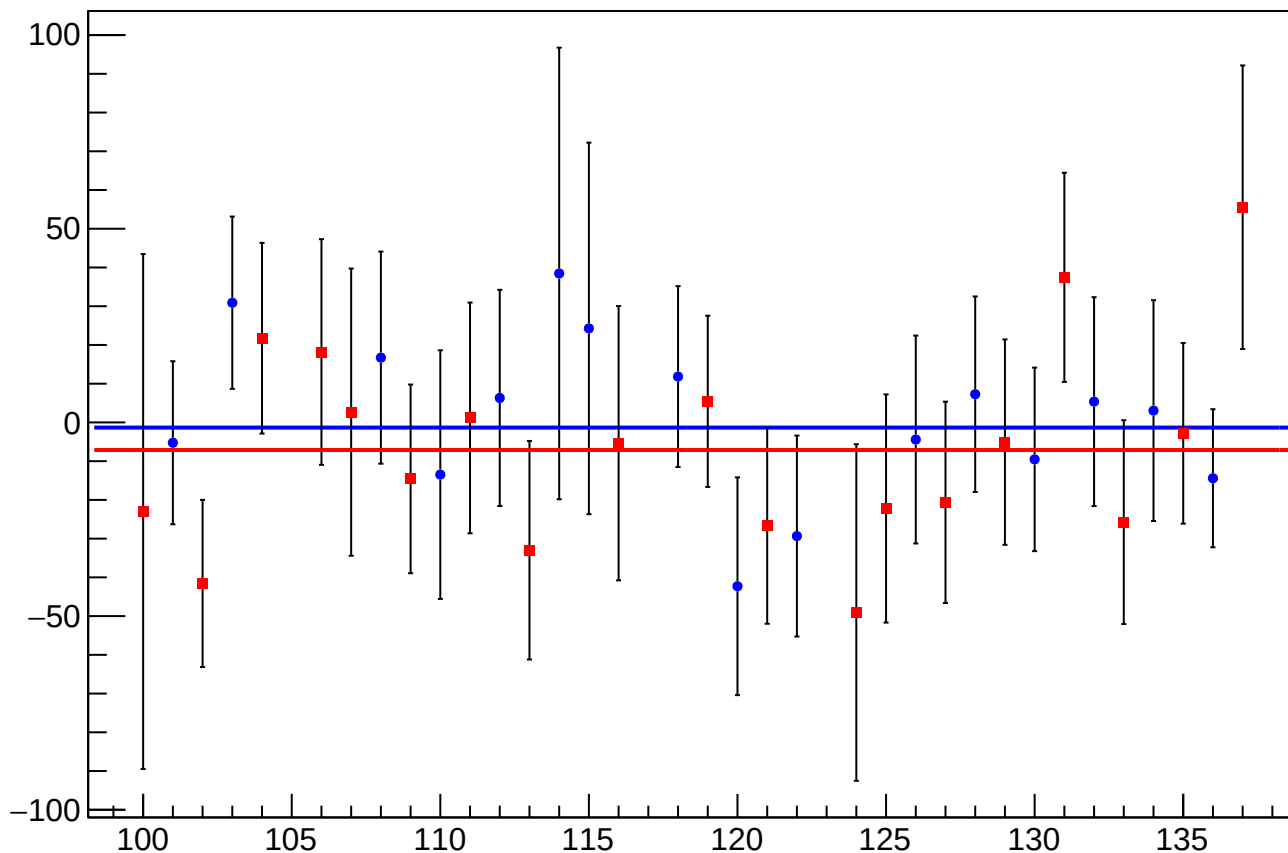
Right: 182.837+/-0.036 χ^2/NDF : 2796519.3/34

In: 195.361+/-0.054 χ^2/NDF : 1041432.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.837+/-0.036 χ^2/NDF : 2796519.3/34

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: -1.331+/-6.499 χ^2/NDF : 8.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -7.126+/-6.402 χ^2/NDF : 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

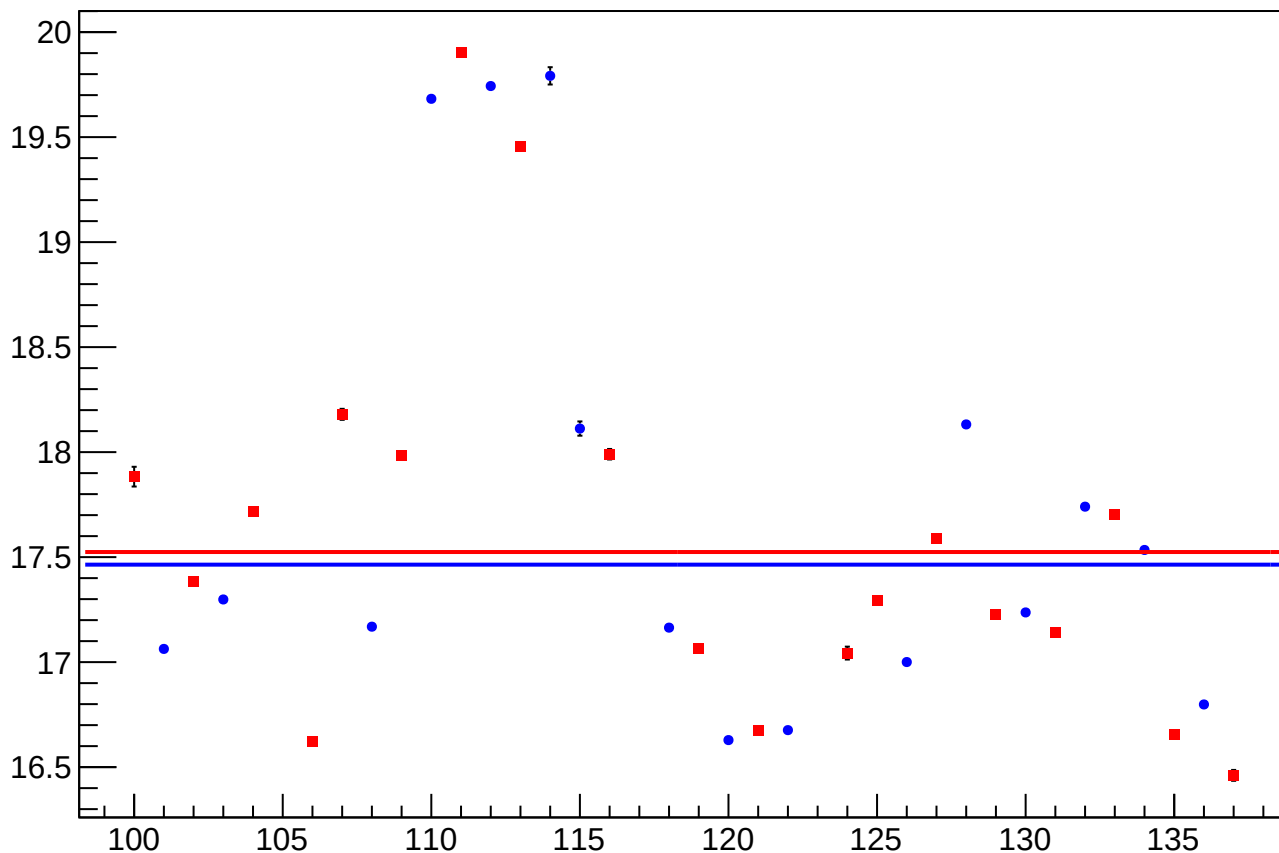
Right: -4.272+/-4.561 χ^2/NDF : 22.8/34

In: -1.331+/-6.499 χ^2/NDF : 8.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.272+/-4.561 χ^2/NDF : 22.8/34

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.524+/-0.005 χ^2/NDF : 34726.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

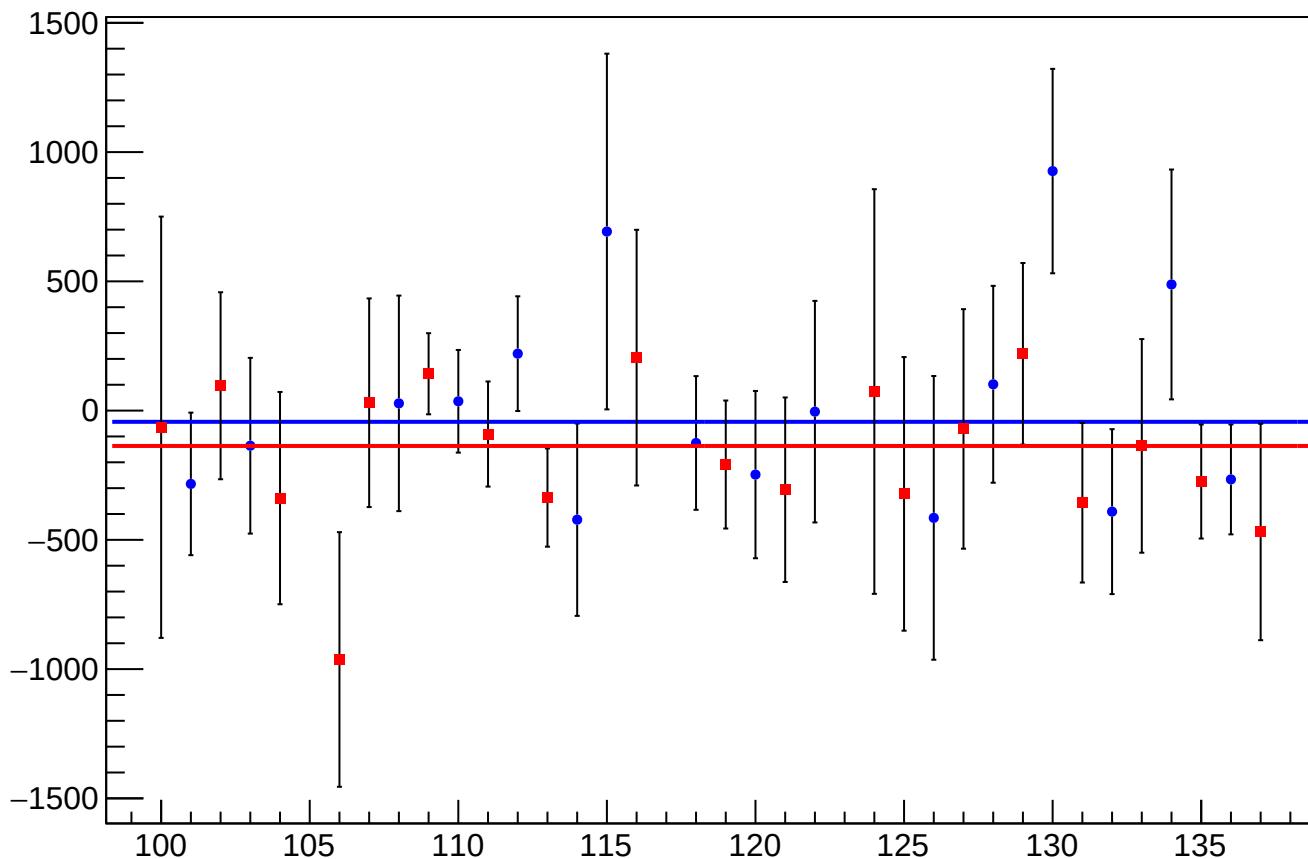
Right: 17.495+/-0.003 χ^2/NDF : 71463.1/34

In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.495+/-0.003 χ^2/NDF : 71463.1/34

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -43.384 $\pm$ 77.584 χ^2 /NDF: 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.778 $\pm$ 69.557 χ^2 /NDF: 11.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

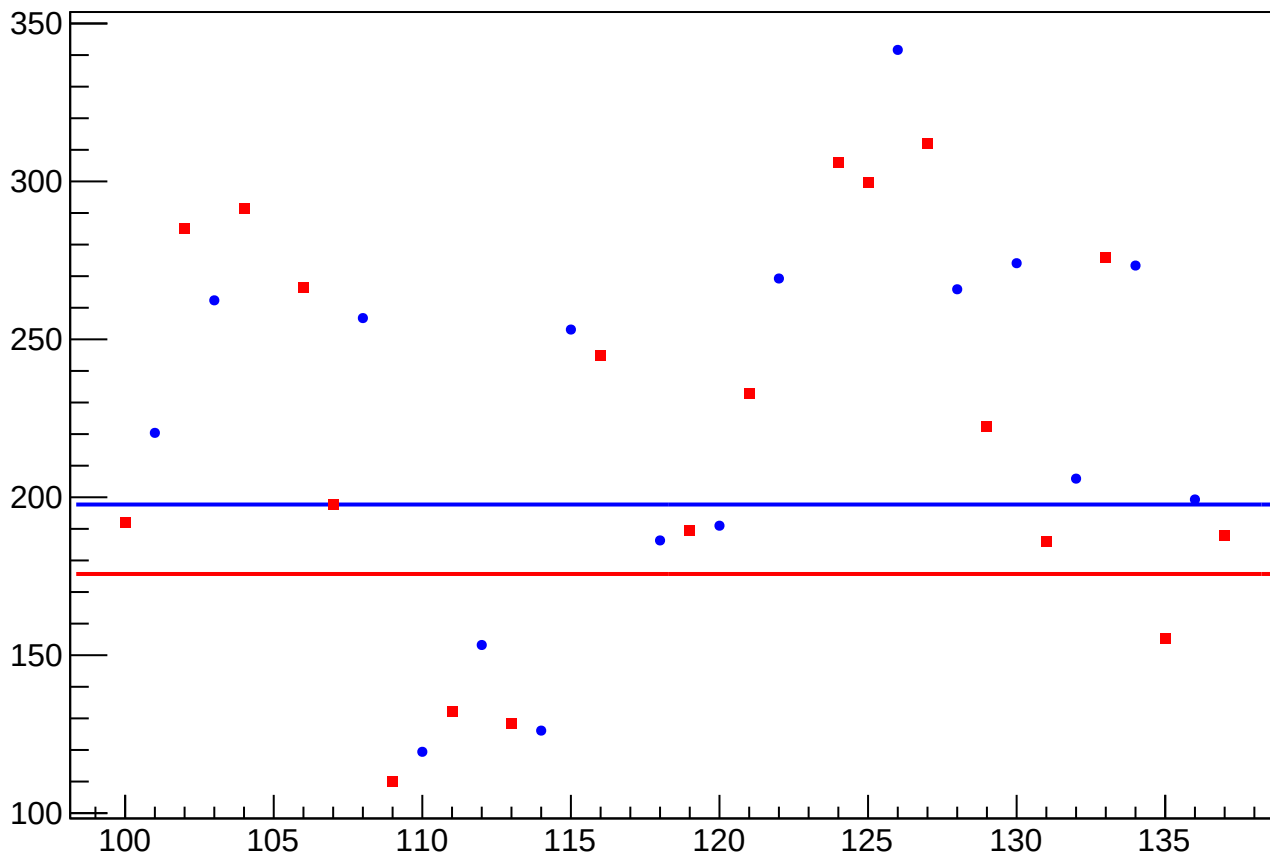
Right: -95.161 $\pm$ 51.790 χ^2 /NDF: 27.8/34

In: -43.384 $\pm$ 77.584 χ^2 /NDF:15.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -95.161 $\pm$ 51.790 χ^2 /NDF: 27.8/34

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 197.707+/-0.055 χ^2/NDF : 1000324.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.716+/-0.049 χ^2/NDF : 1590559.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

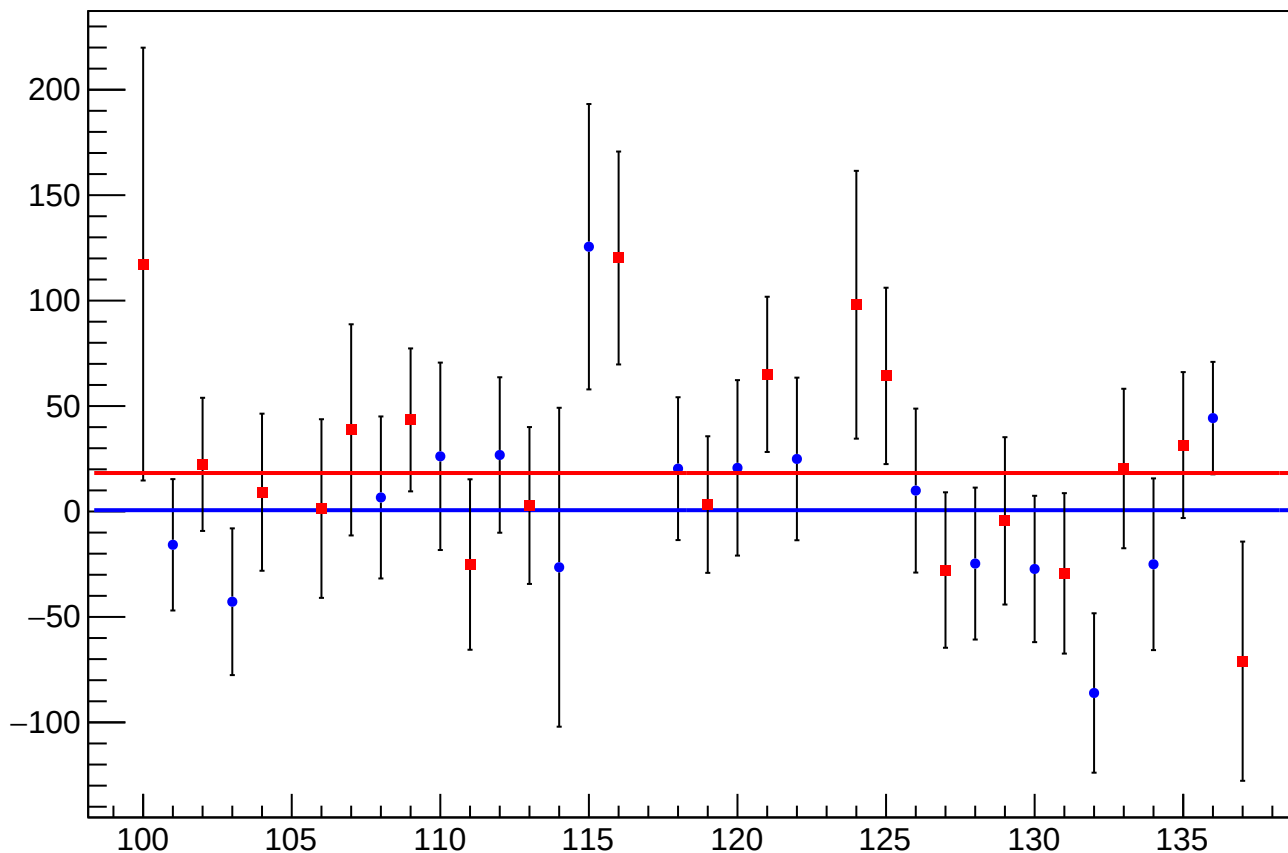
Right: 185.515+/-0.037 χ^2/NDF : 2679972.8/34

In: 197.707+/-0.055 χ^2/NDF : 1000324.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.515+/-0.037 χ^2/NDF : 2679972.8/34

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.248+/-9.208 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

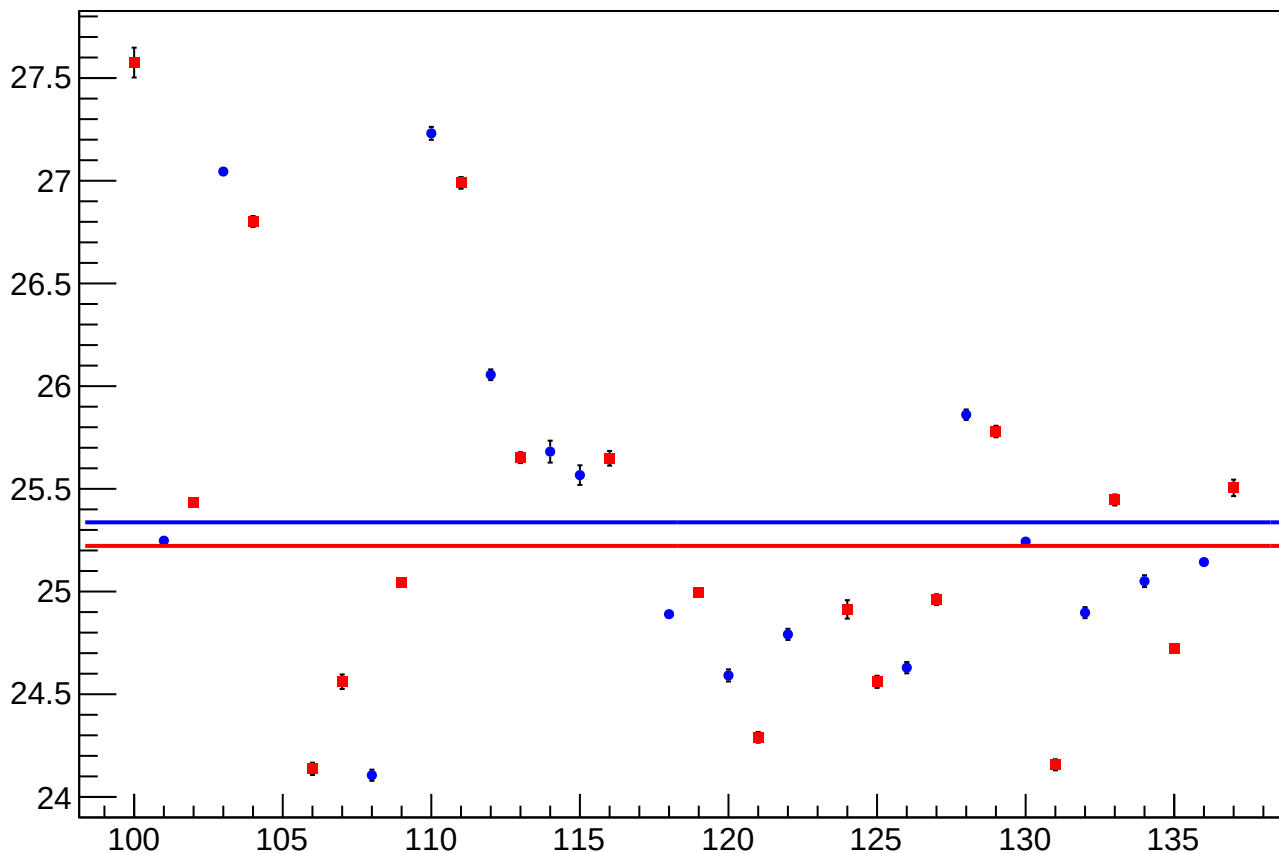
Right: 9.635+/-6.585 χ^2/NDF : 36.5/34

In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.635+/-6.585 χ^2/NDF : 36.5/34

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 25.337+/-0.007 χ^2/NDF : 14315.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.222+/-0.007 χ^2/NDF : 15224.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

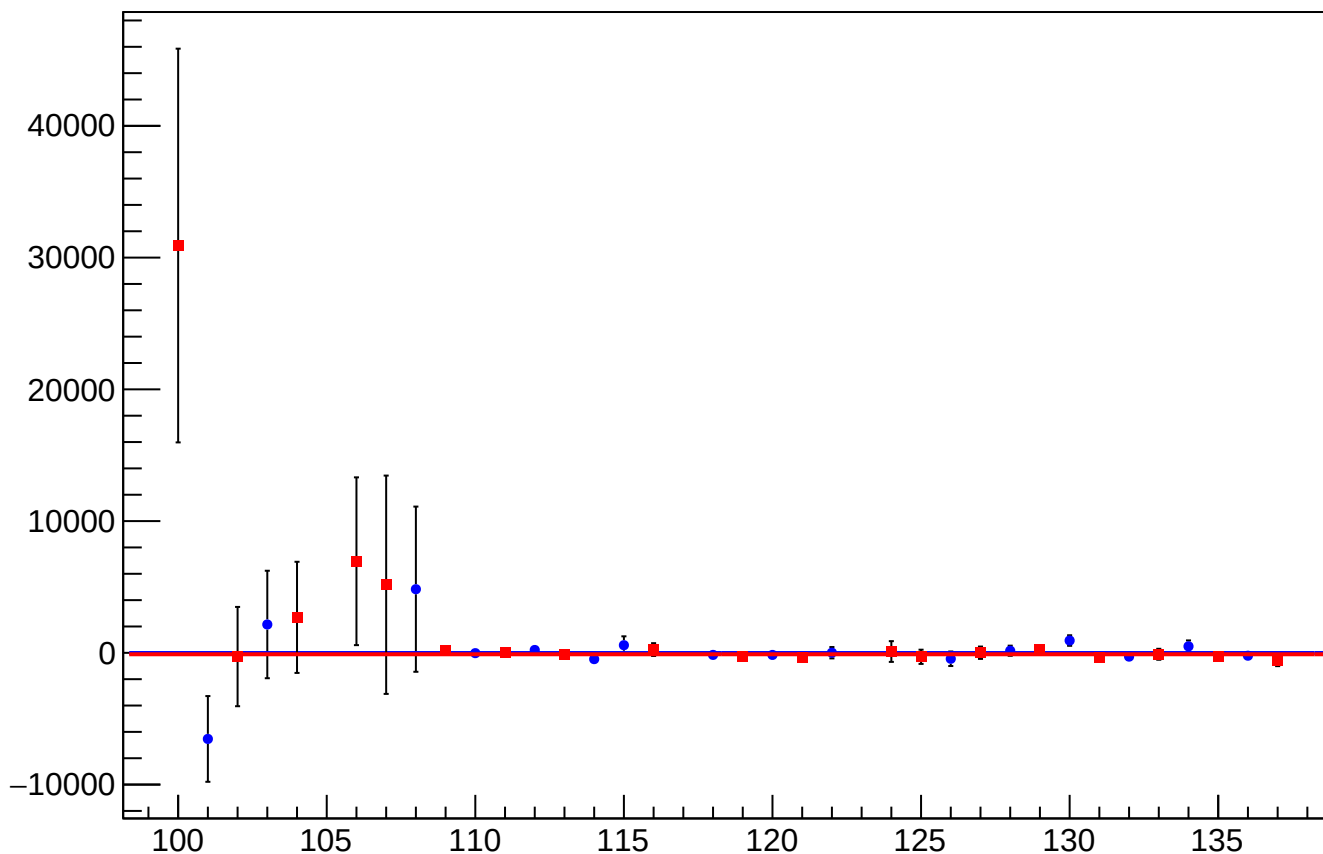
Right: 25.278+/-0.005 χ^2/NDF : 29691.5/34

In: 25.337+/-0.007 χ^2/NDF : 14315.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.278+/-0.005 χ^2/NDF : 29691.5/34

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -15.450+/-84.701 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -108.825+/-78.099 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

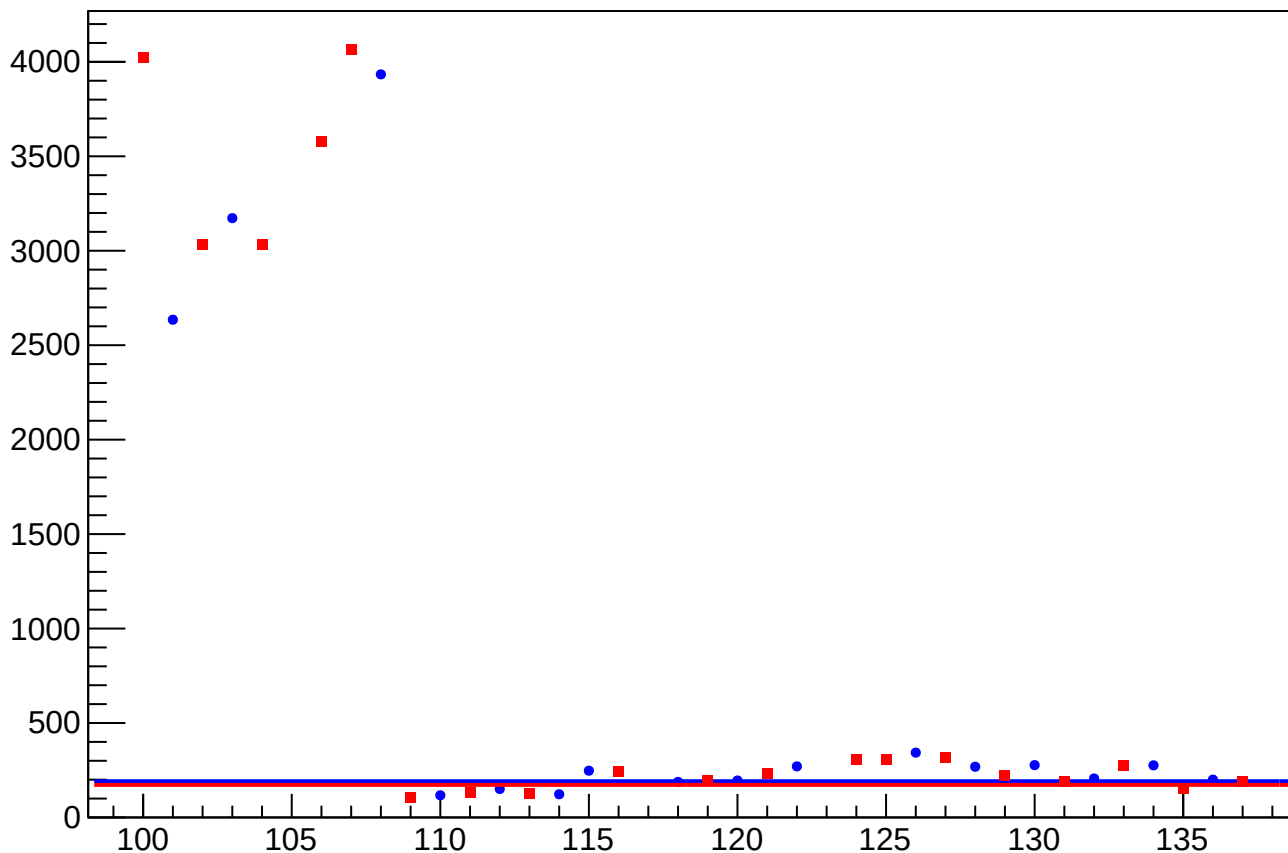
Right: -65.918+/-57.416 χ^2/NDF : 33.0/34

In: -15.450+/-84.701 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -65.918+/-57.416 χ^2/NDF : 33.0/34

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.736+/-0.060 χ^2/NDF : 3821804.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.462+/-0.055 χ^2/NDF : 4303129.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

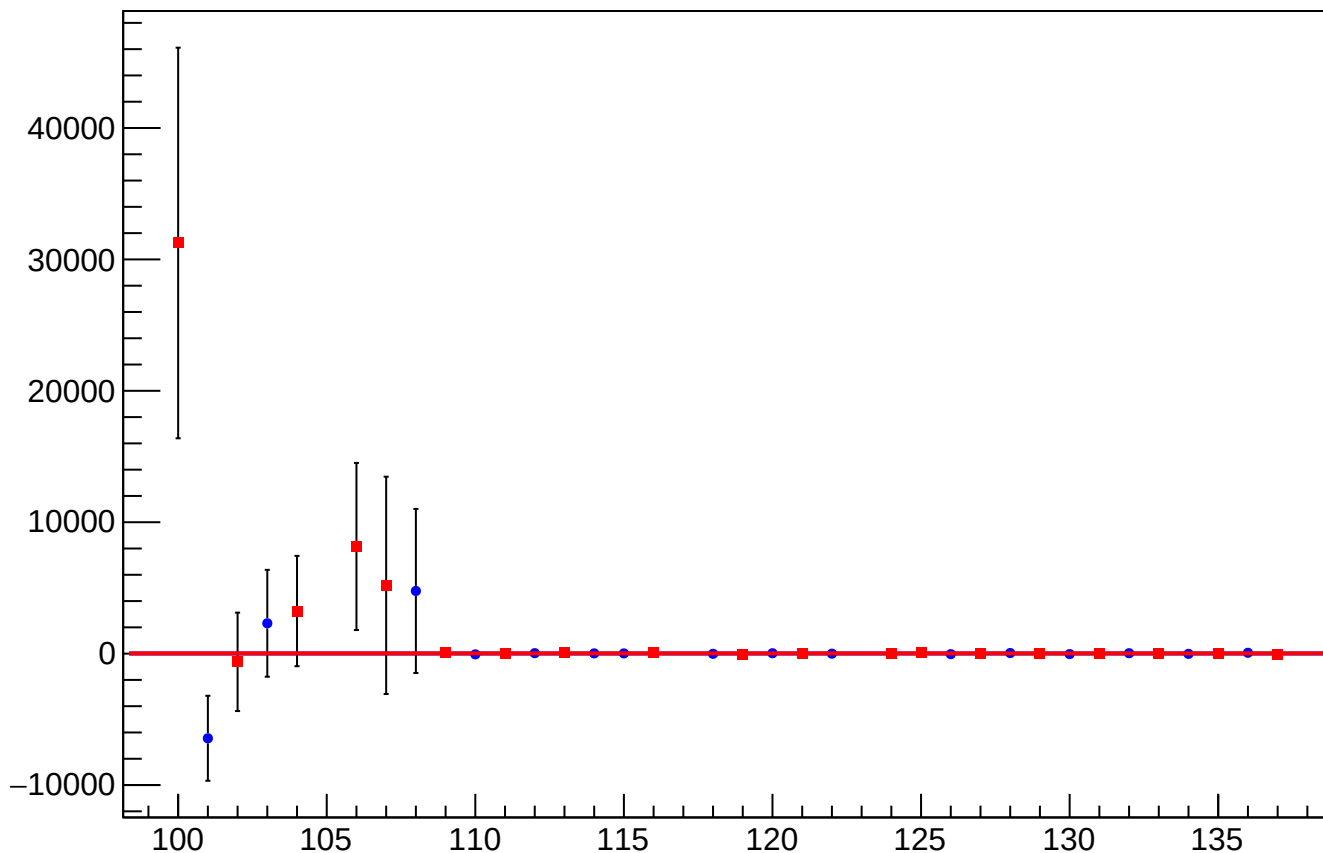
Right: 181.319+/-0.041 χ^2/NDF : 8180903.6/34

In: 191.736+/-0.060 χ^2/NDF : 3821804.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.319+/-0.041 χ^2/NDF : 8180903.6/34

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 9.576+/-11.685 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.105+/-11.805 χ^2/NDF : 24.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

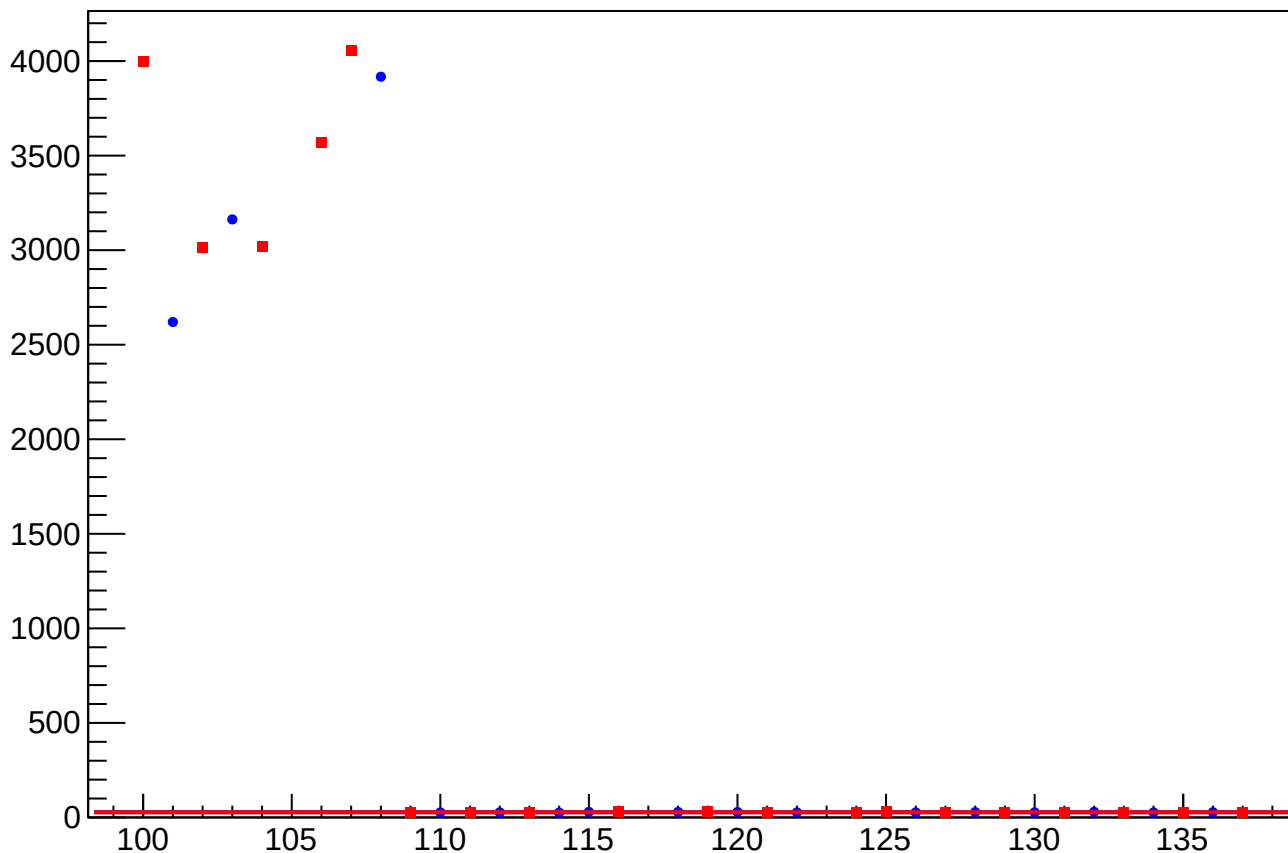
Right: 13.797+/-8.305 χ^2/NDF : 41.0/34

In: 9.576+/-11.685 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.797+/-8.305 χ^2/NDF : 41.0/34

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.642 $\pm$ 0.008 χ^2 /NDF: 3265498.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.535 $\pm$ 0.008 χ^2 /NDF: 3555229.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

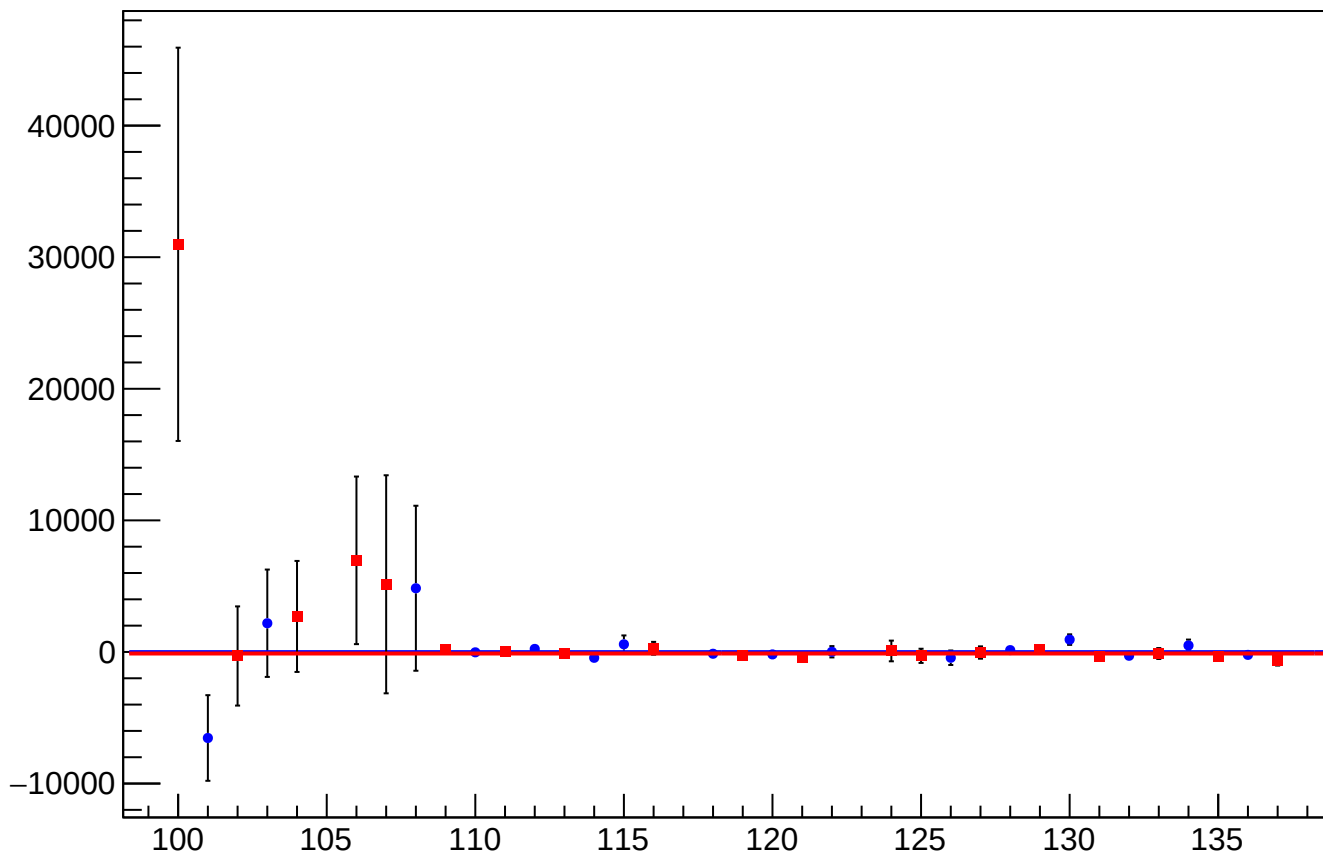
Right: 27.589 $\pm$ 0.006 χ^2 /NDF: 6820810.9/34

In: 27.642 $\pm$ 0.008 χ^2 /NDF:3265498.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.589 $\pm$ 0.006 χ^2 /NDF: 6820810.9/34

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -13.160+/-84.454 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.063+/-77.862 χ^2/NDF : 14.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

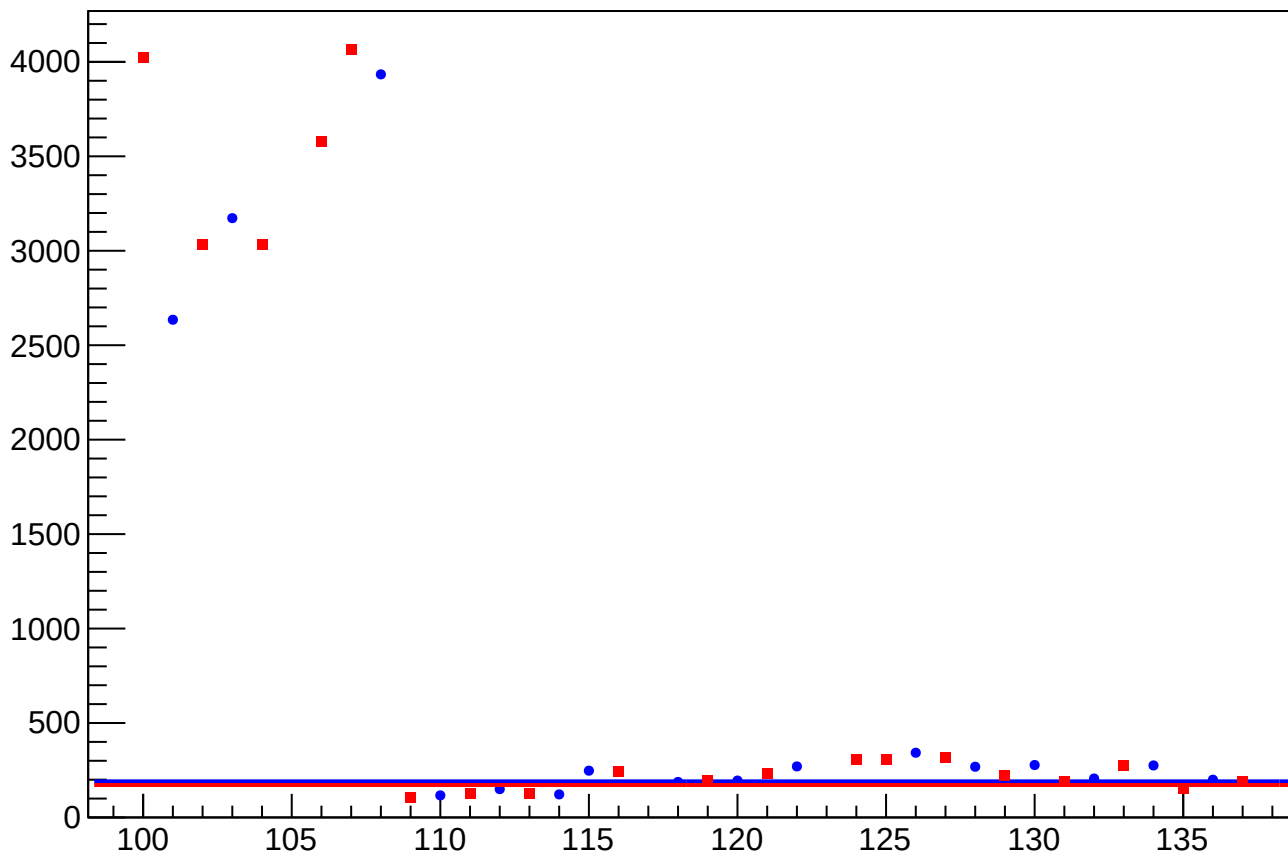
Right: -69.865+/-57.246 χ^2/NDF : 33.6/34

In: -13.160+/-84.454 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.865+/-57.246 χ^2/NDF : 33.6/34

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.835+/-0.055 χ^2/NDF : 4314721.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

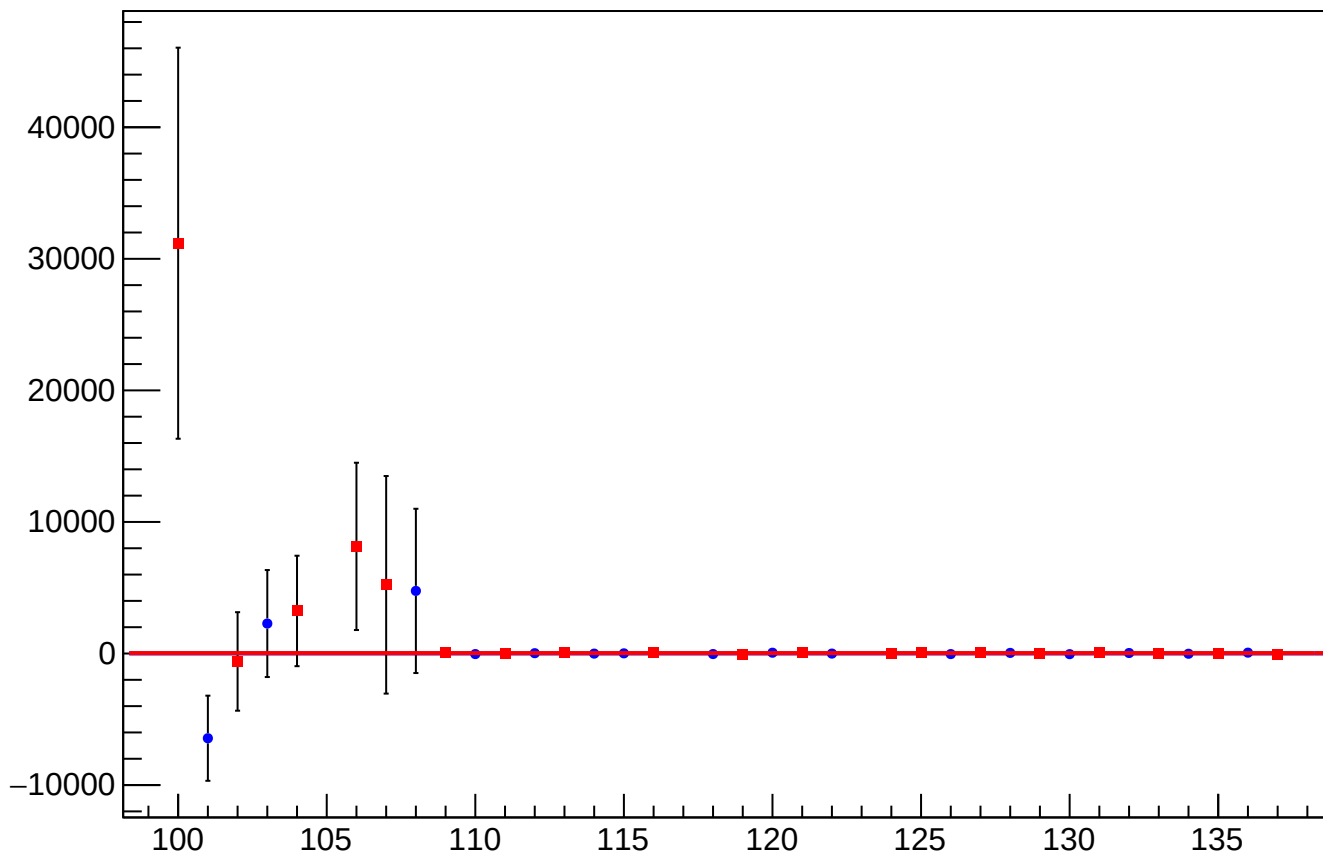
Right: 180.673+/-0.040 χ^2/NDF : 8204752.1/34

In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.673+/-0.040 χ^2/NDF : 8204752.1/34

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 6.490+/-11.764 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.962+/-11.902 χ^2/NDF : 19.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

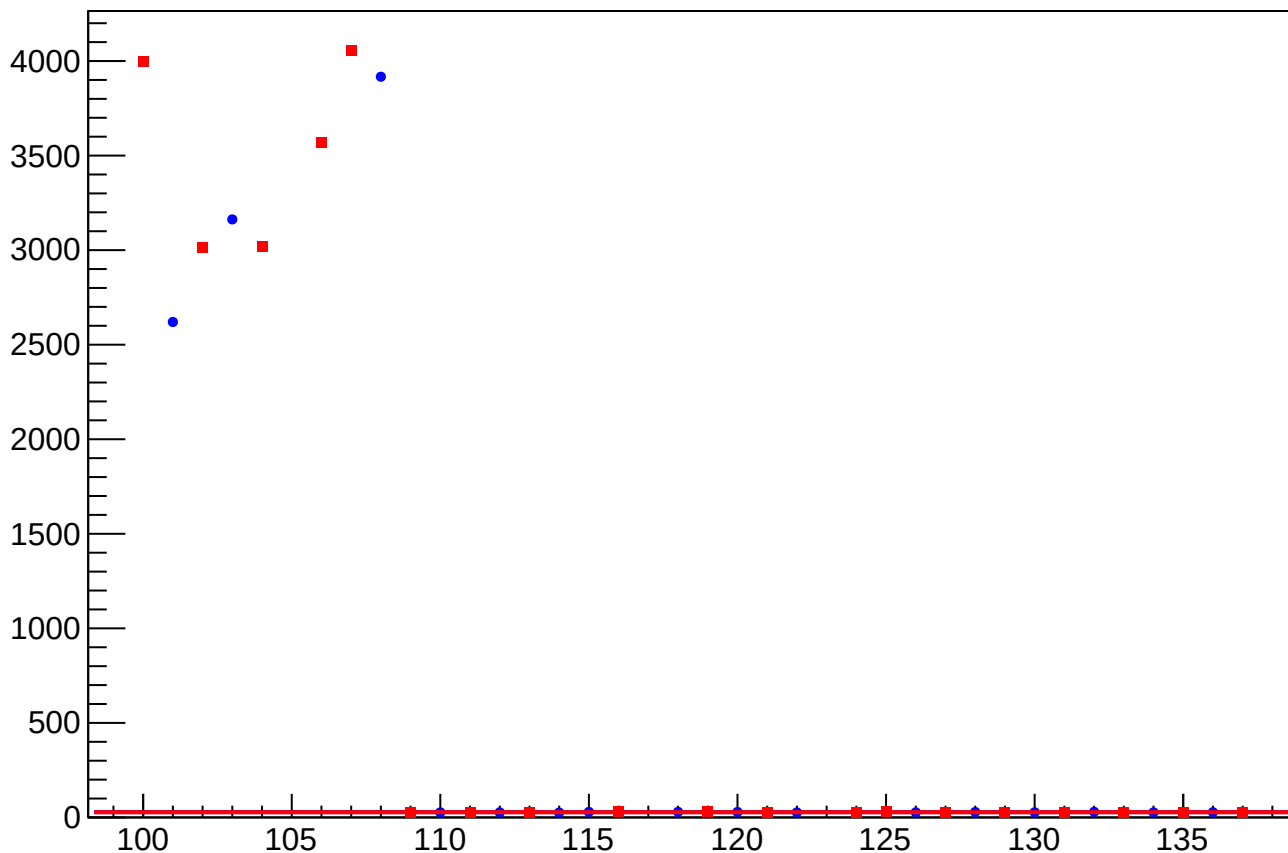
Right: 18.584+/-8.367 χ^2/NDF : 40.3/34

In: 6.490+/-11.764 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.584+/-8.367 χ^2/NDF : 40.3/34

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 27.825+/-0.008 χ^2/NDF : 3265895.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.754+/-0.008 χ^2/NDF : 3558676.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

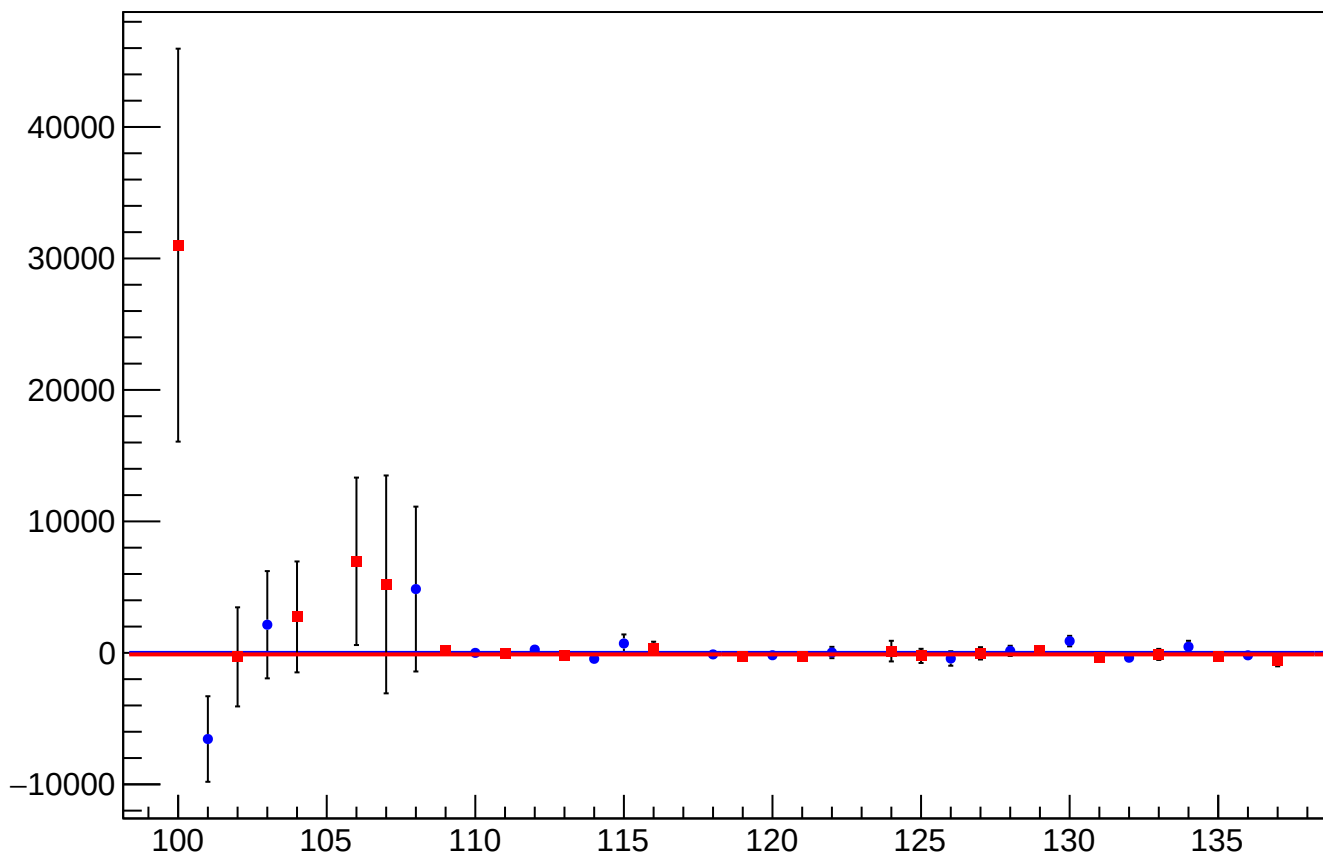
Right: 27.790+/-0.006 χ^2/NDF : 6824608.5/34

In: 27.825+/-0.008 χ^2/NDF : 3265895.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.790+/-0.006 χ^2/NDF : 6824608.5/34

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug, Sign Corrected



Right In: -2.795+/-85.508 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -115.753+/-78.952 χ^2/NDF : 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

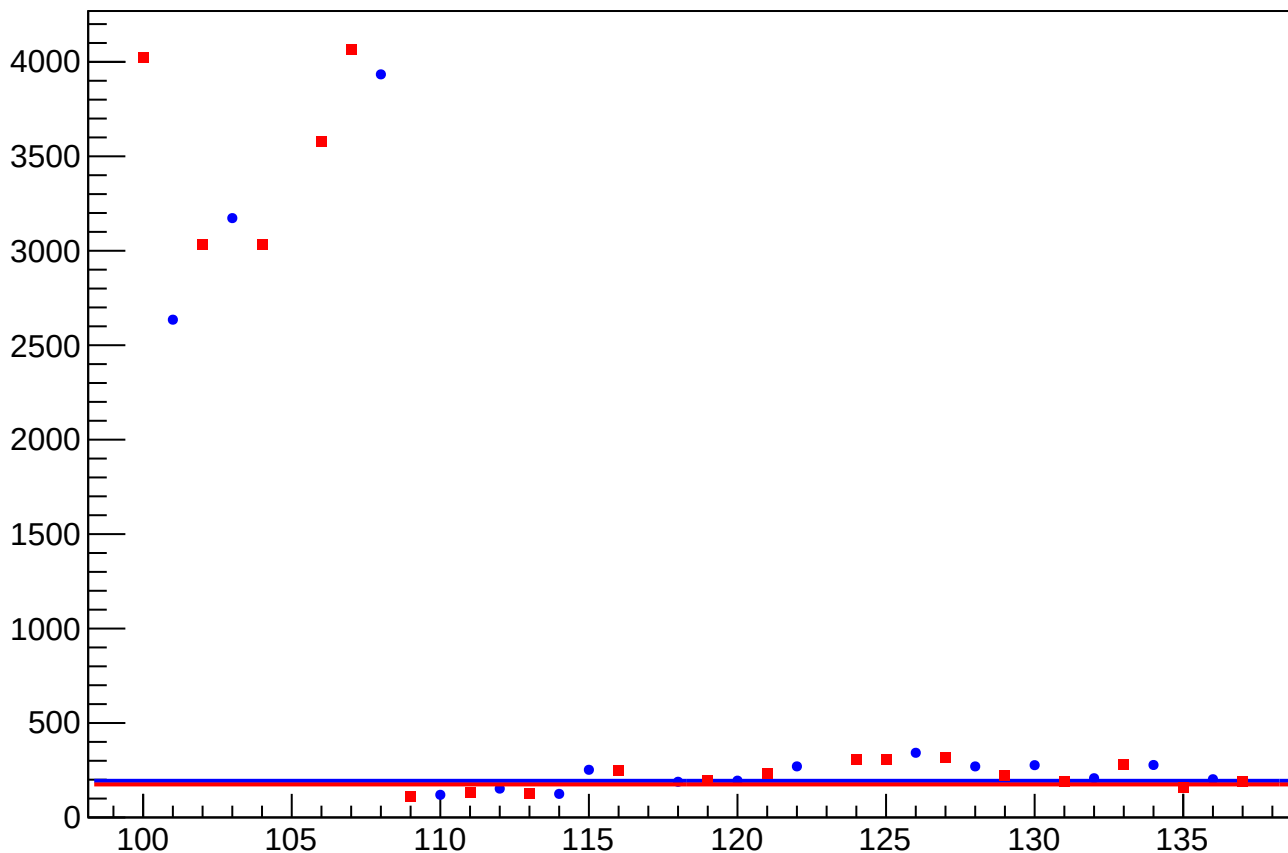
Right: -63.770+/-58.007 χ^2/NDF : 33.0/34

In: -2.795+/-85.508 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -63.770+/-58.007 χ^2/NDF : 33.0/34

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug, Sign Corrected



Right In: 193.946+/-0.060 χ^2/NDF : 3784467.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.779+/-0.056 χ^2/NDF : 4259323.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

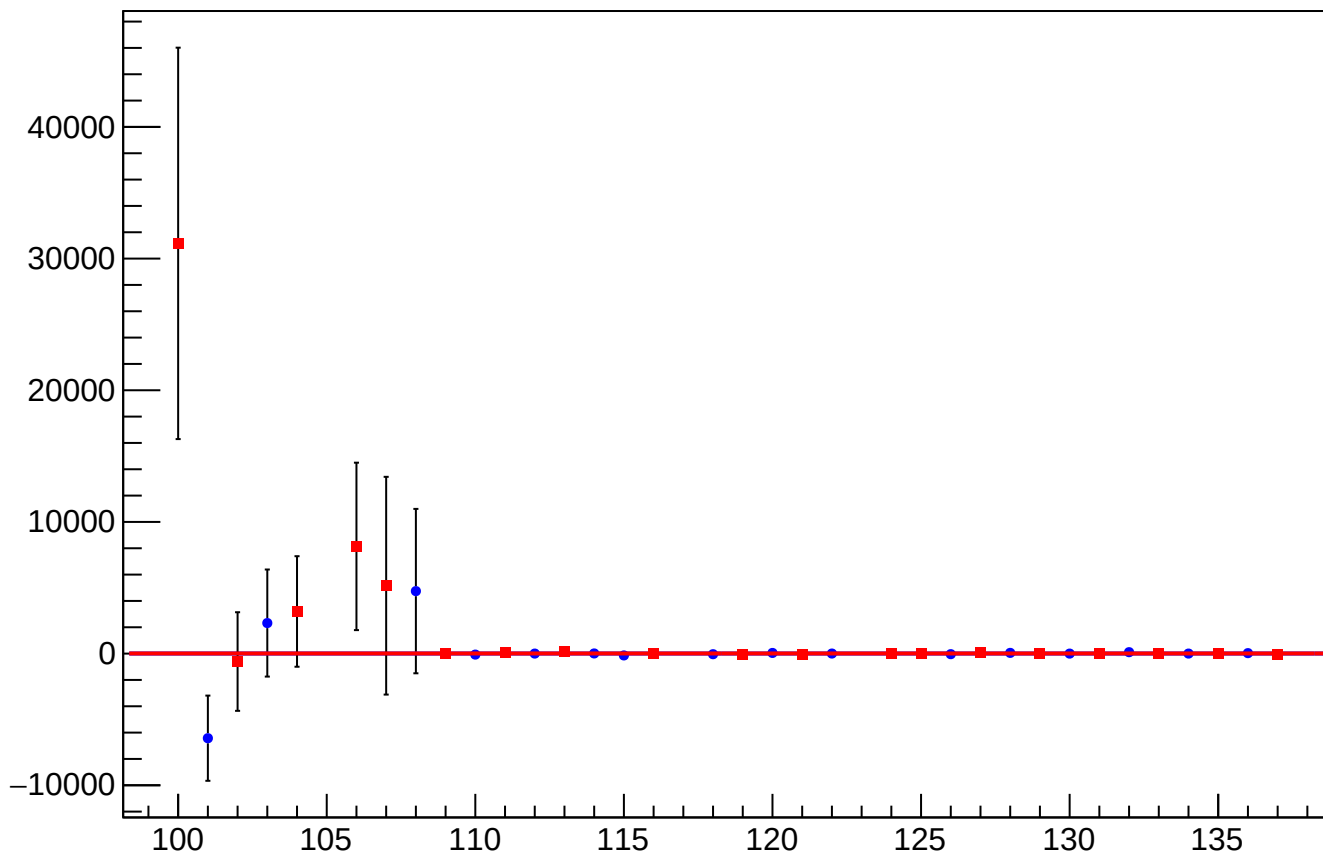
Right: 183.600+/-0.041 χ^2/NDF : 8098034.9/34

In: 193.946+/-0.060 χ^2/NDF : 3784467.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.600+/-0.041 χ^2/NDF : 8098034.9/34

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 5.660+/-14.306 χ^2/NDF : 17.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.003+/-14.433 χ^2/NDF : 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

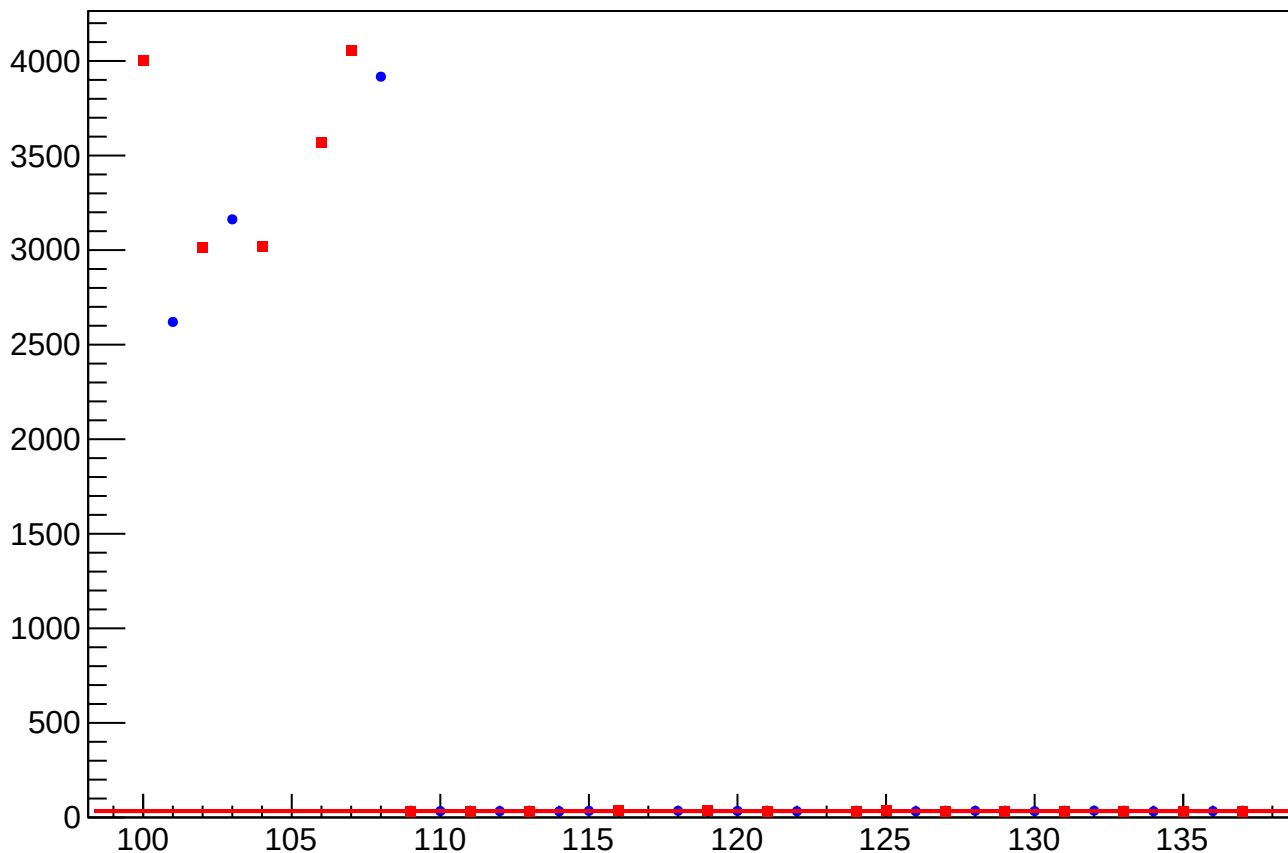
Right: 7.813+/-10.160 χ^2/NDF : 40.9/34

In: 5.660+/-14.306 χ^2/NDF : 17.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.813+/-10.160 χ^2/NDF : 40.9/34

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 33.899+/-0.010 χ^2/NDF : 3244382.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.726+/-0.010 χ^2/NDF : 3526463.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

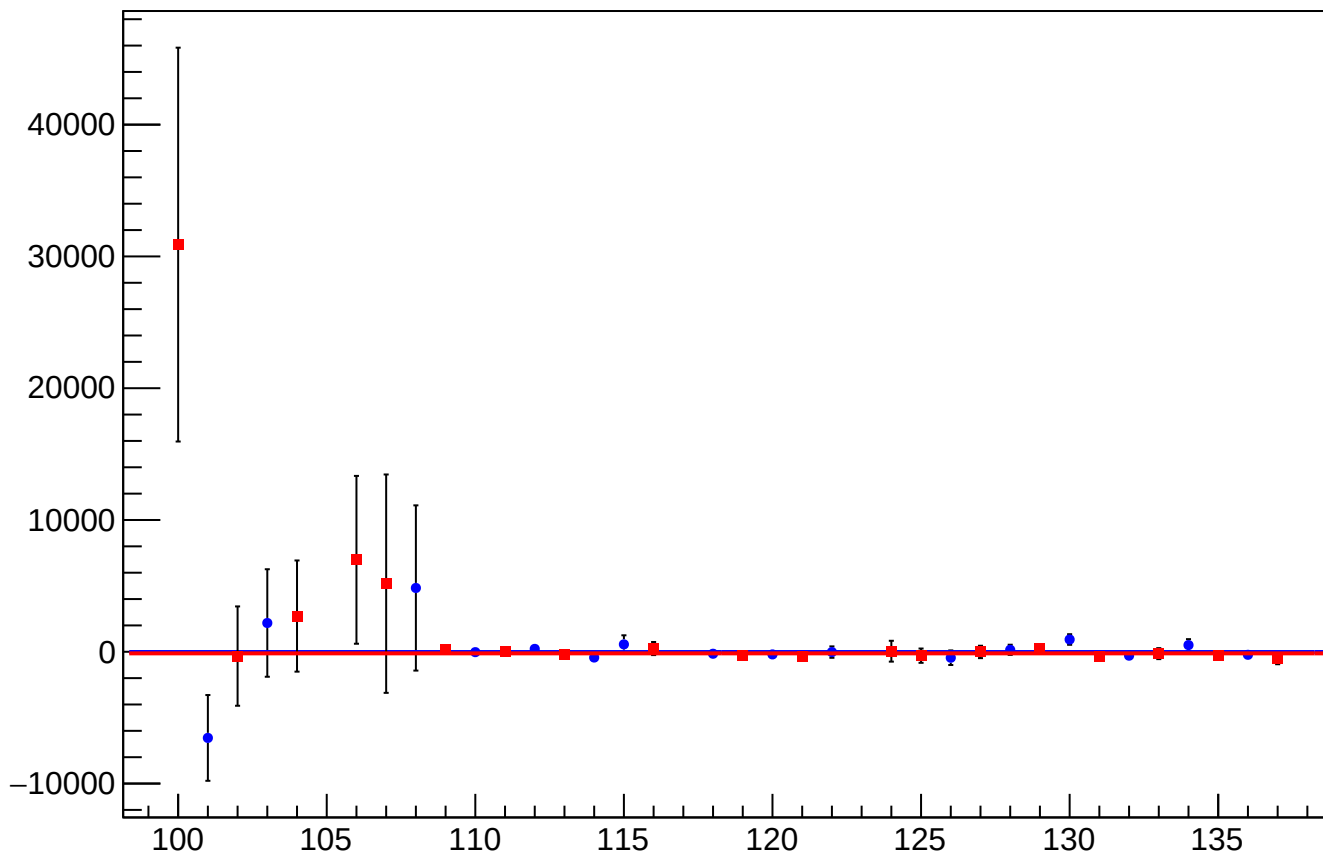
Right: 33.814+/-0.007 χ^2/NDF : 6770991.8/34

In: 33.899+/-0.010 χ^2/NDF : 3244382.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.814+/-0.007 χ^2/NDF : 6770991.8/34

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -19.522 $\pm$ 85.063 χ^2 /NDF: 18.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -119.922 $\pm$ 78.455 χ^2 /NDF: 13.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

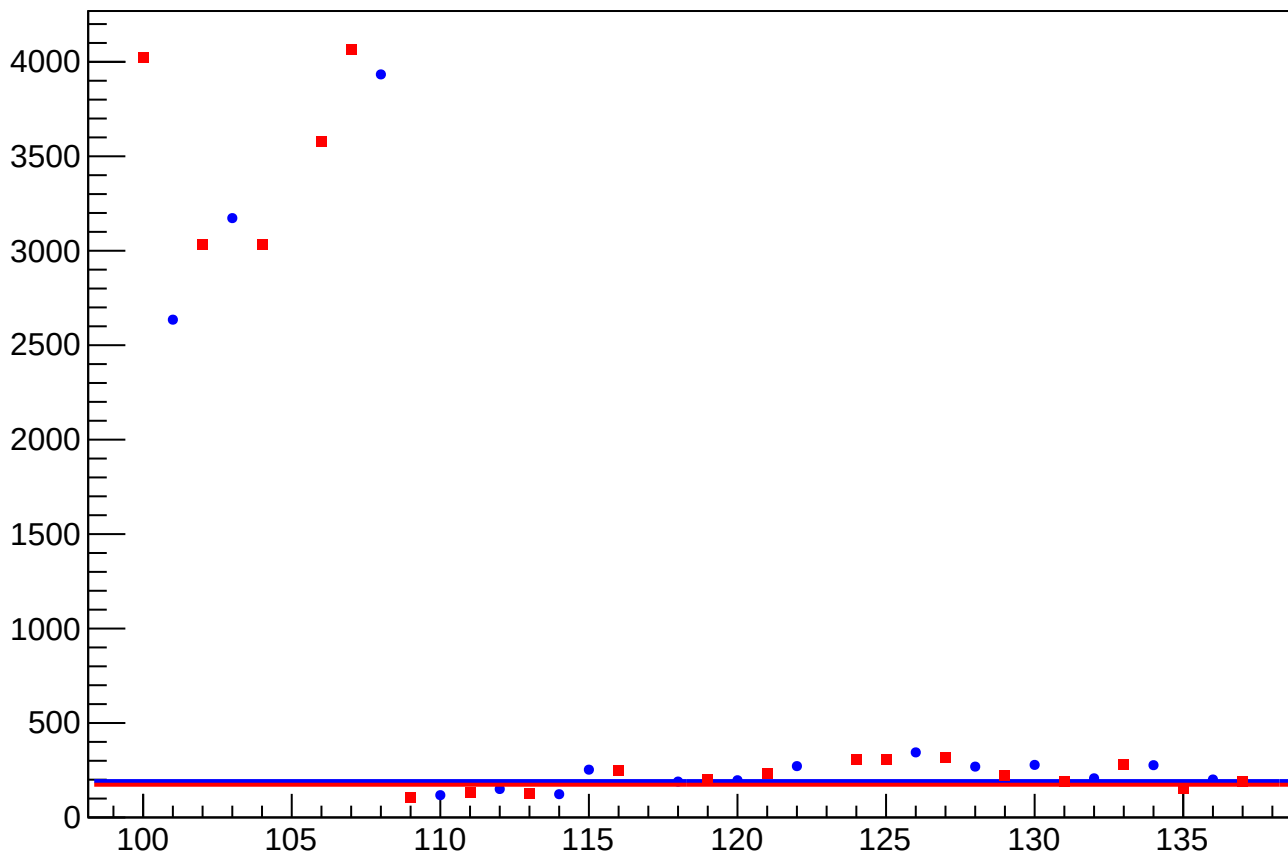
Right: -73.773 $\pm$ 57.671 χ^2 /NDF: 32.2/34

In: -19.522 $\pm$ 85.063 χ^2 /NDF:18.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -73.773 $\pm$ 57.671 χ^2 /NDF: 32.2/34

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.249+/-0.055 χ^2/NDF : 4307420.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

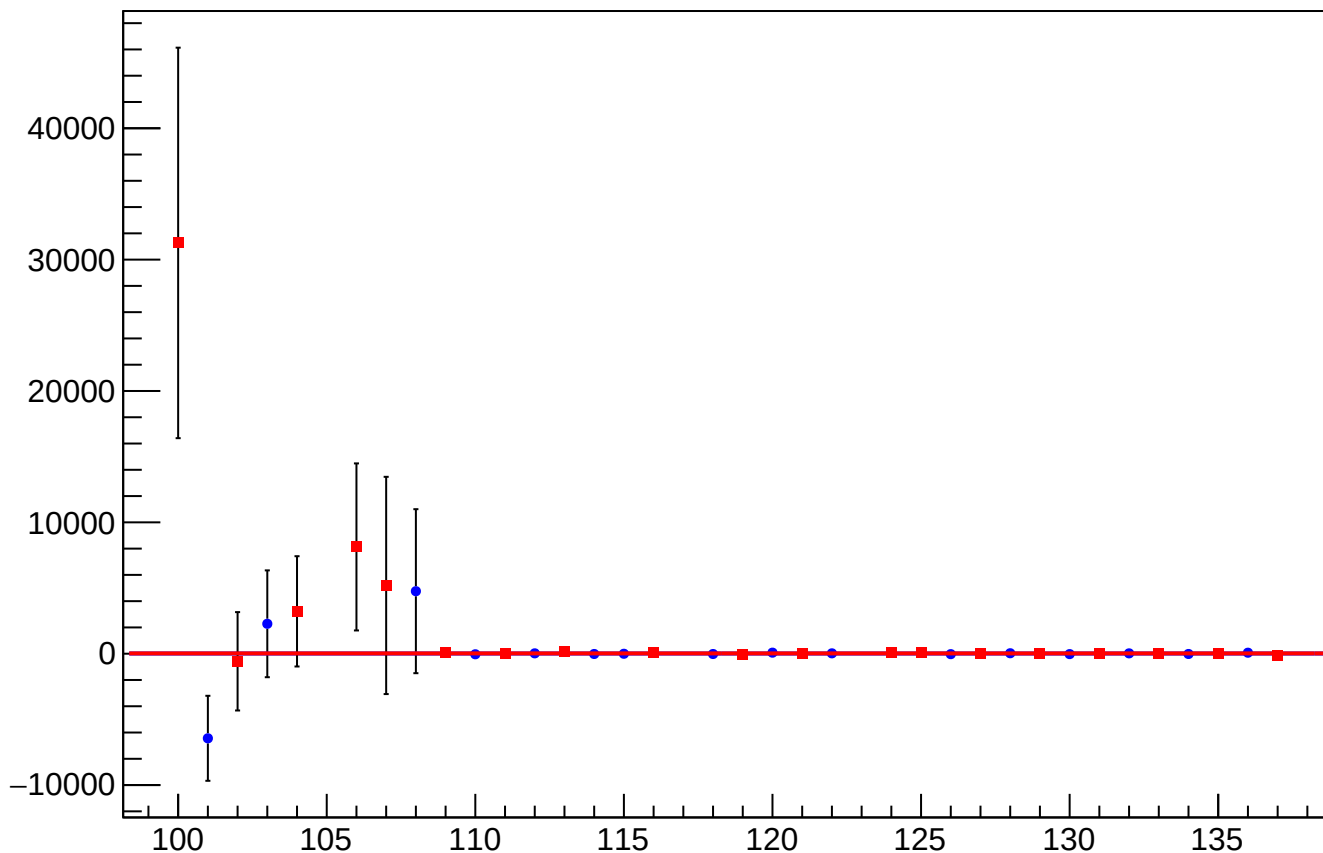
Right: 182.125+/-0.041 χ^2/NDF : 8185907.1/34

In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.125+/-0.041 χ^2/NDF : 8185907.1/34

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.230+/-13.181 χ^2/NDF : 28.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

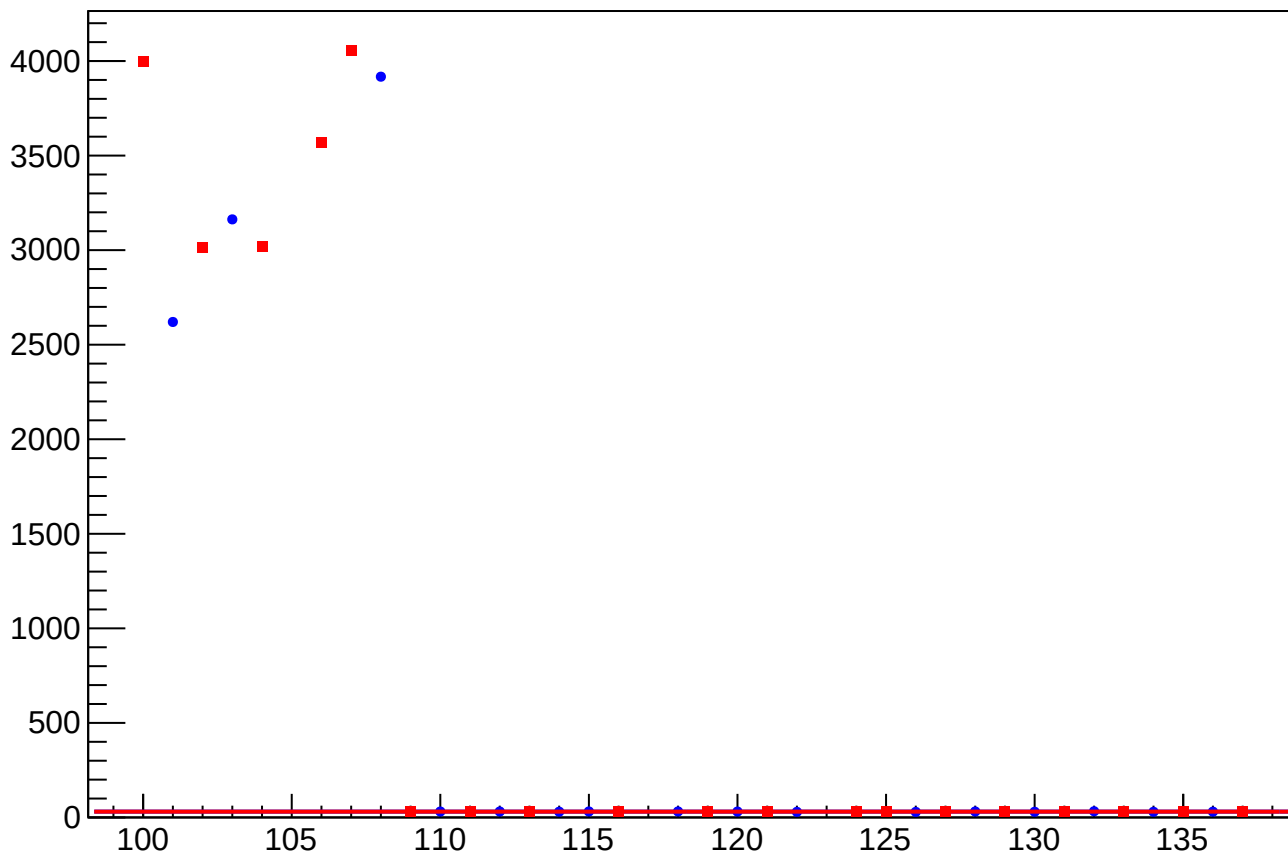
Right: 18.428+/-9.278 χ^2/NDF : 44.4/34

In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.428+/-9.278 χ^2/NDF : 44.4/34

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.009 χ^2/NDF : 3252607.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.777+/-0.009 χ^2/NDF : 3536234.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

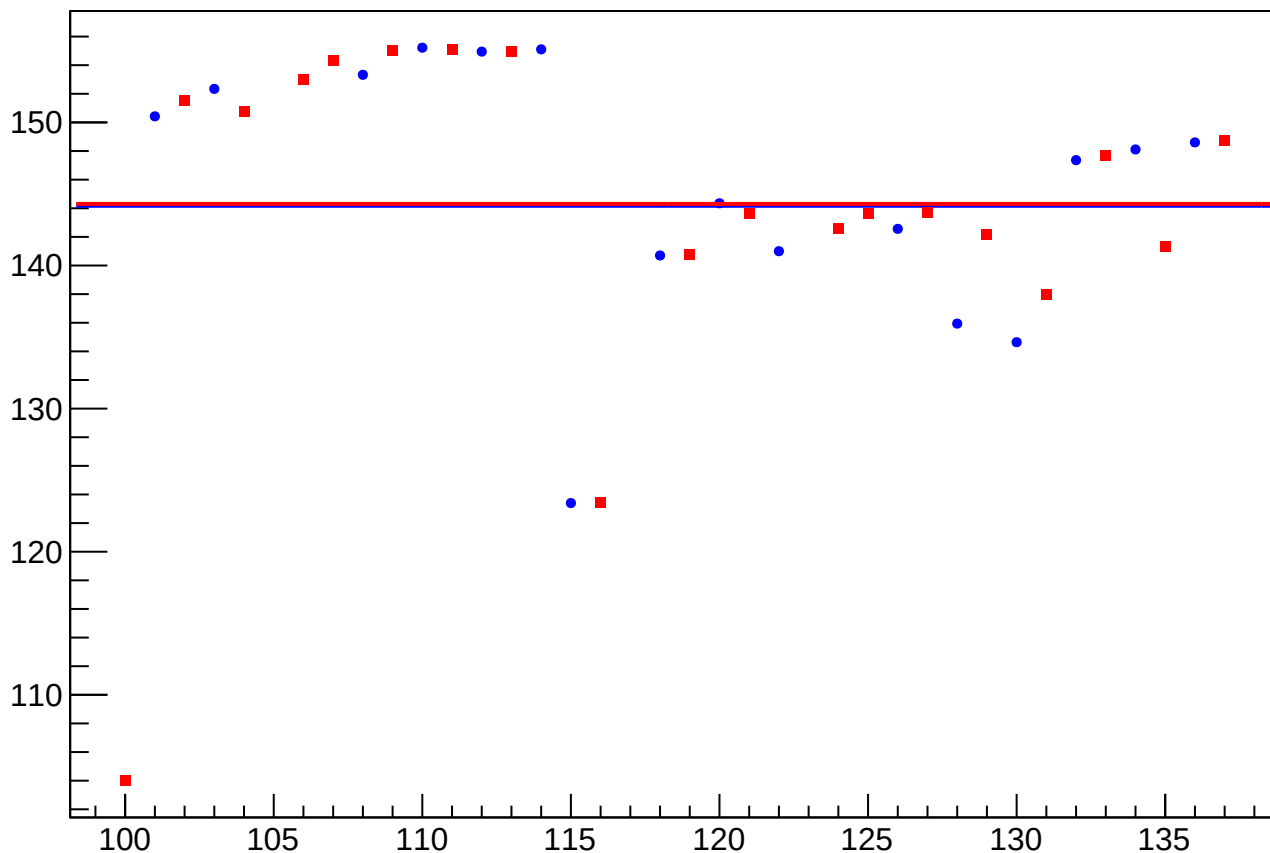
Right: 30.853+/-0.007 χ^2/NDF : 6788975.5/34

In: 30.928+/-0.009 χ^2/NDF : 3252607.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

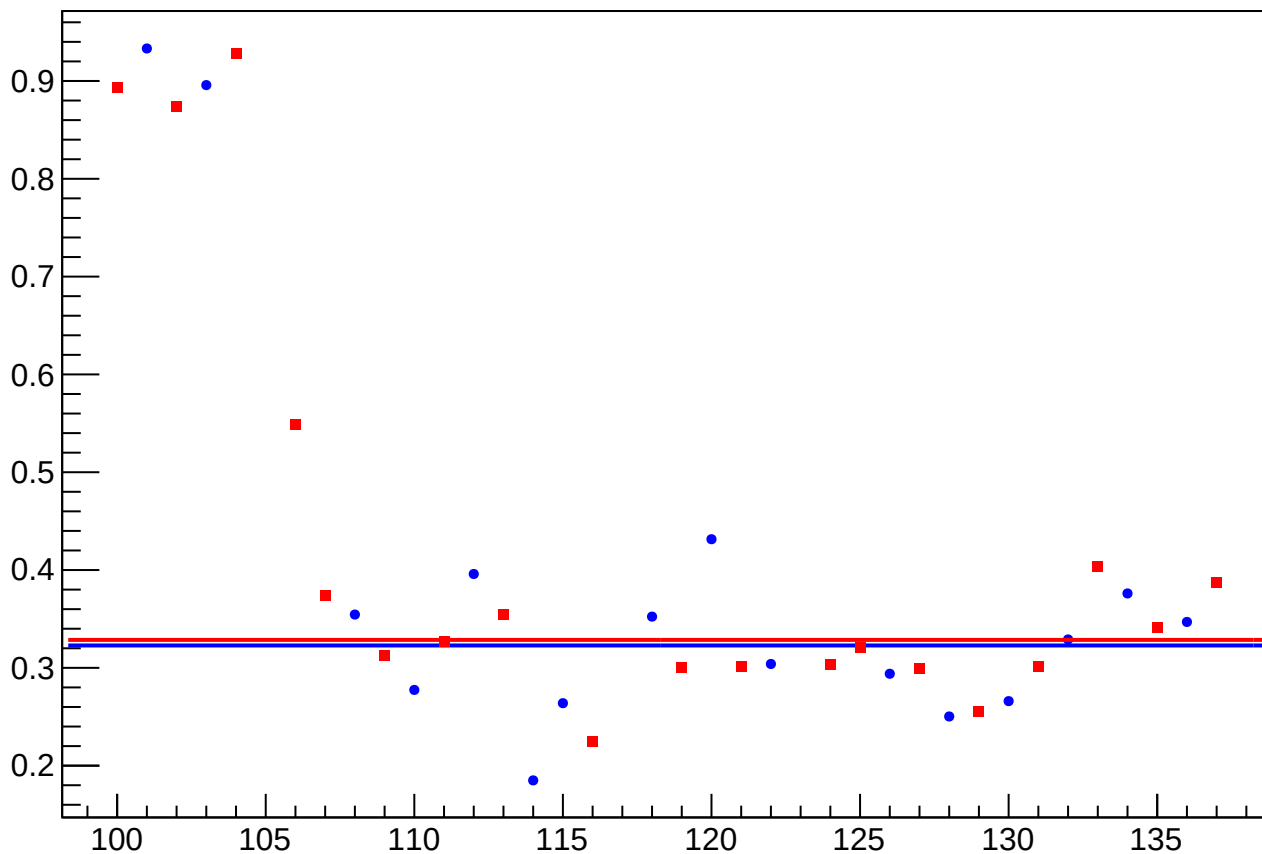
All: 30.853+/-0.007 χ^2/NDF : 6788975.5/34

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 144.176+/-0.000 χ^2/NDF : 3724747268.7/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 144.304+/-0.000 χ^2/NDF : 4264494940.7/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.240+/-0.000 χ^2/NDF : 7989709366.0

yield_bcm_target_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1396024.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.329+/-0.000 χ^2/NDF : 1304148.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

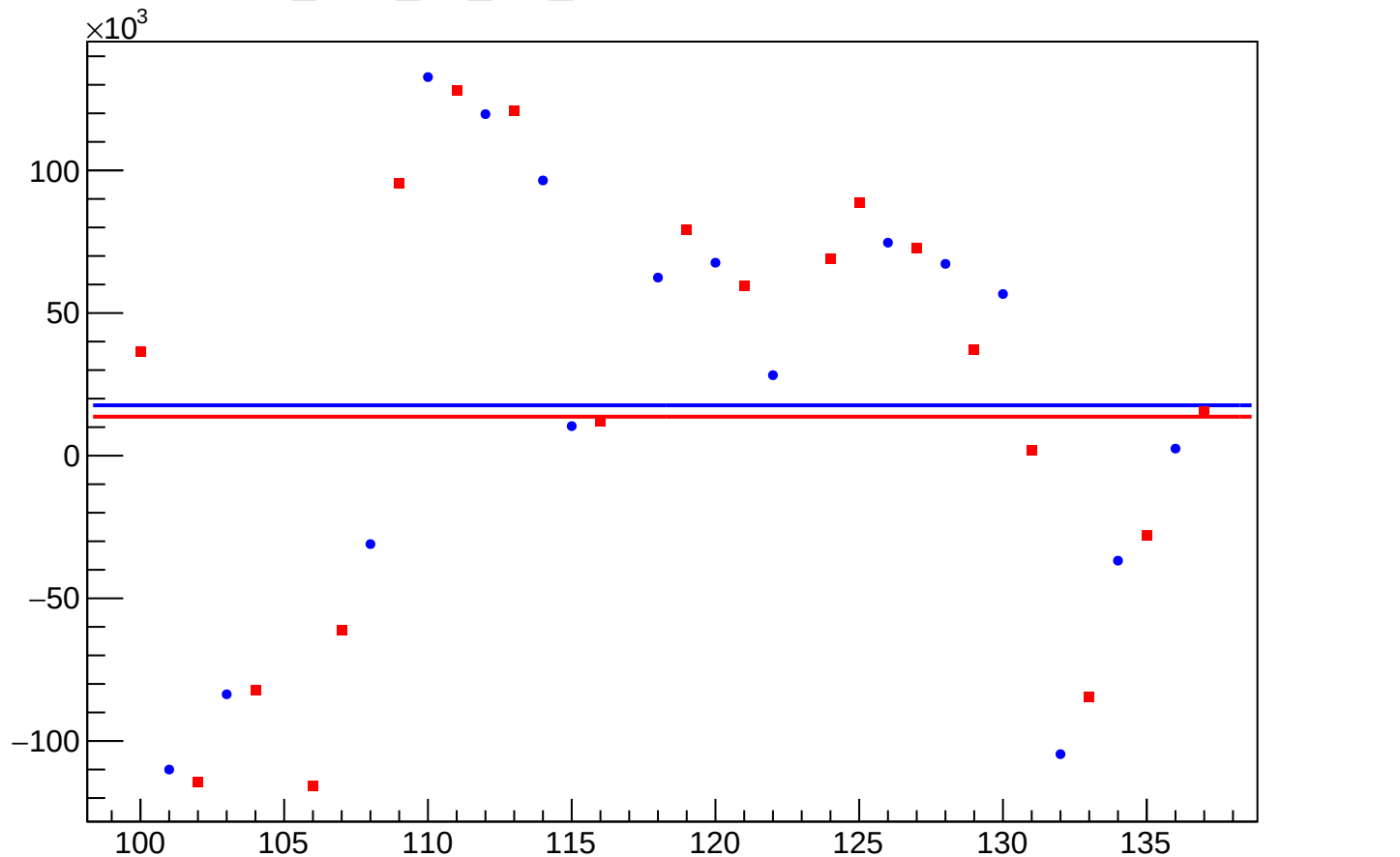
Right: 0.326+/-0.000 χ^2/NDF : 2702003.2/34

In: 0.323+/-0.000 χ^2/NDF : 1396024.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

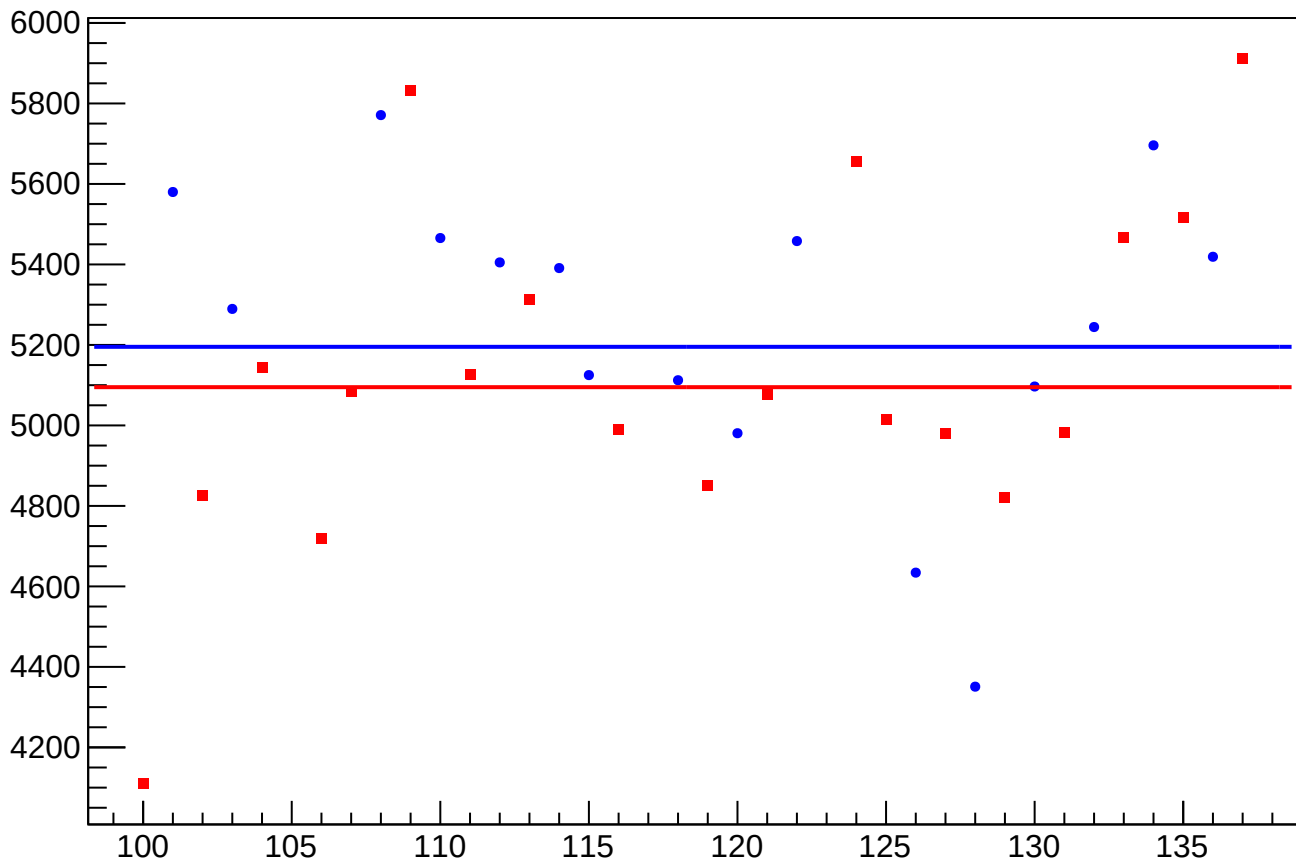
All: 0.326+/-0.000 χ^2/NDF : 2702003.2/34

yield_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: 17663.790 $\pm$ 2.006 χ^2 /NDF: 1398738701.8/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 13666.312 $\pm$ 1.925 χ^2 /NDF: 1856962869.6/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 15583.102 $\pm$ 1.389 χ^2 /NDF: 3257769505.5/30

yield_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 5195.298+/-1.418 χ^2/NDF : 77166.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5095.047+/-1.361 χ^2/NDF : 59112.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

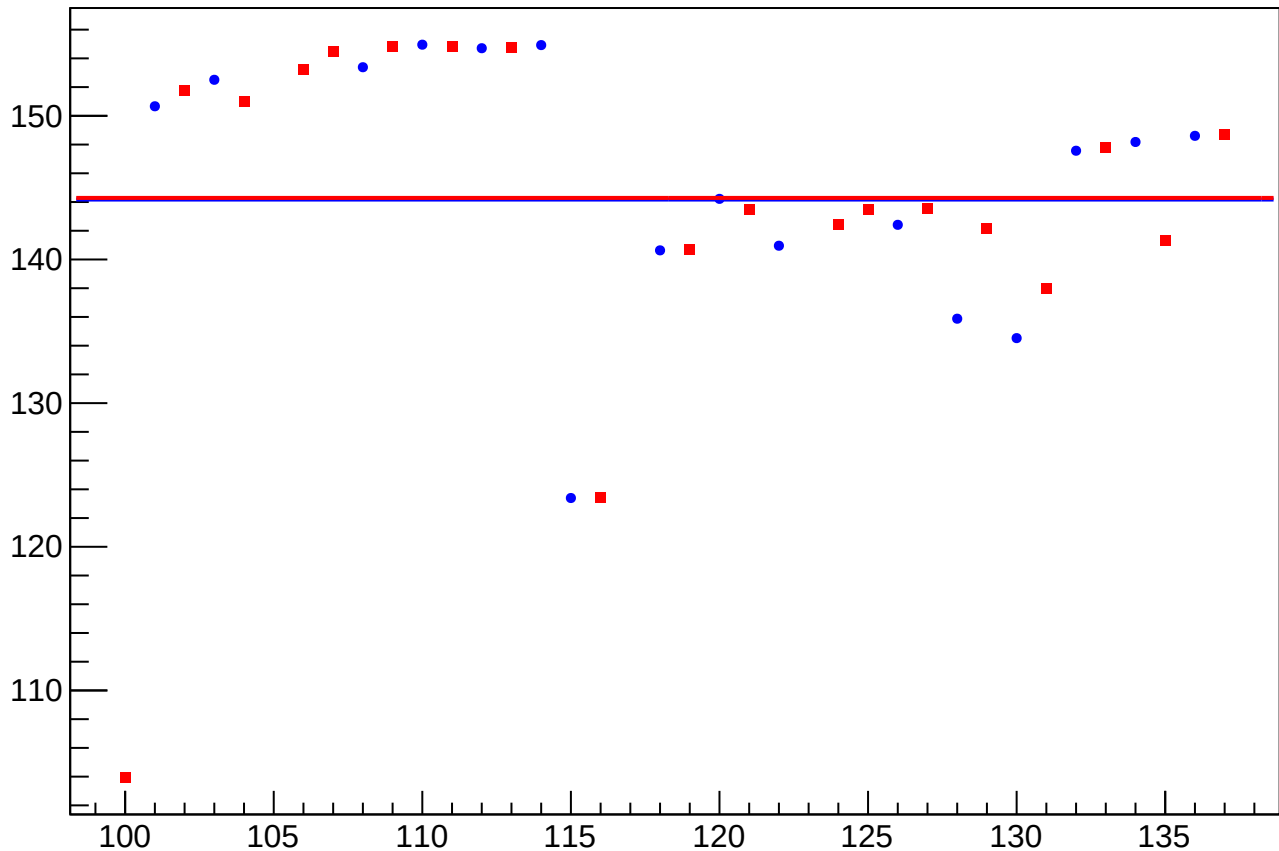
Right: 5143.118+/-0.982 χ^2/NDF : 138879.2/34

In: 5195.298+/-1.418 χ^2/NDF : 77166.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

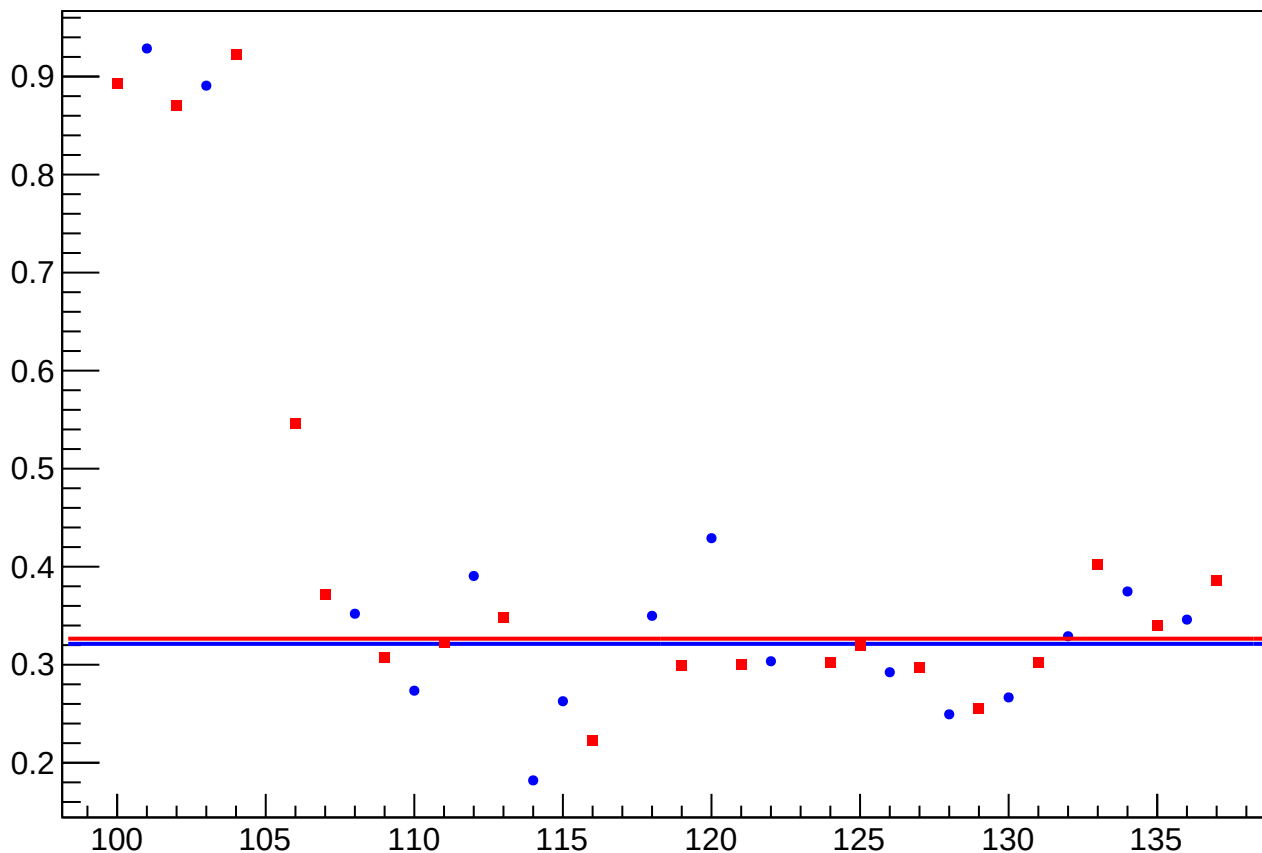
All: 5143.118+/-0.982 χ^2/NDF : 138879.2/34

yield_bcm_an_ds_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 144.172+/-0.000 χ^2 /NDF: 3764836520.0/15
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 144.286+/-0.000 χ^2 /NDF: 4290223847.7/18
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 144.229+/-0.000 χ^2 /NDF: 8055437753.5/34

yield_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 0.321+/-0.000 χ^2/NDF : 1396250.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.327+/-0.000 χ^2/NDF : 1302732.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

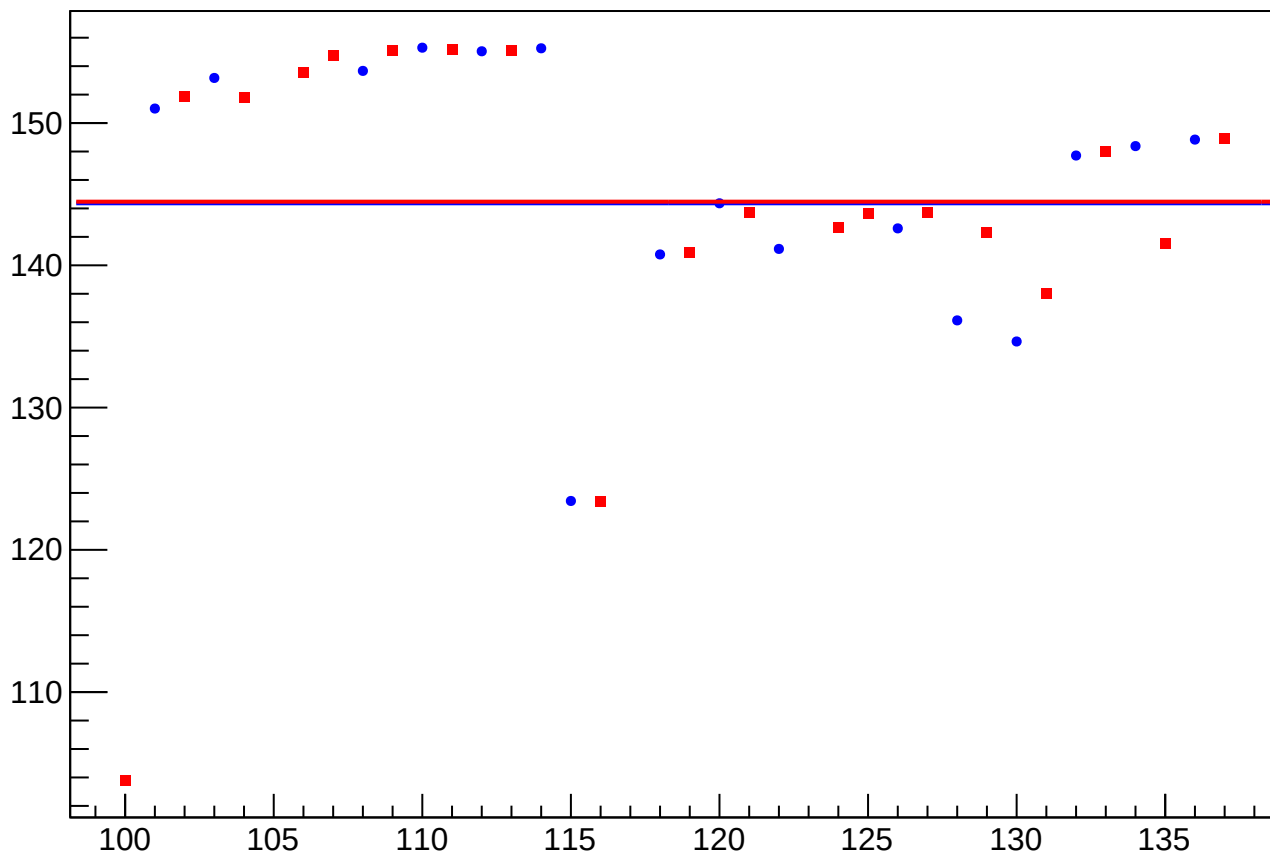
Right: 0.324+/-0.000 χ^2/NDF : 2700575.6/34

In: 0.321+/-0.000 χ^2/NDF : 1396250.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

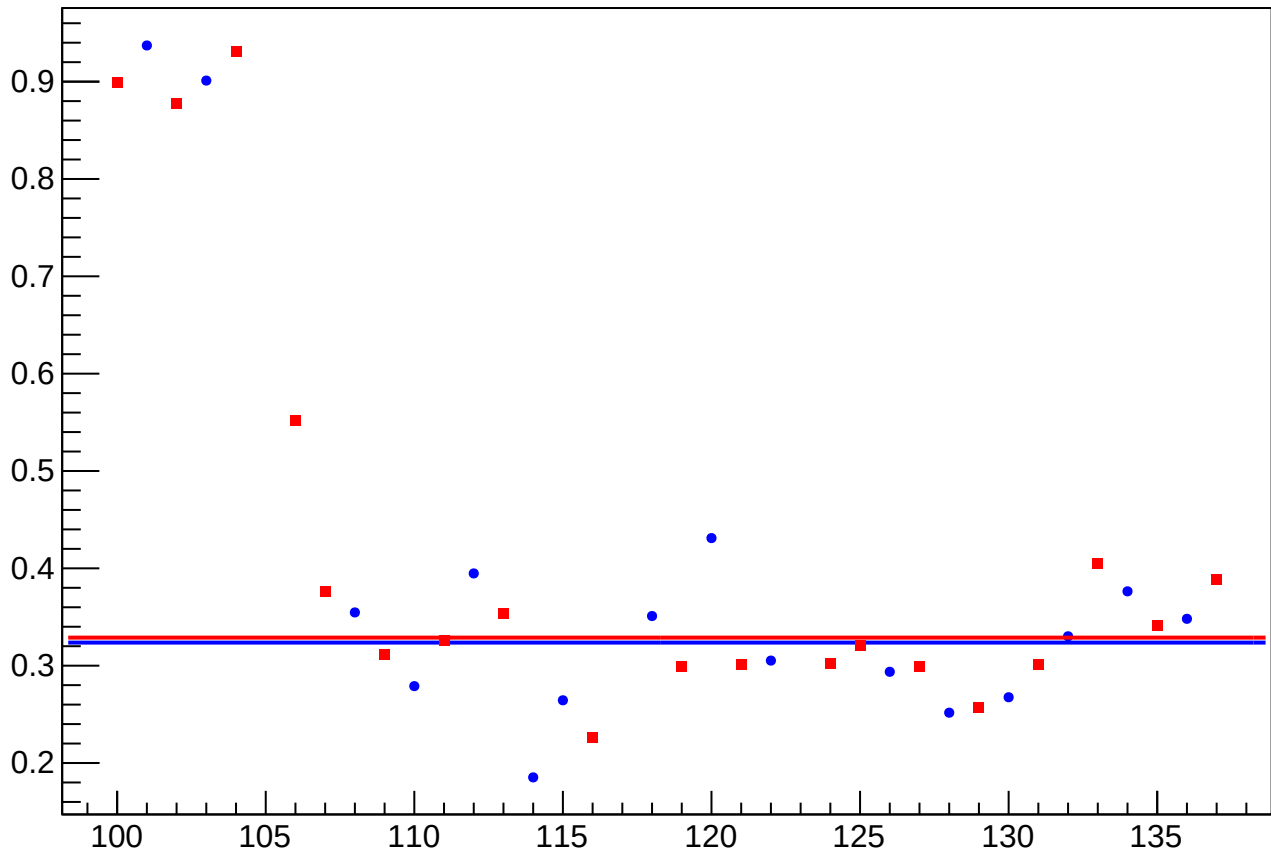
All: 0.324+/-0.000 χ^2/NDF : 2700575.6/34

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 144.361+/-0.000 χ^2 /NDF: 3758625293.6/15
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 144.475+/-0.000 χ^2 /NDF: 4281975463.8/18
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 144.417+/-0.000 χ^2 /NDF: 8040967165.8/34

yield_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 0.324+/-0.000 χ^2/NDF : 1392377.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.329+/-0.000 χ^2/NDF : 1303222.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

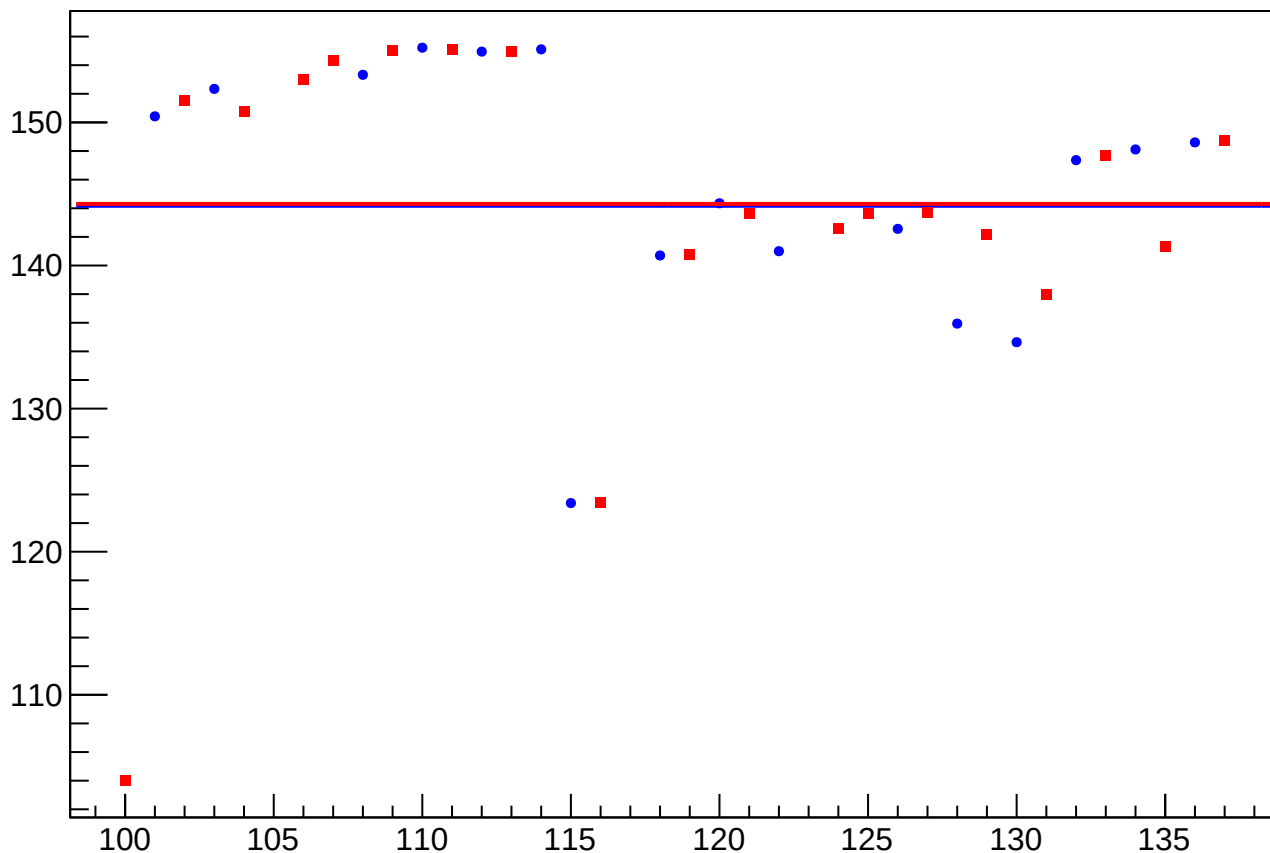
Right: 0.326+/-0.000 χ^2/NDF : 2697075.5/34

In: 0.324+/-0.000 χ^2/NDF : 1392377.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

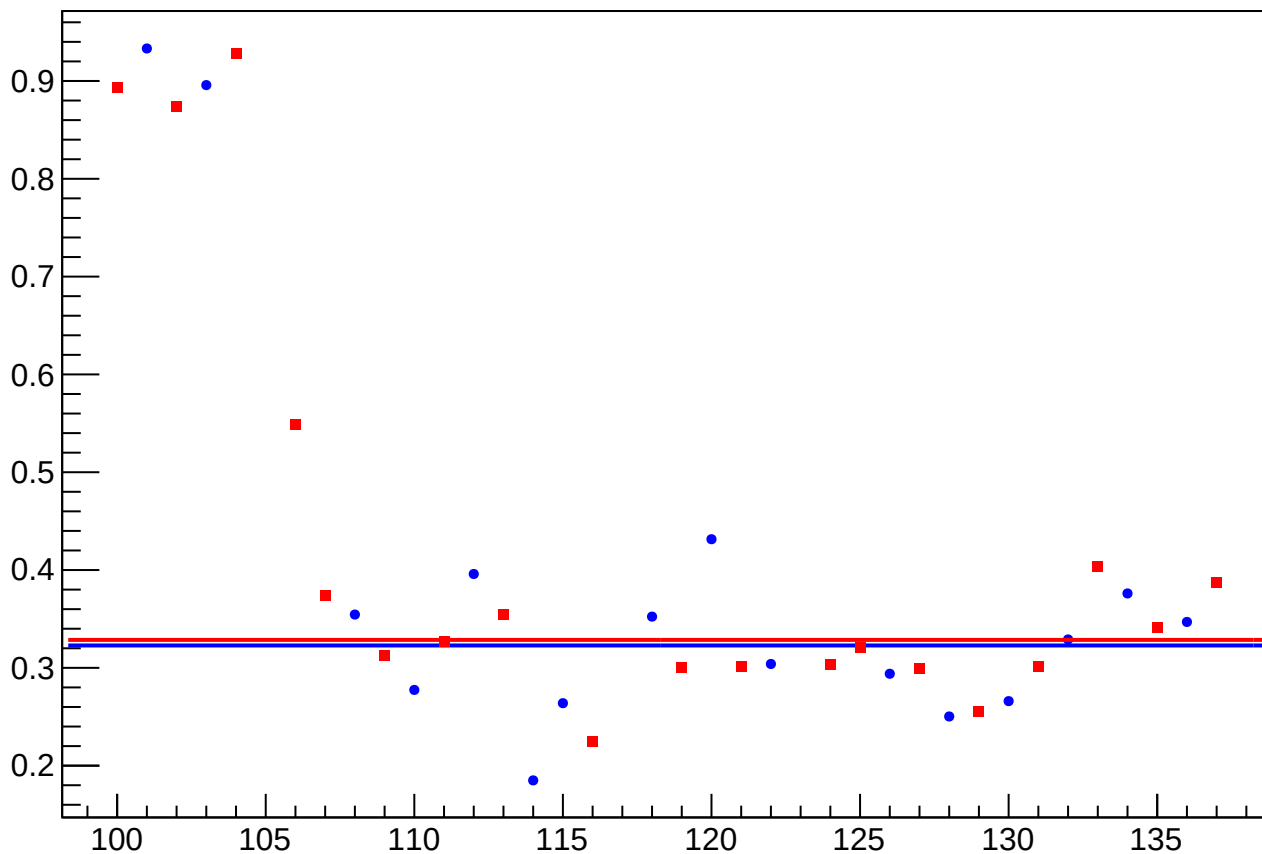
All: 0.326+/-0.000 χ^2/NDF : 2697075.5/34

yield_bcm_an_us_mean vs Slug, Sign Corrected



Right In: 144.176+/-0.000 χ^2/NDF : 3724747268.7/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 144.304+/-0.000 χ^2/NDF : 4264494940.7/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.240+/-0.000 χ^2/NDF : 7989709366.0

yield_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 0.323+/-0.000 χ^2/NDF : 1396024.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.329+/-0.000 χ^2/NDF : 1304148.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

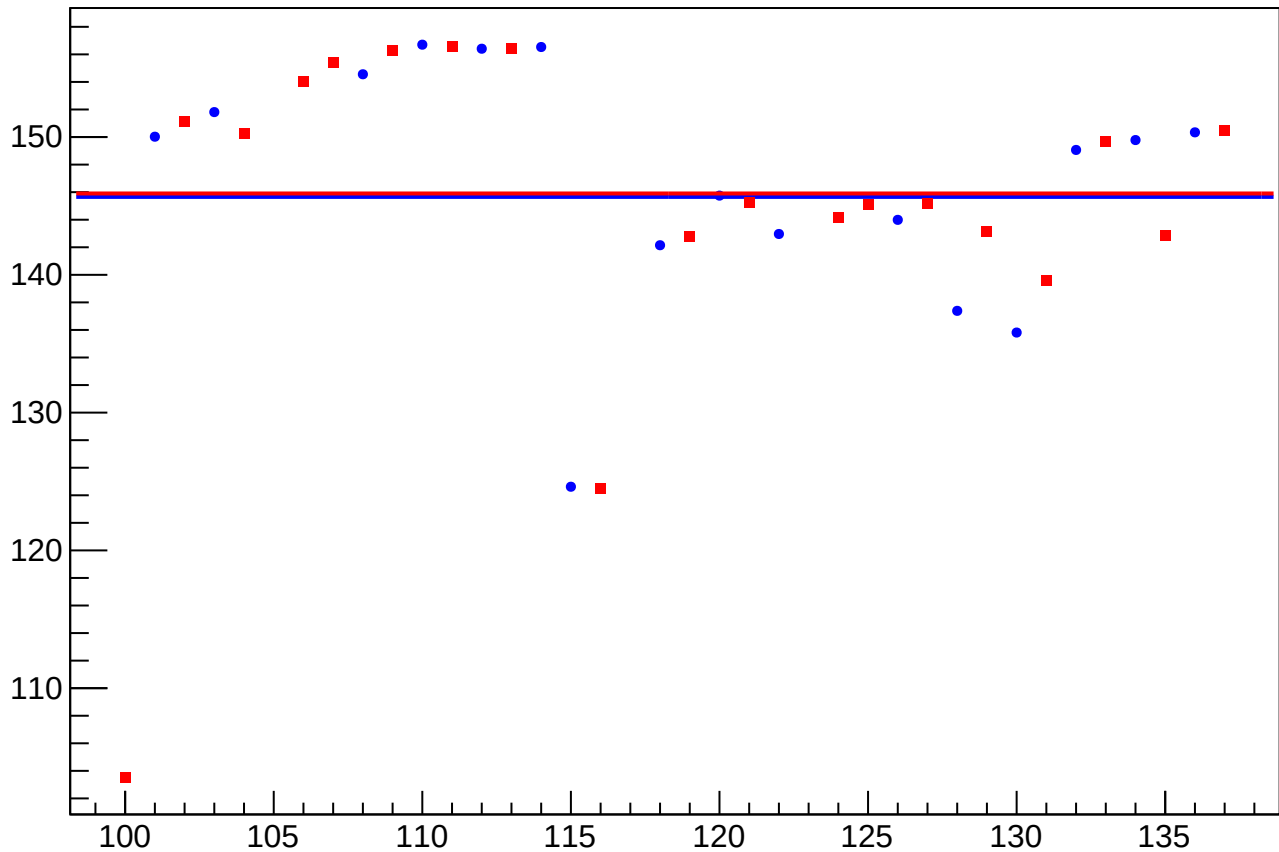
Right: 0.326+/-0.000 χ^2/NDF : 2702003.2/34

In: 0.323+/-0.000 χ^2/NDF : 1396024.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

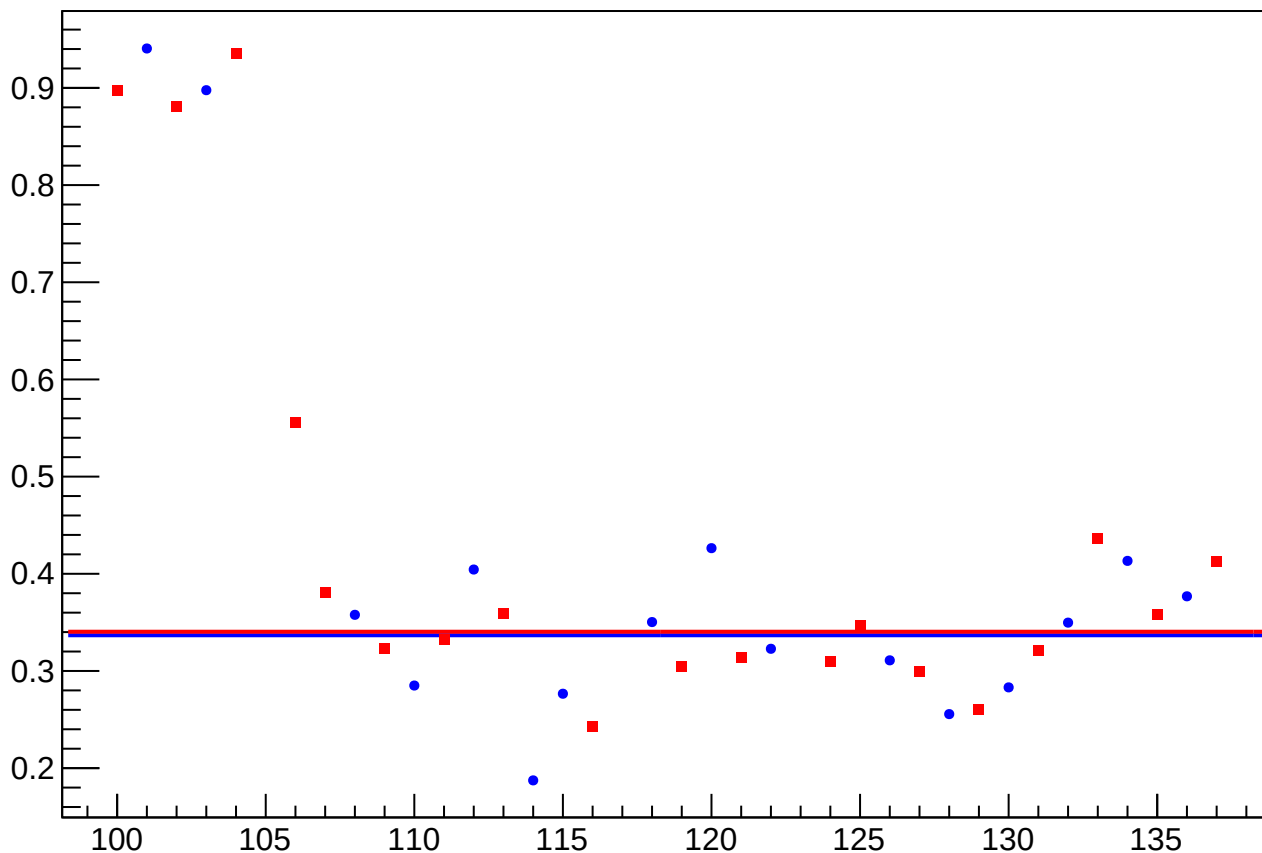
All: 0.326+/-0.000 χ^2/NDF : 2702003.2/34

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 145.657 $\pm$ 0.000 χ^2 /NDF: 3481495345.2/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 145.781 $\pm$ 0.000 χ^2 /NDF: 7346117767.9/34
 Right Out: 145.904 $\pm$ 0.000 χ^2 /NDF: 3863011865.2/18
 In: 145.657 $\pm$ 0.000 χ^2 /NDF: 3481495345.2/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 145.781 $\pm$ 0.000 χ^2 /NDF: 7346117767.9

yield_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 0.337+/-0.000 χ^2/NDF : 1370512.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.340+/-0.000 χ^2/NDF : 1274717.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

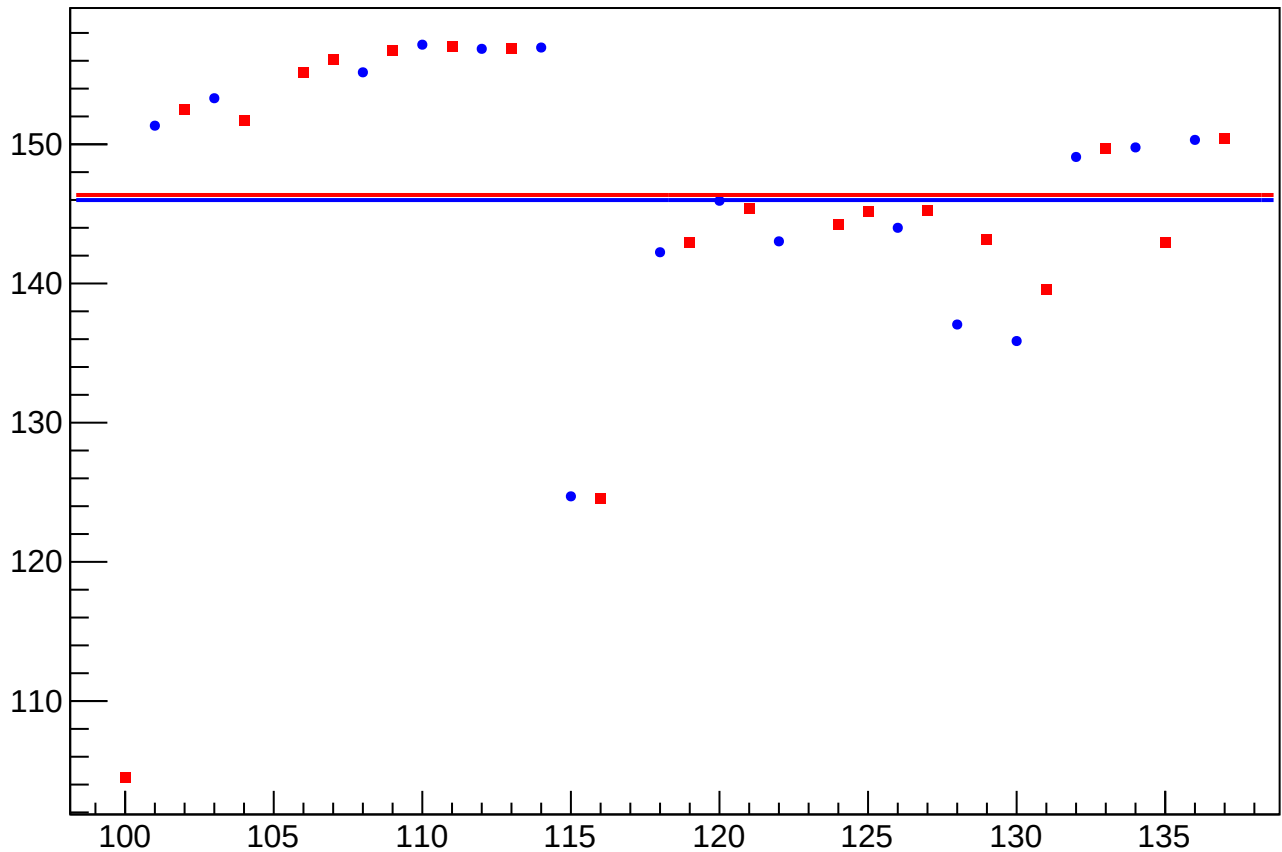
Right: 0.339+/-0.000 χ^2/NDF : 2645924.6/34

In: 0.337+/-0.000 χ^2/NDF : 1370512.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

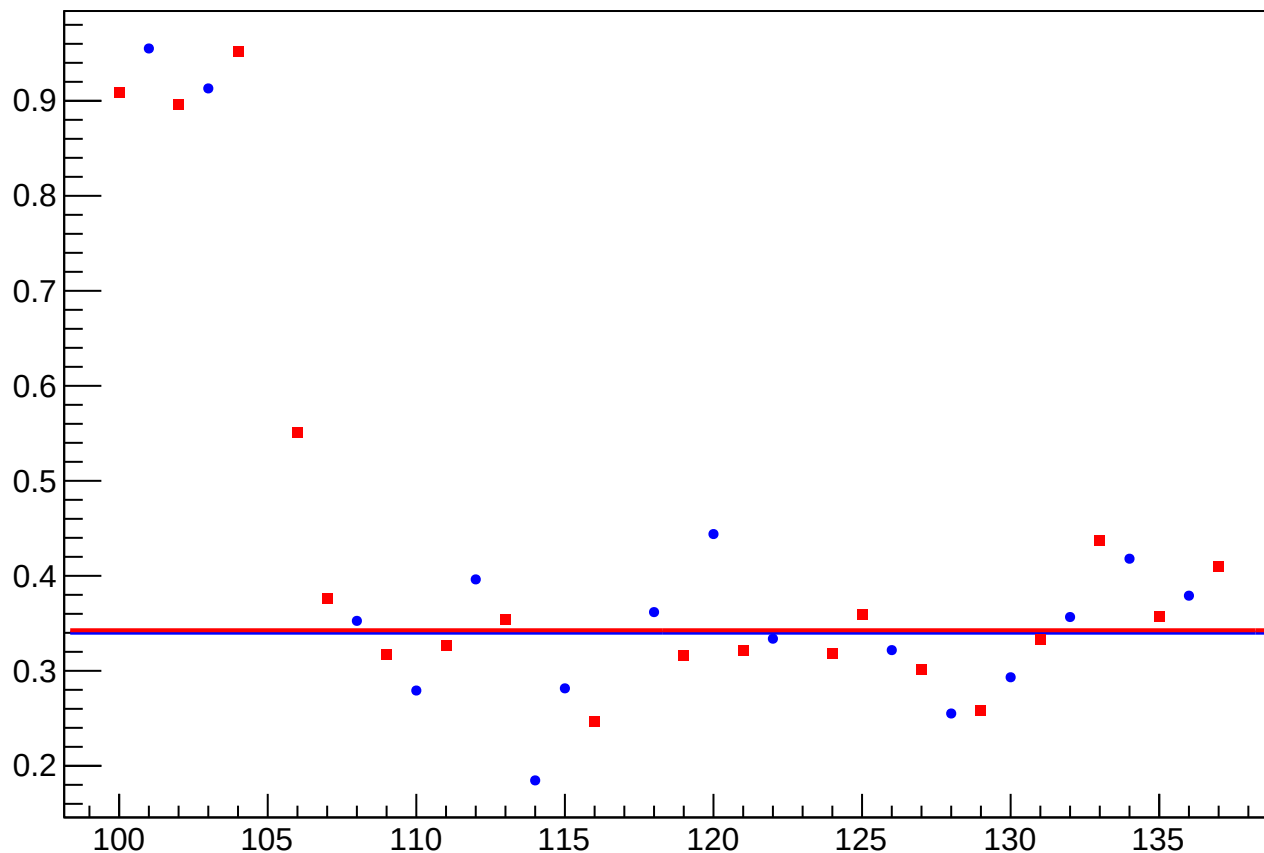
All: 0.339+/-0.000 χ^2/NDF : 2645924.6/34

yield_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: 145.993 $\pm$ 0.000 χ^2 /NDF: 3621634656.4/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 146.358 $\pm$ 0.000 χ^2 /NDF: 3963122316.1/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 146.176 $\pm$ 0.000 χ^2 /NDF: 7588198619.6/34
 In: 145.993 $\pm$ 0.000 χ^2 /NDF:3621634656.4/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 146.176 $\pm$ 0.000 χ^2 /NDF: 7588198619.6

yield_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 0.340+/-0.000 χ^2/NDF : 1393222.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.343+/-0.000 χ^2/NDF : 1270731.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

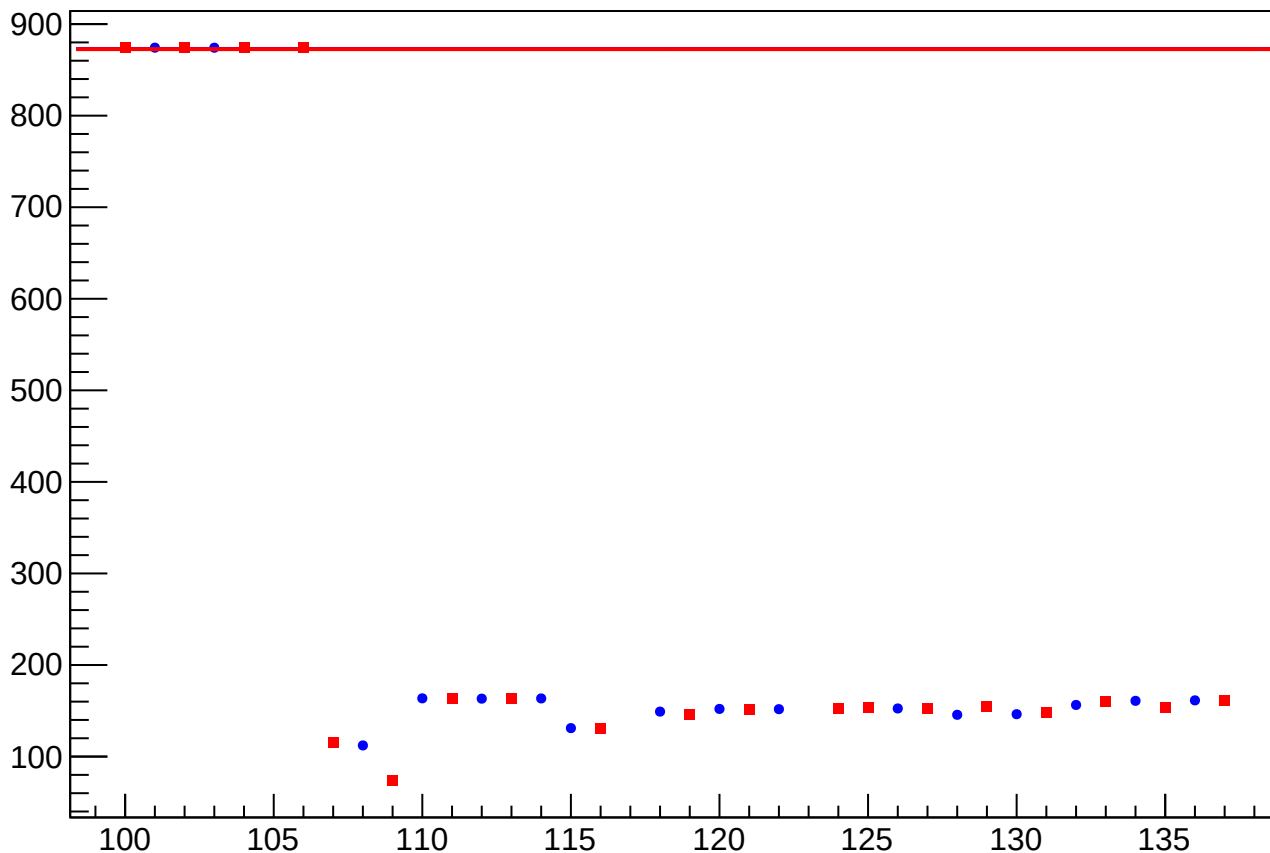
Right: 0.341+/-0.000 χ^2/NDF : 2664290.2/34

In: 0.340+/-0.000 χ^2/NDF : 1393222.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.341+/-0.000 χ^2/NDF : 2664290.2/34

yield_cav4bQ_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 872.822+/-0.000 χ^2 /NDF: 7191496833472.3/15

Right: 872.744+/-0.000 χ^2 /NDF: 16358876765227.4

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

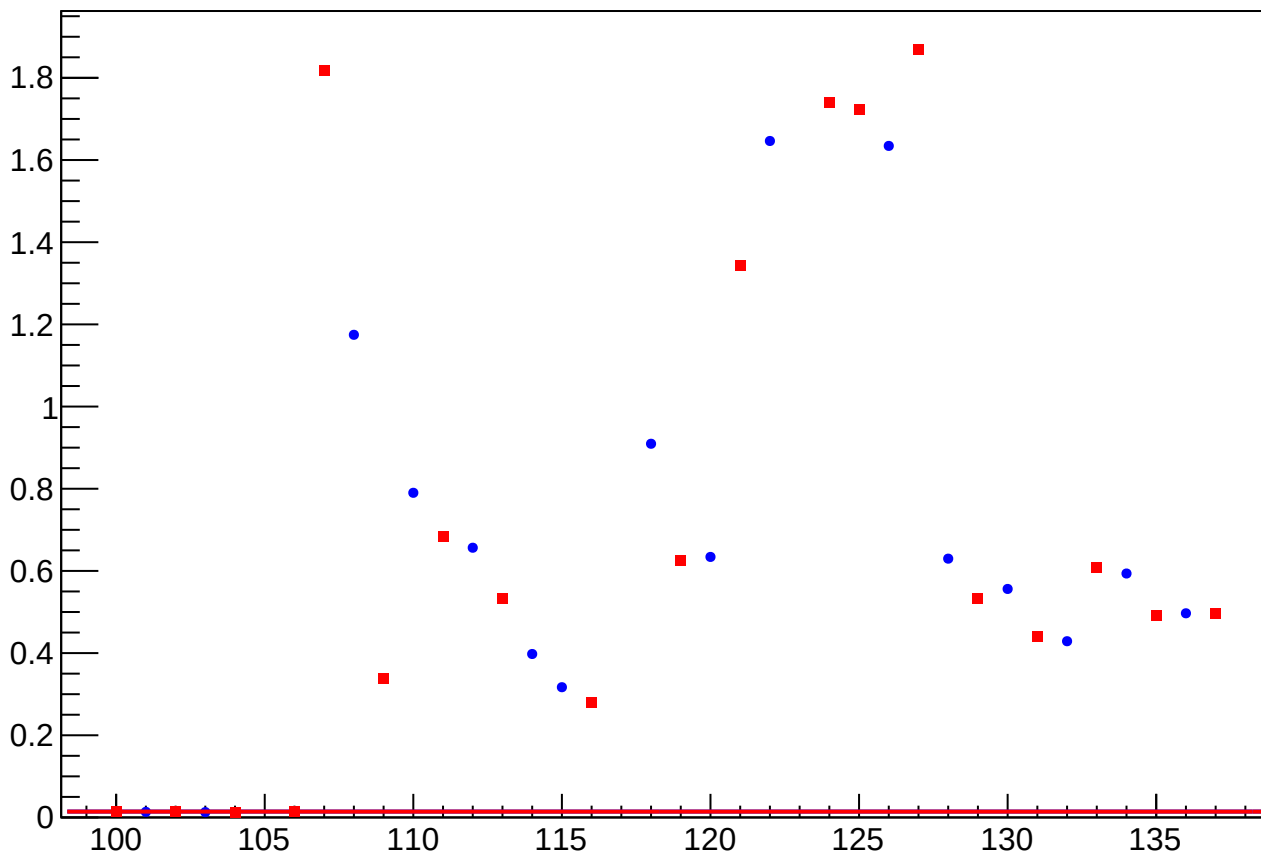
Right Out: 872.676+/-0.000 χ^2 /NDF: 9167298490018.9/18

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 872.744+/-0.000 χ^2 /NDF: 16358876765227.4

yield_cav4bQ_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 9622176.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 9410025.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

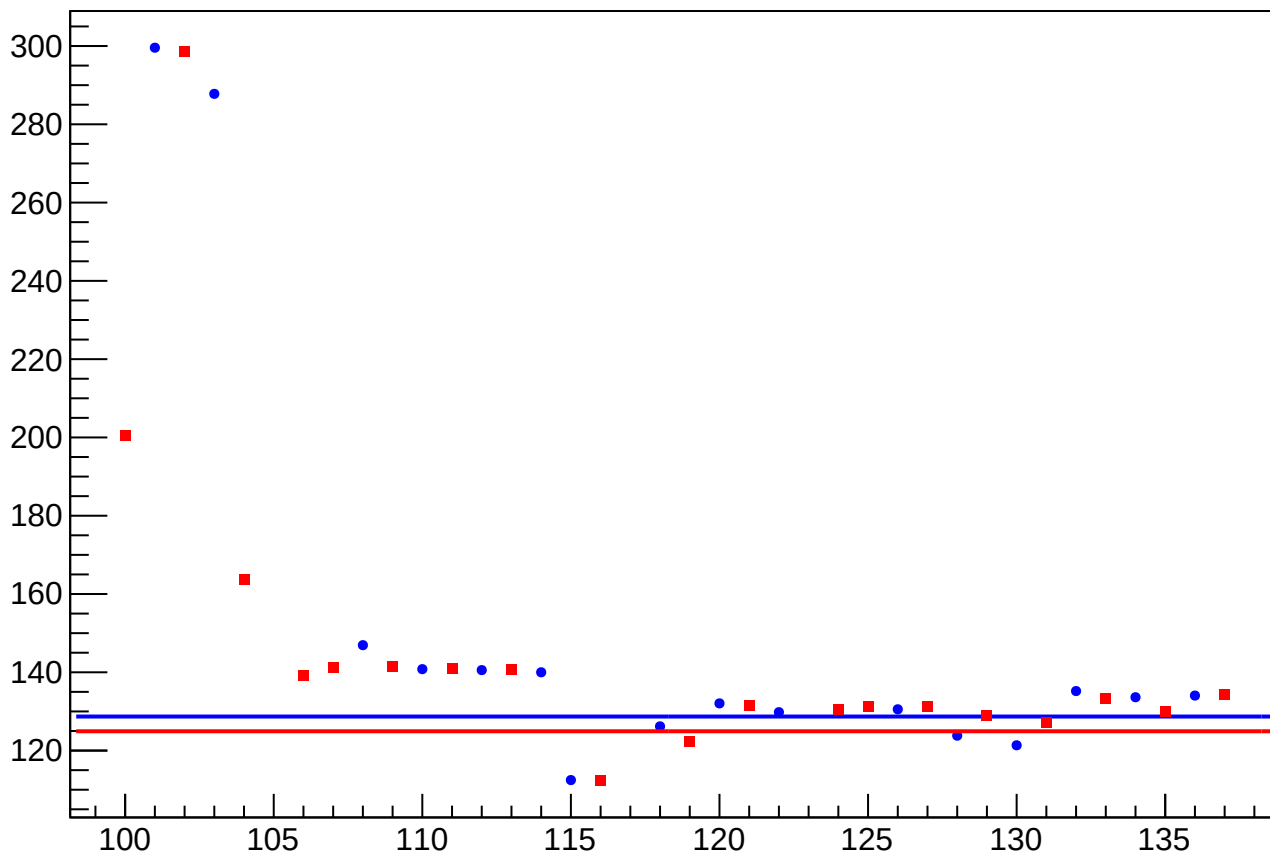
Right: 0.014+/-0.000 χ^2/NDF : 19032353.5/34

In: 0.014+/-0.000 χ^2/NDF :9622176.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

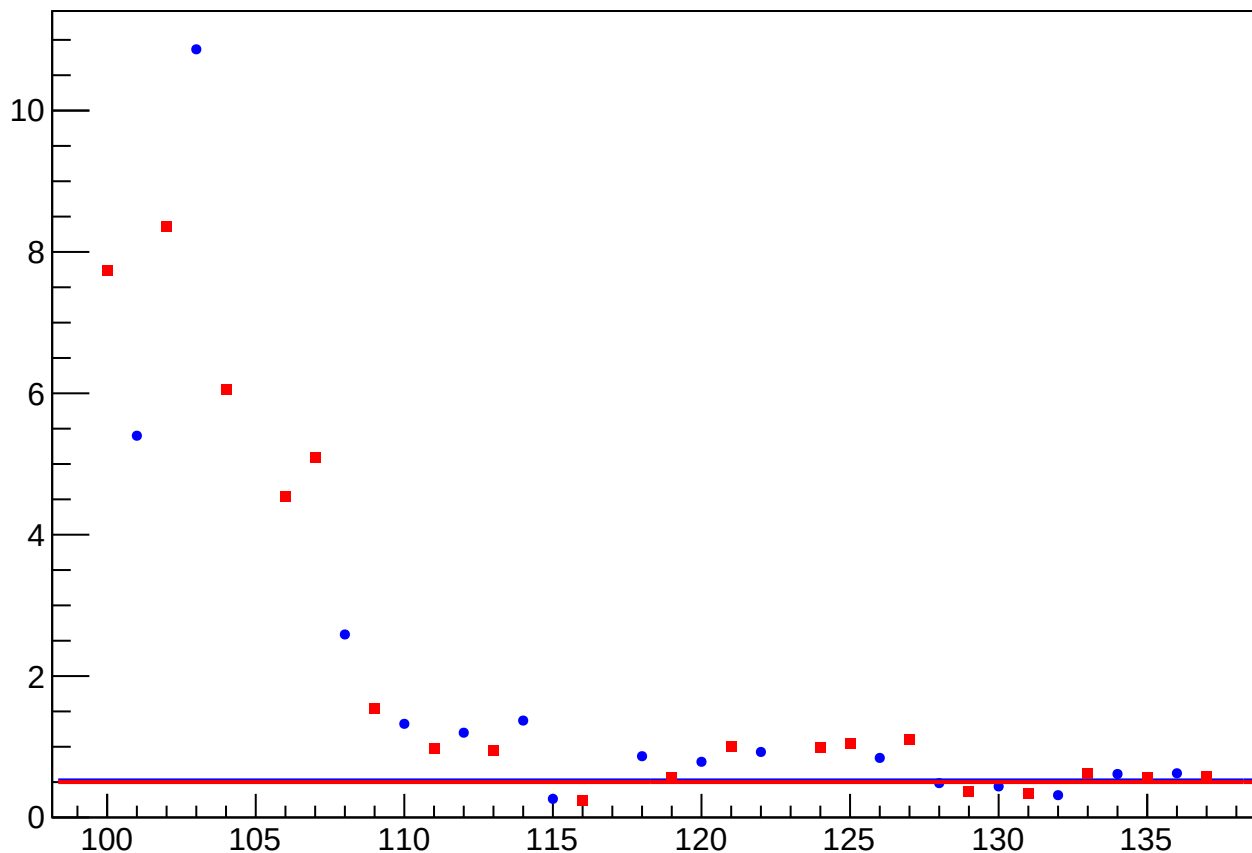
All: 0.014+/-0.000 χ^2/NDF : 19032353.5/34

yield_cav4cQ_mean vs Slug, Sign Corrected



Right In: 128.701+/-0.000 χ^2/NDF : 1656162604.0/15
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 126.772+/-0.000 χ^2/NDF : 3151132983.0/34
 Right Out: 124.935+/-0.000 χ^2/NDF : 1397923053.7/18
 In: 128.701+/-0.000 χ^2/NDF : 1656162604.0/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 126.772+/-0.000 χ^2/NDF : 3151132983.0

yield_cav4cQ_rms vs Slug, Sign Corrected



Right In: 0.524+/-0.000 χ^2/NDF : 4138409.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.501+/-0.000 χ^2/NDF : 4884137.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

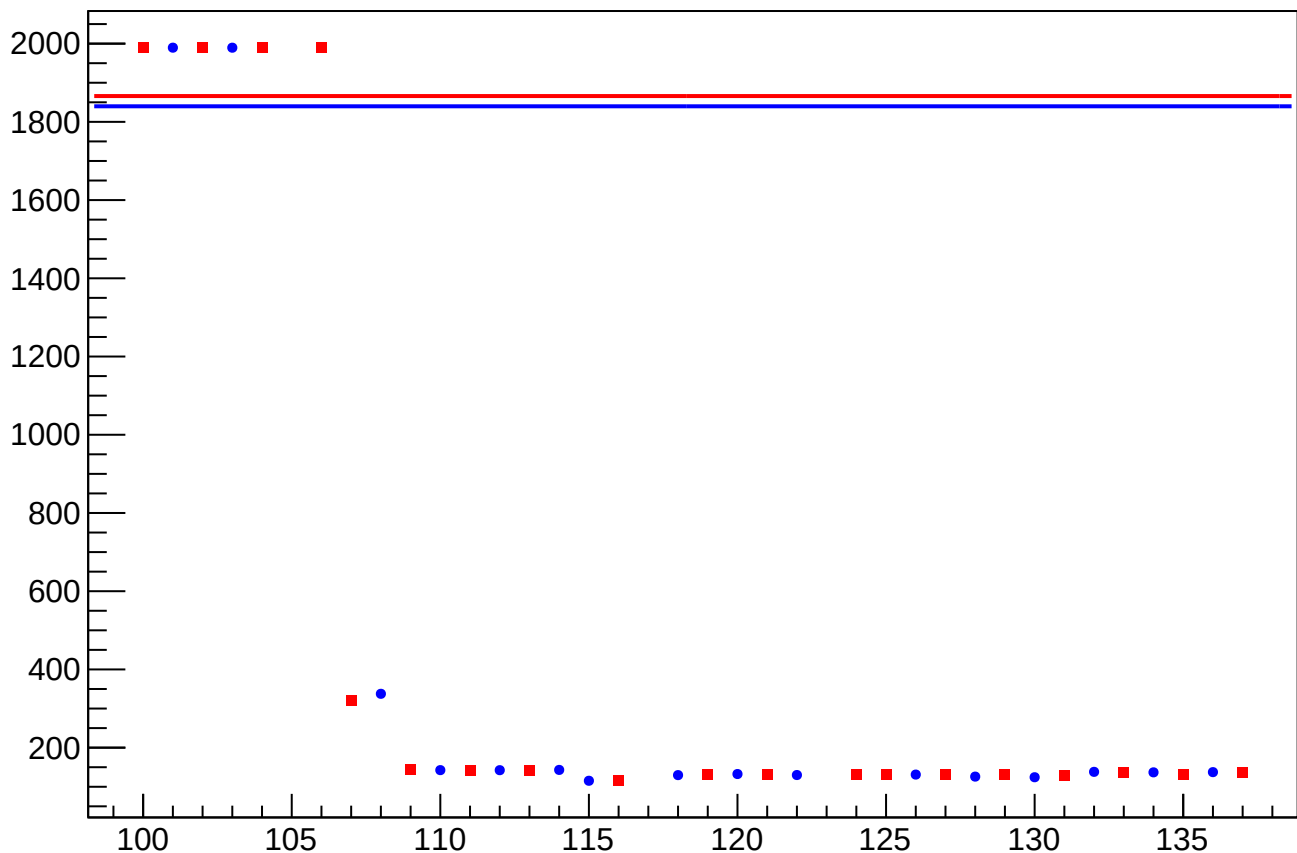
Right: 0.512+/-0.000 χ^2/NDF : 9030118.3/34

In: 0.524+/-0.000 χ^2/NDF : 4138409.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

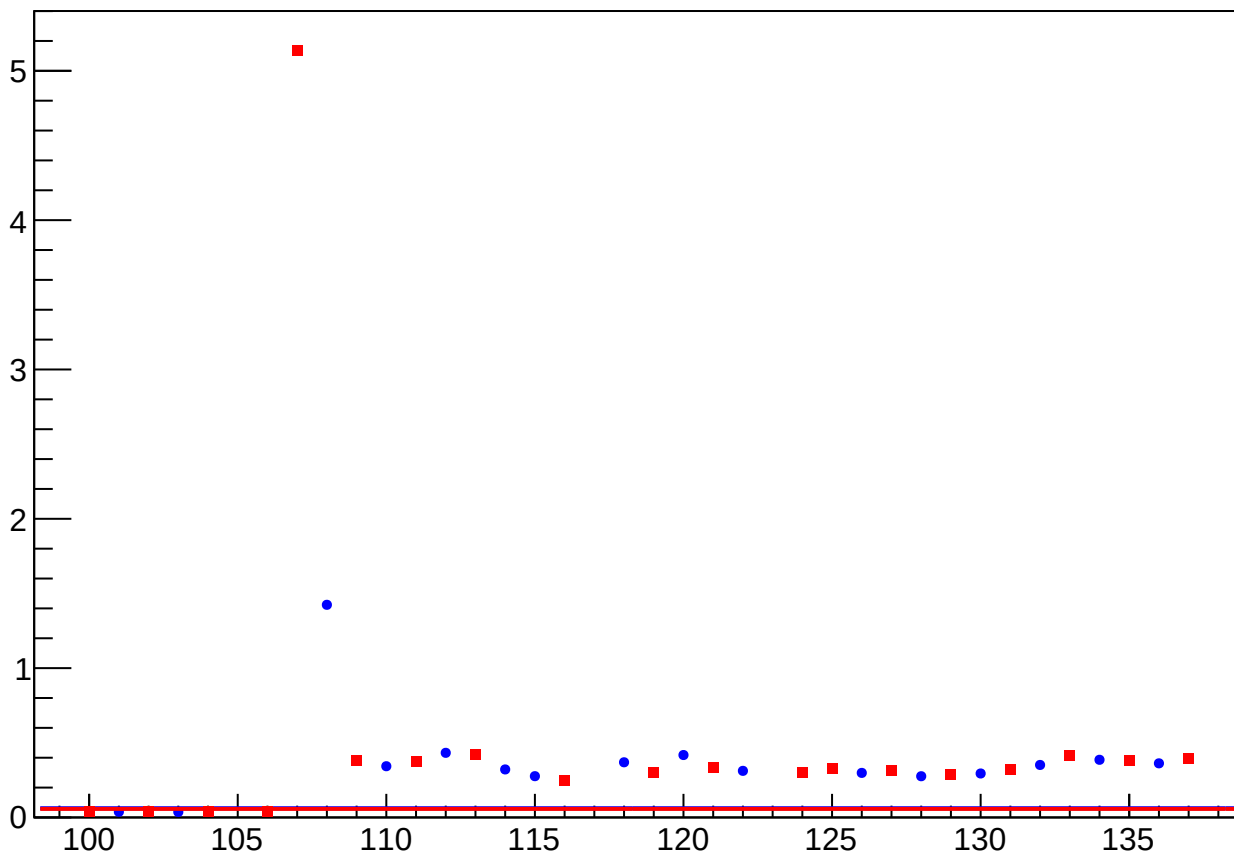
All: 0.512+/-0.000 χ^2/NDF : 9030118.3/34

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1839.782+/-0.000 χ^2/NDF : 145916014549797.4/15
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 1853.888+/-0.000 χ^2/NDF : 28889579860593
 In: 1839.782+/-0.000 χ^2/NDF : 145916014549797.4/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1853.888+/-0.000 χ^2/NDF : 28889579860593

yield_cav4dQ_rms vs Slug, Sign Corrected



Right In: 0.062+/-0.000 χ^2/NDF : 8173578.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 7741927.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

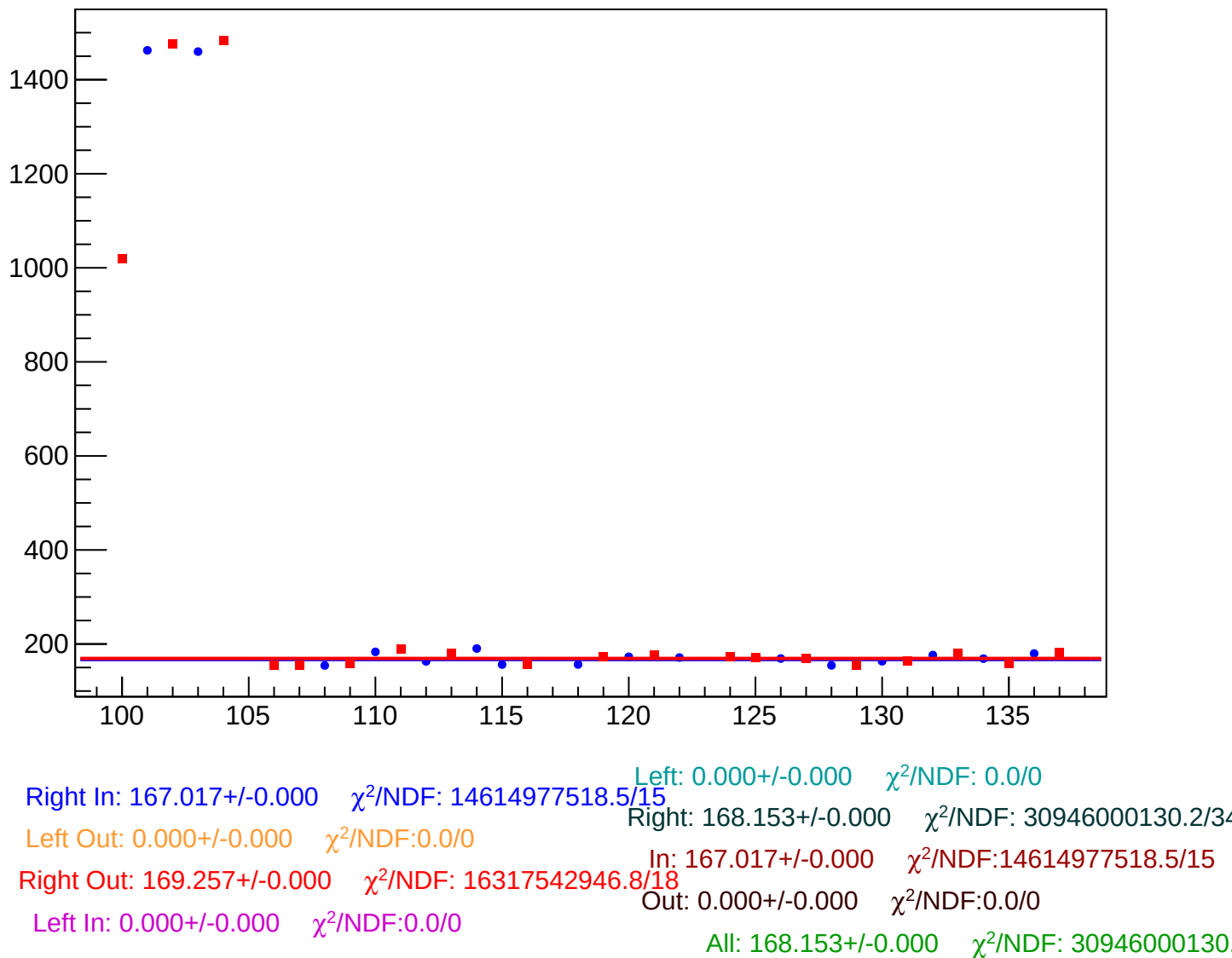
Right: 0.059+/-0.000 χ^2/NDF : 15927866.9/34

In: 0.062+/-0.000 χ^2/NDF : 8173578.9/15

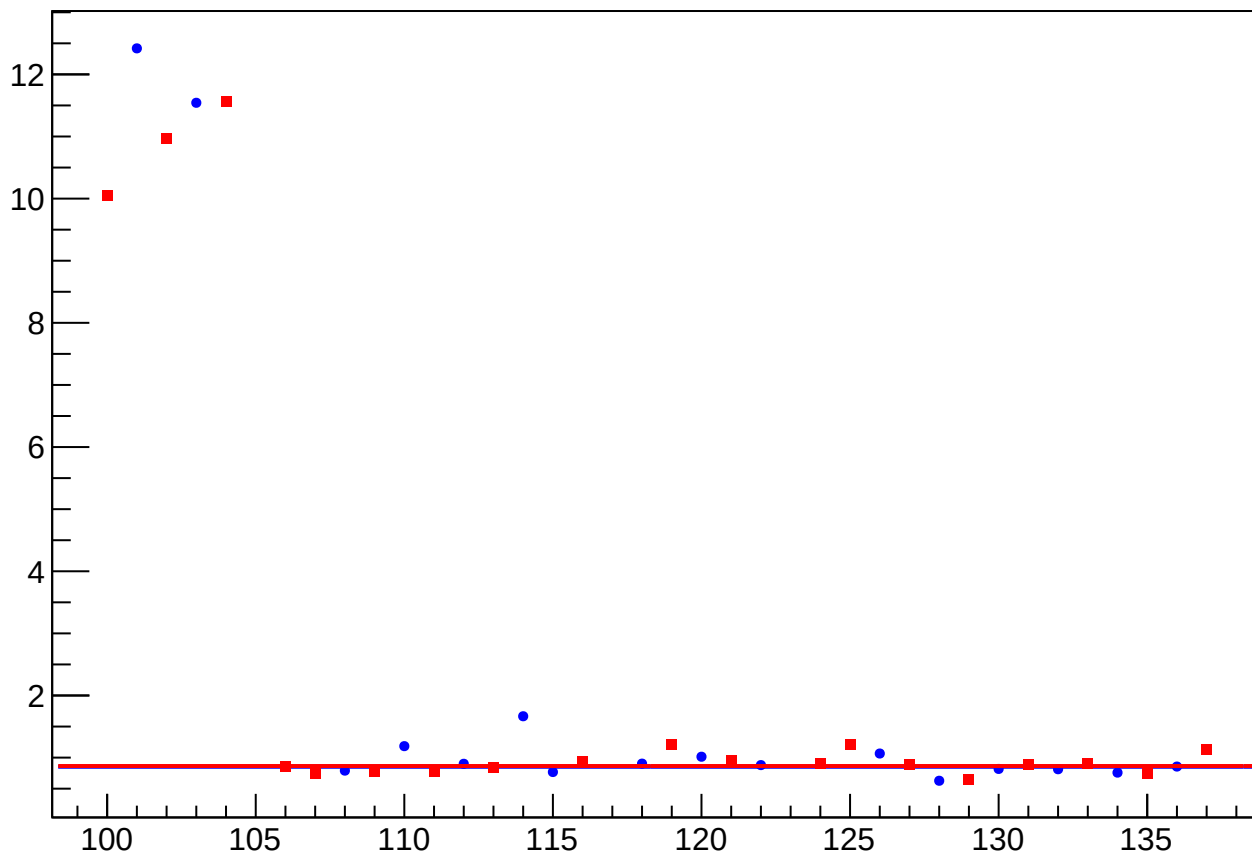
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.000 χ^2/NDF : 15927866.9/34

yield_bcm0l02_mean vs Slug, Sign Corrected



yield_bcm0l02_rms vs Slug, Sign Corrected



Right In: 0.853+/-0.000 χ^2/NDF : 2302297.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.864+/-0.000 χ^2/NDF : 2209232.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

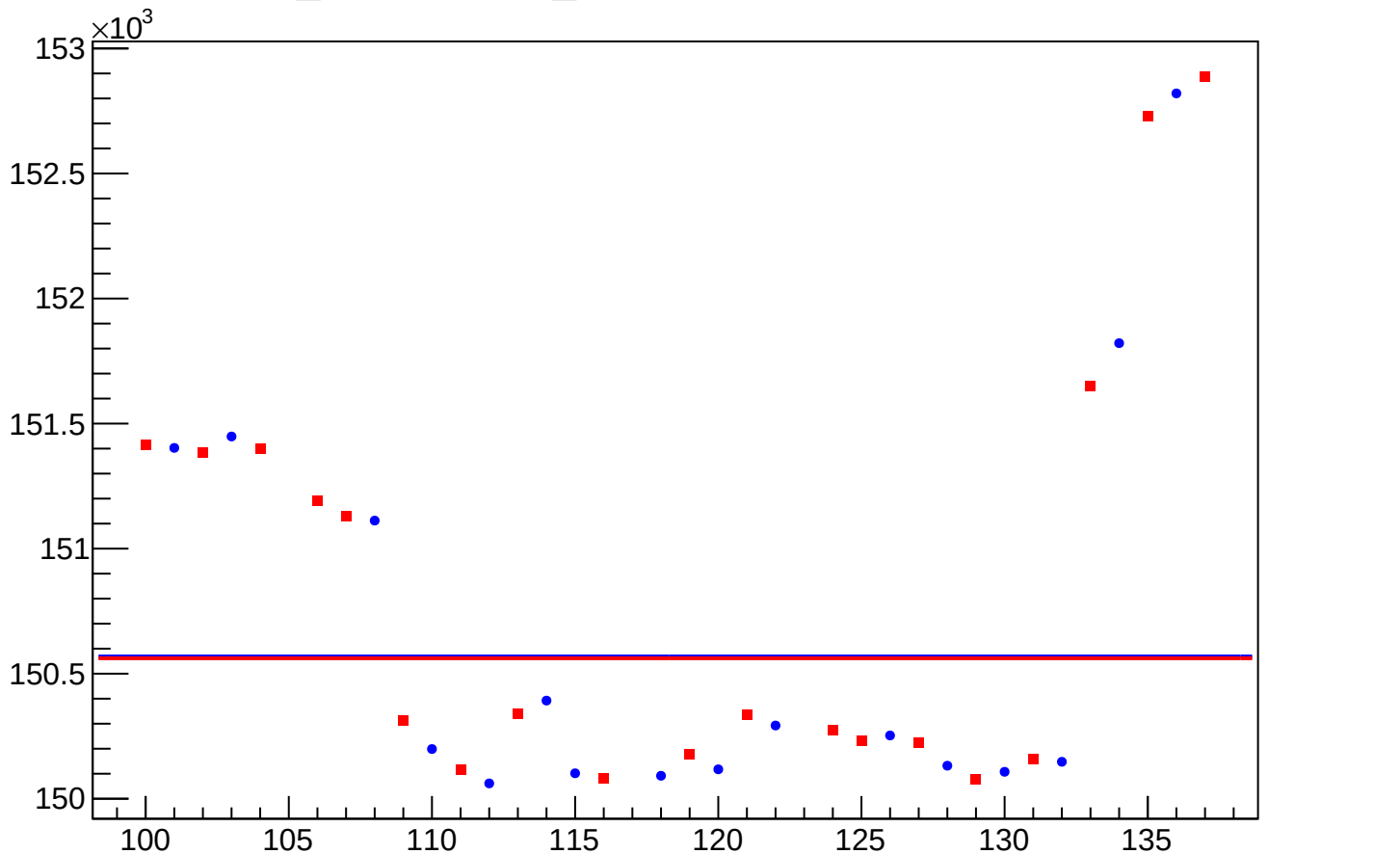
Right: 0.859+/-0.000 χ^2/NDF : 4512219.1/34

In: 0.853+/-0.000 χ^2/NDF : 2302297.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

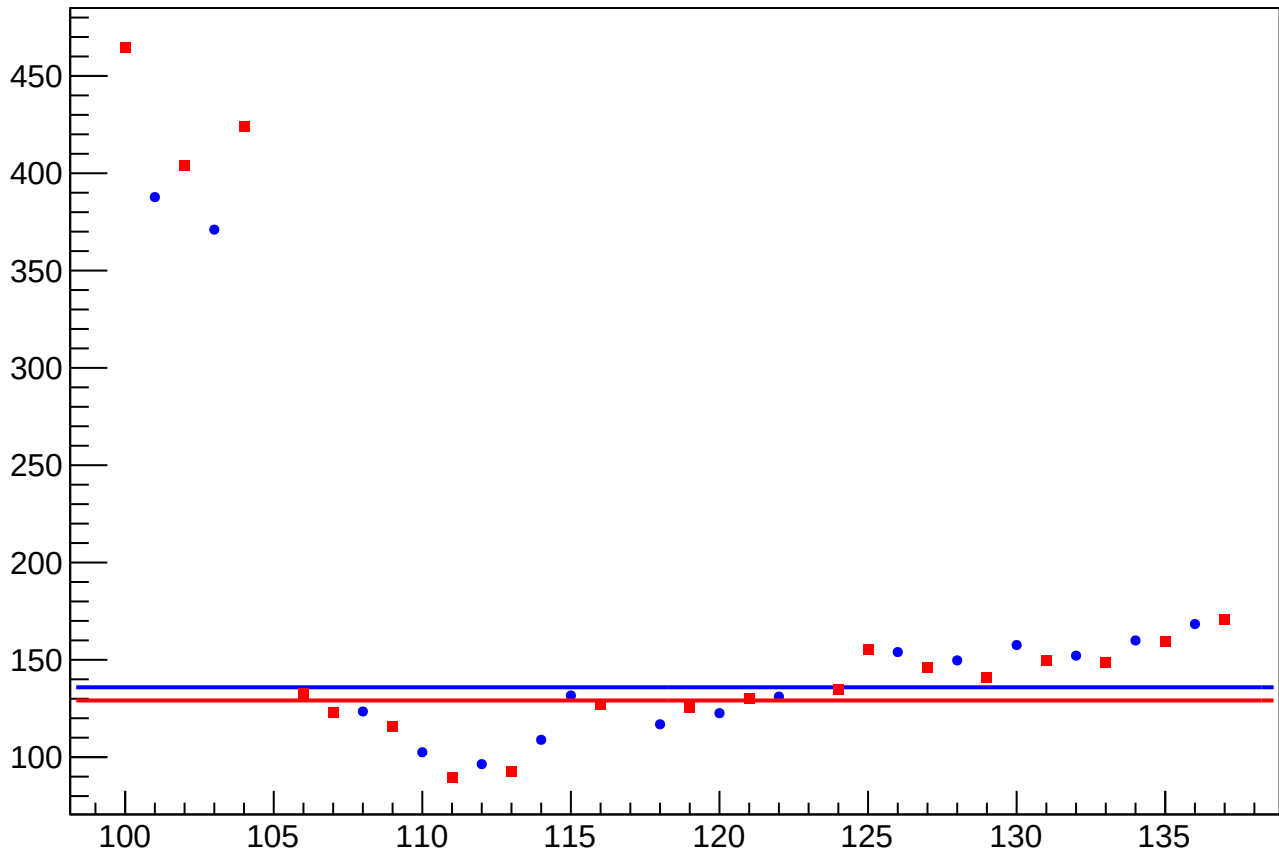
All: 0.859+/-0.000 χ^2/NDF : 4512219.1/34

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 150568.638+/-0.055 χ^2 /NDF: 237155171.8/15
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 150564.903+/-0.037 χ^2 /NDF: 434664709.4/3
 In: 150568.638+/-0.055 χ^2 /NDF: 237155171.8/15
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 150564.903+/-0.037 χ^2 /NDF: 434664709.4/3

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 135.896+/-0.039 χ^2/NDF : 1416332.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.130+/-0.036 χ^2/NDF : 1614311.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

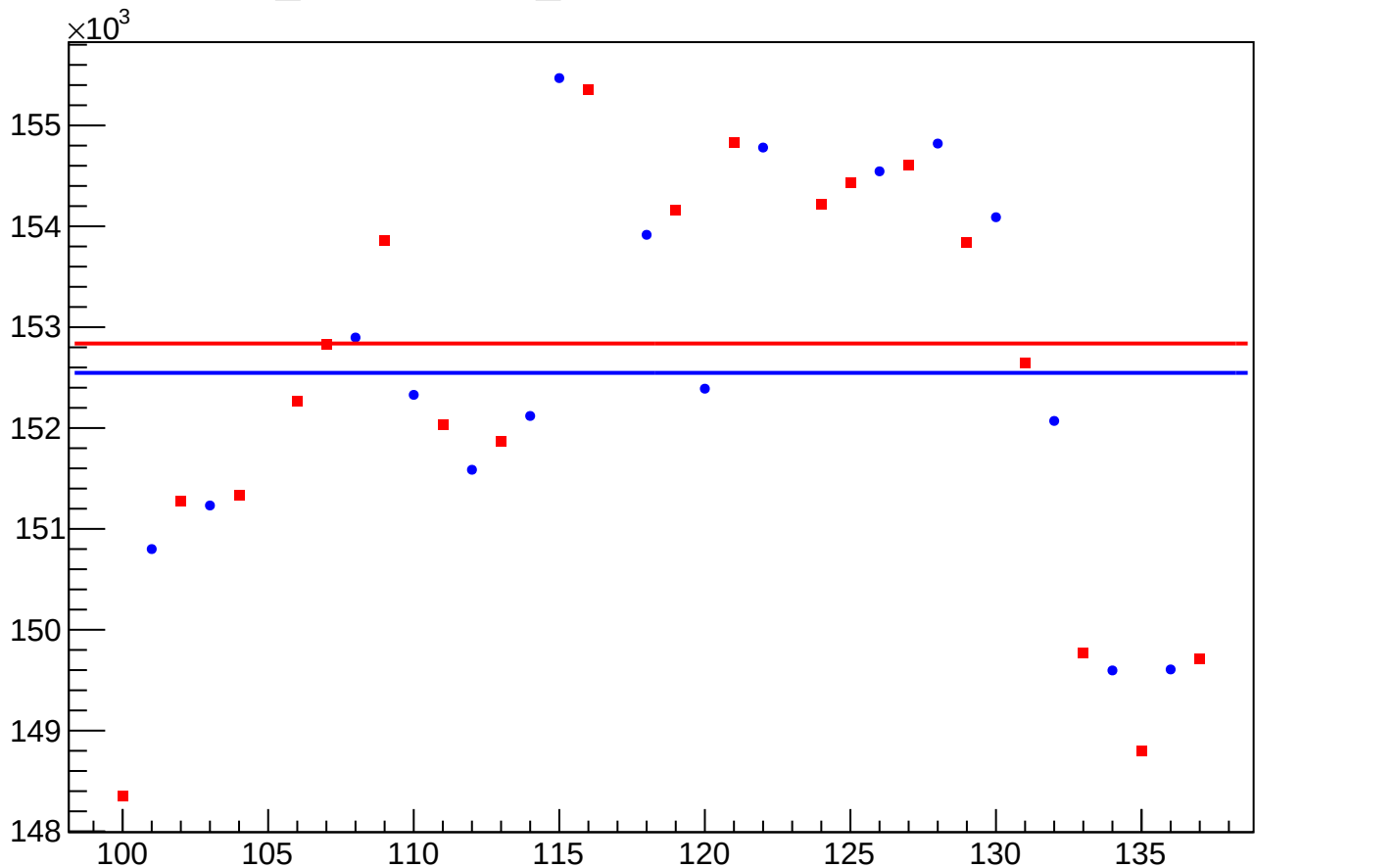
Right: 132.281+/-0.026 χ^2/NDF : 3047045.4/34

In: 135.896+/-0.039 χ^2/NDF :1416332.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

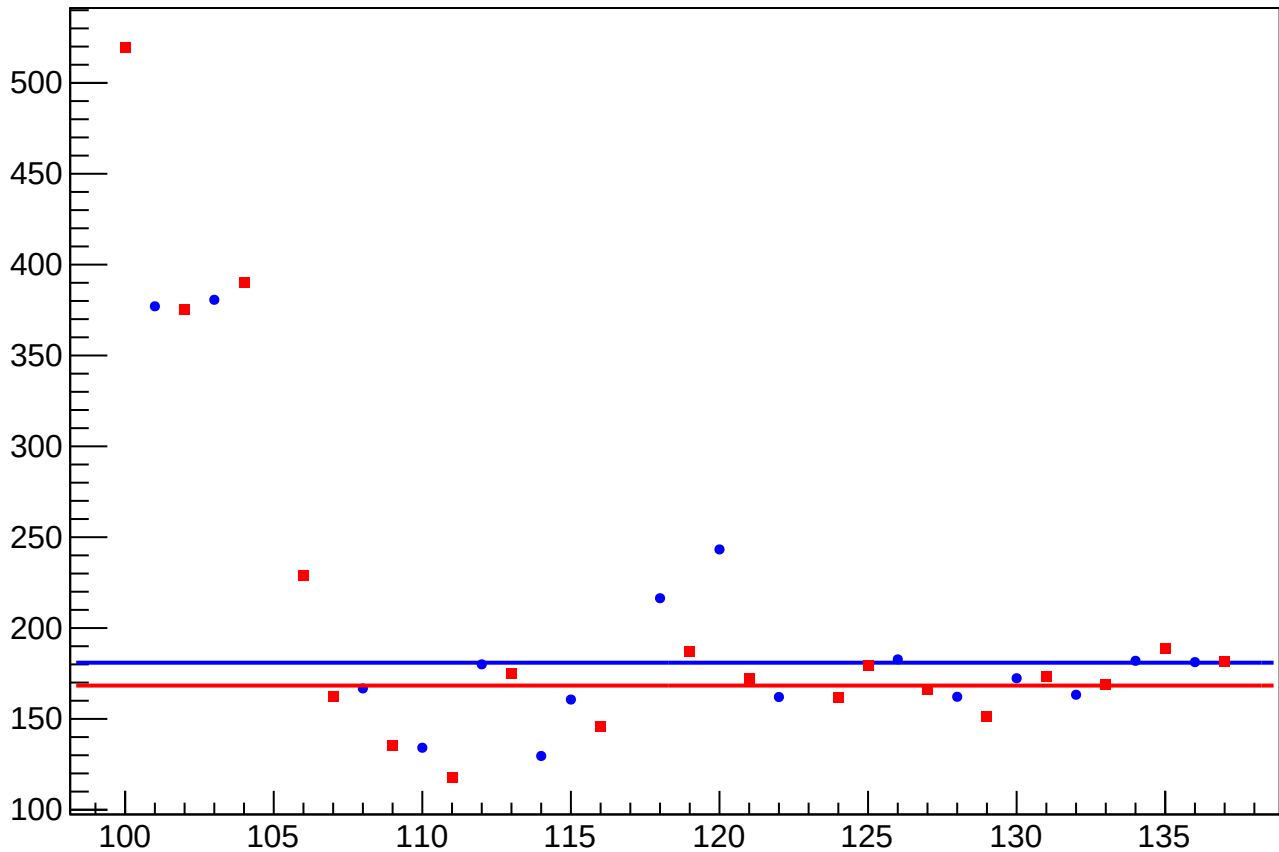
All: 132.281+/-0.026 χ^2/NDF : 3047045.4/34

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 152546.899+/-0.073 χ^2/NDF : 654540559.6/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 152704.814+/-0.049 χ^2/NDF : 1400162101.0
 In: 152546.899+/-0.073 χ^2/NDF : 654540559.6/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 152704.814+/-0.049 χ^2/NDF : 1400162101.0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.349+/-0.047 χ^2/NDF : 1089090.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

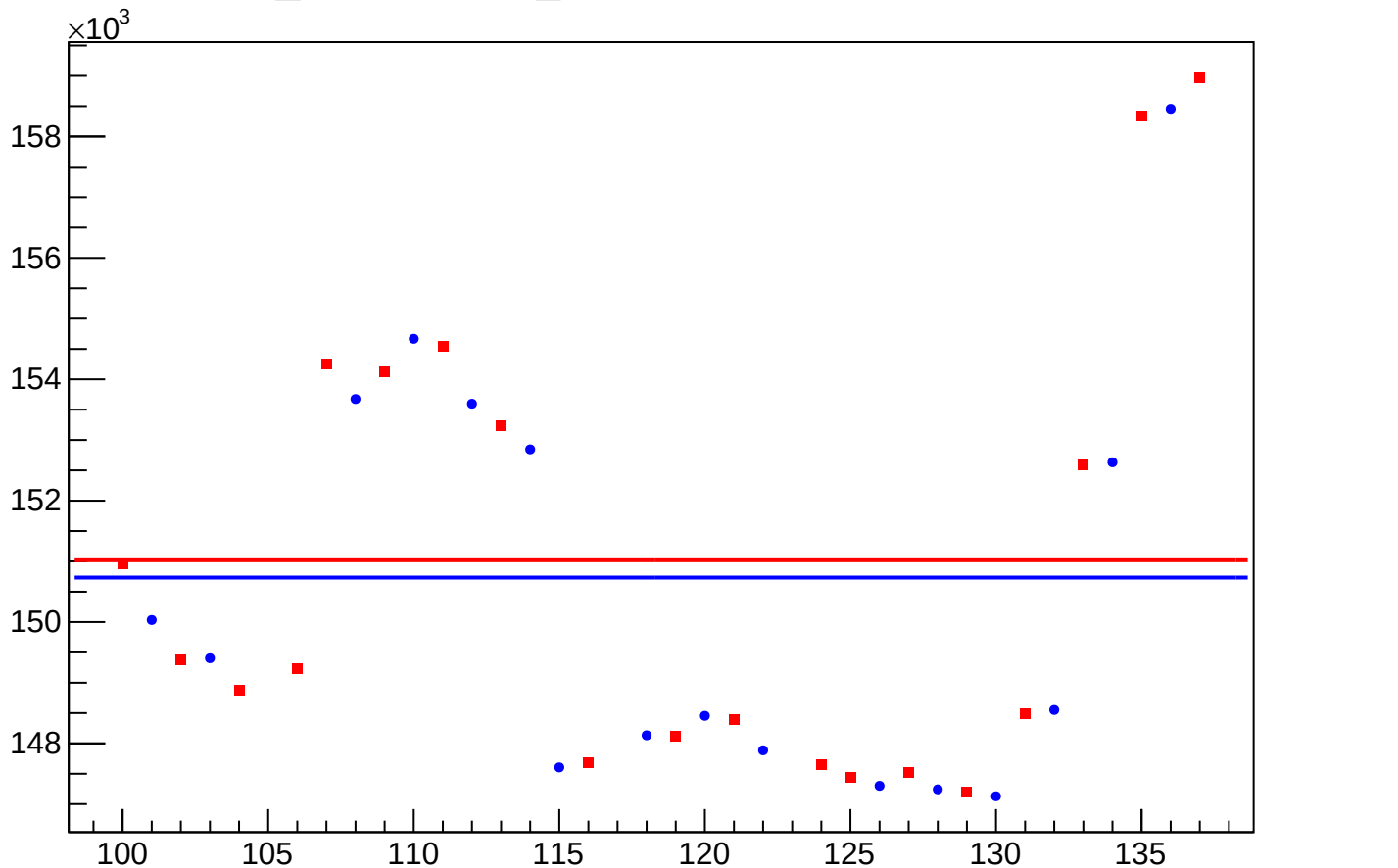
Right: 174.106+/-0.035 χ^2/NDF : 2029471.3/34

In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

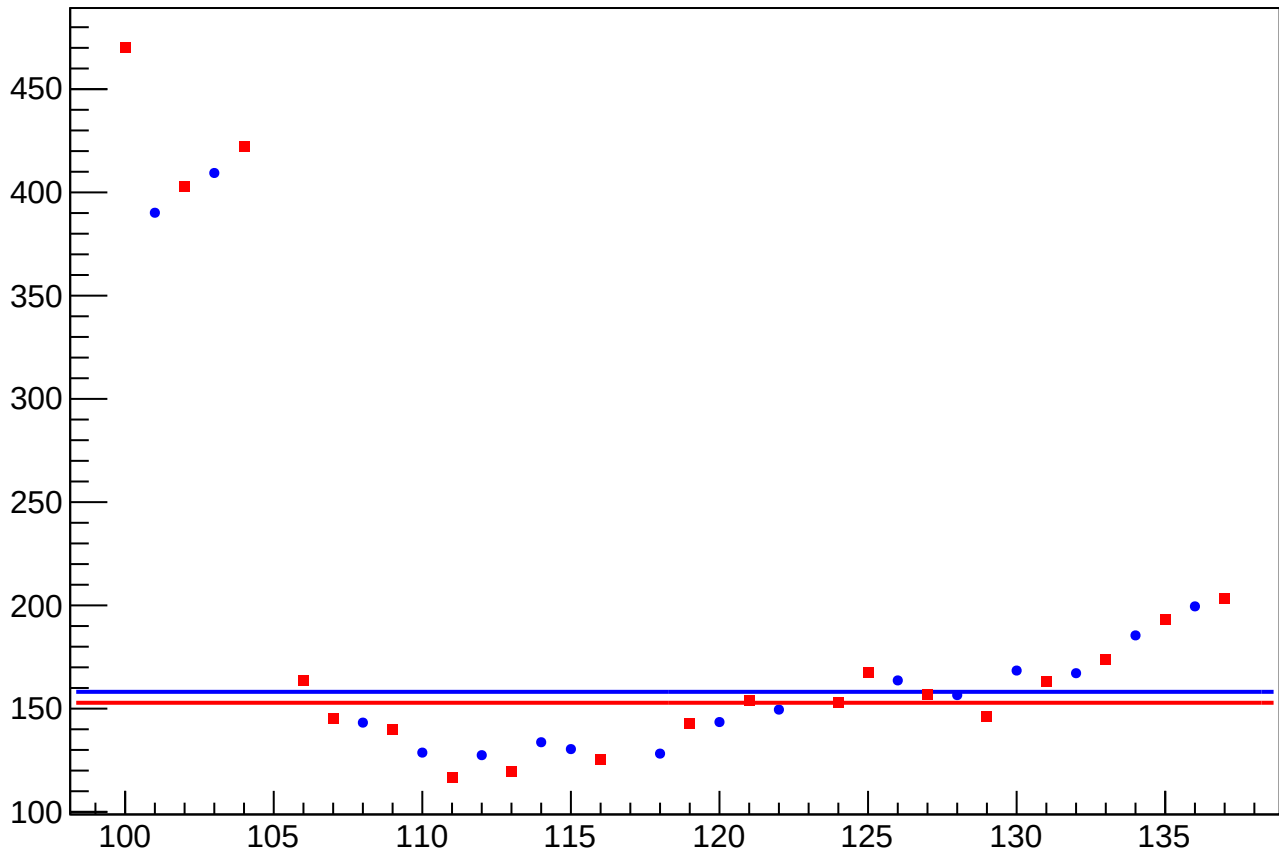
All: 174.106+/-0.035 χ^2/NDF : 2029471.3/34

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150733.301 $\pm$ 0.063 χ^2 /NDF: 3283848751.0/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 150882.491 $\pm$ 0.043 χ^2 /NDF: 6580735457.3
 In: 150733.301 $\pm$ 0.063 χ^2 /NDF: 3283848751.0/15
 Right Out: 151018.500 $\pm$ 0.060 χ^2 /NDF: 3286131878.7/18
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 150882.491 $\pm$ 0.043 χ^2 /NDF: 6580735457.3

yield_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 158.138+/-0.044 χ^2/NDF : 1195699.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.841+/-0.042 χ^2/NDF : 1264236.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

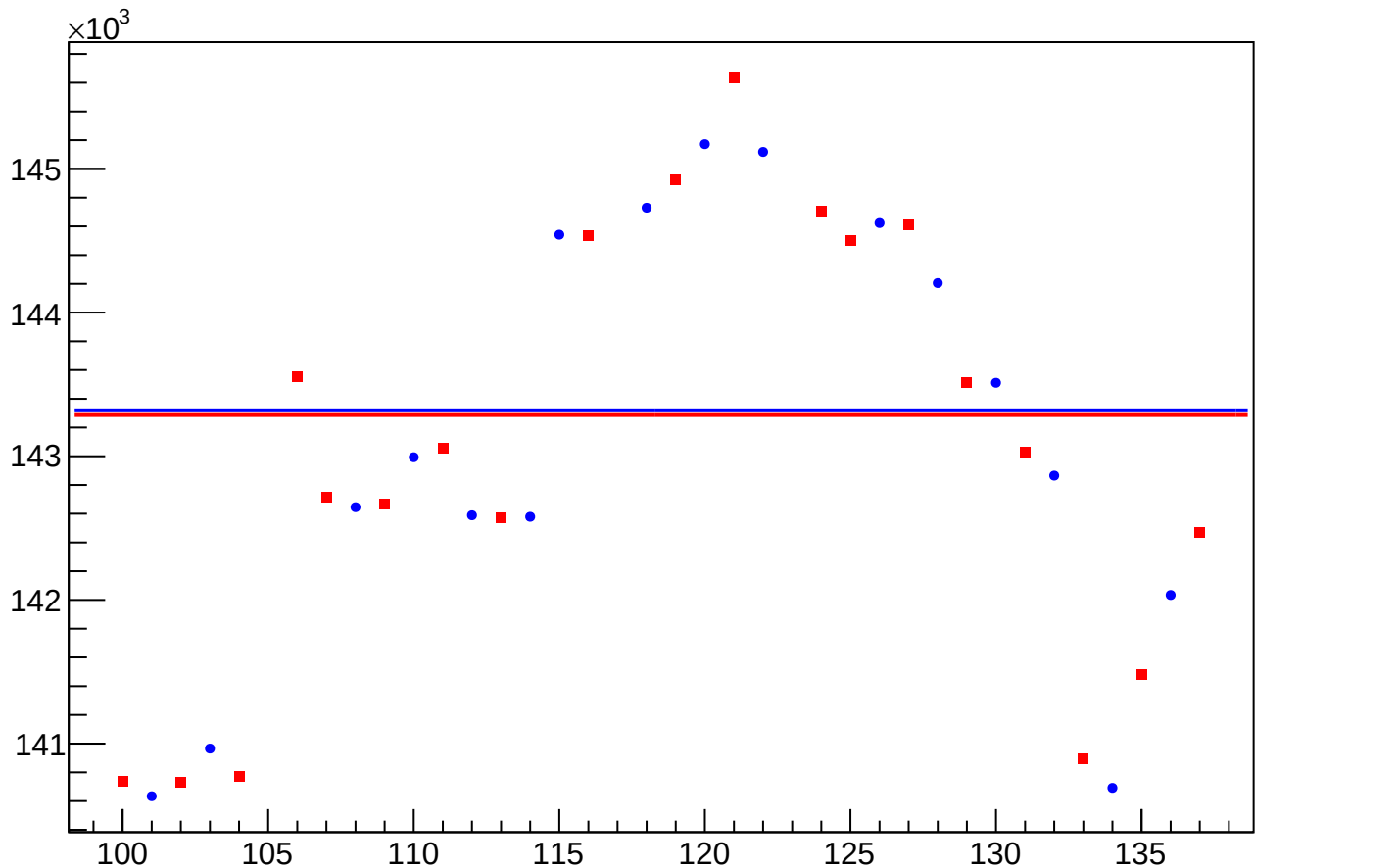
Right: 155.367+/-0.031 χ^2/NDF : 2467354.6/34

In: 158.138+/-0.044 χ^2/NDF : 1195699.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.367+/-0.031 χ^2/NDF : 2467354.6/34

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143319.651+/-0.053 χ^2 /NDF: 559301530.7/15

Right: 143302.220+/-0.036 χ^2 /NDF: 1180025024.1/18

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 143286.960+/-0.050 χ^2 /NDF: 620521577.8/18

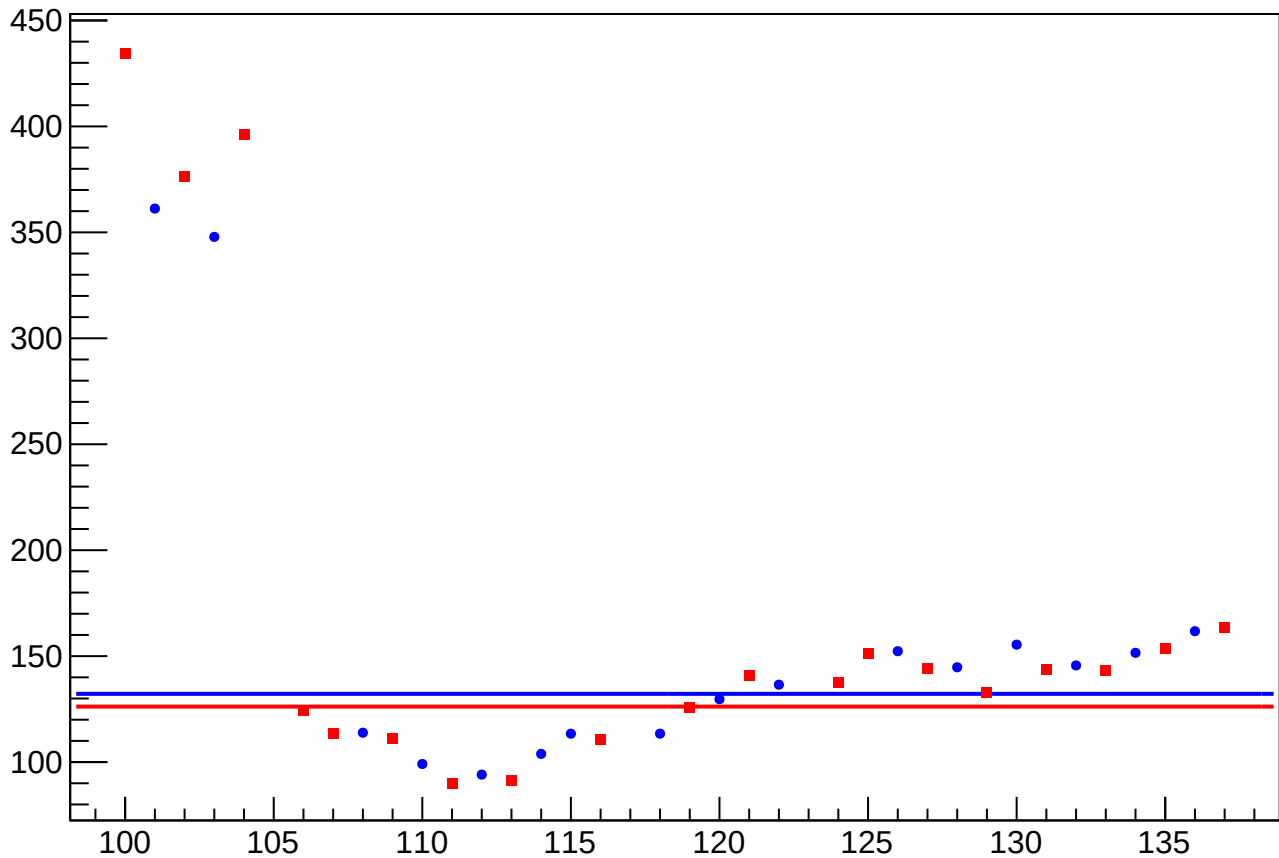
In: 143319.651+/-0.053 χ^2 /NDF: 559301530.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143302.220+/-0.036 χ^2 /NDF: 1180025024.1/18

yield_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 132.204+/-0.038 χ^2/NDF : 1379168.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 126.191+/-0.035 χ^2/NDF : 1545034.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

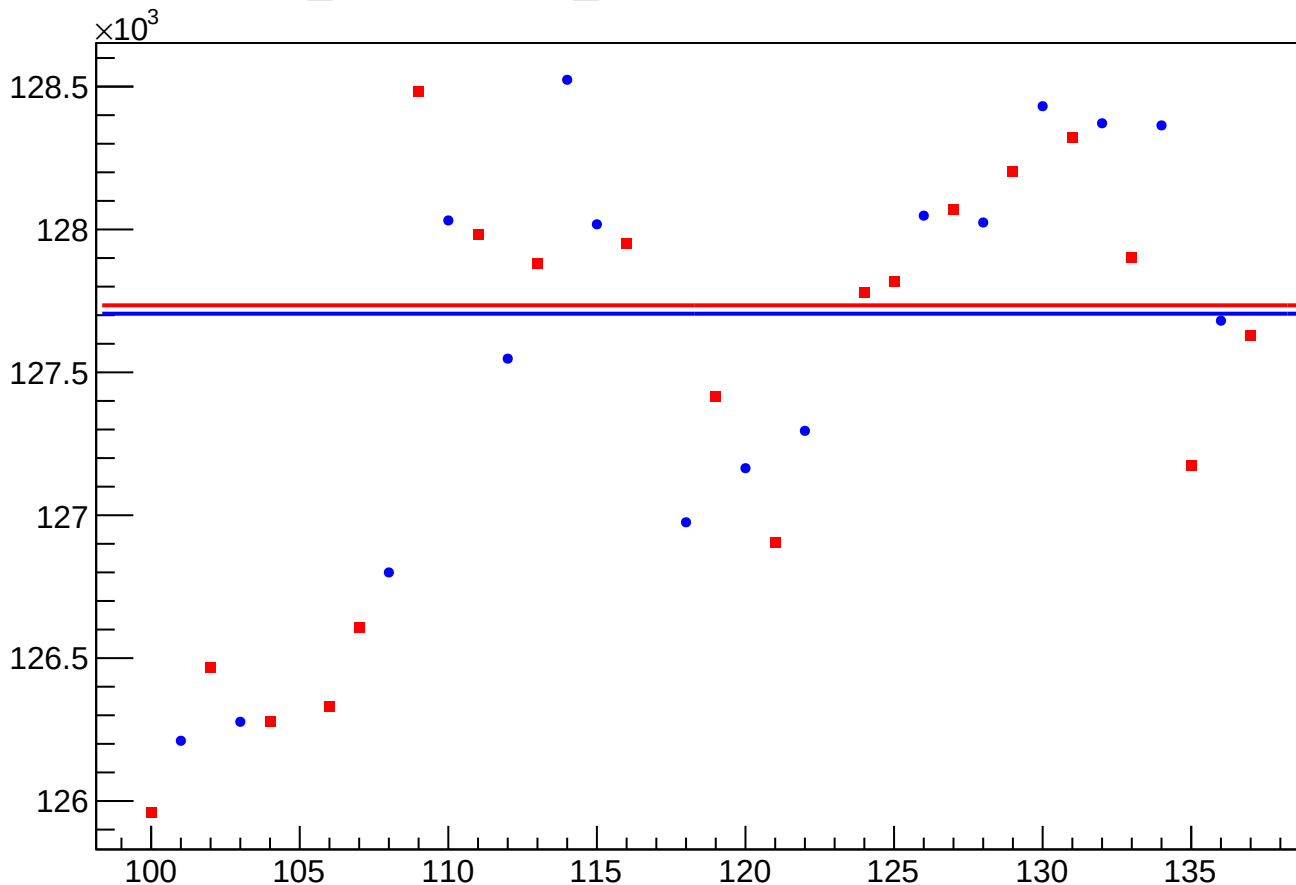
Right: 128.998+/-0.026 χ^2/NDF : 2937865.2/34

In: 132.204+/-0.038 χ^2/NDF :1379168.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.998+/-0.026 χ^2/NDF : 2937865.2/34

yield_bpm0l01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 127705.222+/-0.058 χ^2 /NDF: 104467207.7/15

Right: 127720.787+/-0.040 χ^2 /NDF: 214070280.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 127734.542+/-0.055 χ^2 /NDF: 109469333.8/18

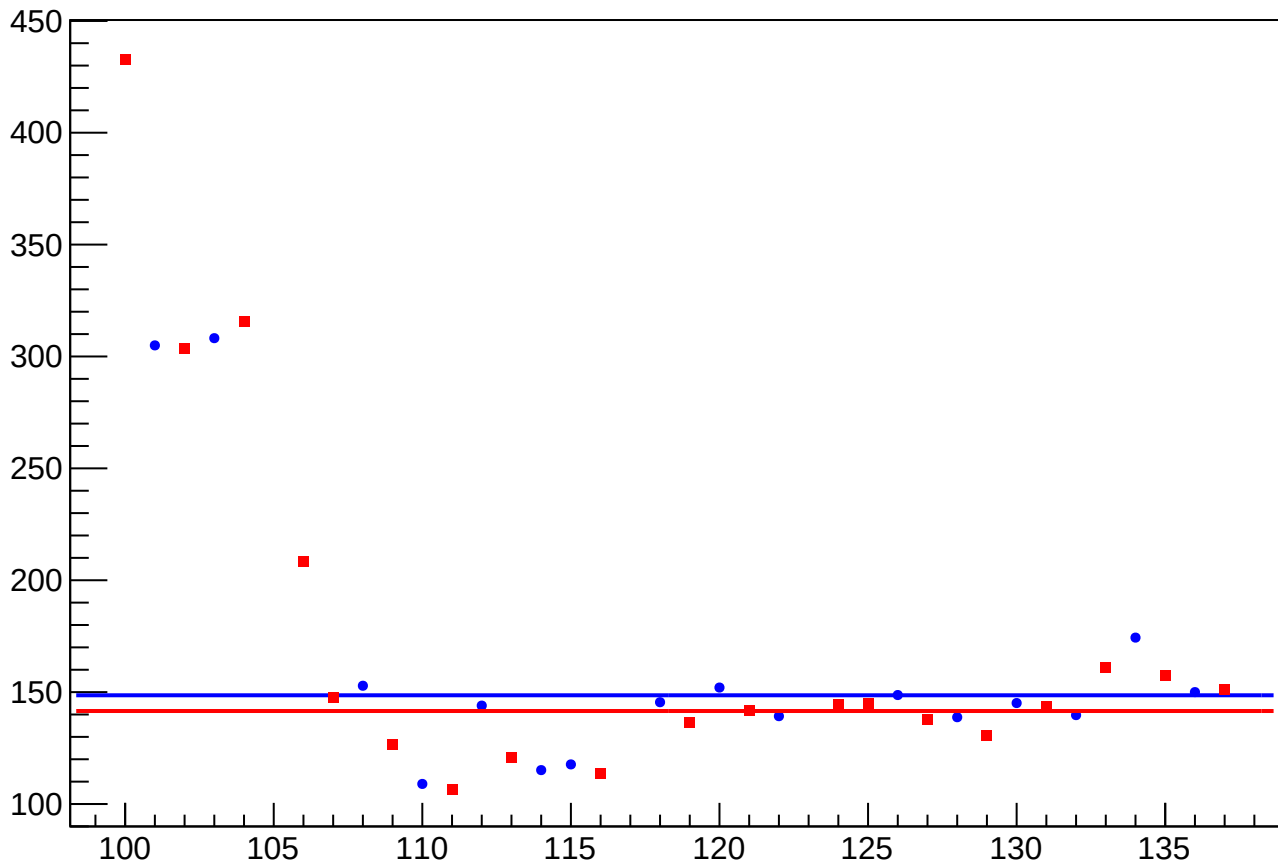
In: 127705.222+/-0.058 χ^2 /NDF: 104467207.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 127720.787+/-0.040 χ^2 /NDF: 214070280.4/3

yield_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 148.593+/-0.041 χ^2/NDF : 827701.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.563+/-0.039 χ^2/NDF : 1001225.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

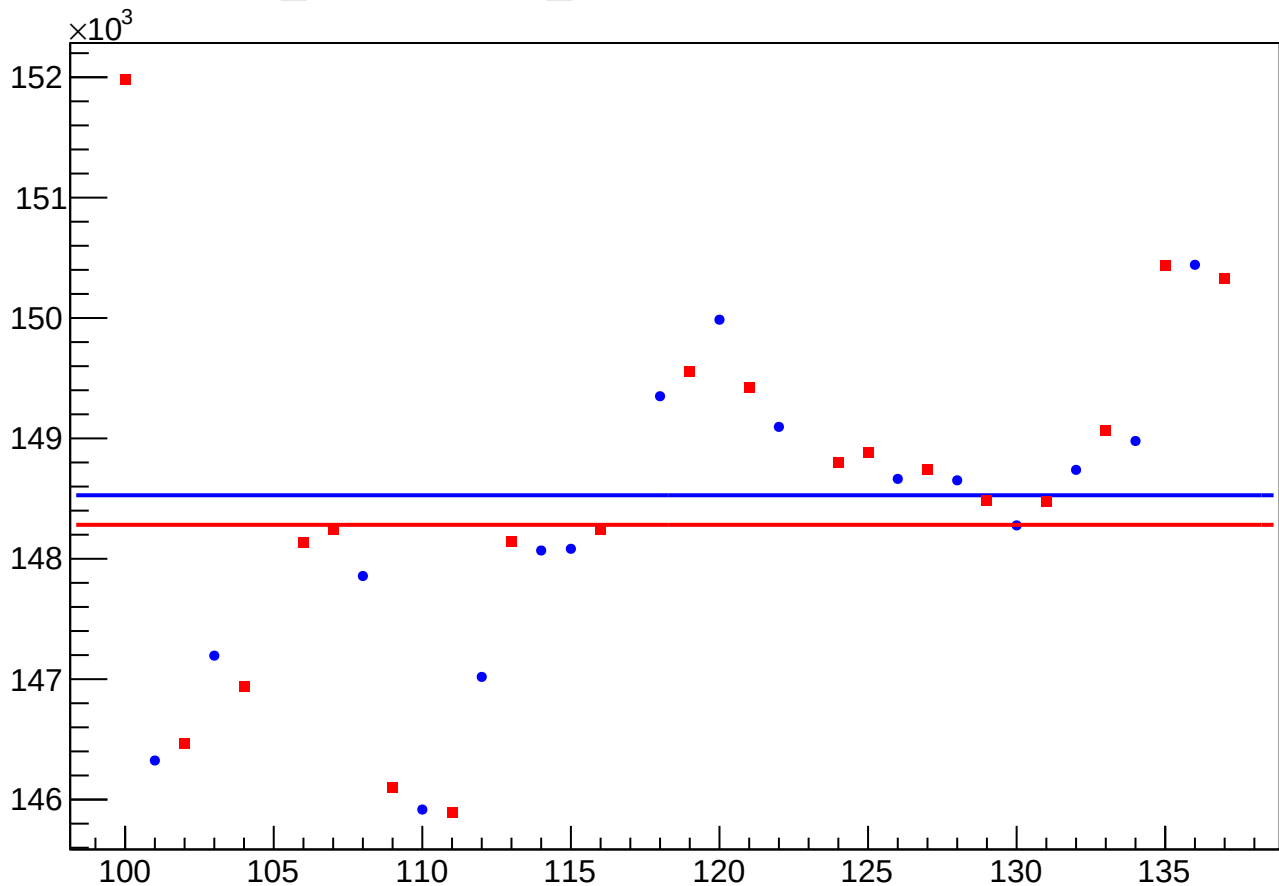
Right: 144.861+/-0.028 χ^2/NDF : 1844303.5/34

In: 148.593+/-0.041 χ^2/NDF : 827701.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.861+/-0.028 χ^2/NDF : 1844303.5/34

yield_bpm0l02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 148527.678+/-0.082 χ^2 /NDF: 209208133.0/15

Right: 148396.583+/-0.056 χ^2 /NDF: 508678498.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

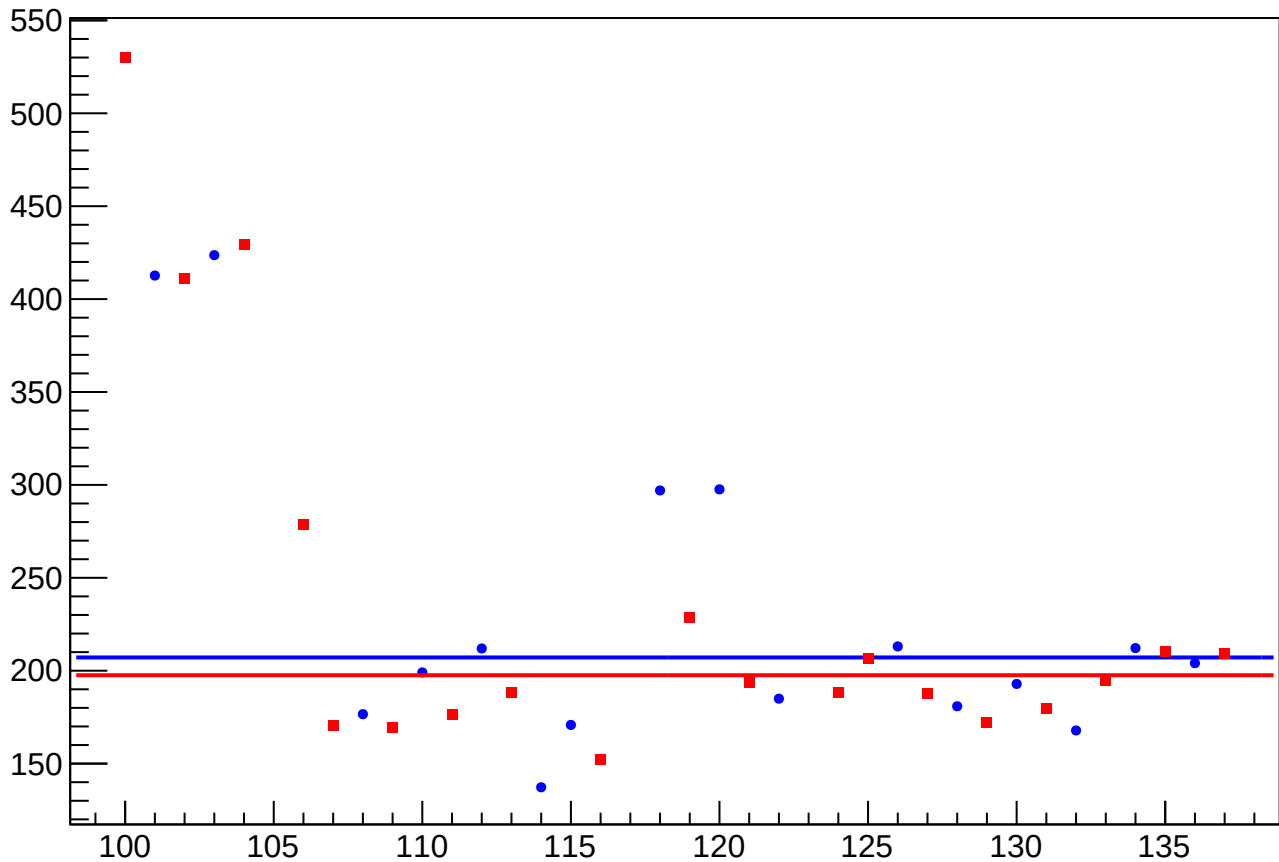
Right Out: 148282.003+/-0.077 χ^2 /NDF: 294673557.8/18

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148396.583+/-0.056 χ^2 /NDF: 508678498.1/3

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 207.135 $\pm$ 0.058 χ^2 /NDF: 972216.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 197.571 $\pm$ 0.054 χ^2 /NDF: 903999.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

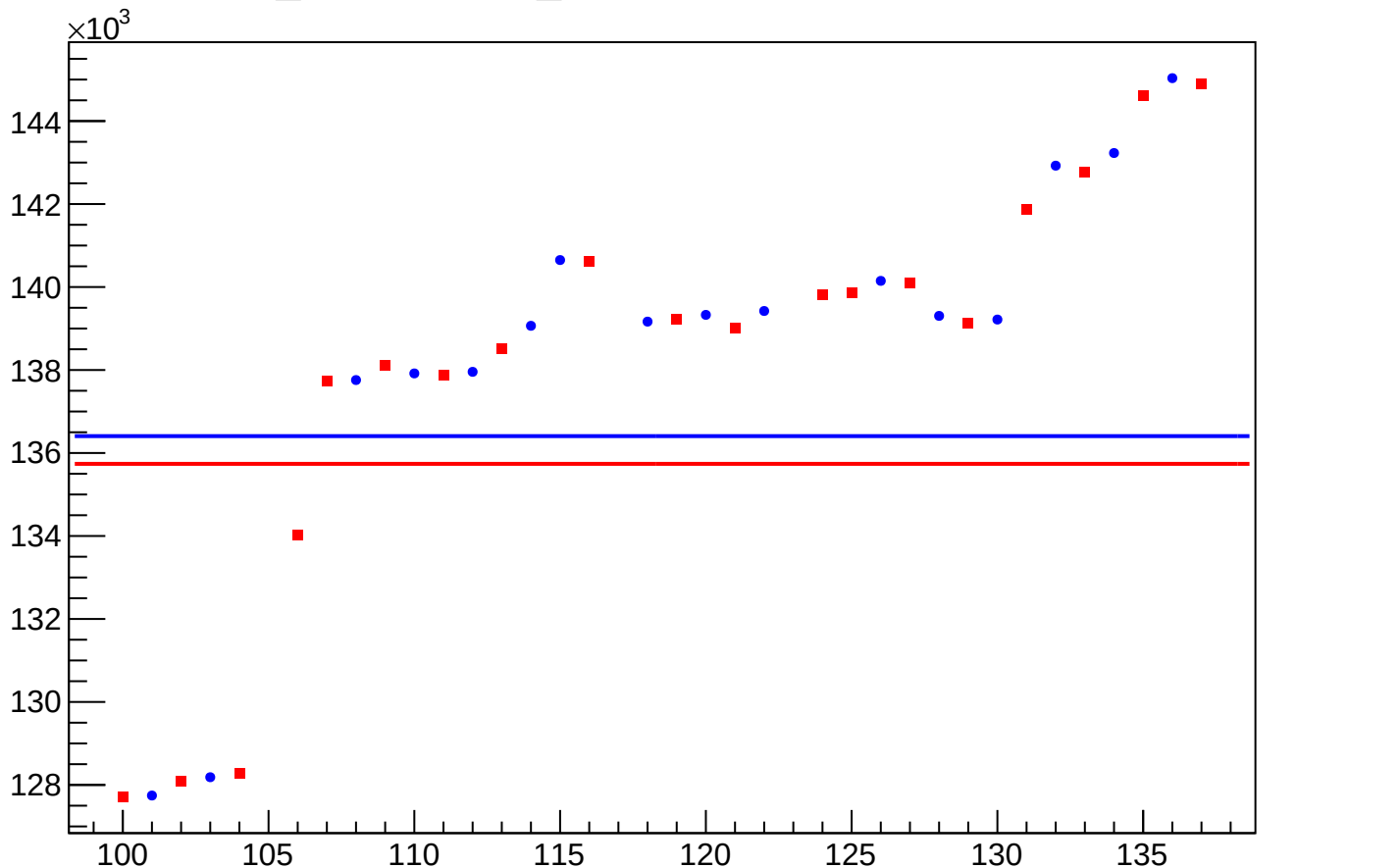
Right: 202.032 $\pm$ 0.040 χ^2 /NDF: 1890755.2/34

In: 207.135 $\pm$ 0.058 χ^2 /NDF:972216.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

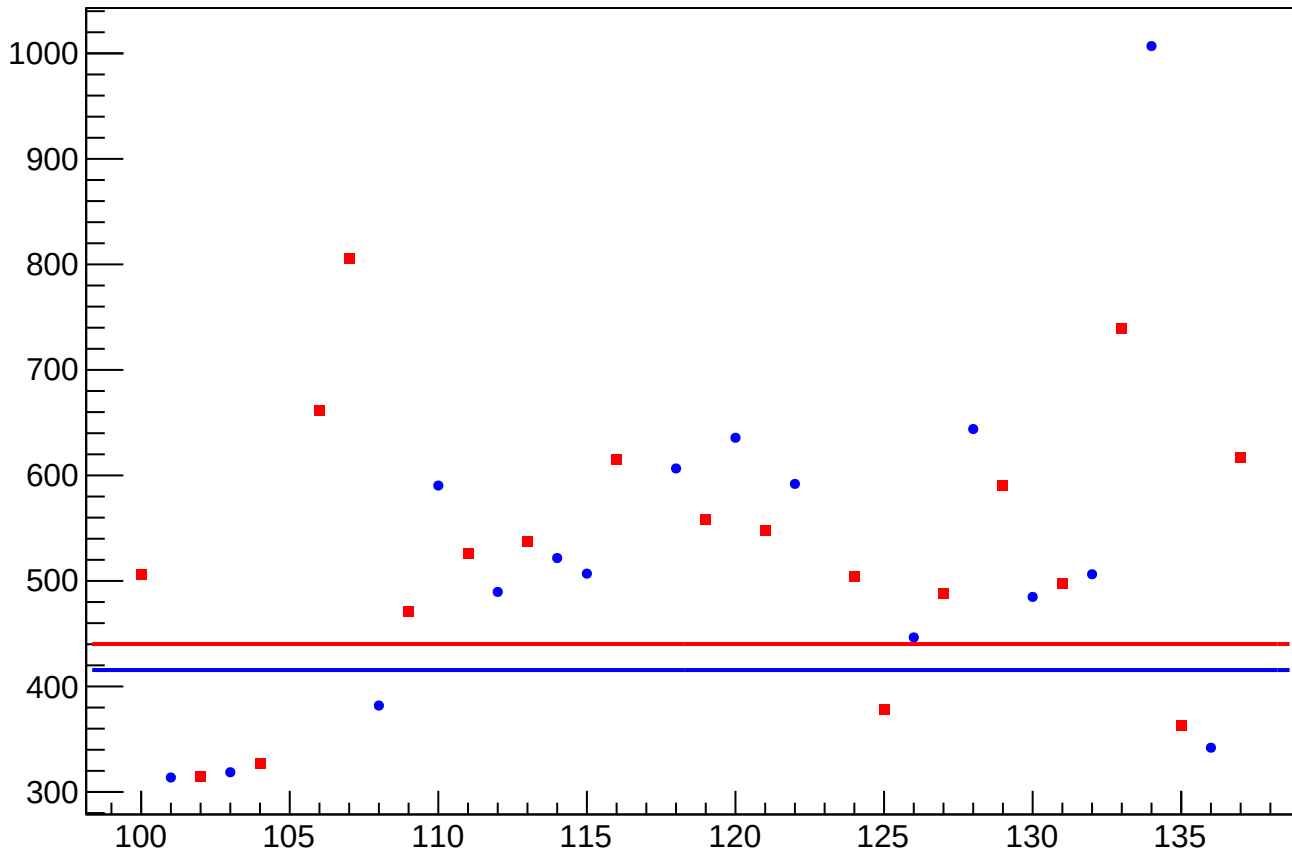
All: 202.032 $\pm$ 0.040 χ^2 /NDF: 1890755.2/34

yield_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: 136406.923 $\pm$ 0.169 χ^2 /NDF: 1577071044.7/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135738.412 $\pm$ 0.177 χ^2 /NDF: 1174123878.0/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 136406.923 $\pm$ 0.169 χ^2 /NDF:1577071044.7/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 136088.335 $\pm$ 0.122 χ^2 /NDF: 2758689484.9/15

yield_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 415.547+/-0.119 χ^2/NDF : 1031600.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 440.218+/-0.125 χ^2/NDF : 910790.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

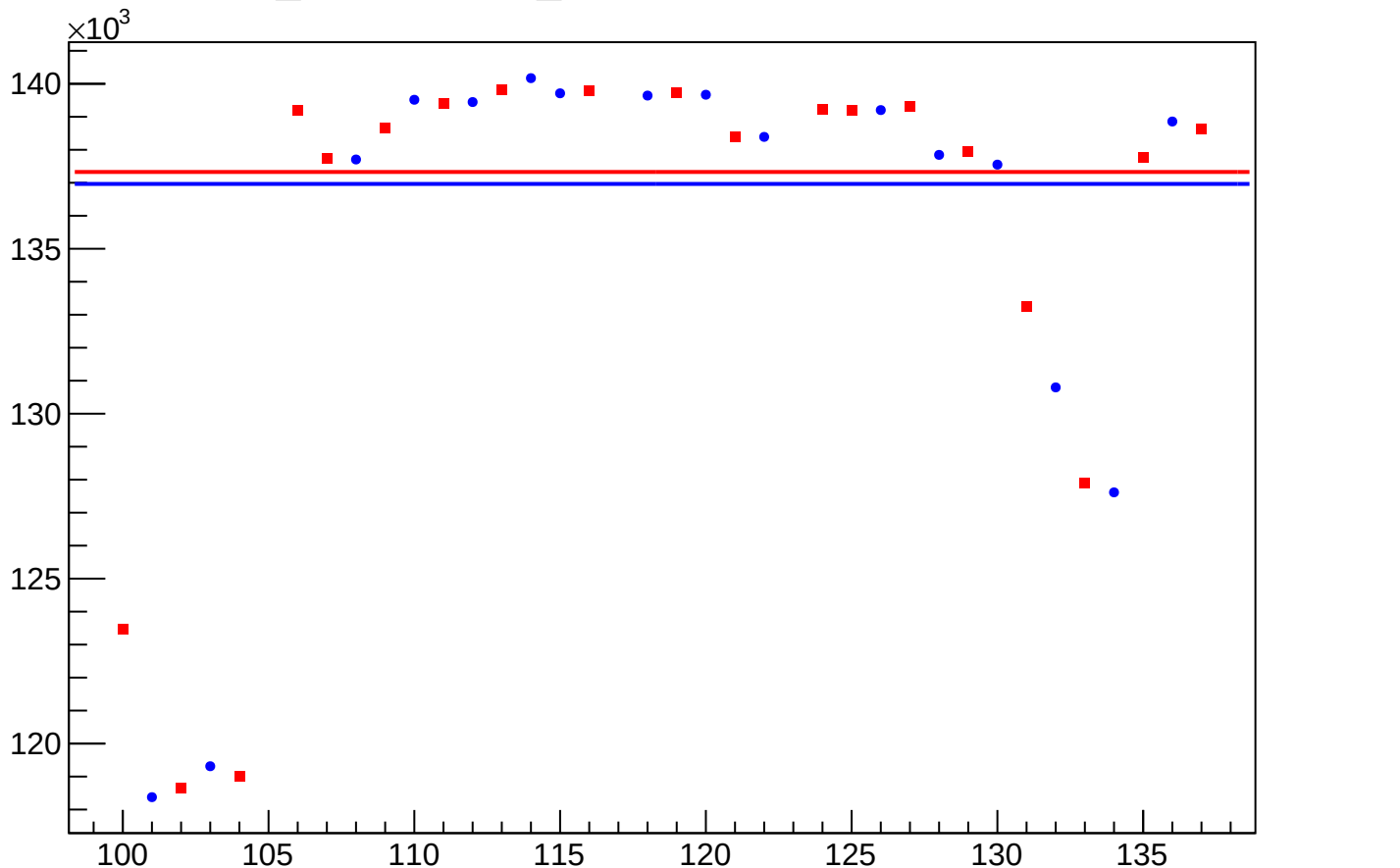
Right: 427.304+/-0.086 χ^2/NDF : 1962803.8/34

In: 415.547+/-0.119 χ^2/NDF : 1031600.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

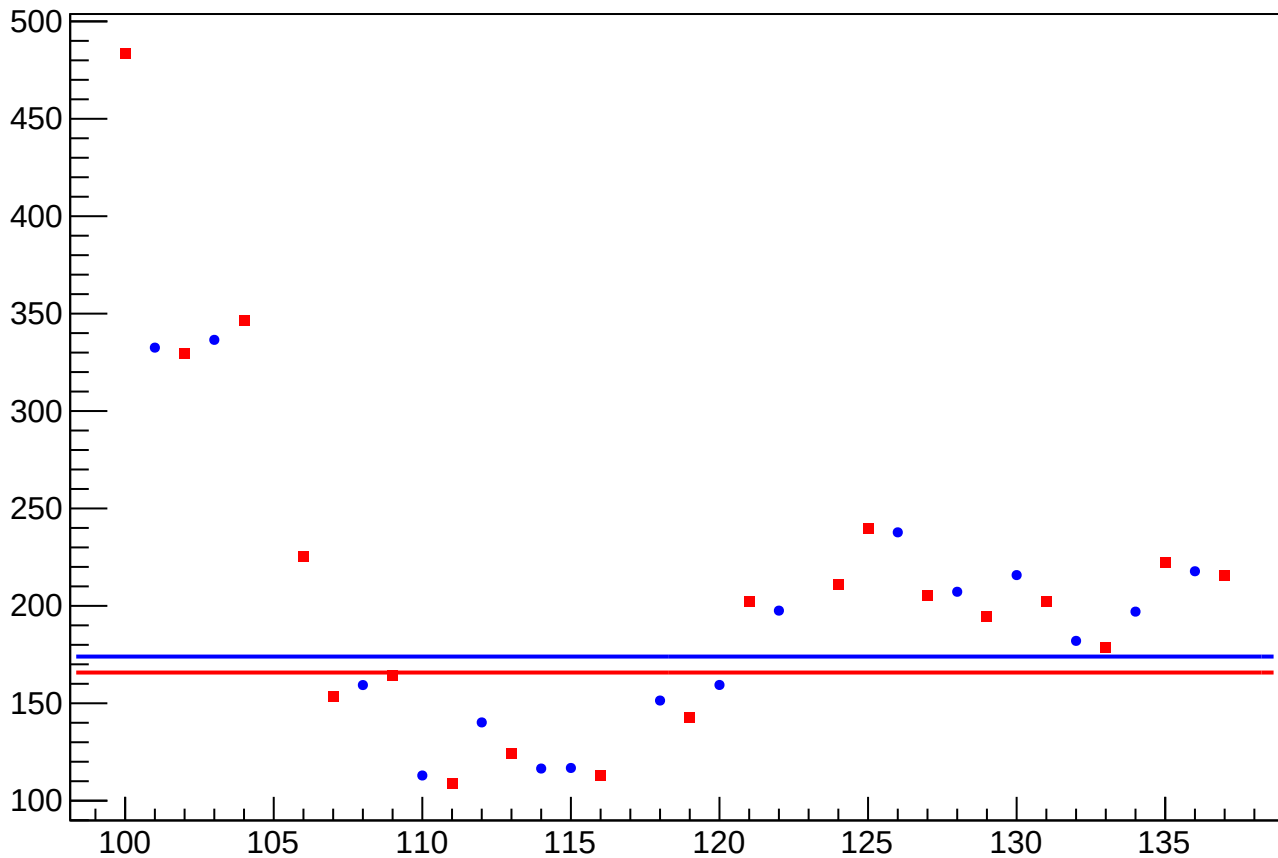
All: 427.304+/-0.086 χ^2/NDF : 1962803.8/34

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136964.958 $\pm$ 0.070 χ^2 /NDF: 5807770301.4/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 137157.181 $\pm$ 0.048 χ^2 /NDF: 11559848727.7
 In: 136964.958 $\pm$ 0.070 χ^2 /NDF: 5807770301.4/15
 Right Out: 137327.469 $\pm$ 0.066 χ^2 /NDF: 5737745895.7/18
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 137157.181 $\pm$ 0.048 χ^2 /NDF: 11559848727.7

yield_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 173.982+/-0.049 χ^2/NDF : 1188493.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.780+/-0.046 χ^2/NDF : 1433162.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

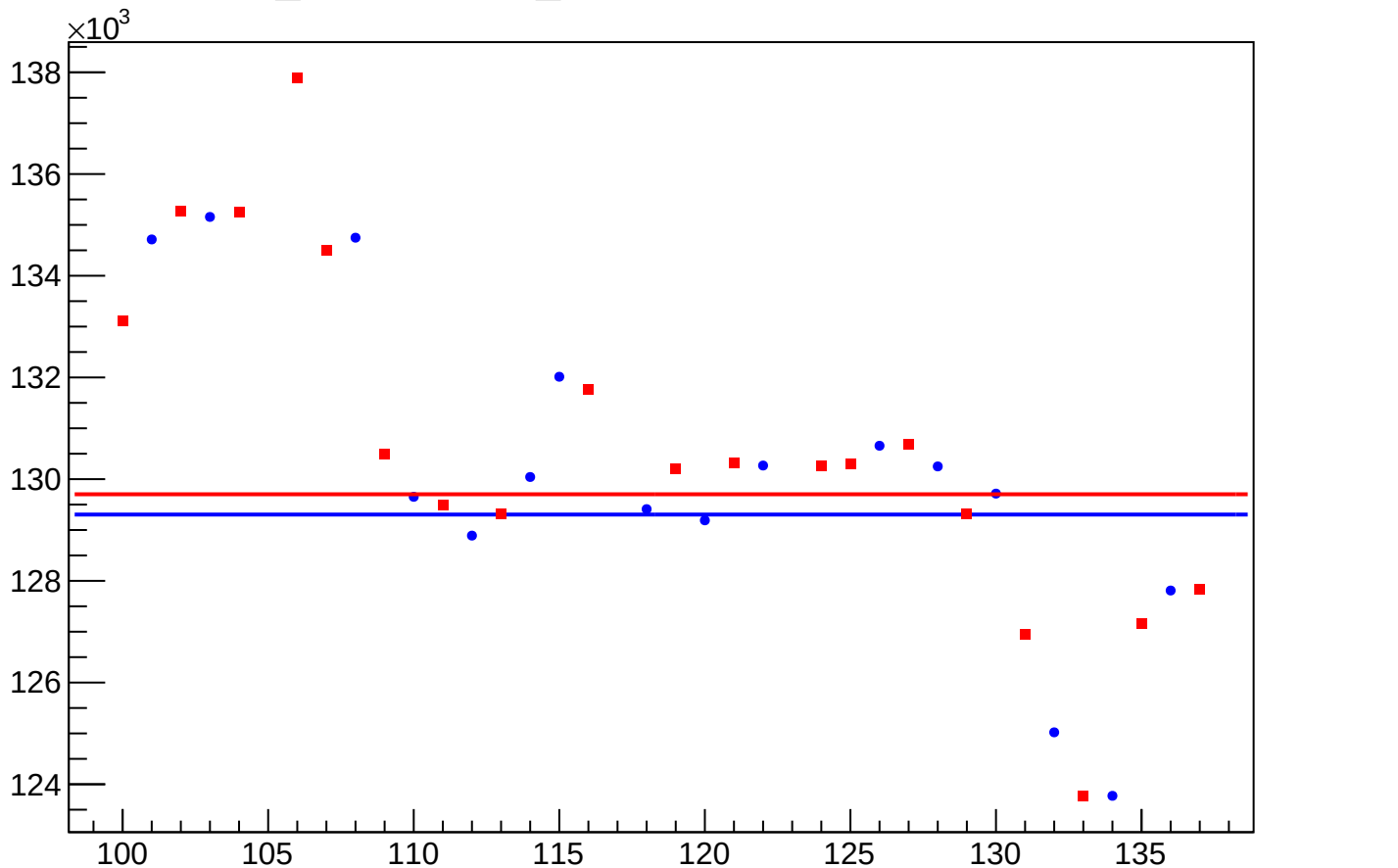
Right: 169.633+/-0.034 χ^2/NDF : 2636327.1/34

In: 173.982+/-0.049 χ^2/NDF : 1188493.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.633+/-0.034 χ^2/NDF : 2636327.1/34

yield_bpm0l05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right In: 129303.894+/-0.066 χ^2/NDF : 1650235360.7/15

Right: 129517.750+/-0.045 χ^2/NDF : 3447412906.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129702.568+/-0.062 χ^2/NDF : 1777723481.2/18

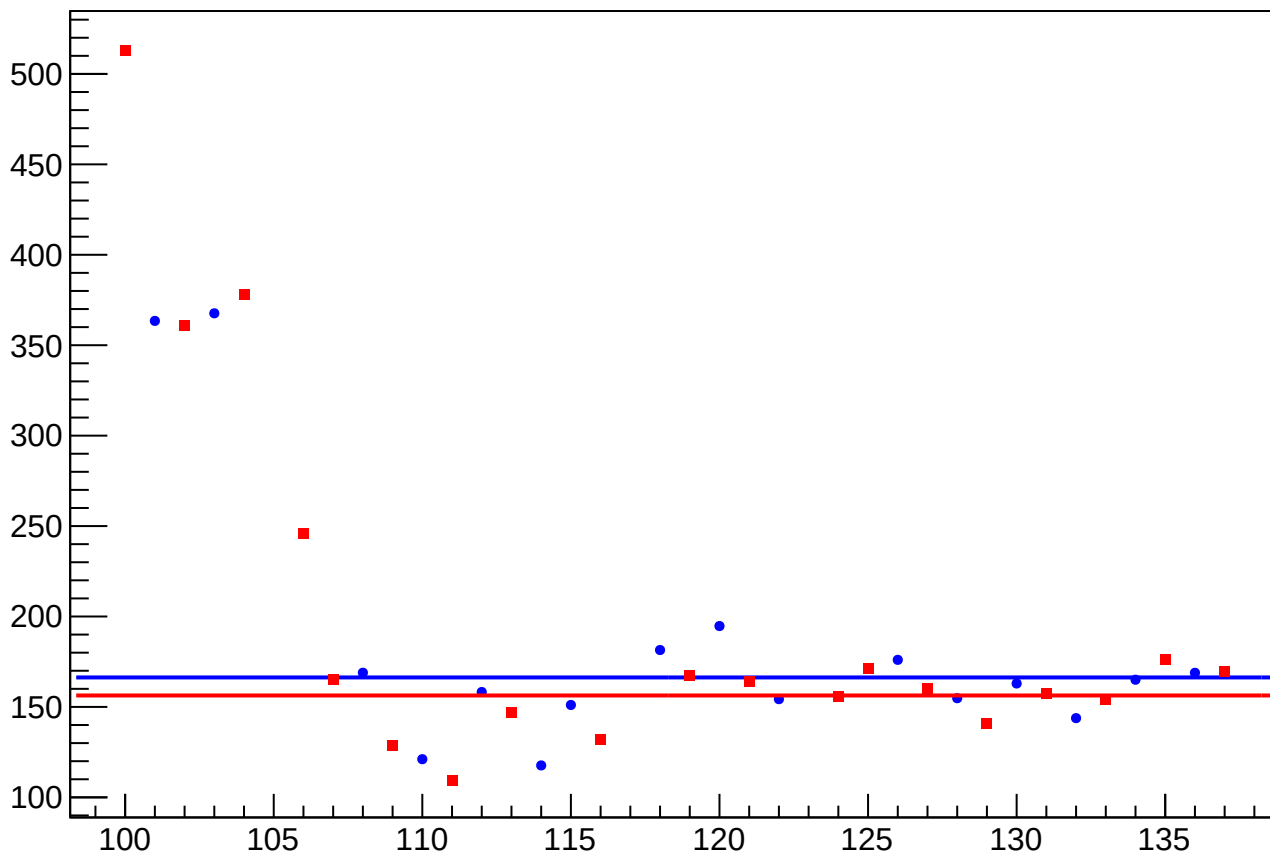
In: 129303.894+/-0.066 χ^2/NDF : 1650235360.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129517.750+/-0.045 χ^2/NDF : 3447412906.7/15

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 166.302 $\pm$ 0.047 χ^2 /NDF: 937947.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.334 $\pm$ 0.044 χ^2 /NDF: 1172834.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

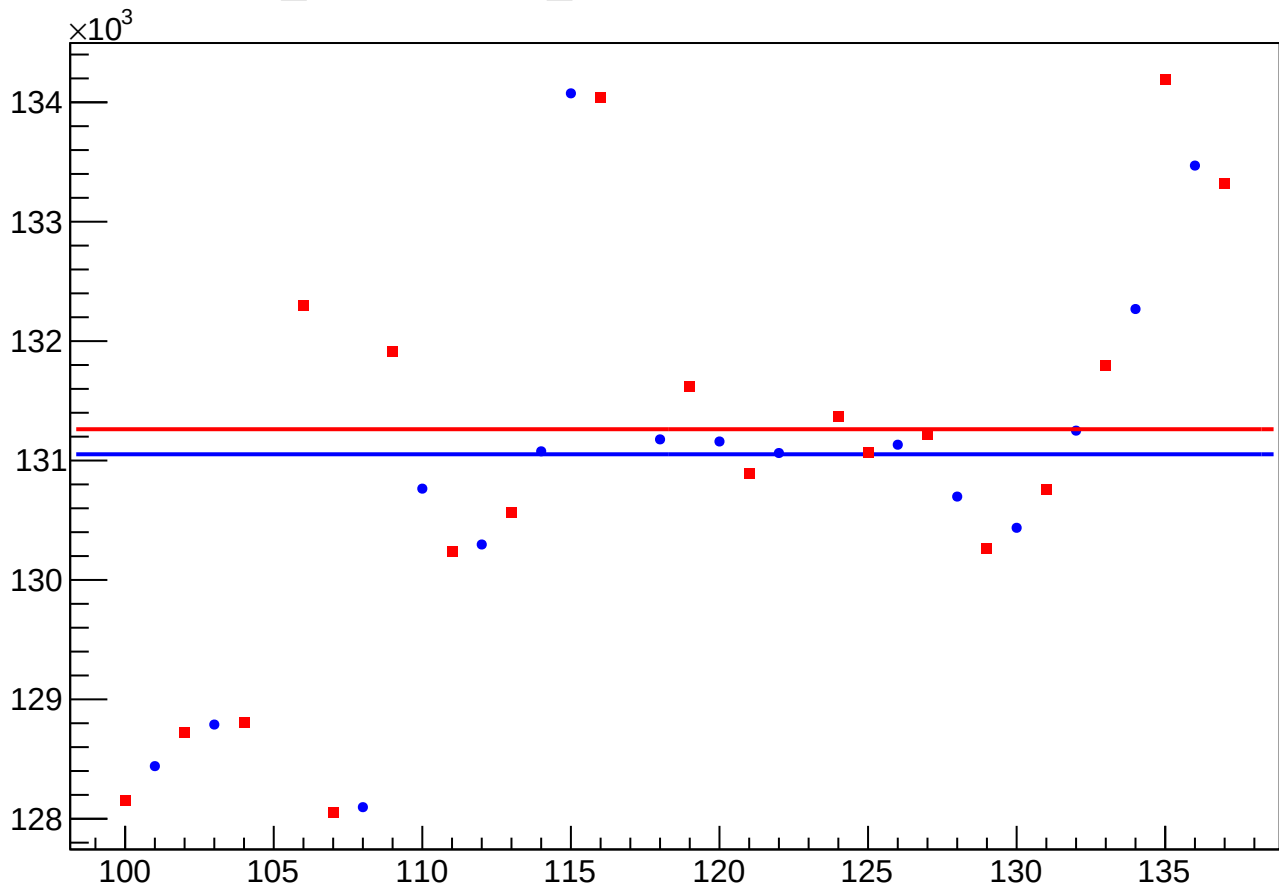
Right: 160.955 $\pm$ 0.032 χ^2 /NDF: 2135107.2/34

In: 166.302 $\pm$ 0.047 χ^2 /NDF:937947.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

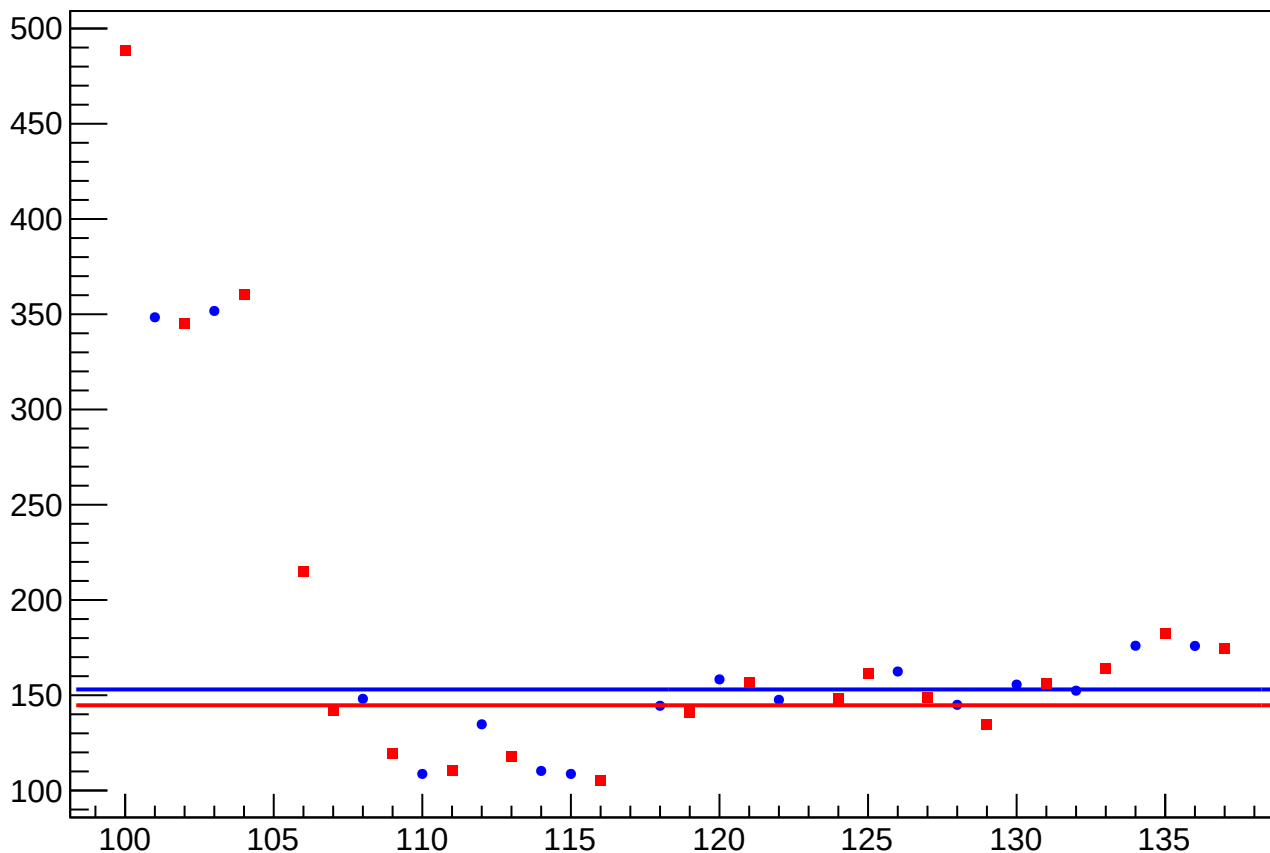
All: 160.955 $\pm$ 0.032 χ^2 /NDF: 2135107.2/34

yield_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: 131052.422 $\pm$ 0.061 χ^2 /NDF: 523713045.8/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 131164.431 $\pm$ 0.041 χ^2 /NDF: 1134382049.3/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 131262.232 $\pm$ 0.057 χ^2 /NDF: 604278186.1/18
 In: 131052.422 $\pm$ 0.061 χ^2 /NDF: 523713045.8/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 131164.431 $\pm$ 0.041 χ^2 /NDF: 1134382049.3/15

yield_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 153.043+/-0.043 χ^2/NDF : 1059470.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.731+/-0.040 χ^2/NDF : 1263423.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

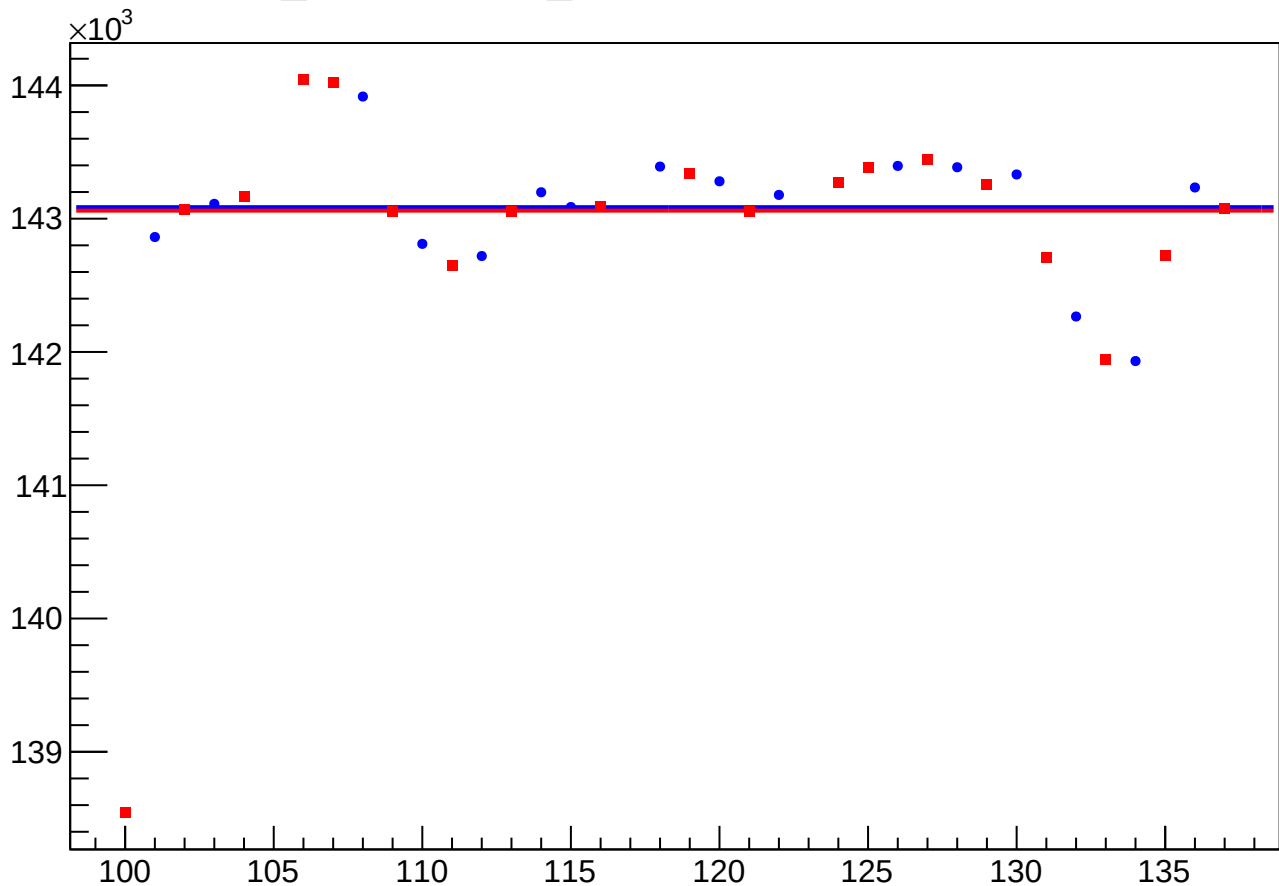
Right: 148.605+/-0.029 χ^2/NDF : 2342954.4/34

In: 153.043+/-0.043 χ^2/NDF : 1059470.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.605+/-0.029 χ^2/NDF : 2342954.4/34

yield_bpm0l07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 143086.477+/-0.065 χ^2 /NDF: 46726277.8/15

Right: 143072.451+/-0.044 χ^2 /NDF: 98528807.3/34

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

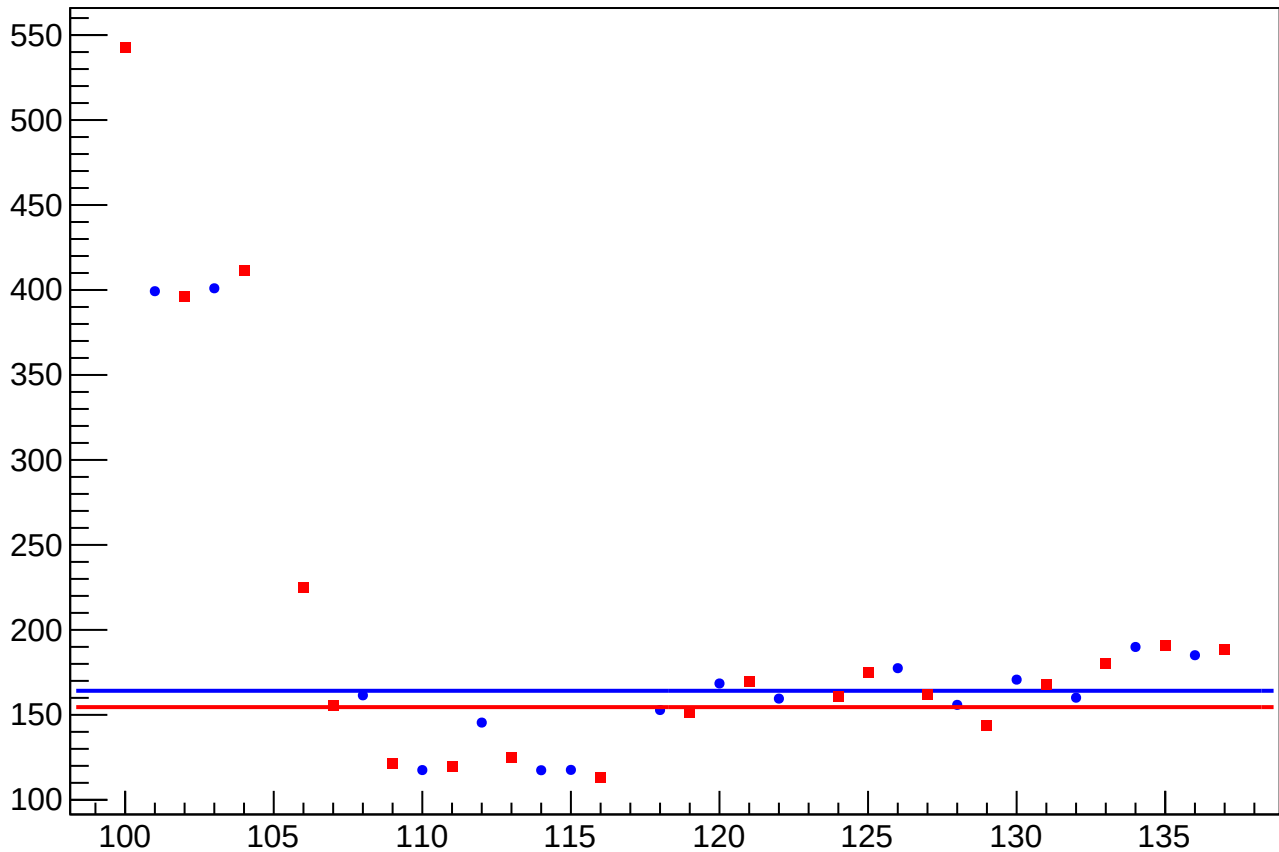
Right Out: 143060.268+/-0.061 χ^2 /NDF: 51715744.7/18

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143072.451+/-0.044 χ^2 /NDF: 98528807.3/34

yield_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 164.167+/-0.046 χ^2/NDF : 1129764.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.558+/-0.043 χ^2/NDF : 1366830.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

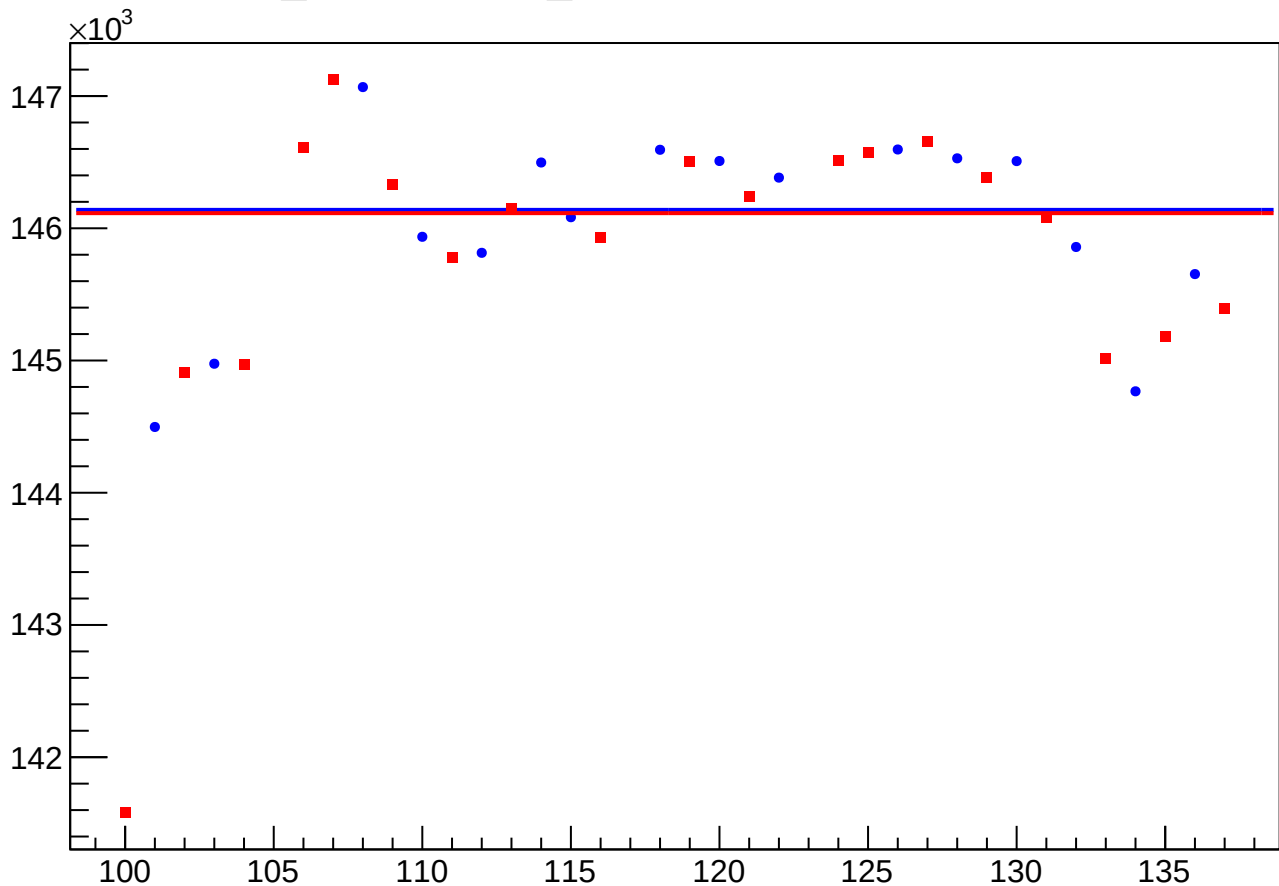
Right: 159.024+/-0.031 χ^2/NDF : 2519924.8/34

In: 164.167+/-0.046 χ^2/NDF : 1129764.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.024+/-0.031 χ^2/NDF : 2519924.8/34

yield_bpm0l08WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 146139.237+/-0.067 χ^2 /NDF: 71721843.8/15

Right: 146125.912+/-0.046 χ^2 /NDF: 144896615.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146114.458+/-0.062 χ^2 /NDF: 73102068.4/18

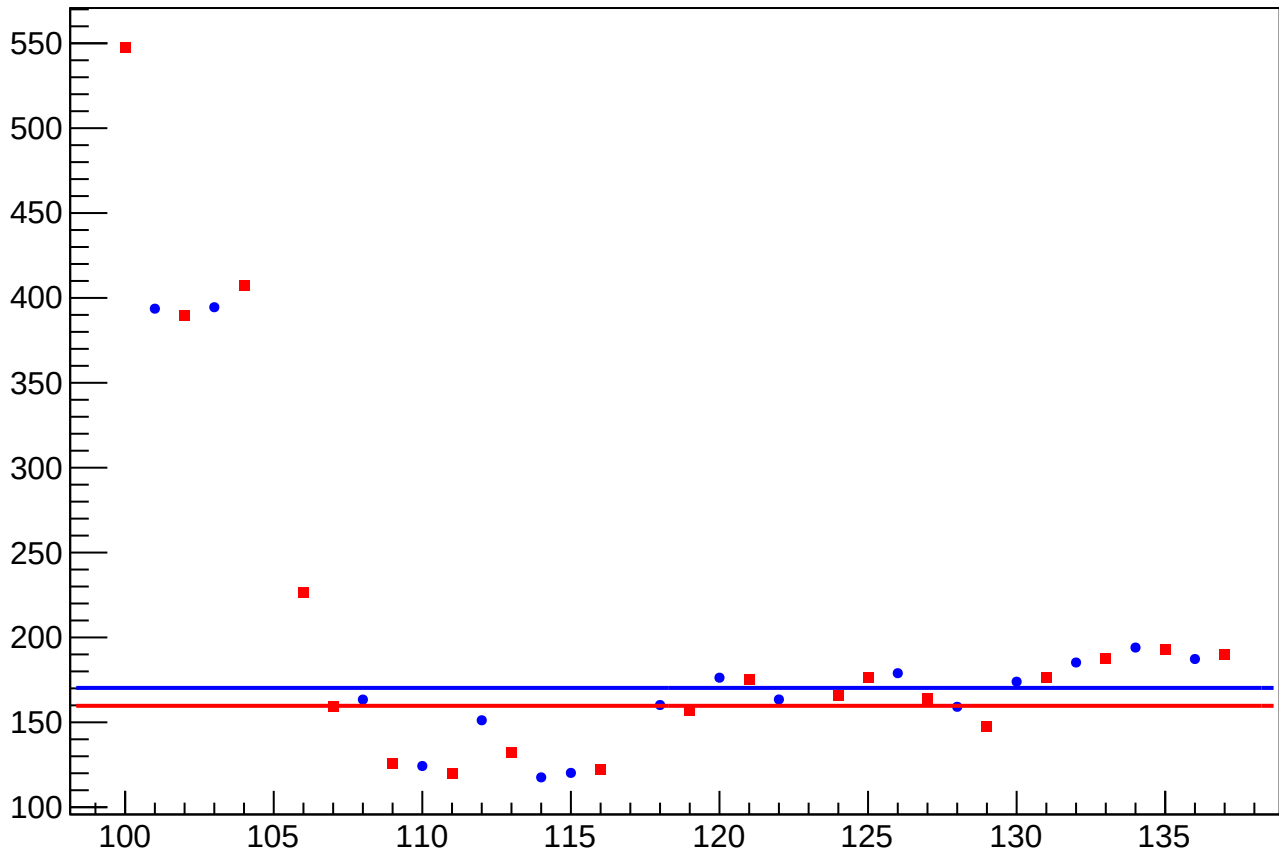
In: 146139.237+/-0.067 χ^2 /NDF: 71721843.8/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146125.912+/-0.046 χ^2 /NDF: 144896615.7/3

yield_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 170.279+/-0.048 χ^2/NDF : 1057631.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 159.724+/-0.044 χ^2/NDF : 1291290.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

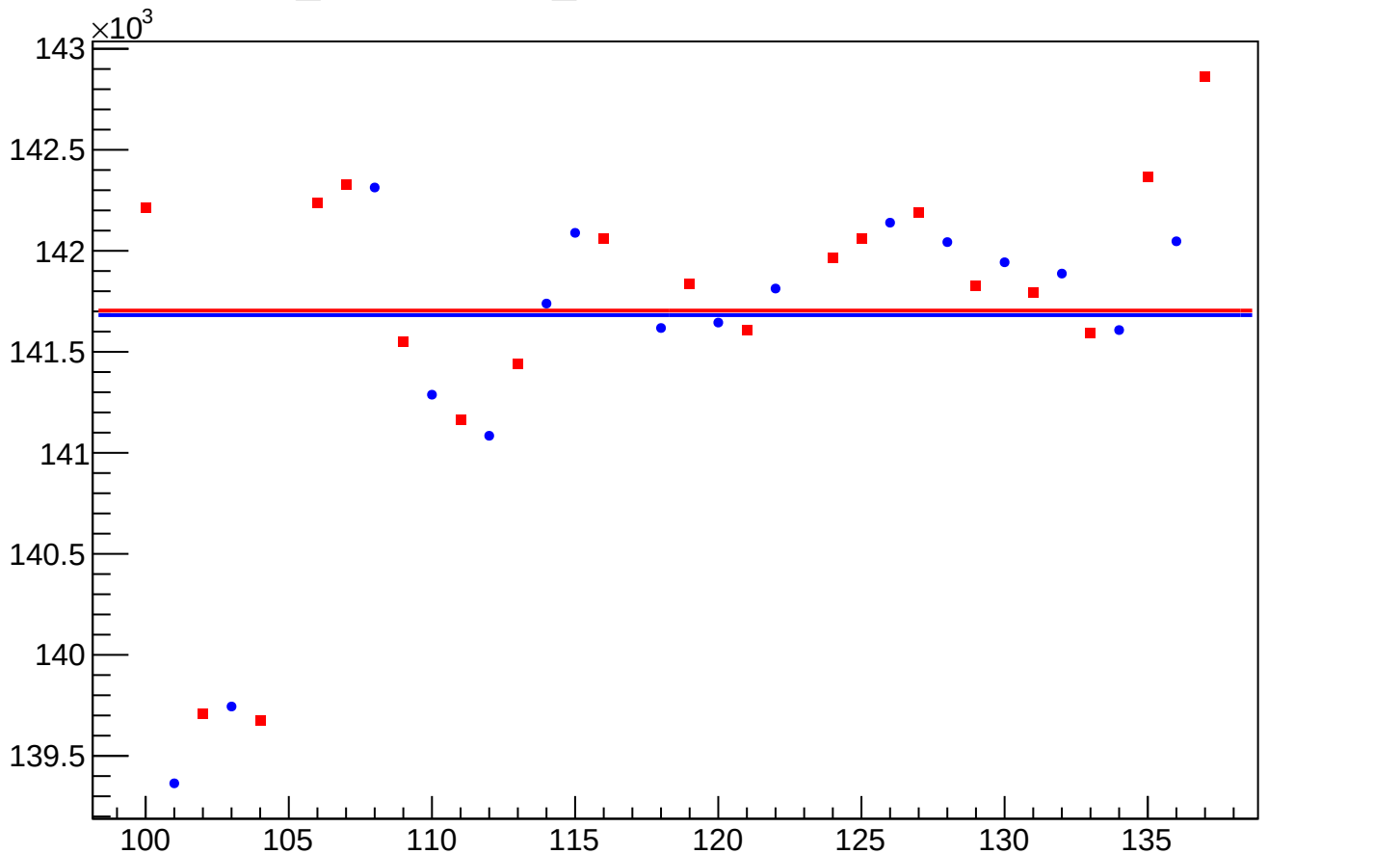
Right: 164.603+/-0.032 χ^2/NDF : 2375303.6/34

In: 170.279+/-0.048 χ^2/NDF : 1057631.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

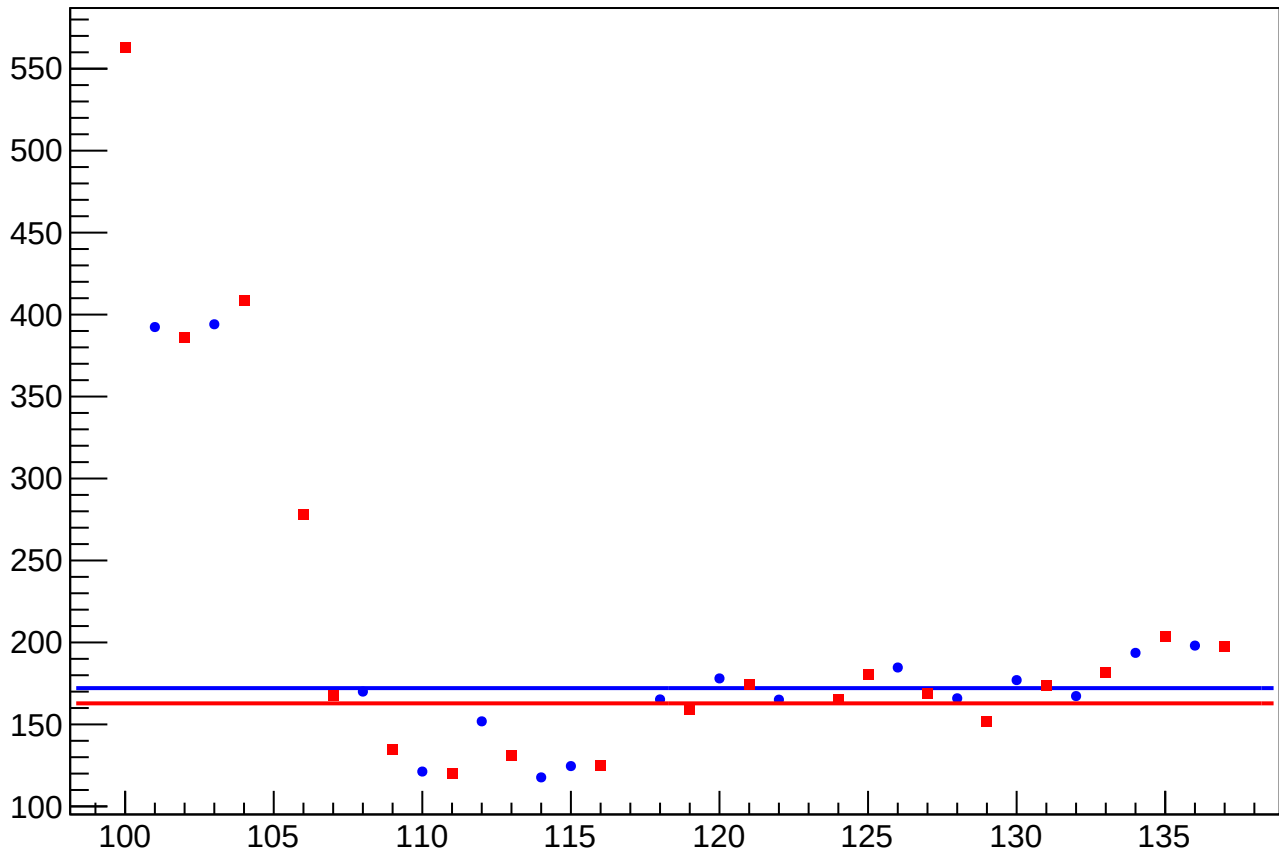
All: 164.603+/-0.032 χ^2/NDF : 2375303.6/34

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: 141681.846 $\pm$ 0.068 χ^2/NDF : 64292997.9/15
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: 141704.185 $\pm$ 0.064 χ^2/NDF : 65526811.0/18
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 141693.772 $\pm$ 0.047 χ^2/NDF : 129876966.3/3
 In: 141681.846 $\pm$ 0.068 χ^2/NDF : 64292997.9/15
 Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: 141693.772 $\pm$ 0.047 χ^2/NDF : 129876966.3/3

yield_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 172.139+/-0.048 χ^2/NDF : 1068587.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 162.845+/-0.045 χ^2/NDF : 1305855.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

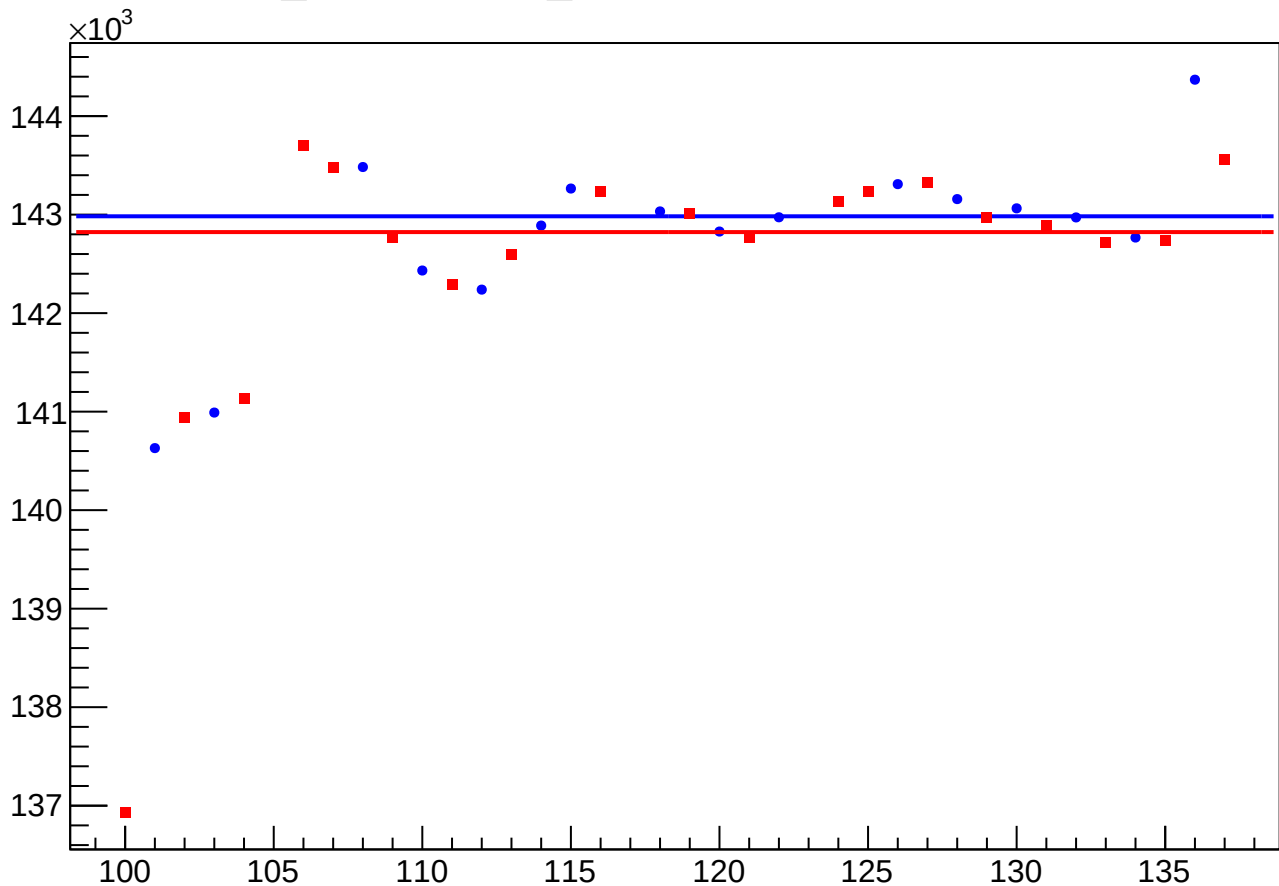
Right: 167.177+/-0.033 χ^2/NDF : 2394232.5/34

In: 172.139+/-0.048 χ^2/NDF :1068587.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 167.177+/-0.033 χ^2/NDF : 2394232.5/34

yield_bpm0l10WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142983.006+/-0.069 χ^2 /NDF: 107696217.2/15

Right: 142896.762+/-0.047 χ^2 /NDF: 174171580.7/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142822.727+/-0.064 χ^2 /NDF: 63581232.6/18

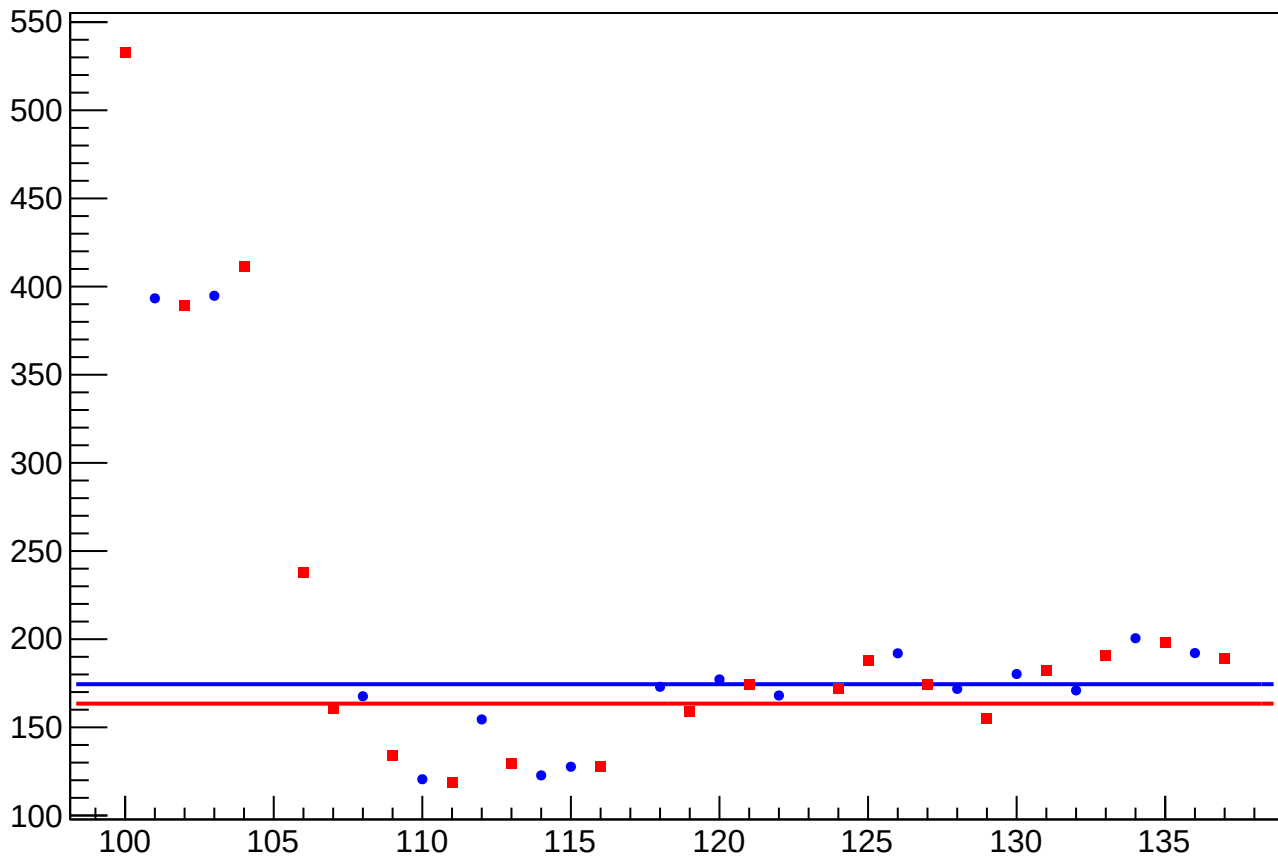
In: 142983.006+/-0.069 χ^2 /NDF: 107696217.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142896.762+/-0.047 χ^2 /NDF: 174171580.7/3

yield_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 174.467 $\pm$ 0.049 χ^2 /NDF: 1049126.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.448 $\pm$ 0.045 χ^2 /NDF: 1282494.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

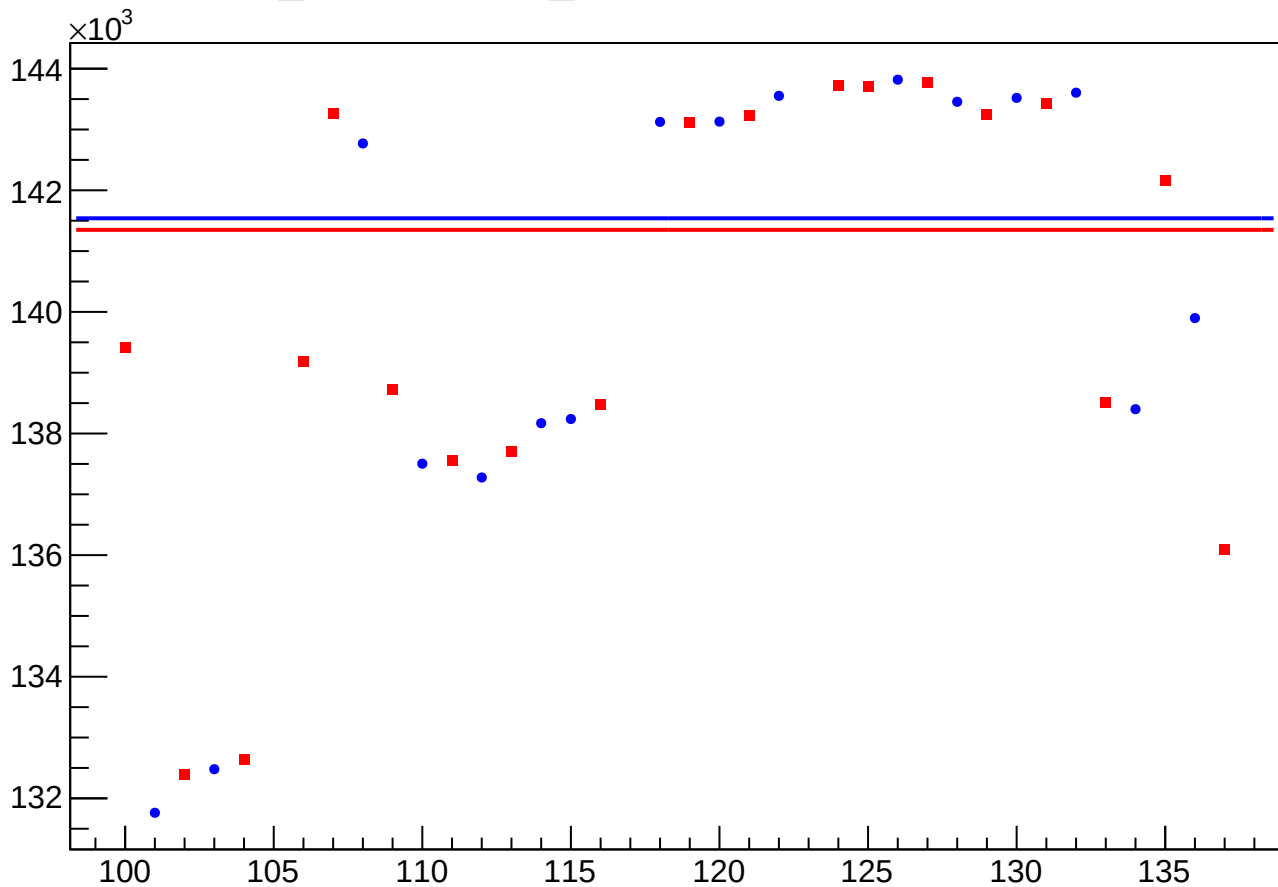
Right: 168.538 $\pm$ 0.033 χ^2 /NDF: 2358977.1/34

In: 174.467 $\pm$ 0.049 χ^2 /NDF:1049126.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

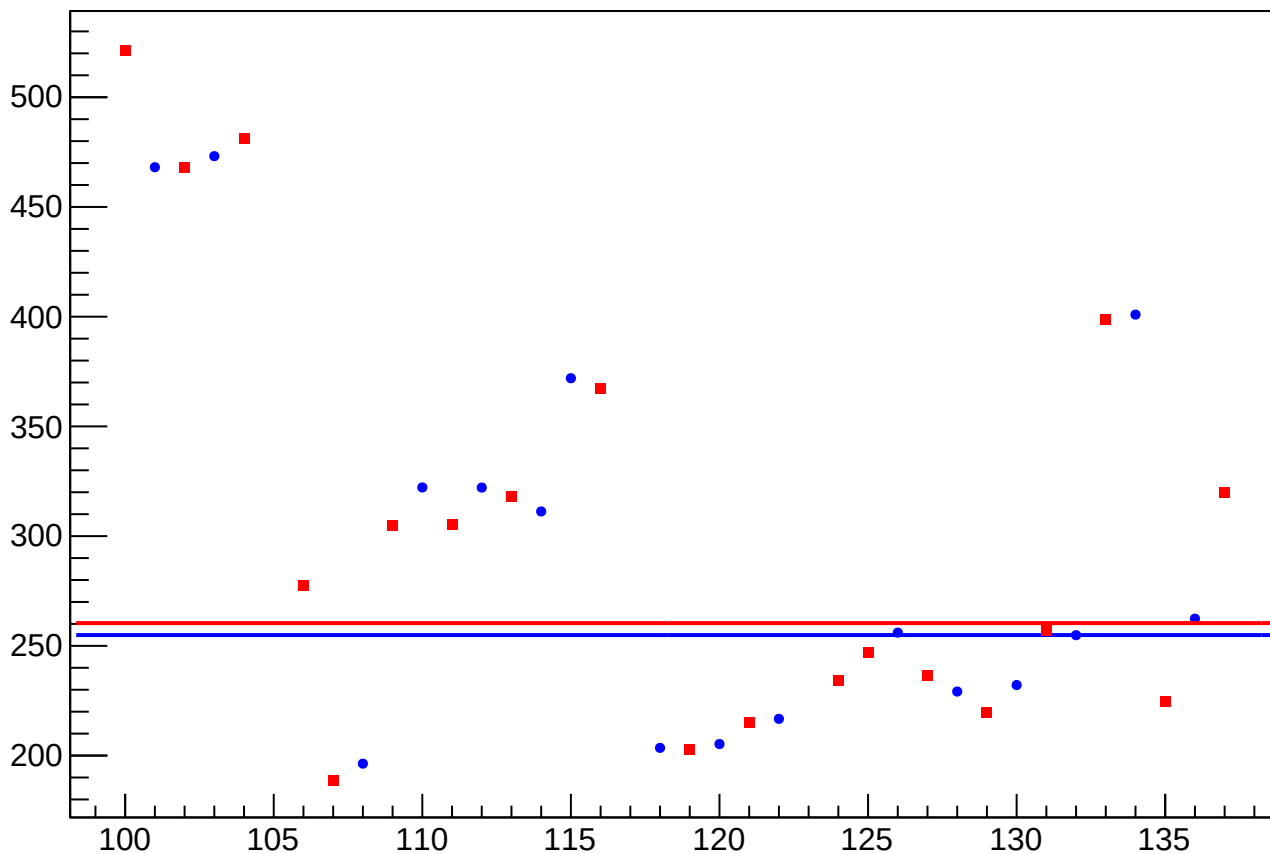
All: 168.538 $\pm$ 0.033 χ^2 /NDF: 2358977.1/34

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: 141539.467 $\pm$ 0.101 χ^2 /NDF: 947743743.7/15
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 141444.713 $\pm$ 0.071 χ^2 /NDF: 1876176691.0/18
 In: 141539.467 $\pm$ 0.101 χ^2 /NDF: 947743743.7/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 141444.713 $\pm$ 0.071 χ^2 /NDF: 187617669

yield_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 254.919+/-0.071 χ^2/NDF : 949952.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 260.369+/-0.071 χ^2/NDF : 993300.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

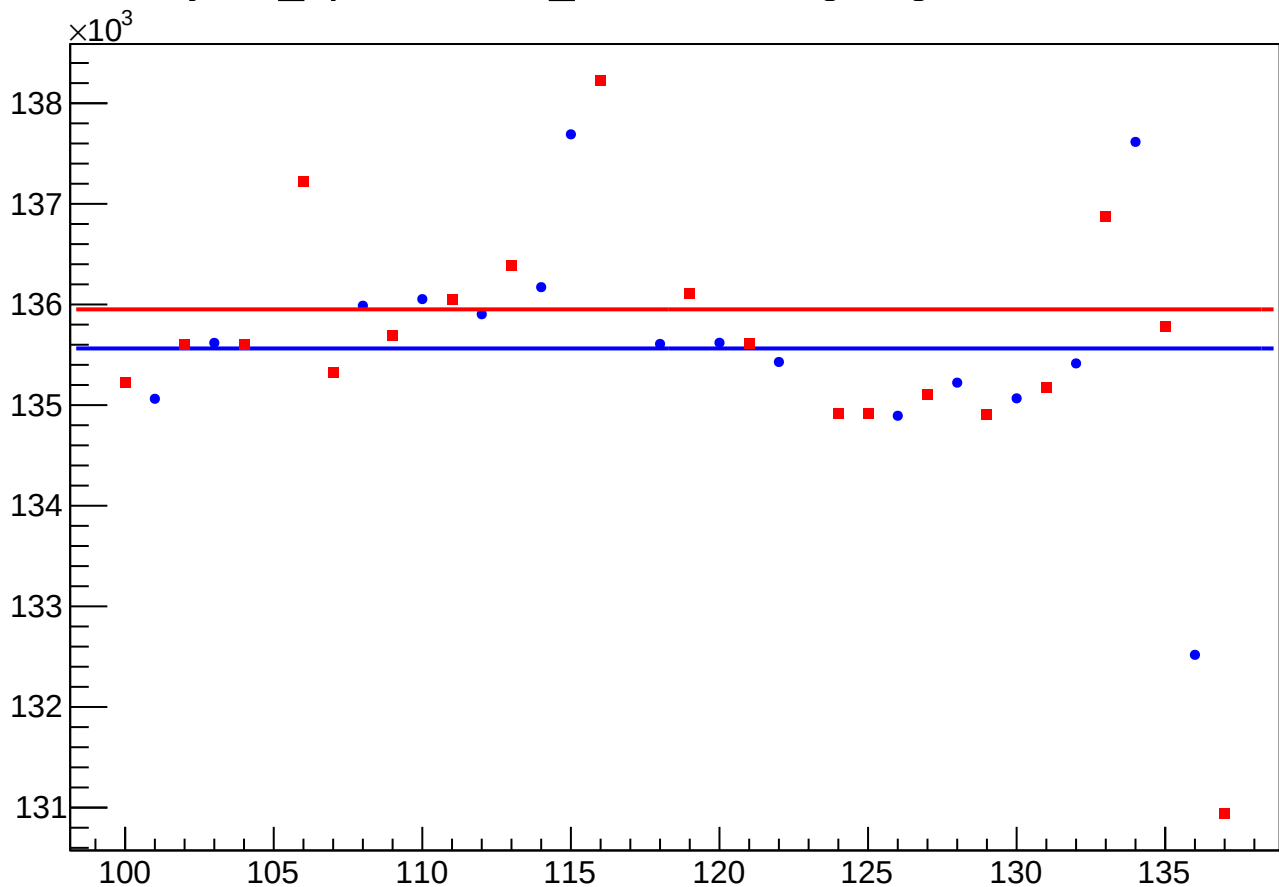
Right: 257.637+/-0.050 χ^2/NDF : 1946167.7/34

In: 254.919+/-0.071 χ^2/NDF : 949952.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

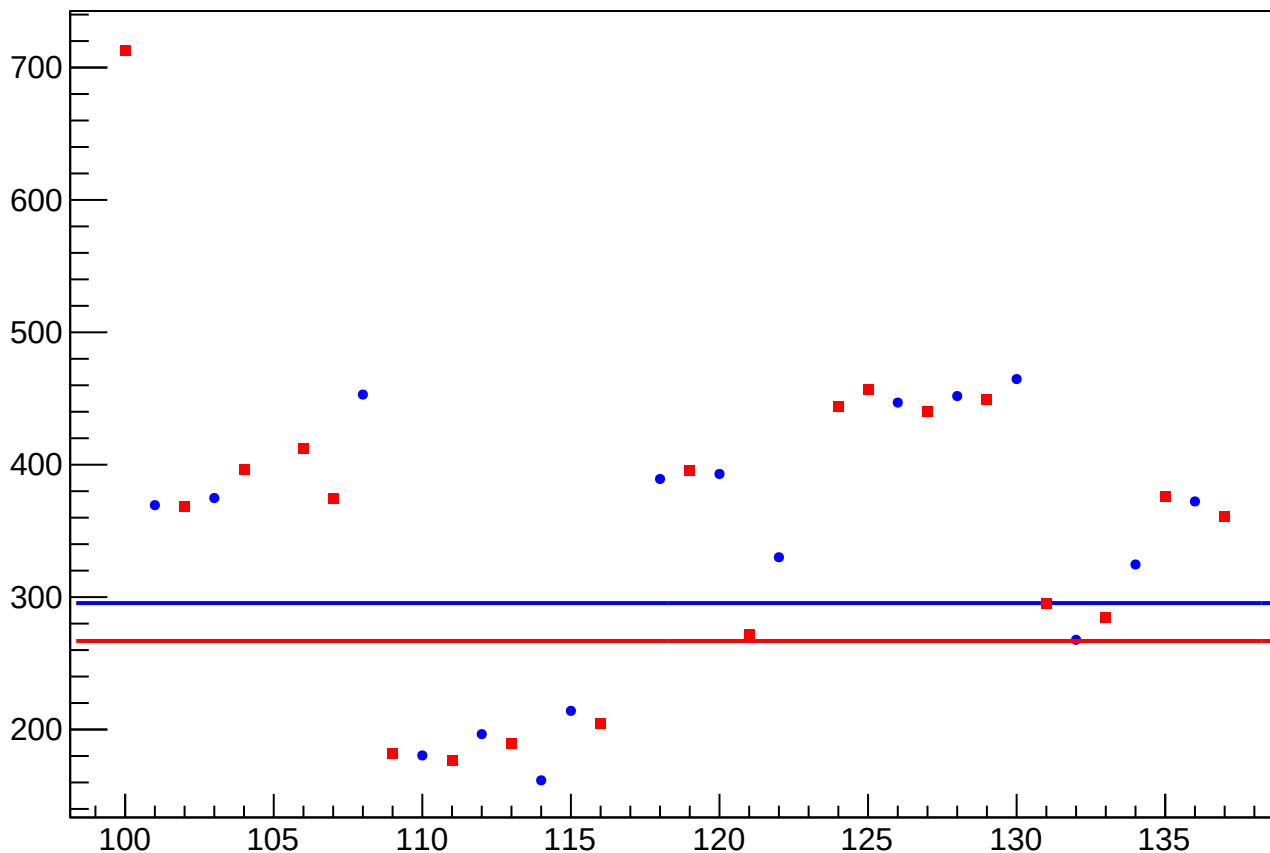
All: 257.637+/-0.050 χ^2/NDF : 1946167.7/34

yield_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: 135563.062 $\pm$ 0.118 χ^2 /NDF: 94169293.7/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 135951.486 $\pm$ 0.106 χ^2 /NDF: 91577209.6/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 135777.958 $\pm$ 0.079 χ^2 /NDF: 191705440.0/3
 In: 135563.062 $\pm$ 0.118 χ^2 /NDF:94169293.7/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 135777.958 $\pm$ 0.079 χ^2 /NDF: 191705440.0/3

yield_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 295.481+/-0.084 χ^2/NDF : 1442531.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 266.864+/-0.075 χ^2/NDF : 1678073.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

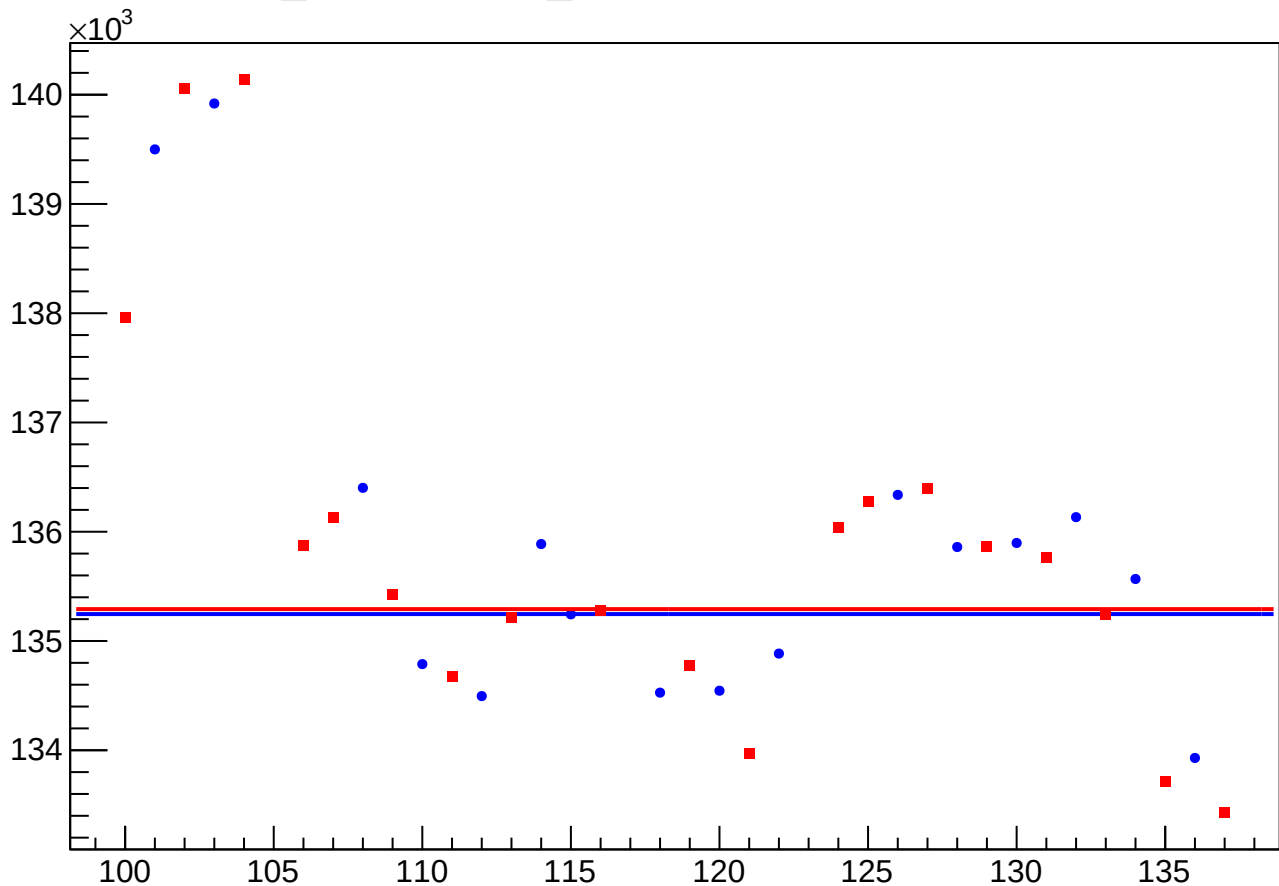
Right: 279.649+/-0.056 χ^2/NDF : 3185297.4/34

In: 295.481+/-0.084 χ^2/NDF :1442531.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 279.649+/-0.056 χ^2/NDF : 3185297.4/34

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 135246.269+/-0.055 χ^2 /NDF: 388384719.1/15

Right: 135270.332+/-0.038 χ^2 /NDF: 770541555.9/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 135291.851+/-0.052 χ^2 /NDF: 381790556.0/18

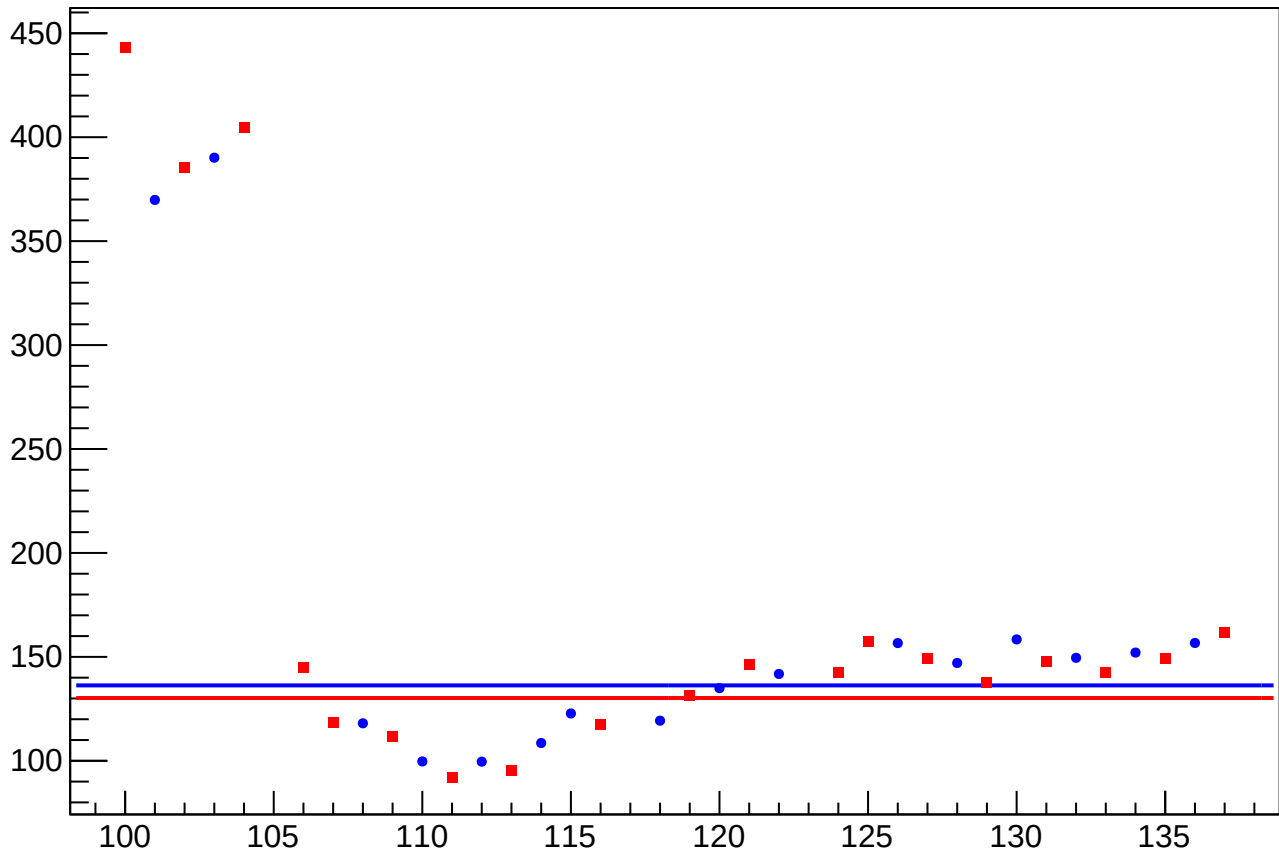
In: 135246.269+/-0.055 χ^2 /NDF: 388384719.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 135270.332+/-0.038 χ^2 /NDF: 770541555.9/3

yield_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 136.285+/-0.039 χ^2/NDF : 1384057.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 130.206+/-0.037 χ^2/NDF : 1520840.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

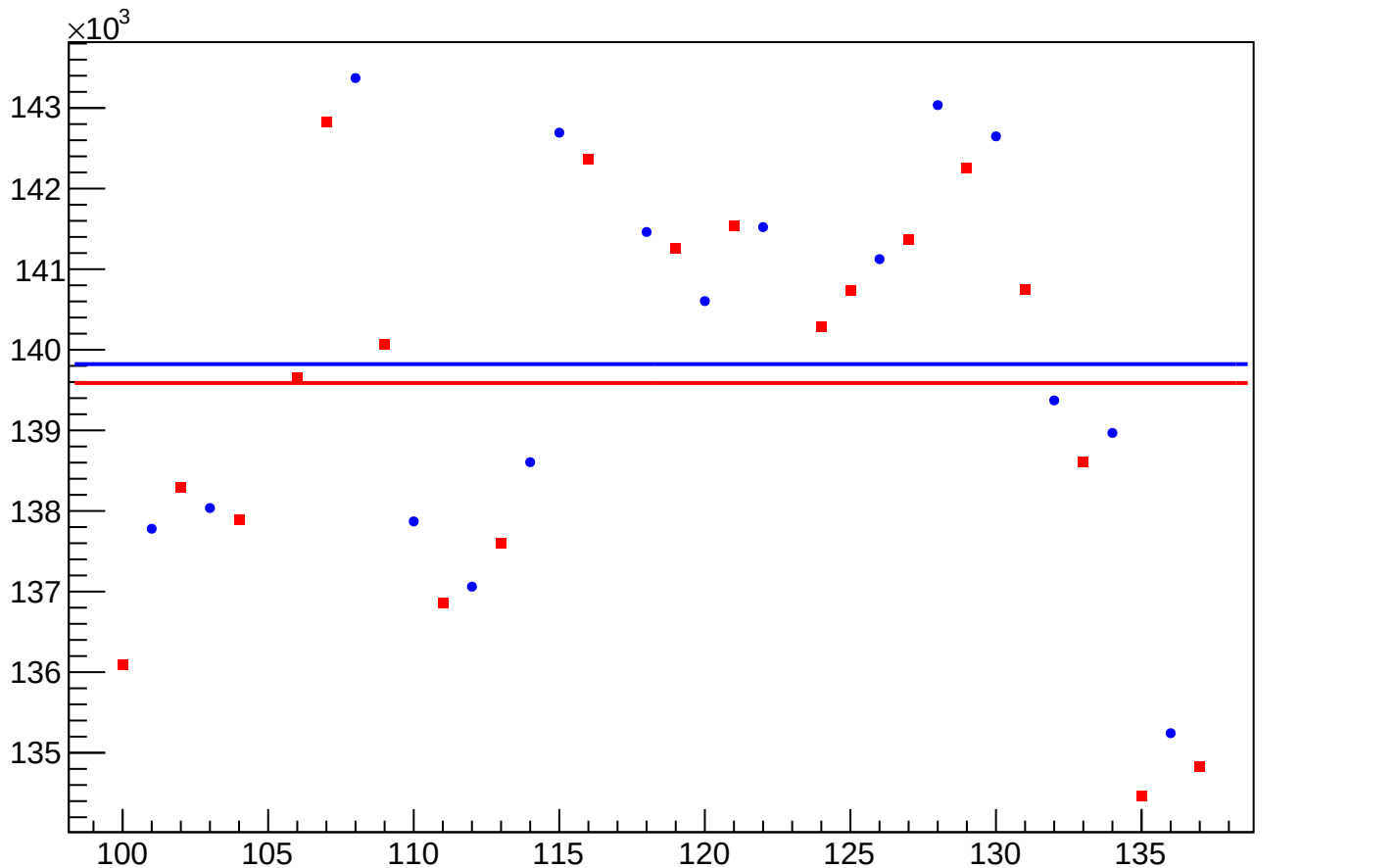
Right: 133.076+/-0.027 χ^2/NDF : 2917928.2/34

In: 136.285+/-0.039 χ^2/NDF : 1384057.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.076+/-0.027 χ^2/NDF : 2917928.2/34

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 139822.122+/-0.063 χ^2 /NDF: 1663381581.4/15

Right: 139699.515+/-0.043 χ^2 /NDF: 3153646641.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

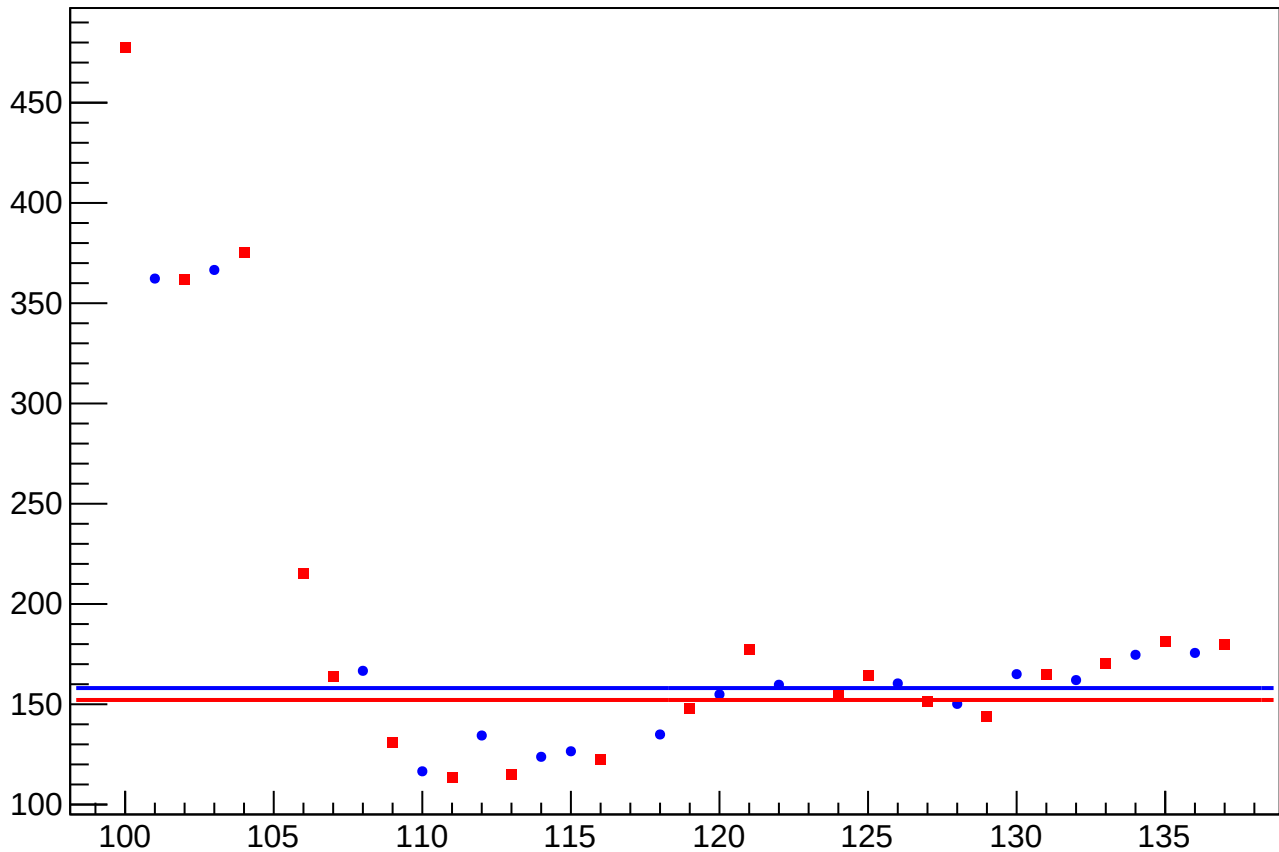
Right Out: 139587.876+/-0.060 χ^2 /NDF: 1482934186.2/18

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 139699.515+/-0.043 χ^2 /NDF: 3153646641.6/15

yield_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 158.079+/-0.044 χ^2/NDF : 1017928.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 152.139+/-0.042 χ^2/NDF : 1229053.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

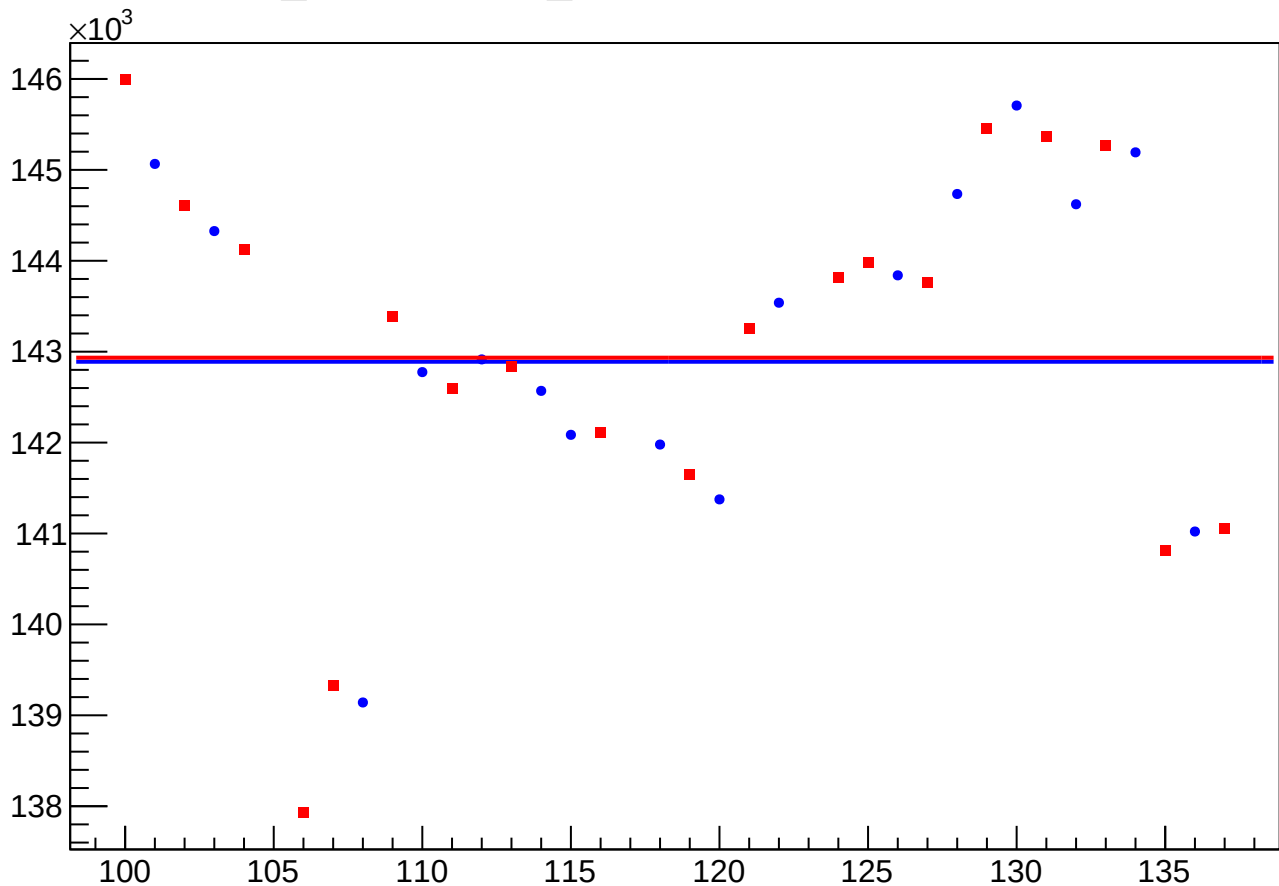
Right: 154.970+/-0.031 χ^2/NDF : 2256411.8/34

In: 158.079+/-0.044 χ^2/NDF : 1017928.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.970+/-0.031 χ^2/NDF : 2256411.8/34

yield_bpm0i05WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 142889.386+/-0.066 χ^2 /NDF: 763303771.6/15

Right: 142913.088+/-0.045 χ^2 /NDF: 1550935114.7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142933.890+/-0.062 χ^2 /NDF: 787386856.4/18

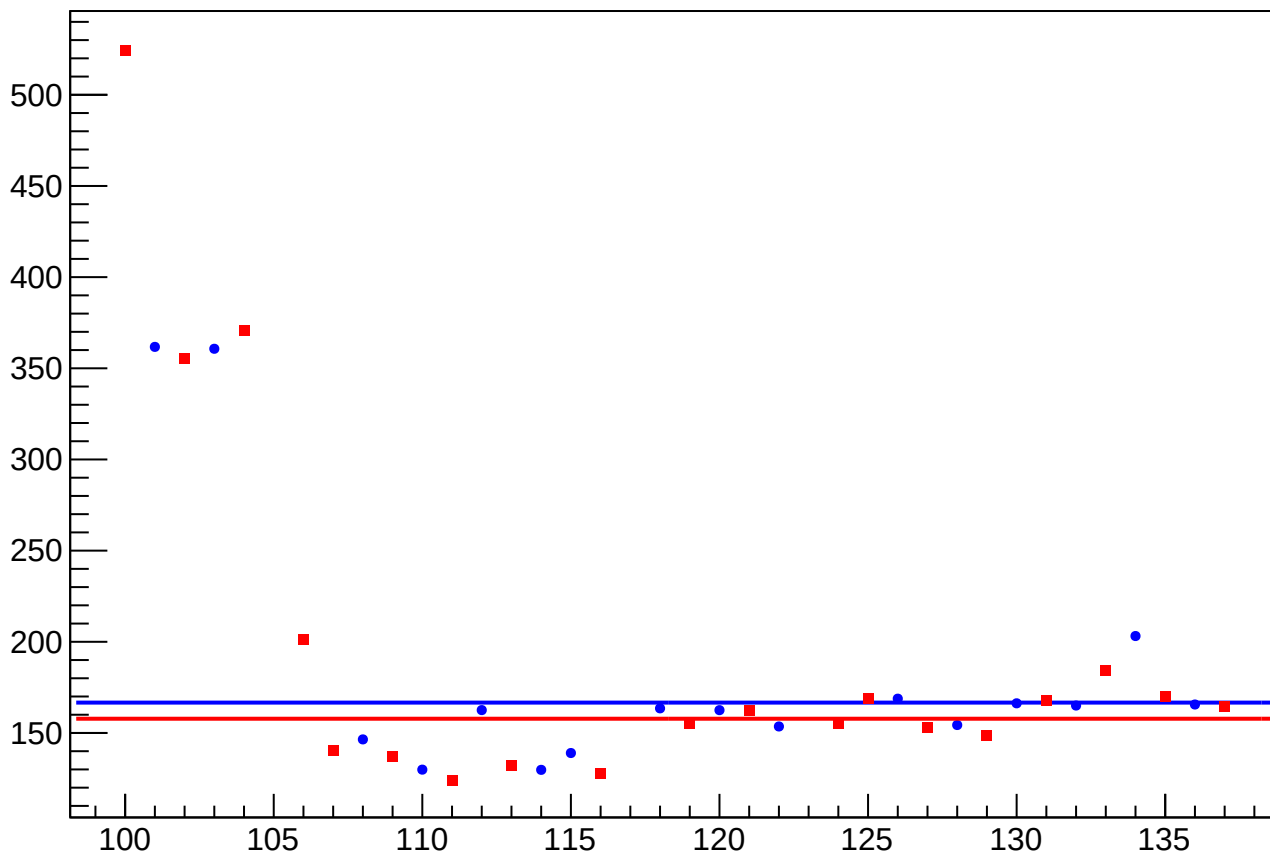
In: 142889.386+/-0.066 χ^2 /NDF: 763303771.6/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142913.088+/-0.045 χ^2 /NDF: 1550935114.7

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 166.656+/-0.046 χ^2/NDF : 863574.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.809+/-0.044 χ^2/NDF : 1022332.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

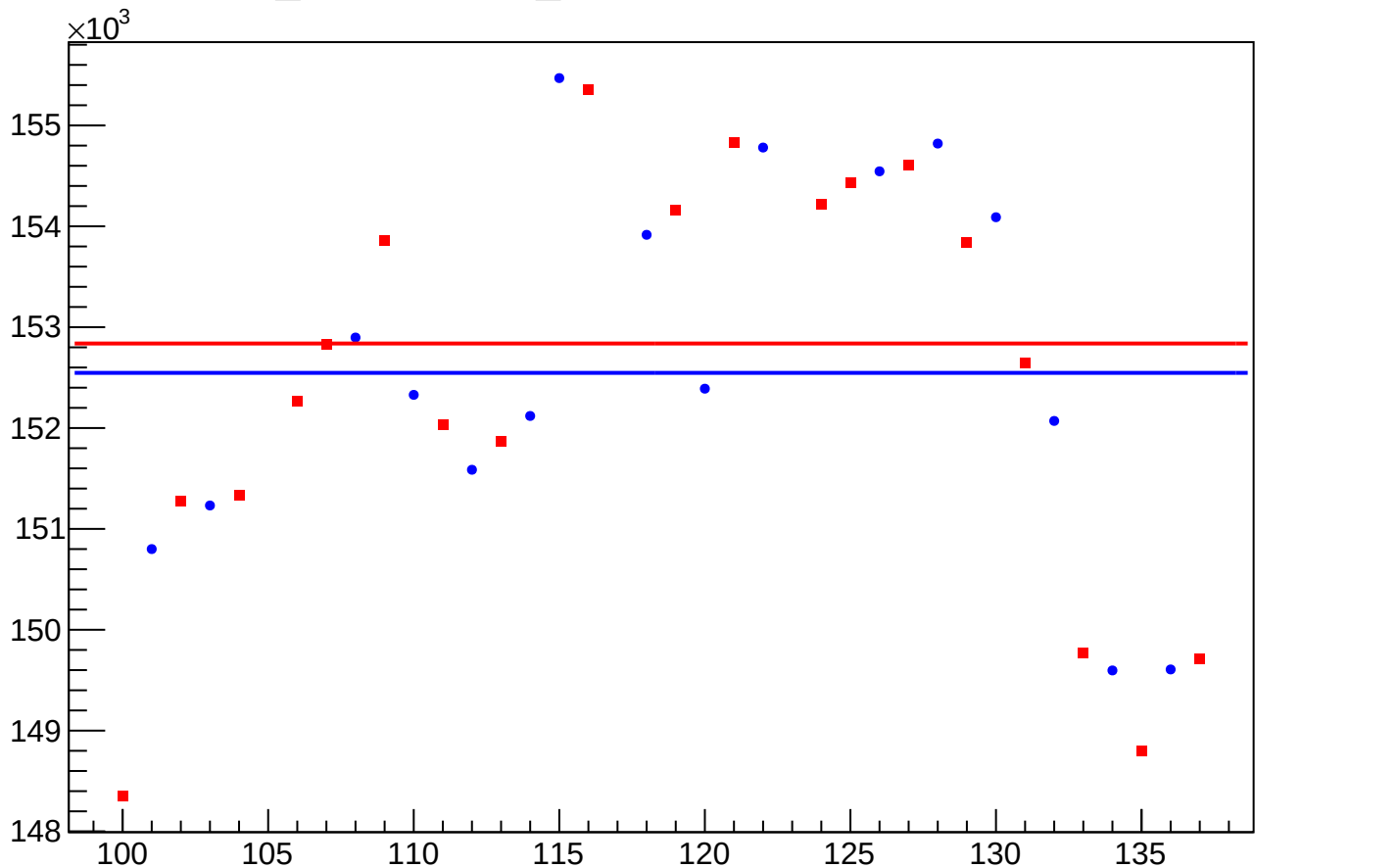
Right: 161.945+/-0.032 χ^2/NDF : 1905231.4/34

In: 166.656+/-0.046 χ^2/NDF : 863574.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

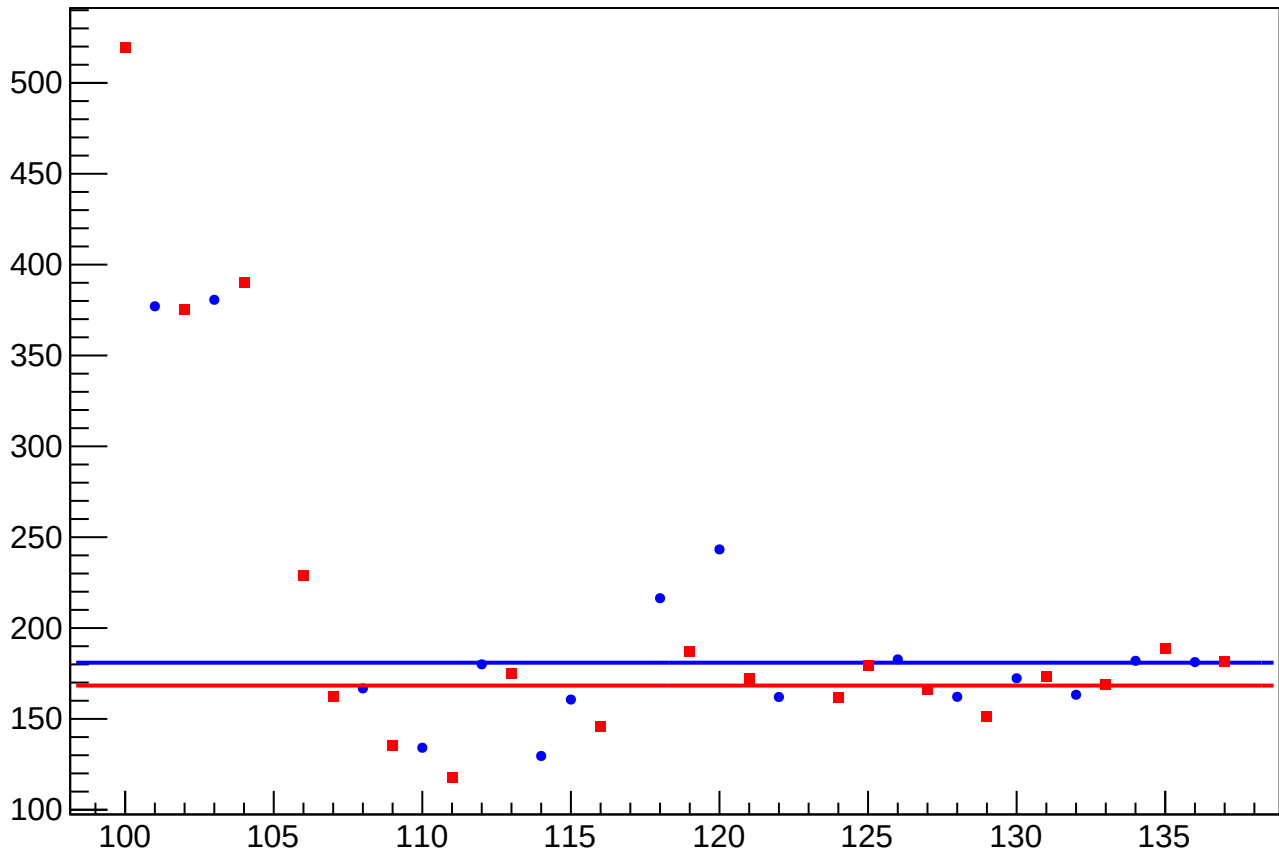
All: 161.945+/-0.032 χ^2/NDF : 1905231.4/34

yield_bpm0i07WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 152546.899+/-0.073 χ^2/NDF : 654540559.6/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 152704.814+/-0.049 χ^2/NDF : 1400162101.0
 In: 152546.899+/-0.073 χ^2/NDF : 654540559.6/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 152704.814+/-0.049 χ^2/NDF : 1400162101.0

yield_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.349+/-0.047 χ^2/NDF : 1089090.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

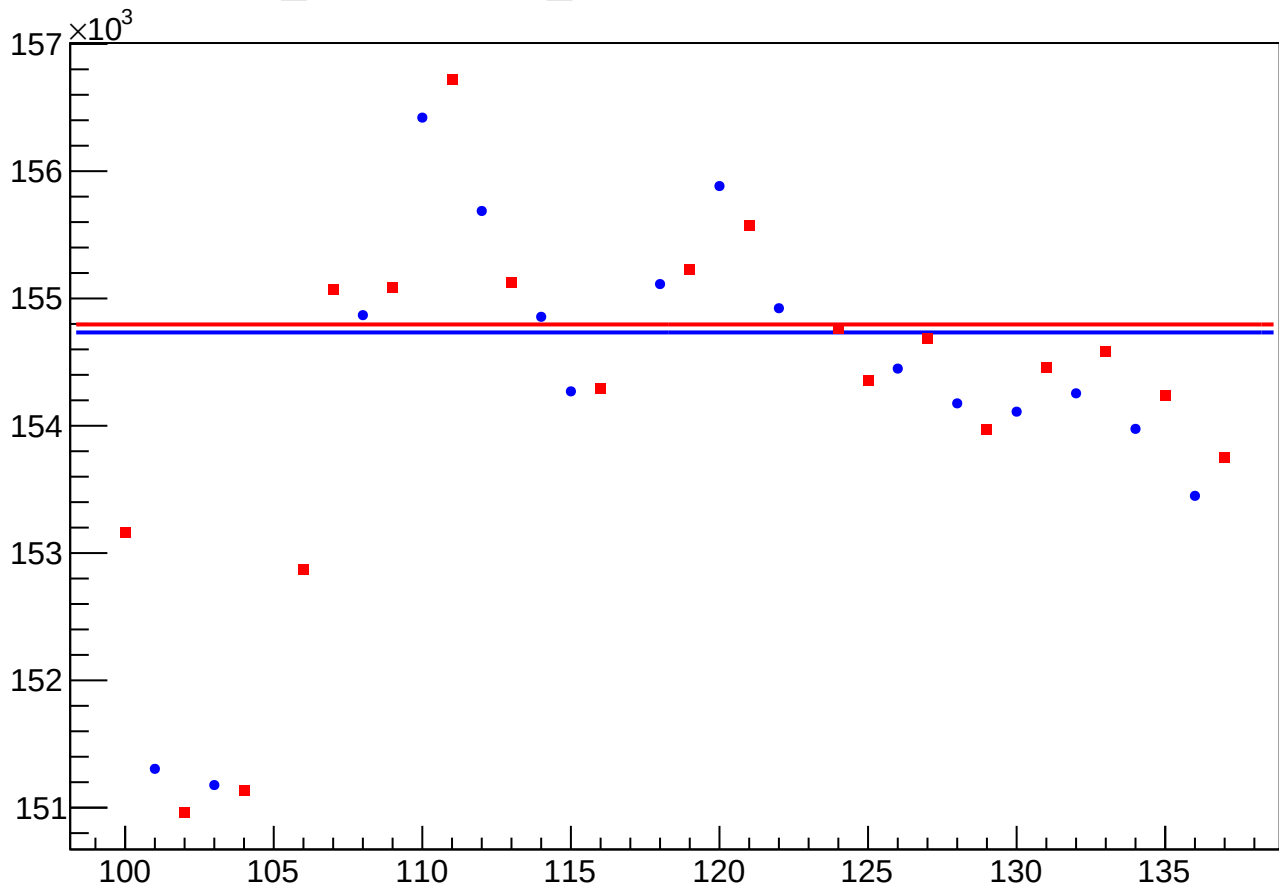
Right: 174.106+/-0.035 χ^2/NDF : 2029471.3/34

In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 174.106+/-0.035 χ^2/NDF : 2029471.3/34

yield_bpm1i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 154733.155+/-0.065 χ^2 /NDF: 274462319.1/15

Right: 154766.574+/-0.045 χ^2 /NDF: 579080682.1/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154795.893+/-0.061 χ^2 /NDF: 304125082.4/18

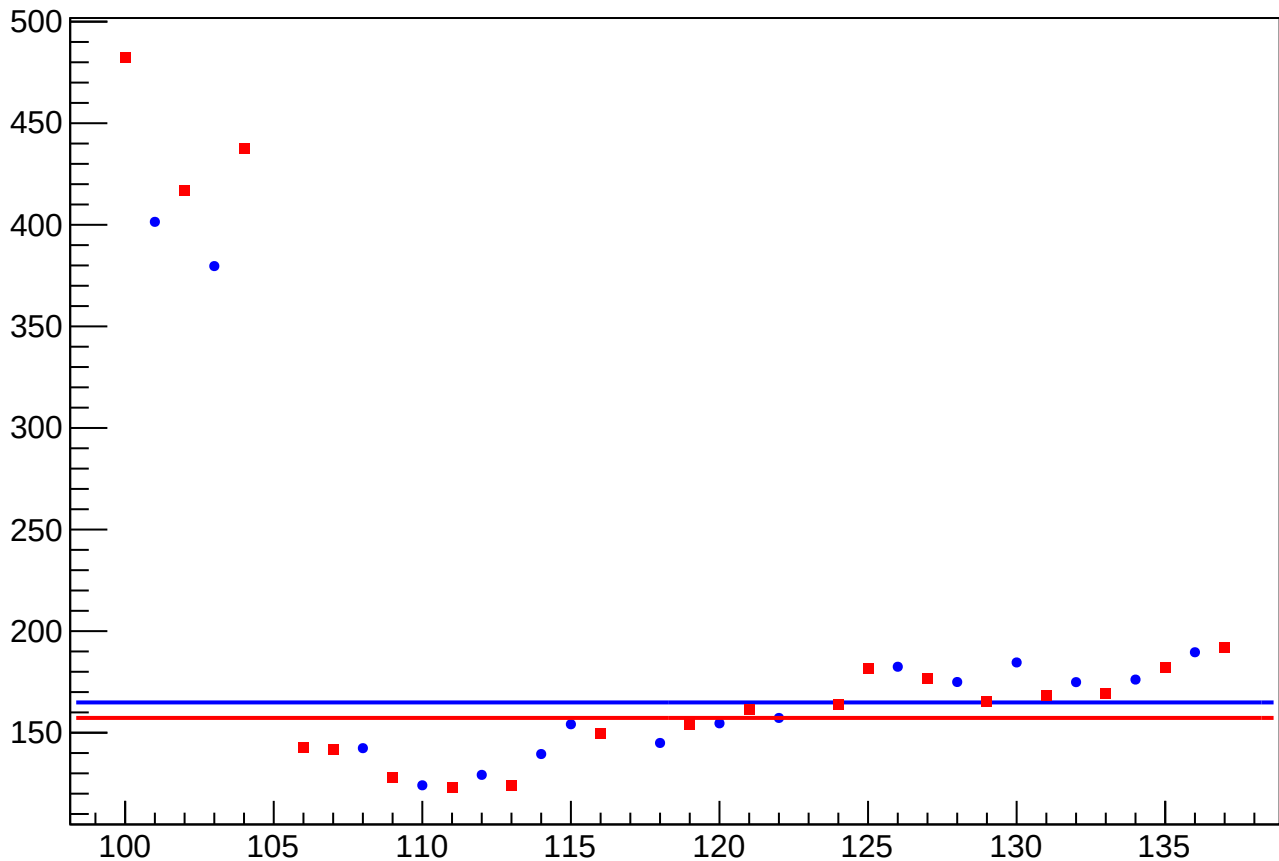
In: 154733.155+/-0.065 χ^2 /NDF: 274462319.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154766.574+/-0.045 χ^2 /NDF: 579080682.1/3

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 164.906+/-0.046 χ^2/NDF : 1072730.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 157.283+/-0.043 χ^2/NDF : 1254831.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

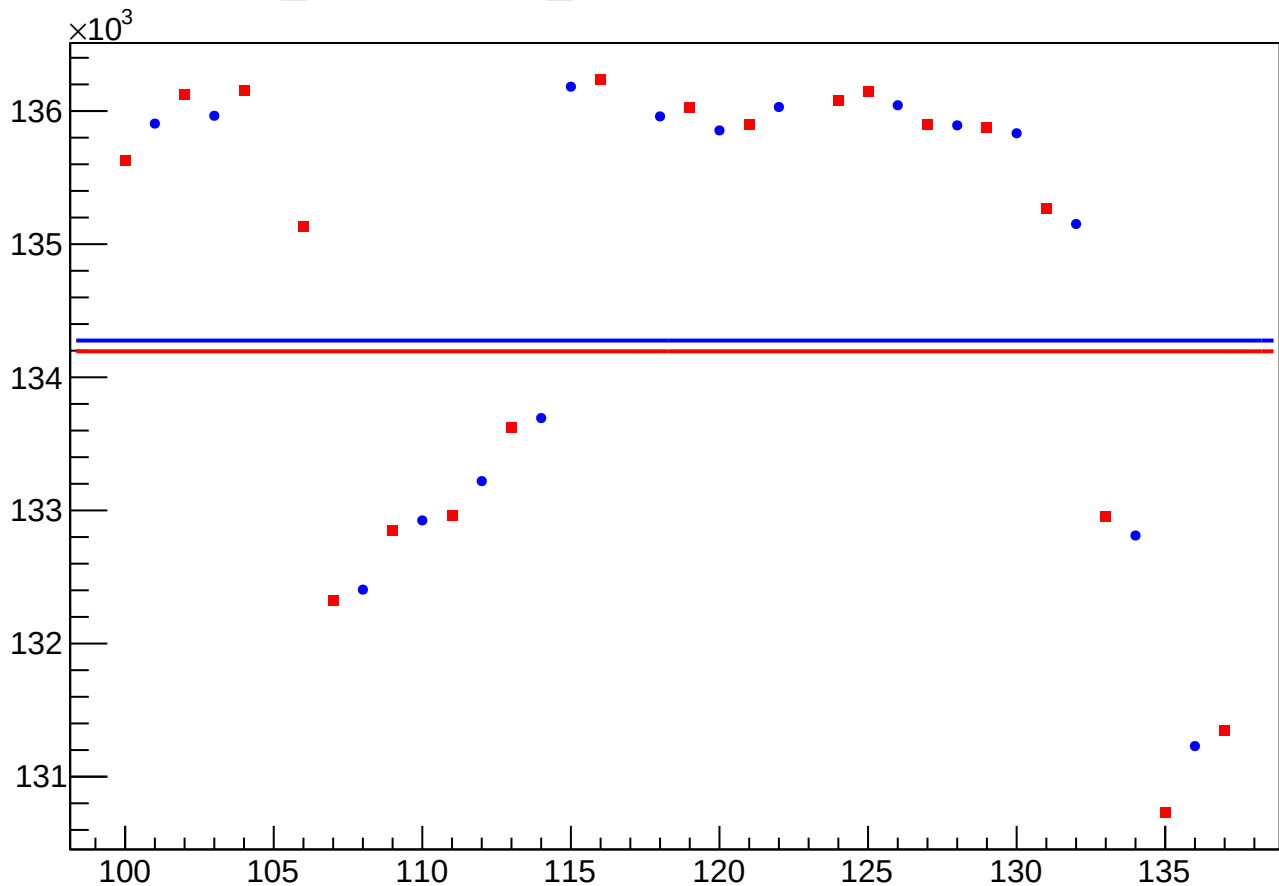
Right: 160.846+/-0.032 χ^2/NDF : 2342128.6/34

In: 164.906+/-0.046 χ^2/NDF : 1072730.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

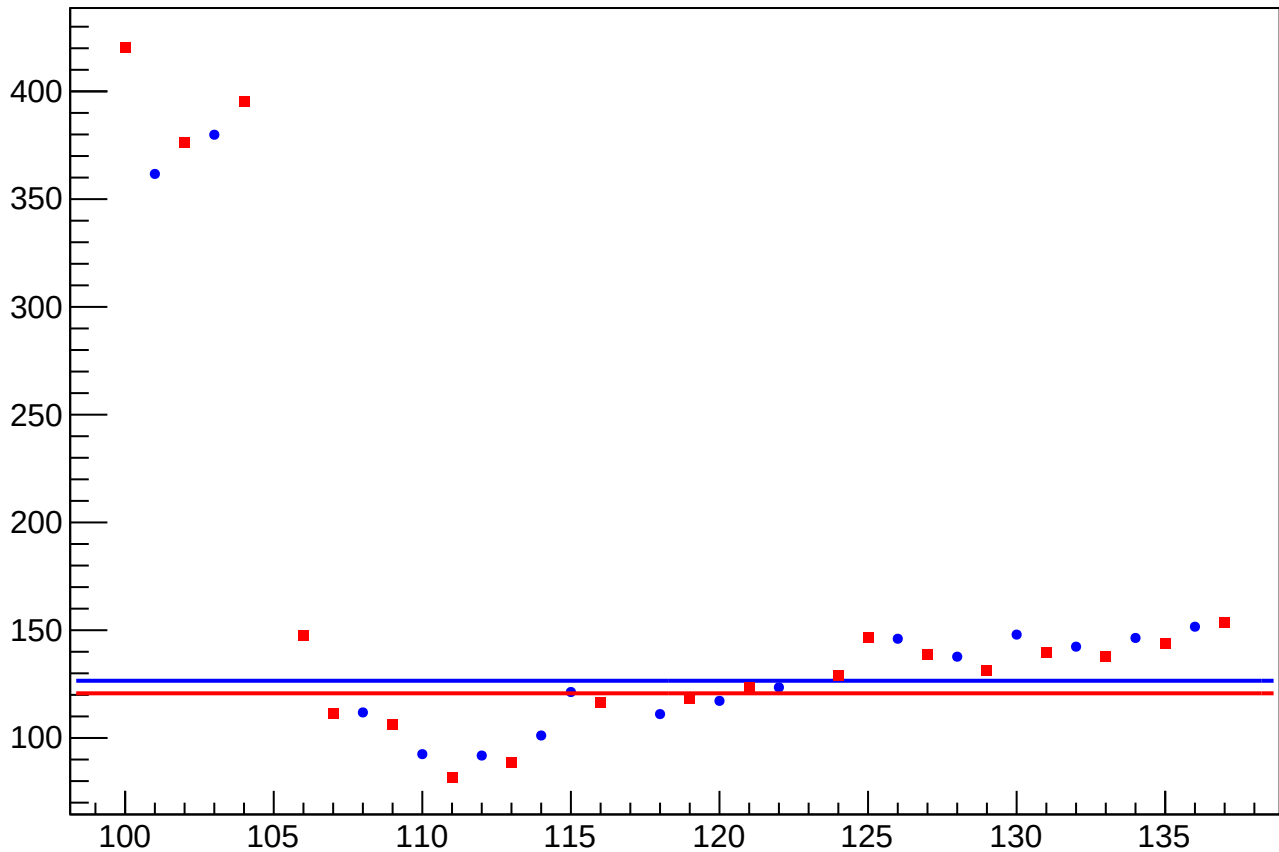
All: 160.846+/-0.032 χ^2/NDF : 2342128.6/34

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: 134276.096 $\pm$ 0.051 χ^2 /NDF: 1142867100.2/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 134195.257 $\pm$ 0.048 χ^2 /NDF: 1205537499.7/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 134233.345 $\pm$ 0.035 χ^2 /NDF: 2349742421.8

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 126.551+/-0.036 χ^2/NDF : 1477429.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 120.723+/-0.034 χ^2/NDF : 1632726.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

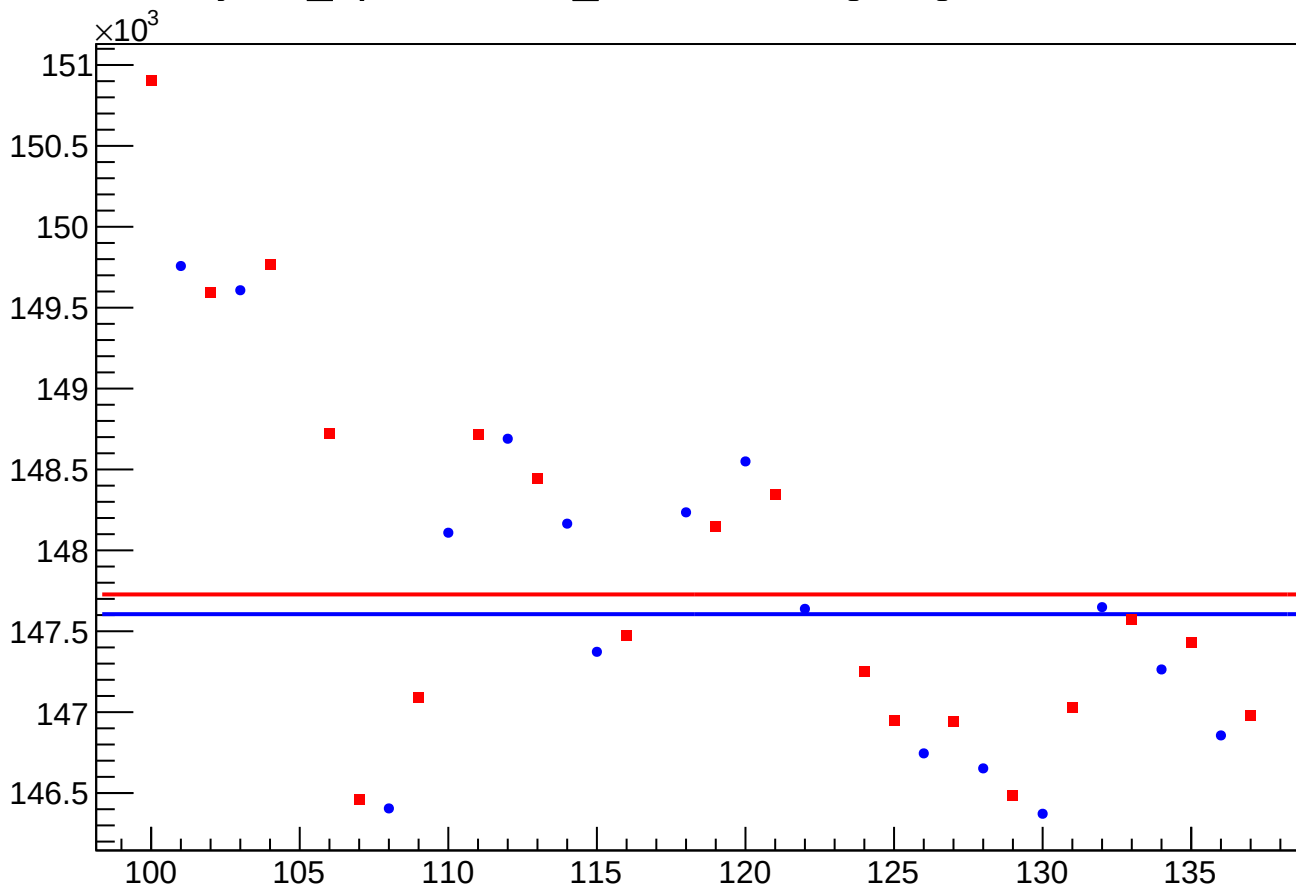
Right: 123.469+/-0.025 χ^2/NDF : 3124061.5/34

In: 126.551+/-0.036 χ^2/NDF :1477429.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 123.469+/-0.025 χ^2/NDF : 3124061.5/34

yield_bpm1i06WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right In: 147605.604+/-0.062 χ^2 /NDF: 200513366.5/15

Right: 147670.157+/-0.043 χ^2 /NDF: 397331184.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147727.598+/-0.059 χ^2 /NDF: 194800119.4/18

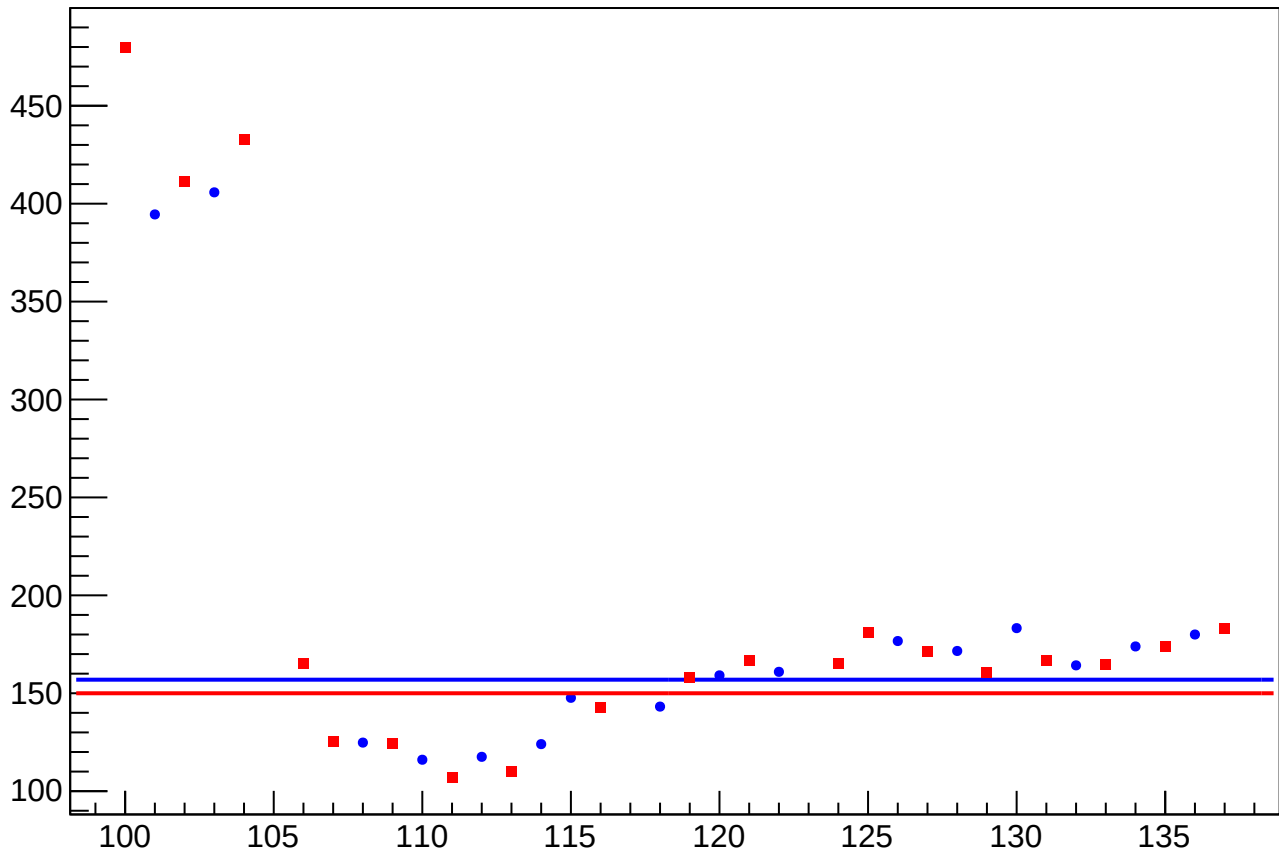
In: 147605.604+/-0.062 χ^2 /NDF: 200513366.5/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147670.157+/-0.043 χ^2 /NDF: 397331184.2/3

yield_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 156.927+/-0.044 χ^2/NDF : 1265768.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 149.994+/-0.042 χ^2/NDF : 1453928.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

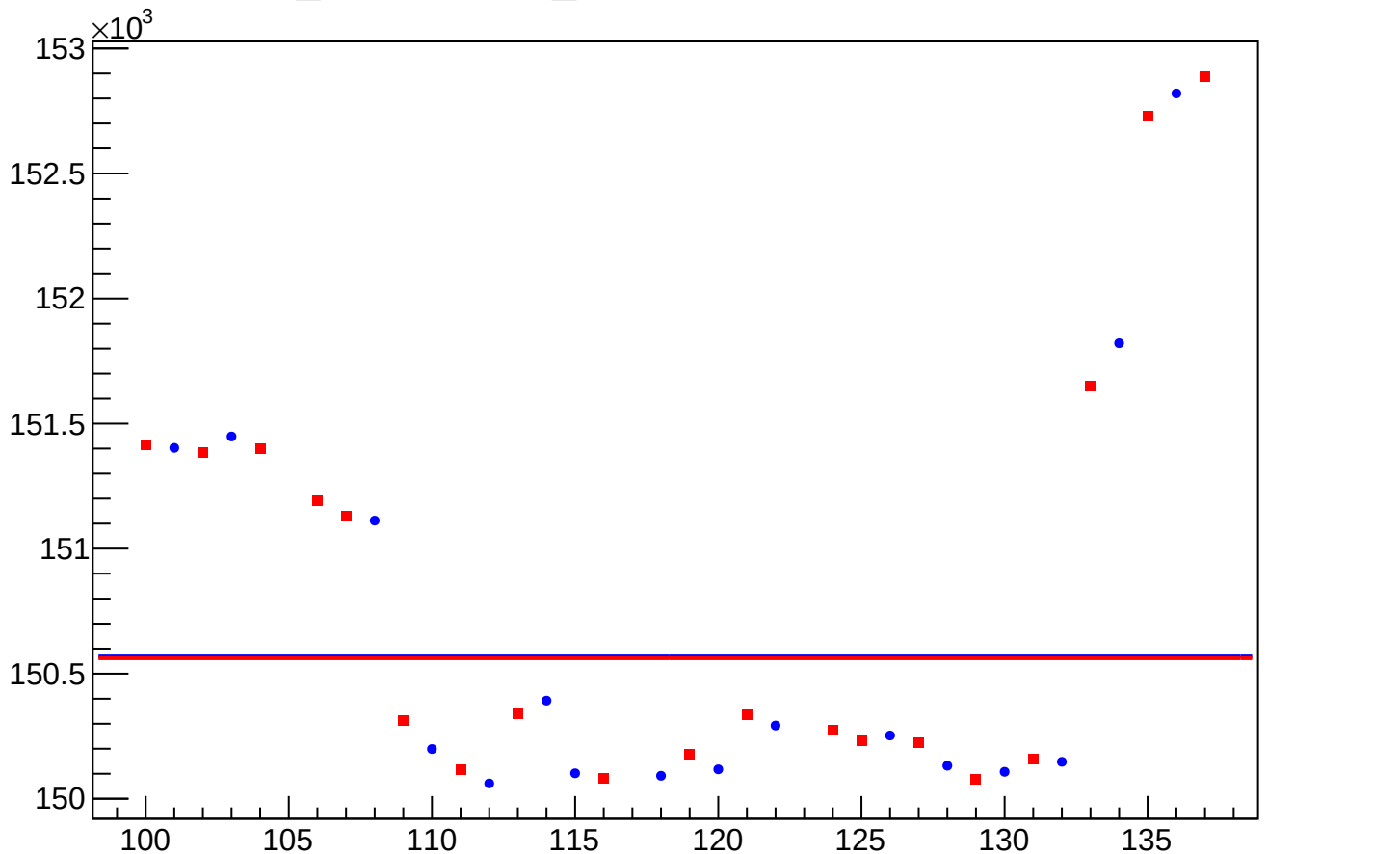
Right: 153.258+/-0.030 χ^2/NDF : 2732730.8/34

In: 156.927+/-0.044 χ^2/NDF :1265768.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

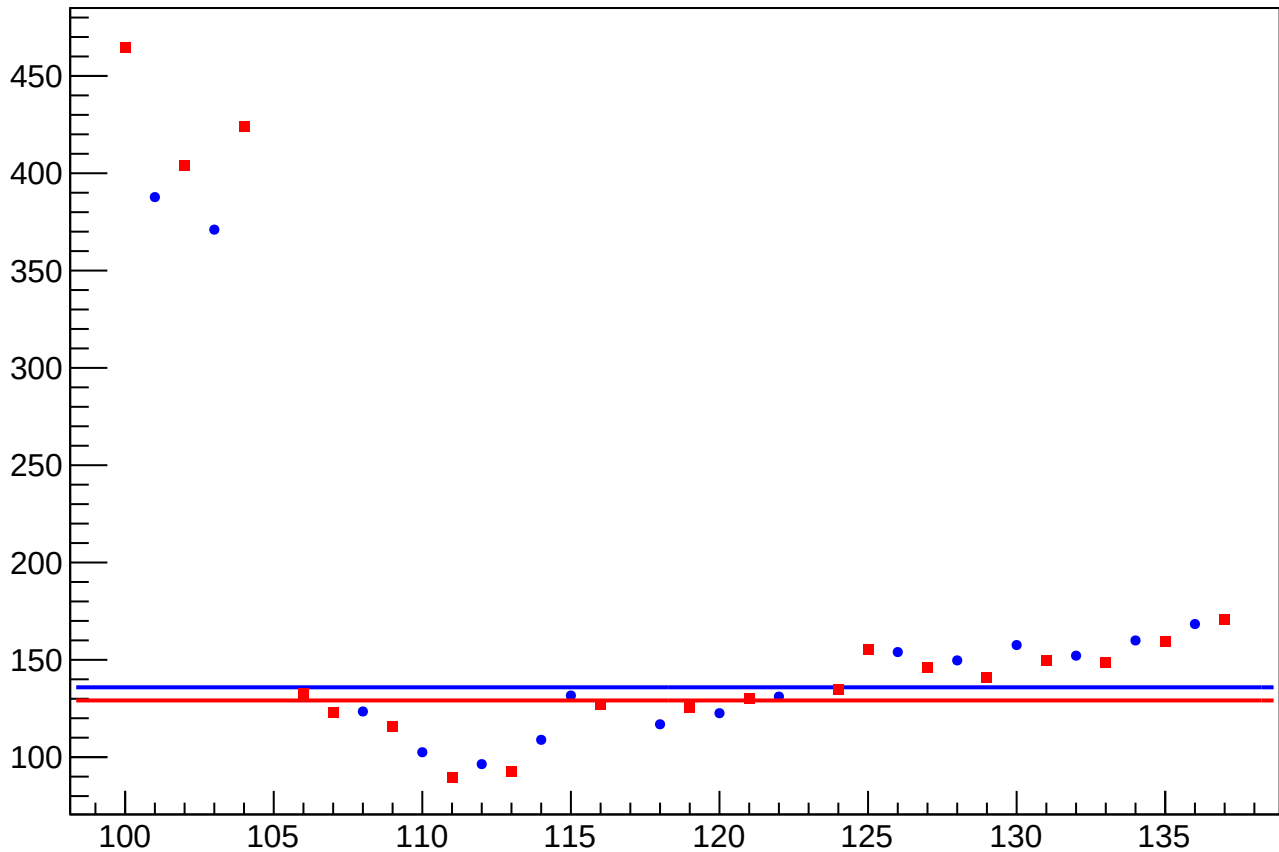
All: 153.258+/-0.030 χ^2/NDF : 2732730.8/34

yield_bpm2i01WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 150568.638+/-0.055 χ^2 /NDF: 237155171.8/15
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: 150564.903+/-0.037 χ^2 /NDF: 434664709.4/3
 In: 150568.638+/-0.055 χ^2 /NDF: 237155171.8/15
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 150564.903+/-0.037 χ^2 /NDF: 434664709.4/3

yield_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 135.896+/-0.039 χ^2/NDF : 1416332.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.130+/-0.036 χ^2/NDF : 1614311.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

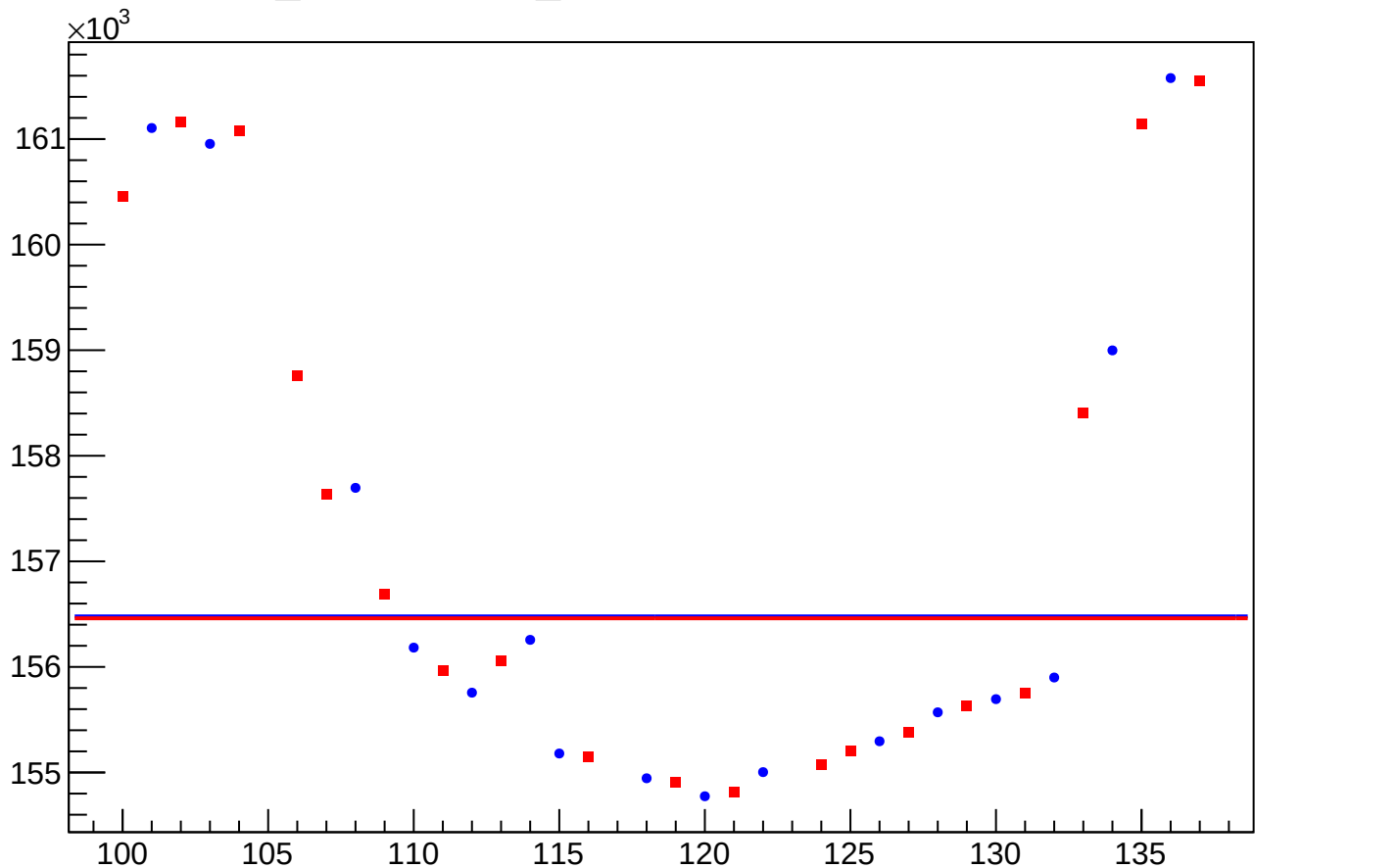
Right: 132.281+/-0.026 χ^2/NDF : 3047045.4/34

In: 135.896+/-0.039 χ^2/NDF : 1416332.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

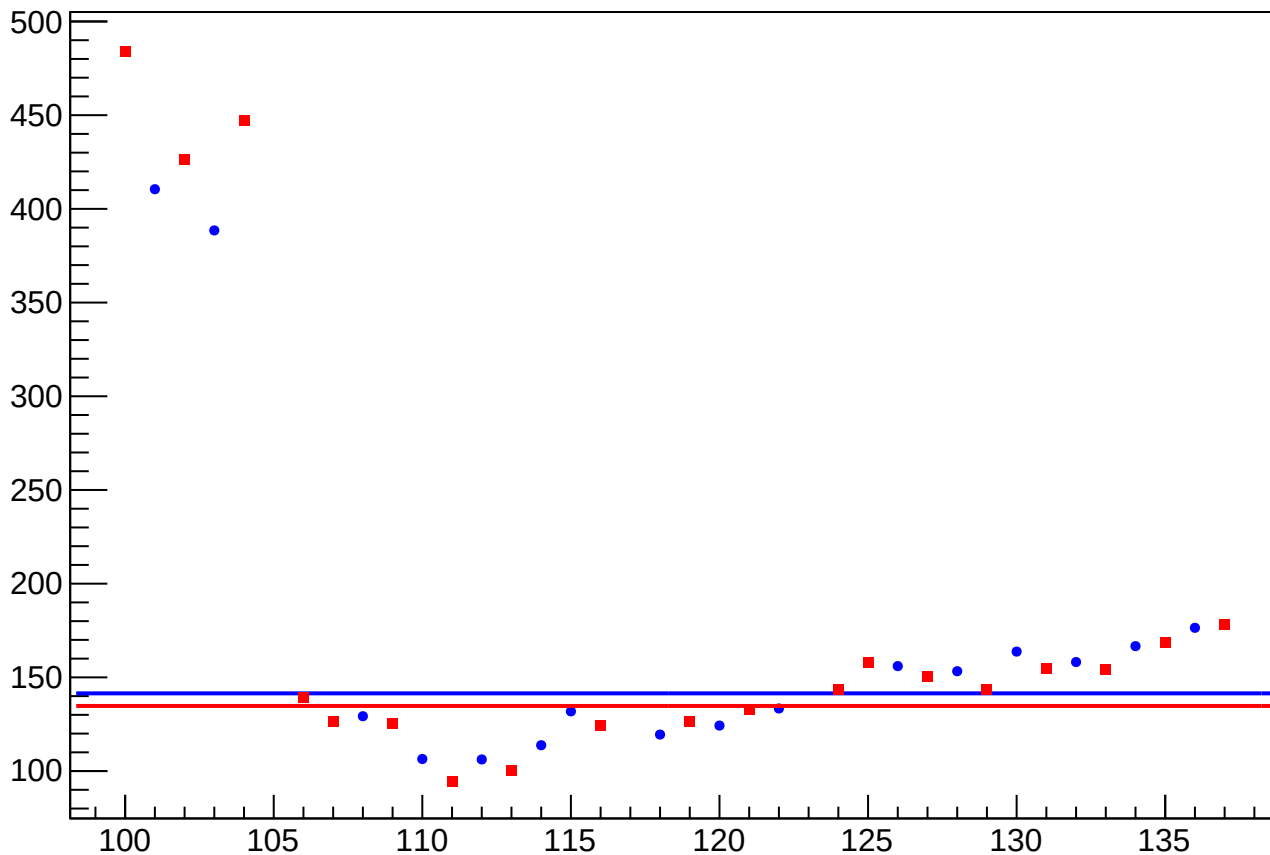
All: 132.281+/-0.026 χ^2/NDF : 3047045.4/34

yield_bpm2i02WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 156478.318+/-0.057 χ^2/NDF : 1289449253.3/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 156468.838+/-0.039 χ^2/NDF : 2390033091.6/15
 In: 156478.318+/-0.057 χ^2/NDF : 1289449253.3/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 156468.838+/-0.039 χ^2/NDF : 2390033091.6/15

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 141.470+/-0.040 χ^2/NDF : 1391933.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.746+/-0.038 χ^2/NDF : 1579031.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

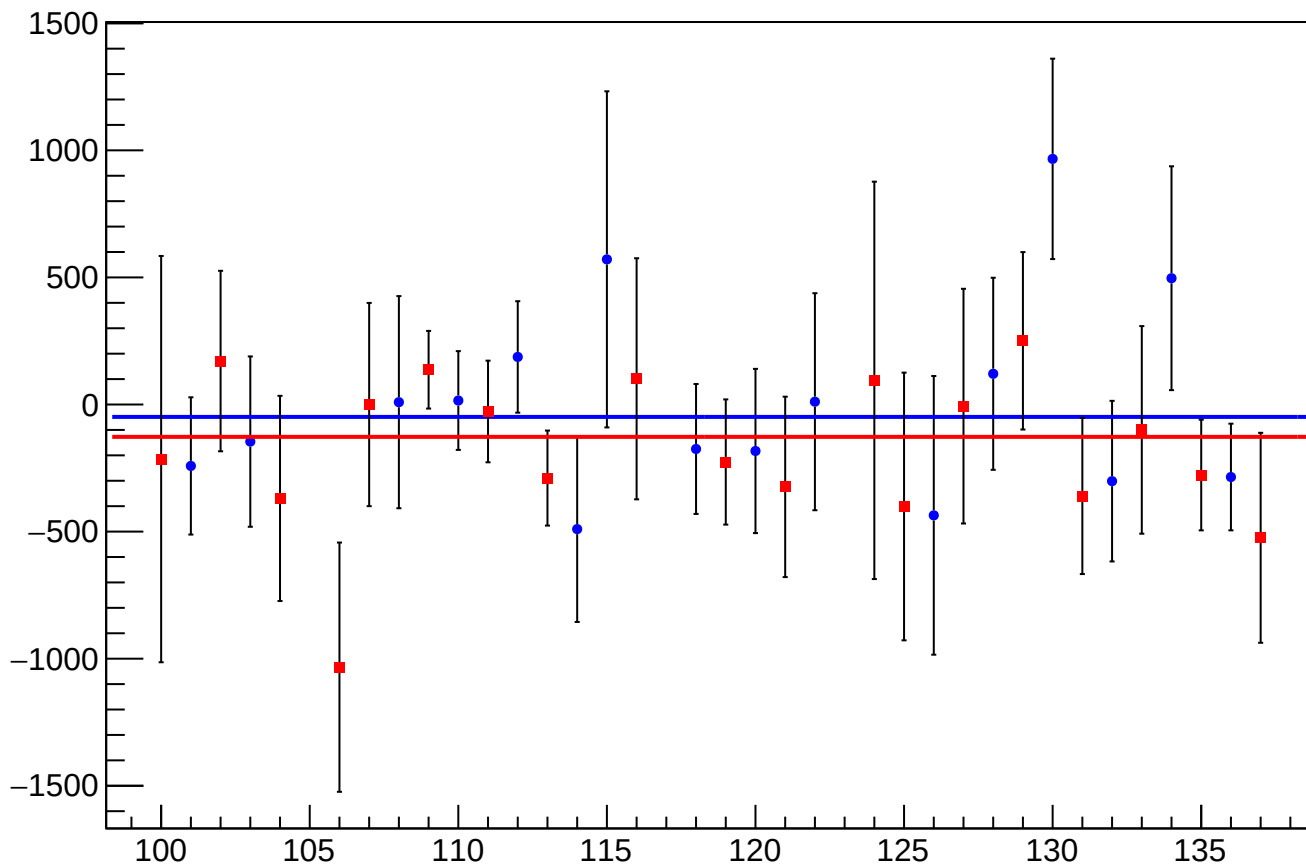
Right: 137.883+/-0.027 χ^2/NDF : 2985912.1/34

In: 141.470+/-0.040 χ^2/NDF : 1391933.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.883+/-0.027 χ^2/NDF : 2985912.1/34

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -48.749 ± 76.592 $\chi^2/\text{NDF}: 15.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -127.249 ± 68.506 $\chi^2/\text{NDF}: 12.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

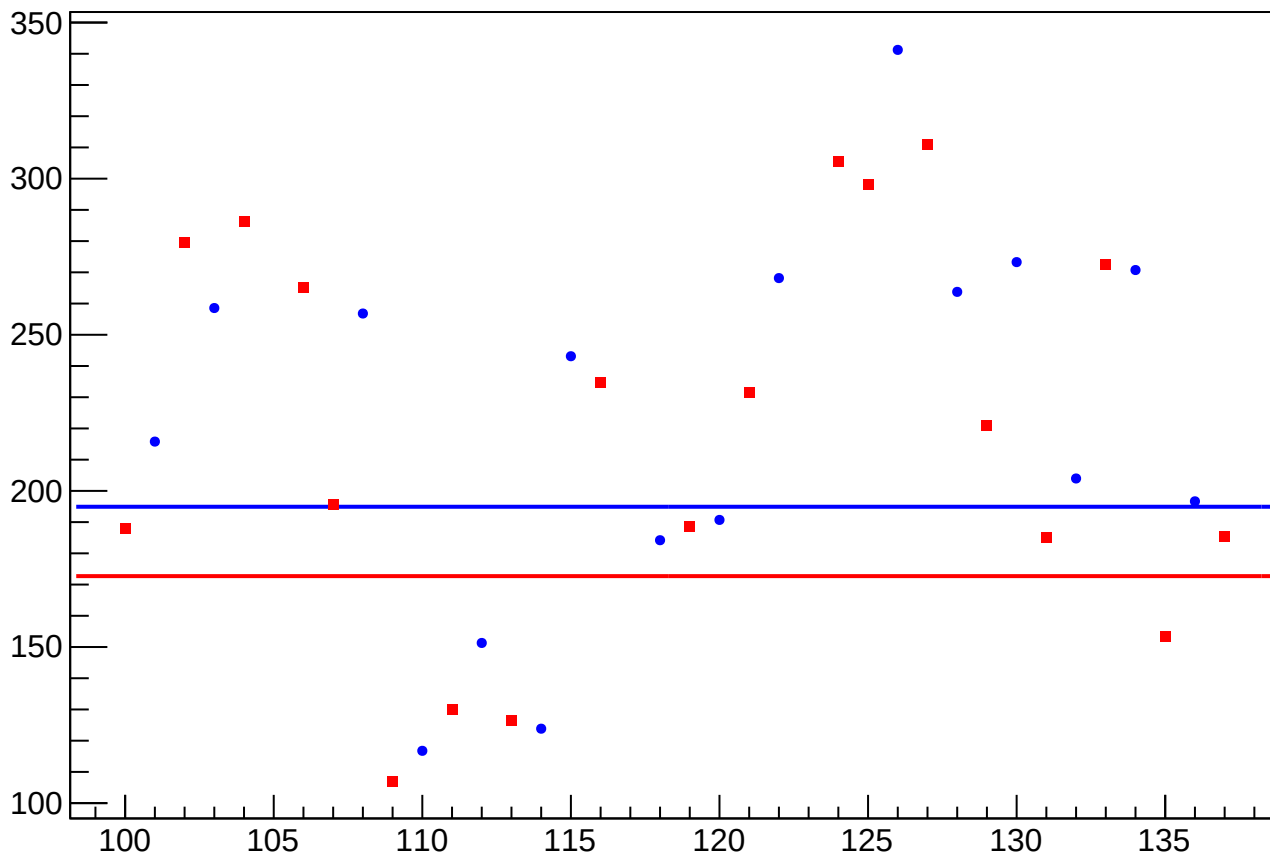
Right: -92.360 ± 51.061 $\chi^2/\text{NDF}: 28.9/34$

In: -48.749 ± 76.592 $\chi^2/\text{NDF}: 15.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -92.360 ± 51.061 $\chi^2/\text{NDF}: 28.9/34$

asym_bcm_target_rms vs Slug, Sign Corrected



Right In: 194.923+/-0.054 χ^2/NDF : 1028901.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.704+/-0.048 χ^2/NDF : 1631350.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

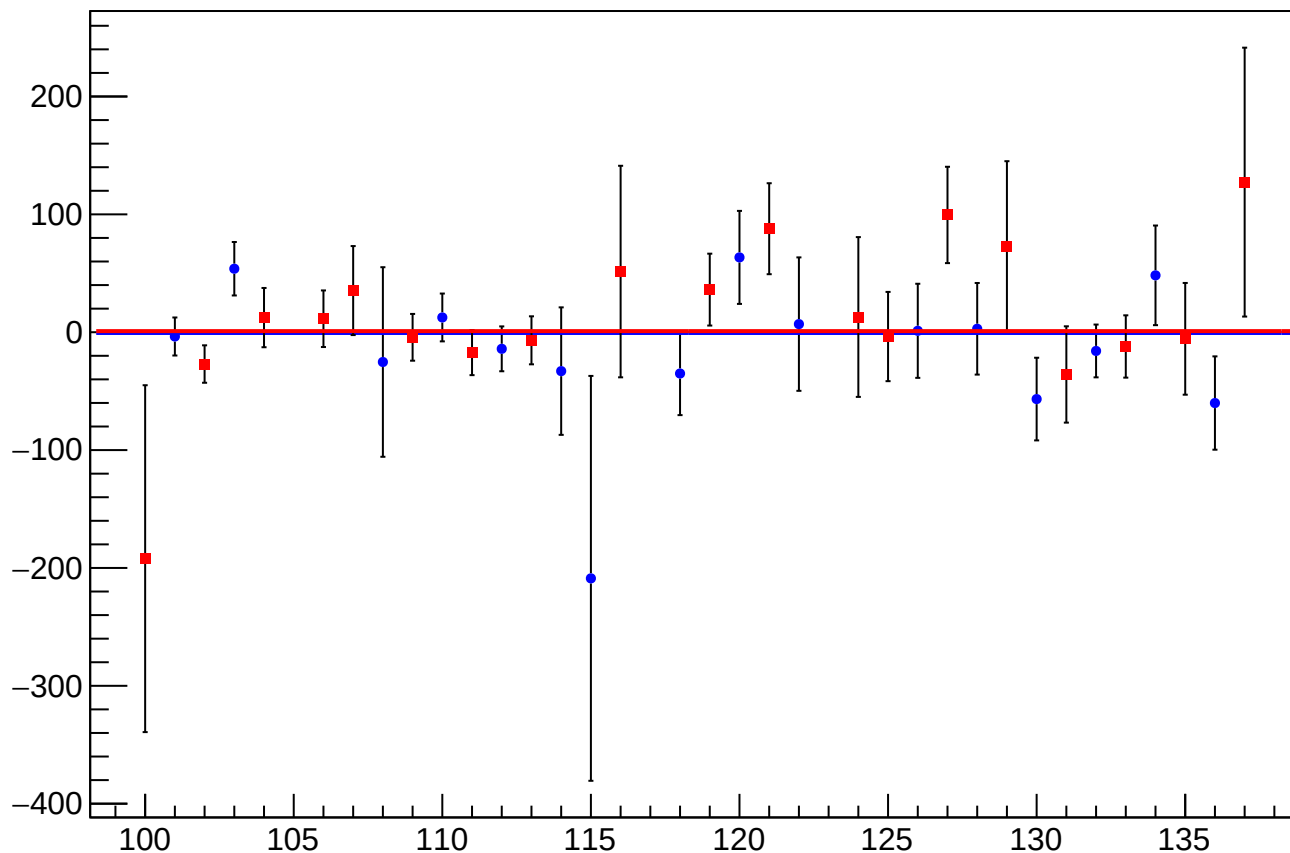
Right: 182.579+/-0.036 χ^2/NDF : 2753755.7/34

In: 194.923+/-0.054 χ^2/NDF : 1028901.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.579+/-0.036 χ^2/NDF : 2753755.7/34

asym_bcm_an_diff_mean vs Slug, Sign Corrected



Right In: -0.624+/-7.340 χ^2/NDF : 18.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.938+/-6.767 χ^2/NDF : 23.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

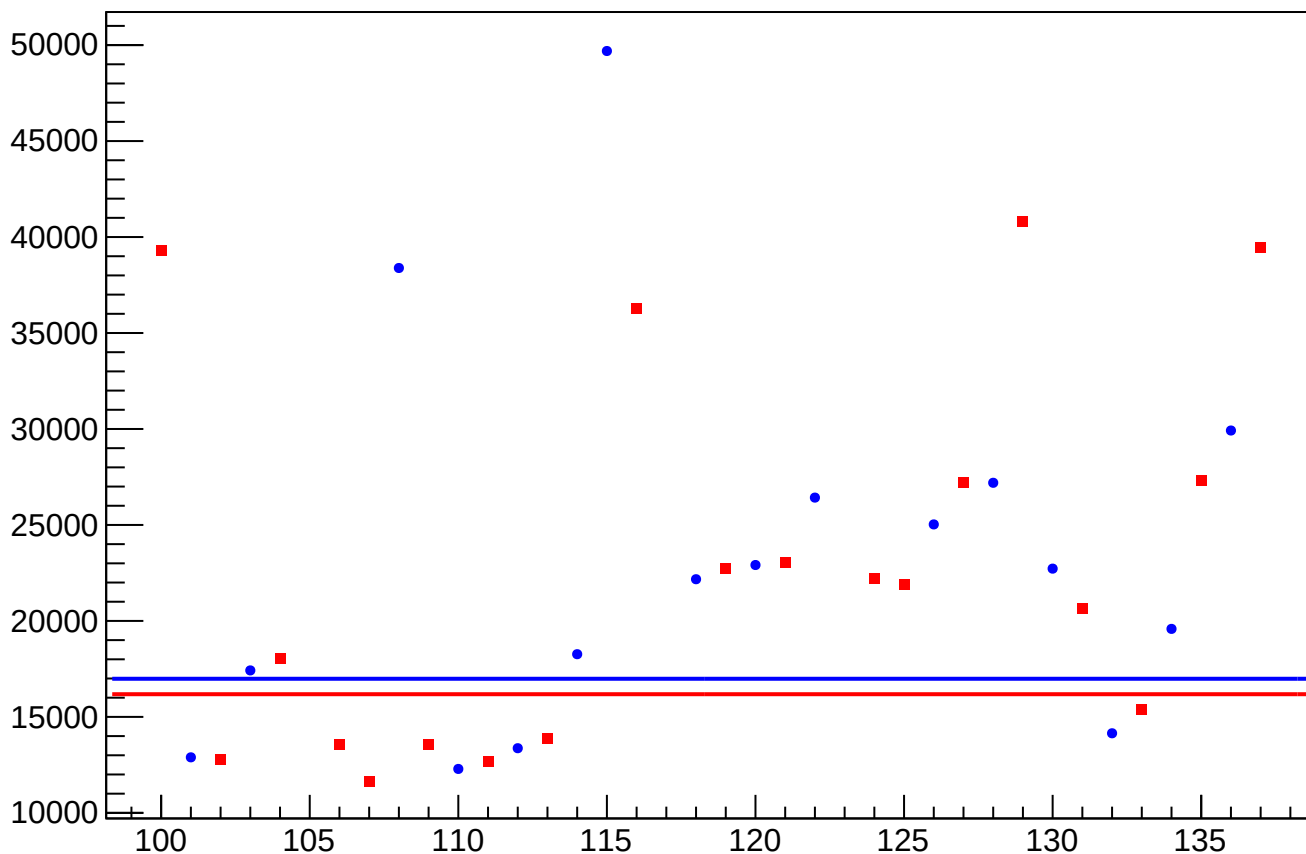
Right: 0.220+/-4.975 χ^2/NDF : 42.0/34

In: -0.624+/-7.340 χ^2/NDF :18.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.220+/-4.975 χ^2/NDF : 42.0/34

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Right In: 16986.402+/-5.190 χ^2/NDF : 1194096.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16181.928+/-4.785 χ^2/NDF : 1251495.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

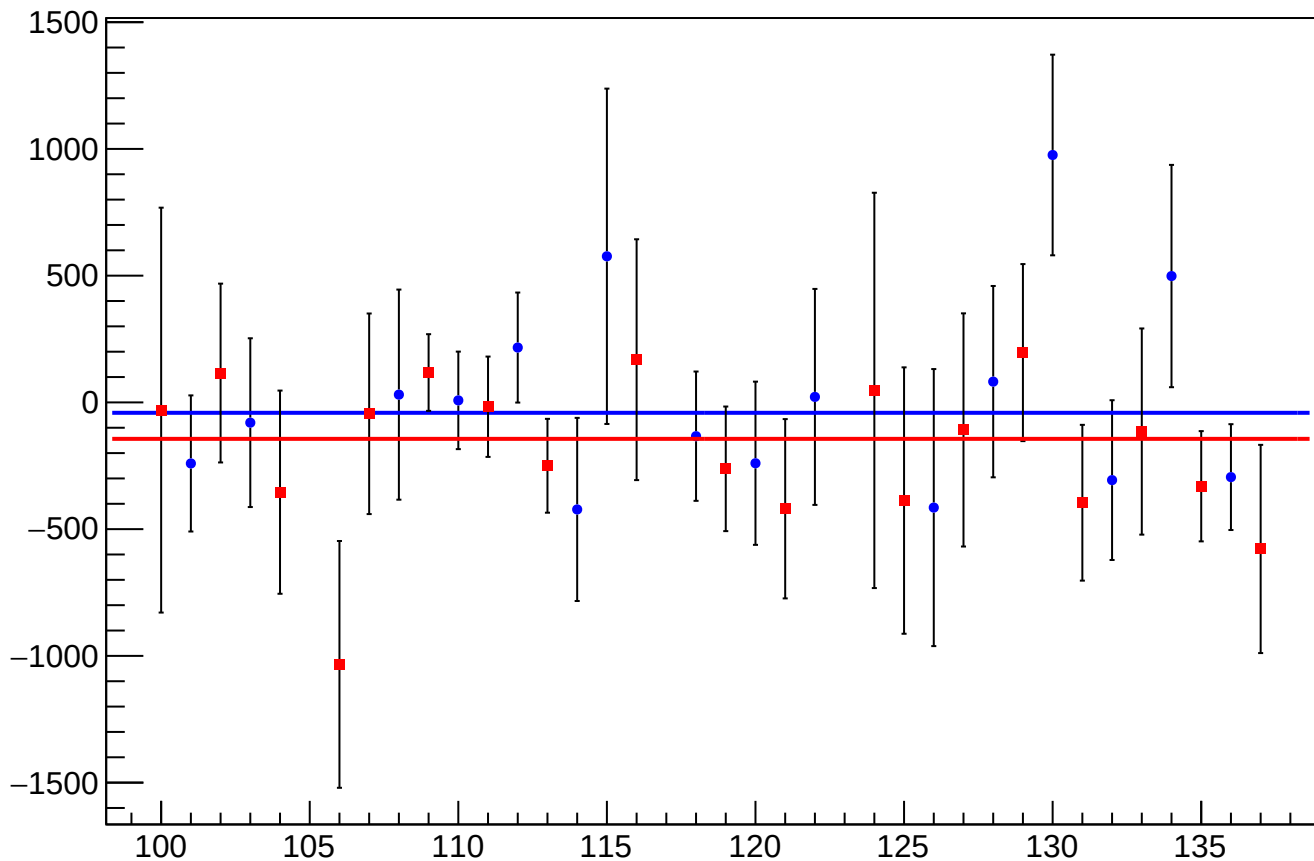
Right: 16551.529+/-3.518 χ^2/NDF : 2458578.1/34

In: 16986.402+/-5.190 χ^2/NDF : 1194096.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16551.529+/-3.518 χ^2/NDF : 2458578.1/34

asym_bcm_an_ds_mean vs Slug, Sign Corrected



Right In: -41.048 ± 76.156 χ^2/NDF : 15.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -143.821 ± 68.080 χ^2/NDF : 13.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

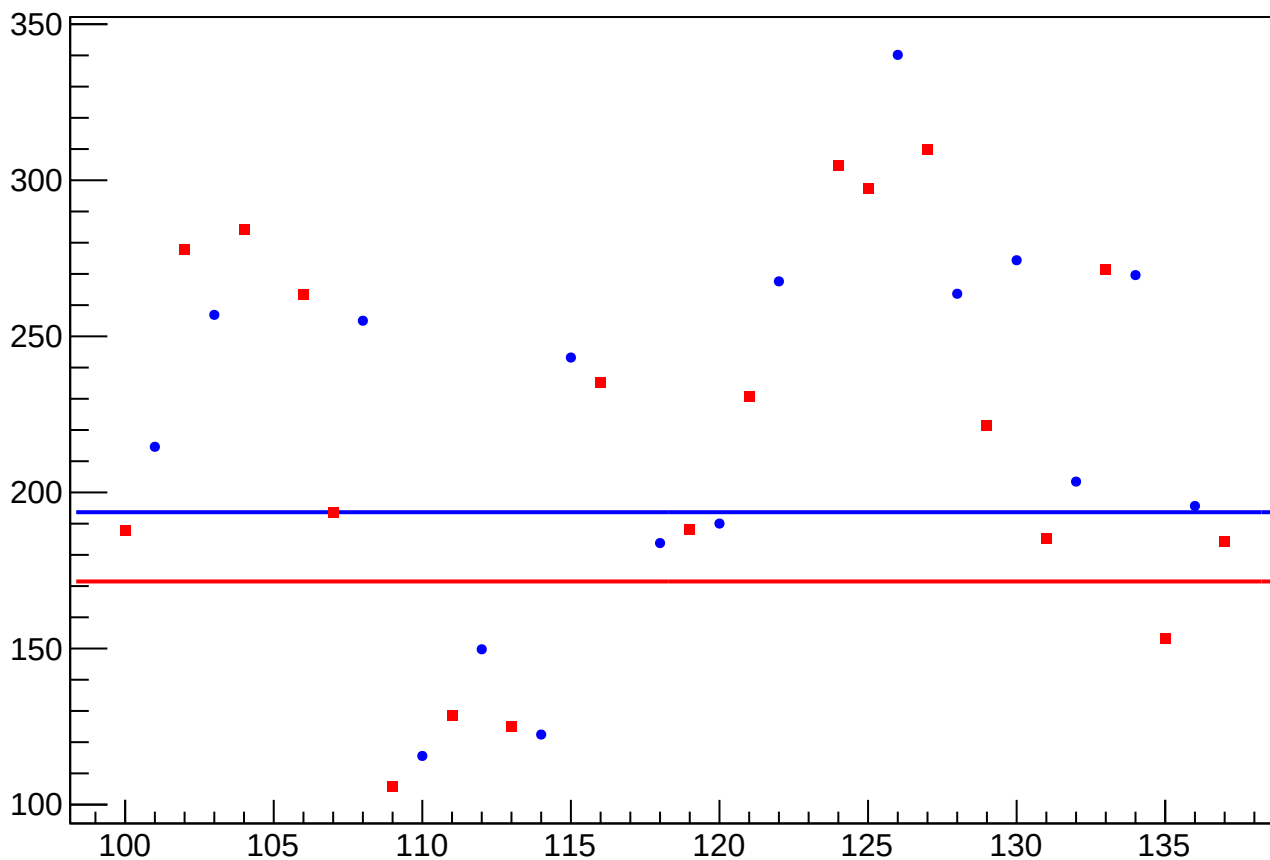
Right: -98.171 ± 50.756 χ^2/NDF : 29.5/34

In: -41.048 ± 76.156 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -98.171 ± 50.756 χ^2/NDF : 29.5/34

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.670 $\pm$ 0.054 χ^2 /NDF: 1049772.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.484 $\pm$ 0.048 χ^2 /NDF: 1652989.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

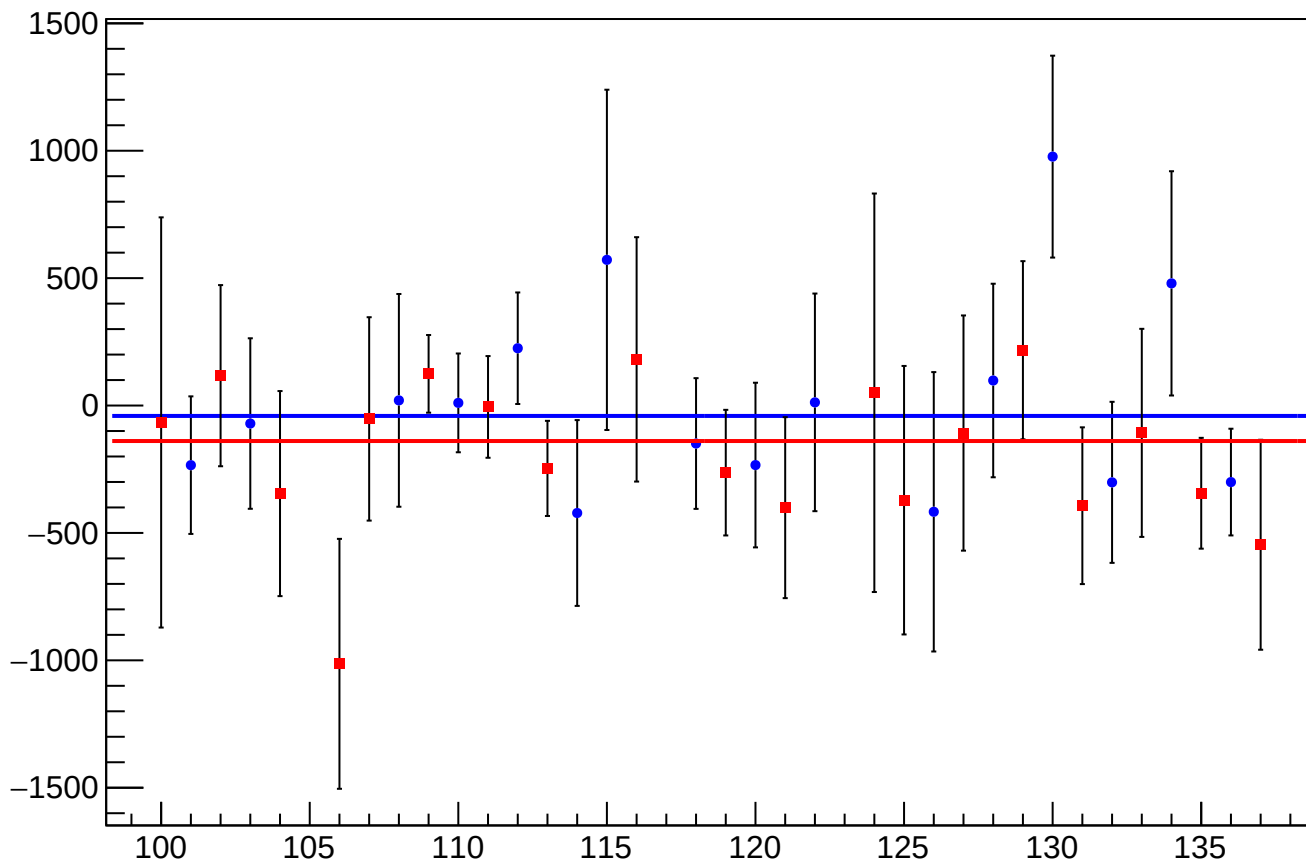
Right: 181.339 $\pm$ 0.036 χ^2 /NDF: 2797109.1/34

In: 193.670 $\pm$ 0.054 χ^2 /NDF:1049772.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.339 $\pm$ 0.036 χ^2 /NDF: 2797109.1/34

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -40.798 ± 76.579 χ^2/NDF : 15.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -139.292 ± 68.459 χ^2/NDF : 12.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

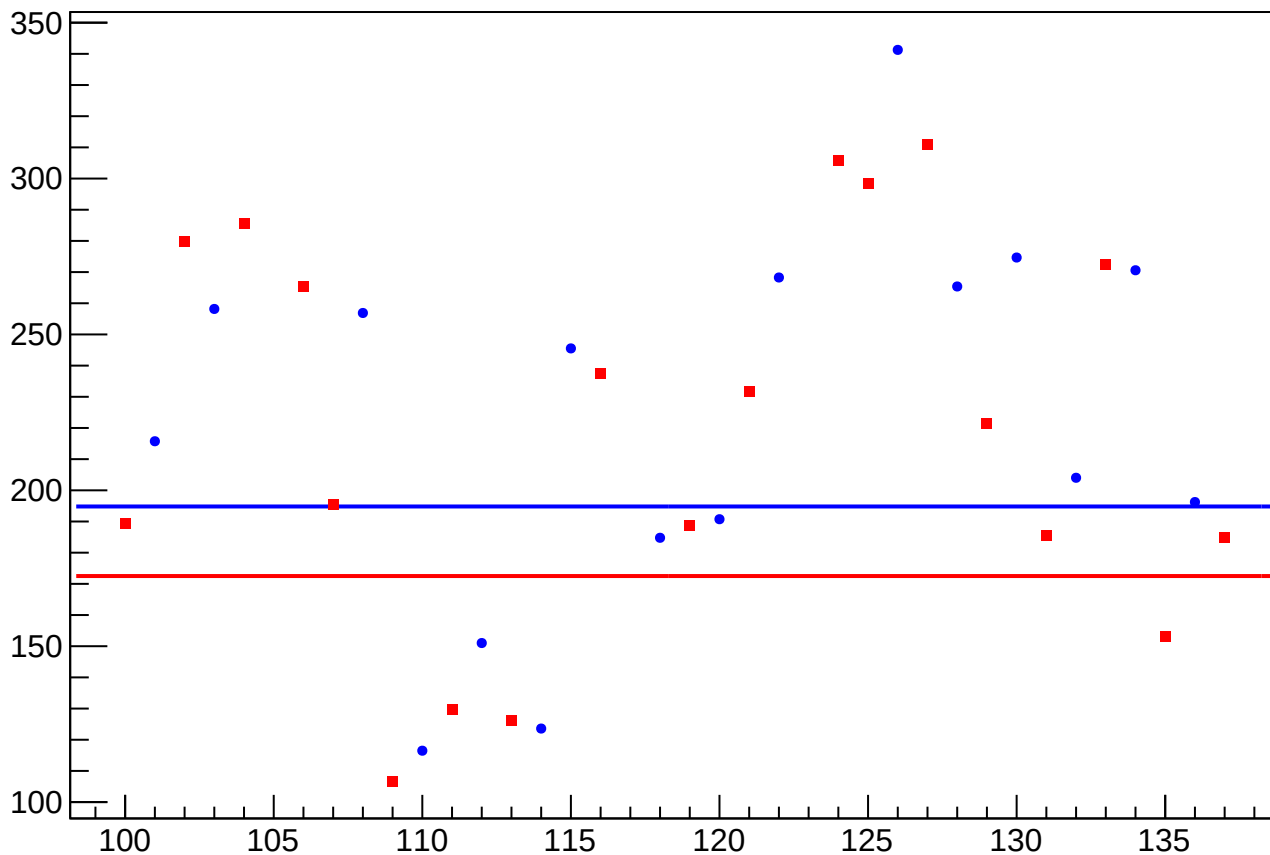
Right: -95.542 ± 51.038 χ^2/NDF : 29.2/34

In: -40.798 ± 76.579 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -95.542 ± 51.038 χ^2/NDF : 29.2/34

asym_bcm_an_ds3_rms vs Slug, Sign Corrected



Right In: 194.819+/-0.054 χ^2/NDF : 1039096.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.507+/-0.048 χ^2/NDF : 1642059.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

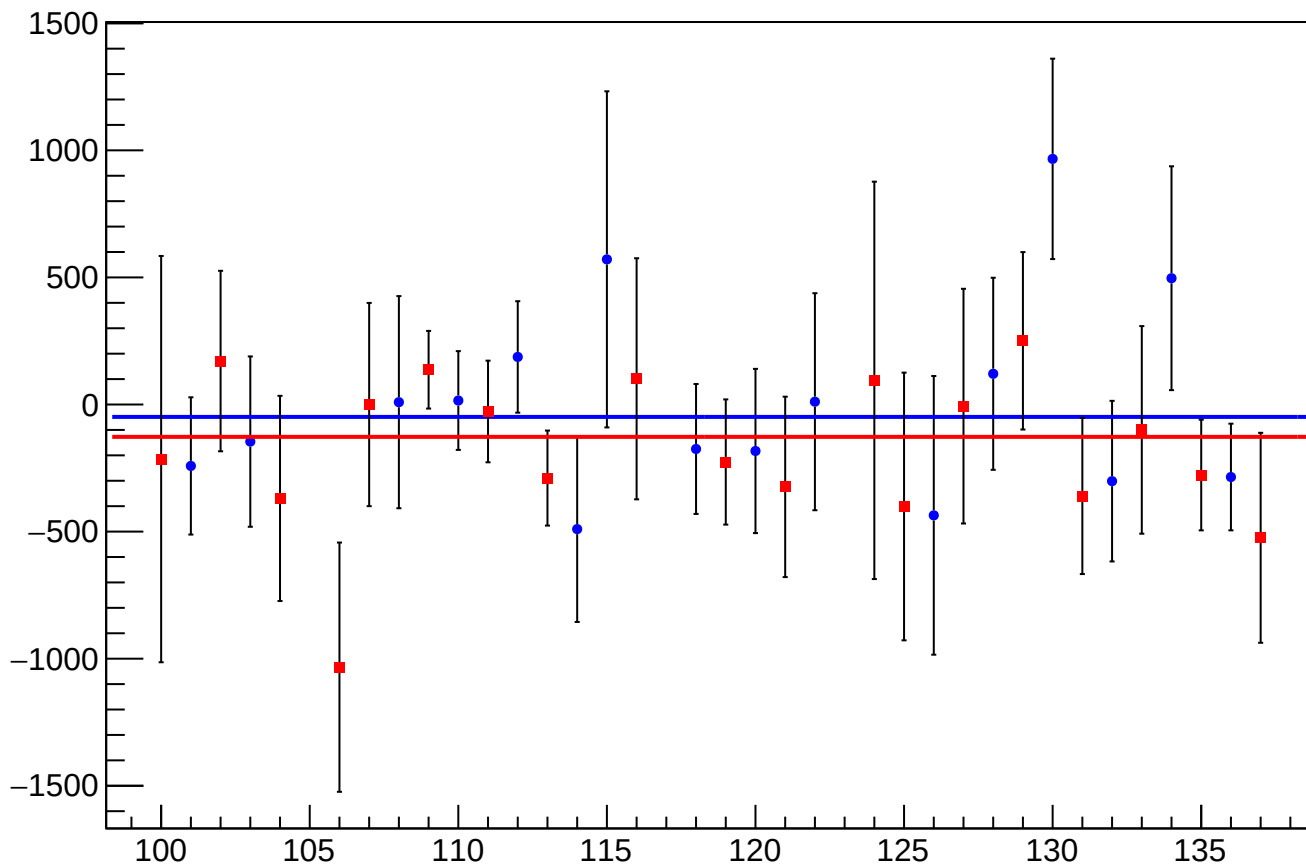
Right: 182.418+/-0.036 χ^2/NDF : 2775527.6/34

In: 194.819+/-0.054 χ^2/NDF : 1039096.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.418+/-0.036 χ^2/NDF : 2775527.6/34

asym_bcm_an_us_mean vs Slug, Sign Corrected



Right In: -48.749 ± 76.592 $\chi^2/\text{NDF}: 15.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -127.249 ± 68.506 $\chi^2/\text{NDF}: 12.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

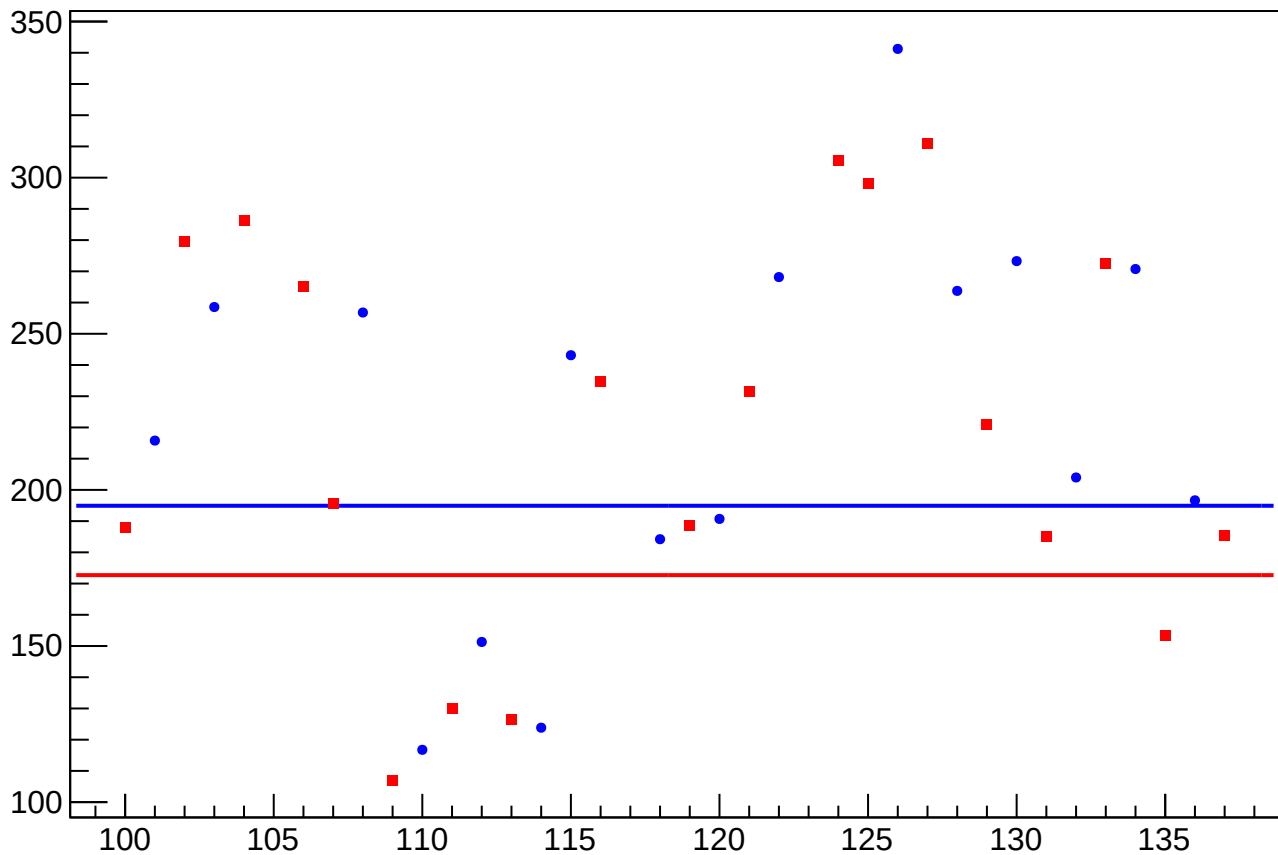
Right: -92.360 ± 51.061 $\chi^2/\text{NDF}: 28.9/34$

In: -48.749 ± 76.592 $\chi^2/\text{NDF}: 15.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -92.360 ± 51.061 $\chi^2/\text{NDF}: 28.9/34$

asym_bcm_an_us_rms vs Slug, Sign Corrected



Right In: 194.923+/-0.054 χ^2/NDF : 1028901.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.704+/-0.048 χ^2/NDF : 1631350.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

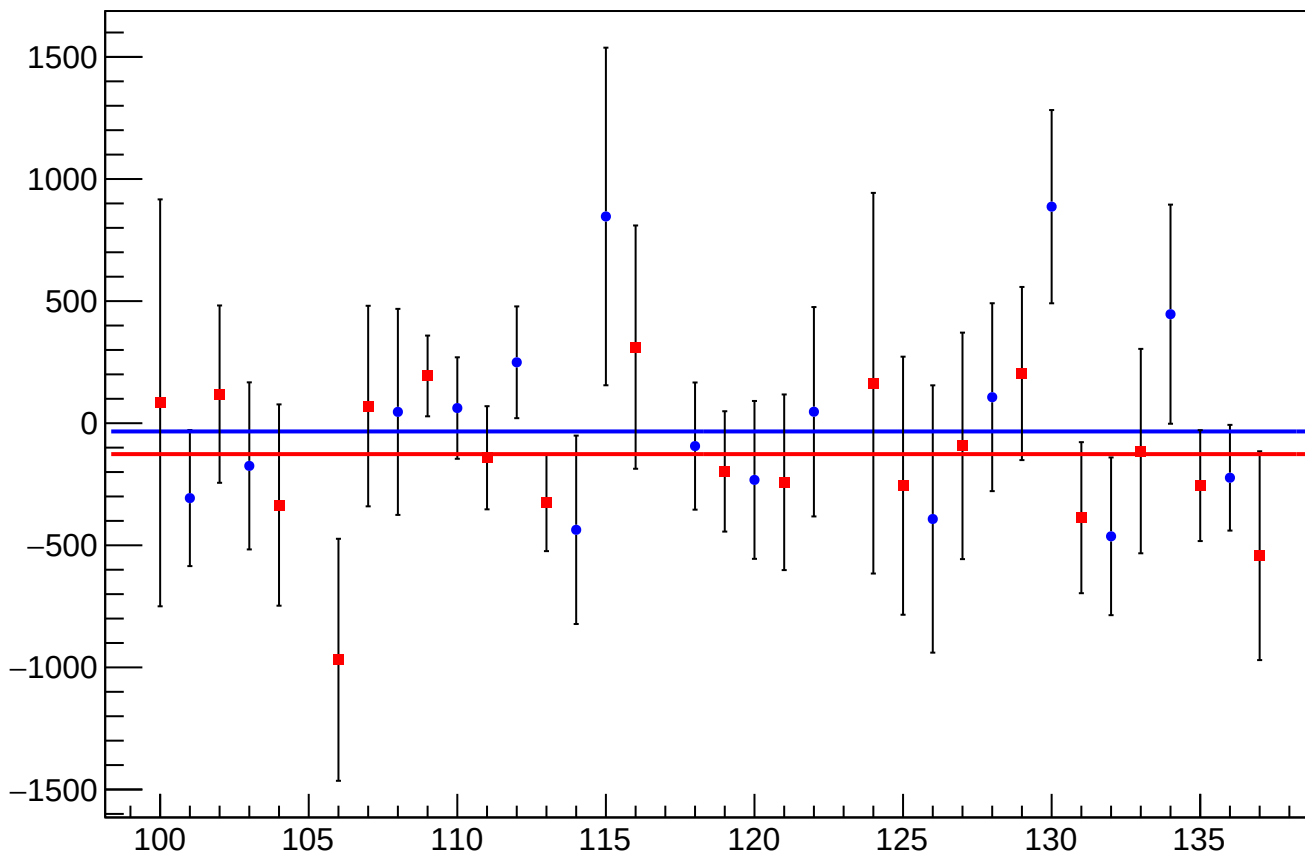
Right: 182.579+/-0.036 χ^2/NDF : 2753755.7/34

In: 194.923+/-0.054 χ^2/NDF : 1028901.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.579+/-0.036 χ^2/NDF : 2753755.7/34

asym_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: -33.731 ± 78.996 χ^2/NDF : 15.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.563 ± 71.309 χ^2/NDF : 12.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

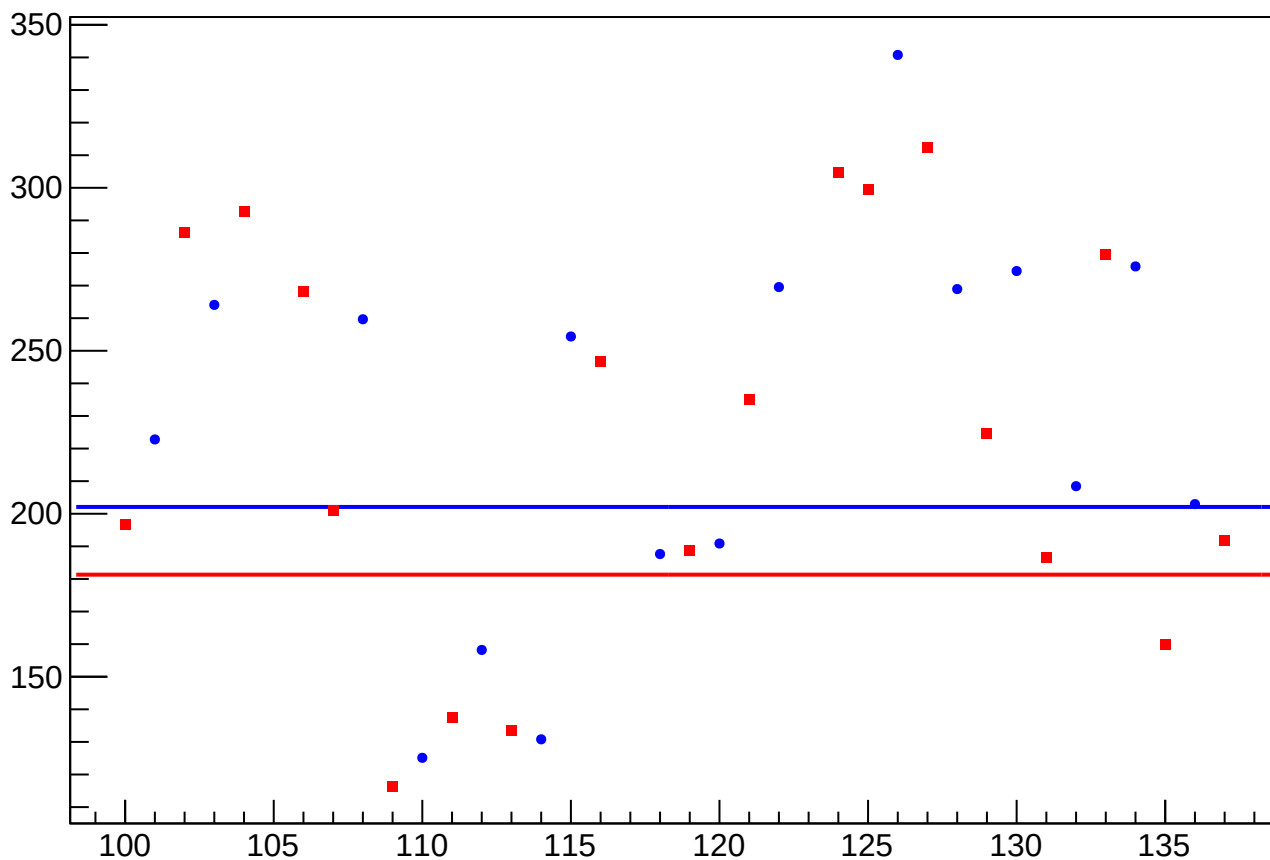
Right: -84.882 ± 52.933 χ^2/NDF : 29.2/34

In: -33.731 ± 78.996 χ^2/NDF : 15.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.882 ± 52.933 χ^2/NDF : 29.2/34

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 202.090+/-0.056 χ^2/NDF : 910259.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.312+/-0.050 χ^2/NDF : 1440989.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

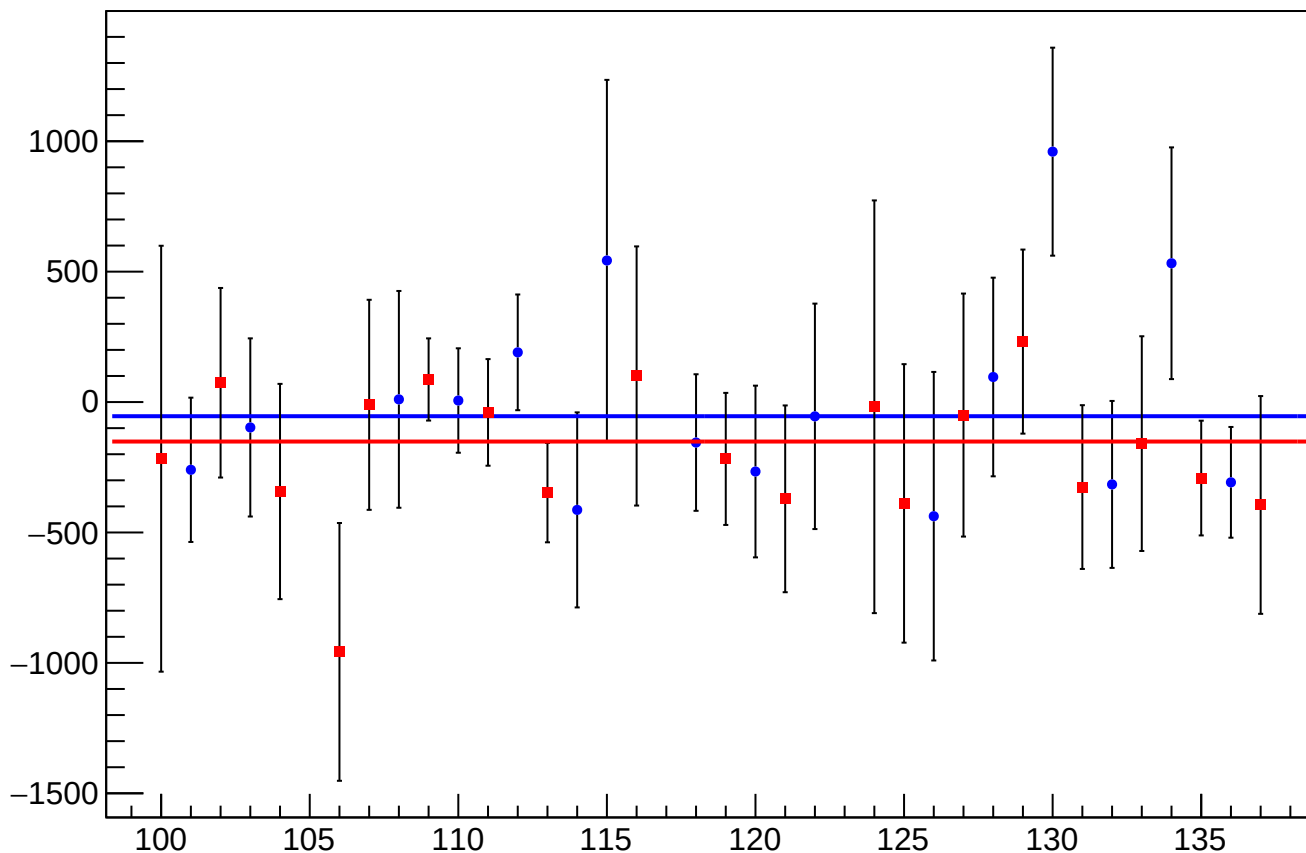
Right: 190.641+/-0.037 χ^2/NDF : 2427488.6/34

In: 202.090+/-0.056 χ^2/NDF : 910259.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.641+/-0.037 χ^2/NDF : 2427488.6/34

asym_bcm_dg_ds_mean vs Slug, Sign Corrected



Right In: -54.254 ± 77.946 χ^2/NDF : 15.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -151.358 ± 69.902 χ^2/NDF : 10.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

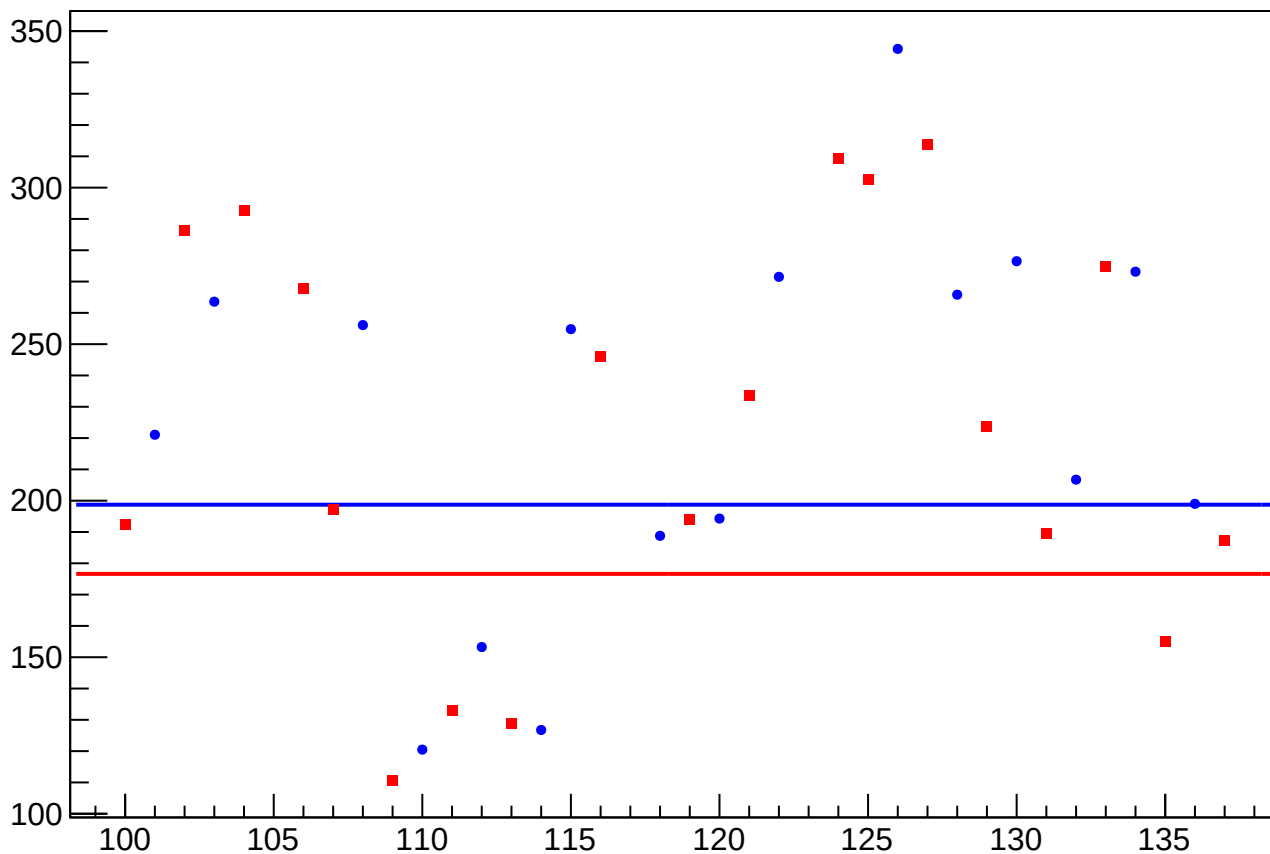
Right: -108.074 ± 52.040 χ^2/NDF : 26.2/34

In: -54.254 ± 77.946 χ^2/NDF : 15.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -108.074 ± 52.040 χ^2/NDF : 26.2/34

asym_bcm_dg_ds_rms vs Slug, Sign Corrected



Right In: 198.718+/-0.055 χ^2/NDF : 994068.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.621+/-0.049 χ^2/NDF : 1595710.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

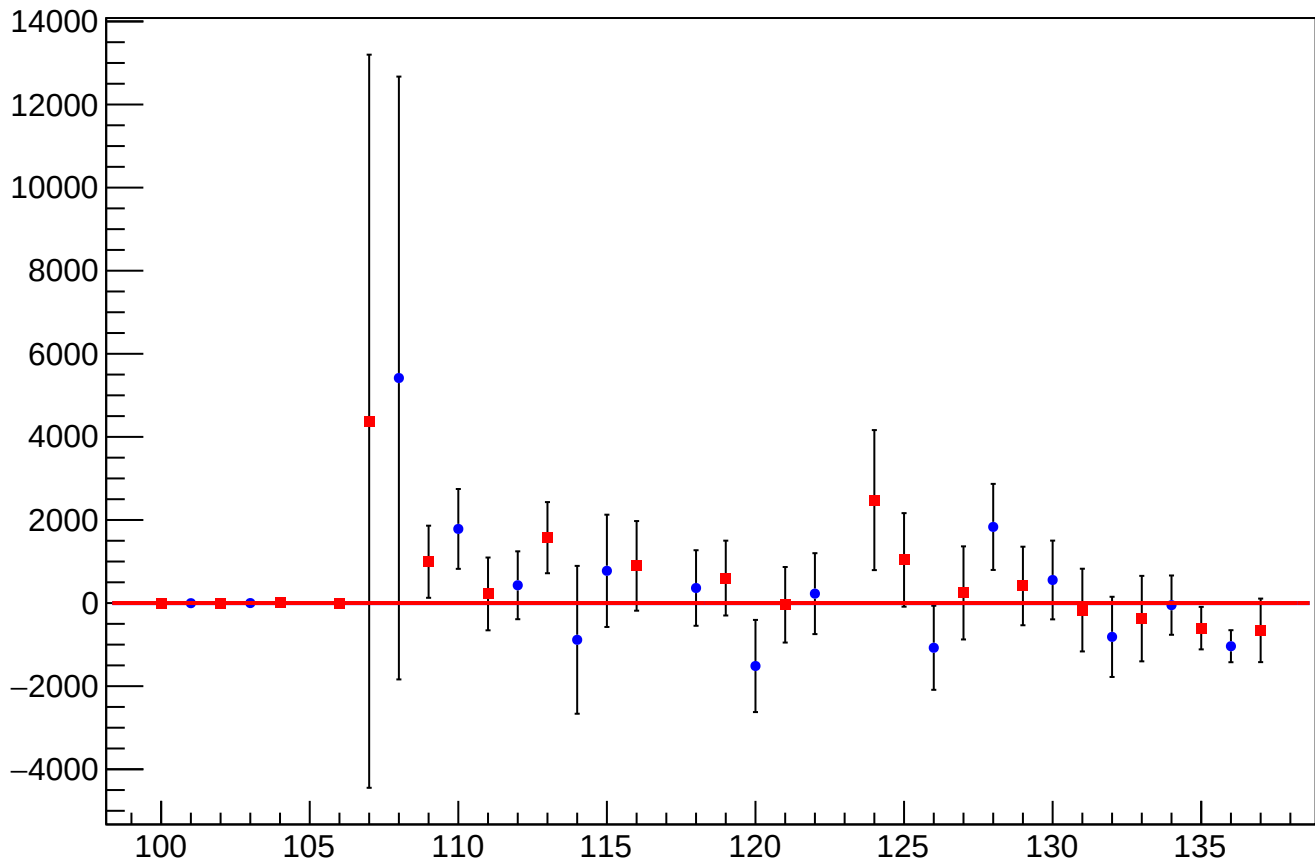
Right: 186.471+/-0.037 χ^2/NDF : 2678866.0/34

In: 198.718+/-0.055 χ^2/NDF : 994068.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.471+/-0.037 χ^2/NDF : 2678866.0/34

asym_cav4bQ_mean vs Slug, Sign Corrected



Right In: -1.239+/-2.171 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.377+/-2.022 χ^2/NDF : 16.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

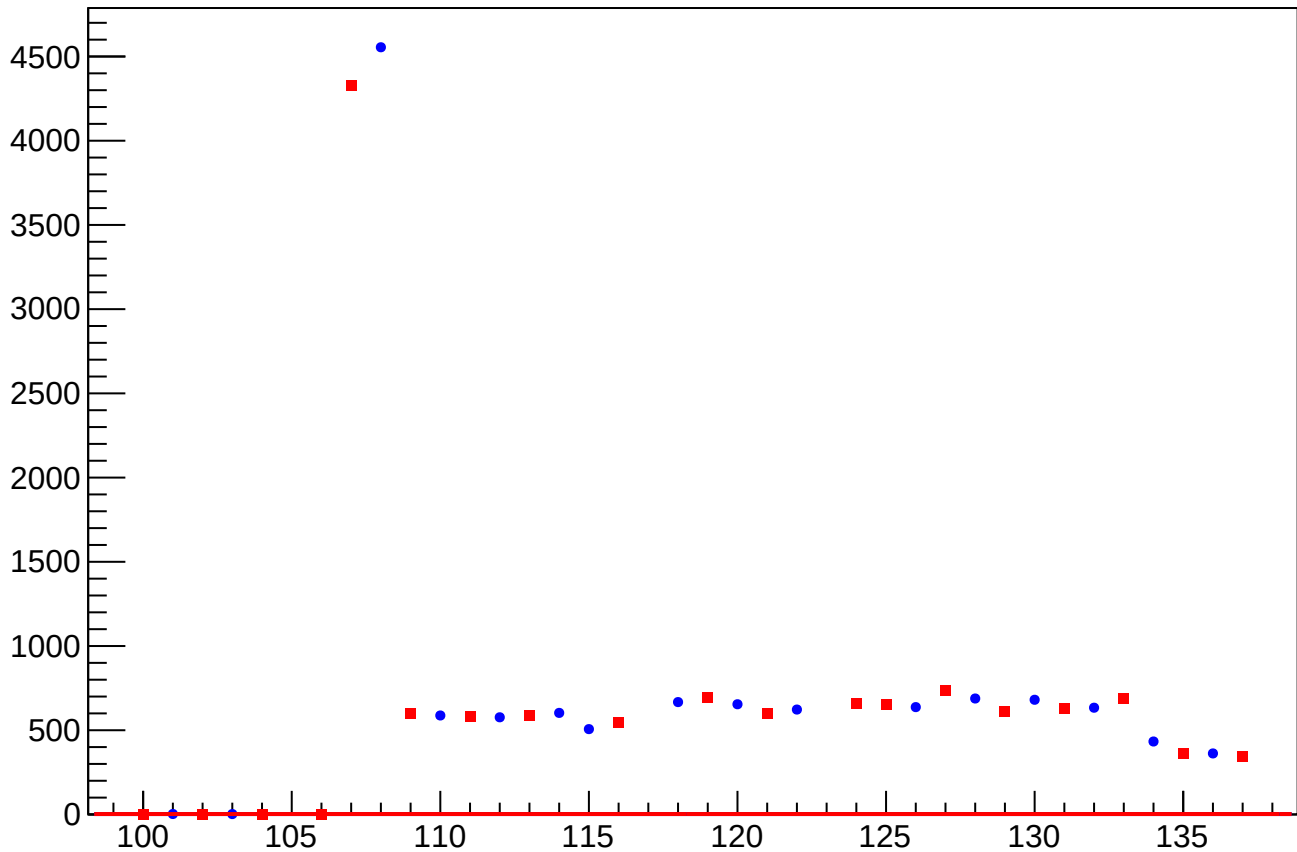
Right: 0.162+/-1.480 χ^2/NDF : 37.5/34

In: -1.239+/-2.171 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.162+/-1.480 χ^2/NDF : 37.5/34

asym_cav4bQ_rms vs Slug, Sign Corrected



Right In: 2.477+/-0.002 χ^2/NDF : 11626192.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.462+/-0.001 χ^2/NDF : 11545445.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

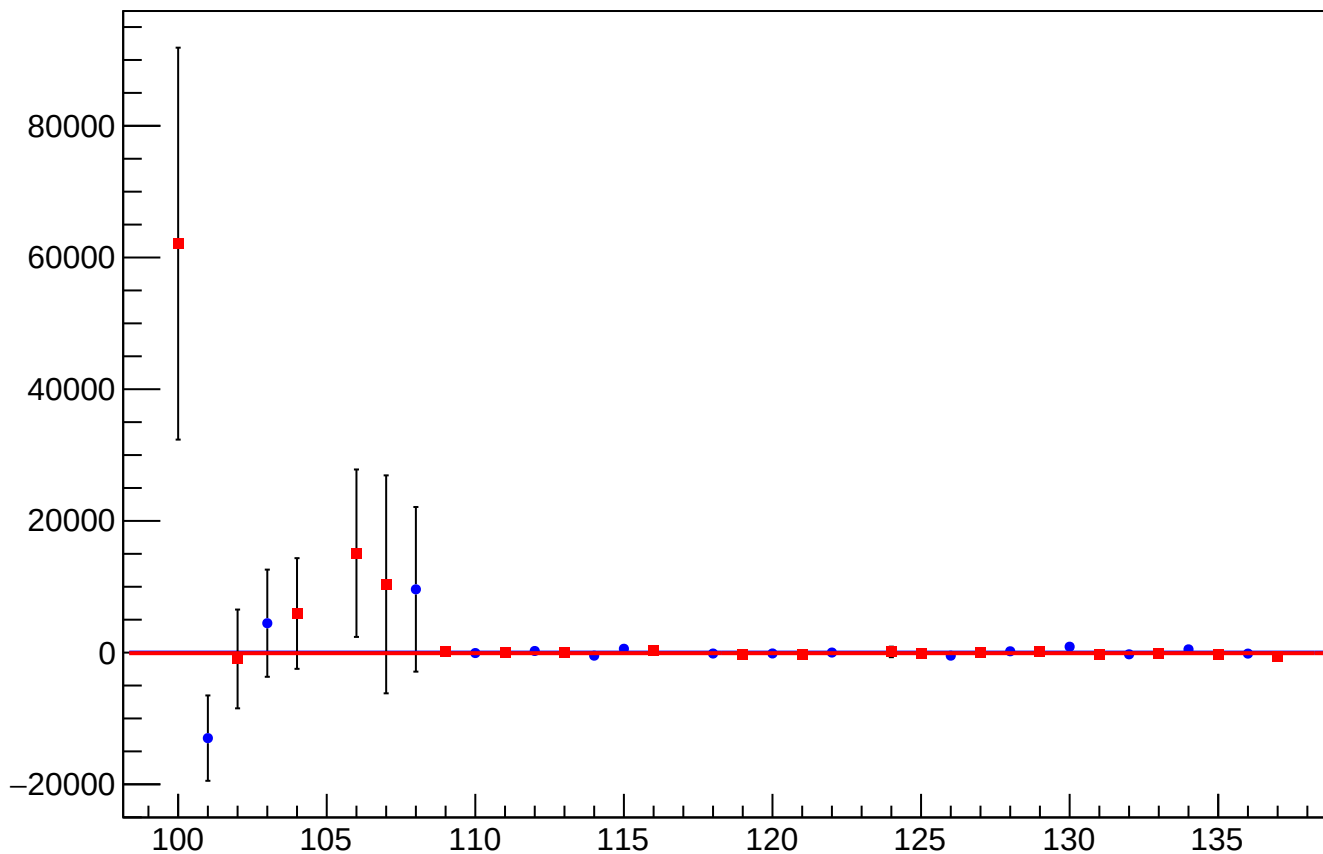
Right: 2.469+/-0.001 χ^2/NDF : 23171686.0/34

In: 2.477+/-0.002 χ^2/NDF : 11626192.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.469+/-0.001 χ^2/NDF : 23171686.0/34

asym_cav4cQ_mean vs Slug, Sign Corrected



Right In: 0.575+/-87.823 χ^2/NDF : 16.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.089+/-81.605 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

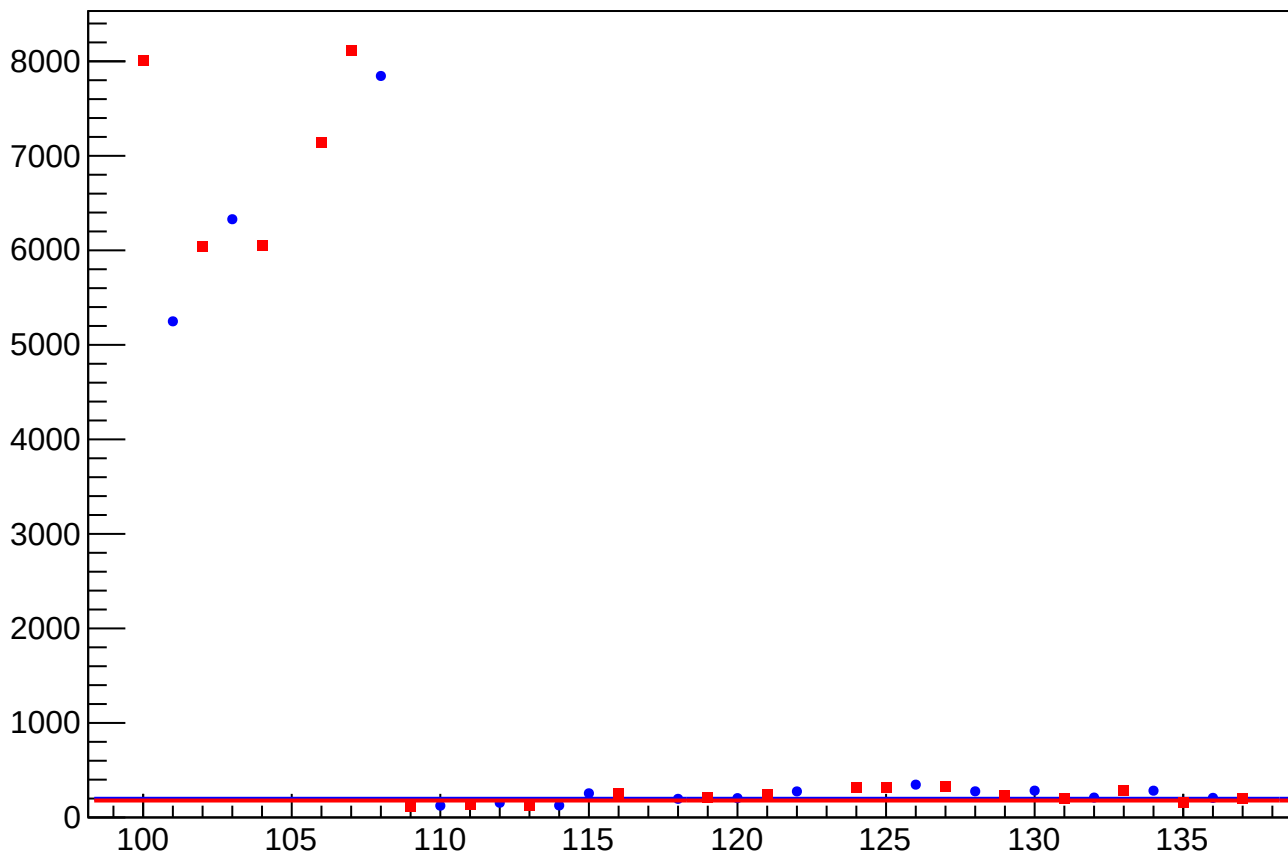
Right: -47.007+/-59.781 χ^2/NDF : 32.3/34

In: 0.575+/-87.823 χ^2/NDF : 16.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.007+/-59.781 χ^2/NDF : 32.3/34

asym_cav4cQ_rms vs Slug, Sign Corrected



Right In: 197.620+/-0.062 χ^2/NDF : 3957192.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 179.250+/-0.058 χ^2/NDF : 4418422.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

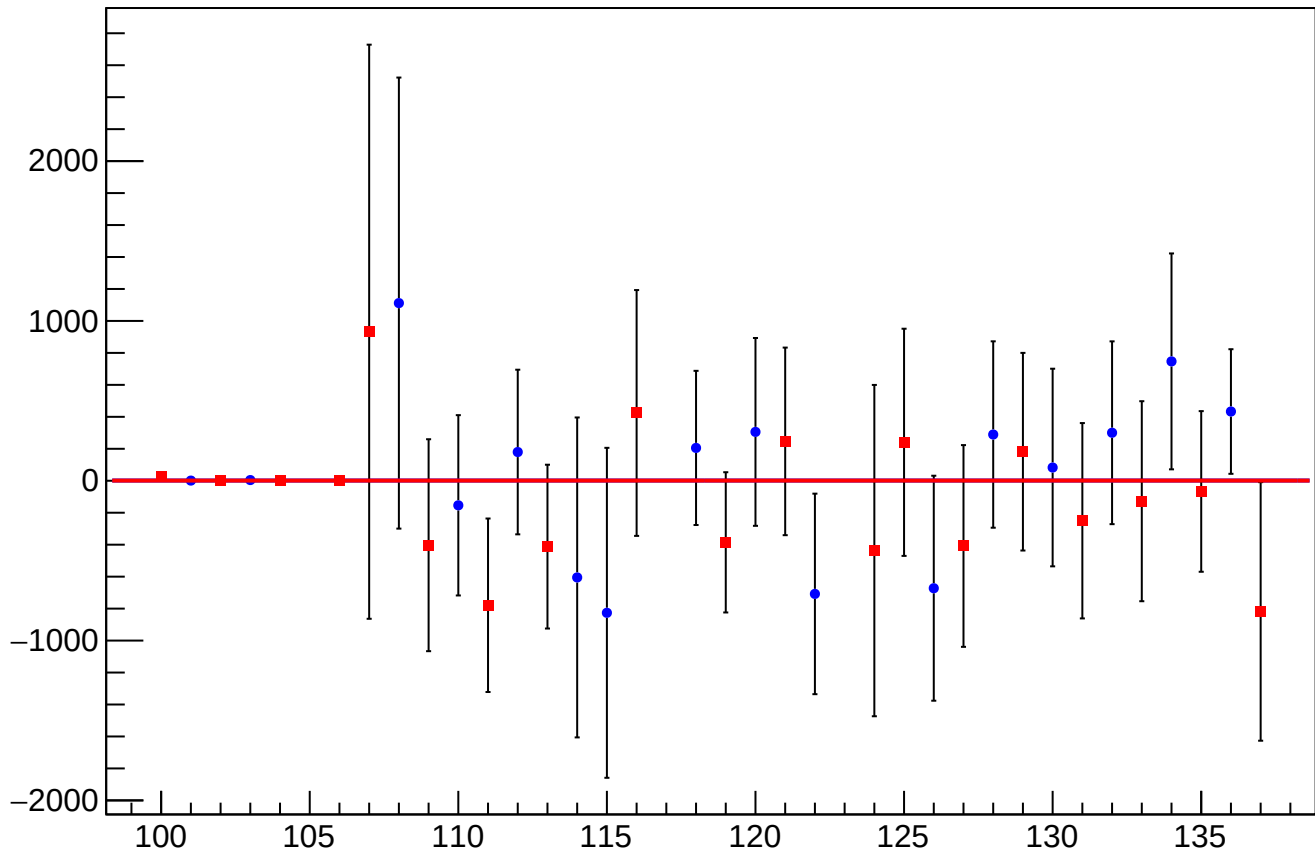
Right: 187.761+/-0.042 χ^2/NDF : 8422574.8/34

In: 197.620+/-0.062 χ^2/NDF : 3957192.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.761+/-0.042 χ^2/NDF : 8422574.8/34

asym_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1.456 $\pm$ 1.660 χ^2 /NDF: 7.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.094 $\pm$ 1.528 χ^2 /NDF: 9.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

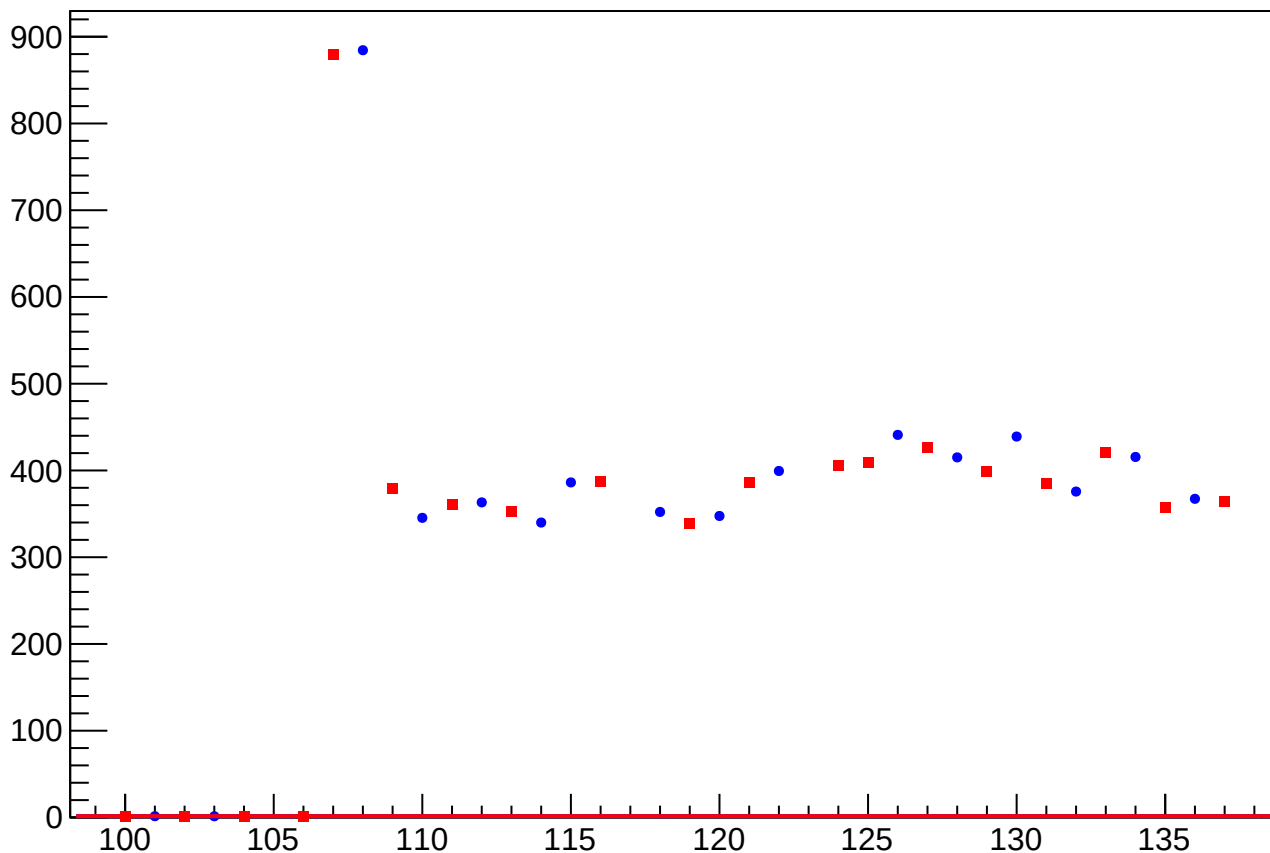
Right: 1.260 $\pm$ 1.124 χ^2 /NDF: 17.1/34

In: 1.456 $\pm$ 1.660 χ^2 /NDF:7.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.260 $\pm$ 1.124 χ^2 /NDF: 17.1/34

asym_cav4dQ_rms vs Slug, Sign Corrected



Right In: 1.470+/-0.001 χ^2/NDF : 11735334.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.467+/-0.001 χ^2/NDF : 11270430.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

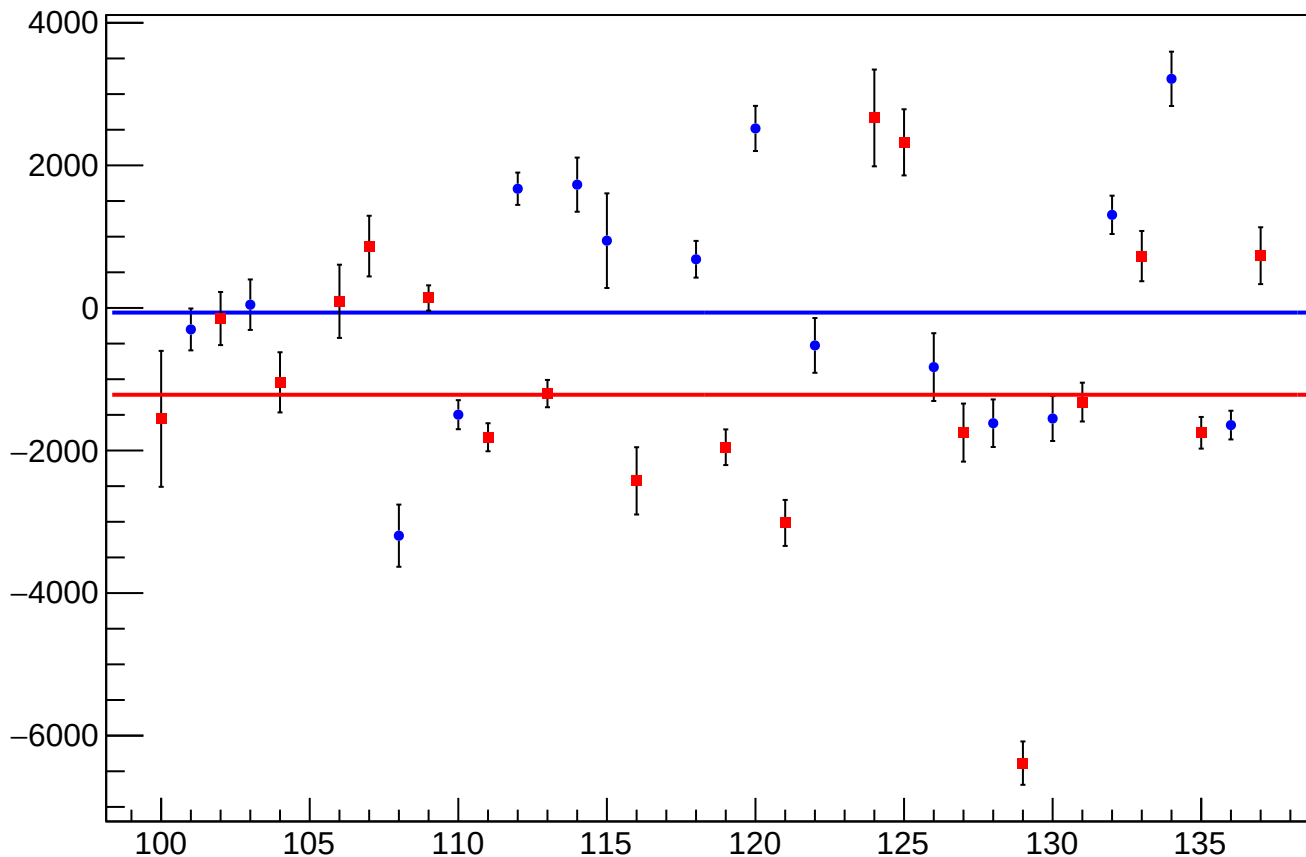
Right: 1.469+/-0.001 χ^2/NDF : 23005768.2/34

In: 1.470+/-0.001 χ^2/NDF : 11735334.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.469+/-0.001 χ^2/NDF : 23005768.2/34

asym_bcm0l02_mean vs Slug, Sign Corrected



Right In: -64.993+/-74.895 χ^2/NDF : 469.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1217.846+/-69.022 χ^2/NDF : 594.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

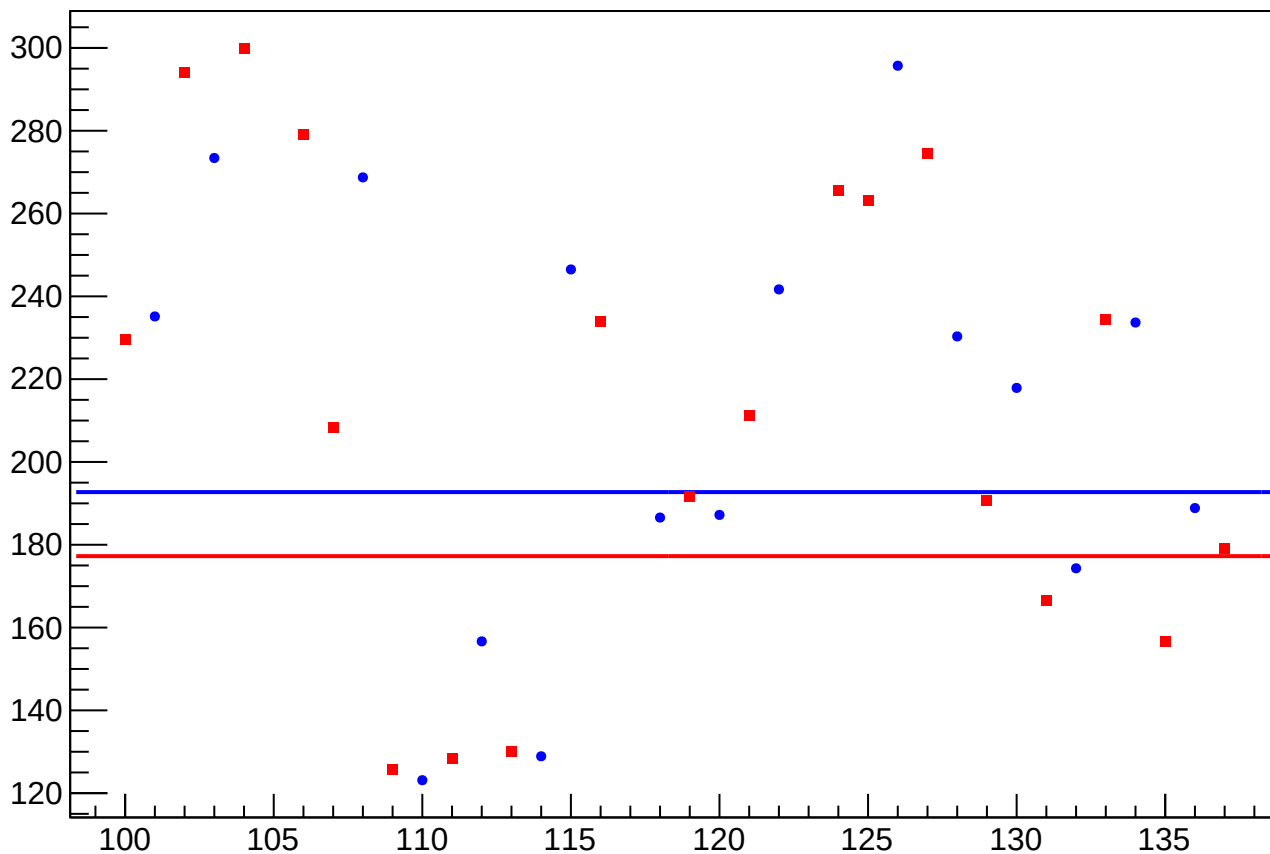
Right: -688.385+/-50.755 χ^2/NDF : 1192.2/34

In: -64.993+/-74.895 χ^2/NDF : 469.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -688.385+/-50.755 χ^2/NDF : 1192.2/34

asym_bcm0l02_rms vs Slug, Sign Corrected



Right In: 192.719 ± 0.053 χ^2/NDF : 759146.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 177.251 ± 0.049 χ^2/NDF : 1226180.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

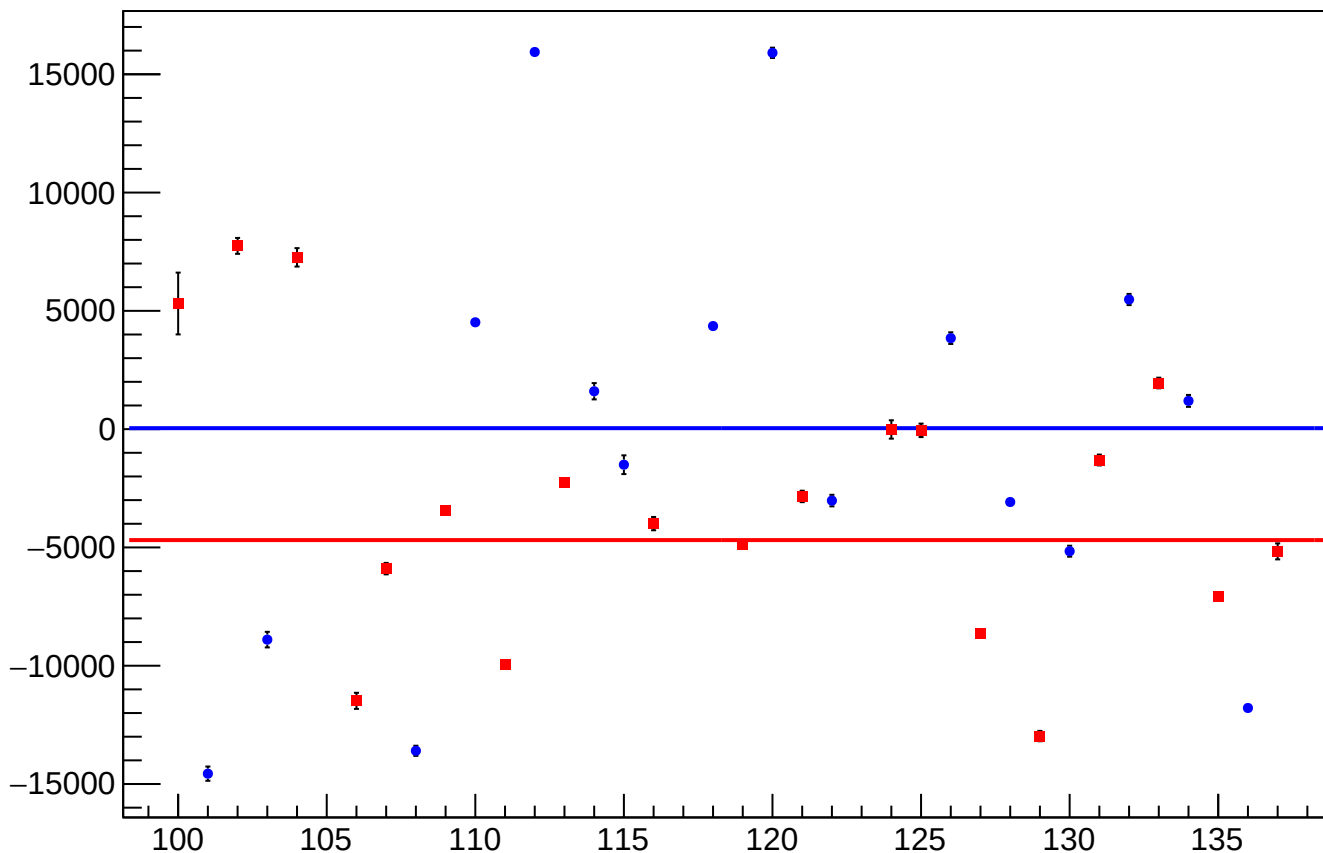
Right: 184.355 ± 0.036 χ^2/NDF : 2031455.3/34

In: 192.719 ± 0.053 χ^2/NDF : 759146.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 184.355 ± 0.036 χ^2/NDF : 2031455.3/34

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4689.710+/-52.095 χ^2/NDF : 7795.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

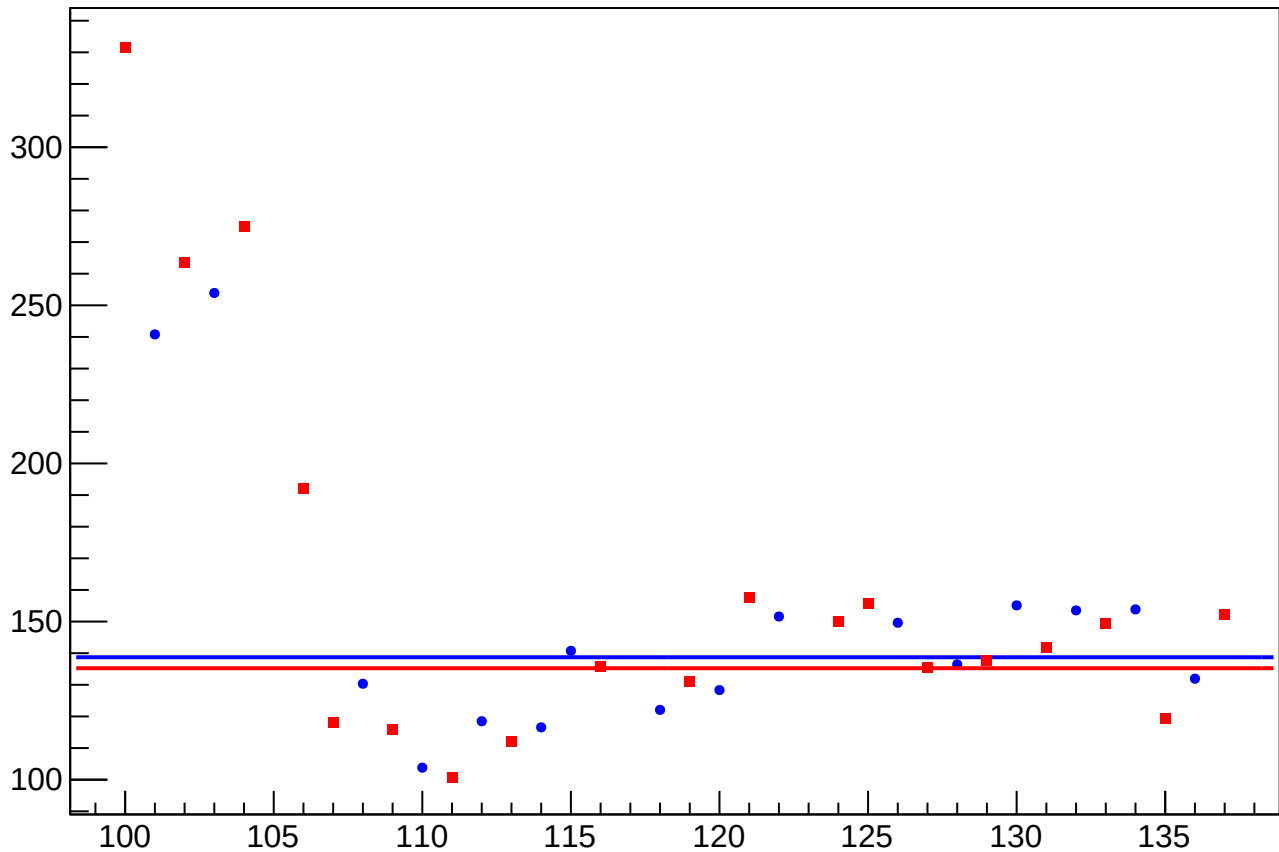
Right: -2417.983+/-37.558 χ^2/NDF : 42541.9/34

In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2417.983+/-37.558 χ^2/NDF : 42541.9/34

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.712 $\pm$ 0.038 χ^2 /NDF: 657791.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.245 $\pm$ 0.037 χ^2 /NDF: 890024.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

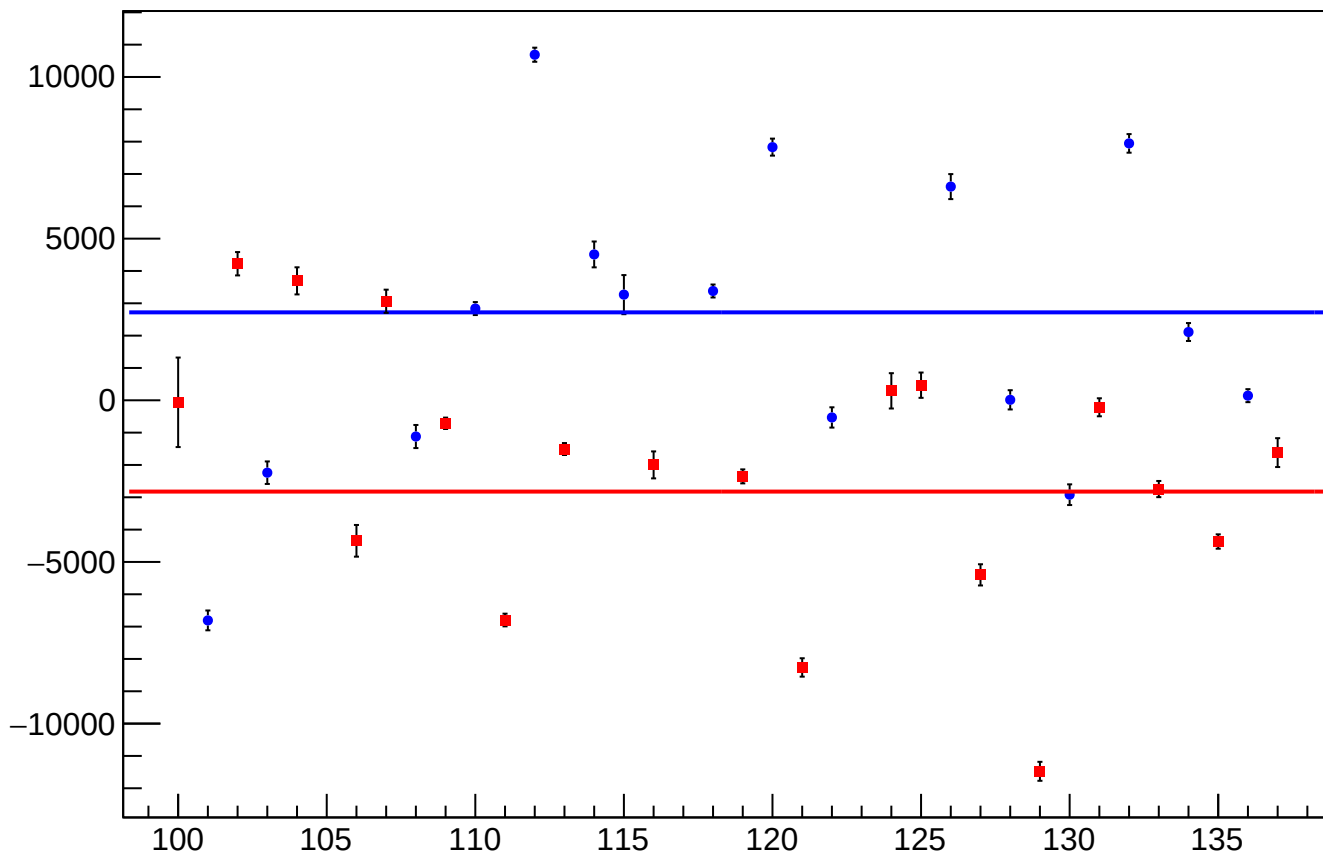
Right: 136.910 $\pm$ 0.027 χ^2 /NDF: 1552069.4/34

In: 138.712 $\pm$ 0.038 χ^2 /NDF:657791.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.910 $\pm$ 0.027 χ^2 /NDF: 1552069.4/34

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2719.896 ± 69.247 χ^2/NDF : 4129.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2823.679 ± 64.850 χ^2/NDF : 3062.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

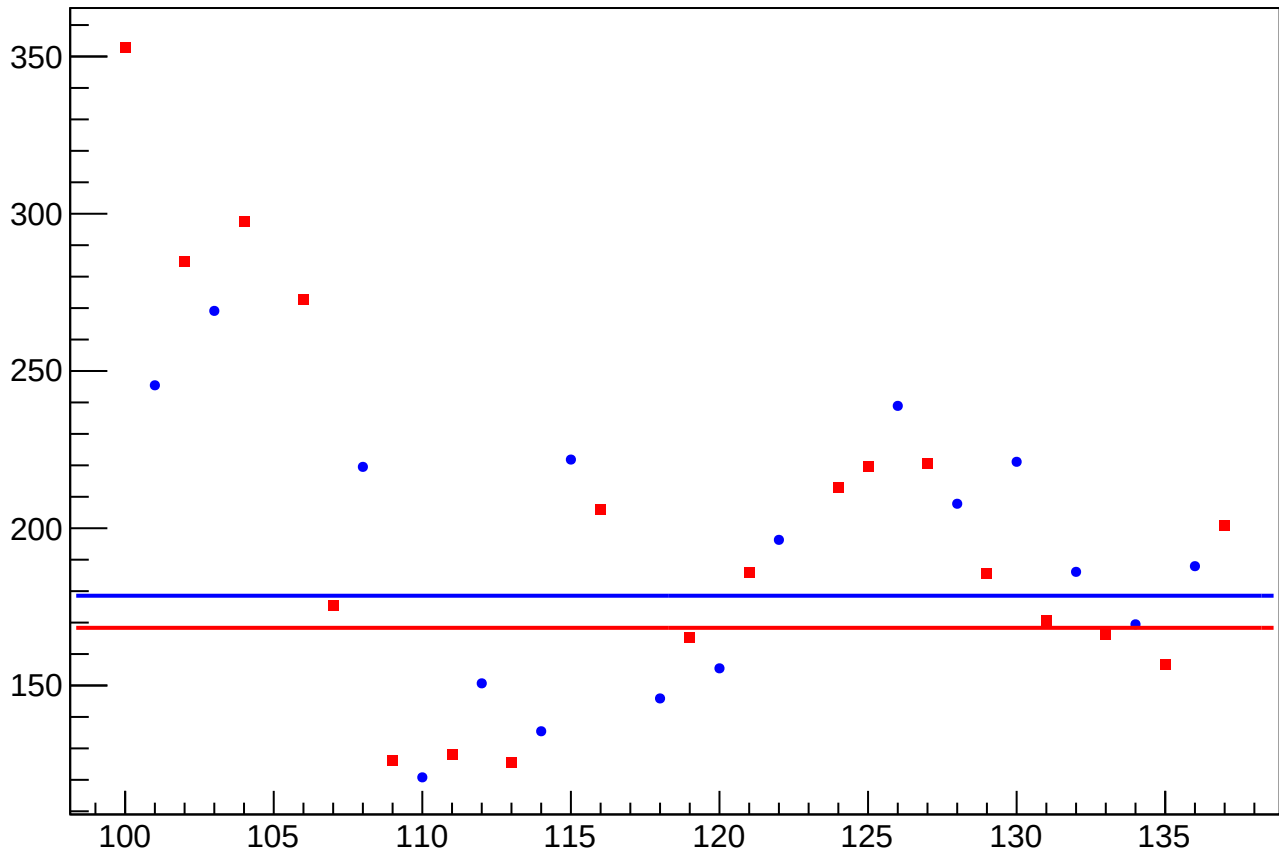
Right: -233.460 ± 47.334 χ^2/NDF : 10606.3/34

In: 2719.896 ± 69.247 χ^2/NDF : 4129.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -233.460 ± 47.334 χ^2/NDF : 10606.3/34

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 178.541+/-0.049 χ^2/NDF : 674566.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.335+/-0.046 χ^2/NDF : 979485.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

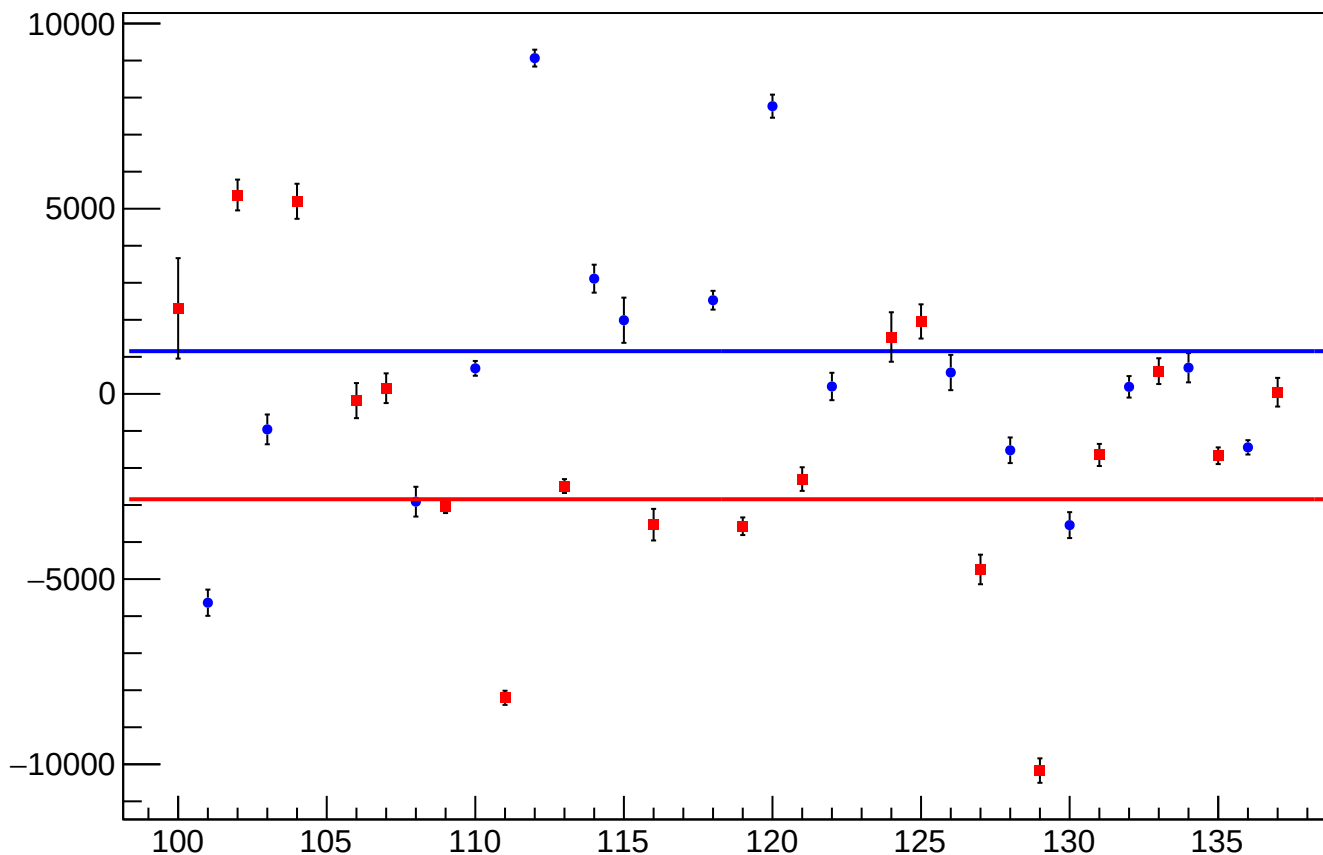
Right: 173.104+/-0.033 χ^2/NDF : 1677198.9/34

In: 178.541+/-0.049 χ^2/NDF : 674566.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.104+/-0.033 χ^2/NDF : 1677198.9/34

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1153.823+/-75.957 χ^2/NDF : 2655.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2843.895+/-69.139 χ^2/NDF : 2453.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

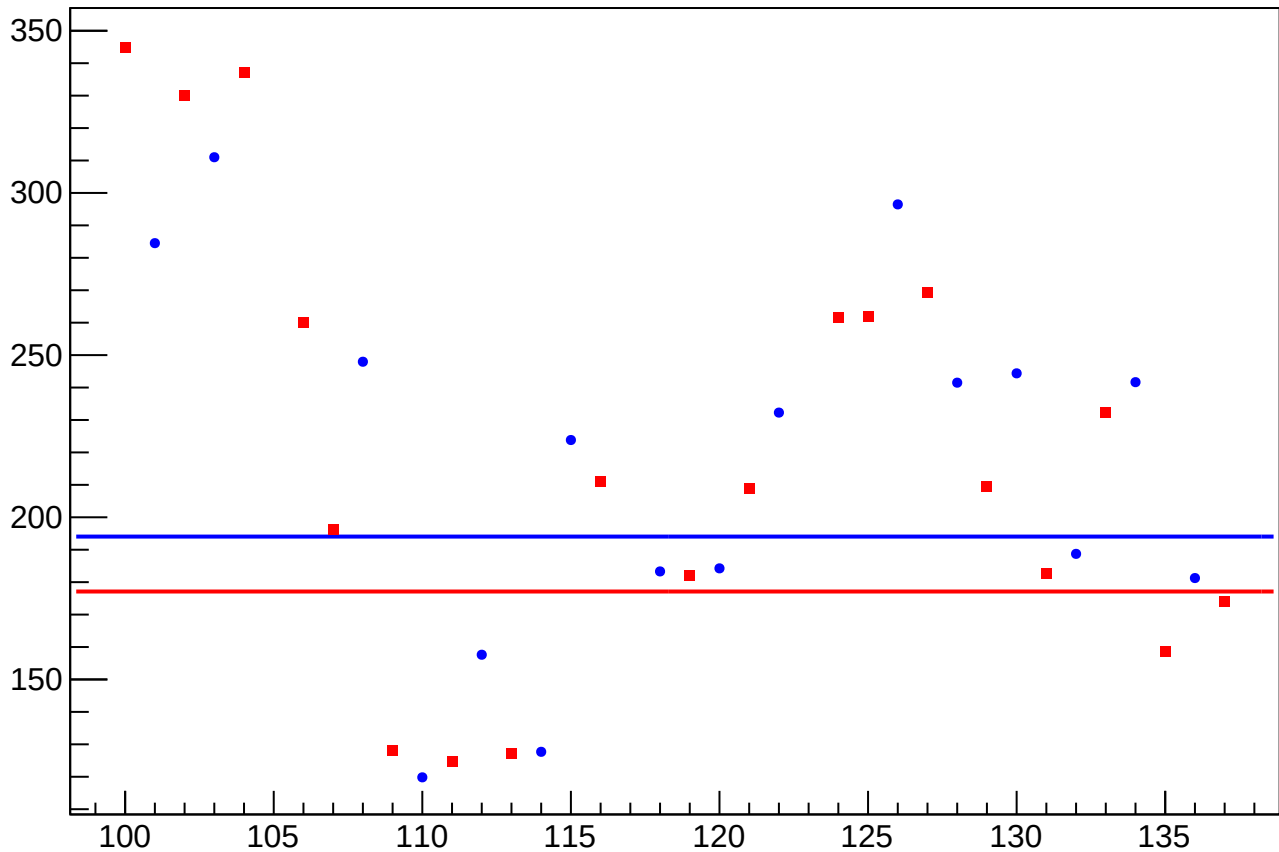
Right: -1032.468+/-51.129 χ^2/NDF : 6623.4/34

In: 1153.823+/-75.957 χ^2/NDF :2655.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1032.468+/-51.129 χ^2/NDF : 6623.4/34

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.053+/-0.054 χ^2/NDF : 965786.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.115+/-0.049 χ^2/NDF : 1359345.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

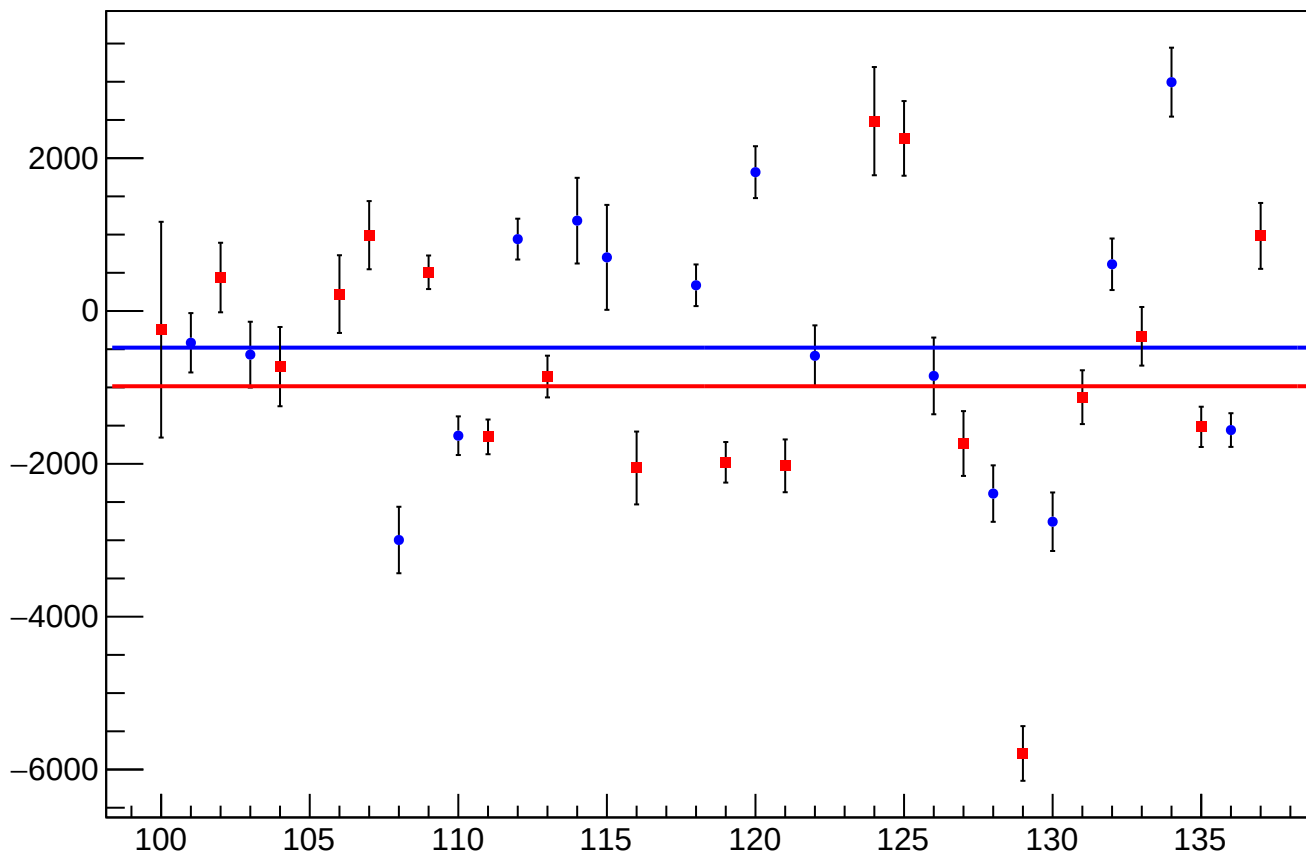
Right: 184.790+/-0.036 χ^2/NDF : 2379520.9/34

In: 194.053+/-0.054 χ^2/NDF : 965786.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.790+/-0.036 χ^2/NDF : 2379520.9/34

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -479.302+/-86.685 χ^2/NDF : 305.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -984.498+/-80.945 χ^2/NDF : 398.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

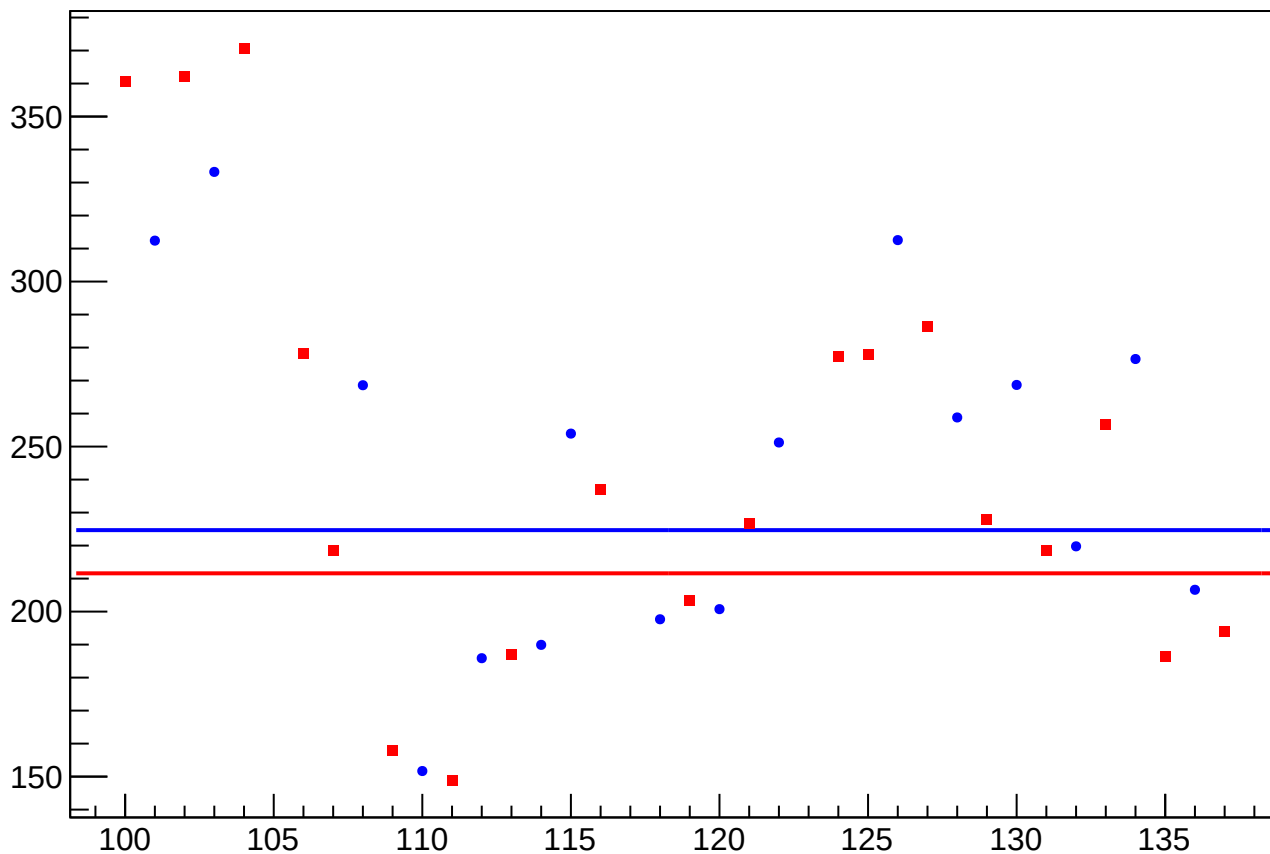
Right: -749.177+/-59.162 χ^2/NDF : 721.7/34

In: -479.302+/-86.685 χ^2/NDF :305.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -749.177+/-59.162 χ^2/NDF : 721.7/34

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.683+/-0.061 χ^2/NDF : 653193.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 211.595+/-0.057 χ^2/NDF : 932902.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

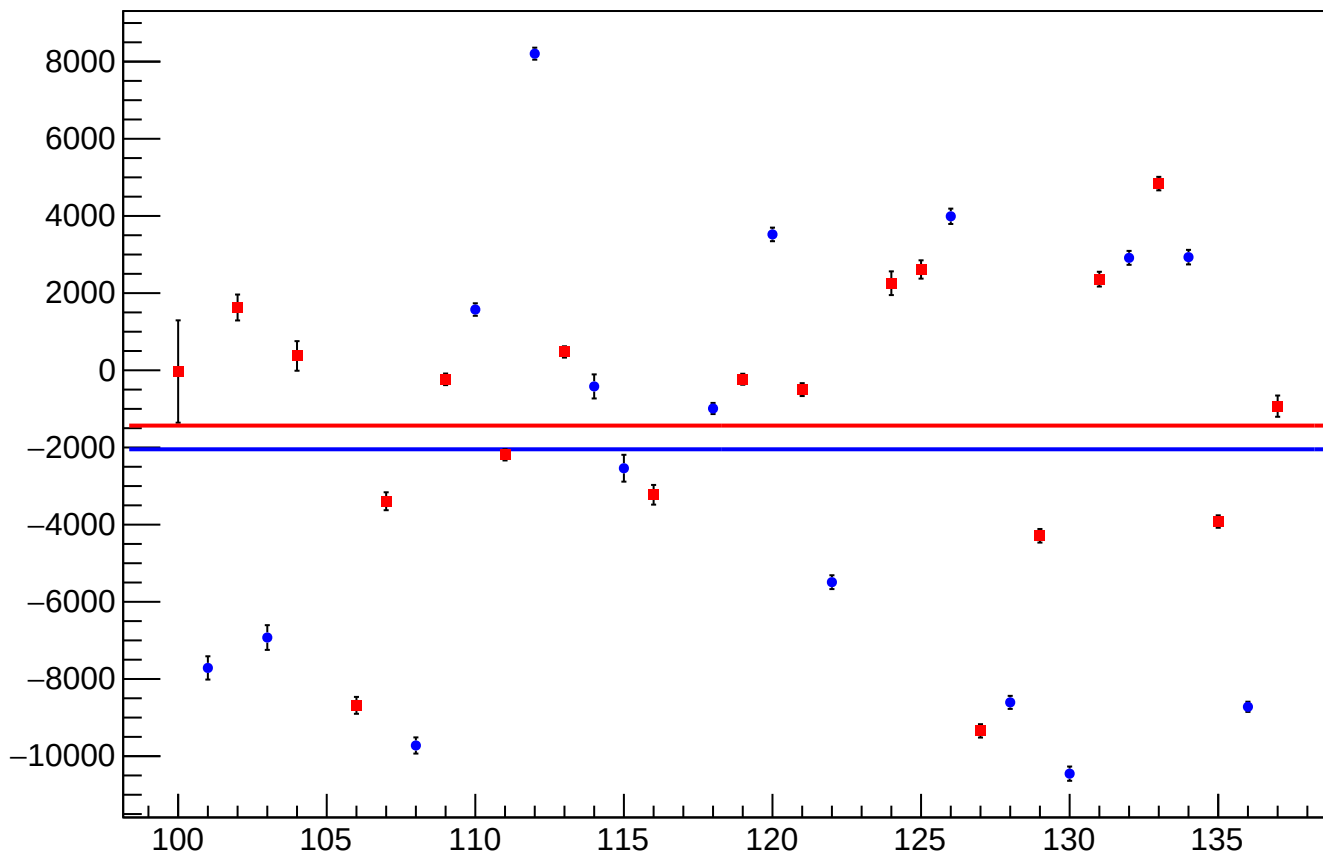
Right: 217.691+/-0.042 χ^2/NDF : 1610450.2/34

In: 224.683+/-0.061 χ^2/NDF :653193.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 217.691+/-0.042 χ^2/NDF : 1610450.2/34

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2047.267 ± 46.722 $\chi^2/\text{NDF}: 16709.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1432.909 ± 44.729 $\chi^2/\text{NDF}: 6387.8/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

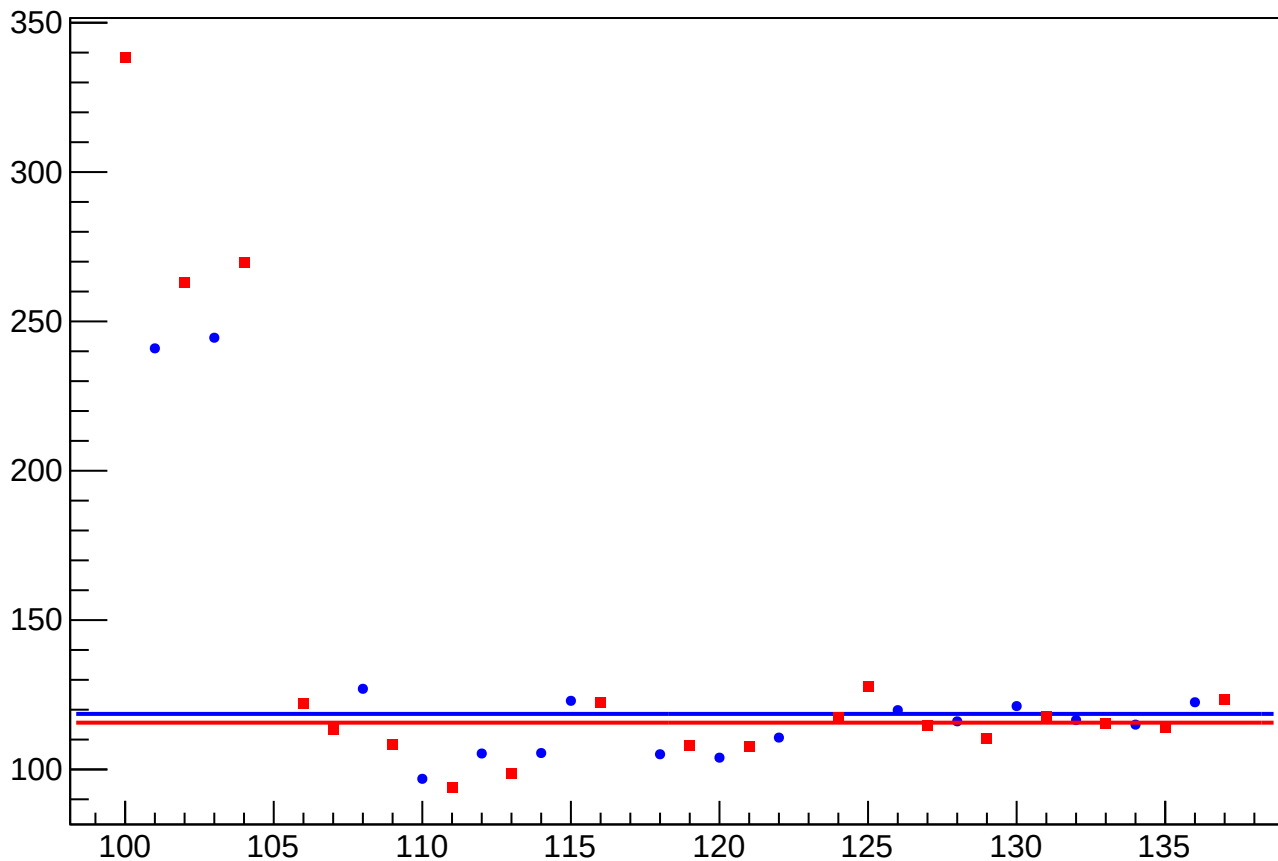
Right: -1726.707 ± 32.310 $\chi^2/\text{NDF}: 23187.1/34$

In: -2047.267 ± 46.722 $\chi^2/\text{NDF}: 16709.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1726.707 ± 32.310 $\chi^2/\text{NDF}: 23187.1/34$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.596+/-0.033 χ^2/NDF : 734158.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.660+/-0.032 χ^2/NDF : 864206.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

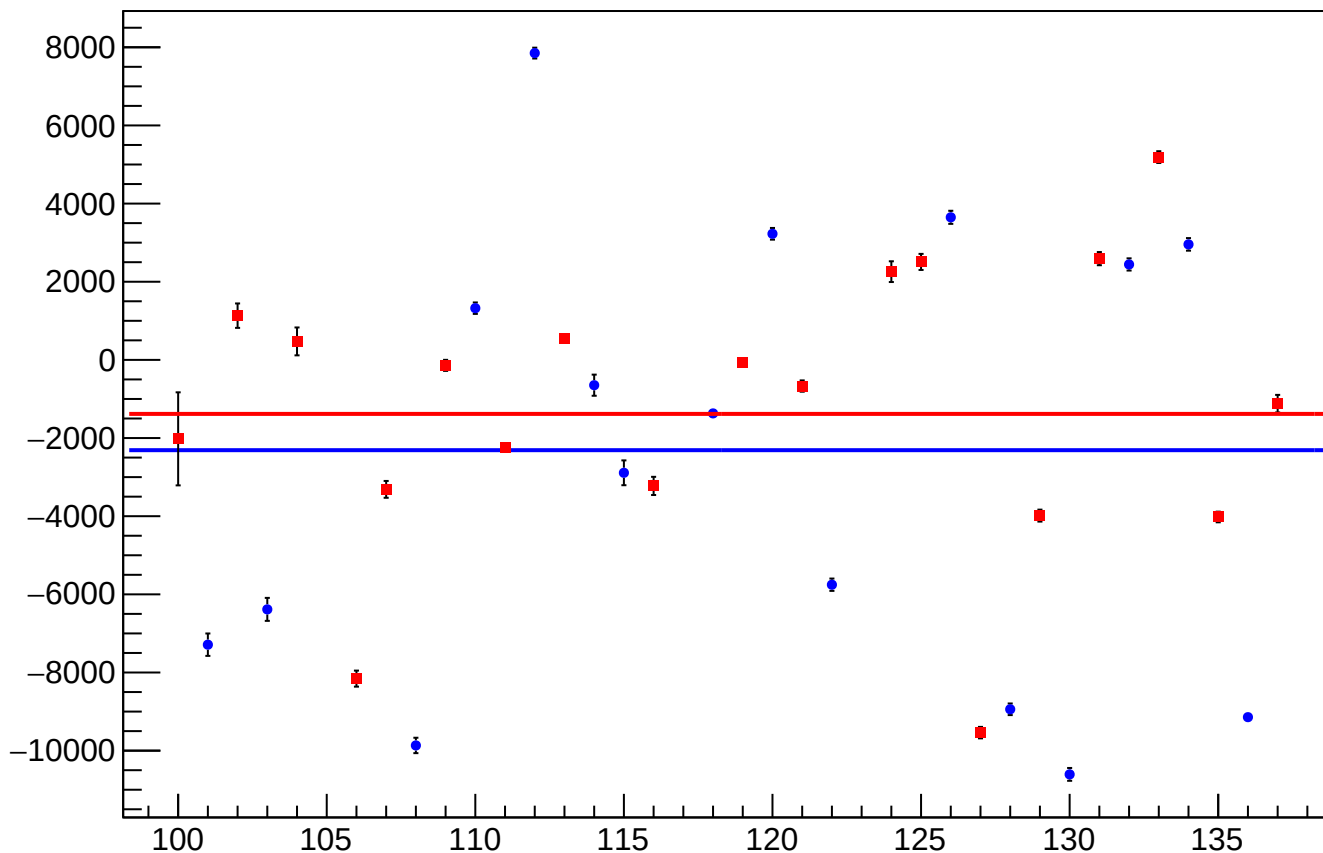
Right: 117.064+/-0.023 χ^2/NDF : 1602486.6/34

In: 118.596+/-0.033 χ^2/NDF : 734158.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.064+/-0.023 χ^2/NDF : 1602486.6/34

asym_bpm2i01WS_mean vs Slug, Sign Corrected



Right In: -2310.581 ± 40.734 χ^2/NDF : 21679.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1382.178 ± 39.342 χ^2/NDF : 8578.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

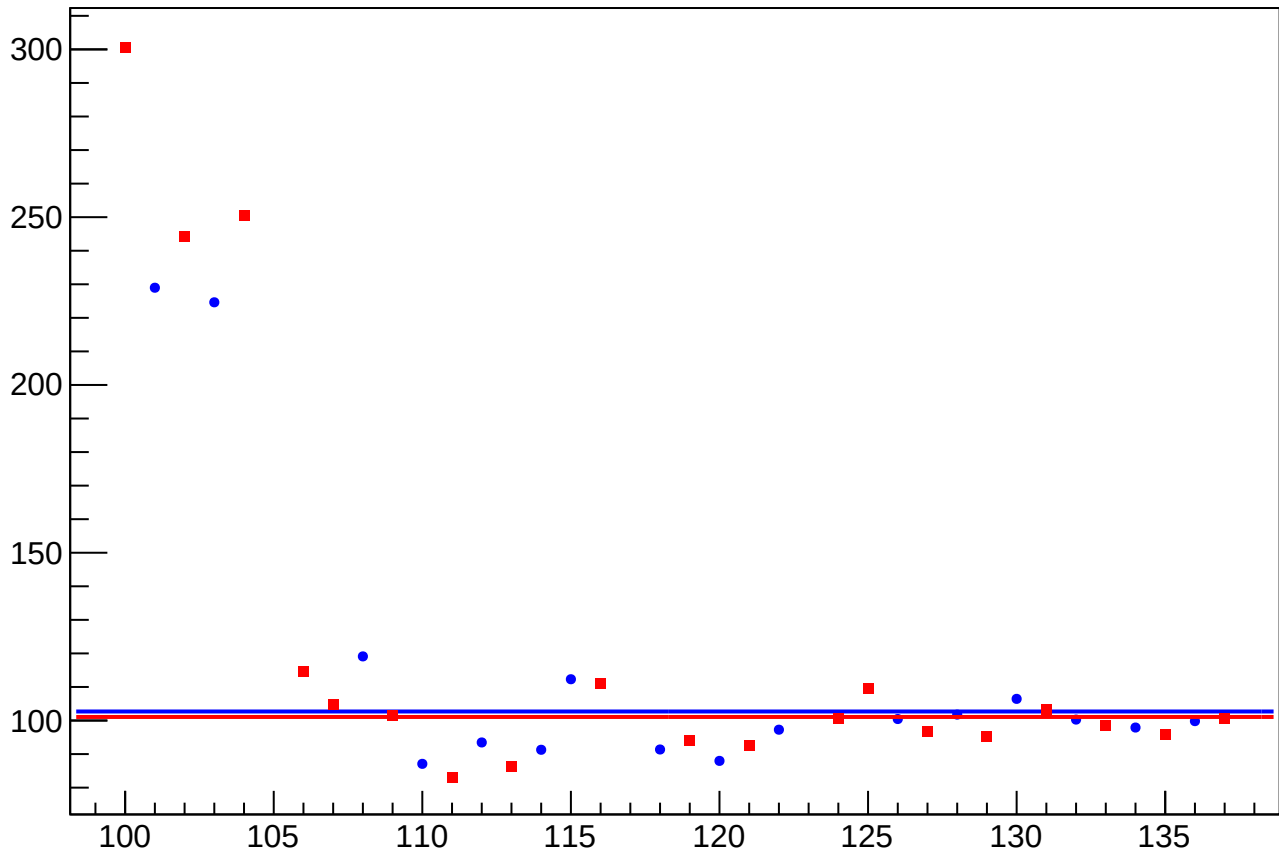
Right: -1830.238 ± 28.298 χ^2/NDF : 30527.1/34

In: -2310.581 ± 40.734 χ^2/NDF : 21679.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1830.238 ± 28.298 χ^2/NDF : 30527.1/34

asym_bpm2i01WS_rms vs Slug, Sign Corrected



Right In: 102.694+/-0.029 χ^2/NDF : 825801.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.063+/-0.028 χ^2/NDF : 930458.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

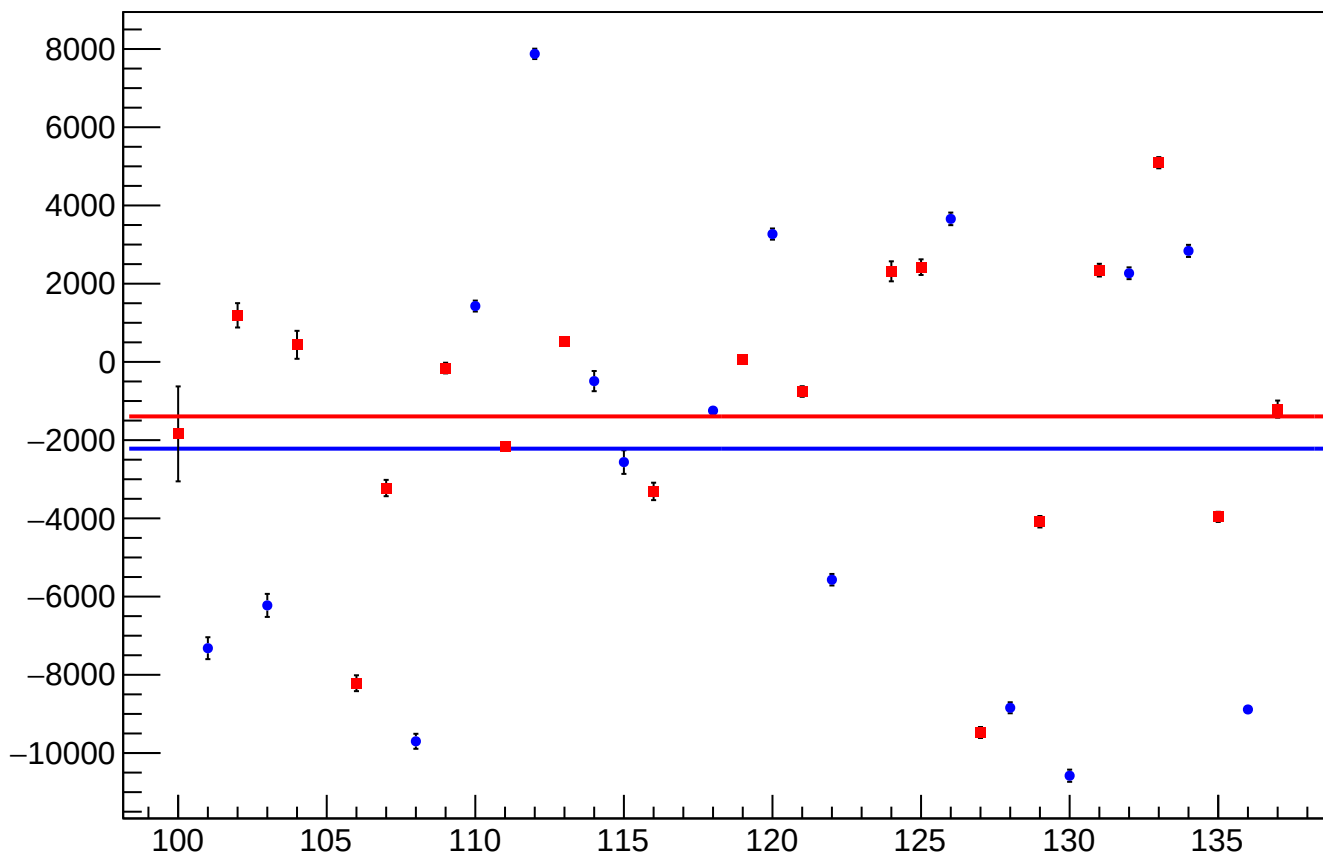
Right: 101.850+/-0.020 χ^2/NDF : 1757917.4/34

In: 102.694+/-0.029 χ^2/NDF : 825801.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.850+/-0.020 χ^2/NDF : 1757917.4/34

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2218.049+/-39.039 χ^2/NDF : 23040.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1393.557+/-37.580 χ^2/NDF : 9152.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

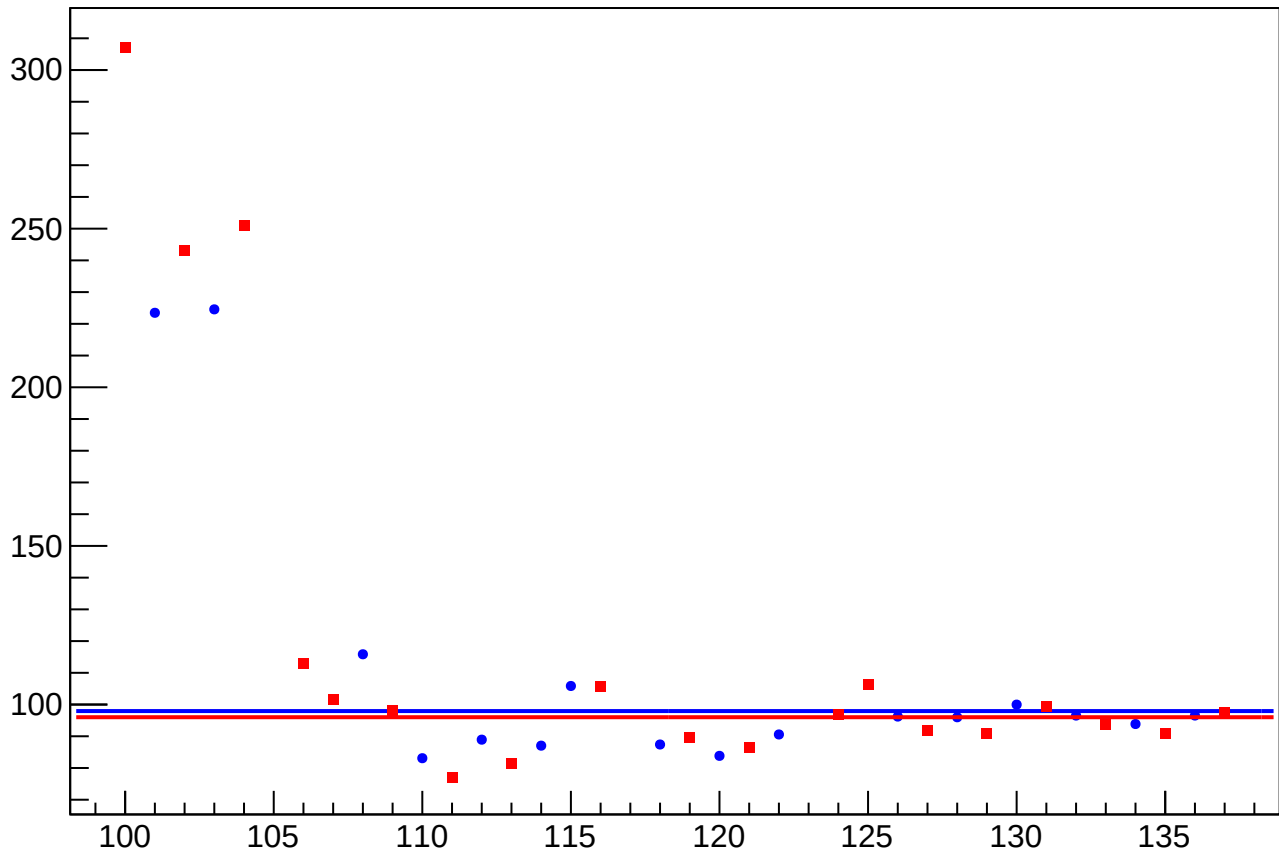
Right: -1790.108+/-27.074 χ^2/NDF : 32424.3/34

In: -2218.049+/-39.039 χ^2/NDF : 23040.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1790.108+/-27.074 χ^2/NDF : 32424.3/34

asym_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 97.944+/-0.028 χ^2/NDF : 868148.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 96.005+/-0.027 χ^2/NDF : 1012287.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

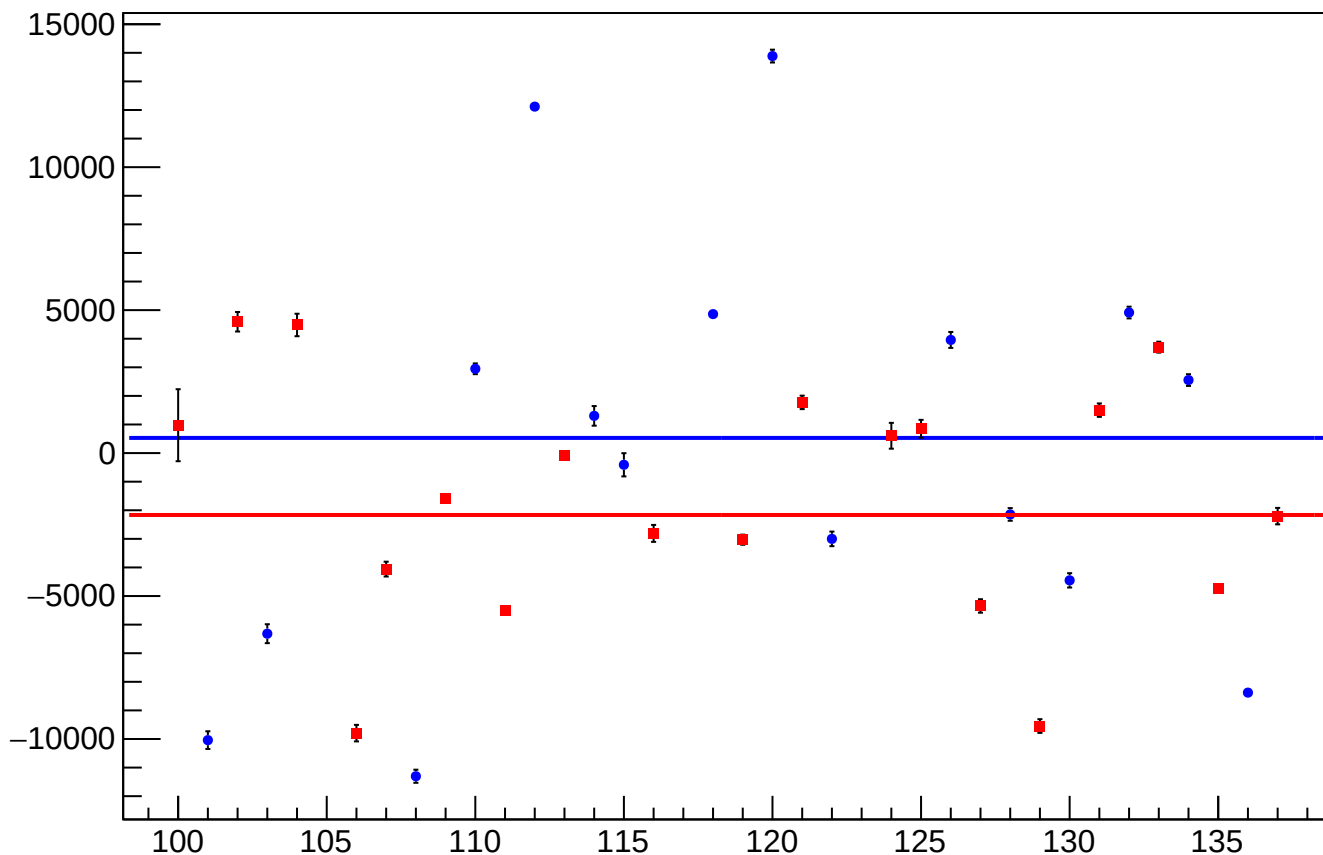
Right: 96.937+/-0.019 χ^2/NDF : 1882996.0/34

In: 97.944+/-0.028 χ^2/NDF : 868148.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.937+/-0.019 χ^2/NDF : 1882996.0/34

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 530.568 $\pm$ 54.855 χ^2 /NDF: 18587.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2164.994 $\pm$ 53.458 χ^2 /NDF: 4967.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

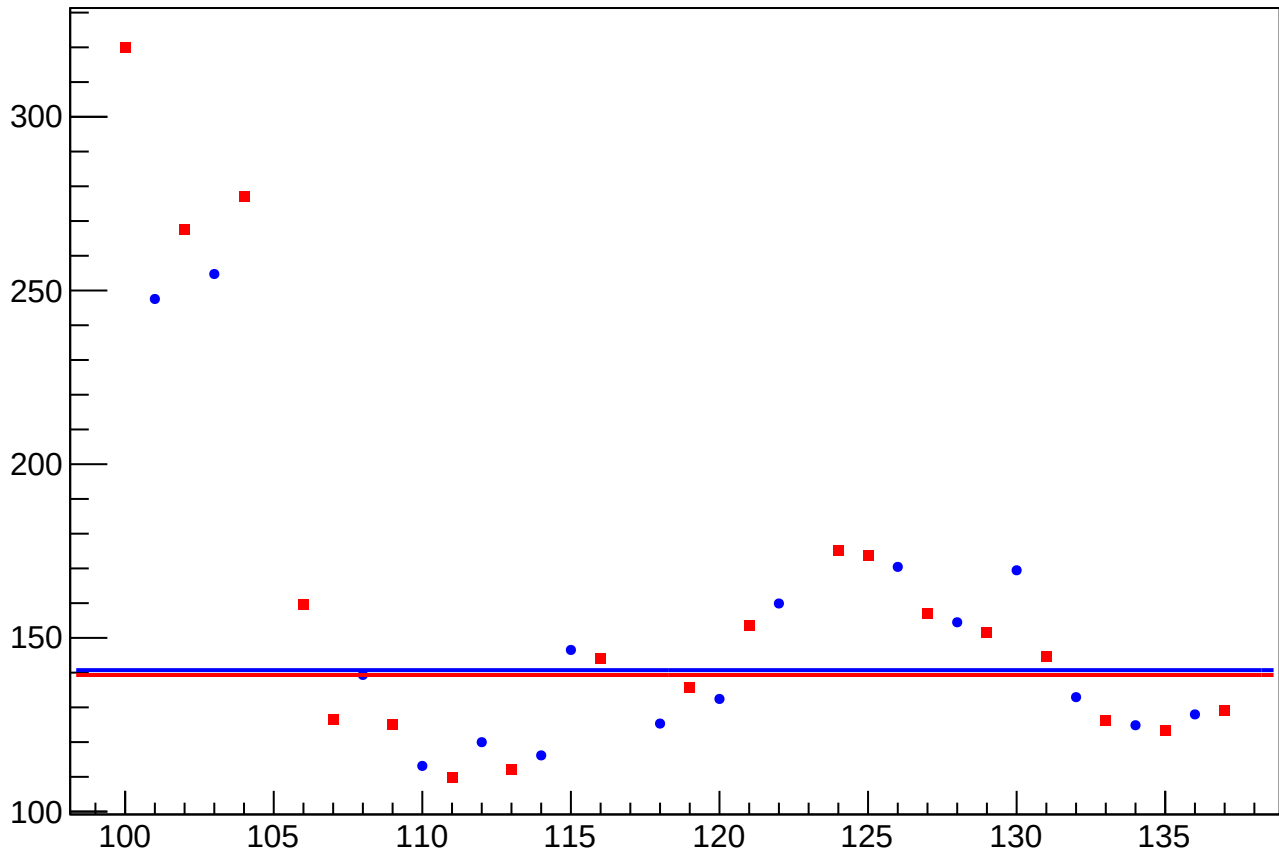
Right: -851.965 $\pm$ 38.285 χ^2 /NDF: 24793.2/34

In: 530.568 $\pm$ 54.855 χ^2 /NDF:18587.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -851.965 $\pm$ 38.285 χ^2 /NDF: 24793.2/34

asym_bpm0i01WS_rms vs Slug, Sign Corrected



Right In: 140.715+/-0.039 χ^2/NDF : 675618.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.317+/-0.038 χ^2/NDF : 802317.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

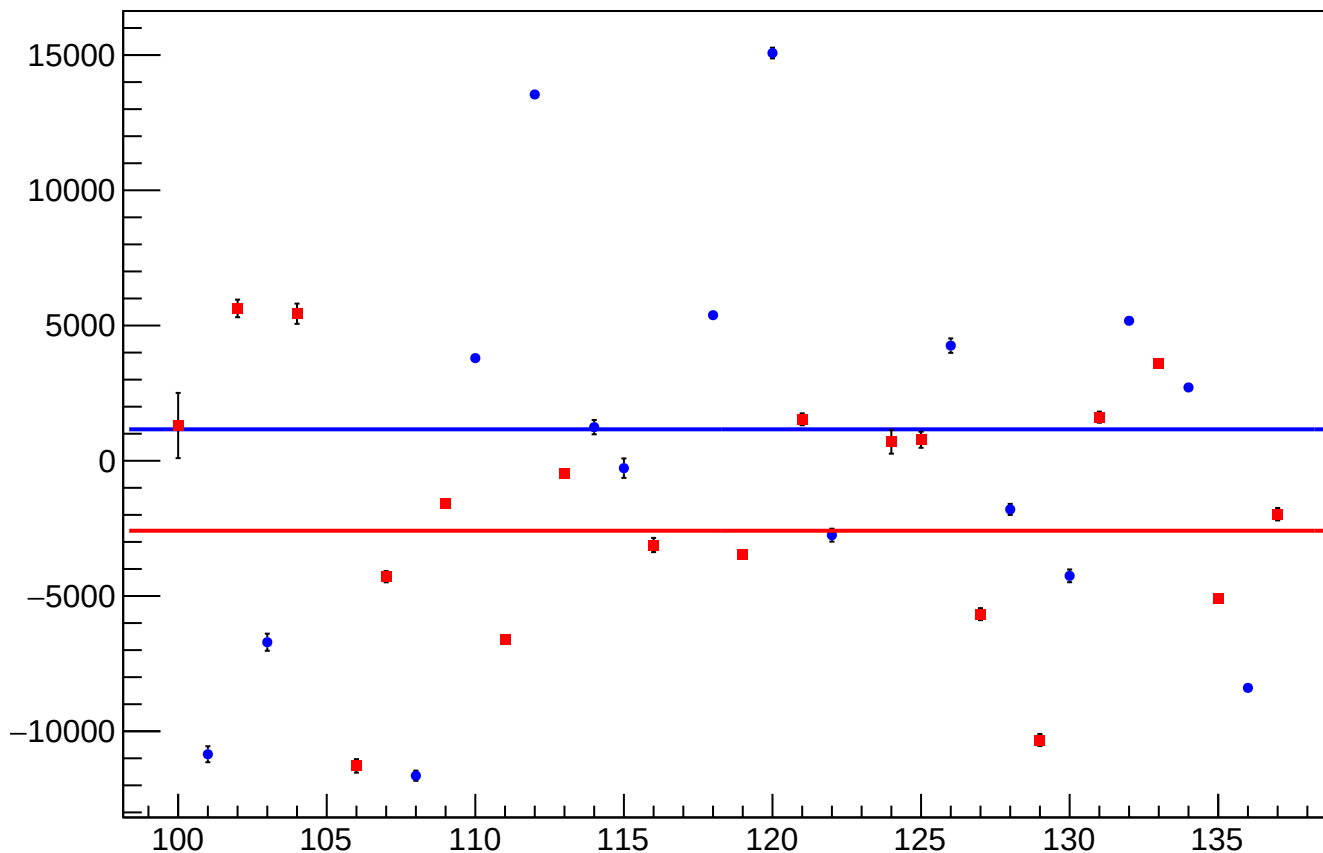
Right: 139.998+/-0.027 χ^2/NDF : 1478602.2/34

In: 140.715+/-0.039 χ^2/NDF : 675618.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.998+/-0.027 χ^2/NDF : 1478602.2/34

asym_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 1162.980+/-45.930 χ^2/NDF : 30754.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2586.755+/-44.256 χ^2/NDF : 8099.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

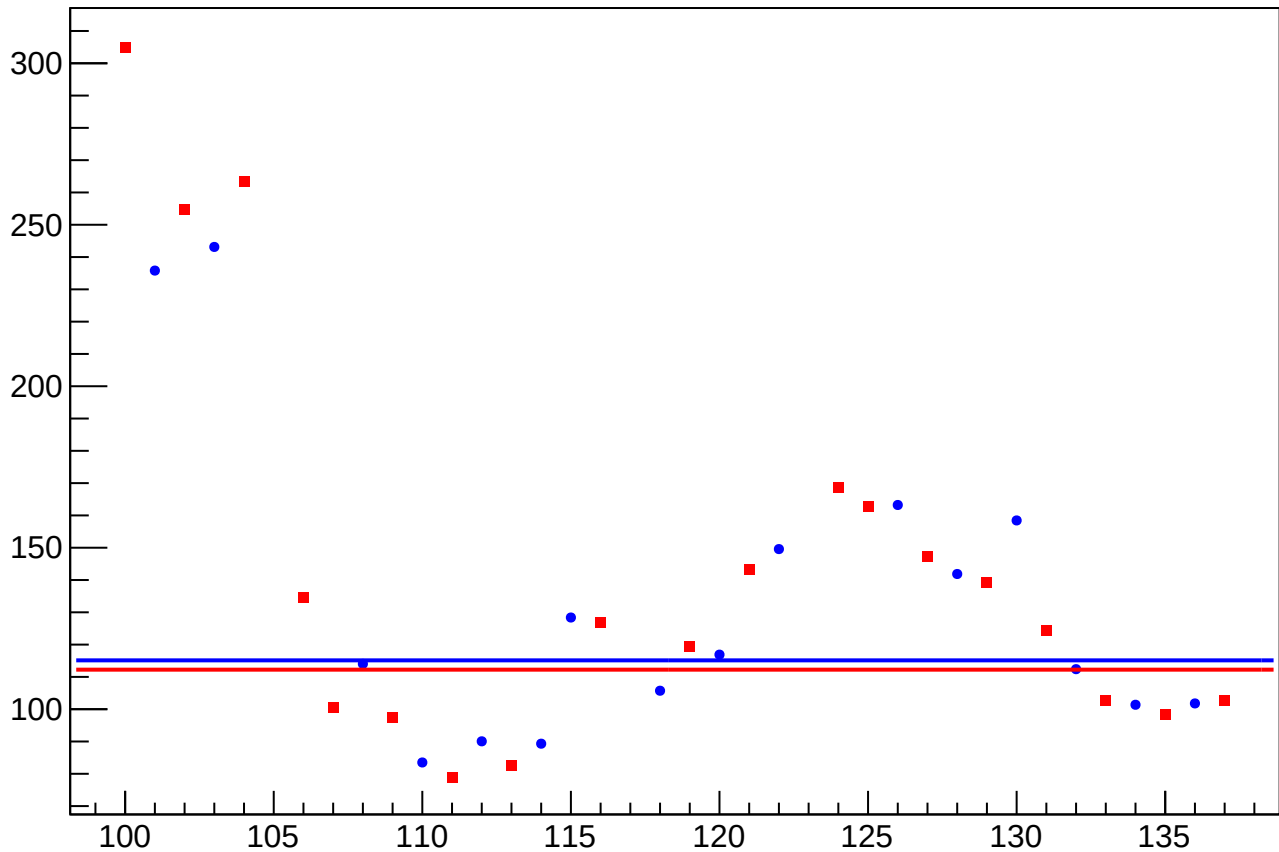
Right: -781.454+/-31.869 χ^2/NDF : 42310.2/34

In: 1162.980+/-45.930 χ^2/NDF : 30754.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -781.454+/-31.869 χ^2/NDF : 42310.2/34

asym_bpm0i01aWS_rms vs Slug, Sign Corrected



Right In: 115.125+/-0.032 χ^2/NDF : 1112987.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 112.241+/-0.031 χ^2/NDF : 1328156.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

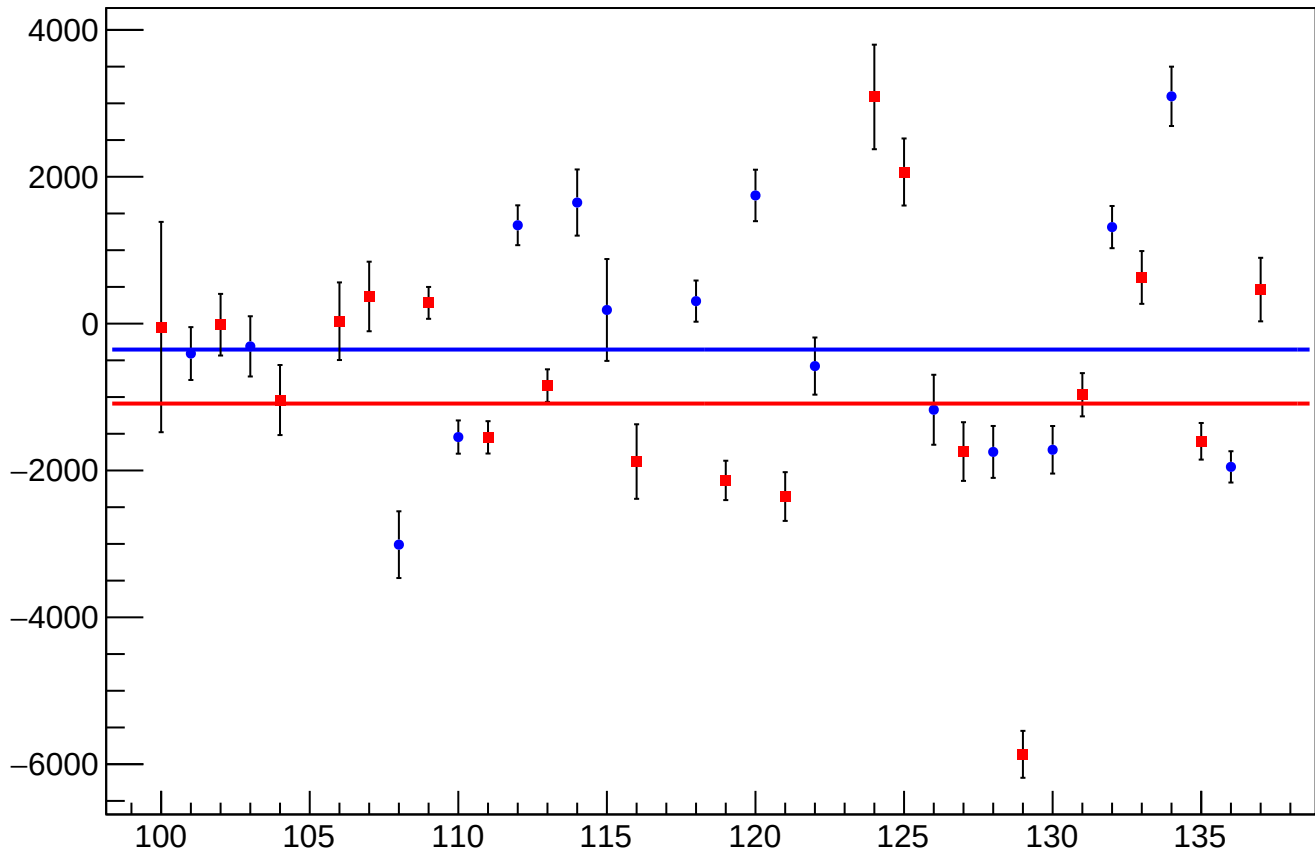
Right: 113.630+/-0.023 χ^2/NDF : 2445233.6/34

In: 115.125+/-0.032 χ^2/NDF :1112987.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 113.630+/-0.023 χ^2/NDF : 2445233.6/34

asym_bpm0l01WS_mean vs Slug, Sign Corrected



Right In: -353.129 ± 82.136 χ^2/NDF : 361.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1088.752 ± 76.444 χ^2/NDF : 447.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

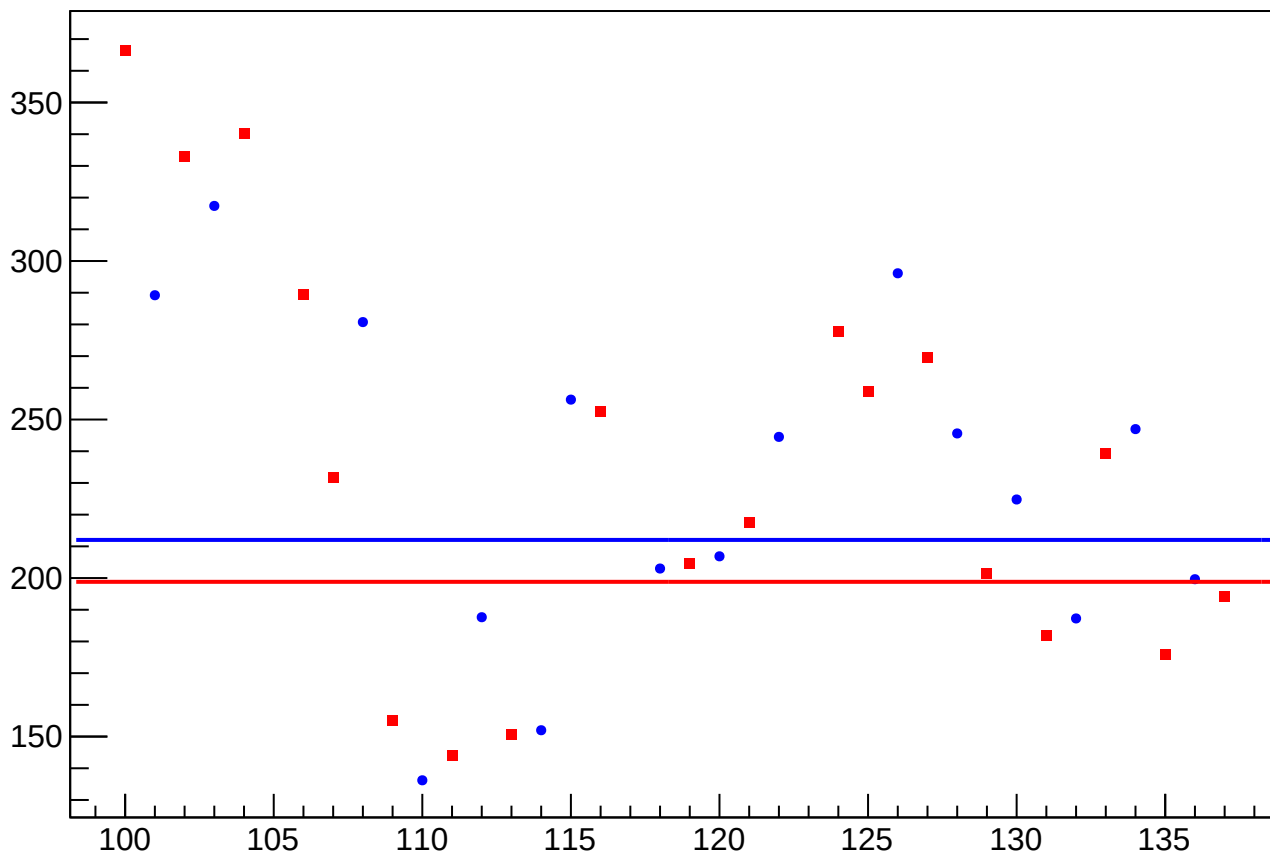
Right: -747.310 ± 55.958 χ^2/NDF : 852.0/34

In: -353.129 ± 82.136 χ^2/NDF : 361.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -747.310 ± 55.958 χ^2/NDF : 852.0/34

asym_bpm0l01WS_rms vs Slug, Sign Corrected



Right In: 212.027+/-0.058 χ^2/NDF : 690358.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 198.809+/-0.054 χ^2/NDF : 974928.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

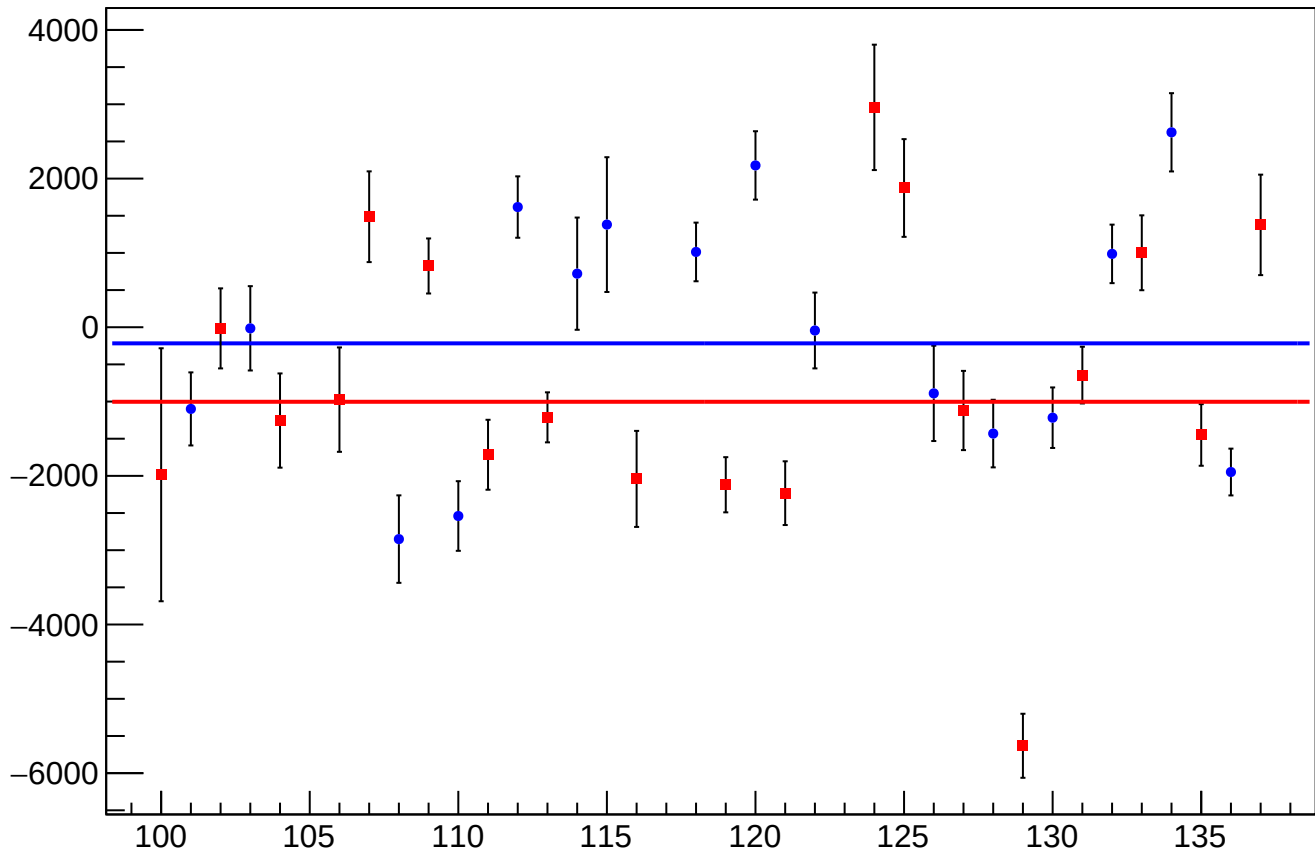
Right: 204.945+/-0.040 χ^2/NDF : 1693041.6/34

In: 212.027+/-0.058 χ^2/NDF : 690358.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 204.945+/-0.040 χ^2/NDF : 1693041.6/34

asym_bpm0l02WS_mean vs Slug, Sign Corrected



Right In: -216.948+/-117.887 χ^2/NDF : 192.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1003.049+/-113.111 χ^2/NDF : 254.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

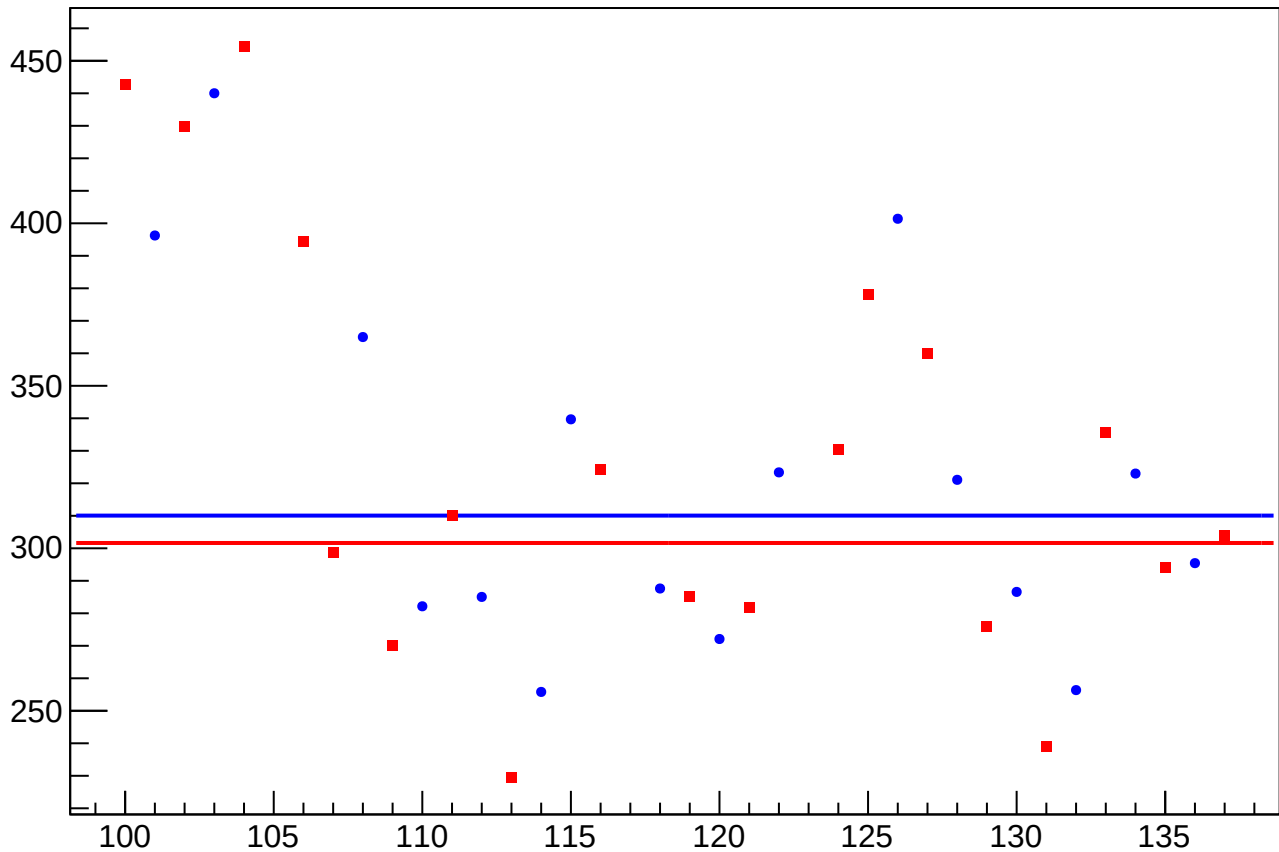
Right: -626.246+/-81.618 χ^2/NDF : 469.7/34

In: -216.948+/-117.887 χ^2/NDF : 192.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.246+/-81.618 χ^2/NDF : 469.7/34

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 310.62±0.083 χ^2/NDF : 323283.5/15

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: 301.637±0.080 χ^2/NDF : 519888.9/18

Left In: 0.000±0.000 χ^2/NDF : 0.0/0

Left: 0.000±0.000 χ^2/NDF : 0.0/0

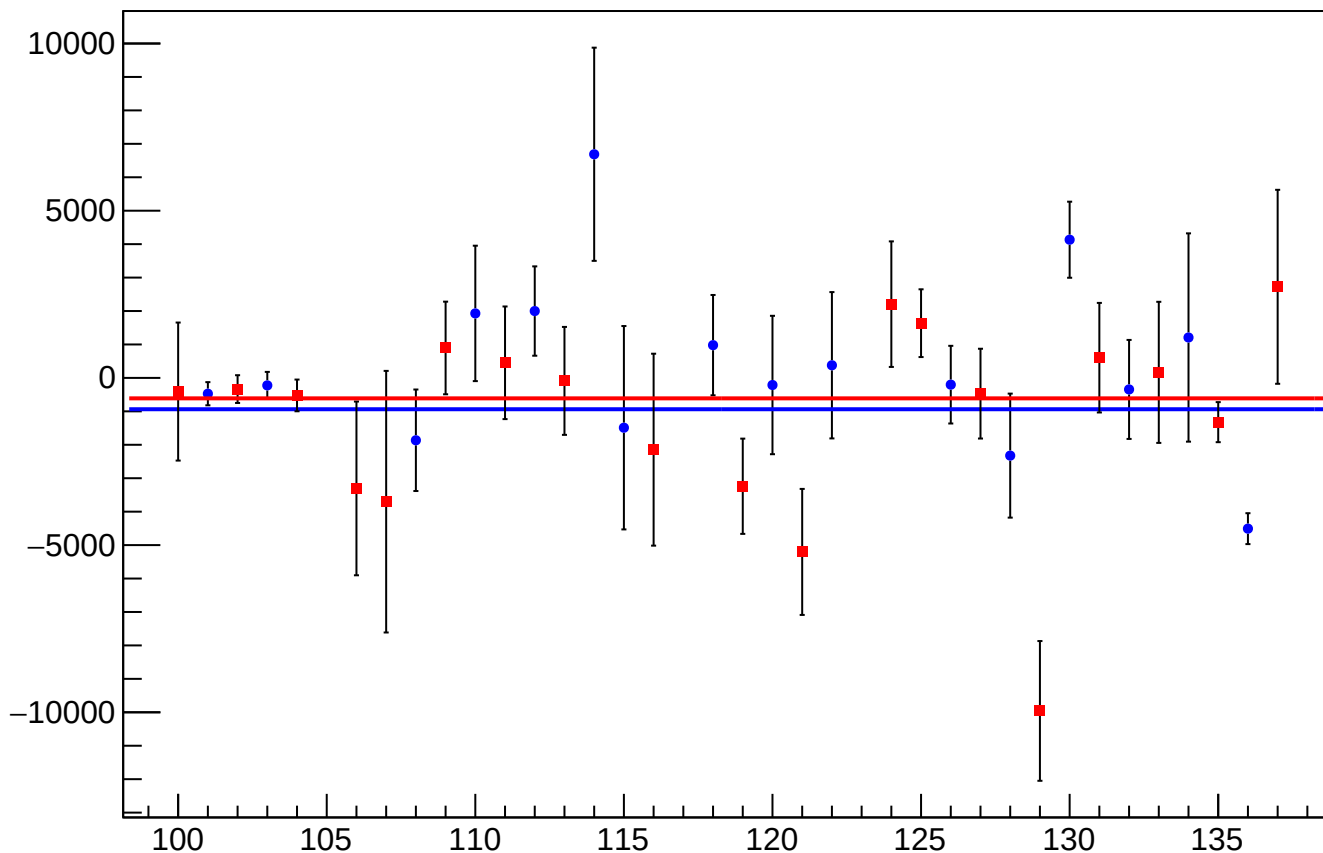
Right: 305.675±0.058 χ^2/NDF : 848490.9/34

In: 310.62±0.083 χ^2/NDF : 323283.5/15

Out: 0.000±0.000 χ^2/NDF : 0.0/0

All: 305.675±0.058 χ^2/NDF : 848490.9/34

asym_bpm0l03WS_mean vs Slug, Sign Corrected



Right In: -936.949+/-204.717 χ^2/NDF : 101.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -611.668+/-233.144 χ^2/NDF : 44.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

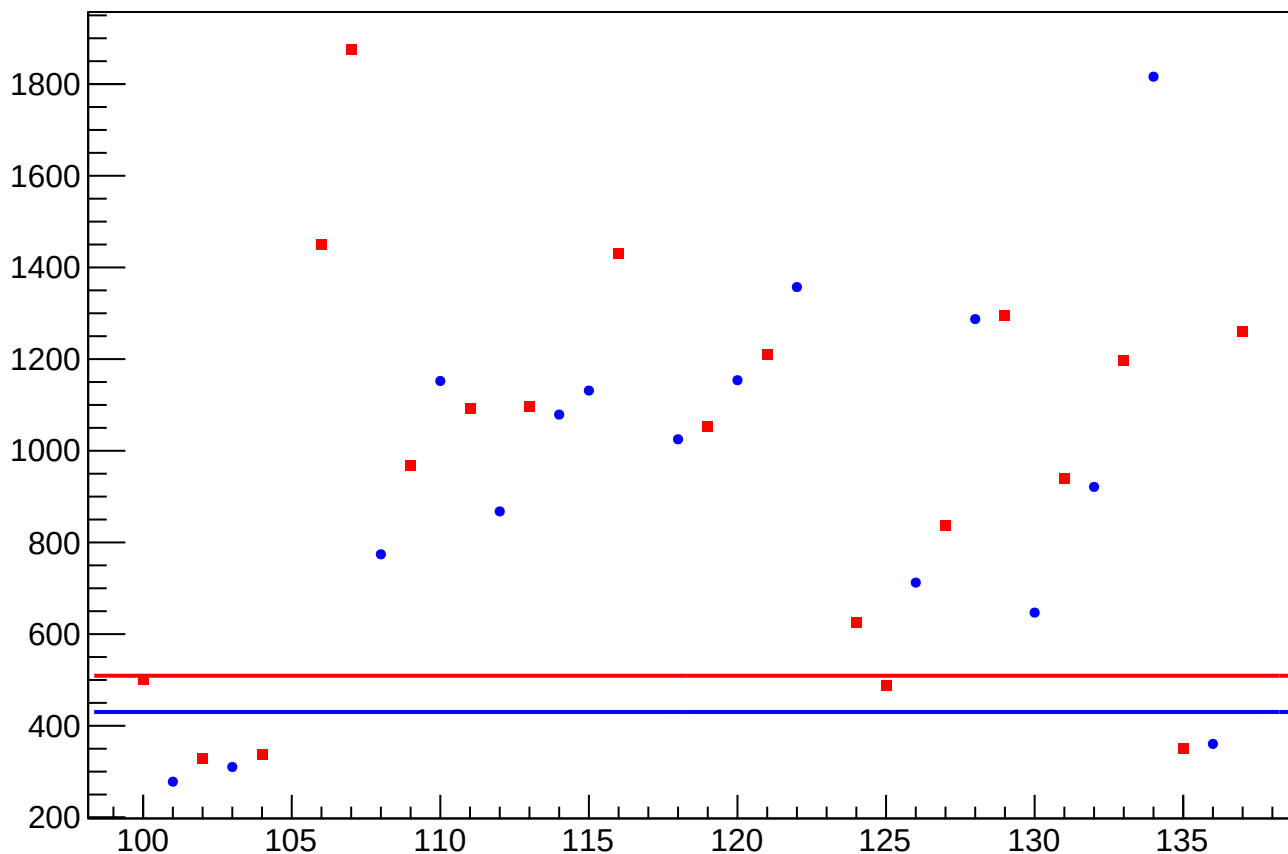
Right: -795.339+/-153.831 χ^2/NDF : 146.4/34

In: -936.949+/-204.717 χ^2/NDF : 101.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -795.339+/-153.831 χ^2/NDF : 146.4/34

asym_bpm0l03WS_rms vs Slug, Sign Corrected



Right In: 430.110+/-0.145 χ^2/NDF : 3521861.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 509.236+/-0.165 χ^2/NDF : 3673425.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

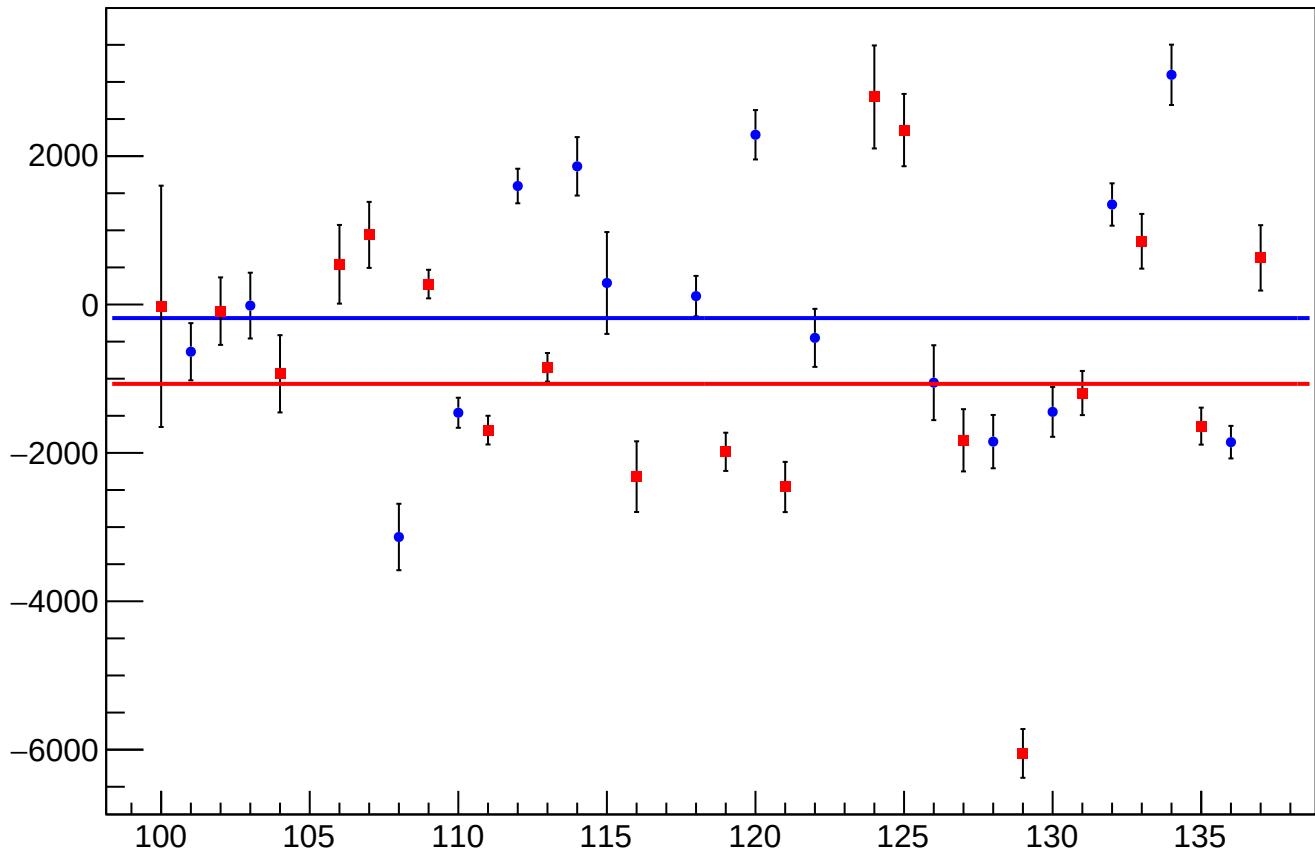
Right: 464.557+/-0.109 χ^2/NDF : 7325362.7/34

In: 430.110+/-0.145 χ^2/NDF :3521861.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 464.557+/-0.109 χ^2/NDF : 7325362.7/34

asym_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: -183.020+/-79.863 χ^2/NDF : 417.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1069.729+/-73.060 χ^2/NDF : 492.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

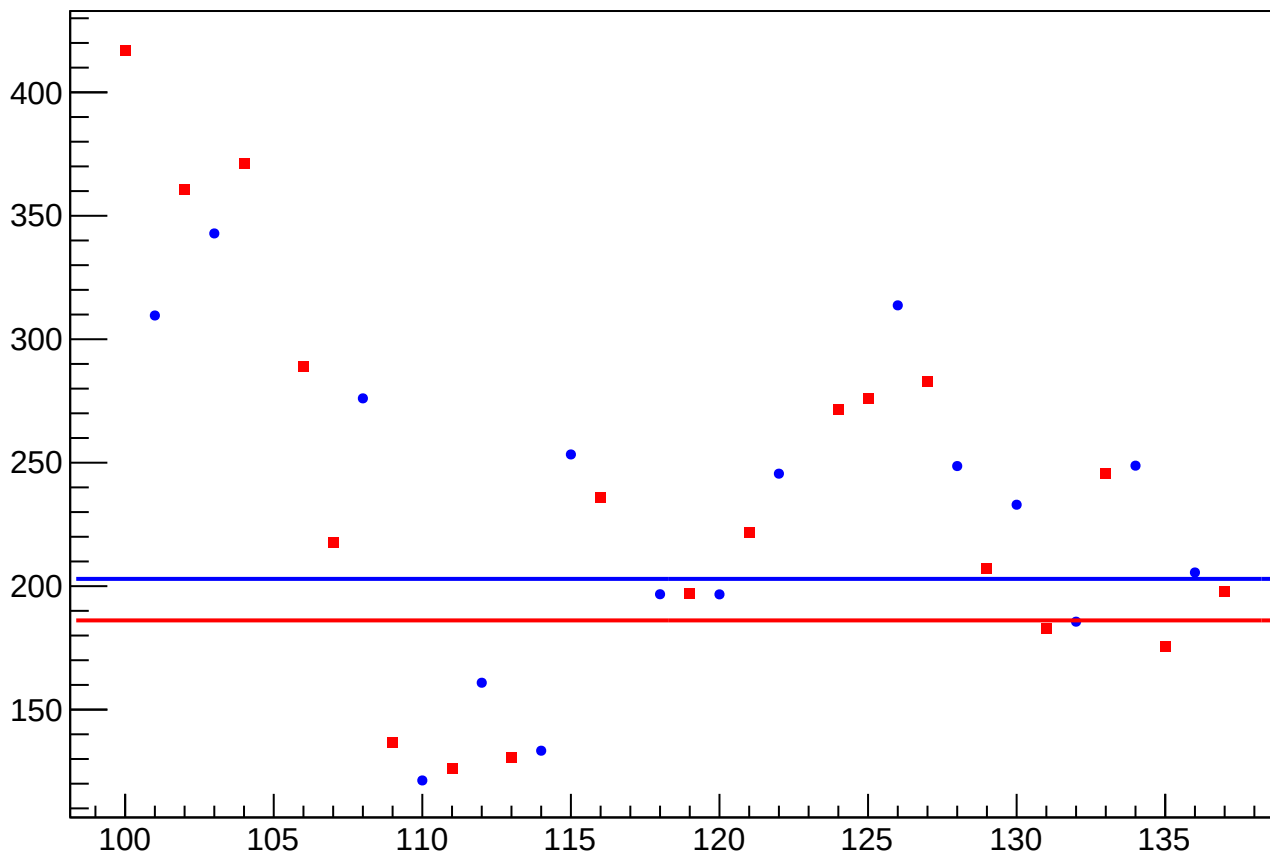
Right: -665.741+/-53.906 χ^2/NDF : 977.1/34

In: -183.020+/-79.863 χ^2/NDF :417.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -665.741+/-53.906 χ^2/NDF : 977.1/34

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 202.941 $\pm$ 0.056 χ^2 /NDF: 1071859.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.129 $\pm$ 0.052 χ^2 /NDF: 1481664.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

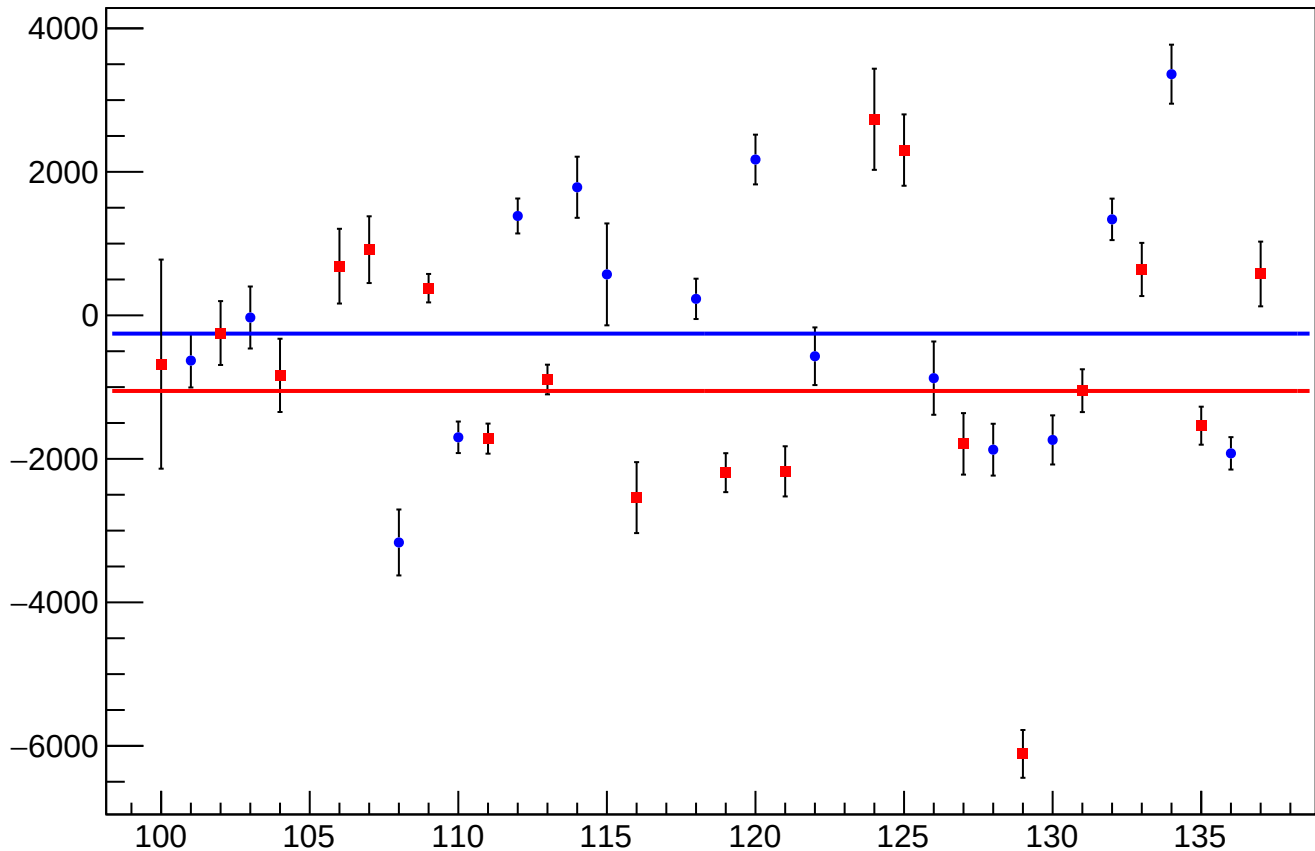
Right: 193.789 $\pm$ 0.038 χ^2 /NDF: 2601774.8/34

In: 202.941 $\pm$ 0.056 χ^2 /NDF:1071859.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 193.789 $\pm$ 0.038 χ^2 /NDF: 2601774.8/34

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -254.470 ± 82.490 $\chi^2/\text{NDF}: 409.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1053.731 ± 75.969 $\chi^2/\text{NDF}: 477.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

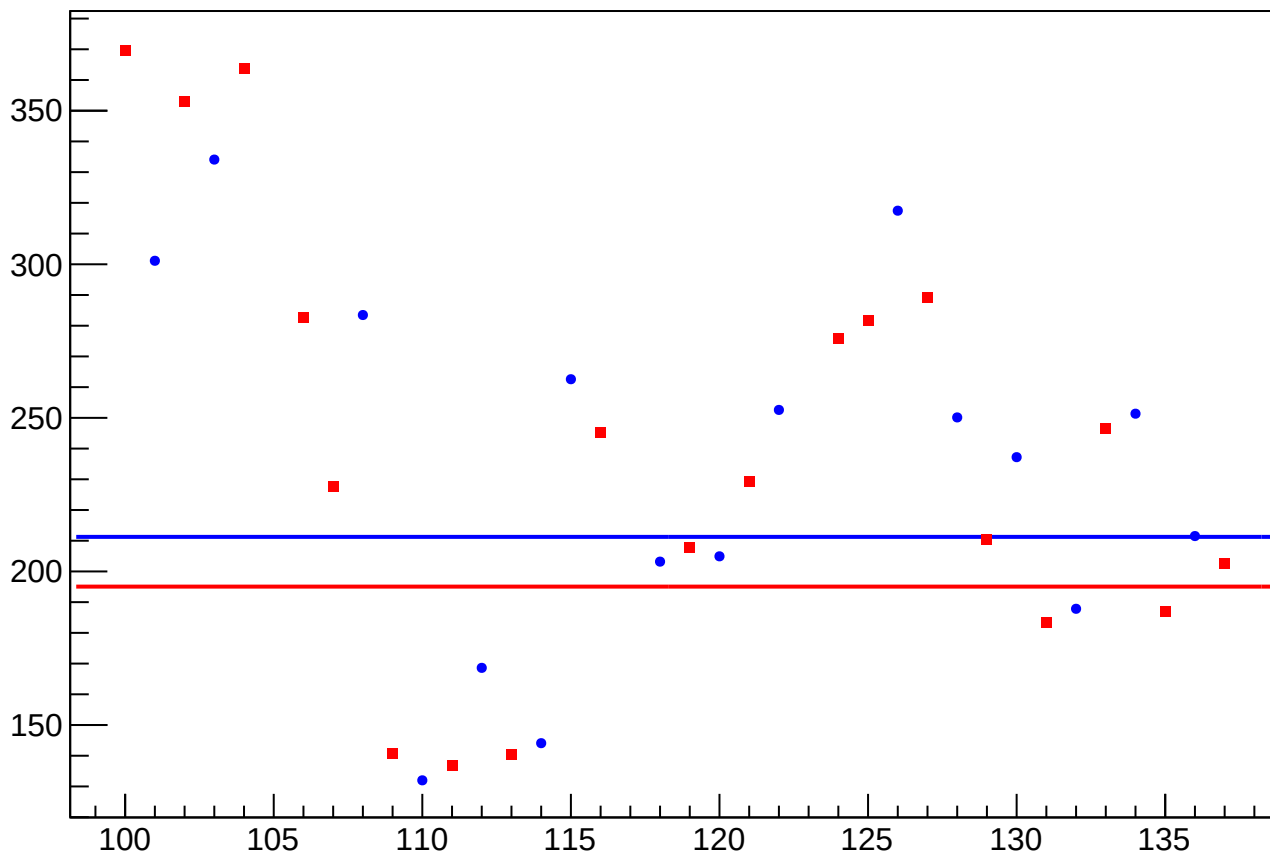
Right: -686.933 ± 55.882 $\chi^2/\text{NDF}: 937.7/34$

In: -254.470 ± 82.490 $\chi^2/\text{NDF}: 409.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -686.933 ± 55.882 $\chi^2/\text{NDF}: 937.7/34$

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.254+/-0.058 χ^2/NDF : 884363.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 195.061+/-0.054 χ^2/NDF : 1284879.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

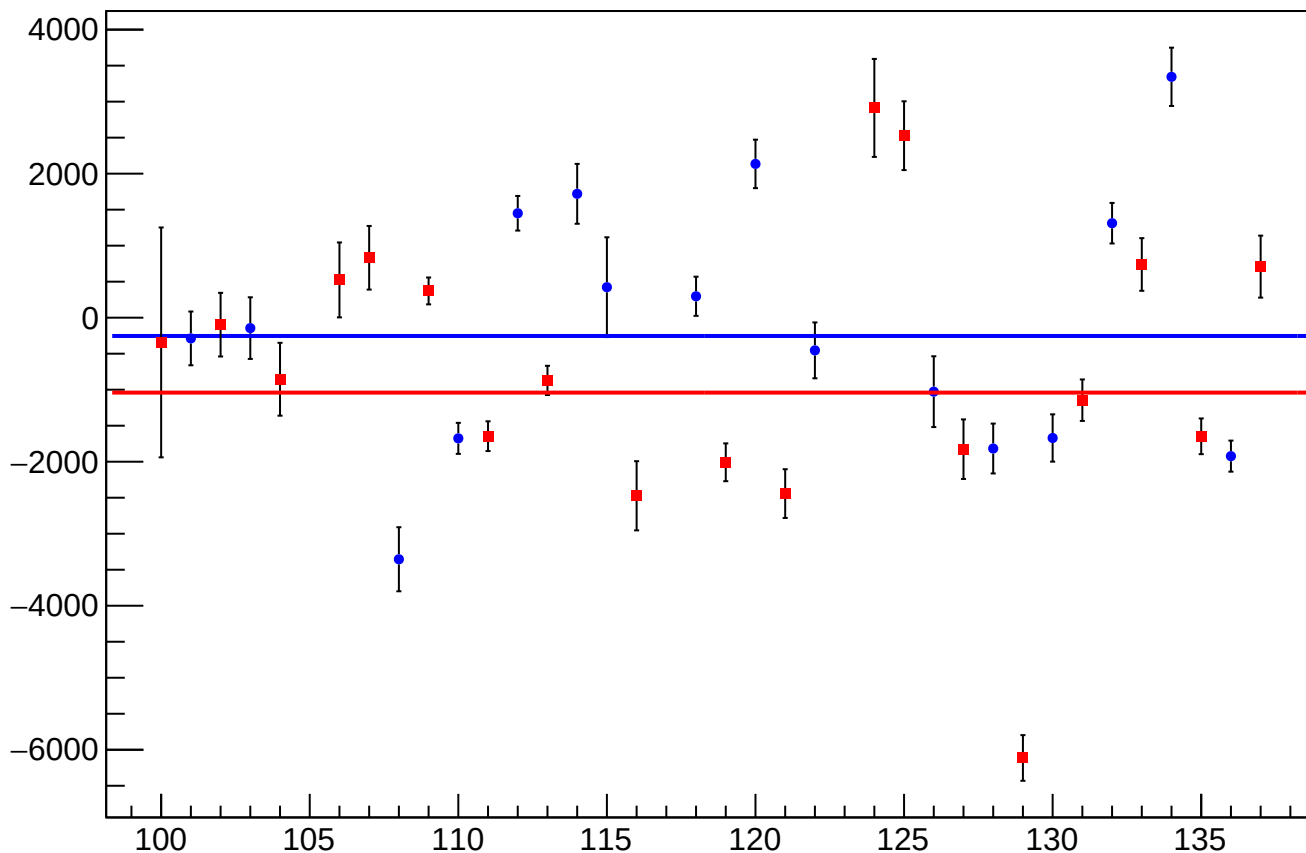
Right: 202.492+/-0.040 χ^2/NDF : 2210941.3/34

In: 211.254+/-0.058 χ^2/NDF :884363.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 202.492+/-0.040 χ^2/NDF : 2210941.3/34

asym_bpm0l06WS_mean vs Slug, Sign Corrected



Right In: -254.044 ± 80.222 χ^2/NDF : 432.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1040.361 ± 73.363 χ^2/NDF : 533.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

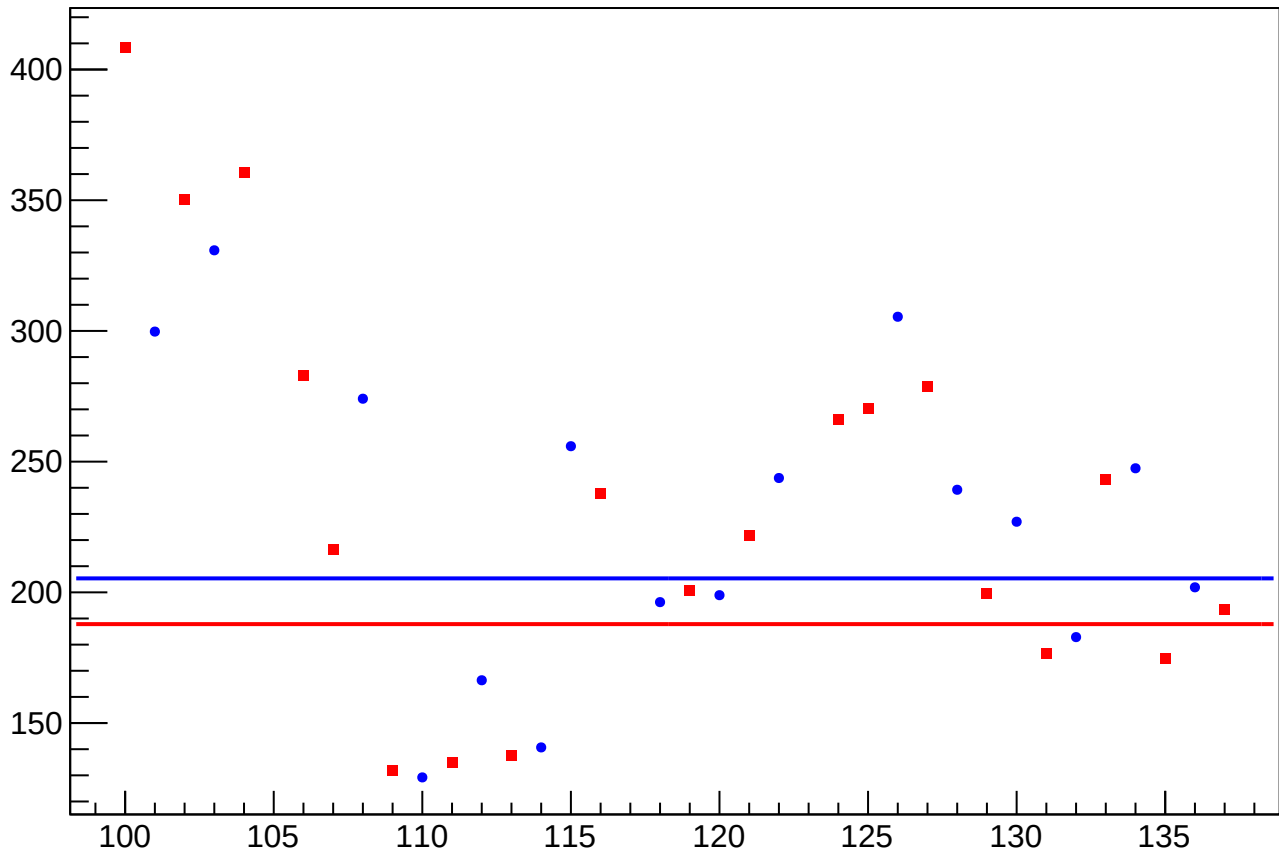
Right: -682.251 ± 54.138 χ^2/NDF : 1017.8/34

In: -254.044 ± 80.222 χ^2/NDF : 432.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -682.251 ± 54.138 χ^2/NDF : 1017.8/34

asym_bpm0l06WS_rms vs Slug, Sign Corrected



Right In: 205.341+/-0.057 χ^2/NDF : 877398.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.848+/-0.052 χ^2/NDF : 1337049.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

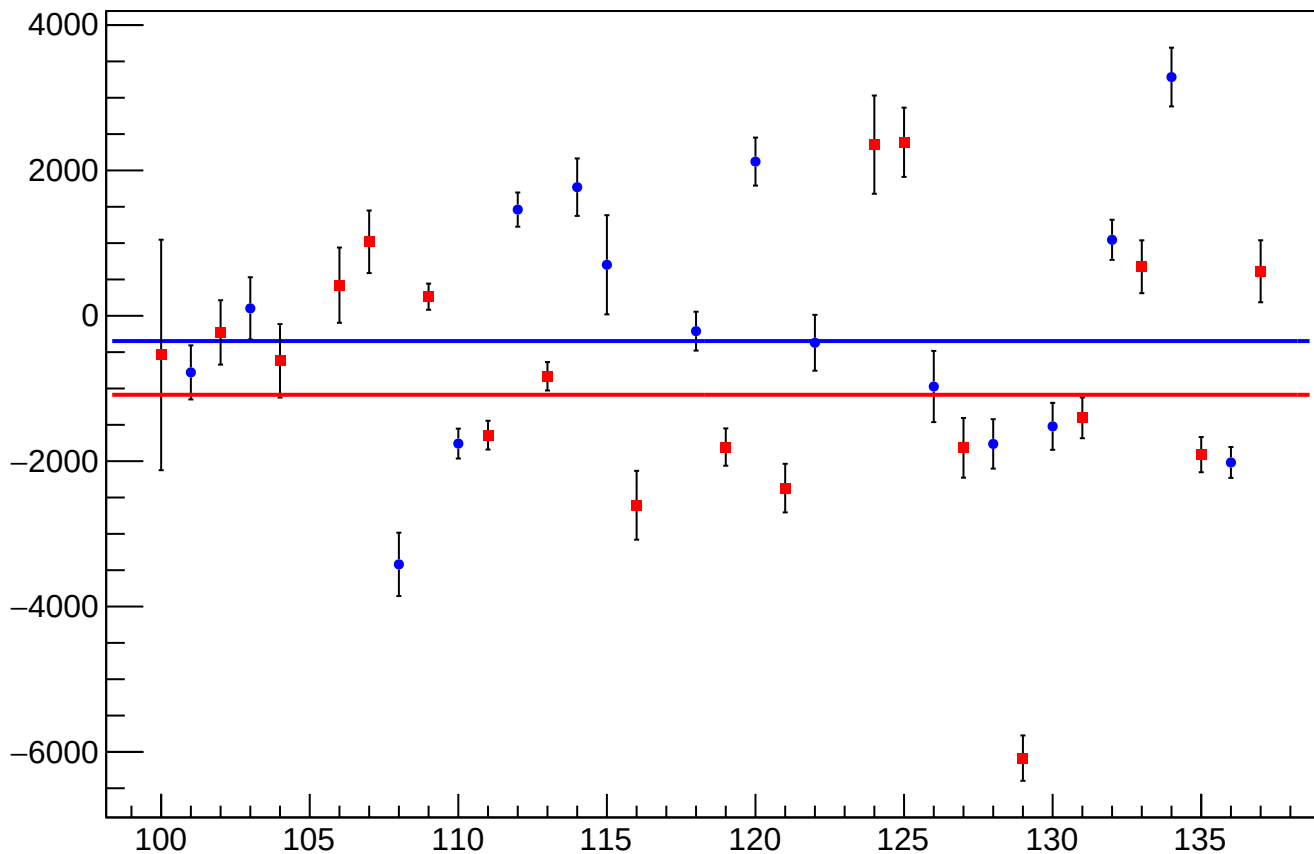
Right: 195.815+/-0.038 χ^2/NDF : 2266235.0/34

In: 205.341+/-0.057 χ^2/NDF : 877398.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.815+/-0.038 χ^2/NDF : 2266235.0/34

asym_bpm0l07WS_mean vs Slug, Sign Corrected



Right In: -347.666+/-78.567 χ^2/NDF : 445.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1086.638+/-71.539 χ^2/NDF : 527.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

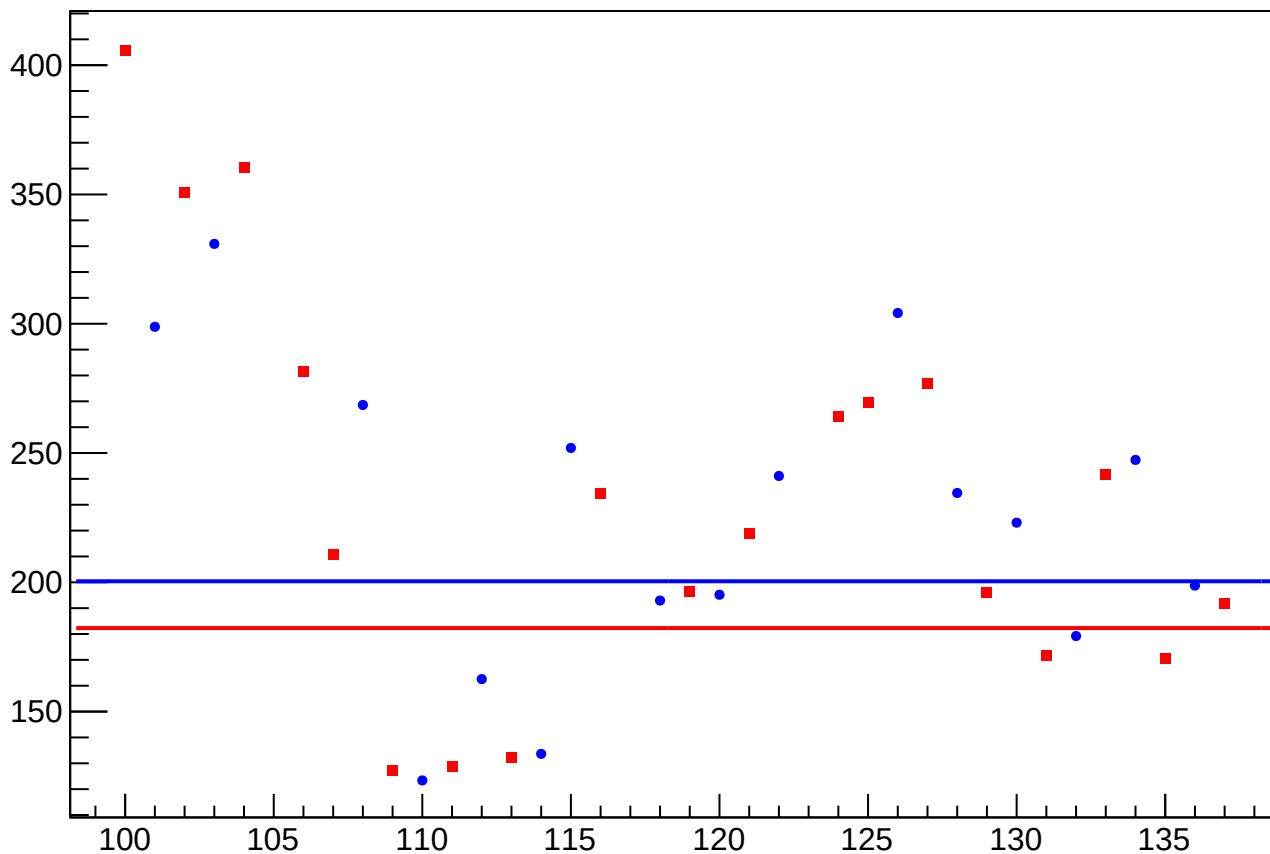
Right: -751.676+/-52.896 χ^2/NDF : 1021.4/34

In: -347.666+/-78.567 χ^2/NDF :445.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -751.676+/-52.896 χ^2/NDF : 1021.4/34

asym_bpm0l07WS_rms vs Slug, Sign Corrected



Right In: 200.399+/-0.056 χ^2/NDF : 959000.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 182.302+/-0.051 χ^2/NDF : 1447197.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

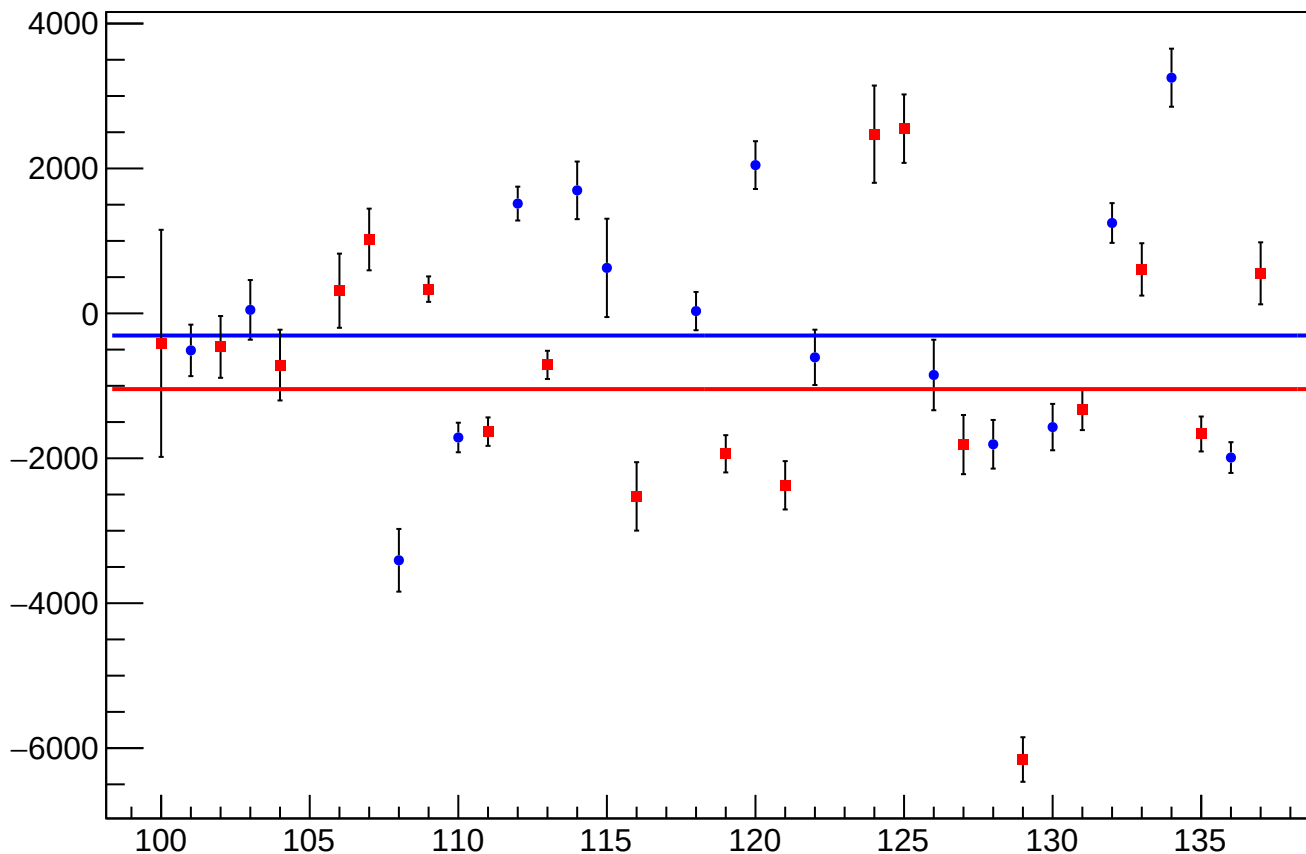
Right: 190.505+/-0.037 χ^2/NDF : 2464212.0/34

In: 200.399+/-0.056 χ^2/NDF : 959000.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.505+/-0.037 χ^2/NDF : 2464212.0/34

asym_bpm0l08WS_mean vs Slug, Sign Corrected



Right In: -305.649 ± 77.868 χ^2/NDF : 451.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1045.144 ± 70.824 χ^2/NDF : 552.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

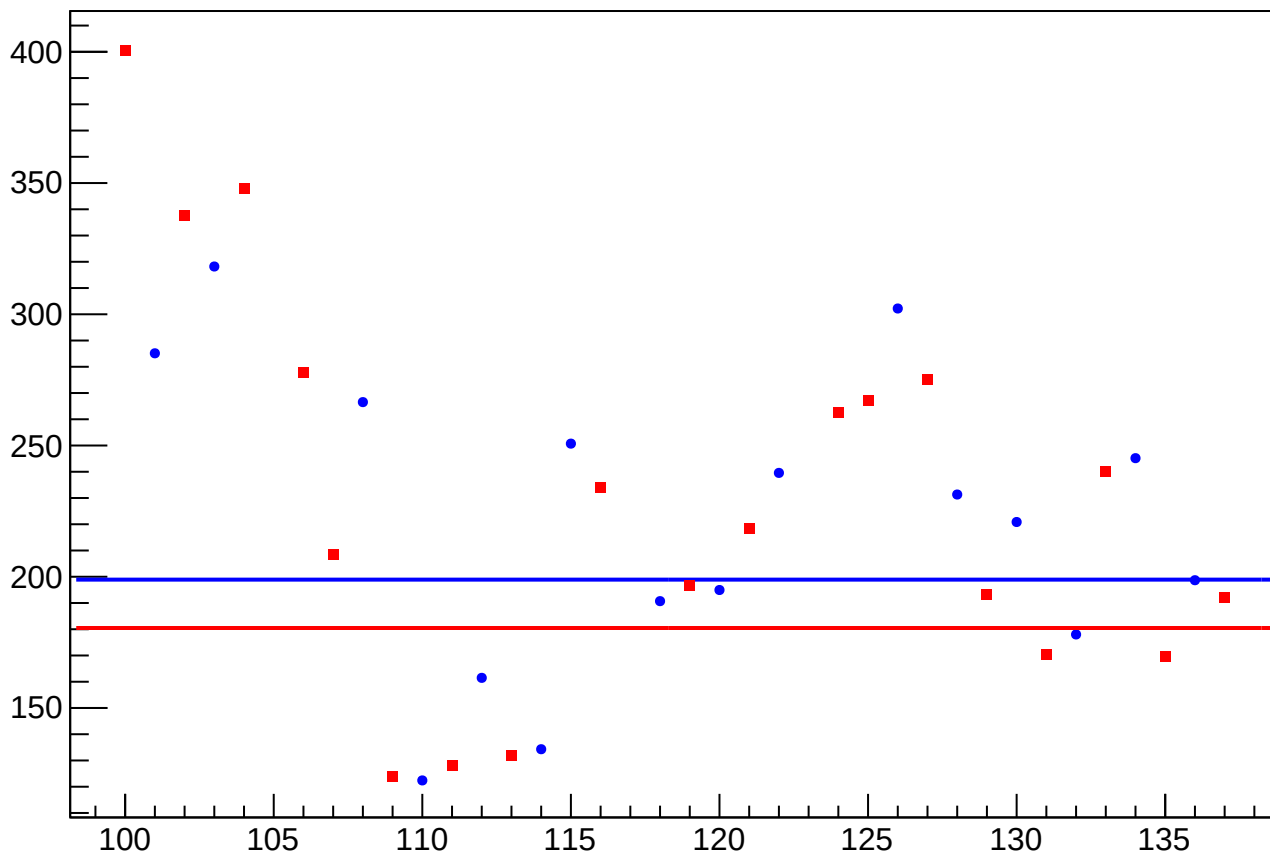
Right: -710.354 ± 52.394 χ^2/NDF : 1053.3/34

In: -305.649 ± 77.868 χ^2/NDF : 451.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -710.354 ± 52.394 χ^2/NDF : 1053.3/34

asym_bpm0l08WS_rms vs Slug, Sign Corrected



Right In: 198.903+/-0.055 χ^2/NDF : 912765.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.473+/-0.050 χ^2/NDF : 1434435.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

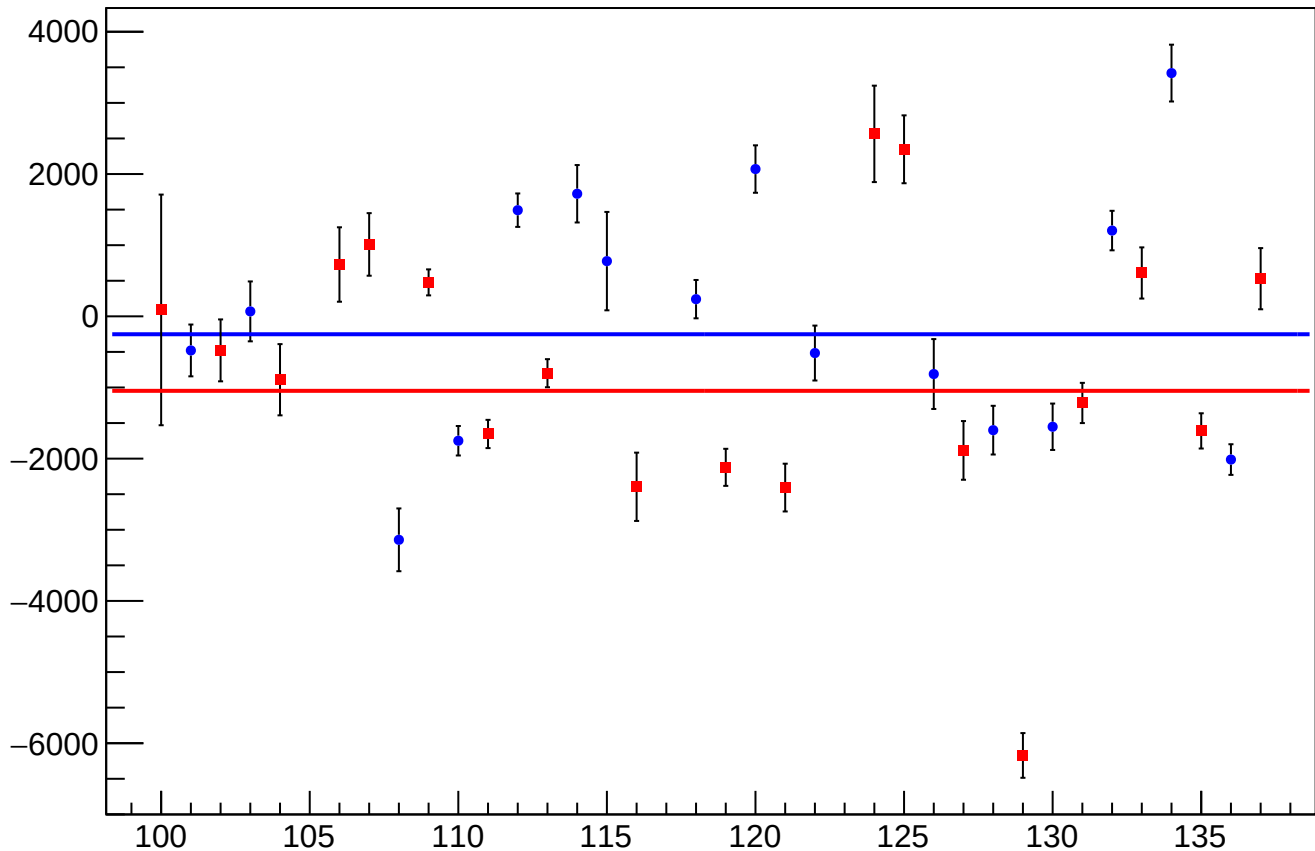
Right: 188.816+/-0.037 χ^2/NDF : 2408514.3/34

In: 198.903+/-0.055 χ^2/NDF : 912765.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.816+/-0.037 χ^2/NDF : 2408514.3/34

asym_bpm0l09WS_mean vs Slug, Sign Corrected



Right In: -251.795 ± 78.974 χ^2/NDF : 441.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1047.132 ± 72.190 χ^2/NDF : 546.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

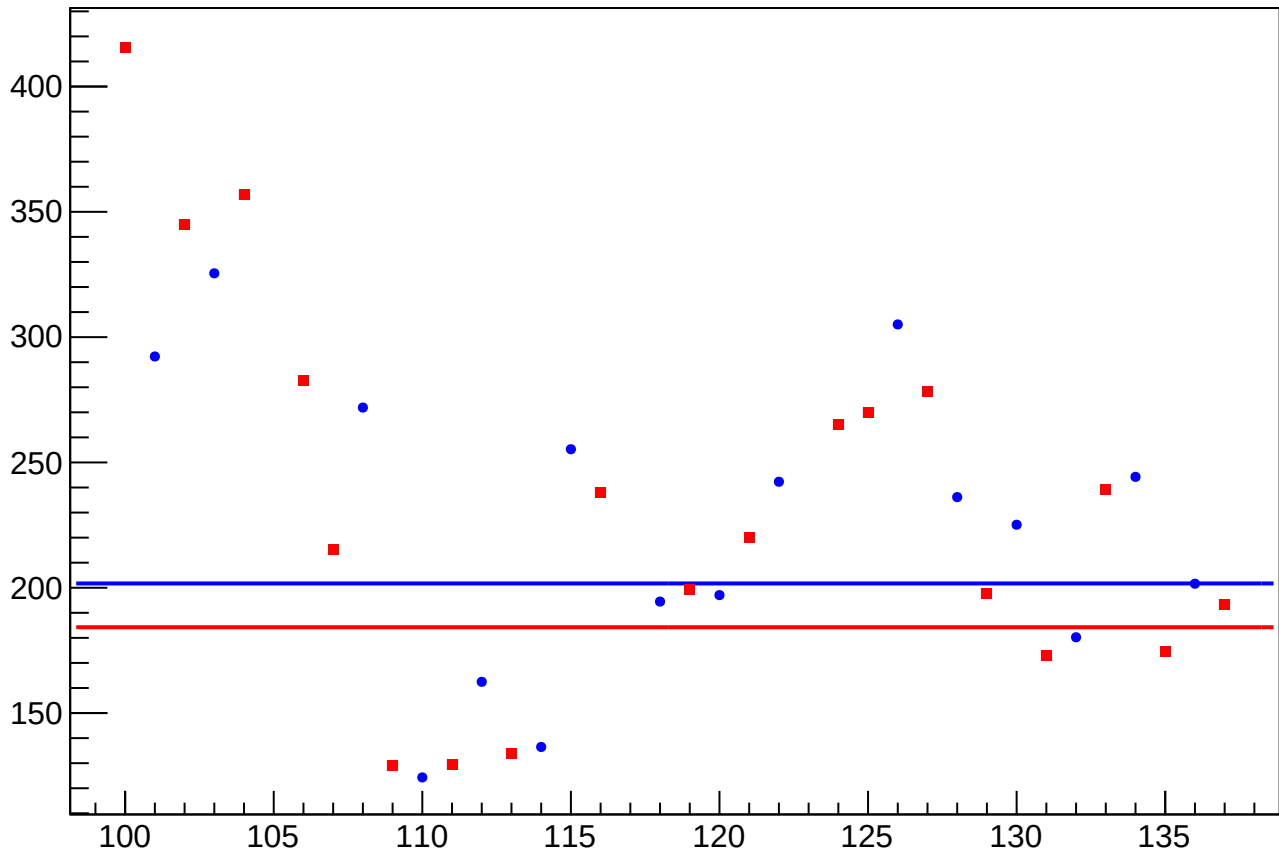
Right: -685.086 ± 53.283 χ^2/NDF : 1043.2/34

In: -251.795 ± 78.974 χ^2/NDF : 441.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -685.086 ± 53.283 χ^2/NDF : 1043.2/34

asym_bpm0l09WS_rms vs Slug, Sign Corrected



Right In: 201.714+/-0.056 χ^2/NDF : 924210.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.244+/-0.051 χ^2/NDF : 1403761.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

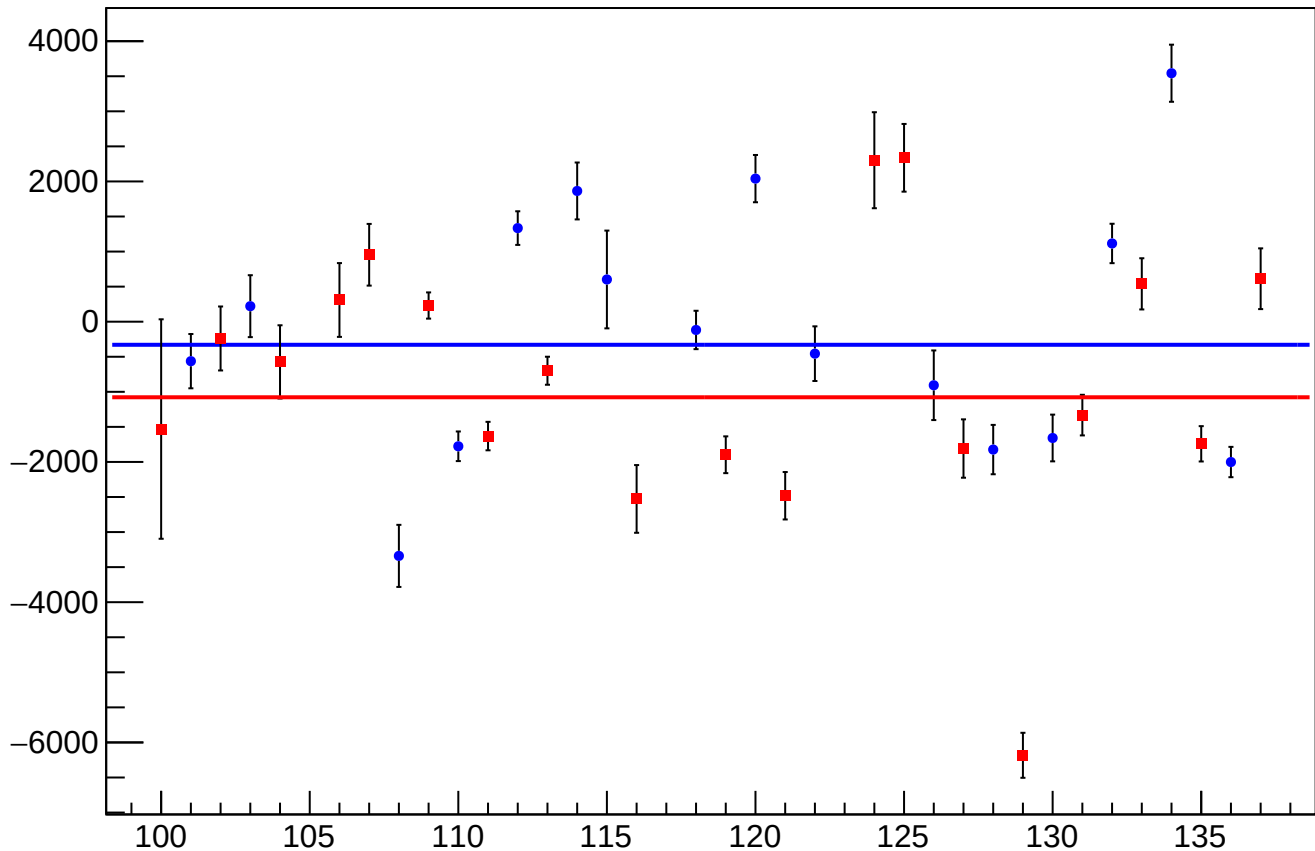
Right: 192.196+/-0.038 χ^2/NDF : 2381288.1/34

In: 201.714+/-0.056 χ^2/NDF : 924210.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.196+/-0.038 χ^2/NDF : 2381288.1/34

asym_bpm0l10WS_mean vs Slug, Sign Corrected



Right In: -329.377 ± 80.367 χ^2/NDF : 436.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1077.876 ± 73.404 χ^2/NDF : 502.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

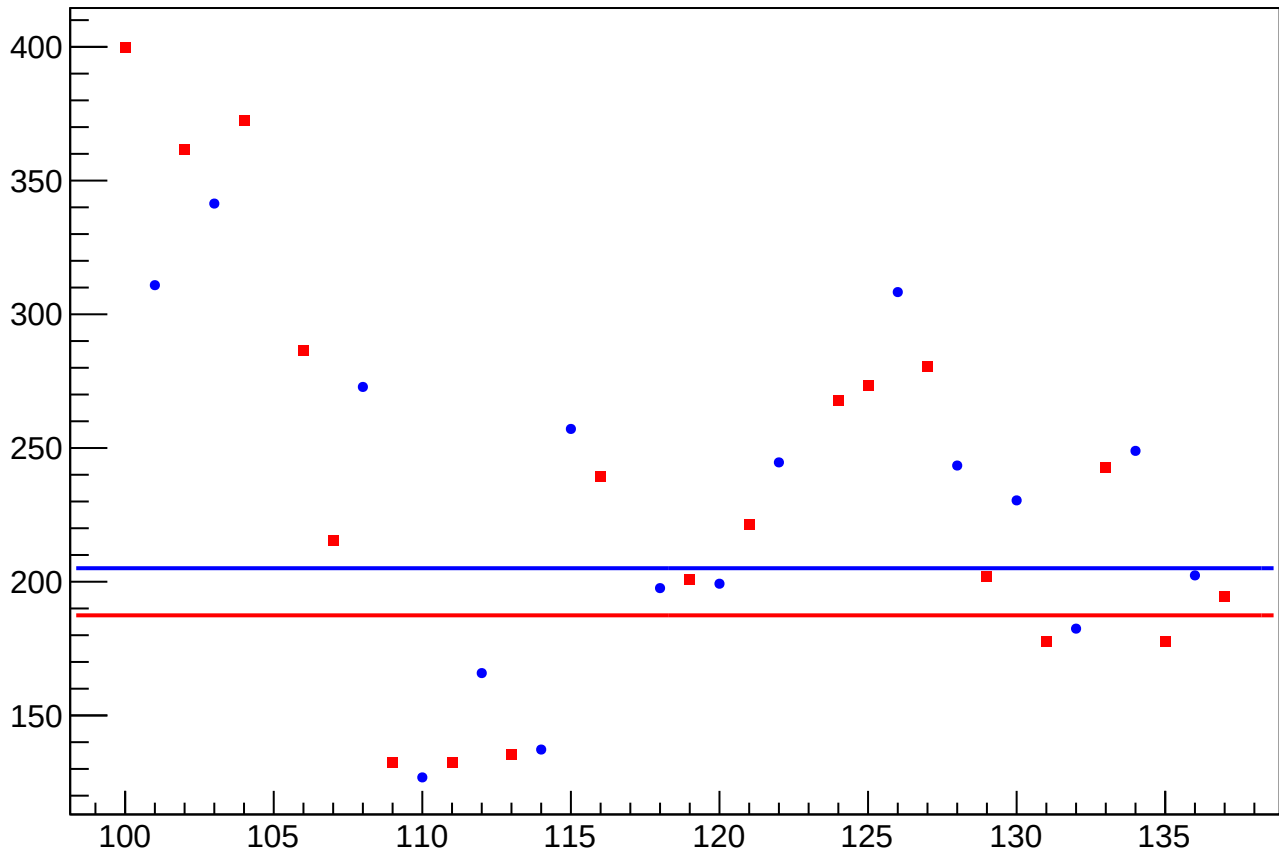
Right: -737.449 ± 54.199 χ^2/NDF : 985.7/34

In: -329.377 ± 80.367 χ^2/NDF : 436.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -737.449 ± 54.199 χ^2/NDF : 985.7/34

asym_bpm0l10WS_rms vs Slug, Sign Corrected



Right In: 205.053+/-0.057 χ^2/NDF : 963052.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.431+/-0.052 χ^2/NDF : 1410802.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

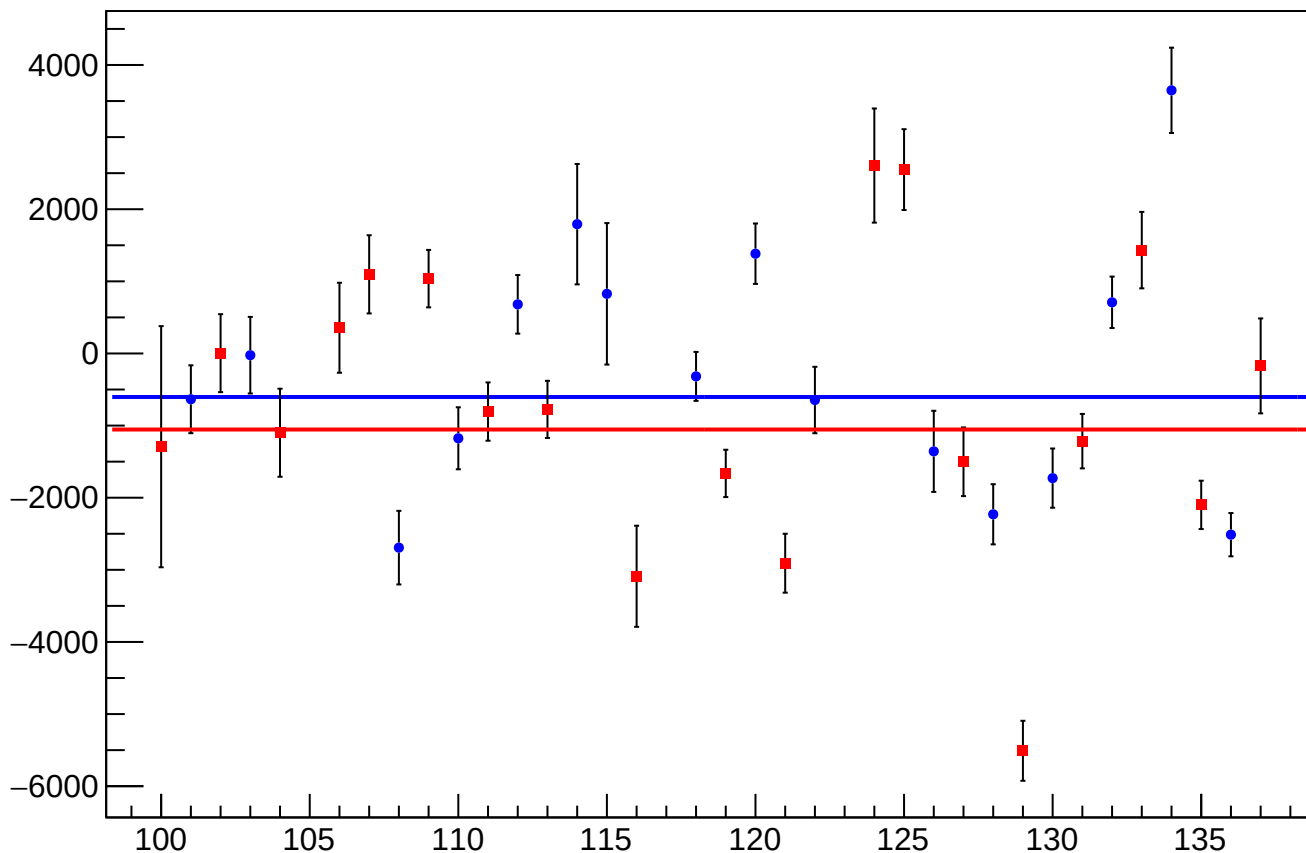
Right: 195.446+/-0.038 χ^2/NDF : 2426275.9/34

In: 205.053+/-0.057 χ^2/NDF : 963052.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.446+/-0.038 χ^2/NDF : 2426275.9/34

asym_bpm0r03WS_mean vs Slug, Sign Corrected



Right In: -603.855+/-110.693 χ^2/NDF : 193.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1054.556+/-108.264 χ^2/NDF : 297.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

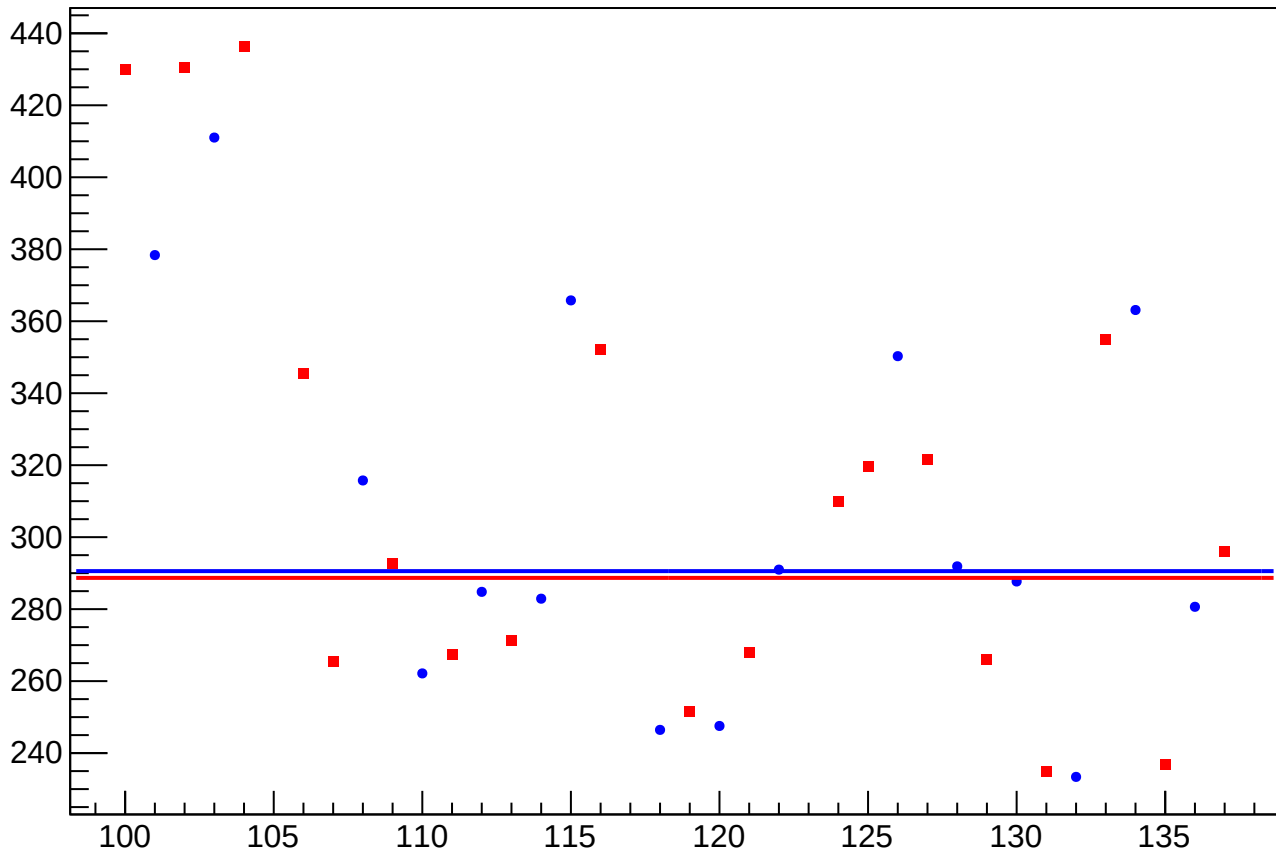
Right: -834.205+/-77.398 χ^2/NDF : 499.7/34

In: -603.855+/-110.693 χ^2/NDF : 193.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.205+/-77.398 χ^2/NDF : 499.7/34

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 290.566+/-0.078 χ^2/NDF : 359807.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.686+/-0.077 χ^2/NDF : 489094.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

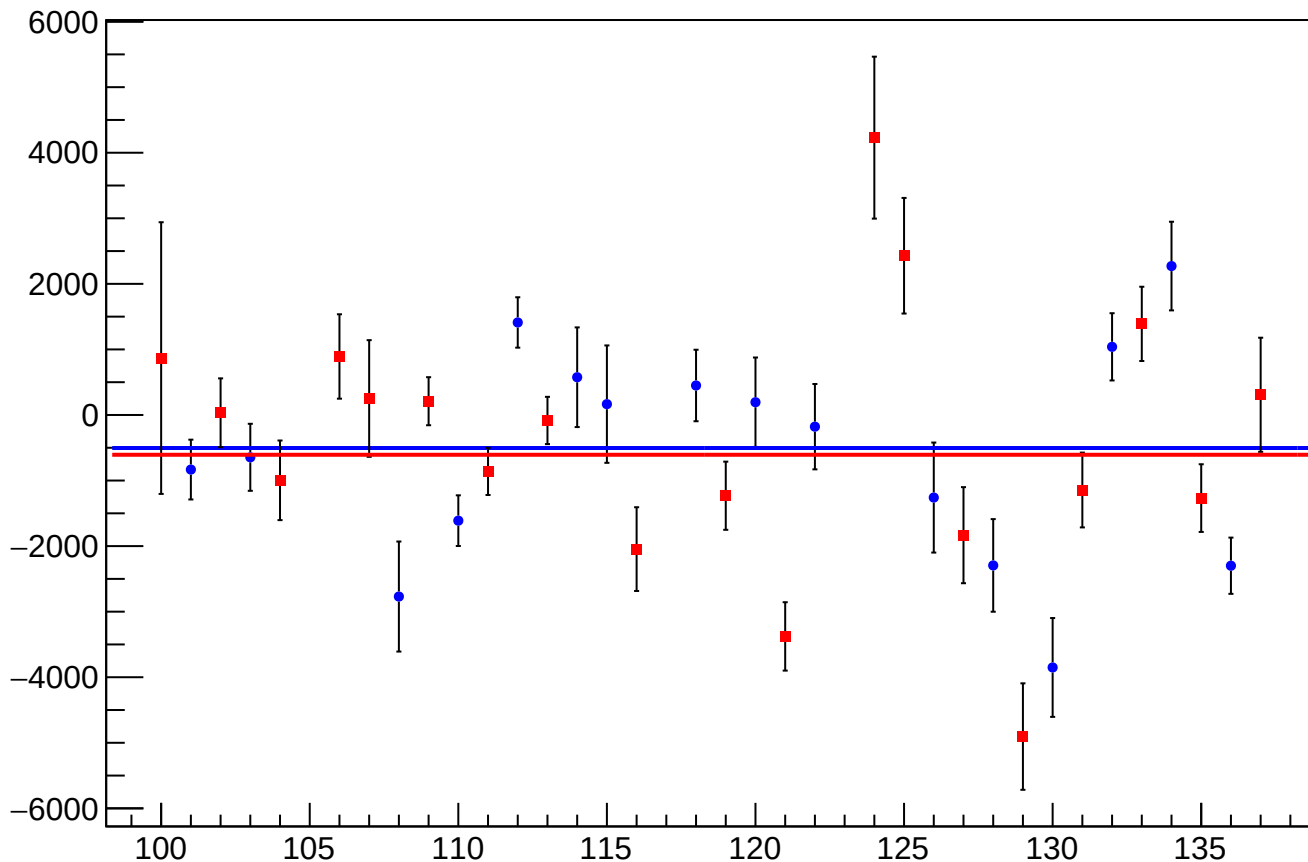
Right: 289.605+/-0.055 χ^2/NDF : 849196.8/34

In: 290.566+/-0.078 χ^2/NDF : 359807.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.605+/-0.055 χ^2/NDF : 849196.8/34

asym_bpm0r05WS_mean vs Slug, Sign Corrected



Right In: -503.675+/-140.058 χ^2 /NDF: 118.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -606.880+/-129.609 χ^2 /NDF: 125.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

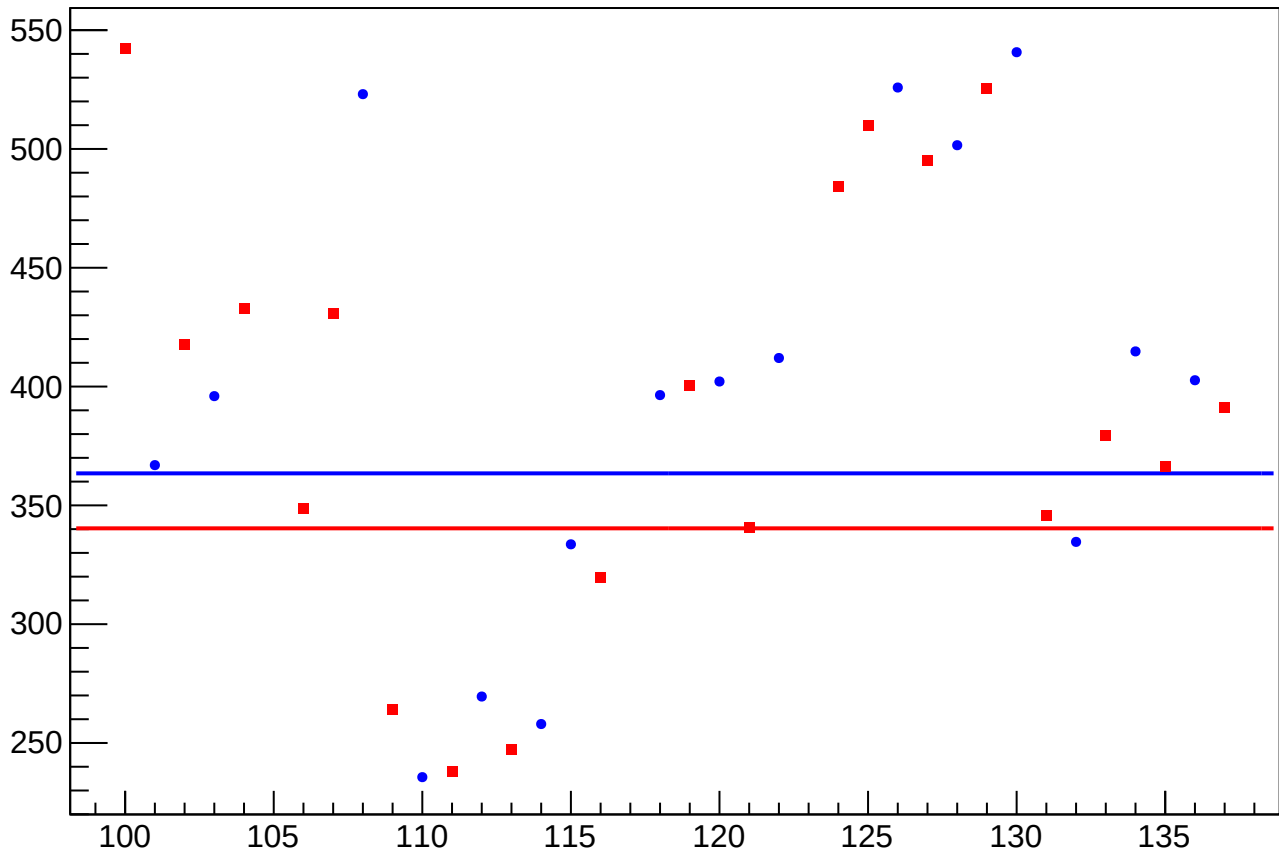
Right: -559.271+/-95.127 χ^2 /NDF: 243.7/34

In: -503.675+/-140.058 χ^2 /NDF:118.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -559.271+/-95.127 χ^2 /NDF: 243.7/34

asym_bpm0r05WS_rms vs Slug, Sign Corrected



Right In: 363.471 ± 0.099 χ^2/NDF : 780893.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 340.332 ± 0.092 χ^2/NDF : 856230.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

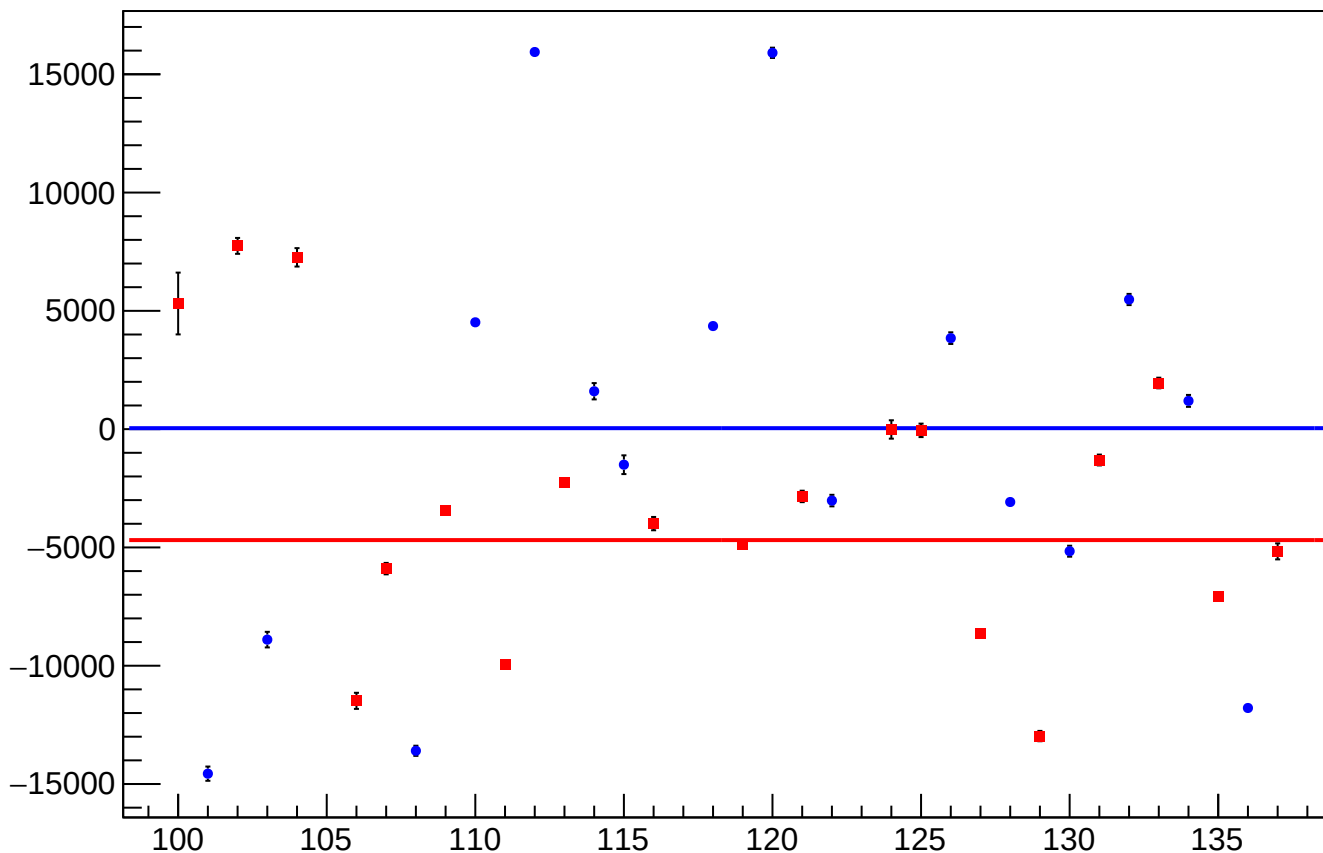
Right: 351.006 ± 0.067 χ^2/NDF : 1666529.8/34

In: 363.471 ± 0.099 χ^2/NDF : 780893.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 351.006 ± 0.067 χ^2/NDF : 1666529.8/34

asym_bpm0i02WS_mean vs Slug, Sign Corrected



Right In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4689.710+/-52.095 χ^2/NDF : 7795.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

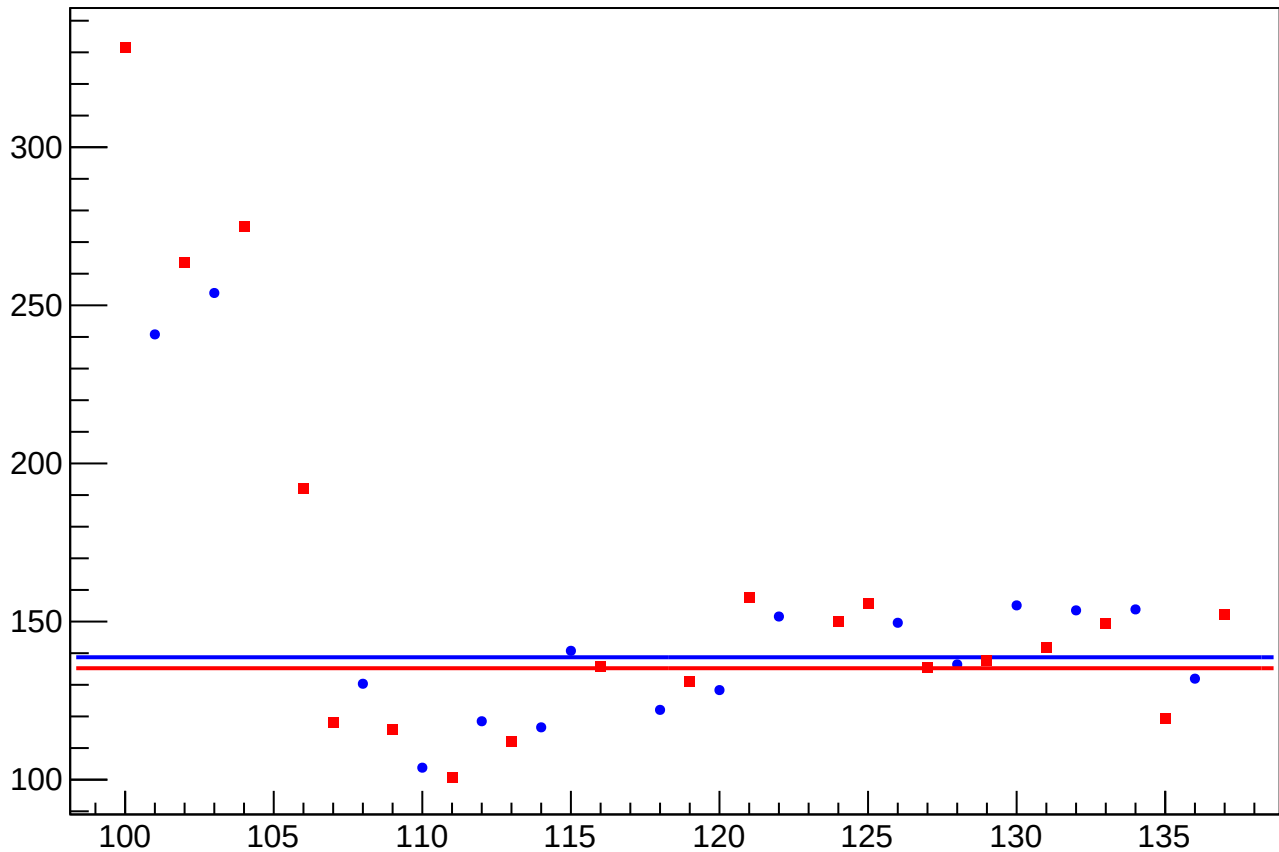
Right: -2417.983+/-37.558 χ^2/NDF : 42541.9/34

In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2417.983+/-37.558 χ^2/NDF : 42541.9/34

asym_bpm0i02WS_rms vs Slug, Sign Corrected



Right In: 138.712 $\pm$ 0.038 χ^2 /NDF: 657791.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 135.245 $\pm$ 0.037 χ^2 /NDF: 890024.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

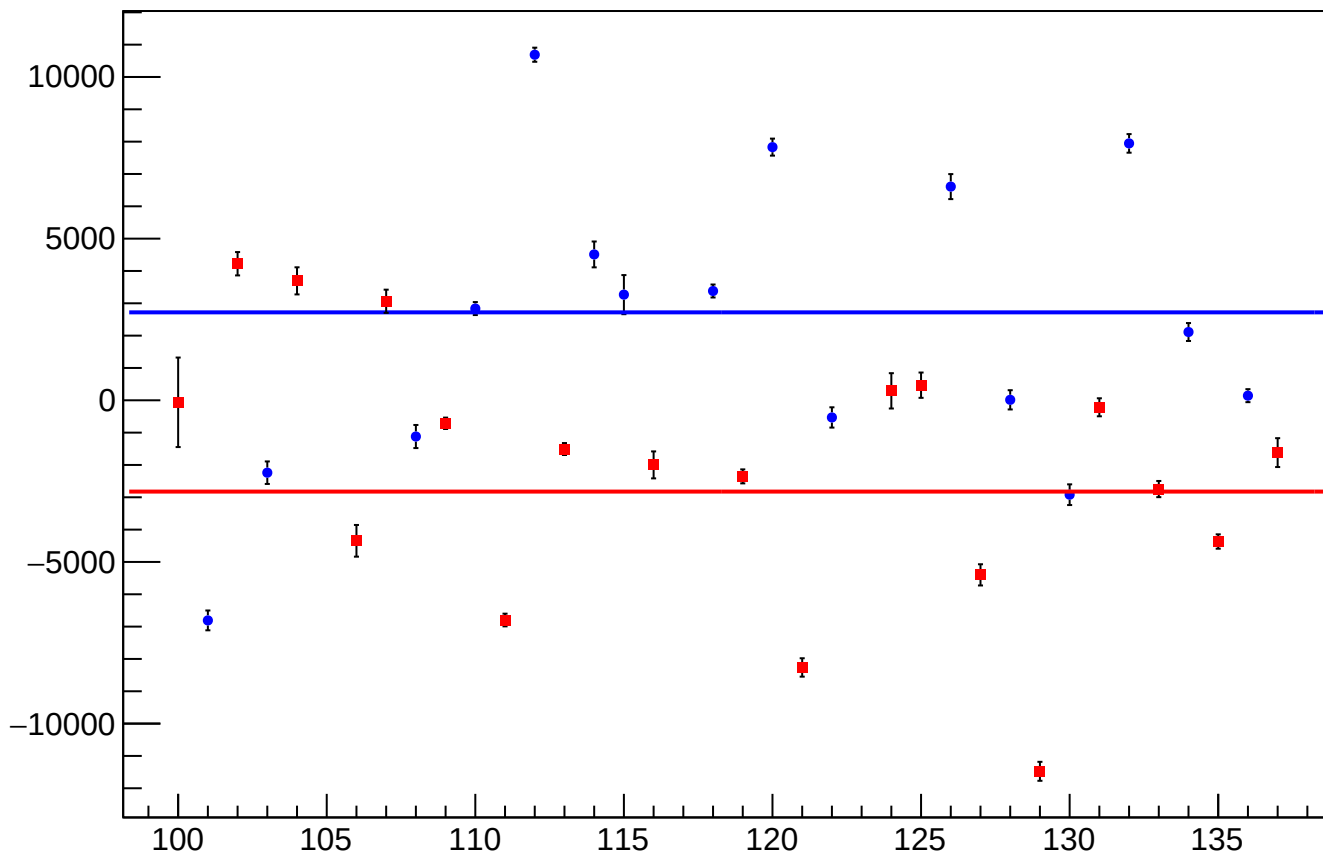
Right: 136.910 $\pm$ 0.027 χ^2 /NDF: 1552069.4/34

In: 138.712 $\pm$ 0.038 χ^2 /NDF:657791.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.910 $\pm$ 0.027 χ^2 /NDF: 1552069.4/34

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2719.896+/-69.247 χ^2/NDF : 4129.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2823.679+/-64.850 χ^2/NDF : 3062.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

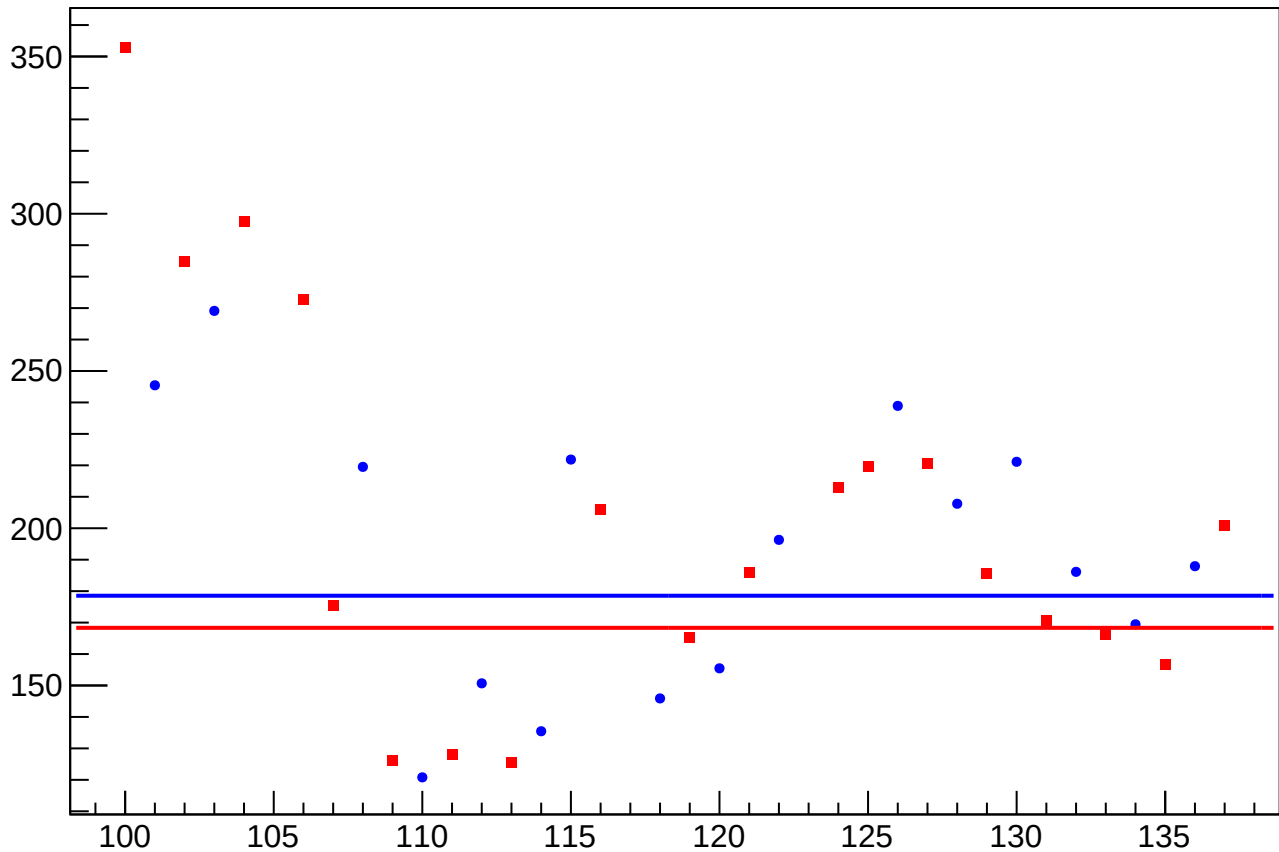
Right: -233.460+/-47.334 χ^2/NDF : 10606.3/34

In: 2719.896+/-69.247 χ^2/NDF :4129.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -233.460+/-47.334 χ^2/NDF : 10606.3/34

asym_bpm0i02aWS_rms vs Slug, Sign Corrected



Right In: 178.541+/-0.049 χ^2/NDF : 674566.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 168.335+/-0.046 χ^2/NDF : 979485.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

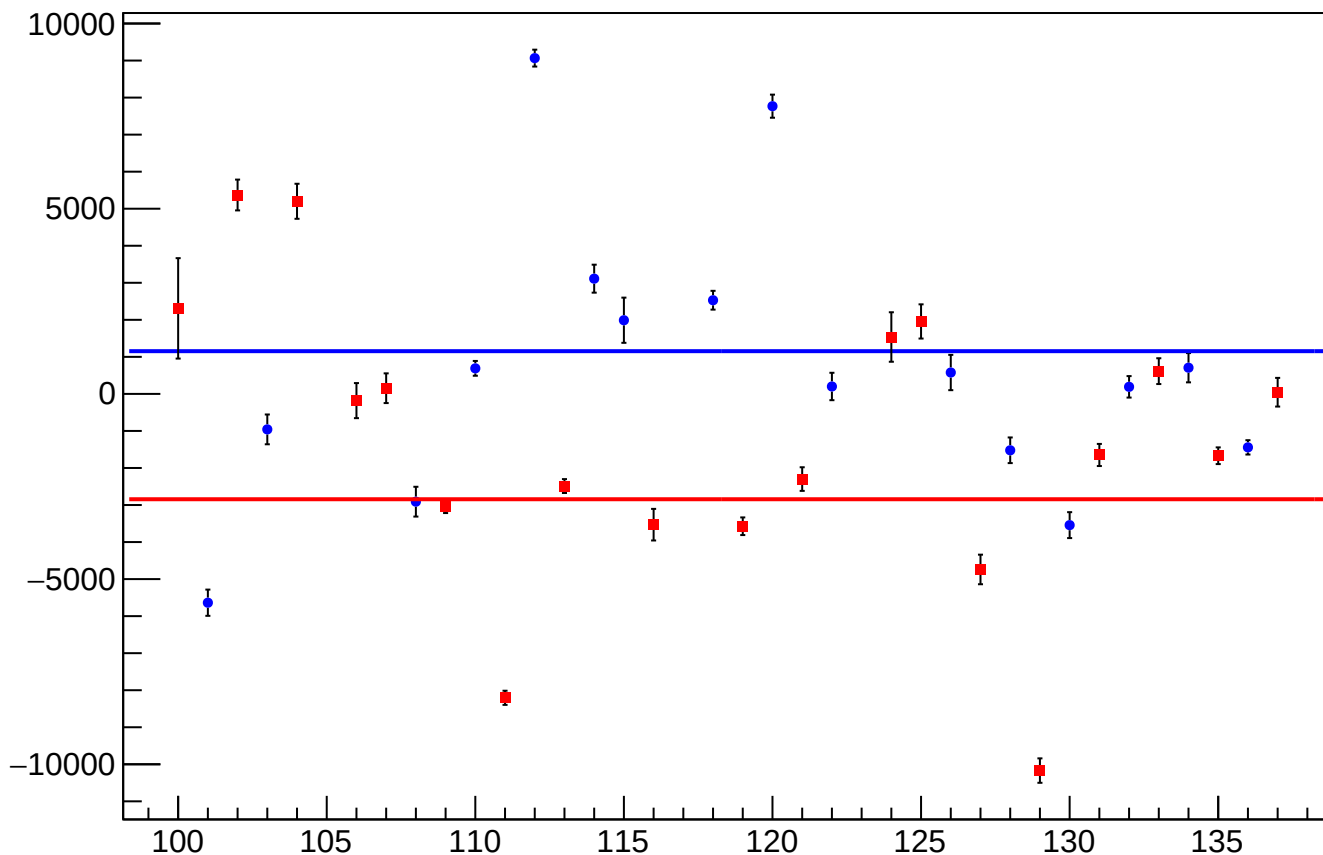
Right: 173.104+/-0.033 χ^2/NDF : 1677198.9/34

In: 178.541+/-0.049 χ^2/NDF : 674566.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.104+/-0.033 χ^2/NDF : 1677198.9/34

asym_bpm0i05WS_mean vs Slug, Sign Corrected



Right In: 1153.823+/-75.957 χ^2/NDF : 2655.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2843.895+/-69.139 χ^2/NDF : 2453.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

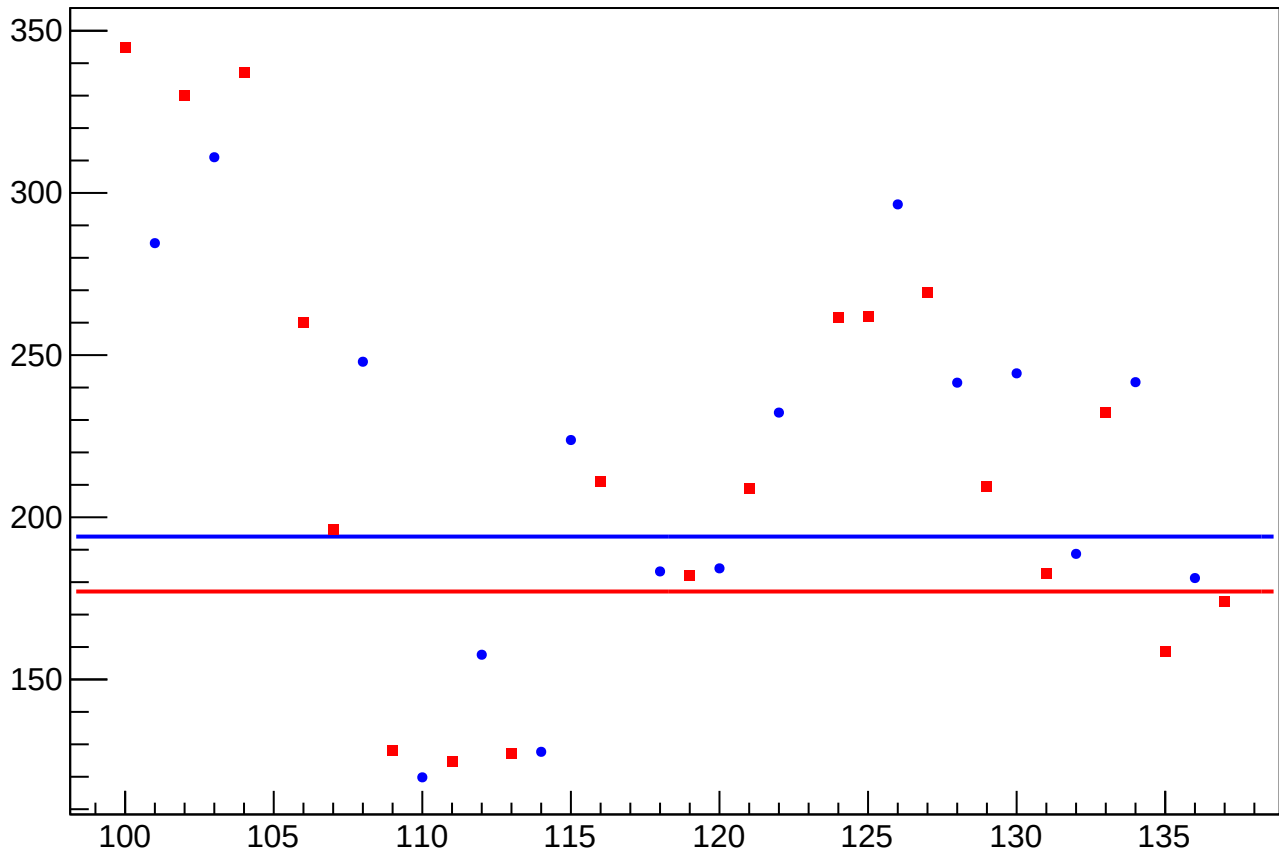
Right: -1032.468+/-51.129 χ^2/NDF : 6623.4/34

In: 1153.823+/-75.957 χ^2/NDF :2655.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1032.468+/-51.129 χ^2/NDF : 6623.4/34

asym_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 194.053+/-0.054 χ^2/NDF : 965786.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.115+/-0.049 χ^2/NDF : 1359345.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

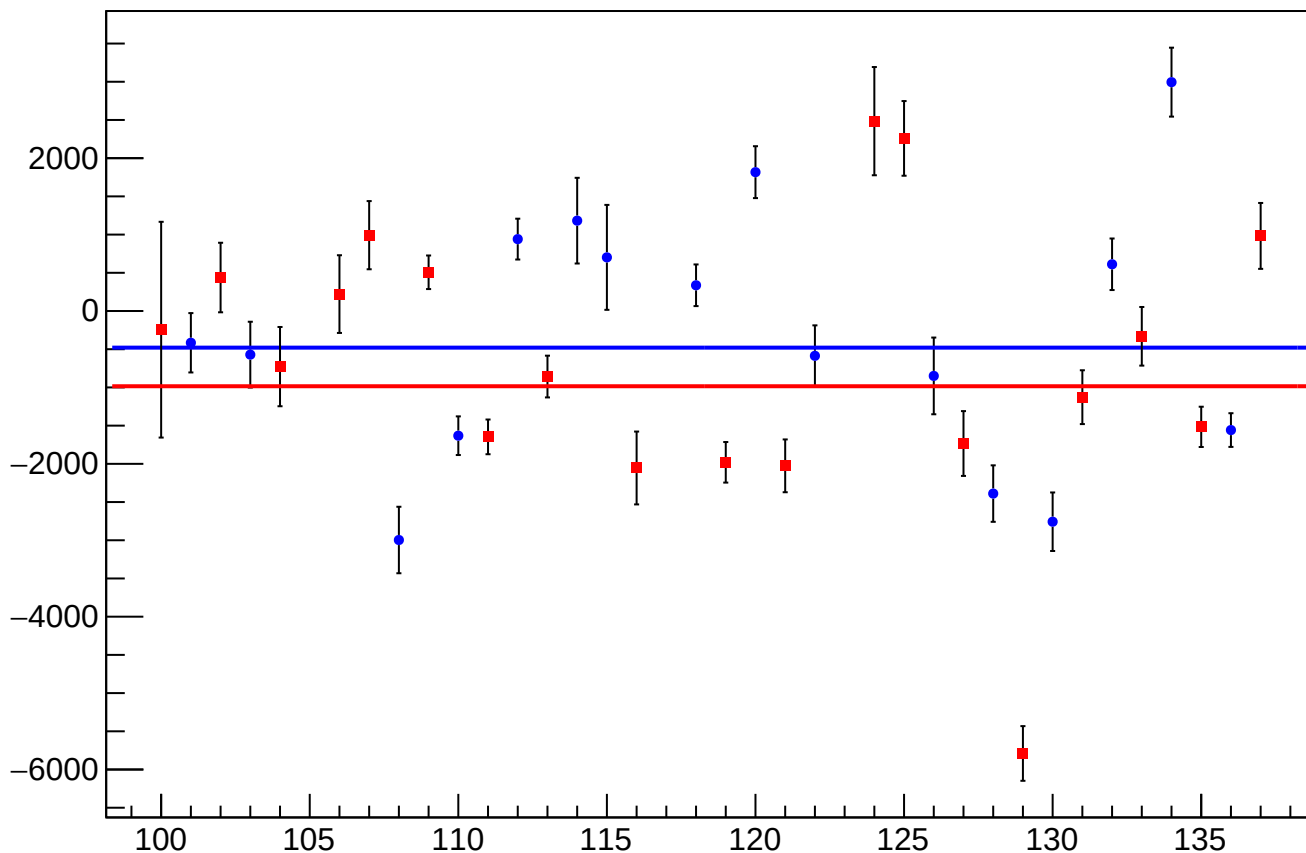
Right: 184.790+/-0.036 χ^2/NDF : 2379520.9/34

In: 194.053+/-0.054 χ^2/NDF : 965786.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.790+/-0.036 χ^2/NDF : 2379520.9/34

asym_bpm0i07WS_mean vs Slug, Sign Corrected



Right In: -479.302+/-86.685 χ^2/NDF : 305.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -984.498+/-80.945 χ^2/NDF : 398.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

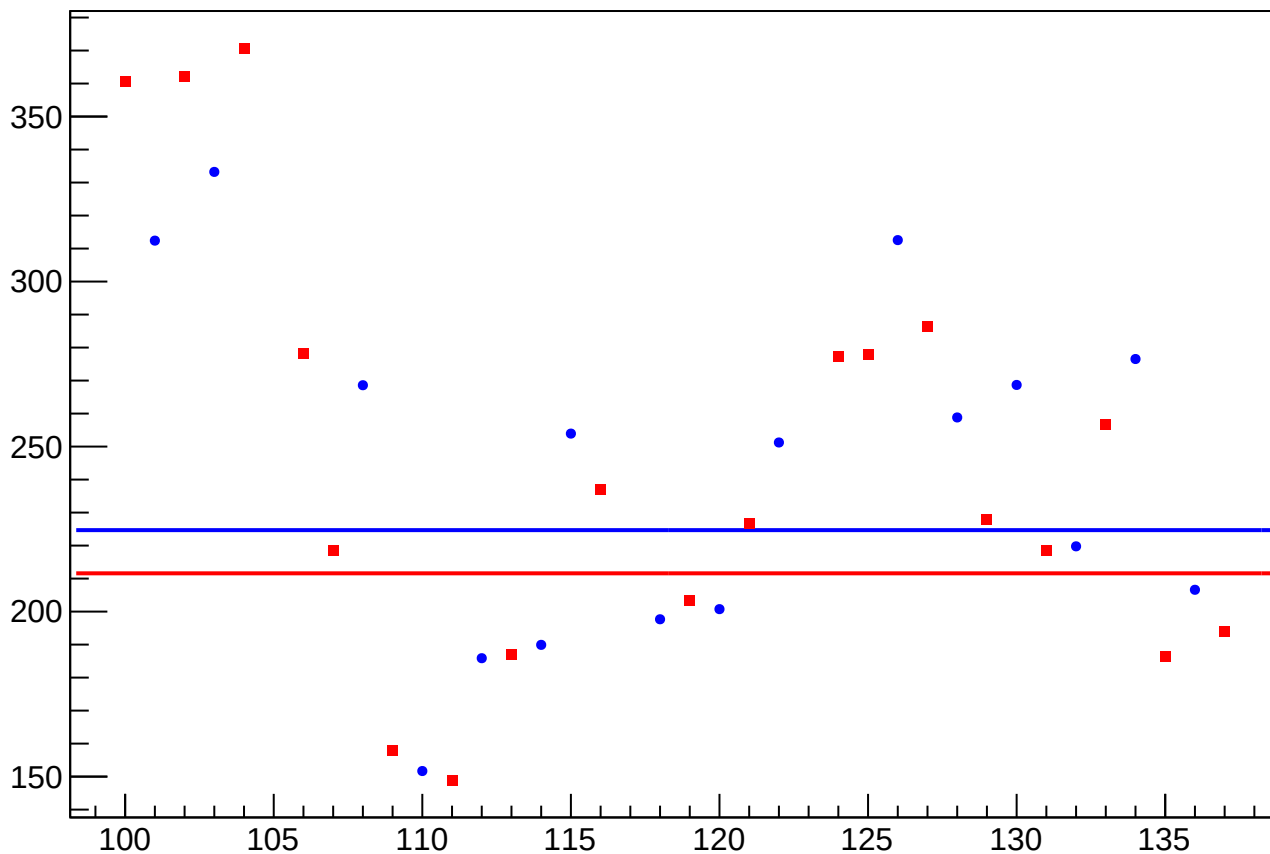
Right: -749.177+/-59.162 χ^2/NDF : 721.7/34

In: -479.302+/-86.685 χ^2/NDF :305.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -749.177+/-59.162 χ^2/NDF : 721.7/34

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.683+/-0.061 χ^2/NDF : 653193.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.595+/-0.057 χ^2/NDF : 932902.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

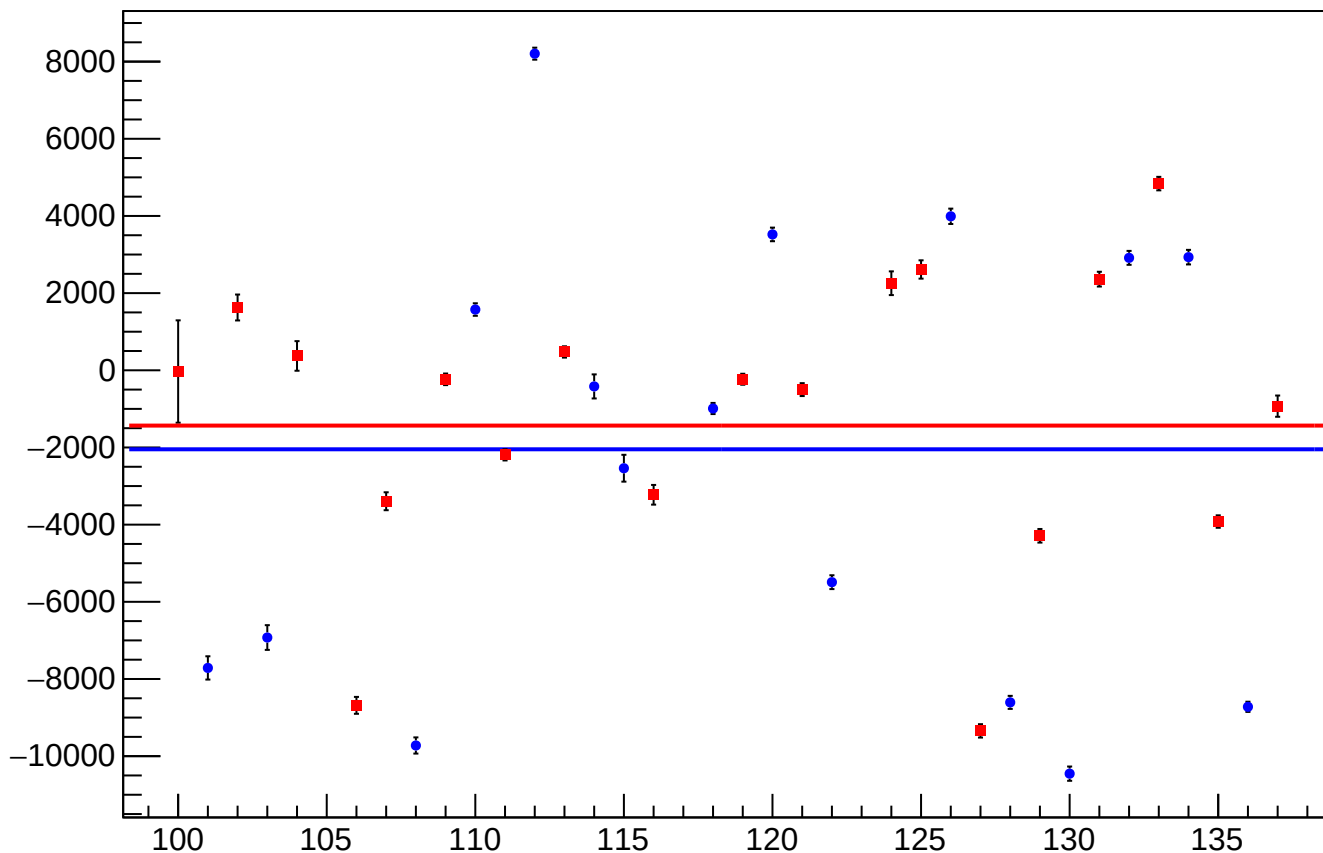
Right: 217.691+/-0.042 χ^2/NDF : 1610450.2/34

In: 224.683+/-0.061 χ^2/NDF : 653193.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 217.691+/-0.042 χ^2/NDF : 1610450.2/34

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2047.267 ± 46.722 $\chi^2/\text{NDF}: 16709.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1432.909 ± 44.729 $\chi^2/\text{NDF}: 6387.8/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

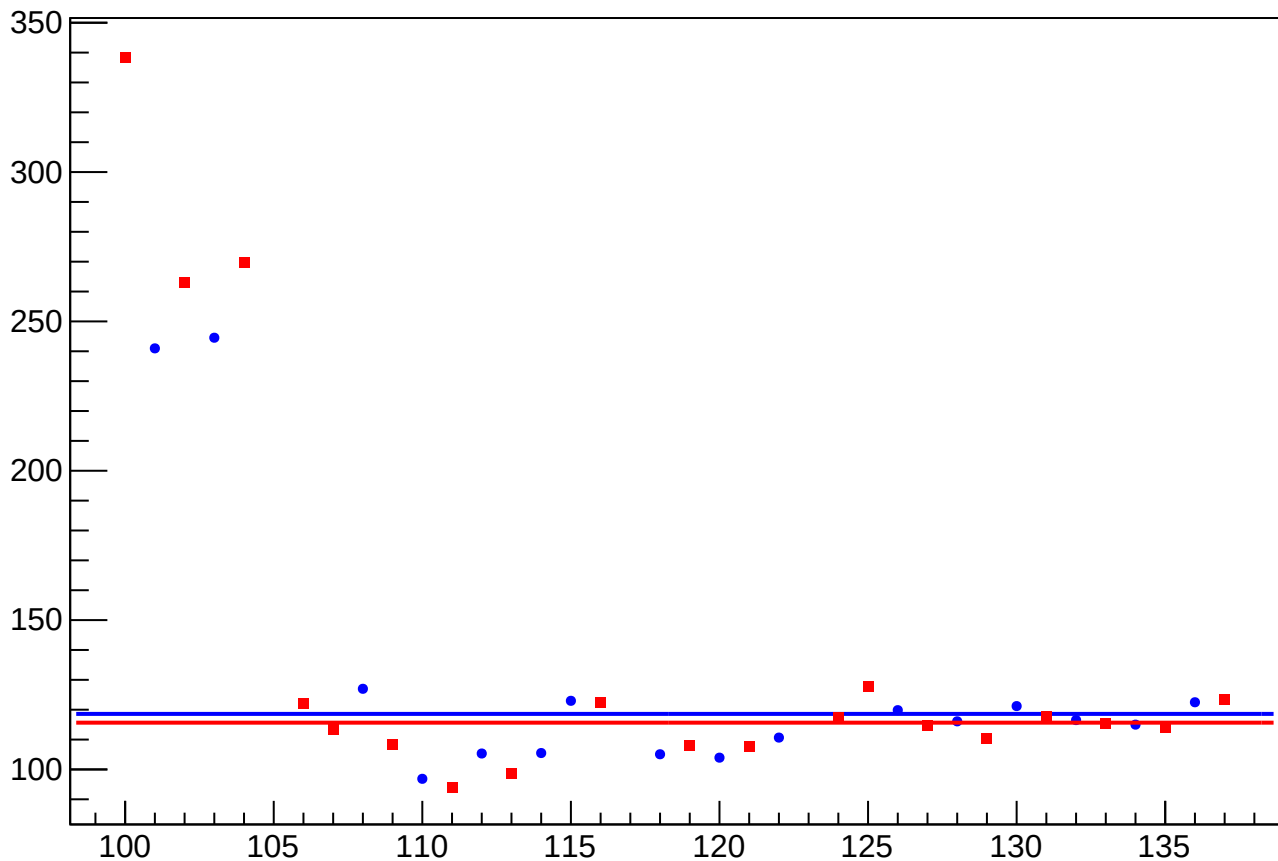
Right: -1726.707 ± 32.310 $\chi^2/\text{NDF}: 23187.1/34$

In: -2047.267 ± 46.722 $\chi^2/\text{NDF}: 16709.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1726.707 ± 32.310 $\chi^2/\text{NDF}: 23187.1/34$

asym_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 118.596 $\pm$ 0.033 χ^2 /NDF: 734158.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.660 $\pm$ 0.032 χ^2 /NDF: 864206.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

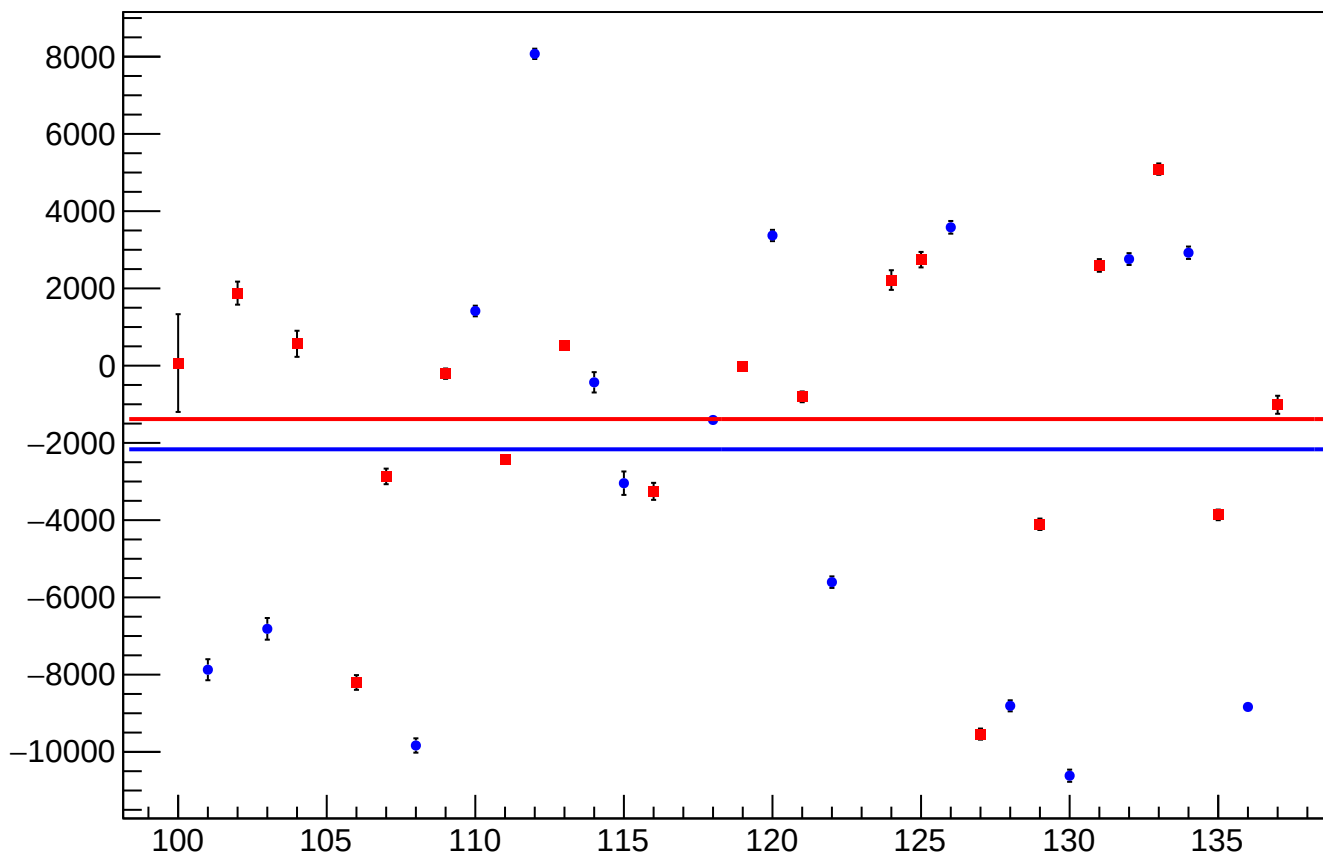
Right: 117.064 $\pm$ 0.023 χ^2 /NDF: 1602486.6/34

In: 118.596 $\pm$ 0.033 χ^2 /NDF:734158.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.064 $\pm$ 0.023 χ^2 /NDF: 1602486.6/34

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2165.877+/-39.632 χ^2/NDF : 22874.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1383.103+/-37.976 χ^2/NDF : 9148.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

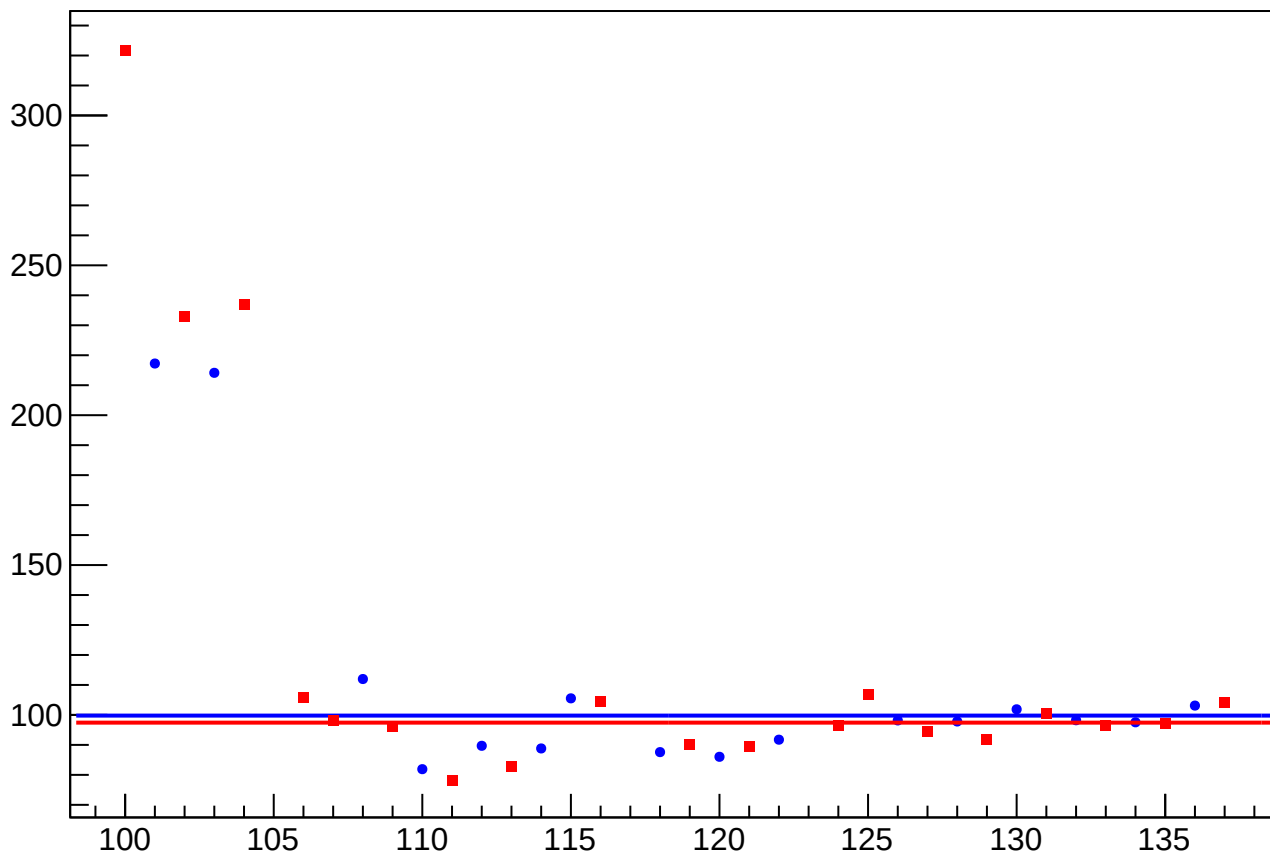
Right: -1757.793+/-27.420 χ^2/NDF : 32226.8/34

In: -2165.877+/-39.632 χ^2/NDF : 22874.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1757.793+/-27.420 χ^2/NDF : 32226.8/34

asym_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 99.775+/-0.028 χ^2/NDF : 809152.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.428+/-0.027 χ^2/NDF : 926047.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

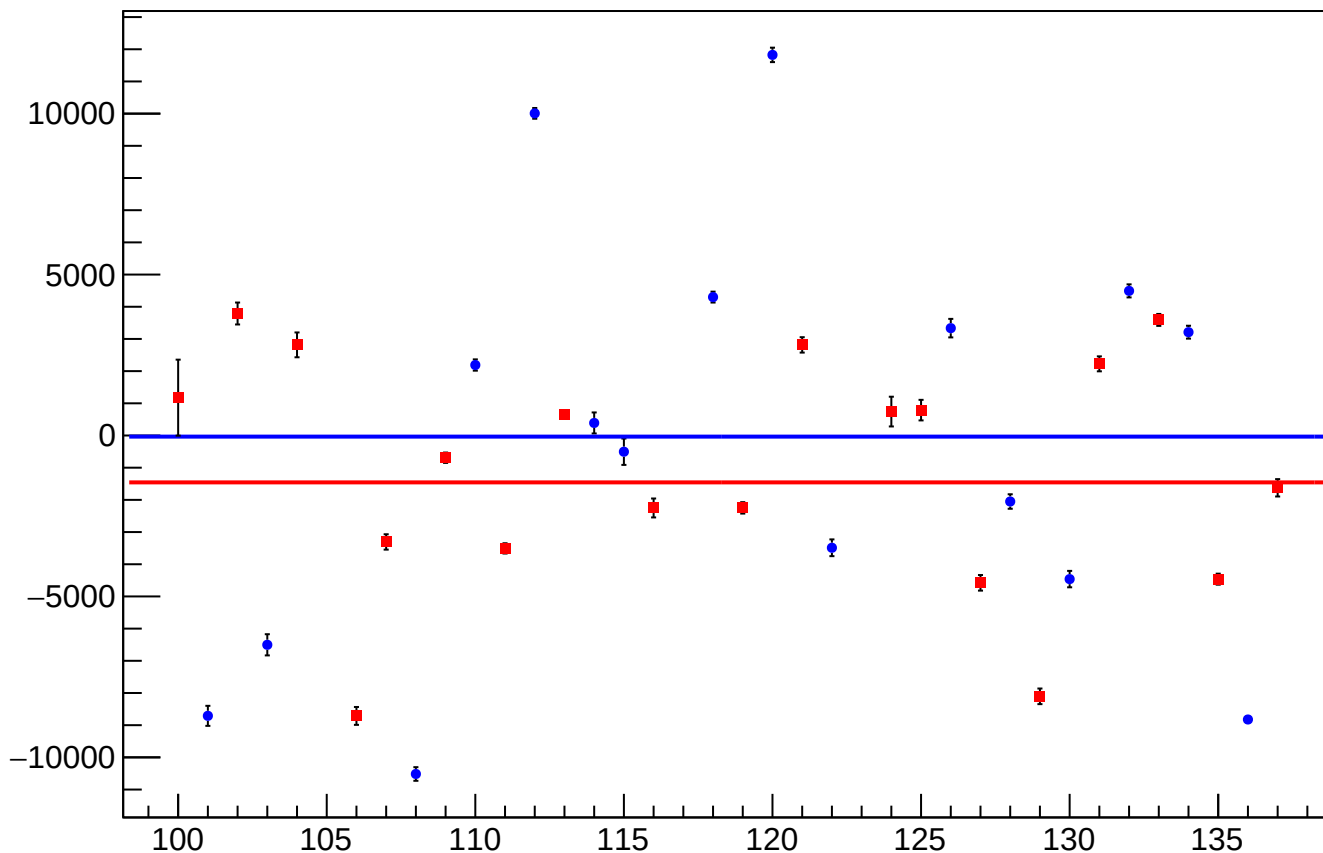
Right: 98.551+/-0.019 χ^2/NDF : 1738857.3/34

In: 99.775+/-0.028 χ^2/NDF : 809152.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.551+/-0.019 χ^2/NDF : 1738857.3/34

asym_bpm1i06WS_mean vs Slug, Sign Corrected



Right In: -34.667 ± 53.465 χ^2/NDF : 16802.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1456.665 ± 51.946 χ^2/NDF : 4117.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

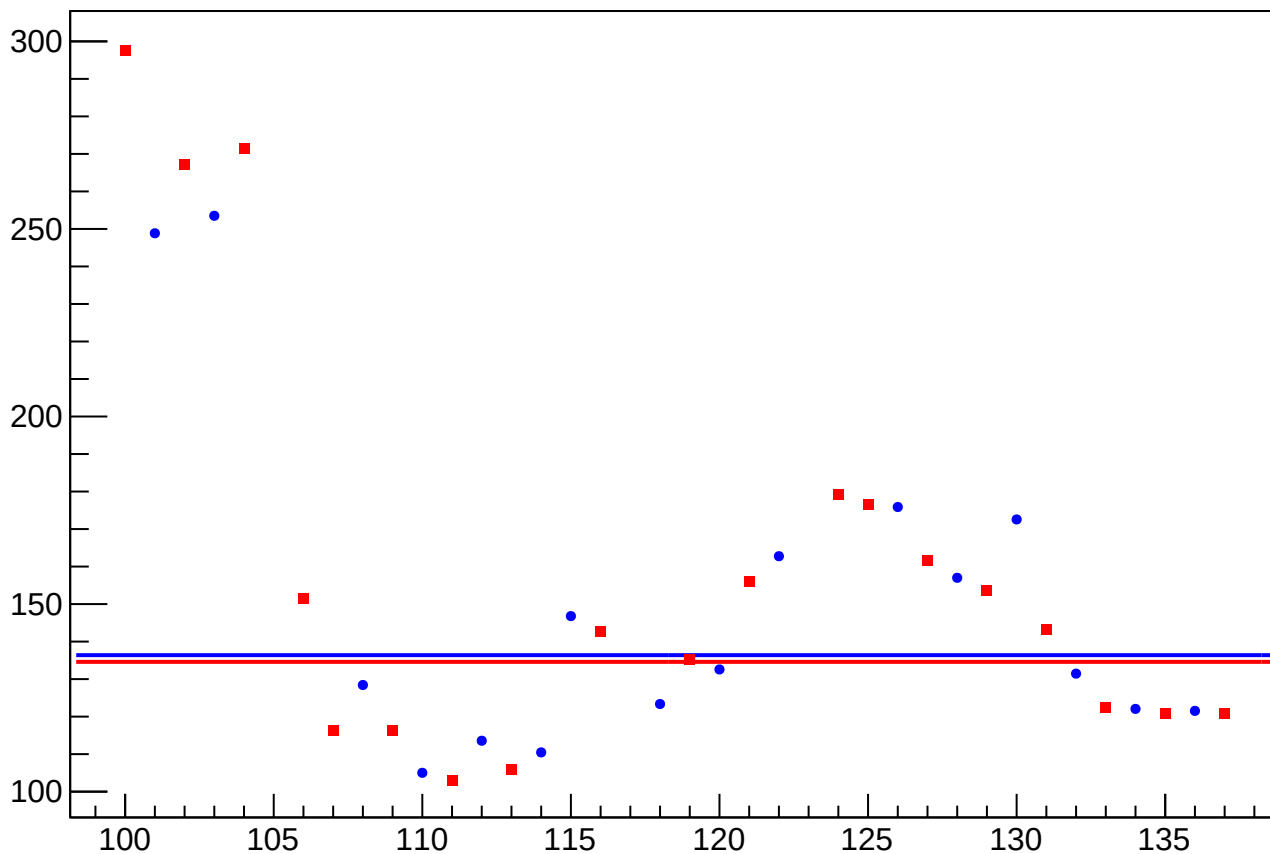
Right: -766.160 ± 37.257 χ^2/NDF : 21283.7/34

In: -34.667 ± 53.465 χ^2/NDF : 16802.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -766.160 ± 37.257 χ^2/NDF : 21283.7/34

asym_bpm1i06WS_rms vs Slug, Sign Corrected



Right In: 136.383+/-0.038 χ^2/NDF : 796855.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.598+/-0.037 χ^2/NDF : 919605.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

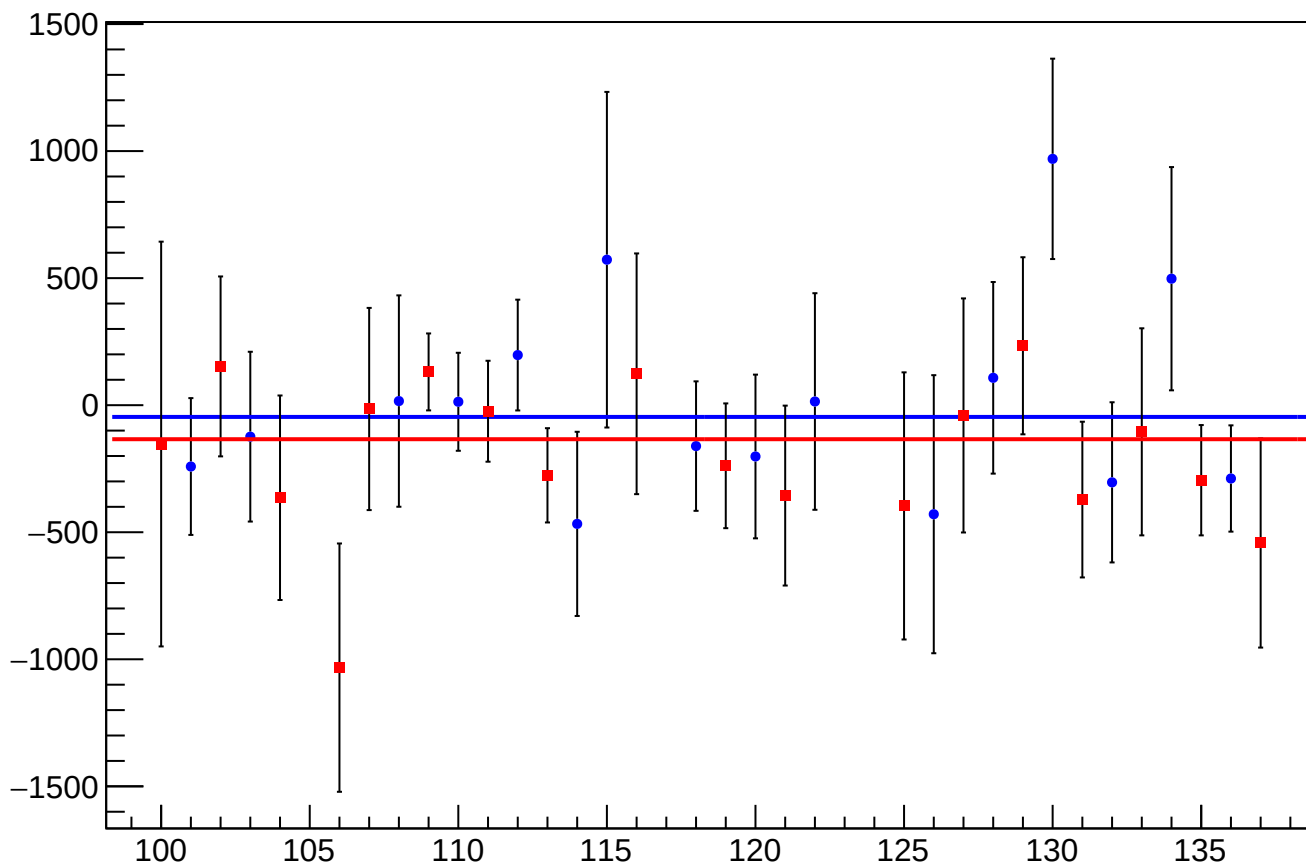
Right: 135.465+/-0.026 χ^2/NDF : 1717607.6/34

In: 136.383+/-0.038 χ^2/NDF : 796855.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.465+/-0.026 χ^2/NDF : 1717607.6/34

asym_bcm_2an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -46.199 ± 76.283 χ^2/NDF : 15.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -133.913 ± 68.414 χ^2/NDF : 12.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

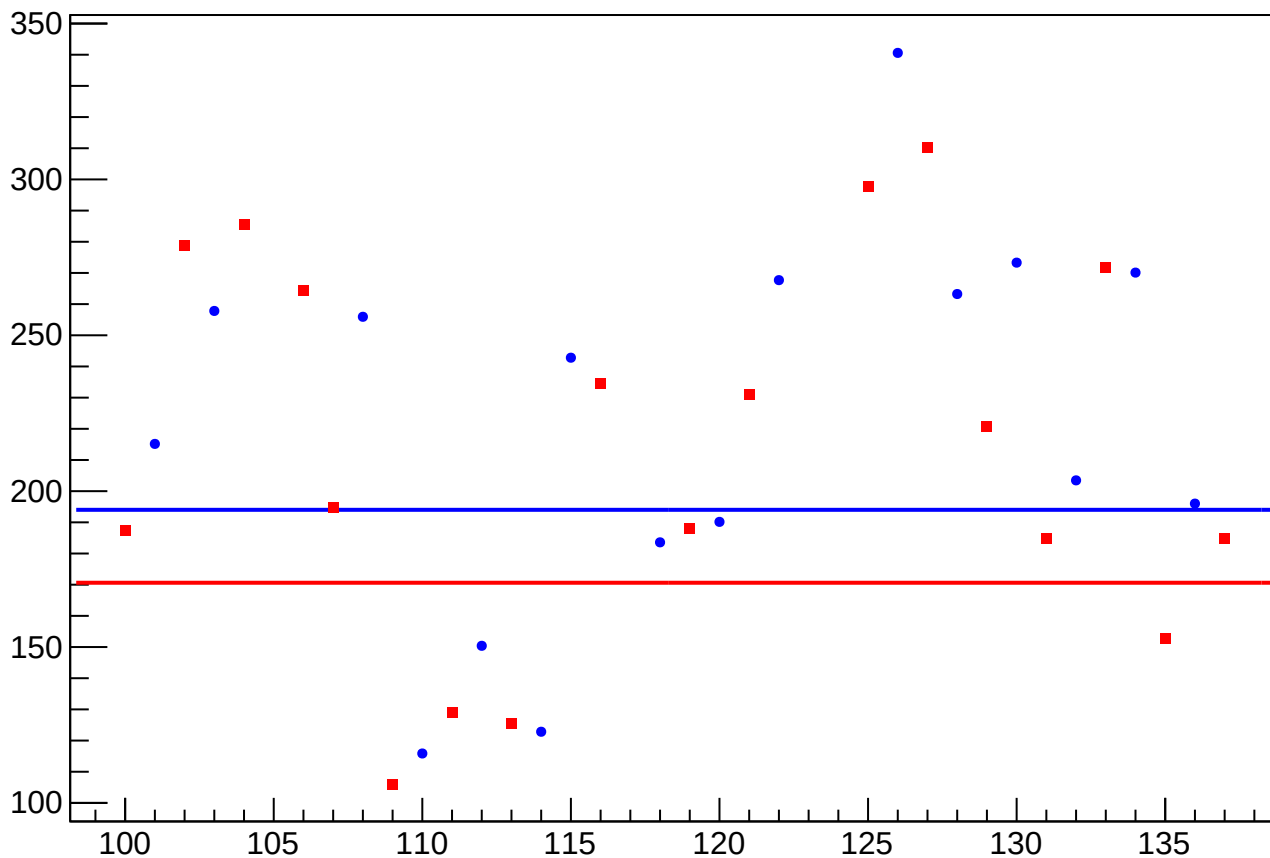
Right: -94.812 ± 50.931 χ^2/NDF : 29.0/33

In: -46.199 ± 76.283 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -94.812 ± 50.931 χ^2/NDF : 29.0/33

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 194.017 $\pm$ 0.054 χ^2 /NDF: 1043588.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 170.624 $\pm$ 0.048 χ^2 /NDF: 1593735.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

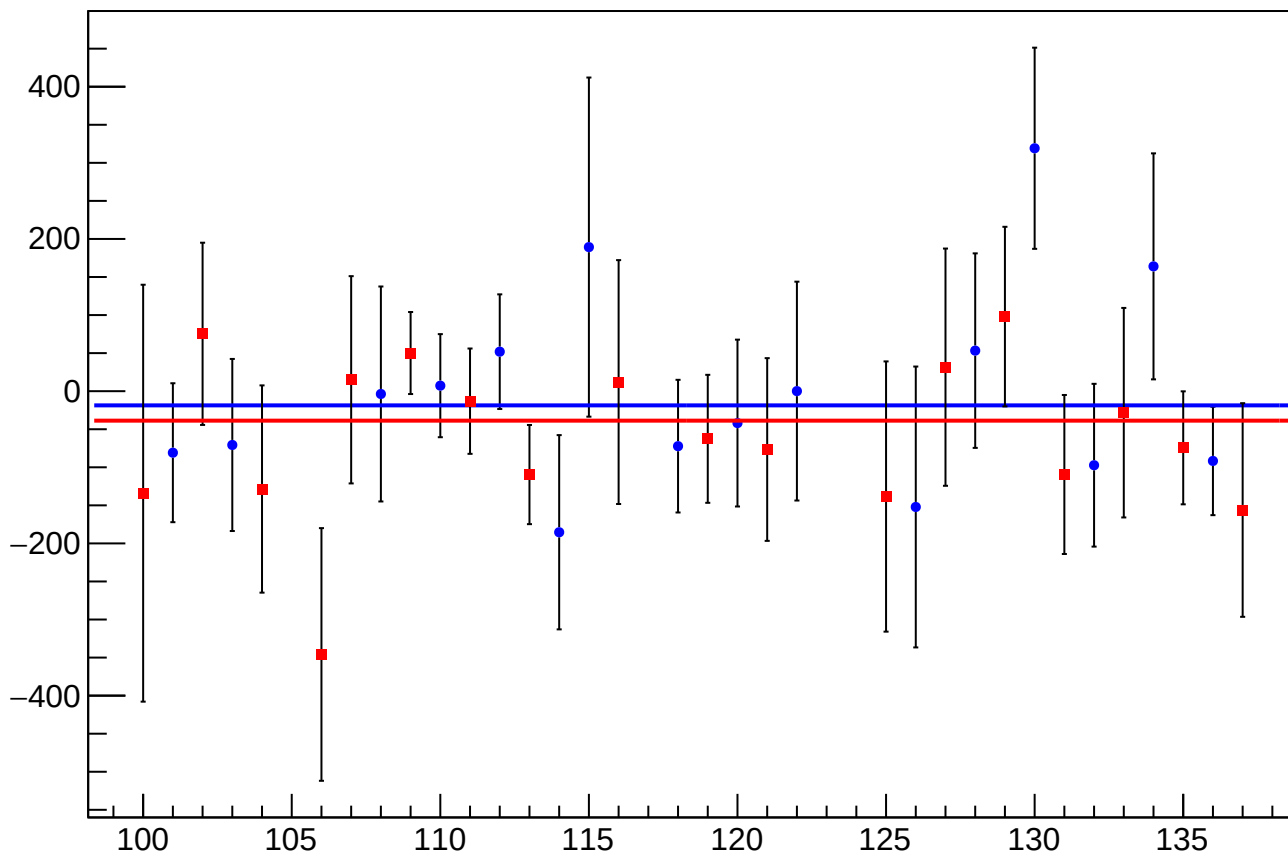
Right: 181.052 $\pm$ 0.036 χ^2 /NDF: 2741566.5/33

In: 194.017 $\pm$ 0.054 χ^2 /NDF:1043588.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 181.052 $\pm$ 0.036 χ^2 /NDF: 2741566.5/33

asym_bcm_2an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -18.645 ± 26.122 $\chi^2/\text{NDF}: 15.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -38.716 ± 23.652 $\chi^2/\text{NDF}: 12.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

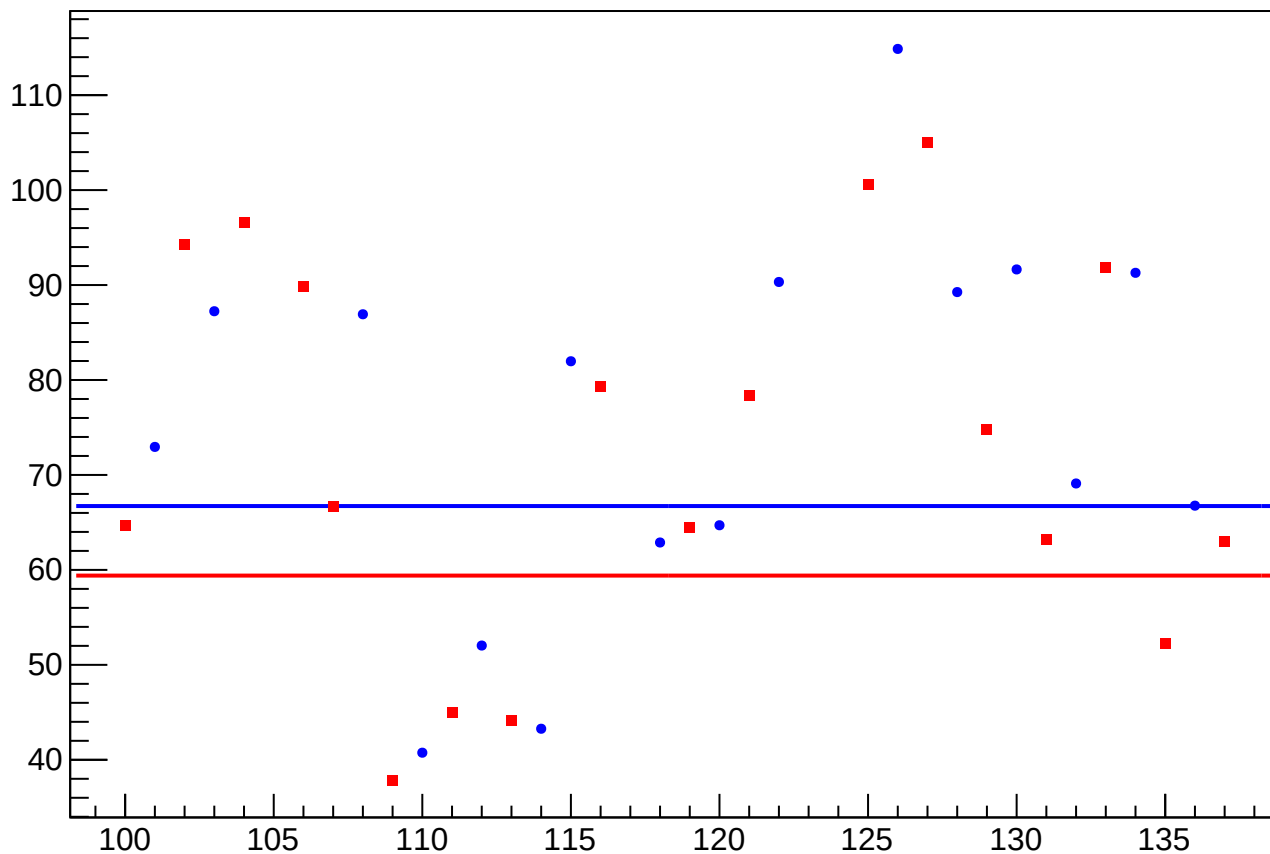
Right: -29.674 ± 17.533 $\chi^2/\text{NDF}: 28.2/33$

In: -18.645 ± 26.122 $\chi^2/\text{NDF}: 15.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -29.674 ± 17.533 $\chi^2/\text{NDF}: 28.2/33$

asym_bcm_2an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 66.724+/-0.018 χ^2/NDF : 947040.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.400+/-0.017 χ^2/NDF : 1445371.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

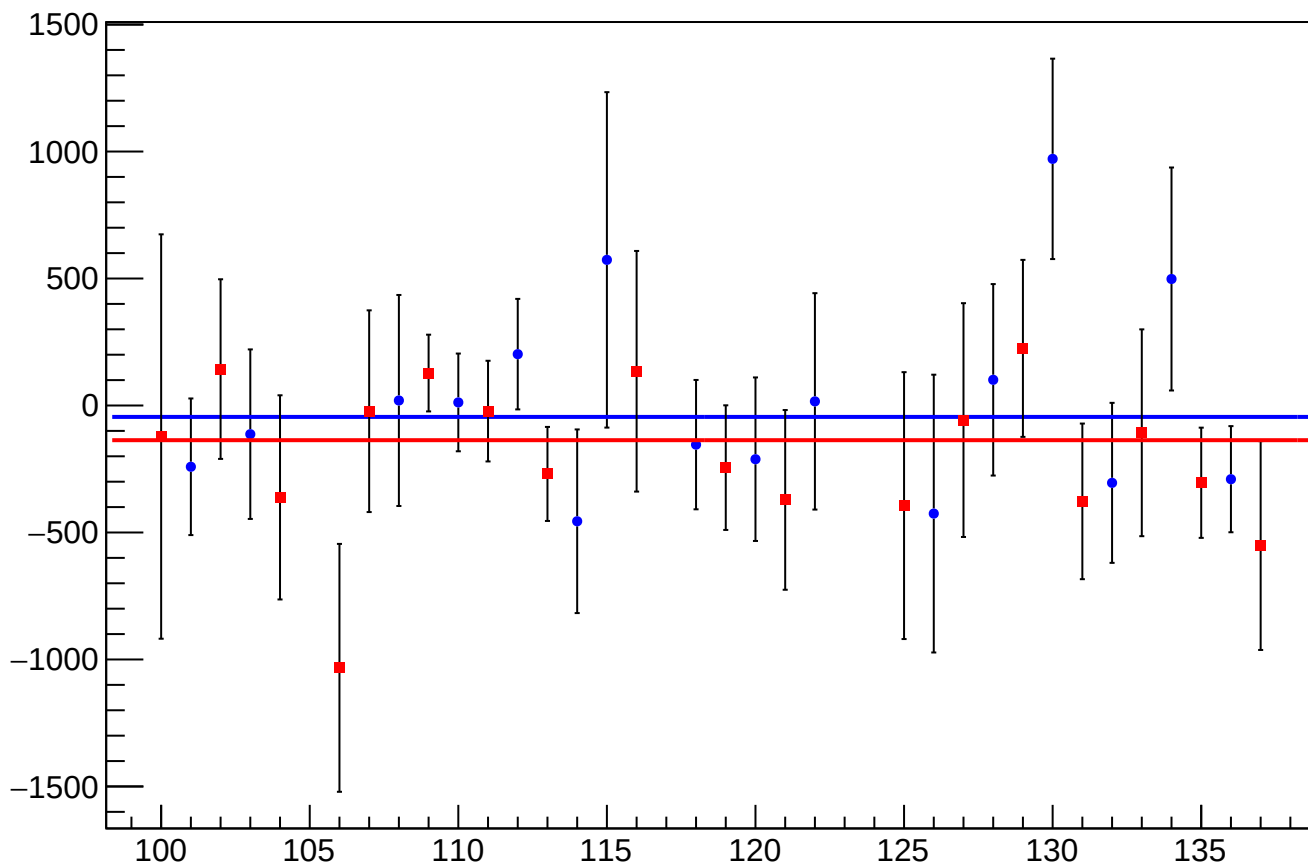
Right: 62.700+/-0.012 χ^2/NDF : 2478799.5/33

In: 66.724+/-0.018 χ^2/NDF : 947040.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.700+/-0.012 χ^2/NDF : 2478799.5/33

asym_bcm_an_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -44.917 $\pm$ 76.198 χ^2 /NDF: 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -136.579 $\pm$ 68.322 χ^2 /NDF: 12.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

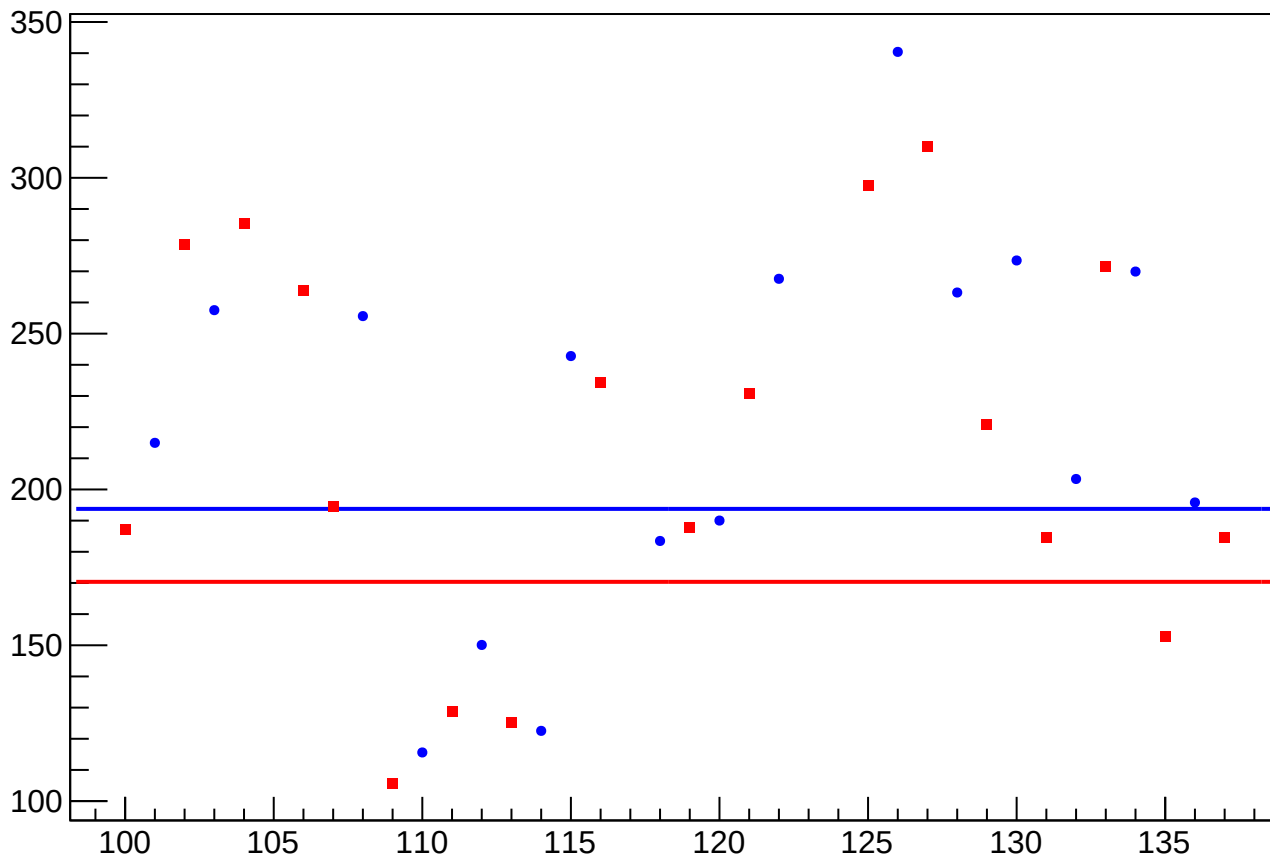
Right: -95.728 $\pm$ 50.868 χ^2 /NDF: 29.1/33

In: -44.917 $\pm$ 76.198 χ^2 /NDF:15.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -95.728 $\pm$ 50.868 χ^2 /NDF: 29.1/33

asym_bcm_an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 193.768+/-0.054 χ^2/NDF : 1048095.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.358+/-0.048 χ^2/NDF : 1599025.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

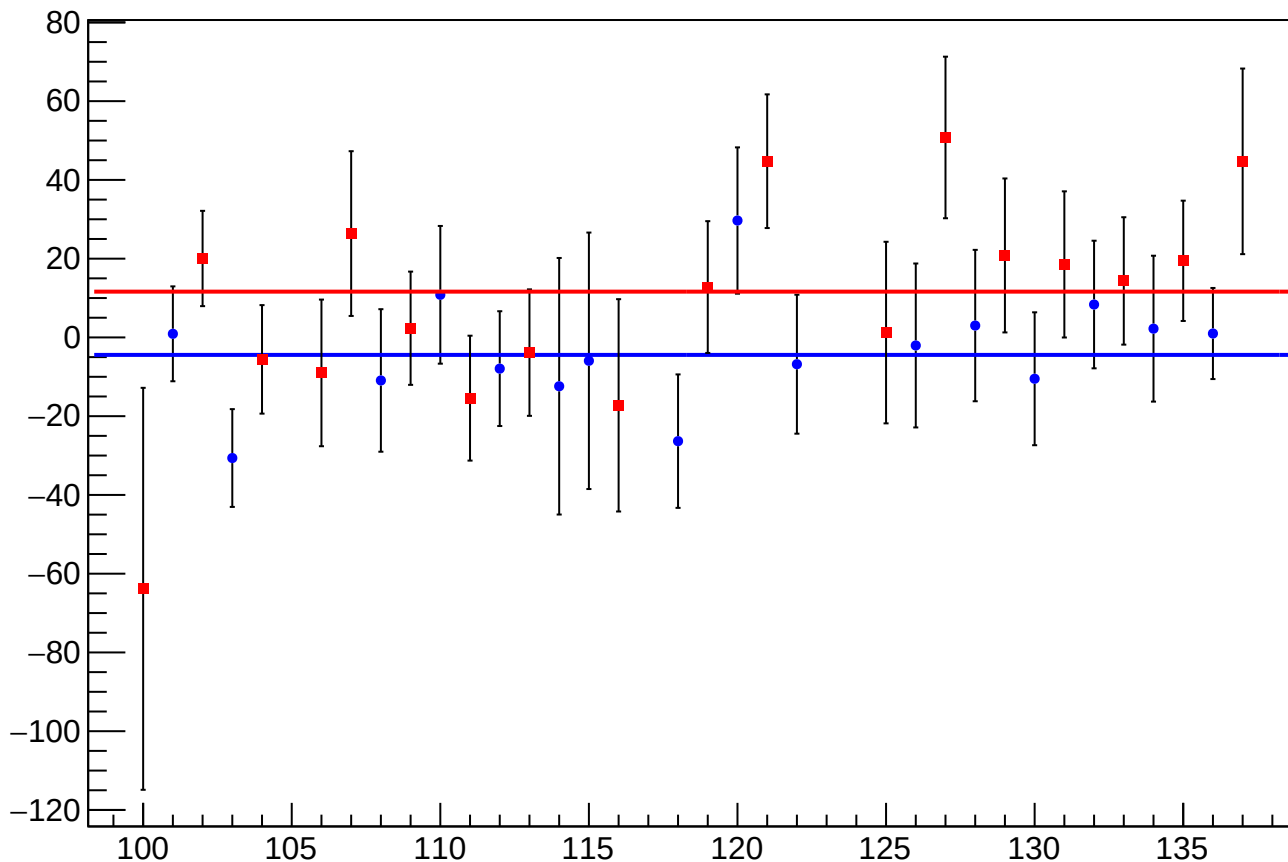
Right: 180.791+/-0.036 χ^2/NDF : 2751765.9/33

In: 193.768+/-0.054 χ^2/NDF : 1048095.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.791+/-0.036 χ^2/NDF : 2751765.9/33

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.440 ± 4.131 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.627 ± 4.137 χ^2/NDF : 21.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

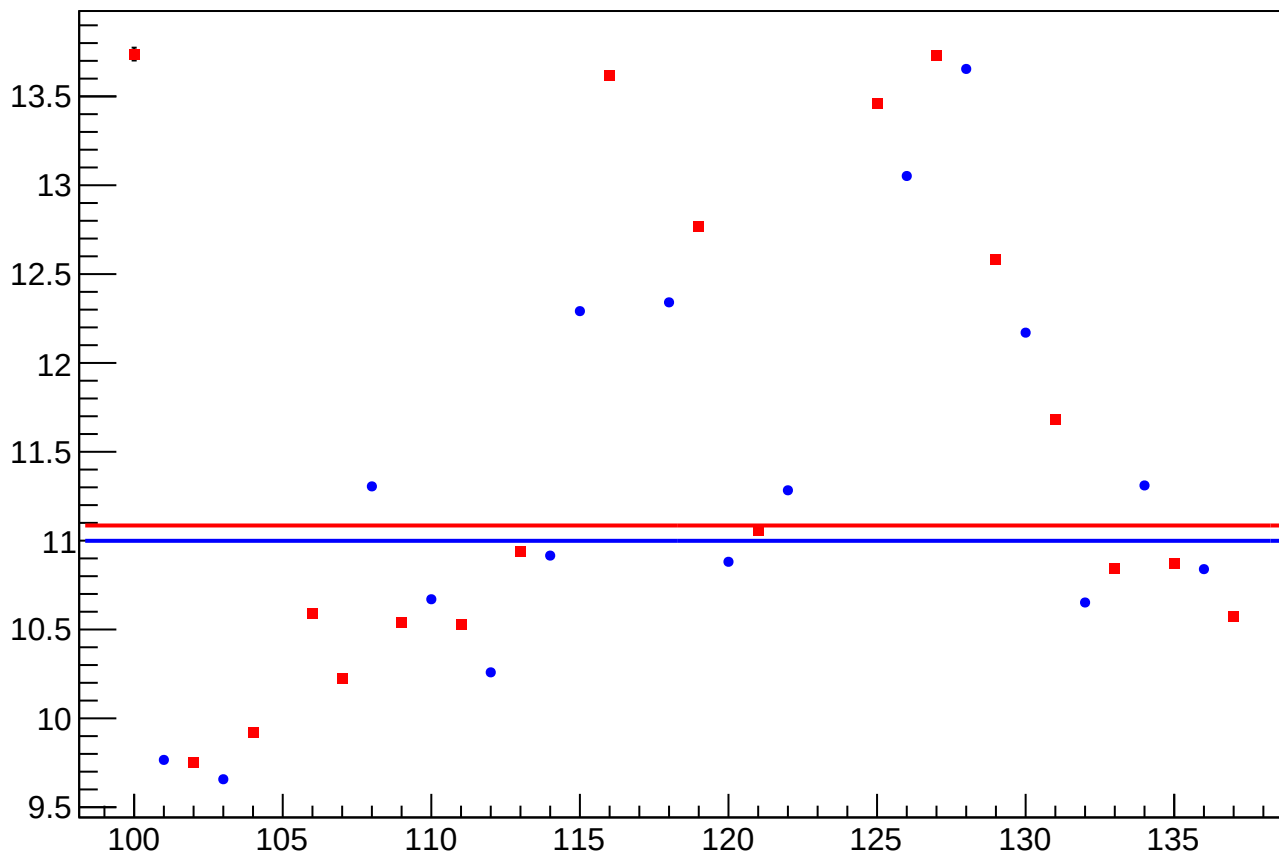
Right: 3.582 ± 2.923 χ^2/NDF : 41.2/33

In: -4.440 ± 4.131 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.582 ± 2.923 χ^2/NDF : 41.2/33

asym_bcm_an_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 10.999+/-0.003 χ^2/NDF : 136159.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11.085+/-0.003 χ^2/NDF : 162204.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

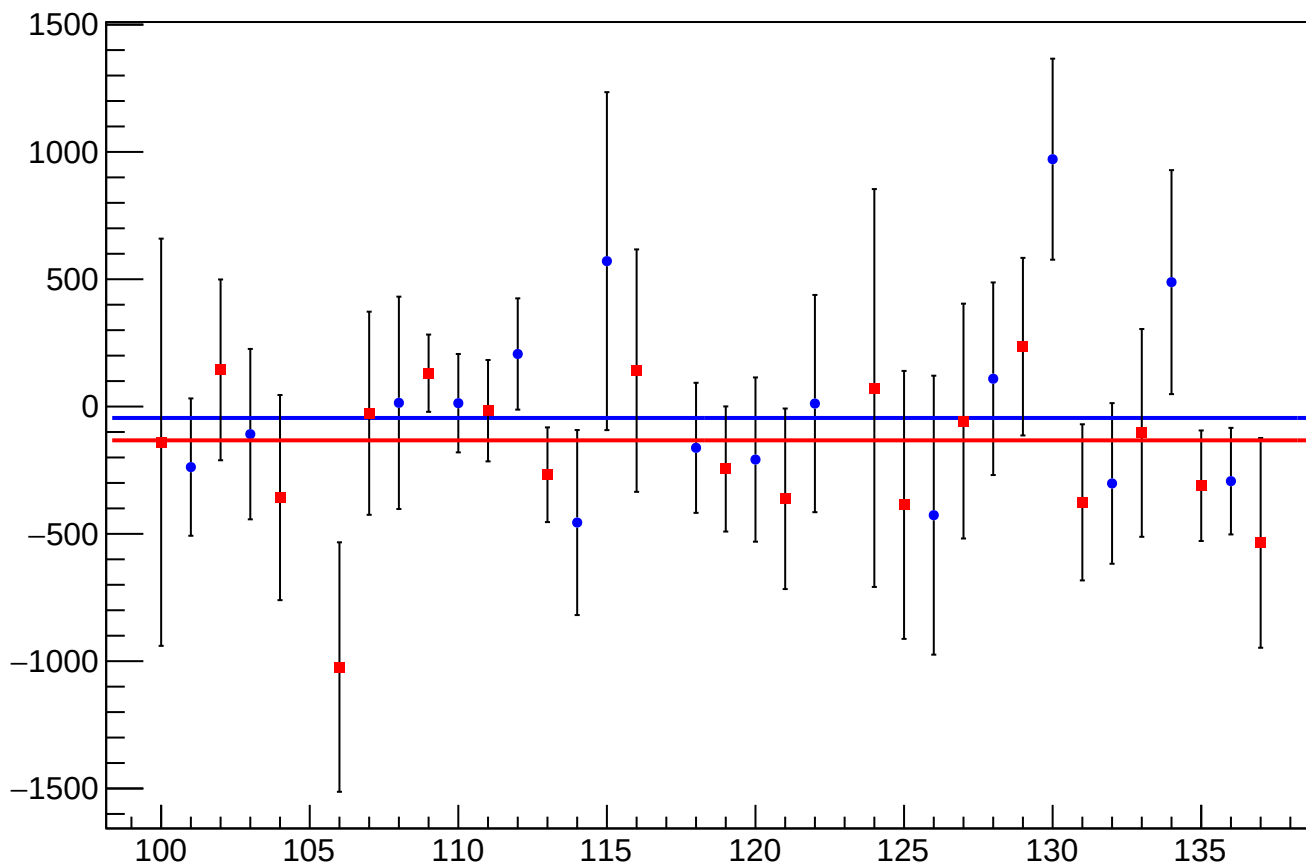
Right: 11.042+/-0.002 χ^2/NDF : 298798.9/33

In: 10.999+/-0.003 χ^2/NDF :136159.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11.042+/-0.002 χ^2/NDF : 298798.9/33

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -44.797 $\pm$ 76.424 χ^2 /NDF: 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -132.730 $\pm$ 68.270 χ^2 /NDF: 12.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

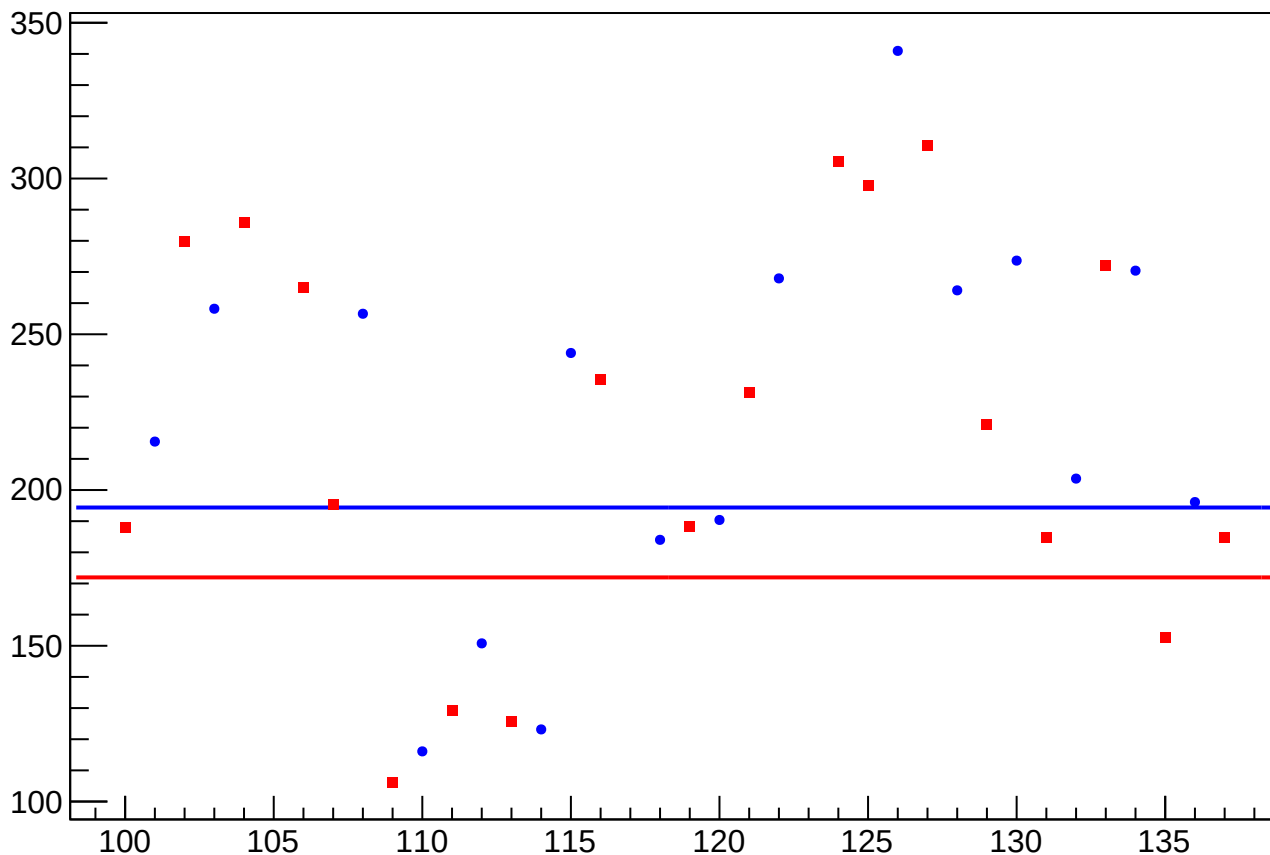
Right: -93.703 $\pm$ 50.914 χ^2 /NDF: 29.0/34

In: -44.797 $\pm$ 76.424 χ^2 /NDF:15.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -93.703 $\pm$ 50.914 χ^2 /NDF: 29.0/34

asym_bcm_an_us_an_ds3_avg_rms vs Slug, Sign Corrected



Right In: 194.385+/-0.054 χ^2/NDF : 1042024.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.949+/-0.048 χ^2/NDF : 1651343.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

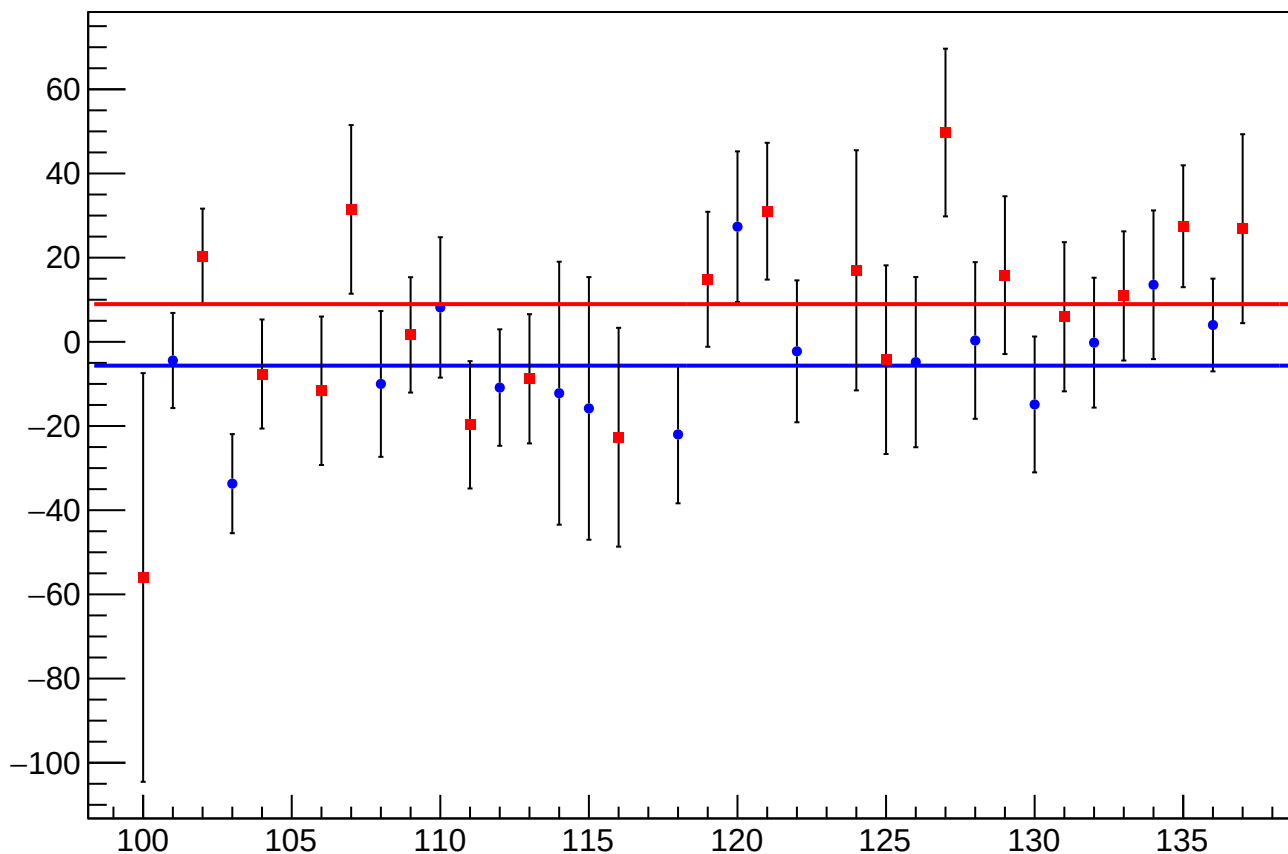
Right: 181.907+/-0.036 χ^2/NDF : 2789239.1/34

In: 194.385+/-0.054 χ^2/NDF : 1042024.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.907+/-0.036 χ^2/NDF : 2789239.1/34

asym_bcm_an_us_an_ds3_dd_mean vs Slug, Sign Corrected



Right In: -5.657+/-3.939 χ^2/NDF : 13.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 8.960+/-3.901 χ^2/NDF : 22.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

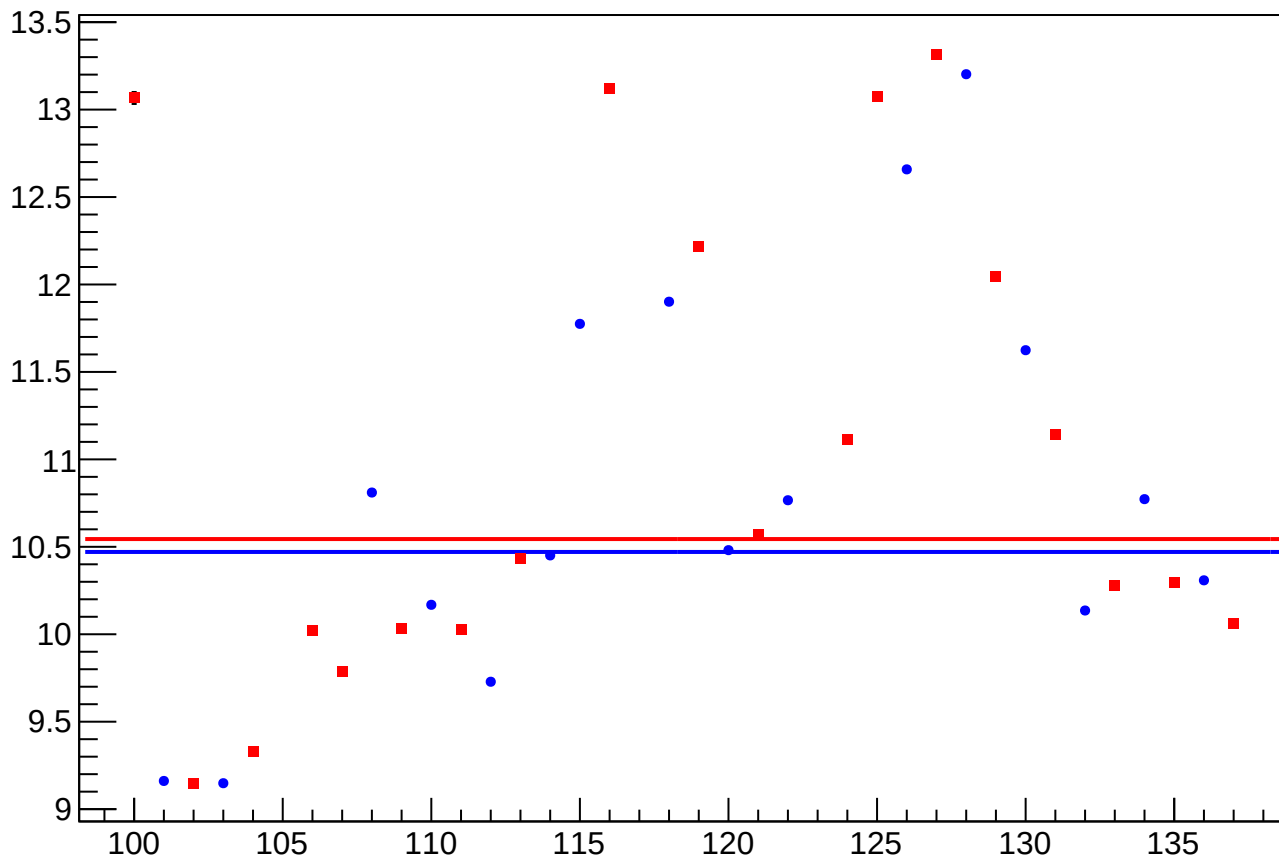
Right: 1.723+/-2.772 χ^2/NDF : 43.4/34

In: -5.657+/-3.939 χ^2/NDF :13.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.723+/-2.772 χ^2/NDF : 43.4/34

asym_bcm_an_us_an_ds3_dd_rms vs Slug, Sign Corrected



Right In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.544+/-0.003 χ^2/NDF : 186780.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

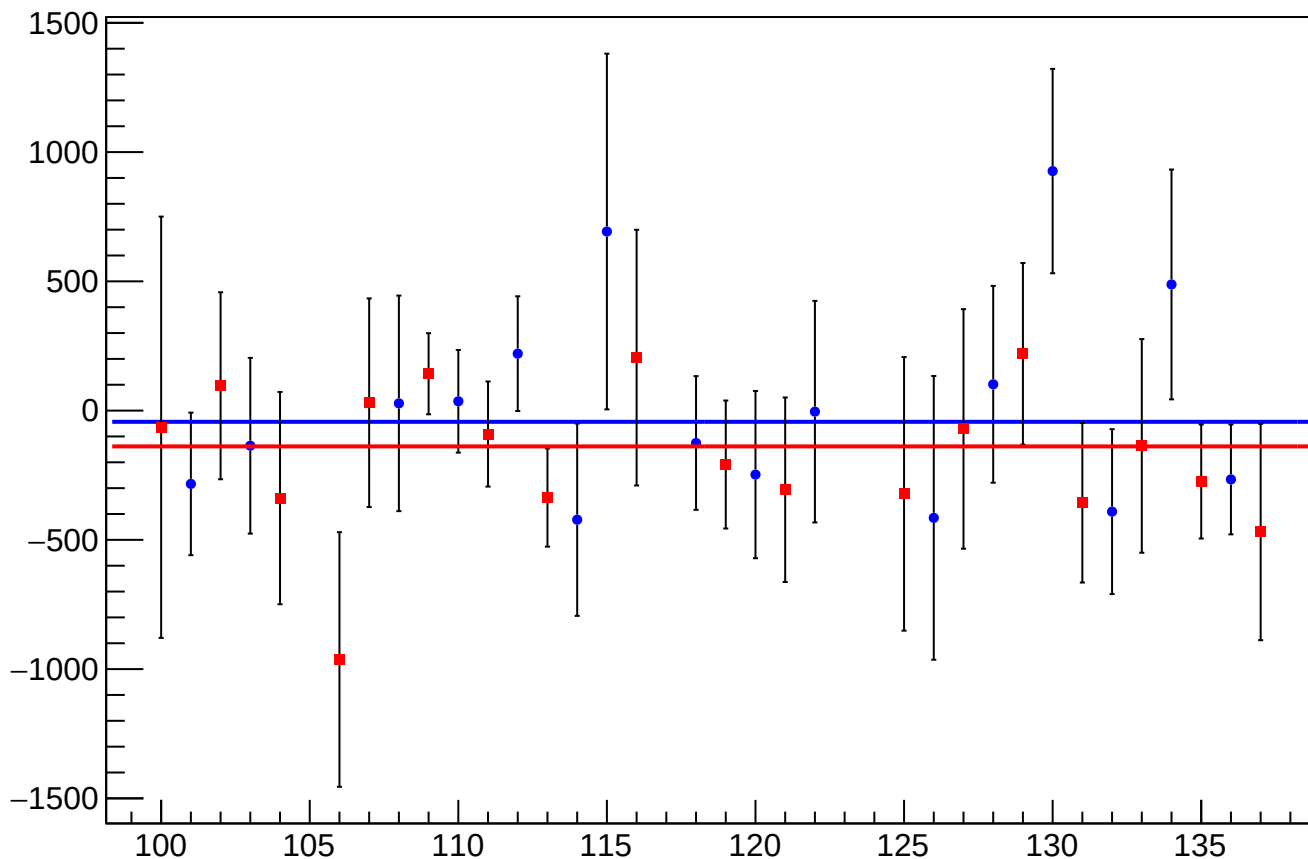
Right: 10.508+/-0.002 χ^2/NDF : 344500.1/34

In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.508+/-0.002 χ^2/NDF : 344500.1/34

asym_bcm_dg_us_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -43.384 ± 77.584 χ^2/NDF : 15.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -138.455 ± 69.833 χ^2/NDF : 11.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

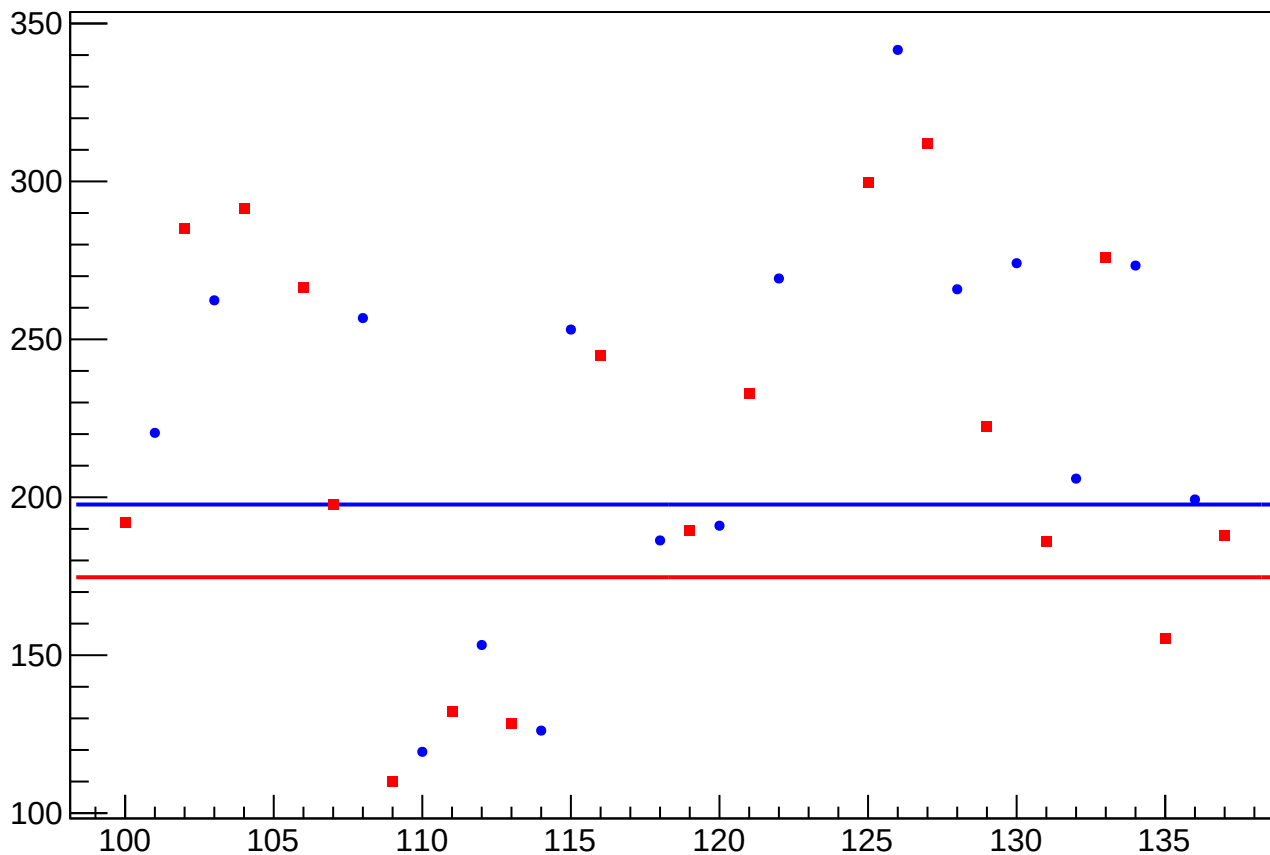
Right: -95.904 ± 51.904 χ^2/NDF : 27.7/33

In: -43.384 ± 77.584 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -95.904 ± 51.904 χ^2/NDF : 27.7/33

asym_bcm_dg_us_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 197.707+/-0.055 χ^2/NDF : 1000324.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 174.679+/-0.049 χ^2/NDF : 1534751.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

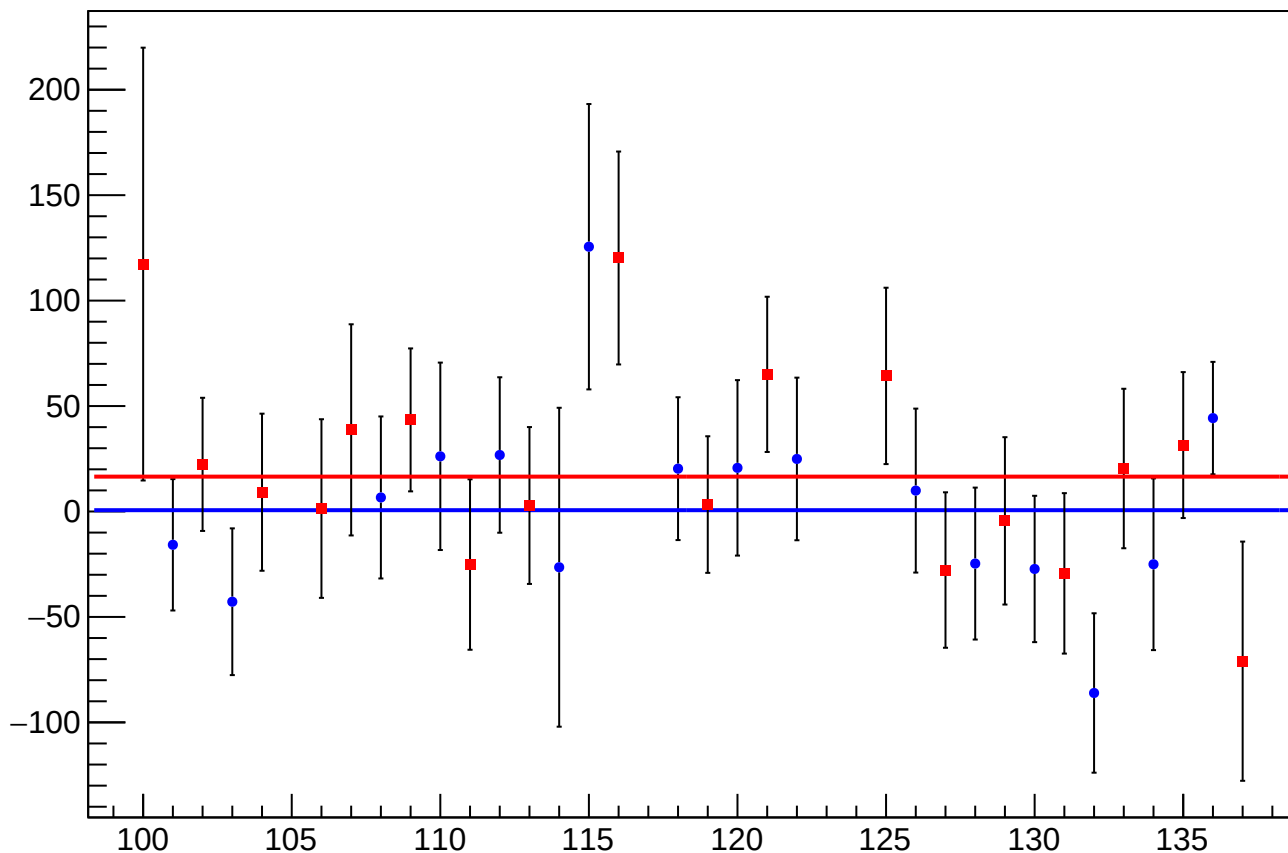
Right: 184.986+/-0.037 χ^2/NDF : 2632415.9/33

In: 197.707+/-0.055 χ^2/NDF :1000324.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.986+/-0.037 χ^2/NDF : 2632415.9/33

asym_bcm_dg_us_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.534+/-9.307 χ^2/NDF : 16.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

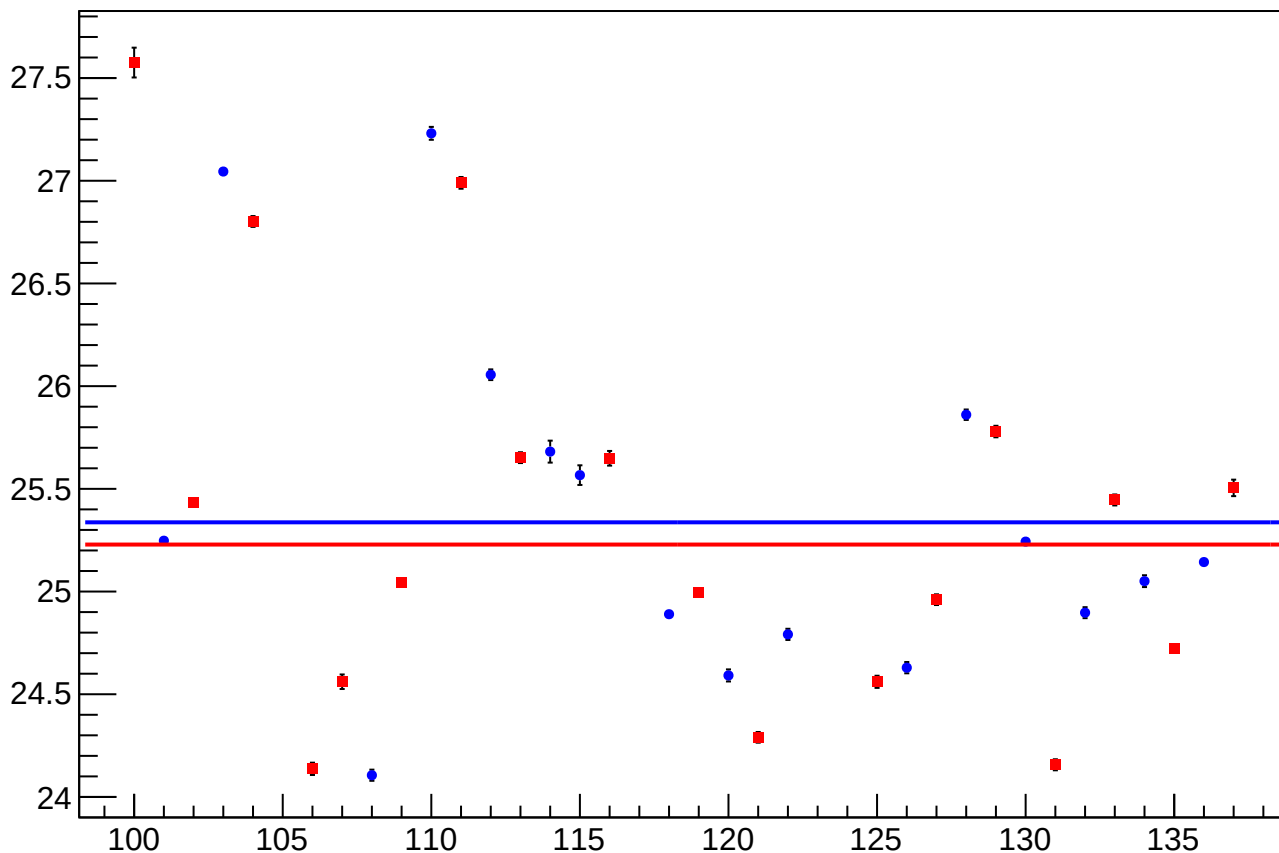
Right: 8.674+/-6.621 χ^2/NDF : 34.6/33

In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.674+/-6.621 χ^2/NDF : 34.6/33

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.337+/-0.007 χ^2/NDF : 14315.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.229+/-0.007 χ^2/NDF : 15176.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

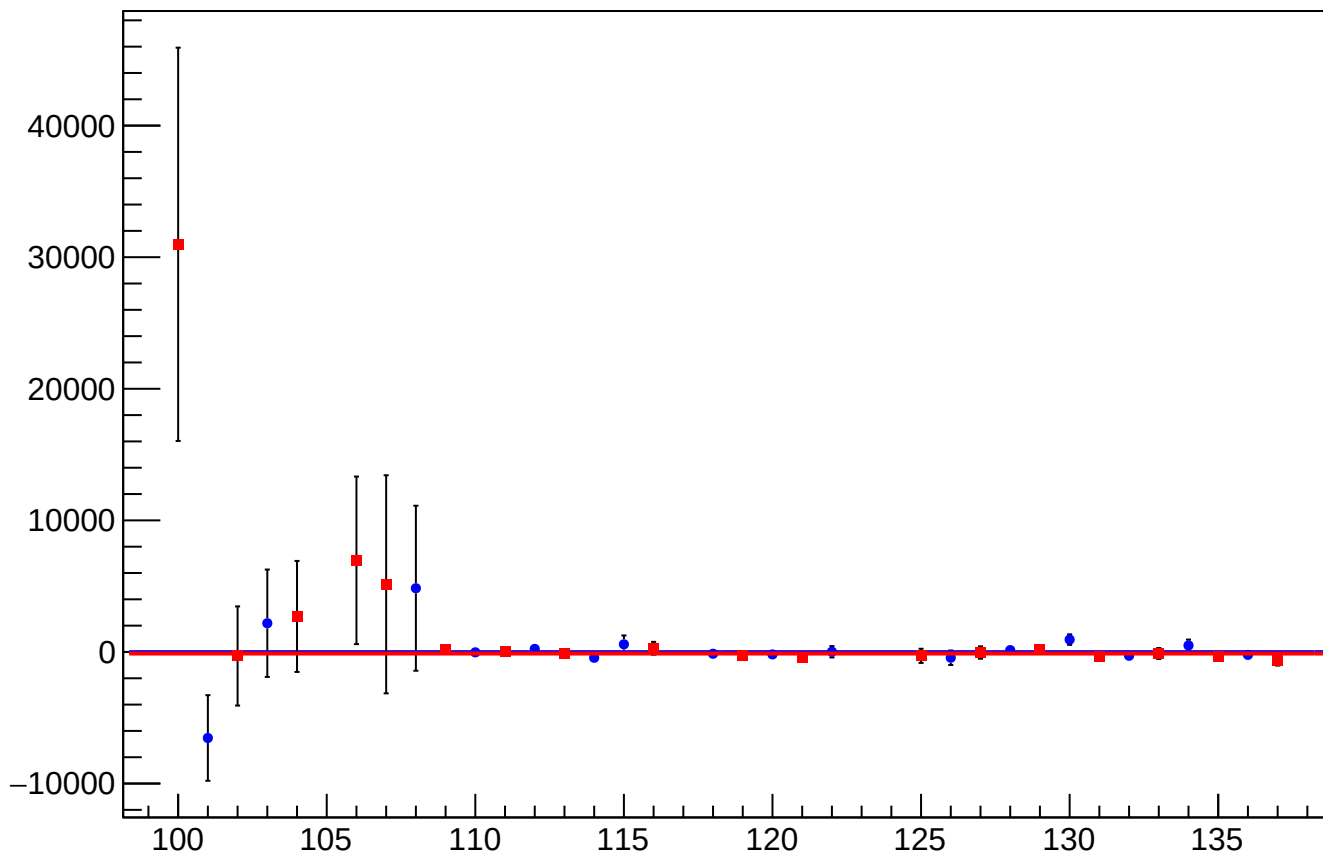
Right: 25.282+/-0.005 χ^2/NDF : 29624.6/33

In: 25.337+/-0.007 χ^2/NDF : 14315.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.282+/-0.005 χ^2/NDF : 29624.6/33

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -13.160+/-84.454 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.984+/-78.247 χ^2/NDF : 14.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

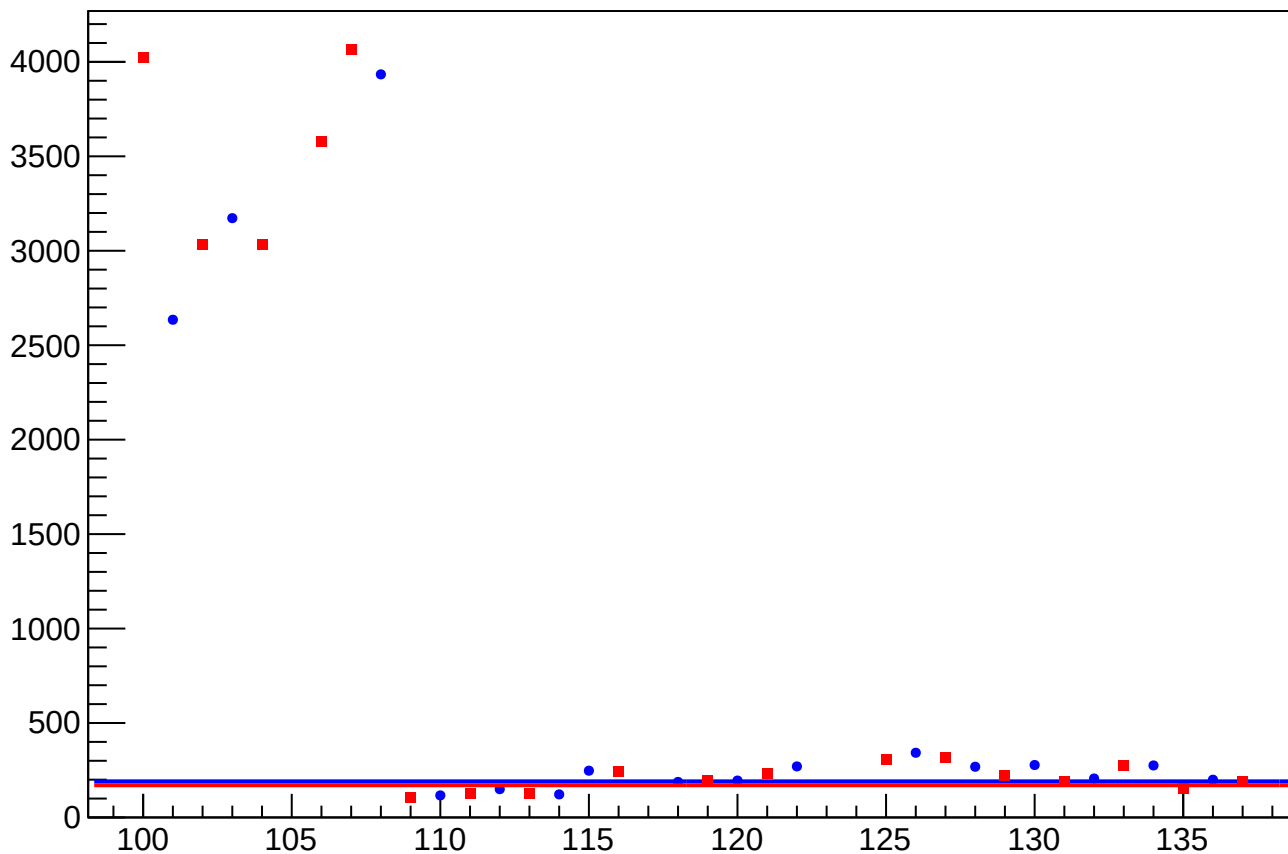
Right: -70.641+/-57.398 χ^2/NDF : 33.6/33

In: -13.160+/-84.454 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -70.641+/-57.398 χ^2/NDF : 33.6/33

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.494+/-0.055 χ^2/NDF : 4254820.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

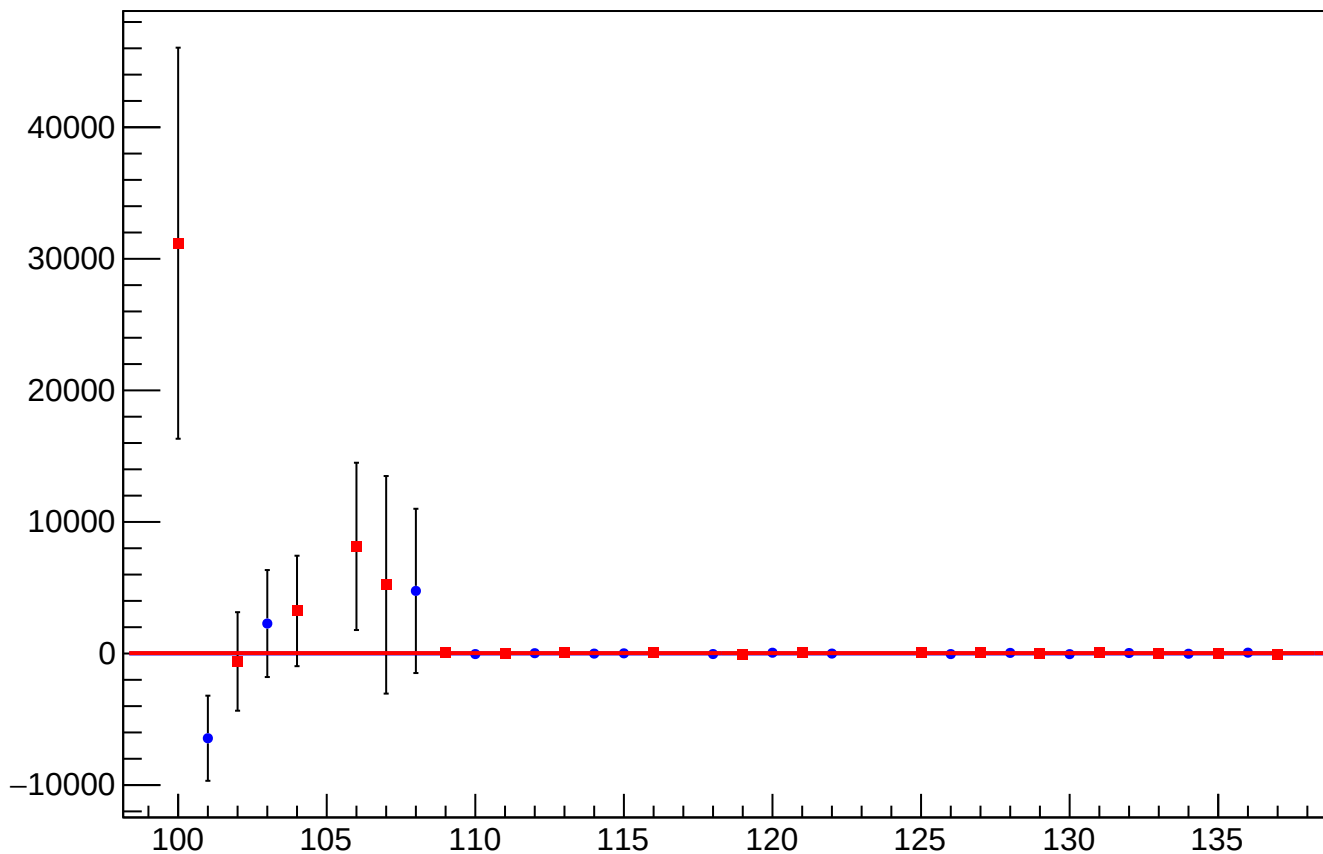
Right: 179.998+/-0.041 χ^2/NDF : 8152654.9/33

In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.998+/-0.041 χ^2/NDF : 8152654.9/33

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug, Sign Corrected



Right In: 6.490+/-11.764 χ^2 /NDF: 18.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 30.740+/-12.084 χ^2 /NDF: 19.9/17

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

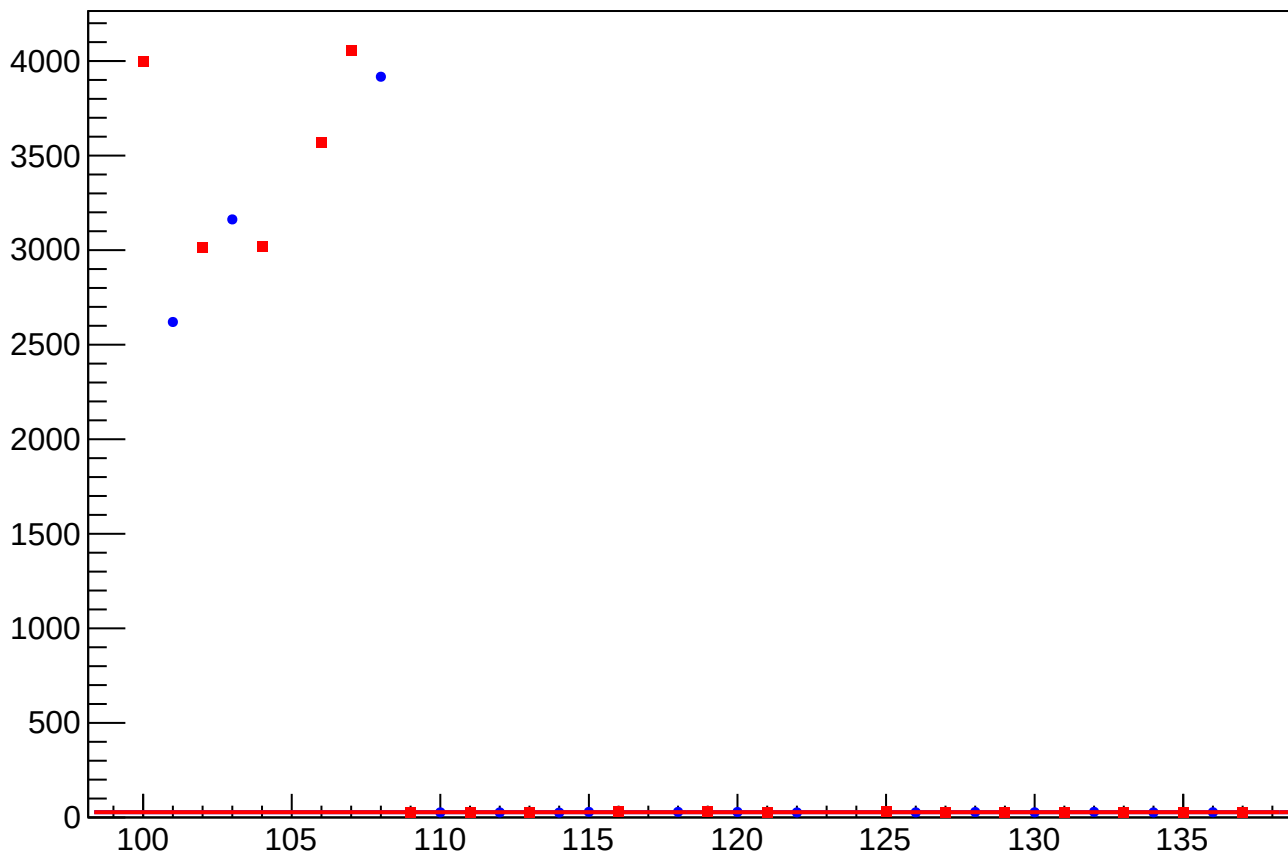
Right: 18.290+/-8.429 χ^2 /NDF: 40.2/33

In: 6.490+/-11.764 χ^2 /NDF: 18.3/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 18.290+/-8.429 χ^2 /NDF: 40.2/33

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 27.825+/-0.008 χ^2/NDF : 3265895.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 27.778+/-0.009 χ^2/NDF : 3558398.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

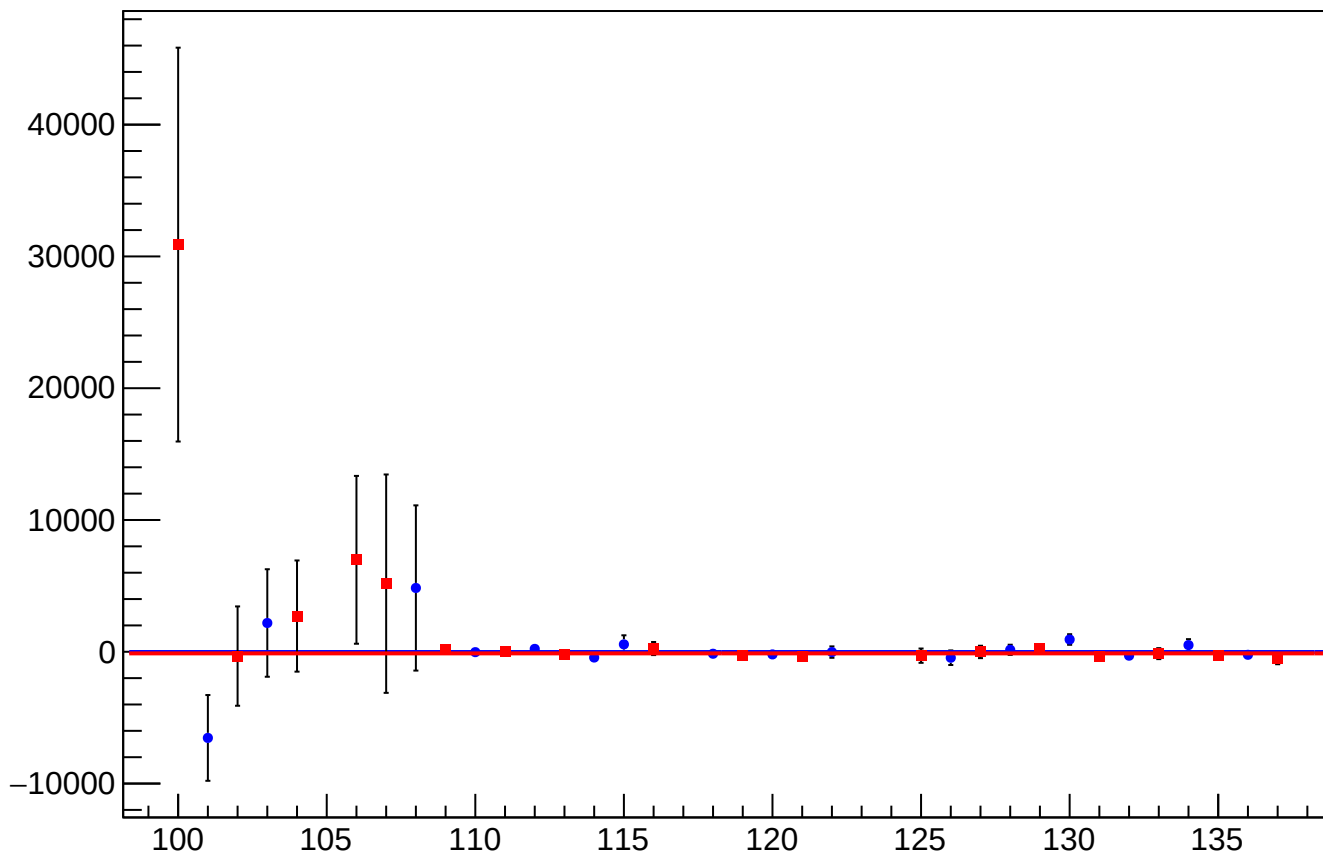
Right: 27.802+/-0.006 χ^2/NDF : 6824309.2/33

In: 27.825+/-0.008 χ^2/NDF :3265895.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.802+/-0.006 χ^2/NDF : 6824309.2/33

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug, Sign Corrected



Right In: -19.522 $\pm$ 85.063 χ^2 /NDF: 18.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -121.544 $\pm$ 78.844 χ^2 /NDF: 13.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

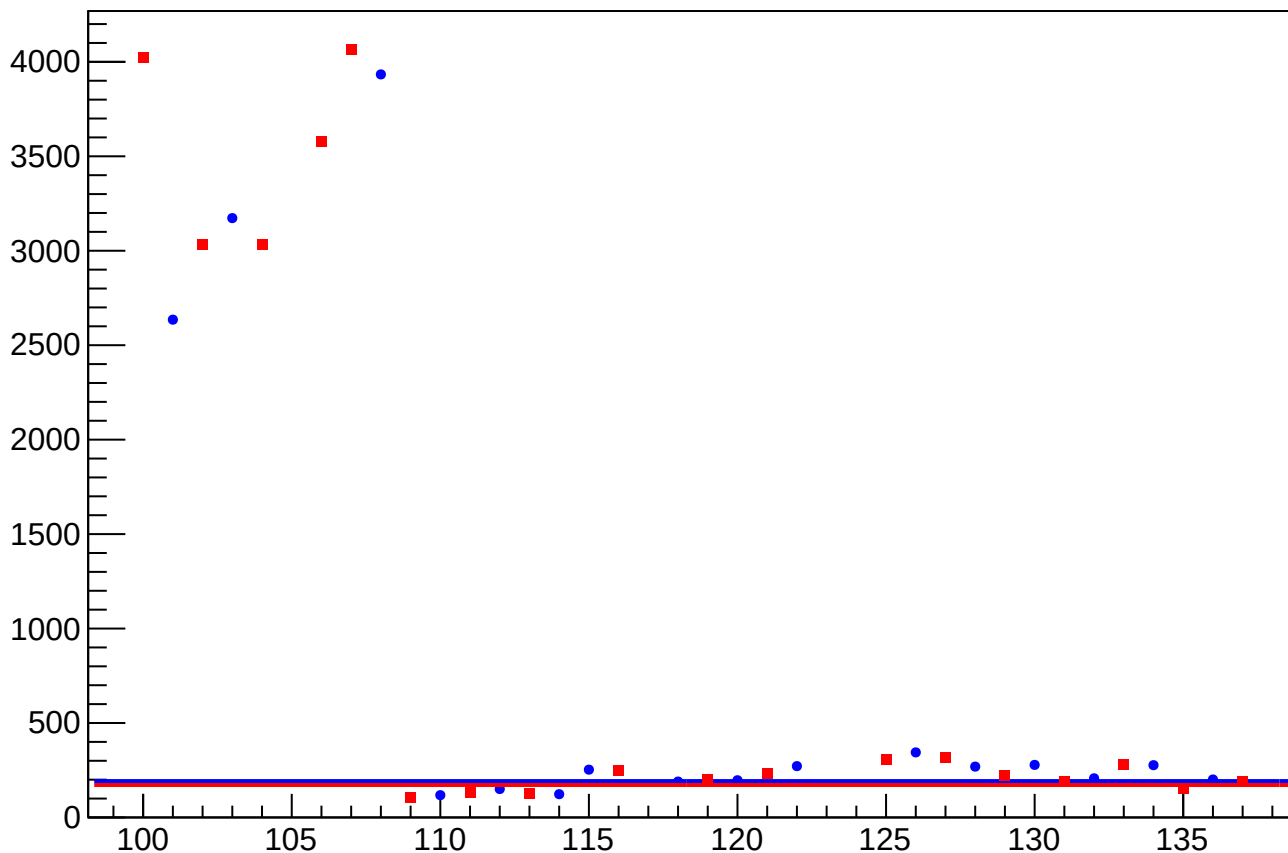
Right: -74.398 $\pm$ 57.825 χ^2 /NDF: 32.2/33

In: -19.522 $\pm$ 85.063 χ^2 /NDF:18.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -74.398 $\pm$ 57.825 χ^2 /NDF: 32.2/33

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug, Sign Corrected



Right In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.899+/-0.056 χ^2/NDF : 4247800.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

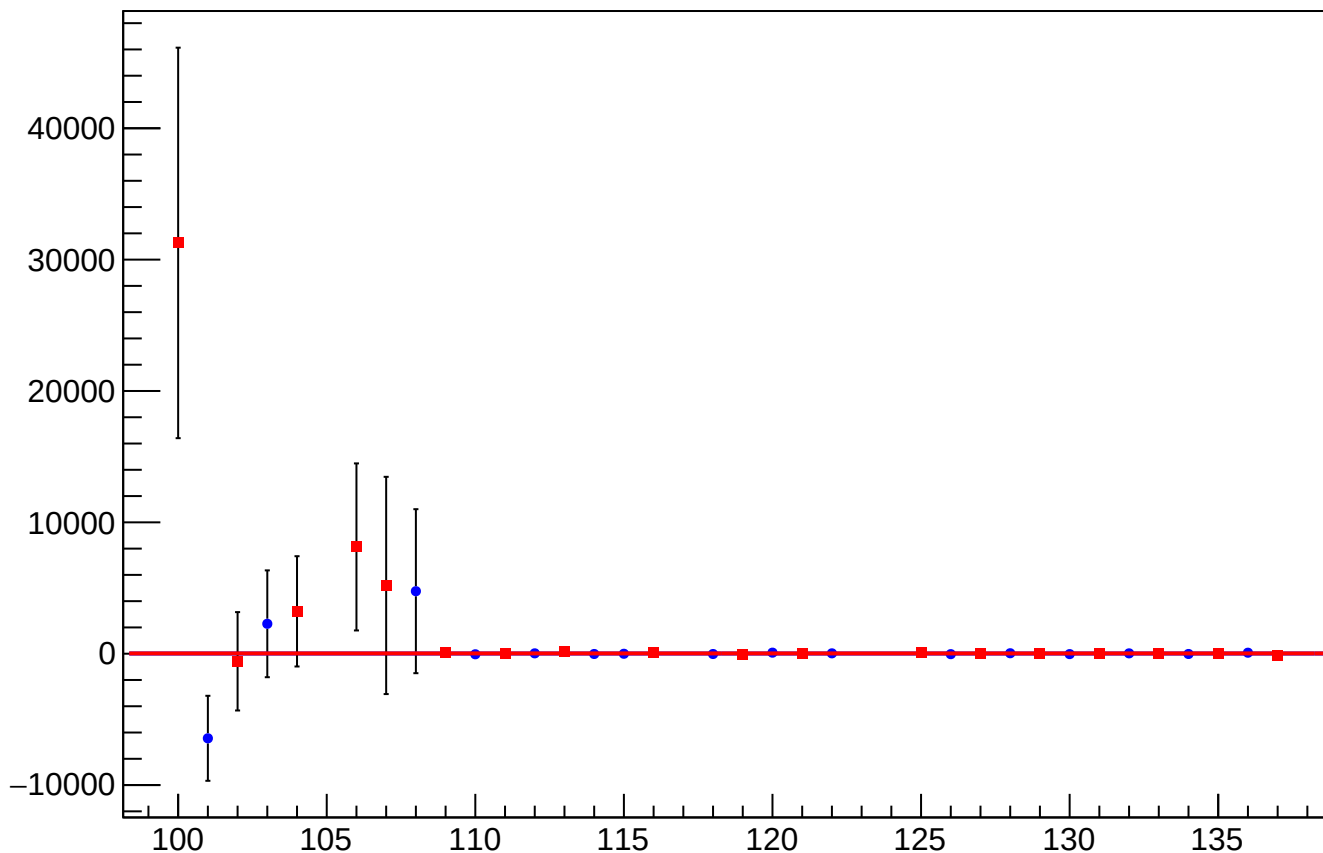
Right: 181.447+/-0.041 χ^2/NDF : 8134058.4/33

In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.447+/-0.041 χ^2/NDF : 8134058.4/33

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug, Sign Corrected



Right In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.906+/-13.382 χ^2/NDF : 28.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

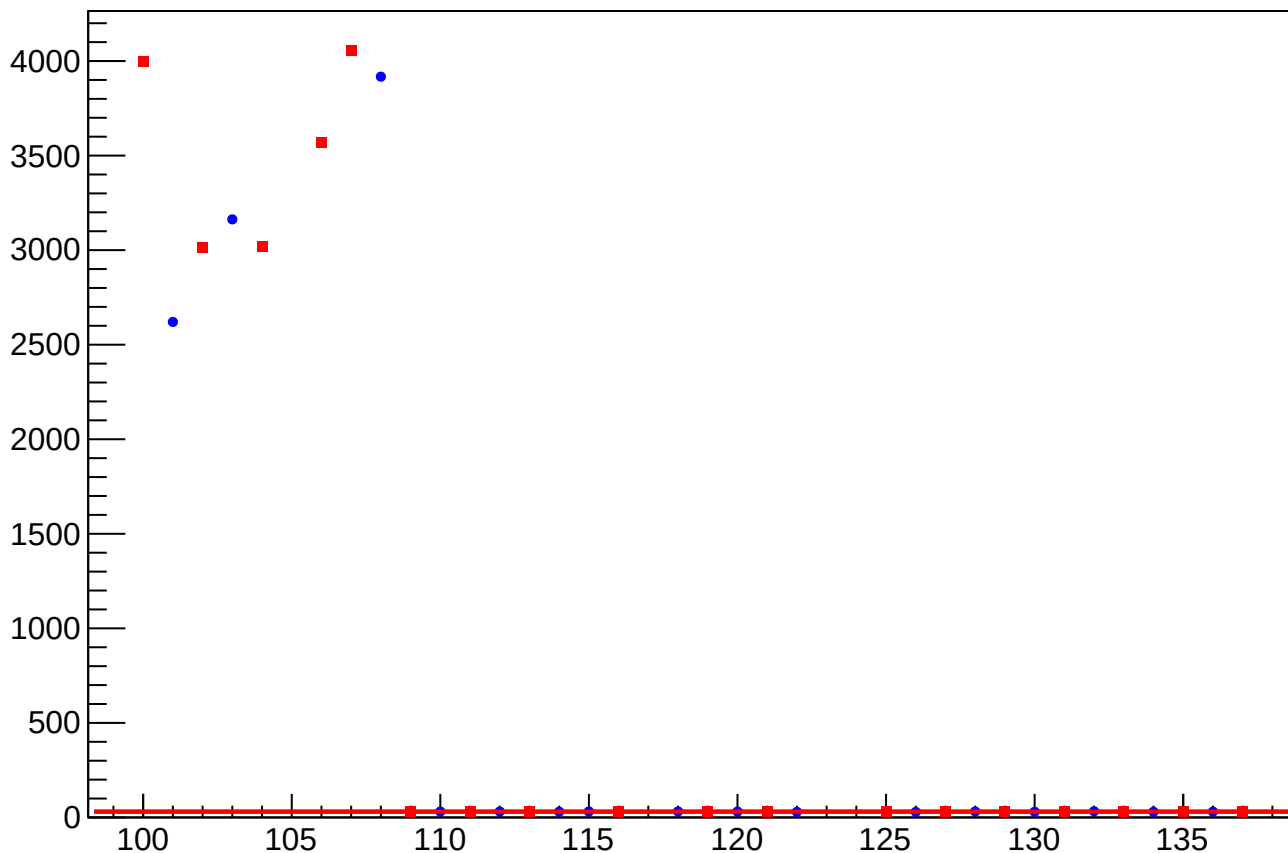
Right: 17.710+/-9.347 χ^2/NDF : 44.0/33

In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.710+/-9.347 χ^2/NDF : 44.0/33

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 30.928+/-0.009 χ^2/NDF : 3252607.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 30.804+/-0.009 χ^2/NDF : 3535959.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

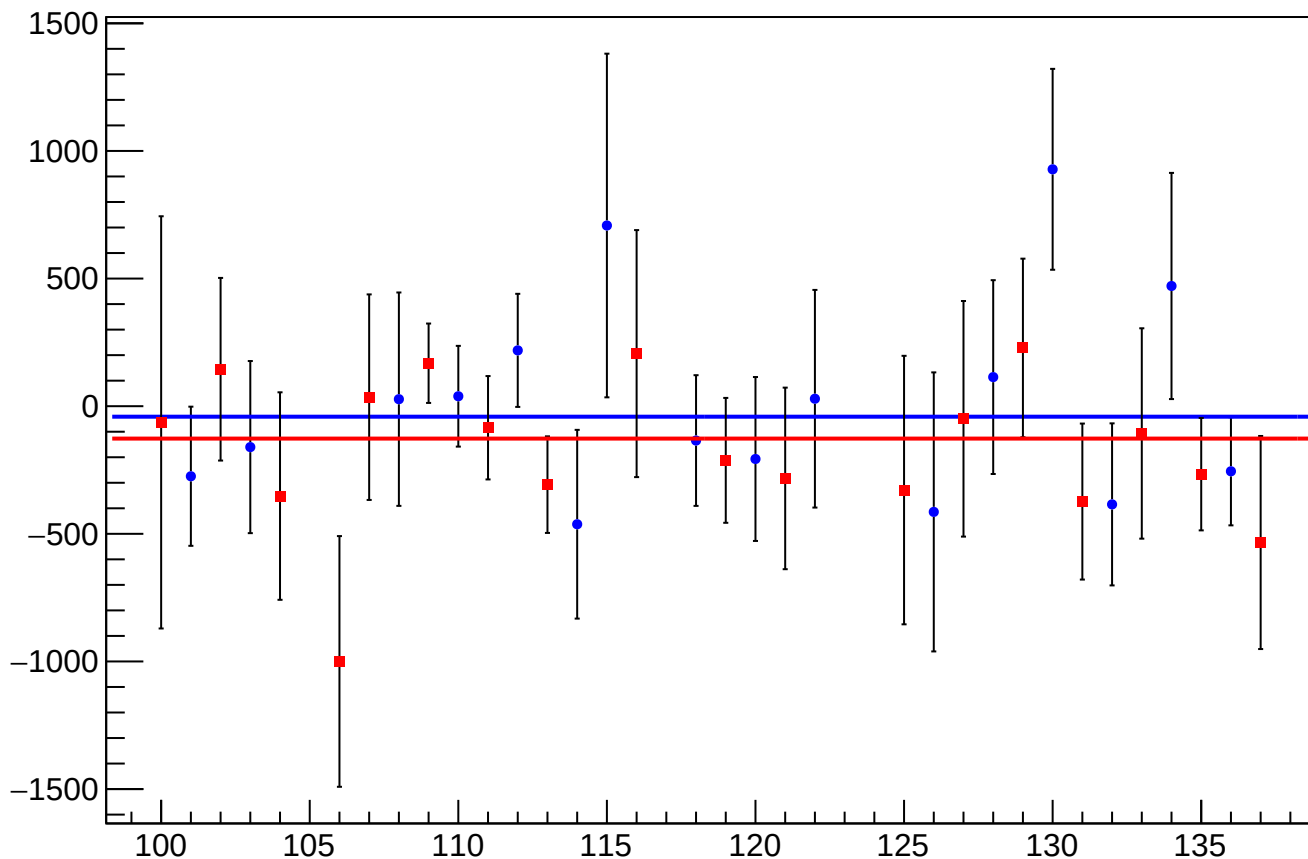
Right: 30.868+/-0.007 χ^2/NDF : 6788655.9/33

In: 30.928+/-0.009 χ^2/NDF :3252607.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.868+/-0.007 χ^2/NDF : 6788655.9/33

asym_bcm_dg_us_an_us_avg_mean vs Slug, Sign Corrected



Right In: -41.114 ± 77.139 χ^2/NDF : 15.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.896 ± 69.382 χ^2/NDF : 12.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

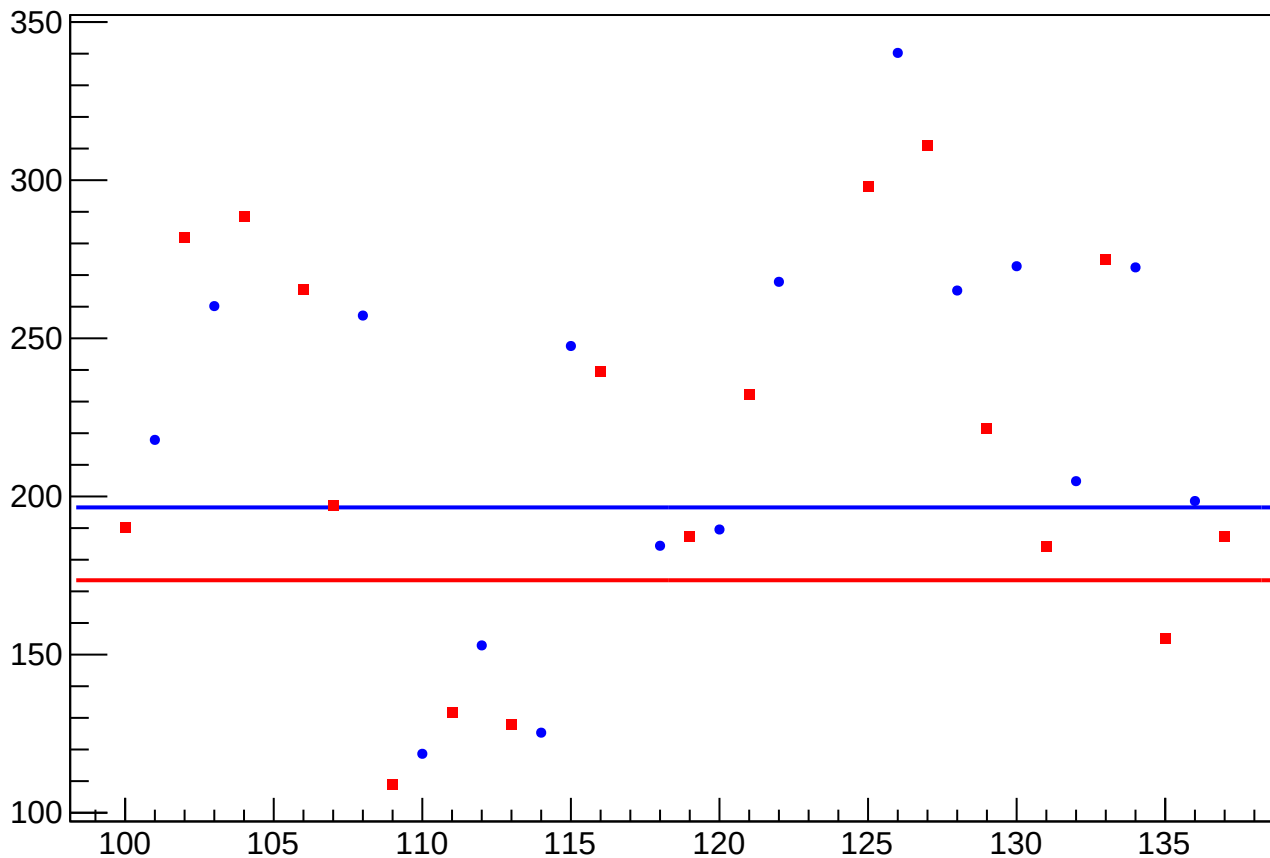
Right: -88.533 ± 51.586 χ^2/NDF : 29.1/33

In: -41.114 ± 77.139 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.533 ± 51.586 χ^2/NDF : 29.1/33

asym_bcm_dg_us_an_us_avg_rms vs Slug, Sign Corrected



Right In: 196.542 $\pm$ 0.055 χ^2 /NDF: 1000770.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.509 $\pm$ 0.049 χ^2 /NDF: 1532720.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

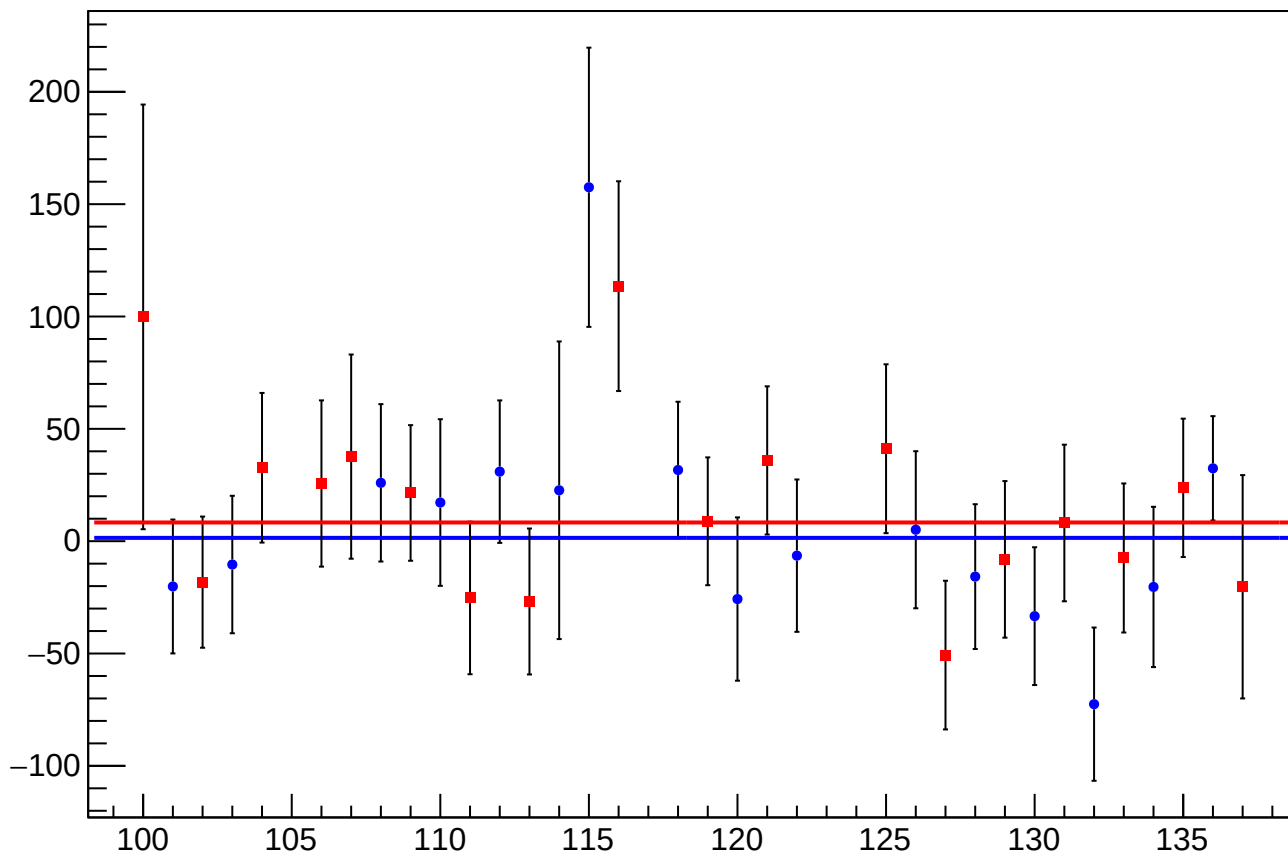
Right: 183.810 $\pm$ 0.036 χ^2 /NDF: 2632060.1/33

In: 196.542 $\pm$ 0.055 χ^2 /NDF:1000770.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.810 $\pm$ 0.036 χ^2 /NDF: 2632060.1/33

asym_bcm_dg_us_an_us_dd_mean vs Slug, Sign Corrected



Right In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.329+/-8.286 χ^2/NDF : 16.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

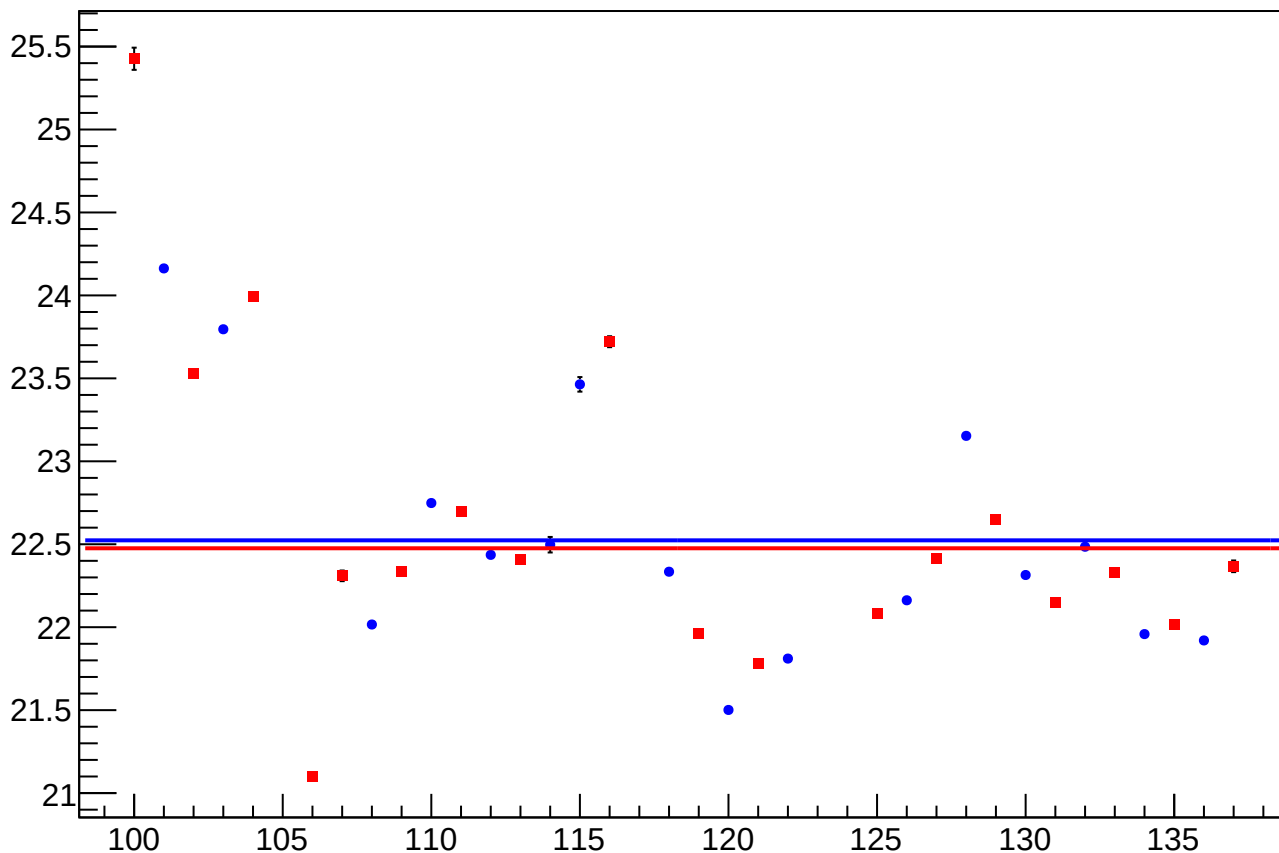
Right: 4.937+/-5.889 χ^2/NDF : 35.0/33

In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.937+/-5.889 χ^2/NDF : 35.0/33

asym_bcm_dg_us_an_us_dd_rms vs Slug, Sign Corrected



Right In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.476+/-0.006 χ^2/NDF : 15536.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

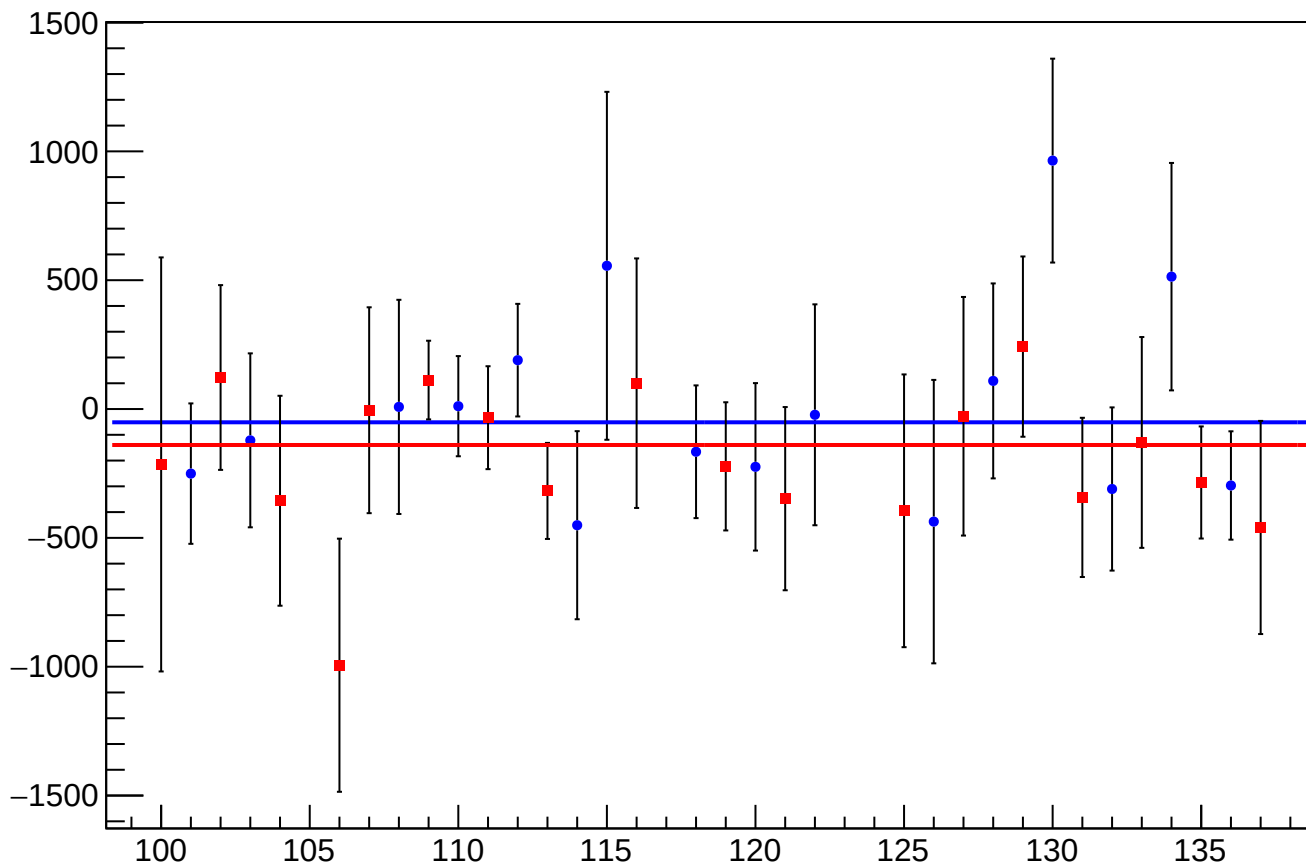
Right: 22.499+/-0.004 χ^2/NDF : 31517.5/33

In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.499+/-0.004 χ^2/NDF : 31517.5/33

asym_bcm_dg_ds_an_us_avg_mean vs Slug, Sign Corrected



Right In: -51.492 ± 76.798 $\chi^2/\text{NDF}: 15.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -139.546 ± 68.888 $\chi^2/\text{NDF}: 11.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

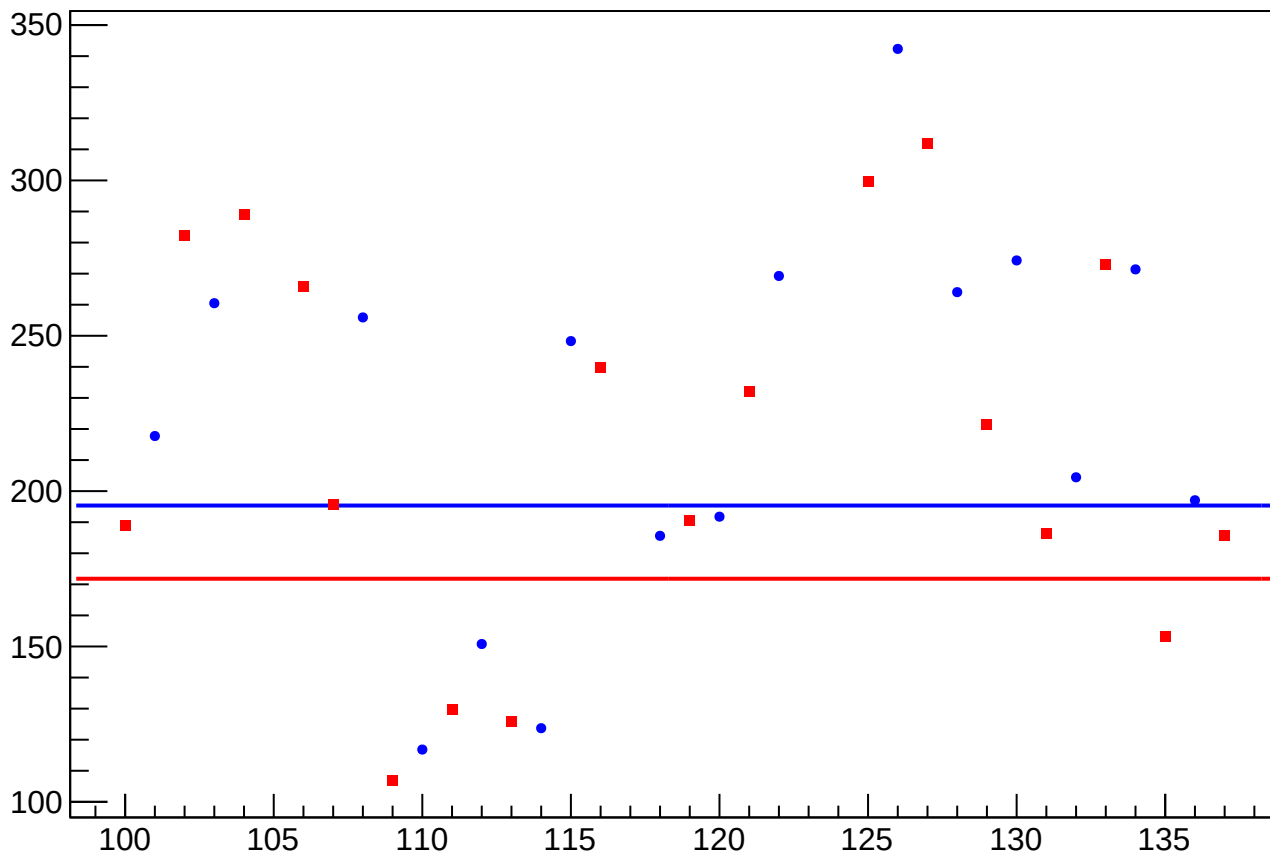
Right: -100.285 ± 51.280 $\chi^2/\text{NDF}: 27.6/33$

In: -51.492 ± 76.798 $\chi^2/\text{NDF}: 15.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -100.285 ± 51.280 $\chi^2/\text{NDF}: 27.6/33$

asym_bcm_dg_ds_an_us_avg_rms vs Slug, Sign Corrected



Right In: 195.361+/-0.054 χ^2/NDF : 1041432.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.805+/-0.049 χ^2/NDF : 1600663.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

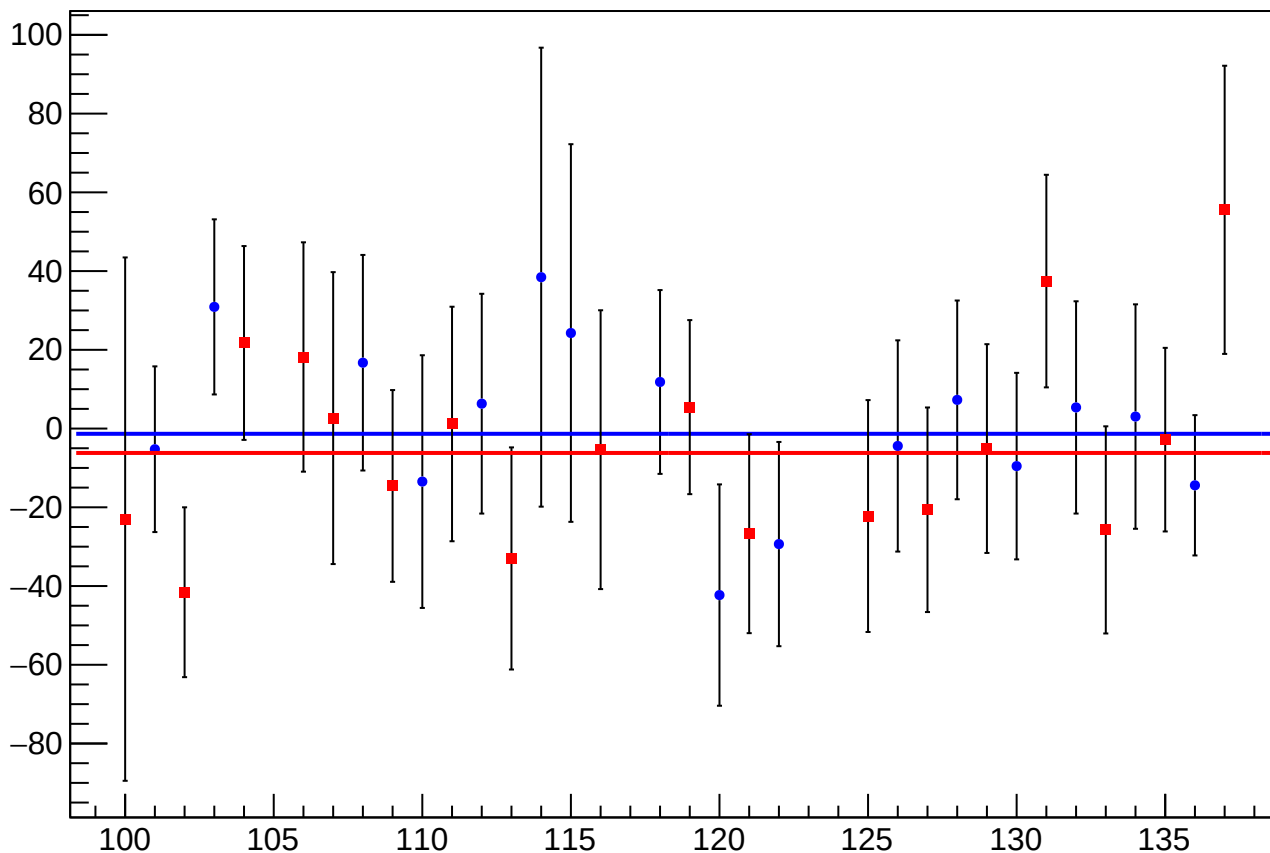
Right: 182.308+/-0.036 χ^2/NDF : 2746362.8/33

In: 195.361+/-0.054 χ^2/NDF : 1041432.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.308+/-0.036 χ^2/NDF : 2746362.8/33

asym_bcm_dg_ds_an_us_dd_mean vs Slug, Sign Corrected



Right In: -1.331+/-6.499 χ^2/NDF : 8.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -6.195+/-6.473 χ^2/NDF : 13.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

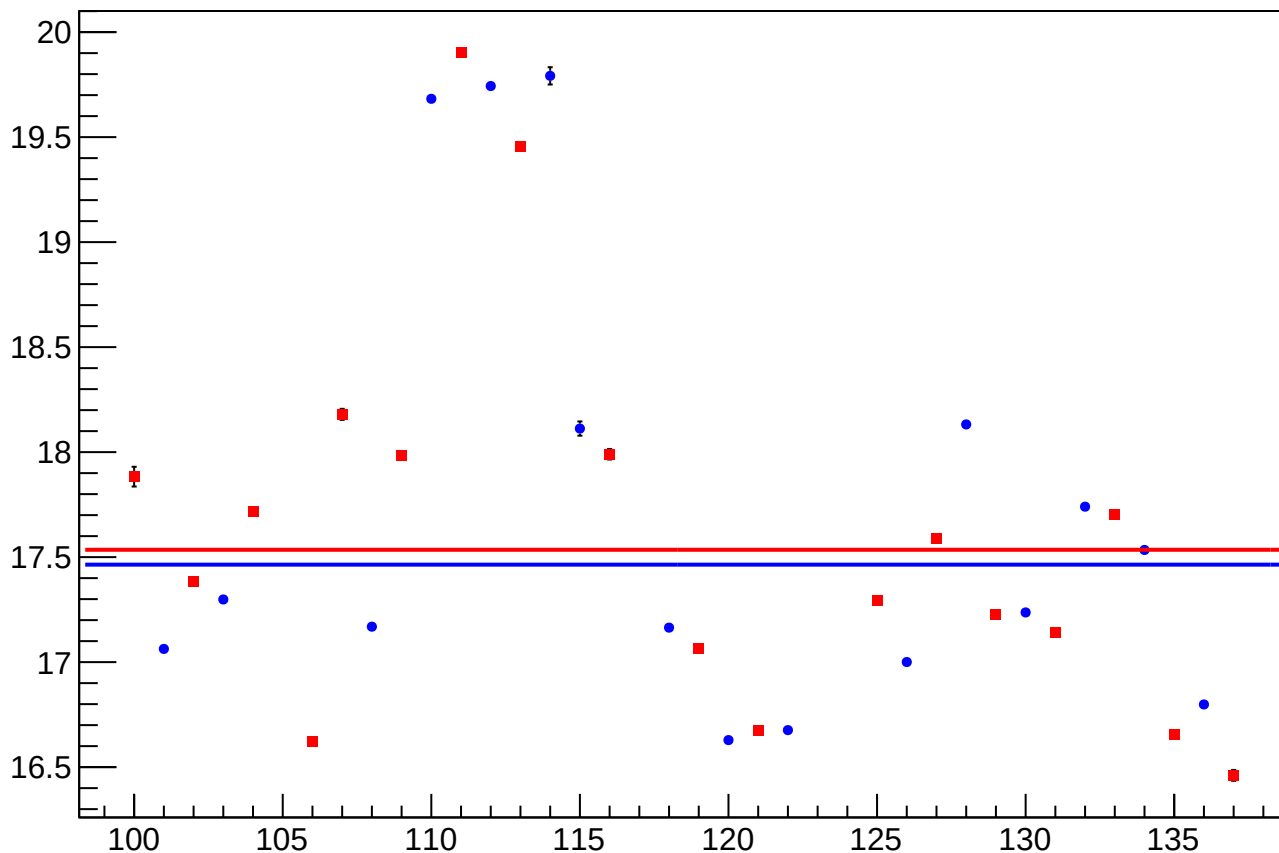
Right: -3.773+/-4.586 χ^2/NDF : 21.8/33

In: -1.331+/-6.499 χ^2/NDF :8.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.773+/-4.586 χ^2/NDF : 21.8/33

asym_bcm_dg_ds_an_us_dd_rms vs Slug, Sign Corrected



Right In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.535+/-0.005 χ^2/NDF : 34475.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

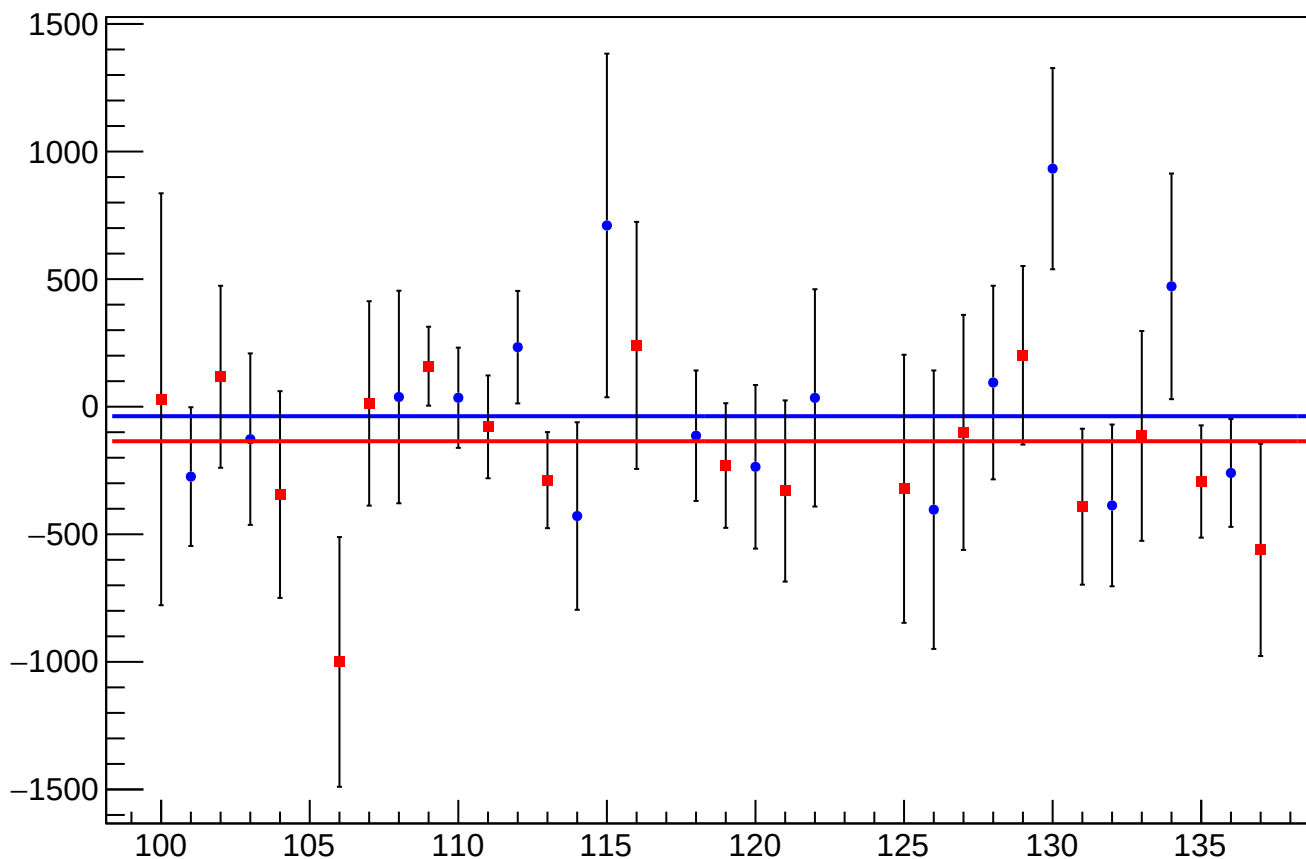
Right: 17.500+/-0.003 χ^2/NDF : 71244.5/33

In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.500+/-0.003 χ^2/NDF : 71244.5/33

asym_bcm_dg_us_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -37.241 ± 76.915 χ^2/NDF : 15.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -135.279 ± 69.157 χ^2/NDF : 12.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

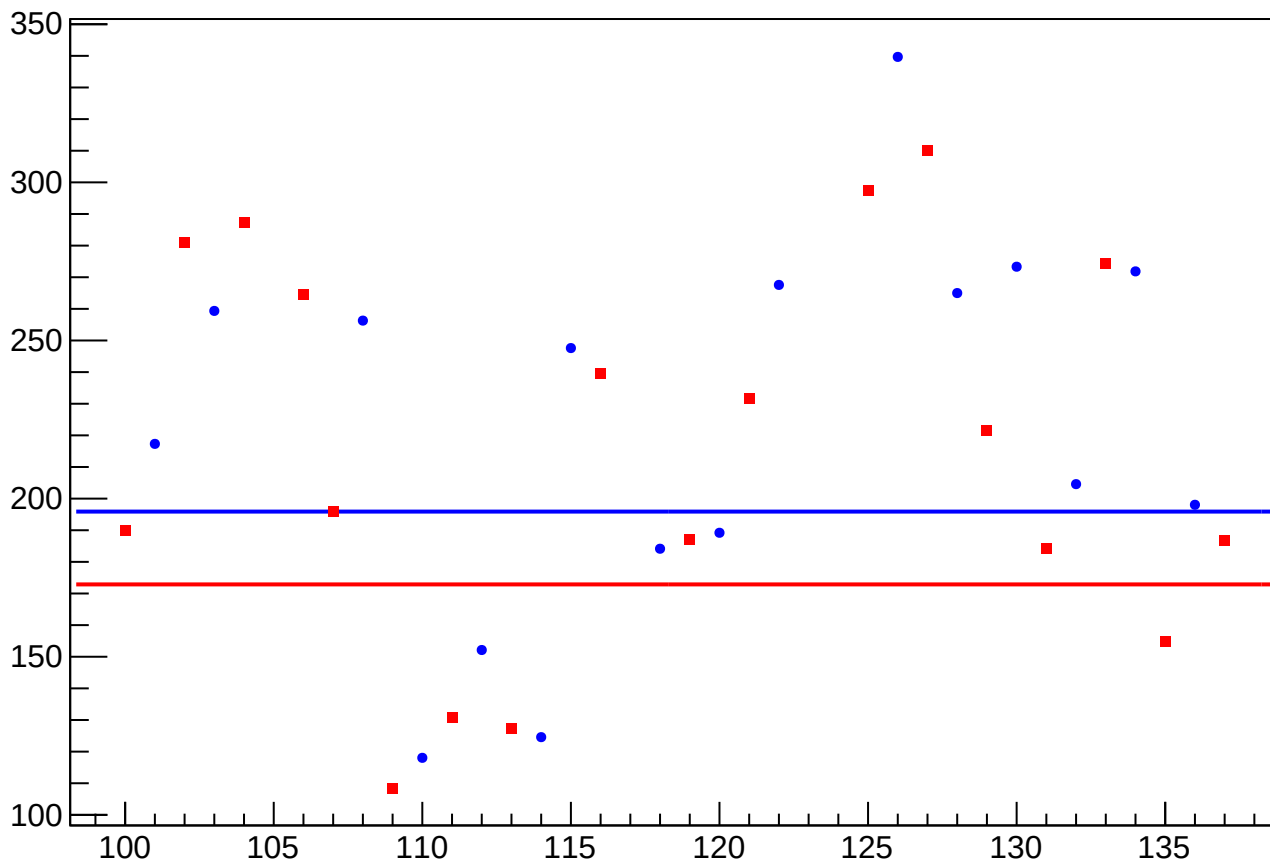
Right: -91.452 ± 51.426 χ^2/NDF : 29.3/33

In: -37.241 ± 76.915 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -91.452 ± 51.426 χ^2/NDF : 29.3/33

asym_bcm_dg_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 195.900+/-0.054 χ^2/NDF : 1011012.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.873+/-0.049 χ^2/NDF : 1543258.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

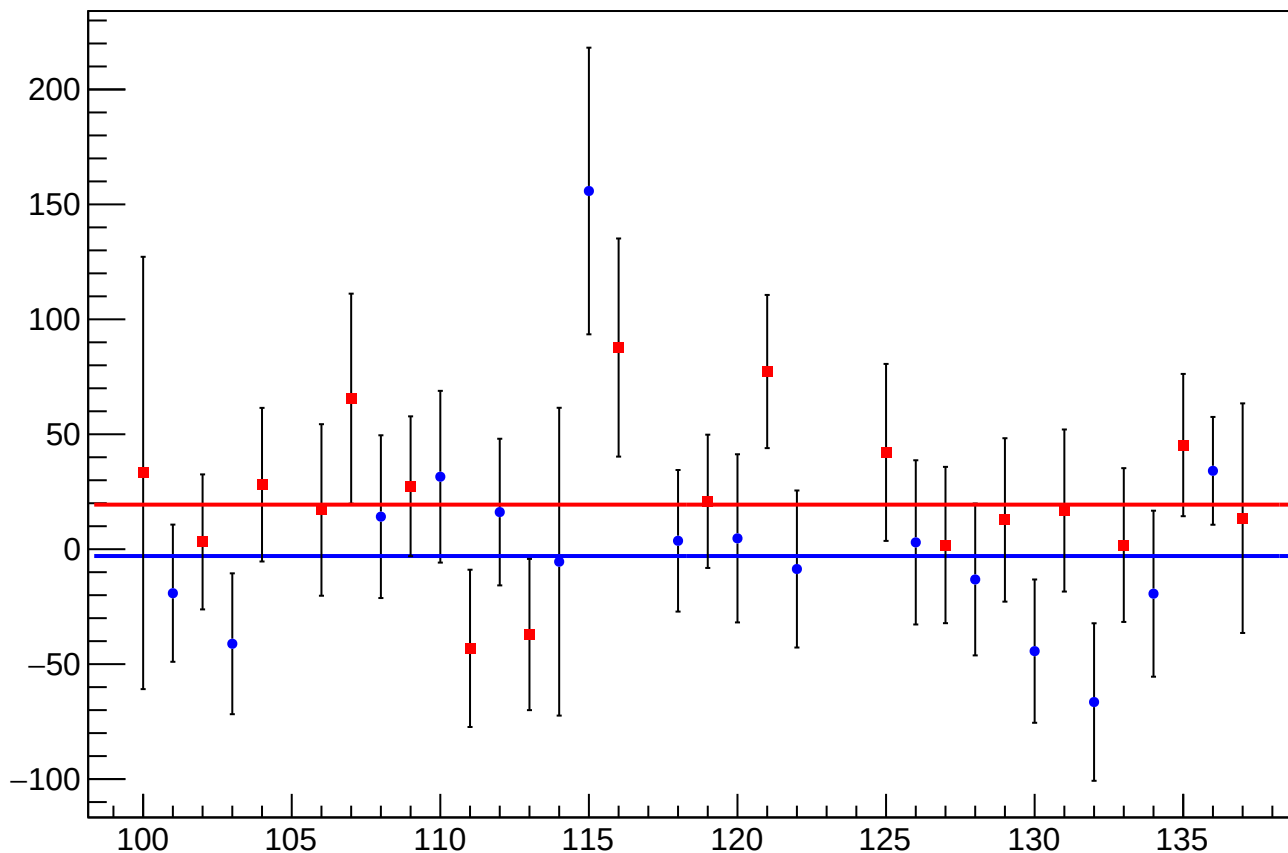
Right: 183.167+/-0.036 χ^2/NDF : 2653391.3/33

In: 195.900+/-0.054 χ^2/NDF : 1011012.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.167+/-0.036 χ^2/NDF : 2653391.3/33

asym_bcm_dg_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -2.967 ± 8.454 χ^2/NDF : 17.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 19.387 ± 8.381 χ^2/NDF : 14.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

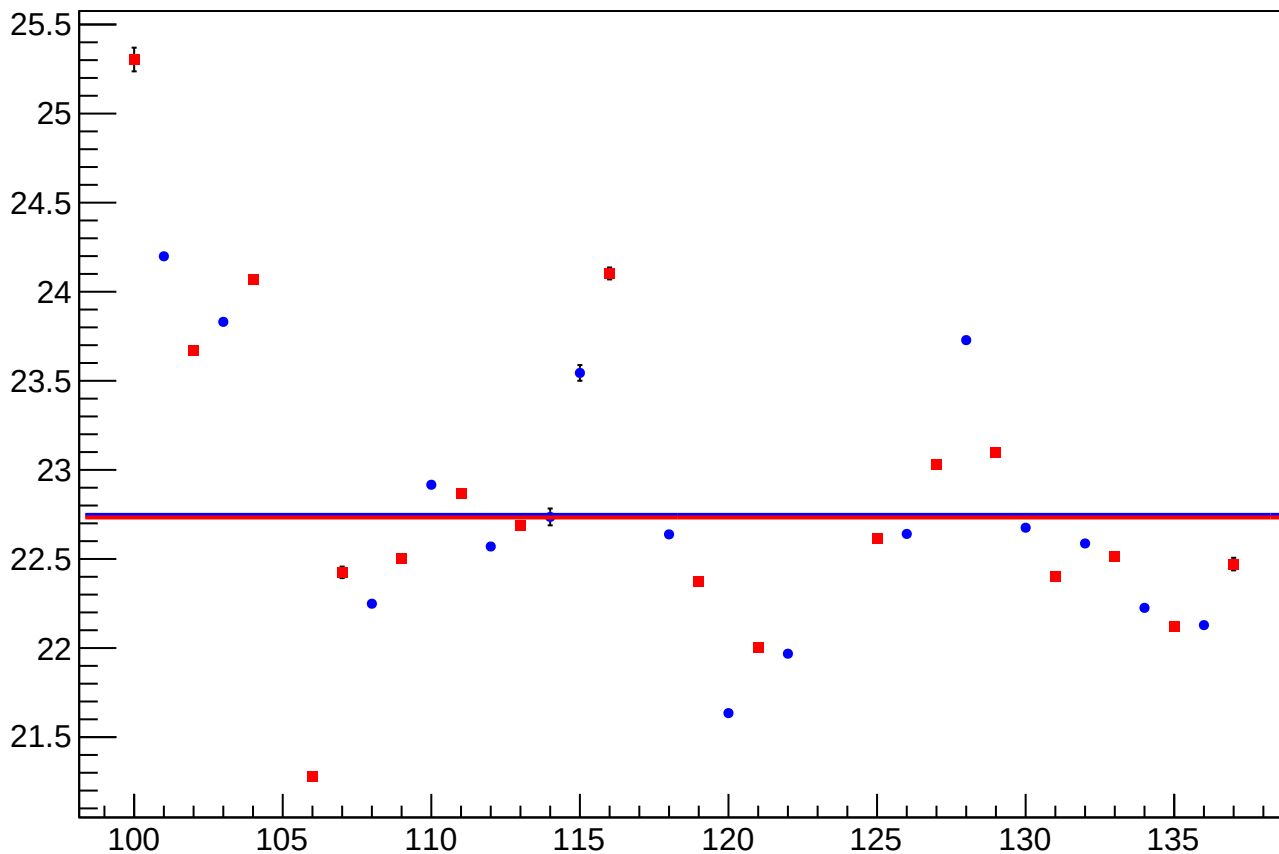
Right: 8.306 ± 5.952 χ^2/NDF : 36.0/33

In: -2.967 ± 8.454 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.306 ± 5.952 χ^2/NDF : 36.0/33

asym_bcm_dg_us_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 22.747 $\pm$ 0.006 χ^2 /NDF: 14622.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.733 $\pm$ 0.006 χ^2 /NDF: 14389.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

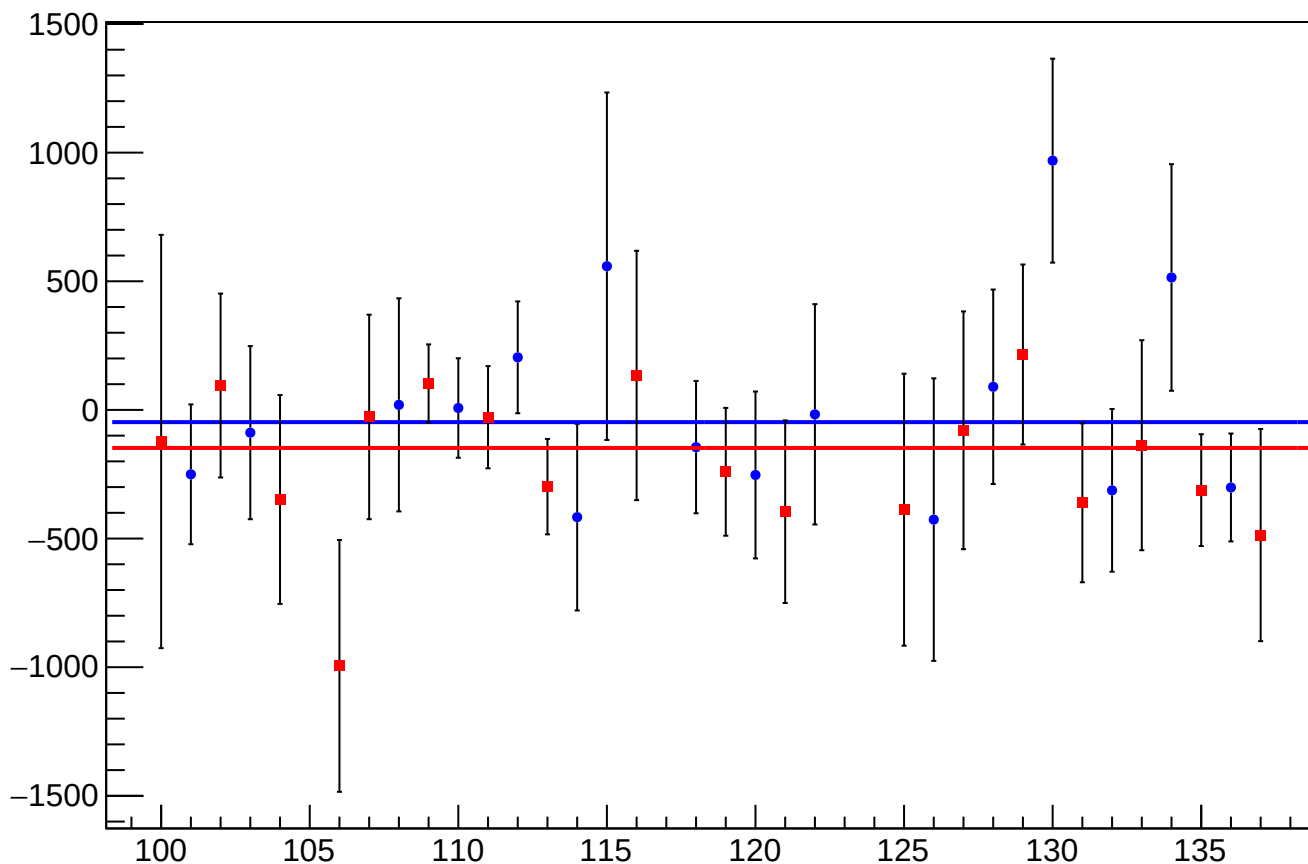
Right: 22.740 $\pm$ 0.004 χ^2 /NDF: 29015.4/33

In: 22.747 $\pm$ 0.006 χ^2 /NDF:14622.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.740 $\pm$ 0.004 χ^2 /NDF: 29015.4/33

asym_bcm_dg_ds_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -47.523+/-76.571 χ^2/NDF : 15.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -147.812+/-68.660 χ^2/NDF : 11.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

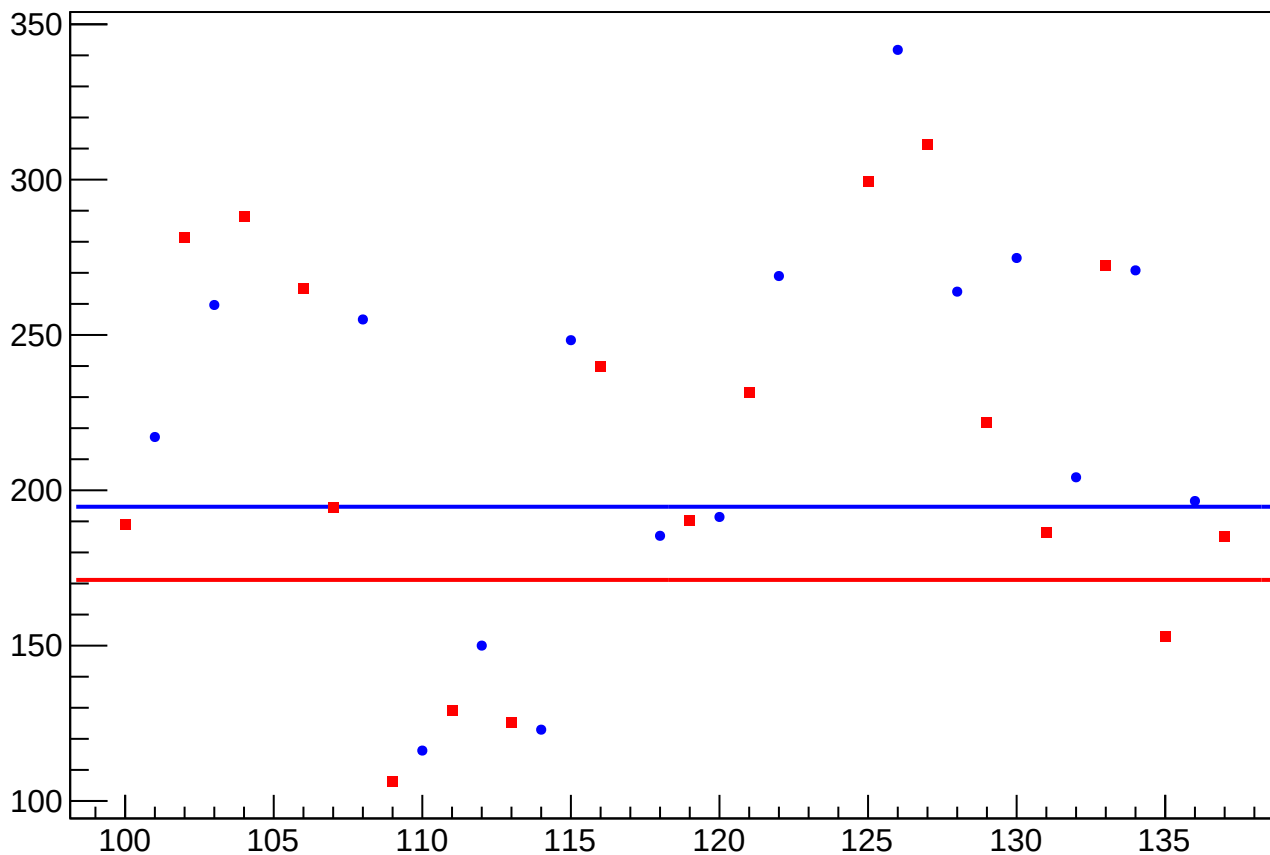
Right: -103.114+/-51.119 χ^2/NDF : 27.9/33

In: -47.523+/-76.571 χ^2/NDF : 15.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.114+/-51.119 χ^2/NDF : 27.9/33

asym_bcm_dg_ds_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 194.708+/-0.054 χ^2/NDF : 1052288.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 171.156+/-0.049 χ^2/NDF : 1611935.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

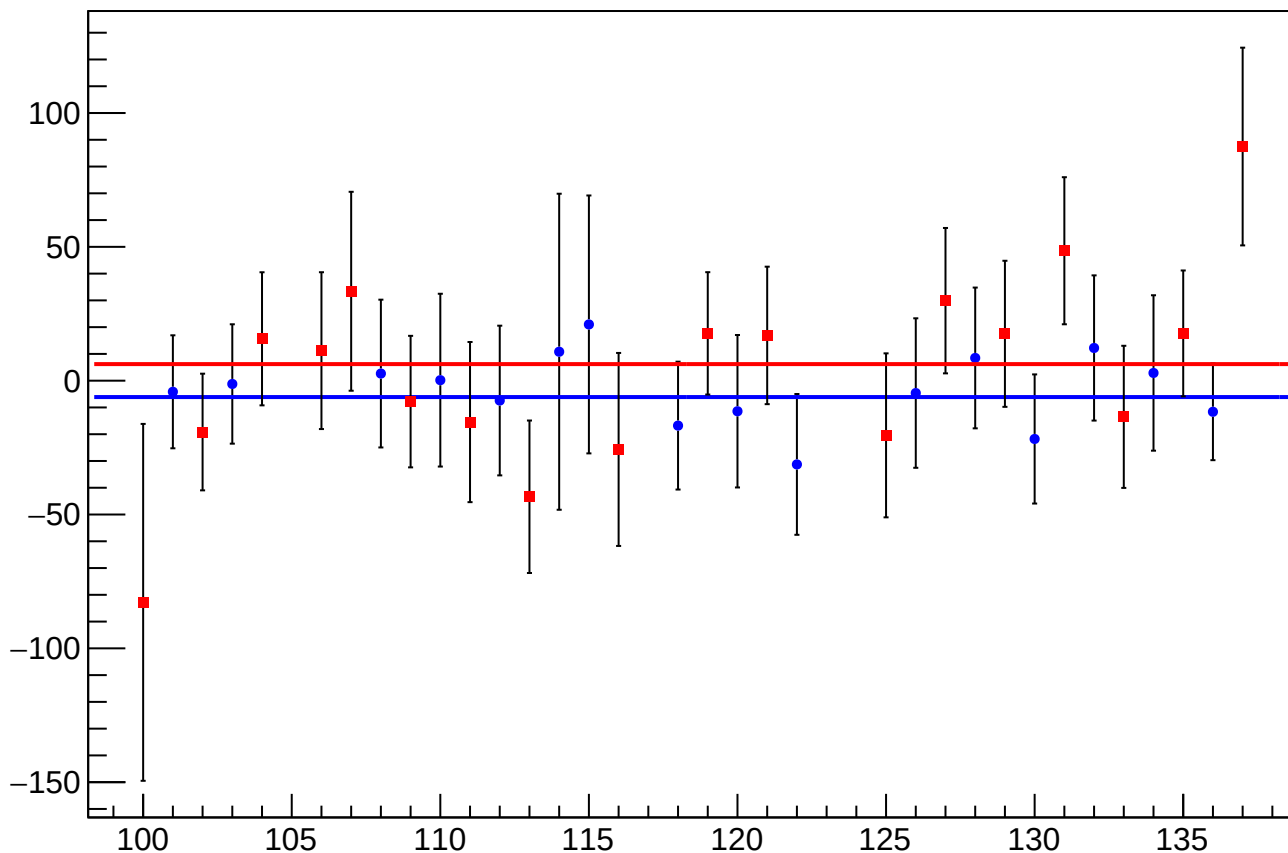
Right: 181.653+/-0.036 χ^2/NDF : 2769105.7/33

In: 194.708+/-0.054 χ^2/NDF :1052288.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.653+/-0.036 χ^2/NDF : 2769105.7/33

asym_bcm_dg_ds_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -6.119+/-6.592 χ^2/NDF : 3.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.195+/-6.580 χ^2/NDF : 18.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

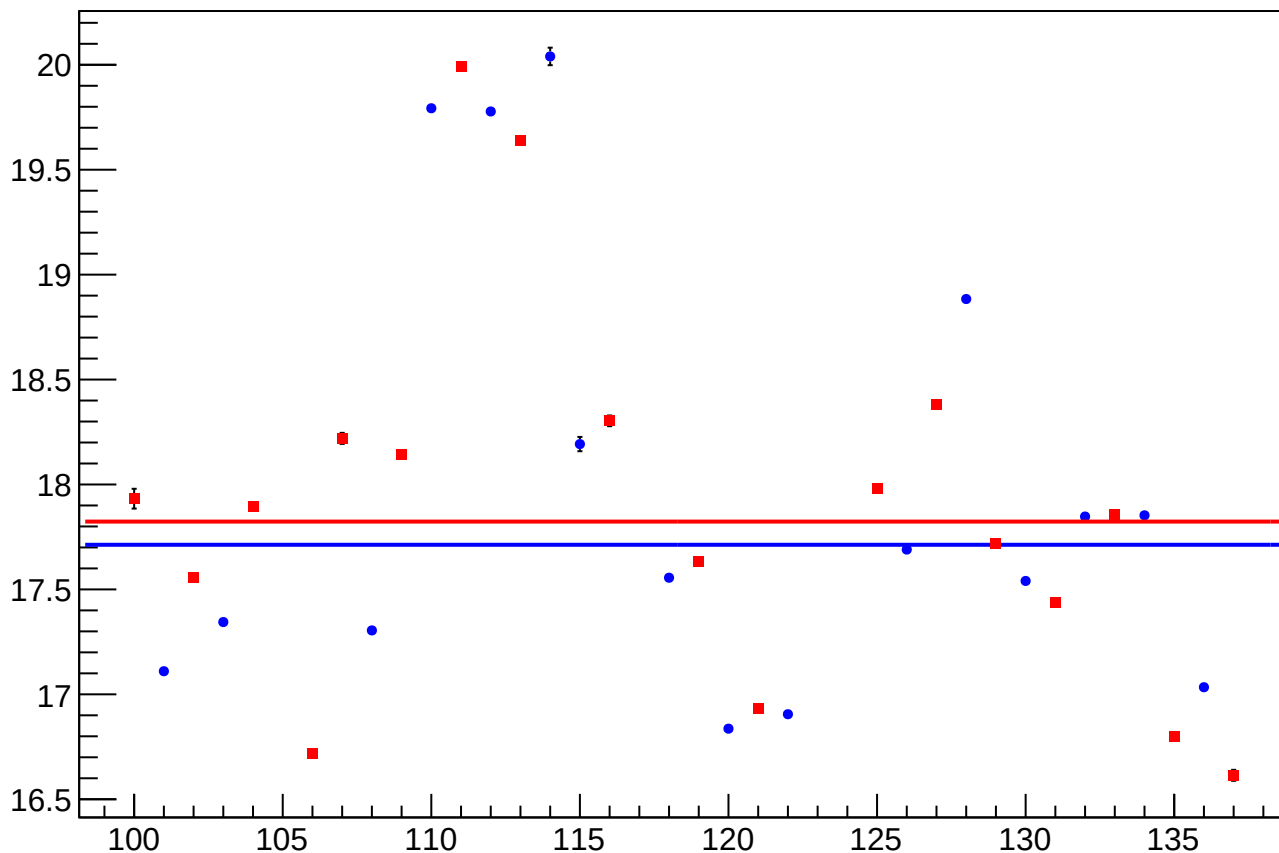
Right: 0.049+/-4.657 χ^2/NDF : 23.5/33

In: -6.119+/-6.592 χ^2/NDF : 3.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.049+/-4.657 χ^2/NDF : 23.5/33

asym_bcm_dg_ds_an_ds_dd_rms vs Slug, Sign Corrected



Right In: 17.713+/-0.005 χ^2/NDF : 35983.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.823+/-0.005 χ^2/NDF : 32502.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

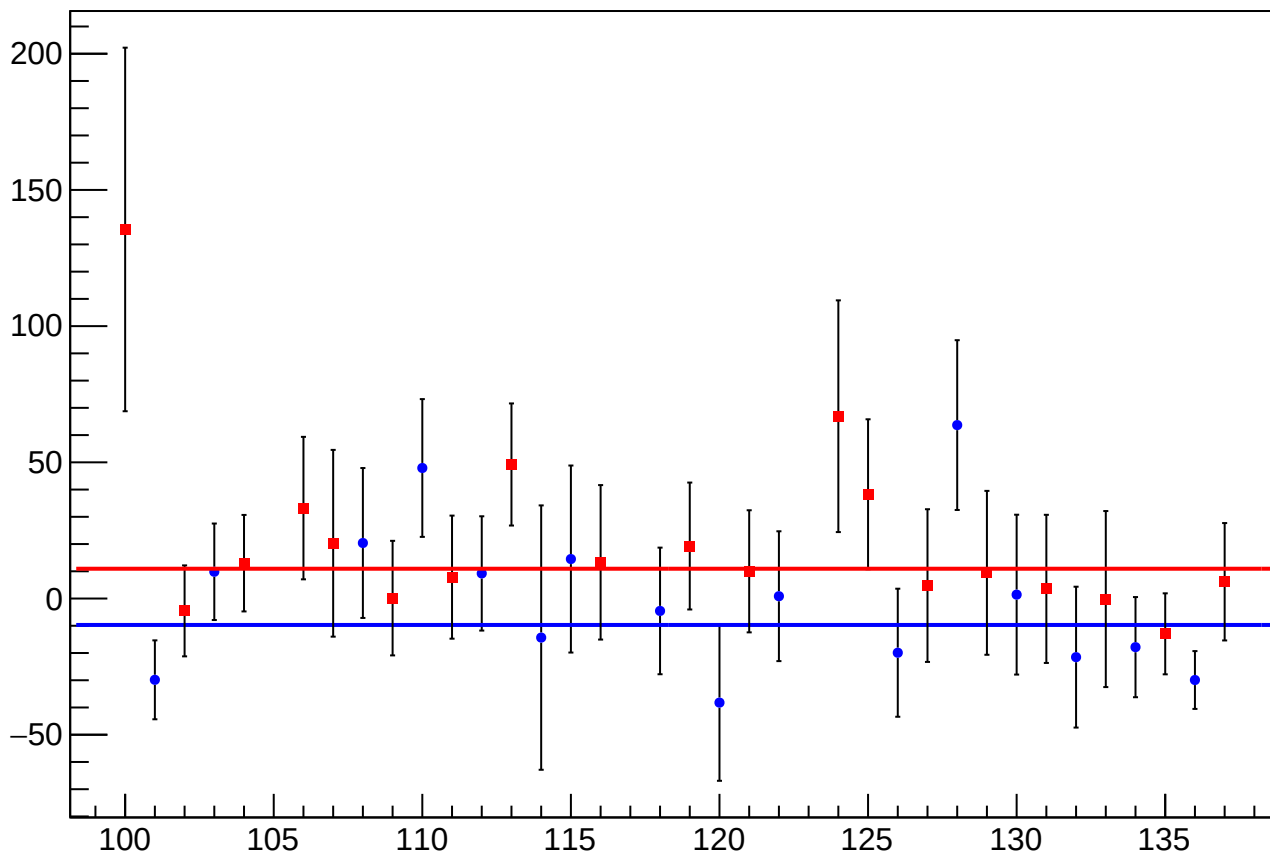
Right: 17.768+/-0.003 χ^2/NDF : 68768.1/33

In: 17.713+/-0.005 χ^2/NDF : 35983.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.768+/-0.003 χ^2/NDF : 68768.1/33

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -9.702+/-5.231 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.938+/-5.436 χ^2/NDF : 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

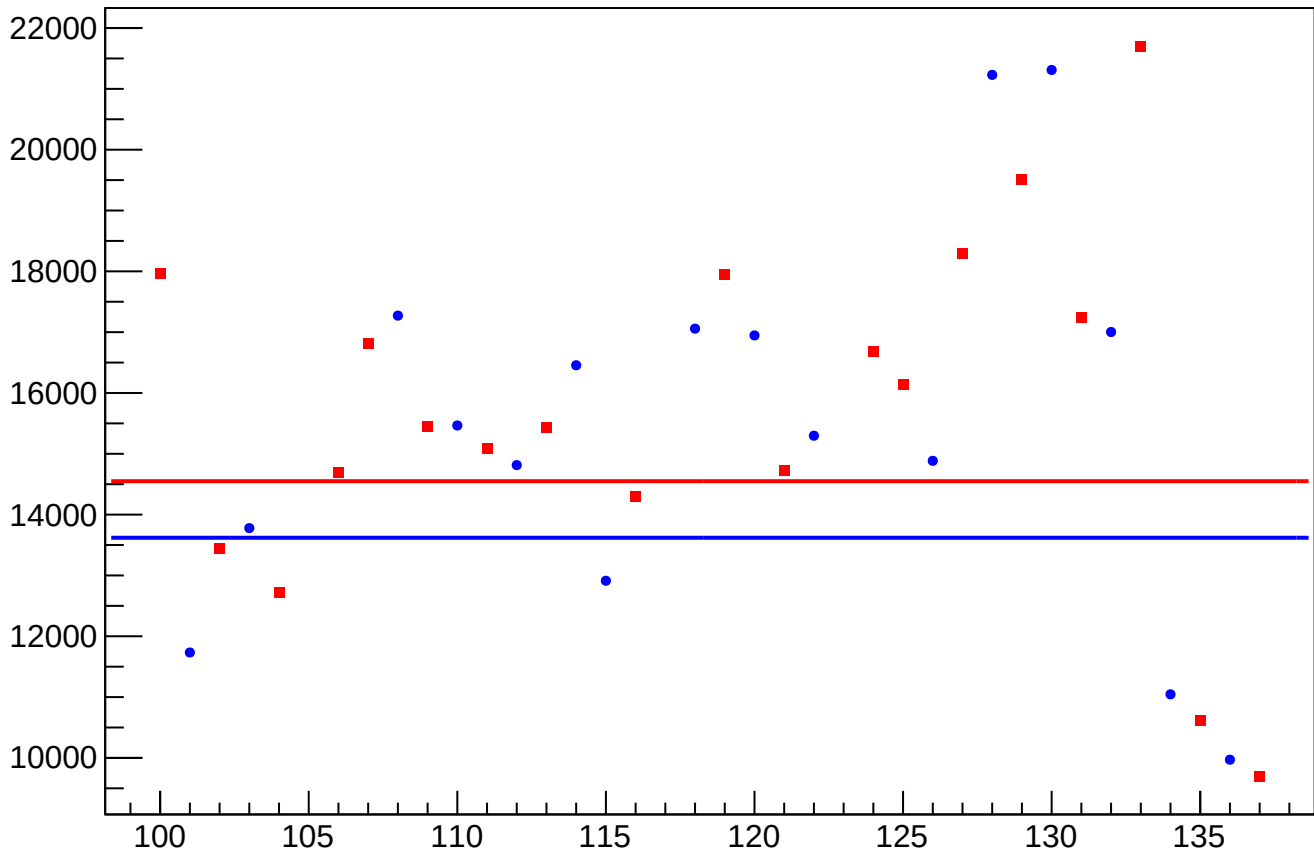
Right: 0.222+/-3.769 χ^2/NDF : 43.6/34

In: -9.702+/-5.231 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.222+/-3.769 χ^2/NDF : 43.6/34

diff_bpm_4aX_4acX_avg_rms vs Slug, Sign Corrected



Right In: 13619.845+/-3.699 χ^2/NDF : 746985.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14549.658+/-3.844 χ^2/NDF : 555902.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

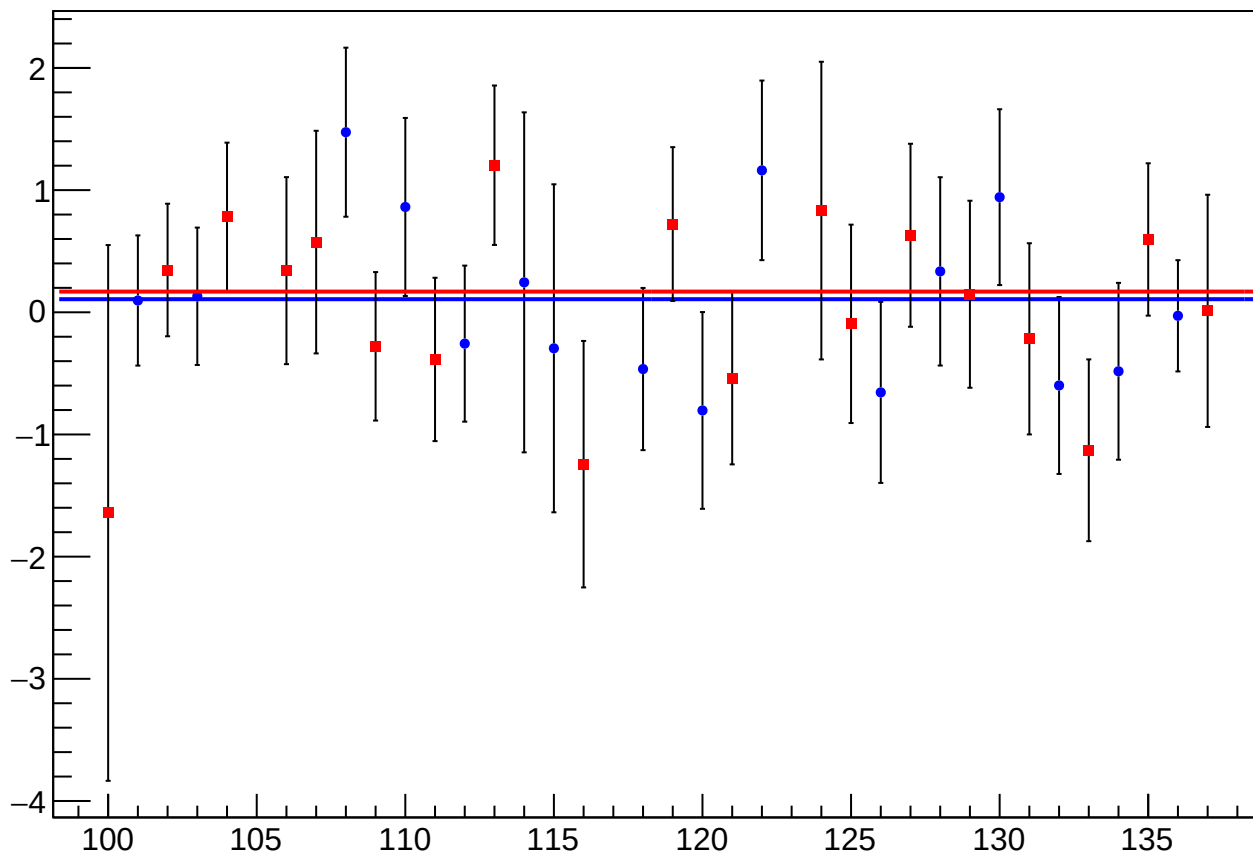
Right: 14066.907+/-2.665 χ^2/NDF : 1333265.9/34

In: 13619.845+/-3.699 χ^2/NDF :746985.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14066.907+/-2.665 χ^2/NDF : 1333265.9/34

diff_bpm_4aX_4acX_dd_mean vs Slug, Sign Corrected



Right In: 0.107 $\pm$ 0.172 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.169 $\pm$ 0.169 χ^2 /NDF: 14.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

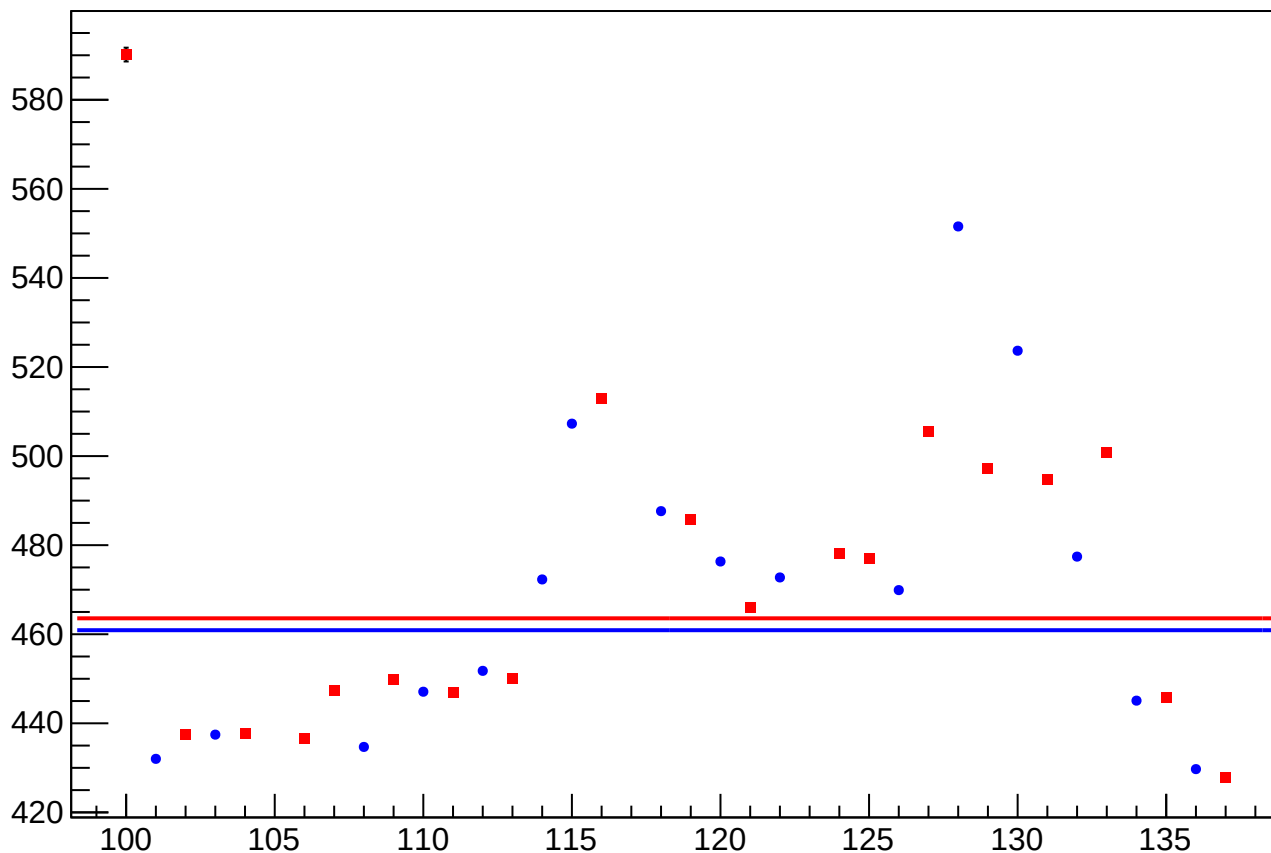
Right: 0.139 $\pm$ 0.121 χ^2 /NDF: 27.8/34

In: 0.107 $\pm$ 0.172 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.139 $\pm$ 0.121 χ^2 /NDF: 27.8/34

diff_bpm_4aX_4acX_dd_rms vs Slug, Sign Corrected



Right In: 460.906+/-0.121 χ^2/NDF : 74930.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 463.573+/-0.120 χ^2/NDF : 52175.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

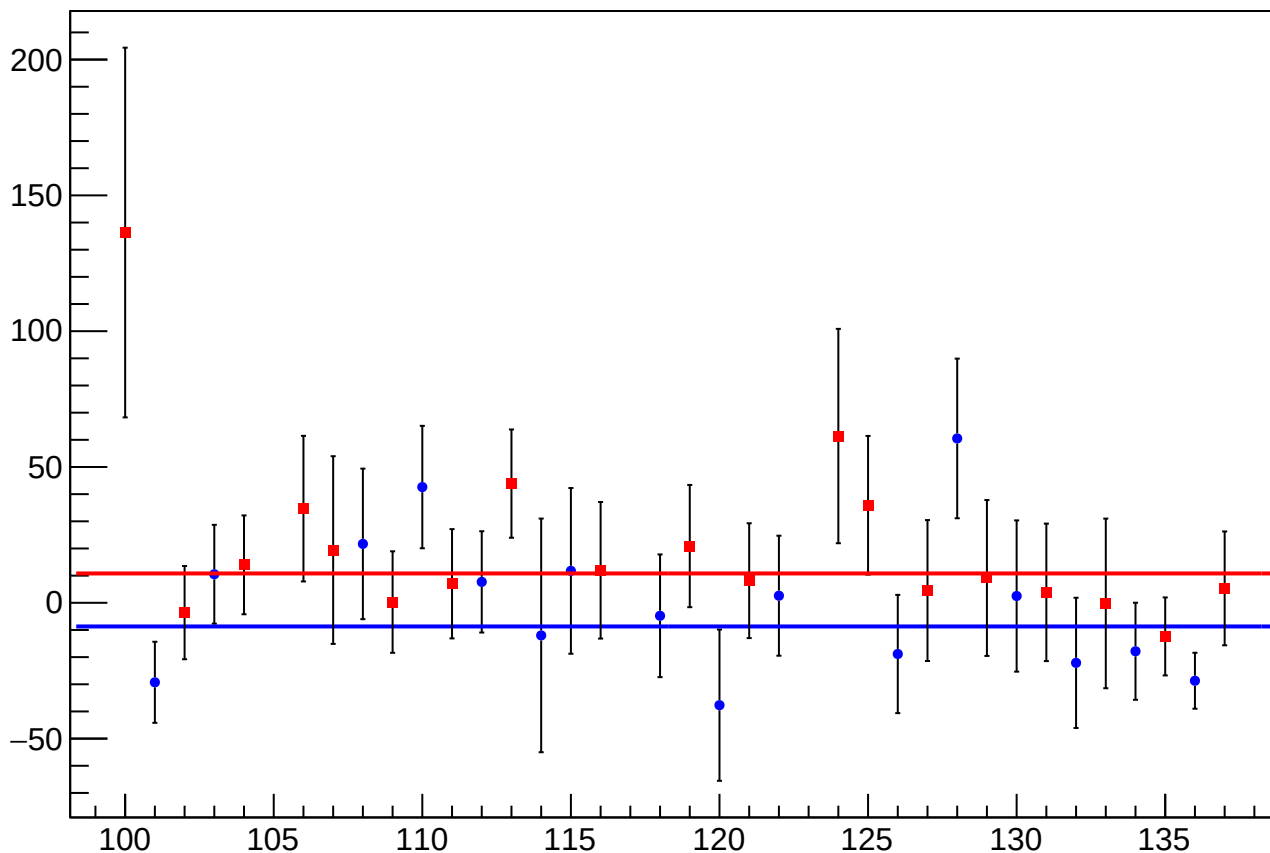
Right: 462.257+/-0.085 χ^2/NDF : 127350.1/34

In: 460.906+/-0.121 χ^2/NDF : 74930.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.257+/-0.085 χ^2/NDF : 127350.1/34

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -8.707 $\pm$ 5.036 χ^2 /NDF: 22.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.807 $\pm$ 5.192 χ^2 /NDF: 13.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

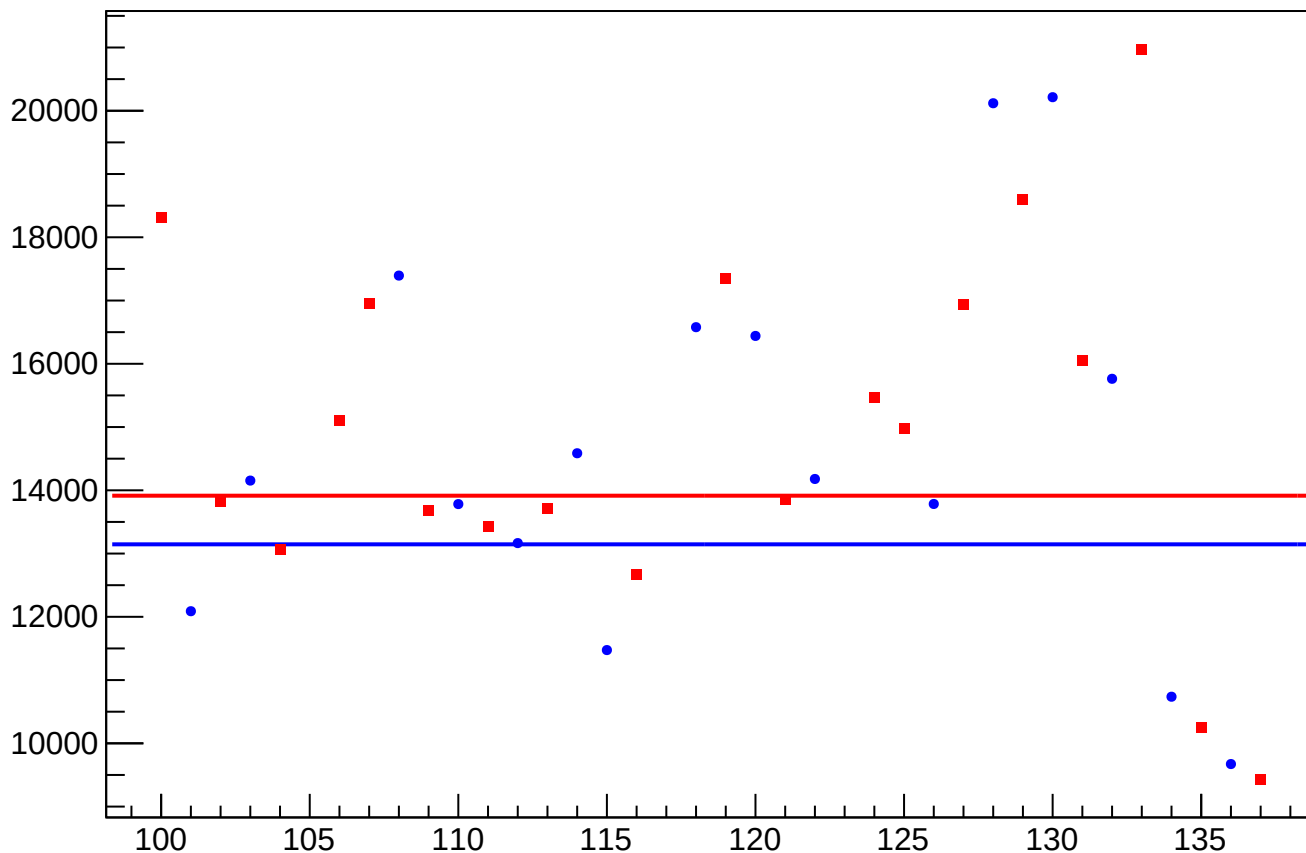
Right: 0.753 $\pm$ 3.615 χ^2 /NDF: 43.4/34

In: -8.707 $\pm$ 5.036 χ^2 /NDF:22.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.753 $\pm$ 3.615 χ^2 /NDF: 43.4/34

diff_bpm_4aX_4eX_avg_rms vs Slug, Sign Corrected



Right In: 13145.853+/-3.561 χ^2/NDF : 682620.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13914.770+/-3.671 χ^2/NDF : 511000.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

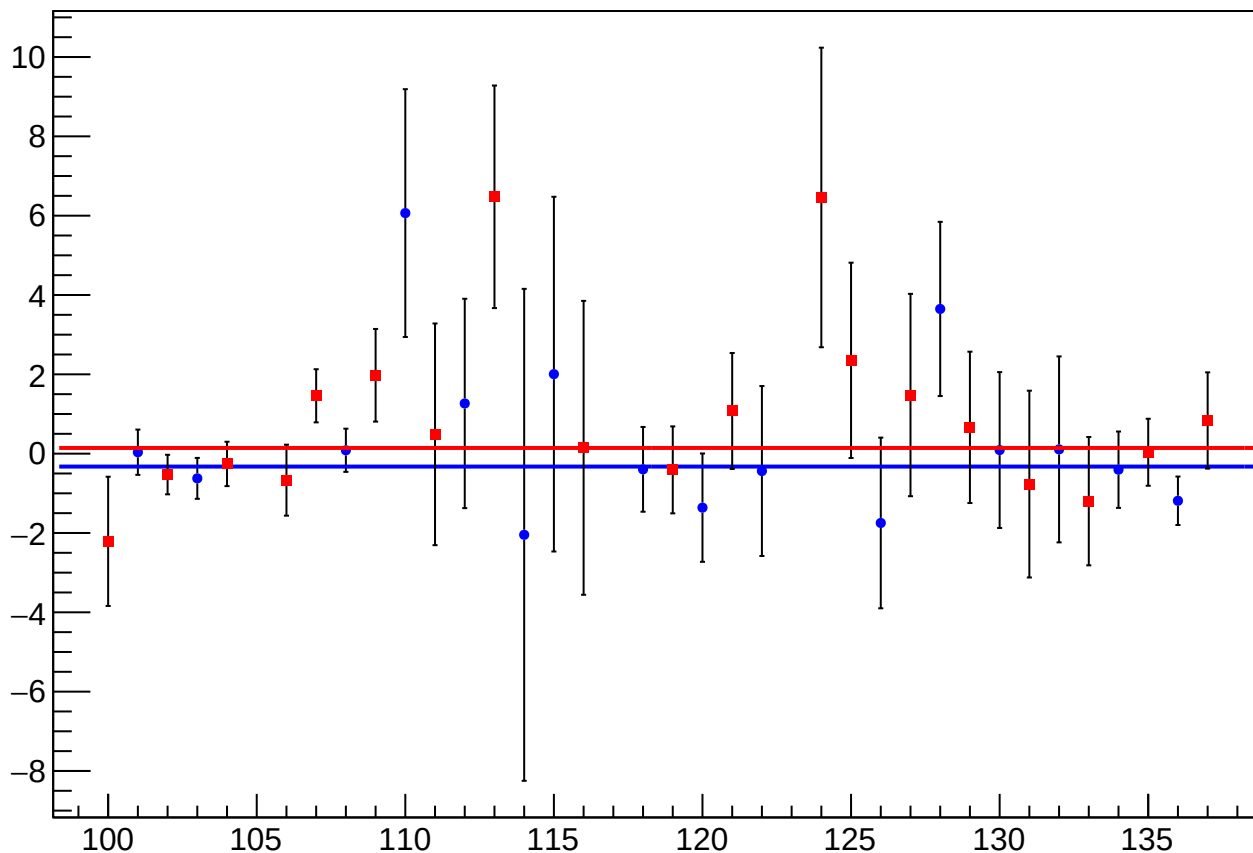
Right: 13518.600+/-2.556 χ^2/NDF : 1216225.3/34

In: 13145.853+/-3.561 χ^2/NDF : 682620.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13518.600+/-2.556 χ^2/NDF : 1216225.3/34

diff_bpm_4aX_4eX_dd_mean vs Slug, Sign Corrected



Right In: -0.326+/-0.244 χ^2/NDF : 12.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.144+/-0.244 χ^2/NDF : 22.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

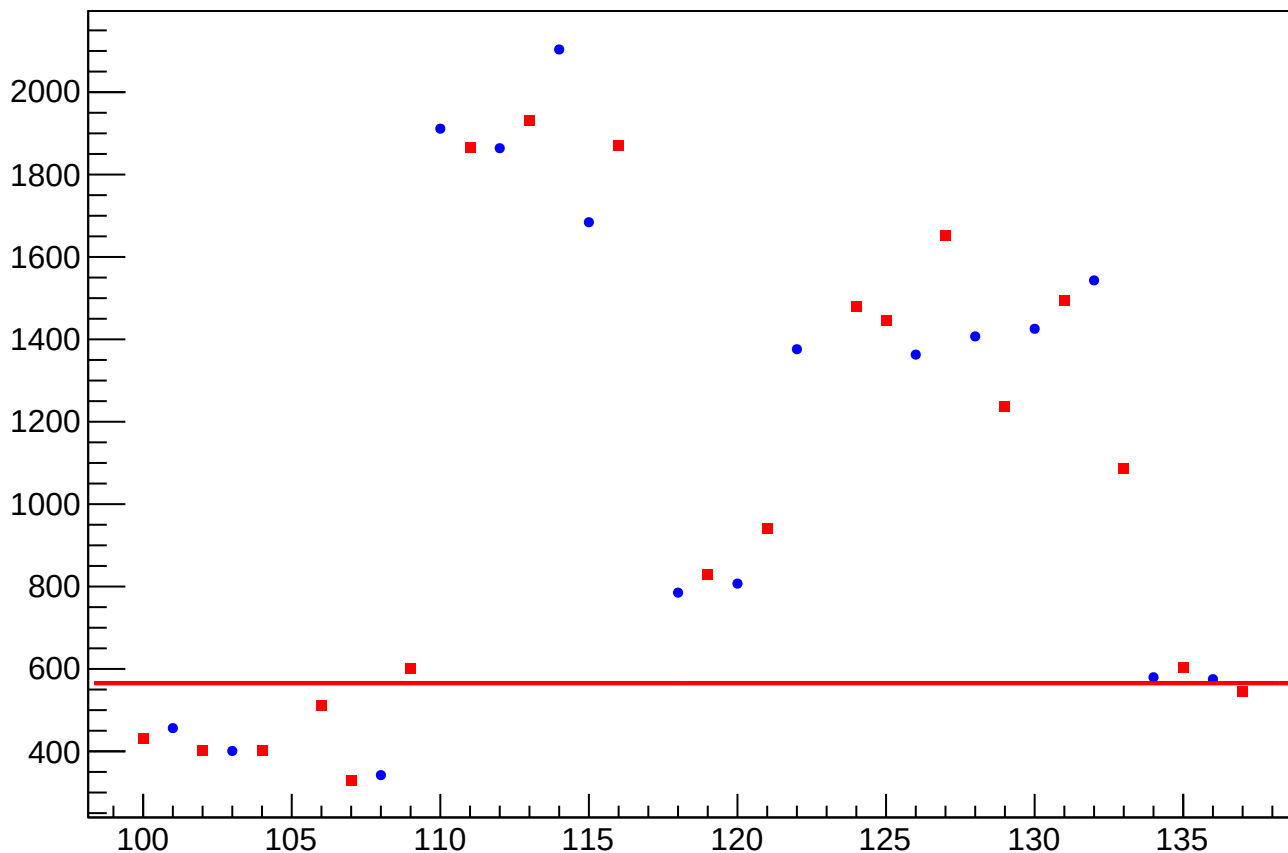
Right: -0.091+/-0.173 χ^2/NDF : 36.9/34

In: -0.326+/-0.244 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.091+/-0.173 χ^2/NDF : 36.9/34

diff_bpm_4aX_4eX_dd_rms vs Slug, Sign Corrected



Right In: 565.531+/-0.173 χ^2/NDF : 3450533.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 565.223+/-0.173 χ^2/NDF : 3571620.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

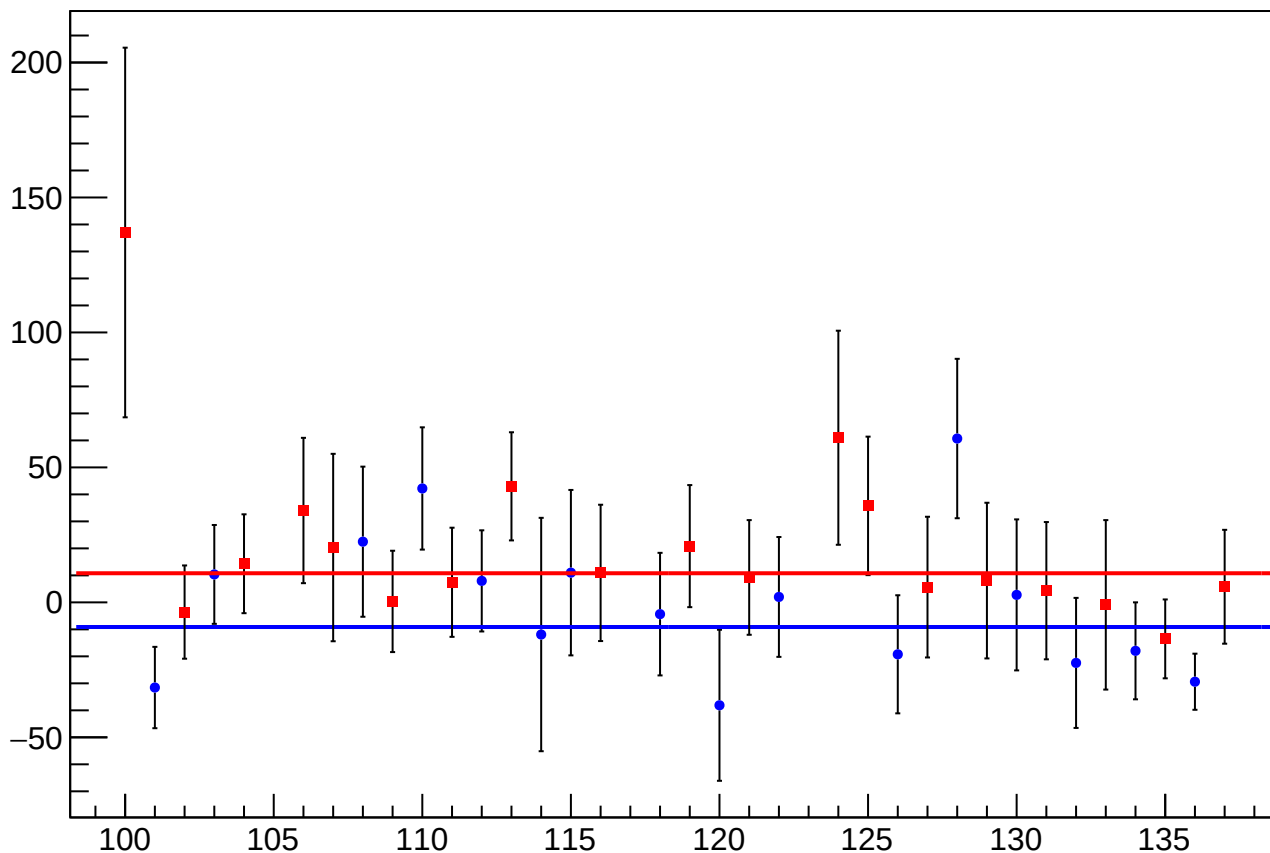
Right: 565.377+/-0.122 χ^2/NDF : 7022156.1/34

In: 565.531+/-0.173 χ^2/NDF : 3450533.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.377+/-0.122 χ^2/NDF : 7022156.1/34

diff_bpm_4aX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -9.130+/-5.069 χ^2/NDF : 22.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.788+/-5.227 χ^2/NDF : 13.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

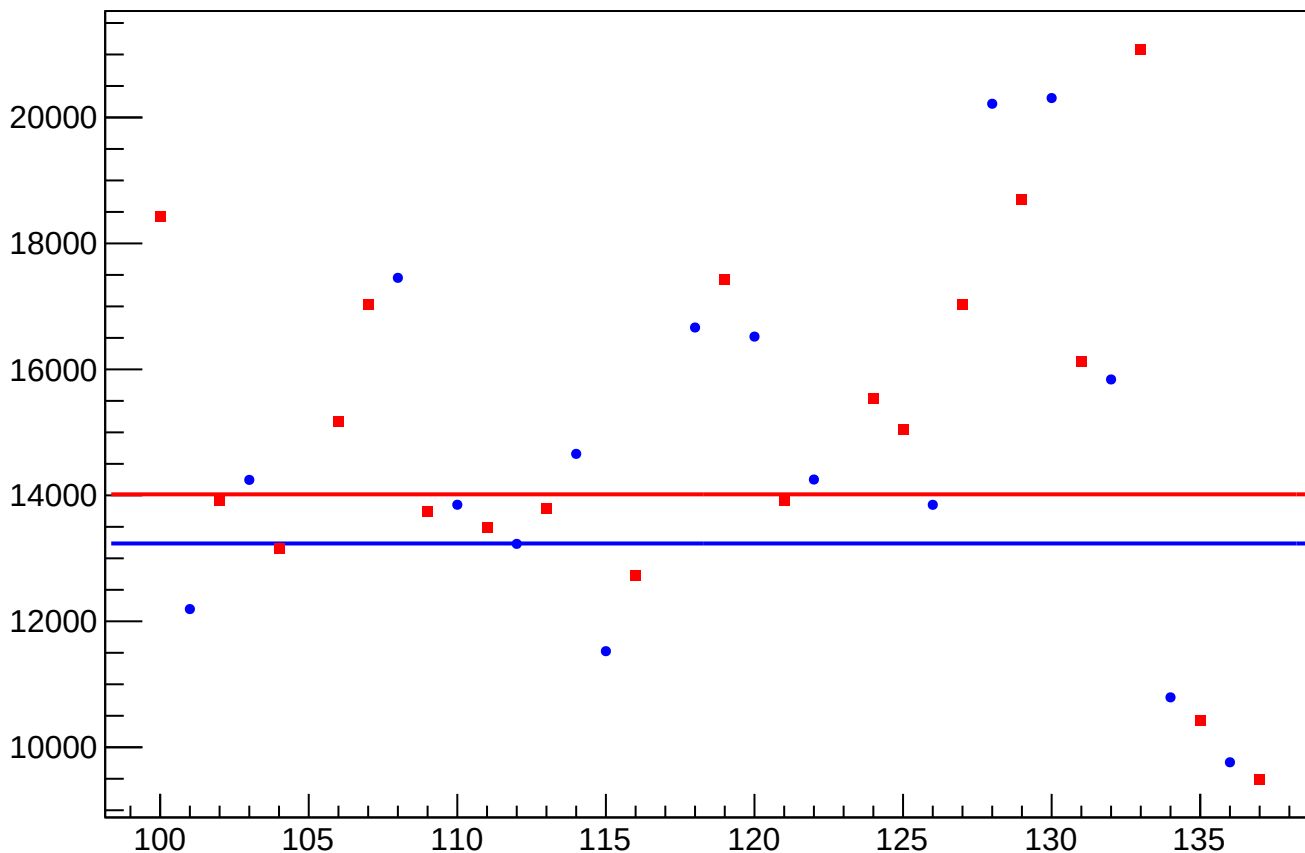
Right: 0.523+/-3.639 χ^2/NDF : 43.9/34

In: -9.130+/-5.069 χ^2/NDF : 22.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.523+/-3.639 χ^2/NDF : 43.9/34

diff_bpm_4aX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 13235.828+/-3.585 χ^2/NDF : 673887.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14016.035+/-3.696 χ^2/NDF : 498592.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

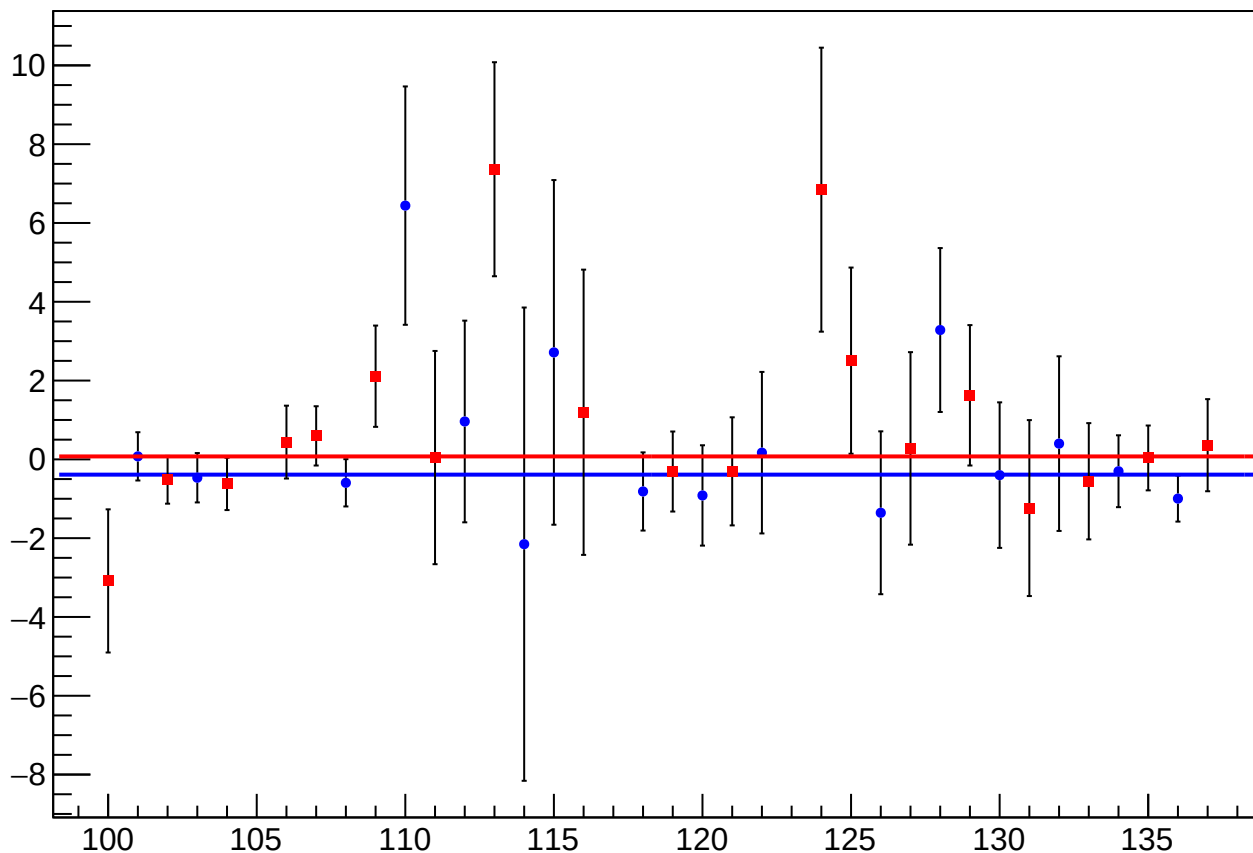
Right: 13613.950+/-2.573 χ^2/NDF : 1195440.4/34

In: 13235.828+/-3.585 χ^2/NDF :673887.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13613.950+/-2.573 χ^2/NDF : 1195440.4/34

diff_bpm_4aX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: -0.388 ± 0.256 χ^2/NDF : 11.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.075 ± 0.265 χ^2/NDF : 21.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

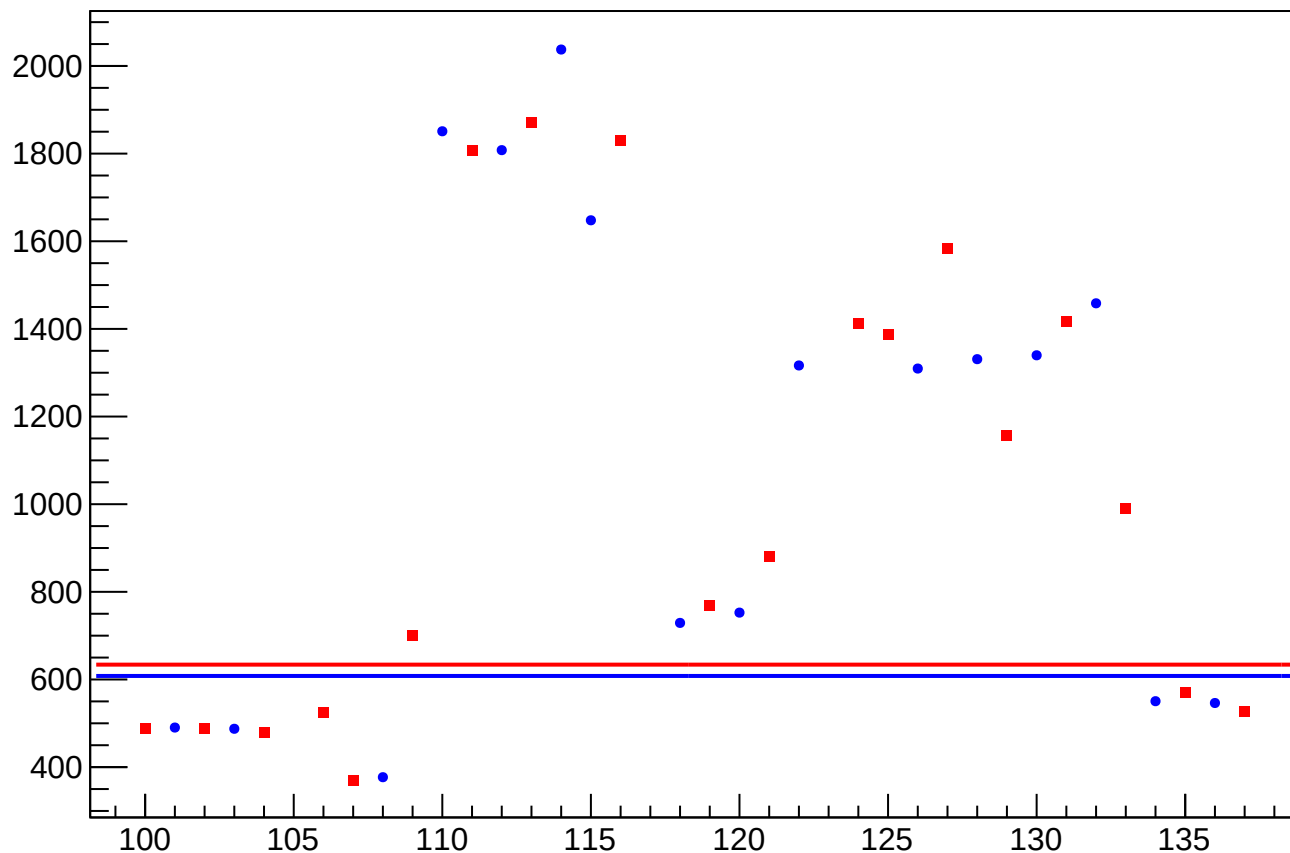
Right: -0.164 ± 0.184 χ^2/NDF : 34.9/34

In: -0.388 ± 0.256 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.164 ± 0.184 χ^2/NDF : 34.9/34

diff_bpm_4aX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 608.063+/-0.181 χ^2/NDF : 2852722.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 633.883+/-0.187 χ^2/NDF : 2788449.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

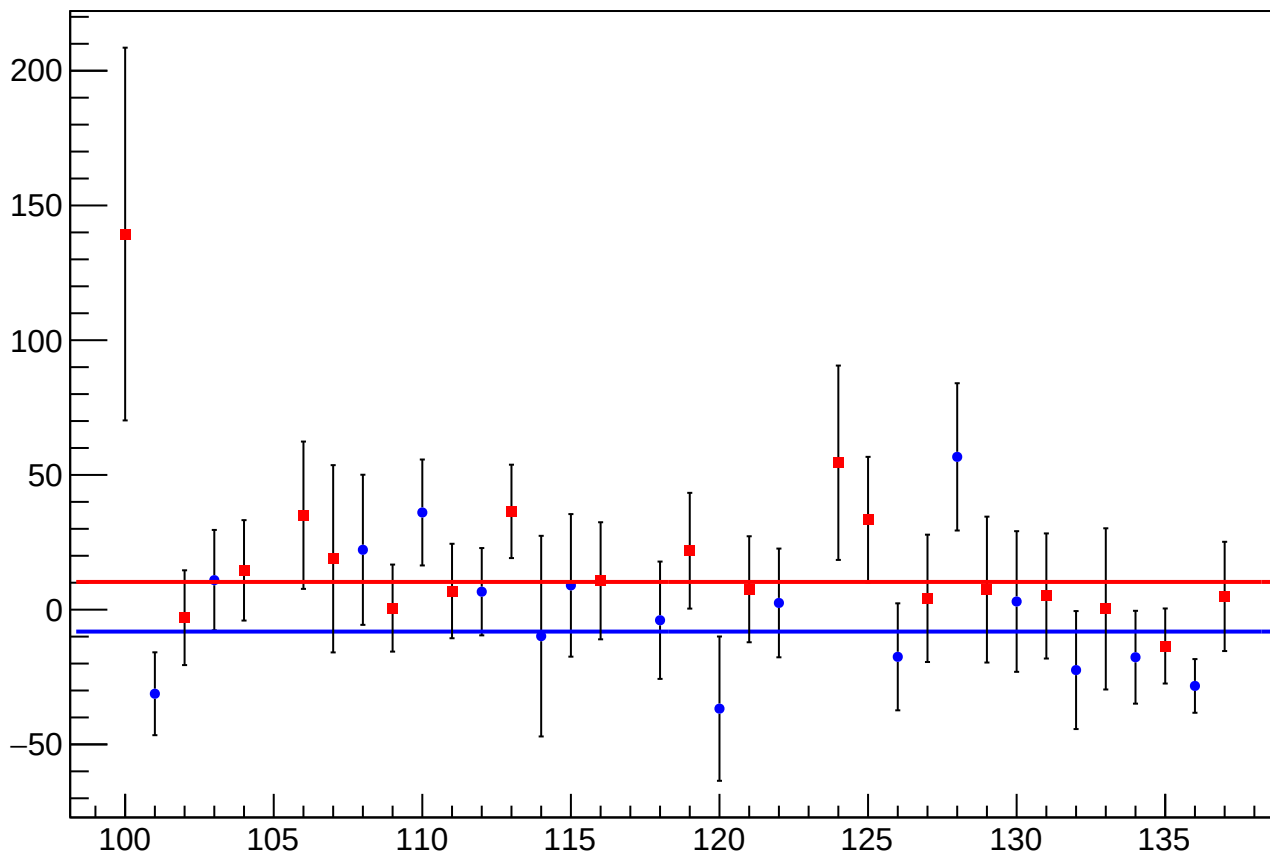
Right: 620.535+/-0.130 χ^2/NDF : 5651022.3/34

In: 608.063+/-0.181 χ^2/NDF :2852722.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 620.535+/-0.130 χ^2/NDF : 5651022.3/34

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -8.132 ± 4.779 χ^2/NDF : 23.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 10.288 ± 4.873 χ^2/NDF : 13.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

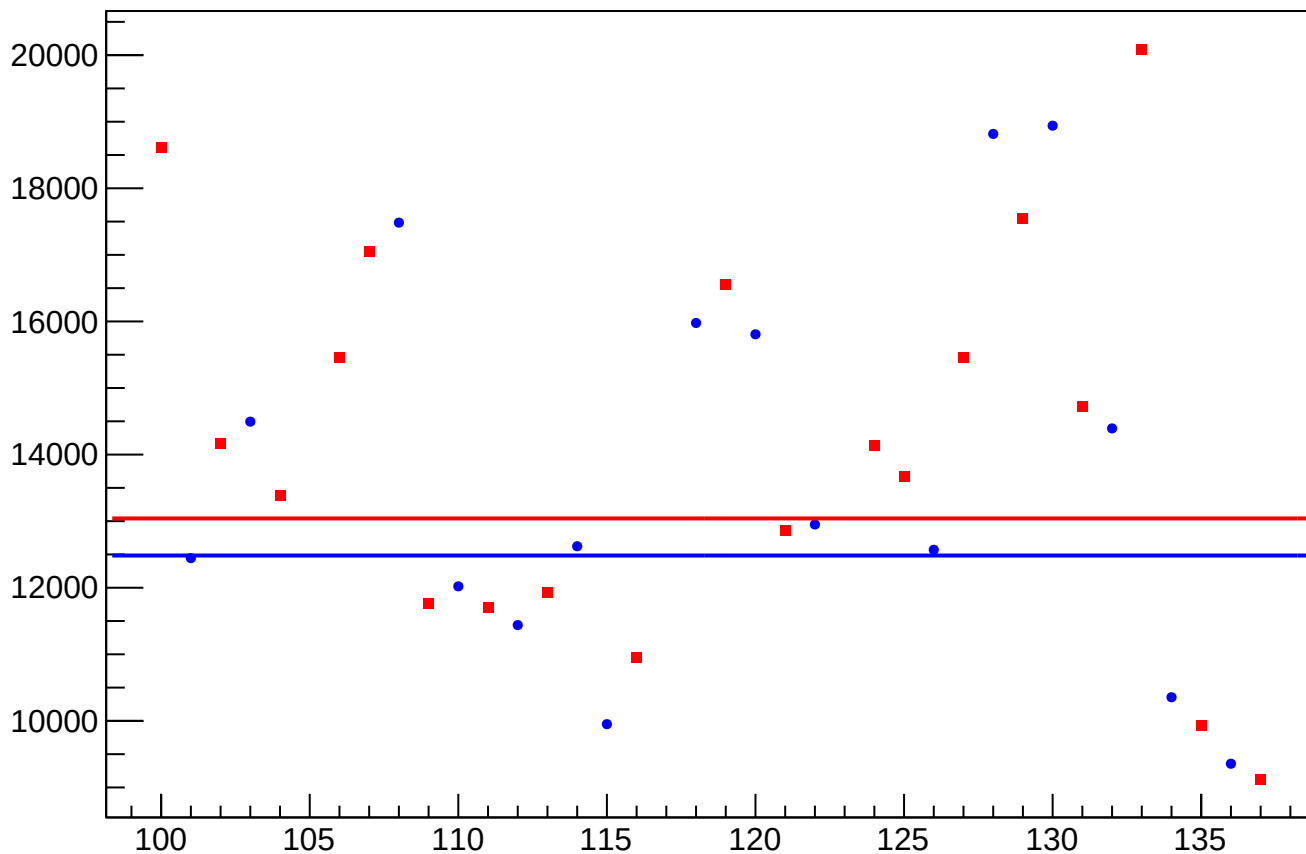
Right: 0.898 ± 3.412 χ^2/NDF : 44.1/34

In: -8.132 ± 4.779 χ^2/NDF : 23.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.898 ± 3.412 χ^2/NDF : 44.1/34

diff_bpm_4eX_4ecX_avg_rms vs Slug, Sign Corrected



Right In: 12483.955+/-3.379 χ^2/NDF : 671560.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13041.241+/-3.446 χ^2/NDF : 544486.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

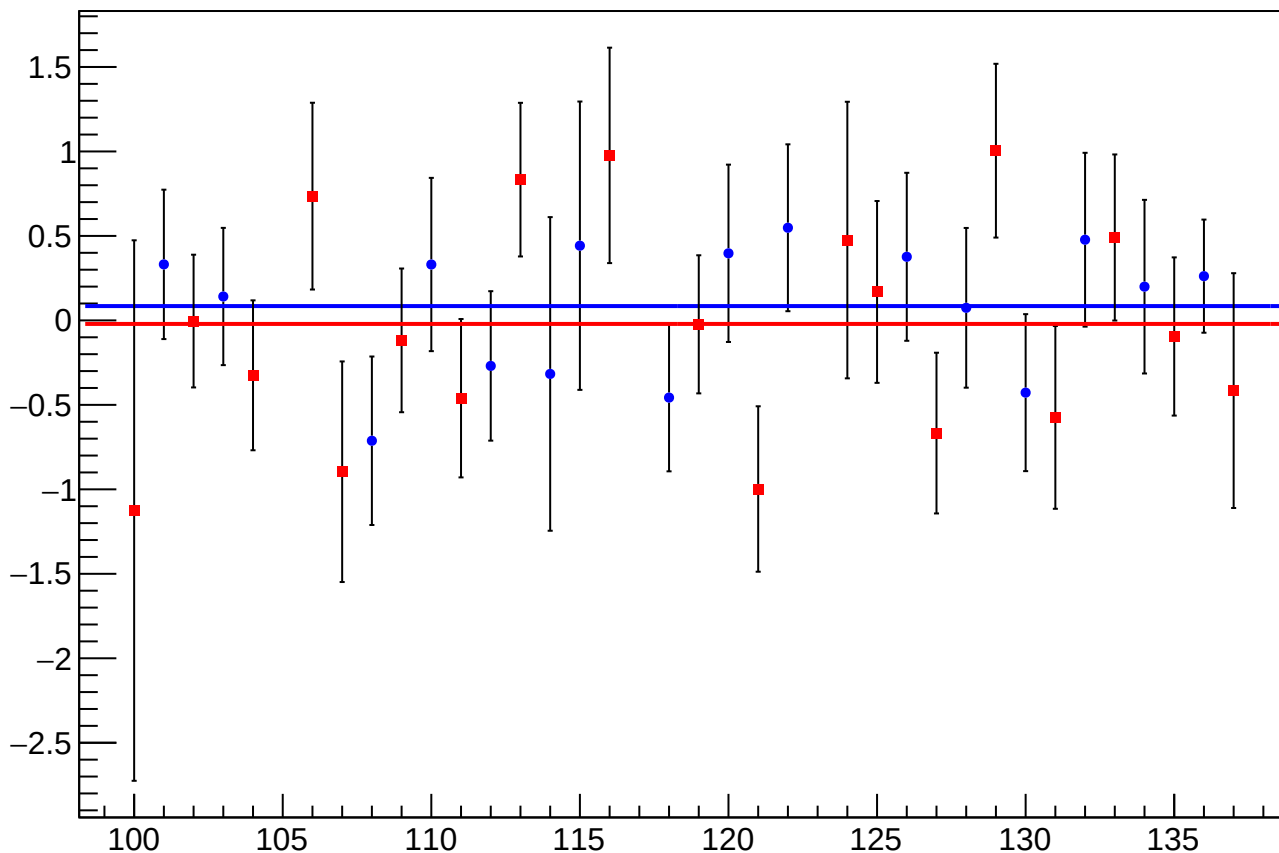
Right: 12757.154+/-2.413 χ^2/NDF : 1229378.8/34

In: 12483.955+/-3.379 χ^2/NDF :671560.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12757.154+/-2.413 χ^2/NDF : 1229378.8/34

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.085+/-0.120 χ^2/NDF : 9.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.021+/-0.117 χ^2/NDF : 24.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

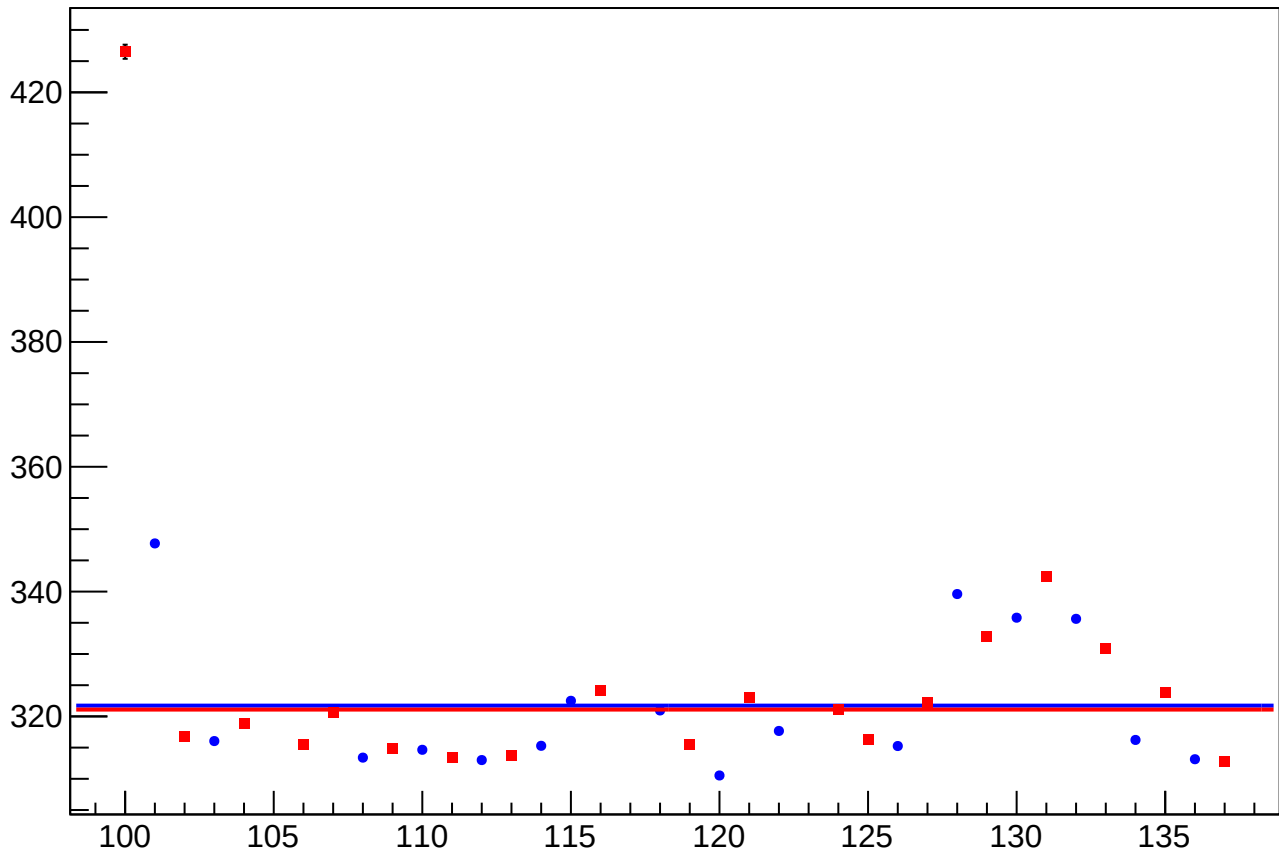
Right: 0.031+/-0.084 χ^2/NDF : 34.1/34

In: 0.085+/-0.120 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.084 χ^2/NDF : 34.1/34

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.727 $\pm$ 0.085 χ^2 /NDF: 18214.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 321.093 $\pm$ 0.083 χ^2 /NDF: 16579.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

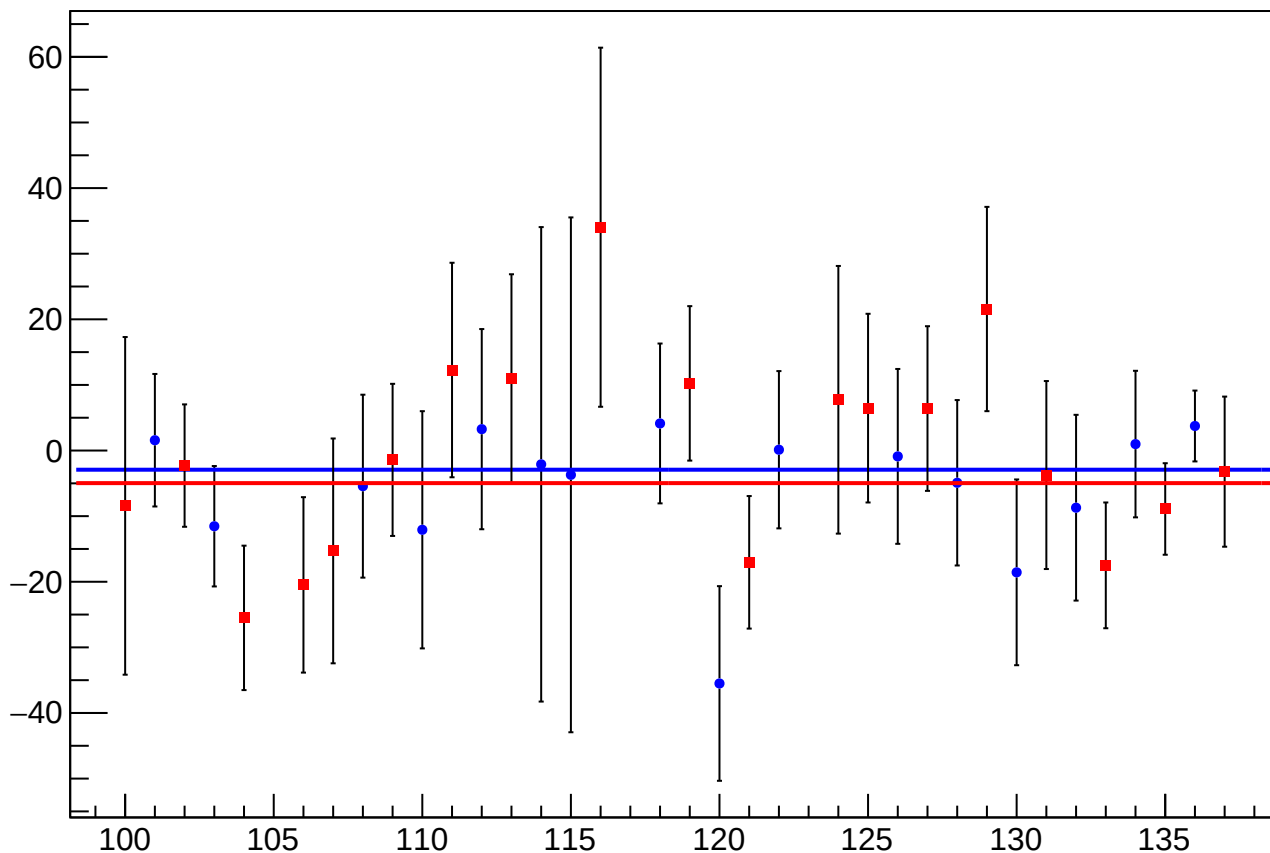
Right: 321.403 $\pm$ 0.059 χ^2 /NDF: 34822.5/34

In: 321.727 $\pm$ 0.085 χ^2 /NDF:18214.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 321.403 $\pm$ 0.059 χ^2 /NDF: 34822.5/34

diff_bpm_4aY_4acY_avg_mean vs Slug, Sign Corrected



Right In: -2.922 ± 2.910 χ^2/NDF : 9.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.965 ± 2.824 χ^2/NDF : 19.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

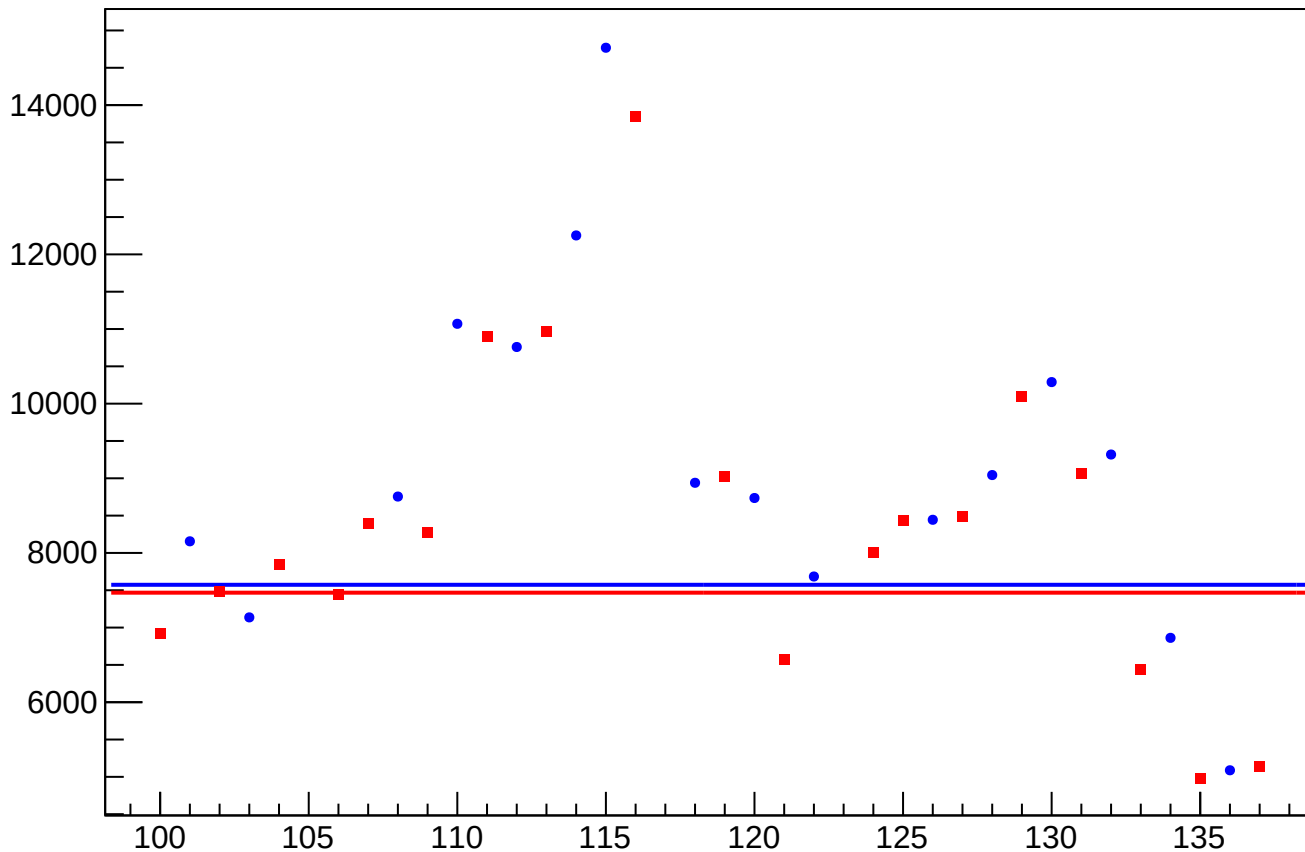
Right: -3.974 ± 2.027 χ^2/NDF : 29.5/34

In: -2.922 ± 2.910 χ^2/NDF : 9.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.974 ± 2.027 χ^2/NDF : 29.5/34

diff_bpm_4aY_4acY_avg_rms vs Slug, Sign Corrected



Right In: 7573.161+/-2.058 χ^2/NDF : 897588.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7467.477+/-1.997 χ^2/NDF : 828353.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

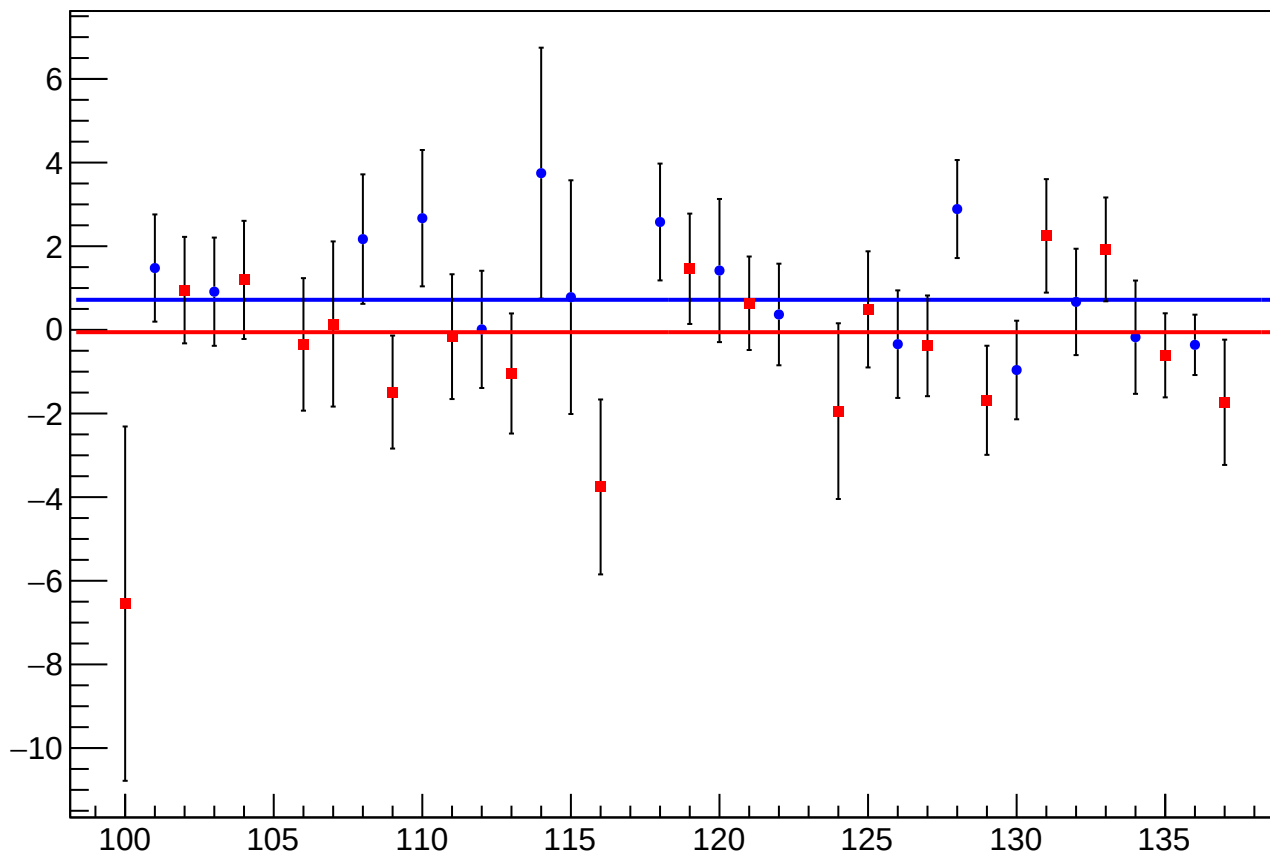
Right: 7518.728+/-1.433 χ^2/NDF : 1727300.0/34

In: 7573.161+/-2.058 χ^2/NDF : 897588.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7518.728+/-1.433 χ^2/NDF : 1727300.0/34

diff_bpm_4aY_4acY_dd_mean vs Slug, Sign Corrected



Right In: 0.719 $\pm$ 0.326 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.056 $\pm$ 0.323 χ^2 /NDF: 19.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

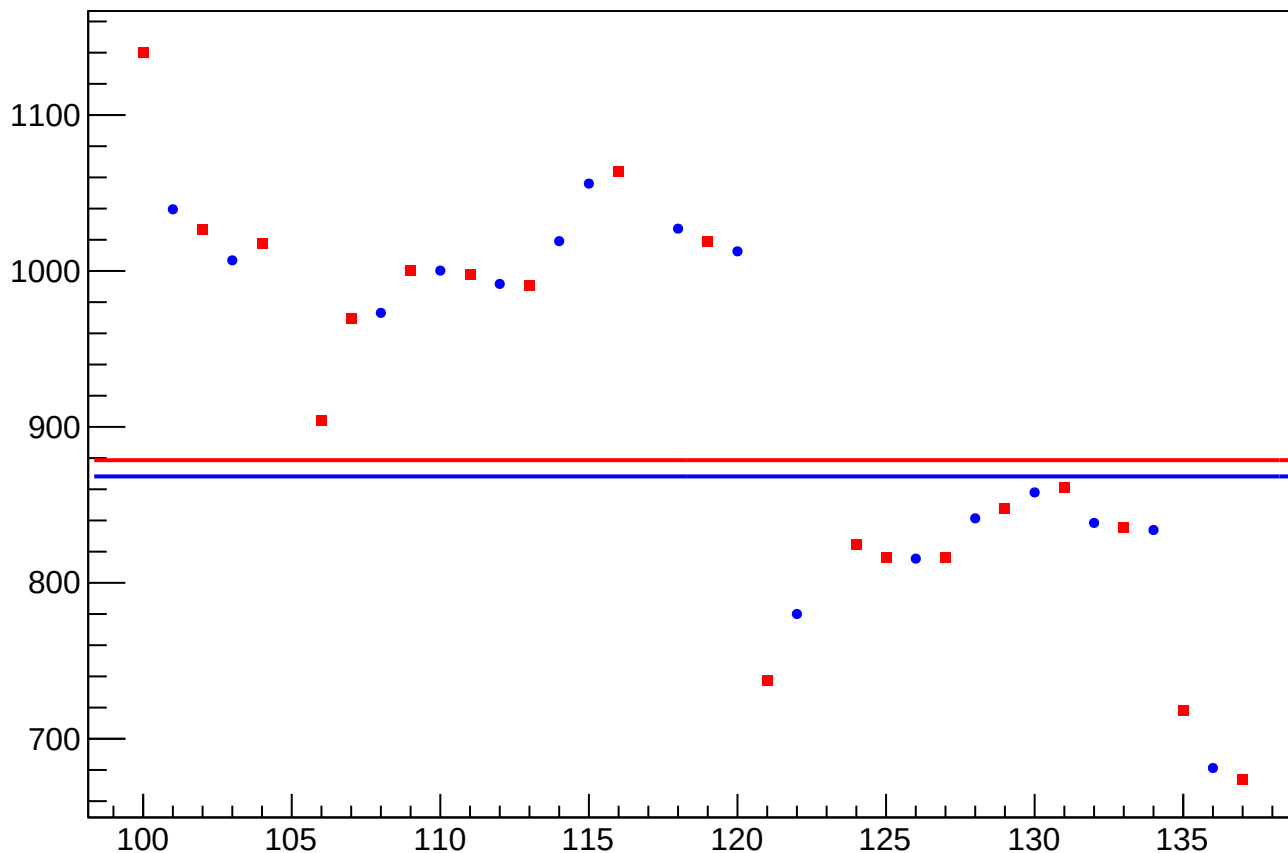
Right: 0.329 $\pm$ 0.230 χ^2 /NDF: 37.4/34

In: 0.719 $\pm$ 0.326 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.329 $\pm$ 0.230 χ^2 /NDF: 37.4/34

diff_bpm_4aY_4acY_dd_rms vs Slug, Sign Corrected



Right In: 868.253+/-0.230 χ^2/NDF : 302409.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 878.658+/-0.229 χ^2/NDF : 272530.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

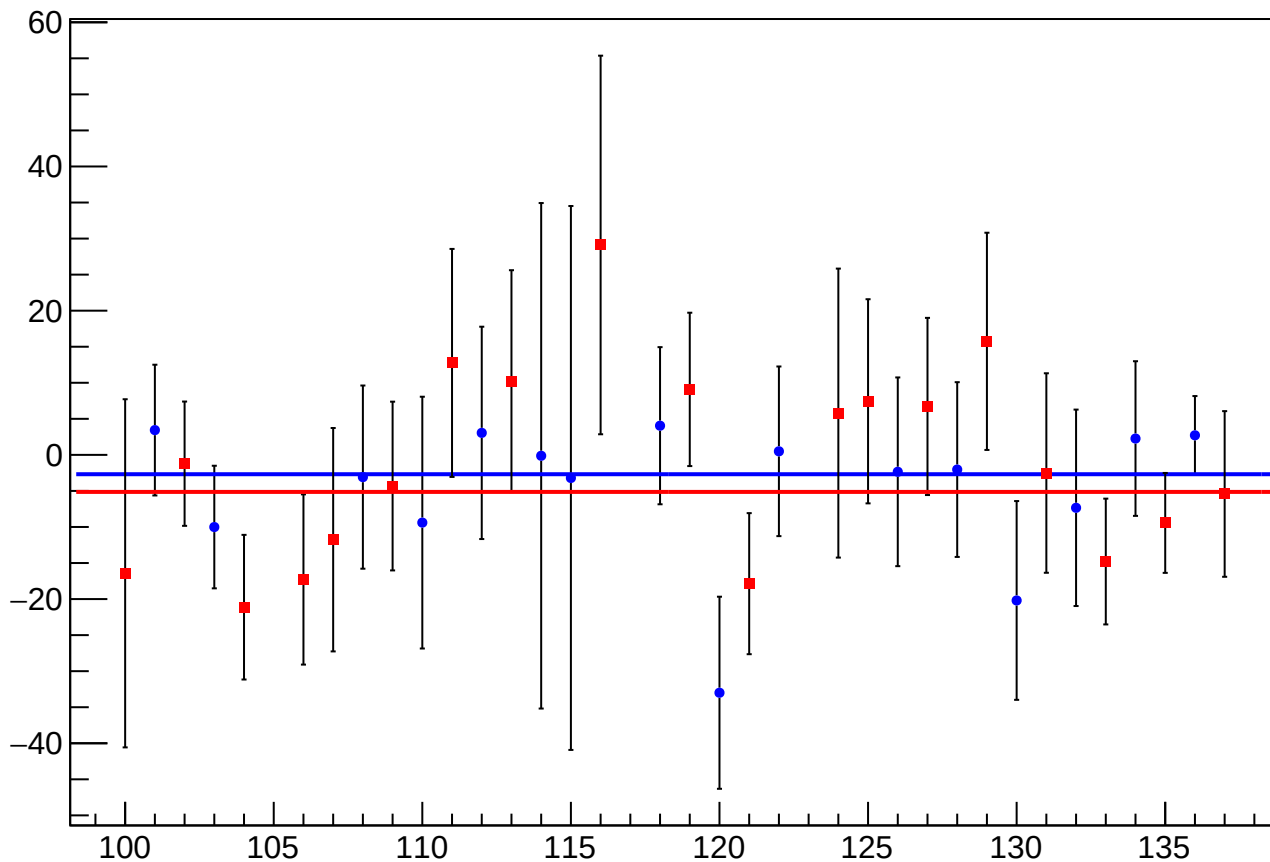
Right: 873.496+/-0.162 χ^2/NDF : 575967.6/34

In: 868.253+/-0.230 χ^2/NDF : 302409.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.496+/-0.162 χ^2/NDF : 575967.6/34

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -2.683 $\pm$ 2.788 χ^2 /NDF: 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.136 $\pm$ 2.692 χ^2 /NDF: 17.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

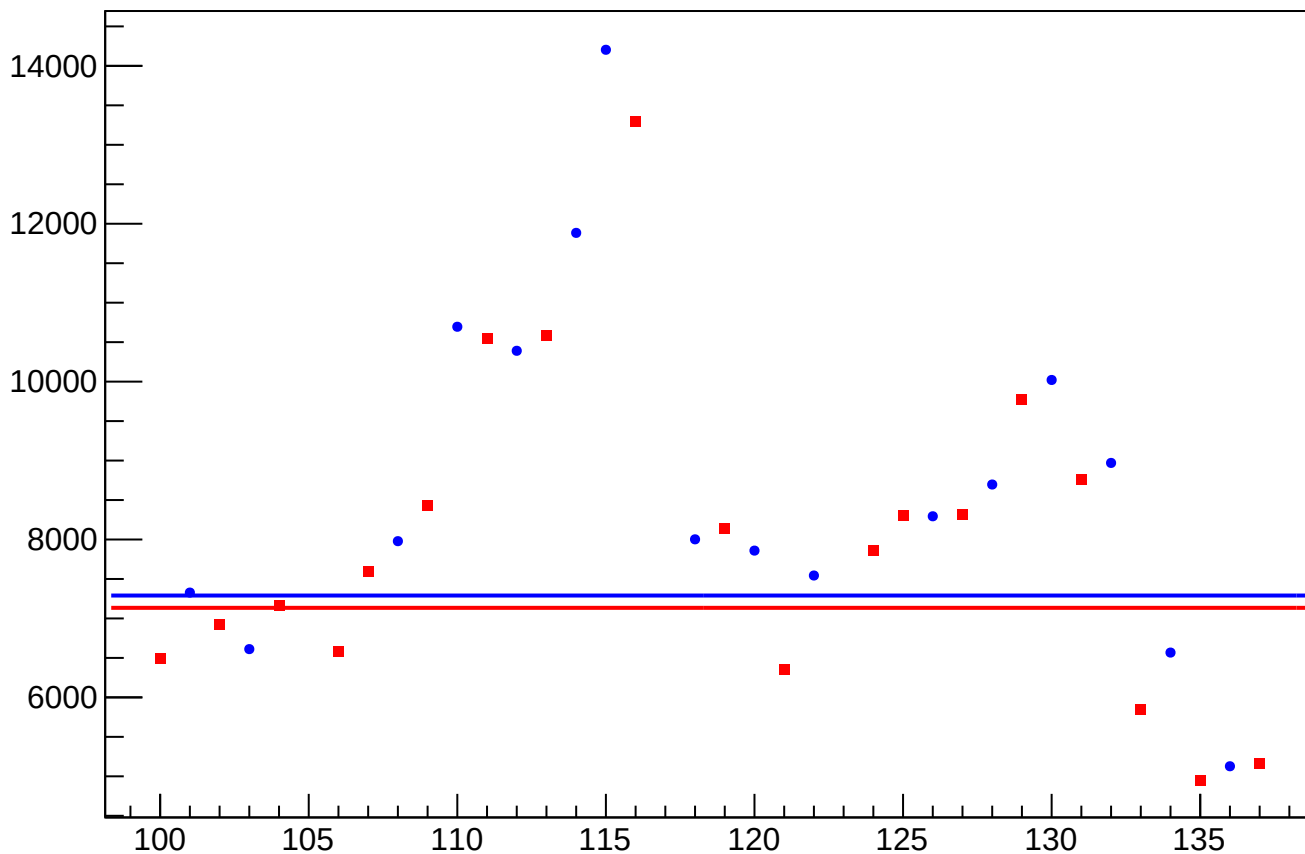
Right: -3.953 $\pm$ 1.937 χ^2 /NDF: 27.7/34

In: -2.683 $\pm$ 2.788 χ^2 /NDF:10.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.953 $\pm$ 1.937 χ^2 /NDF: 27.7/34

diff_bpm_4aY_4eY_avg_rms vs Slug, Sign Corrected



Right In: 7290.246+/-1.972 χ^2/NDF : 770518.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7134.411+/-1.903 χ^2/NDF : 792788.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

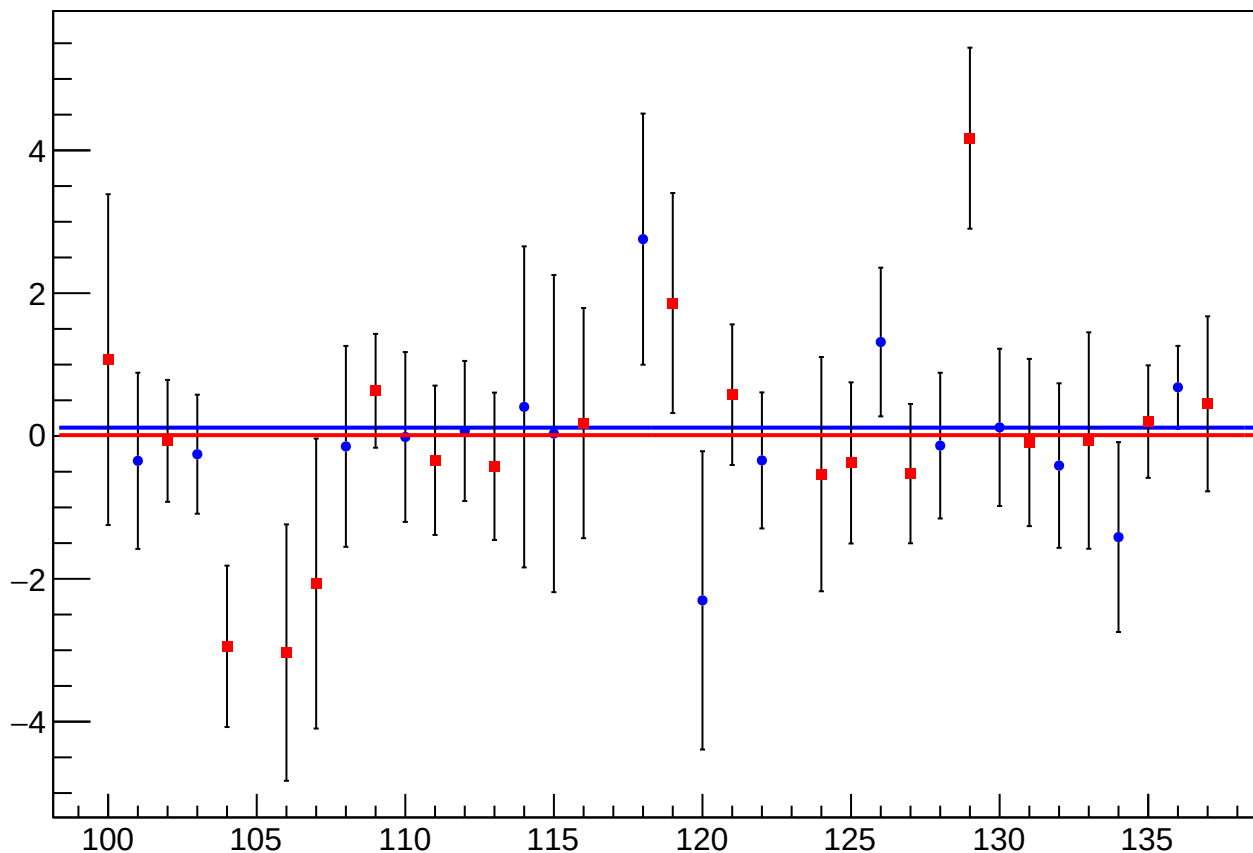
Right: 7209.592+/-1.369 χ^2/NDF : 1566539.8/34

In: 7290.246+/-1.972 χ^2/NDF : 770518.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7209.592+/-1.369 χ^2/NDF : 1566539.8/34

diff_bpm_4aY_4eY_dd_mean vs Slug, Sign Corrected



Right In: 0.117 $\pm$ 0.273 χ^2 /NDF: 8.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.263 χ^2 /NDF: 25.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

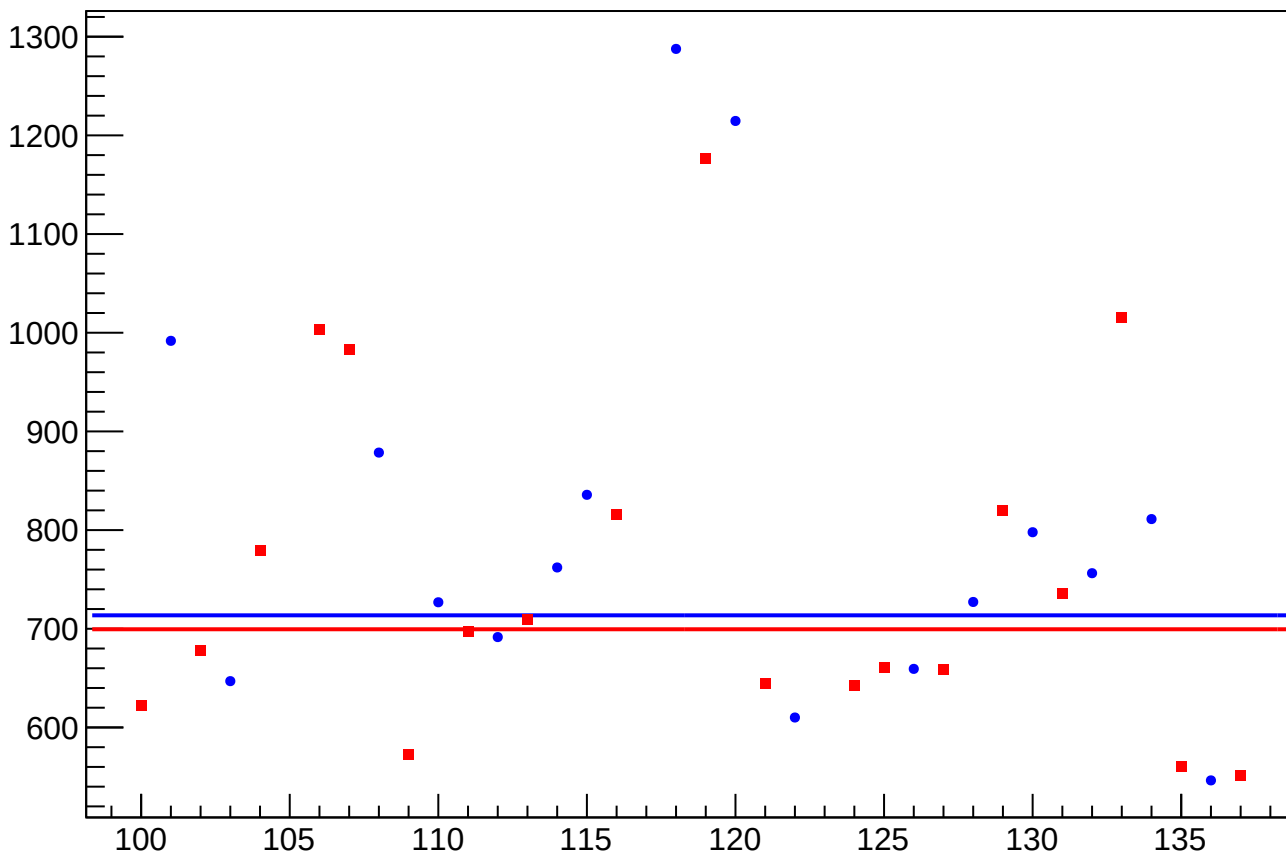
Right: 0.063 $\pm$ 0.190 χ^2 /NDF: 33.4/34

In: 0.117 $\pm$ 0.273 χ^2 /NDF:8.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.063 $\pm$ 0.190 χ^2 /NDF: 33.4/34

diff_bpm_4aY_4eY_dd_rms vs Slug, Sign Corrected



Right In: 713.627+/-0.193 χ^2/NDF : 699303.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 699.502+/-0.186 χ^2/NDF : 575759.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

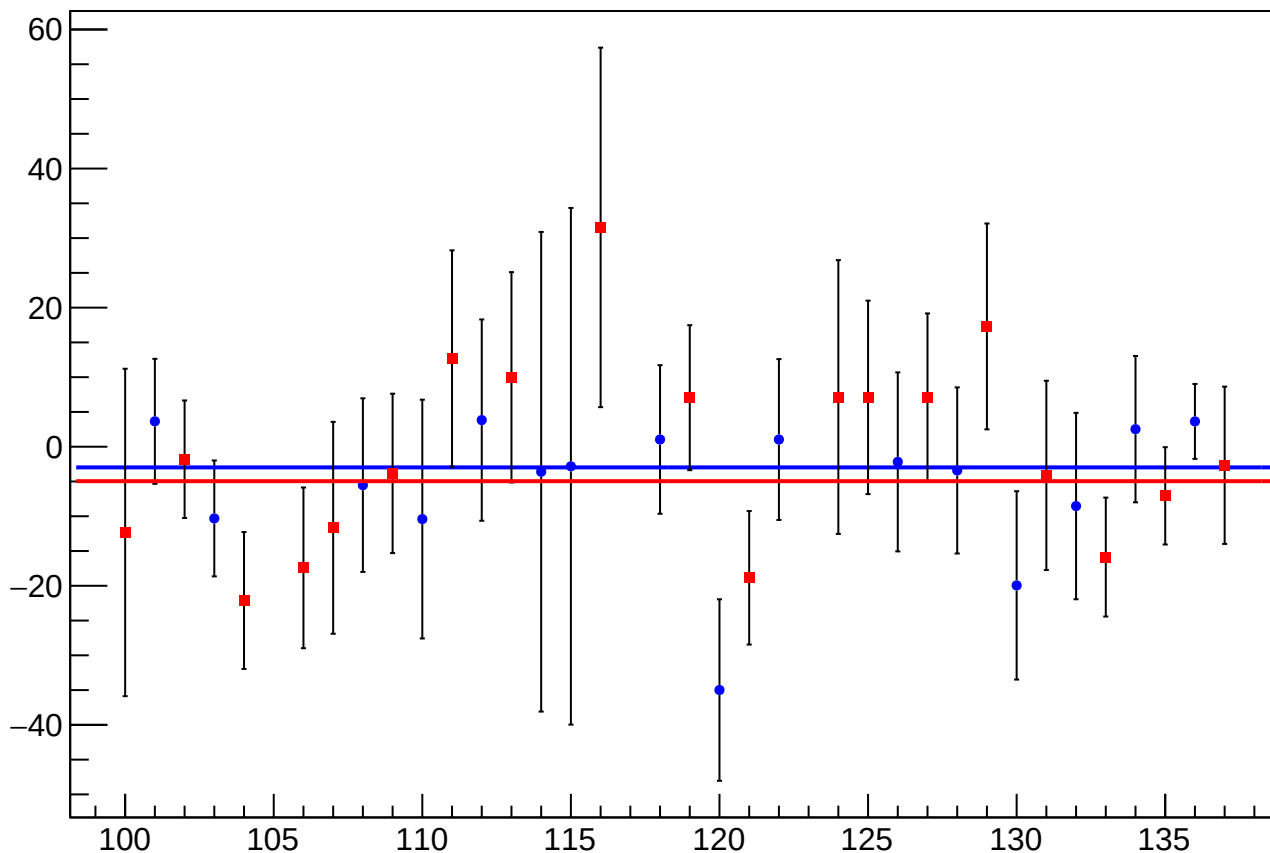
Right: 706.303+/-0.134 χ^2/NDF : 1277836.8/34

In: 713.627+/-0.193 χ^2/NDF : 699303.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.303+/-0.134 χ^2/NDF : 1277836.8/34

diff_bpm_4aY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -2.974 ± 2.746 χ^2/NDF : 11.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.955 ± 2.653 χ^2/NDF : 18.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

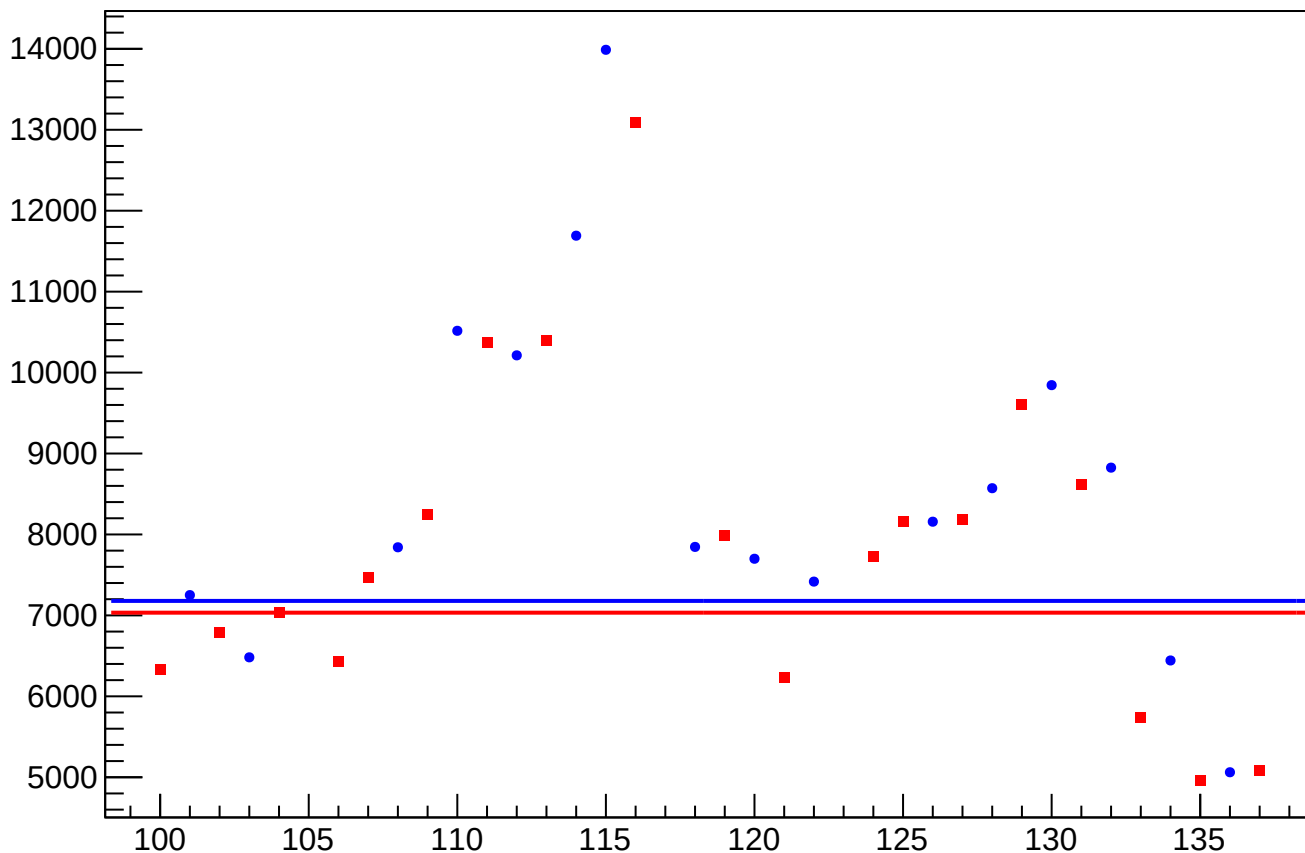
Right: -3.999 ± 1.908 χ^2/NDF : 30.3/34

In: -2.974 ± 2.746 χ^2/NDF : 11.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.999 ± 1.908 χ^2/NDF : 30.3/34

diff_bpm_4aY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 7178.925+/-1.942 χ^2/NDF : 761936.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7033.538+/-1.876 χ^2/NDF : 766389.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

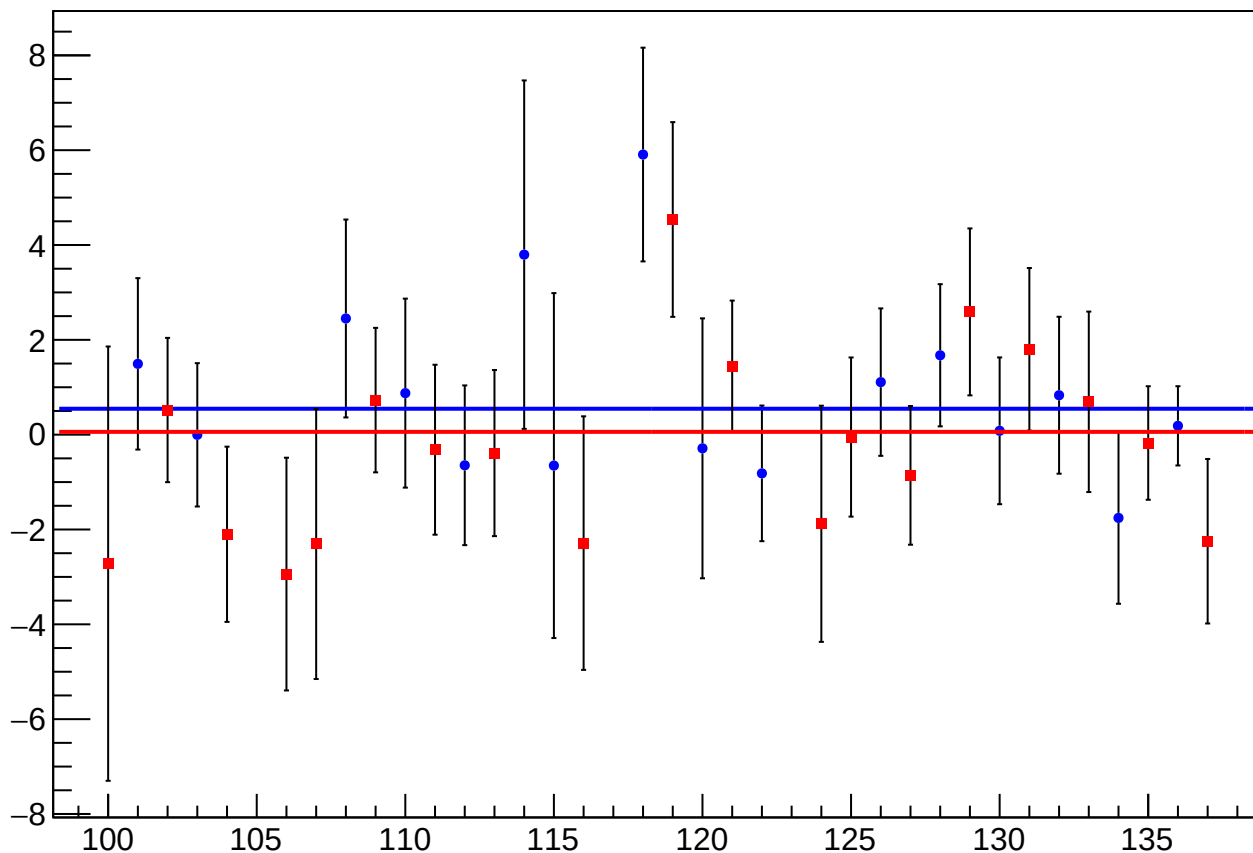
Right: 7103.732+/-1.349 χ^2/NDF : 1531224.9/34

In: 7178.925+/-1.942 χ^2/NDF : 761936.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7103.732+/-1.349 χ^2/NDF : 1531224.9/34

diff_bpm_4aY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.547 $\pm$ 0.411 χ^2 /NDF: 11.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.059 $\pm$ 0.409 χ^2 /NDF: 16.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

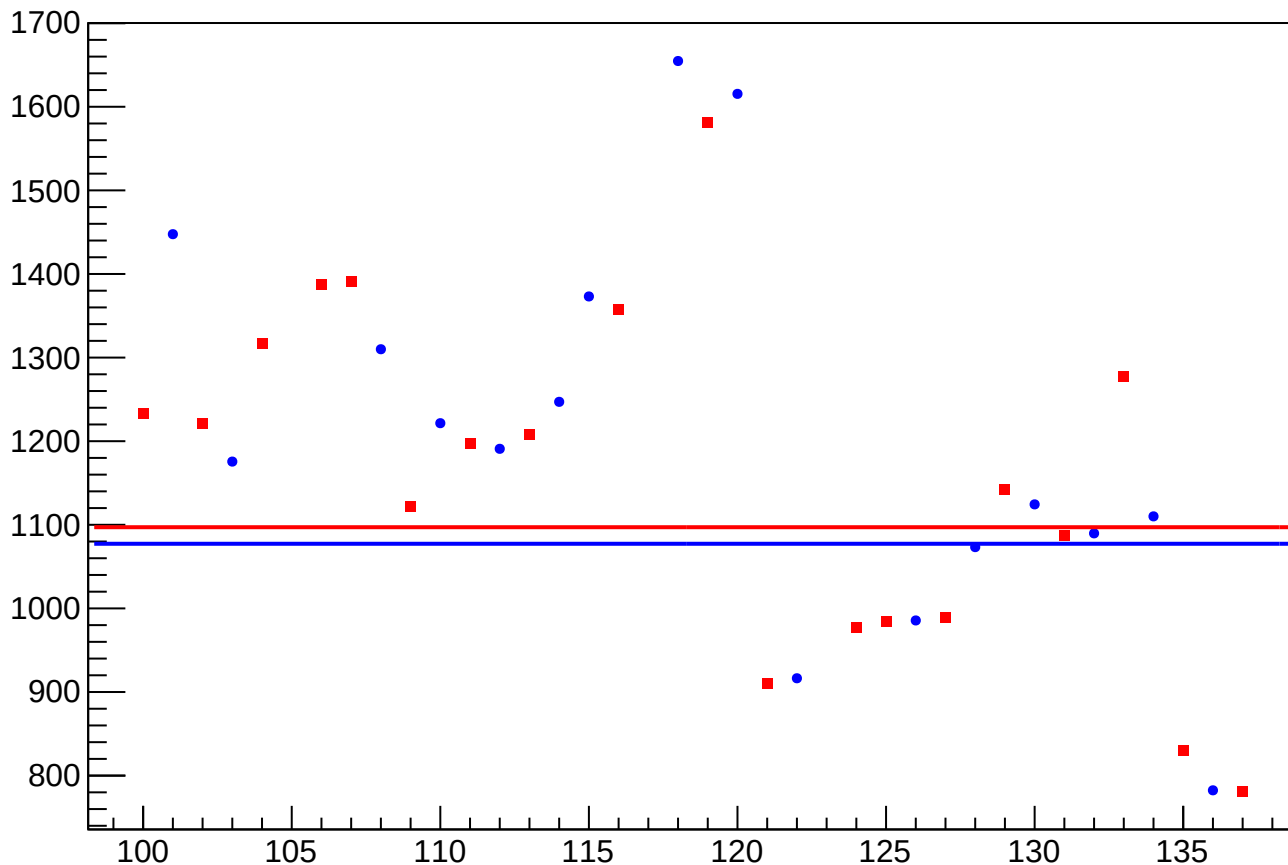
Right: 0.302 $\pm$ 0.290 χ^2 /NDF: 29.5/34

In: 0.547 $\pm$ 0.411 χ^2 /NDF:11.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.302 $\pm$ 0.290 χ^2 /NDF: 29.5/34

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1077.306+/-0.291 χ^2/NDF : 646521.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1097.108+/-0.289 χ^2/NDF : 484370.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

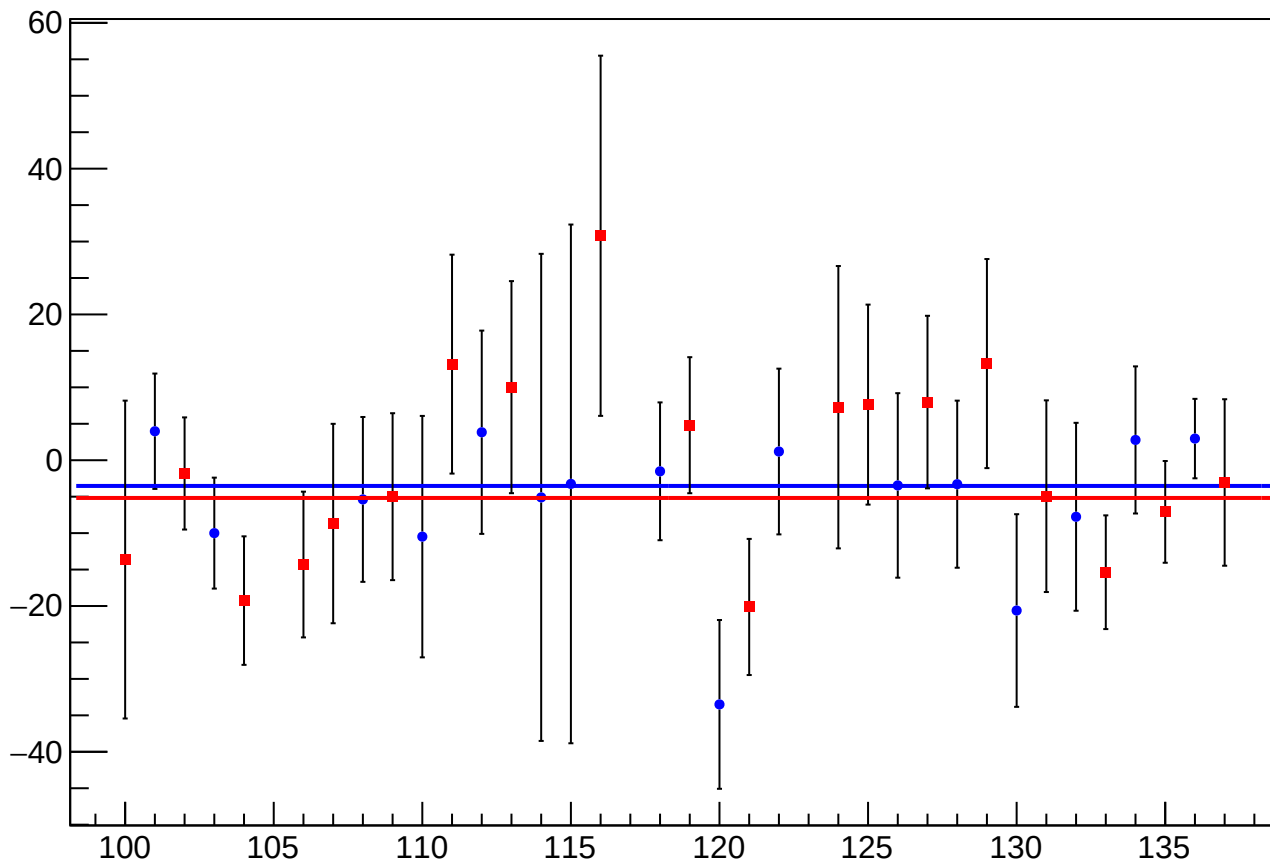
Right: 1087.256+/-0.205 χ^2/NDF : 1133226.7/34

In: 1077.306+/-0.291 χ^2/NDF : 646521.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1087.256+/-0.205 χ^2/NDF : 1133226.7/34

diff_bpm_4eY_4ecY_avg_mean vs Slug, Sign Corrected



Right In: -3.527 ± 2.608 χ^2/NDF : 12.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.176 ± 2.508 χ^2/NDF : 18.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

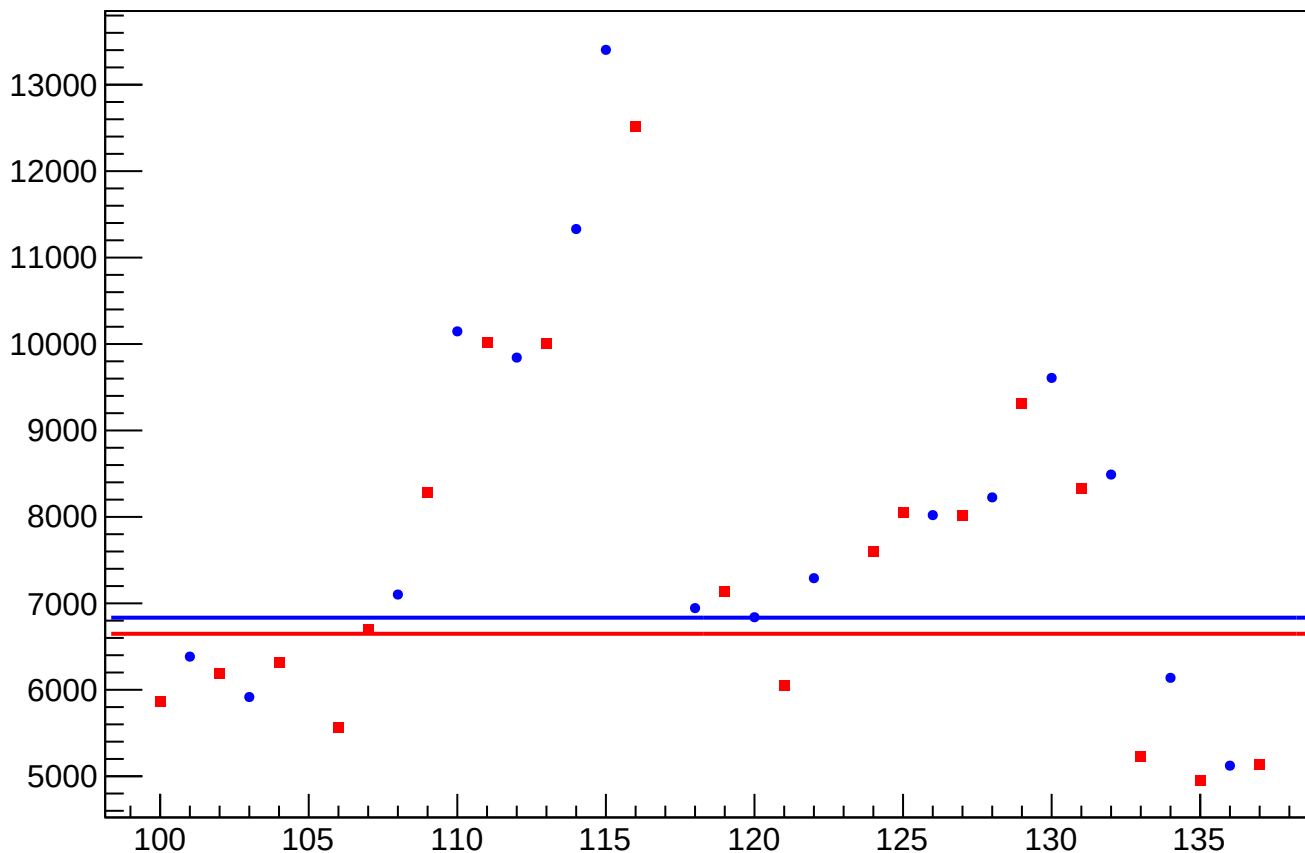
Right: -4.384 ± 1.808 χ^2/NDF : 31.0/34

In: -3.527 ± 2.608 χ^2/NDF : 12.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.384 ± 1.808 χ^2/NDF : 31.0/34

diff_bpm_4eY_4ecY_avg_rms vs Slug, Sign Corrected



Right In: 6834.346+/-1.844 χ^2/NDF : 692722.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6647.996+/-1.773 χ^2/NDF : 785102.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

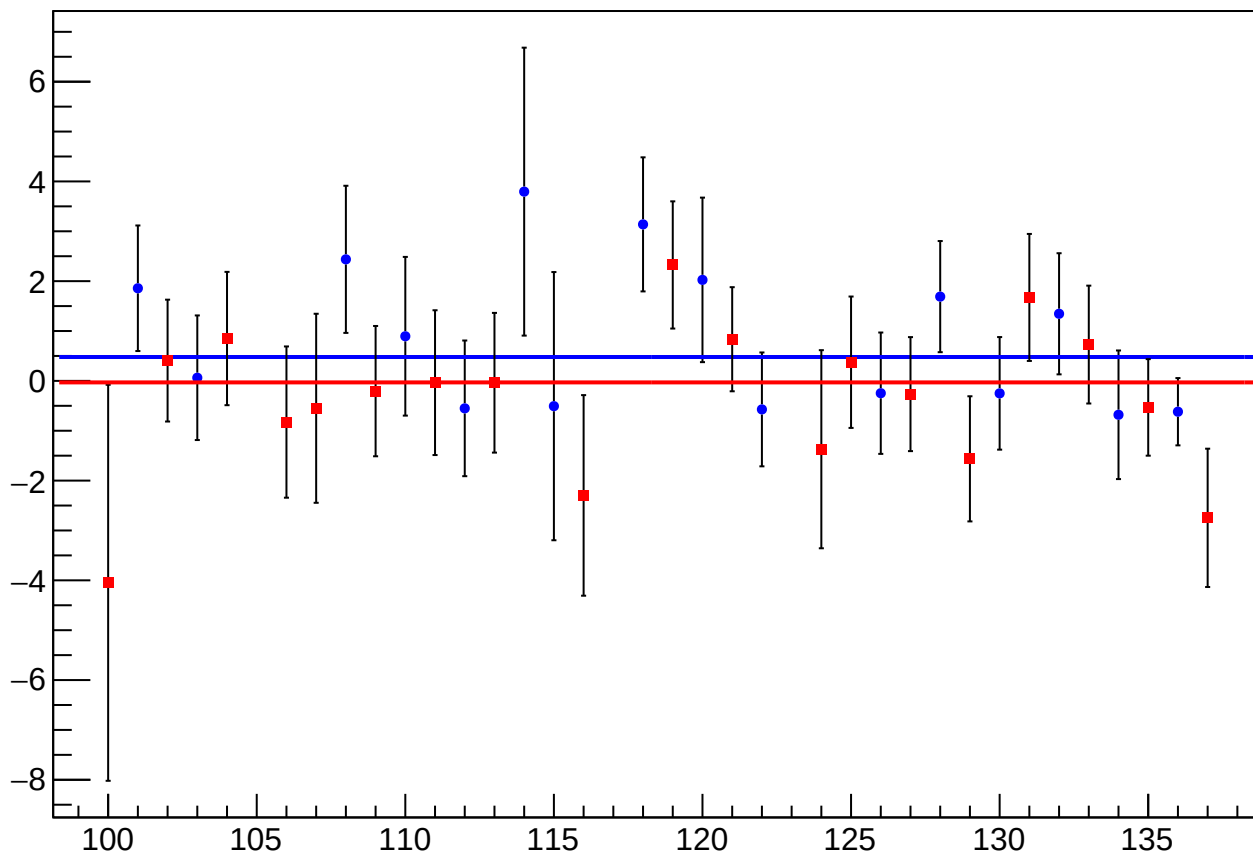
Right: 6737.523+/-1.278 χ^2/NDF : 1483130.1/34

In: 6834.346+/-1.844 χ^2/NDF : 692722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6737.523+/-1.278 χ^2/NDF : 1483130.1/34

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.479 $\pm$ 0.311 χ^2 /NDF: 16.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.030 $\pm$ 0.309 χ^2 /NDF: 15.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

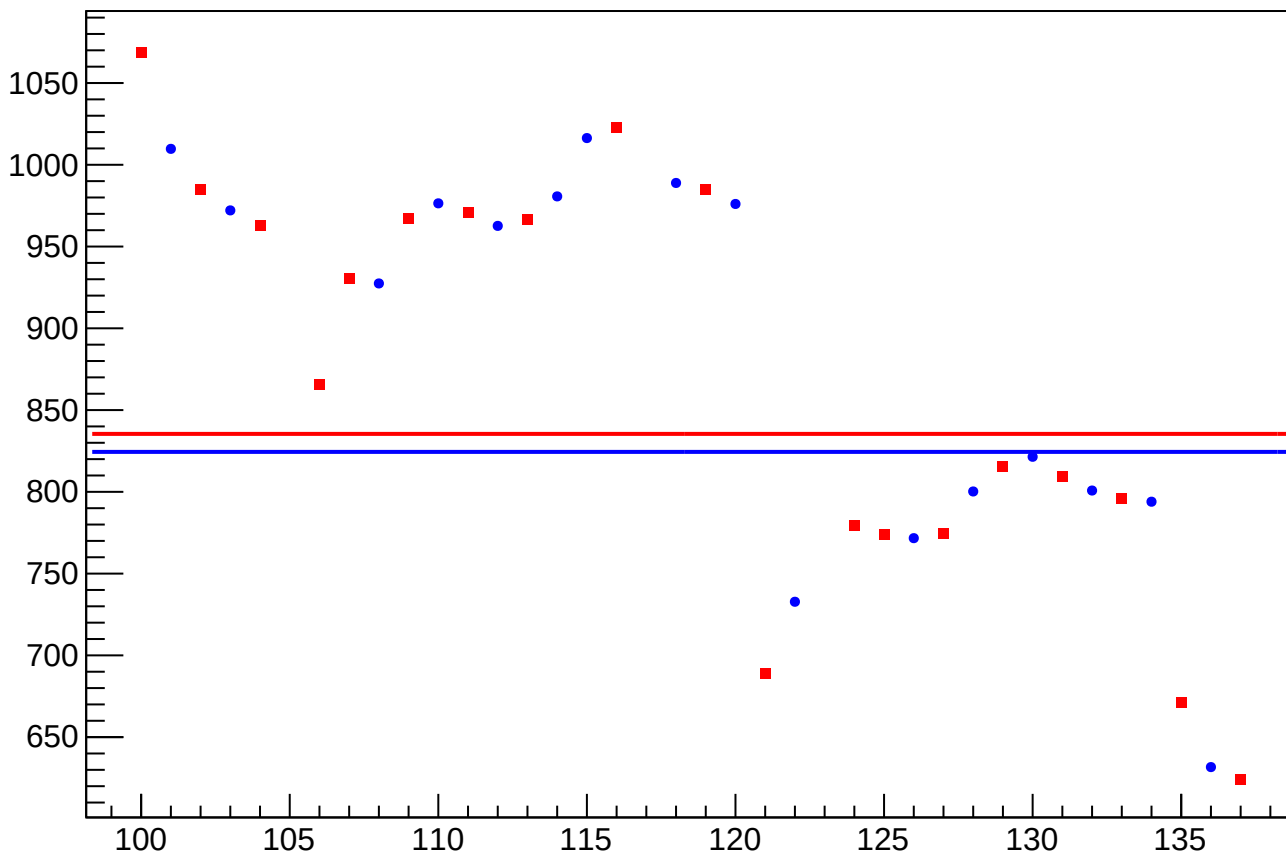
Right: 0.222 $\pm$ 0.219 χ^2 /NDF: 33.8/34

In: 0.479 $\pm$ 0.311 χ^2 /NDF:16.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.222 $\pm$ 0.219 χ^2 /NDF: 33.8/34

diff_bpm_4eY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 824.431+/-0.220 χ^2/NDF : 365461.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 835.437+/-0.218 χ^2/NDF : 319302.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

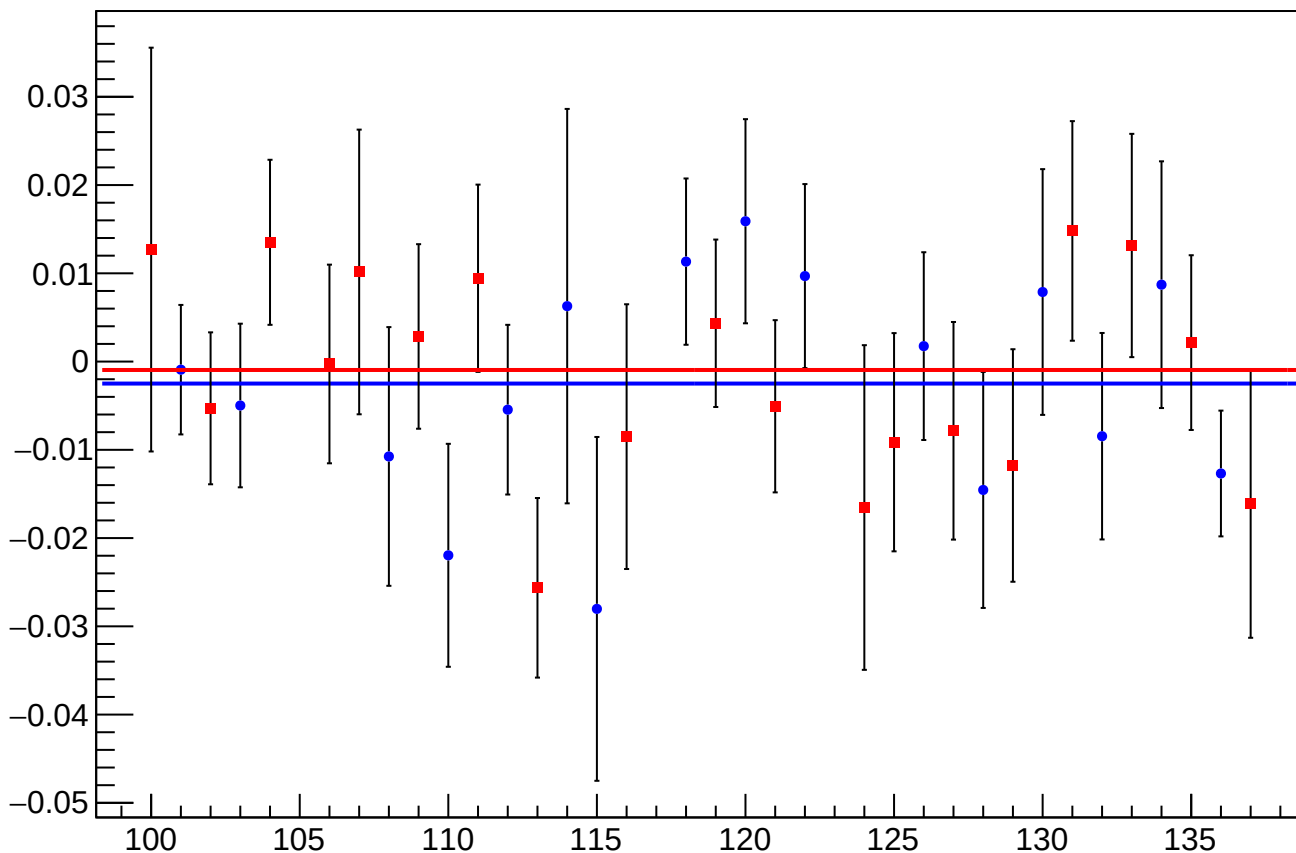
Right: 829.974+/-0.155 χ^2/NDF : 686027.0/34

In: 824.431+/-0.220 χ^2/NDF : 365461.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 829.974+/-0.155 χ^2/NDF : 686027.0/34

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 $\pm$ 0.003 χ^2 /NDF: 15.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.001 $\pm$ 0.003 χ^2 /NDF: 17.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

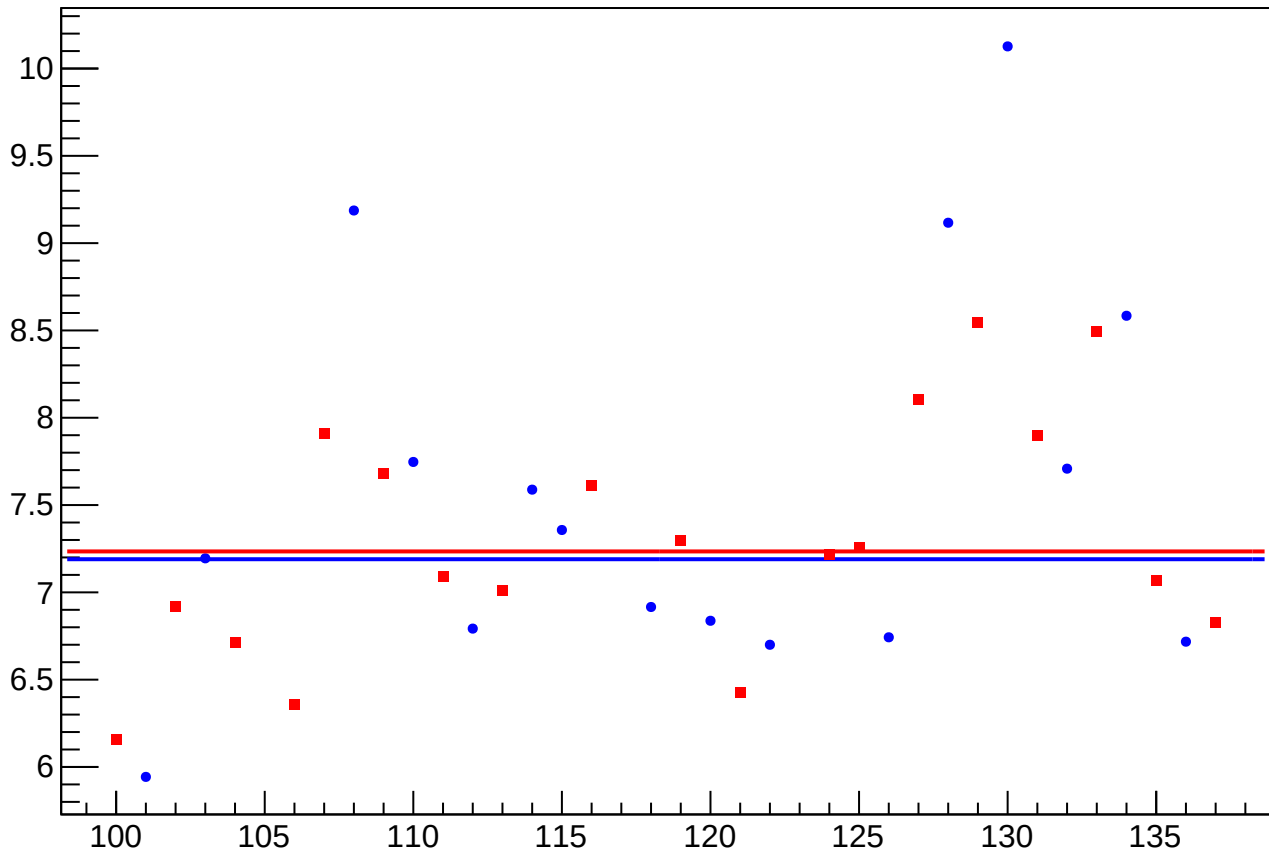
Right: -0.002 $\pm$ 0.002 χ^2 /NDF: 32.8/34

In: -0.002 $\pm$ 0.003 χ^2 /NDF:15.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.002 $\pm$ 0.002 χ^2 /NDF: 32.8/34

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.190+/-0.002 χ^2/NDF : 277639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.234+/-0.002 χ^2/NDF : 106266.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

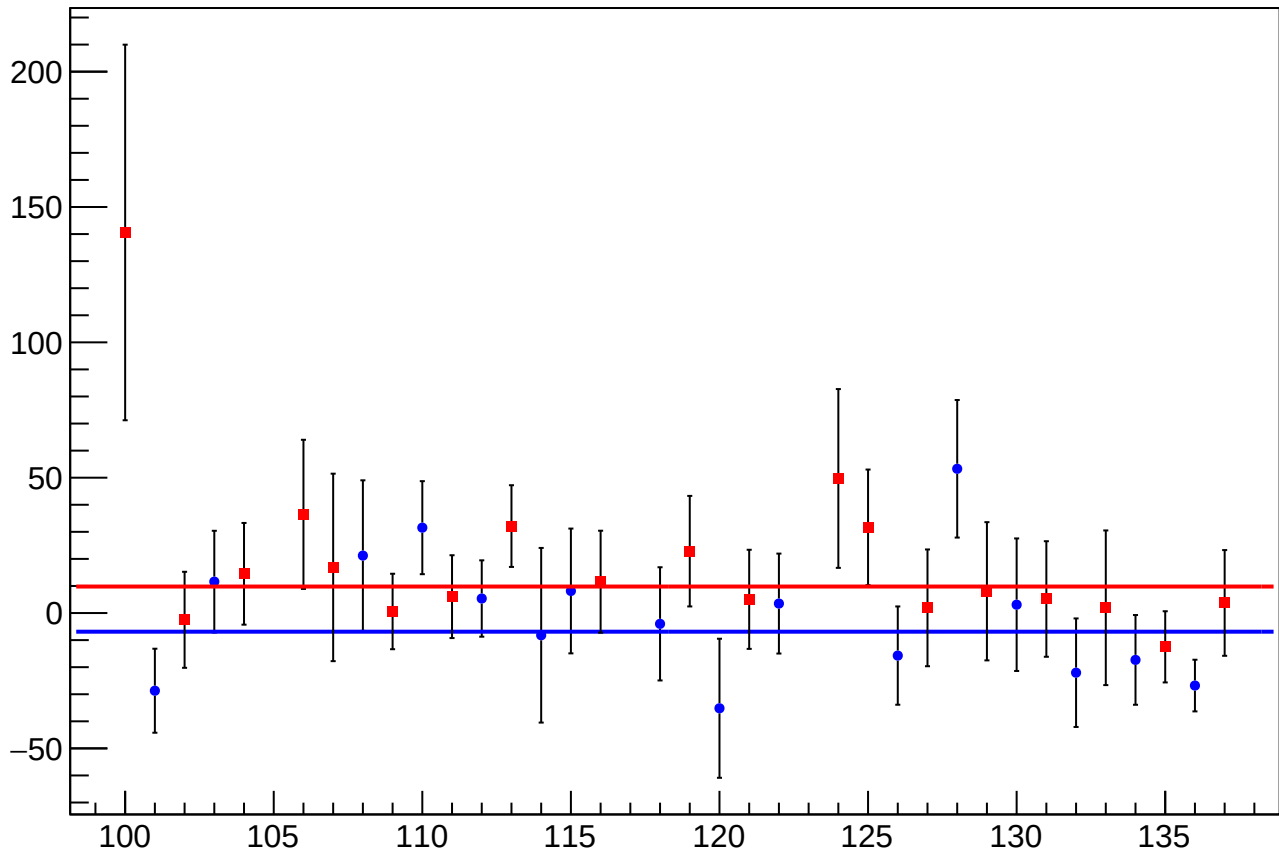
Right: 7.213+/-0.001 χ^2/NDF : 384182.4/34

In: 7.190+/-0.002 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.213+/-0.001 χ^2/NDF : 384182.4/34

diff_targ_positionX_mean vs Slug, Sign Corrected



Right In: -6.891+/-4.488 χ^2/NDF : 23.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.790+/-4.517 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

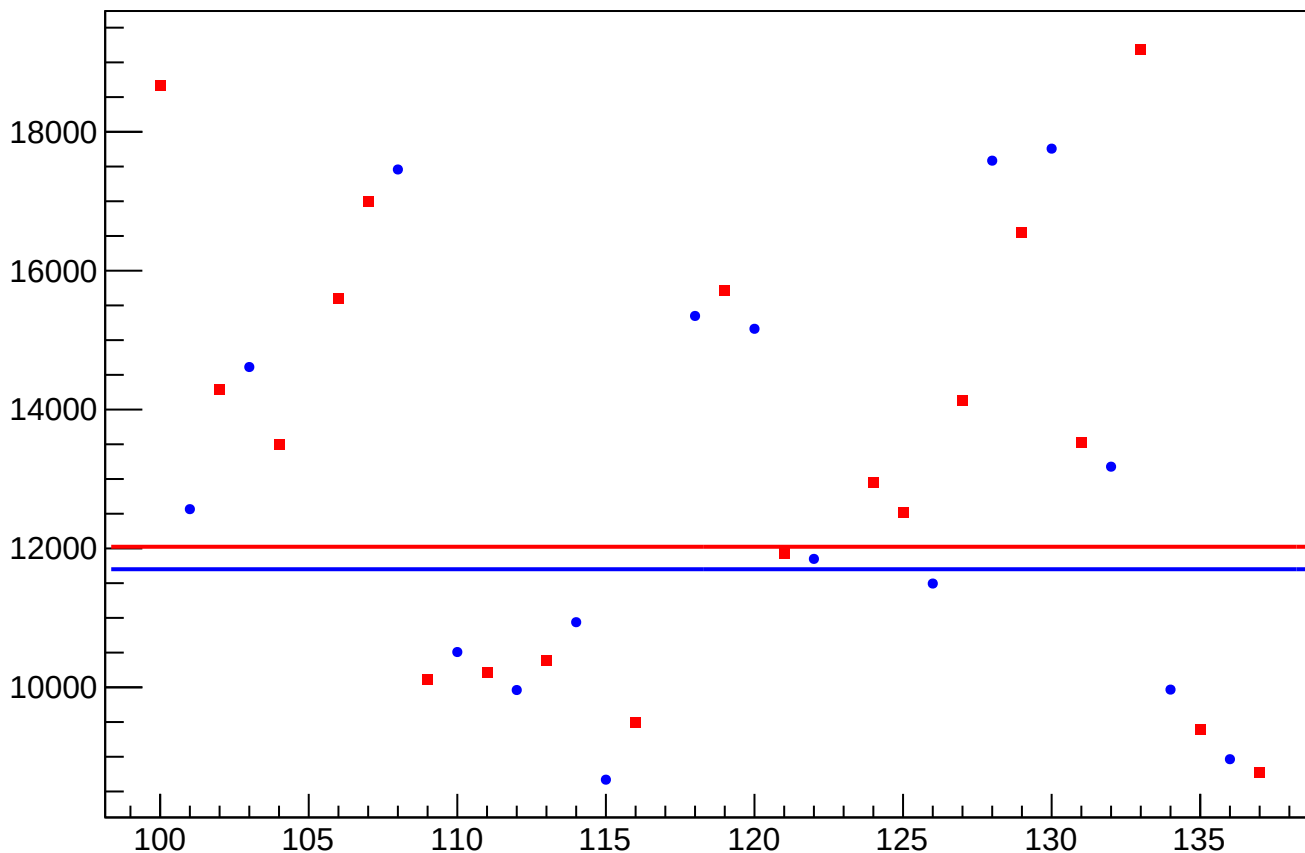
Right: 1.396+/-3.184 χ^2/NDF : 43.9/34

In: -6.891+/-4.488 χ^2/NDF : 23.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.396+/-3.184 χ^2/NDF : 43.9/34

diff_targ_positionX_rms vs Slug, Sign Corrected



Right In: 11700.622+/-3.174 χ^2/NDF : 740185.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 12024.262+/-3.194 χ^2/NDF : 684788.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

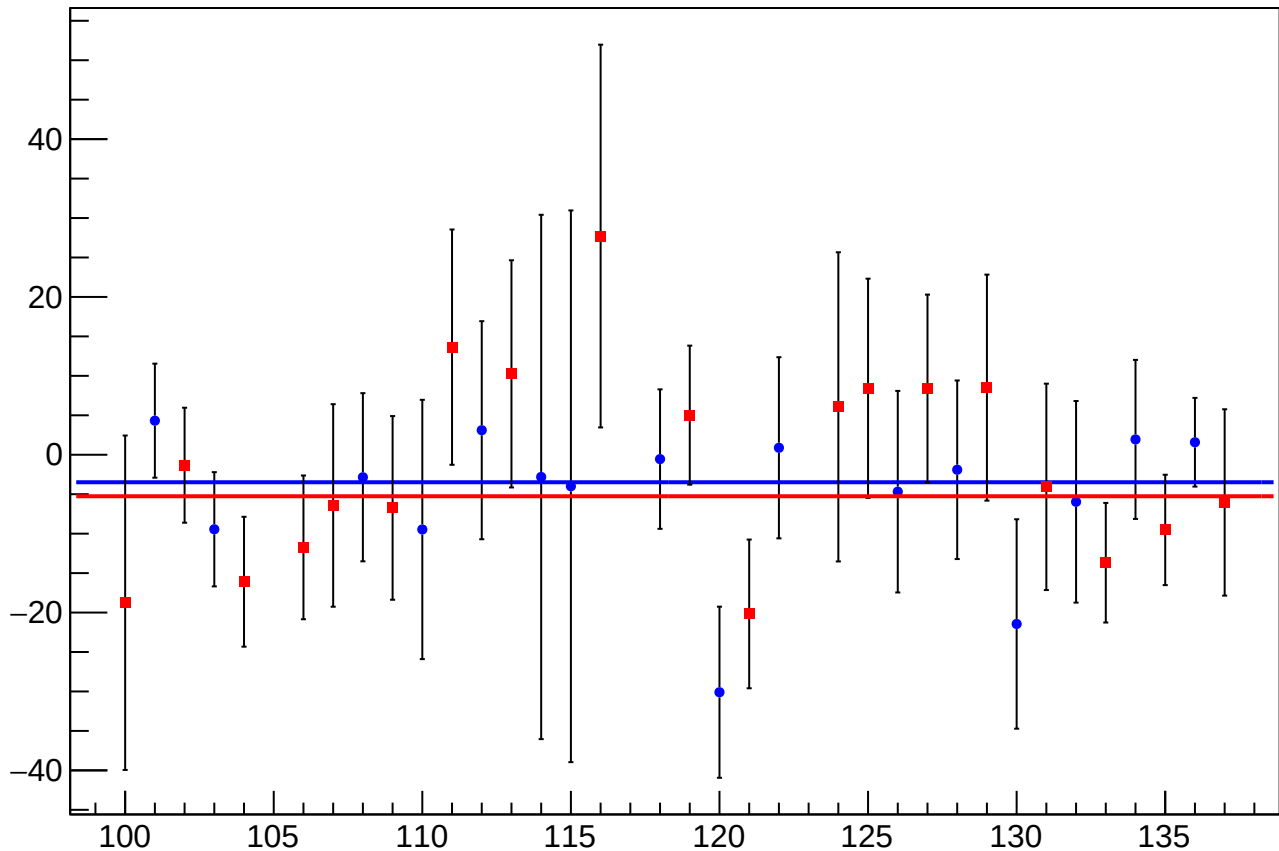
Right: 11861.399+/-2.251 χ^2/NDF : 1430140.0/34

In: 11700.622+/-3.174 χ^2/NDF :740185.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11861.399+/-2.251 χ^2/NDF : 1430140.0/34

diff_targ_positionY_mean vs Slug, Sign Corrected



Right In: -3.485+/-2.550 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.259+/-2.446 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

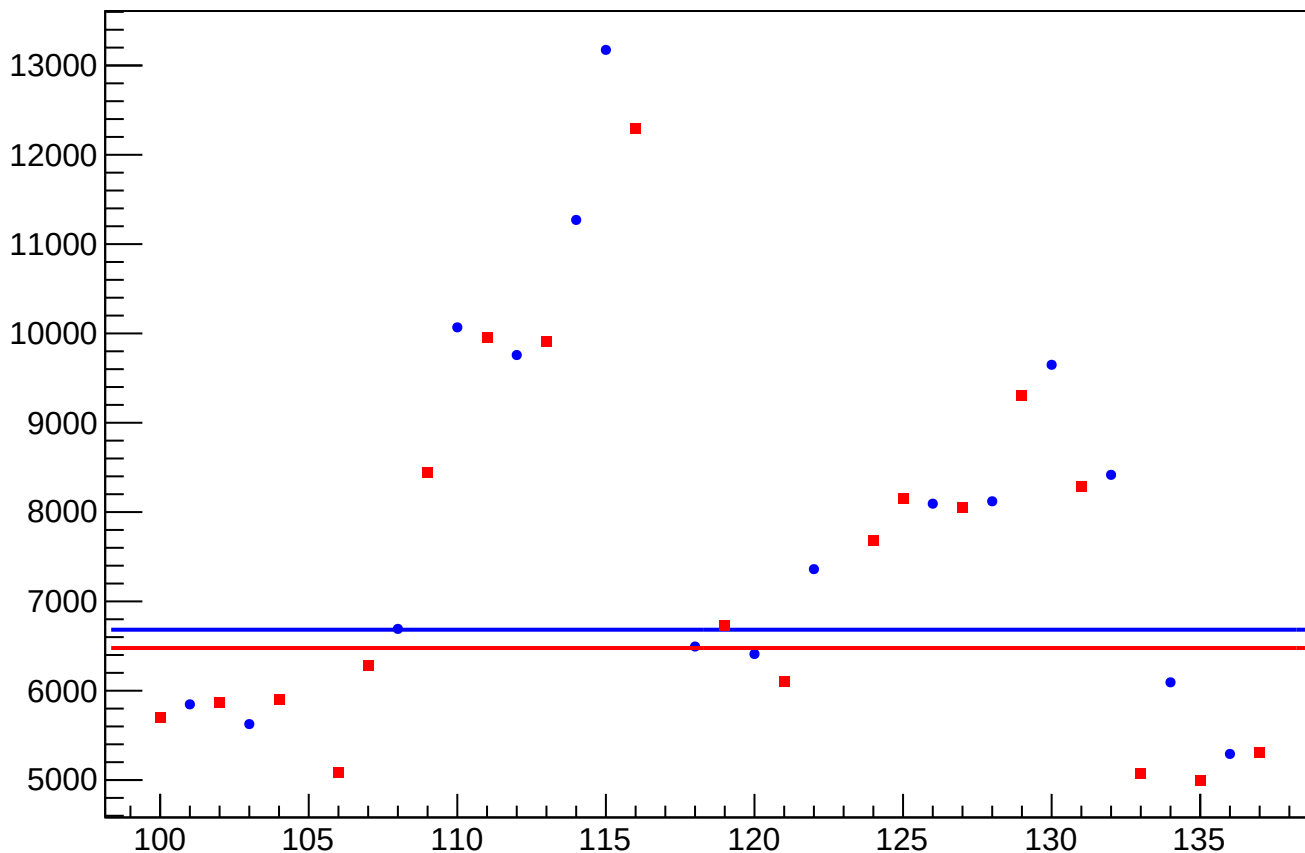
Right: -4.409+/-1.765 χ^2/NDF : 28.3/34

In: -3.485+/-2.550 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.409+/-1.765 χ^2/NDF : 28.3/34

diff_targ_positionY_rms vs Slug, Sign Corrected



Right In: 6682.988+/-1.803 χ^2/NDF : 692200.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6478.126+/-1.730 χ^2/NDF : 839226.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

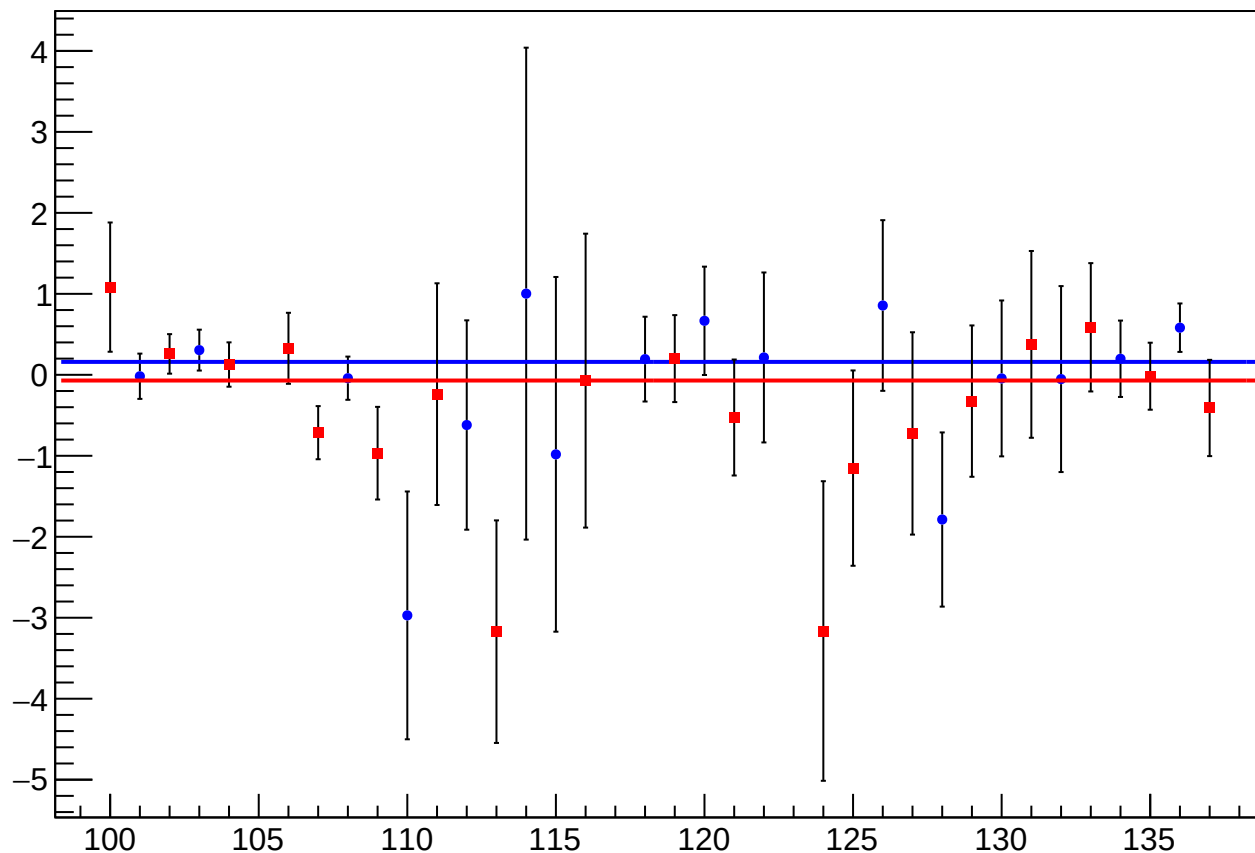
Right: 6576.323+/-1.248 χ^2/NDF : 1538150.0/34

In: 6682.988+/-1.803 χ^2/NDF : 692200.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6576.323+/-1.248 χ^2/NDF : 1538150.0/34

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.160+/-0.120 χ^2/NDF : 12.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.070+/-0.120 χ^2/NDF : 22.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

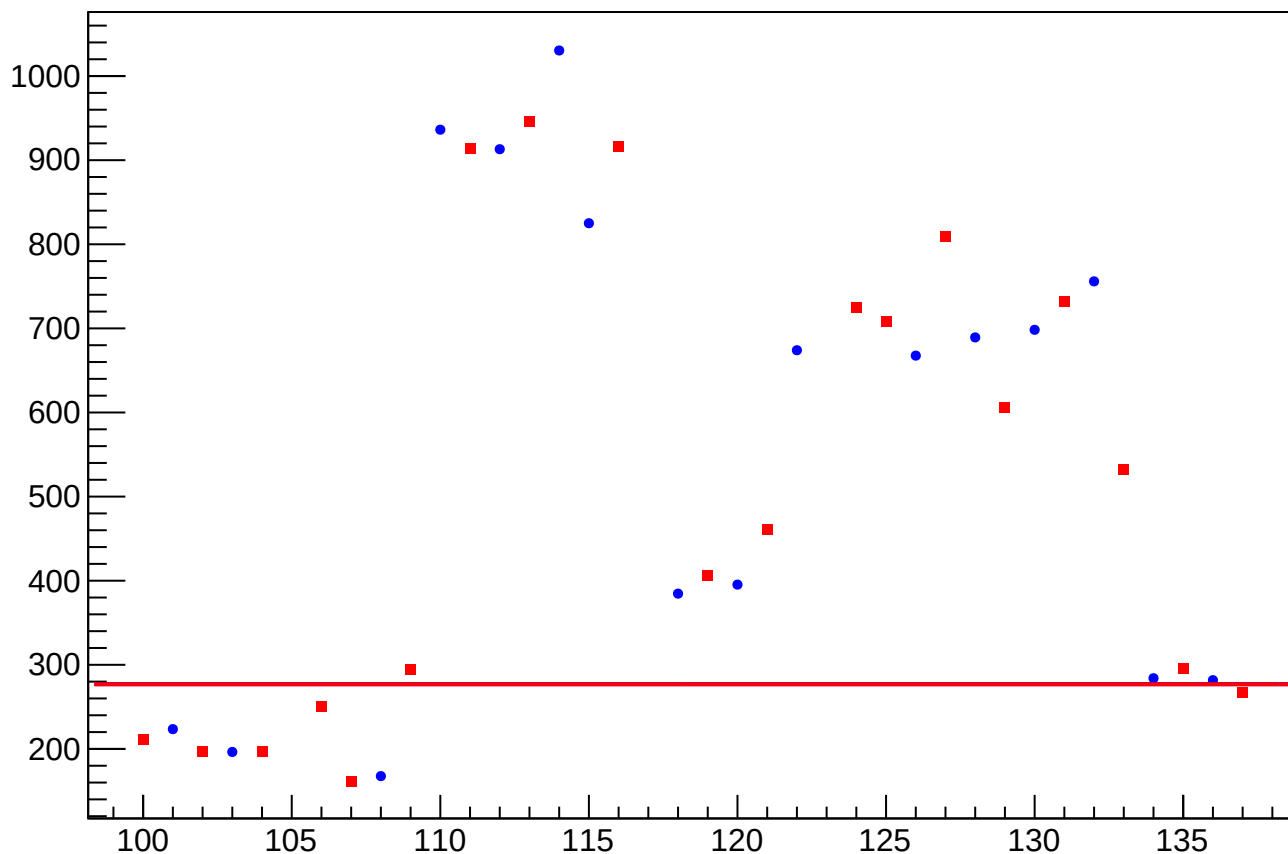
Right: 0.045+/-0.085 χ^2/NDF : 36.9/34

In: 0.160+/-0.120 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.045+/-0.085 χ^2/NDF : 36.9/34

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 277.017 $\pm$ 0.085 χ^2 /NDF: 3450533.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 276.866 $\pm$ 0.085 χ^2 /NDF: 3571620.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

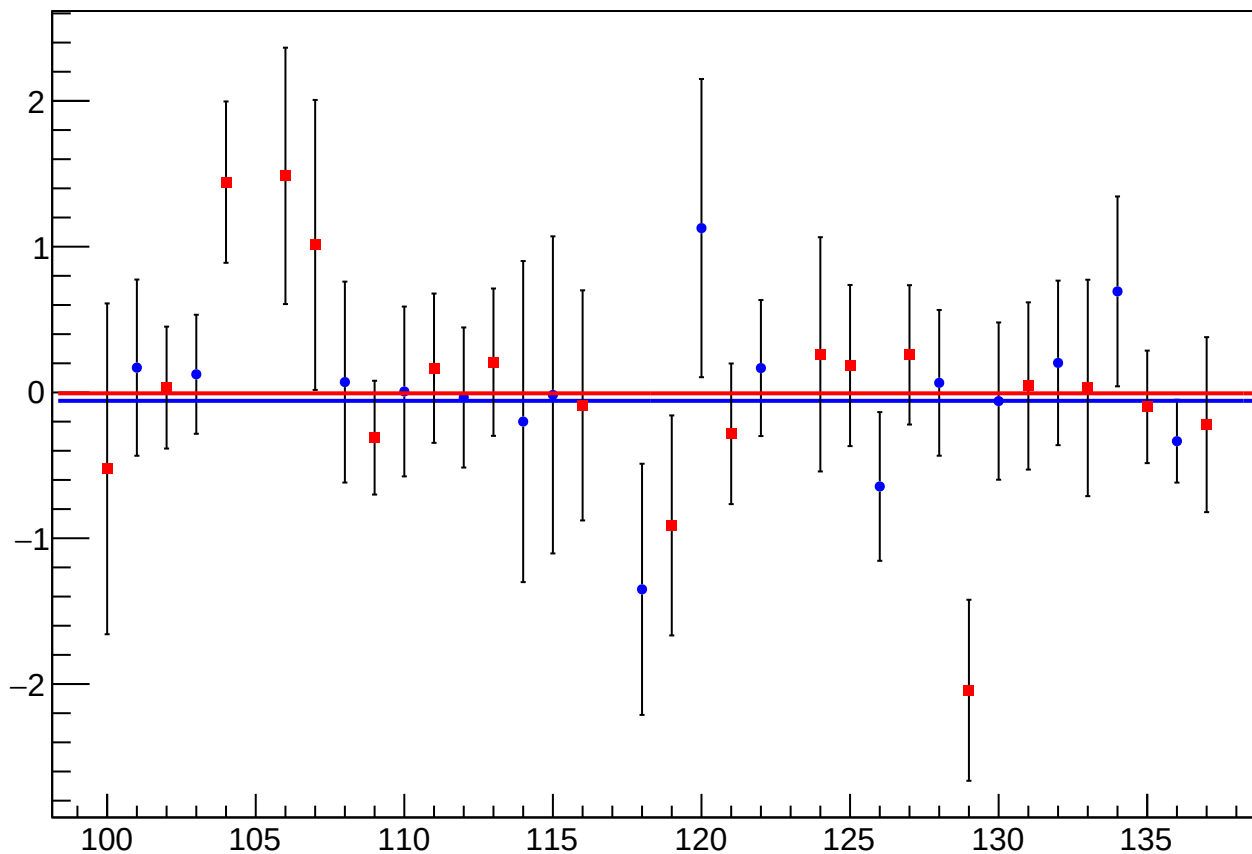
Right: 276.942 $\pm$ 0.060 χ^2 /NDF: 7022156.1/34

In: 277.017 $\pm$ 0.085 χ^2 /NDF:3450533.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 276.942 $\pm$ 0.060 χ^2 /NDF: 7022156.1/34

diff_targ_thetaY_mean vs Slug, Sign Corrected



Right In: -0.057 ± 0.134 χ^2/NDF : 8.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.129 χ^2/NDF : 25.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

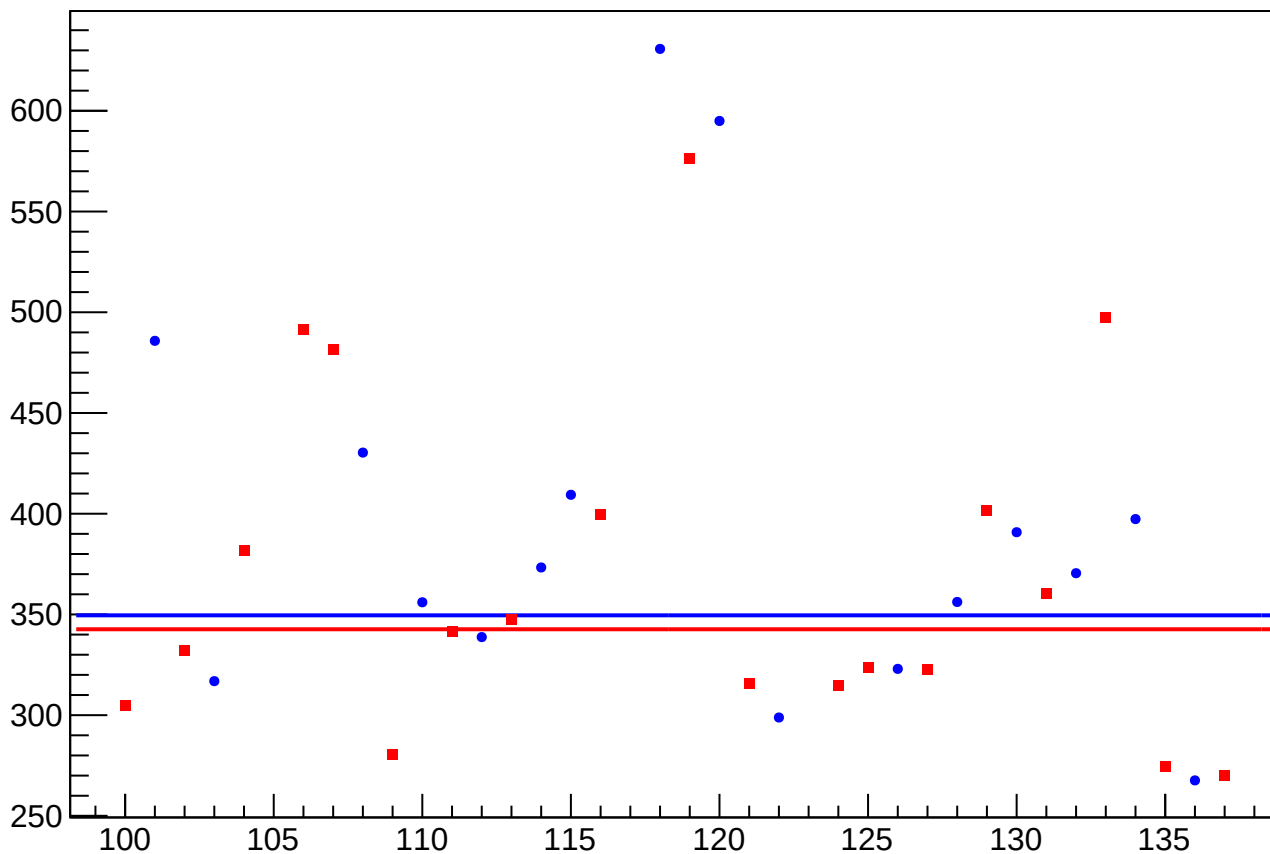
Right: -0.031 ± 0.093 χ^2/NDF : 33.4/34

In: -0.057 ± 0.134 χ^2/NDF : 8.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.031 ± 0.093 χ^2/NDF : 33.4/34

diff_targ_thetaY_rms vs Slug, Sign Corrected



Right In: 349.560+/-0.095 χ^2/NDF : 699303.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 342.641+/-0.091 χ^2/NDF : 575759.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

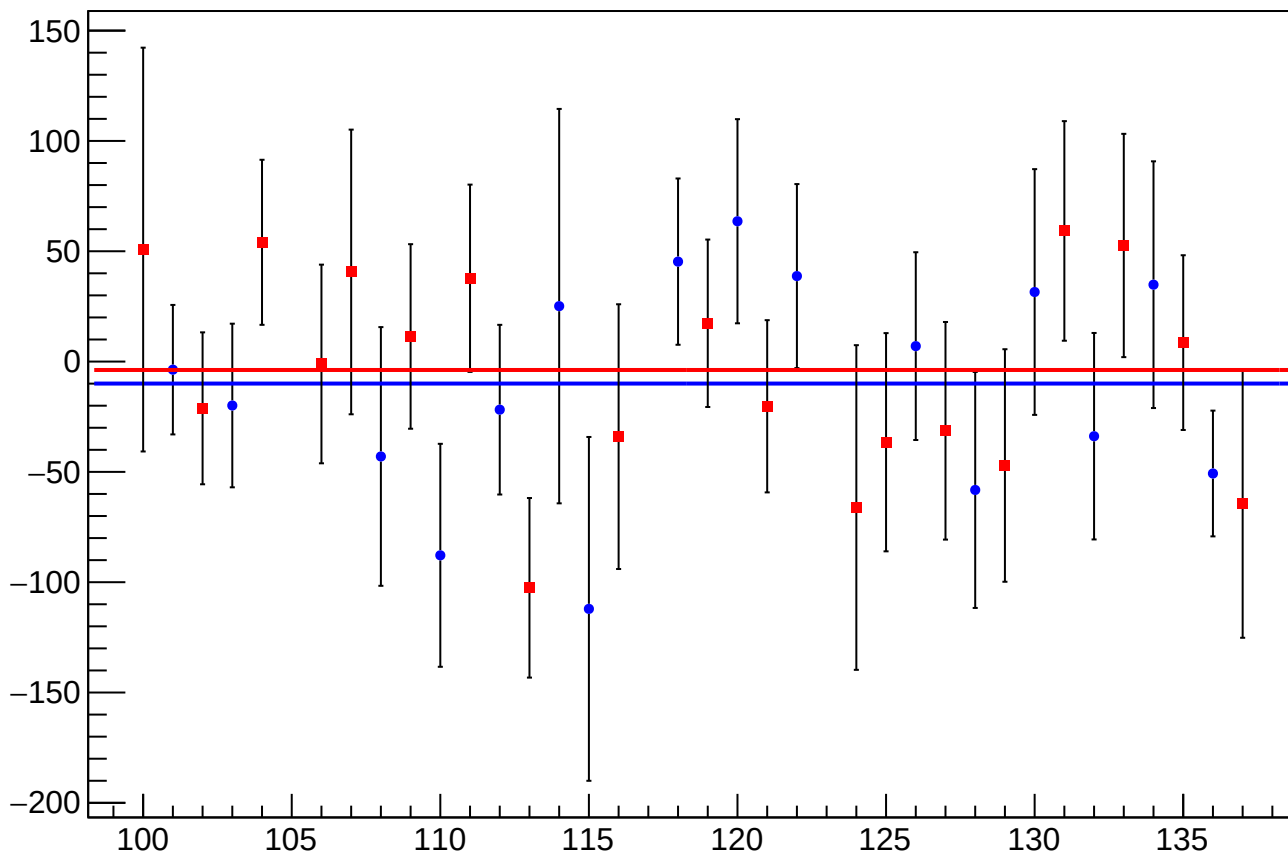
Right: 345.972+/-0.066 χ^2/NDF : 1277836.8/34

In: 349.560+/-0.095 χ^2/NDF : 699303.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.972+/-0.066 χ^2/NDF : 1277836.8/34

diff_bpmE_mean vs Slug, Sign Corrected



Right In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.814+/-10.636 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

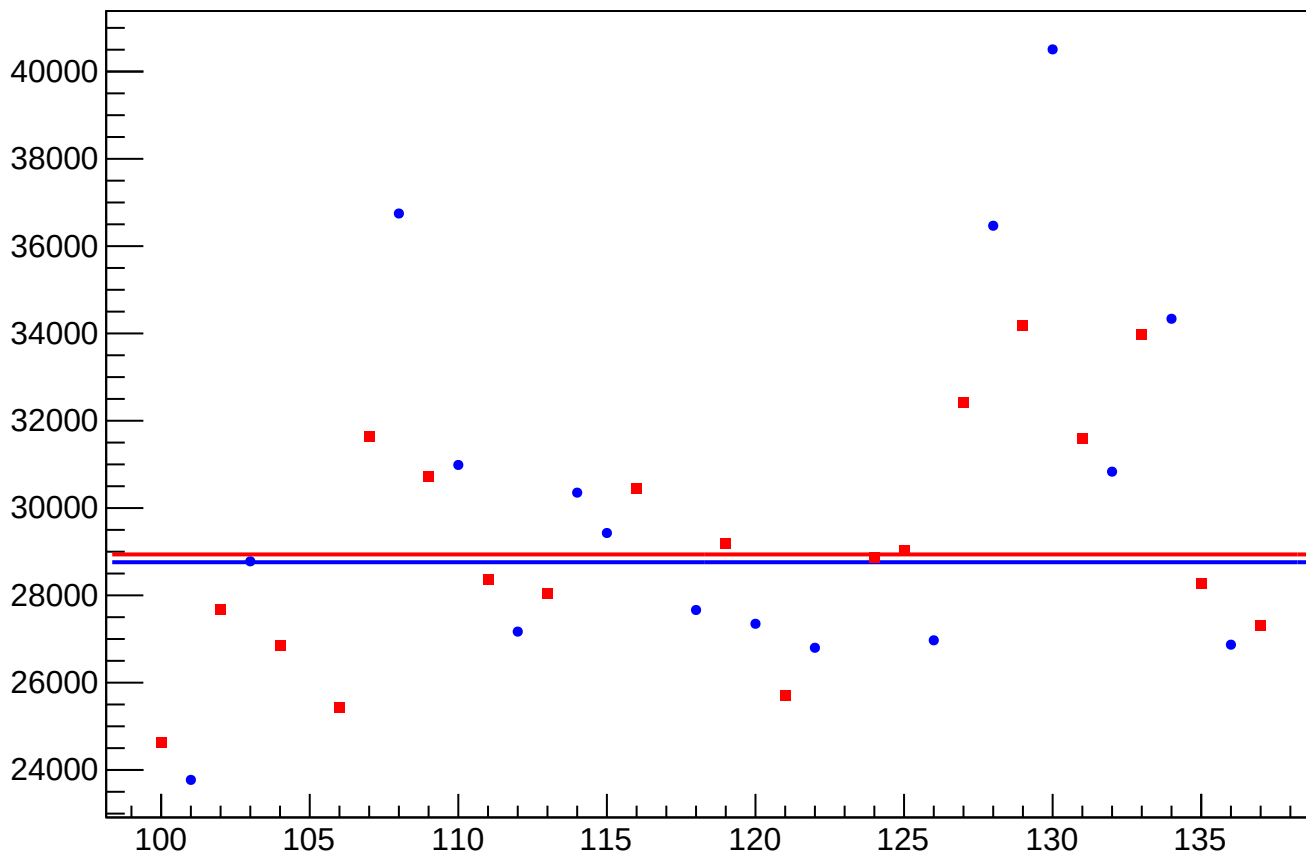
Right: -6.834+/-7.591 χ^2/NDF : 32.8/34

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.834+/-7.591 χ^2/NDF : 32.8/34

diff_bpmE_rms vs Slug, Sign Corrected



Right In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF : 106266.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

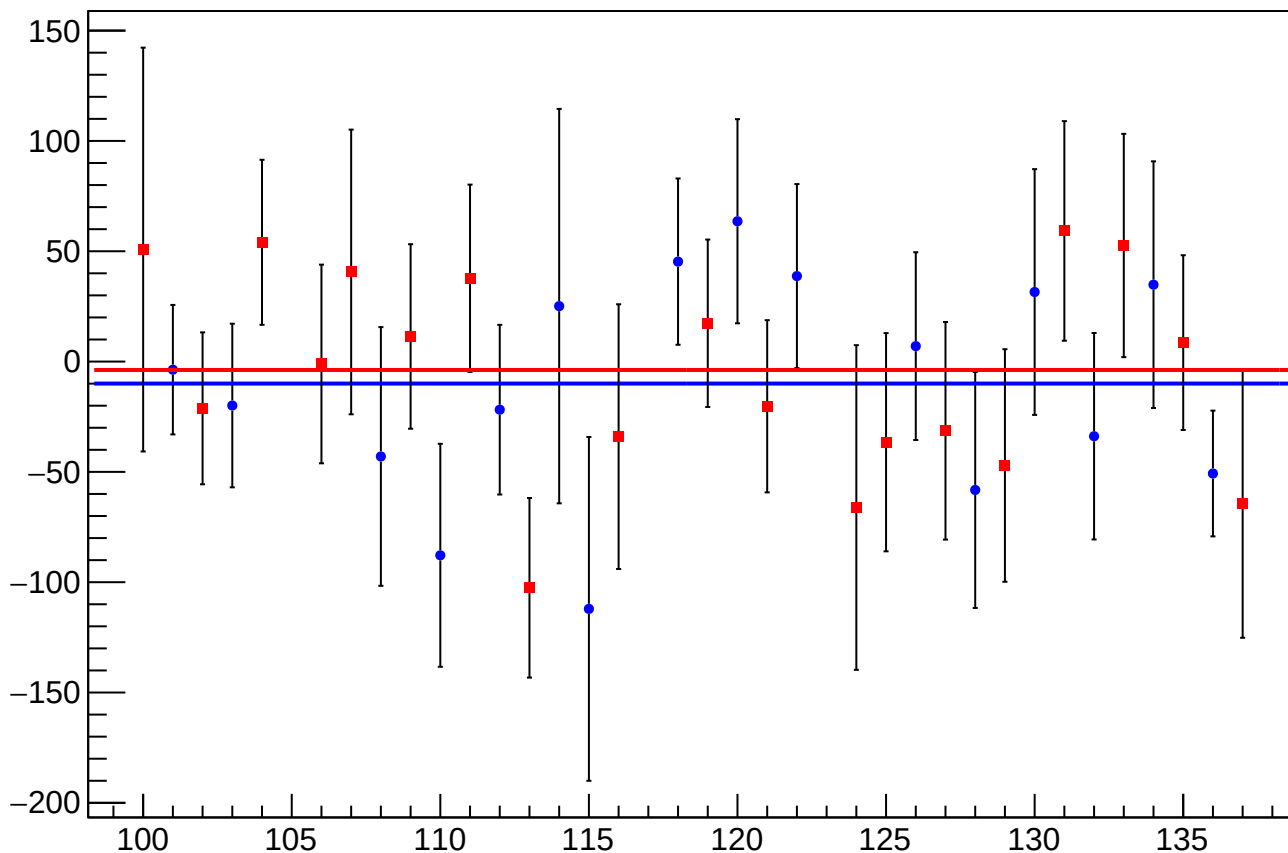
Right: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

diff_bpmEX_mean vs Slug, Sign Corrected



Right In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.814+/-10.636 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

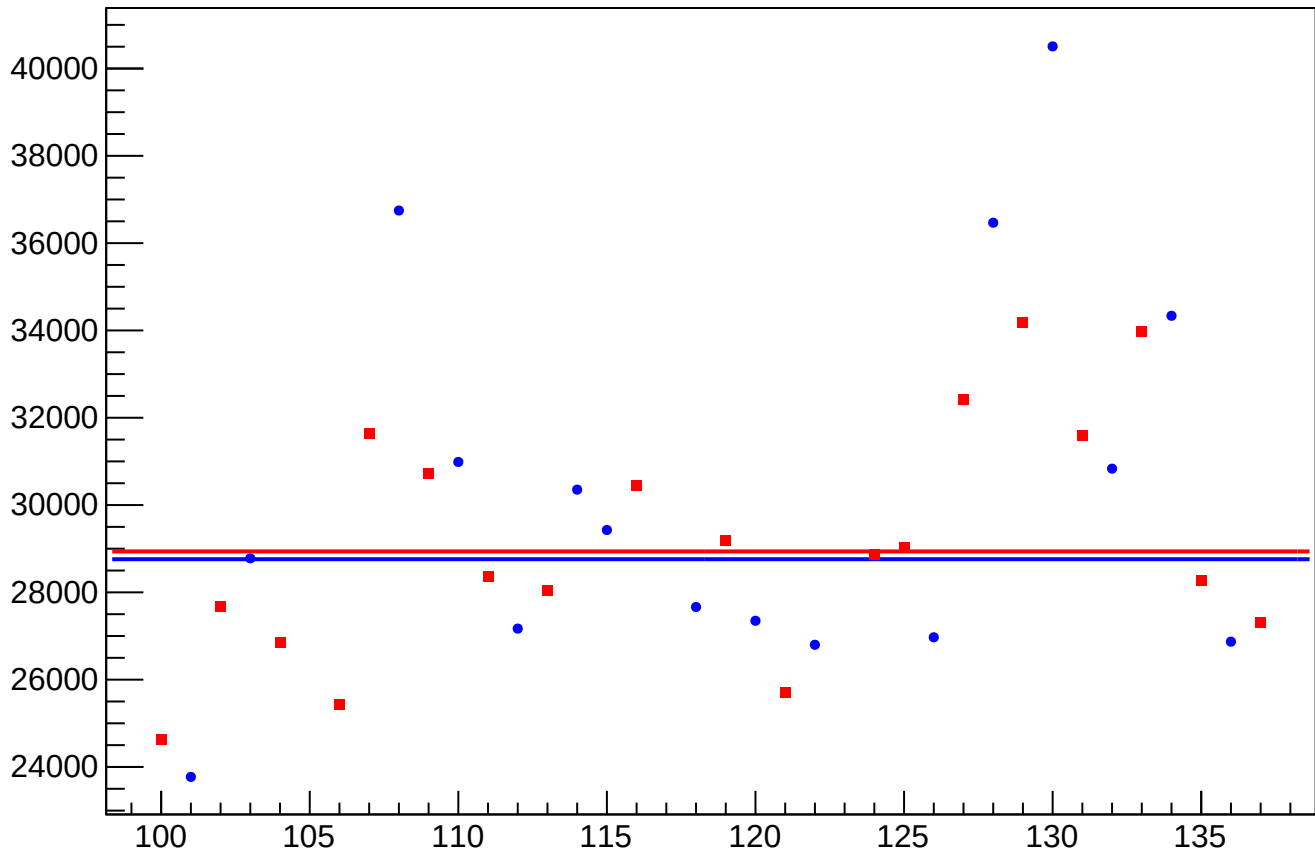
Right: -6.834+/-7.591 χ^2/NDF : 32.8/34

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.834+/-7.591 χ^2/NDF : 32.8/34

diff_bpmEX_rms vs Slug, Sign Corrected



Right In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF : 106266.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

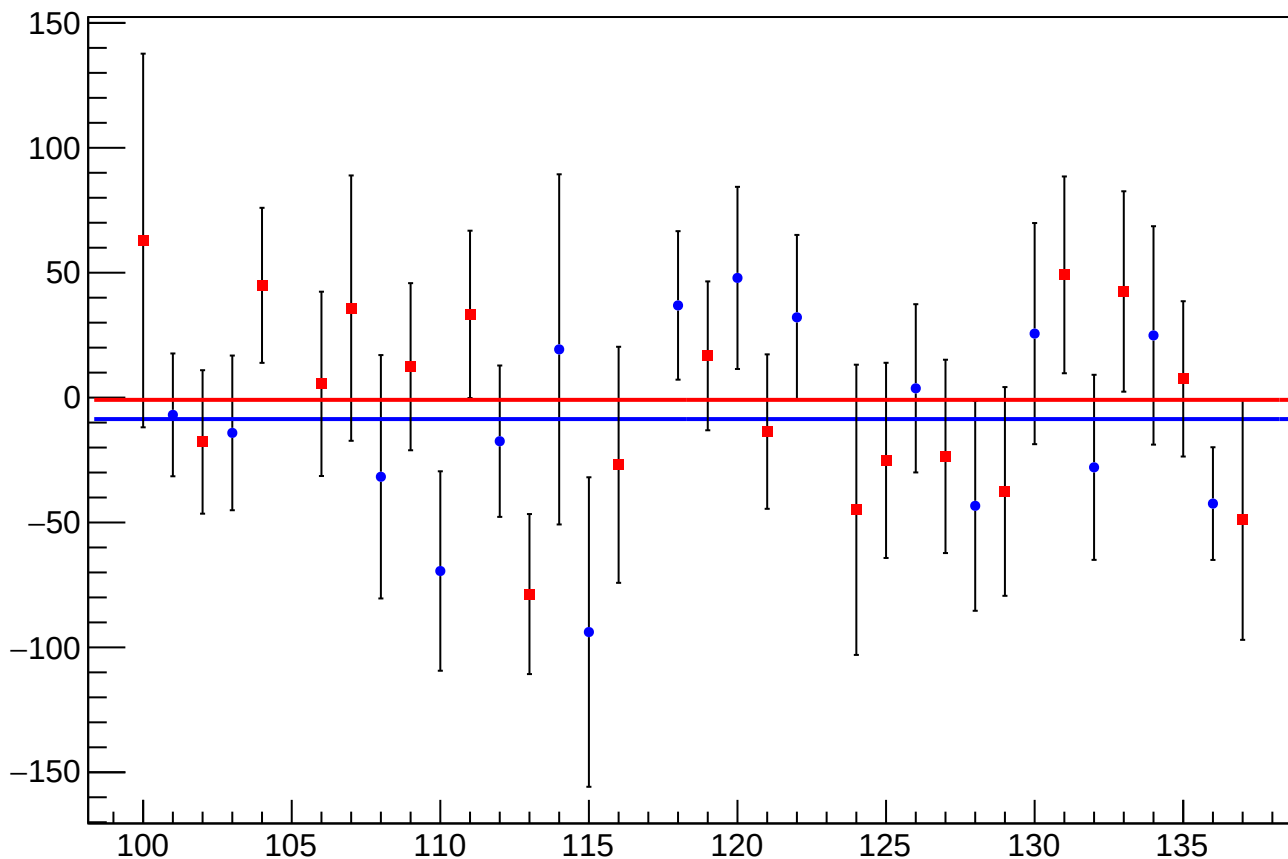
Right: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

diff_bpmE_11X12X_mean vs Slug, Sign Corrected



Right In: -8.599 $\pm$ 8.678 χ^2/NDF : 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.904 $\pm$ 8.506 χ^2/NDF : 17.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

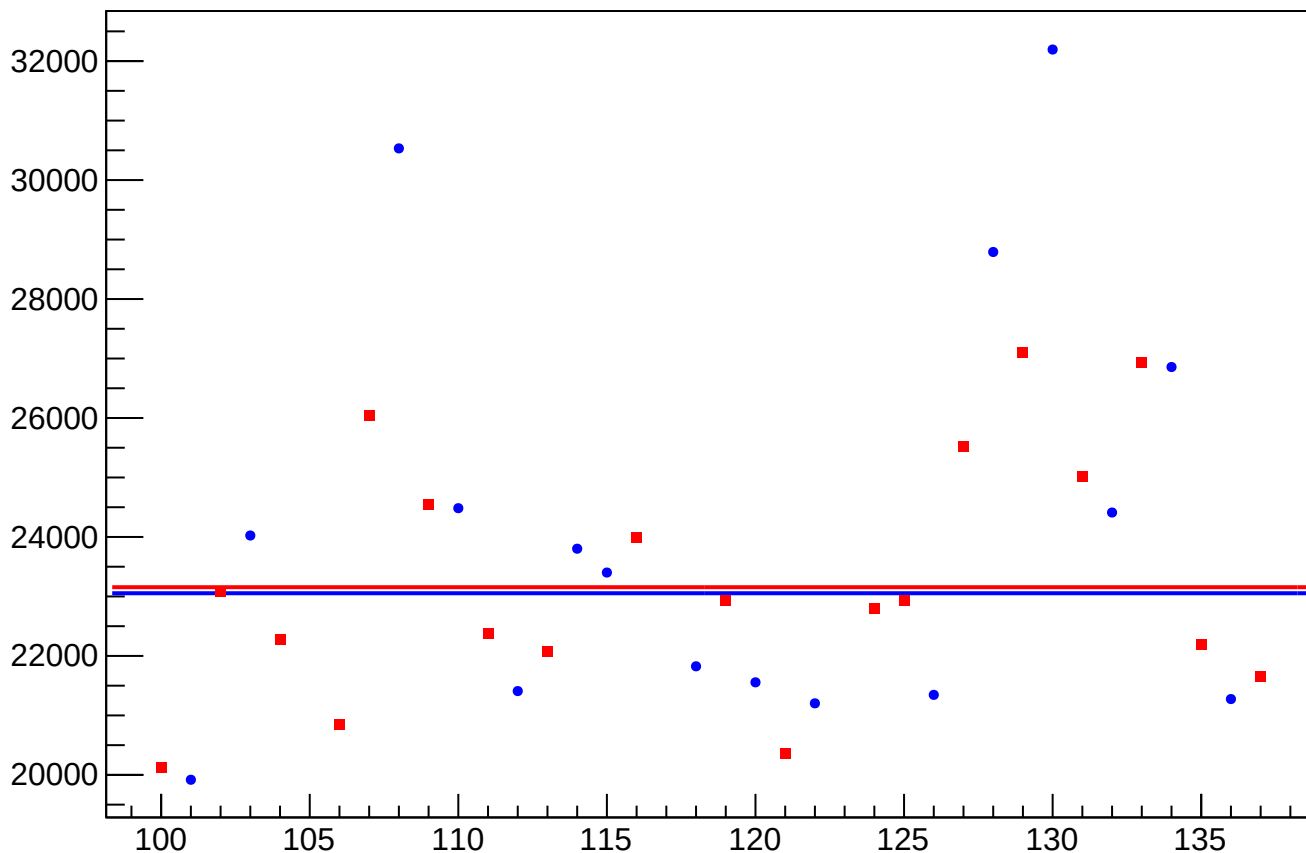
Right: -4.674 $\pm$ 6.075 χ^2/NDF : 33.5/34

In: -8.599 $\pm$ 8.678 χ^2/NDF : 15.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -4.674 $\pm$ 6.075 χ^2/NDF : 33.5/34

diff_bpmE_11X12X_rms vs Slug, Sign Corrected



Right In: 23053.910+/-6.137 χ^2/NDF : 261444.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23155.251+/-6.015 χ^2/NDF : 93894.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

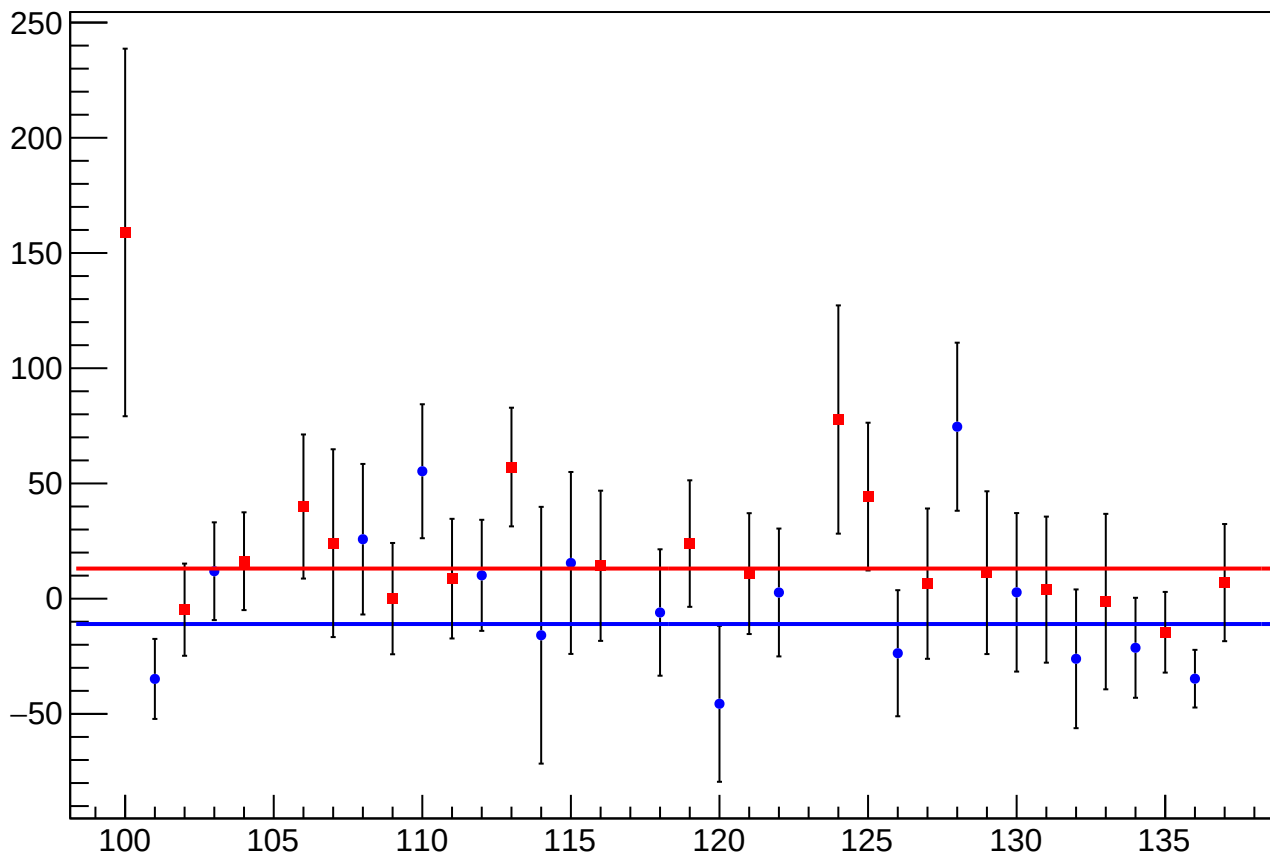
Right: 23105.598+/-4.295 χ^2/NDF : 355478.0/34

In: 23053.910+/-6.137 χ^2/NDF :261444.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23105.598+/-4.295 χ^2/NDF : 355478.0/34

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -11.002 ± 6.155 $\chi^2/\text{NDF}: 22.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 13.071 ± 6.382 $\chi^2/\text{NDF}: 13.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

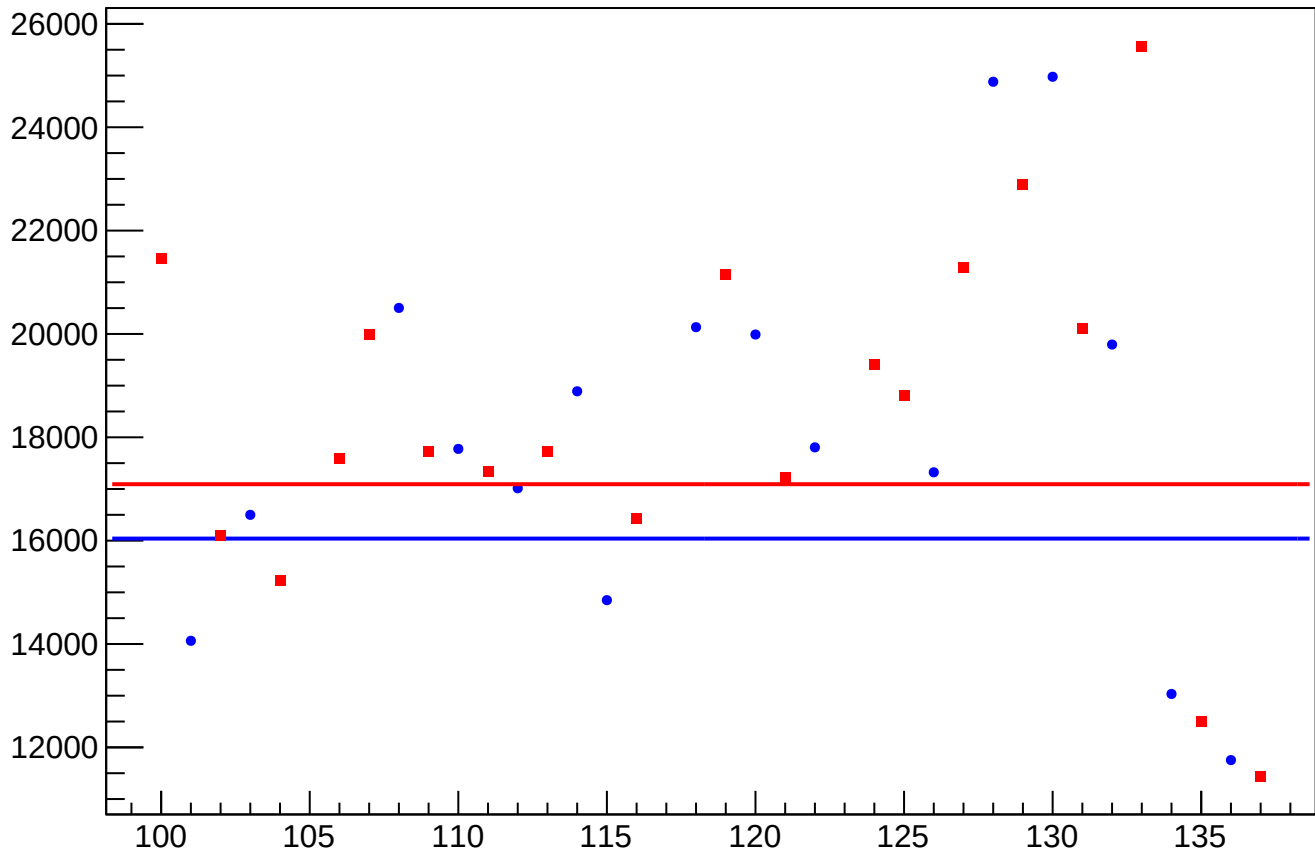
Right: 0.599 ± 4.430 $\chi^2/\text{NDF}: 43.3/34$

In: -11.002 ± 6.155 $\chi^2/\text{NDF}: 22.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.599 ± 4.430 $\chi^2/\text{NDF}: 43.3/34$

diff_bpm4aesumX_rms vs Slug, Sign Corrected



Right In: 16040.060+/-4.352 χ^2/NDF : 722678.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17092.658+/-4.513 χ^2/NDF : 535464.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

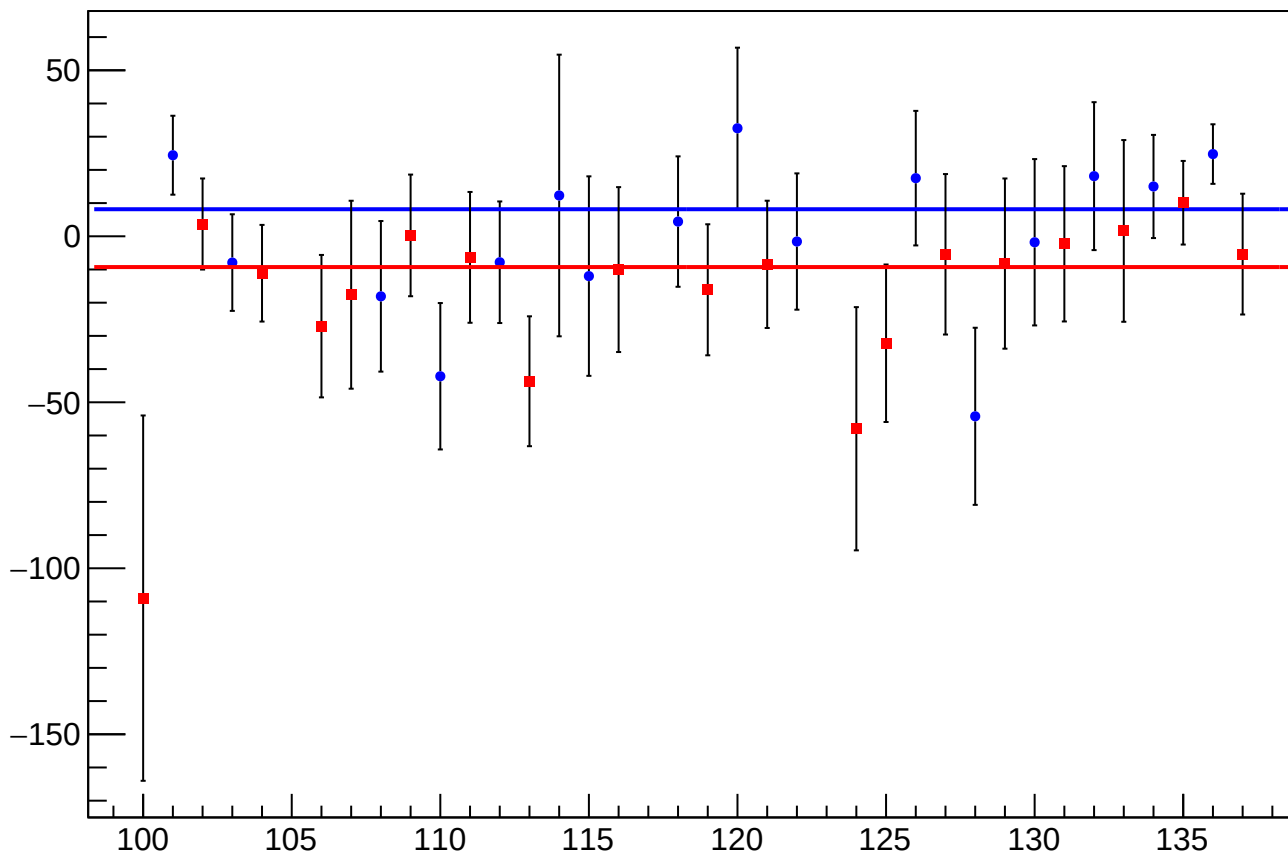
Right: 16547.306+/-3.133 χ^2/NDF : 1286331.2/34

In: 16040.060+/-4.352 χ^2/NDF : 722678.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16547.306+/-3.133 χ^2/NDF : 1286331.2/34

diff_bpm4aediX_mean vs Slug, Sign Corrected



Right In: 8.150 ± 4.423 χ^2/NDF : 21.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.270 ± 4.607 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

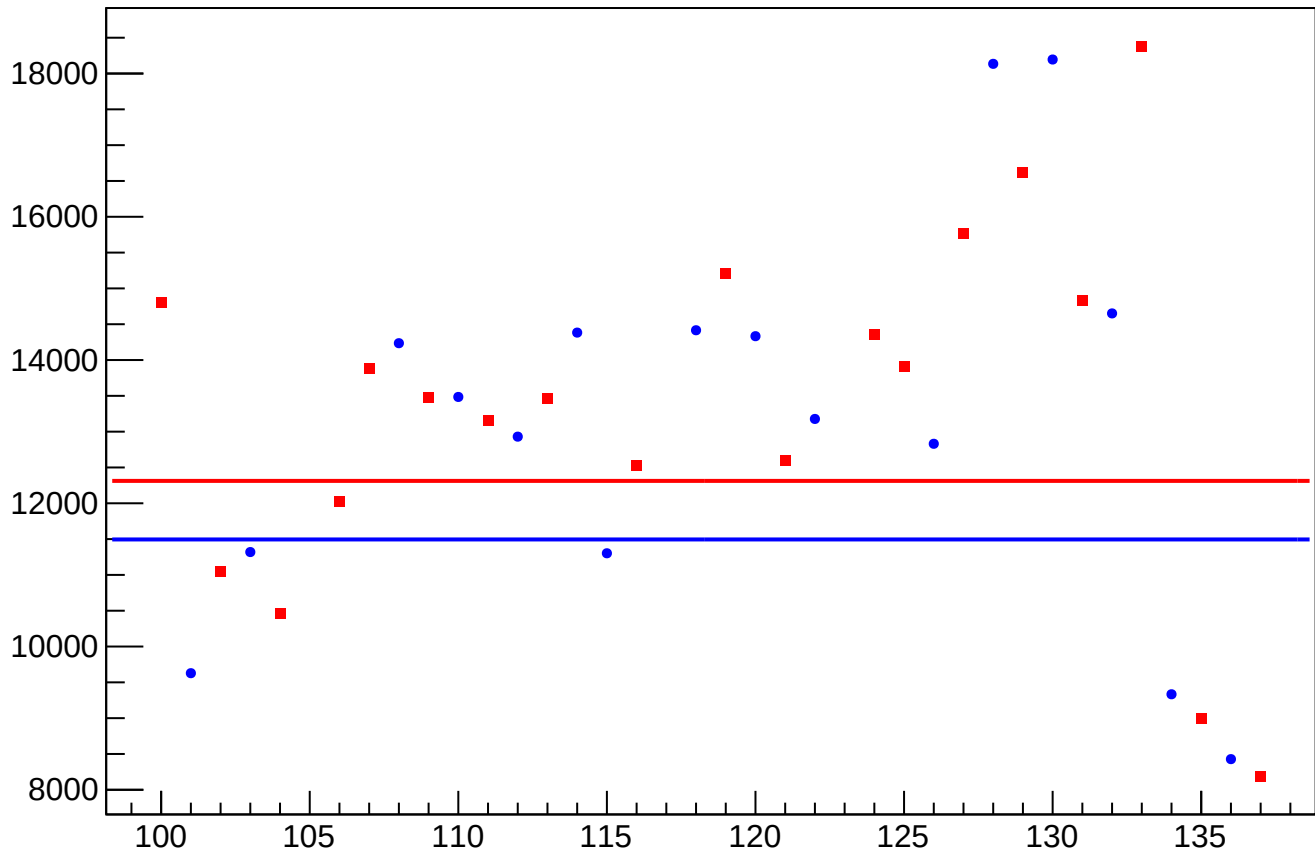
Right: -0.204 ± 3.191 χ^2/NDF : 43.1/34

In: 8.150 ± 4.423 χ^2/NDF : 21.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.204 ± 3.191 χ^2/NDF : 43.1/34

diff_bpm4aediffX_rms vs Slug, Sign Corrected



Right In: 11494.969+/-3.127 χ^2/NDF : 789990.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12312.550+/-3.258 χ^2/NDF : 598755.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

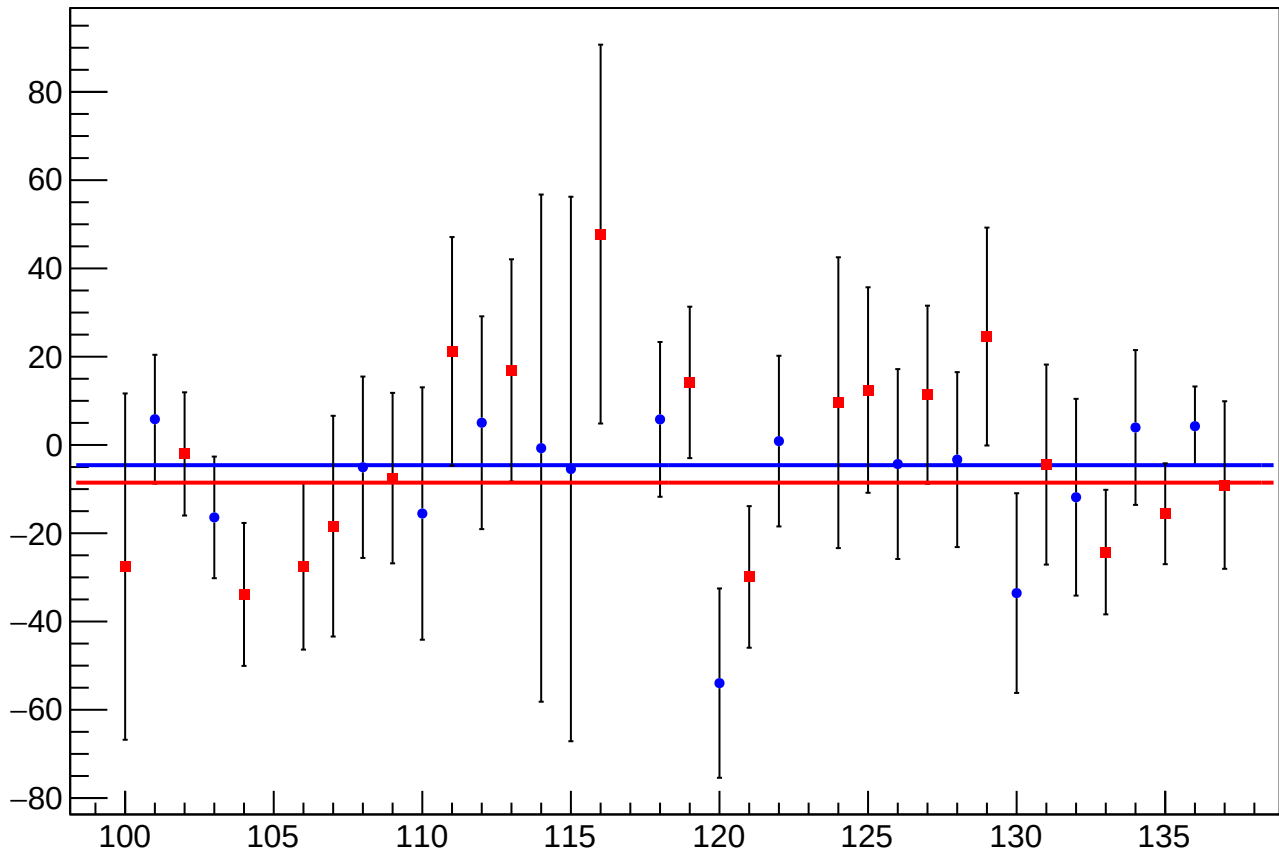
Right: 11887.075+/-2.256 χ^2/NDF : 1421522.1/34

In: 11494.969+/-3.127 χ^2/NDF : 789990.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11887.075+/-2.256 χ^2/NDF : 1421522.1/34

diff_bpm4aesumY_mean vs Slug, Sign Corrected



Right In: -4.578 ± 4.554 χ^2/NDF : 10.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.537 ± 4.392 χ^2/NDF : 17.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

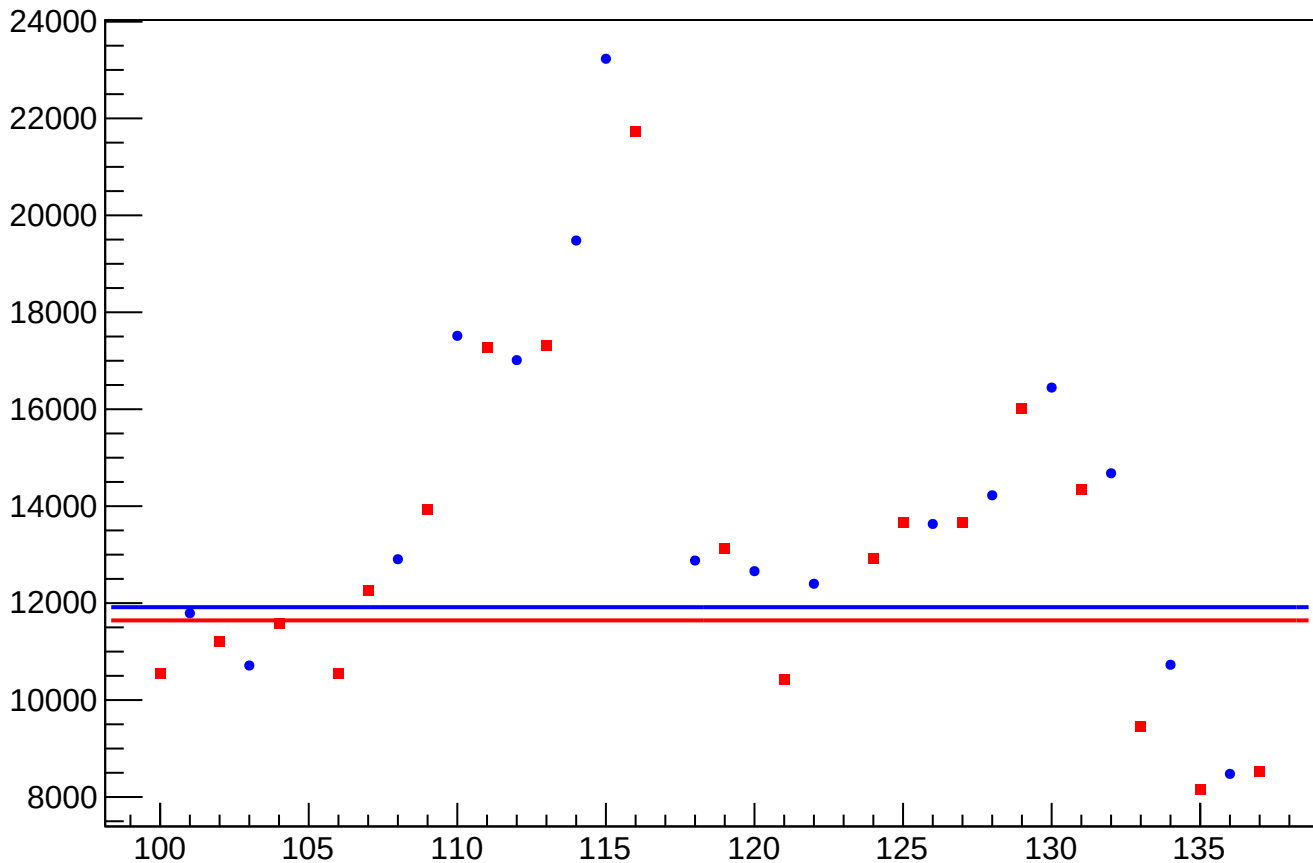
Right: -6.629 ± 3.161 χ^2/NDF : 27.8/34

In: -4.578 ± 4.554 χ^2/NDF : 10.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.629 ± 3.161 χ^2/NDF : 27.8/34

diff_bpm4aesumY_rms vs Slug, Sign Corrected



Right In: 11916.355+/-3.220 χ^2/NDF : 749775.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11643.622+/-3.106 χ^2/NDF : 790359.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

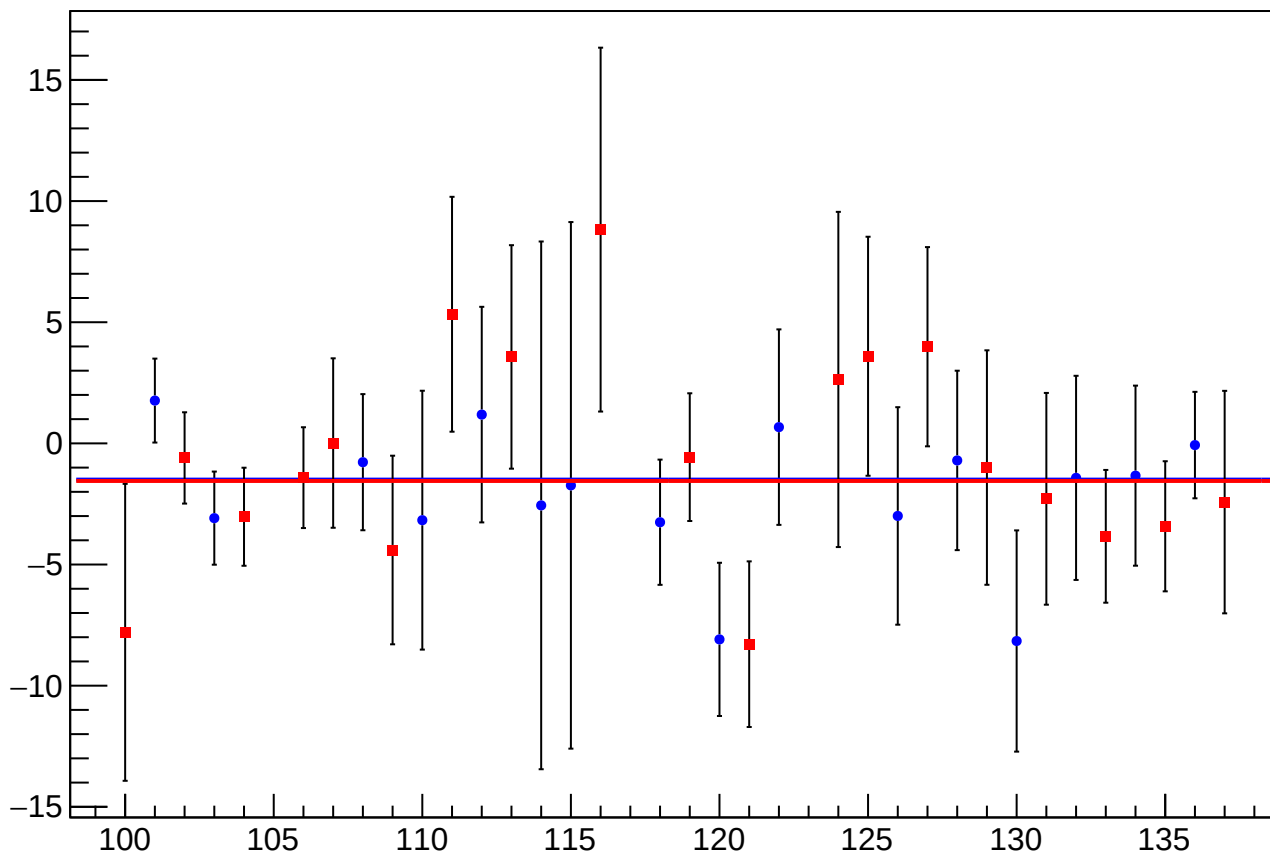
Right: 11775.058+/-2.235 χ^2/NDF : 1543851.0/34

In: 11916.355+/-3.220 χ^2/NDF : 749775.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11775.058+/-2.235 χ^2/NDF : 1543851.0/34

diff_bpm4aediY_mean vs Slug, Sign Corrected



Right In: -1.496 ± 0.778 χ^2/NDF : 12.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.551 ± 0.745 χ^2/NDF : 16.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

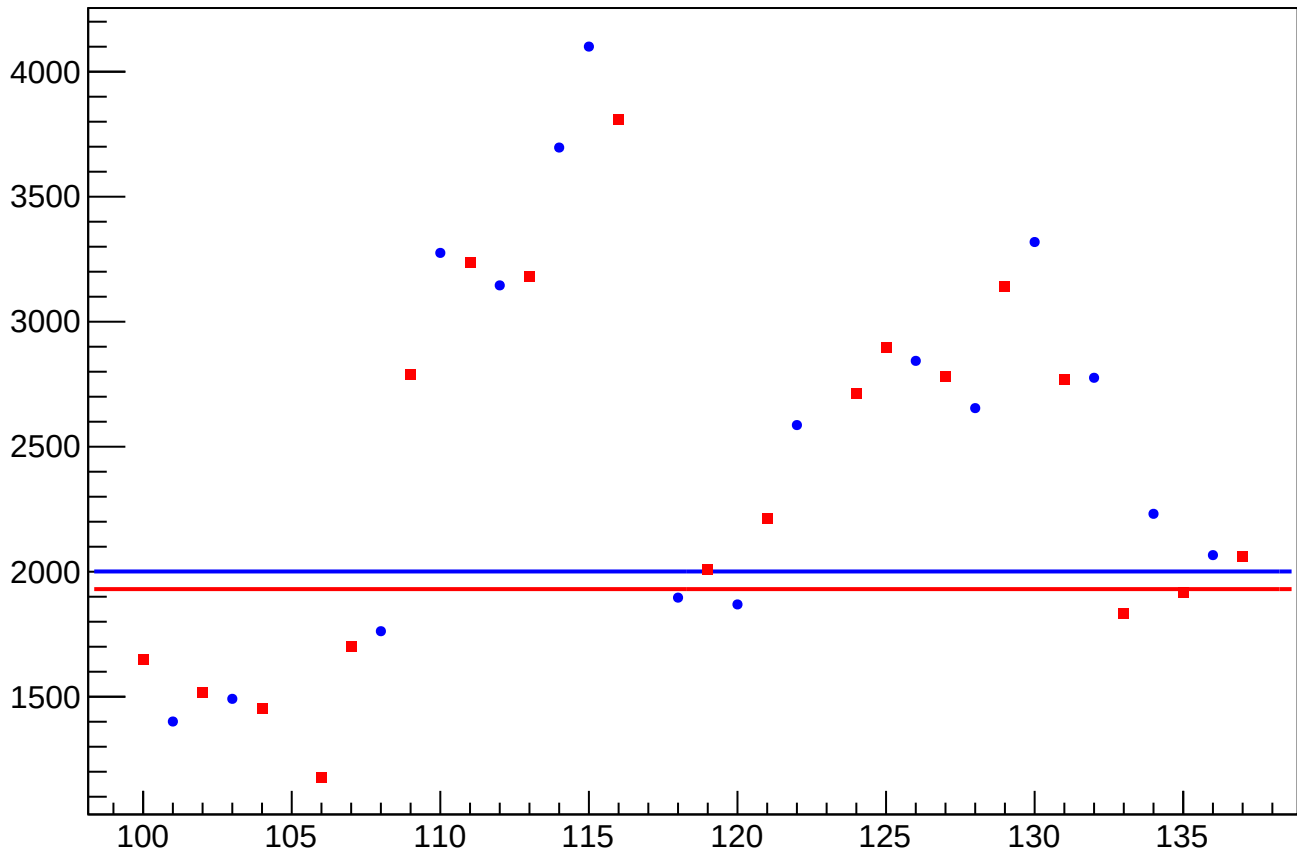
Right: -1.525 ± 0.538 χ^2/NDF : 28.9/34

In: -1.496 ± 0.778 χ^2/NDF : 12.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.525 ± 0.538 χ^2/NDF : 28.9/34

diff_bpm4aediffY_rms vs Slug, Sign Corrected



Right In: 2001.000+/-0.550 χ^2/NDF : 1189784.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.434+/-0.526 χ^2/NDF : 1403552.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

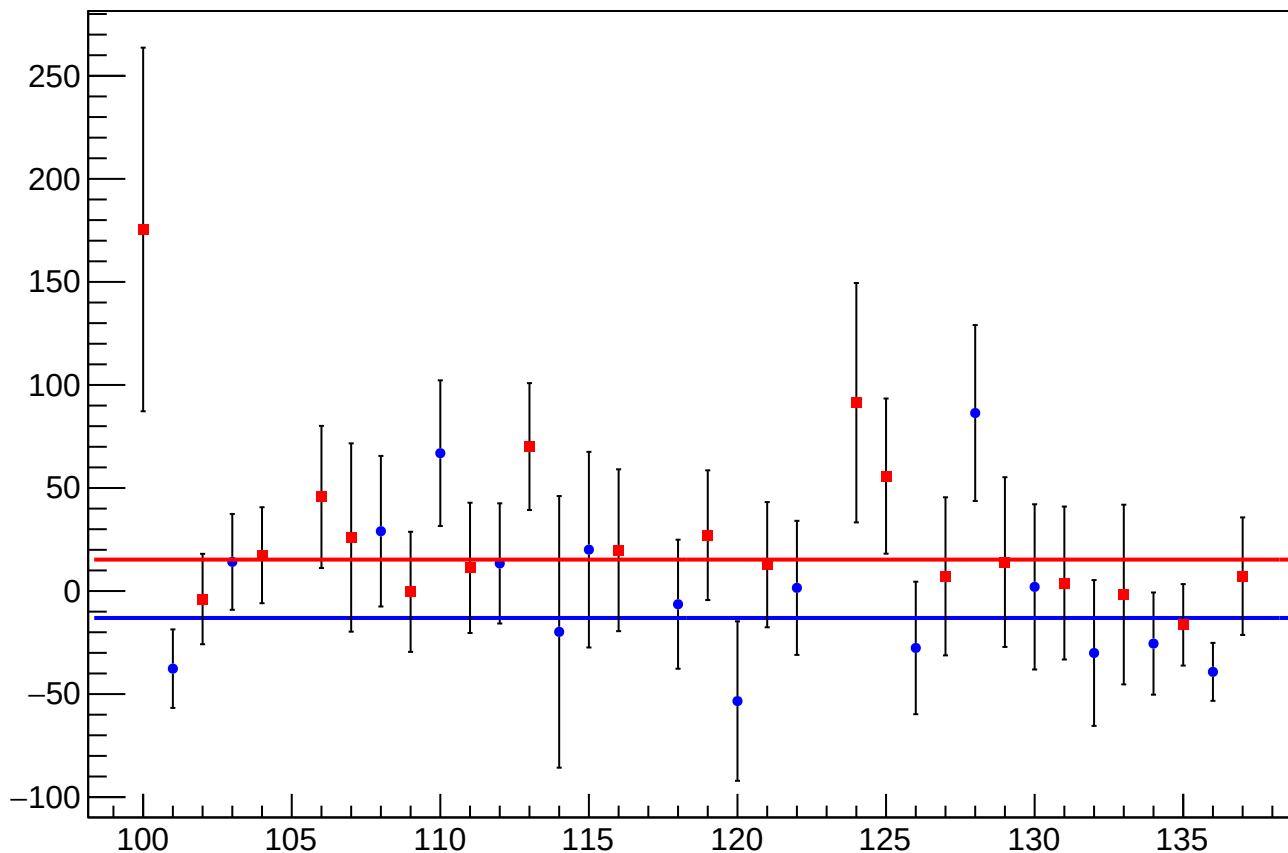
Right: 1964.155+/-0.380 χ^2/NDF : 2601922.6/34

In: 2001.000+/-0.550 χ^2/NDF : 1189784.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.155+/-0.380 χ^2/NDF : 2601922.6/34

diff_bpmtargetsumX_mean vs Slug, Sign Corrected



Right In: -13.066+/-7.026 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.253+/-7.321 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

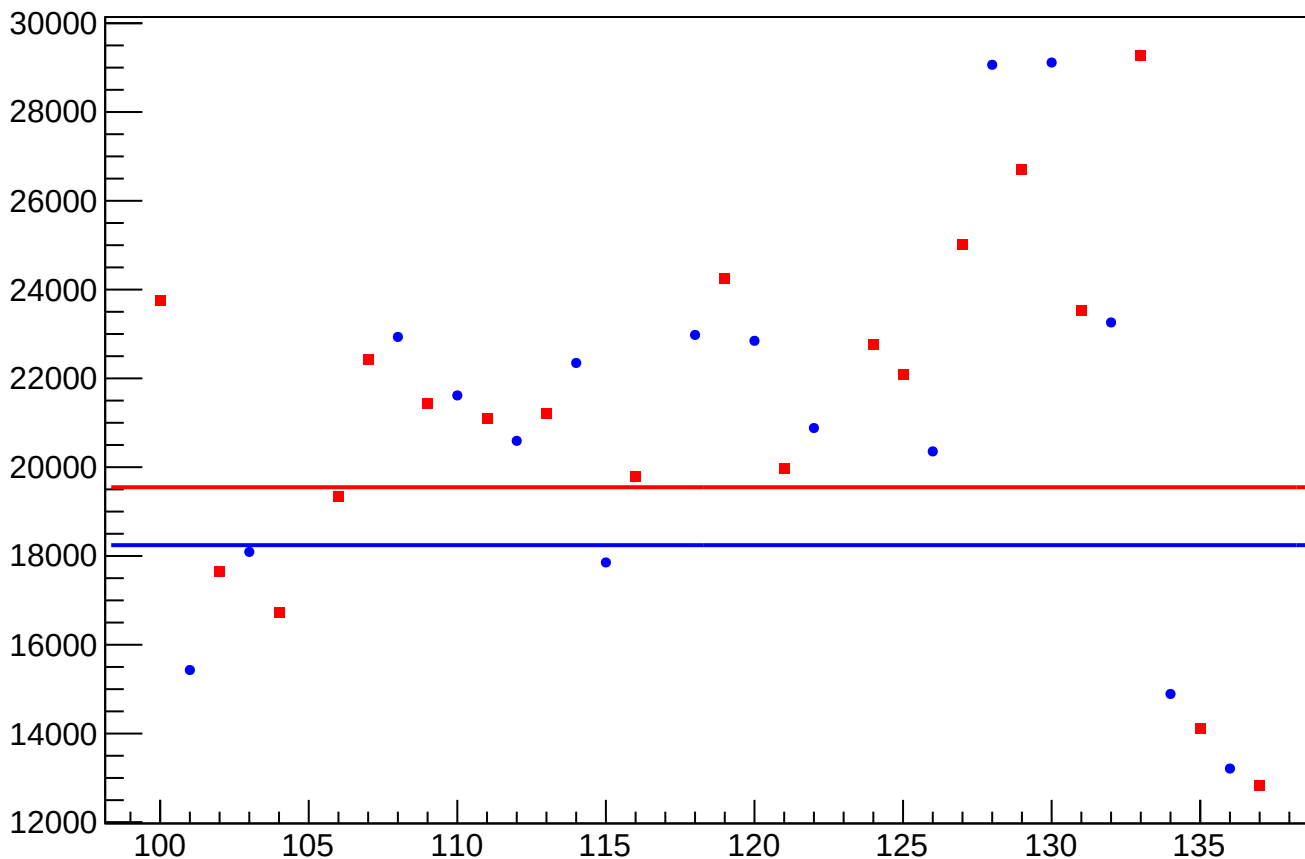
Right: 0.513+/-5.069 χ^2/NDF : 44.0/34

In: -13.066+/-7.026 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.513+/-5.069 χ^2/NDF : 44.0/34

diff_bpmtargetsumX_rms vs Slug, Sign Corrected



Right In: 18243.342+/-4.968 χ^2/NDF : 819828.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19548.426+/-5.176 χ^2/NDF : 621716.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

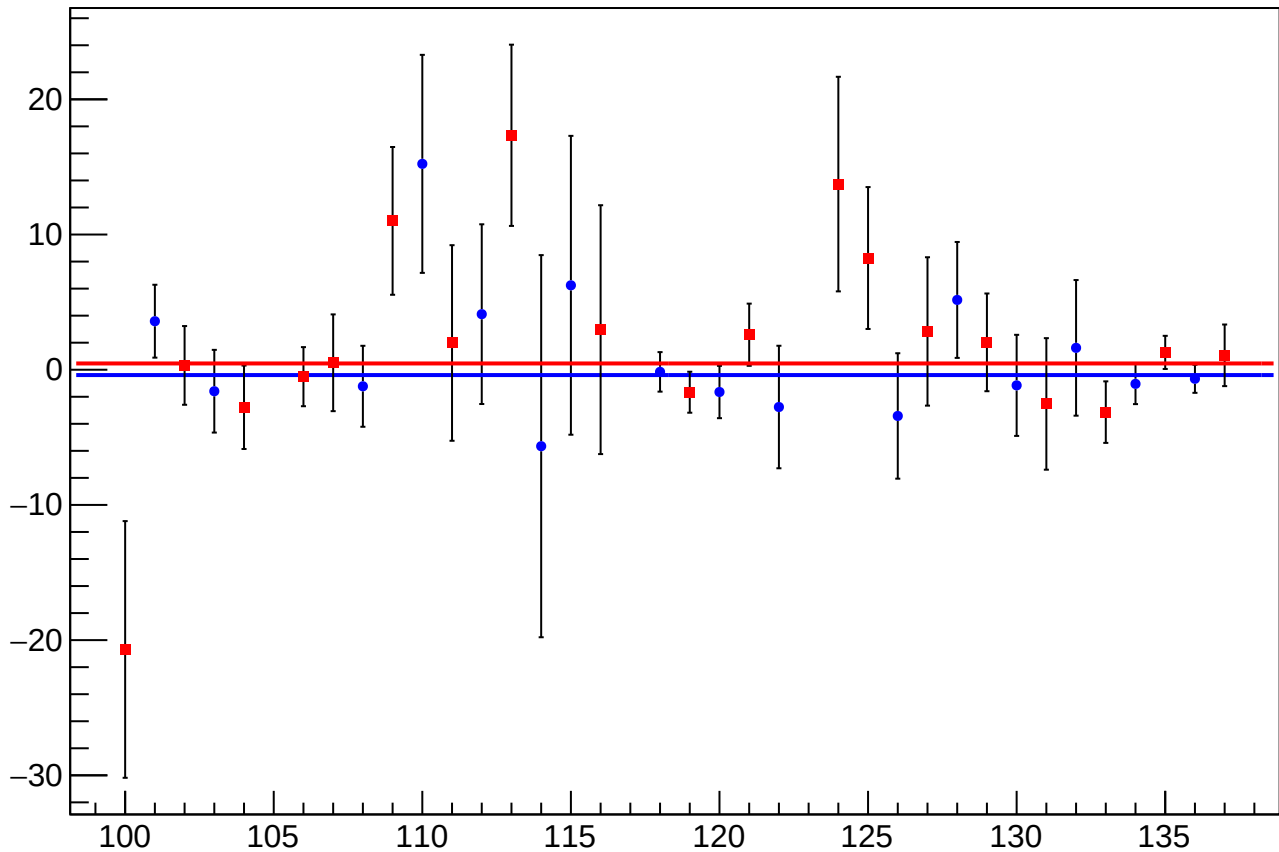
Right: 18869.124+/-3.585 χ^2/NDF : 1474629.7/34

In: 18243.342+/-4.968 χ^2/NDF : 819828.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18869.124+/-3.585 χ^2/NDF : 1474629.7/34

diff_bpmtargetdiffX_mean vs Slug, Sign Corrected



Right In: -0.394 ± 0.600 χ^2/NDF : 10.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.464 ± 0.634 χ^2/NDF : 28.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

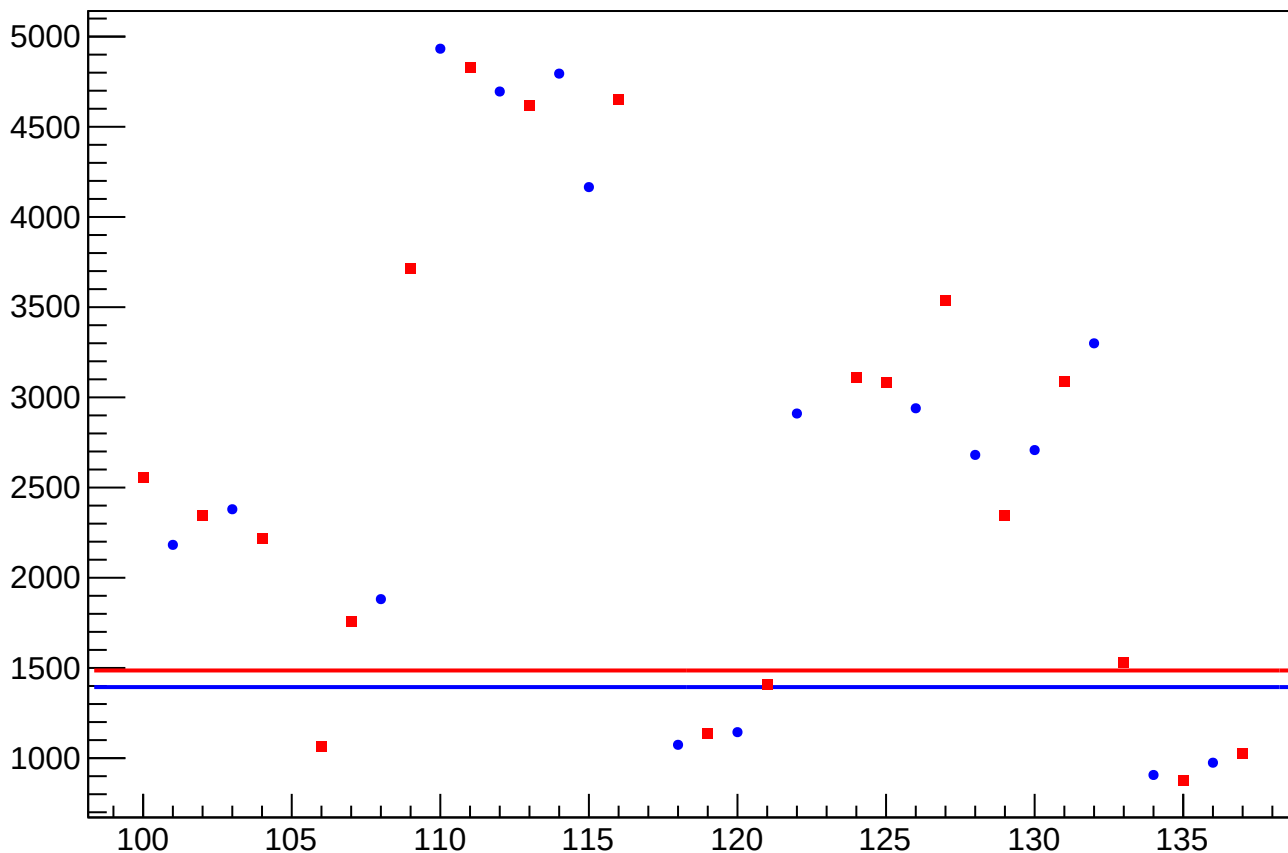
Right: 0.011 ± 0.436 χ^2/NDF : 39.4/34

In: -0.394 ± 0.600 χ^2/NDF : 10.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.011 ± 0.436 χ^2/NDF : 39.4/34

diff_bpmtargetdiffX_rms vs Slug, Sign Corrected



Right In: 1393.912+/-0.424 χ^2/NDF : 3381007.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1486.000+/-0.448 χ^2/NDF : 3398817.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

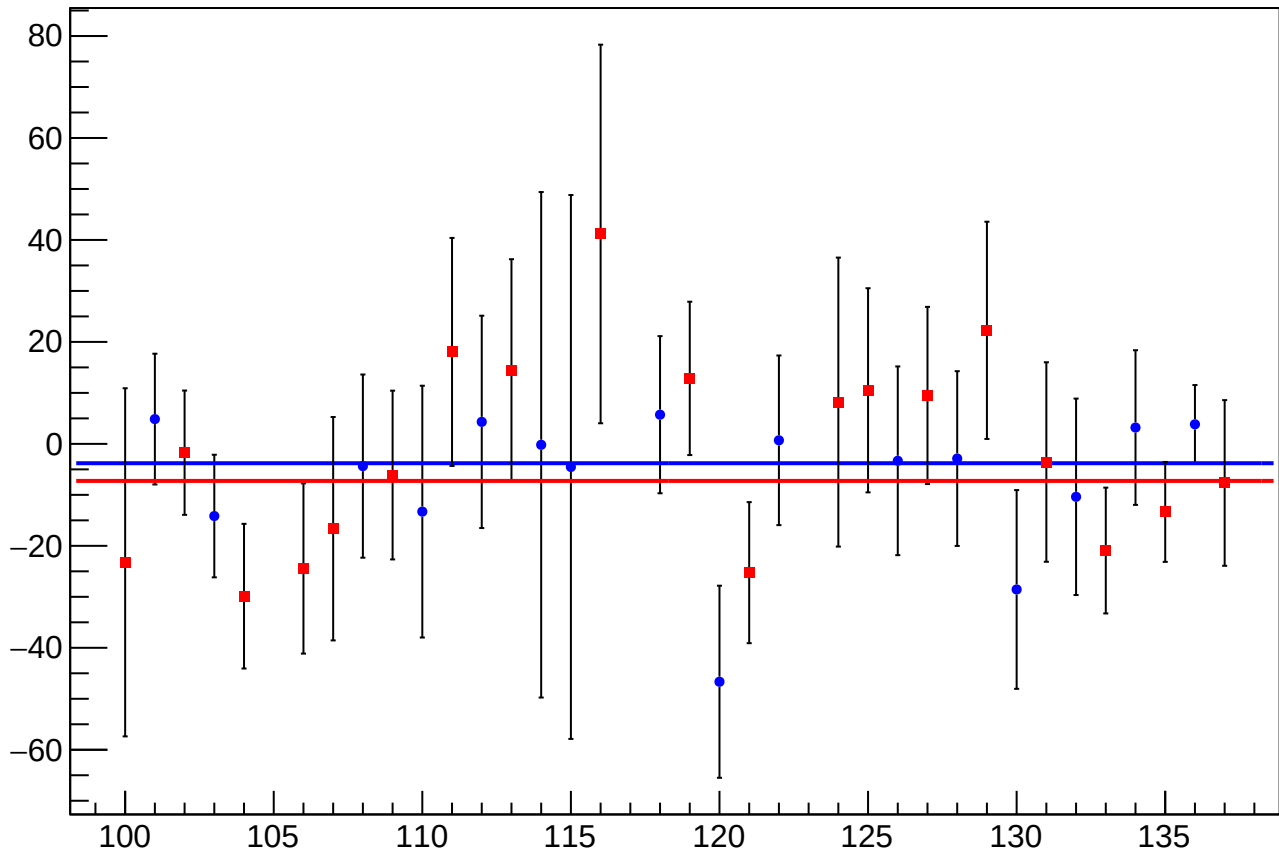
Right: 1437.438+/-0.308 χ^2/NDF : 6802082.3/34

In: 1393.912+/-0.424 χ^2/NDF :3381007.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1437.438+/-0.308 χ^2/NDF : 6802082.3/34

diff_bpmtargetsumY_mean vs Slug, Sign Corrected



Right In: -3.795 ± 3.943 χ^2/NDF : 10.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.264 ± 3.807 χ^2/NDF : 17.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

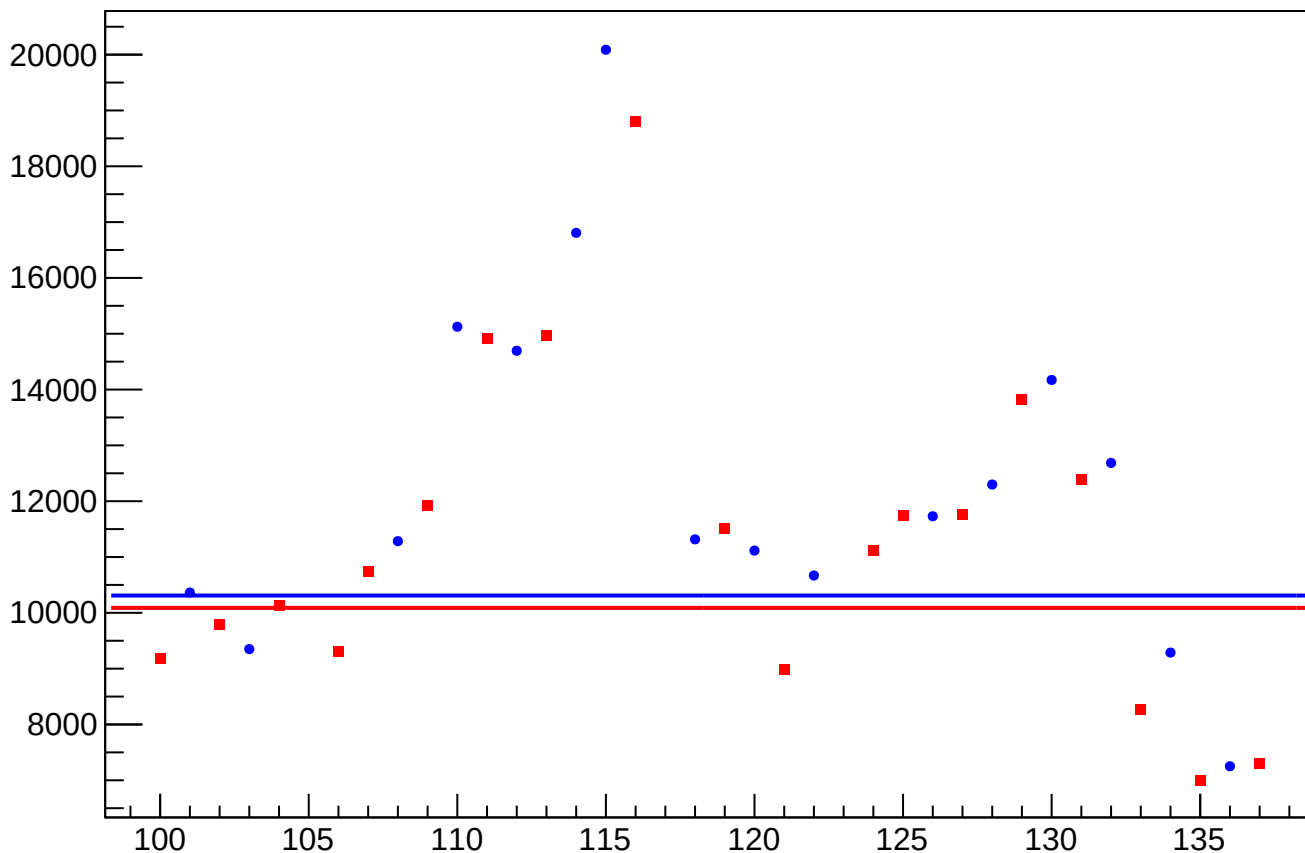
Right: -5.590 ± 2.739 χ^2/NDF : 27.7/34

In: -3.795 ± 3.943 χ^2/NDF : 10.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.590 ± 2.739 χ^2/NDF : 27.7/34

diff_bpmtargetsumY_rms vs Slug, Sign Corrected



Right In: 10309.969+/-2.788 χ^2/NDF : 770518.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 10089.584+/-2.692 χ^2/NDF : 792788.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

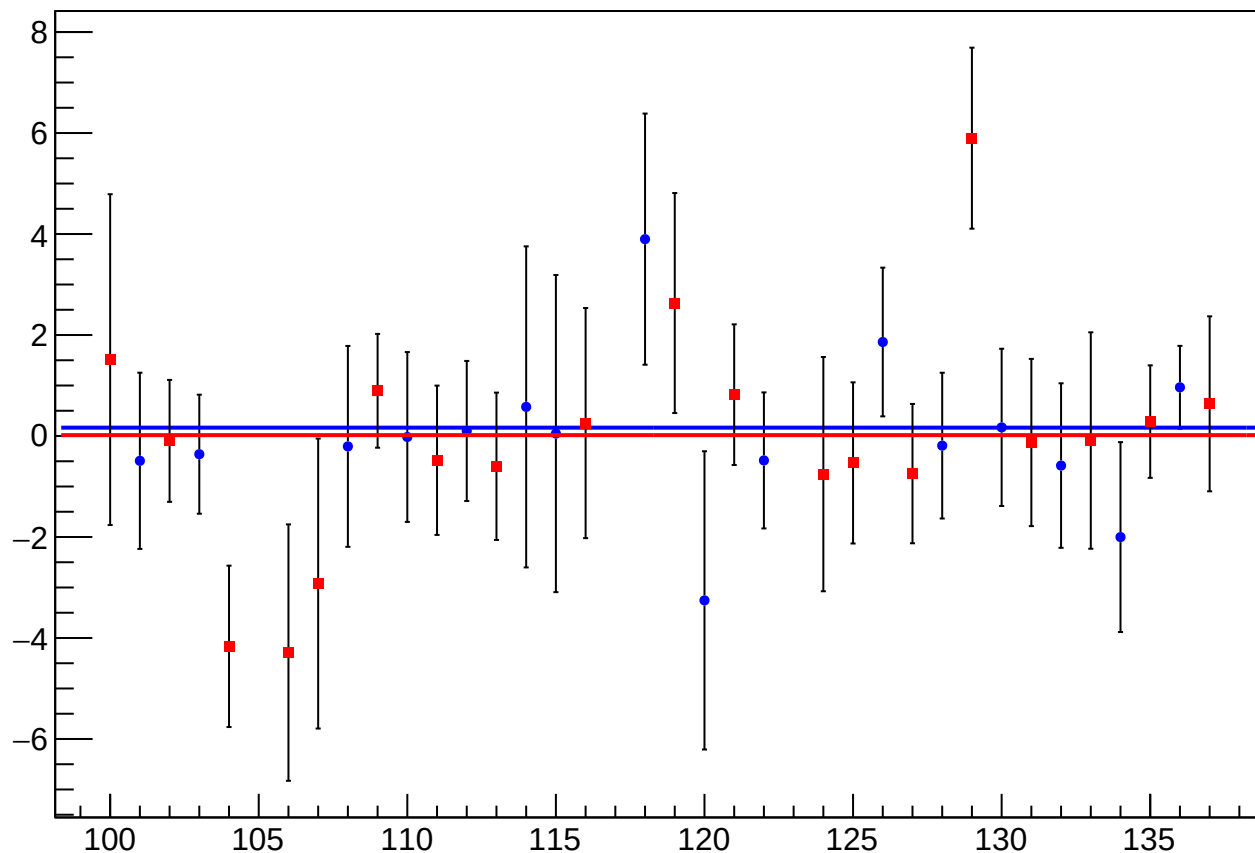
Right: 10195.906+/-1.937 χ^2/NDF : 1566539.8/34

In: 10309.969+/-2.788 χ^2/NDF :770518.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10195.906+/-1.937 χ^2/NDF : 1566539.8/34

diff_bpmtargetdiffY_mean vs Slug, Sign Corrected



Right In: 0.165+/-0.386 χ^2/NDF : 8.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.372 χ^2/NDF : 25.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

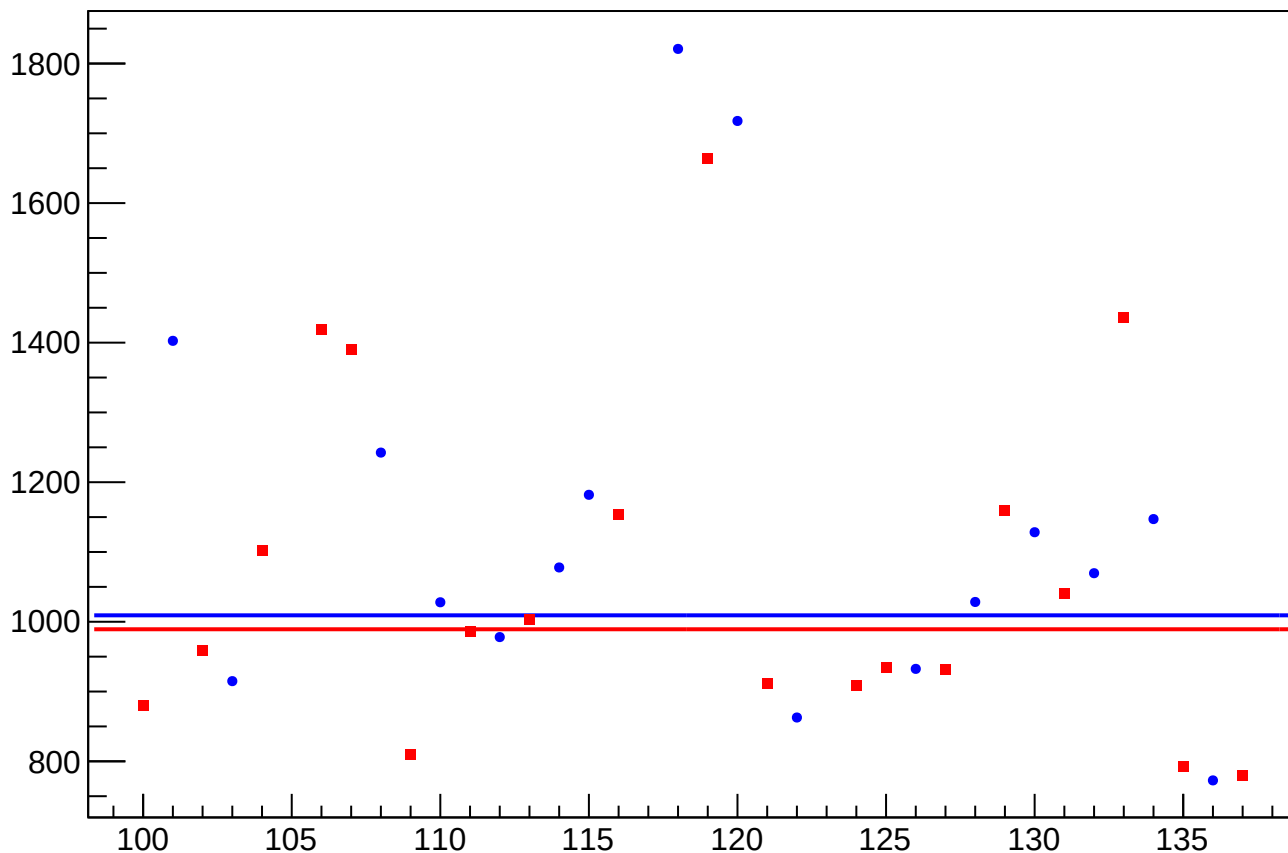
Right: 0.089+/-0.268 χ^2/NDF : 33.4/34

In: 0.165+/-0.386 χ^2/NDF : 8.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.089+/-0.268 χ^2/NDF : 33.4/34

diff_bpmtargetdiffY_rms vs Slug, Sign Corrected



Right In: 1009.222+/-0.273 χ^2/NDF : 699303.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 989.246+/-0.263 χ^2/NDF : 575759.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

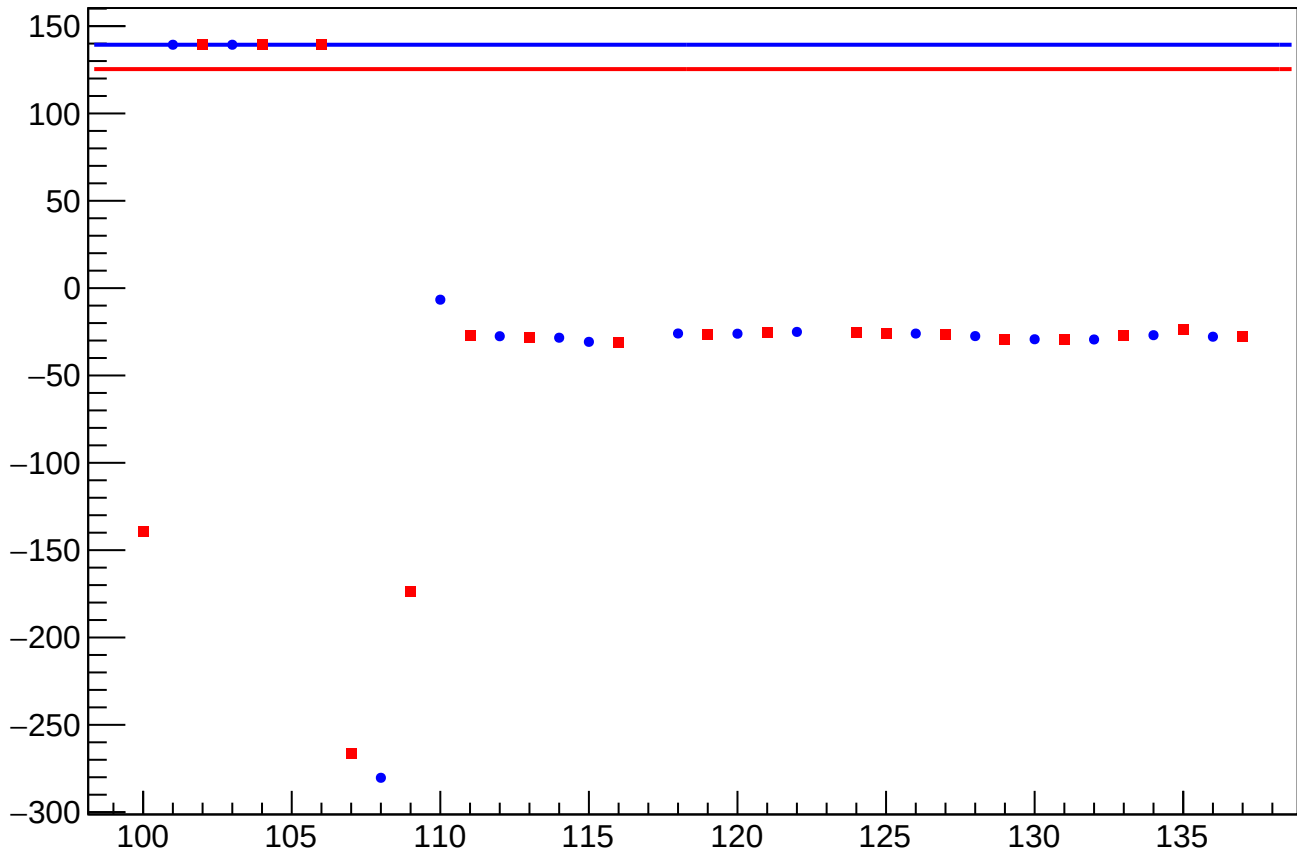
Right: 998.863+/-0.190 χ^2/NDF : 1277836.8/34

In: 1009.222+/-0.273 χ^2/NDF : 699303.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

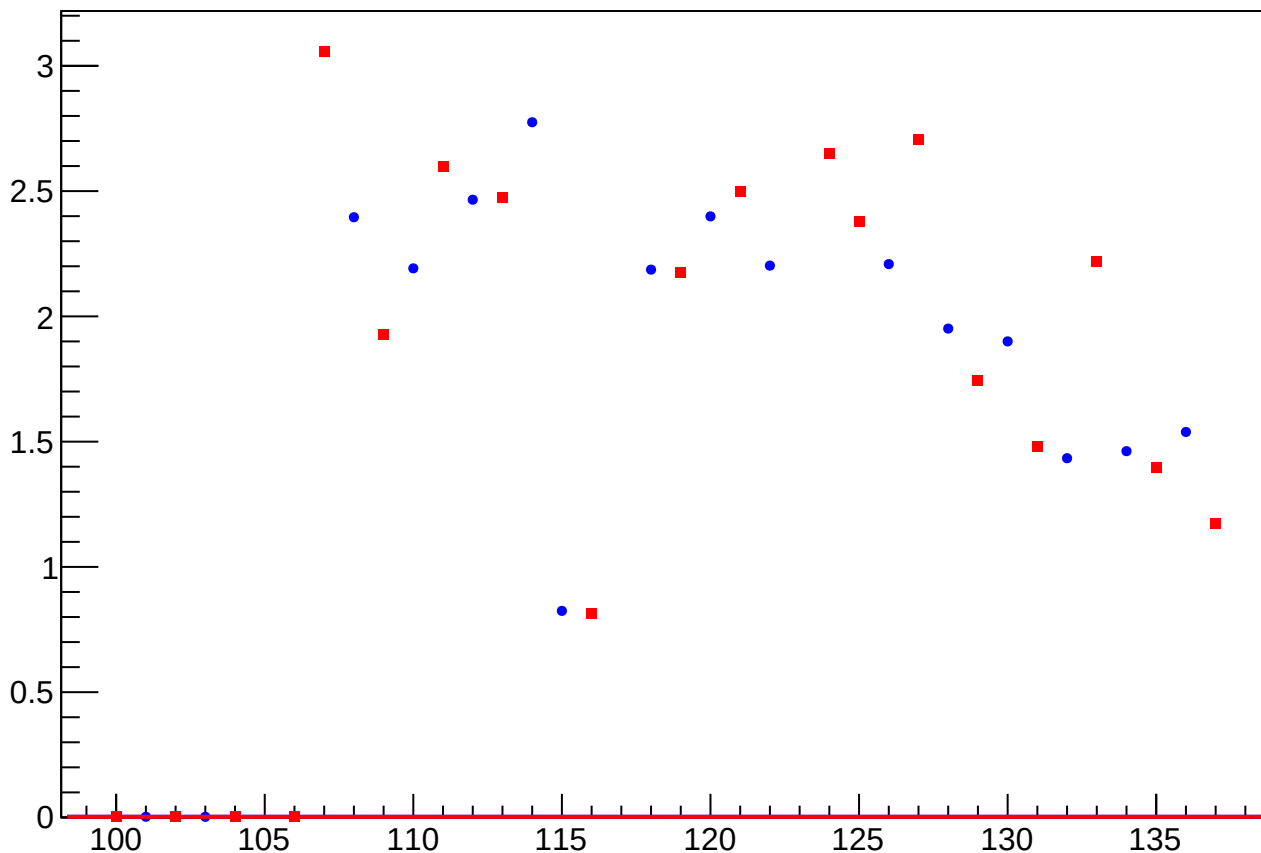
All: 998.863+/-0.190 χ^2/NDF : 1277836.8/34

yield_cav4bX_mean vs Slug, Sign Corrected



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 47088045550.1/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774173119844052.5/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 131.818 $\pm$ 0.000 χ^2 /NDF: 793004999492497

yield_cav4bX_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 9565657.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 9733783.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

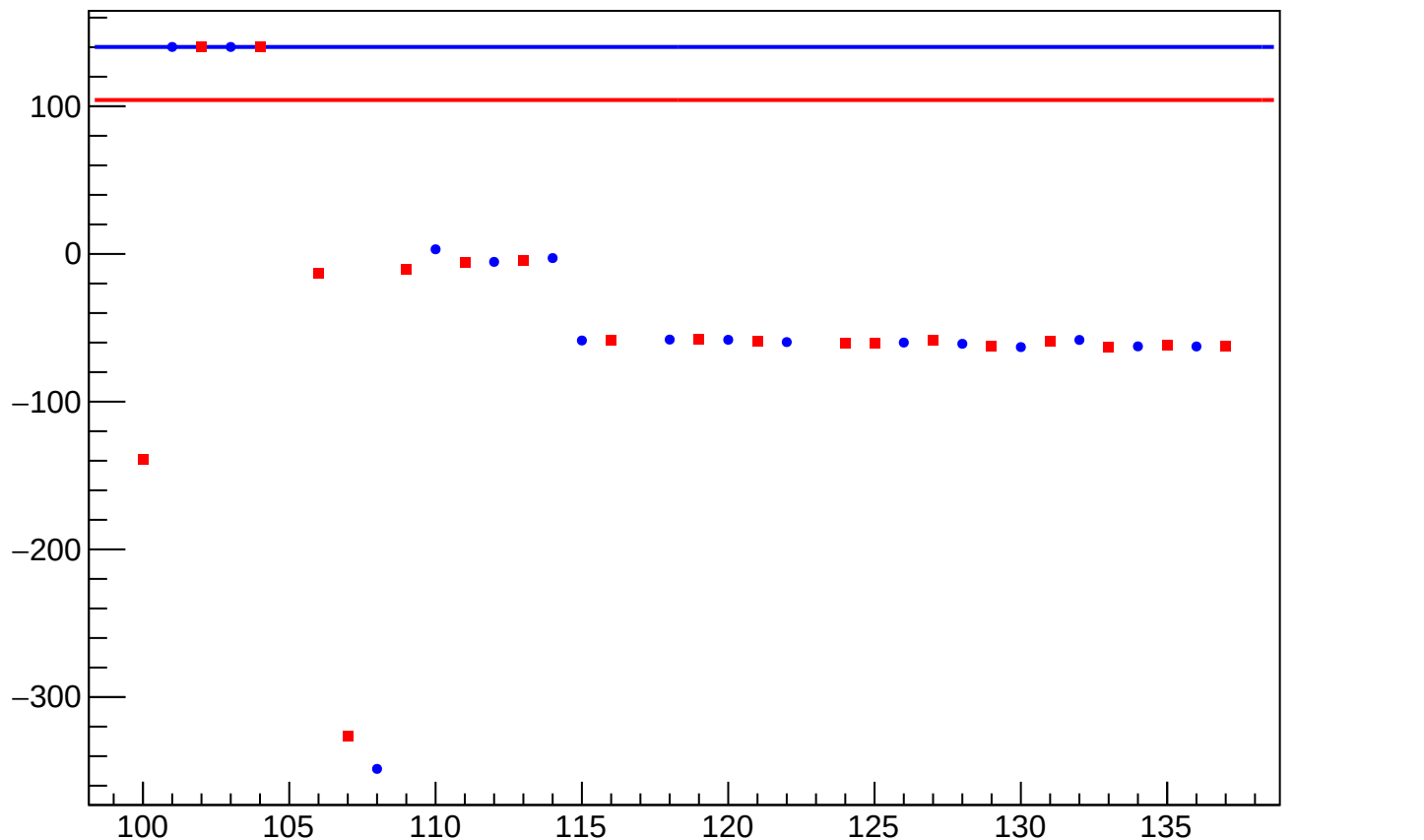
Right: 0.003+/-0.000 χ^2/NDF : 19299624.2/34

In: 0.003+/-0.000 χ^2/NDF :9565657.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

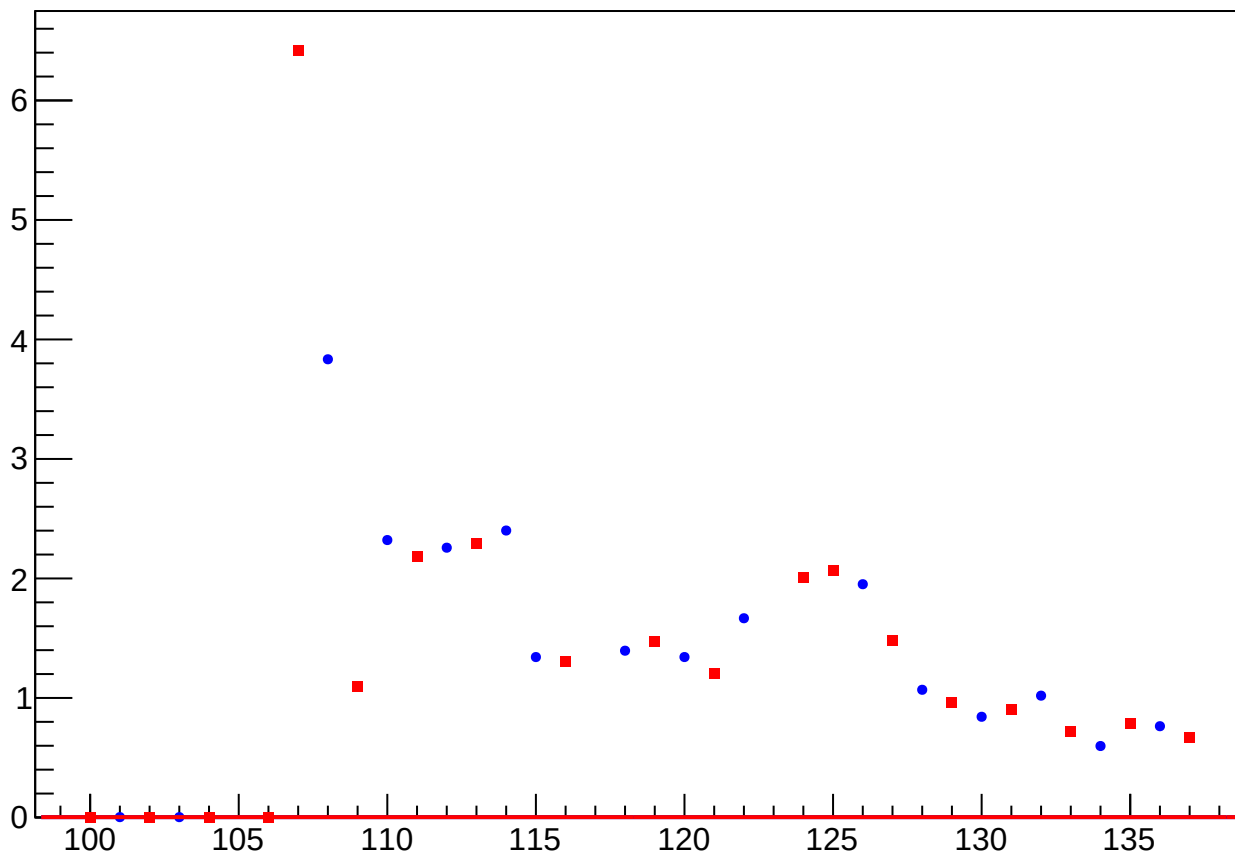
All: 0.003+/-0.000 χ^2/NDF : 19299624.2/34

yield_cav4bY_mean vs Slug, Sign Corrected



Right In: 140.143 $\pm$ 0.000 χ^2 /NDF: 187461723281.9/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 104.224 $\pm$ 0.000 χ^2 /NDF: 12574018825779.0/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 120.832 $\pm$ 0.000 χ^2 /NDF: 138089570604348

yield_cav4bY_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 10578723.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 10266772.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

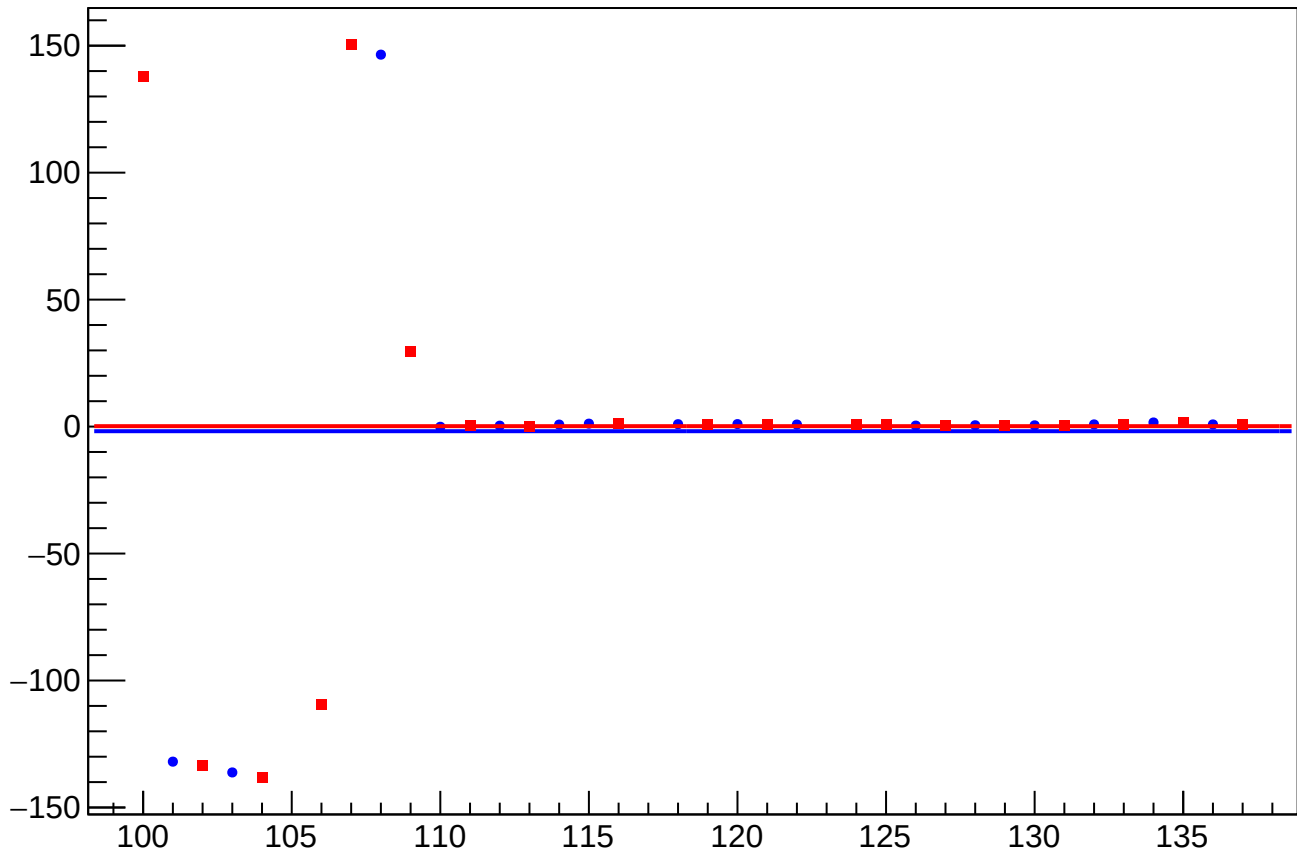
Right: 0.003+/-0.000 χ^2/NDF : 20845702.5/34

In: 0.003+/-0.000 χ^2/NDF :10578723.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 20845702.5/34

yield_cav4cX_mean vs Slug, Sign Corrected



Right In: -1.818+/-0.000 χ^2/NDF : 9887177310.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.165+/-0.000 χ^2/NDF : 3611245020.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

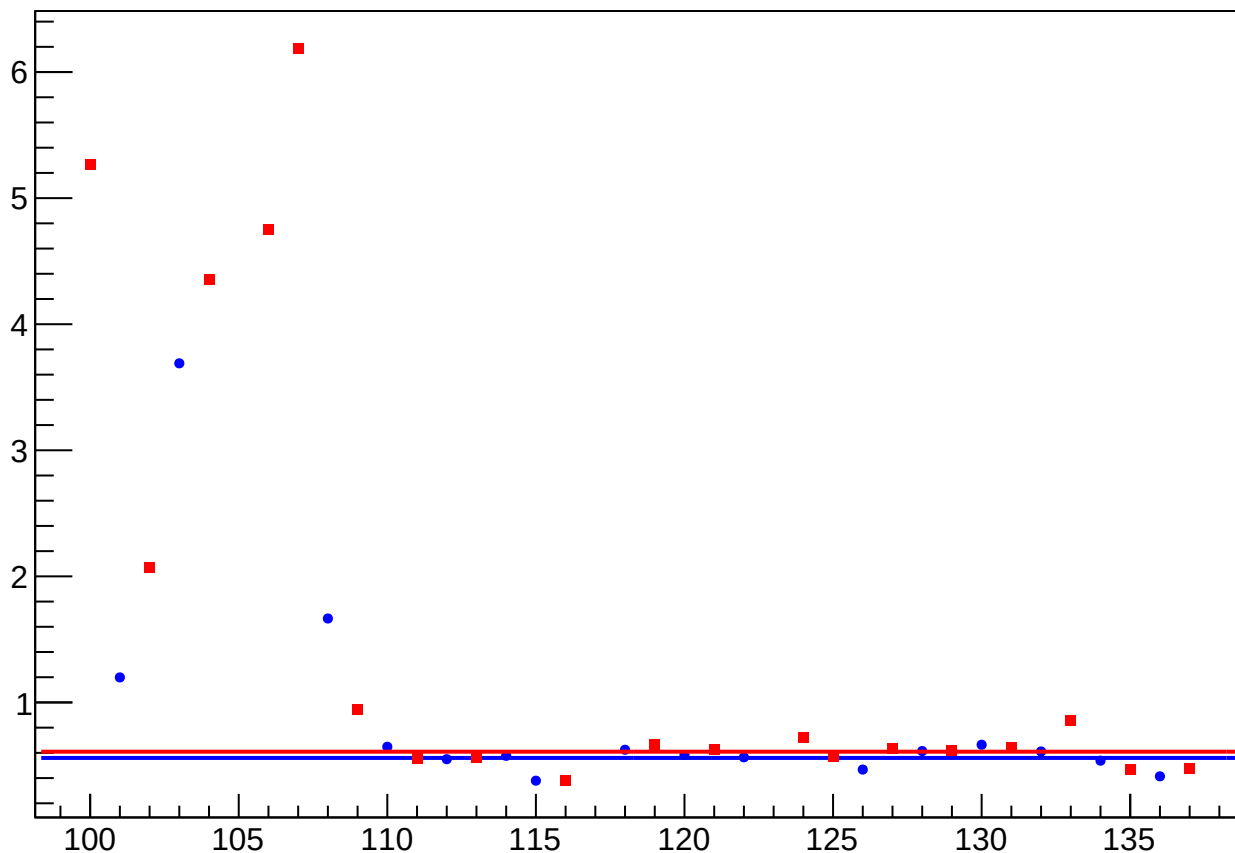
Right: -0.919+/-0.000 χ^2/NDF : 13527173630.8/34

In: -1.818+/-0.000 χ^2/NDF : 9887177310.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.919+/-0.000 χ^2/NDF : 13527173630.8/34

yield_cav4cX_rms vs Slug, Sign Corrected



Right In: 0.560+/-0.000 χ^2/NDF : 1598439.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.609+/-0.000 χ^2/NDF : 2476010.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

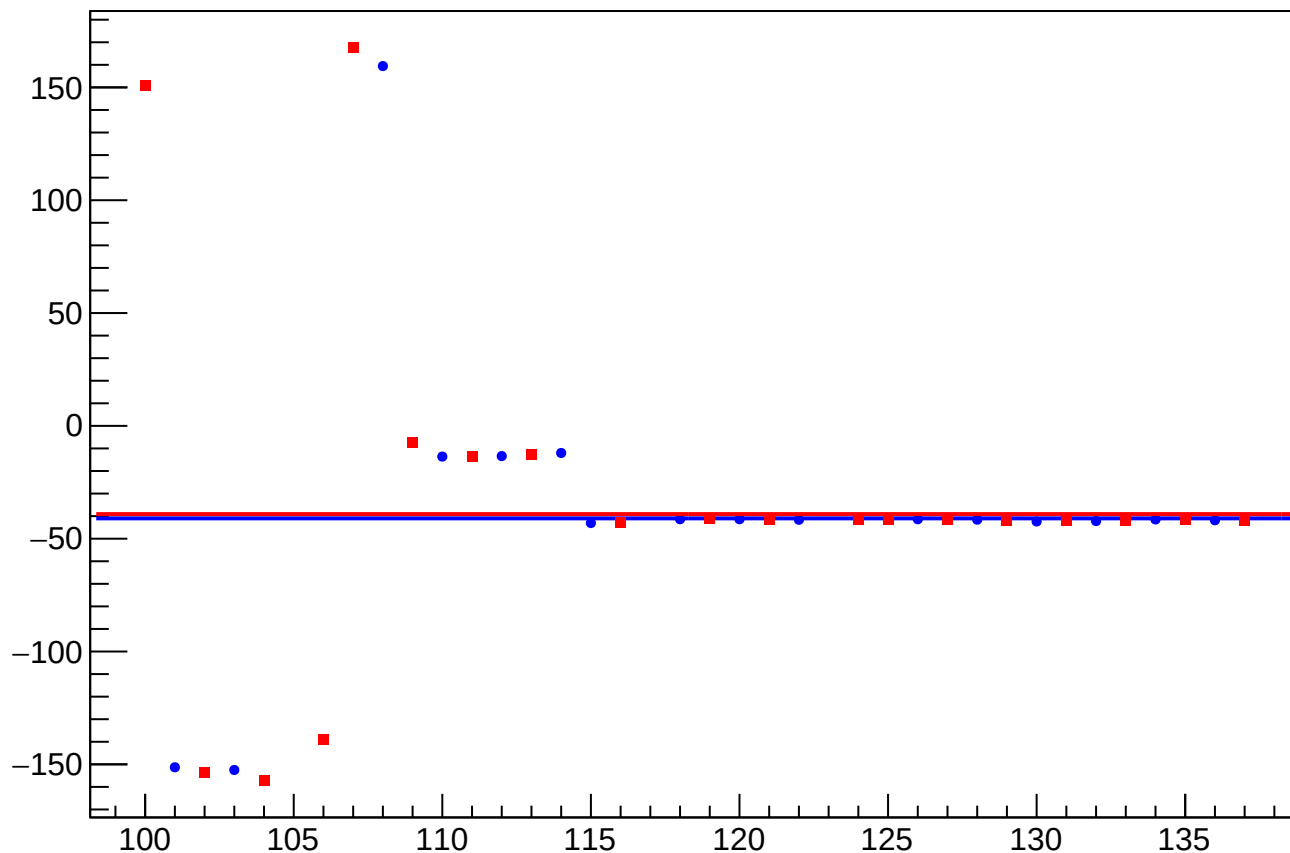
Right: 0.582+/-0.000 χ^2/NDF : 4110324.4/34

In: 0.560+/-0.000 χ^2/NDF : 1598439.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.582+/-0.000 χ^2/NDF : 4110324.4/34

yield_cav4cY_mean vs Slug, Sign Corrected



Right In: -40.987+/-0.000 χ^2/NDF : 3449622021.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -39.101+/-0.000 χ^2/NDF : 2480133442.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

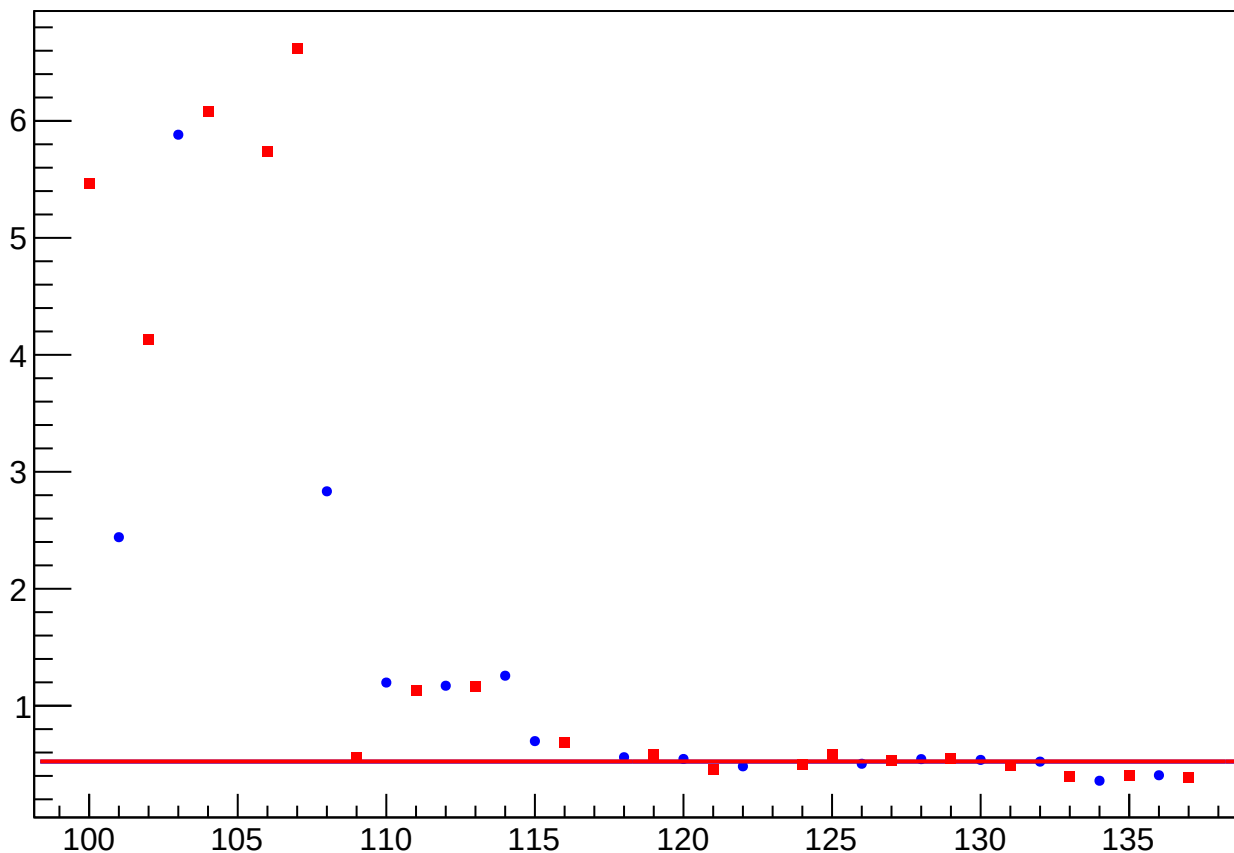
Right: -40.058+/-0.000 χ^2/NDF : 5962079351.2/34

In: -40.987+/-0.000 χ^2/NDF :3449622021.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -40.058+/-0.000 χ^2/NDF : 5962079351.2/34

yield_cav4cY_rms vs Slug, Sign Corrected



Right In: 0.522+/-0.000 χ^2/NDF : 2949327.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.524+/-0.000 χ^2/NDF : 3264460.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

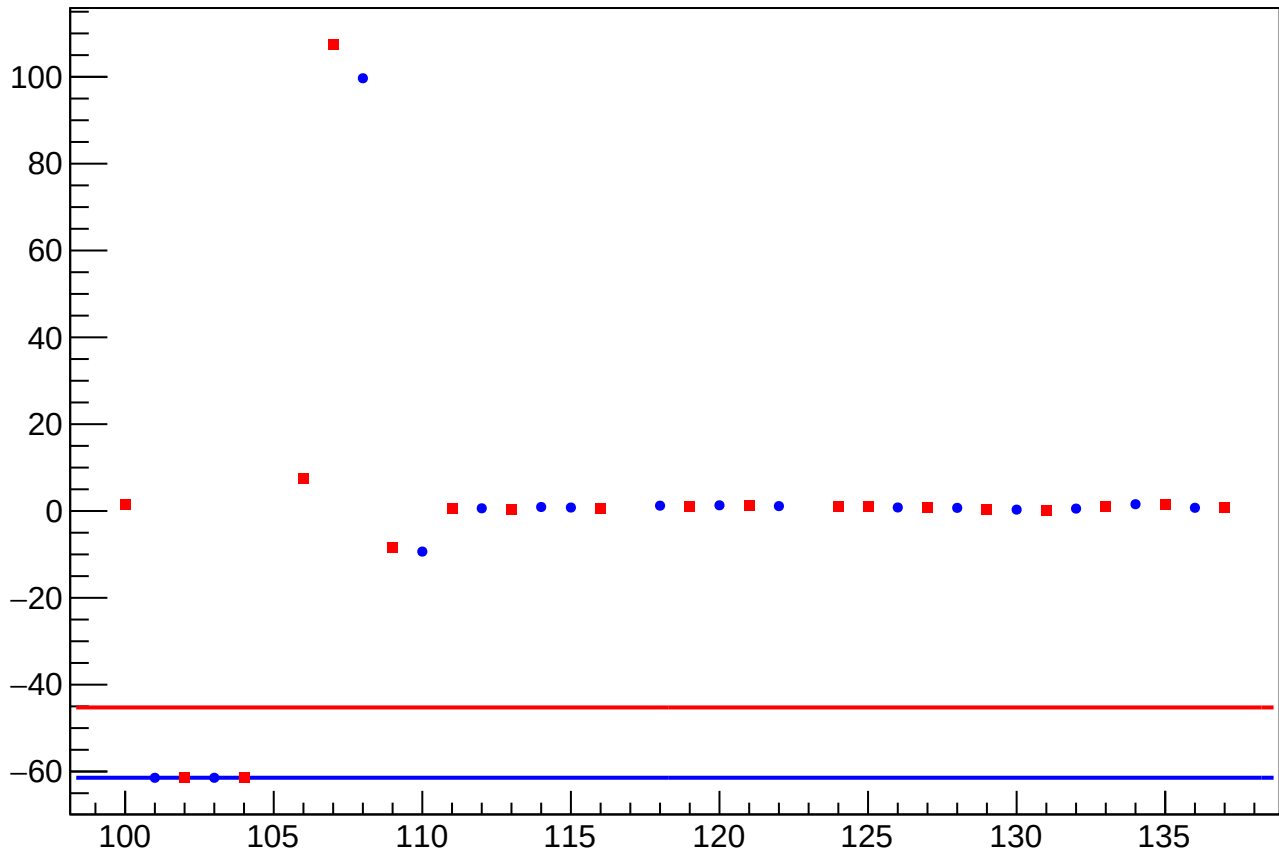
Right: 0.523+/-0.000 χ^2/NDF : 6213857.4/34

In: 0.522+/-0.000 χ^2/NDF :2949327.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

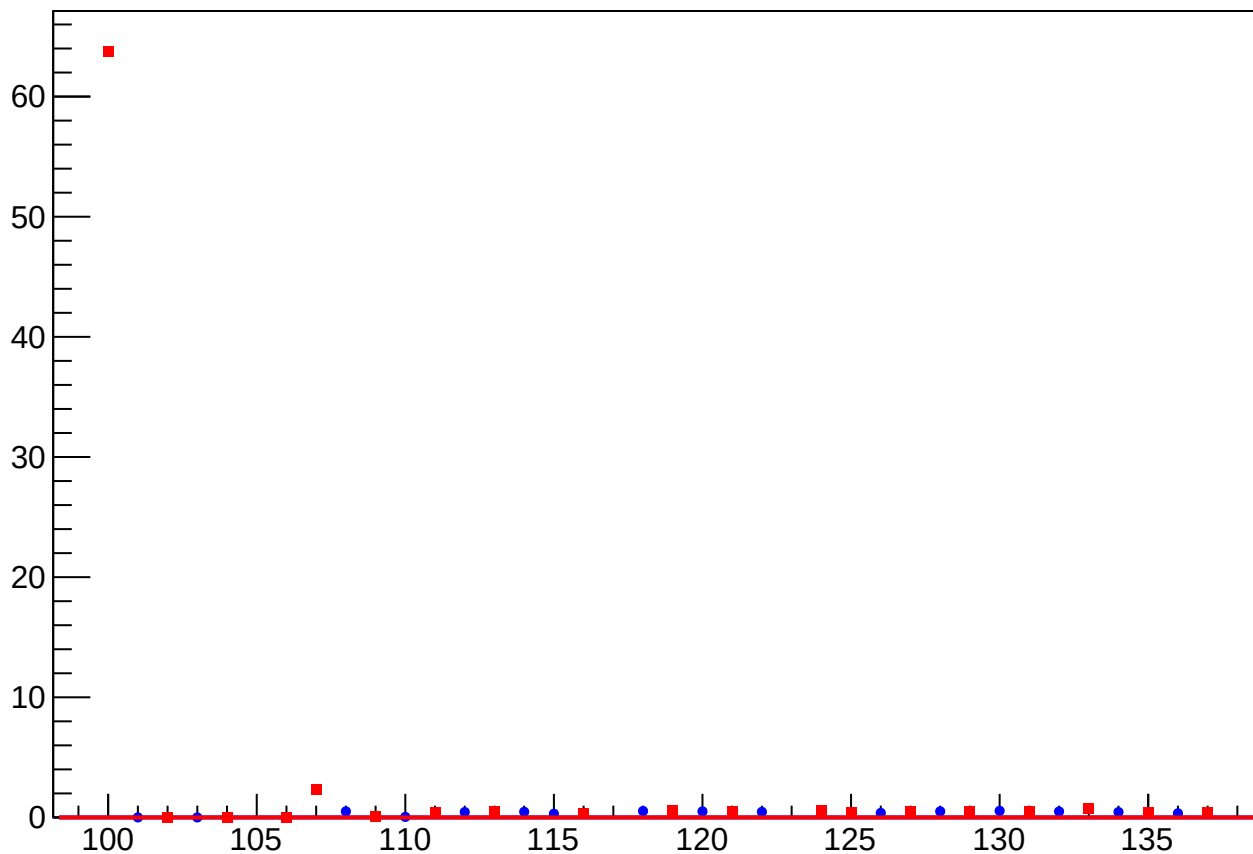
All: 0.523+/-0.000 χ^2/NDF : 6213857.4/34

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.436+/-0.000 χ^2/NDF : 273496278670.9/15
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -52.749+/-0.000 χ^2/NDF : 409121918007227
 In: -61.436+/-0.000 χ^2/NDF : 273496278670.9/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.749+/-0.000 χ^2/NDF : 409121918007

yield_cav4dX_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 9156181.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 9345109.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

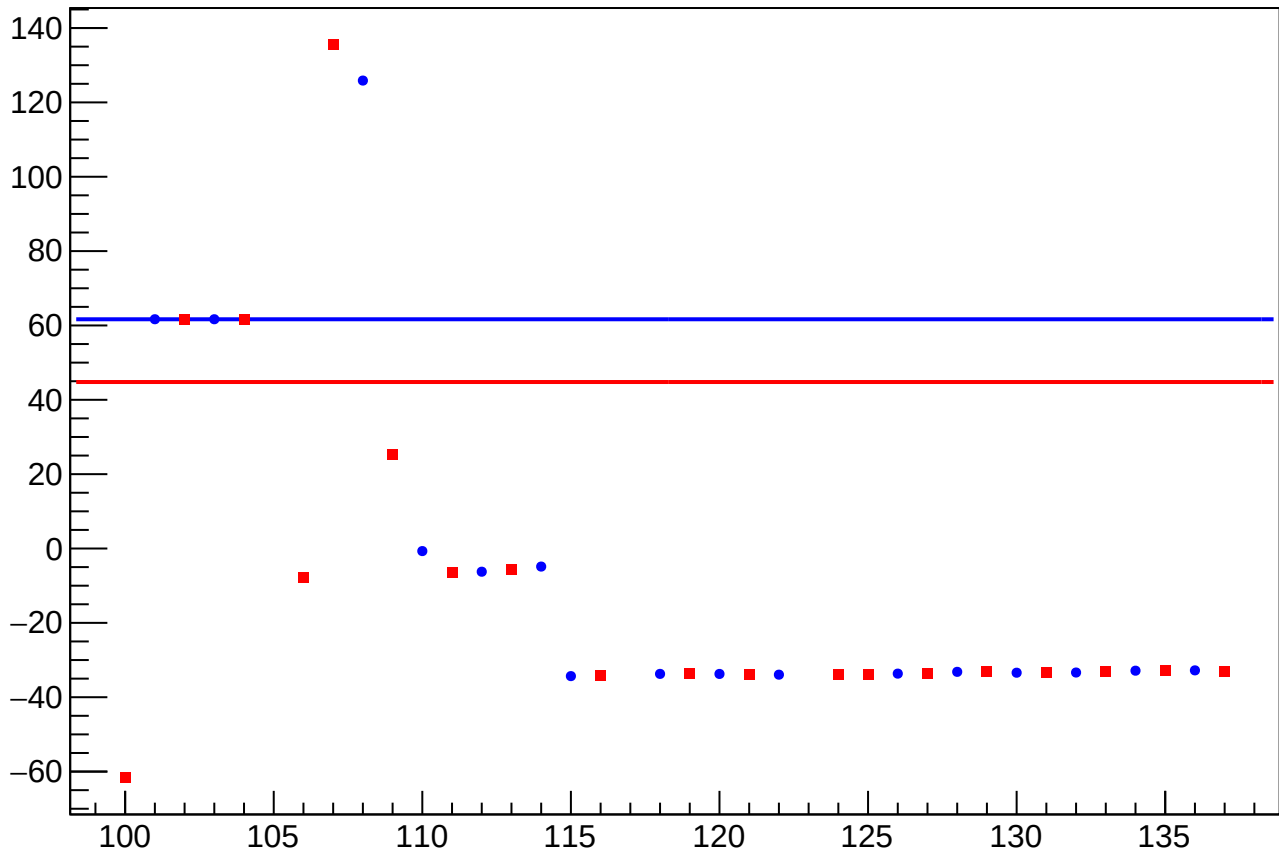
Right: 0.001+/-0.000 χ^2/NDF : 18501293.3/34

In: 0.001+/-0.000 χ^2/NDF : 9156181.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

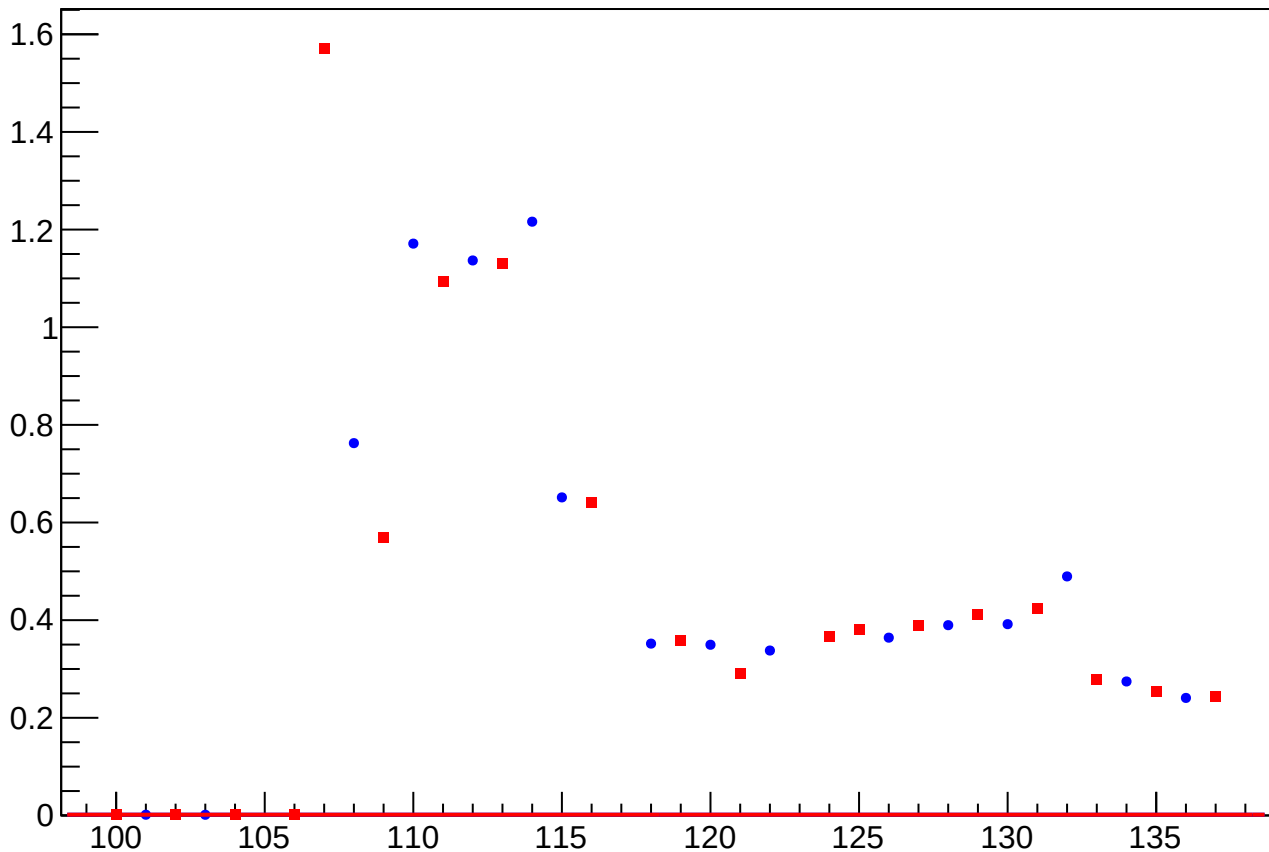
All: 0.001+/-0.000 χ^2/NDF : 18501293.3/34

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.662 $\pm$ 0.000 χ^2 /NDF: 369463062074.0/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 44.786 $\pm$ 0.000 χ^2 /NDF: 366094778229951.8/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 52.689 $\pm$ 0.000 χ^2 /NDF: 417568081486015.0

yield_cav4dY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 11024564.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 10559220.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

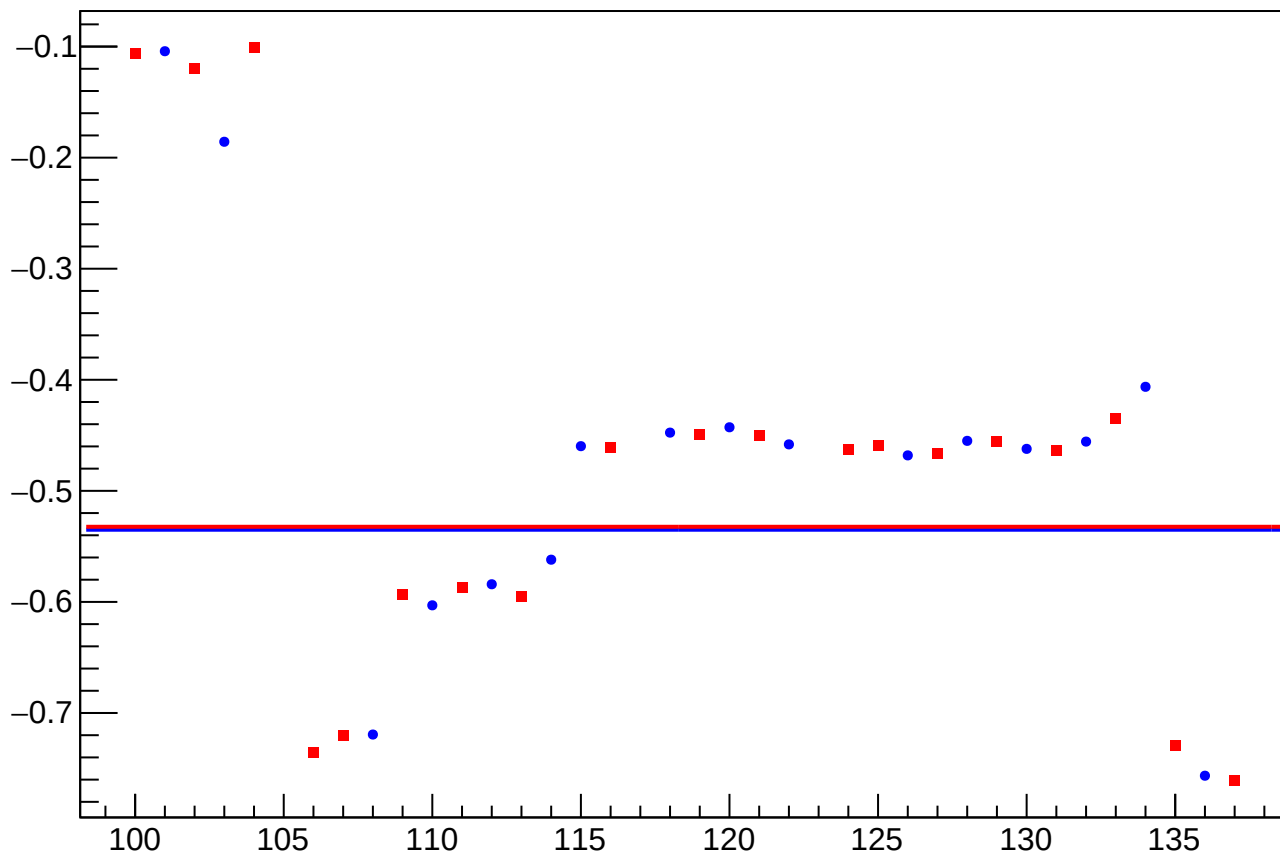
Right: 0.002+/-0.000 χ^2/NDF : 21583912.3/34

In: 0.002+/-0.000 χ^2/NDF :11024564.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 21583912.3/34

yield_bpm4aX_mean vs Slug, Sign Corrected



Right In: -0.535+/-0.000 χ^2/NDF : 300846309.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.532+/-0.000 χ^2/NDF : 214124648.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

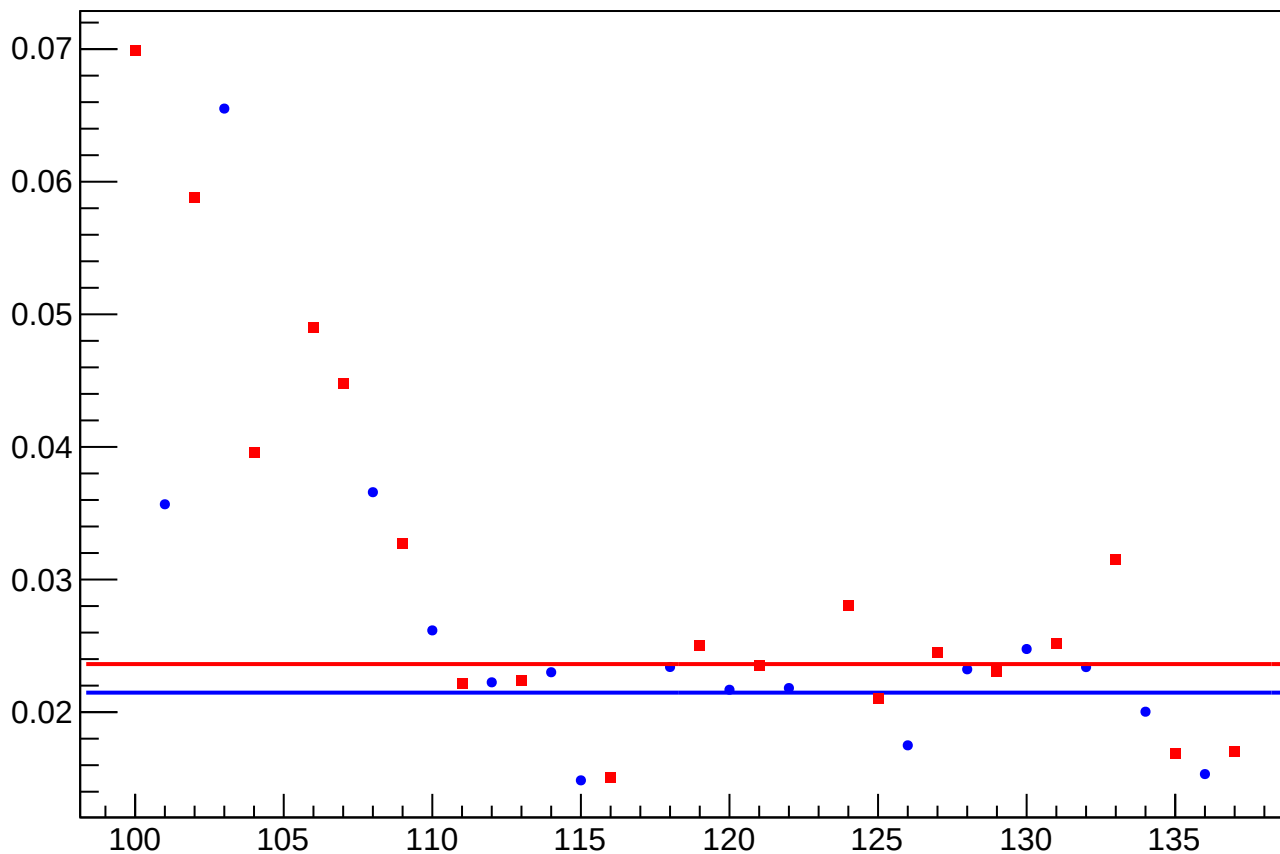
Right: -0.534+/-0.000 χ^2/NDF : 515008587.7/34

In: -0.535+/-0.000 χ^2/NDF :300846309.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.534+/-0.000 χ^2/NDF : 515008587.7/34

yield_bpm4aX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1153987.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 1277268.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

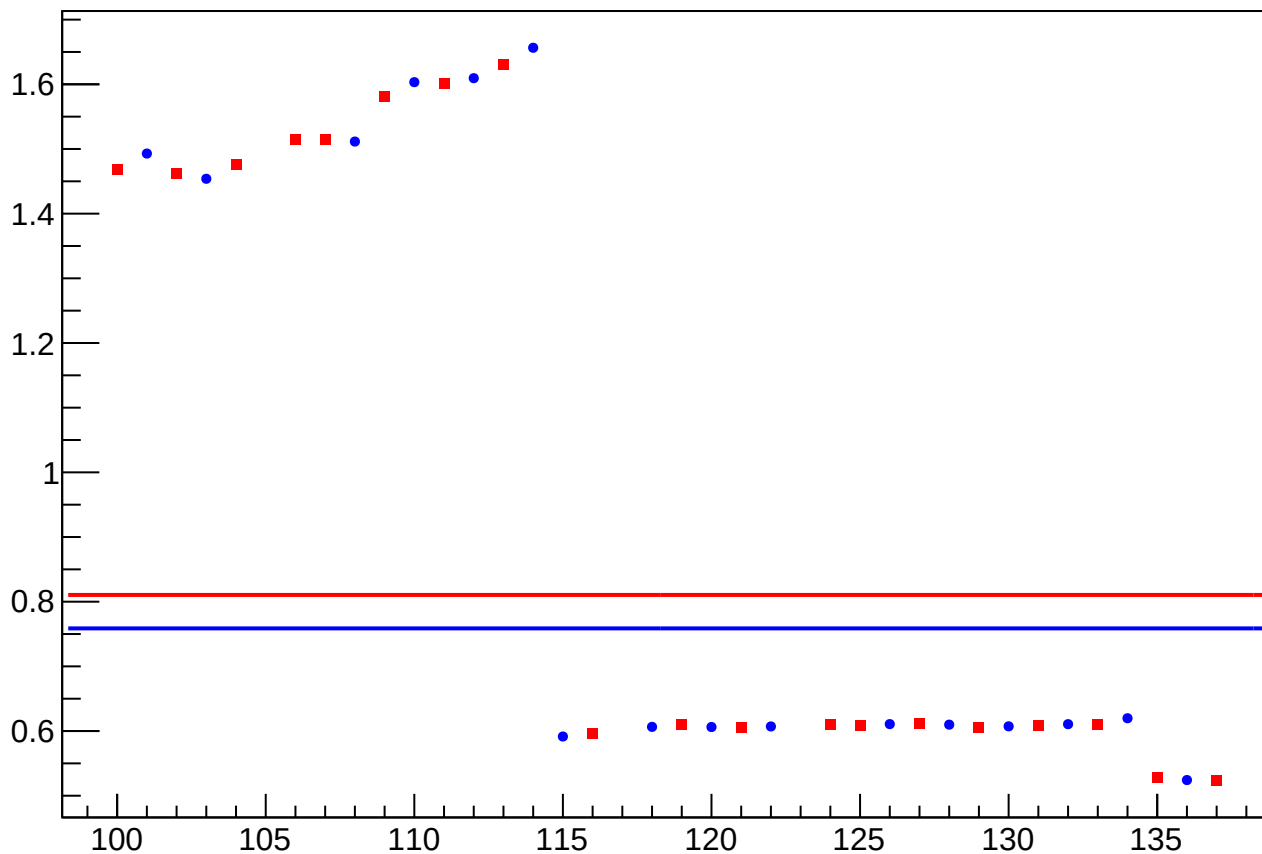
Right: 0.022+/-0.000 χ^2/NDF : 2481109.4/34

In: 0.021+/-0.000 χ^2/NDF : 1153987.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 2481109.4/34

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.759+/-0.000

χ^2/NDF : 4304169889.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.810+/-0.000

χ^2/NDF : 4769381416.8/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.784+/-0.000

χ^2/NDF : 9114268233.2/34

In: 0.759+/-0.000

χ^2/NDF : 4304169889.2/15

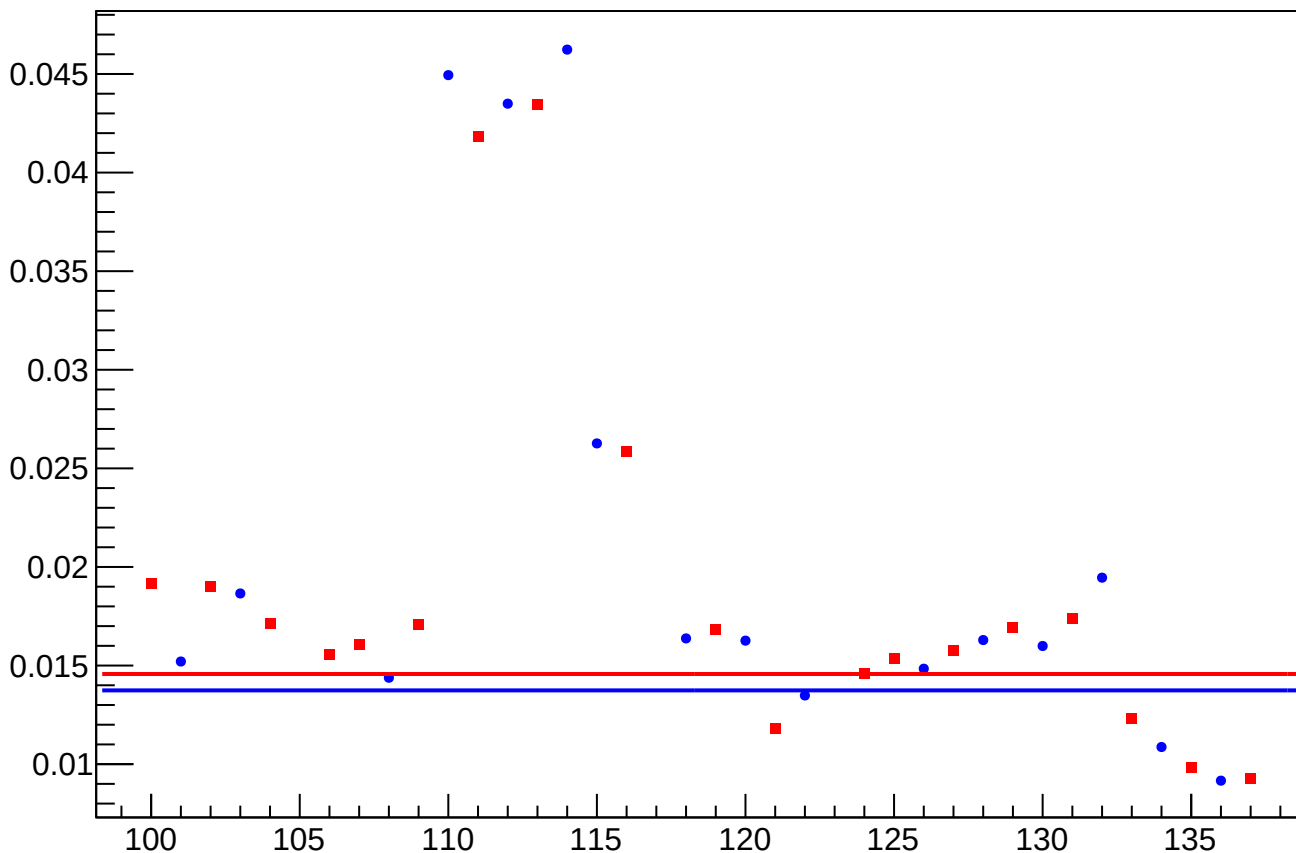
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.784+/-0.000

χ^2/NDF : 9114268233.2/34

yield_bpm4aY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1649769.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1455054.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

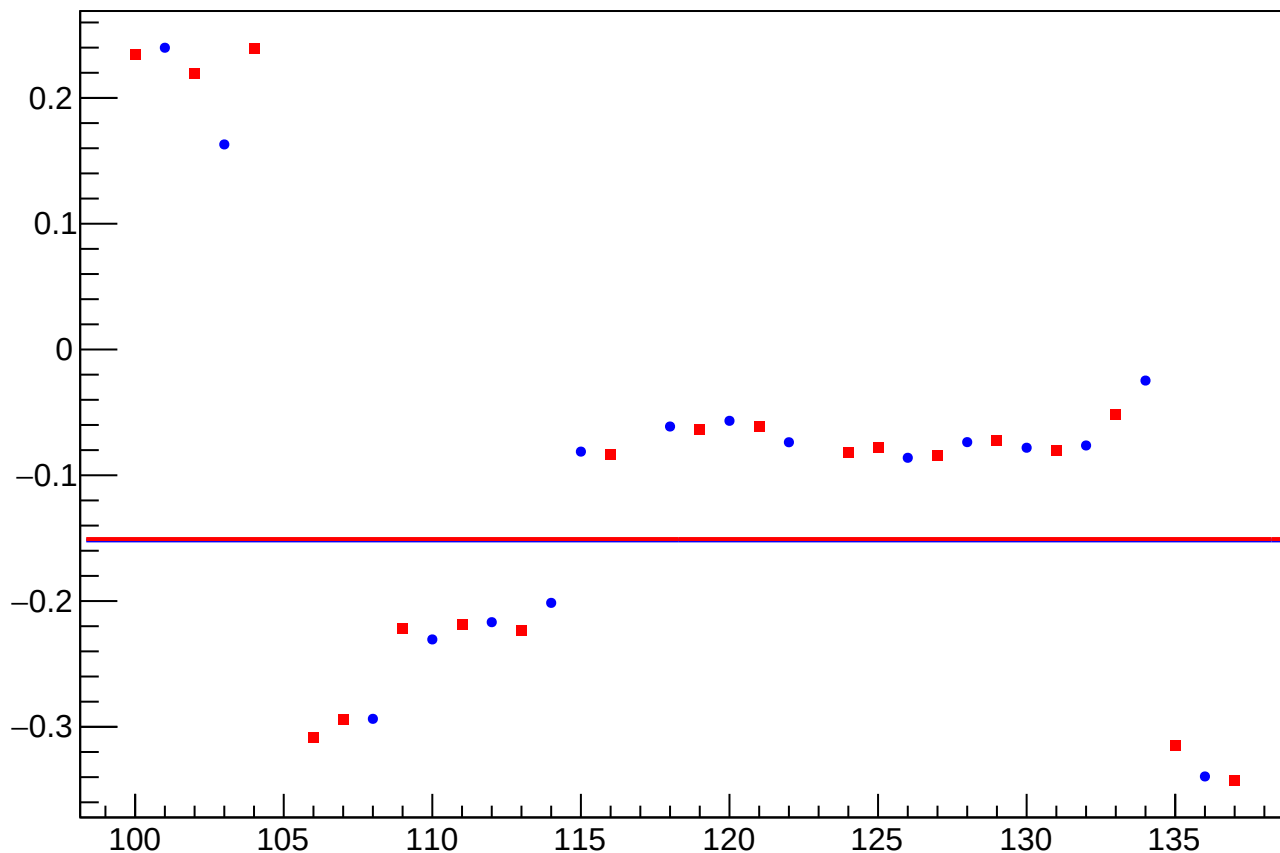
Right: 0.014+/-0.000 χ^2/NDF : 3125814.5/34

In: 0.014+/-0.000 χ^2/NDF :1649769.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 3125814.5/34

yield_bpm4eX_mean vs Slug, Sign Corrected



Right In: -0.152+/-0.000 χ^2/NDF : 276791709.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.151+/-0.000 χ^2/NDF : 199410234.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

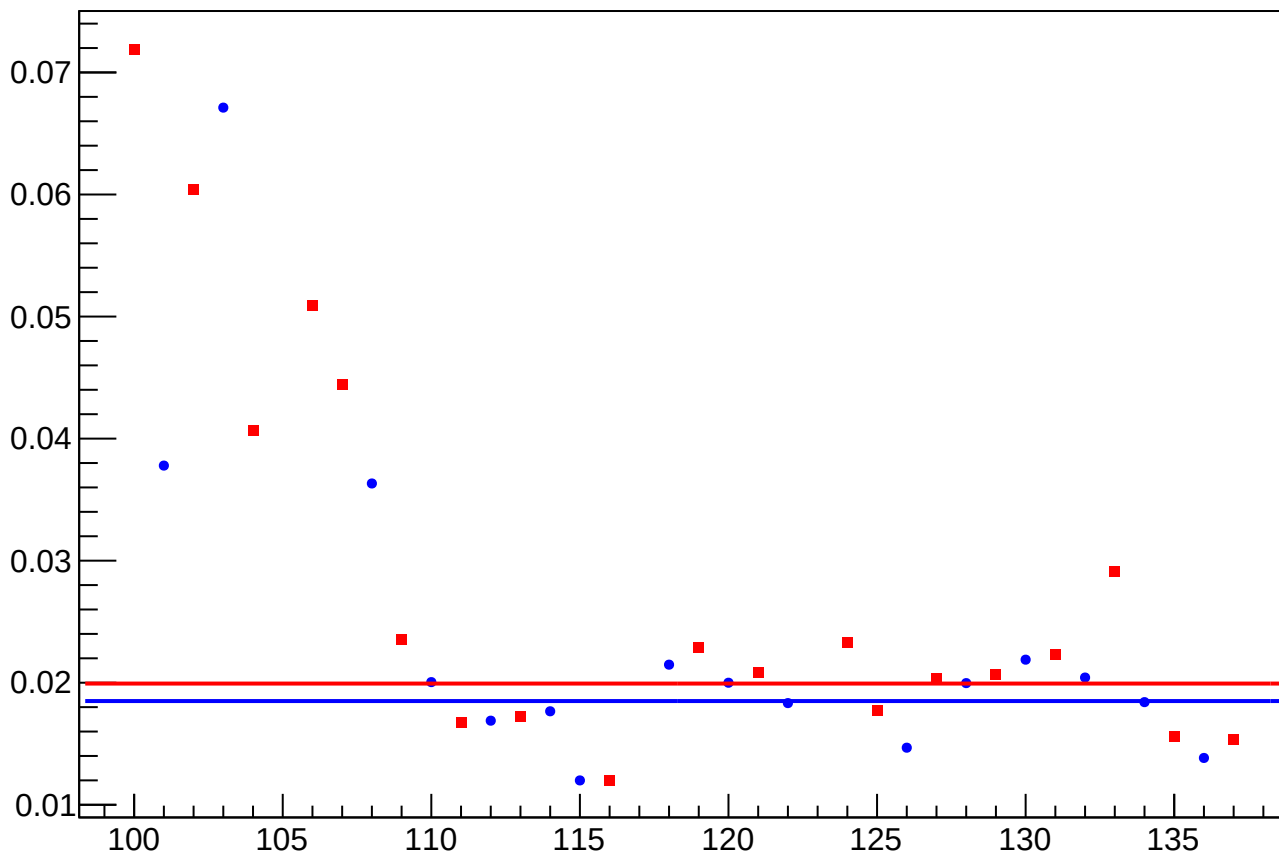
Right: -0.151+/-0.000 χ^2/NDF : 476210345.8/34

In: -0.152+/-0.000 χ^2/NDF : 276791709.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.151+/-0.000 χ^2/NDF : 476210345.8/34

yield_bpm4eX_rms vs Slug, Sign Corrected



Right In: 0.018+/-0.000 χ^2/NDF : 1372359.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1547561.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

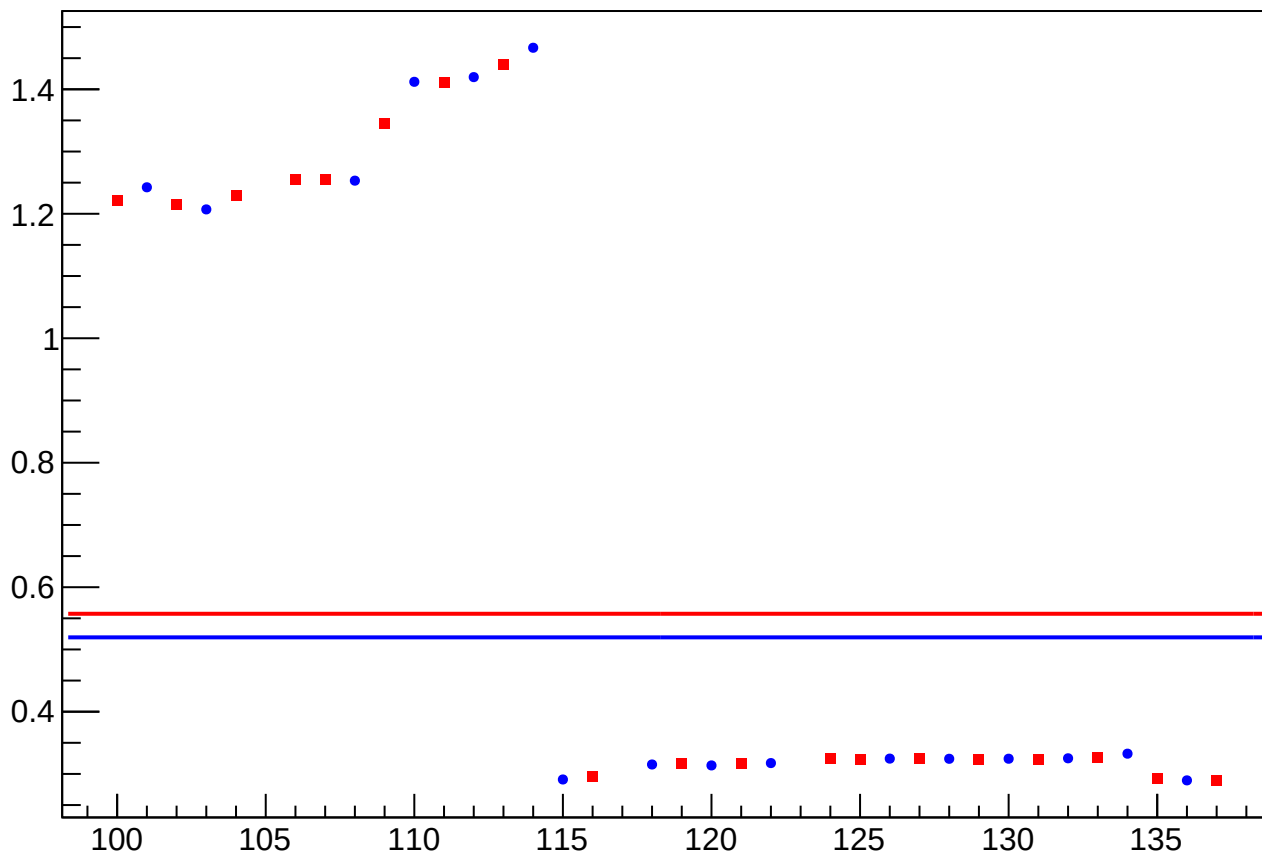
Right: 0.019+/-0.000 χ^2/NDF : 2949710.8/34

In: 0.018+/-0.000 χ^2/NDF : 1372359.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 2949710.8/34

yield_bpm4eY_mean vs Slug, Sign Corrected



Right In: 0.519+/-0.000 χ^2/NDF : 6319132275.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.557+/-0.000 χ^2/NDF : 6746144835.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

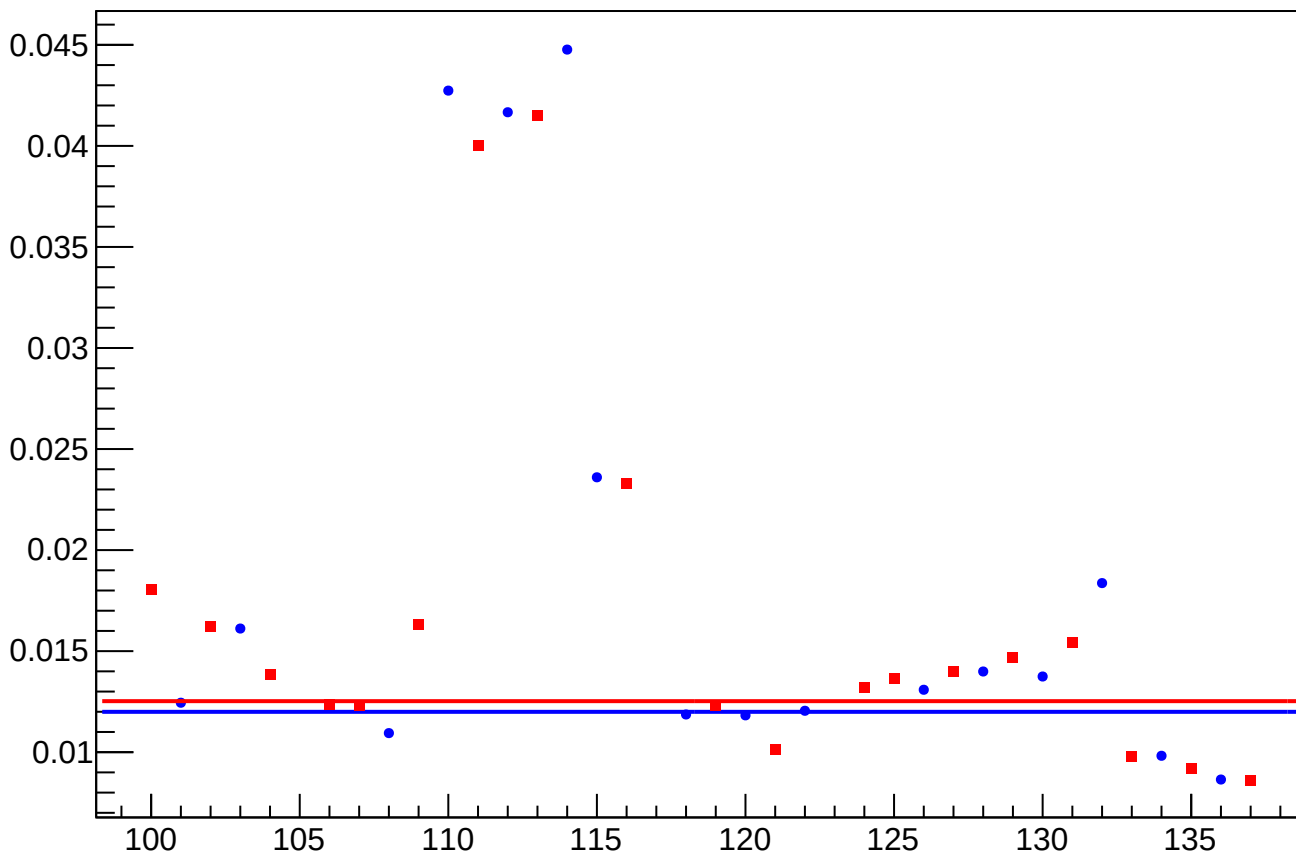
Right: 0.538+/-0.000 χ^2/NDF : 13094140546.7/34

In: 0.519+/-0.000 χ^2/NDF :6319132275.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.538+/-0.000 χ^2/NDF : 13094140546.7/34

yield_bpm4eY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000

χ^2/NDF : 1491608.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000

χ^2/NDF : 1434210.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 2937026.7/34

In: 0.012+/-0.000

χ^2/NDF : 1491608.2/15

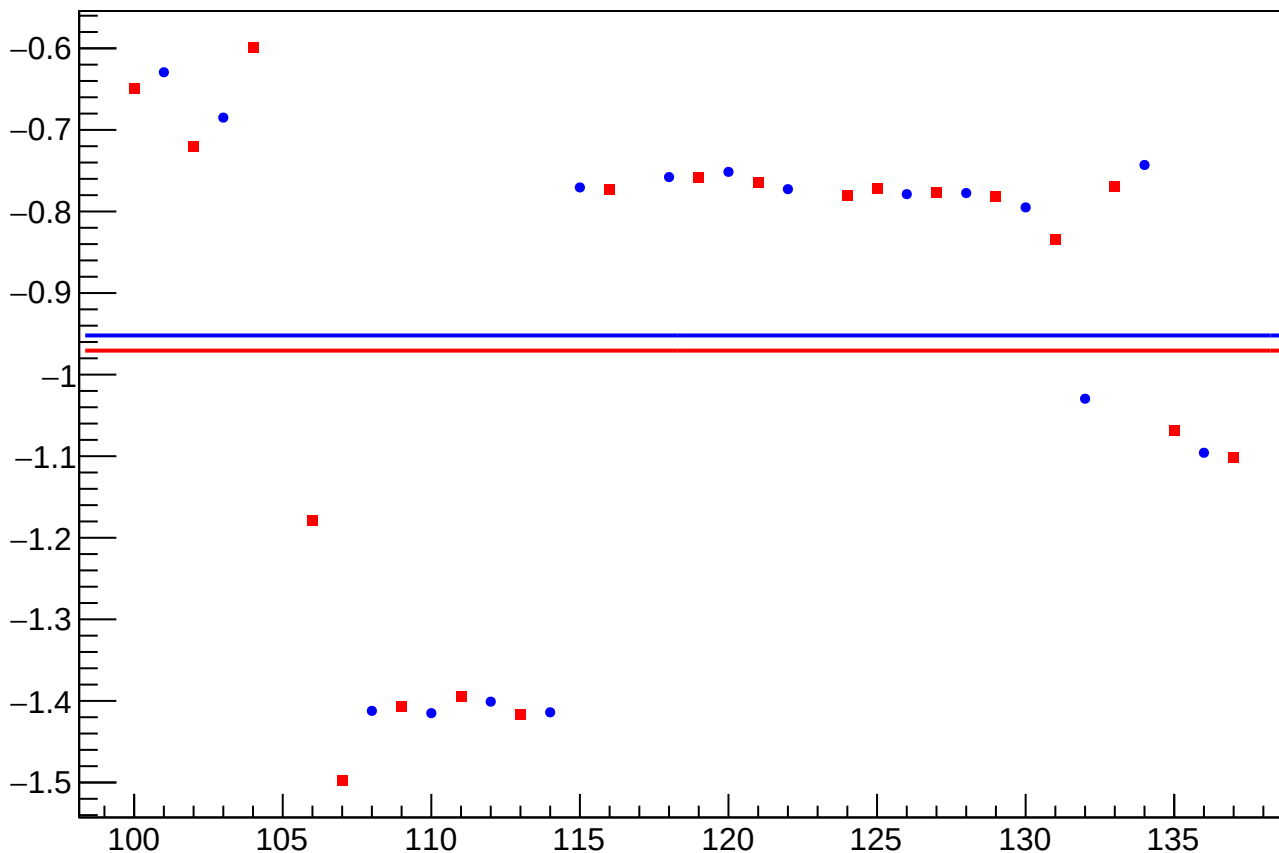
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 2937026.7/34

yield_bpm4acX_mean vs Slug, Sign Corrected



Right In: -0.952+/-0.000 χ^2/NDF : 699468857.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.971+/-0.000 χ^2/NDF : 714505458.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

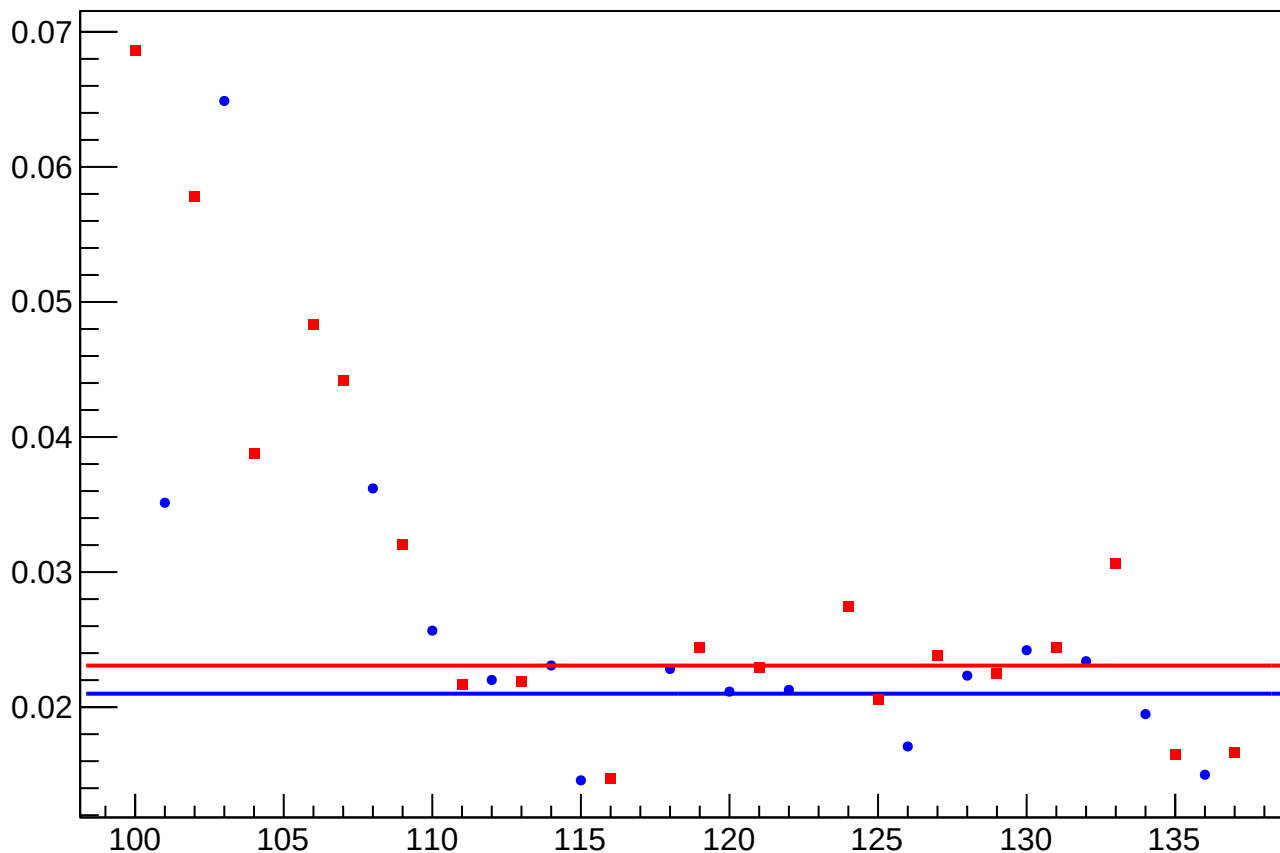
Right: -0.961+/-0.000 χ^2/NDF : 1415910427.1/34

In: -0.952+/-0.000 χ^2/NDF :699468857.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.961+/-0.000 χ^2/NDF : 1415910427.1/34

yield_bpm4acX_rms vs Slug, Sign Corrected



Right In: 0.021+/-0.000 χ^2/NDF : 1166992.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1281311.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

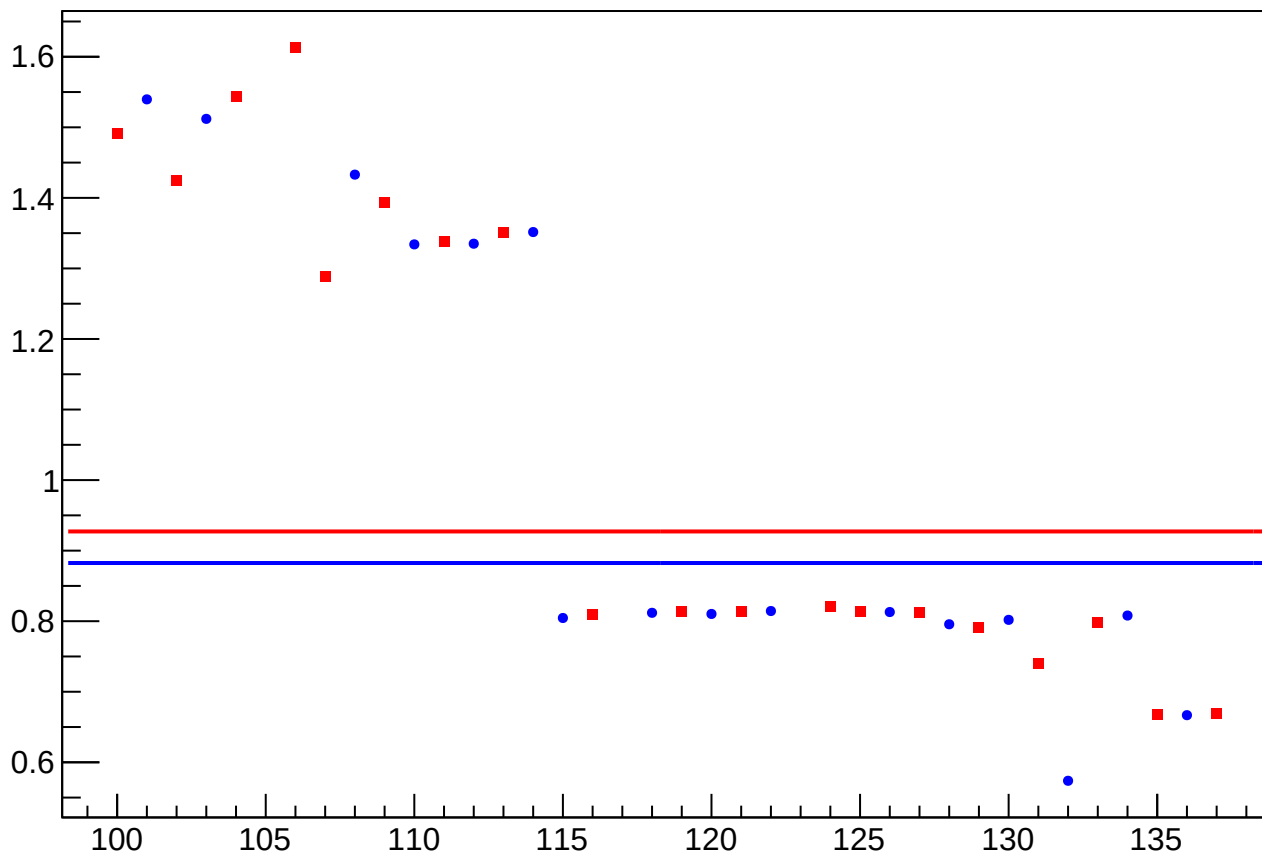
Right: 0.022+/-0.000 χ^2/NDF : 2496865.9/34

In: 0.021+/-0.000 χ^2/NDF : 1166992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.022+/-0.000 χ^2/NDF : 2496865.9/34

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.882+/-0.000

χ^2/NDF : 2784156746.4/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.927+/-0.000

χ^2/NDF : 2762998321.3/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.904+/-0.000

χ^2/NDF : 5576917007.9/34

In: 0.882+/-0.000

χ^2/NDF : 2784156746.4/15

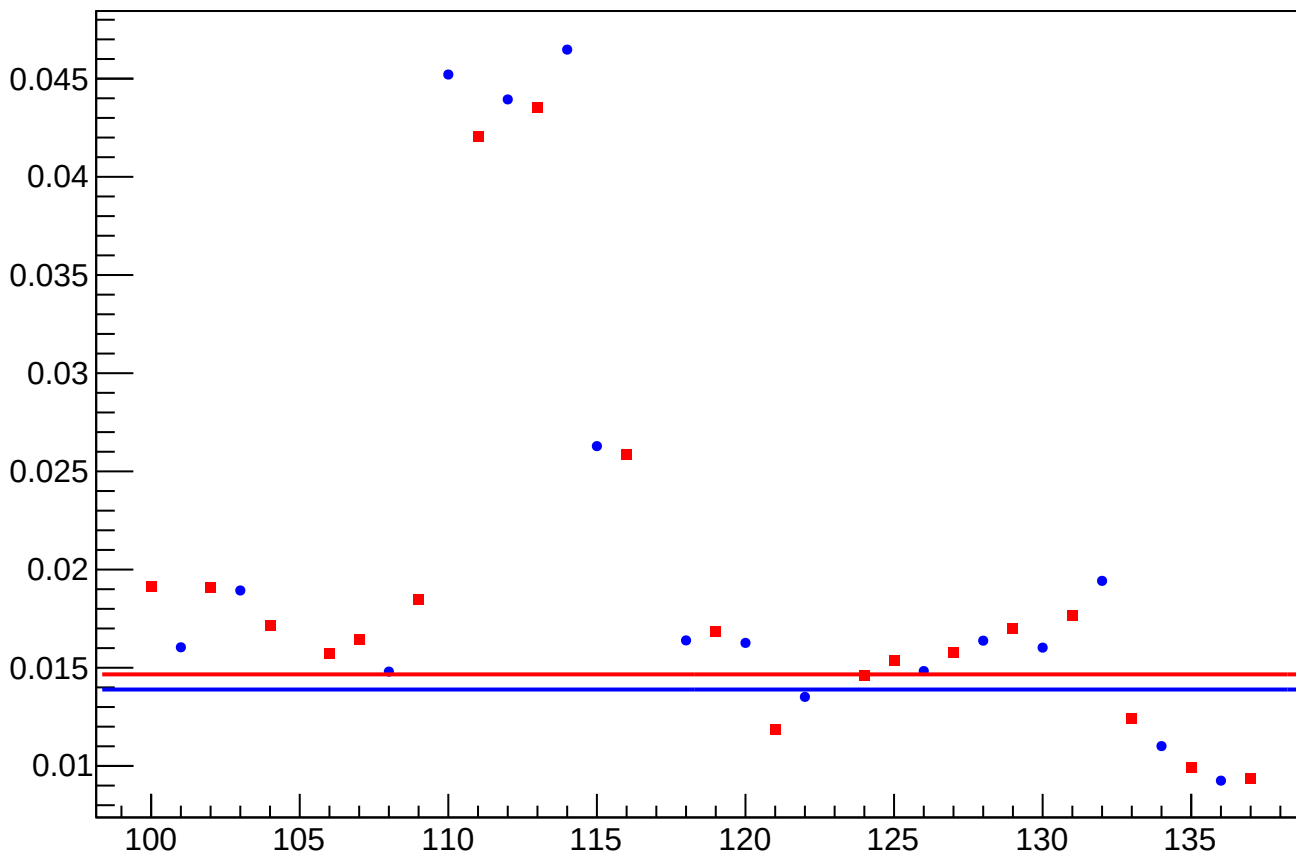
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.904+/-0.000

χ^2/NDF : 5576917007.9/34

yield_bpm4acY_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 1646691.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1467025.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

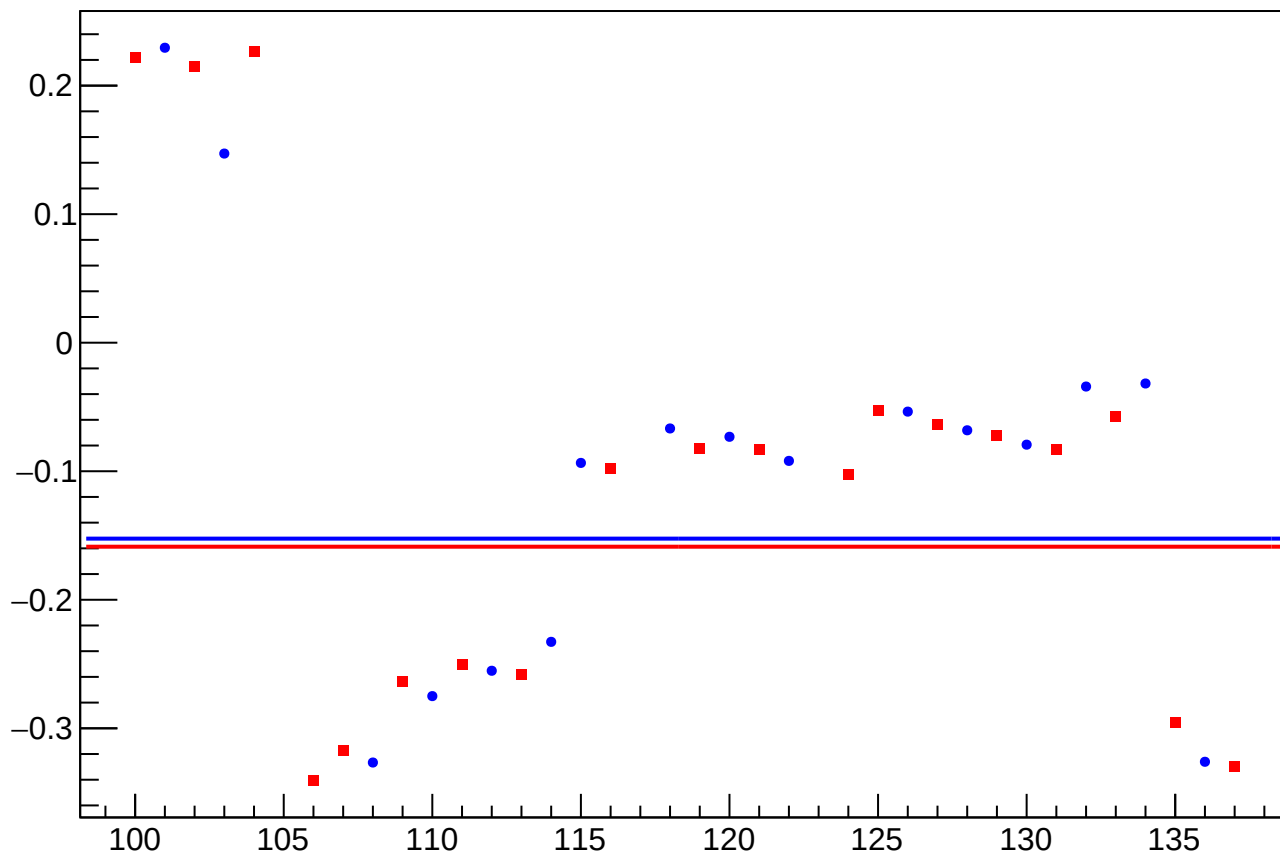
Right: 0.014+/-0.000 χ^2/NDF : 3131409.7/34

In: 0.014+/-0.000 χ^2/NDF :1646691.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 3131409.7/34

yield_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -0.152+/-0.000 χ^2/NDF : 274261842.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.159+/-0.000 χ^2/NDF : 195614120.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

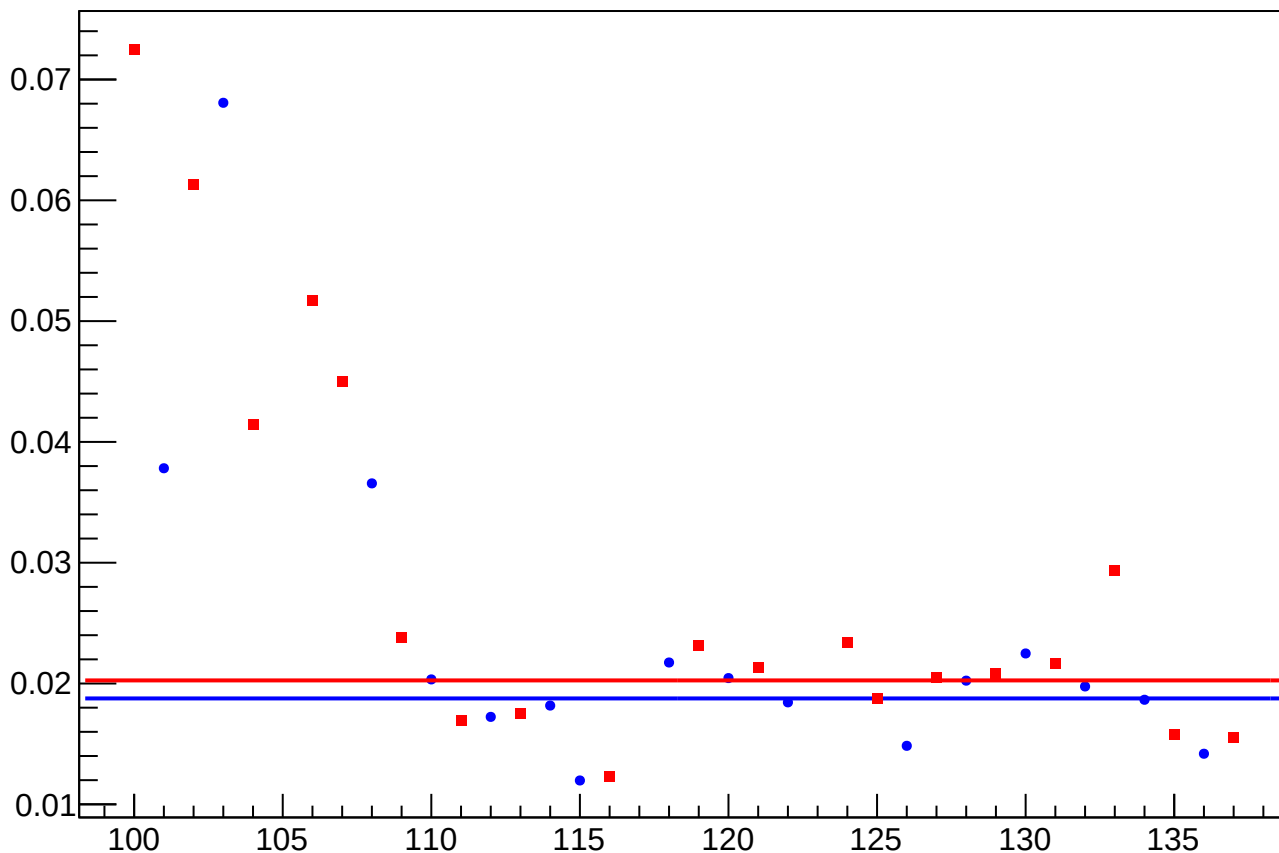
Right: -0.155+/-0.000 χ^2/NDF : 470153865.7/34

In: -0.152+/-0.000 χ^2/NDF :274261842.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.155+/-0.000 χ^2/NDF : 470153865.7/34

yield_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 0.019+/-0.000 χ^2/NDF : 1349412.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.020+/-0.000 χ^2/NDF : 1529624.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

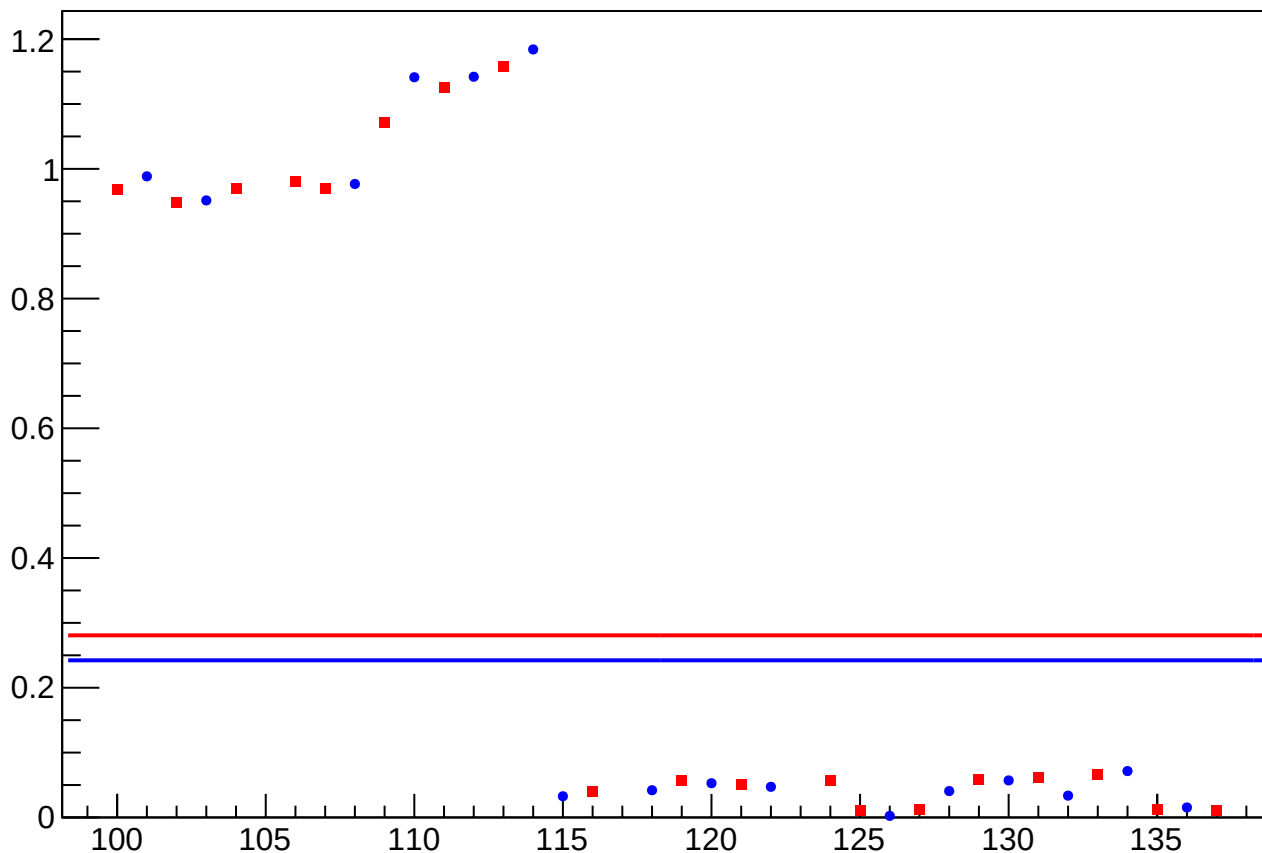
Right: 0.019+/-0.000 χ^2/NDF : 2910384.5/34

In: 0.019+/-0.000 χ^2/NDF : 1349412.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.000 χ^2/NDF : 2910384.5/34

yield_bpm4ecY_mean vs Slug, Sign Corrected



Right In: 0.242+/-0.000 χ^2/NDF : 6507444426.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.281+/-0.000 χ^2/NDF : 6757631639.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

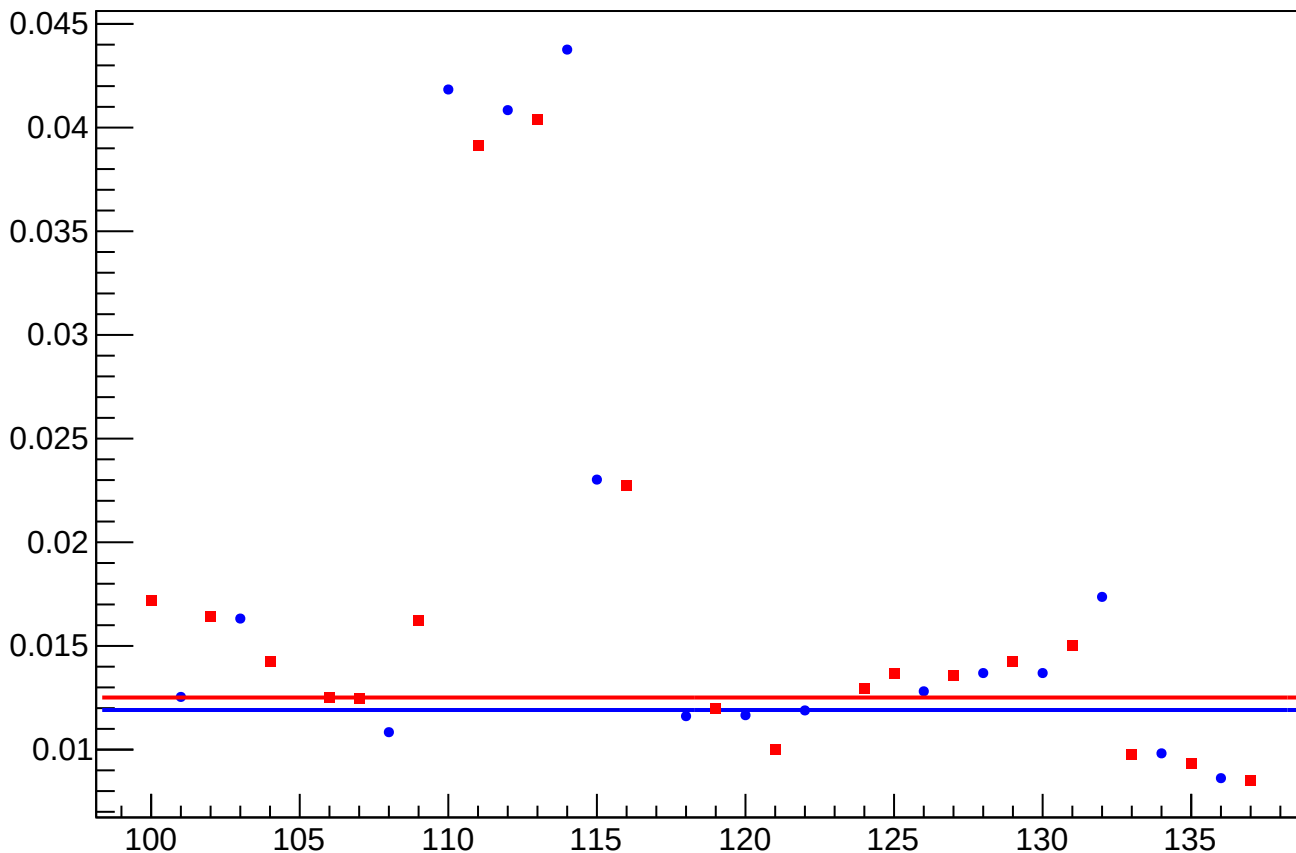
Right: 0.261+/-0.000 χ^2/NDF : 13295182324.5/34

In: 0.242+/-0.000 χ^2/NDF :6507444426.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.261+/-0.000 χ^2/NDF : 13295182324.5/34

yield_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1459428.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1392455.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

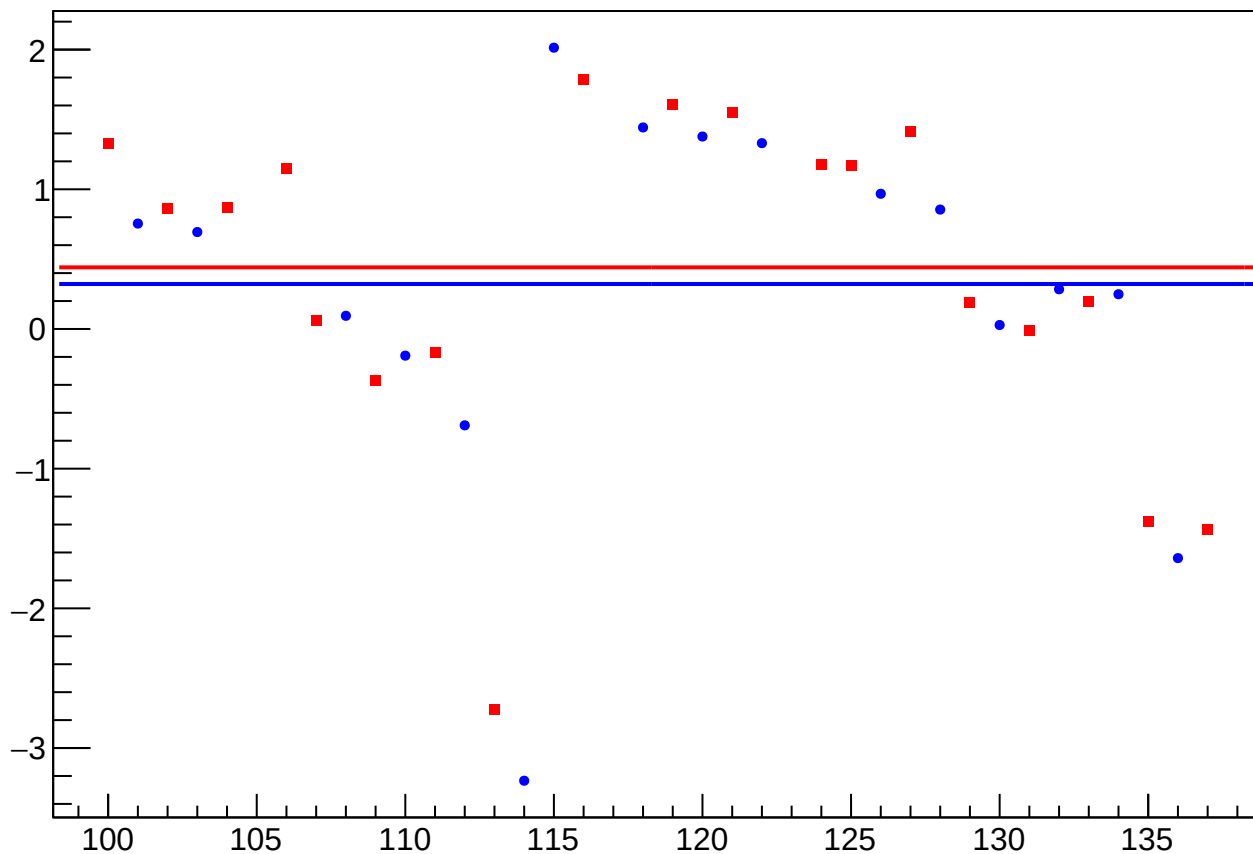
Right: 0.012+/-0.000 χ^2/NDF : 2866610.3/34

In: 0.012+/-0.000 χ^2/NDF : 1459428.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 2866610.3/34

yield_bpm1X_mean vs Slug, Sign Corrected



Right In: 0.322+/-0.000 χ^2/NDF : 1664983742.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.441+/-0.000 χ^2/NDF : 1796703168.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

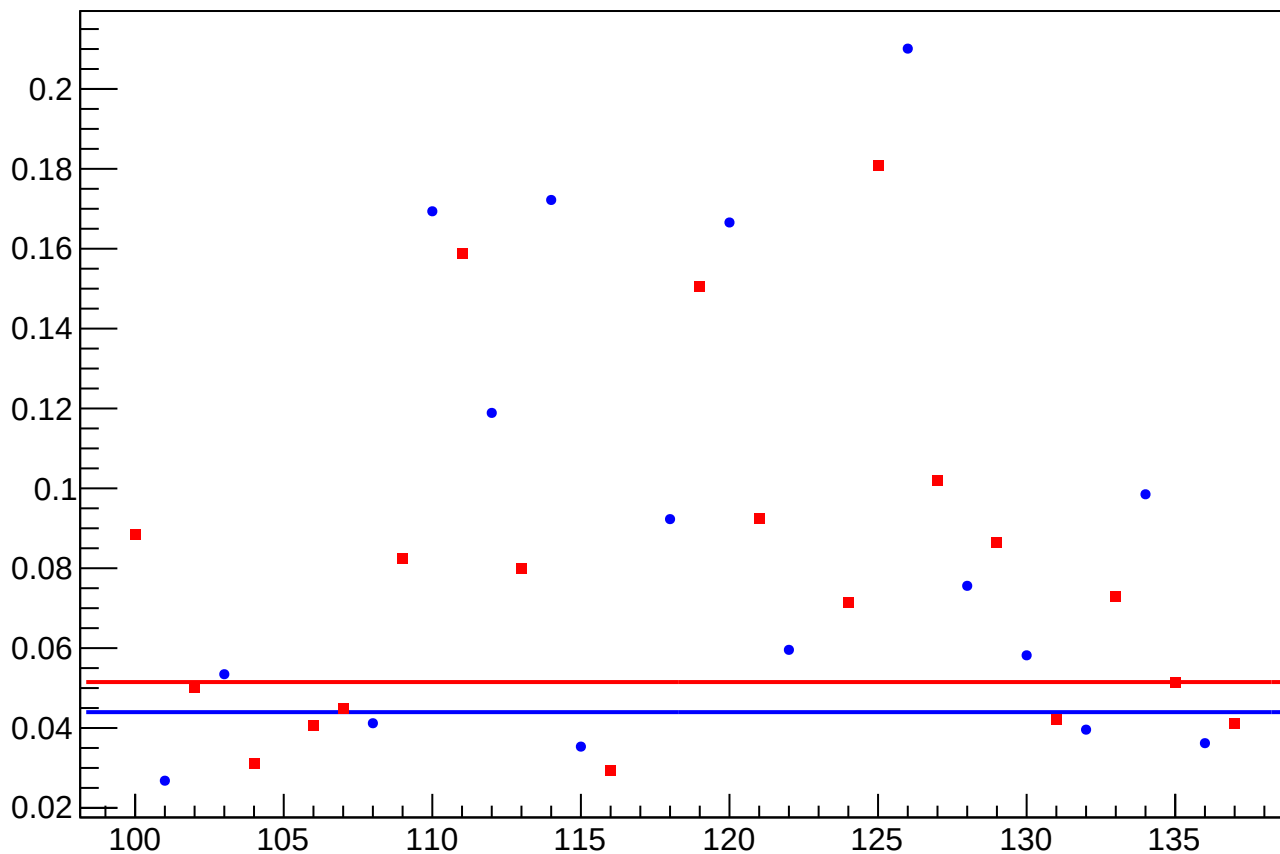
Right: 0.376+/-0.000 χ^2/NDF : 3474475474.1/34

In: 0.322+/-0.000 χ^2/NDF : 1664983742.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.376+/-0.000 χ^2/NDF : 3474475474.1/34

yield_bpm1X_rms vs Slug, Sign Corrected



Right In: 0.044+/-0.000 χ^2/NDF : 2787474.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2367478.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

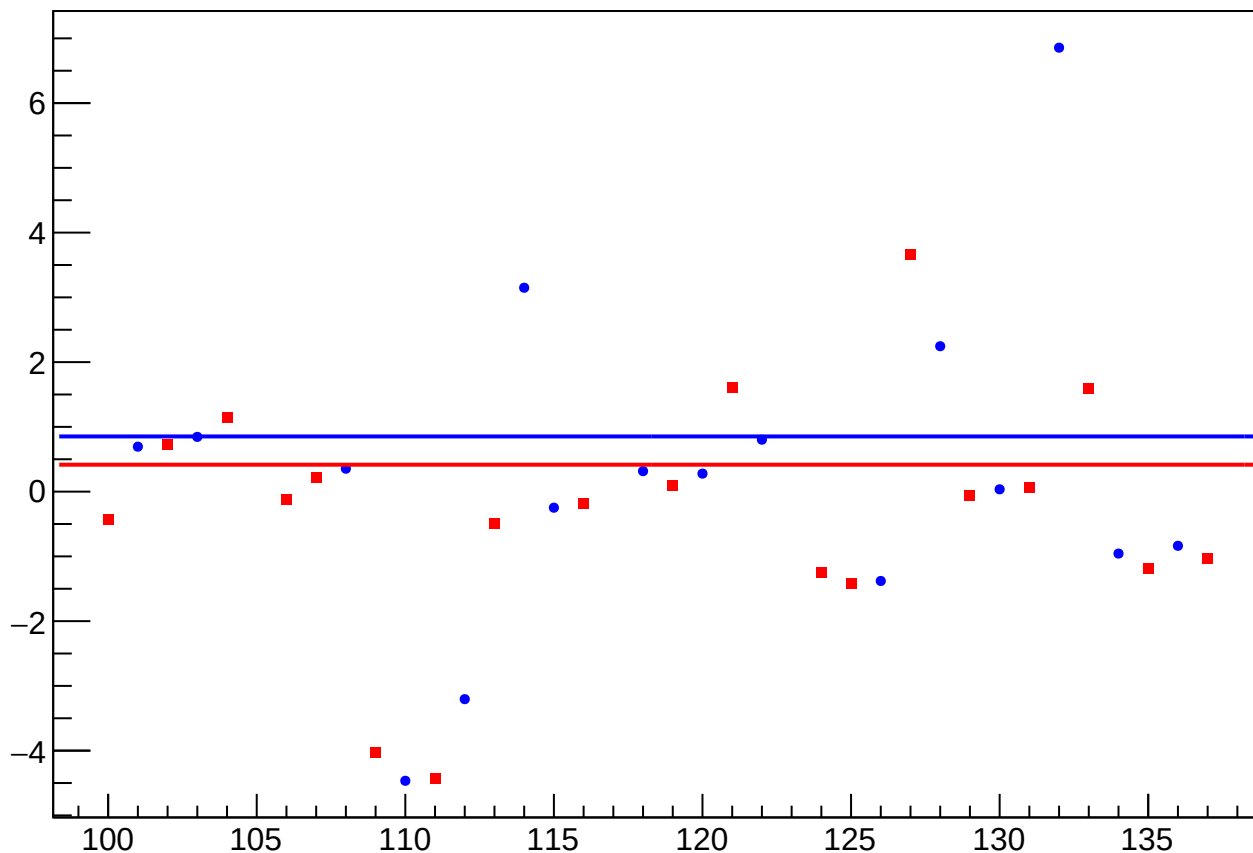
Right: 0.047+/-0.000 χ^2/NDF : 5257025.7/34

In: 0.044+/-0.000 χ^2/NDF : 2787474.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.047+/-0.000 χ^2/NDF : 5257025.7/34

yield_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.852+/-0.000 χ^2/NDF : 11576037687.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.416+/-0.000 χ^2/NDF : 5121892038.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

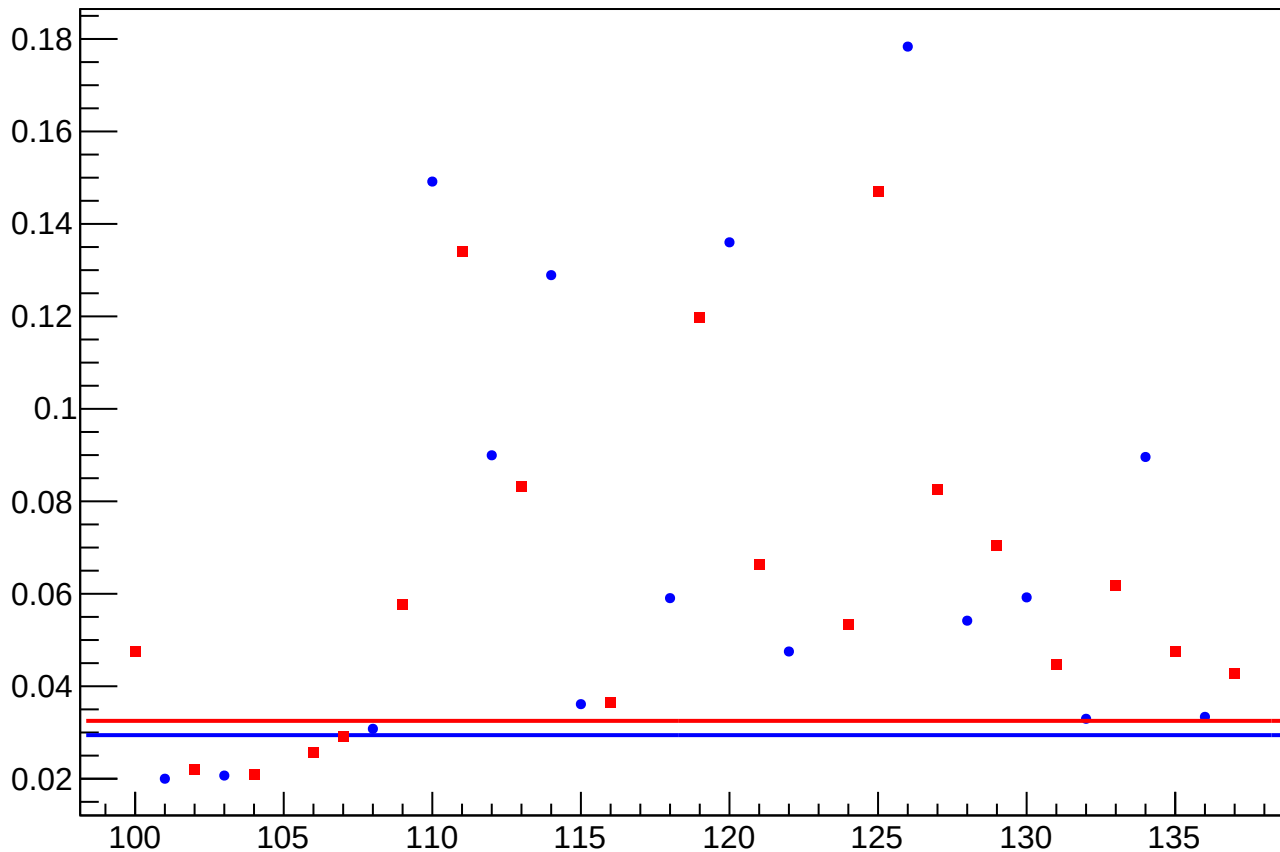
Right: 0.644+/-0.000 χ^2/NDF : 17086077865.4/34

In: 0.852+/-0.000 χ^2/NDF :11576037687.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.644+/-0.000 χ^2/NDF : 17086077865.4/34

yield_bpm1Y_rms vs Slug, Sign Corrected



Right In: 0.029+/-0.000 χ^2/NDF : 3192424.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.033+/-0.000 χ^2/NDF : 3315430.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

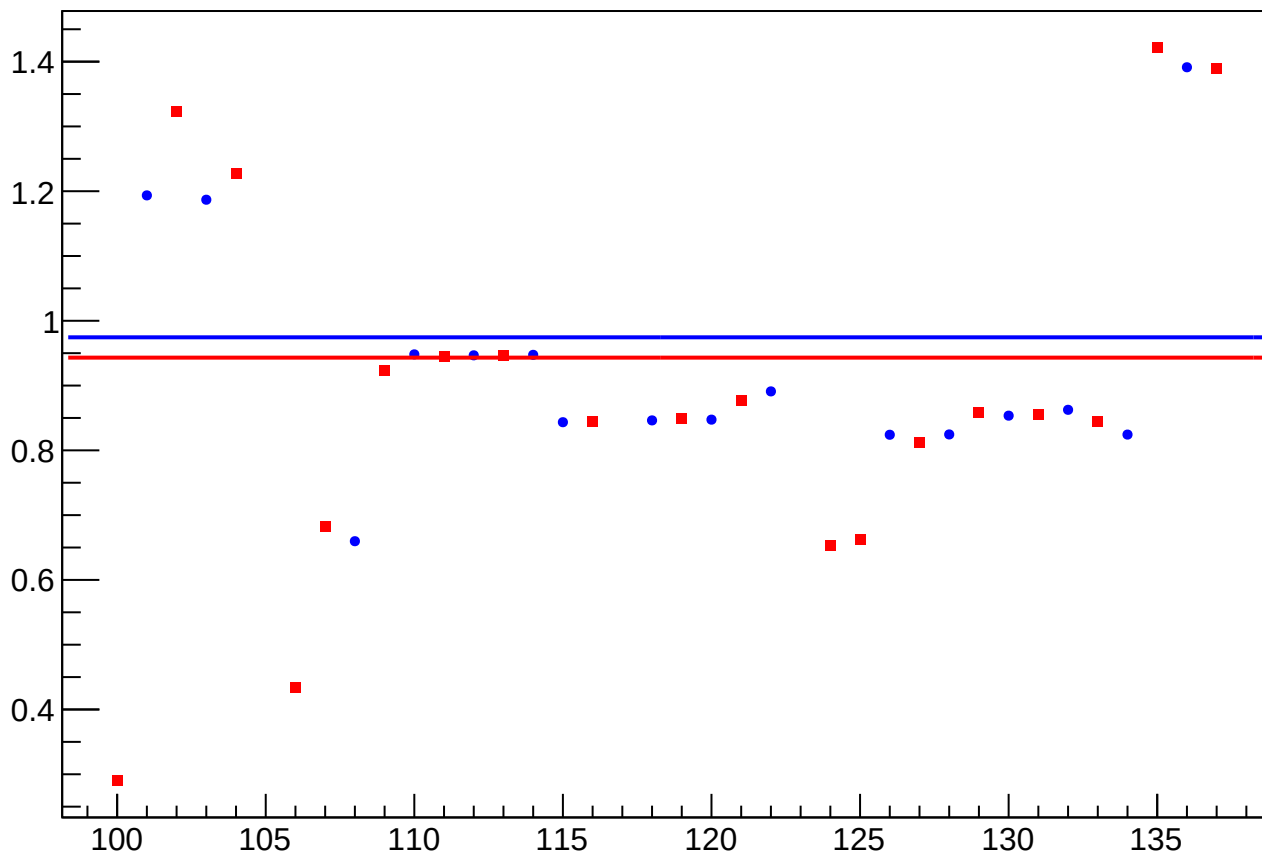
Right: 0.031+/-0.000 χ^2/NDF : 6546669.2/34

In: 0.029+/-0.000 χ^2/NDF :3192424.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.000 χ^2/NDF : 6546669.2/34

yield_bpm11X_mean vs Slug, Sign Corrected



Right In: 0.974+/-0.000 χ^2/NDF : 1458735246.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.943+/-0.000 χ^2/NDF : 1670579900.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

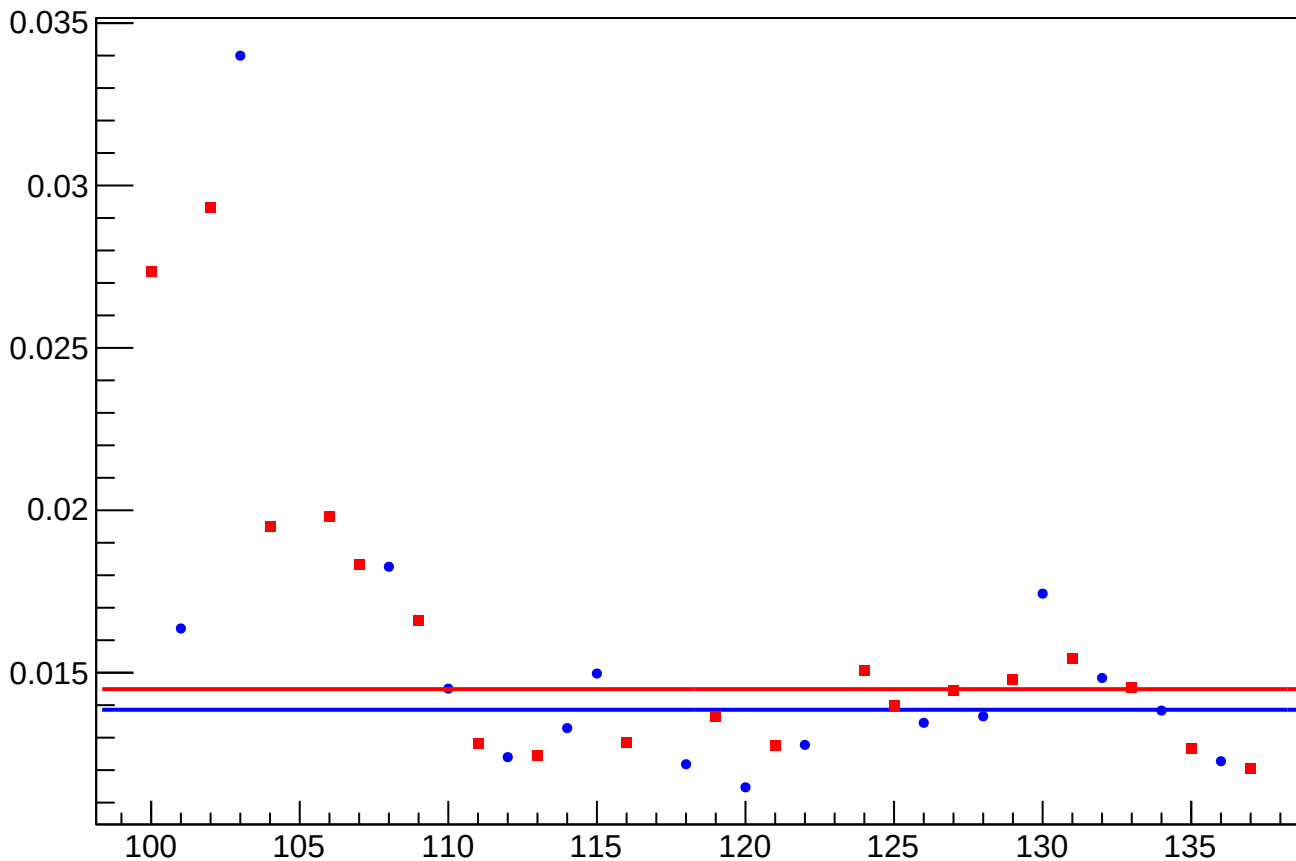
Right: 0.959+/-0.000 χ^2/NDF : 3144762694.7/34

In: 0.974+/-0.000 χ^2/NDF :1458735246.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.959+/-0.000 χ^2/NDF : 3144762694.7/34

yield_bpm11X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 599979.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 544337.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

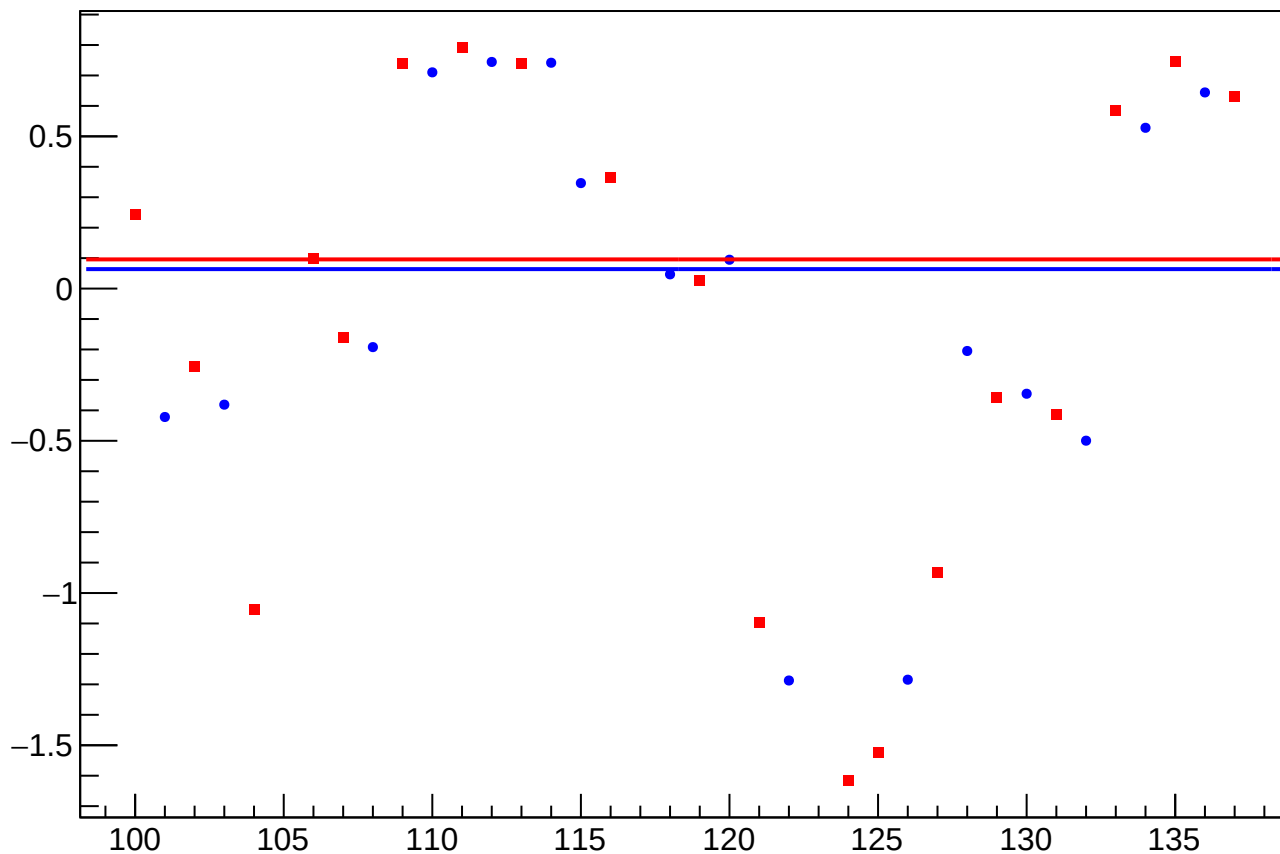
Right: 0.014+/-0.000 χ^2/NDF : 1156942.1/34

In: 0.014+/-0.000 χ^2/NDF :599979.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1156942.1/34

yield_bpm11Y_mean vs Slug, Sign Corrected



Right In: 0.064+/-0.000

χ^2/NDF : 11035911379.4/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.000

χ^2/NDF : 17784850774.3/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.081+/-0.000

χ^2/NDF : 28834701842.2/34

In: 0.064+/-0.000

χ^2/NDF : 11035911379.4/15

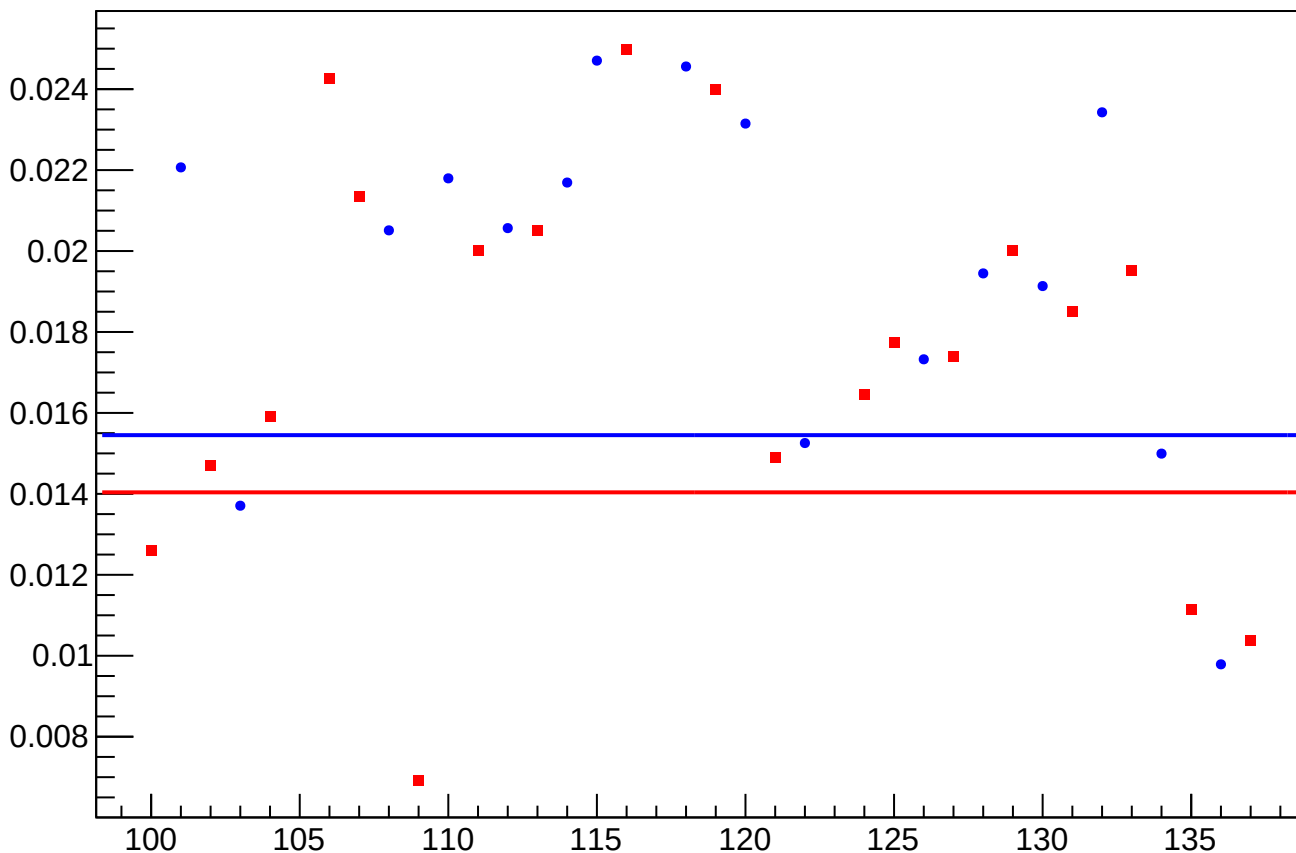
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.081+/-0.000

χ^2/NDF : 28834701842.2/34

yield_bpm11Y_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000

χ^2/NDF : 1293711.1/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000

χ^2/NDF : 1686554.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 3034802.2/34

In: 0.015+/-0.000

χ^2/NDF : 1293711.1/15

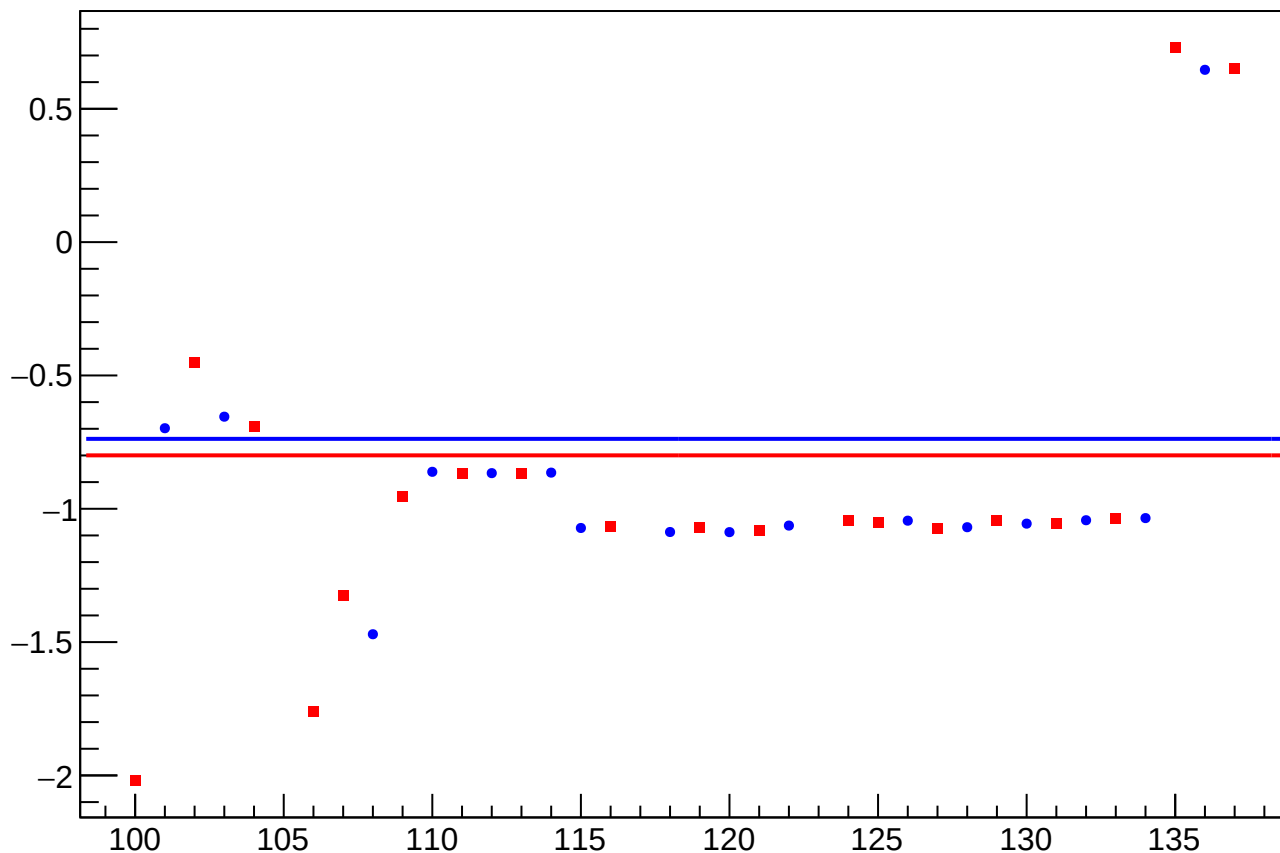
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 3034802.2/34

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.738 ± 0.000 $\chi^2/\text{NDF}: 2072845802.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.800 ± 0.000 $\chi^2/\text{NDF}: 1883862445.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

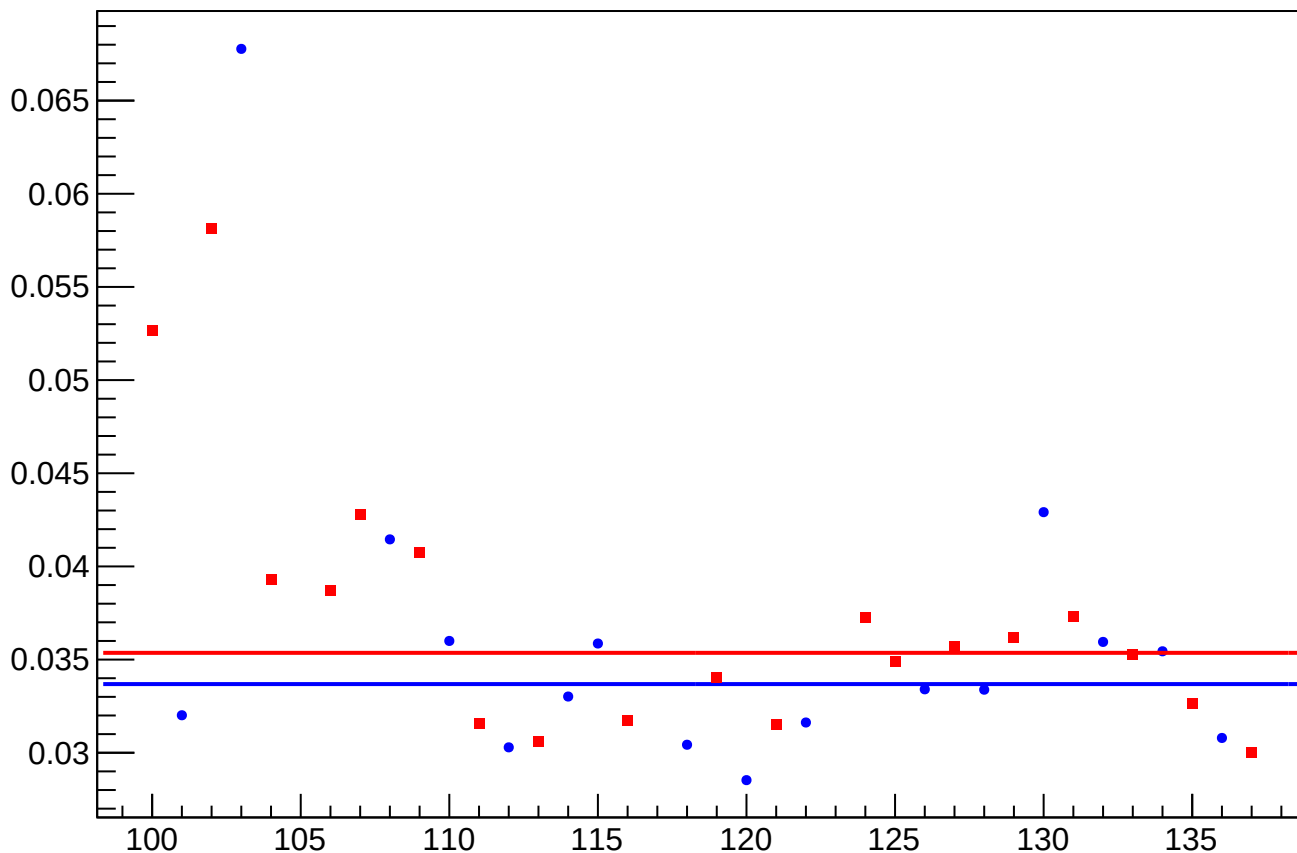
Right: -0.768 ± 0.000 $\chi^2/\text{NDF}: 3966960462.4/34$

In: -0.738 ± 0.000 $\chi^2/\text{NDF}: 2072845802.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.768 ± 0.000 $\chi^2/\text{NDF}: 3966960462.4/34$

yield_bpm12X_rms vs Slug, Sign Corrected



Right In: 0.034+/-0.000 χ^2/NDF : 420227.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 296353.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

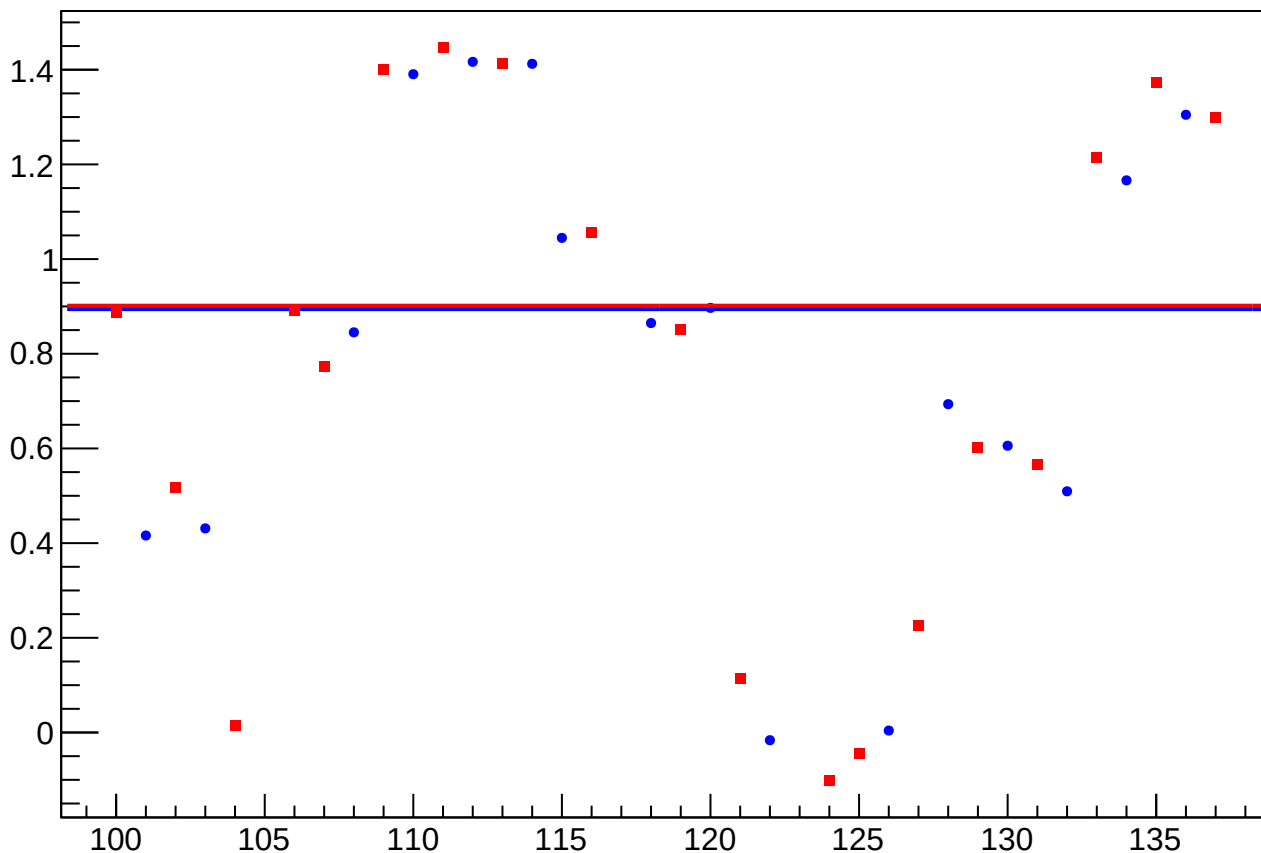
Right: 0.034+/-0.000 χ^2/NDF : 731644.4/34

In: 0.034+/-0.000 χ^2/NDF :420227.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.034+/-0.000 χ^2/NDF : 731644.4/34

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.894+/-0.000

χ^2/NDF : 12749707787.6/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.898+/-0.000 χ^2/NDF : 30644277544.6/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.894+/-0.000 χ^2/NDF : 12749707787.6/15

Right Out: 0.902+/-0.000 χ^2/NDF : 17893051843.7/18

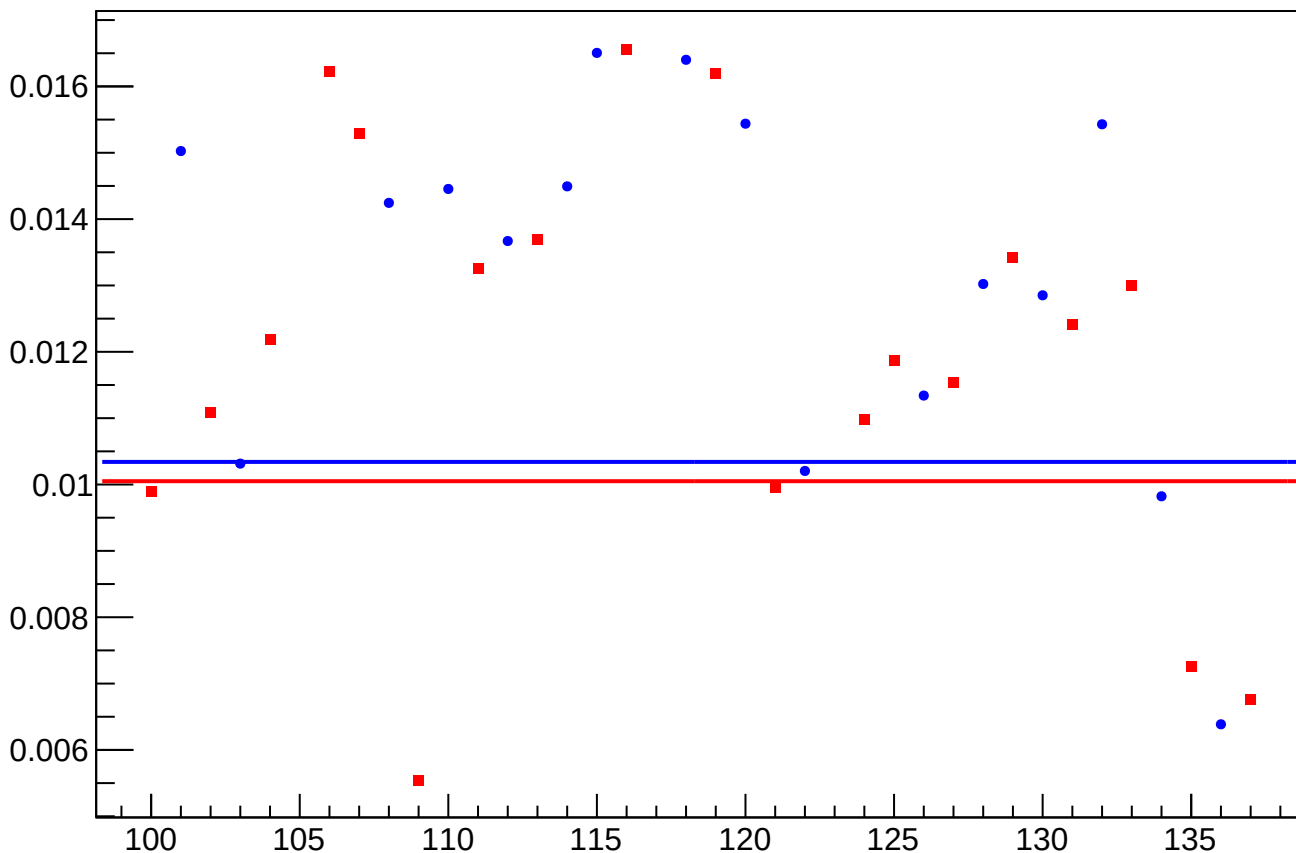
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.898+/-0.000 χ^2/NDF : 30644277544.6/34

yield_bpm12Y_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000

χ^2/NDF : 1350446.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000

χ^2/NDF : 1336866.7/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 2692207.1/34

In: 0.010+/-0.000

χ^2/NDF : 1350446.6/15

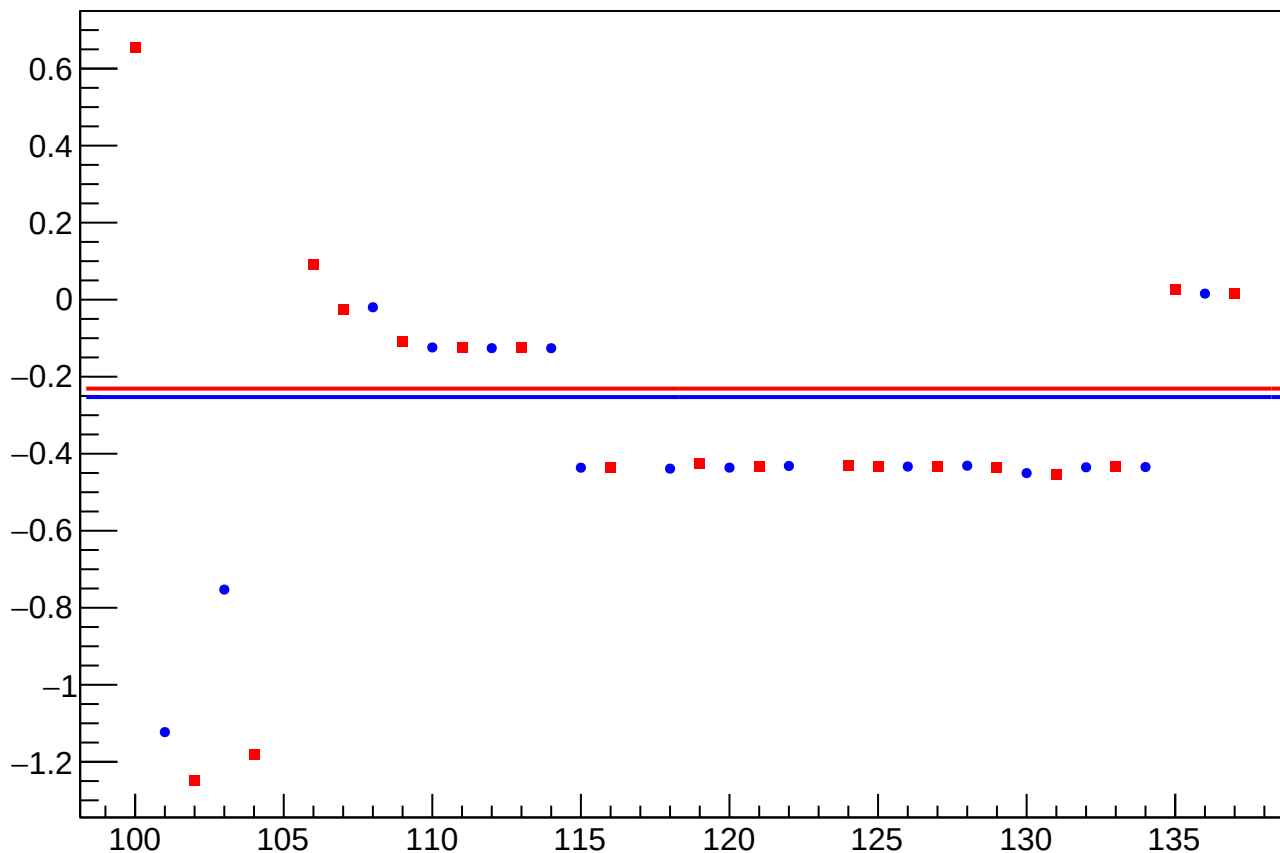
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 2692207.1/34

yield_bpm16X_mean vs Slug, Sign Corrected



Right In: -0.253+/-0.000 χ^2/NDF : 2025242410.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.231+/-0.000 χ^2/NDF : 1808702536.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

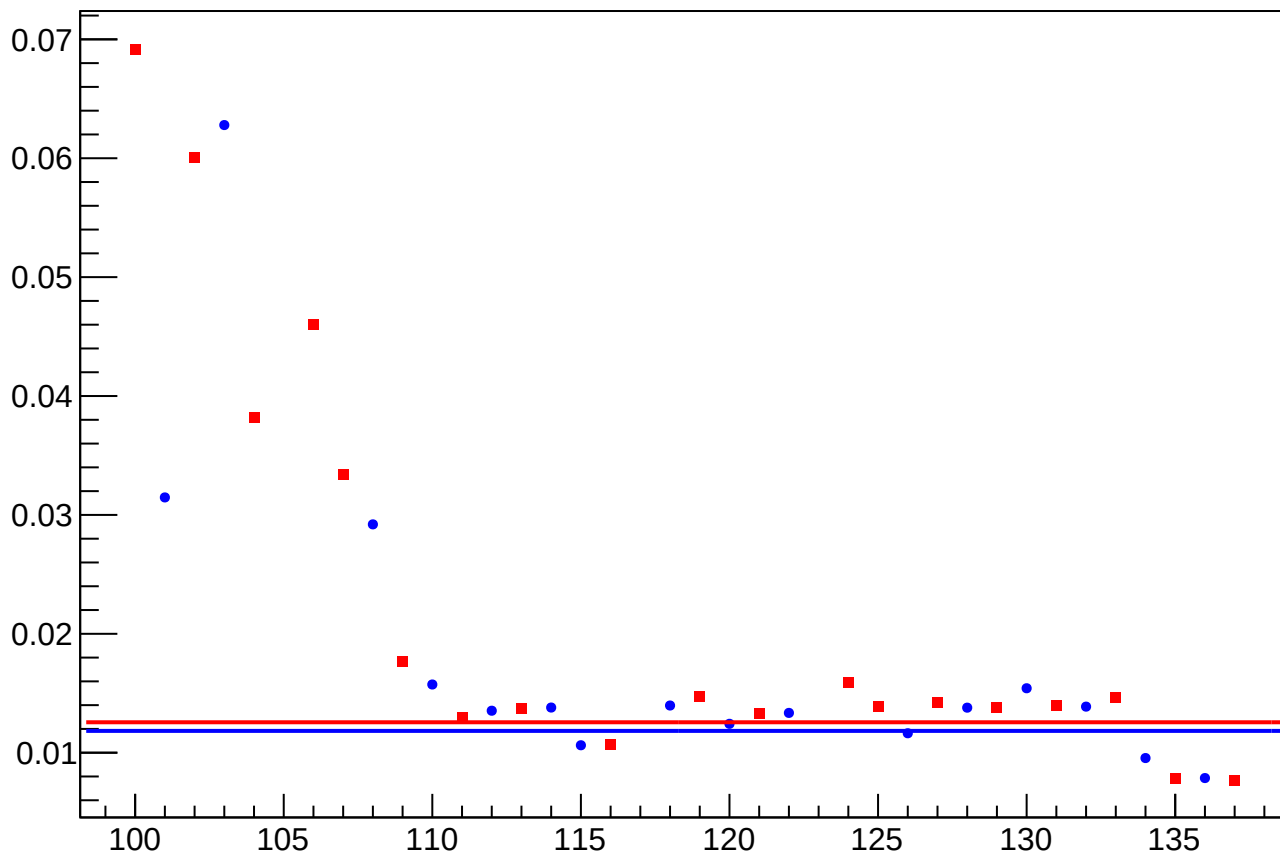
Right: -0.243+/-0.000 χ^2/NDF : 3842049612.8/34

In: -0.253+/-0.000 χ^2/NDF :2025242410.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.243+/-0.000 χ^2/NDF : 3842049612.8/34

yield_bpm16X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 1942550.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 2217419.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

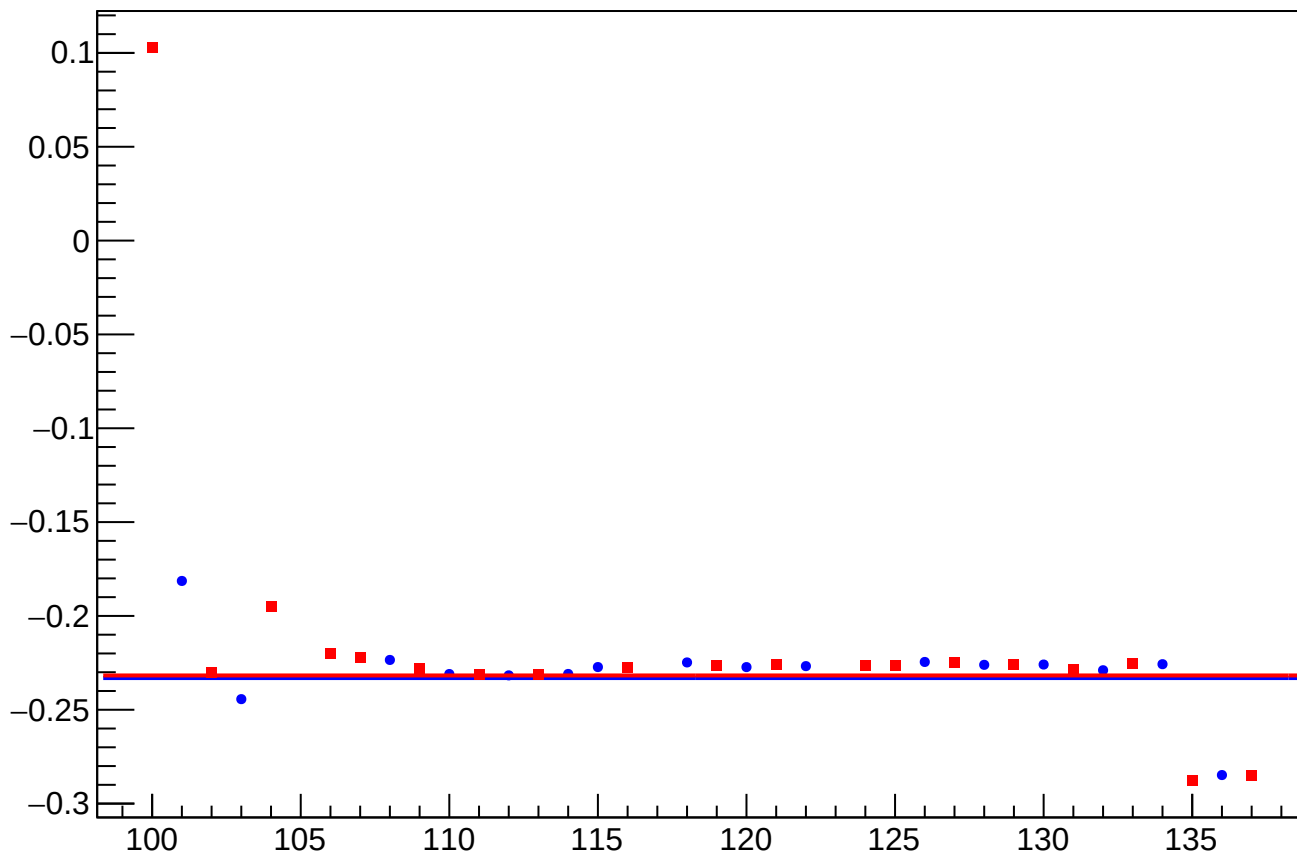
Right: 0.012+/-0.000 χ^2/NDF : 4177625.3/34

In: 0.012+/-0.000 χ^2/NDF :1942550.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 4177625.3/34

yield_bpm16Y_mean vs Slug, Sign Corrected



Right In: -0.233+/-0.000 χ^2/NDF : 199059878.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.232+/-0.000 χ^2/NDF : 287244778.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

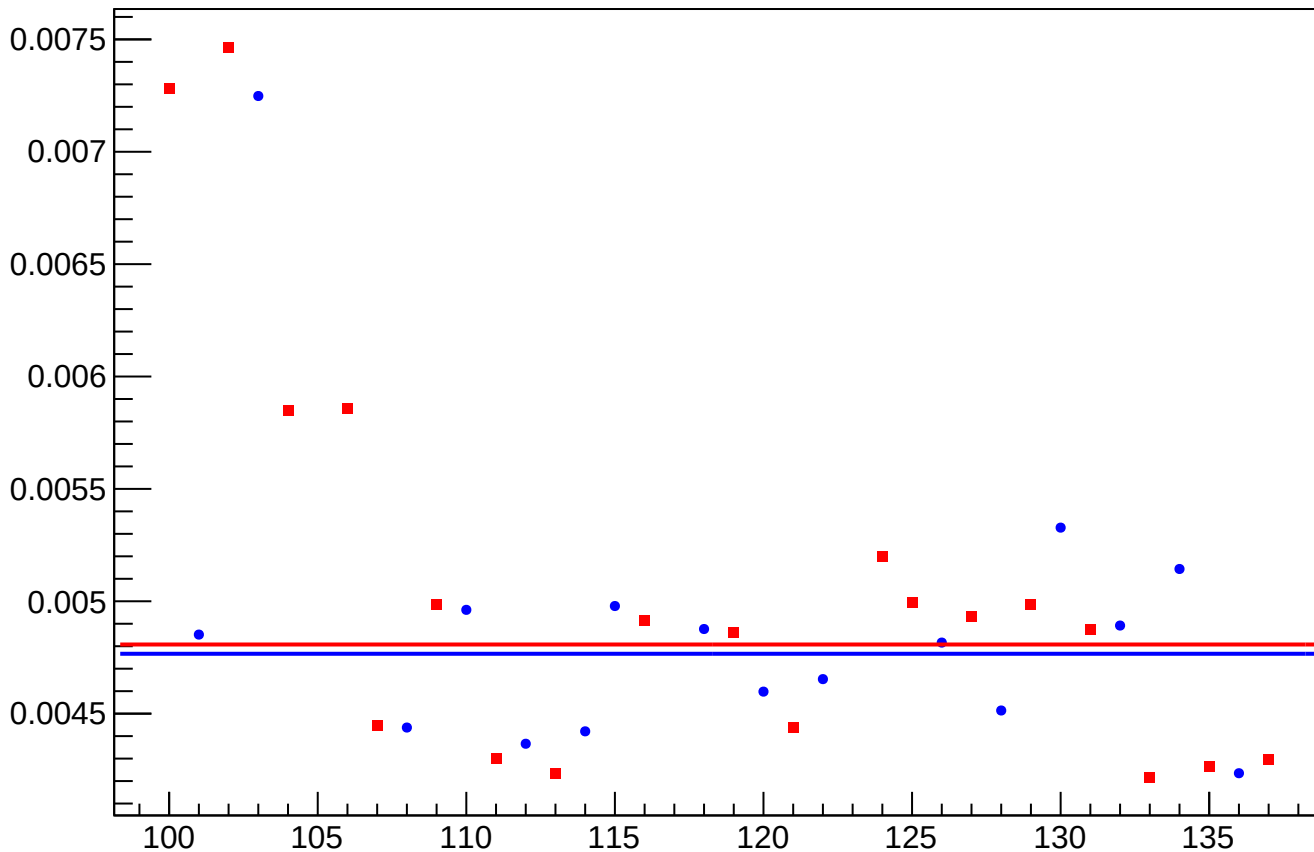
Right: -0.232+/-0.000 χ^2/NDF : 486580881.0/34

In: -0.233+/-0.000 χ^2/NDF : 199059878.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.232+/-0.000 χ^2/NDF : 486580881.0/34

yield_bpm16Y_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 191759.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 293738.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

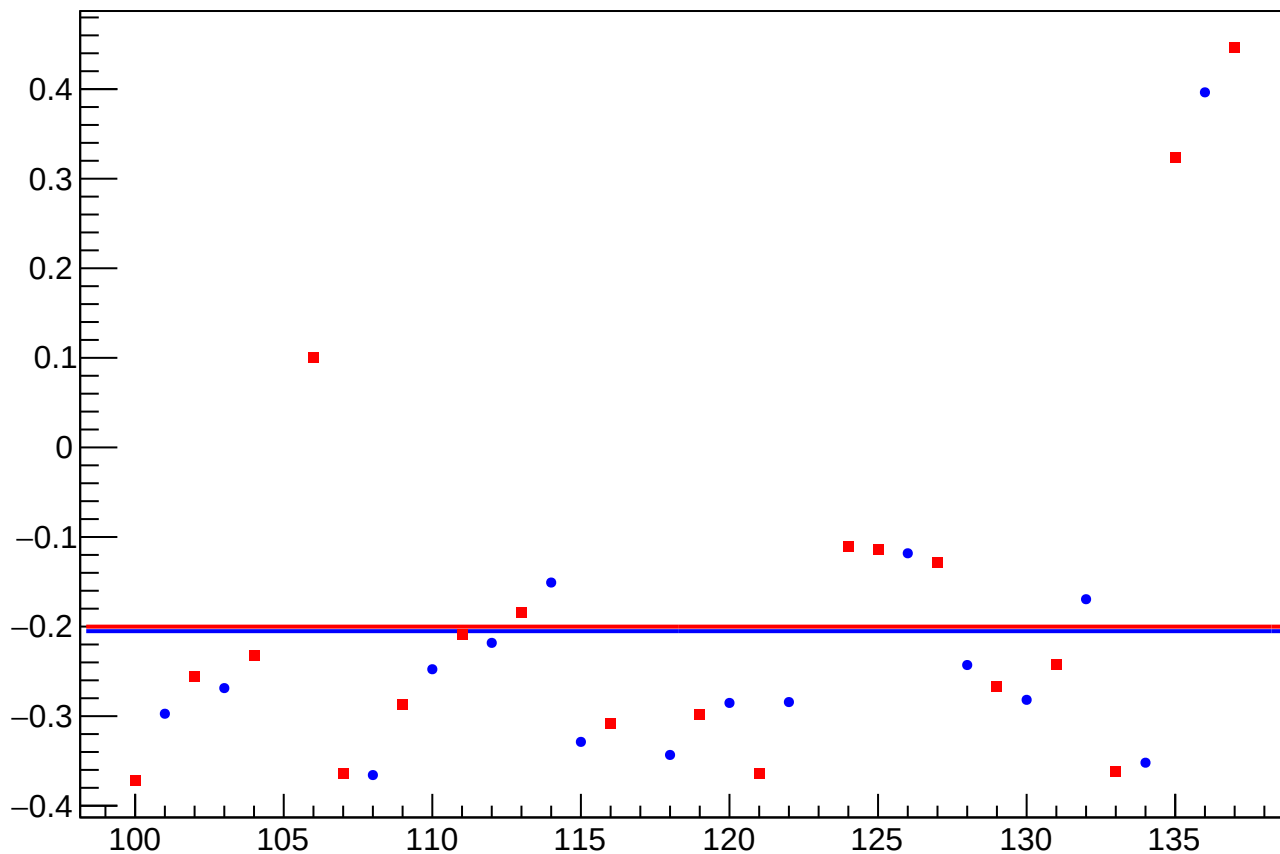
Right: 0.005+/-0.000 χ^2/NDF : 485985.9/34

In: 0.005+/-0.000 χ^2/NDF : 191759.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 485985.9/34

yield_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -0.205+/-0.000 χ^2/NDF : 6189271855.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.200+/-0.000 χ^2/NDF : 5249978819.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

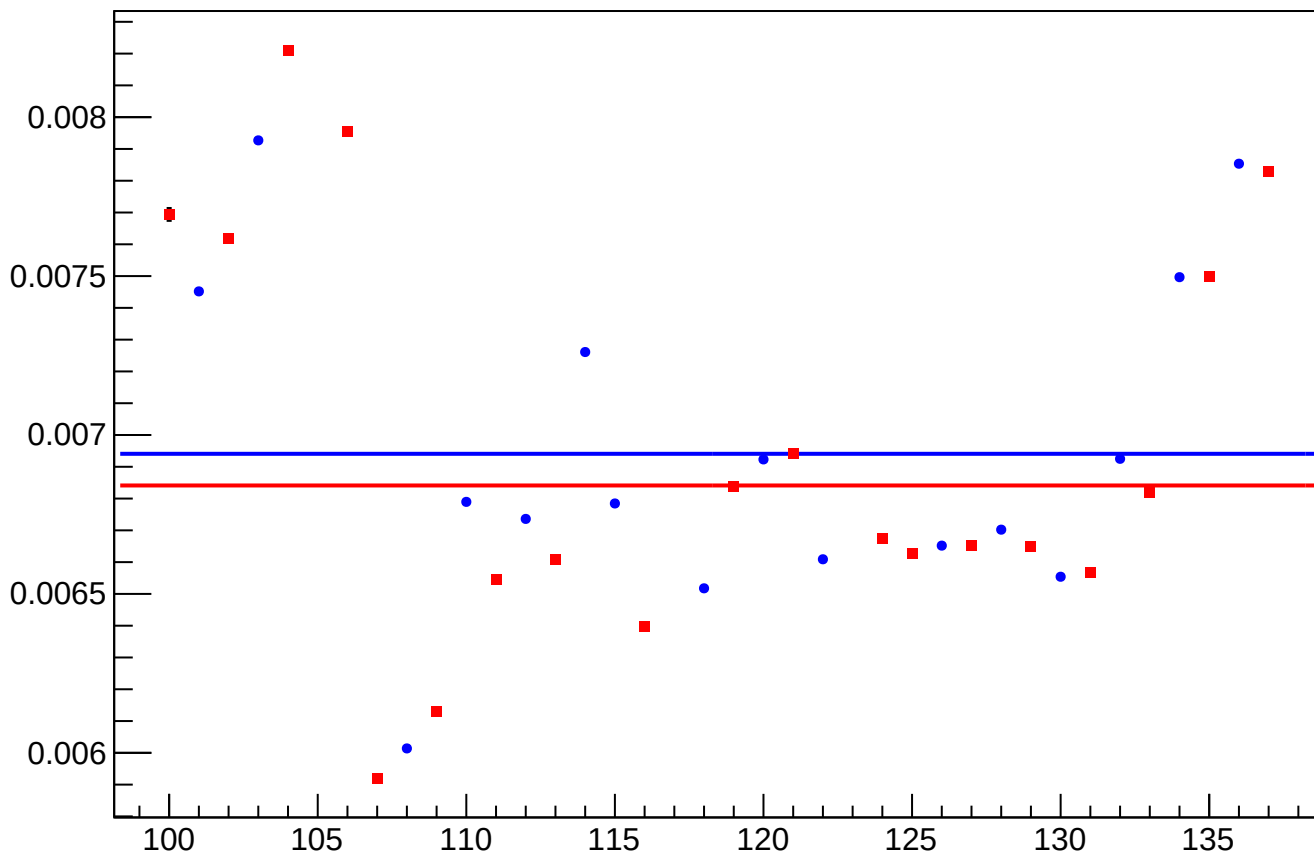
Right: -0.203+/-0.000 χ^2/NDF : 11441176033.3/34

In: -0.205+/-0.000 χ^2/NDF :6189271855.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.203+/-0.000 χ^2/NDF : 11441176033.3/34

yield_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 85159.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 99819.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

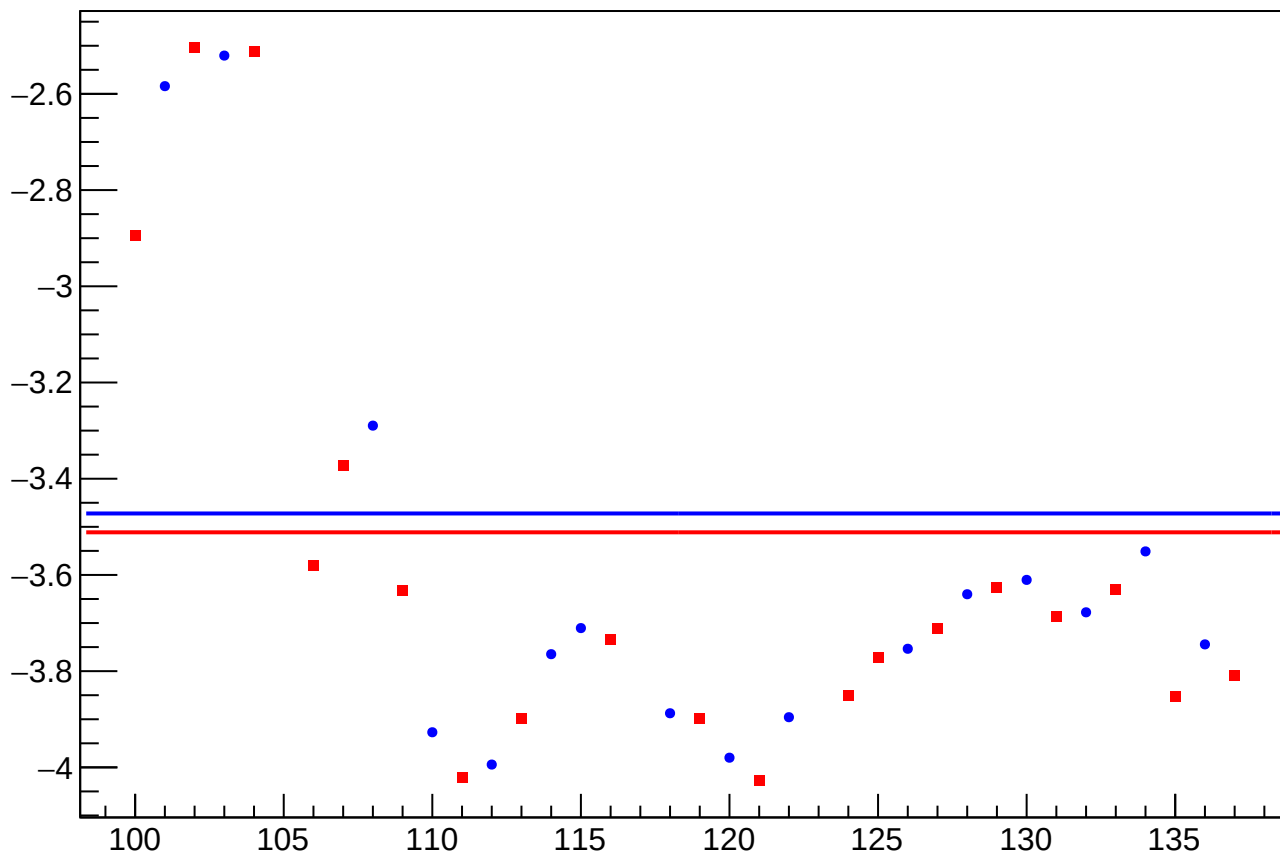
Right: 0.007+/-0.000 χ^2/NDF : 186467.2/34

In: 0.007+/-0.000 χ^2/NDF :85159.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 186467.2/34

yield_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -3.472+/-0.000 χ^2/NDF : 29592353445.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.511+/-0.000 χ^2/NDF : 29716501733.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

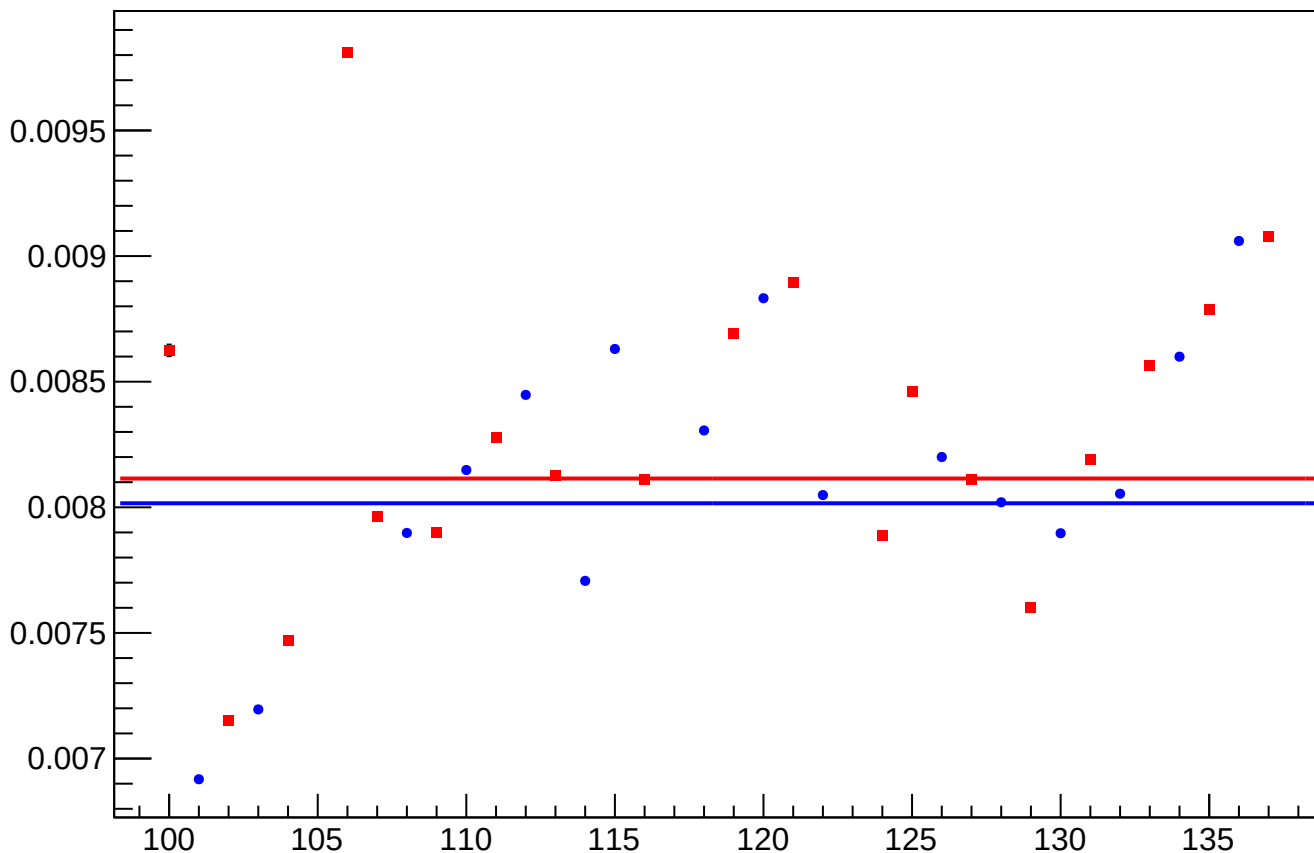
Right: -3.492+/-0.000 χ^2/NDF : 59392057159.0/34

In: -3.472+/-0.000 χ^2/NDF : 29592353445.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.492+/-0.000 χ^2/NDF : 59392057159.0/34

yield_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 86232.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 71067.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

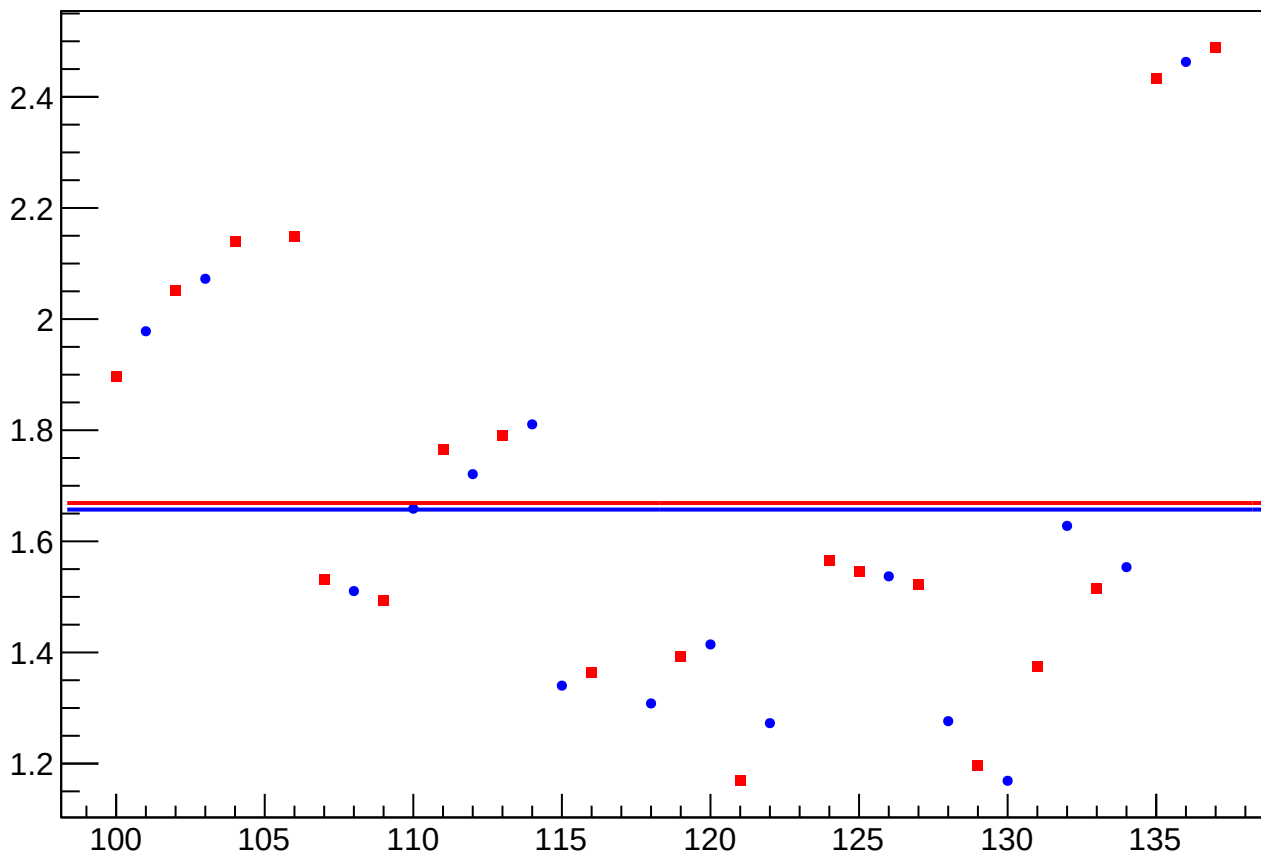
Right: 0.008+/-0.000 χ^2/NDF : 158353.0/34

In: 0.008+/-0.000 χ^2/NDF :86232.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 158353.0/34

yield_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: 1.657+/-0.000 χ^2/NDF : 6666154117.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.669+/-0.000 χ^2/NDF : 6357589265.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

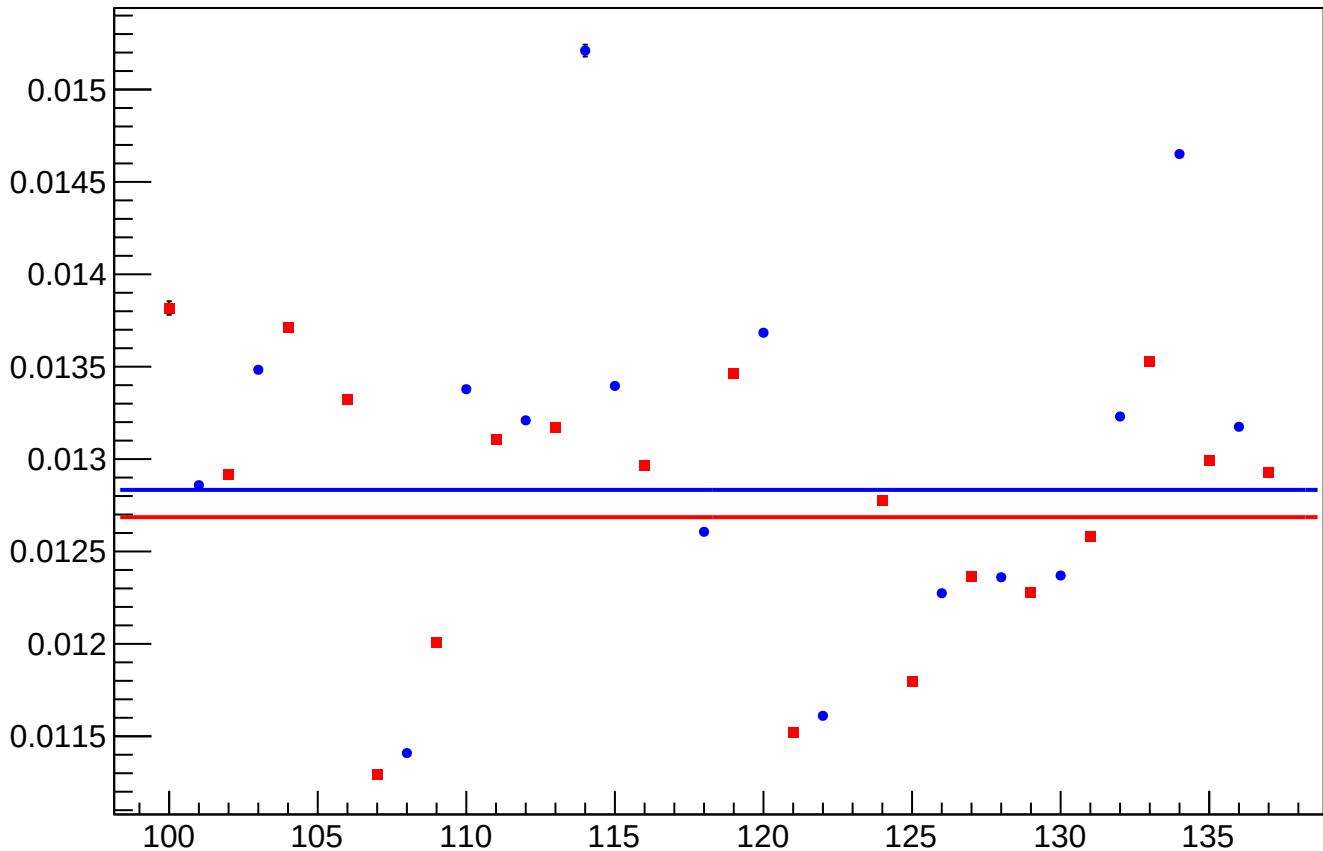
Right: 1.663+/-0.000 χ^2/NDF : 13026763419.8/34

In: 1.657+/-0.000 χ^2/NDF : 6666154117.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.663+/-0.000 χ^2/NDF : 13026763419.8/34

yield_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 0.013+/-0.000 χ^2/NDF : 52516.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 43279.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

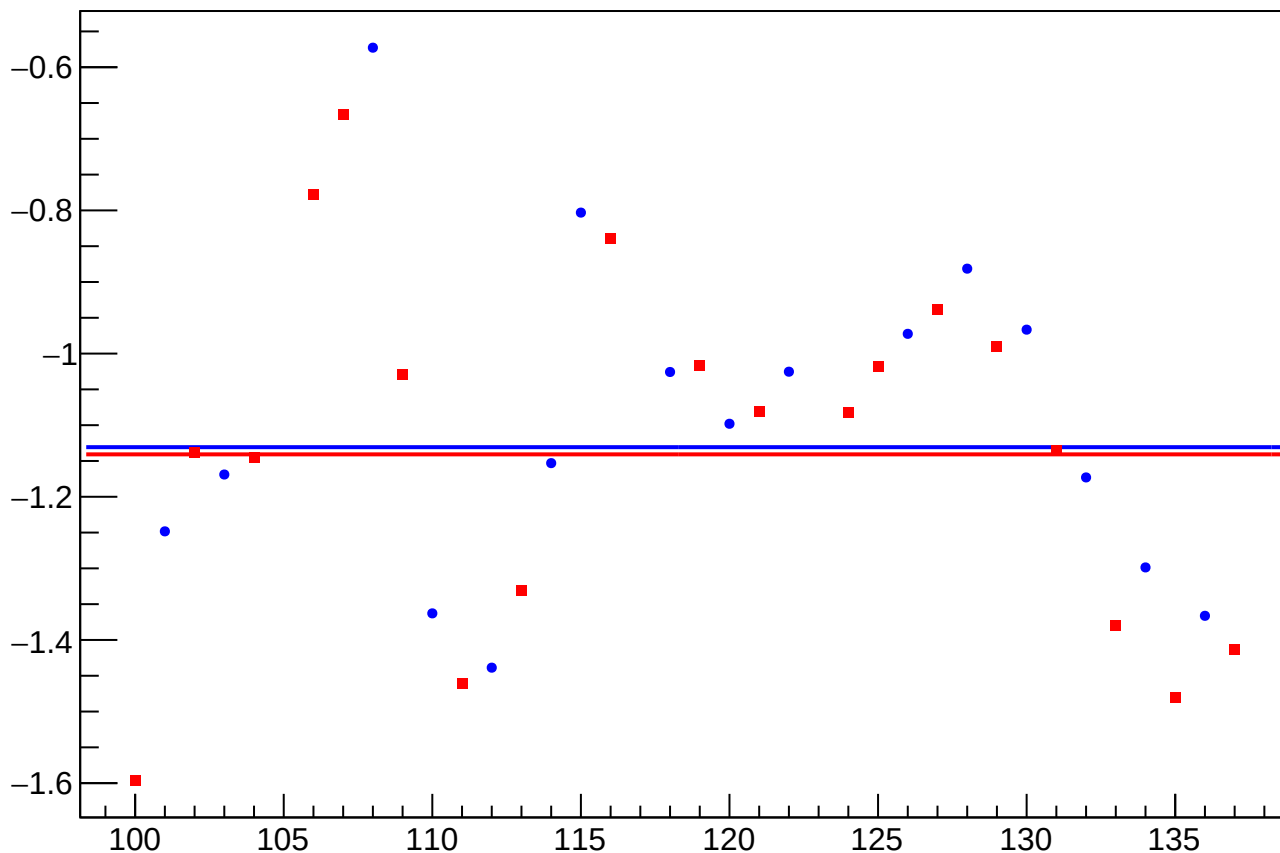
Right: 0.013+/-0.000 χ^2/NDF : 96748.3/34

In: 0.013+/-0.000 χ^2/NDF :52516.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.013+/-0.000 χ^2/NDF : 96748.3/34

yield_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -1.131+/-0.000 χ^2/NDF : 3790121991.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.141+/-0.000 χ^2/NDF : 3544012262.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

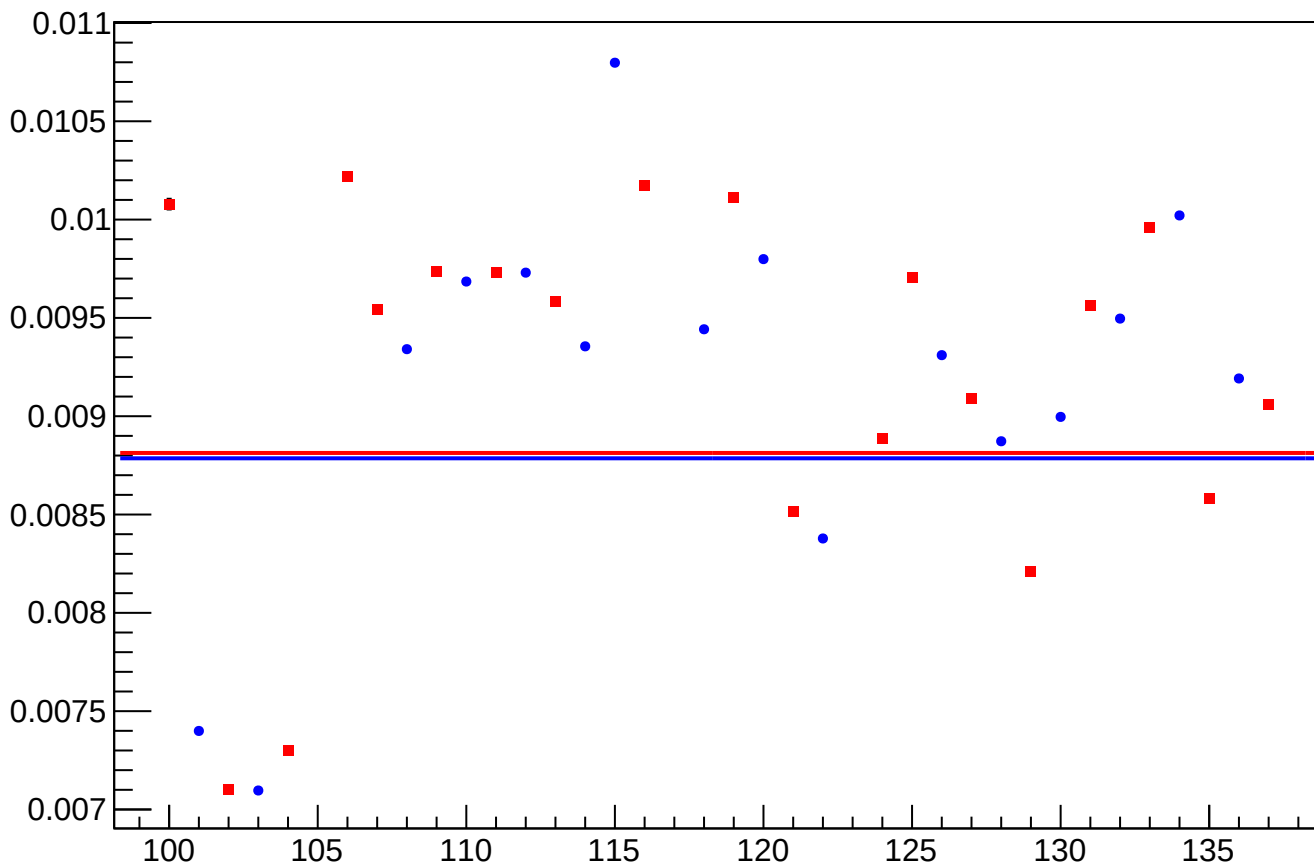
Right: -1.136+/-0.000 χ^2/NDF : 7338628665.5/34

In: -1.131+/-0.000 χ^2/NDF :3790121991.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.136+/-0.000 χ^2/NDF : 7338628665.5/34

yield_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 173477.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 204443.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

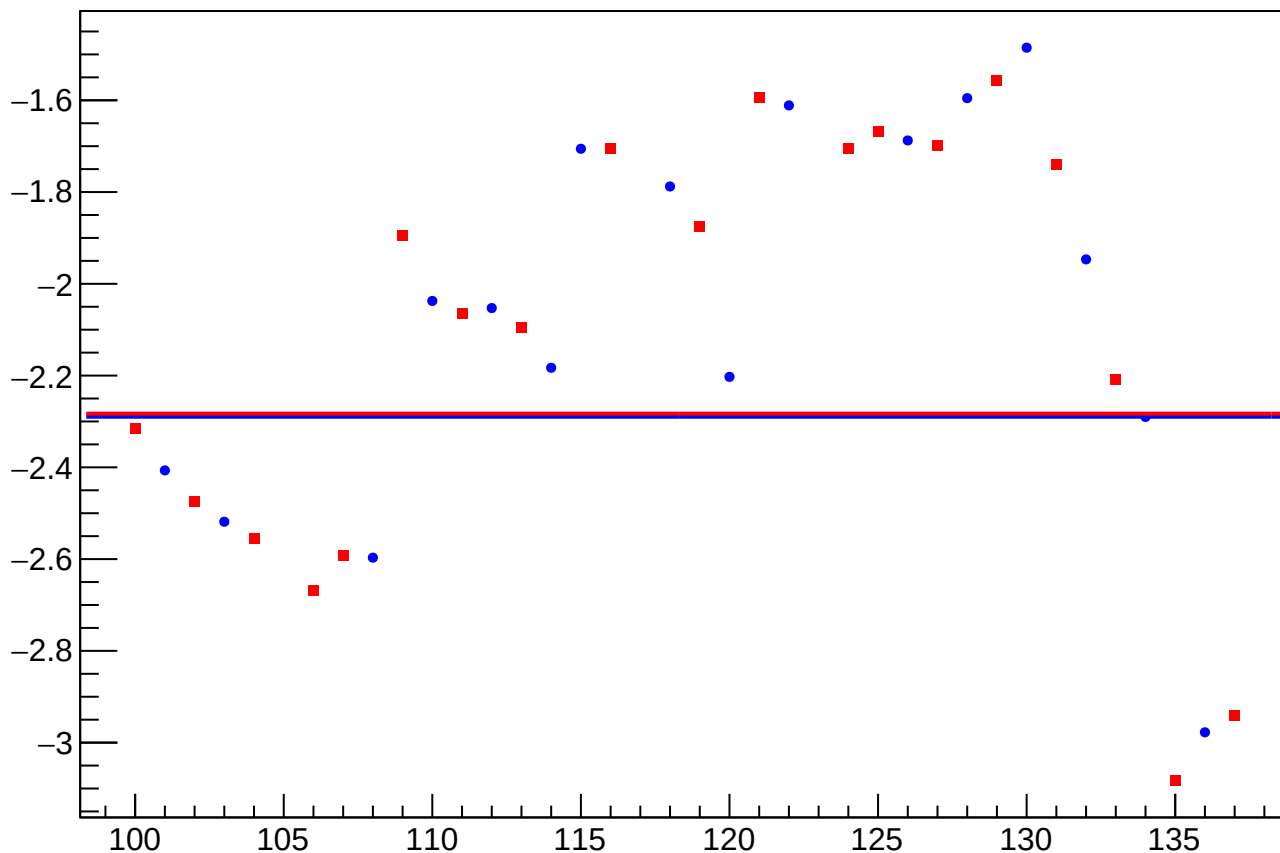
Right: 0.009+/-0.000 χ^2/NDF : 377987.0/34

In: 0.009+/-0.000 χ^2/NDF :173477.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.000 χ^2/NDF : 377987.0/34

yield_bpm0i05X_mean vs Slug, Sign Corrected



Right In: -2.290+/-0.000 χ^2/NDF : 15222817978.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.283+/-0.000 χ^2/NDF : 17032219519.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

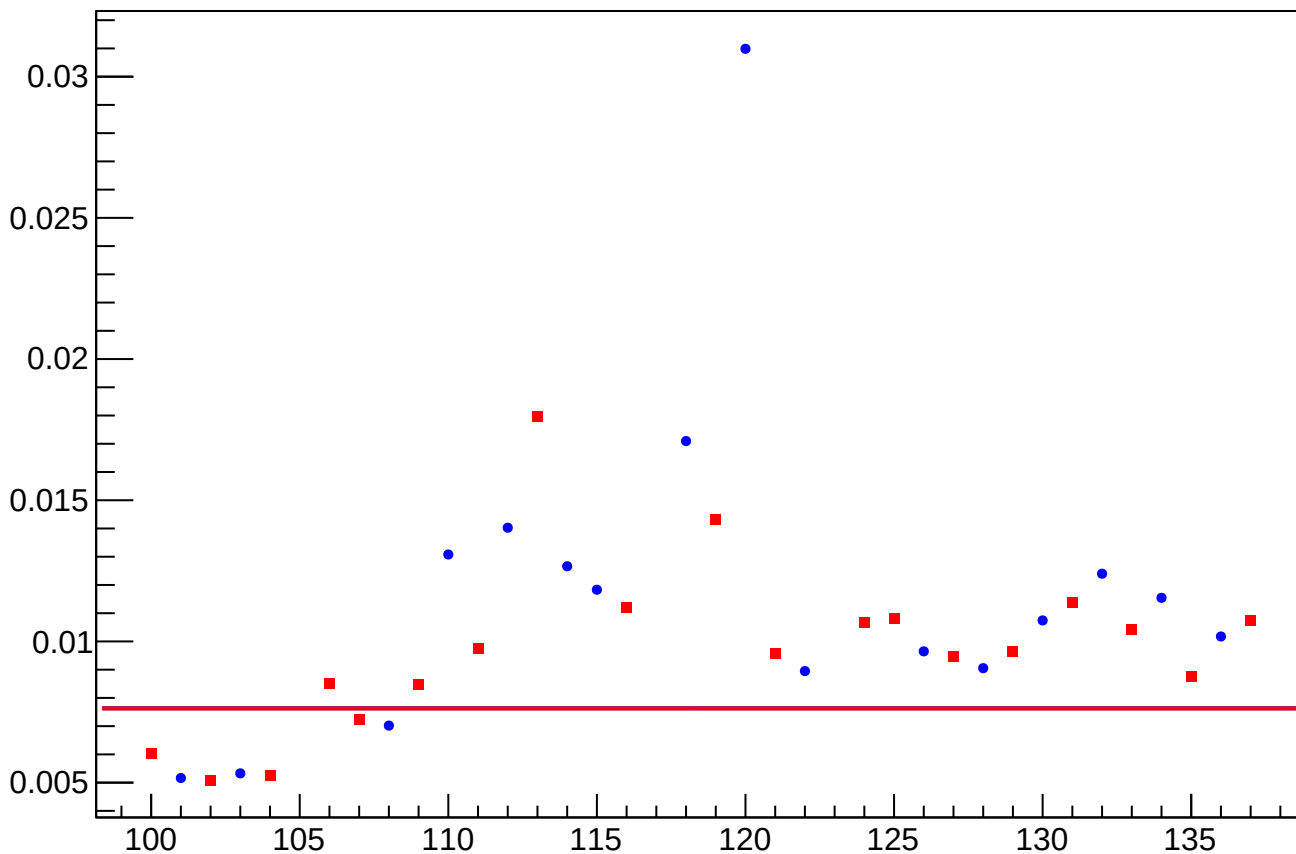
Right: -2.286+/-0.000 χ^2/NDF : 32257076383.6/34

In: -2.290+/-0.000 χ^2/NDF :15222817978.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.286+/-0.000 χ^2/NDF : 32257076383.6/34

yield_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 1710797.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 1317740.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

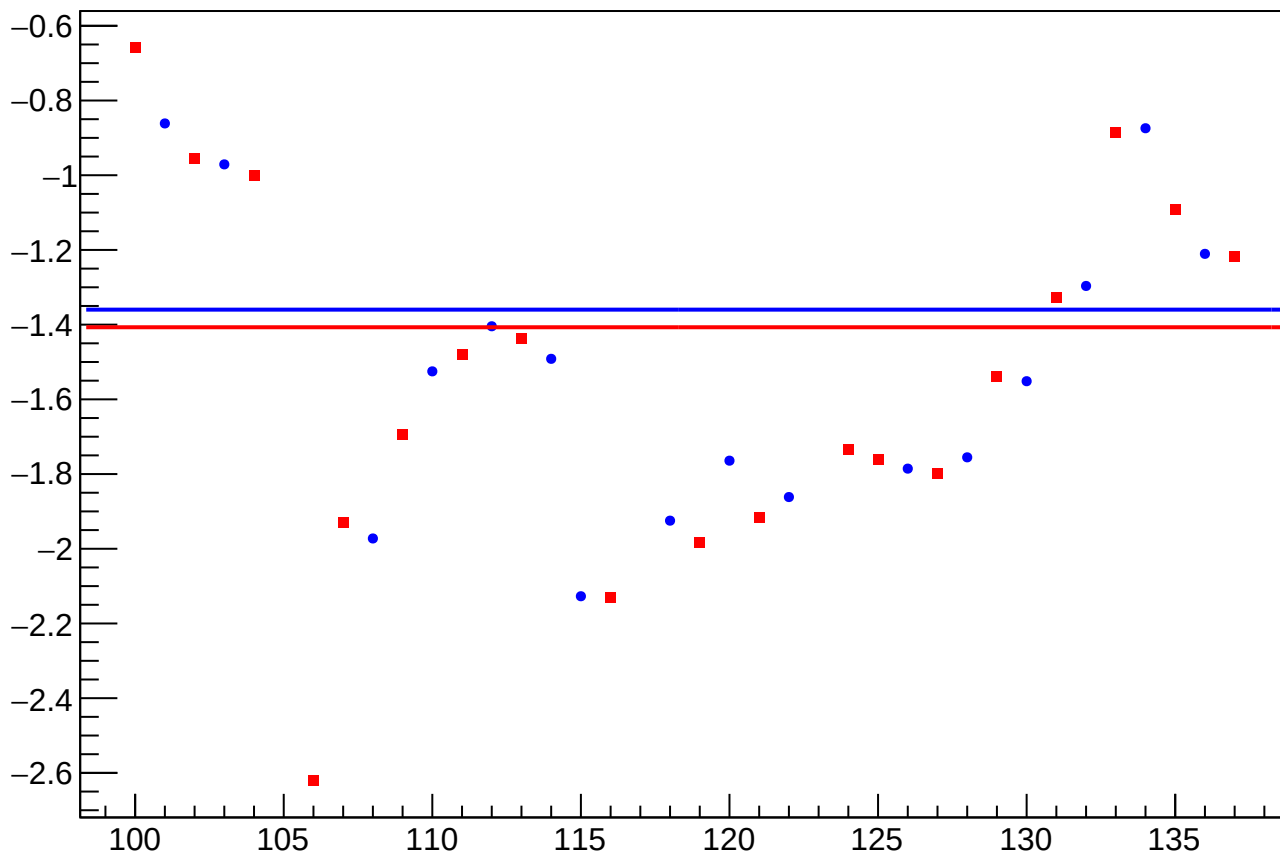
Right: 0.008+/-0.000 χ^2/NDF : 3028539.8/34

In: 0.008+/-0.000 χ^2/NDF :1710797.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 3028539.8/34

yield_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: -1.360+/-0.000 χ^2/NDF : 21491965614.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.407+/-0.000 χ^2/NDF : 29835610413.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

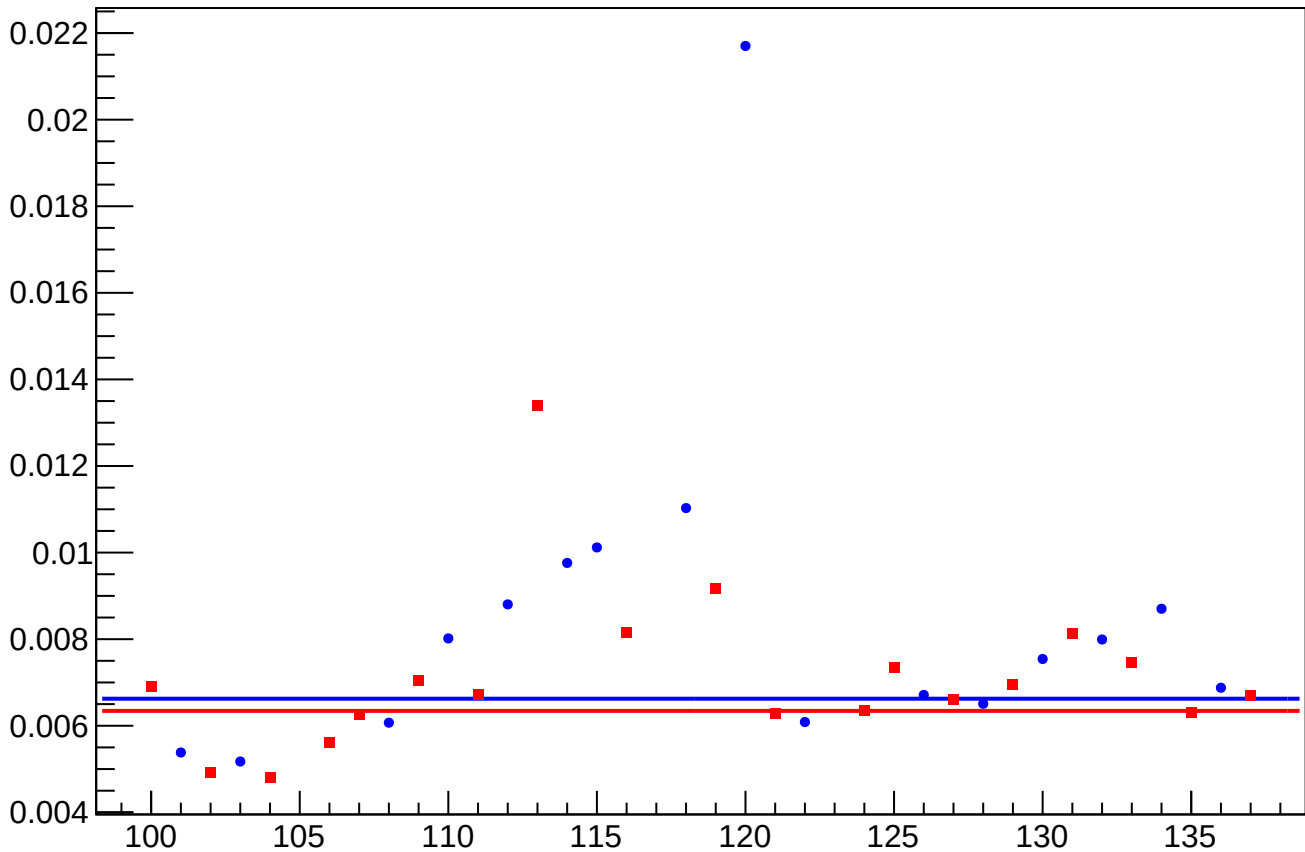
Right: -1.385+/-0.000 χ^2/NDF : 51484688313.9/34

In: -1.360+/-0.000 χ^2/NDF :21491965614.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.385+/-0.000 χ^2/NDF : 51484688313.9/34

yield_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 693783.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 529170.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

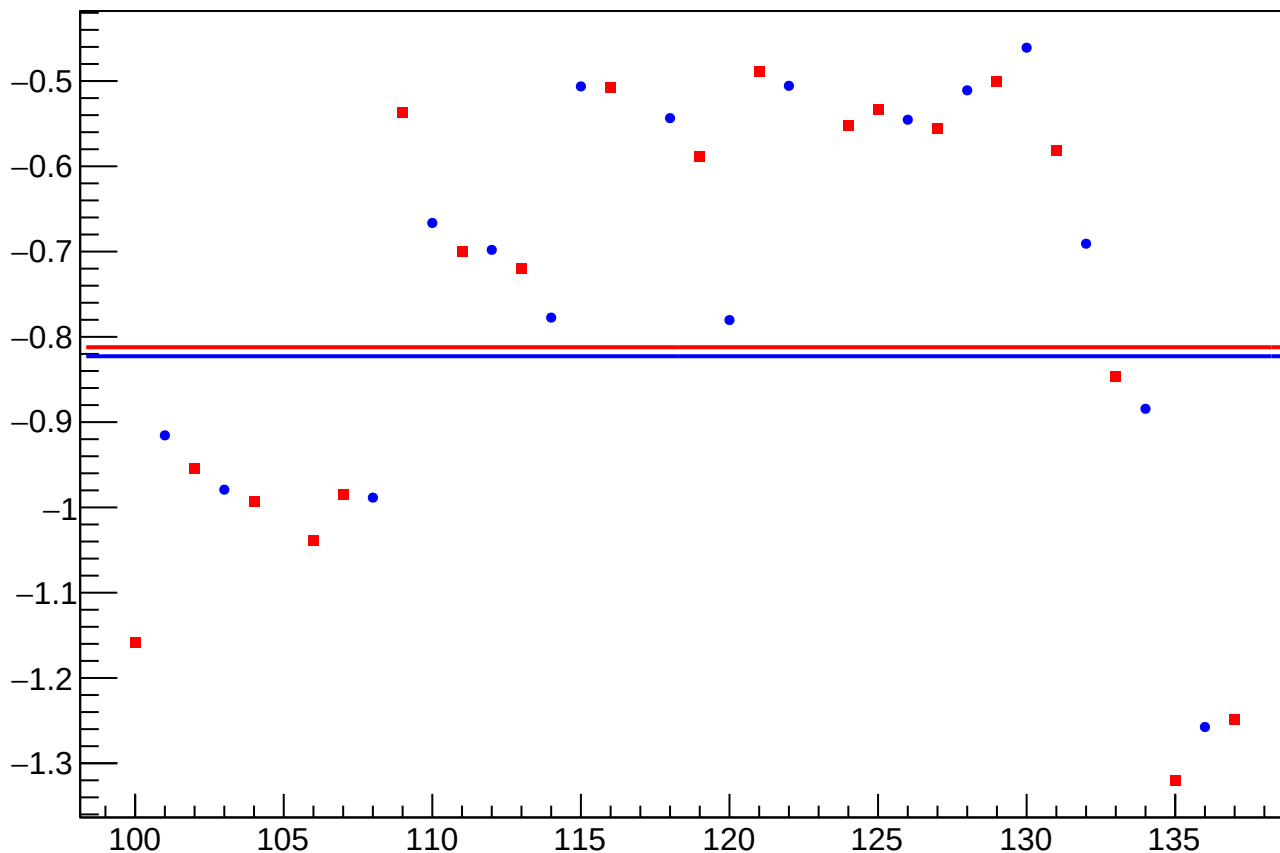
Right: 0.006+/-0.000 χ^2/NDF : 1234142.9/34

In: 0.007+/-0.000 χ^2/NDF :693783.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1234142.9/34

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.823+/-0.000 χ^2/NDF : 12226599844.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.812+/-0.000 χ^2/NDF : 14825441332.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

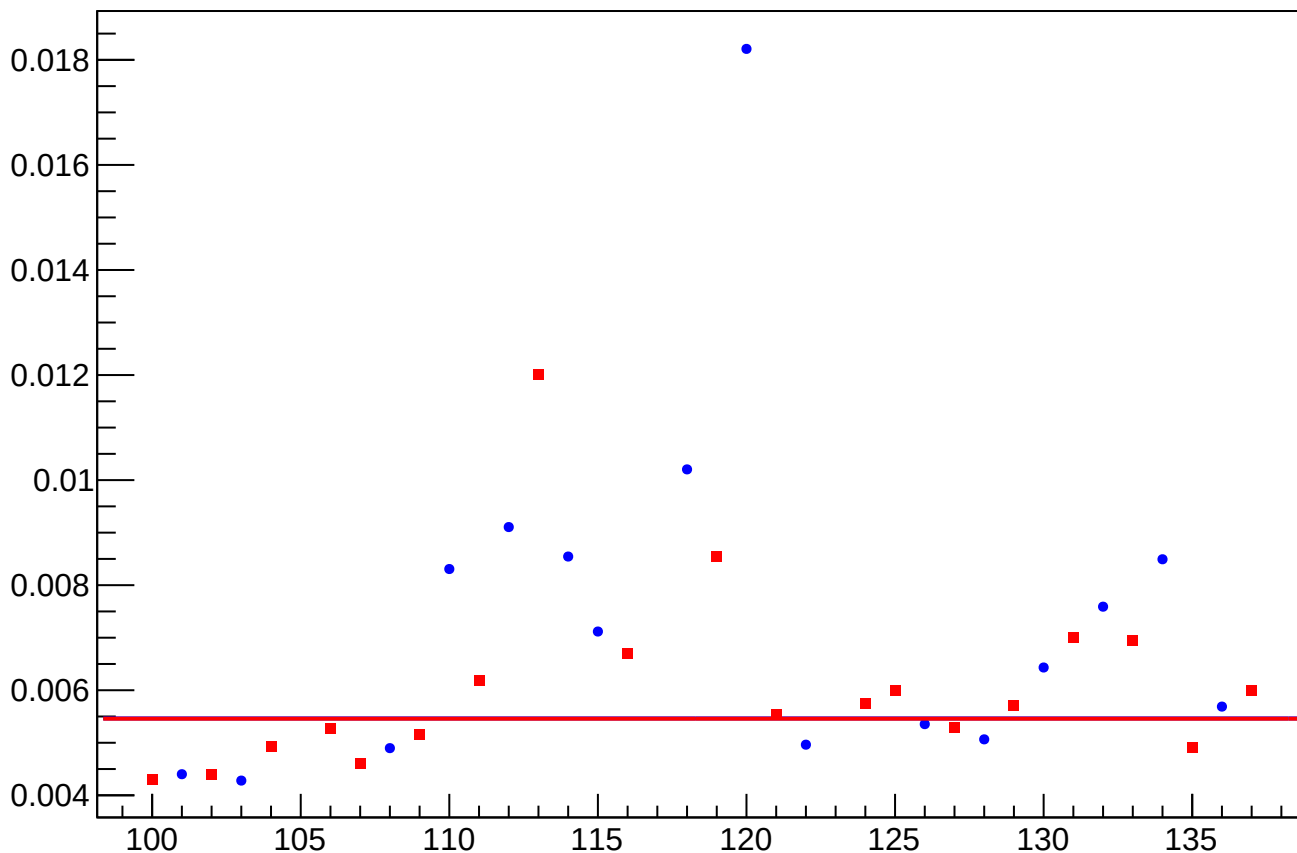
Right: -0.817+/-0.000 χ^2/NDF : 27062819602.4/34

In: -0.823+/-0.000 χ^2/NDF :12226599844.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.817+/-0.000 χ^2/NDF : 27062819602.4/34

yield_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 961483.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 507792.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

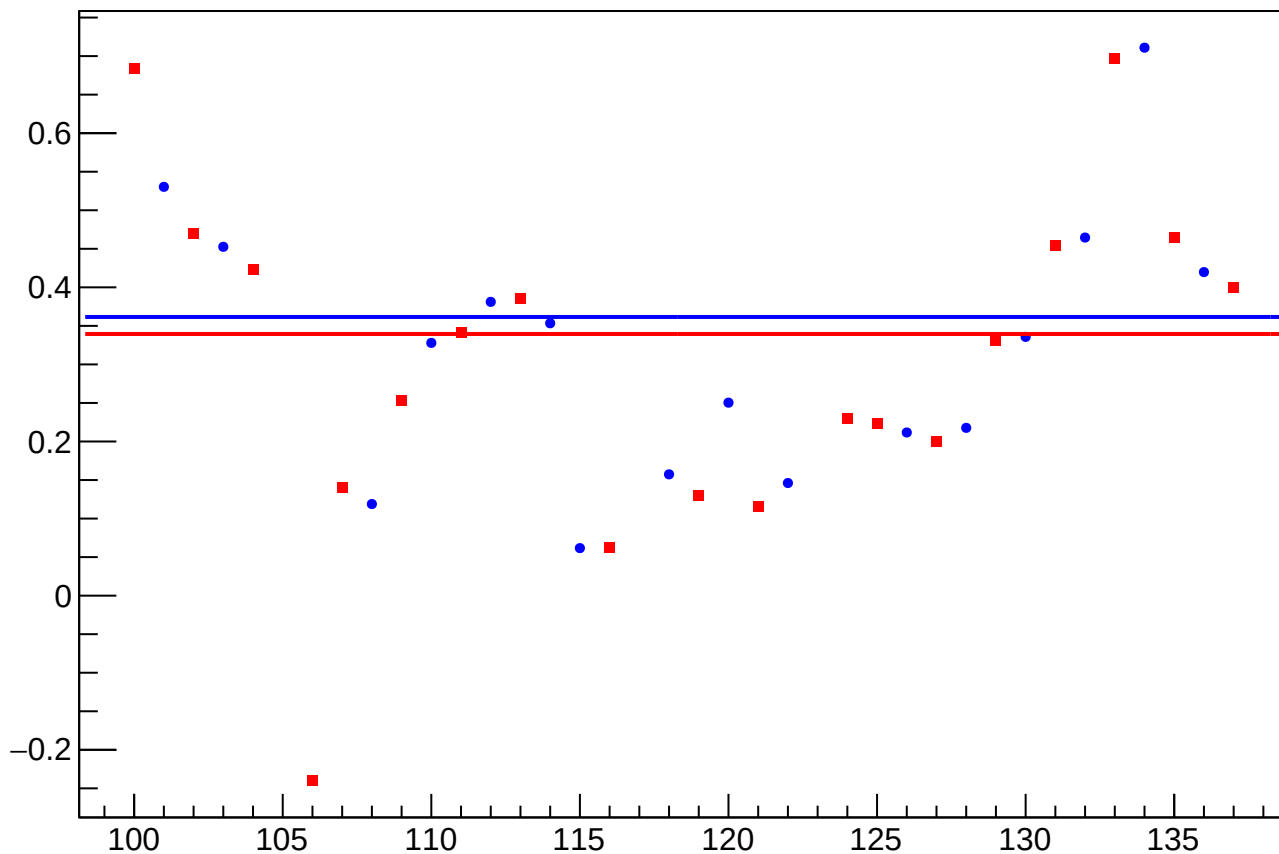
Right: 0.005+/-0.000 χ^2/NDF : 1469281.0/34

In: 0.005+/-0.000 χ^2/NDF :961483.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1469281.0/34

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.362+/-0.000 χ^2/NDF : 8775952187.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.339+/-0.000 χ^2/NDF : 12071802789.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

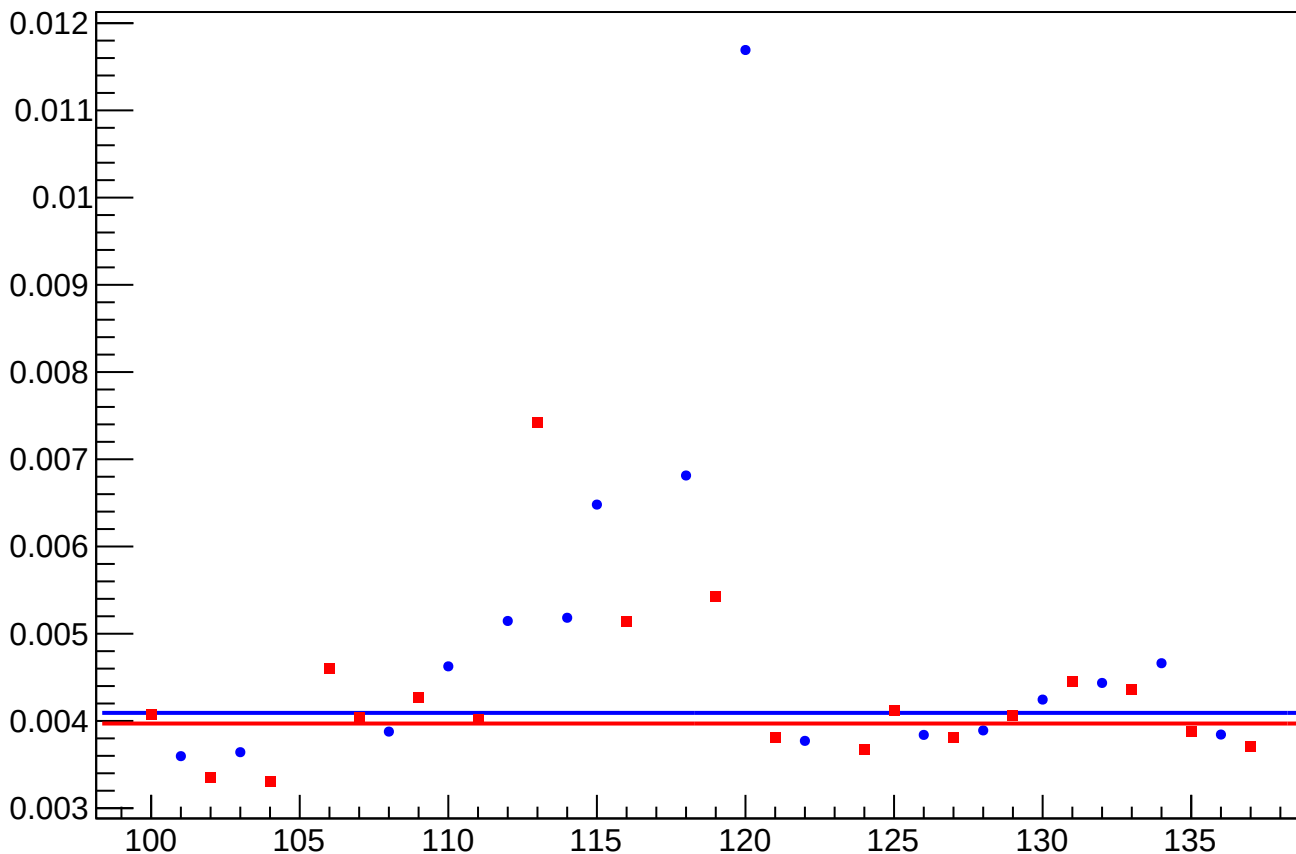
Right: 0.350+/-0.000 χ^2/NDF : 20941665635.5/34

In: 0.362+/-0.000 χ^2/NDF : 8775952187.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.350+/-0.000 χ^2/NDF : 20941665635.5/34

yield_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 491748.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 313701.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

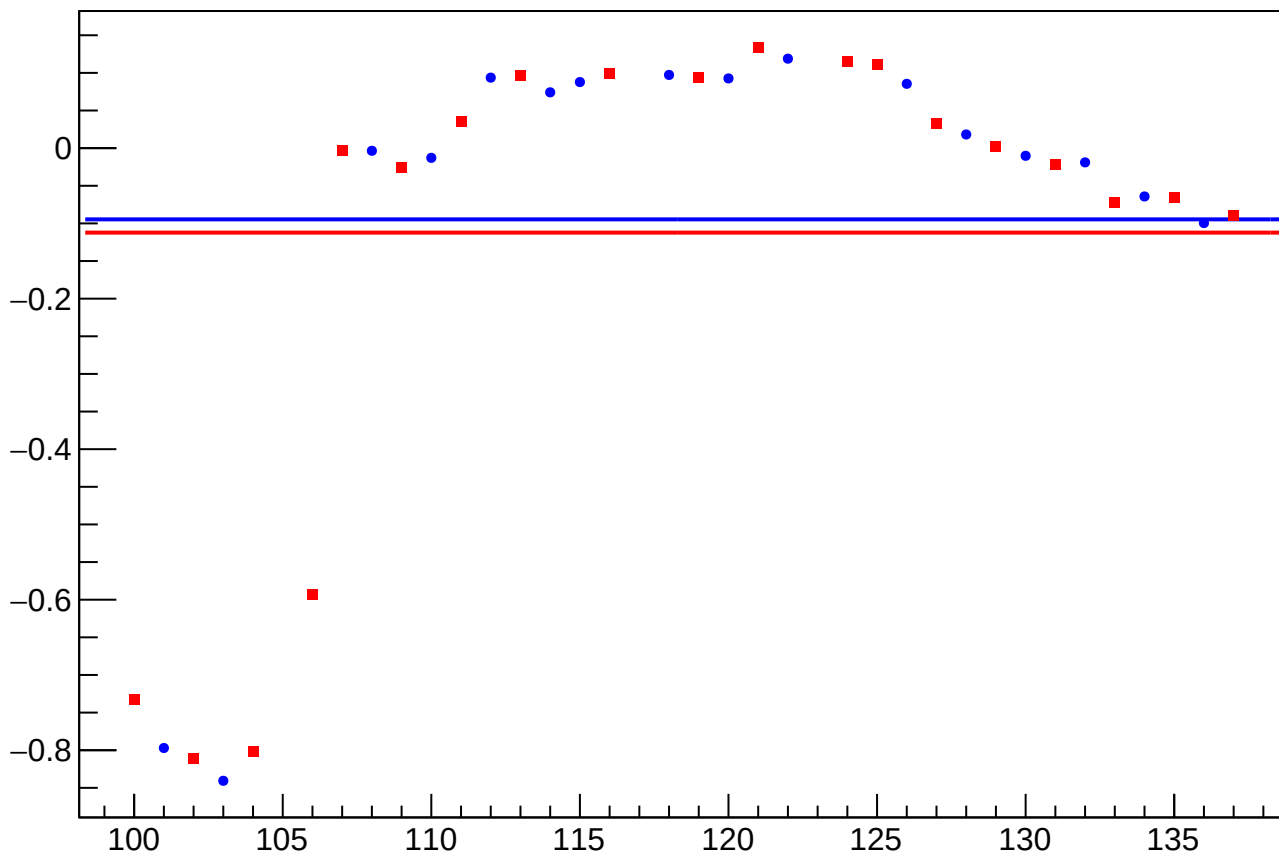
Right: 0.004+/-0.000 χ^2/NDF : 811192.6/34

In: 0.004+/-0.000 χ^2/NDF :491748.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 811192.6/34

yield_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -0.095+/-0.000 χ^2/NDF : 5489721985.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.112+/-0.000 χ^2/NDF : 6190163375.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

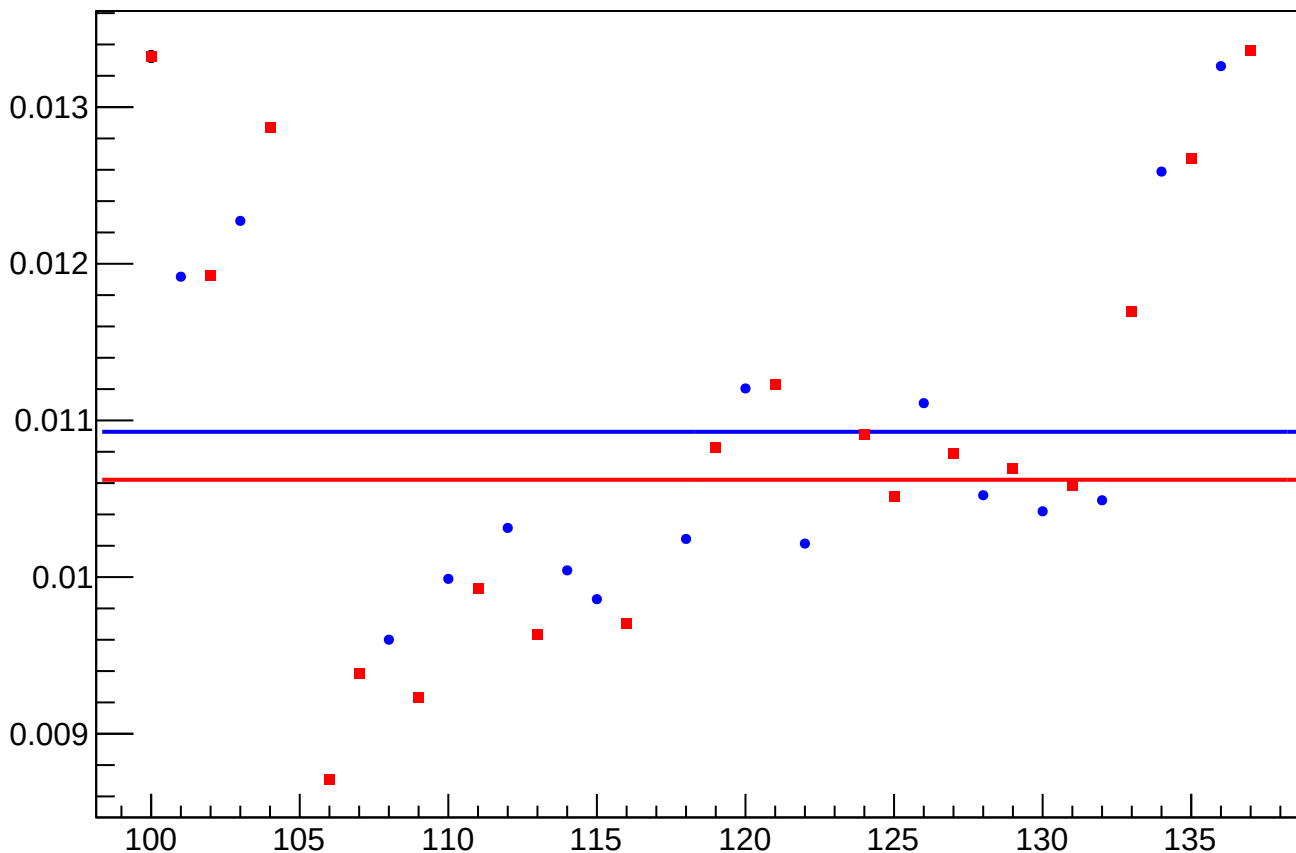
Right: -0.104+/-0.000 χ^2/NDF : 11689577002.2/34

In: -0.095+/-0.000 χ^2/NDF :5489721985.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.104+/-0.000 χ^2/NDF : 11689577002.2/34

yield_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 136478.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 190526.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

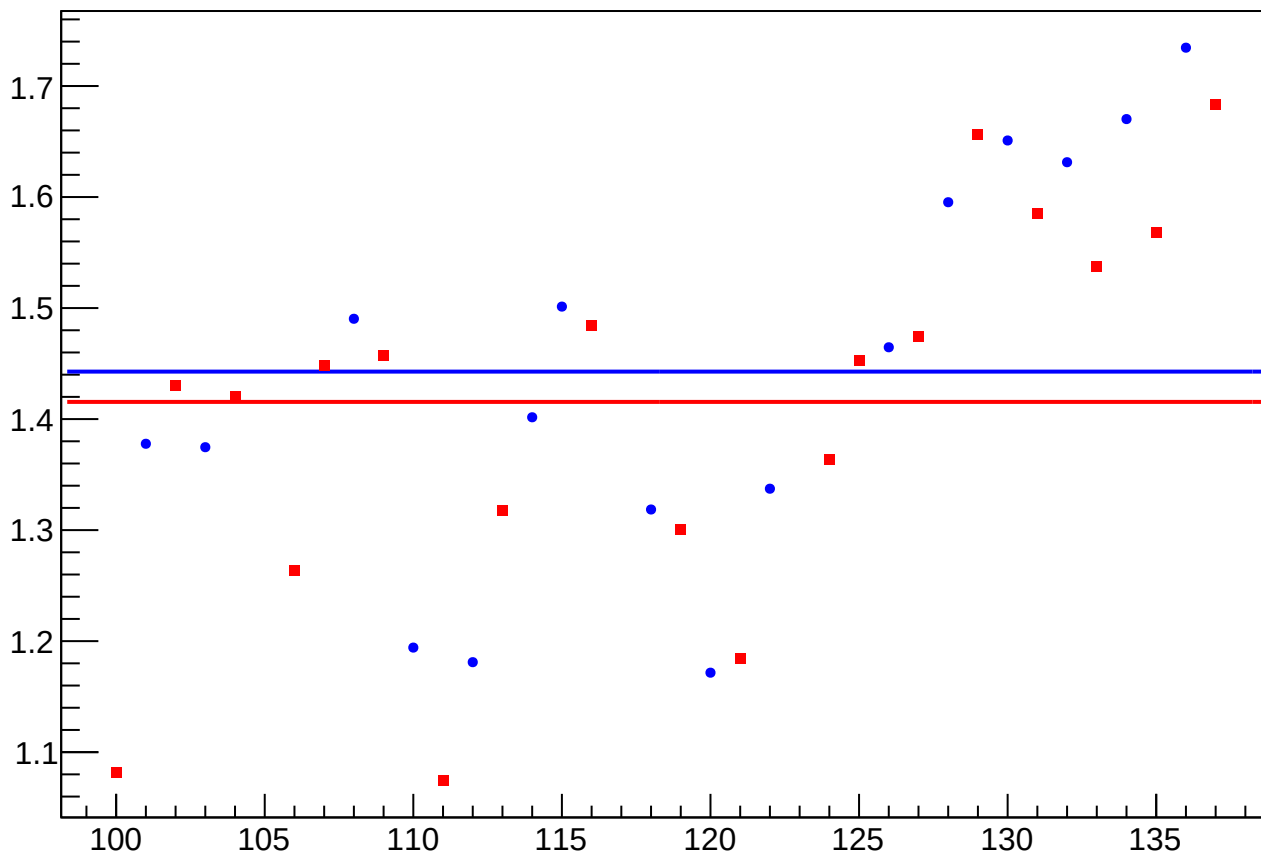
Right: 0.011+/-0.000 χ^2/NDF : 332847.6/34

In: 0.011+/-0.000 χ^2/NDF :136478.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 332847.6/34

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.443+/-0.000 χ^2/NDF : 3739724691.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.415+/-0.000 χ^2/NDF : 2803466123.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

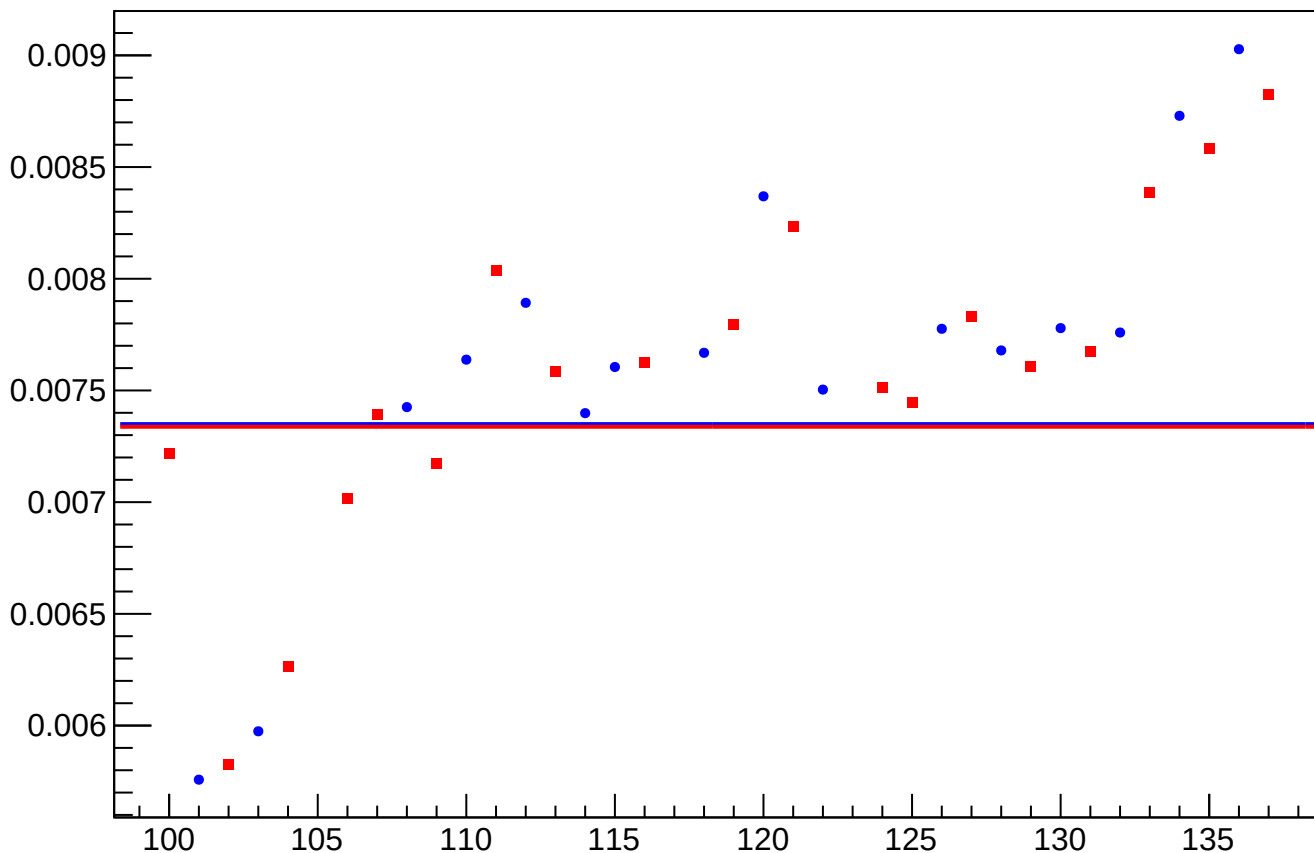
Right: 1.429+/-0.000 χ^2/NDF : 6593016759.0/34

In: 1.443+/-0.000 χ^2/NDF : 3739724691.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.429+/-0.000 χ^2/NDF : 6593016759.0/34

yield_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 270864.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 195372.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

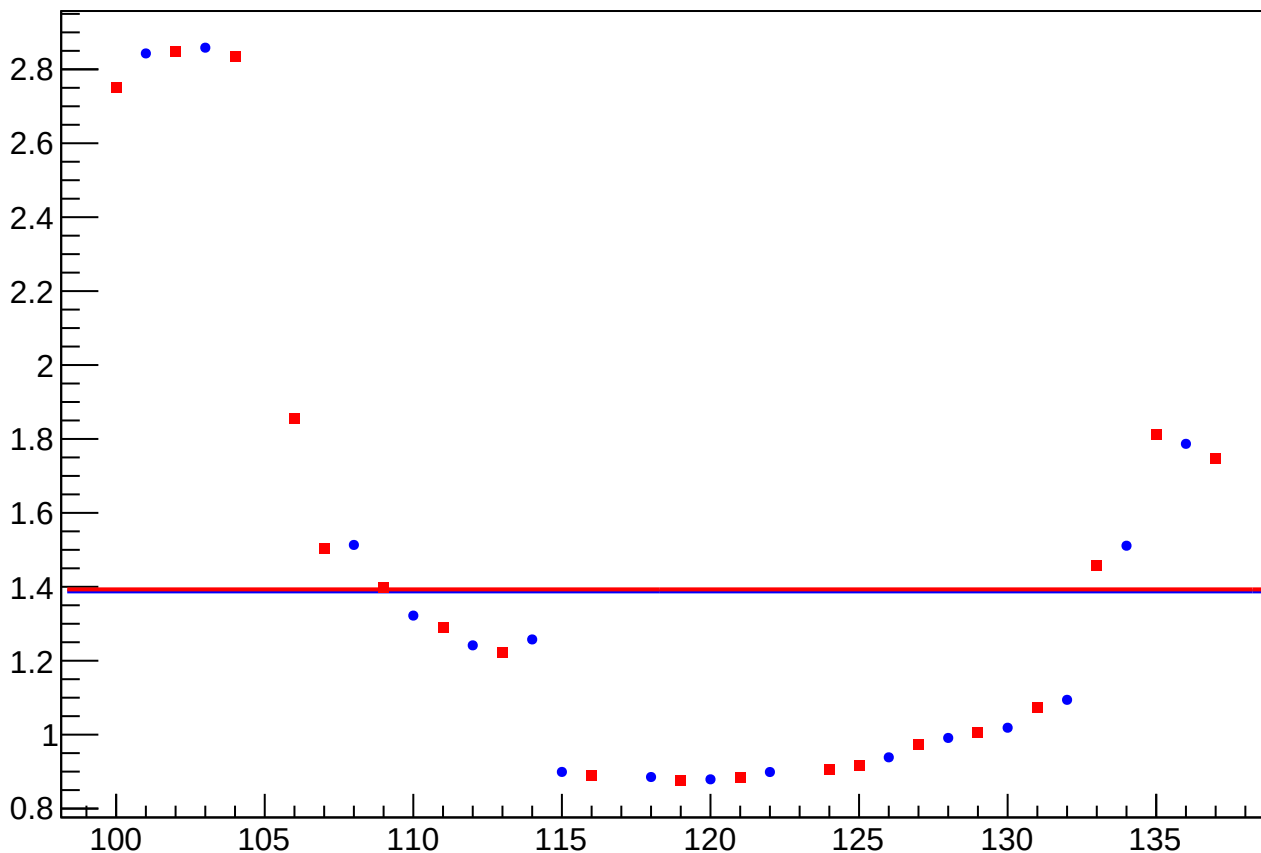
Right: 0.007+/-0.000 χ^2/NDF : 466255.6/34

In: 0.007+/-0.000 χ^2/NDF :270864.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 466255.6/34

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.388+/-0.000 χ^2/NDF : 58612635453.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.393+/-0.000 χ^2/NDF : 55365724659.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

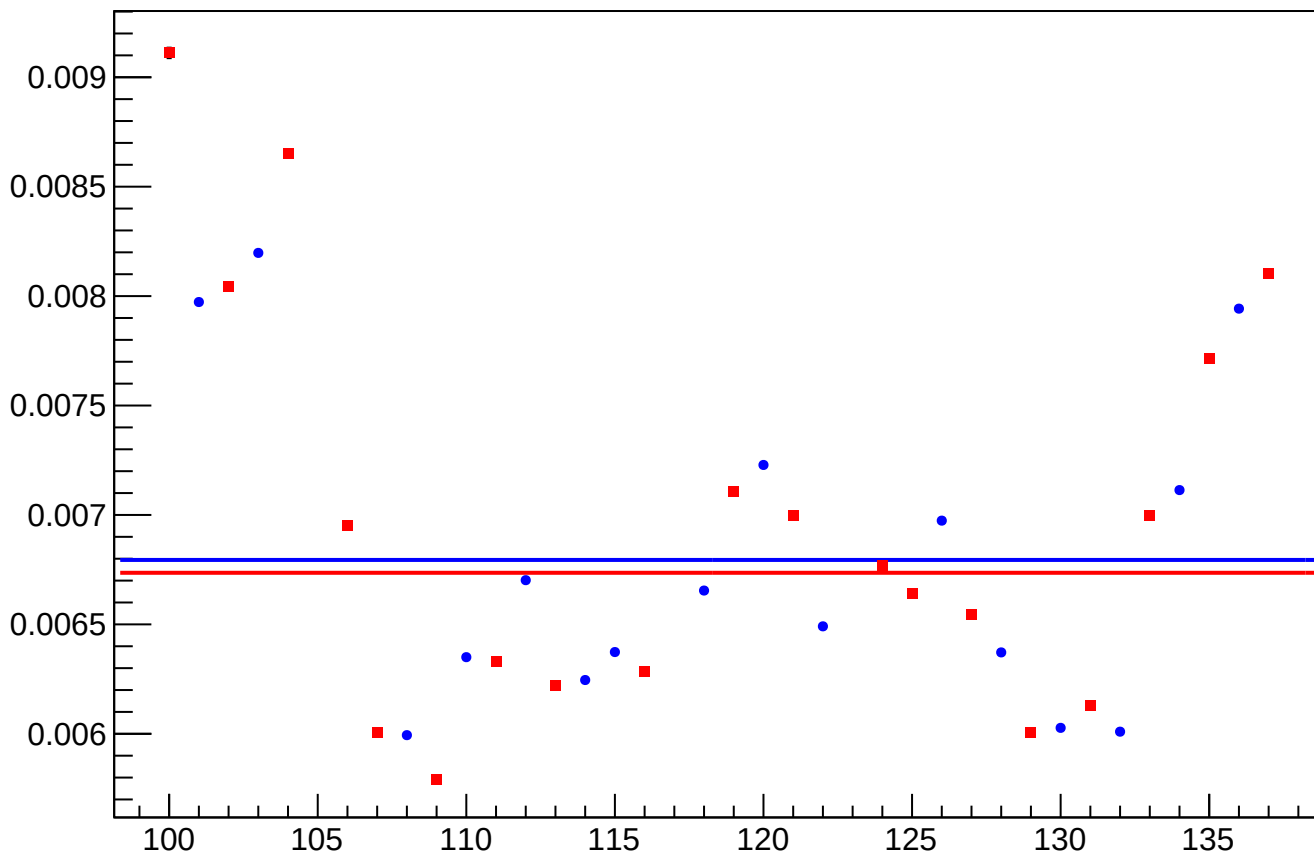
Right: 1.390+/-0.000 χ^2/NDF : 113980694957.7/34

In: 1.388+/-0.000 χ^2/NDF : 58612635453.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.390+/-0.000 χ^2/NDF : 113980694957.7

yield_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 164456.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 198492.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

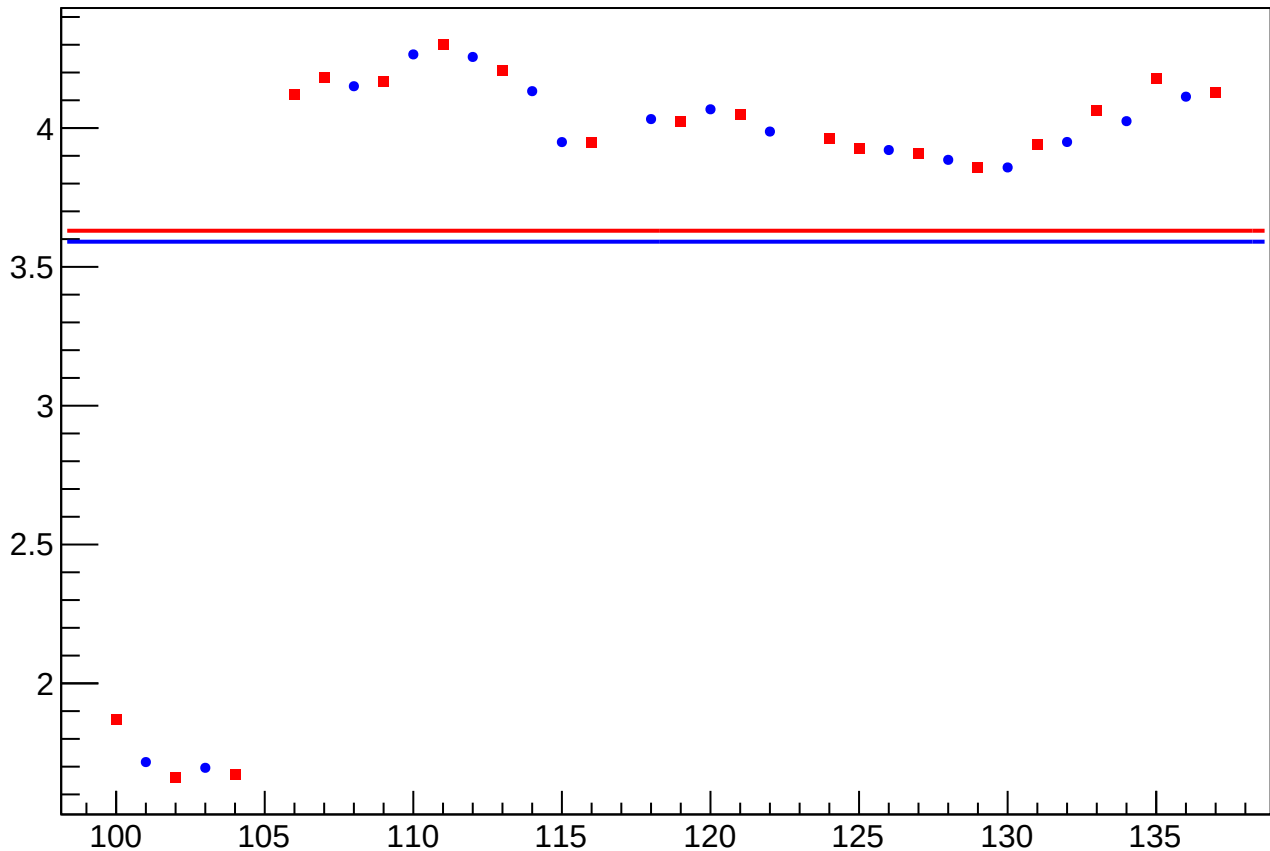
Right: 0.007+/-0.000 χ^2/NDF : 363493.8/34

In: 0.007+/-0.000 χ^2/NDF : 164456.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 363493.8/34

yield_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 3.591+/-0.000 χ^2/NDF : 202184644473.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.630+/-0.000 χ^2/NDF : 212588390342.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

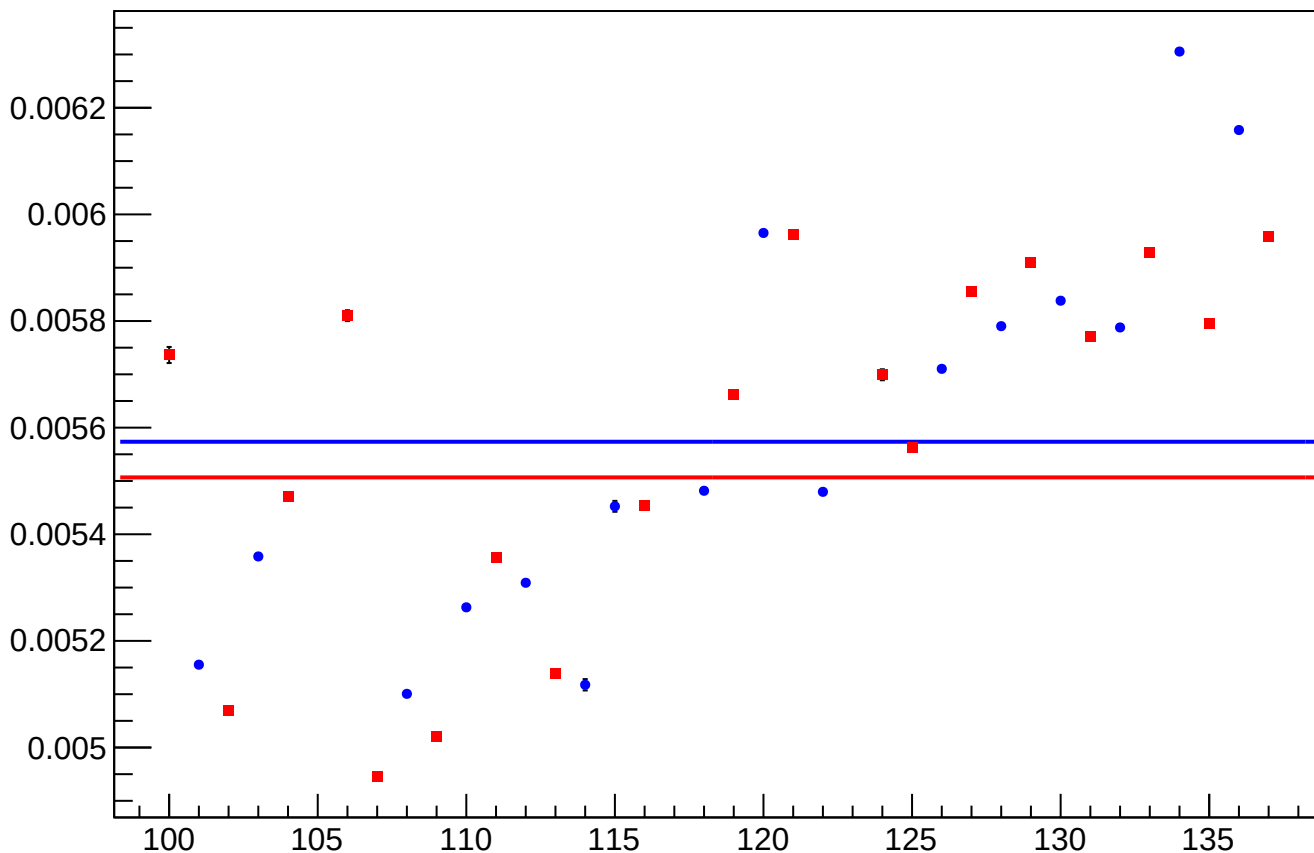
Right: 3.611+/-0.000 χ^2/NDF : 414956393826.7/34

In: 3.591+/-0.000 χ^2/NDF : 202184644473.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.611+/-0.000 χ^2/NDF : 414956393826.7

yield_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 59130.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 57427.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

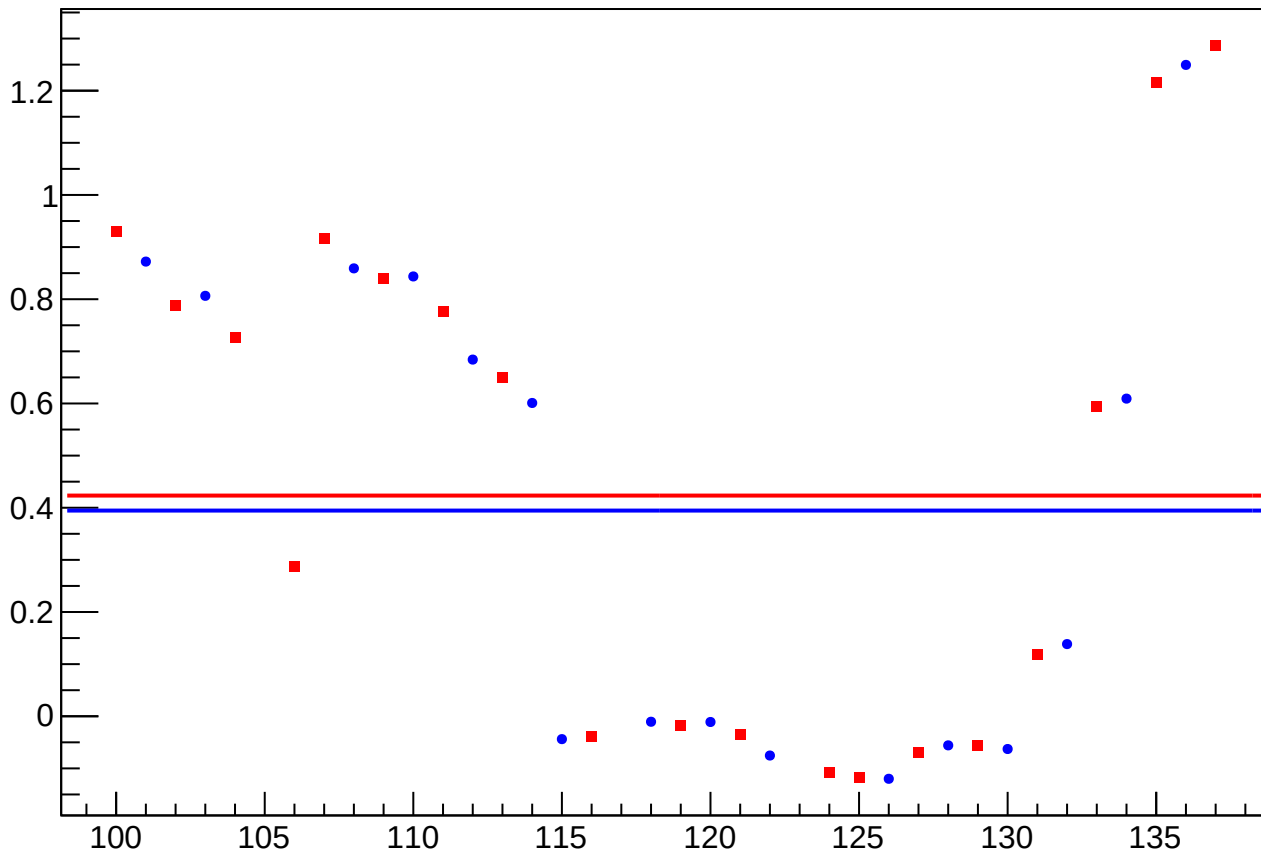
Right: 0.006+/-0.000 χ^2/NDF : 117612.2/34

In: 0.006+/-0.000 χ^2/NDF :59130.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 117612.2/34

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.395+/-0.000

χ^2/NDF : 7412548044.8/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.409+/-0.000 χ^2/NDF : 14330729641.2/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.395+/-0.000 χ^2/NDF : 7412548044.8/15

Right Out: 0.423+/-0.000 χ^2/NDF : 6904060515.1/18

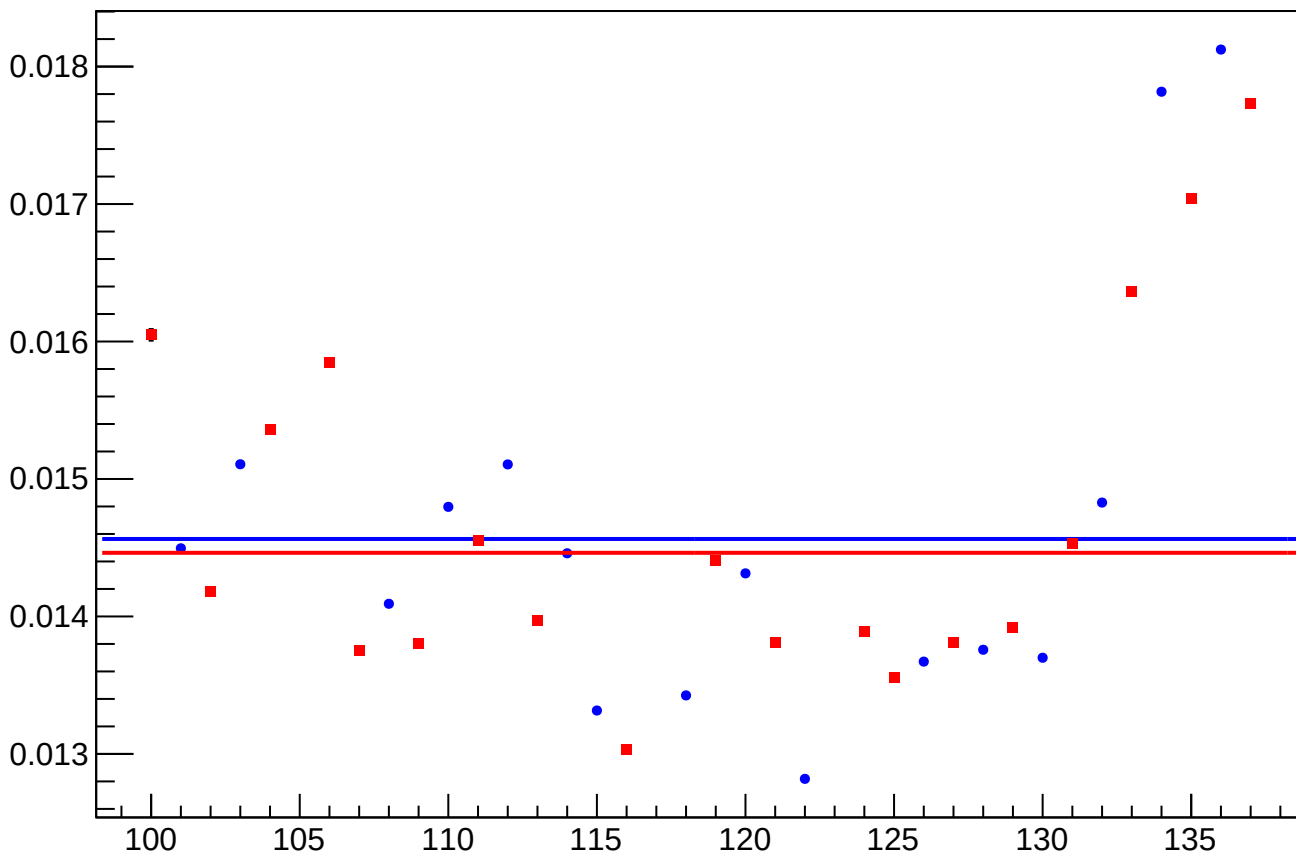
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.409+/-0.000 χ^2/NDF : 14330729641.2/34

yield_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 0.015+/-0.000 χ^2/NDF : 133134.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 77396.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

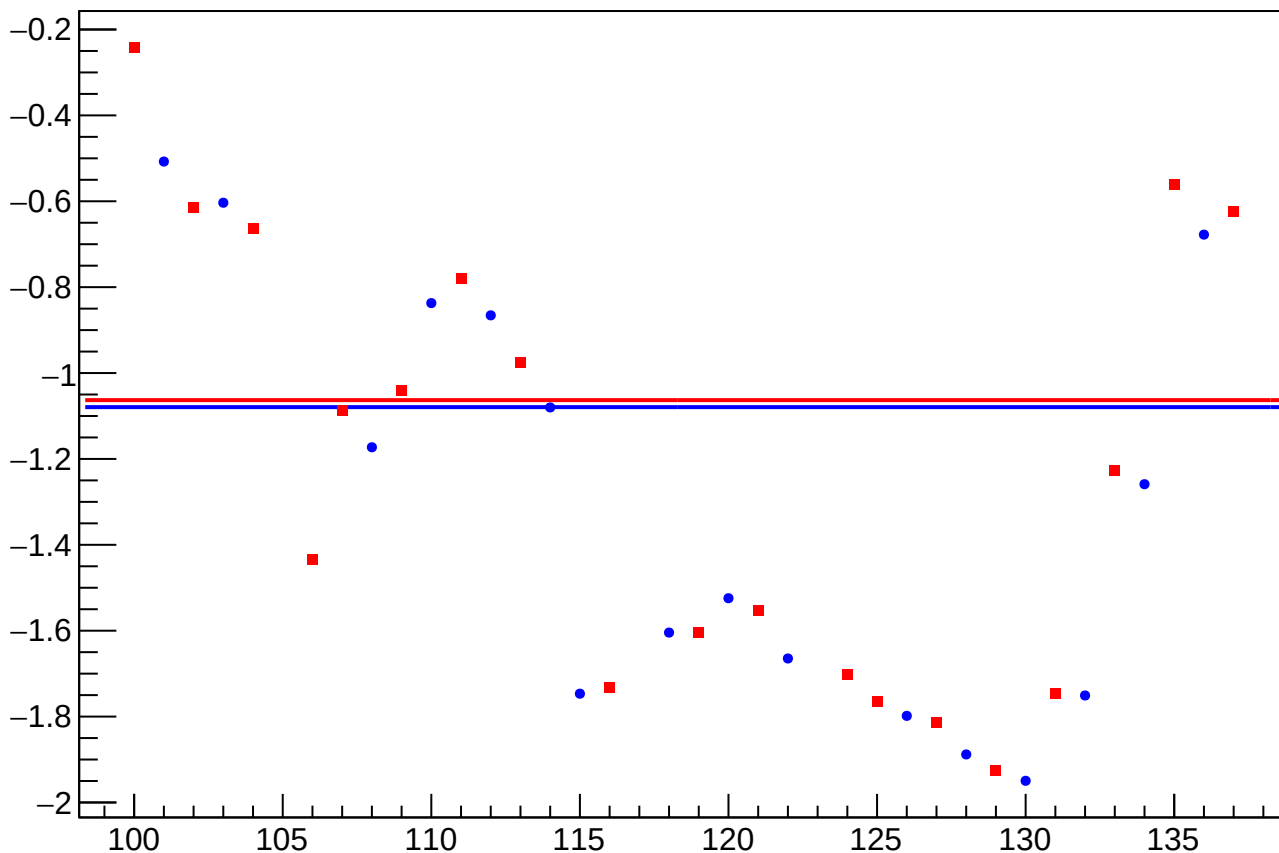
Right: 0.015+/-0.000 χ^2/NDF : 210877.4/34

In: 0.015+/-0.000 χ^2/NDF : 133134.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 210877.4/34

yield_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: -1.079+/-0.000 χ^2/NDF : 59756571764.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.063+/-0.000 χ^2/NDF : 49910403943.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

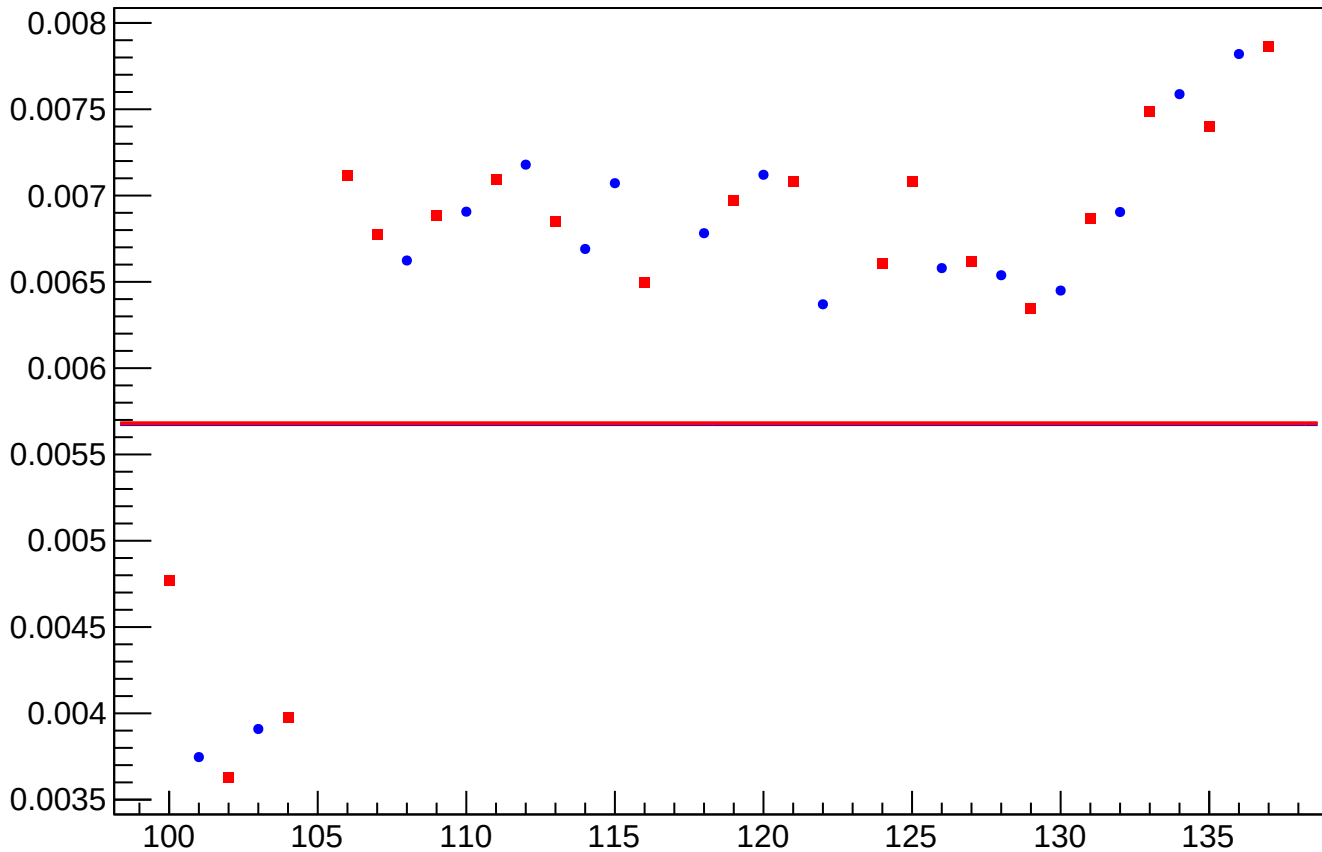
Right: -1.071+/-0.000 χ^2/NDF : 109693375141.4/34

In: -1.079+/-0.000 χ^2/NDF :59756571764.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.071+/-0.000 χ^2/NDF : 109693375141.4

yield_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 944822.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 980583.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

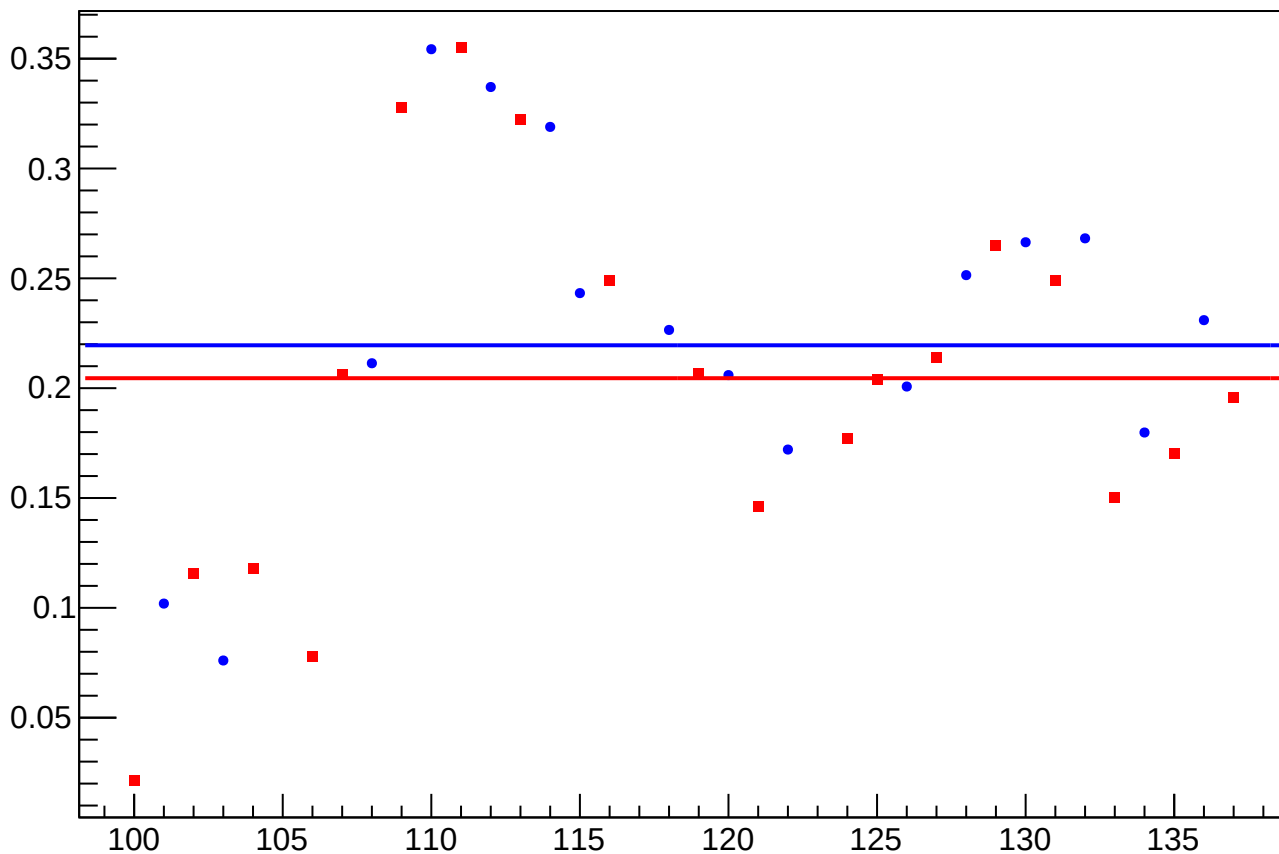
Right: 0.006+/-0.000 χ^2/NDF : 1925411.0/34

In: 0.006+/-0.000 χ^2/NDF : 944822.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1925411.0/34

yield_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 0.220+/-0.000

χ^2/NDF : 16729743257.8/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.212+/-0.000 χ^2/NDF : 39451425816.8/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.220+/-0.000 χ^2/NDF : 16729743257.8/15

Right Out: 0.205+/-0.000

χ^2/NDF : 22312377506.1/18

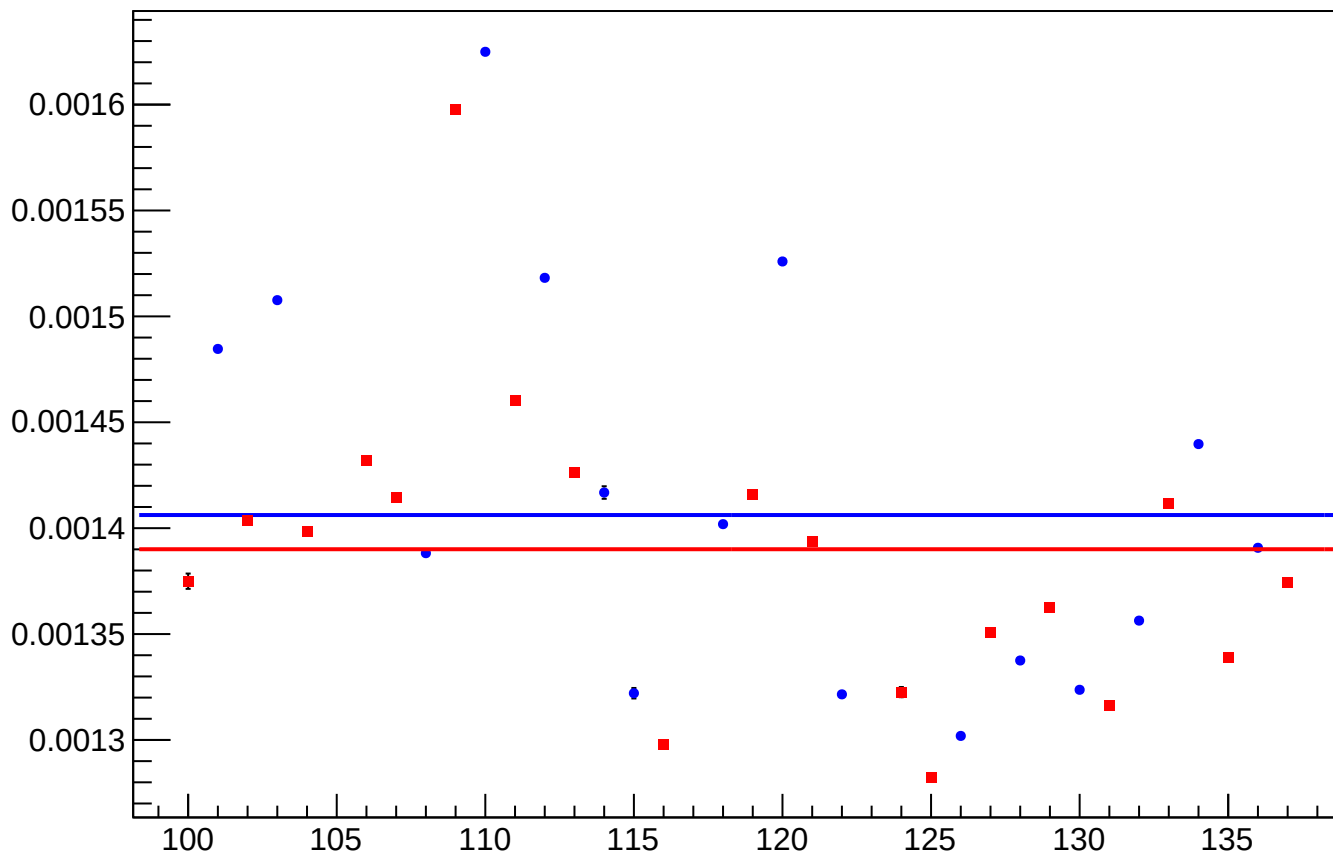
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.212+/-0.000 χ^2/NDF : 39451425816.8/34

yield_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 48200.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 34786.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

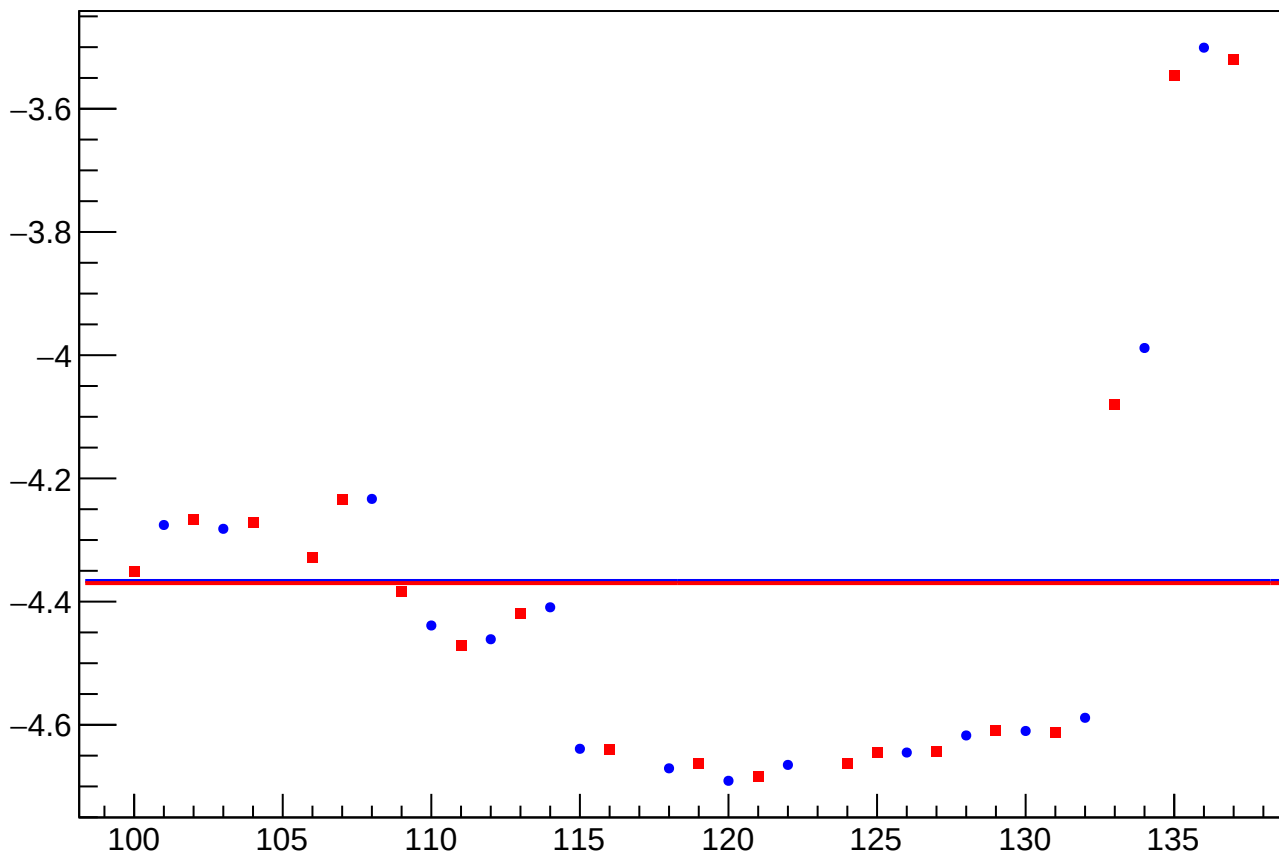
Right: 0.001+/-0.000 χ^2/NDF : 83938.6/34

In: 0.001+/-0.000 χ^2/NDF :48200.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

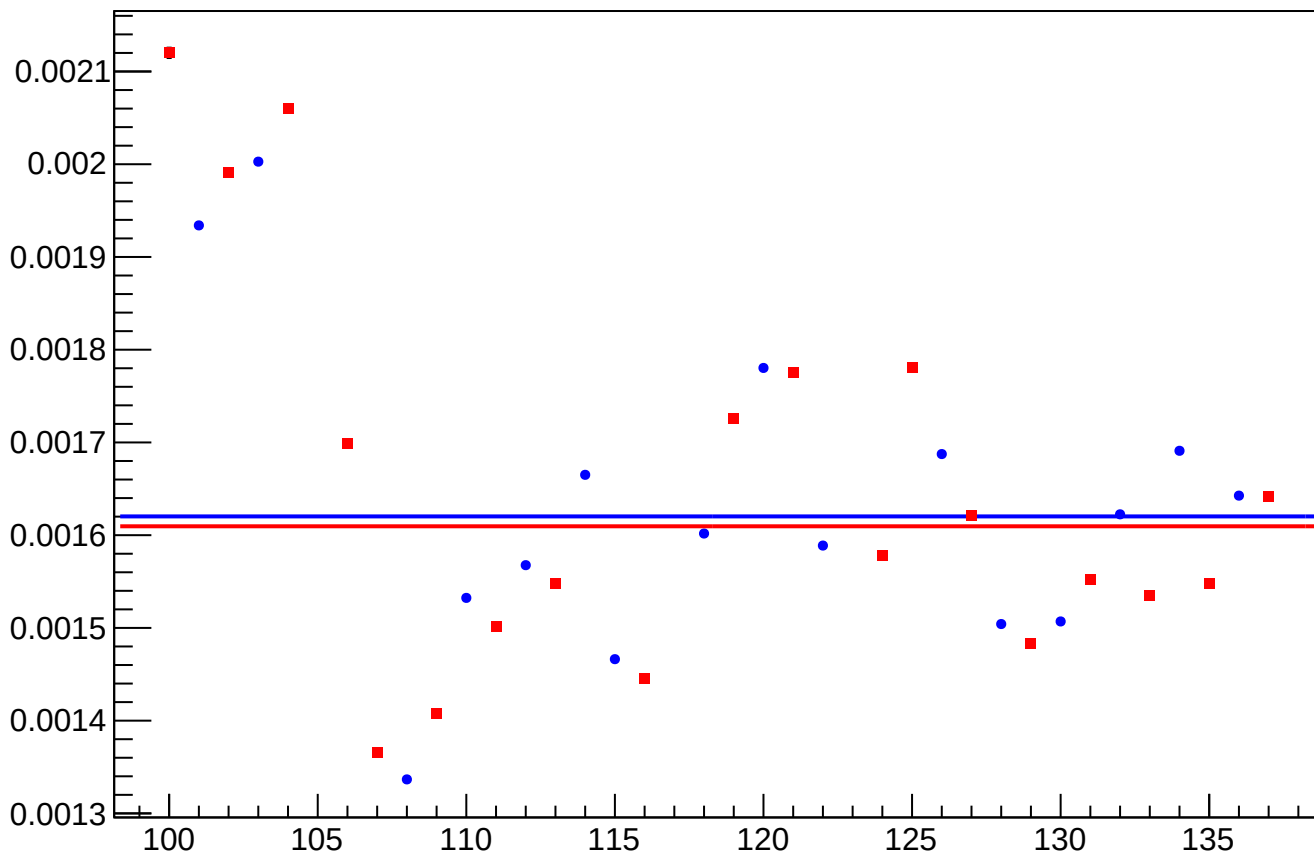
All: 0.001+/-0.000 χ^2/NDF : 83938.6/34

yield_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: -4.367+/-0.000 χ^2/NDF : 353013303743.6/15
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -4.370+/-0.000 χ^2/NDF : 296136368274.3/18
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -4.368+/-0.000 χ^2/NDF : 649165512283.3/34
 In: -4.367+/-0.000 χ^2/NDF :353013303743.6/15
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -4.368+/-0.000 χ^2/NDF : 649165512283.3

yield_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 140216.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 184968.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

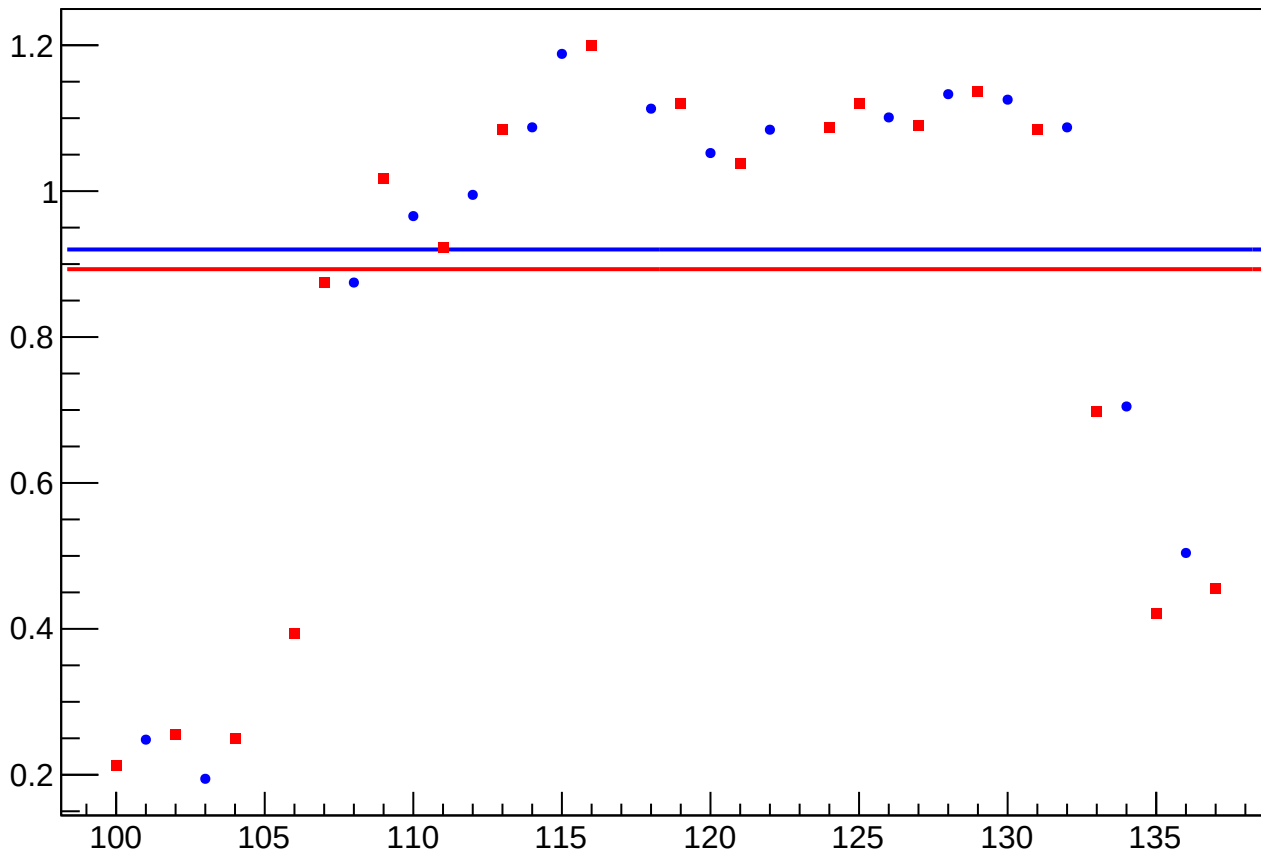
Right: 0.002+/-0.000 χ^2/NDF : 325489.2/34

In: 0.002+/-0.000 χ^2/NDF :140216.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

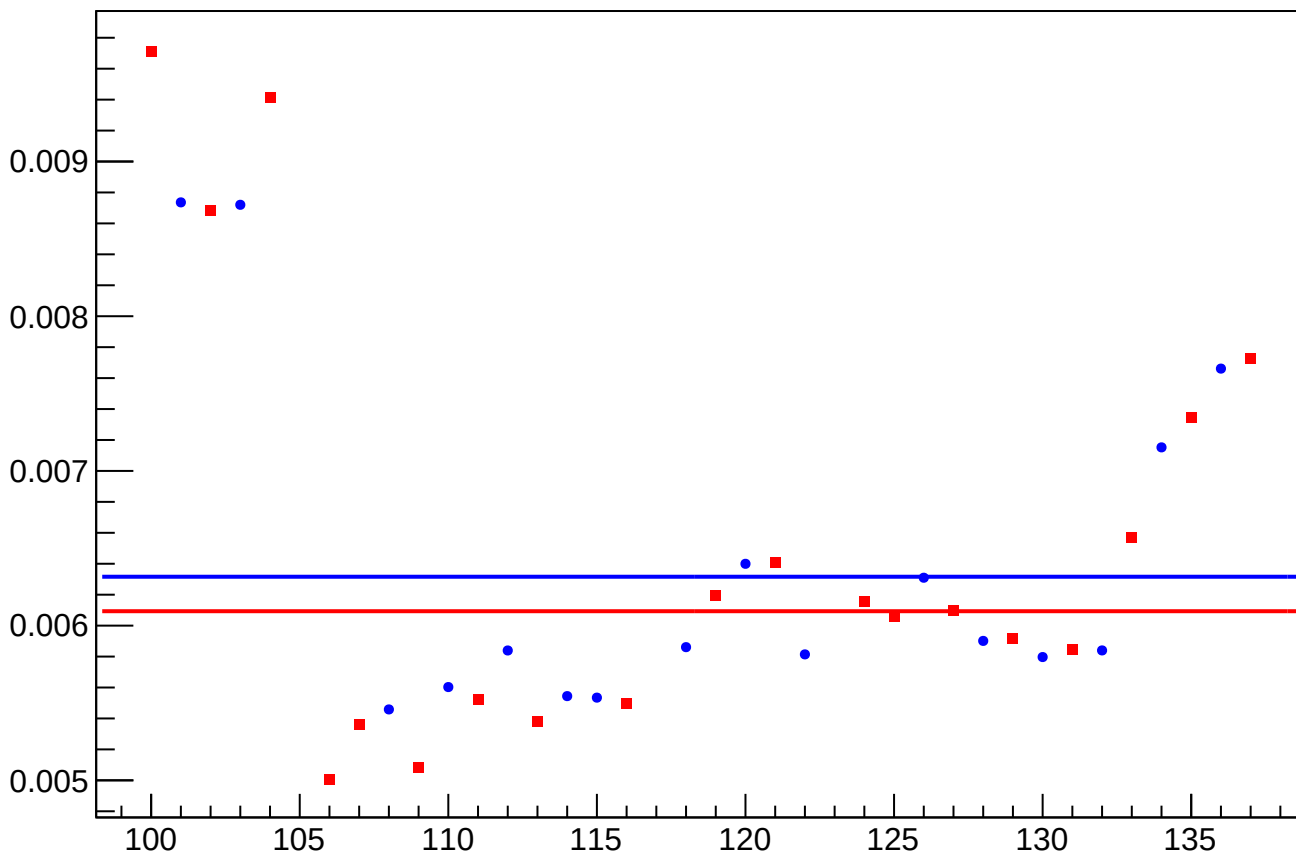
All: 0.002+/-0.000 χ^2/NDF : 325489.2/34

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.920+/-0.000 χ^2/NDF : 14566431727.4/15
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 0.893+/-0.000 χ^2/NDF : 17642154019.1/18
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 0.906+/-0.000 χ^2/NDF : 32276058175.7/34

yield_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 335709.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 435933.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

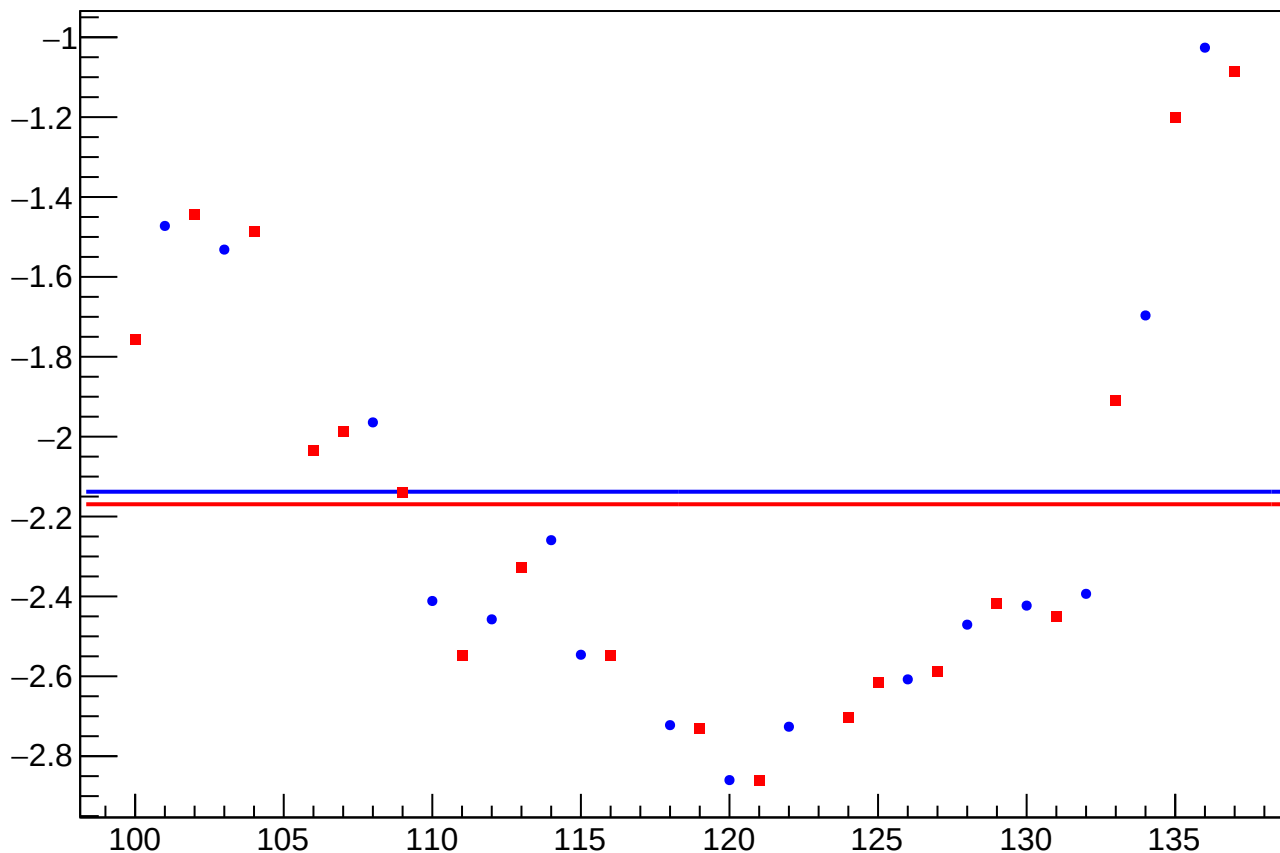
Right: 0.006+/-0.000 χ^2/NDF : 780835.2/34

In: 0.006+/-0.000 χ^2/NDF :335709.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 780835.2/34

yield_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -2.138+/-0.000 χ^2/NDF : 65666622158.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.169+/-0.000 χ^2/NDF : 57409196879.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

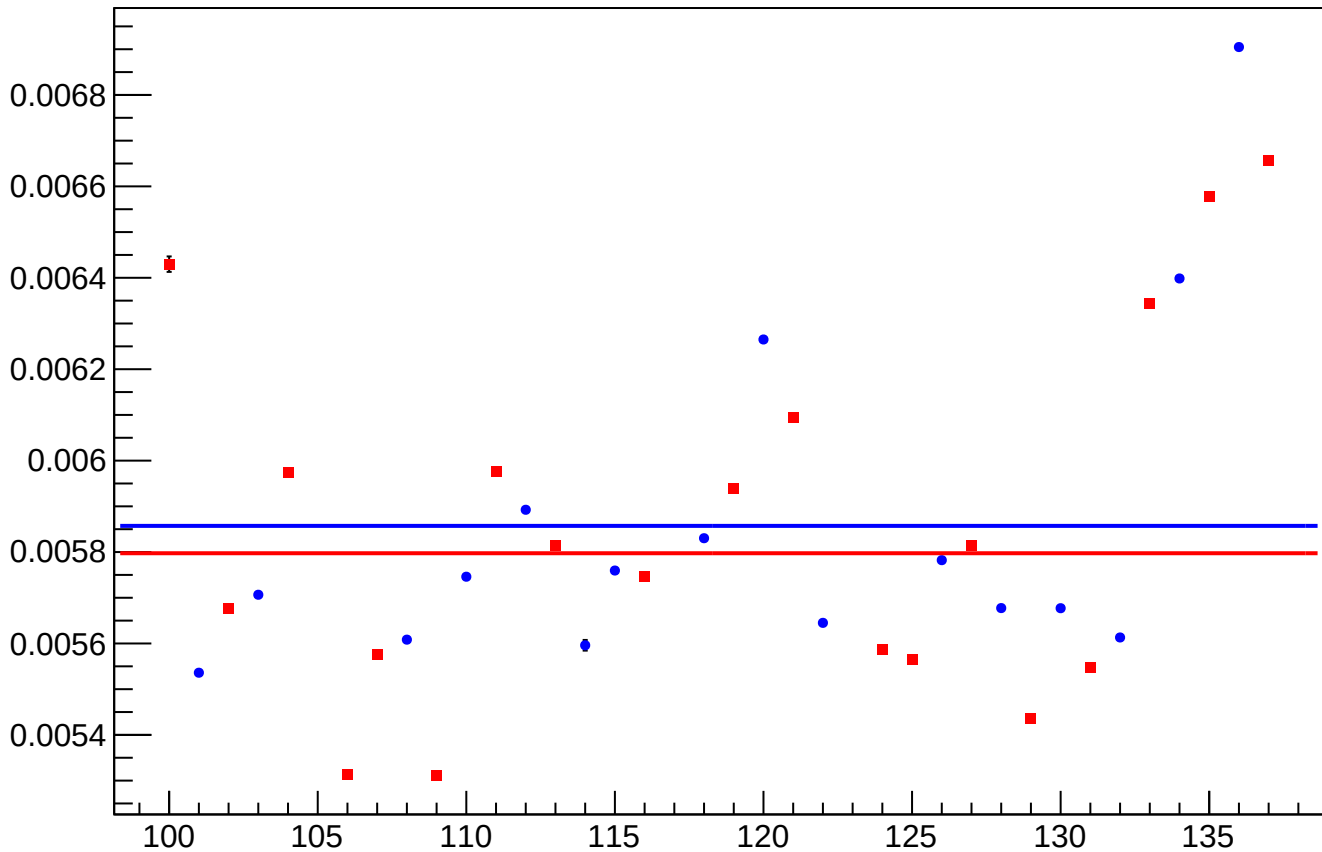
Right: -2.154+/-0.000 χ^2/NDF : 123181980201.2/34

In: -2.138+/-0.000 χ^2/NDF :65666622158.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.154+/-0.000 χ^2/NDF : 123181980201.2

yield_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 61946.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 56374.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

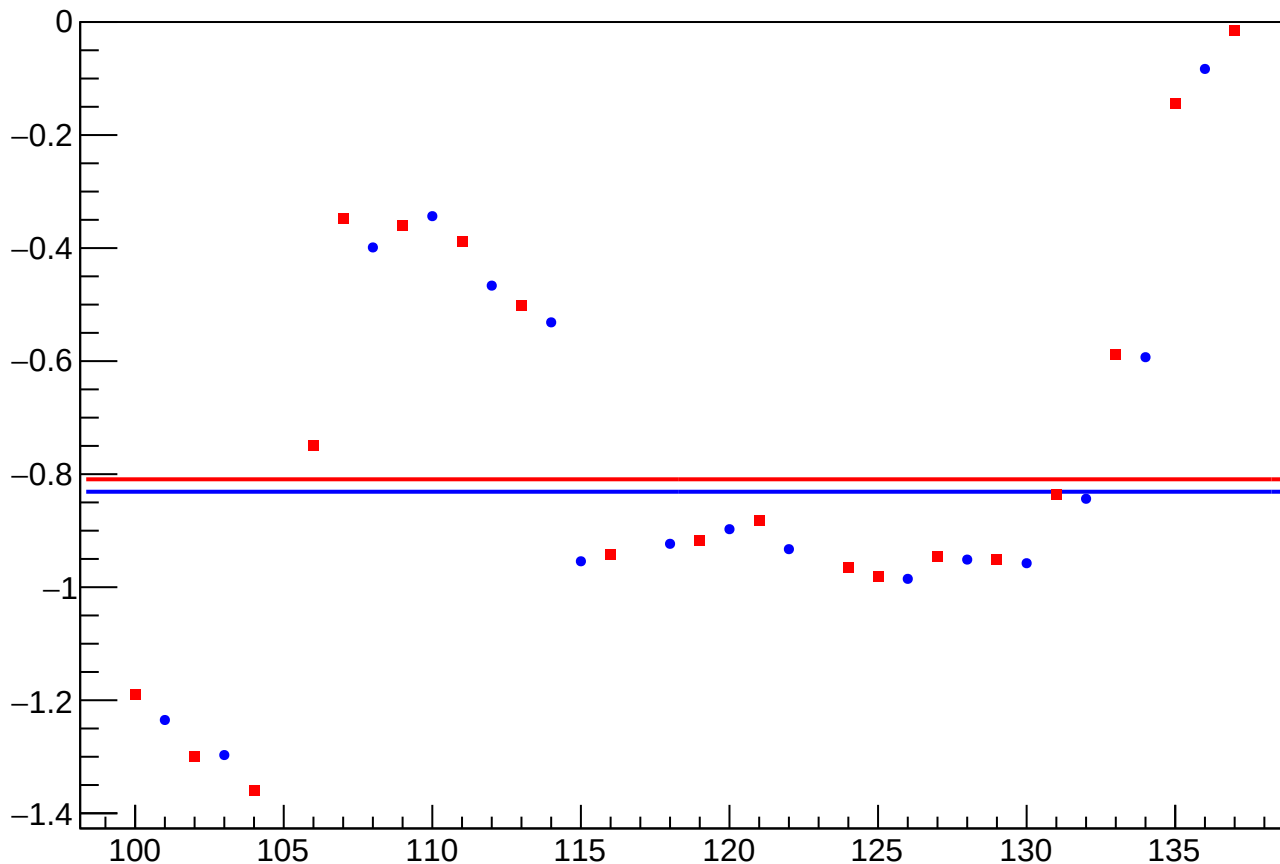
Right: 0.006+/-0.000 χ^2/NDF : 119093.4/34

In: 0.006+/-0.000 χ^2/NDF :61946.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 119093.4/34

yield_bpm0i01X_mean vs Slug, Sign Corrected



Right In: -0.831+/-0.000 χ^2/NDF : 7112259663.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.809+/-0.000 χ^2/NDF : 8146337898.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

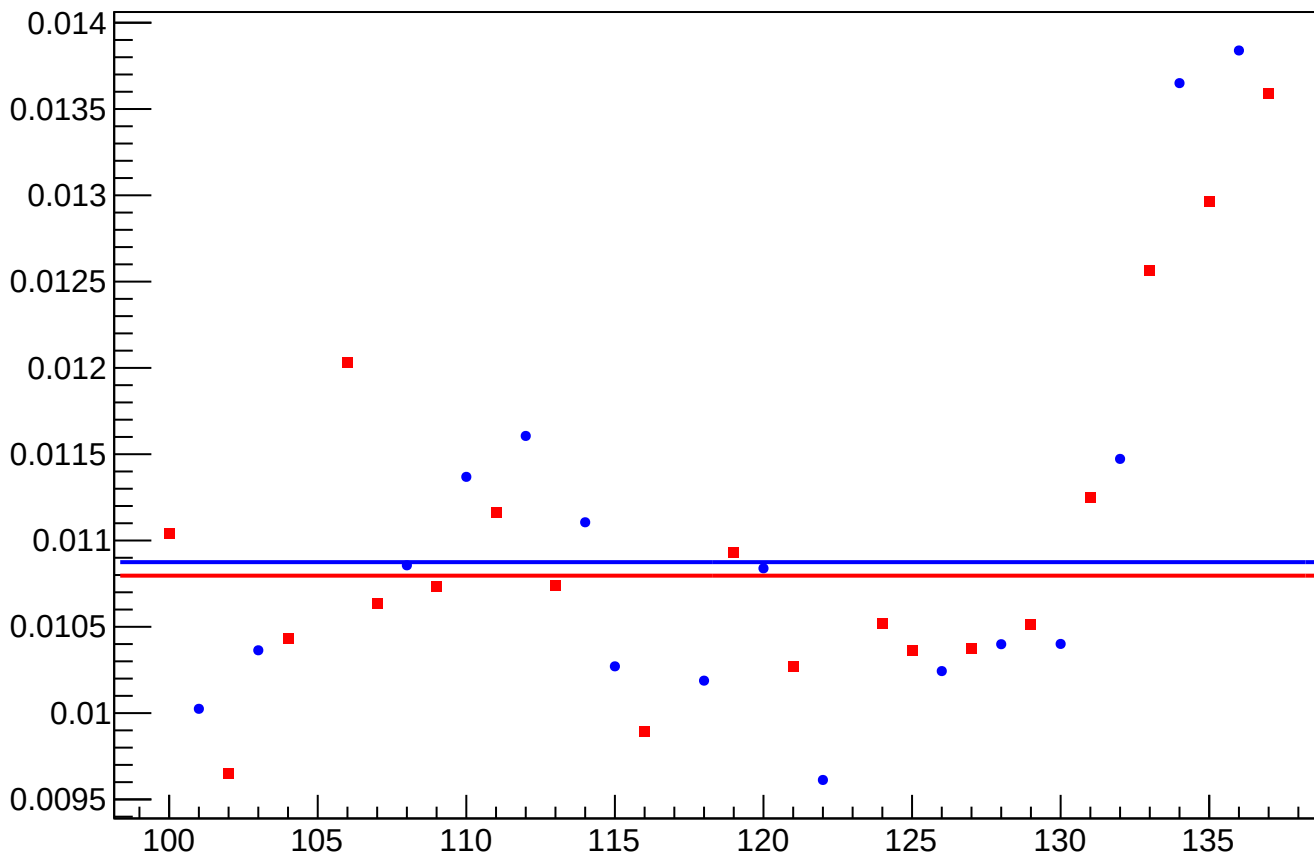
Right: -0.820+/-0.000 χ^2/NDF : 15273298764.6/34

In: -0.831+/-0.000 χ^2/NDF : 7112259663.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.820+/-0.000 χ^2/NDF : 15273298764.6/34

yield_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 157612.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 99122.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

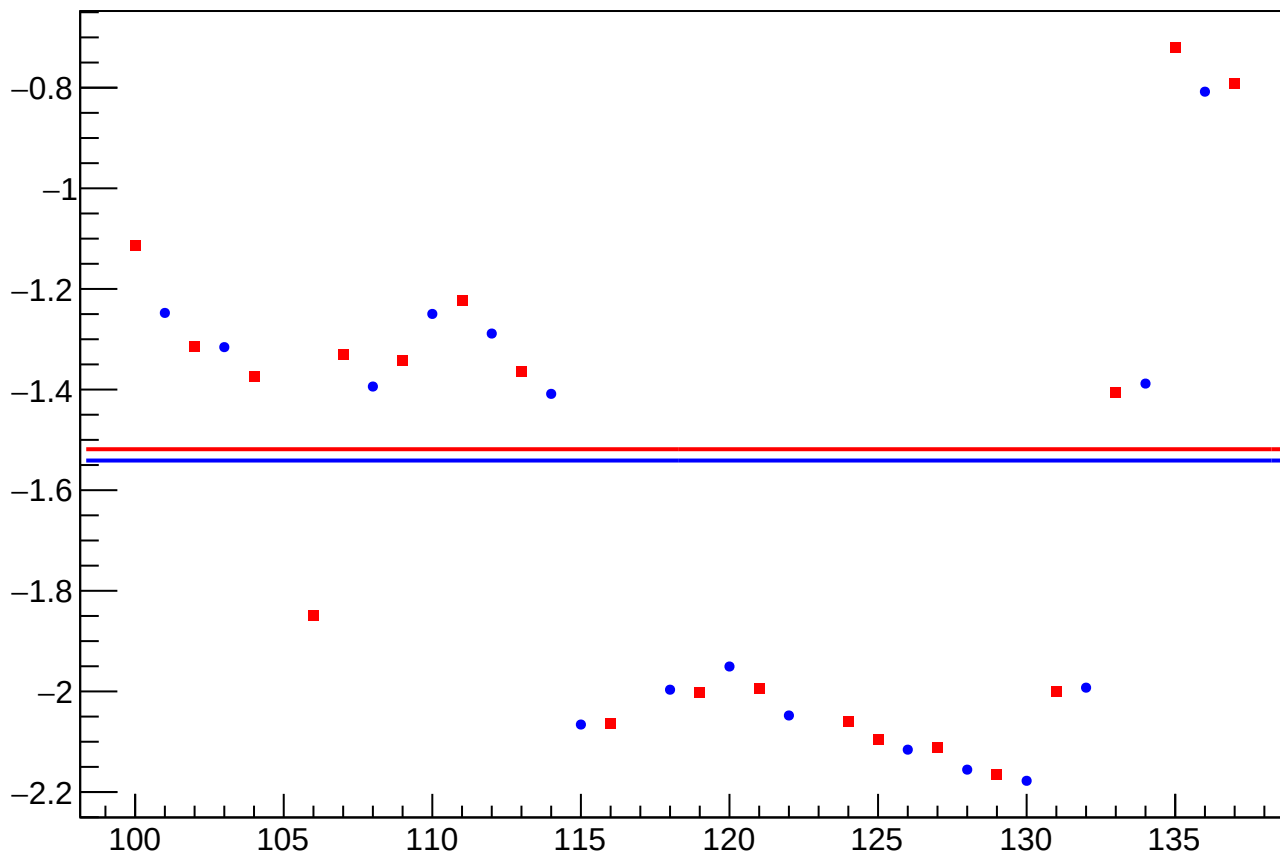
Right: 0.011+/-0.000 χ^2/NDF : 257107.2/34

In: 0.011+/-0.000 χ^2/NDF :157612.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 257107.2/34

yield_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: -1.541+/-0.000 χ^2/NDF : 162409397922.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.519+/-0.000 χ^2/NDF : 145077318641.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

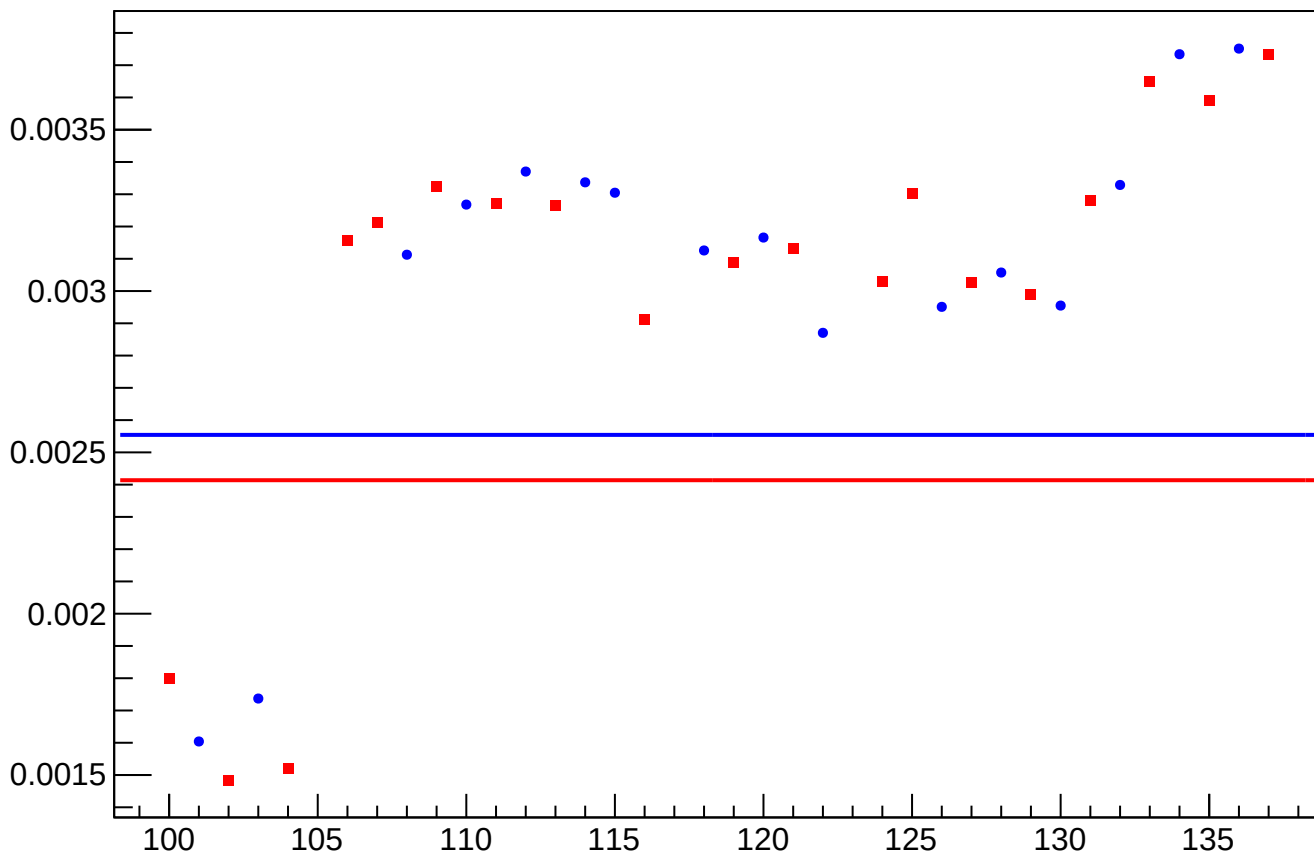
Right: -1.529+/-0.000 χ^2/NDF : 307732116783.0/34

In: -1.541+/-0.000 χ^2/NDF :162409397922.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.529+/-0.000 χ^2/NDF : 307732116783.0

yield_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 1172434.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 1546830.8/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 2738423.5/34

In: 0.003+/-0.000

χ^2/NDF : 1172434.9/15

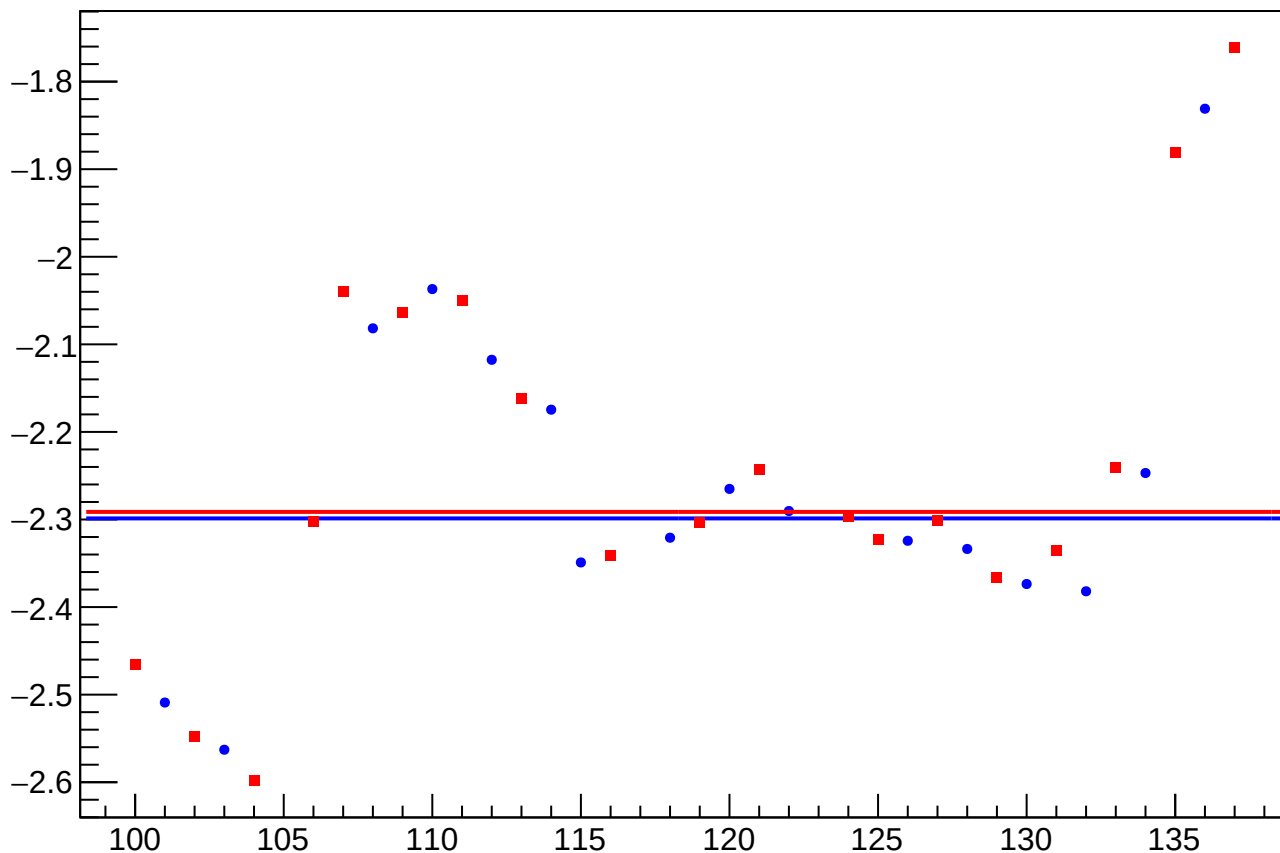
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 2738423.5/34

yield_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: -2.299+/-0.000 χ^2/NDF : 6129071089.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.291+/-0.000 χ^2/NDF : 6831007568.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

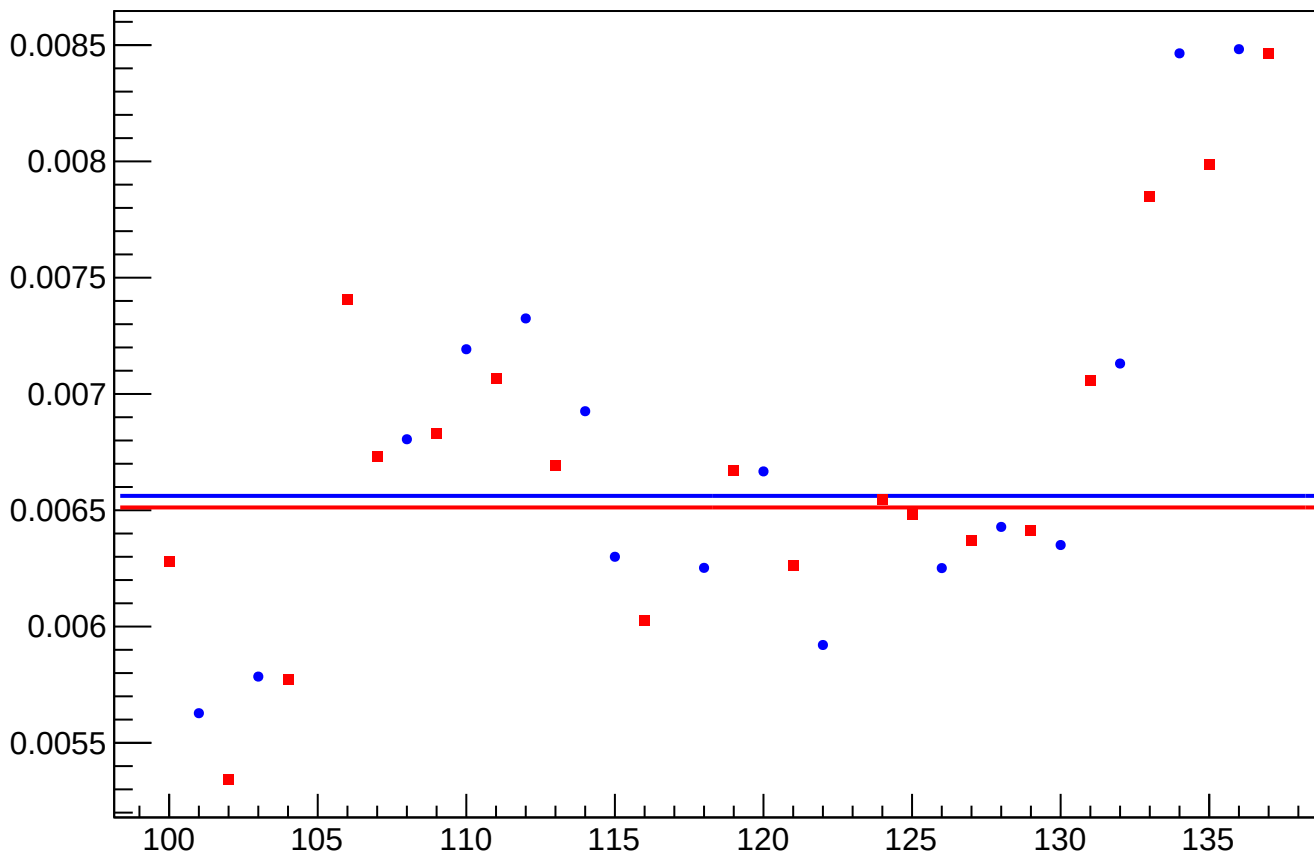
Right: -2.295+/-0.000 χ^2/NDF : 12964639512.9/34

In: -2.299+/-0.000 χ^2/NDF : 6129071089.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.295+/-0.000 χ^2/NDF : 12964639512.9/34

yield_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 221890.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 184961.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

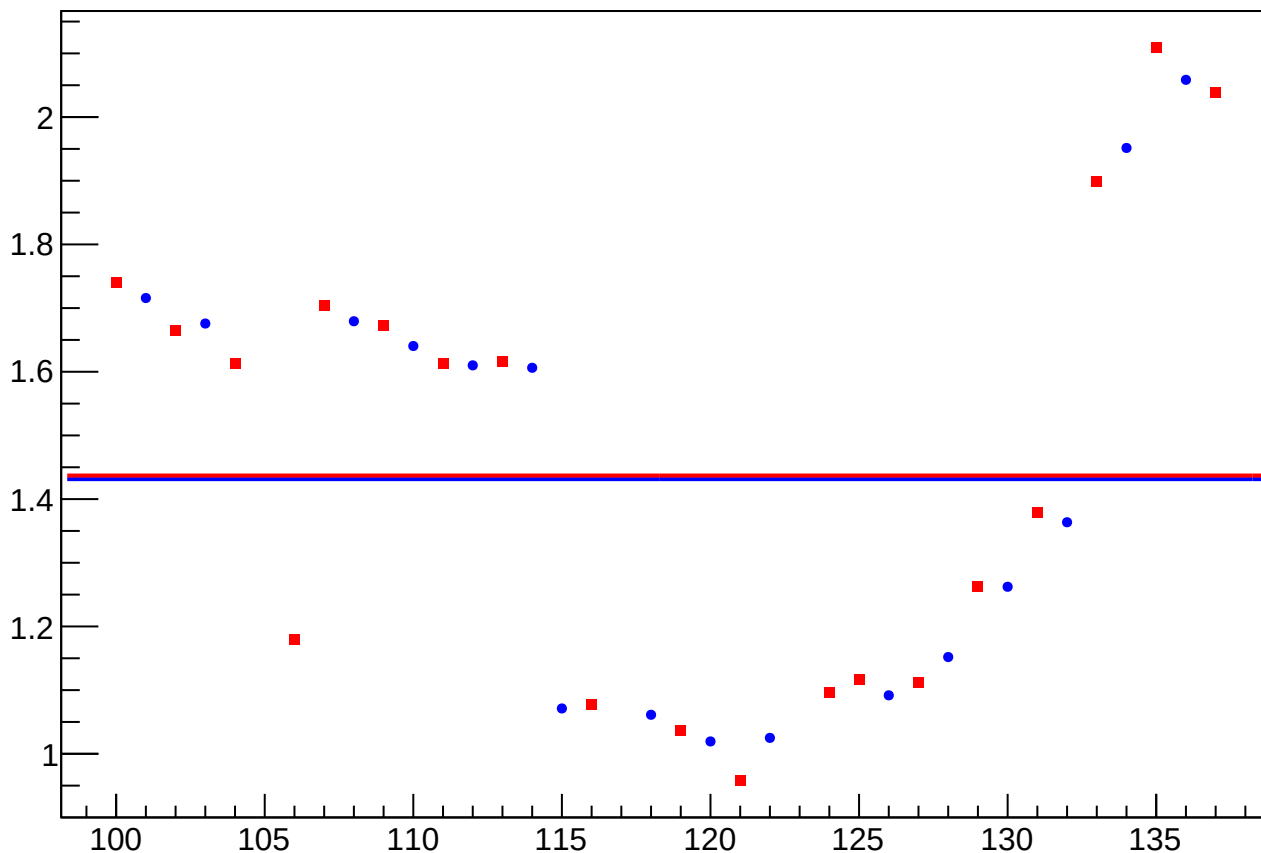
Right: 0.007+/-0.000 χ^2/NDF : 407258.0/34

In: 0.007+/-0.000 χ^2/NDF :221890.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 407258.0/34

yield_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 1.431+/-0.000 χ^2/NDF : 189180734956.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.437+/-0.000 χ^2/NDF : 182019221175.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

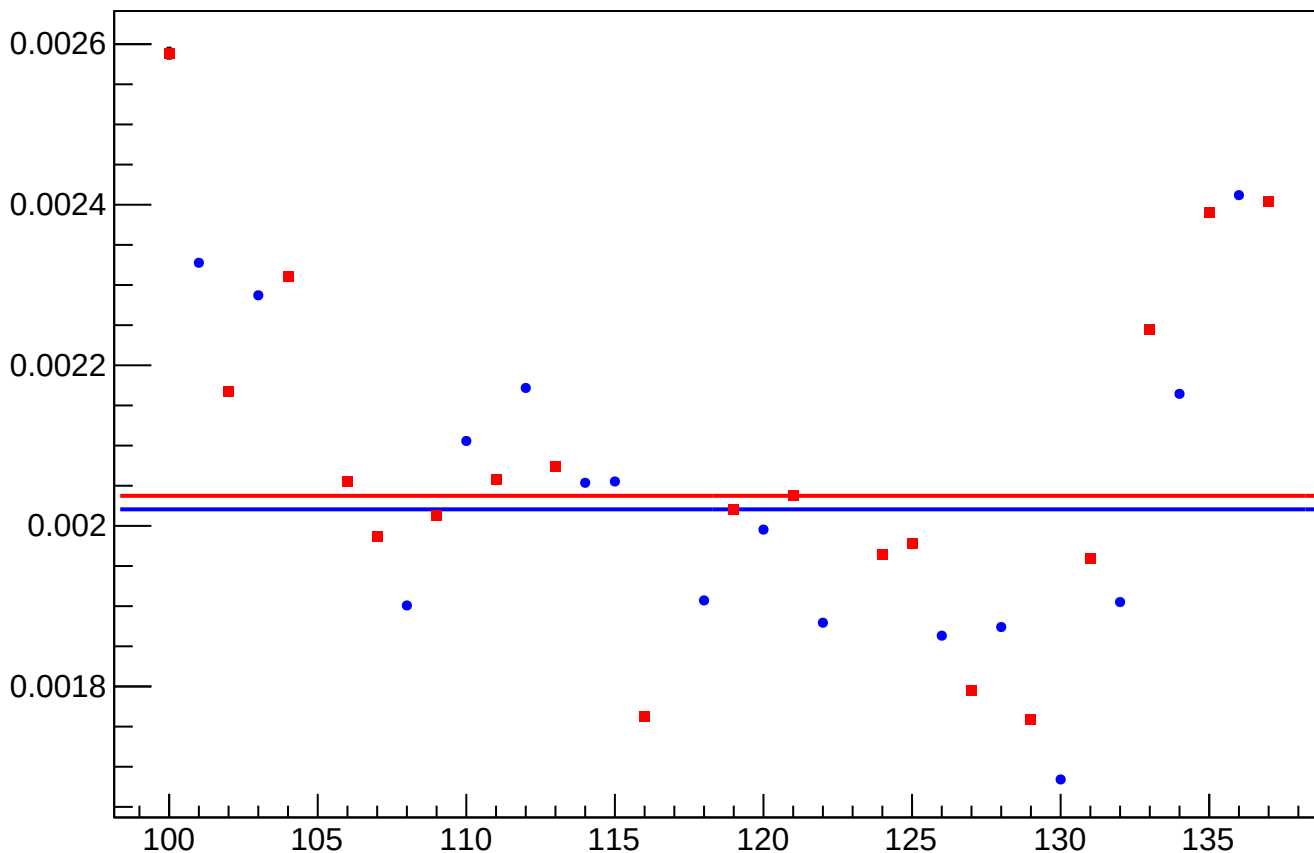
Right: 1.434+/-0.000 χ^2/NDF : 371226177704.8/34

In: 1.431+/-0.000 χ^2/NDF : 189180734956.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.434+/-0.000 χ^2/NDF : 371226177704.8

yield_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 154923.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 113640.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

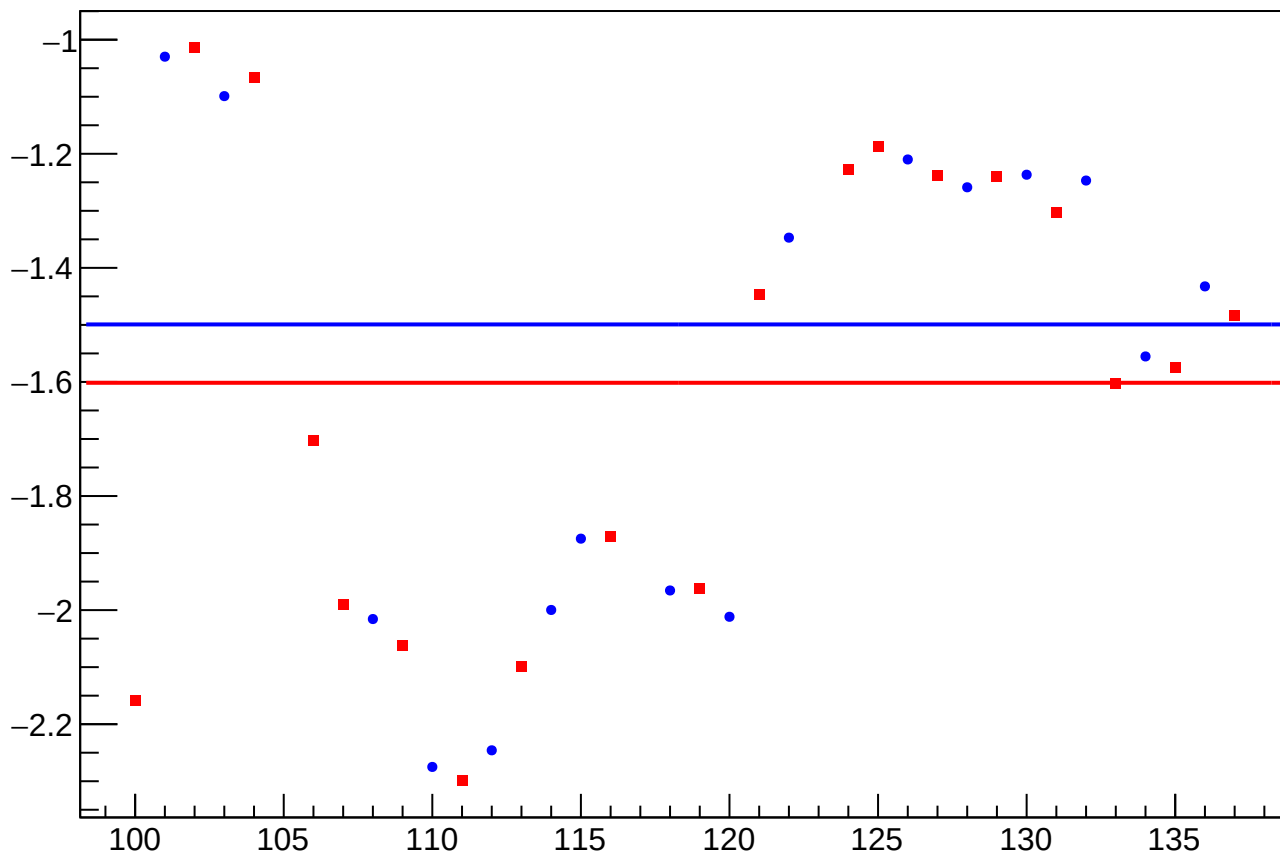
Right: 0.002+/-0.000 χ^2/NDF : 269026.9/34

In: 0.002+/-0.000 χ^2/NDF : 154923.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 269026.9/34

yield_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -1.499+/-0.000 χ^2/NDF : 22930357522.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.601+/-0.000 χ^2/NDF : 28324914147.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

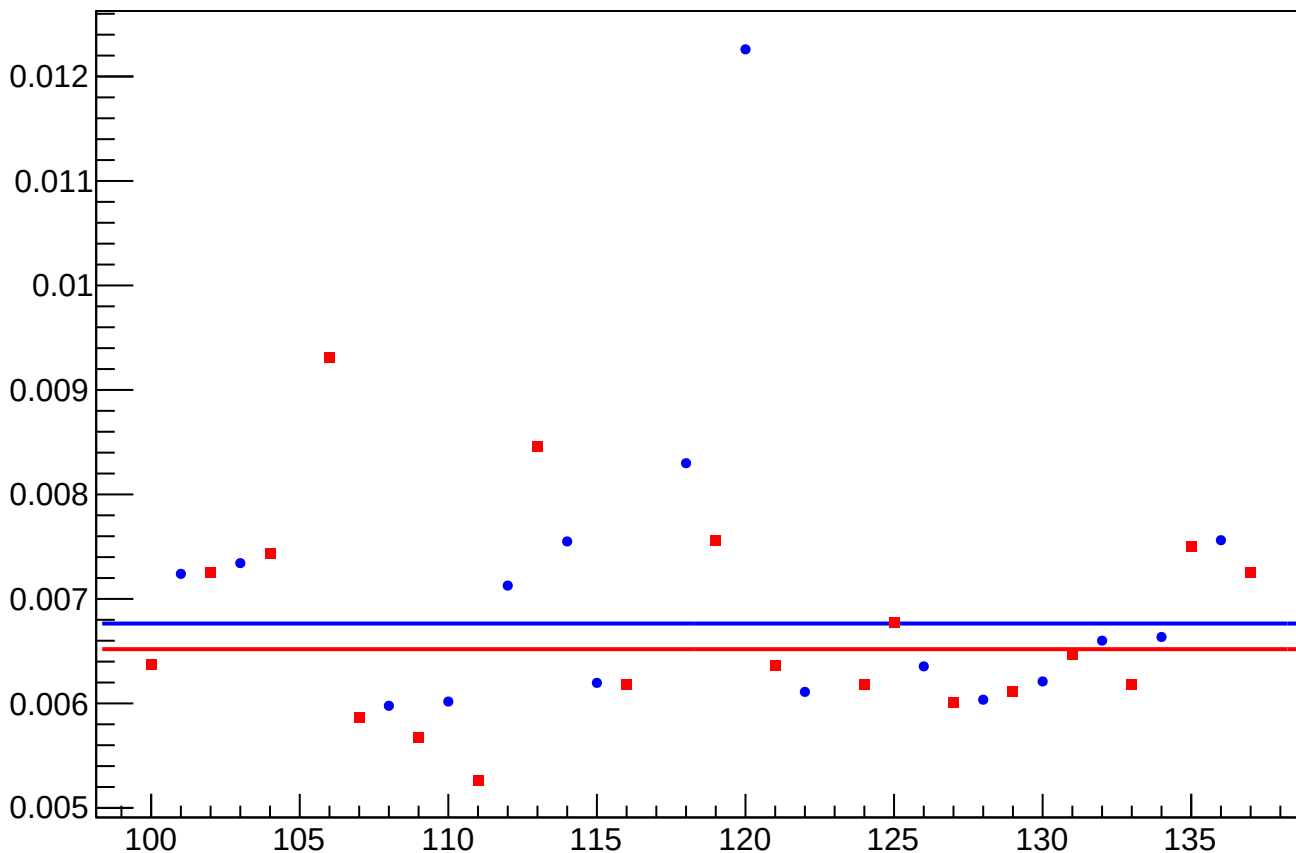
Right: -1.554+/-0.000 χ^2/NDF : 52047267484.5/34

In: -1.499+/-0.000 χ^2/NDF :22930357522.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.554+/-0.000 χ^2/NDF : 52047267484.5/34

yield_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 238566.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 245428.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

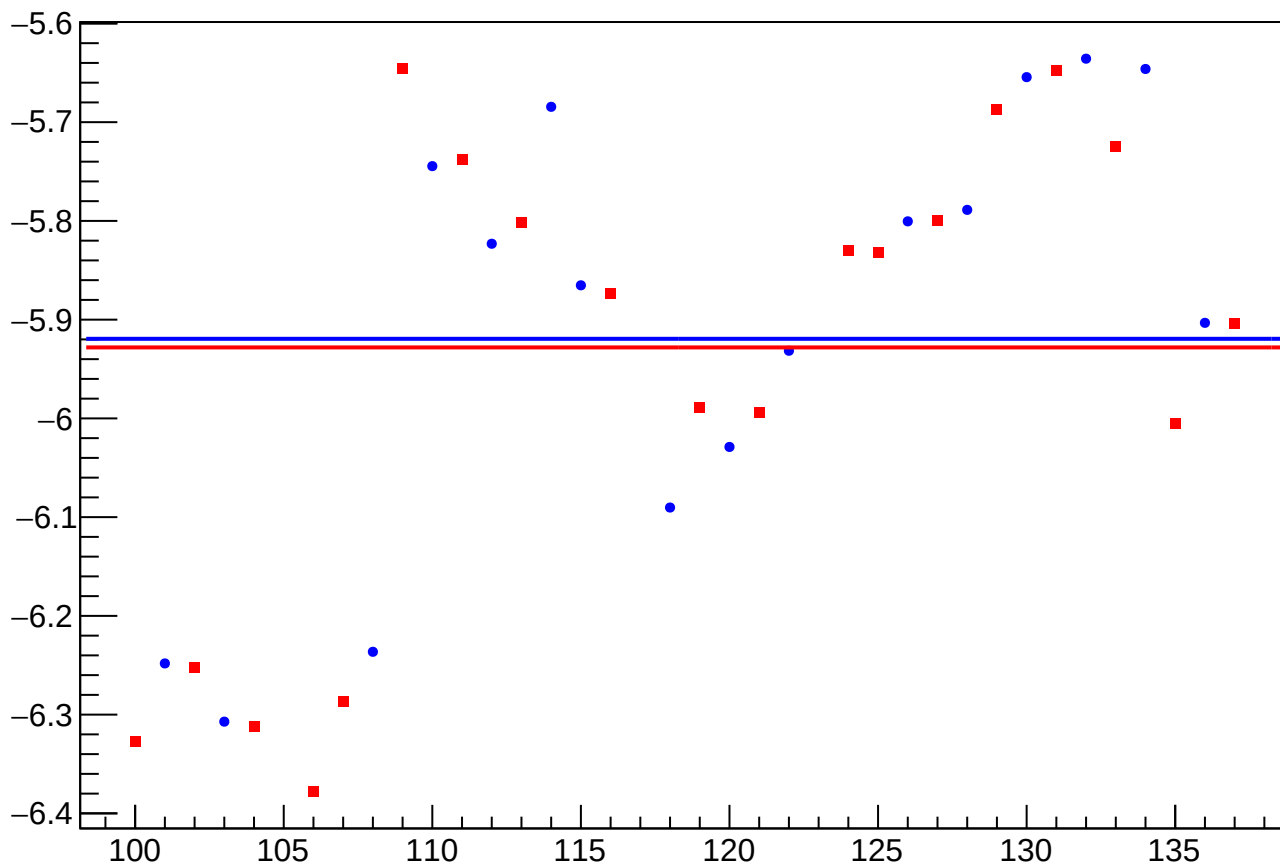
Right: 0.007+/-0.000 χ^2/NDF : 493094.9/34

In: 0.007+/-0.000 χ^2/NDF :238566.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 493094.9/34

yield_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: -5.919+/-0.000 χ^2/NDF : 11742457053.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.928+/-0.000 χ^2/NDF : 12641528579.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

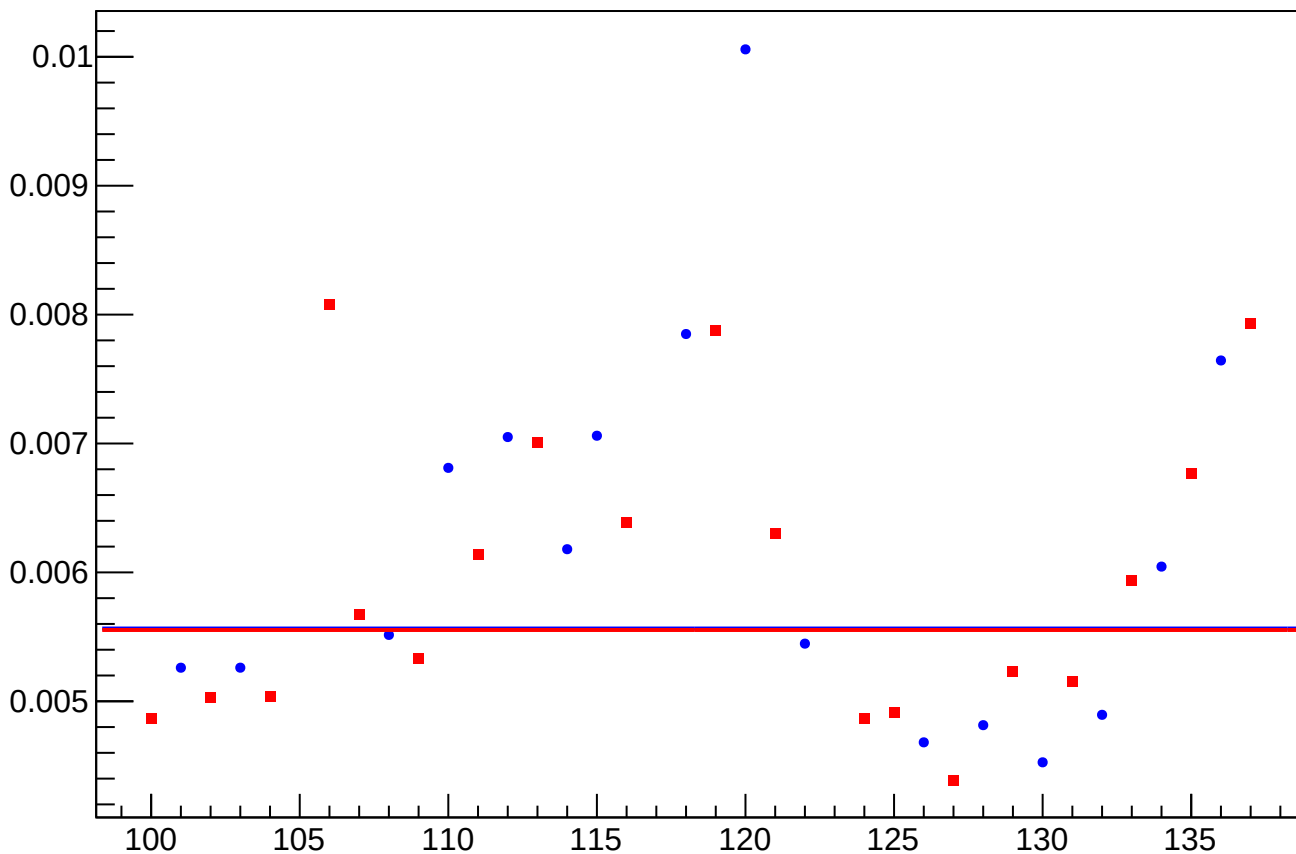
Right: -5.924+/-0.000 χ^2/NDF : 24391751979.3/34

In: -5.919+/-0.000 χ^2/NDF : 11742457053.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.924+/-0.000 χ^2/NDF : 24391751979.3/34

yield_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000 χ^2/NDF : 495546.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 364541.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

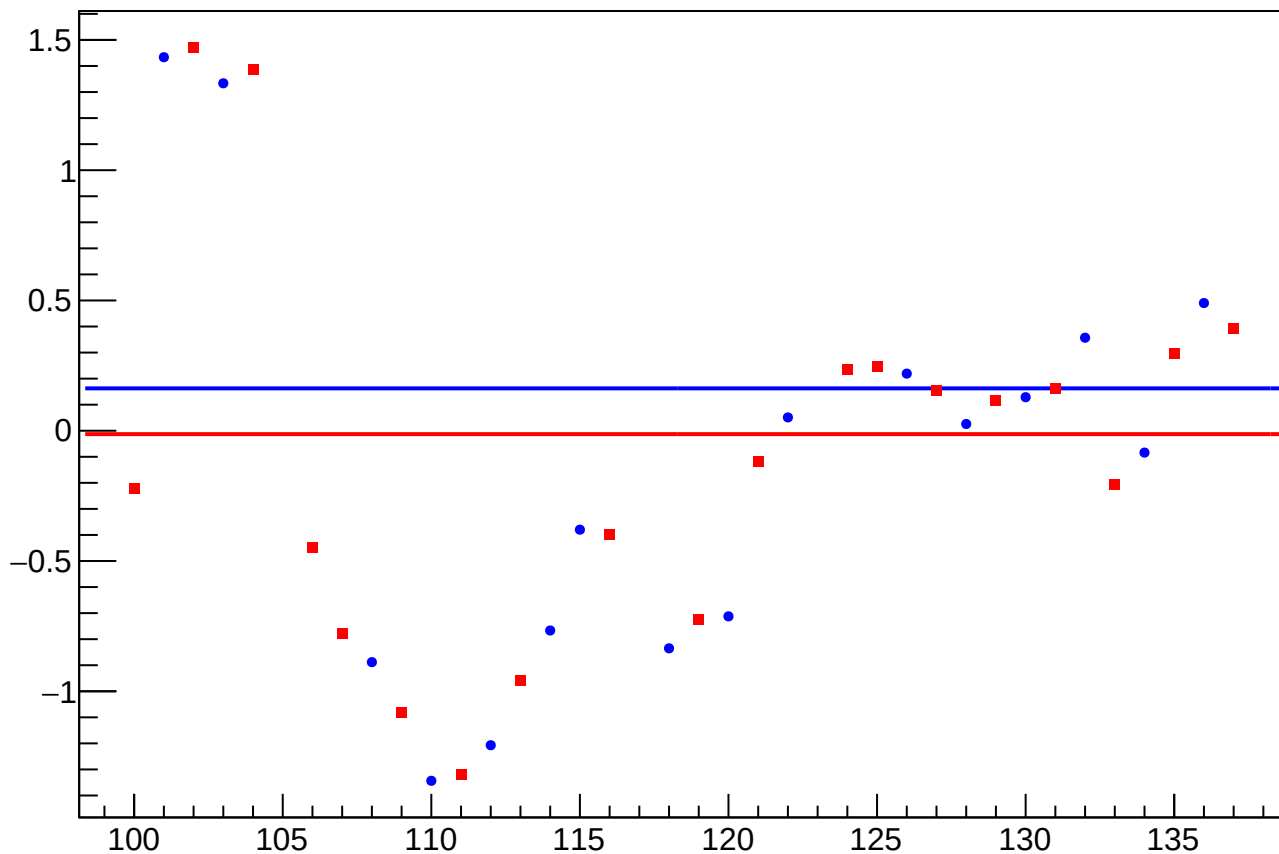
Right: 0.006+/-0.000 χ^2/NDF : 860112.8/34

In: 0.006+/-0.000 χ^2/NDF :495546.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.000 χ^2/NDF : 860112.8/34

yield_bpm0l02X_mean vs Slug, Sign Corrected



Right In: 0.163+/-0.000 χ^2/NDF : 17940034444.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.013+/-0.000 χ^2/NDF : 22484002798.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

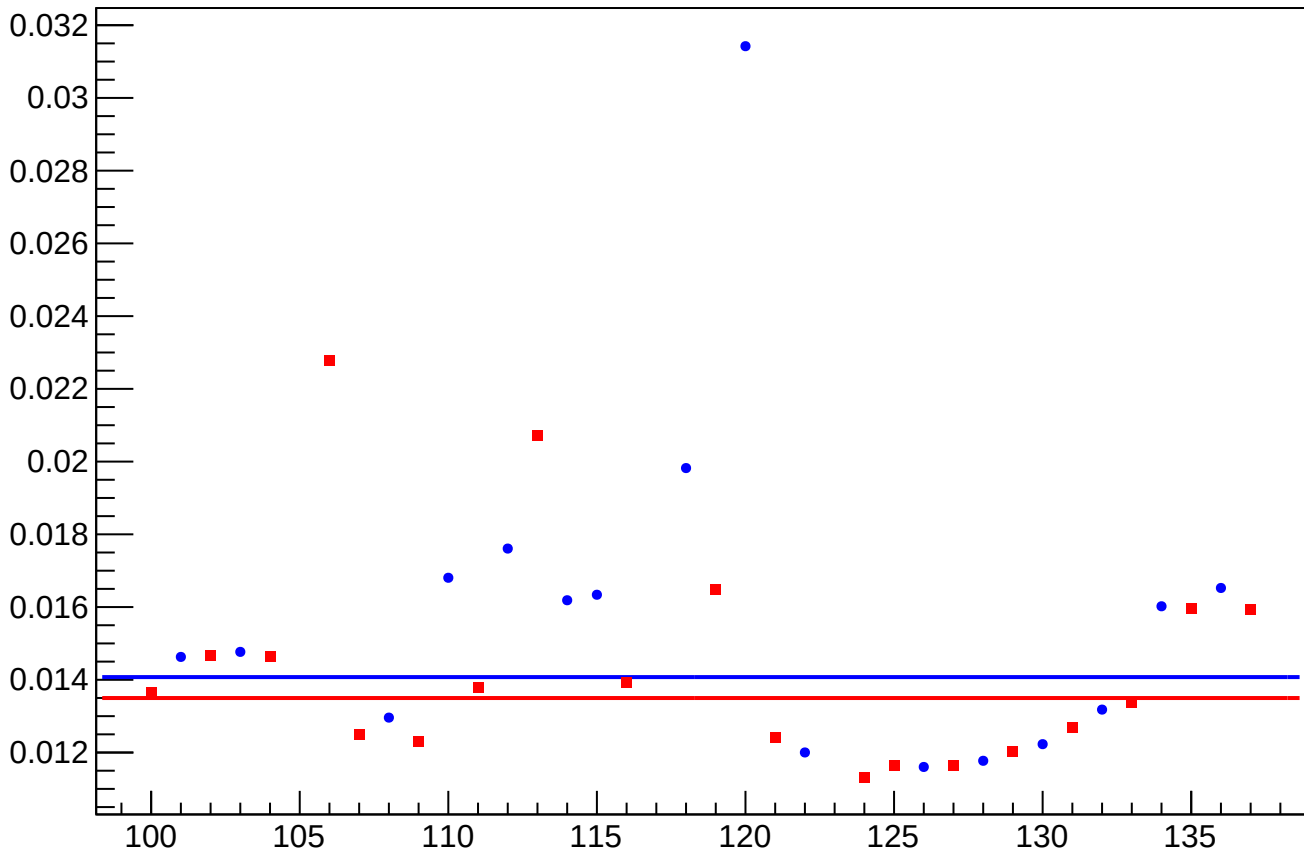
Right: 0.068+/-0.000 χ^2/NDF : 40953433371.5/34

In: 0.163+/-0.000 χ^2/NDF : 17940034444.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.068+/-0.000 χ^2/NDF : 40953433371.5/34

yield_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 465421.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 314810.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

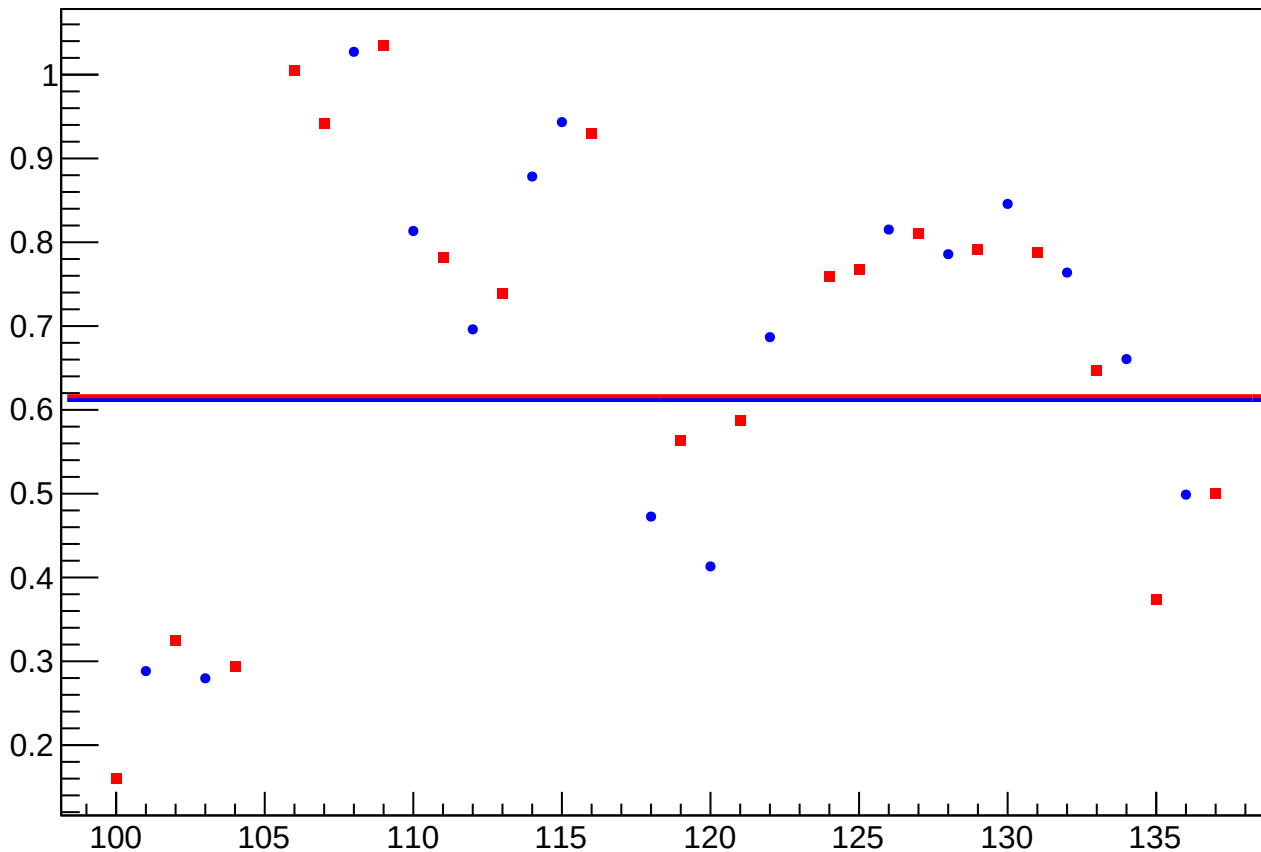
Right: 0.014+/-0.000 χ^2/NDF : 791602.0/34

In: 0.014+/-0.000 χ^2/NDF : 465421.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 791602.0/34

yield_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: 0.612+/-0.000 χ^2/NDF : 5639014502.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.616+/-0.000 χ^2/NDF : 6419512040.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

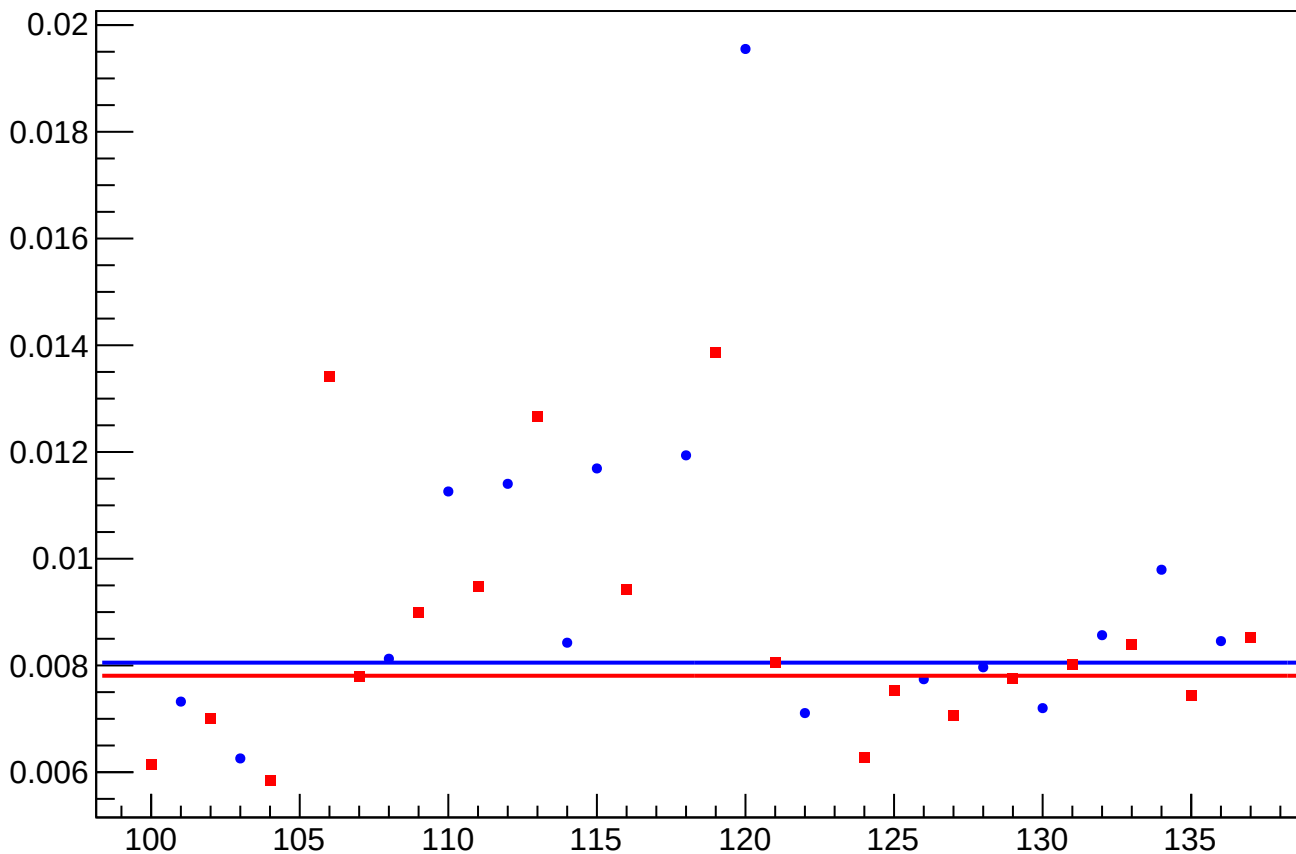
Right: 0.614+/-0.000 χ^2/NDF : 12059563453.6/34

In: 0.612+/-0.000 χ^2/NDF :5639014502.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.614+/-0.000 χ^2/NDF : 12059563453.6/34

yield_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 598309.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 587157.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

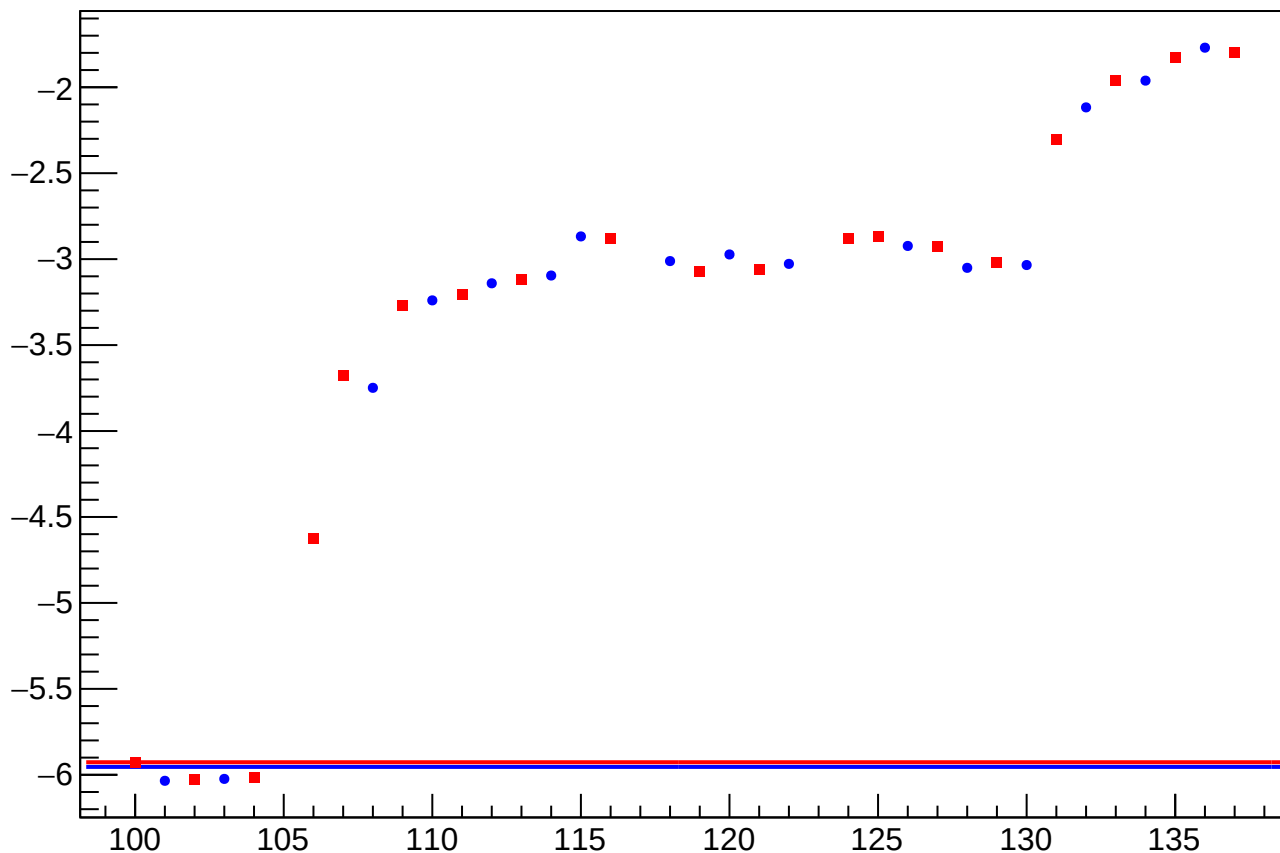
Right: 0.008+/-0.000 χ^2/NDF : 1191469.8/34

In: 0.008+/-0.000 χ^2/NDF :598309.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1191469.8/34

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.954+/-0.000 χ^2/NDF : 13099475661.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.927+/-0.000 χ^2/NDF : 13922819741.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

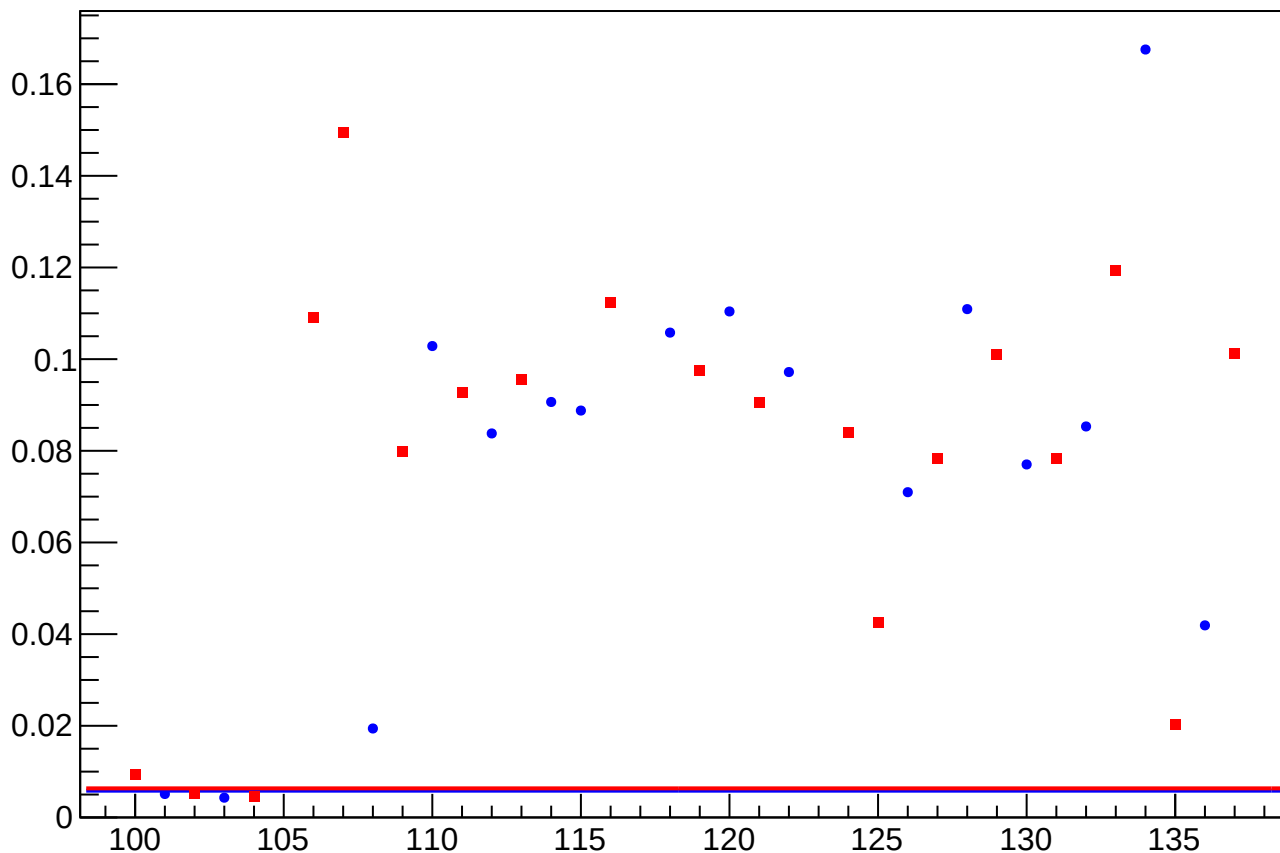
Right: -5.942+/-0.000 χ^2/NDF : 27039435928.9/34

In: -5.954+/-0.000 χ^2/NDF :13099475661.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.942+/-0.000 χ^2/NDF : 27039435928.9/34

yield_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 8700553.3/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 8751831.3/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 17464019.8/34

In: 0.006+/-0.000

χ^2/NDF : 8700553.3/15

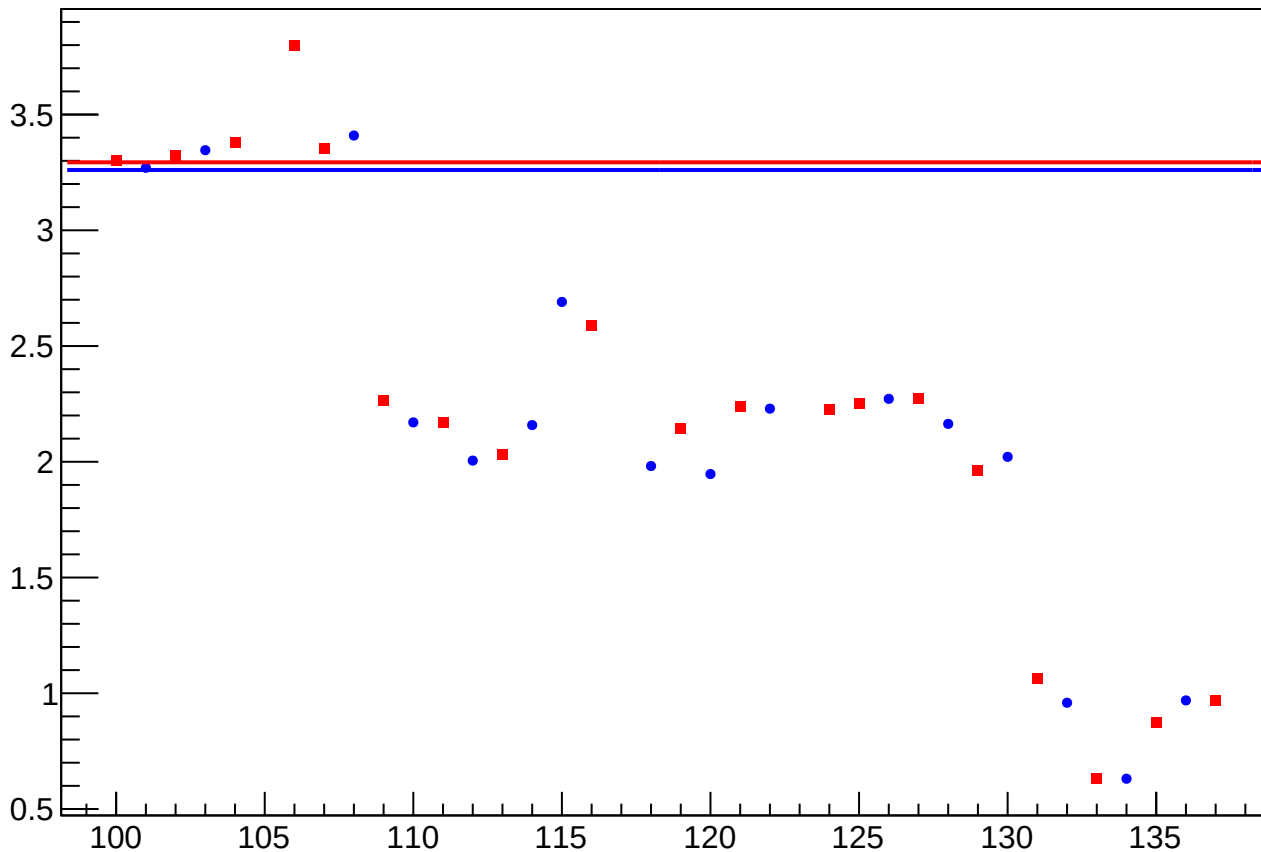
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 17464019.8/34

yield_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: 3.260+/-0.000 χ^2/NDF : 3009624113.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.294+/-0.000 χ^2/NDF : 3243748149.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

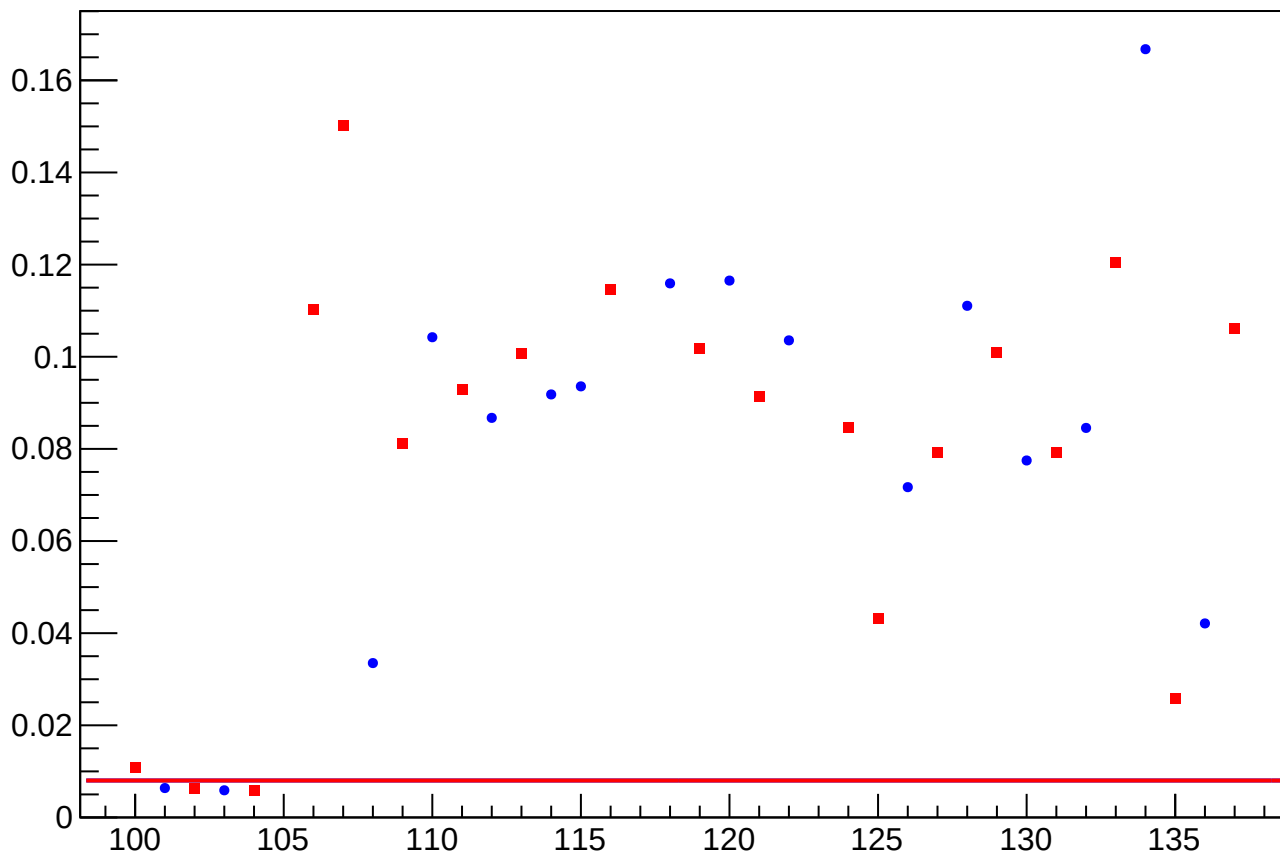
Right: 3.277+/-0.000 χ^2/NDF : 6269939296.1/34

In: 3.260+/-0.000 χ^2/NDF :3009624113.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3.277+/-0.000 χ^2/NDF : 6269939296.1/34

yield_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 0.008+/-0.000 χ^2/NDF : 8415681.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8542249.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

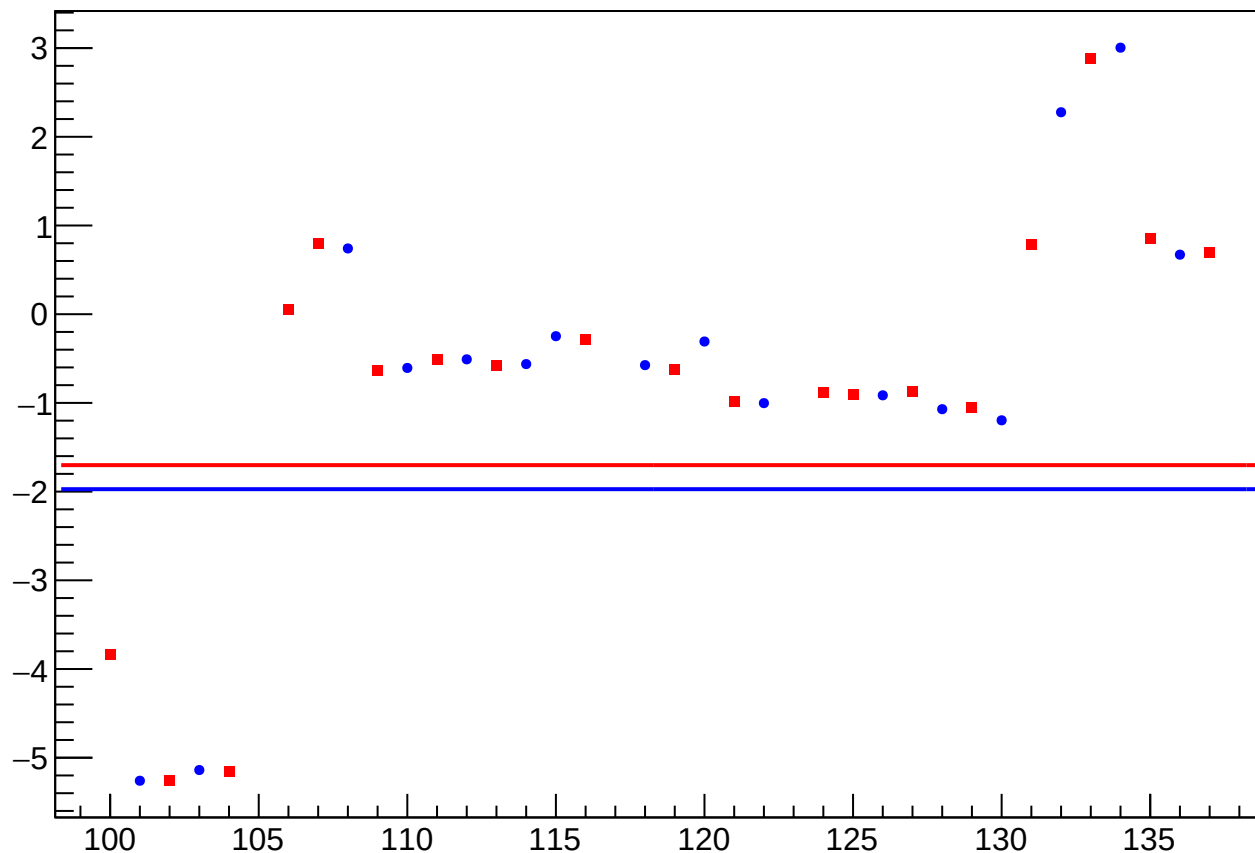
Right: 0.008+/-0.000 χ^2/NDF : 16957931.3/34

In: 0.008+/-0.000 χ^2/NDF :8415681.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.008+/-0.000 χ^2/NDF : 16957931.3/34

yield_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -1.973+/-0.000 χ^2/NDF : 161975701237.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.702+/-0.000 χ^2/NDF : 168156981746.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

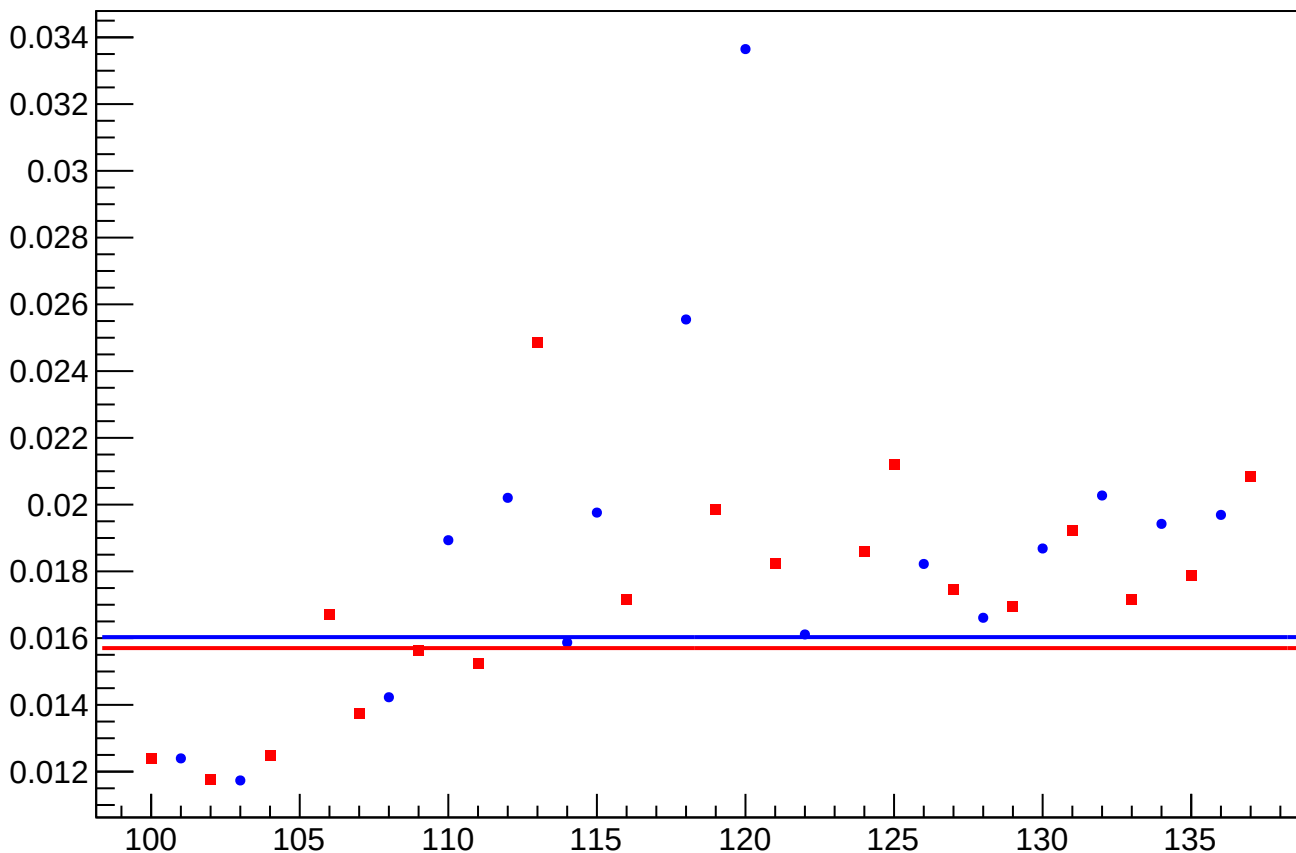
Right: -1.828+/-0.000 χ^2/NDF : 331019535290.3/34

In: -1.973+/-0.000 χ^2/NDF :161975701237.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.828+/-0.000 χ^2/NDF : 331019535290.3

yield_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 0.016+/-0.000 χ^2/NDF : 735736.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 504766.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

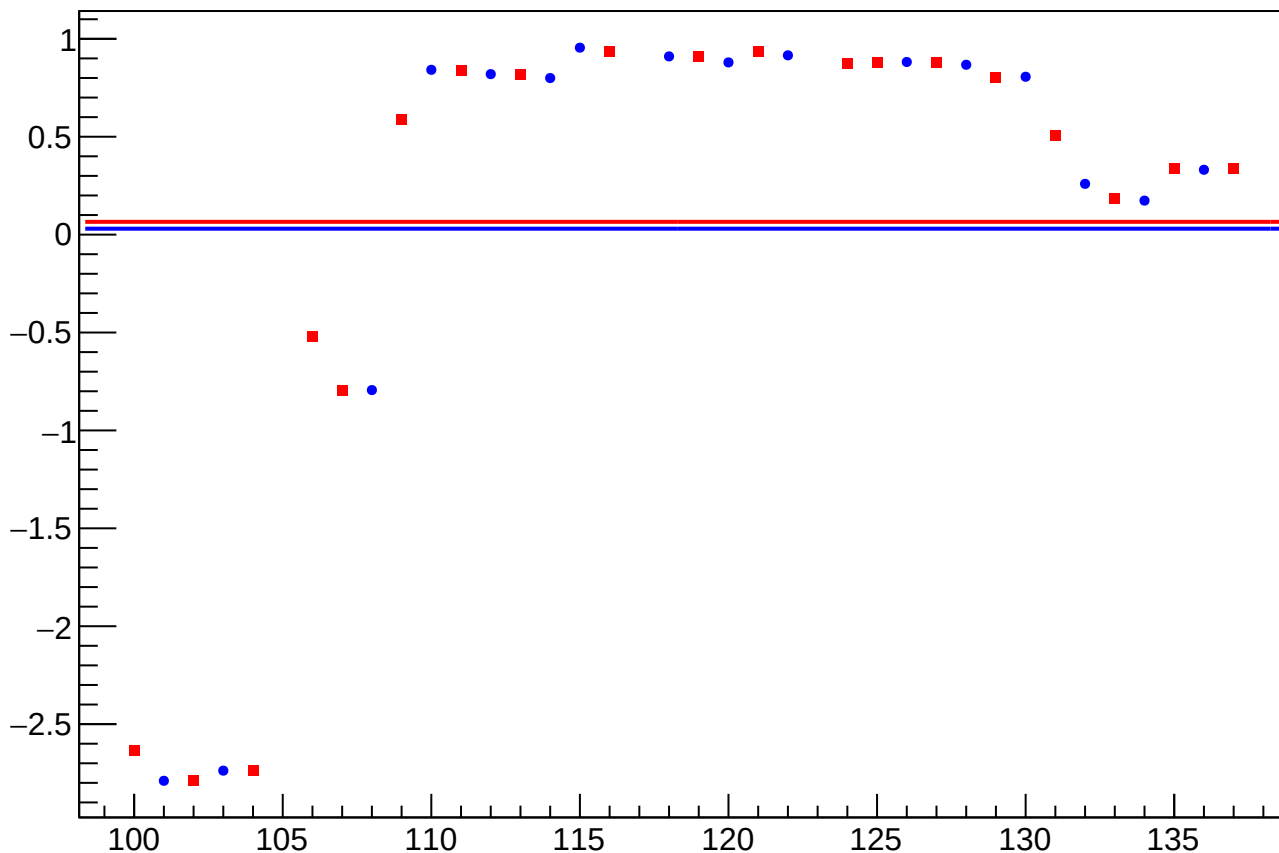
Right: 0.016+/-0.000 χ^2/NDF : 1243118.0/34

In: 0.016+/-0.000 χ^2/NDF :735736.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1243118.0/34

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000

χ^2/NDF : 851677270962.0/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.000

χ^2/NDF : 935478930138.7/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.048+/-0.000

χ^2/NDF : 1787488269945.7/34

In: 0.030+/-0.000

χ^2/NDF : 851677270962.0/15

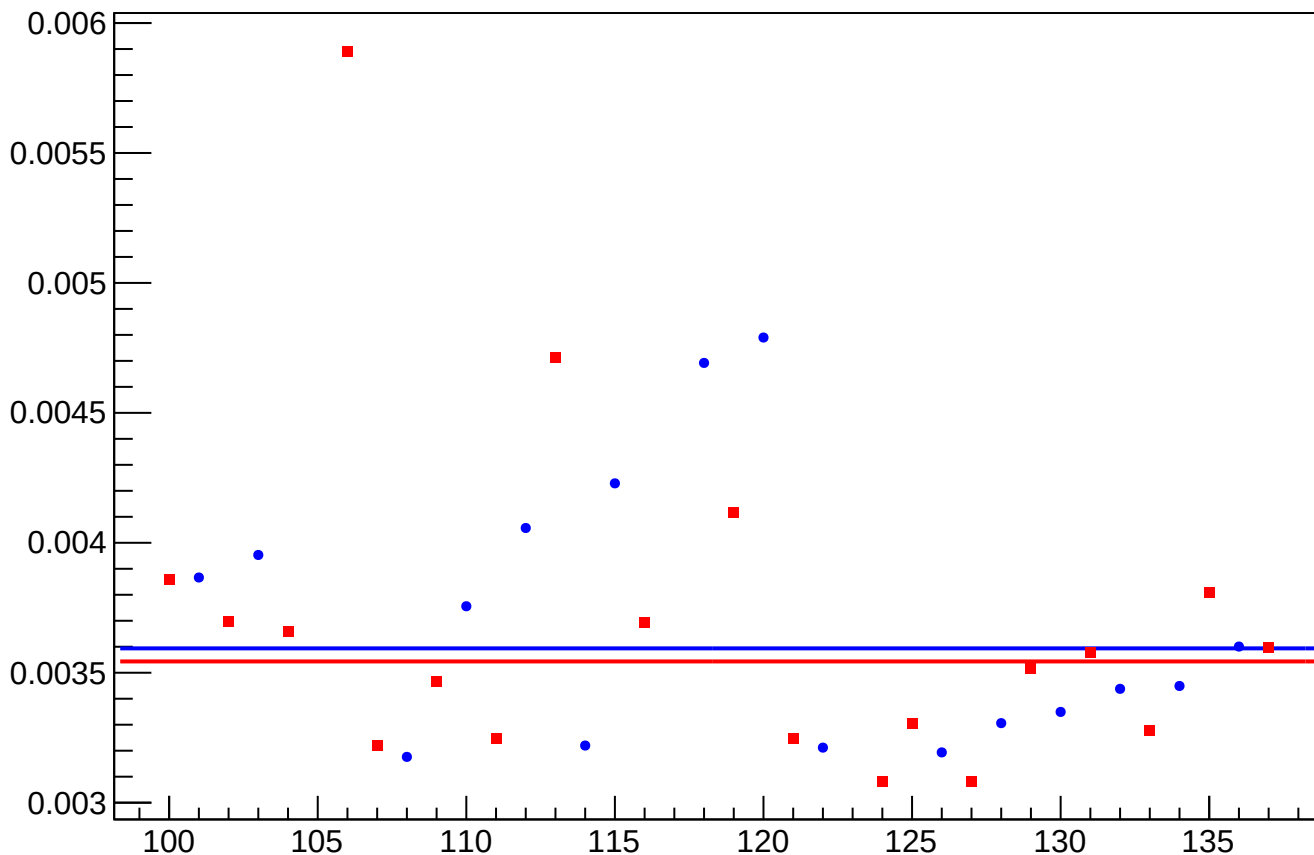
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.048+/-0.000

χ^2/NDF : 1787488269945.7/34

yield_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 180415.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 224729.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

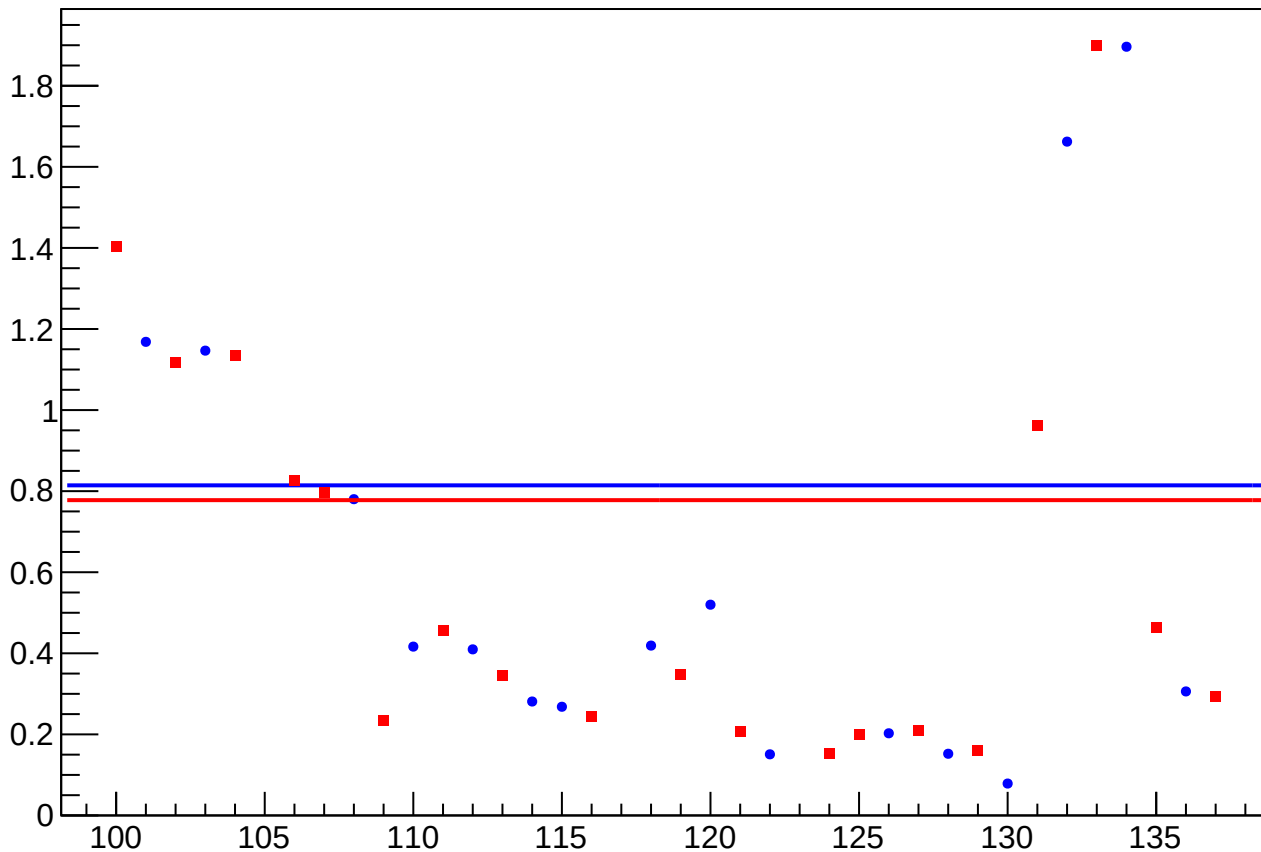
Right: 0.004+/-0.000 χ^2/NDF : 406509.3/34

In: 0.004+/-0.000 χ^2/NDF : 180415.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 406509.3/34

yield_bpm0l05X_mean vs Slug, Sign Corrected



Right In: 0.814+/-0.000

χ^2/NDF : 35412149008.2/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.795+/-0.000 χ^2/NDF : 70115223181.3/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.814+/-0.000 χ^2/NDF : 35412149008.2/15

Right Out: 0.778+/-0.000 χ^2/NDF : 34603328062.2/18

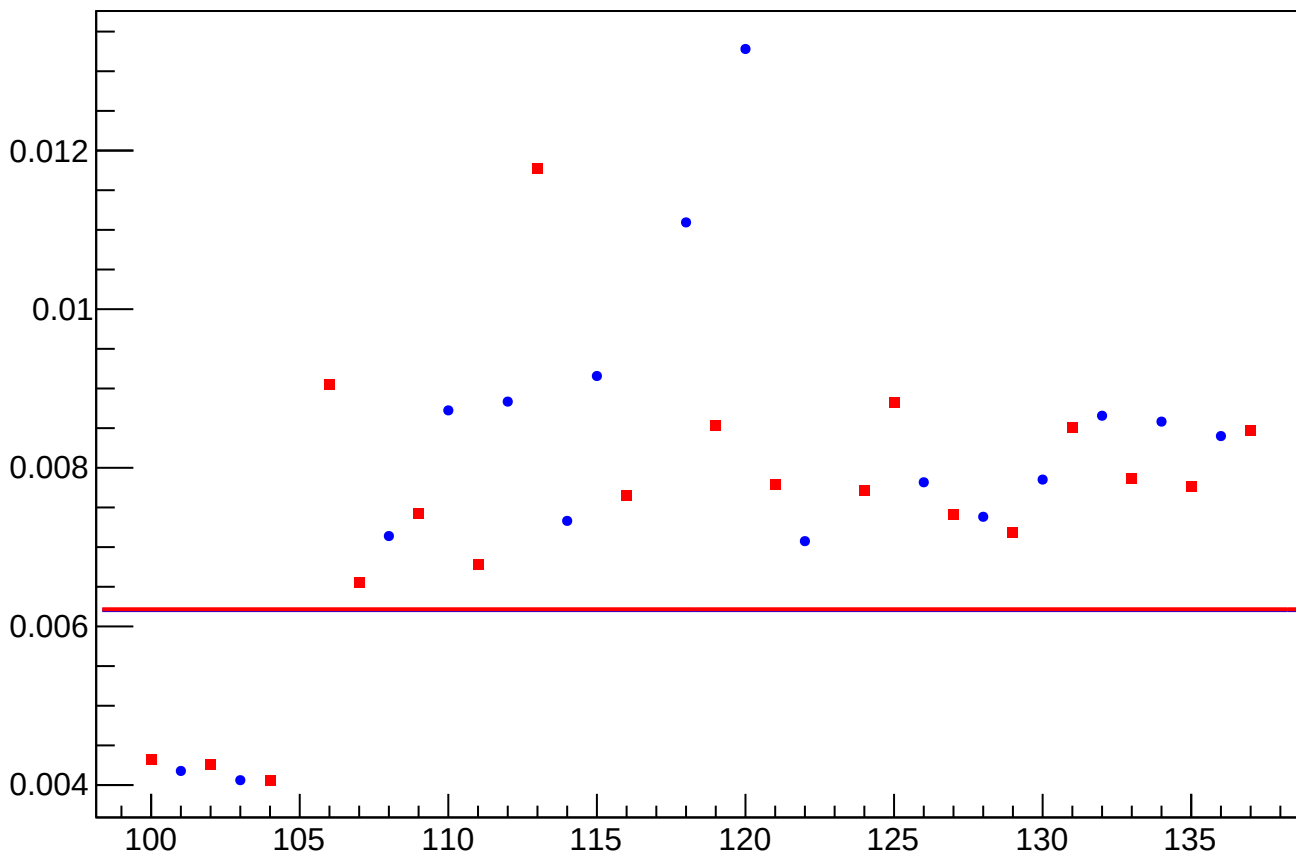
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.795+/-0.000 χ^2/NDF : 70115223181.3/34

yield_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 1423886.1/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1161117.9/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 2585020.0/34

In: 0.006+/-0.000

χ^2/NDF : 1423886.1/15

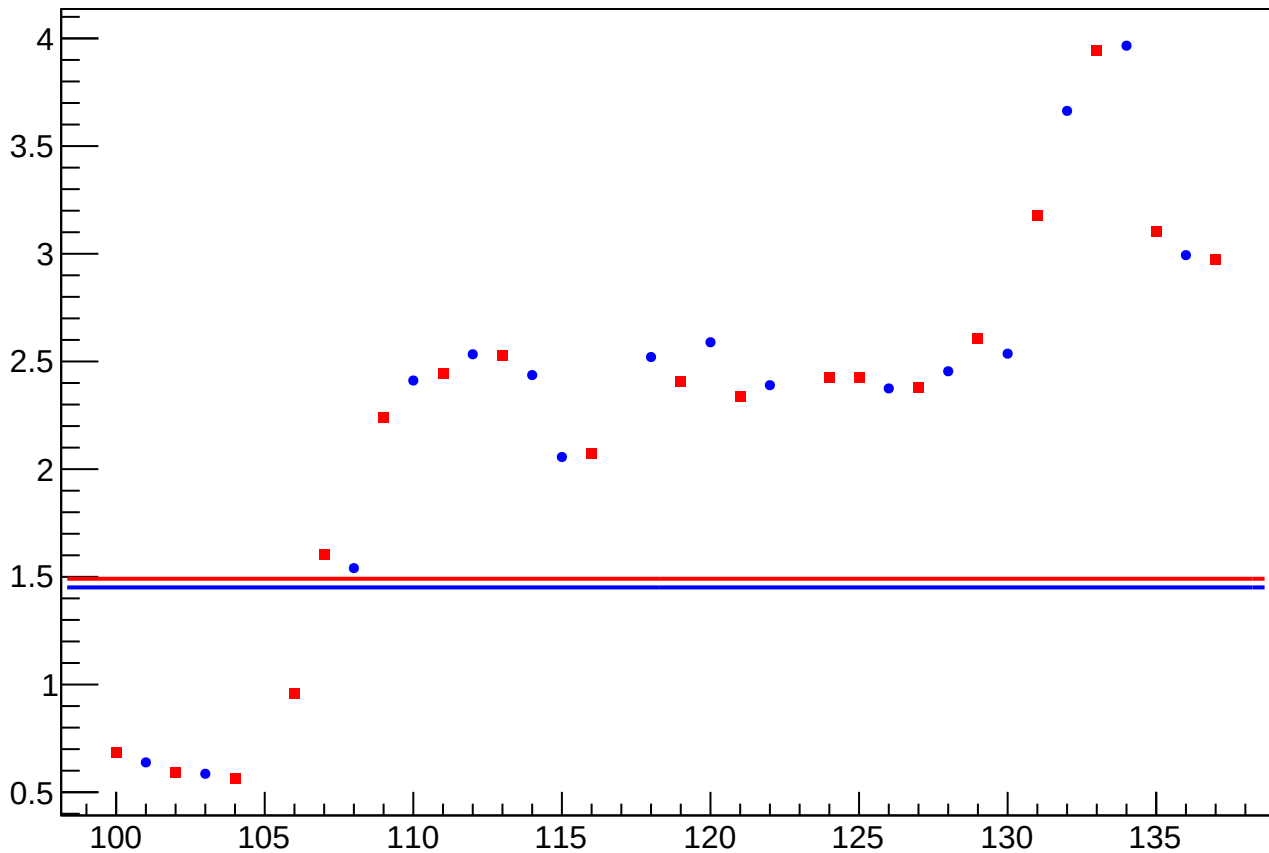
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 2585020.0/34

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.451+/-0.000 χ^2/NDF : 169635774704.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.491+/-0.000 χ^2/NDF : 186952709821.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

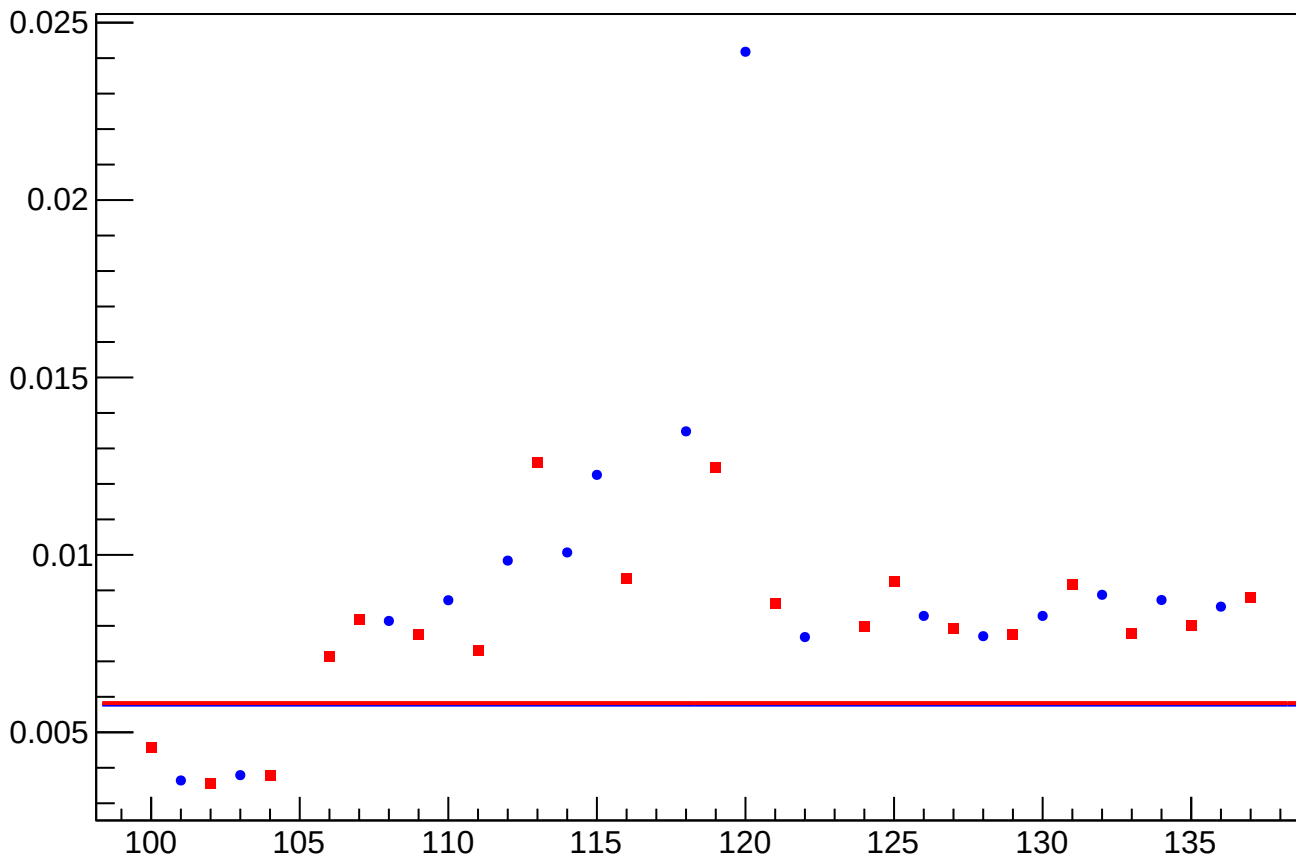
Right: 1.472+/-0.000 χ^2/NDF : 356714546192.4/34

In: 1.451+/-0.000 χ^2/NDF : 169635774704.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.472+/-0.000 χ^2/NDF : 356714546192.4

yield_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 0.006+/-0.000

χ^2/NDF : 2213885.3/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000

χ^2/NDF : 1955751.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 4169928.0/34

In: 0.006+/-0.000

χ^2/NDF : 2213885.3/15

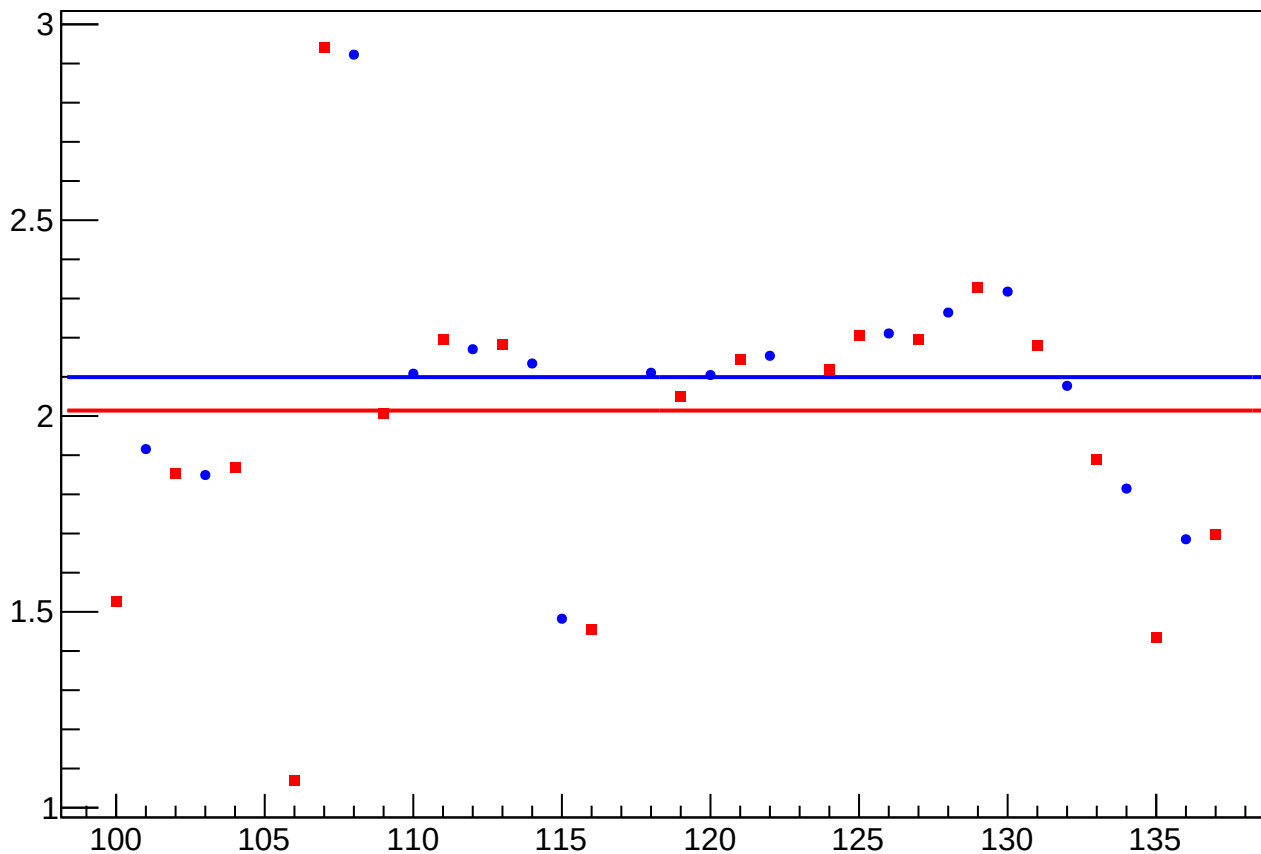
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 4169928.0/34

yield_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 2.099+/-0.000

χ^2/NDF : 13928556396.8/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 2.055+/-0.000 χ^2/NDF : 34101176841.4/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.099+/-0.000 χ^2/NDF : 13928556396.8/15

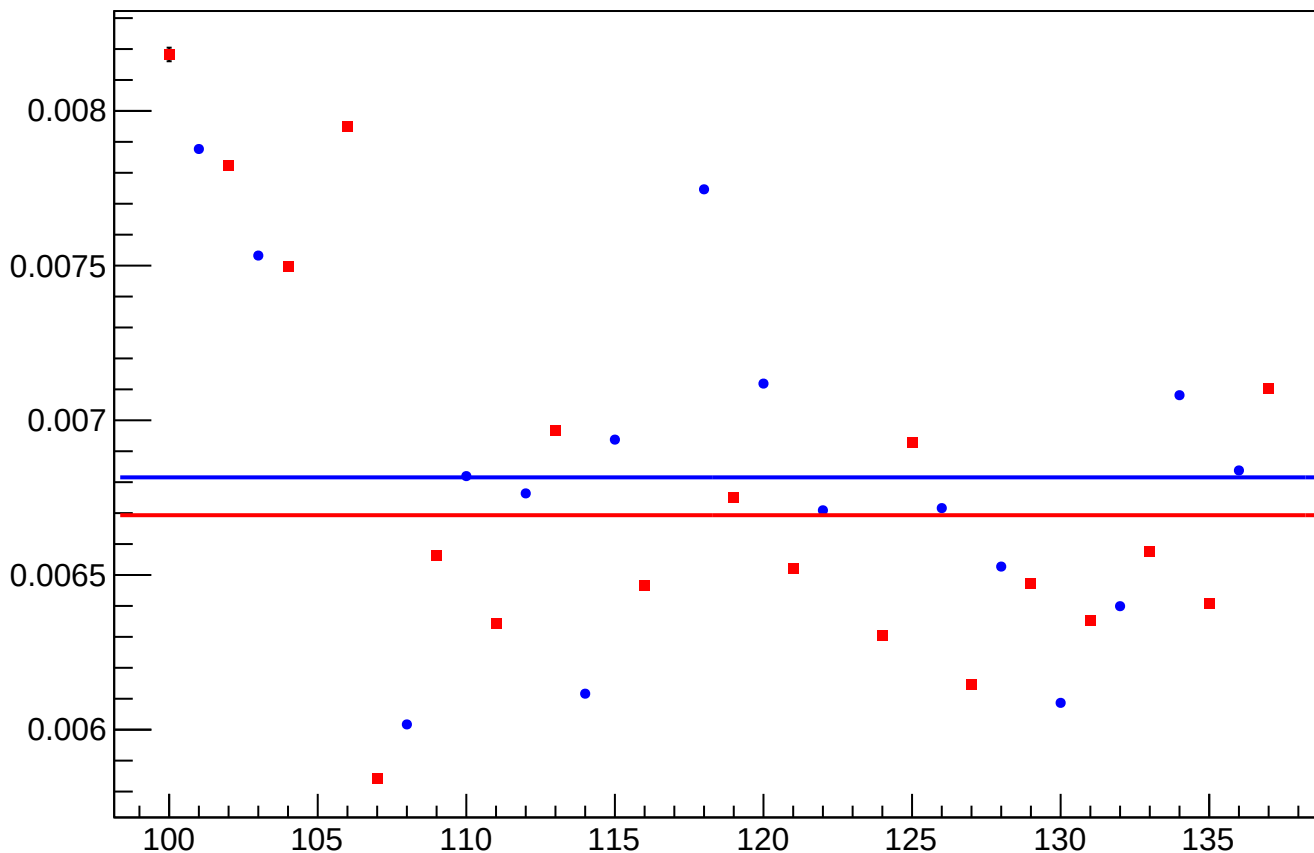
Right Out: 2.014+/-0.000 χ^2/NDF : 19615856596.5/18

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.055+/-0.000 χ^2/NDF : 34101176841.4/34

yield_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000 χ^2/NDF : 86781.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 87876.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

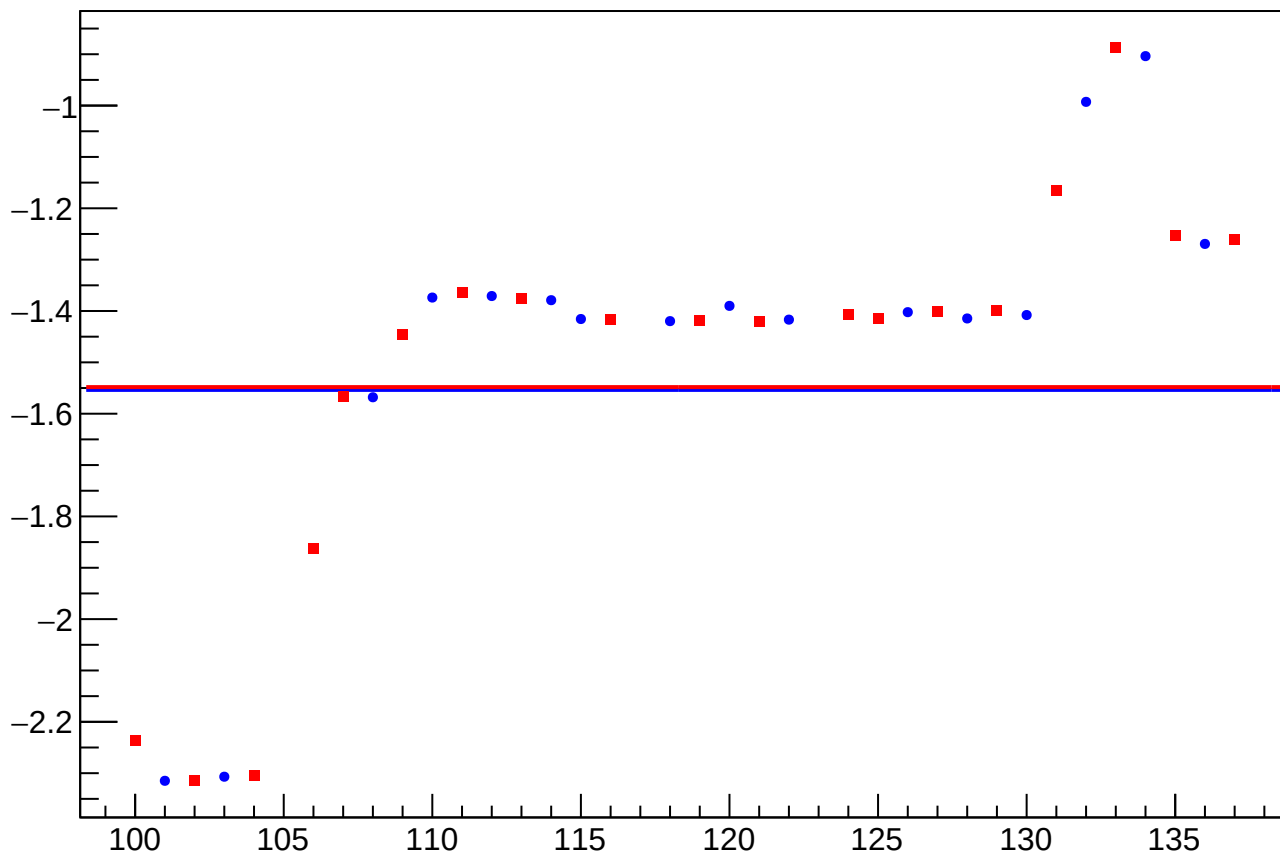
Right: 0.007+/-0.000 χ^2/NDF : 176946.8/34

In: 0.007+/-0.000 χ^2/NDF :86781.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.007+/-0.000 χ^2/NDF : 176946.8/34

yield_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -1.554+/-0.000 χ^2/NDF : 175176621986.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.548+/-0.000 χ^2/NDF : 174743666302.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

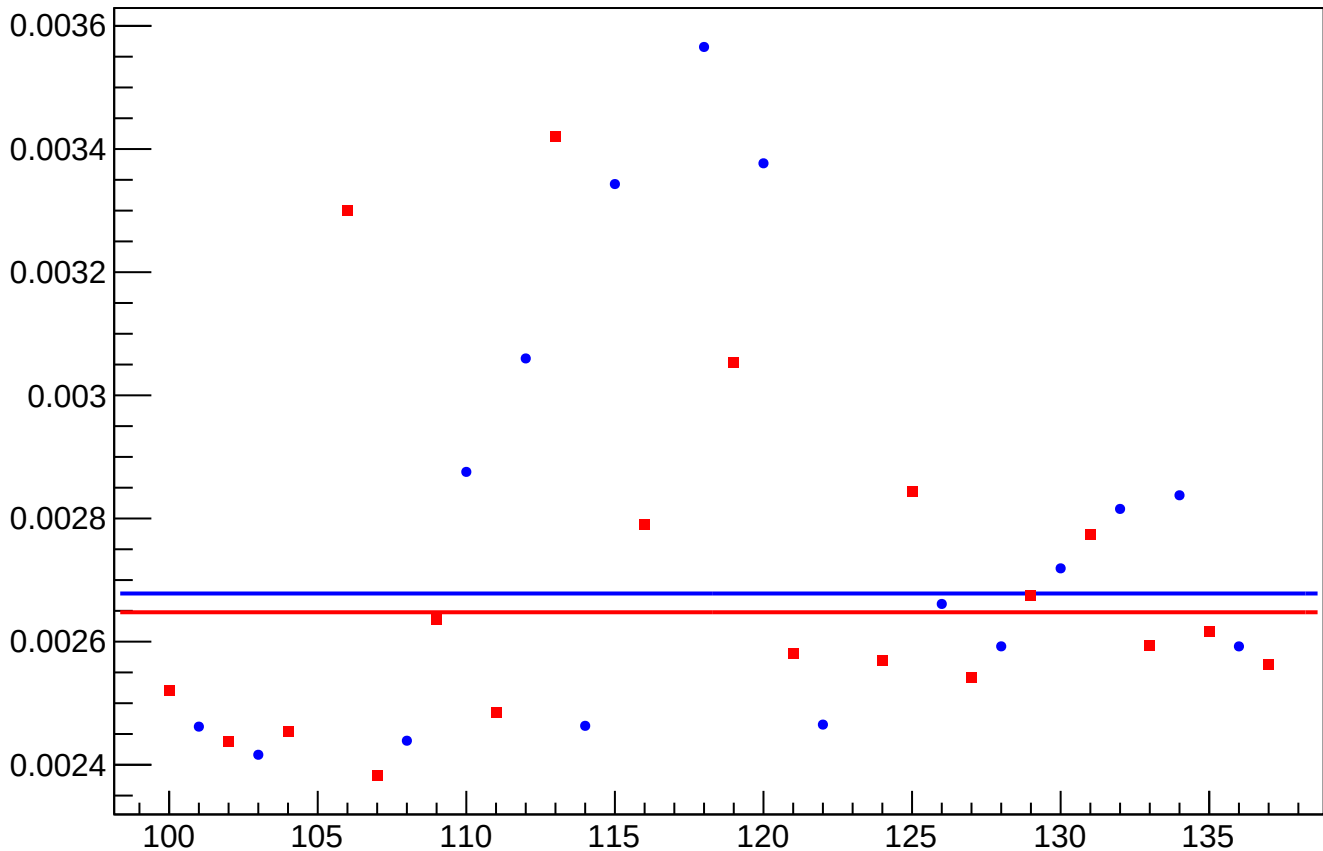
Right: -1.551+/-0.000 χ^2/NDF : 349934542439.1/34

In: -1.554+/-0.000 χ^2/NDF : 175176621986.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.551+/-0.000 χ^2/NDF : 349934542439.1

yield_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 157881.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 116150.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

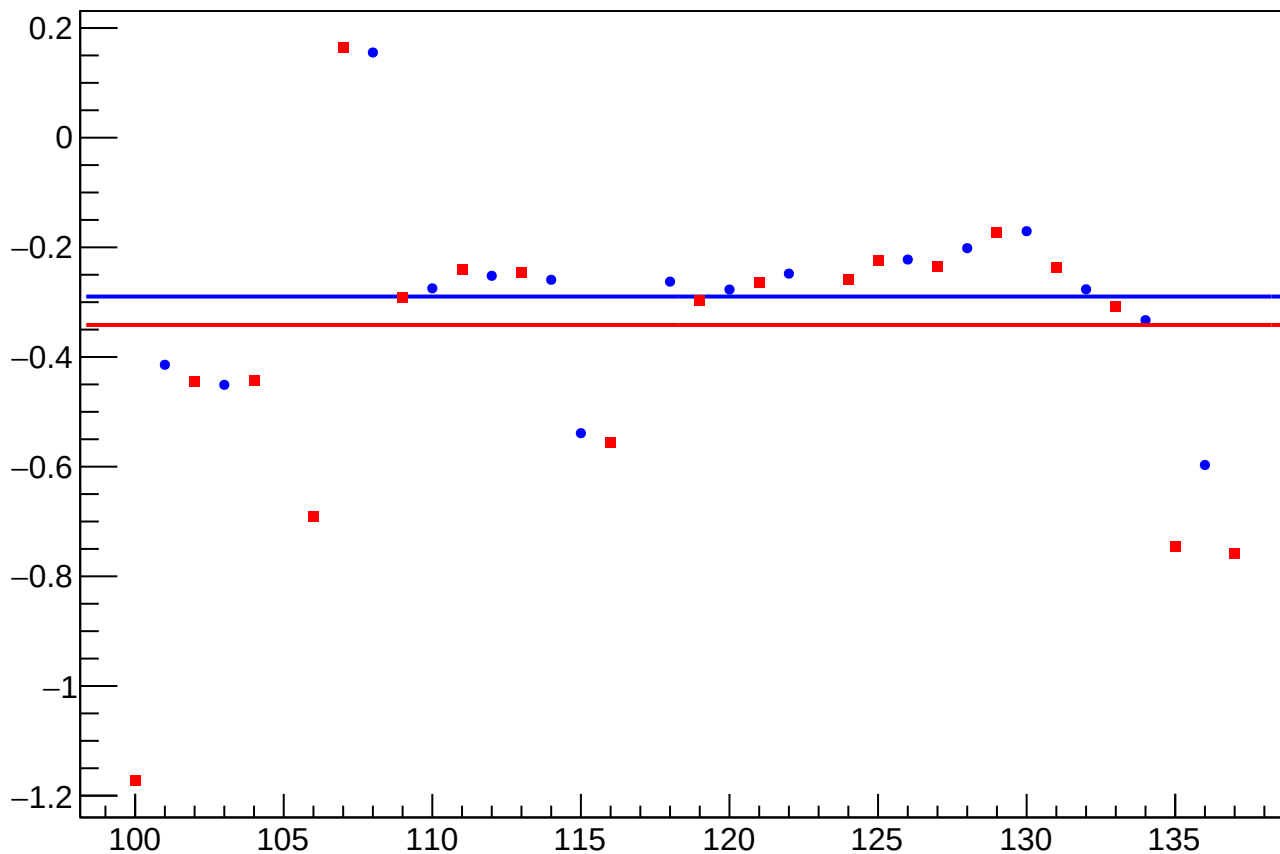
Right: 0.003+/-0.000 χ^2/NDF : 274930.8/34

In: 0.003+/-0.000 χ^2/NDF :157881.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 274930.8/34

yield_bpm0l07X_mean vs Slug, Sign Corrected



Right In: -0.290+/-0.000 χ^2/NDF : 1645174238.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.342+/-0.000 χ^2/NDF : 2609243421.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

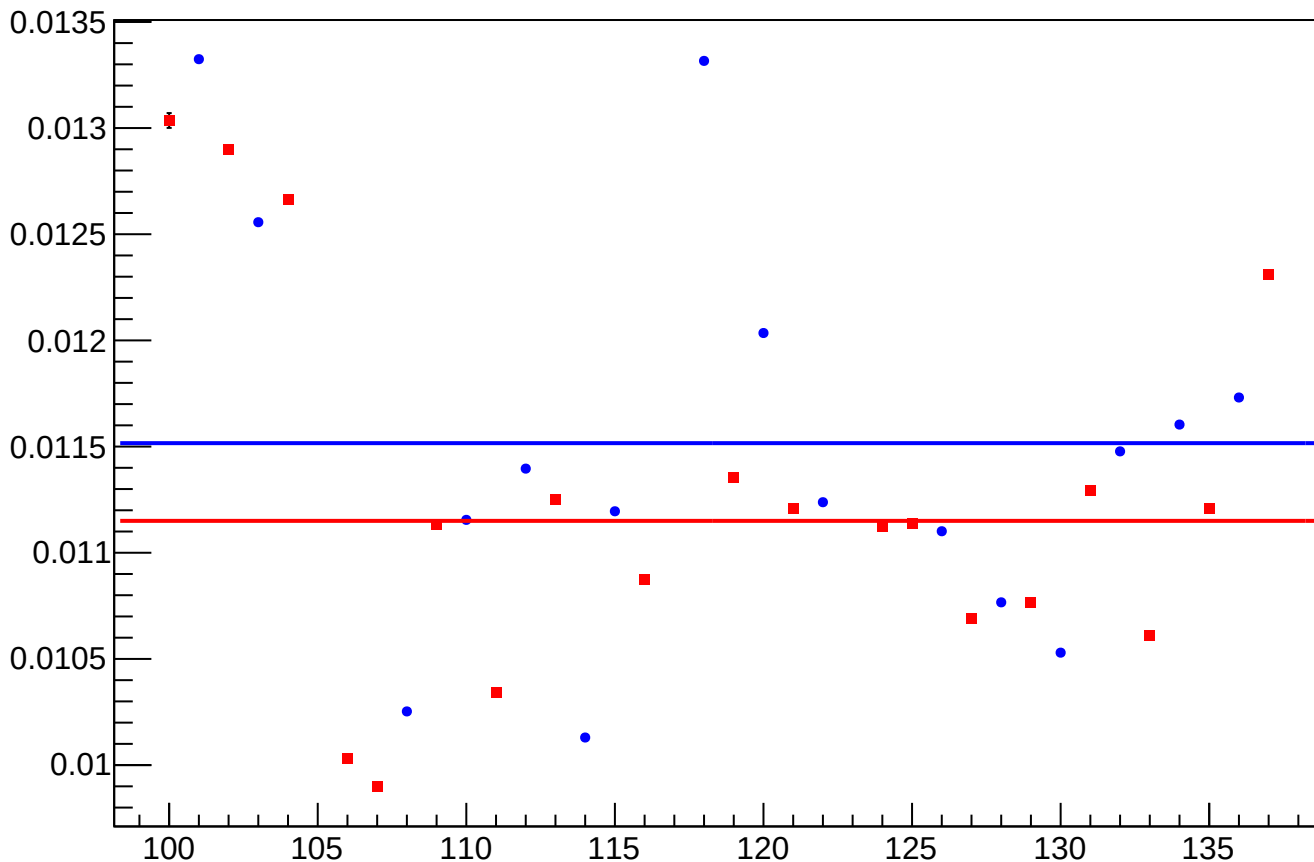
Right: -0.317+/-0.000 χ^2/NDF : 4328413510.6/34

In: -0.290+/-0.000 χ^2/NDF : 1645174238.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.317+/-0.000 χ^2/NDF : 4328413510.6/34

yield_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 84278.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 70560.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

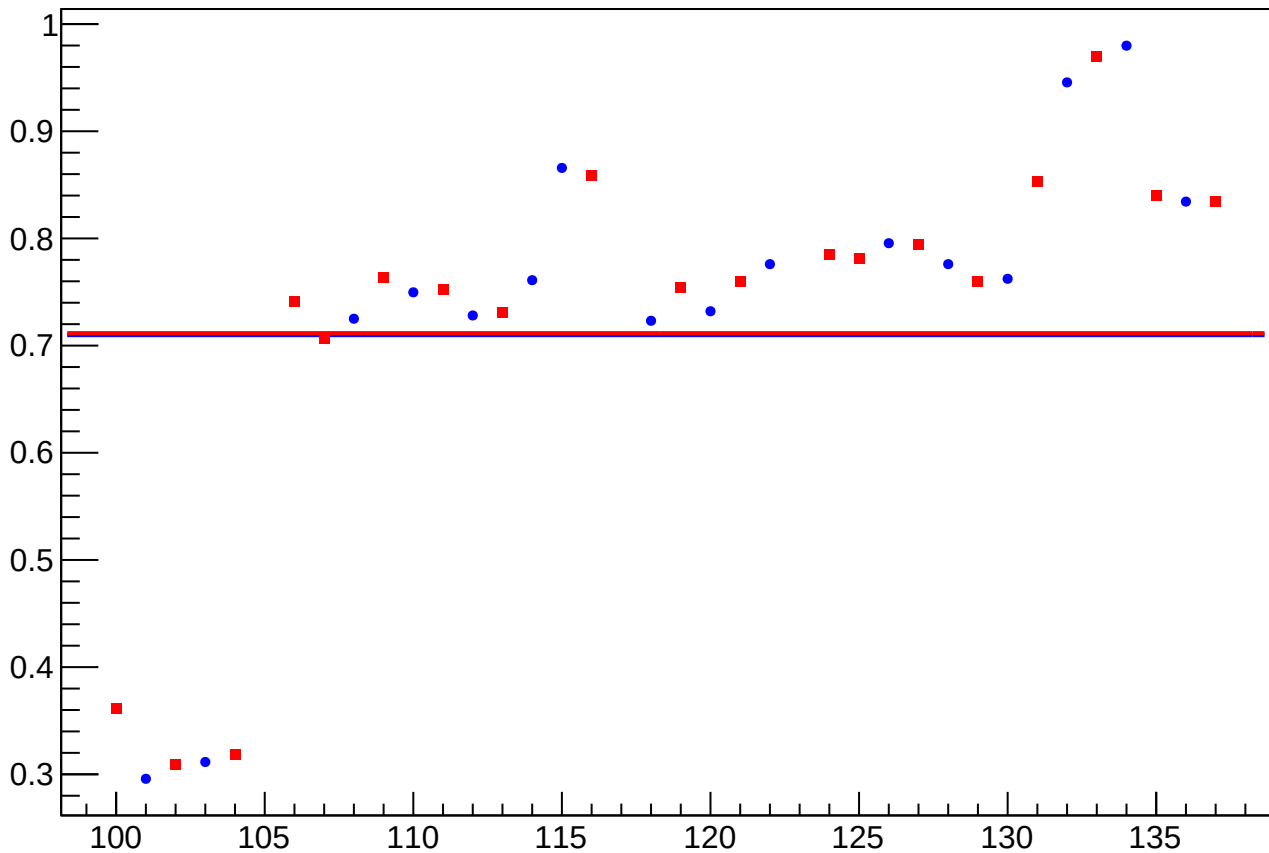
Right: 0.011+/-0.000 χ^2/NDF : 162212.6/34

In: 0.012+/-0.000 χ^2/NDF :84278.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 162212.6/34

yield_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: 0.710+/-0.000 χ^2/NDF : 48924347494.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.712+/-0.000 χ^2/NDF : 44174681920.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

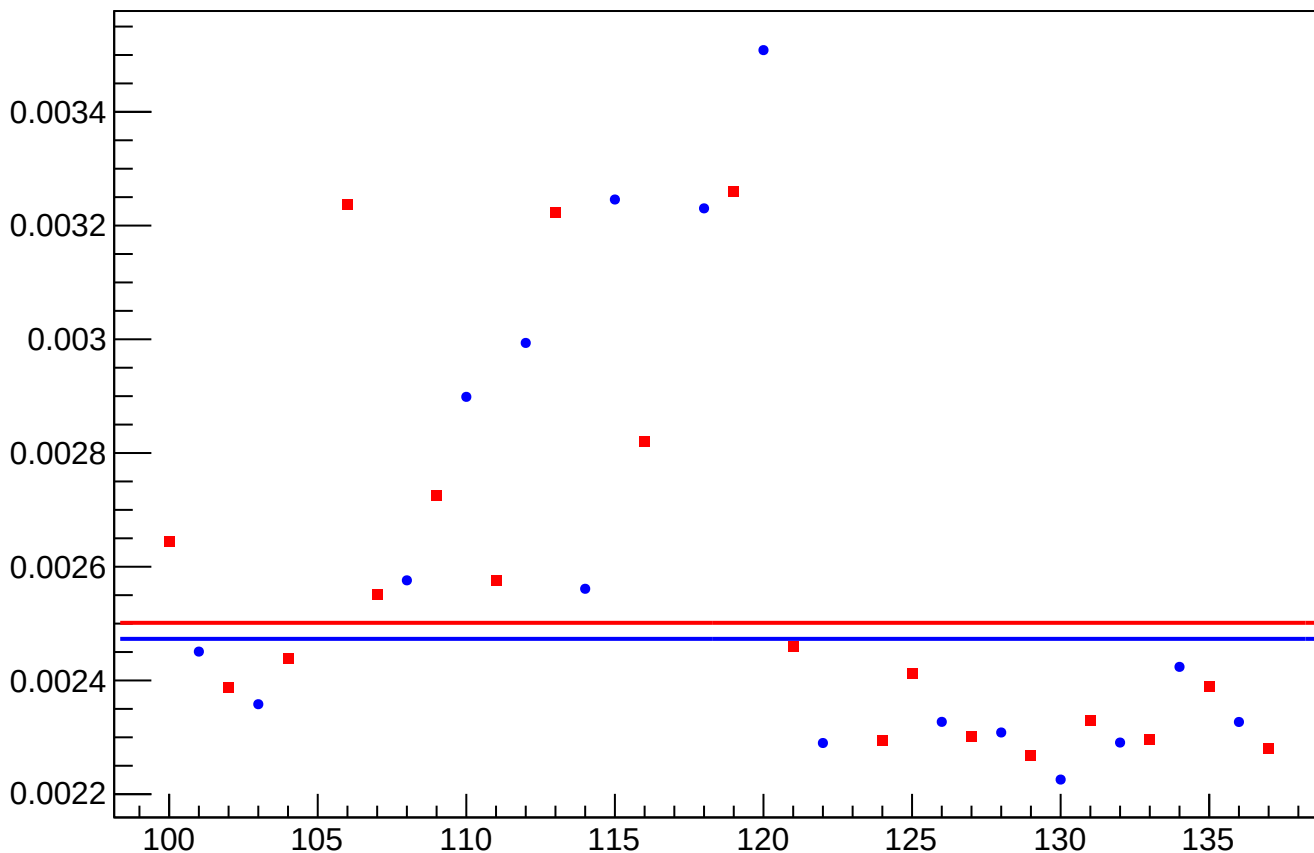
Right: 0.711+/-0.000 χ^2/NDF : 93101138571.1/34

In: 0.710+/-0.000 χ^2/NDF :48924347494.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.711+/-0.000 χ^2/NDF : 93101138571.1/34

yield_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 208046.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 177427.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

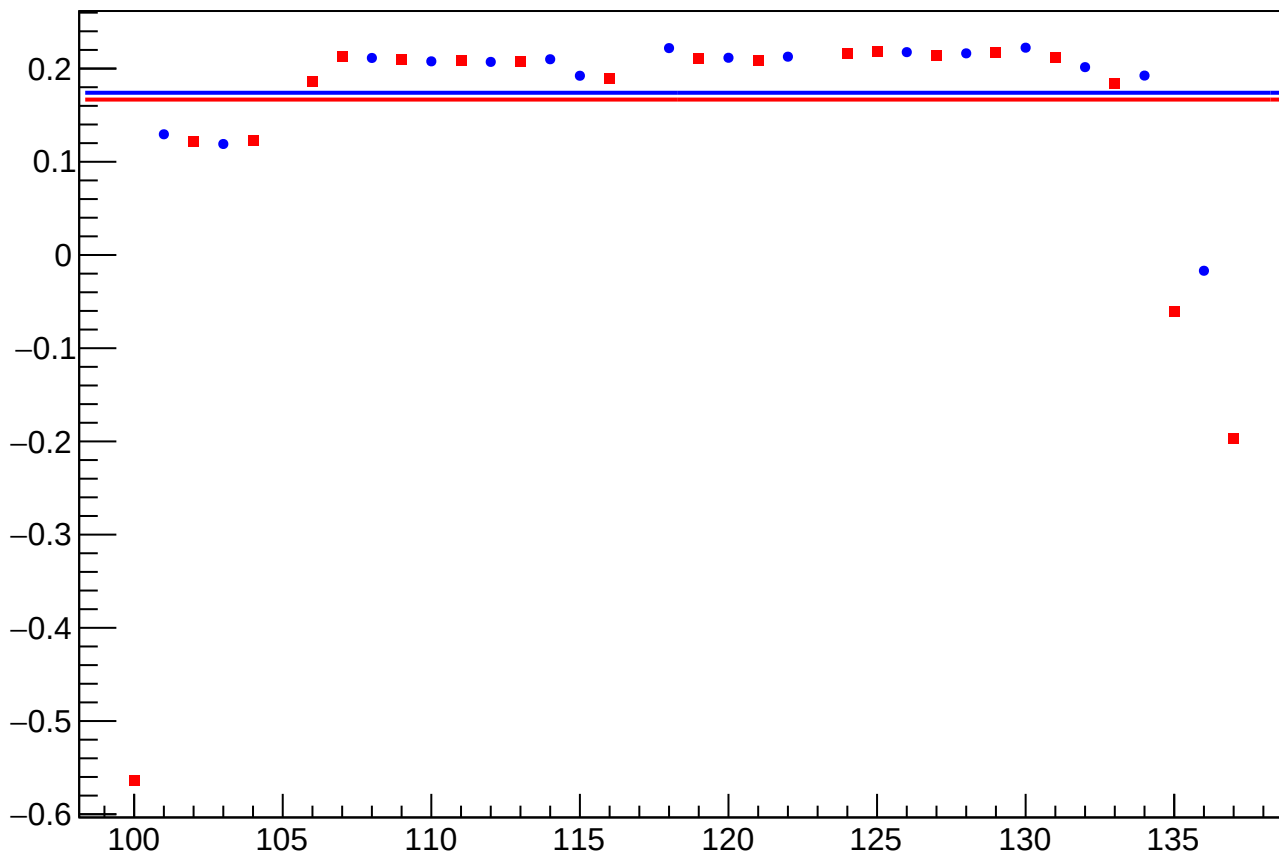
Right: 0.002+/-0.000 χ^2/NDF : 386364.7/34

In: 0.002+/-0.000 χ^2/NDF :208046.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 386364.7/34

yield_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 0.174+/-0.000 χ^2/NDF : 401946344.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.167+/-0.000 χ^2/NDF : 894131198.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

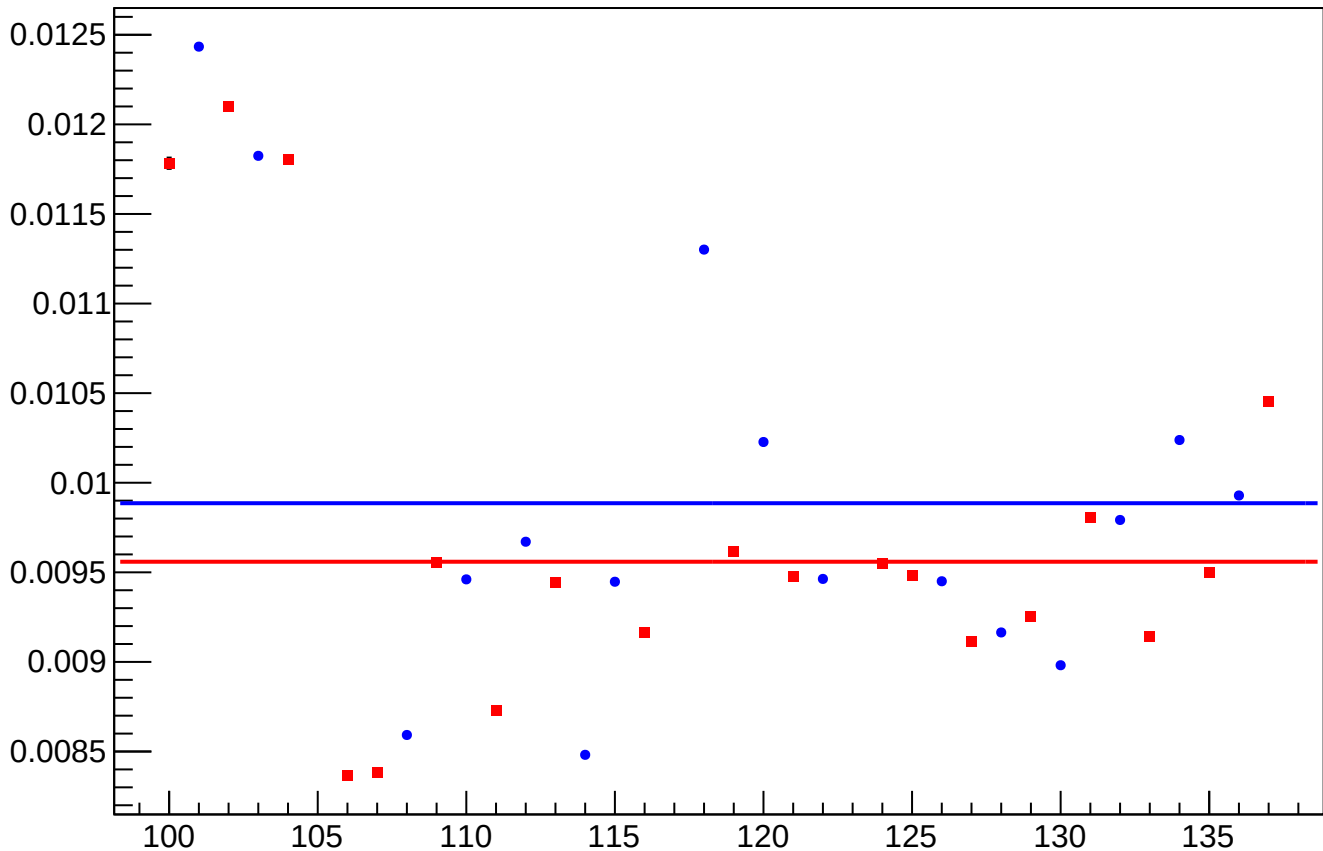
Right: 0.170+/-0.000 χ^2/NDF : 1298066263.7/34

In: 0.174+/-0.000 χ^2/NDF :401946344.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.170+/-0.000 χ^2/NDF : 1298066263.7/34

yield_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 0.010+/-0.000 χ^2/NDF : 148562.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 136197.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

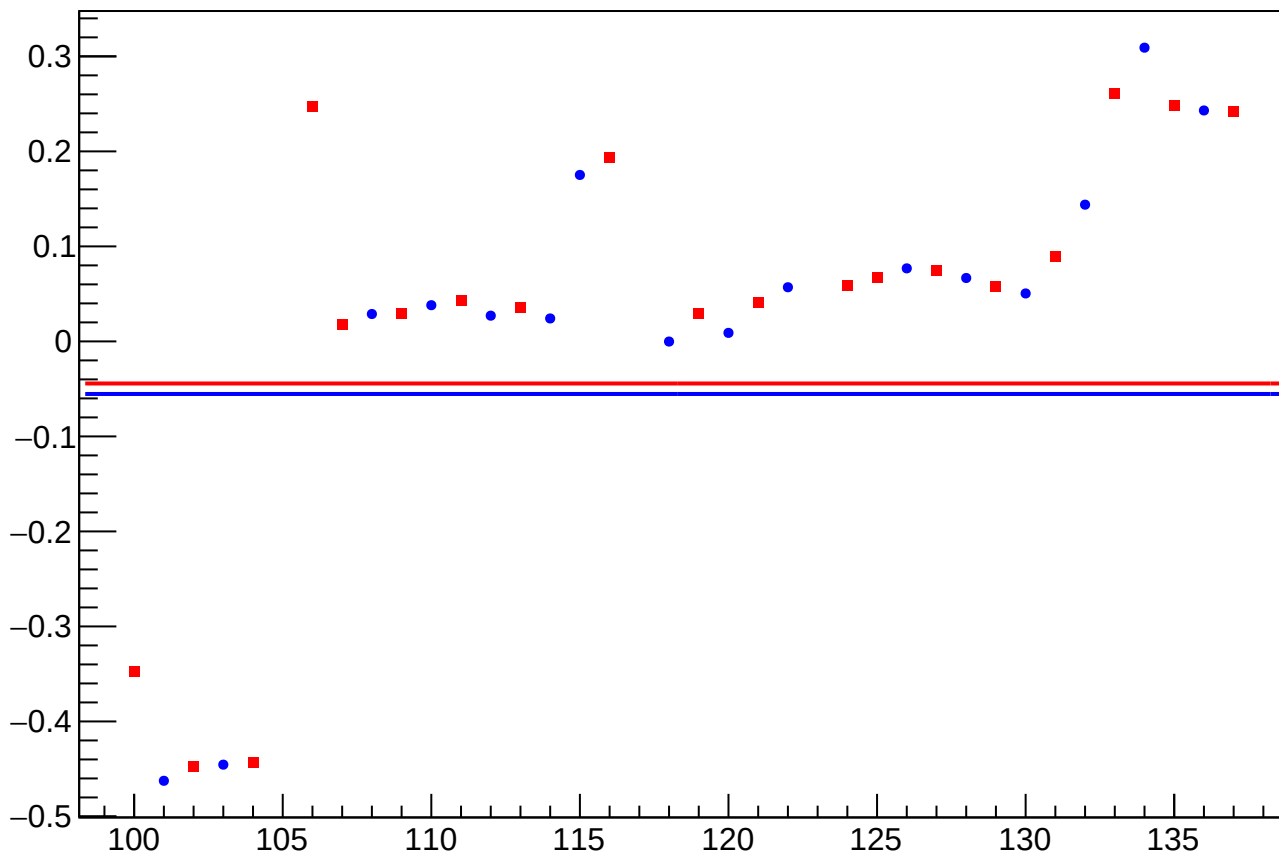
Right: 0.010+/-0.000 χ^2/NDF : 292678.0/34

In: 0.010+/-0.000 χ^2/NDF :148562.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.010+/-0.000 χ^2/NDF : 292678.0/34

yield_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -0.055+/-0.000 χ^2/NDF : 24081939190.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.044+/-0.000 χ^2/NDF : 22136167141.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

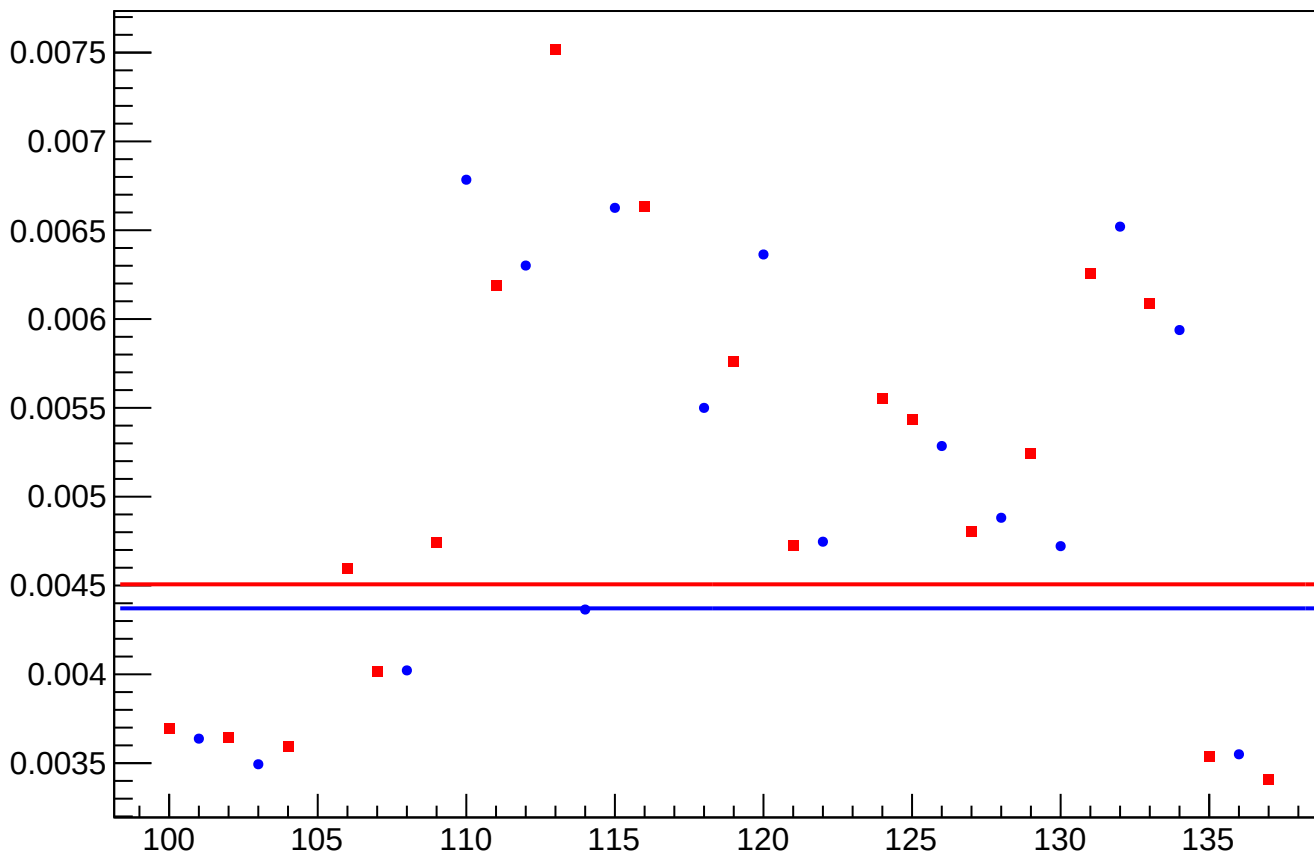
Right: -0.050+/-0.000 χ^2/NDF : 46237436160.9/34

In: -0.055+/-0.000 χ^2/NDF :24081939190.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.050+/-0.000 χ^2/NDF : 46237436160.9/34

yield_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 660432.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 704549.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

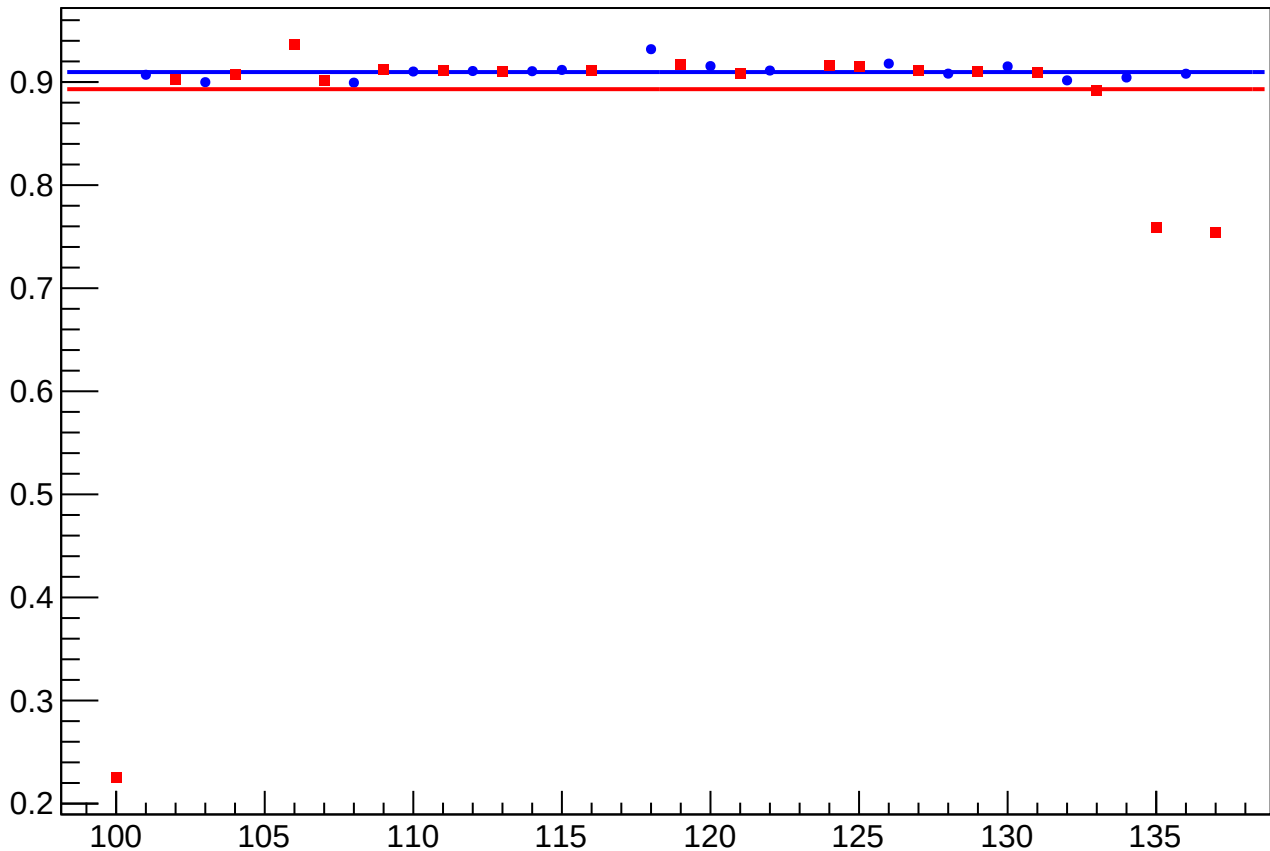
Right: 0.004+/-0.000 χ^2/NDF : 1370782.0/34

In: 0.004+/-0.000 χ^2/NDF :660432.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1370782.0/34

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910 $\pm$ 0.000 χ^2 /NDF: 3133349.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.893 $\pm$ 0.000 χ^2 /NDF: 327979021.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

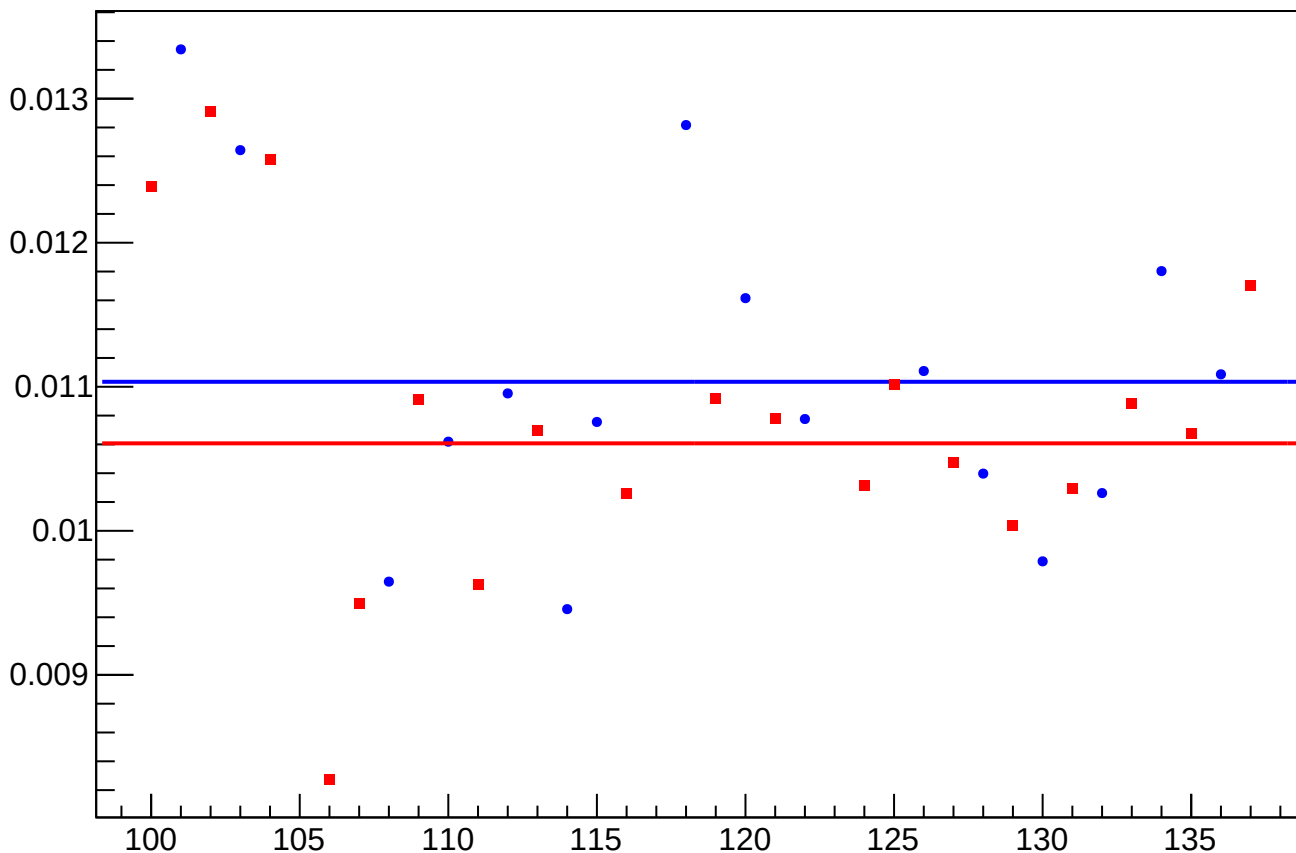
Right: 0.901 $\pm$ 0.000 χ^2 /NDF: 339373965.5/34

In: 0.910 $\pm$ 0.000 χ^2 /NDF:3133349.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.901 $\pm$ 0.000 χ^2 /NDF: 339373965.5/34

yield_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 0.011+/-0.000 χ^2/NDF : 130353.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 143947.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

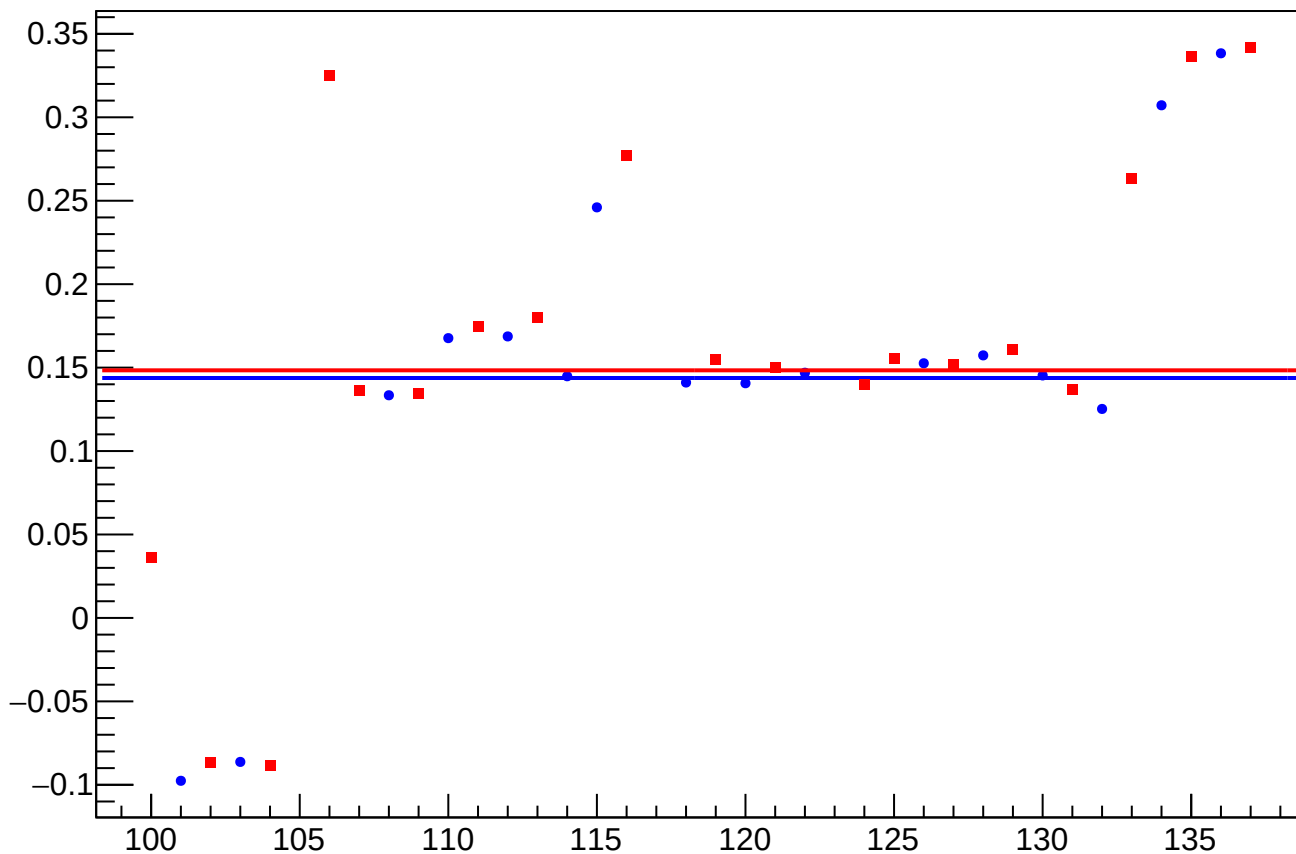
Right: 0.011+/-0.000 χ^2/NDF : 285253.7/34

In: 0.011+/-0.000 χ^2/NDF :130353.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.011+/-0.000 χ^2/NDF : 285253.7/34

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.144+/-0.000

χ^2/NDF : 7867304536.4/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.146+/-0.000 χ^2/NDF : 14999065697.1/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.144+/-0.000 χ^2/NDF : 7867304536.4/15

Right Out: 0.148+/-0.000

χ^2/NDF : 7128567107.5/18

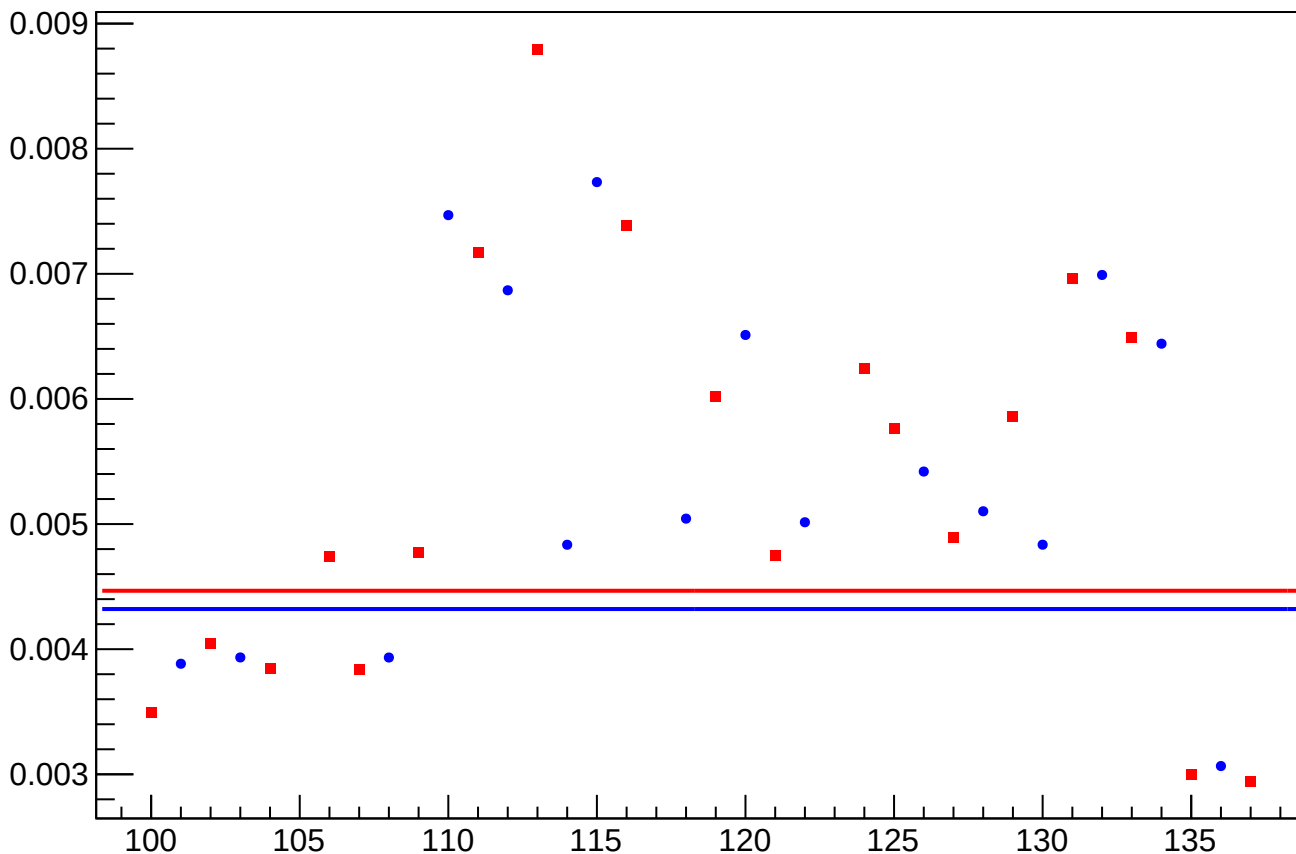
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.146+/-0.000 χ^2/NDF : 14999065697.1/34

yield_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 878343.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1085759.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

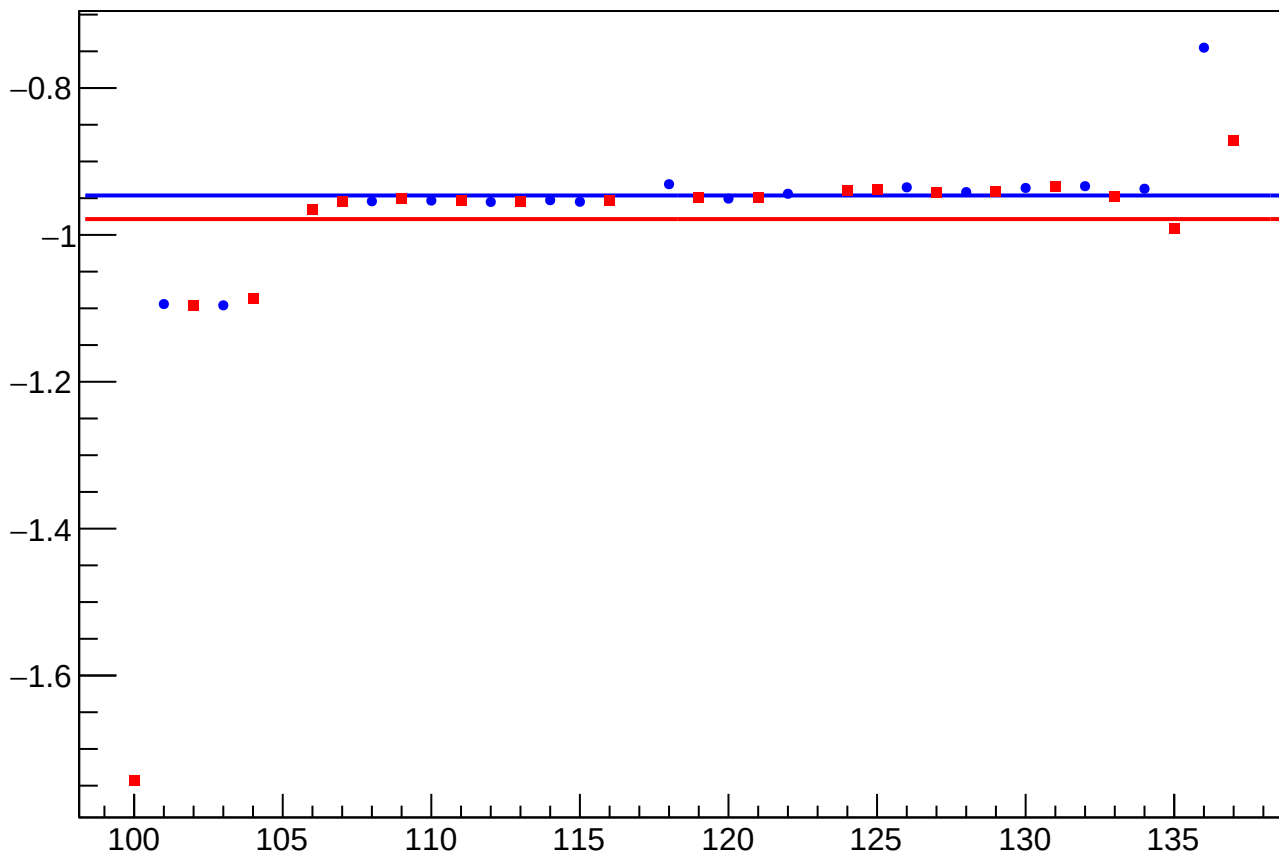
Right: 0.004+/-0.000 χ^2/NDF : 1970552.0/34

In: 0.004+/-0.000 χ^2/NDF :878343.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1970552.0/34

yield_bpm0l10X_mean vs Slug, Sign Corrected



Right In: -0.946+/-0.000 χ^2/NDF : 404509465.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.978+/-0.000 χ^2/NDF : 461081476.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

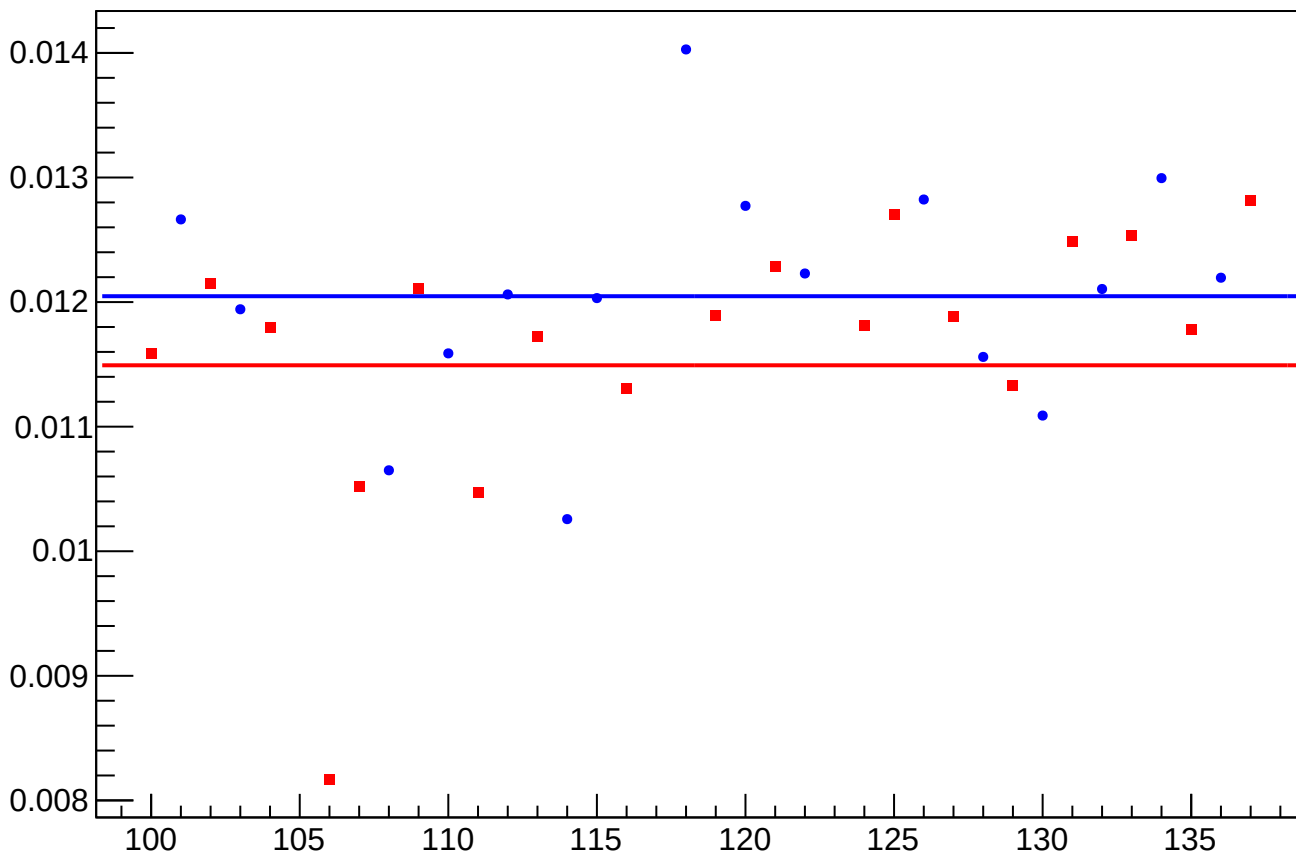
Right: -0.963+/-0.000 χ^2/NDF : 891693396.9/34

In: -0.946+/-0.000 χ^2/NDF :404509465.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.963+/-0.000 χ^2/NDF : 891693396.9/34

yield_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 62476.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 151309.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

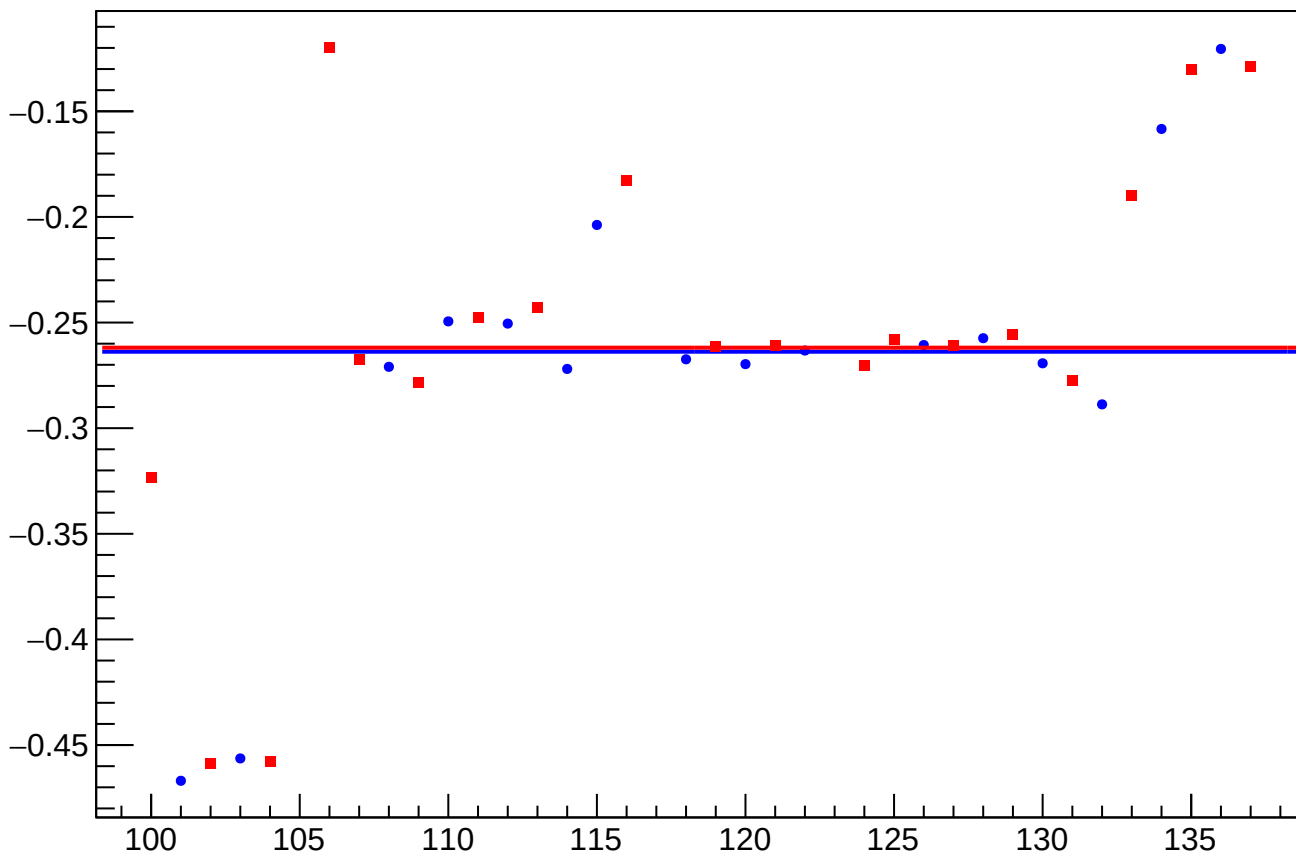
Right: 0.012+/-0.000 χ^2/NDF : 229327.8/34

In: 0.012+/-0.000 χ^2/NDF :62476.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 229327.8/34

yield_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -0.264+/-0.000 χ^2/NDF : 6106171444.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.262+/-0.000 χ^2/NDF : 5250043427.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

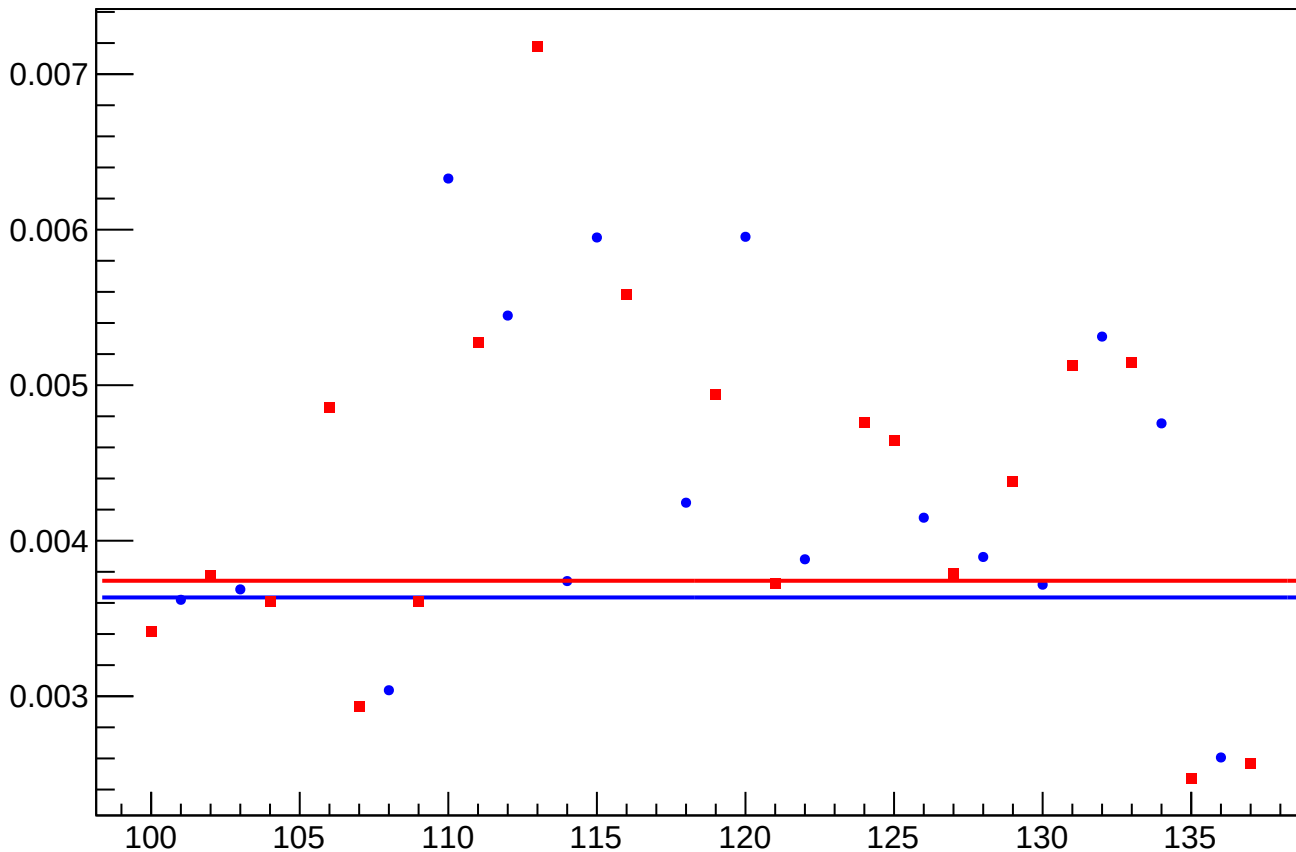
Right: -0.263+/-0.000 χ^2/NDF : 11357011784.3/34

In: -0.264+/-0.000 χ^2/NDF :6106171444.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.263+/-0.000 χ^2/NDF : 11357011784.3/34

yield_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000 χ^2/NDF : 728598.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 894189.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

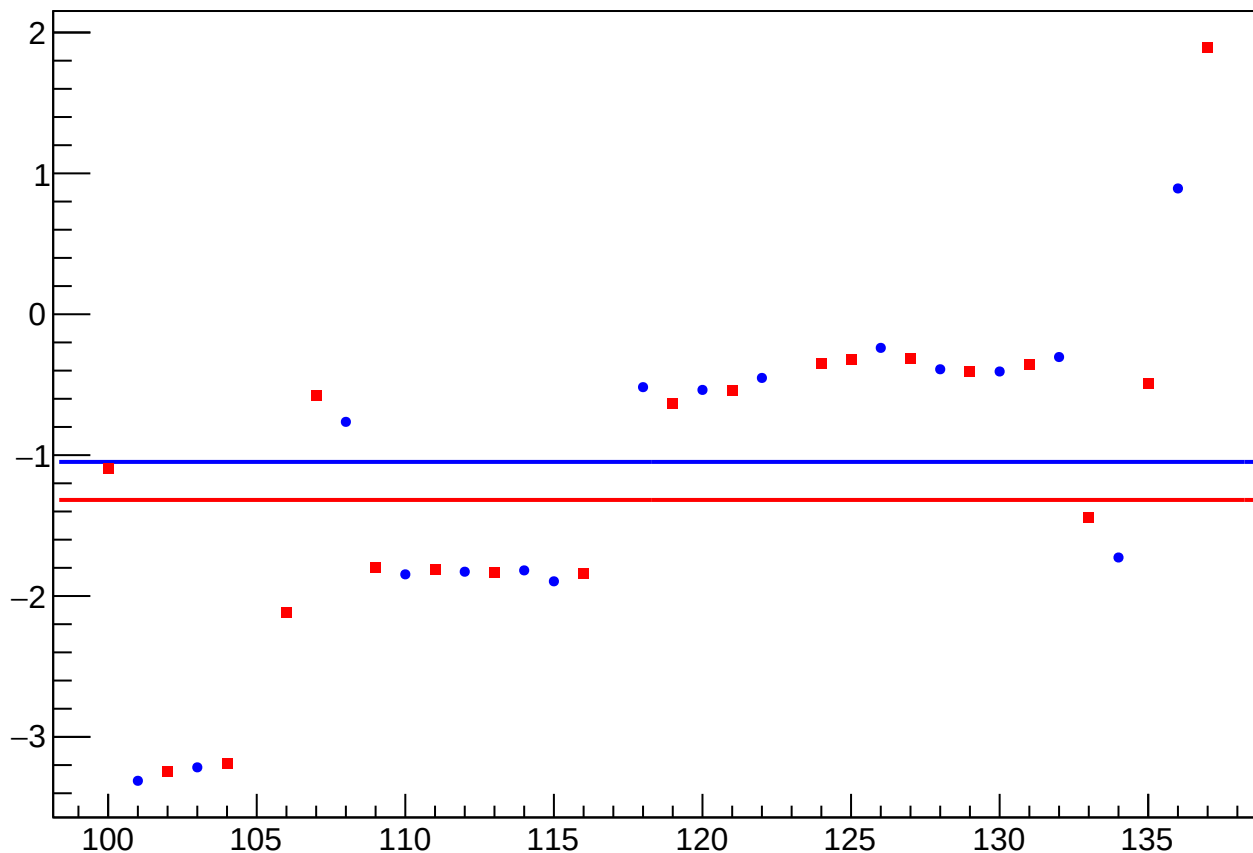
Right: 0.004+/-0.000 χ^2/NDF : 1627770.5/34

In: 0.004+/-0.000 χ^2/NDF :728598.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1627770.5/34

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.048+/-0.000 χ^2/NDF : 2347020985.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.318+/-0.000 χ^2/NDF : 1847995615.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

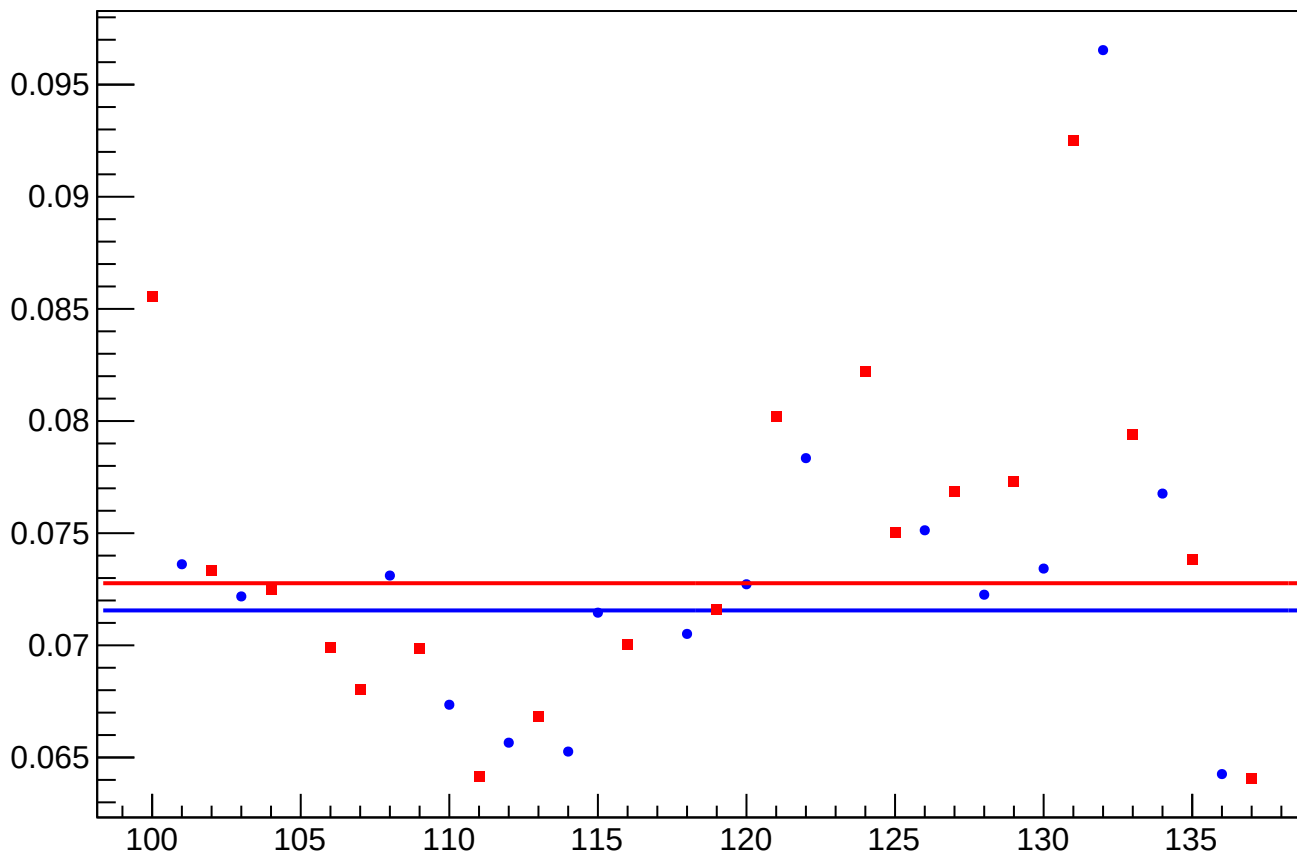
Right: -1.183+/-0.000 χ^2/NDF : 4244956360.2/34

In: -1.048+/-0.000 χ^2/NDF : 2347020985.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.183+/-0.000 χ^2/NDF : 4244956360.2/34

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 $\chi^2/\text{NDF}: 101238.7/15$

Left Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.073+/-0.000 $\chi^2/\text{NDF}: 96874.2/18$

Left In: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

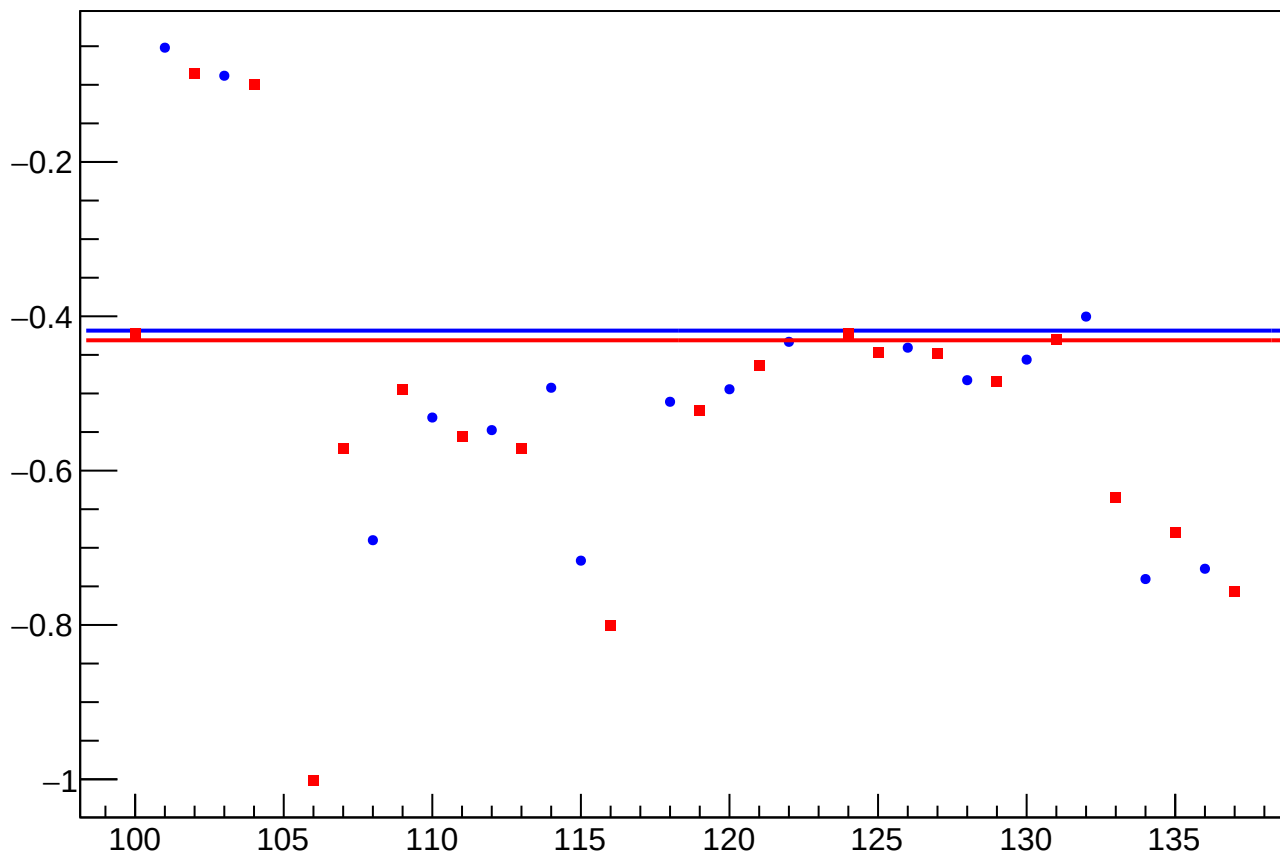
Right: 0.072+/-0.000 $\chi^2/\text{NDF}: 200129.9/34$

In: 0.072+/-0.000 $\chi^2/\text{NDF}: 101238.7/15$

Out: 0.000+/-0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.072+/-0.000 $\chi^2/\text{NDF}: 200129.9/34$

yield_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: -0.419+/-0.000 χ^2/NDF : 3072147227.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.431+/-0.000 χ^2/NDF : 3196655095.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

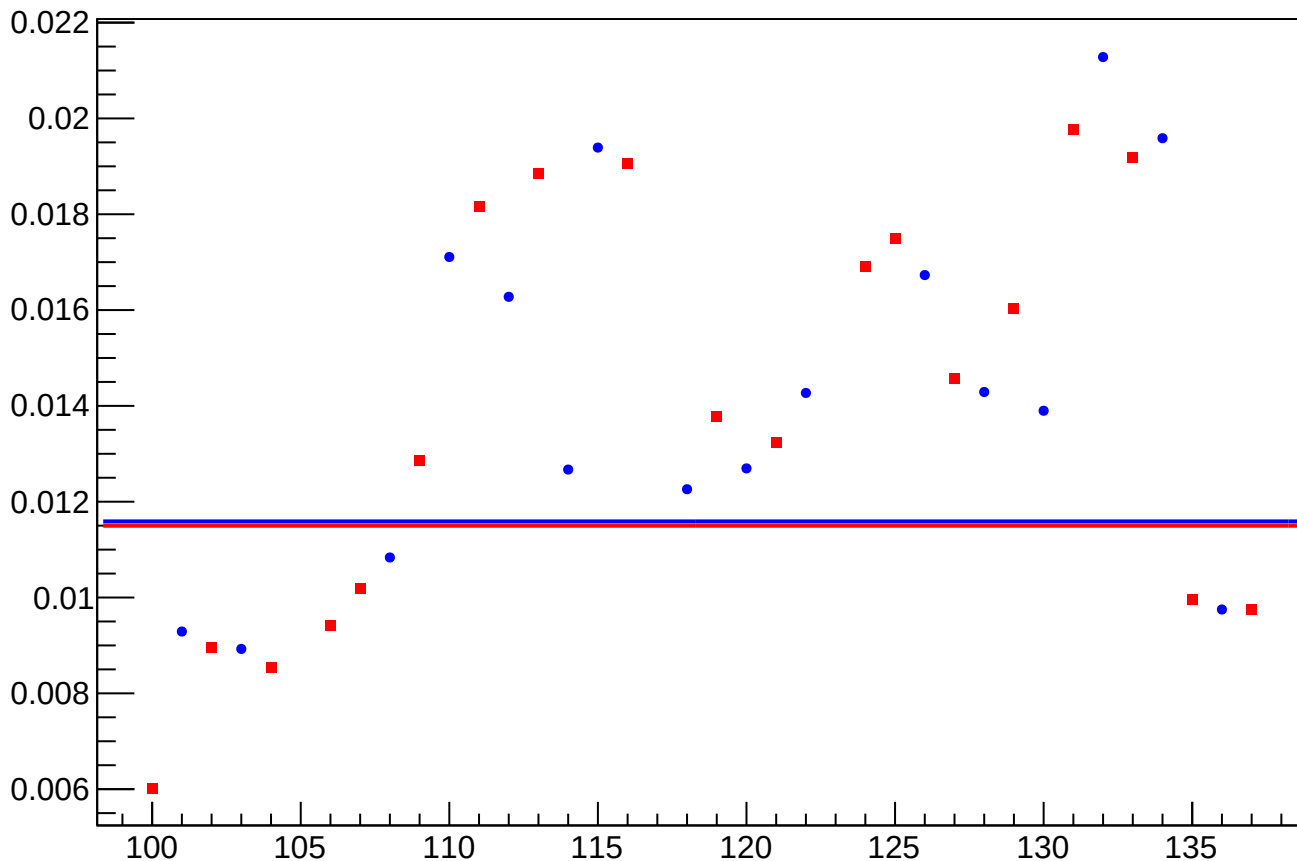
Right: -0.425+/-0.000 χ^2/NDF : 6272338159.2/34

In: -0.419+/-0.000 χ^2/NDF :3072147227.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.425+/-0.000 χ^2/NDF : 6272338159.2/34

yield_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 786260.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1164657.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

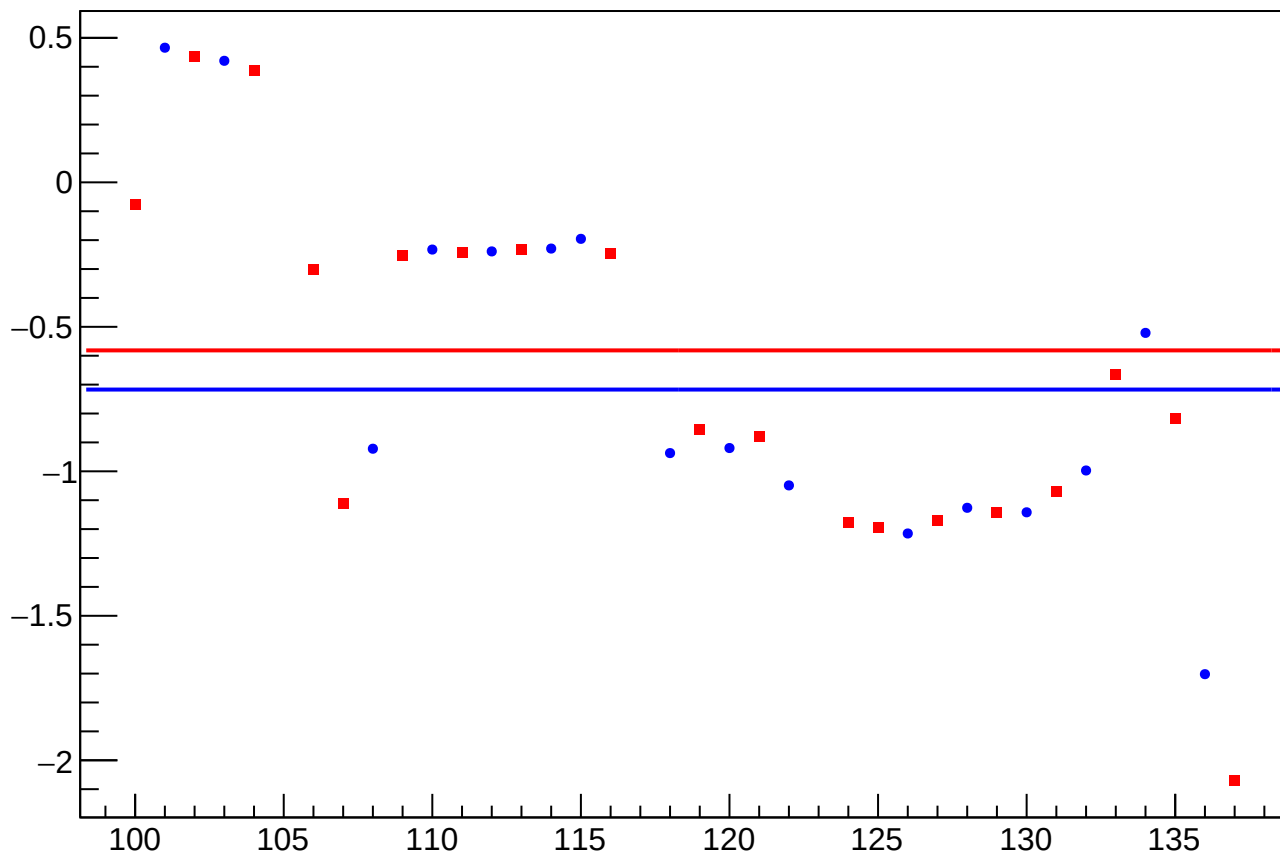
Right: 0.012+/-0.000 χ^2/NDF : 1951282.6/34

In: 0.012+/-0.000 χ^2/NDF :786260.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1951282.6/34

yield_bpm0r05X_mean vs Slug, Sign Corrected



Right In: -0.717+/-0.000 χ^2/NDF : 437423792.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.582+/-0.000 χ^2/NDF : 342062039.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

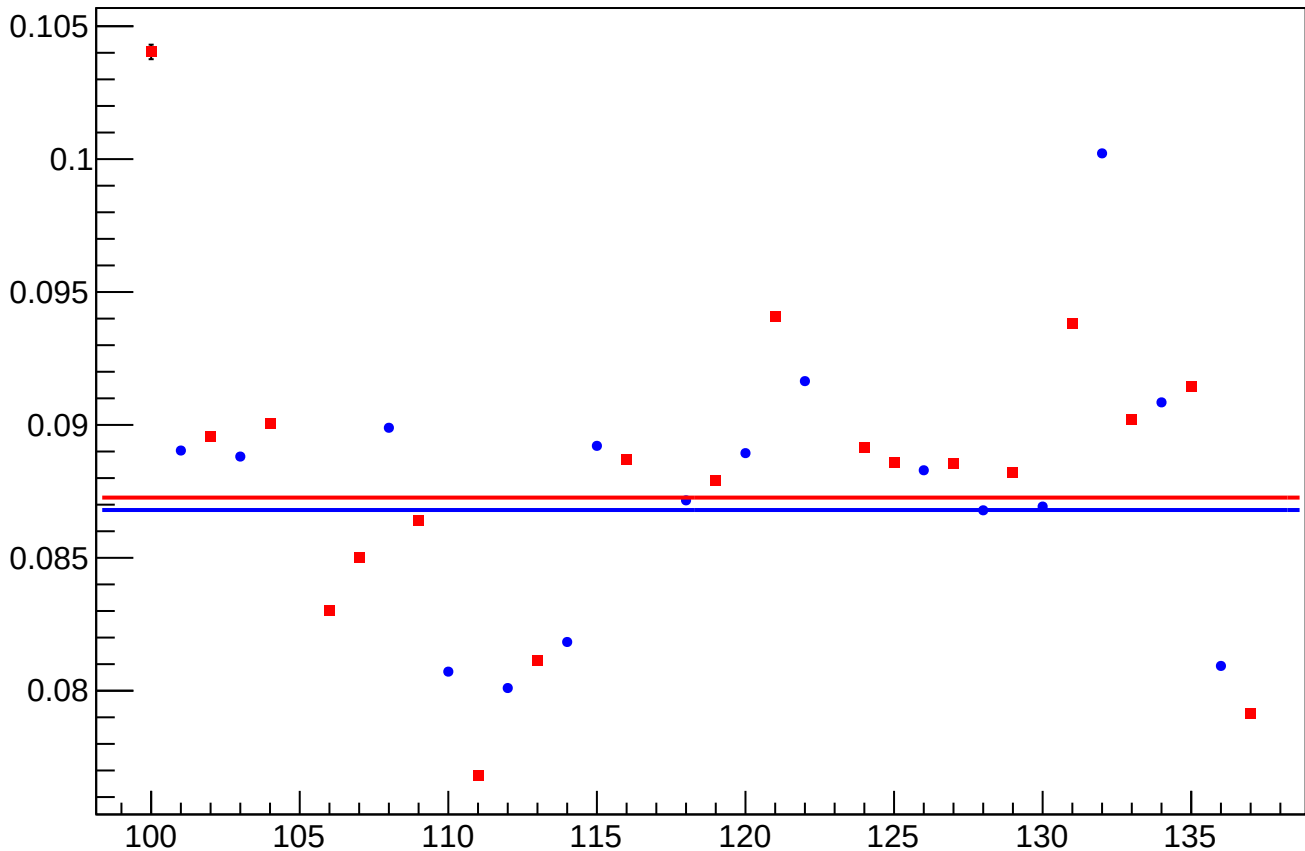
Right: -0.648+/-0.000 χ^2/NDF : 788347373.4/34

In: -0.717+/-0.000 χ^2/NDF :437423792.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.648+/-0.000 χ^2/NDF : 788347373.4/34

yield_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 0.087+/-0.000 χ^2/NDF : 43575.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 46163.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

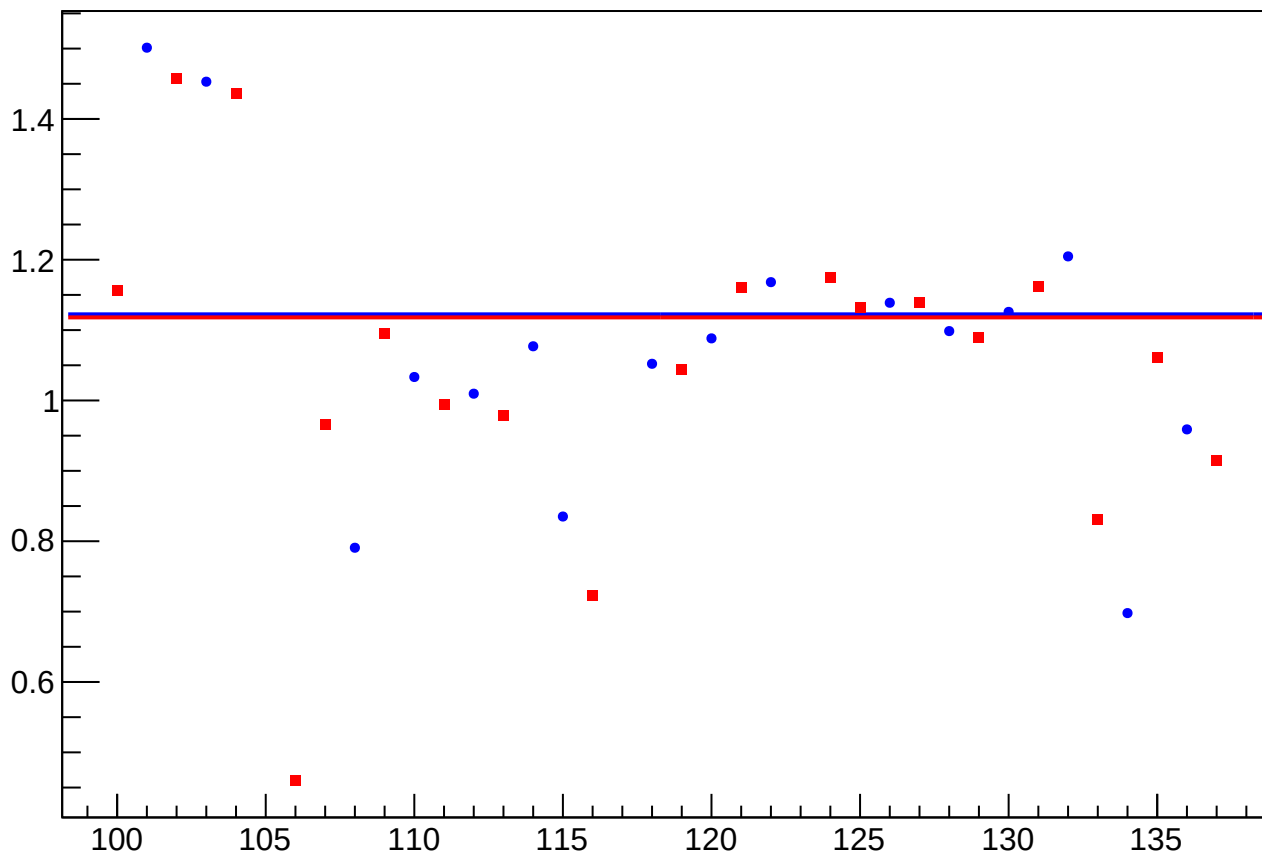
Right: 0.087+/-0.000 χ^2/NDF : 89950.5/34

In: 0.087+/-0.000 χ^2/NDF : 43575.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.087+/-0.000 χ^2/NDF : 89950.5/34

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.122+/-0.000

χ^2/NDF : 1454303379.1/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 1.120+/-0.000 χ^2/NDF : 3024831149.0/34

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.122+/-0.000 χ^2/NDF : 1454303379.1/15

Right Out: 1.118+/-0.000 χ^2/NDF : 1570269350.9/18

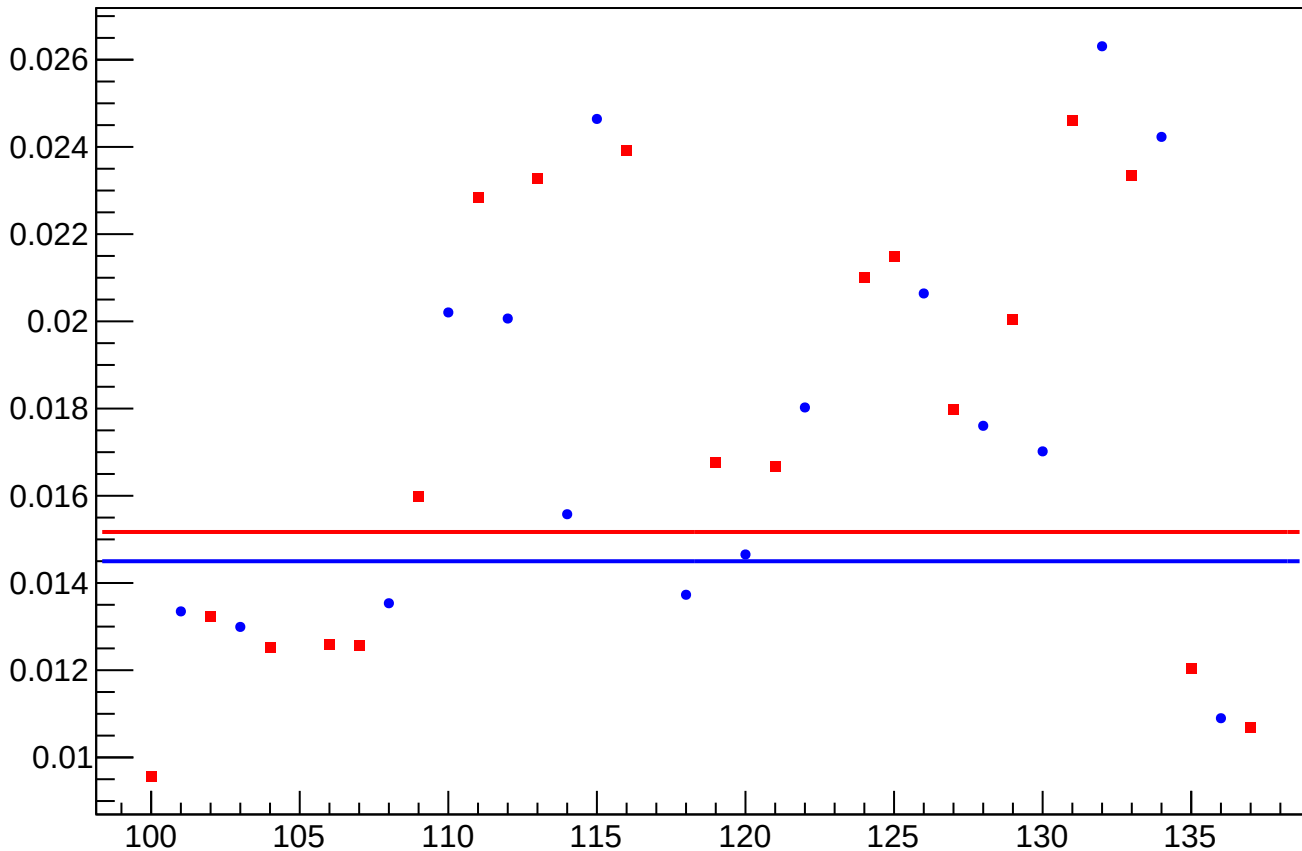
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.120+/-0.000 χ^2/NDF : 3024831149.0/34

yield_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000 χ^2/NDF : 710345.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 864637.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

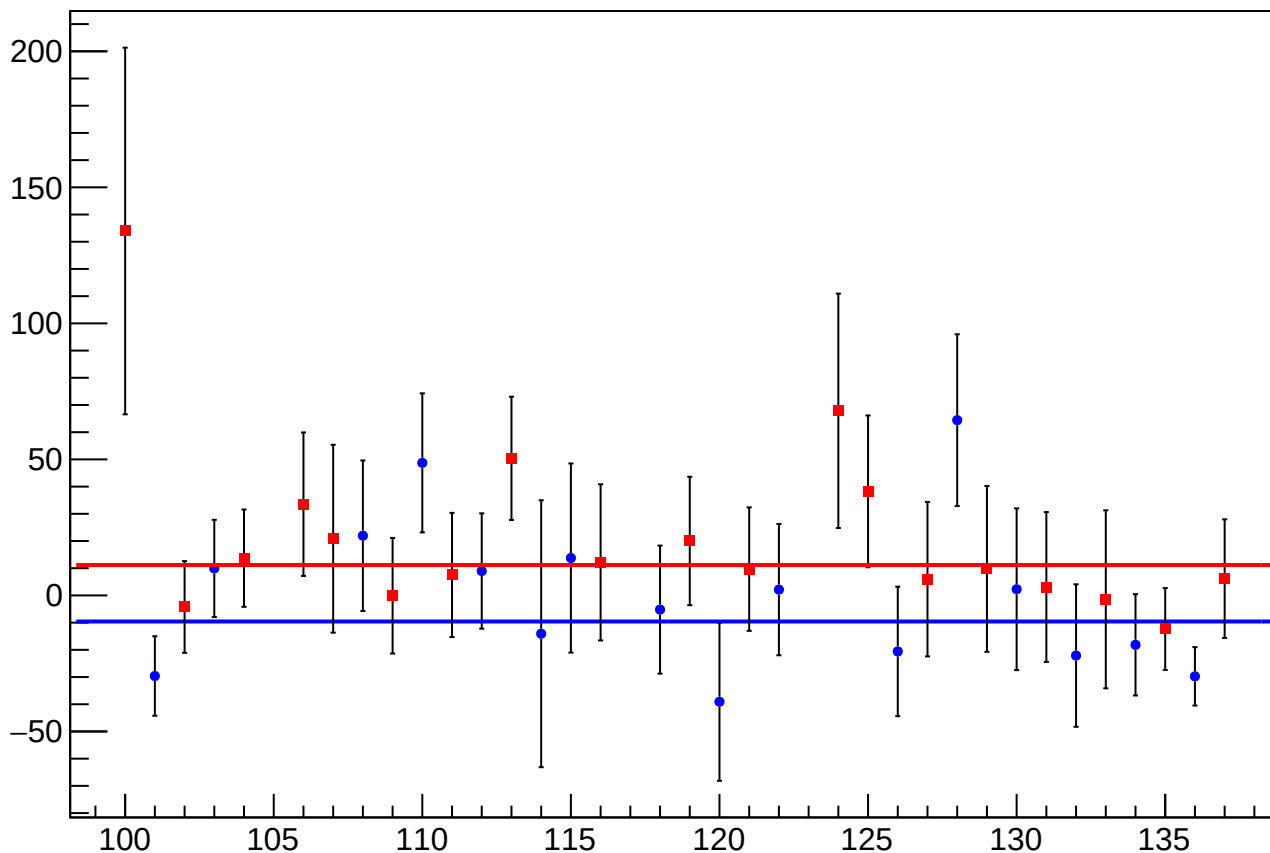
Right: 0.015+/-0.000 χ^2/NDF : 1587355.3/34

In: 0.014+/-0.000 χ^2/NDF :710345.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.015+/-0.000 χ^2/NDF : 1587355.3/34

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -9.581 $\pm$ 5.291 χ^2 /NDF: 21.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.177 $\pm$ 5.497 χ^2 /NDF: 13.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

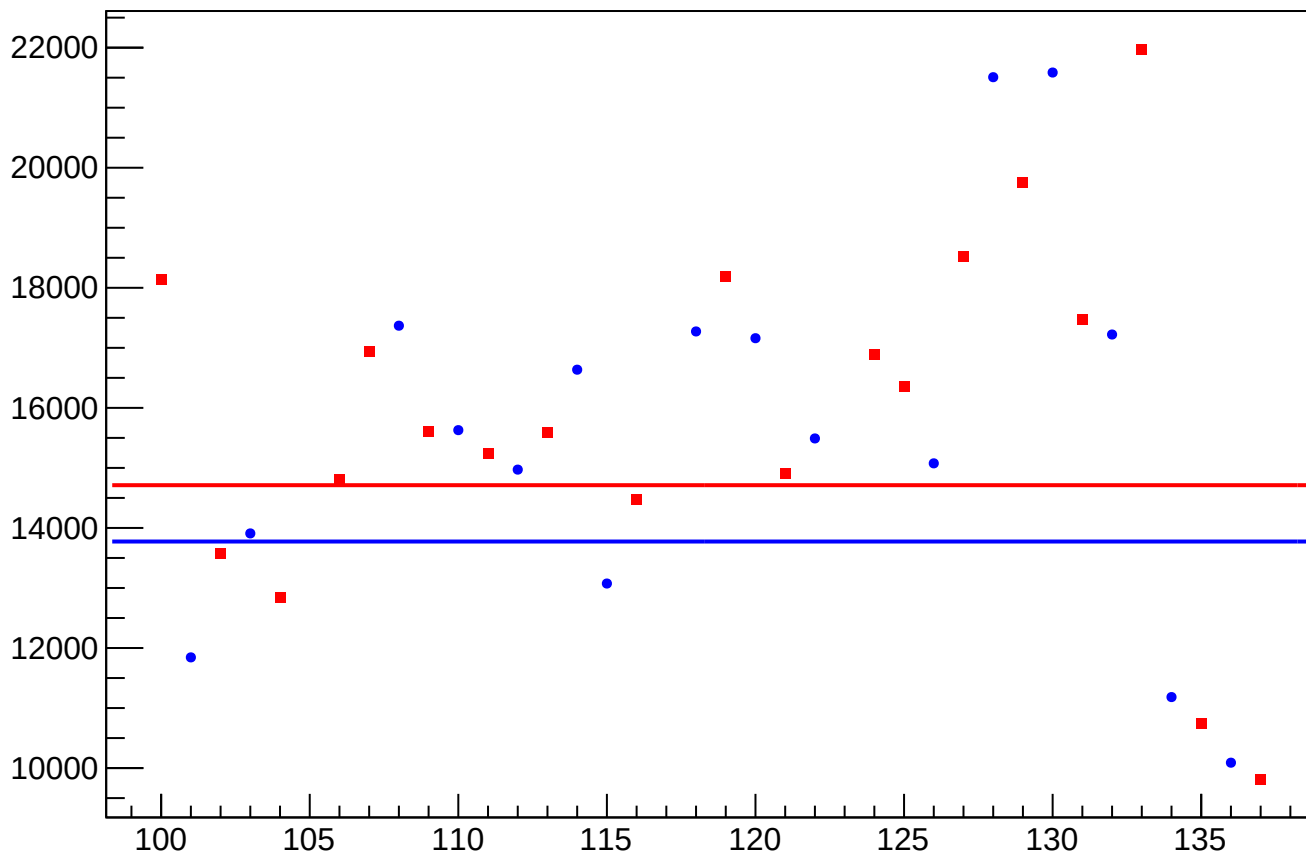
Right: 0.401 $\pm$ 3.812 χ^2 /NDF: 43.2/34

In: -9.581 $\pm$ 5.291 χ^2 /NDF:21.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.401 $\pm$ 3.812 χ^2 /NDF: 43.2/34

diff_bpm4aX_rms vs Slug, Sign Corrected



Right In: 13773.886+/-3.741 χ^2/NDF : 747586.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14712.201+/-3.887 χ^2/NDF : 557305.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

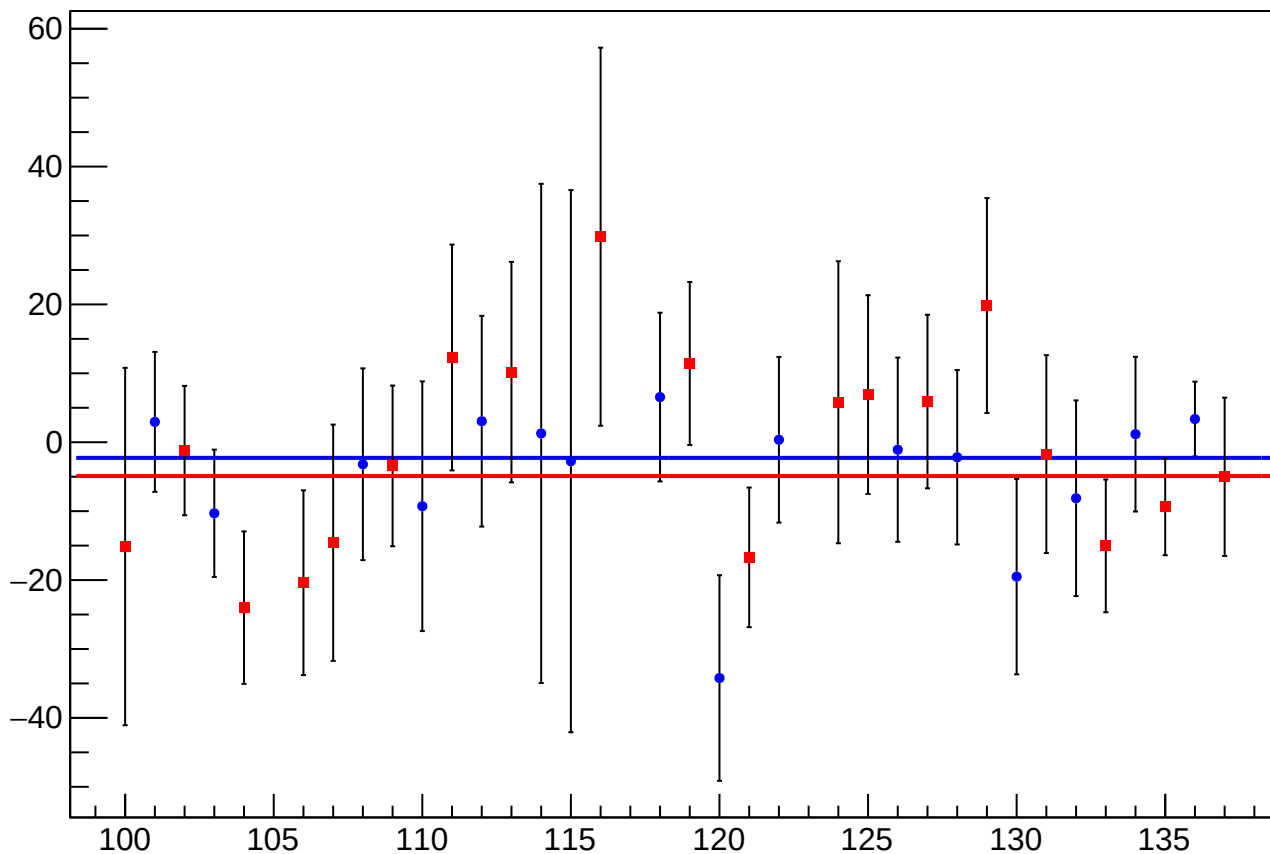
Right: 14225.090+/-2.695 χ^2/NDF : 1335141.9/34

In: 13773.886+/-3.741 χ^2/NDF : 747586.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14225.090+/-2.695 χ^2/NDF : 1335141.9/34

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -2.267 ± 2.922 χ^2/NDF : 9.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.904 ± 2.836 χ^2/NDF : 17.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

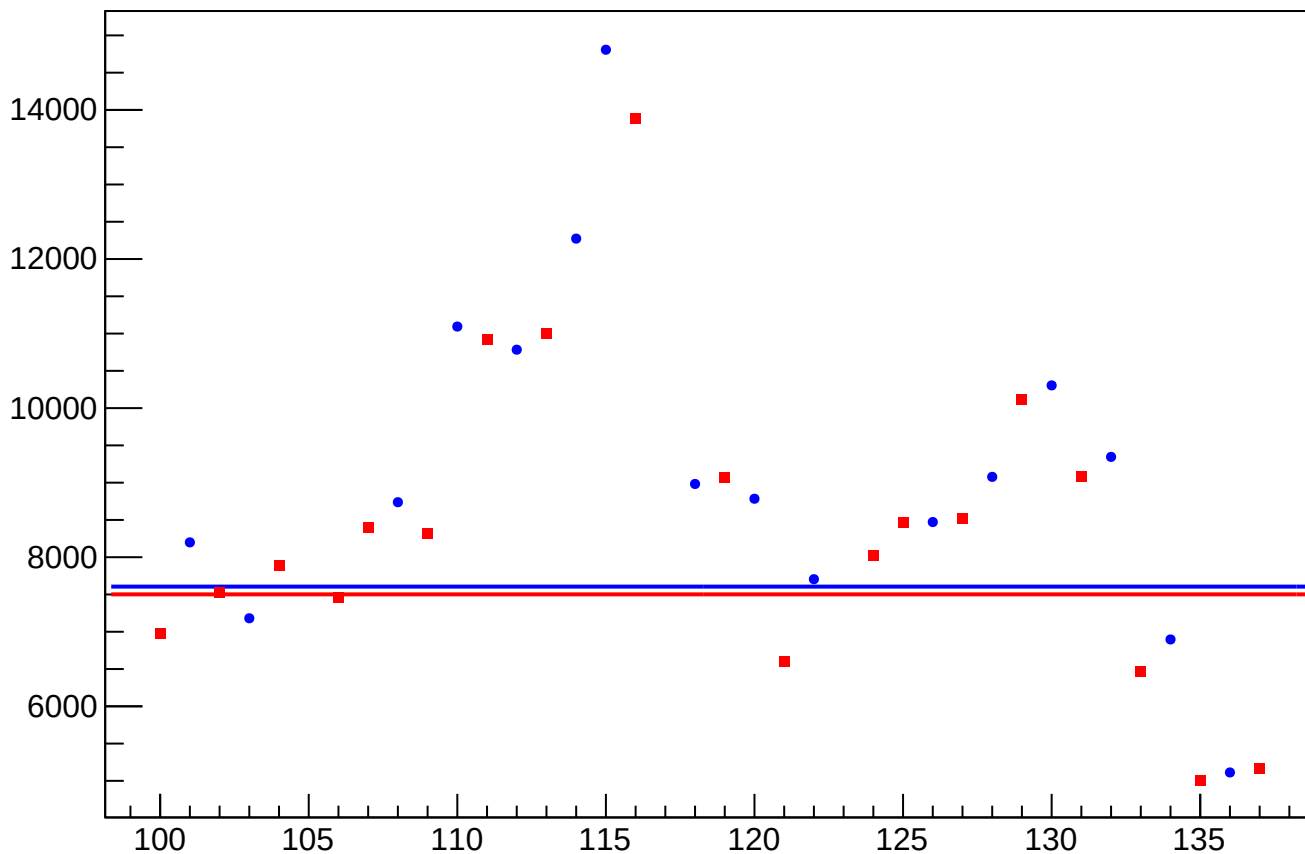
Right: -3.625 ± 2.035 χ^2/NDF : 27.3/34

In: -2.267 ± 2.922 χ^2/NDF : 9.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.625 ± 2.035 χ^2/NDF : 27.3/34

diff_bpm4aY_rms vs Slug, Sign Corrected



Right In: 7605.700+/-2.066 χ^2/NDF : 891494.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7501.522+/-2.005 χ^2/NDF : 823557.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

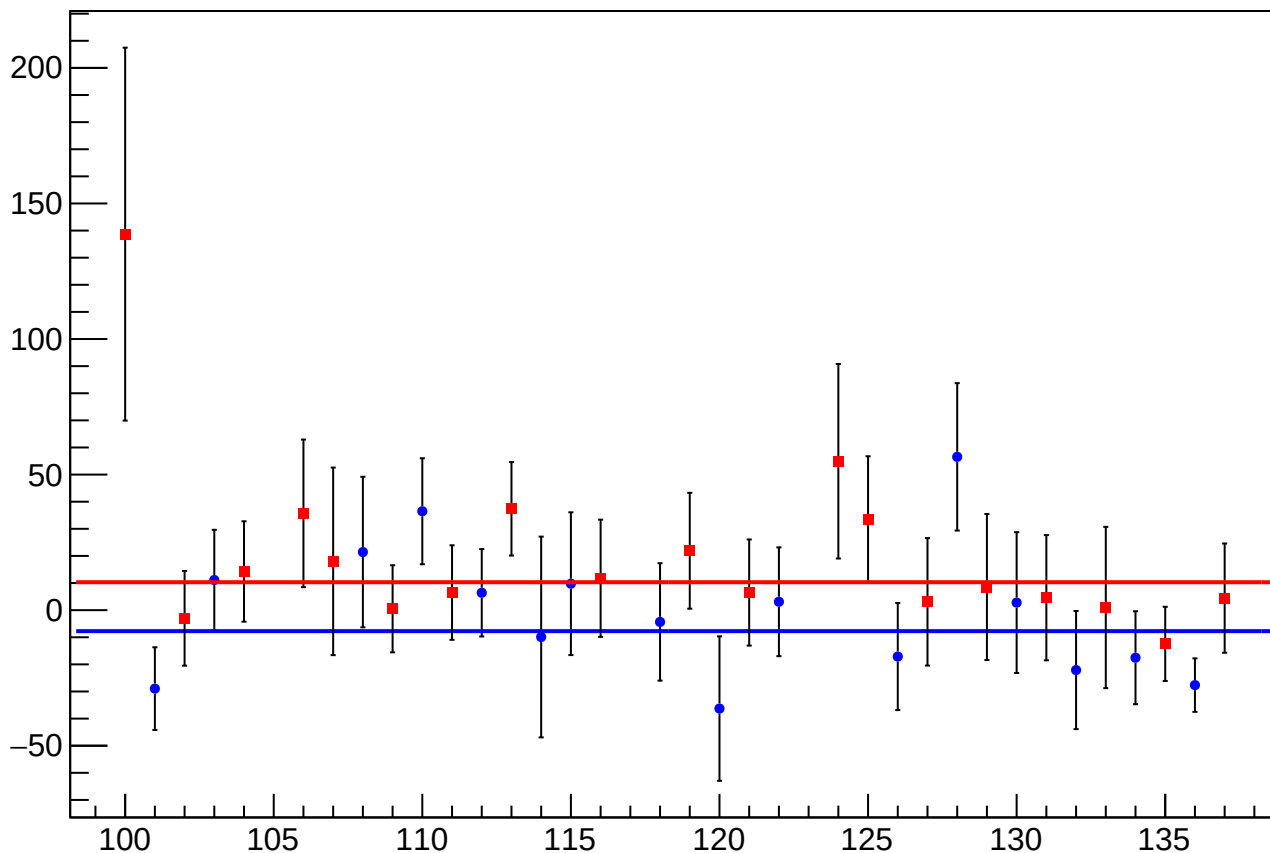
Right: 7552.053+/-1.439 χ^2/NDF : 1716360.9/34

In: 7605.700+/-2.066 χ^2/NDF : 891494.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7552.053+/-1.439 χ^2/NDF : 1716360.9/34

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -7.741+/-4.748 χ^2/NDF : 22.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.307+/-4.840 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

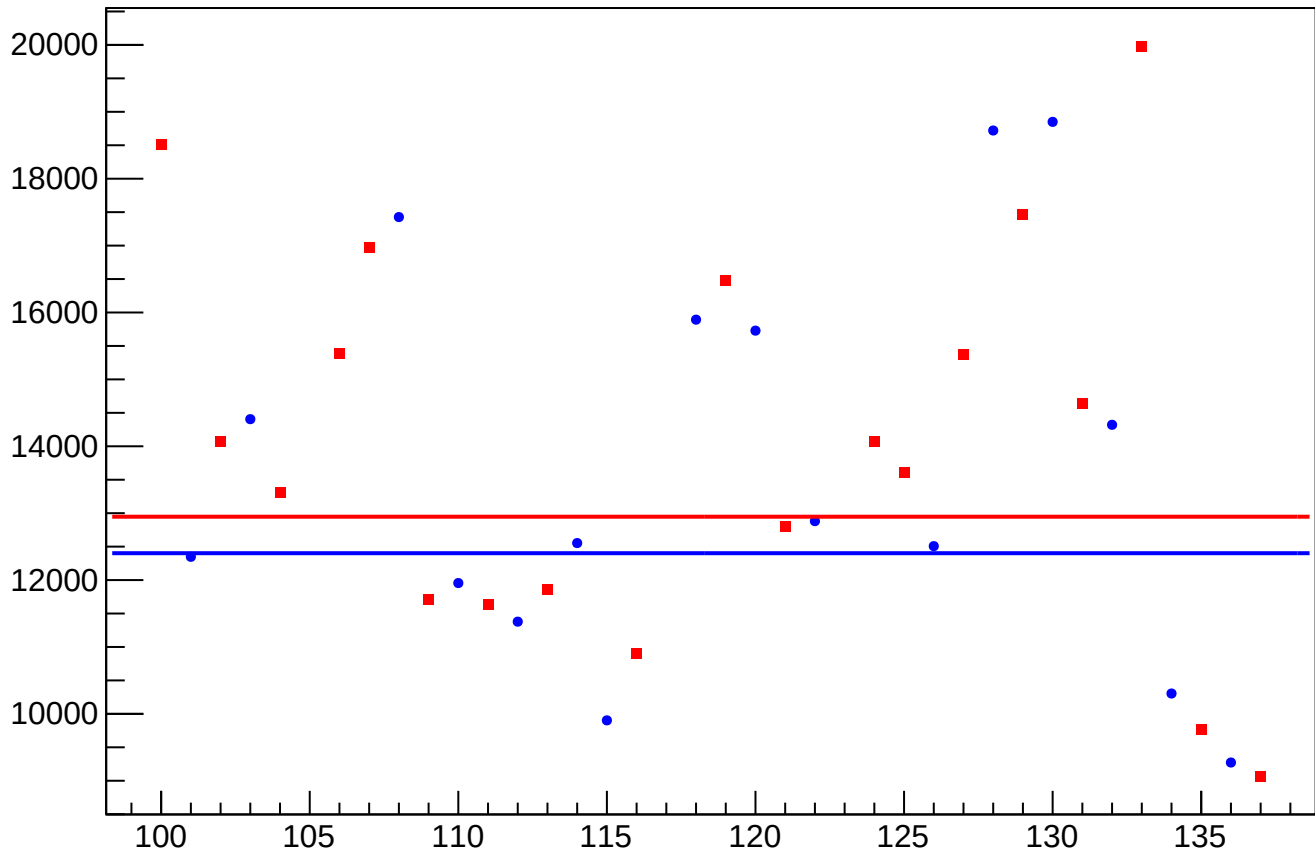
Right: 1.111+/-3.389 χ^2/NDF : 43.7/34

In: -7.741+/-4.748 χ^2/NDF : 22.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.111+/-3.389 χ^2/NDF : 43.7/34

diff_bpm4eX_rms vs Slug, Sign Corrected



Right In: 12401.769+/-3.357 χ^2/NDF : 678310.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12947.255+/-3.422 χ^2/NDF : 555198.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

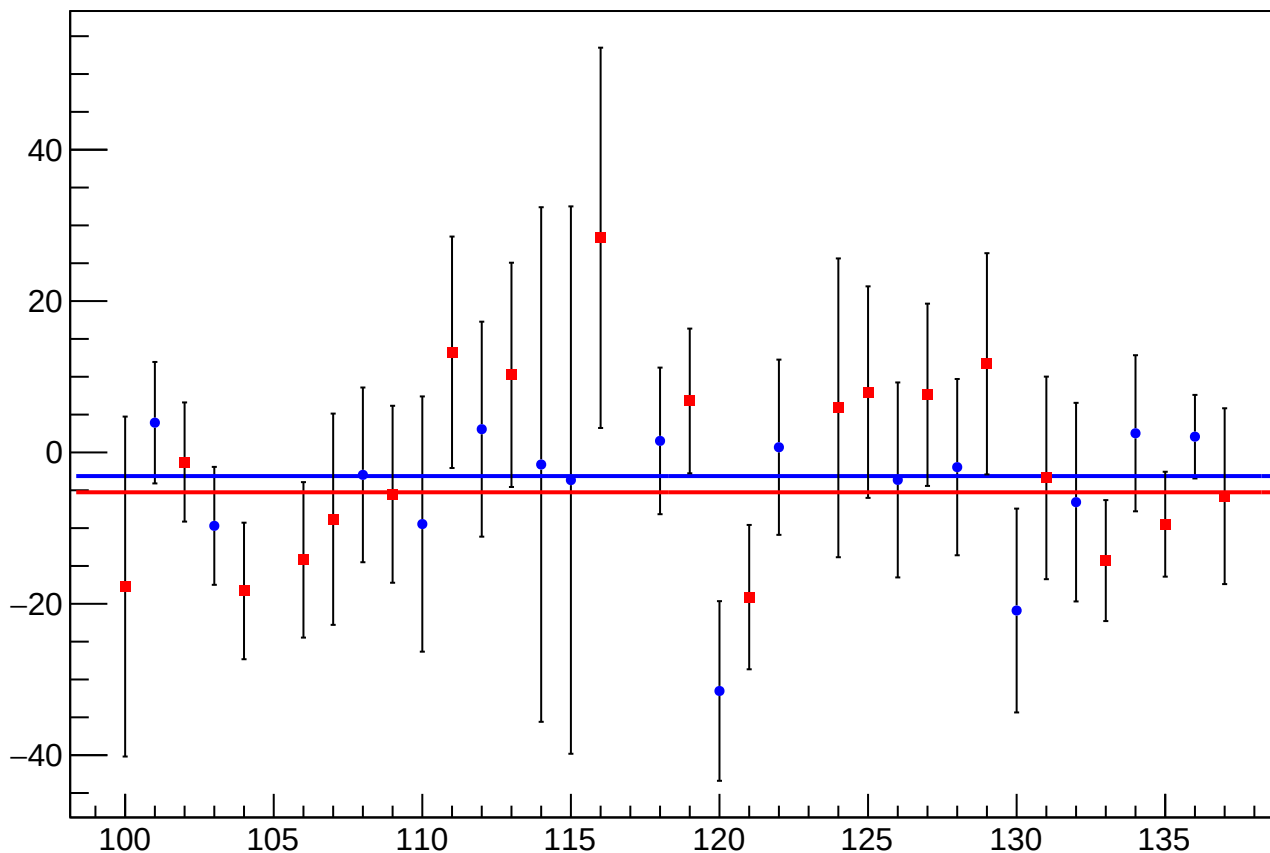
Right: 12669.304+/-2.397 χ^2/NDF : 1246455.4/34

In: 12401.769+/-3.357 χ^2/NDF : 678310.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12669.304+/-2.397 χ^2/NDF : 1246455.4/34

diff_bpm4eY_mean vs Slug, Sign Corrected



Right In: -3.123+/-2.656 χ^2/NDF : 10.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.265+/-2.553 χ^2/NDF : 16.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

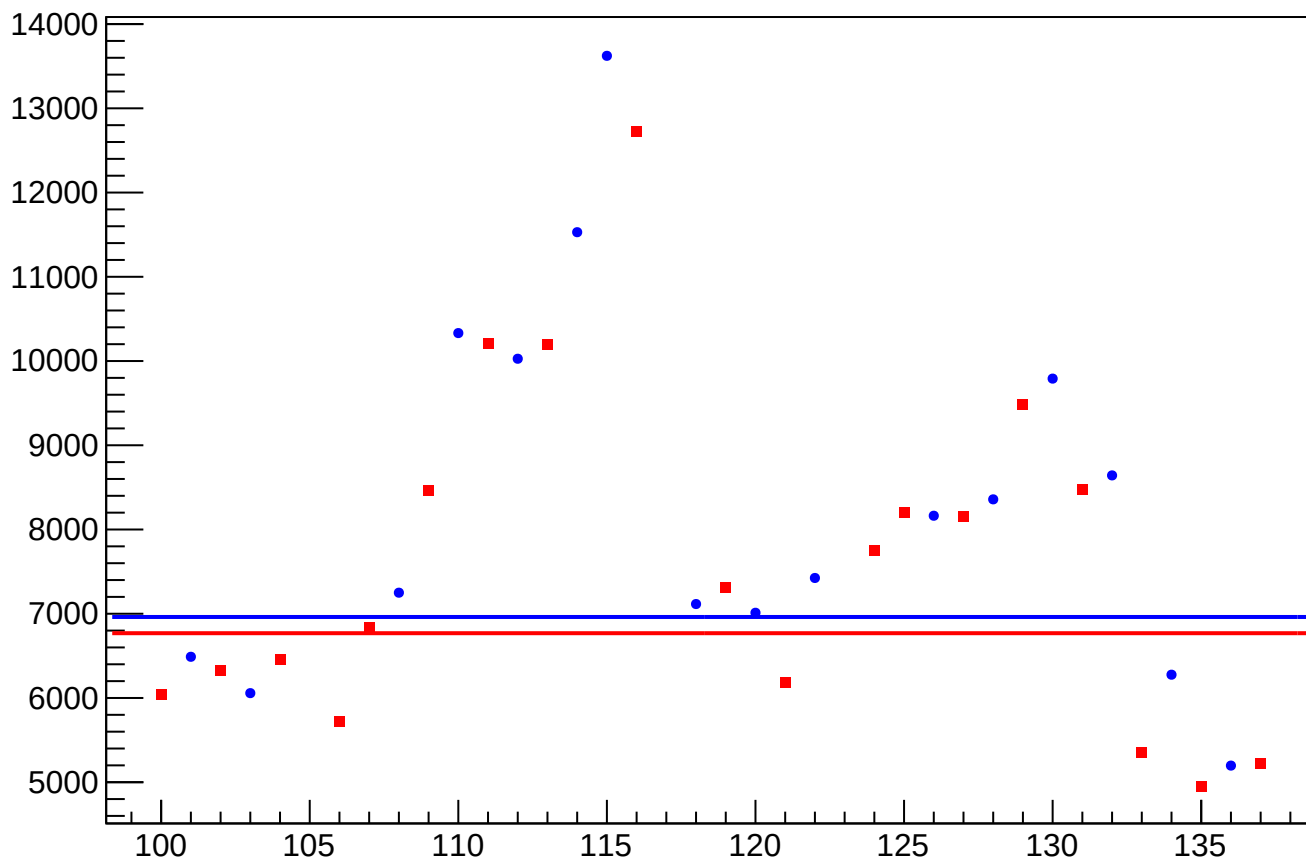
Right: -4.236+/-1.840 χ^2/NDF : 28.1/34

In: -3.123+/-2.656 χ^2/NDF : 10.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.236+/-1.840 χ^2/NDF : 28.1/34

diff_bpm4eY_rms vs Slug, Sign Corrected



Right In: 6961.606+/-1.878 χ^2/NDF : 696410.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6768.993+/-1.805 χ^2/NDF : 798105.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

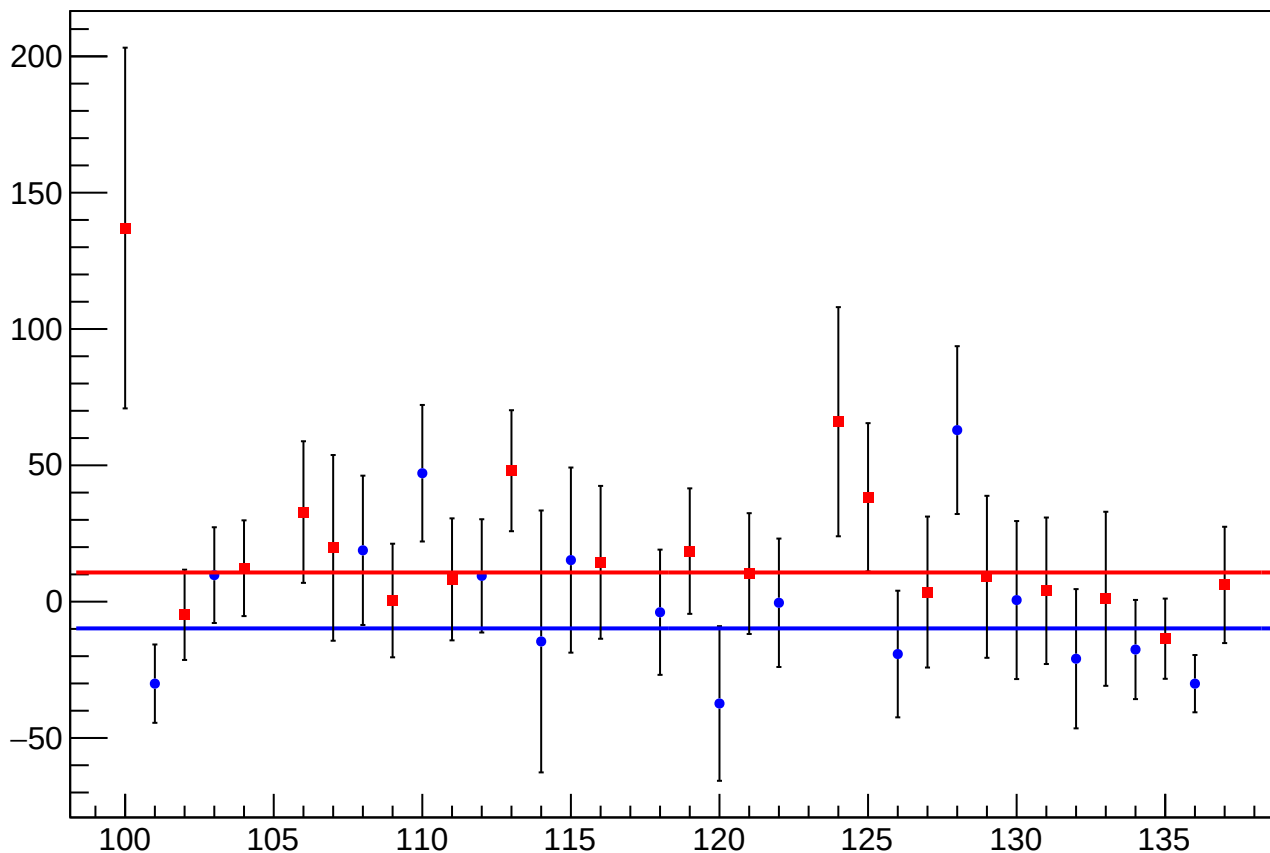
Right: 6861.506+/-1.301 χ^2/NDF : 1499983.0/34

In: 6961.606+/-1.878 χ^2/NDF : 696410.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6861.506+/-1.301 χ^2/NDF : 1499983.0/34

diff_bpm4acX_mean vs Slug, Sign Corrected



Right In: -9.810+/-5.178 χ^2/NDF : 22.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.703+/-5.381 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

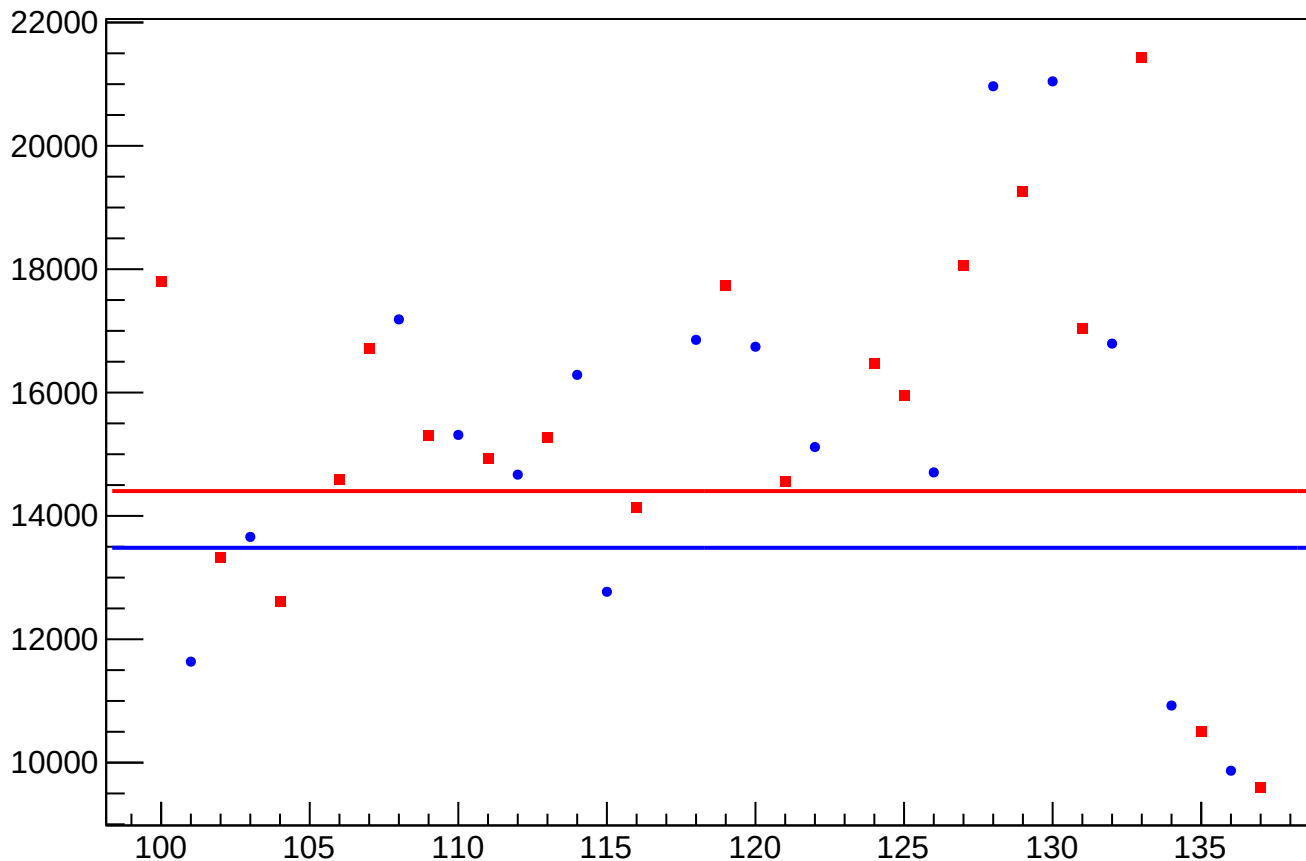
Right: 0.053+/-3.731 χ^2/NDF : 43.9/34

In: -9.810+/-5.178 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.053+/-3.731 χ^2/NDF : 43.9/34

diff_bpm4acX_rms vs Slug, Sign Corrected



Right In: 13482.879+/-3.661 χ^2/NDF : 743704.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14402.670+/-3.805 χ^2/NDF : 552430.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

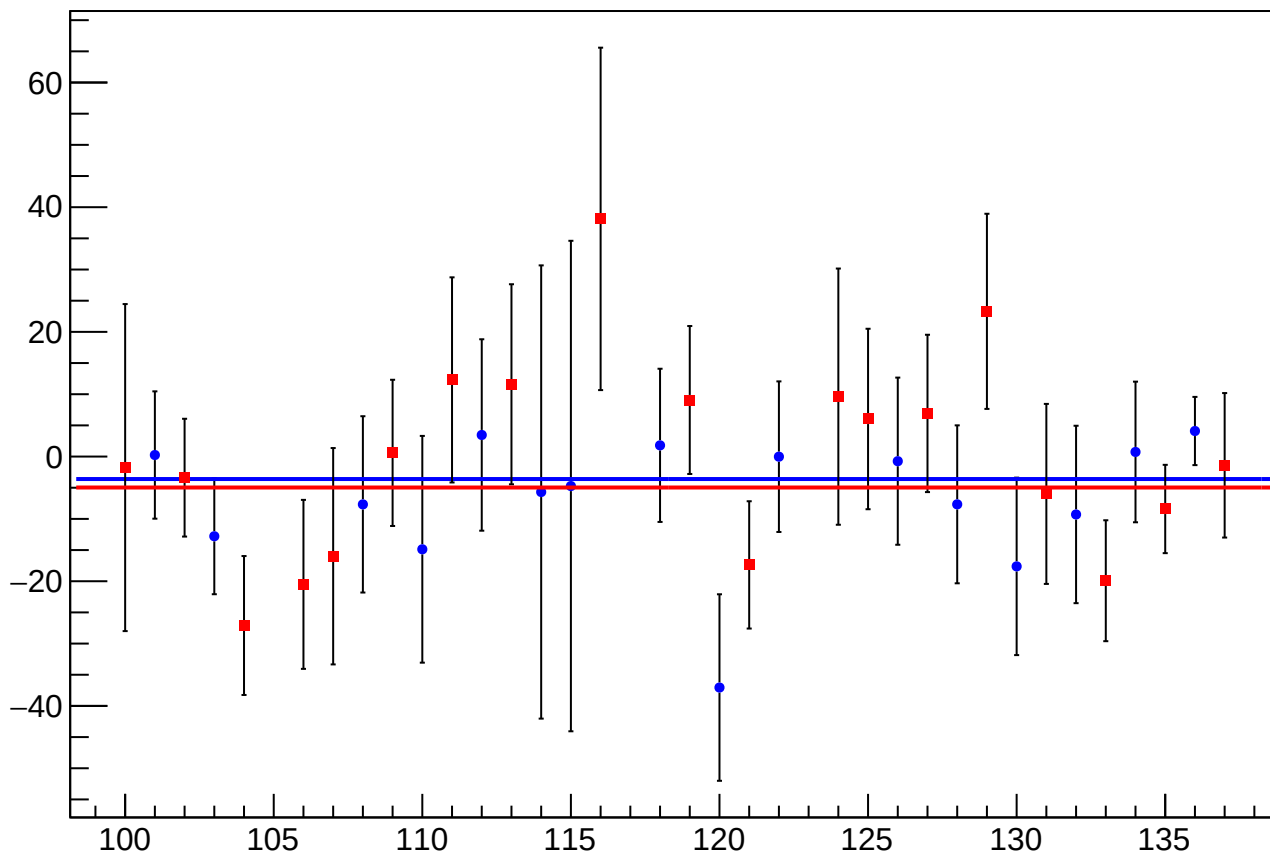
Right: 13925.139+/-2.638 χ^2/NDF : 1326477.7/34

In: 13482.879+/-3.661 χ^2/NDF : 743704.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13925.139+/-2.638 χ^2/NDF : 1326477.7/34

diff_bpm4acY_mean vs Slug, Sign Corrected



Right In: -3.605+/-2.940 χ^2/NDF : 10.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.965+/-2.855 χ^2/NDF : 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

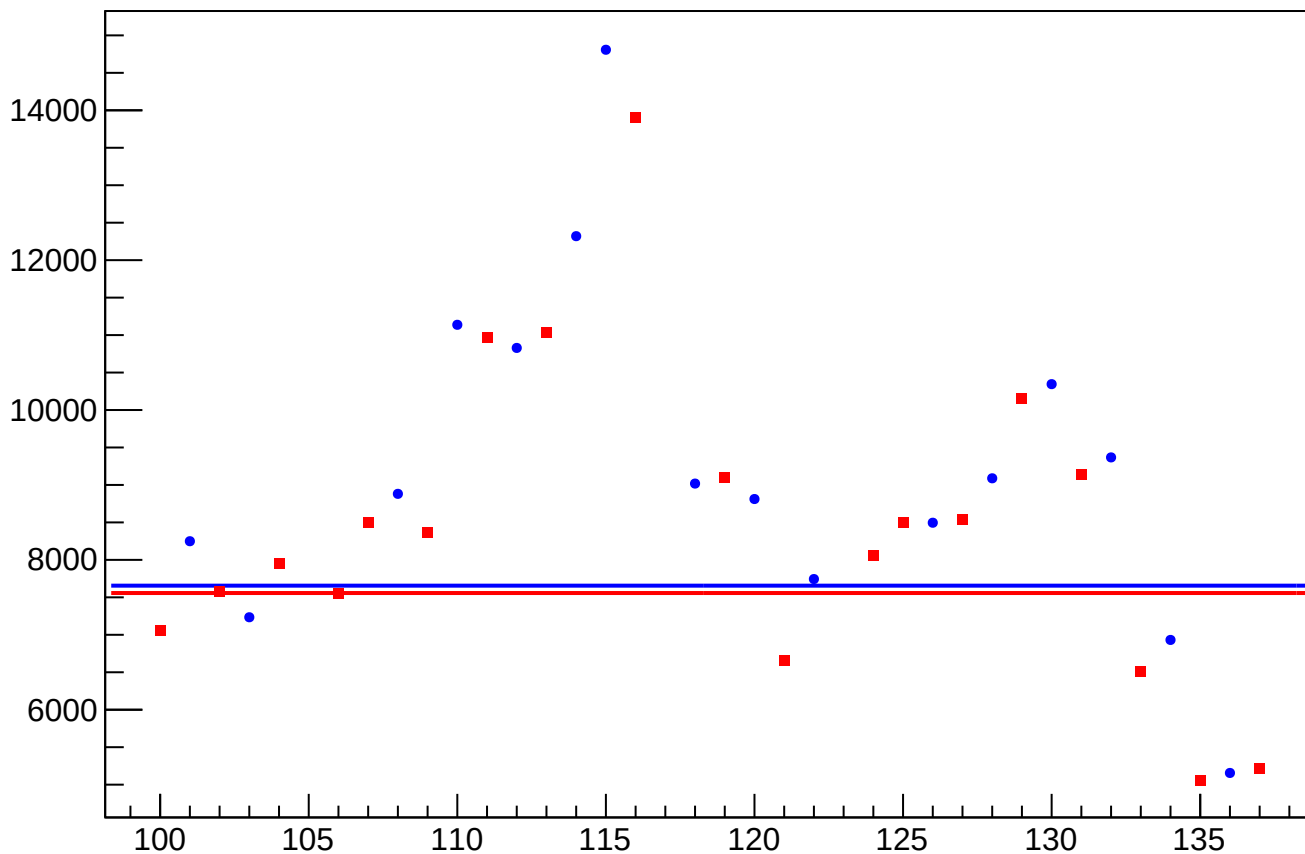
Right: -4.305+/-2.048 χ^2/NDF : 32.0/34

In: -3.605+/-2.940 χ^2/NDF : 10.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.305+/-2.048 χ^2/NDF : 32.0/34

diff_bpm4acY_rms vs Slug, Sign Corrected



Right In: 7655.851+/-2.079 χ^2/NDF : 879769.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7557.497+/-2.019 χ^2/NDF : 809860.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

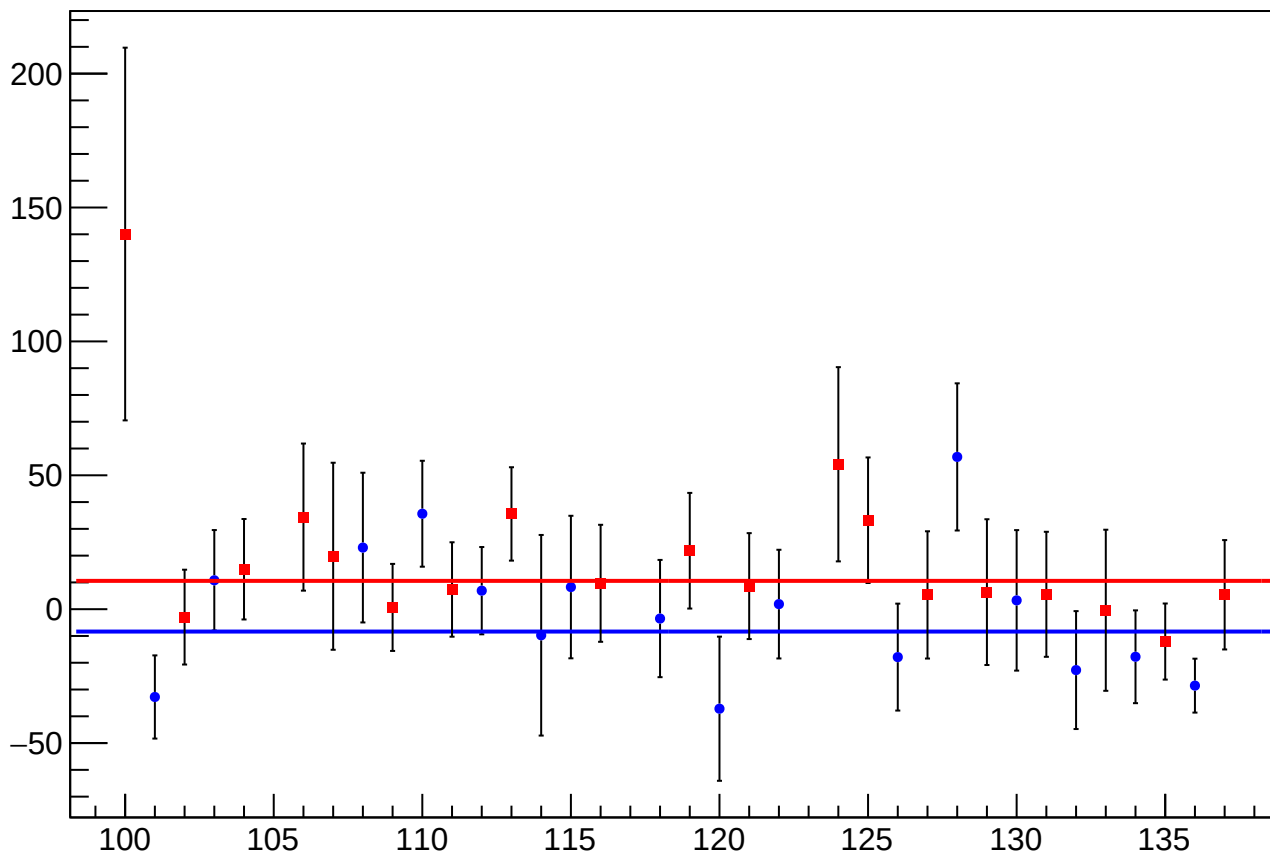
Right: 7605.240+/-1.448 χ^2/NDF : 1690781.9/34

In: 7655.851+/-2.079 χ^2/NDF : 879769.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7605.240+/-1.448 χ^2/NDF : 1690781.9/34

diff_bpm4ecX_mean vs Slug, Sign Corrected



Right In: -8.352+/-4.814 χ^2/NDF : 23.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.573+/-4.911 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

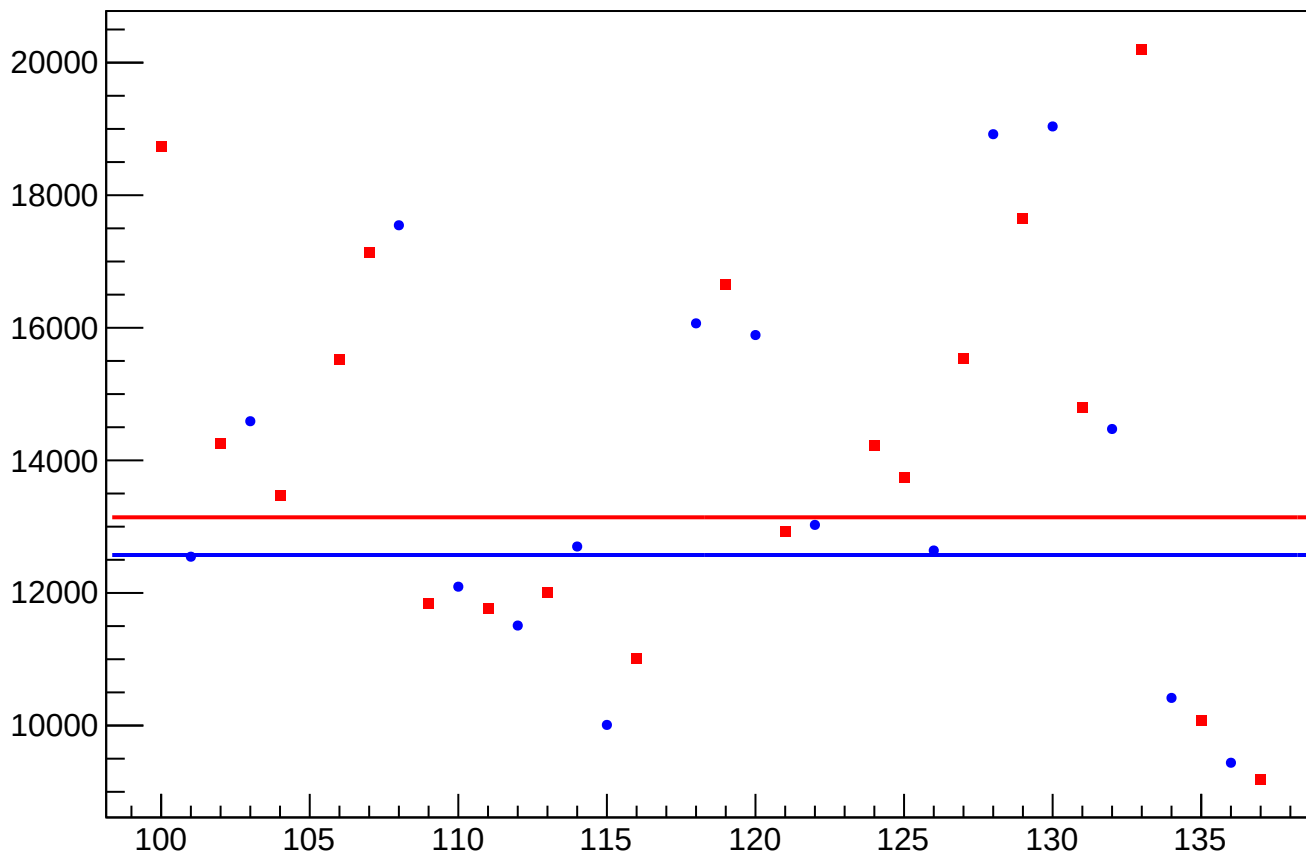
Right: 0.922+/-3.438 χ^2/NDF : 43.7/34

In: -8.352+/-4.814 χ^2/NDF : 23.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.922+/-3.438 χ^2/NDF : 43.7/34

diff_bpm4ecX_rms vs Slug, Sign Corrected



Right In: 12572.586+/-3.404 χ^2/NDF : 665026.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 13141.218+/-3.473 χ^2/NDF : 534726.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

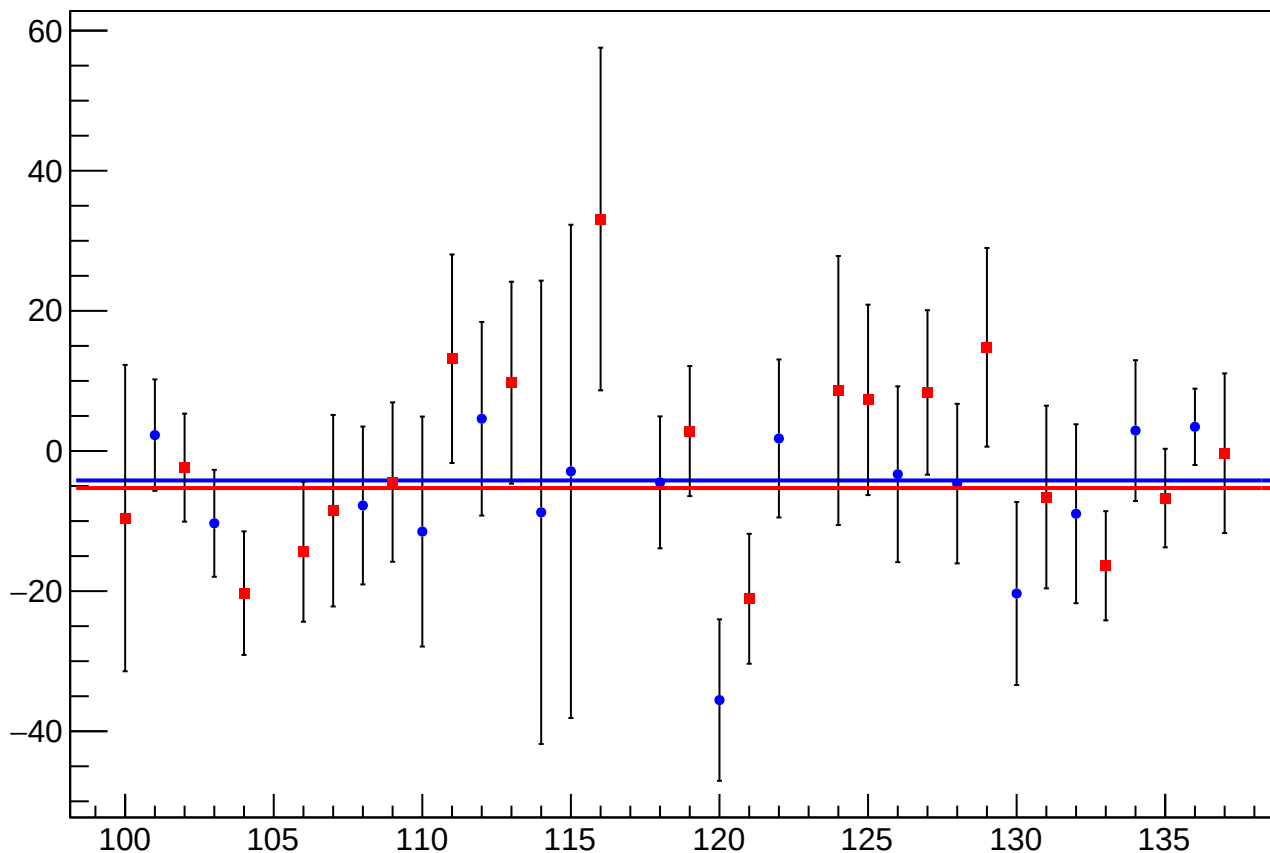
Right: 12851.222+/-2.431 χ^2/NDF : 1213428.5/34

In: 12572.586+/-3.404 χ^2/NDF :665026.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12851.222+/-2.431 χ^2/NDF : 1213428.5/34

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.204 $\pm$ 2.600 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.288 $\pm$ 2.502 χ^2 /NDF: 19.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

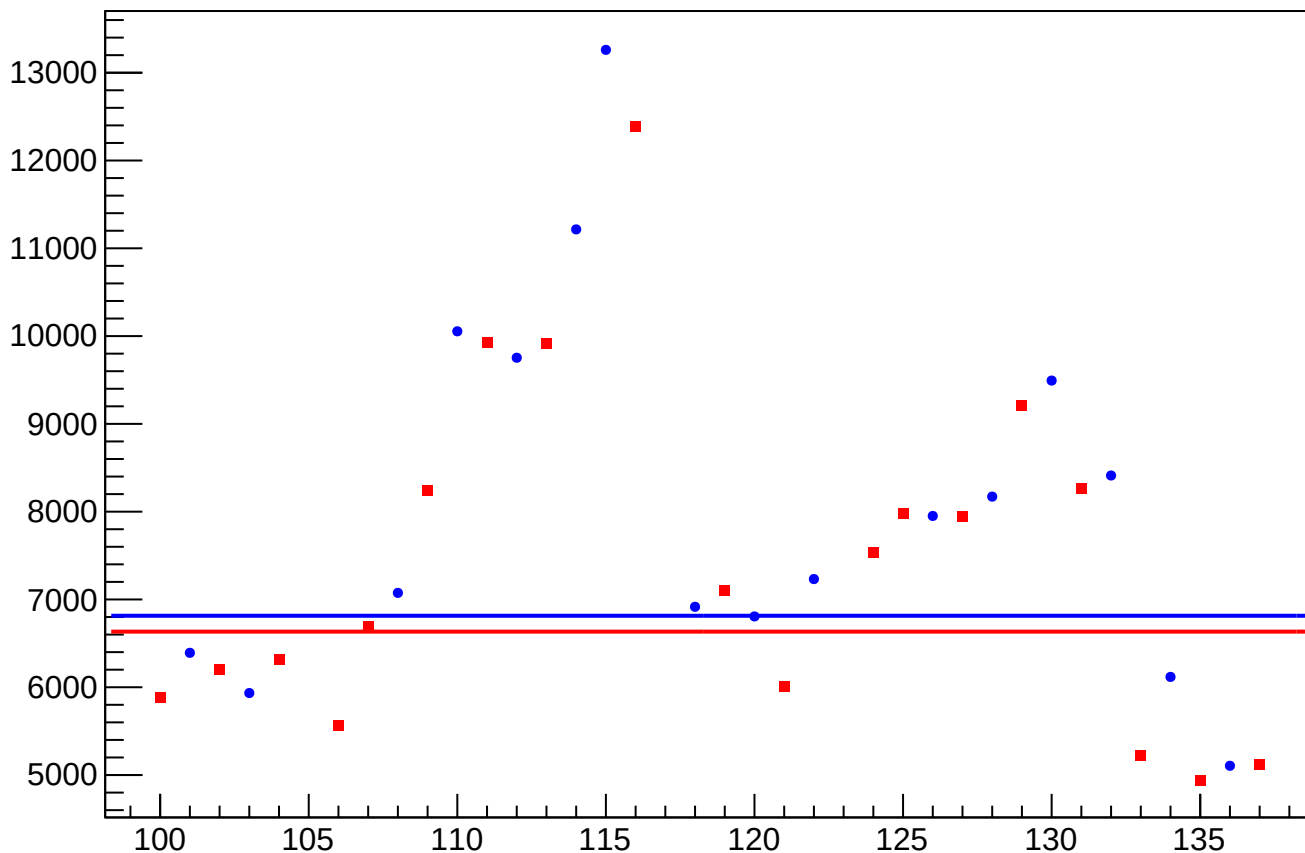
Right: -4.767 $\pm$ 1.803 χ^2 /NDF: 33.7/34

In: -4.204 $\pm$ 2.600 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -4.767 $\pm$ 1.803 χ^2 /NDF: 33.7/34

diff_bpm4ecY_rms vs Slug, Sign Corrected



Right In: 6814.282+/-1.839 χ^2/NDF : 674093.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6633.695+/-1.769 χ^2/NDF : 763347.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

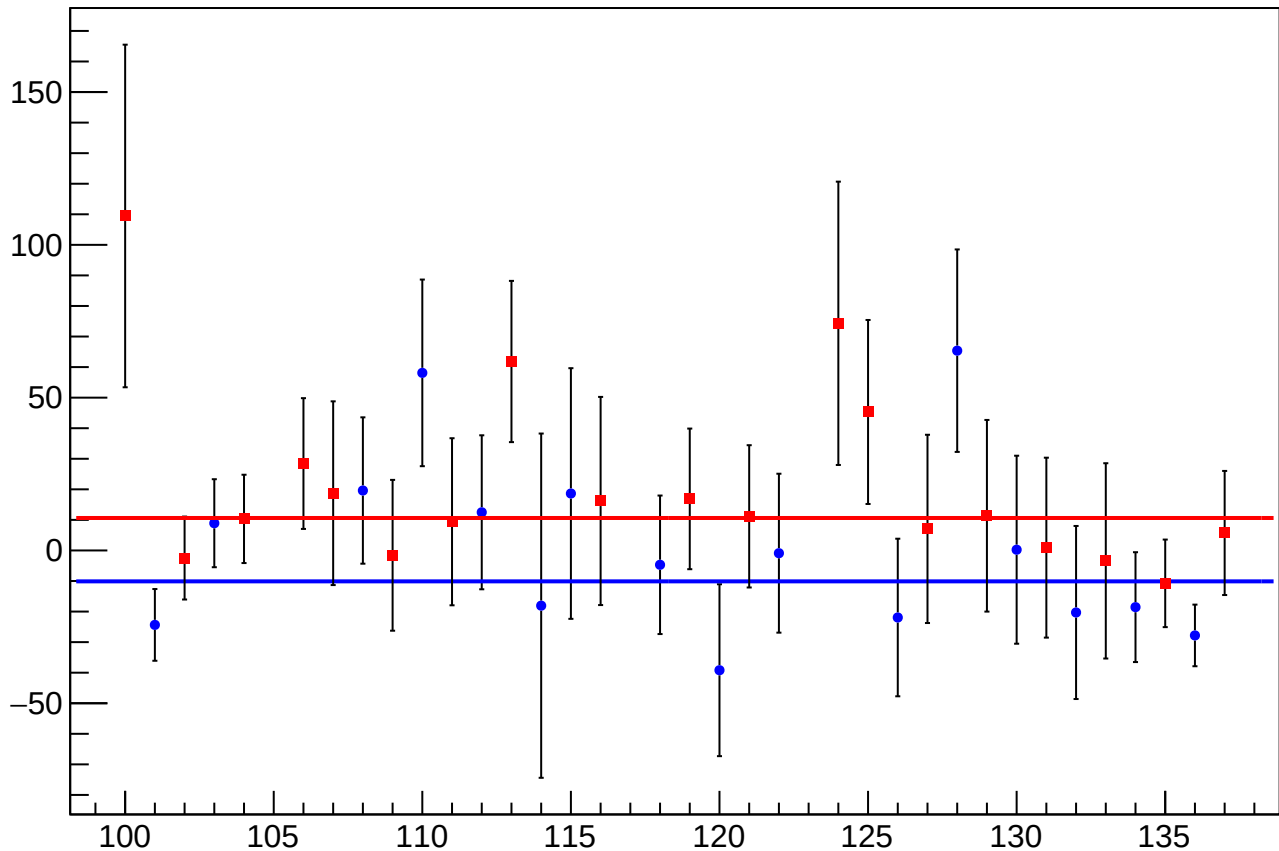
Right: 6720.509+/-1.275 χ^2/NDF : 1442449.8/34

In: 6814.282+/-1.839 χ^2/NDF : 674093.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6720.509+/-1.275 χ^2/NDF : 1442449.8/34

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -10.113 $\pm$ 5.017 χ^2 /NDF: 21.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.624 $\pm$ 5.277 χ^2 /NDF: 14.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

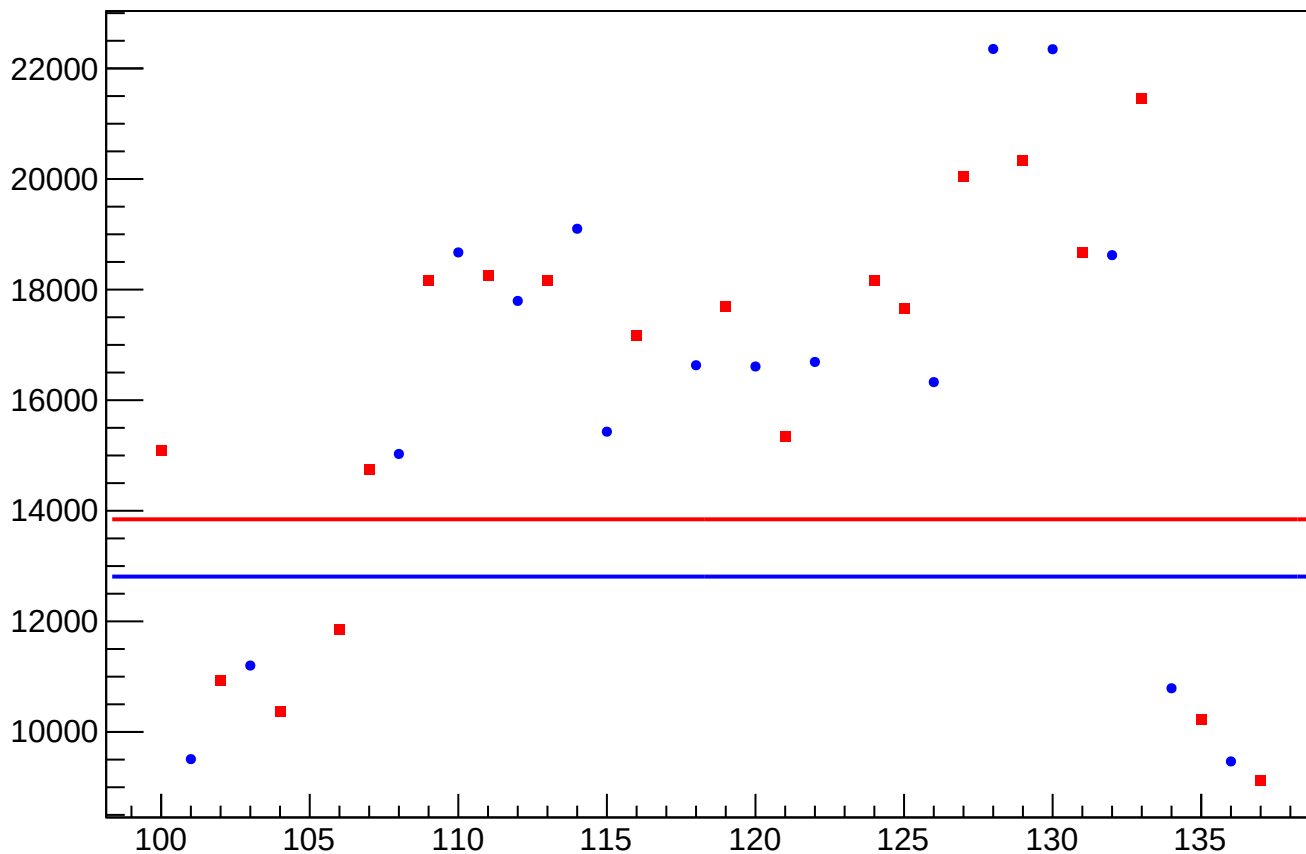
Right: -0.267 $\pm$ 3.636 χ^2 /NDF: 44.1/34

In: -10.113 $\pm$ 5.017 χ^2 /NDF:21.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.267 $\pm$ 3.636 χ^2 /NDF: 44.1/34

diff_bpm1X_rms vs Slug, Sign Corrected



Right In: 12809.964+/-3.548 χ^2/NDF : 1248252.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13845.622+/-3.731 χ^2/NDF : 1096555.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

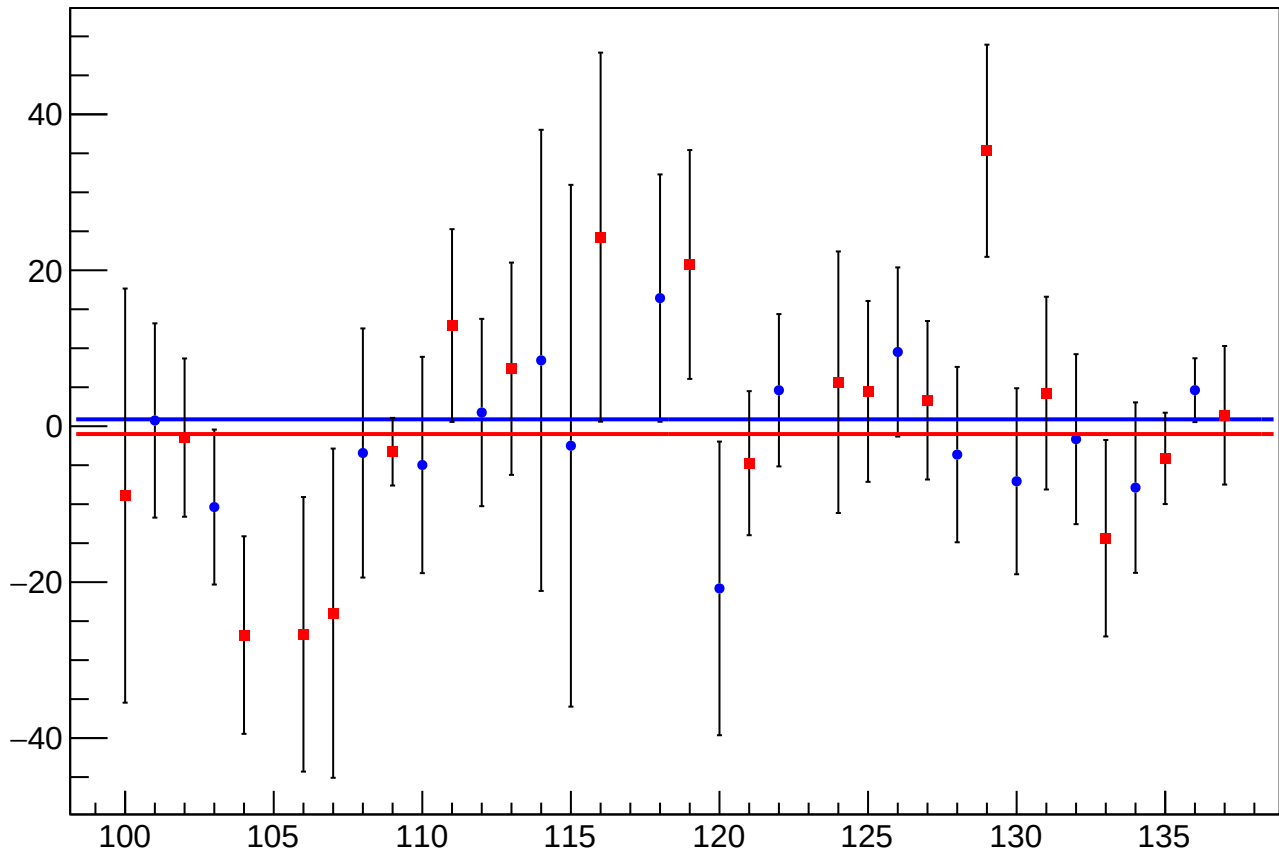
Right: 13301.707+/-2.571 χ^2/NDF : 2385270.2/34

In: 12809.964+/-3.548 χ^2/NDF : 1248252.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13301.707+/-2.571 χ^2/NDF : 2385270.2/34

diff_bpm1Y_mean vs Slug, Sign Corrected



Right In: 0.882+/-2.566 χ^2/NDF : 6.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.006+/-2.314 χ^2/NDF : 22.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

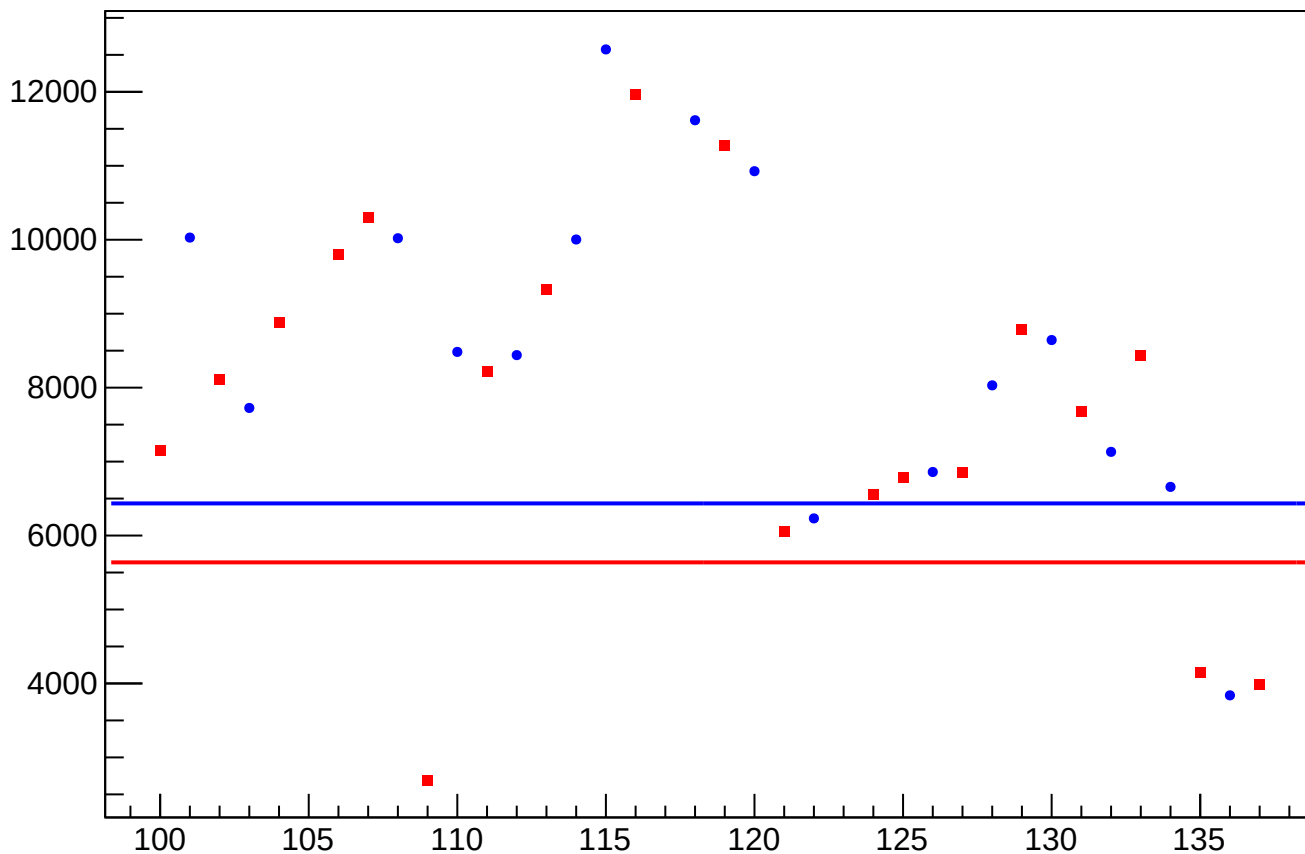
Right: -0.159+/-1.718 χ^2/NDF : 29.4/34

In: 0.882+/-2.566 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.159+/-1.718 χ^2/NDF : 29.4/34

diff_bpm1Y_rms vs Slug, Sign Corrected



Right In: 6434.559+/-1.814 χ^2/NDF : 1750609.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5637.344+/-1.636 χ^2/NDF : 2580013.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

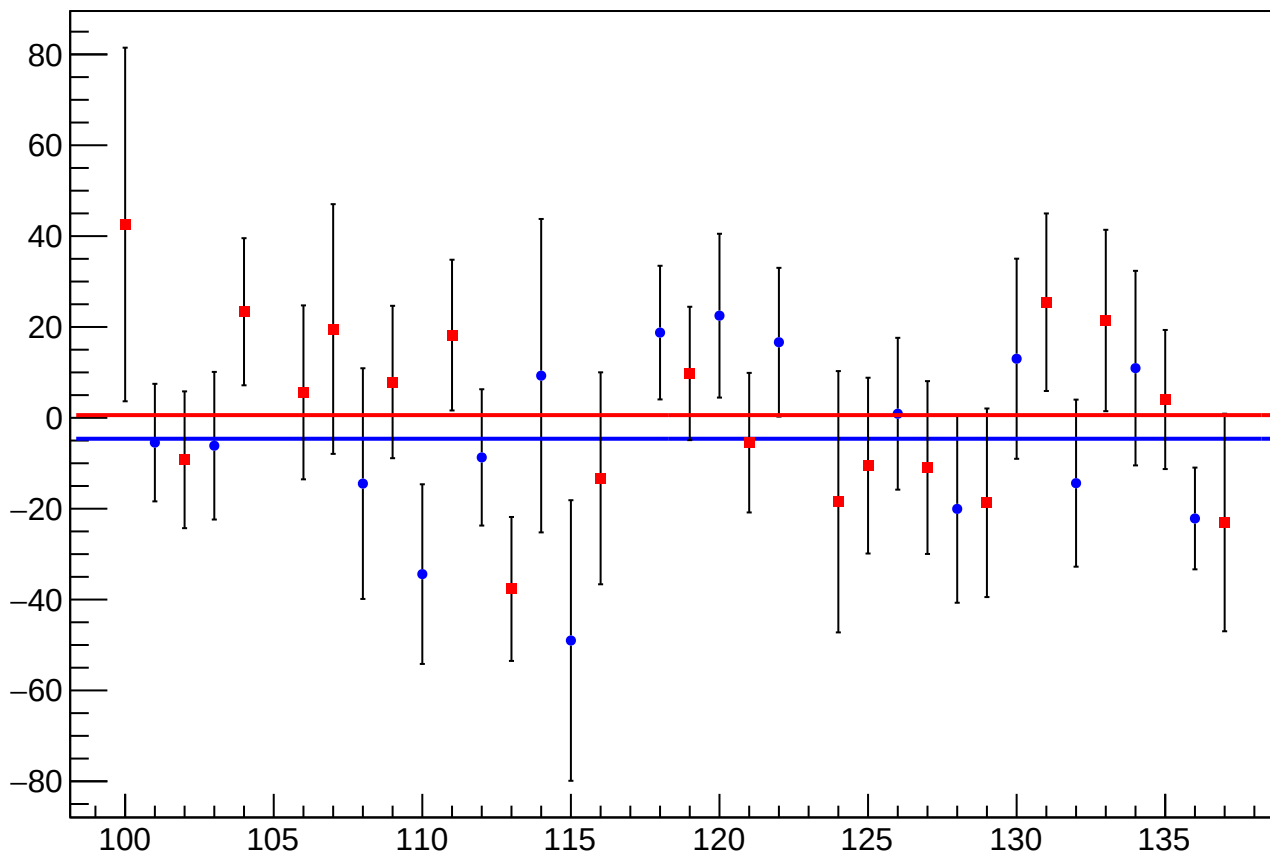
Right: 5994.862+/-1.215 χ^2/NDF : 4437091.5/34

In: 6434.559+/-1.814 χ^2/NDF : 1750609.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5994.862+/-1.215 χ^2/NDF : 4437091.5/34

diff_bpm11X_mean vs Slug, Sign Corrected



Right In: -4.602 ± 4.355 χ^2/NDF : 15.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.600 ± 4.266 χ^2/NDF : 17.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

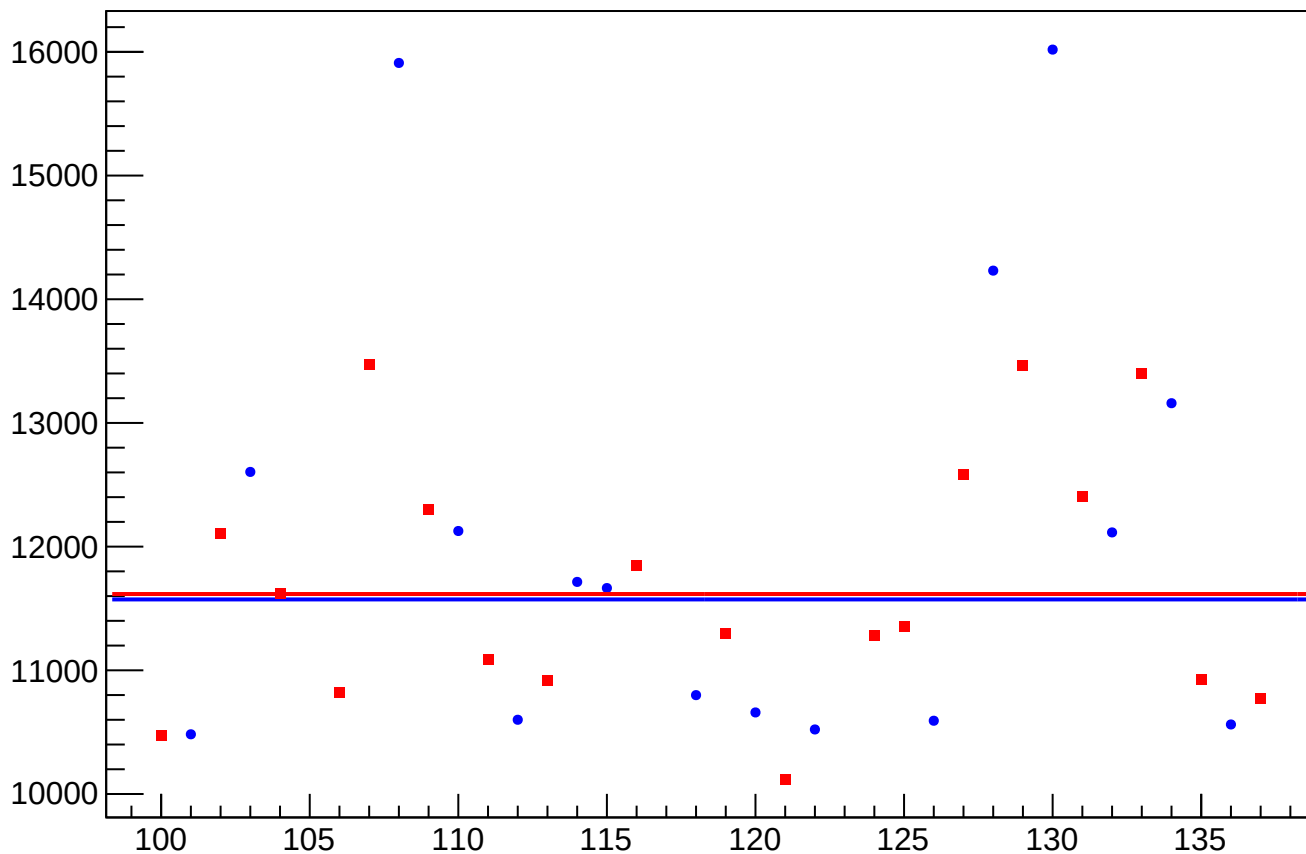
Right: -1.948 ± 3.048 χ^2/NDF : 34.4/34

In: -4.602 ± 4.355 χ^2/NDF : 15.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.948 ± 3.048 χ^2/NDF : 34.4/34

diff_bpm11X_rms vs Slug, Sign Corrected



Right In: 11573.073+/-3.079 χ^2/NDF : 260067.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 11616.773+/-3.017 χ^2/NDF : 93165.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

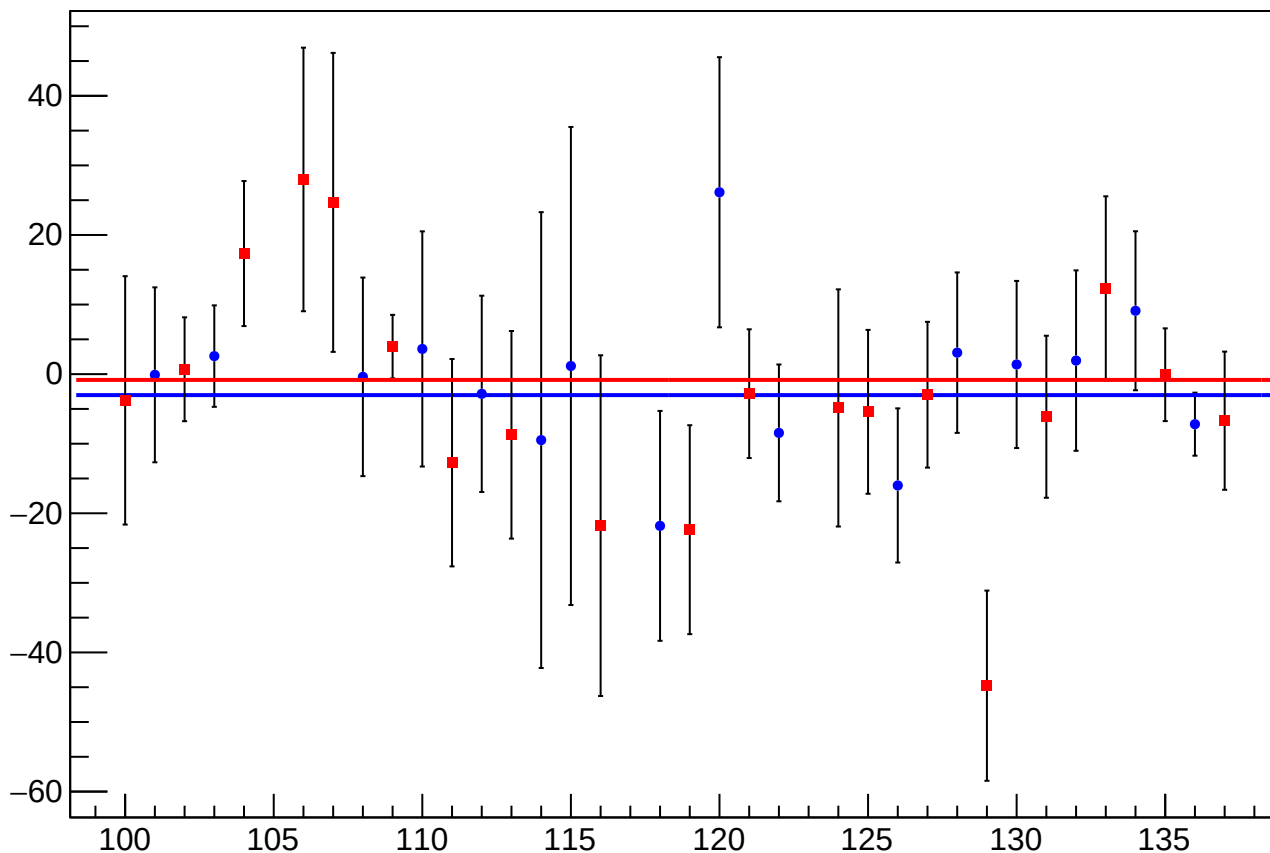
Right: 11595.370+/-2.155 χ^2/NDF : 353335.4/34

In: 11573.073+/-3.079 χ^2/NDF :260067.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 11595.370+/-2.155 χ^2/NDF : 353335.4/34

diff_bpm11Y_mean vs Slug, Sign Corrected



Right In: -3.014 ± 2.654 χ^2/NDF : 8.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.831 ± 2.352 χ^2/NDF : 23.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

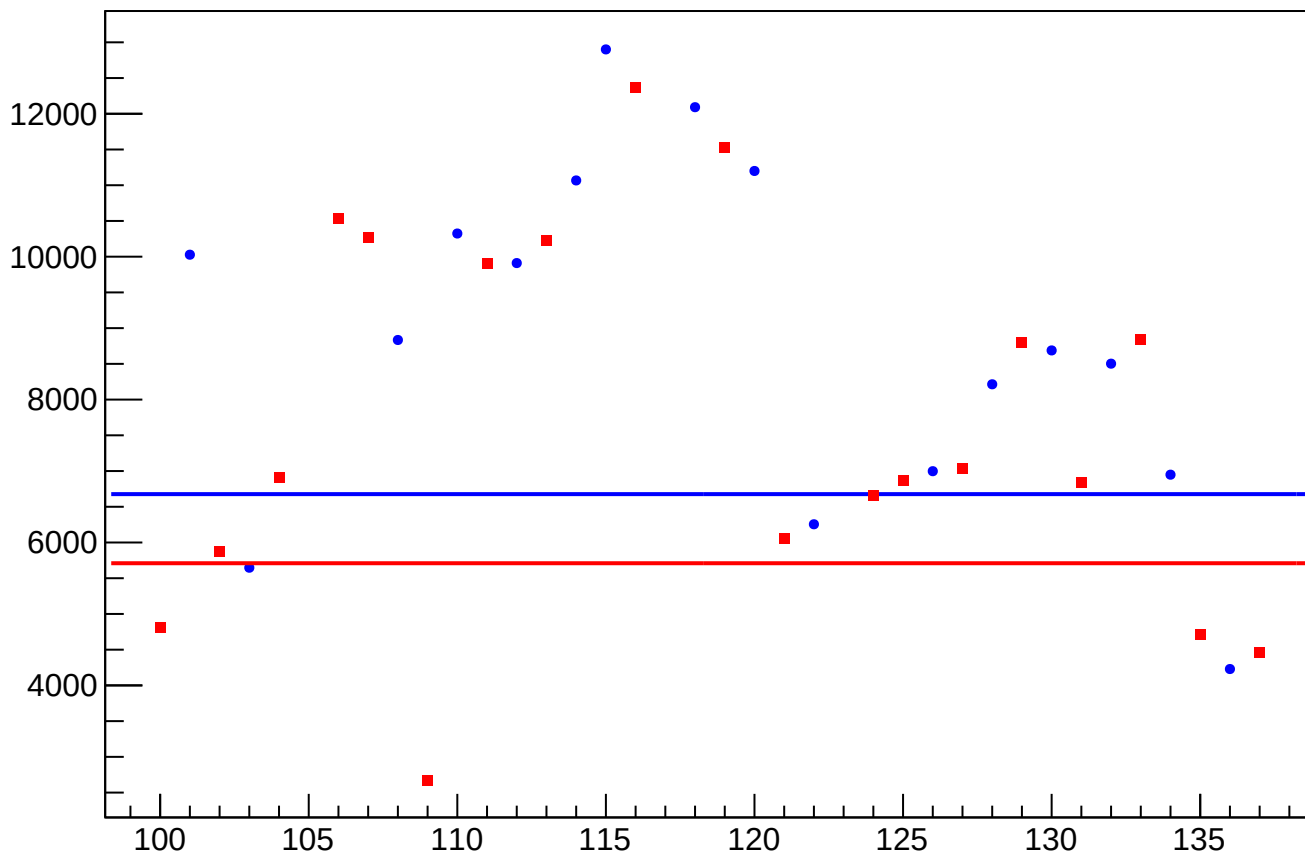
Right: -1.791 ± 1.760 χ^2/NDF : 32.9/34

In: -3.014 ± 2.654 χ^2/NDF : 8.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.791 ± 1.760 χ^2/NDF : 32.9/34

diff_bpm11Y_rms vs Slug, Sign Corrected



Right In: 6676.920+/-1.877 χ^2/NDF : 1572864.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5709.821+/-1.663 χ^2/NDF : 2301039.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

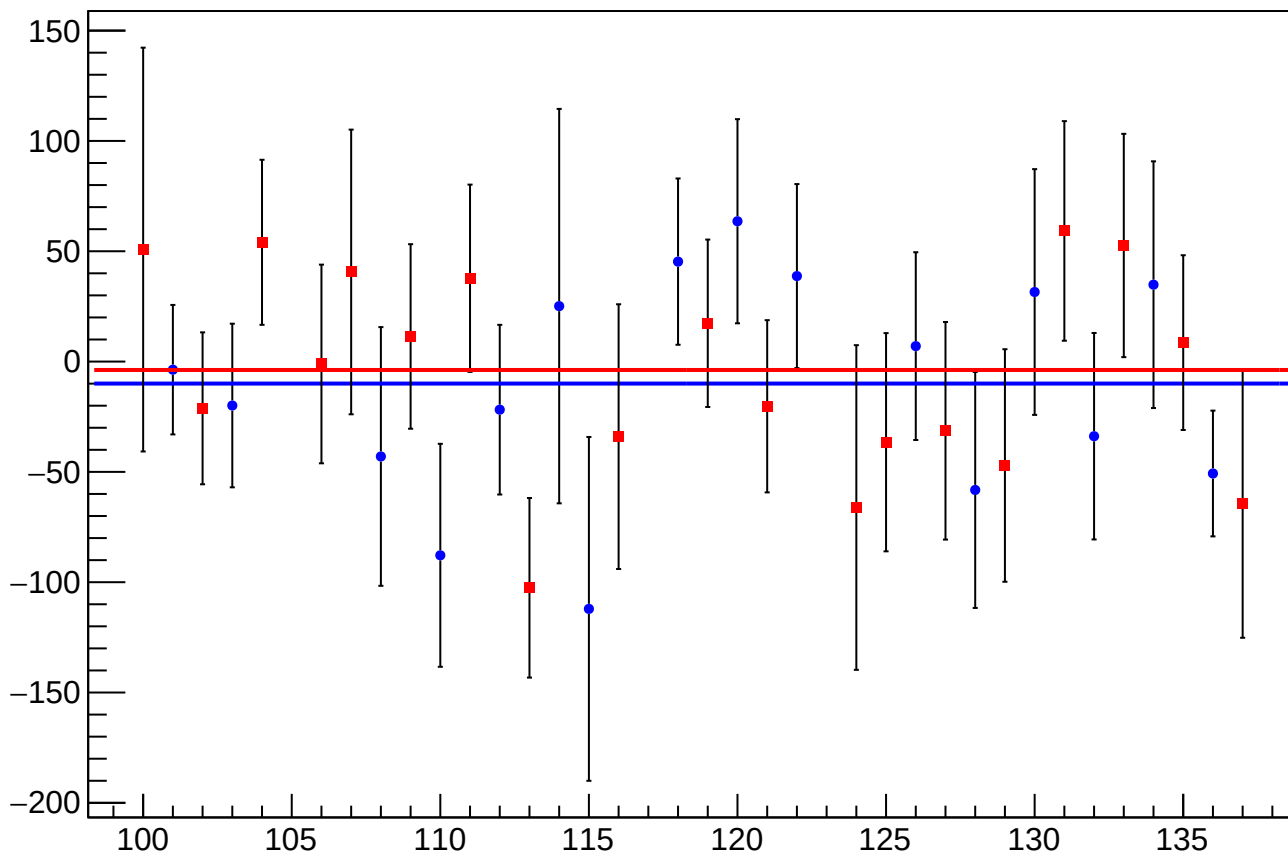
Right: 6135.167+/-1.245 χ^2/NDF : 4022672.5/34

In: 6676.920+/-1.877 χ^2/NDF : 1572864.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6135.167+/-1.245 χ^2/NDF : 4022672.5/34

diff_bpm12X_mean vs Slug, Sign Corrected



Right In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.814+/-10.636 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

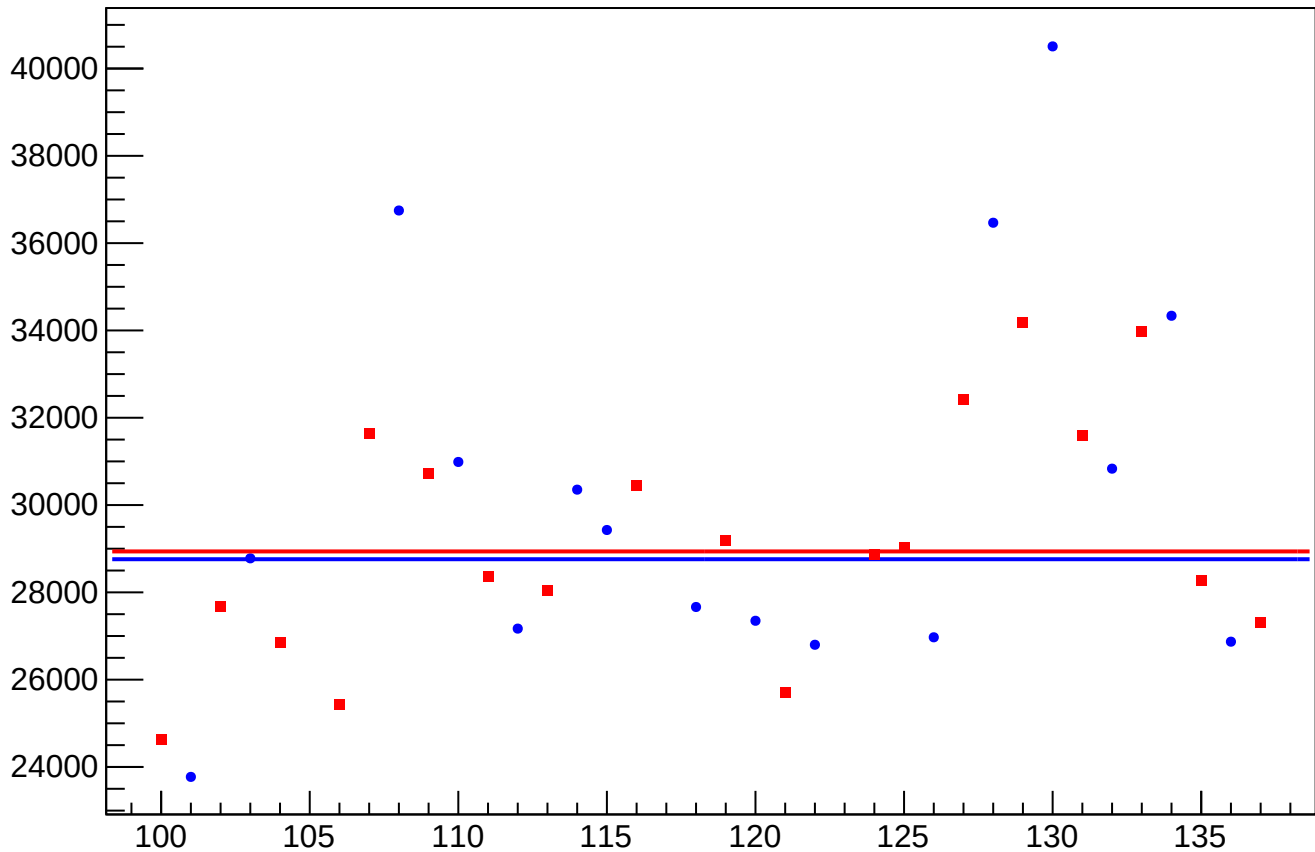
Right: -6.834+/-7.591 χ^2/NDF : 32.8/34

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.834+/-7.591 χ^2/NDF : 32.8/34

diff_bpm12X_rms vs Slug, Sign Corrected



Right In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28937.633+/-7.521 χ^2/NDF : 106266.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

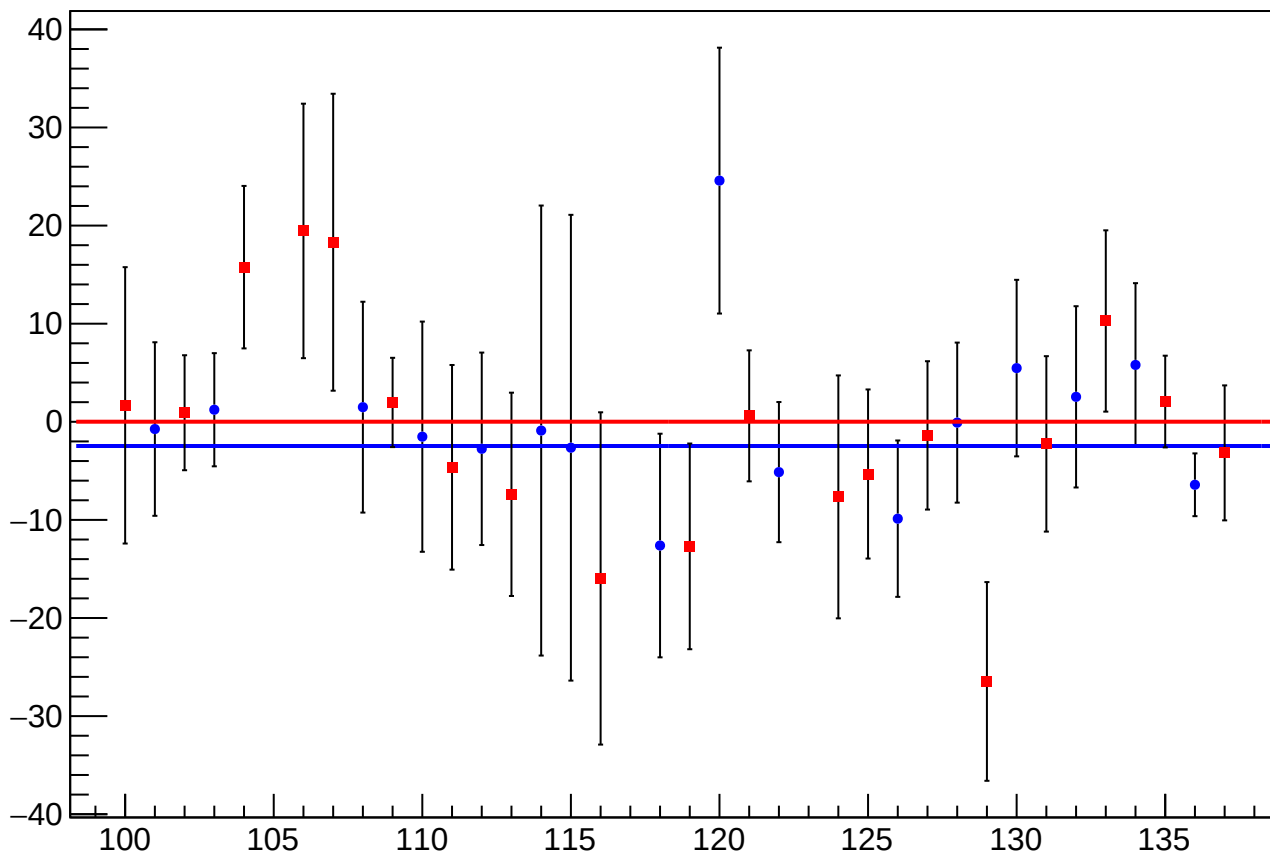
Right: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

In: 28759.090+/-7.662 χ^2/NDF :277639.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28850.024+/-5.367 χ^2/NDF : 384182.4/34

diff_bpm12Y_mean vs Slug, Sign Corrected



Right In: -2.467+/-1.916 χ^2/NDF : 10.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-1.828 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

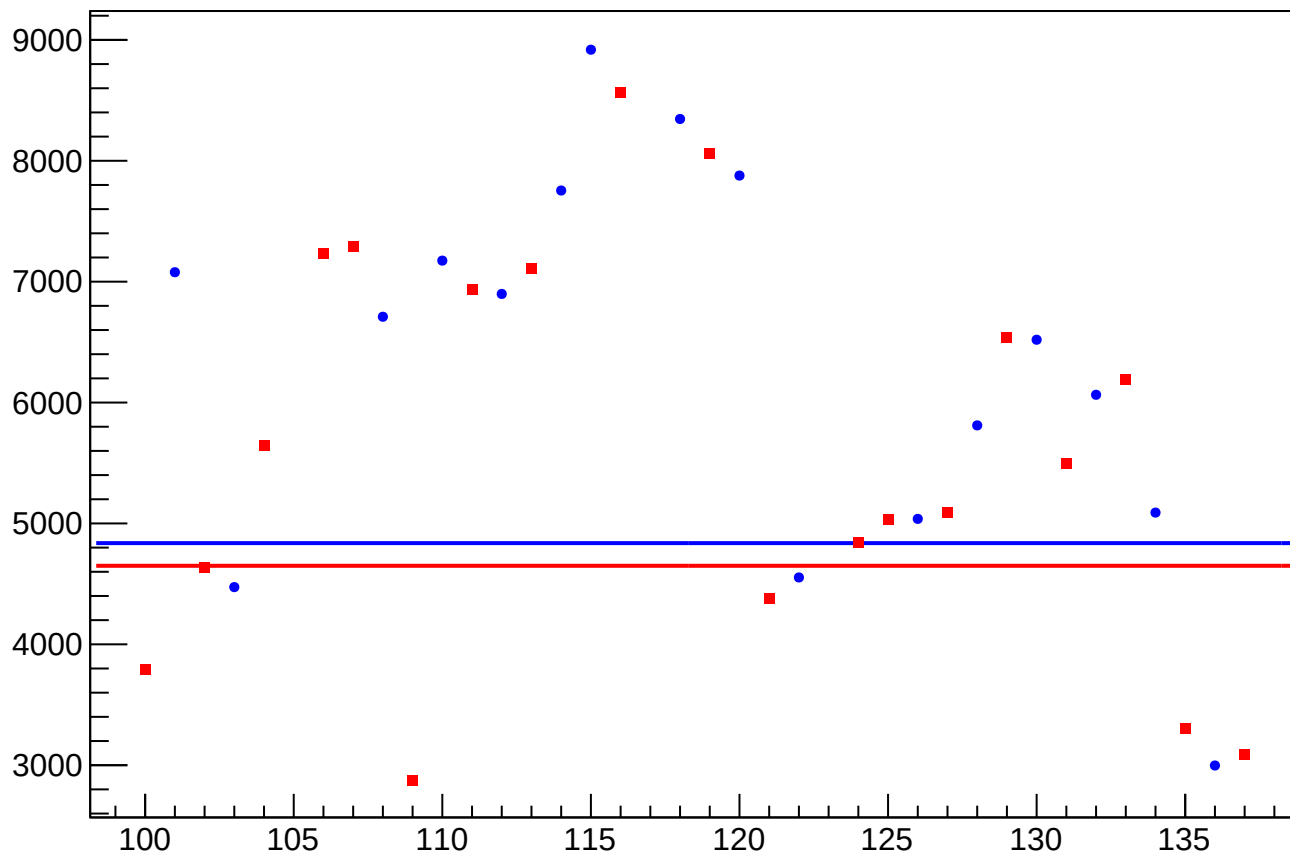
Right: -1.171+/-1.323 χ^2/NDF : 30.9/34

In: -2.467+/-1.916 χ^2/NDF : 10.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.171+/-1.323 χ^2/NDF : 30.9/34

diff_bpm12Y_rms vs Slug, Sign Corrected



Right In: 4837.176+/-1.355 χ^2/NDF : 1547766.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4649.613+/-1.293 χ^2/NDF : 1434548.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

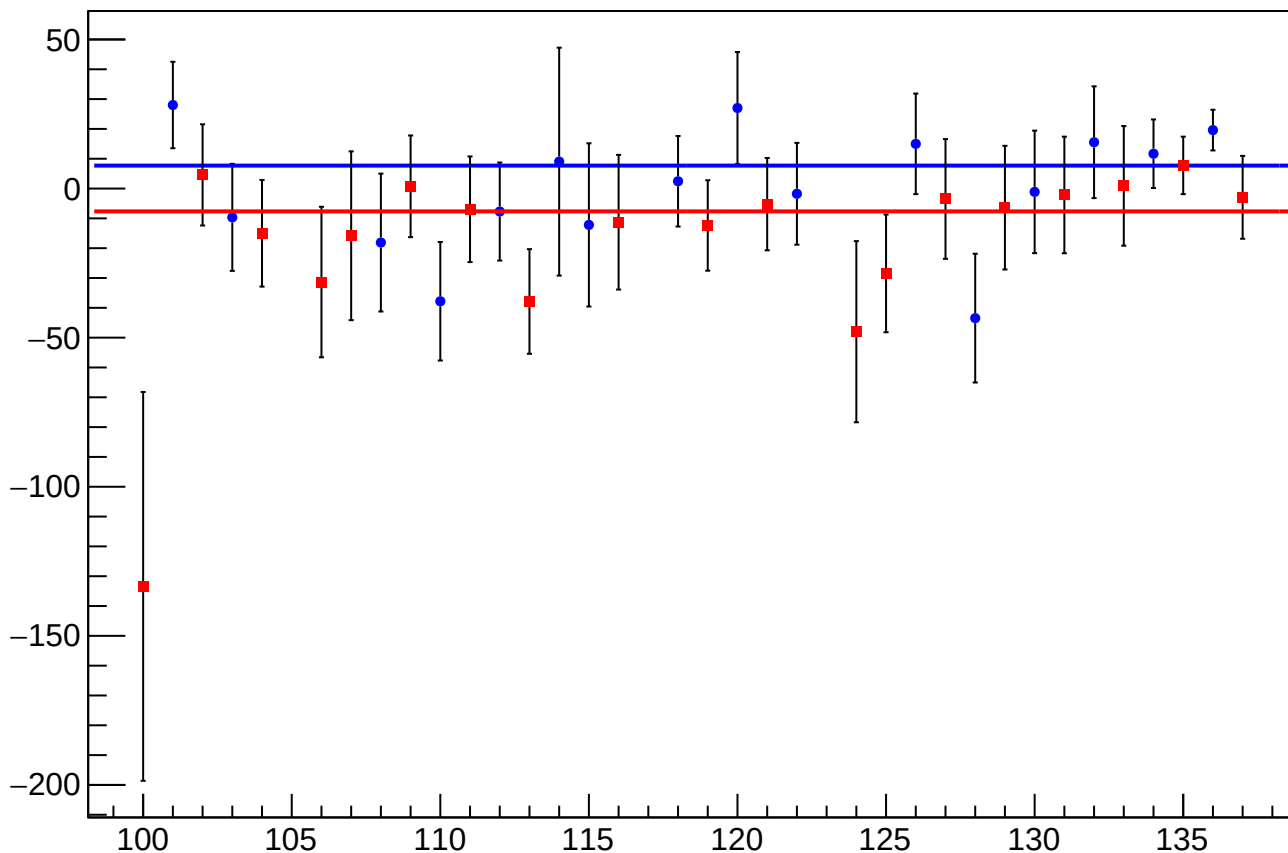
Right: 4739.013+/-0.935 χ^2/NDF : 2992350.1/34

In: 4837.176+/-1.355 χ^2/NDF : 1547766.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4739.013+/-0.935 χ^2/NDF : 2992350.1/34

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 7.699 $\pm$ 3.820 χ^2 /NDF: 21.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.650 $\pm$ 4.099 χ^2 /NDF: 14.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

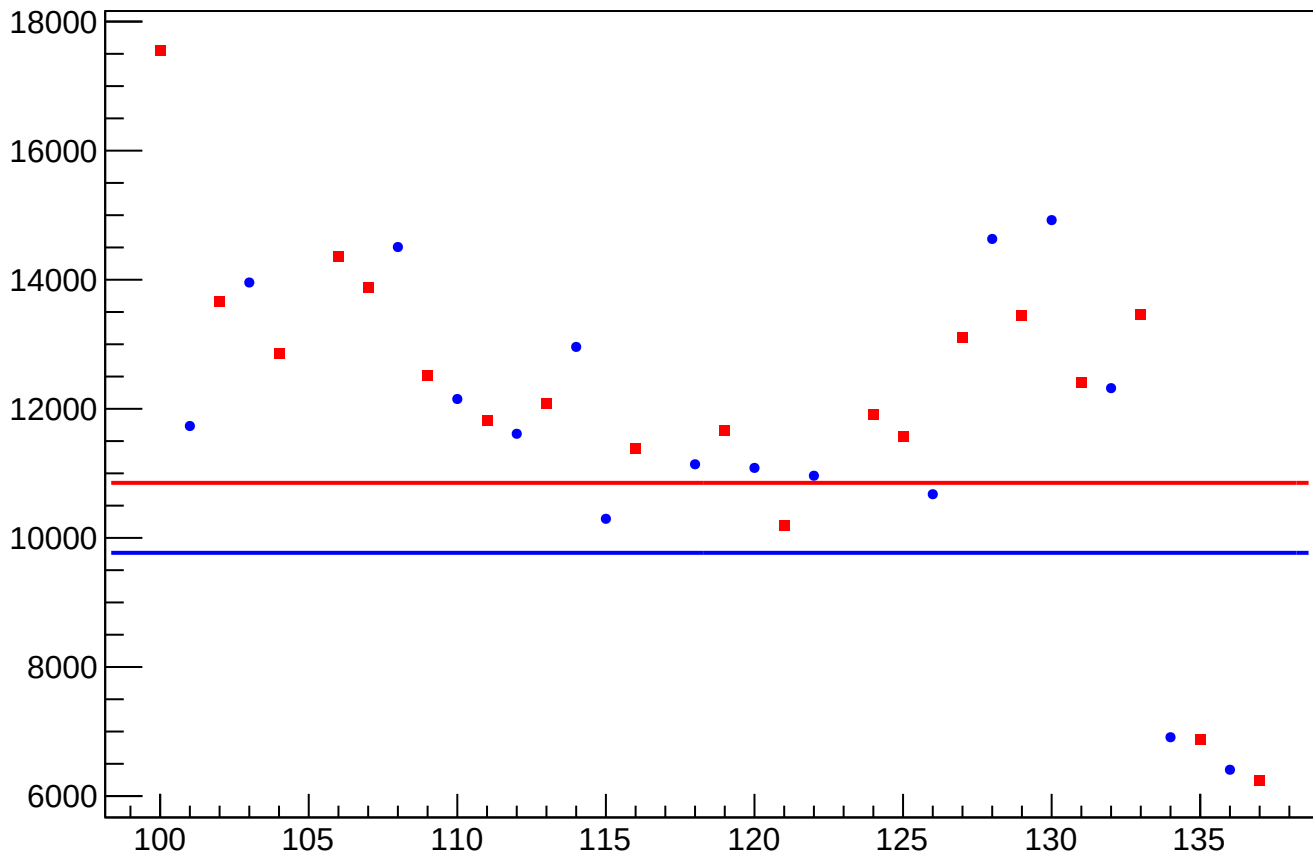
Right: 0.565 $\pm$ 2.795 χ^2 /NDF: 43.7/34

In: 7.699 $\pm$ 3.820 χ^2 /NDF:21.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.565 $\pm$ 2.795 χ^2 /NDF: 43.7/34

diff_bpm16X_rms vs Slug, Sign Corrected



Right In: 9768.772+/-2.701 χ^2 /NDF: 1213694.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 10852.989+/-2.899 χ^2 /NDF: 874500.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

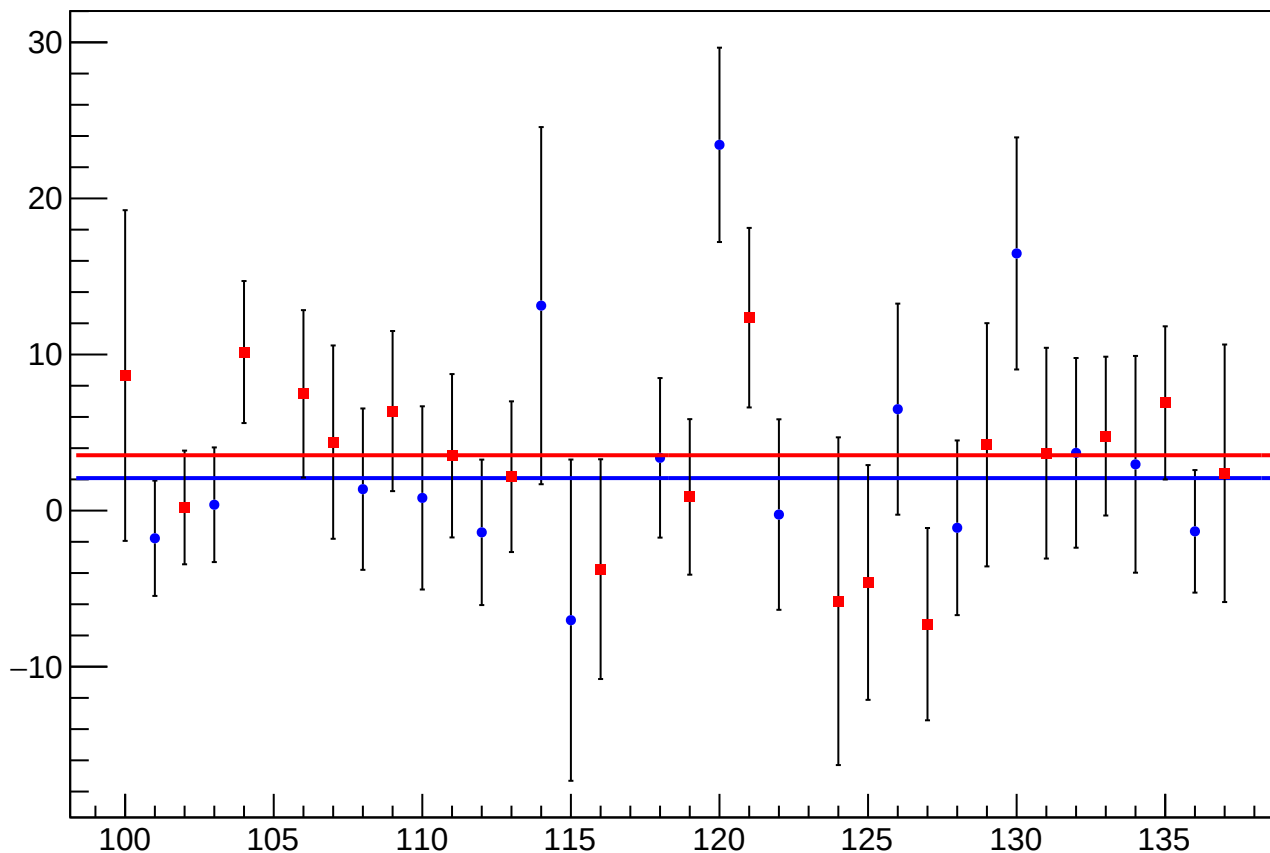
Right: 10272.667+/-1.976 χ^2 /NDF: 2163082.8/34

In: 9768.772+/-2.701 χ^2 /NDF:1213694.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 10272.667+/-1.976 χ^2 /NDF: 2163082.8/34

diff_bpm16Y_mean vs Slug, Sign Corrected



Right In: 2.082+/-1.345 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.546+/-1.304 χ^2/NDF : 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

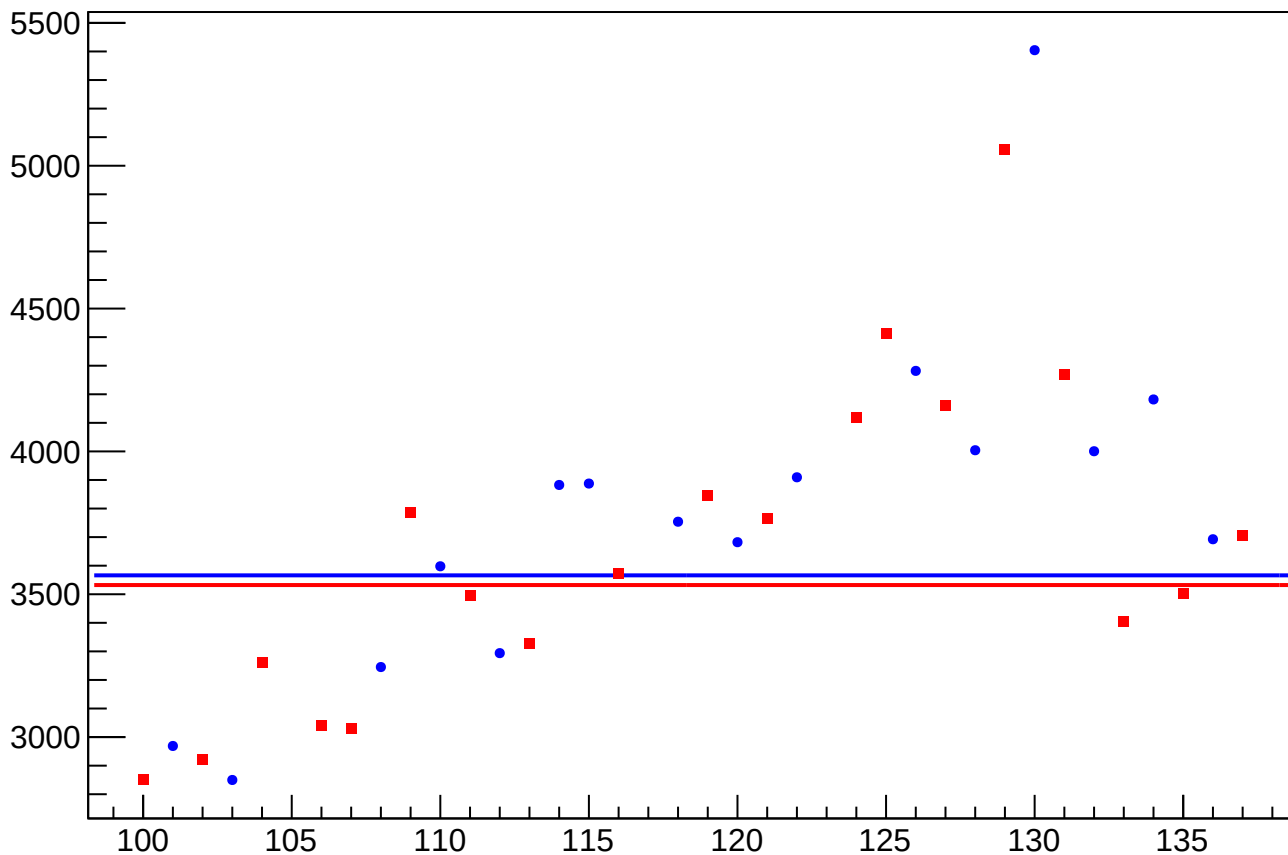
Right: 2.837+/-0.936 χ^2/NDF : 35.0/34

In: 2.082+/-1.345 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.837+/-0.936 χ^2/NDF : 35.0/34

diff_bpm16Y_rms vs Slug, Sign Corrected



Right In: 3566.150+/-0.951 χ^2/NDF : 341105.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3532.189+/-0.922 χ^2/NDF : 278693.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

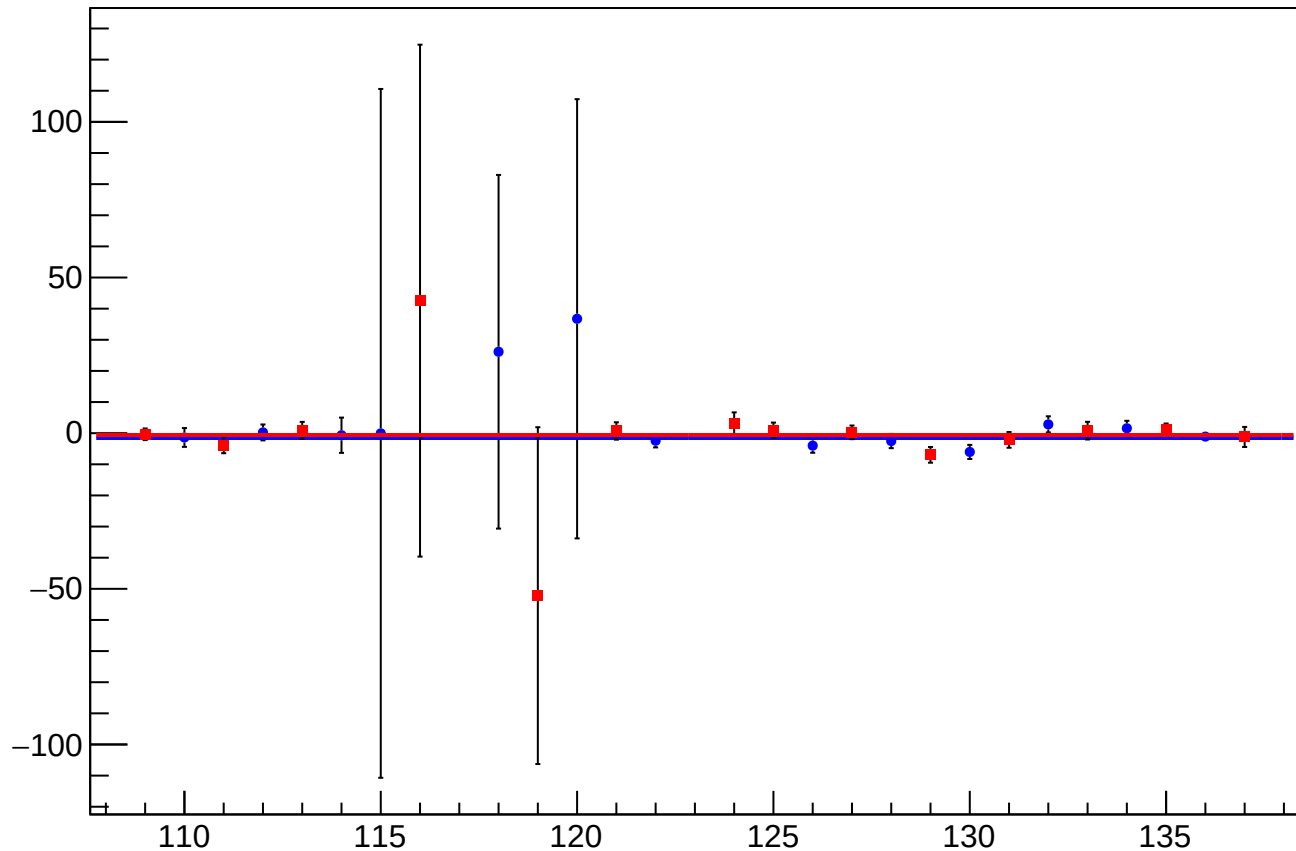
Right: 3548.642+/-0.662 χ^2/NDF : 620455.5/34

In: 3566.150+/-0.951 χ^2/NDF : 341105.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3548.642+/-0.662 χ^2/NDF : 620455.5/34

diff_bpm1p02bX_mean vs Slug, Sign Corrected



Right In: -1.536 ± 0.733 χ^2/NDF : 11.1/12

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.588 ± 0.717 χ^2/NDF : 12.7/13

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

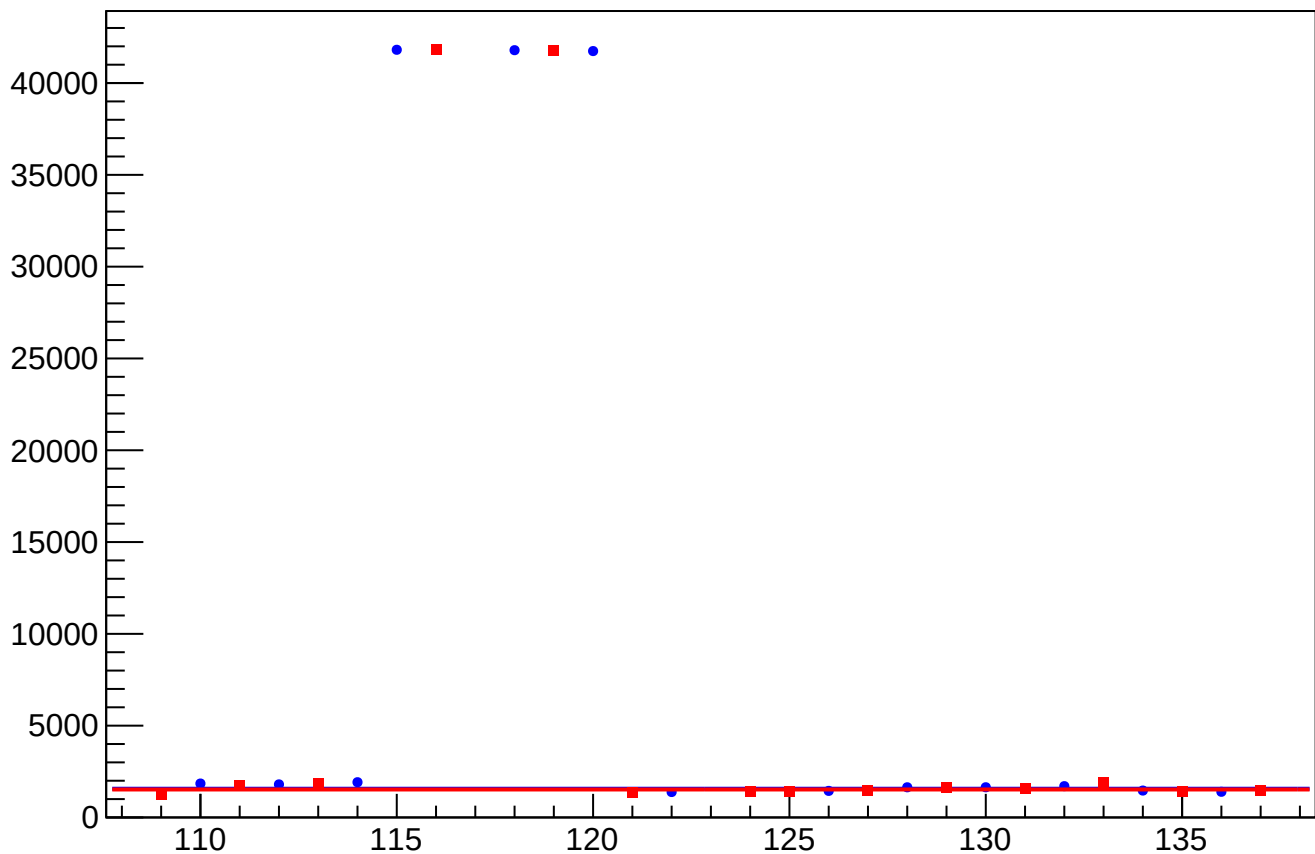
Right: -1.051 ± 0.512 χ^2/NDF : 24.6/26

In: -1.536 ± 0.733 χ^2/NDF : 11.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.051 ± 0.512 χ^2/NDF : 24.6/26

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1564.307 $\pm$ 0.518 χ^2/NDF : 2016990.6/12

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 1523.678 $\pm$ 0.507 χ^2/NDF : 1739658.0/13

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

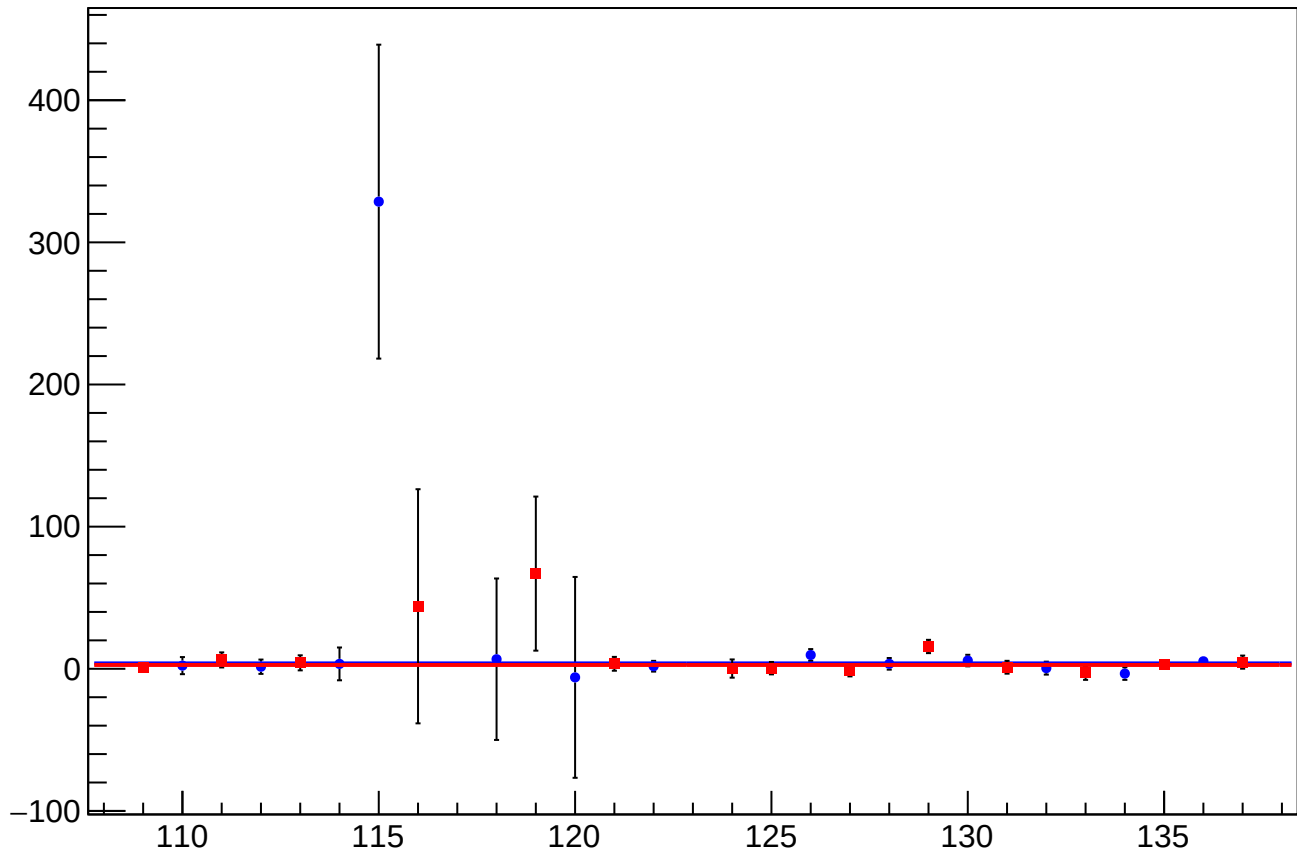
Right: 1543.555 $\pm$ 0.362 χ^2/NDF : 3759789.5/26

In: 1564.307 $\pm$ 0.518 χ^2/NDF : 2016990.6/12

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1543.555 $\pm$ 0.362 χ^2/NDF : 3759789.5/26

diff_bpm1p02bY_mean vs Slug, Sign Corrected



Right In: 3.777+/-1.248 χ^2/NDF : 15.2/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.709+/-1.211 χ^2/NDF : 13.6/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

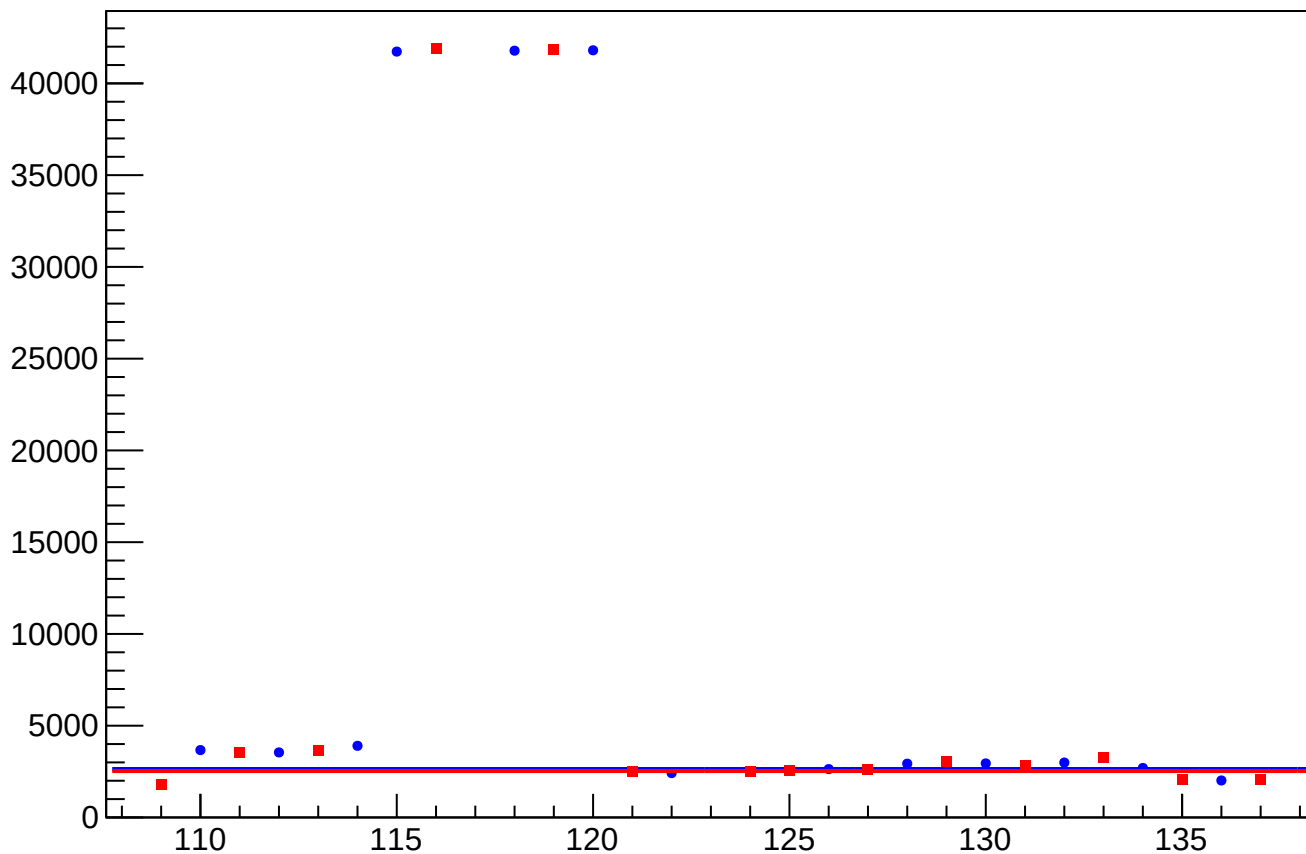
Right: 3.227+/-0.869 χ^2/NDF : 29.2/26

In: 3.777+/-1.248 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.227+/-0.869 χ^2/NDF : 29.2/26

diff_bpm1p02bY_rms vs Slug, Sign Corrected



Right In: 2639.943+/-0.883 χ^2/NDF : 2173395.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2529.018+/-0.856 χ^2/NDF : 1949928.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

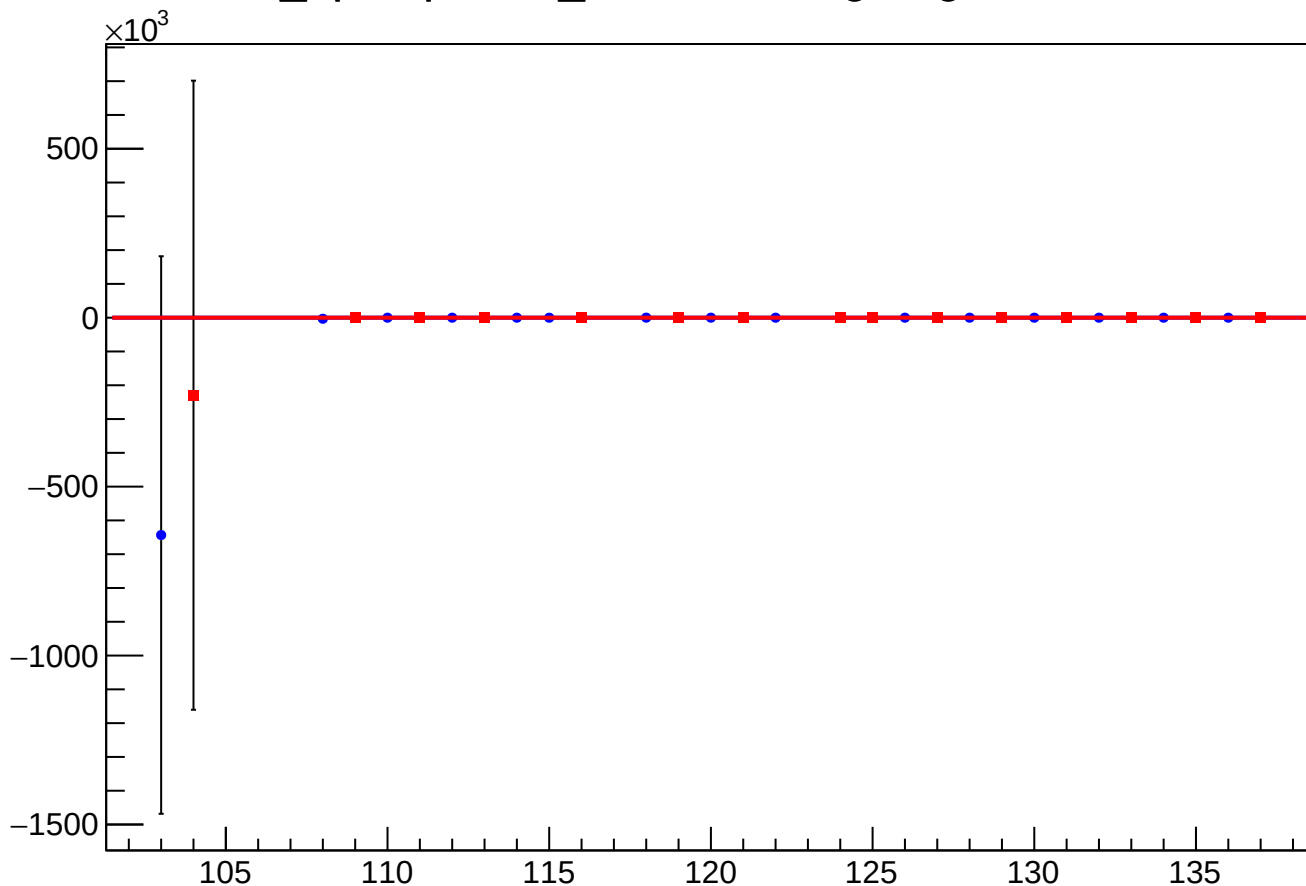
Right: 2582.794+/-0.615 χ^2/NDF : 4131459.2/26

In: 2639.943+/-0.883 χ^2/NDF : 2173395.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2582.794+/-0.615 χ^2/NDF : 4131459.2/26

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -1.215 $\pm$ 1.125 χ^2 /NDF: 18.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.670 $\pm$ 1.211 χ^2 /NDF: 14.4/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

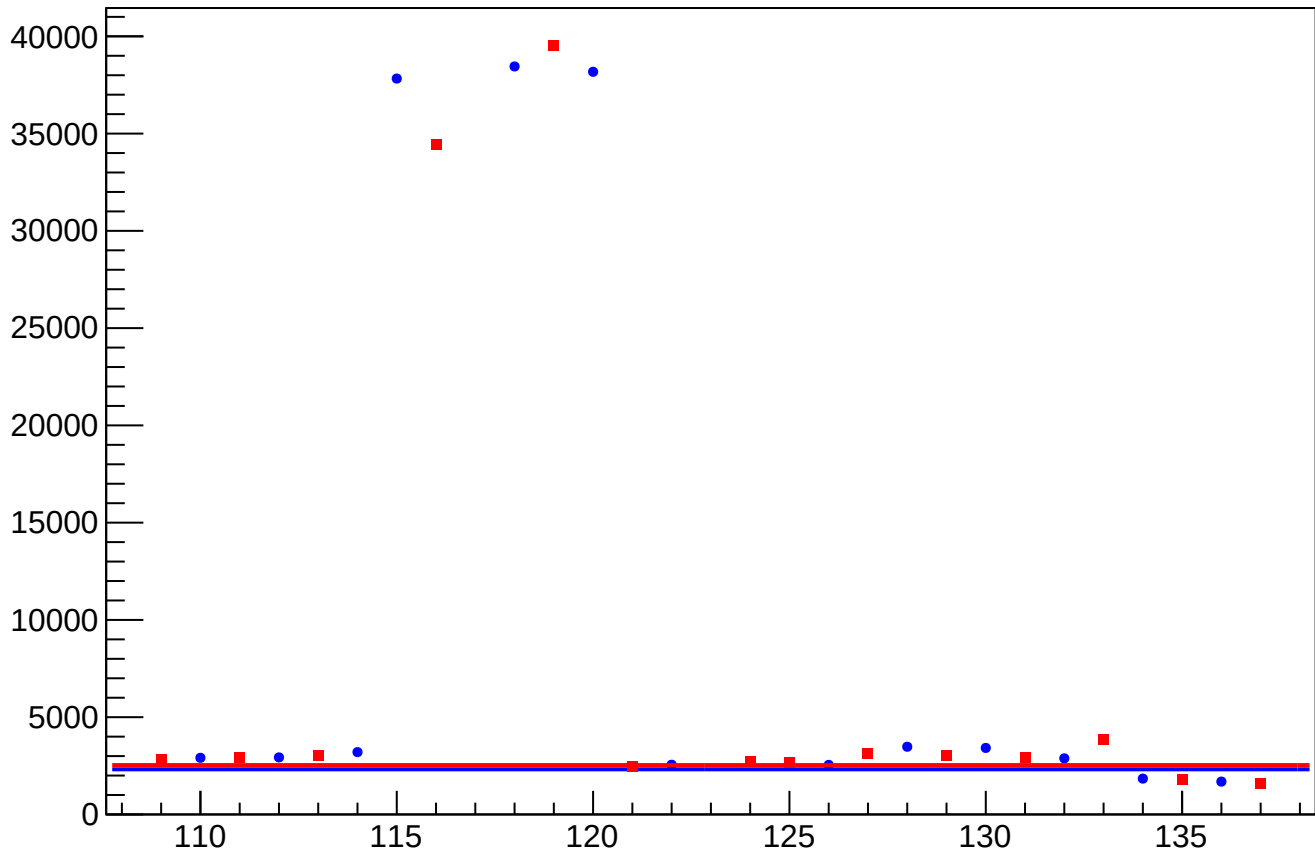
Right: 0.585 $\pm$ 0.824 χ^2 /NDF: 38.7/29

In: -1.215 $\pm$ 1.125 χ^2 /NDF: 18.8/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.585 $\pm$ 0.824 χ^2 /NDF: 38.7/29

diff_bpm1p03aX_rms vs Slug, Sign Corrected



Right In: 2320.446+/-0.796 χ^2/NDF : 2461445.1/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2537.615+/-0.856 χ^2/NDF : 2038153.2/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

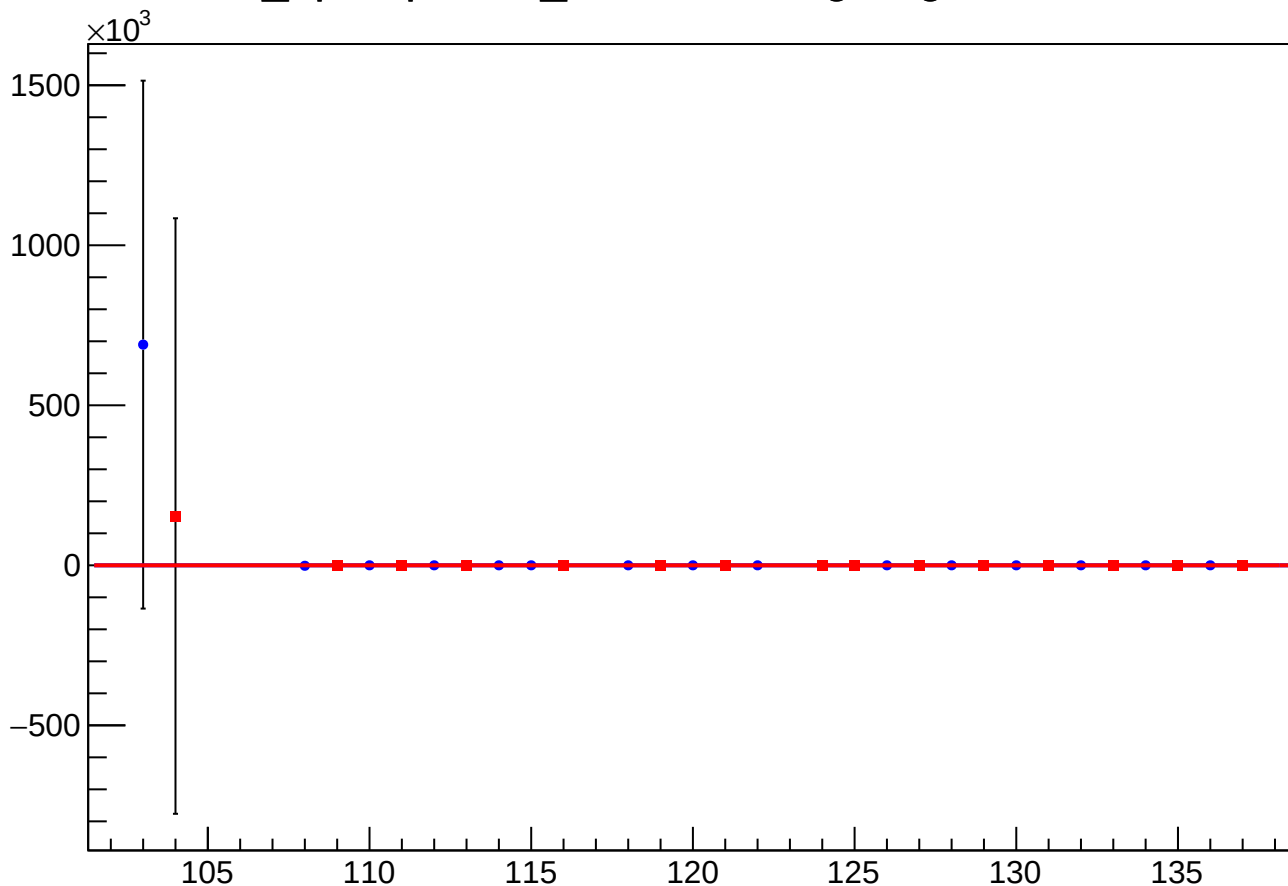
Right: 2421.061+/-0.583 χ^2/NDF : 4534110.8/26

In: 2320.446+/-0.796 χ^2/NDF : 2461445.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2421.061+/-0.583 χ^2/NDF : 4534110.8/26

diff_bpm1p03aY_mean vs Slug, Sign Corrected



Right In: 1.708 $\pm$ 1.076 χ^2 /NDF: 5.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.893 $\pm$ 1.052 χ^2 /NDF: 15.3/14

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

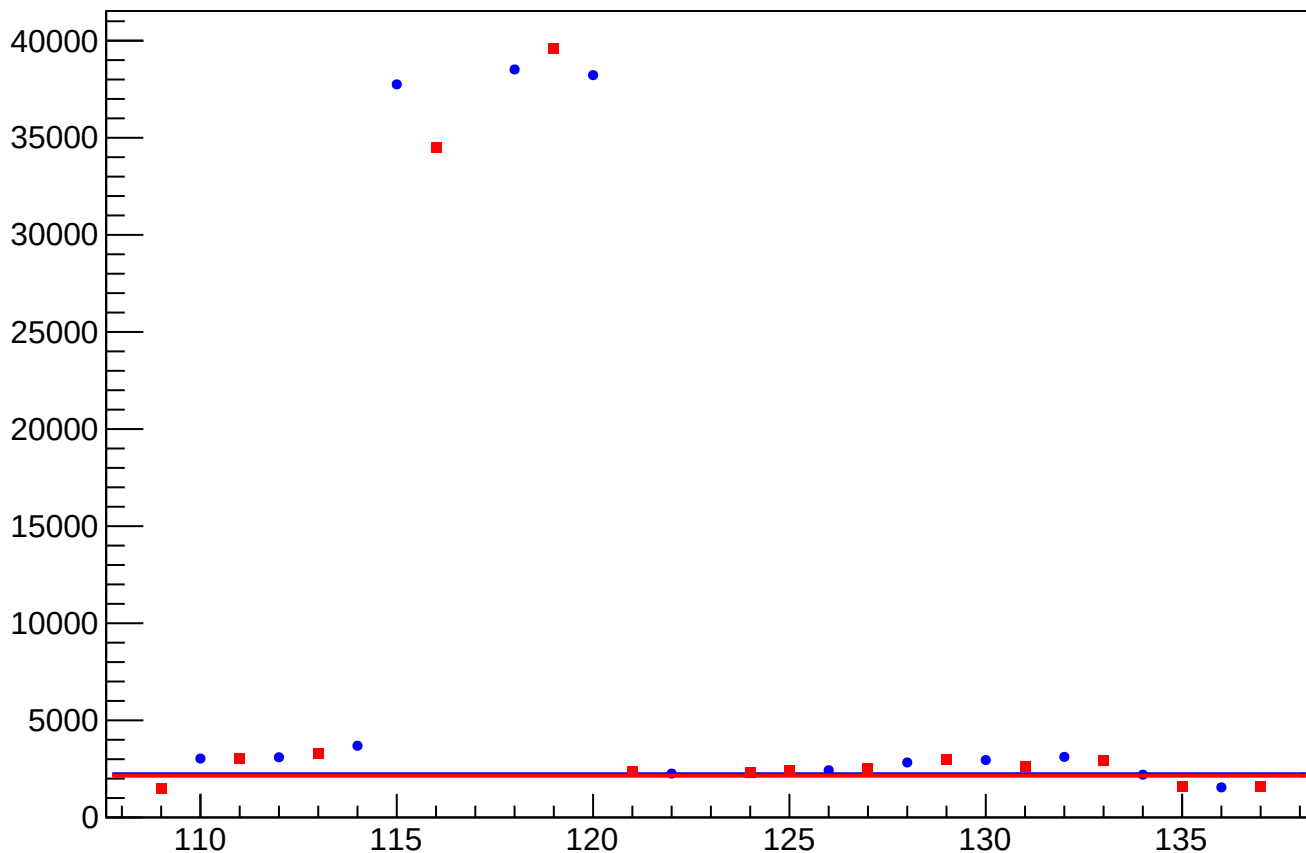
Right: 1.803 $\pm$ 0.752 χ^2 /NDF: 20.3/29

In: 1.708 $\pm$ 1.076 χ^2 /NDF: 5.0/14

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.803 $\pm$ 0.752 χ^2 /NDF: 20.3/29

diff_bpm1p03aY_rms vs Slug, Sign Corrected



Right In: 2226.944+/-0.761 χ^2/NDF : 2522286.5/12

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2150.841+/-0.744 χ^2/NDF : 2231322.0/13

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

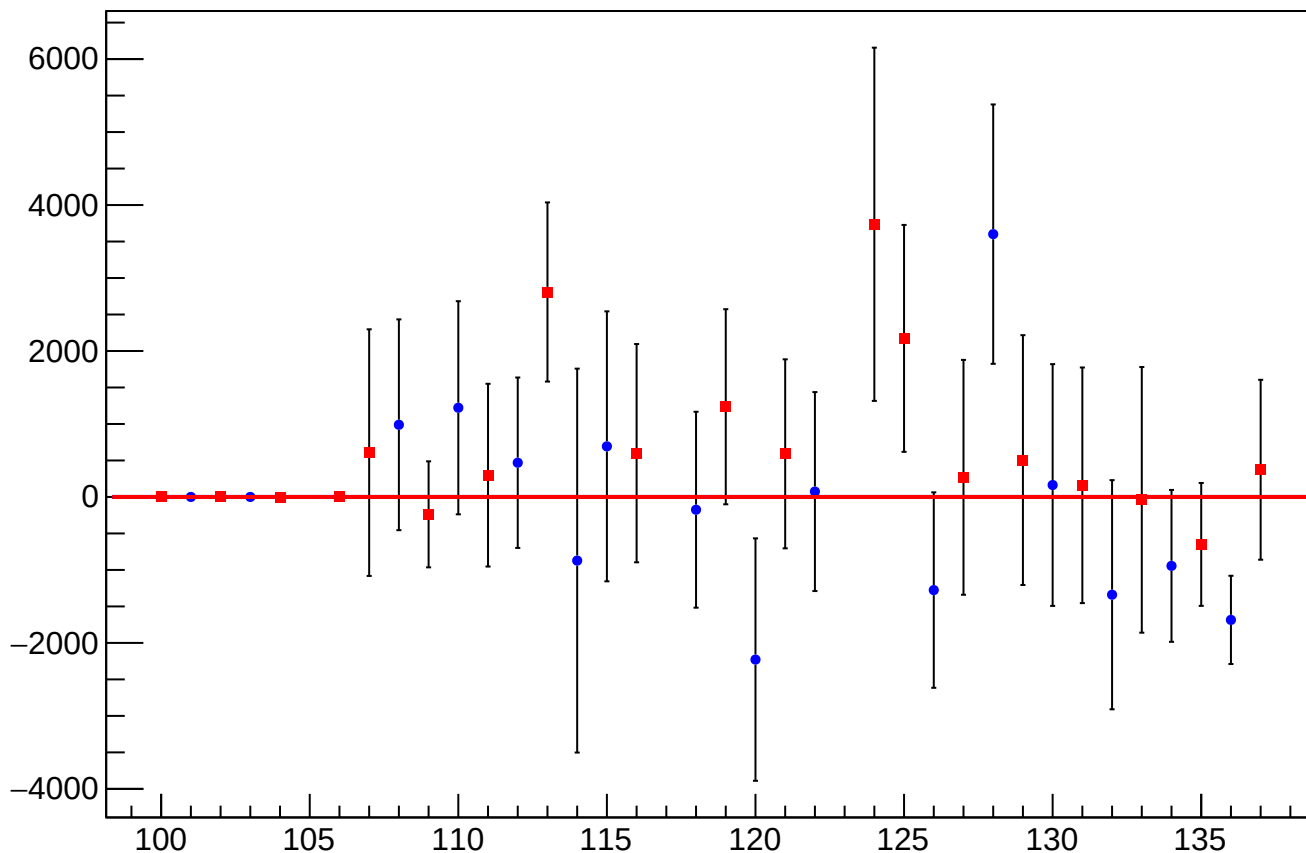
Right: 2188.011+/-0.532 χ^2/NDF : 4758723.2/26

In: 2226.944+/-0.761 χ^2/NDF :2522286.5/12

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2188.011+/-0.532 χ^2/NDF : 4758723.2/26

diff_cav4bX_mean vs Slug, Sign Corrected



Right In: 0.255+/-0.356 χ^2/NDF : 17.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.096+/-0.328 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

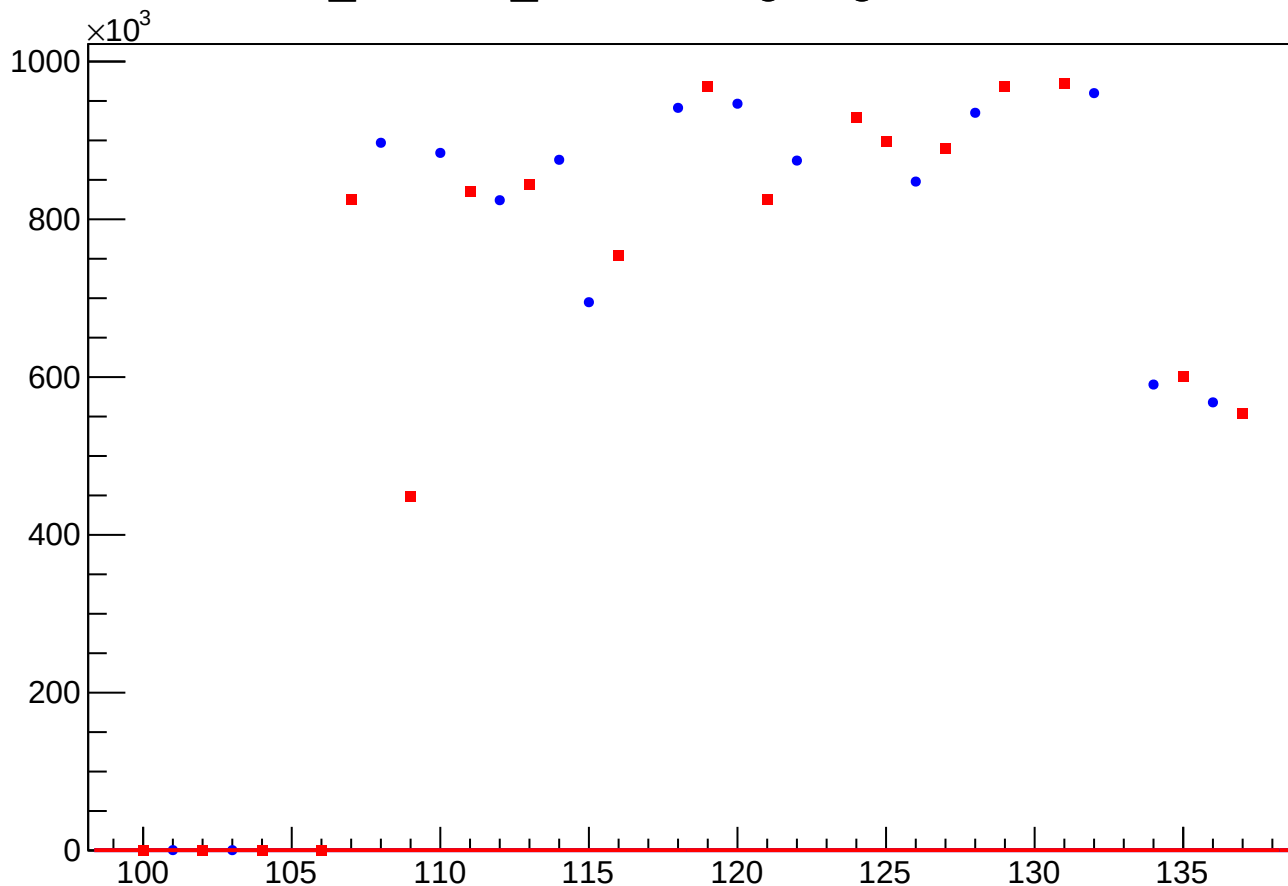
Right: 0.065+/-0.241 χ^2/NDF : 33.7/34

In: 0.255+/-0.356 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-0.241 χ^2/NDF : 33.7/34

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.881 $\pm$ 0.251 χ^2/NDF : 8491830.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.240 $\pm$ 0.232 χ^2/NDF : 7648578.2/17

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

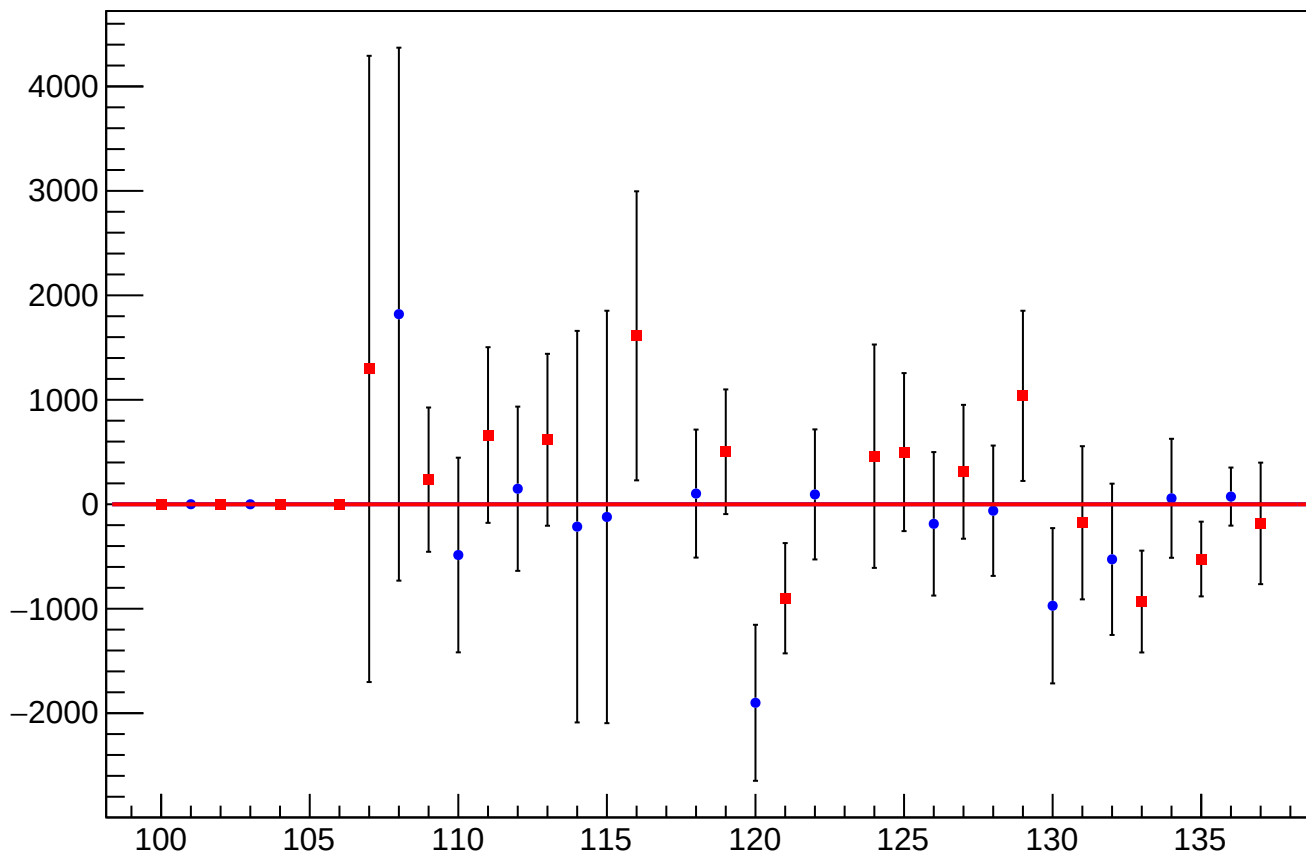
Right: 395.831 $\pm$ 0.170 χ^2/NDF : 16140681.1/32

In: 398.881 $\pm$ 0.251 χ^2/NDF : 8491830.9/14

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.831 $\pm$ 0.170 χ^2/NDF : 16140681.1/32

diff_cav4bY_mean vs Slug, Sign Corrected



Right In: -0.020 ± 0.347 χ^2/NDF : 10.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.599 ± 0.324 χ^2/NDF : 15.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

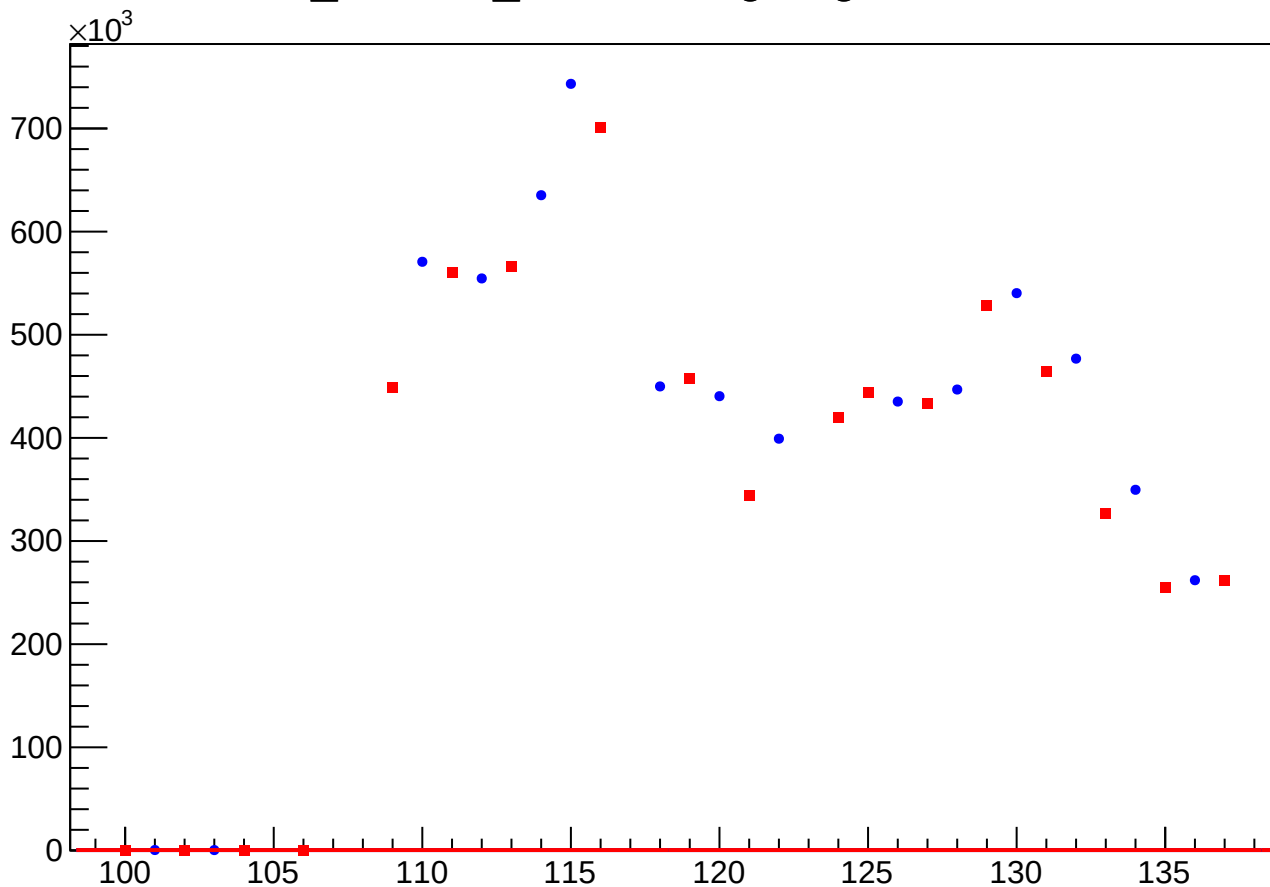
Right: -0.330 ± 0.237 χ^2/NDF : 27.0/34

In: -0.020 ± 0.347 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.330 ± 0.237 χ^2/NDF : 27.0/34

diff_cav4bY_rms vs Slug, Sign Corrected



Right In: 390.276+/-0.245 χ^2/NDF : 11132240.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 387.984+/-0.229 χ^2/NDF : 11074302.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

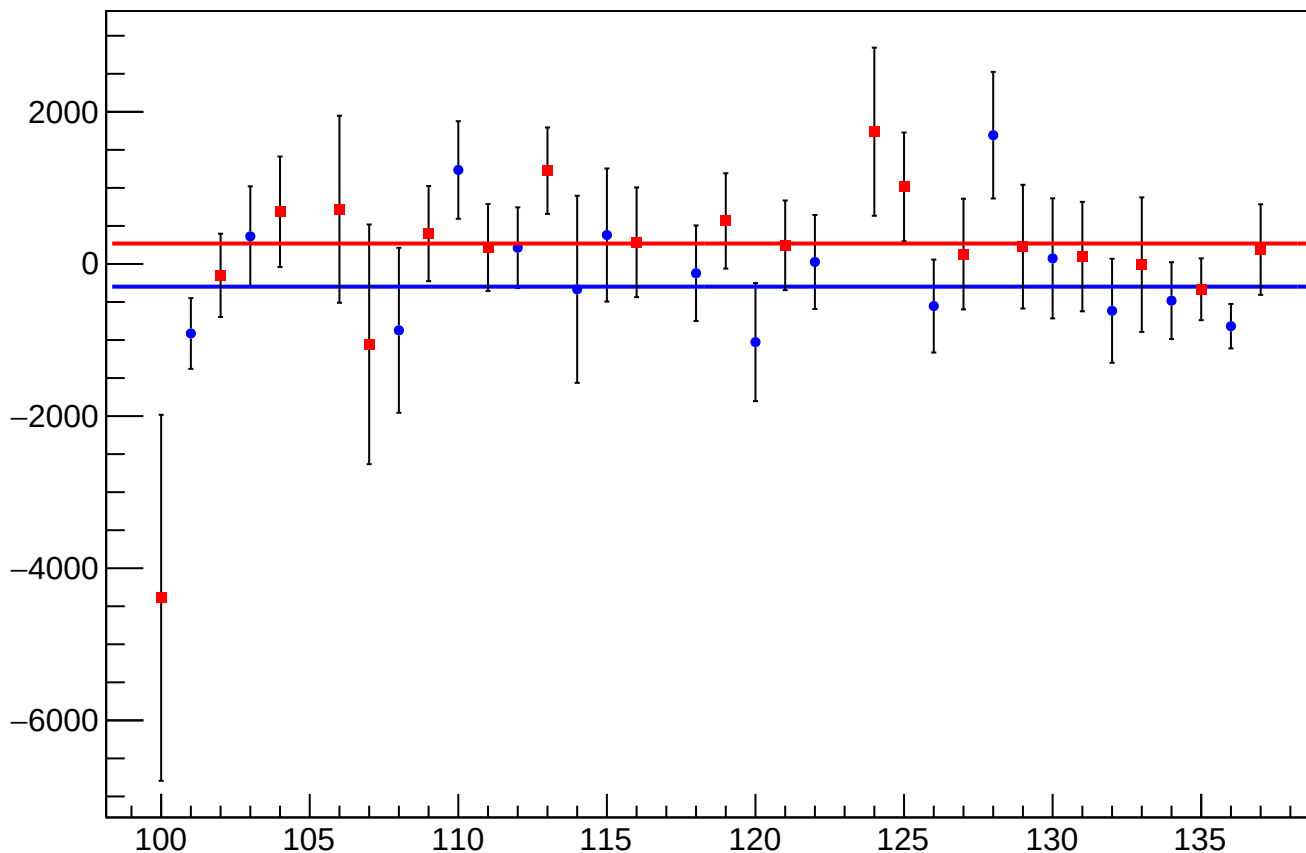
Right: 389.050+/-0.167 χ^2/NDF : 22206589.6/32

In: 390.276+/-0.245 χ^2/NDF : 11132240.7/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.050+/-0.167 χ^2/NDF : 22206589.6/32

diff_cav4cX_mean vs Slug, Sign Corrected



Right In: -298.263+/-147.367 χ^2 /NDF: 21.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 268.892+/-156.582 χ^2 /NDF: 13.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

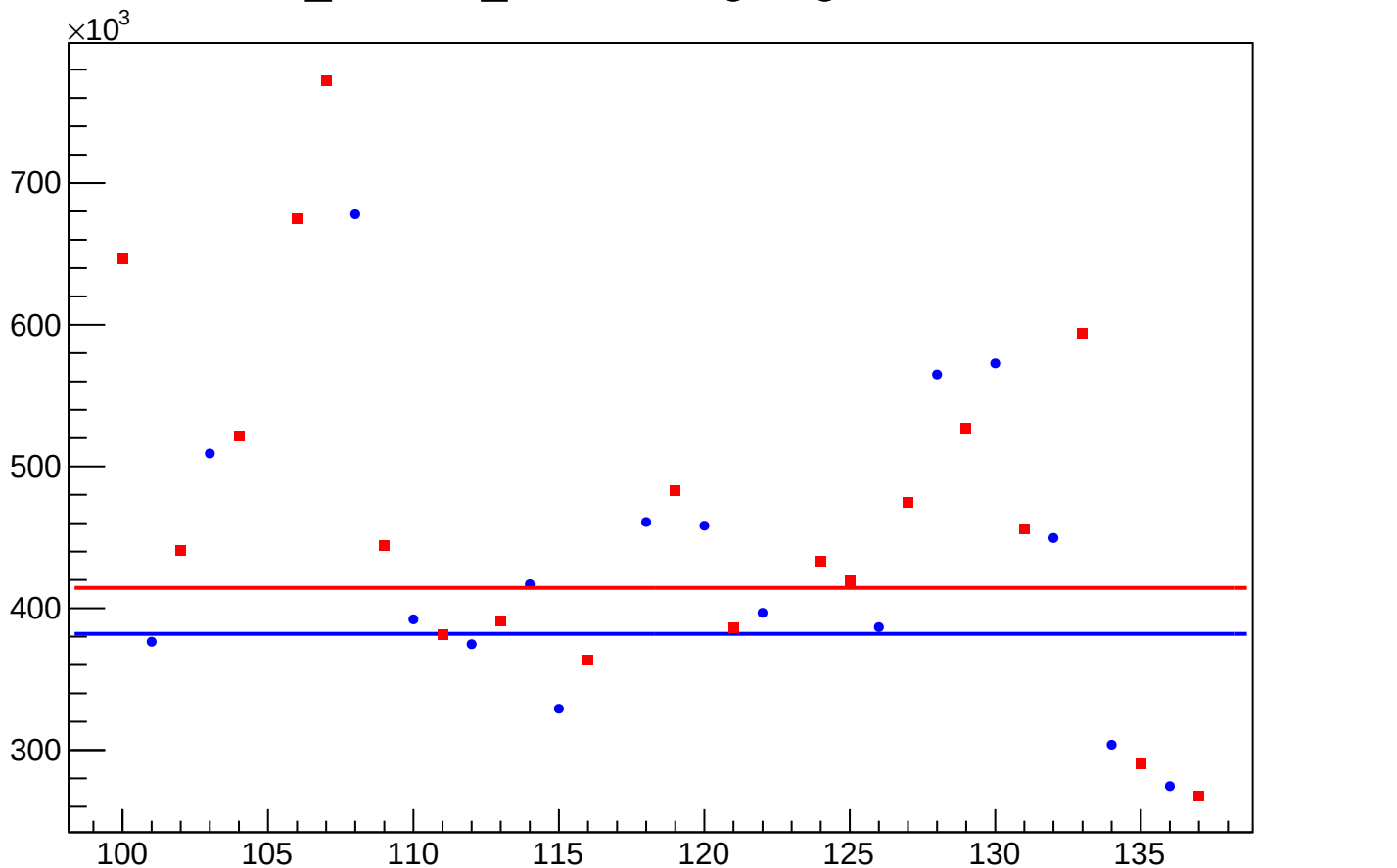
Right: -31.865+/-107.314 χ^2 /NDF: 42.0/34

In: -298.263+/-147.367 χ^2 /NDF:21.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

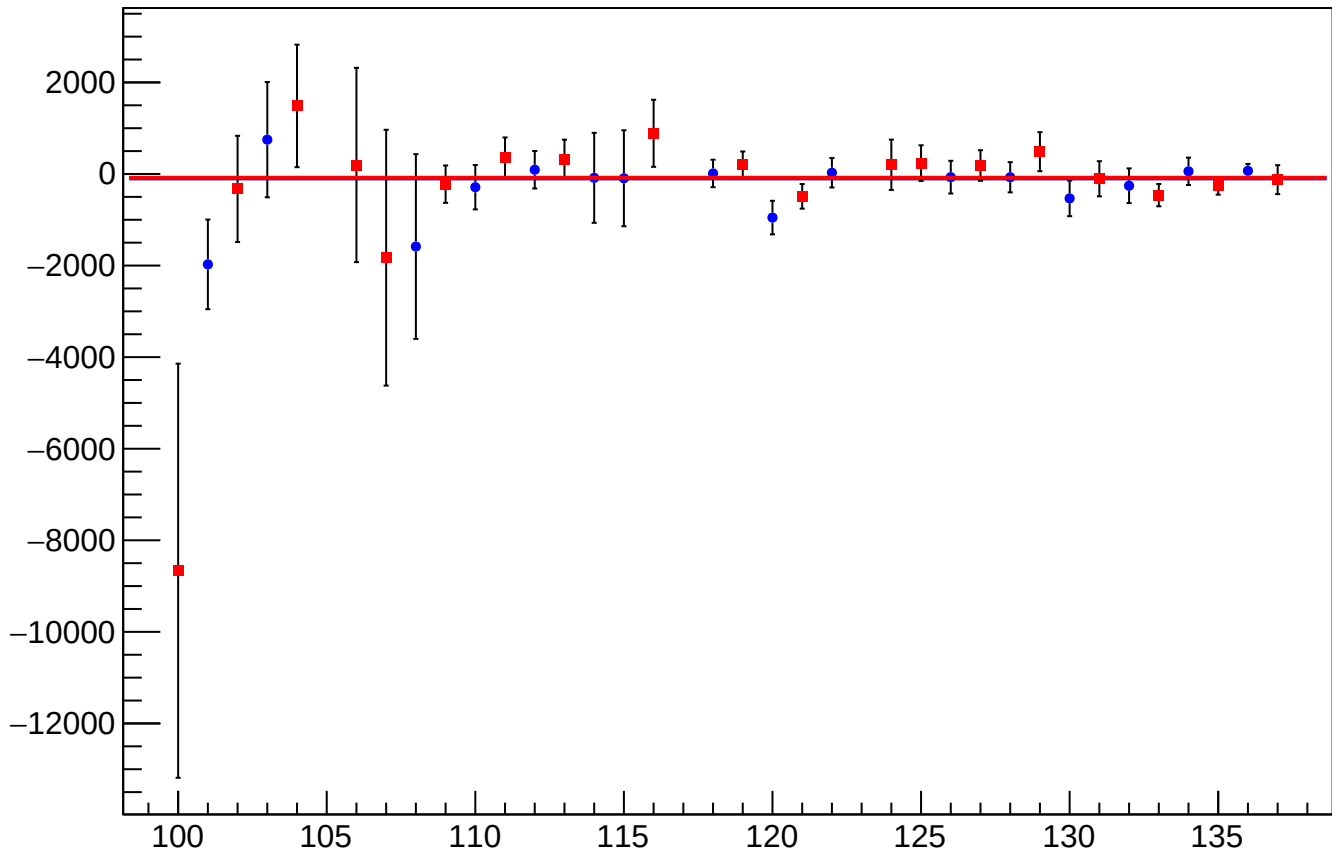
All: -31.865+/-107.314 χ^2 /NDF: 42.0/34

diff_cav4cX_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 381960.471+/-104.223 χ^2/NDF : 836441.6/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 397186.164+/-75.899 χ^2/NDF : 1641963.2/34
 In: 381960.471+/-104.223 χ^2/NDF : 836441.6/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 397186.164+/-75.899 χ^2/NDF : 1641963.2/34

diff_cav4cY_mean vs Slug, Sign Corrected



Right In: -95.850+/-88.267 χ^2 /NDF: 13.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -82.750+/-87.316 χ^2 /NDF: 19.1/18

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

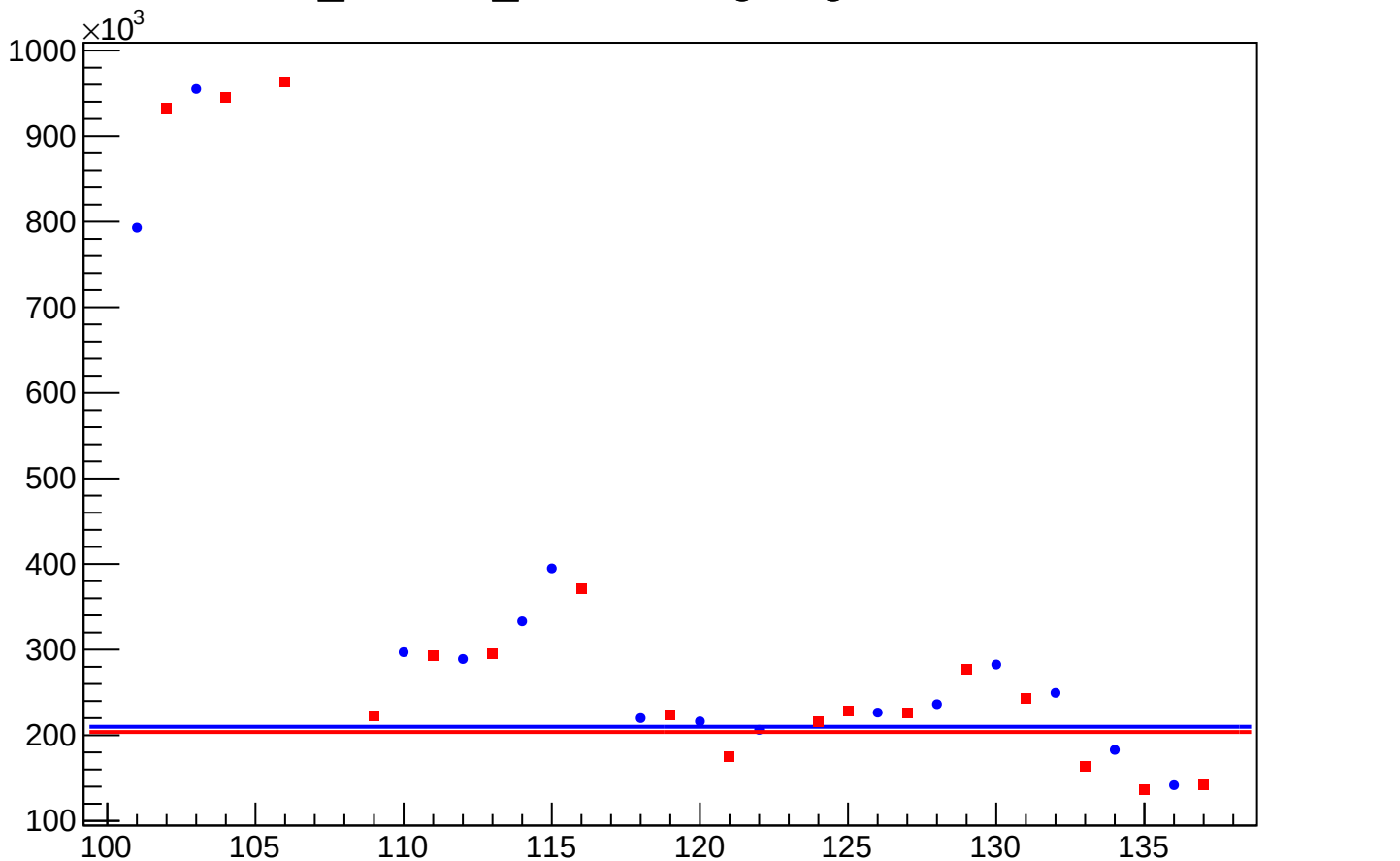
Right: -89.229+/-62.075 χ^2 /NDF: 32.8/34

In: -95.850+/-88.267 χ^2 /NDF: 13.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

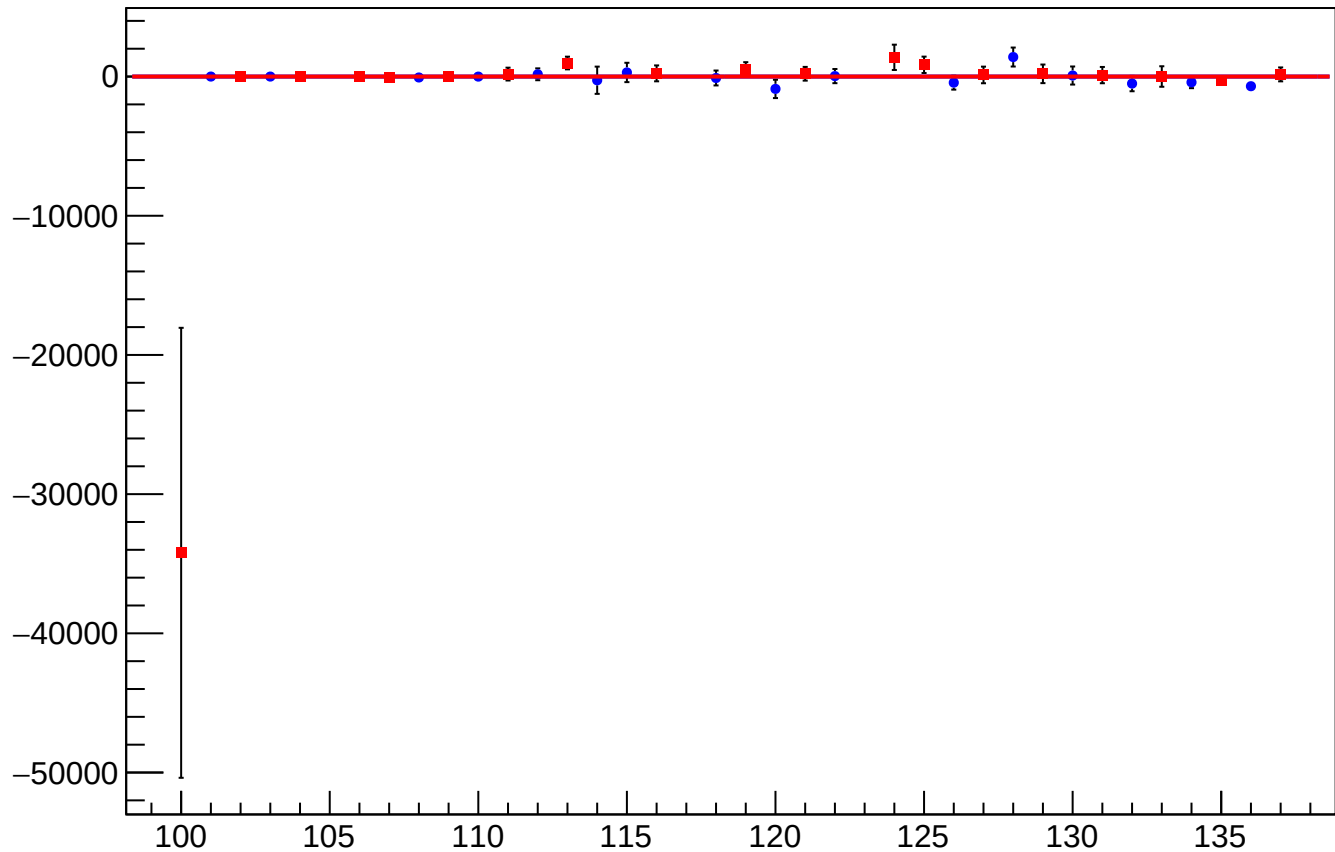
All: -89.229+/-62.075 χ^2 /NDF: 32.8/34

diff_cav4cY_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: 209929.195+/-62.523 χ^2/NDF : 1959897.2/14
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 206830.314+/-43.987 χ^2/NDF : 4035239.4/31
 Right Out: 203793.382+/-61.895 χ^2/NDF : 2070478.1/16
 In: 209929.195+/-62.523 χ^2/NDF : 1959897.2/14
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 206830.314+/-43.987 χ^2/NDF : 4035239.4/31

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 χ^2/NDF : 18.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.355 ± 0.160 χ^2/NDF : 16.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

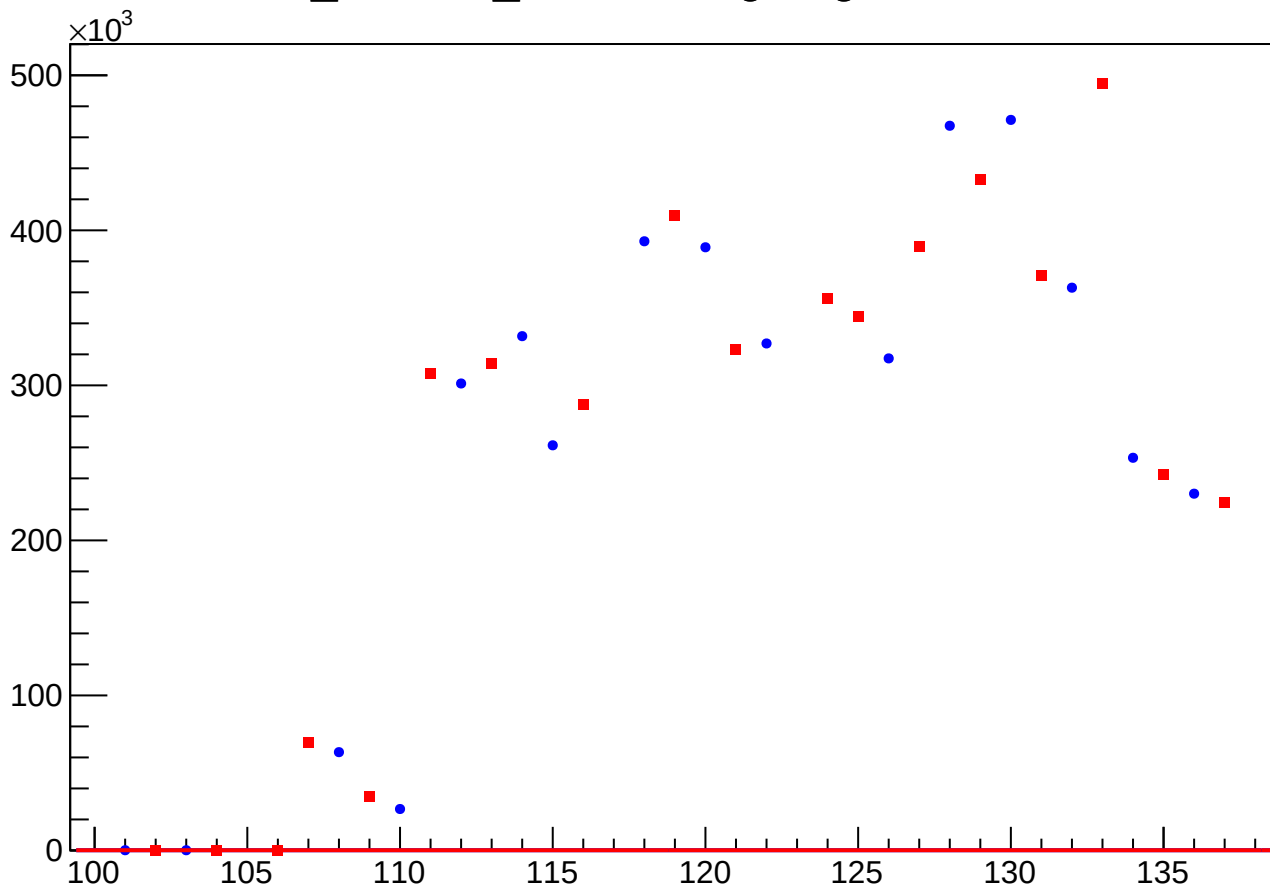
Right: 0.174 ± 0.117 χ^2/NDF : 37.4/34

In: -0.035 ± 0.172 χ^2/NDF : 18.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.174 ± 0.117 χ^2/NDF : 37.4/34

diff_cav4dX_rms vs Slug, Sign Corrected



Right In: 149.092 $\pm$ 0.122 χ^2/NDF : 11301940.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 149.379 $\pm$ 0.113 χ^2/NDF : 11288711.4/17

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

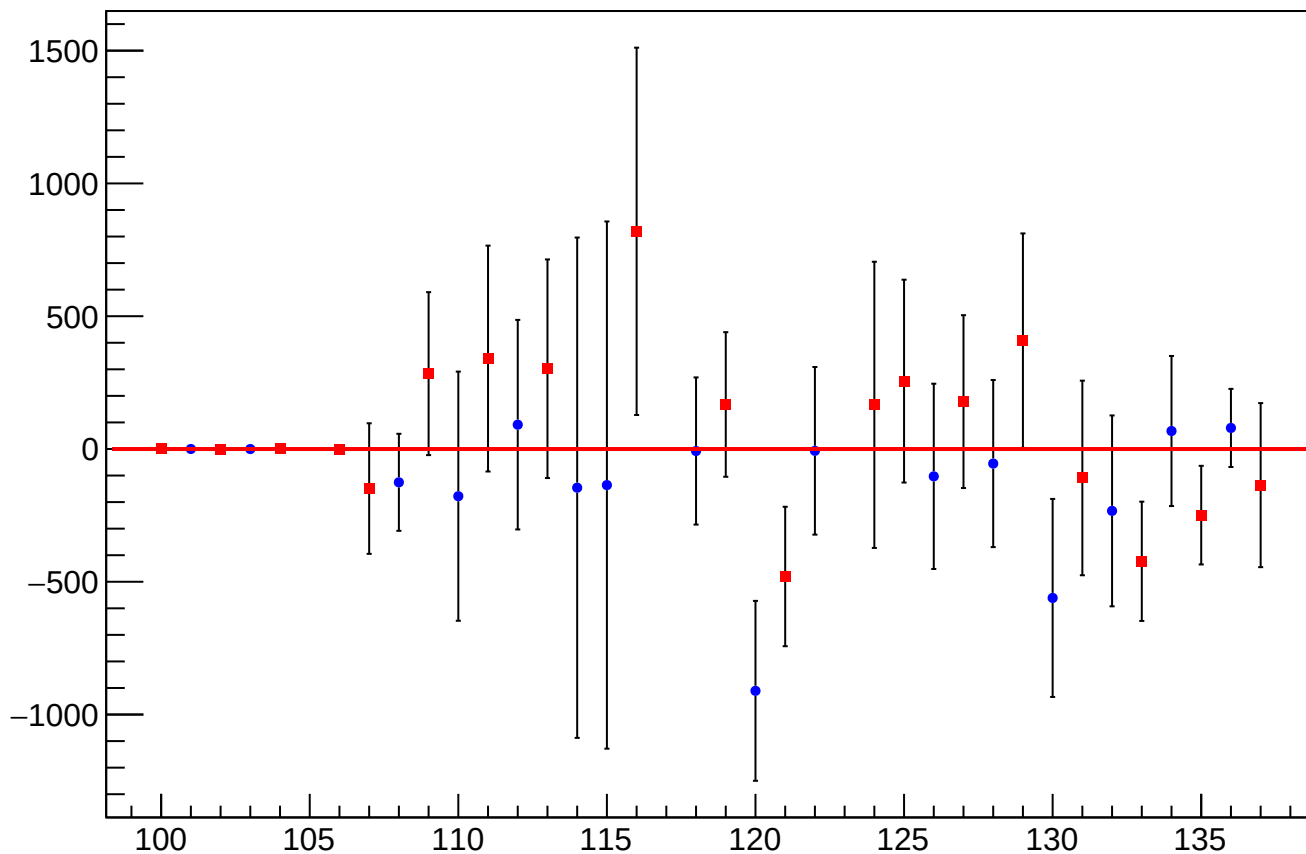
Right: 149.246 $\pm$ 0.083 χ^2/NDF : 22590655.3/33

In: 149.092 $\pm$ 0.122 χ^2/NDF : 11301940.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 149.246 $\pm$ 0.083 χ^2/NDF : 22590655.3/33

diff_cav4dY_mean vs Slug, Sign Corrected



Right In: -0.068 ± 0.177 χ^2/NDF : 11.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.126 ± 0.166 χ^2/NDF : 15.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

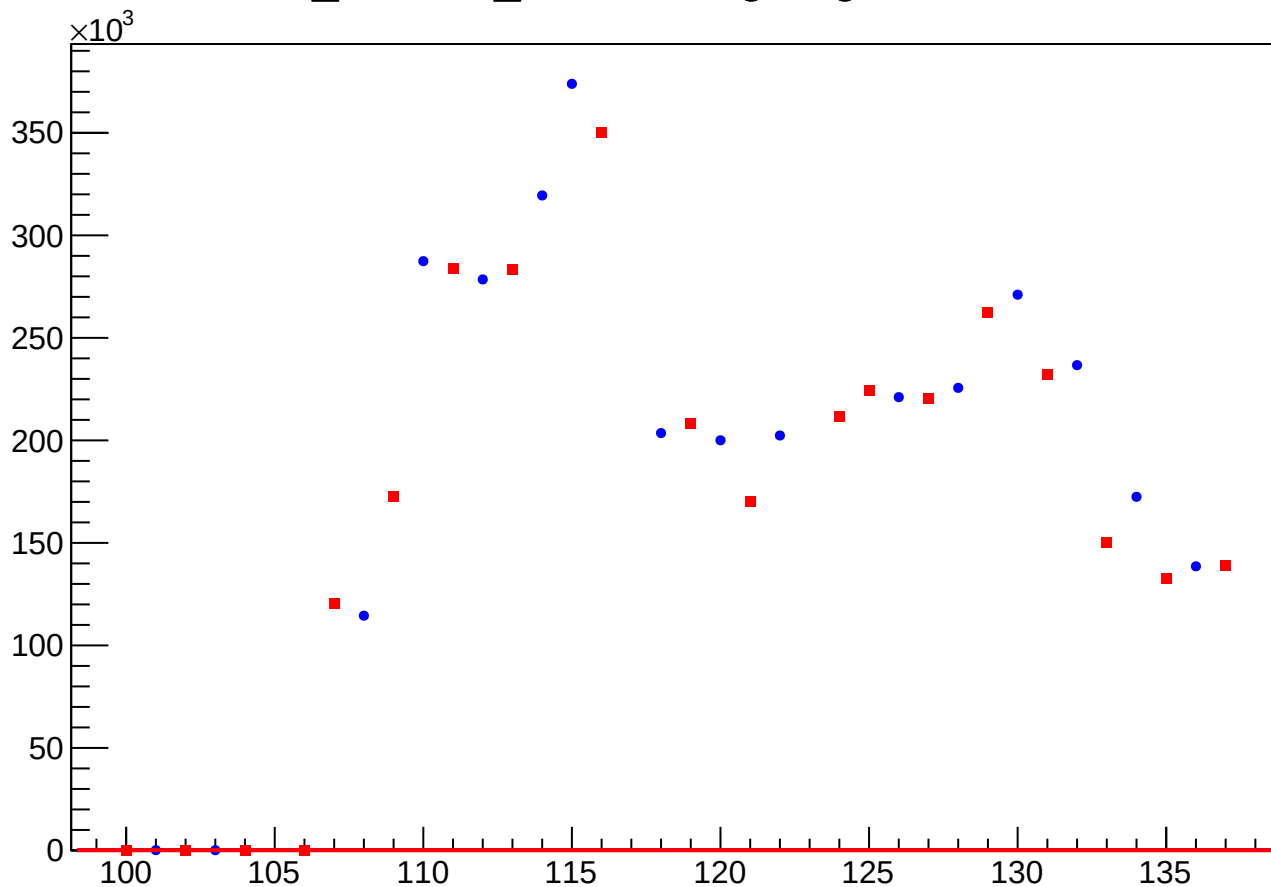
Right: -0.099 ± 0.121 χ^2/NDF : 26.5/34

In: -0.068 ± 0.177 χ^2/NDF : 11.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.121 χ^2/NDF : 26.5/34

diff_cav4dY_rms vs Slug, Sign Corrected



Right In: 153.460 $\pm$ 0.125 χ^2/NDF : 11904914.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 156.158 $\pm$ 0.118 χ^2/NDF : 11330885.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

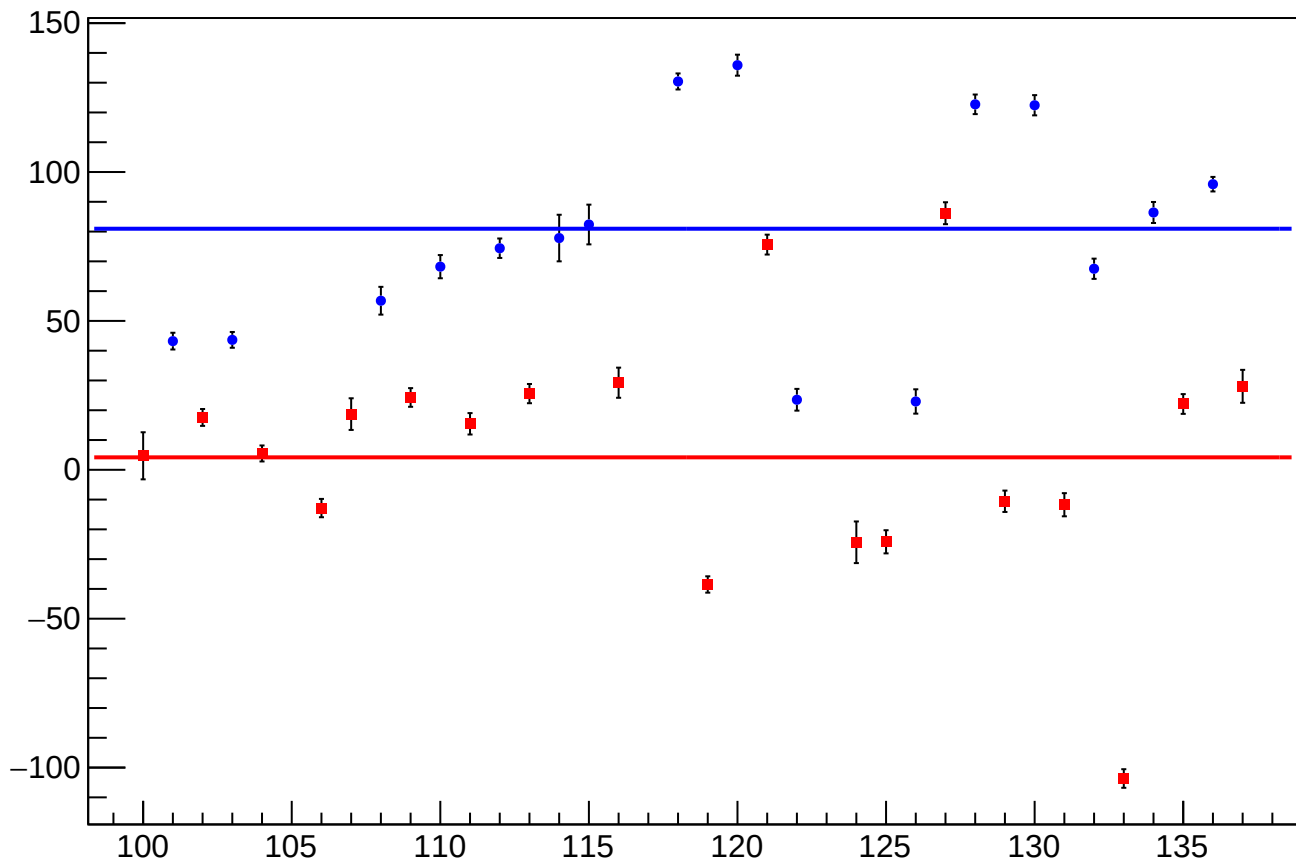
Right: 154.893 $\pm$ 0.086 χ^2/NDF : 23236046.4/34

In: 153.460 $\pm$ 0.125 χ^2/NDF : 11904914.7/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.893 $\pm$ 0.086 χ^2/NDF : 23236046.4/34

diff_bpm0i01X_mean vs Slug, Sign Corrected



Right In: 80.955+/-0.851 χ^2/NDF : 1813.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.183+/-0.820 χ^2/NDF : 2719.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

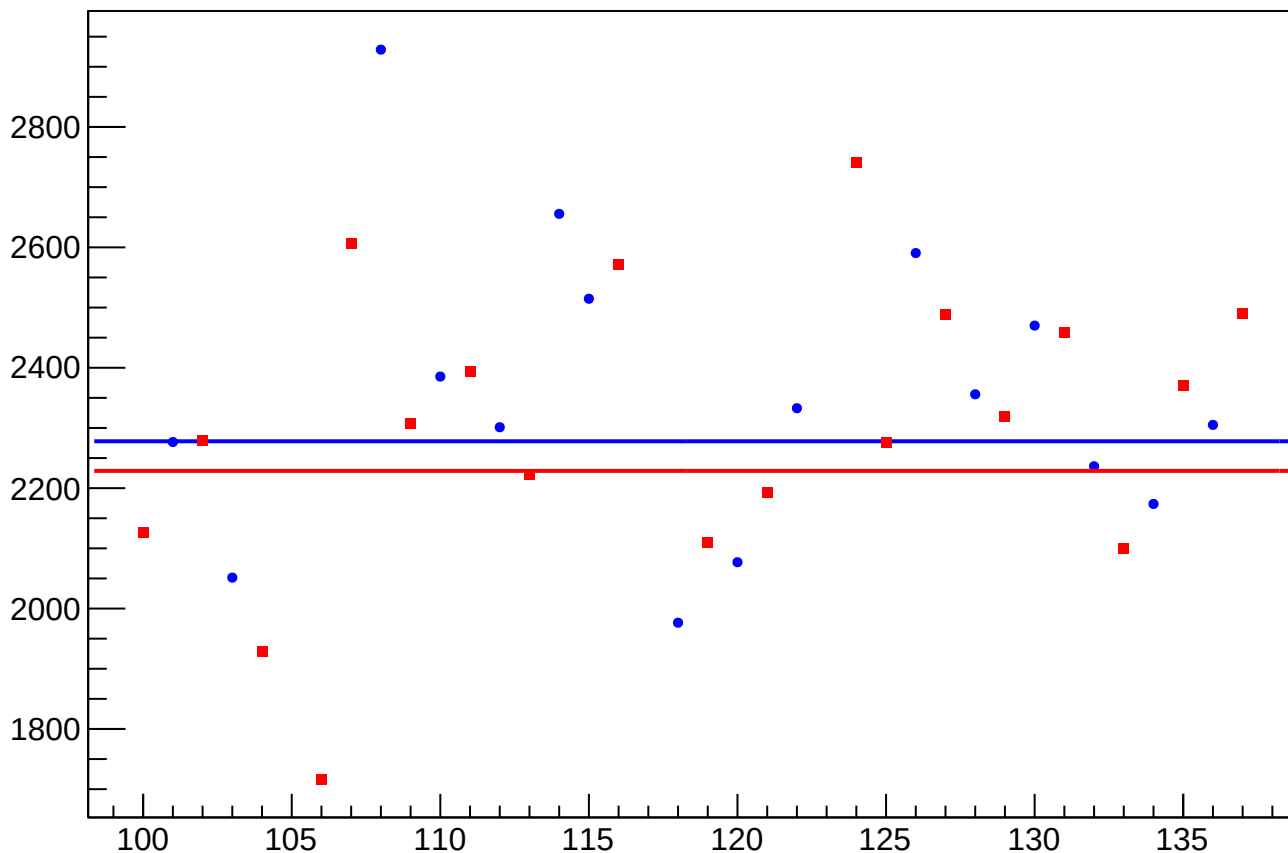
Right: 41.130+/-0.591 χ^2/NDF : 8751.0/34

In: 80.955+/-0.851 χ^2/NDF : 1813.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.130+/-0.591 χ^2/NDF : 8751.0/34

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2277.867 $\pm$ 0.602 χ^2 /NDF: 115771.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2228.689 $\pm$ 0.580 χ^2 /NDF: 151135.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

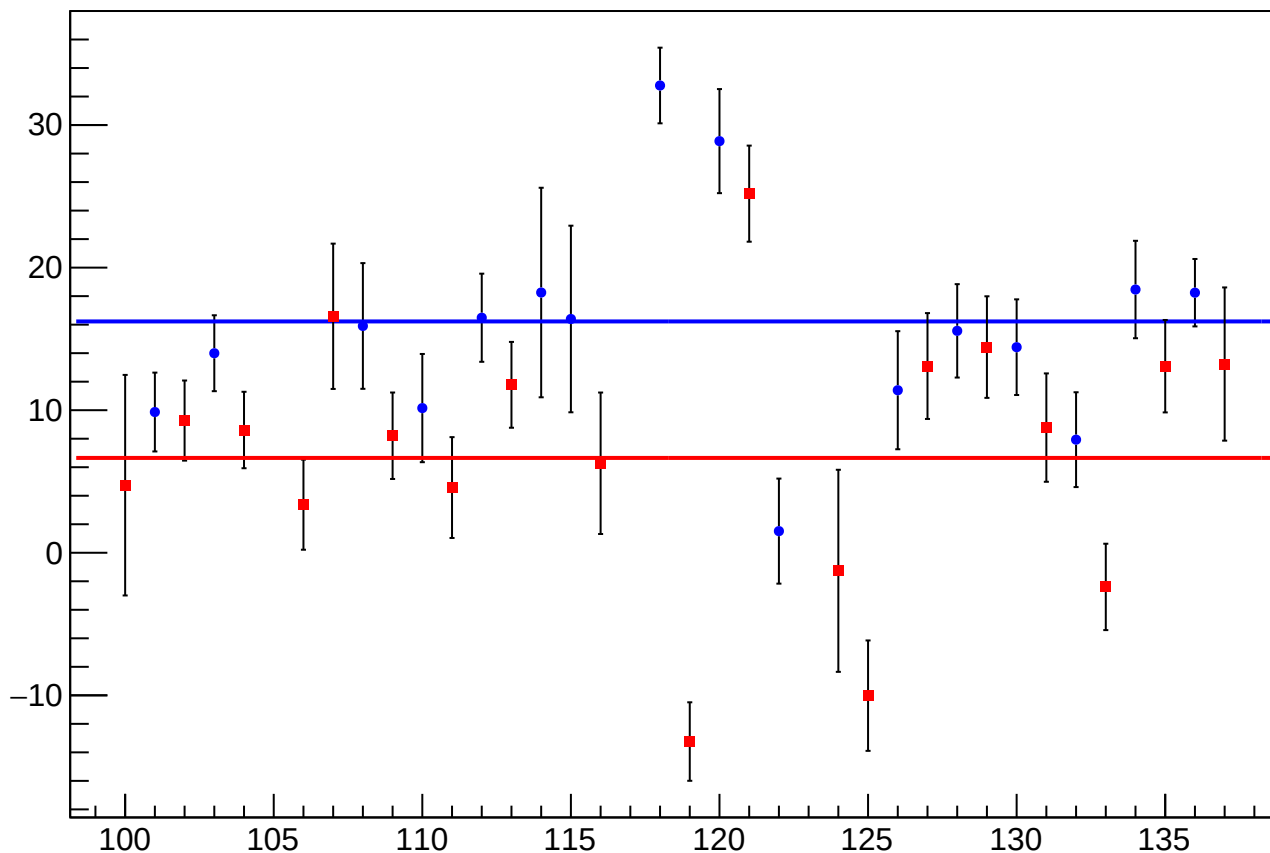
Right: 2252.356 $\pm$ 0.418 χ^2 /NDF: 270367.9/34

In: 2277.867 $\pm$ 0.602 χ^2 /NDF:115771.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2252.356 $\pm$ 0.418 χ^2 /NDF: 270367.9/34

diff_bpm0i01Y_mean vs Slug, Sign Corrected



Right In: 16.226 $\pm$ 0.838 χ^2 /NDF: 84.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.652 $\pm$ 0.809 χ^2 /NDF: 134.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

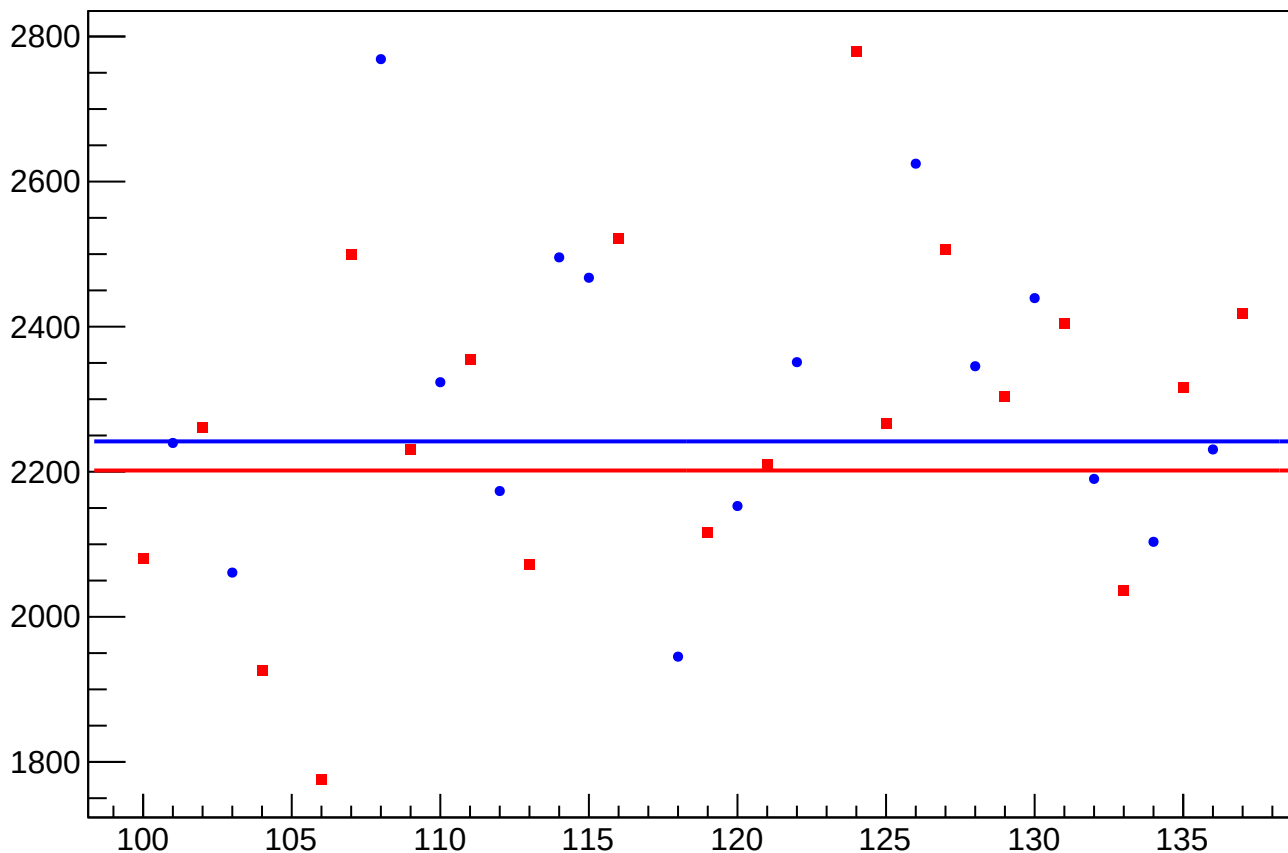
Right: 11.274 $\pm$ 0.582 χ^2 /NDF: 286.7/34

In: 16.226 $\pm$ 0.838 χ^2 /NDF:84.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.274 $\pm$ 0.582 χ^2 /NDF: 286.7/34

diff_bpm0i01Y_rms vs Slug, Sign Corrected



Right In: 2241.853+/-0.592 χ^2/NDF : 102260.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2201.739+/-0.572 χ^2/NDF : 129882.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

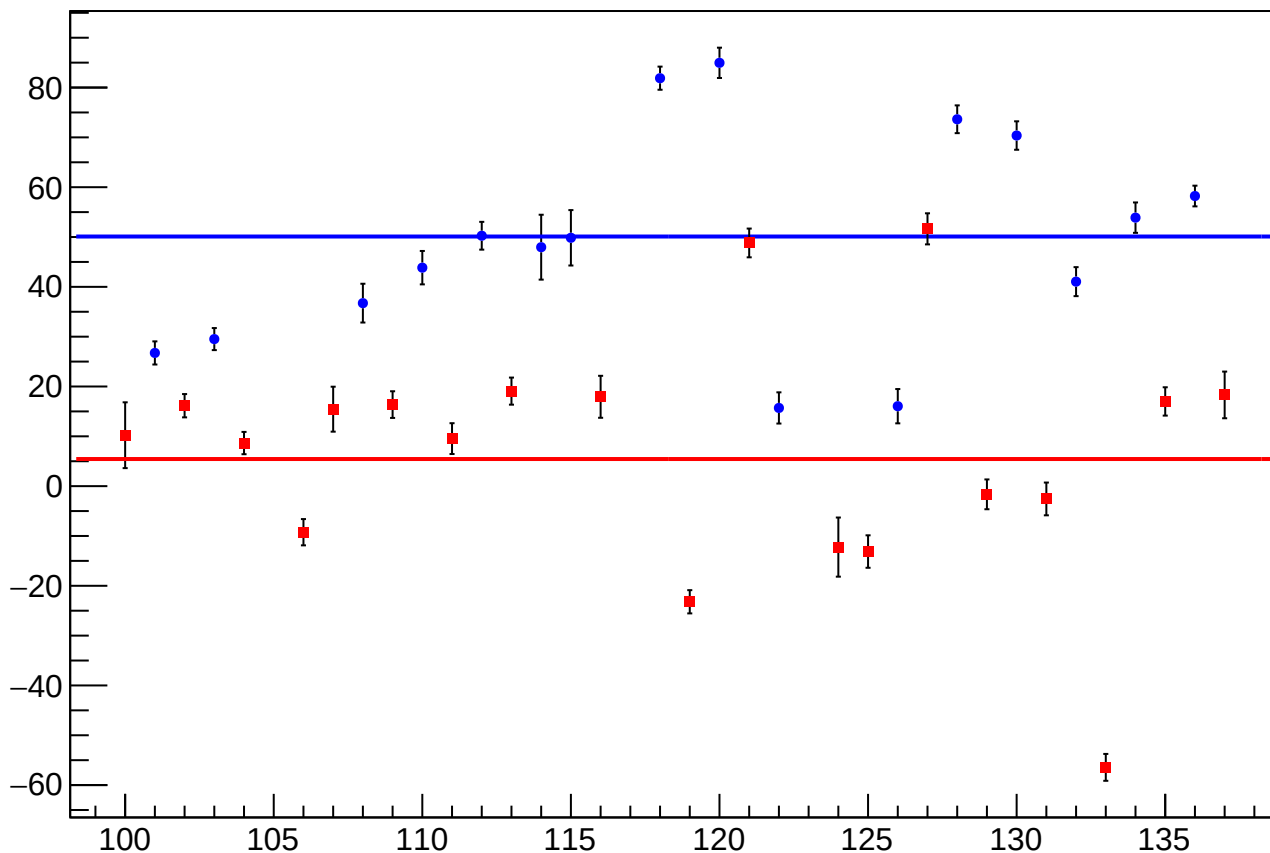
Right: 2221.106+/-0.412 χ^2/NDF : 234515.6/34

In: 2241.853+/-0.592 χ^2/NDF :102260.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2221.106+/-0.412 χ^2/NDF : 234515.6/34

diff_bpm0i01aX_mean vs Slug, Sign Corrected



Right In: 50.102+/-0.722 χ^2/NDF : 888.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.444+/-0.694 χ^2/NDF : 1311.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

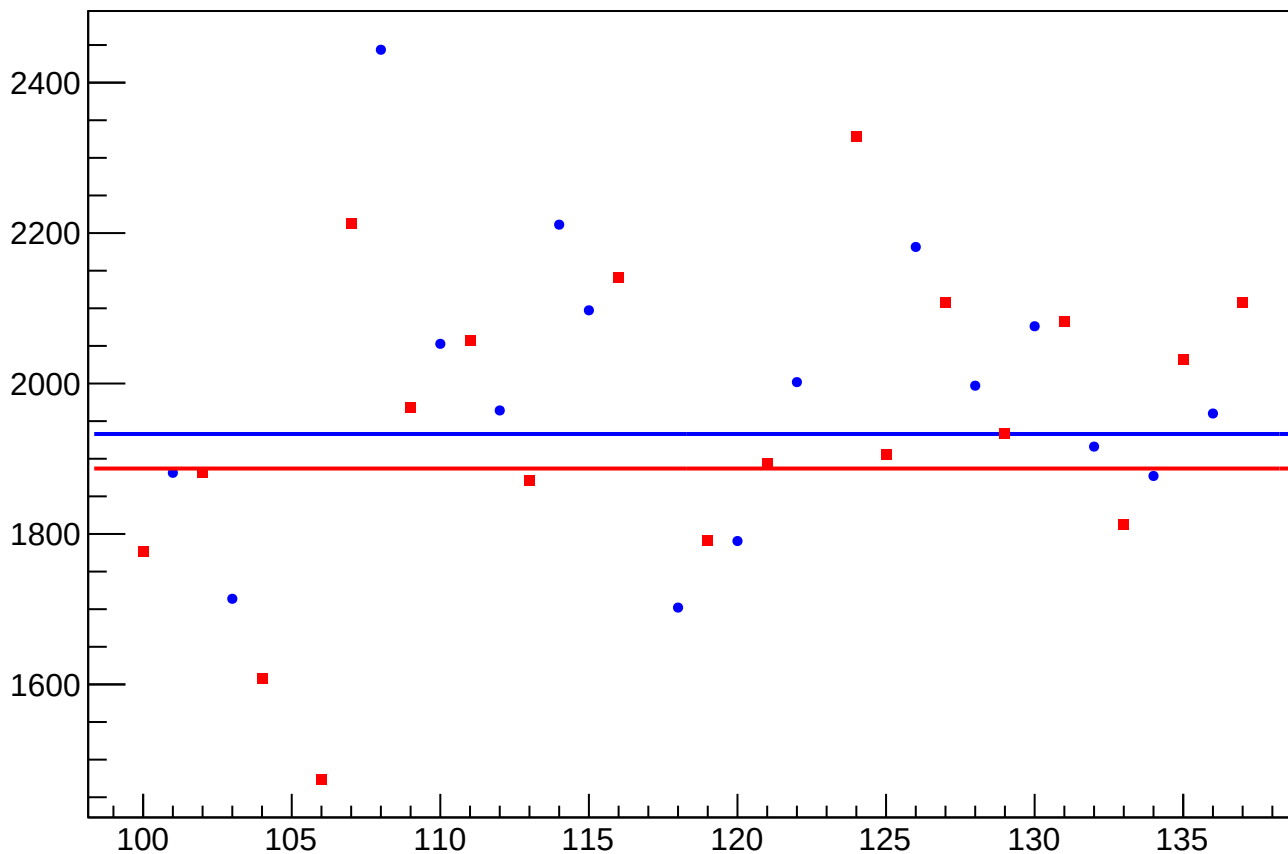
Right: 26.895+/-0.500 χ^2/NDF : 4187.6/34

In: 50.102+/-0.722 χ^2/NDF : 888.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.895+/-0.500 χ^2/NDF : 4187.6/34

diff_bpm0i01aX_rms vs Slug, Sign Corrected



Right In: 1932.904 $\pm$ 0.511 χ^2 /NDF: 105967.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1887.006 $\pm$ 0.491 χ^2 /NDF: 149746.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

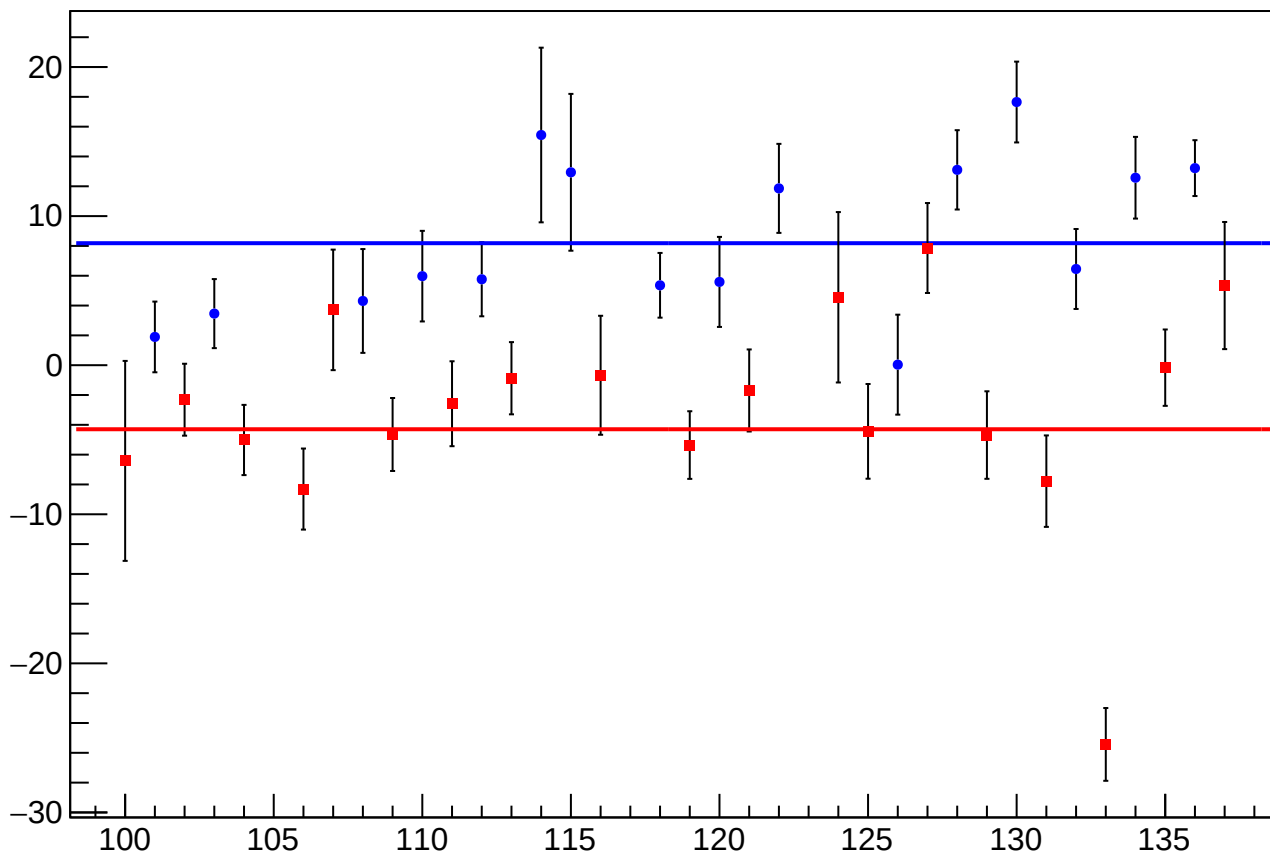
Right: 1909.052 $\pm$ 0.354 χ^2 /NDF: 259912.9/34

In: 1932.904 $\pm$ 0.511 χ^2 /NDF:105967.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1909.052 $\pm$ 0.354 χ^2 /NDF: 259912.9/34

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 8.183 ± 0.684 $\chi^2/\text{NDF}: 52.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.297 ± 0.665 $\chi^2/\text{NDF}: 114.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

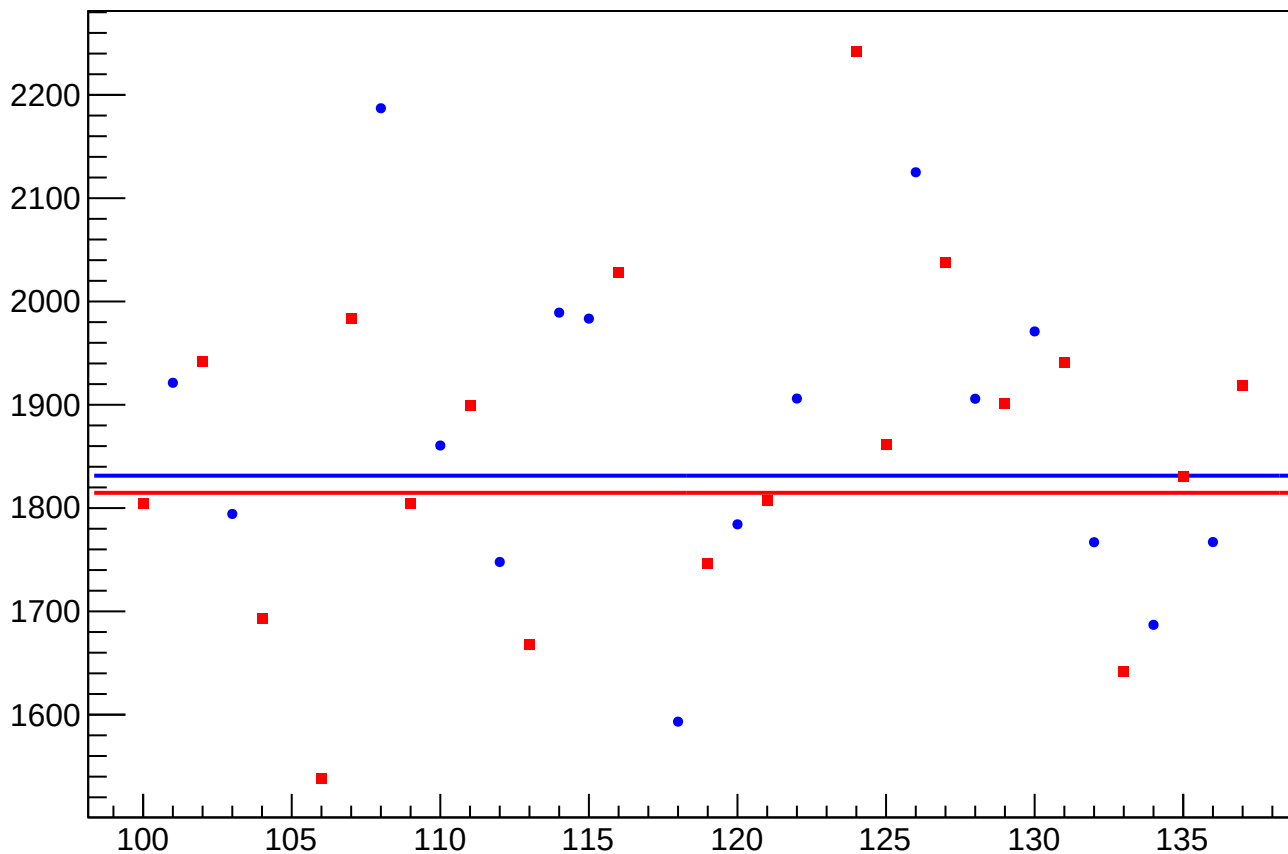
Right: 1.776 ± 0.477 $\chi^2/\text{NDF}: 337.0/34$

In: 8.183 ± 0.684 $\chi^2/\text{NDF}: 52.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 1.776 ± 0.477 $\chi^2/\text{NDF}: 337.0/34$

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1831.359 $\pm$ 0.483 χ^2 /NDF: 86919.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1814.774 $\pm$ 0.471 χ^2 /NDF: 90738.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

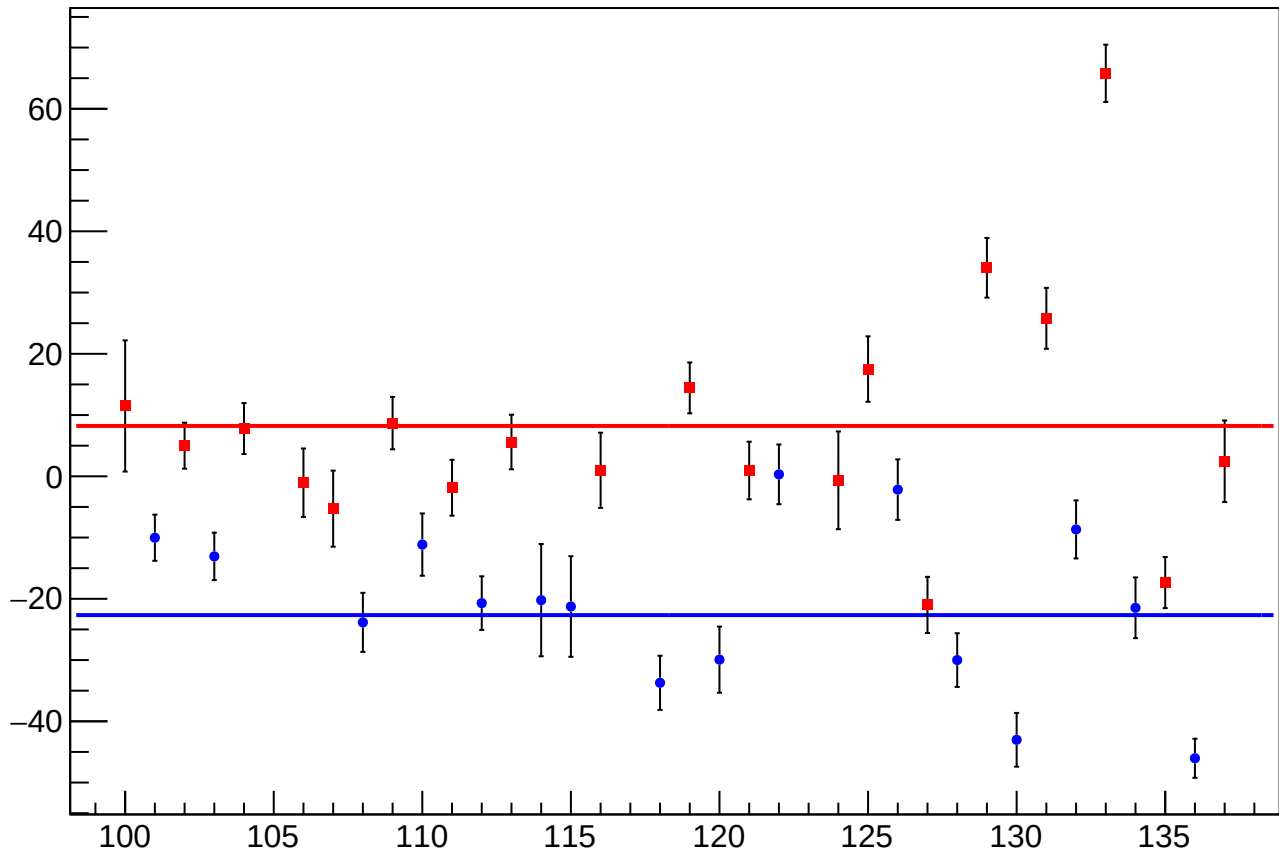
Right: 1822.844 $\pm$ 0.337 χ^2 /NDF: 178262.4/34

In: 1831.359 $\pm$ 0.483 χ^2 /NDF:86919.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1822.844 $\pm$ 0.337 χ^2 /NDF: 178262.4/34

diff_bpm0l01X_mean vs Slug, Sign Corrected



Right In: -22.663+/-1.152 χ^2/NDF : 157.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.224+/-1.129 χ^2/NDF : 294.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

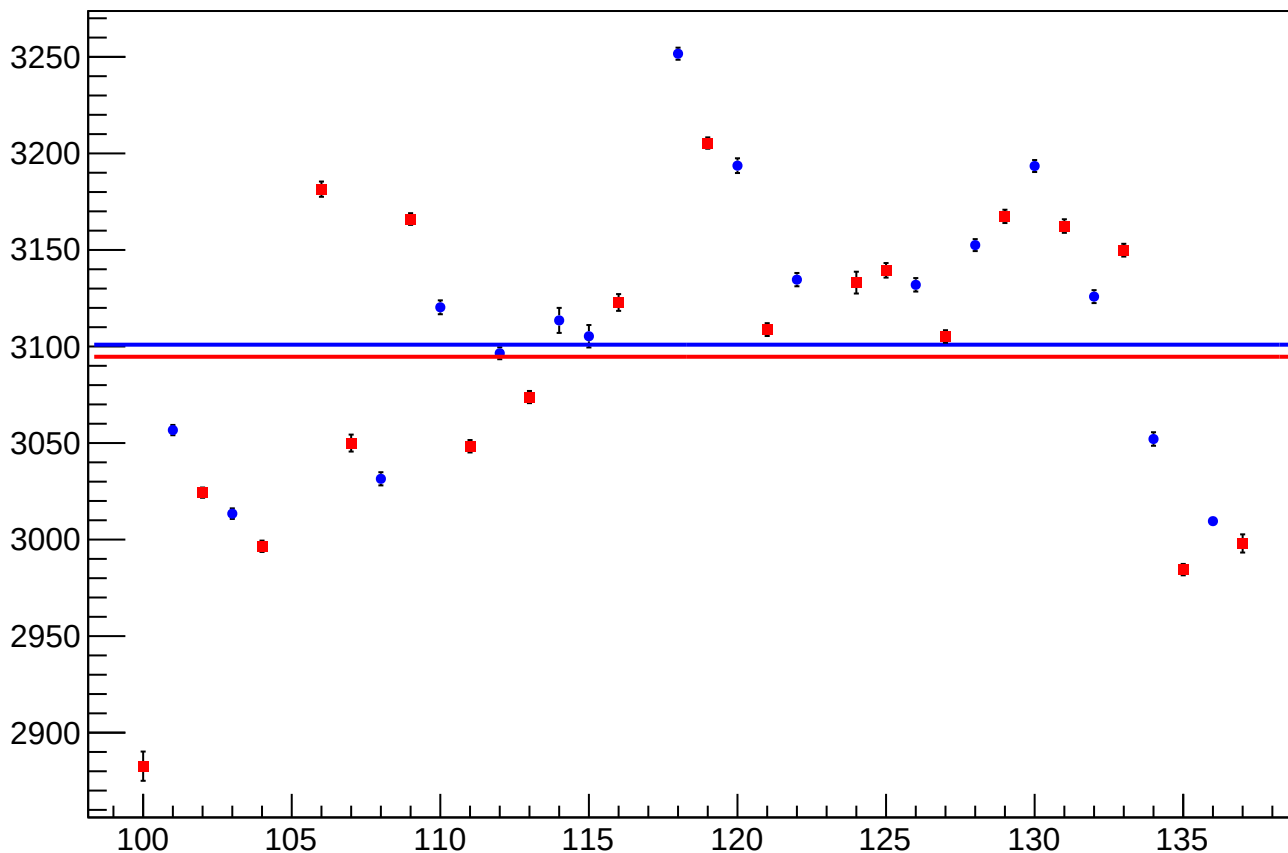
Right: -6.906+/-0.806 χ^2/NDF : 818.8/34

In: -22.663+/-1.152 χ^2/NDF : 157.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.906+/-0.806 χ^2/NDF : 818.8/34

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.940 $\pm$ 0.815 χ^2 /NDF: 7893.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3094.688 $\pm$ 0.798 χ^2 /NDF: 8584.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

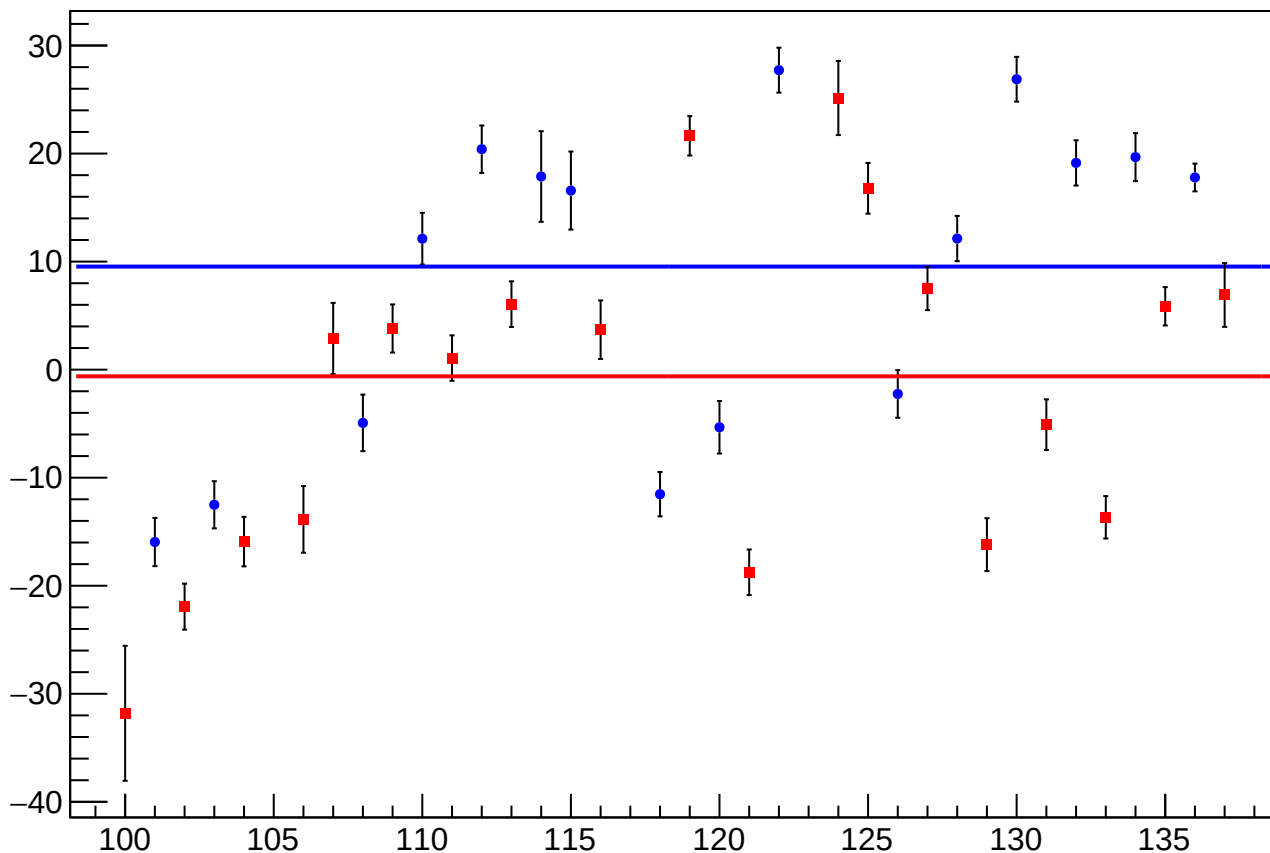
Right: 3097.751 $\pm$ 0.570 χ^2 /NDF: 16508.2/34

In: 3100.940 $\pm$ 0.815 χ^2 /NDF:7893.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3097.751 $\pm$ 0.570 χ^2 /NDF: 16508.2/34

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 9.540 $\pm$ 0.541 χ^2 /NDF: 698.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.620 $\pm$ 0.534 χ^2 /NDF: 665.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

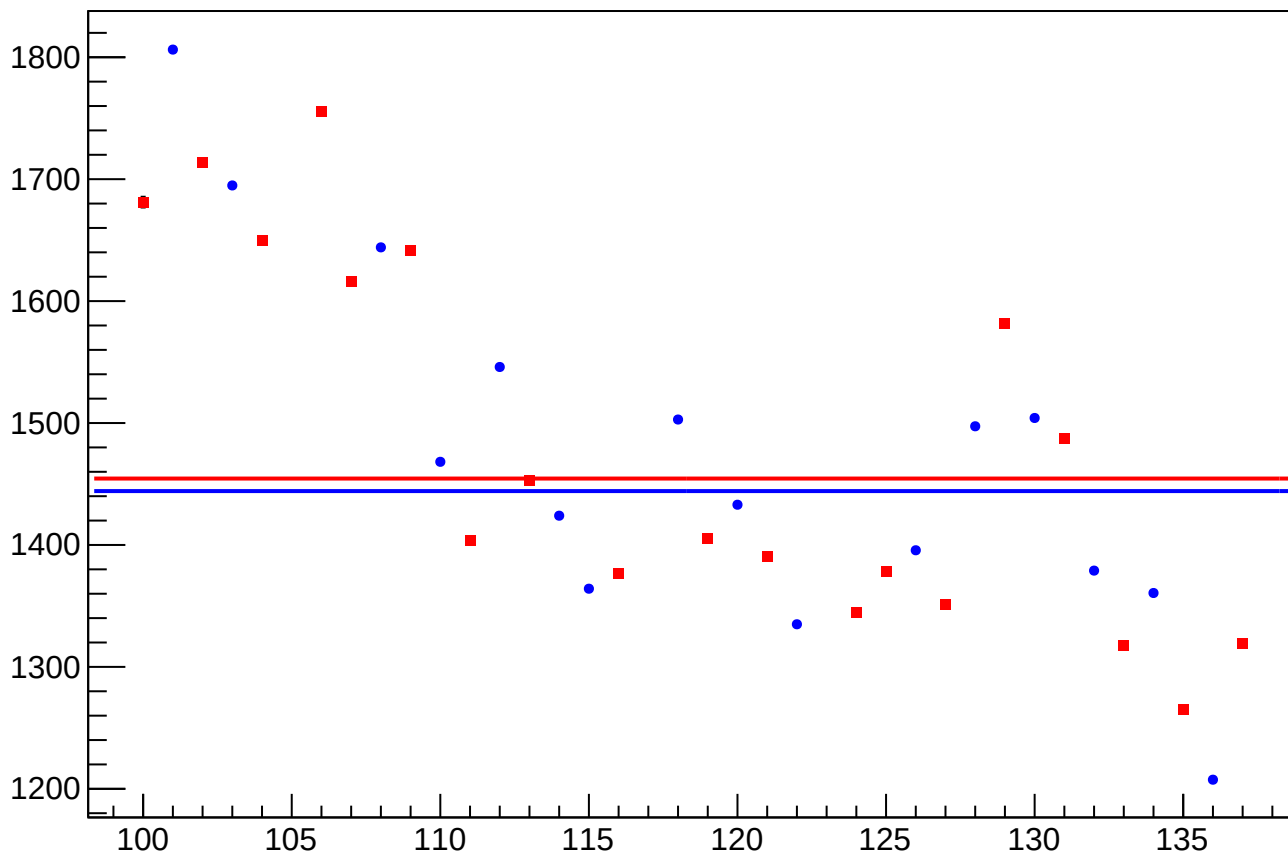
Right: 4.392 $\pm$ 0.380 χ^2 /NDF: 1543.1/34

In: 9.540 $\pm$ 0.541 χ^2 /NDF:698.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.392 $\pm$ 0.380 χ^2 /NDF: 1543.1/34

diff_bpm0l01Y_rms vs Slug, Sign Corrected



Right In: 1444.188+/-0.383 χ^2/NDF : 180147.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1454.470+/-0.378 χ^2/NDF : 142772.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

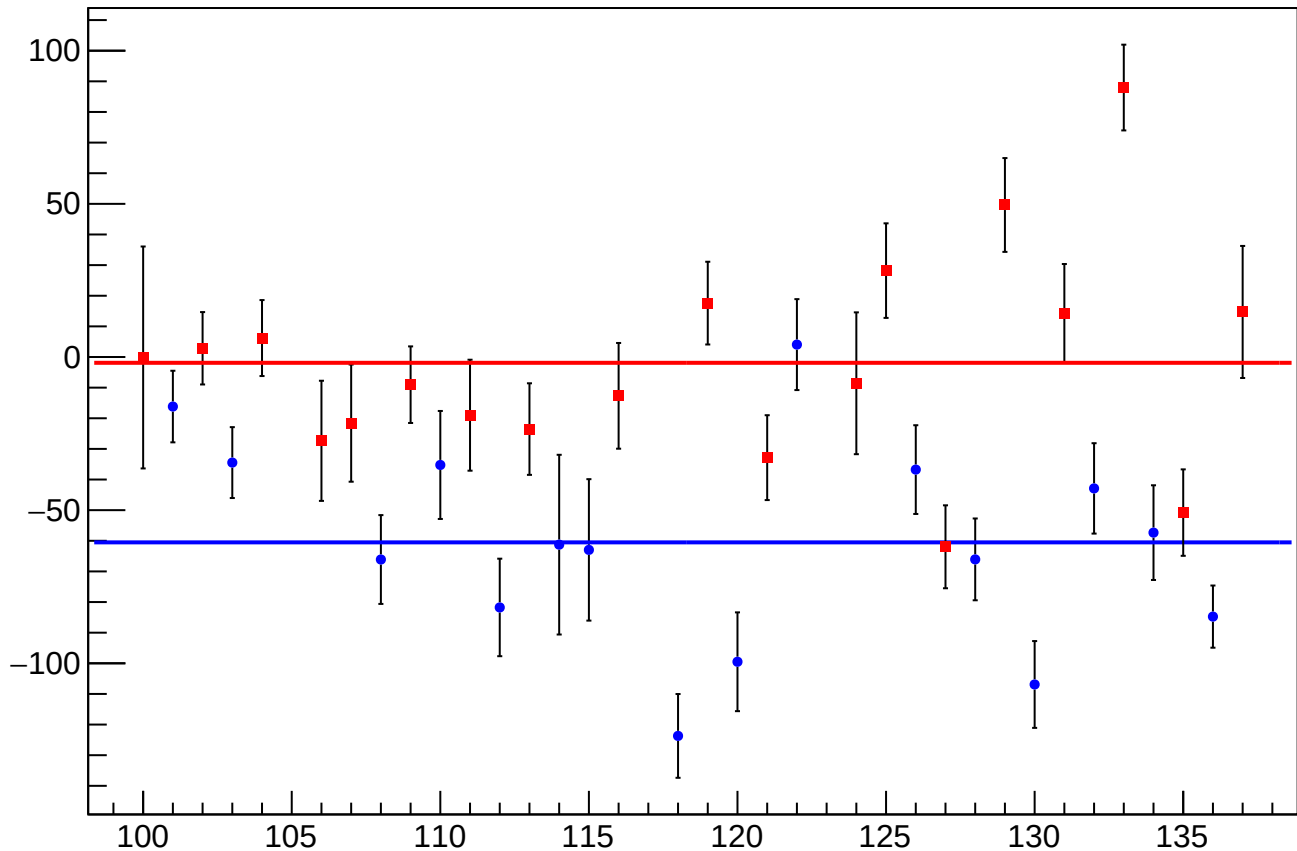
Right: 1449.398+/-0.269 χ^2/NDF : 323286.5/34

In: 1444.188+/-0.383 χ^2/NDF : 180147.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1449.398+/-0.269 χ^2/NDF : 323286.5/34

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -60.516 ± 3.596 $\chi^2/\text{NDF}: 90.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.894 ± 3.543 $\chi^2/\text{NDF}: 103.8/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

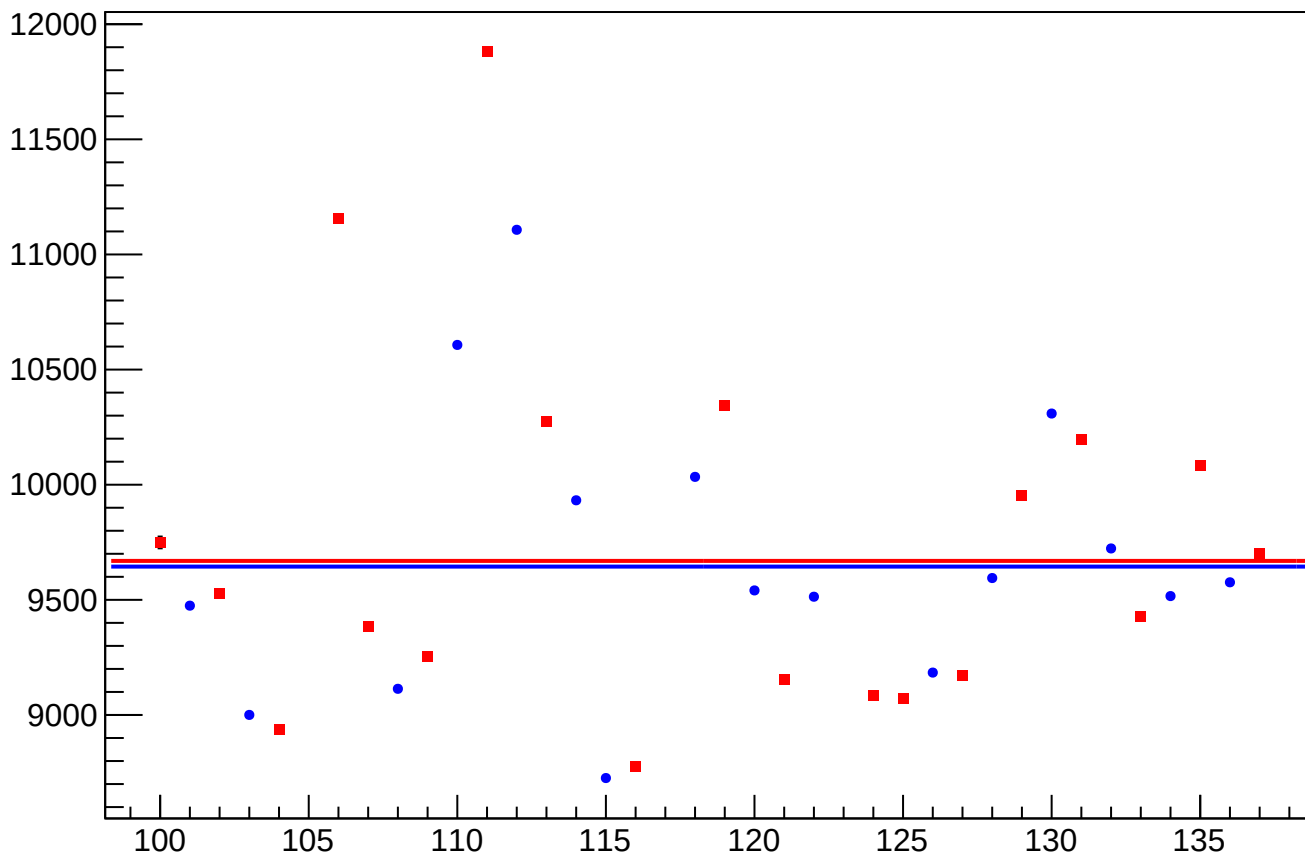
Right: -30.766 ± 2.524 $\chi^2/\text{NDF}: 329.0/34$

In: -60.516 ± 3.596 $\chi^2/\text{NDF}: 90.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.766 ± 2.524 $\chi^2/\text{NDF}: 329.0/34$

diff_bpm0l02X_rms vs Slug, Sign Corrected



Right In: 9644.396+/-2.543 χ^2/NDF : 44101.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9669.136+/-2.505 χ^2/NDF : 79878.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

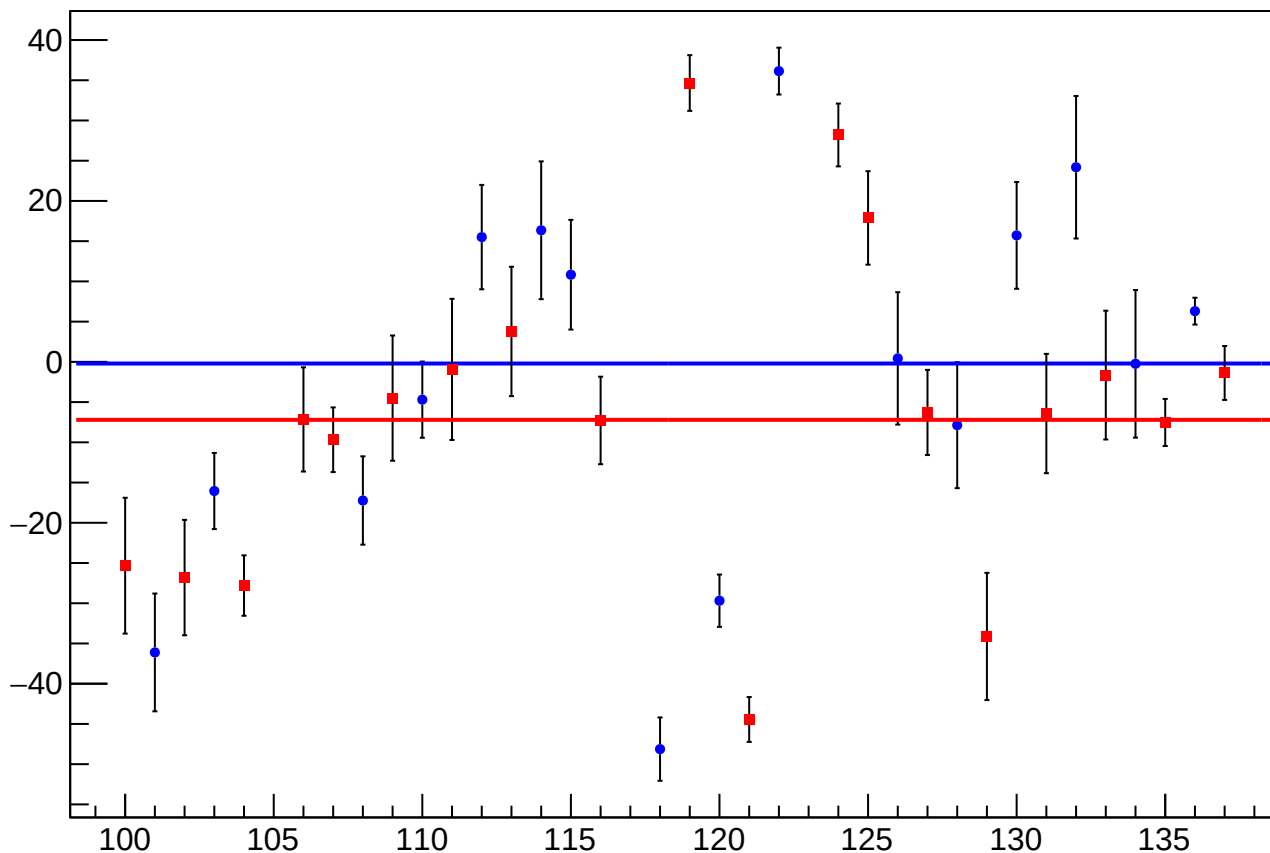
Right: 9656.951+/-1.785 χ^2/NDF : 124027.7/34

In: 9644.396+/-2.543 χ^2/NDF : 44101.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9656.951+/-1.785 χ^2/NDF : 124027.7/34

diff_bpm0l02Y_mean vs Slug, Sign Corrected



Right In: -0.206 ± 1.045 χ^2/NDF : 473.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.206 ± 1.074 χ^2/NDF : 485.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

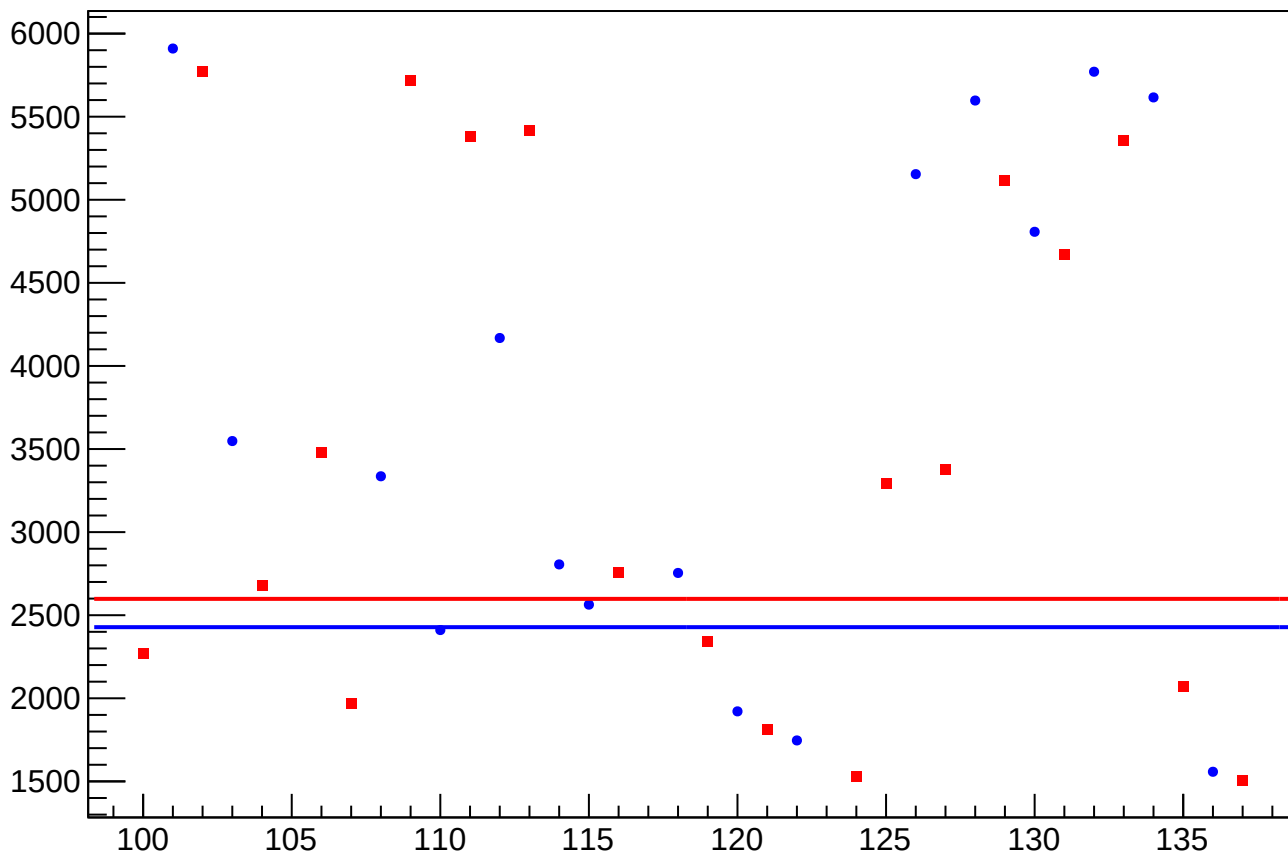
Right: -3.613 ± 0.749 χ^2/NDF : 981.2/34

In: -0.206 ± 1.045 χ^2/NDF : 473.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.613 ± 0.749 χ^2/NDF : 981.2/34

diff_bpm0l02Y_rms vs Slug, Sign Corrected



Right In: 2428.080+/-0.739 χ^2/NDF : 2815335.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2598.321+/-0.759 χ^2/NDF : 2514932.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

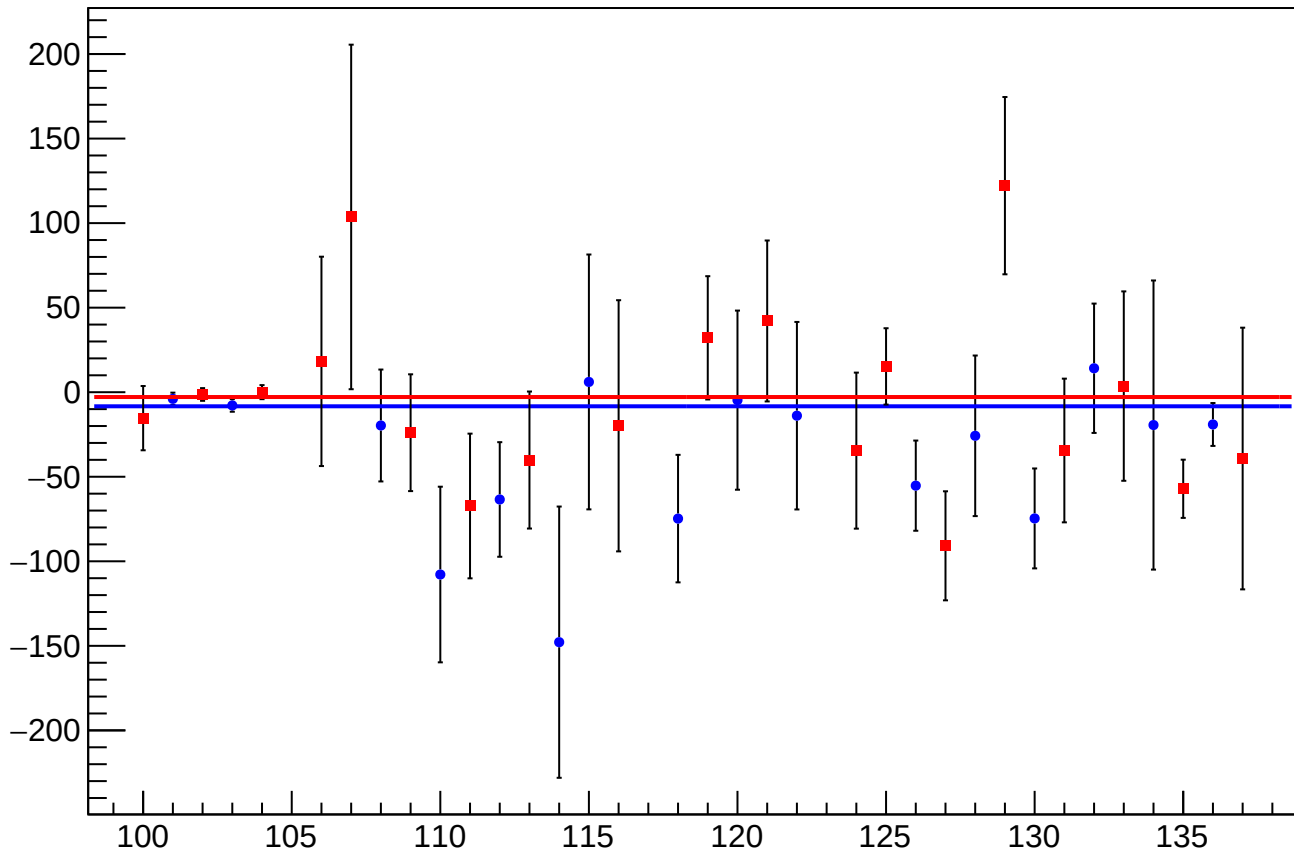
Right: 2510.930+/-0.530 χ^2/NDF : 5356082.2/34

In: 2428.080+/-0.739 χ^2/NDF : 2815335.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2510.930+/-0.530 χ^2/NDF : 5356082.2/34

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -8.332 $\pm$ 2.499 χ^2 /NDF: 23.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.848 $\pm$ 2.640 χ^2 /NDF: 32.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

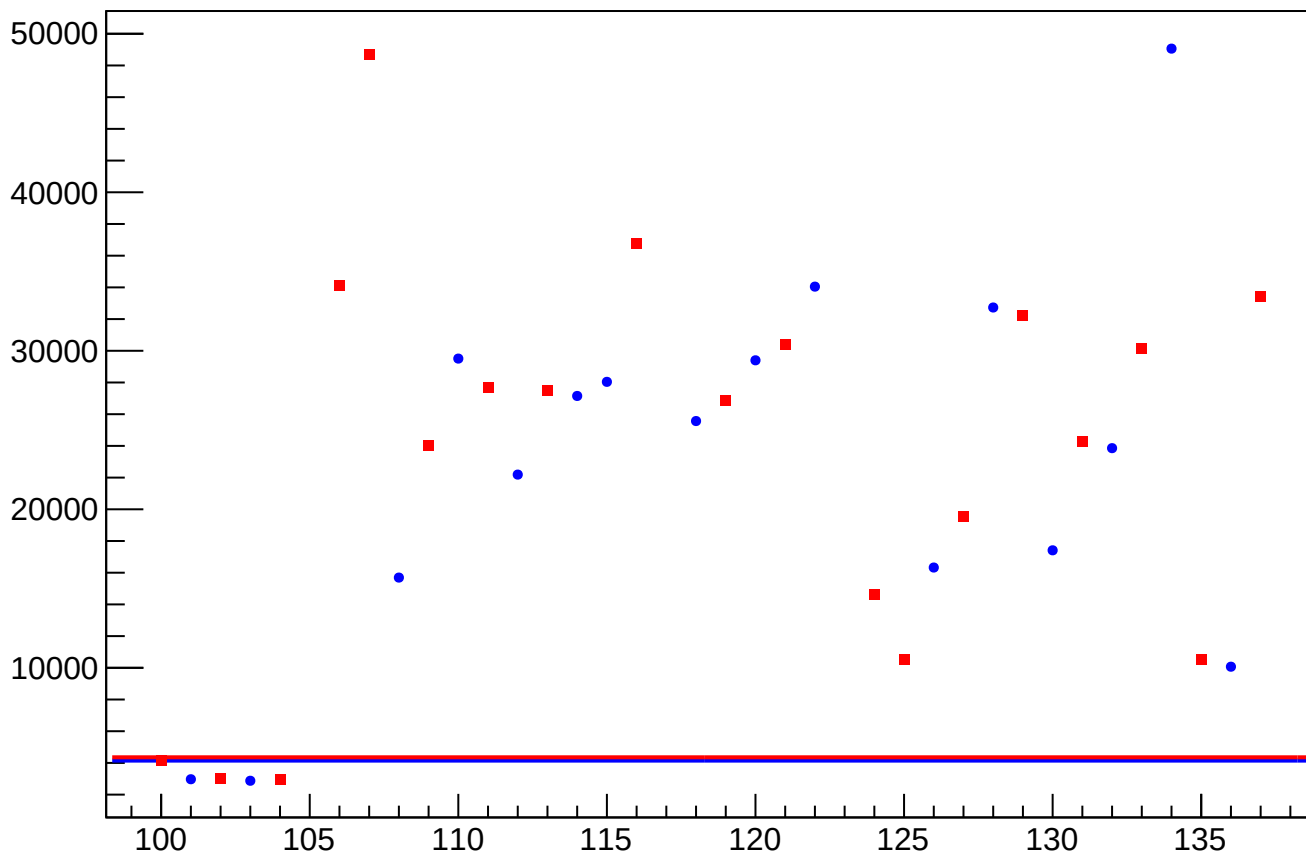
Right: -5.740 $\pm$ 1.815 χ^2 /NDF: 58.3/34

In: -8.332 $\pm$ 2.499 χ^2 /NDF:23.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.740 $\pm$ 1.815 χ^2 /NDF: 58.3/34

diff_bpm0l03X_rms vs Slug, Sign Corrected



Right In: 4145.795+/-1.767 χ^2/NDF : 6836950.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4354.437+/-1.866 χ^2/NDF : 7624762.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

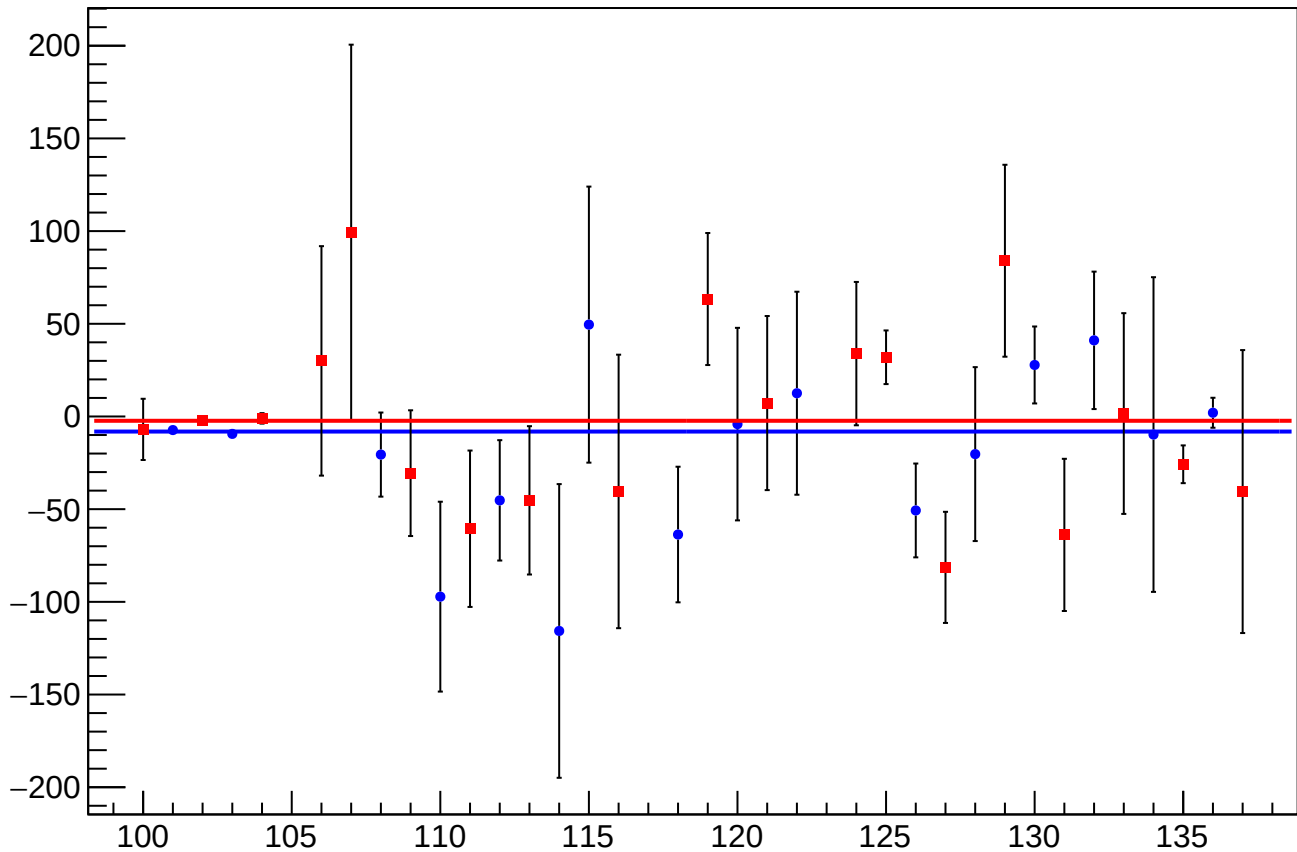
Right: 4244.429+/-1.283 χ^2/NDF : 14468301.6/34

In: 4145.795+/-1.767 χ^2/NDF : 6836950.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4244.429+/-1.283 χ^2/NDF : 14468301.6/34

diff_bpm0l03Y_mean vs Slug, Sign Corrected



Right In: -8.132 $\pm$ 1.720 χ^2 /NDF: 19.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.325 $\pm$ 1.822 χ^2 /NDF: 33.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

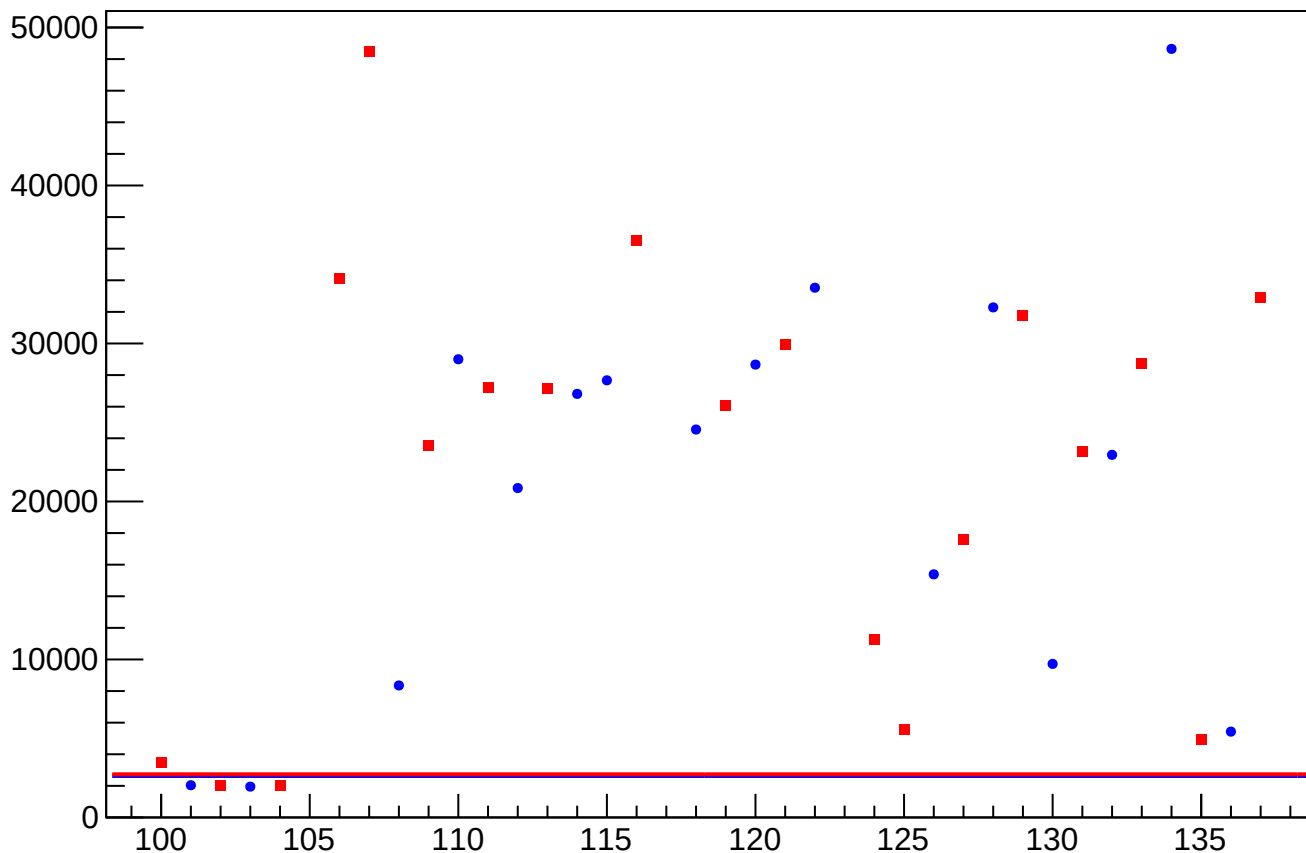
Right: -5.394 $\pm$ 1.251 χ^2 /NDF: 57.5/34

In: -8.132 $\pm$ 1.720 χ^2 /NDF:19.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.394 $\pm$ 1.251 χ^2 /NDF: 57.5/34

diff_bpm0l03Y_rms vs Slug, Sign Corrected



Right In: 2626.430+/-1.216 χ^2/NDF : 6780884.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2730.235+/-1.288 χ^2/NDF : 7985984.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

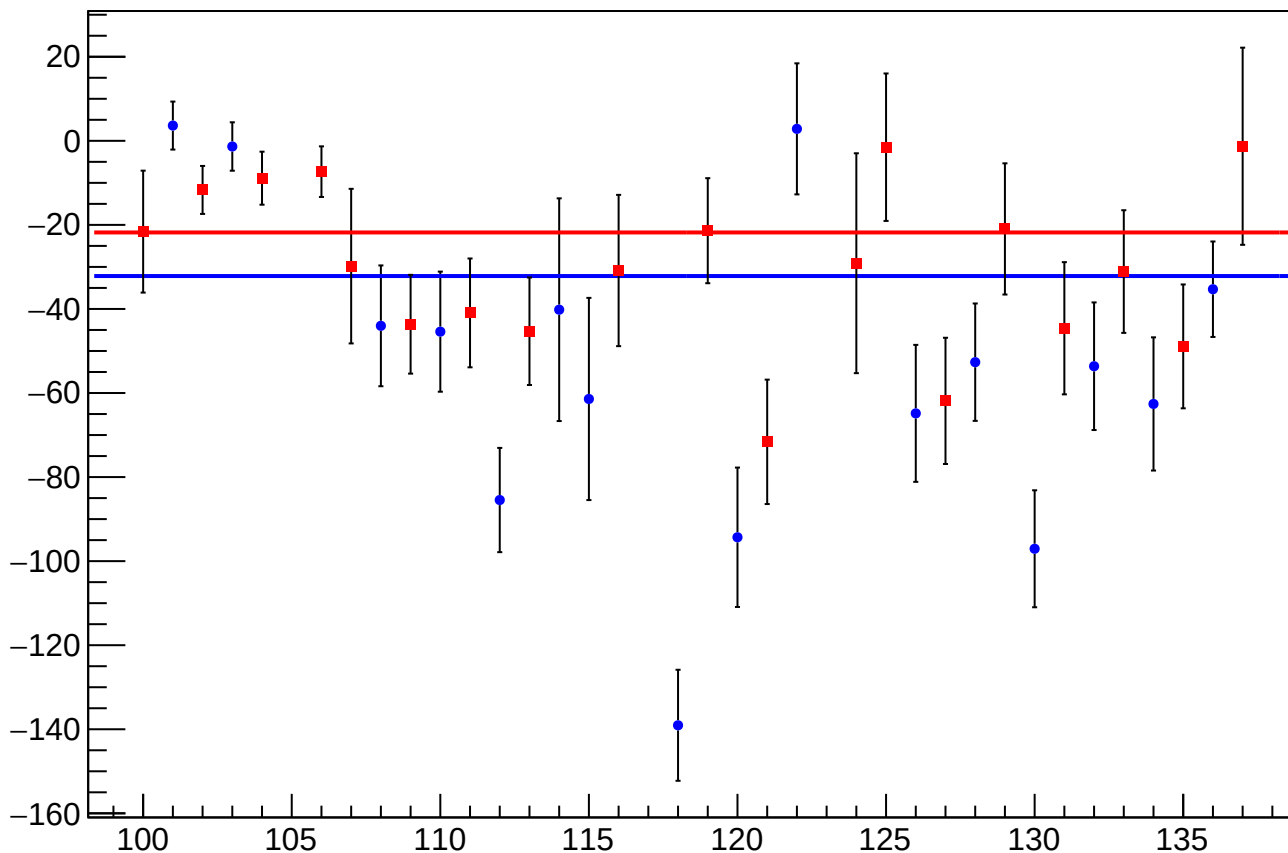
Right: 2675.367+/-0.884 χ^2/NDF : 14770301.6/34

In: 2626.430+/-1.216 χ^2/NDF : 6780884.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2675.367+/-0.884 χ^2/NDF : 14770301.6/34

diff_bpm0l04X_mean vs Slug, Sign Corrected



Right In: -32.171 ± 2.842 χ^2/NDF : 207.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.801 ± 2.557 χ^2/NDF : 49.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

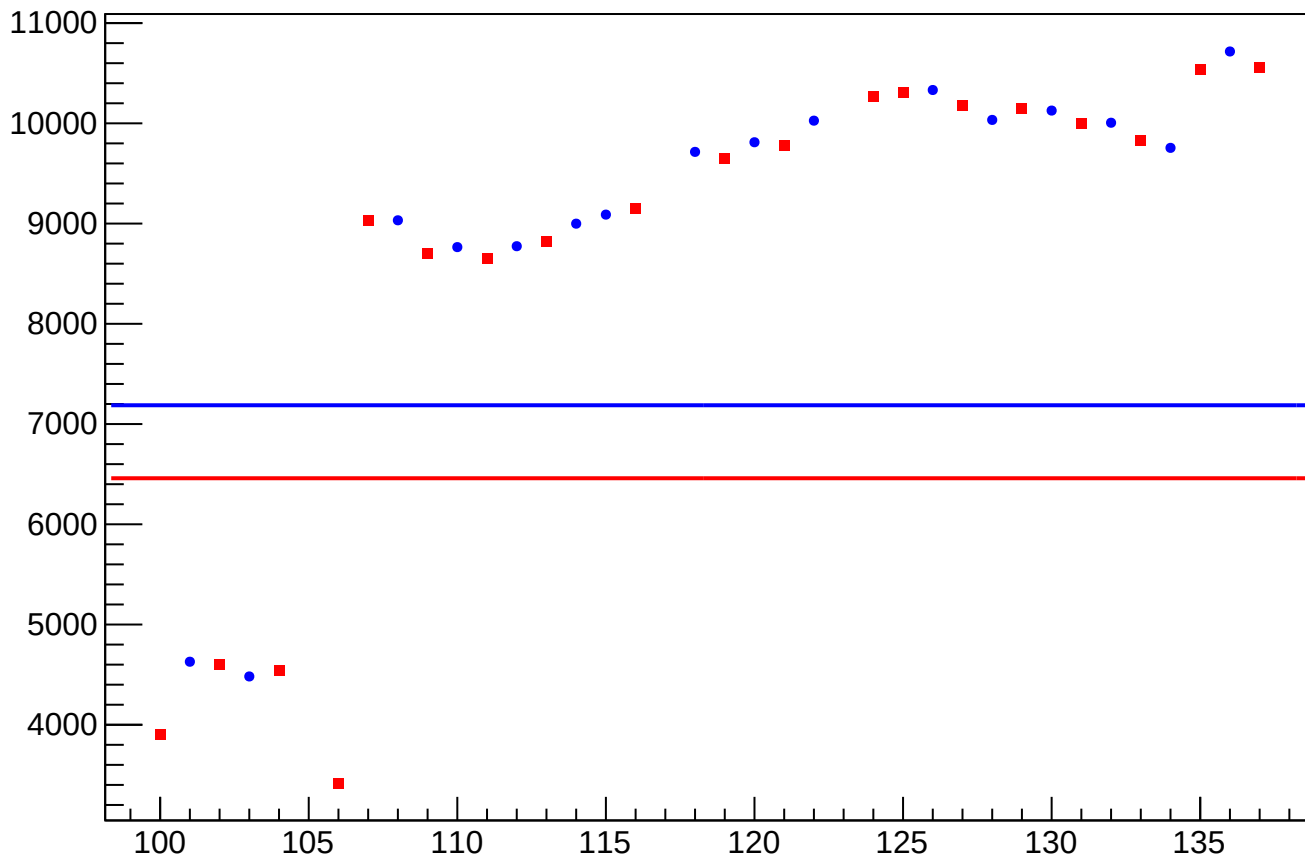
Right: -26.441 ± 1.901 χ^2/NDF : 264.2/34

In: -32.171 ± 2.842 χ^2/NDF : 207.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.441 ± 1.901 χ^2/NDF : 264.2/34

diff_bpm0l04X_rms vs Slug, Sign Corrected



Right In: 7187.494+/-2.009 χ^2/NDF : 1705887.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6459.323+/-1.808 χ^2/NDF : 2276337.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

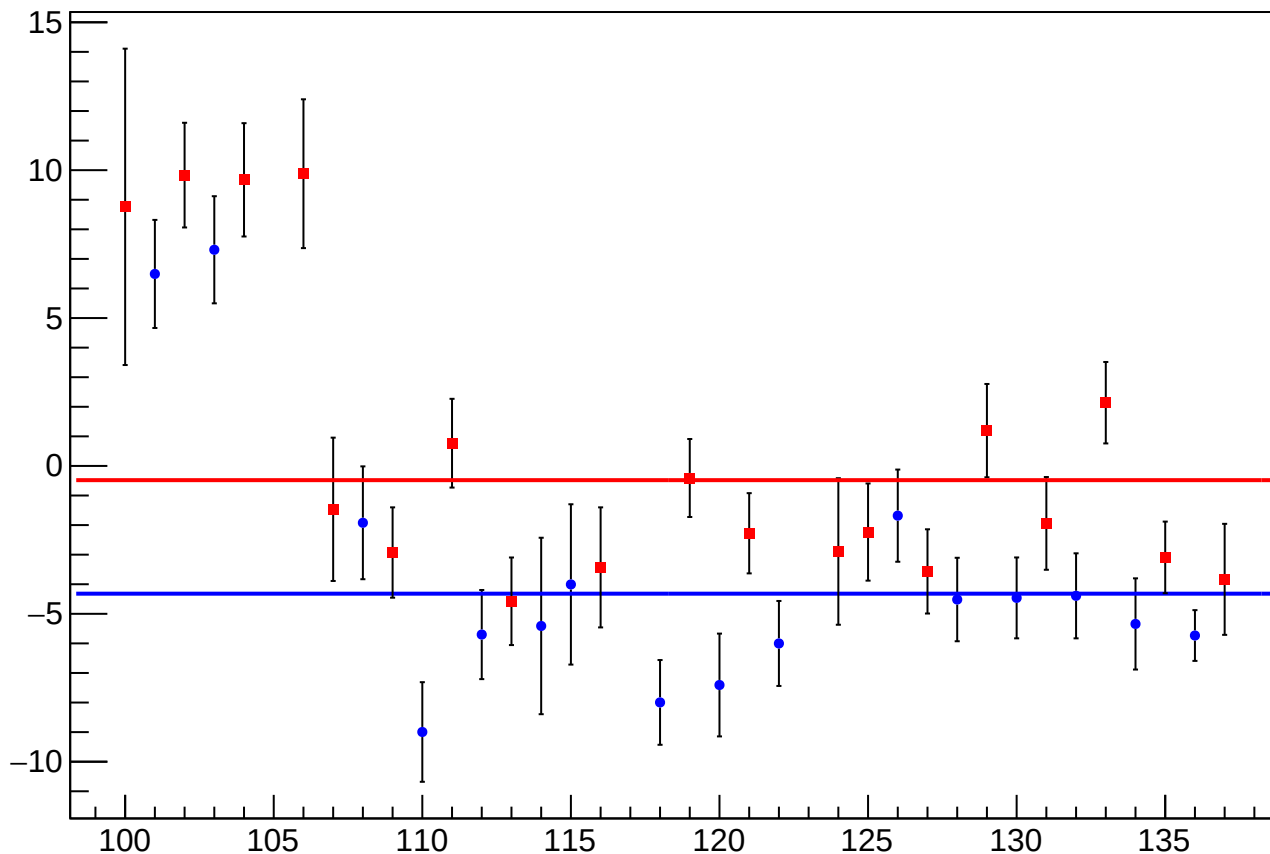
Right: 6785.150+/-1.344 χ^2/NDF : 4054781.5/34

In: 7187.494+/-2.009 χ^2/NDF : 1705887.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6785.150+/-1.344 χ^2/NDF : 4054781.5/34

diff_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: -4.319 ± 0.380 χ^2/NDF : 103.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.481 ± 0.379 χ^2/NDF : 117.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

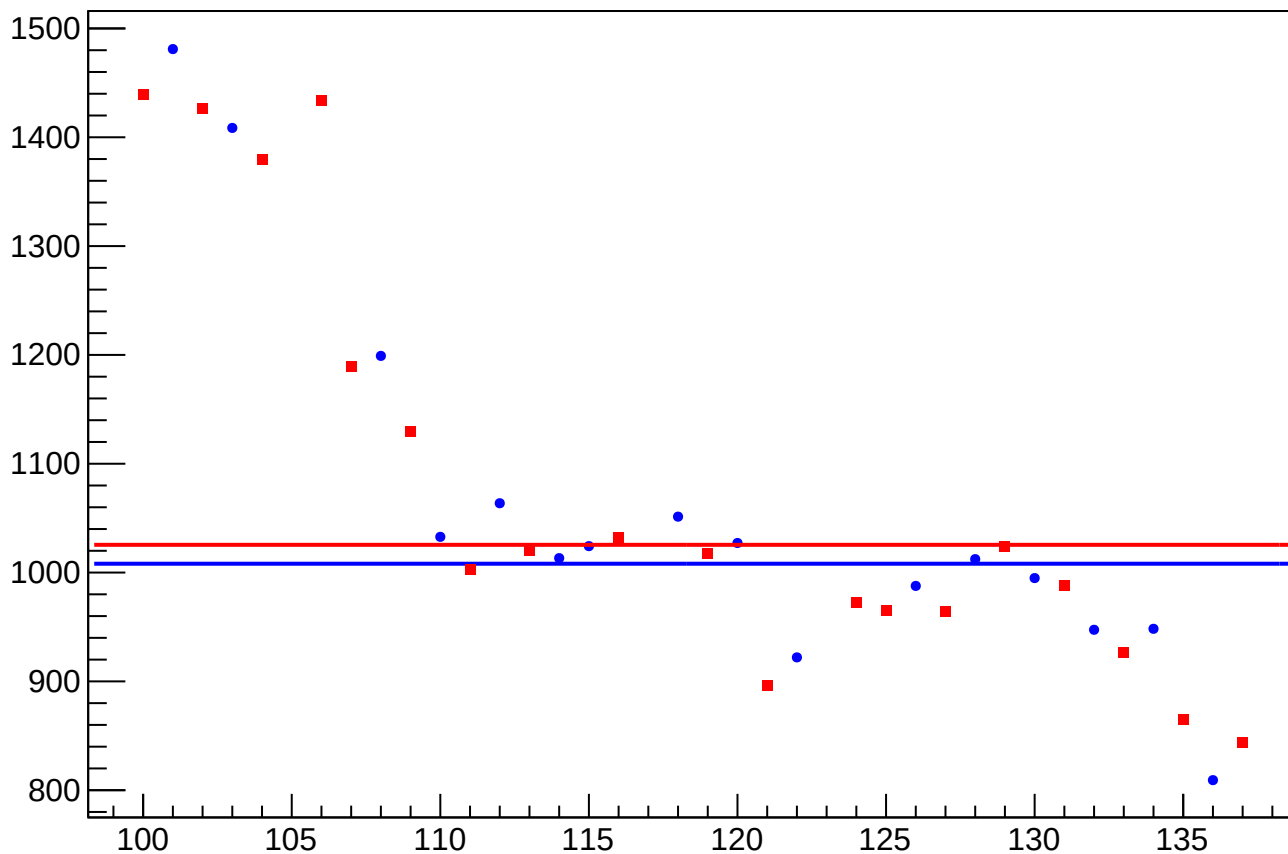
Right: -2.394 ± 0.268 χ^2/NDF : 272.1/34

In: -4.319 ± 0.380 χ^2/NDF : 103.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.394 ± 0.268 χ^2/NDF : 272.1/34

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1008.116+/-0.269 χ^2/NDF : 378836.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1025.486+/-0.268 χ^2/NDF : 345991.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

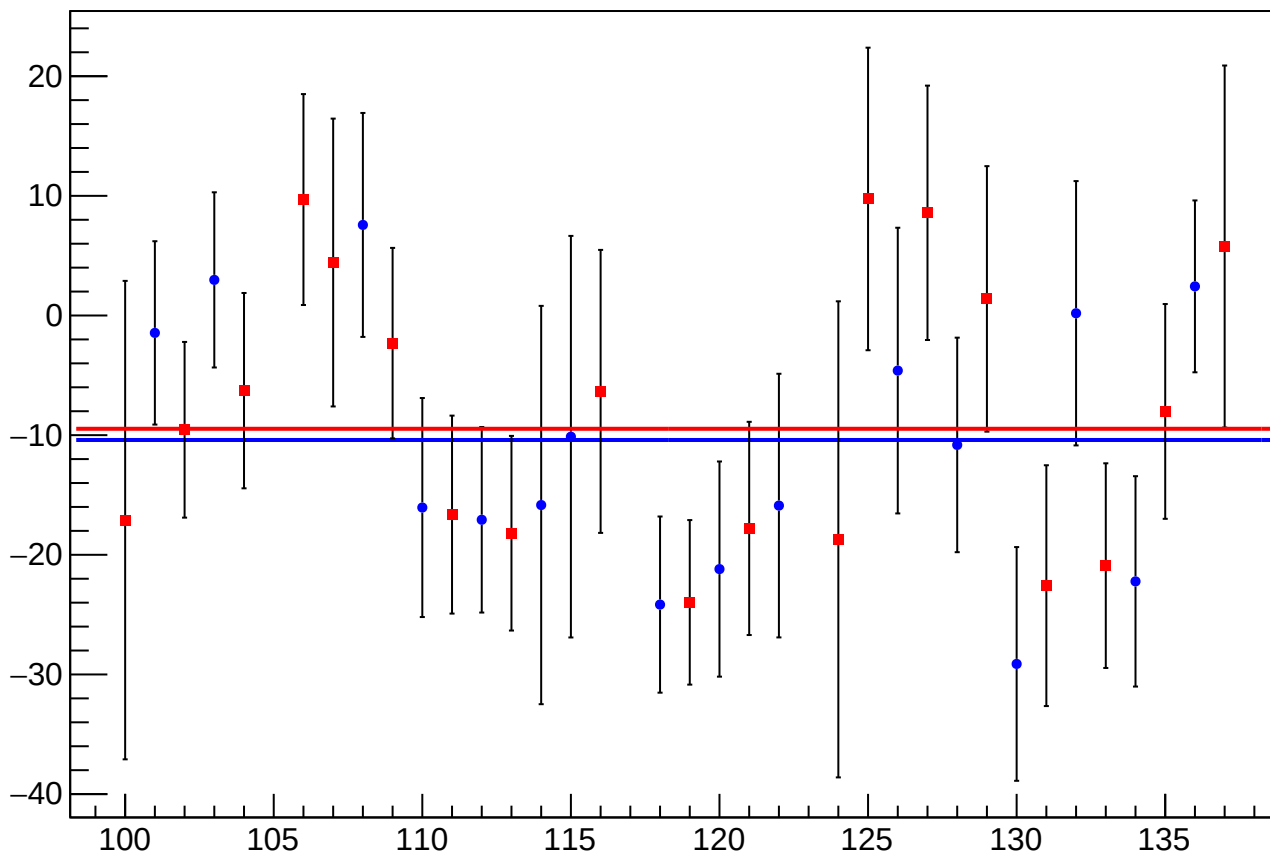
Right: 1016.826+/-0.190 χ^2/NDF : 726925.8/34

In: 1008.116+/-0.269 χ^2/NDF : 378836.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.826+/-0.190 χ^2/NDF : 726925.8/34

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.404 ± 2.280 χ^2/NDF : 24.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.467 ± 2.191 χ^2/NDF : 25.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

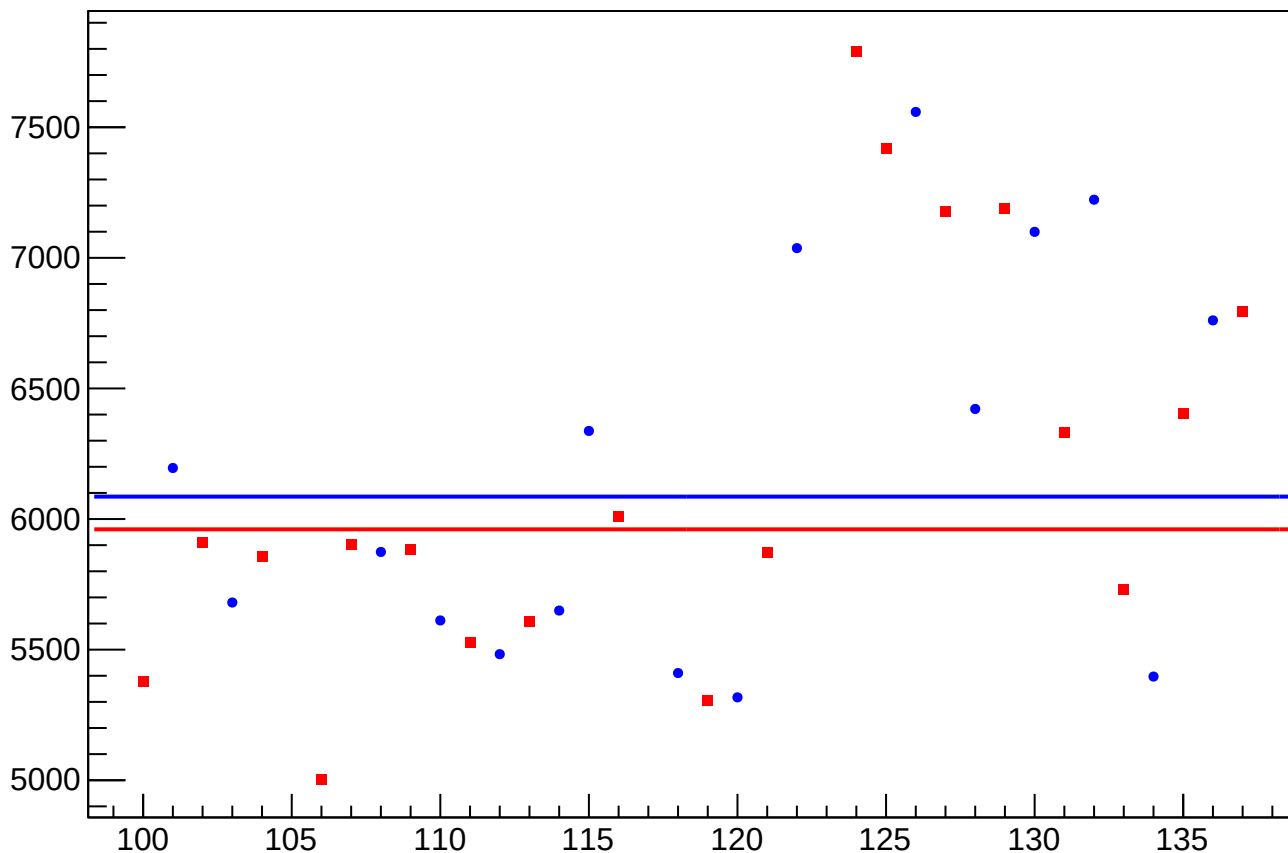
Right: -9.917 ± 1.580 χ^2/NDF : 50.1/34

In: -10.404 ± 2.280 χ^2/NDF : 24.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.917 ± 1.580 χ^2/NDF : 50.1/34

diff_bpm0l05X_rms vs Slug, Sign Corrected



Right In: 6085.873+/-1.612 χ^2/NDF : 179118.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5960.613+/-1.549 χ^2/NDF : 162772.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

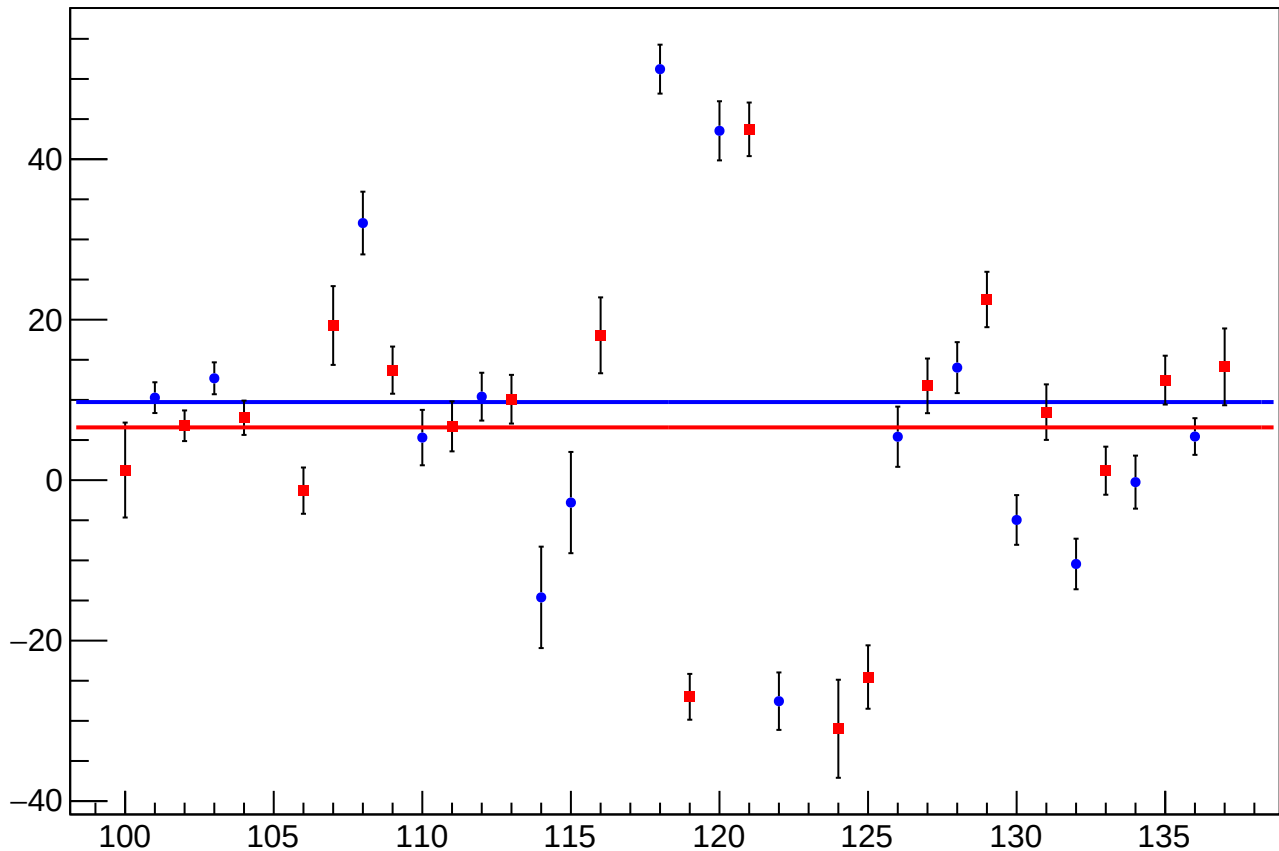
Right: 6020.747+/-1.117 χ^2/NDF : 345029.9/34

In: 6085.873+/-1.612 χ^2/NDF : 179118.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6020.747+/-1.117 χ^2/NDF : 345029.9/34

diff_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 9.733+/-0.755 χ^2/NDF : 512.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.576+/-0.730 χ^2/NDF : 423.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

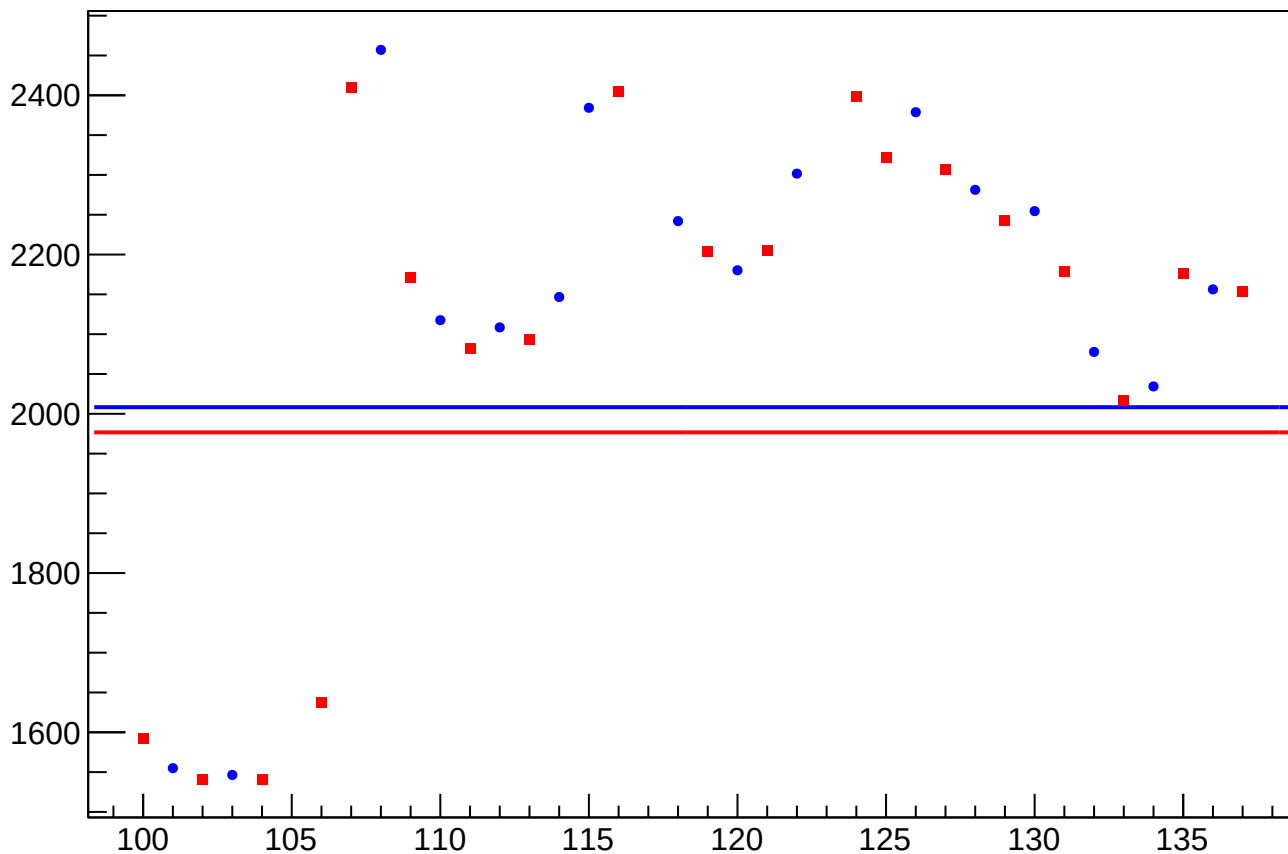
Right: 8.102+/-0.525 χ^2/NDF : 945.2/34

In: 9.733+/-0.755 χ^2/NDF : 512.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.102+/-0.525 χ^2/NDF : 945.2/34

diff_bpm0l05Y_rms vs Slug, Sign Corrected



Right In: 2008.296+/-0.534 χ^2/NDF : 344387.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1976.677+/-0.516 χ^2/NDF : 365375.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

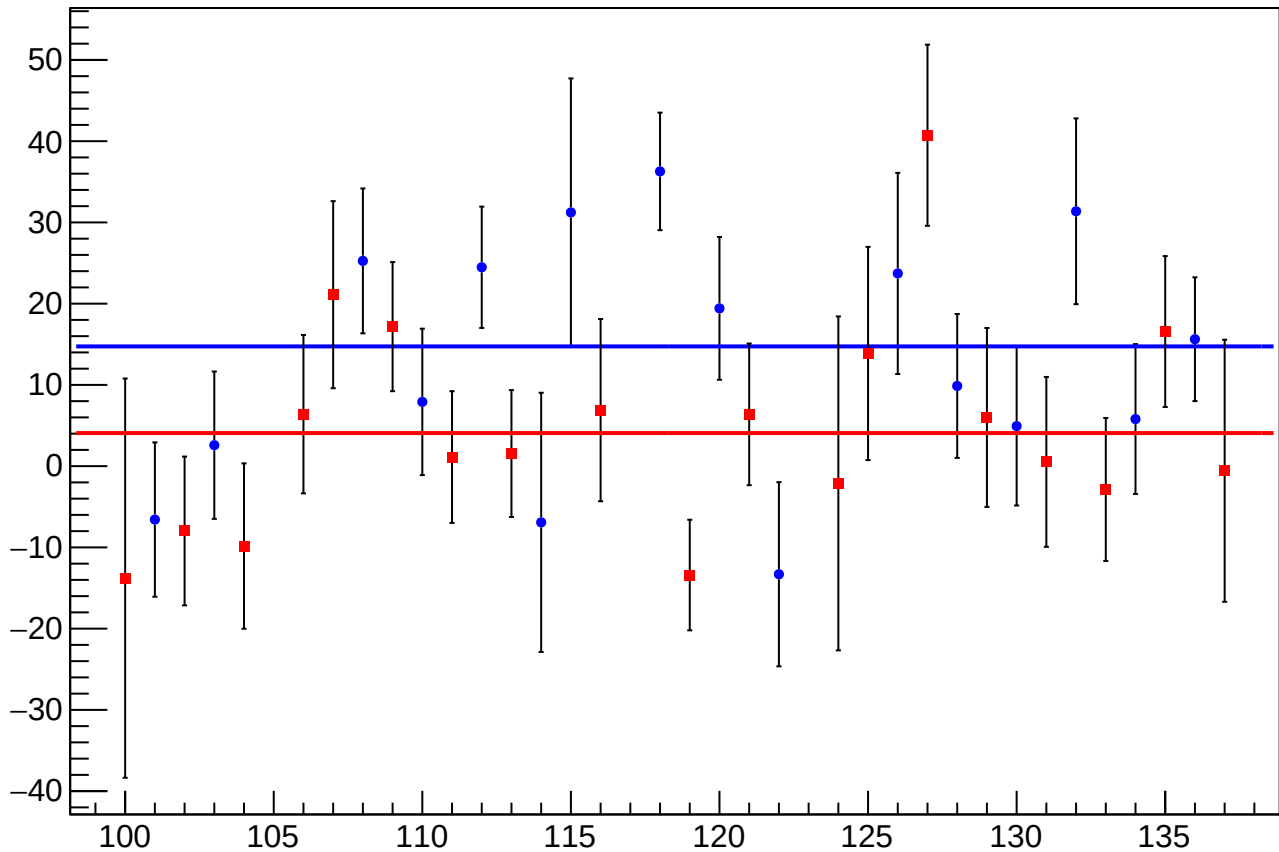
Right: 1991.963+/-0.371 χ^2/NDF : 711574.8/34

In: 2008.296+/-0.534 χ^2/NDF : 344387.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1991.963+/-0.371 χ^2/NDF : 711574.8/34

diff_bpm0l06X_mean vs Slug, Sign Corrected



Right In: 14.739 $\pm$ 2.358 χ^2 /NDF: 33.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.072 $\pm$ 2.274 χ^2 /NDF: 30.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

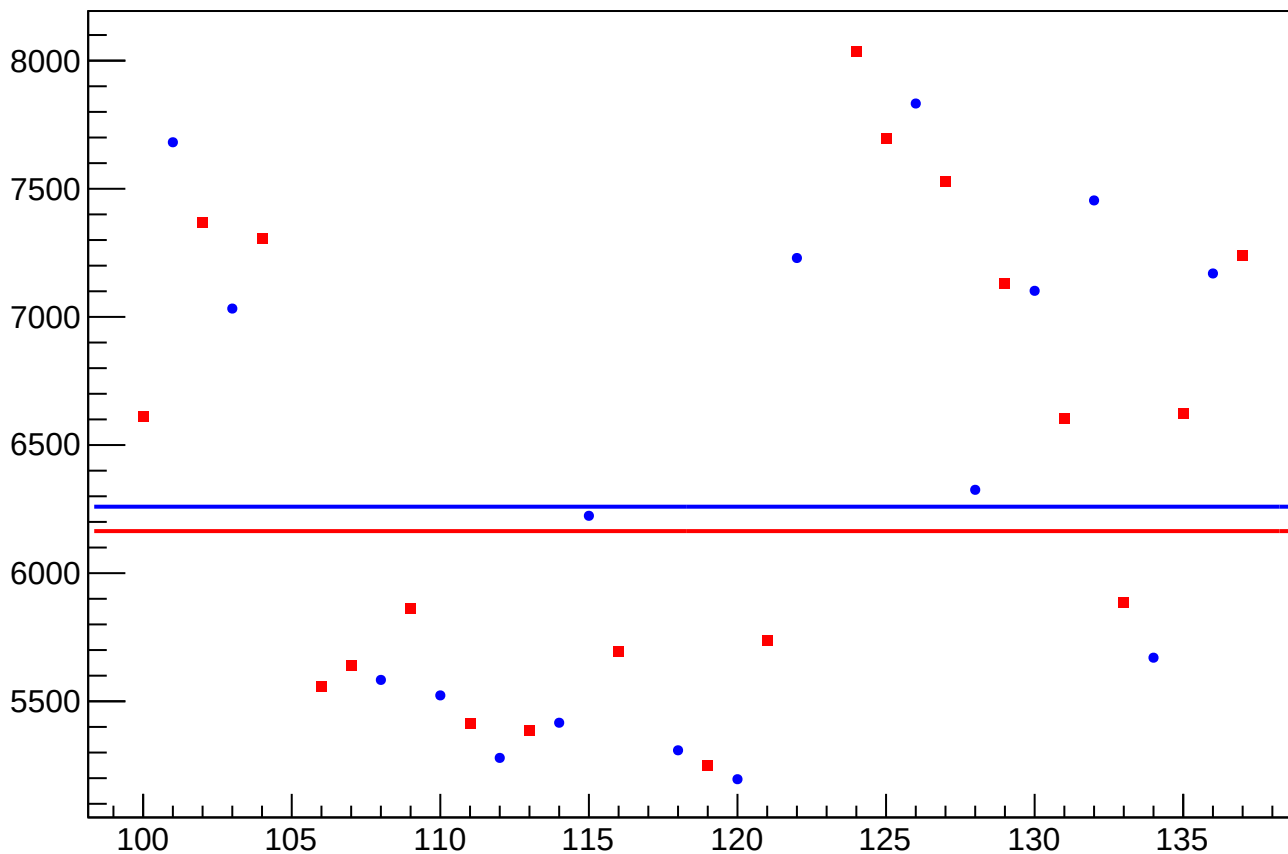
Right: 9.212 $\pm$ 1.637 χ^2 /NDF: 74.3/34

In: 14.739 $\pm$ 2.358 χ^2 /NDF:33.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.212 $\pm$ 1.637 χ^2 /NDF: 74.3/34

diff_bpm0l06X_rms vs Slug, Sign Corrected



Right In: 6259.416+/-1.667 χ^2/NDF : 308606.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6164.140+/-1.608 χ^2/NDF : 265058.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

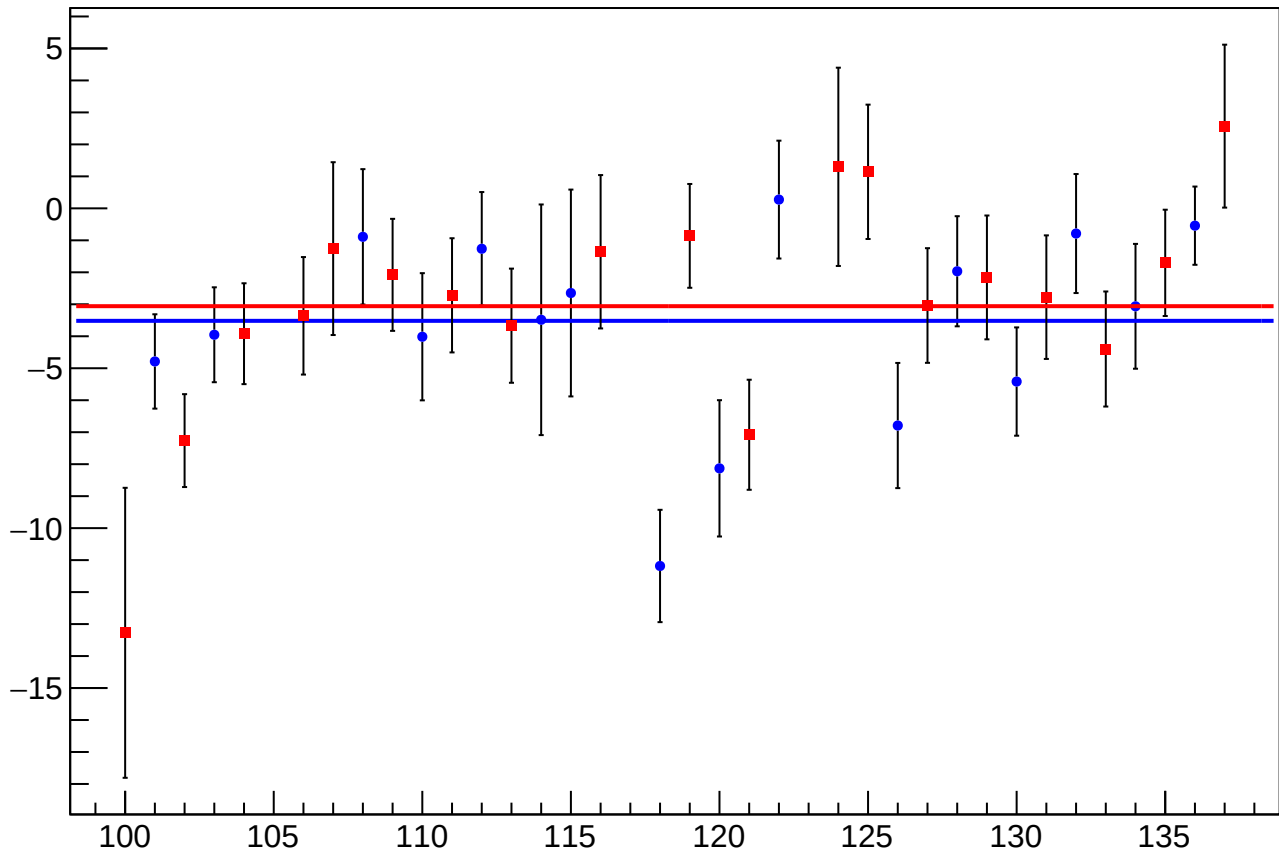
Right: 6210.053+/-1.157 χ^2/NDF : 575357.6/34

In: 6259.416+/-1.667 χ^2/NDF : 308606.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6210.053+/-1.157 χ^2/NDF : 575357.6/34

diff_bpm0l06Y_mean vs Slug, Sign Corrected



Right In: -3.518 ± 0.452 $\chi^2/\text{NDF}: 45.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.059 ± 0.438 $\chi^2/\text{NDF}: 34.8/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

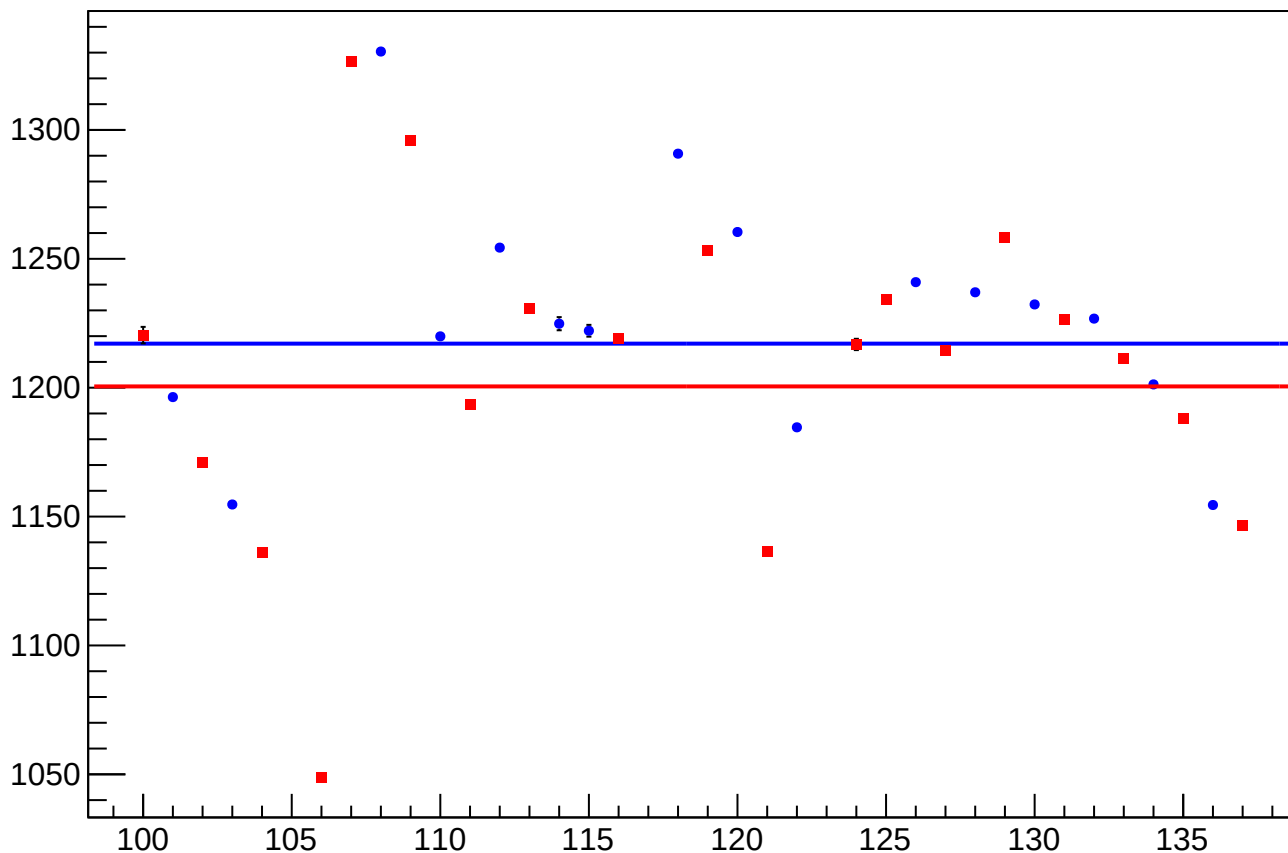
Right: -3.281 ± 0.315 $\chi^2/\text{NDF}: 80.4/34$

In: -3.518 ± 0.452 $\chi^2/\text{NDF}: 45.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -3.281 ± 0.315 $\chi^2/\text{NDF}: 80.4/34$

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1217.094 $\pm$ 0.320 χ^2 /NDF: 21686.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1200.497 $\pm$ 0.310 χ^2 /NDF: 37654.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

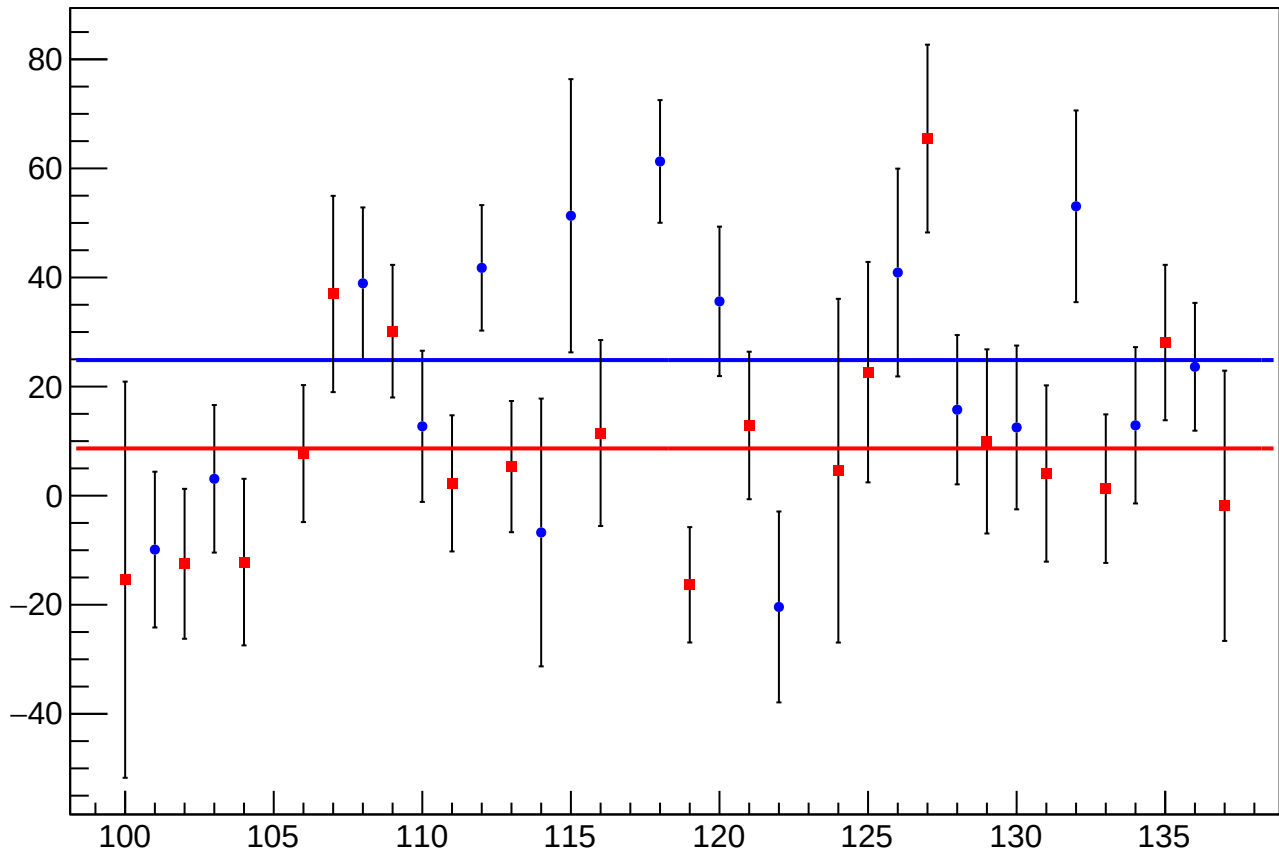
Right: 1208.533 $\pm$ 0.223 χ^2 /NDF: 60729.4/34

In: 1217.094 $\pm$ 0.320 χ^2 /NDF:21686.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1208.533 $\pm$ 0.223 χ^2 /NDF: 60729.4/34

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.860 $\pm$ 3.628 χ^2 /NDF: 38.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.658 $\pm$ 3.454 χ^2 /NDF: 30.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

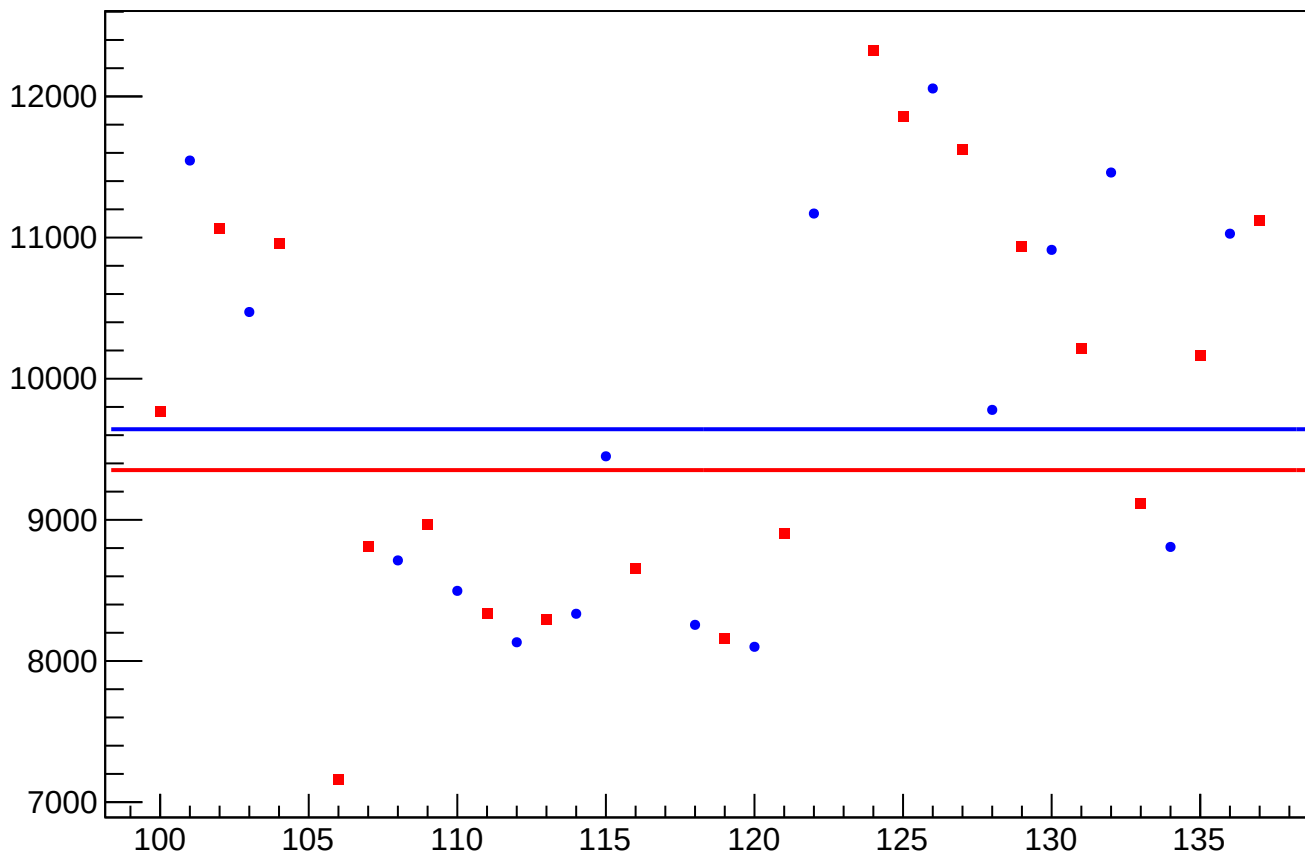
Right: 16.361 $\pm$ 2.501 χ^2 /NDF: 78.7/34

In: 24.860 $\pm$ 3.628 χ^2 /NDF:38.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 16.361 $\pm$ 2.501 χ^2 /NDF: 78.7/34

diff_bpm0l07X_rms vs Slug, Sign Corrected



Right In: 9642.075+/-2.565 χ^2/NDF : 279657.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9352.503+/-2.442 χ^2/NDF : 301779.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

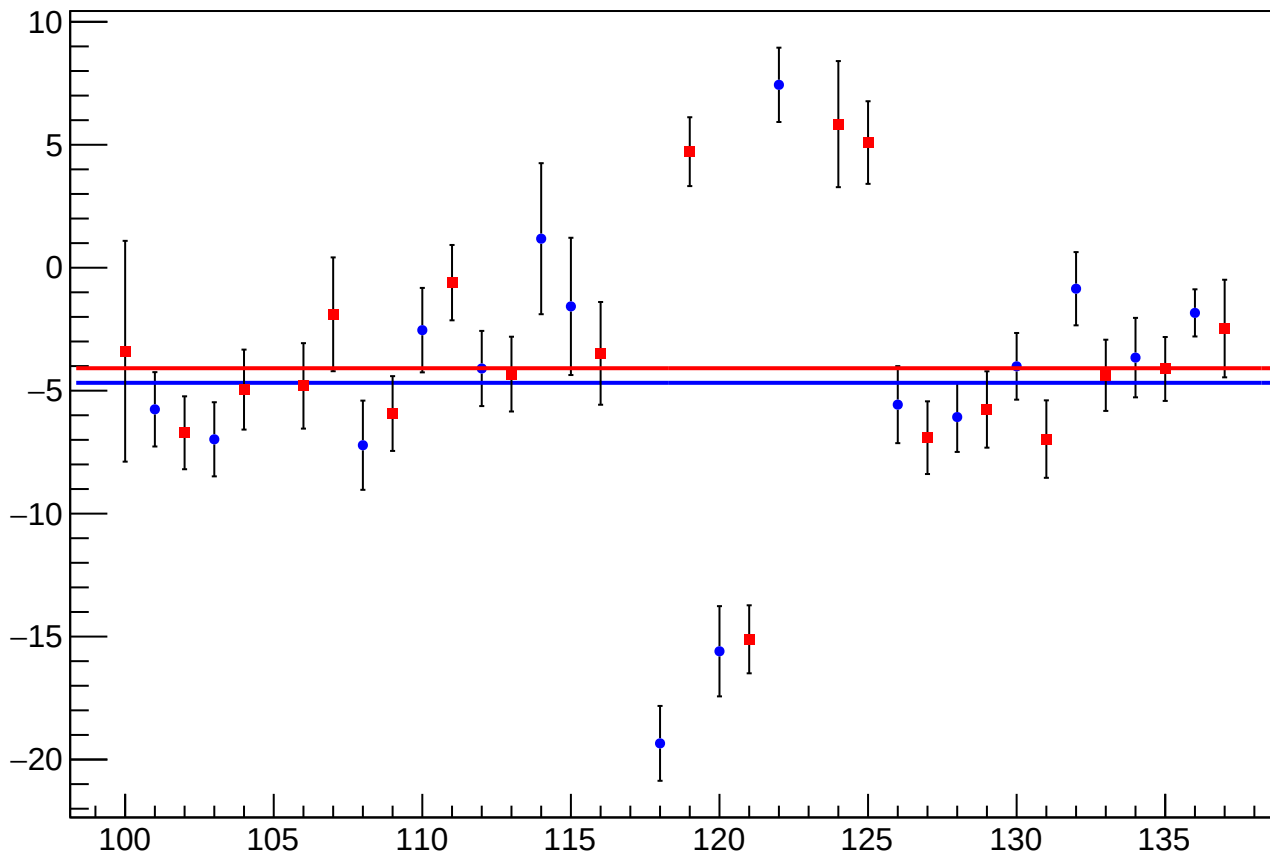
Right: 9490.167+/-1.769 χ^2/NDF : 588120.8/34

In: 9642.075+/-2.565 χ^2/NDF : 279657.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9490.167+/-1.769 χ^2/NDF : 588120.8/34

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -4.681 ± 0.386 χ^2/NDF : 221.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.087 ± 0.376 χ^2/NDF : 168.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

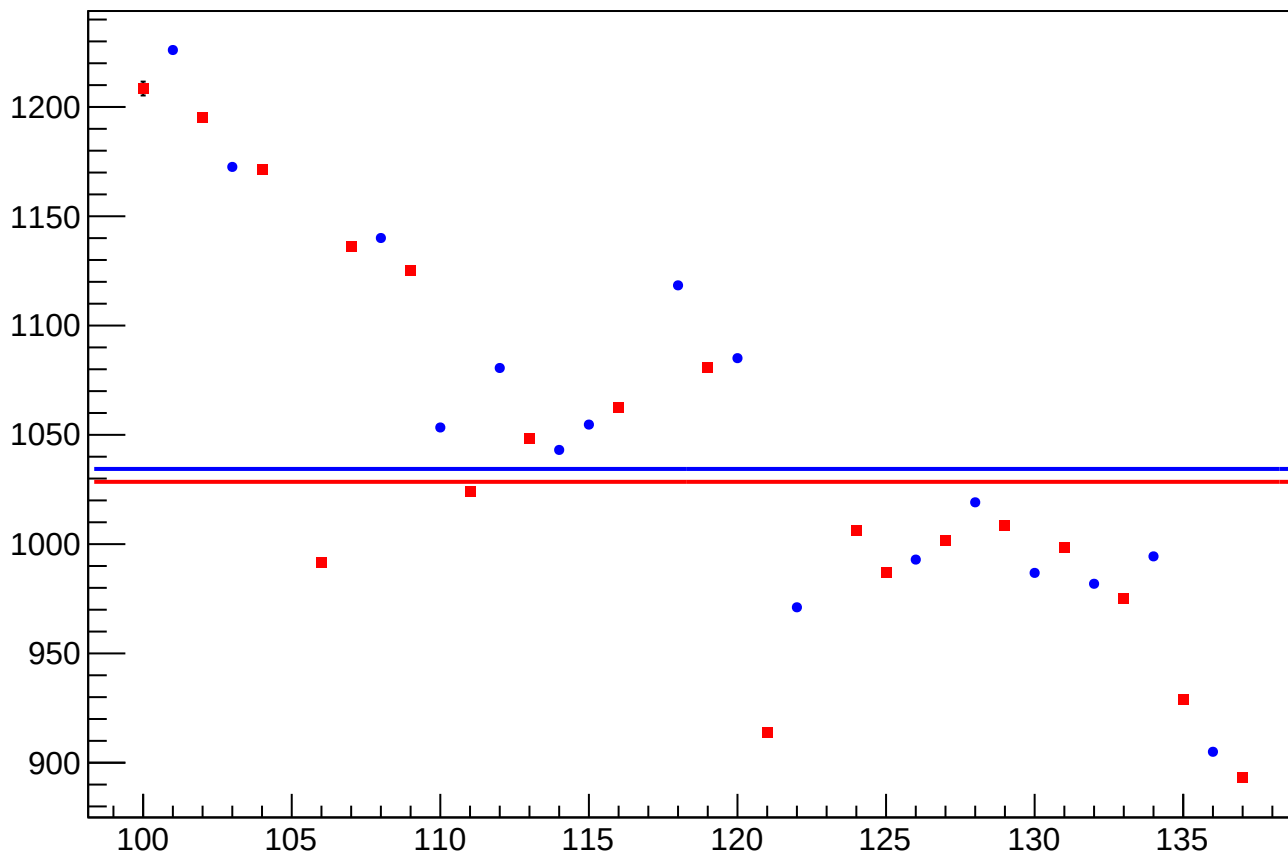
Right: -4.376 ± 0.269 χ^2/NDF : 390.5/34

In: -4.681 ± 0.386 χ^2/NDF : 221.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.376 ± 0.269 χ^2/NDF : 390.5/34

diff_bpm0l07Y_rms vs Slug, Sign Corrected



Right In: 1034.402+/-0.273 χ^2/NDF : 113278.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1028.501+/-0.266 χ^2/NDF : 101624.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

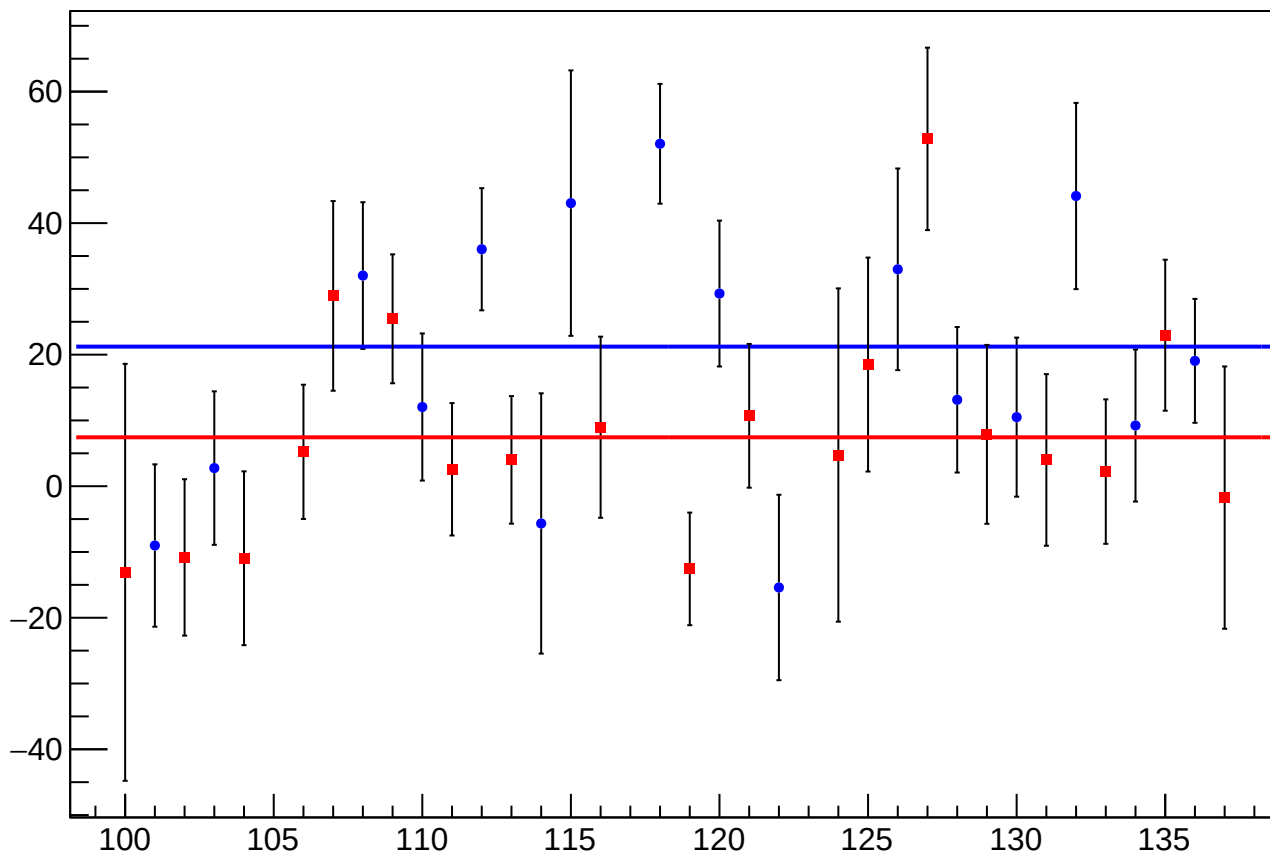
Right: 1031.379+/-0.190 χ^2/NDF : 215143.2/34

In: 1034.402+/-0.273 χ^2/NDF : 113278.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1031.379+/-0.190 χ^2/NDF : 215143.2/34

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.222 $\pm$ 2.952 χ^2 /NDF: 40.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.435 $\pm$ 2.810 χ^2 /NDF: 29.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

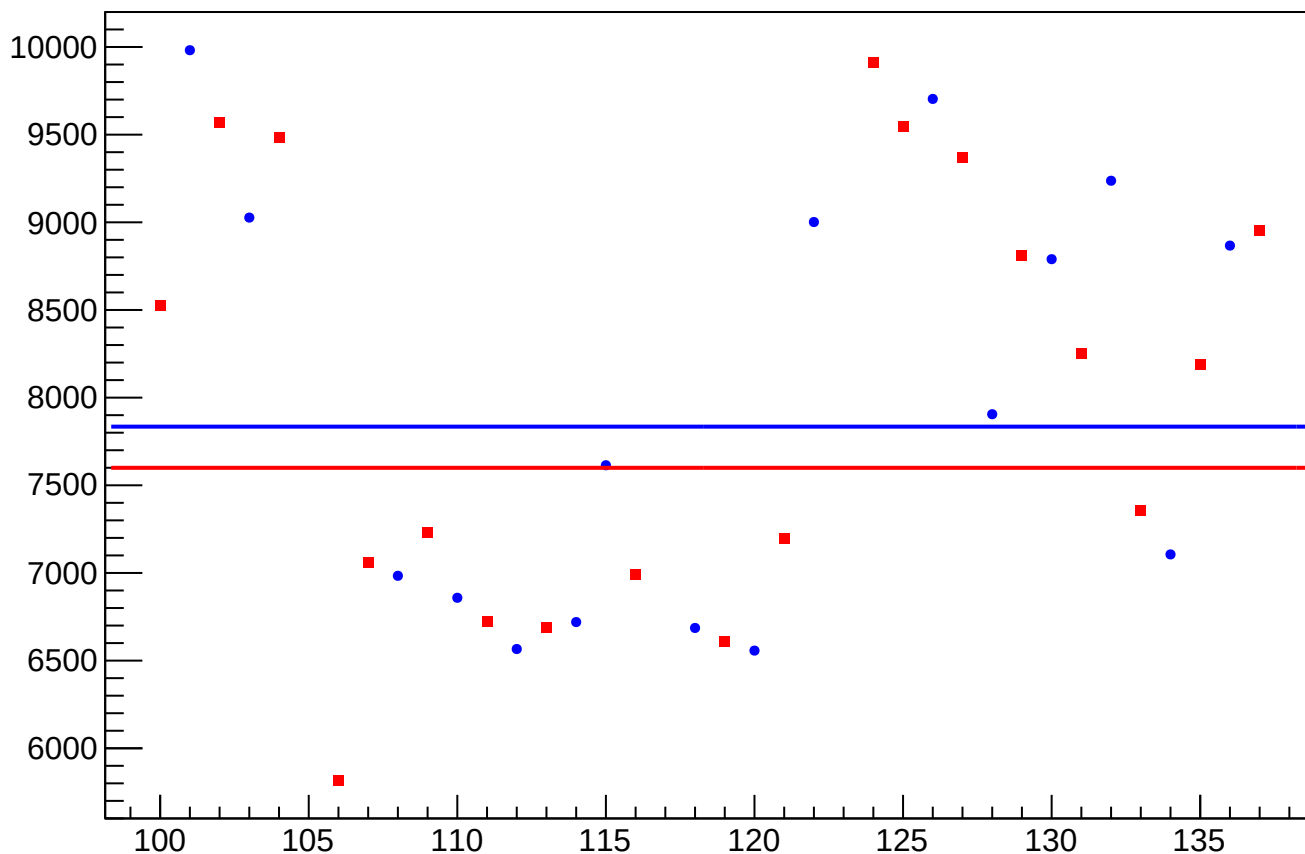
Right: 13.990 $\pm$ 2.035 χ^2 /NDF: 81.3/34

In: 21.222 $\pm$ 2.952 χ^2 /NDF: 40.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.990 $\pm$ 2.035 χ^2 /NDF: 81.3/34

diff_bpm0l08X_rms vs Slug, Sign Corrected



Right In: 7834.618+/-2.087 χ^2/NDF : 318089.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7599.749+/-1.987 χ^2/NDF : 344296.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

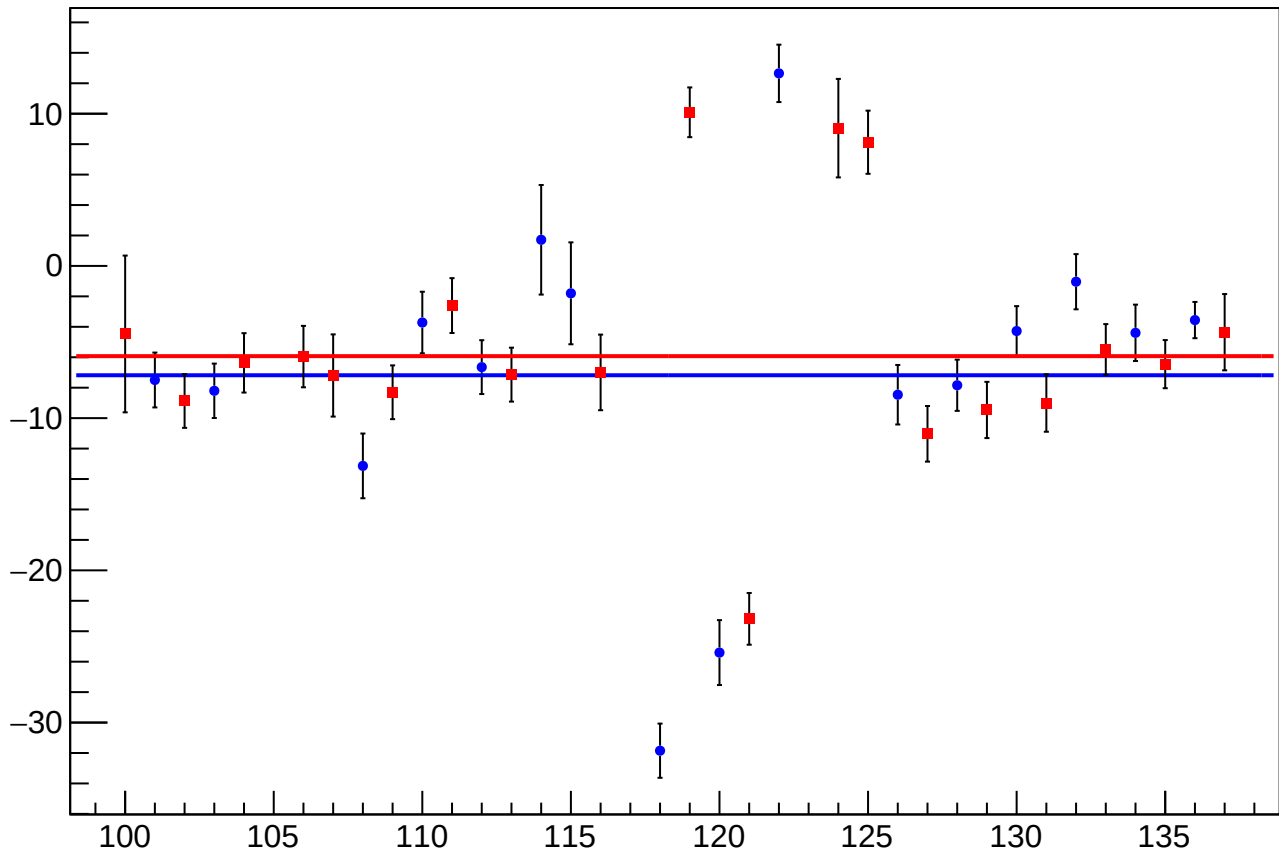
Right: 7711.419+/-1.439 χ^2/NDF : 669028.2/34

In: 7834.618+/-2.087 χ^2/NDF : 318089.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7711.419+/-1.439 χ^2/NDF : 669028.2/34

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.183 ± 0.462 $\chi^2/\text{NDF}: 422.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.927 ± 0.449 $\chi^2/\text{NDF}: 290.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

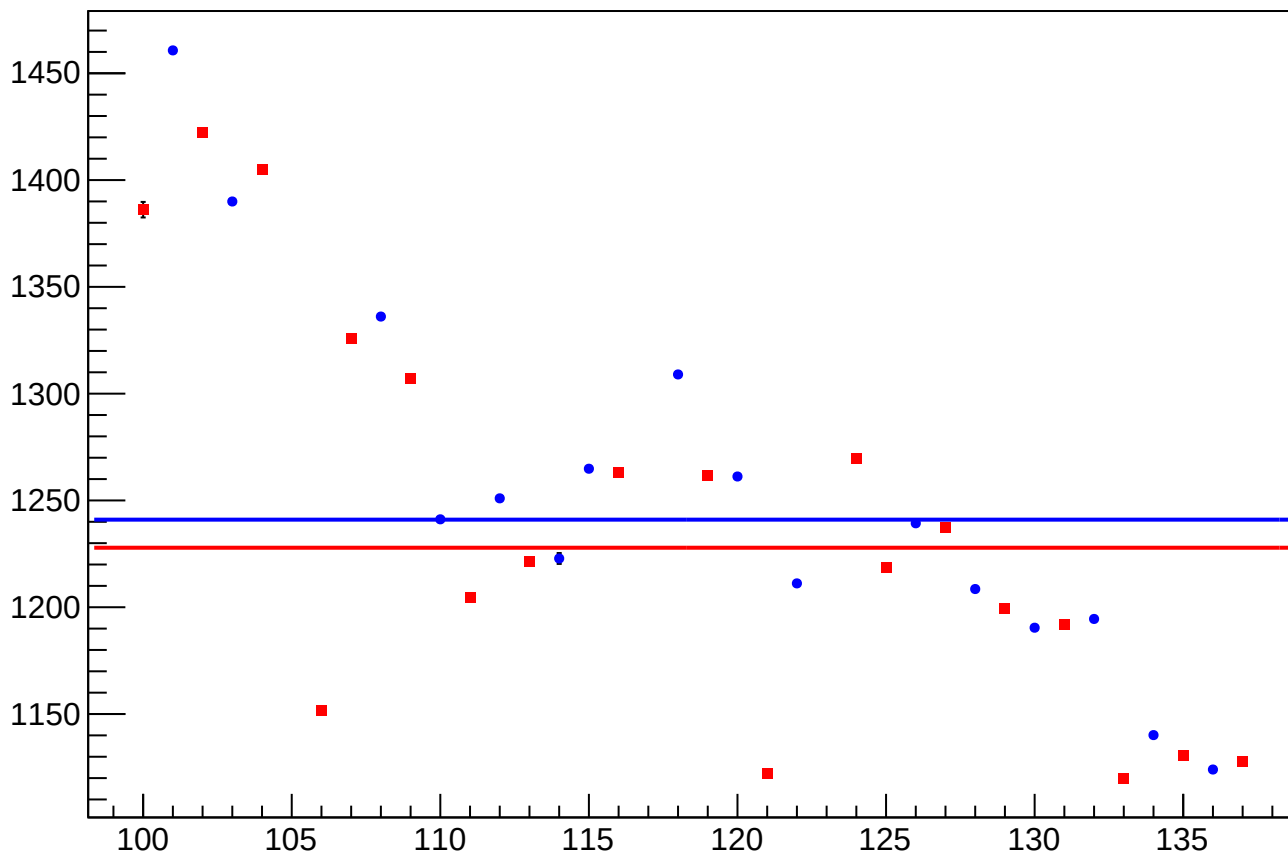
Right: -6.537 ± 0.322 $\chi^2/\text{NDF}: 716.4/34$

In: -7.183 ± 0.462 $\chi^2/\text{NDF}: 422.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.537 ± 0.322 $\chi^2/\text{NDF}: 716.4/34$

diff_bpm0l08Y_rms vs Slug, Sign Corrected



Right In: 1241.007+/-0.327 χ^2/NDF : 80653.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1227.864+/-0.318 χ^2/NDF : 82339.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

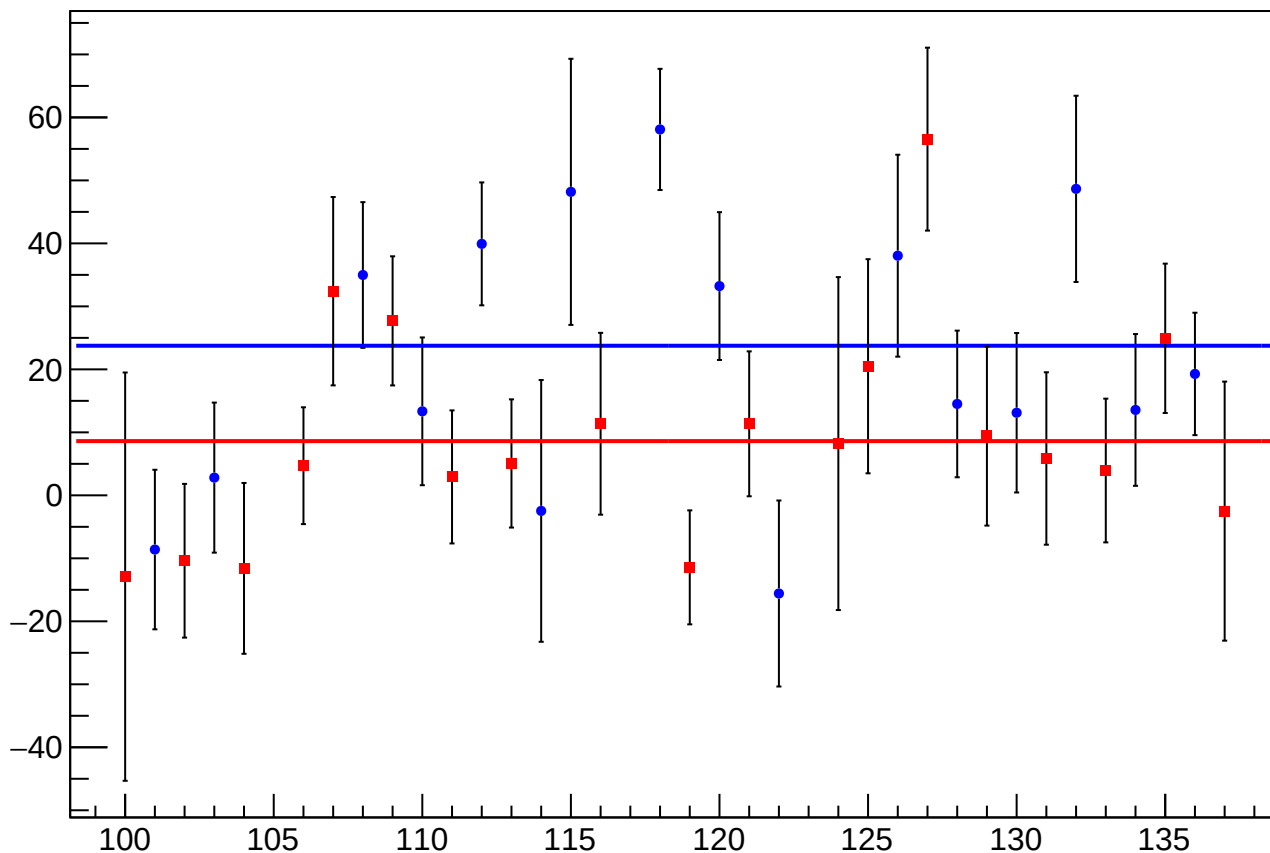
Right: 1234.245+/-0.228 χ^2/NDF : 163824.2/34

In: 1241.007+/-0.327 χ^2/NDF : 80653.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1234.245+/-0.228 χ^2/NDF : 163824.2/34

diff_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 23.750+/-3.081 χ^2/NDF : 43.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.609+/-2.899 χ^2/NDF : 30.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

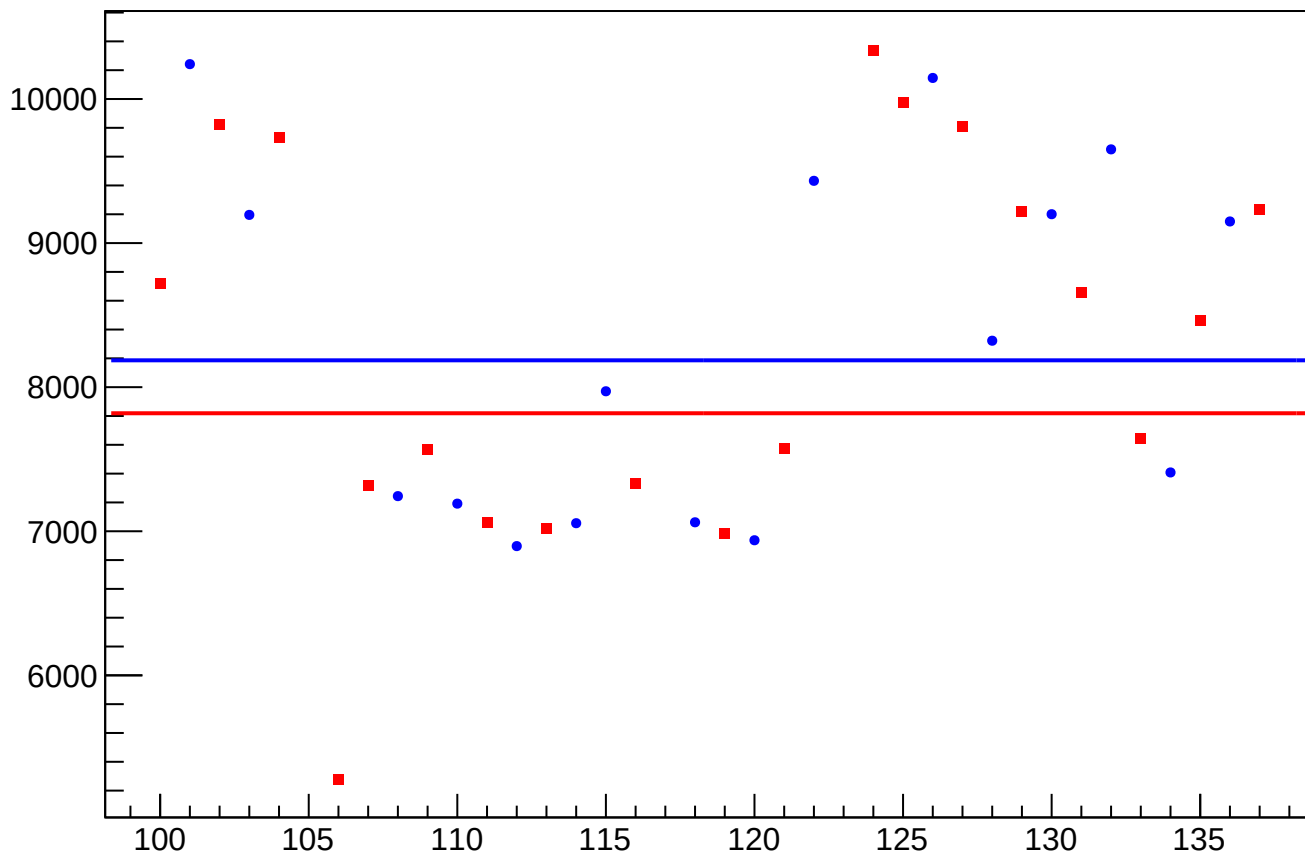
Right: 15.718+/-2.111 χ^2/NDF : 86.7/34

In: 23.750+/-3.081 χ^2/NDF : 43.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.718+/-2.111 χ^2/NDF : 86.7/34

diff_bpm0l09X_rms vs Slug, Sign Corrected



Right In: 8186.361+/-2.179 χ^2/NDF : 290628.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7818.965+/-2.050 χ^2/NDF : 422998.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

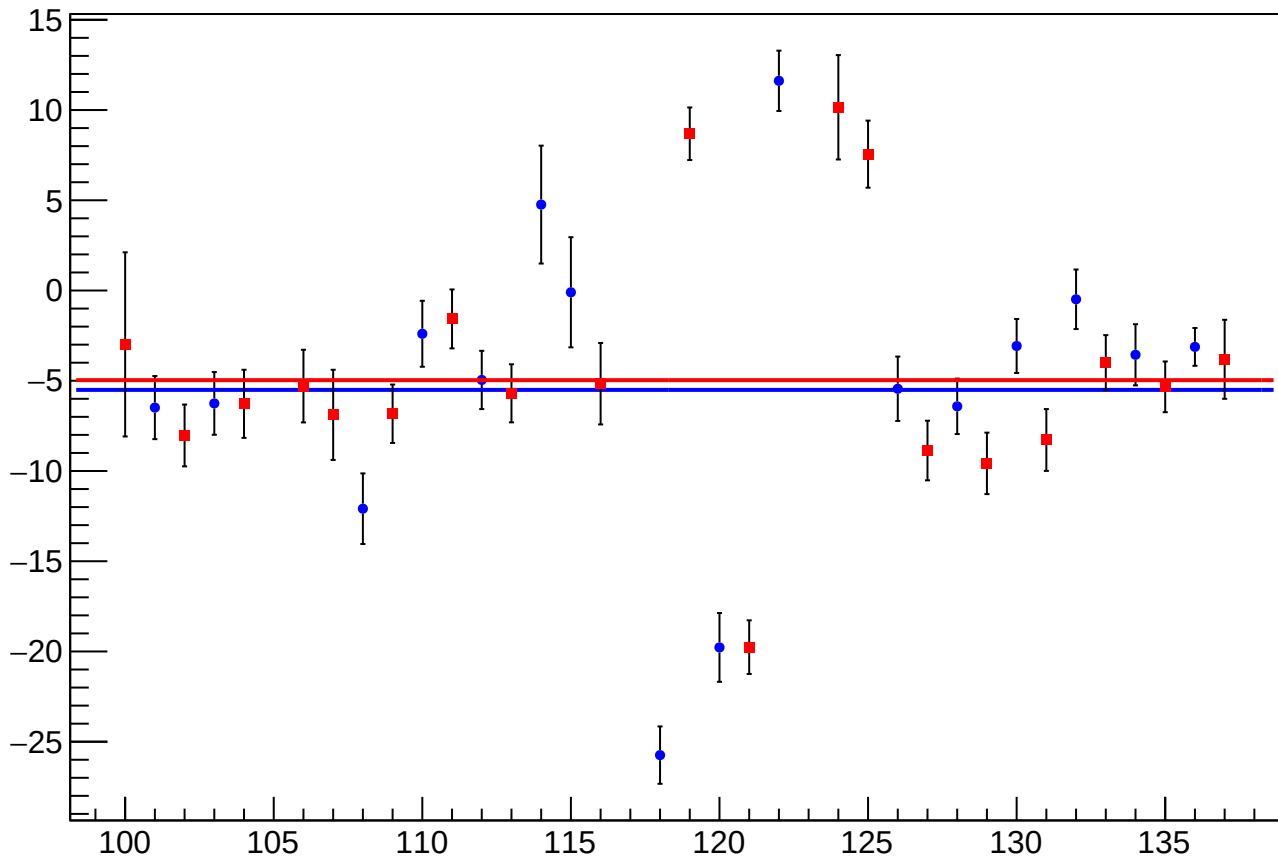
Right: 7991.468+/-1.493 χ^2/NDF : 728709.0/34

In: 8186.361+/-2.179 χ^2/NDF : 290628.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7991.468+/-1.493 χ^2/NDF : 728709.0/34

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.506 $\pm$ 0.421 χ^2 /NDF: 369.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.967 $\pm$ 0.410 χ^2 /NDF: 287.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

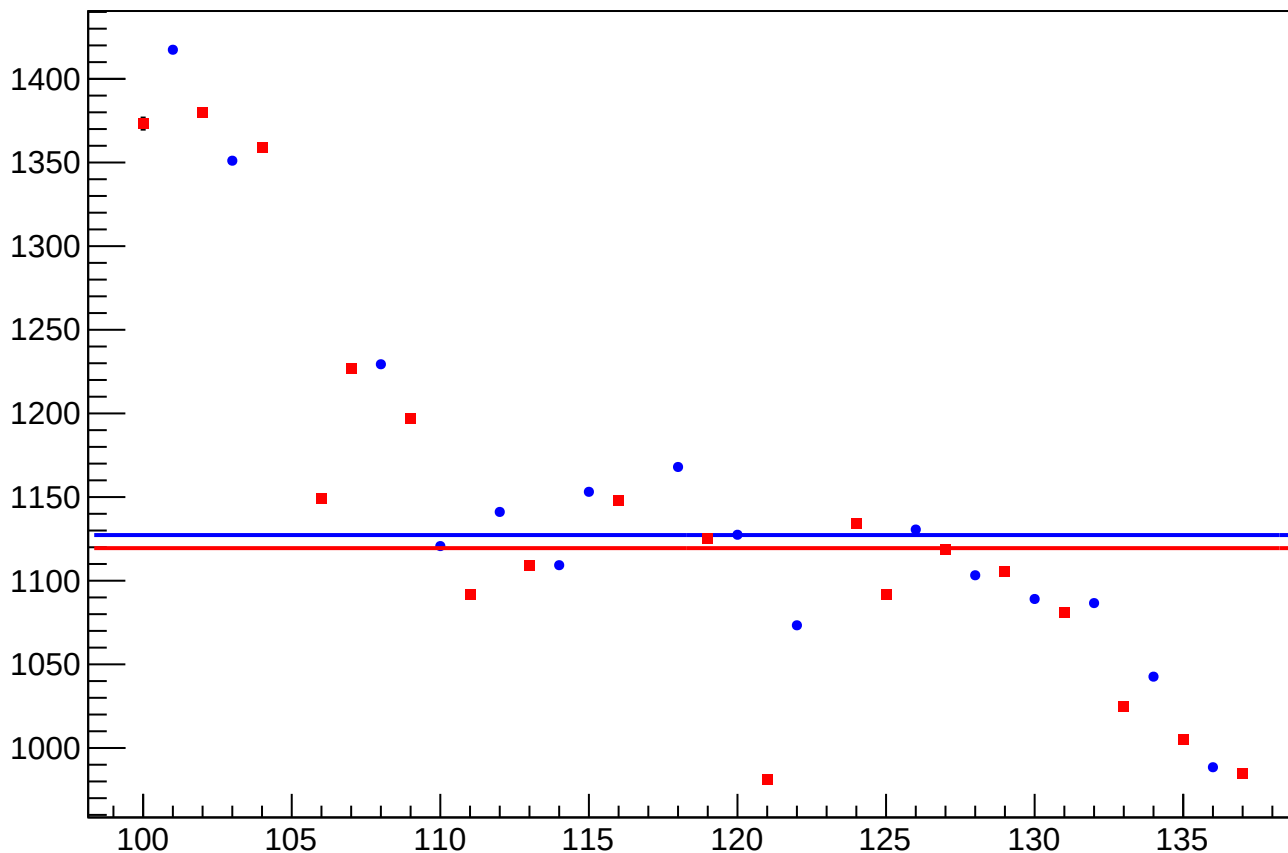
Right: -5.230 $\pm$ 0.294 χ^2 /NDF: 657.9/34

In: -5.506 $\pm$ 0.421 χ^2 /NDF:369.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.230 $\pm$ 0.294 χ^2 /NDF: 657.9/34

diff_bpm0l09Y_rms vs Slug, Sign Corrected



Right In: 1127.290+/-0.298 χ^2/NDF : 140615.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.473+/-0.290 χ^2/NDF : 140736.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

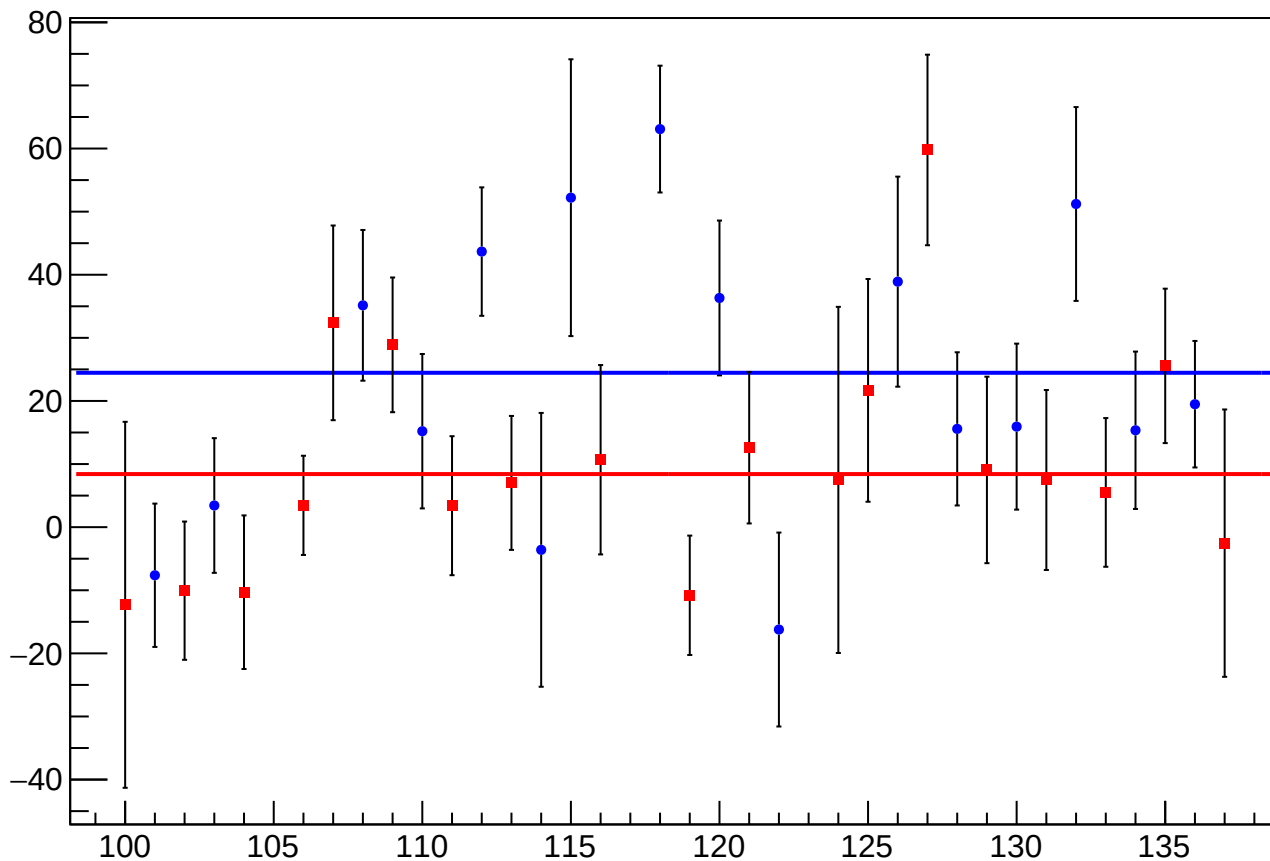
Right: 1123.282+/-0.208 χ^2/NDF : 281705.5/34

In: 1127.290+/-0.298 χ^2/NDF : 140615.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1123.282+/-0.208 χ^2/NDF : 281705.5/34

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.463+/-3.136 χ^2/NDF : 48.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.413+/-2.891 χ^2/NDF : 31.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

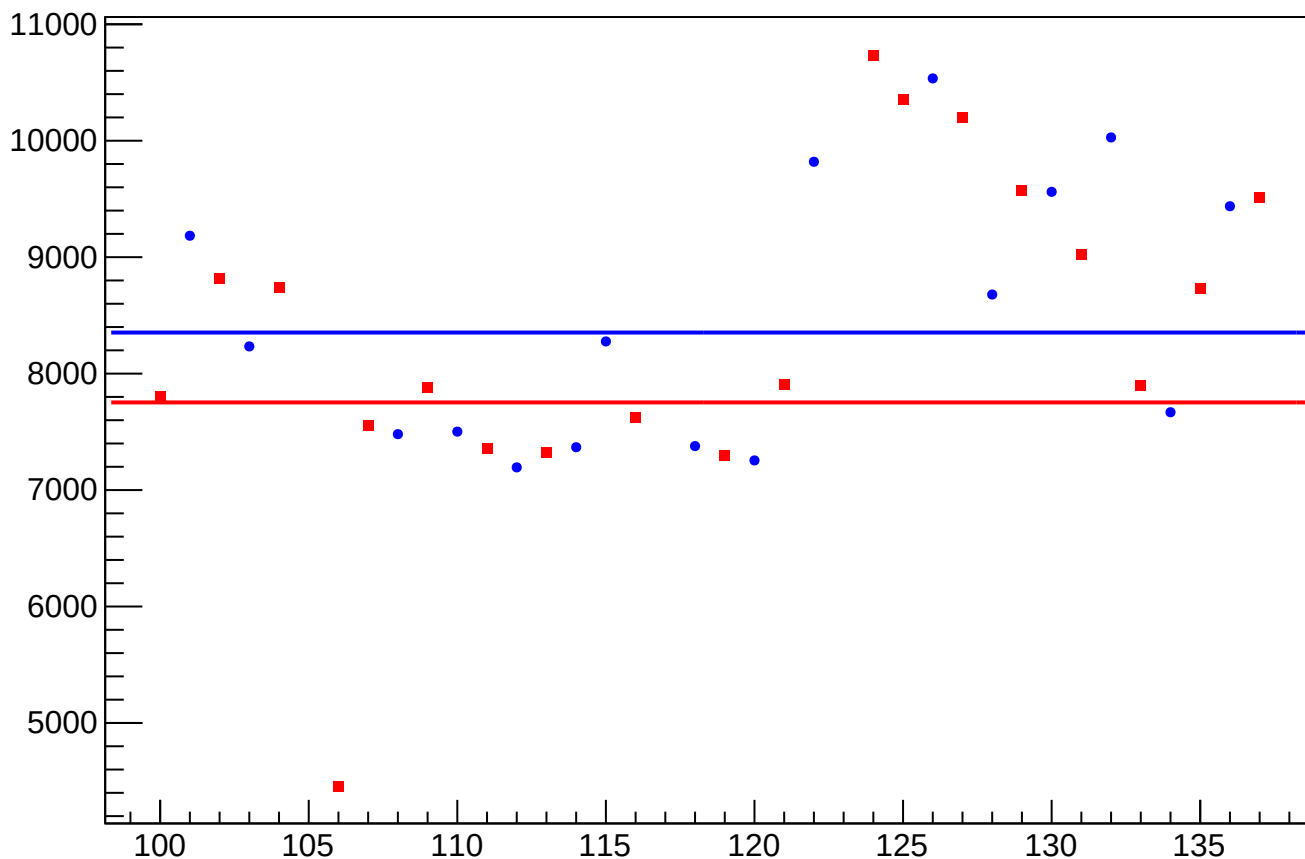
Right: 15.786+/-2.126 χ^2/NDF : 93.6/34

In: 24.463+/-3.136 χ^2/NDF : 48.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.786+/-2.126 χ^2/NDF : 93.6/34

diff_bpm0l10X_rms vs Slug, Sign Corrected



Right In: 8352.758+/-2.218 χ^2/NDF : 220412.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7752.674+/-2.044 χ^2/NDF : 588072.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

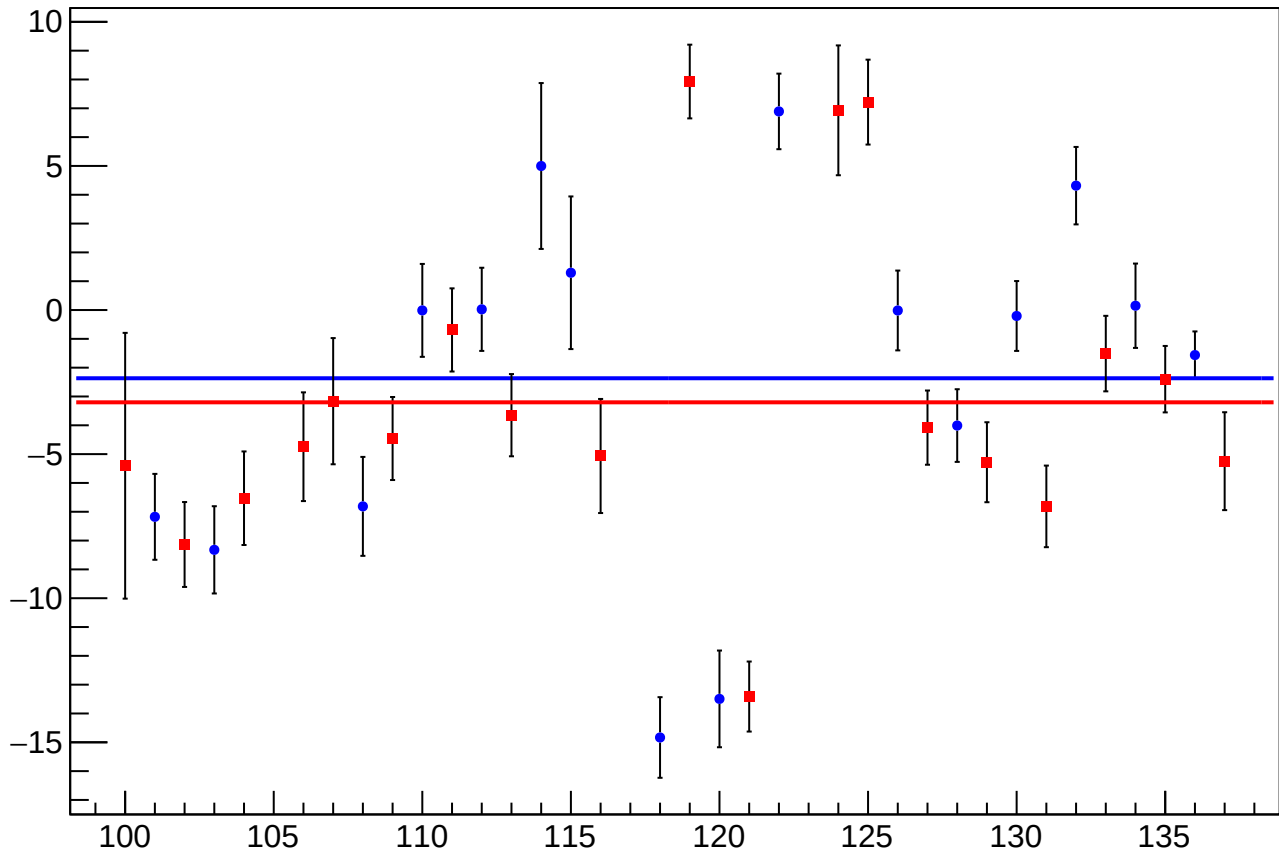
Right: 8028.343+/-1.503 χ^2/NDF : 848071.5/34

In: 8352.758+/-2.218 χ^2/NDF : 220412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8028.343+/-1.503 χ^2/NDF : 848071.5/34

diff_bpm0l10Y_mean vs Slug, Sign Corrected



Right In: -2.368 ± 0.350 χ^2/NDF : 255.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.203 ± 0.346 χ^2/NDF : 250.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

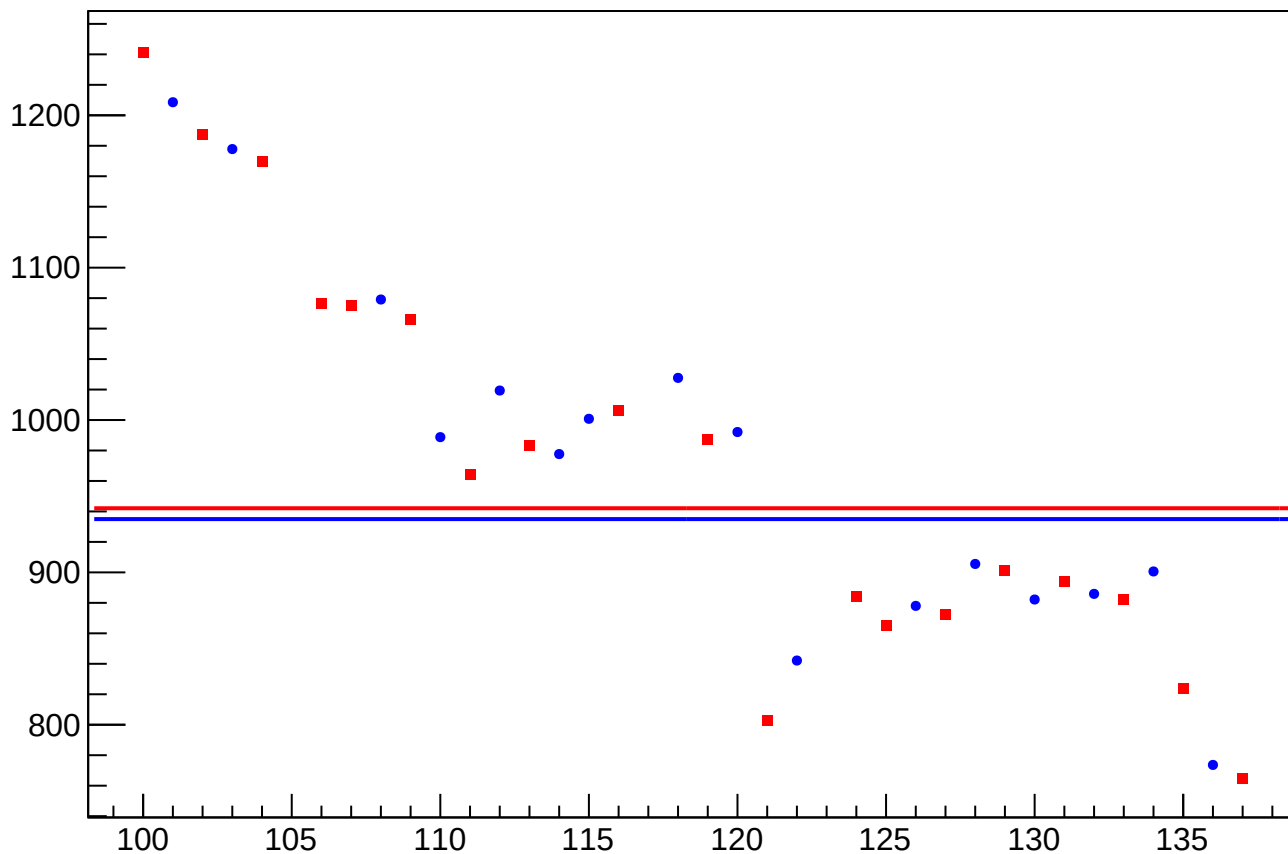
Right: -2.790 ± 0.246 χ^2/NDF : 509.0/34

In: -2.368 ± 0.350 χ^2/NDF : 255.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.790 ± 0.246 χ^2/NDF : 509.0/34

diff_bpm0l10Y_rms vs Slug, Sign Corrected



Right In: 934.975+/-0.248 χ^2/NDF : 254363.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.096+/-0.245 χ^2/NDF : 232453.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

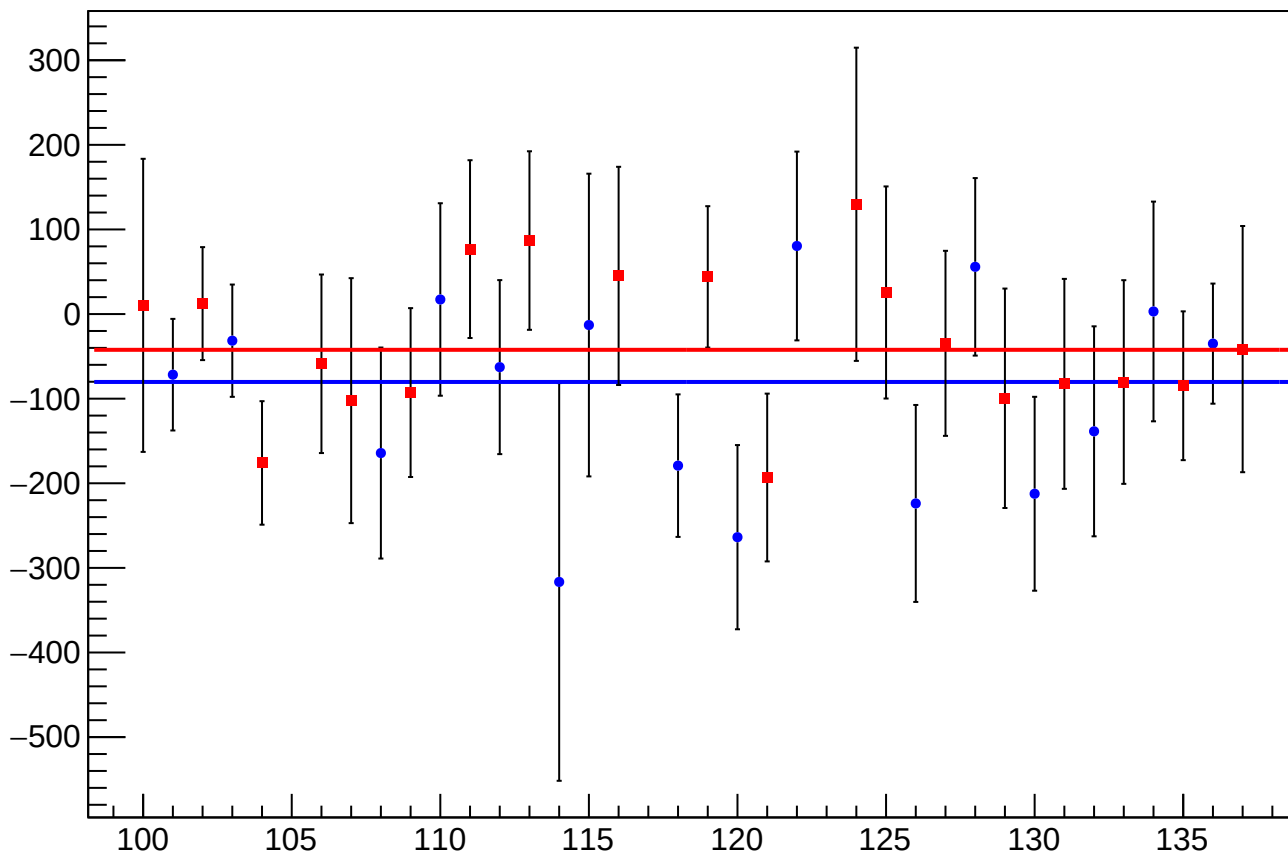
Right: 938.577+/-0.174 χ^2/NDF : 487235.0/34

In: 934.975+/-0.248 χ^2/NDF : 254363.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 938.577+/-0.174 χ^2/NDF : 487235.0/34

diff_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -80.250 $\pm$ 24.909 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.263 $\pm$ 24.144 χ^2 /NDF: 13.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

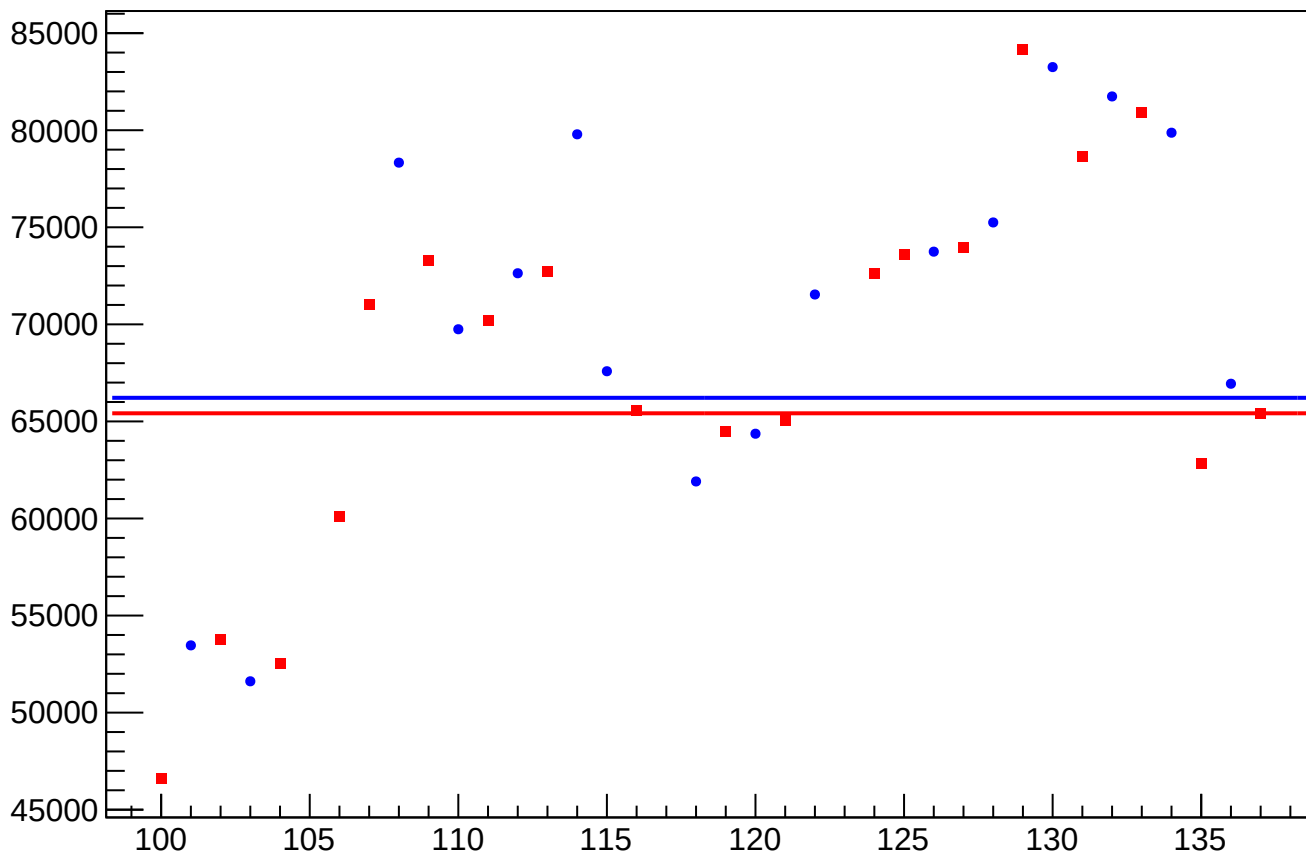
Right: -60.665 $\pm$ 17.337 χ^2 /NDF: 29.0/34

In: -80.250 $\pm$ 24.909 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.665 $\pm$ 17.337 χ^2 /NDF: 29.0/34

diff_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 66216.115+/-17.613 χ^2/NDF : 338377.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65418.529+/-17.073 χ^2/NDF : 304555.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

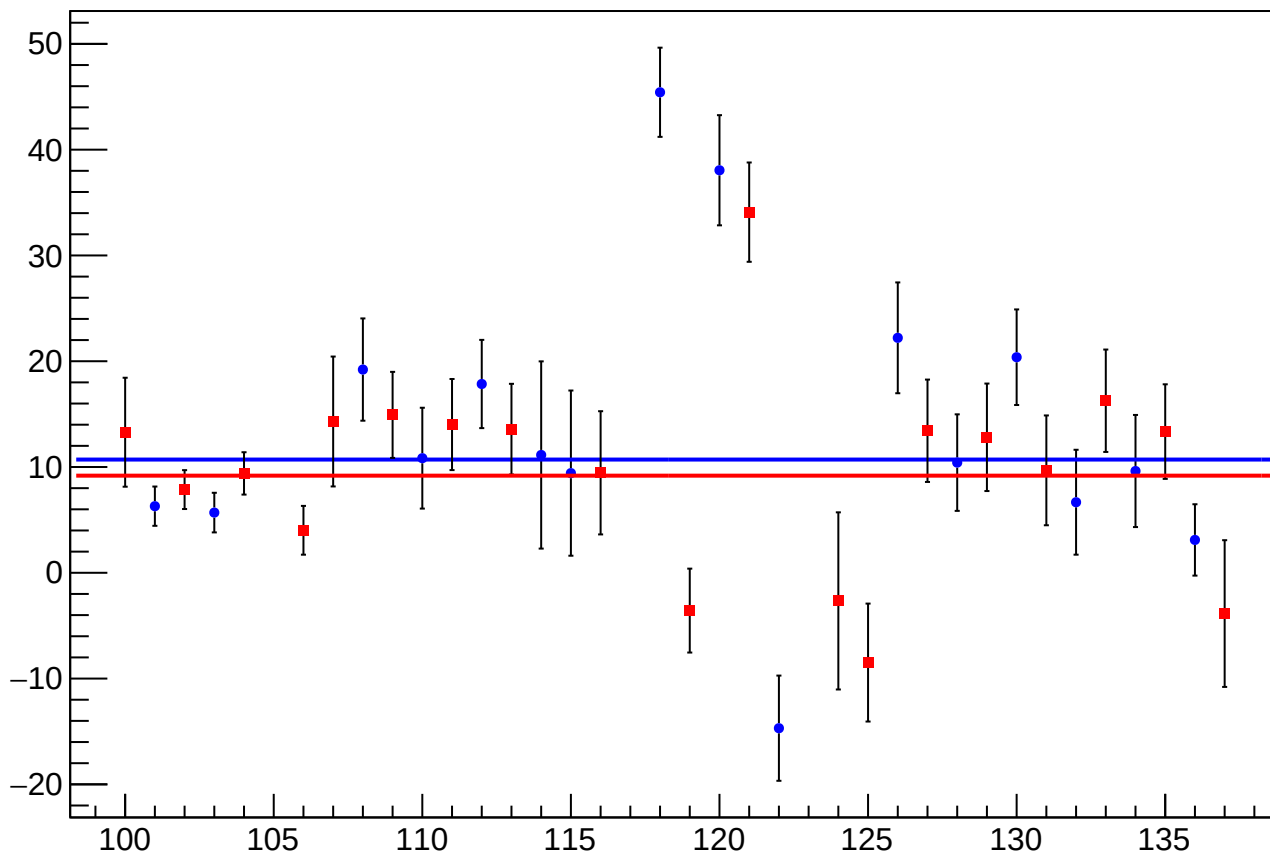
Right: 65804.895+/-12.259 χ^2/NDF : 643990.8/34

In: 66216.115+/-17.613 χ^2/NDF : 338377.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65804.895+/-12.259 χ^2/NDF : 643990.8/34

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.705 $\pm$ 0.921 χ^2 /NDF: 155.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.182 $\pm$ 0.850 χ^2 /NDF: 69.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

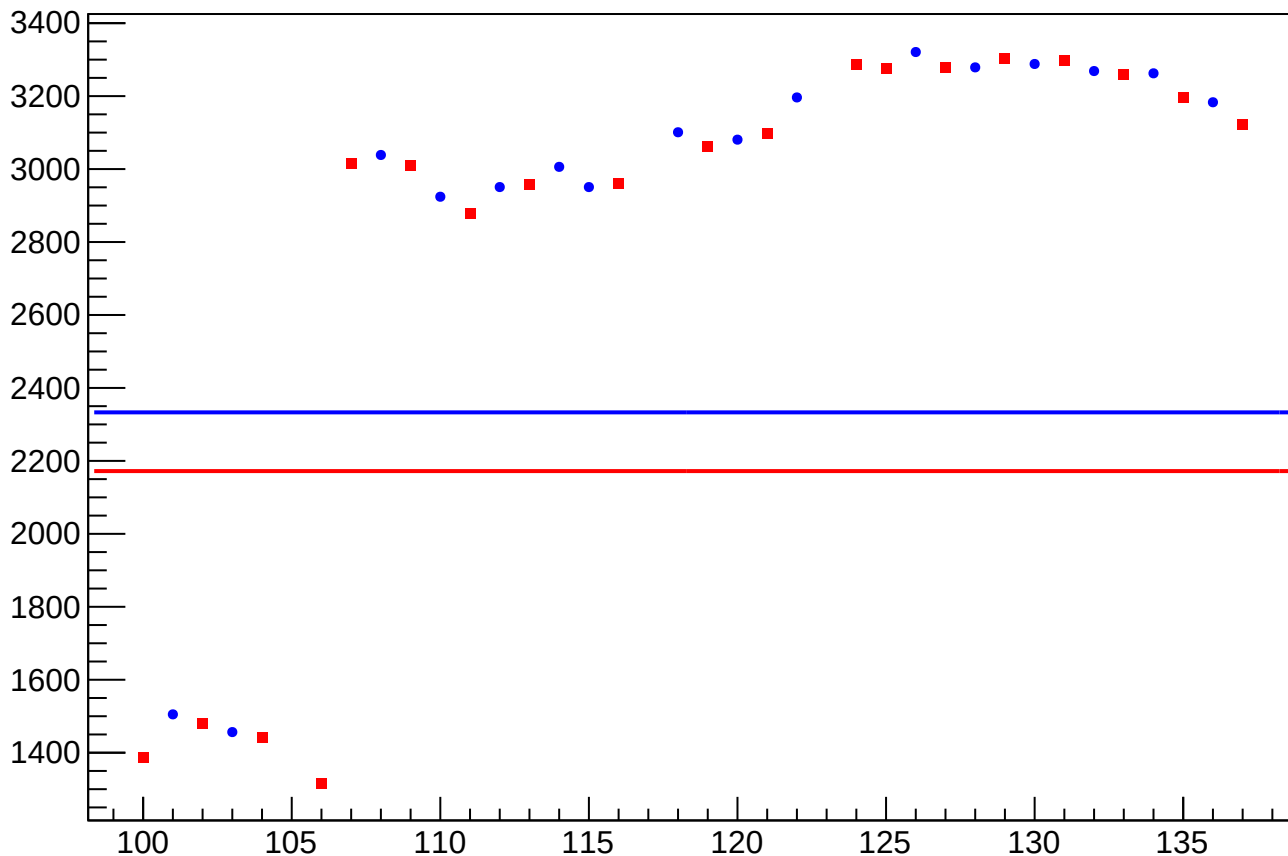
Right: 9.883 $\pm$ 0.625 χ^2 /NDF: 226.6/34

In: 10.705 $\pm$ 0.921 χ^2 /NDF:155.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 9.883 $\pm$ 0.625 χ^2 /NDF: 226.6/34

diff_bpm0r03Y_rms vs Slug, Sign Corrected



Right In: 2333.021+/-0.651 χ^2 /NDF: 1651407.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2172.041+/-0.601 χ^2 /NDF: 1984197.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

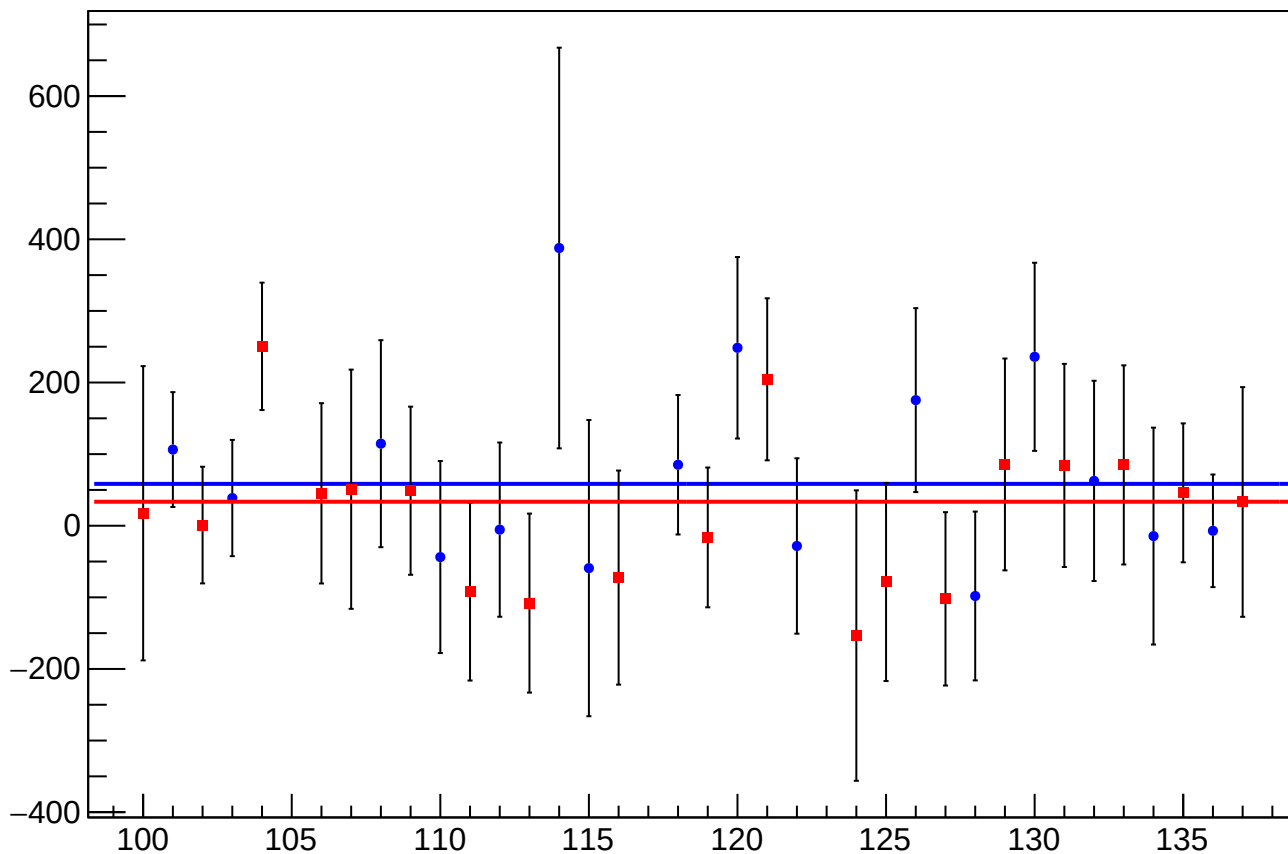
Right: 2246.139+/-0.442 χ^2 /NDF: 3668614.7/34

In: 2333.021+/-0.651 χ^2 /NDF:1651407.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2246.139+/-0.442 χ^2 /NDF: 3668614.7/34

diff_bpm0r05X_mean vs Slug, Sign Corrected



Right In: 58.446 $\pm$ 28.918 χ^2 /NDF: 11.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.520 $\pm$ 28.106 χ^2 /NDF: 14.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

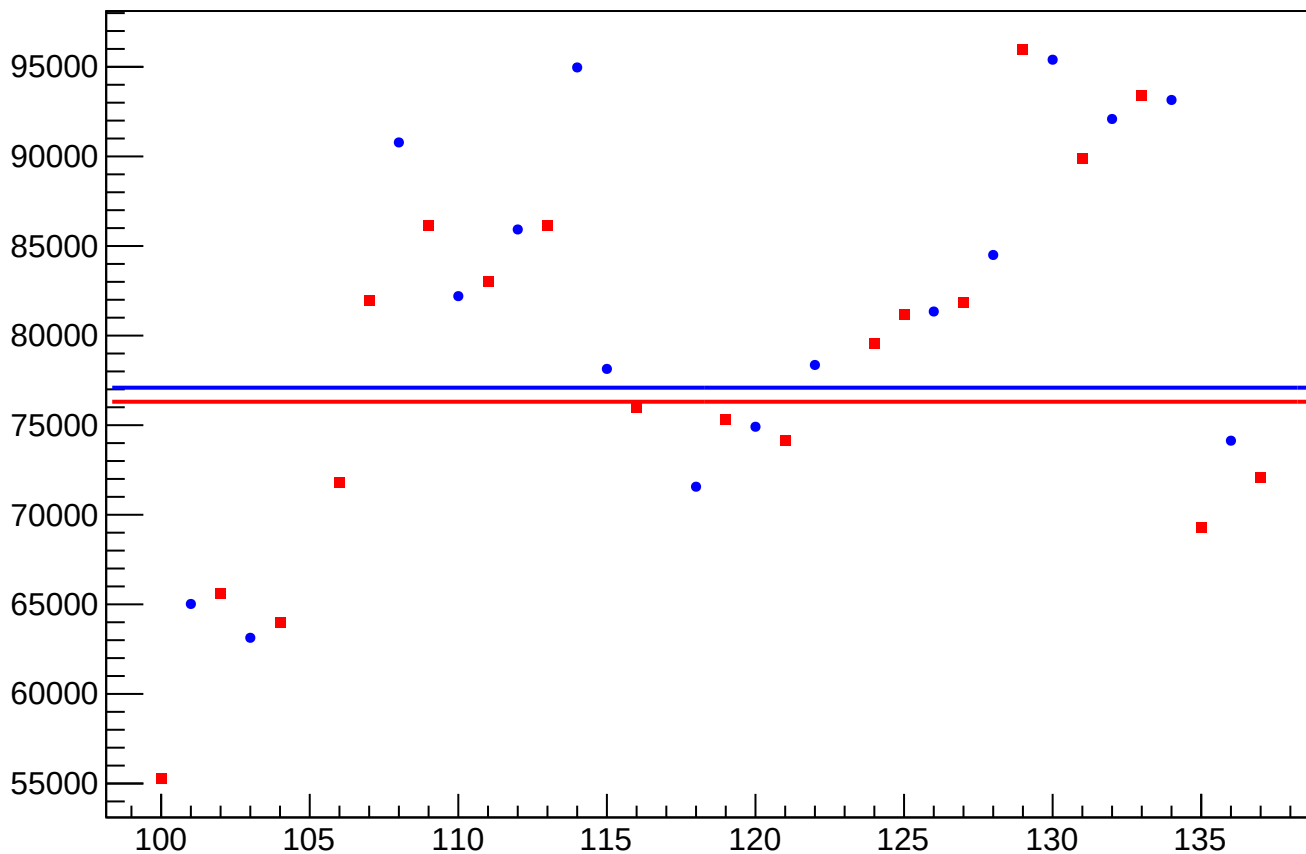
Right: 45.628 $\pm$ 20.155 χ^2 /NDF: 26.4/34

In: 58.446 $\pm$ 28.918 χ^2 /NDF:11.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.628 $\pm$ 20.155 χ^2 /NDF: 26.4/34

diff_bpm0r05X_rms vs Slug, Sign Corrected



Right In: 77093.125+/-20.448 χ^2/NDF : 248542.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 76308.708+/-19.874 χ^2/NDF : 234433.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

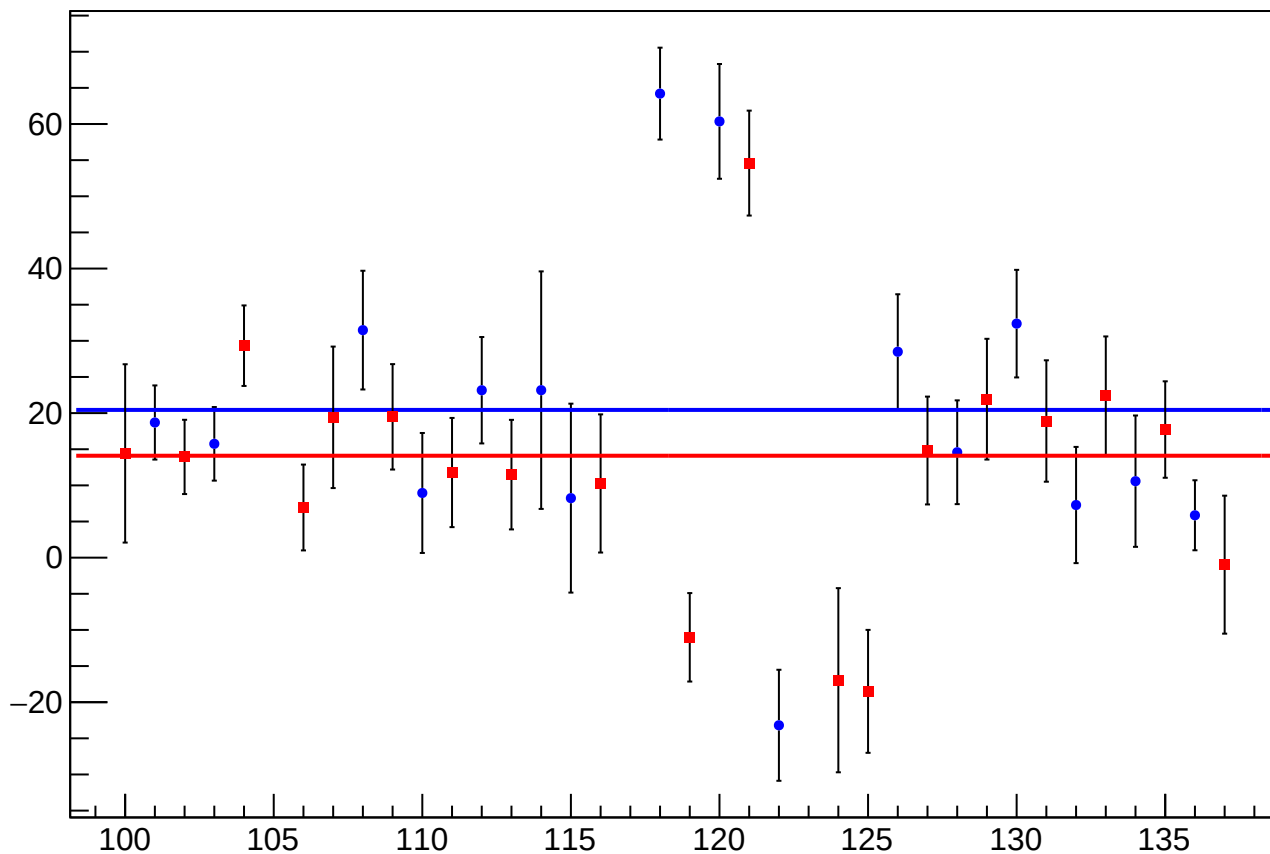
Right: 76689.749+/-14.251 χ^2/NDF : 483732.7/34

In: 77093.125+/-20.448 χ^2/NDF : 248542.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76689.749+/-14.251 χ^2/NDF : 483732.7/34

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 20.441 $\pm$ 1.782 χ^2 /NDF: 127.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.102 $\pm$ 1.714 χ^2 /NDF: 83.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

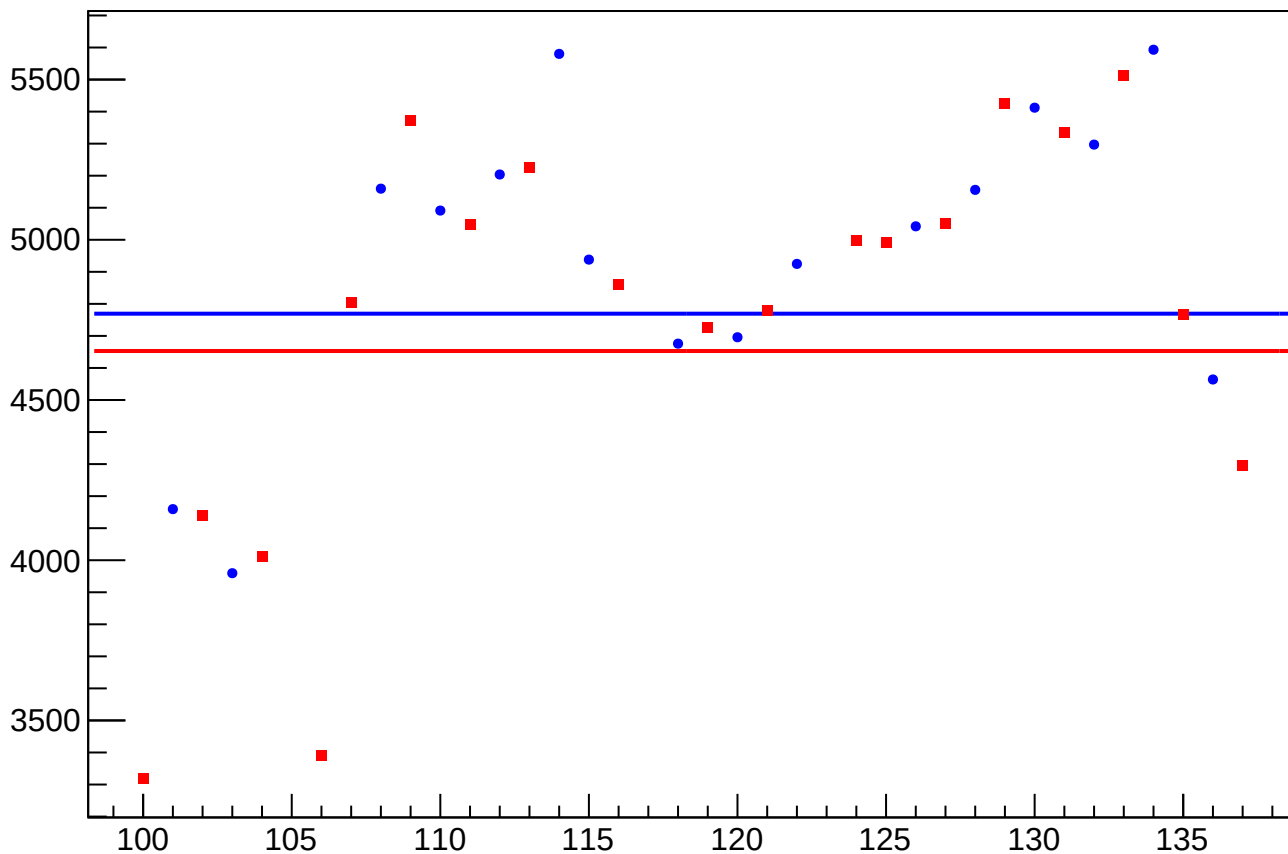
Right: 17.148 $\pm$ 1.235 χ^2 /NDF: 218.2/34

In: 20.441 $\pm$ 1.782 χ^2 /NDF:127.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.148 $\pm$ 1.235 χ^2 /NDF: 218.2/34

diff_bpm0r05Y_rms vs Slug, Sign Corrected



Right In: 4769.375+/-1.260 χ^2/NDF : 151678.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4652.924+/-1.212 χ^2/NDF : 265116.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

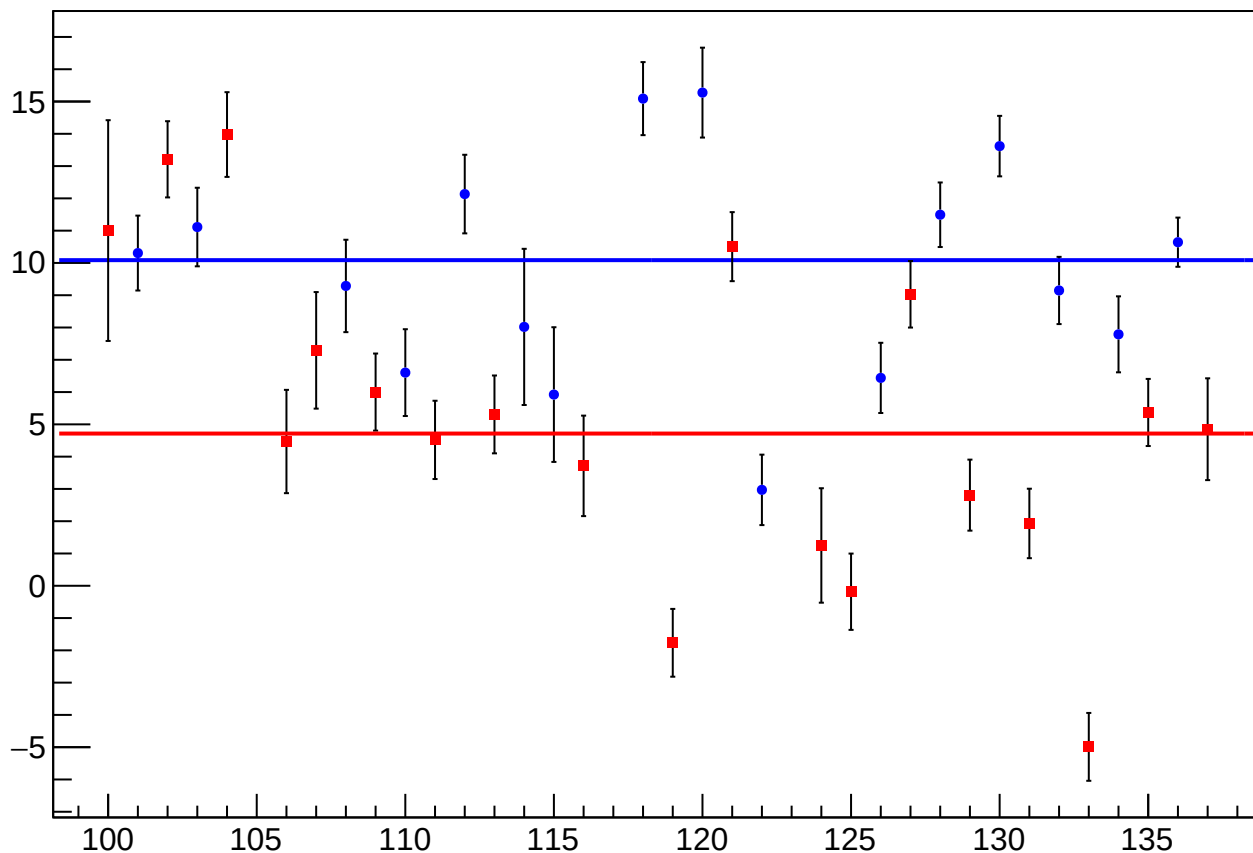
Right: 4708.872+/-0.873 χ^2/NDF : 421232.0/34

In: 4769.375+/-1.260 χ^2/NDF : 151678.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4708.872+/-0.873 χ^2/NDF : 421232.0/34

diff_bpm2i01X_mean vs Slug, Sign Corrected



Right In: 10.086+/-0.288 χ^2/NDF : 123.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.715+/-0.286 χ^2/NDF : 310.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

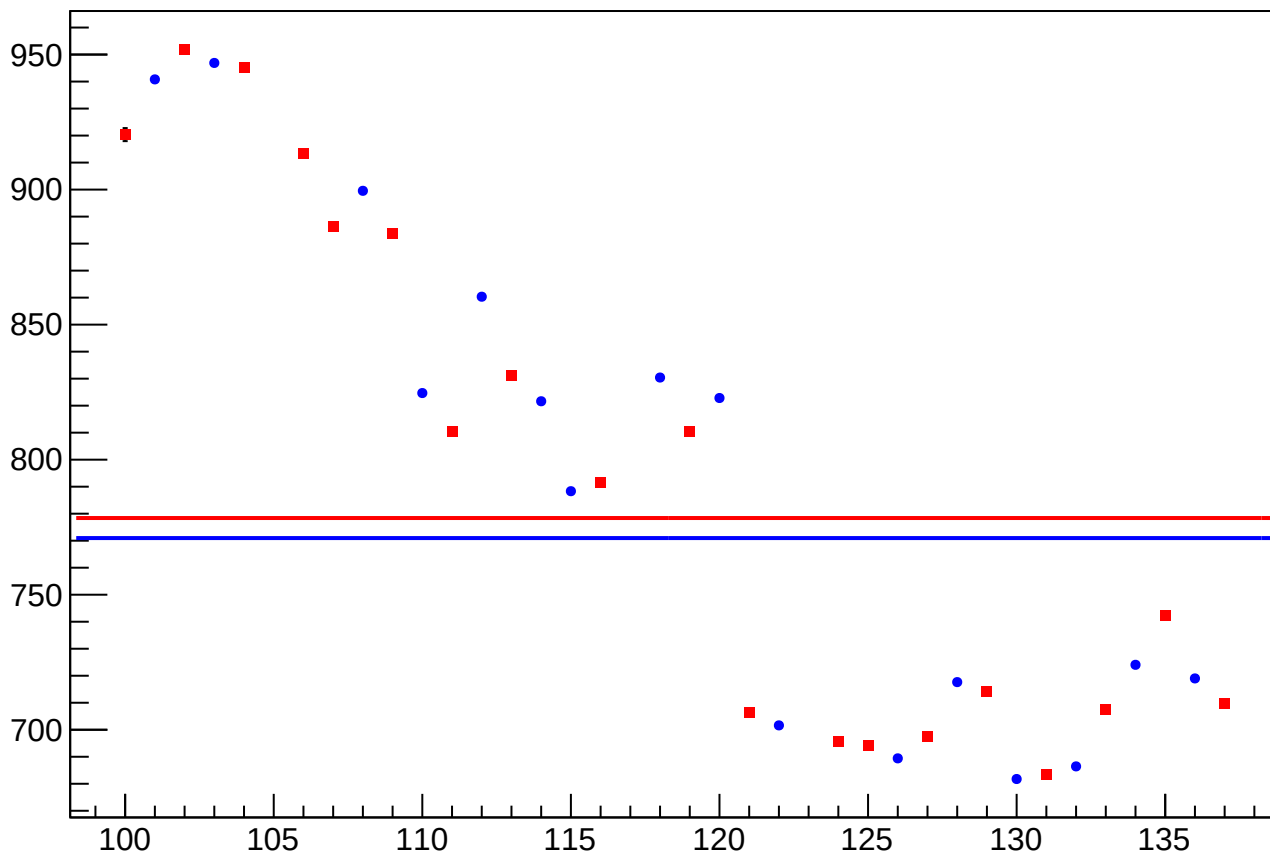
Right: 7.376+/-0.203 χ^2/NDF : 609.2/34

In: 10.086+/-0.288 χ^2/NDF : 123.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.376+/-0.203 χ^2/NDF : 609.2/34

diff_bpm2i01X_rms vs Slug, Sign Corrected



Right In: 770.973+/-0.204 χ^2/NDF : 192911.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 778.394+/-0.202 χ^2/NDF : 196544.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

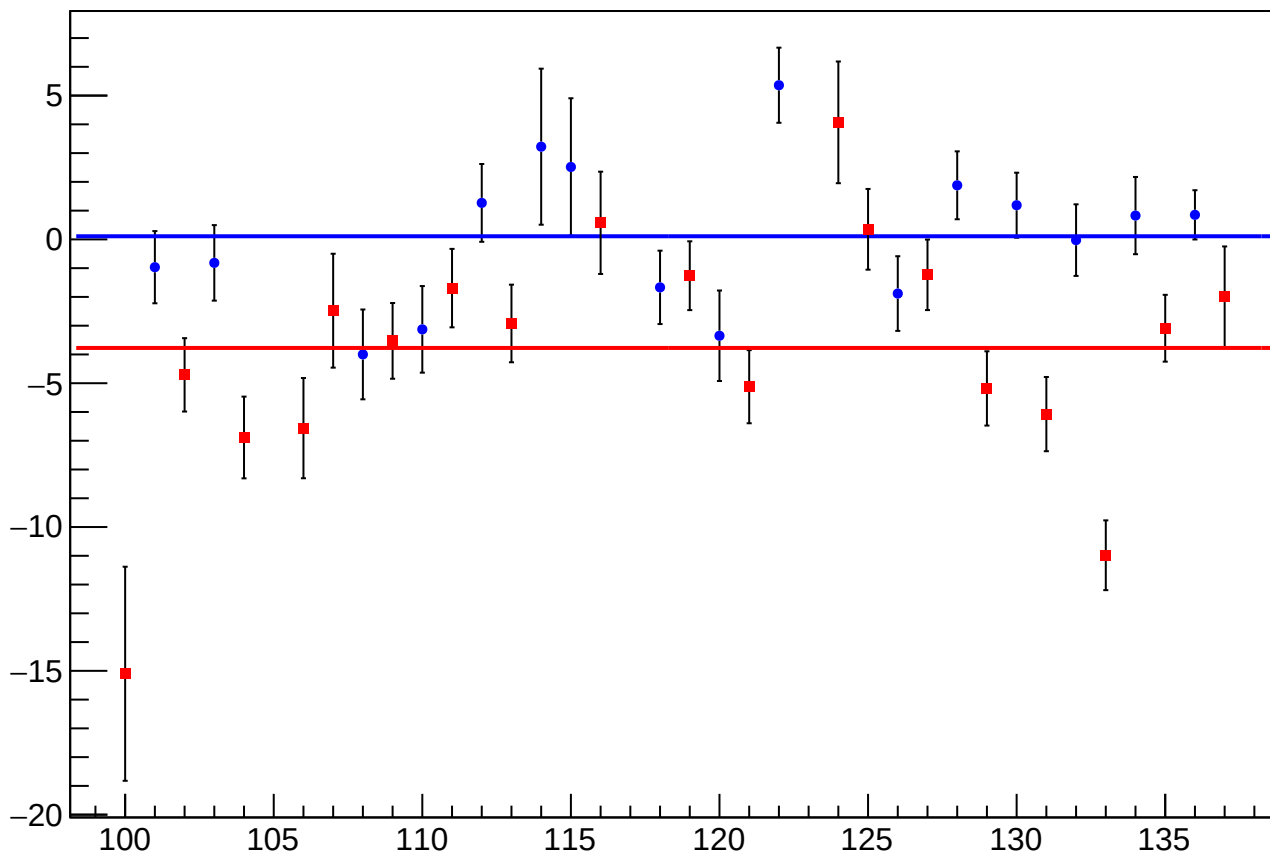
Right: 774.717+/-0.144 χ^2/NDF : 390124.3/34

In: 770.973+/-0.204 χ^2/NDF : 192911.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 774.717+/-0.144 χ^2/NDF : 390124.3/34

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: 0.109+/-0.330 χ^2/NDF : 45.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.774+/-0.326 χ^2/NDF : 99.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

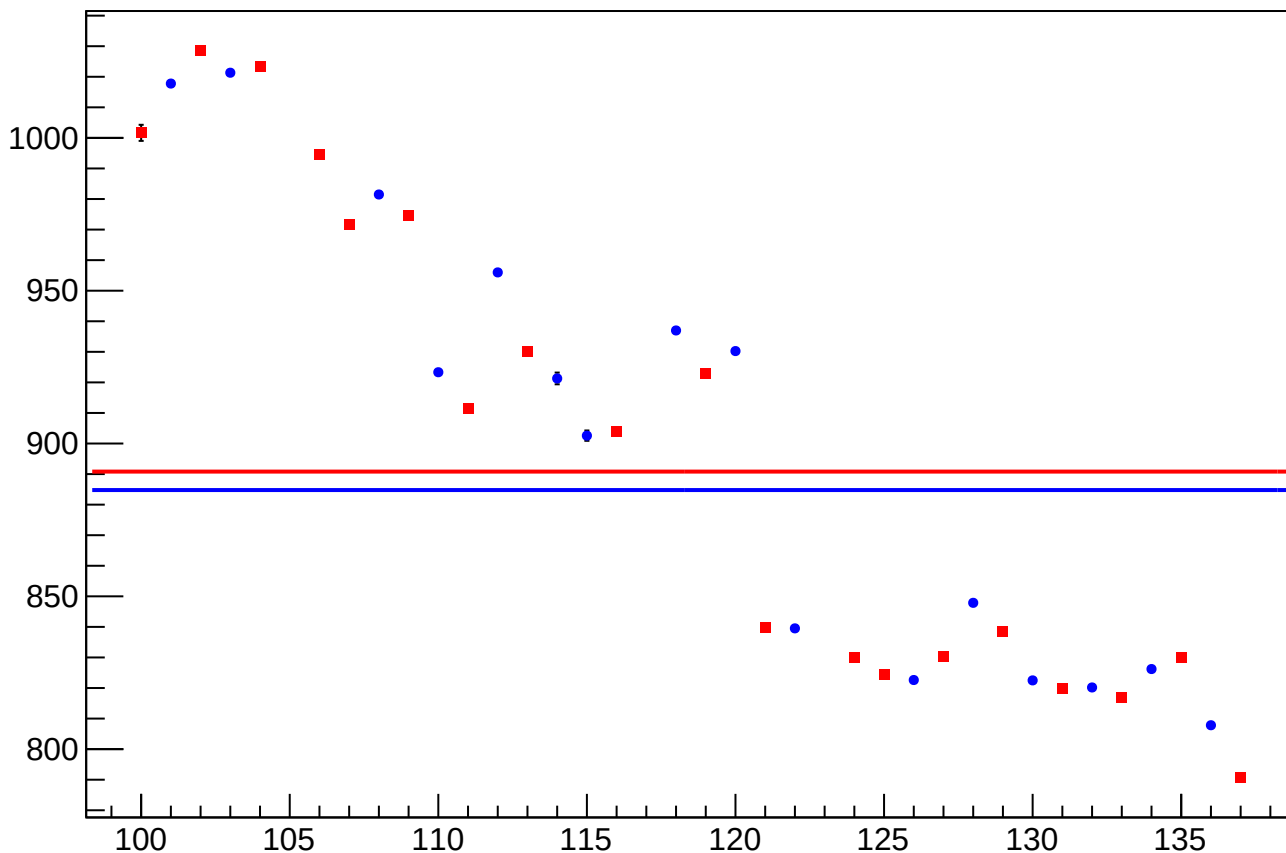
Right: -1.855+/-0.232 χ^2/NDF : 215.0/34

In: 0.109+/-0.330 χ^2/NDF : 45.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.855+/-0.232 χ^2/NDF : 215.0/34

diff_bpm2i01Y_rms vs Slug, Sign Corrected



Right In: 884.773+/-0.233 χ^2/NDF : 104494.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 890.815+/-0.231 χ^2/NDF : 107763.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

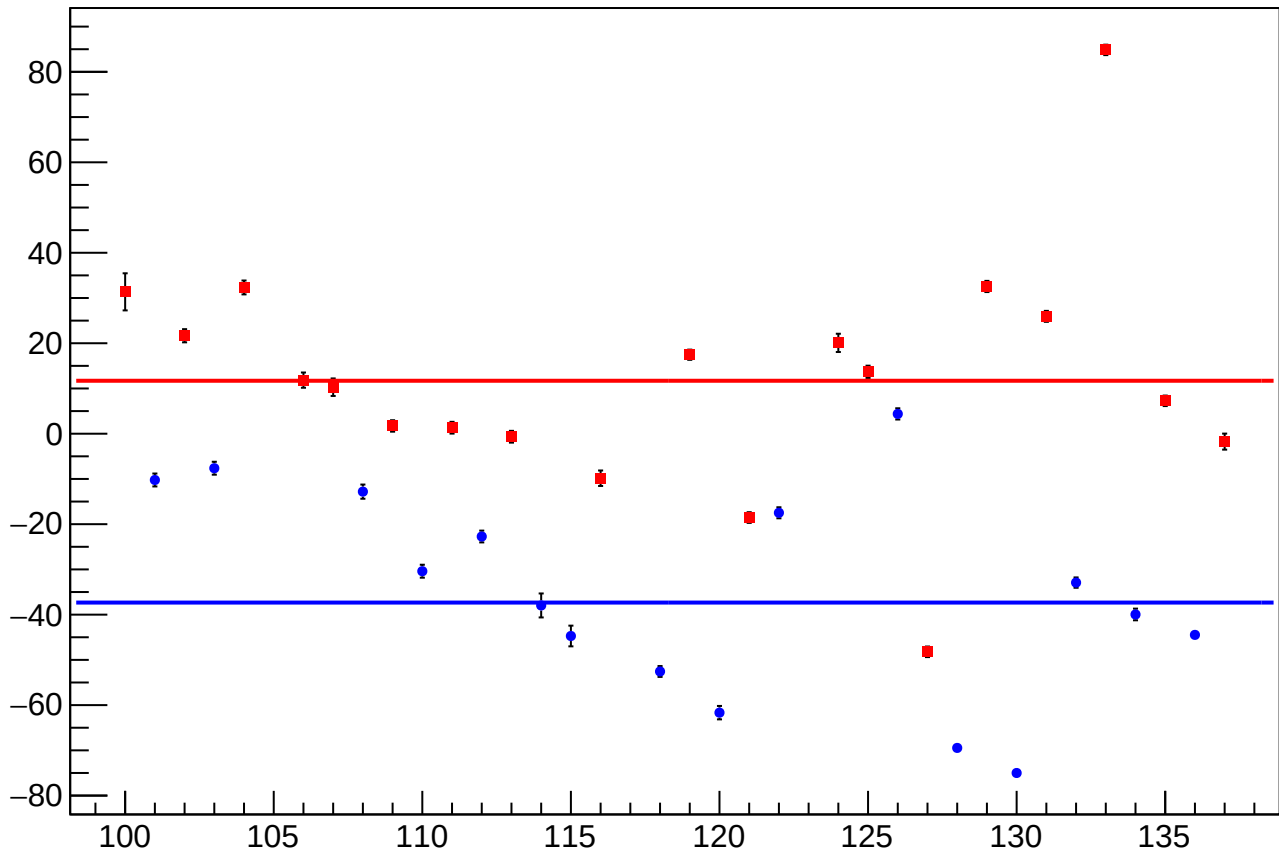
Right: 887.830+/-0.164 χ^2/NDF : 212597.1/34

In: 884.773+/-0.233 χ^2/NDF : 104494.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.830+/-0.164 χ^2/NDF : 212597.1/34

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -37.330 ± 0.322 $\chi^2/\text{NDF}: 5184.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.706 ± 0.318 $\chi^2/\text{NDF}: 8463.6/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

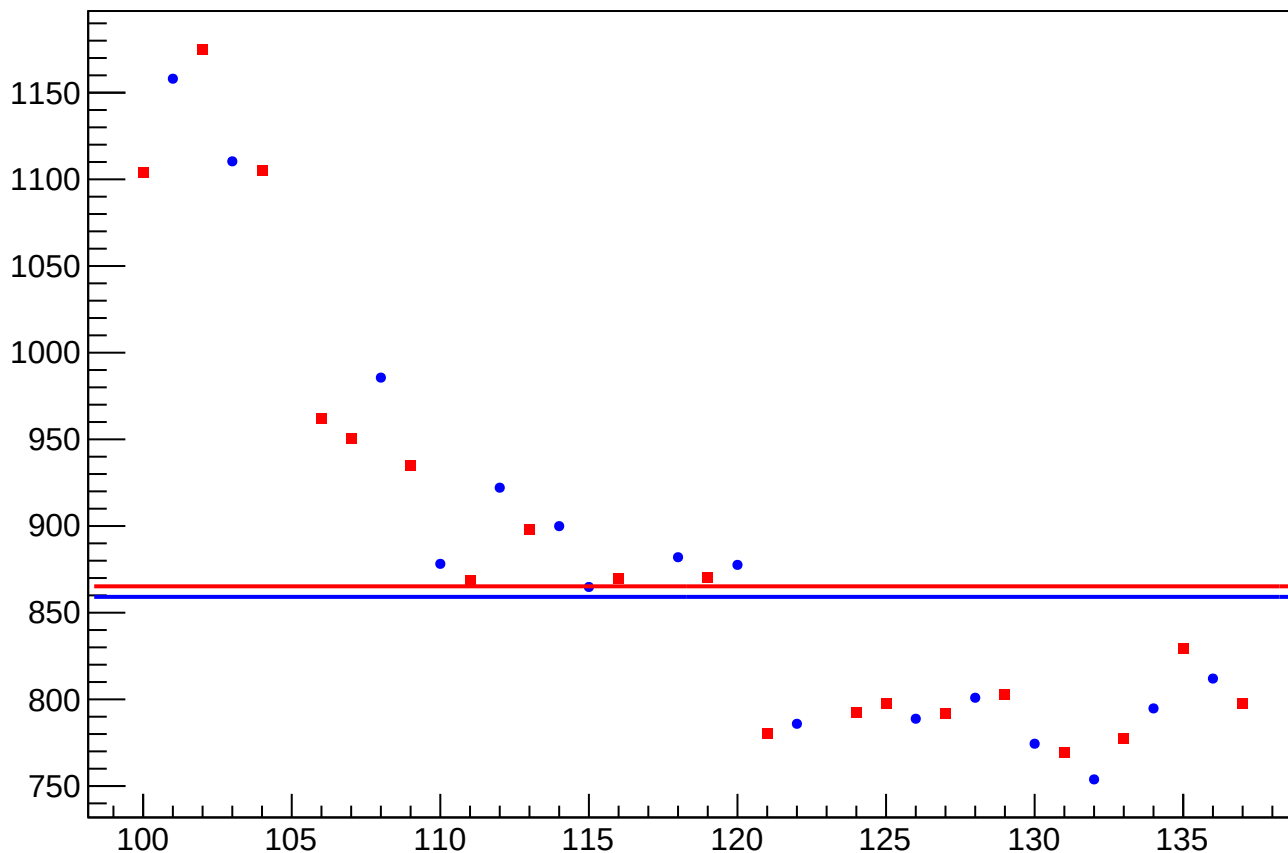
Right: -12.519 ± 0.226 $\chi^2/\text{NDF}: 25401.8/34$

In: -37.330 ± 0.322 $\chi^2/\text{NDF}: 5184.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -12.519 ± 0.226 $\chi^2/\text{NDF}: 25401.8/34$

diff_bpm2i02X_rms vs Slug, Sign Corrected



Right In: 859.126+/-0.228 χ^2/NDF : 228710.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 865.213+/-0.225 χ^2/NDF : 223669.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

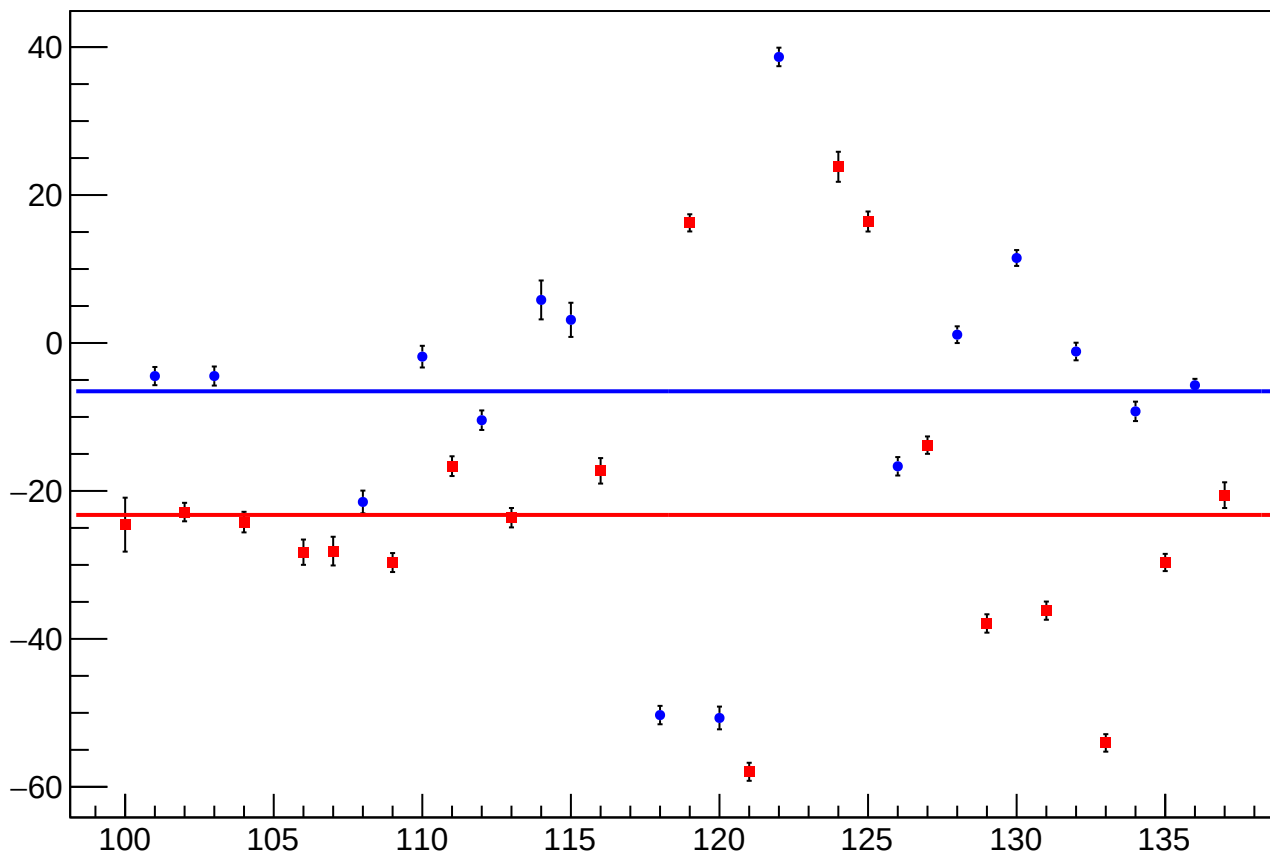
Right: 862.206+/-0.160 χ^2/NDF : 452741.3/34

In: 859.126+/-0.228 χ^2/NDF :228710.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 862.206+/-0.160 χ^2/NDF : 452741.3/34

diff_bpm2i02Y_mean vs Slug, Sign Corrected



Right In: -6.529+/-0.321 χ^2/NDF : 3946.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -23.244+/-0.317 χ^2/NDF : 4470.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

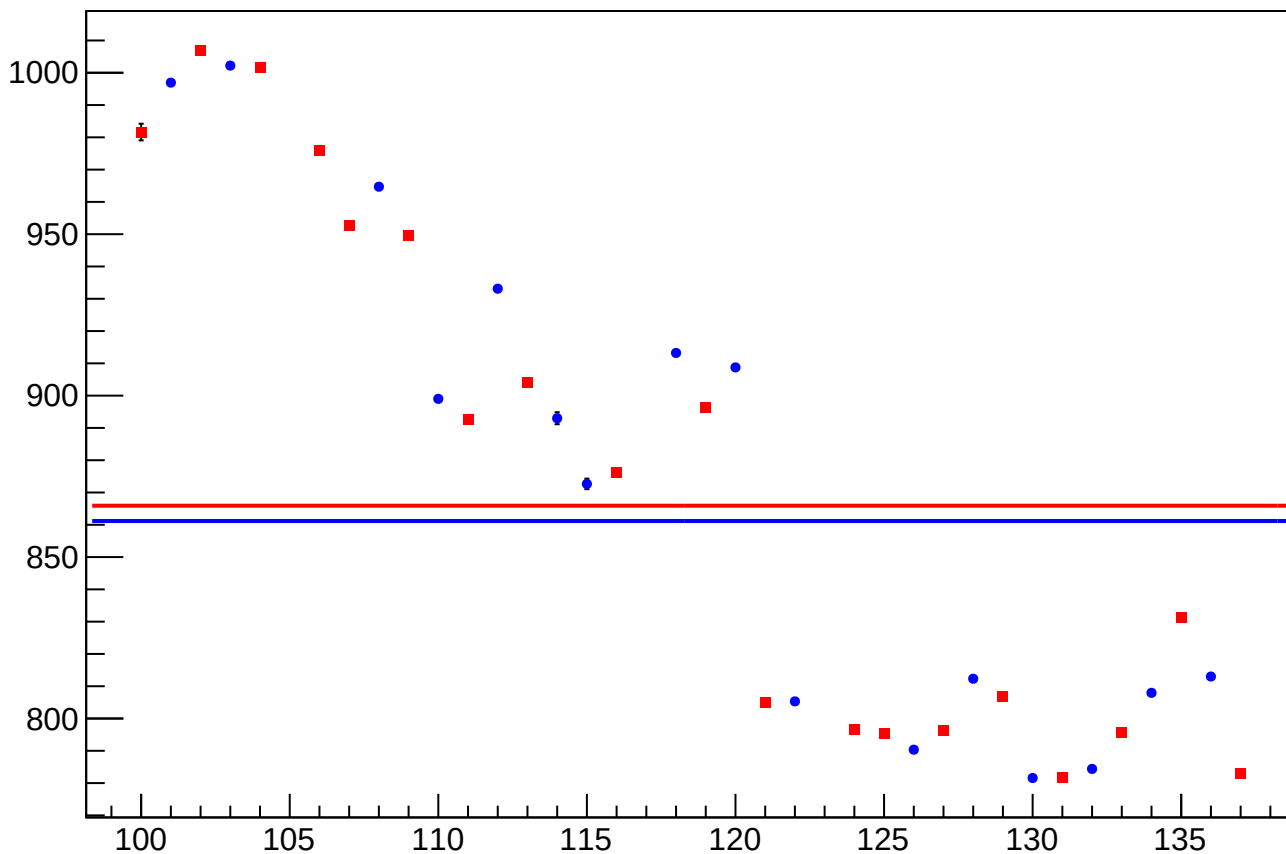
Right: -14.995+/-0.226 χ^2/NDF : 9787.9/34

In: -6.529+/-0.321 χ^2/NDF :3946.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.995+/-0.226 χ^2/NDF : 9787.9/34

diff_bpm2i02Y_rms vs Slug, Sign Corrected



Right In: 861.169+/-0.227 χ^2/NDF : 113529.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 865.907+/-0.224 χ^2/NDF : 118418.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

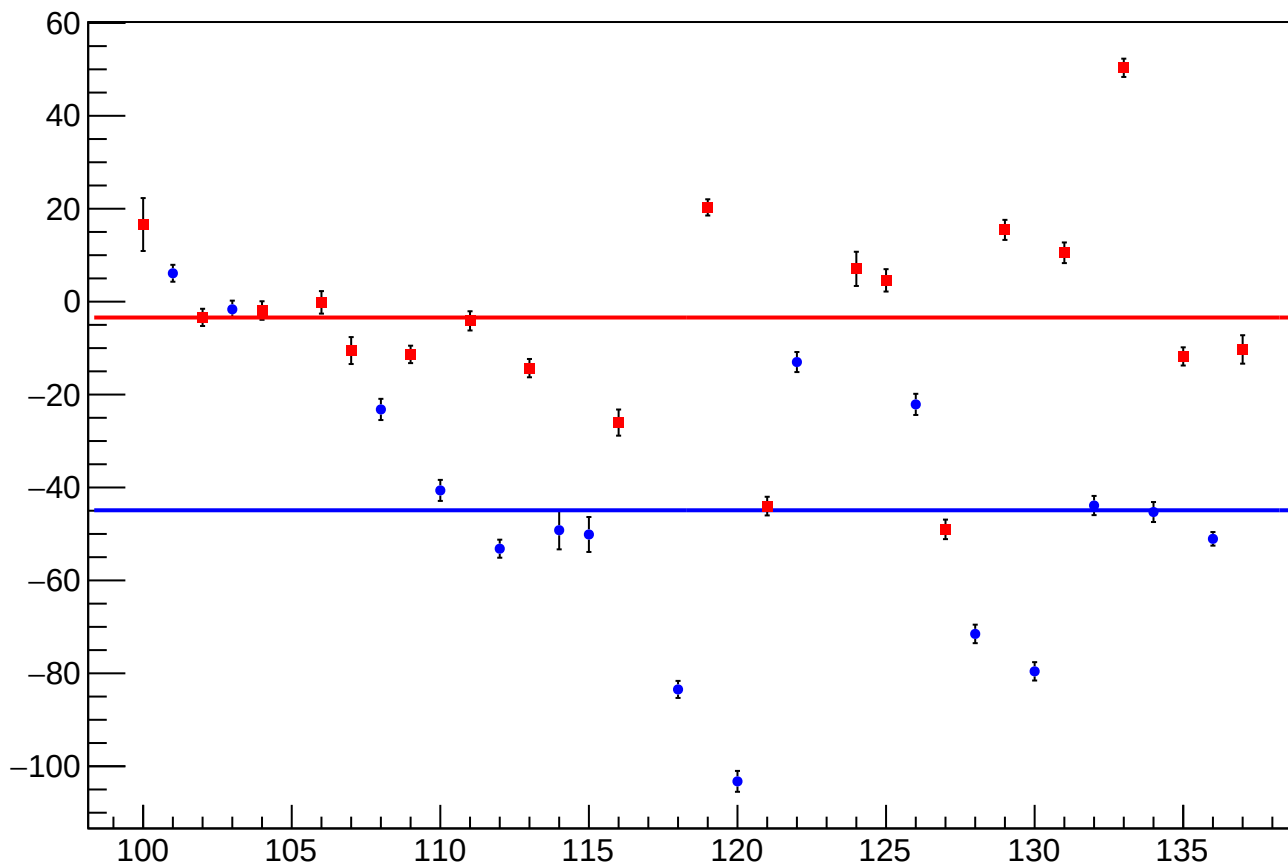
Right: 863.569+/-0.160 χ^2/NDF : 232168.2/34

In: 861.169+/-0.227 χ^2/NDF : 113529.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.569+/-0.160 χ^2/NDF : 232168.2/34

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -44.905 ± 0.520 χ^2/NDF : 3377.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.416 ± 0.509 χ^2/NDF : 2102.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

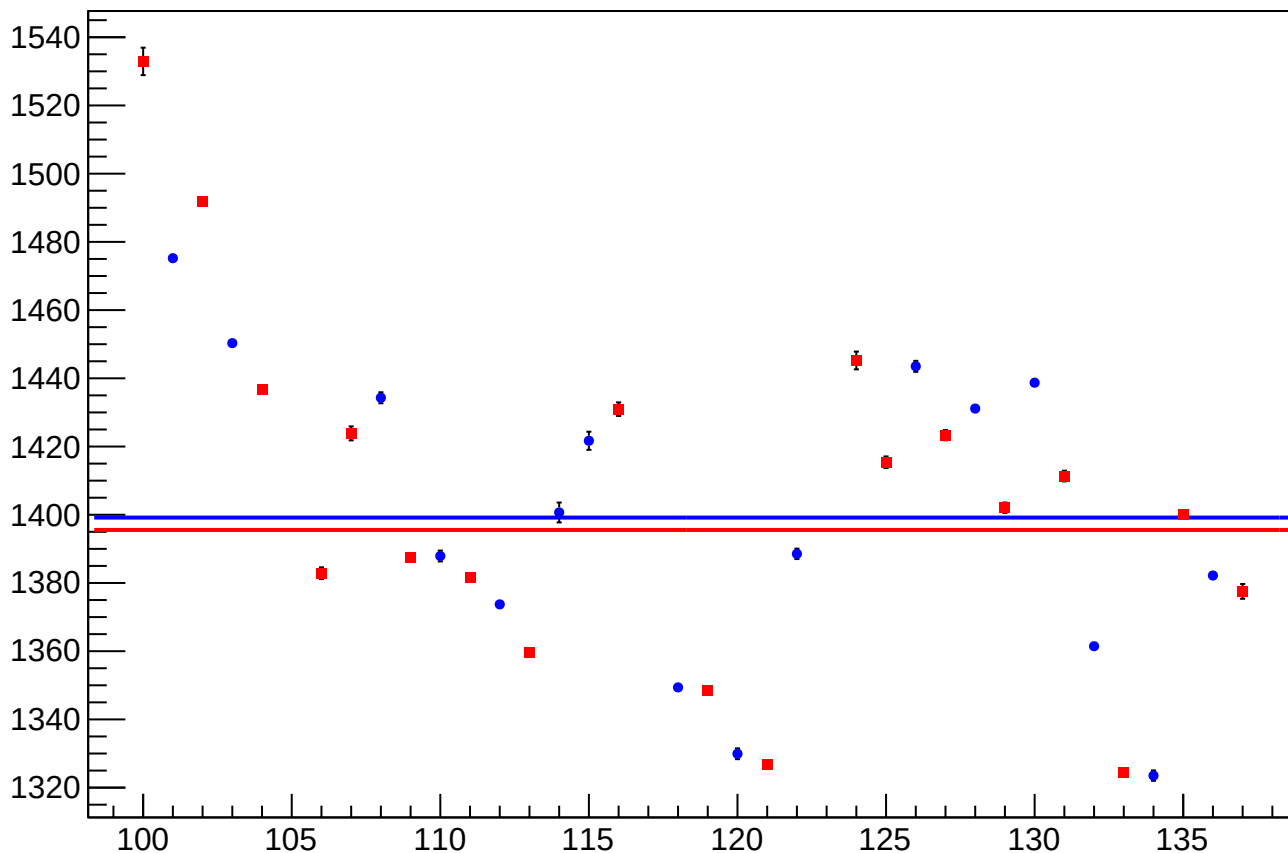
Right: -23.727 ± 0.364 χ^2/NDF : 8730.3/34

In: -44.905 ± 0.520 χ^2/NDF : 3377.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.727 ± 0.364 χ^2/NDF : 8730.3/34

diff_bpm0i02X_rms vs Slug, Sign Corrected



Right In: 1399.172+/-0.368 χ^2/NDF : 14844.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1395.546+/-0.360 χ^2/NDF : 16240.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

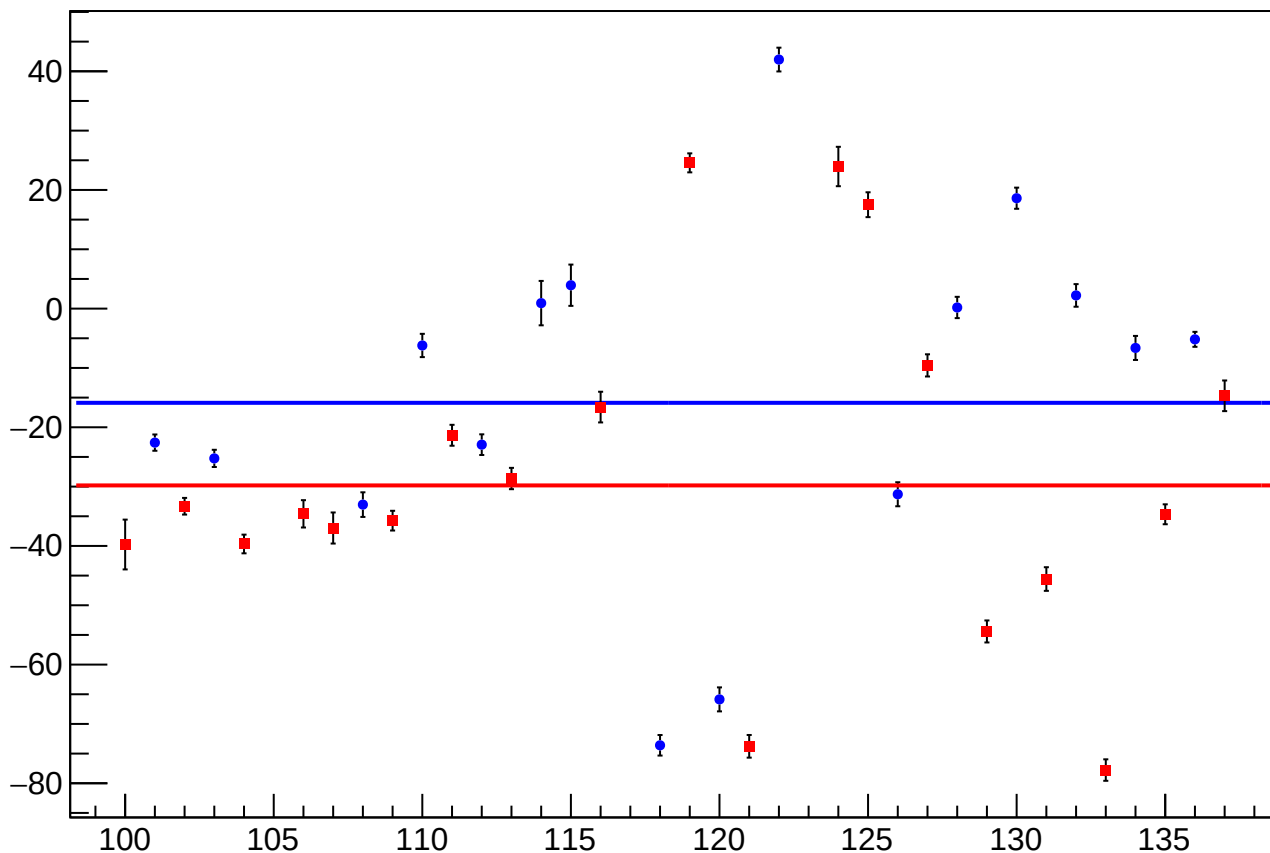
Right: 1397.321+/-0.257 χ^2/NDF : 31134.7/34

In: 1399.172+/-0.368 χ^2/NDF : 14844.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.321+/-0.257 χ^2/NDF : 31134.7/34

diff_bpm0i02Y_mean vs Slug, Sign Corrected



Right In: -15.878 $\pm$ 0.455 χ^2 /NDF: 3477.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.801 $\pm$ 0.444 χ^2 /NDF: 3681.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

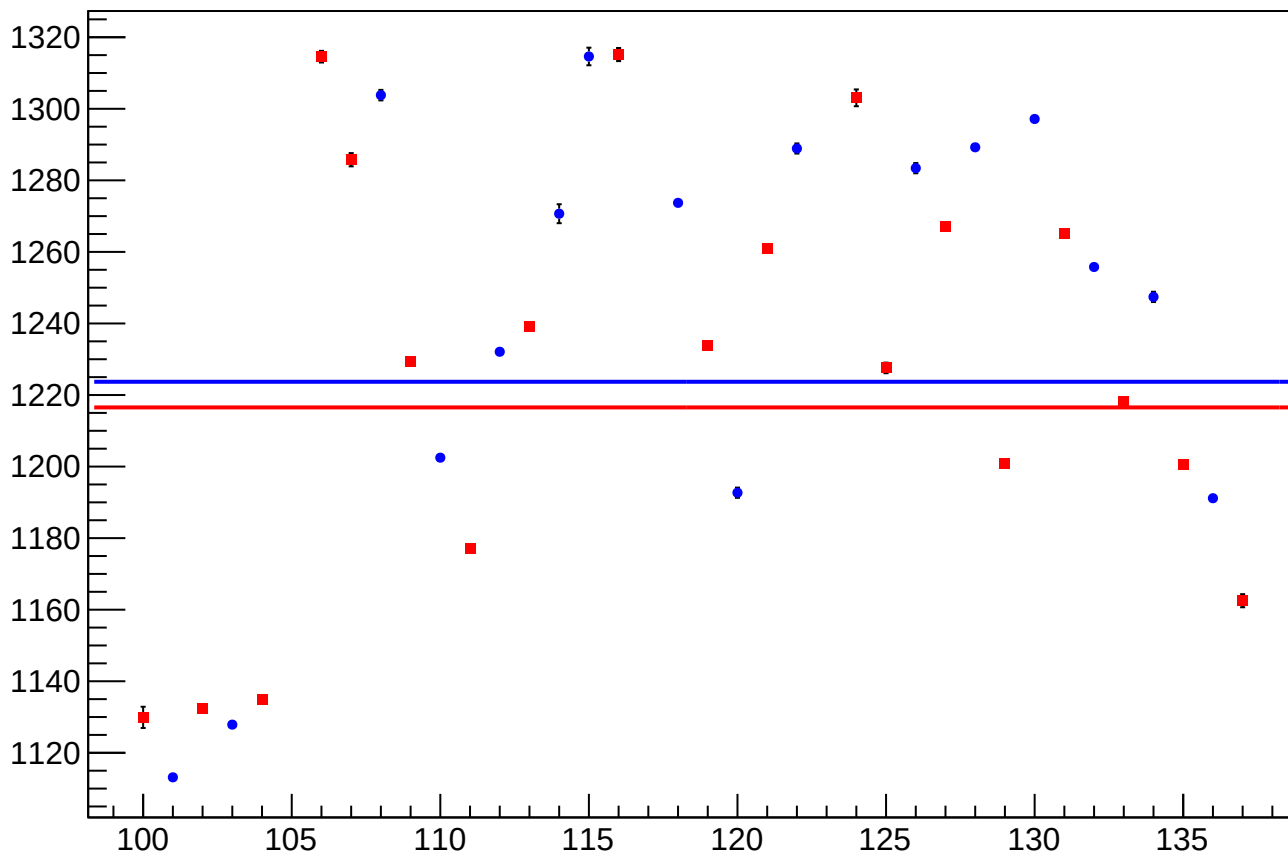
Right: -23.008 $\pm$ 0.318 χ^2 /NDF: 7638.0/34

In: -15.878 $\pm$ 0.455 χ^2 /NDF:3477.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.008 $\pm$ 0.318 χ^2 /NDF: 7638.0/34

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1223.702 $\pm$ 0.322 χ^2 /NDF: 40883.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1216.533 $\pm$ 0.314 χ^2 /NDF: 29381.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

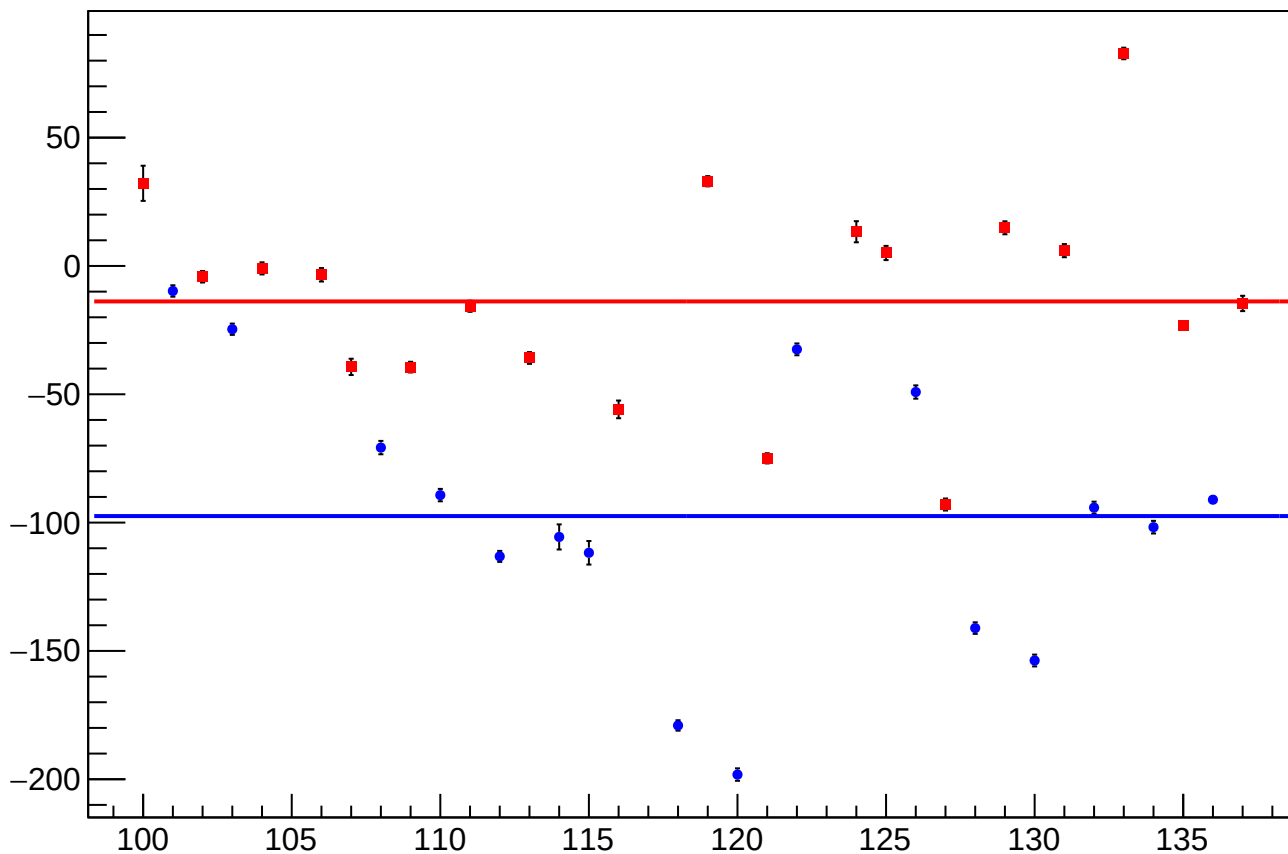
Right: 1220.031 $\pm$ 0.225 χ^2 /NDF: 70518.8/34

In: 1223.702 $\pm$ 0.322 χ^2 /NDF:40883.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1220.031 $\pm$ 0.225 χ^2 /NDF: 70518.8/34

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -97.455+/-0.579 χ^2/NDF : 8300.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.816+/-0.566 χ^2/NDF : 5352.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

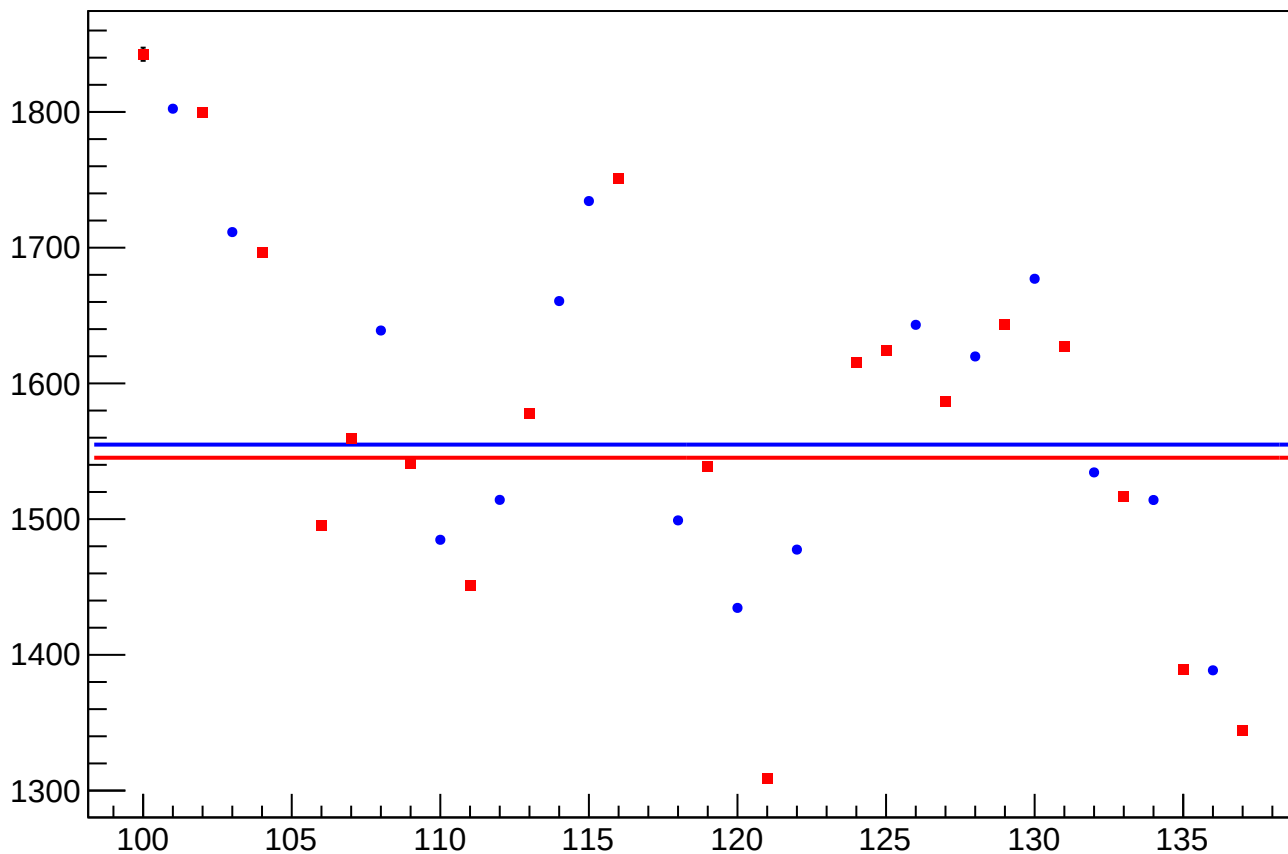
Right: -54.632+/-0.405 χ^2/NDF : 24320.8/34

In: -97.455+/-0.579 χ^2/NDF : 8300.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -54.632+/-0.405 χ^2/NDF : 24320.8/34

diff_bpm0i02aX_rms vs Slug, Sign Corrected



Right In: 1554.908+/-0.410 χ^2/NDF : 87920.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1545.239+/-0.400 χ^2/NDF : 108789.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

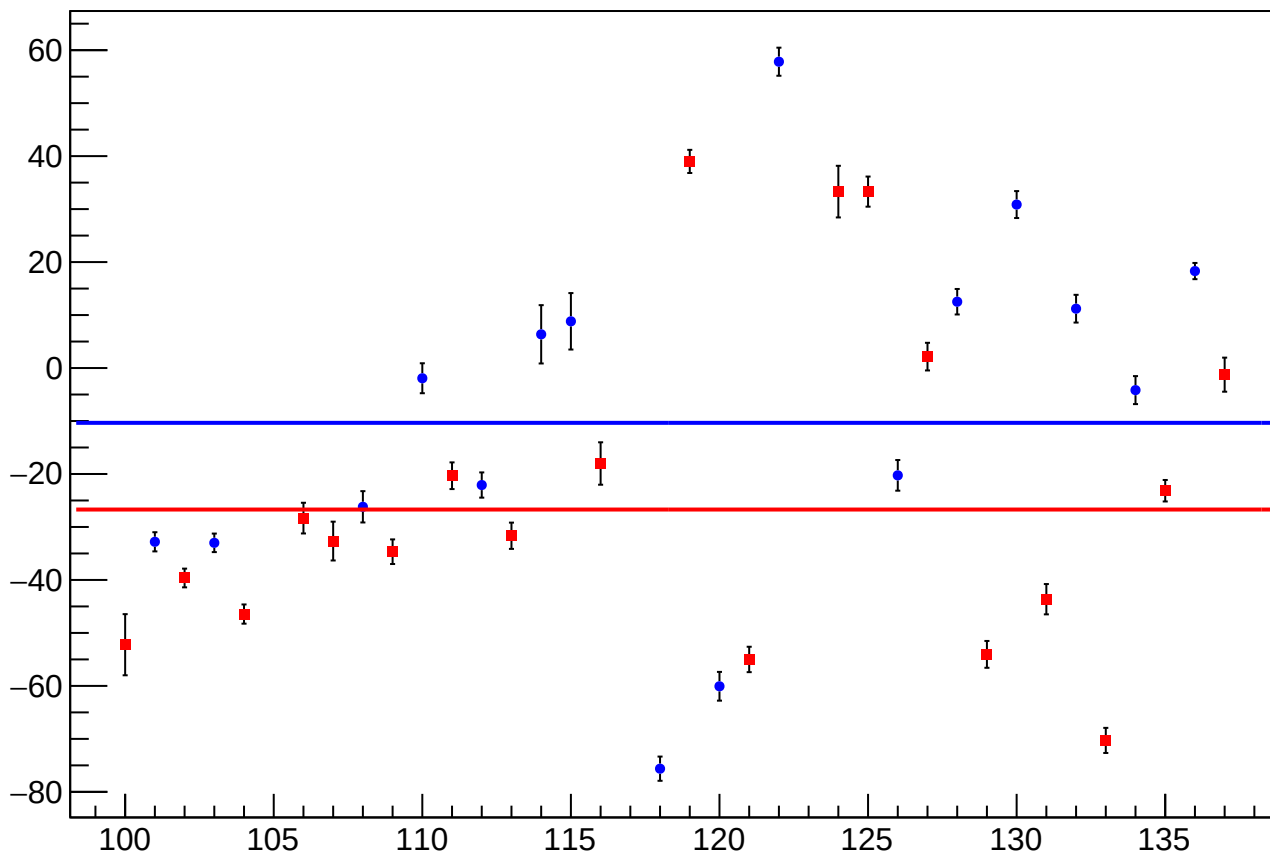
Right: 1549.957+/-0.286 χ^2/NDF : 196994.7/34

In: 1554.908+/-0.410 χ^2/NDF : 87920.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1549.957+/-0.286 χ^2/NDF : 196994.7/34

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -10.345+/-0.603 χ^2/NDF : 3007.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -26.709+/-0.586 χ^2/NDF : 2540.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

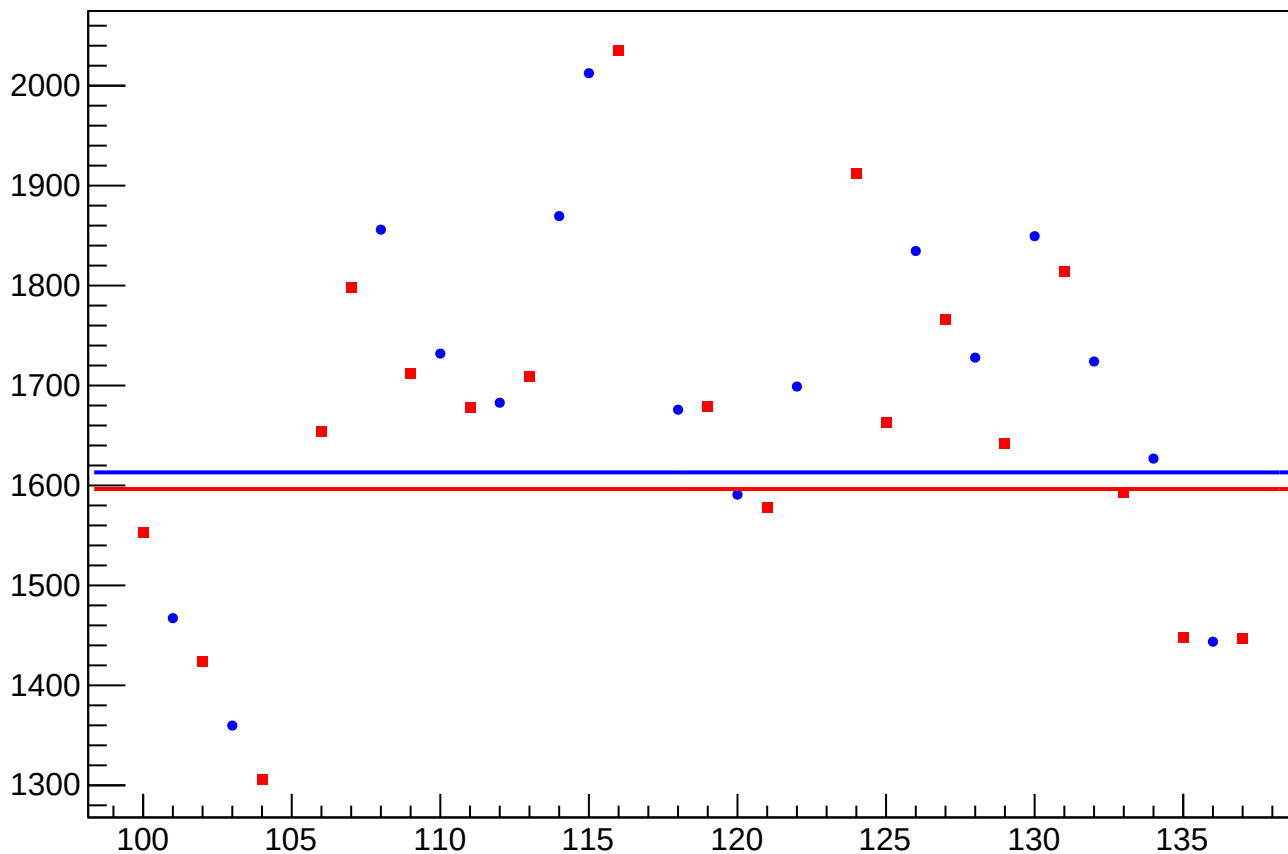
Right: -18.758+/-0.420 χ^2/NDF : 5926.2/34

In: -10.345+/-0.603 χ^2/NDF :3007.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -18.758+/-0.420 χ^2/NDF : 5926.2/34

diff_bpm0i02aY_rms vs Slug, Sign Corrected



Right In: 1613.094+/-0.426 χ^2/NDF : 154710.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1596.442+/-0.415 χ^2/NDF : 160714.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

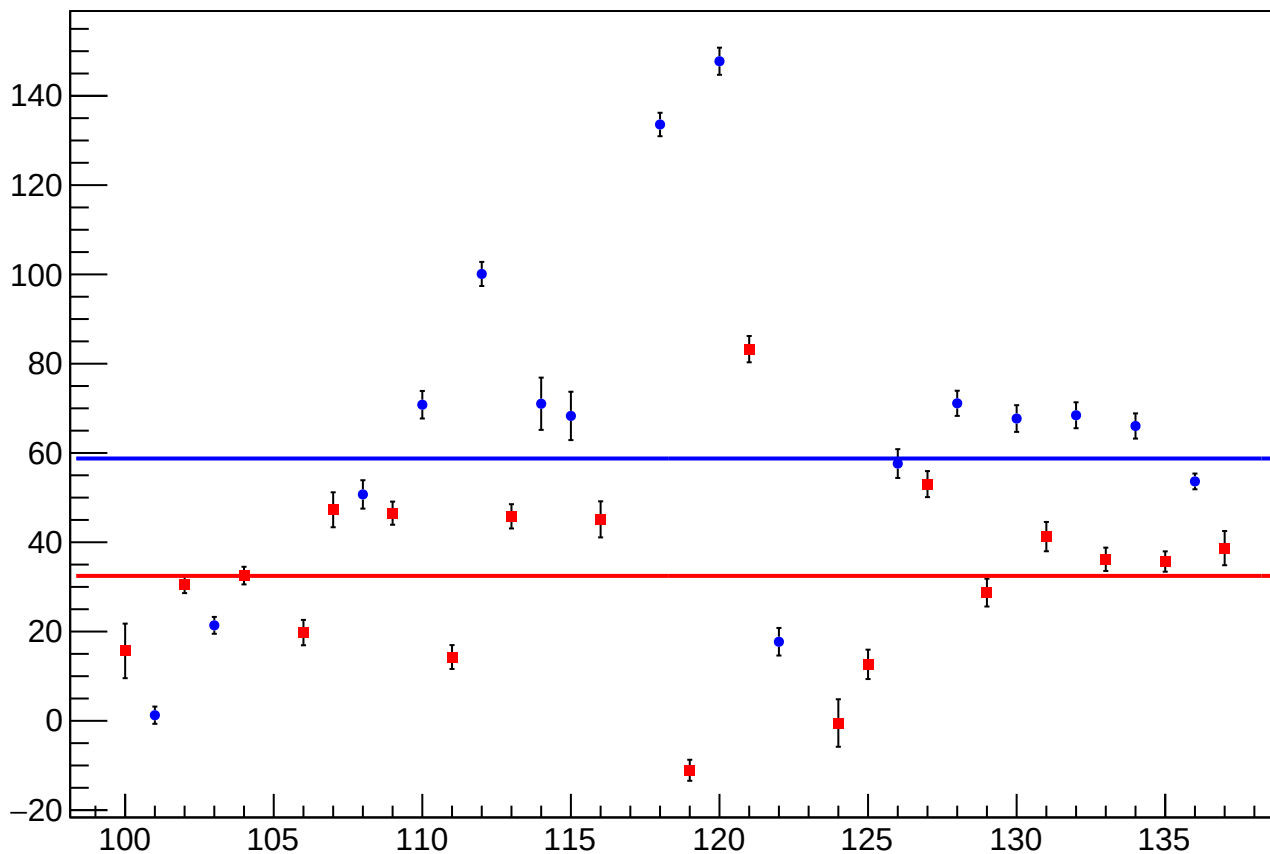
Right: 1604.533+/-0.297 χ^2/NDF : 316209.2/34

In: 1613.094+/-0.426 χ^2/NDF : 154710.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1604.533+/-0.297 χ^2/NDF : 316209.2/34

diff_bpm0i05X_mean vs Slug, Sign Corrected



Right In: 58.761+/-0.672 χ^2/NDF : 3443.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.467+/-0.648 χ^2/NDF : 930.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

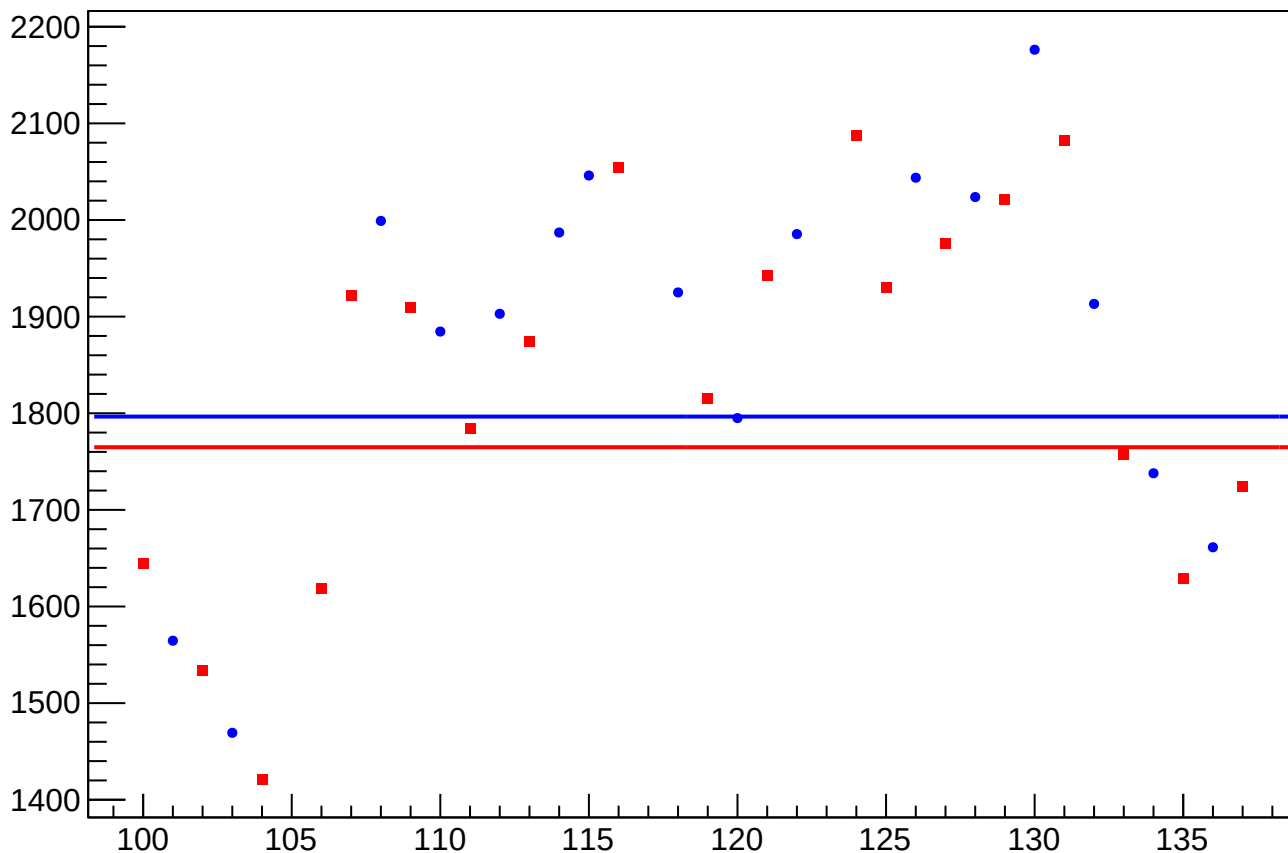
Right: 45.136+/-0.467 χ^2/NDF : 5166.5/34

In: 58.761+/-0.672 χ^2/NDF : 3443.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.136+/-0.467 χ^2/NDF : 5166.5/34

diff_bpm0i05X_rms vs Slug, Sign Corrected



Right In: 1796.555+/-0.475 χ^2/NDF : 193171.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1764.860+/-0.459 χ^2/NDF : 189987.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

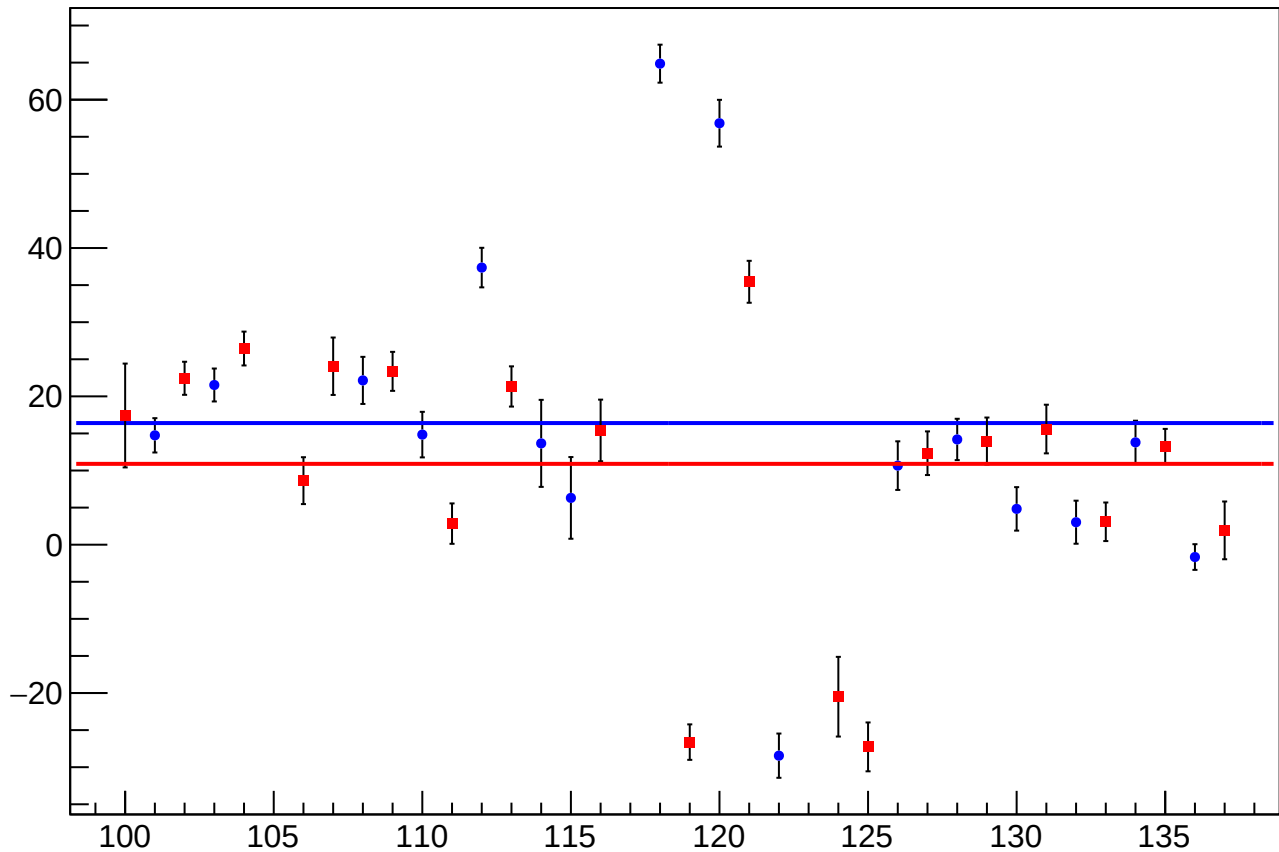
Right: 1780.131+/-0.330 χ^2/NDF : 385462.0/34

In: 1796.555+/-0.475 χ^2/NDF : 193171.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.131+/-0.330 χ^2/NDF : 385462.0/34

diff_bpm0i05Y_mean vs Slug, Sign Corrected



Right In: 16.400+/-0.695 χ^2/NDF : 973.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.899+/-0.676 χ^2/NDF : 641.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

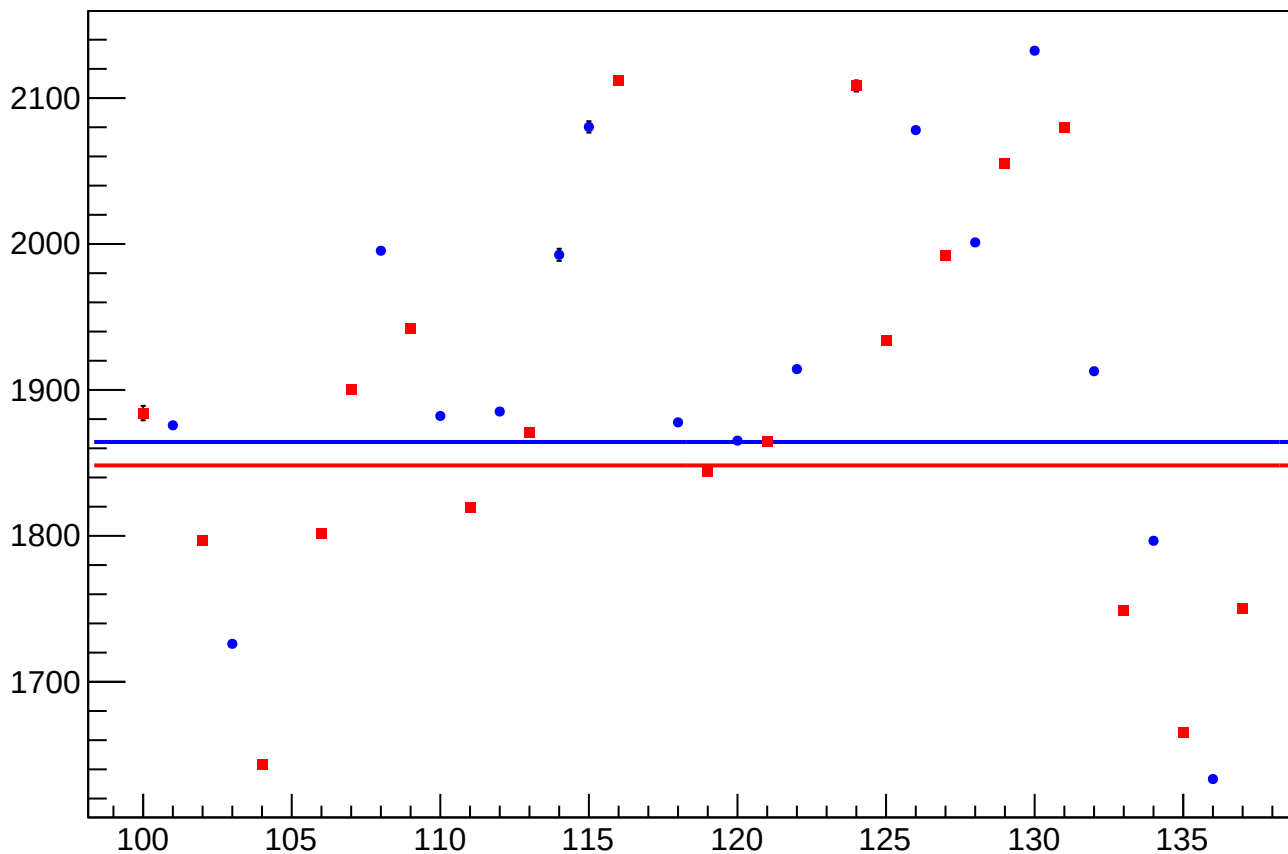
Right: 13.575+/-0.485 χ^2/NDF : 1646.8/34

In: 16.400+/-0.695 χ^2/NDF : 973.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.575+/-0.485 χ^2/NDF : 1646.8/34

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1864.335 $\pm$ 0.491 χ^2 /NDF: 83311.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1848.284 $\pm$ 0.478 χ^2 /NDF: 74956.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

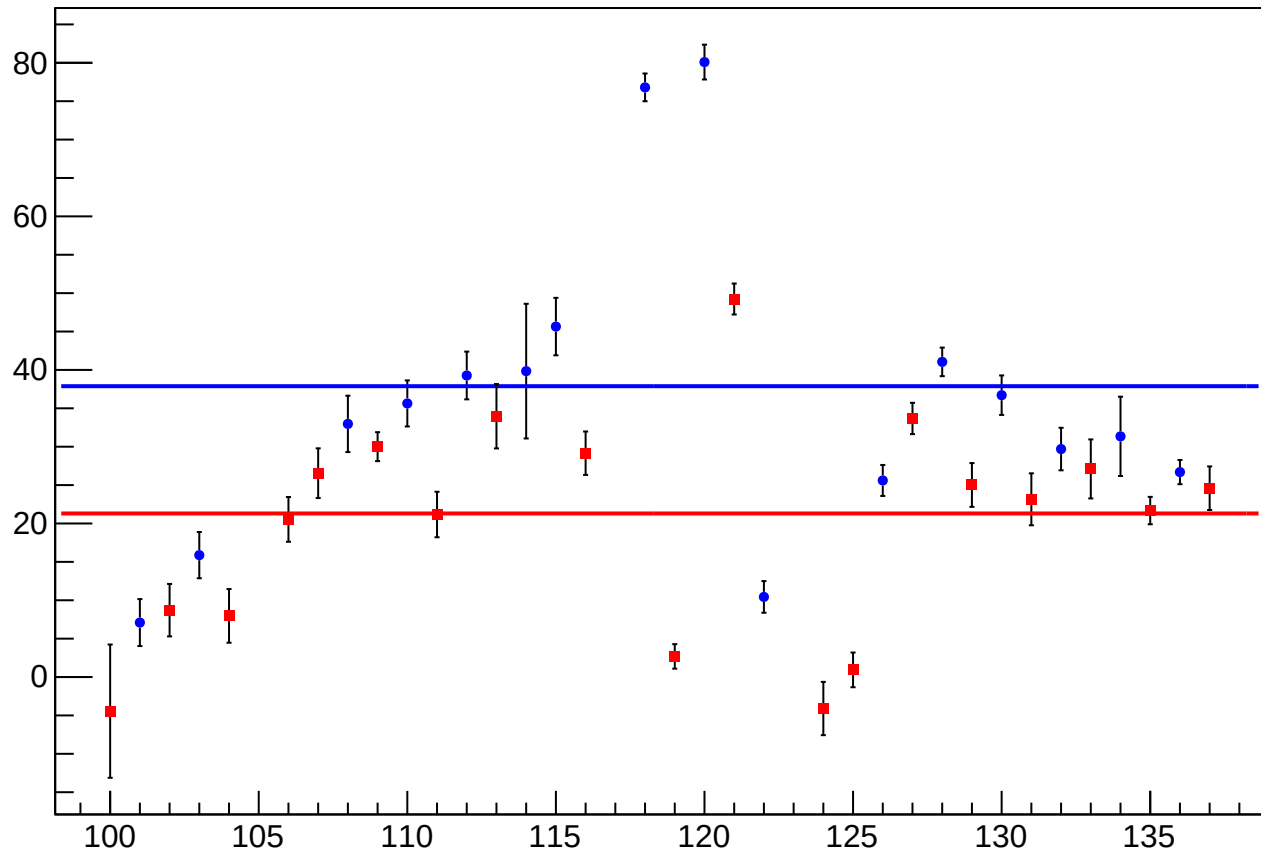
Right: 1856.091 $\pm$ 0.343 χ^2 /NDF: 158816.4/34

In: 1864.335 $\pm$ 0.491 χ^2 /NDF: 83311.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1856.091 $\pm$ 0.343 χ^2 /NDF: 158816.4/34

diff_bpm0i07X_mean vs Slug, Sign Corrected



Right In: 37.880 $\pm$ 0.622 χ^2 /NDF: 1249.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.306 $\pm$ 0.593 χ^2 /NDF: 582.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

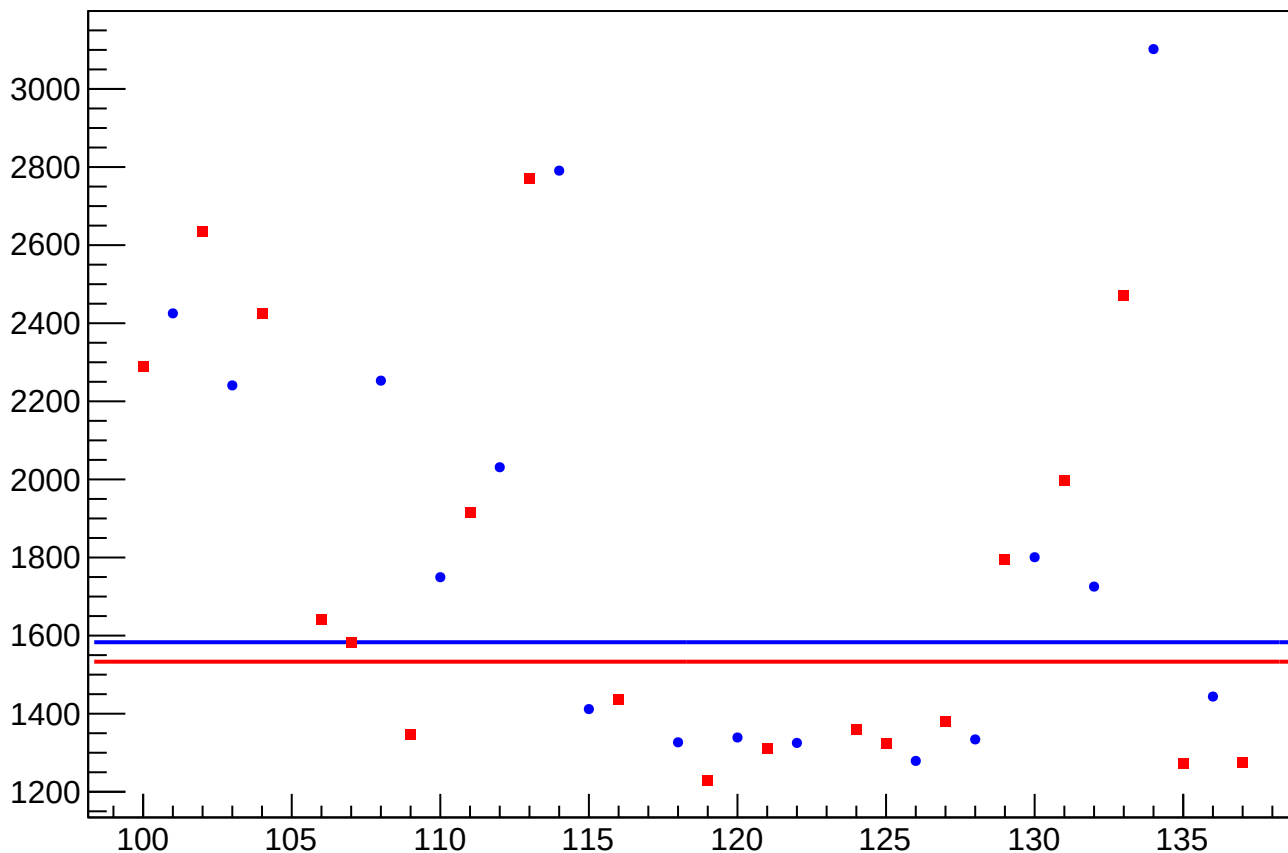
Right: 29.192 $\pm$ 0.429 χ^2 /NDF: 2204.2/34

In: 37.880 $\pm$ 0.622 χ^2 /NDF:1249.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 29.192 $\pm$ 0.429 χ^2 /NDF: 2204.2/34

diff_bpm0i07X_rms vs Slug, Sign Corrected



Right In: 1583.050+/-0.440 χ^2/NDF : 787672.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1533.190+/-0.419 χ^2/NDF : 950777.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

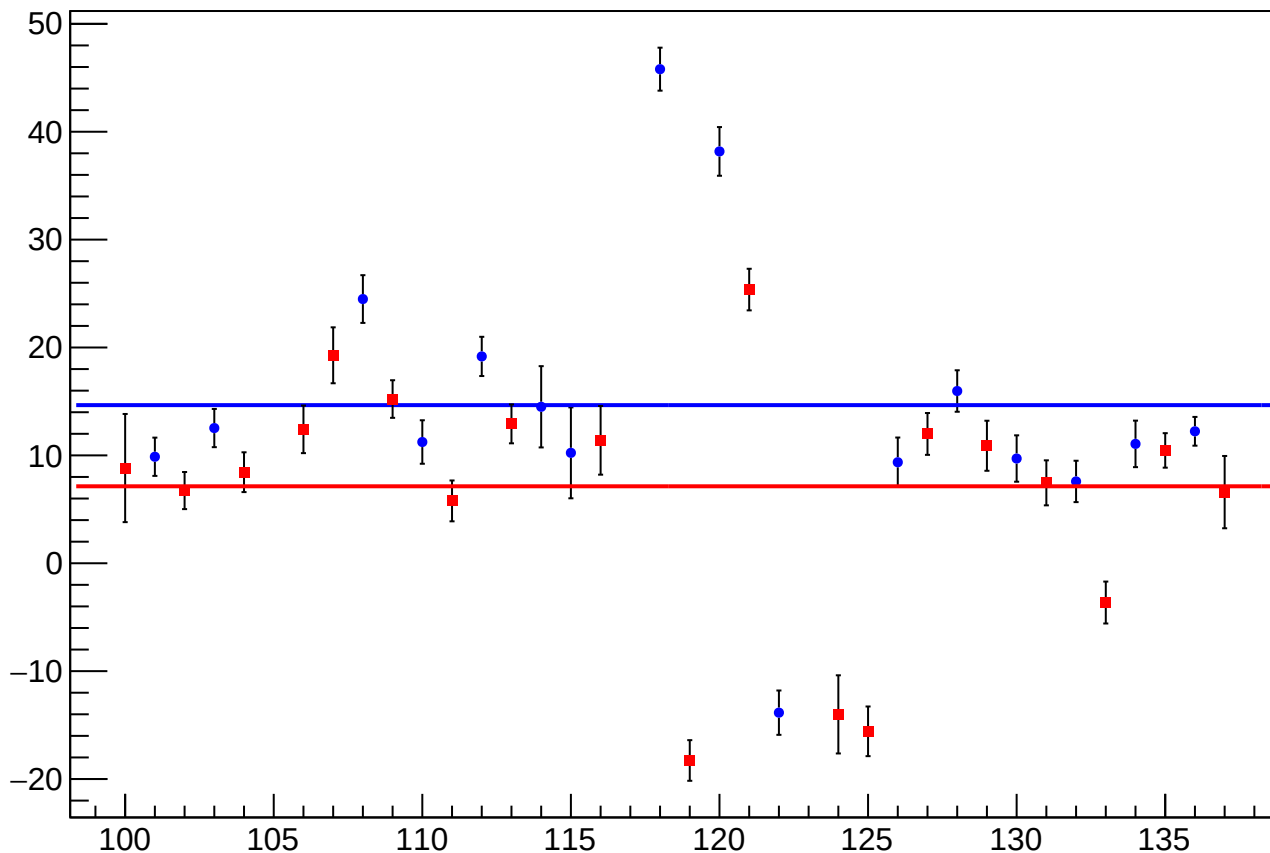
Right: 1556.913+/-0.304 χ^2/NDF : 1745178.6/34

In: 1583.050+/-0.440 χ^2/NDF : 787672.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.913+/-0.304 χ^2/NDF : 1745178.6/34

diff_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 14.658+/-0.504 χ^2/NDF : 614.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.135+/-0.483 χ^2/NDF : 509.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

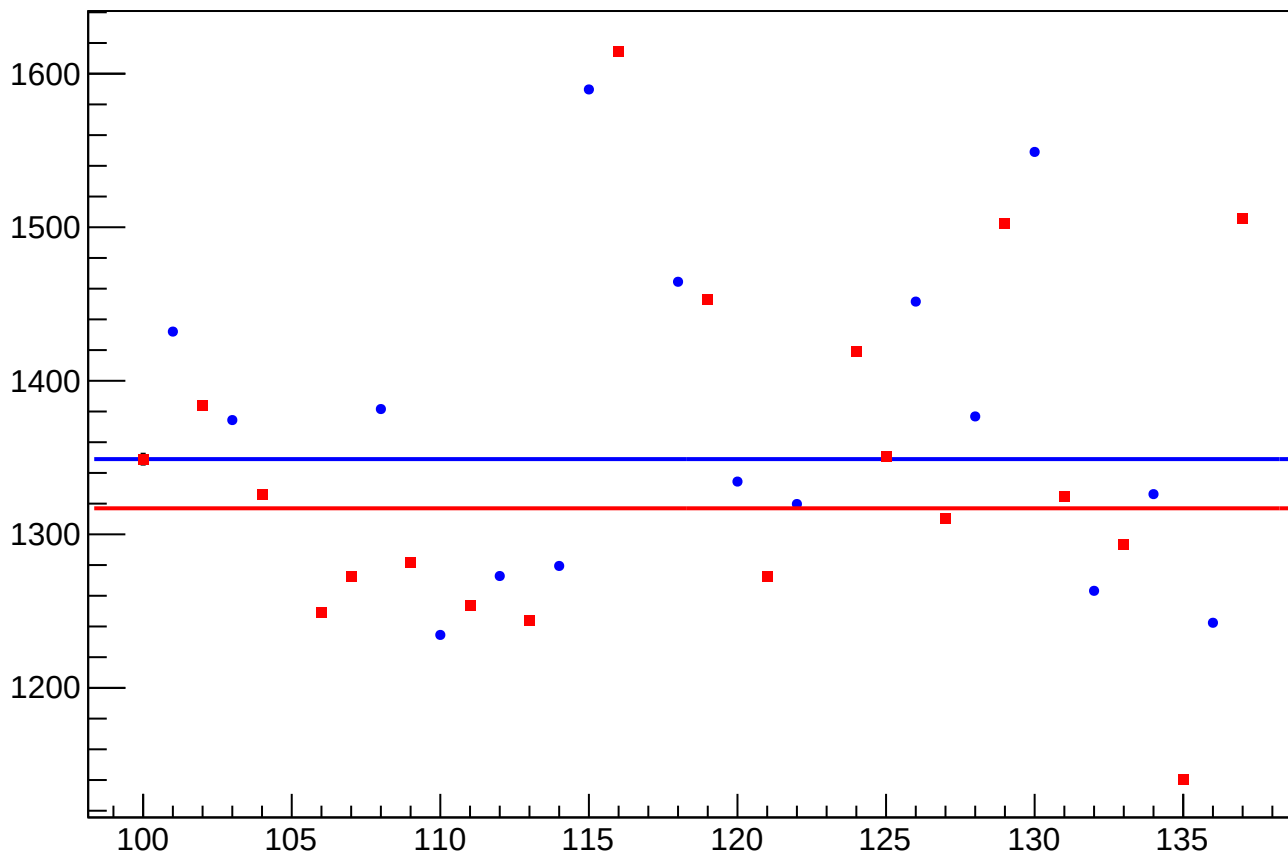
Right: 10.734+/-0.349 χ^2/NDF : 1240.2/34

In: 14.658+/-0.504 χ^2/NDF : 614.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.734+/-0.349 χ^2/NDF : 1240.2/34

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1349.000 $\pm$ 0.357 χ^2 /NDF: 68383.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1316.961 $\pm$ 0.342 χ^2 /NDF: 86873.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

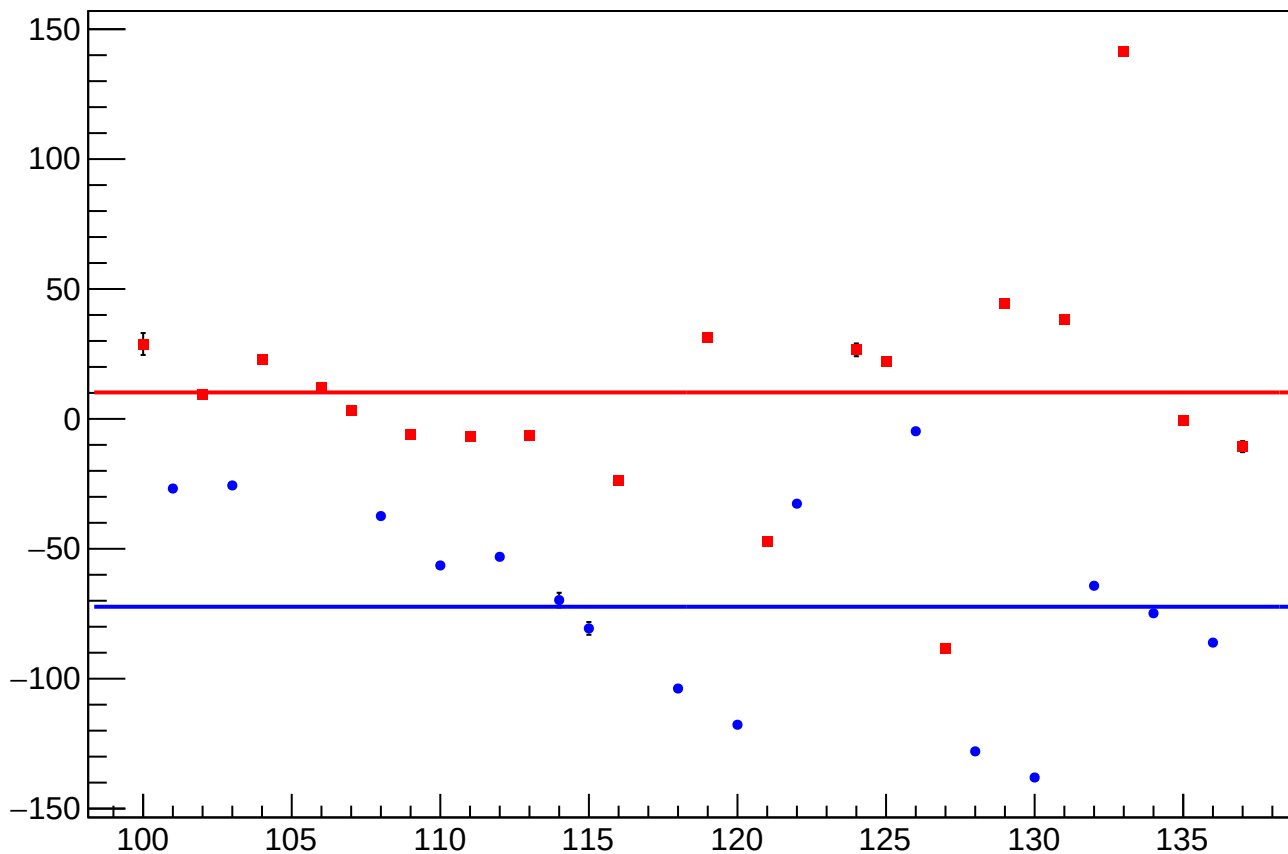
Right: 1332.289 $\pm$ 0.247 χ^2 /NDF: 159464.7/34

In: 1349.000 $\pm$ 0.357 χ^2 /NDF:68383.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1332.289 $\pm$ 0.247 χ^2 /NDF: 159464.7/34

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -72.304 $\pm$ 0.349 χ^2 /NDF: 12153.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.188 $\pm$ 0.345 χ^2 /NDF: 19045.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

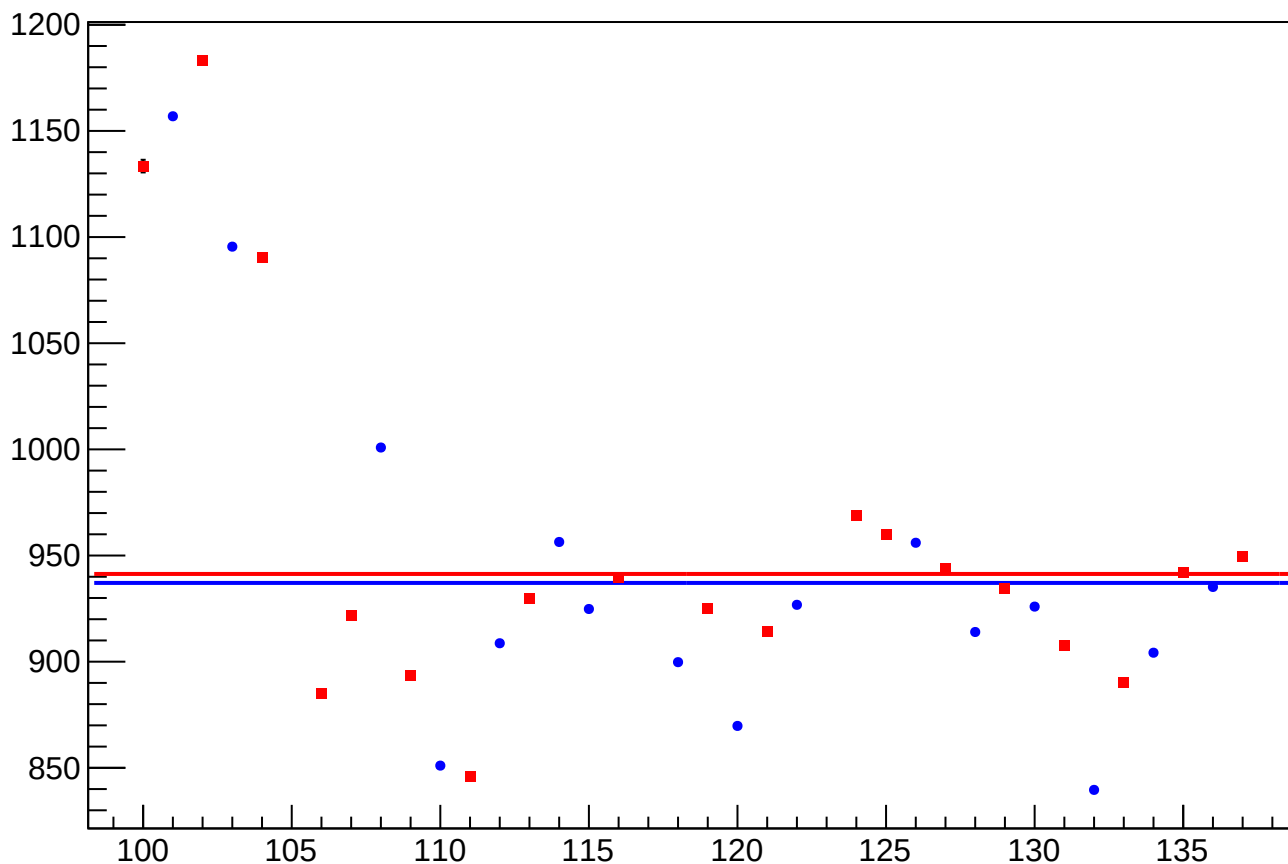
Right: -30.473 $\pm$ 0.245 χ^2 /NDF: 59456.9/34

In: -72.304 $\pm$ 0.349 χ^2 /NDF:12153.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.473 $\pm$ 0.245 χ^2 /NDF: 59456.9/34

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.097+/-0.247 χ^2/NDF : 104660.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 941.323+/-0.244 χ^2/NDF : 101031.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

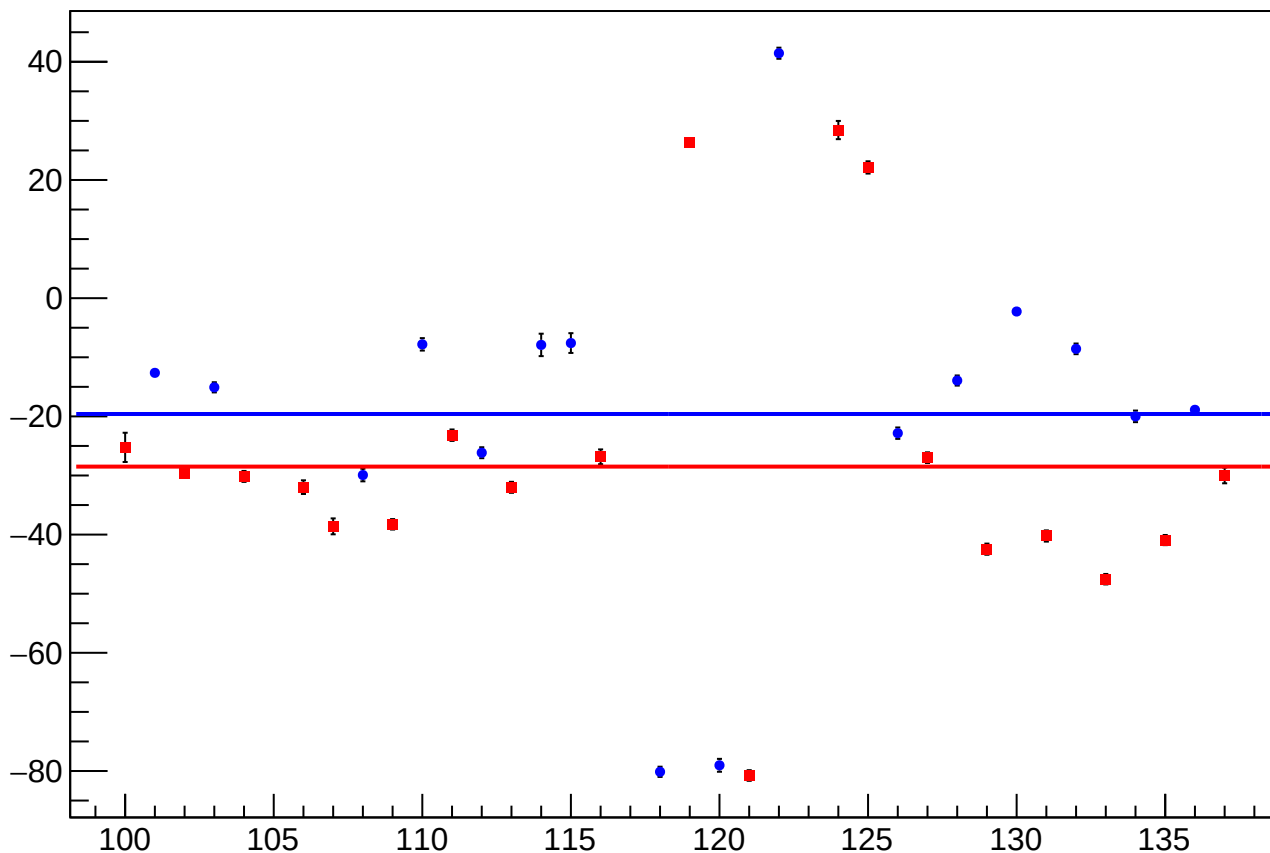
Right: 939.240+/-0.173 χ^2/NDF : 205839.9/34

In: 937.097+/-0.247 χ^2/NDF : 104660.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.240+/-0.173 χ^2/NDF : 205839.9/34

diff_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: -19.597 ± 0.234 χ^2/NDF : 13170.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.496 ± 0.230 χ^2/NDF : 12971.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

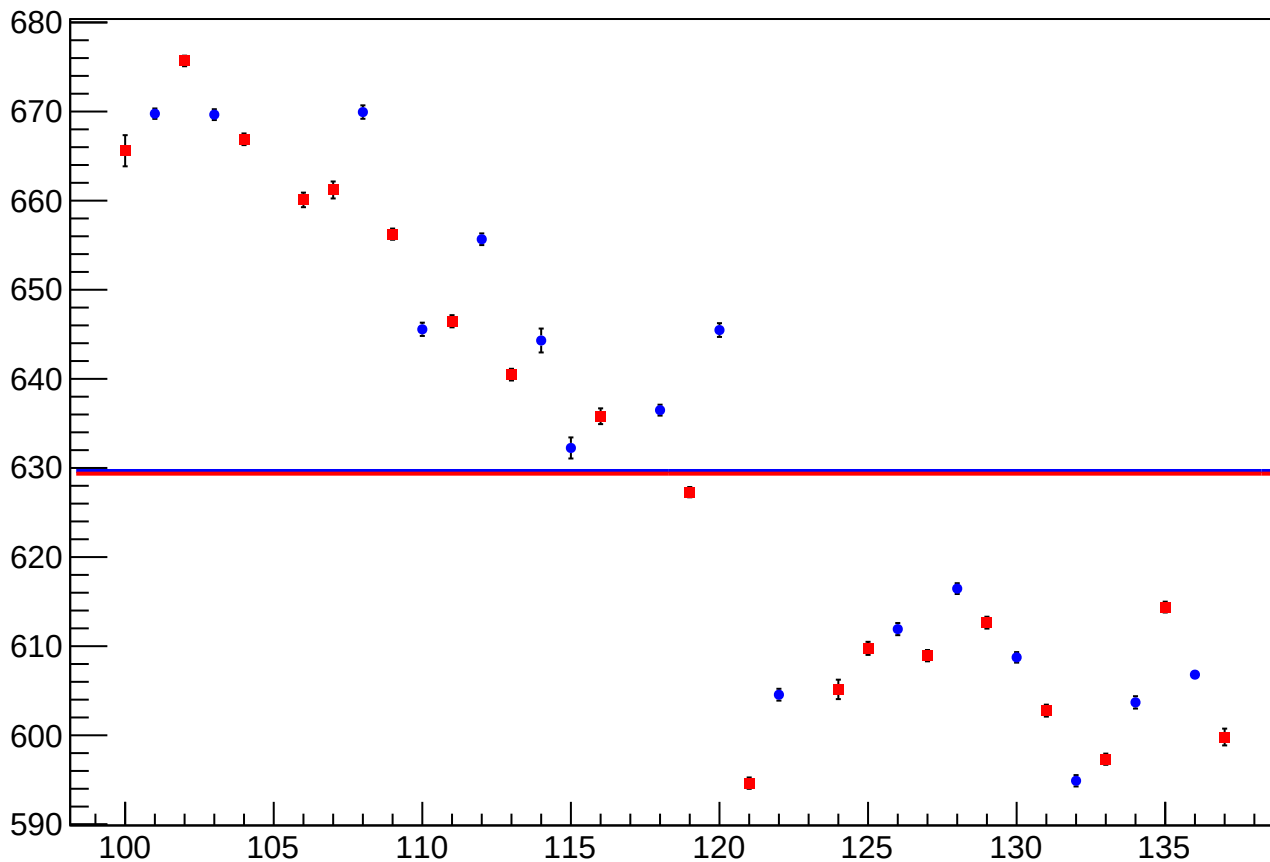
Right: -24.130 ± 0.164 χ^2/NDF : 26877.8/34

In: -19.597 ± 0.234 χ^2/NDF : 13170.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.130 ± 0.164 χ^2/NDF : 26877.8/34

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 629.660 $\pm$ 0.166 χ^2 /NDF: 25315.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 629.361 $\pm$ 0.162 χ^2 /NDF: 26791.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

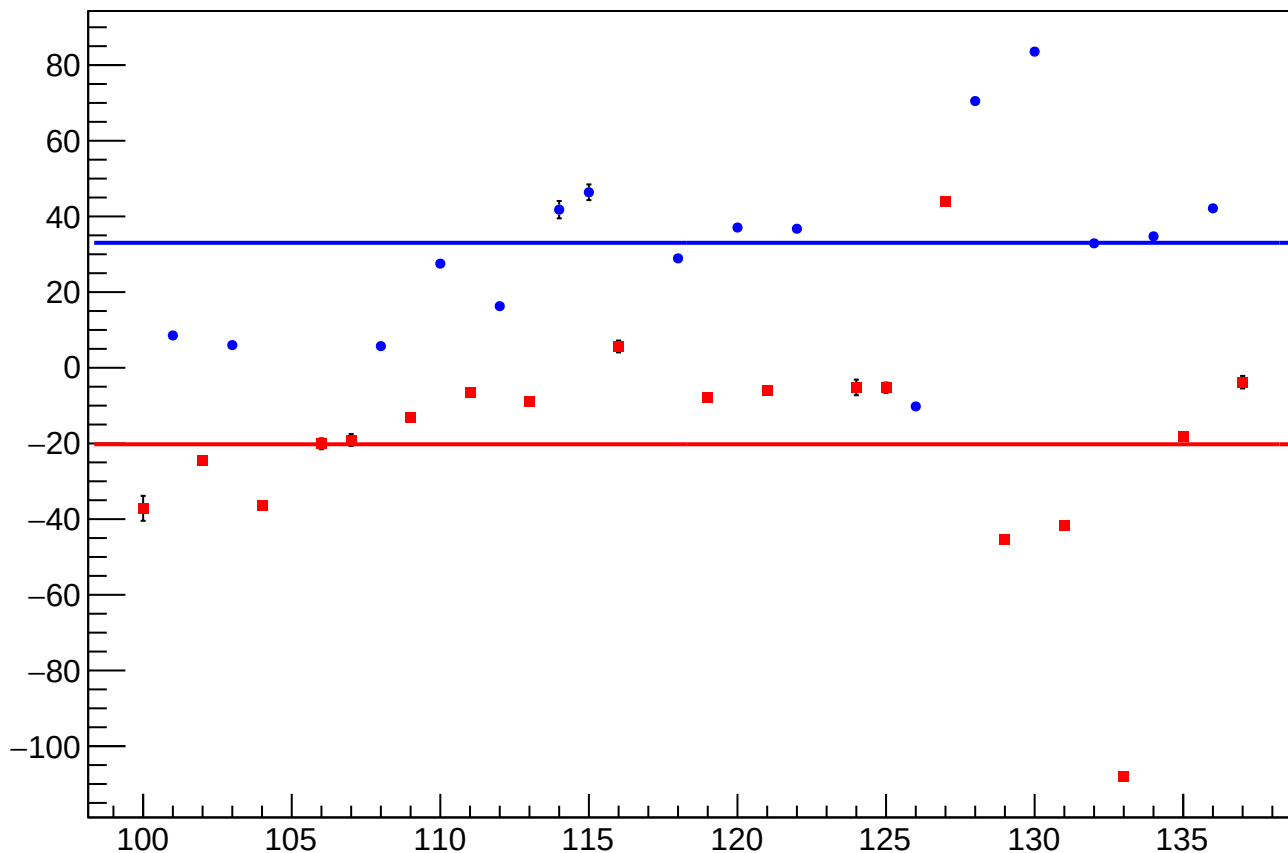
Right: 629.508 $\pm$ 0.116 χ^2 /NDF: 52108.4/34

In: 629.660 $\pm$ 0.166 χ^2 /NDF:25315.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 629.508 $\pm$ 0.116 χ^2 /NDF: 52108.4/34

diff_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 33.033+/-0.289 χ^2 /NDF: 6700.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -20.215+/-0.286 χ^2 /NDF: 11869.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

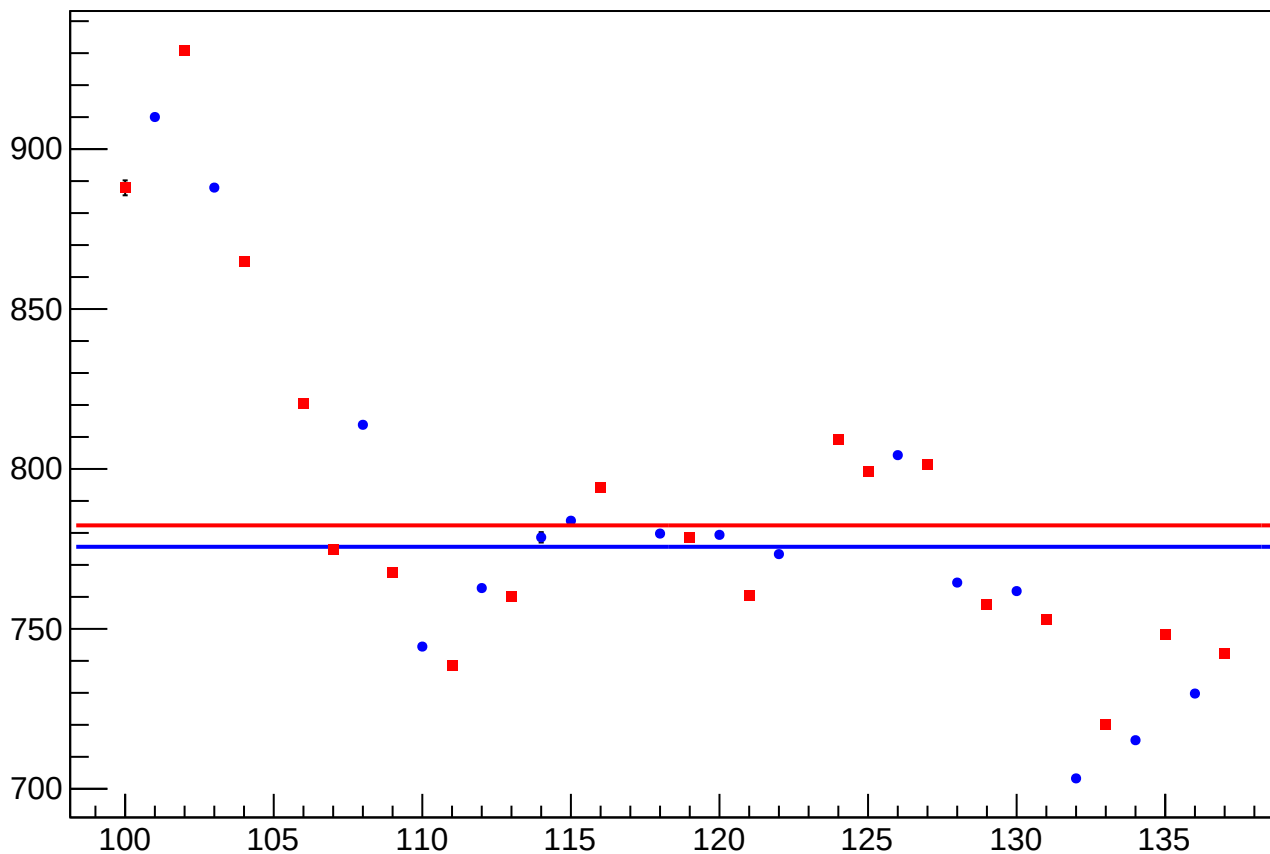
Right: 6.136+/-0.203 χ^2 /NDF: 35729.1/34

In: 33.033+/-0.289 χ^2 /NDF:6700.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 6.136+/-0.203 χ^2 /NDF: 35729.1/34

diff_bpm1i04X_rms vs Slug, Sign Corrected



Right In: 775.664 $\pm$ 0.204 χ^2 /NDF: 74660.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 782.358 $\pm$ 0.202 χ^2 /NDF: 64566.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

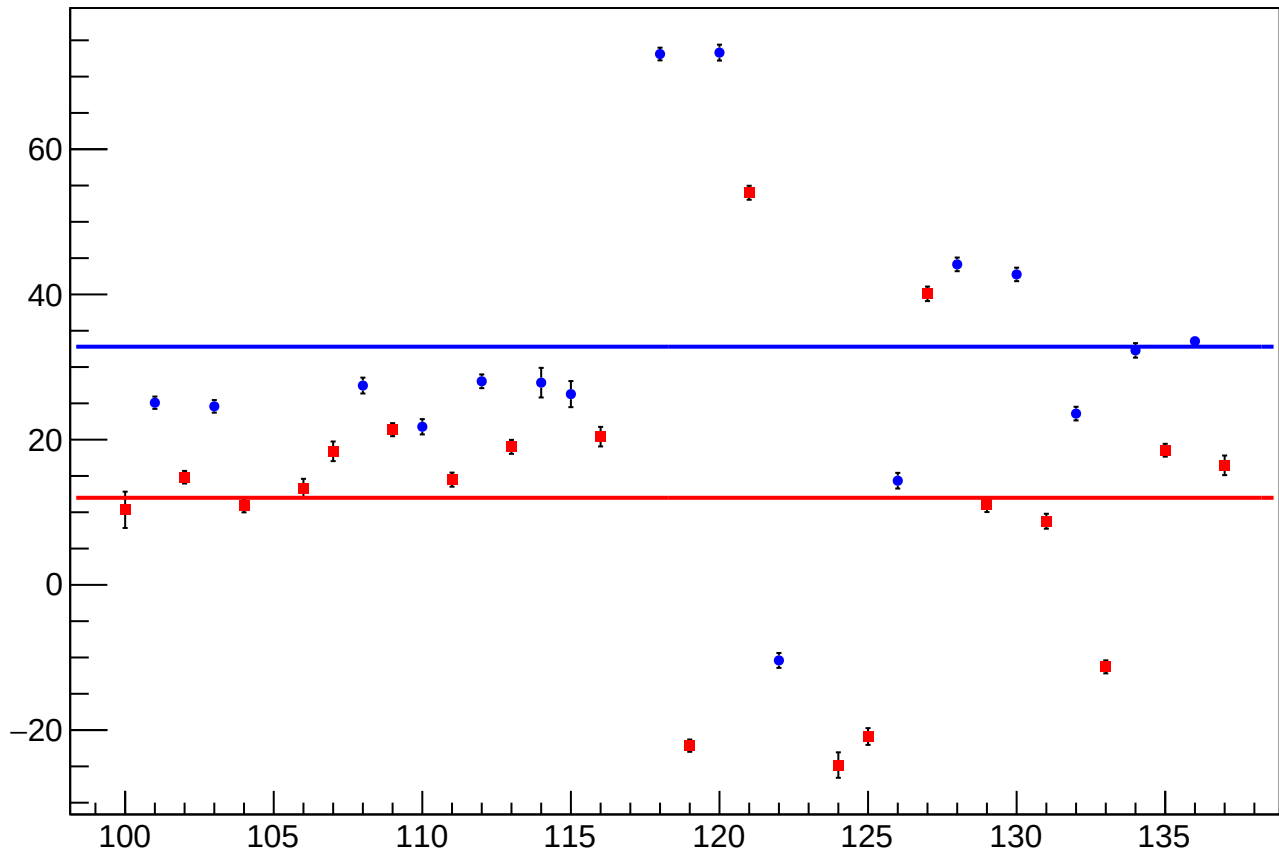
Right: 779.045 $\pm$ 0.144 χ^2 /NDF: 139768.7/34

In: 775.664 $\pm$ 0.204 χ^2 /NDF:74660.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 779.045 $\pm$ 0.144 χ^2 /NDF: 139768.7/34

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.804 $\pm$ 0.244 χ^2 /NDF: 6259.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.994 $\pm$ 0.241 χ^2 /NDF: 6559.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

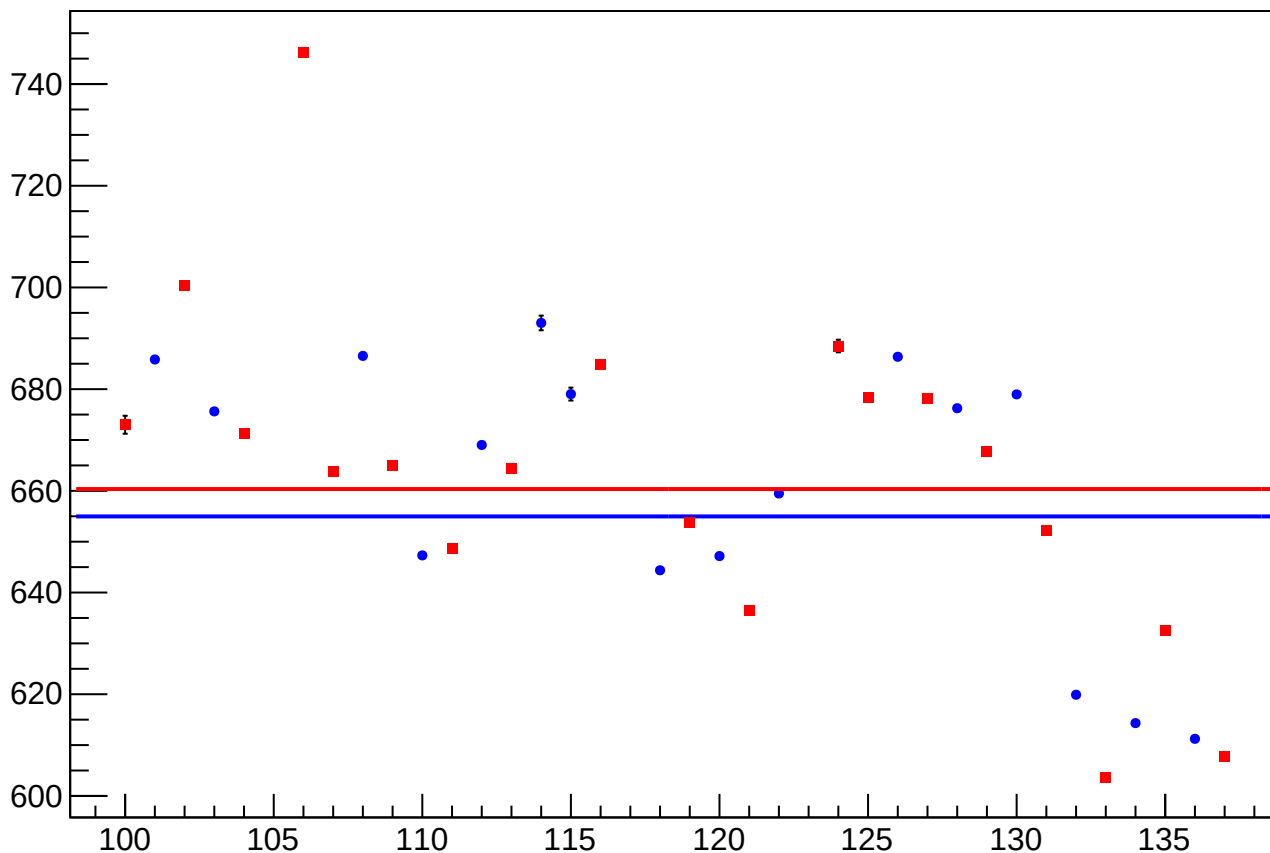
Right: 22.296 $\pm$ 0.171 χ^2 /NDF: 16506.5/34

In: 32.804 $\pm$ 0.244 χ^2 /NDF:6259.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.296 $\pm$ 0.171 χ^2 /NDF: 16506.5/34

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 654.970+/-0.172 χ^2/NDF : 26744.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 660.355+/-0.171 χ^2/NDF : 30417.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

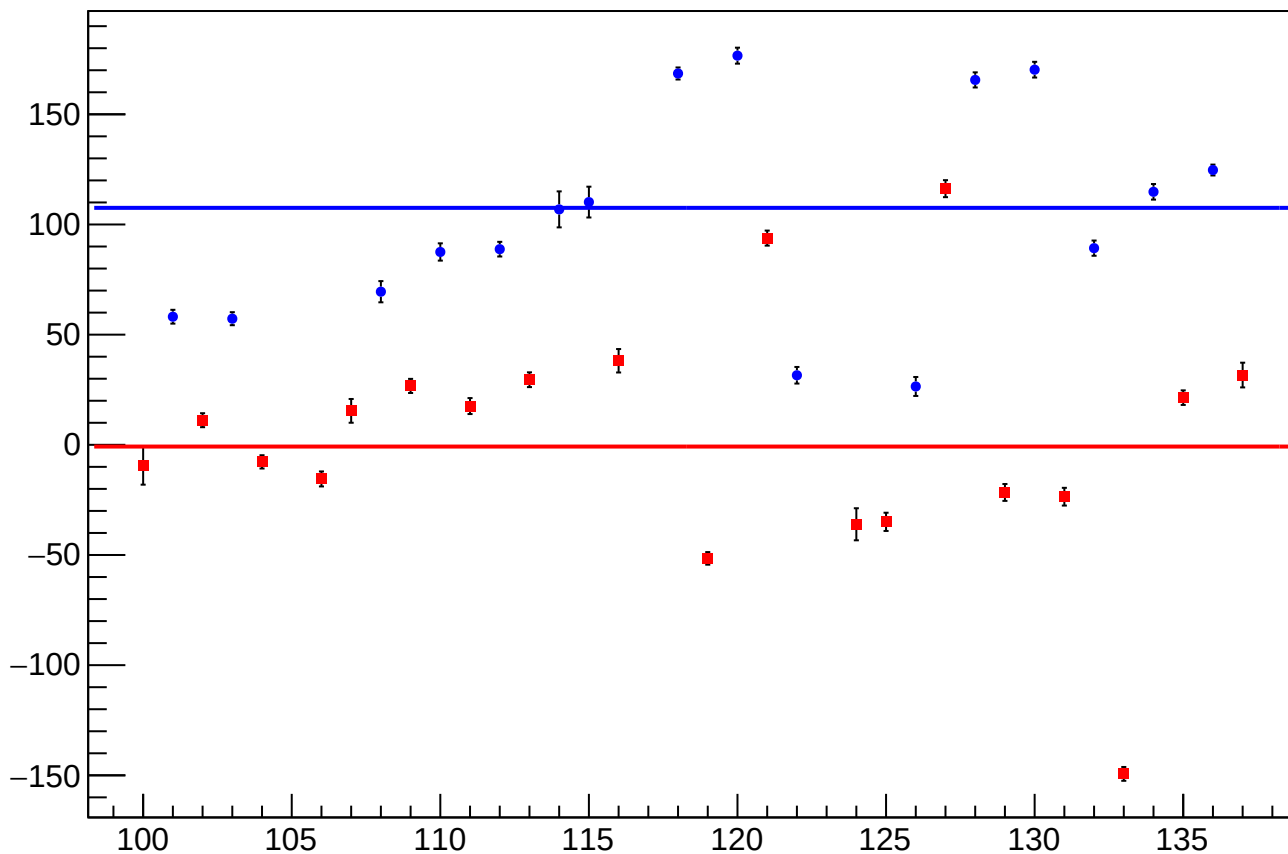
Right: 657.689+/-0.121 χ^2/NDF : 57655.9/34

In: 654.970+/-0.172 χ^2/NDF : 26744.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 657.689+/-0.121 χ^2/NDF : 57655.9/34

diff_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 107.548 $\pm$ 0.885 χ^2/NDF : 2955.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.788 $\pm$ 0.861 χ^2/NDF : 4763.9/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

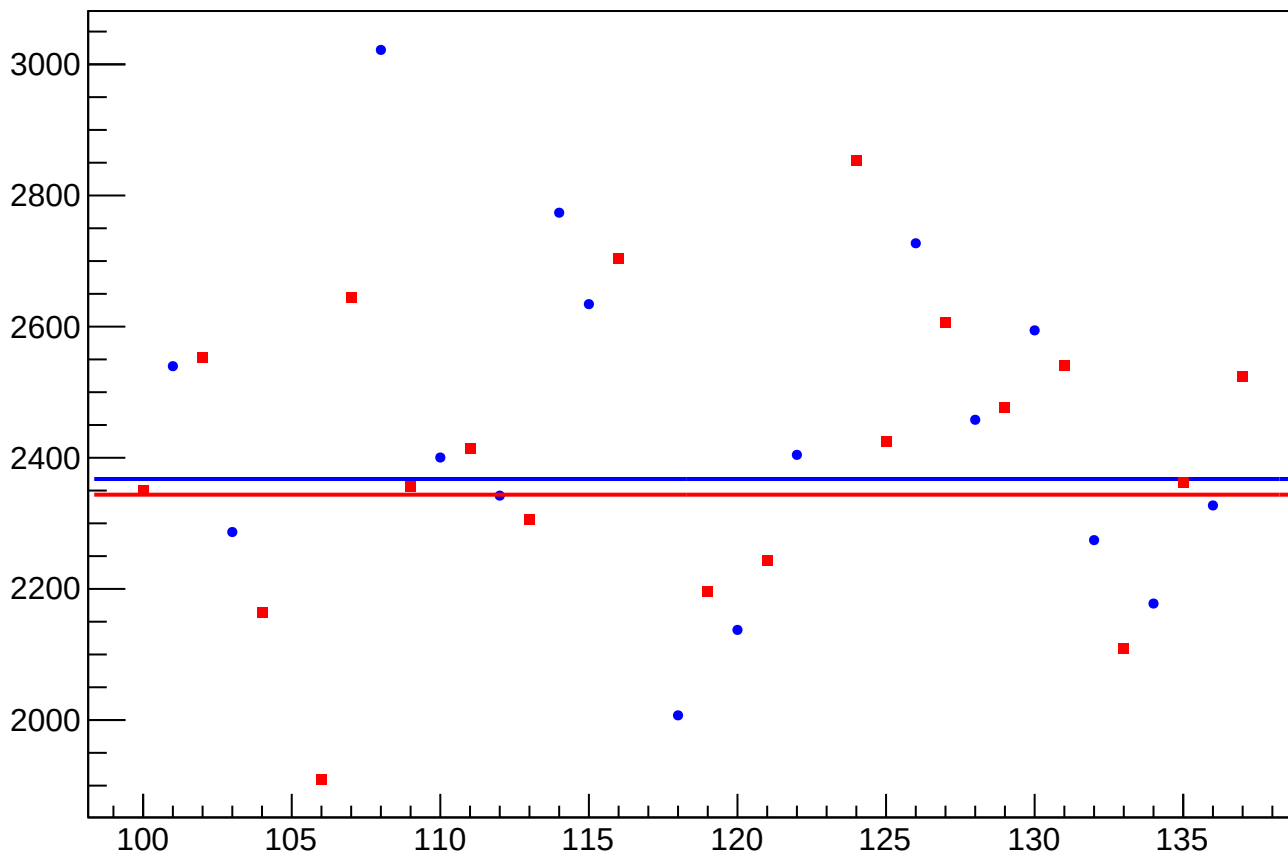
Right: 51.859 $\pm$ 0.617 χ^2/NDF : 15416.7/34

In: 107.548 $\pm$ 0.885 χ^2/NDF : 2955.8/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 51.859 $\pm$ 0.617 χ^2/NDF : 15416.7/34

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2367.633+/-0.626 χ^2/NDF : 126764.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2343.704+/-0.609 χ^2/NDF : 112274.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

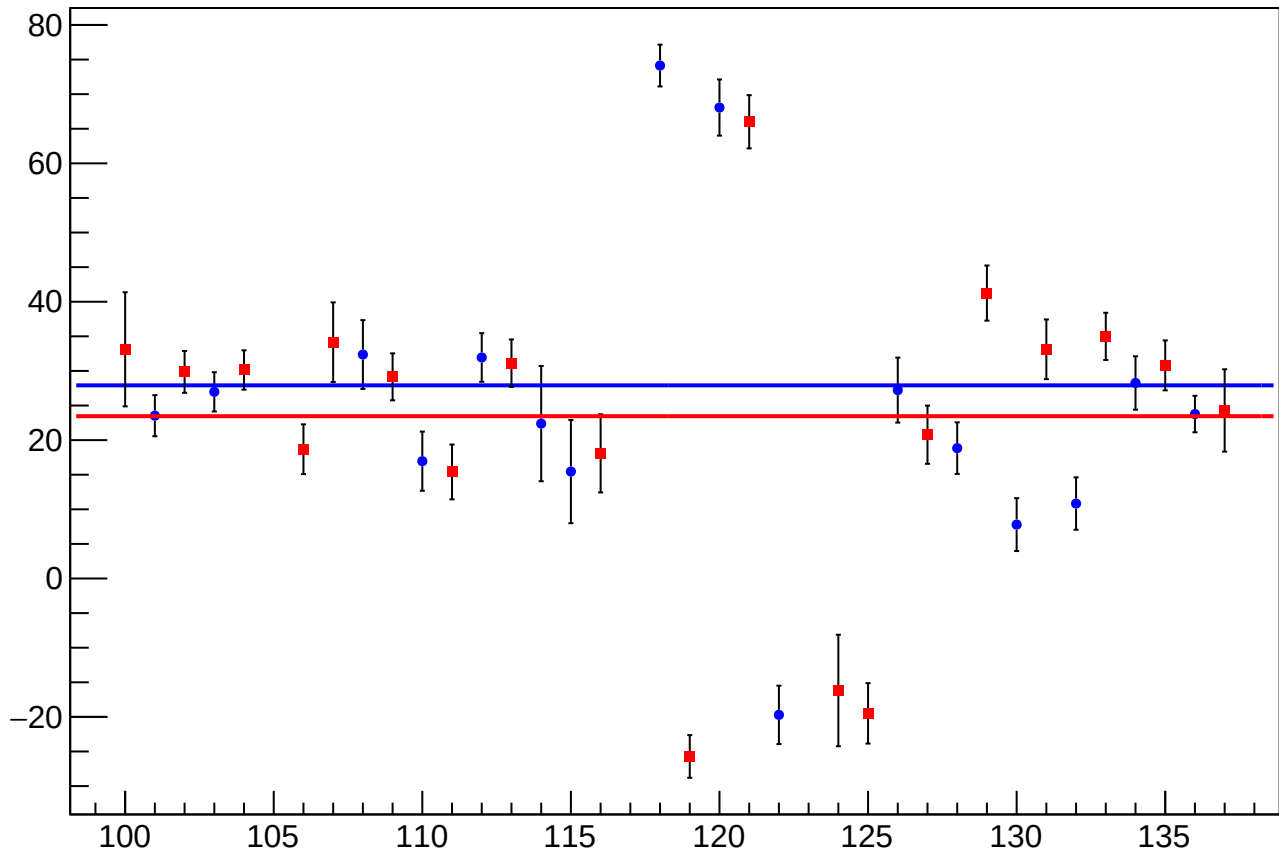
Right: 2355.333+/-0.436 χ^2/NDF : 239789.5/34

In: 2367.633+/-0.626 χ^2/NDF : 126764.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.333+/-0.436 χ^2/NDF : 239789.5/34

diff_bpm1i06Y_mean vs Slug, Sign Corrected



Right In: 27.916+/-0.937 χ^2/NDF : 530.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.457+/-0.903 χ^2/NDF : 567.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

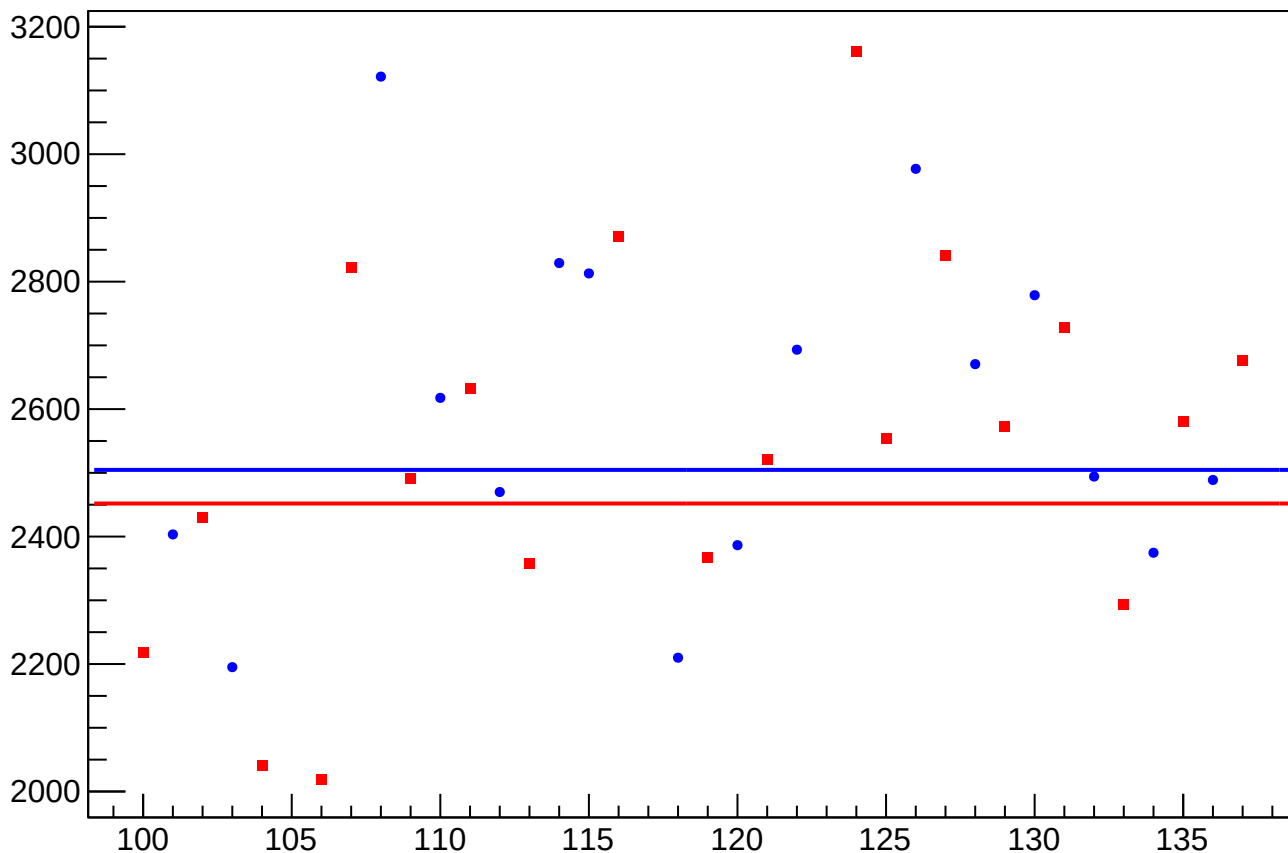
Right: 25.604+/-0.650 χ^2/NDF : 1110.3/34

In: 27.916+/-0.937 χ^2/NDF : 530.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.604+/-0.650 χ^2/NDF : 1110.3/34

diff_bpm1i06Y_rms vs Slug, Sign Corrected



Right In: 2504.654+/-0.662 χ^2/NDF : 126599.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2451.880+/-0.638 χ^2/NDF : 153237.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

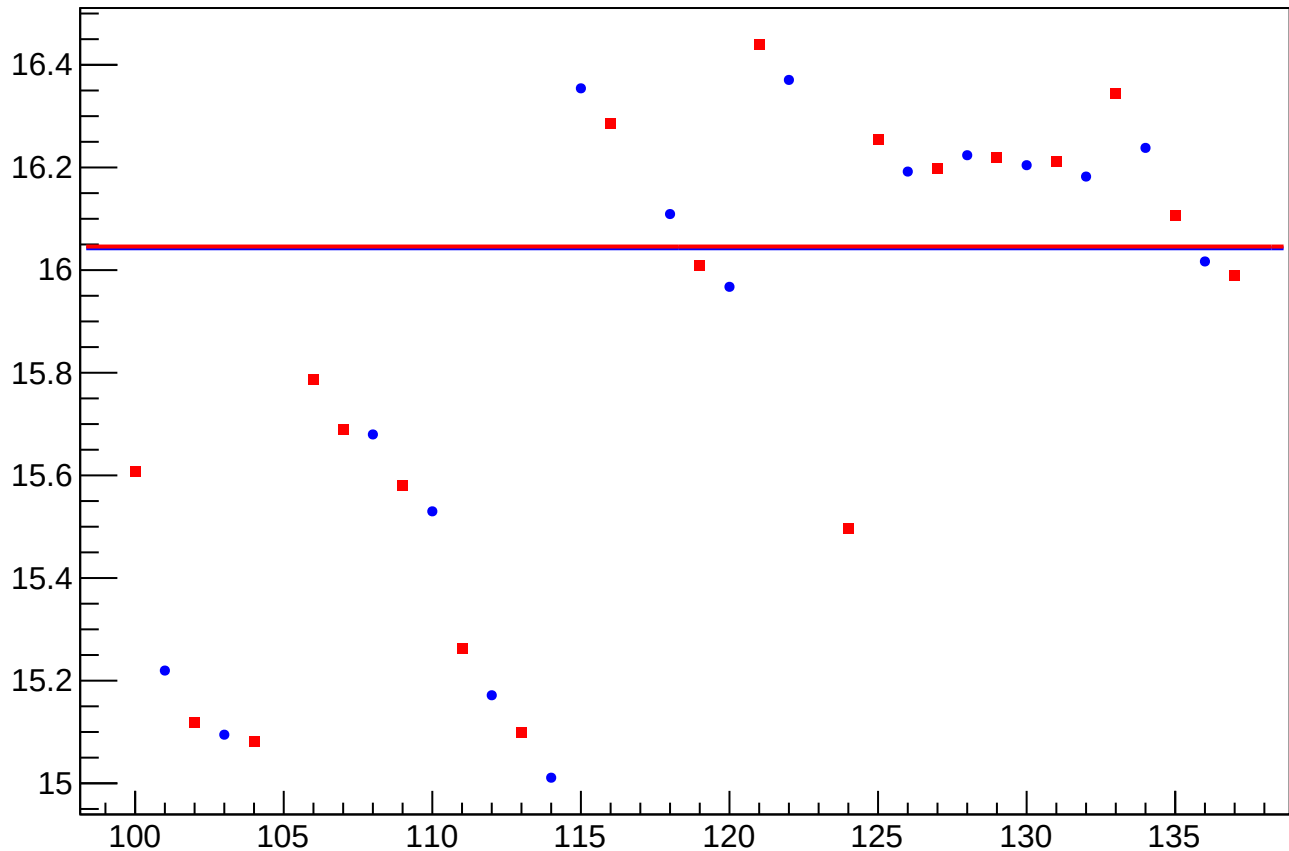
Right: 2477.287+/-0.460 χ^2/NDF : 283127.8/34

In: 2504.654+/-0.662 χ^2/NDF : 126599.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2477.287+/-0.460 χ^2/NDF : 283127.8/34

yield_sam1_mean vs Slug, Sign Corrected



Right In: 16.043+/-0.000 χ^2/NDF : 2840540588.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.046+/-0.000 χ^2/NDF : 3552158387.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

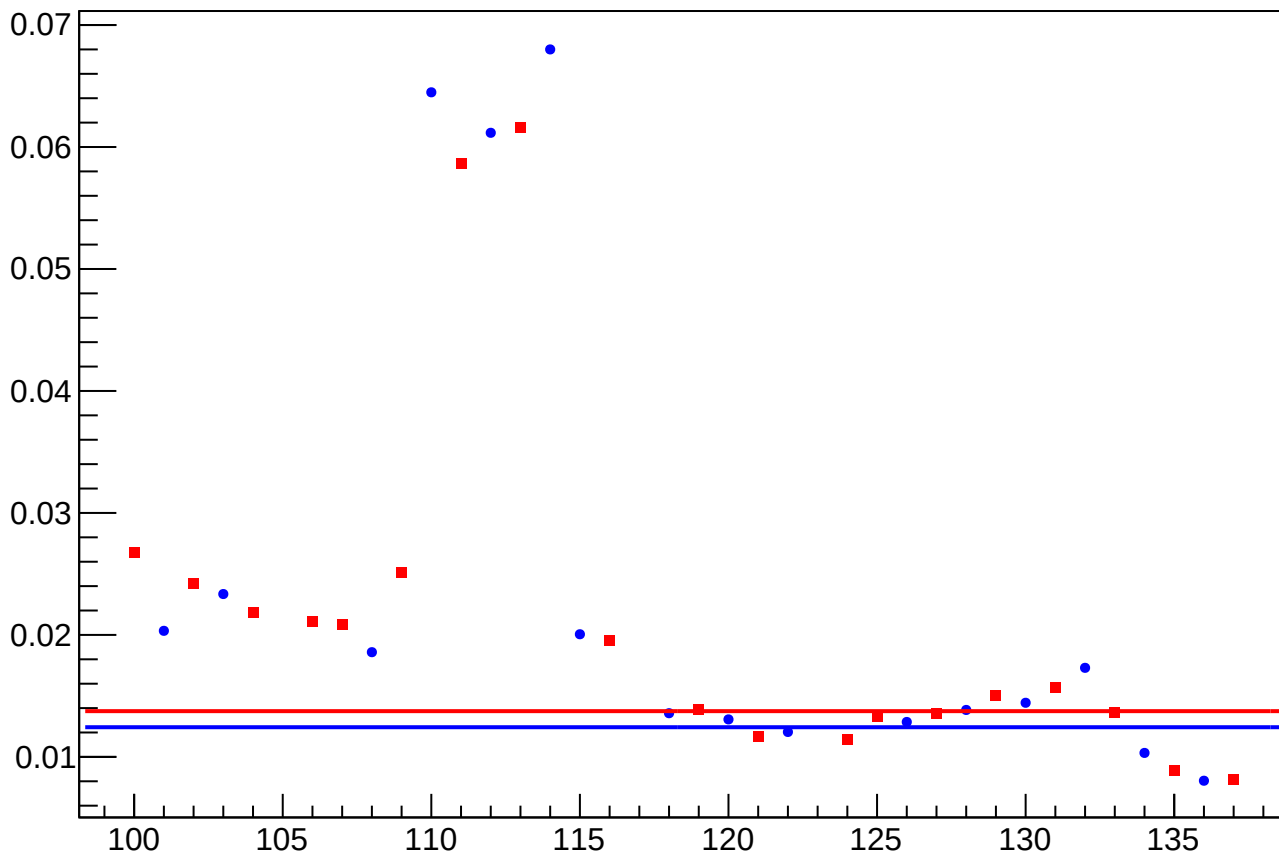
Right: 16.044+/-0.000 χ^2/NDF : 6392885915.7/34

In: 16.043+/-0.000 χ^2/NDF : 2840540588.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.044+/-0.000 χ^2/NDF : 6392885915.7/34

yield_sam1_rms vs Slug, Sign Corrected



Right In: 0.012+/-0.000 χ^2/NDF : 2316842.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 2230614.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

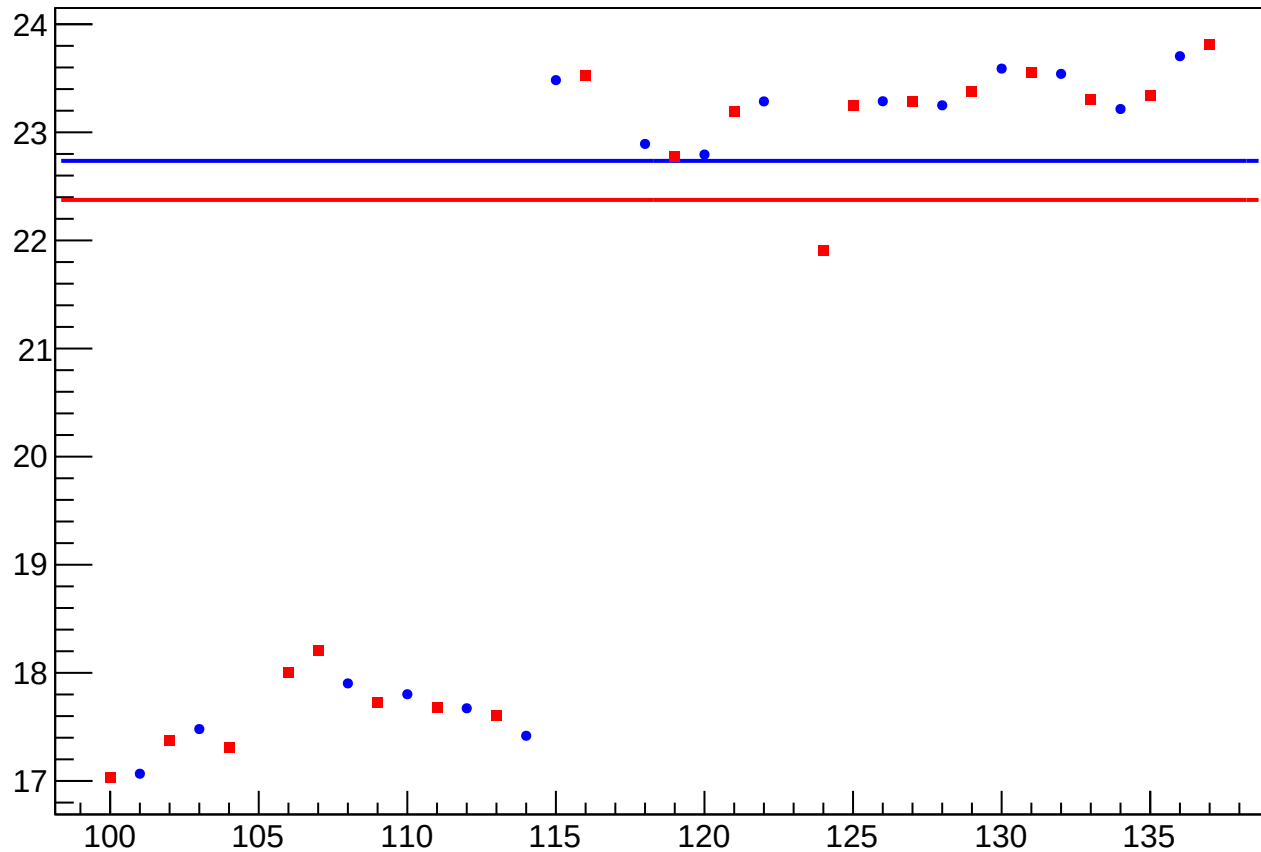
Right: 0.013+/-0.000 χ^2/NDF : 4604105.9/34

In: 0.012+/-0.000 χ^2/NDF : 2316842.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 4604105.9/34

yield_sam2_mean vs Slug, Sign Corrected



Right In: 22.736+/-0.000 χ^2 /NDF: 1220713728.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 22.375+/-0.000 χ^2 /NDF: 1215661430.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

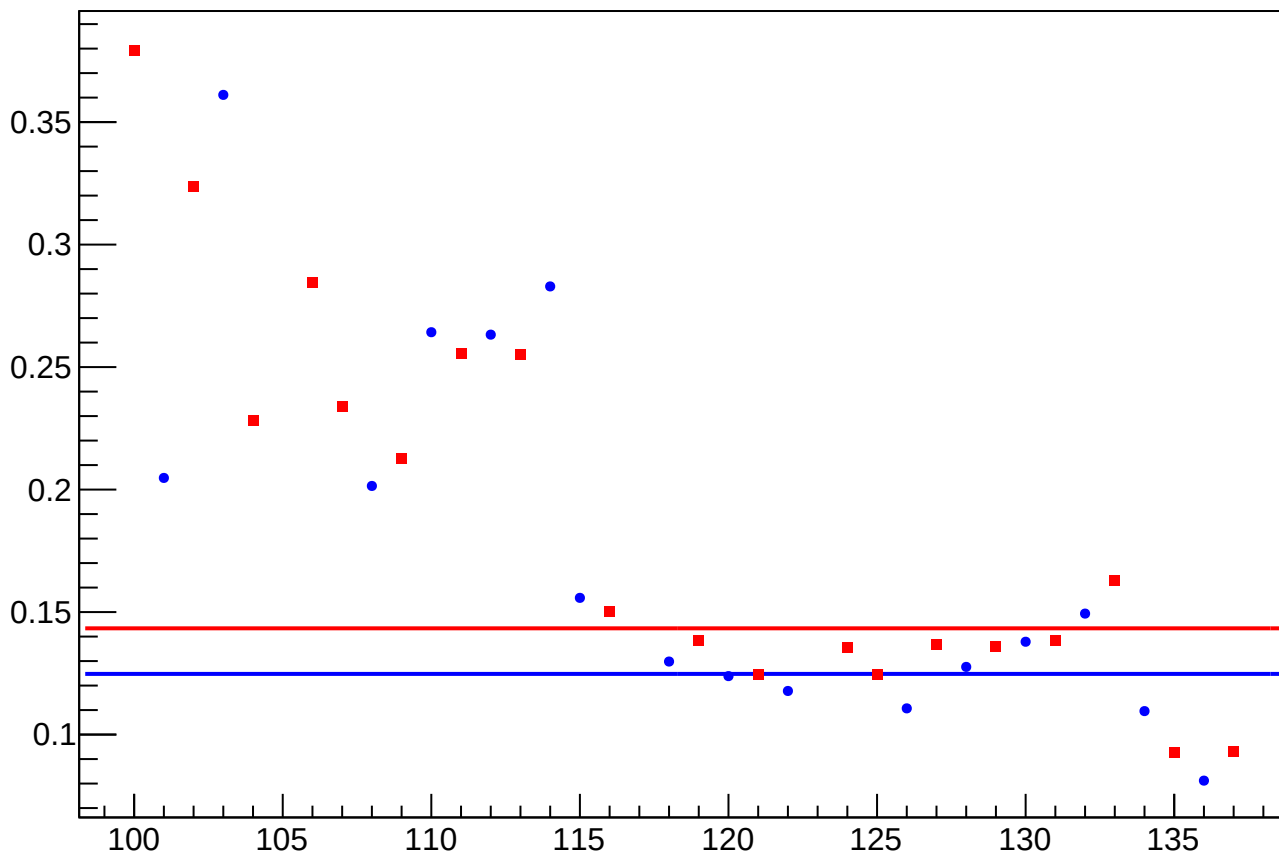
Right: 22.574+/-0.000 χ^2 /NDF: 2456494994.8/34

In: 22.736+/-0.000 χ^2 /NDF:1220713728.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 22.574+/-0.000 χ^2 /NDF: 2456494994.8/34

yield_sam2_rms vs Slug, Sign Corrected



Right In: 0.125+/-0.000 χ^2/NDF : 1749818.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.143+/-0.000 χ^2/NDF : 1570103.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

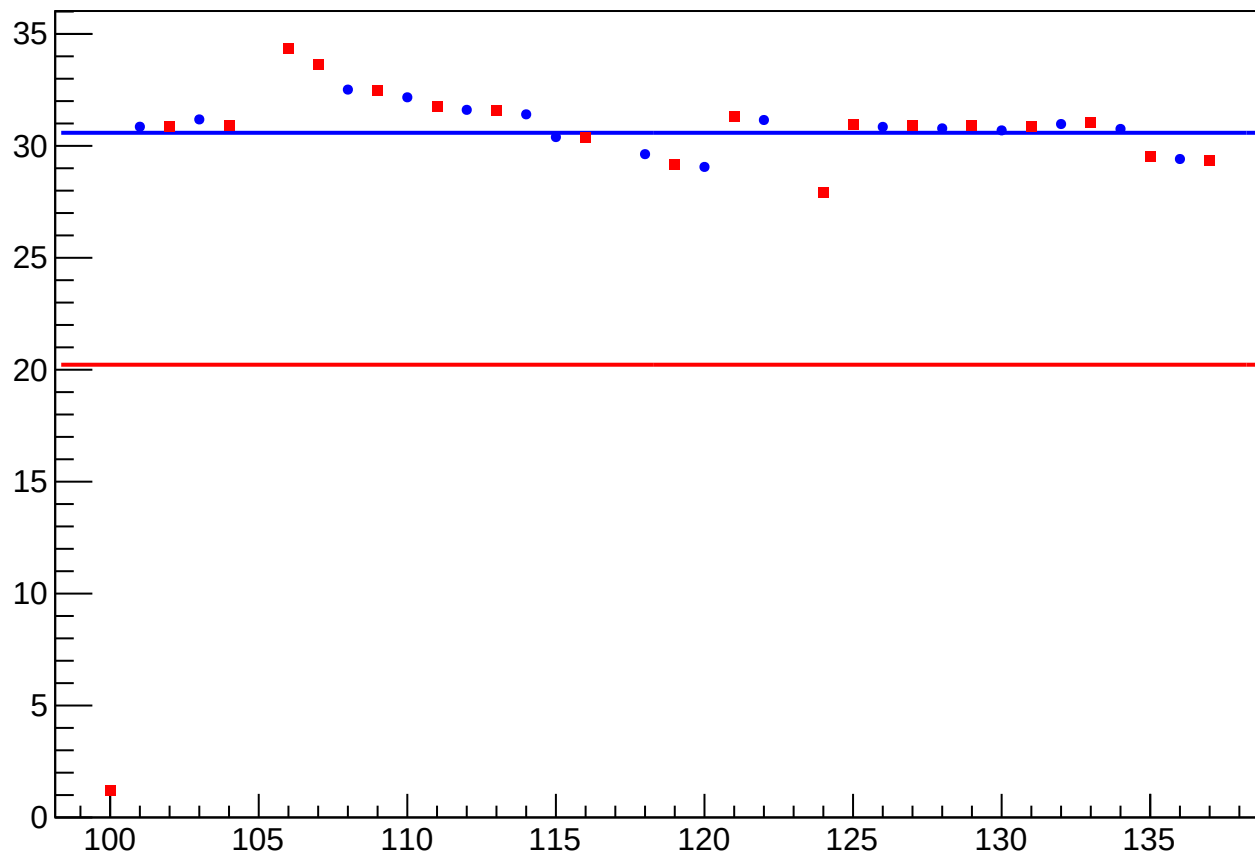
Right: 0.133+/-0.000 χ^2/NDF : 3426627.7/34

In: 0.125+/-0.000 χ^2/NDF :1749818.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.133+/-0.000 χ^2/NDF : 3426627.7/34

yield_sam3_mean vs Slug, Sign Corrected



Right In: 30.585+/-0.000 χ^2/NDF : 652266844.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.224+/-0.000 χ^2/NDF : 221262816636.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

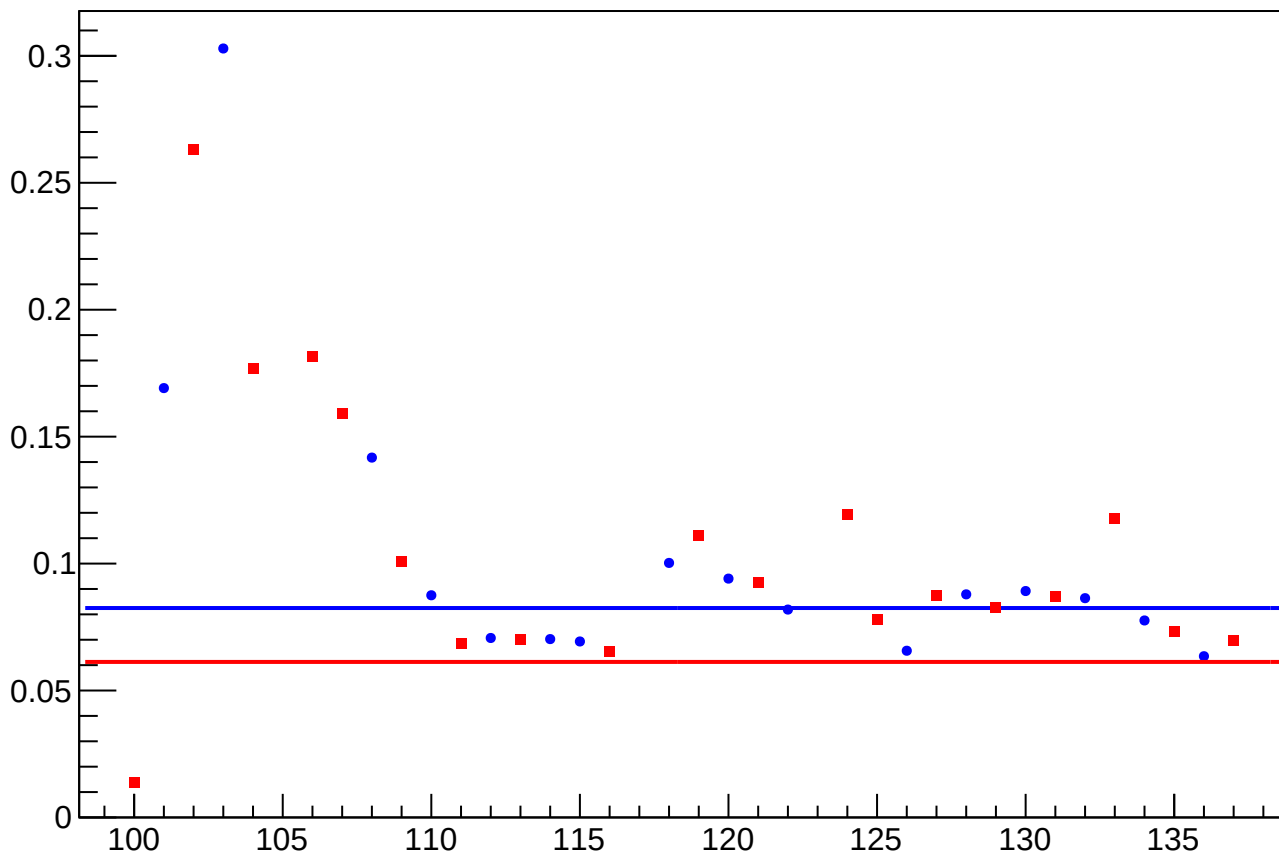
Right: 24.530+/-0.000 χ^2/NDF : 270460315915.7/34

In: 30.585+/-0.000 χ^2/NDF :652266844.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.530+/-0.000 χ^2/NDF : 270460315915.7/34

yield_sam3_rms vs Slug, Sign Corrected



Right In: 0.082+/-0.000 χ^2/NDF : 1261492.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.061+/-0.000 χ^2/NDF : 4014305.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

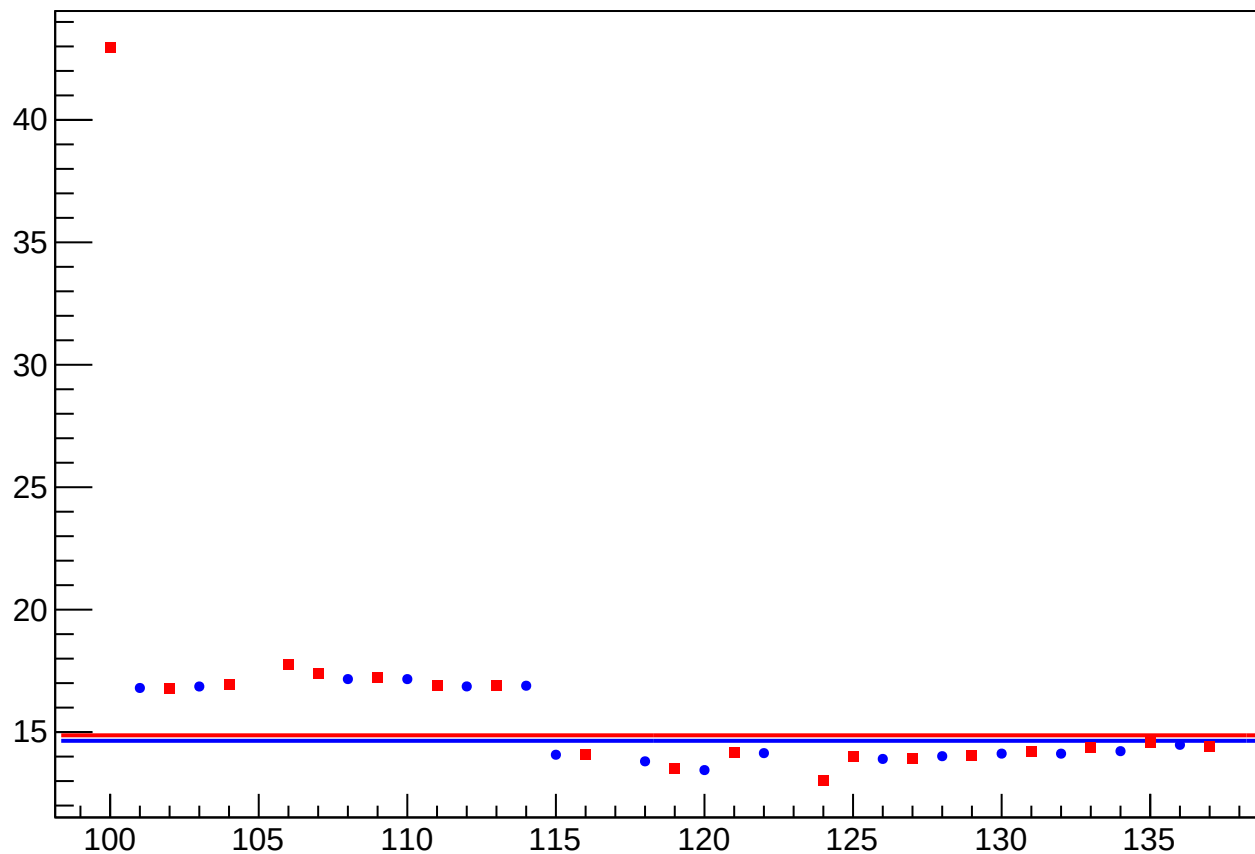
Right: 0.070+/-0.000 χ^2/NDF : 5683622.8/34

In: 0.082+/-0.000 χ^2/NDF : 1261492.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.070+/-0.000 χ^2/NDF : 5683622.8/34

yield_sam4_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 14.749+/-0.000 χ^2/NDF : 2945878863.1/34

In: 14.644+/-0.000 χ^2/NDF : 1193913109.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.749+/-0.000 χ^2/NDF : 2945878863.1/34

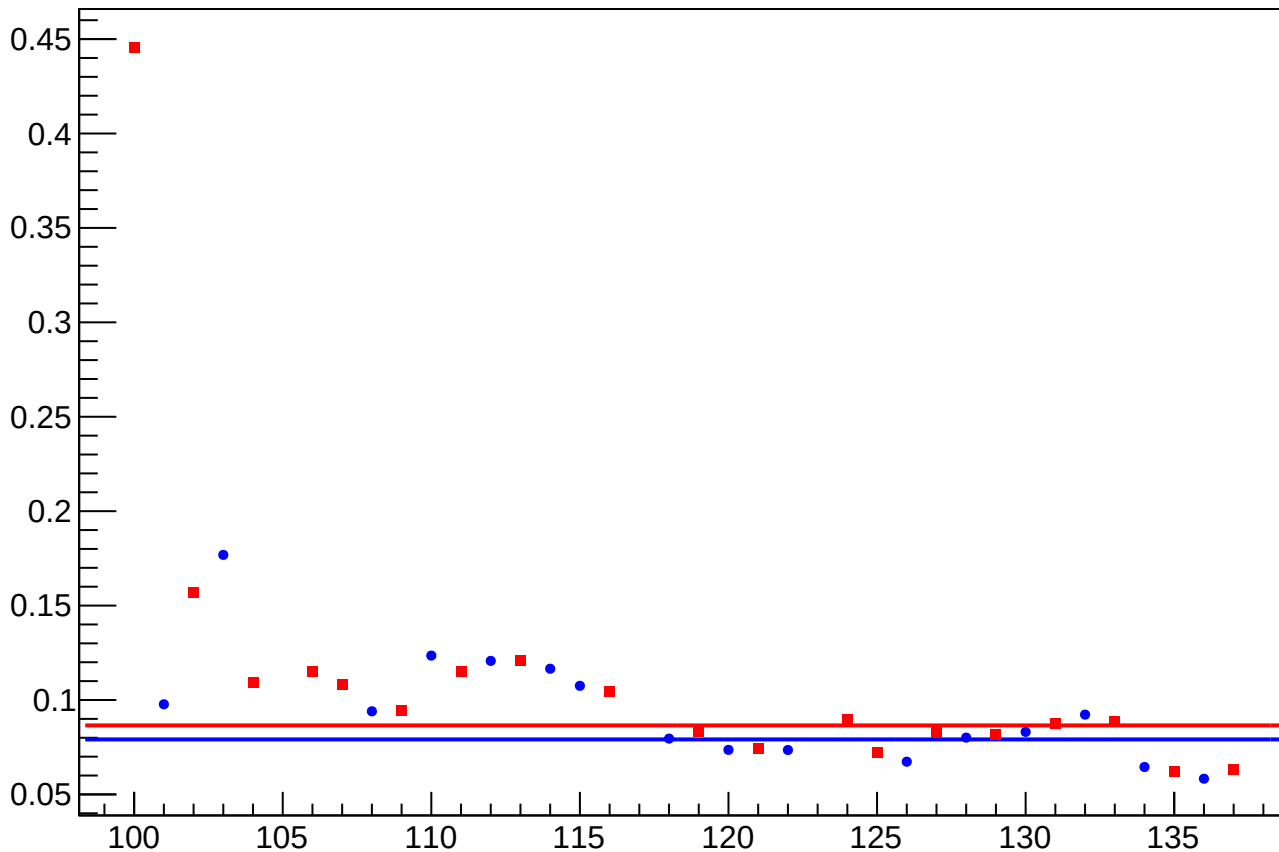
Right In: 14.644+/-0.000 χ^2/NDF : 1193913109.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.868+/-0.000 χ^2/NDF : 1730040006.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug, Sign Corrected



Right In: 0.079+/-0.000 χ^2/NDF : 918198.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.000 χ^2/NDF : 793345.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

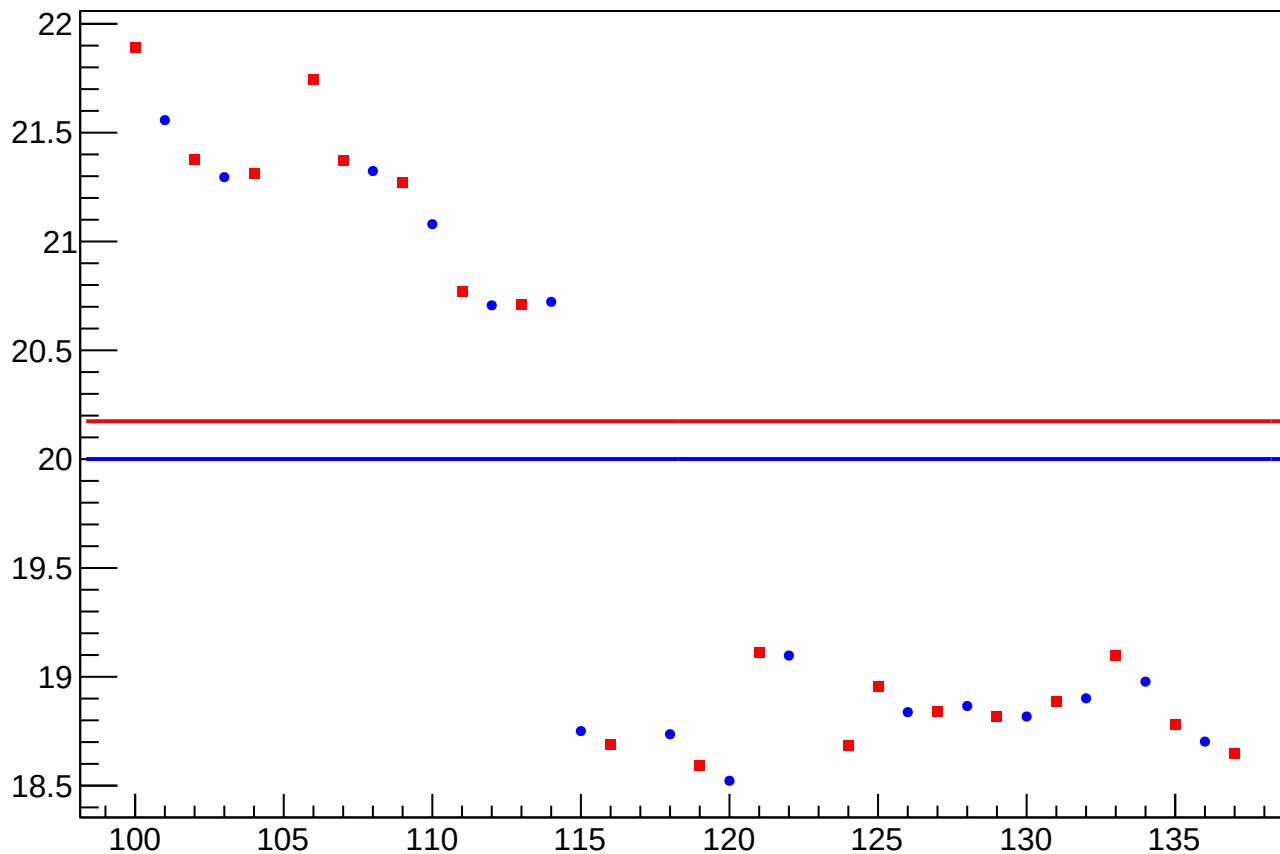
Right: 0.083+/-0.000 χ^2/NDF : 1759748.9/34

In: 0.079+/-0.000 χ^2/NDF : 918198.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.083+/-0.000 χ^2/NDF : 1759748.9/34

yield_sam5_mean vs Slug, Sign Corrected



Right In: 20.001+/-0.000 χ^2/NDF : 10878846617.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.174+/-0.000 χ^2/NDF : 10426322430.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

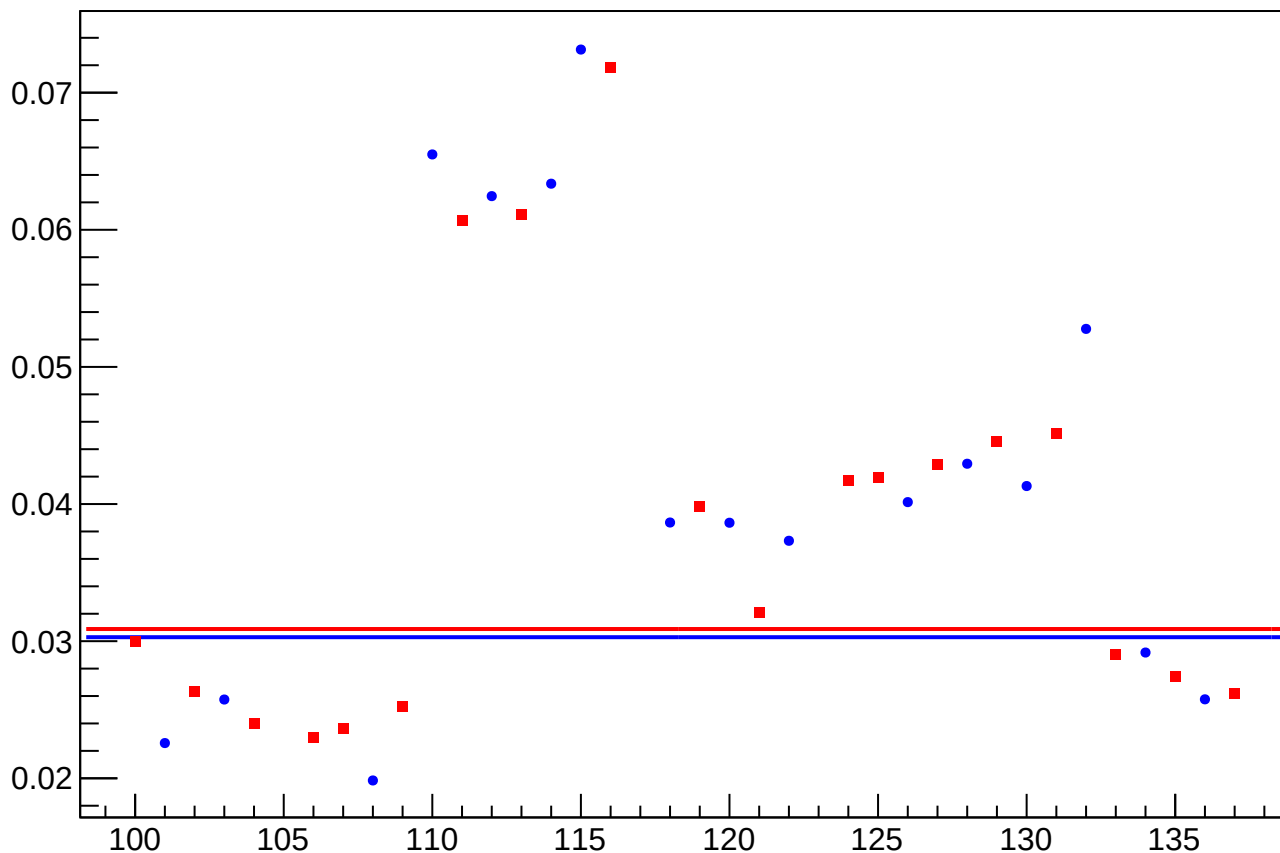
Right: 20.087+/-0.000 χ^2/NDF : 21403297693.7/34

In: 20.001+/-0.000 χ^2/NDF : 10878846617.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.087+/-0.000 χ^2/NDF : 21403297693.7

yield_sam5_rms vs Slug, Sign Corrected



Right In: 0.030+/-0.000

χ^2/NDF : 1447374.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000

χ^2/NDF : 1204729.6/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.031+/-0.000

χ^2/NDF : 2654419.8/34

In: 0.030+/-0.000

χ^2/NDF : 1447374.9/15

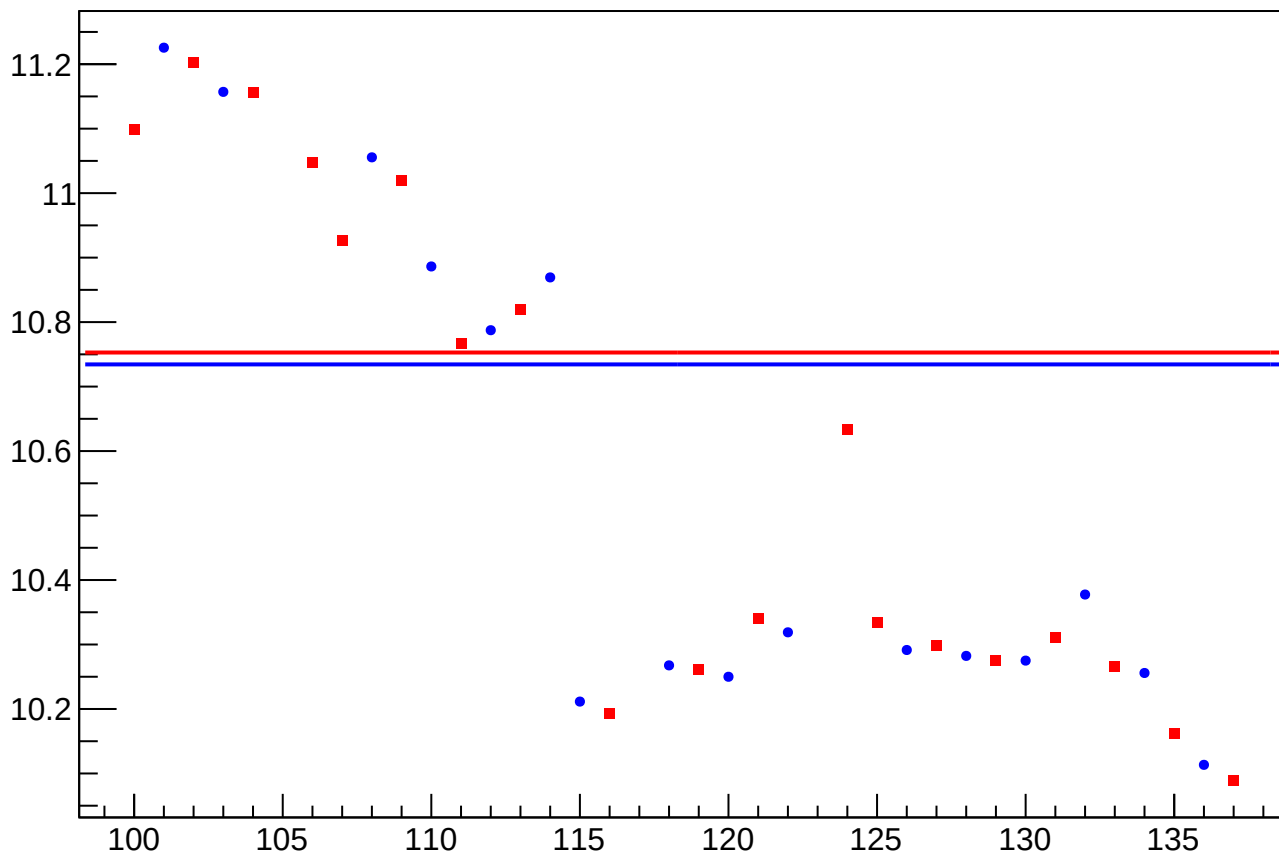
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.031+/-0.000

χ^2/NDF : 2654419.8/34

yield_sam6_mean vs Slug, Sign Corrected



Right In: 10.734+/-0.000 χ^2/NDF : 5879444478.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.753+/-0.000 χ^2/NDF : 4344265704.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

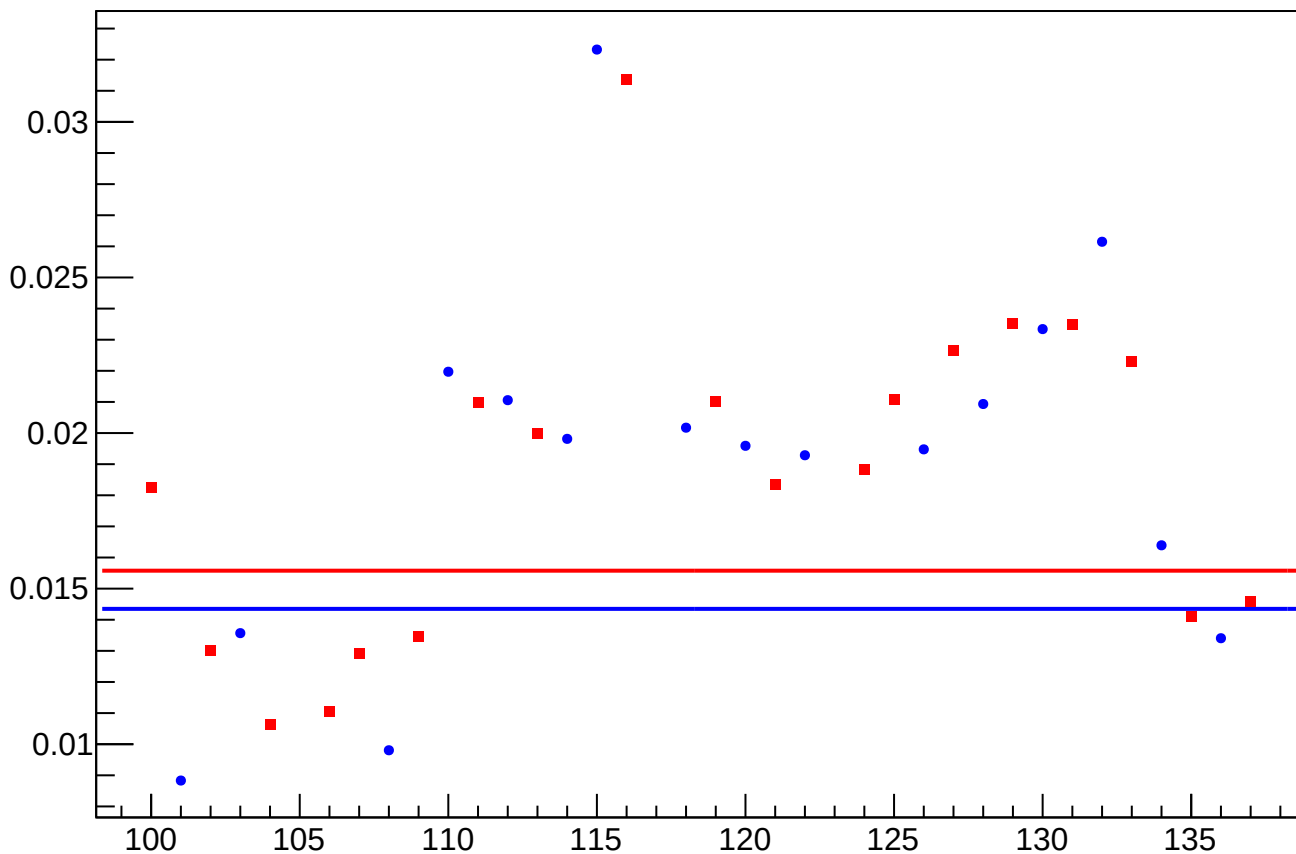
Right: 10.743+/-0.000 χ^2/NDF : 10228218714.9/34

In: 10.734+/-0.000 χ^2/NDF : 5879444478.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.743+/-0.000 χ^2/NDF : 10228218714.9

yield_sam6_rms vs Slug, Sign Corrected



Right In: 0.014+/-0.000

χ^2/NDF : 1481790.8/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000

χ^2/NDF : 1071979.1/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 2593711.2/34

In: 0.014+/-0.000

χ^2/NDF : 1481790.8/15

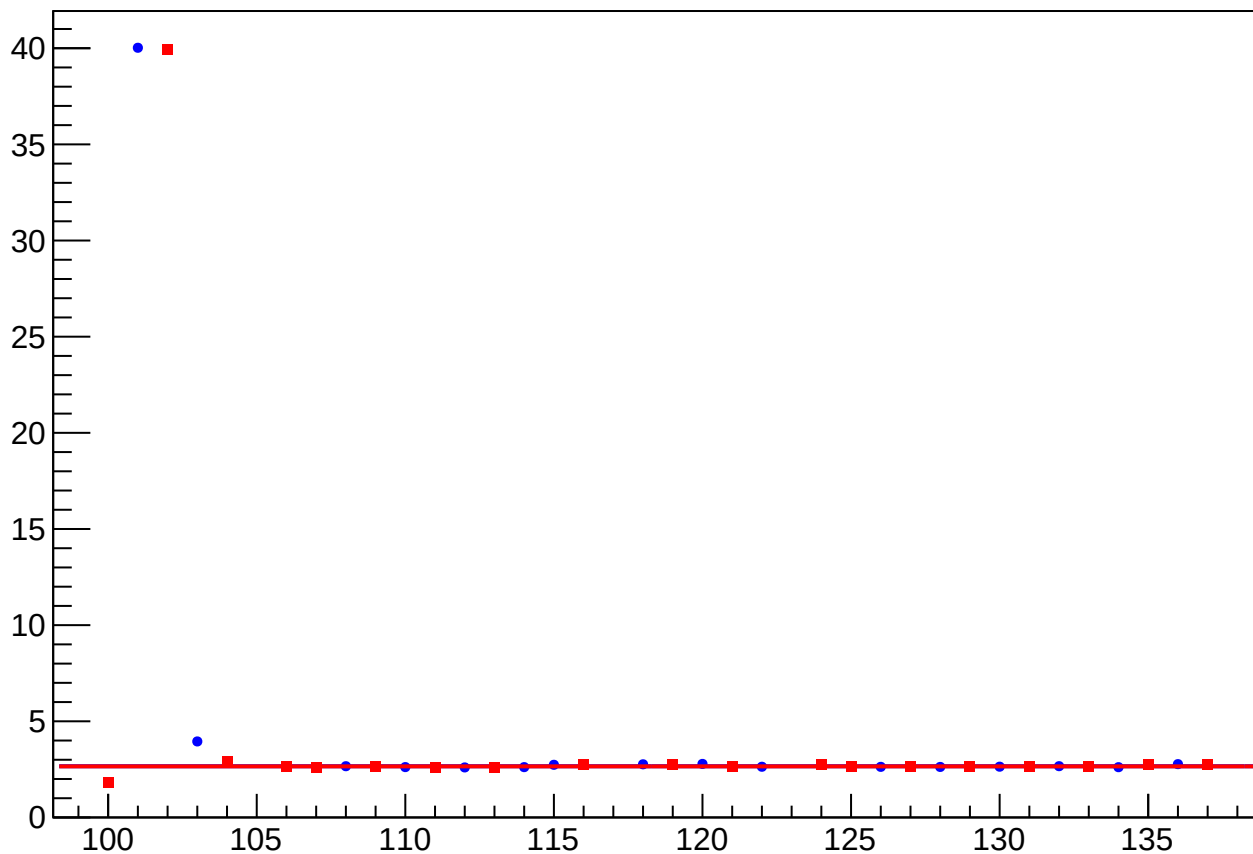
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 2593711.2/34

yield_sam7_mean vs Slug, Sign Corrected



Right In: 2.664+/-0.000

χ^2/NDF : 67839888284.3/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 2.660+/-0.000

χ^2/NDF : 132934575870.3/34

Right Out: 2.656+/-0.000

χ^2/NDF : 65056887880.1/18

In: 2.664+/-0.000

χ^2/NDF : 67839888284.3/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

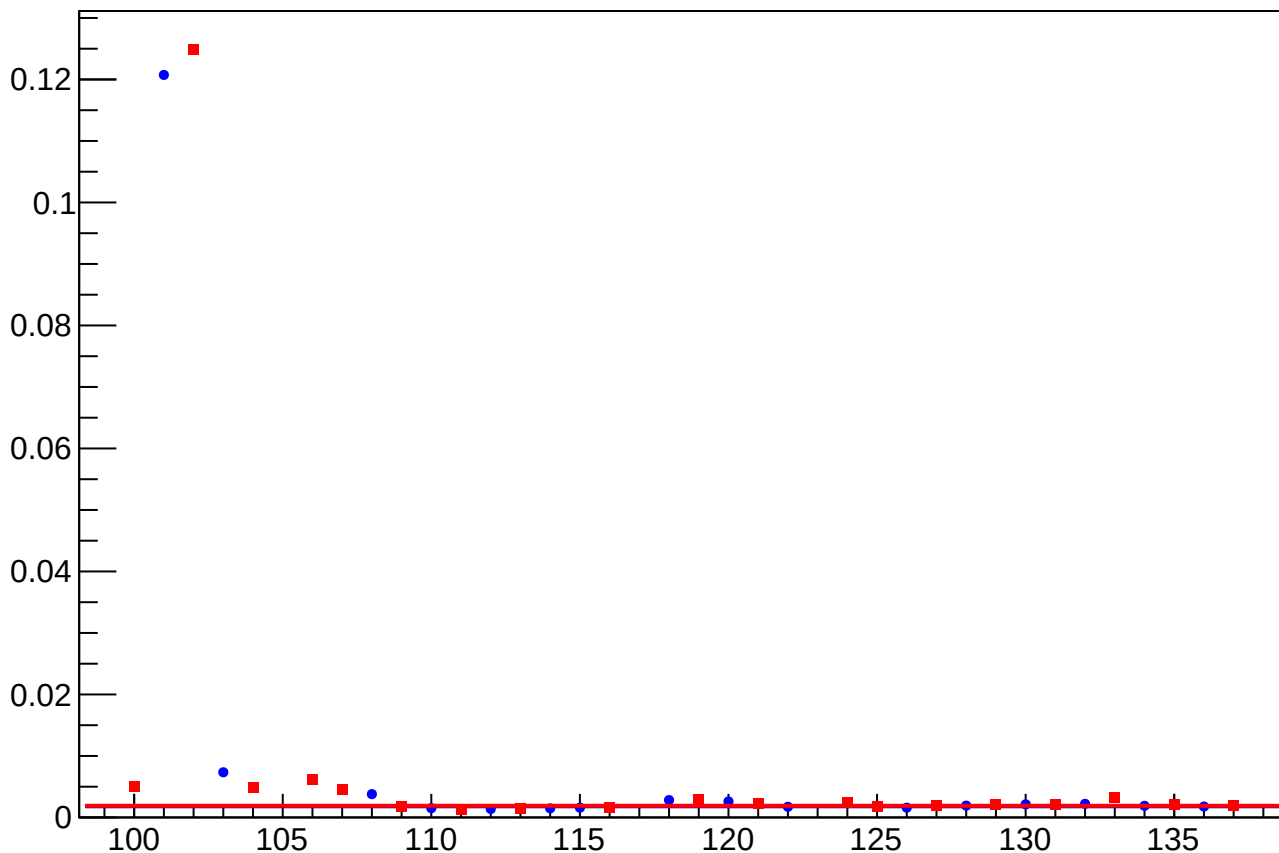
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 2.660+/-0.000

χ^2/NDF : 132934575870.3

yield_sam7_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1822680.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2525514.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

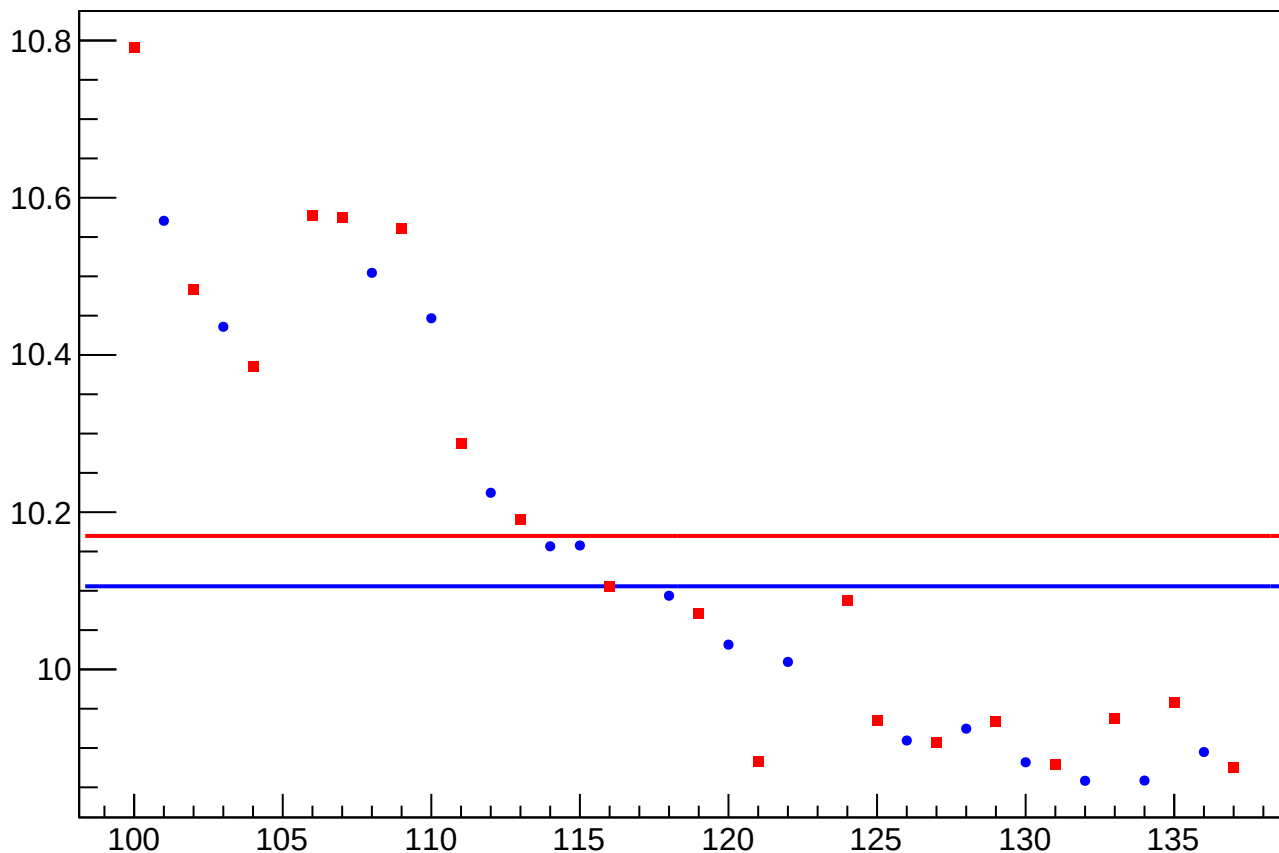
Right: 0.002+/-0.000 χ^2/NDF : 4358433.6/34

In: 0.002+/-0.000 χ^2/NDF : 1822680.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4358433.6/34

yield_sam8_mean vs Slug, Sign Corrected



Right In: 10.106+/-0.000 χ^2/NDF : 9126550621.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.170+/-0.000 χ^2/NDF : 9135610954.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

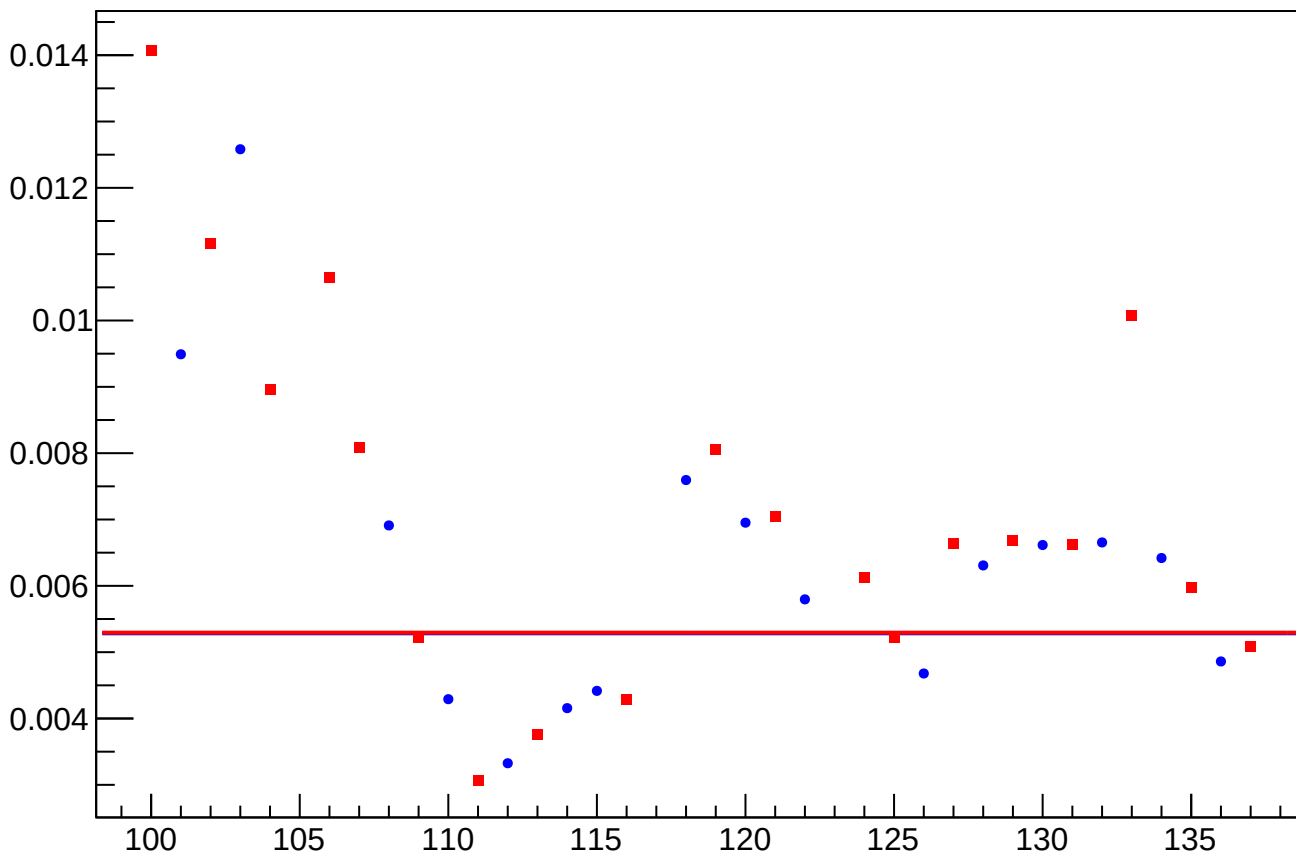
Right: 10.138+/-0.000 χ^2/NDF : 18662438112.6/34

In: 10.106+/-0.000 χ^2/NDF : 9126550621.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.138+/-0.000 χ^2/NDF : 18662438112.6

yield_sam8_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000 χ^2/NDF : 1274133.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1792250.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

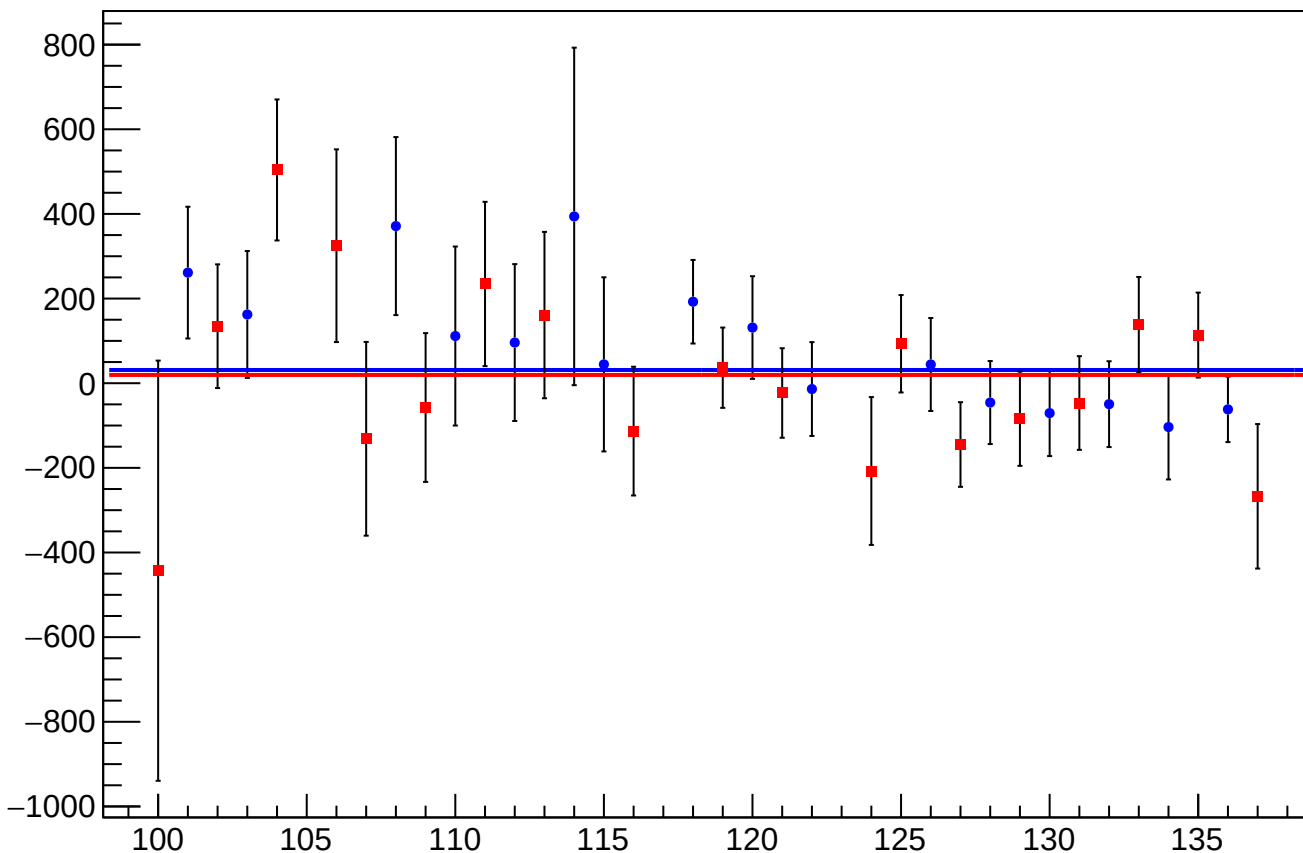
Right: 0.005+/-0.000 χ^2/NDF : 3066401.4/34

In: 0.005+/-0.000 χ^2/NDF :1274133.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3066401.4/34

reg_asym_sam1_mean vs Slug, Sign Corrected



Right In: 31.249+/-30.786 χ^2/NDF : 15.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.573+/-31.059 χ^2/NDF : 25.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

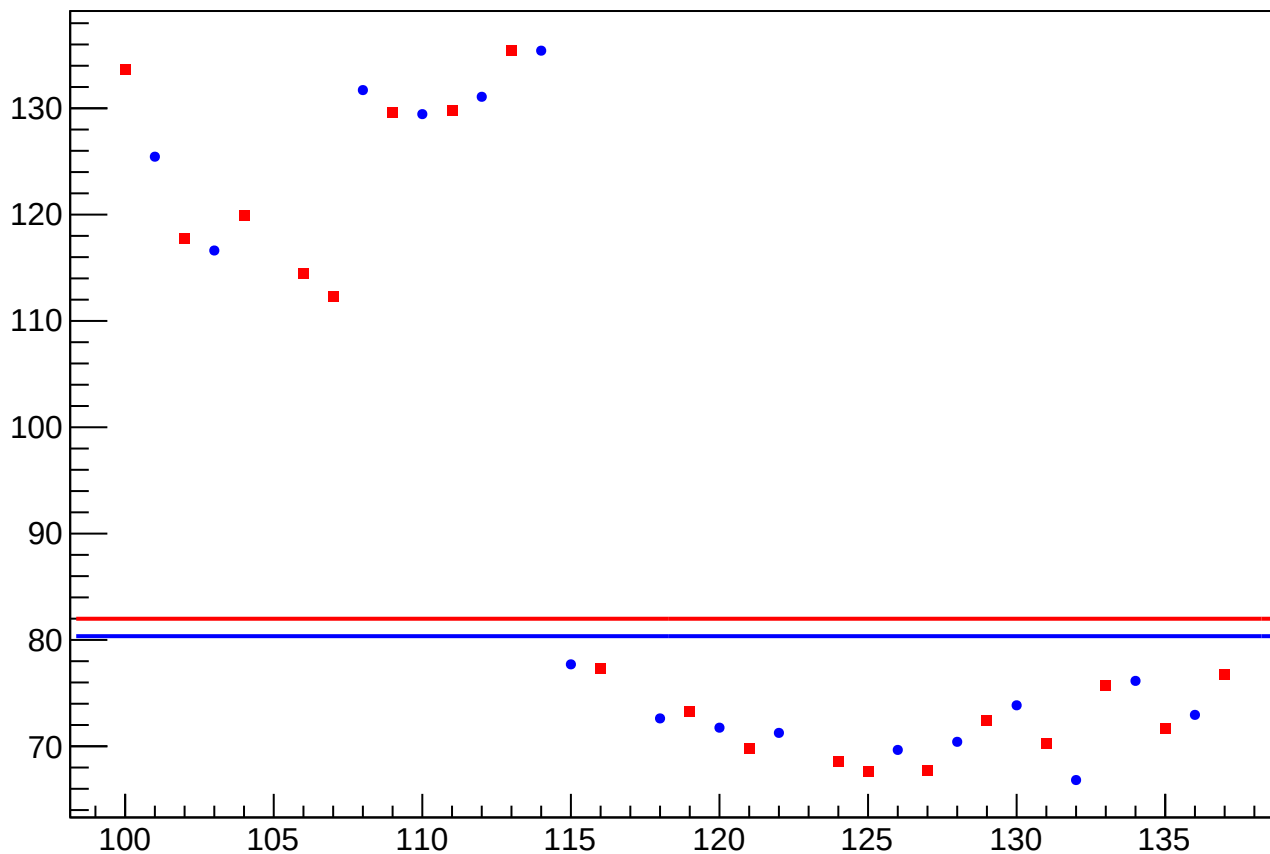
Right: 25.463+/-21.865 χ^2/NDF : 41.1/34

In: 31.249+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.463+/-21.865 χ^2/NDF : 41.1/34

reg_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.354+/-0.022 χ^2/NDF : 840039.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.993+/-0.022 χ^2/NDF : 932337.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

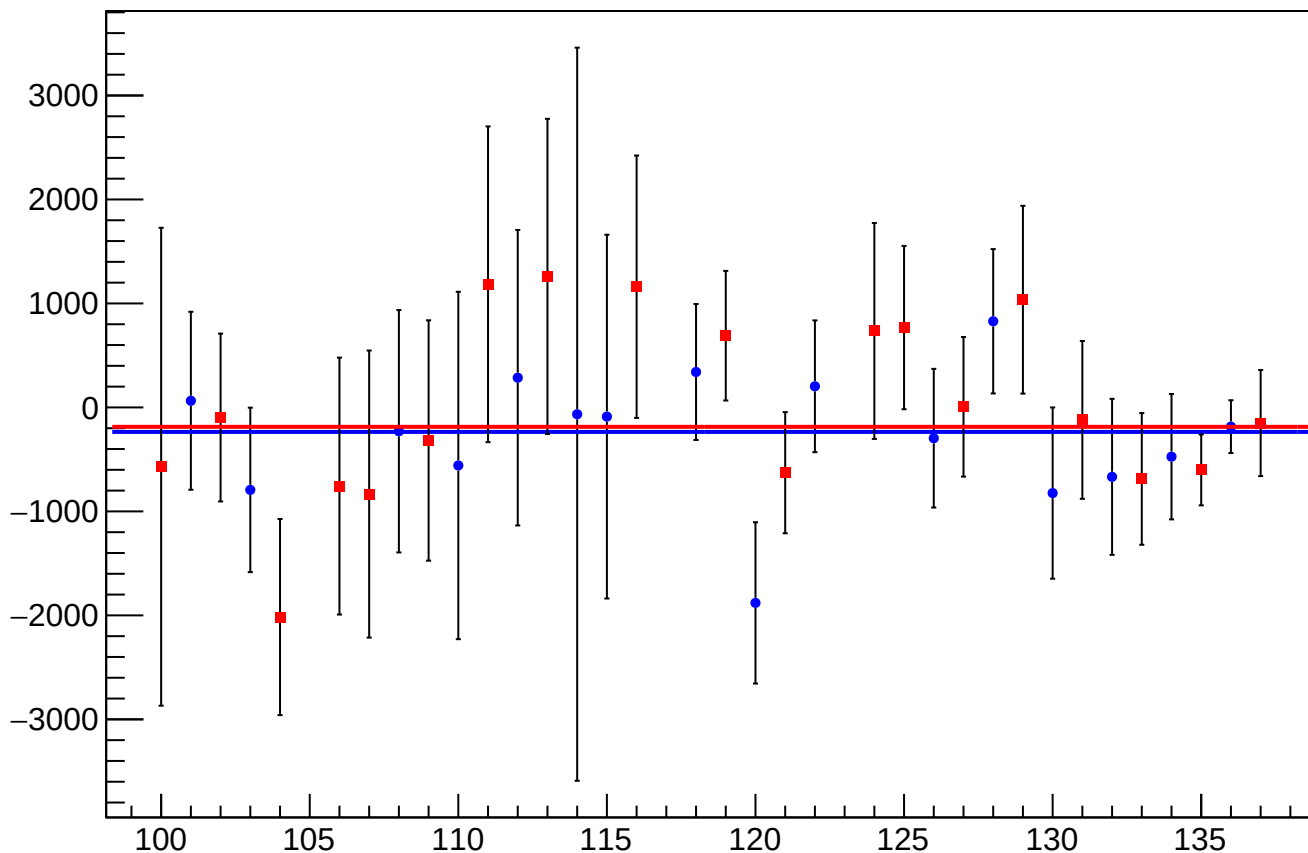
Right: 81.166+/-0.015 χ^2/NDF : 1775186.5/34

In: 80.354+/-0.022 χ^2/NDF : 840039.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.166+/-0.015 χ^2/NDF : 1775186.5/34

asym_sam1_reg_correction_mean vs Slug, Sign Corrected



Right In: -235.521+/-163.765 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -186.618+/-170.394 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

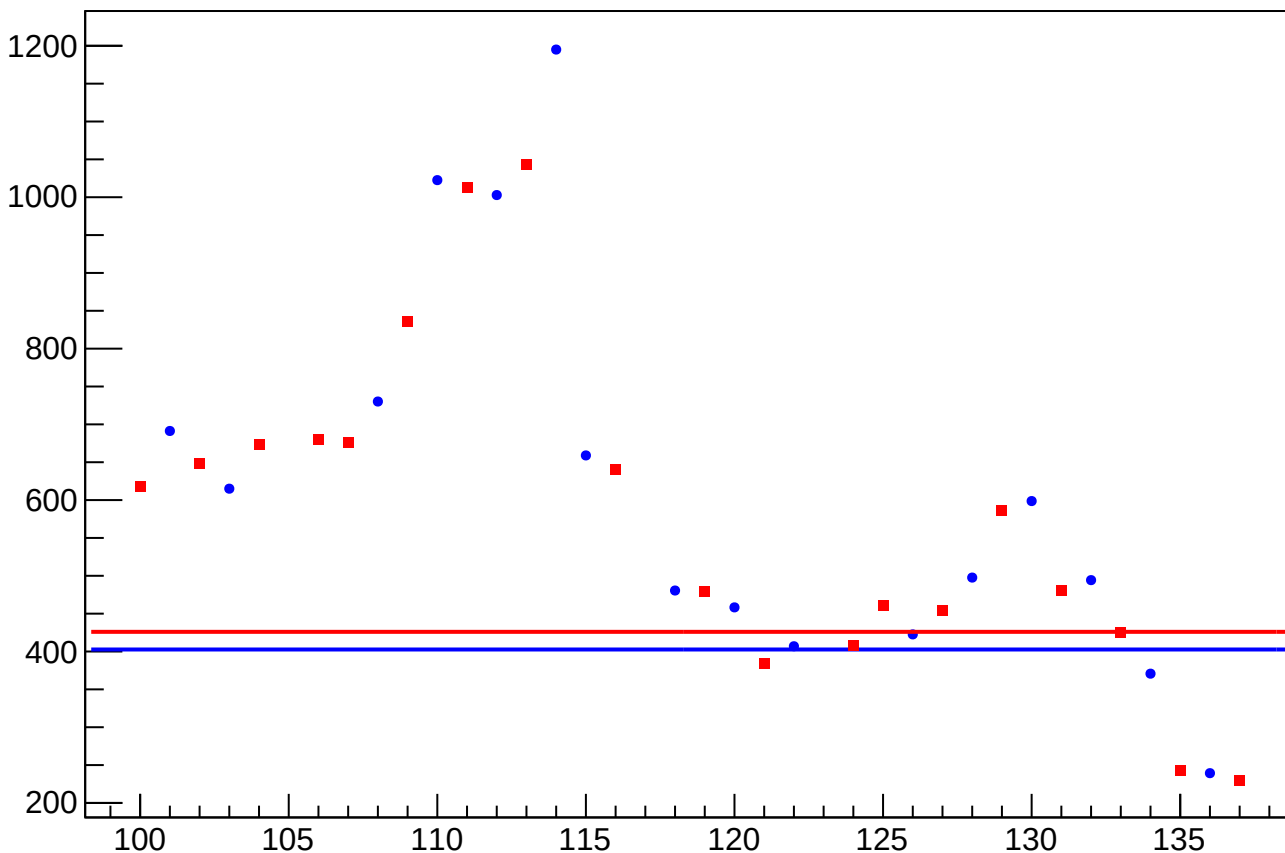
Right: -212.039+/-118.073 χ^2/NDF : 25.9/34

In: -235.521+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -212.039+/-118.073 χ^2/NDF : 25.9/34

asym_sam1_reg_correction_rms vs Slug, Sign Corrected



Right In: 402.658+/-0.116 χ^2/NDF : 2360092.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 425.980+/-0.120 χ^2/NDF : 2368792.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

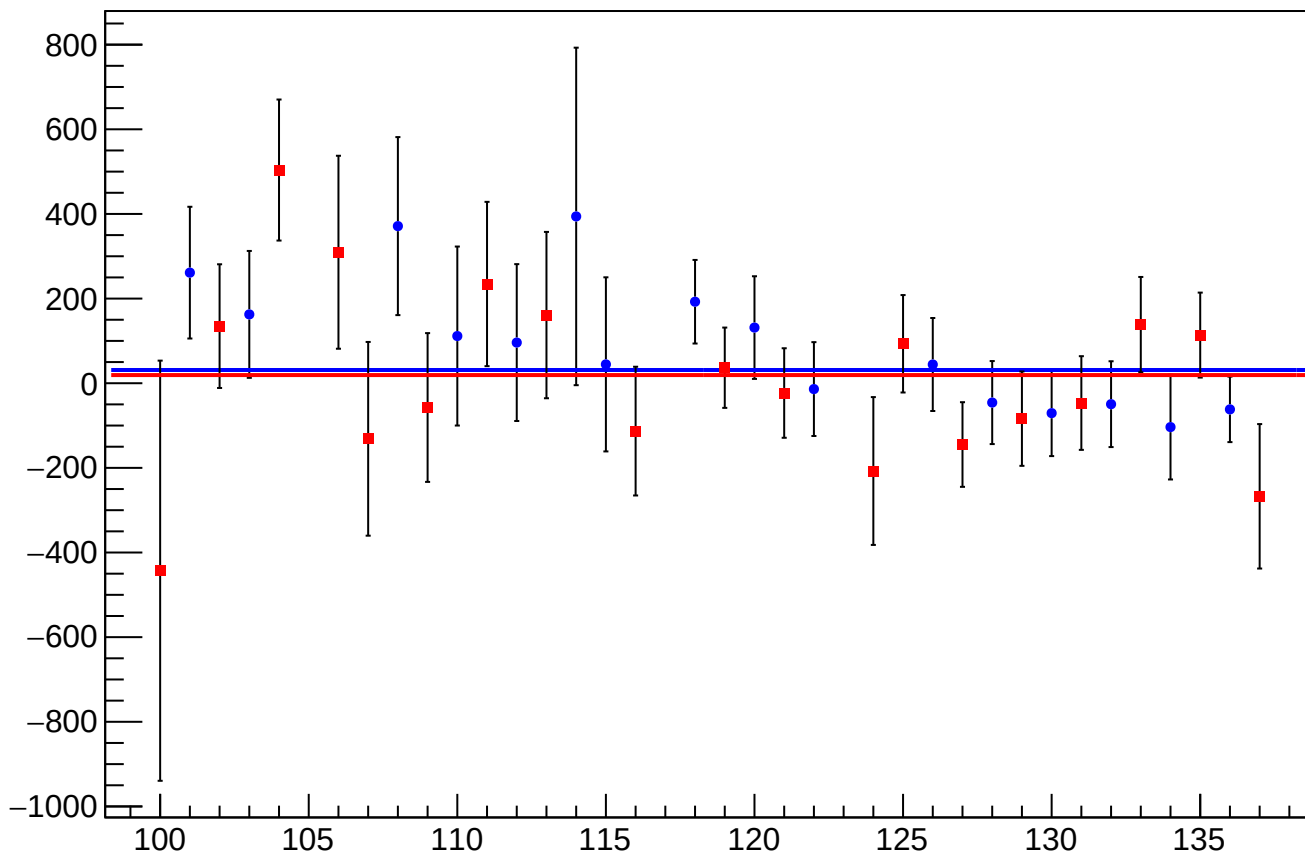
Right: 413.856+/-0.083 χ^2/NDF : 4748361.6/34

In: 402.658+/-0.116 χ^2/NDF : 2360092.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.856+/-0.083 χ^2/NDF : 4748361.6/34

cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.282+/-31.060 χ^2/NDF : 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

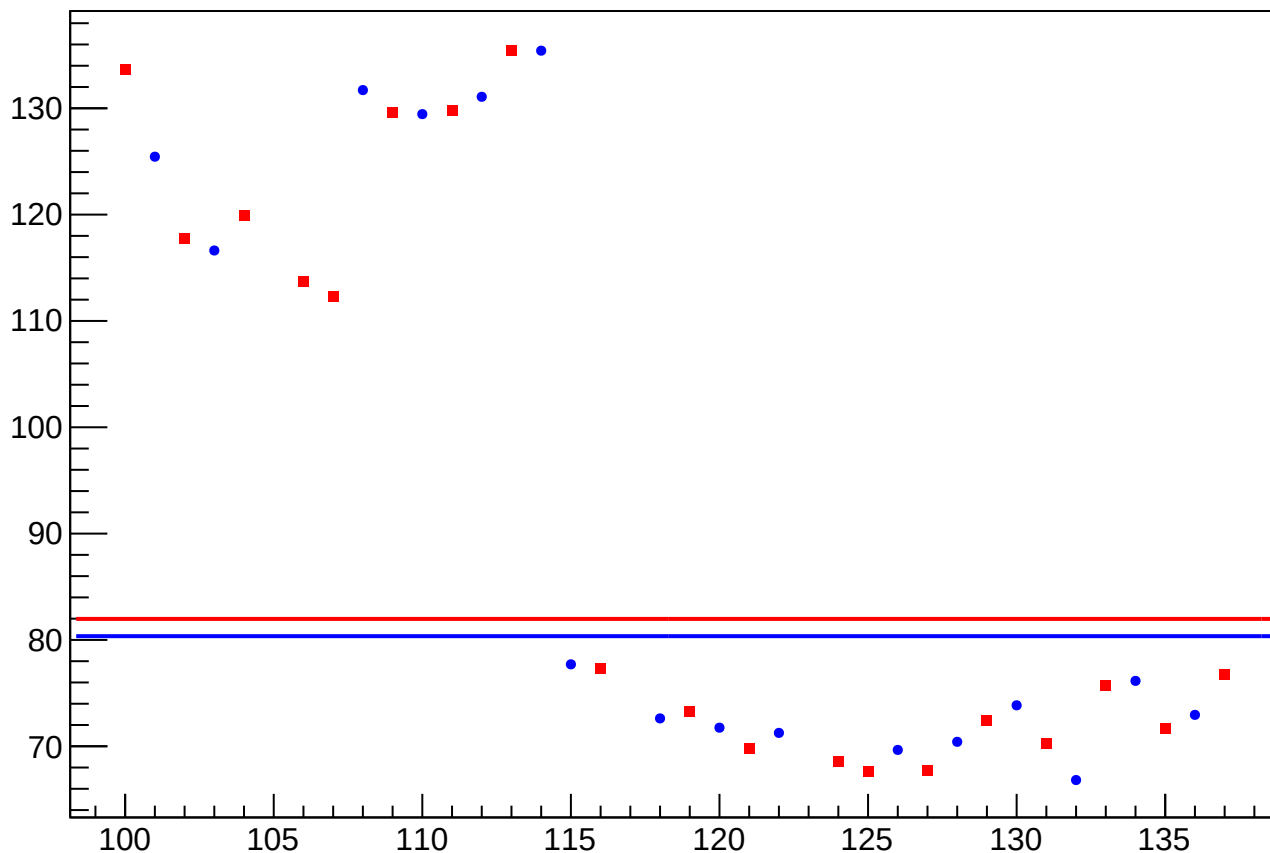
Right: 25.324+/-21.865 χ^2/NDF : 40.9/34

In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.324+/-21.865 χ^2/NDF : 40.9/34

cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.354+/-0.022 χ^2/NDF : 840039.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.978+/-0.022 χ^2/NDF : 930466.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

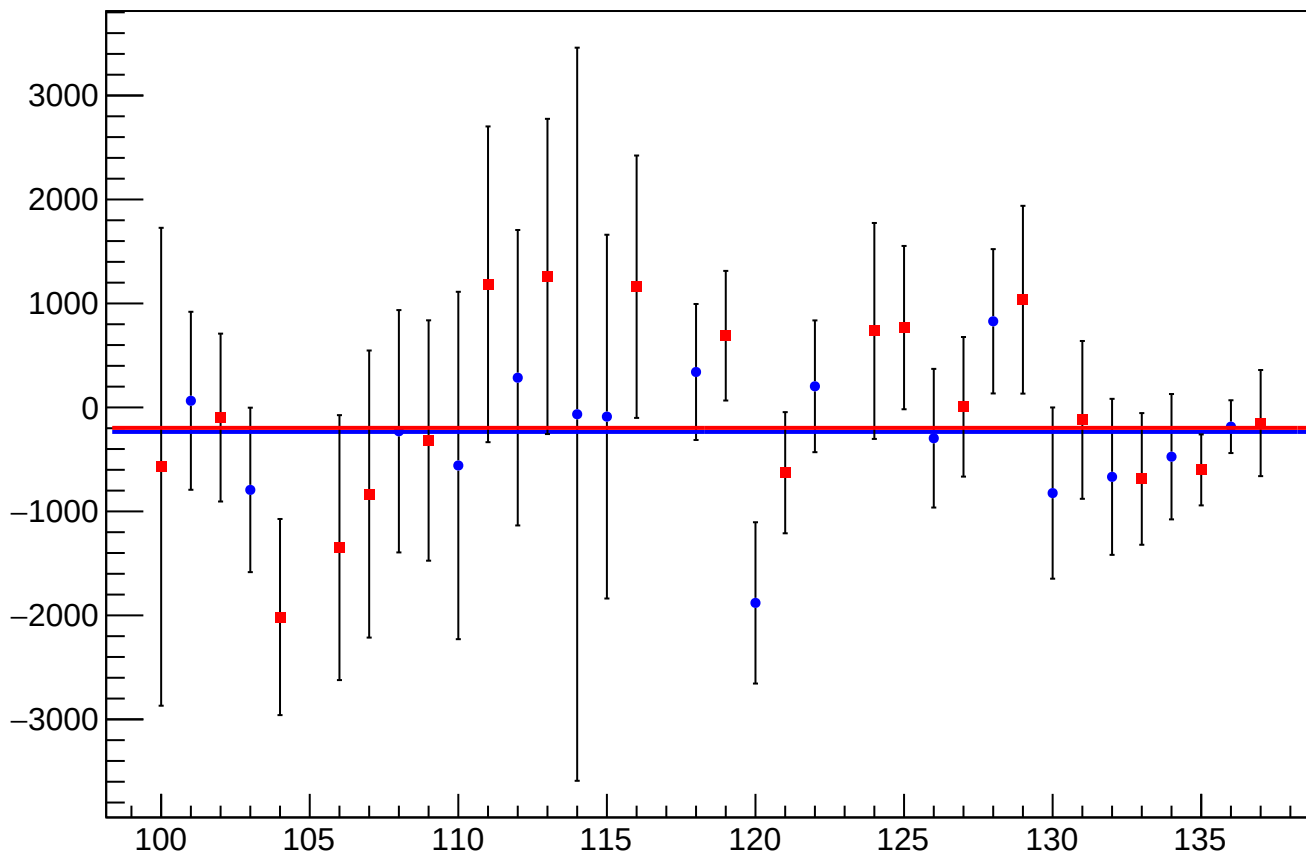
Right: 81.159+/-0.015 χ^2/NDF : 1773264.0/34

In: 80.354+/-0.022 χ^2/NDF : 840039.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.159+/-0.015 χ^2/NDF : 1773264.0/34

asym_sam1_cor_correction_mean vs Slug, Sign Corrected



Right In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -196.579+/-170.492 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

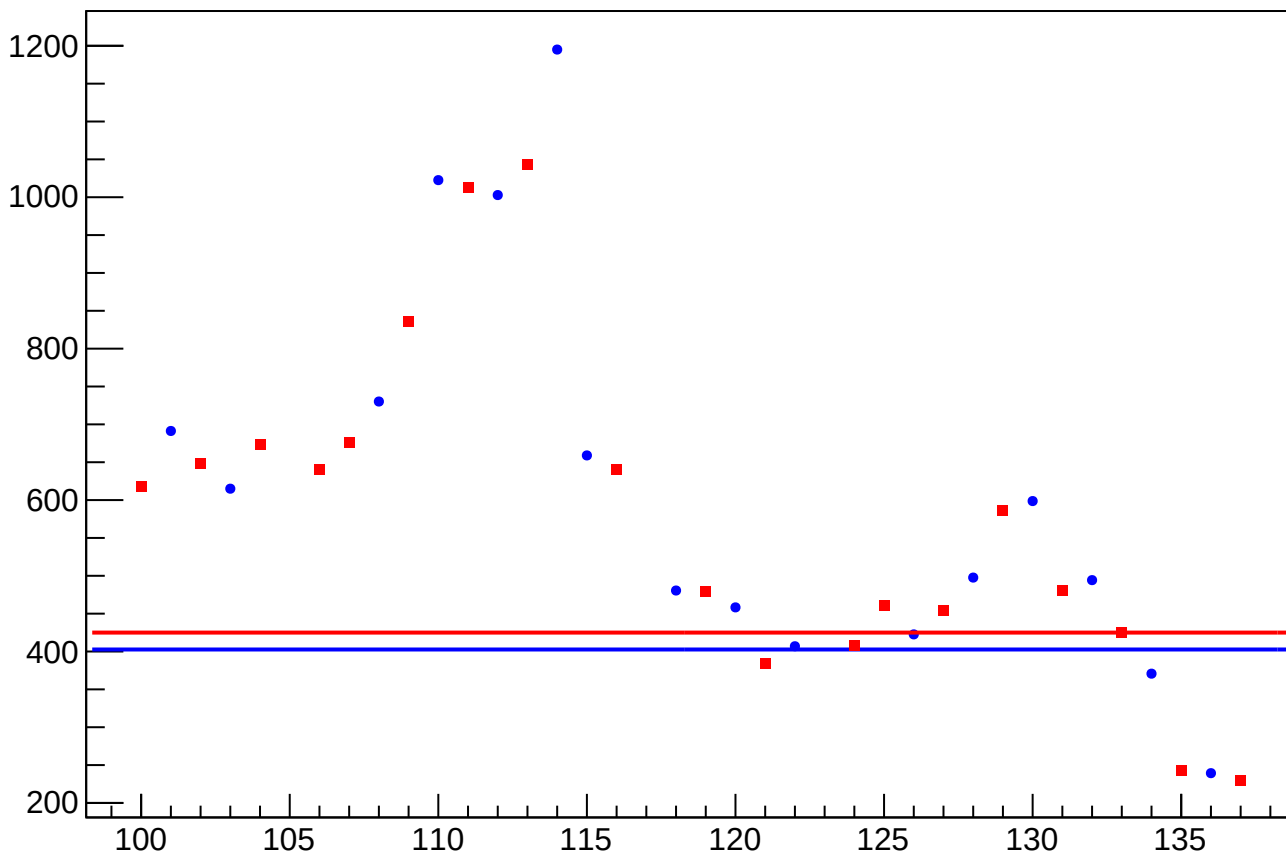
Right: -216.832+/-118.106 χ^2/NDF : 26.5/34

In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.832+/-118.106 χ^2/NDF : 26.5/34

asym_sam1_cor_correction_rms vs Slug, Sign Corrected



Right In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.988+/-0.121 χ^2/NDF : 2341027.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

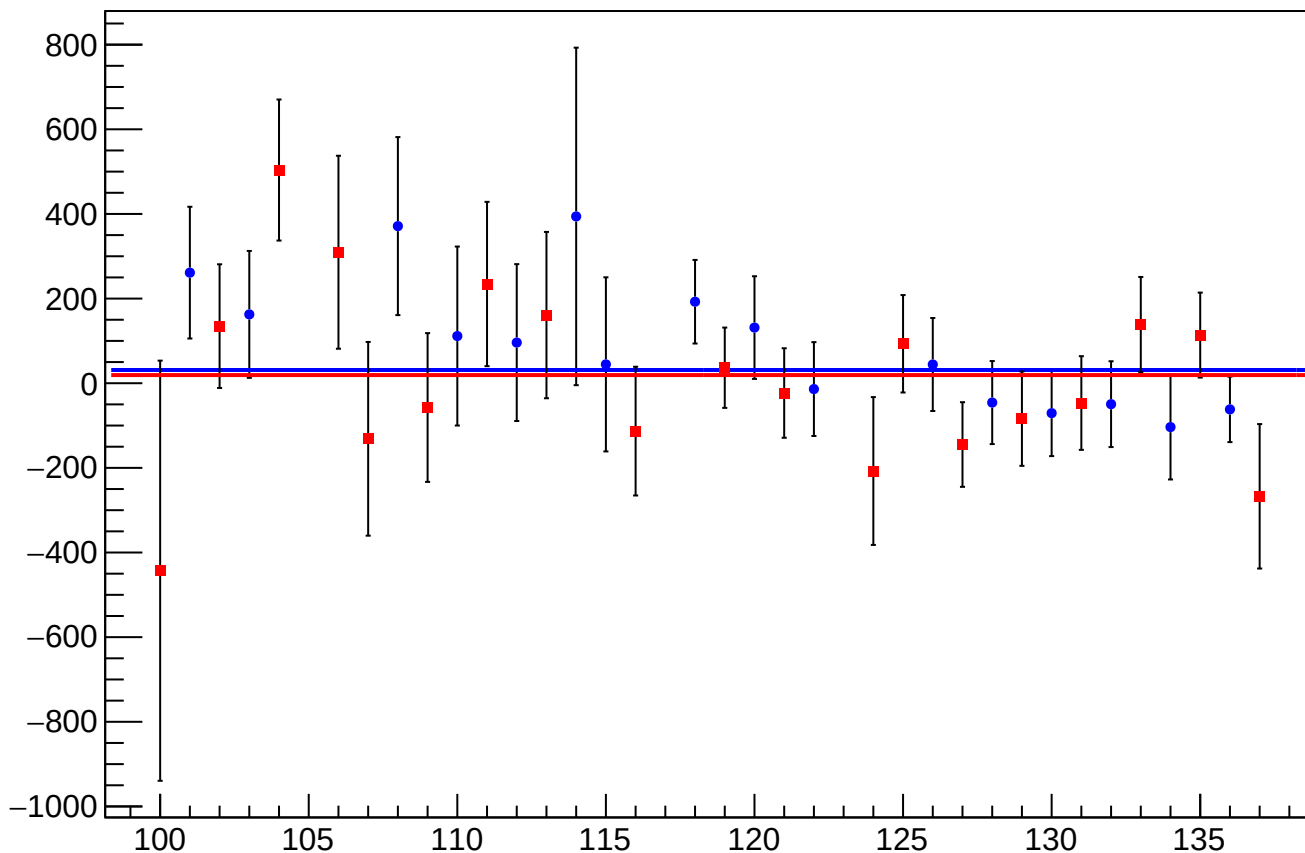
Right: 413.374+/-0.084 χ^2/NDF : 4718958.6/34

In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.374+/-0.084 χ^2/NDF : 4718958.6/34

eigen_cor_asym_sam1_mean vs Slug, Sign Corrected



Right In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.282+/-31.060 χ^2/NDF : 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

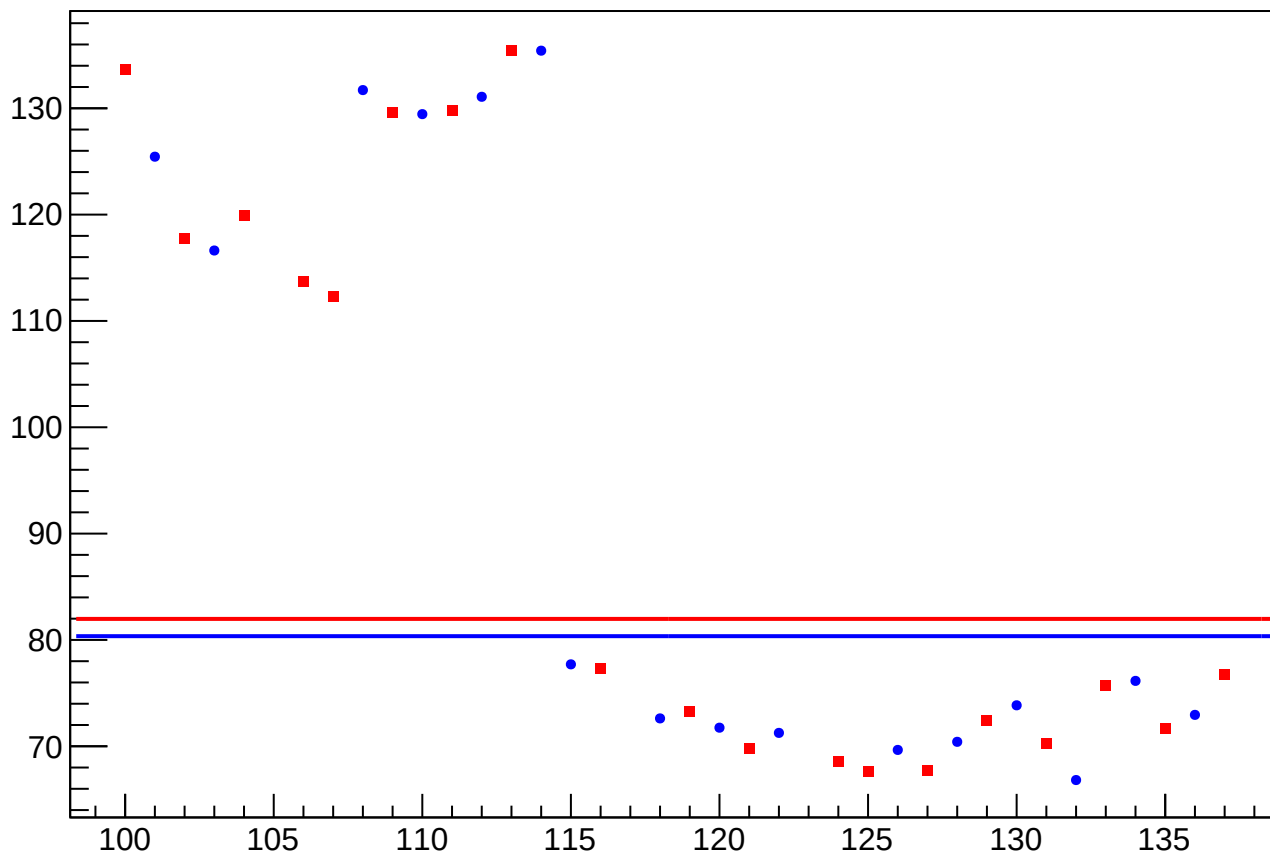
Right: 25.324+/-21.865 χ^2/NDF : 40.9/34

In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.324+/-21.865 χ^2/NDF : 40.9/34

eigen_cor_asym_sam1_rms vs Slug, Sign Corrected



Right In: 80.354+/-0.022 χ^2/NDF : 840039.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 81.978+/-0.022 χ^2/NDF : 930466.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

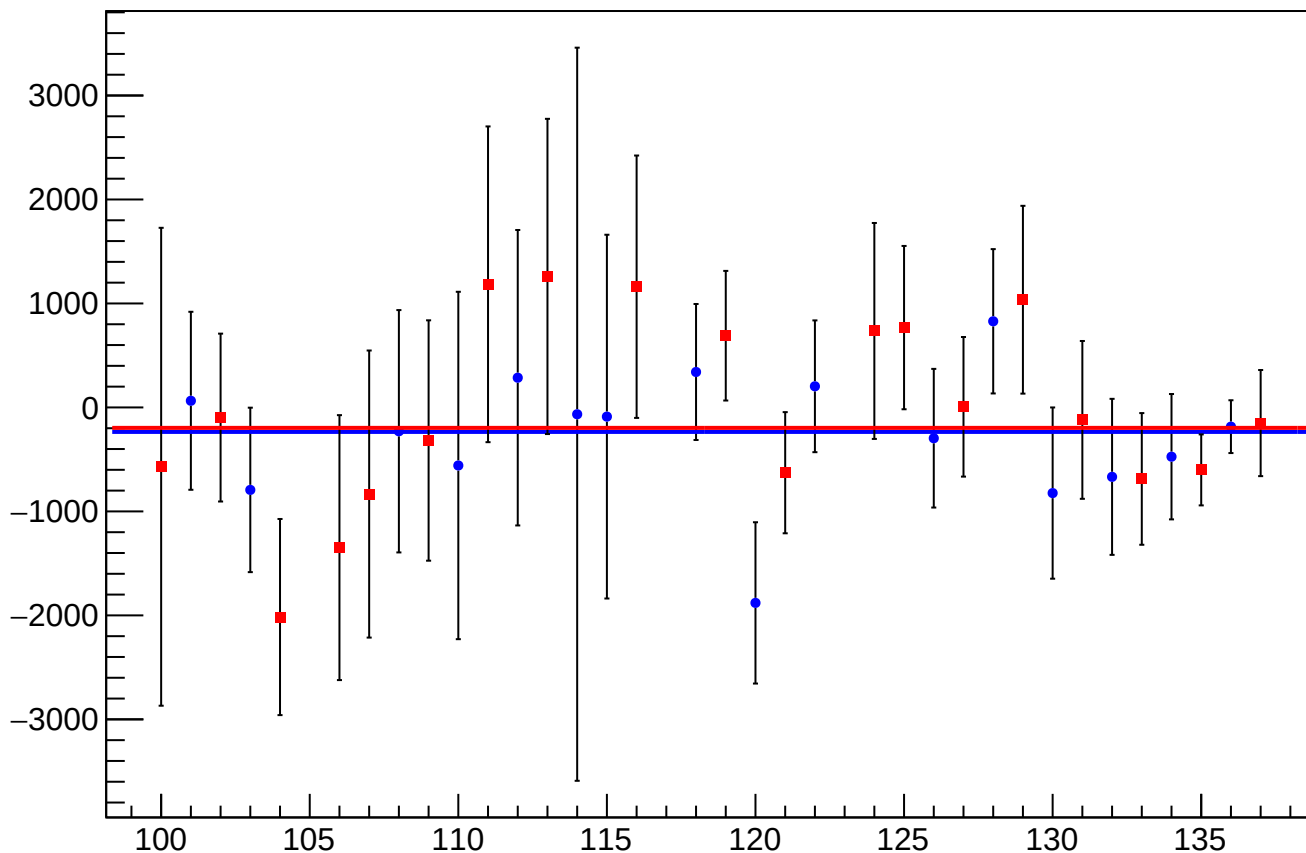
Right: 81.159+/-0.015 χ^2/NDF : 1773264.0/34

In: 80.354+/-0.022 χ^2/NDF :840039.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.159+/-0.015 χ^2/NDF : 1773264.0/34

asym_sam1_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -196.579+/-170.492 χ^2/NDF : 16.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

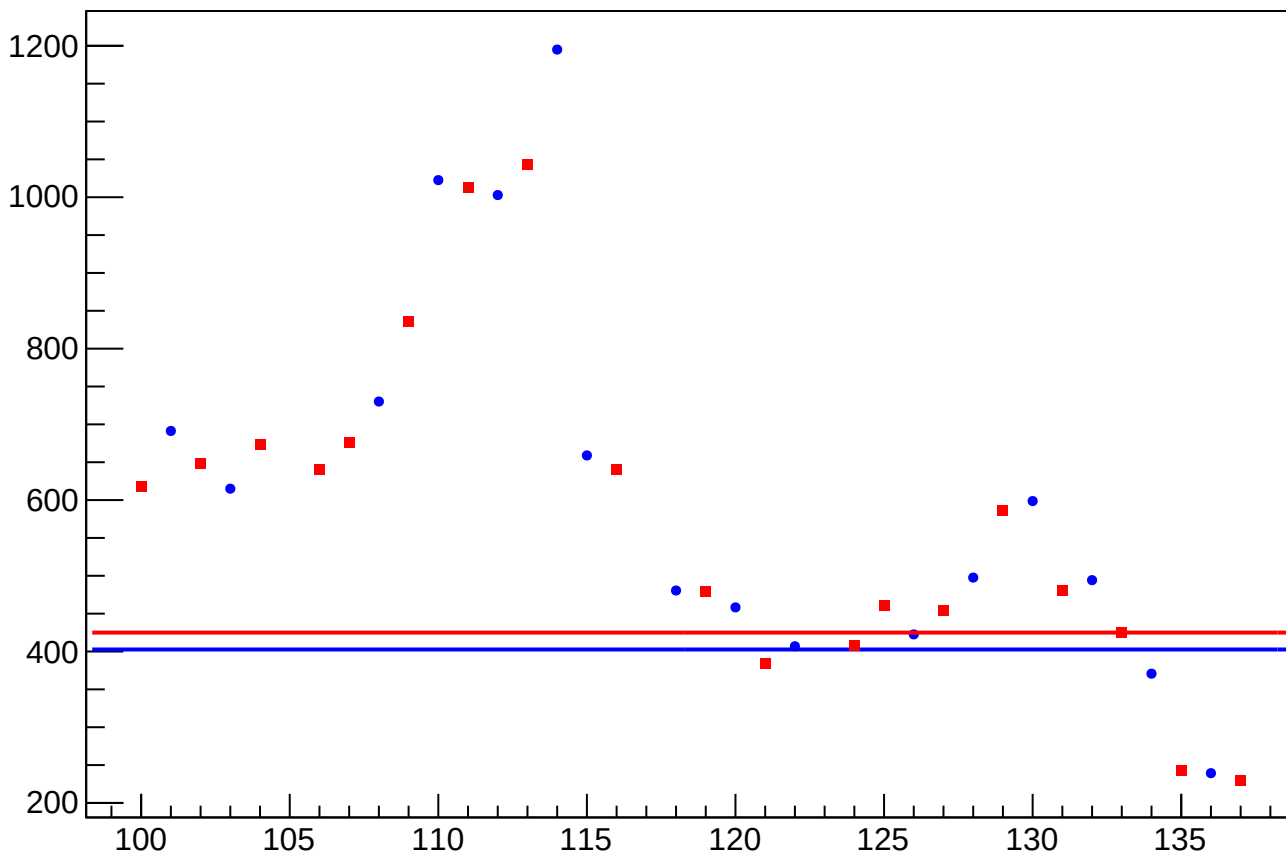
Right: -216.832+/-118.106 χ^2/NDF : 26.5/34

In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.832+/-118.106 χ^2/NDF : 26.5/34

asym_sam1_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 424.988+/-0.121 χ^2/NDF : 2341027.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

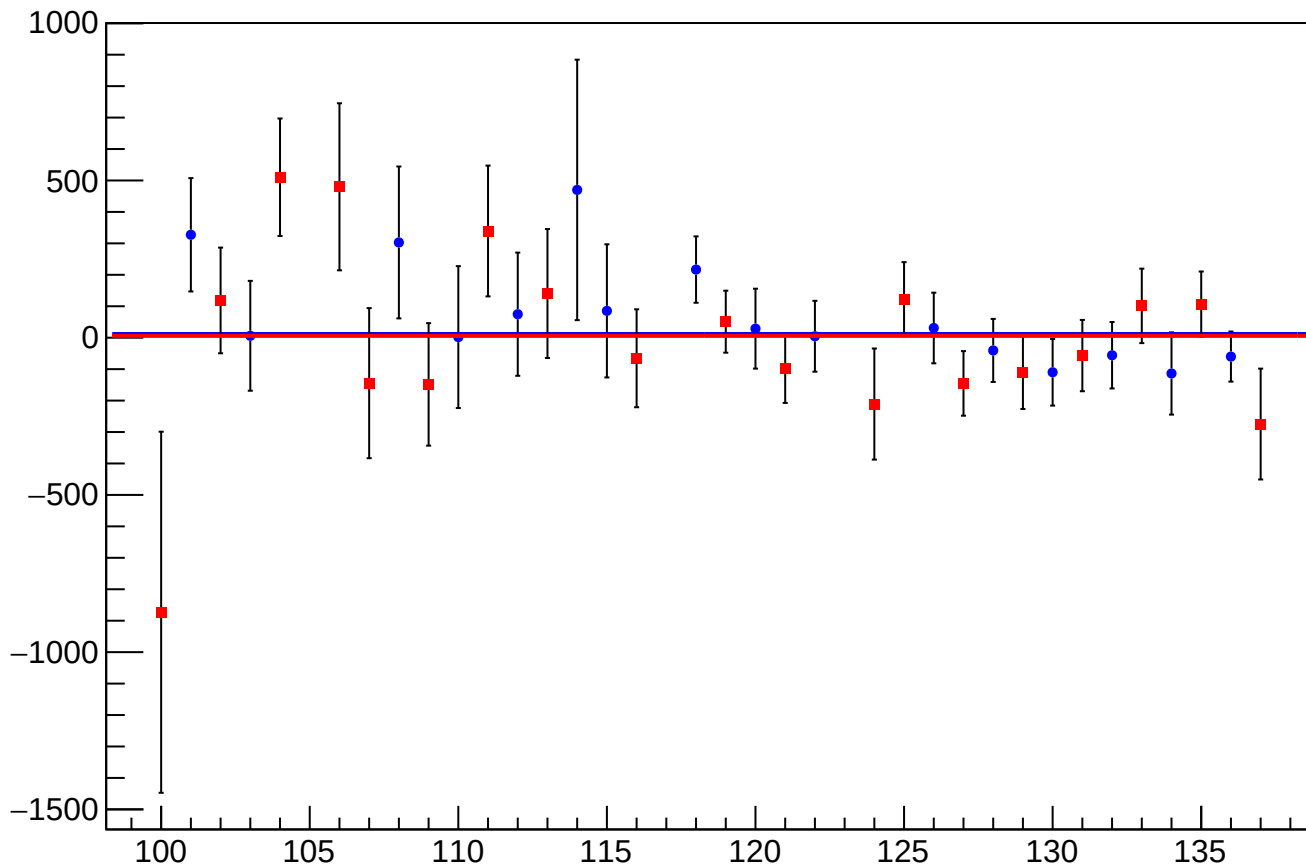
Right: 413.374+/-0.084 χ^2/NDF : 4718958.6/34

In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 413.374+/-0.084 χ^2/NDF : 4718958.6/34

dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 11.651+/-32.297 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.817+/-32.444 χ^2/NDF : 28.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

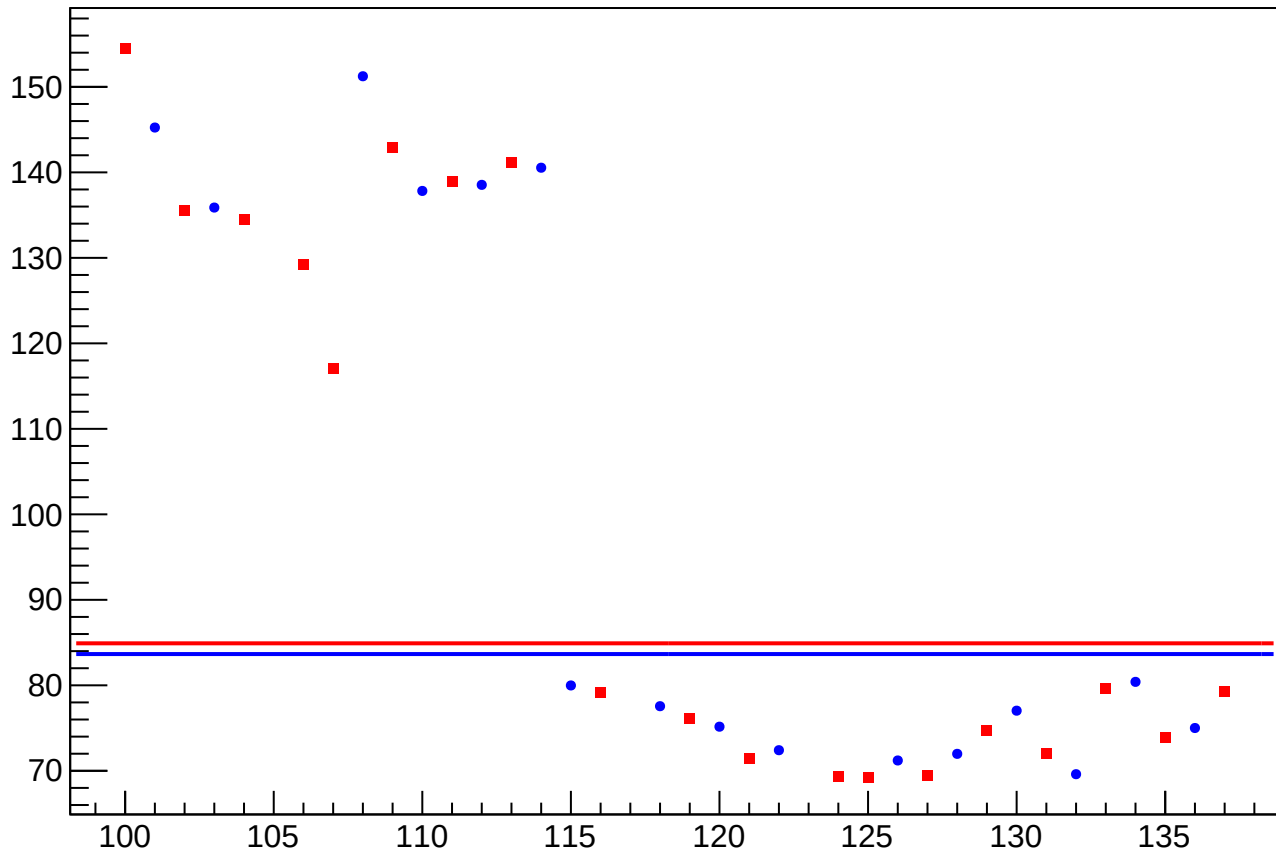
Right: 8.747+/-22.889 χ^2/NDF : 42.3/34

In: 11.651+/-32.297 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.747+/-22.889 χ^2/NDF : 42.3/34

dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.657+/-0.023 χ^2/NDF : 1034794.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 84.913+/-0.023 χ^2/NDF : 1121669.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

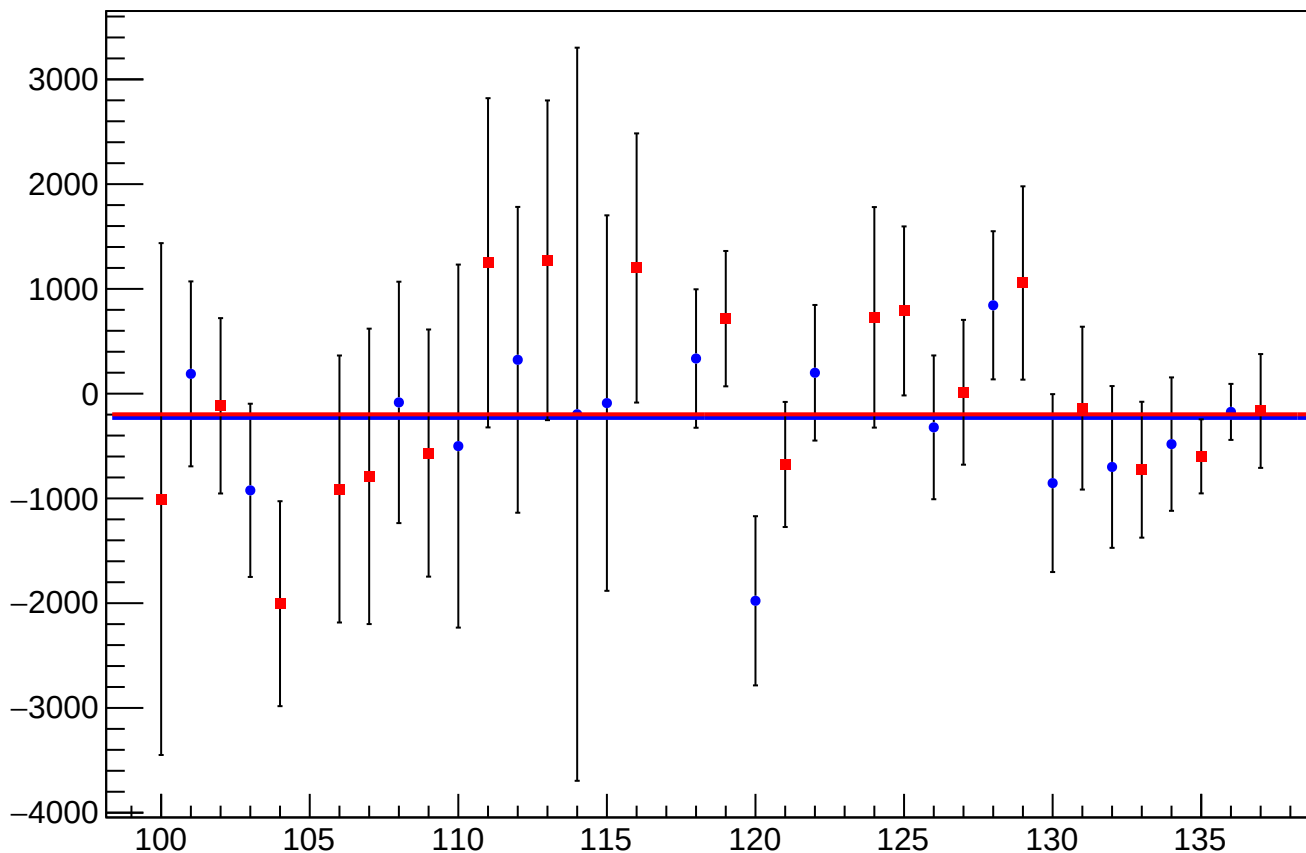
Right: 84.282+/-0.016 χ^2/NDF : 2157969.4/34

In: 83.657+/-0.023 χ^2/NDF :1034794.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.282+/-0.016 χ^2/NDF : 2157969.4/34

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.407 $\pm$ 170.133 χ^2 /NDF: 10.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -197.206 $\pm$ 176.091 χ^2 /NDF: 15.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

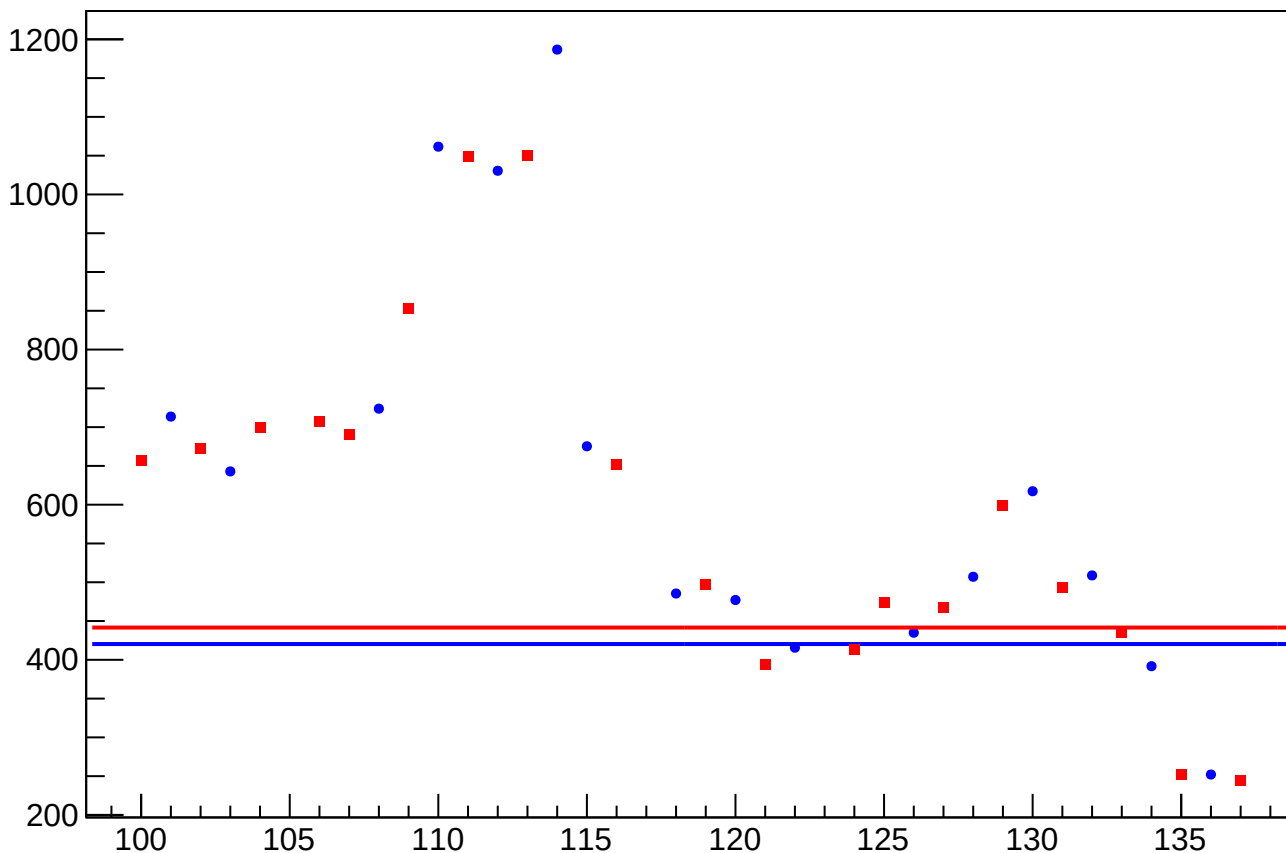
Right: -214.895 $\pm$ 122.354 χ^2 /NDF: 26.3/34

In: -231.407 $\pm$ 170.133 χ^2 /NDF:10.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -214.895 $\pm$ 122.354 χ^2 /NDF: 26.3/34

asym_sam1_dit_correction_rms vs Slug, Sign Corrected



Right In: 420.329+/-0.120 χ^2/NDF : 2254610.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.598+/-0.125 χ^2/NDF : 2307588.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

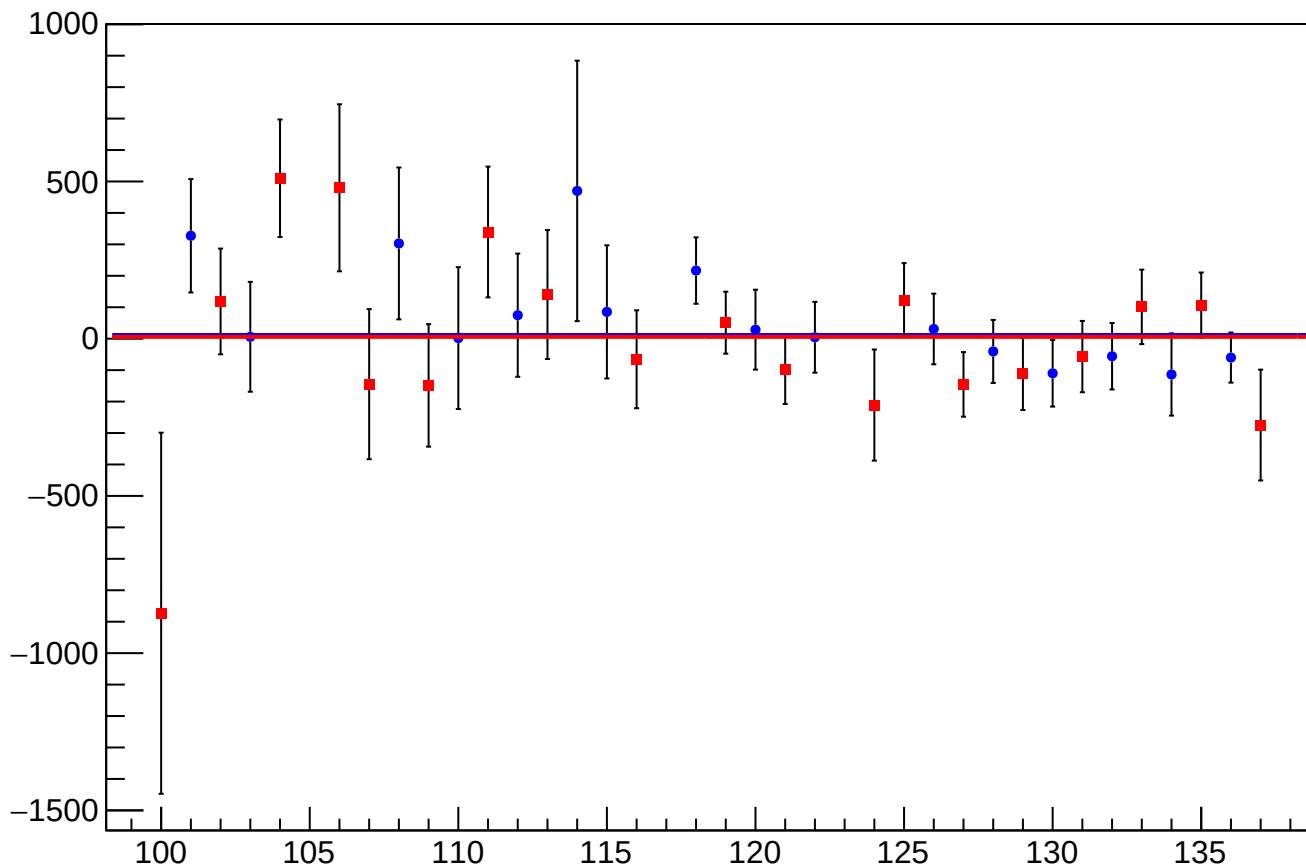
Right: 430.598+/-0.087 χ^2/NDF : 4577288.4/34

In: 420.329+/-0.120 χ^2/NDF : 2254610.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.598+/-0.087 χ^2/NDF : 4577288.4/34

eigen_dit_asym_sam1_mean vs Slug, Sign Corrected



Right In: 11.652+/-32.297 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.816+/-32.444 χ^2/NDF : 28.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

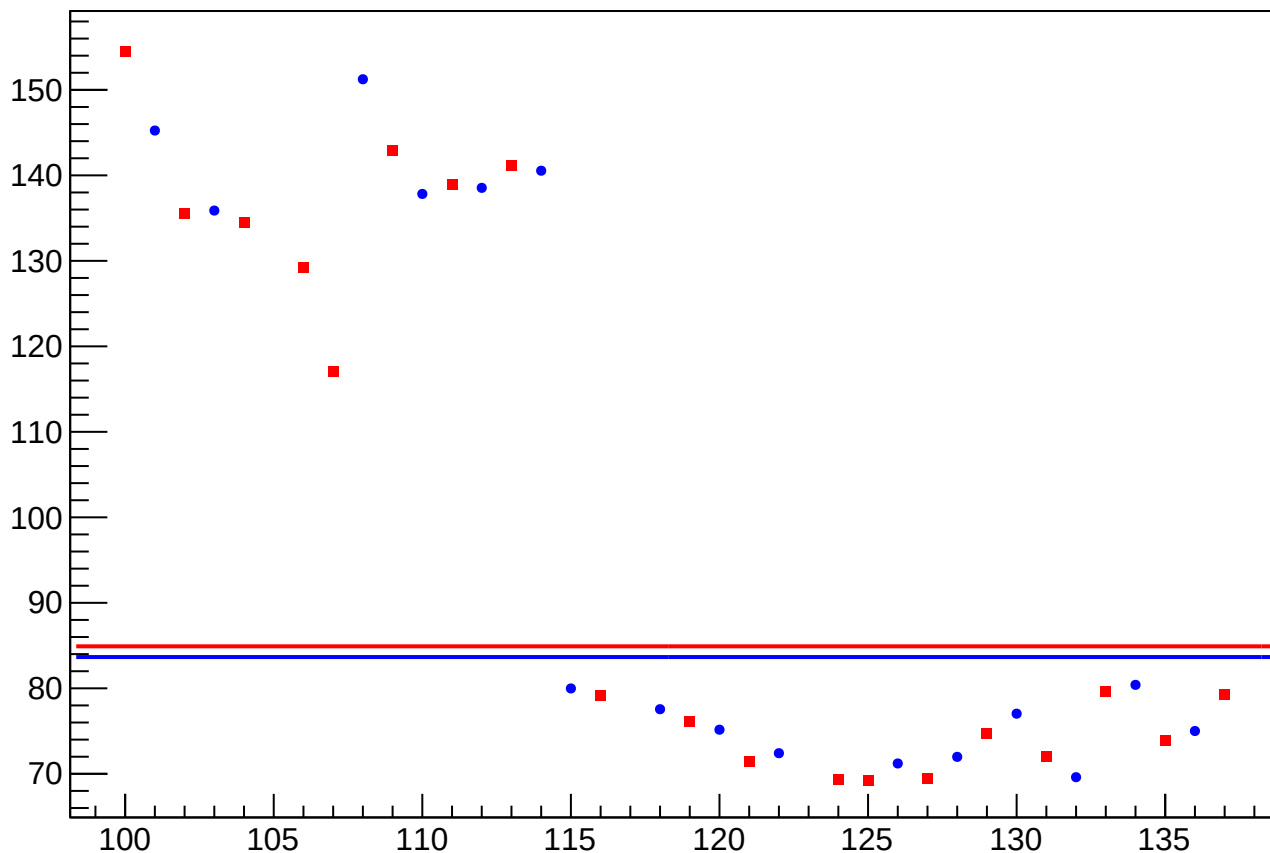
Right: 8.747+/-22.889 χ^2/NDF : 42.3/34

In: 11.652+/-32.297 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.747+/-22.889 χ^2/NDF : 42.3/34

eigen_dit_asym_sam1_rms vs Slug, Sign Corrected



Right In: 83.657+/-0.023 χ^2/NDF : 1034794.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 84.913+/-0.023 χ^2/NDF : 1121668.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

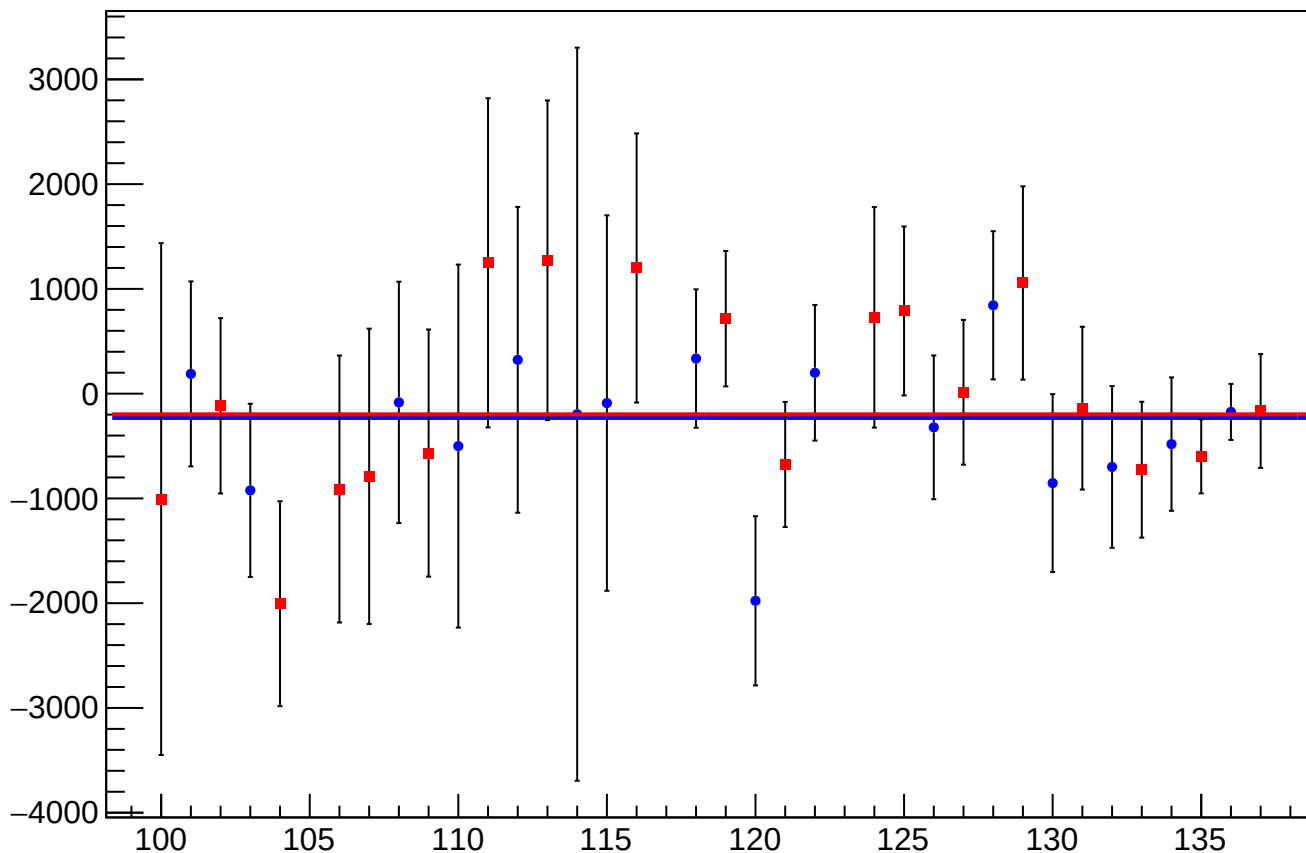
Right: 84.282+/-0.016 χ^2/NDF : 2157967.8/34

In: 83.657+/-0.023 χ^2/NDF :1034794.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.282+/-0.016 χ^2/NDF : 2157967.8/34

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.405 $\pm$ 170.132 χ^2 /NDF: 10.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -197.207 $\pm$ 176.091 χ^2 /NDF: 15.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

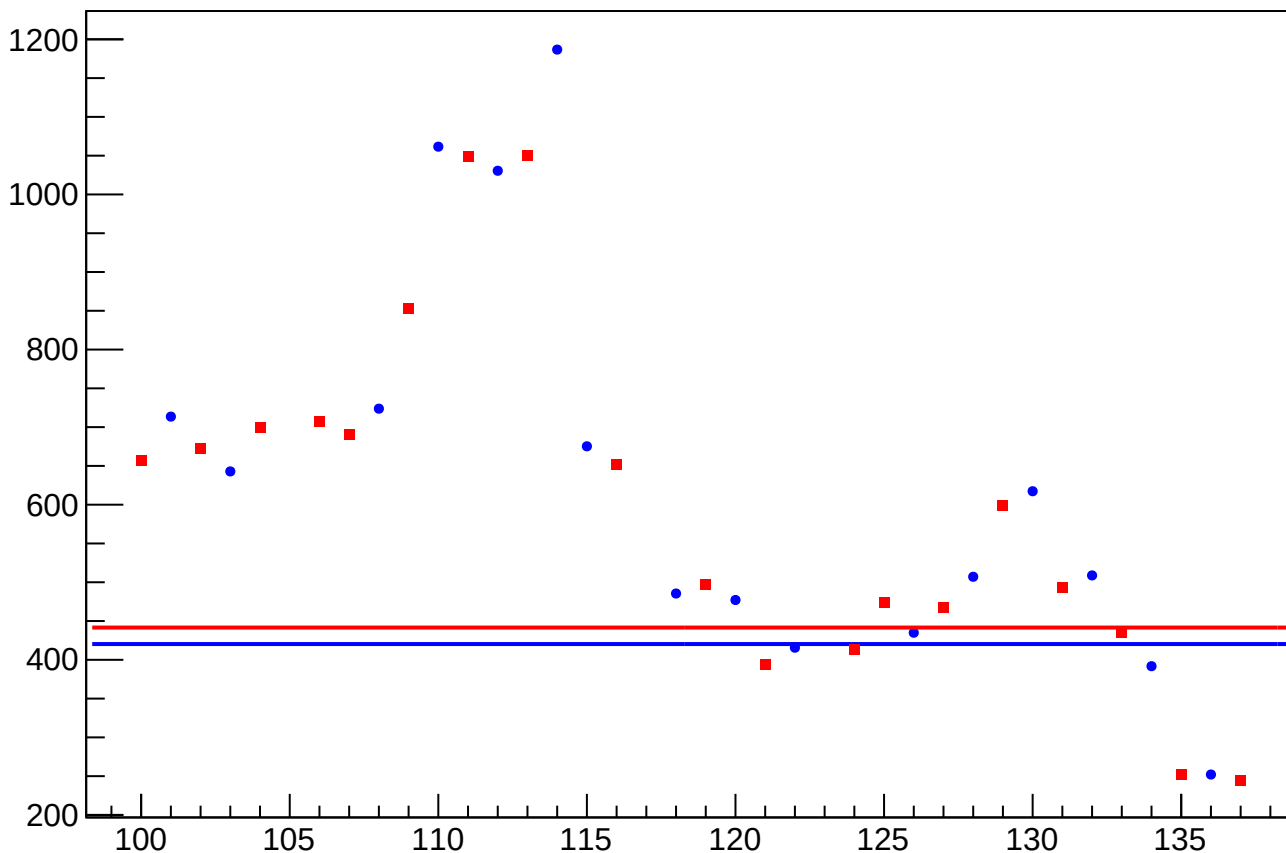
Right: -214.894 $\pm$ 122.354 χ^2 /NDF: 26.3/34

In: -231.405 $\pm$ 170.132 χ^2 /NDF:10.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -214.894 $\pm$ 122.354 χ^2 /NDF: 26.3/34

asym_sam1_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 420.329+/-0.120 χ^2/NDF : 2254614.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 441.597+/-0.125 χ^2/NDF : 2307595.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

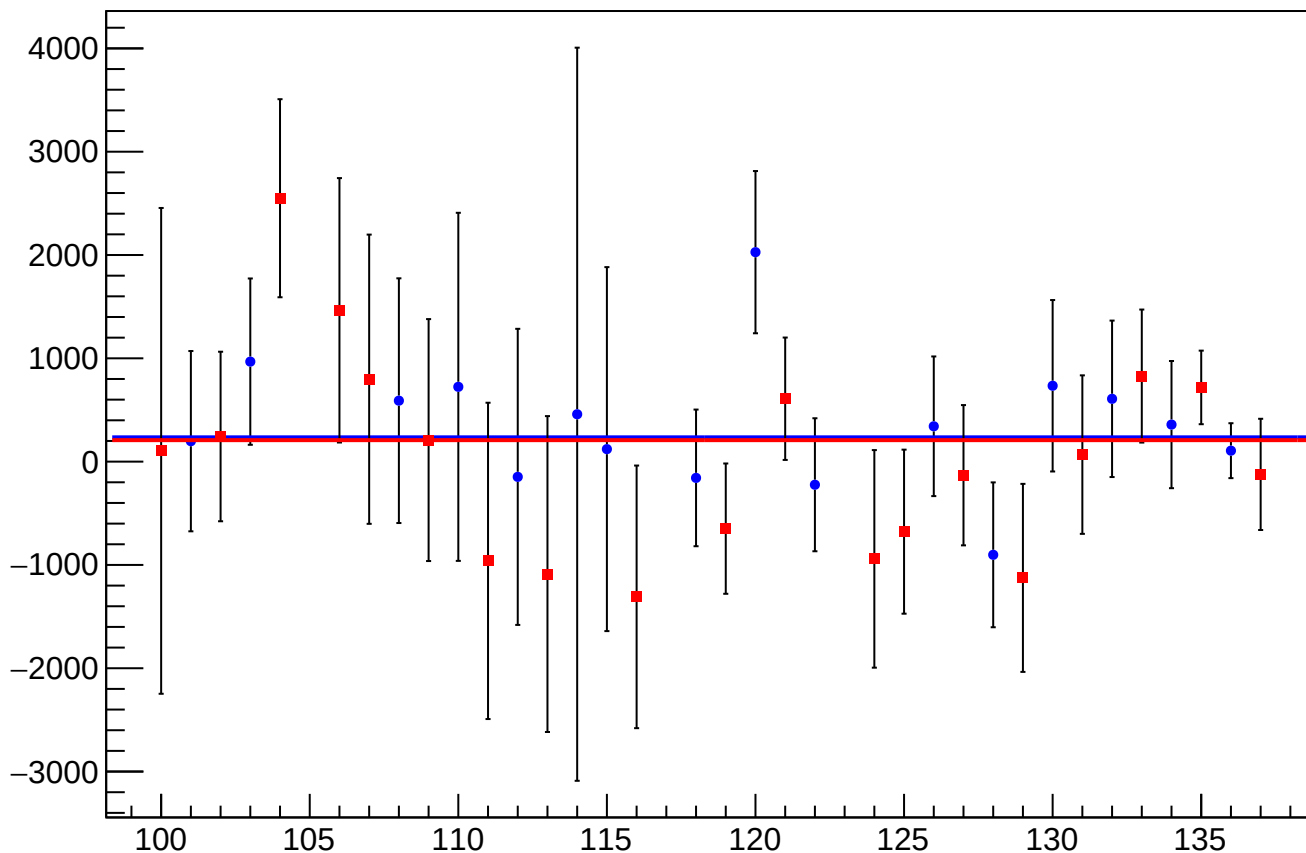
Right: 430.597+/-0.087 χ^2/NDF : 4577299.7/34

In: 420.329+/-0.120 χ^2/NDF : 2254614.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 430.597+/-0.087 χ^2/NDF : 4577299.7/34

asym_sam1_mean vs Slug, Sign Corrected



Right In: 235.054 $\pm$ 168.199 χ^2 /NDF: 10.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 207.936 $\pm$ 174.716 χ^2 /NDF: 20.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

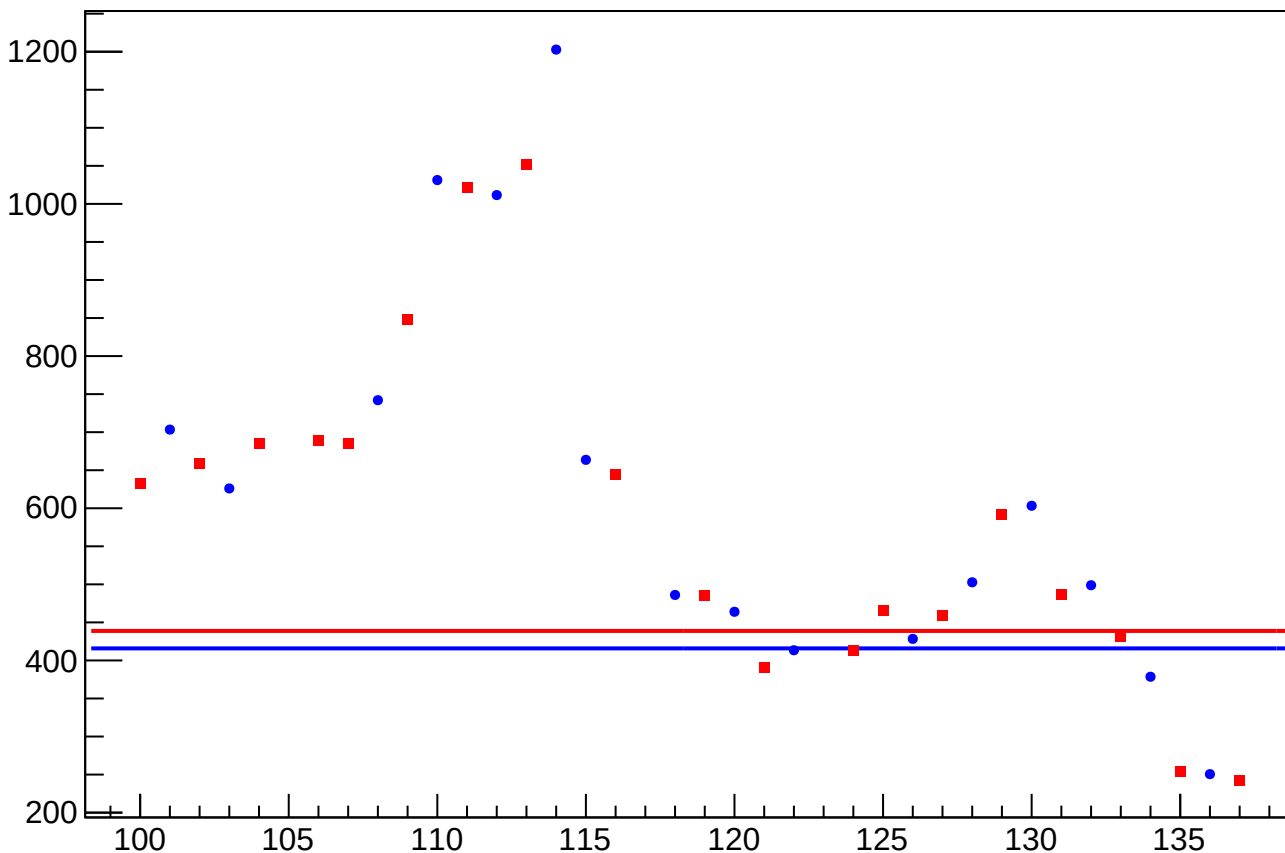
Right: 222.010 $\pm$ 121.173 χ^2 /NDF: 31.1/34

In: 235.054 $\pm$ 168.199 χ^2 /NDF:10.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 222.010 $\pm$ 121.173 χ^2 /NDF: 31.1/34

asym_sam1_rms vs Slug, Sign Corrected



Right In: 415.840+/-0.119 χ^2/NDF : 2223949.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.773+/-0.124 χ^2/NDF : 2234776.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

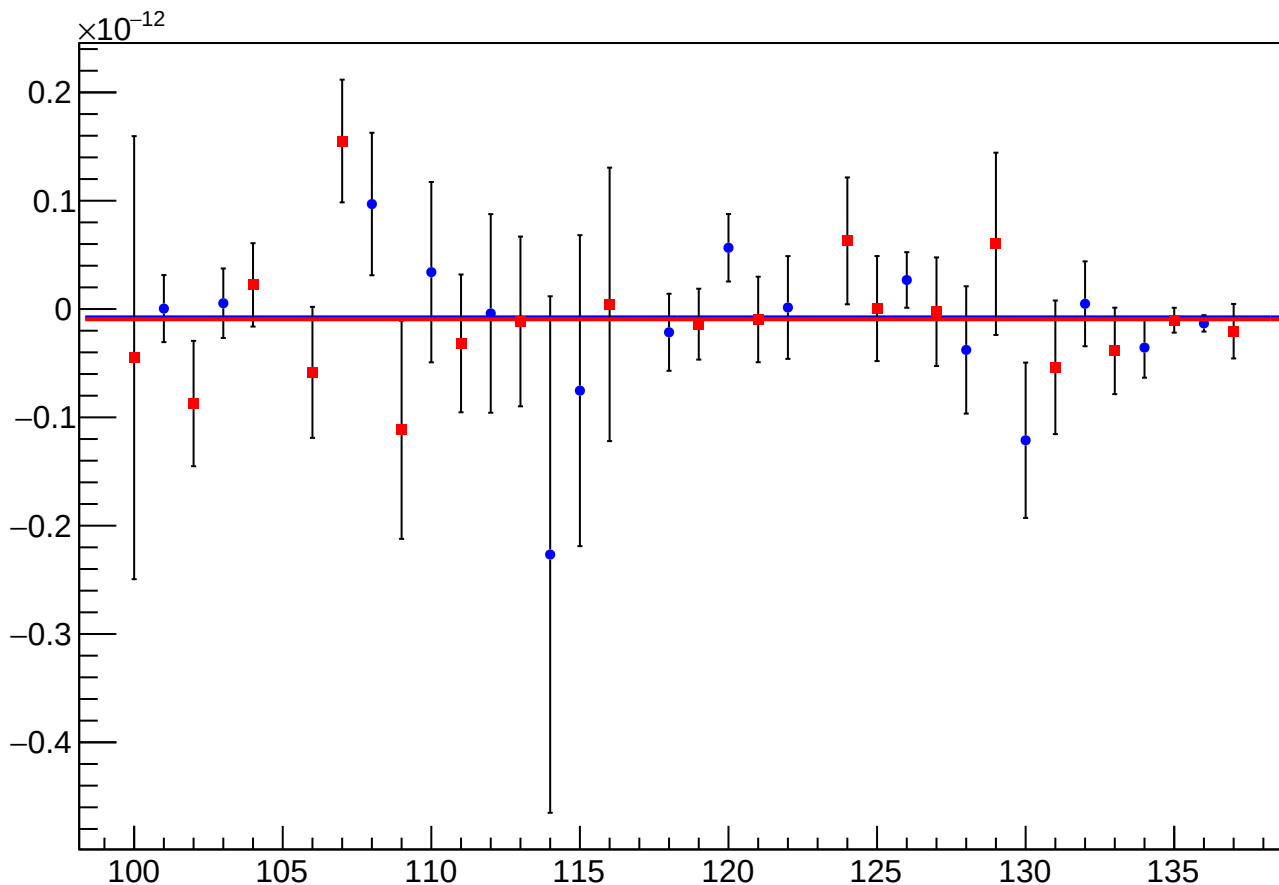
Right: 426.871+/-0.086 χ^2/NDF : 4476610.3/34

In: 415.840+/-0.119 χ^2/NDF : 2223949.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 426.871+/-0.086 χ^2/NDF : 4476610.3/34

asym_sam1_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

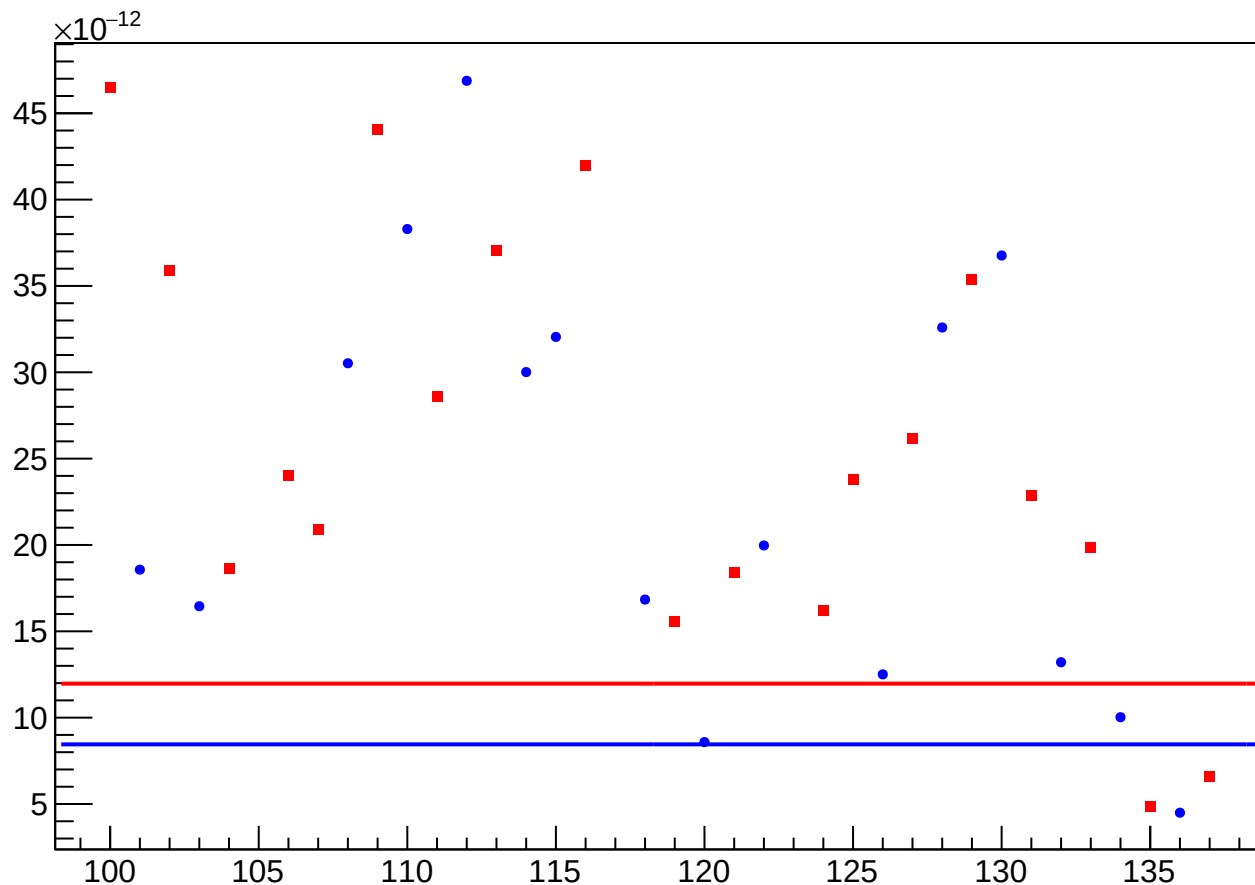
Right: -0.000+/-0.000 χ^2/NDF : 31.1/34

In: -0.000+/-0.000 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.1/34

asym_sam1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2756090.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2760154.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

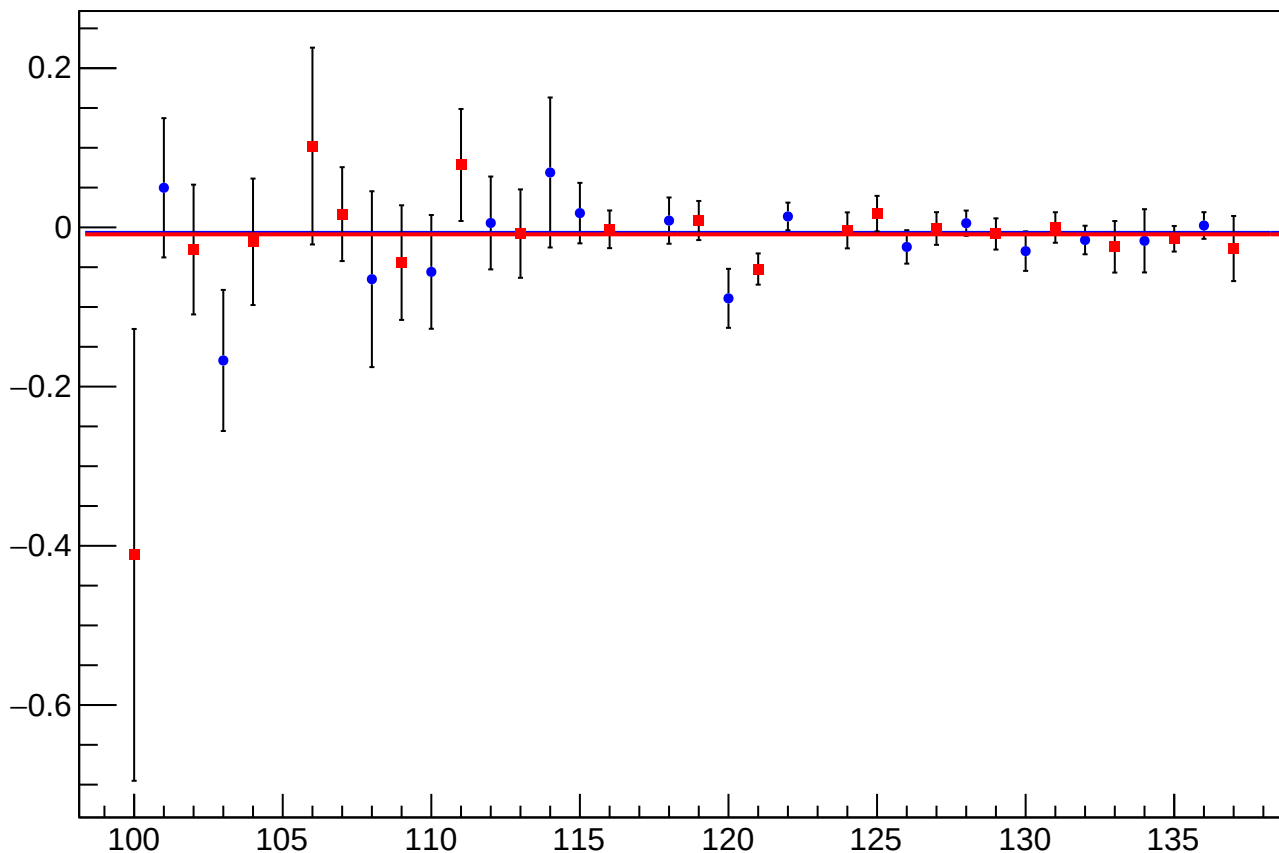
Right: 0.000+/-0.000 χ^2/NDF : 5753139.7/34

In: 0.000+/-0.000 χ^2/NDF :2756090.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5753139.7/34

asym_sam1_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.006 χ^2/NDF : 12.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

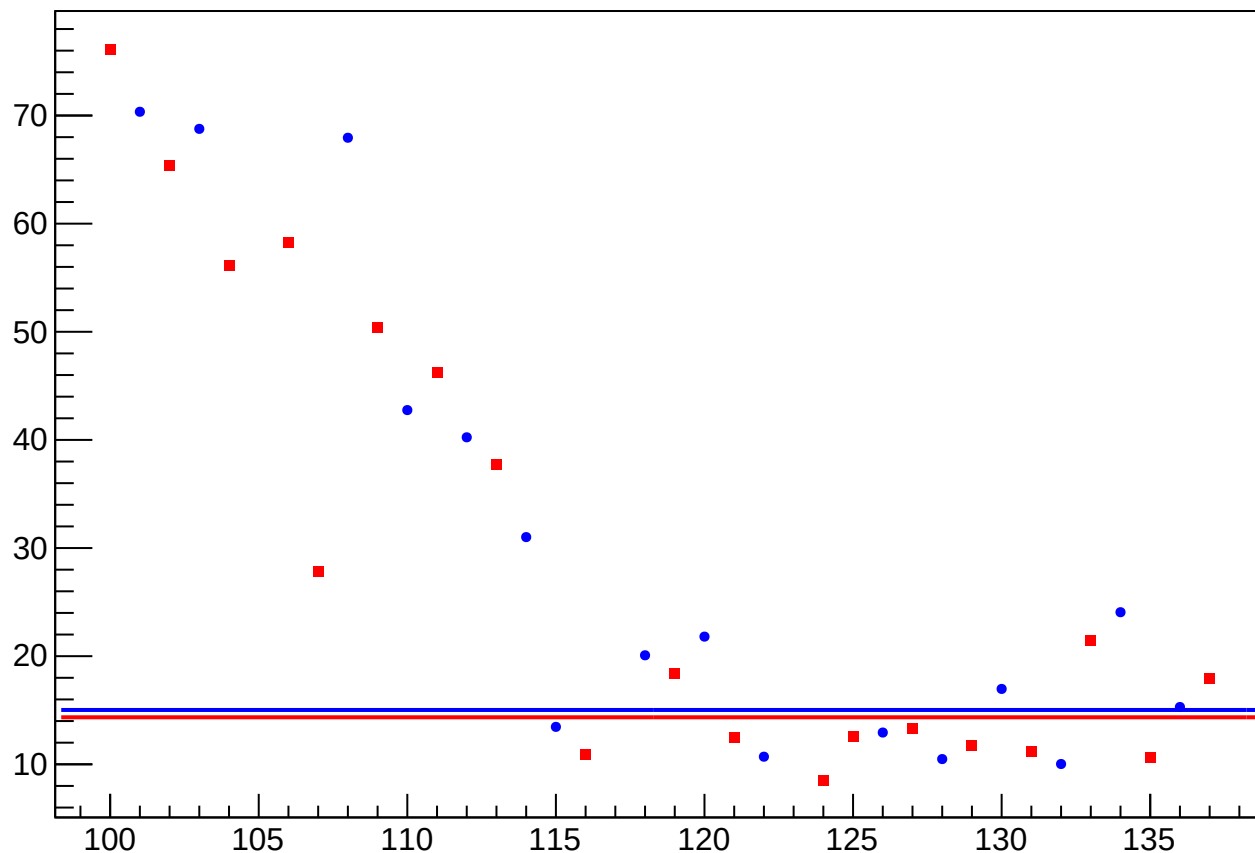
Right: -0.008 ± 0.005 χ^2/NDF : 27.6/34

In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.005 χ^2/NDF : 27.6/34

asym_sam1_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.026+/-0.005 χ^2/NDF : 3438260.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF : 3629014.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

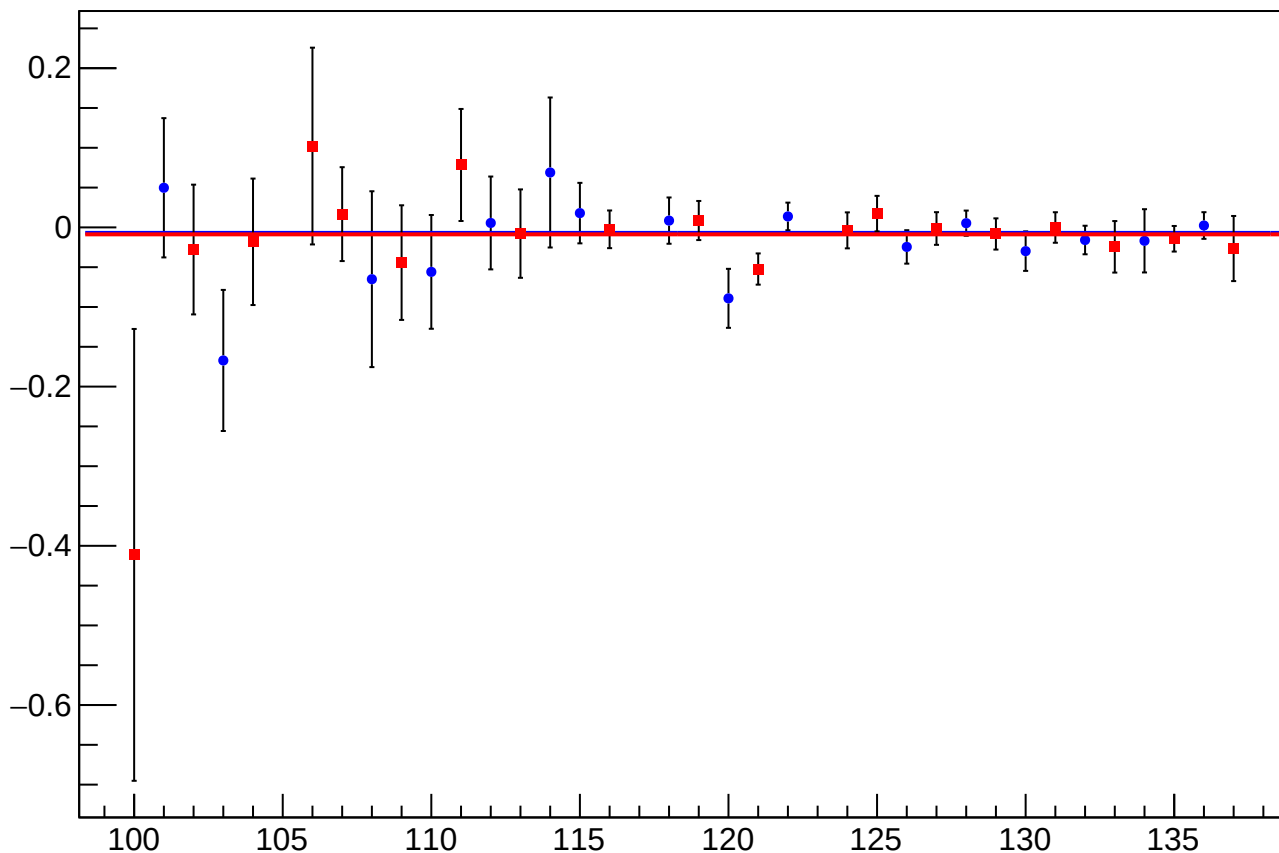
Right: 14.669+/-0.003 χ^2/NDF : 7077933.0/34

In: 15.026+/-0.005 χ^2/NDF : 3438260.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.669+/-0.003 χ^2/NDF : 7077933.0/34

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.006 χ^2/NDF : 12.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

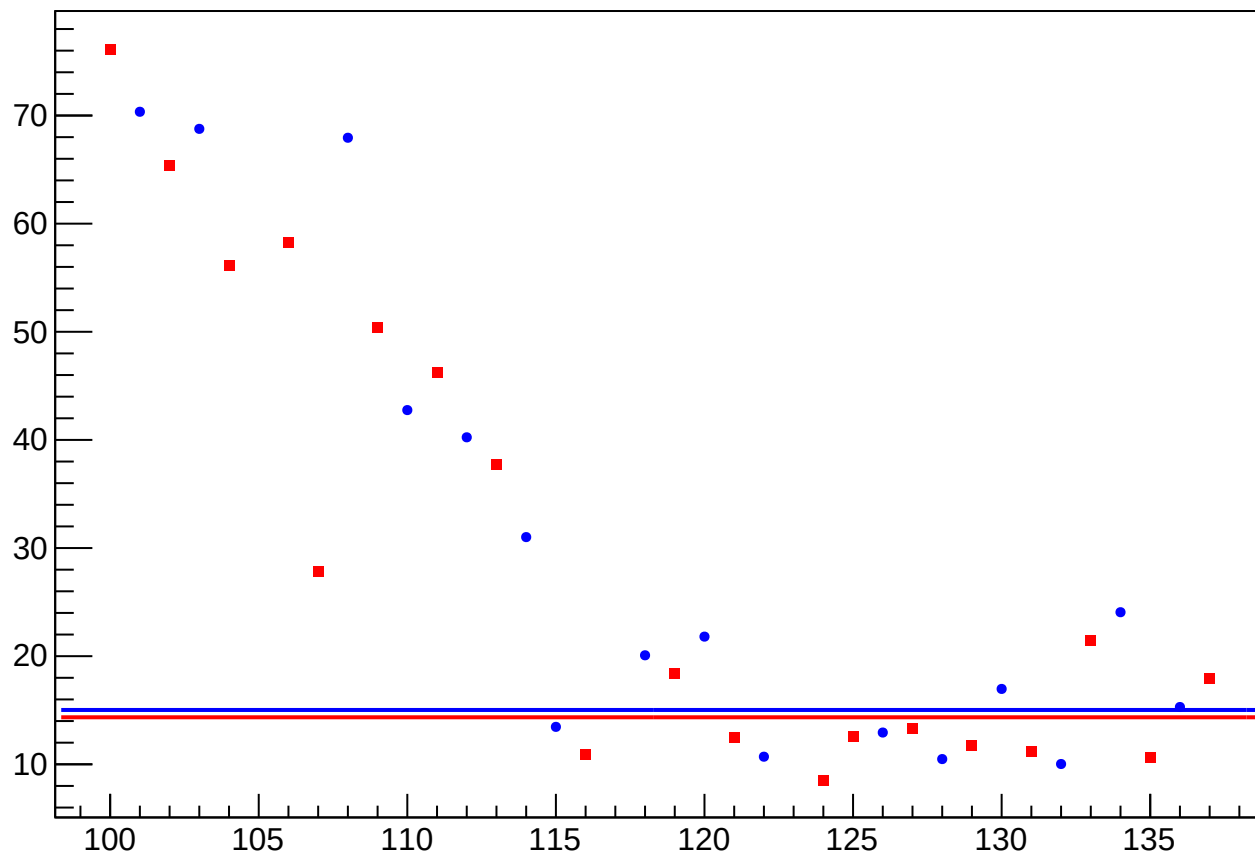
Right: -0.008 ± 0.005 χ^2/NDF : 27.6/34

In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.005 χ^2/NDF : 27.6/34

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.026+/-0.005 χ^2/NDF : 3438260.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF : 3629014.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

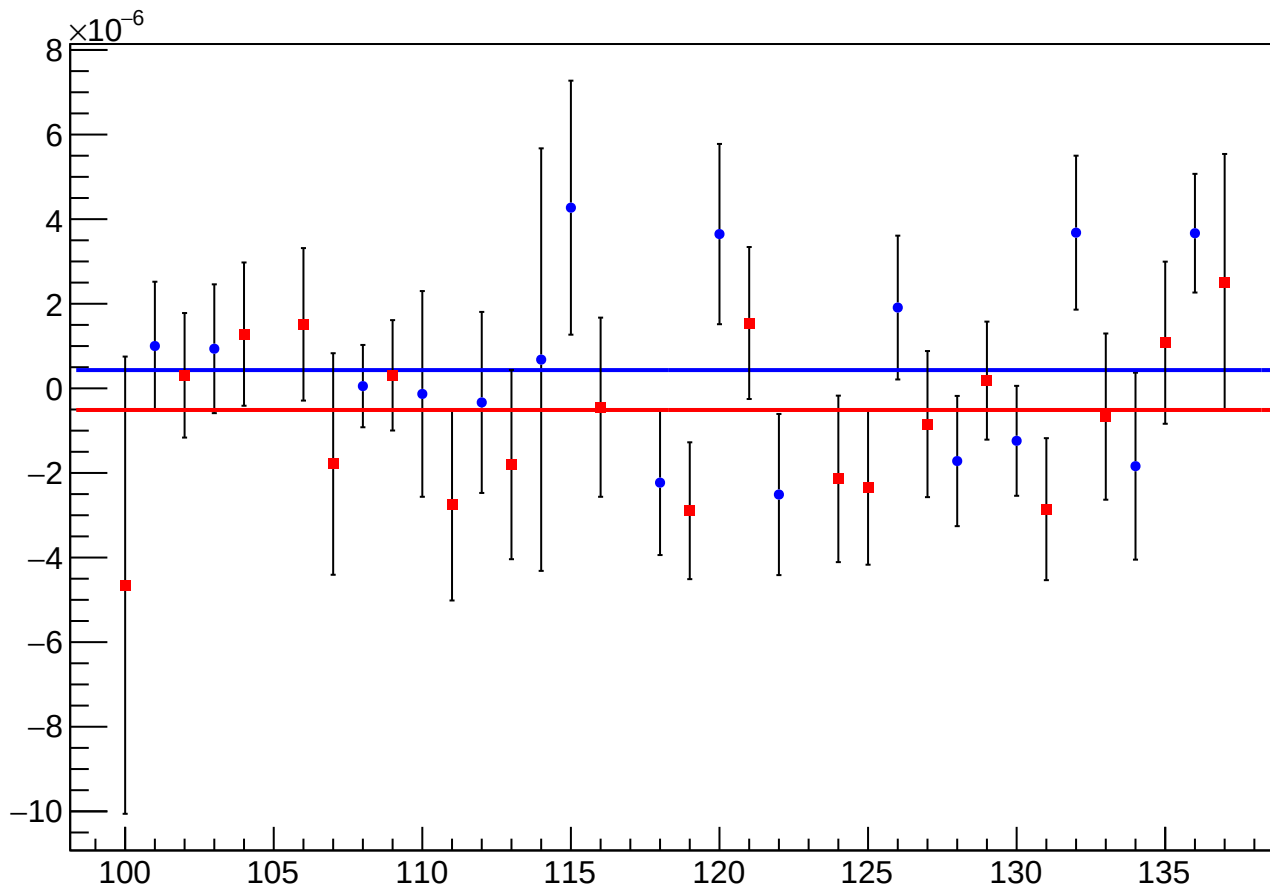
Right: 14.669+/-0.003 χ^2/NDF : 7077933.0/34

In: 15.026+/-0.005 χ^2/NDF :3438260.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.669+/-0.003 χ^2/NDF : 7077933.0/34

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

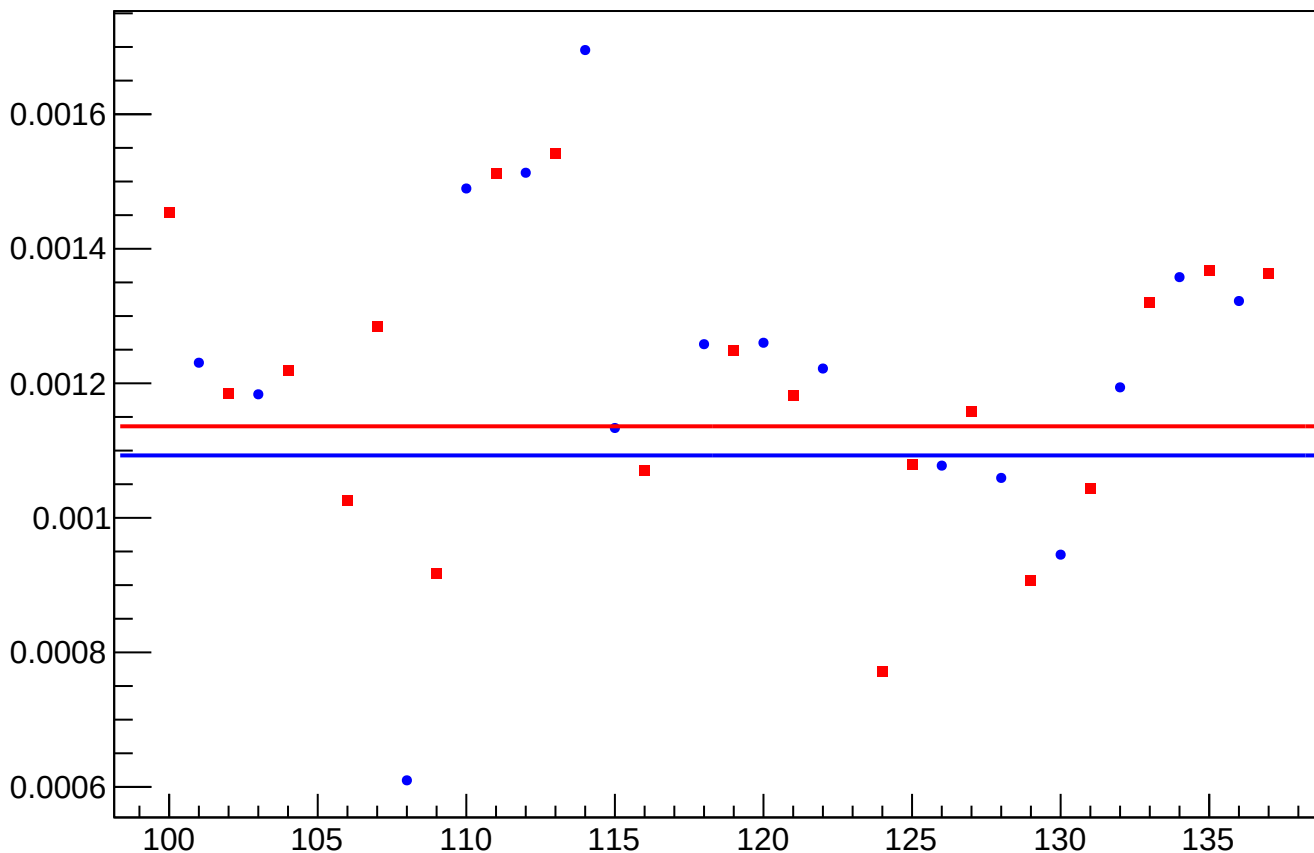
Right: -0.000+/-0.000 χ^2/NDF : 40.0/34

In: 0.000+/-0.000 χ^2/NDF : 23.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.0/34

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 831840.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 407257.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

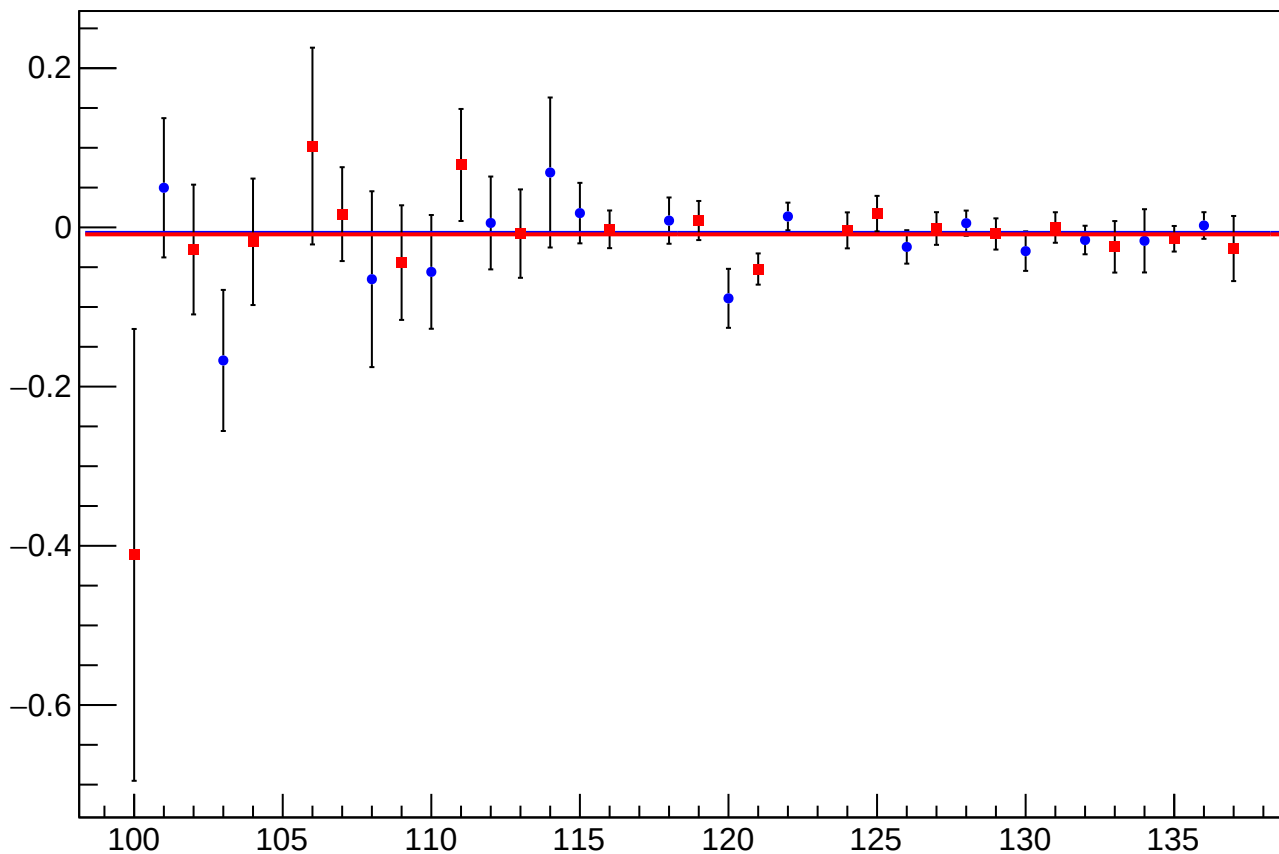
Right: 0.001+/-0.000 χ^2/NDF : 1249651.9/34

In: 0.001+/-0.000 χ^2/NDF :831840.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1249651.9/34

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 $\pm$ 0.007 χ^2 /NDF: 14.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.006 χ^2 /NDF: 12.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

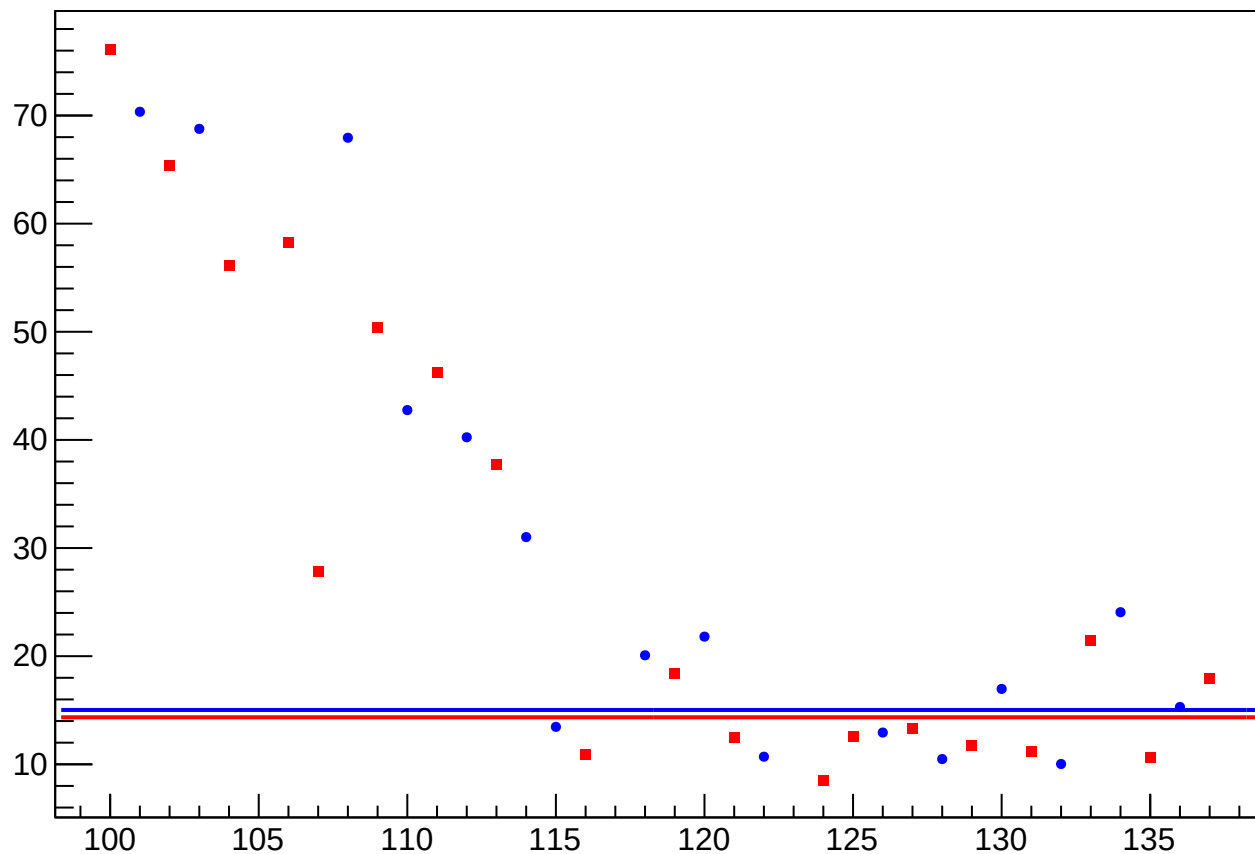
Right: -0.008 $\pm$ 0.005 χ^2 /NDF: 27.6/34

In: -0.007 $\pm$ 0.007 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.008 $\pm$ 0.005 χ^2 /NDF: 27.6/34

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.025+/-0.005 χ^2/NDF : 3438279.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF : 3629004.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

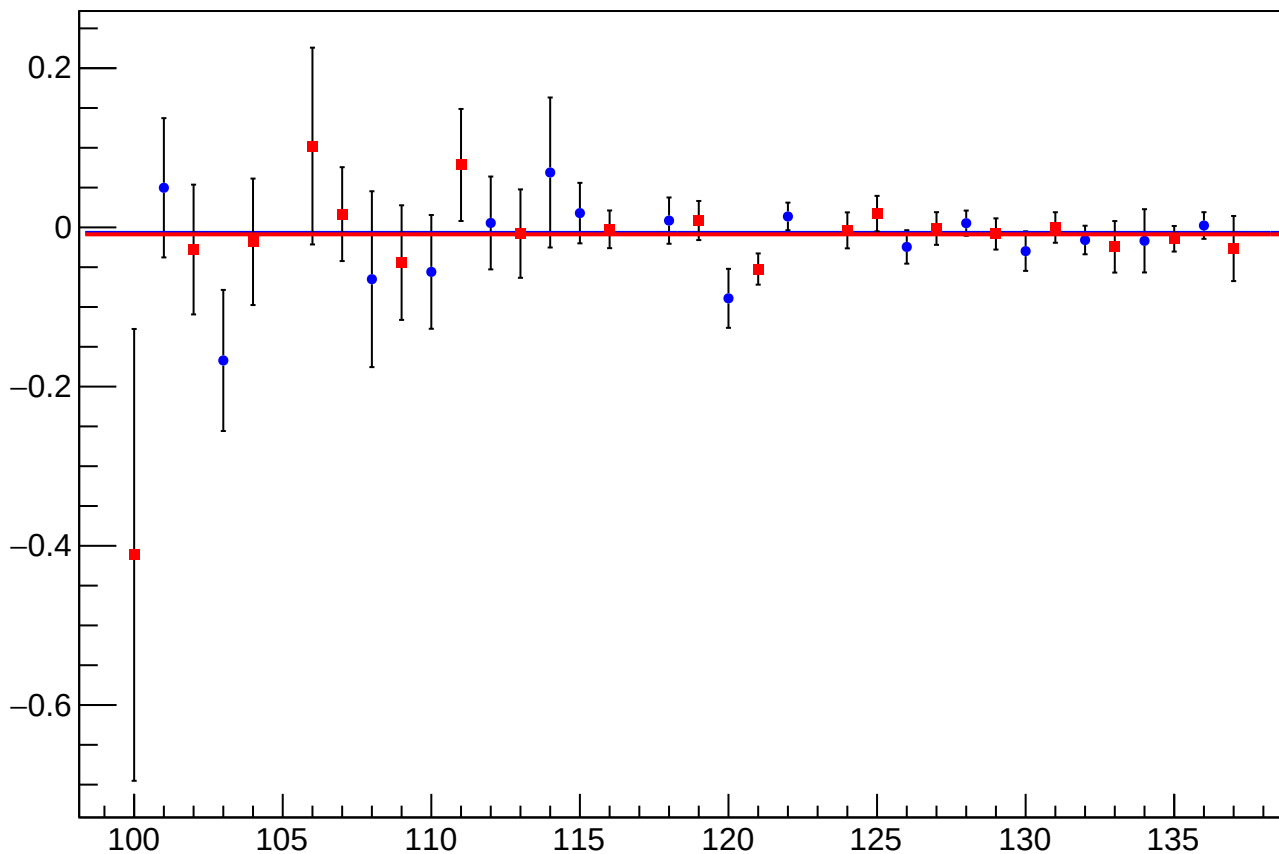
Right: 14.669+/-0.003 χ^2/NDF : 7077938.8/34

In: 15.025+/-0.005 χ^2/NDF :3438279.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.669+/-0.003 χ^2/NDF : 7077938.8/34

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.006 χ^2/NDF : 12.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

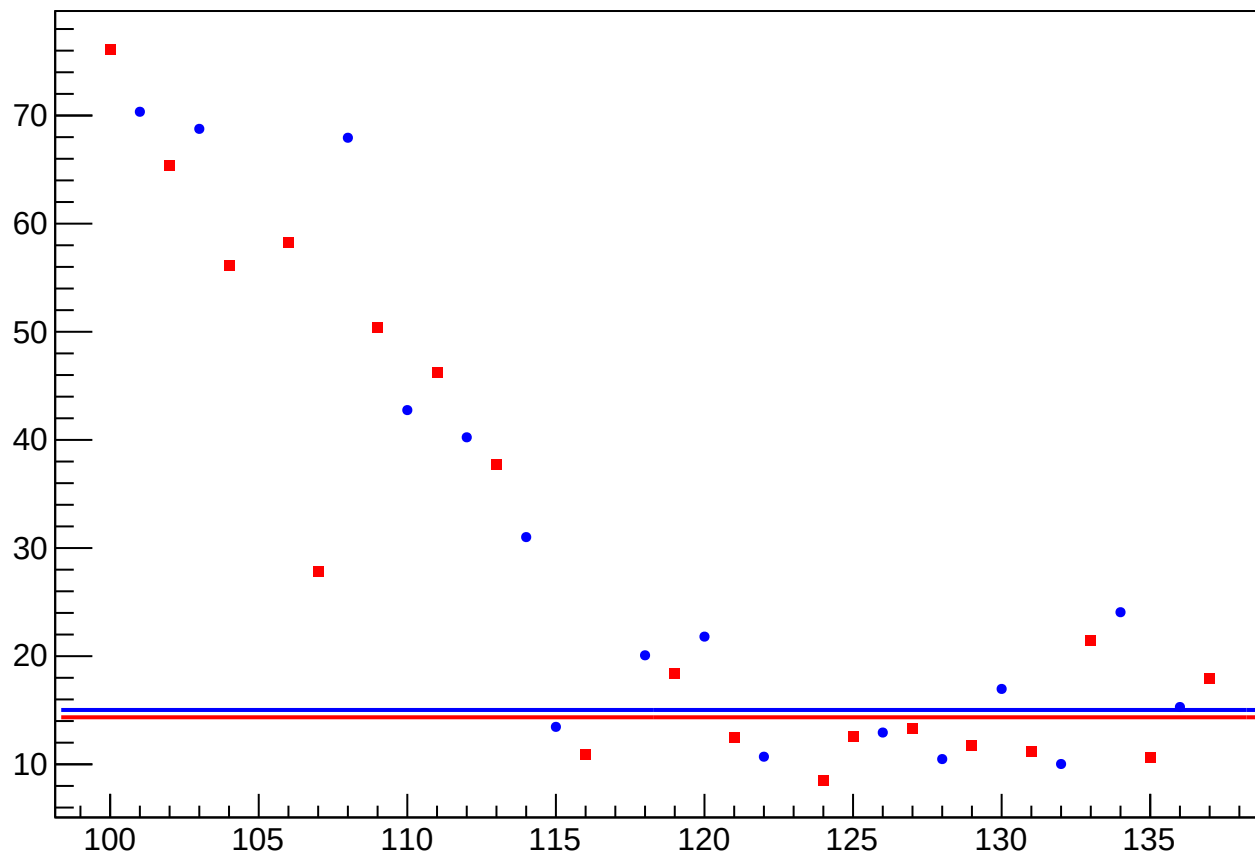
Right: -0.008 ± 0.005 χ^2/NDF : 27.6/34

In: -0.007 ± 0.007 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.005 χ^2/NDF : 27.6/34

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 15.025+/-0.005 χ^2/NDF : 3438279.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 14.348+/-0.005 χ^2/NDF : 3629004.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

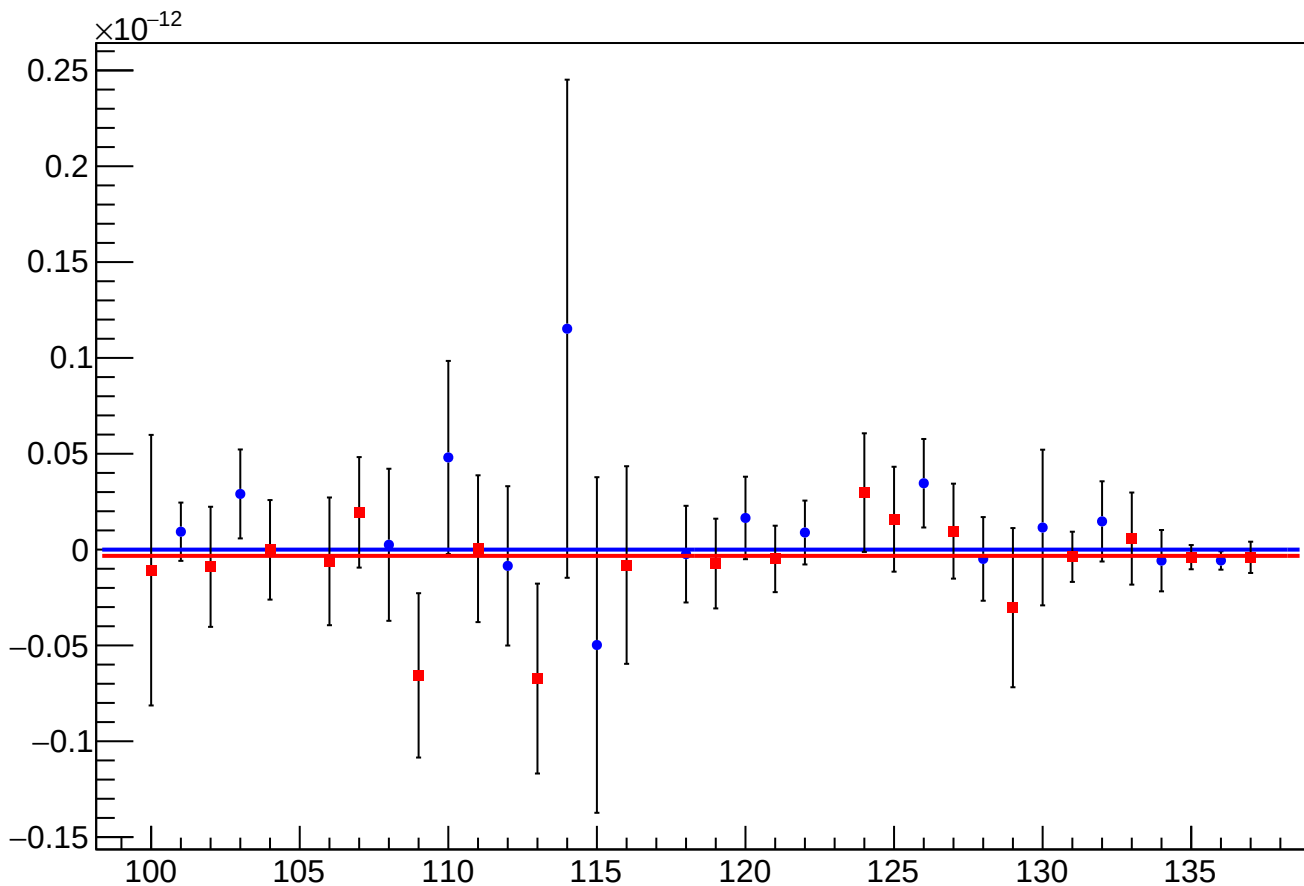
Right: 14.669+/-0.003 χ^2/NDF : 7077938.8/34

In: 15.025+/-0.005 χ^2/NDF :3438279.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.669+/-0.003 χ^2/NDF : 7077938.8/34

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 7.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

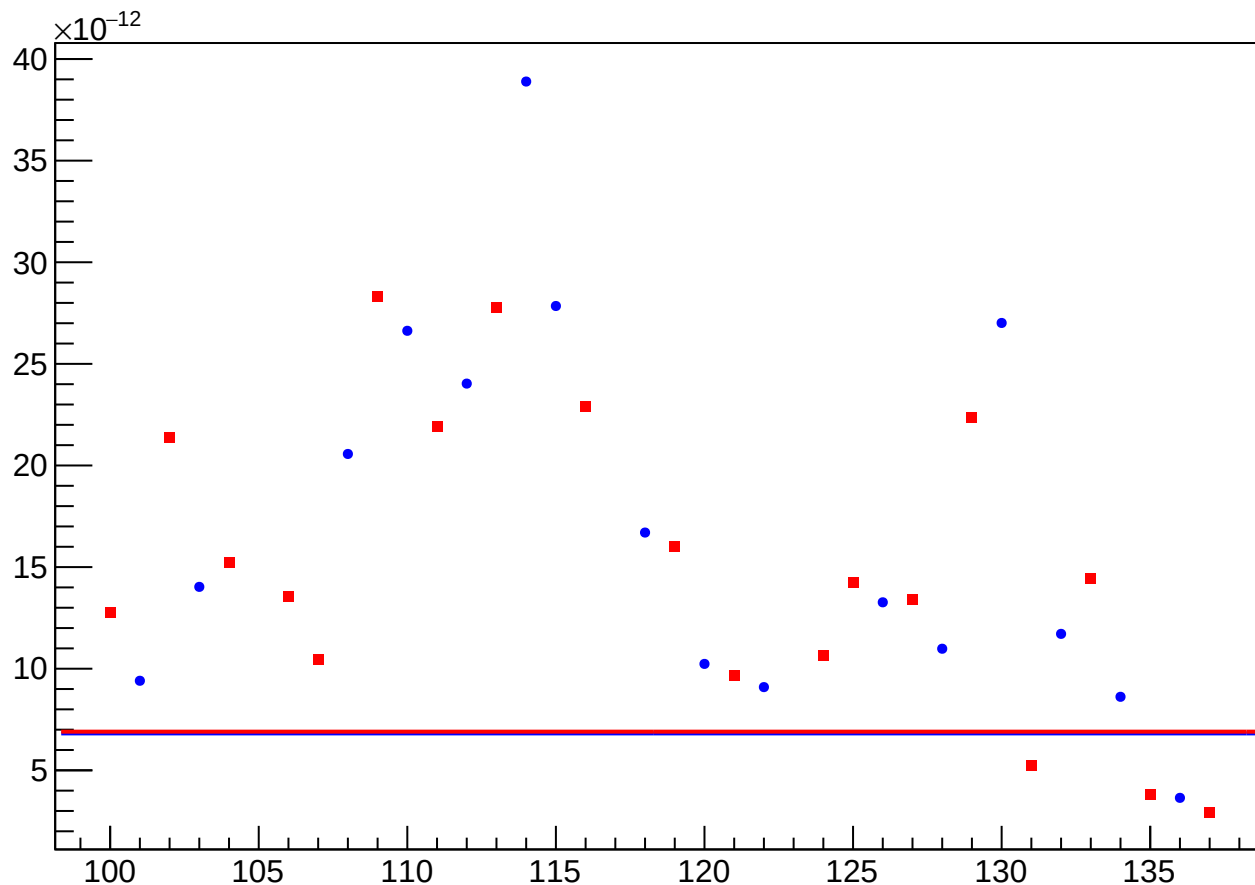
Right: -0.000+/-0.000 χ^2/NDF : 16.7/34

In: -0.000+/-0.000 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 16.7/34

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3511411.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4241227.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

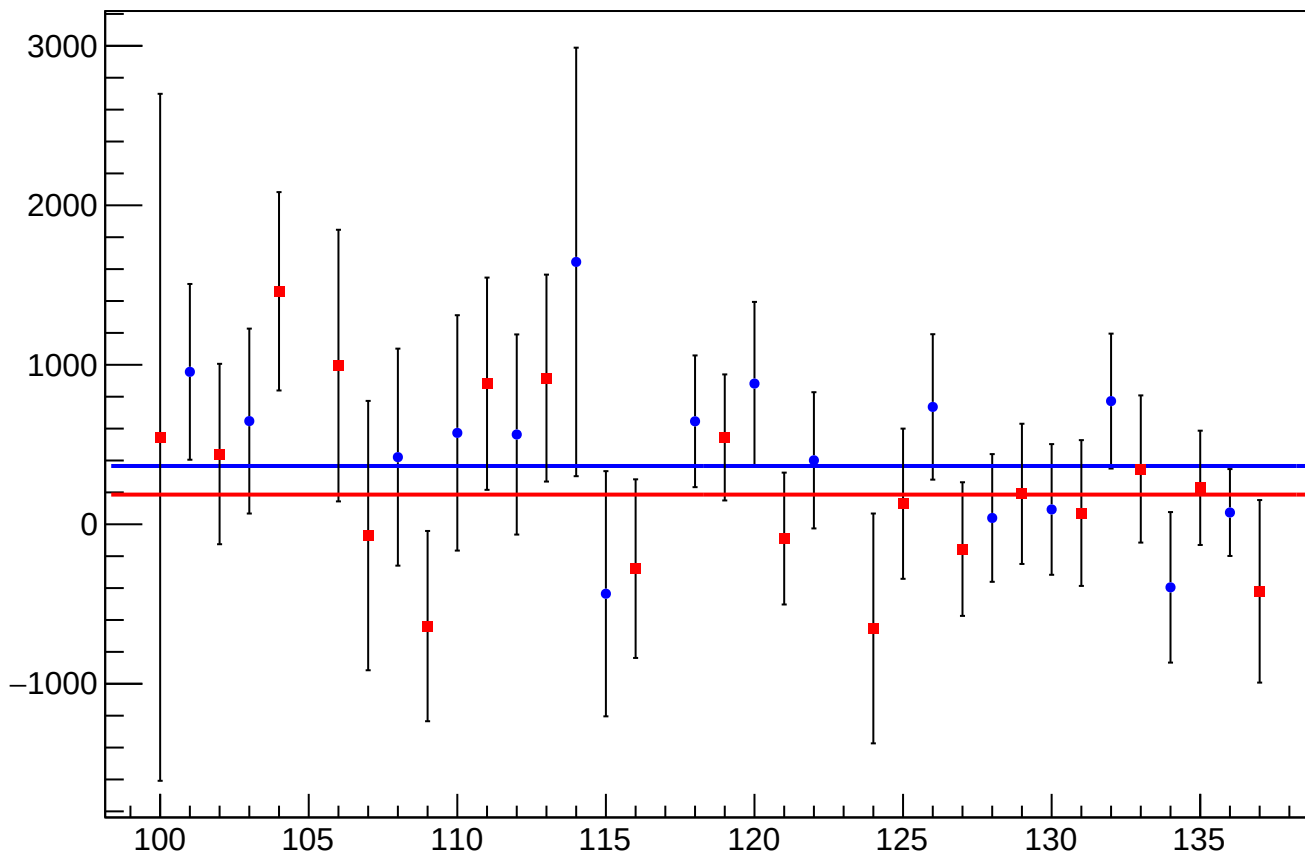
Right: 0.000+/-0.000 χ^2/NDF : 7753131.5/34

In: 0.000+/-0.000 χ^2/NDF : 3511411.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7753131.5/34

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 365.540 $\pm$ 118.873 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 186.141 $\pm$ 120.188 χ^2 /NDF: 15.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

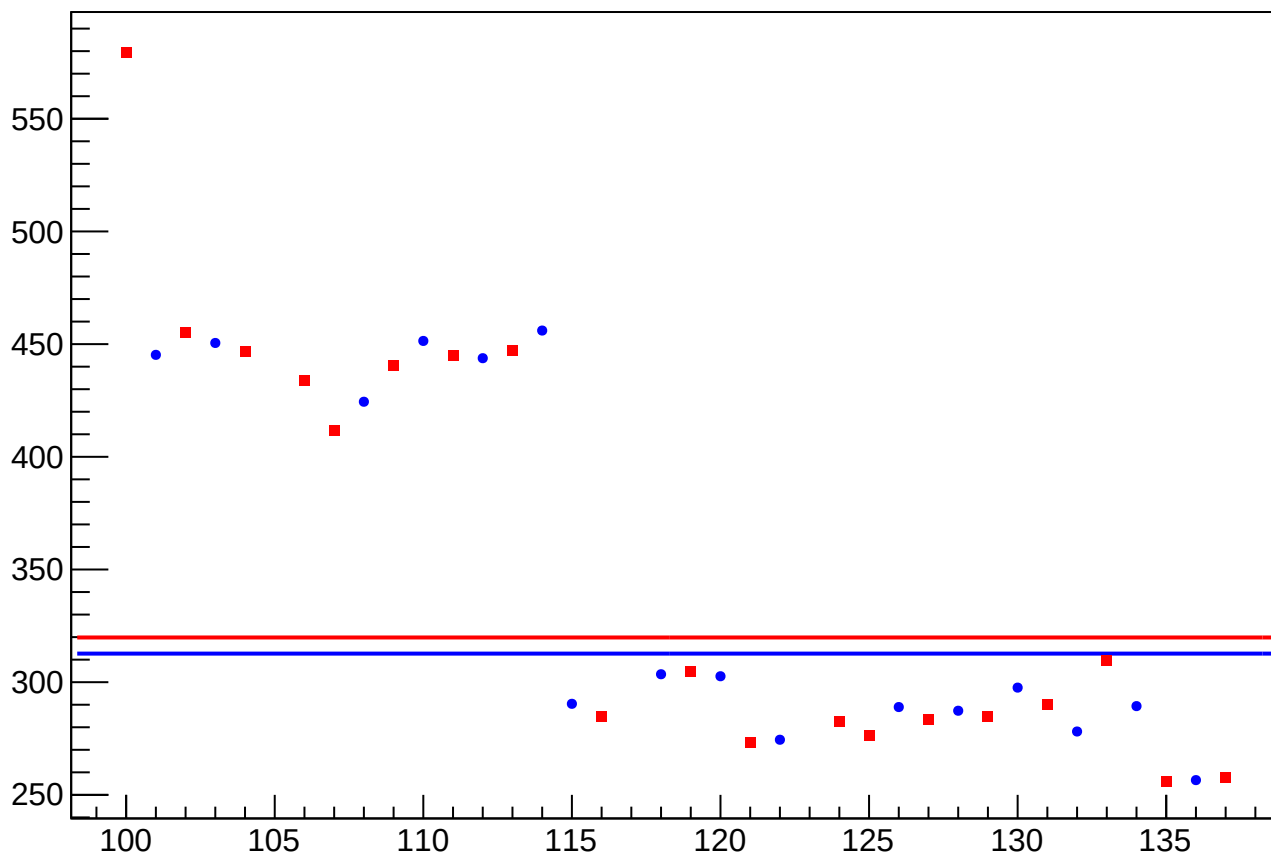
Right: 276.827 $\pm$ 84.517 χ^2 /NDF: 27.6/34

In: 365.540 $\pm$ 118.873 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 276.827 $\pm$ 84.517 χ^2 /NDF: 27.6/34

reg_asym_sam2_rms vs Slug, Sign Corrected



Right In: 312.683+/-0.084 χ^2/NDF : 602207.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.841+/-0.085 χ^2/NDF : 697878.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

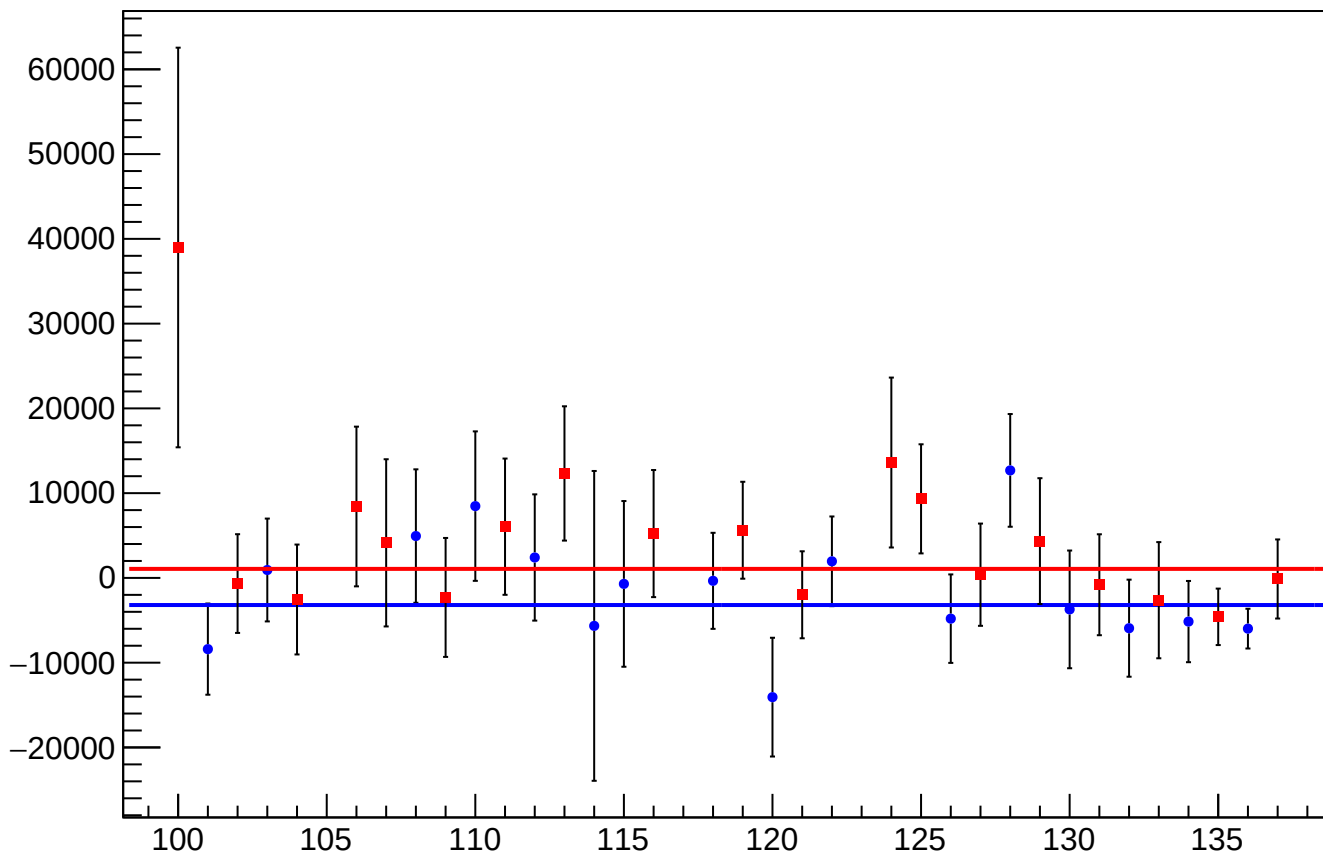
Right: 316.222+/-0.060 χ^2/NDF : 1303671.7/34

In: 312.683+/-0.084 χ^2/NDF : 602207.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.222+/-0.060 χ^2/NDF : 1303671.7/34

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -3198.742 $\pm$ 1353.814 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1065.939 $\pm$ 1443.326 χ^2 /NDF: 14.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

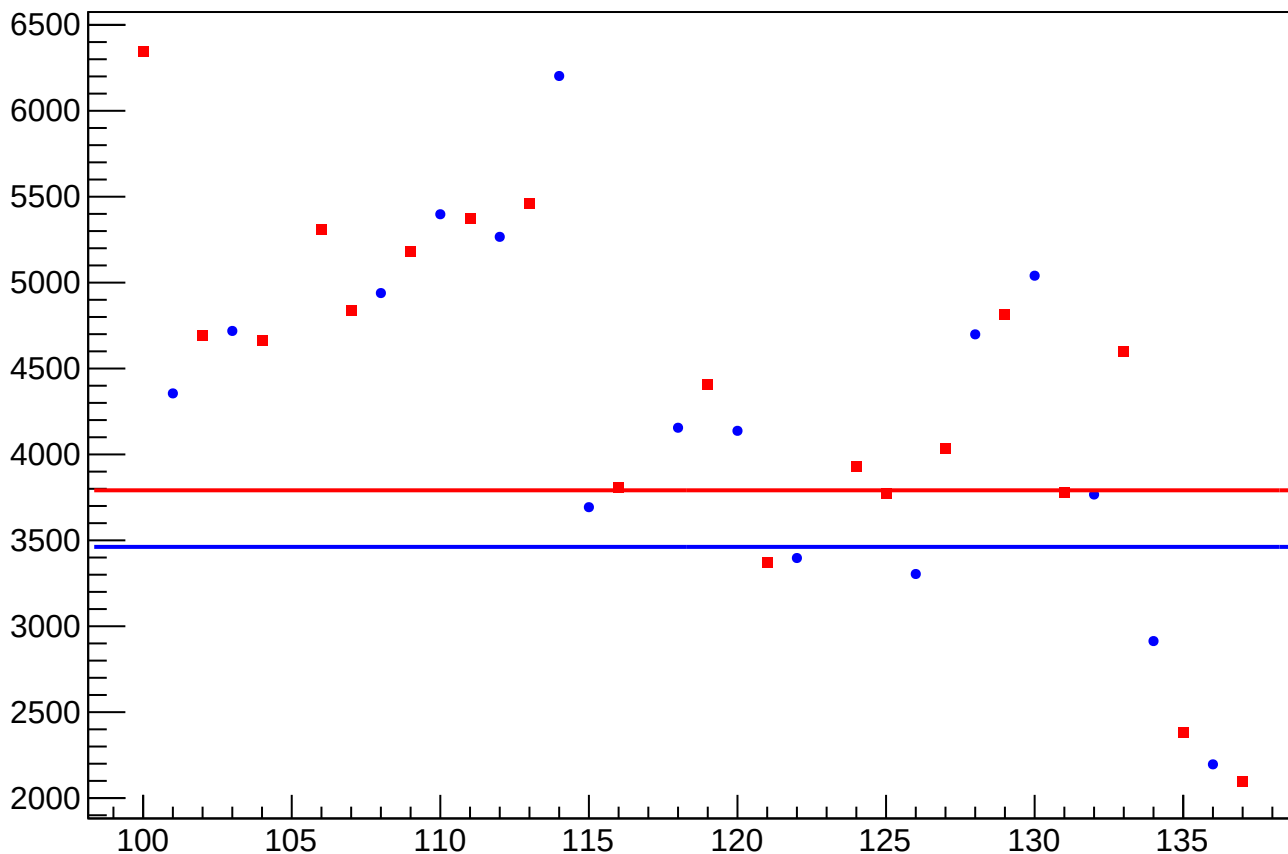
Right: -1202.738 $\pm$ 987.420 χ^2 /NDF: 35.1/34

In: -3198.742 $\pm$ 1353.814 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1202.738 $\pm$ 987.420 χ^2 /NDF: 35.1/34

asym_sam2_reg_correction_rms vs Slug, Sign Corrected



Right In: 3461.927+/-0.957 χ^2/NDF : 1309580.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3791.207+/-1.021 χ^2/NDF : 1155755.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

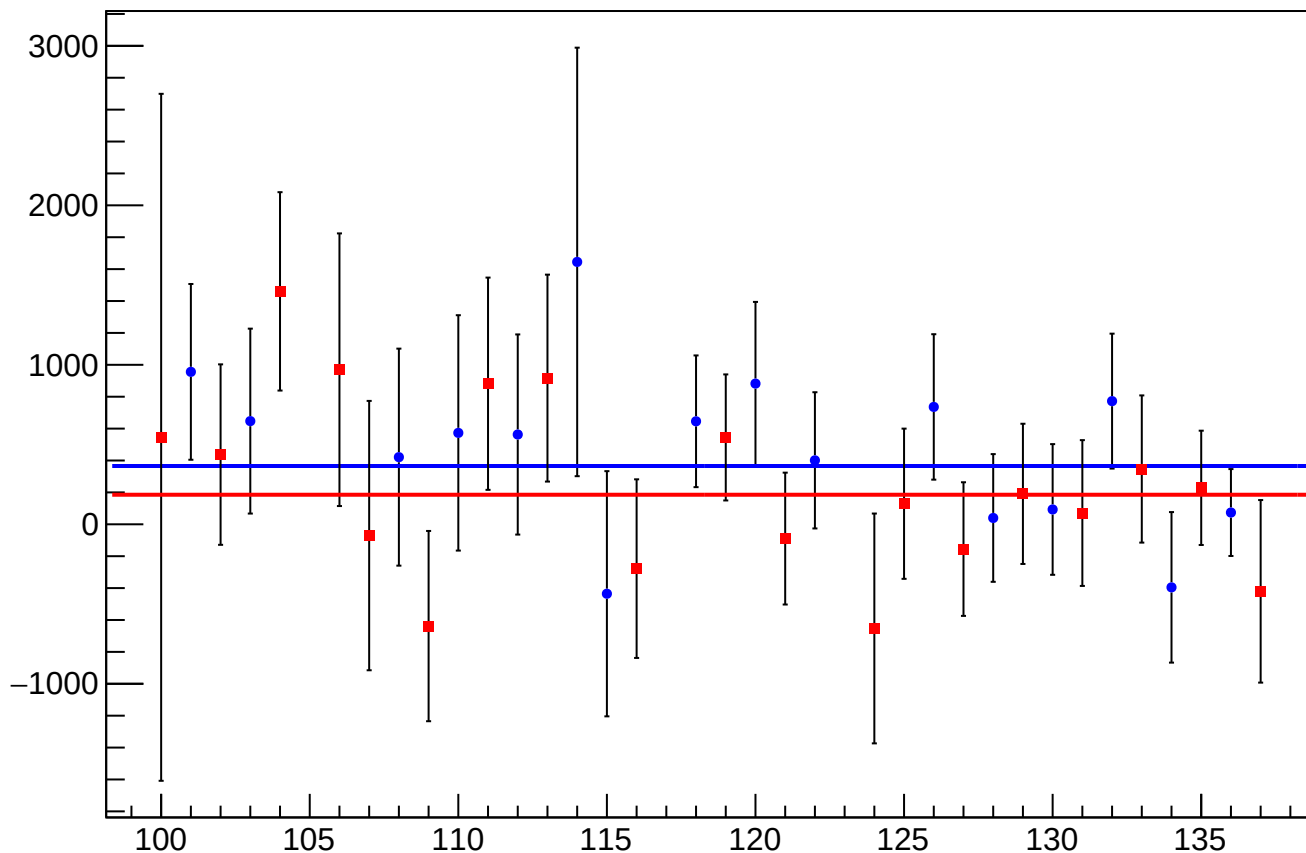
Right: 3616.041+/-0.698 χ^2/NDF : 2520711.5/34

In: 3461.927+/-0.957 χ^2/NDF : 1309580.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3616.041+/-0.698 χ^2/NDF : 2520711.5/34

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 365.523+/-118.873 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.331+/-120.199 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

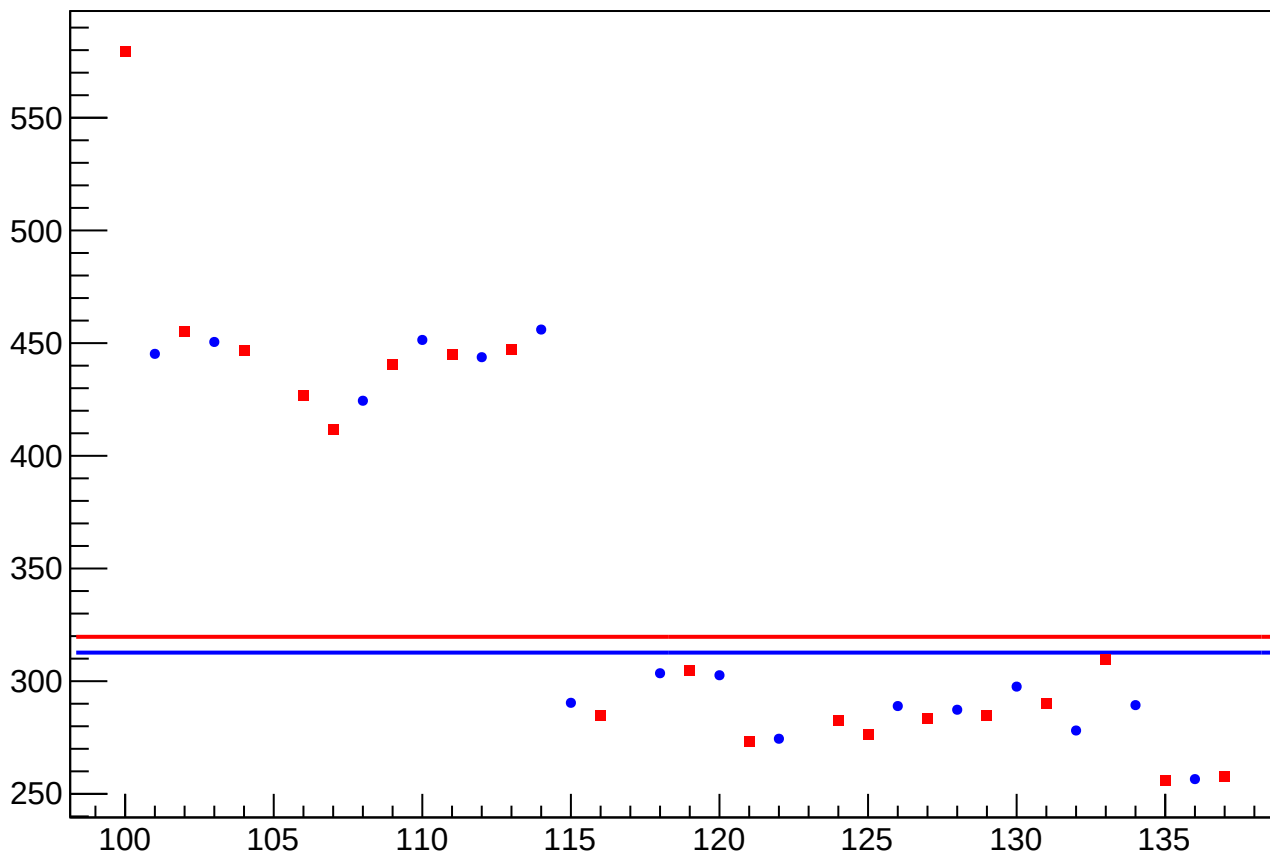
Right: 276.426+/-84.521 χ^2/NDF : 27.6/34

In: 365.523+/-118.873 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.426+/-84.521 χ^2/NDF : 27.6/34

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 312.683+/-0.084 χ^2/NDF : 602209.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.693+/-0.085 χ^2/NDF : 693714.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

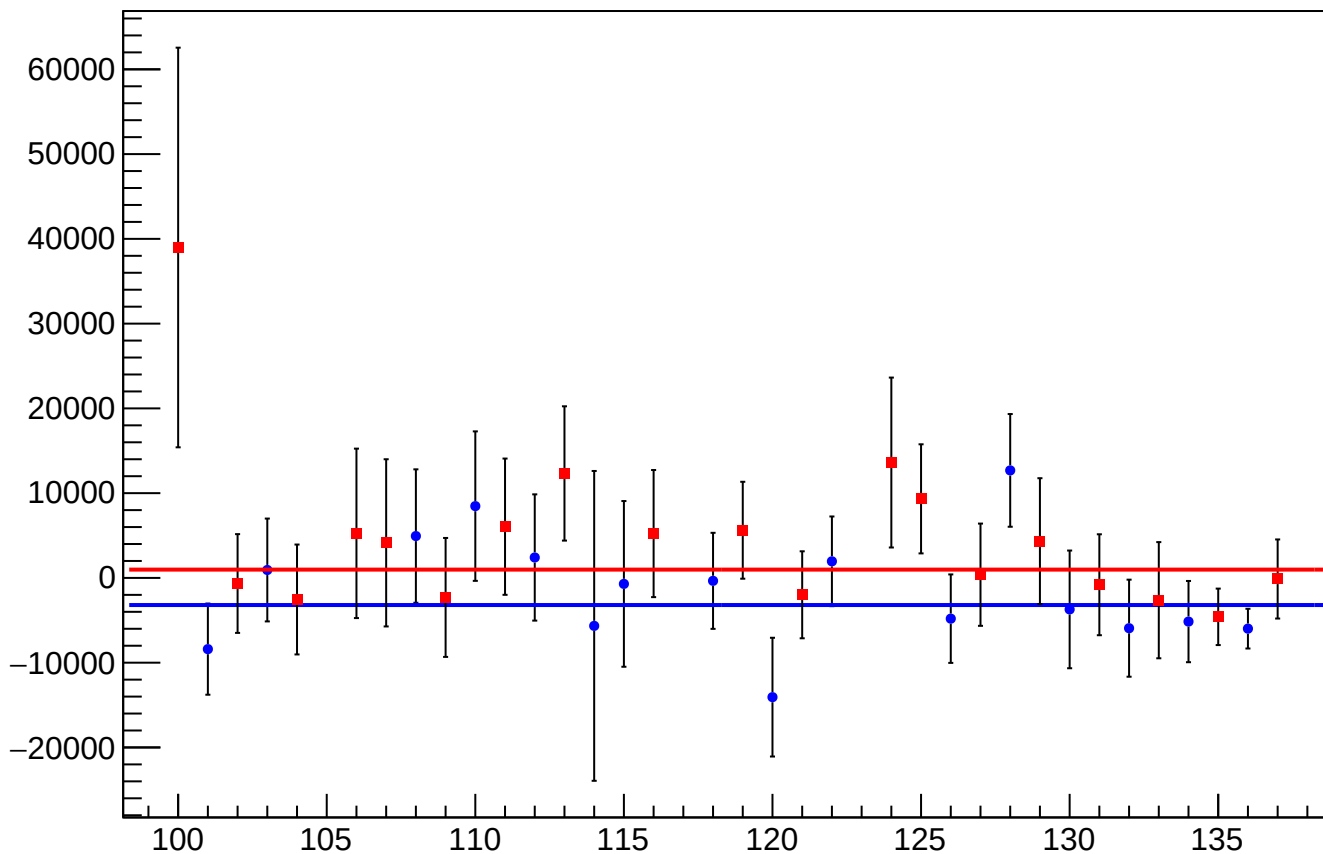
Right: 316.149+/-0.060 χ^2/NDF : 1299362.0/34

In: 312.683+/-0.084 χ^2/NDF : 602209.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.149+/-0.060 χ^2/NDF : 1299362.0/34

asym_sam2_cor_correction_mean vs Slug, Sign Corrected



Right In: -3198.673 $\pm$ 1353.816 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 980.937 $\pm$ 1445.265 χ^2 /NDF: 14.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

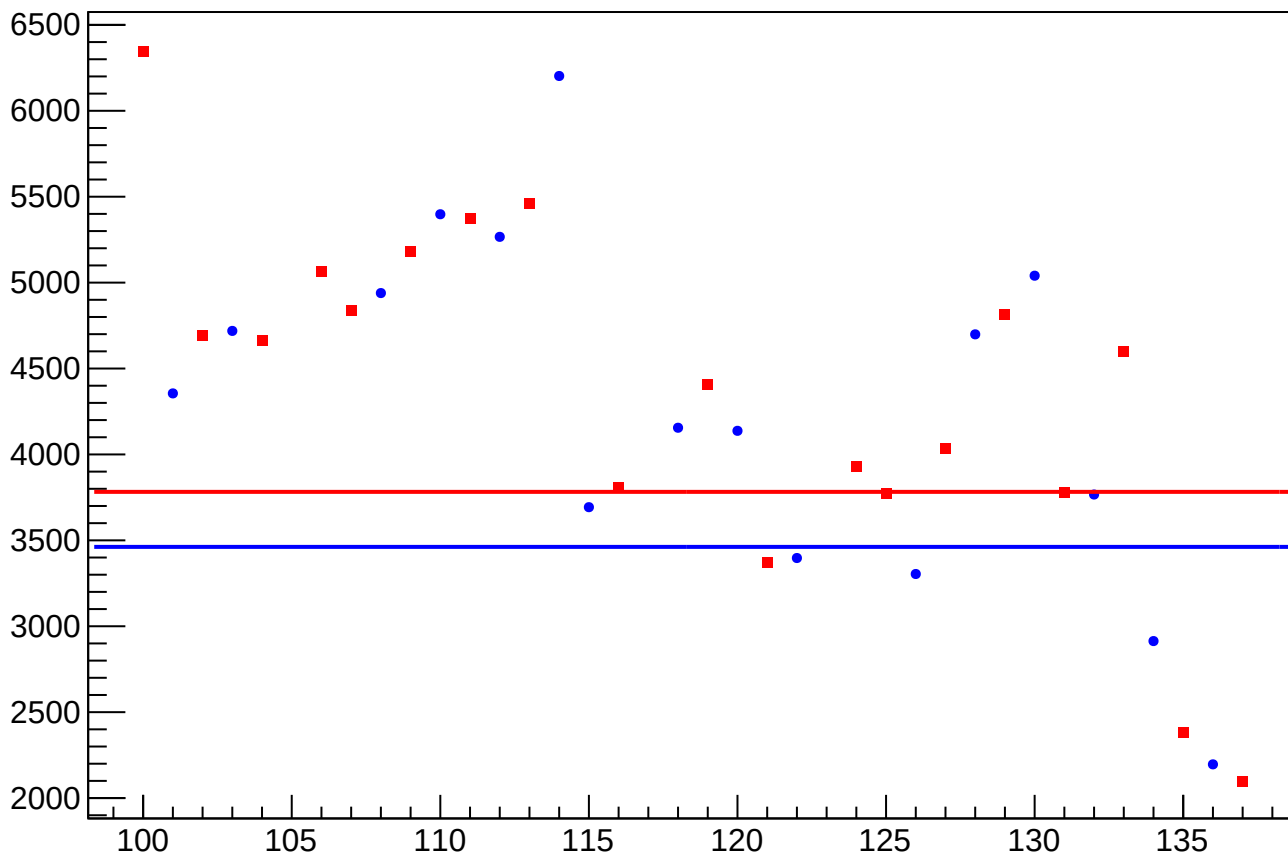
Right: -1245.274 $\pm$ 988.041 χ^2 /NDF: 34.5/34

In: -3198.673 $\pm$ 1353.816 χ^2 /NDF: 16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1245.274 $\pm$ 988.041 χ^2 /NDF: 34.5/34

asym_sam2_cor_correction_rms vs Slug, Sign Corrected



Right In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3782.176+/-1.022 χ^2/NDF : 1136342.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

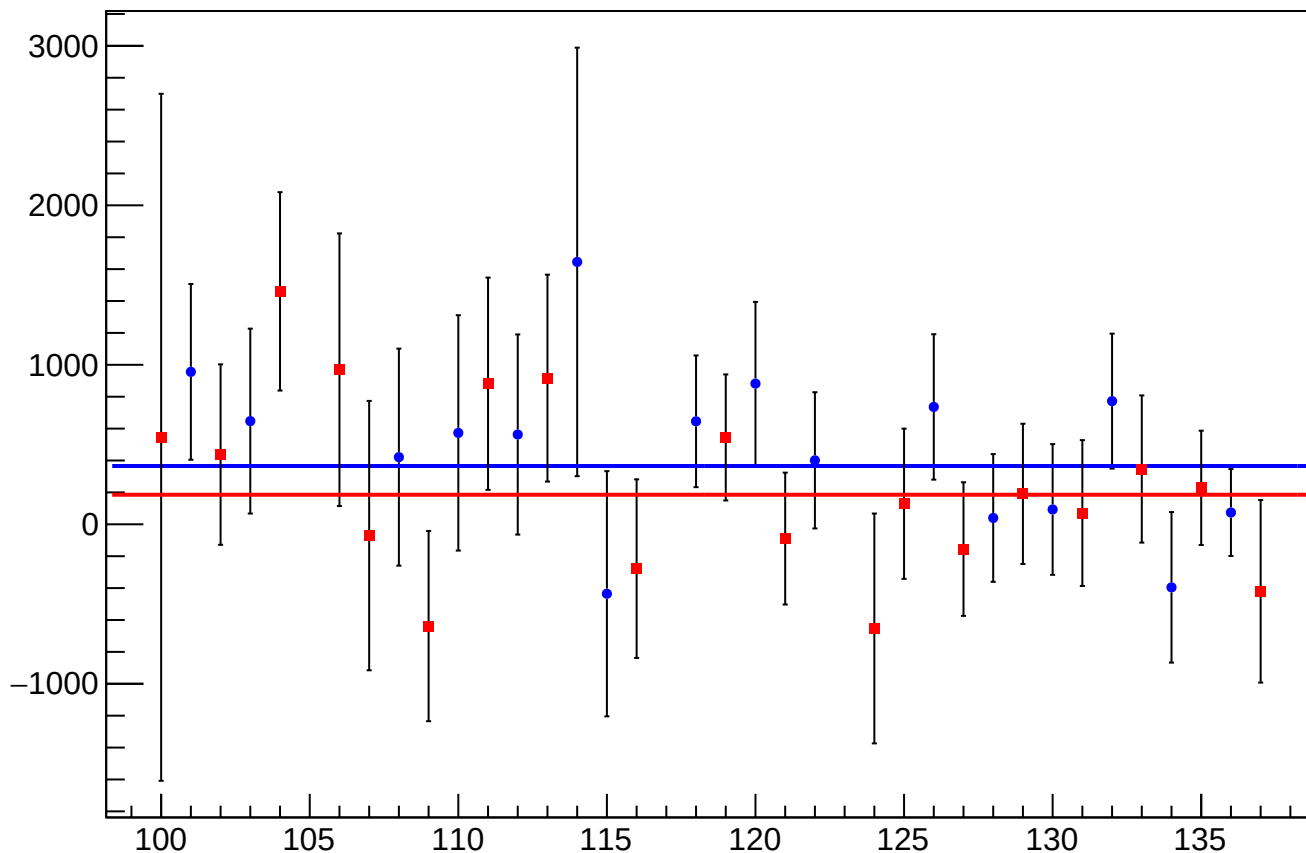
Right: 3611.602+/-0.699 χ^2/NDF : 2498242.4/34

In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3611.602+/-0.699 χ^2/NDF : 2498242.4/34

eigen_cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 365.523+/-118.873 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.331+/-120.199 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

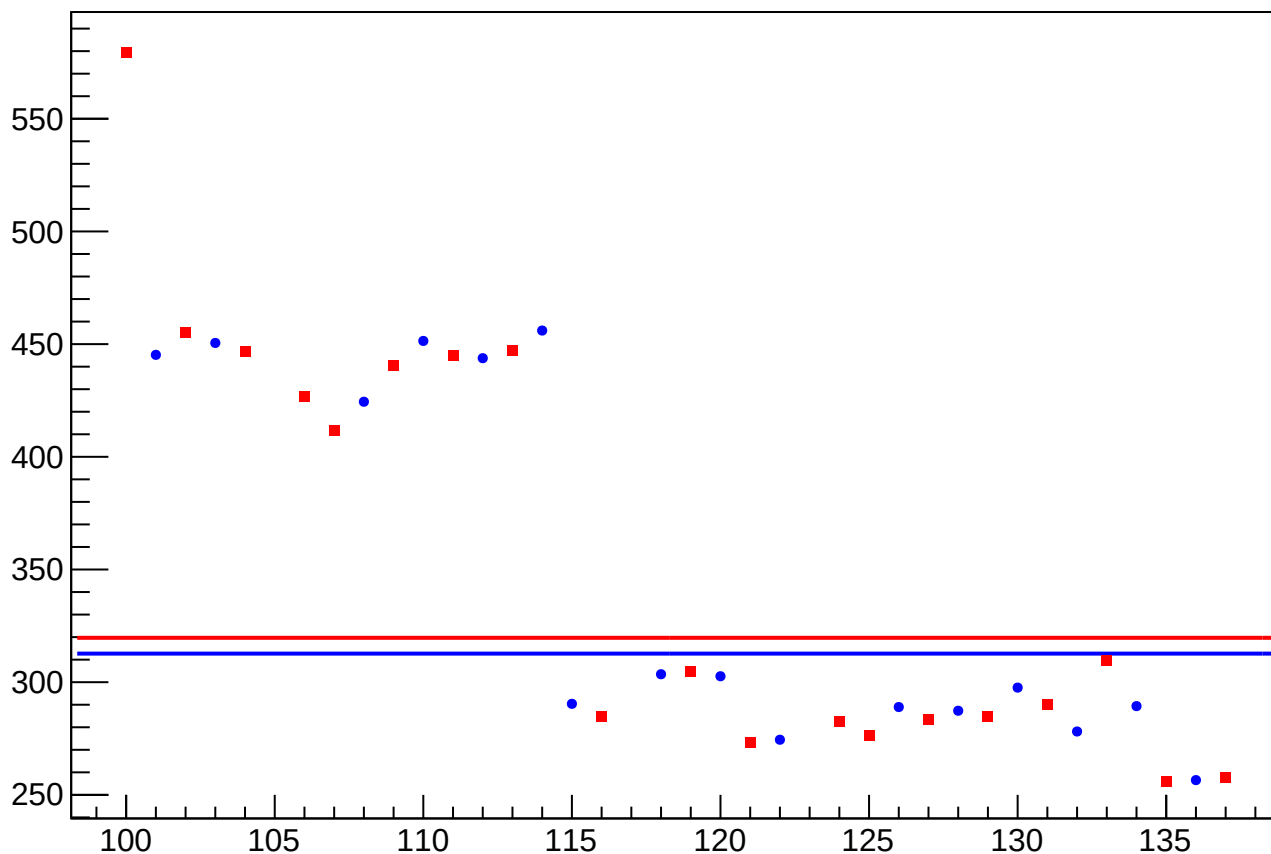
Right: 276.426+/-84.521 χ^2/NDF : 27.6/34

In: 365.523+/-118.873 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.426+/-84.521 χ^2/NDF : 27.6/34

eigen_cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 312.683+/-0.084 χ^2/NDF : 602209.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.693+/-0.085 χ^2/NDF : 693714.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

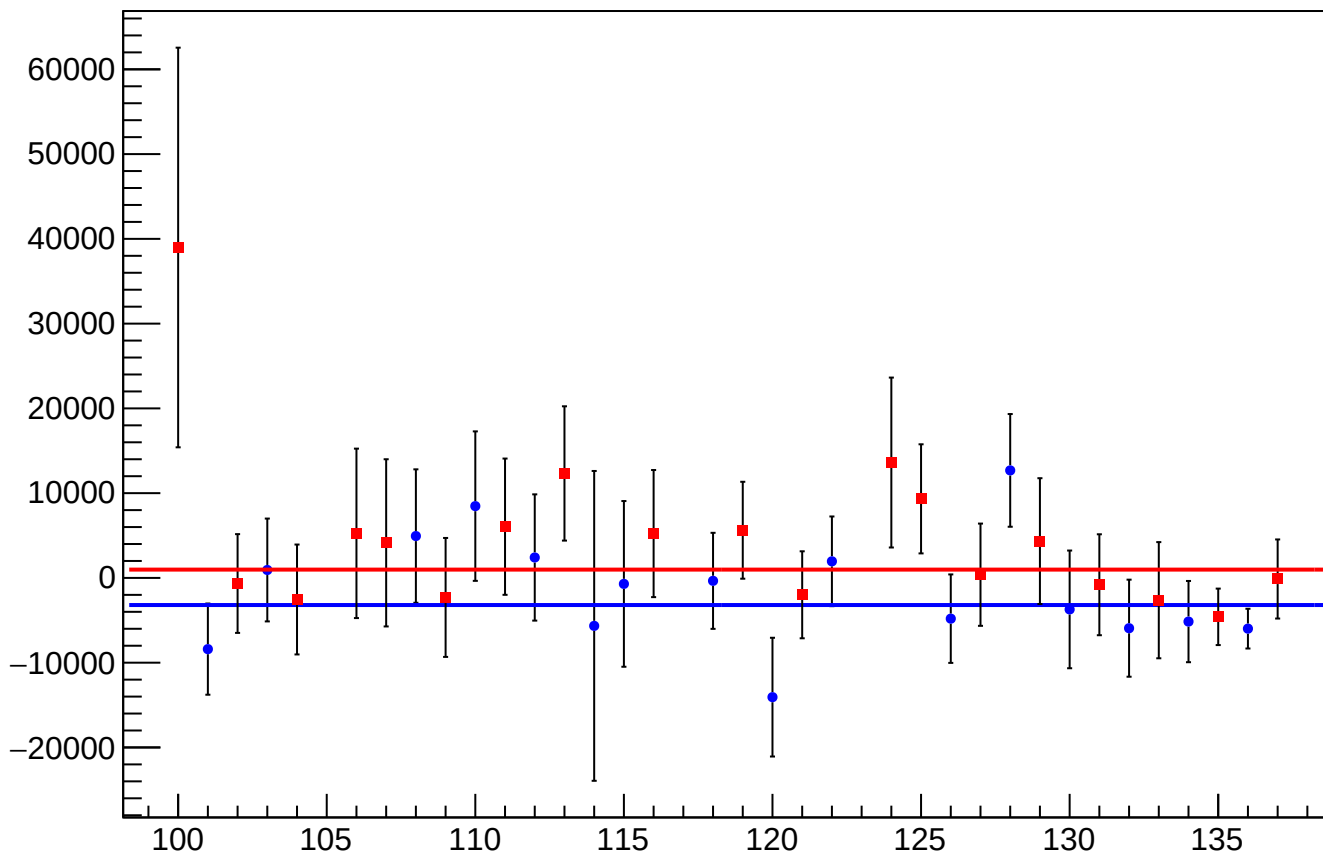
Right: 316.149+/-0.060 χ^2/NDF : 1299362.0/34

In: 312.683+/-0.084 χ^2/NDF : 602209.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.149+/-0.060 χ^2/NDF : 1299362.0/34

asym_sam2_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -3198.673+/-1353.816 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 980.937+/-1445.265 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

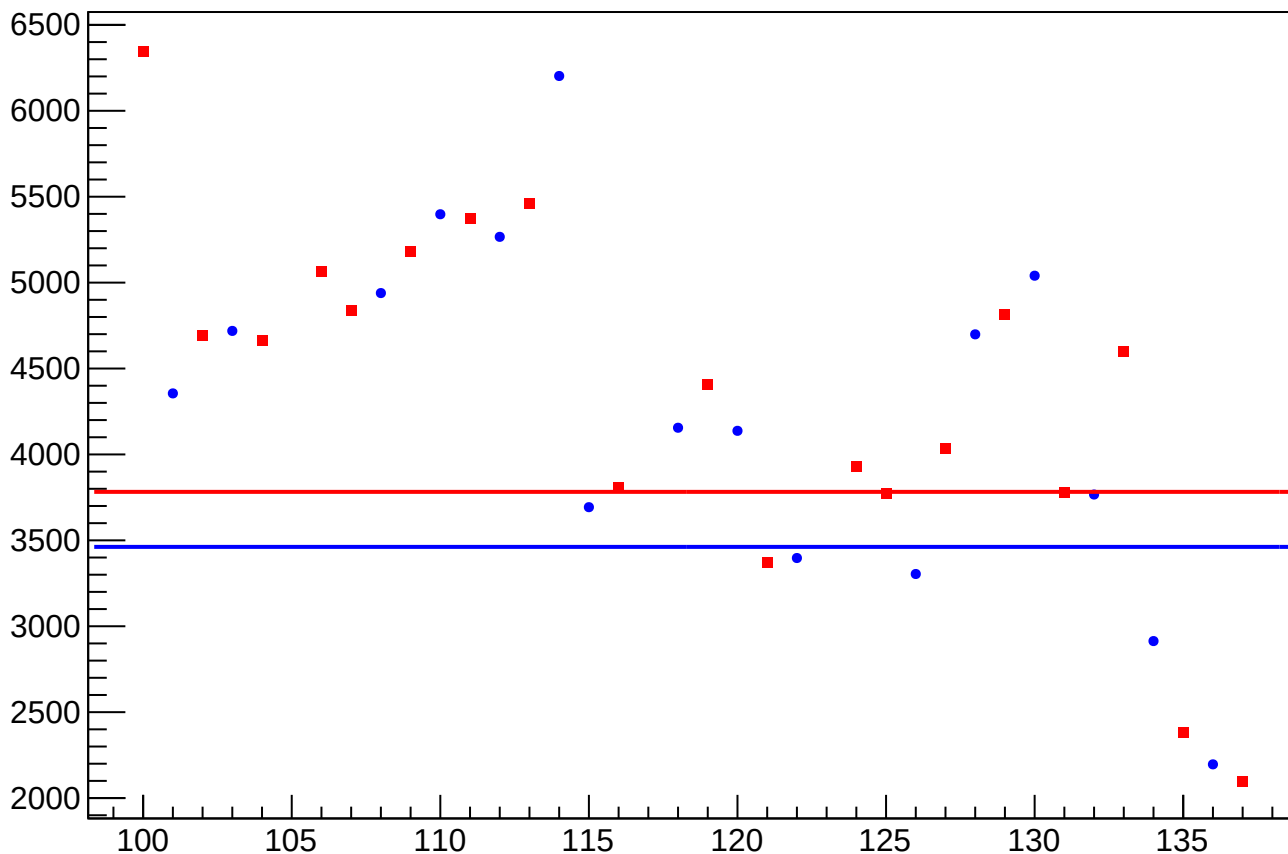
Right: -1245.274+/-988.041 χ^2/NDF : 34.5/34

In: -3198.673+/-1353.816 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1245.274+/-988.041 χ^2/NDF : 34.5/34

asym_sam2_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3782.176+/-1.022 χ^2/NDF : 1136342.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

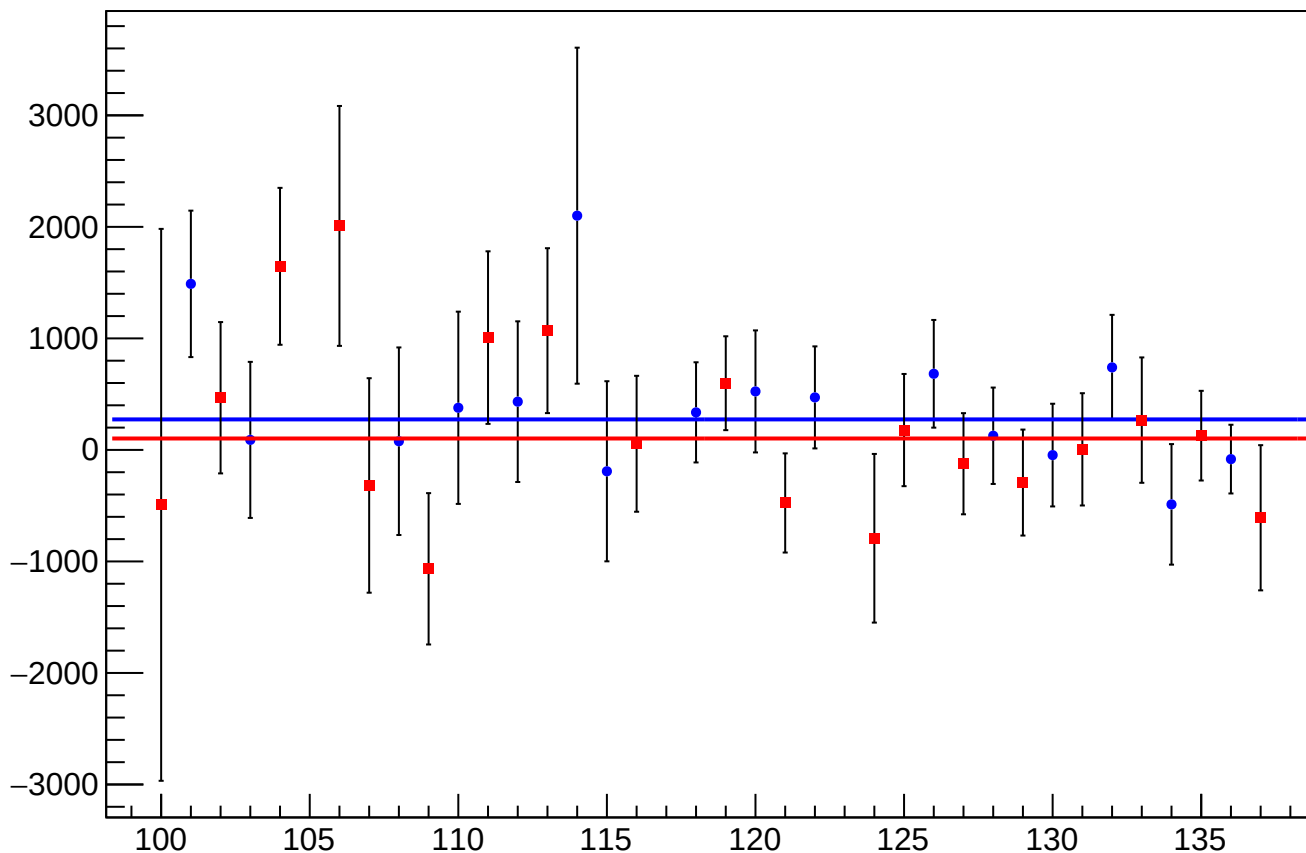
Right: 3611.602+/-0.699 χ^2/NDF : 2498242.4/34

In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3611.602+/-0.699 χ^2/NDF : 2498242.4/34

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 273.578 $\pm$ 132.537 χ^2 /NDF: 11.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.369 $\pm$ 133.606 χ^2 /NDF: 21.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

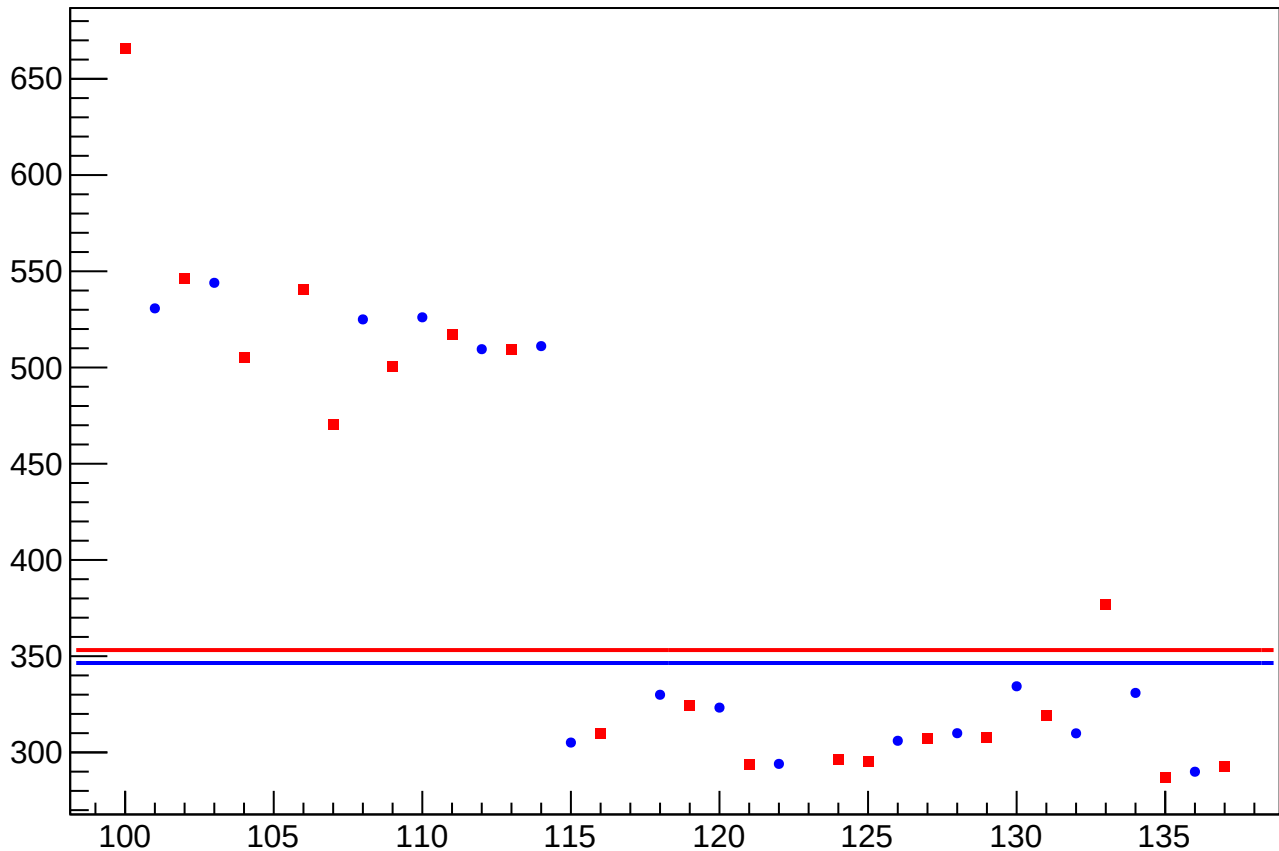
Right: 188.661 $\pm$ 94.094 χ^2 /NDF: 33.6/34

In: 273.578 $\pm$ 132.537 χ^2 /NDF:11.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 188.661 $\pm$ 94.094 χ^2 /NDF: 33.6/34

dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 346.455+/-0.094 χ^2/NDF : 768763.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 353.178+/-0.094 χ^2/NDF : 866364.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

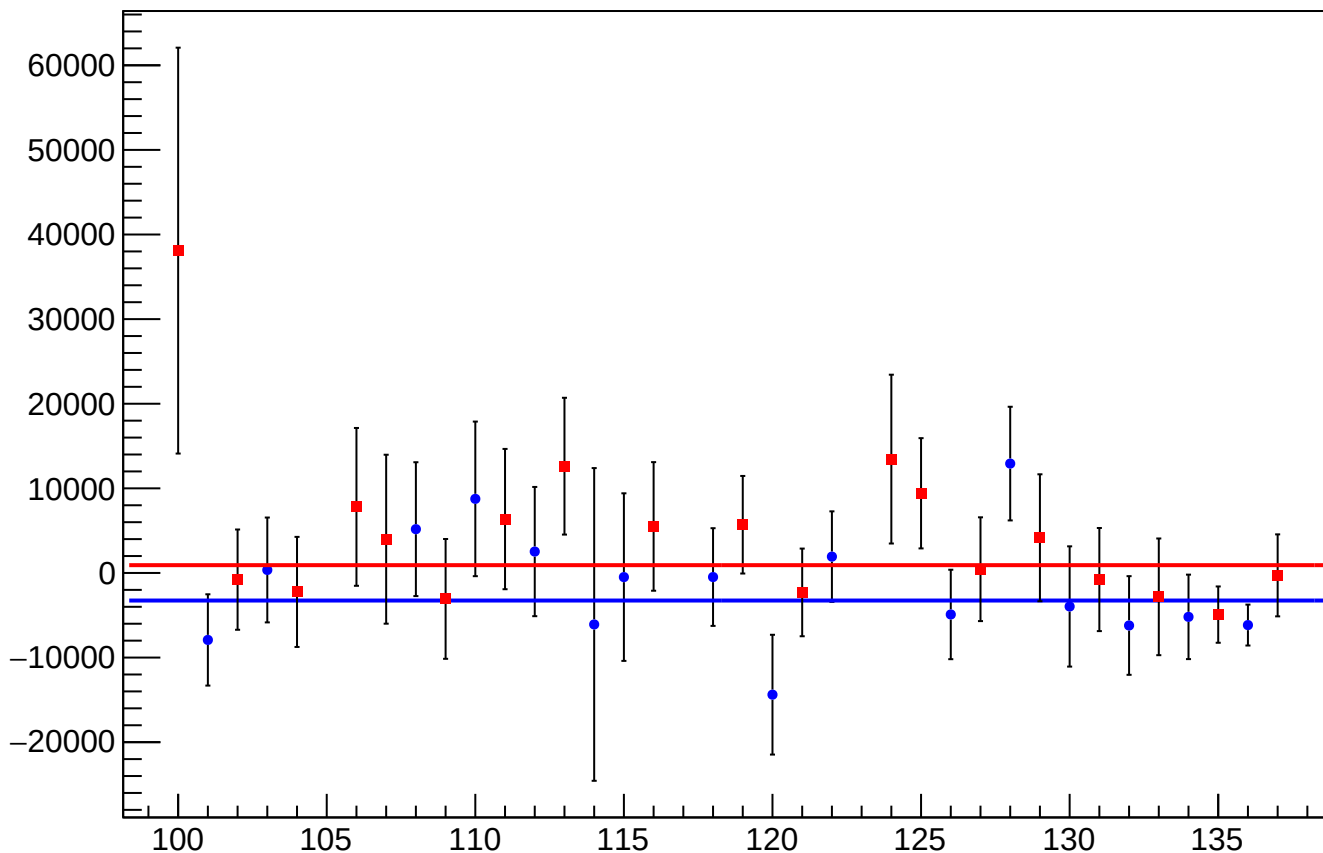
Right: 349.789+/-0.067 χ^2/NDF : 1637679.7/34

In: 346.455+/-0.094 χ^2/NDF : 768763.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.789+/-0.067 χ^2/NDF : 1637679.7/34

asym_sam2_dit_correction_mean vs Slug, Sign Corrected



Right In: -3258.837 $\pm$ 1384.139 χ^2 /NDF: 16.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 921.196 $\pm$ 1460.727 χ^2 /NDF: 14.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

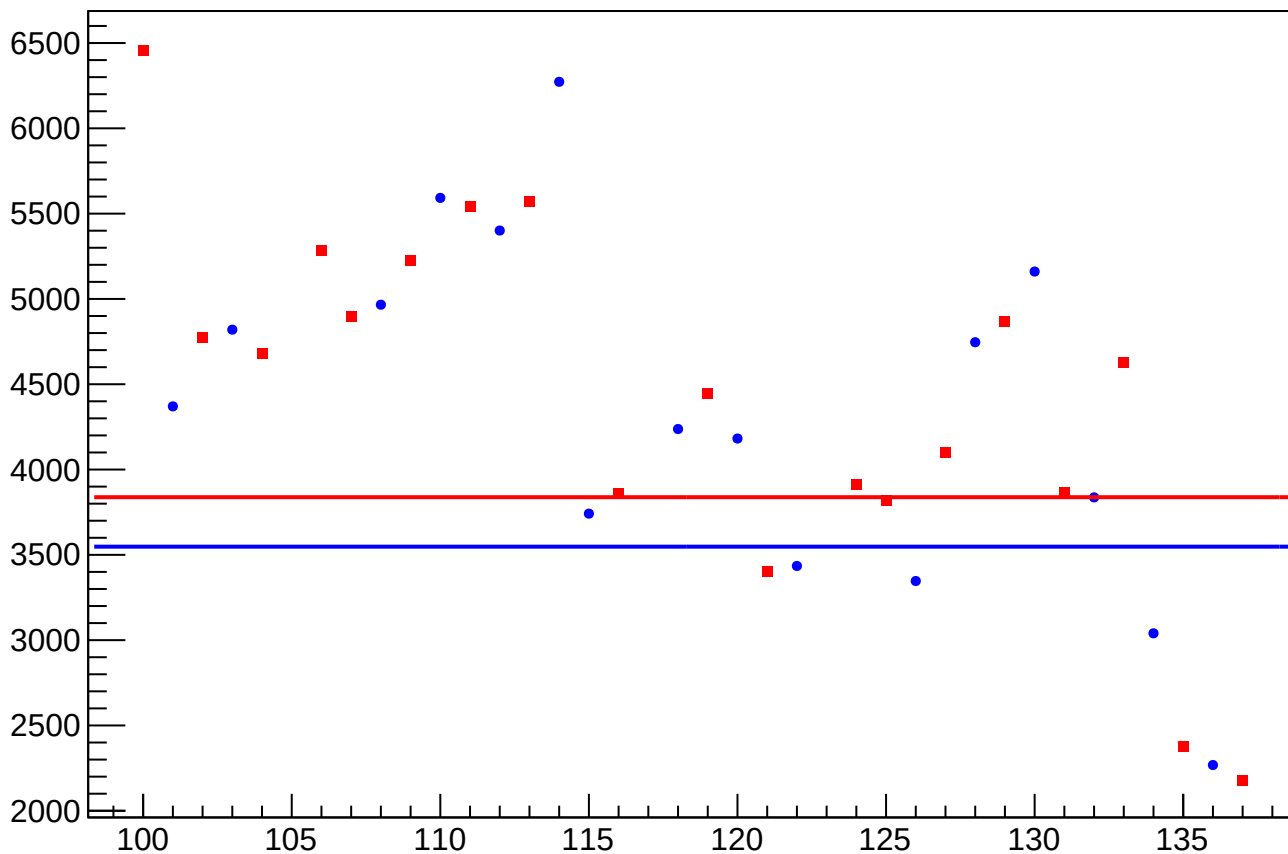
Right: -1281.271 $\pm$ 1004.719 χ^2 /NDF: 35.0/34

In: -3258.837 $\pm$ 1384.139 χ^2 /NDF:16.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1281.271 $\pm$ 1004.719 χ^2 /NDF: 35.0/34

asym_sam2_dit_correction_rms vs Slug, Sign Corrected



Right In: 3547.969+/-0.979 χ^2/NDF : 1258486.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3837.970+/-1.033 χ^2/NDF : 1155831.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

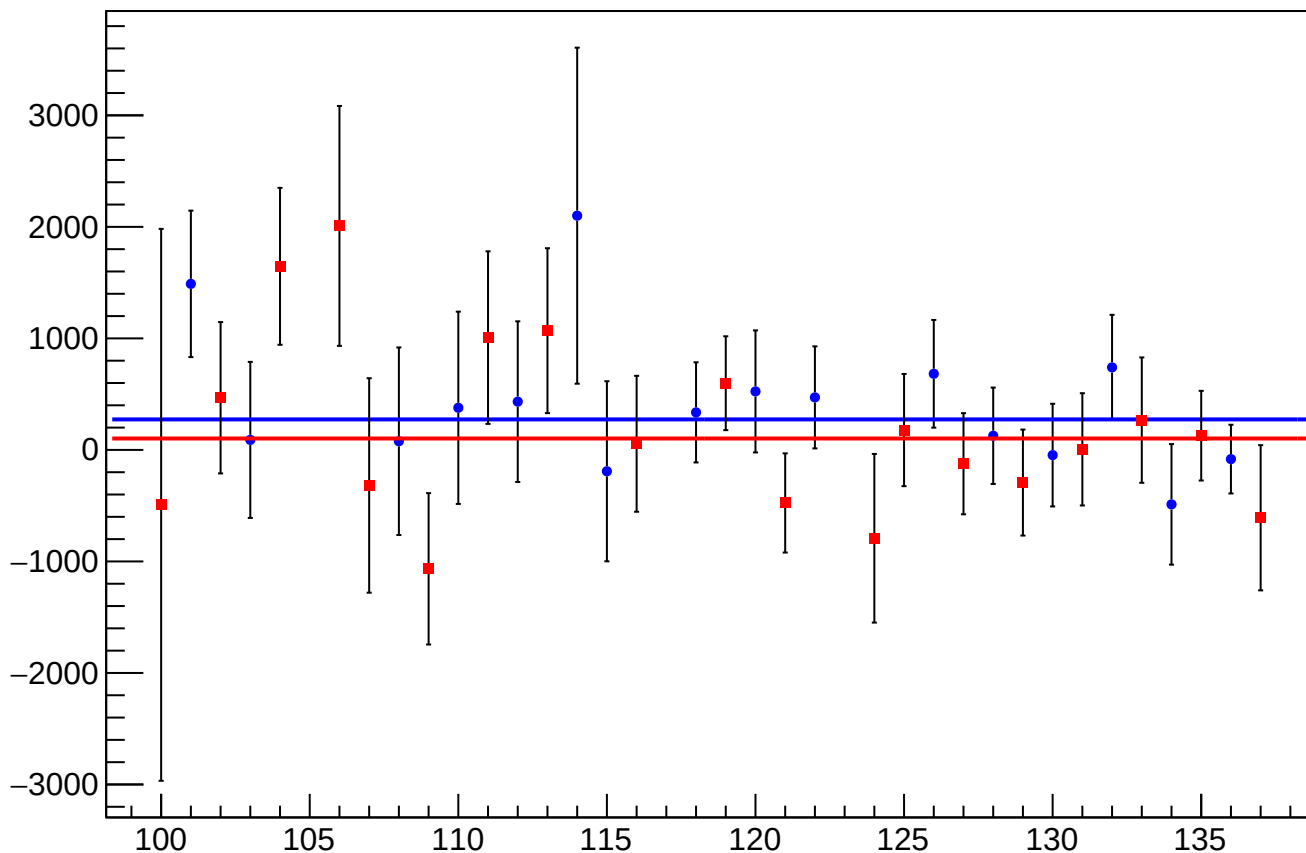
Right: 3685.168+/-0.710 χ^2/NDF : 2455854.0/34

In: 3547.969+/-0.979 χ^2/NDF : 1258486.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3685.168+/-0.710 χ^2/NDF : 2455854.0/34

eigen_dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 273.582 $\pm$ 132.536 χ^2 /NDF: 11.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 102.368 $\pm$ 133.606 χ^2 /NDF: 21.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

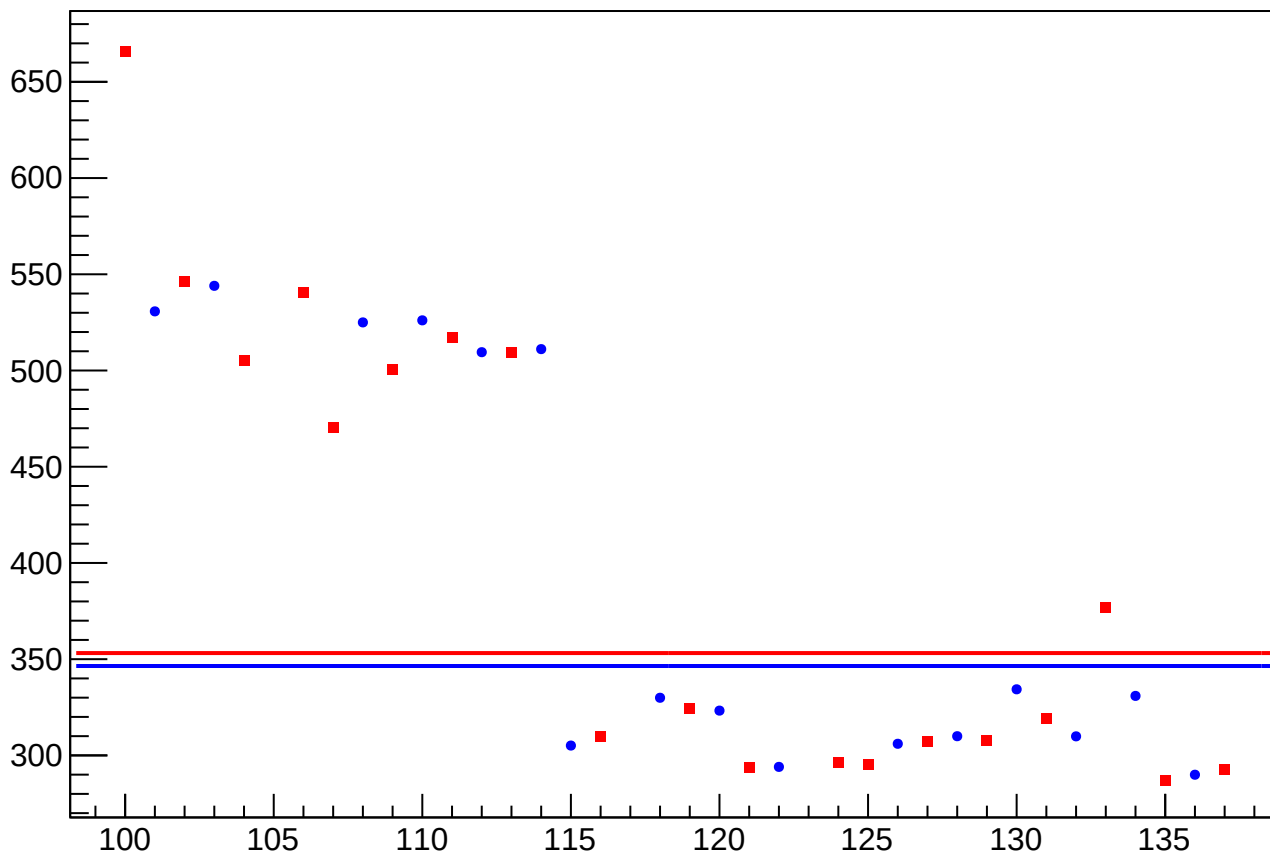
Right: 188.663 $\pm$ 94.093 χ^2 /NDF: 33.6/34

In: 273.582 $\pm$ 132.536 χ^2 /NDF:11.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 188.663 $\pm$ 94.093 χ^2 /NDF: 33.6/34

eigen_dit_asym_sam2_rms vs Slug, Sign Corrected



Right In: 346.453+/-0.094 χ^2/NDF : 768754.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 353.176+/-0.094 χ^2/NDF : 866353.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

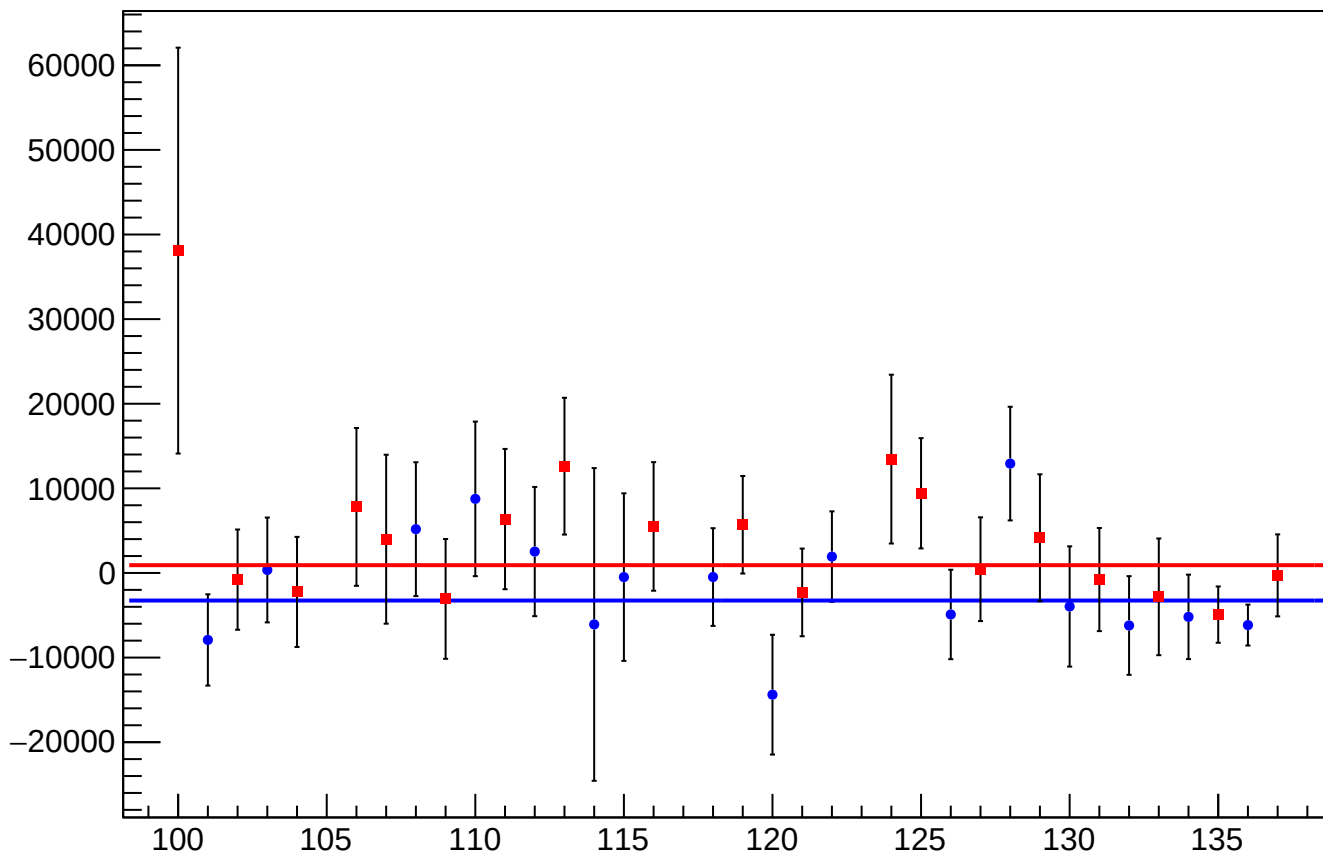
Right: 349.788+/-0.067 χ^2/NDF : 1637661.2/34

In: 346.453+/-0.094 χ^2/NDF : 768754.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 349.788+/-0.067 χ^2/NDF : 1637661.2/34

asym_sam2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -3258.828+/-1384.137 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 921.200+/-1460.725 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

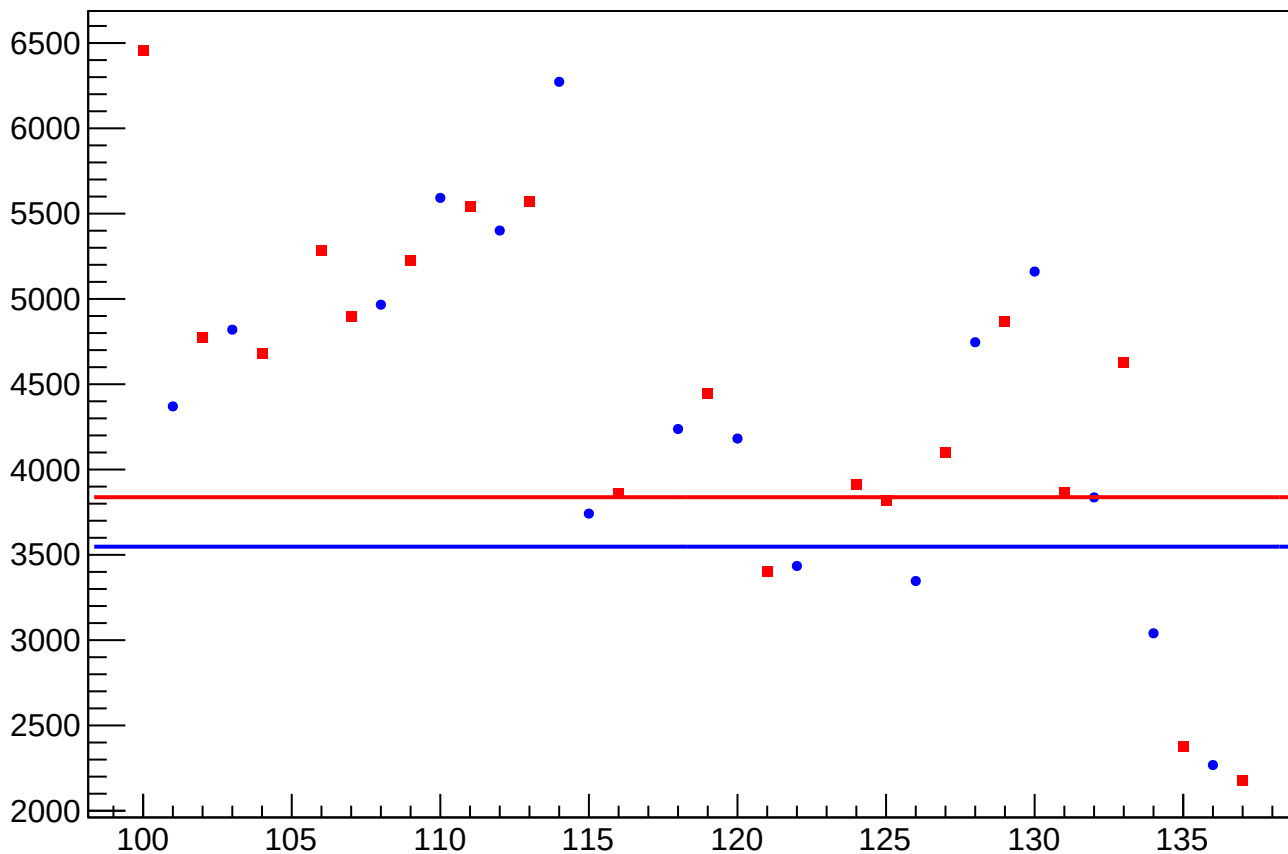
Right: -1281.264+/-1004.718 χ^2/NDF : 35.0/34

In: -3258.828+/-1384.137 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1281.264+/-1004.718 χ^2/NDF : 35.0/34

asym_sam2_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 3547.966+/-0.979 χ^2/NDF : 1258472.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3837.965+/-1.033 χ^2/NDF : 1155821.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

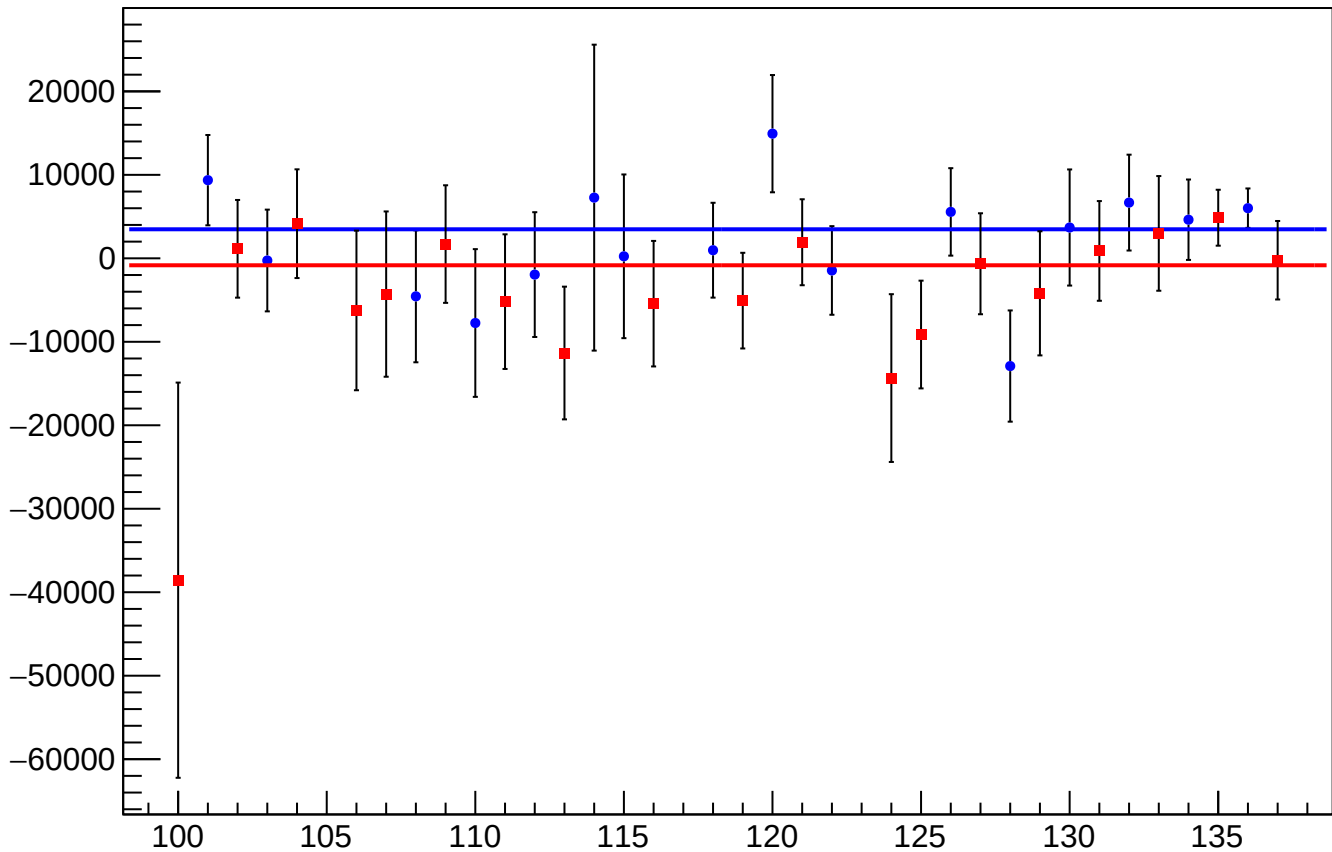
Right: 3685.164+/-0.710 χ^2/NDF : 2455829.5/34

In: 3547.966+/-0.979 χ^2/NDF : 1258472.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3685.164+/-0.710 χ^2/NDF : 2455829.5/34

asym_sam2_mean vs Slug, Sign Corrected



Right In: 3478.372+/-1360.356 χ^2/NDF : 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -832.583+/-1449.649 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

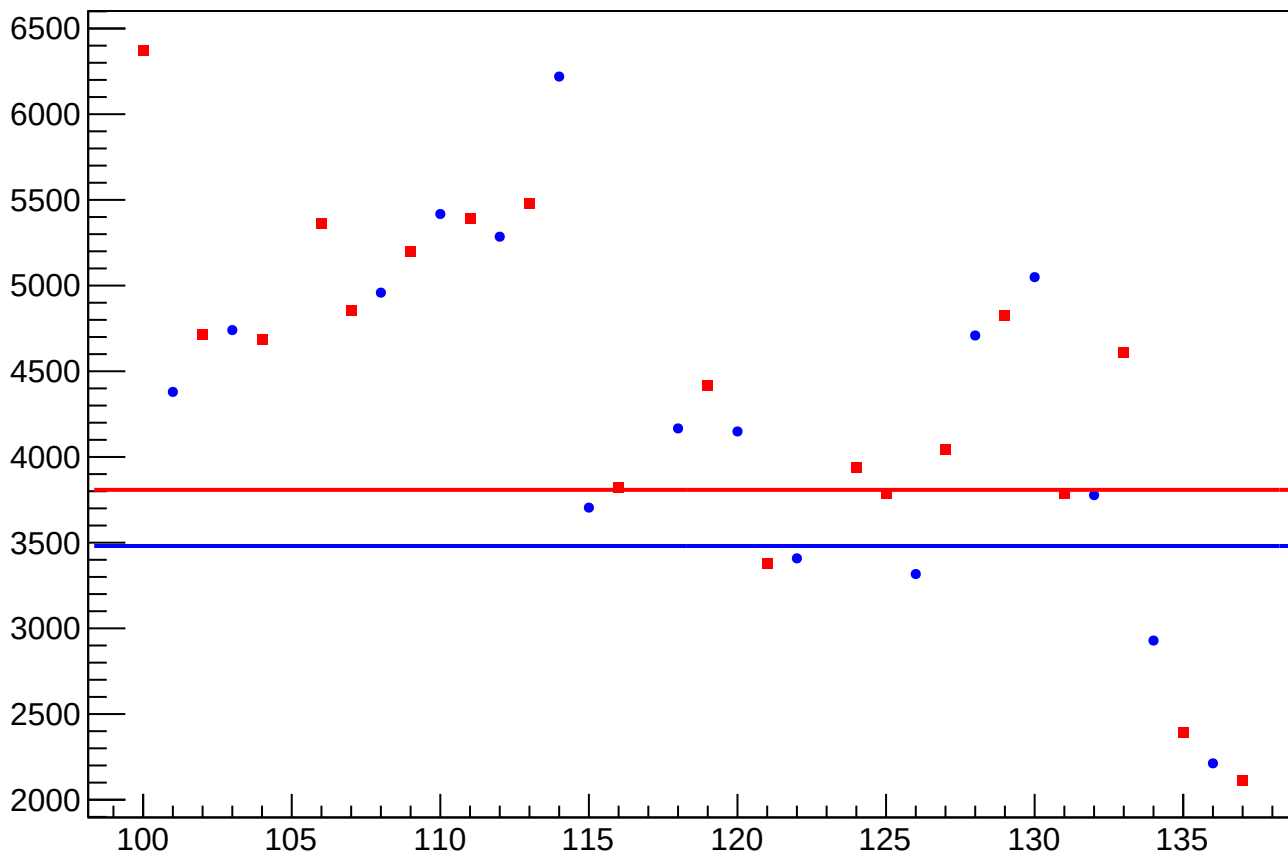
Right: 1459.744+/-991.983 χ^2/NDF : 35.1/34

In: 3478.372+/-1360.356 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1459.744+/-991.983 χ^2/NDF : 35.1/34

asym_sam2_rms vs Slug, Sign Corrected



Right In: 3480.559+/-0.962 χ^2/NDF : 1296641.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3808.151+/-1.025 χ^2/NDF : 1147564.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

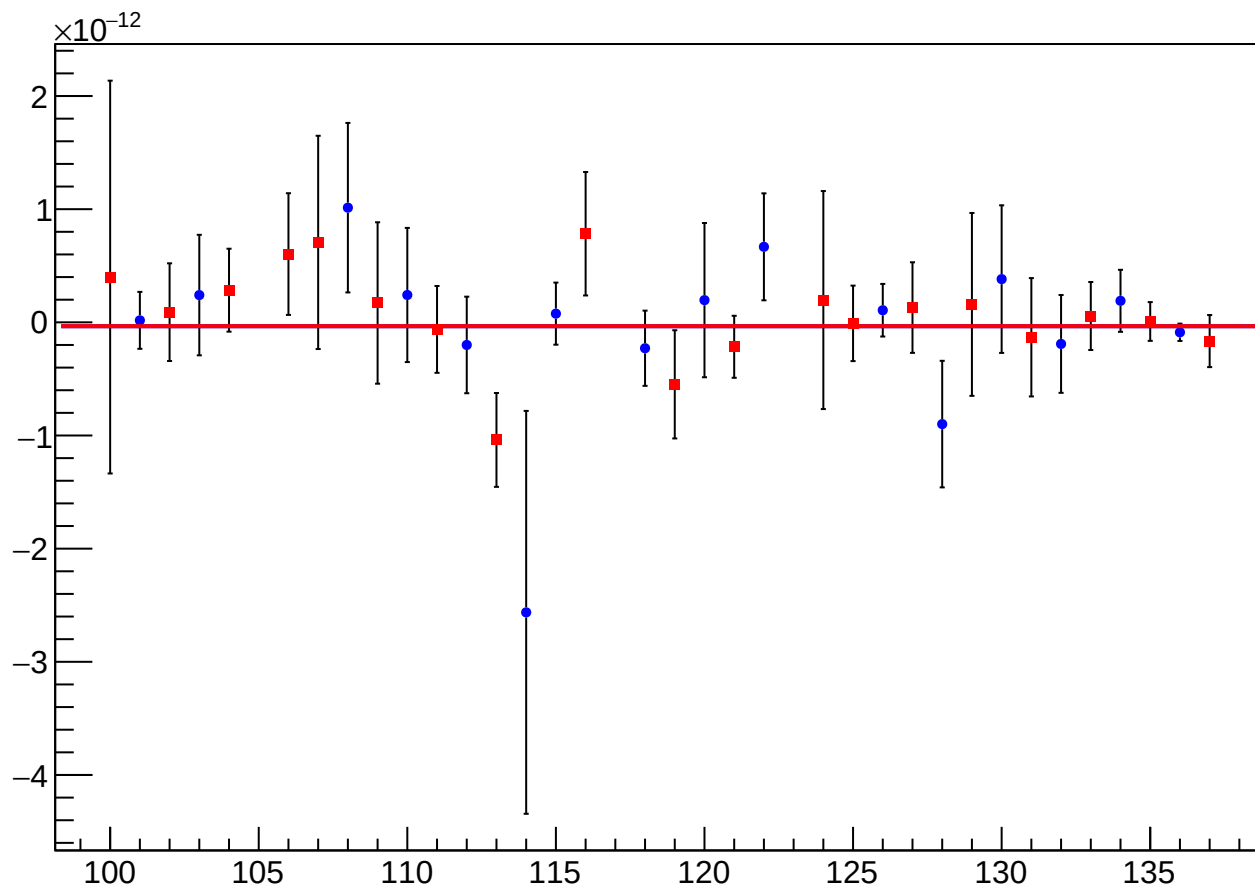
Right: 3633.956+/-0.701 χ^2/NDF : 2498515.1/34

In: 3480.559+/-0.962 χ^2/NDF : 1296641.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3633.956+/-0.701 χ^2/NDF : 2498515.1/34

asym_sam2_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

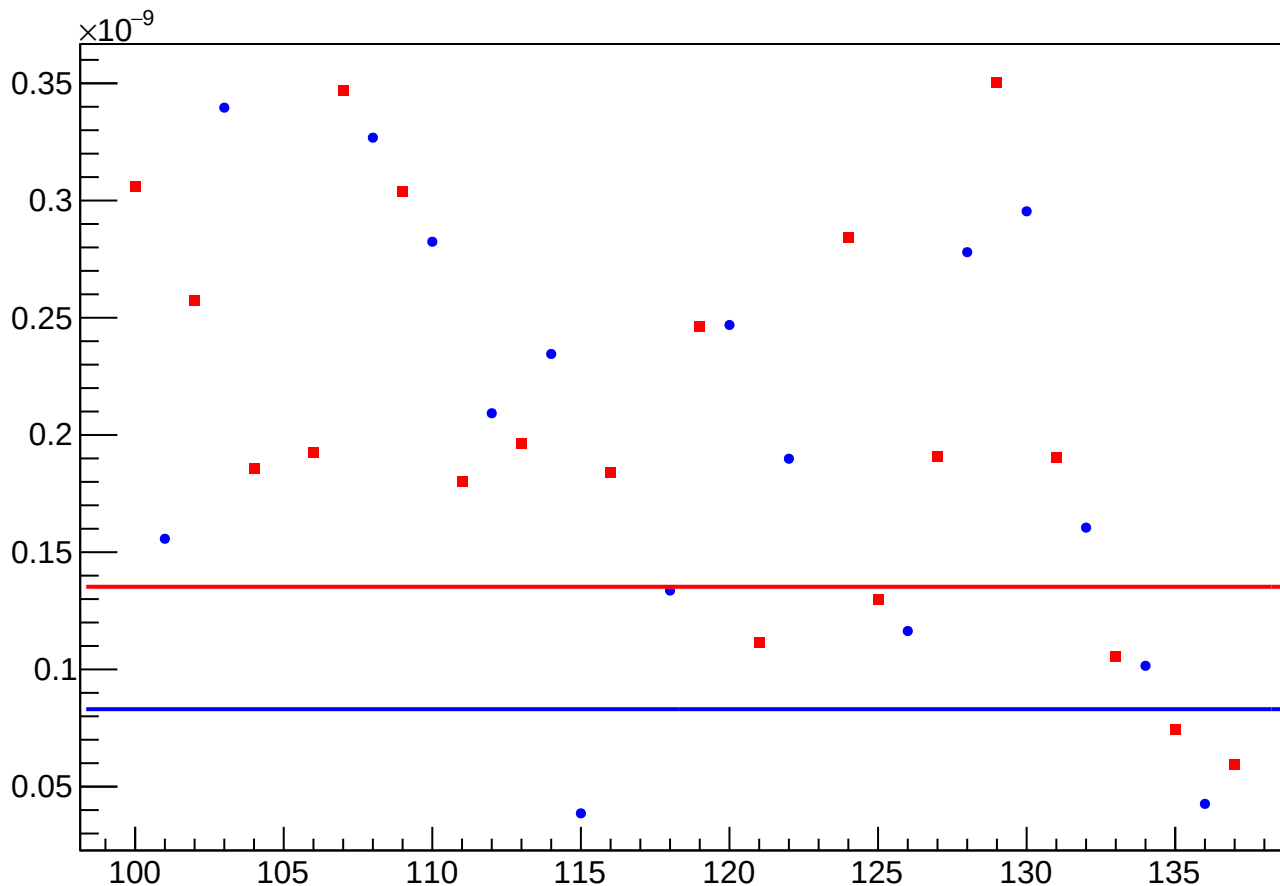
Right: -0.000+/-0.000 χ^2/NDF : 25.5/34

In: -0.000+/-0.000 χ^2/NDF : 11.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/34

asym_sam2_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2702339.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1401659.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

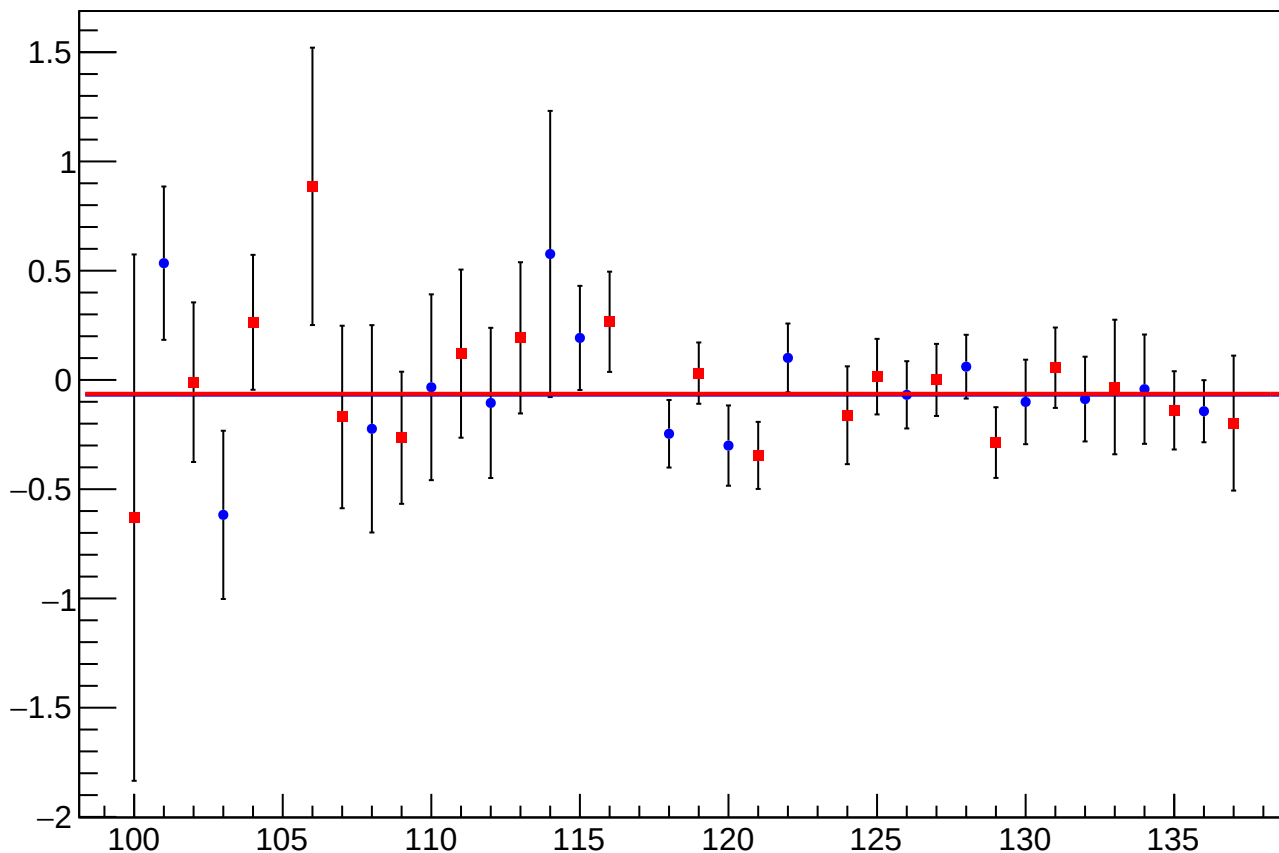
Right: 0.000+/-0.000 χ^2/NDF : 4605860.5/34

In: 0.000+/-0.000 χ^2/NDF : 2702339.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4605860.5/34

asym_sam2_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.063 ± 0.052 χ^2/NDF : 14.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

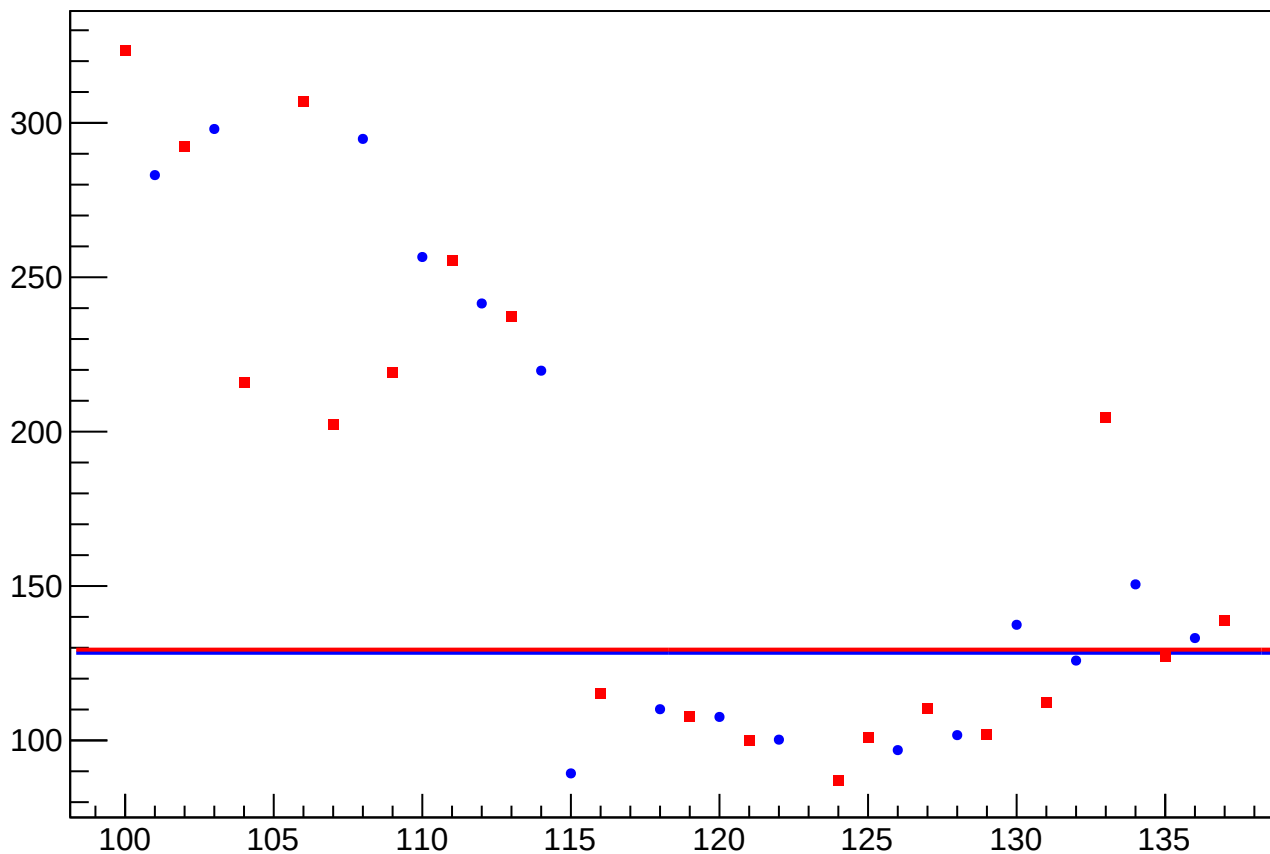
Right: -0.065 ± 0.037 χ^2/NDF : 26.5/34

In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.037 χ^2/NDF : 26.5/34

asym_sam2_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.380+/-0.037 χ^2/NDF : 1805078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.399+/-0.037 χ^2/NDF : 1888271.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

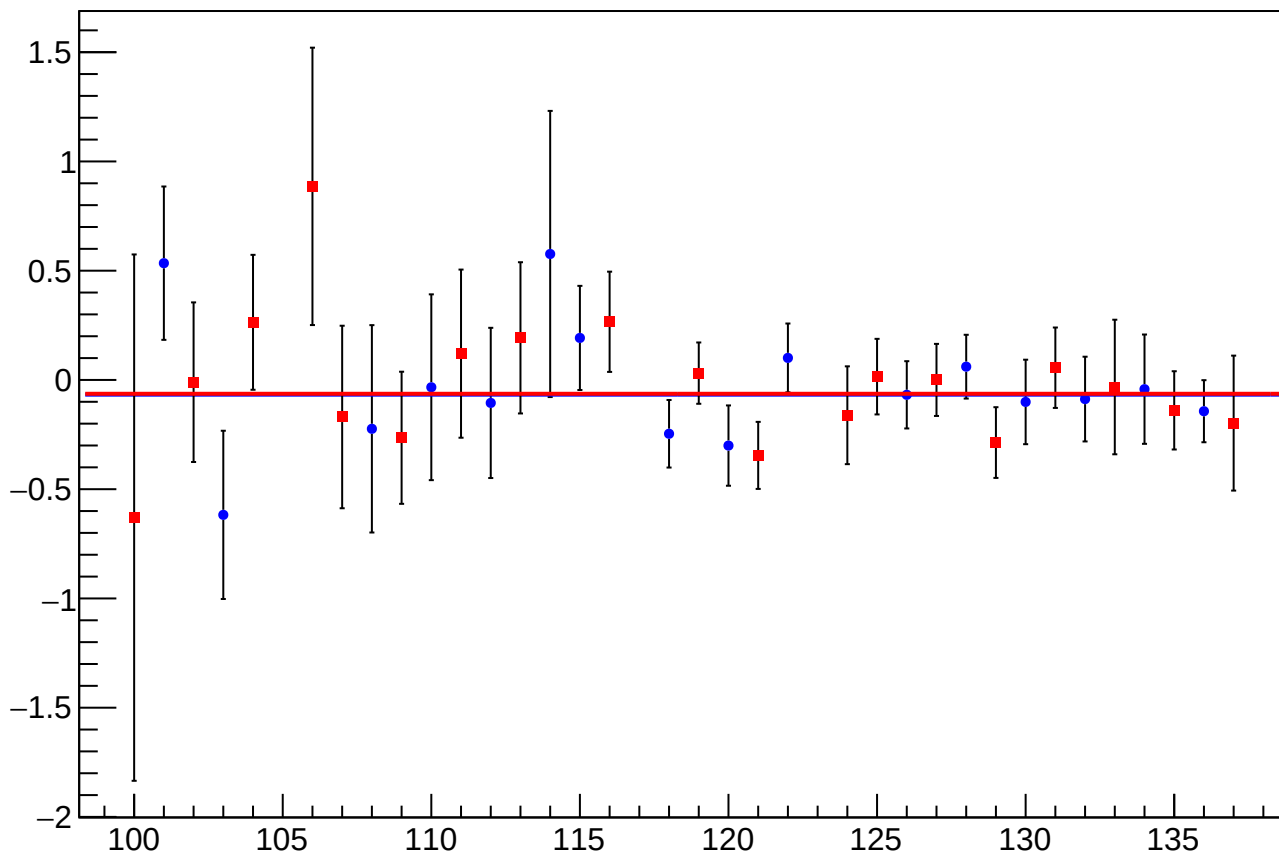
Right: 128.891+/-0.026 χ^2/NDF : 3693738.9/34

In: 128.380+/-0.037 χ^2/NDF :1805078.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.891+/-0.026 χ^2/NDF : 3693738.9/34

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.063 ± 0.052 χ^2/NDF : 14.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

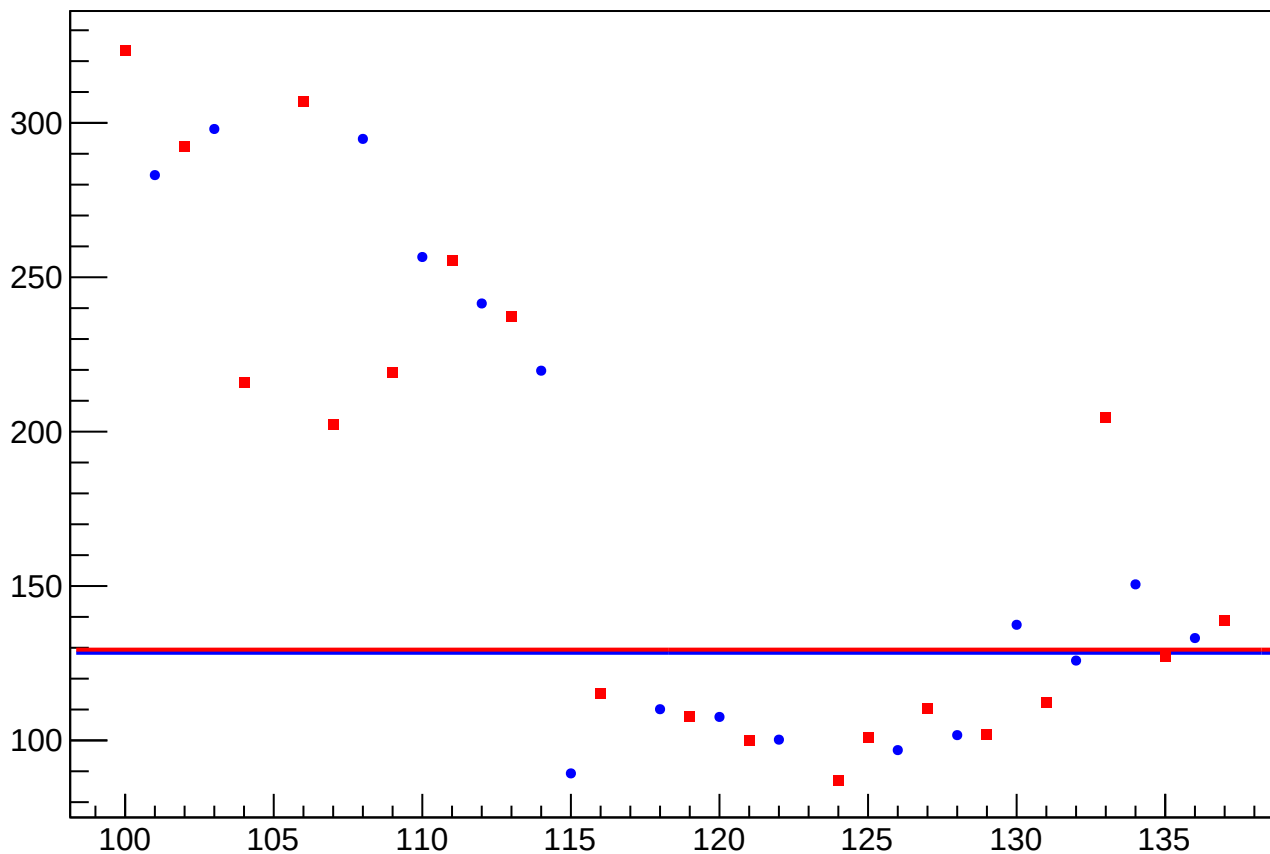
Right: -0.065 ± 0.037 χ^2/NDF : 26.5/34

In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.037 χ^2/NDF : 26.5/34

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.380+/-0.037 χ^2/NDF : 1805078.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.399+/-0.037 χ^2/NDF : 1888271.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

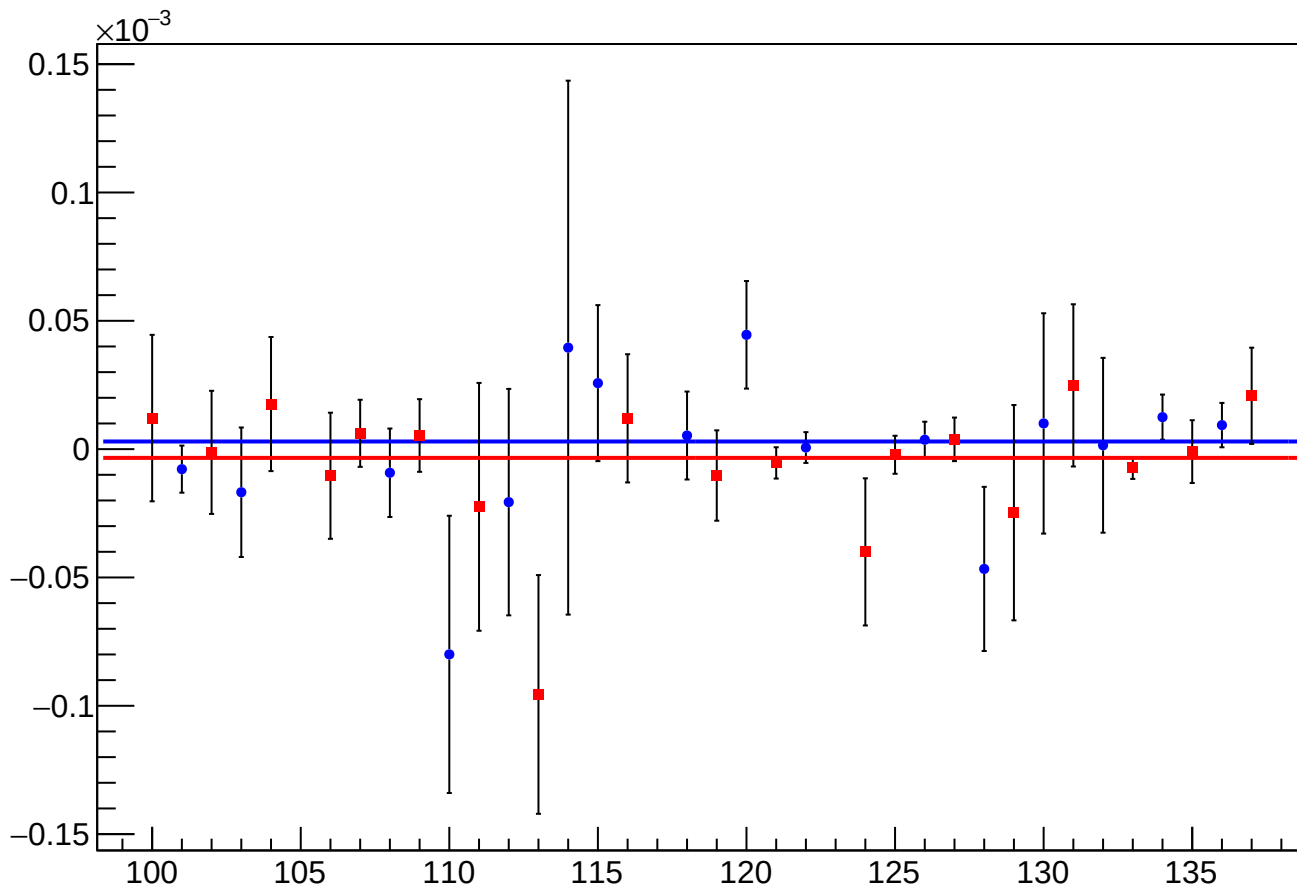
Right: 128.891+/-0.026 χ^2/NDF : 3693738.9/34

In: 128.380+/-0.037 χ^2/NDF : 1805078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.891+/-0.026 χ^2/NDF : 3693738.9/34

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

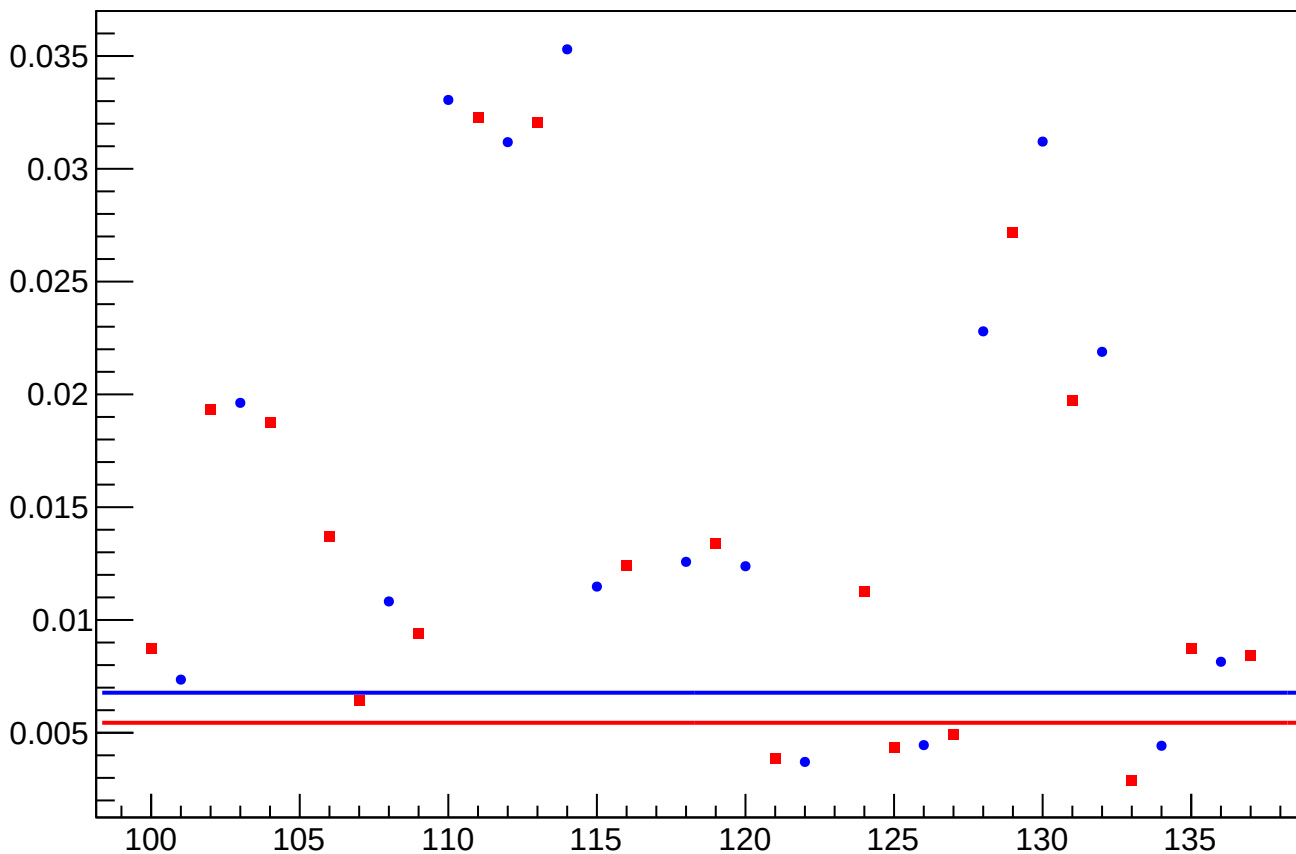
Right: -0.000+/-0.000 χ^2/NDF : 29.1/34

In: 0.000+/-0.000 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.1/34

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.007+/-0.000

χ^2/NDF : 4772275.3/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.005+/-0.000

χ^2/NDF : 5572364.1/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 10558524.8/34

In: 0.007+/-0.000

χ^2/NDF :4772275.3/15

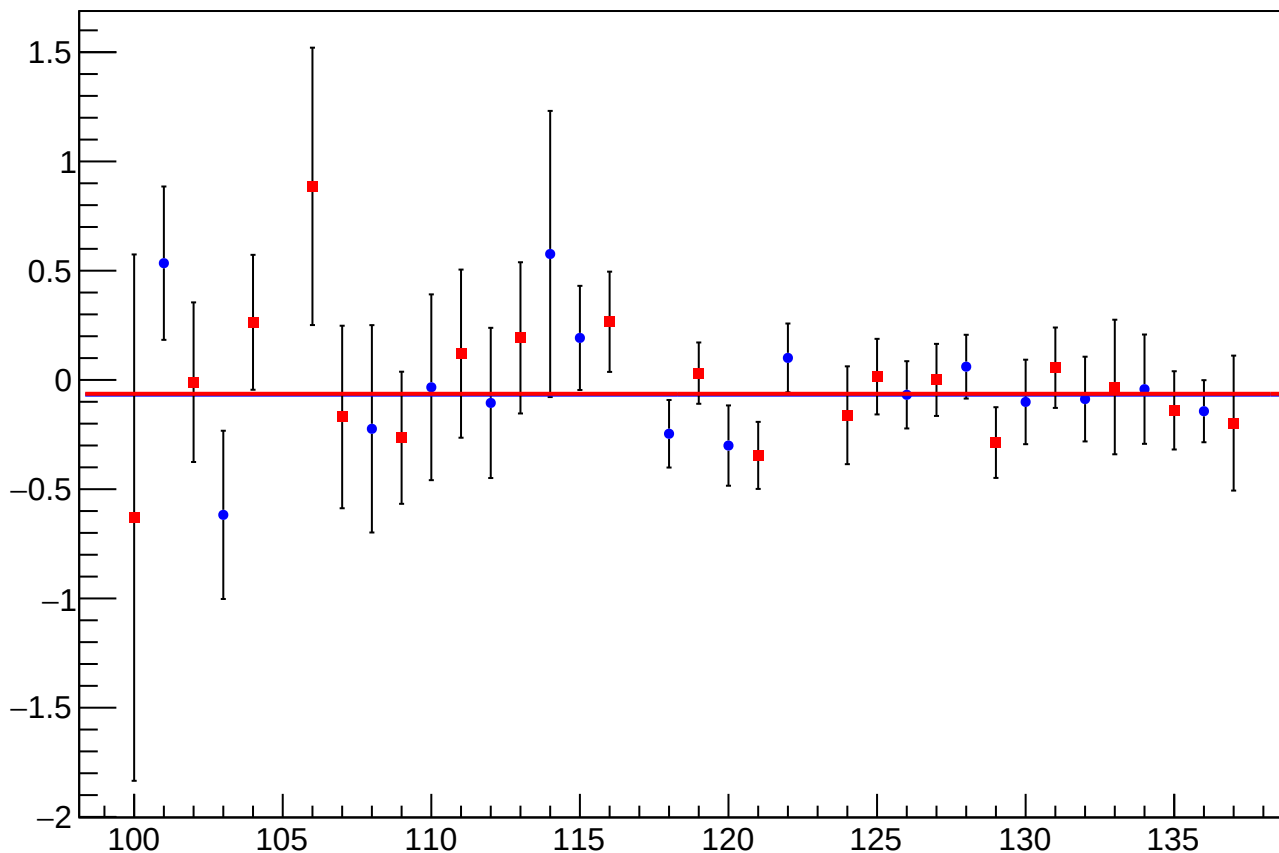
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.006+/-0.000

χ^2/NDF : 10558524.8/34

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 ± 0.052 $\chi^2/\text{NDF}: 12.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.063 ± 0.052 $\chi^2/\text{NDF}: 14.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

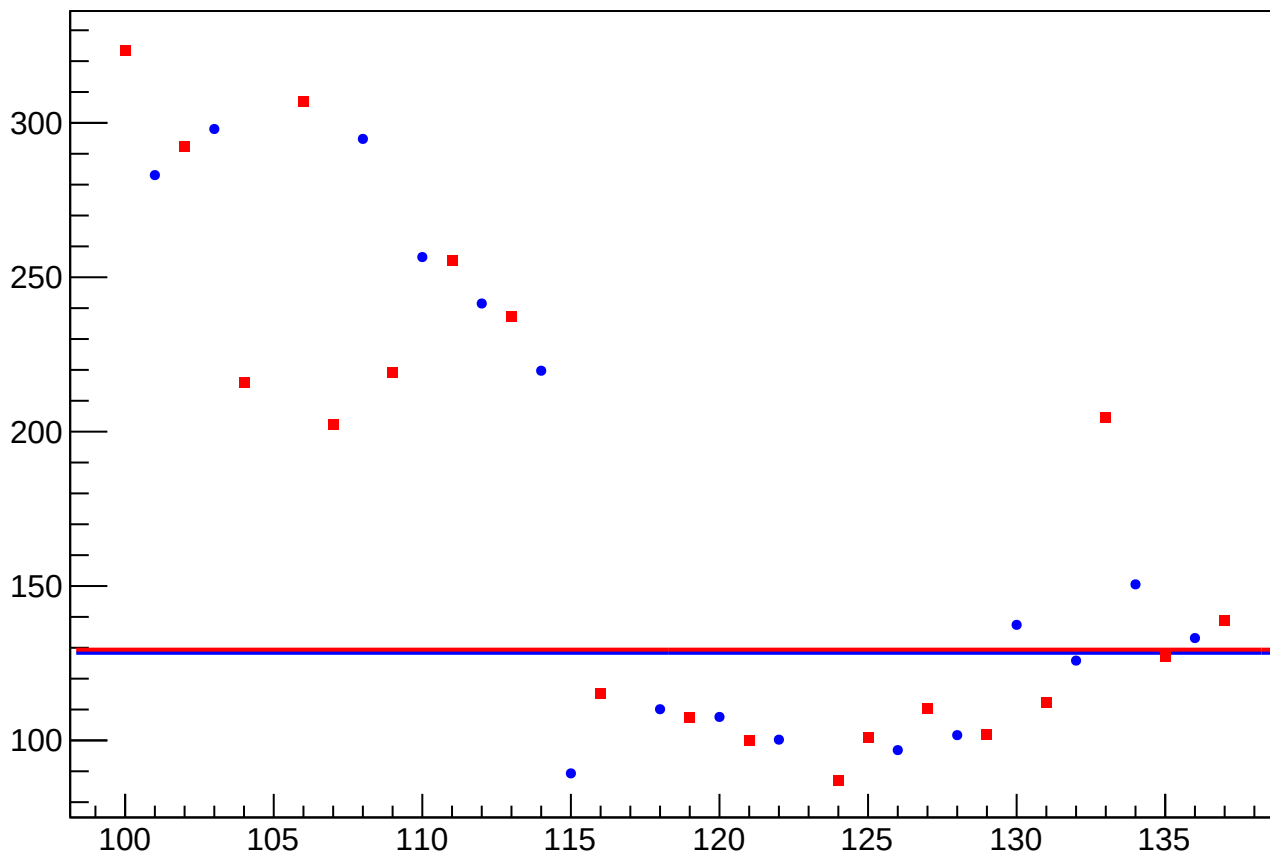
Right: -0.065 ± 0.037 $\chi^2/\text{NDF}: 26.5/34$

In: -0.067 ± 0.052 $\chi^2/\text{NDF}: 12.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.065 ± 0.037 $\chi^2/\text{NDF}: 26.5/34$

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.377+/-0.037 χ^2/NDF : 1805026.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.396+/-0.036 χ^2/NDF : 1888272.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

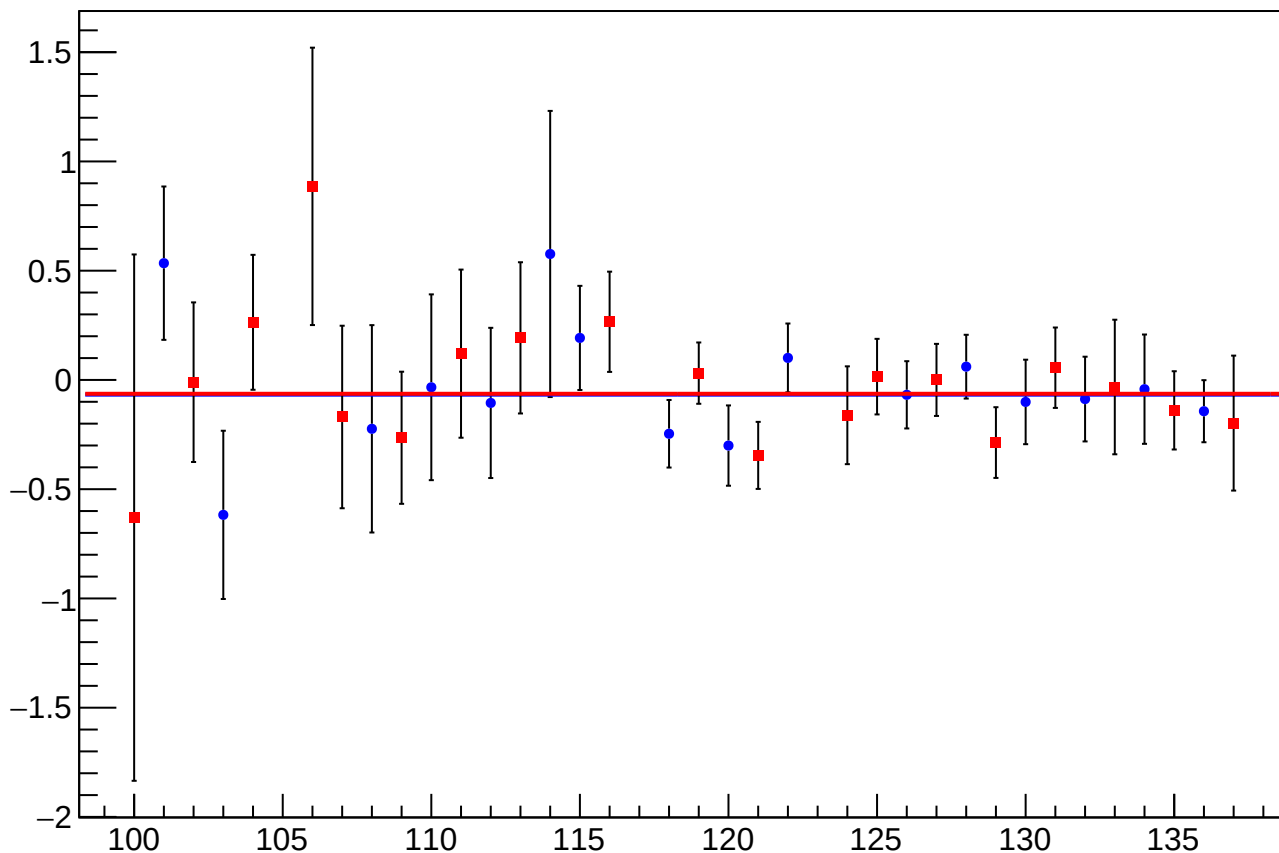
Right: 128.888+/-0.026 χ^2/NDF : 3693688.1/34

In: 128.377+/-0.037 χ^2/NDF : 1805026.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.888+/-0.026 χ^2/NDF : 3693688.1/34

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.063 ± 0.052 χ^2/NDF : 14.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

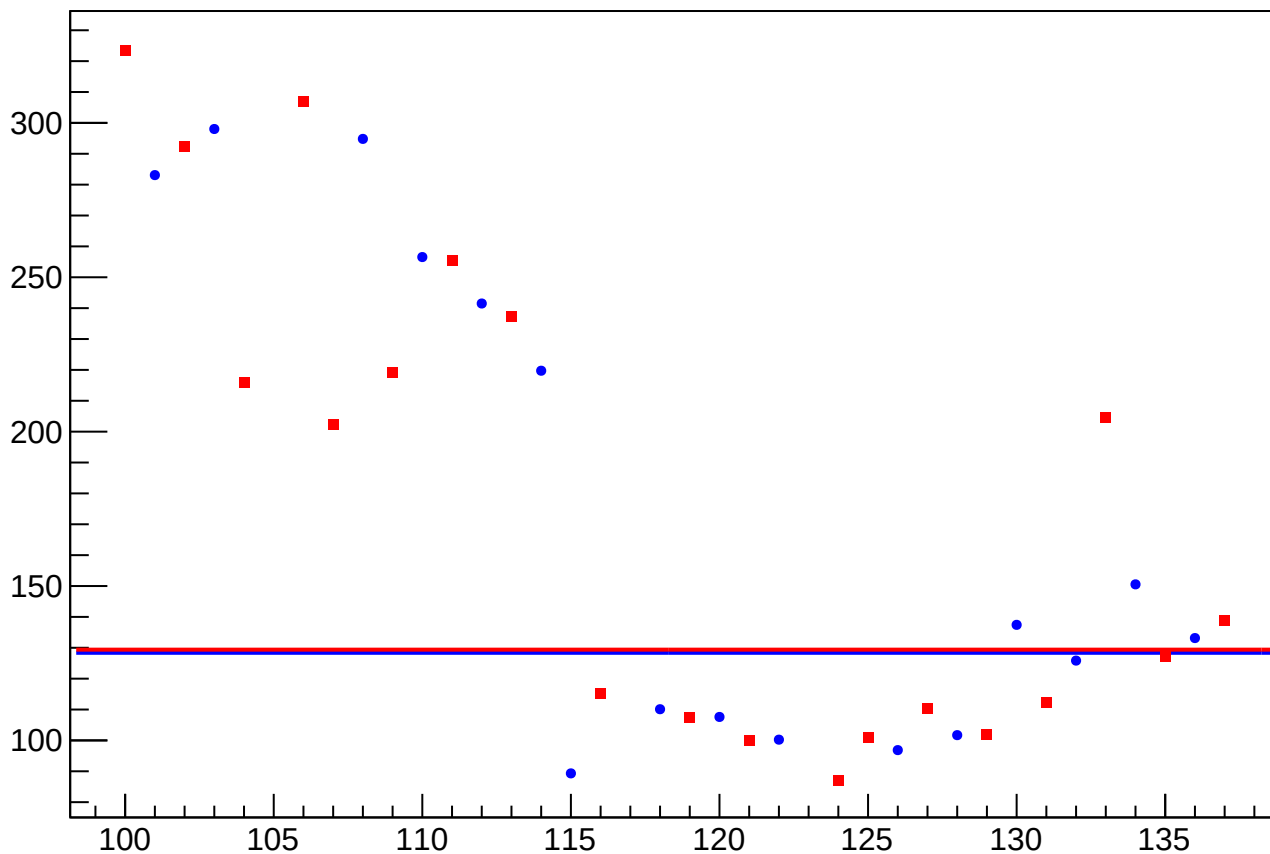
Right: -0.065 ± 0.037 χ^2/NDF : 26.5/34

In: -0.067 ± 0.052 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.065 ± 0.037 χ^2/NDF : 26.5/34

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 128.377+/-0.037 χ^2/NDF : 1805026.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 129.396+/-0.036 χ^2/NDF : 1888272.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

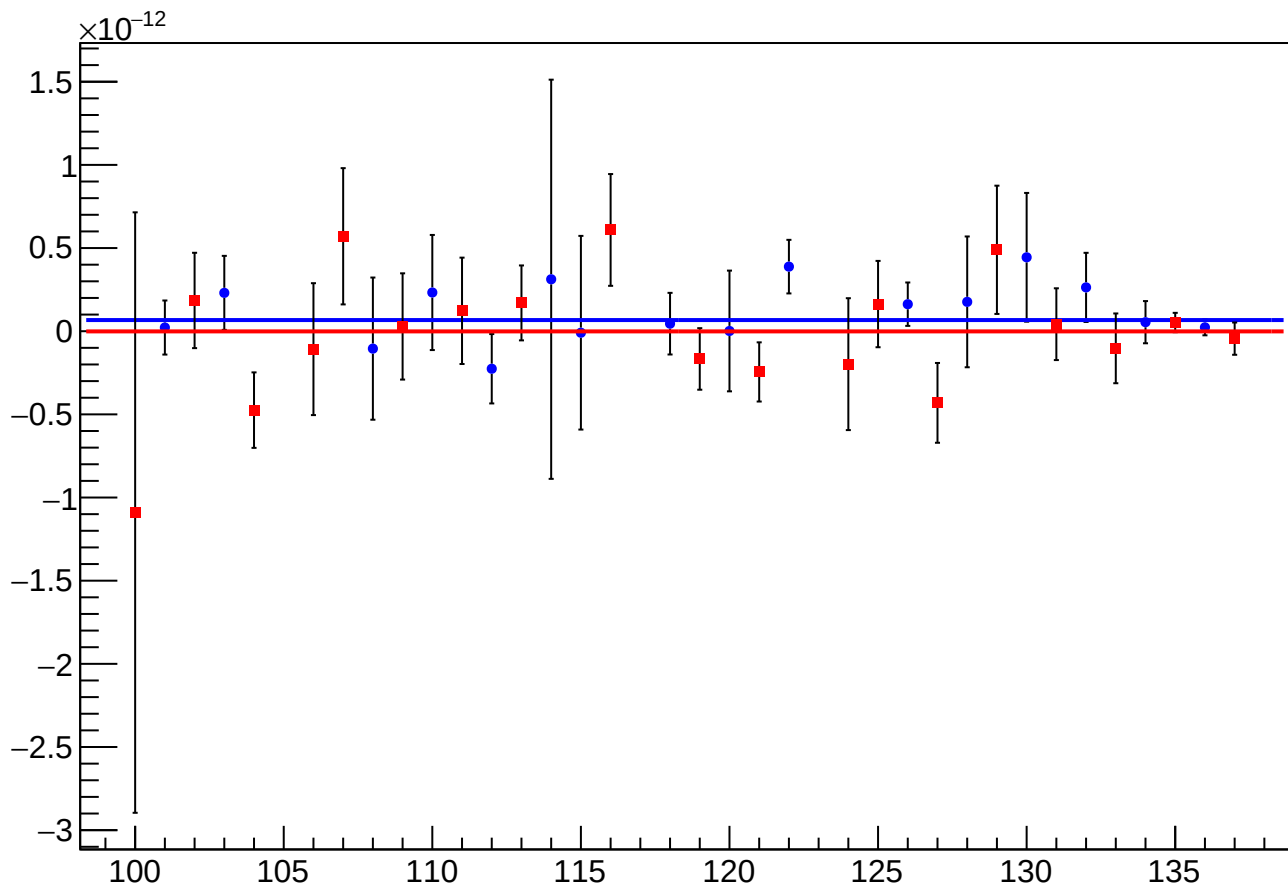
Right: 128.888+/-0.026 χ^2/NDF : 3693688.1/34

In: 128.377+/-0.037 χ^2/NDF :1805026.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.888+/-0.026 χ^2/NDF : 3693688.1/34

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

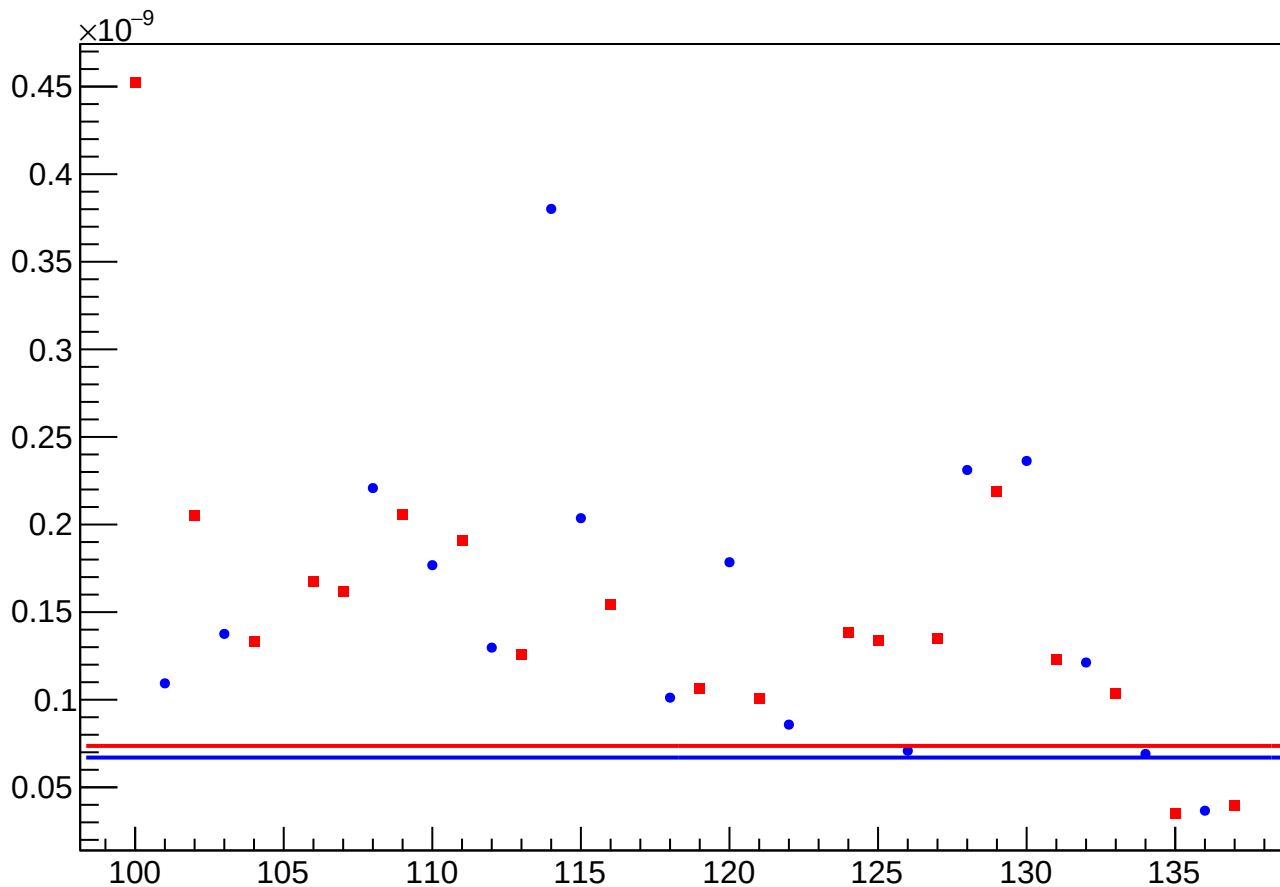
Right: 0.000+/-0.000 χ^2/NDF : 32.7/34

In: 0.000+/-0.000 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.7/34

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3180725.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3653663.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

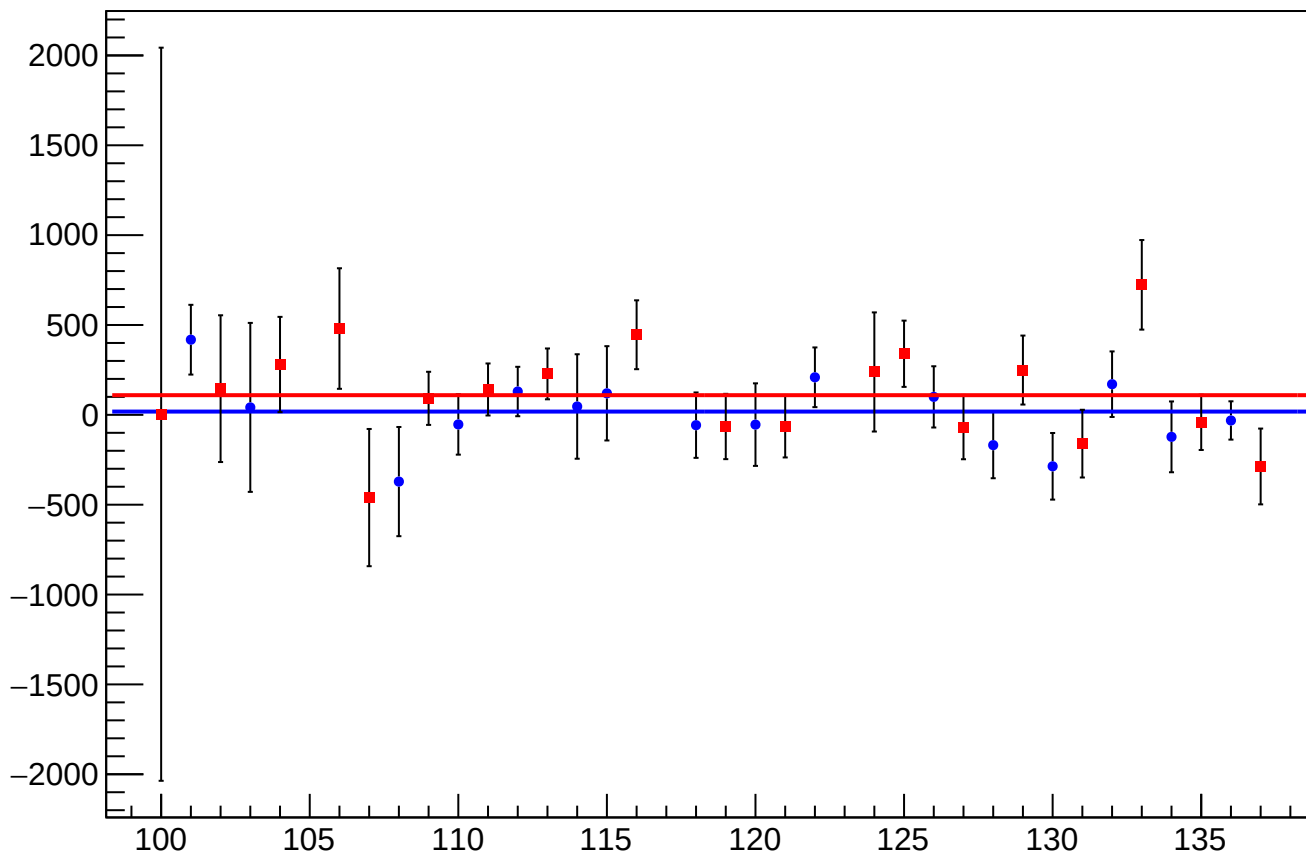
Right: 0.000+/-0.000 χ^2/NDF : 6865290.4/34

In: 0.000+/-0.000 χ^2/NDF : 3180725.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6865290.4/34

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 18.204+/-45.704 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.432+/-45.825 χ^2/NDF : 25.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

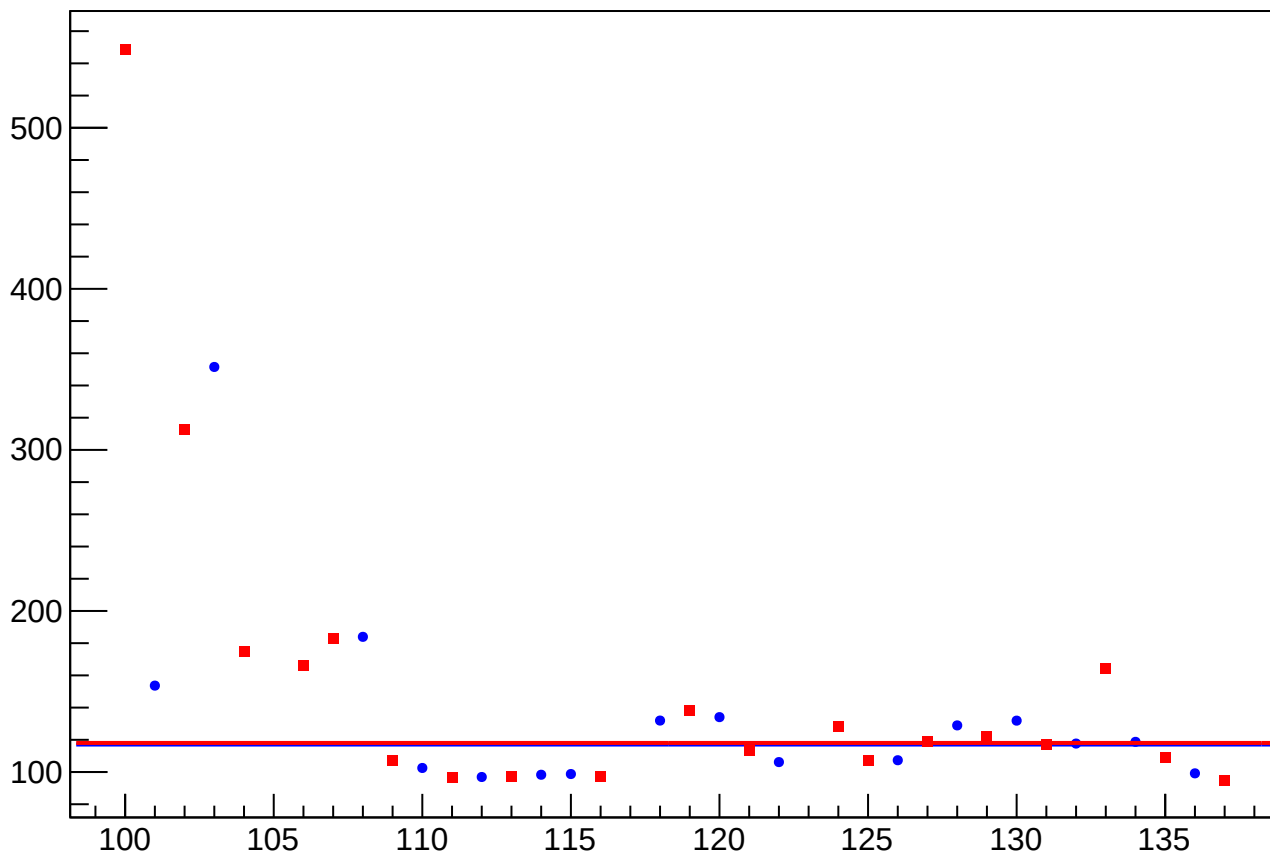
Right: 63.698+/-32.360 χ^2/NDF : 41.3/34

In: 18.204+/-45.704 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.698+/-32.360 χ^2/NDF : 41.3/34

reg_asym_sam3_rms vs Slug, Sign Corrected



Right In: 117.063+/-0.032 χ^2/NDF : 858400.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.057+/-0.032 χ^2/NDF : 990748.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

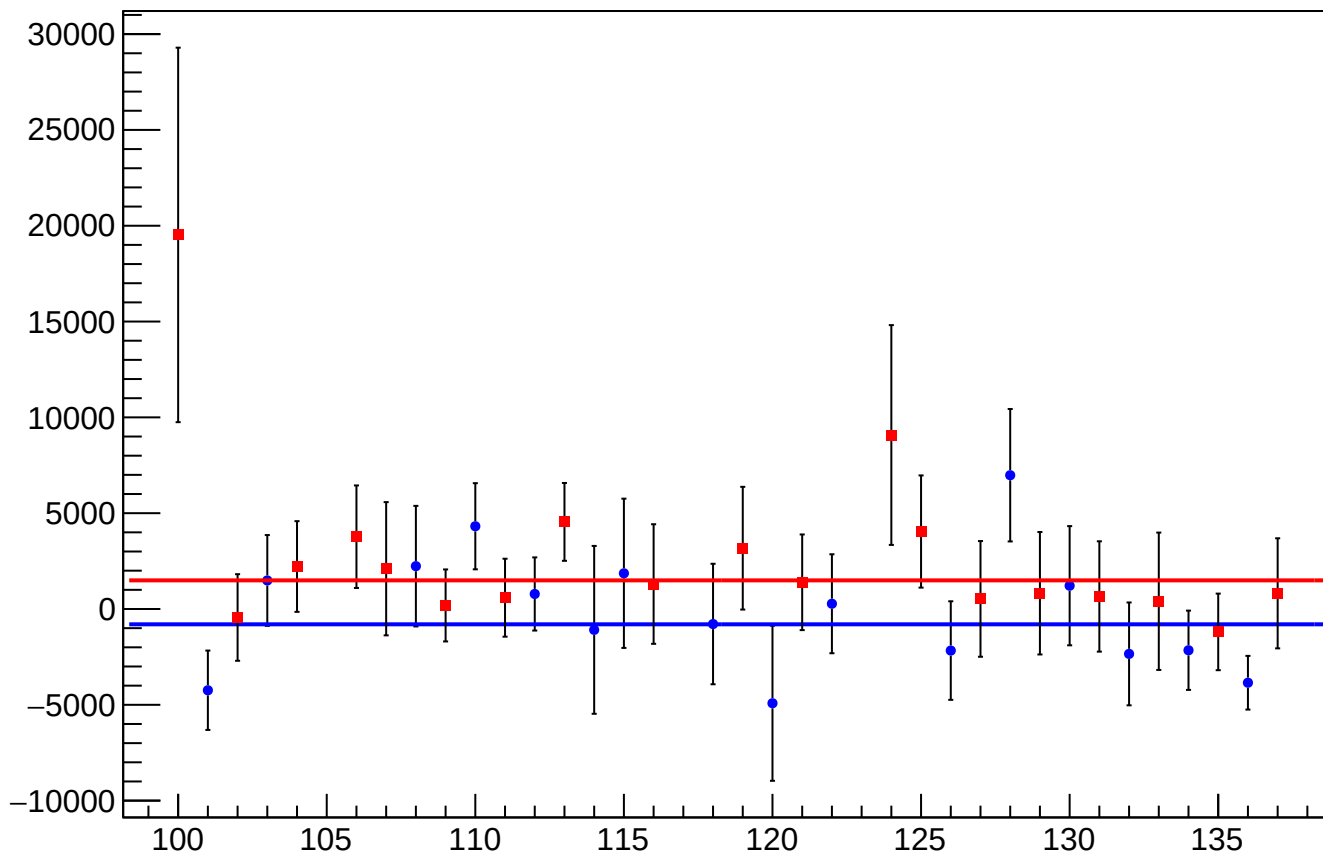
Right: 117.559+/-0.023 χ^2/NDF : 1849621.4/34

In: 117.063+/-0.032 χ^2/NDF : 858400.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.559+/-0.023 χ^2/NDF : 1849621.4/34

asym_sam3_reg_correction_mean vs Slug, Sign Corrected



Right In: -799.133+/-616.009 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1493.897+/-613.097 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

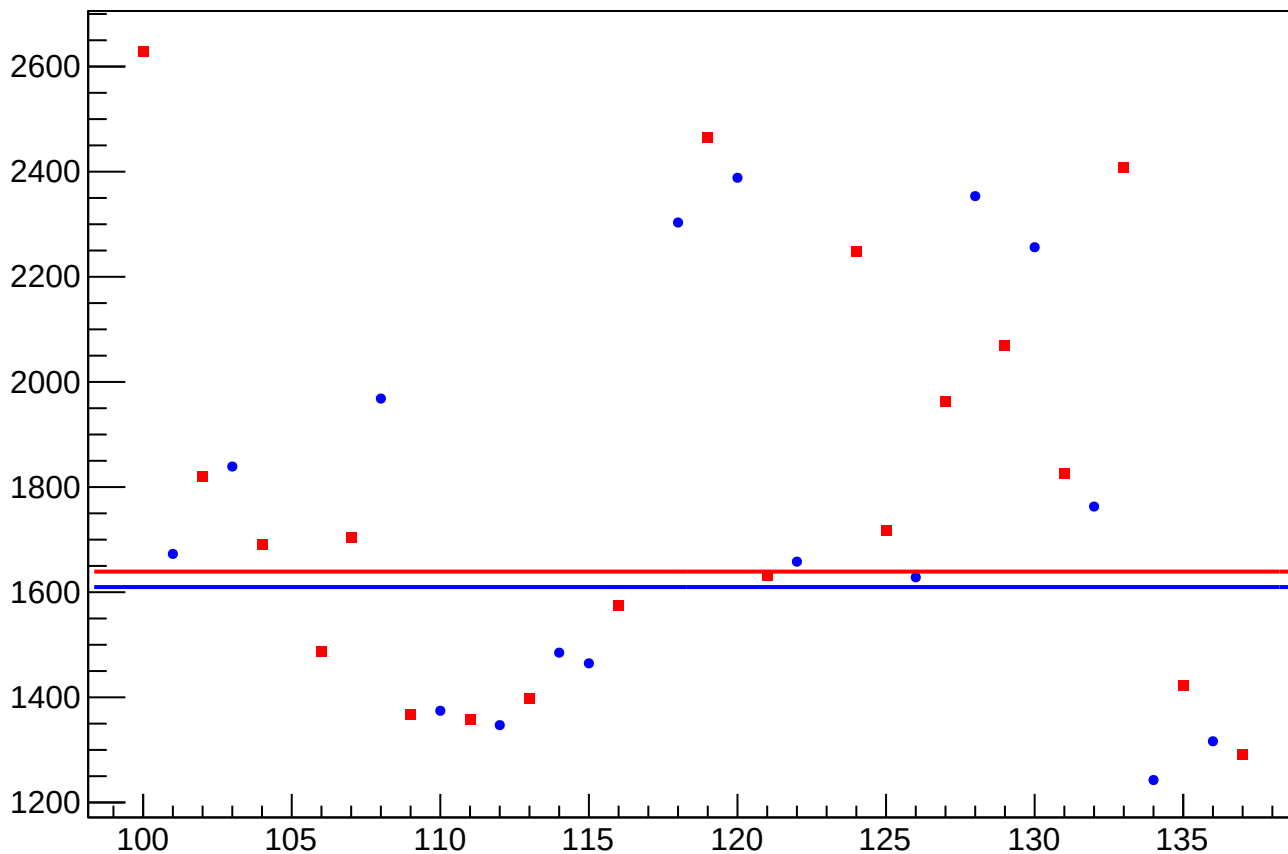
Right: 352.815+/-434.551 χ^2/NDF : 43.3/34

In: -799.133+/-616.009 χ^2/NDF :23.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 352.815+/-434.551 χ^2/NDF : 43.3/34

asym_sam3_reg_correction_rms vs Slug, Sign Corrected



Right In: 1609.782+/-0.436 χ^2/NDF : 619129.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1639.241+/-0.434 χ^2/NDF : 520182.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

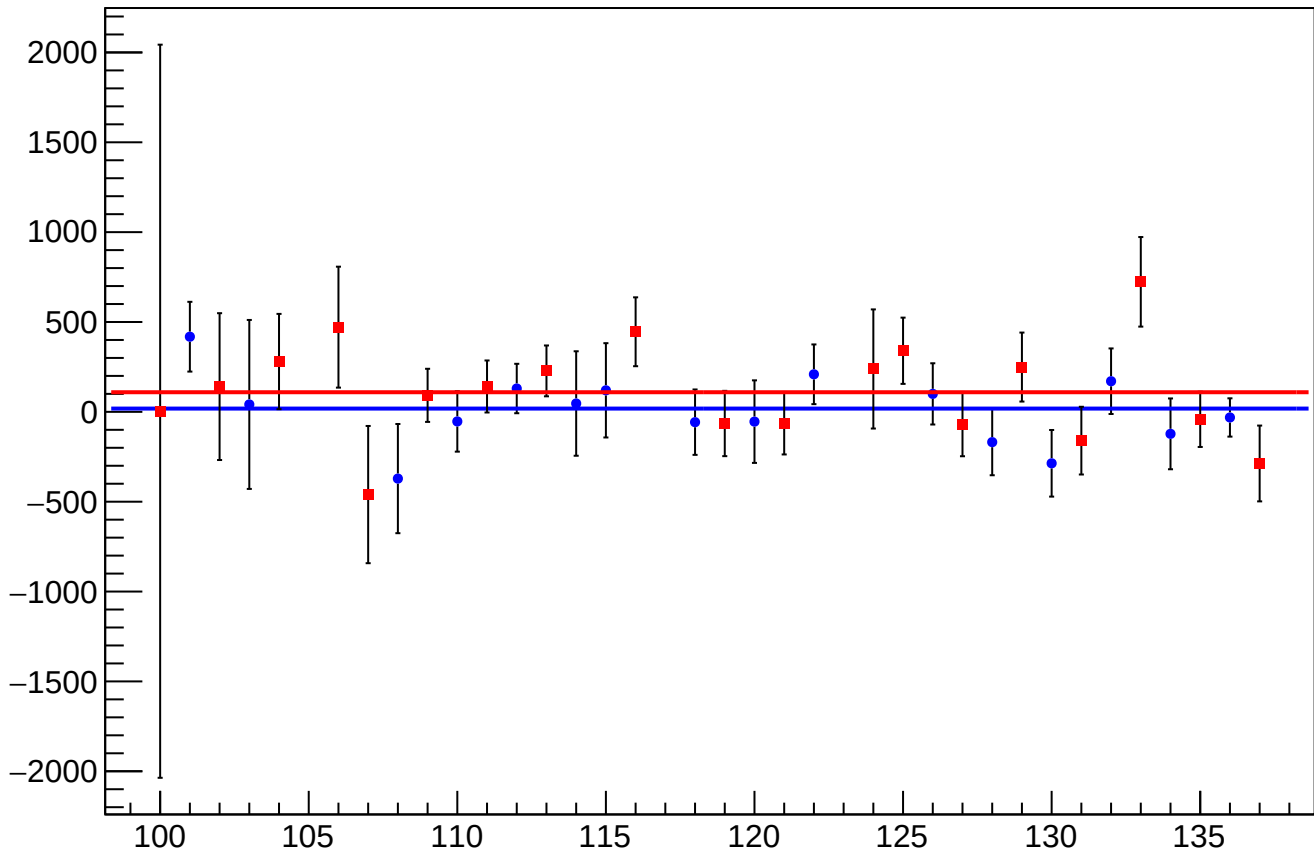
Right: 1624.581+/-0.307 χ^2/NDF : 1141609.2/34

In: 1609.782+/-0.436 χ^2/NDF : 619129.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1624.581+/-0.307 χ^2/NDF : 1141609.2/34

cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.151+/-45.828 χ^2/NDF : 25.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

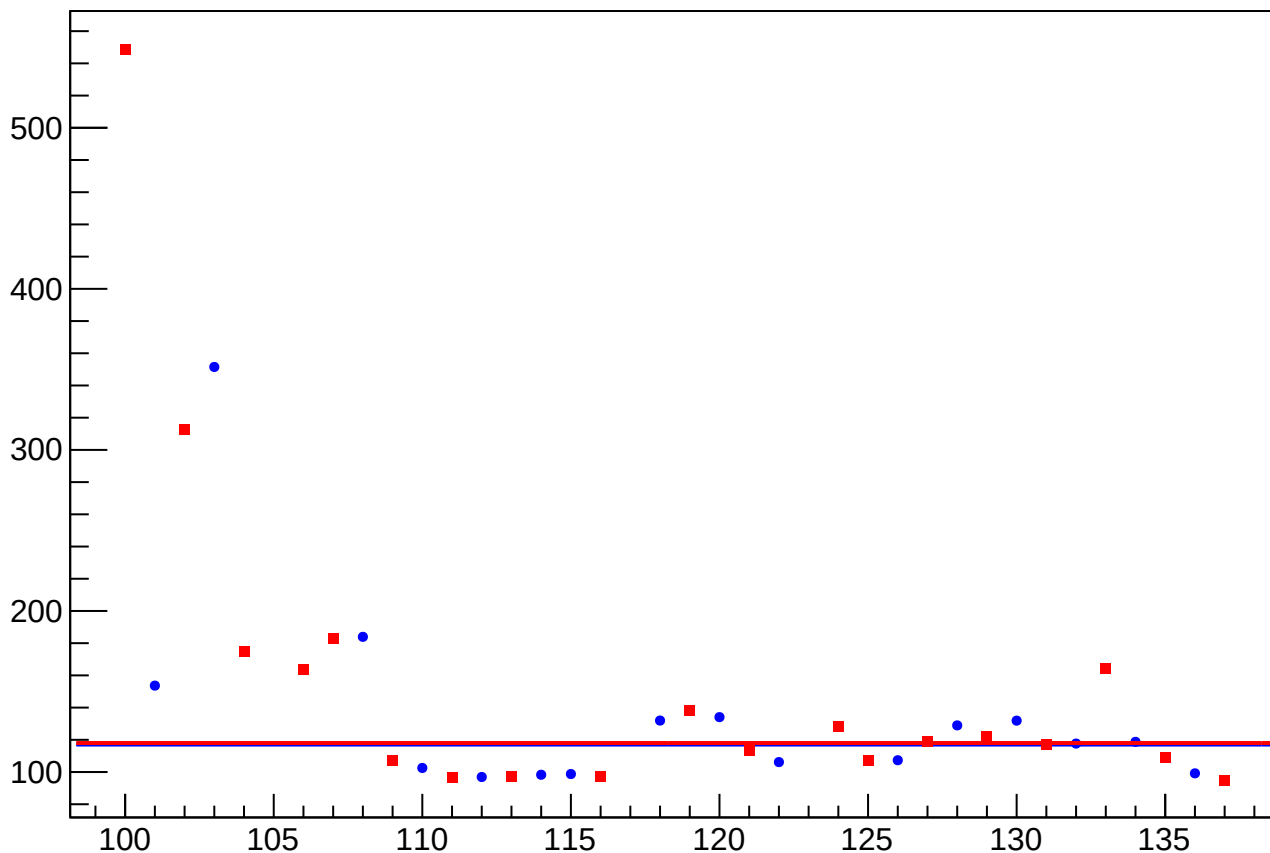
Right: 63.548+/-32.361 χ^2/NDF : 41.2/34

In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.548+/-32.361 χ^2/NDF : 41.2/34

cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 117.063 $\pm$ 0.032 χ^2 /NDF: 858402.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 118.006 $\pm$ 0.032 χ^2 /NDF: 986553.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

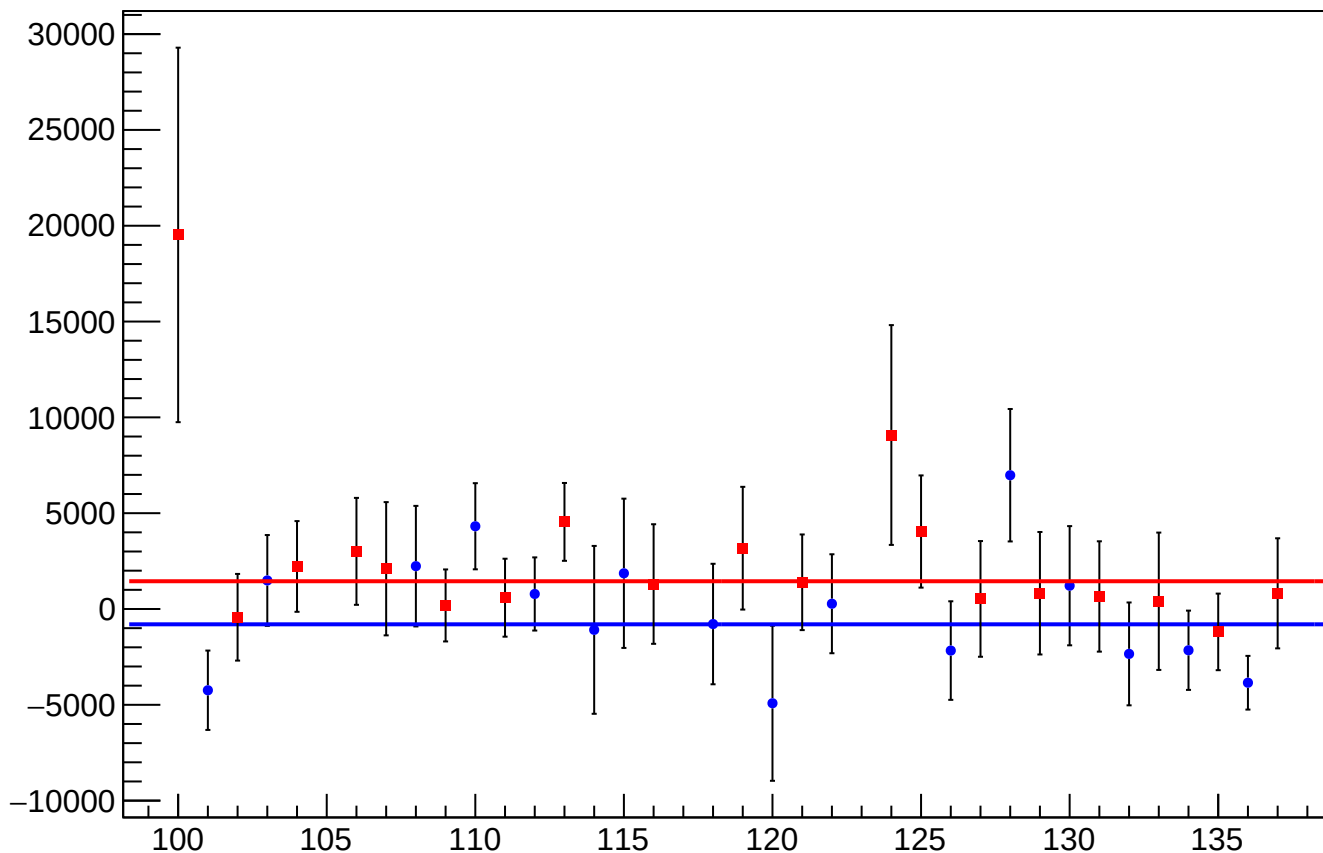
Right: 117.533 $\pm$ 0.023 χ^2 /NDF: 1845381.4/34

In: 117.063 $\pm$ 0.032 χ^2 /NDF:858402.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.533 $\pm$ 0.023 χ^2 /NDF: 1845381.4/34

asym_sam3_cor_correction_mean vs Slug, Sign Corrected



Right In: -799.116+/-616.014 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1448.433+/-614.443 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

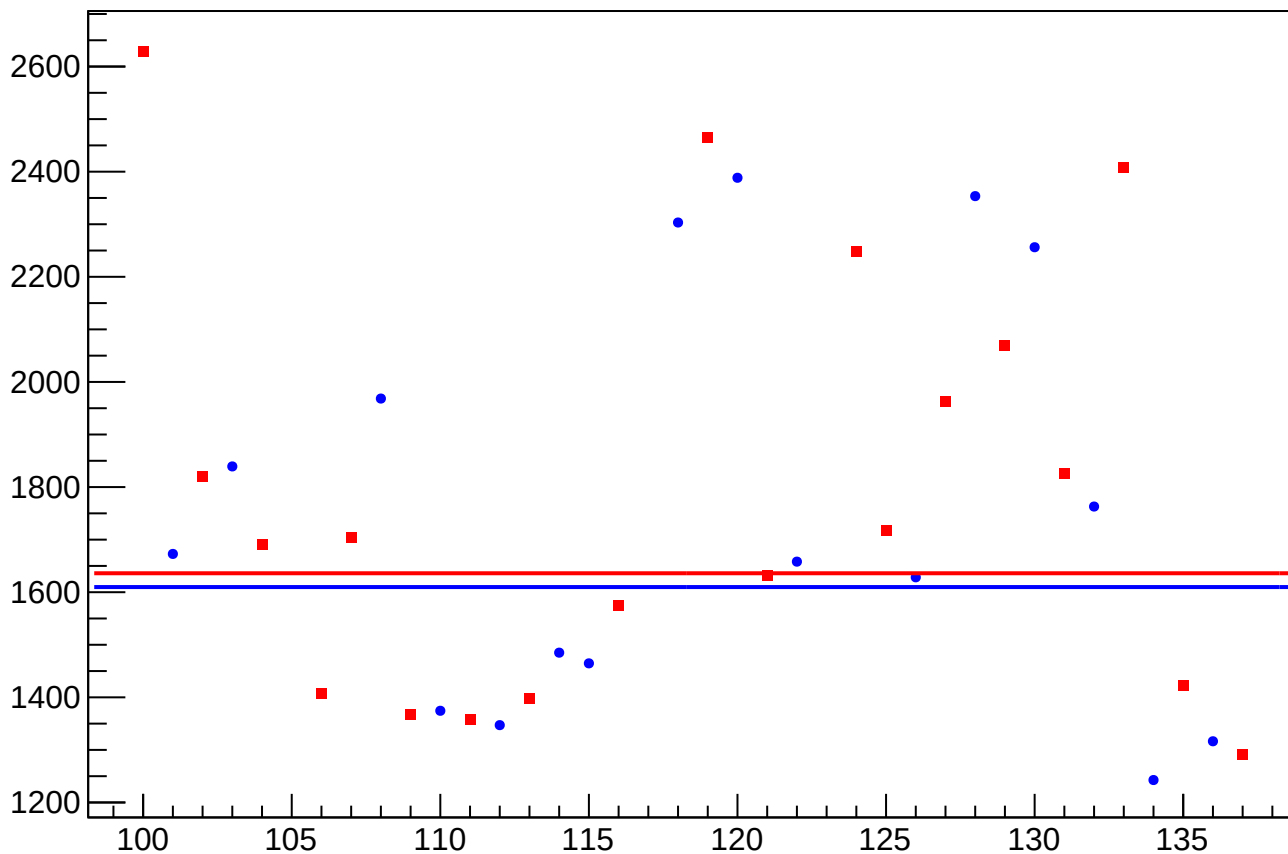
Right: 327.528+/-435.031 χ^2/NDF : 42.6/34

In: -799.116+/-616.014 χ^2/NDF :23.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 327.528+/-435.031 χ^2/NDF : 42.6/34

asym_sam3_cor_correction_rms vs Slug, Sign Corrected



Right In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1636.046+/-0.434 χ^2/NDF : 527809.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

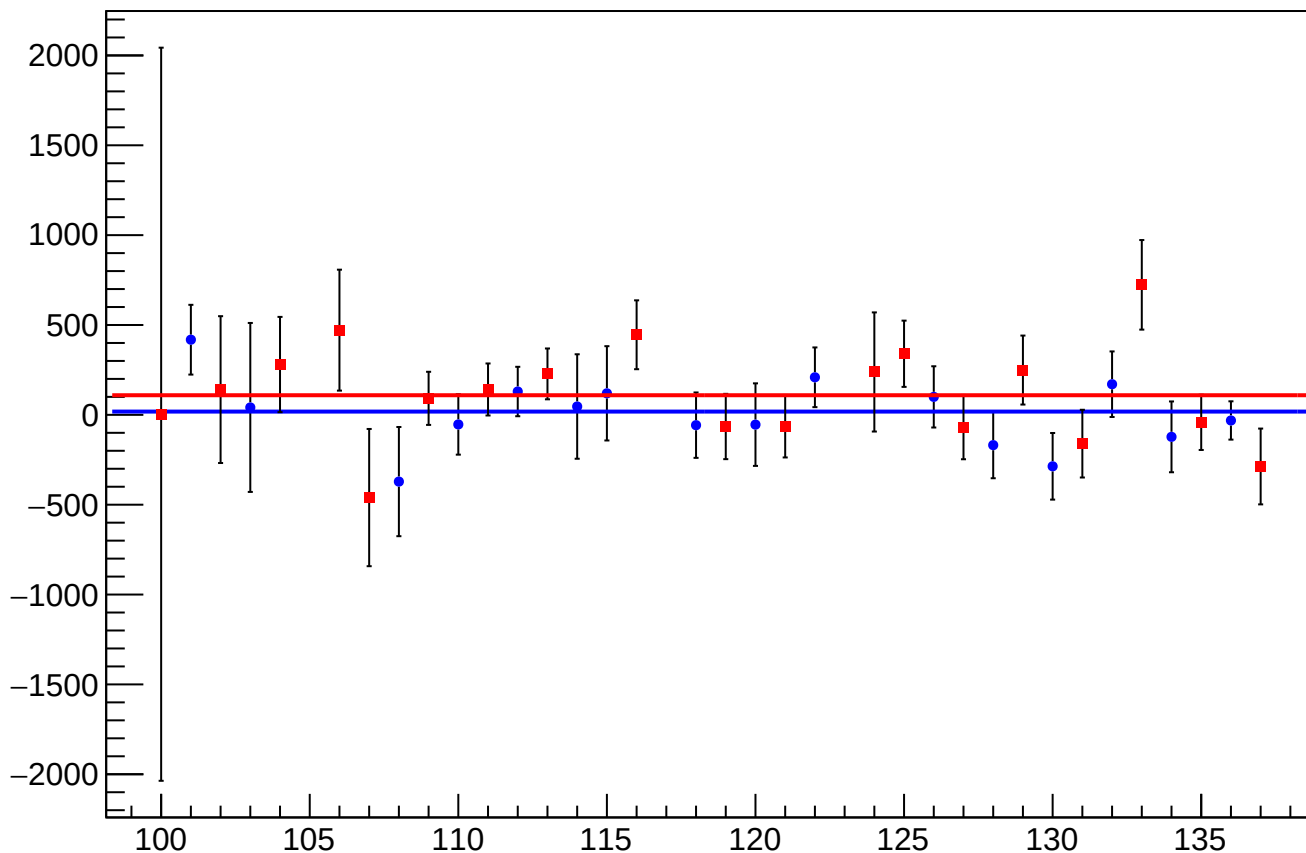
Right: 1622.952+/-0.308 χ^2/NDF : 1148789.4/34

In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.952+/-0.308 χ^2/NDF : 1148789.4/34

eigen_cor_asym_sam3_mean vs Slug, Sign Corrected



Right In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.151+/-45.828 χ^2/NDF : 25.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

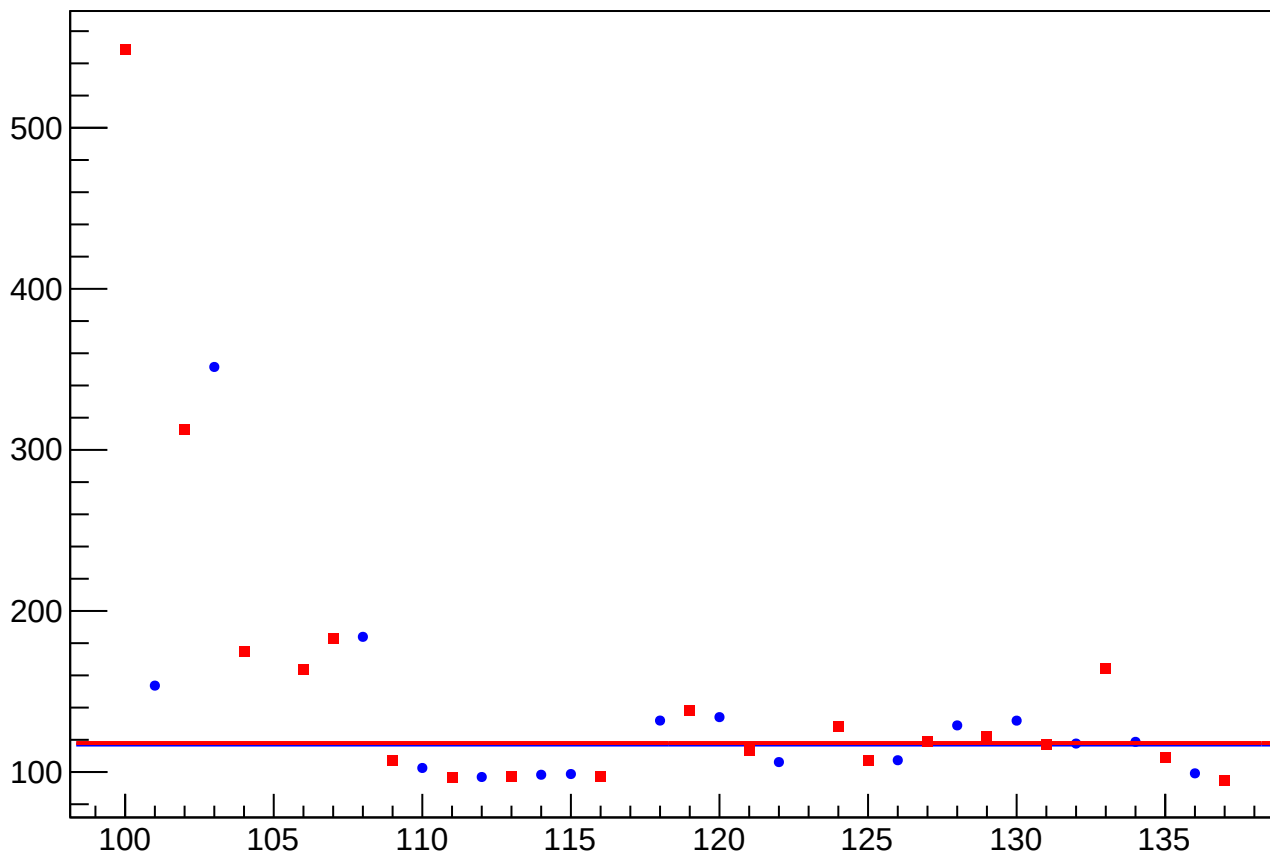
Right: 63.548+/-32.361 χ^2/NDF : 41.2/34

In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.548+/-32.361 χ^2/NDF : 41.2/34

eigen_cor_asym_sam3_rms vs Slug, Sign Corrected



Right In: 117.063+/-0.032 χ^2/NDF : 858402.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.006+/-0.032 χ^2/NDF : 986553.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

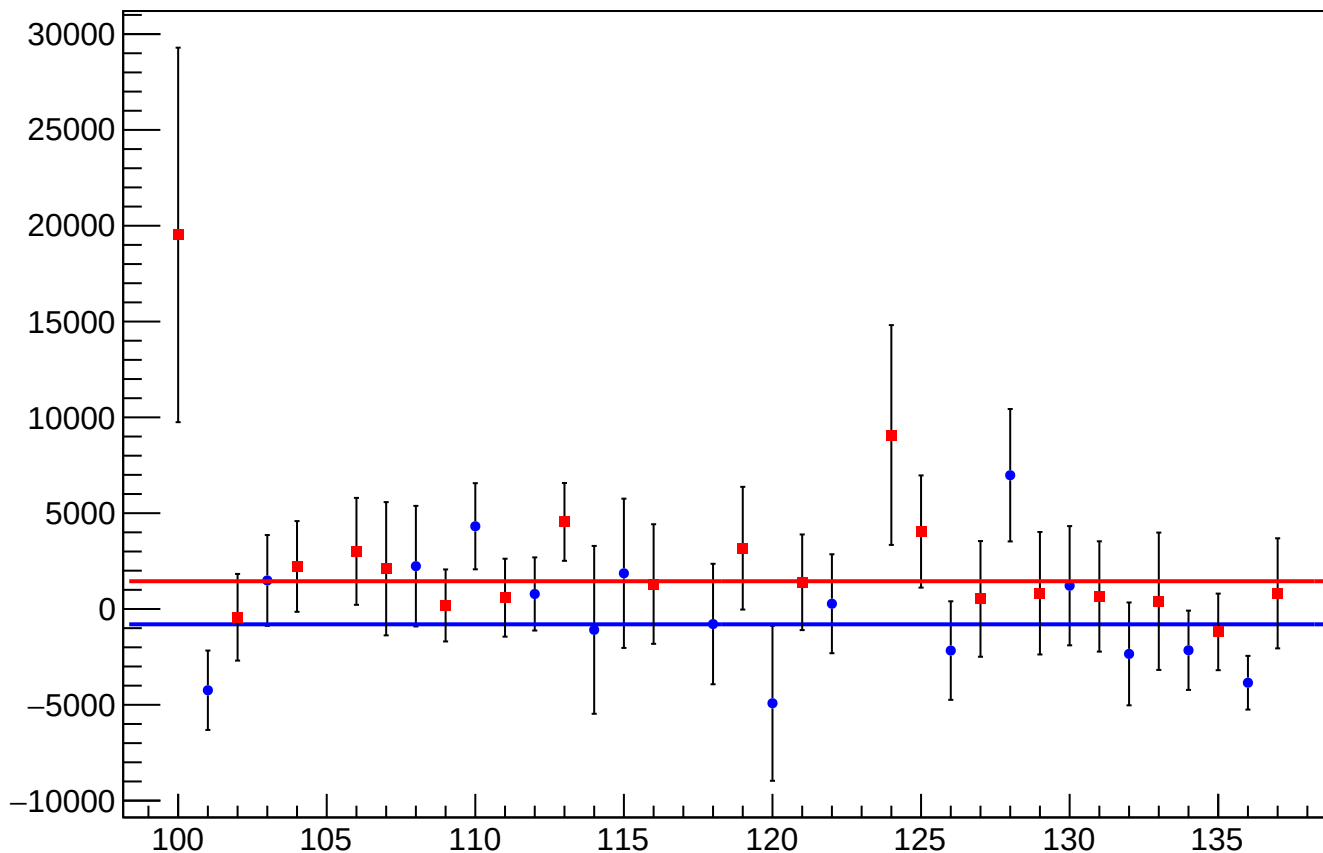
Right: 117.533+/-0.023 χ^2/NDF : 1845381.4/34

In: 117.063+/-0.032 χ^2/NDF : 858402.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.533+/-0.023 χ^2/NDF : 1845381.4/34

asym_sam3_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -799.116+/-616.014 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.433+/-614.443 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

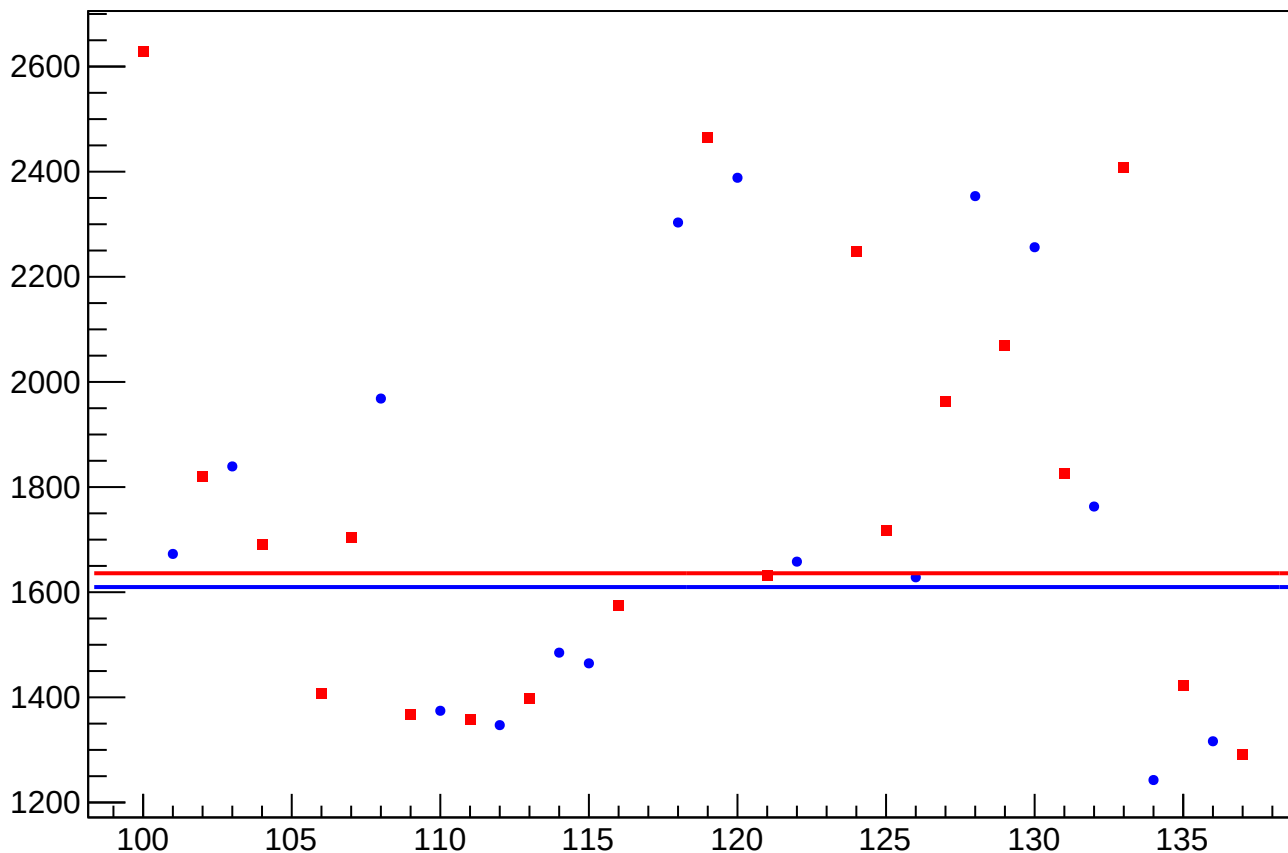
Right: 327.528+/-435.031 χ^2/NDF : 42.6/34

In: -799.116+/-616.014 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.528+/-435.031 χ^2/NDF : 42.6/34

asym_sam3_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1636.046+/-0.434 χ^2/NDF : 527809.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

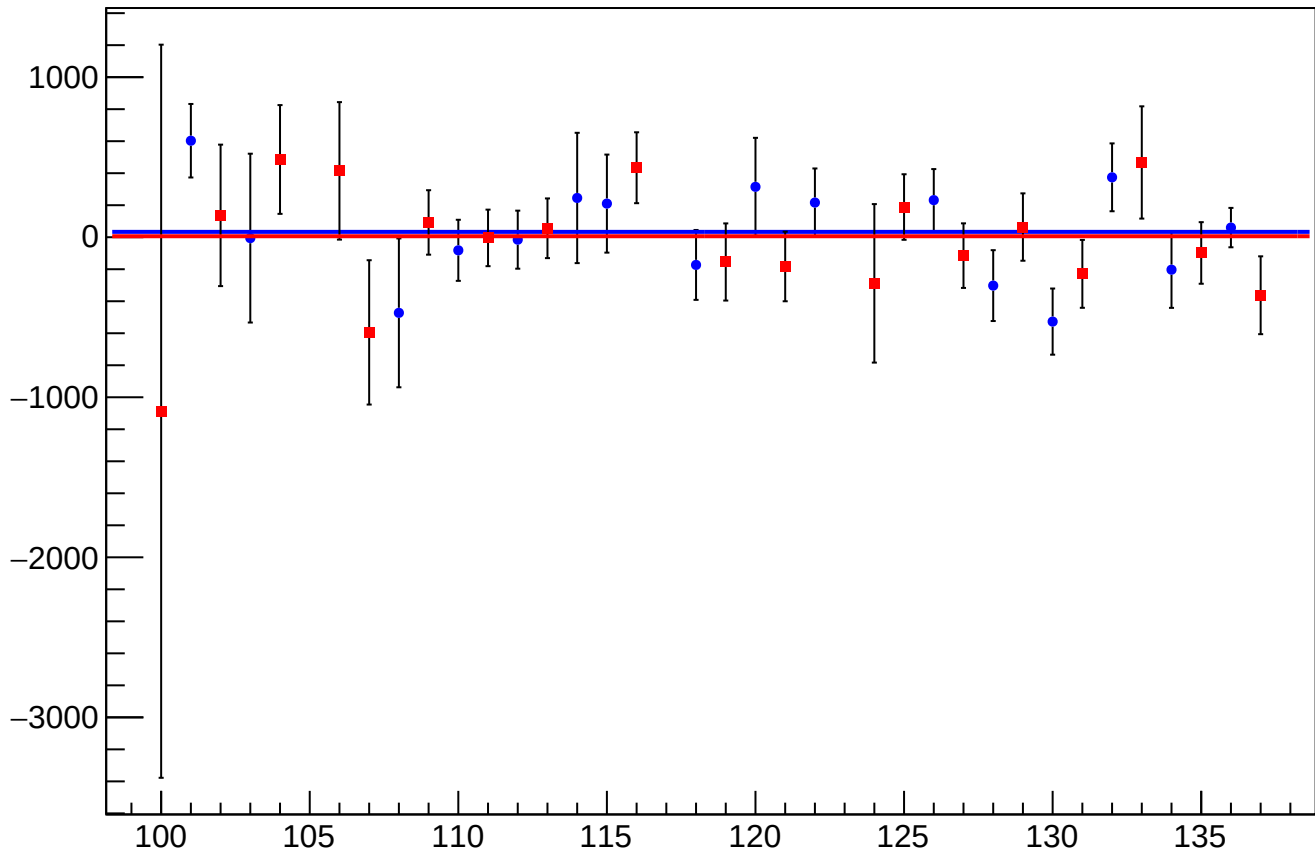
Right: 1622.952+/-0.308 χ^2/NDF : 1148789.4/34

In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1622.952+/-0.308 χ^2/NDF : 1148789.4/34

dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 33.471+/-54.908 χ^2/NDF : 25.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.107+/-56.090 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

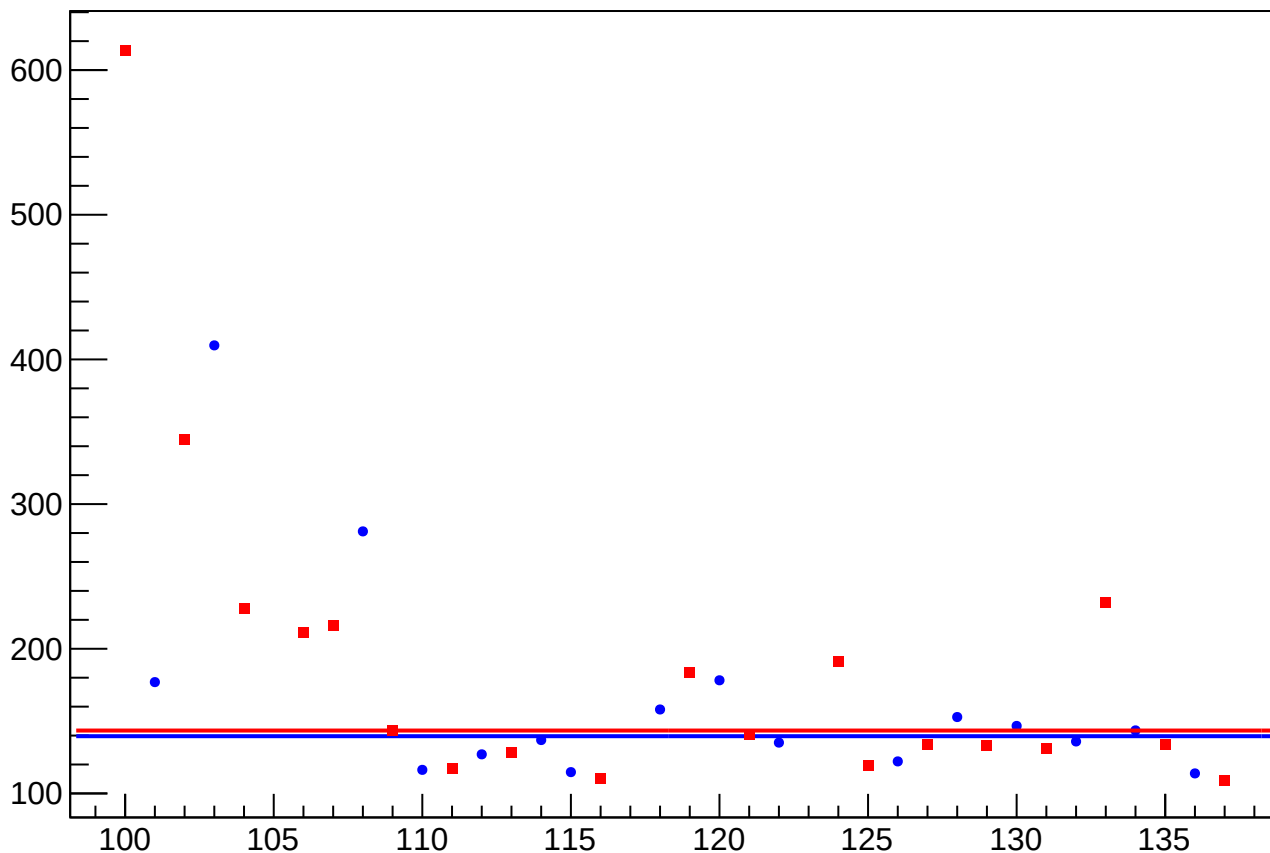
Right: 20.080+/-39.237 χ^2/NDF : 42.6/34

In: 33.471+/-54.908 χ^2/NDF : 25.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.080+/-39.237 χ^2/NDF : 42.6/34

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 139.566+/-0.039 χ^2/NDF : 976734.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.479+/-0.040 χ^2/NDF : 1116671.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

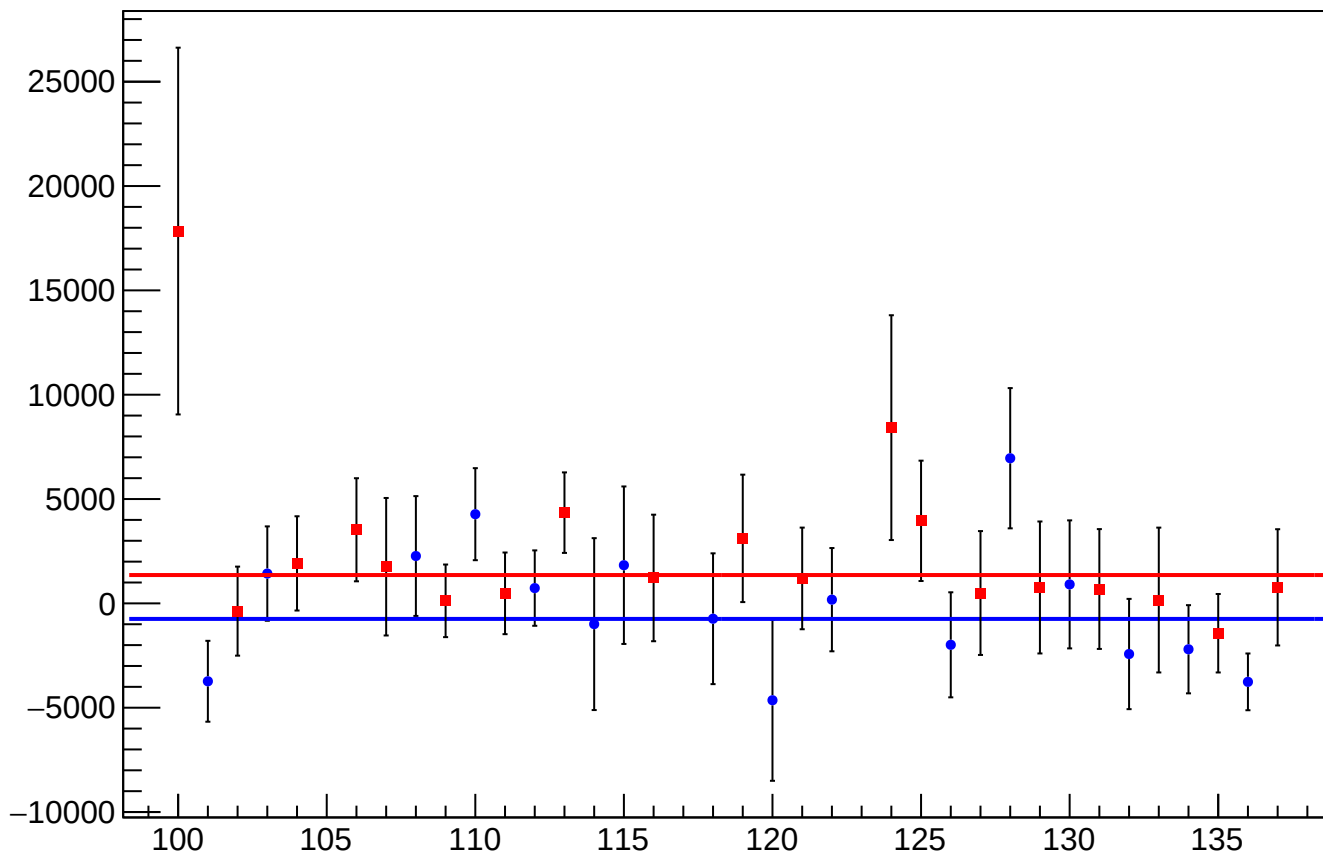
Right: 141.481+/-0.028 χ^2/NDF : 2098376.6/34

In: 139.566+/-0.039 χ^2/NDF : 976734.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.481+/-0.028 χ^2/NDF : 2098376.6/34

asym_sam3_dit_correction_mean vs Slug, Sign Corrected



Right In: -744.681+/-595.810 χ^2/NDF : 23.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.874+/-585.808 χ^2/NDF : 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

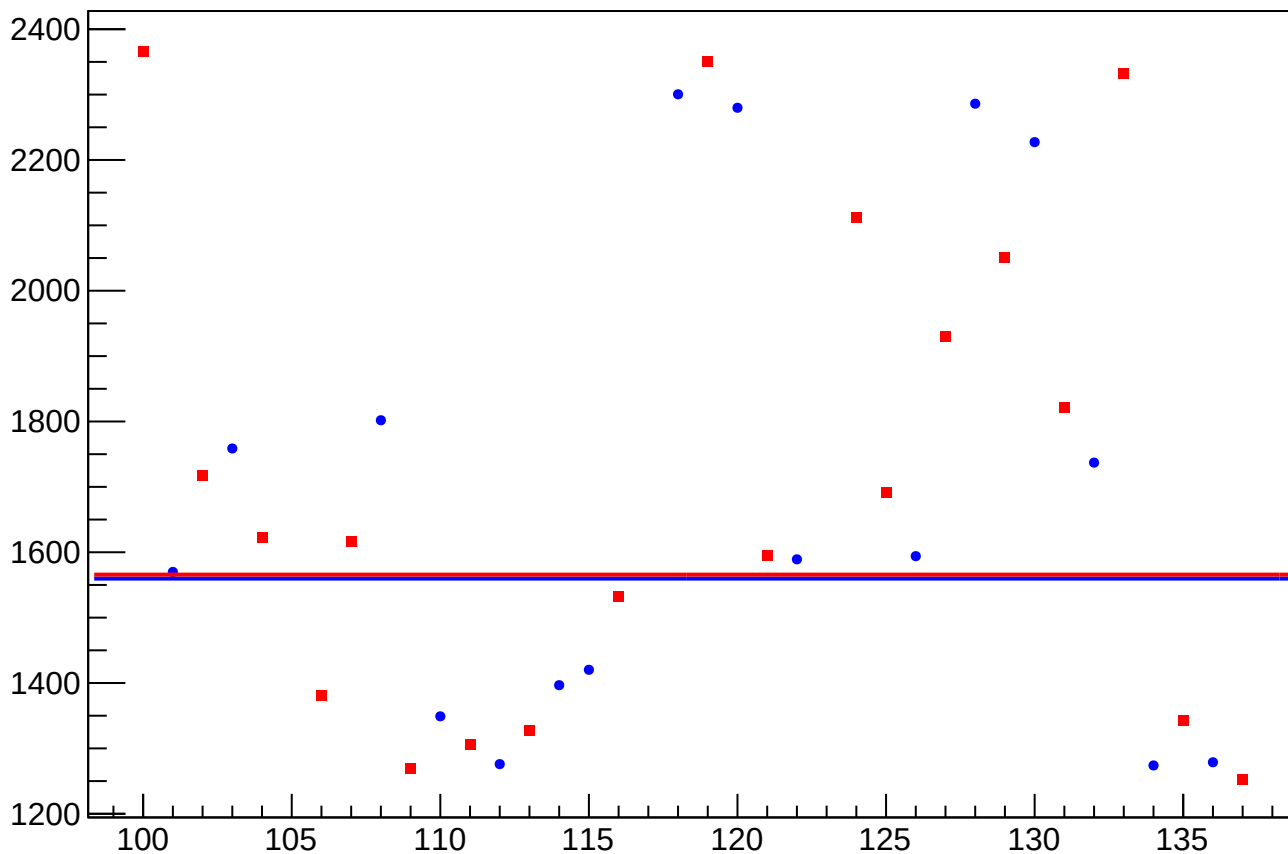
Right: 324.392+/-417.720 χ^2/NDF : 43.3/34

In: -744.681+/-595.810 χ^2/NDF : 23.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.392+/-417.720 χ^2/NDF : 43.3/34

asym_sam3_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.735+/-0.421 χ^2/NDF : 604209.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1565.808+/-0.414 χ^2/NDF : 563847.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

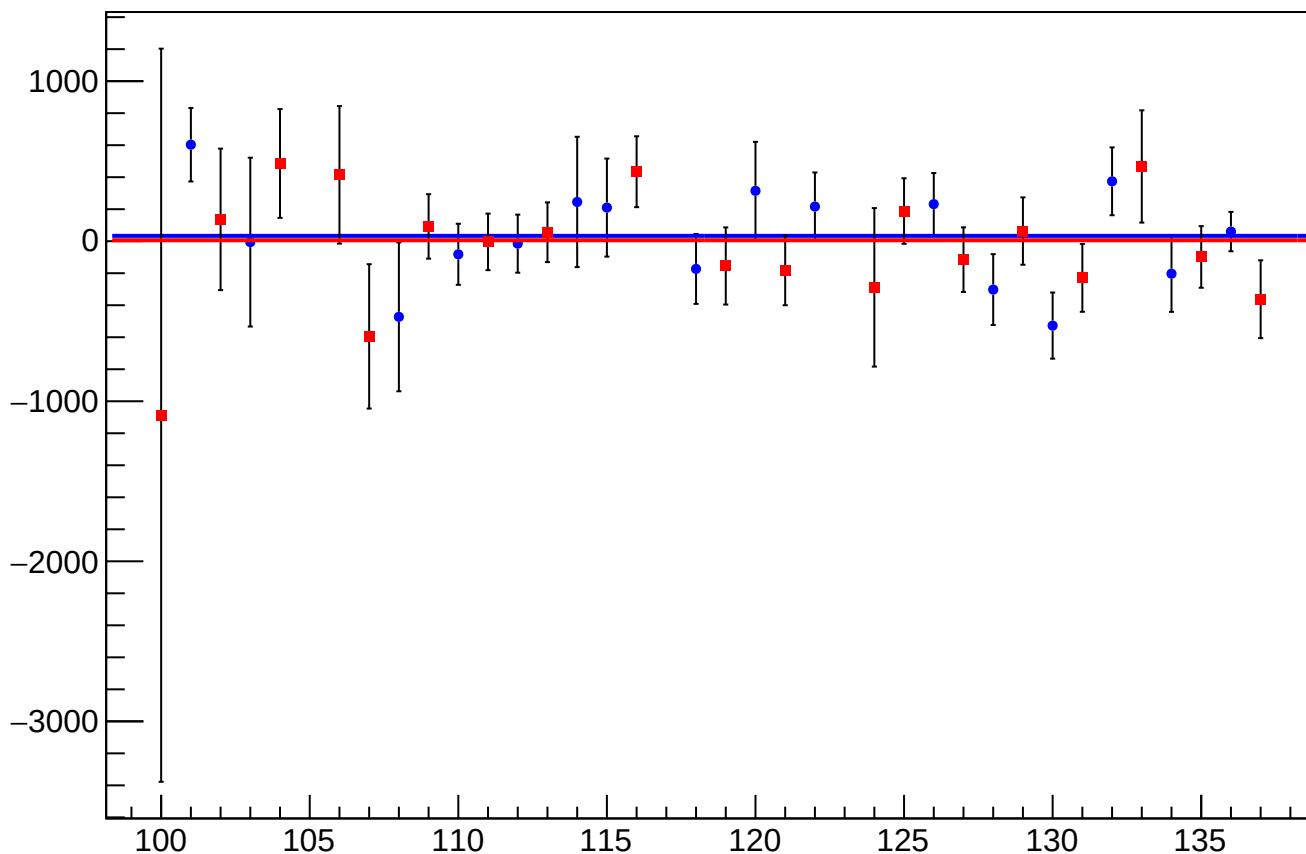
Right: 1562.823+/-0.295 χ^2/NDF : 1168163.0/34

In: 1559.735+/-0.421 χ^2/NDF : 604209.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1562.823+/-0.295 χ^2/NDF : 1168163.0/34

eigen_dit_asym_sam3_mean vs Slug, Sign Corrected



Right In: 33.469+/-54.908 χ^2/NDF : 25.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.103+/-56.090 χ^2/NDF : 17.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

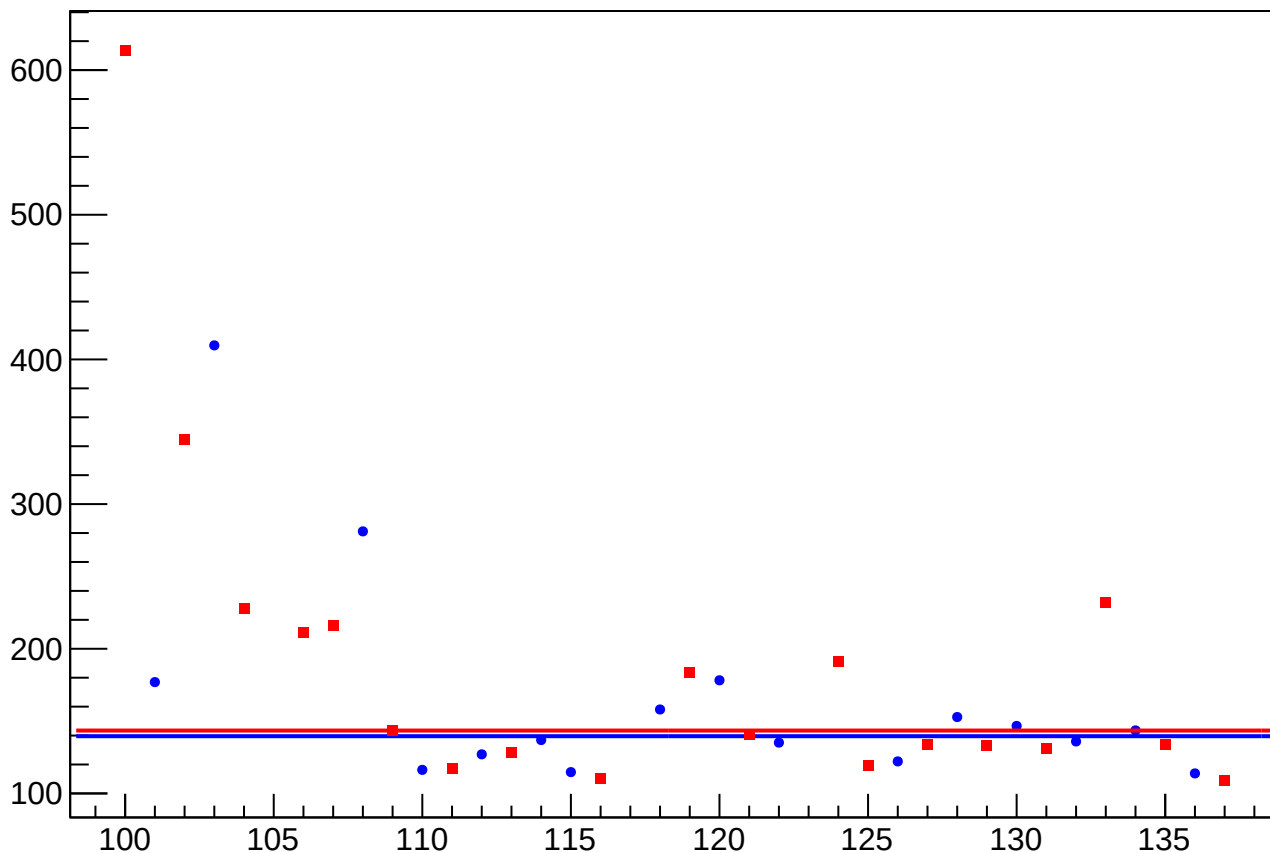
Right: 20.078+/-39.237 χ^2/NDF : 42.6/34

In: 33.469+/-54.908 χ^2/NDF : 25.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.078+/-39.237 χ^2/NDF : 42.6/34

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 139.567+/-0.039 χ^2/NDF : 976737.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.480+/-0.040 χ^2/NDF : 1116678.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

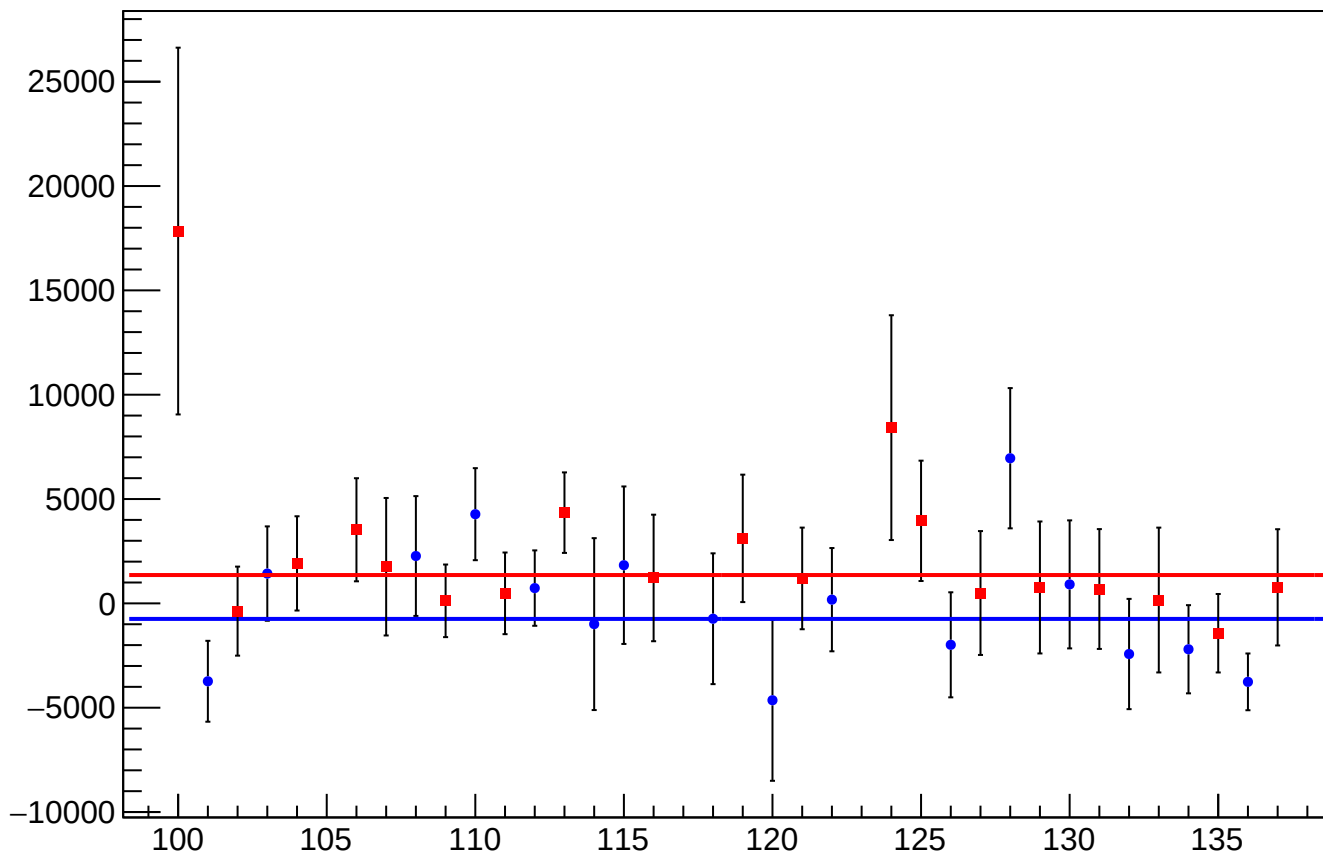
Right: 141.482+/-0.028 χ^2/NDF : 2098386.0/34

In: 139.567+/-0.039 χ^2/NDF : 976737.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 141.482+/-0.028 χ^2/NDF : 2098386.0/34

asym_sam3_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -744.678+/-595.809 χ^2/NDF : 23.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1357.874+/-585.807 χ^2/NDF : 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

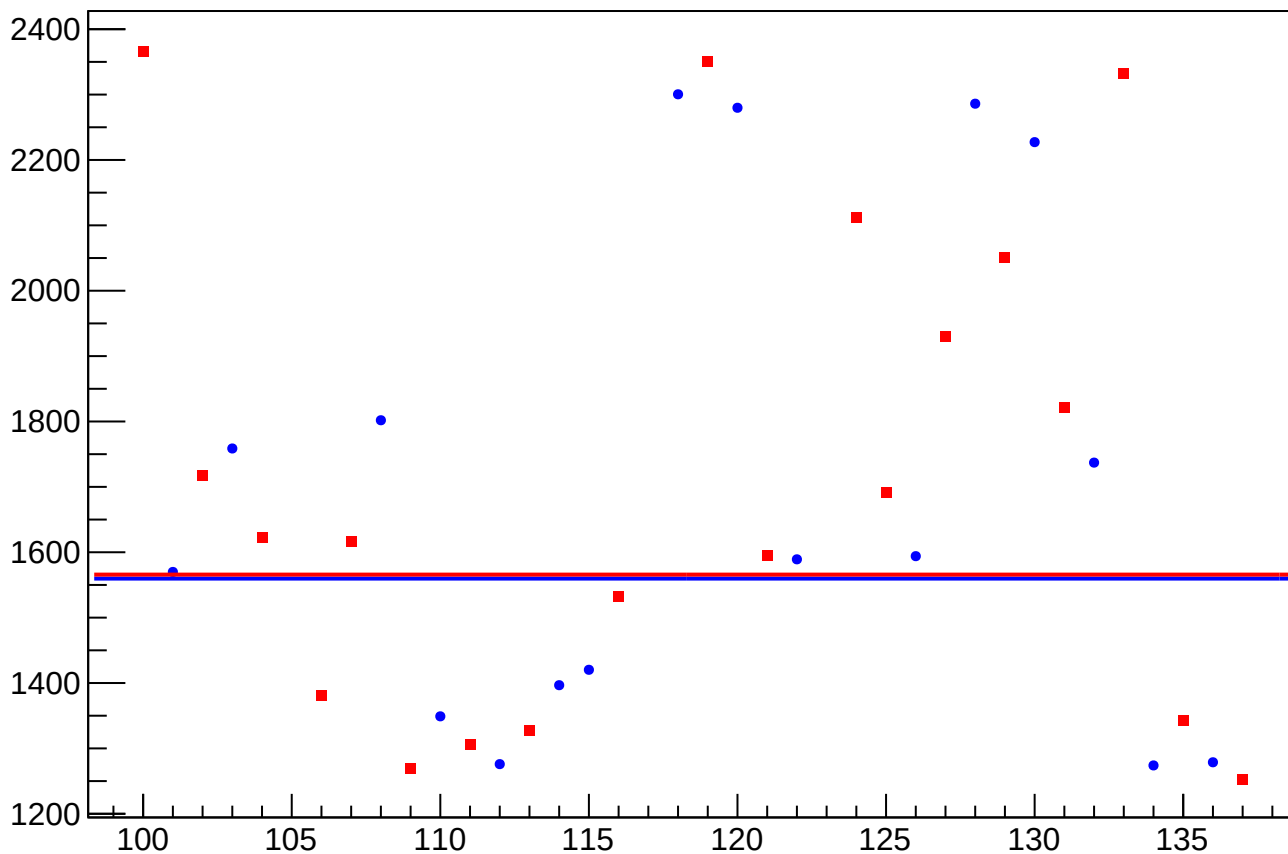
Right: 324.394+/-417.720 χ^2/NDF : 43.3/34

In: -744.678+/-595.809 χ^2/NDF : 23.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.394+/-417.720 χ^2/NDF : 43.3/34

asym_sam3_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1559.734+/-0.421 χ^2/NDF : 604209.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1565.806+/-0.414 χ^2/NDF : 563845.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

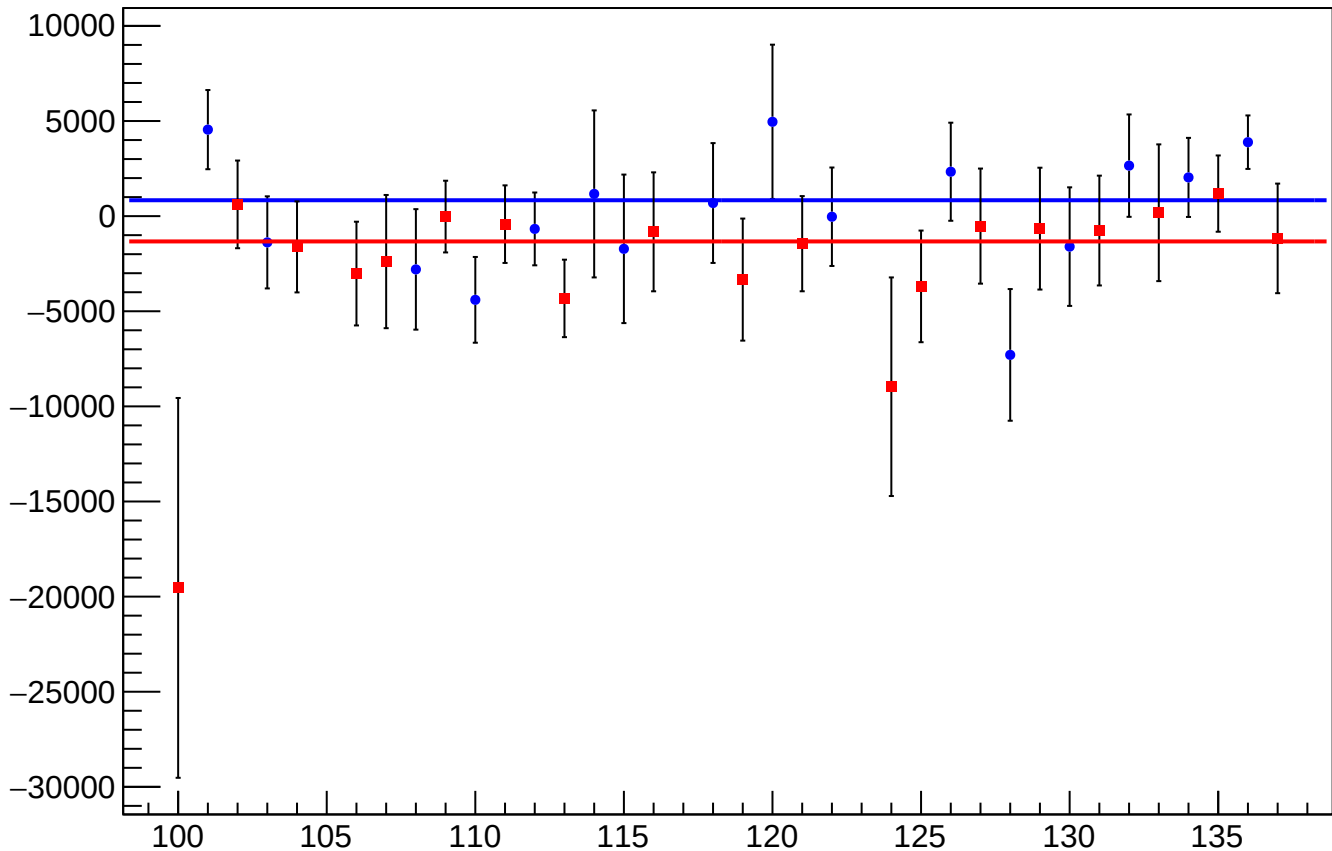
Right: 1562.821+/-0.295 χ^2/NDF : 1168161.1/34

In: 1559.734+/-0.421 χ^2/NDF :604209.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1562.821+/-0.295 χ^2/NDF : 1168161.1/34

asym_sam3_mean vs Slug, Sign Corrected



Right In: 835.496+/-618.780 χ^2/NDF : 24.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1329.538+/-616.428 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

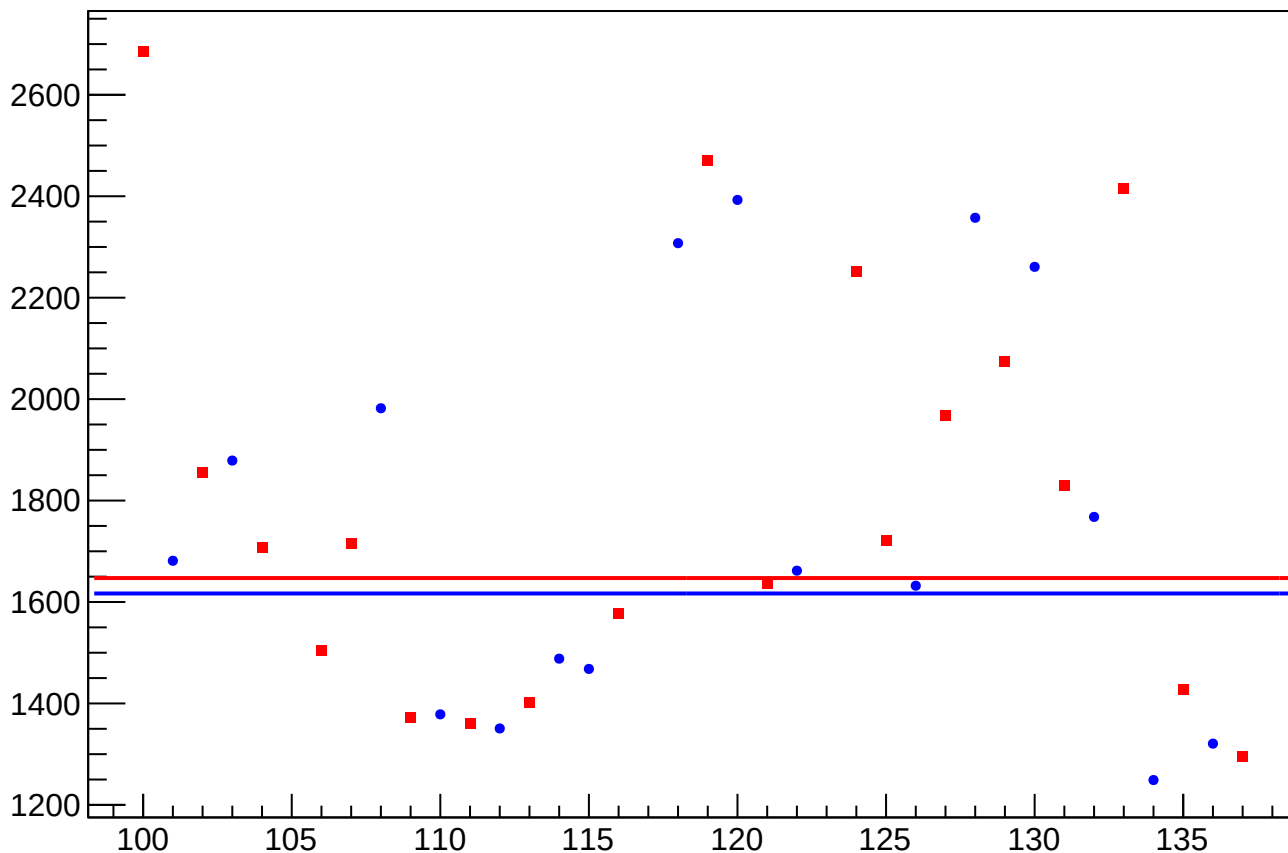
Right: -251.145+/-436.710 χ^2/NDF : 43.2/34

In: 835.496+/-618.780 χ^2/NDF : 24.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.145+/-436.710 χ^2/NDF : 43.2/34

asym_sam3_rms vs Slug, Sign Corrected



Right In: 1616.804+/-0.438 χ^2/NDF : 622271.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1647.227+/-0.436 χ^2/NDF : 523860.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

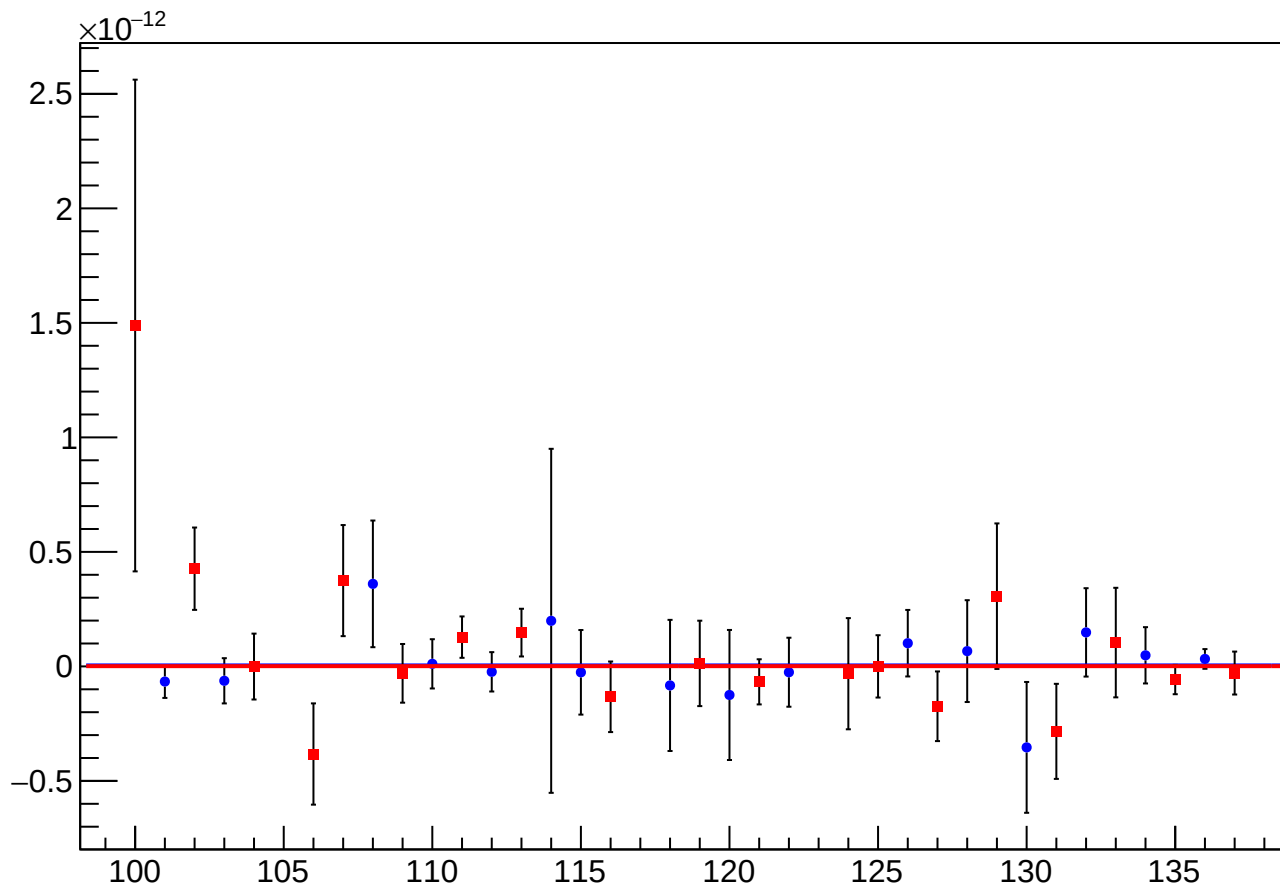
Right: 1632.074+/-0.309 χ^2/NDF : 1148558.3/34

In: 1616.804+/-0.438 χ^2/NDF : 622271.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.074+/-0.309 χ^2/NDF : 1148558.3/34

asym_sam3_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

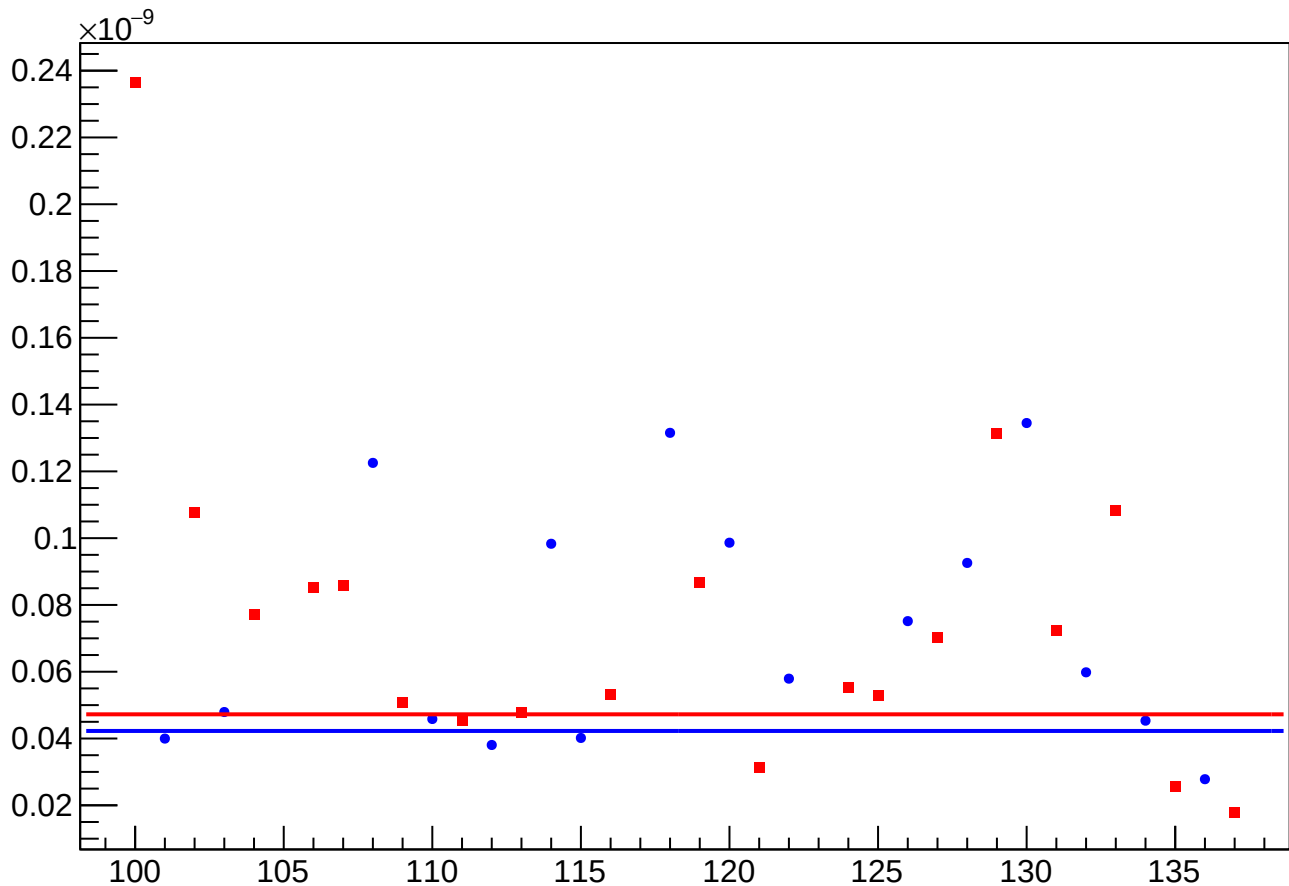
Right: 0.000+/-0.000 χ^2/NDF : 30.3/34

In: 0.000+/-0.000 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.3/34

asym_sam3_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1147920.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1410595.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

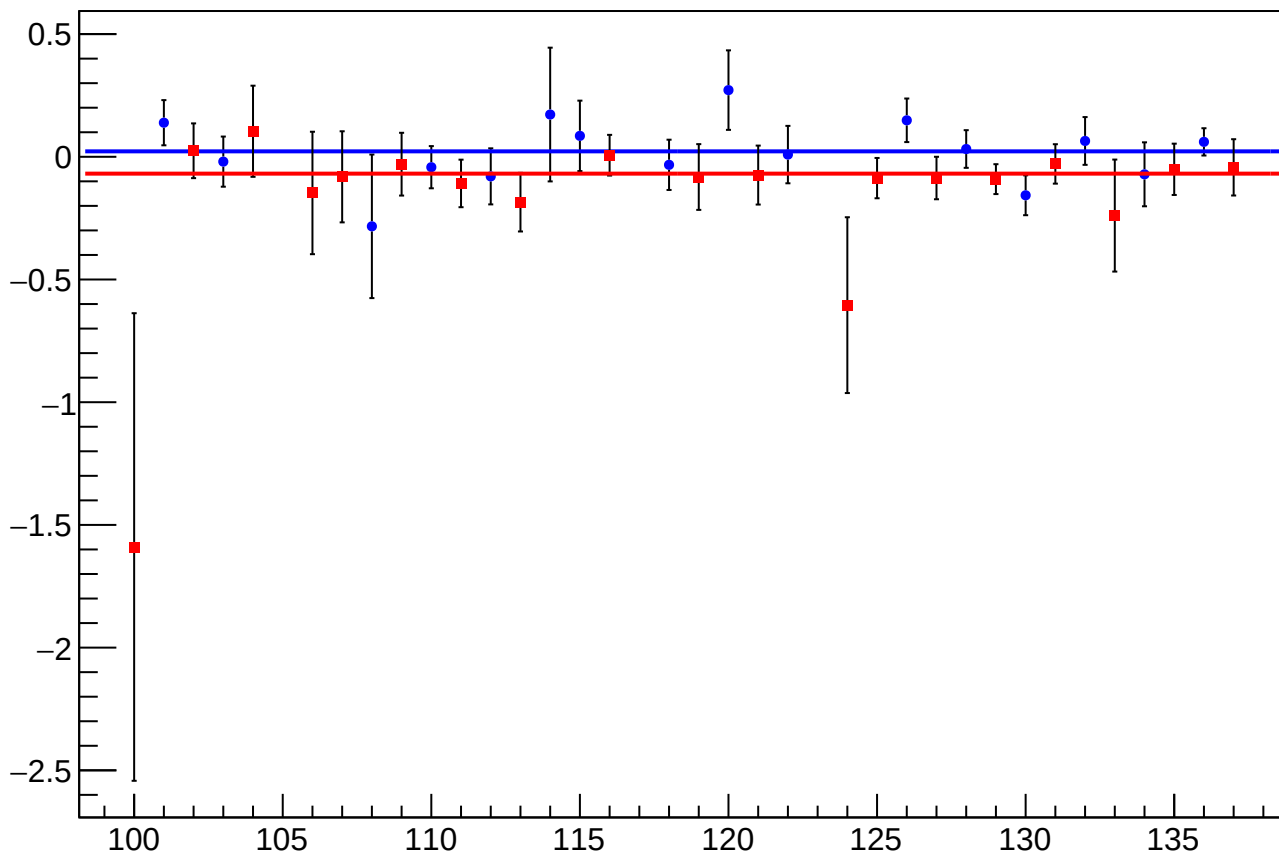
Right: 0.000+/-0.000 χ^2/NDF : 2588419.0/34

In: 0.000+/-0.000 χ^2/NDF : 1147920.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2588419.0/34

asym_sam3_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.025 χ^2 /NDF: 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.025 χ^2 /NDF: 9.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

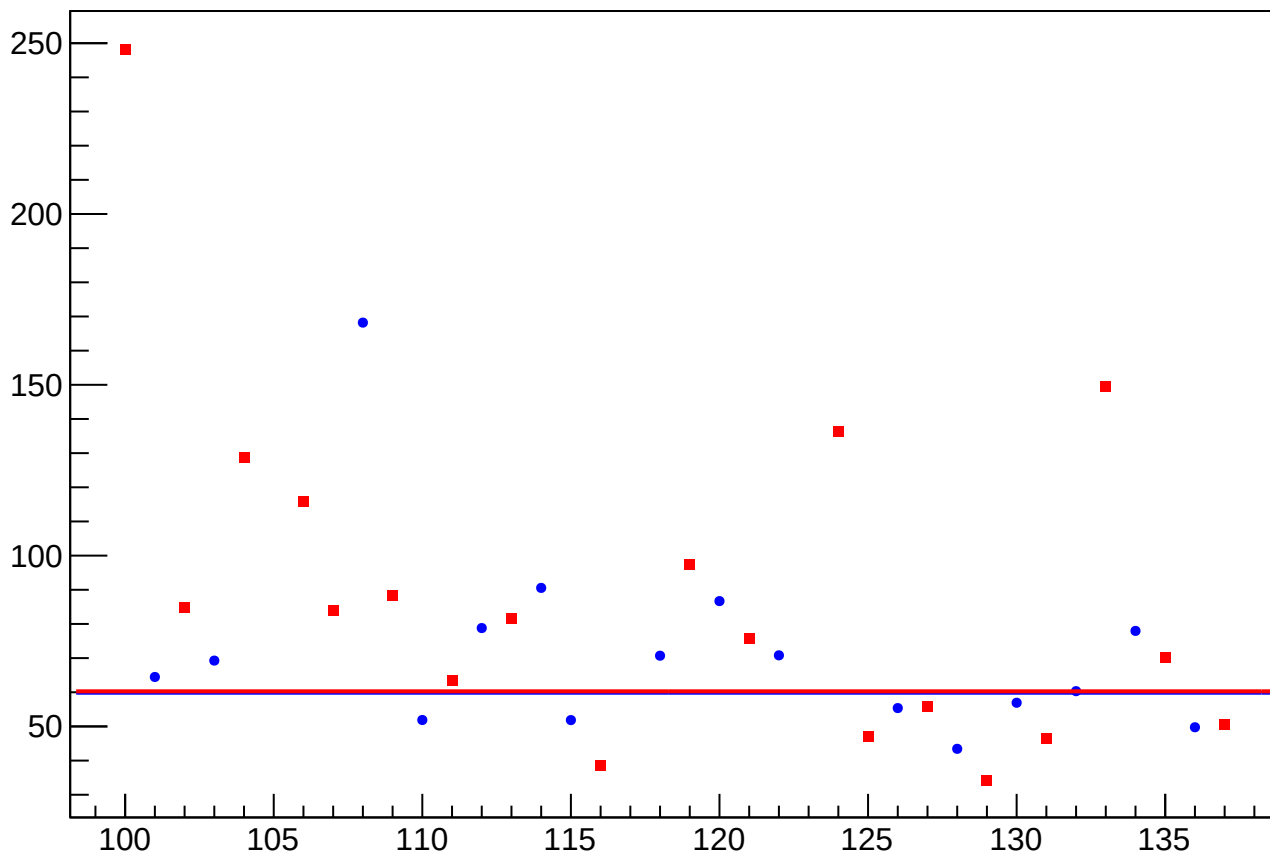
Right: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/34

In: 0.022 $\pm$ 0.025 χ^2 /NDF:15.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/34

asym_sam3_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.867 $\pm$ 0.017 χ^2 /NDF: 698954.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.278 $\pm$ 0.018 χ^2 /NDF: 1977220.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

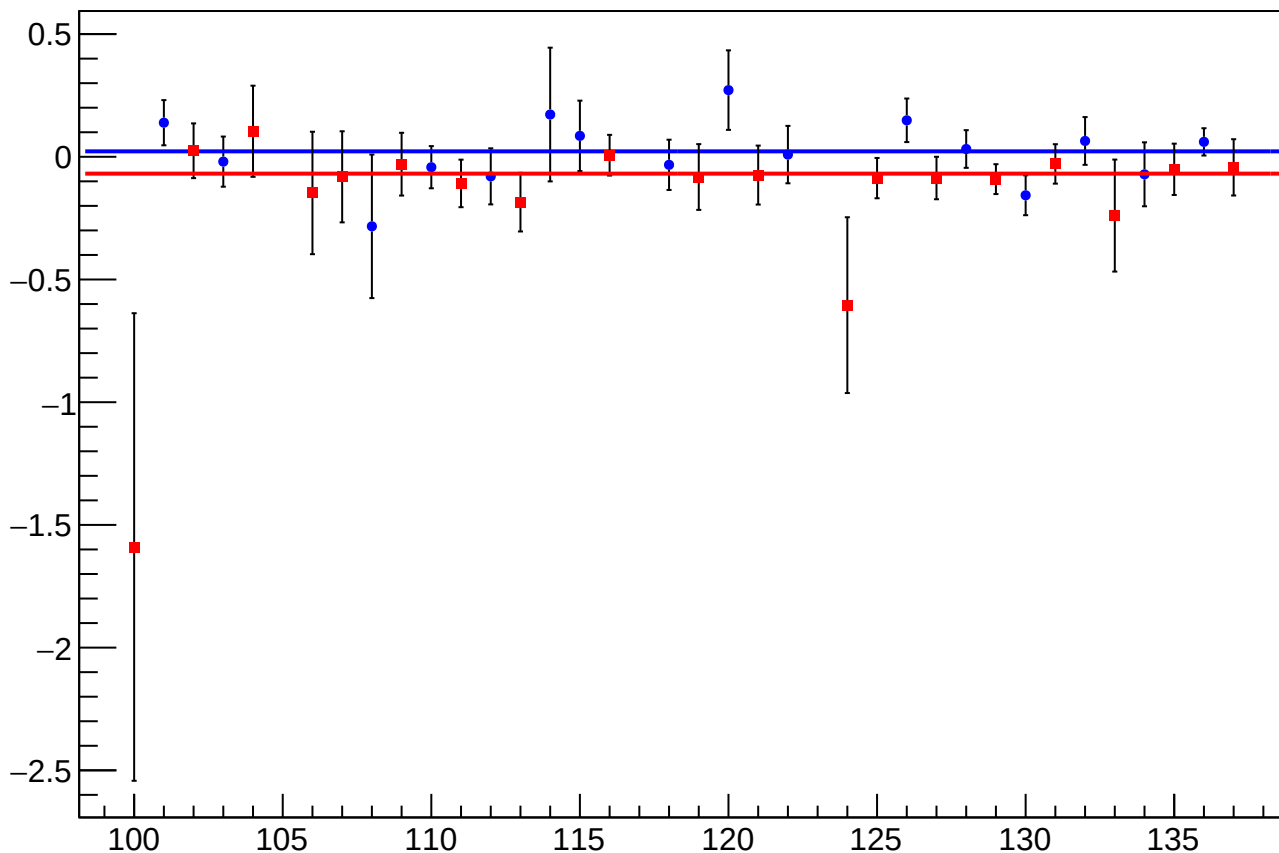
Right: 60.068 $\pm$ 0.012 χ^2 /NDF: 2676445.3/34

In: 59.867 $\pm$ 0.017 χ^2 /NDF:698954.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.068 $\pm$ 0.012 χ^2 /NDF: 2676445.3/34

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.025 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.025 χ^2/NDF : 9.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

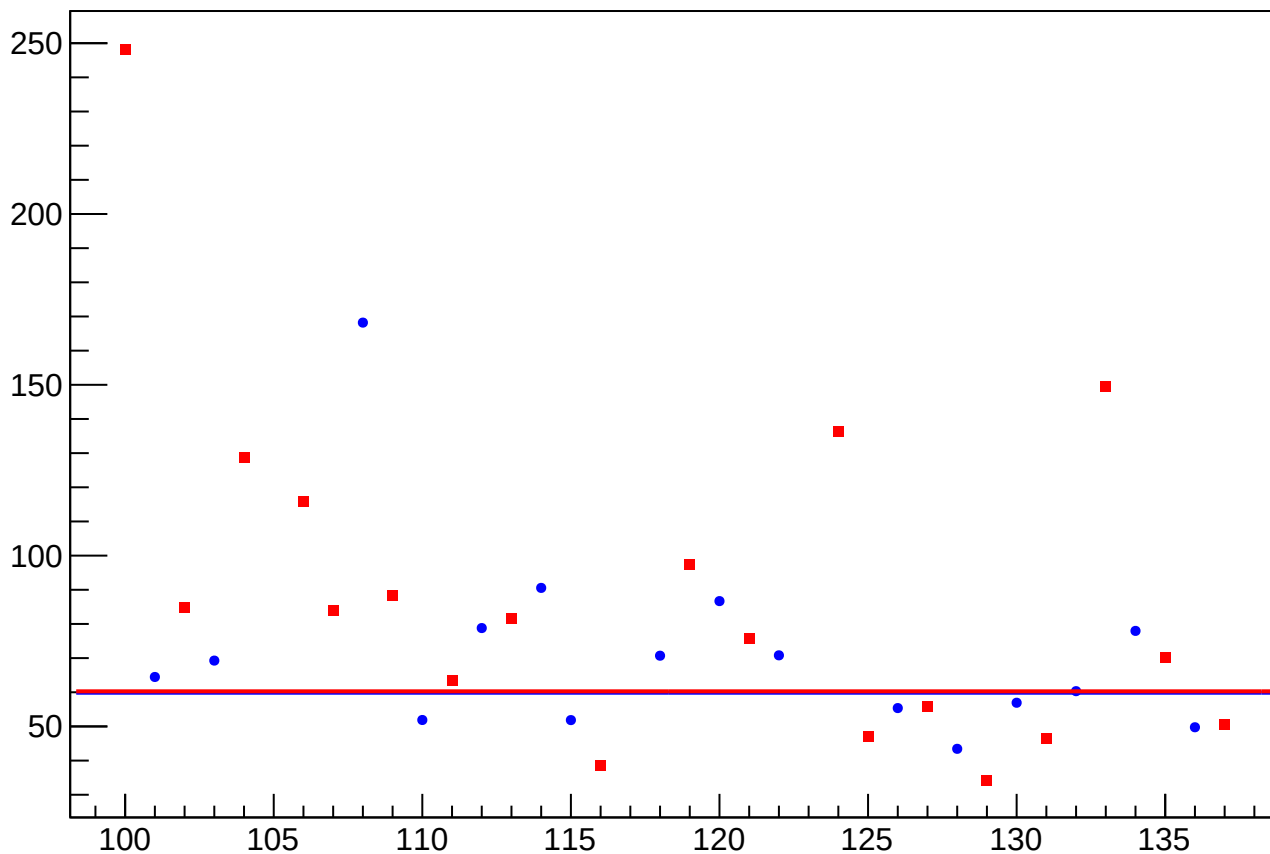
Right: -0.022+/-0.018 χ^2/NDF : 31.7/34

In: 0.022+/-0.025 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.018 χ^2/NDF : 31.7/34

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.867 $\pm$ 0.017 χ^2 /NDF: 698954.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.278 $\pm$ 0.018 χ^2 /NDF: 1977220.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

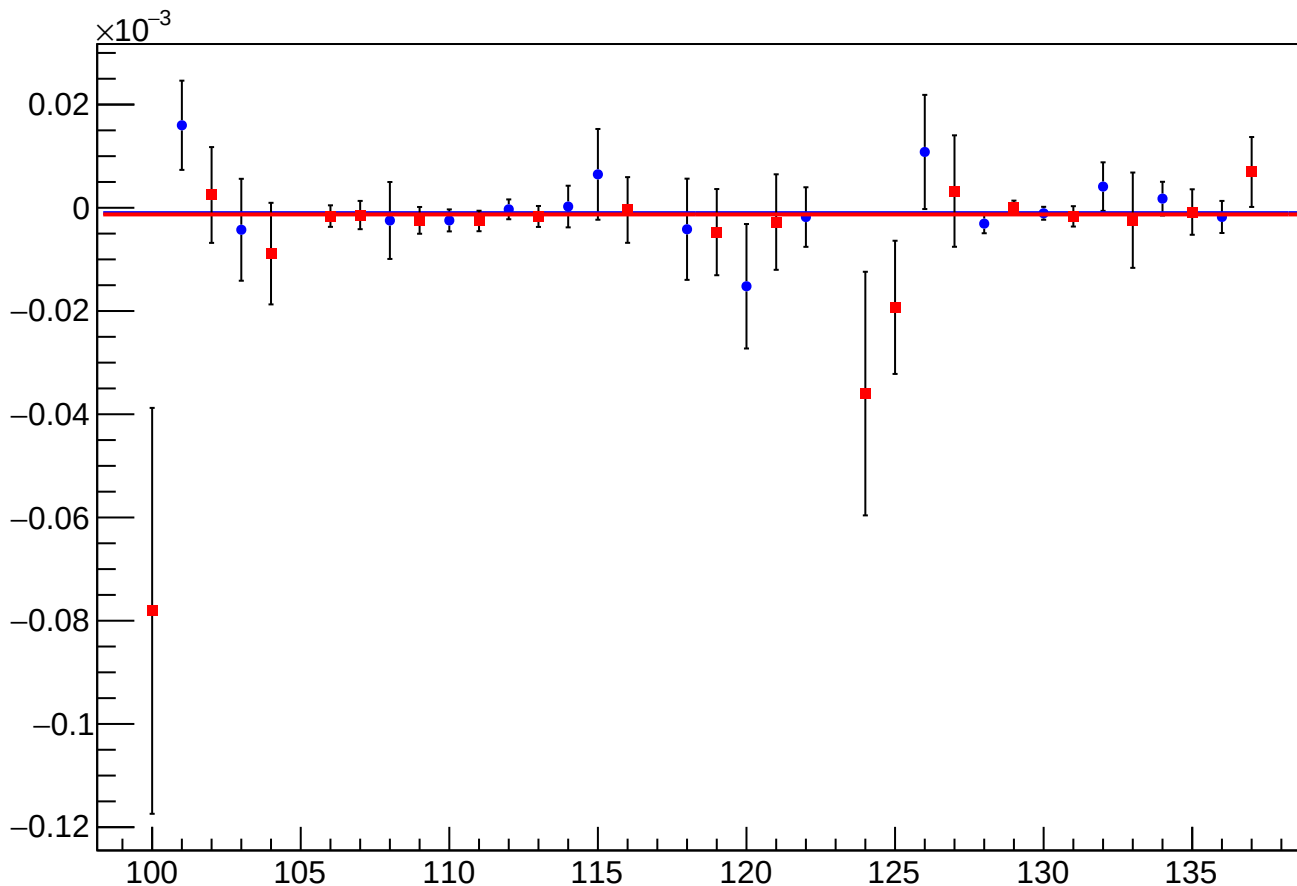
Right: 60.068 $\pm$ 0.012 χ^2 /NDF: 2676445.3/34

In: 59.867 $\pm$ 0.017 χ^2 /NDF:698954.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 60.068 $\pm$ 0.012 χ^2 /NDF: 2676445.3/34

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 11.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

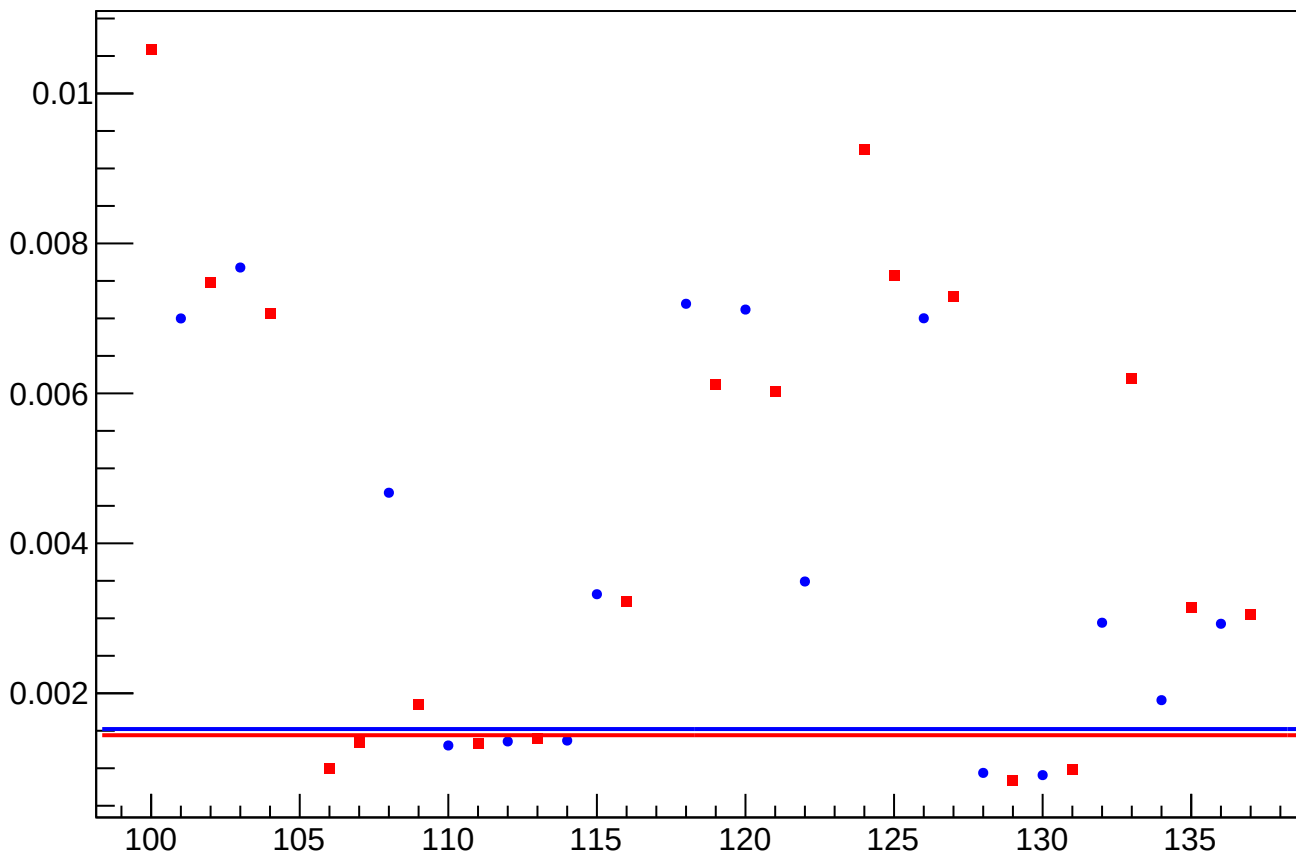
Right: -0.000+/-0.000 χ^2 /NDF: 23.8/34

In: -0.000+/-0.000 χ^2 /NDF:11.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 23.8/34

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 5182869.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5789411.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

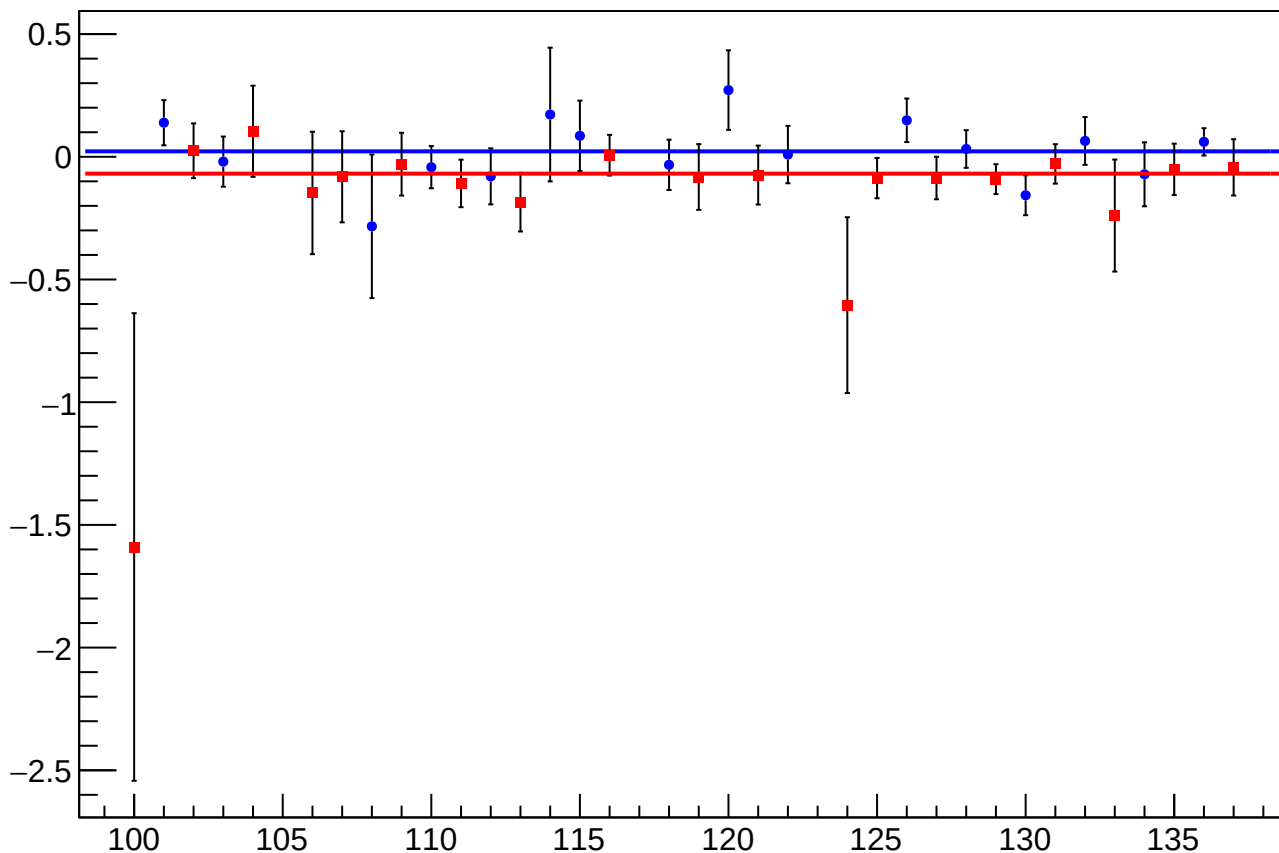
Right: 0.001+/-0.000 χ^2/NDF : 10985380.1/34

In: 0.002+/-0.000 χ^2/NDF :5182869.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10985380.1/34

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022 $\pm$ 0.025 χ^2 /NDF: 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.069 $\pm$ 0.025 χ^2 /NDF: 9.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

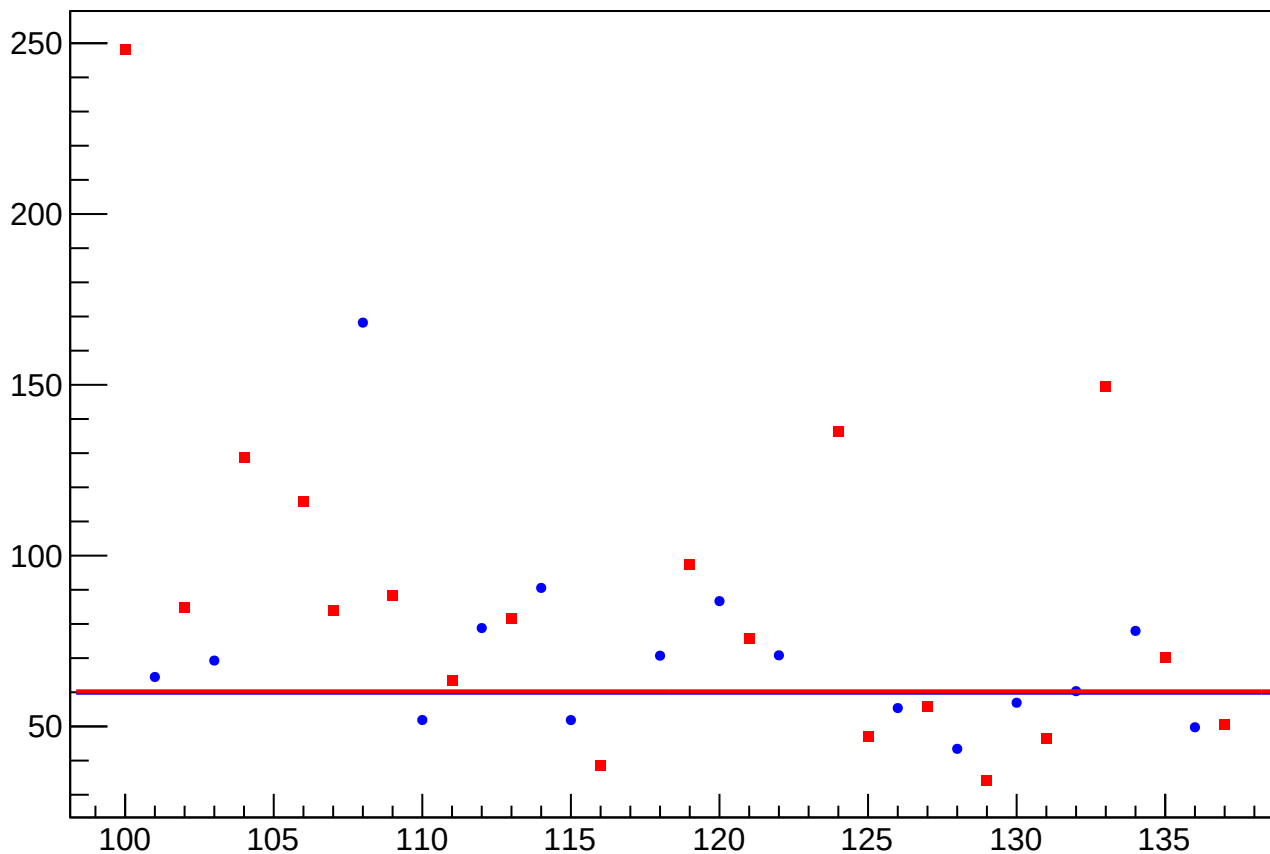
Right: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/34

In: 0.022 $\pm$ 0.025 χ^2 /NDF:15.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/34

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.278+/-0.018 χ^2/NDF : 1977294.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

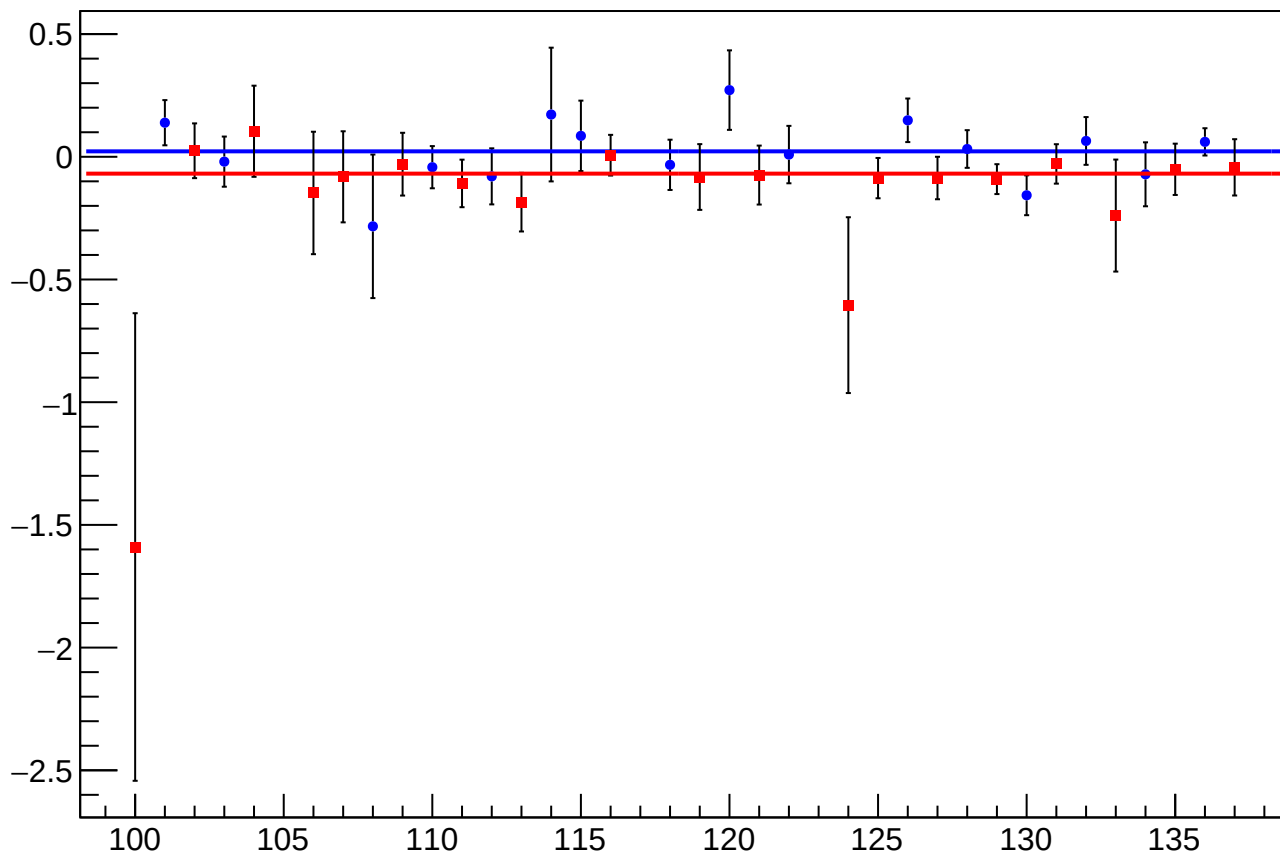
Right: 60.068+/-0.012 χ^2/NDF : 2676572.8/34

In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.068+/-0.012 χ^2/NDF : 2676572.8/34

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.025 χ^2/NDF : 15.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.069+/-0.025 χ^2/NDF : 9.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

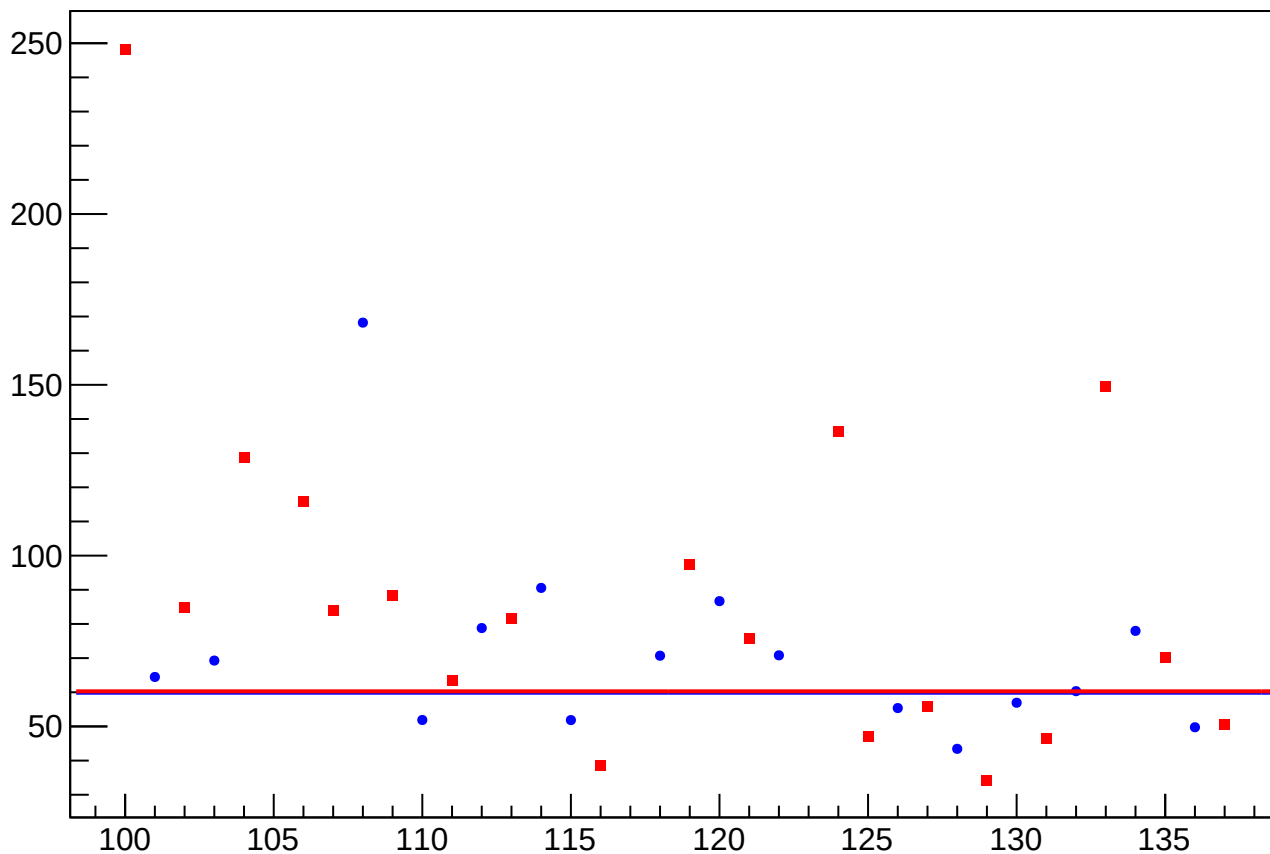
Right: -0.022+/-0.018 χ^2/NDF : 31.7/34

In: 0.022+/-0.025 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.022+/-0.018 χ^2/NDF : 31.7/34

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.278+/-0.018 χ^2/NDF : 1977294.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

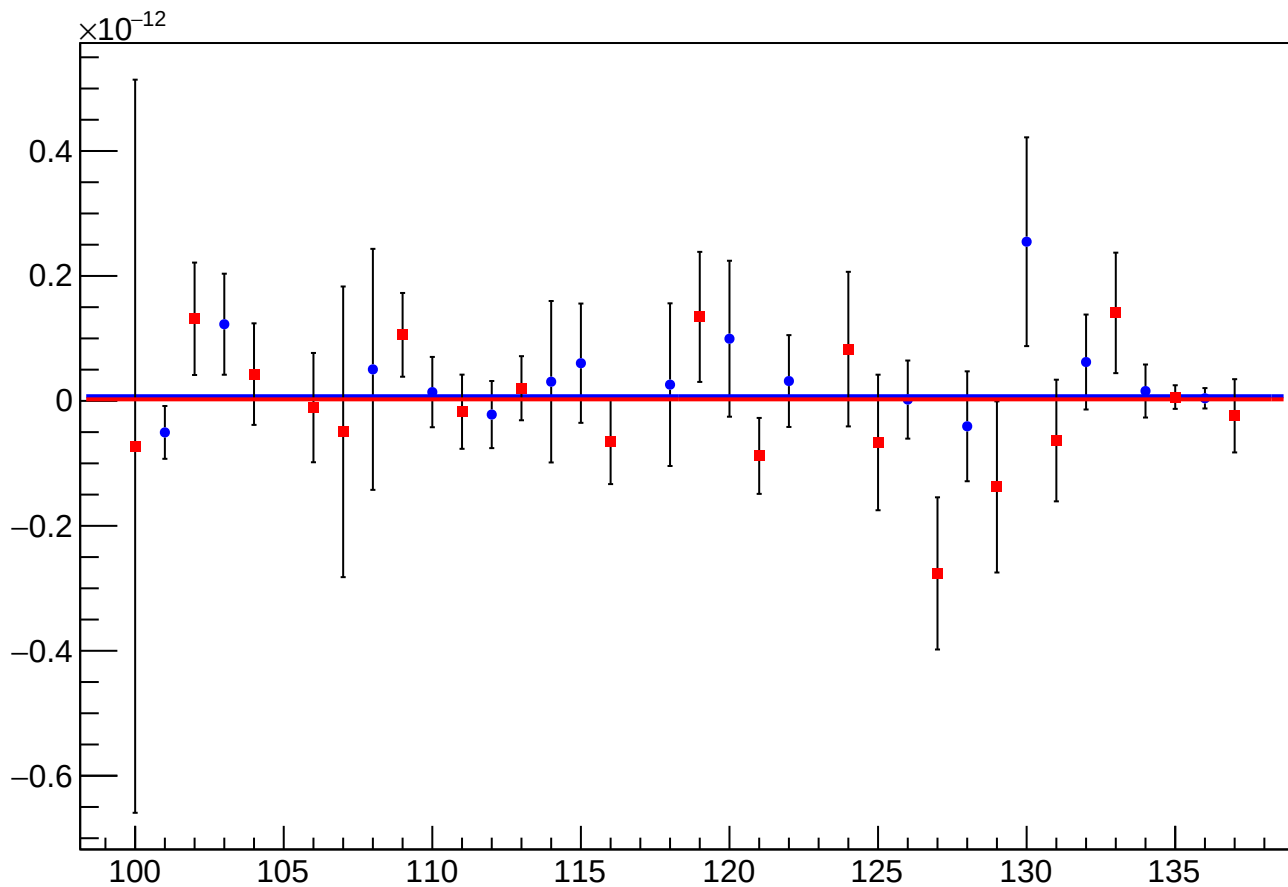
Right: 60.068+/-0.012 χ^2/NDF : 2676572.8/34

In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.068+/-0.012 χ^2/NDF : 2676572.8/34

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

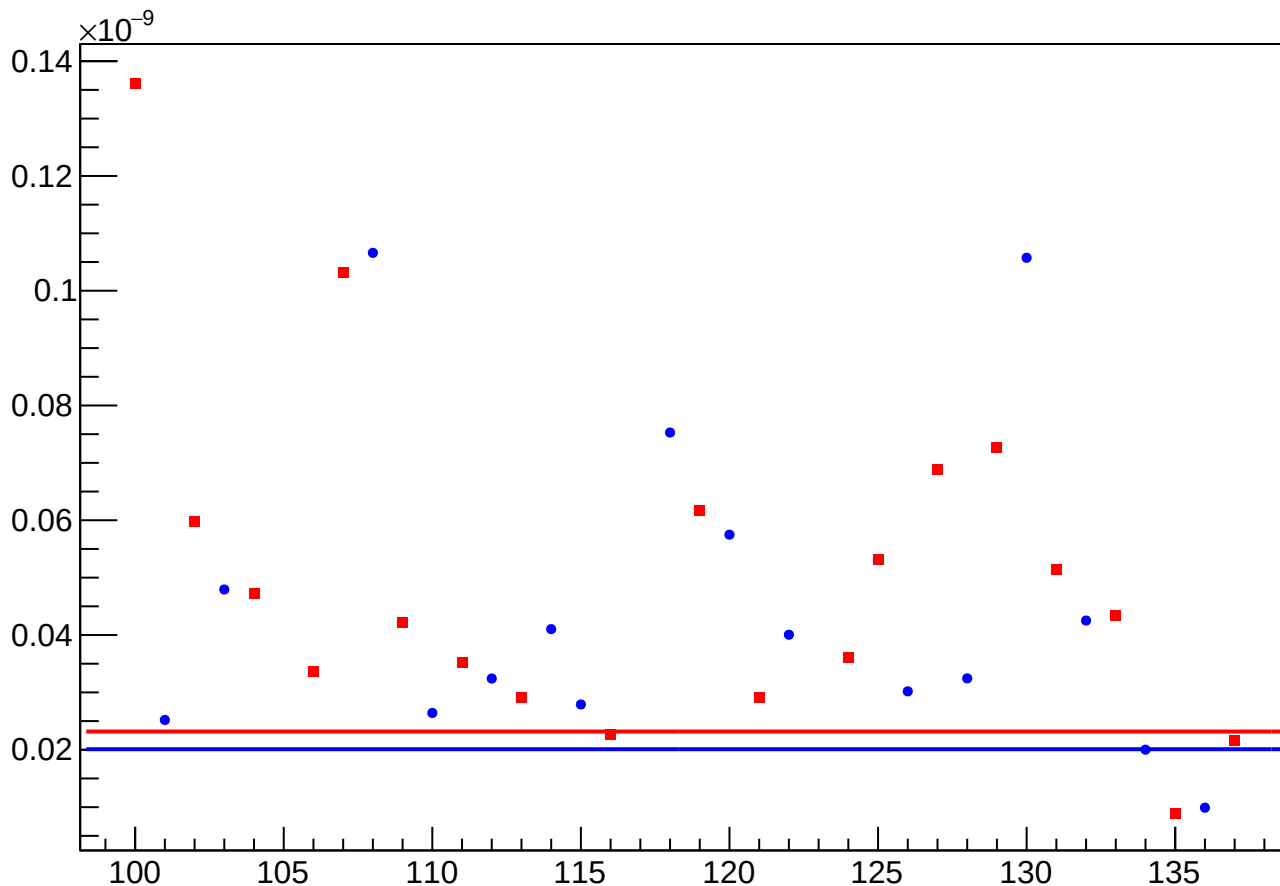
Right: 0.000+/-0.000 χ^2/NDF : 28.1/34

In: 0.000+/-0.000 χ^2/NDF : 8.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.1/34

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3121422.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3530677.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

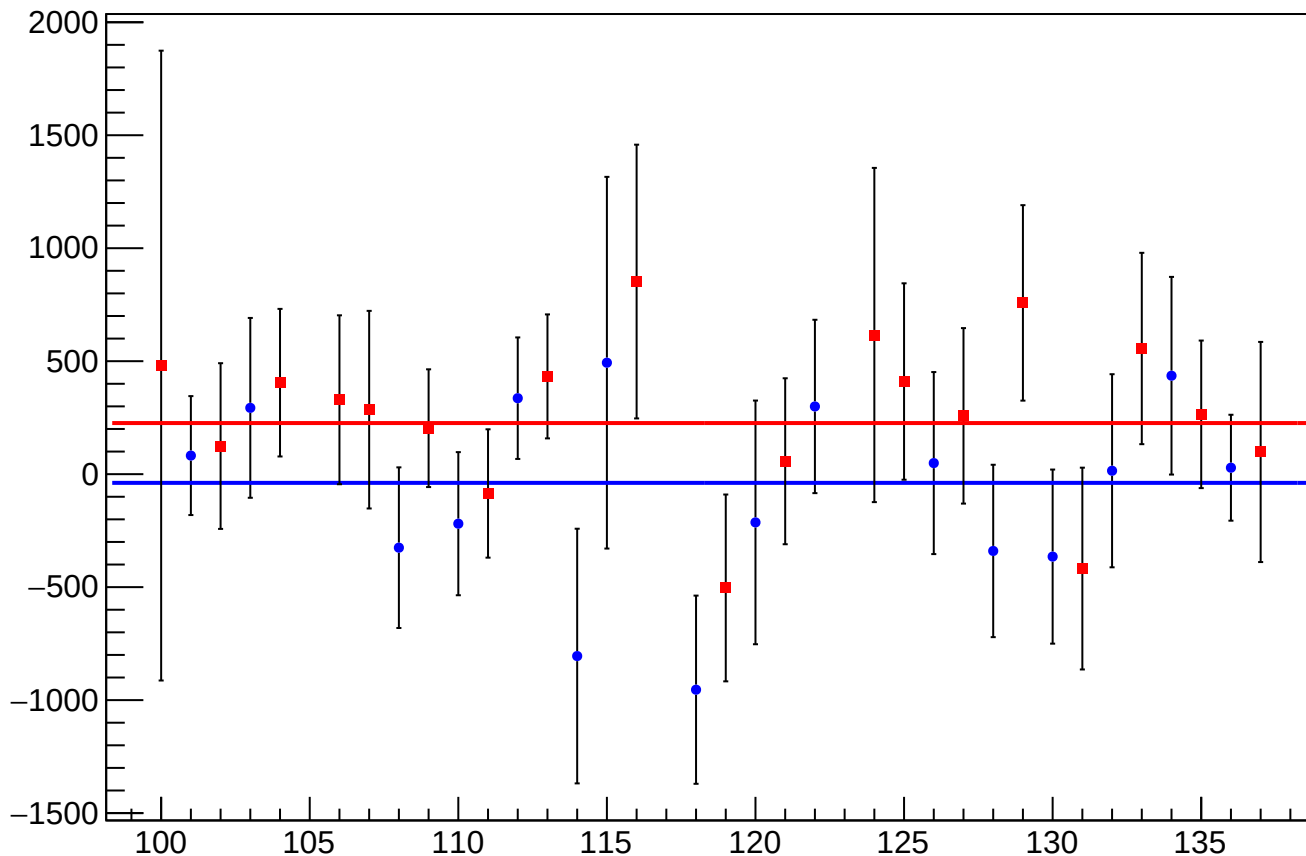
Right: 0.000+/-0.000 χ^2/NDF : 6709527.6/34

In: 0.000+/-0.000 χ^2/NDF : 3121422.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6709527.6/34

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -38.498 ± 90.619 $\chi^2/\text{NDF}: 14.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 226.168 ± 87.908 $\chi^2/\text{NDF}: 11.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

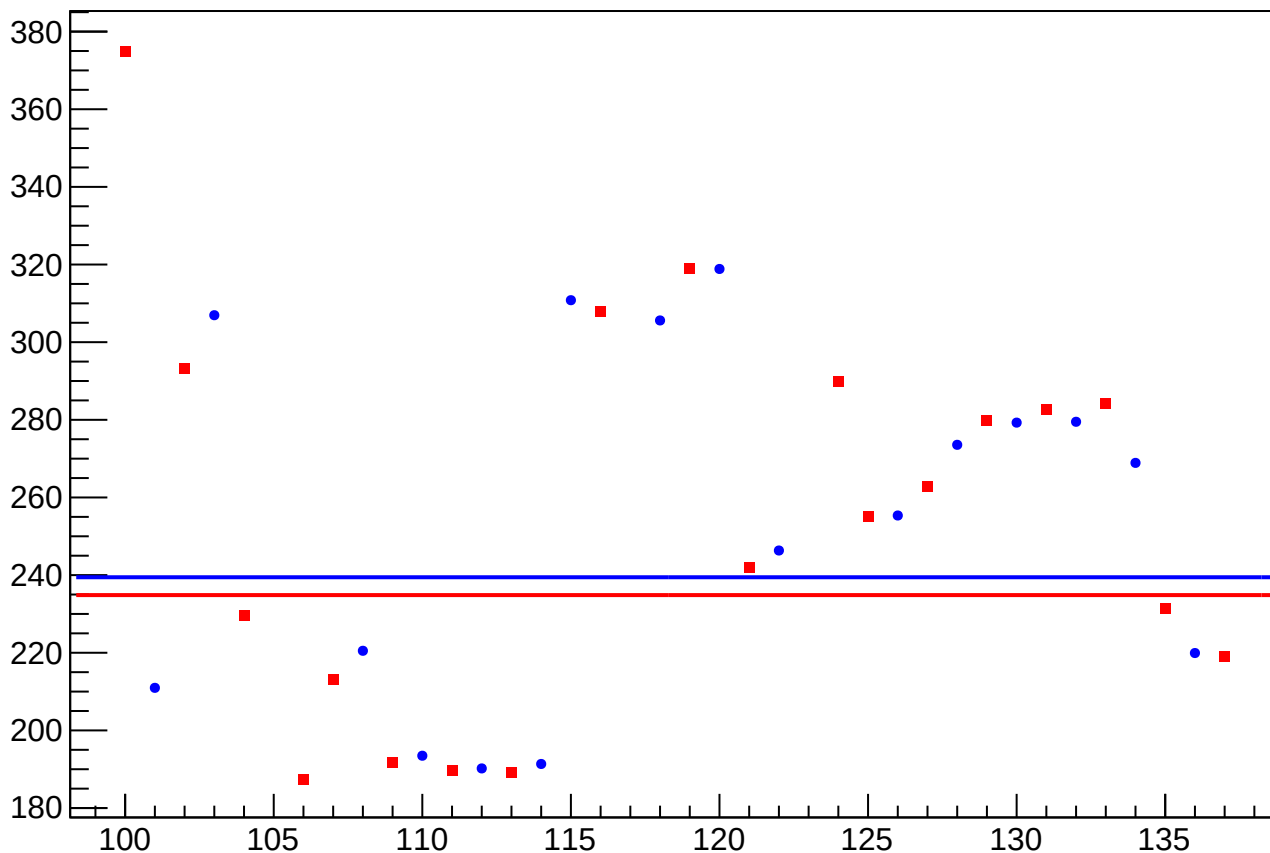
Right: 97.852 ± 63.097 $\chi^2/\text{NDF}: 30.3/34$

In: -38.498 ± 90.619 $\chi^2/\text{NDF}: 14.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 97.852 ± 63.097 $\chi^2/\text{NDF}: 30.3/34$

reg_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.449+/-0.064 χ^2/NDF : 400955.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.855+/-0.062 χ^2/NDF : 481715.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

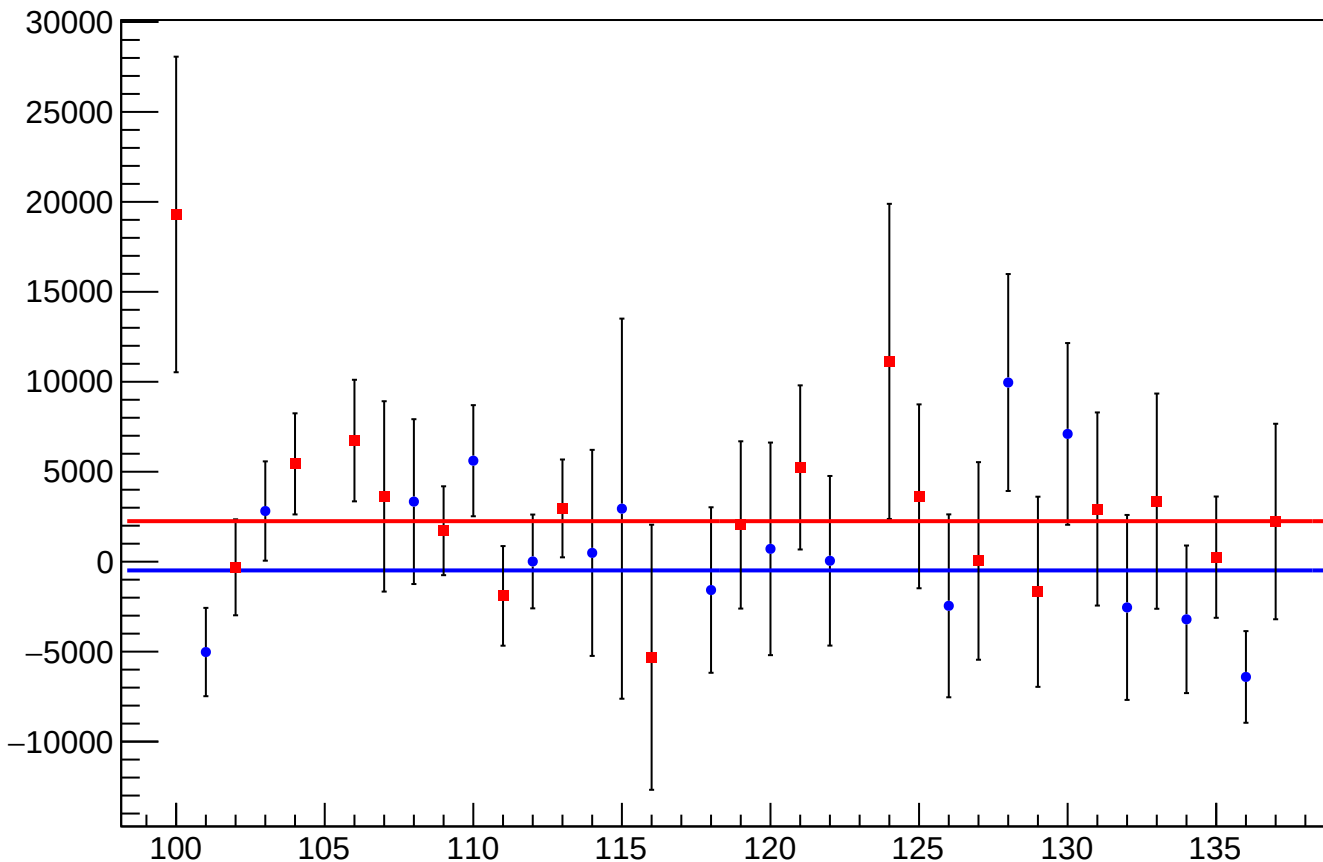
Right: 237.082+/-0.045 χ^2/NDF : 885319.7/34

In: 239.449+/-0.064 χ^2/NDF : 400955.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.082+/-0.045 χ^2/NDF : 885319.7/34

asym_sam4_reg_correction_mean vs Slug, Sign Corrected



Right In: -485.932+/-947.459 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2251.898+/-894.171 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

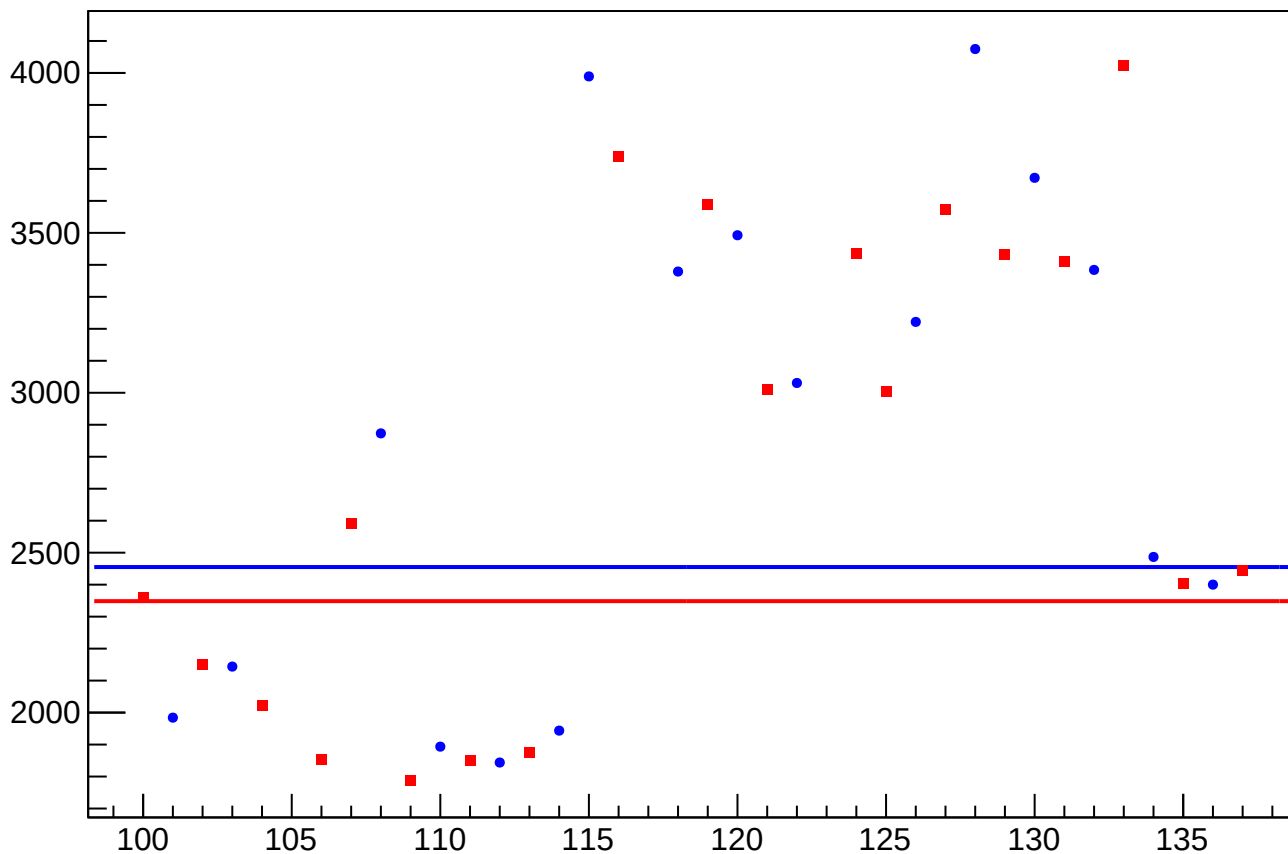
Right: 962.136+/-650.297 χ^2/NDF : 39.4/34

In: -485.932+/-947.459 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 962.136+/-650.297 χ^2/NDF : 39.4/34

asym_sam4_reg_correction_rms vs Slug, Sign Corrected



Right In: 2455.103+/-0.670 χ^2/NDF : 894389.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2348.446+/-0.632 χ^2/NDF : 1052421.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

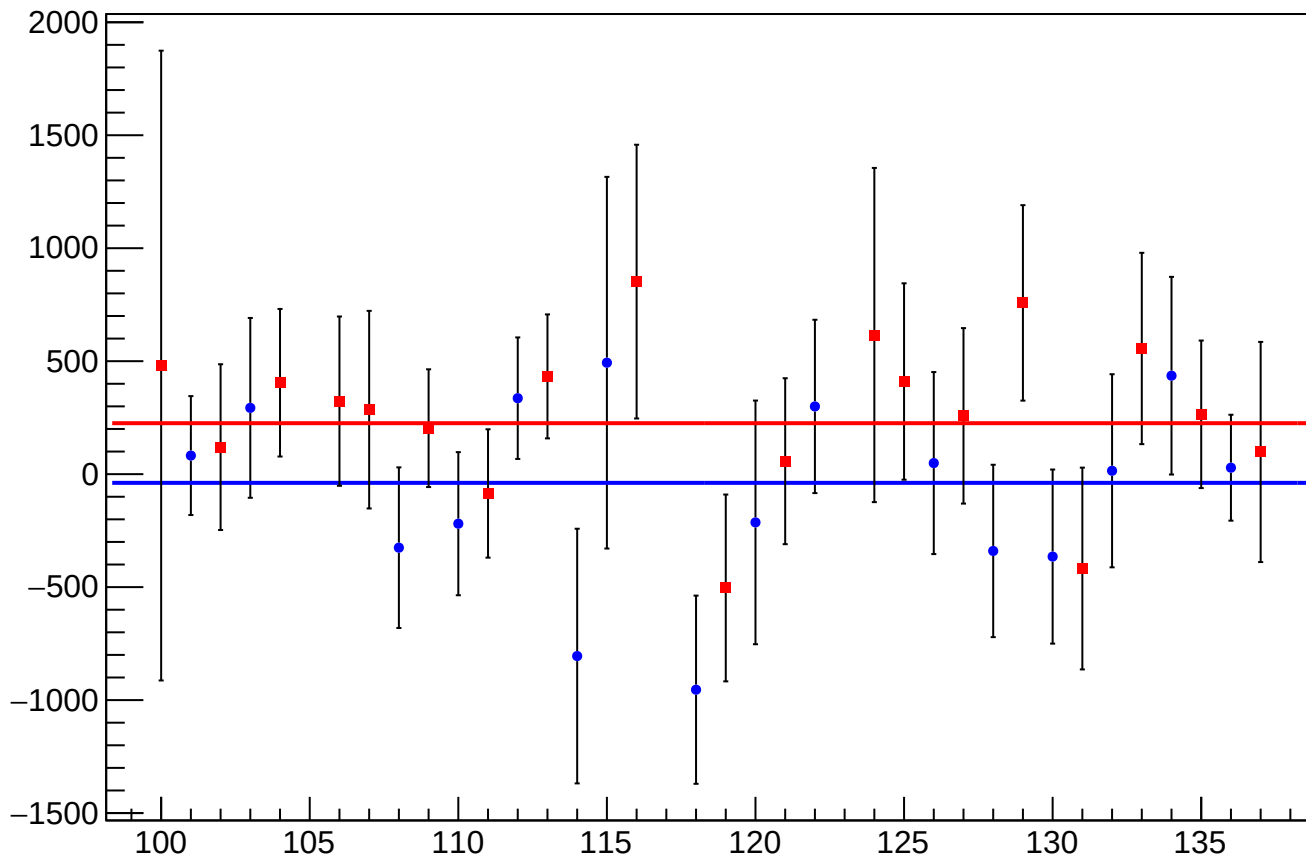
Right: 2398.691+/-0.460 χ^2/NDF : 1960216.3/34

In: 2455.103+/-0.670 χ^2/NDF : 894389.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2398.691+/-0.460 χ^2/NDF : 1960216.3/34

cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -38.519+/-90.619 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 225.515+/-87.922 χ^2/NDF : 11.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

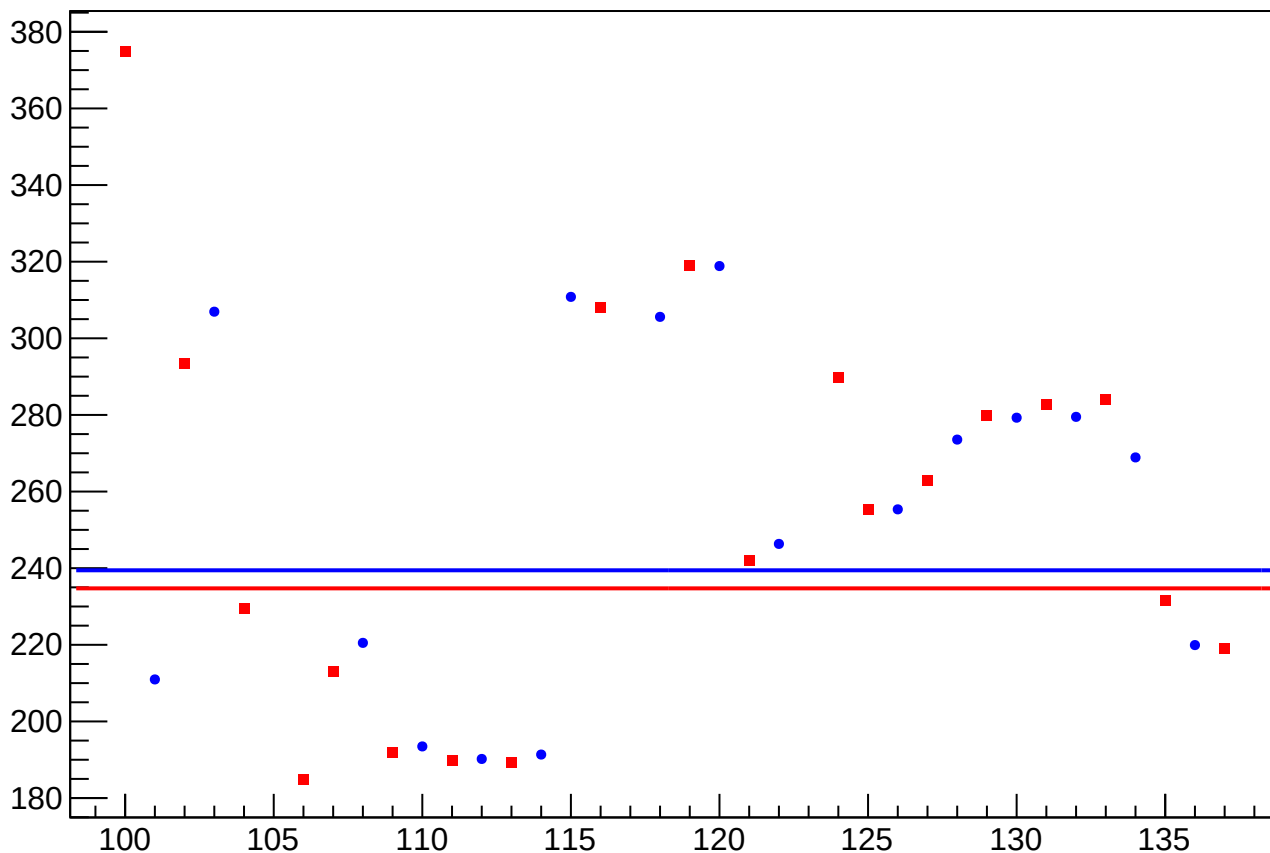
Right: 97.485+/-63.102 χ^2/NDF : 30.3/34

In: -38.519+/-90.619 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.485+/-63.102 χ^2/NDF : 30.3/34

cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.449+/-0.064 χ^2/NDF : 400958.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 234.733+/-0.062 χ^2/NDF : 485238.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

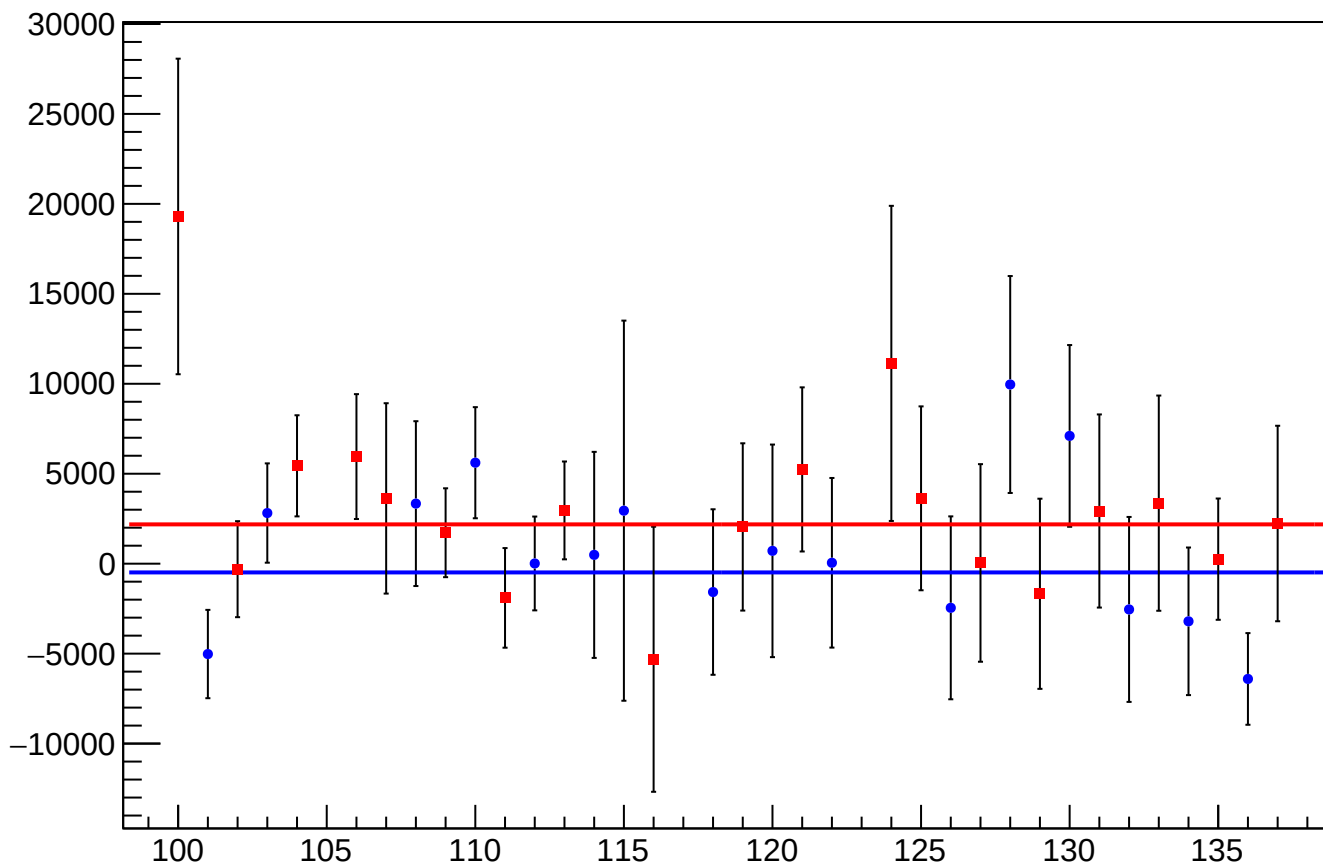
Right: 237.020+/-0.045 χ^2/NDF : 888987.0/34

In: 239.449+/-0.064 χ^2/NDF : 400958.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.020+/-0.045 χ^2/NDF : 888987.0/34

asym_sam4_cor_correction_mean vs Slug, Sign Corrected



Right In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.834+/-895.863 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

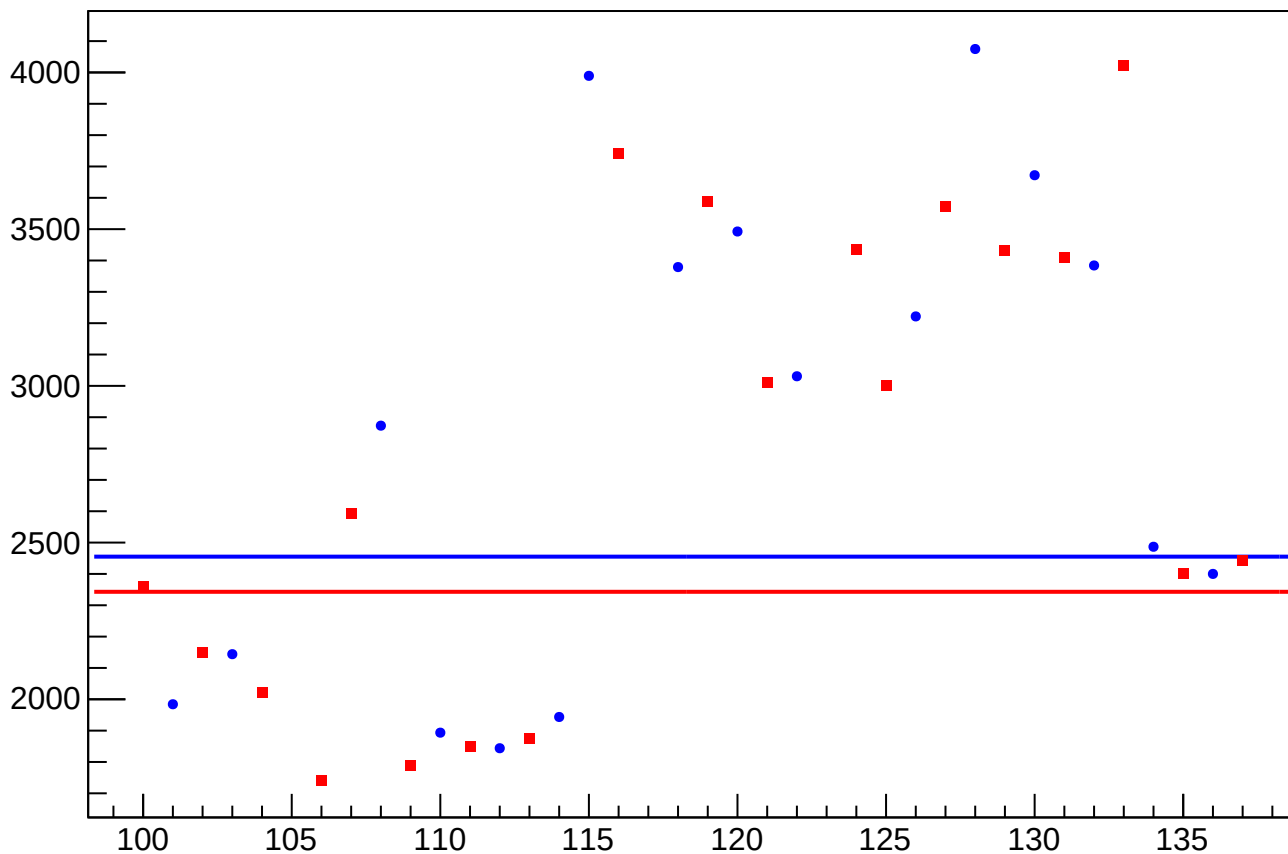
Right: 924.081+/-650.950 χ^2/NDF : 38.6/34

In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.081+/-650.950 χ^2/NDF : 38.6/34

asym_sam4_cor_correction_rms vs Slug, Sign Corrected



Right In: 2455.127+/-0.670 χ^2/NDF : 894358.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.955+/-0.633 χ^2/NDF : 1070387.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

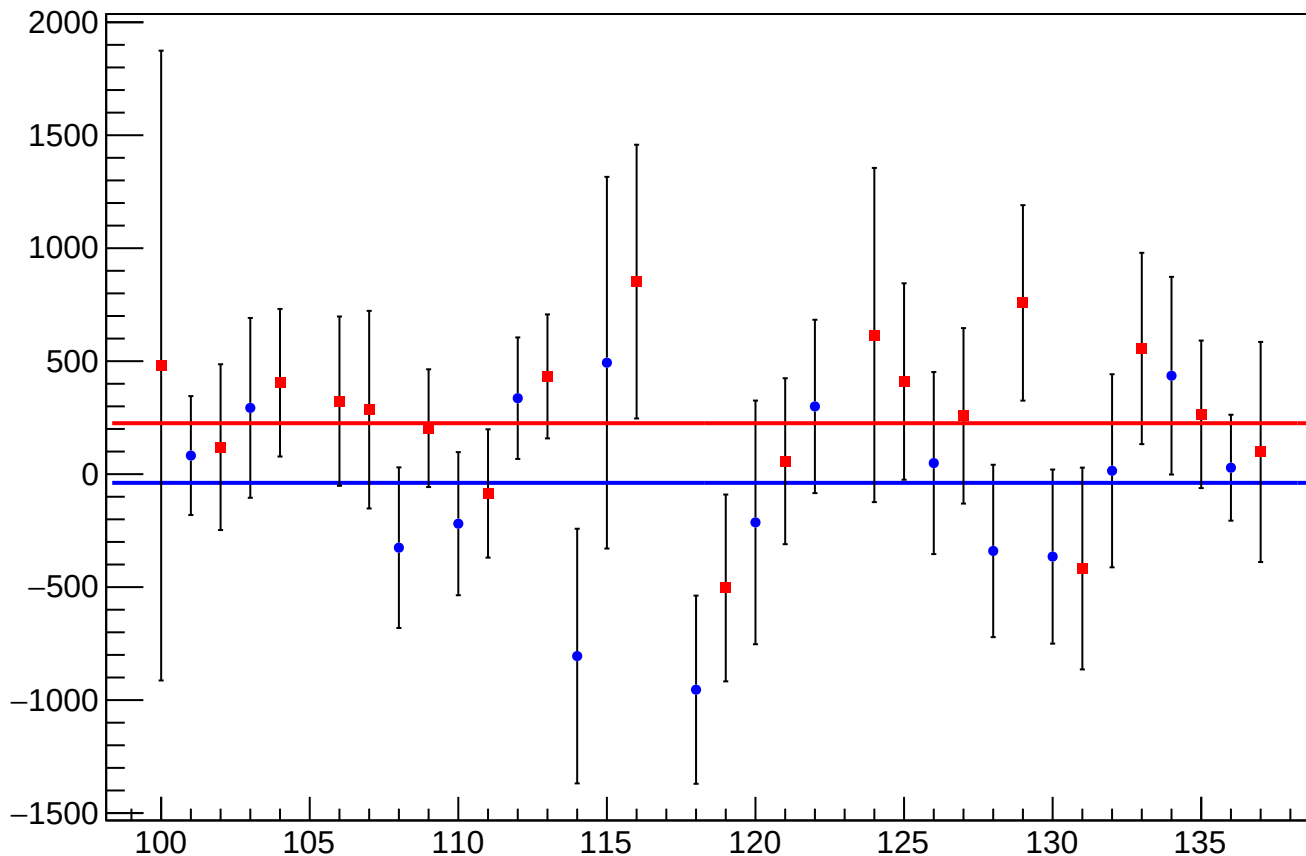
Right: 2395.904+/-0.460 χ^2/NDF : 1979546.8/34

In: 2455.127+/-0.670 χ^2/NDF : 894358.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.904+/-0.460 χ^2/NDF : 1979546.8/34

eigen_cor_asym_sam4_mean vs Slug, Sign Corrected



Right In: -38.519 ± 90.619 χ^2/NDF : 14.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 225.515 ± 87.922 χ^2/NDF : 11.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

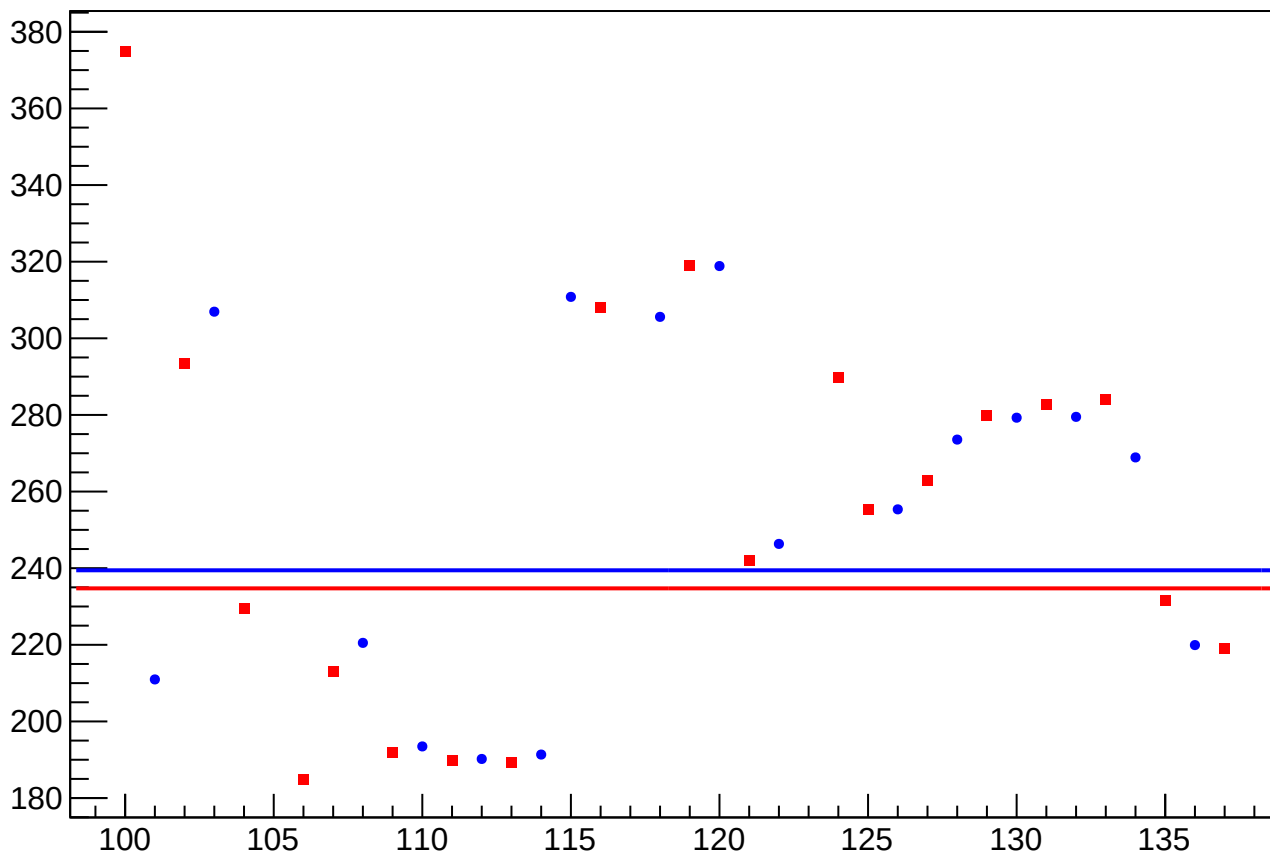
Right: 97.485 ± 63.102 χ^2/NDF : 30.3/34

In: -38.519 ± 90.619 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.485 ± 63.102 χ^2/NDF : 30.3/34

eigen_cor_asym_sam4_rms vs Slug, Sign Corrected



Right In: 239.449+/-0.064 χ^2/NDF : 400958.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 234.733+/-0.062 χ^2/NDF : 485238.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

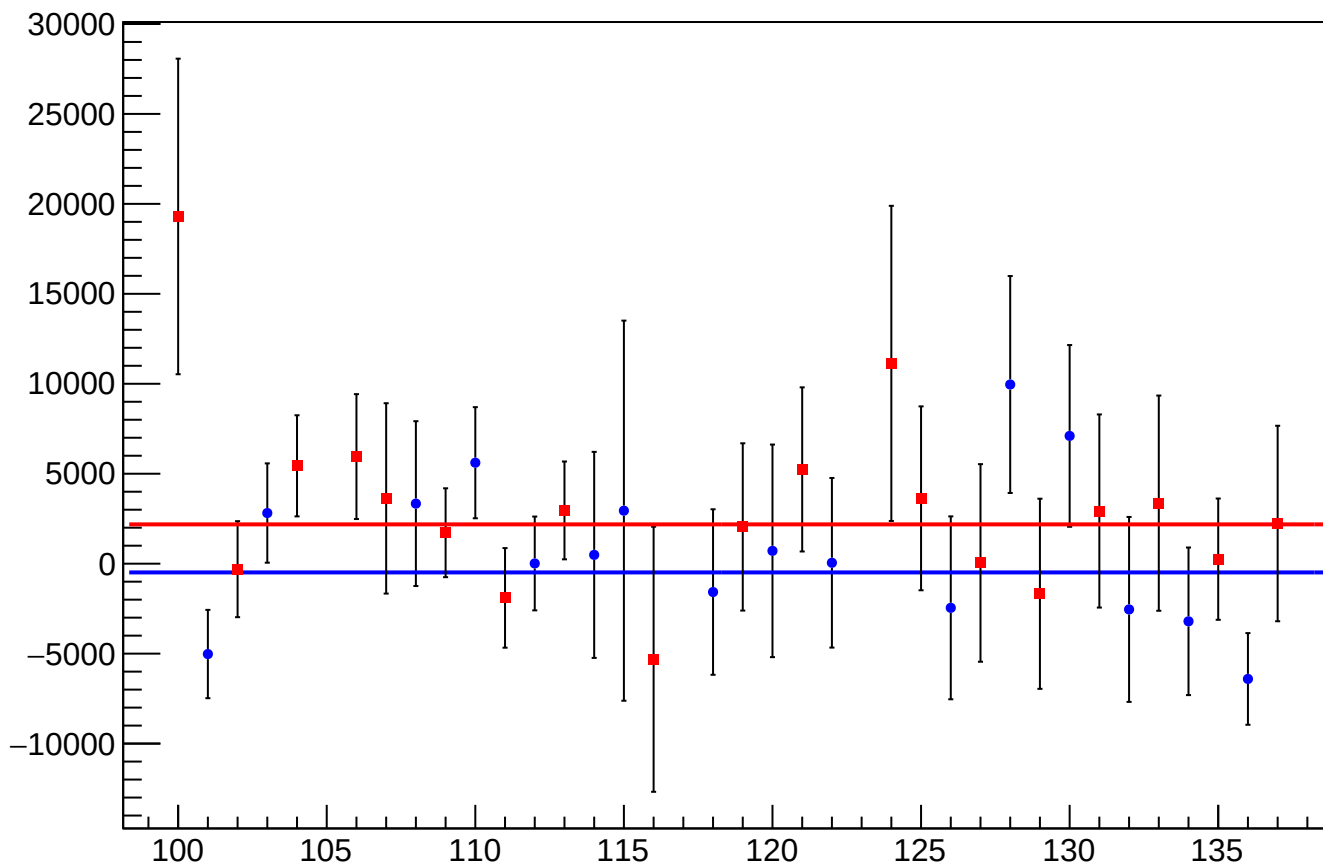
Right: 237.020+/-0.045 χ^2/NDF : 888987.0/34

In: 239.449+/-0.064 χ^2/NDF :400958.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.020+/-0.045 χ^2/NDF : 888987.0/34

asym_sam4_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2184.834+/-895.863 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

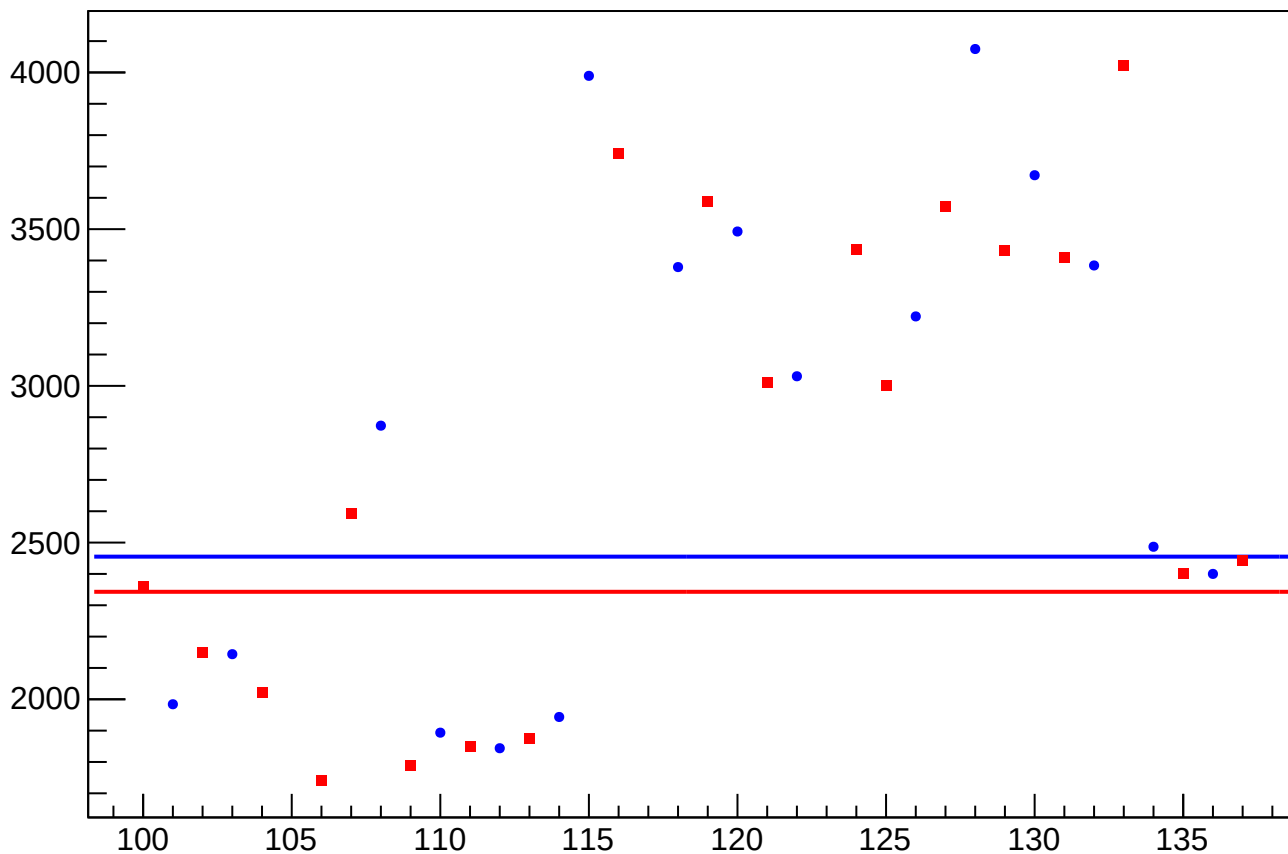
Right: 924.081+/-650.950 χ^2/NDF : 38.6/34

In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 924.081+/-650.950 χ^2/NDF : 38.6/34

asym_sam4_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2455.127+/-0.670 χ^2/NDF : 894358.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2342.955+/-0.633 χ^2/NDF : 1070387.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

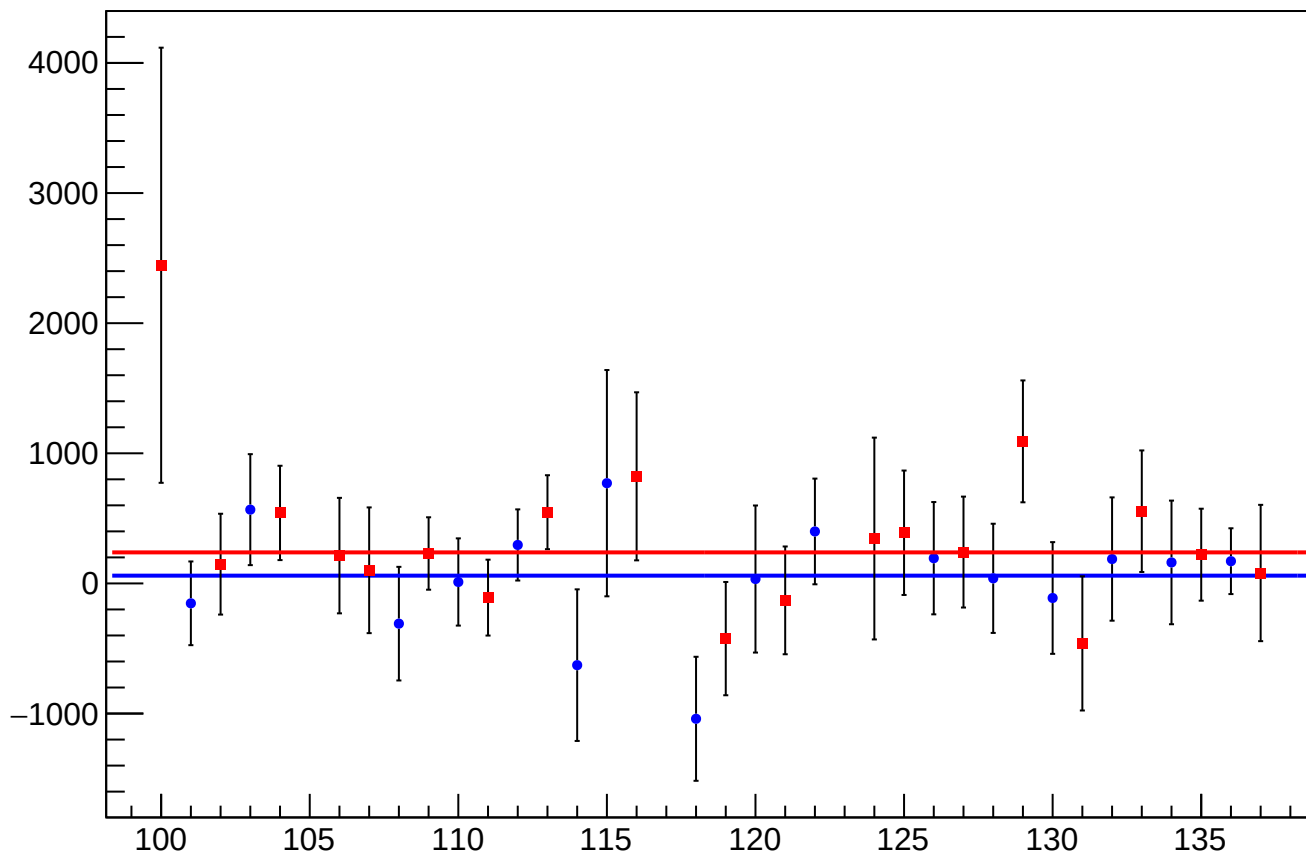
Right: 2395.904+/-0.460 χ^2/NDF : 1979546.8/34

In: 2455.127+/-0.670 χ^2/NDF : 894358.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.904+/-0.460 χ^2/NDF : 1979546.8/34

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 59.728+/-99.230 χ^2/NDF : 12.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.516+/-95.062 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

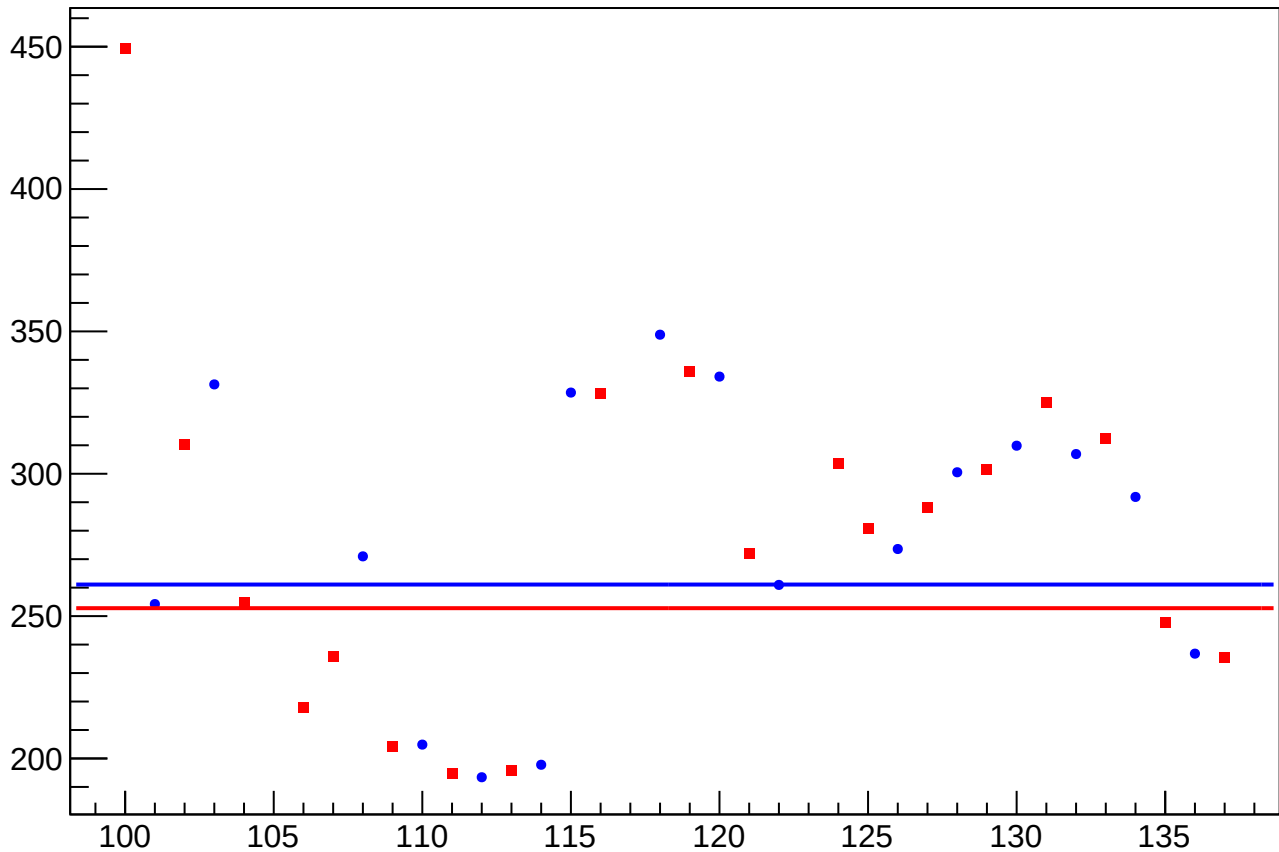
Right: 152.955+/-68.645 χ^2/NDF : 28.6/34

In: 59.728+/-99.230 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.955+/-68.645 χ^2/NDF : 28.6/34

dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.089+/-0.070 χ^2/NDF : 462662.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 252.787+/-0.067 χ^2/NDF : 537290.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

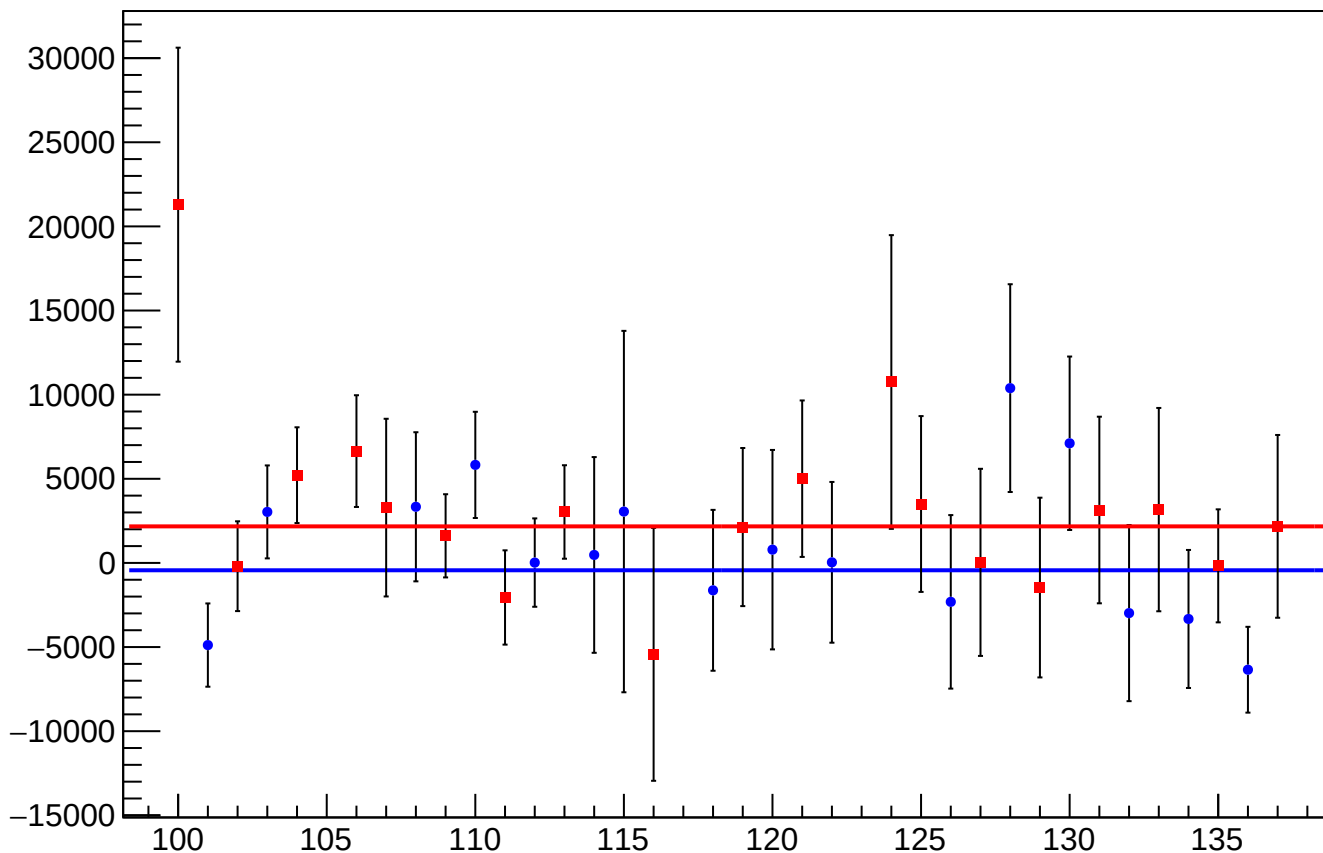
Right: 256.760+/-0.049 χ^2/NDF : 1007252.4/34

In: 261.089+/-0.070 χ^2/NDF :462662.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 256.760+/-0.049 χ^2/NDF : 1007252.4/34

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -436.732 $\pm$ 955.134 χ^2 /NDF: 21.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2172.091 $\pm$ 901.102 χ^2 /NDF: 14.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

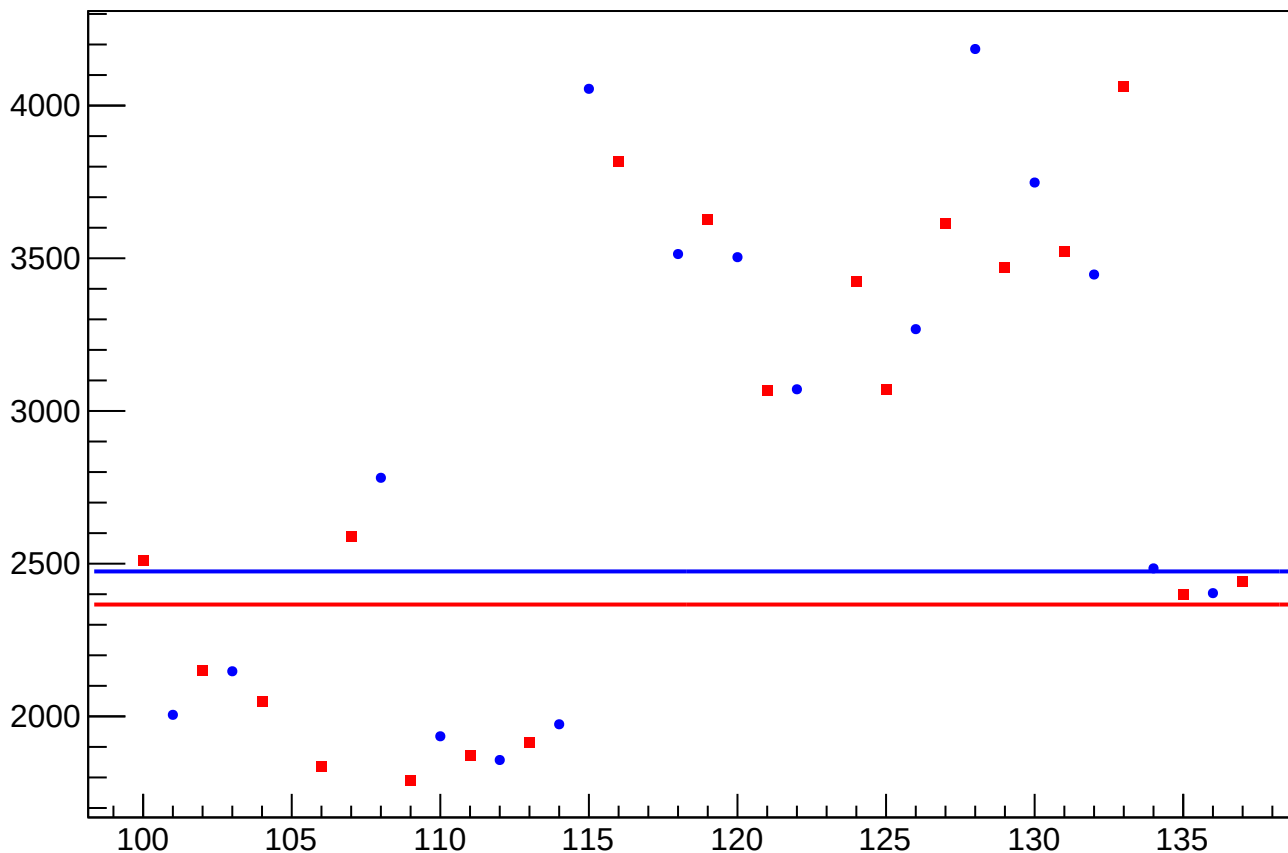
Right: 943.553 $\pm$ 655.445 χ^2 /NDF: 39.1/34

In: -436.732 $\pm$ 955.134 χ^2 /NDF:21.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 943.553 $\pm$ 655.445 χ^2 /NDF: 39.1/34

asym_sam4_dit_correction_rms vs Slug, Sign Corrected



Right In: 2474.622+/-0.675 χ^2/NDF : 916250.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 2366.221+/-0.637 χ^2/NDF : 1077175.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

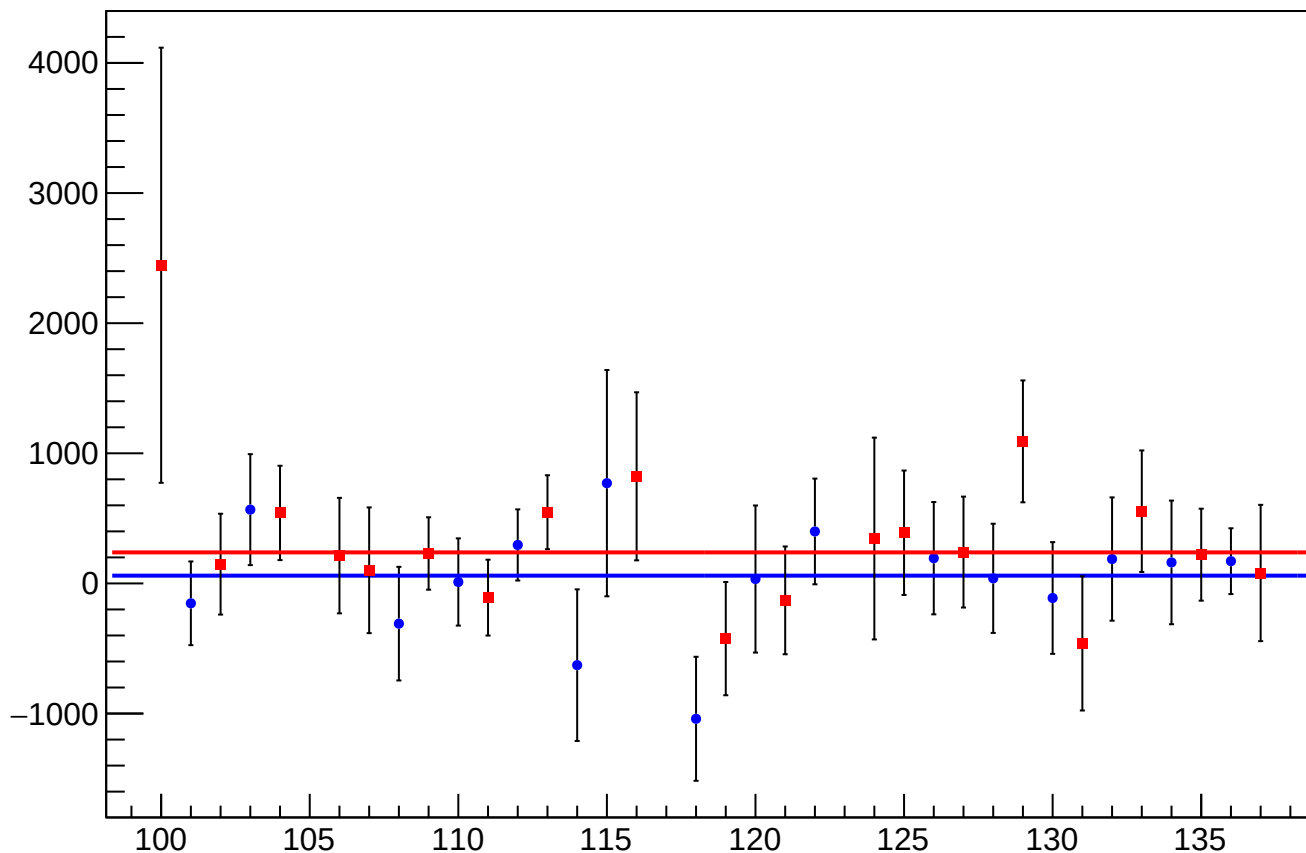
Right: 2417.269+/-0.463 χ^2/NDF : 2007056.0/34

In: 2474.622+/-0.675 χ^2/NDF :916250.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2417.269+/-0.463 χ^2/NDF : 2007056.0/34

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 59.734+/-99.230 χ^2/NDF : 12.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 238.515+/-95.062 χ^2/NDF : 14.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

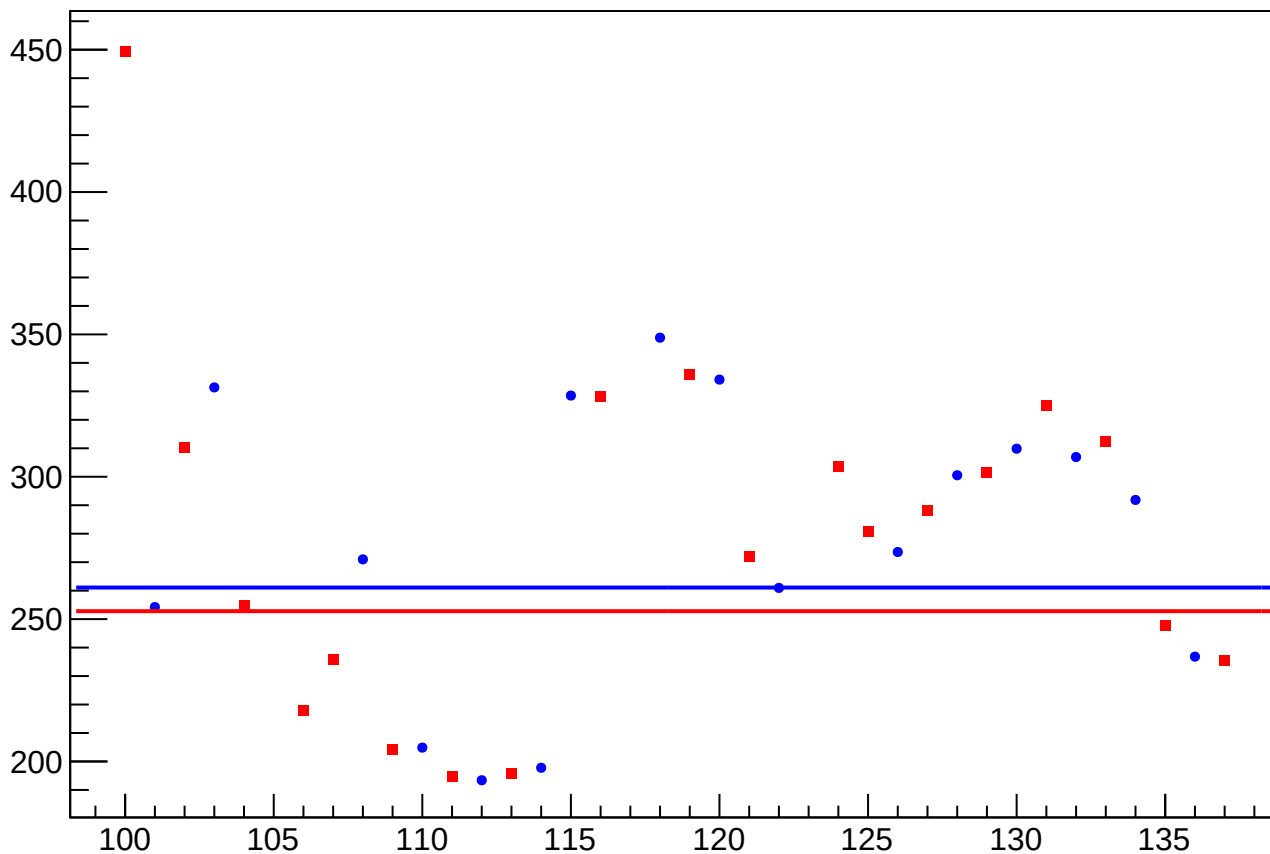
Right: 152.957+/-68.645 χ^2/NDF : 28.6/34

In: 59.734+/-99.230 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.957+/-68.645 χ^2/NDF : 28.6/34

eigen_dit_asym_sam4_rms vs Slug, Sign Corrected



Right In: 261.089+/-0.070 χ^2/NDF : 462665.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 252.787+/-0.067 χ^2/NDF : 537293.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

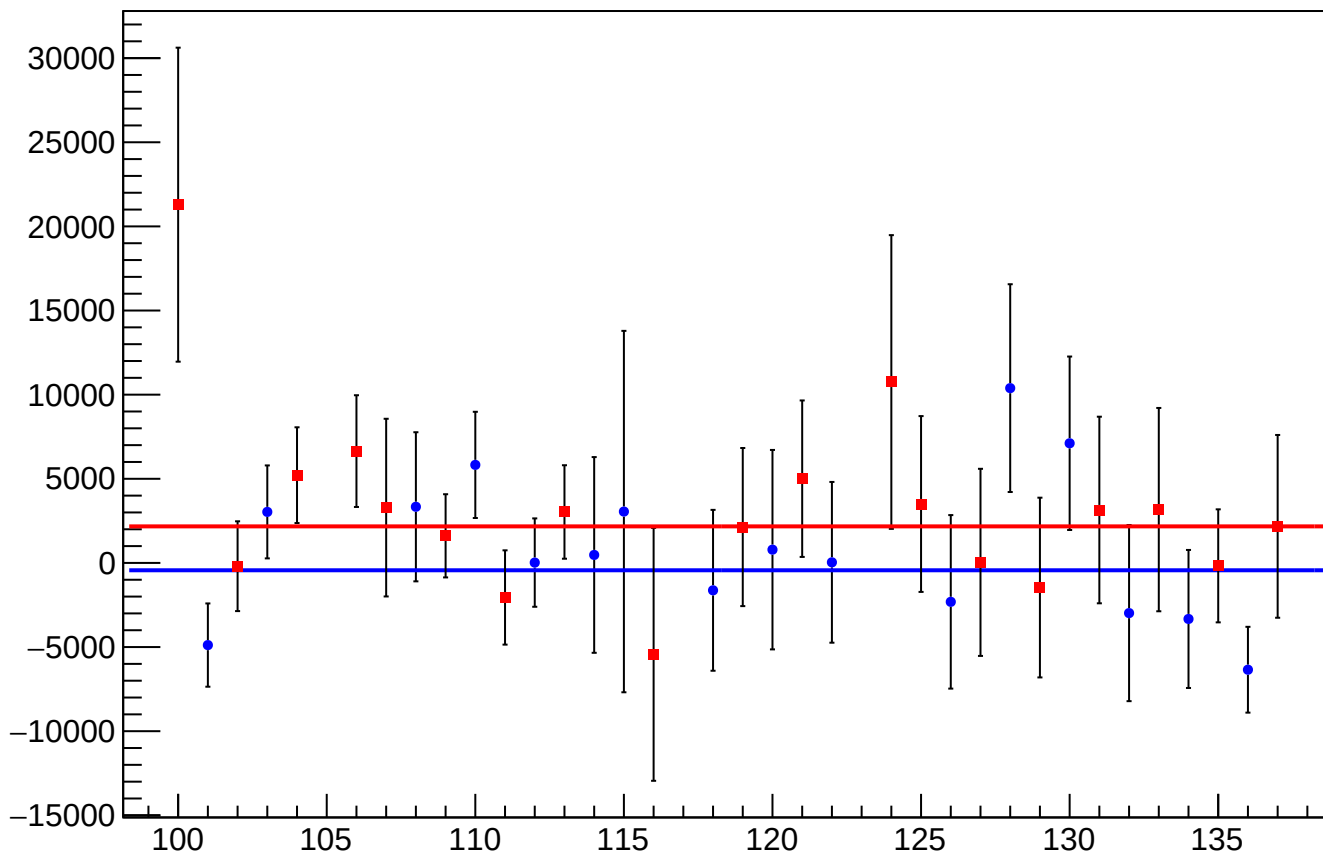
Right: 256.760+/-0.049 χ^2/NDF : 1007258.7/34

In: 261.089+/-0.070 χ^2/NDF : 462665.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 256.760+/-0.049 χ^2/NDF : 1007258.7/34

asym_sam4_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -436.731+/-955.133 χ^2/NDF : 21.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.089+/-901.101 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

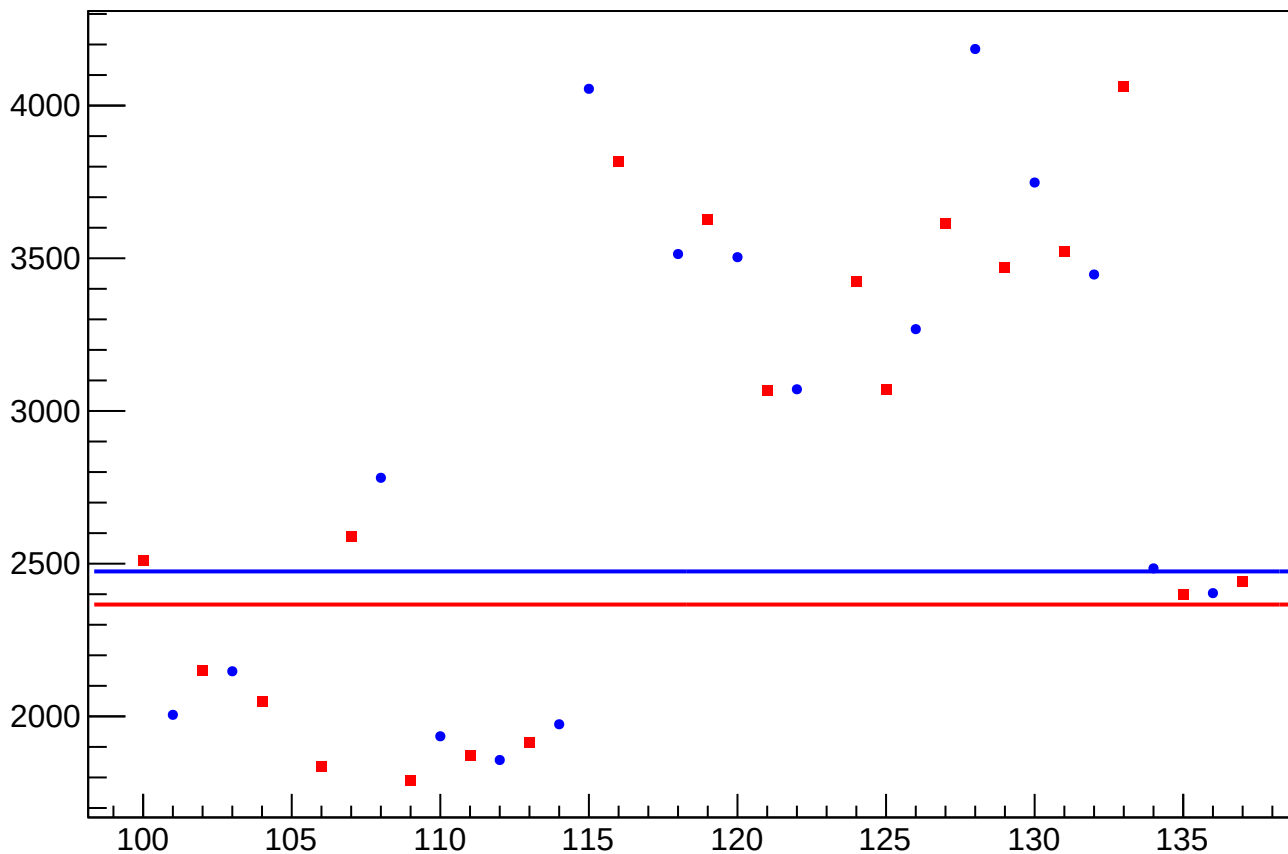
Right: 943.553+/-655.444 χ^2/NDF : 39.1/34

In: -436.731+/-955.133 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.553+/-655.444 χ^2/NDF : 39.1/34

asym_sam4_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2474.620+/-0.675 χ^2/NDF : 916254.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2366.219+/-0.637 χ^2/NDF : 1077177.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

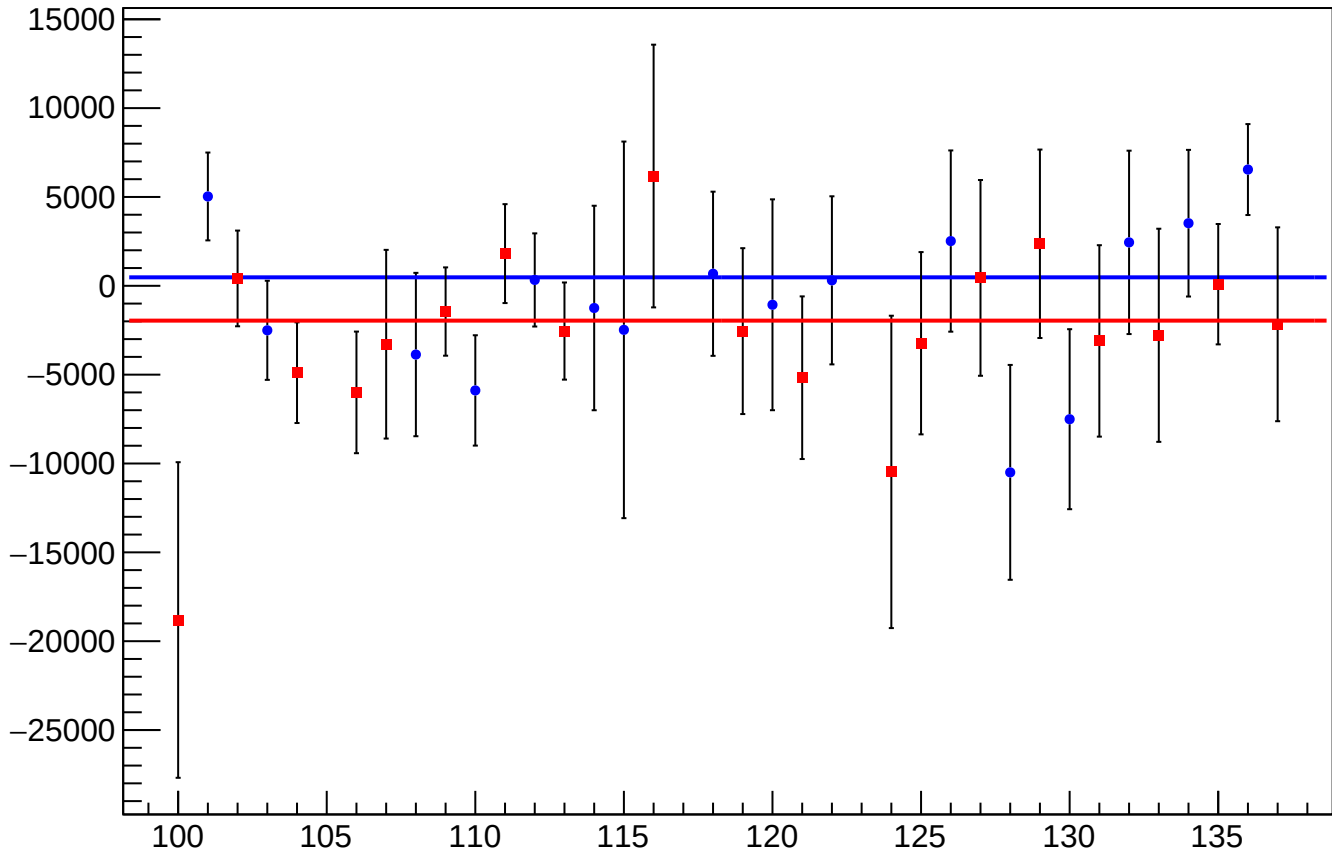
Right: 2417.267+/-0.463 χ^2/NDF : 2007061.7/34

In: 2474.620+/-0.675 χ^2/NDF : 916254.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2417.267+/-0.463 χ^2/NDF : 2007061.7/34

asym_sam4_mean vs Slug, Sign Corrected



Right In: 477.284+/-952.752 χ^2/NDF : 22.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1959.491+/-899.702 χ^2/NDF : 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

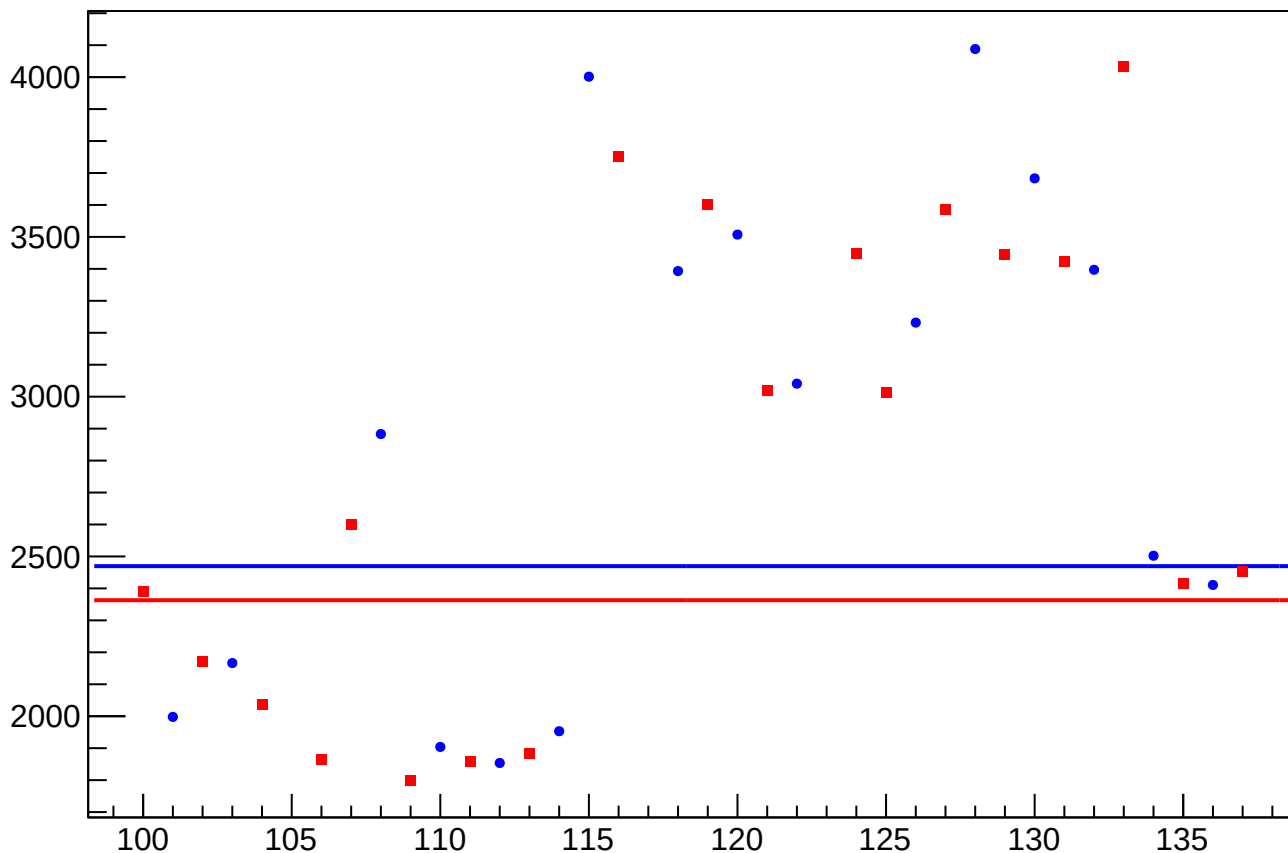
Right: -810.830+/-654.136 χ^2/NDF : 38.4/34

In: 477.284+/-952.752 χ^2/NDF : 22.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -810.830+/-654.136 χ^2/NDF : 38.4/34

asym_sam4_rms vs Slug, Sign Corrected



Right In: 2469.639+/-0.674 χ^2/NDF : 886179.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2363.052+/-0.636 χ^2/NDF : 1043344.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

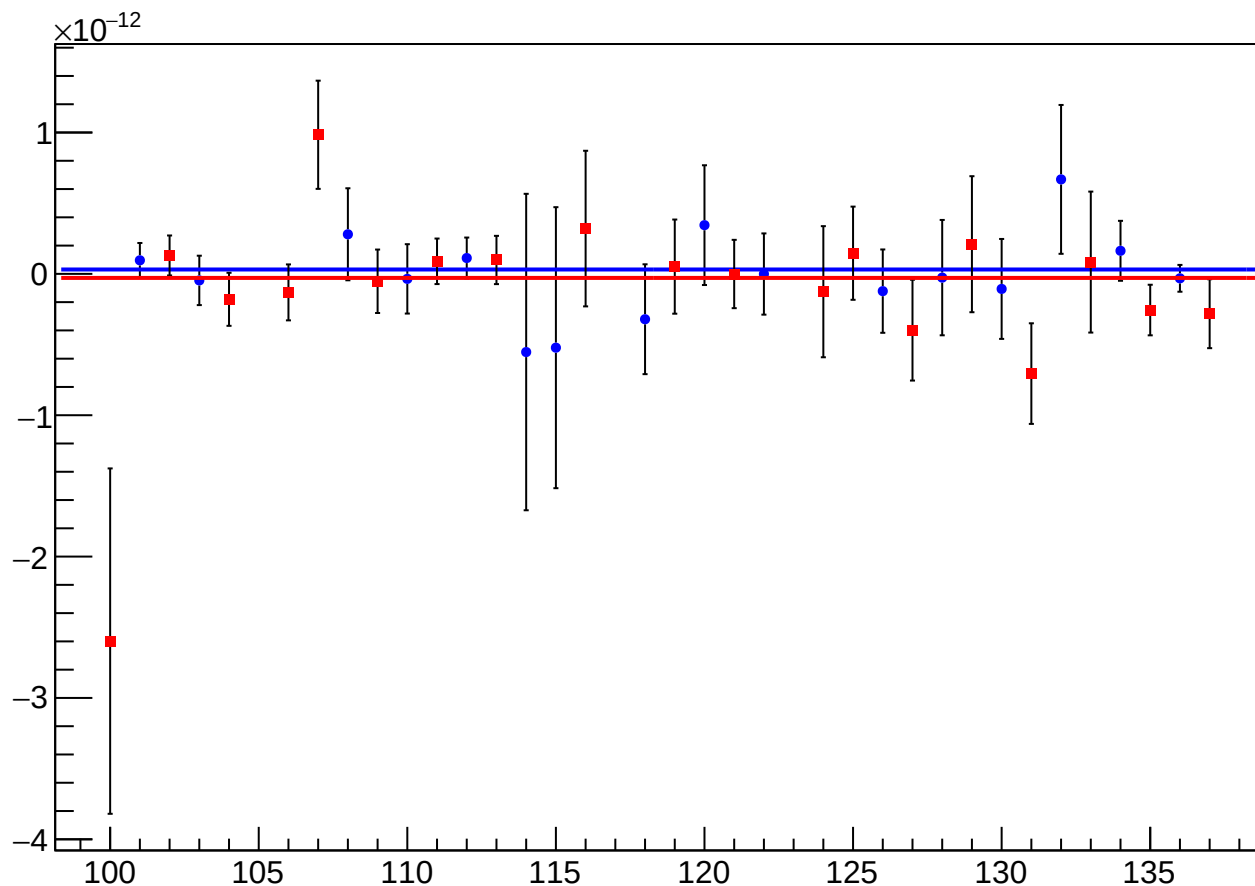
Right: 2413.296+/-0.463 χ^2/NDF : 1942755.0/34

In: 2469.639+/-0.674 χ^2/NDF : 886179.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2413.296+/-0.463 χ^2/NDF : 1942755.0/34

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 23.2/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

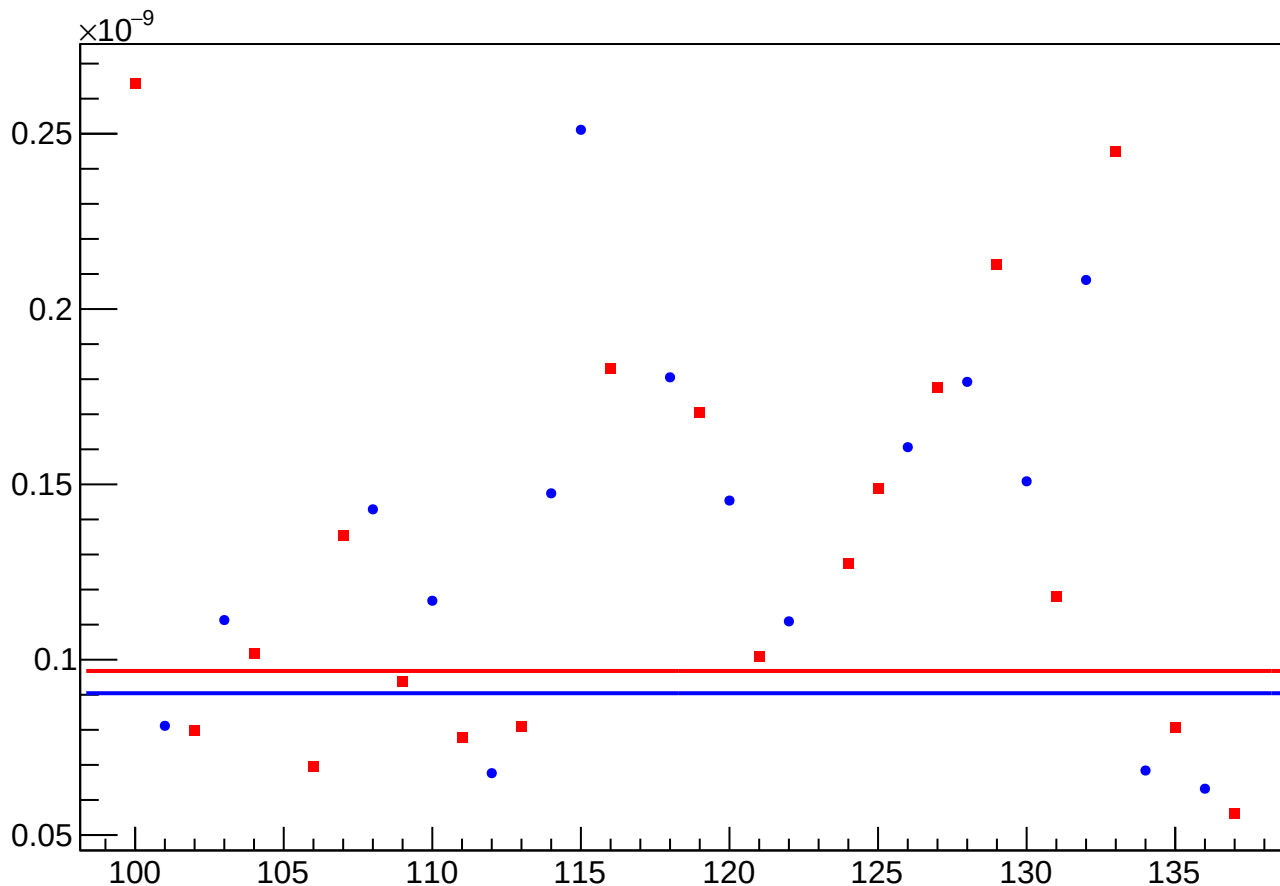
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 29.9/34

In: 0.000 $\pm$ 0.000 χ^2/NDF : 6.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 29.9/34

asym_sam4_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 926723.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 851500.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

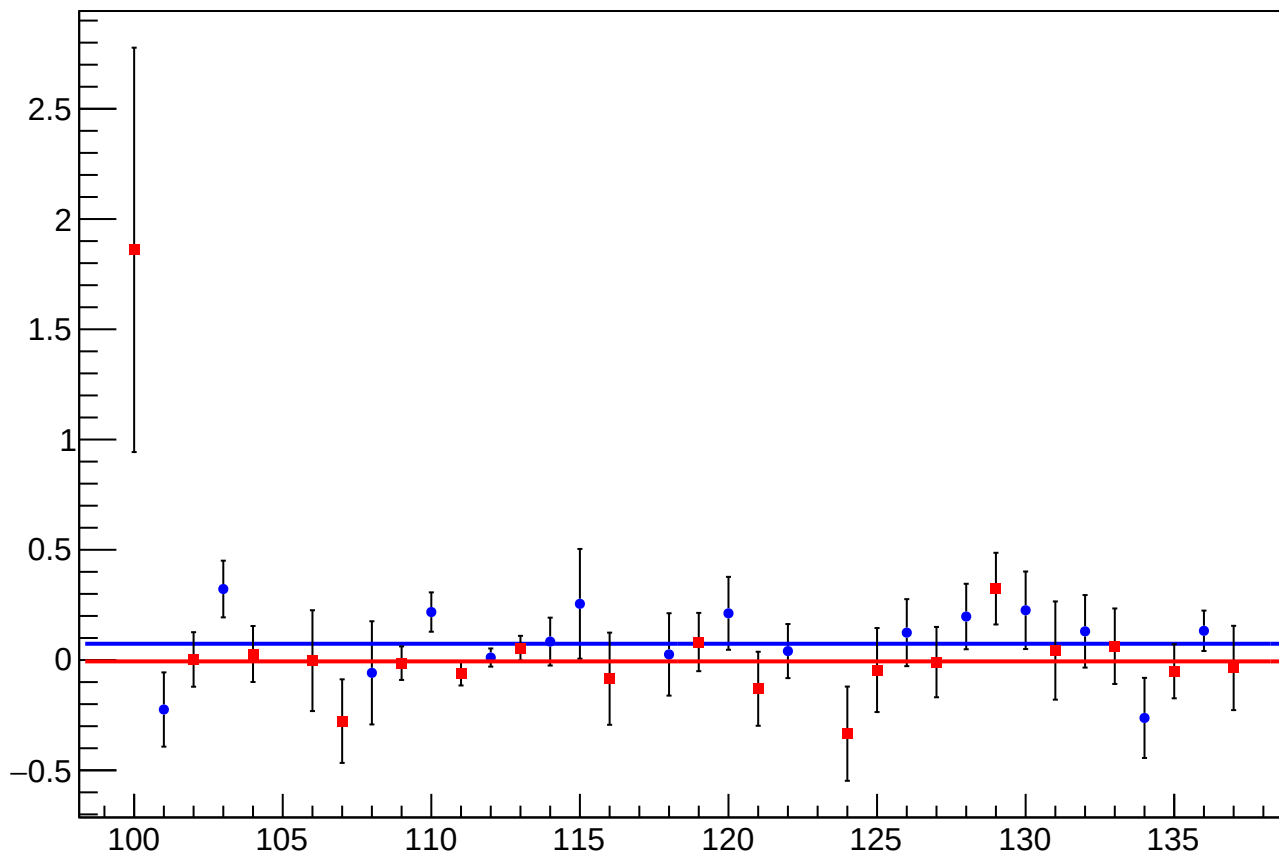
Right: 0.000+/-0.000 χ^2/NDF : 1791911.9/34

In: 0.000+/-0.000 χ^2/NDF : 926723.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1791911.9/34

asym_sam4_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074 $\pm$ 0.027 χ^2 /NDF: 19.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.027 χ^2 /NDF: 16.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

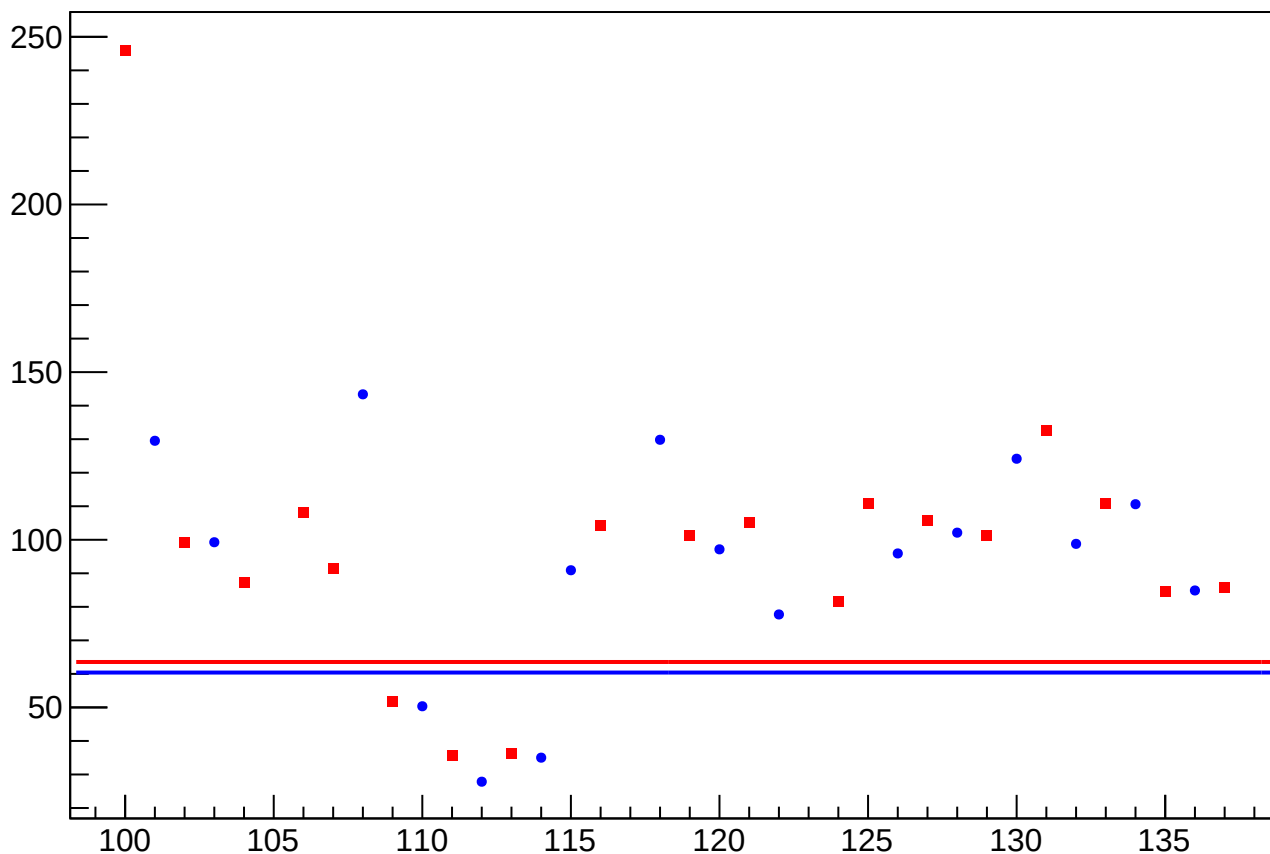
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.8/34

In: 0.074 $\pm$ 0.027 χ^2 /NDF:19.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.8/34

asym_sam4_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.401+/-0.019 χ^2/NDF : 3538126.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.553+/-0.019 χ^2/NDF : 2654516.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

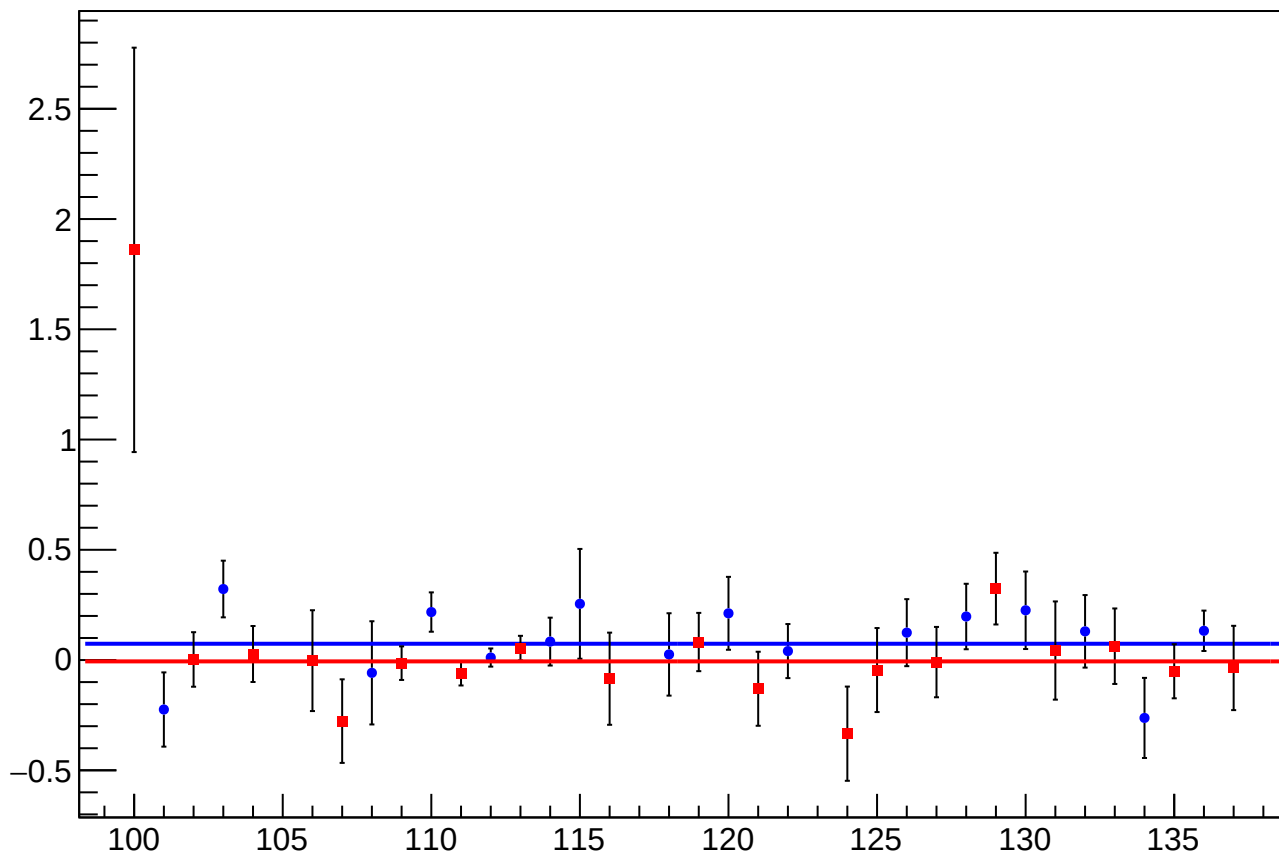
Right: 61.987+/-0.013 χ^2/NDF : 6206346.3/34

In: 60.401+/-0.019 χ^2/NDF :3538126.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.987+/-0.013 χ^2/NDF : 6206346.3/34

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.027 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.027 χ^2/NDF : 16.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

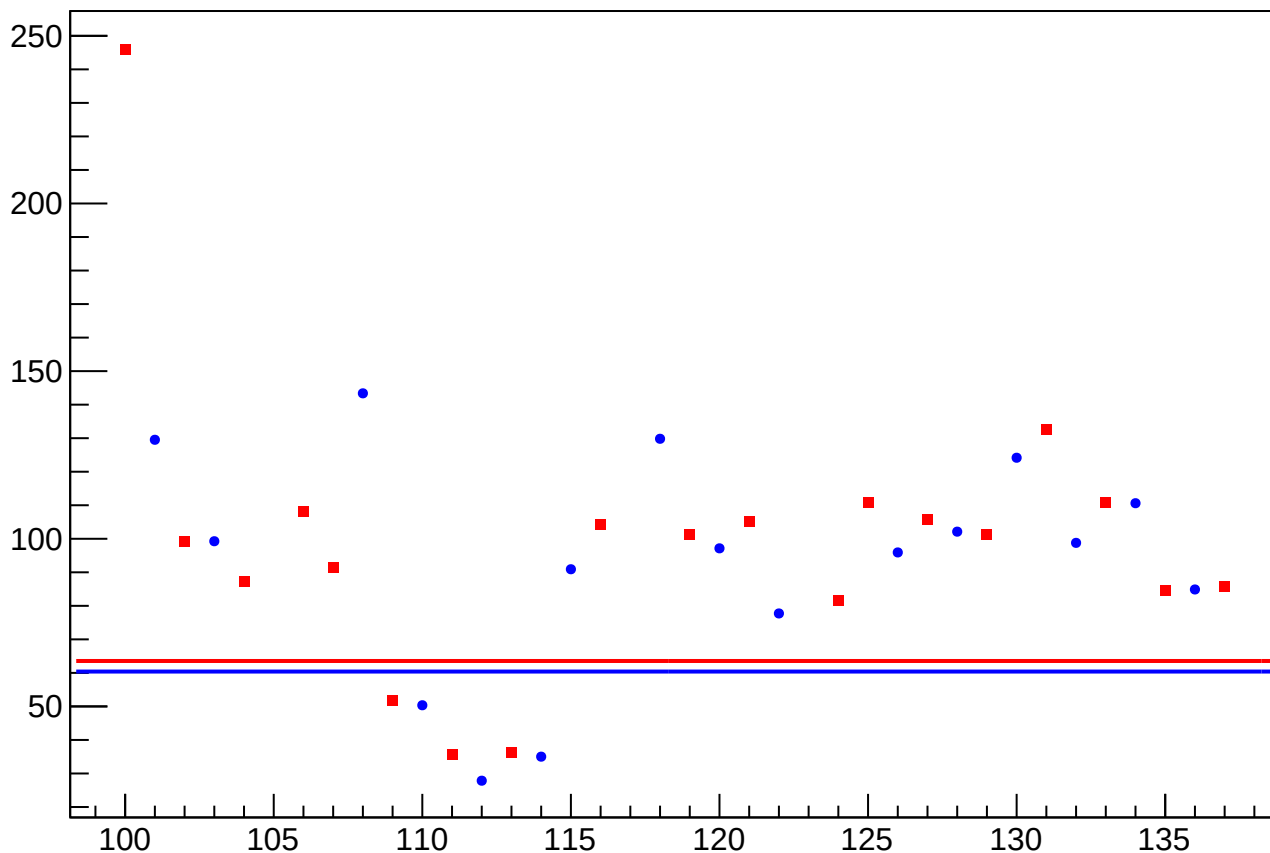
Right: 0.034+/-0.019 χ^2/NDF : 39.8/34

In: 0.074+/-0.027 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.019 χ^2/NDF : 39.8/34

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.401+/-0.019 χ^2/NDF : 3538126.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.553+/-0.019 χ^2/NDF : 2654516.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

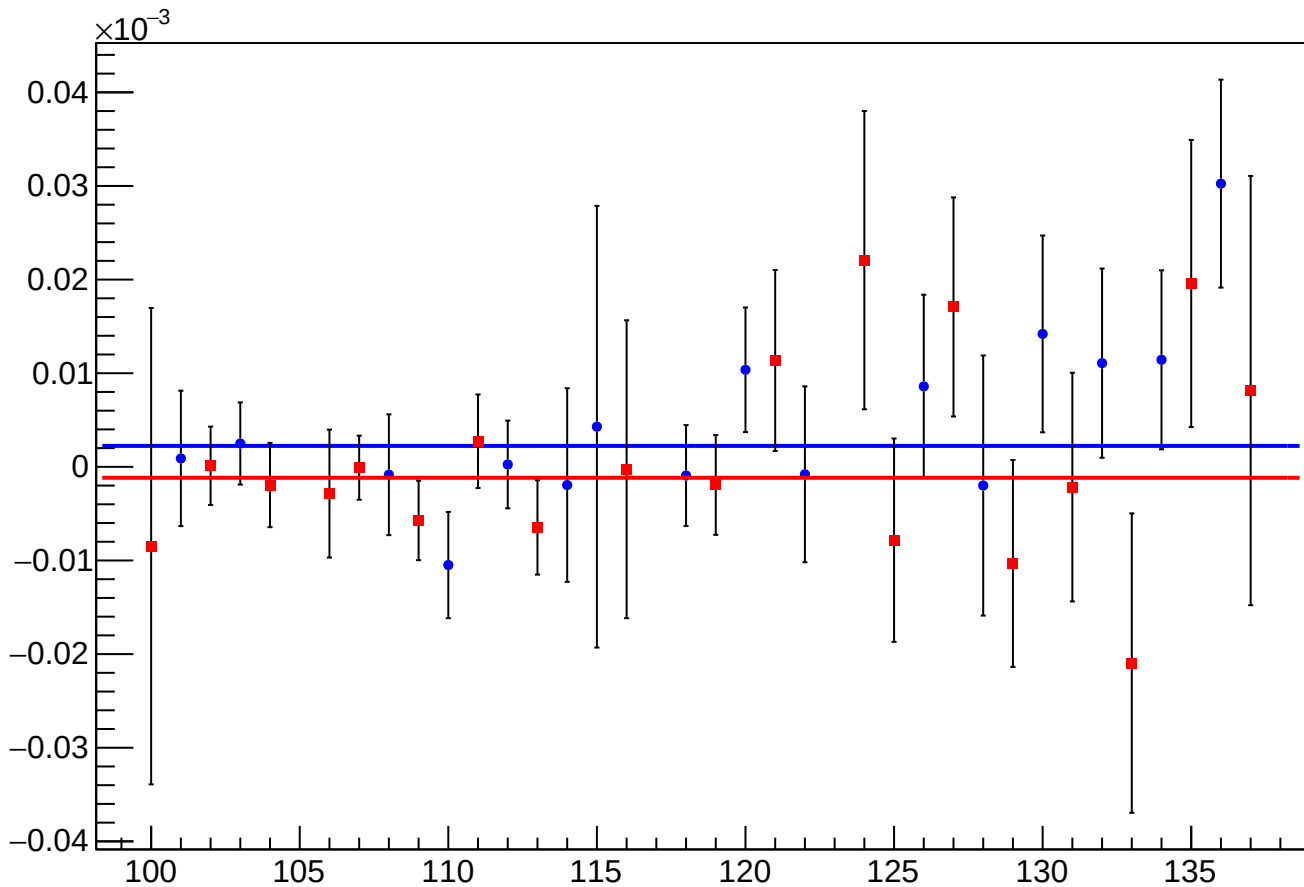
Right: 61.987+/-0.013 χ^2/NDF : 6206346.3/34

In: 60.401+/-0.019 χ^2/NDF : 3538126.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.987+/-0.013 χ^2/NDF : 6206346.3/34

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

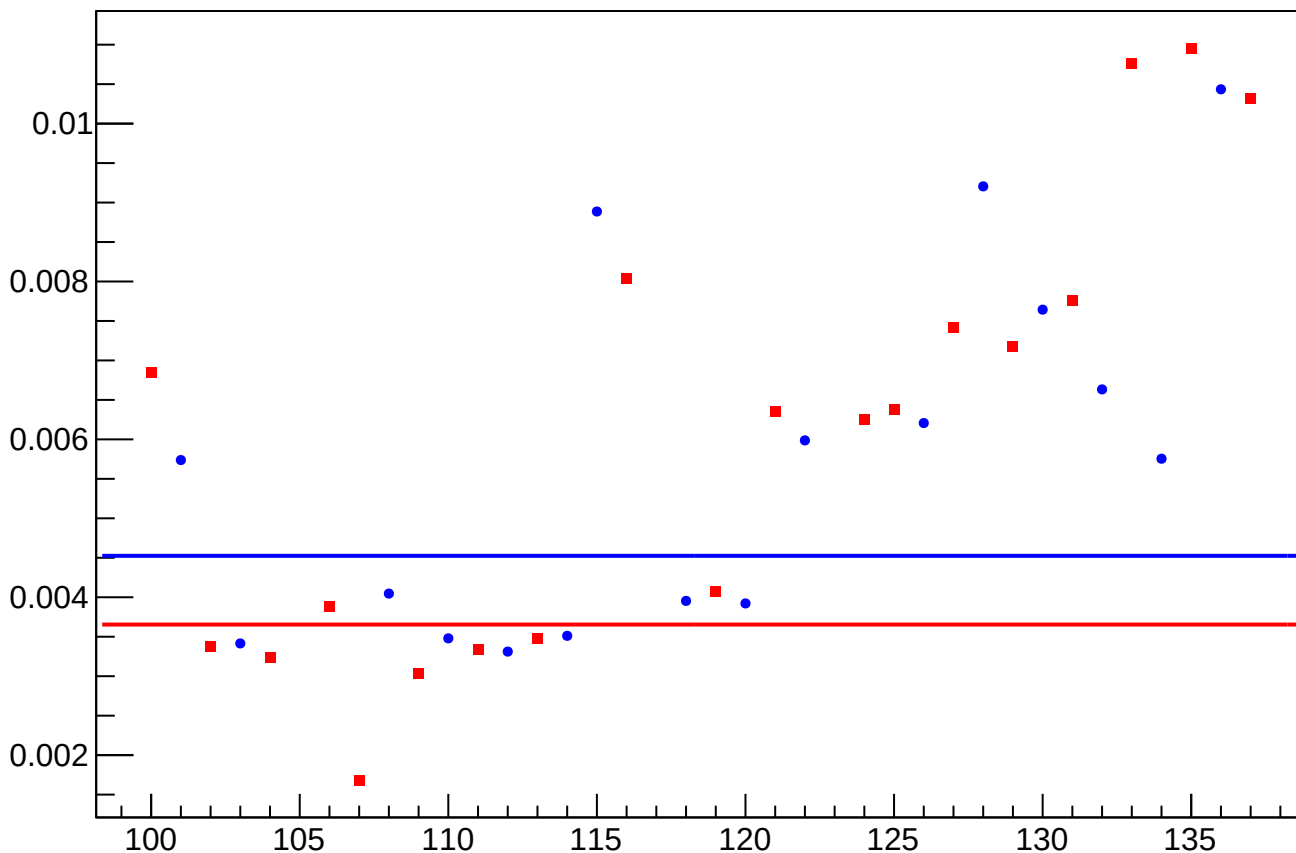
Right: 0.000+/-0.000 χ^2/NDF : 33.6/34

In: 0.000+/-0.000 χ^2/NDF : 17.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.6/34

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.005+/-0.000

χ^2/NDF : 1721333.3/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000

χ^2/NDF : 2933246.9/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 4928784.4/34

In: 0.005+/-0.000

χ^2/NDF : 1721333.3/15

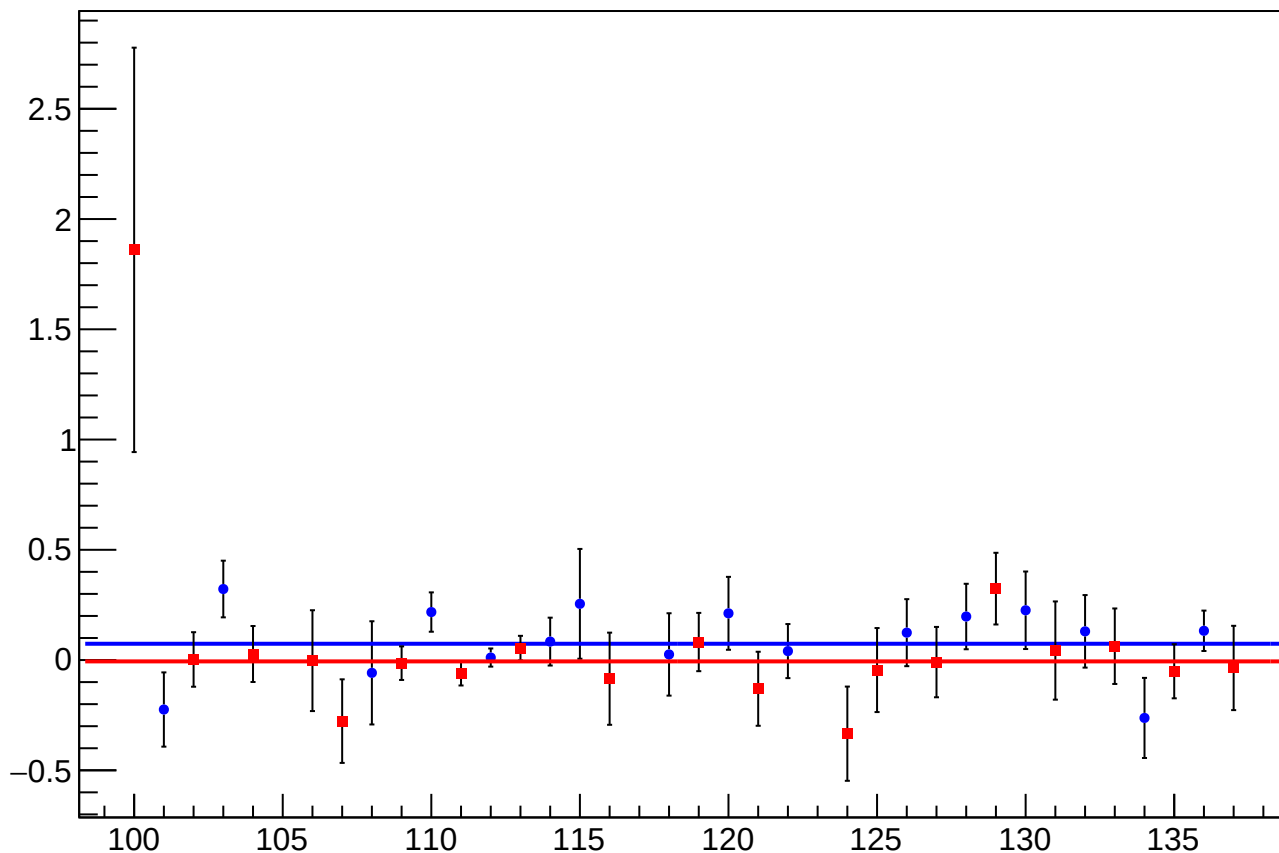
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 4928784.4/34

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074+/-0.027 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.027 χ^2/NDF : 16.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

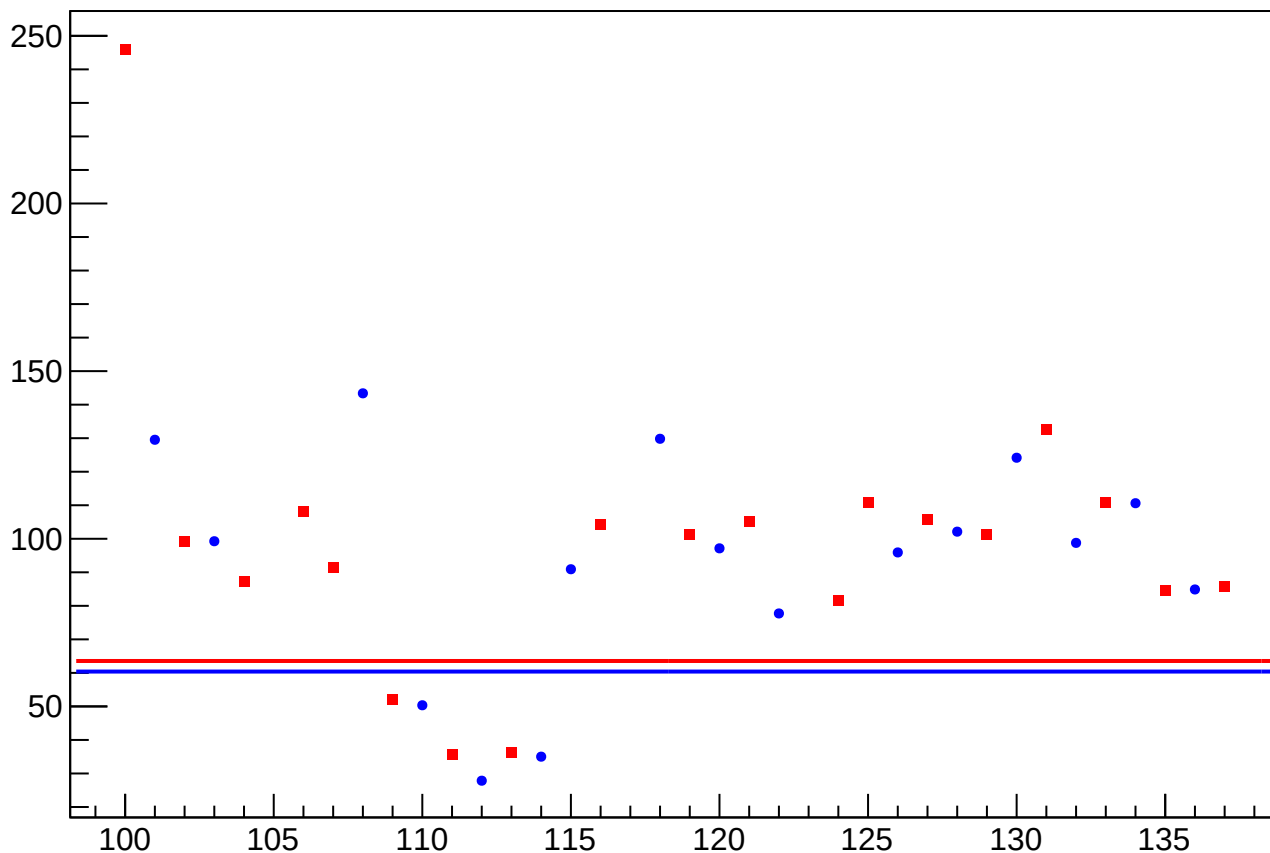
Right: 0.034+/-0.019 χ^2/NDF : 39.8/34

In: 0.074+/-0.027 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.034+/-0.019 χ^2/NDF : 39.8/34

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.399+/-0.019 χ^2/NDF : 3538382.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.551+/-0.019 χ^2/NDF : 2654786.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

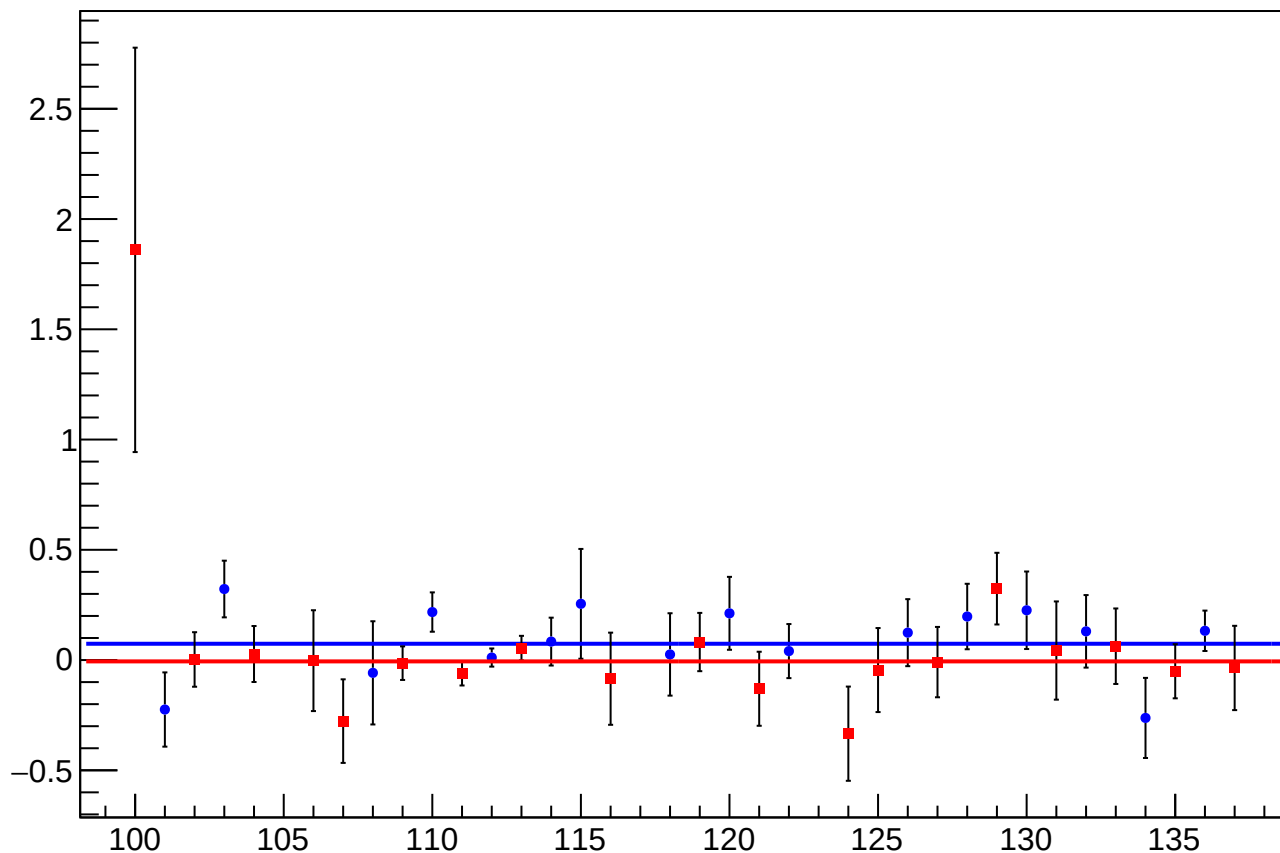
Right: 61.985+/-0.013 χ^2/NDF : 6206876.3/34

In: 60.399+/-0.019 χ^2/NDF :3538382.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.985+/-0.013 χ^2/NDF : 6206876.3/34

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.074 $\pm$ 0.027 χ^2 /NDF: 19.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.027 χ^2 /NDF: 16.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

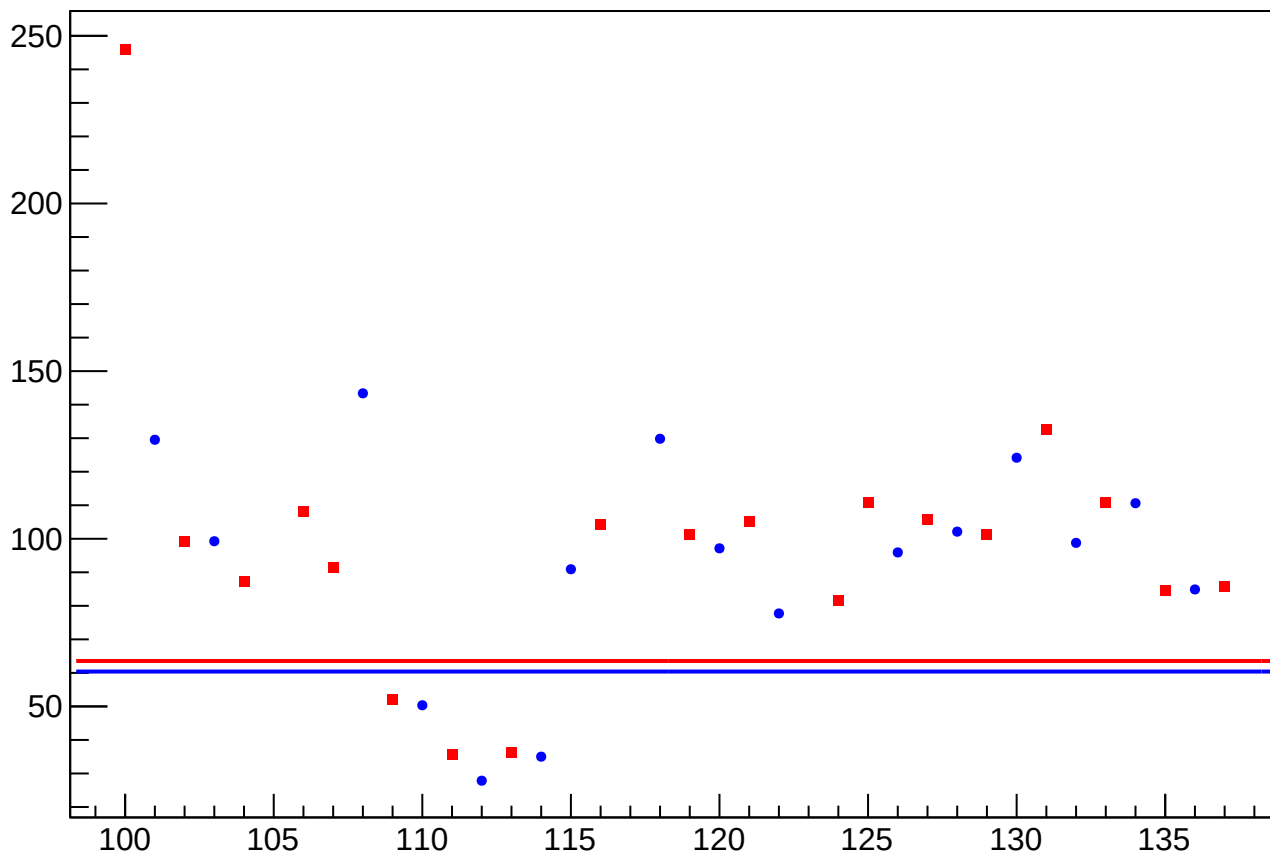
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.8/34

In: 0.074 $\pm$ 0.027 χ^2 /NDF:19.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.8/34

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 60.399+/-0.019 χ^2/NDF : 3538382.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 63.551+/-0.019 χ^2/NDF : 2654786.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

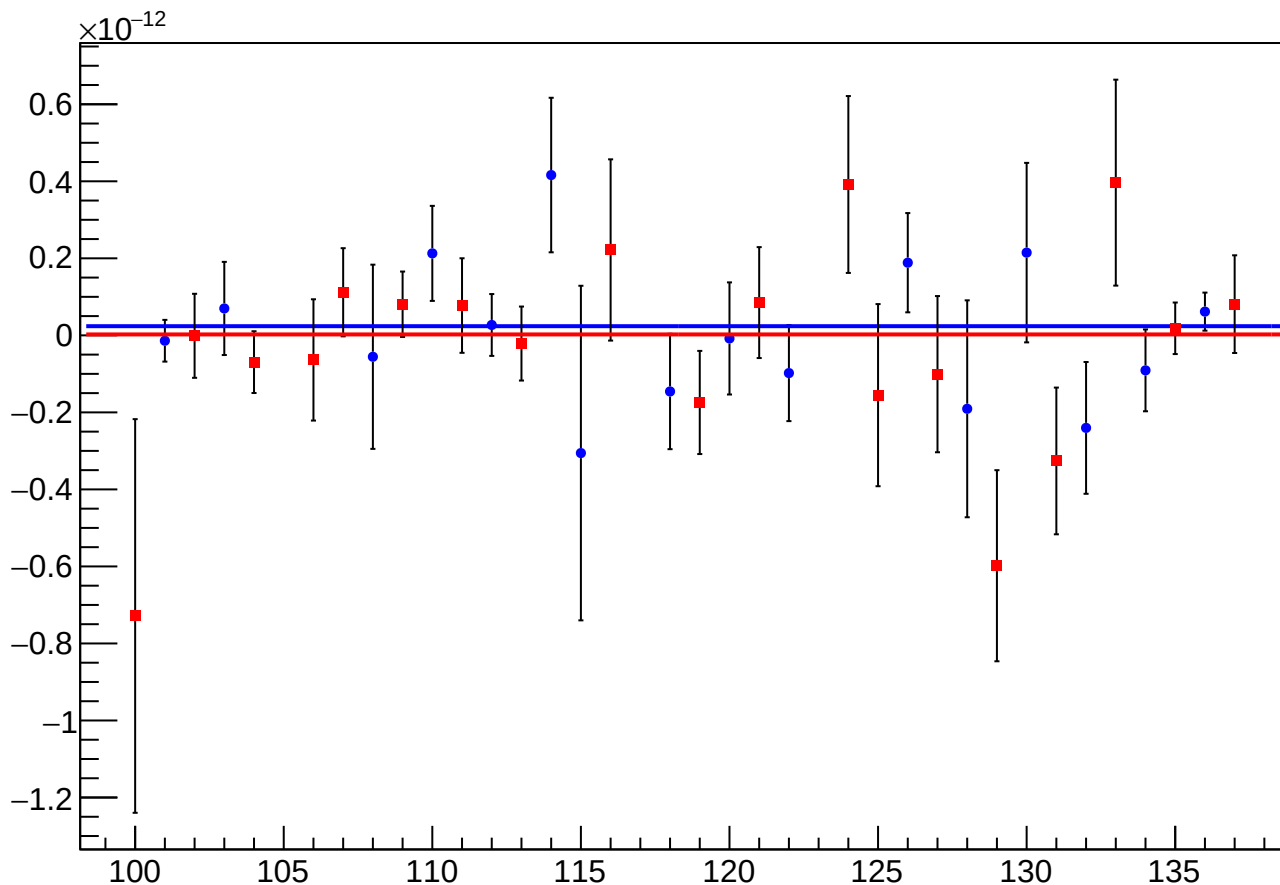
Right: 61.985+/-0.013 χ^2/NDF : 6206876.3/34

In: 60.399+/-0.019 χ^2/NDF :3538382.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.985+/-0.013 χ^2/NDF : 6206876.3/34

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

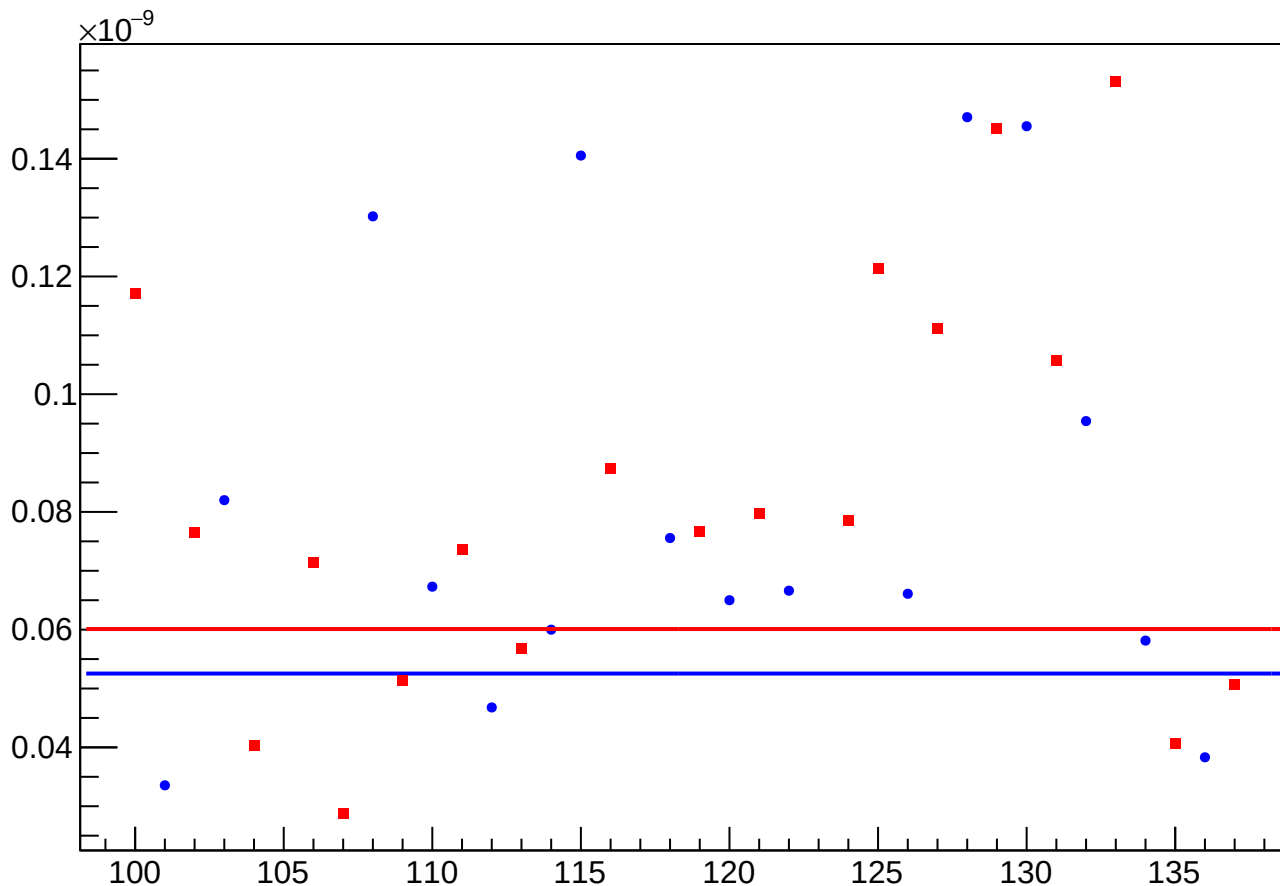
Right: 0.000+/-0.000 χ^2/NDF : 40.3/34

In: 0.000+/-0.000 χ^2/NDF : 16.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.3/34

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1649207.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1539049.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

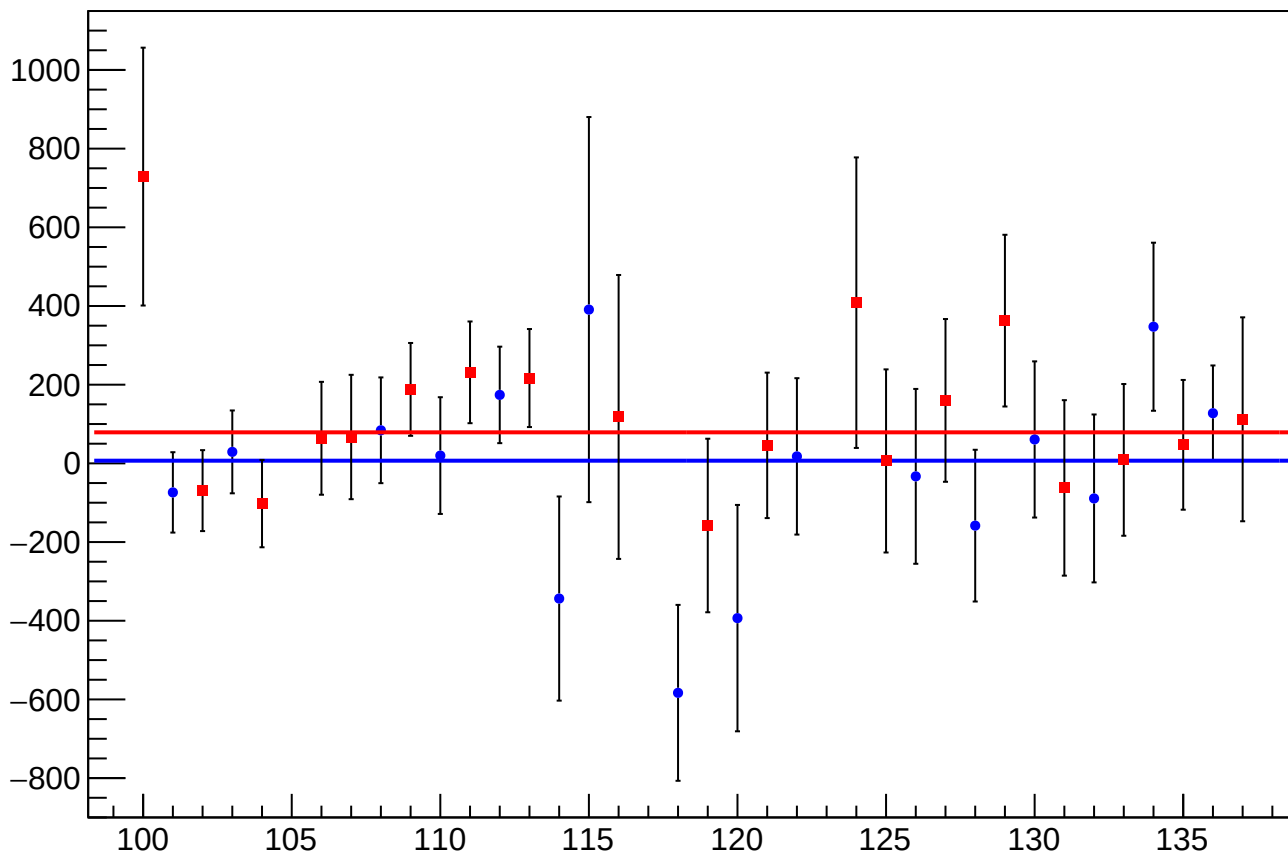
Right: 0.000+/-0.000 χ^2/NDF : 3263531.1/34

In: 0.000+/-0.000 χ^2/NDF : 1649207.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3263531.1/34

reg_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.811+/-40.353 χ^2/NDF : 18.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.883+/-37.906 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

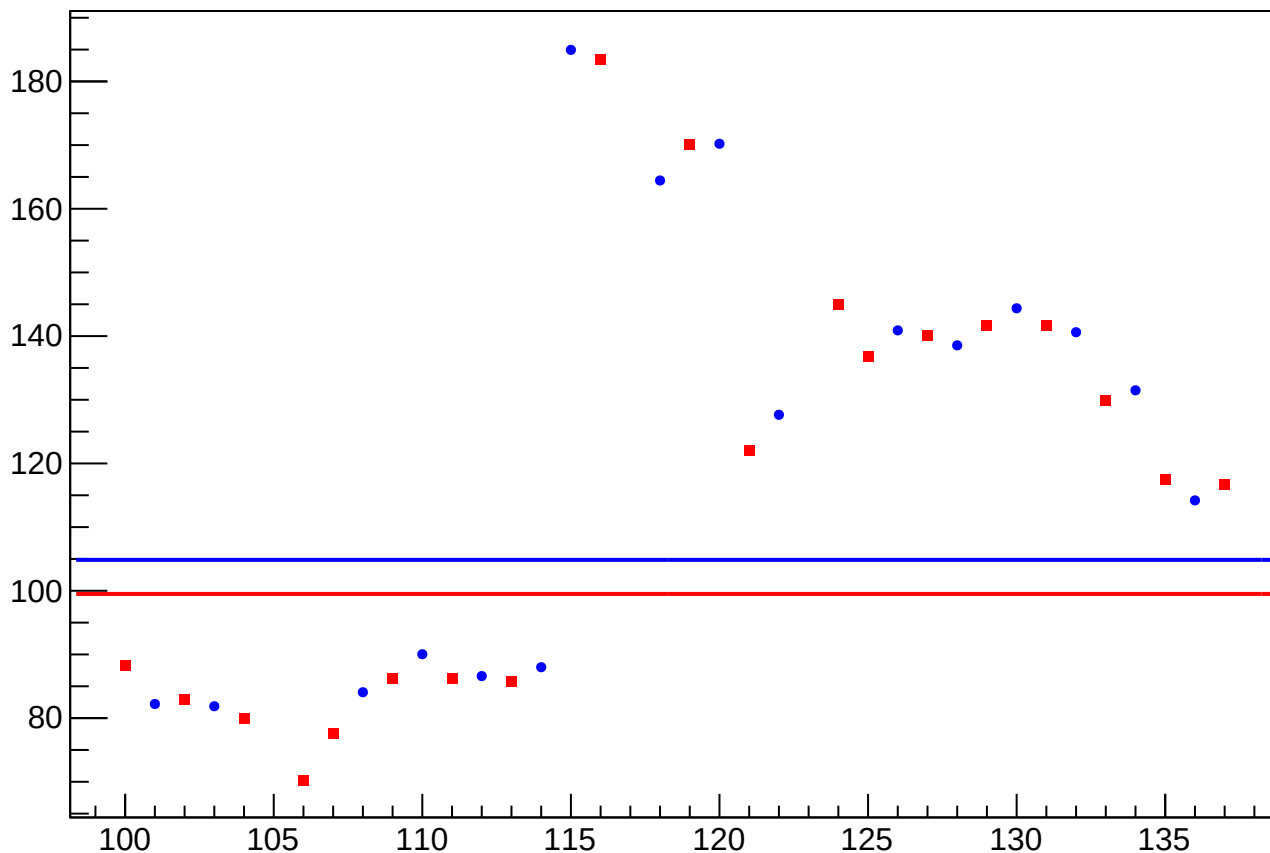
Right: 45.098+/-27.628 χ^2/NDF : 37.2/34

In: 6.811+/-40.353 χ^2/NDF : 18.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.098+/-27.628 χ^2/NDF : 37.2/34

reg_asym_sam5_rms vs Slug, Sign Corrected



Right In: 104.860+/-0.029 χ^2/NDF : 931228.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.508+/-0.027 χ^2/NDF : 1039037.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

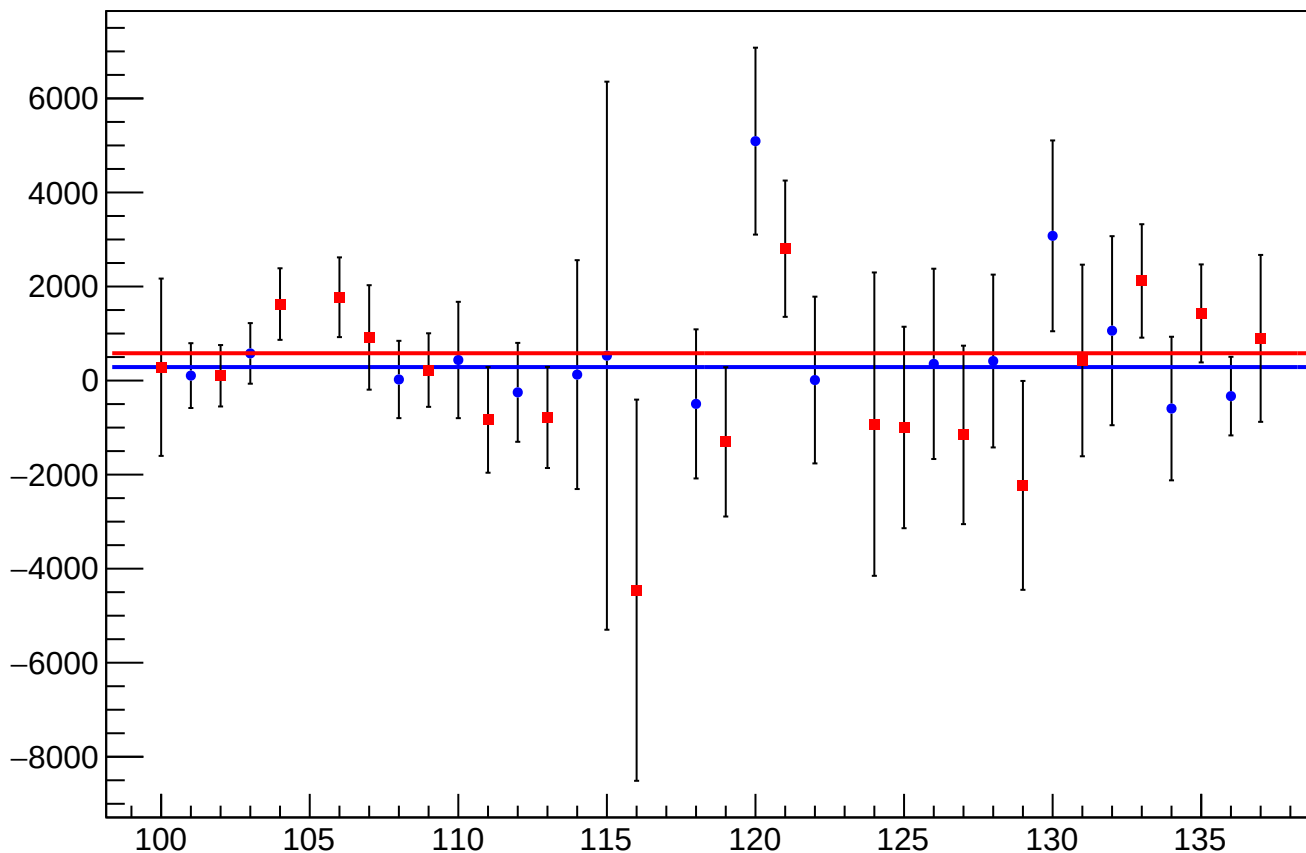
Right: 102.017+/-0.020 χ^2/NDF : 1988955.2/34

In: 104.860+/-0.029 χ^2/NDF : 931228.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.017+/-0.020 χ^2/NDF : 1988955.2/34

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 286.915 $\pm$ 293.474 χ^2 /NDF: 9.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 581.217 $\pm$ 269.775 χ^2 /NDF: 18.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

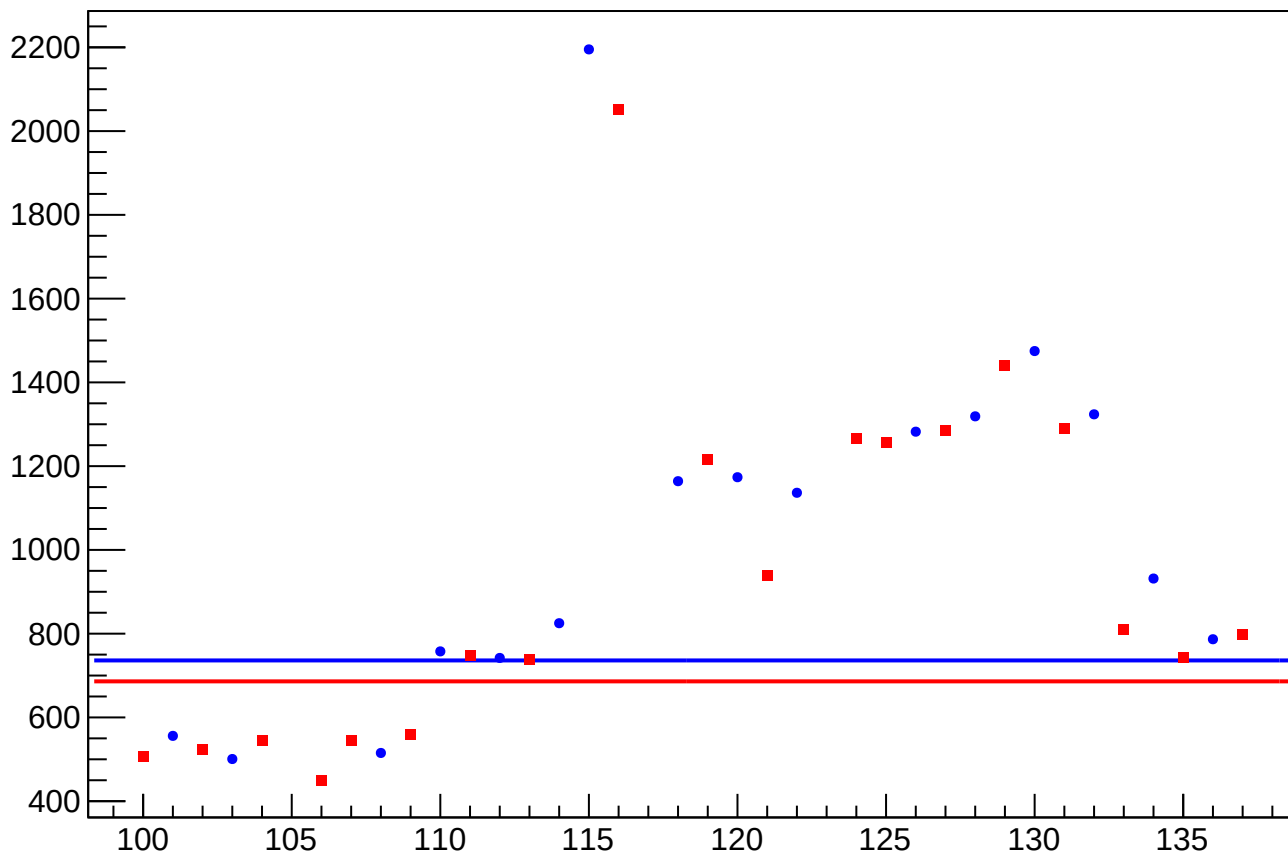
Right: 446.427 $\pm$ 198.610 χ^2 /NDF: 29.0/34

In: 286.915 $\pm$ 293.474 χ^2 /NDF:9.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 446.427 $\pm$ 198.610 χ^2 /NDF: 29.0/34

asym_sam5_reg_correction_rms vs Slug, Sign Corrected



Right In: 736.084+/-0.208 χ^2/NDF : 1844496.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 686.108+/-0.191 χ^2/NDF : 1819176.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

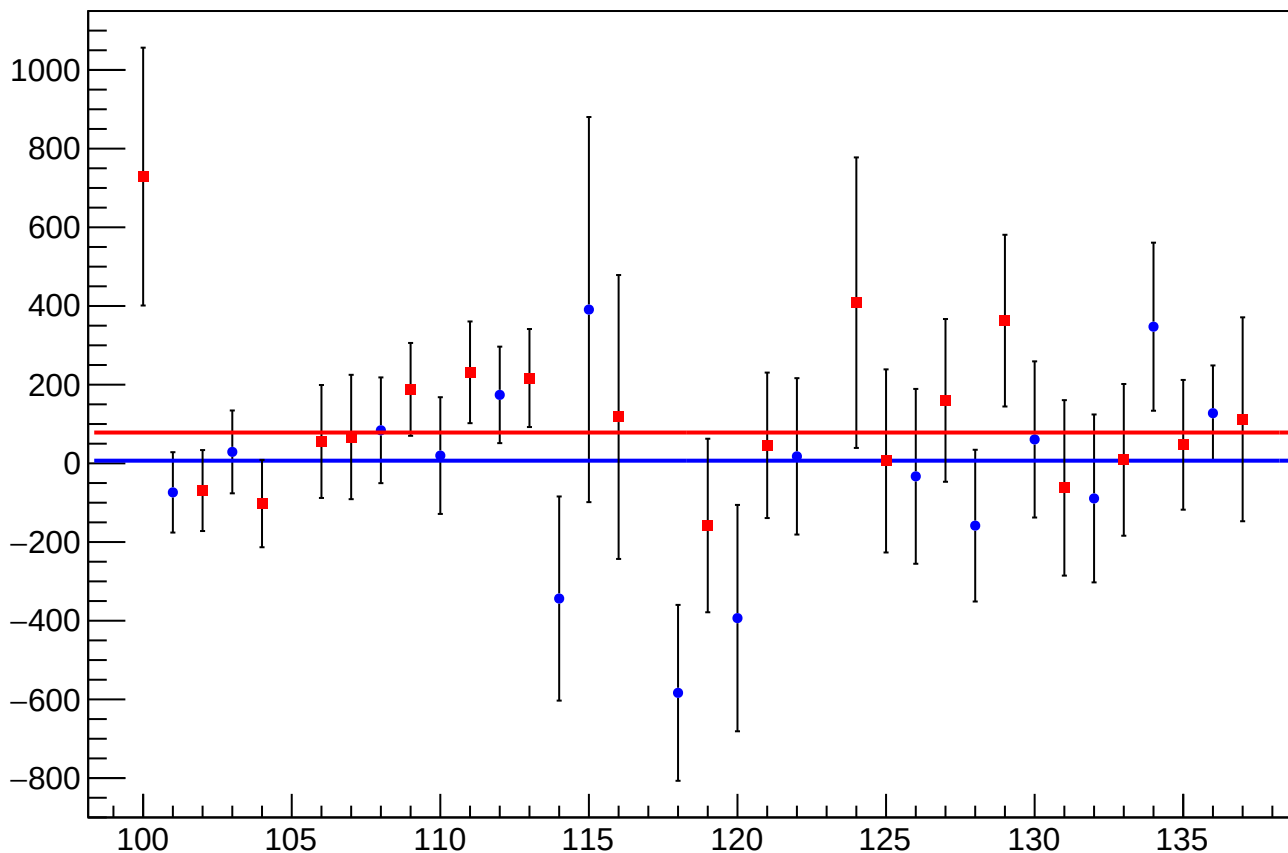
Right: 708.997+/-0.140 χ^2/NDF : 3695106.9/34

In: 736.084+/-0.208 χ^2/NDF : 1844496.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.997+/-0.140 χ^2/NDF : 3695106.9/34

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.799+/-40.353 χ^2/NDF : 18.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.347+/-37.909 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

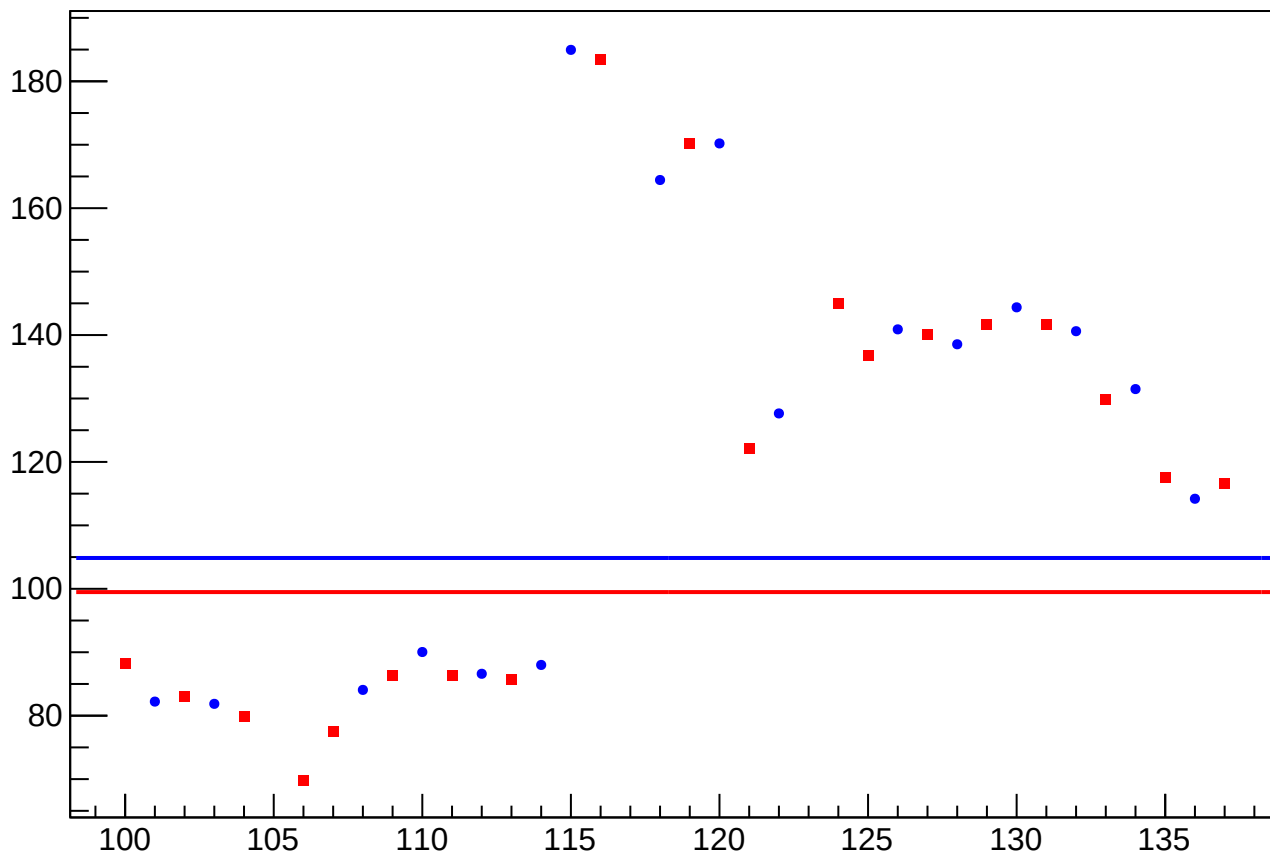
Right: 44.806+/-27.629 χ^2/NDF : 37.1/34

In: 6.799+/-40.353 χ^2/NDF : 18.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.806+/-27.629 χ^2/NDF : 37.1/34

cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.484+/-0.027 χ^2/NDF : 1041224.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

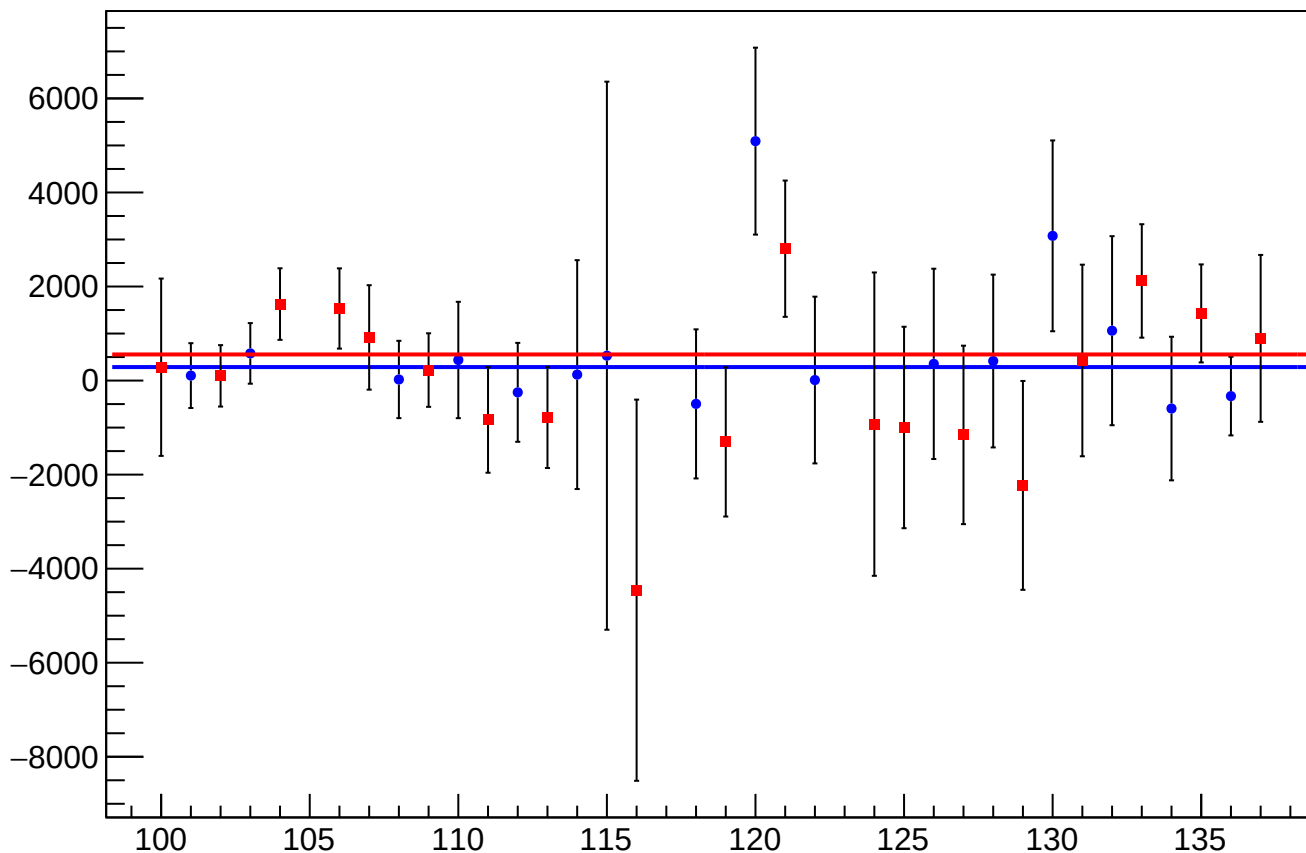
Right: 102.004+/-0.020 χ^2/NDF : 1991307.5/34

In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.004+/-0.020 χ^2/NDF : 1991307.5/34

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 286.918 $\pm$ 293.473 χ^2 /NDF: 9.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.436 $\pm$ 269.953 χ^2 /NDF: 18.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

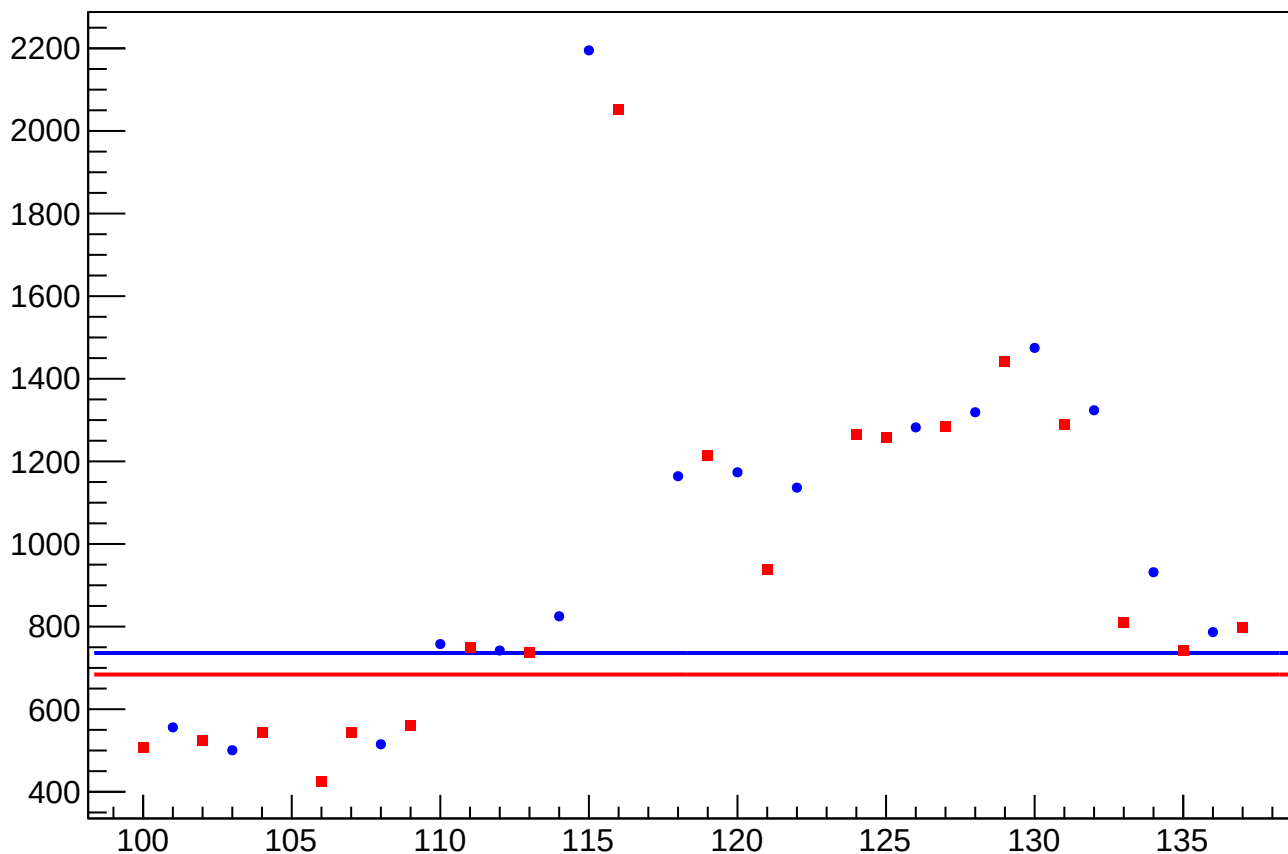
Right: 432.367 $\pm$ 198.681 χ^2 /NDF: 28.2/34

In: 286.918 $\pm$ 293.473 χ^2 /NDF:9.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.367 $\pm$ 198.681 χ^2 /NDF: 28.2/34

asym_sam5_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.981+/-0.191 χ^2/NDF : 1850402.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

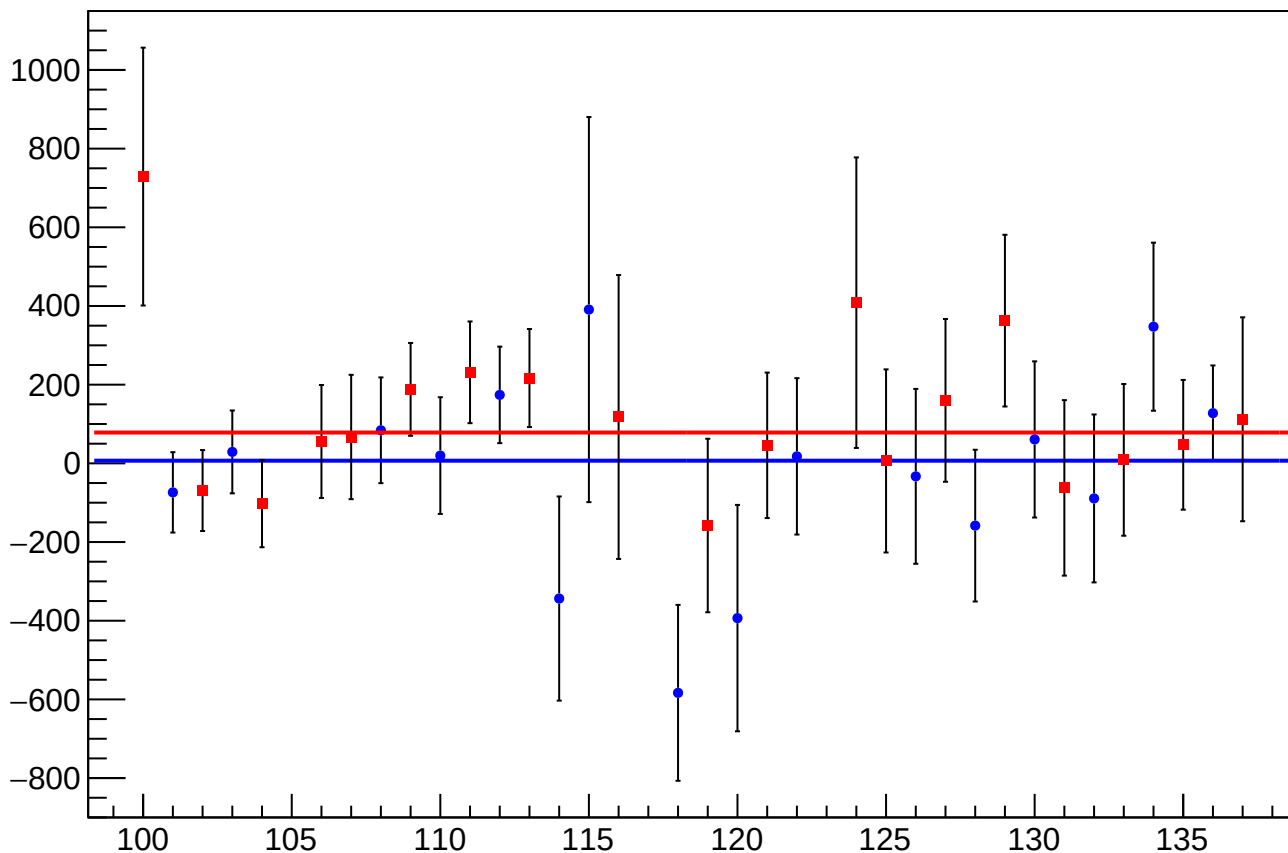
Right: 707.861+/-0.140 χ^2/NDF : 3729047.2/34

In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.861+/-0.140 χ^2/NDF : 3729047.2/34

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.799+/-40.353 χ^2/NDF : 18.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.347+/-37.909 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

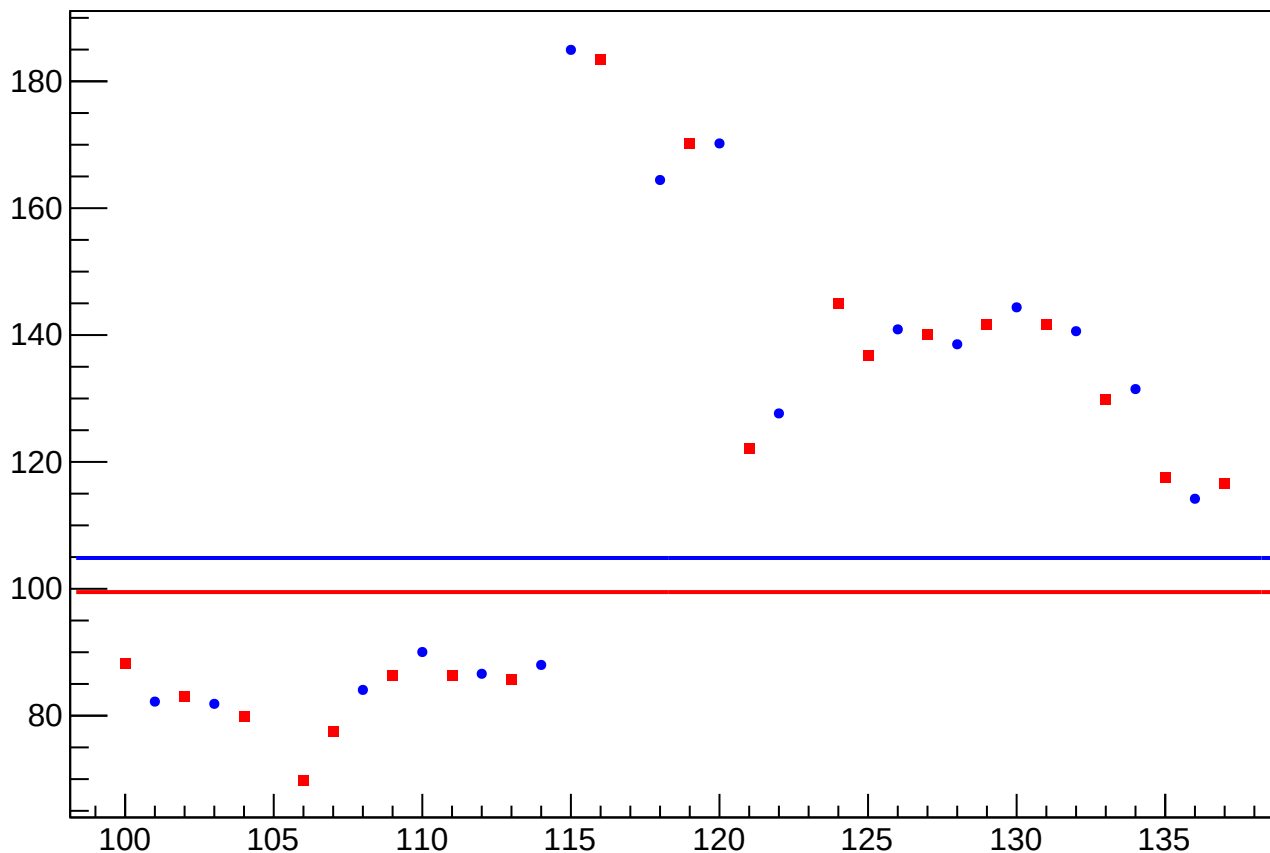
Right: 44.806+/-27.629 χ^2/NDF : 37.1/34

In: 6.799+/-40.353 χ^2/NDF : 18.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.806+/-27.629 χ^2/NDF : 37.1/34

eigen_cor_asym_sam5_rms vs Slug, Sign Corrected



Right In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.484+/-0.027 χ^2/NDF : 1041224.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

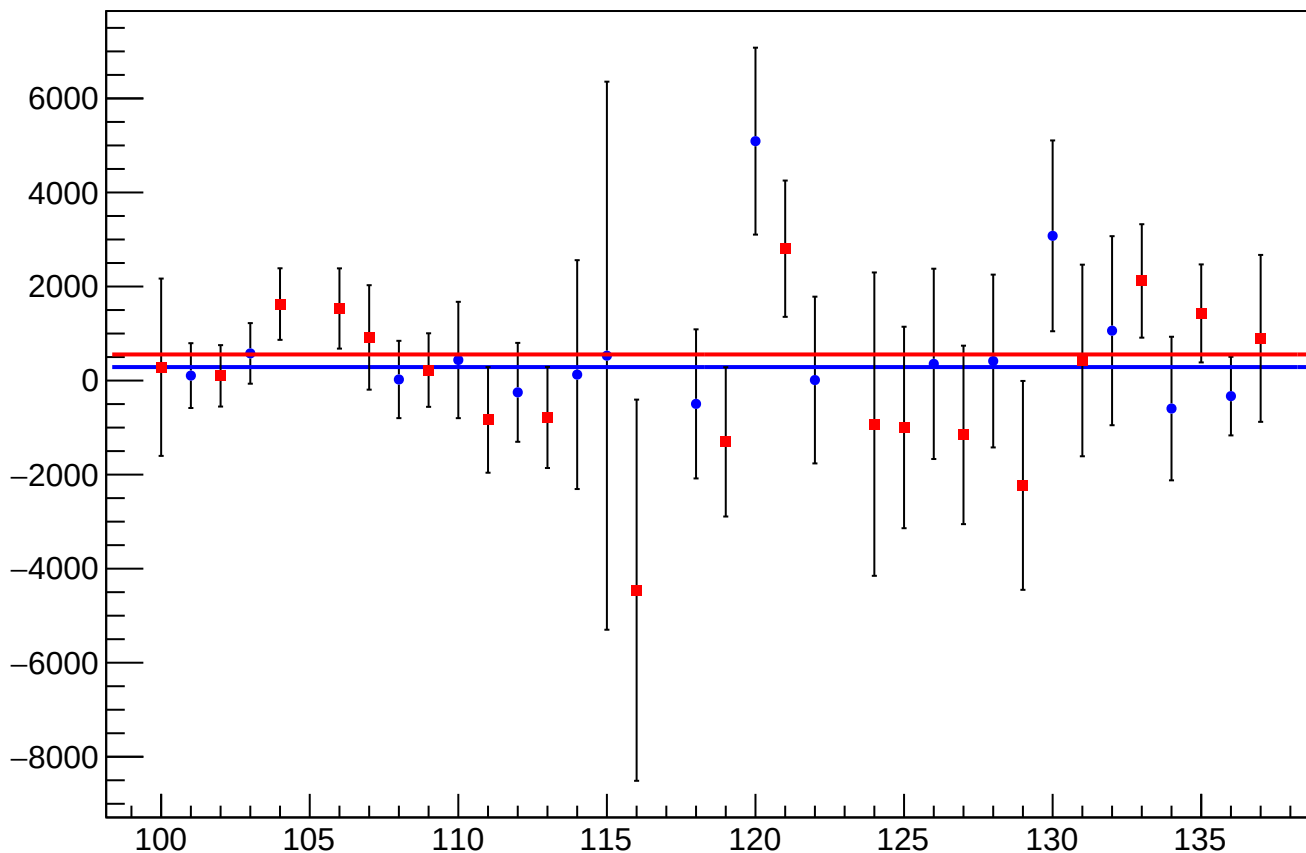
Right: 102.004+/-0.020 χ^2/NDF : 1991307.5/34

In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.004+/-0.020 χ^2/NDF : 1991307.5/34

asym_sam5_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 286.918 $\pm$ 293.473 χ^2 /NDF: 9.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 555.436 $\pm$ 269.953 χ^2 /NDF: 18.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

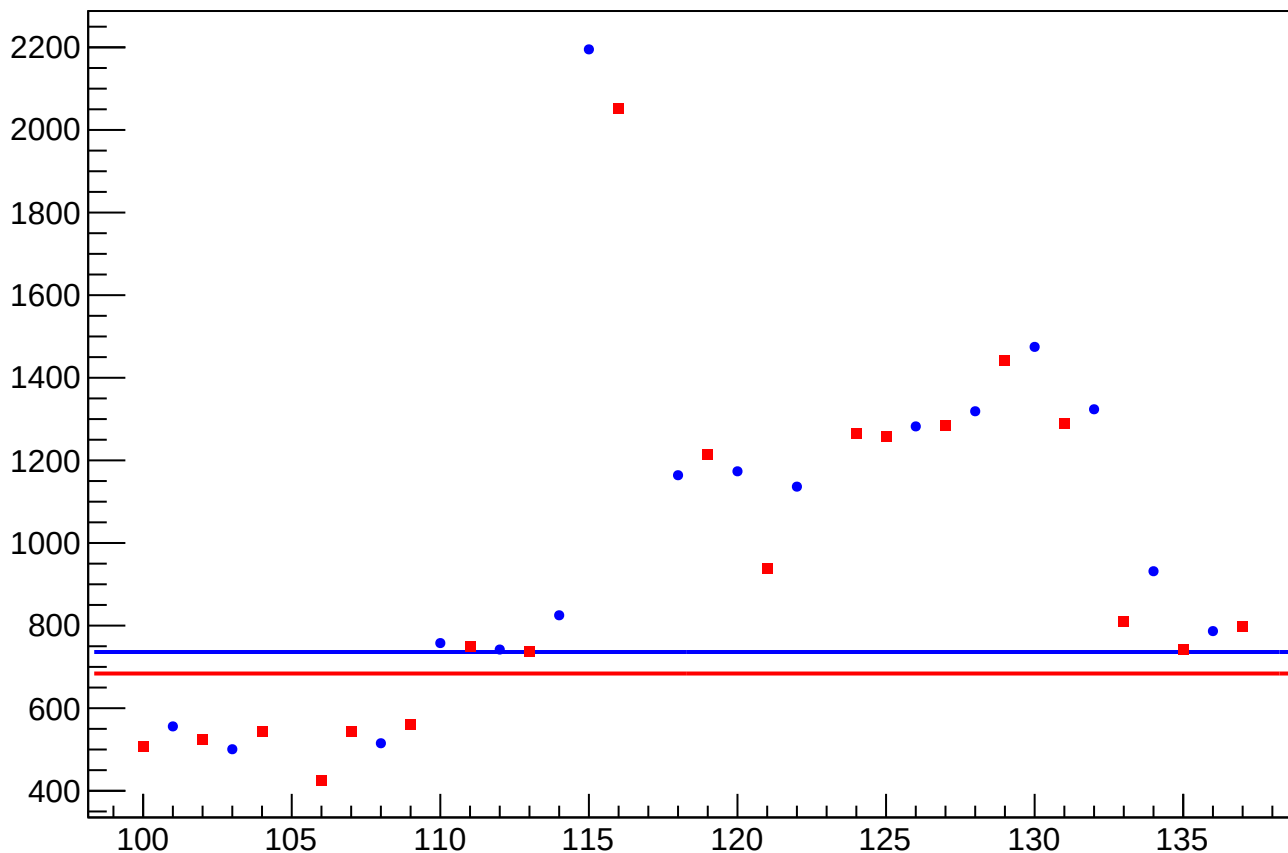
Right: 432.367 $\pm$ 198.681 χ^2 /NDF: 28.2/34

In: 286.918 $\pm$ 293.473 χ^2 /NDF:9.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 432.367 $\pm$ 198.681 χ^2 /NDF: 28.2/34

asym_sam5_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 683.981+/-0.191 χ^2/NDF : 1850402.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

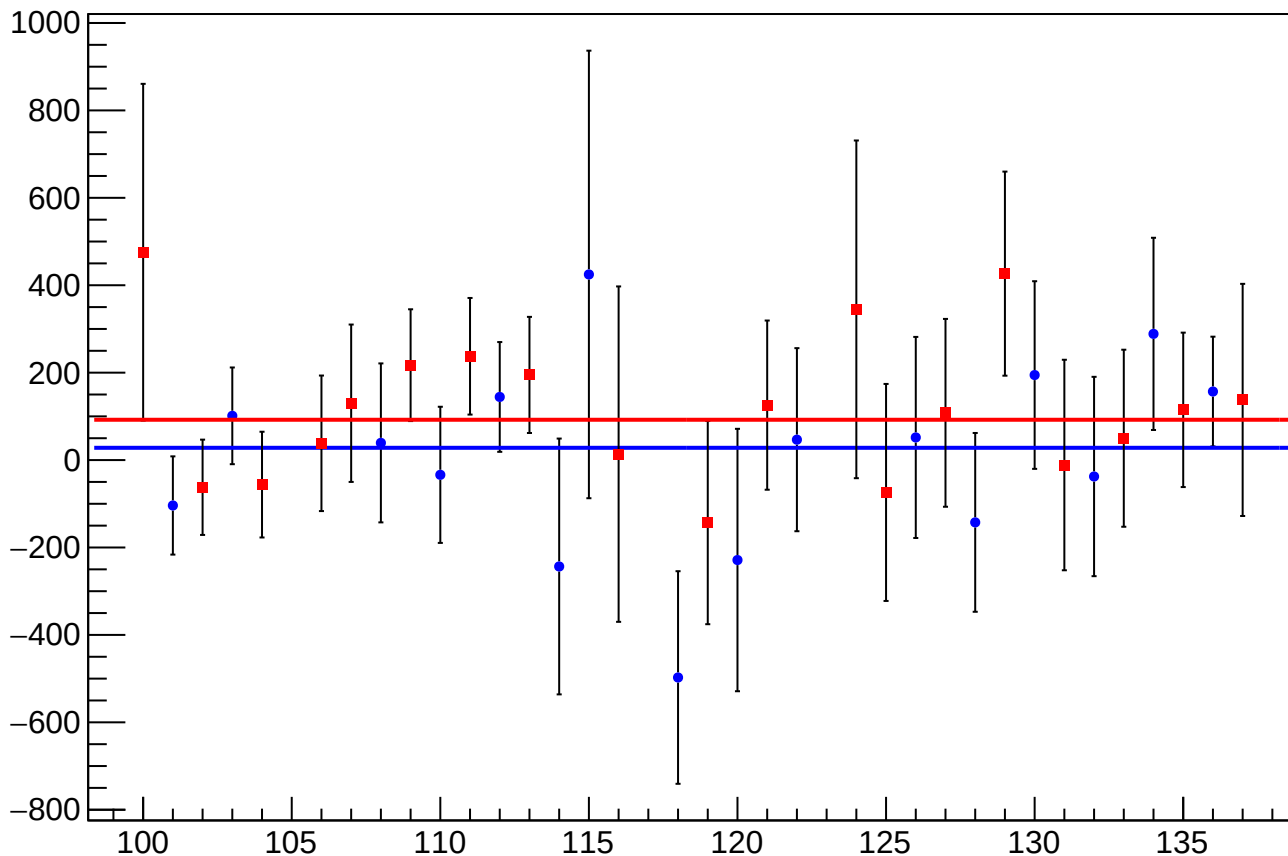
Right: 707.861+/-0.140 χ^2/NDF : 3729047.2/34

In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.861+/-0.140 χ^2/NDF : 3729047.2/34

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 28.094 $\pm$ 43.439 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 92.247 $\pm$ 40.539 χ^2 /NDF: 11.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

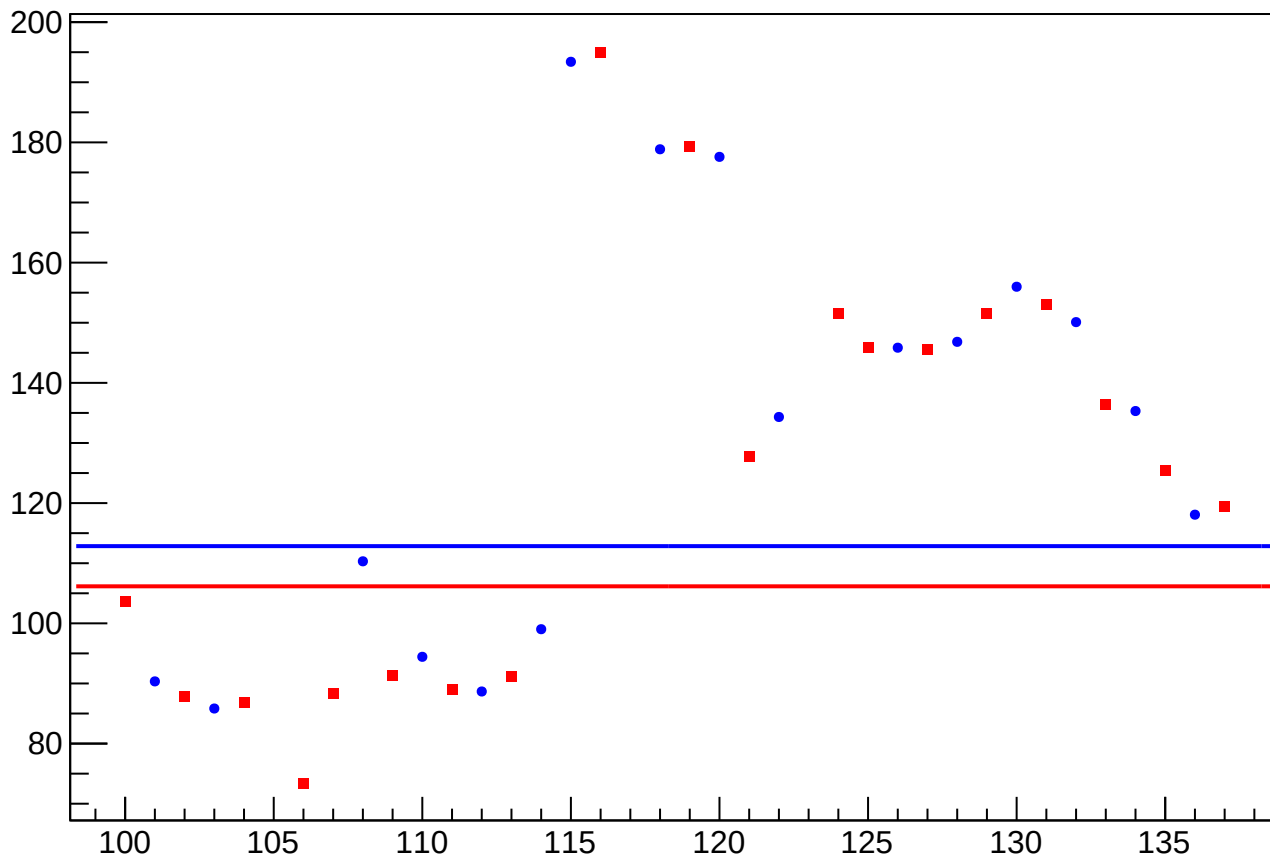
Right: 62.383 $\pm$ 29.638 χ^2 /NDF: 26.4/34

In: 28.094 $\pm$ 43.439 χ^2 /NDF:13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.383 $\pm$ 29.638 χ^2 /NDF: 26.4/34

dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 112.843+/-0.031 χ^2/NDF : 872225.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.159+/-0.029 χ^2/NDF : 1002148.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

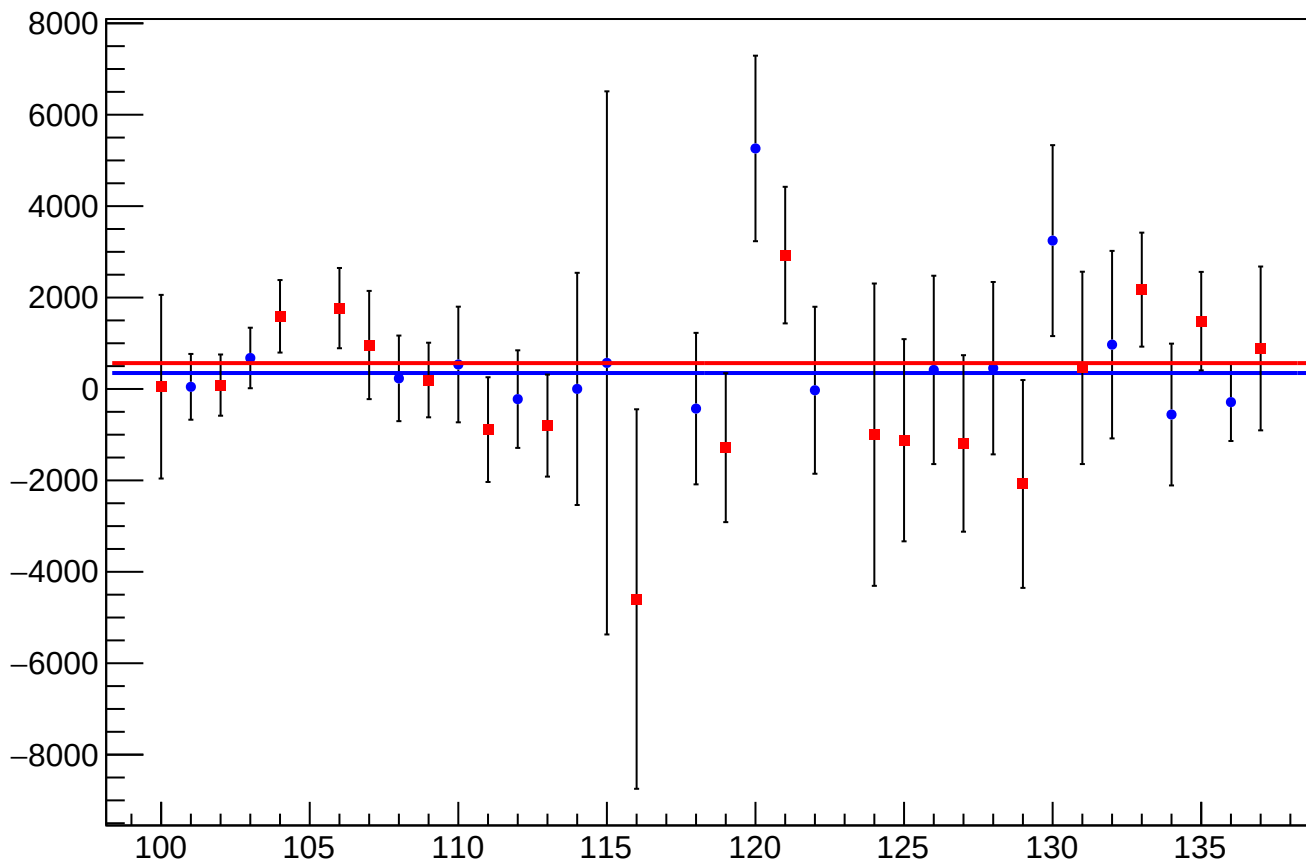
Right: 109.270+/-0.021 χ^2/NDF : 1899683.8/34

In: 112.843+/-0.031 χ^2/NDF : 872225.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.270+/-0.021 χ^2/NDF : 1899683.8/34

asym_sam5_dit_correction_mean vs Slug, Sign Corrected



Right In: 349.112 $\pm$ 305.328 χ^2 /NDF: 9.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 566.026 $\pm$ 279.219 χ^2 /NDF: 18.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

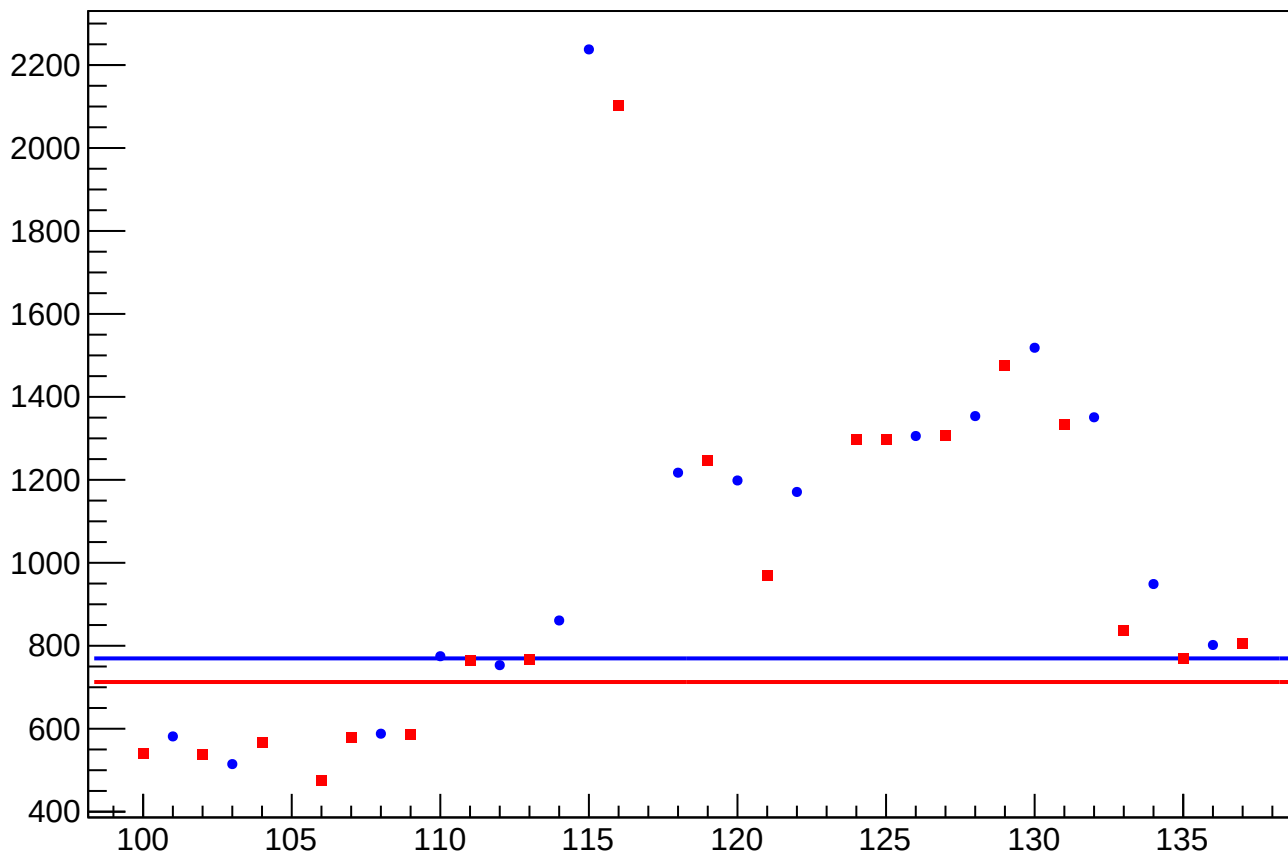
Right: 467.239 $\pm$ 206.051 χ^2 /NDF: 28.4/34

In: 349.112 $\pm$ 305.328 χ^2 /NDF:9.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 467.239 $\pm$ 206.051 χ^2 /NDF: 28.4/34

asym_sam5_dit_correction_rms vs Slug, Sign Corrected



Right In: 769.557+/-0.216 χ^2/NDF : 1739937.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 712.628+/-0.197 χ^2/NDF : 1767226.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

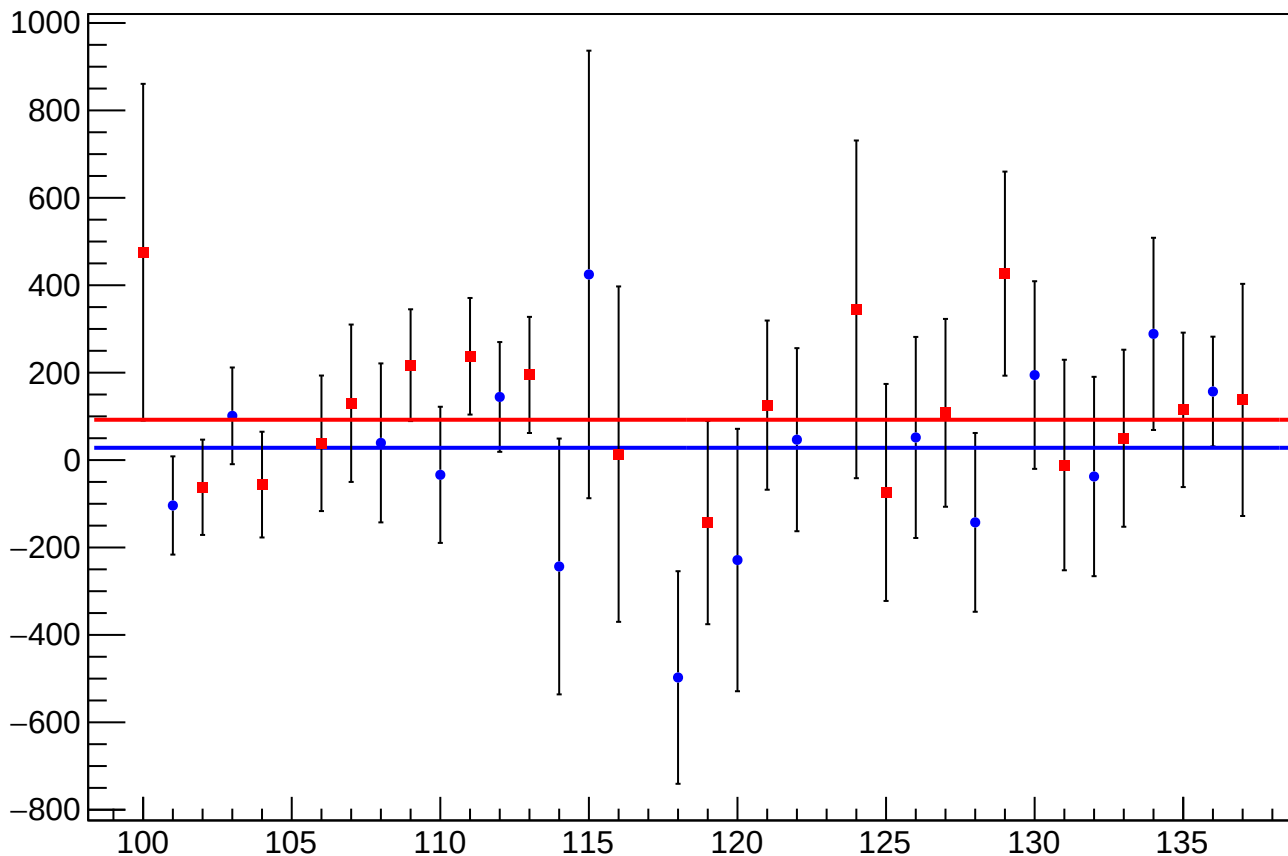
Right: 738.555+/-0.146 χ^2/NDF : 3545027.5/34

In: 769.557+/-0.216 χ^2/NDF : 1739937.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.555+/-0.146 χ^2/NDF : 3545027.5/34

eigen_dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 28.093+/-43.439 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.247+/-40.539 χ^2/NDF : 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

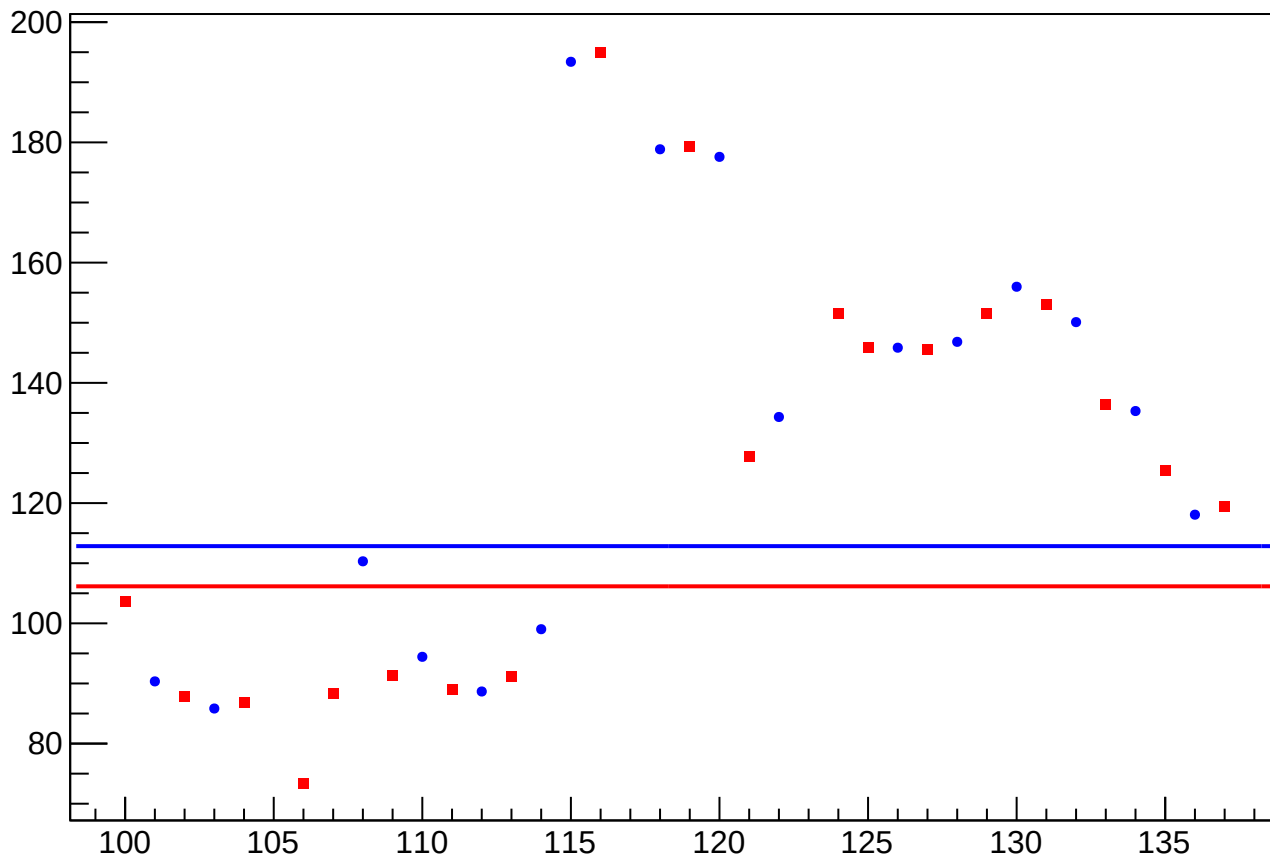
Right: 62.383+/-29.637 χ^2/NDF : 26.4/34

In: 28.093+/-43.439 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.383+/-29.637 χ^2/NDF : 26.4/34

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 112.842 $\pm$ 0.031 χ^2 /NDF: 872219.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 106.158 $\pm$ 0.029 χ^2 /NDF: 1002136.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

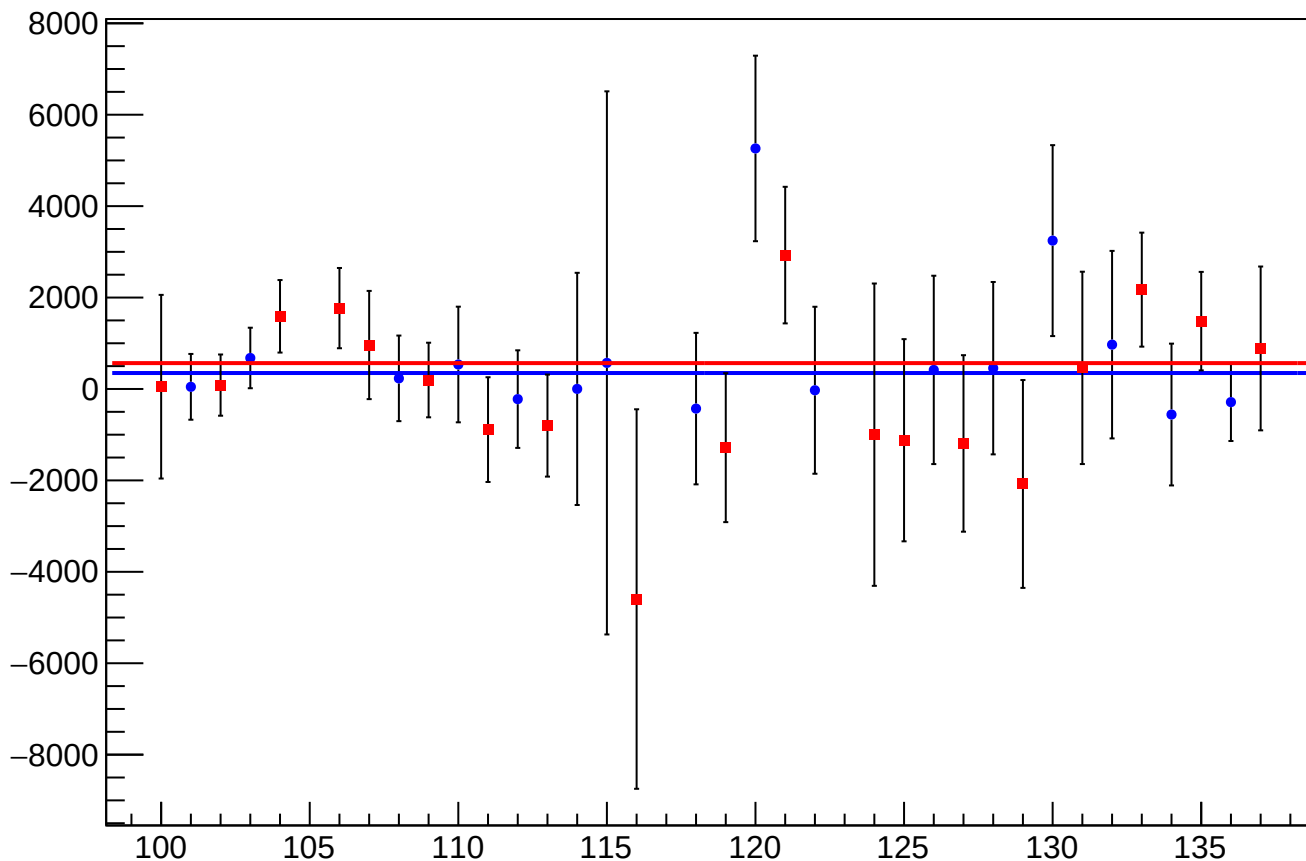
Right: 109.270 $\pm$ 0.021 χ^2 /NDF: 1899665.6/34

In: 112.842 $\pm$ 0.031 χ^2 /NDF:872219.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.270 $\pm$ 0.021 χ^2 /NDF: 1899665.6/34

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 349.111 $\pm$ 305.328 χ^2 /NDF: 9.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 566.026 $\pm$ 279.218 χ^2 /NDF: 18.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

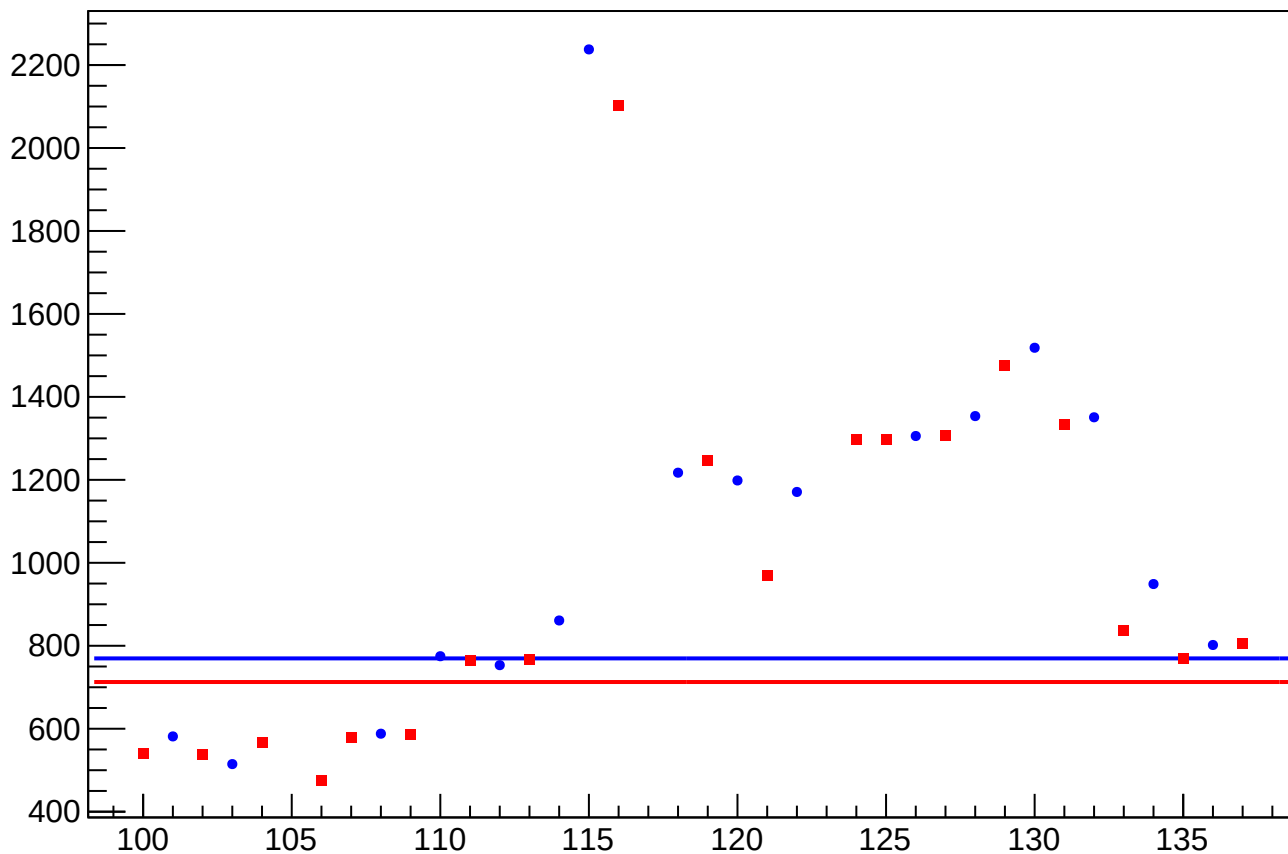
Right: 467.238 $\pm$ 206.050 χ^2 /NDF: 28.4/34

In: 349.111 $\pm$ 305.328 χ^2 /NDF:9.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 467.238 $\pm$ 206.050 χ^2 /NDF: 28.4/34

asym_sam5_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 769.556+/-0.216 χ^2/NDF : 1739933.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 712.627+/-0.197 χ^2/NDF : 1767219.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

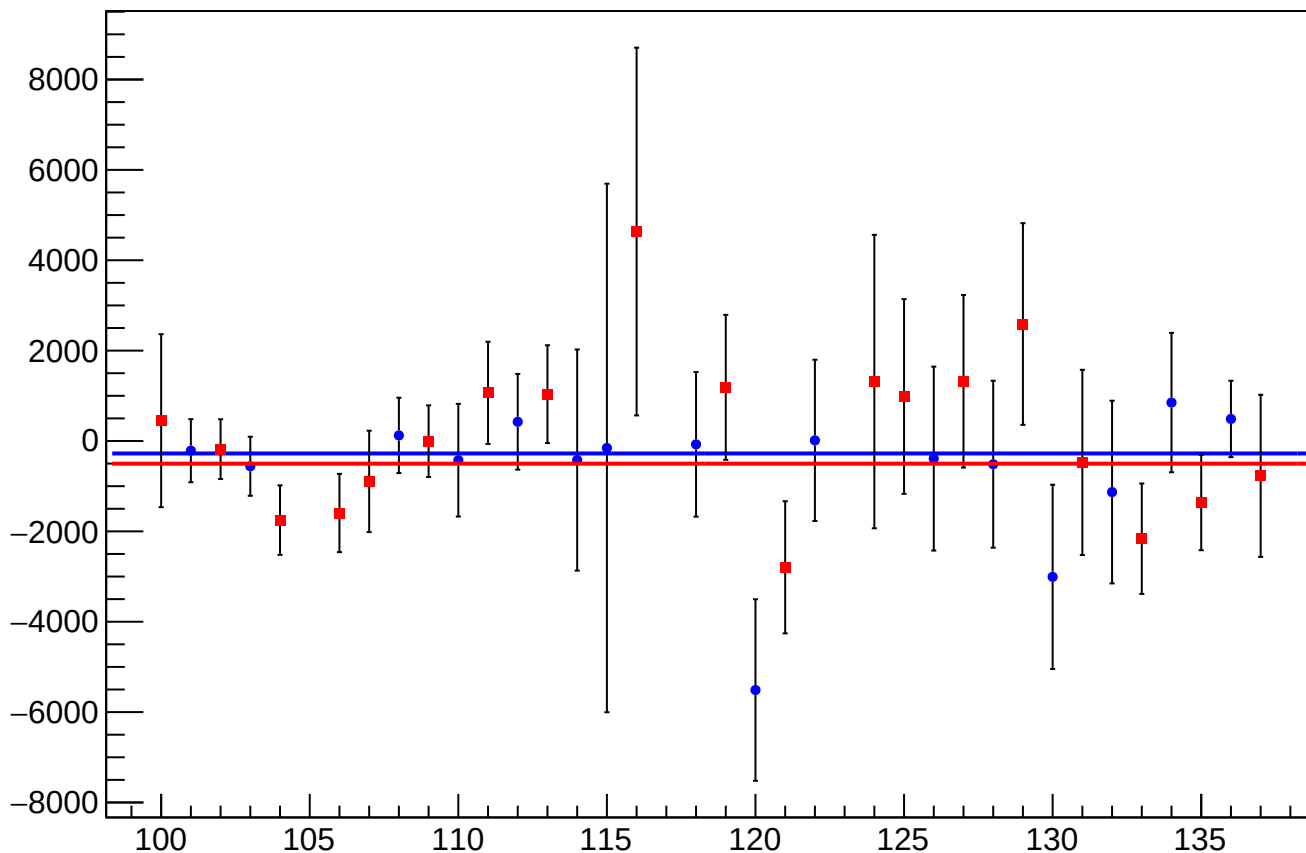
Right: 738.554+/-0.146 χ^2/NDF : 3545017.2/34

In: 769.556+/-0.216 χ^2/NDF : 1739933.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 738.554+/-0.146 χ^2/NDF : 3545017.2/34

asym_sam5_mean vs Slug, Sign Corrected



Right In: -276.199+/-296.708 χ^2/NDF : 11.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -501.985+/-272.991 χ^2/NDF : 20.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

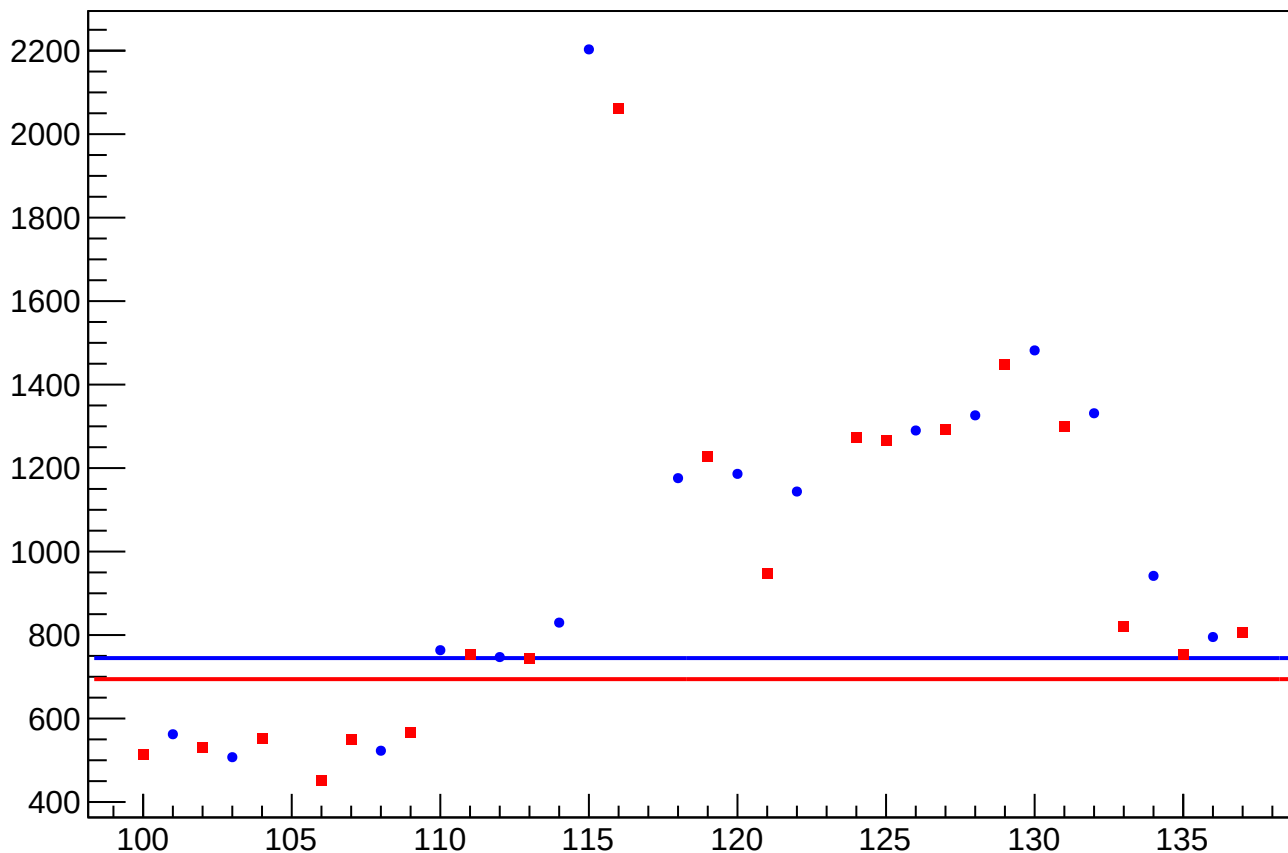
Right: -398.475+/-200.896 χ^2/NDF : 31.9/34

In: -276.199+/-296.708 χ^2/NDF : 11.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -398.475+/-200.896 χ^2/NDF : 31.9/34

asym_sam5_rms vs Slug, Sign Corrected



Right In: 744.783+/-0.210 χ^2/NDF : 1822553.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.348+/-0.193 χ^2/NDF : 1803741.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

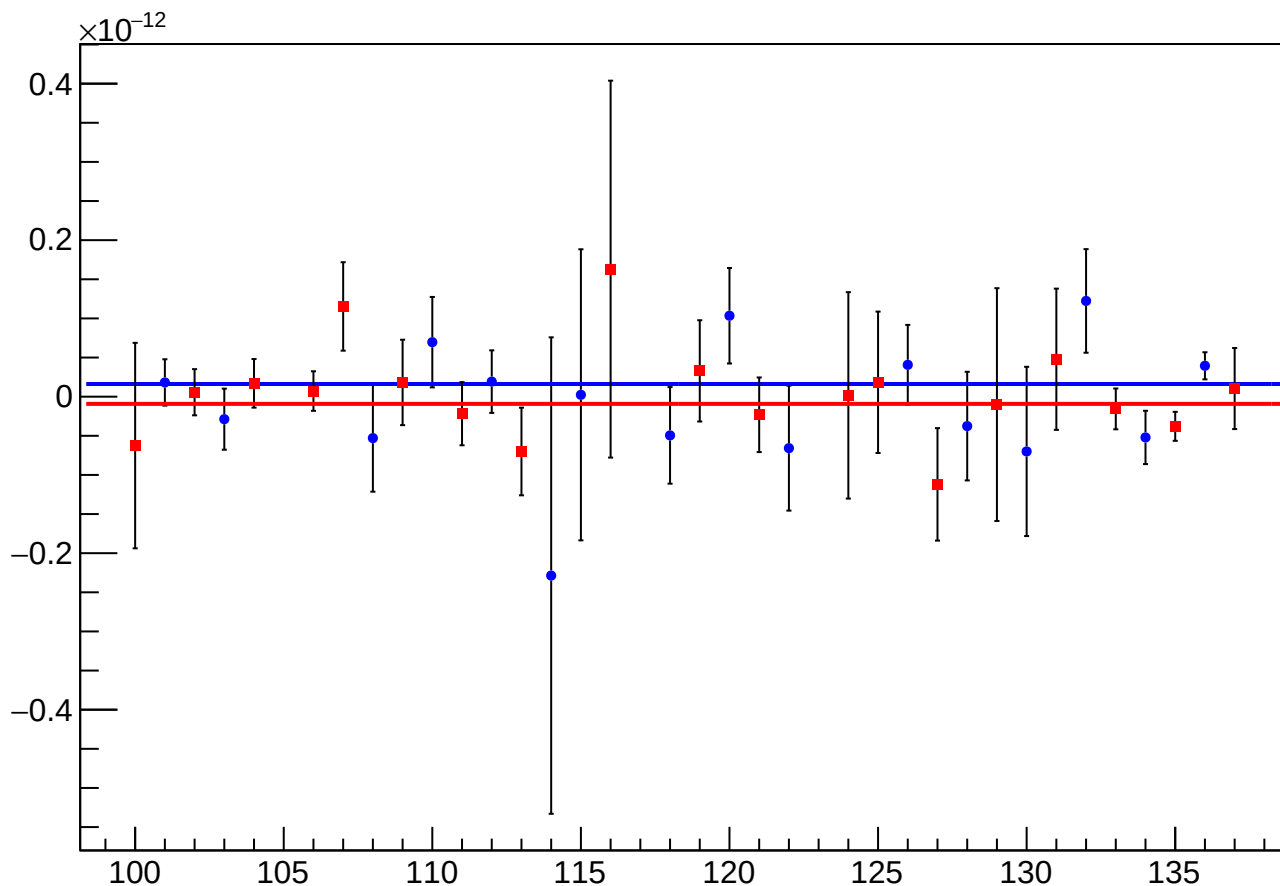
Right: 717.469+/-0.142 χ^2/NDF : 3657590.2/34

In: 744.783+/-0.210 χ^2/NDF : 1822553.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.469+/-0.142 χ^2/NDF : 3657590.2/34

asym_sam5_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

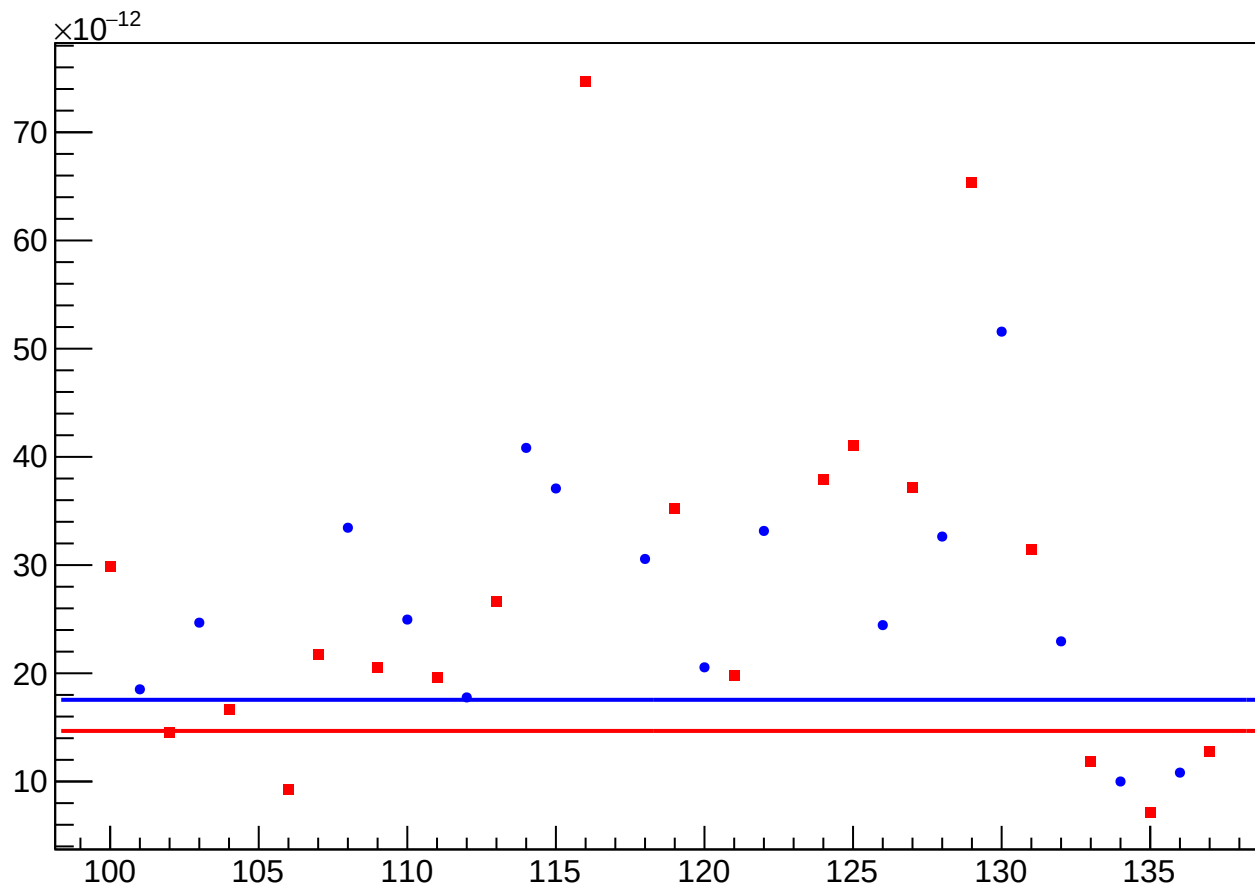
Right: 0.000+/-0.000 χ^2/NDF : 35.3/34

In: 0.000+/-0.000 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.3/34

asym_sam5_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1156509.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1741597.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

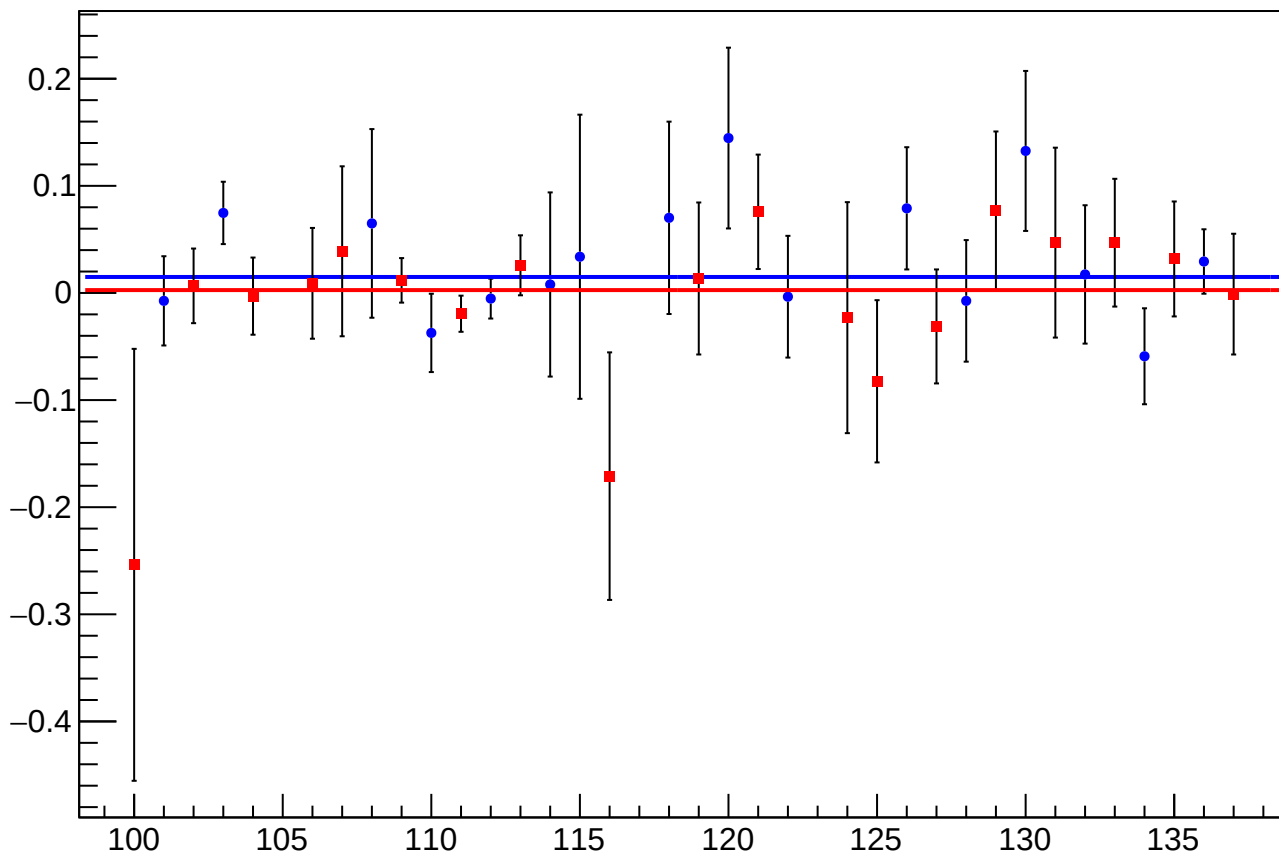
Right: 0.000+/-0.000 χ^2/NDF : 2980076.4/34

In: 0.000+/-0.000 χ^2/NDF : 1156509.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2980076.4/34

asym_sam5_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.009 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

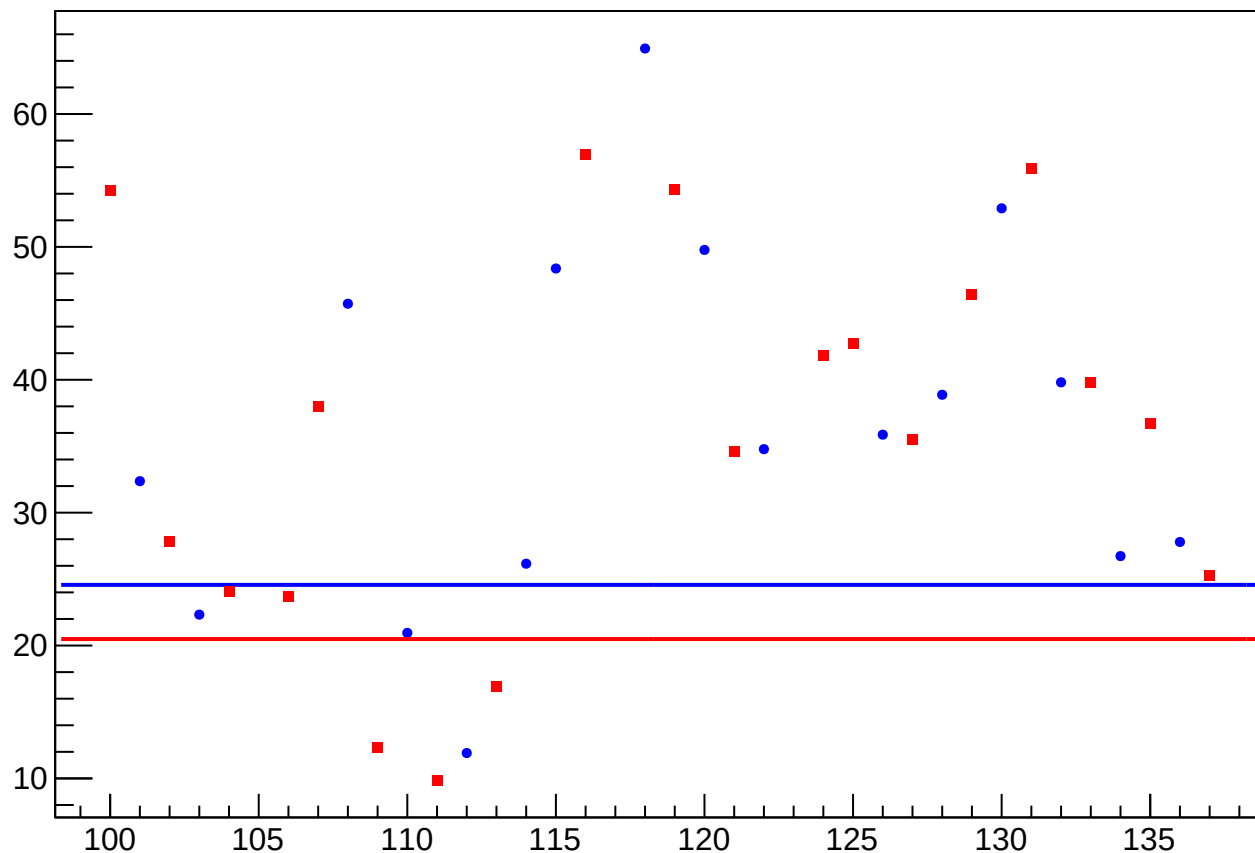
Right: 0.008+/-0.007 χ^2/NDF : 31.0/34

In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 31.0/34

asym_sam5_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.566+/-0.007 χ^2/NDF : 2484530.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.488+/-0.007 χ^2/NDF : 3583938.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

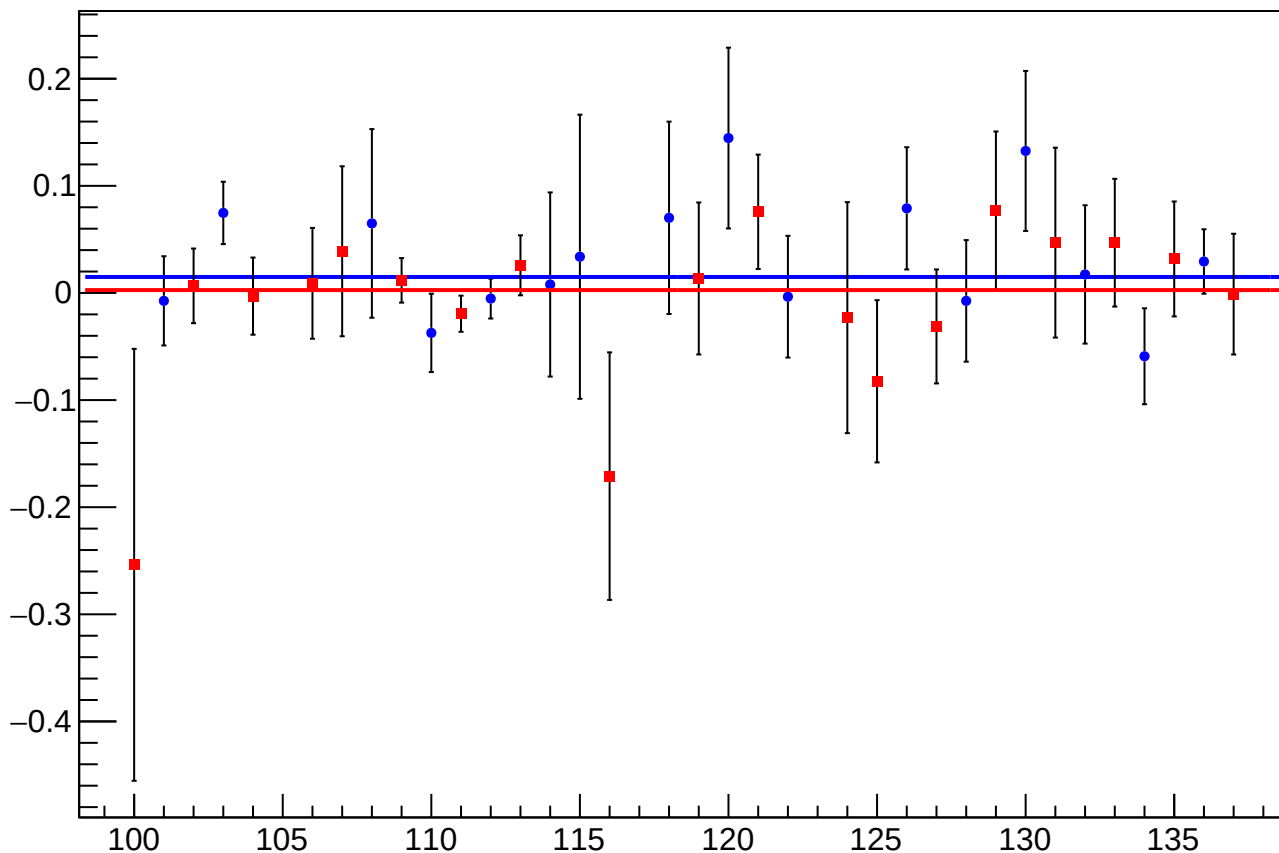
Right: 22.248+/-0.005 χ^2/NDF : 6237147.6/34

In: 24.566+/-0.007 χ^2/NDF : 2484530.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.248+/-0.005 χ^2/NDF : 6237147.6/34

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.009 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

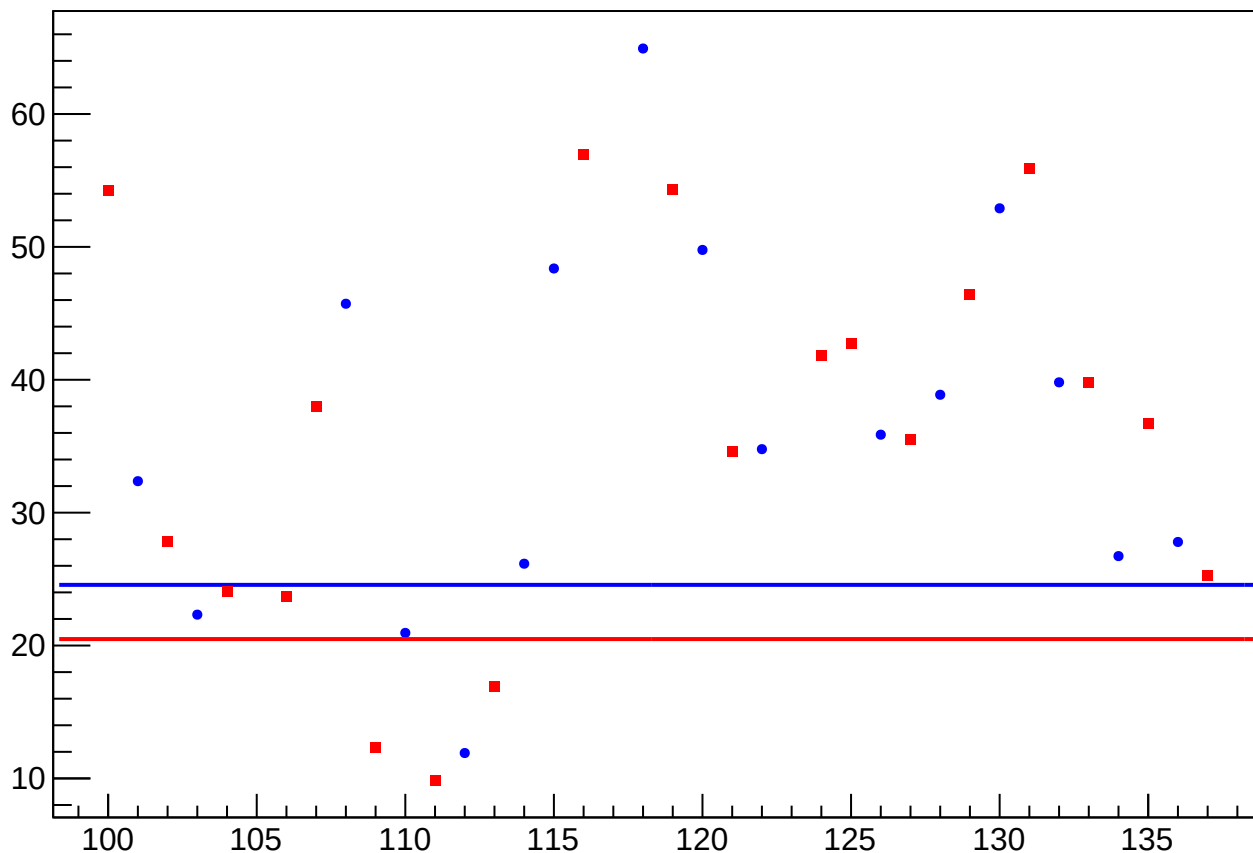
Right: 0.008+/-0.007 χ^2/NDF : 31.0/34

In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 31.0/34

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.566+/-0.007 χ^2/NDF : 2484530.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 20.488+/-0.007 χ^2/NDF : 3583938.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

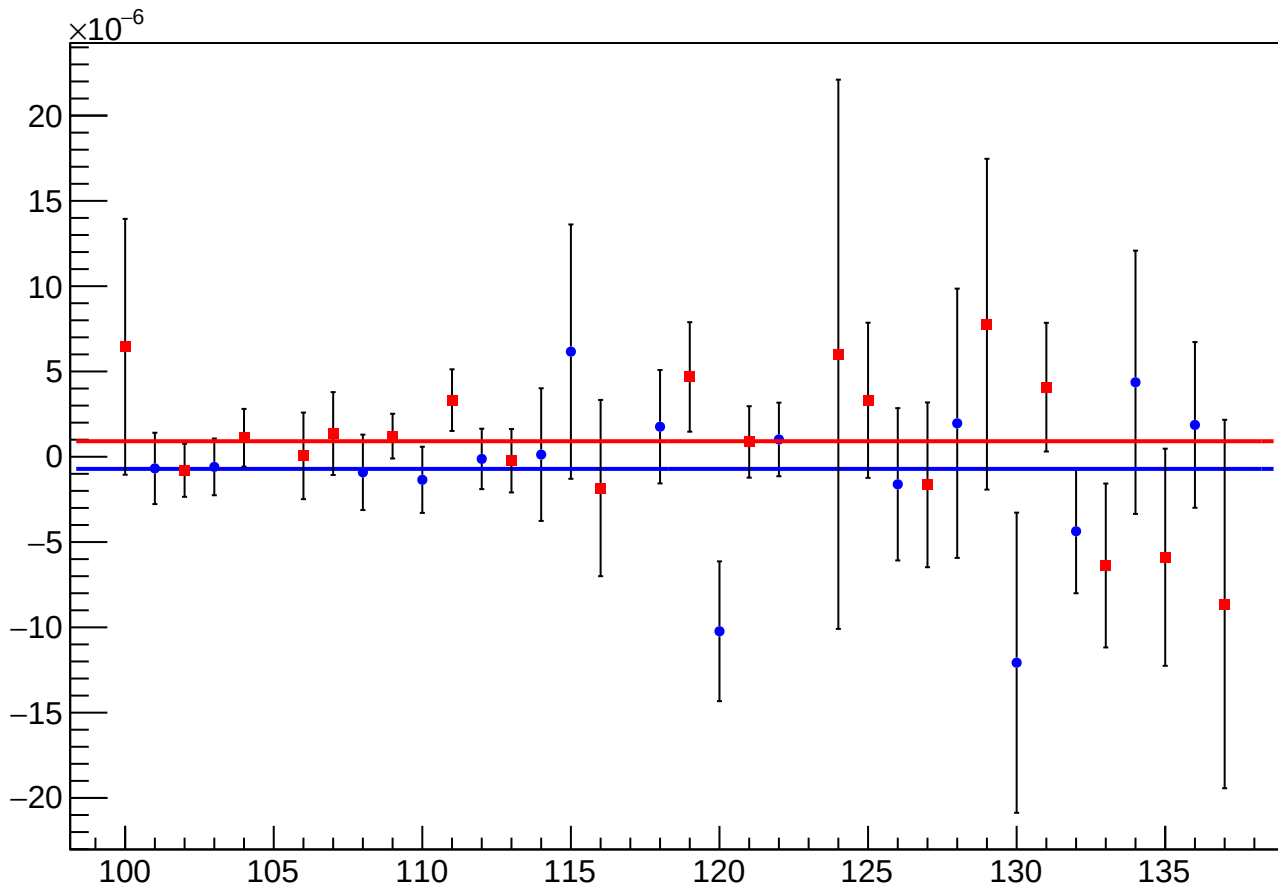
Right: 22.248+/-0.005 χ^2/NDF : 6237147.6/34

In: 24.566+/-0.007 χ^2/NDF :2484530.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.248+/-0.005 χ^2/NDF : 6237147.6/34

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 11.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

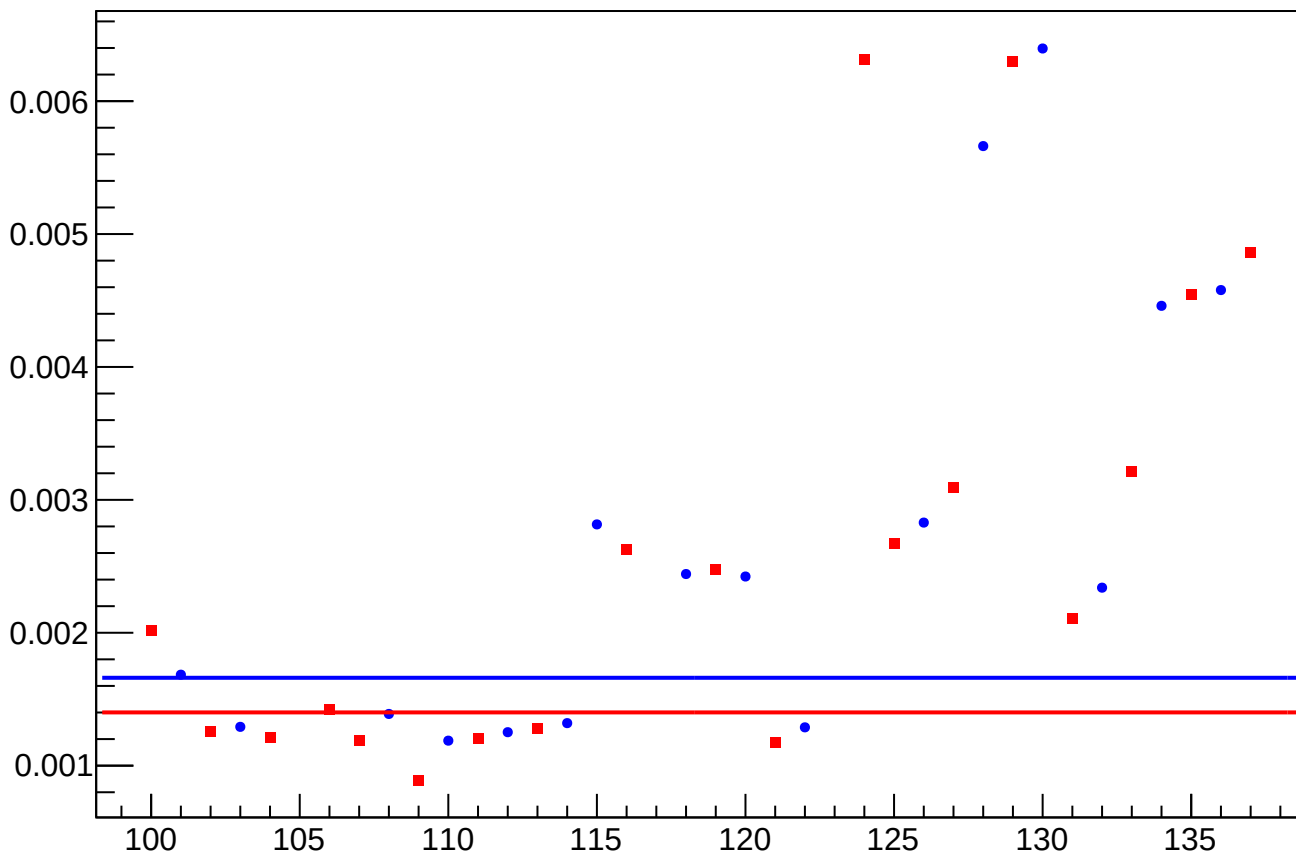
Right: 0.000 ± 0.000 χ^2/NDF : 26.3/34

In: -0.000 ± 0.000 χ^2/NDF : 11.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 26.3/34

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2942035.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2915624.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

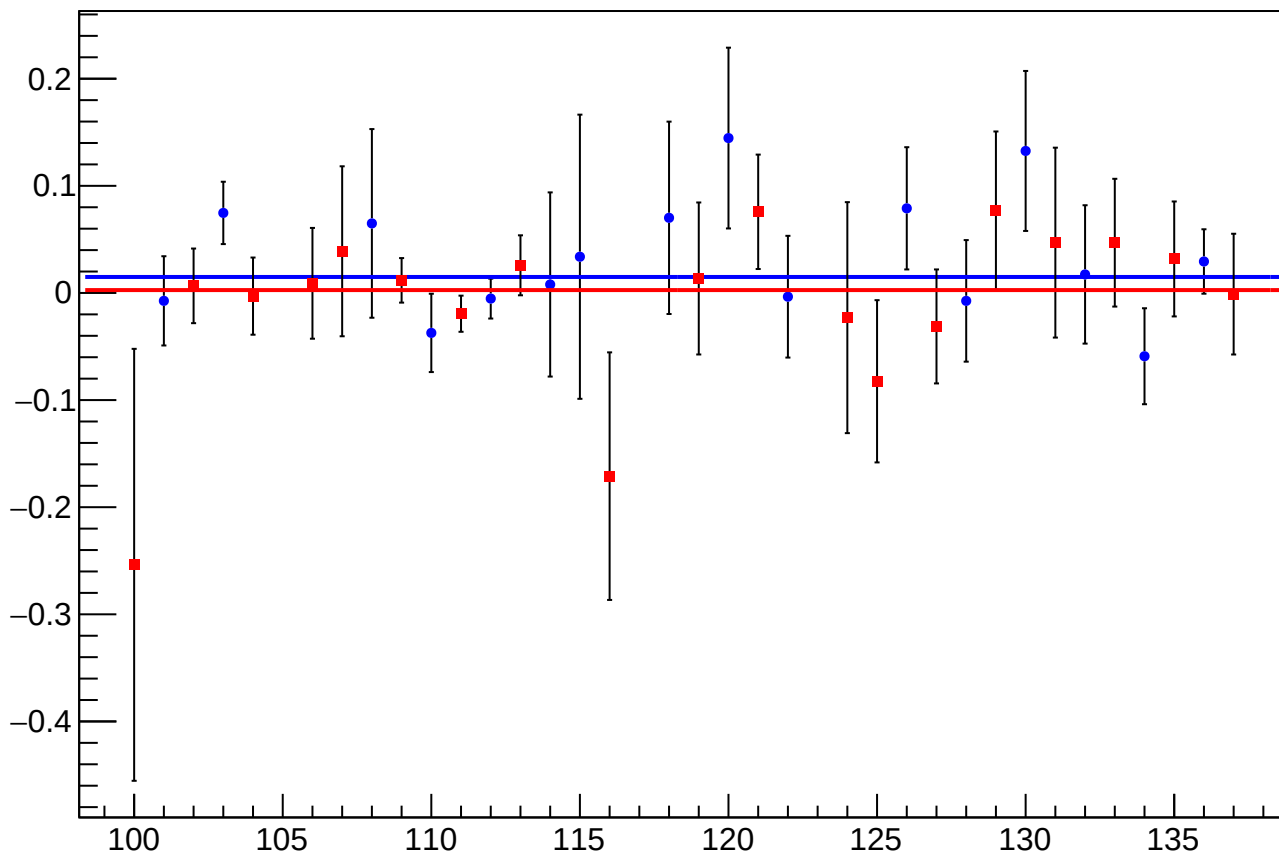
Right: 0.002+/-0.000 χ^2/NDF : 6020323.5/34

In: 0.002+/-0.000 χ^2/NDF :2942035.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6020323.5/34

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.009 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

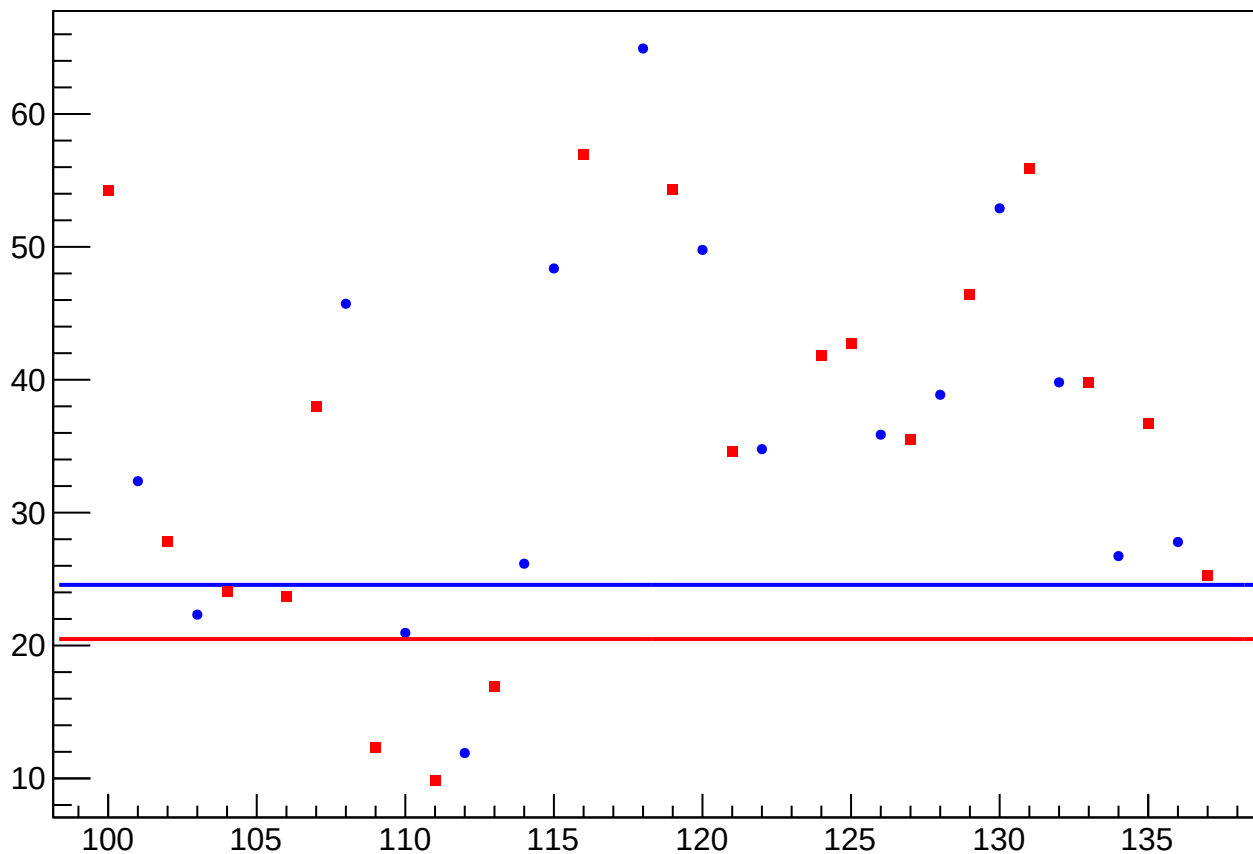
Right: 0.008+/-0.007 χ^2/NDF : 31.0/34

In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 31.0/34

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.487+/-0.007 χ^2/NDF : 3583888.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

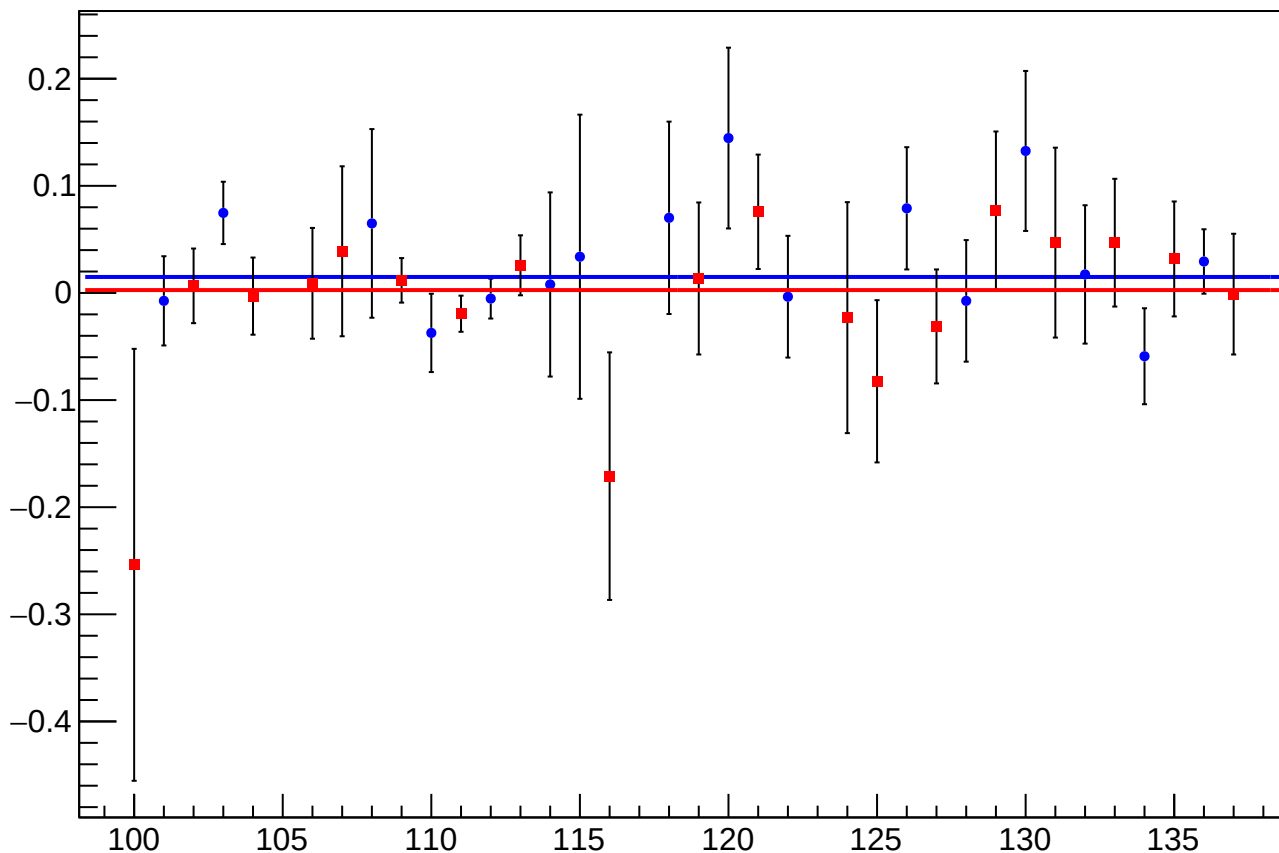
Right: 22.247+/-0.005 χ^2/NDF : 6237010.7/34

In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.247+/-0.005 χ^2/NDF : 6237010.7/34

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.009 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

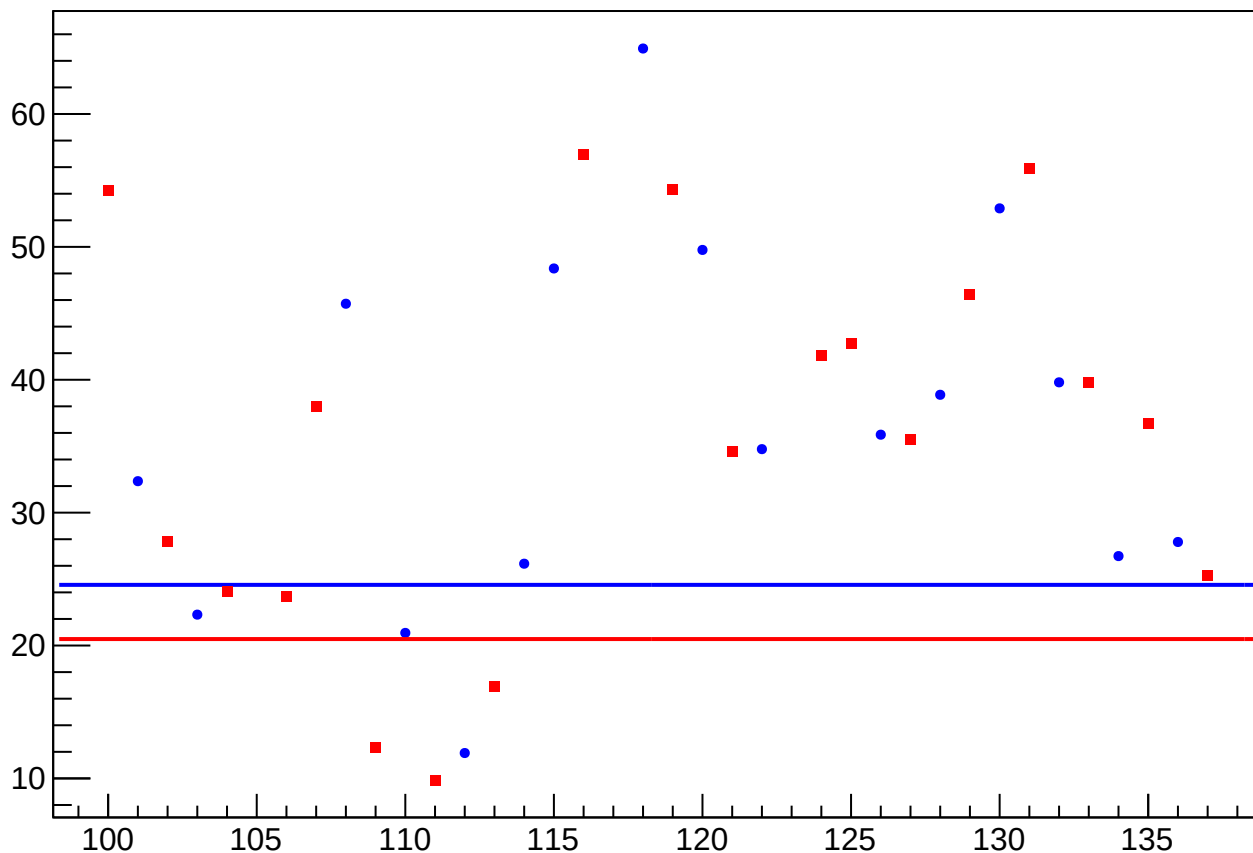
Right: 0.008+/-0.007 χ^2/NDF : 31.0/34

In: 0.015+/-0.011 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.007 χ^2/NDF : 31.0/34

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.487+/-0.007 χ^2/NDF : 3583888.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

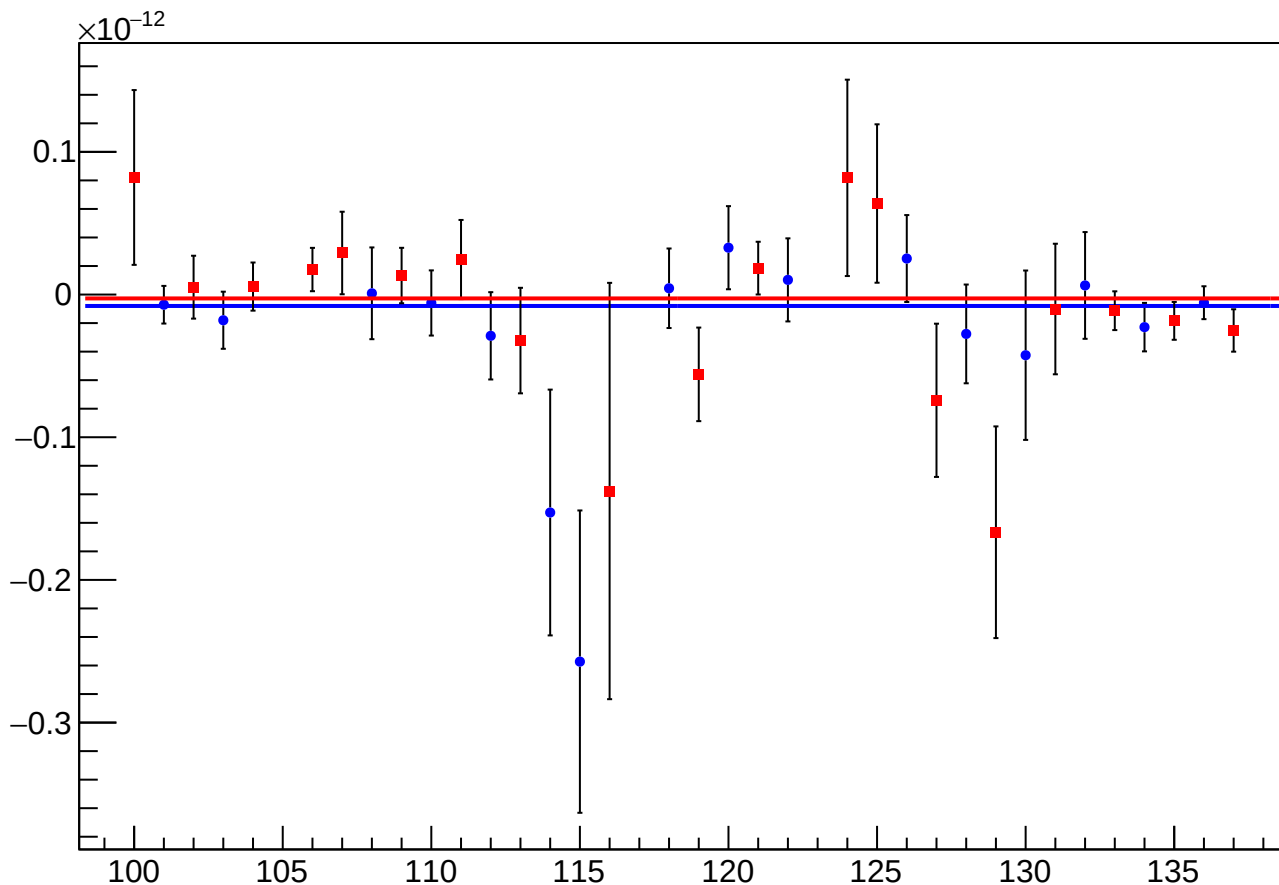
Right: 22.247+/-0.005 χ^2/NDF : 6237010.7/34

In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.247+/-0.005 χ^2/NDF : 6237010.7/34

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 14.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 26.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

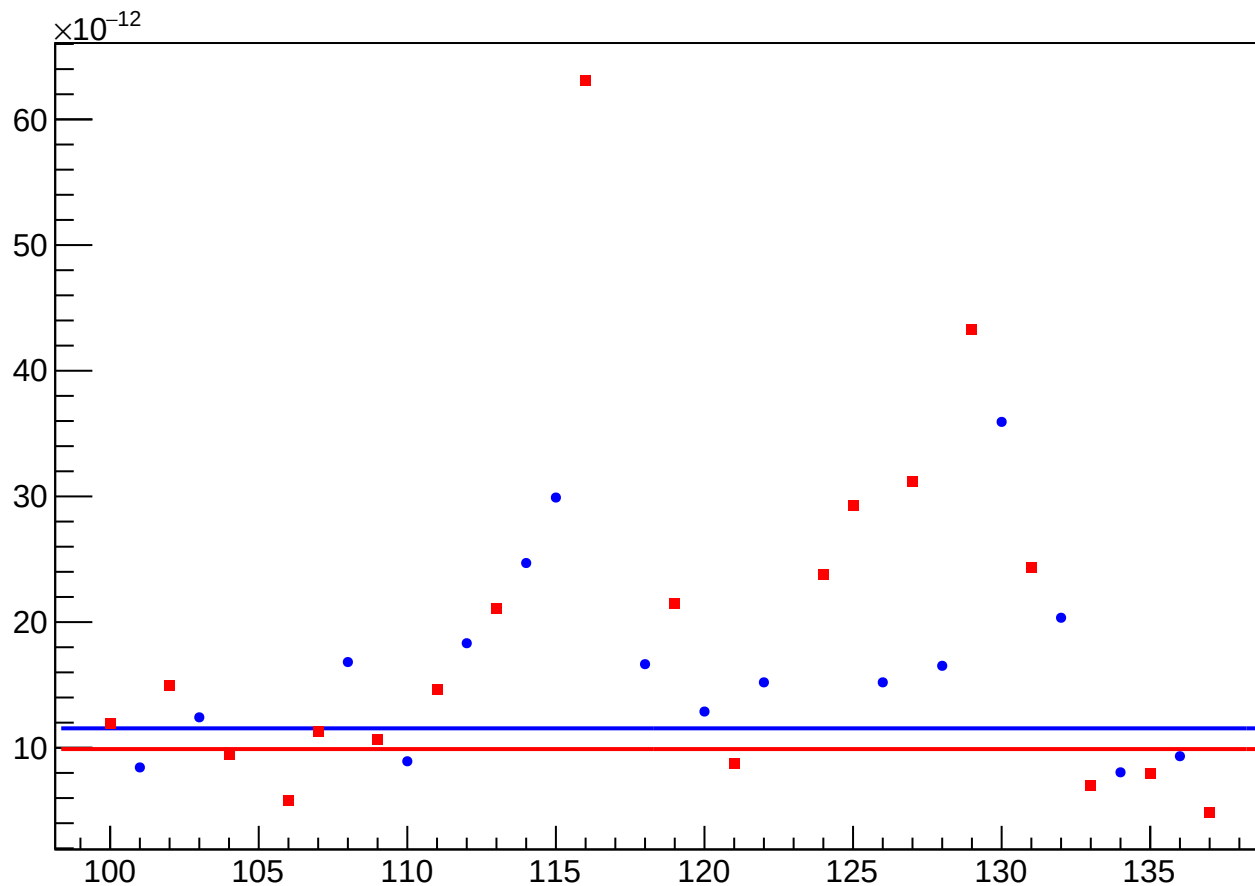
Right: -0.000+/-0.000 χ^2 /NDF: 41.1/34

In: -0.000+/-0.000 χ^2 /NDF:14.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 41.1/34

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1179957.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2635766.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

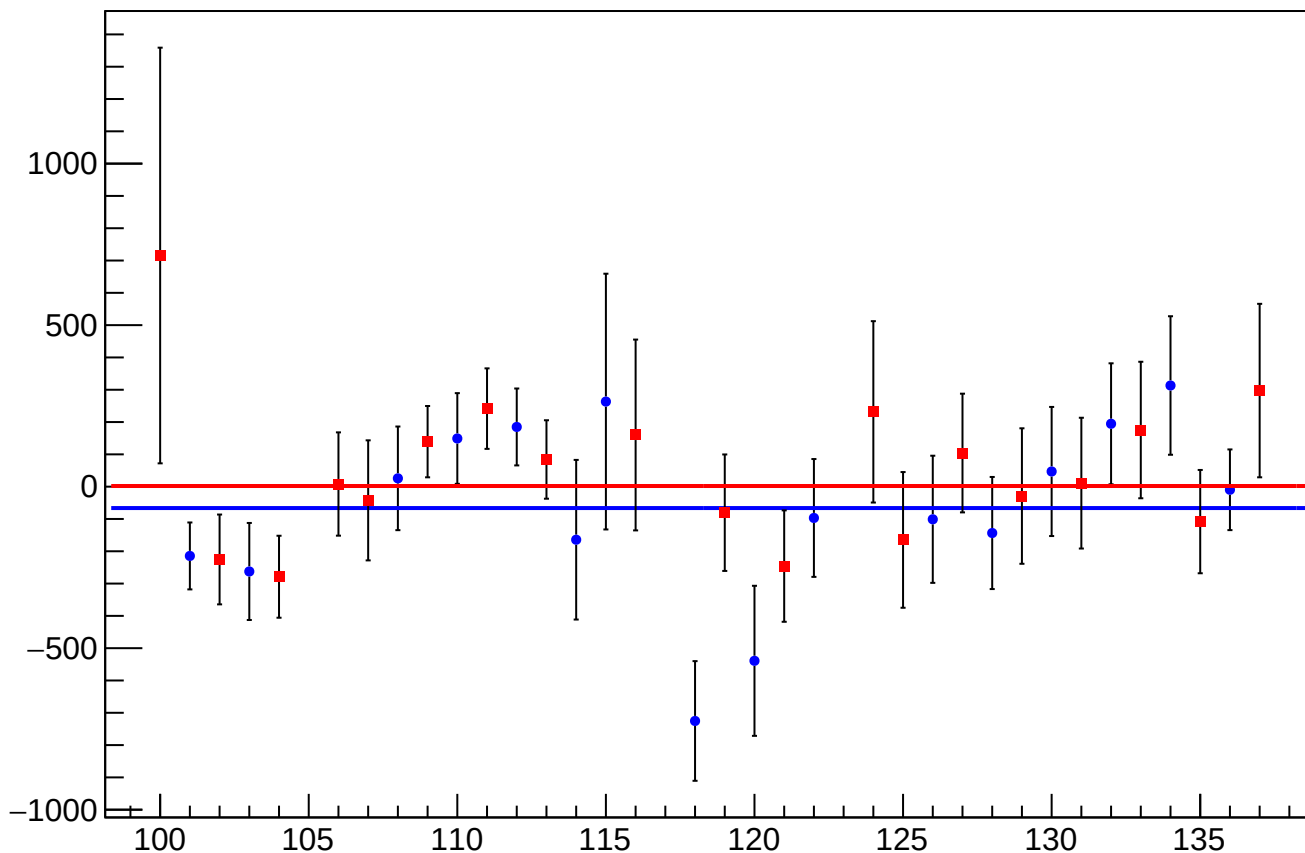
Right: 0.000+/-0.000 χ^2/NDF : 3905918.0/34

In: 0.000+/-0.000 χ^2/NDF : 1179957.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3905918.0/34

reg_asym_sam6_mean vs Slug, Sign Corrected



Right In: -66.230 $\pm$ 40.937 χ^2 /NDF: 34.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.017 $\pm$ 38.866 χ^2 /NDF: 21.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

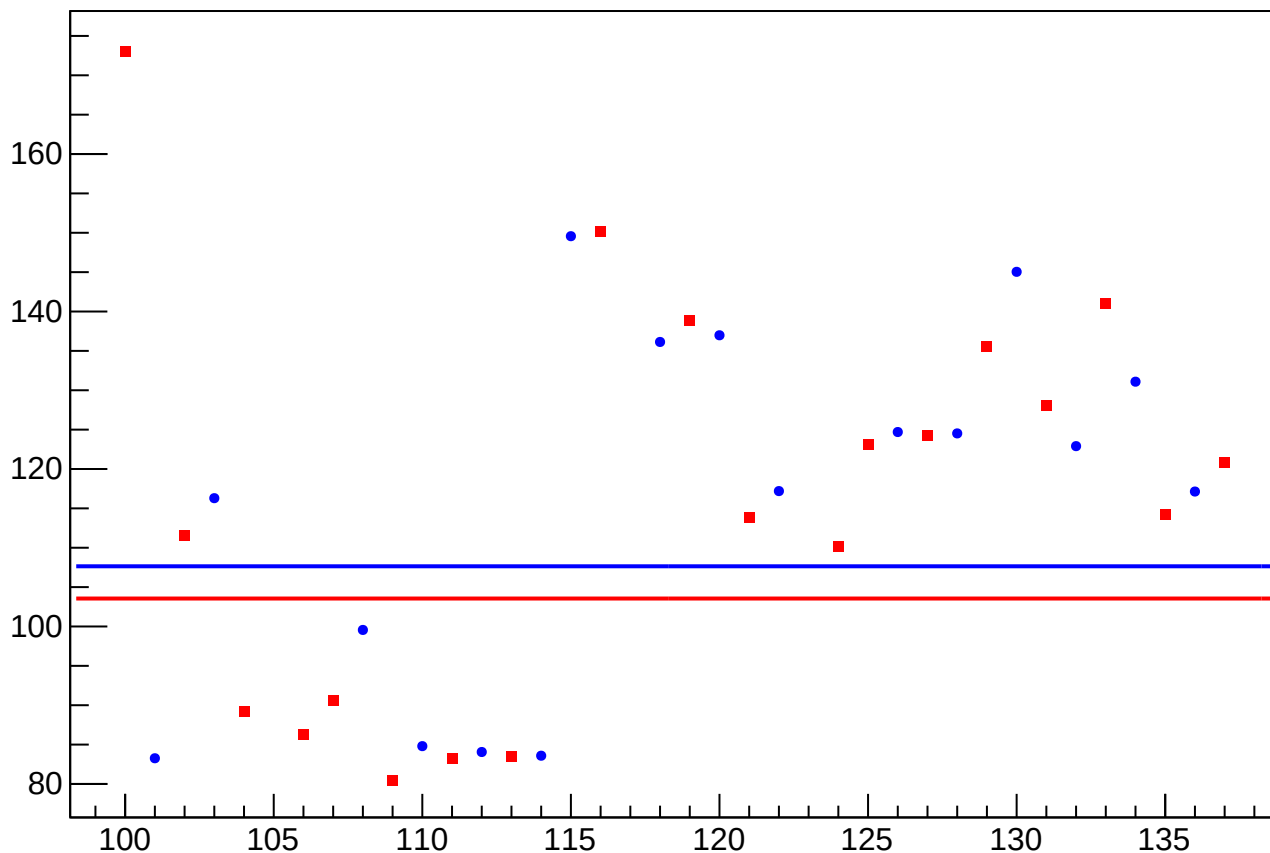
Right: -30.337 $\pm$ 28.186 χ^2 /NDF: 57.0/34

In: -66.230 $\pm$ 40.937 χ^2 /NDF: 34.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.337 $\pm$ 28.186 χ^2 /NDF: 57.0/34

reg_asym_sam6_rms vs Slug, Sign Corrected



Right In: 107.644+/-0.029 χ^2/NDF : 532821.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.550+/-0.027 χ^2/NDF : 617345.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

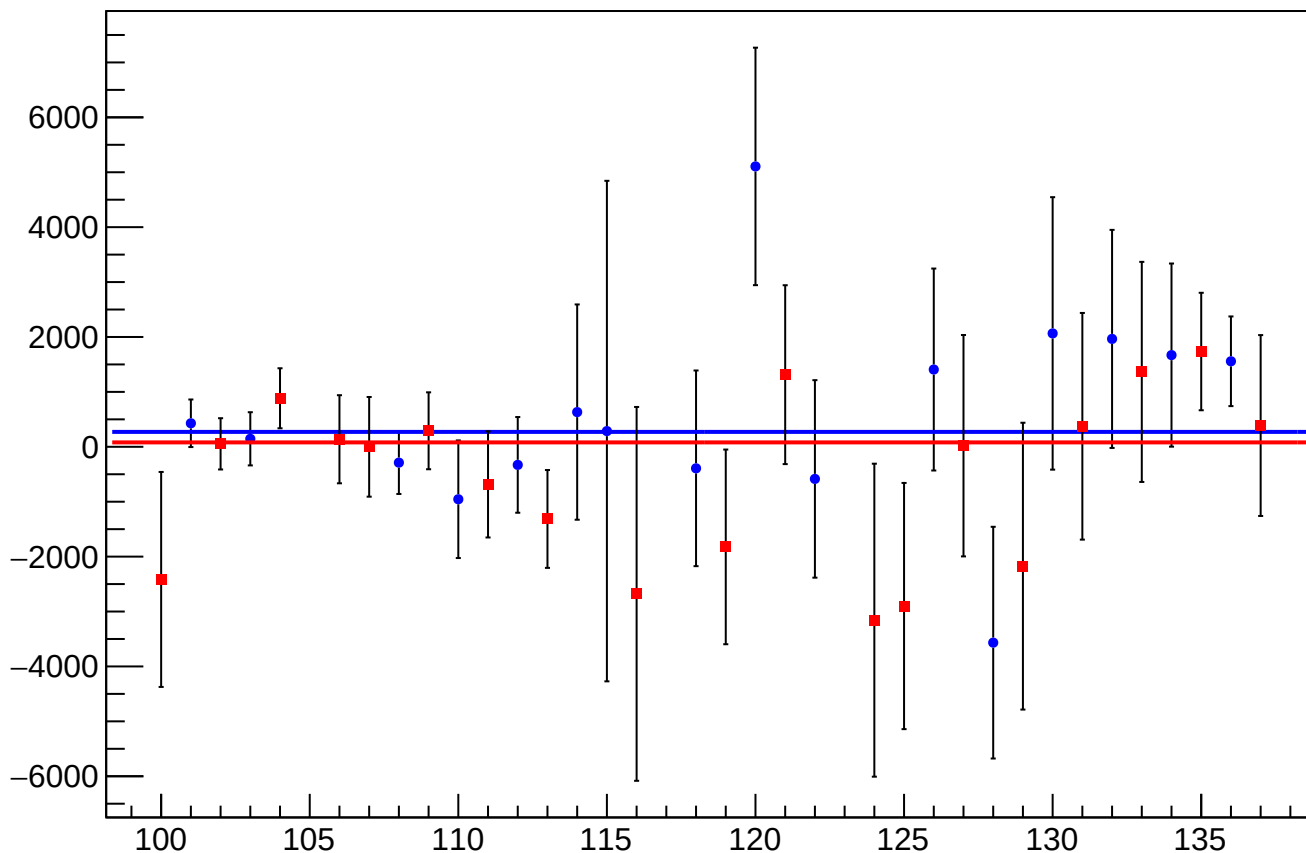
Right: 105.491+/-0.020 χ^2/NDF : 1160688.9/34

In: 107.644+/-0.029 χ^2/NDF : 532821.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.491+/-0.020 χ^2/NDF : 1160688.9/34

asym_sam6_reg_correction_mean vs Slug, Sign Corrected



Right In: 271.505 $\pm$ 230.663 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.094 $\pm$ 232.154 χ^2 /NDF: 16.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

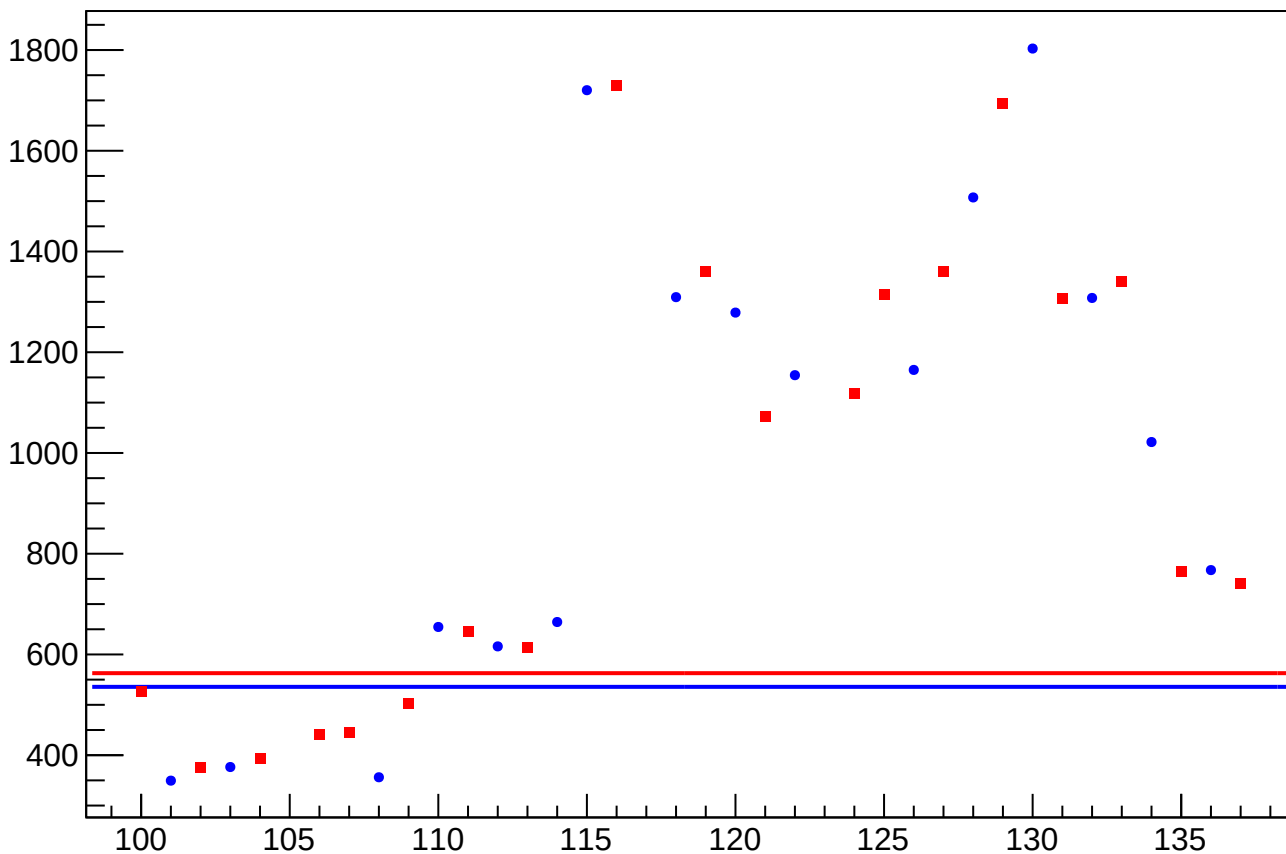
Right: 176.417 $\pm$ 163.628 χ^2 /NDF: 32.8/34

In: 271.505 $\pm$ 230.663 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 176.417 $\pm$ 163.628 χ^2 /NDF: 32.8/34

asym_sam6_reg_correction_rms vs Slug, Sign Corrected



Right In: 535.683+/-0.163 χ^2/NDF : 3632390.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 562.845+/-0.164 χ^2/NDF : 3111031.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

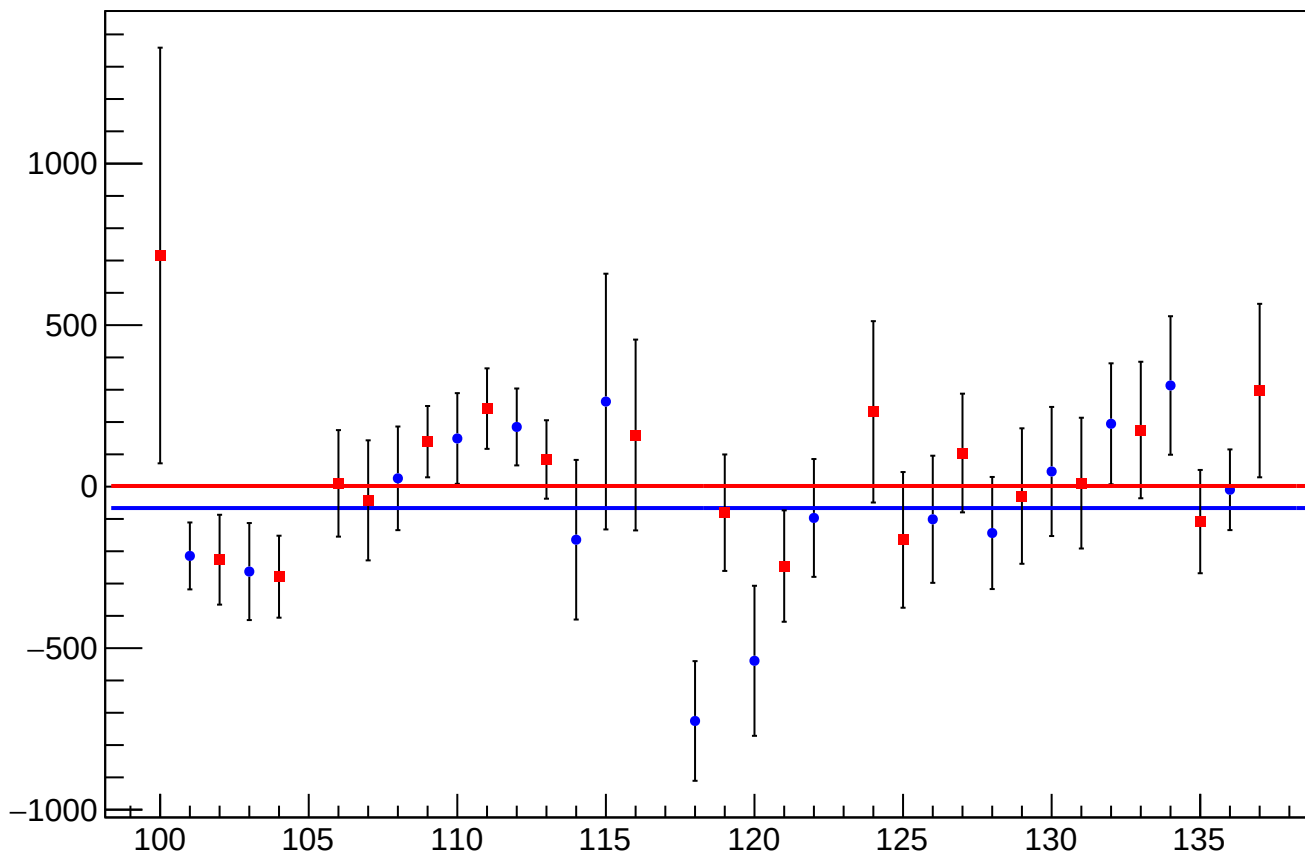
Right: 549.176+/-0.116 χ^2/NDF : 6757198.8/34

In: 535.683+/-0.163 χ^2/NDF : 3632390.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 549.176+/-0.116 χ^2/NDF : 6757198.8/34

cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -66.256 $\pm$ 40.937 χ^2 /NDF: 34.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.062 $\pm$ 38.937 χ^2 /NDF: 21.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

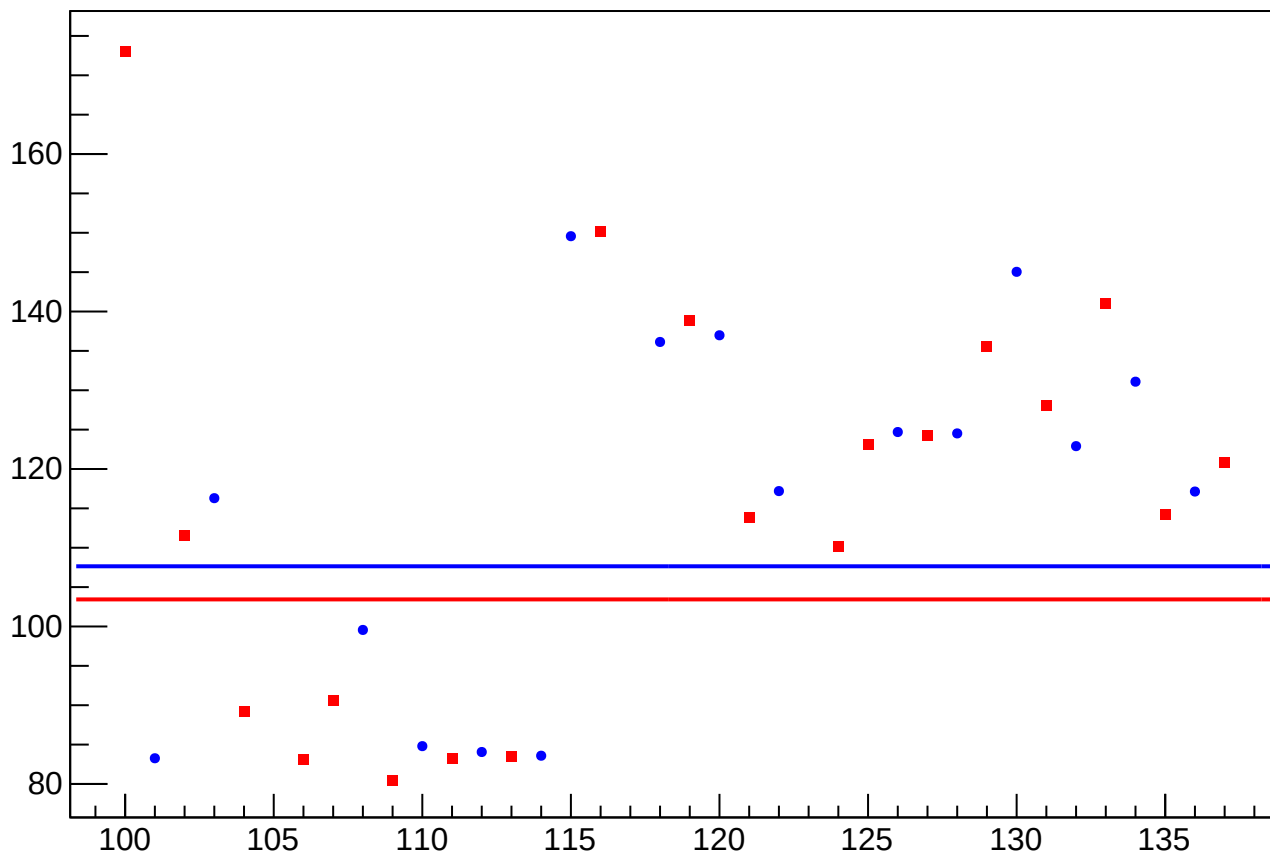
Right: -30.387 $\pm$ 28.213 χ^2 /NDF: 57.0/34

In: -66.256 $\pm$ 40.937 χ^2 /NDF:34.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.387 $\pm$ 28.213 χ^2 /NDF: 57.0/34

cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 107.644 $\pm$ 0.029 χ^2 /NDF: 532822.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.438 $\pm$ 0.028 χ^2 /NDF: 624750.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

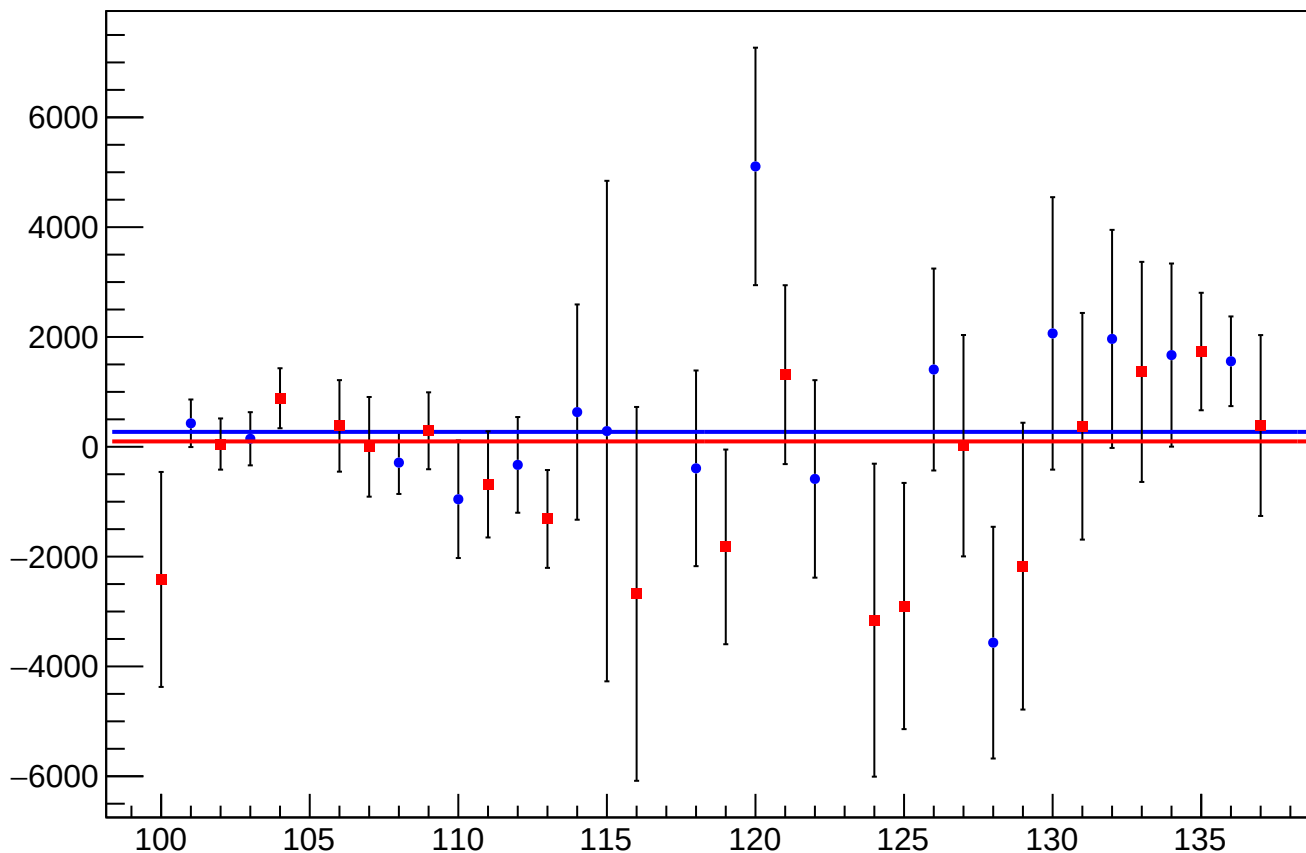
Right: 105.436 $\pm$ 0.020 χ^2 /NDF: 1168660.2/34

In: 107.644 $\pm$ 0.029 χ^2 /NDF:532822.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.436 $\pm$ 0.020 χ^2 /NDF: 1168660.2/34

asym_sam6_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.645 $\pm$ 230.655 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.847 $\pm$ 232.781 χ^2 /NDF: 16.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

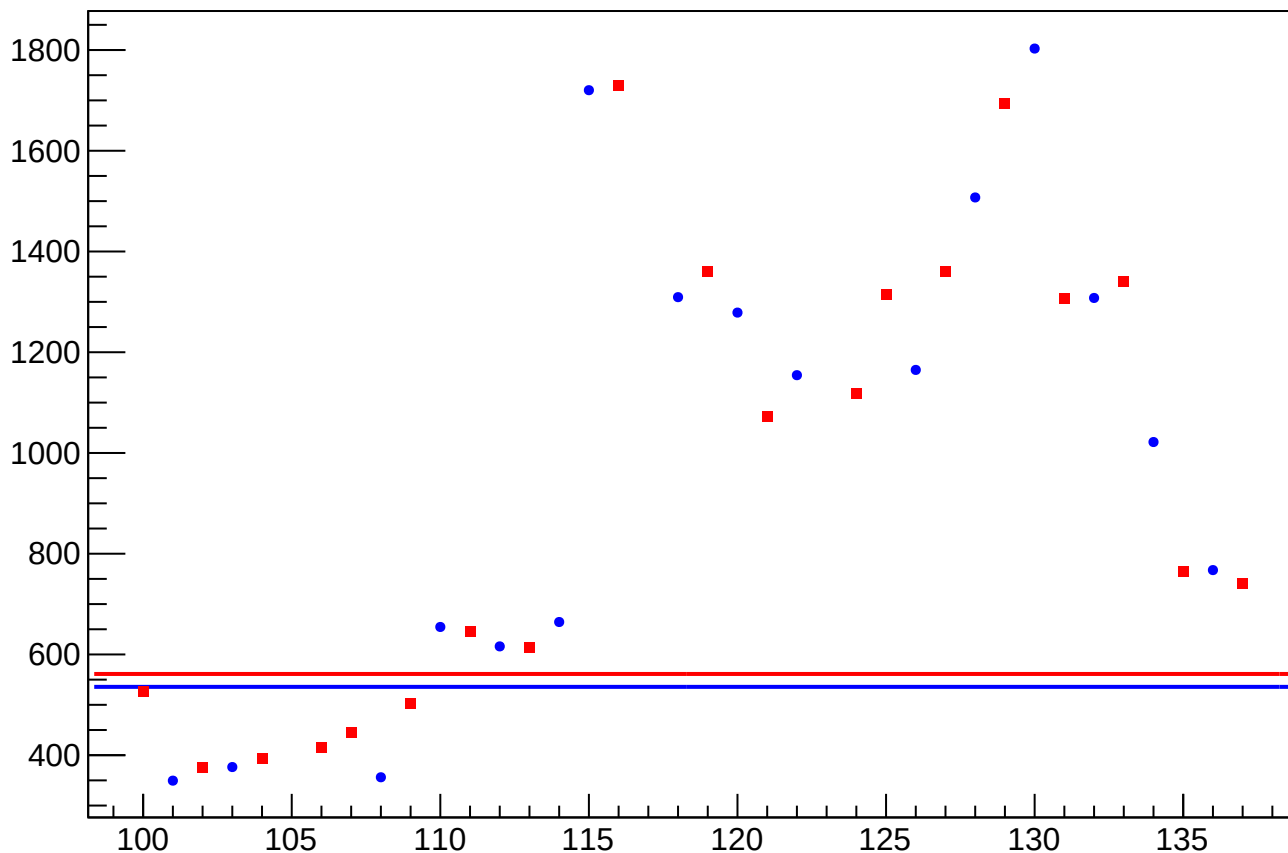
Right: 185.543 $\pm$ 163.844 χ^2 /NDF: 32.9/34

In: 271.645 $\pm$ 230.655 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.543 $\pm$ 163.844 χ^2 /NDF: 32.9/34

asym_sam6_cor_correction_rms vs Slug, Sign Corrected



Right In: 535.661+/-0.163 χ^2/NDF : 3632591.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.270+/-0.165 χ^2/NDF : 3130760.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

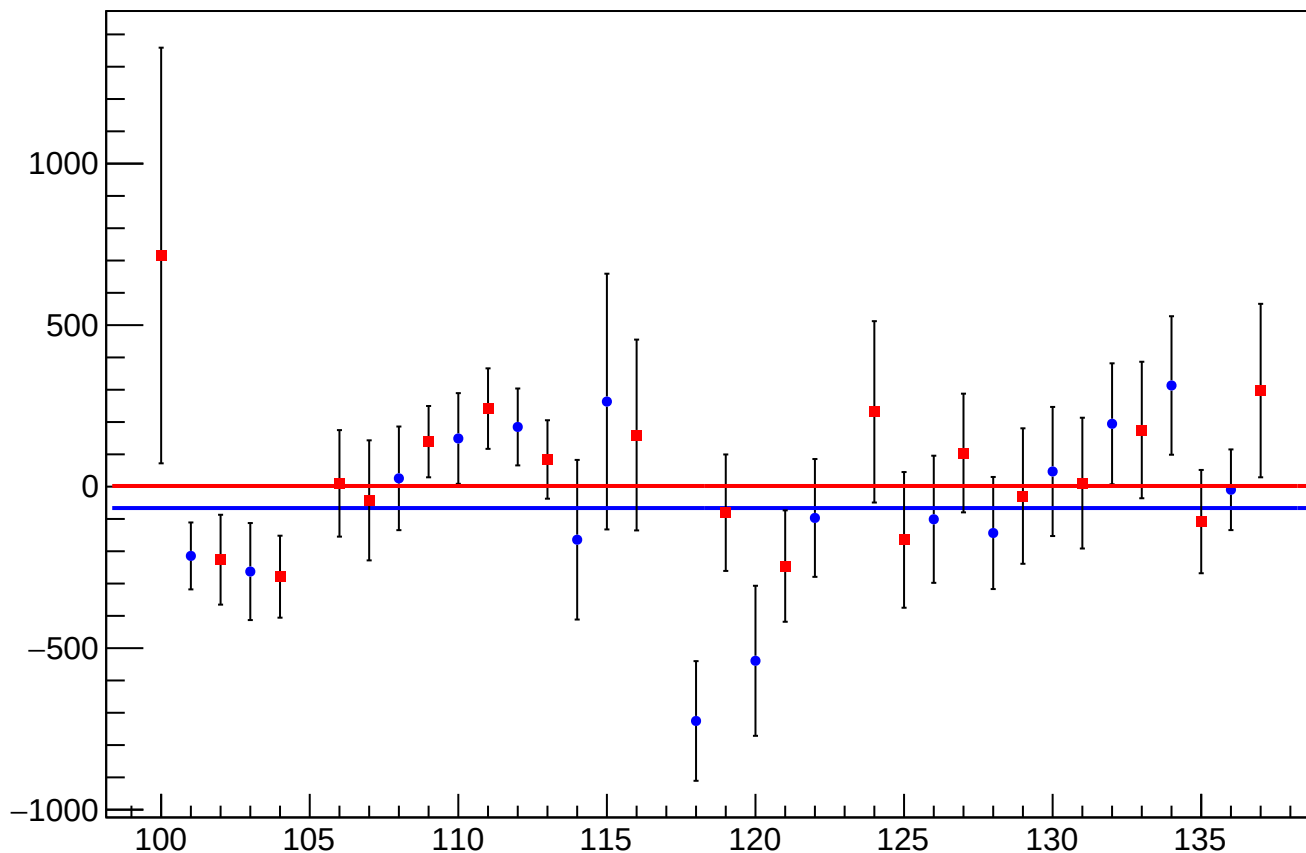
Right: 548.348+/-0.116 χ^2/NDF : 6775564.7/34

In: 535.661+/-0.163 χ^2/NDF : 3632591.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.348+/-0.116 χ^2/NDF : 6775564.7/34

eigen_cor_asym_sam6_mean vs Slug, Sign Corrected



Right In: -66.256 $\pm$ 40.937 χ^2 /NDF: 34.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.062 $\pm$ 38.937 χ^2 /NDF: 21.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

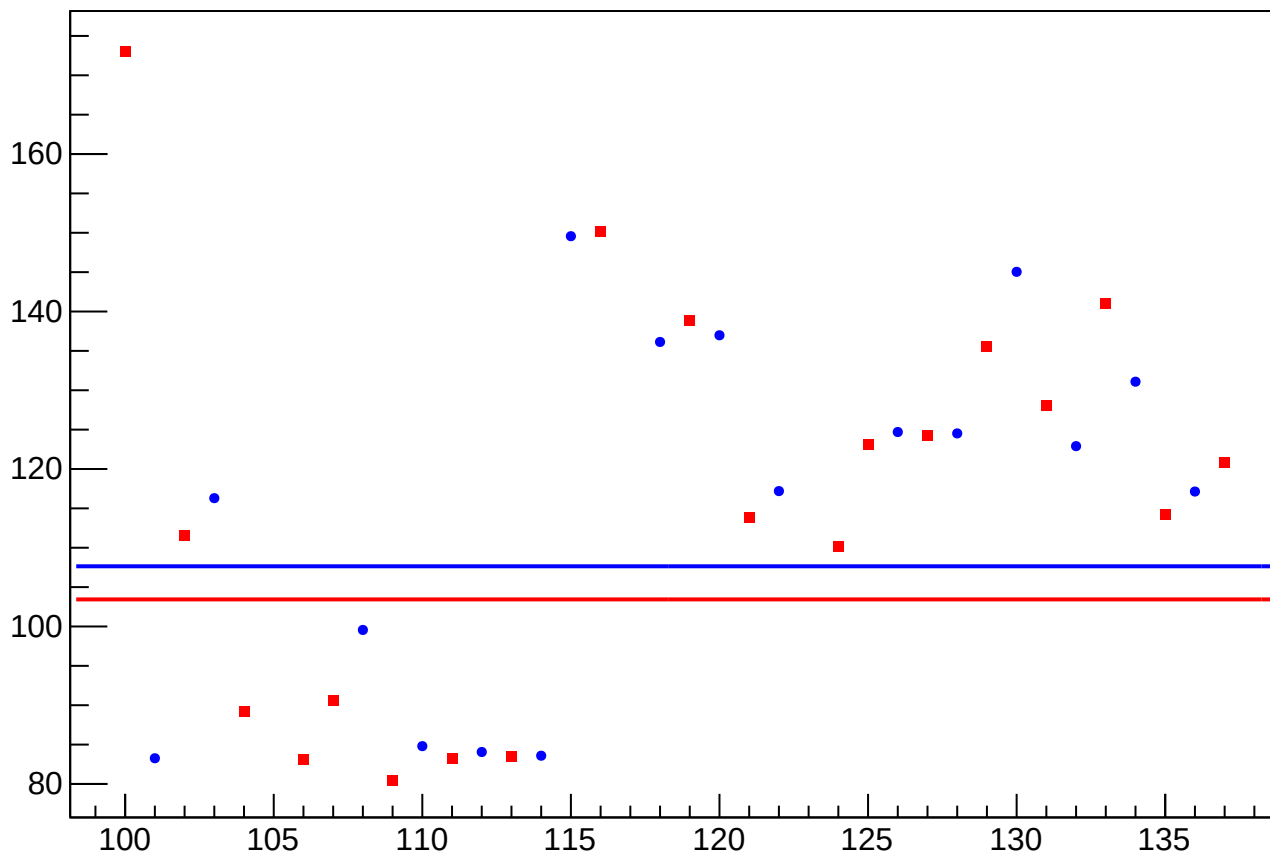
Right: -30.387 $\pm$ 28.213 χ^2 /NDF: 57.0/34

In: -66.256 $\pm$ 40.937 χ^2 /NDF: 34.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.387 $\pm$ 28.213 χ^2 /NDF: 57.0/34

eigen_cor_asym_sam6_rms vs Slug, Sign Corrected



Right In: 107.644+/-0.029 χ^2/NDF : 532822.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.438+/-0.028 χ^2/NDF : 624750.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

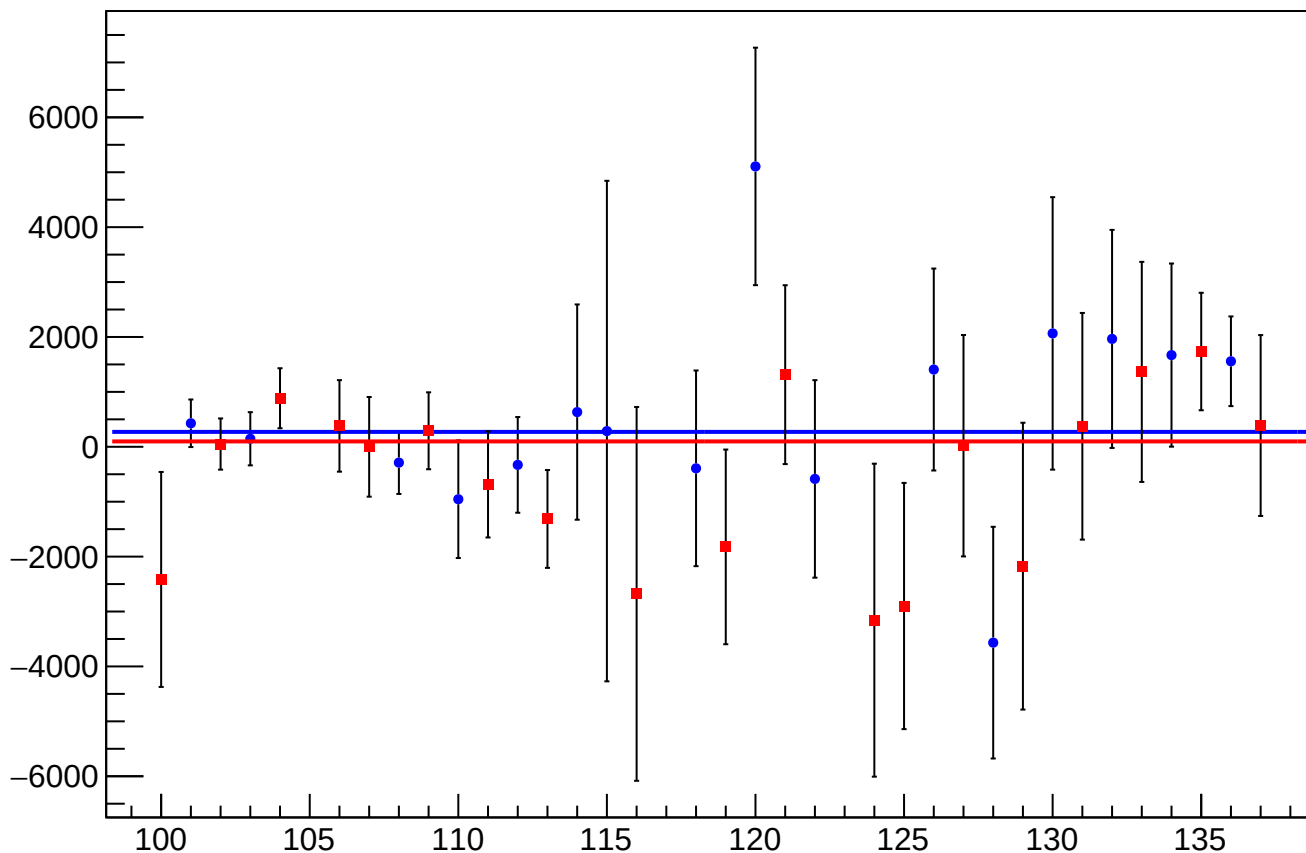
Right: 105.436+/-0.020 χ^2/NDF : 1168660.2/34

In: 107.644+/-0.029 χ^2/NDF : 532822.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.436+/-0.020 χ^2/NDF : 1168660.2/34

asym_sam6_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 271.645 $\pm$ 230.655 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.847 $\pm$ 232.781 χ^2 /NDF: 16.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

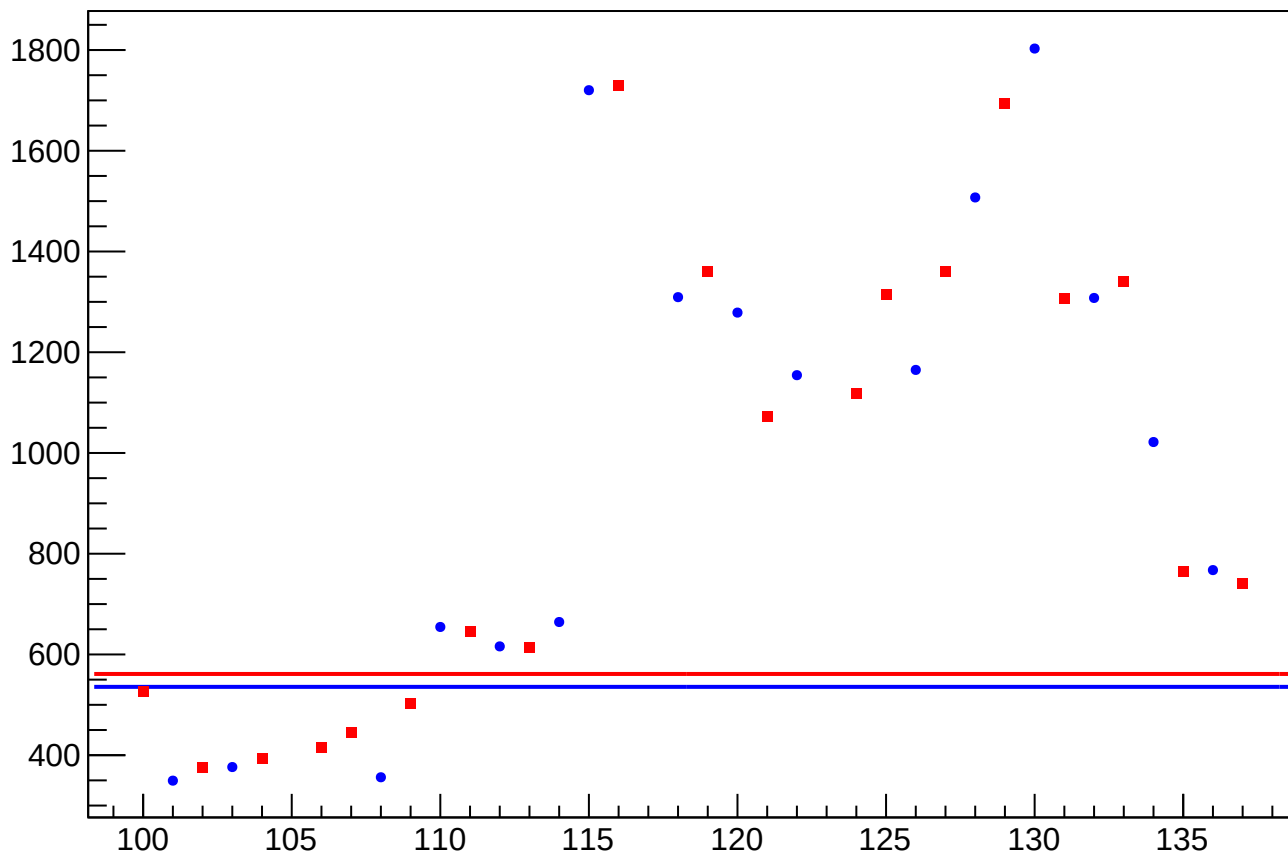
Right: 185.543 $\pm$ 163.844 χ^2 /NDF: 32.9/34

In: 271.645 $\pm$ 230.655 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.543 $\pm$ 163.844 χ^2 /NDF: 32.9/34

asym_sam6_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 535.661+/-0.163 χ^2/NDF : 3632591.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.270+/-0.165 χ^2/NDF : 3130760.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

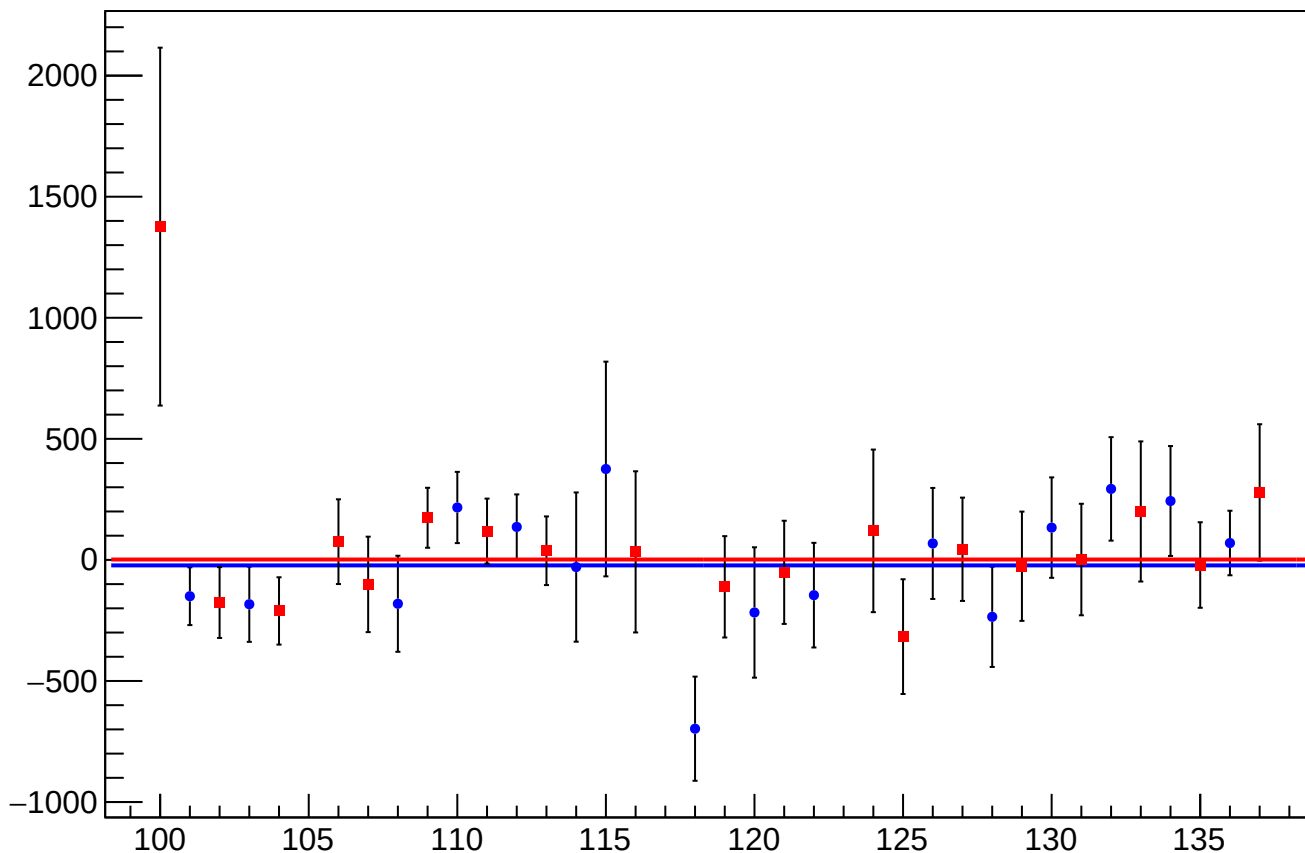
Right: 548.348+/-0.116 χ^2/NDF : 6775564.7/34

In: 535.661+/-0.163 χ^2/NDF : 3632591.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.348+/-0.116 χ^2/NDF : 6775564.7/34

dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -22.678 ± 45.908 χ^2/NDF : 24.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.600 ± 43.563 χ^2/NDF : 14.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

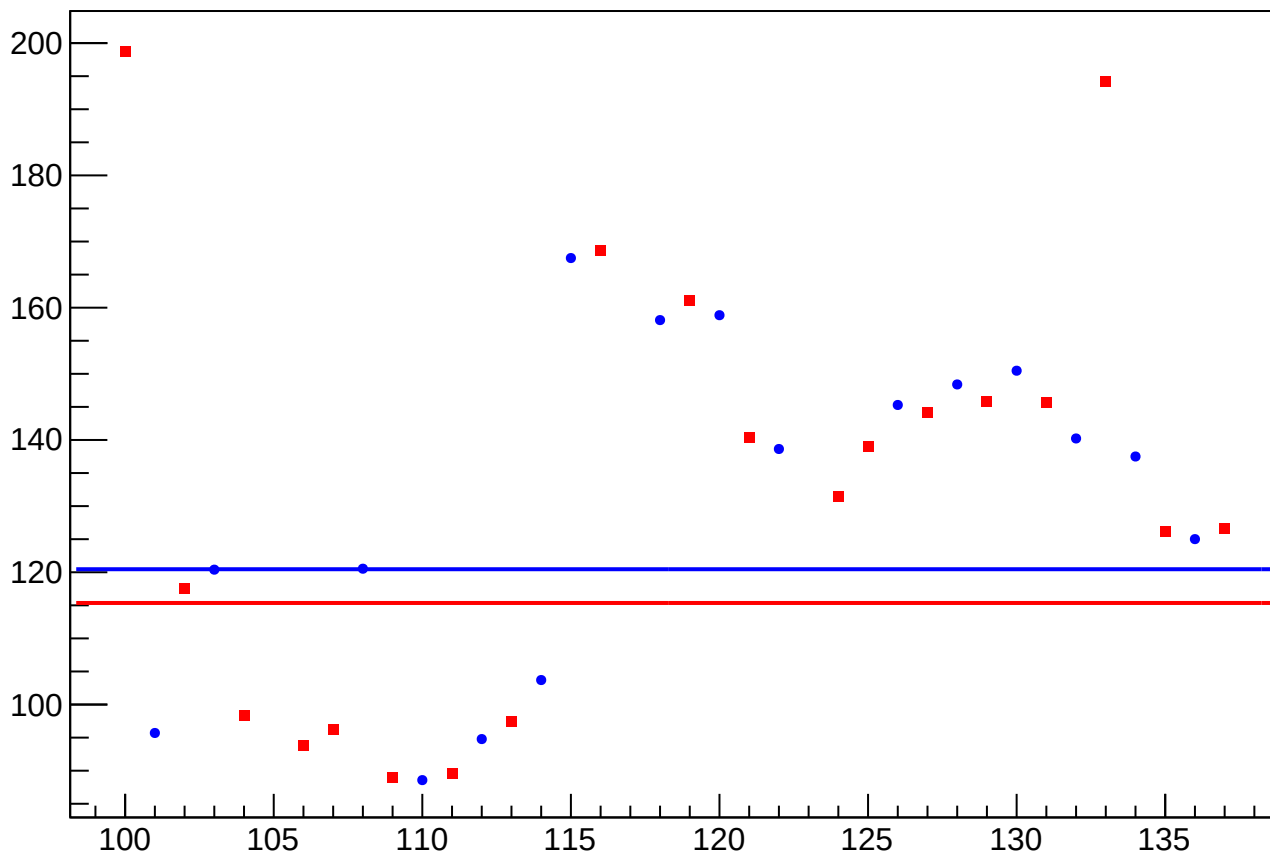
Right: -9.903 ± 31.600 χ^2/NDF : 38.6/34

In: -22.678 ± 45.908 χ^2/NDF : 24.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.903 ± 31.600 χ^2/NDF : 38.6/34

dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.458+/-0.032 χ^2/NDF : 530331.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 115.357+/-0.031 χ^2/NDF : 767236.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

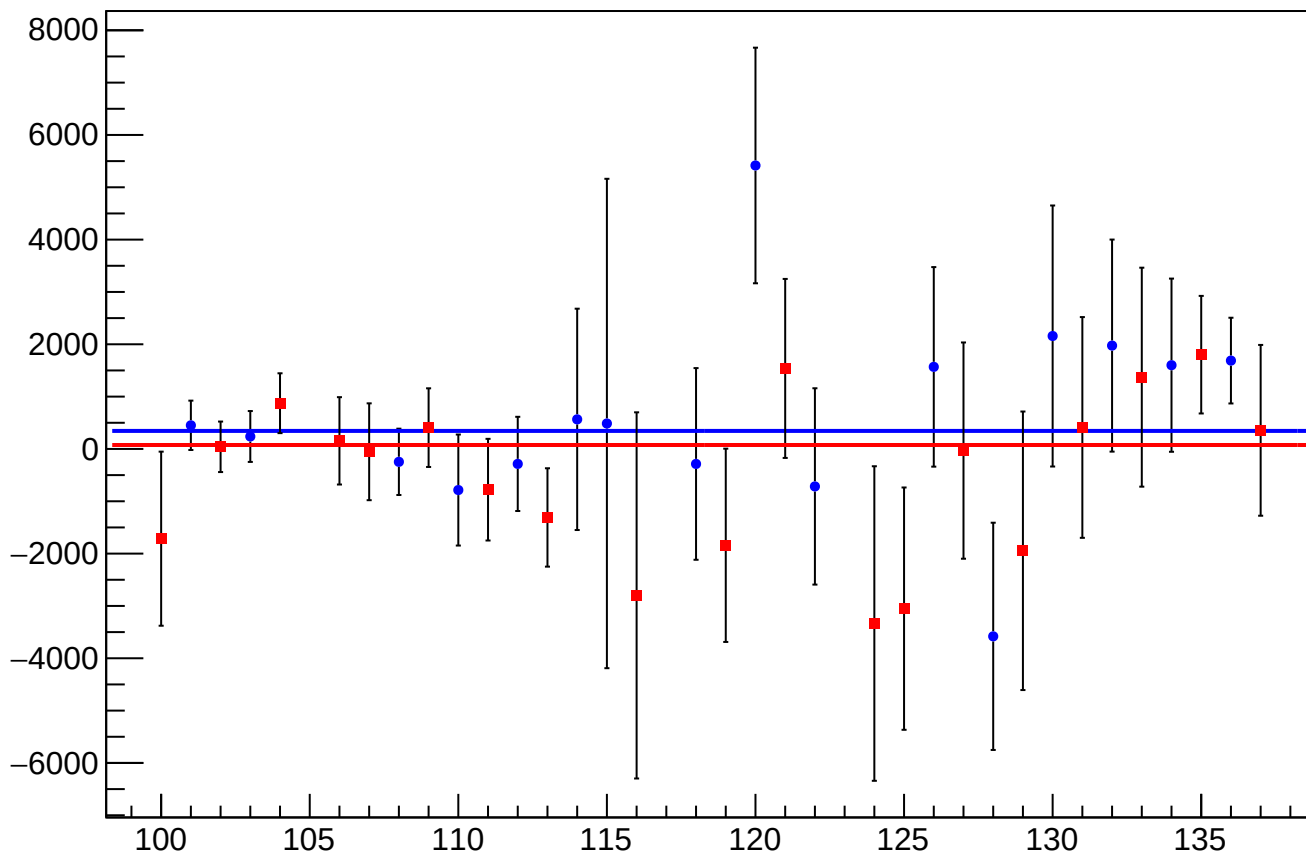
Right: 117.774+/-0.022 χ^2/NDF : 1310562.3/34

In: 120.458+/-0.032 χ^2/NDF :530331.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.774+/-0.022 χ^2/NDF : 1310562.3/34

asym_sam6_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.437 $\pm$ 241.532 χ^2 /NDF: 16.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 75.434 $\pm$ 240.479 χ^2 /NDF: 15.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

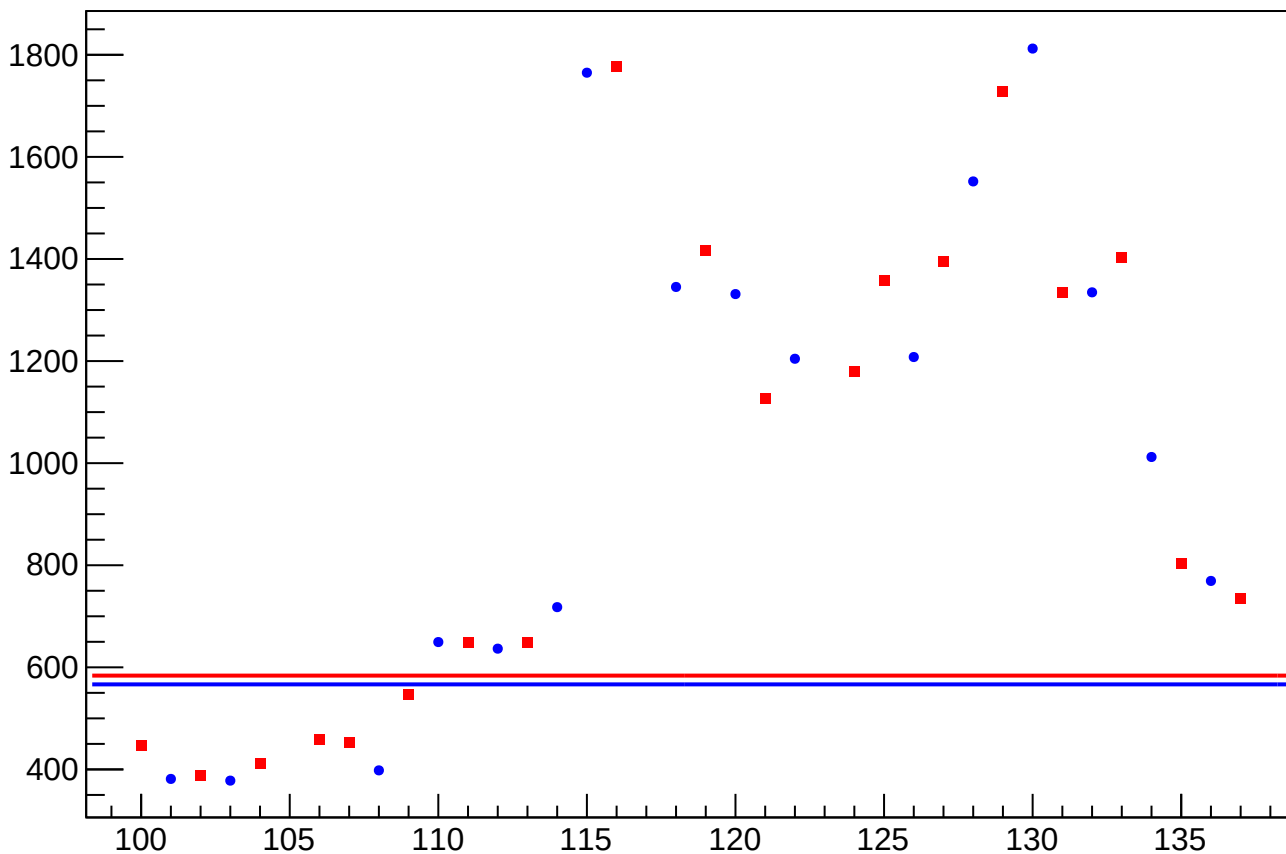
Right: 209.348 $\pm$ 170.415 χ^2 /NDF: 32.1/34

In: 344.437 $\pm$ 241.532 χ^2 /NDF:16.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 209.348 $\pm$ 170.415 χ^2 /NDF: 32.1/34

asym_sam6_dit_correction_rms vs Slug, Sign Corrected



Right In: 566.603+/-0.171 χ^2/NDF : 3432440.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 583.794+/-0.170 χ^2/NDF : 3107513.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

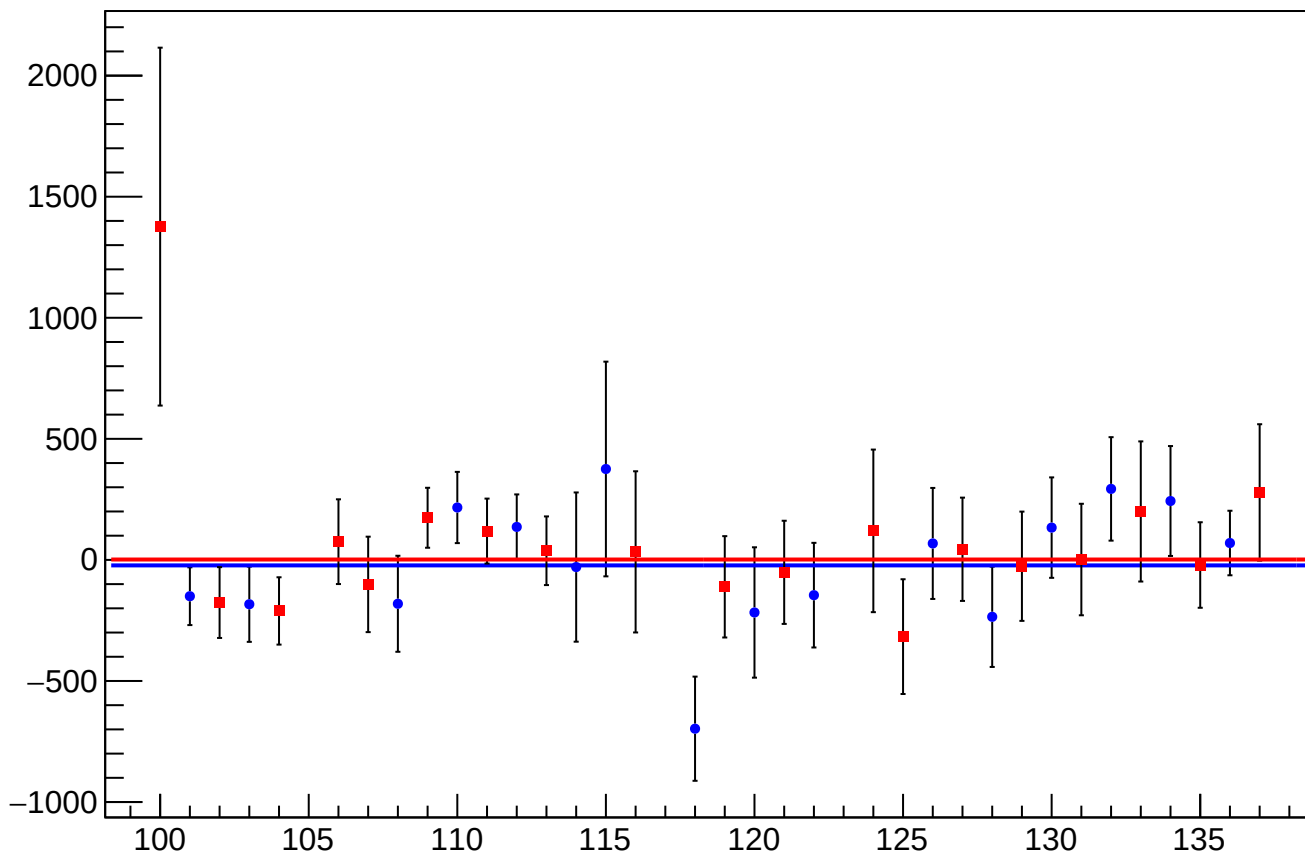
Right: 575.236+/-0.121 χ^2/NDF : 6545041.6/34

In: 566.603+/-0.171 χ^2/NDF :3432440.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 575.236+/-0.121 χ^2/NDF : 6545041.6/34

eigen_dit_asym_sam6_mean vs Slug, Sign Corrected



Right In: -22.680 $\pm$ 45.908 χ^2 /NDF: 24.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.601 $\pm$ 43.563 χ^2 /NDF: 14.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

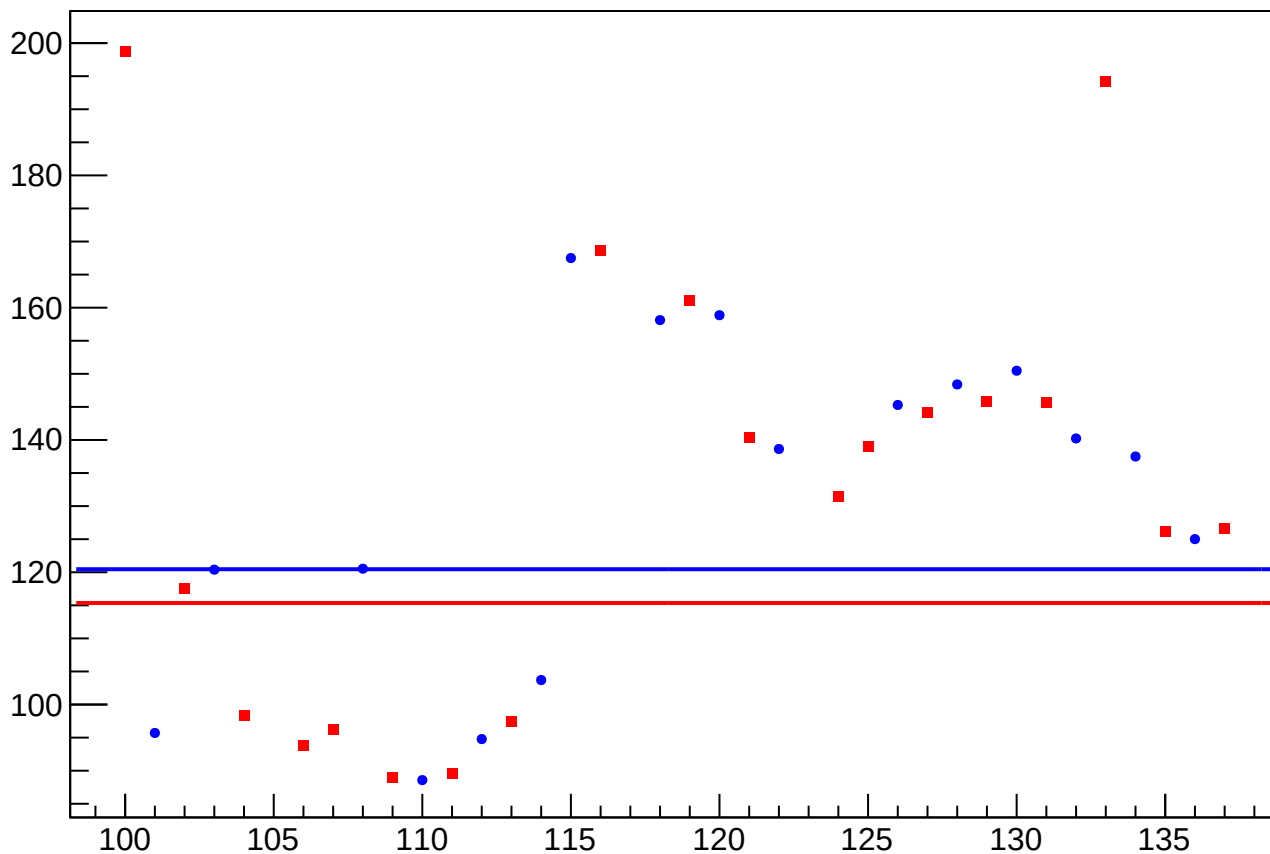
Right: -9.903 $\pm$ 31.600 χ^2 /NDF: 38.6/34

In: -22.680 $\pm$ 45.908 χ^2 /NDF:24.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.903 $\pm$ 31.600 χ^2 /NDF: 38.6/34

eigen_dit_asym_sam6_rms vs Slug, Sign Corrected



Right In: 120.458+/-0.032 χ^2/NDF : 530335.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.357+/-0.031 χ^2/NDF : 767234.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

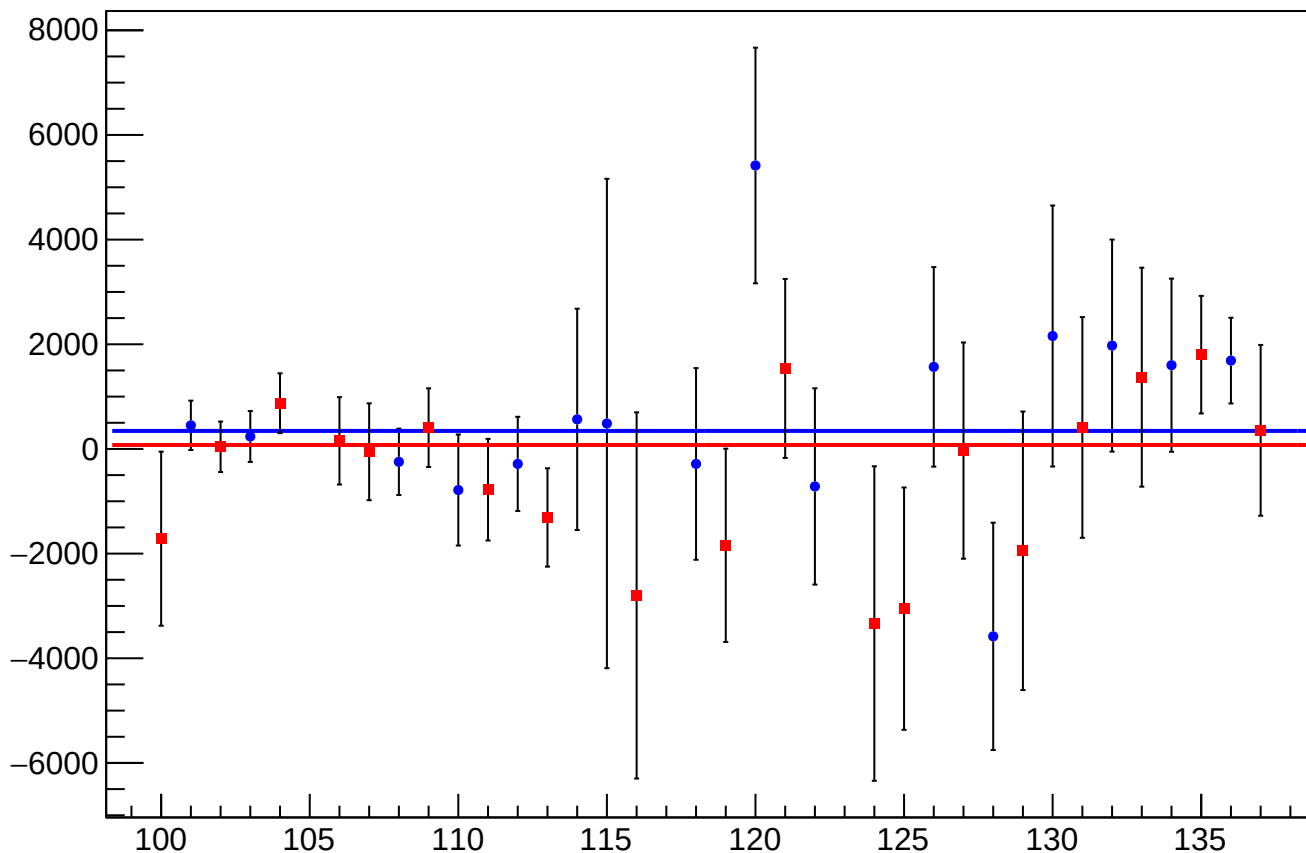
Right: 117.774+/-0.022 χ^2/NDF : 1310564.2/34

In: 120.458+/-0.032 χ^2/NDF : 530335.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.774+/-0.022 χ^2/NDF : 1310564.2/34

asym_sam6_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 344.436+/-241.531 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.435+/-240.479 χ^2/NDF : 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

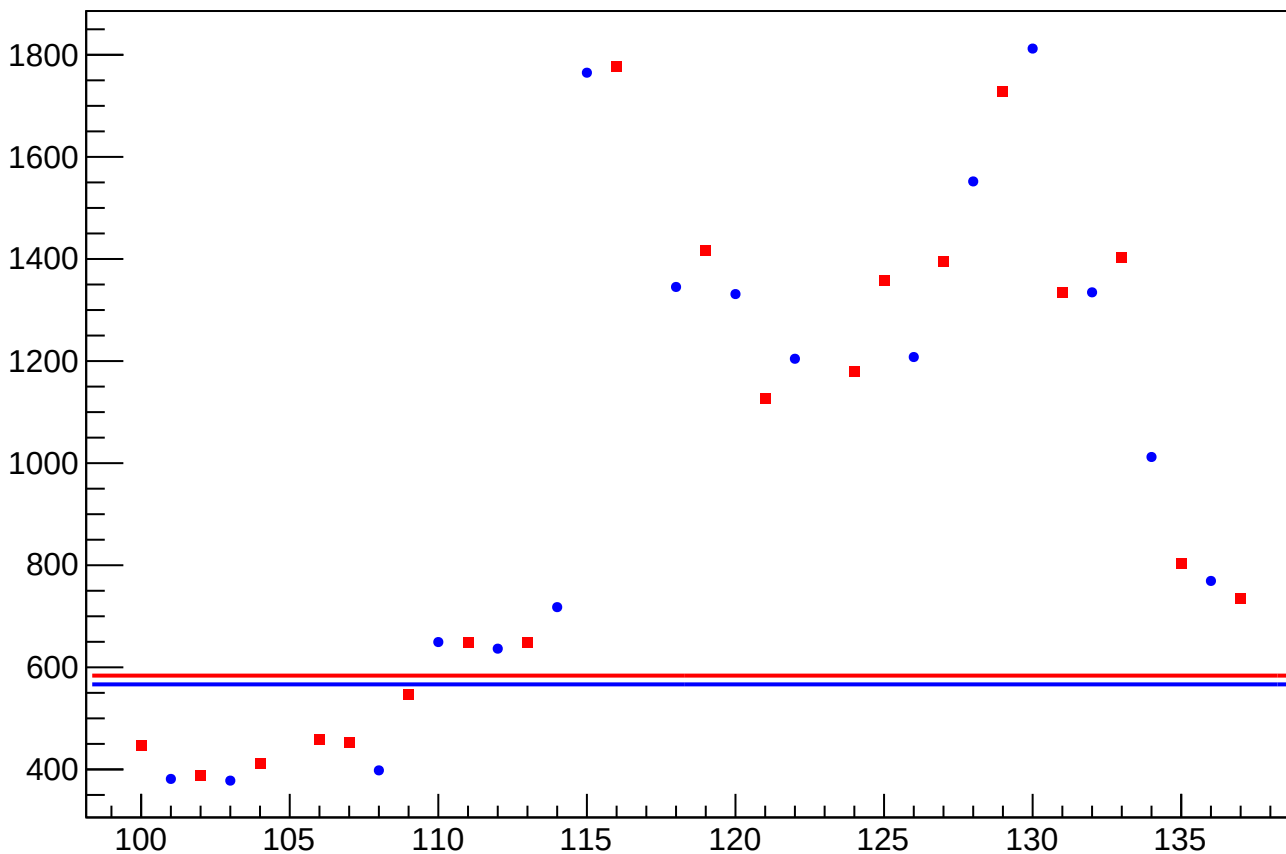
Right: 209.348+/-170.415 χ^2/NDF : 32.1/34

In: 344.436+/-241.531 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.348+/-170.415 χ^2/NDF : 32.1/34

asym_sam6_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 566.603+/-0.171 χ^2/NDF : 3432444.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 583.794+/-0.170 χ^2/NDF : 3107513.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

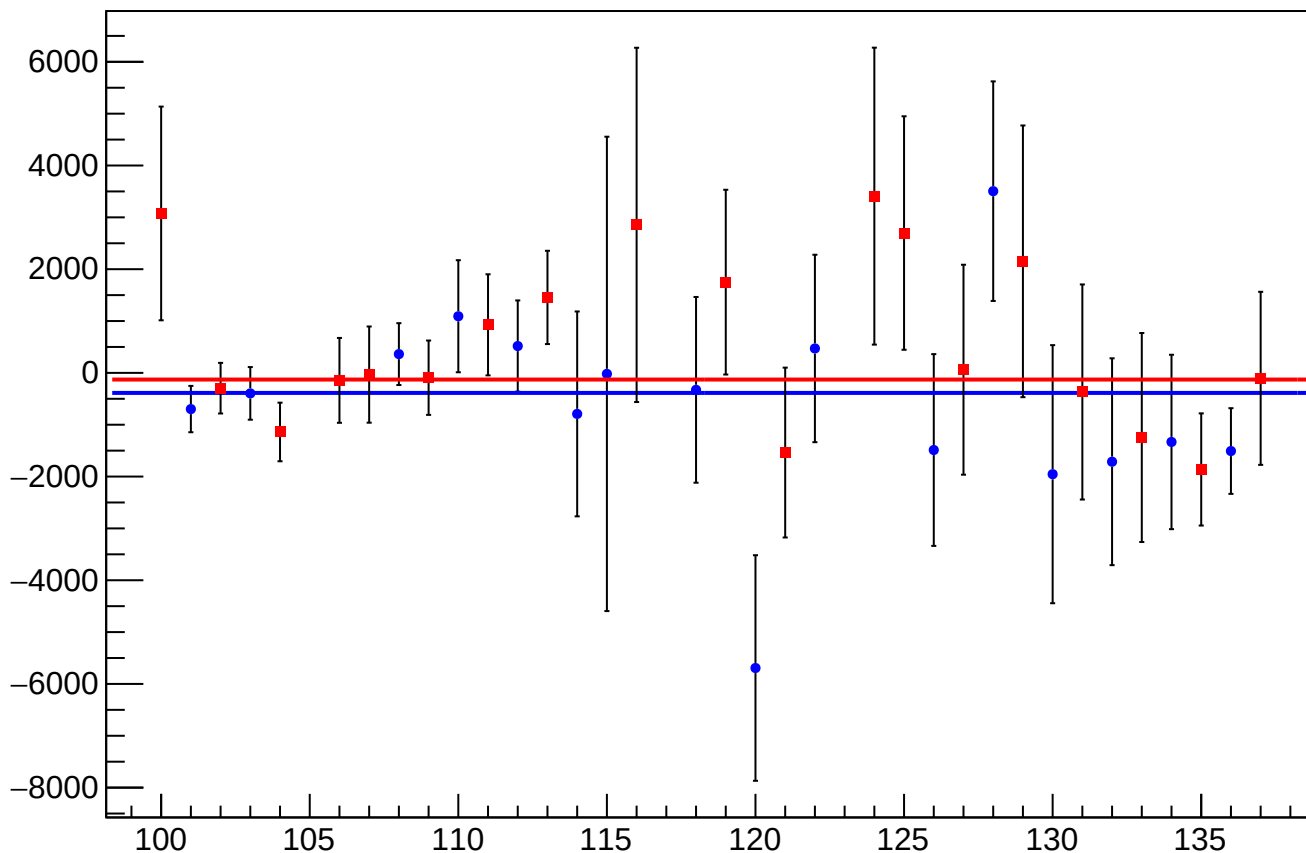
Right: 575.236+/-0.121 χ^2/NDF : 6545046.5/34

In: 566.603+/-0.171 χ^2/NDF :3432444.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 575.236+/-0.121 χ^2/NDF : 6545046.5/34

asym_sam6_mean vs Slug, Sign Corrected



Right In: -386.522 ± 237.525 χ^2/NDF : 17.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -128.583 ± 238.241 χ^2/NDF : 19.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

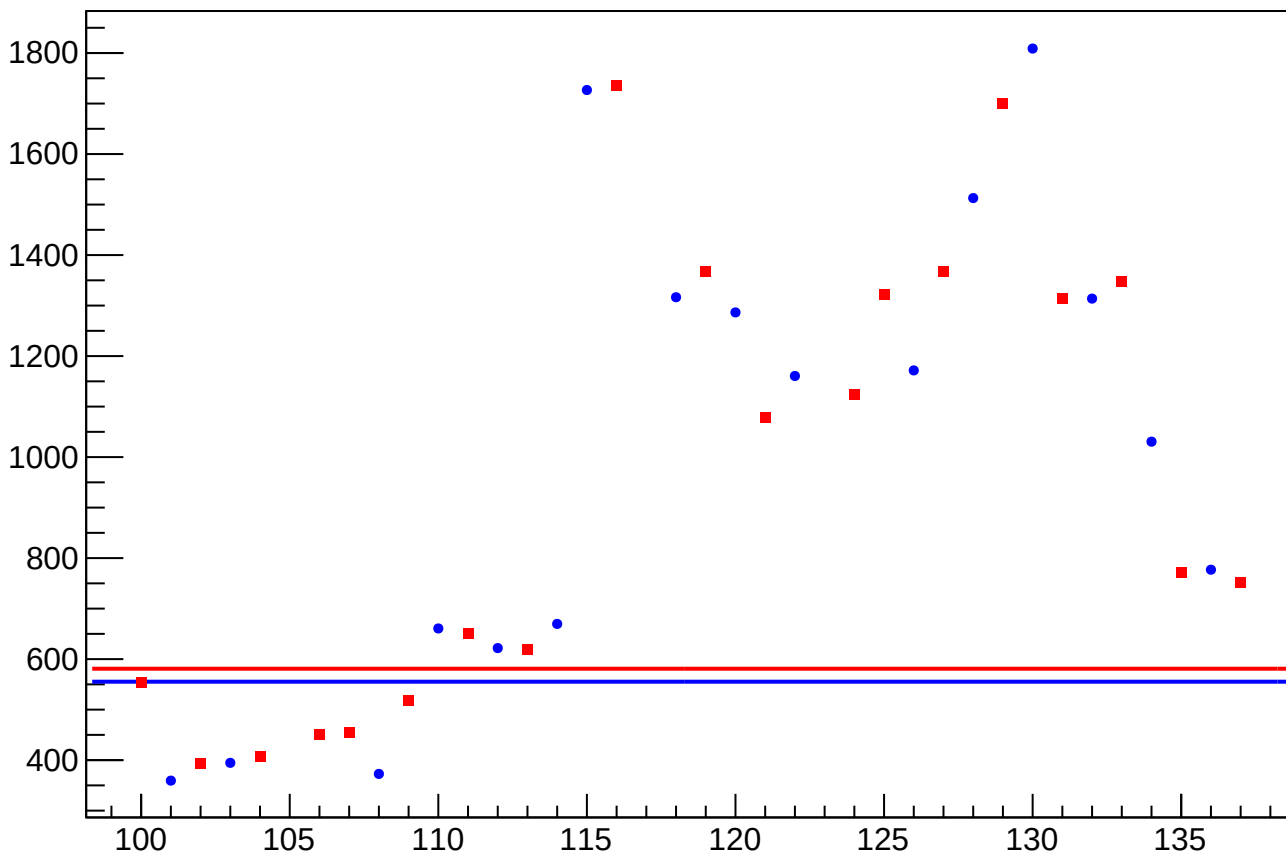
Right: -257.941 ± 168.208 χ^2/NDF : 37.9/34

In: -386.522 ± 237.525 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -257.941 ± 168.208 χ^2/NDF : 37.9/34

asym_sam6_rms vs Slug, Sign Corrected



Right In: 555.292+/-0.168 χ^2/NDF : 3482531.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.996+/-0.168 χ^2/NDF : 2983560.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

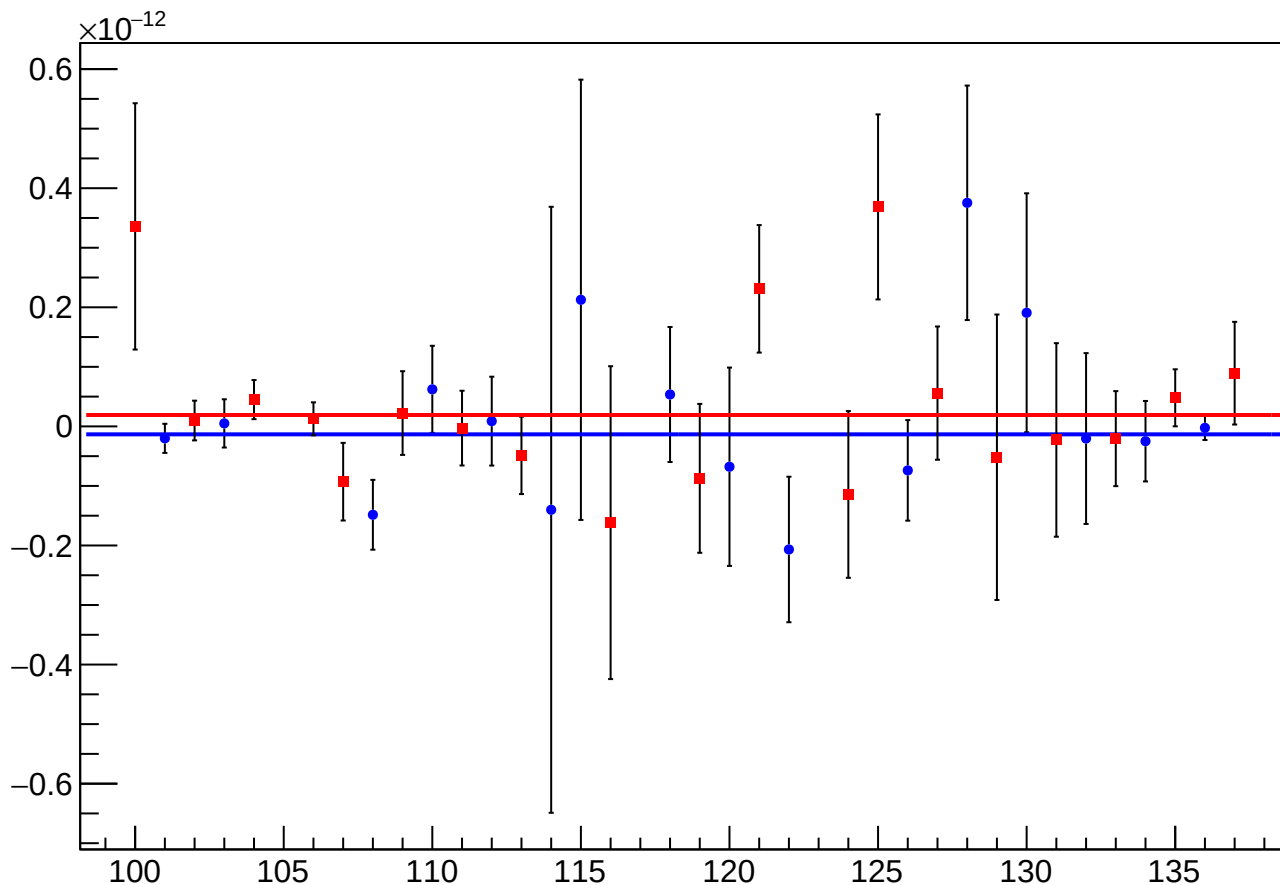
Right: 568.105+/-0.119 χ^2/NDF : 6477767.0/34

In: 555.292+/-0.168 χ^2/NDF : 3482531.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.105+/-0.119 χ^2/NDF : 6477767.0/34

asym_sam6_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

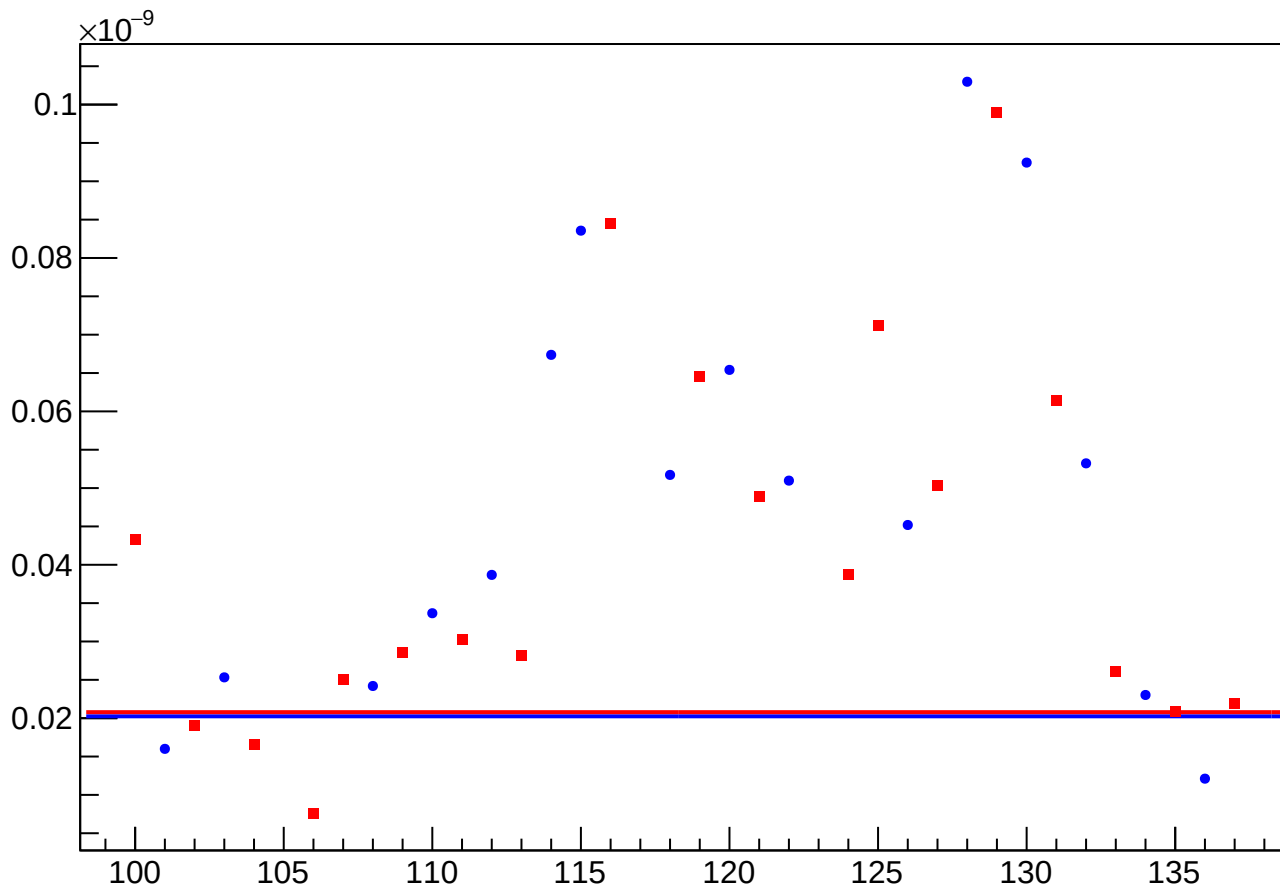
Right: 0.000+/-0.000 χ^2/NDF : 38.7/34

In: -0.000+/-0.000 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.7/34

asym_sam6_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2004678.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1855885.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

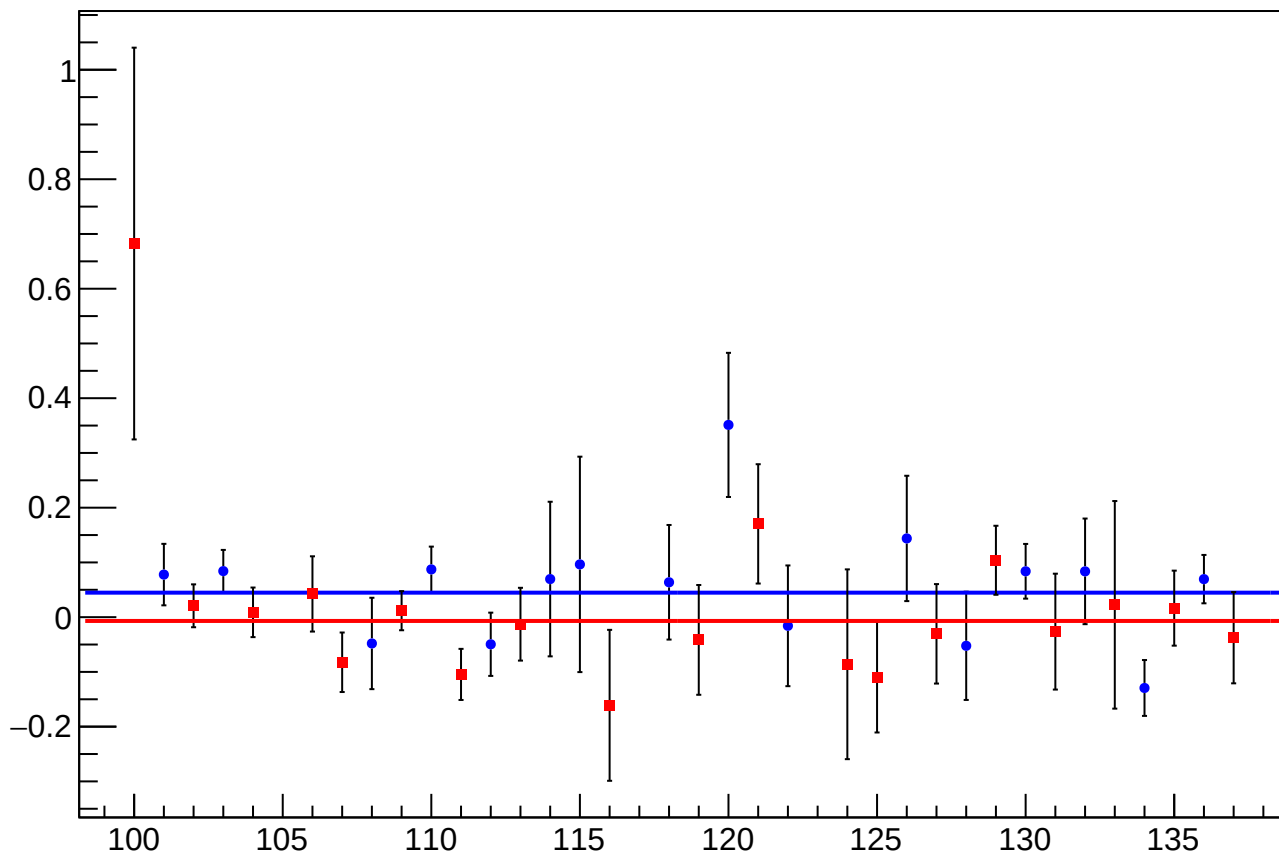
Right: 0.000+/-0.000 χ^2/NDF : 3862189.3/34

In: 0.000+/-0.000 χ^2/NDF : 2004678.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3862189.3/34

asym_sam6_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.016 χ^2 /NDF: 26.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.015 χ^2 /NDF: 20.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

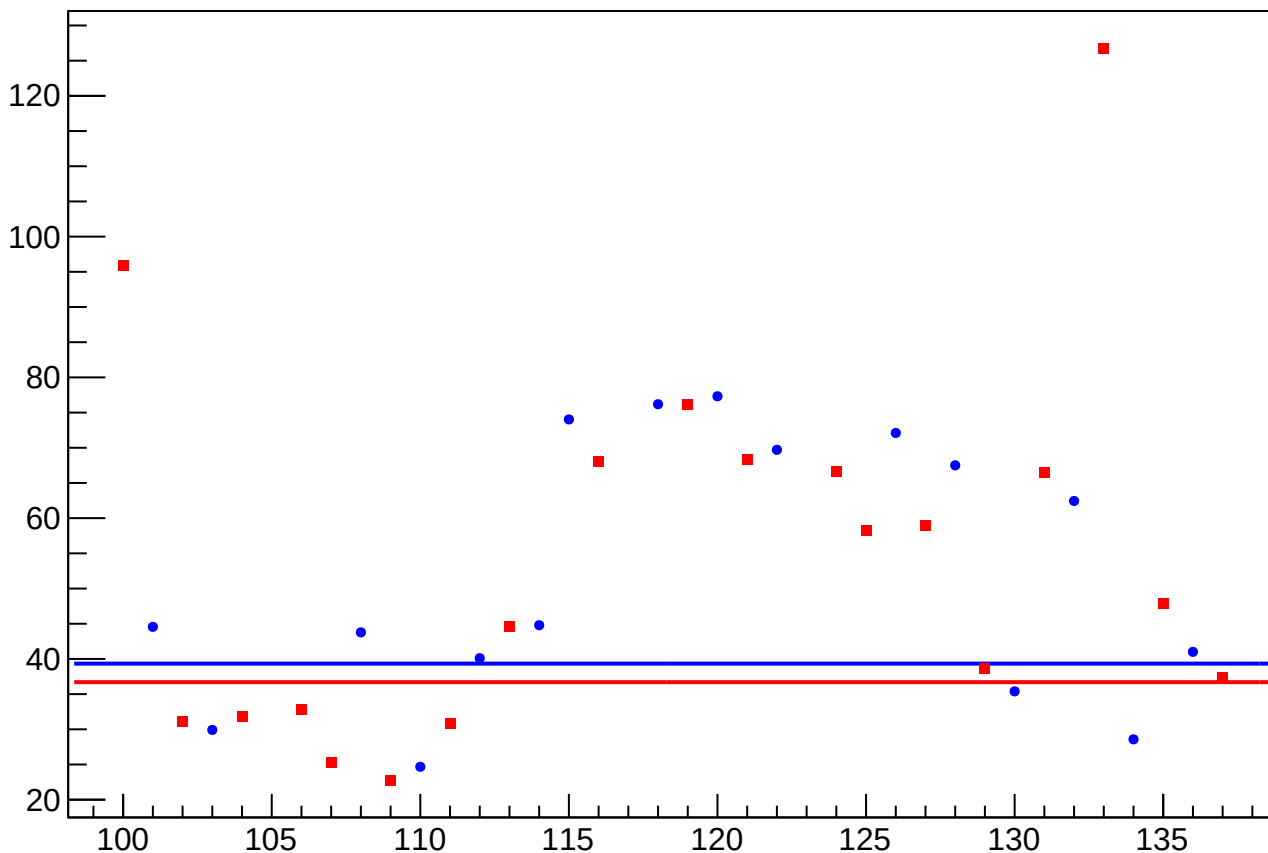
Right: 0.017 $\pm$ 0.011 χ^2 /NDF: 52.3/34

In: 0.045 $\pm$ 0.016 χ^2 /NDF:26.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.011 χ^2 /NDF: 52.3/34

asym_sam6_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.335+/-0.011 χ^2/NDF : 1566525.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.700+/-0.011 χ^2/NDF : 2096756.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

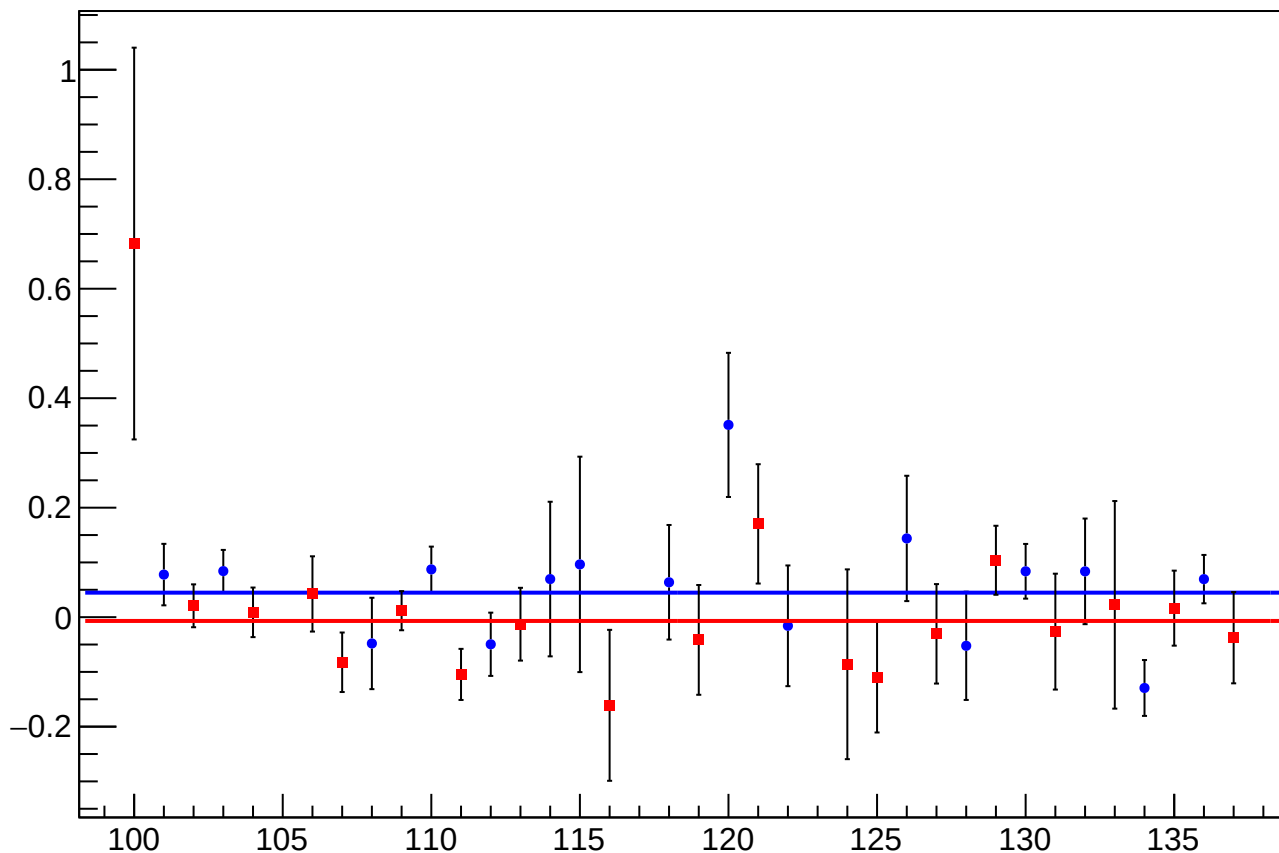
Right: 37.940+/-0.008 χ^2/NDF : 3691907.9/34

In: 39.335+/-0.011 χ^2/NDF : 1566525.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.940+/-0.008 χ^2/NDF : 3691907.9/34

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.015 χ^2/NDF : 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

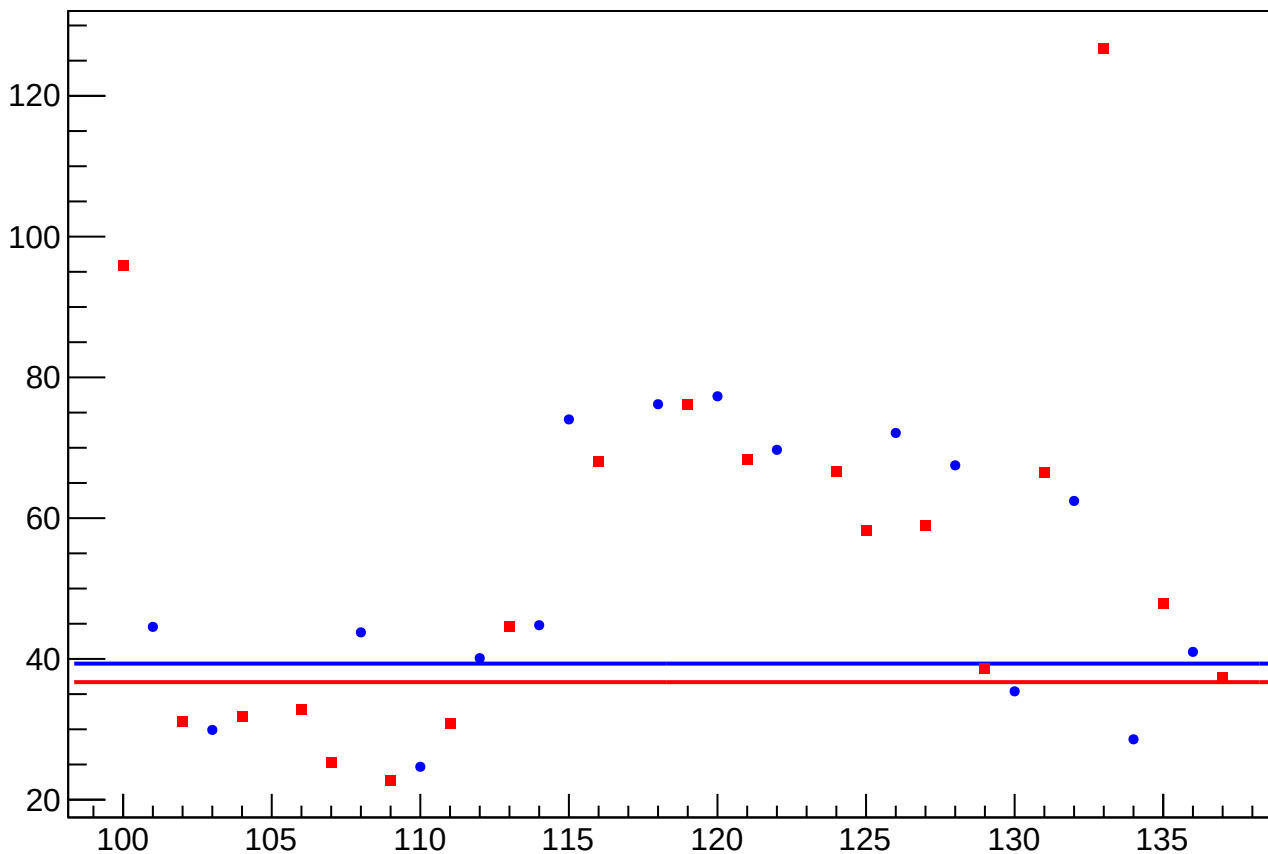
Right: 0.017+/-0.011 χ^2/NDF : 52.3/34

In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.011 χ^2/NDF : 52.3/34

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.335+/-0.011 χ^2/NDF : 1566525.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 36.700+/-0.011 χ^2/NDF : 2096756.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

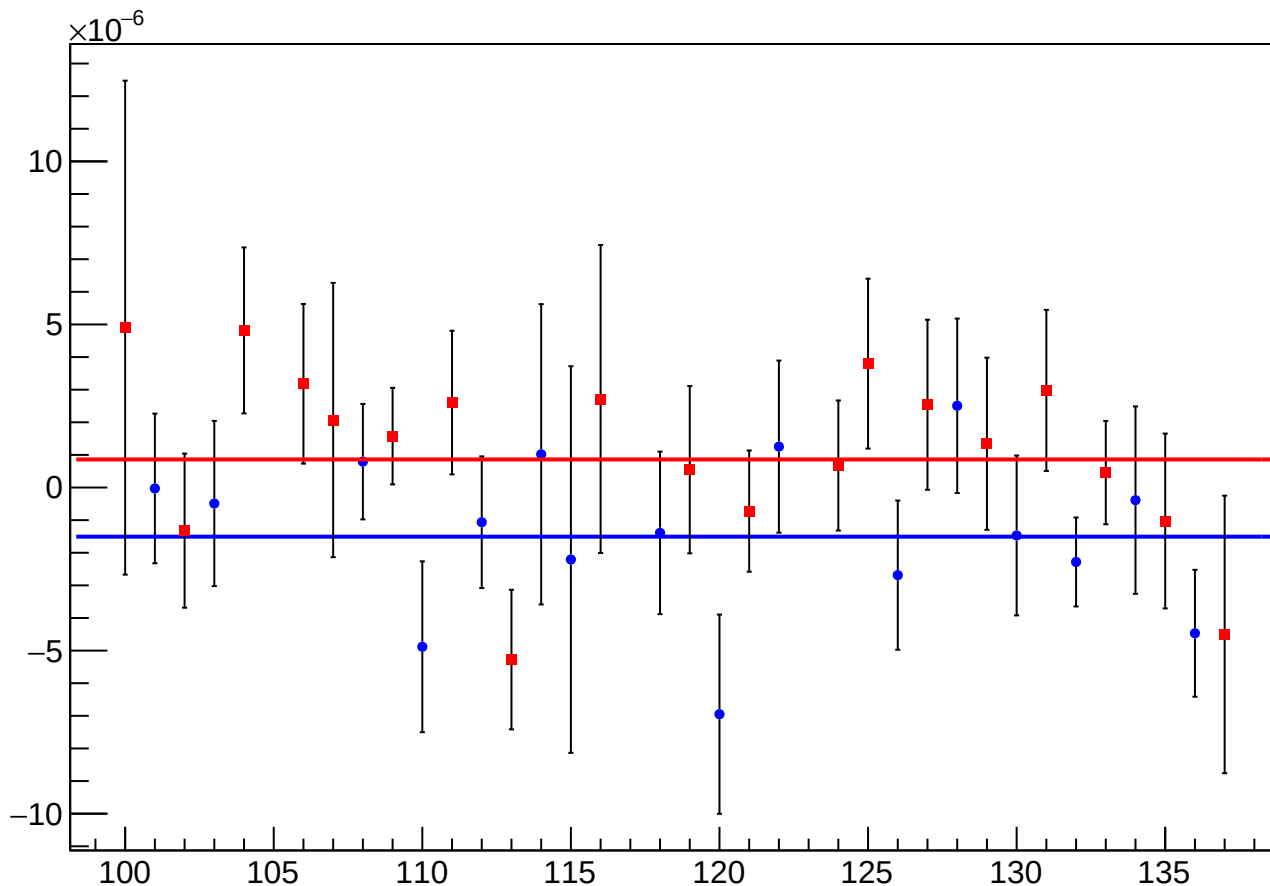
Right: 37.940+/-0.008 χ^2/NDF : 3691907.9/34

In: 39.335+/-0.011 χ^2/NDF :1566525.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.940+/-0.008 χ^2/NDF : 3691907.9/34

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 19.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

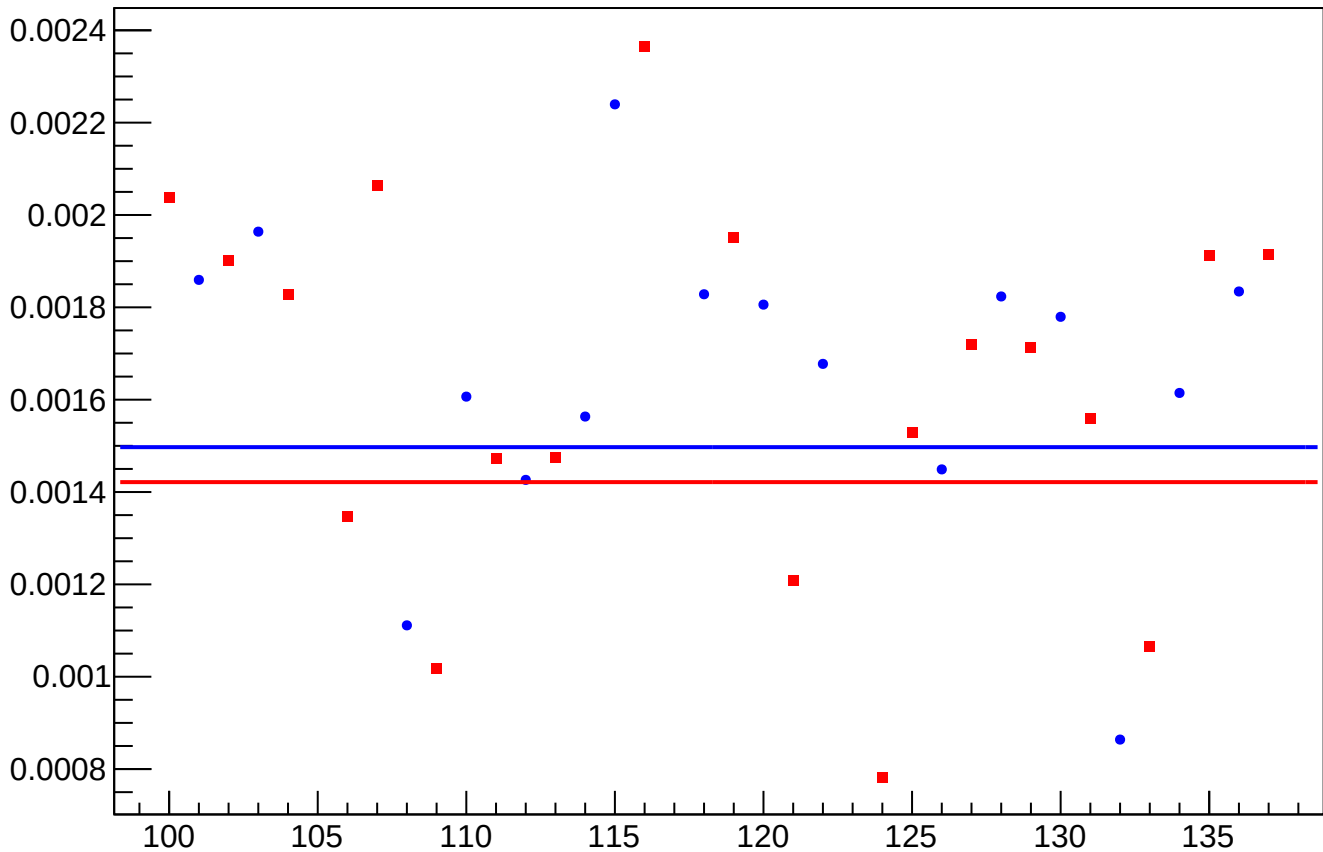
Right: -0.000+/-0.000 χ^2/NDF : 41.9/34

In: -0.000+/-0.000 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.9/34

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 867330.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 998047.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

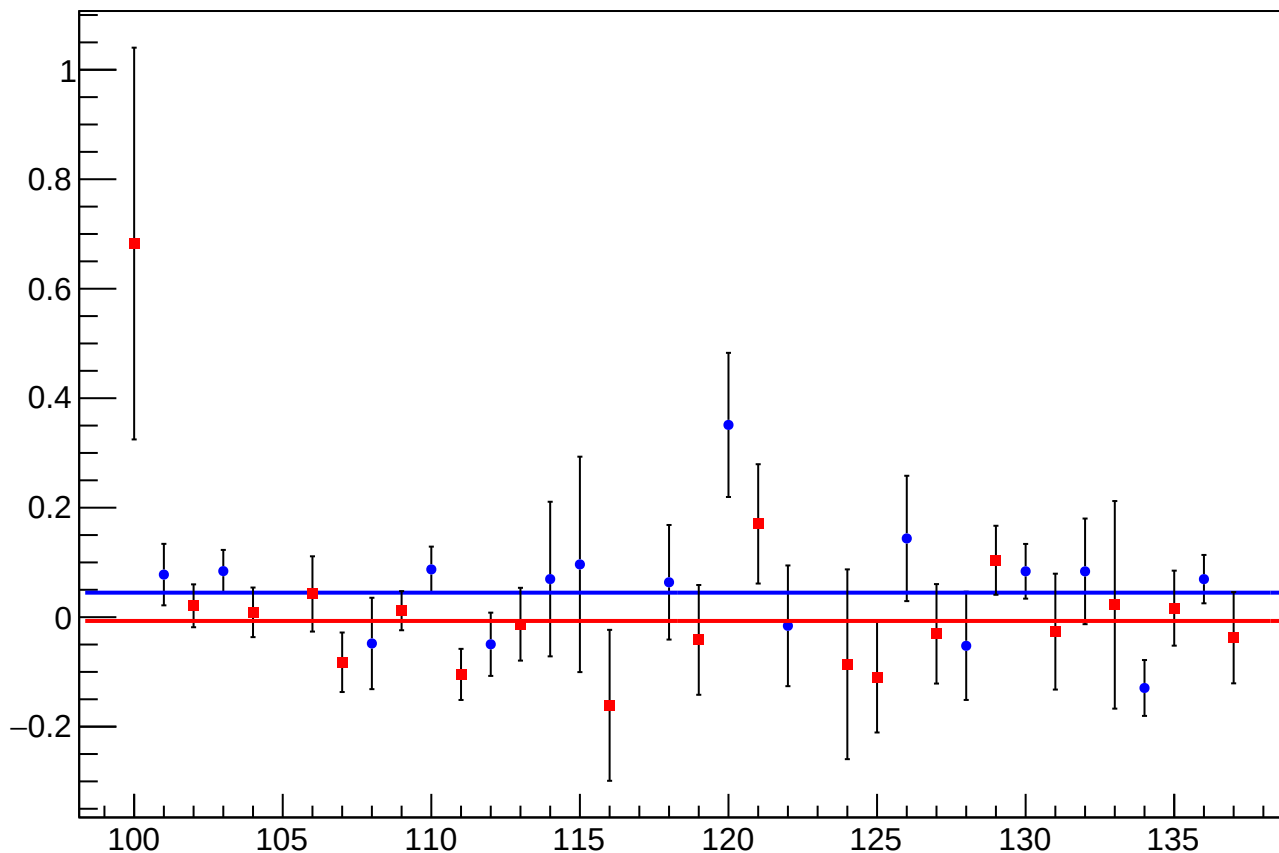
Right: 0.001+/-0.000 χ^2/NDF : 1883510.3/34

In: 0.001+/-0.000 χ^2/NDF :867330.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1883510.3/34

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045 $\pm$ 0.016 χ^2 /NDF: 26.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.015 χ^2 /NDF: 20.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

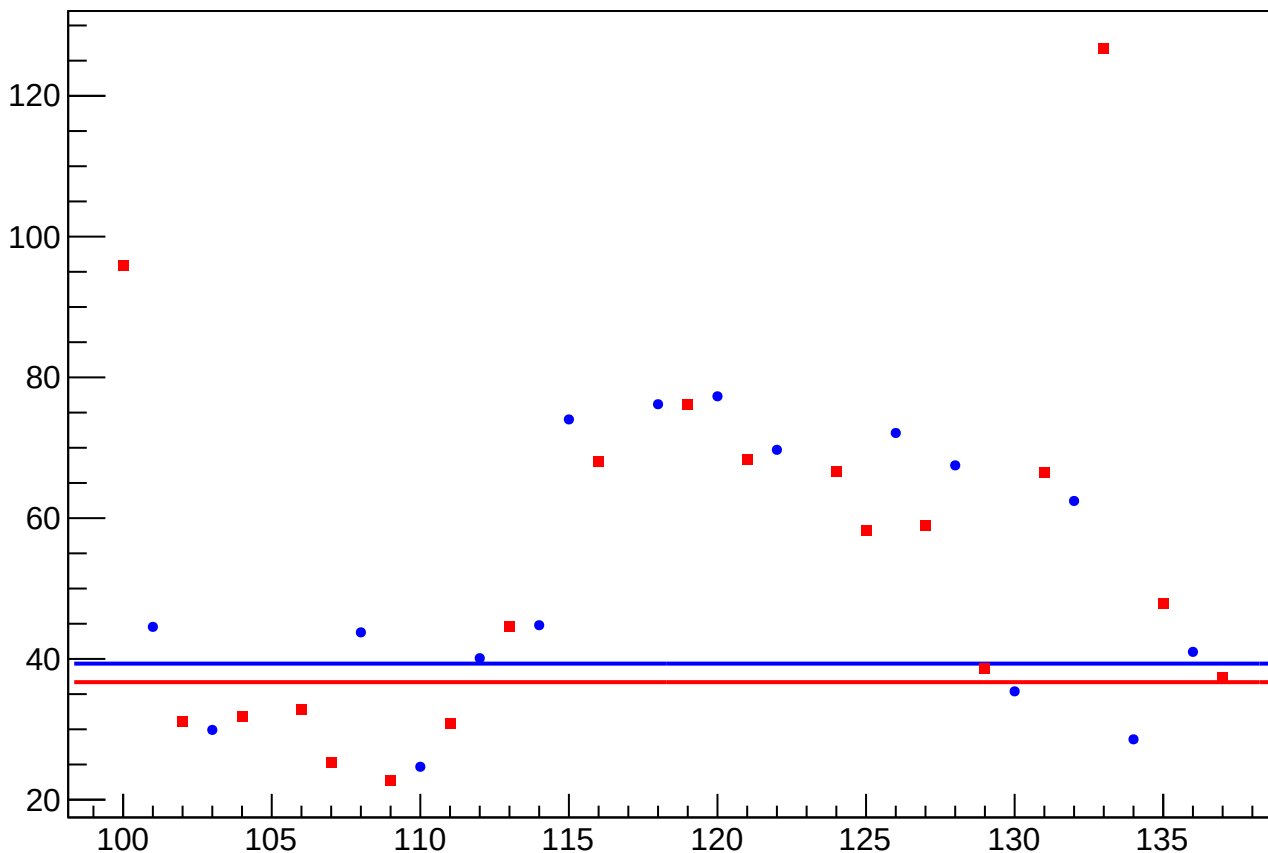
Right: 0.017 $\pm$ 0.011 χ^2 /NDF: 52.3/34

In: 0.045 $\pm$ 0.016 χ^2 /NDF:26.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.017 $\pm$ 0.011 χ^2 /NDF: 52.3/34

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.334+/-0.011 χ^2/NDF : 1566545.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.699+/-0.011 χ^2/NDF : 2096748.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

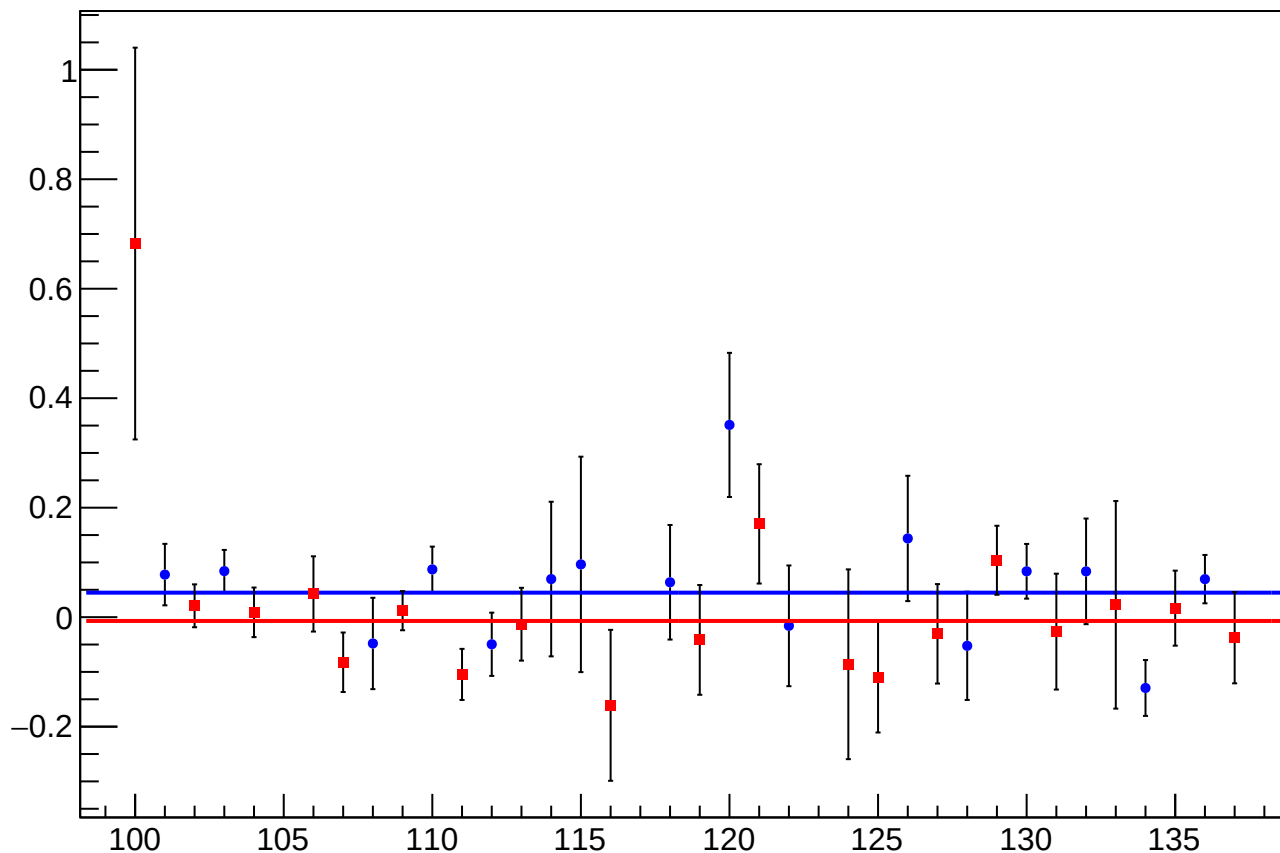
Right: 37.940+/-0.008 χ^2/NDF : 3691915.1/34

In: 39.334+/-0.011 χ^2/NDF : 1566545.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.940+/-0.008 χ^2/NDF : 3691915.1/34

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.007+/-0.015 χ^2/NDF : 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

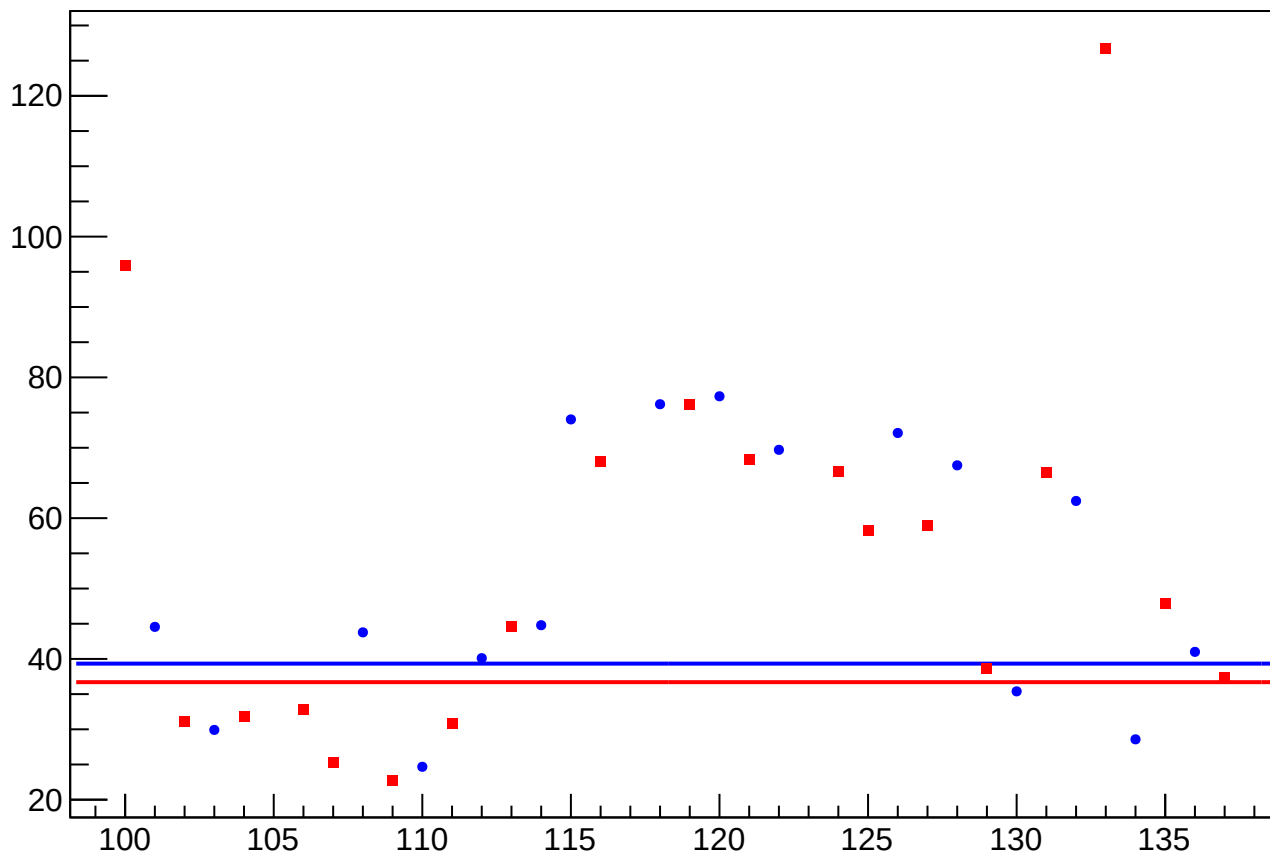
Right: 0.017+/-0.011 χ^2/NDF : 52.3/34

In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.017+/-0.011 χ^2/NDF : 52.3/34

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 39.334+/-0.011 χ^2/NDF : 1566545.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.699+/-0.011 χ^2/NDF : 2096748.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

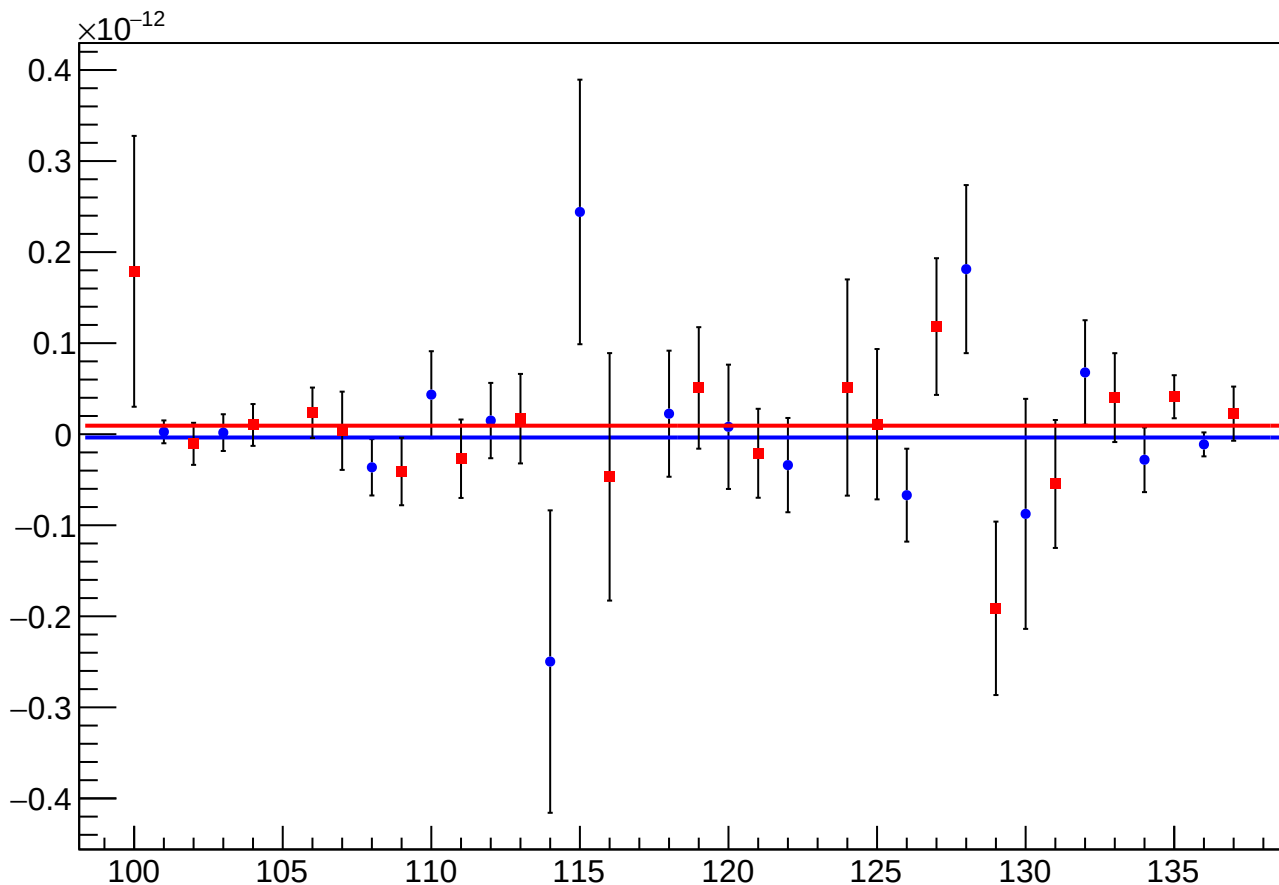
Right: 37.940+/-0.008 χ^2/NDF : 3691915.1/34

In: 39.334+/-0.011 χ^2/NDF : 1566545.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.940+/-0.008 χ^2/NDF : 3691915.1/34

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

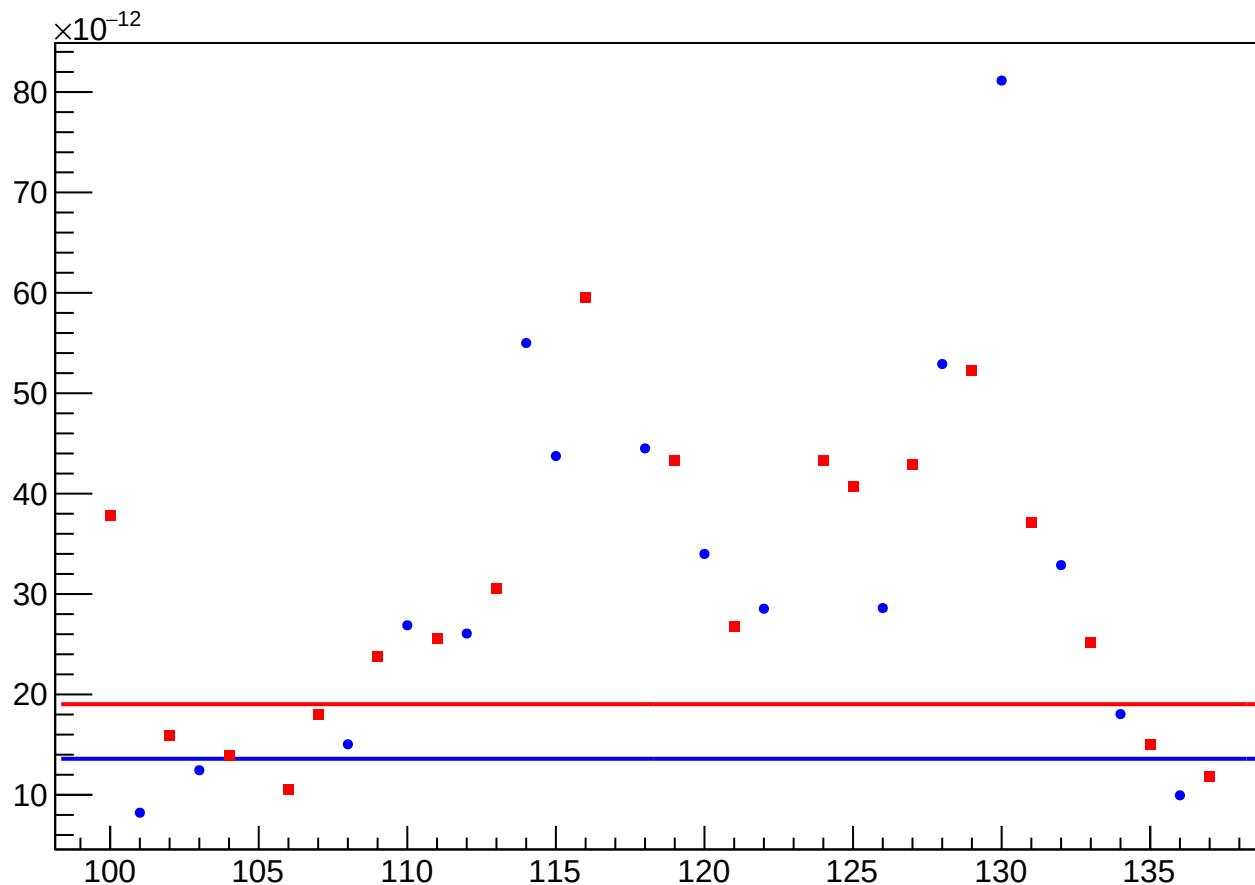
Right: 0.000+/-0.000 χ^2/NDF : 33.6/34

In: -0.000+/-0.000 χ^2/NDF : 16.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.6/34

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3187097.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2049385.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

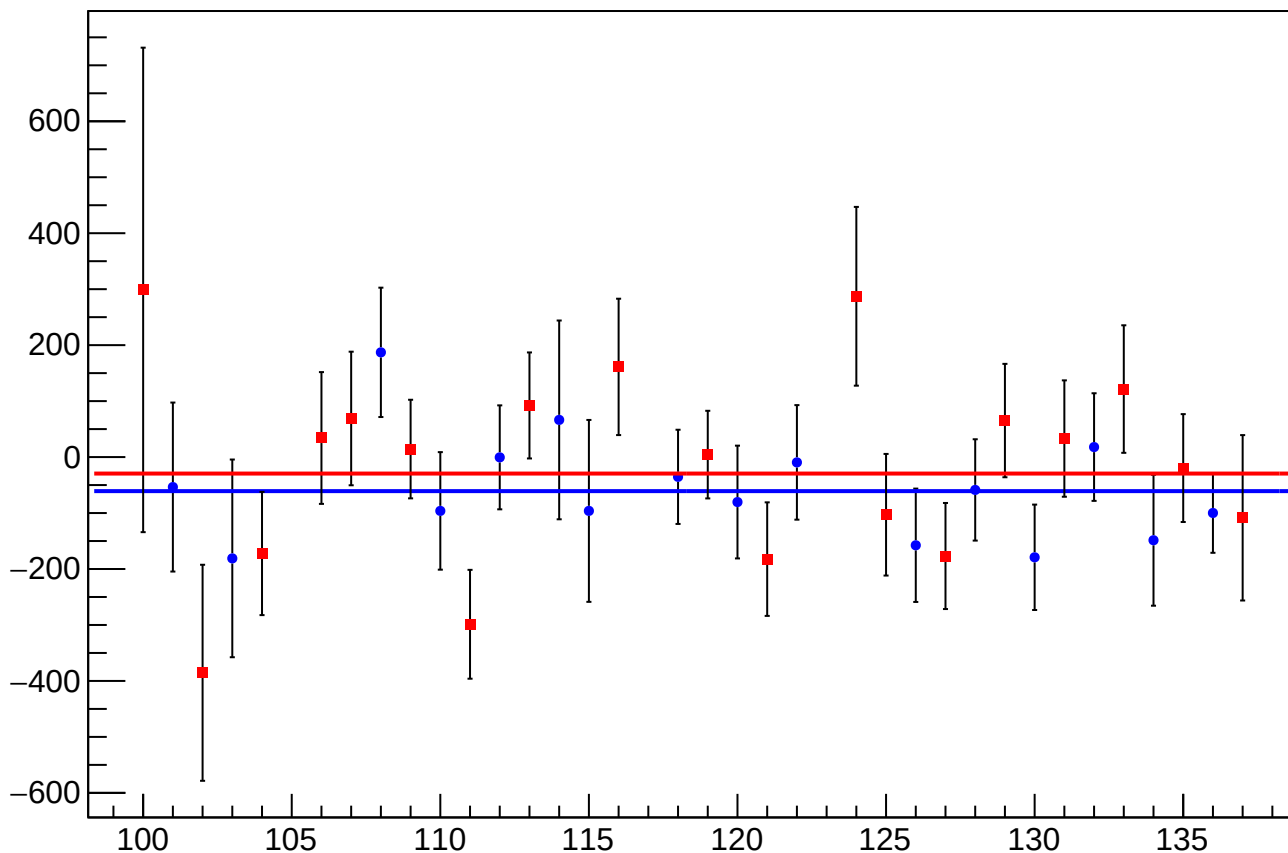
Right: 0.000+/-0.000 χ^2/NDF : 5674807.3/34

In: 0.000+/-0.000 χ^2/NDF : 3187097.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5674807.3/34

reg_asym_sam7_mean vs Slug, Sign Corrected



Right In: -60.846 $\pm$ 26.054 χ^2 /NDF: 10.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.453 $\pm$ 25.105 χ^2 /NDF: 31.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

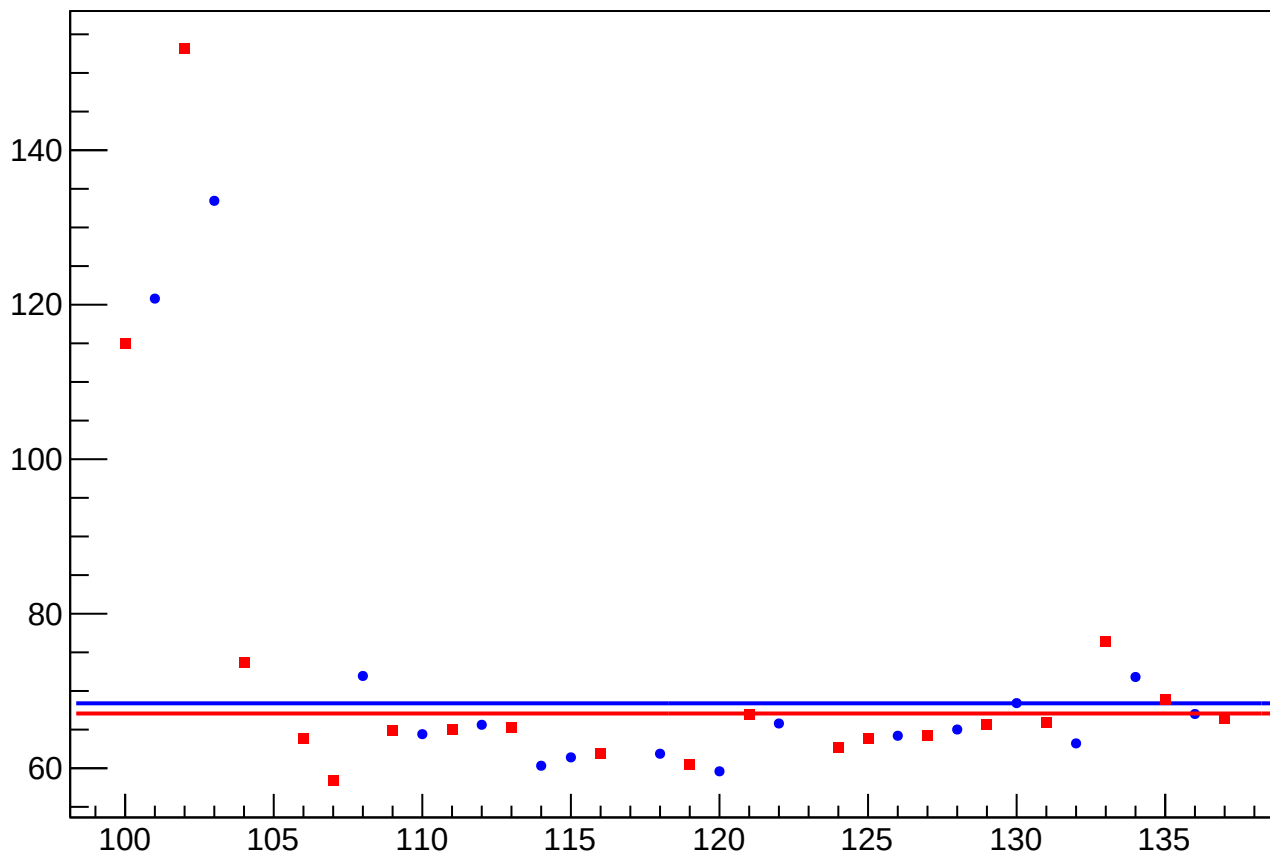
Right: -44.568 $\pm$ 18.078 χ^2 /NDF: 42.5/34

In: -60.846 $\pm$ 26.054 χ^2 /NDF:10.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.568 $\pm$ 18.078 χ^2 /NDF: 42.5/34

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.403+/-0.018 χ^2/NDF : 569557.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.086+/-0.018 χ^2/NDF : 481815.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

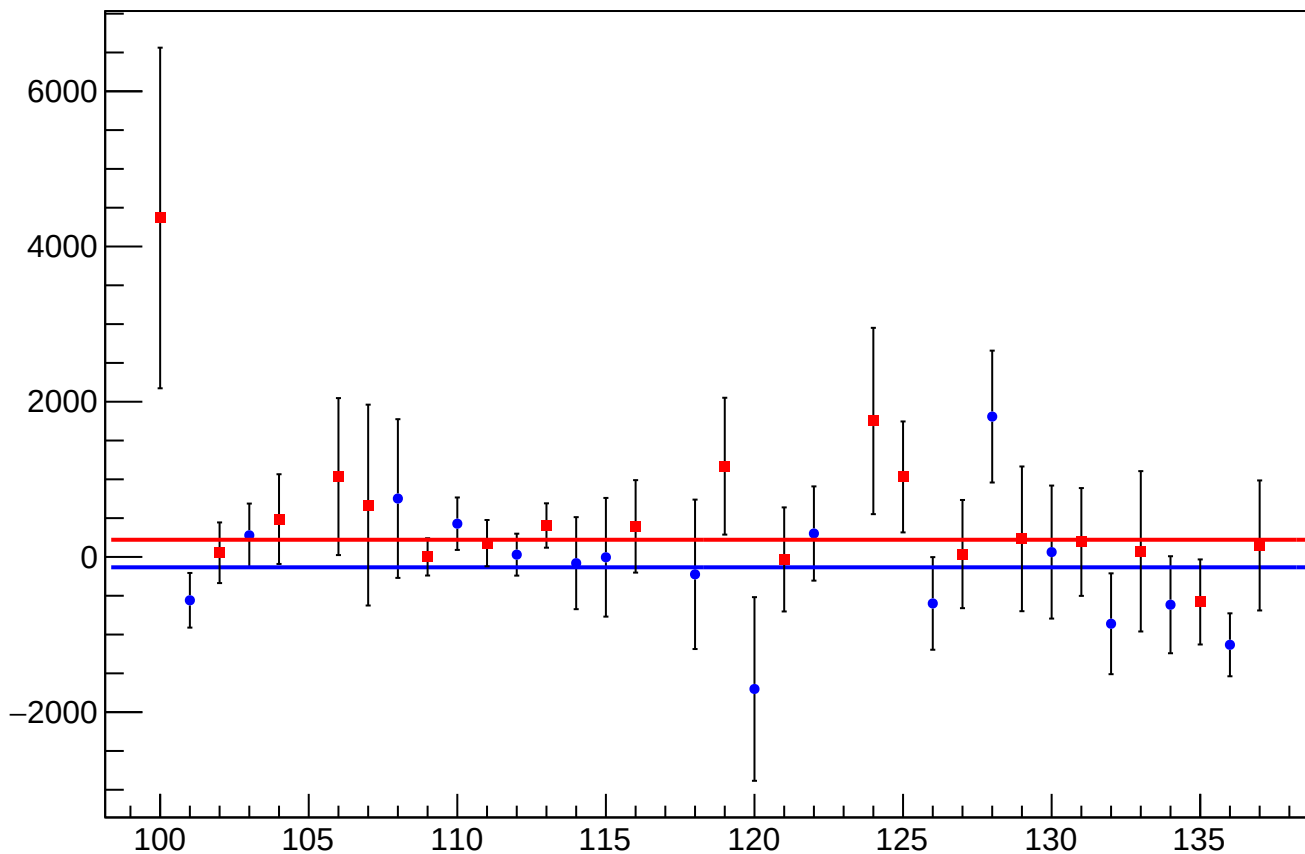
Right: 67.720+/-0.013 χ^2/NDF : 1054024.8/34

In: 68.403+/-0.018 χ^2/NDF : 569557.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.720+/-0.013 χ^2/NDF : 1054024.8/34

asym_sam7_reg_correction_mean vs Slug, Sign Corrected



Right In: -133.590+/-125.904 χ^2/NDF : 22.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 221.324+/-117.783 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

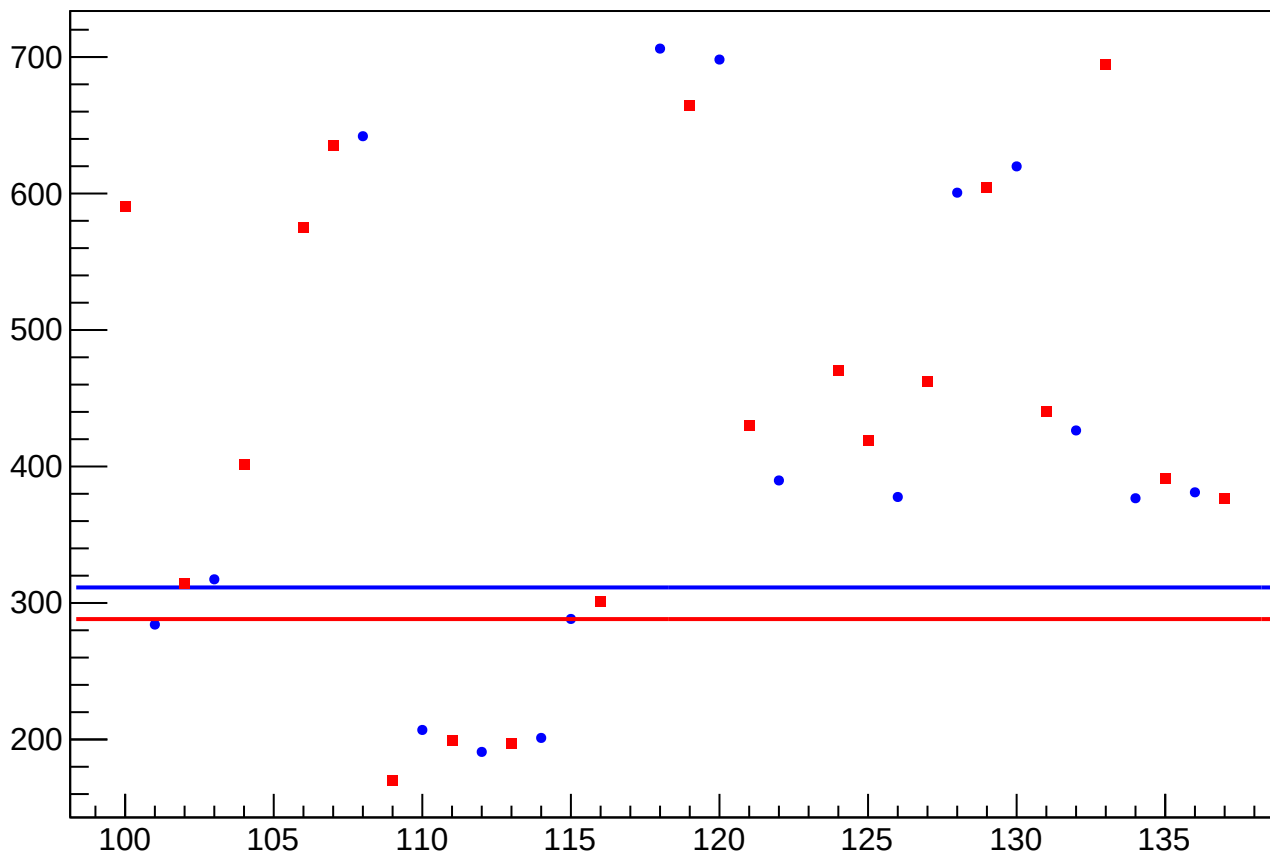
Right: 55.682+/-86.013 χ^2/NDF : 39.2/34

In: -133.590+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.682+/-86.013 χ^2/NDF : 39.2/34

asym_sam7_reg_correction_rms vs Slug, Sign Corrected



Right In: 311.386+/-0.089 χ^2/NDF : 2123797.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.205+/-0.083 χ^2/NDF : 2715380.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

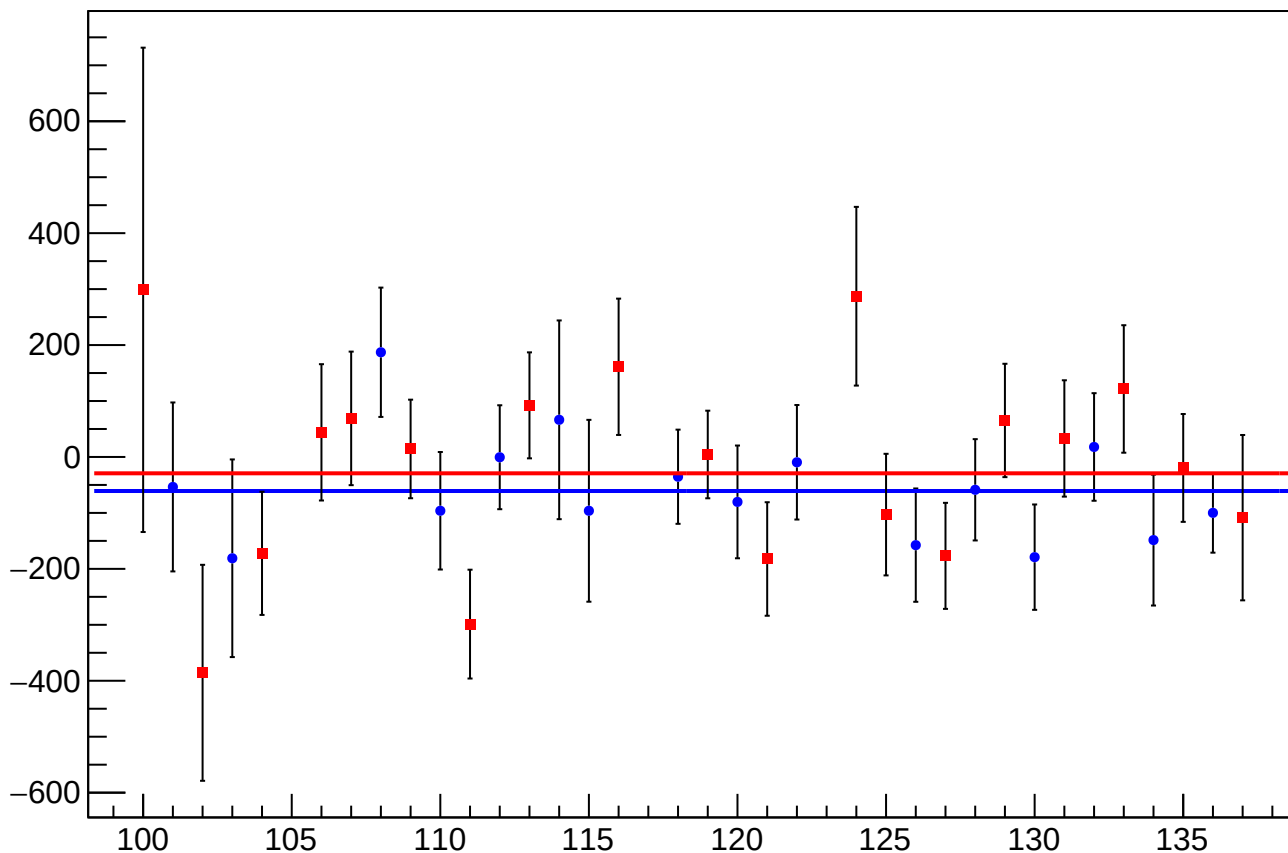
Right: 299.024+/-0.061 χ^2/NDF : 4875335.3/34

In: 311.386+/-0.089 χ^2/NDF : 2123797.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 299.024+/-0.061 χ^2/NDF : 4875335.3/34

cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -60.848 $\pm$ 26.054 χ^2 /NDF: 10.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.221 $\pm$ 25.143 χ^2 /NDF: 31.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

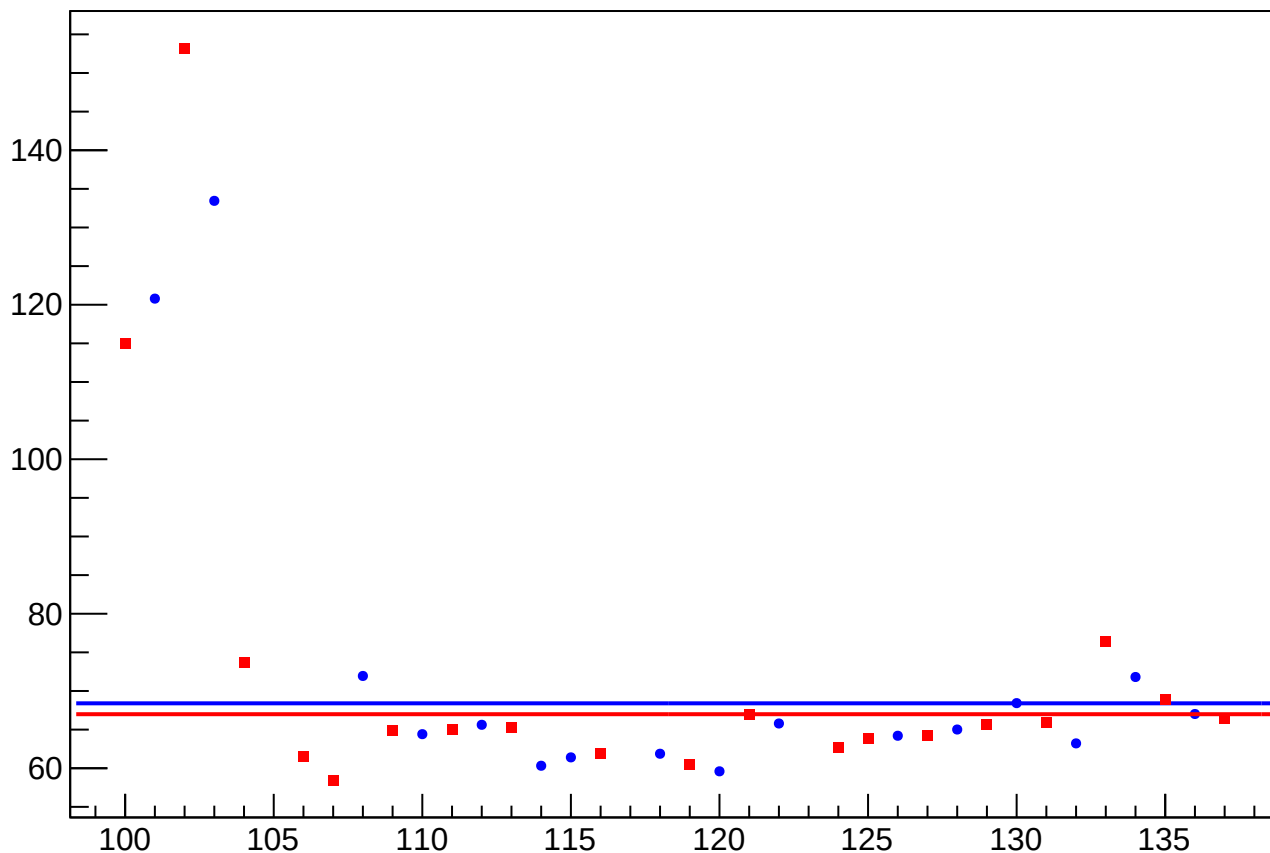
Right: -44.472 $\pm$ 18.092 χ^2 /NDF: 42.6/34

In: -60.848 $\pm$ 26.054 χ^2 /NDF:10.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.472 $\pm$ 18.092 χ^2 /NDF: 42.6/34

cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.403 $\pm$ 0.018 χ^2 /NDF: 569557.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 66.995 $\pm$ 0.018 χ^2 /NDF: 484487.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

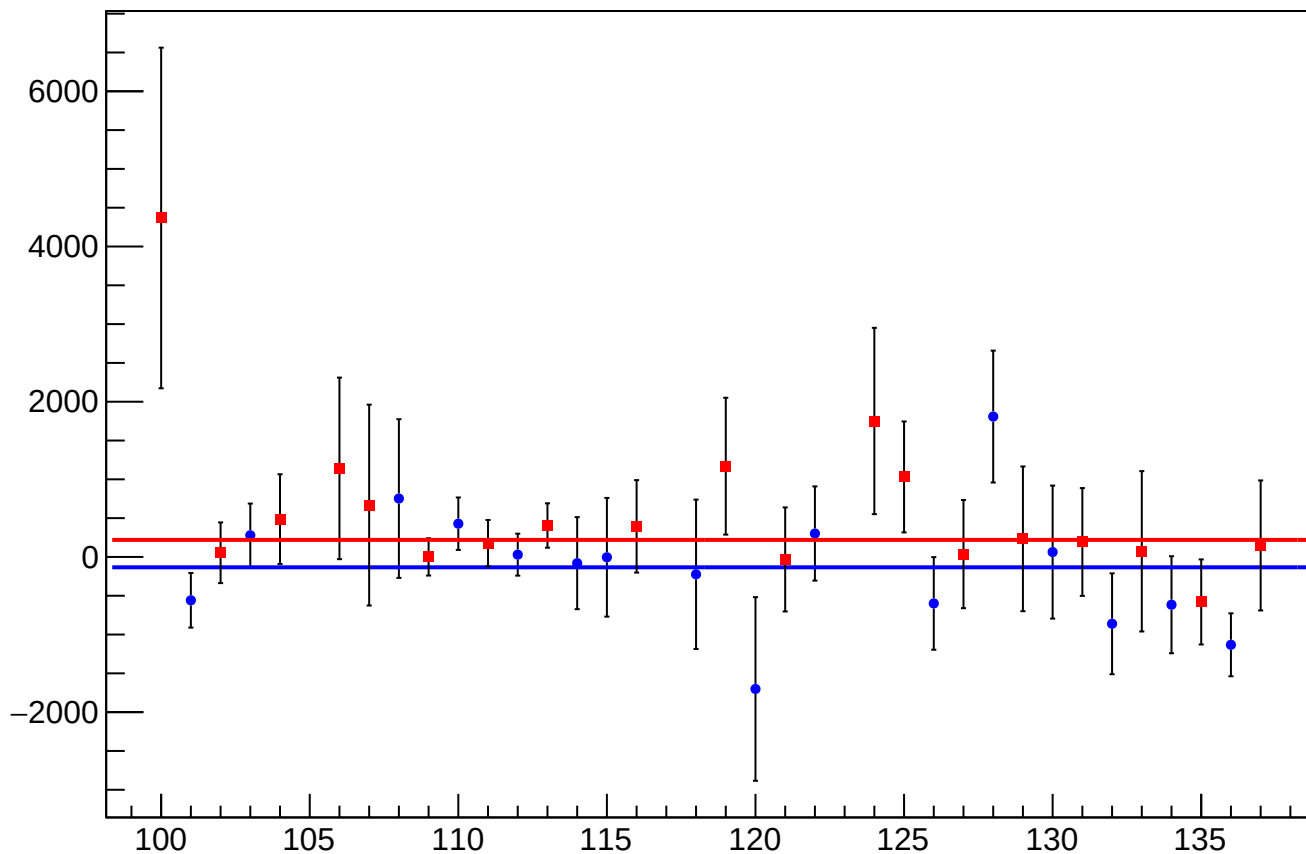
Right: 67.674 $\pm$ 0.013 χ^2 /NDF: 1057072.9/34

In: 68.403 $\pm$ 0.018 χ^2 /NDF:569557.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.674 $\pm$ 0.013 χ^2 /NDF: 1057072.9/34

asym_sam7_cor_correction_mean vs Slug, Sign Corrected



Right In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.615+/-117.989 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

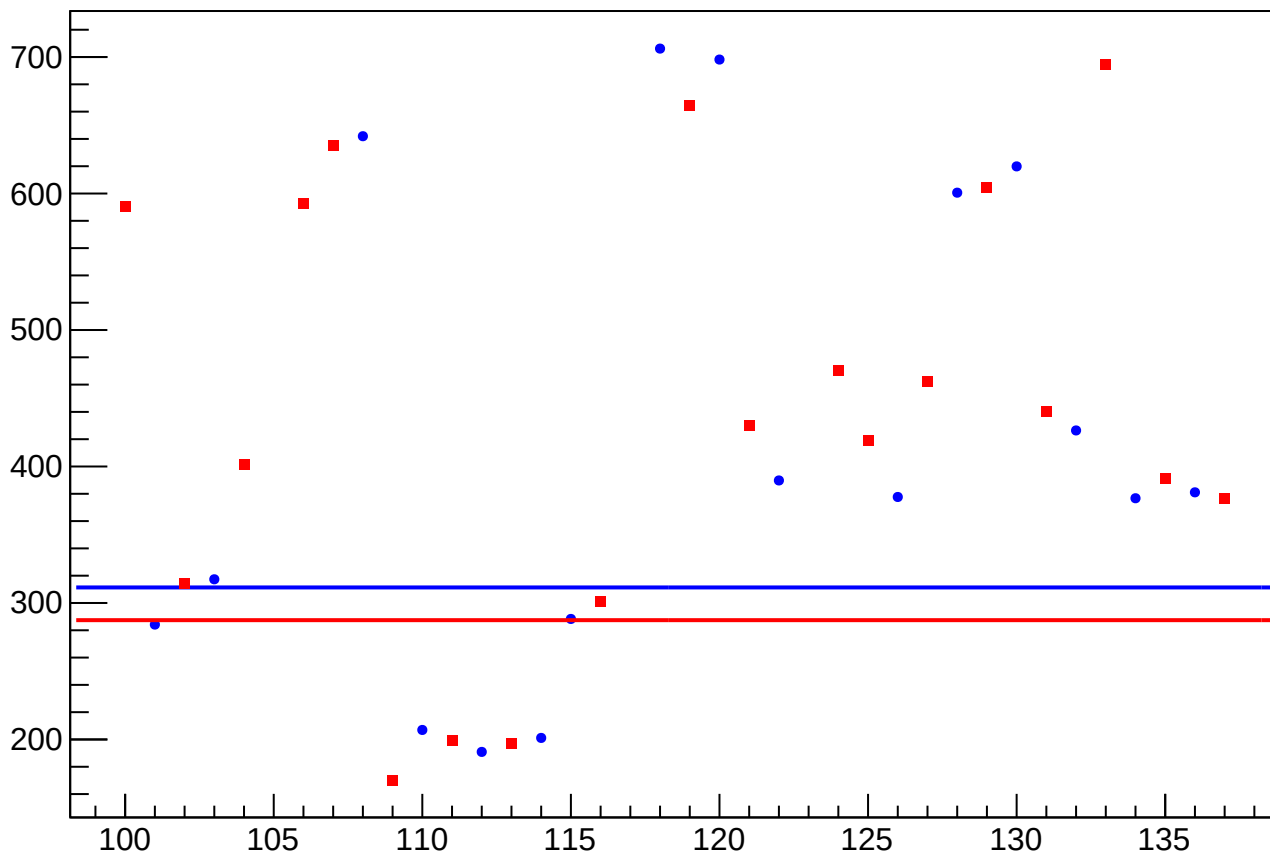
Right: 54.464+/-86.093 χ^2/NDF : 39.2/34

In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.464+/-86.093 χ^2/NDF : 39.2/34

asym_sam7_cor_correction_rms vs Slug, Sign Corrected



Right In: 311.388+/-0.089 χ^2/NDF : 2123799.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.413+/-0.083 χ^2/NDF : 2690258.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

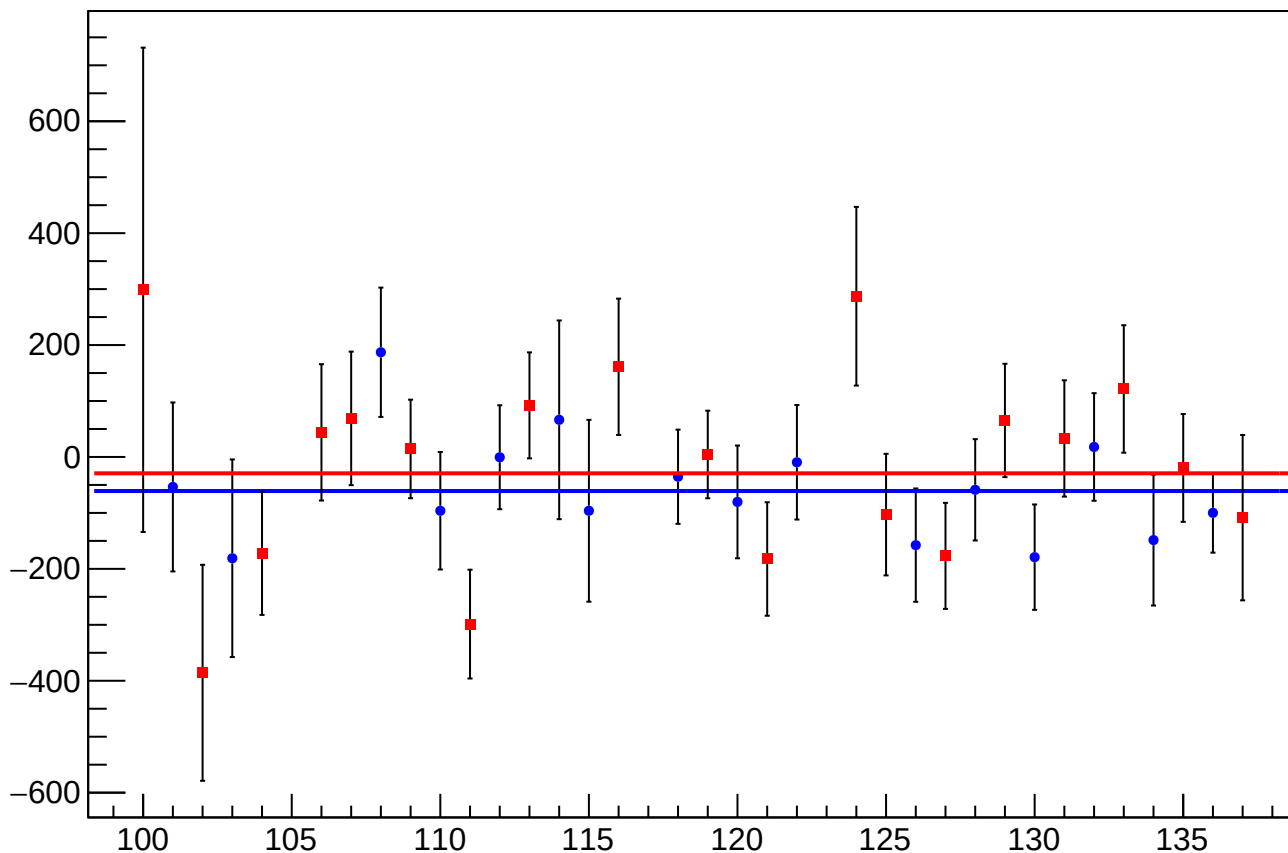
Right: 298.623+/-0.061 χ^2/NDF : 4852668.8/34

In: 311.388+/-0.089 χ^2/NDF : 2123799.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.623+/-0.061 χ^2/NDF : 4852668.8/34

eigen_cor_asym_sam7_mean vs Slug, Sign Corrected



Right In: -60.848 $\pm$ 26.054 χ^2 /NDF: 10.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.221 $\pm$ 25.143 χ^2 /NDF: 31.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

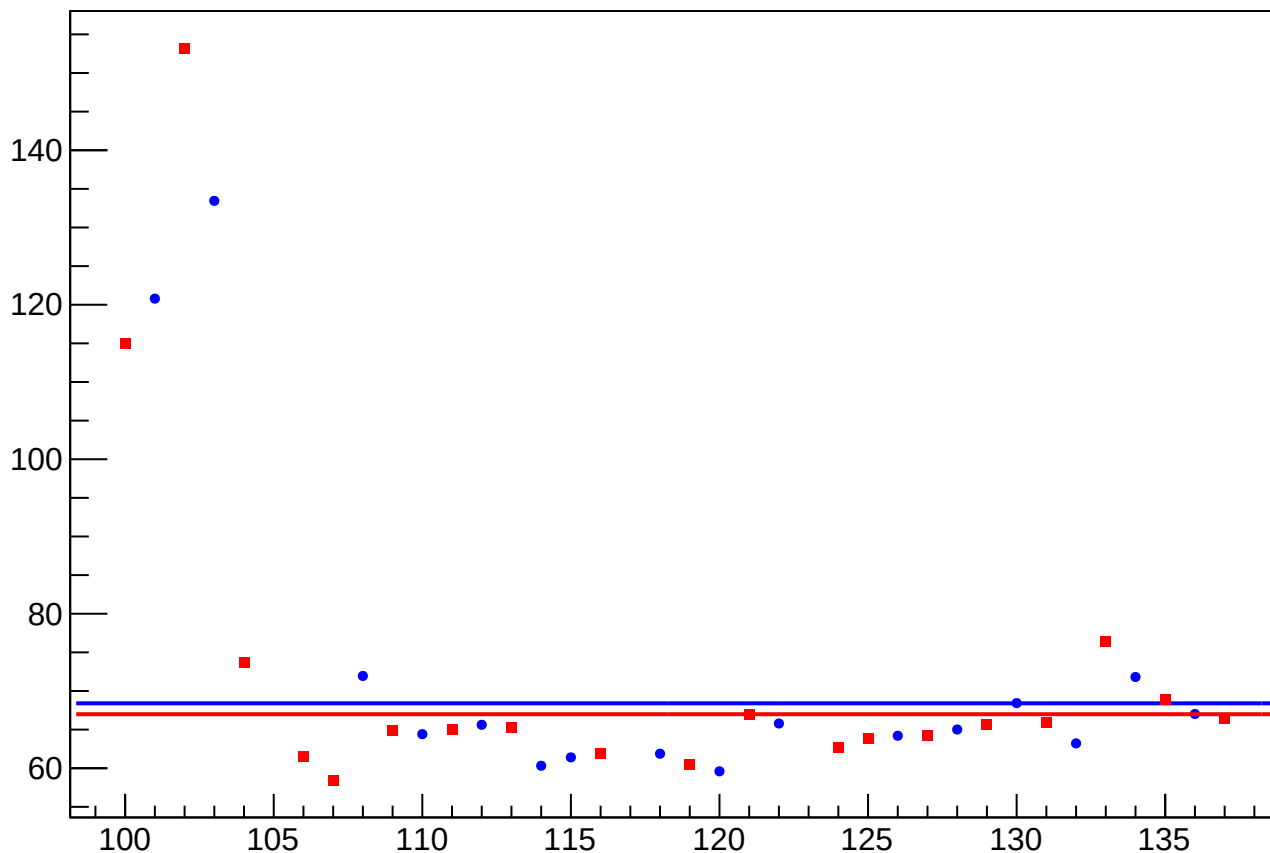
Right: -44.472 $\pm$ 18.092 χ^2 /NDF: 42.6/34

In: -60.848 $\pm$ 26.054 χ^2 /NDF:10.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.472 $\pm$ 18.092 χ^2 /NDF: 42.6/34

eigen_cor_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.403+/-0.018 χ^2/NDF : 569557.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 66.995+/-0.018 χ^2/NDF : 484487.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

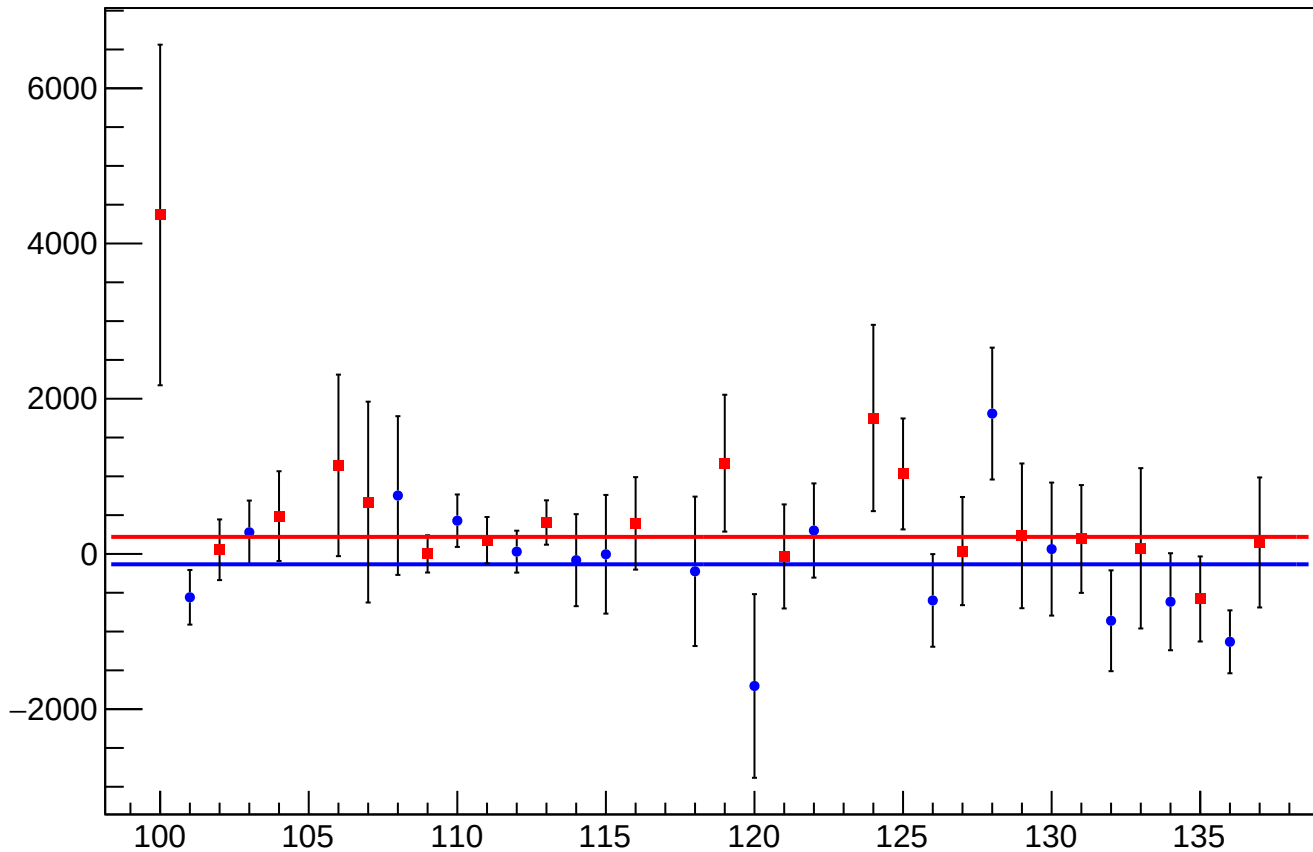
Right: 67.674+/-0.013 χ^2/NDF : 1057072.9/34

In: 68.403+/-0.018 χ^2/NDF : 569557.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.674+/-0.013 χ^2/NDF : 1057072.9/34

asym_sam7_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 219.615+/-117.989 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

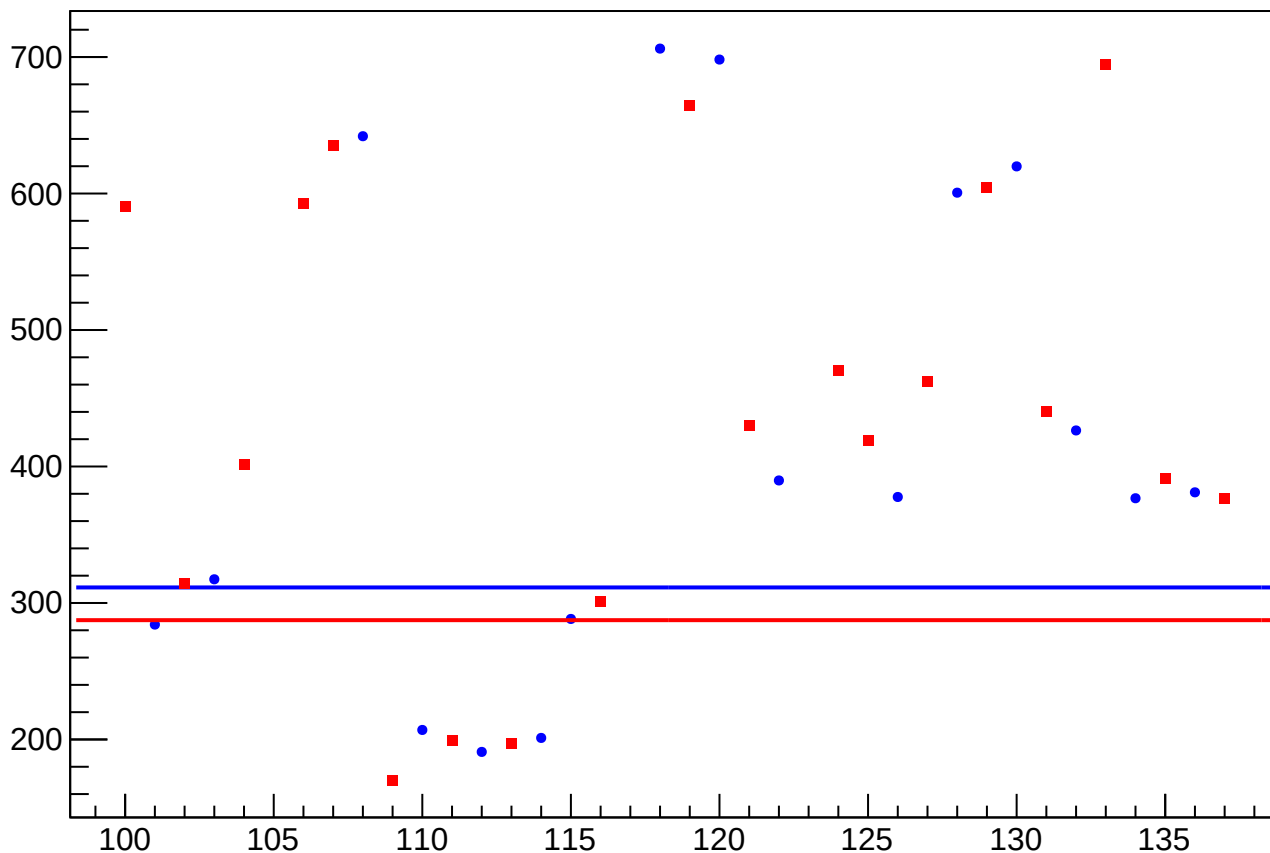
Right: 54.464+/-86.093 χ^2/NDF : 39.2/34

In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.464+/-86.093 χ^2/NDF : 39.2/34

asym_sam7_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 311.388+/-0.089 χ^2/NDF : 2123799.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.413+/-0.083 χ^2/NDF : 2690258.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

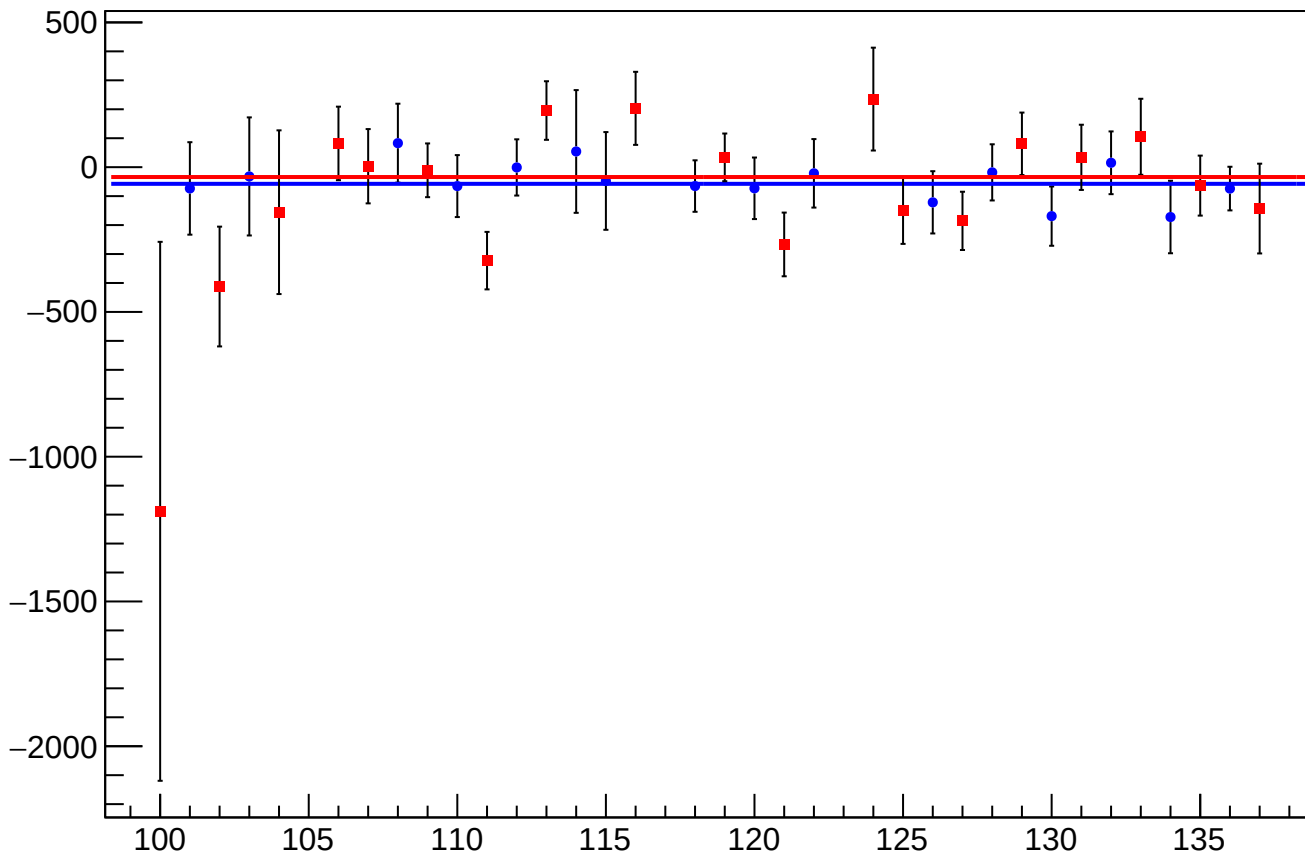
Right: 298.623+/-0.061 χ^2/NDF : 4852668.8/34

In: 311.388+/-0.089 χ^2/NDF : 2123799.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.623+/-0.061 χ^2/NDF : 4852668.8/34

dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.533 ± 28.087 χ^2/NDF : 4.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.033 ± 27.398 χ^2/NDF : 37.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

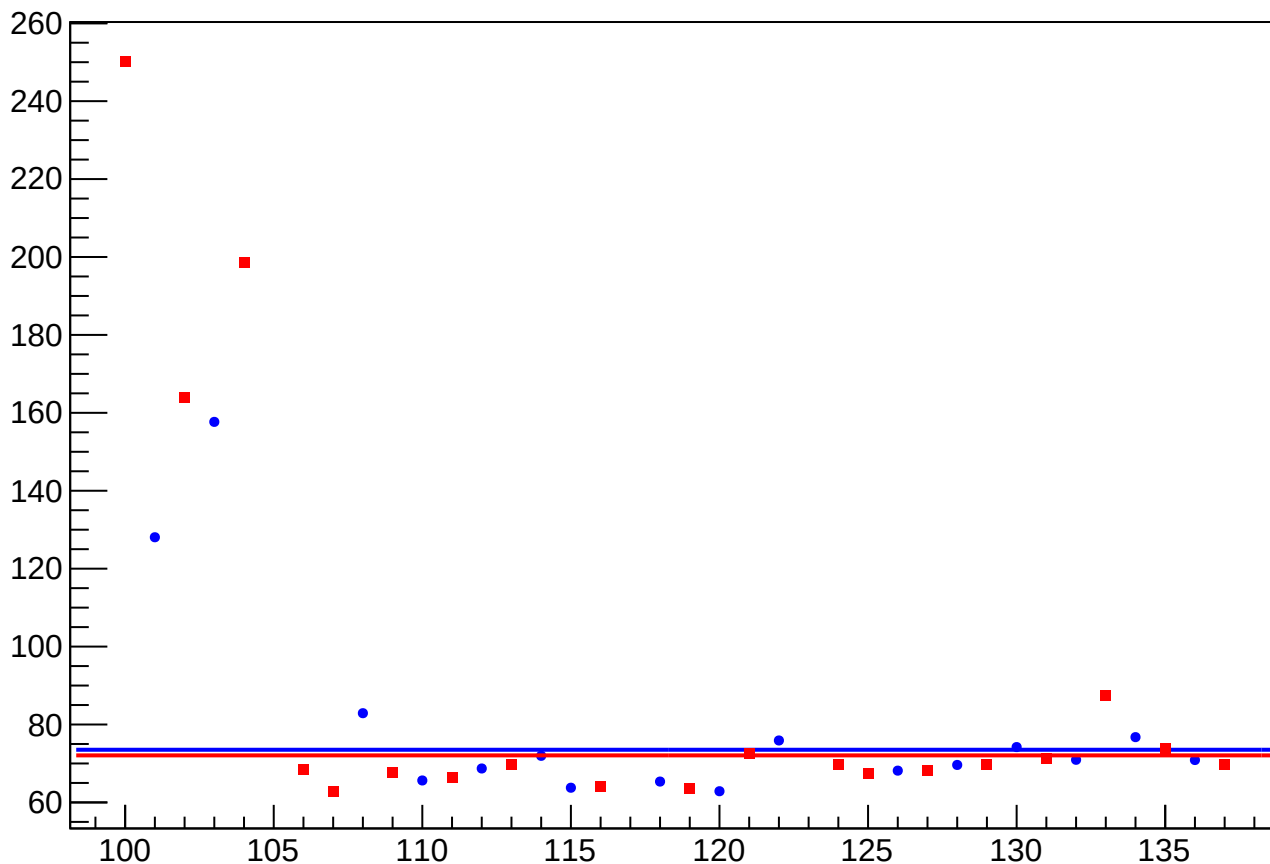
Right: -45.491 ± 19.612 χ^2/NDF : 42.4/34

In: -57.533 ± 28.087 χ^2/NDF : 4.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.491 ± 19.612 χ^2/NDF : 42.4/34

dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.519+/-0.020 χ^2/NDF : 656847.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.074+/-0.019 χ^2/NDF : 958495.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

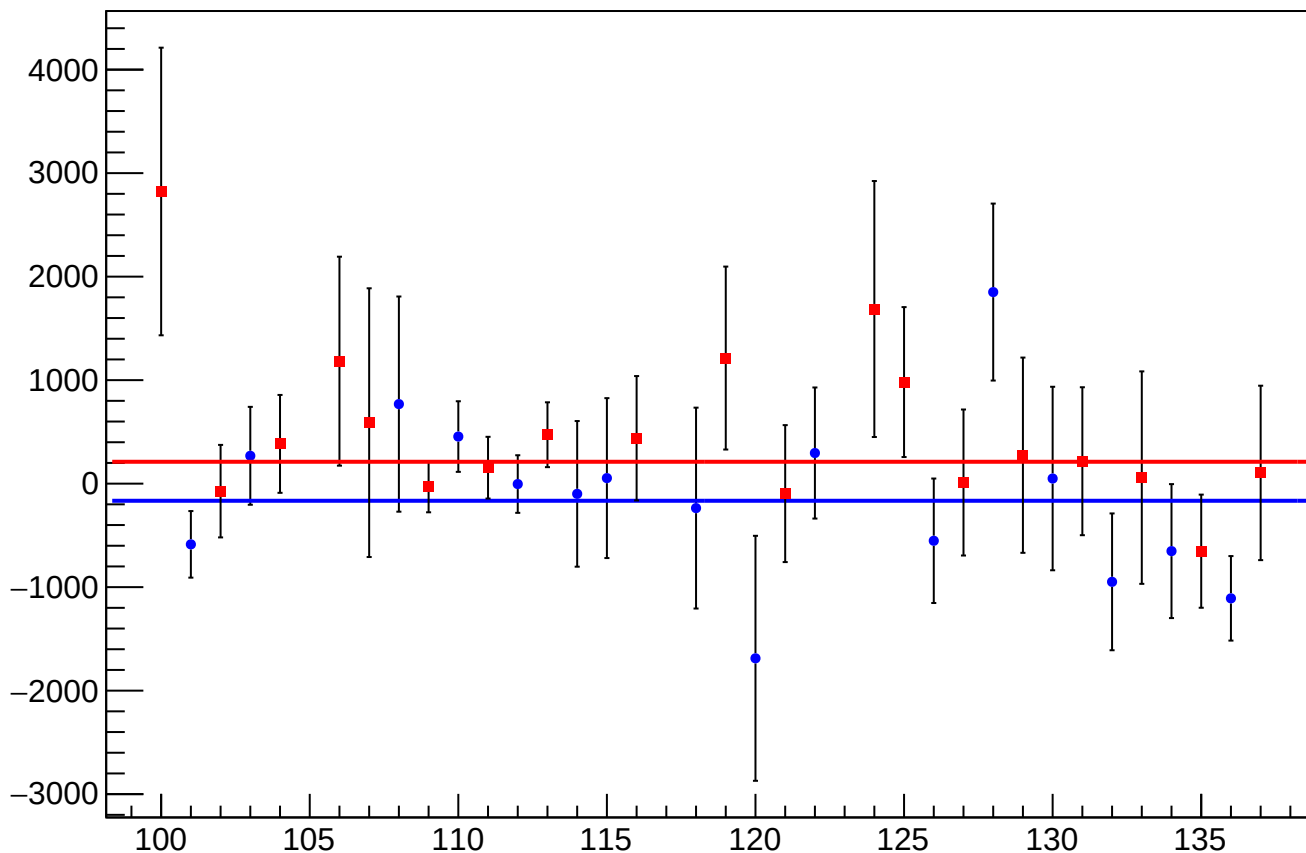
Right: 72.779+/-0.014 χ^2/NDF : 1618055.3/34

In: 73.519+/-0.020 χ^2/NDF : 656847.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.779+/-0.014 χ^2/NDF : 1618055.3/34

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -165.500 $\pm$ 128.438 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 211.347 $\pm$ 120.122 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

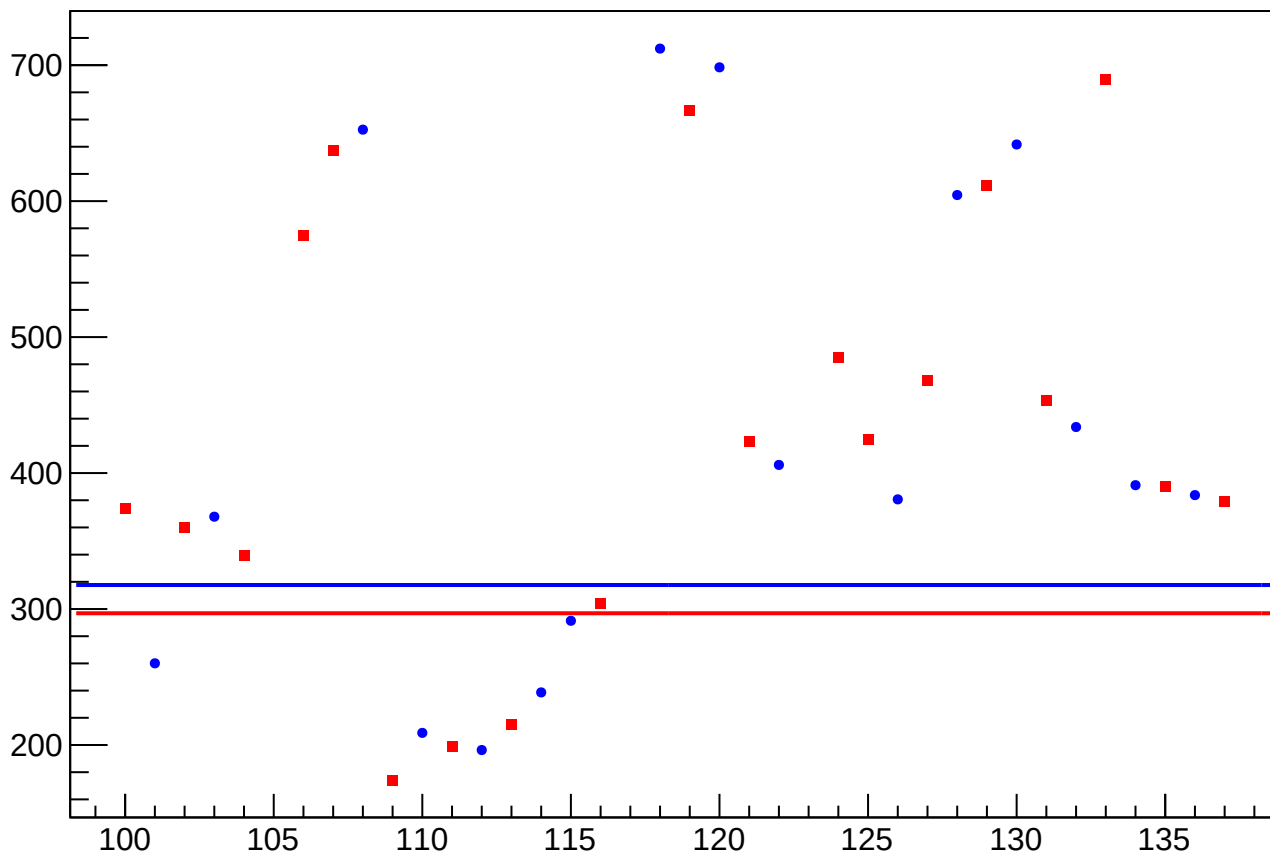
Right: 35.518 $\pm$ 87.732 χ^2 /NDF: 40.8/34

In: -165.500 $\pm$ 128.438 χ^2 /NDF: 22.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.518 $\pm$ 87.732 χ^2 /NDF: 40.8/34

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 317.664 $\pm$ 0.091 χ^2 /NDF: 2136192.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 296.888 $\pm$ 0.085 χ^2 /NDF: 2541040.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

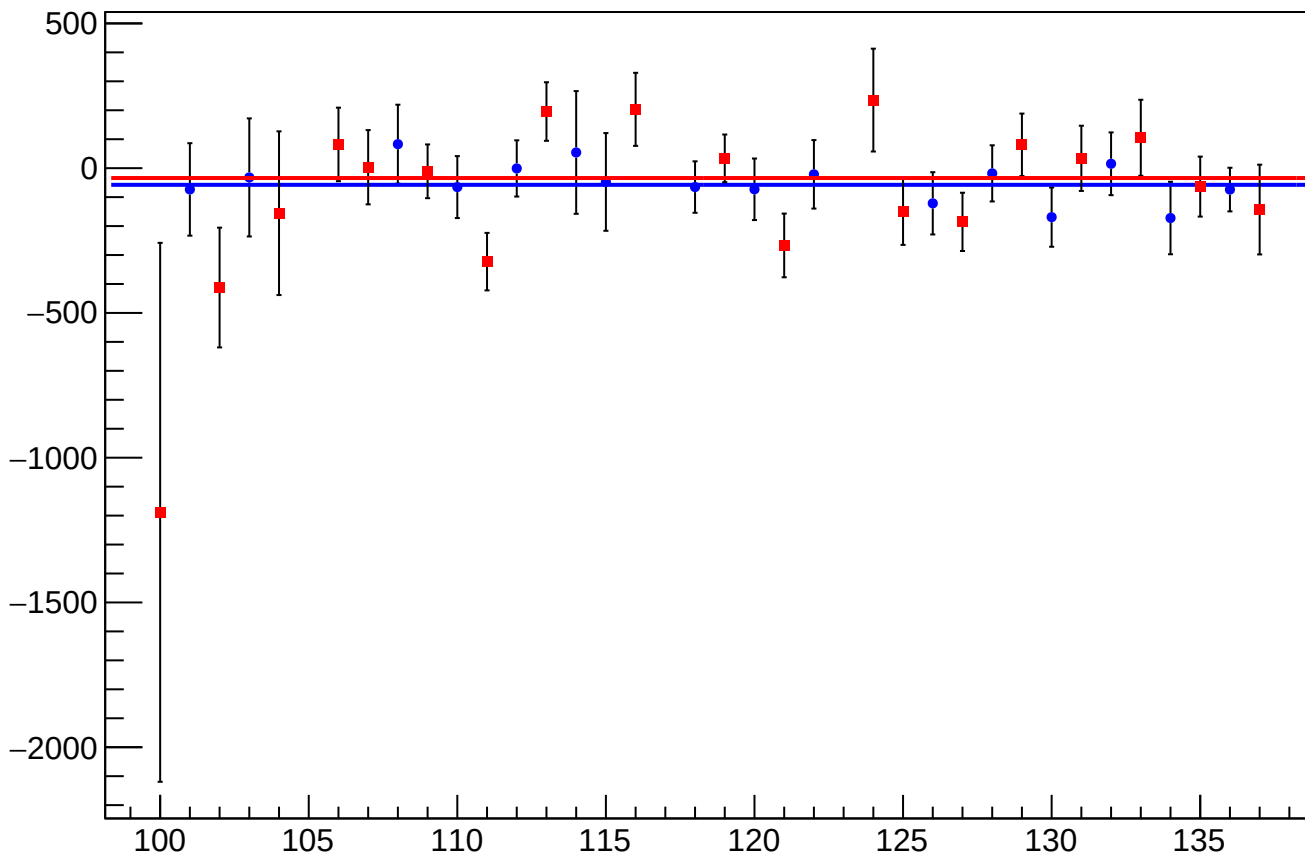
Right: 306.582 $\pm$ 0.062 χ^2 /NDF: 4705147.7/34

In: 317.664 $\pm$ 0.091 χ^2 /NDF:2136192.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.582 $\pm$ 0.062 χ^2 /NDF: 4705147.7/34

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.532 ± 28.087 χ^2/NDF : 4.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.034 ± 27.398 χ^2/NDF : 37.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

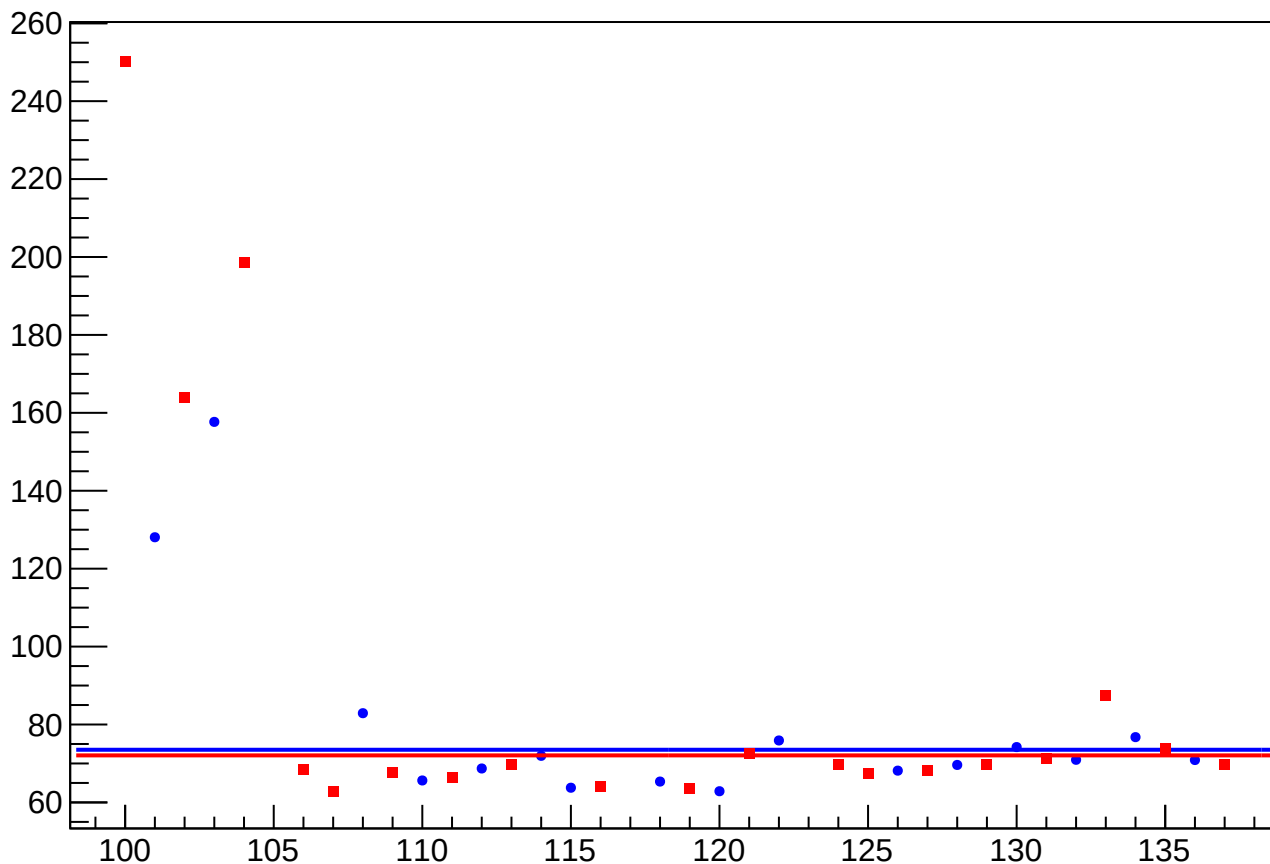
Right: -45.491 ± 19.612 χ^2/NDF : 42.4/34

In: -57.532 ± 28.087 χ^2/NDF : 4.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -45.491 ± 19.612 χ^2/NDF : 42.4/34

eigen_dit_asym_sam7_rms vs Slug, Sign Corrected



Right In: 73.519+/-0.020 χ^2/NDF : 656849.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.074+/-0.019 χ^2/NDF : 958496.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

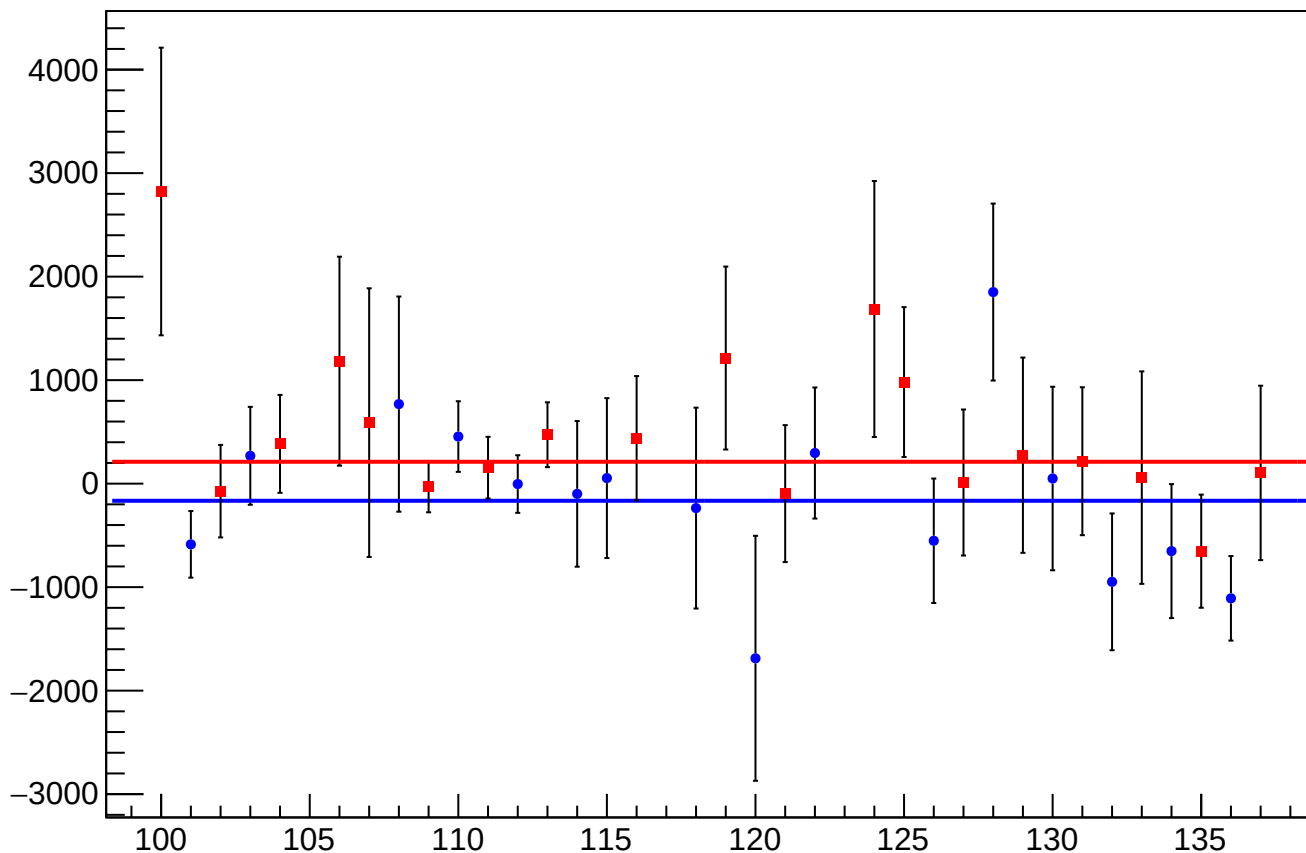
Right: 72.778+/-0.014 χ^2/NDF : 1618058.1/34

In: 73.519+/-0.020 χ^2/NDF : 656849.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.778+/-0.014 χ^2/NDF : 1618058.1/34

asym_sam7_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -165.498+/-128.437 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 211.347+/-120.121 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

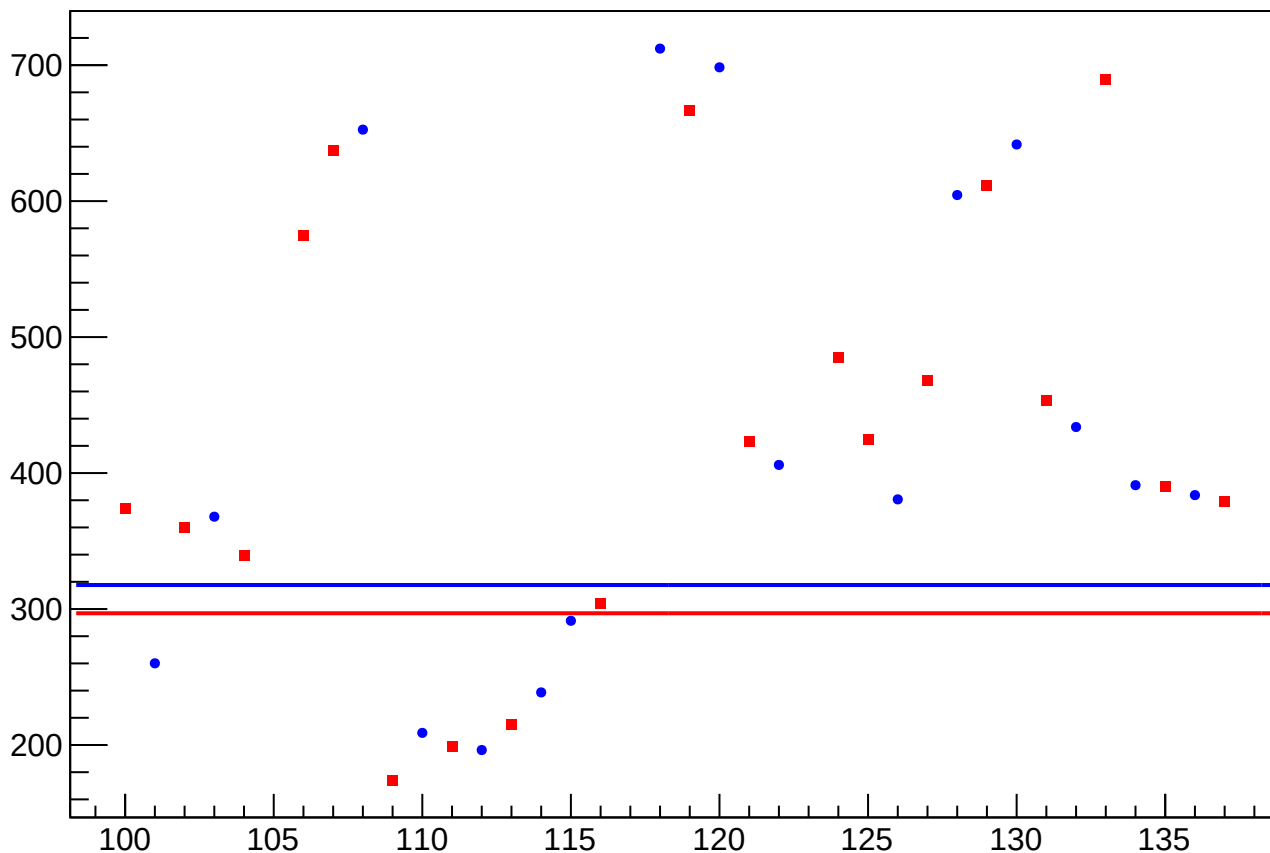
Right: 35.517+/-87.731 χ^2/NDF : 40.8/34

In: -165.498+/-128.437 χ^2/NDF :22.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 35.517+/-87.731 χ^2/NDF : 40.8/34

asym_sam7_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 317.661 $\pm$ 0.091 χ^2 /NDF: 2136224.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 296.887 $\pm$ 0.085 χ^2 /NDF: 2541051.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

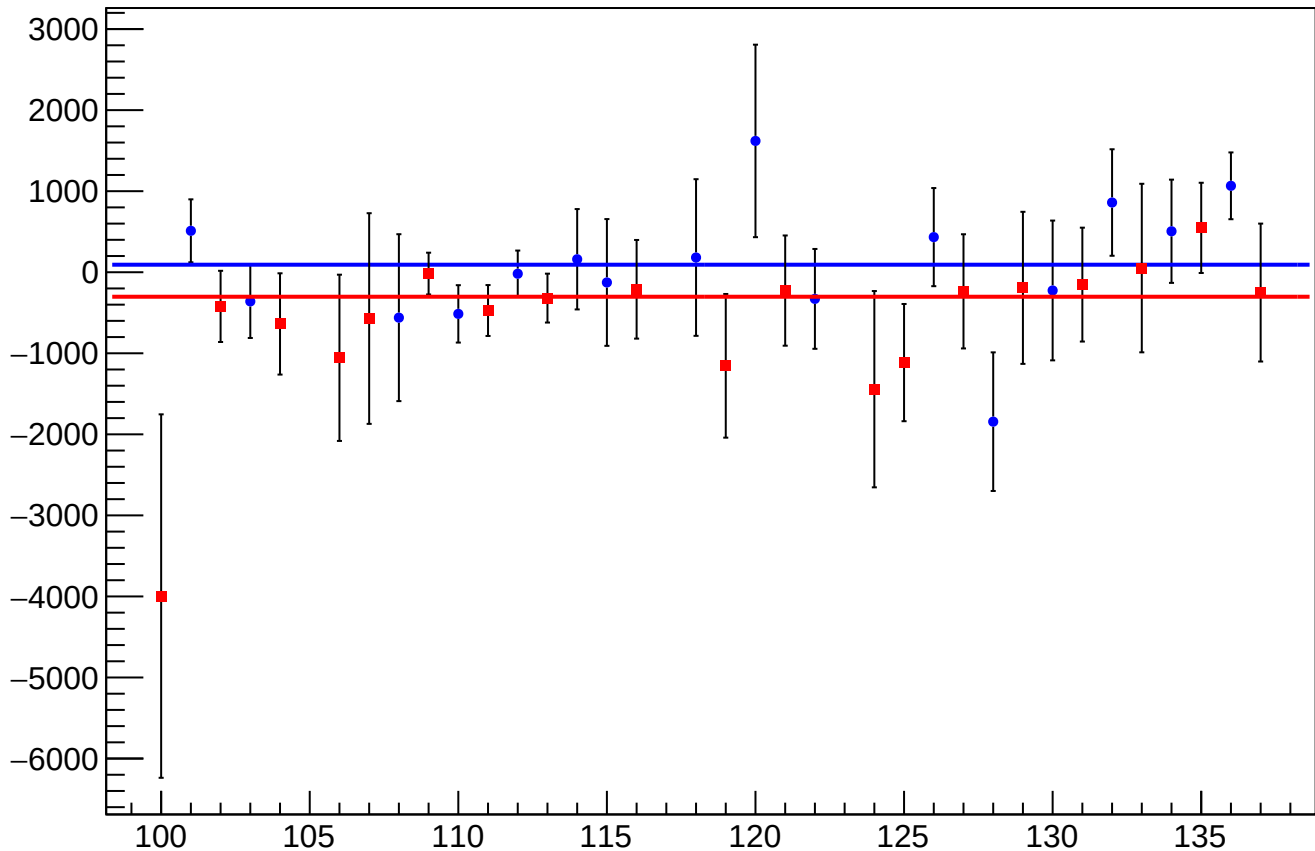
Right: 306.580 $\pm$ 0.062 χ^2 /NDF: 4705187.9/34

In: 317.661 $\pm$ 0.091 χ^2 /NDF:2136224.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 306.580 $\pm$ 0.062 χ^2 /NDF: 4705187.9/34

asym_sam7_mean vs Slug, Sign Corrected



Right In: 92.803+/-131.927 χ^2/NDF : 20.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -302.273+/-123.916 χ^2/NDF : 10.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

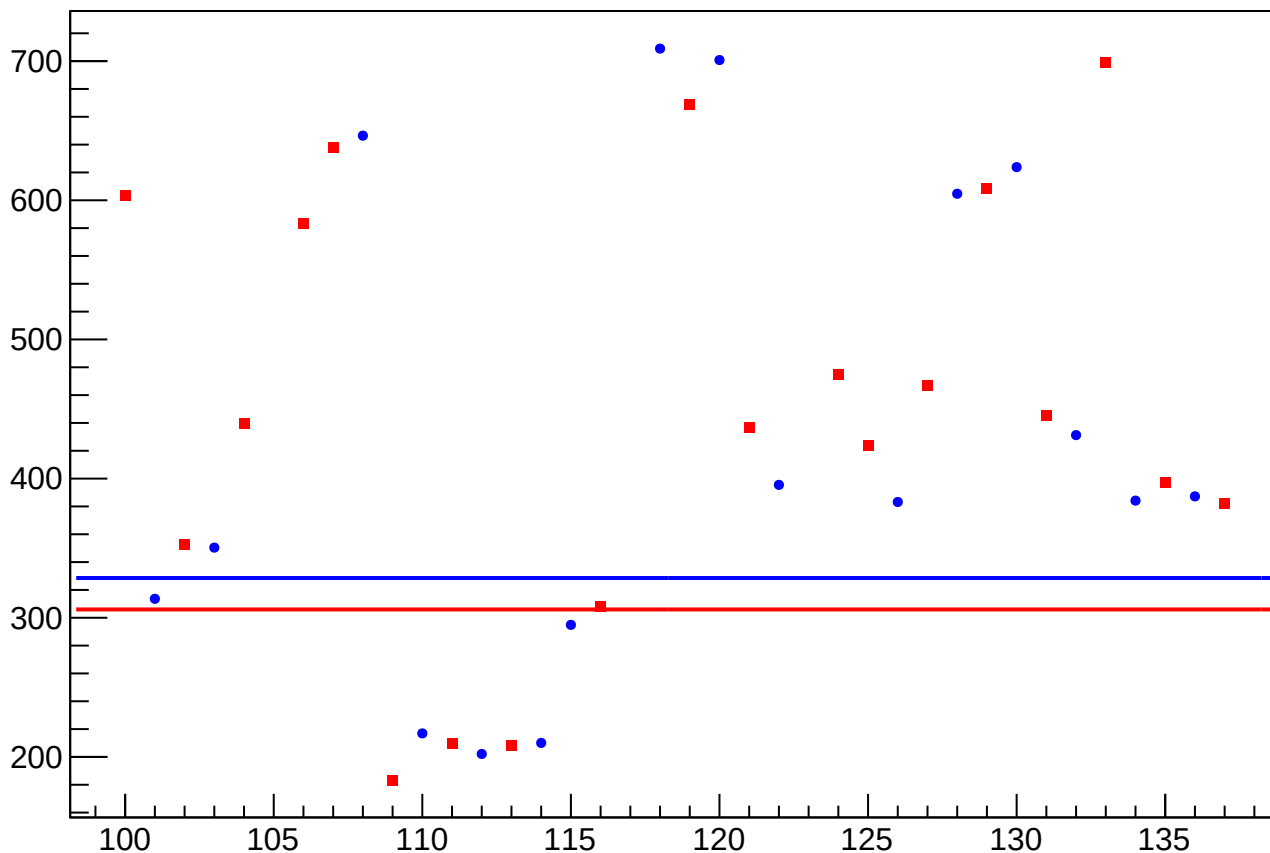
Right: -117.093+/-90.322 χ^2/NDF : 36.4/34

In: 92.803+/-131.927 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.093+/-90.322 χ^2/NDF : 36.4/34

asym_sam7_rms vs Slug, Sign Corrected



Right In: 328.567+/-0.093 χ^2/NDF : 1958873.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 305.988+/-0.088 χ^2/NDF : 2527463.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

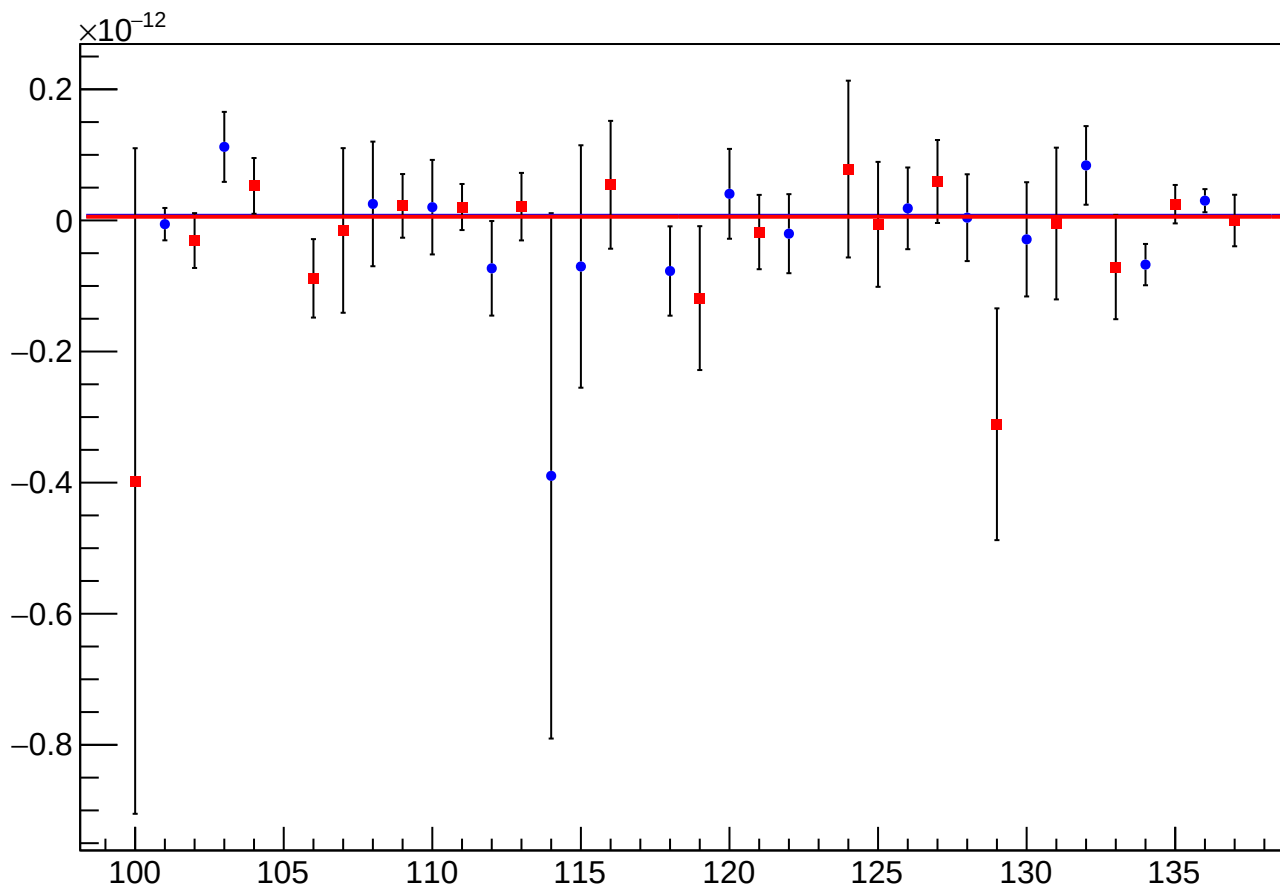
Right: 316.571+/-0.064 χ^2/NDF : 4517458.9/34

In: 328.567+/-0.093 χ^2/NDF :1958873.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 316.571+/-0.064 χ^2/NDF : 4517458.9/34

asym_sam7_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

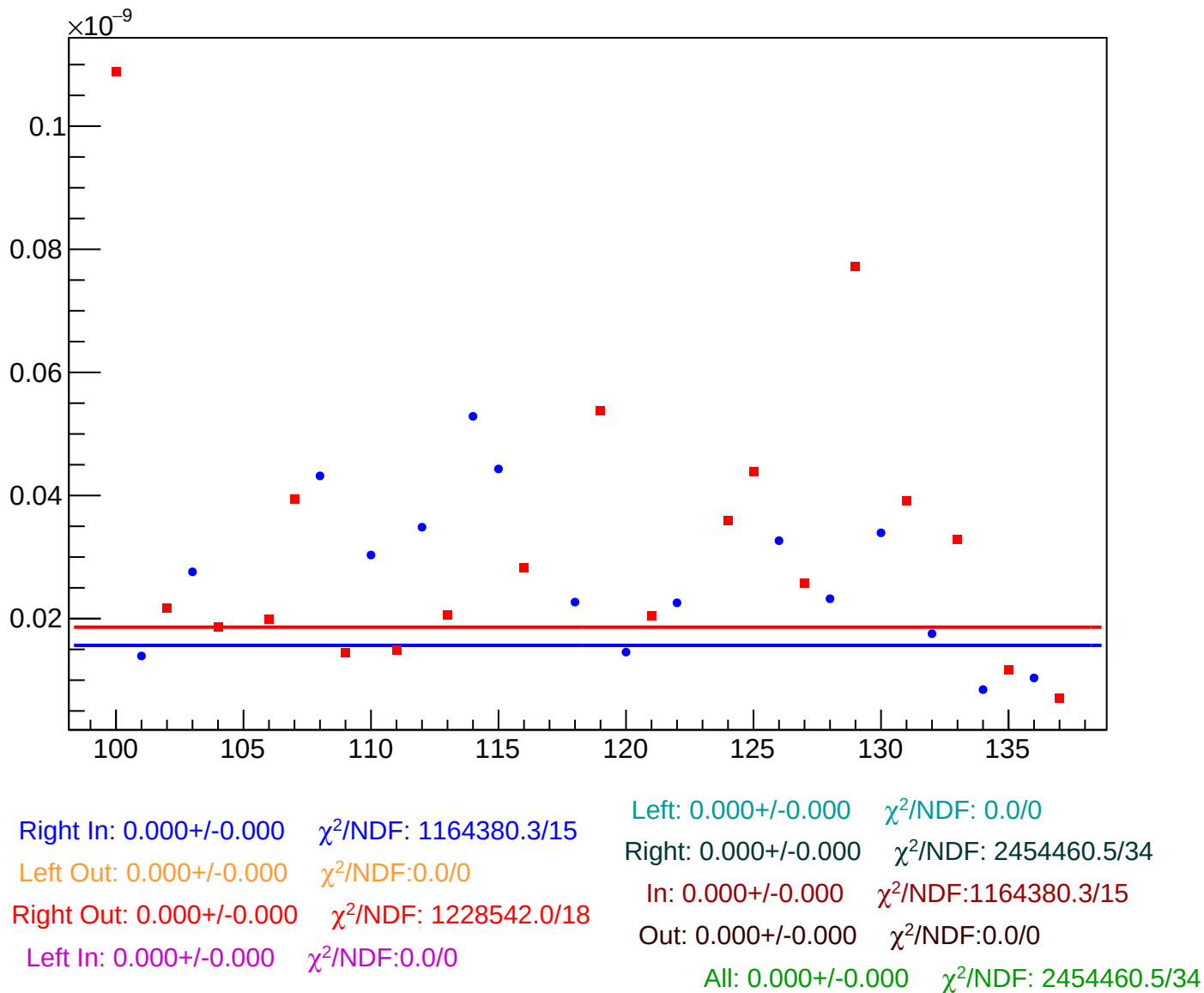
Right: 0.000+/-0.000 χ^2/NDF : 30.5/34

In: 0.000+/-0.000 χ^2/NDF : 17.7/15

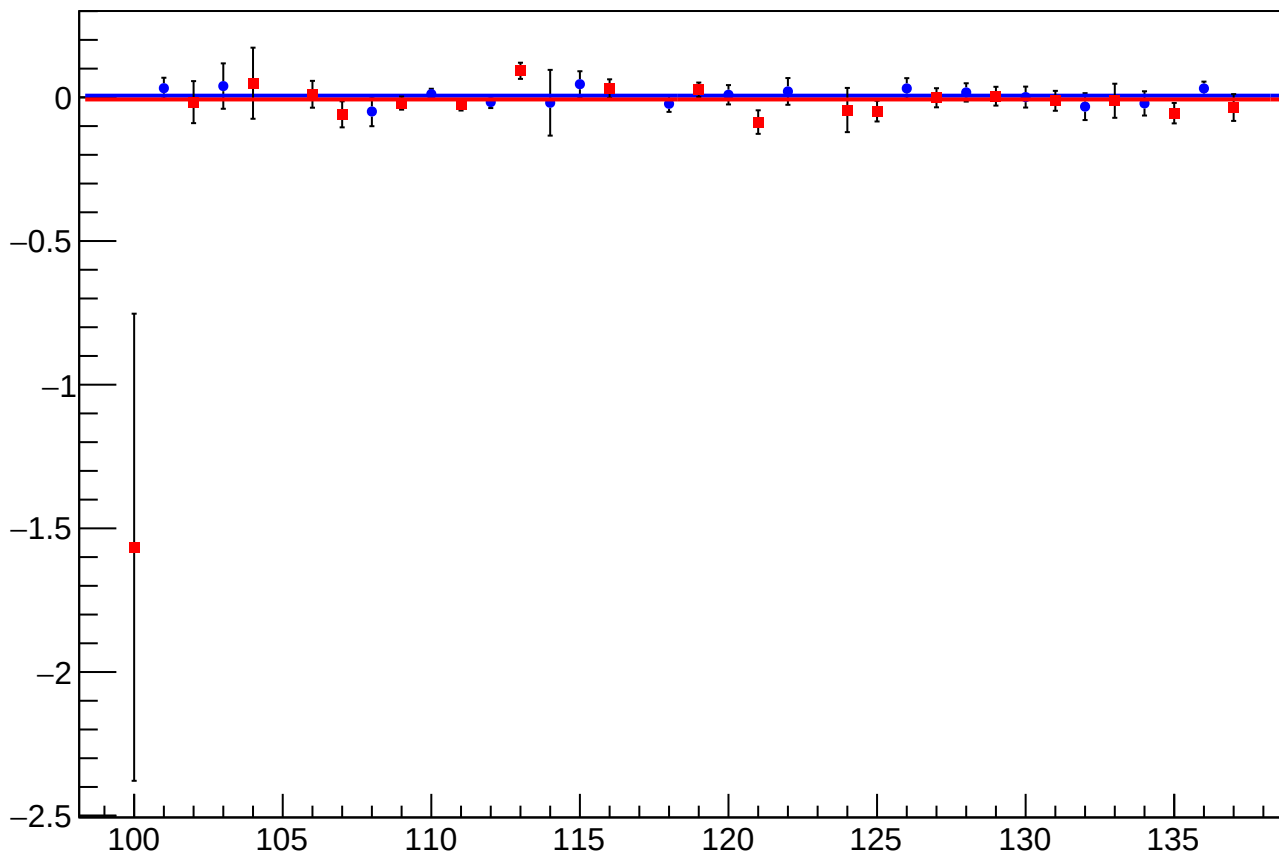
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/34

asym_sam7_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam7_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 7.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 29.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

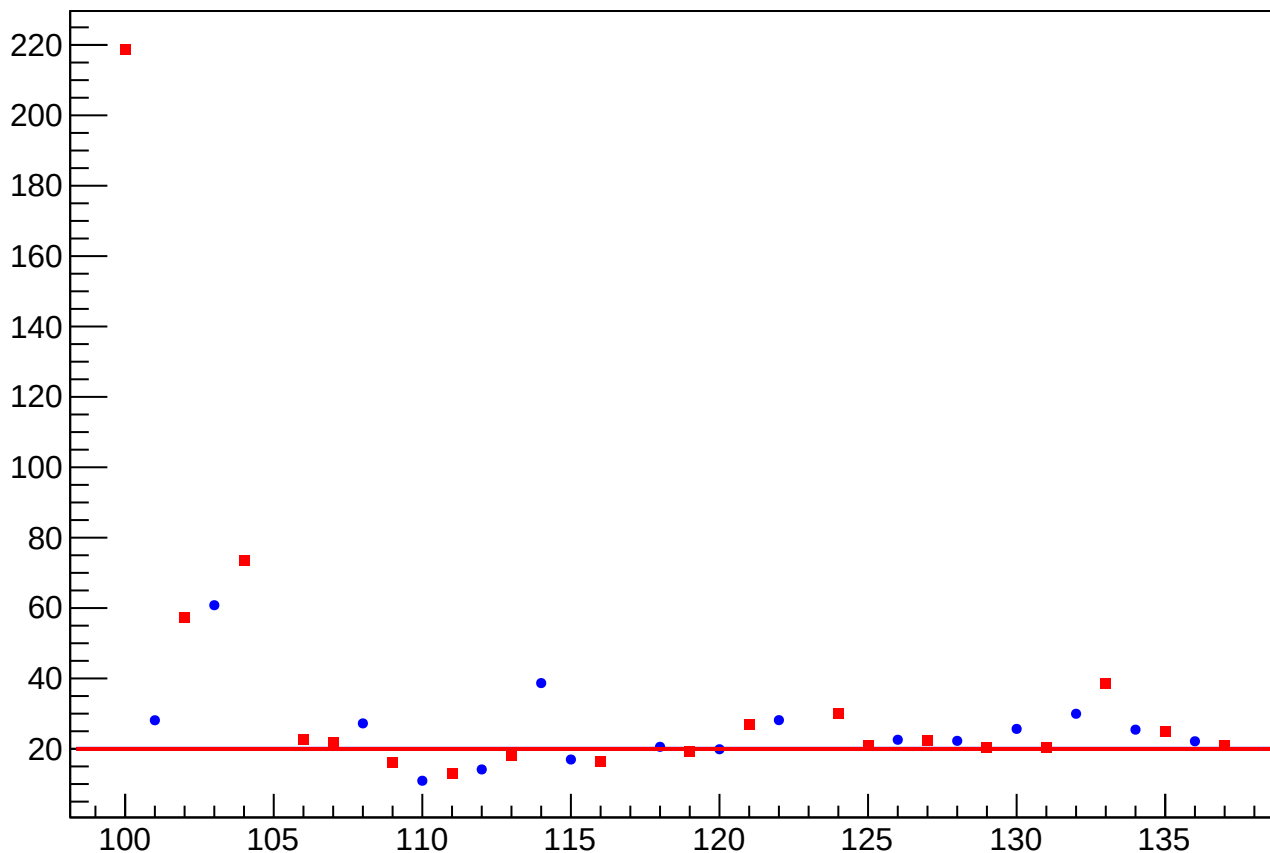
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

In: 0.006 $\pm$ 0.008 χ^2 /NDF:7.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

asym_sam7_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.000+/-0.006 χ^2/NDF : 1641371.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF : 1716895.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

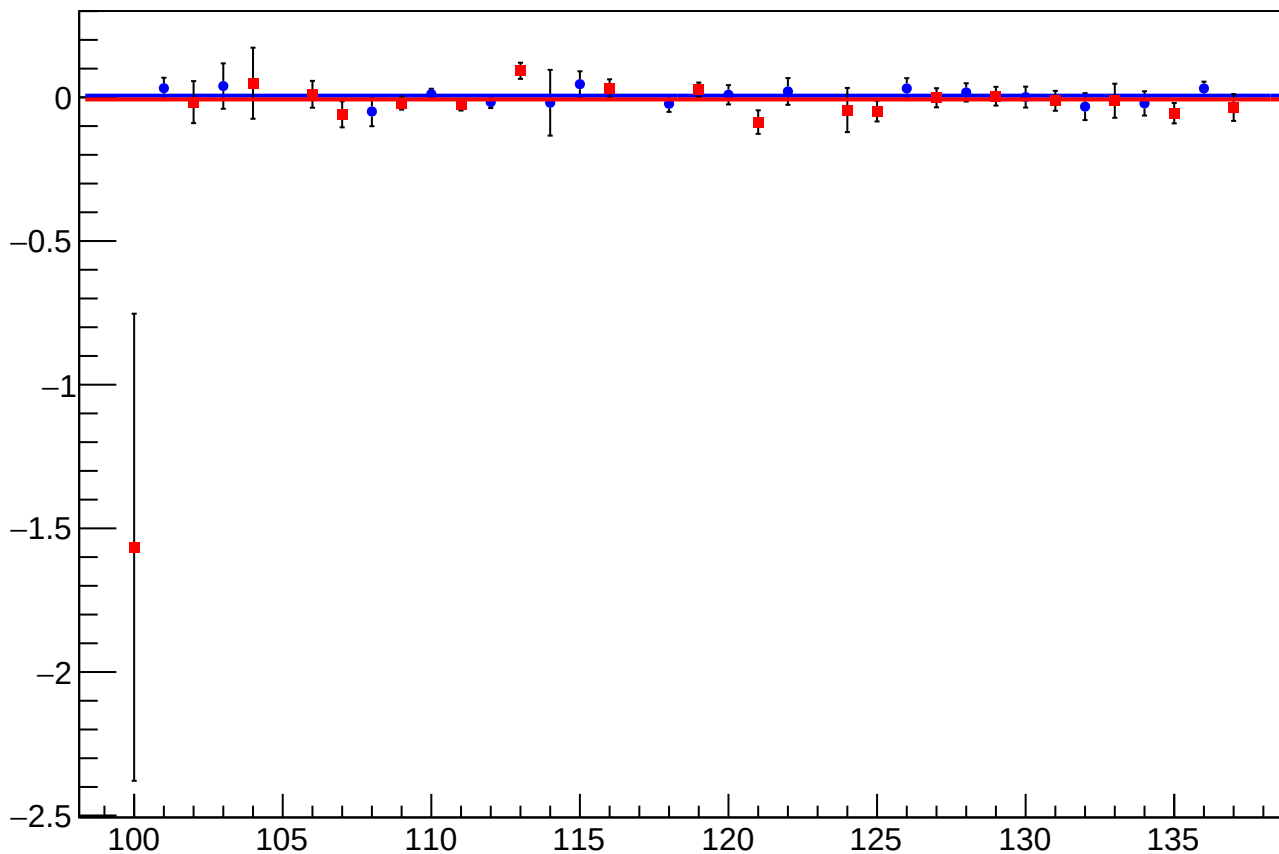
Right: 19.981+/-0.004 χ^2/NDF : 3358287.6/34

In: 20.000+/-0.006 χ^2/NDF : 1641371.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.981+/-0.004 χ^2/NDF : 3358287.6/34

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 7.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 29.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

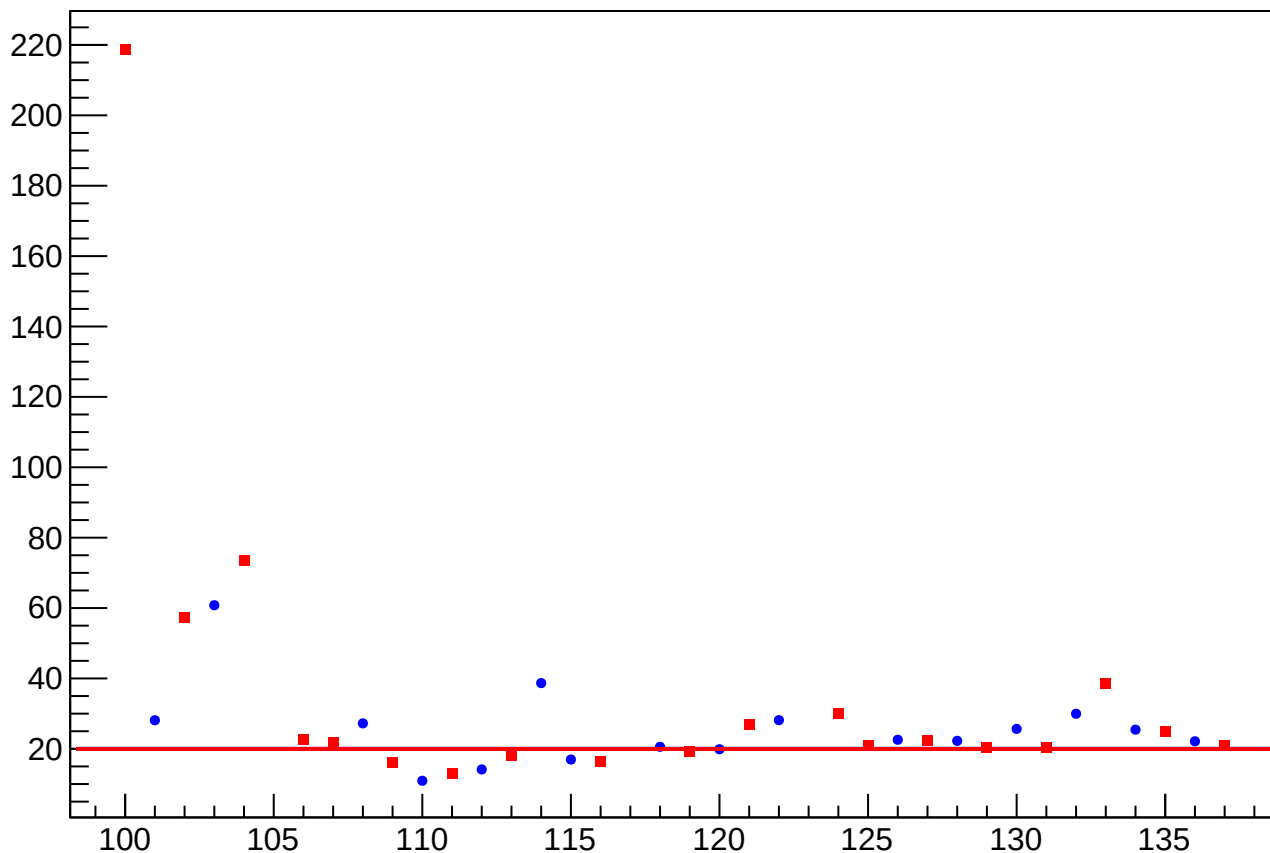
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

In: 0.006 $\pm$ 0.008 χ^2 /NDF:7.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.000+/-0.006 χ^2/NDF : 1641371.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF : 1716895.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

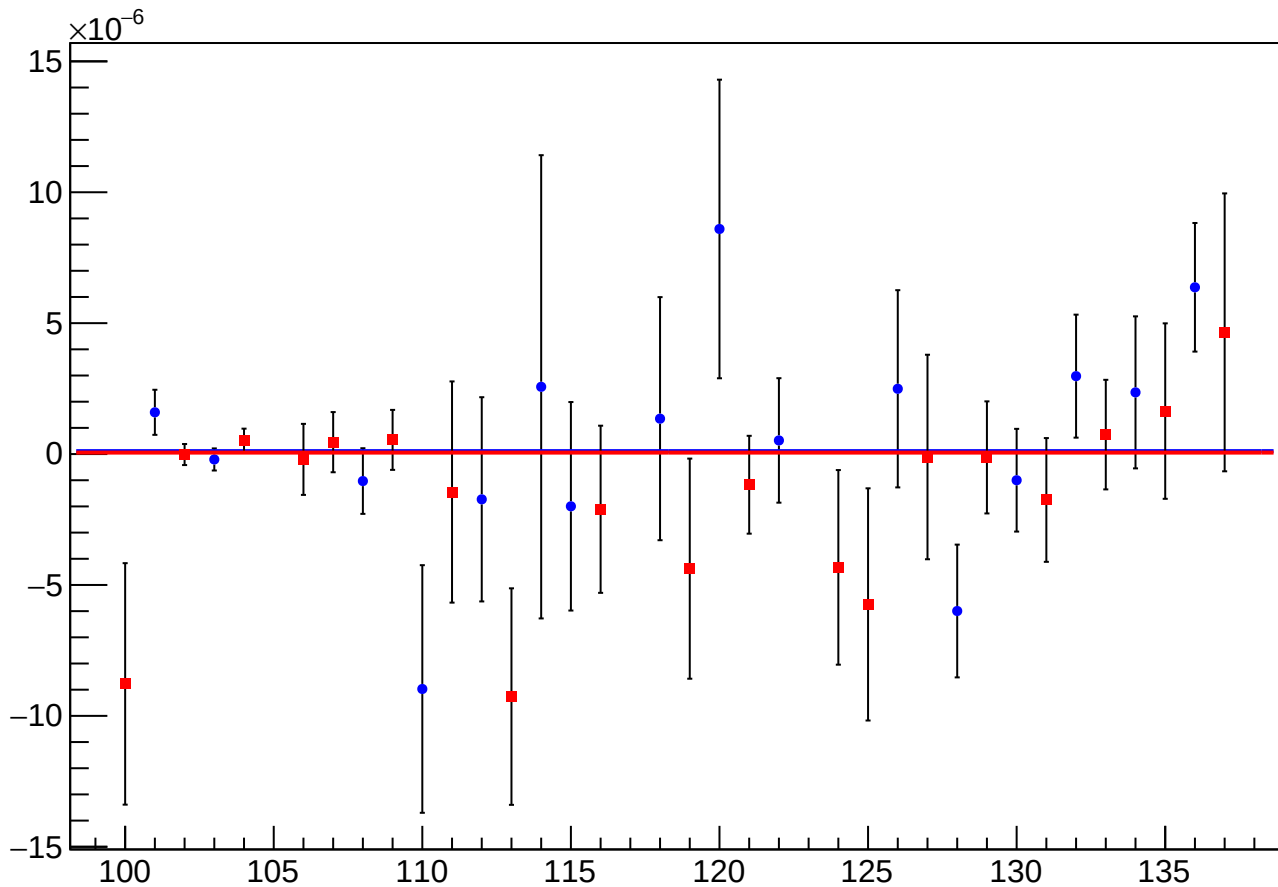
Right: 19.981+/-0.004 χ^2/NDF : 3358287.6/34

In: 20.000+/-0.006 χ^2/NDF : 1641371.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.981+/-0.004 χ^2/NDF : 3358287.6/34

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 26.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

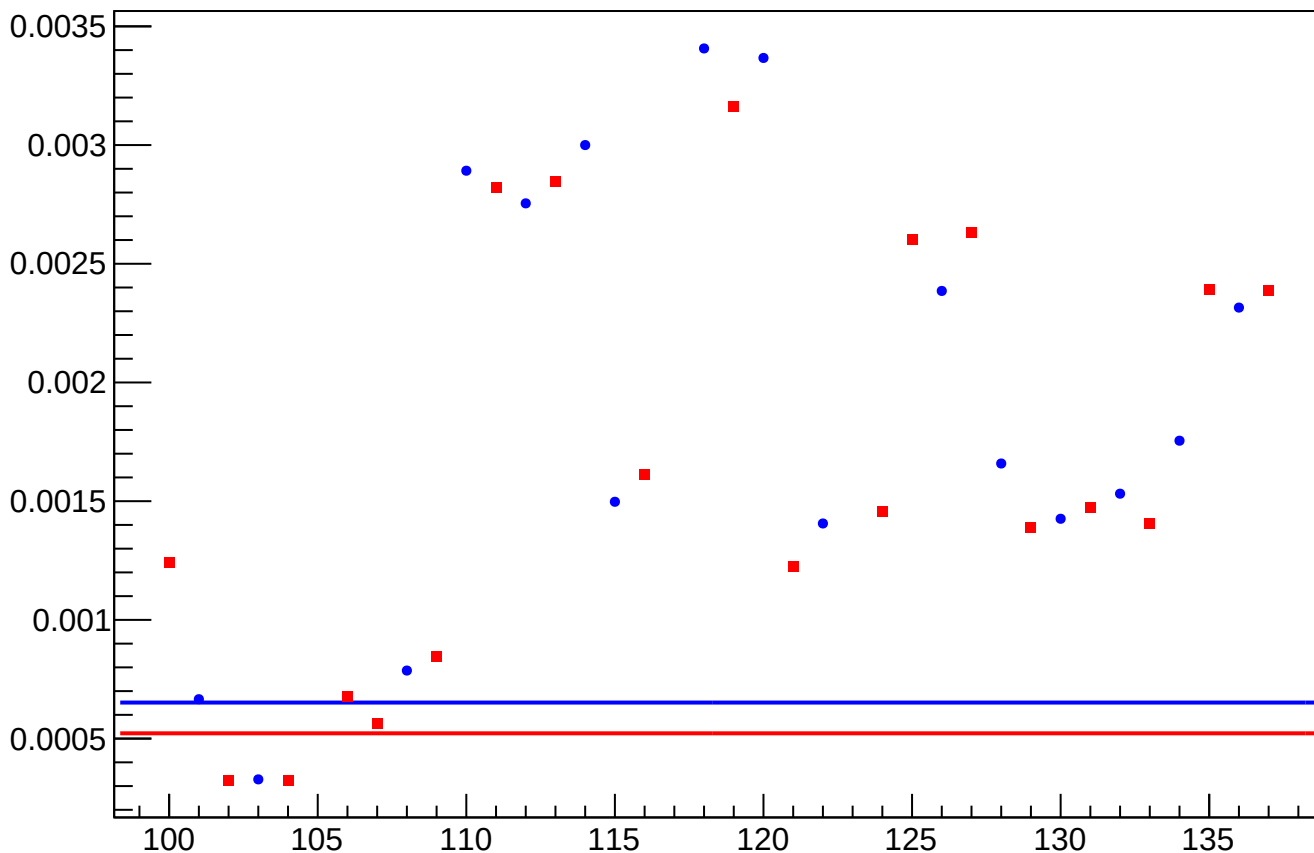
Right: 0.000+/-0.000 χ^2/NDF : 43.2/34

In: 0.000+/-0.000 χ^2/NDF : 26.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.2/34

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 6357494.9/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 6676790.5/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 13221881.1/34

In: 0.001+/-0.000

χ^2/NDF :6357494.9/15

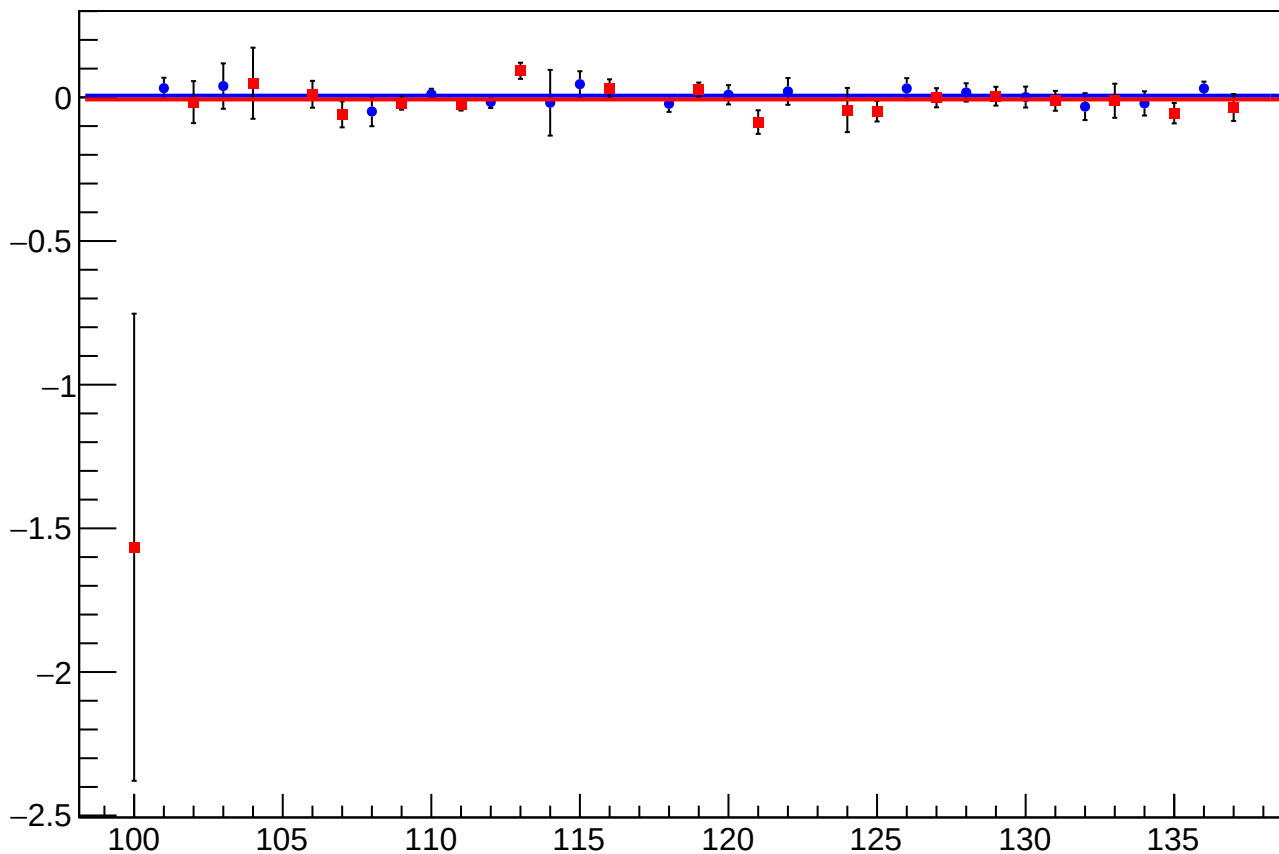
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.001+/-0.000

χ^2/NDF : 13221881.1/34

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 7.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 29.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

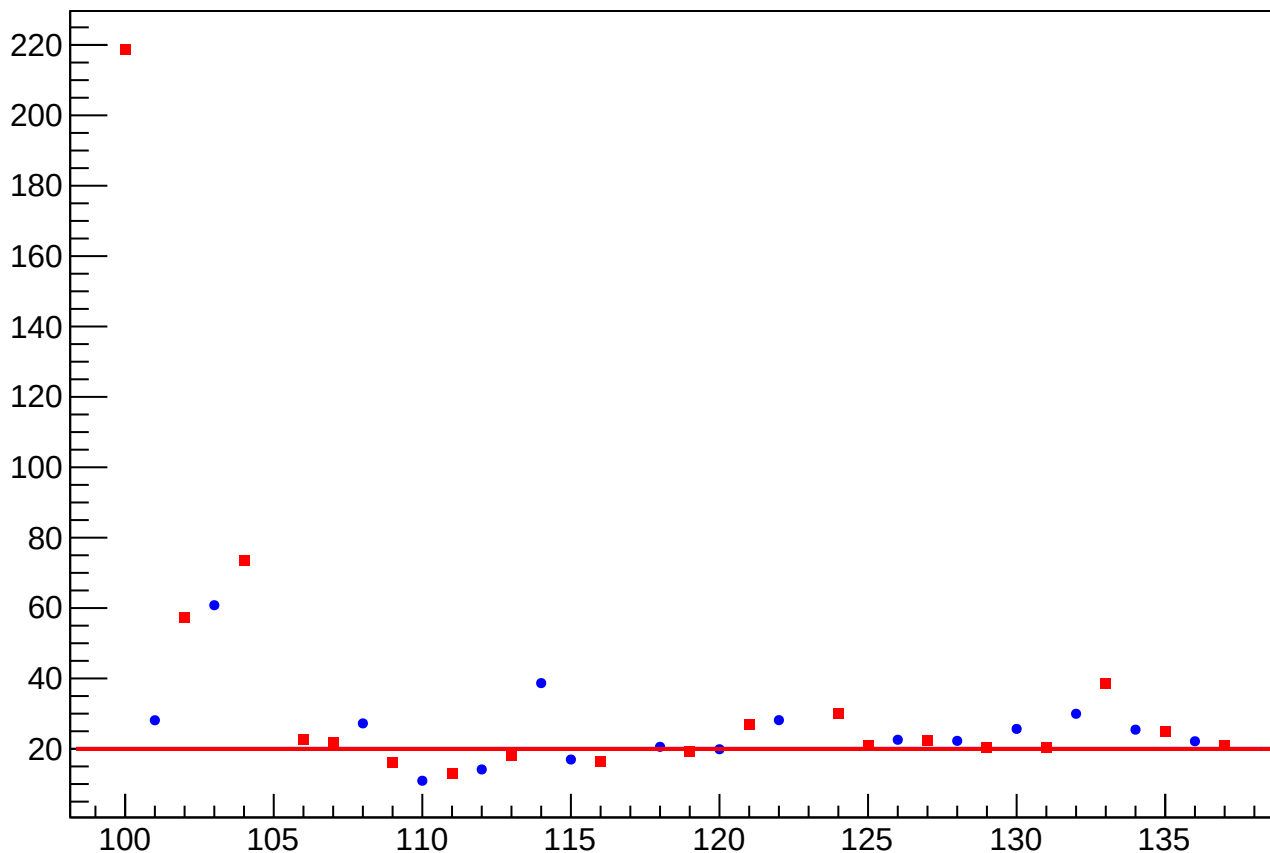
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

In: 0.006 $\pm$ 0.008 χ^2 /NDF:7.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF : 1716830.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

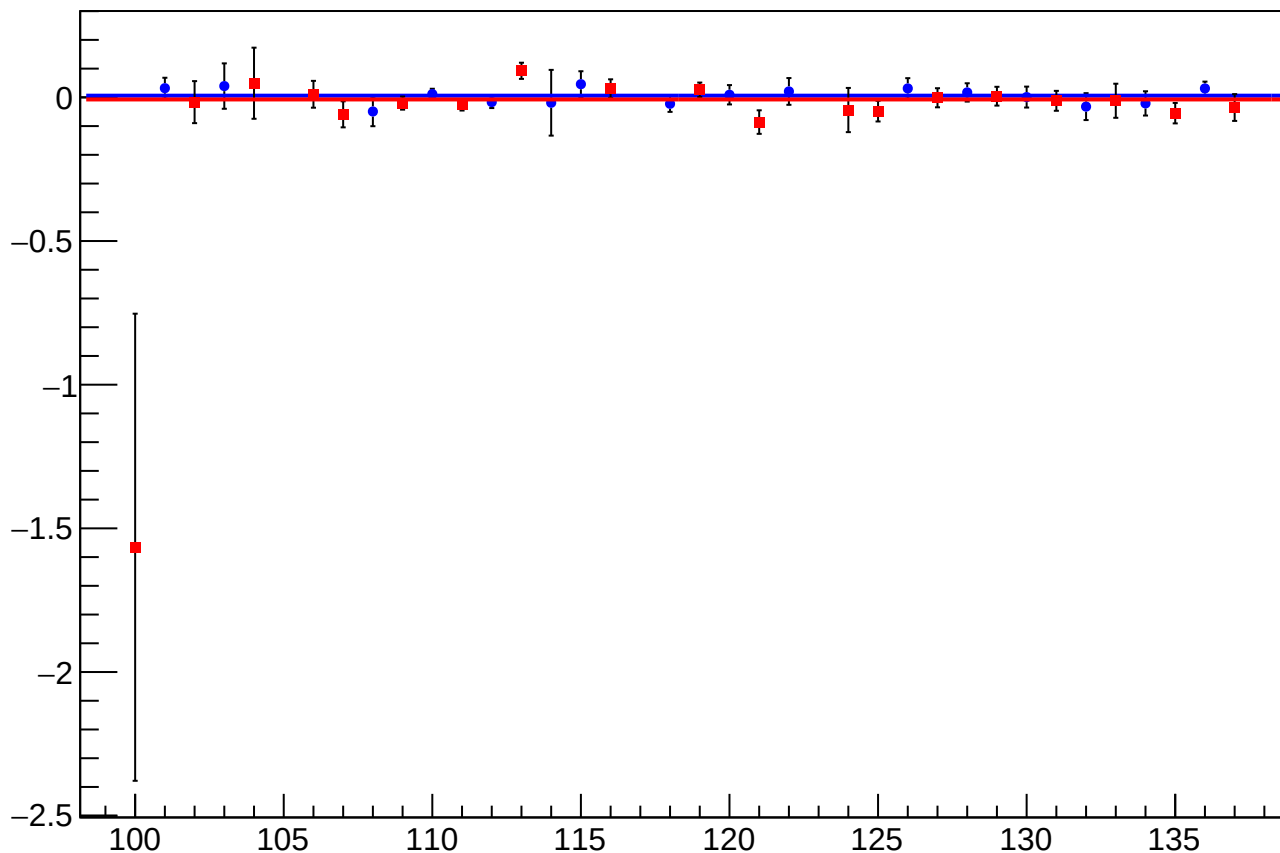
Right: 19.981+/-0.004 χ^2/NDF : 3358048.3/34

In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.981+/-0.004 χ^2/NDF : 3358048.3/34

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.008 χ^2 /NDF: 7.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.007 $\pm$ 0.008 χ^2 /NDF: 29.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

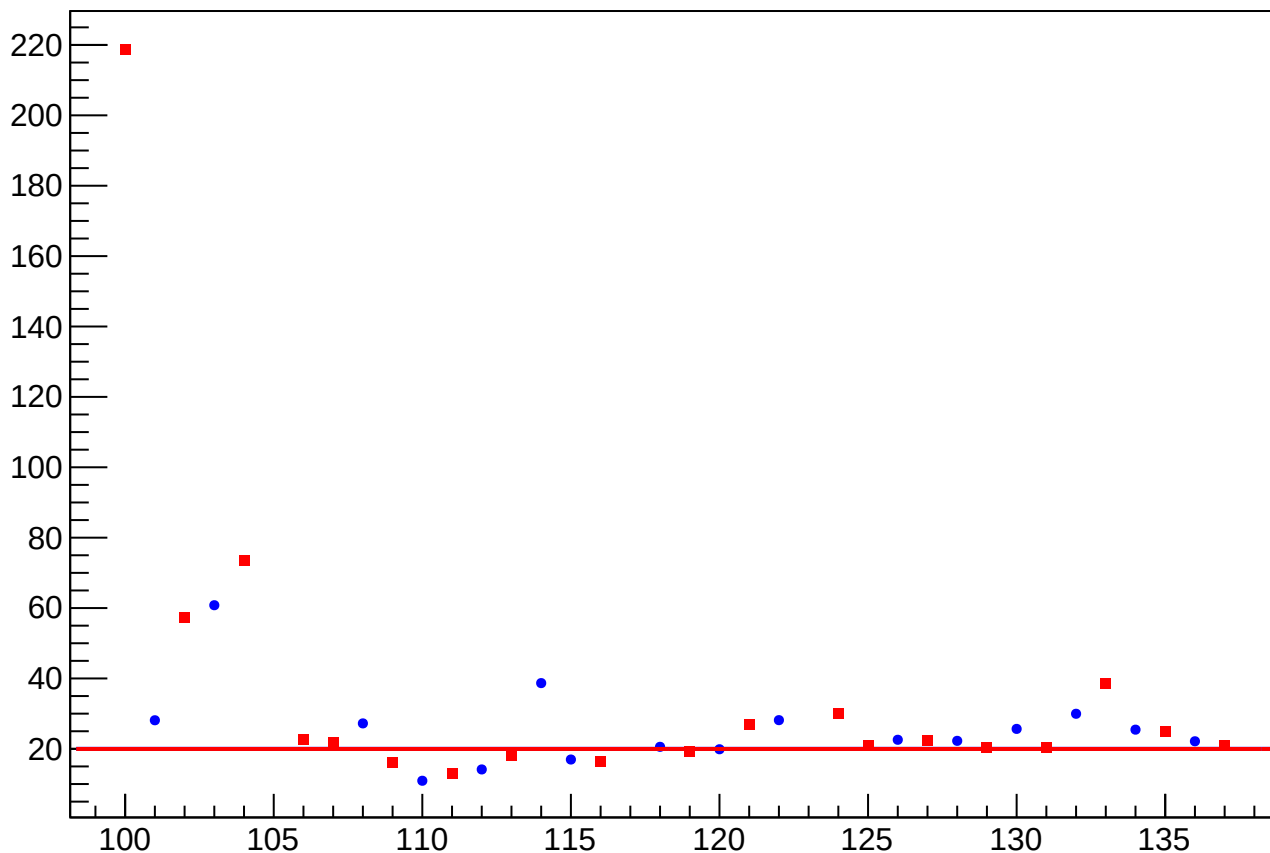
Right: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

In: 0.006 $\pm$ 0.008 χ^2 /NDF:7.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.006 χ^2 /NDF: 39.0/34

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.963+/-0.006 χ^2/NDF : 1716830.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

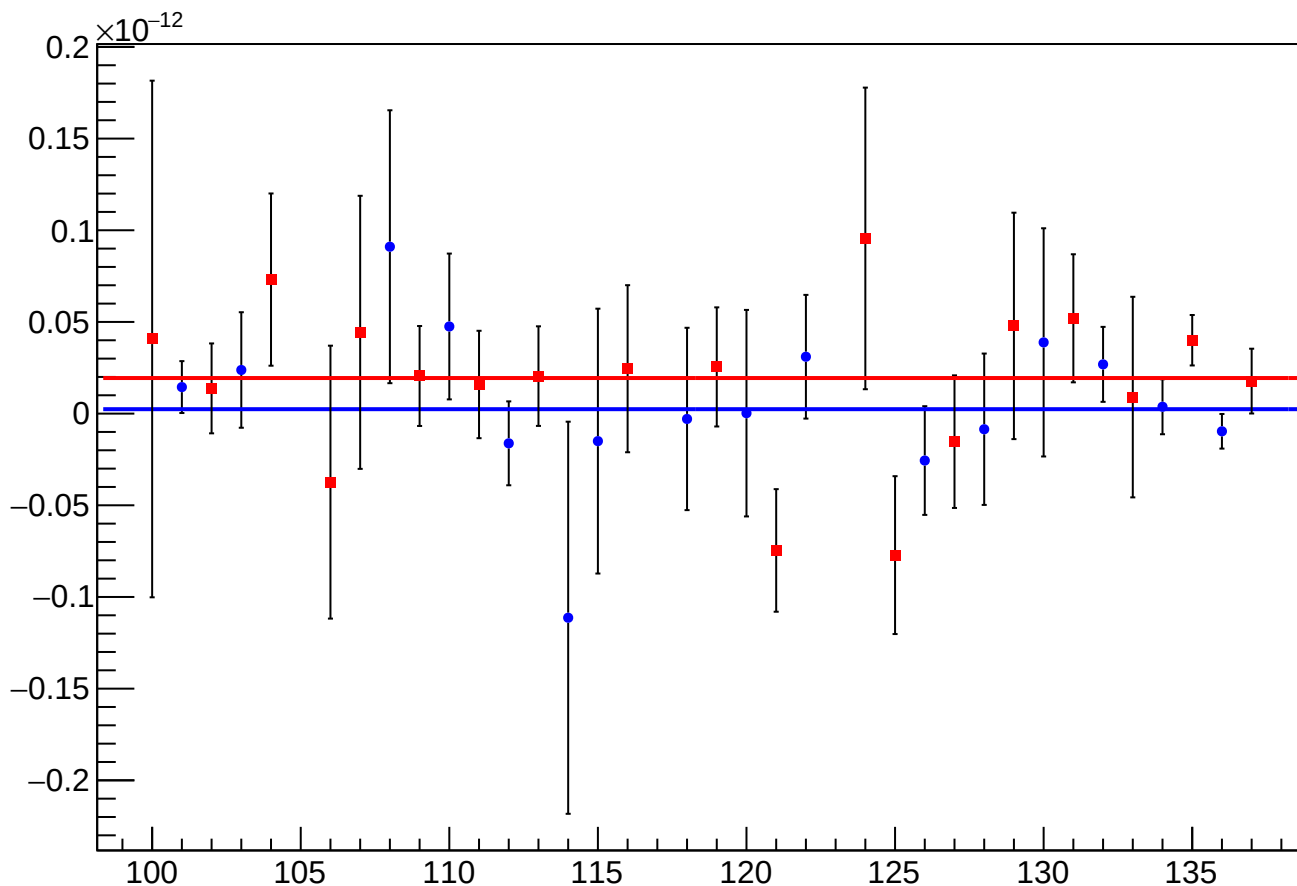
Right: 19.981+/-0.004 χ^2/NDF : 3358048.3/34

In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.981+/-0.004 χ^2/NDF : 3358048.3/34

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

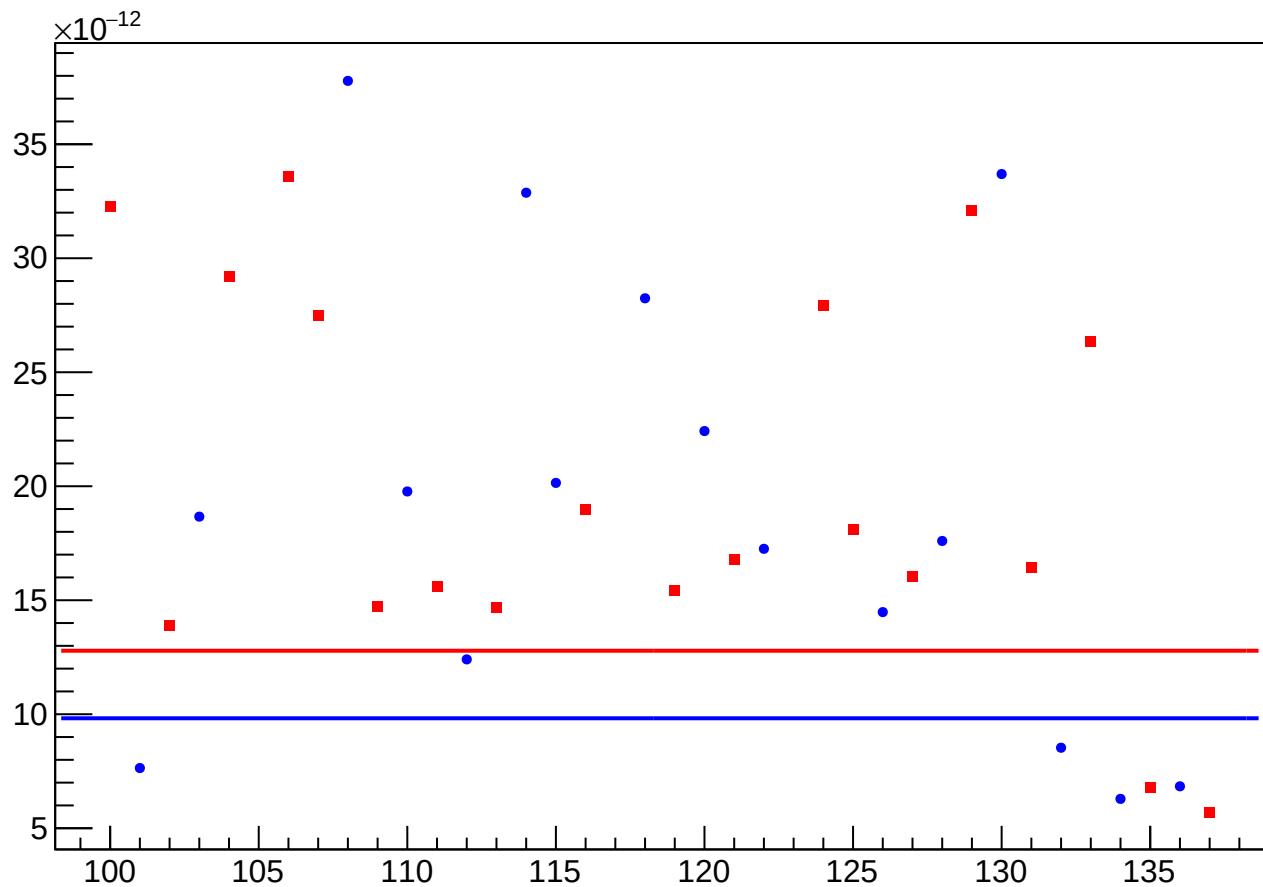
Right: 0.000+/-0.000 χ^2/NDF : 34.6/34

In: 0.000+/-0.000 χ^2/NDF : 10.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.6/34

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1977074.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1798852.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

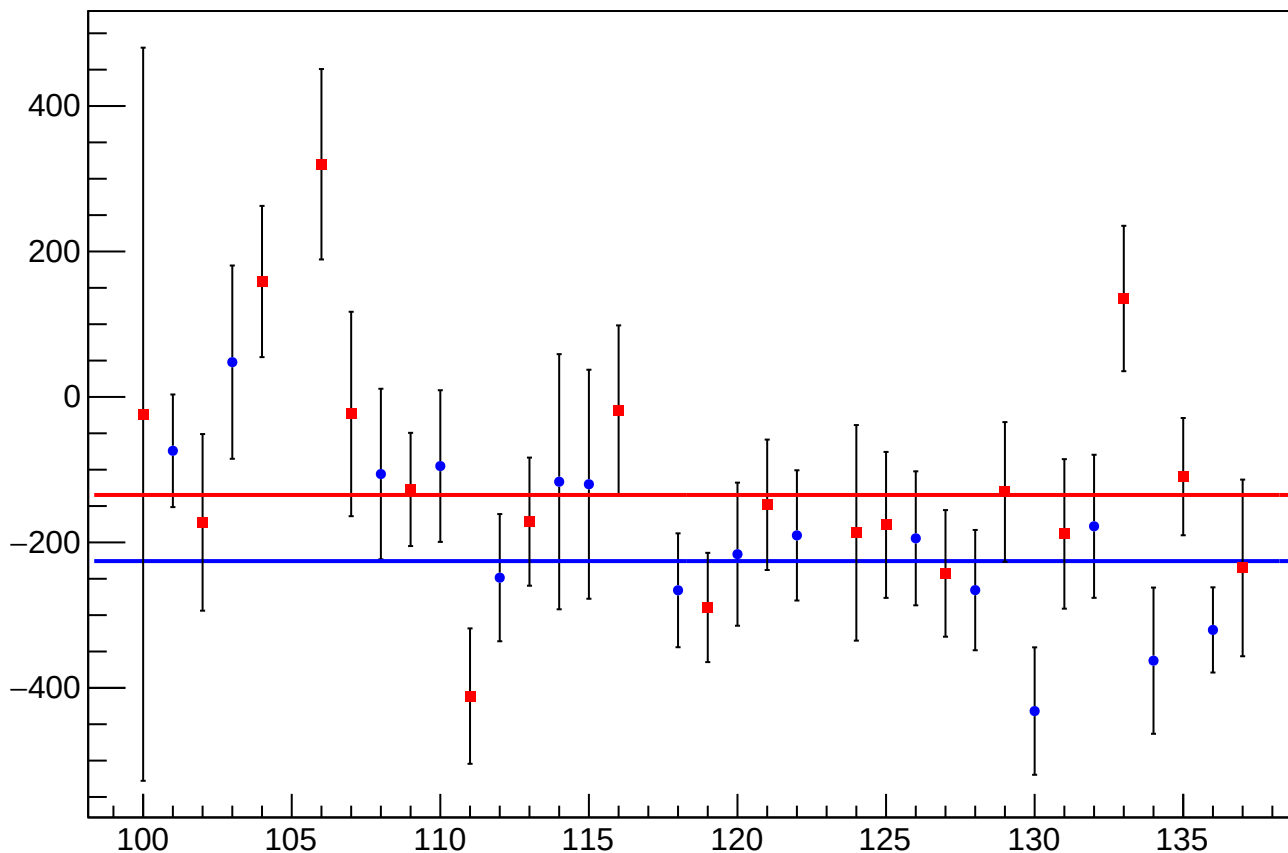
Right: 0.000+/-0.000 χ^2/NDF : 3988919.3/34

In: 0.000+/-0.000 χ^2/NDF : 1977074.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3988919.3/34

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -225.692 ± 23.118 χ^2/NDF : 22.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -134.762 ± 23.192 χ^2/NDF : 45.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

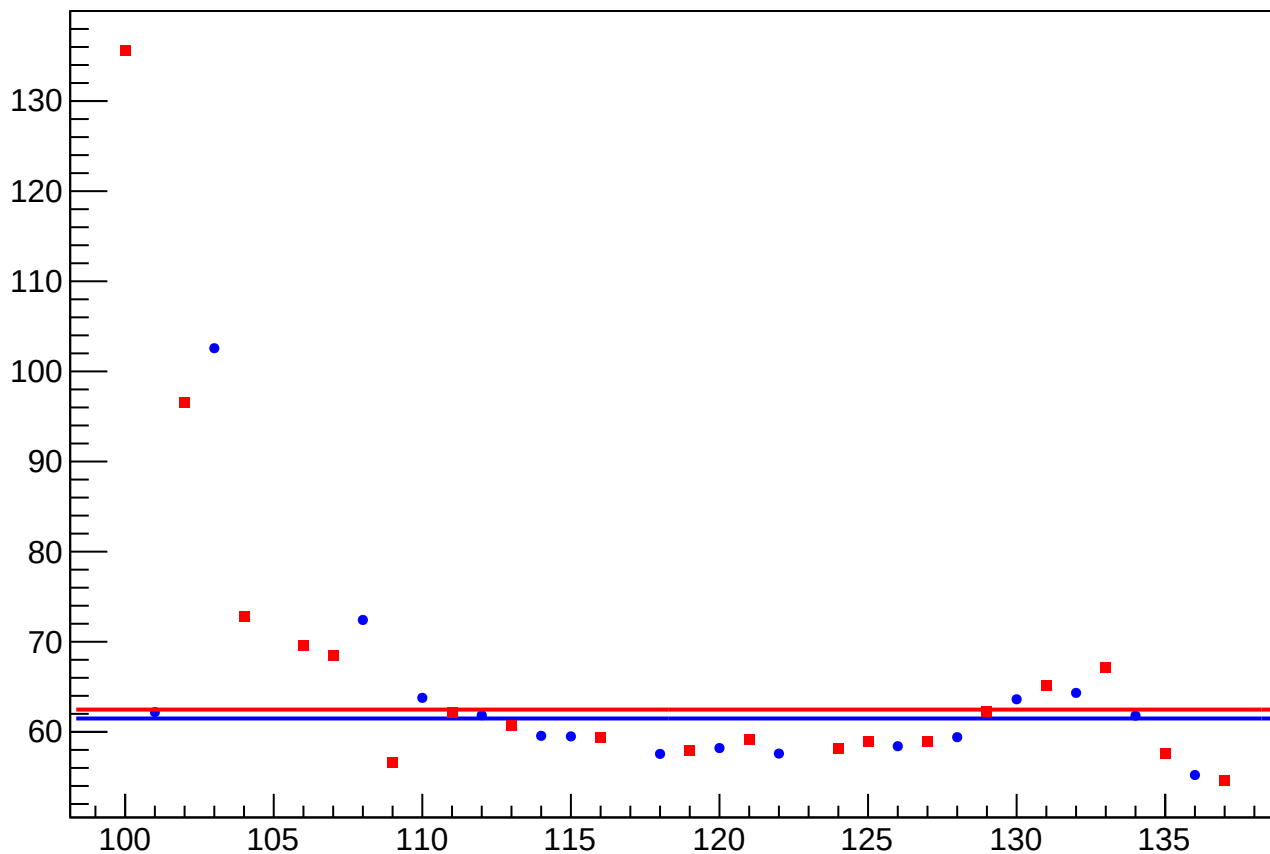
Right: -180.371 ± 16.373 χ^2/NDF : 75.6/34

In: -225.692 ± 23.118 χ^2/NDF : 22.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -180.371 ± 16.373 χ^2/NDF : 75.6/34

reg_asym_sam8_rms vs Slug, Sign Corrected



Right In: 61.486+/-0.016 χ^2/NDF : 250669.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.476+/-0.016 χ^2/NDF : 281148.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

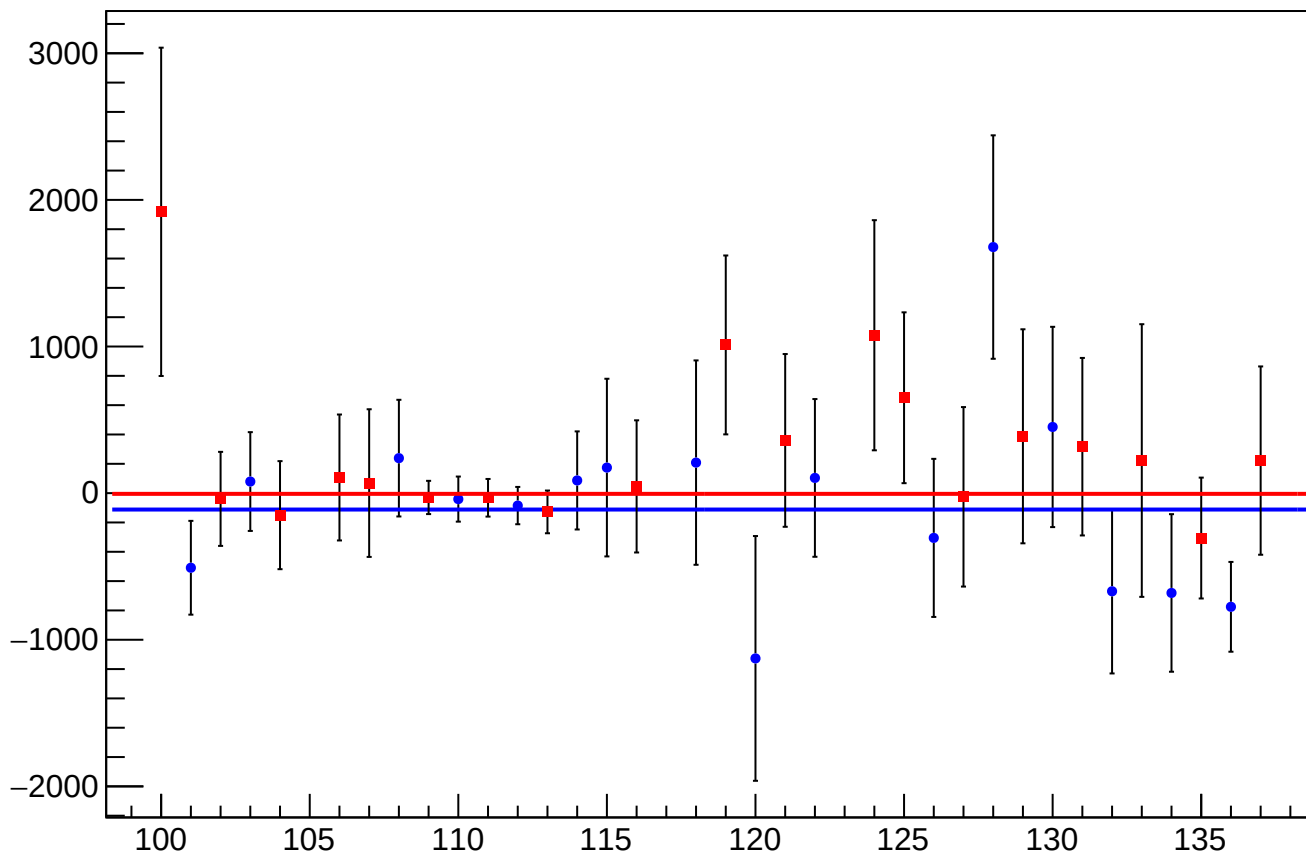
Right: 61.979+/-0.012 χ^2/NDF : 533645.0/34

In: 61.486+/-0.016 χ^2/NDF : 250669.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.979+/-0.012 χ^2/NDF : 533645.0/34

asym_sam8_reg_correction_mean vs Slug, Sign Corrected



Right In: -111.885+/-76.212 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.893+/-63.933 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

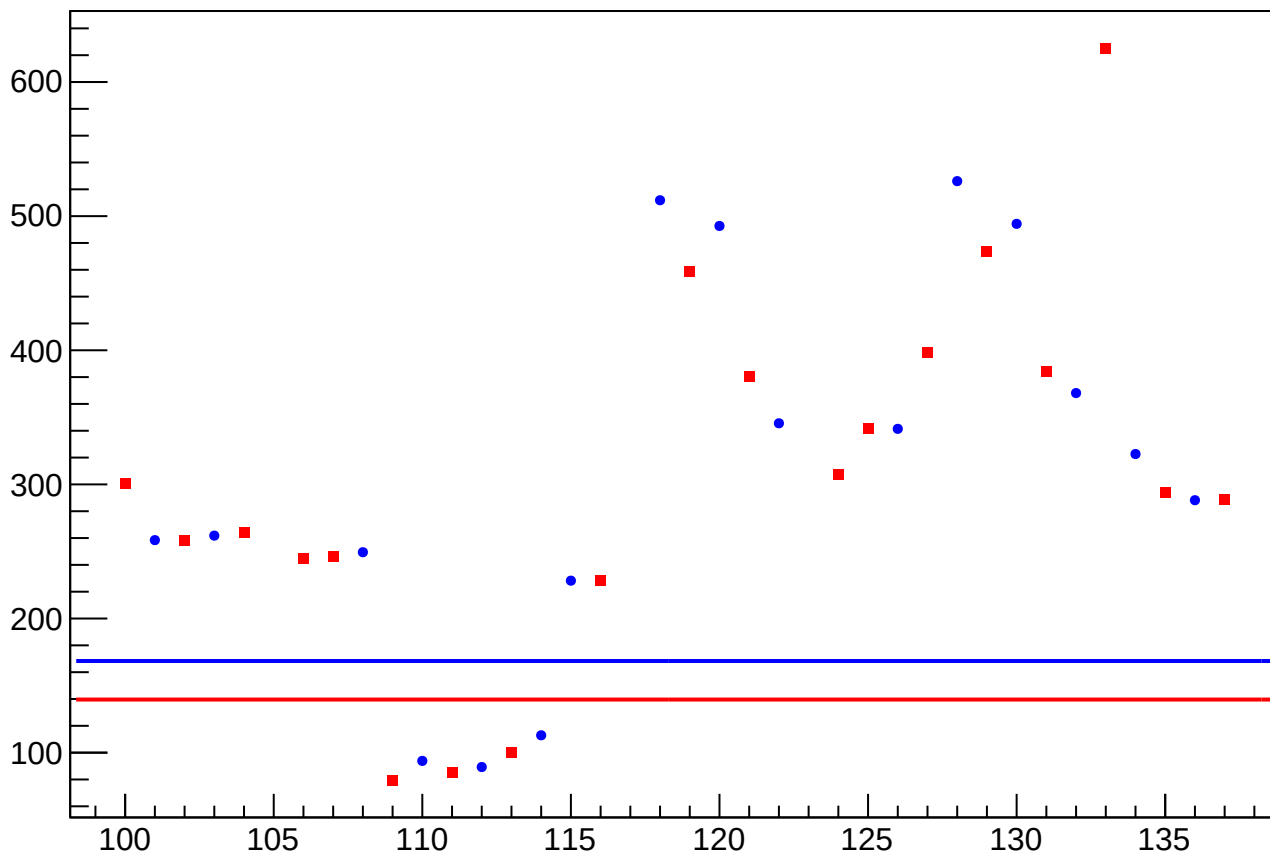
Right: -49.085+/-48.981 χ^2/NDF : 31.3/34

In: -111.885+/-76.212 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.085+/-48.981 χ^2/NDF : 31.3/34

asym_sam8_reg_correction_rms vs Slug, Sign Corrected



Right In: 168.330+/-0.054 χ^2/NDF : 4544046.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 139.594+/-0.045 χ^2/NDF : 5154153.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

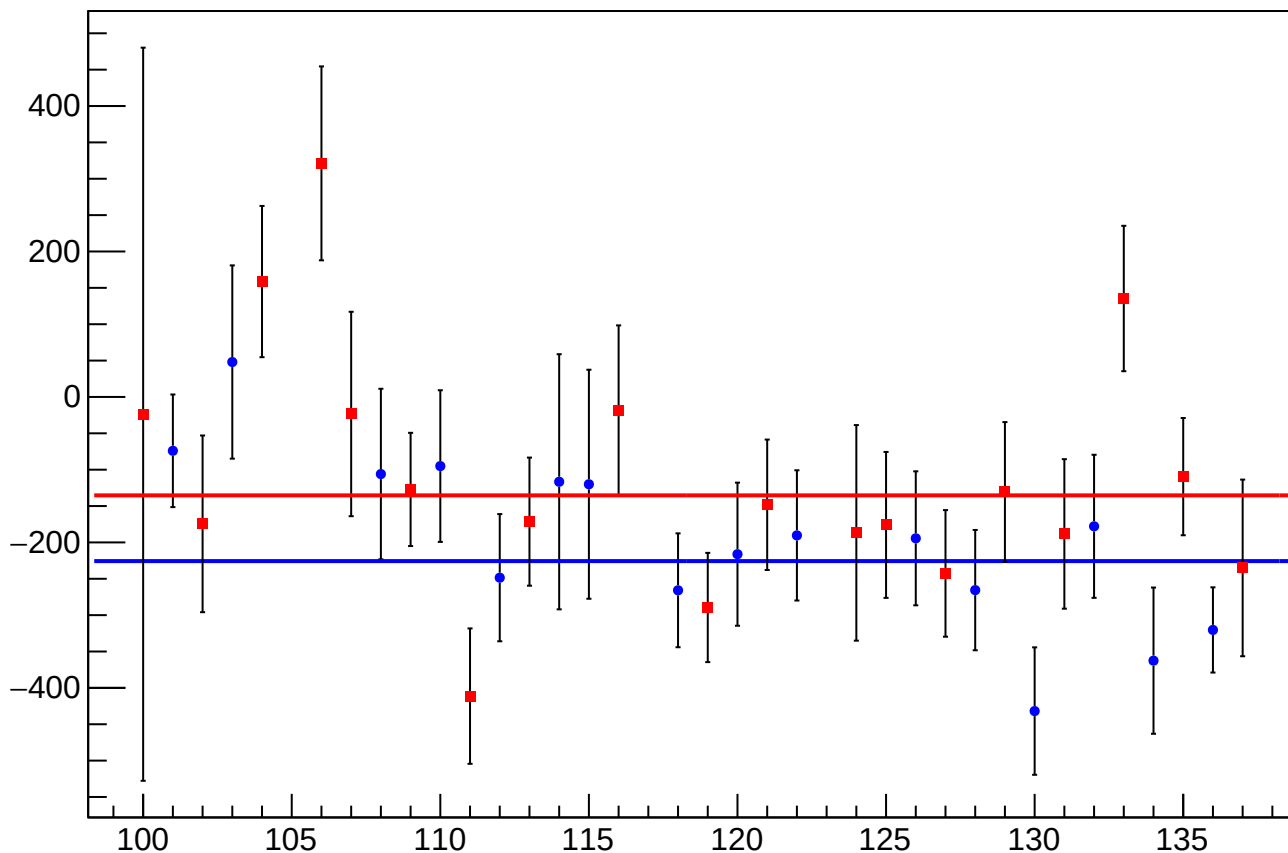
Right: 151.463+/-0.035 χ^2/NDF : 9865092.4/34

In: 168.330+/-0.054 χ^2/NDF : 4544046.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 151.463+/-0.035 χ^2/NDF : 9865092.4/34

cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -225.692 ± 23.118 χ^2/NDF : 22.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -135.311 ± 23.205 χ^2/NDF : 44.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

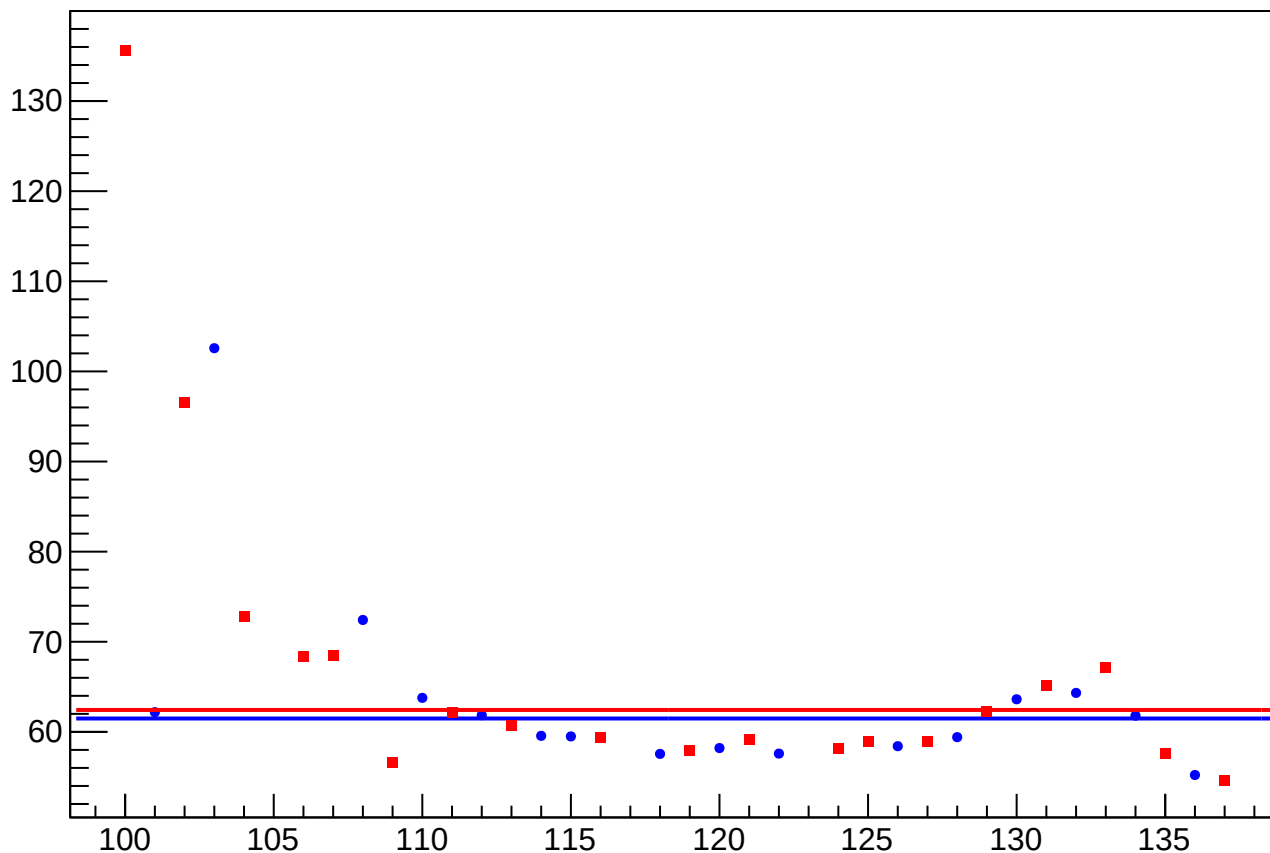
Right: -180.670 ± 16.378 χ^2/NDF : 75.1/34

In: -225.692 ± 23.118 χ^2/NDF : 22.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -180.670 ± 16.378 χ^2/NDF : 75.1/34

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 61.486 $\pm$ 0.016 χ^2/NDF : 250671.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 62.433 $\pm$ 0.016 χ^2/NDF : 279408.8/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

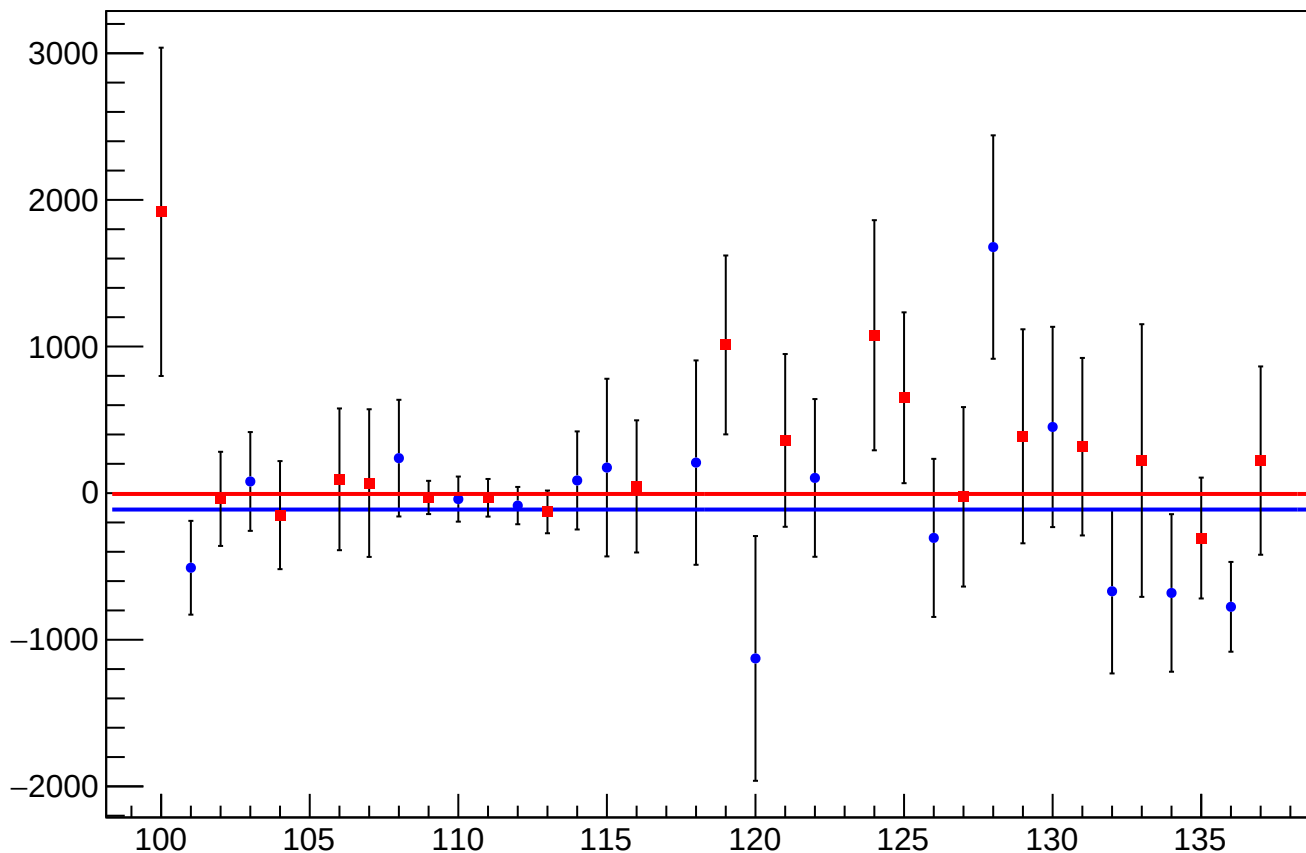
Right: 61.958 $\pm$ 0.012 χ^2/NDF : 531751.4/34

In: 61.486 $\pm$ 0.016 χ^2/NDF : 250671.7/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 61.958 $\pm$ 0.012 χ^2/NDF : 531751.4/34

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.866+/-76.213 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.616+/-64.085 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

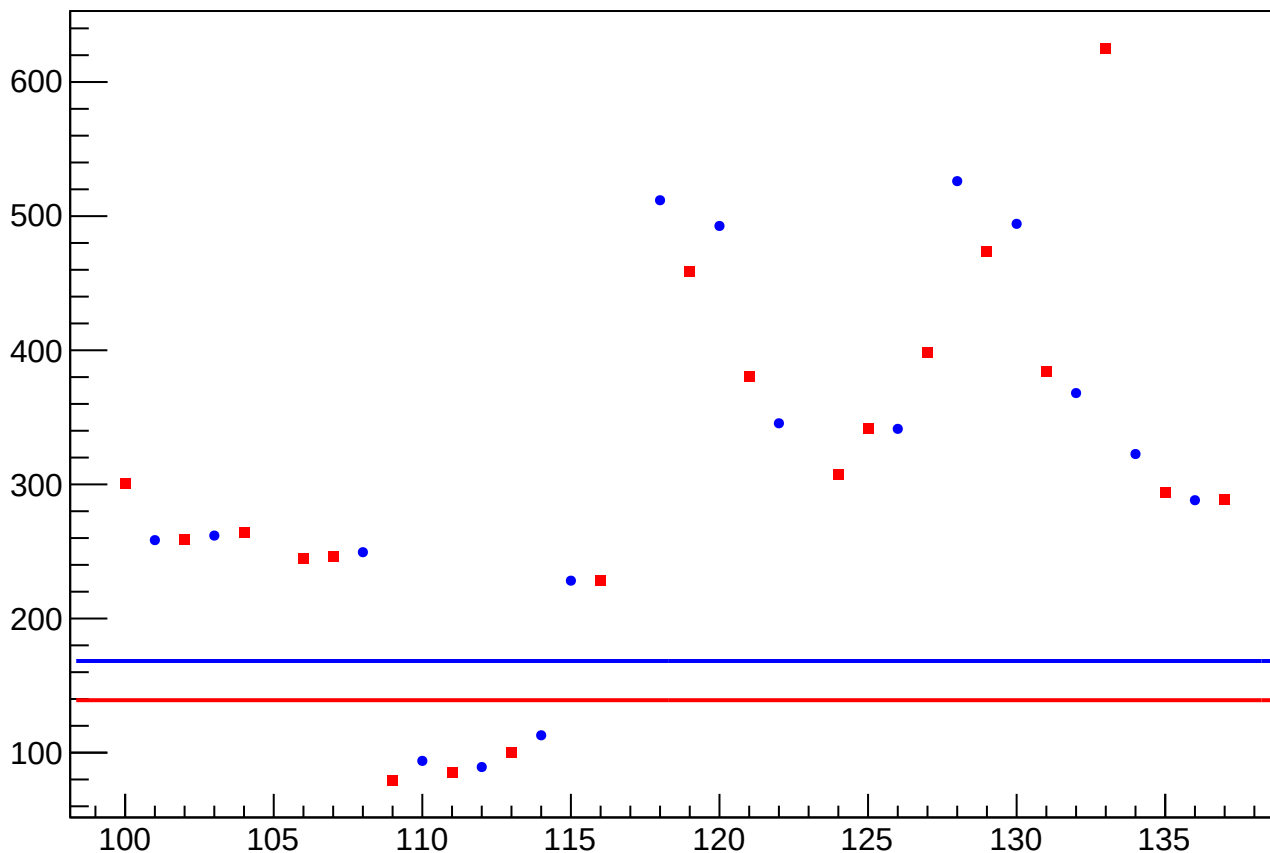
Right: -49.624+/-49.049 χ^2/NDF : 31.2/34

In: -111.866+/-76.213 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.624+/-49.049 χ^2/NDF : 31.2/34

asym_sam8_cor_correction_rms vs Slug, Sign Corrected



Right In: 168.330+/-0.054 χ^2/NDF : 4544100.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 139.105+/-0.045 χ^2/NDF : 5130011.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

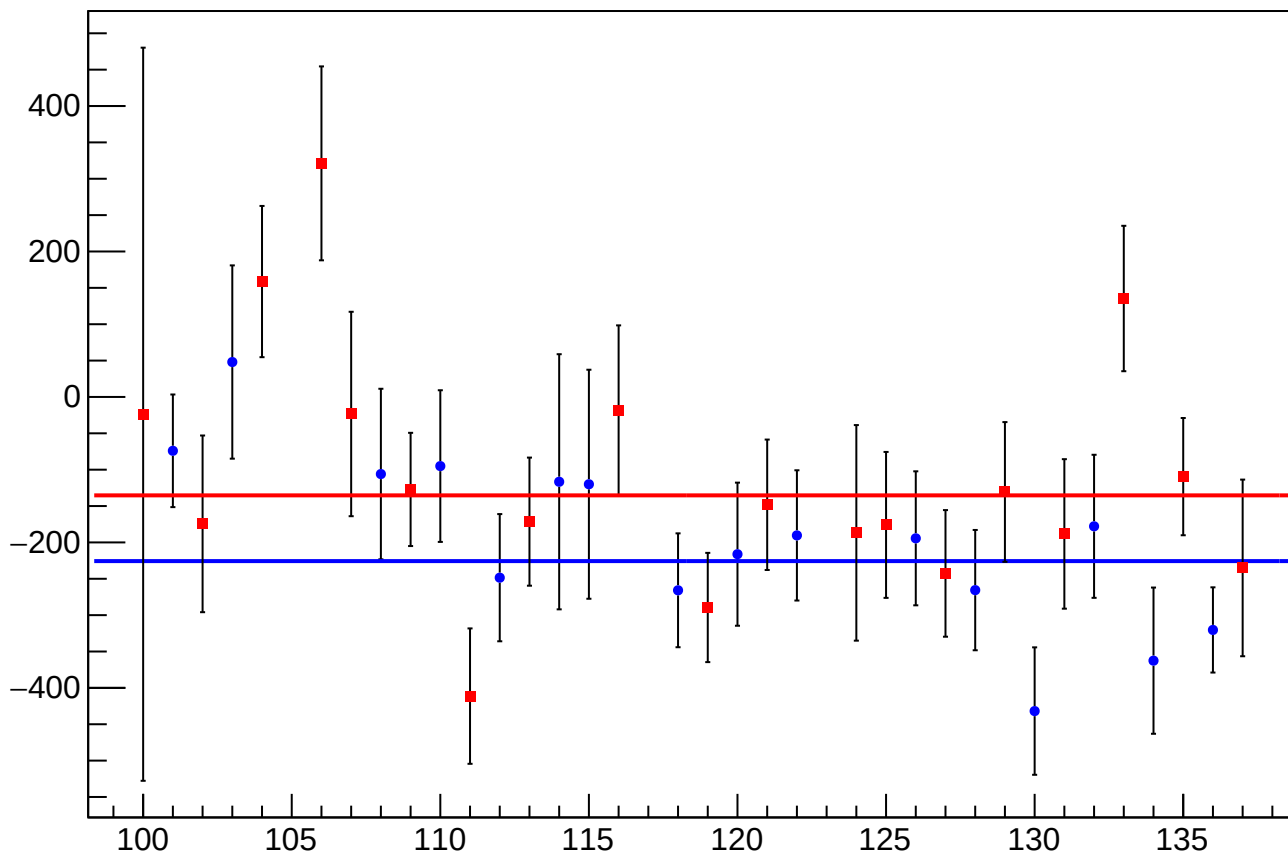
Right: 151.210+/-0.035 χ^2/NDF : 9846393.6/34

In: 168.330+/-0.054 χ^2/NDF :4544100.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.210+/-0.035 χ^2/NDF : 9846393.6/34

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -225.692 $\pm$ 23.118 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -135.311 $\pm$ 23.205 χ^2 /NDF: 44.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

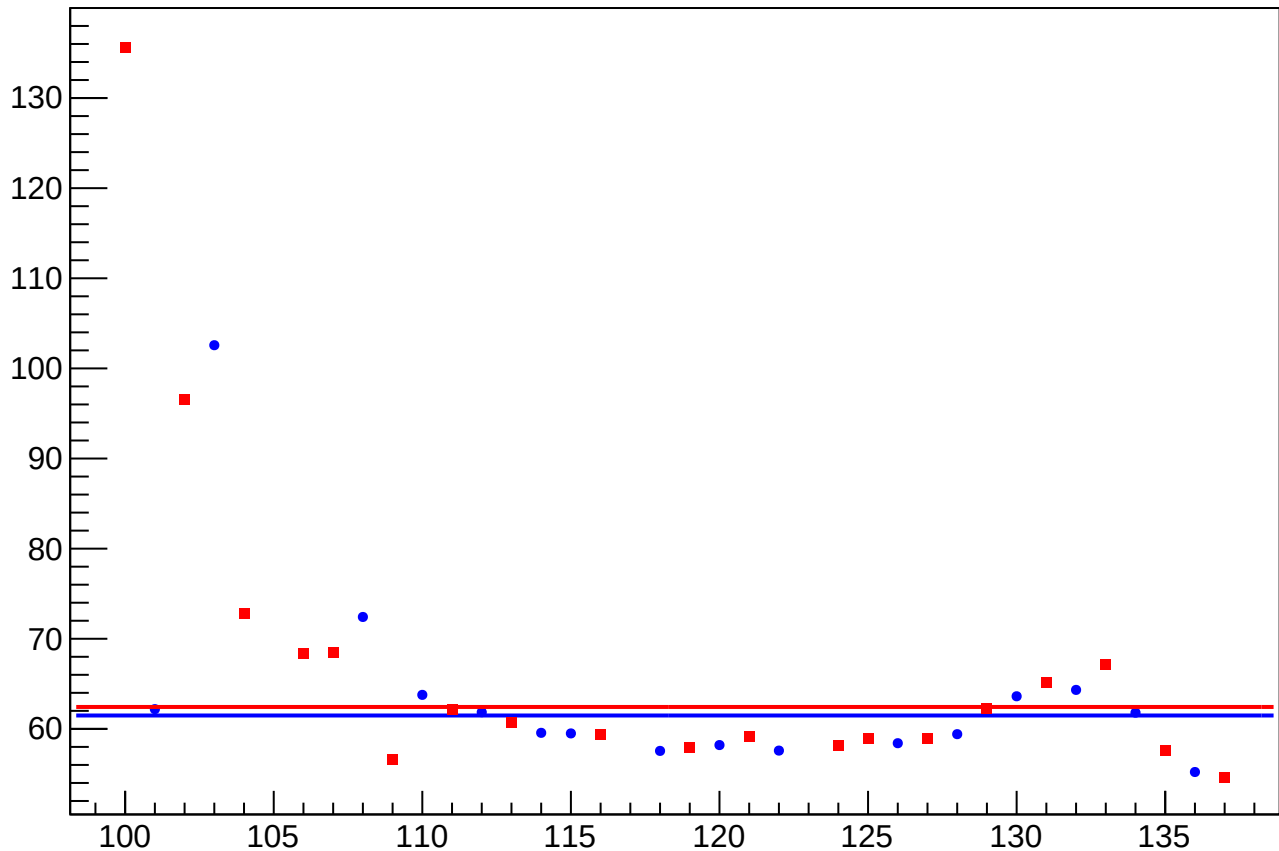
Right: -180.670 $\pm$ 16.378 χ^2 /NDF: 75.1/34

In: -225.692 $\pm$ 23.118 χ^2 /NDF:22.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -180.670 $\pm$ 16.378 χ^2 /NDF: 75.1/34

eigen_cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 61.486 $\pm$ 0.016 χ^2 /NDF: 250671.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 62.433 $\pm$ 0.016 χ^2 /NDF: 279408.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

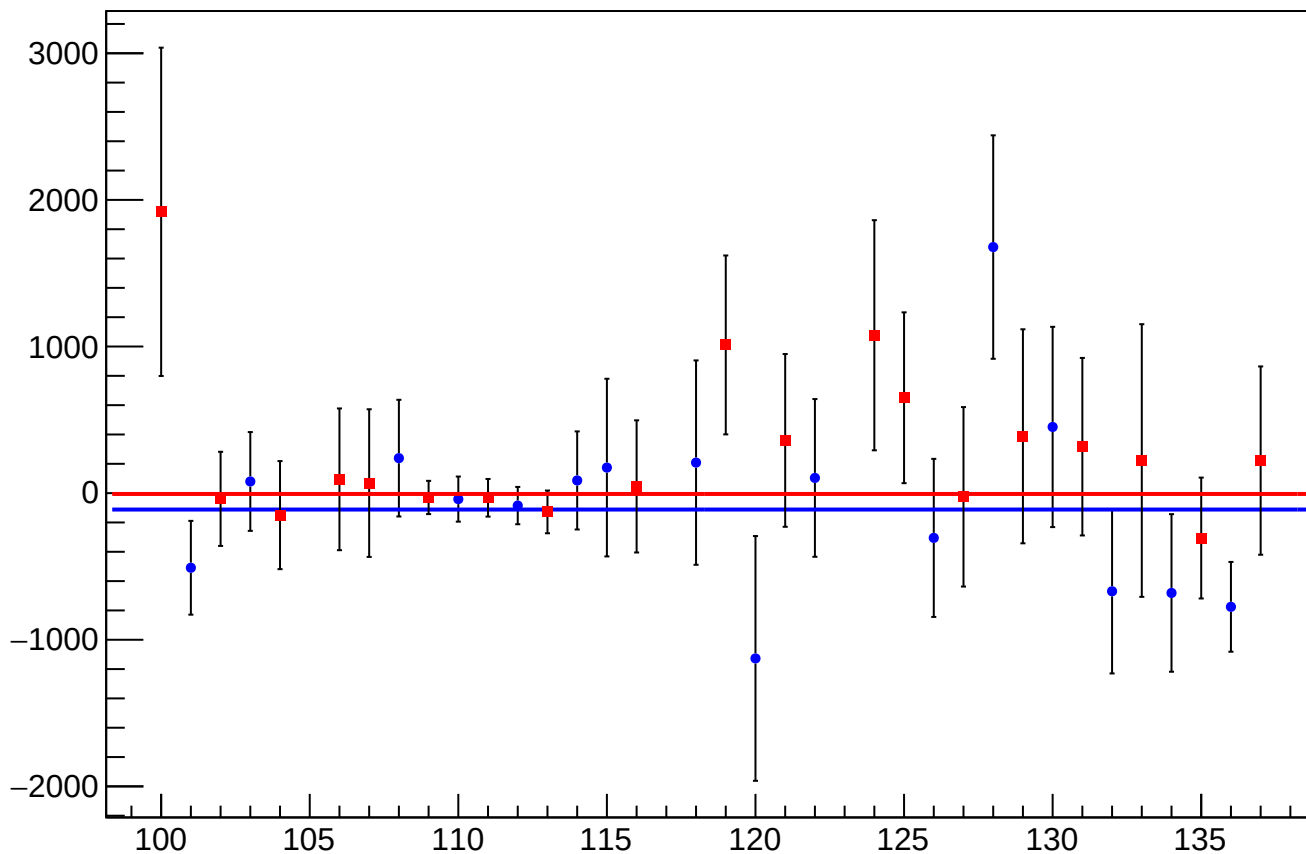
Right: 61.958 $\pm$ 0.012 χ^2 /NDF: 531751.4/34

In: 61.486 $\pm$ 0.016 χ^2 /NDF:250671.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 61.958 $\pm$ 0.012 χ^2 /NDF: 531751.4/34

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.866+/-76.213 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.616+/-64.085 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

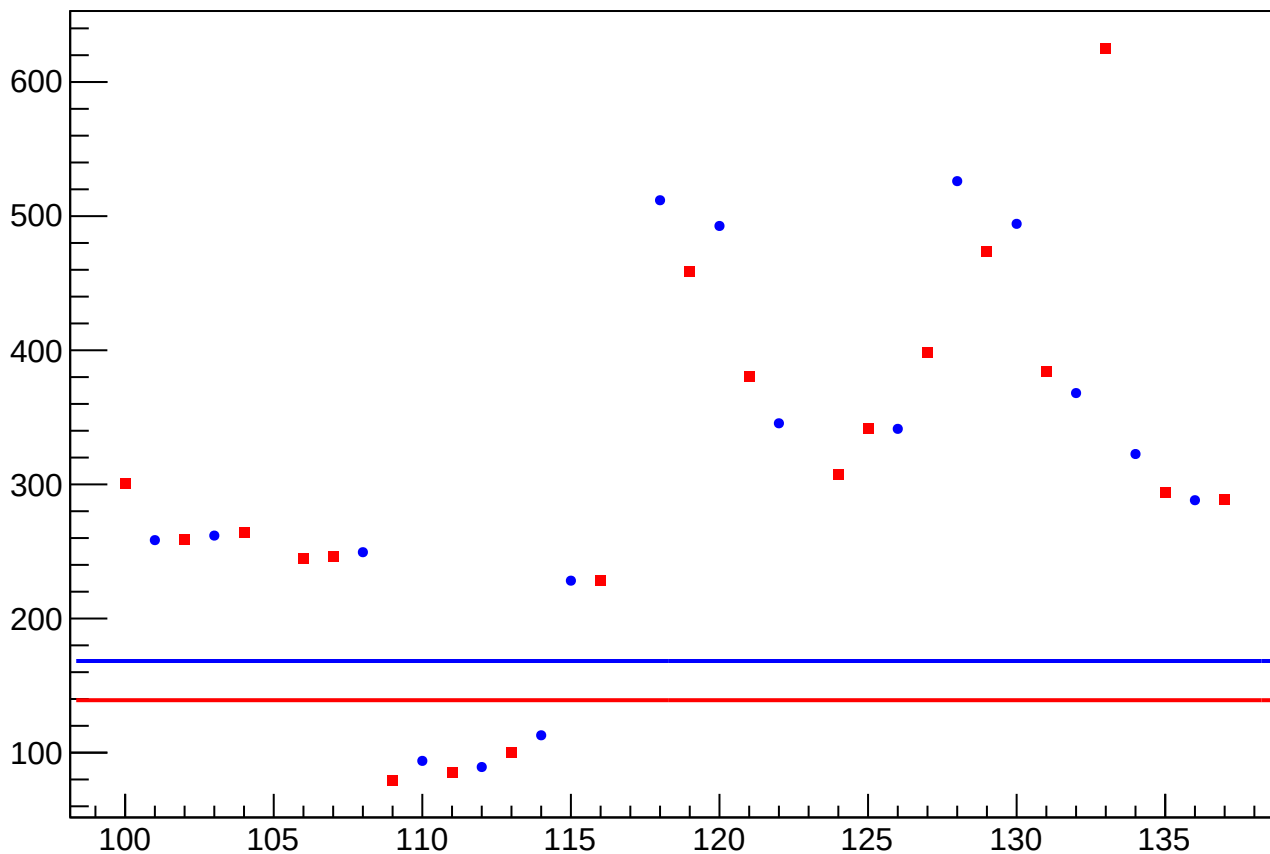
Right: -49.624+/-49.049 χ^2/NDF : 31.2/34

In: -111.866+/-76.213 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -49.624+/-49.049 χ^2/NDF : 31.2/34

asym_sam8_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 168.330+/-0.054 χ^2/NDF : 4544100.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 139.105+/-0.045 χ^2/NDF : 5130011.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

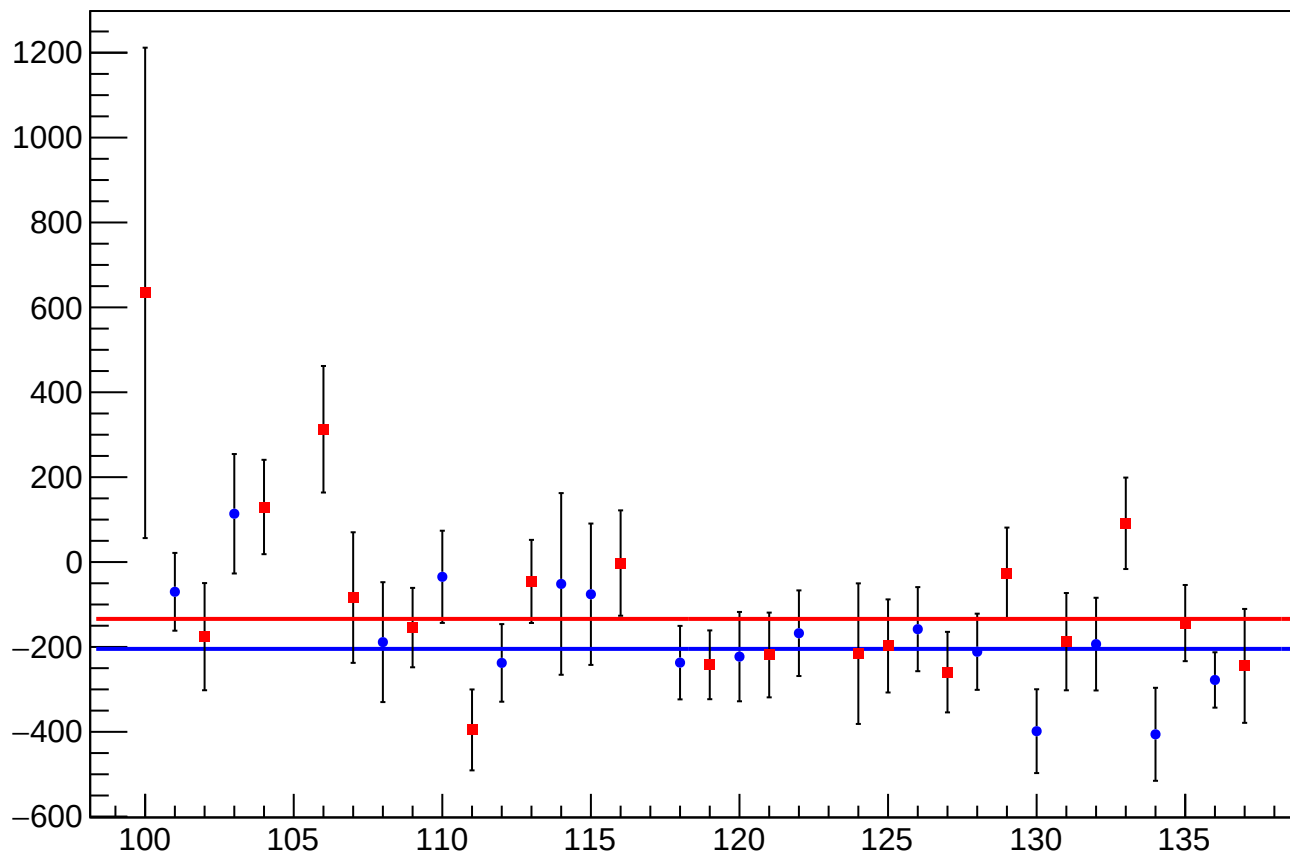
Right: 151.210+/-0.035 χ^2/NDF : 9846393.6/34

In: 168.330+/-0.054 χ^2/NDF :4544100.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 151.210+/-0.035 χ^2/NDF : 9846393.6/34

dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -204.577 ± 25.523 $\chi^2/\text{NDF}: 20.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -133.924 ± 25.484 $\chi^2/\text{NDF}: 37.2/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

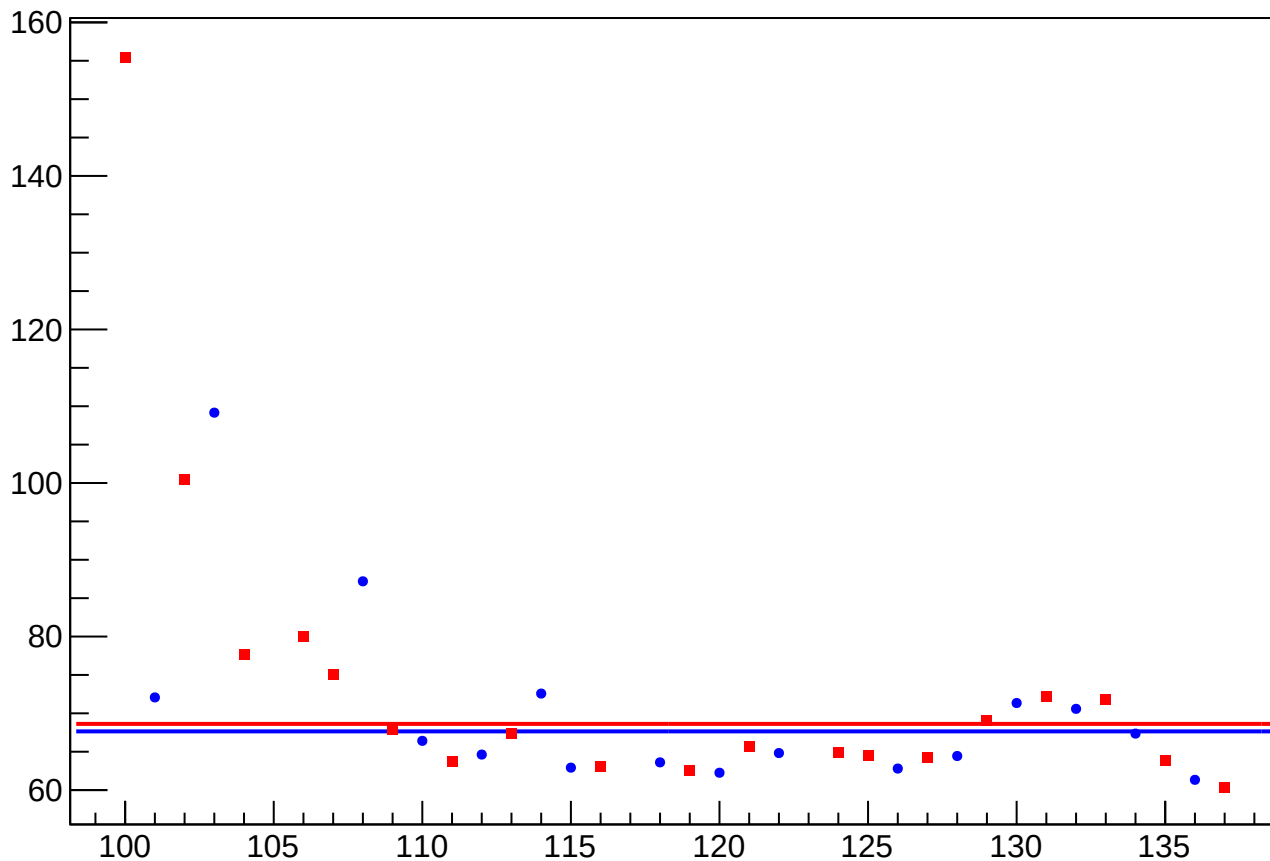
Right: -169.195 ± 18.034 $\chi^2/\text{NDF}: 61.1/34$

In: -204.577 ± 25.523 $\chi^2/\text{NDF}: 20.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -169.195 ± 18.034 $\chi^2/\text{NDF}: 61.1/34$

dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.647+/-0.018 χ^2/NDF : 263669.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.624+/-0.018 χ^2/NDF : 248164.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

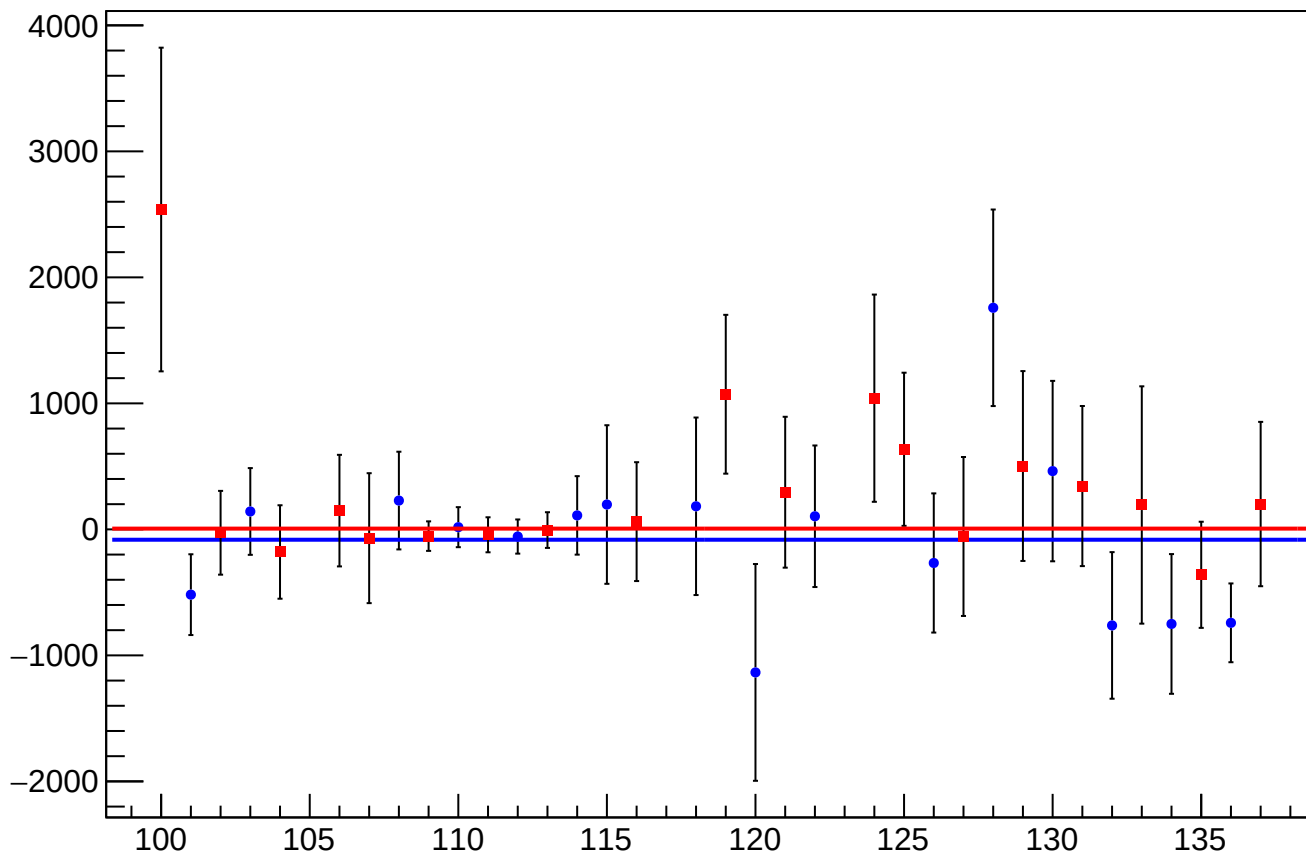
Right: 68.136+/-0.013 χ^2/NDF : 513300.5/34

In: 67.647+/-0.018 χ^2/NDF : 263669.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.136+/-0.013 χ^2/NDF : 513300.5/34

asym_sam8_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.228+/-78.676 χ^2/NDF : 19.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.063+/-65.910 χ^2/NDF : 12.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

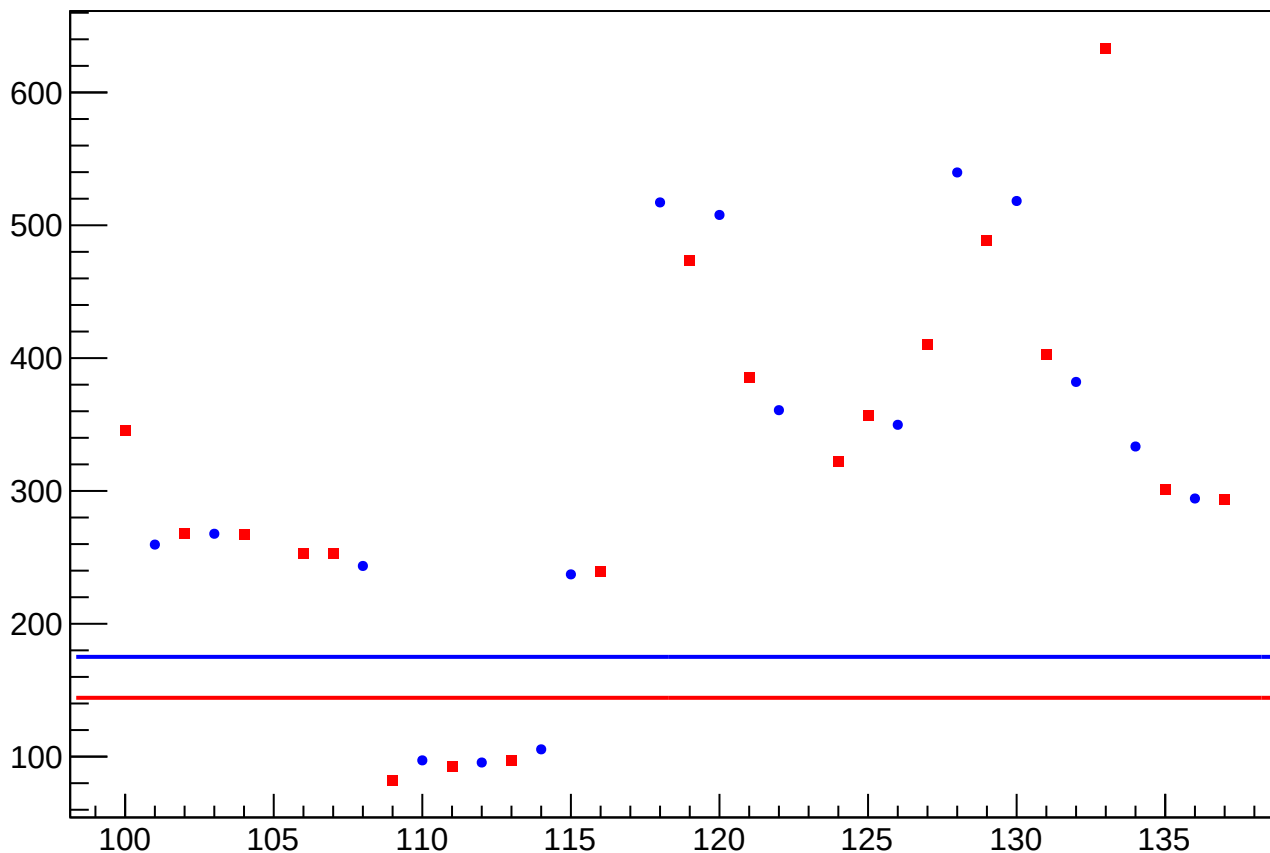
Right: -30.347+/-50.524 χ^2/NDF : 32.0/34

In: -82.228+/-78.676 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.347+/-50.524 χ^2/NDF : 32.0/34

asym_sam8_dit_correction_rms vs Slug, Sign Corrected



Right In: 175.099+/-0.056 χ^2/NDF : 4429076.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.276+/-0.047 χ^2/NDF : 5132432.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

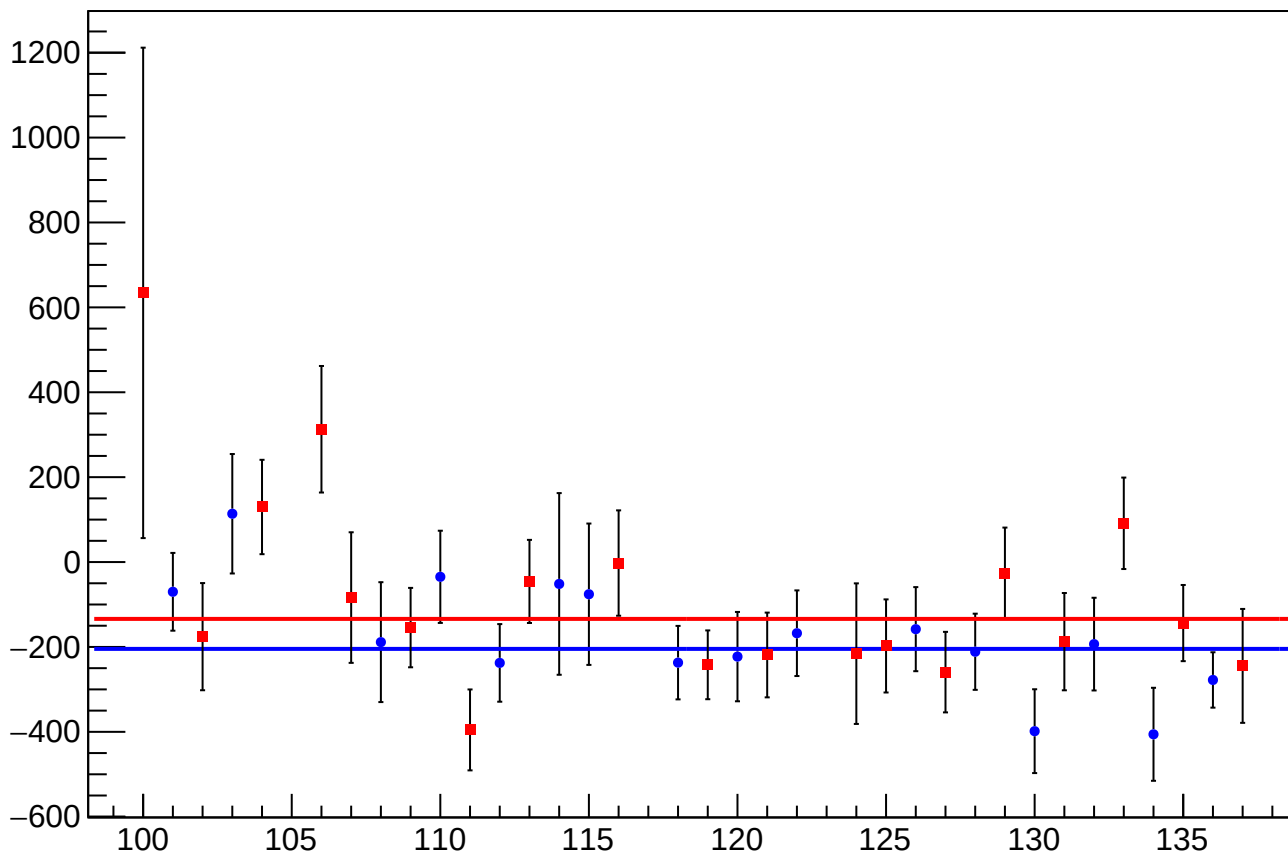
Right: 156.987+/-0.036 χ^2/NDF : 9741889.9/34

In: 175.099+/-0.056 χ^2/NDF :4429076.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 156.987+/-0.036 χ^2/NDF : 9741889.9/34

eigen_dit_asym_sam8_mean vs Slug, Sign Corrected



Right In: -204.577 $\pm$ 25.523 χ^2 /NDF: 20.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -133.926 $\pm$ 25.483 χ^2 /NDF: 37.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

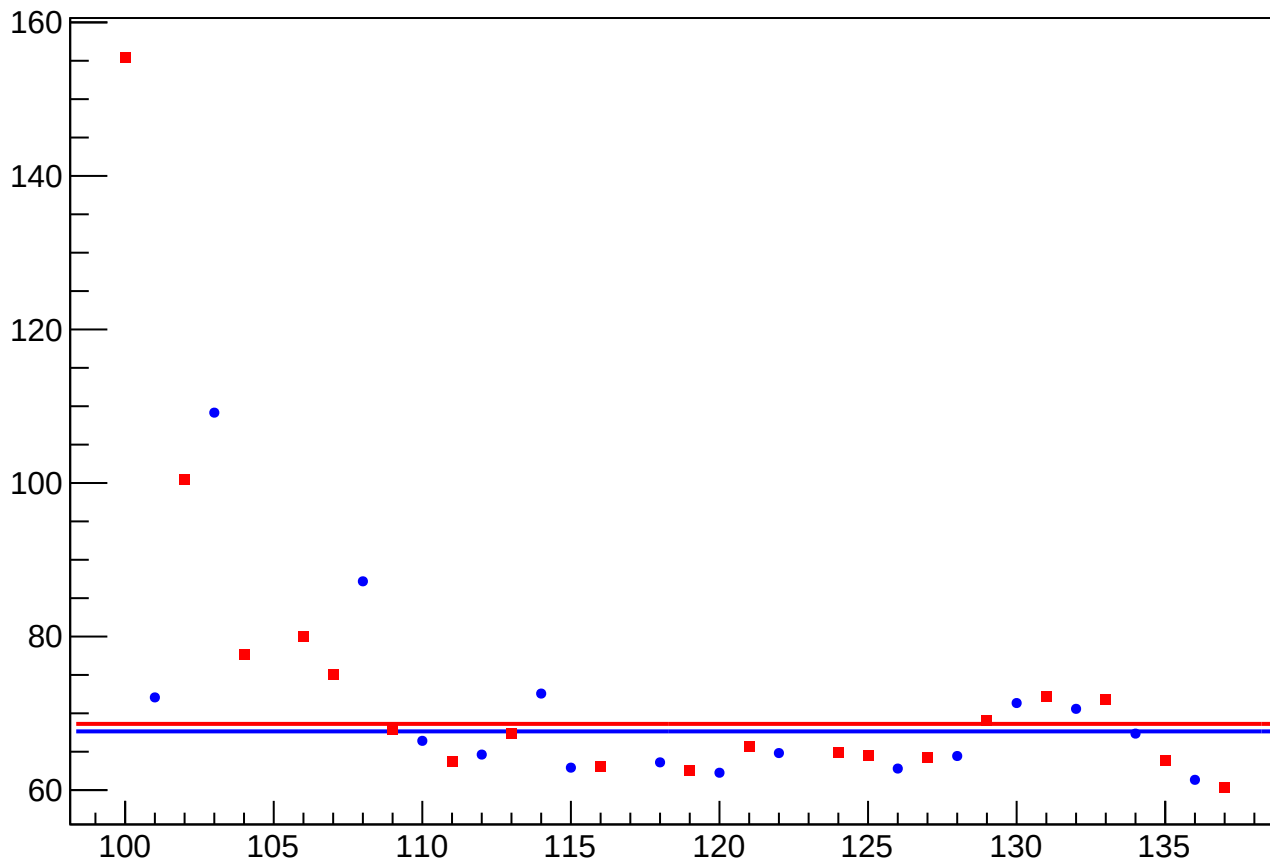
Right: -169.196 $\pm$ 18.034 χ^2 /NDF: 61.1/34

In: -204.577 $\pm$ 25.523 χ^2 /NDF:20.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -169.196 $\pm$ 18.034 χ^2 /NDF: 61.1/34

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.647+/-0.018 χ^2/NDF : 263668.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.624+/-0.018 χ^2/NDF : 248166.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

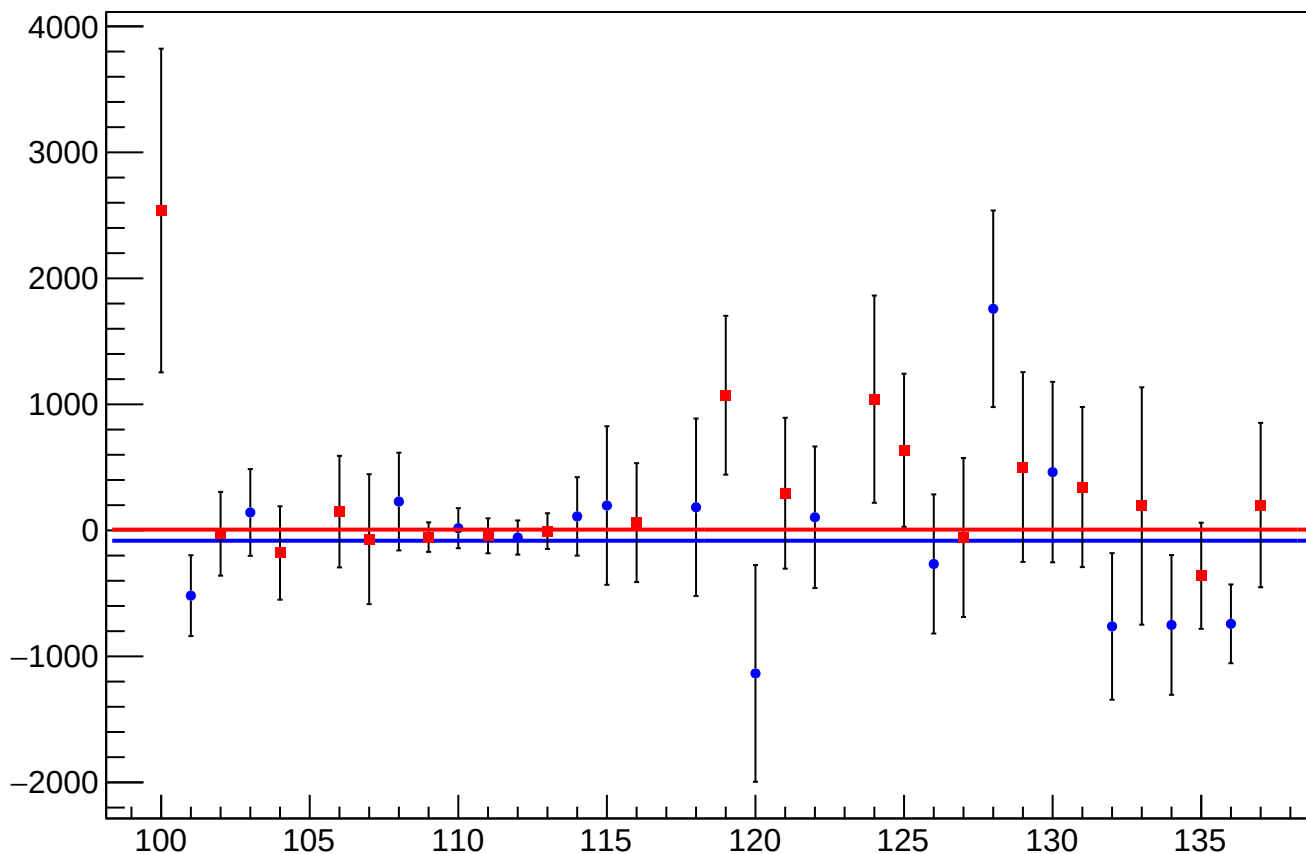
Right: 68.136+/-0.013 χ^2/NDF : 513301.0/34

In: 67.647+/-0.018 χ^2/NDF : 263668.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.136+/-0.013 χ^2/NDF : 513301.0/34

asym_sam8_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -82.226 $\pm$ 78.675 χ^2 /NDF: 19.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 6.062 $\pm$ 65.910 χ^2 /NDF: 12.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

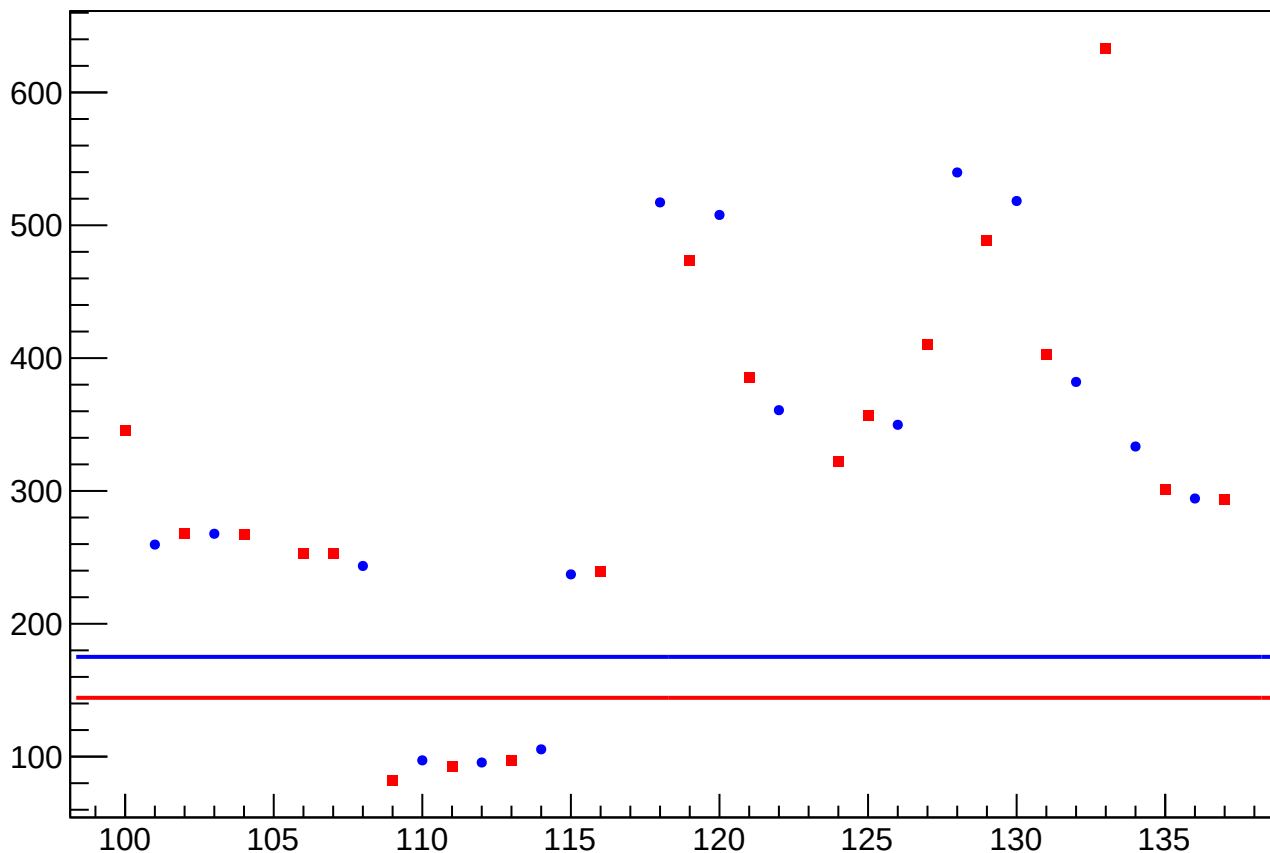
Right: -30.347 $\pm$ 50.524 χ^2 /NDF: 32.0/34

In: -82.226 $\pm$ 78.675 χ^2 /NDF:19.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.347 $\pm$ 50.524 χ^2 /NDF: 32.0/34

asym_sam8_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 175.098+/-0.056 χ^2/NDF : 4429098.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 144.276+/-0.047 χ^2/NDF : 5132412.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

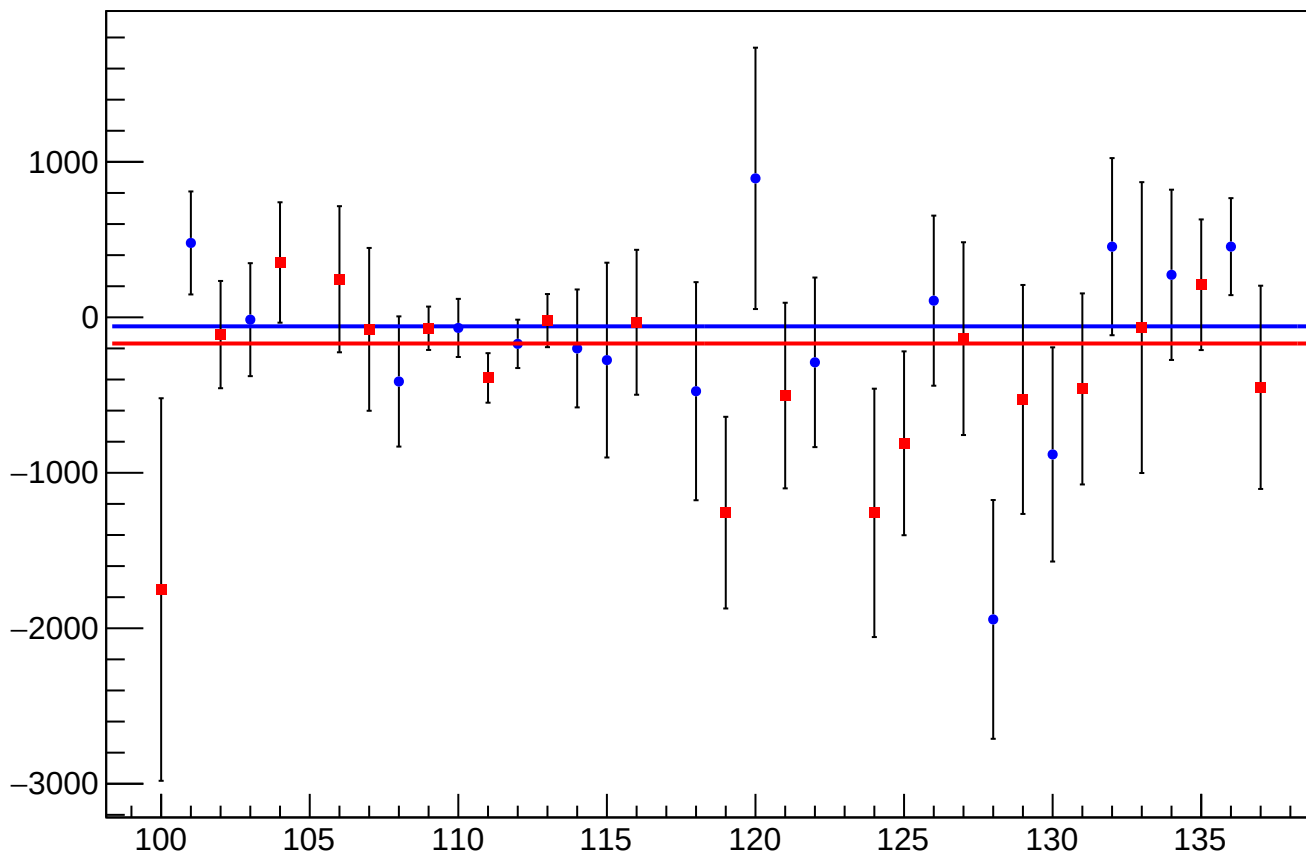
Right: 156.987+/-0.036 χ^2/NDF : 9741880.9/34

In: 175.098+/-0.056 χ^2/NDF :4429098.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 156.987+/-0.036 χ^2/NDF : 9741880.9/34

asym_sam8_mean vs Slug, Sign Corrected



Right In: -57.970 ± 86.890 χ^2/NDF : 17.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -168.322 ± 74.598 χ^2/NDF : 15.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

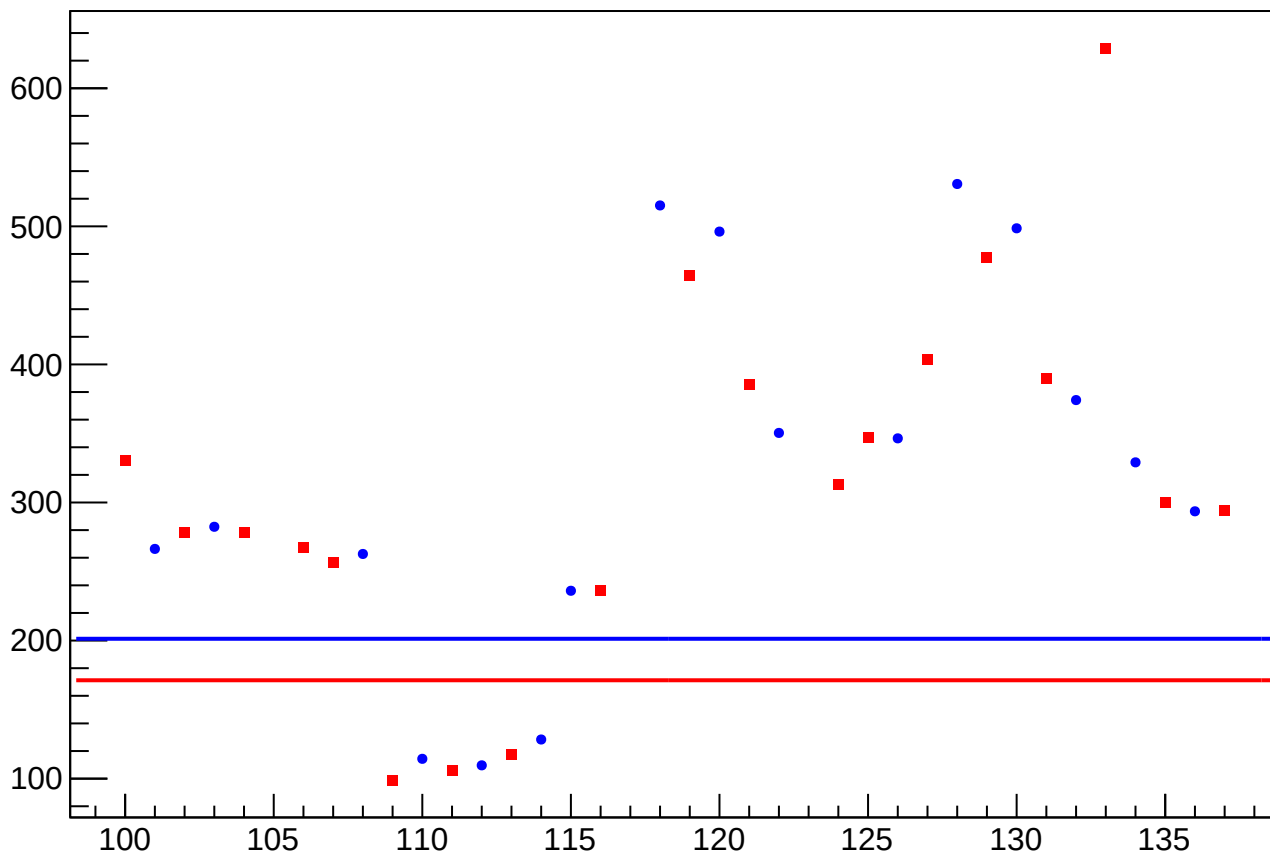
Right: -121.498 ± 56.600 χ^2/NDF : 33.8/34

In: -57.970 ± 86.890 χ^2/NDF : 17.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -121.498 ± 56.600 χ^2/NDF : 33.8/34

asym_sam8_rms vs Slug, Sign Corrected



Right In: 201.301+/-0.061 χ^2/NDF : 3572199.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 171.252+/-0.053 χ^2/NDF : 4192554.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

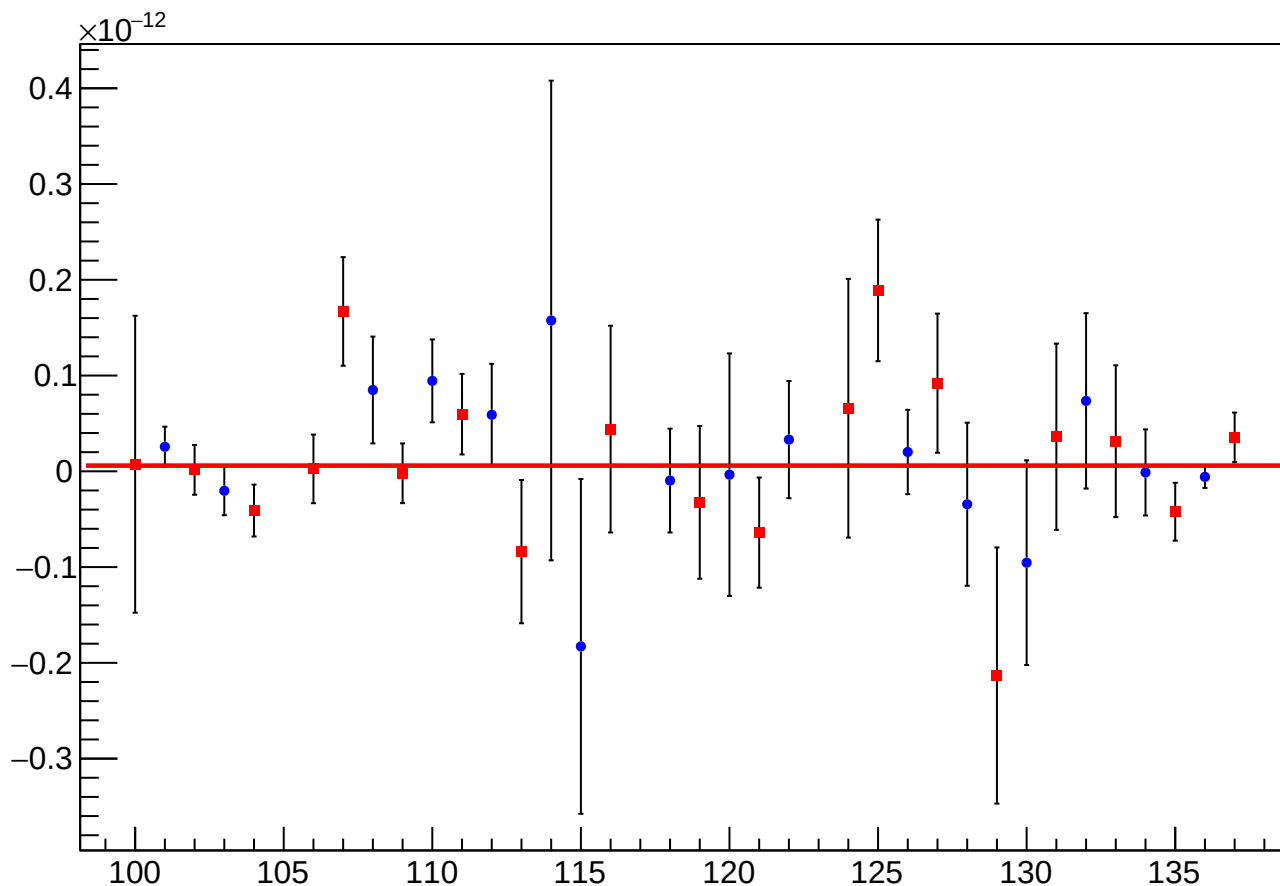
Right: 184.002+/-0.040 χ^2/NDF : 7902458.5/34

In: 201.301+/-0.061 χ^2/NDF :3572199.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 184.002+/-0.040 χ^2/NDF : 7902458.5/34

asym_sam8_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 30.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

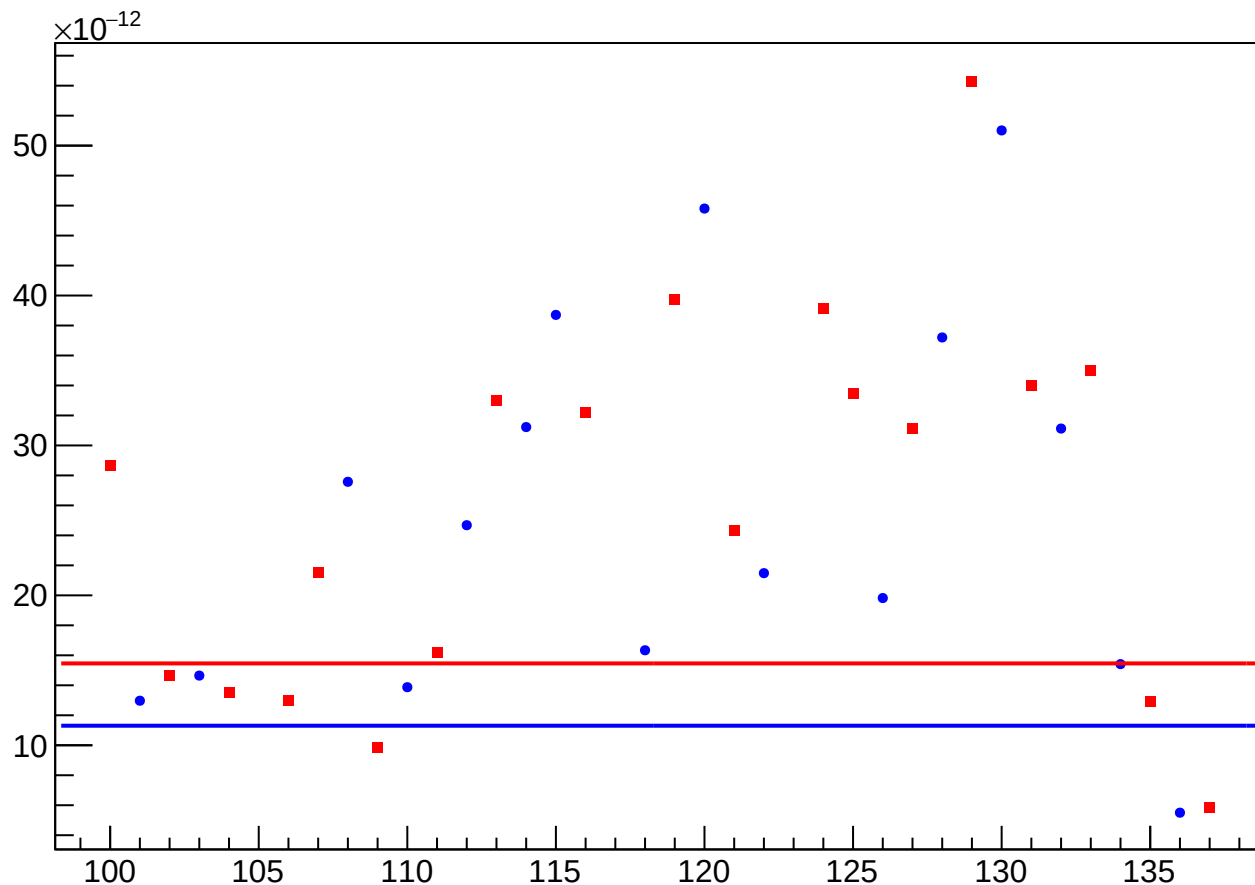
Right: 0.000+/-0.000 χ^2/NDF : 44.3/34

In: 0.000+/-0.000 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 44.3/34

asym_sam8_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1788731.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1442096.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

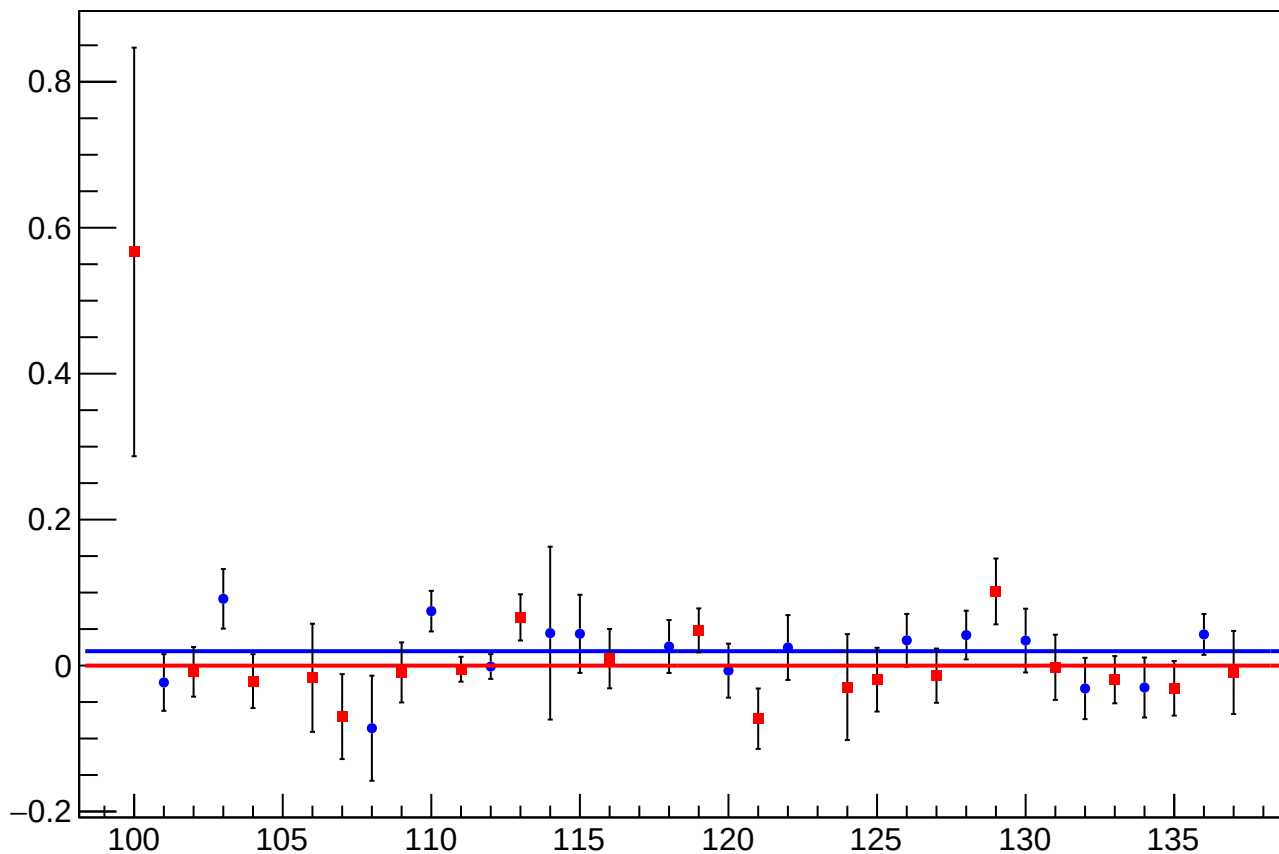
Right: 0.000+/-0.000 χ^2/NDF : 3431603.8/34

In: 0.000+/-0.000 χ^2/NDF : 1788731.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3431603.8/34

asym_sam8_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.009 χ^2/NDF : 17.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.009 χ^2/NDF : 22.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

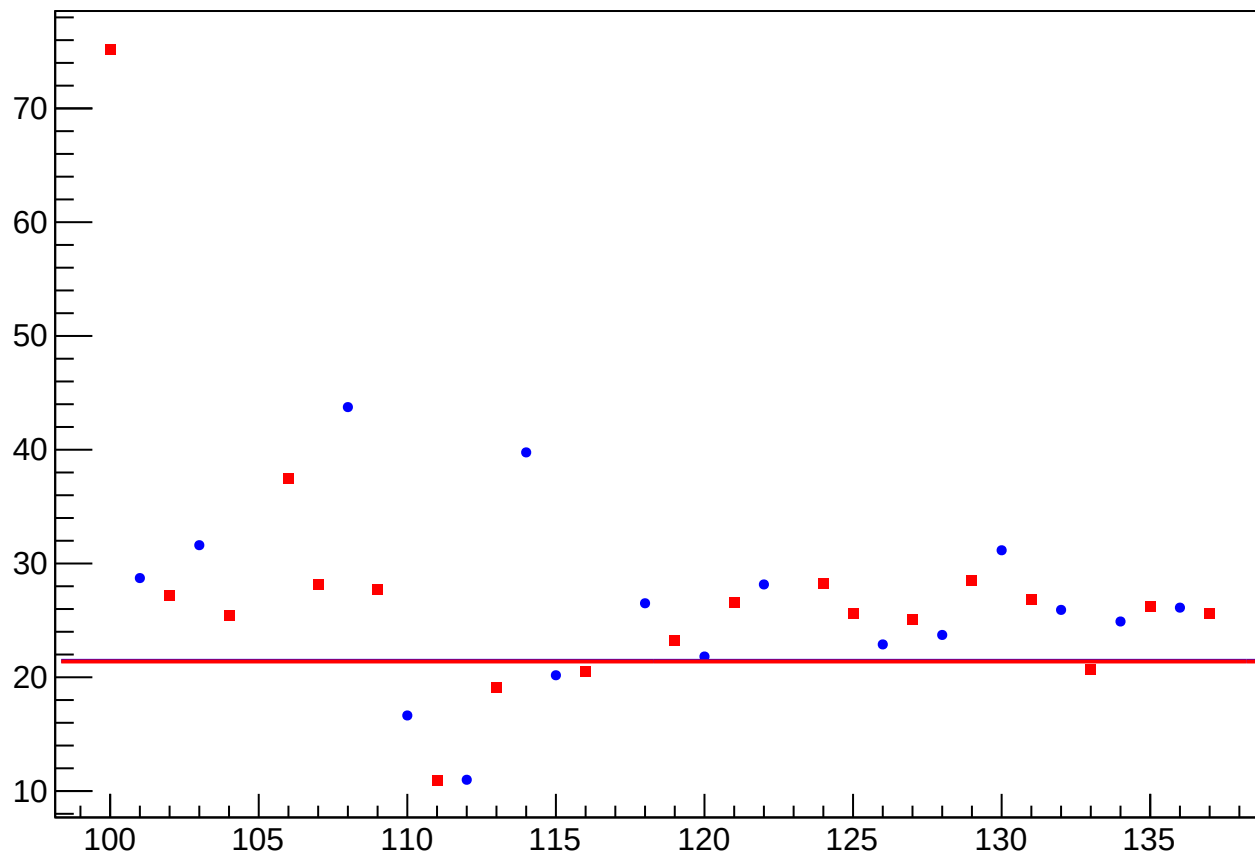
Right: 0.010+/-0.006 χ^2/NDF : 42.5/34

In: 0.020+/-0.009 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 42.5/34

asym_sam8_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF : 1311934.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

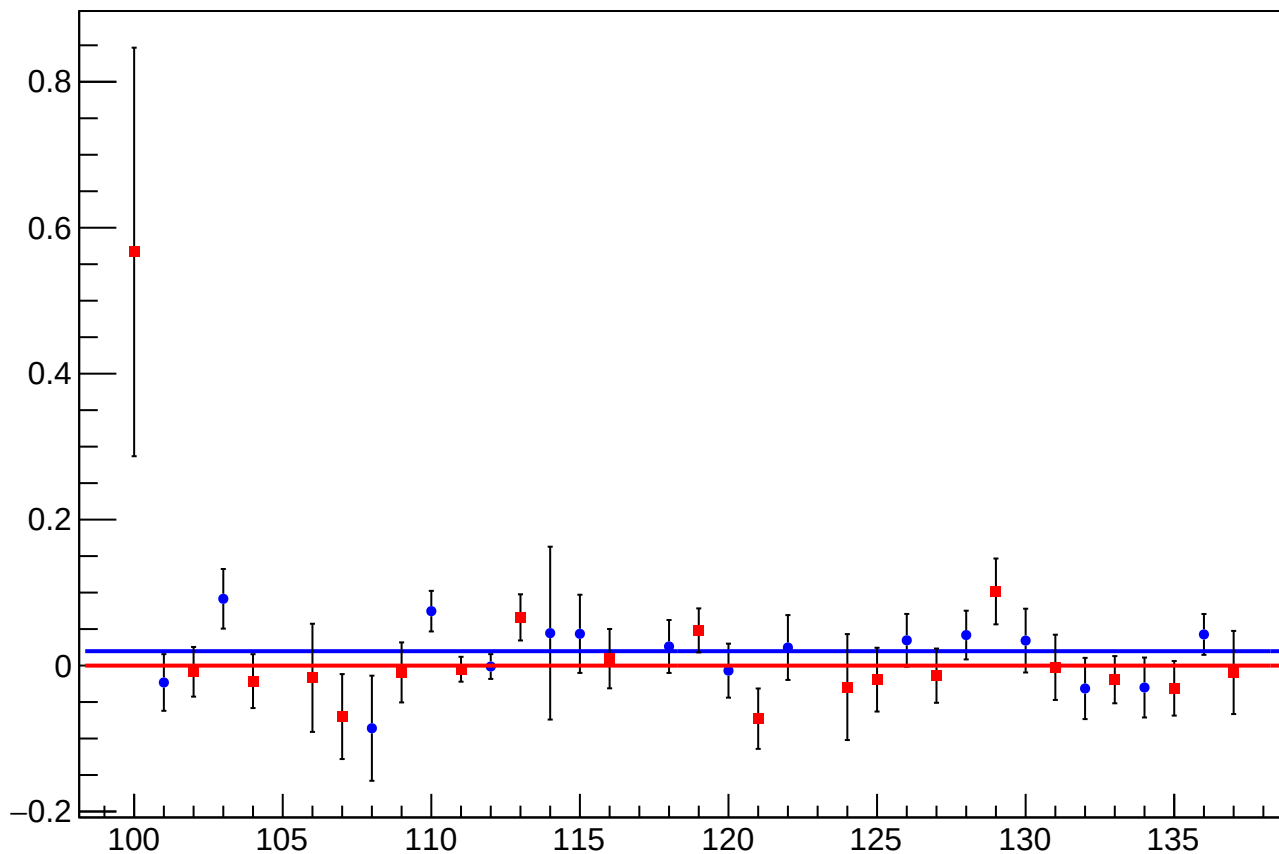
Right: 21.416+/-0.004 χ^2/NDF : 2852687.6/34

In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.416+/-0.004 χ^2/NDF : 2852687.6/34

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.009 χ^2 /NDF: 17.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.009 χ^2 /NDF: 22.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

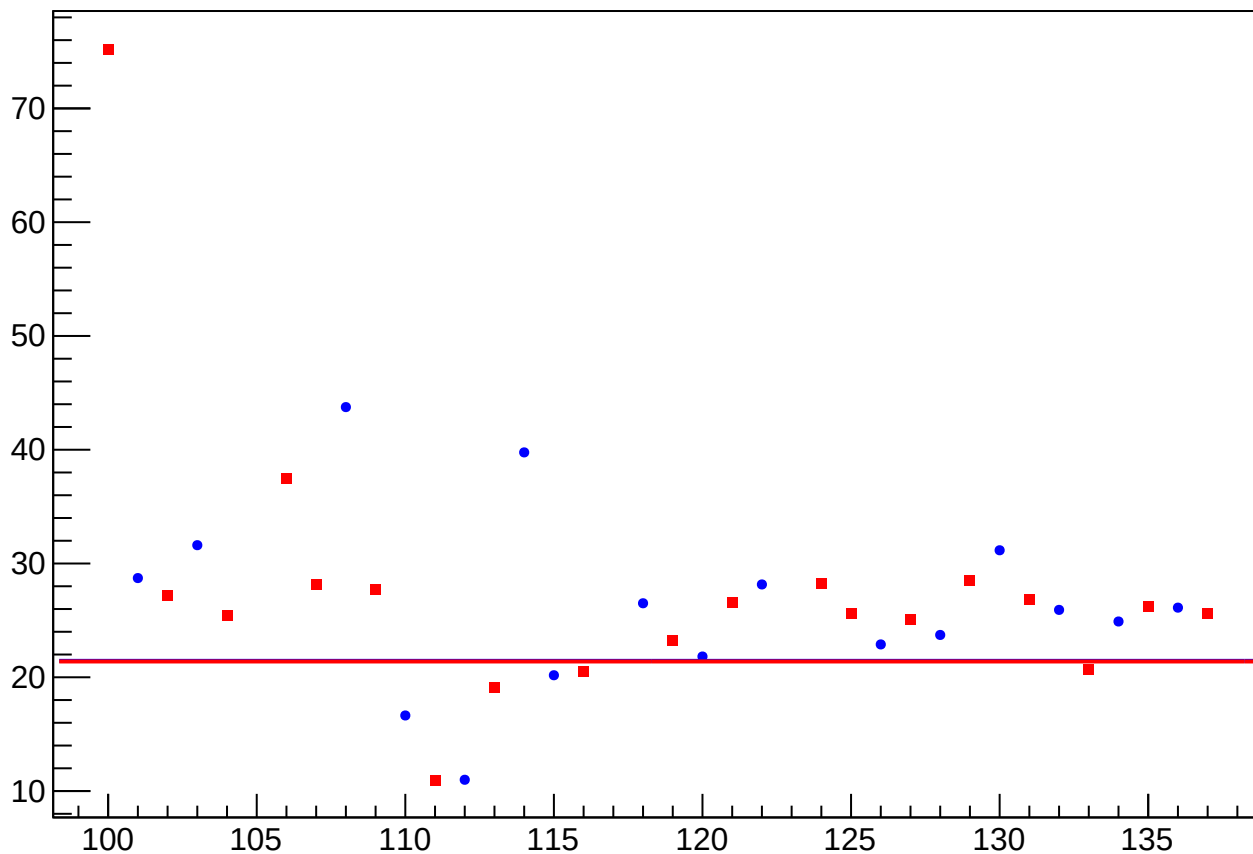
Right: 0.010 $\pm$ 0.006 χ^2 /NDF: 42.5/34

In: 0.020 $\pm$ 0.009 χ^2 /NDF:17.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.006 χ^2 /NDF: 42.5/34

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF : 1311934.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

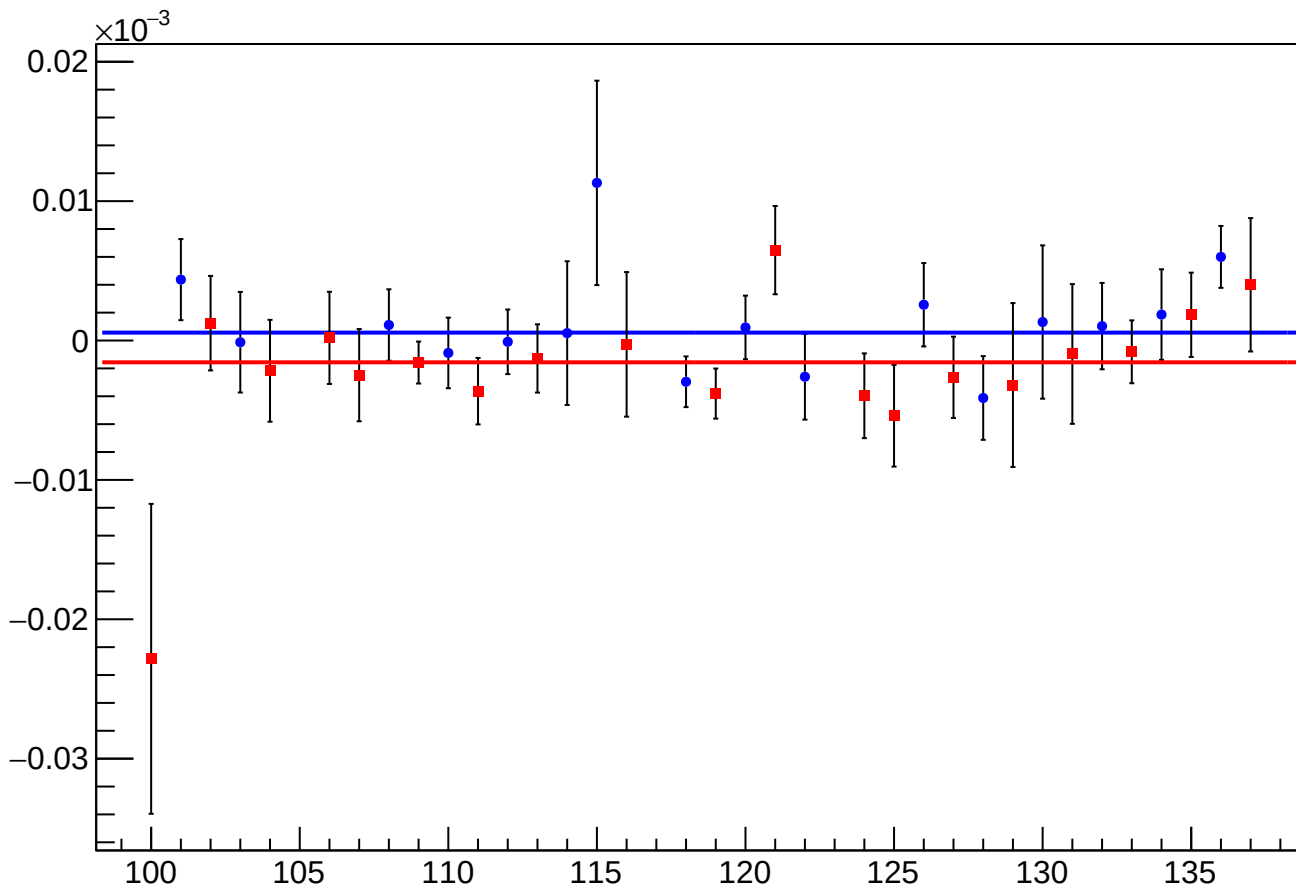
Right: 21.416+/-0.004 χ^2/NDF : 2852687.6/34

In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.416+/-0.004 χ^2/NDF : 2852687.6/34

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

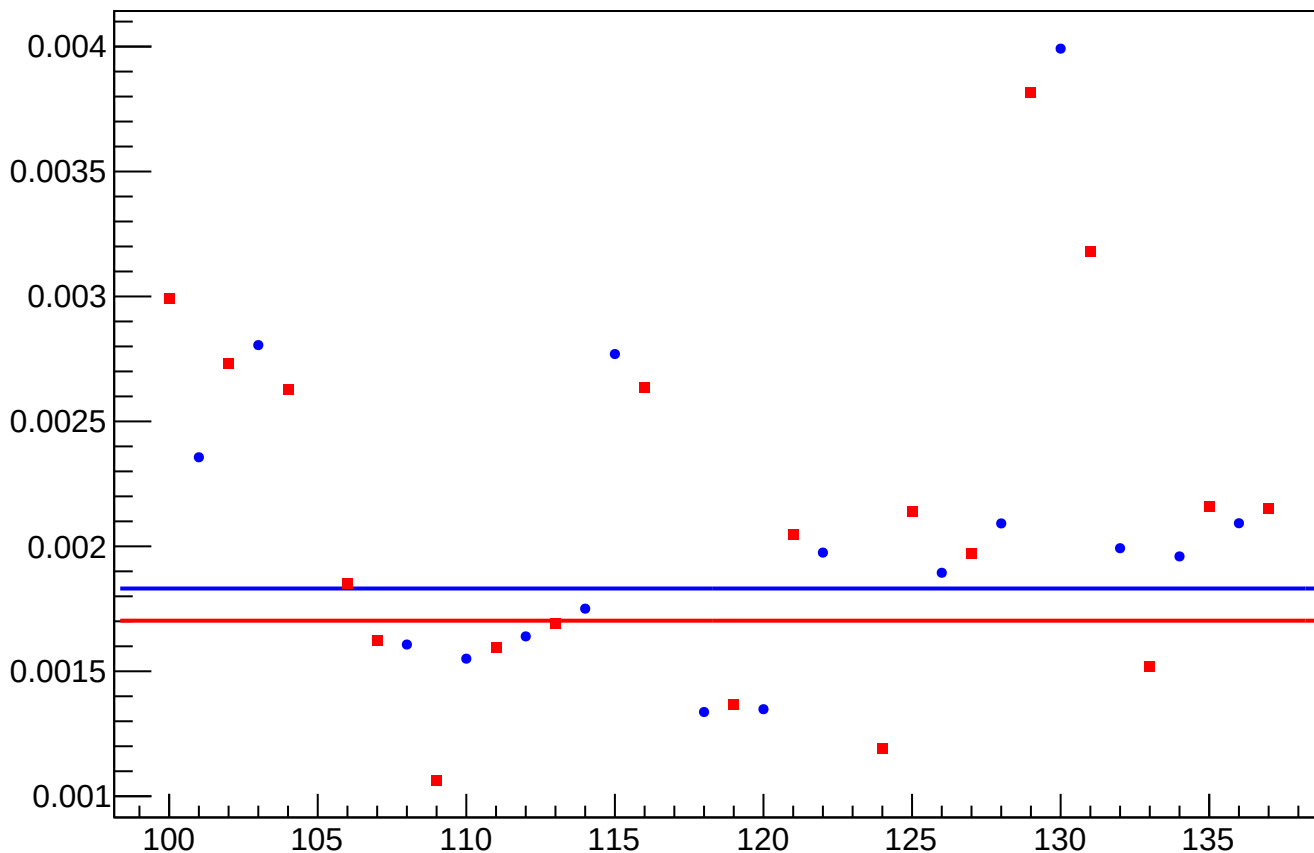
Right: -0.000+/-0.000 χ^2/NDF : 41.4/34

In: 0.000+/-0.000 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.4/34

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 900406.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1478057.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

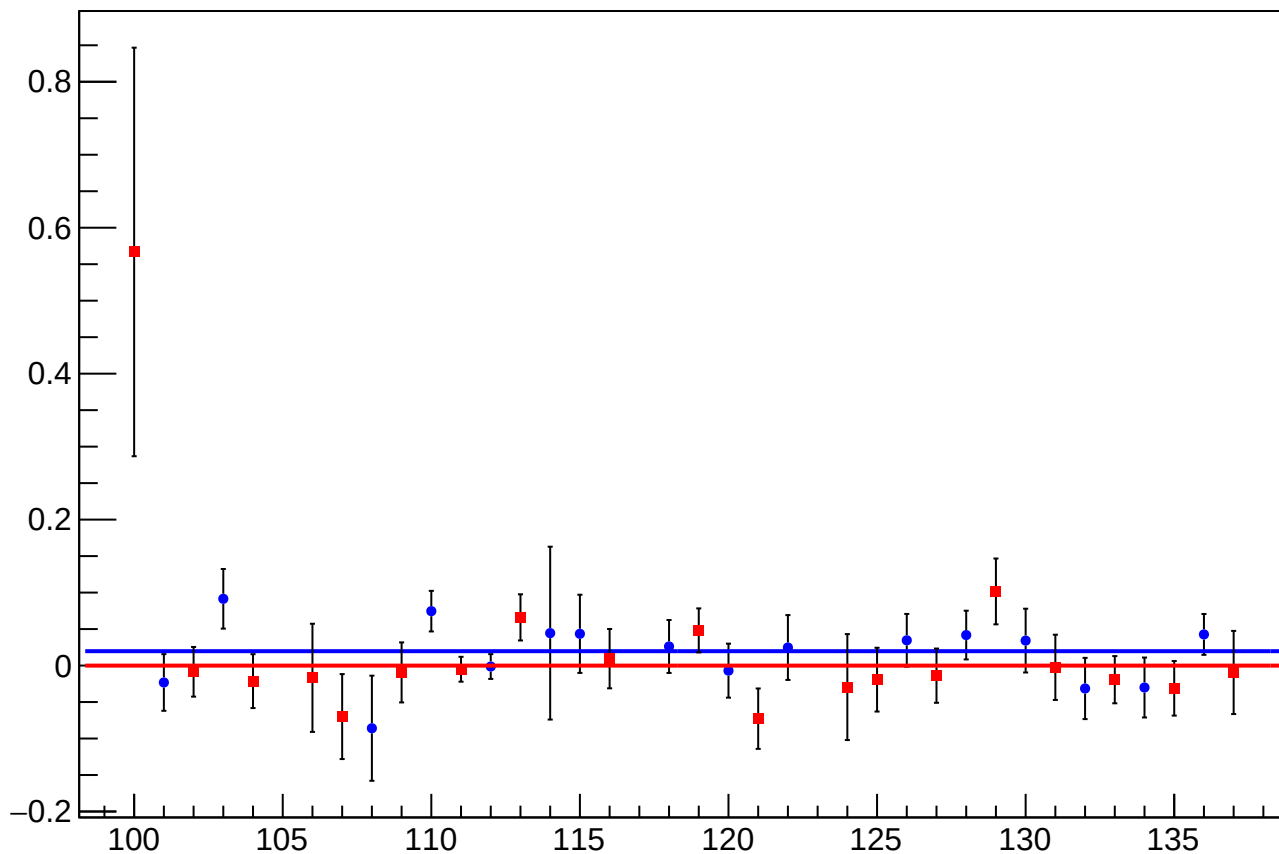
Right: 0.002+/-0.000 χ^2/NDF : 2413966.0/34

In: 0.002+/-0.000 χ^2/NDF : 900406.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2413966.0/34

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020 $\pm$ 0.009 χ^2 /NDF: 17.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.009 χ^2 /NDF: 22.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

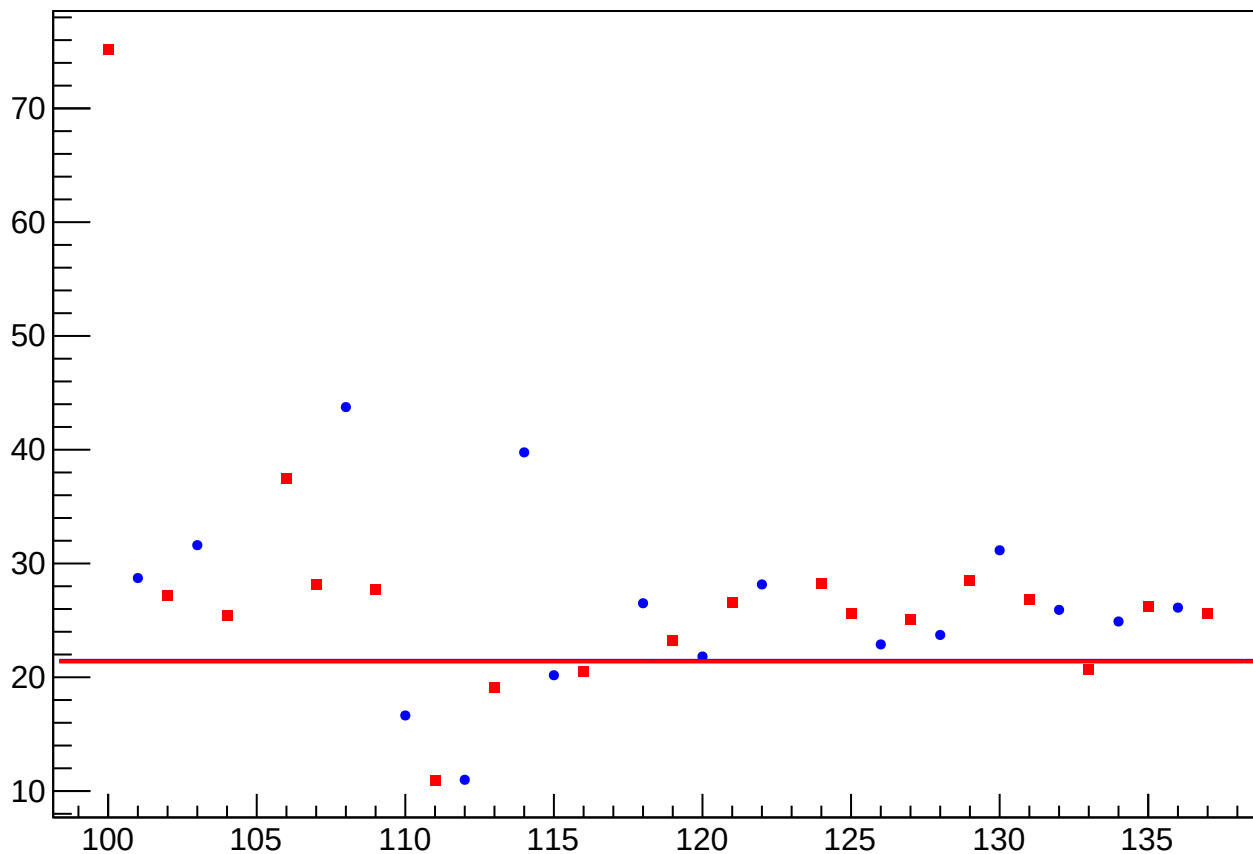
Right: 0.010 $\pm$ 0.006 χ^2 /NDF: 42.5/34

In: 0.020 $\pm$ 0.009 χ^2 /NDF:17.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.006 χ^2 /NDF: 42.5/34

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF : 1312055.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

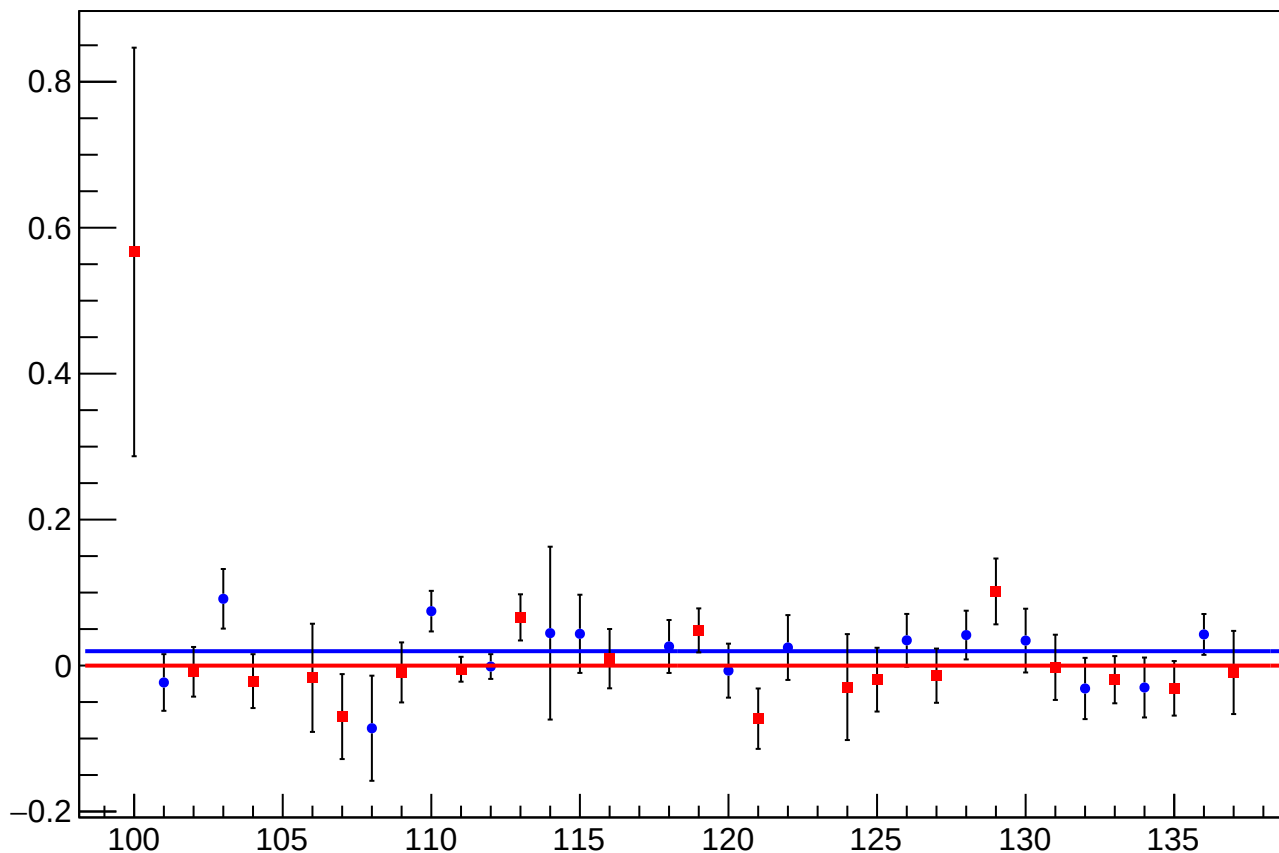
Right: 21.415+/-0.004 χ^2/NDF : 2852955.1/34

In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.415+/-0.004 χ^2/NDF : 2852955.1/34

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.020+/-0.009 χ^2/NDF : 17.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.009 χ^2/NDF : 22.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

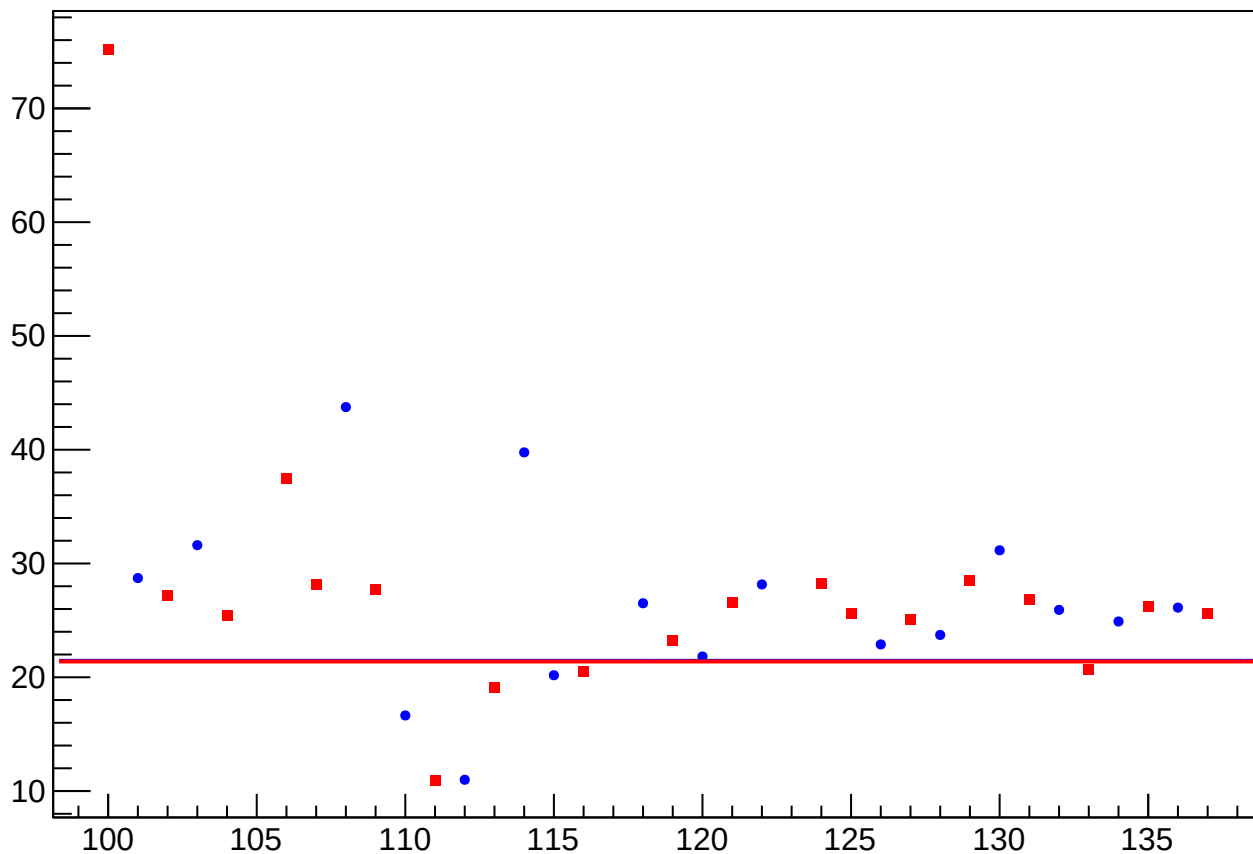
Right: 0.010+/-0.006 χ^2/NDF : 42.5/34

In: 0.020+/-0.009 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 42.5/34

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.389+/-0.006 χ^2/NDF : 1312055.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

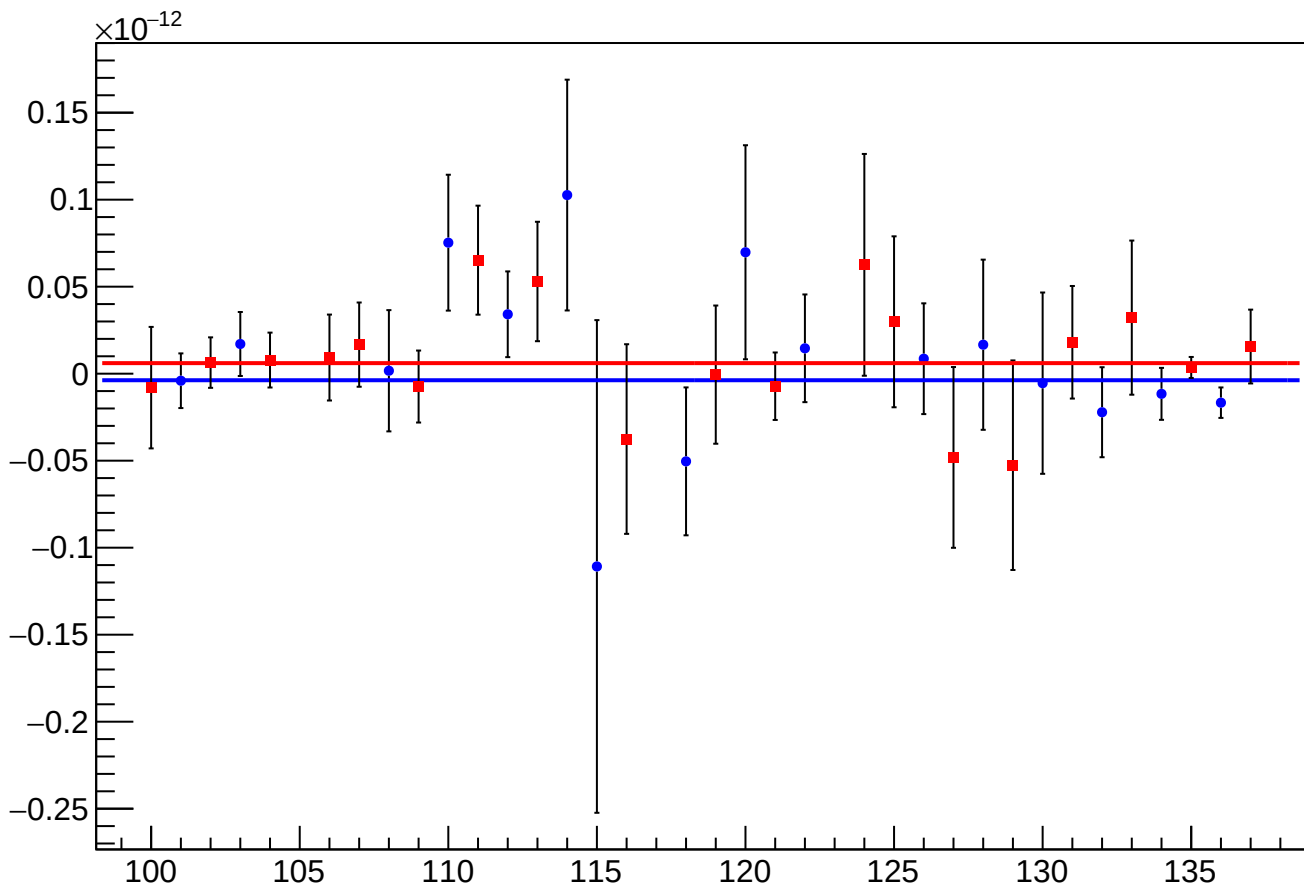
Right: 21.415+/-0.004 χ^2/NDF : 2852955.1/34

In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.415+/-0.004 χ^2/NDF : 2852955.1/34

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

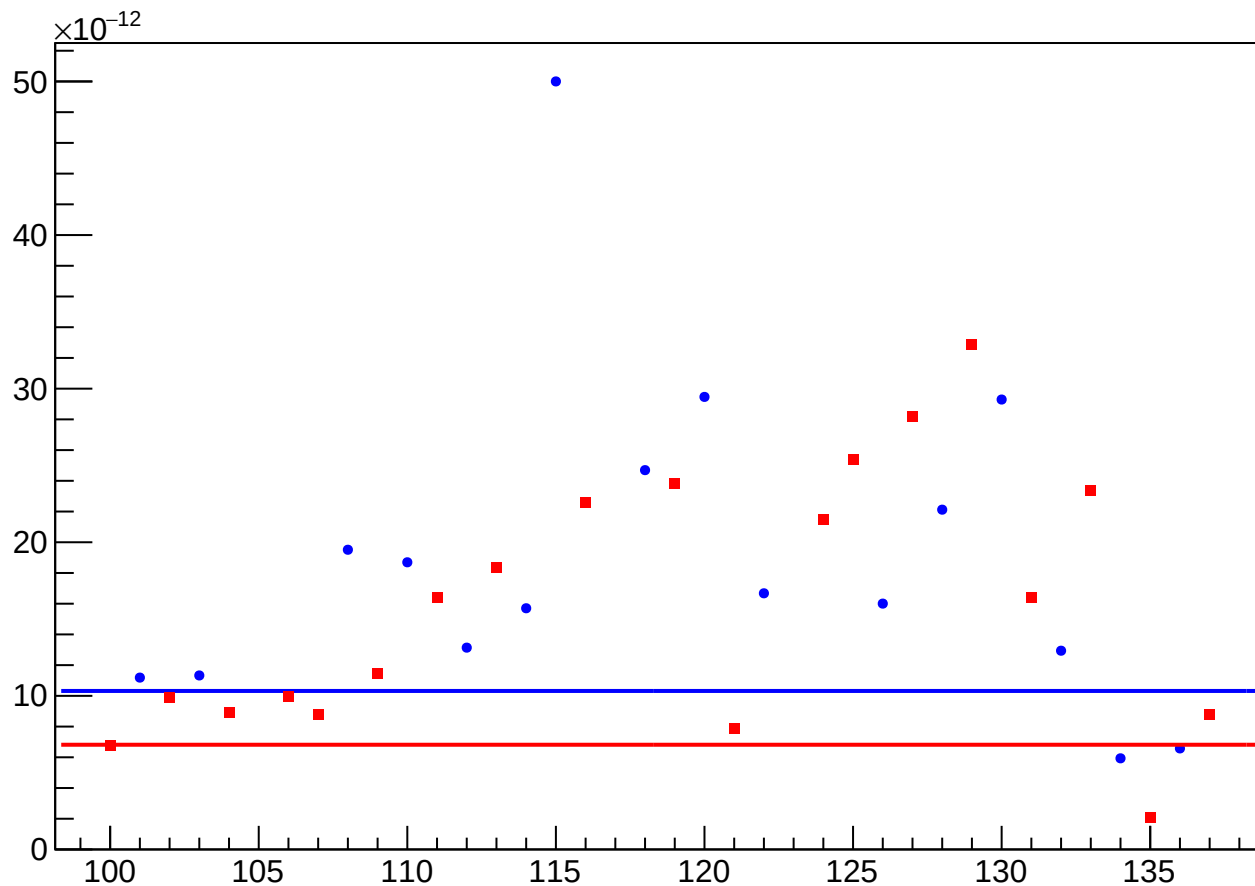
Right: 0.000+/-0.000 χ^2/NDF : 30.5/34

In: -0.000+/-0.000 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/34

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1951308.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4021812.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

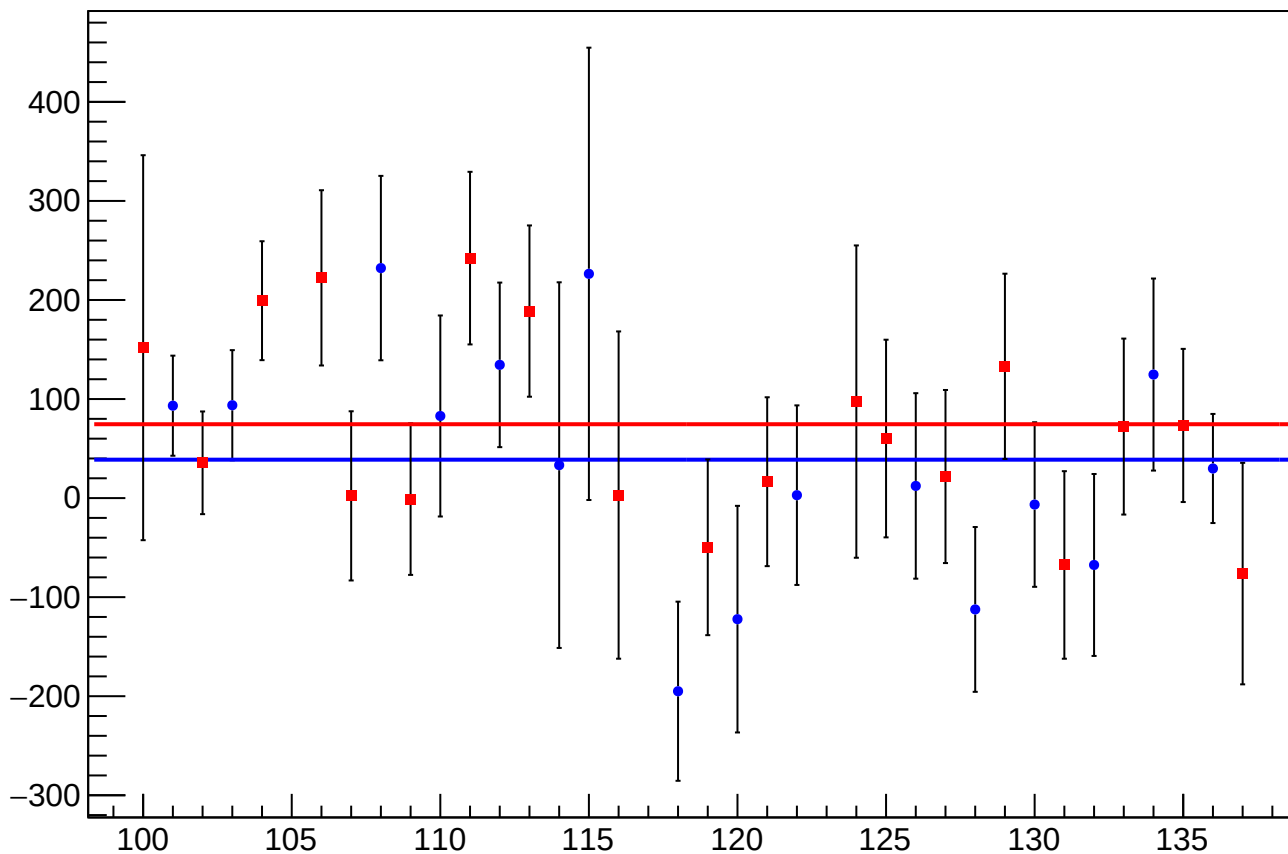
Right: 0.000+/-0.000 χ^2/NDF : 6473556.7/34

In: 0.000+/-0.000 χ^2/NDF : 1951308.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6473556.7/34

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.782 $\pm$ 20.413 χ^2 /NDF: 23.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.578 $\pm$ 19.802 χ^2 /NDF: 22.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

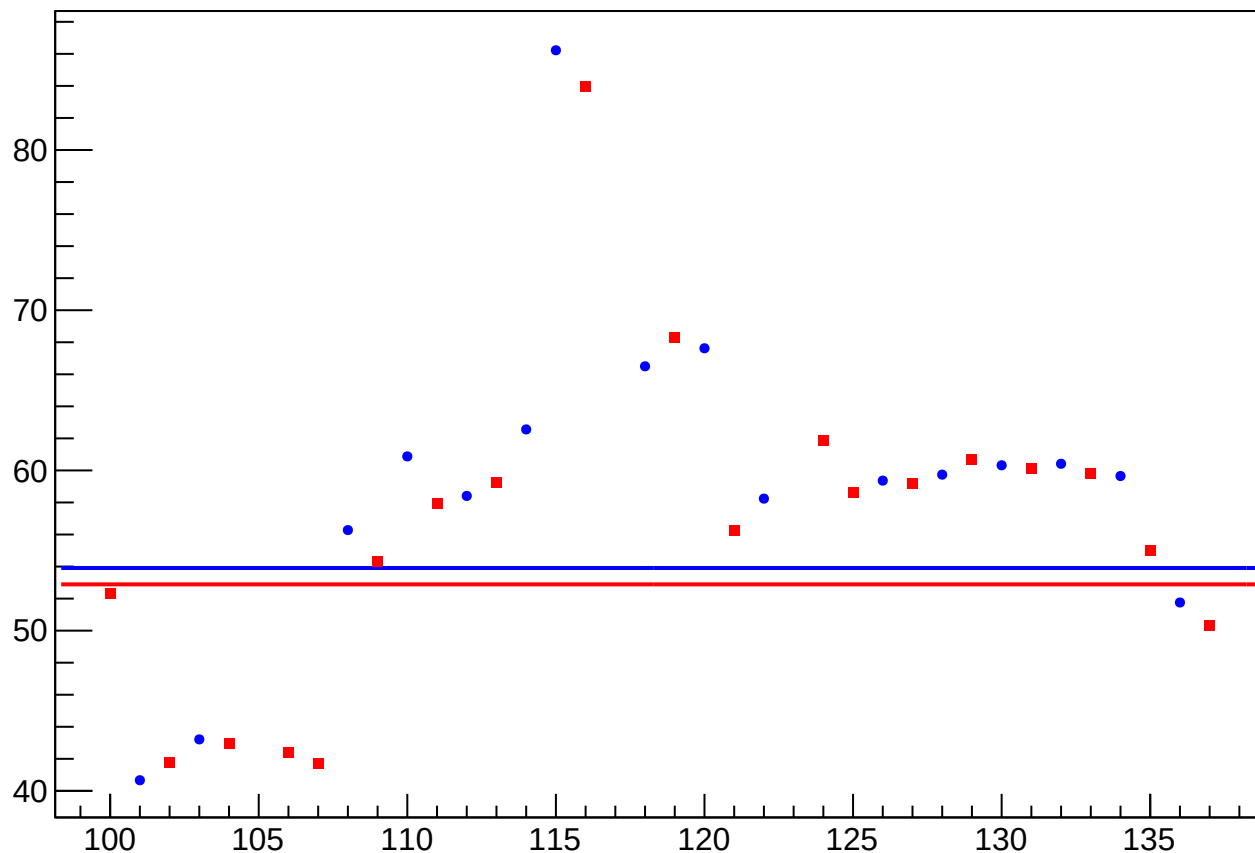
Right: 57.224 $\pm$ 14.213 χ^2 /NDF: 47.3/34

In: 38.782 $\pm$ 20.413 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.224 $\pm$ 14.213 χ^2 /NDF: 47.3/34

reg_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.912+/-0.014 χ^2/NDF : 393261.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.889+/-0.014 χ^2/NDF : 425226.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

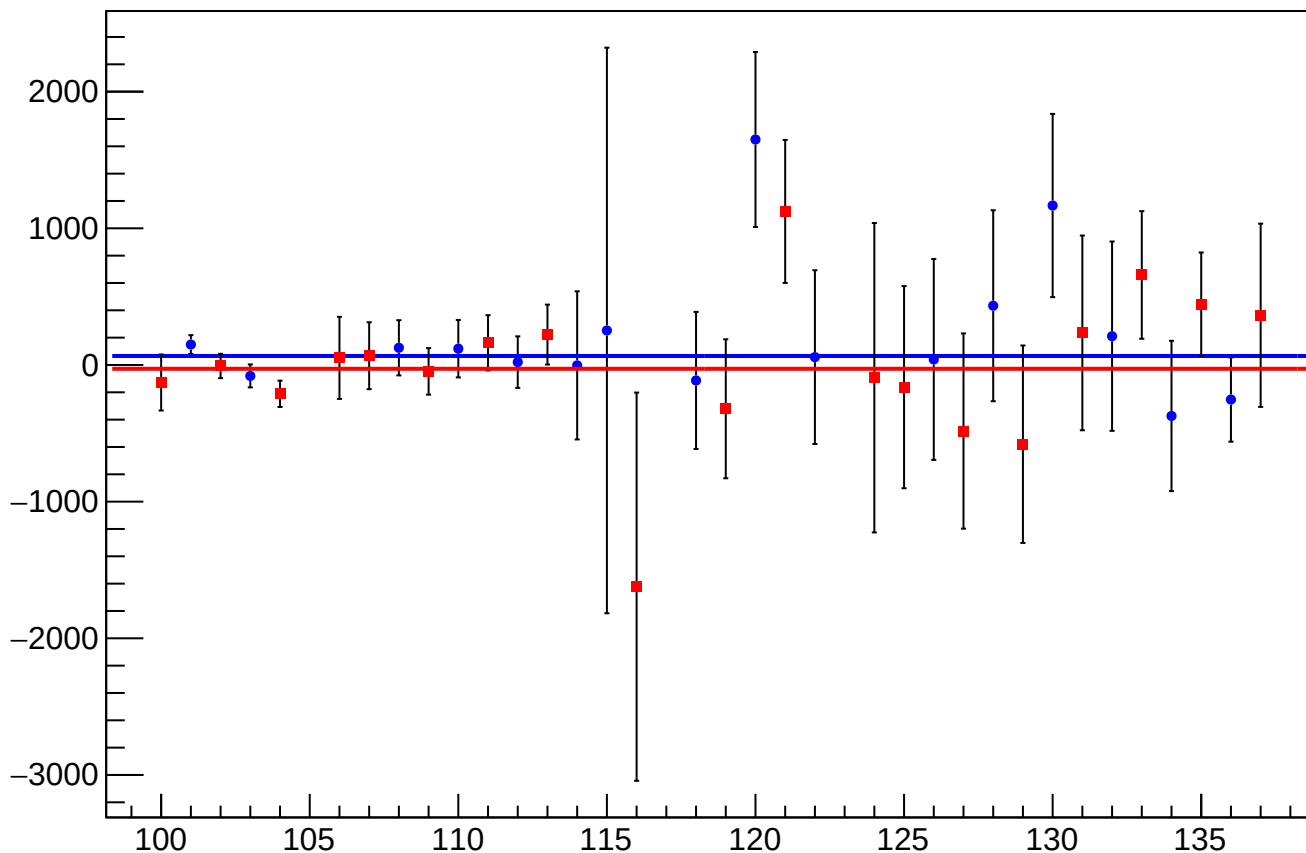
Right: 53.385+/-0.010 χ^2/NDF : 821077.5/34

In: 53.912+/-0.014 χ^2/NDF : 393261.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.385+/-0.010 χ^2/NDF : 821077.5/34

asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 65.853+/-46.478 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.850+/-50.291 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

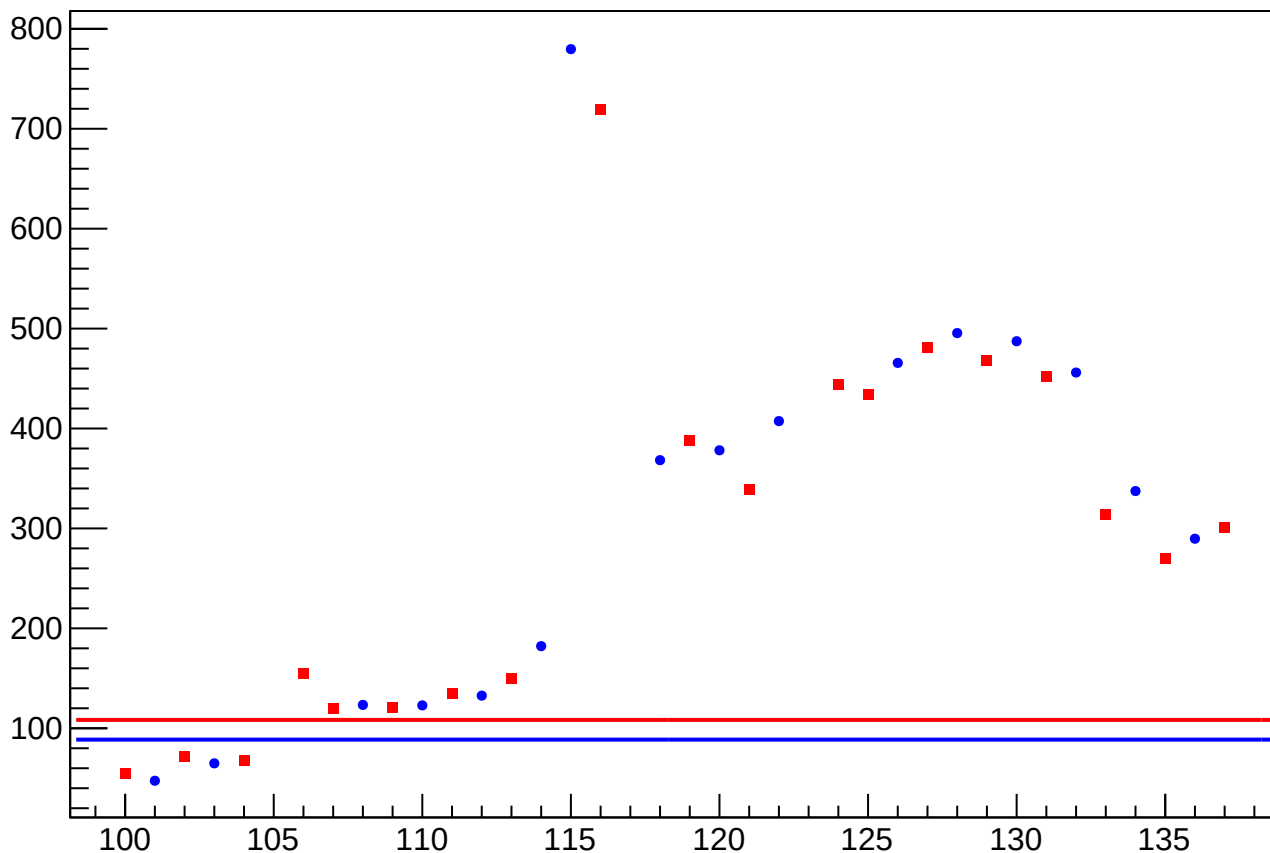
Right: 22.688+/-34.134 χ^2/NDF : 35.6/34

In: 65.853+/-46.478 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.688+/-34.134 χ^2/NDF : 35.6/34

asym_sam_15_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 88.658+/-0.033 χ^2/NDF : 6648055.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.385+/-0.036 χ^2/NDF : 5362841.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

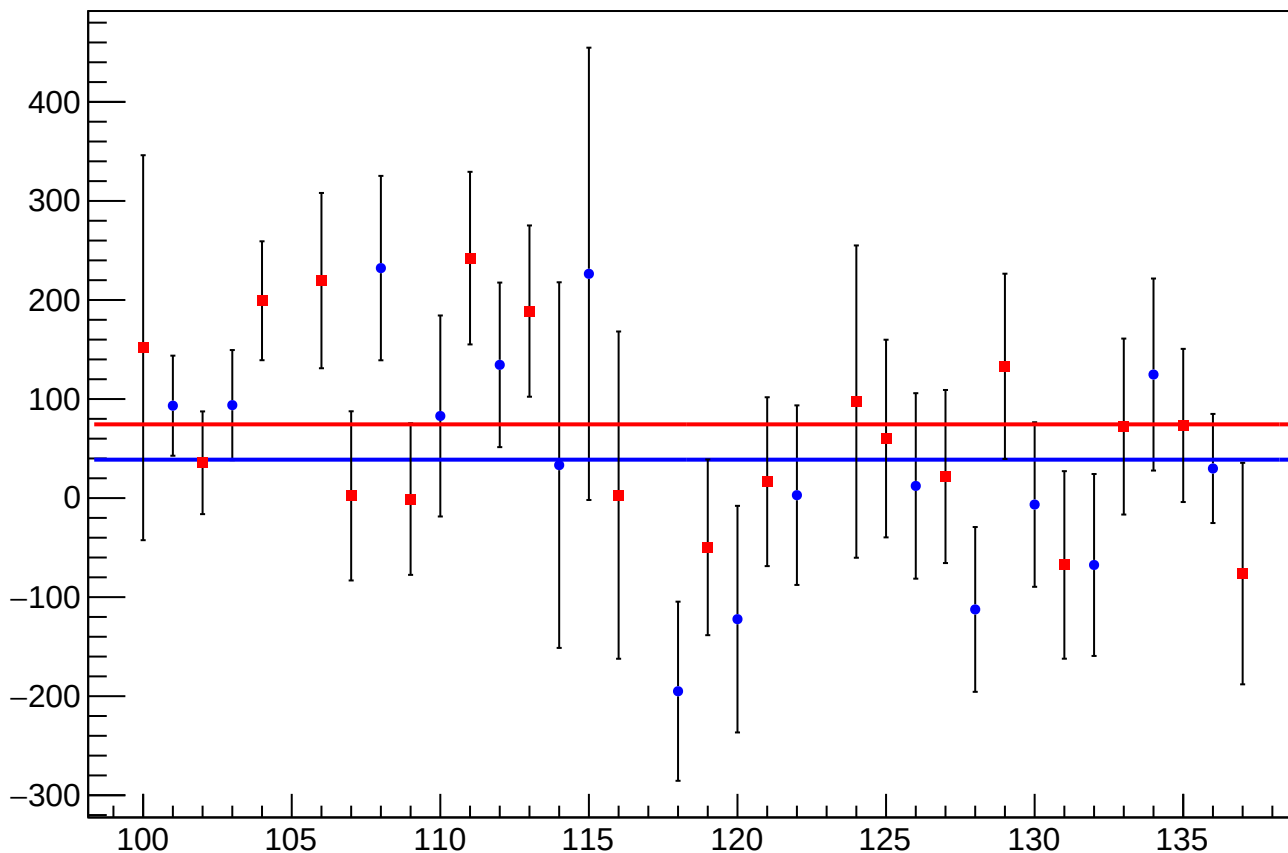
Right: 97.745+/-0.024 χ^2/NDF : 12176874.0/34

In: 88.658+/-0.033 χ^2/NDF : 6648055.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.745+/-0.024 χ^2/NDF : 12176874.0/34

cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.794 $\pm$ 20.413 χ^2 /NDF: 23.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.442 $\pm$ 19.803 χ^2 /NDF: 22.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

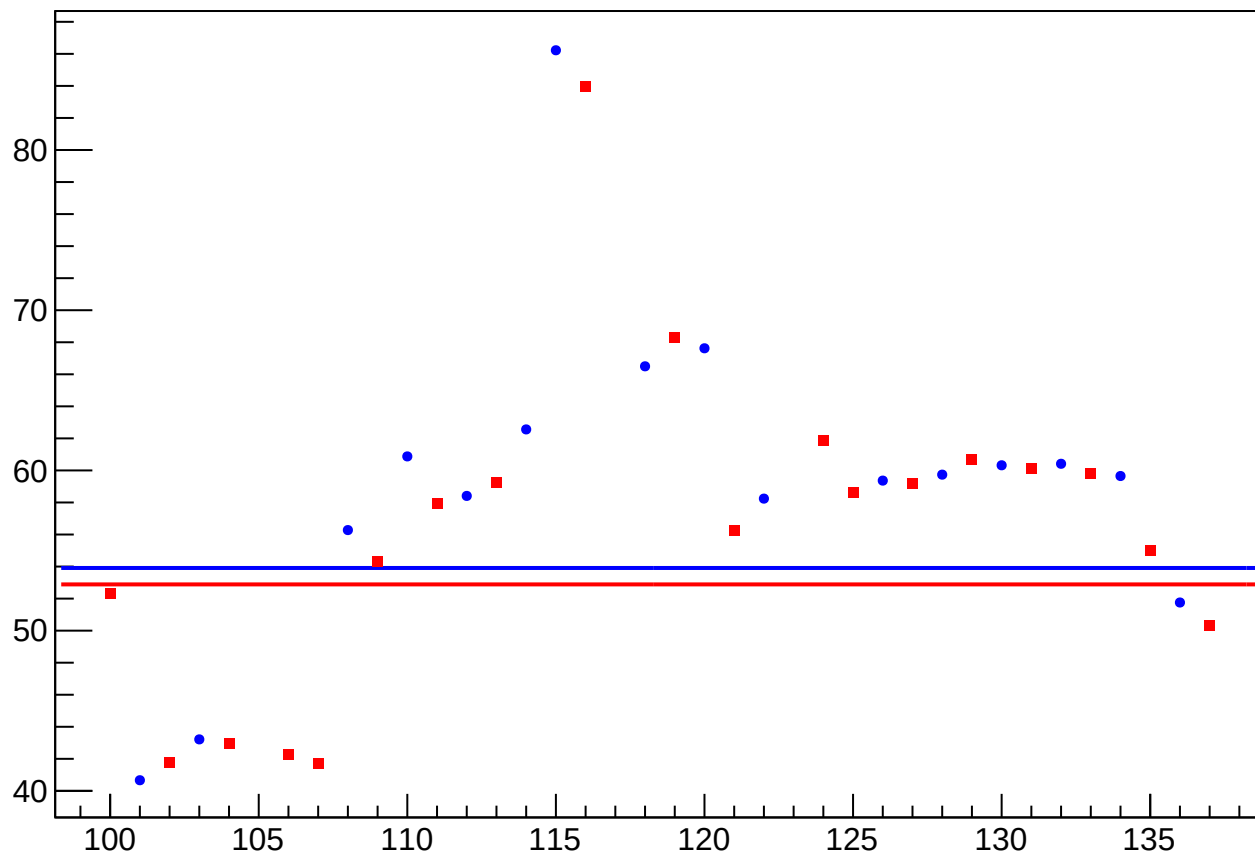
Right: 57.159 $\pm$ 14.214 χ^2 /NDF: 47.2/34

In: 38.794 $\pm$ 20.413 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.159 $\pm$ 14.214 χ^2 /NDF: 47.2/34

cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.912+/-0.014 χ^2/NDF : 393260.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.887+/-0.014 χ^2/NDF : 425534.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

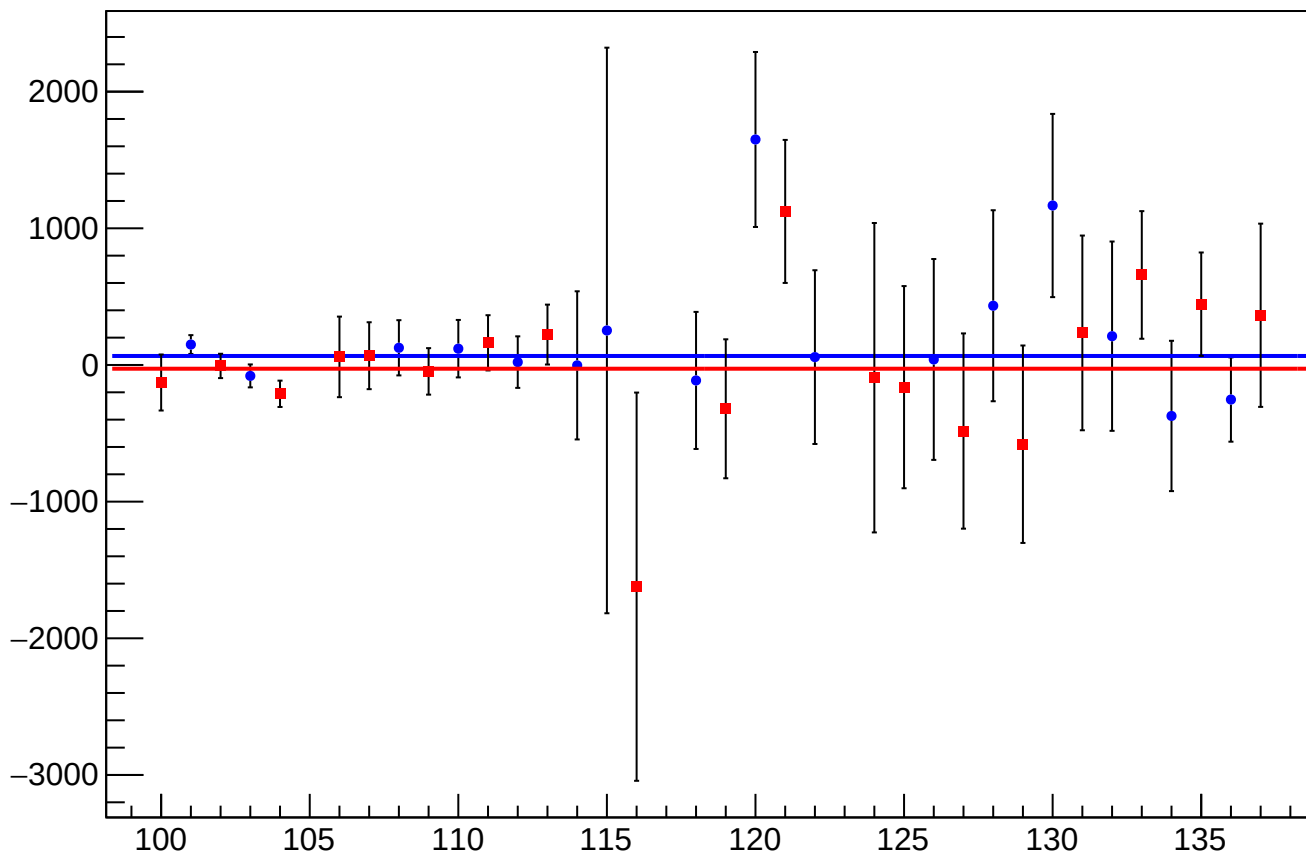
Right: 53.384+/-0.010 χ^2/NDF : 821395.7/34

In: 53.912+/-0.014 χ^2/NDF : 393260.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.384+/-0.010 χ^2/NDF : 821395.7/34

asym_sam_15_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.406+/-50.249 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

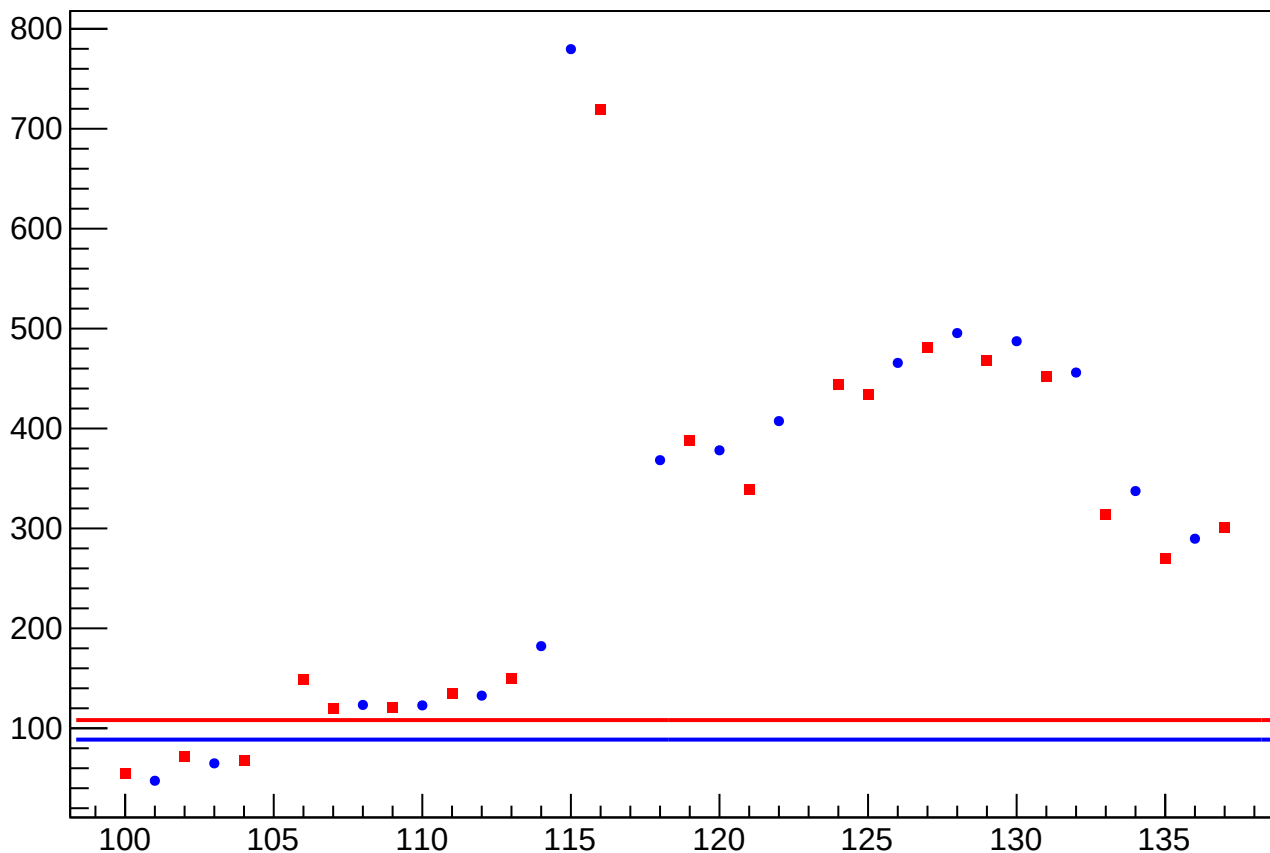
Right: 22.856+/-34.120 χ^2/NDF : 35.6/34

In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.856+/-34.120 χ^2/NDF : 35.6/34

asym_sam_15_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 88.655+/-0.033 χ^2/NDF : 6648135.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.207+/-0.036 χ^2/NDF : 5354864.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

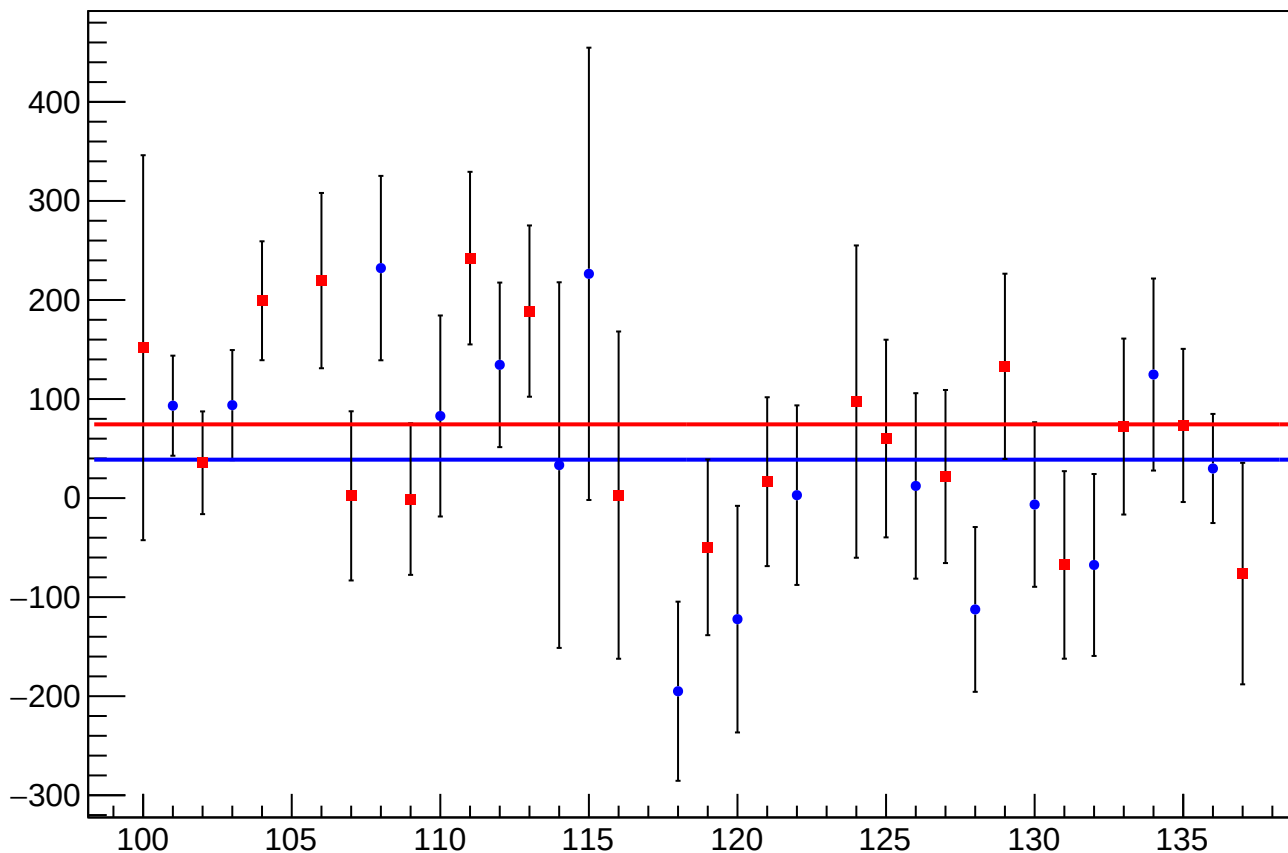
Right: 97.670+/-0.024 χ^2/NDF : 12166180.8/34

In: 88.655+/-0.033 χ^2/NDF : 6648135.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.670+/-0.024 χ^2/NDF : 12166180.8/34

eigen_cor_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.794 $\pm$ 20.413 χ^2 /NDF: 23.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 74.442 $\pm$ 19.803 χ^2 /NDF: 22.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

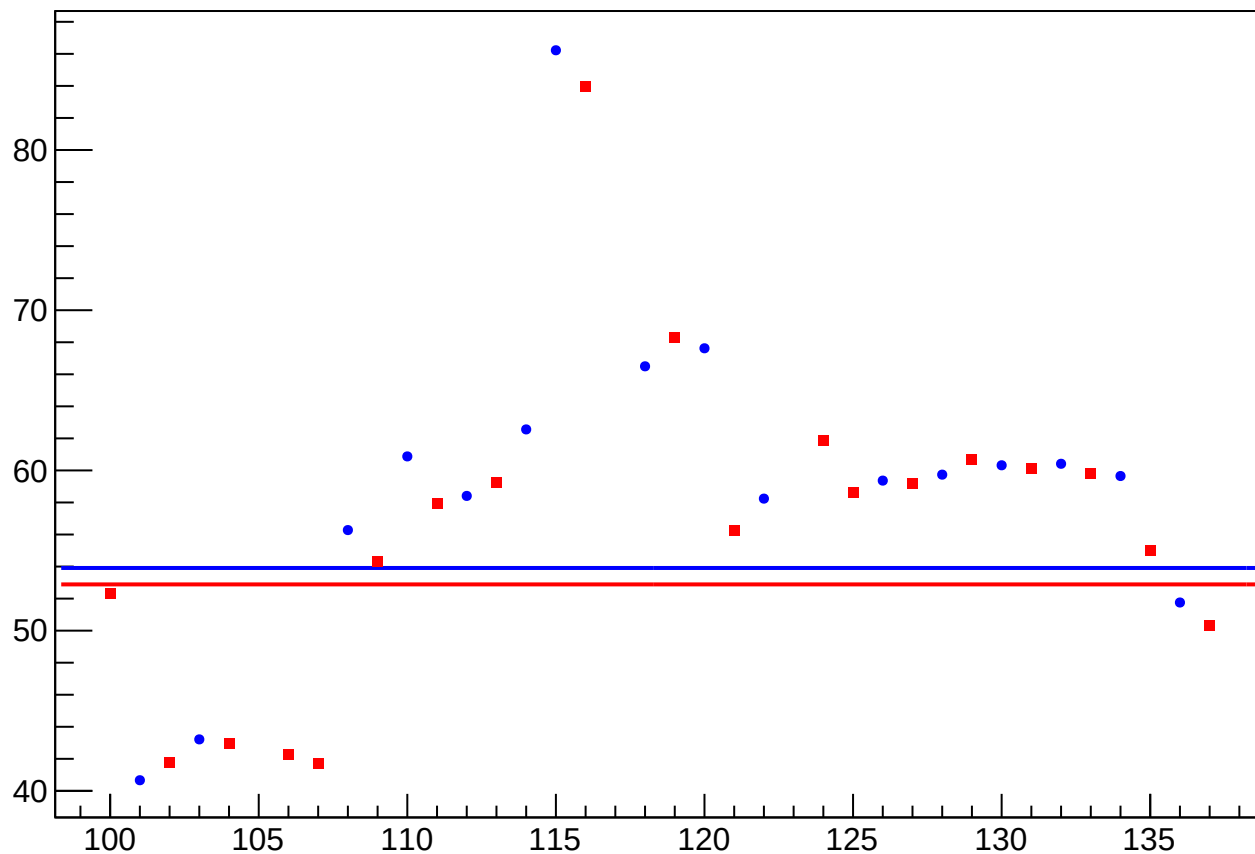
Right: 57.159 $\pm$ 14.214 χ^2 /NDF: 47.2/34

In: 38.794 $\pm$ 20.413 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.159 $\pm$ 14.214 χ^2 /NDF: 47.2/34

eigen_cor_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 53.912 $\pm$ 0.014 χ^2 /NDF: 393260.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 52.887 $\pm$ 0.014 χ^2 /NDF: 425534.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

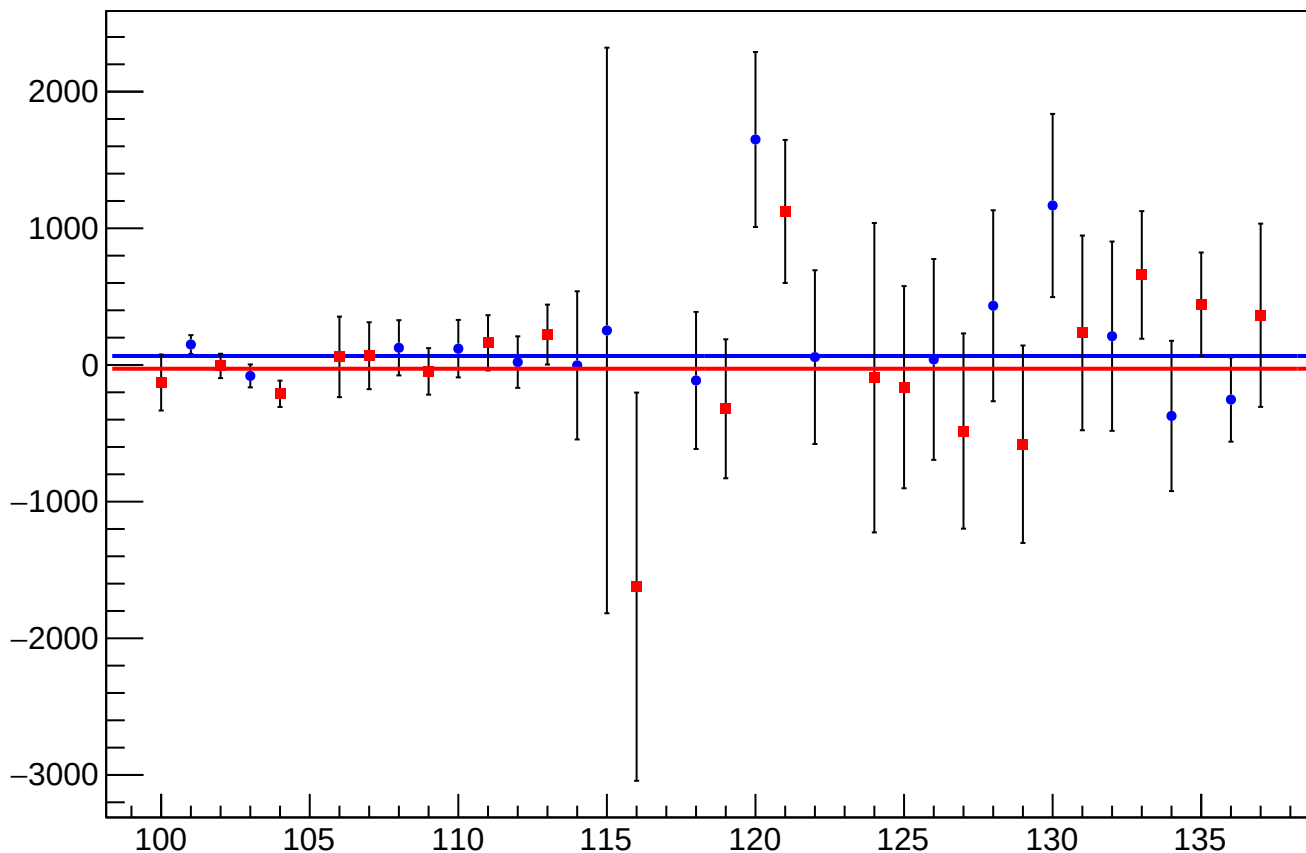
Right: 53.384 $\pm$ 0.010 χ^2 /NDF: 821395.7/34

In: 53.912 $\pm$ 0.014 χ^2 /NDF:393260.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 53.384 $\pm$ 0.010 χ^2 /NDF: 821395.7/34

asym_sam_15_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.406+/-50.249 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

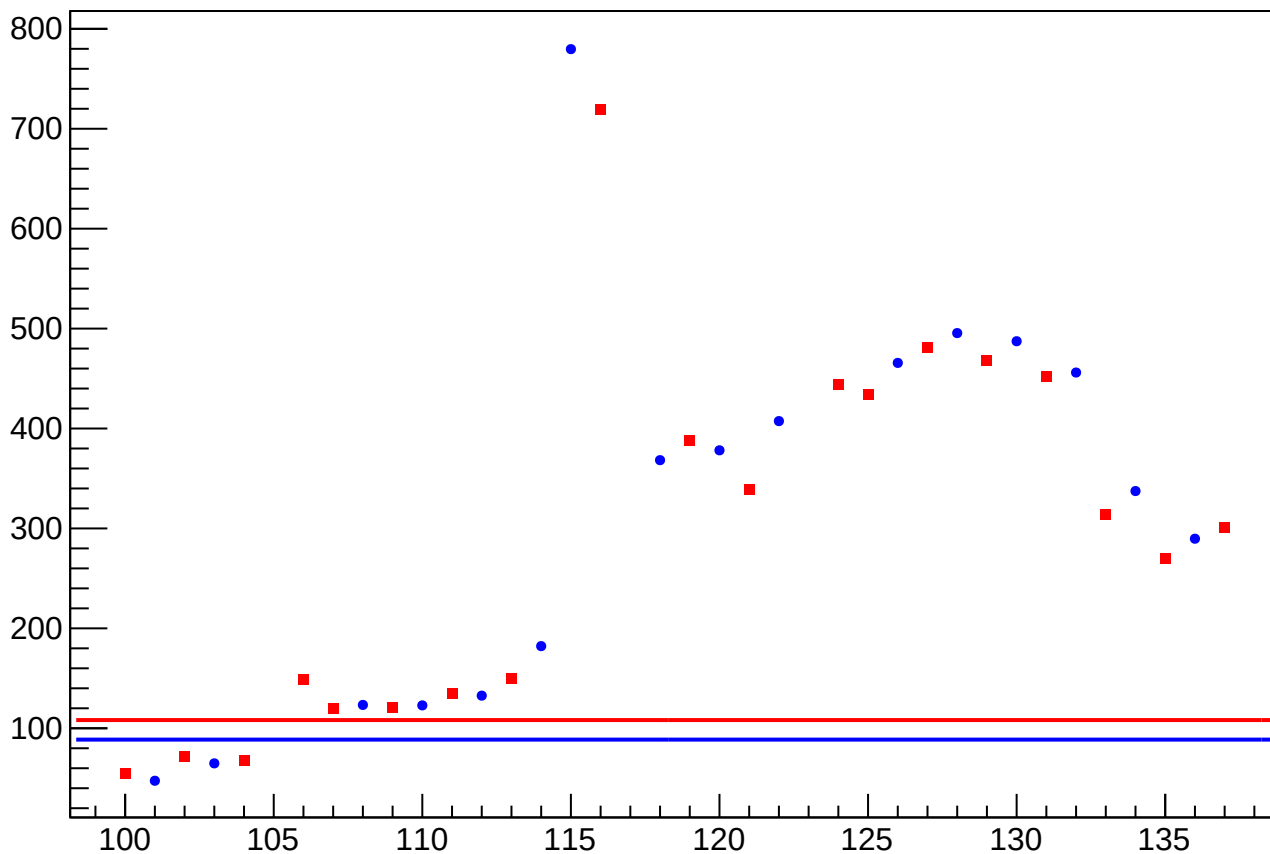
Right: 22.856+/-34.120 χ^2/NDF : 35.6/34

In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.856+/-34.120 χ^2/NDF : 35.6/34

asym_sam_15_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 88.655+/-0.033 χ^2/NDF : 6648135.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 108.207+/-0.036 χ^2/NDF : 5354864.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

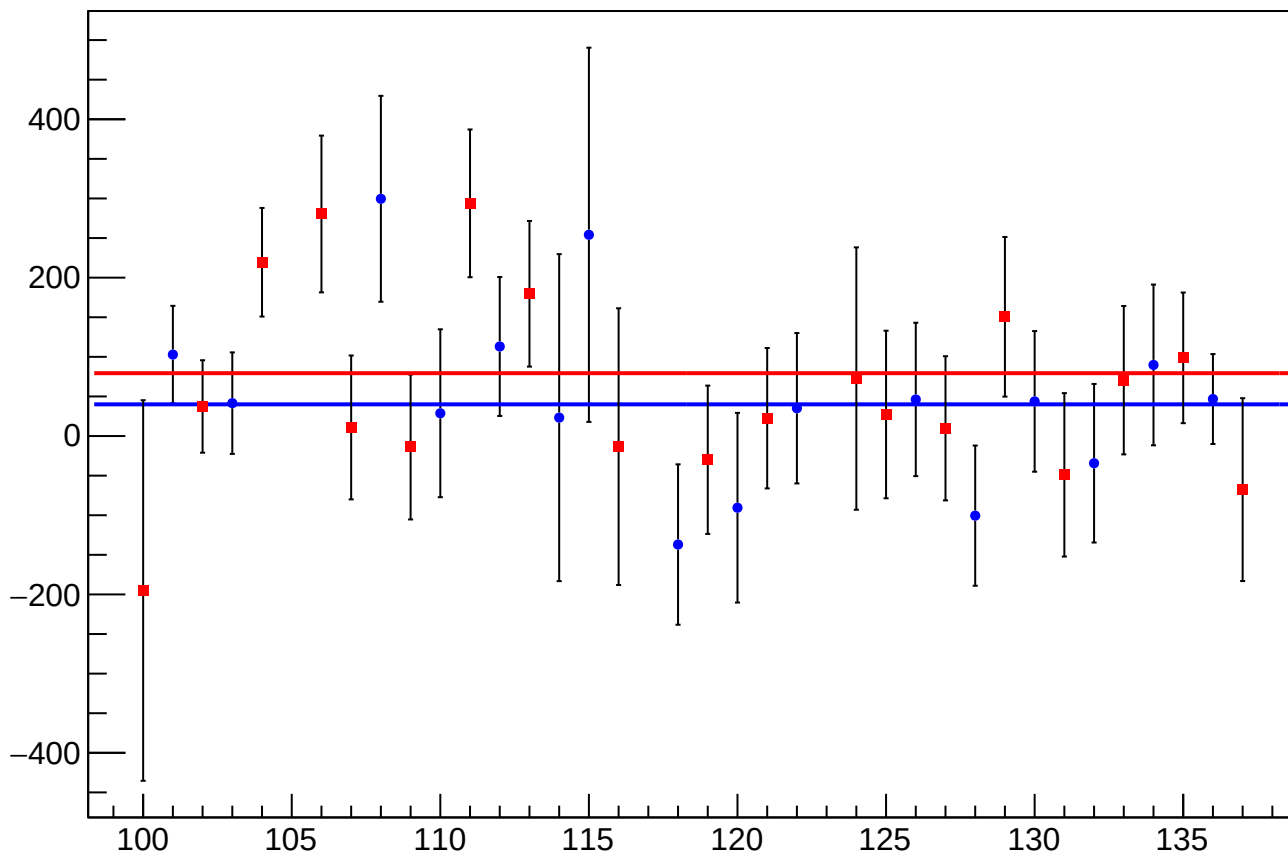
Right: 97.670+/-0.024 χ^2/NDF : 12166180.8/34

In: 88.655+/-0.033 χ^2/NDF : 6648135.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.670+/-0.024 χ^2/NDF : 12166180.8/34

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.030+/-22.515 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.378+/-21.577 χ^2/NDF : 24.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

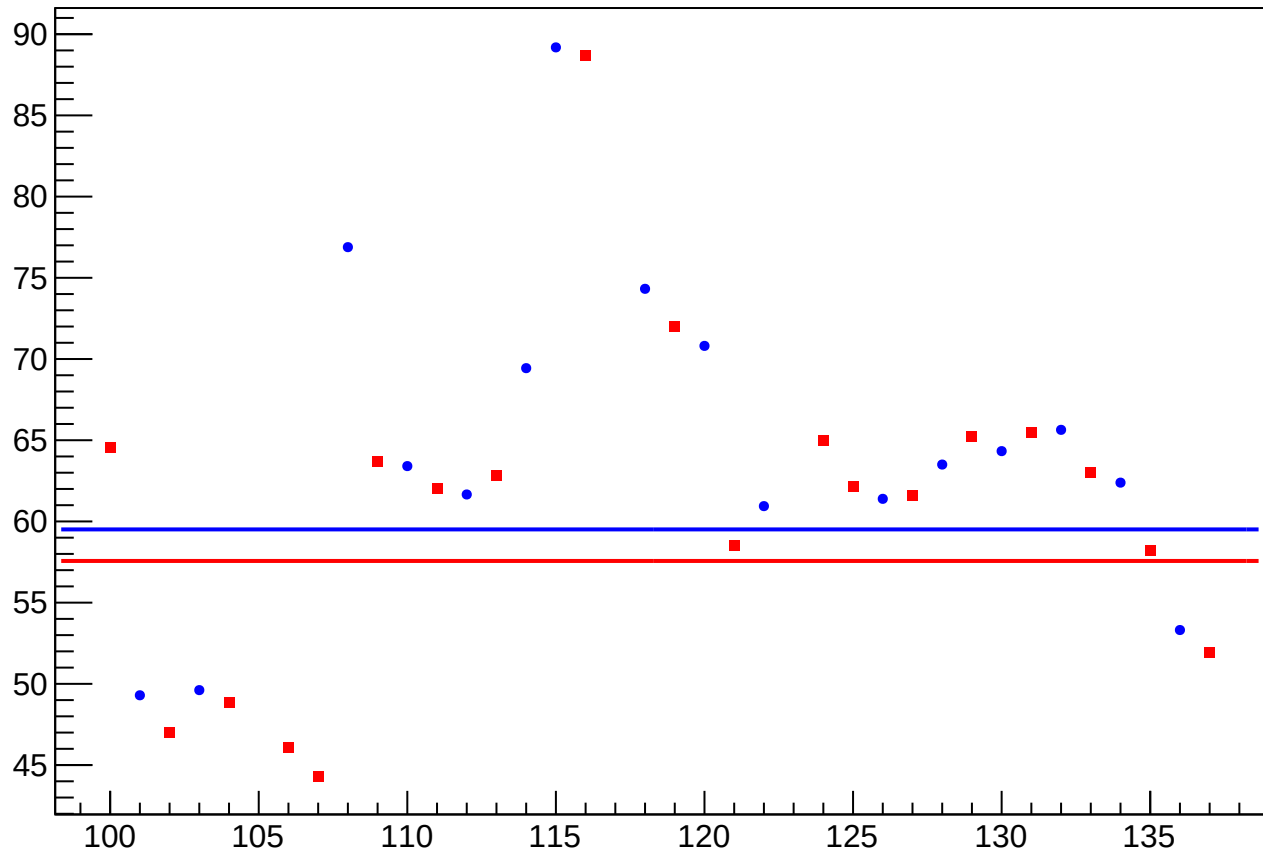
Right: 60.541+/-15.578 χ^2/NDF : 40.5/34

In: 40.030+/-22.515 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.541+/-15.578 χ^2/NDF : 40.5/34

dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.509+/-0.016 χ^2/NDF : 283192.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.567+/-0.015 χ^2/NDF : 347377.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

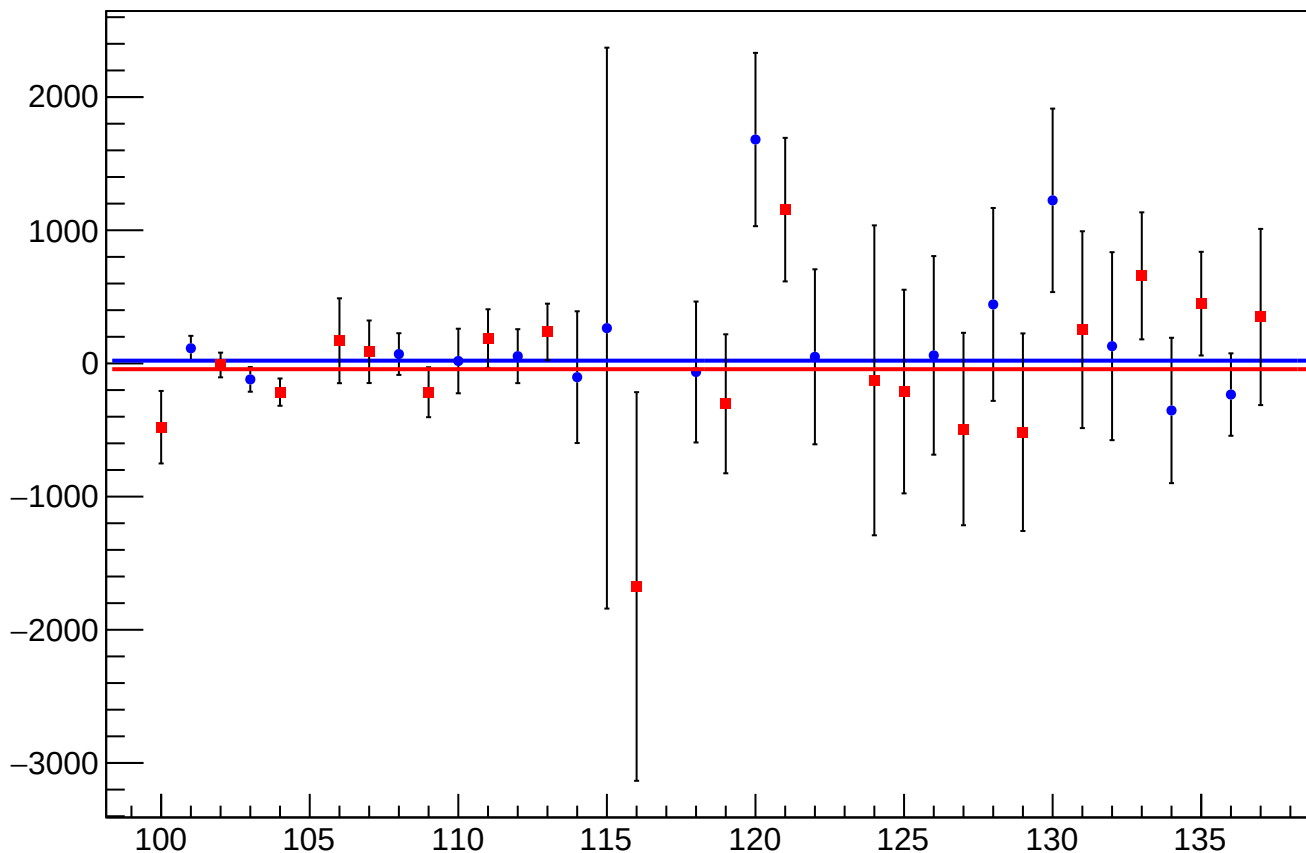
Right: 58.497+/-0.011 χ^2/NDF : 638326.1/34

In: 59.509+/-0.016 χ^2/NDF : 283192.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.497+/-0.011 χ^2/NDF : 638326.1/34

asym_sam_15_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.262+/-53.210 χ^2/NDF : 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

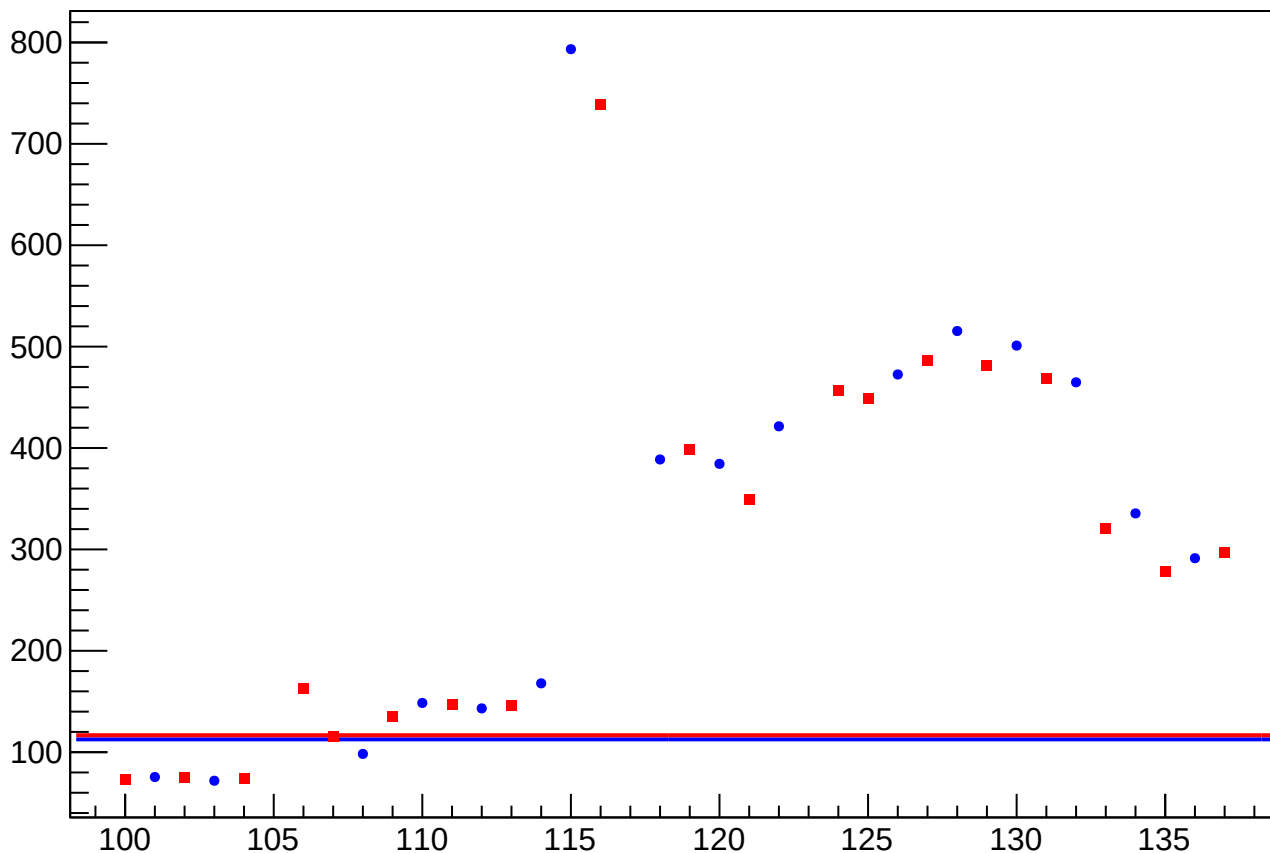
Right: -11.436+/-37.757 χ^2/NDF : 36.9/34

In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.436+/-37.757 χ^2/NDF : 36.9/34

asym_sam_15_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 112.668+/-0.038 χ^2/NDF : 5599655.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.733+/-0.038 χ^2/NDF : 5141387.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

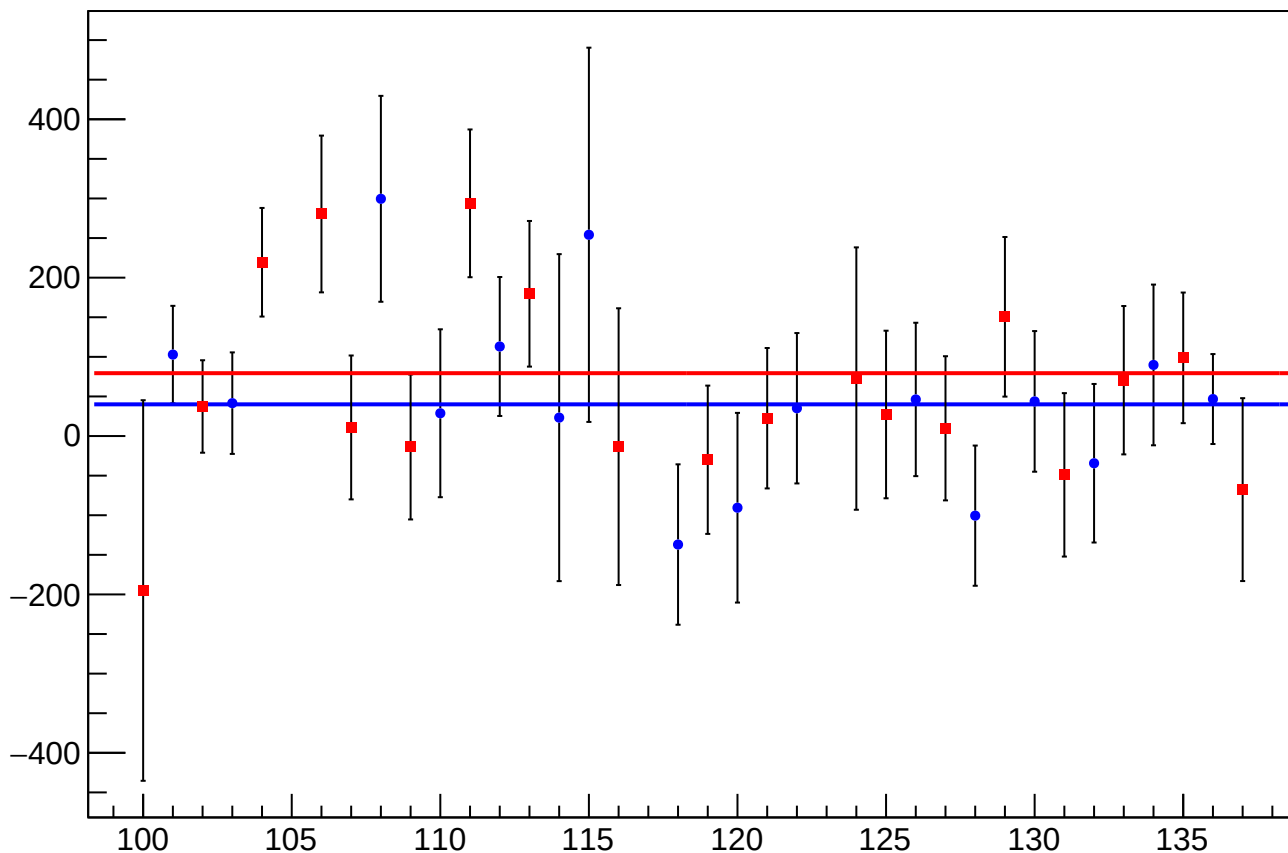
Right: 114.715+/-0.027 χ^2/NDF : 10746836.7/34

In: 112.668+/-0.038 χ^2/NDF : 5599655.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.715+/-0.027 χ^2/NDF : 10746836.7/34

eigen_dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.030+/-22.515 χ^2/NDF : 14.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.378+/-21.577 χ^2/NDF : 24.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

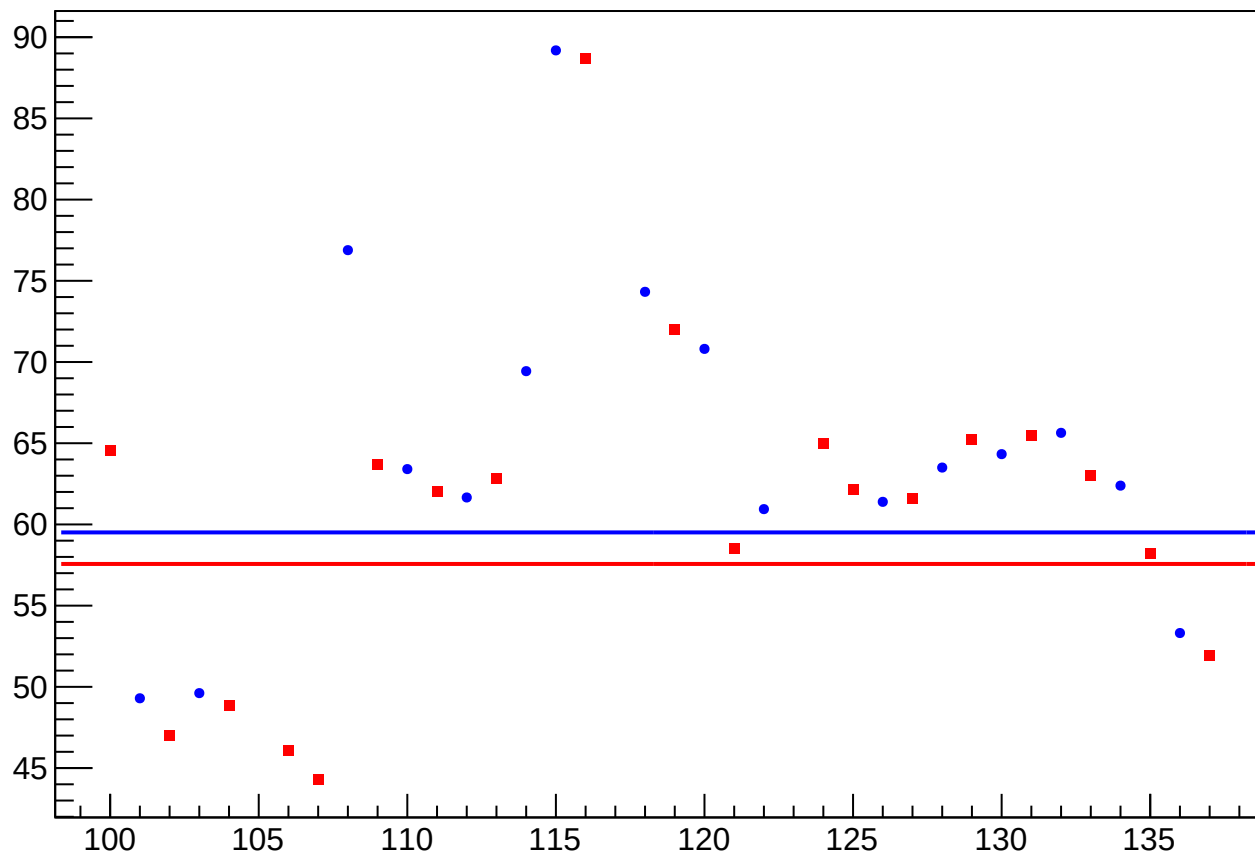
Right: 60.540+/-15.578 χ^2/NDF : 40.5/34

In: 40.030+/-22.515 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.540+/-15.578 χ^2/NDF : 40.5/34

eigen_dit_asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 59.509+/-0.016 χ^2/NDF : 283190.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.567+/-0.015 χ^2/NDF : 347374.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

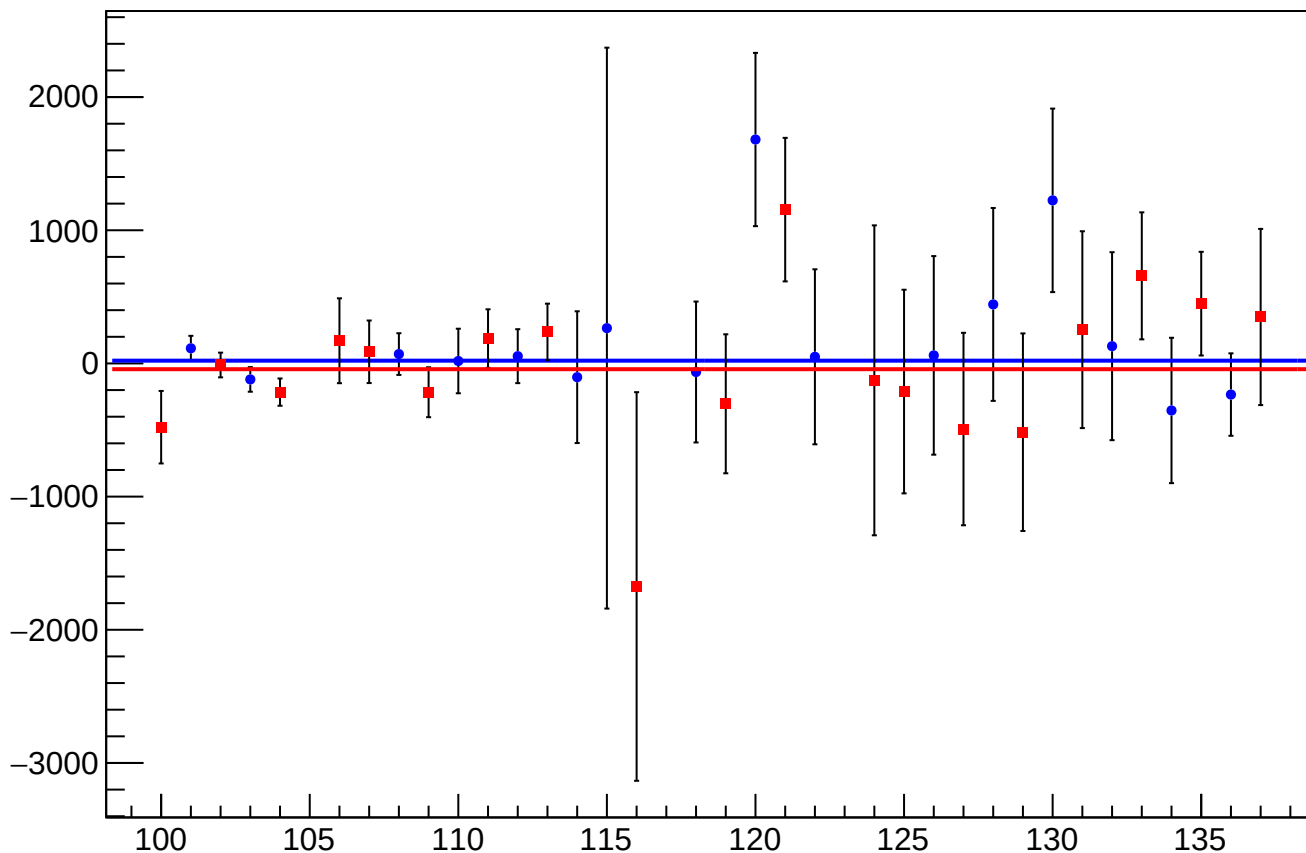
Right: 58.496+/-0.011 χ^2/NDF : 638320.1/34

In: 59.509+/-0.016 χ^2/NDF : 283190.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.496+/-0.011 χ^2/NDF : 638320.1/34

asym_sam_15_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -43.262+/-53.210 χ^2/NDF : 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

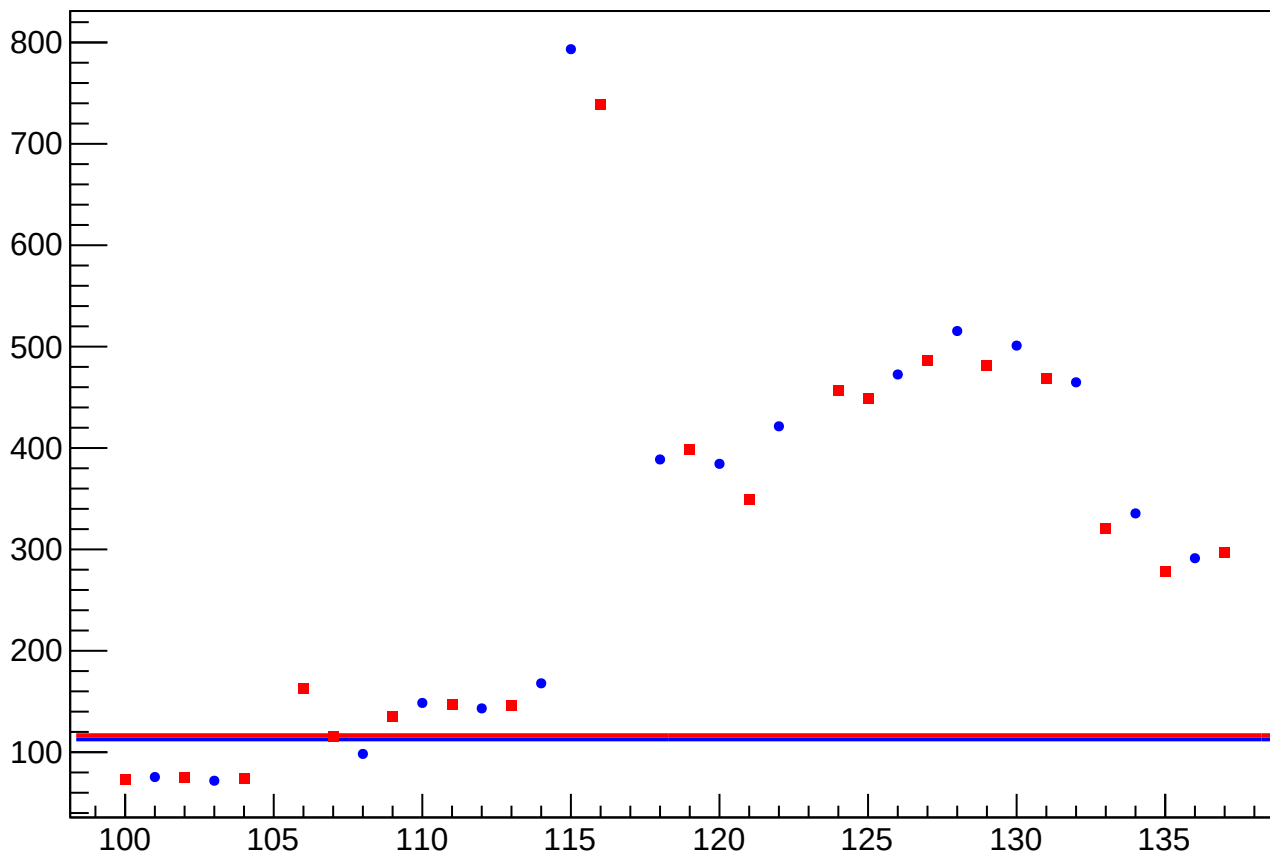
Right: -11.436+/-37.757 χ^2/NDF : 36.9/34

In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.436+/-37.757 χ^2/NDF : 36.9/34

asym_sam_15_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 112.668+/-0.038 χ^2/NDF : 5599653.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 116.732+/-0.038 χ^2/NDF : 5141390.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

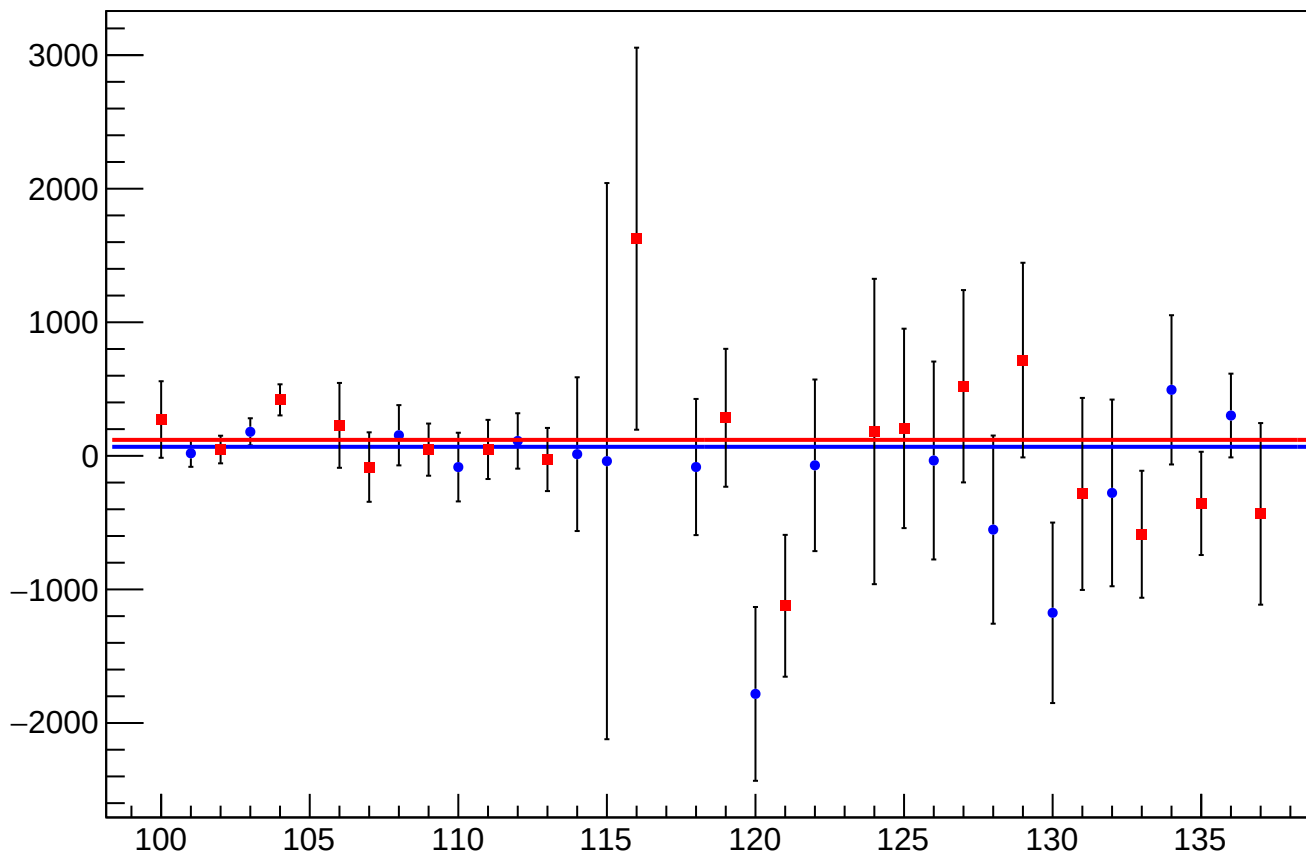
Right: 114.714+/-0.027 χ^2/NDF : 10746837.6/34

In: 112.668+/-0.038 χ^2/NDF : 5599653.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.714+/-0.027 χ^2/NDF : 10746837.6/34

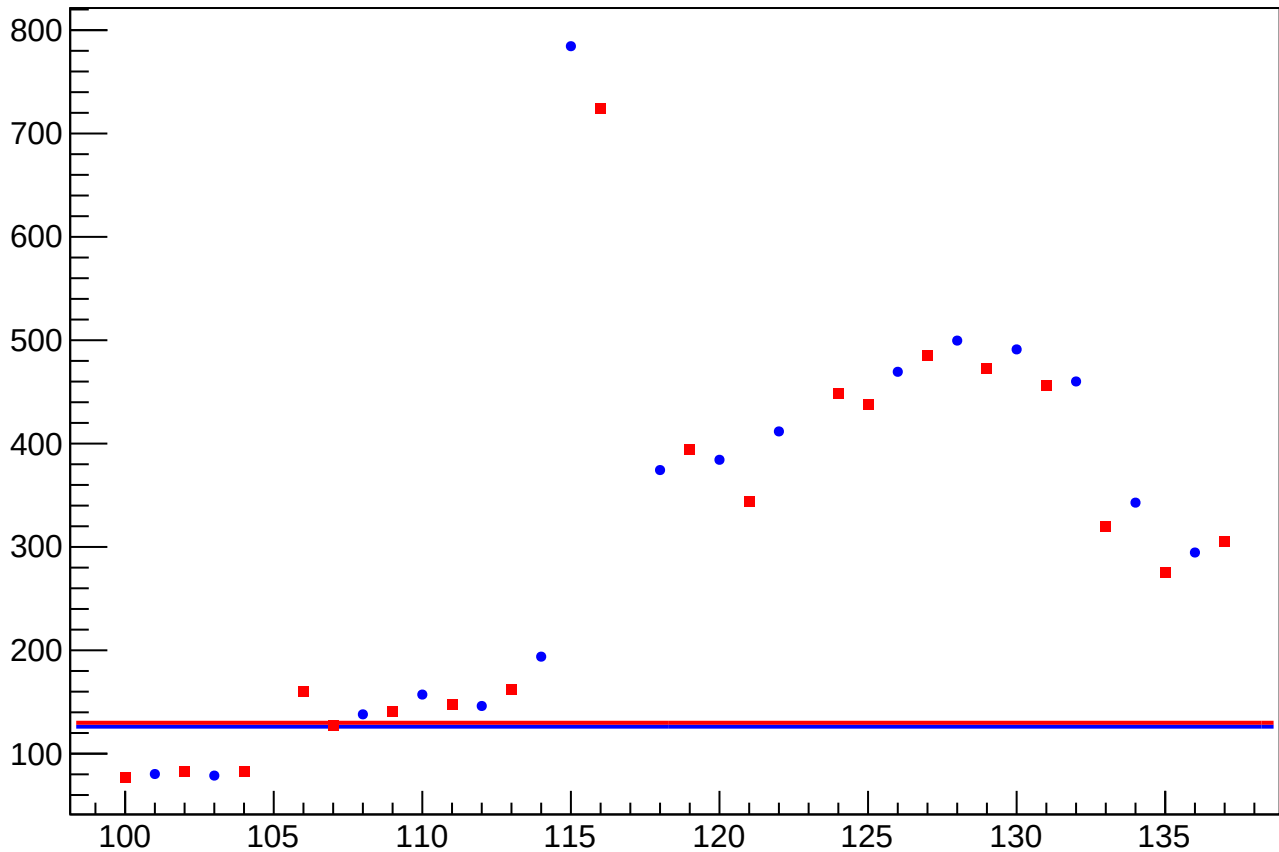
asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 67.621+/-59.169 χ^2/NDF : 15.8/15
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: 119.635+/-57.941 χ^2/NDF : 21.1/18
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right: 94.173+/-41.398 χ^2/NDF : 37.3/34
In: 67.621+/-59.169 χ^2/NDF : 15.8/15
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: 94.173+/-41.398 χ^2/NDF : 37.3/34

asym_sam_15_avg_rms vs Slug, Sign Corrected



Right In: 126.154+/-0.042 χ^2/NDF : 5220128.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.914+/-0.041 χ^2/NDF : 4647677.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

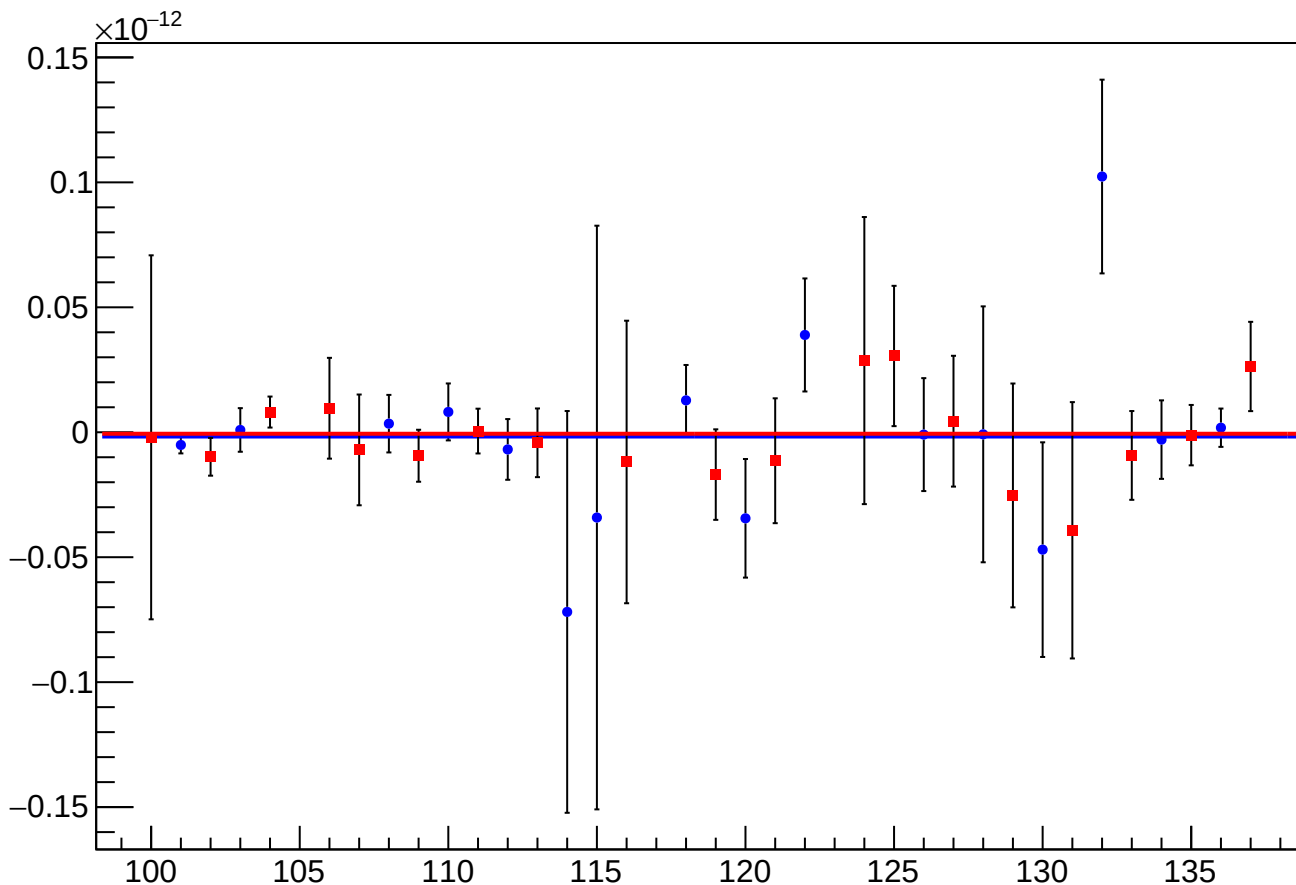
Right: 128.074+/-0.029 χ^2/NDF : 9871930.1/34

In: 126.154+/-0.042 χ^2/NDF : 5220128.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.074+/-0.029 χ^2/NDF : 9871930.1/34

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

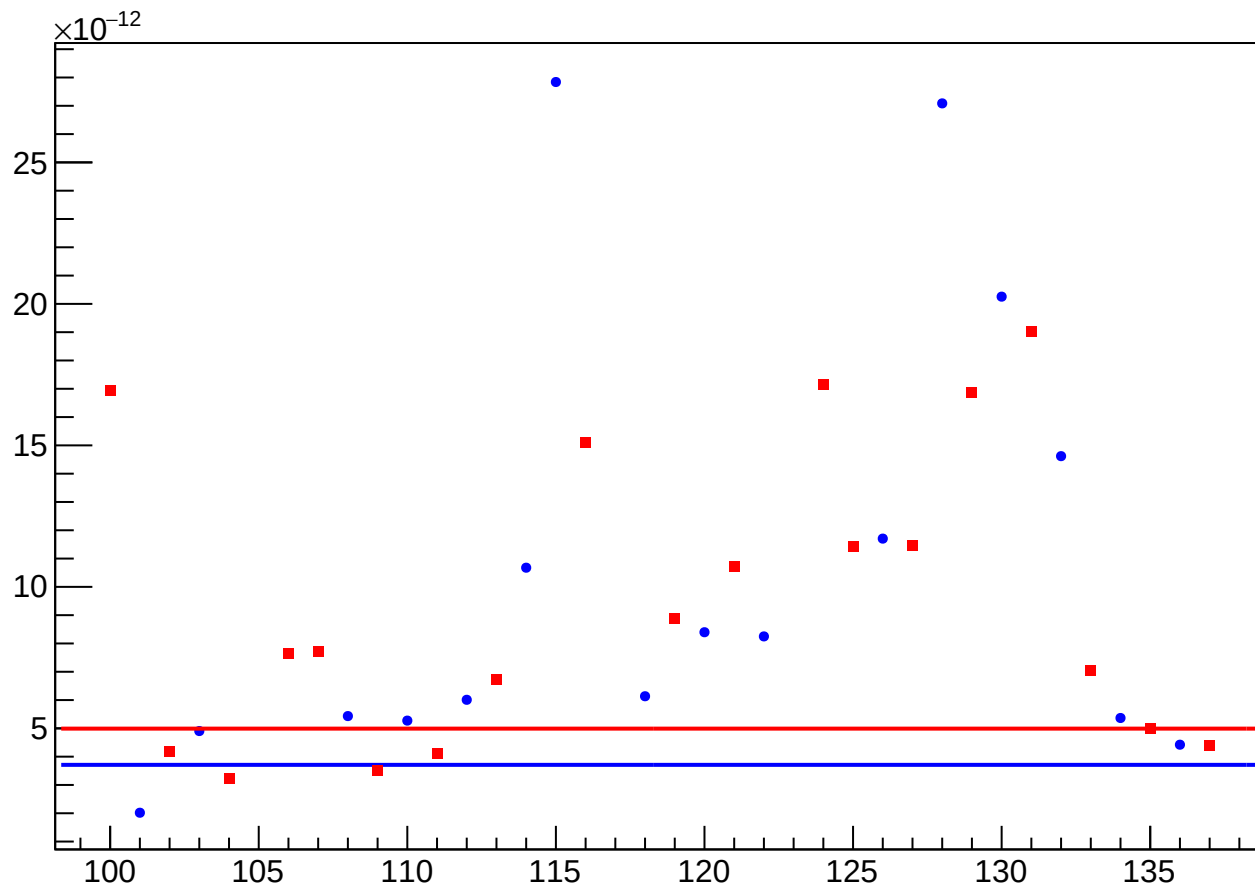
Right: -0.000+/-0.000 χ^2/NDF : 28.4/34

In: -0.000+/-0.000 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/34

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2172466.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1295374.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

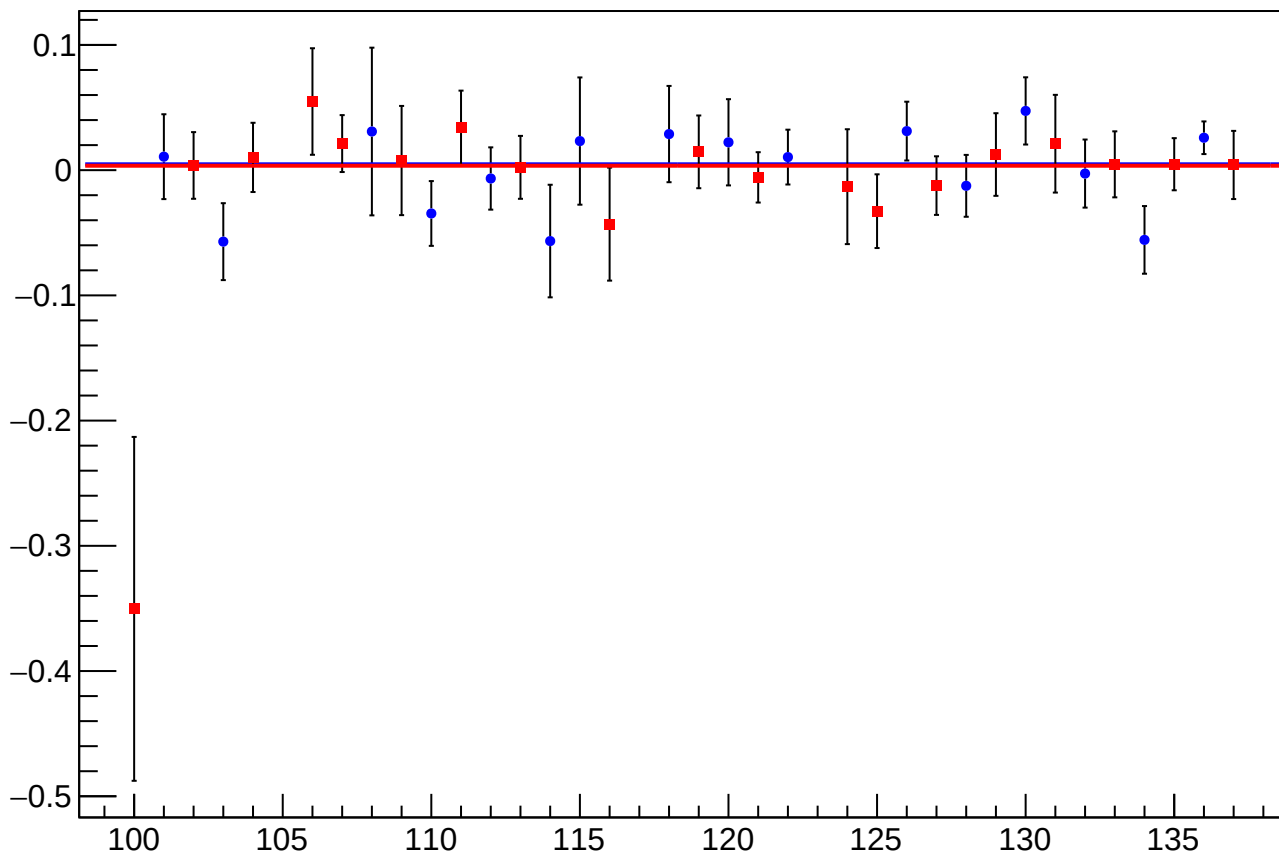
Right: 0.000+/-0.000 χ^2/NDF : 3664320.8/34

In: 0.000+/-0.000 χ^2/NDF : 2172466.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3664320.8/34

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.007 χ^2 /NDF: 21.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.007 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

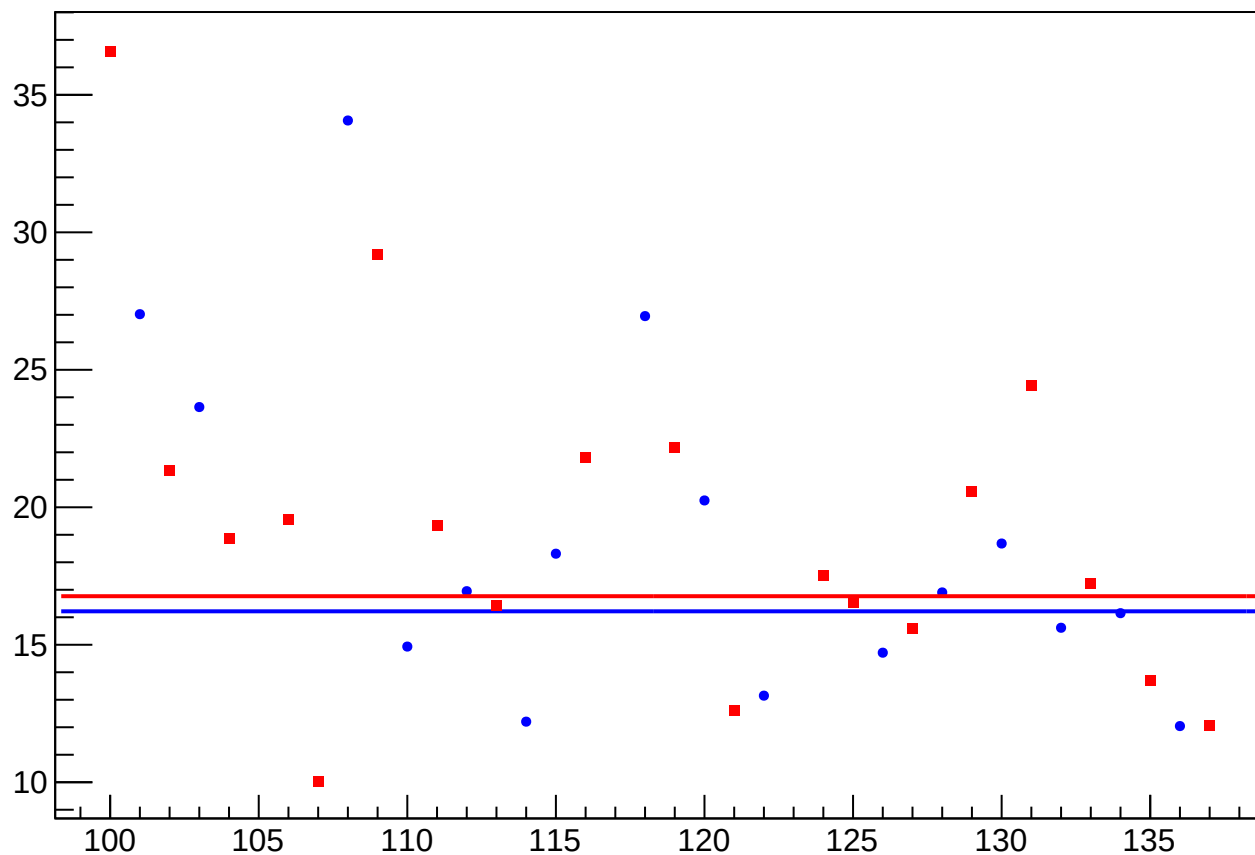
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

In: 0.005 $\pm$ 0.007 χ^2 /NDF:21.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.217+/-0.005 χ^2/NDF : 943864.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.766+/-0.005 χ^2/NDF : 866715.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

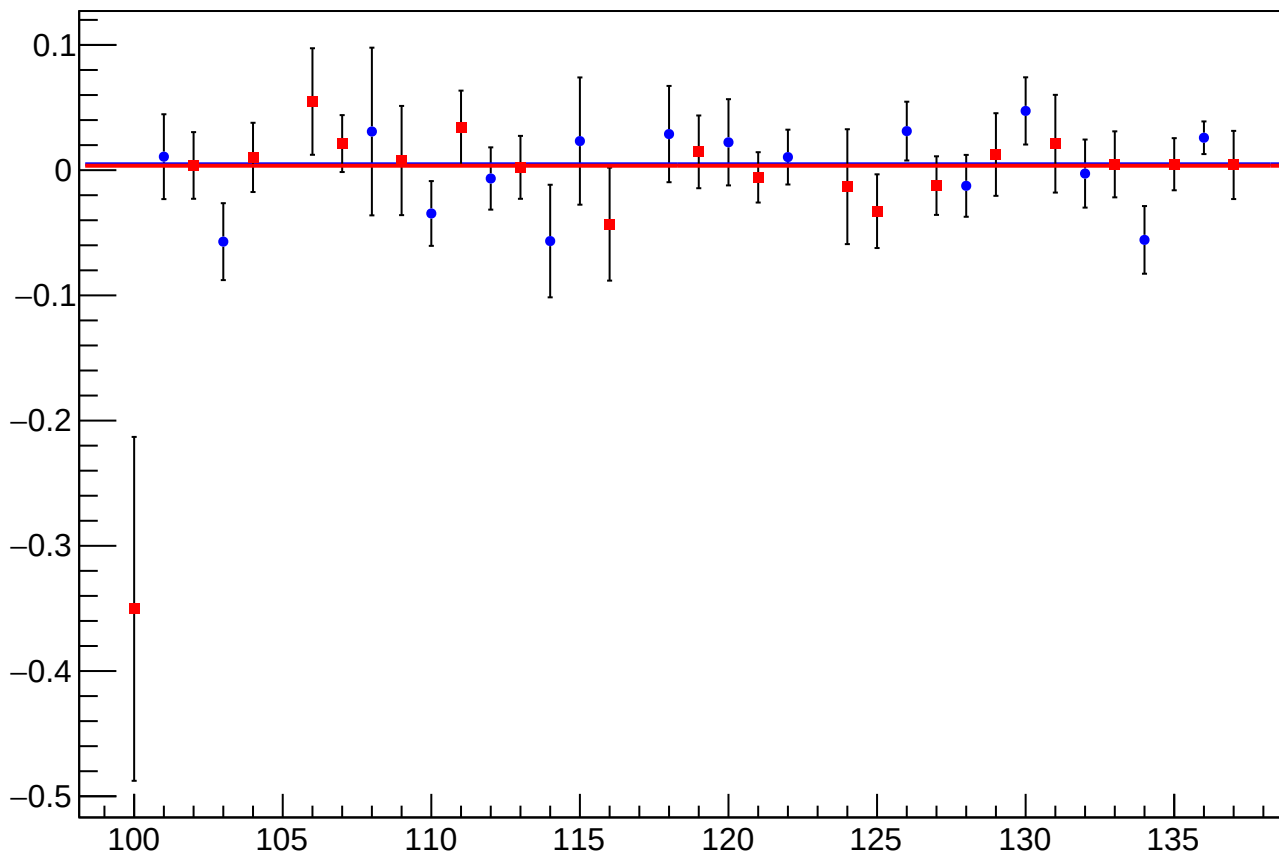
Right: 16.489+/-0.003 χ^2/NDF : 1817524.0/34

In: 16.217+/-0.005 χ^2/NDF : 943864.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.489+/-0.003 χ^2/NDF : 1817524.0/34

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.007 χ^2 /NDF: 21.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.007 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

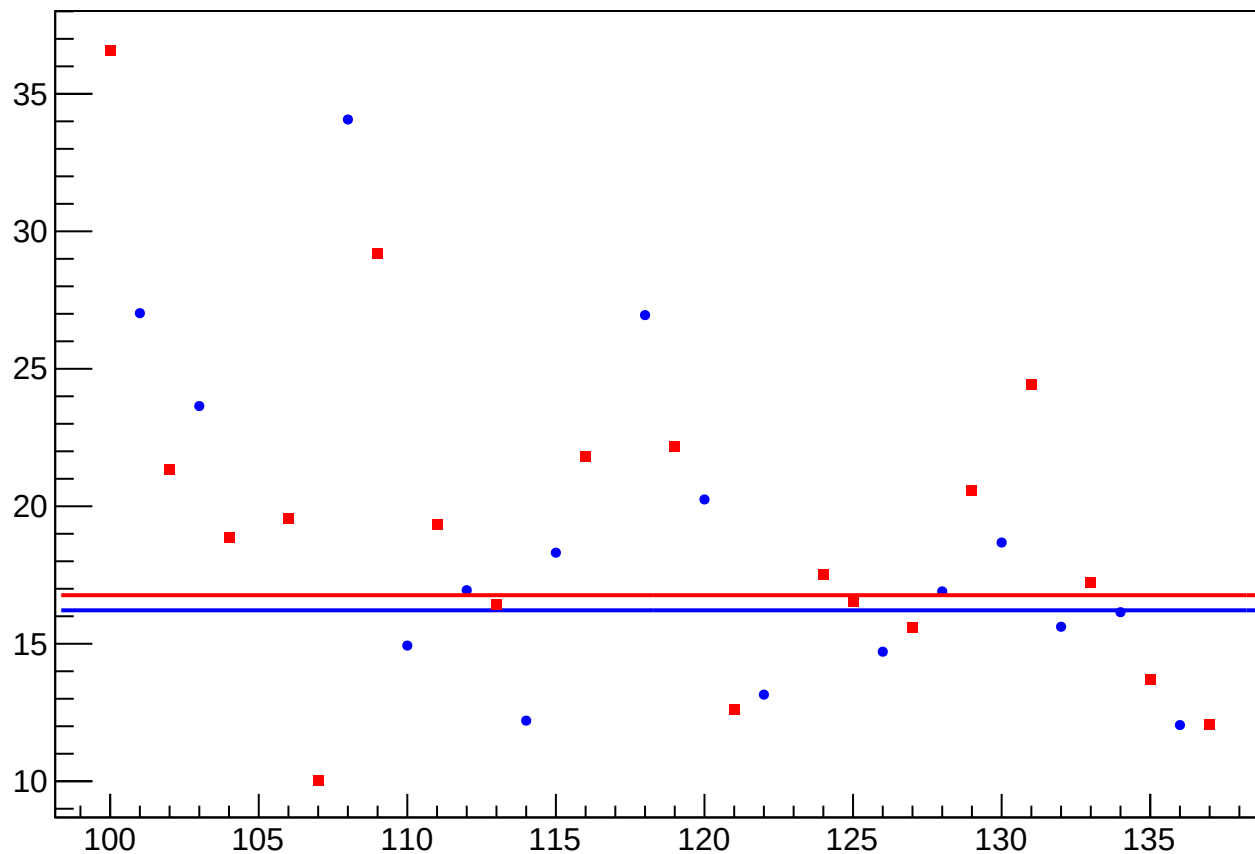
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

In: 0.005 $\pm$ 0.007 χ^2 /NDF:21.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.217 $\pm$ 0.005 χ^2/NDF : 943864.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 16.766 $\pm$ 0.005 χ^2/NDF : 866715.7/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

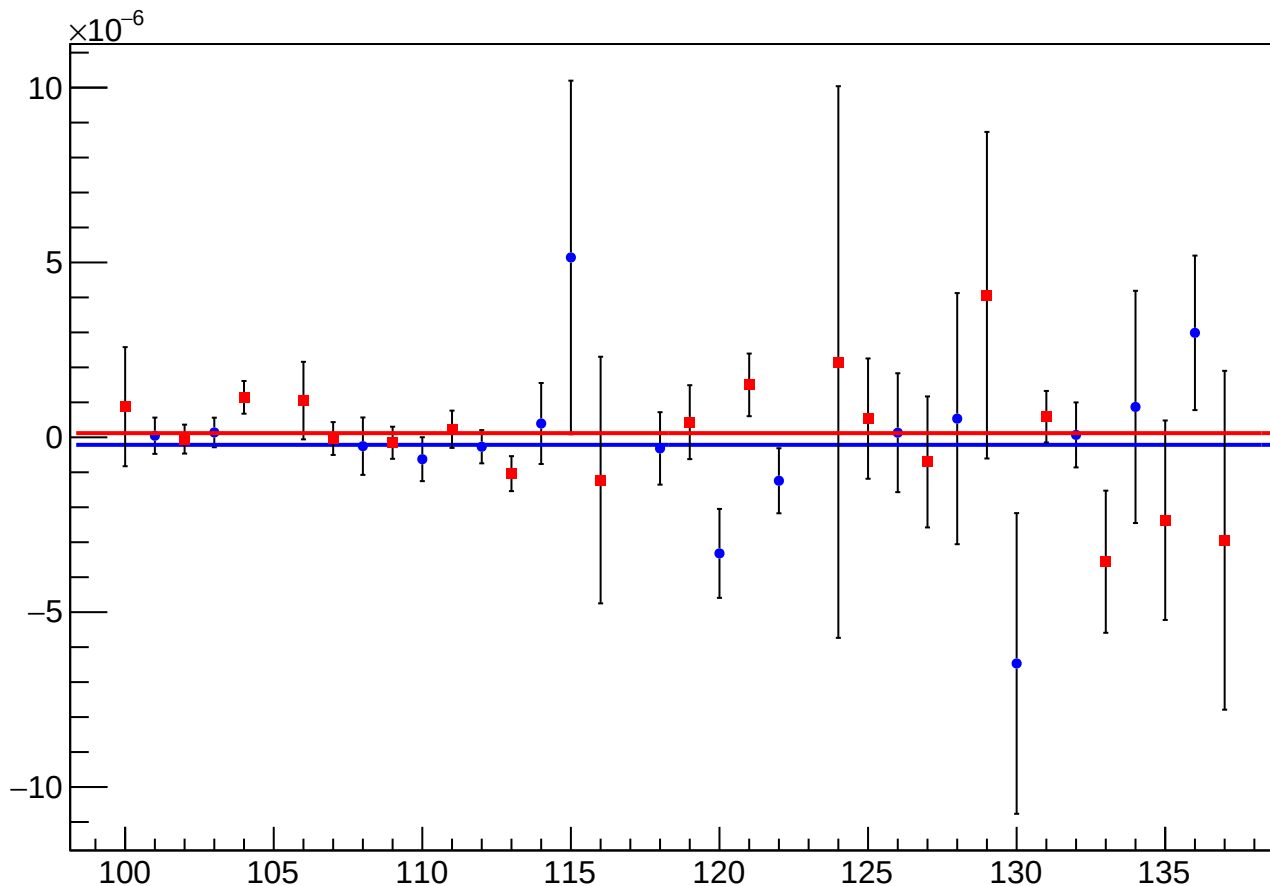
Right: 16.489 $\pm$ 0.003 χ^2/NDF : 1817524.0/34

In: 16.217 $\pm$ 0.005 χ^2/NDF : 943864.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 16.489 $\pm$ 0.003 χ^2/NDF : 1817524.0/34

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

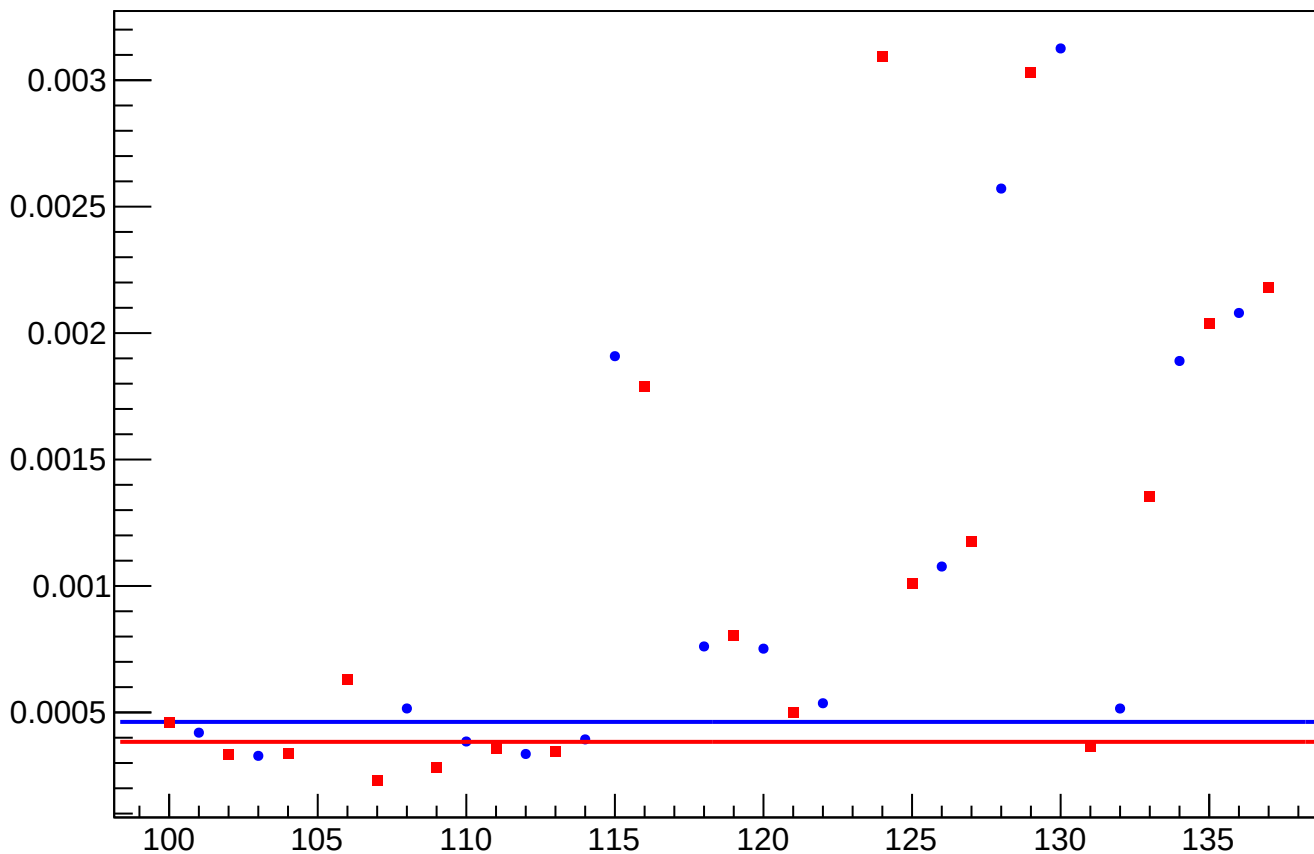
Right: -0.000+/-0.000 χ^2/NDF : 36.2/34

In: -0.000+/-0.000 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/34

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 4015939.2/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 4058129.5/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 8244700.4/34

In: 0.000+/-0.000

χ^2/NDF :4015939.2/15

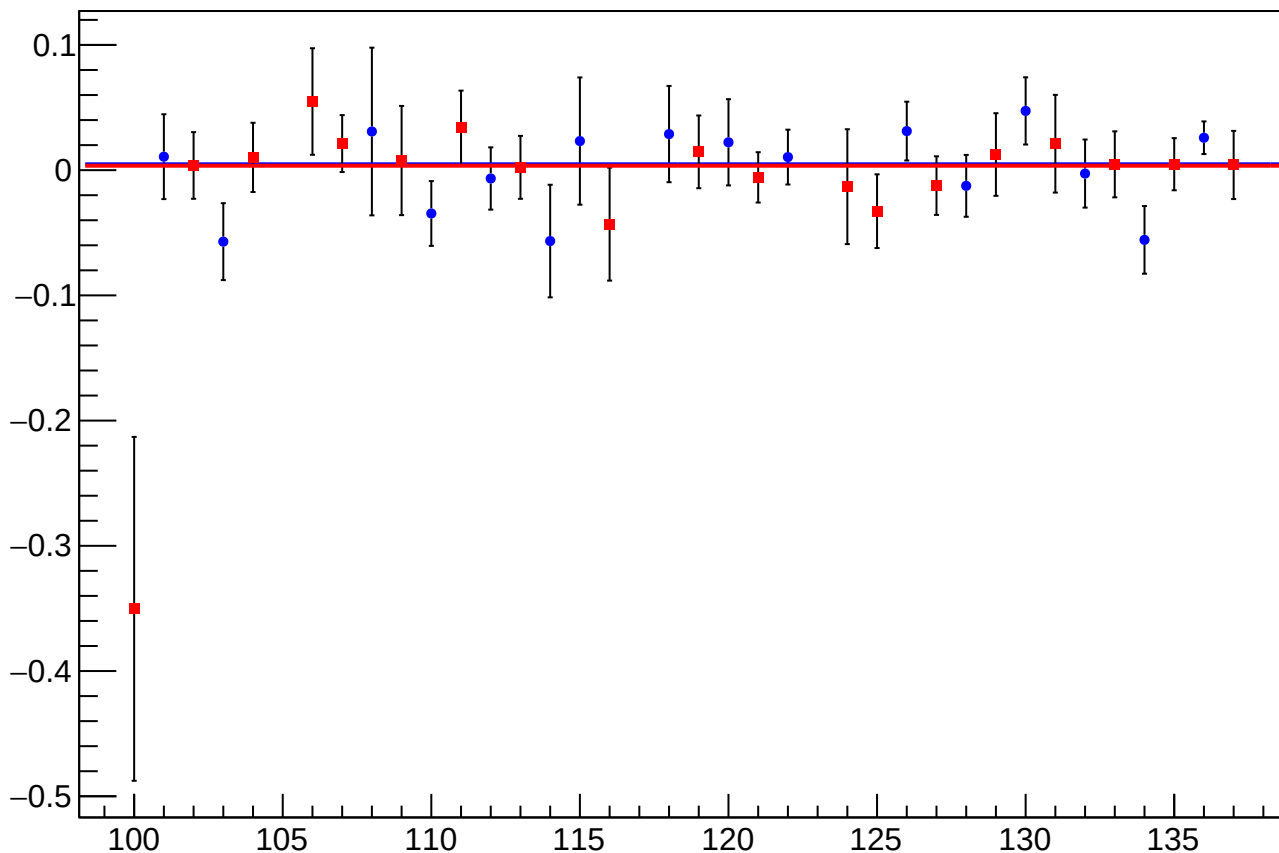
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.000+/-0.000

χ^2/NDF : 8244700.4/34

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.007 χ^2 /NDF: 21.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.007 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

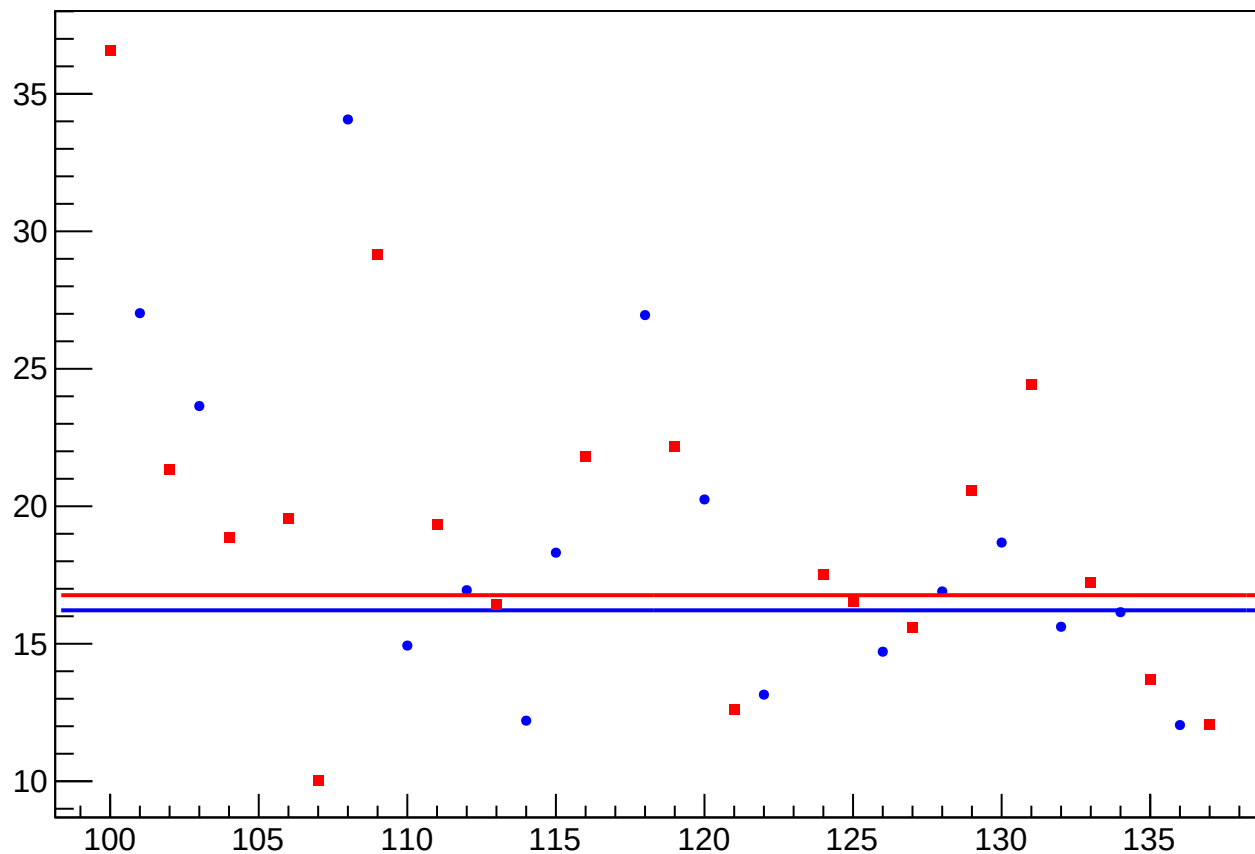
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

In: 0.005 $\pm$ 0.007 χ^2 /NDF:21.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.216+/-0.005 χ^2/NDF : 943830.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.766+/-0.005 χ^2/NDF : 866705.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

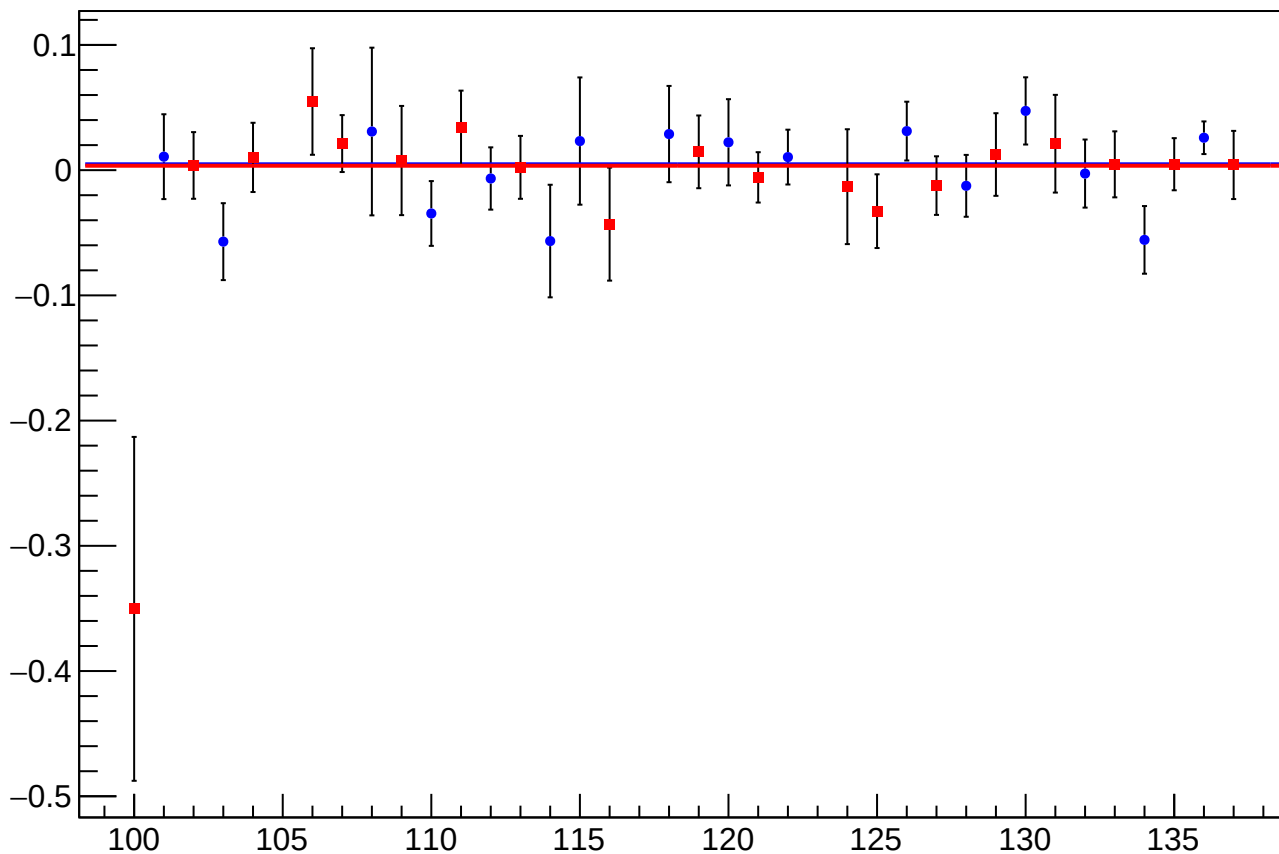
Right: 16.489+/-0.003 χ^2/NDF : 1817478.6/34

In: 16.216+/-0.005 χ^2/NDF : 943830.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.489+/-0.003 χ^2/NDF : 1817478.6/34

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.005 $\pm$ 0.007 χ^2 /NDF: 21.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.004 $\pm$ 0.007 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

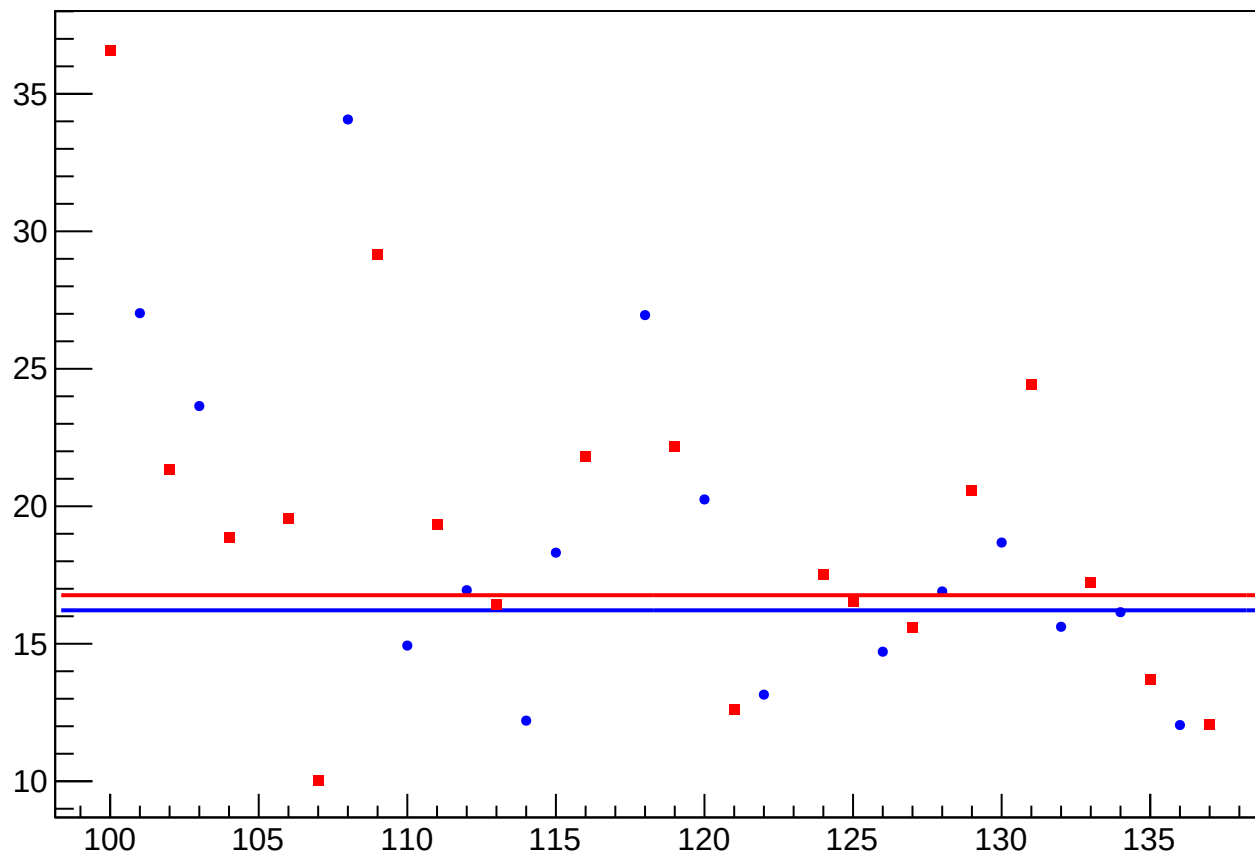
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

In: 0.005 $\pm$ 0.007 χ^2 /NDF:21.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/34

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 16.216 ± 0.005 χ^2/NDF : 943830.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.766 ± 0.005 χ^2/NDF : 866705.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

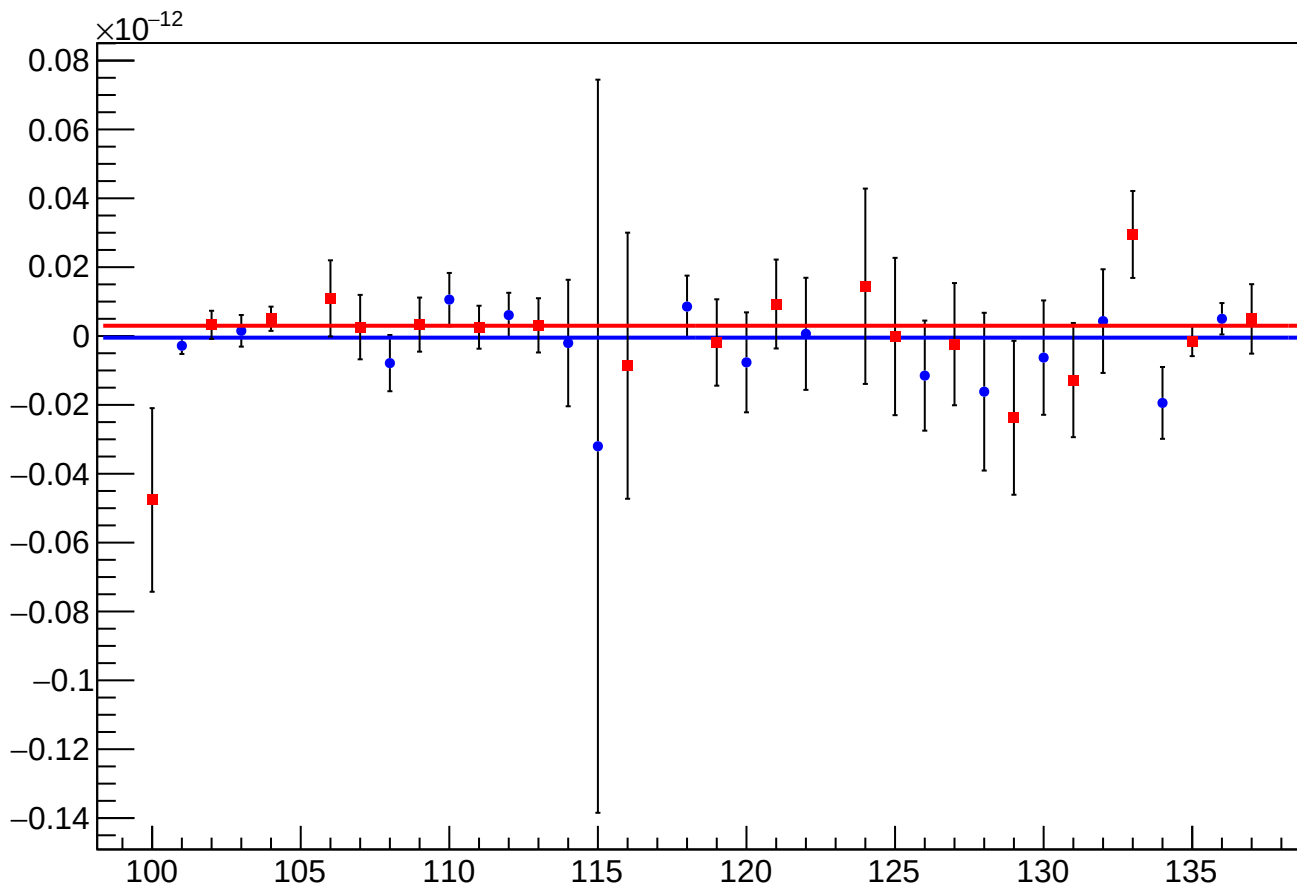
Right: 16.489 ± 0.003 χ^2/NDF : 1817478.6/34

In: 16.216 ± 0.005 χ^2/NDF : 943830.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 16.489 ± 0.003 χ^2/NDF : 1817478.6/34

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 12.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

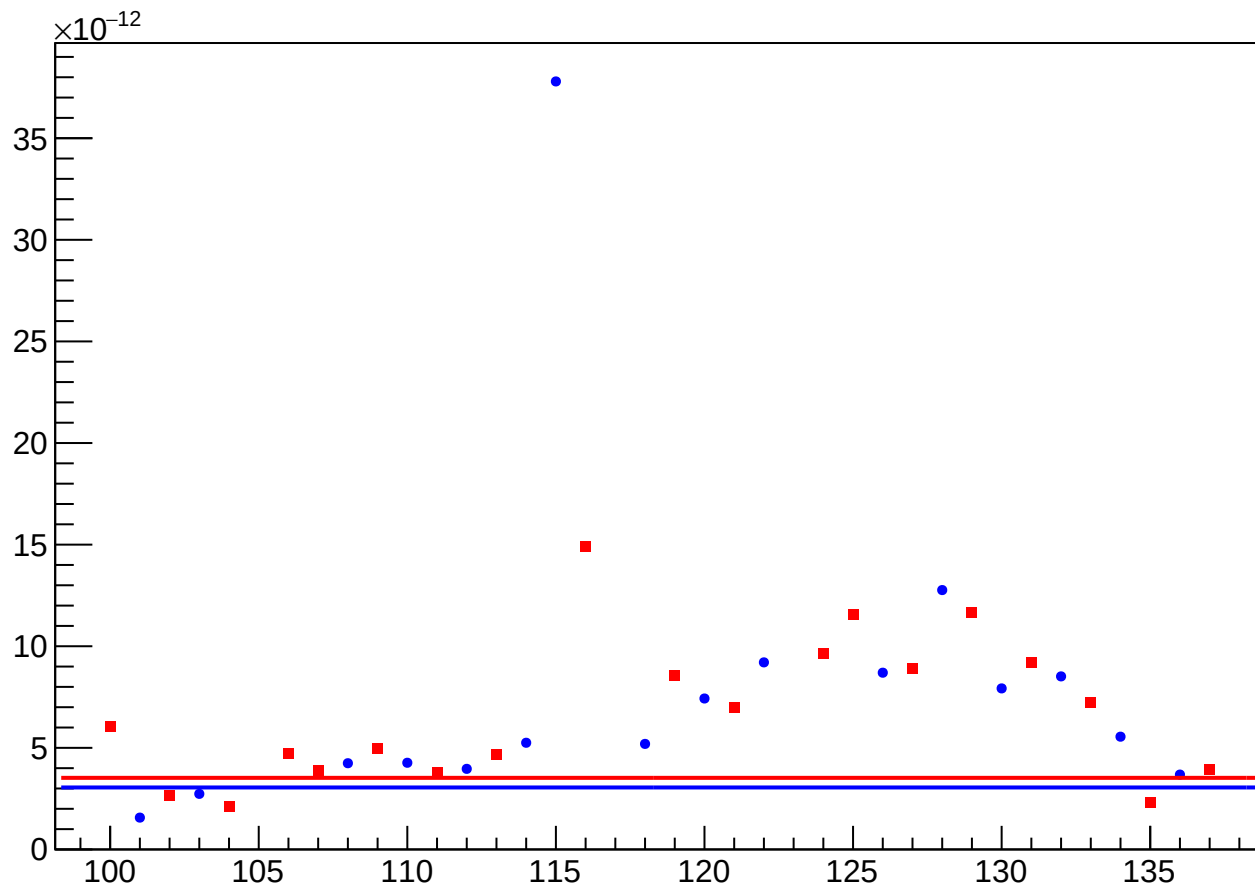
Right: 0.000 ± 0.000 χ^2/NDF : 27.4/34

In: -0.000 ± 0.000 χ^2/NDF : 12.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 27.4/34

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2937232.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2559080.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

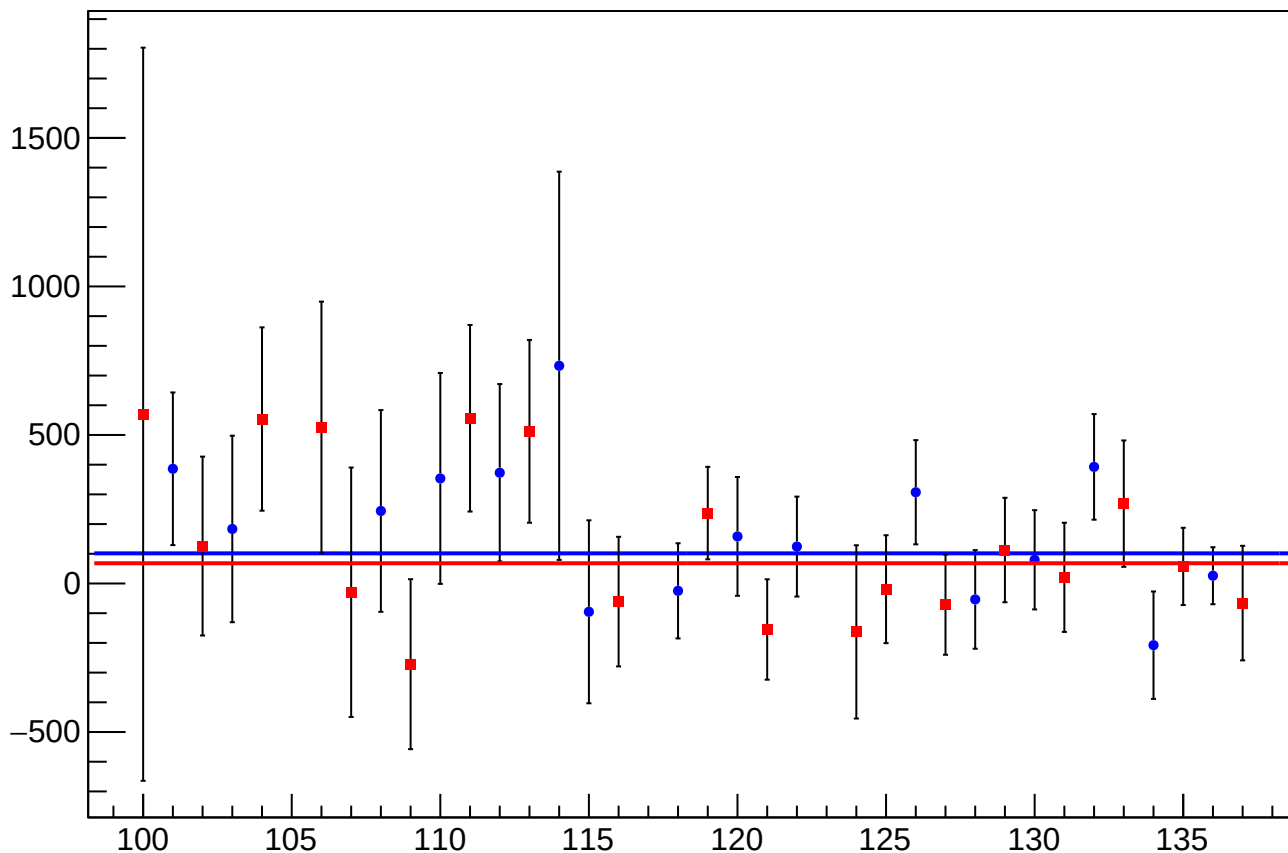
Right: 0.000+/-0.000 χ^2/NDF : 5572682.8/34

In: 0.000+/-0.000 χ^2/NDF : 2937232.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5572682.8/34

reg_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 101.460 $\pm$ 47.631 χ^2 /NDF: 13.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.108 $\pm$ 49.327 χ^2 /NDF: 16.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

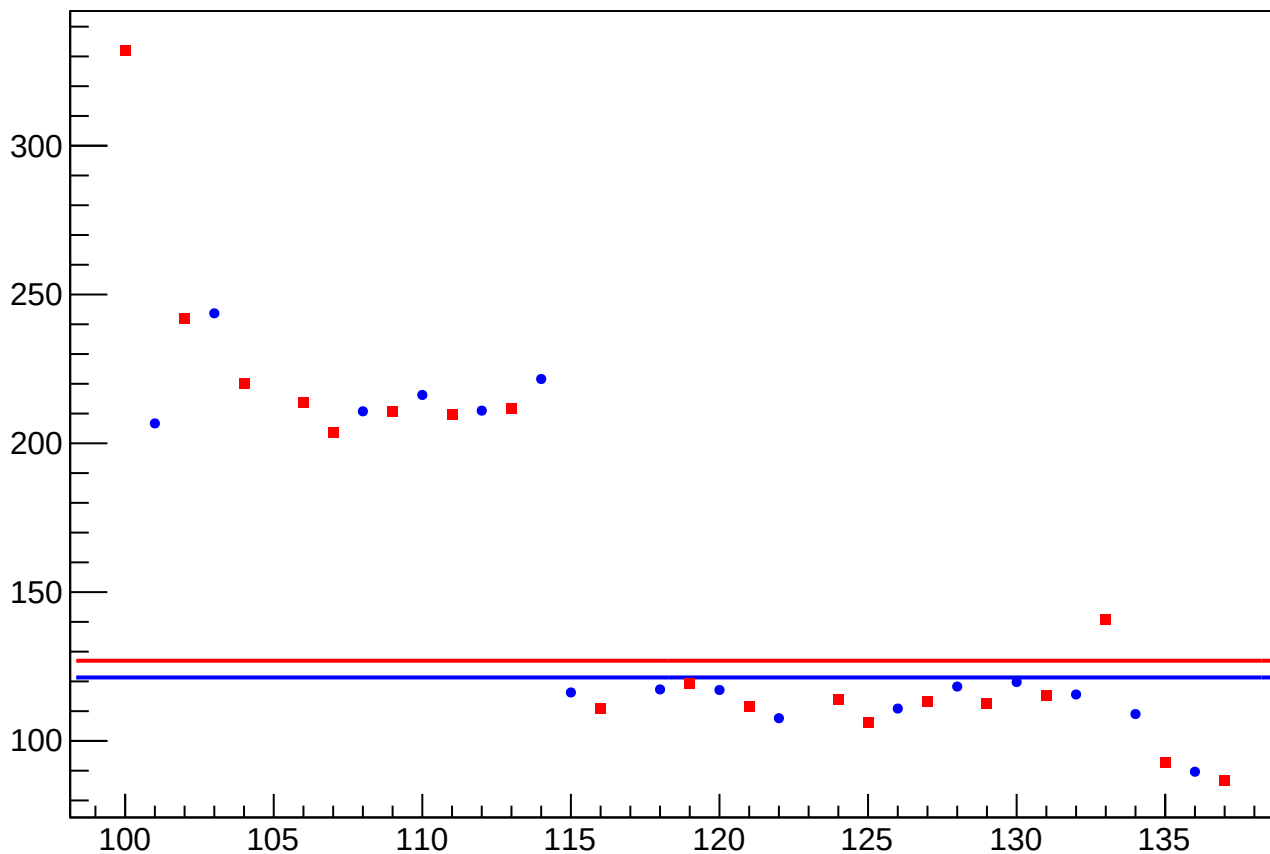
Right: 85.367 $\pm$ 34.264 χ^2 /NDF: 29.7/34

In: 101.460 $\pm$ 47.631 χ^2 /NDF:13.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.367 $\pm$ 34.264 χ^2 /NDF: 29.7/34

reg_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 121.325+/-0.034 χ^2/NDF : 1286651.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.945+/-0.035 χ^2/NDF : 1471592.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

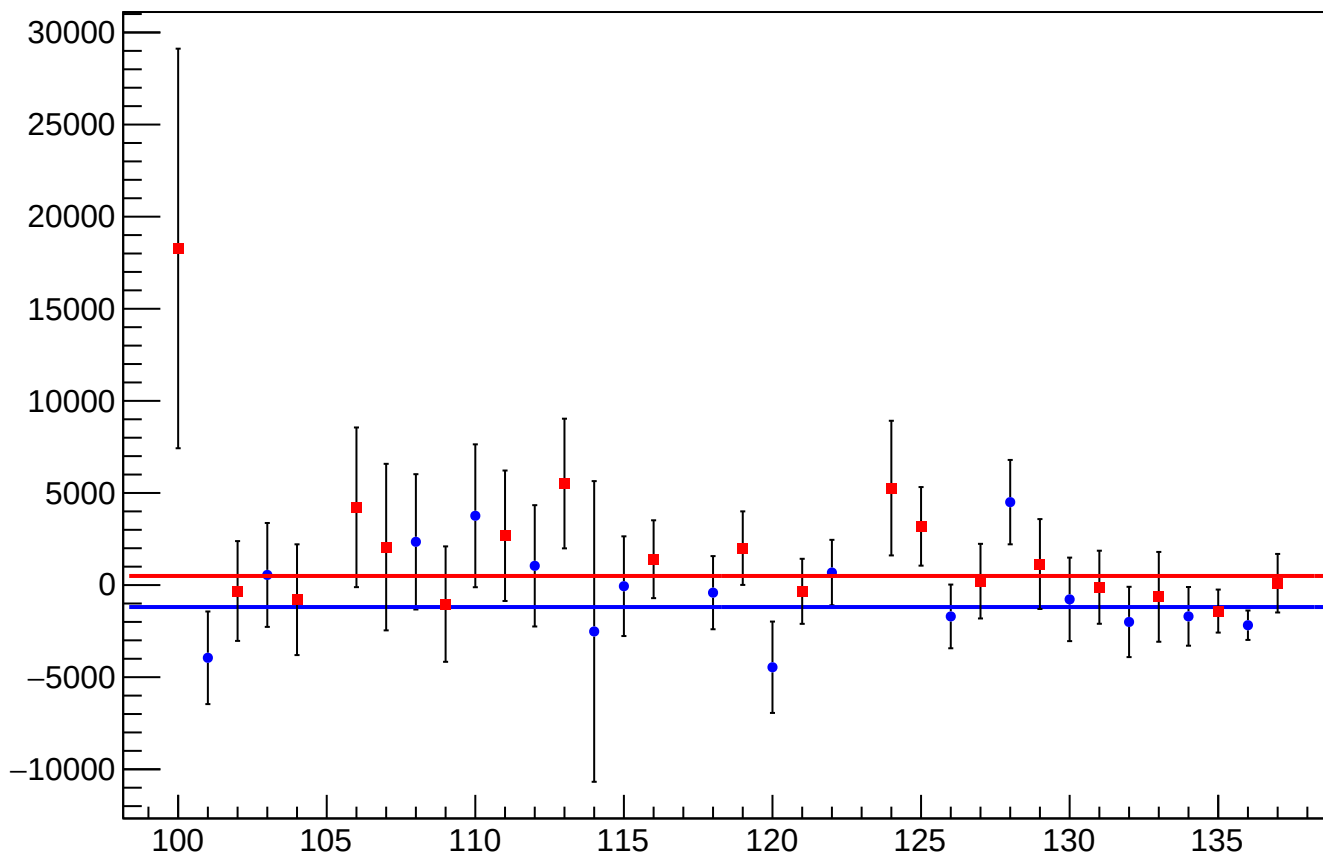
Right: 124.037+/-0.024 χ^2/NDF : 2771675.2/34

In: 121.325+/-0.034 χ^2/NDF : 1286651.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.037+/-0.024 χ^2/NDF : 2771675.2/34

asym_sam_26_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1192.168+/-478.908 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 494.627+/-521.756 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

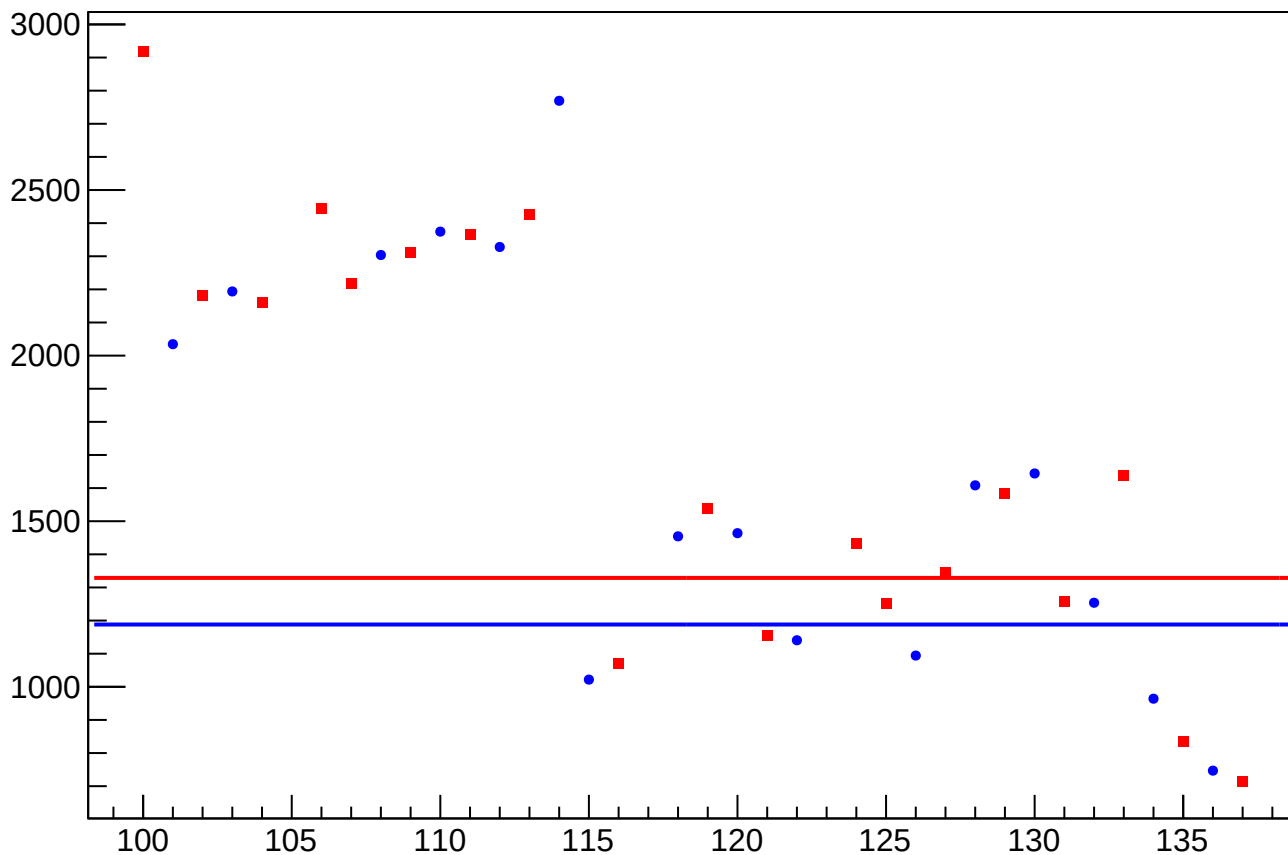
Right: -420.866+/-352.816 χ^2/NDF : 35.5/34

In: -1192.168+/-478.908 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.866+/-352.816 χ^2/NDF : 35.5/34

asym_sam_26_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1188.069+/-0.339 χ^2/NDF : 2044635.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1328.816+/-0.369 χ^2/NDF : 1957758.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

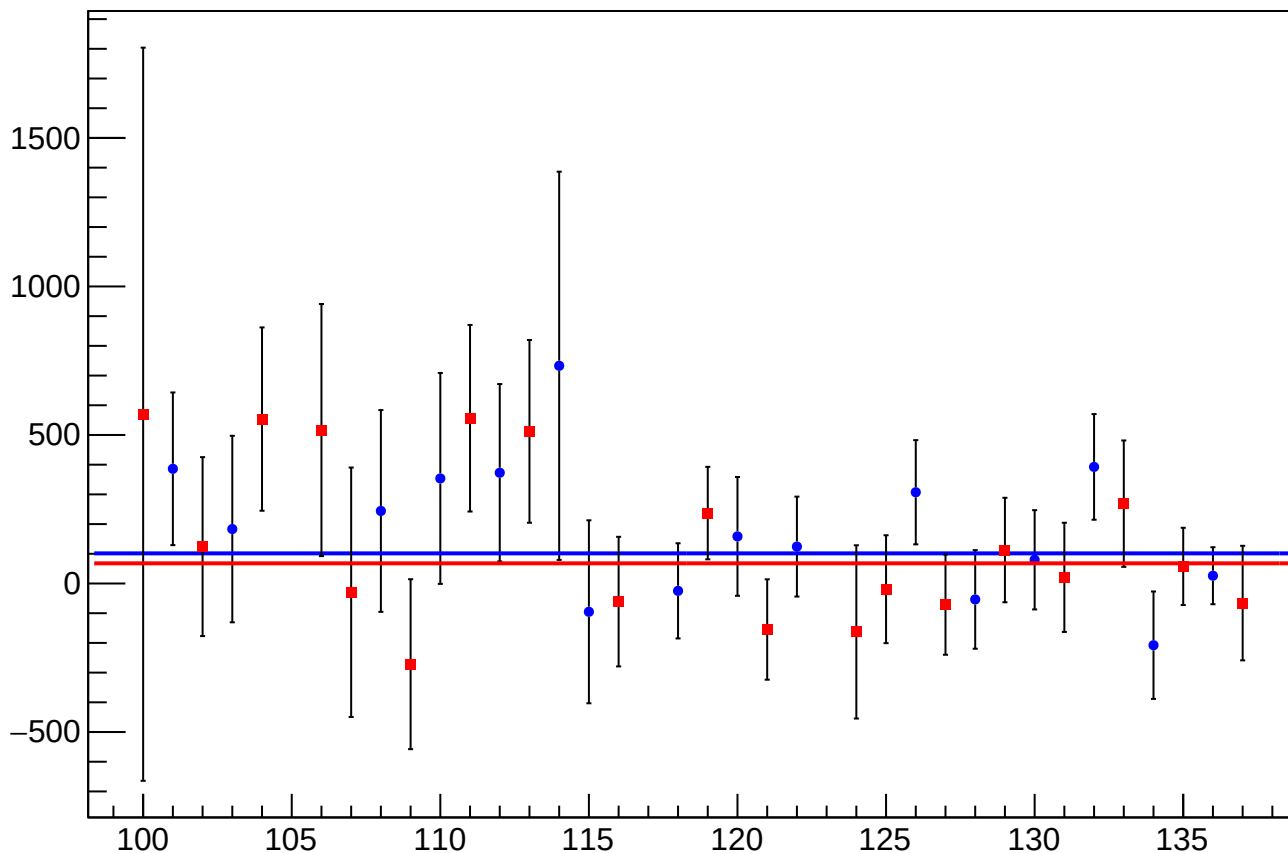
Right: 1252.427+/-0.249 χ^2/NDF : 4081382.8/34

In: 1188.069+/-0.339 χ^2/NDF :2044635.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1252.427+/-0.249 χ^2/NDF : 4081382.8/34

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 101.446 $\pm$ 47.631 χ^2 /NDF: 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.881 $\pm$ 49.331 χ^2 /NDF: 16.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

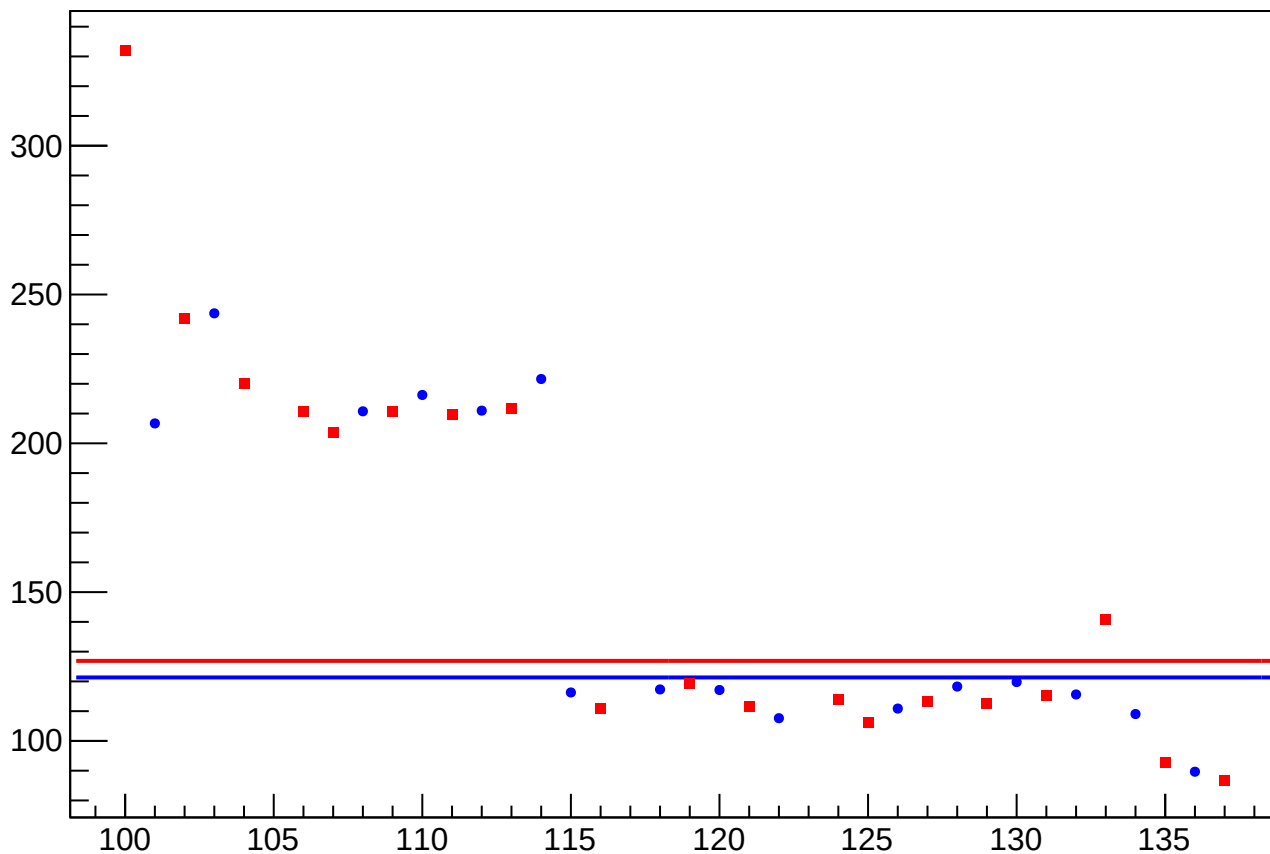
Right: 85.252 $\pm$ 34.265 χ^2 /NDF: 29.7/34

In: 101.446 $\pm$ 47.631 χ^2 /NDF:13.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.252 $\pm$ 34.265 χ^2 /NDF: 29.7/34

cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.895+/-0.035 χ^2/NDF : 1465478.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

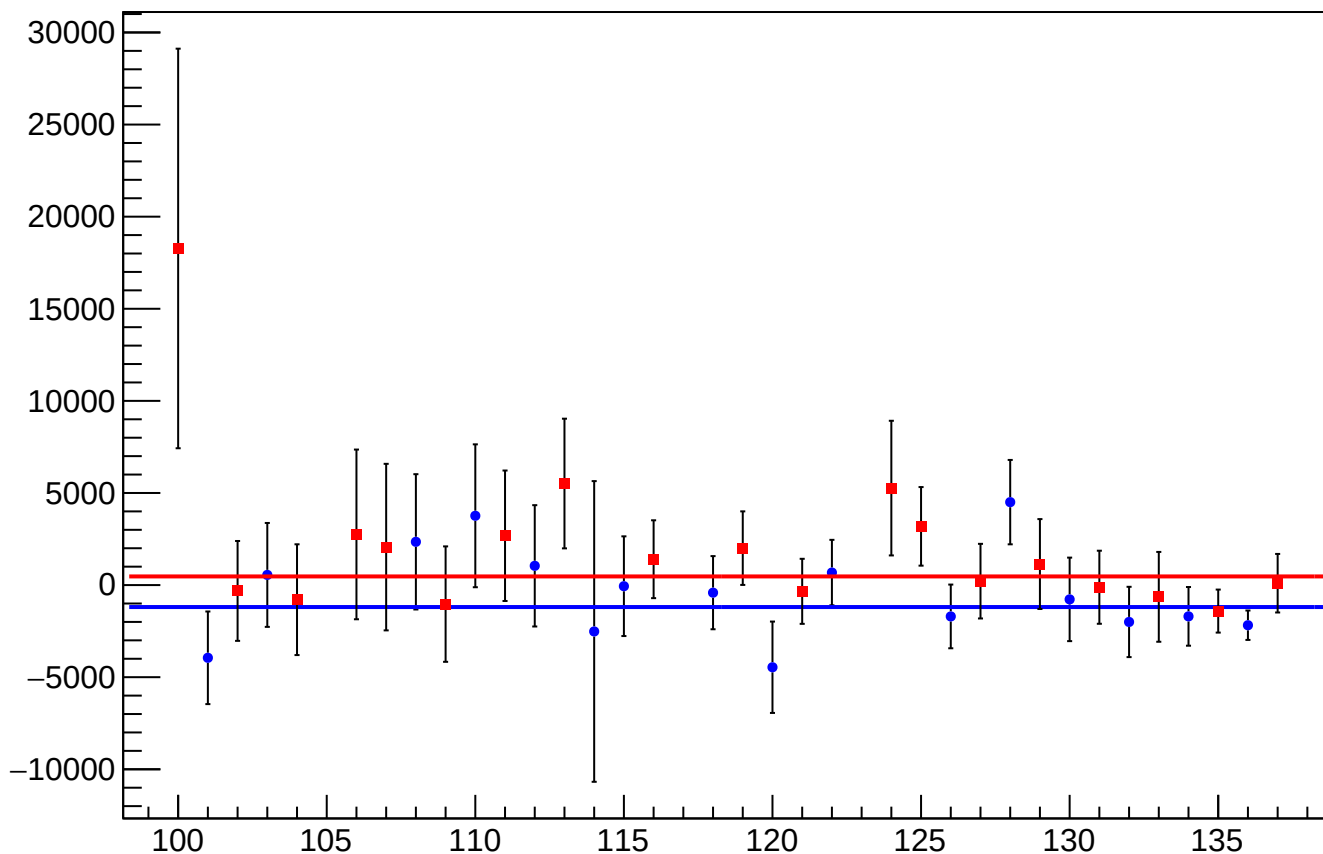
Right: 124.013+/-0.024 χ^2/NDF : 2765325.4/34

In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.013+/-0.024 χ^2/NDF : 2765325.4/34

asym_sam_26_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1192.145+/-478.909 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 469.736+/-522.203 χ^2/NDF : 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

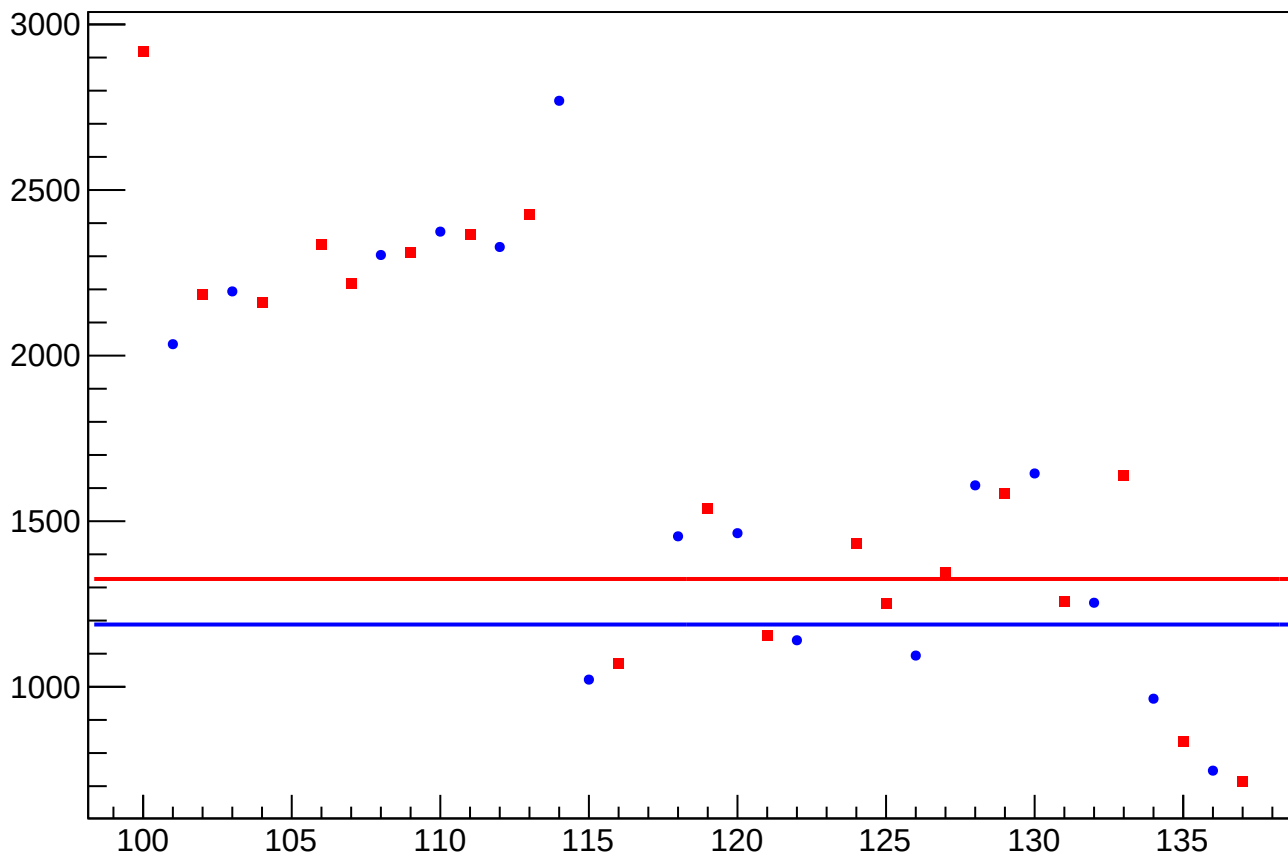
Right: -432.941+/-352.955 χ^2/NDF : 34.8/34

In: -1192.145+/-478.909 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -432.941+/-352.955 χ^2/NDF : 34.8/34

asym_sam_26_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1188.069+/-0.339 χ^2/NDF : 2044666.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.564+/-0.369 χ^2/NDF : 1920986.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

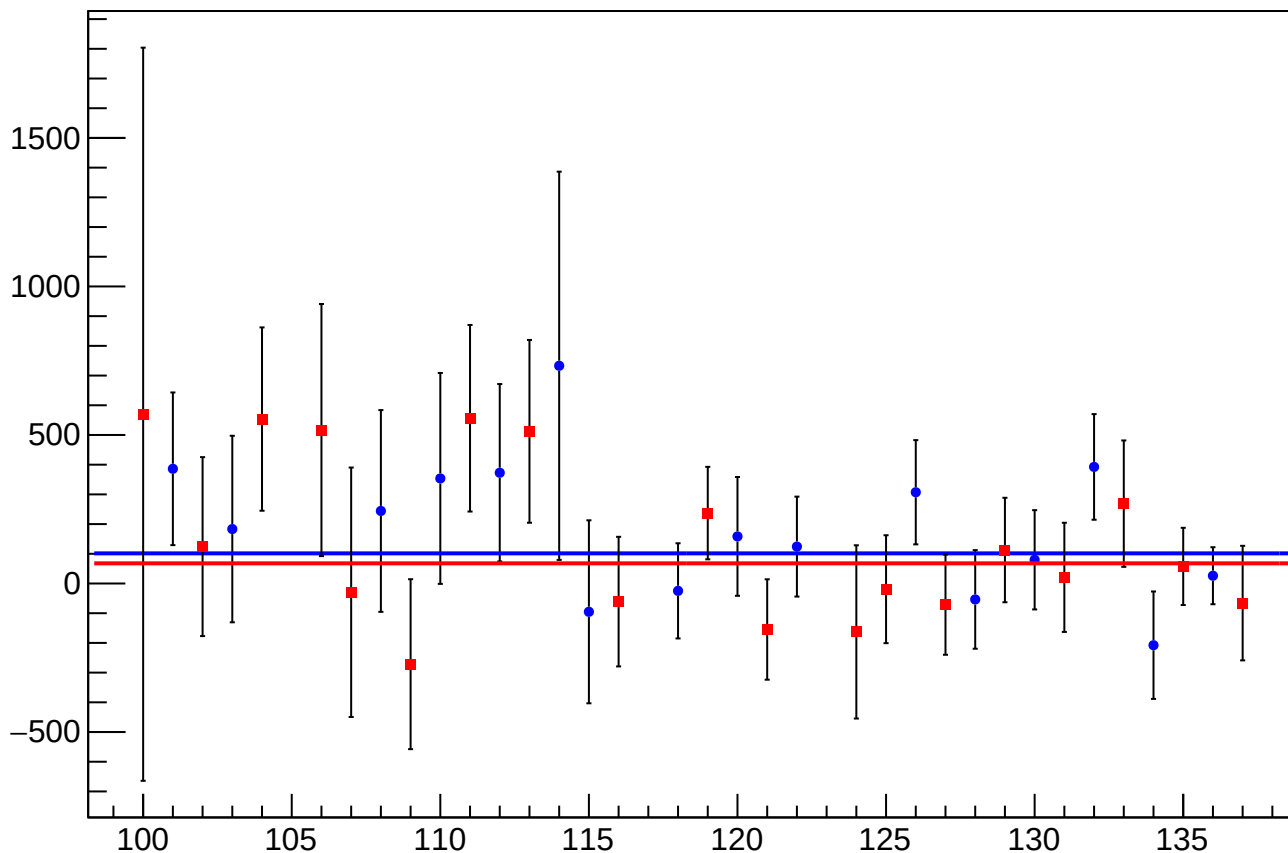
Right: 1250.882+/-0.250 χ^2/NDF : 4040963.9/34

In: 1188.069+/-0.339 χ^2/NDF : 2044666.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.882+/-0.250 χ^2/NDF : 4040963.9/34

eigen_cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 101.446 $\pm$ 47.631 χ^2 /NDF: 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.881 $\pm$ 49.331 χ^2 /NDF: 16.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

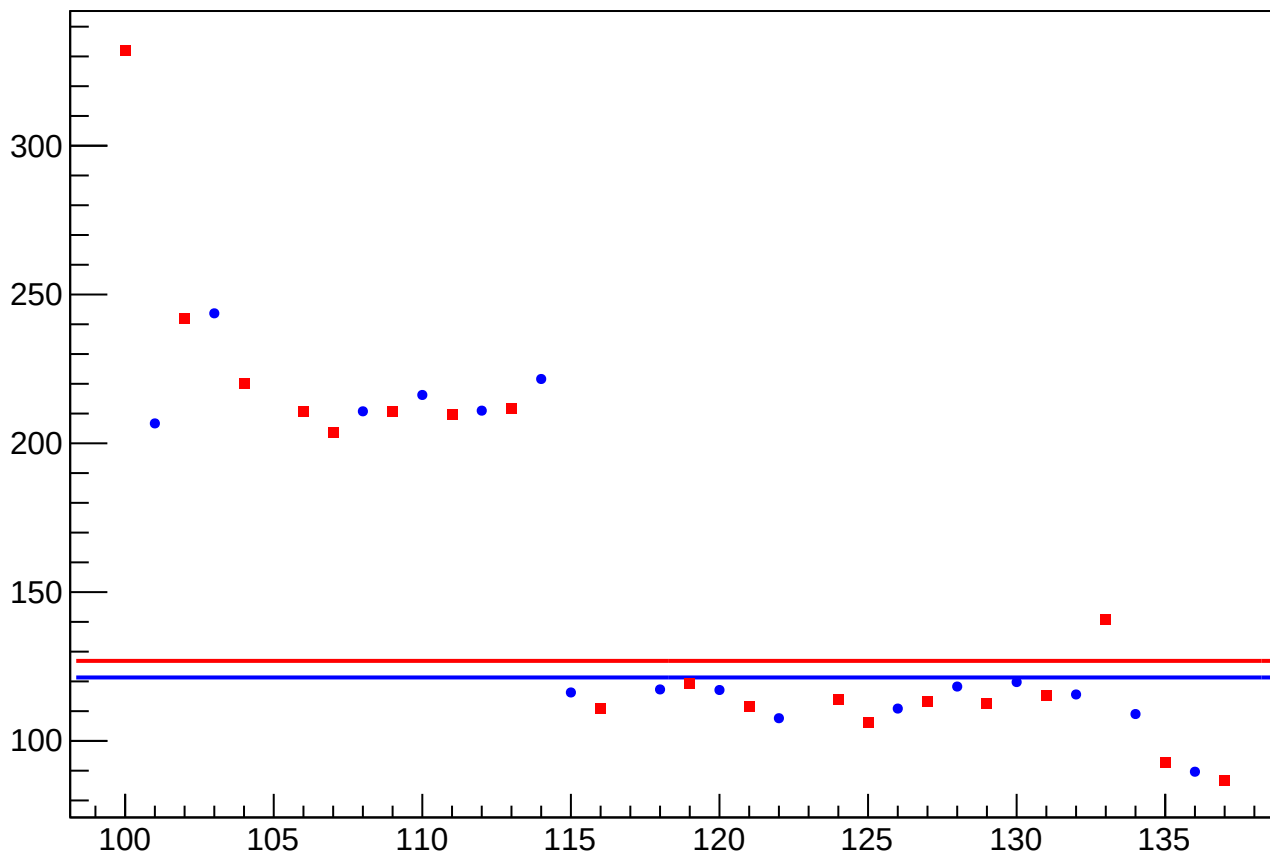
Right: 85.252 $\pm$ 34.265 χ^2 /NDF: 29.7/34

In: 101.446 $\pm$ 47.631 χ^2 /NDF:13.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 85.252 $\pm$ 34.265 χ^2 /NDF: 29.7/34

eigen_cor_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.895+/-0.035 χ^2/NDF : 1465478.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

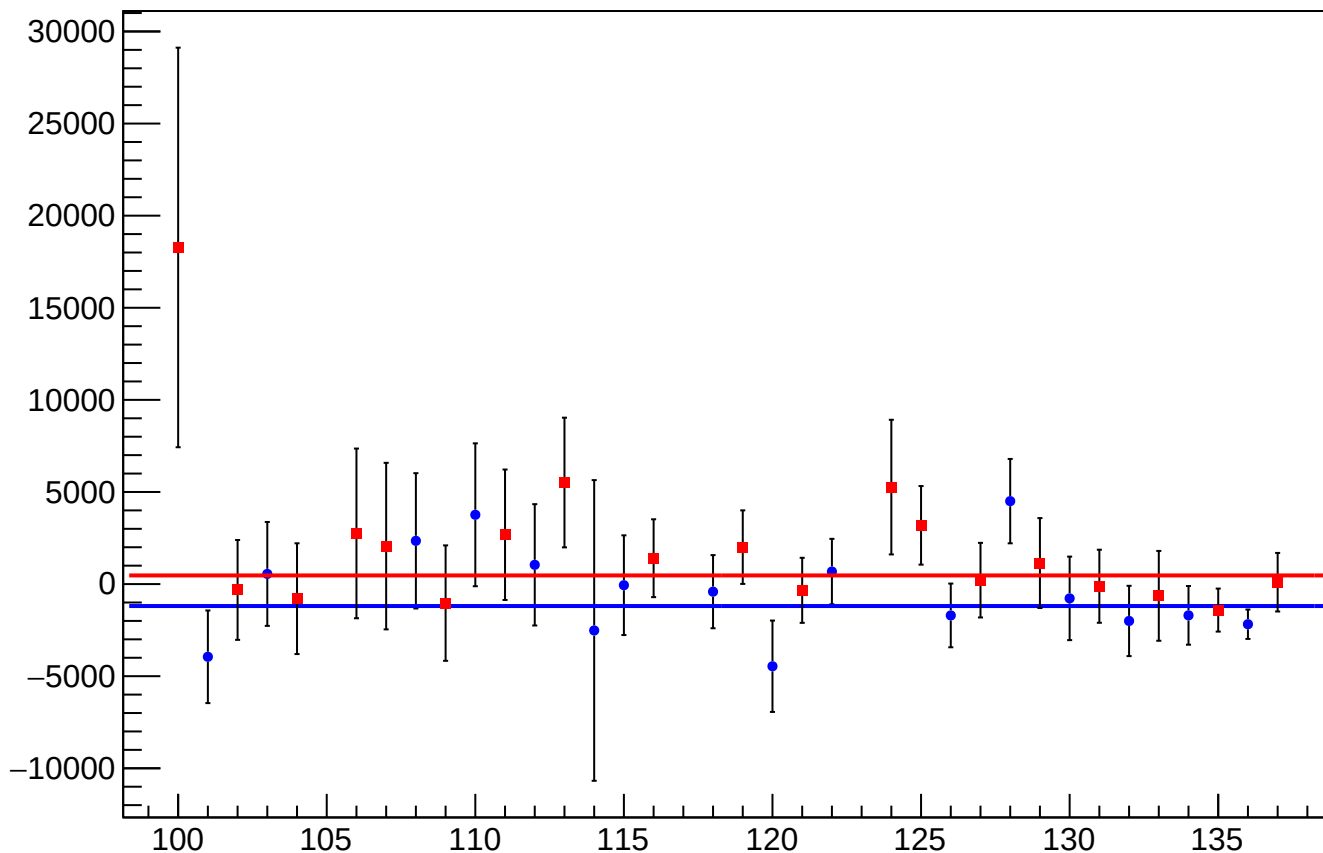
Right: 124.013+/-0.024 χ^2/NDF : 2765325.4/34

In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.013+/-0.024 χ^2/NDF : 2765325.4/34

asym_sam_26_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1192.145 $\pm$ 478.909 χ^2/NDF : 15.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 469.736 $\pm$ 522.203 χ^2/NDF : 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

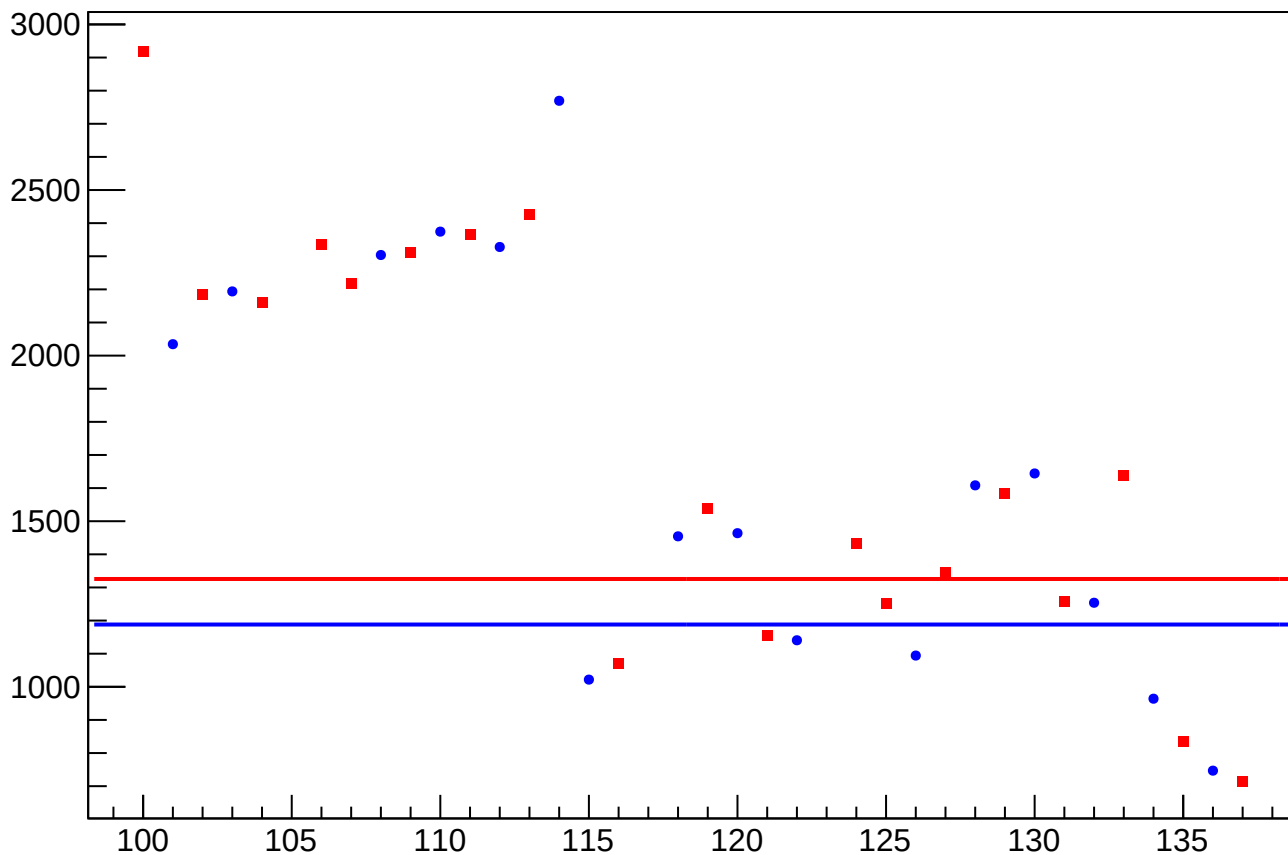
Right: -432.941 $\pm$ 352.955 χ^2/NDF : 34.8/34

In: -1192.145 $\pm$ 478.909 χ^2/NDF : 15.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -432.941 $\pm$ 352.955 χ^2/NDF : 34.8/34

asym_sam_26_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1188.069+/-0.339 χ^2/NDF : 2044666.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1325.564+/-0.369 χ^2/NDF : 1920986.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

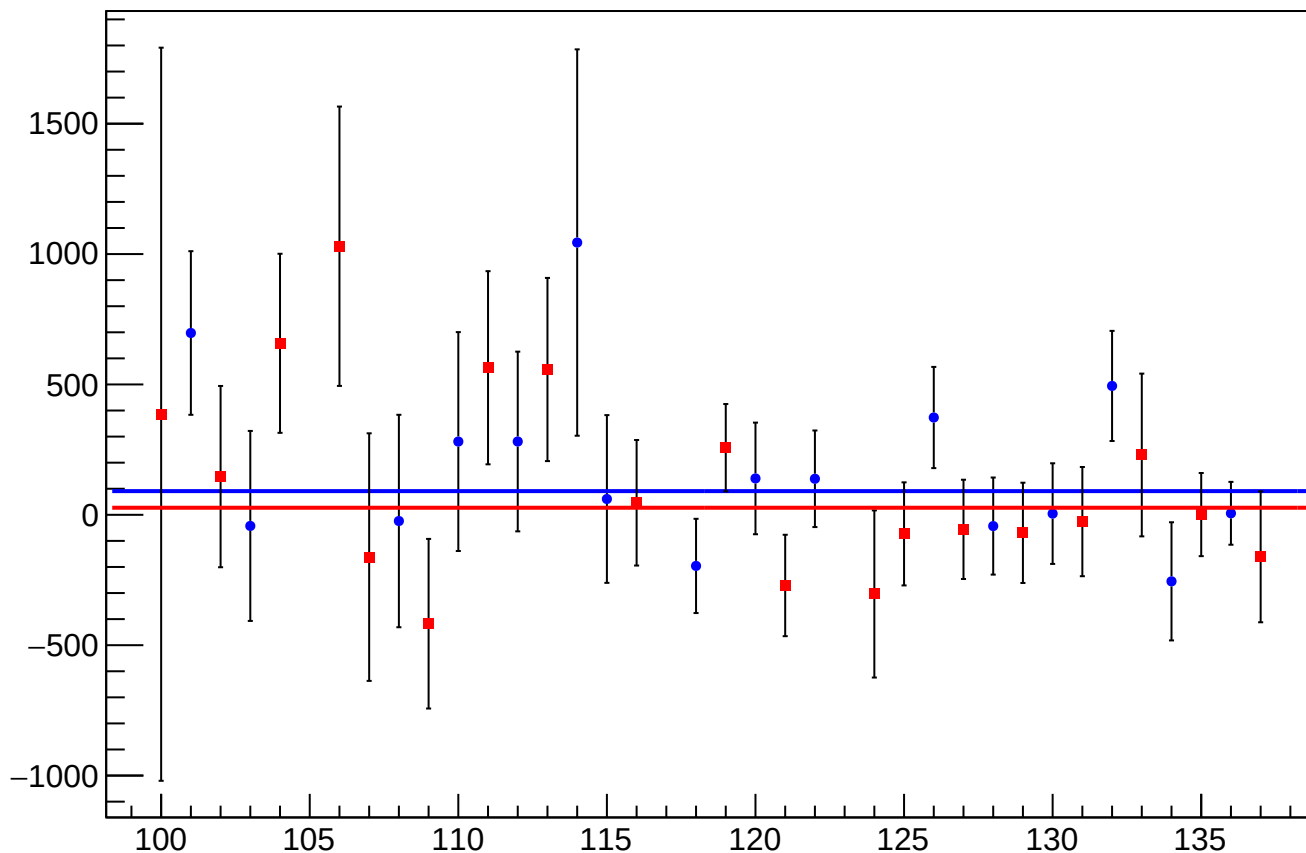
Right: 1250.882+/-0.250 χ^2/NDF : 4040963.9/34

In: 1188.069+/-0.339 χ^2/NDF : 2044666.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1250.882+/-0.250 χ^2/NDF : 4040963.9/34

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 90.908+/-55.565 χ^2/NDF : 18.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.170+/-57.015 χ^2/NDF : 20.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

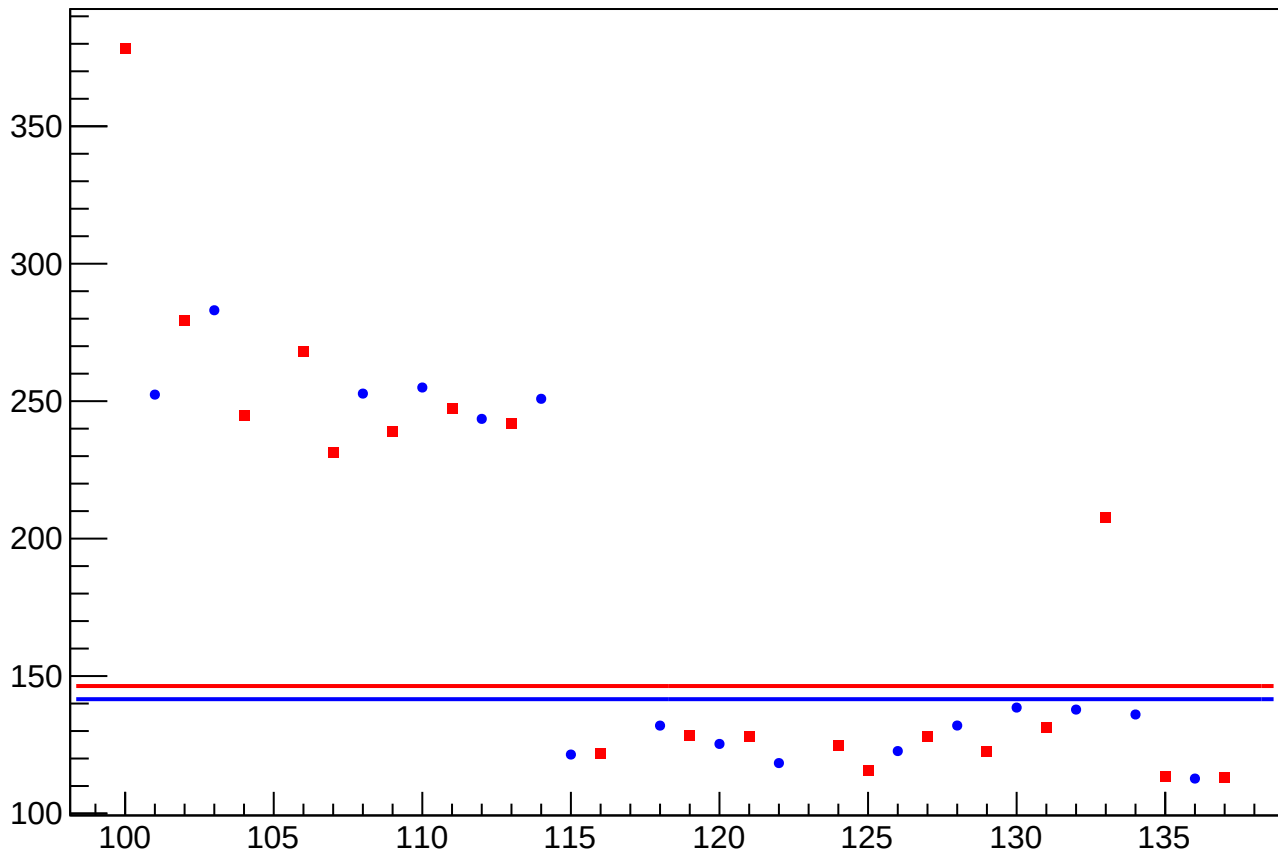
Right: 59.860+/-39.793 χ^2/NDF : 39.3/34

In: 90.908+/-55.565 χ^2/NDF : 18.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.860+/-39.793 χ^2/NDF : 39.3/34

dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 141.586+/-0.039 χ^2/NDF : 1262366.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.368+/-0.040 χ^2/NDF : 1513656.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

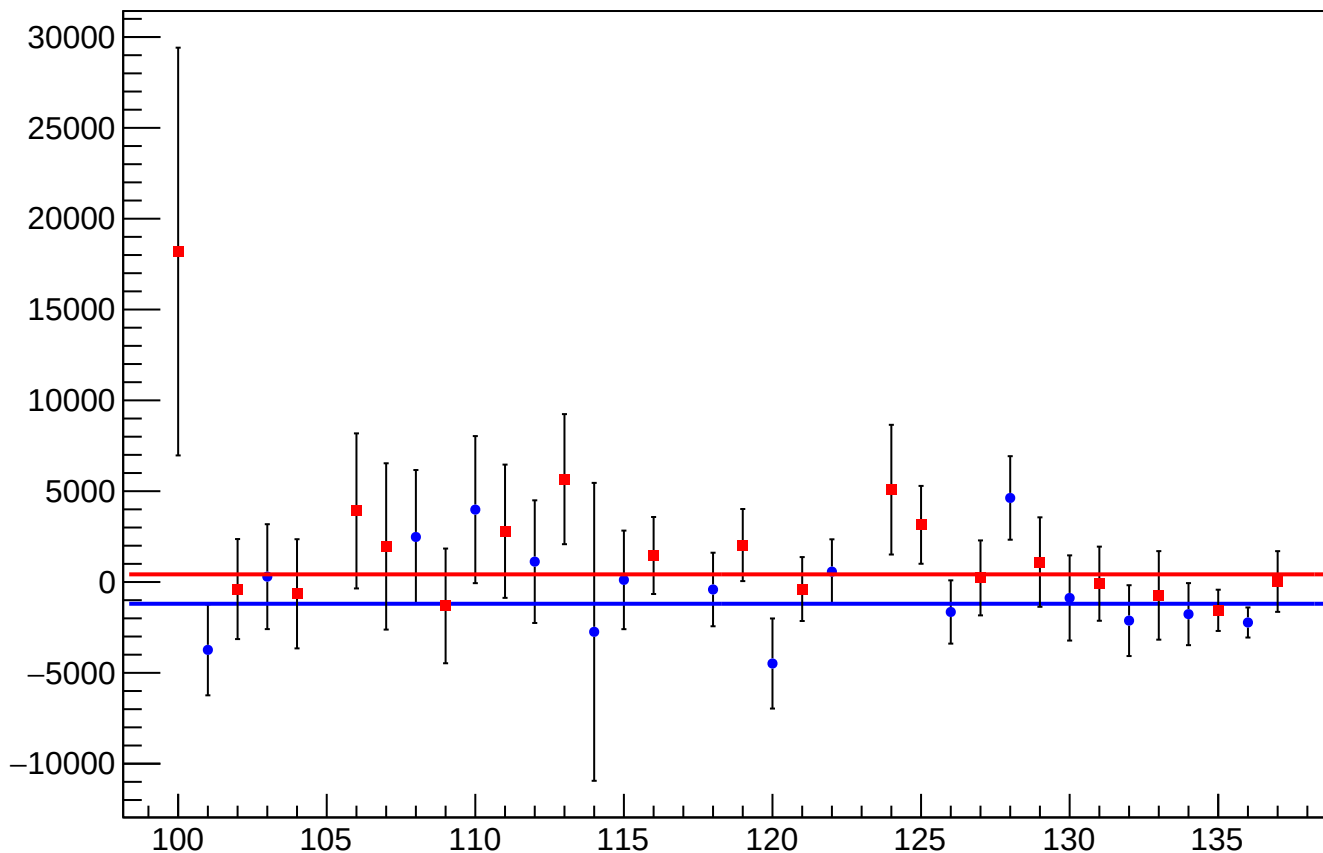
Right: 143.916+/-0.028 χ^2/NDF : 2783239.3/34

In: 141.586+/-0.039 χ^2/NDF : 1262366.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.916+/-0.028 χ^2/NDF : 2783239.3/34

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1196.663 $\pm$ 491.384 χ^2 /NDF: 16.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 422.161 $\pm$ 523.834 χ^2 /NDF: 14.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

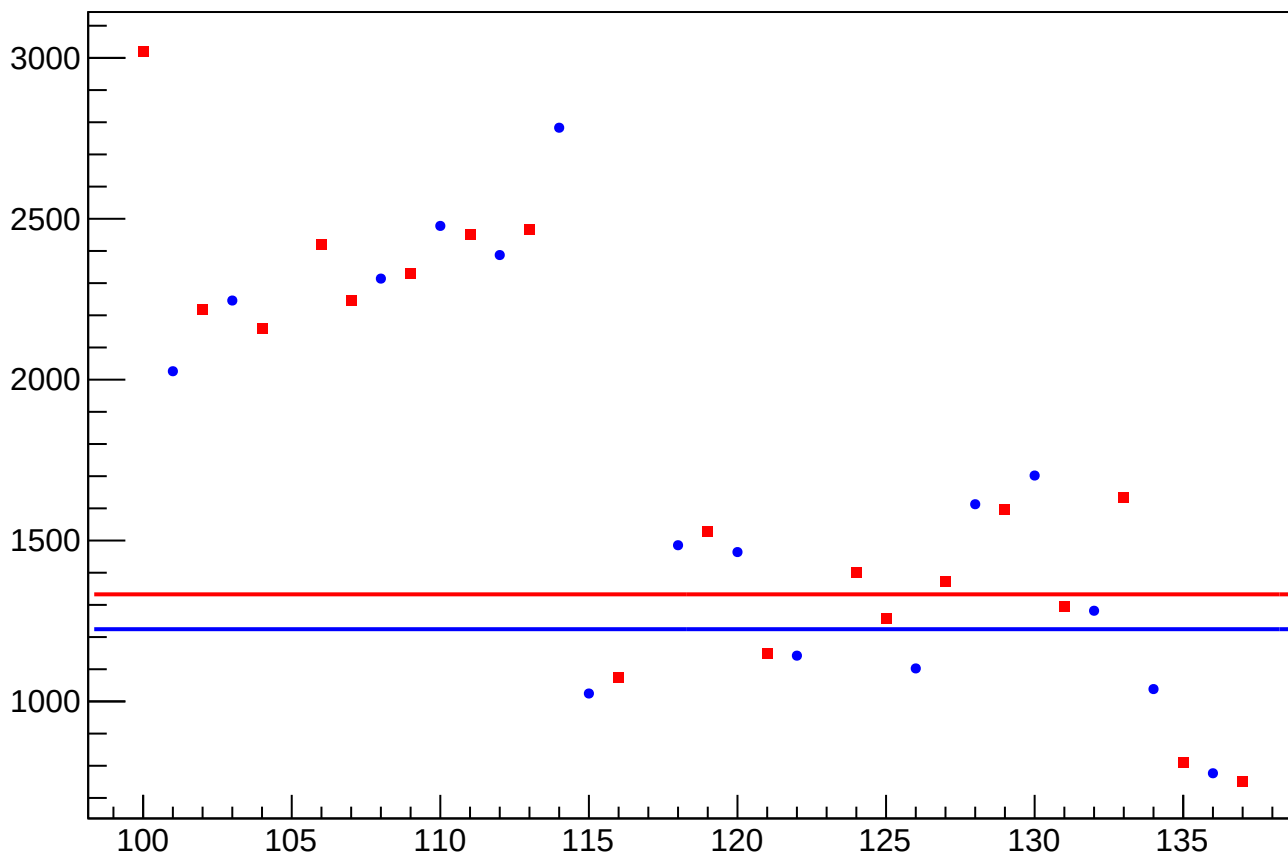
Right: -438.942 $\pm$ 358.384 χ^2 /NDF: 35.3/34

In: -1196.663 $\pm$ 491.384 χ^2 /NDF:16.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -438.942 $\pm$ 358.384 χ^2 /NDF: 35.3/34

asym_sam_26_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1224.470+/-0.347 χ^2/NDF : 1959362.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.785+/-0.370 χ^2/NDF : 1994811.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

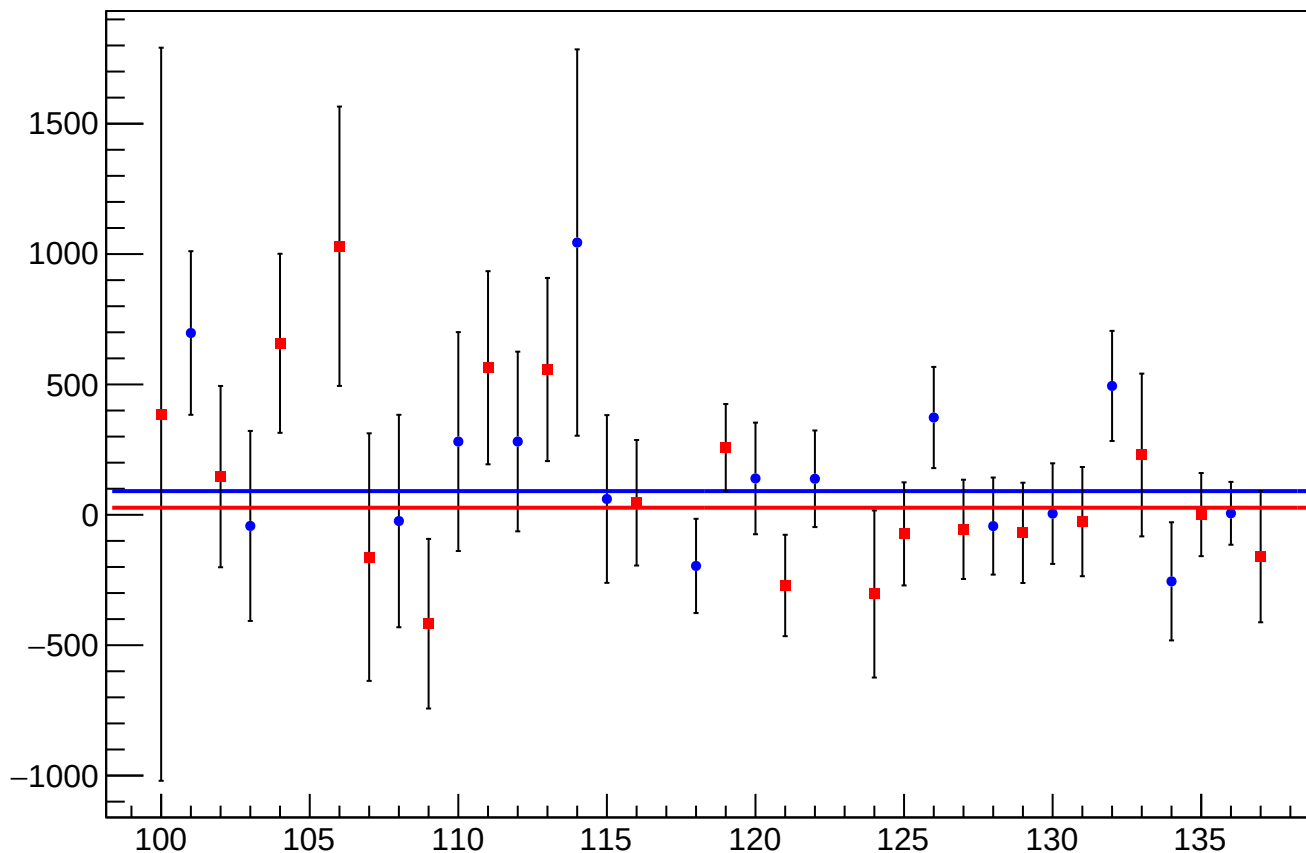
Right: 1275.169+/-0.253 χ^2/NDF : 3999659.2/34

In: 1224.470+/-0.347 χ^2/NDF : 1959362.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.169+/-0.253 χ^2/NDF : 3999659.2/34

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 90.910 $\pm$ 55.564 χ^2 /NDF: 18.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.170 $\pm$ 57.015 χ^2 /NDF: 20.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

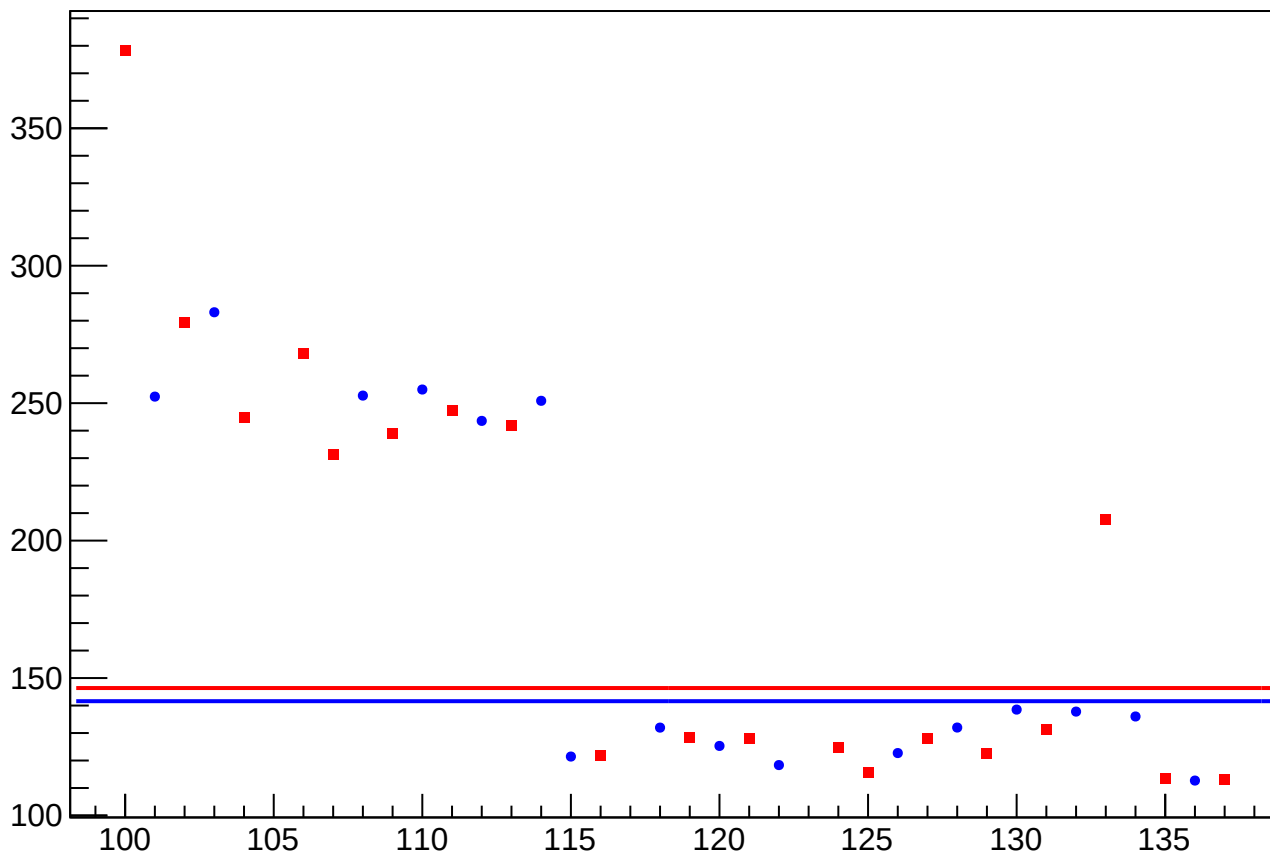
Right: 59.862 $\pm$ 39.793 χ^2 /NDF: 39.3/34

In: 90.910 $\pm$ 55.564 χ^2 /NDF:18.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 59.862 $\pm$ 39.793 χ^2 /NDF: 39.3/34

eigen_dit_asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 141.586+/-0.039 χ^2/NDF : 1262350.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.368+/-0.040 χ^2/NDF : 1513641.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

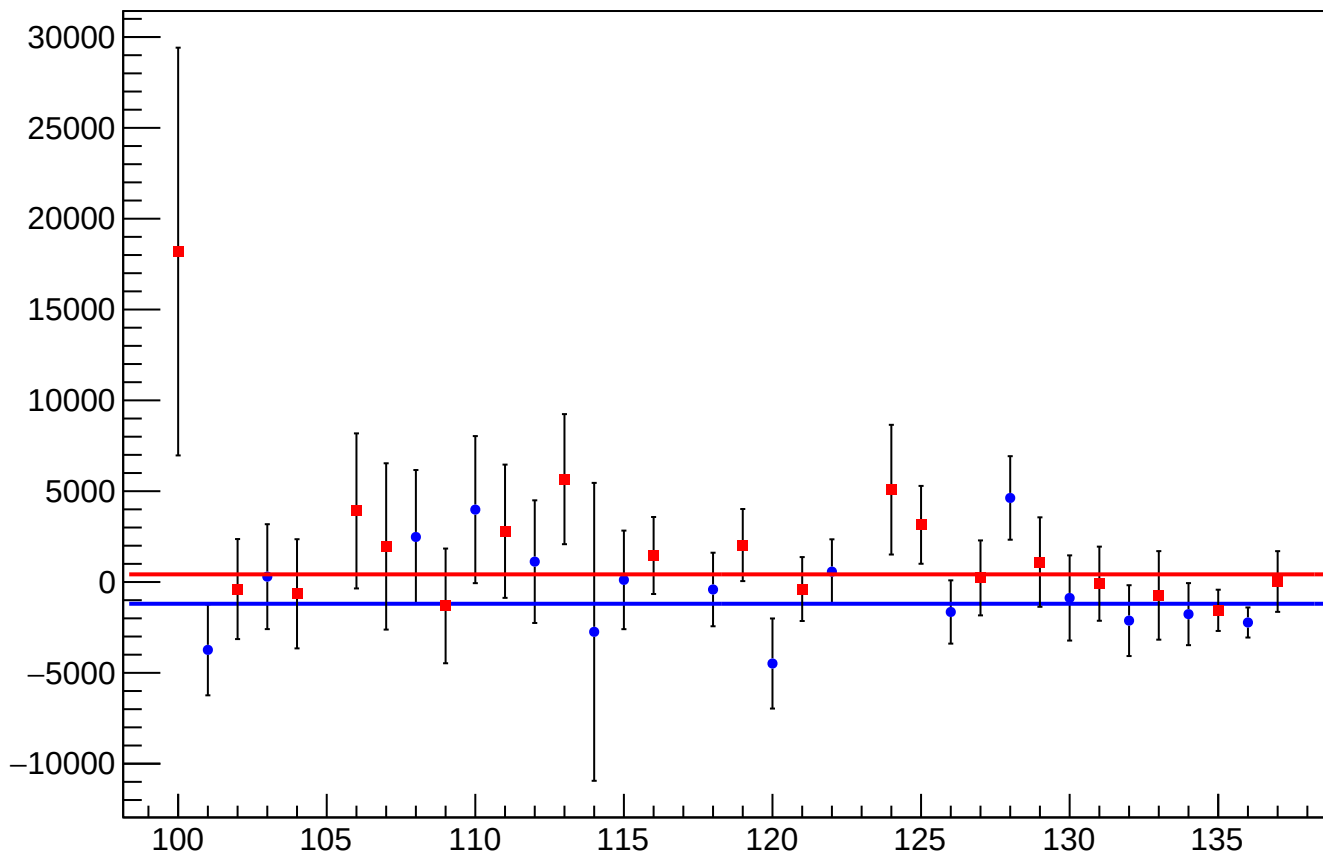
Right: 143.915+/-0.028 χ^2/NDF : 2783209.2/34

In: 141.586+/-0.039 χ^2/NDF : 1262350.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.915+/-0.028 χ^2/NDF : 2783209.2/34

asym_sam_26_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1196.659 $\pm$ 491.383 χ^2 /NDF: 16.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 422.163 $\pm$ 523.833 χ^2 /NDF: 14.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

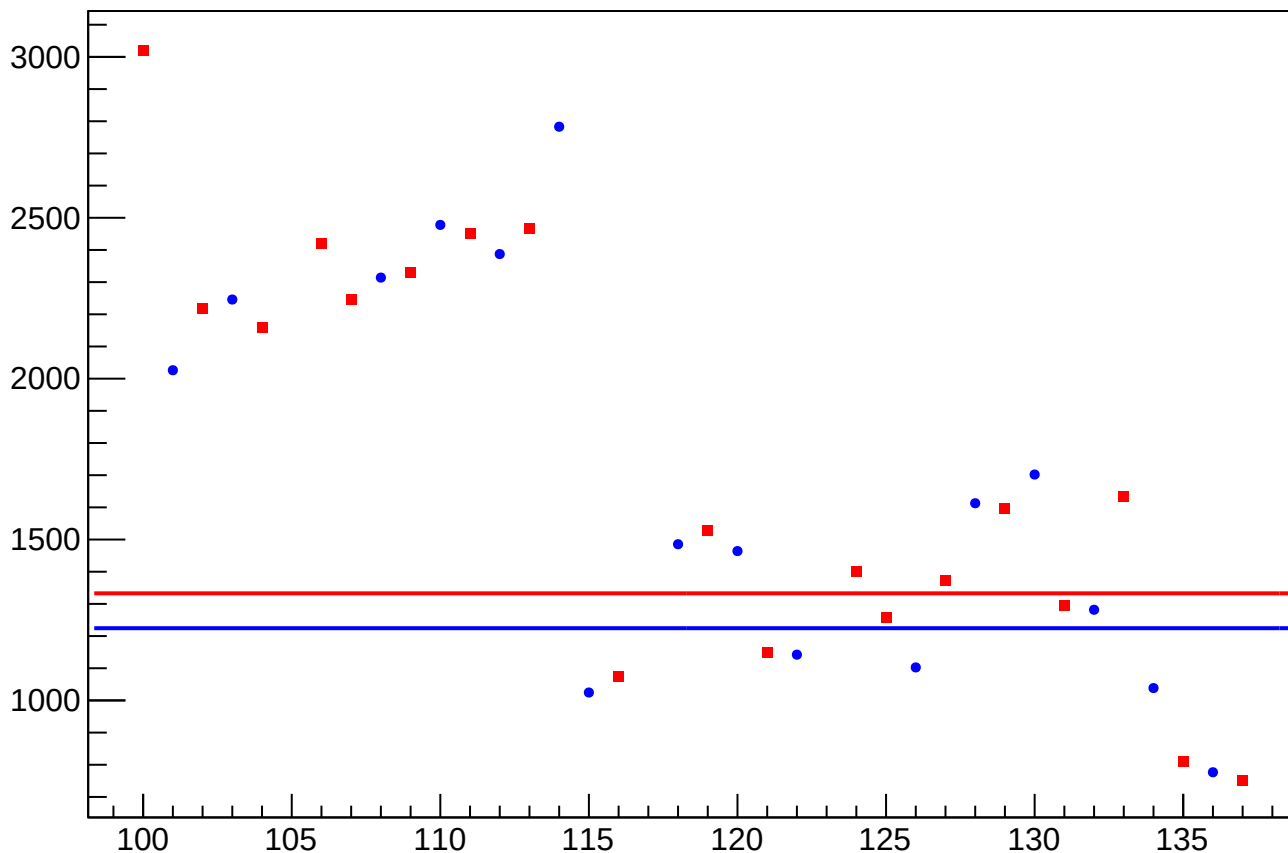
Right: -438.939 $\pm$ 358.384 χ^2 /NDF: 35.3/34

In: -1196.659 $\pm$ 491.383 χ^2 /NDF:16.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -438.939 $\pm$ 358.384 χ^2 /NDF: 35.3/34

asym_sam_26_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1224.470+/-0.347 χ^2/NDF : 1959341.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1332.784+/-0.370 χ^2/NDF : 1994794.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

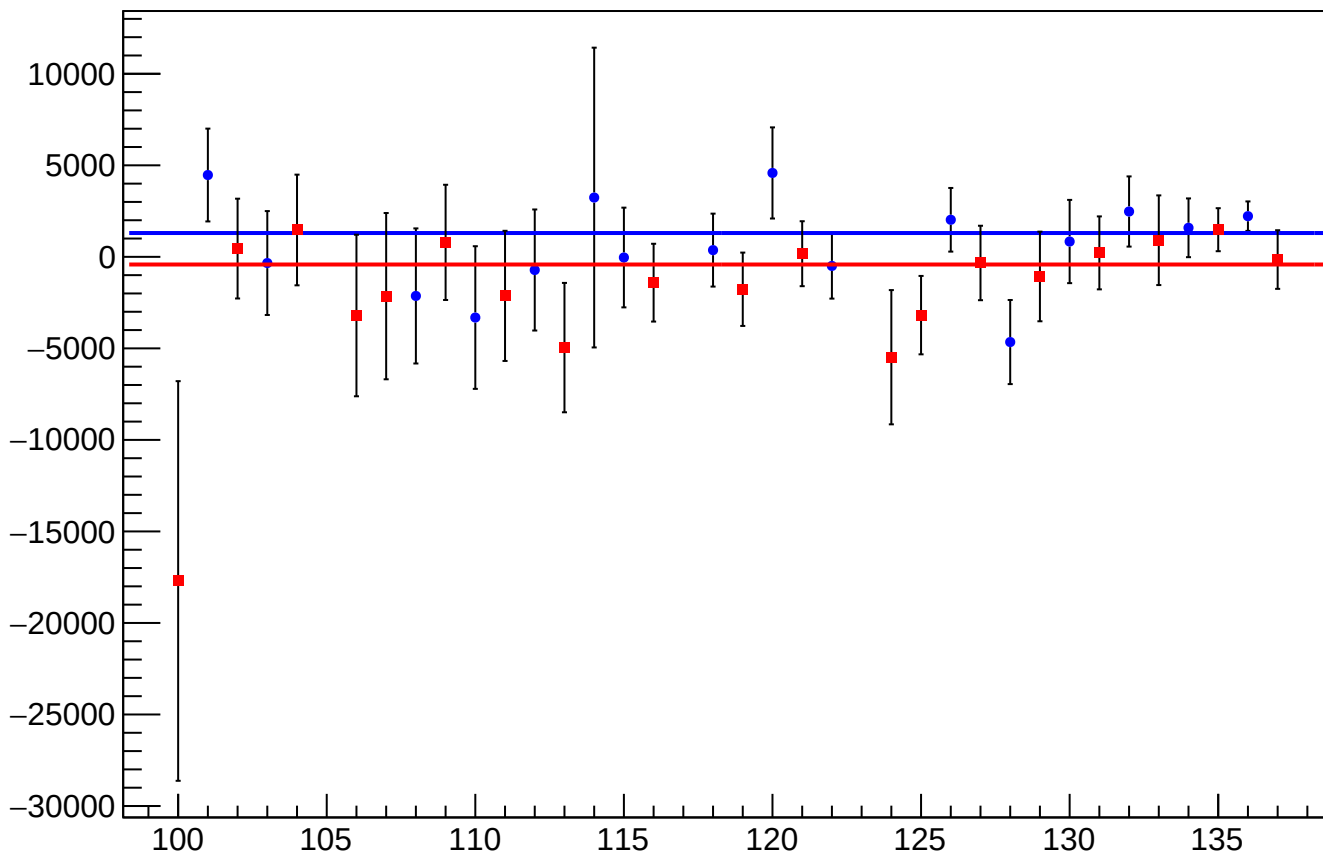
Right: 1275.168+/-0.253 χ^2/NDF : 3999620.7/34

In: 1224.470+/-0.347 χ^2/NDF : 1959341.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1275.168+/-0.253 χ^2/NDF : 3999620.7/34

asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 1301.623+/-481.959 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -418.283+/-524.515 χ^2/NDF : 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

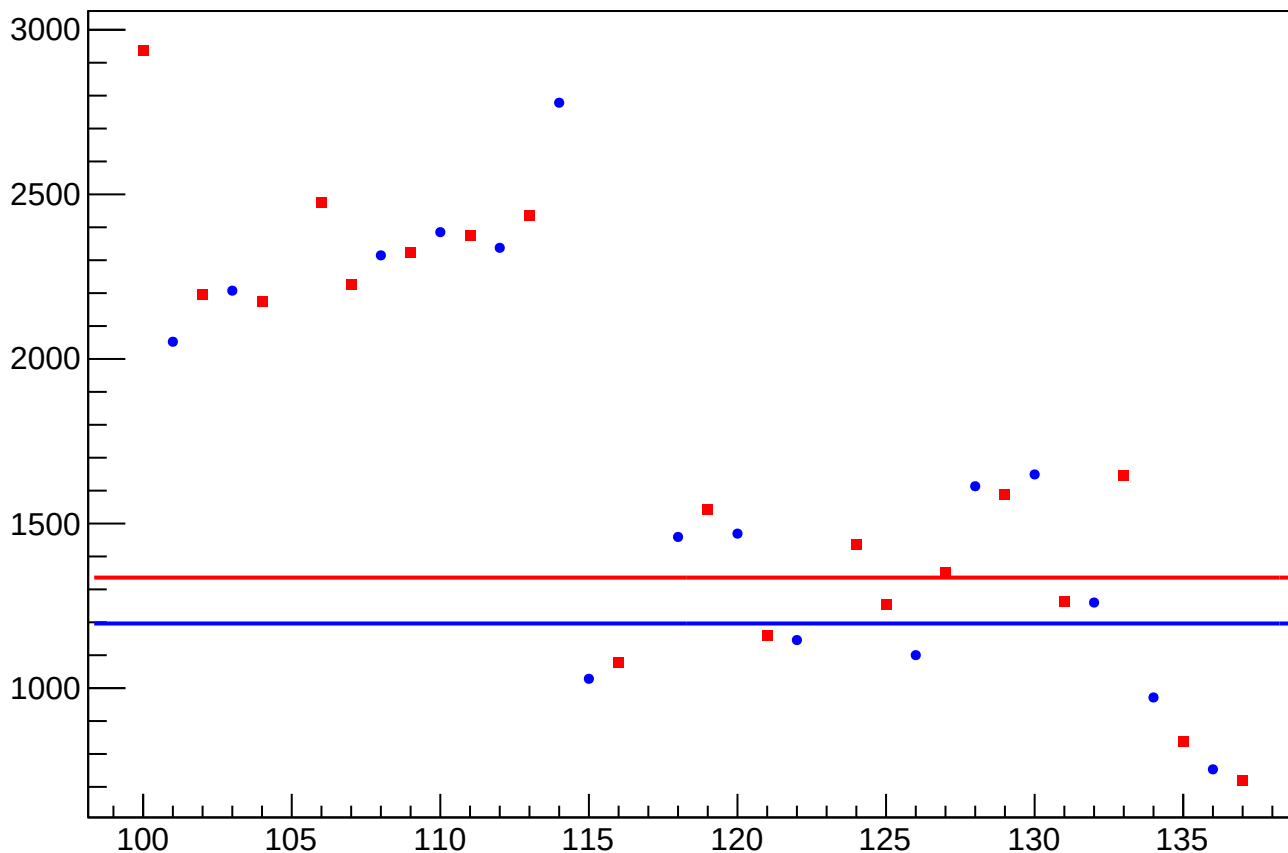
Right: 514.263+/-354.889 χ^2/NDF : 35.3/34

In: 1301.623+/-481.959 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.263+/-354.889 χ^2/NDF : 35.3/34

asym_sam_26_avg_rms vs Slug, Sign Corrected



Right In: 1196.353+/-0.341 χ^2/NDF : 2031710.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1335.809+/-0.371 χ^2/NDF : 1951472.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

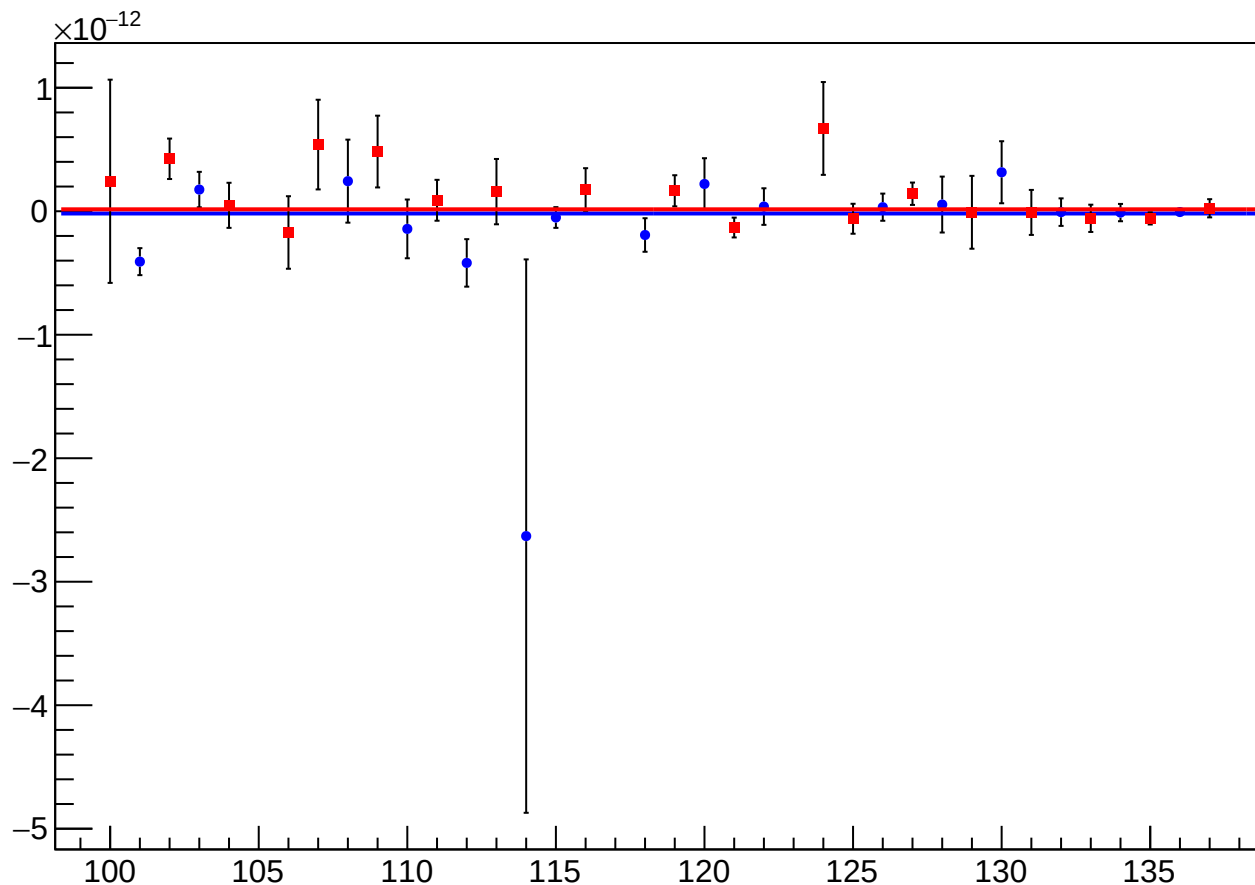
Right: 1260.195+/-0.251 χ^2/NDF : 4059839.9/34

In: 1196.353+/-0.341 χ^2/NDF : 2031710.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.195+/-0.251 χ^2/NDF : 4059839.9/34

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 26.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 25.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

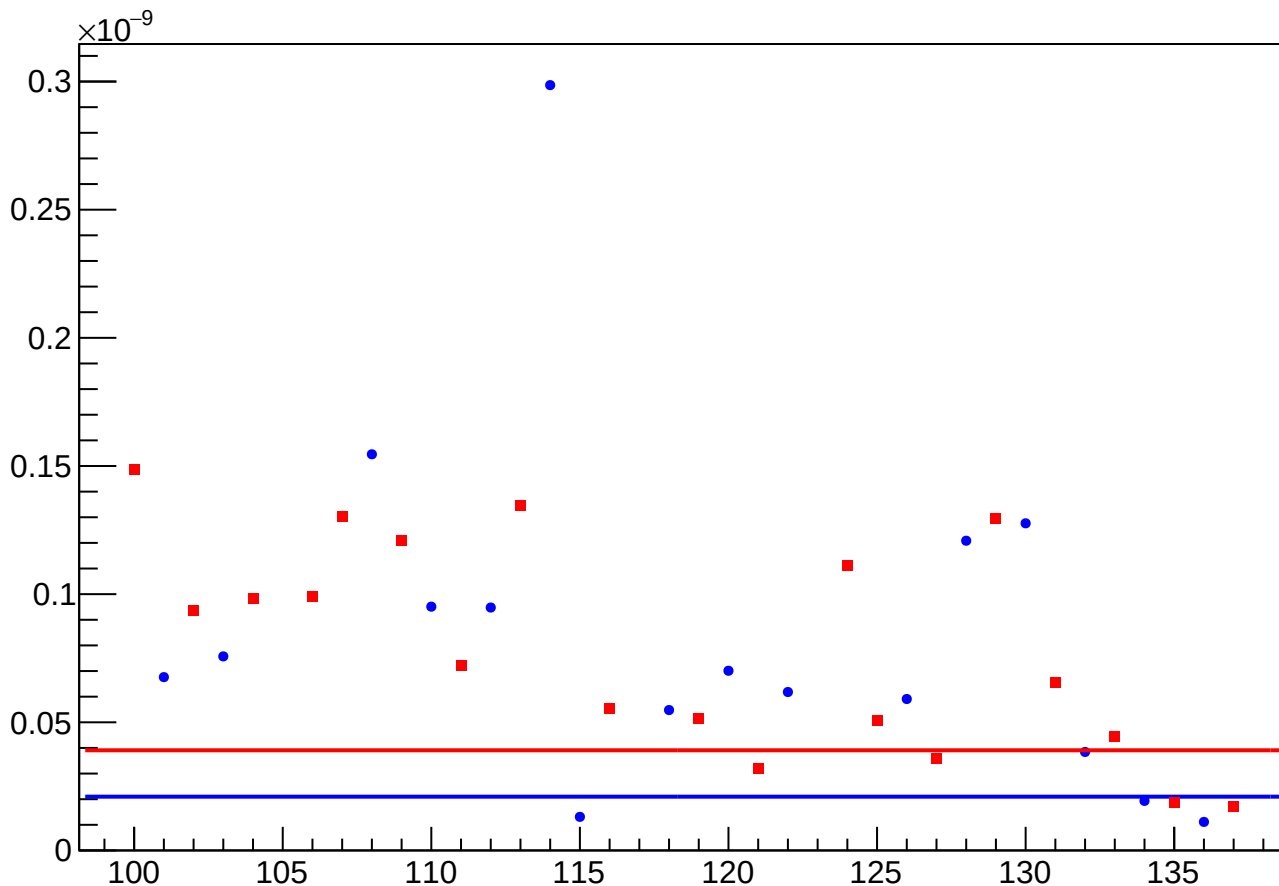
Right: -0.000+/-0.000 χ^2 /NDF: 53.5/34

In: -0.000+/-0.000 χ^2 /NDF:26.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 53.5/34

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3380958.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2073862.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

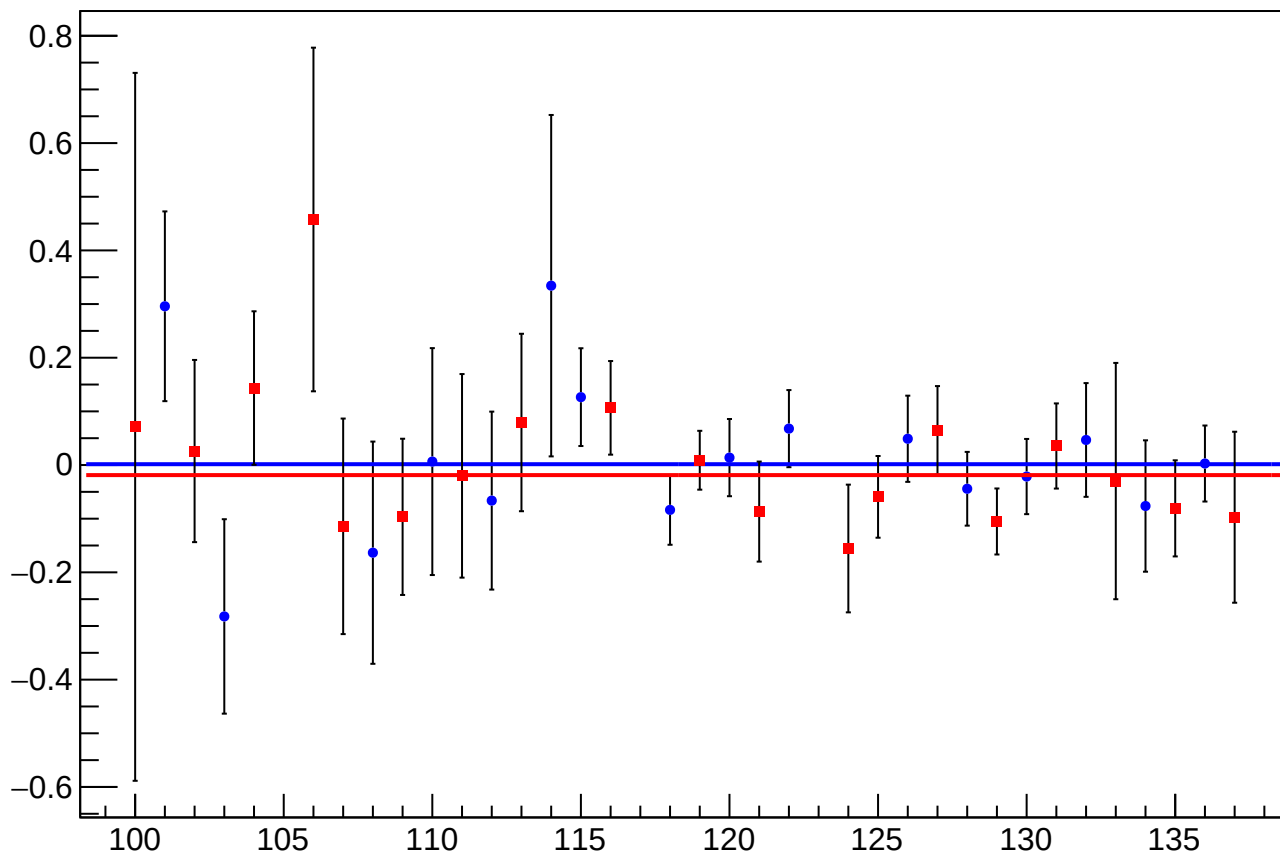
Right: 0.000+/-0.000 χ^2/NDF : 6062420.5/34

In: 0.000+/-0.000 χ^2/NDF : 3380958.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6062420.5/34

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.024 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

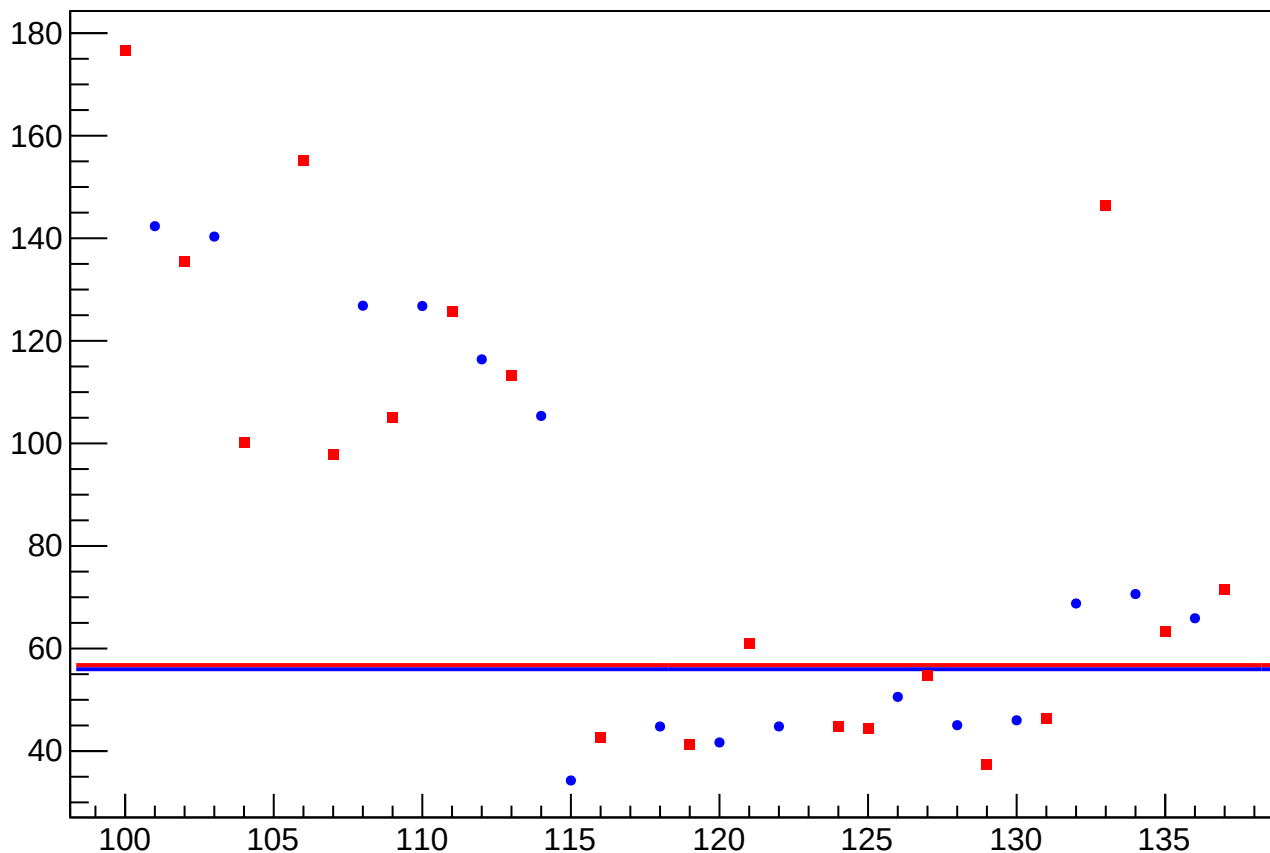
Right: -0.009+/-0.017 χ^2/NDF : 26.6/34

In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.017 χ^2/NDF : 26.6/34

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.770+/-0.017 χ^2/NDF : 2553223.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

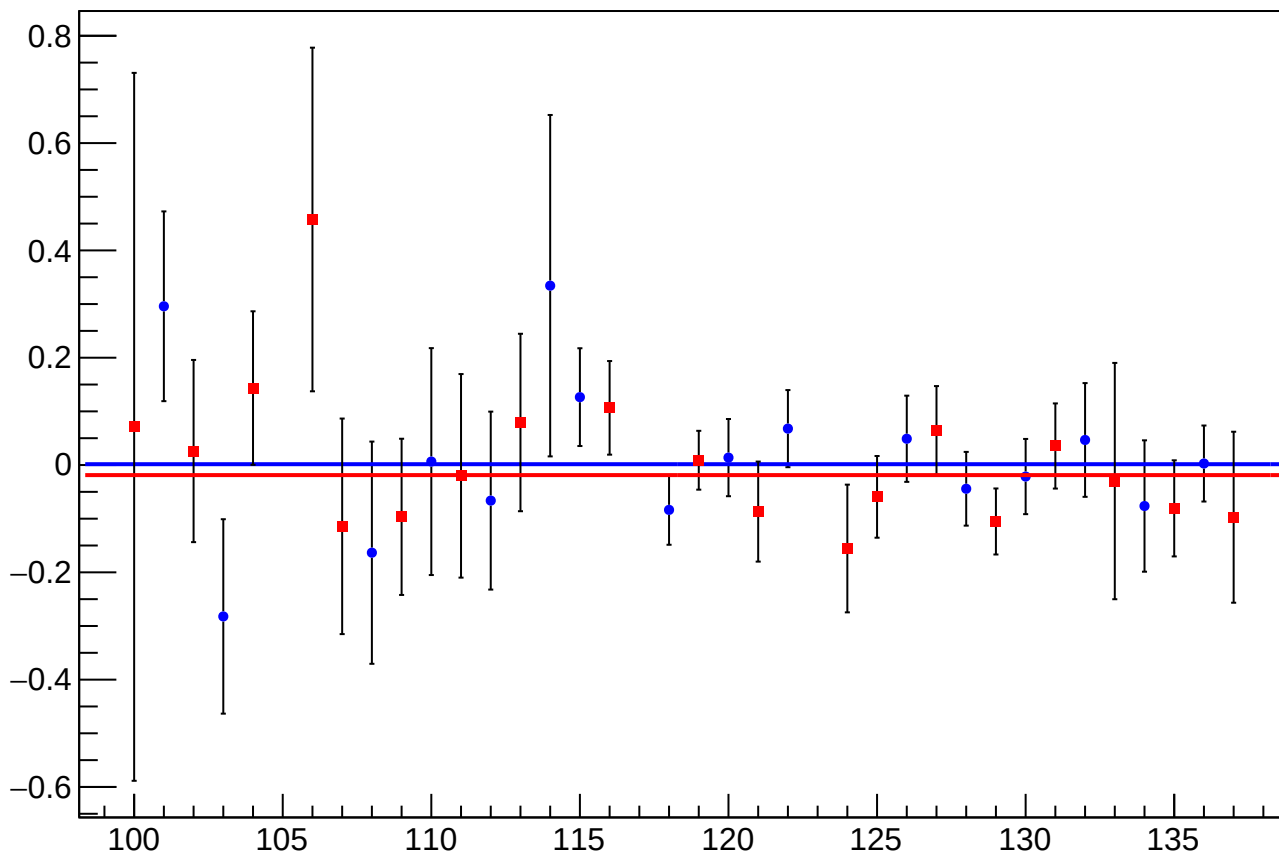
Right: 56.368+/-0.012 χ^2/NDF : 4734221.0/34

In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.368+/-0.012 χ^2/NDF : 4734221.0/34

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.024 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

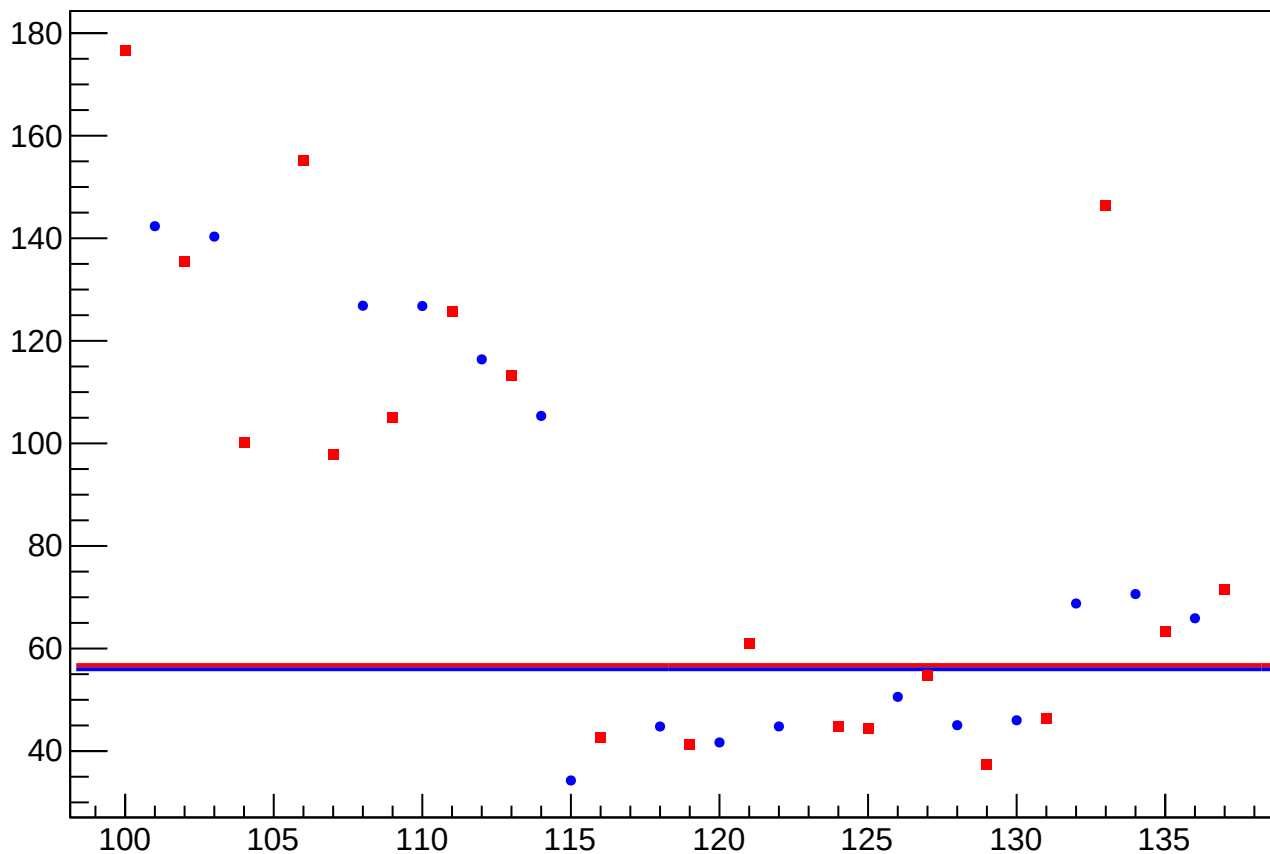
Right: -0.009+/-0.017 χ^2/NDF : 26.6/34

In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.017 χ^2/NDF : 26.6/34

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.770+/-0.017 χ^2/NDF : 2553223.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

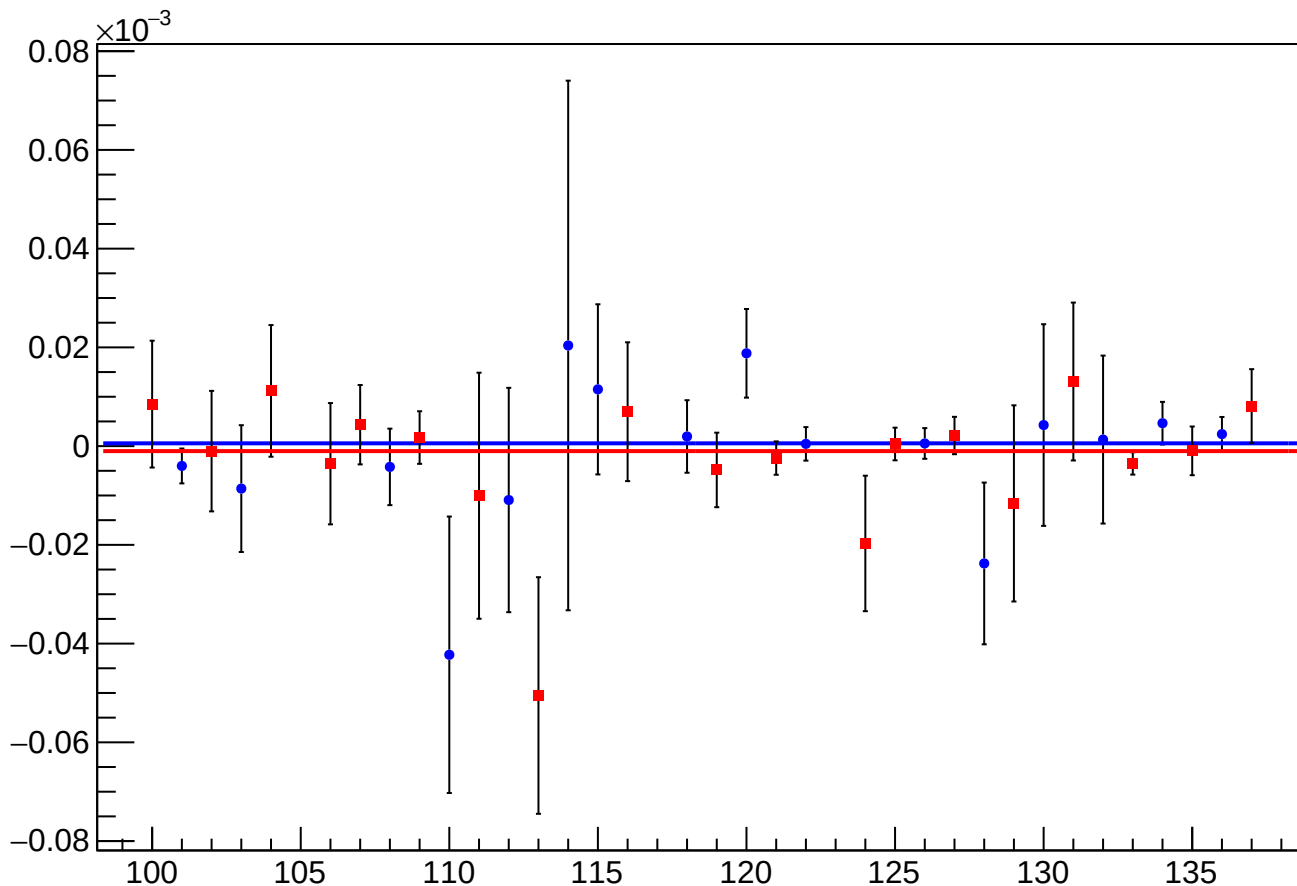
Right: 56.368+/-0.012 χ^2/NDF : 4734221.0/34

In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.368+/-0.012 χ^2/NDF : 4734221.0/34

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

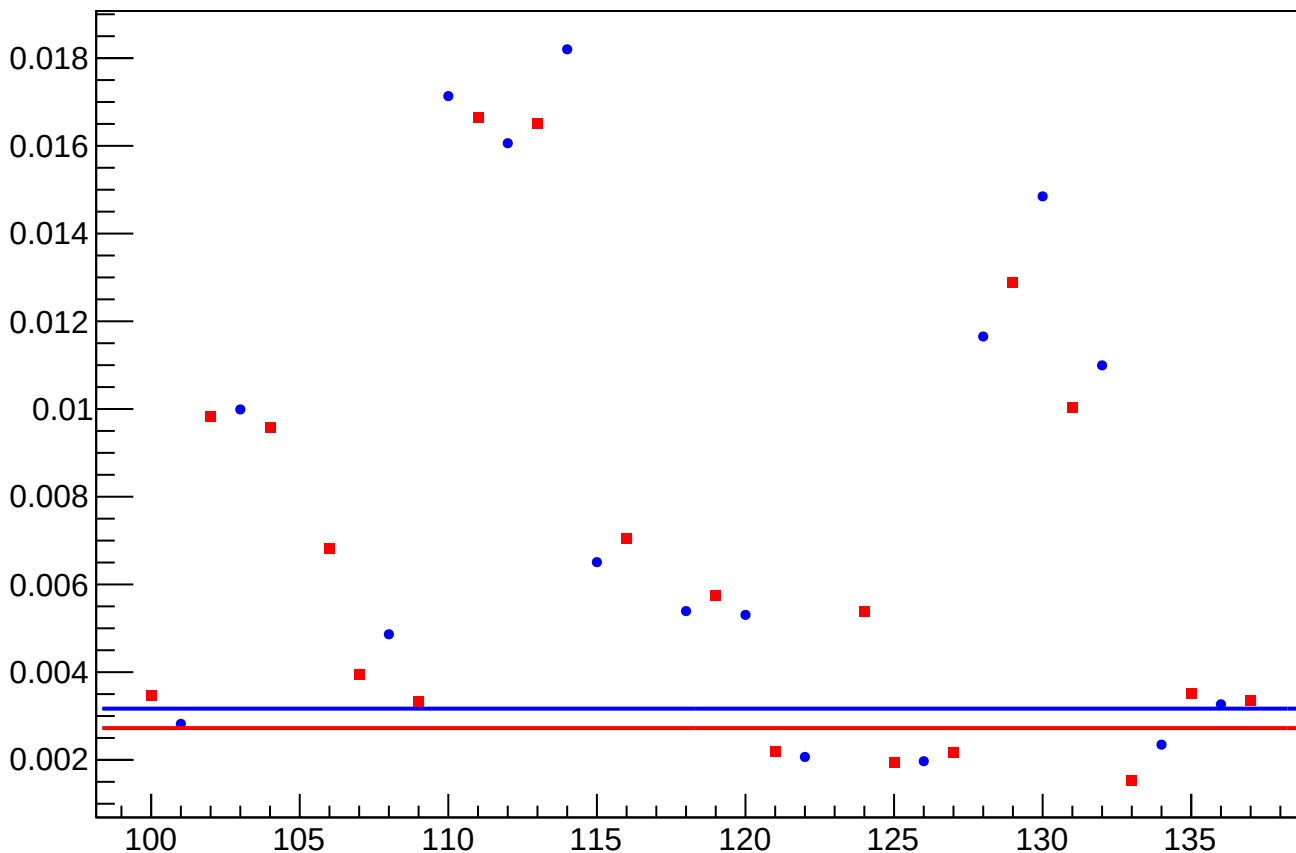
Right: -0.000+/-0.000 χ^2/NDF : 27.8/34

In: 0.000+/-0.000 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/34

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 4545616.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5153213.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

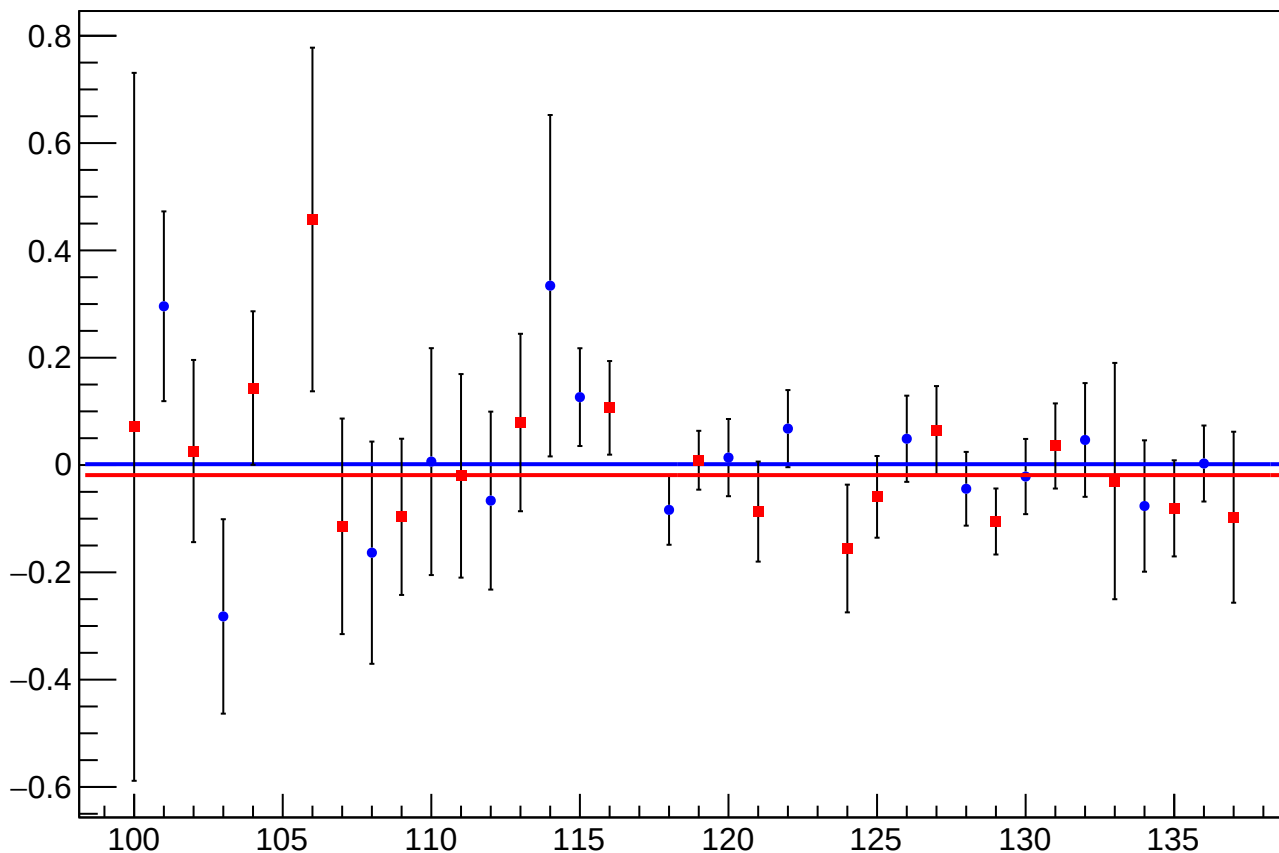
Right: 0.003+/-0.000 χ^2/NDF : 9804761.7/34

In: 0.003+/-0.000 χ^2/NDF :4545616.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9804761.7/34

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.024 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

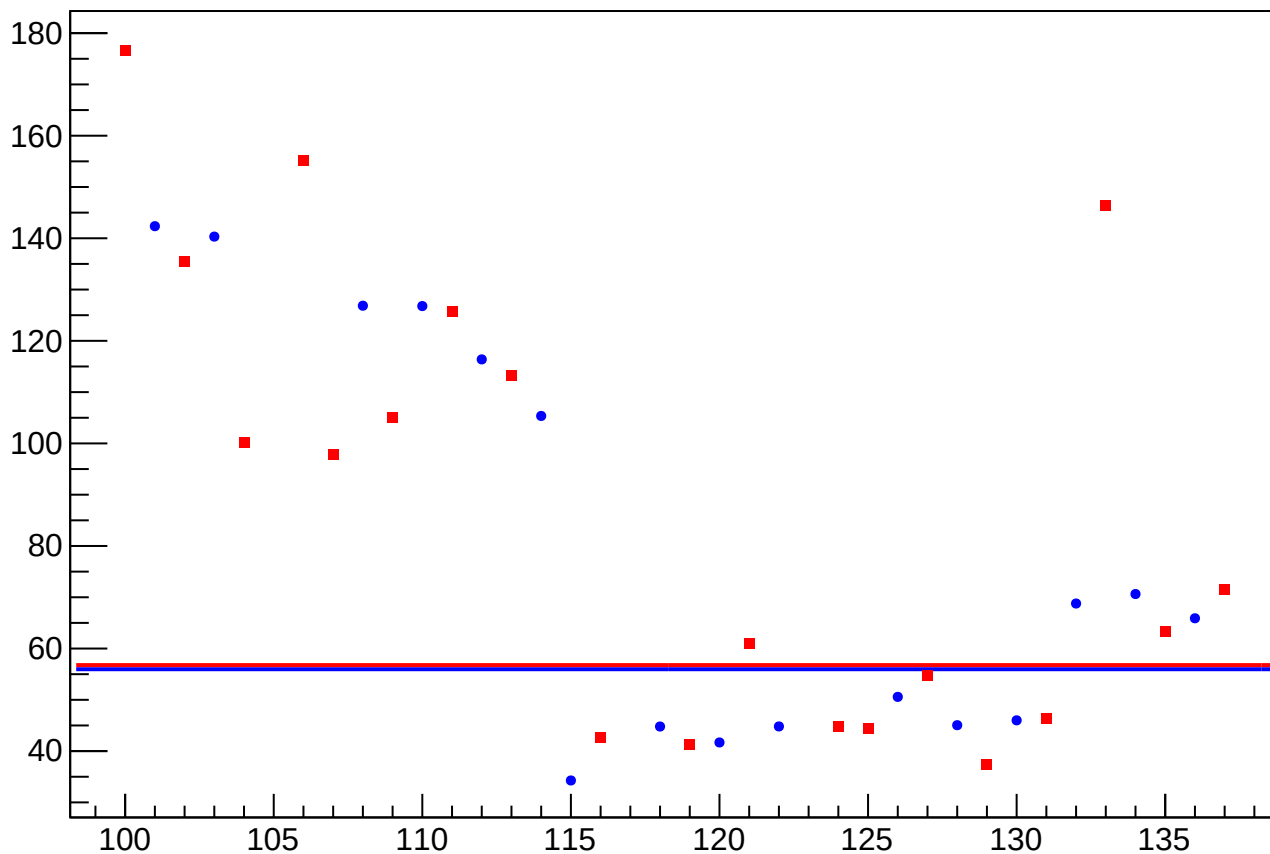
Right: -0.009+/-0.017 χ^2/NDF : 26.6/34

In: 0.002+/-0.023 χ^2/NDF : 13.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.017 χ^2/NDF : 26.6/34

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.968+/-0.017 χ^2/NDF : 2179757.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 56.770+/-0.017 χ^2/NDF : 2553168.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

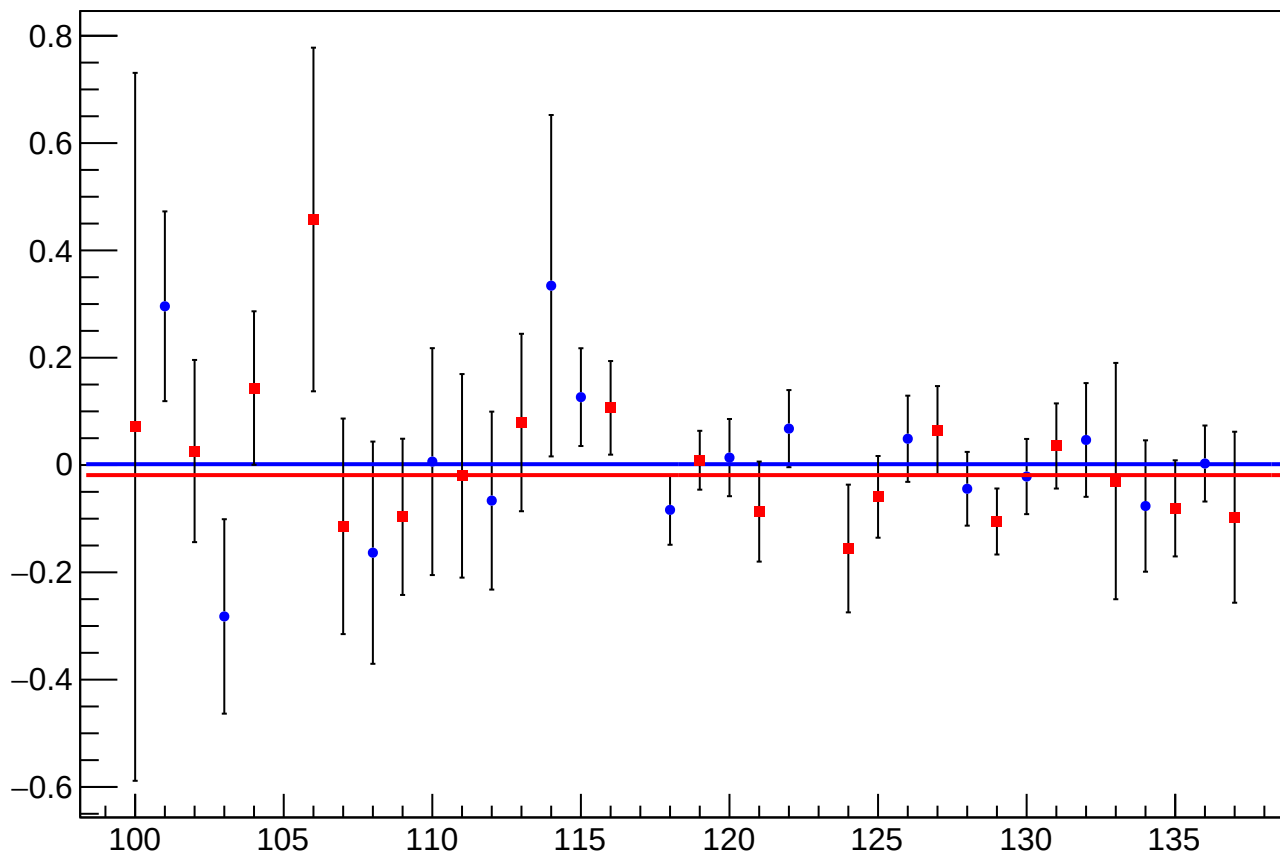
Right: 56.367+/-0.012 χ^2/NDF : 4734093.5/34

In: 55.968+/-0.017 χ^2/NDF :2179757.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.367+/-0.012 χ^2/NDF : 4734093.5/34

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.002 $\pm$ 0.023 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.024 χ^2 /NDF: 13.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

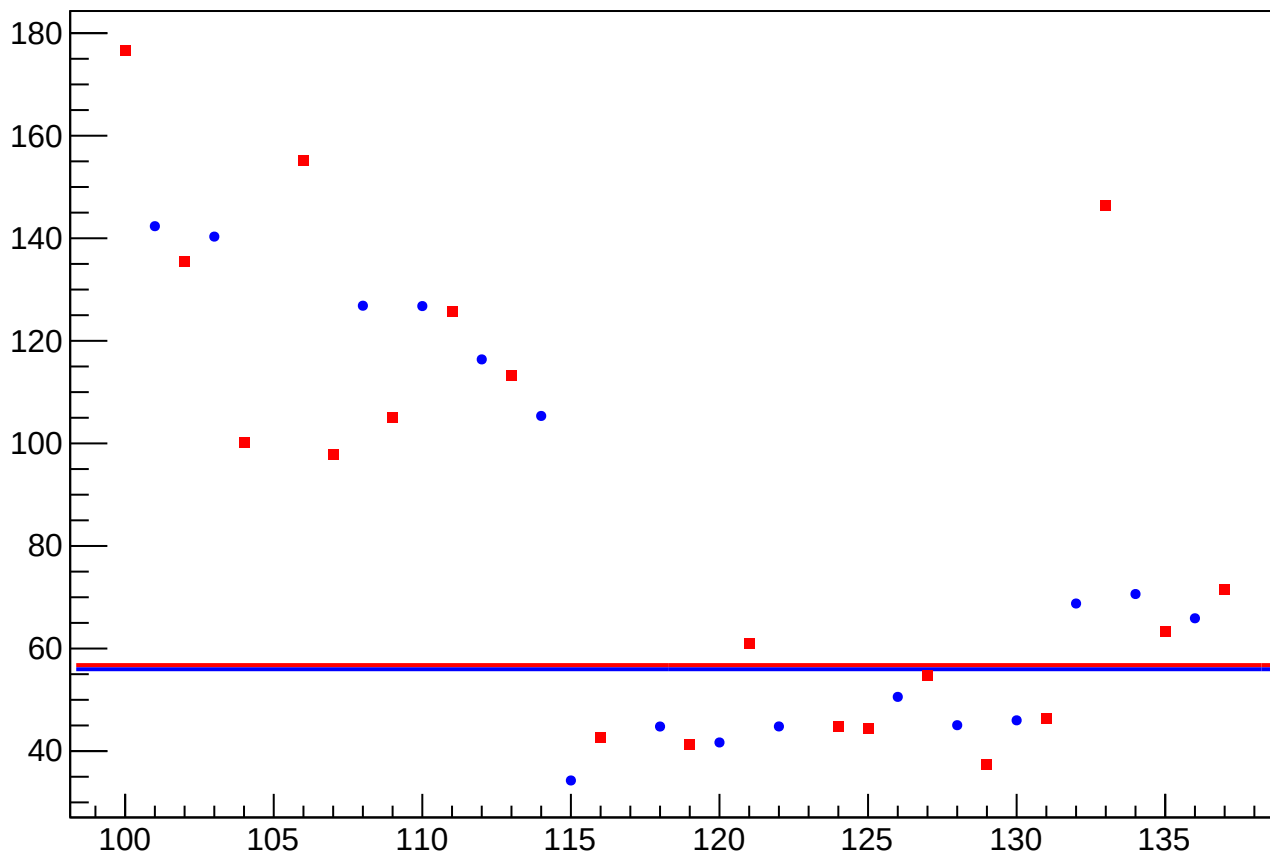
Right: -0.009 $\pm$ 0.017 χ^2 /NDF: 26.6/34

In: 0.002 $\pm$ 0.023 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.017 χ^2 /NDF: 26.6/34

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 55.968+/-0.017 χ^2/NDF : 2179757.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 56.770+/-0.017 χ^2/NDF : 2553168.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

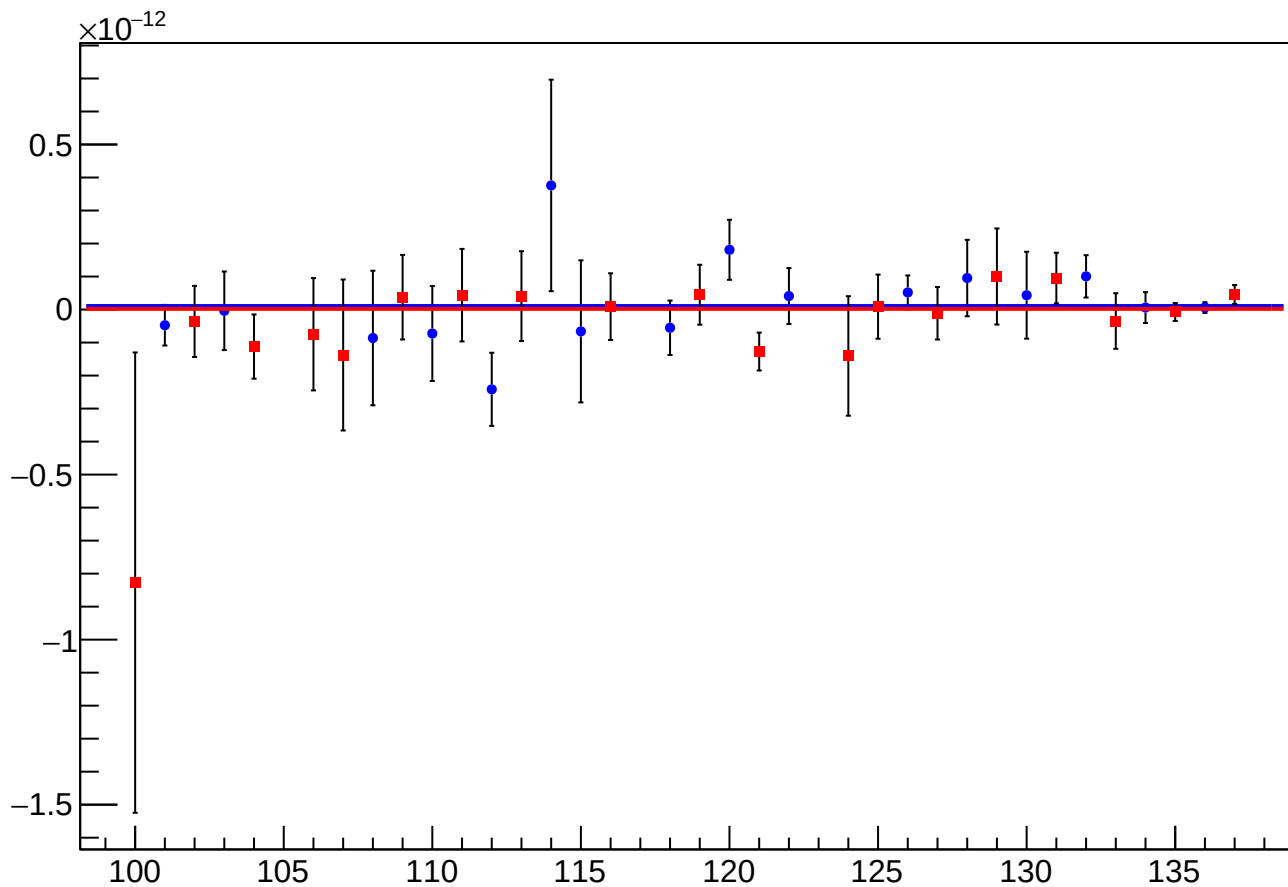
Right: 56.367+/-0.012 χ^2/NDF : 4734093.5/34

In: 55.968+/-0.017 χ^2/NDF :2179757.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 56.367+/-0.012 χ^2/NDF : 4734093.5/34

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

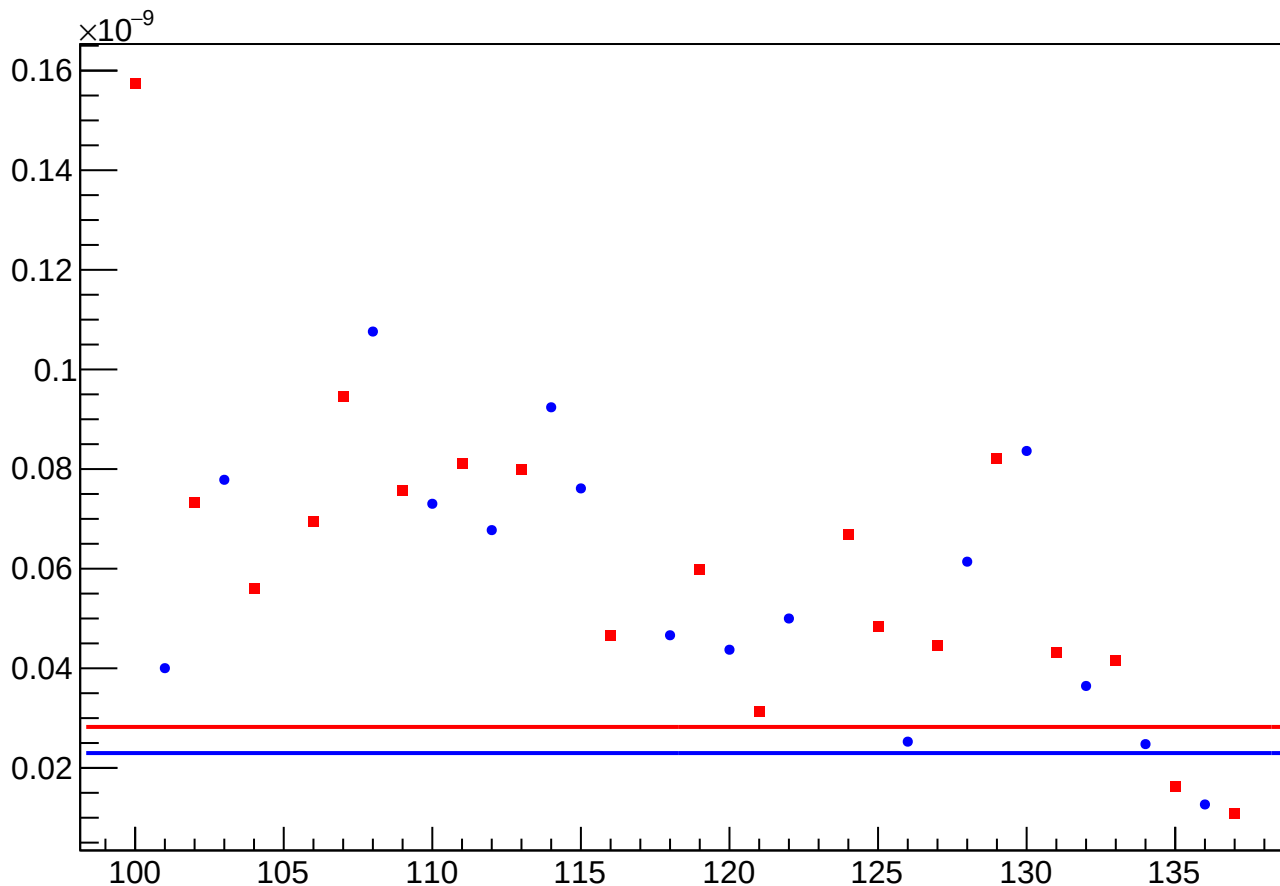
Right: 0.000+/-0.000 χ^2/NDF : 30.1/34

In: 0.000+/-0.000 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/34

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3731982.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3820523.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

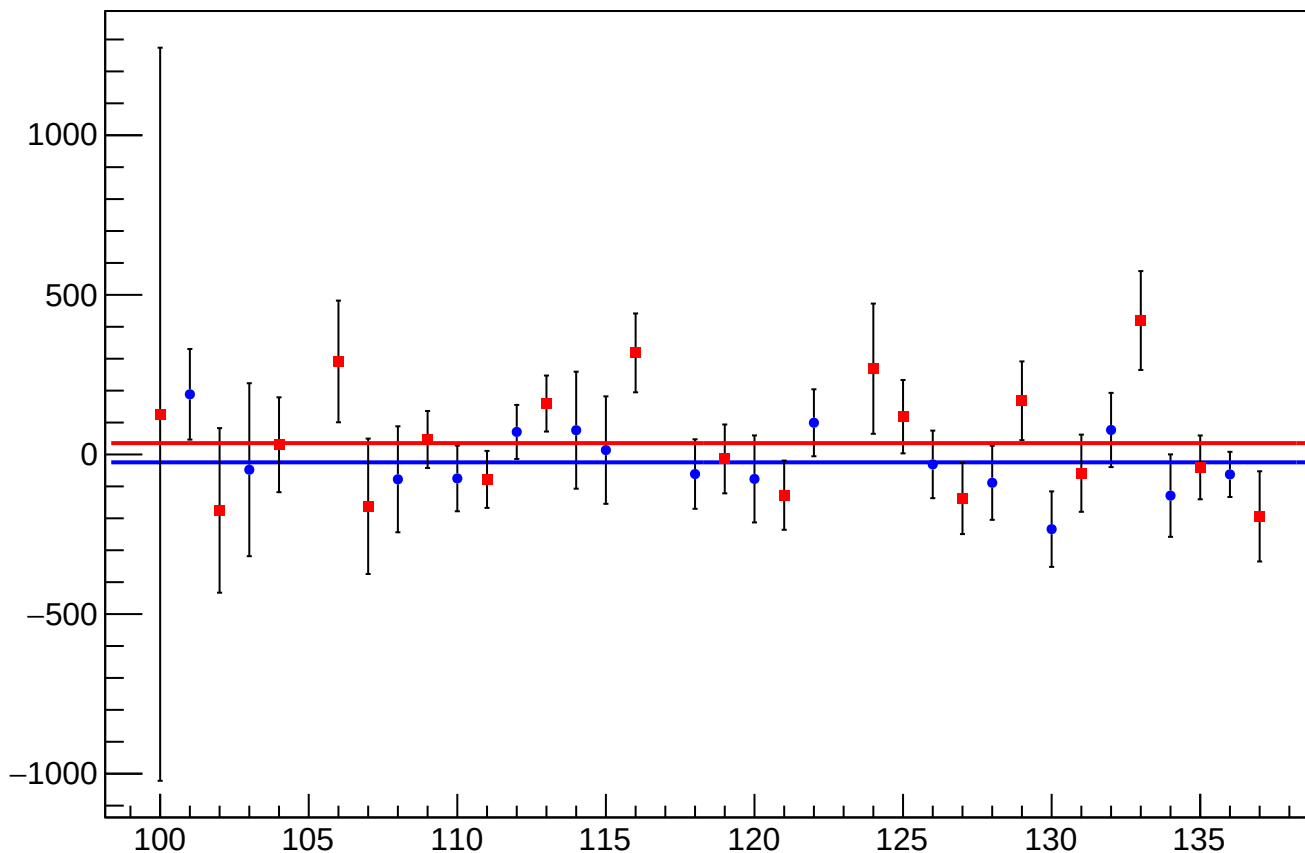
Right: 0.000+/-0.000 χ^2/NDF : 7687404.1/34

In: 0.000+/-0.000 χ^2/NDF : 3731982.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7687404.1/34

reg_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.632 ± 28.913 χ^2/NDF : 11.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.582 ± 28.454 χ^2/NDF : 30.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

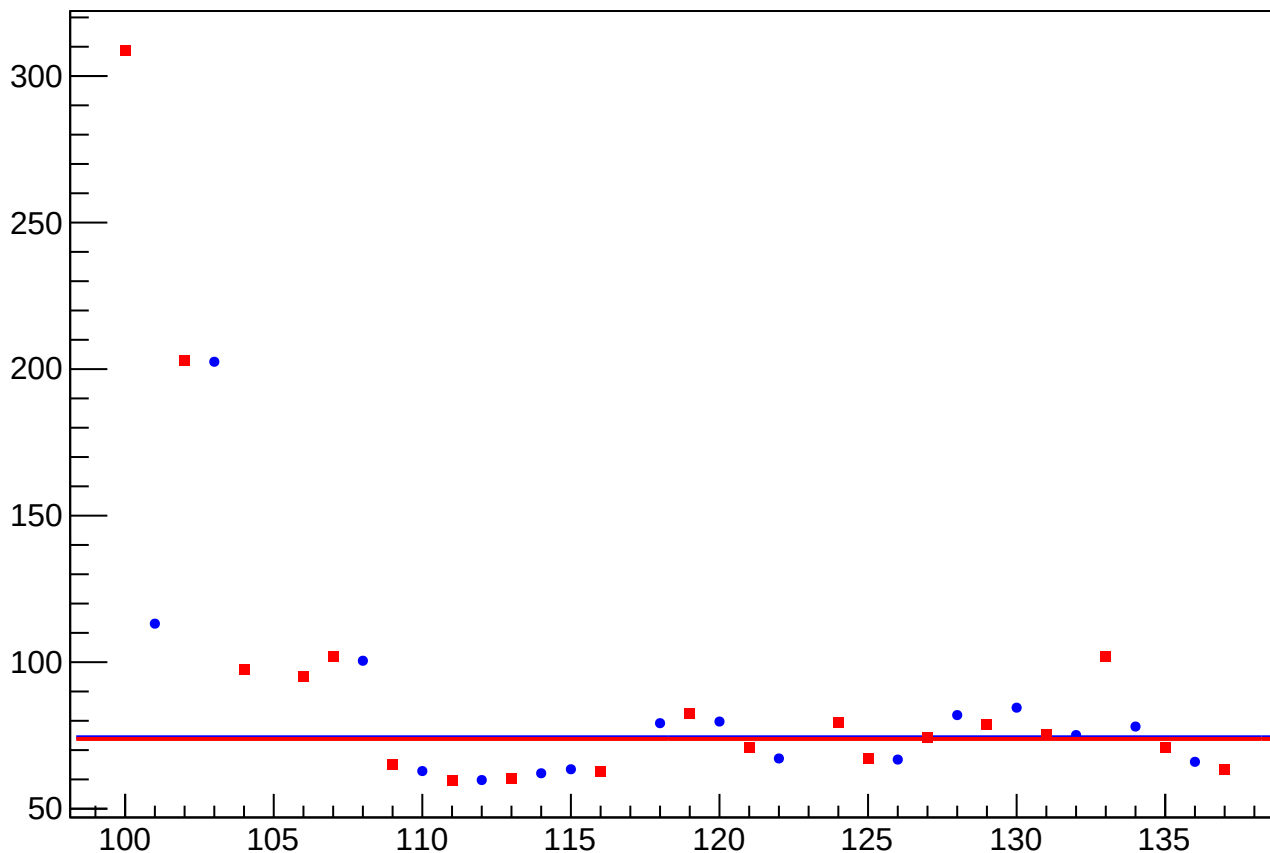
Right: 5.956 ± 20.280 χ^2/NDF : 43.3/34

In: -24.632 ± 28.913 χ^2/NDF : 11.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.956 ± 20.280 χ^2/NDF : 43.3/34

reg_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 74.369+/-0.020 χ^2/NDF : 827583.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.815+/-0.020 χ^2/NDF : 931949.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

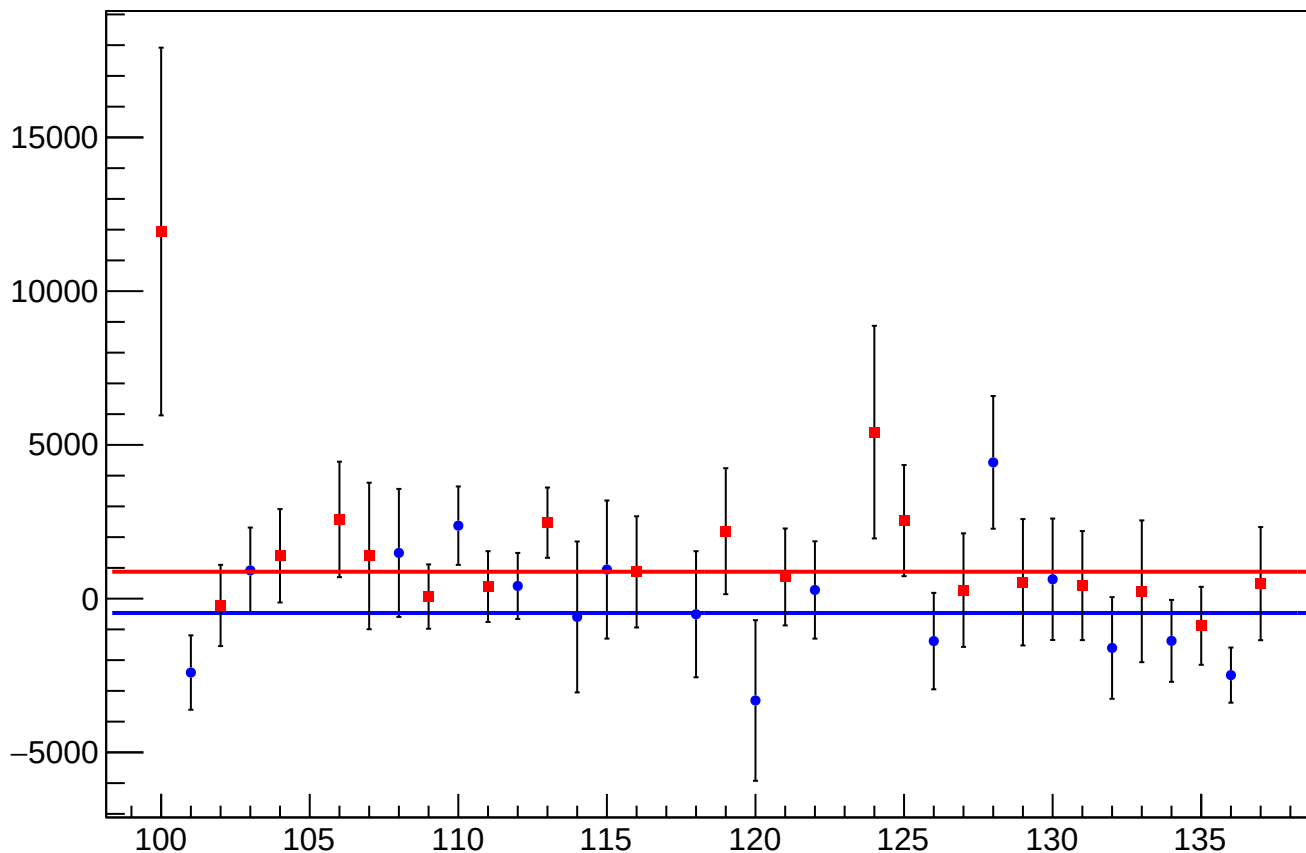
Right: 74.088+/-0.014 χ^2/NDF : 1759905.2/34

In: 74.369+/-0.020 χ^2/NDF : 827583.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.088+/-0.014 χ^2/NDF : 1759905.2/34

asym_sam_37_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -466.524+/-375.030 χ^2/NDF : 23.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 875.351+/-372.239 χ^2/NDF : 13.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

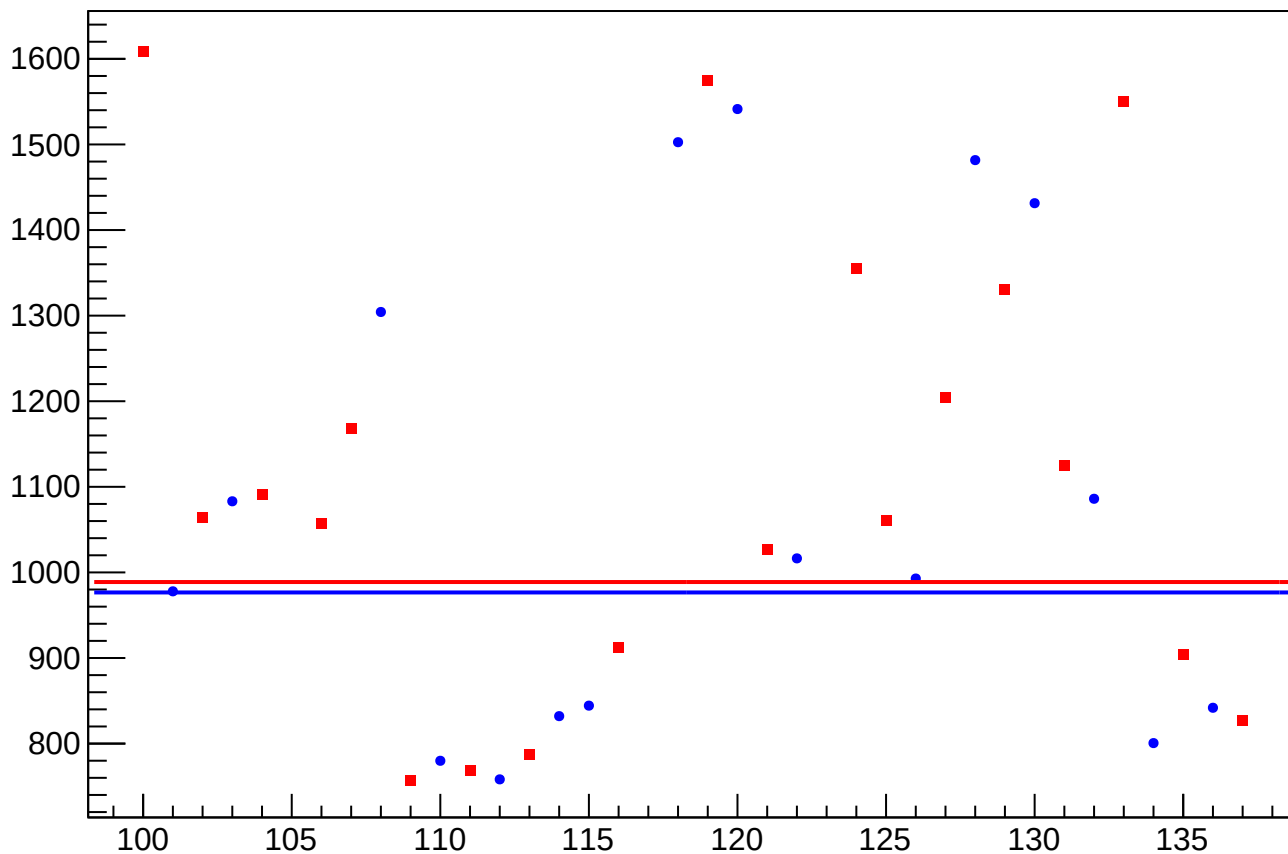
Right: 209.426+/-264.194 χ^2/NDF : 43.2/34

In: -466.524+/-375.030 χ^2/NDF :23.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 209.426+/-264.194 χ^2/NDF : 43.2/34

asym_sam_37_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 976.583+/-0.265 χ^2/NDF : 736605.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 988.763+/-0.263 χ^2/NDF : 715703.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

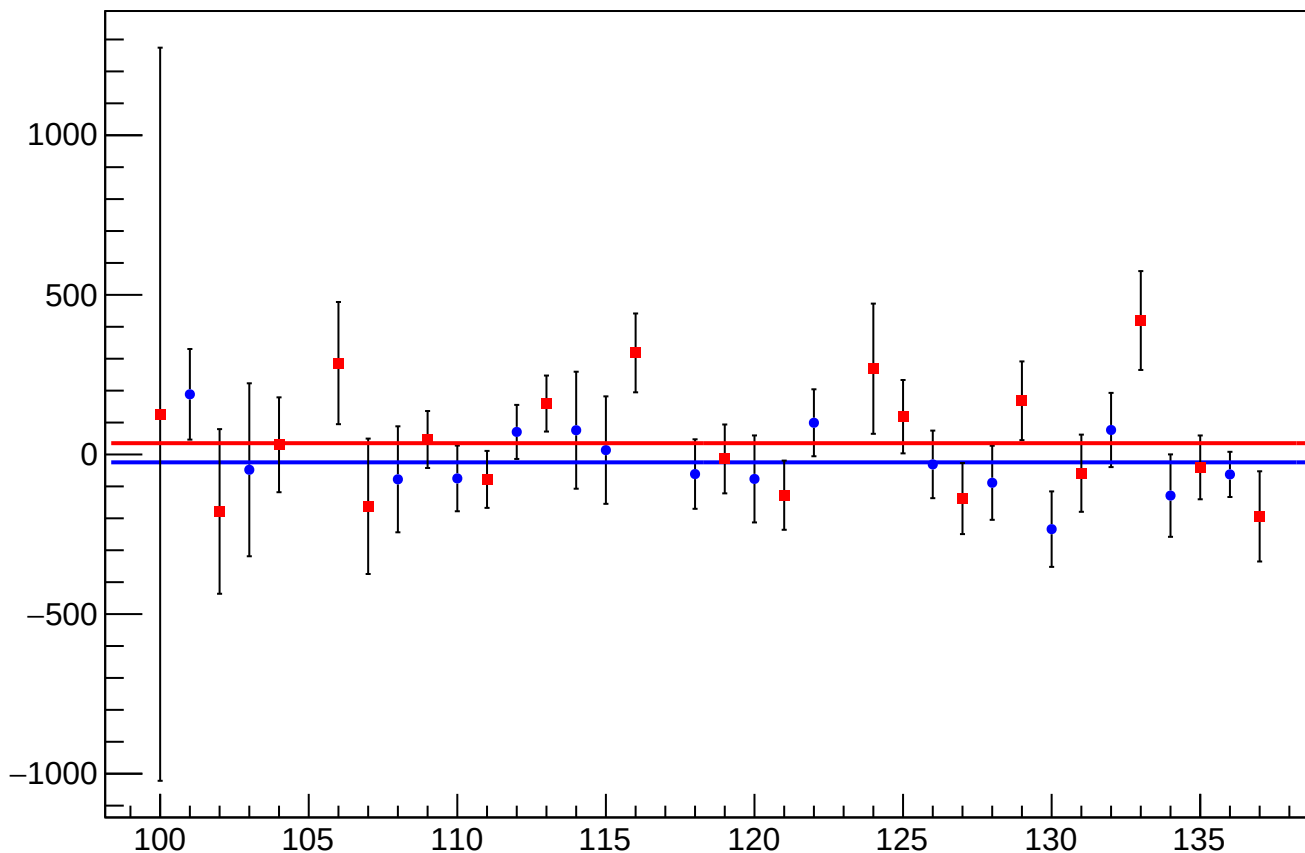
Right: 982.718+/-0.187 χ^2/NDF : 1453371.3/34

In: 976.583+/-0.265 χ^2/NDF : 736605.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 982.718+/-0.187 χ^2/NDF : 1453371.3/34

cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.640+/-28.913 χ^2 /NDF: 11.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 35.383+/-28.457 χ^2 /NDF: 30.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

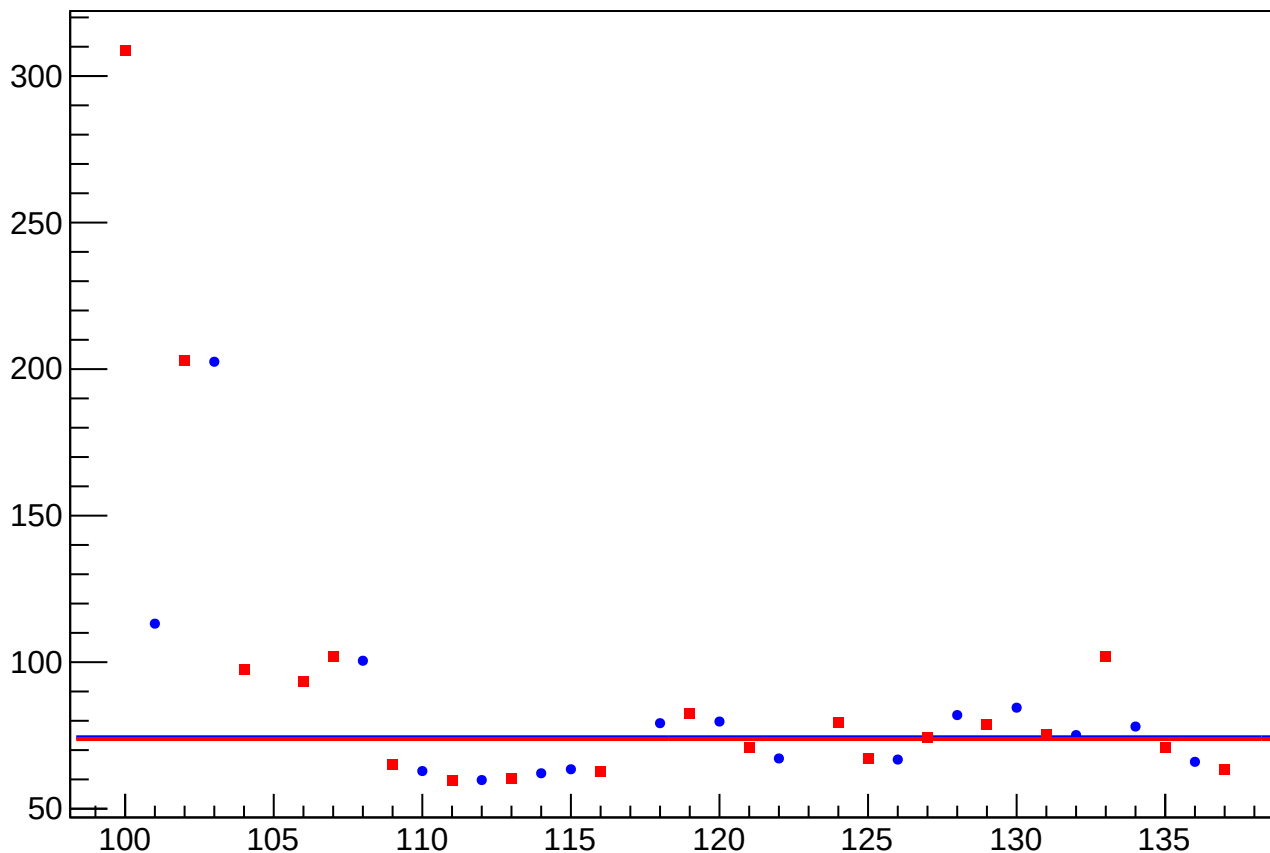
Right: 5.848+/-20.281 χ^2 /NDF: 43.2/34

In: -24.640+/-28.913 χ^2 /NDF:11.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5.848+/-20.281 χ^2 /NDF: 43.2/34

cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.773+/-0.020 χ^2/NDF : 928163.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

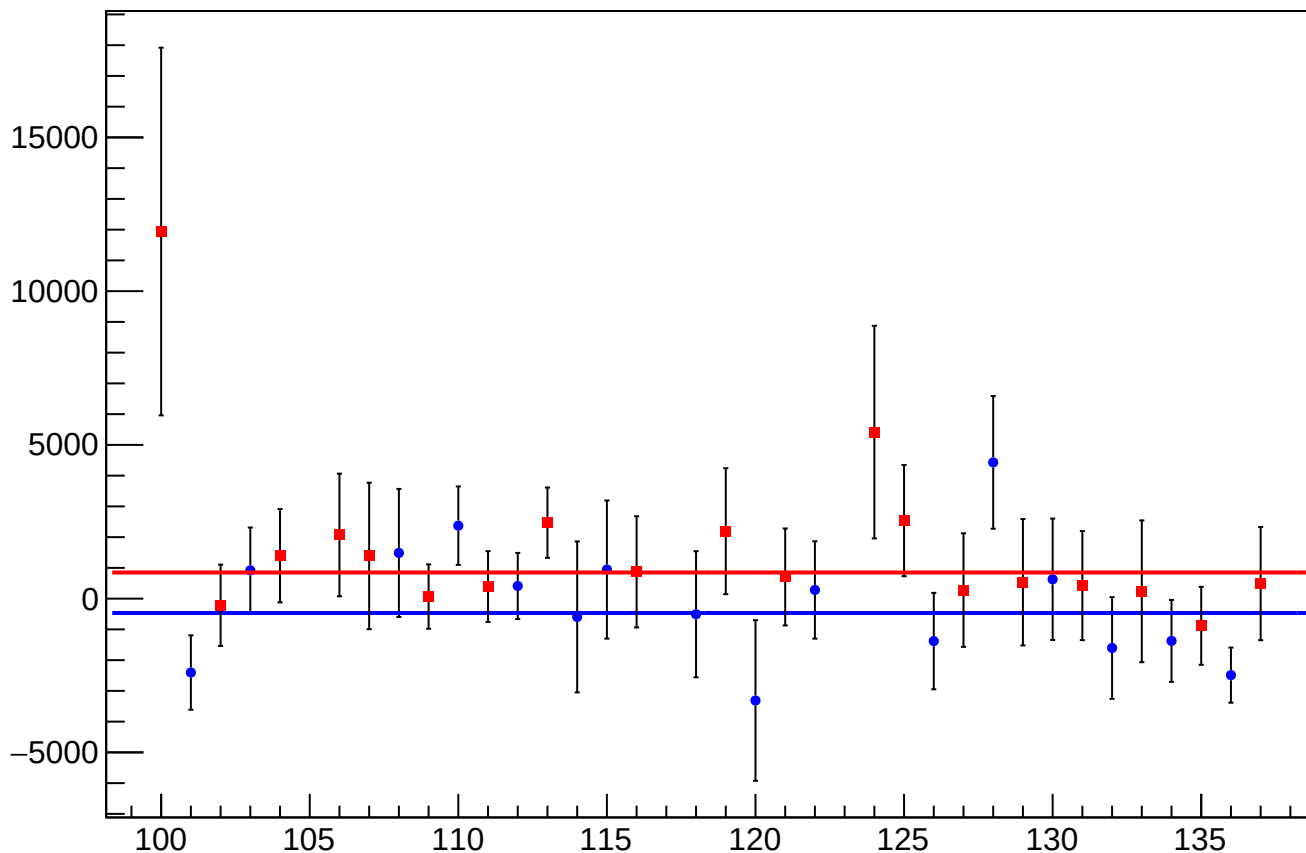
Right: 74.066+/-0.014 χ^2/NDF : 1756180.6/34

In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.066+/-0.014 χ^2/NDF : 1756180.6/34

asym_sam_37_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.757+/-373.092 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

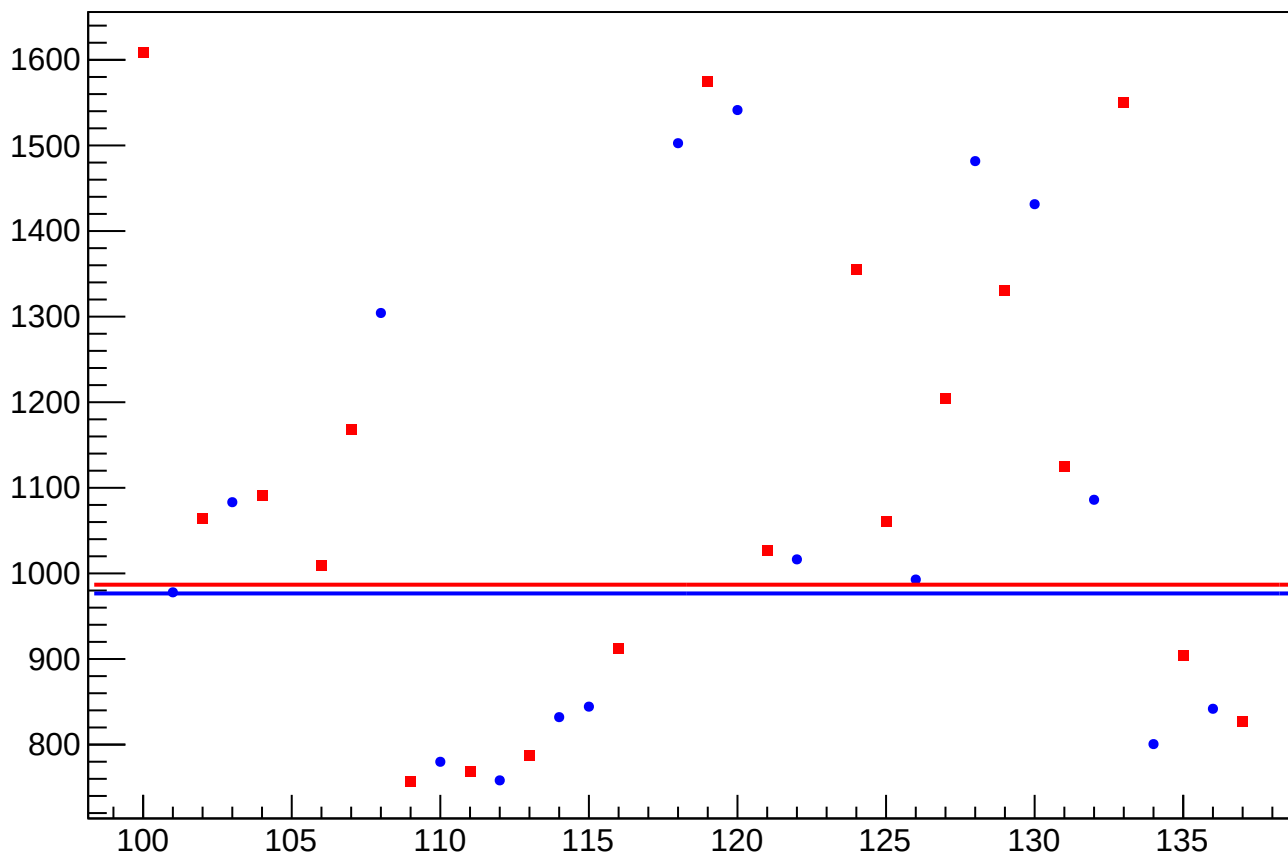
Right: 195.541+/-264.500 χ^2/NDF : 42.5/34

In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.541+/-264.500 χ^2/NDF : 42.5/34

asym_sam_37_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 986.823+/-0.264 χ^2/NDF : 713316.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

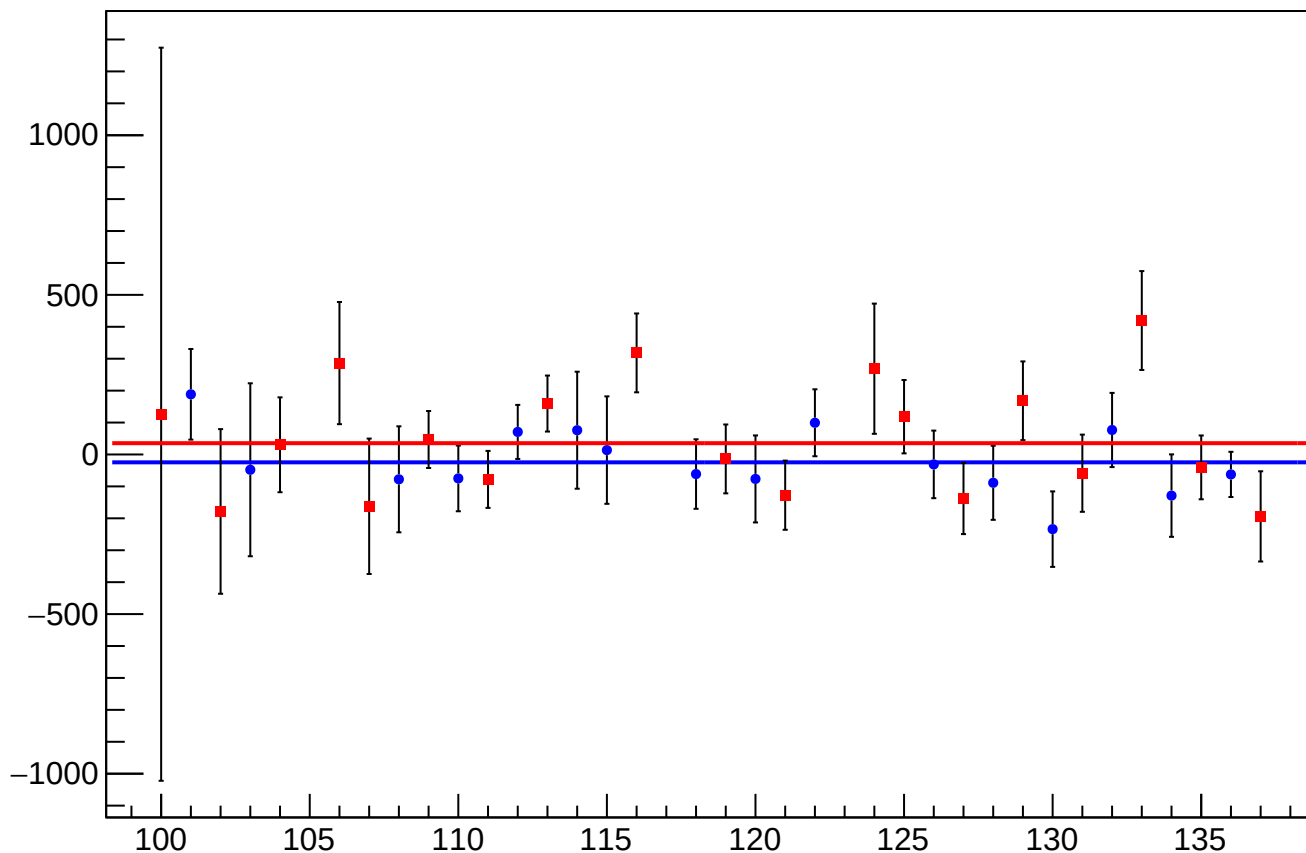
Right: 981.733+/-0.187 χ^2/NDF : 1450693.2/34

In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.733+/-0.187 χ^2/NDF : 1450693.2/34

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.640 ± 28.913 χ^2/NDF : 11.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 35.383 ± 28.457 χ^2/NDF : 30.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

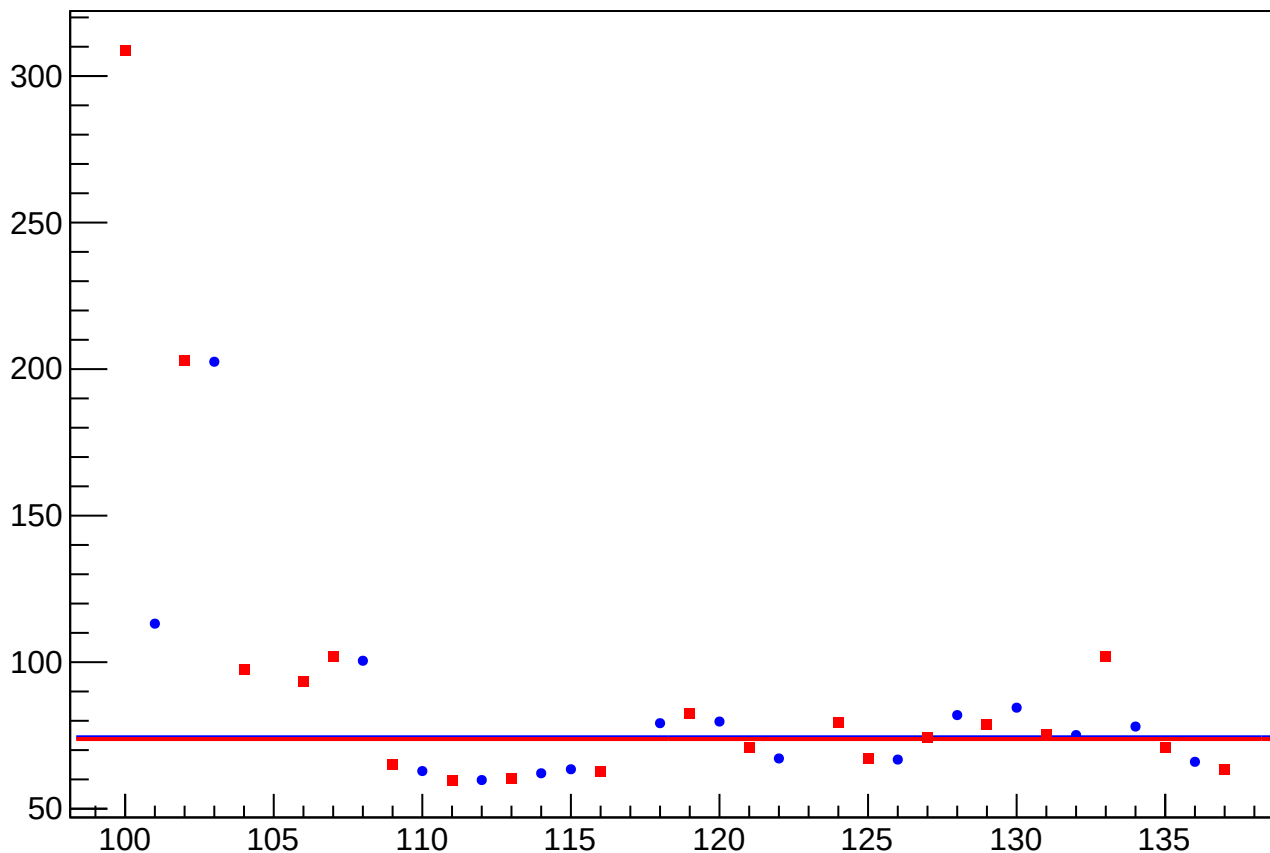
Right: 5.848 ± 20.281 χ^2/NDF : 43.2/34

In: -24.640 ± 28.913 χ^2/NDF : 11.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 5.848 ± 20.281 χ^2/NDF : 43.2/34

eigen_cor_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.773+/-0.020 χ^2/NDF : 928163.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

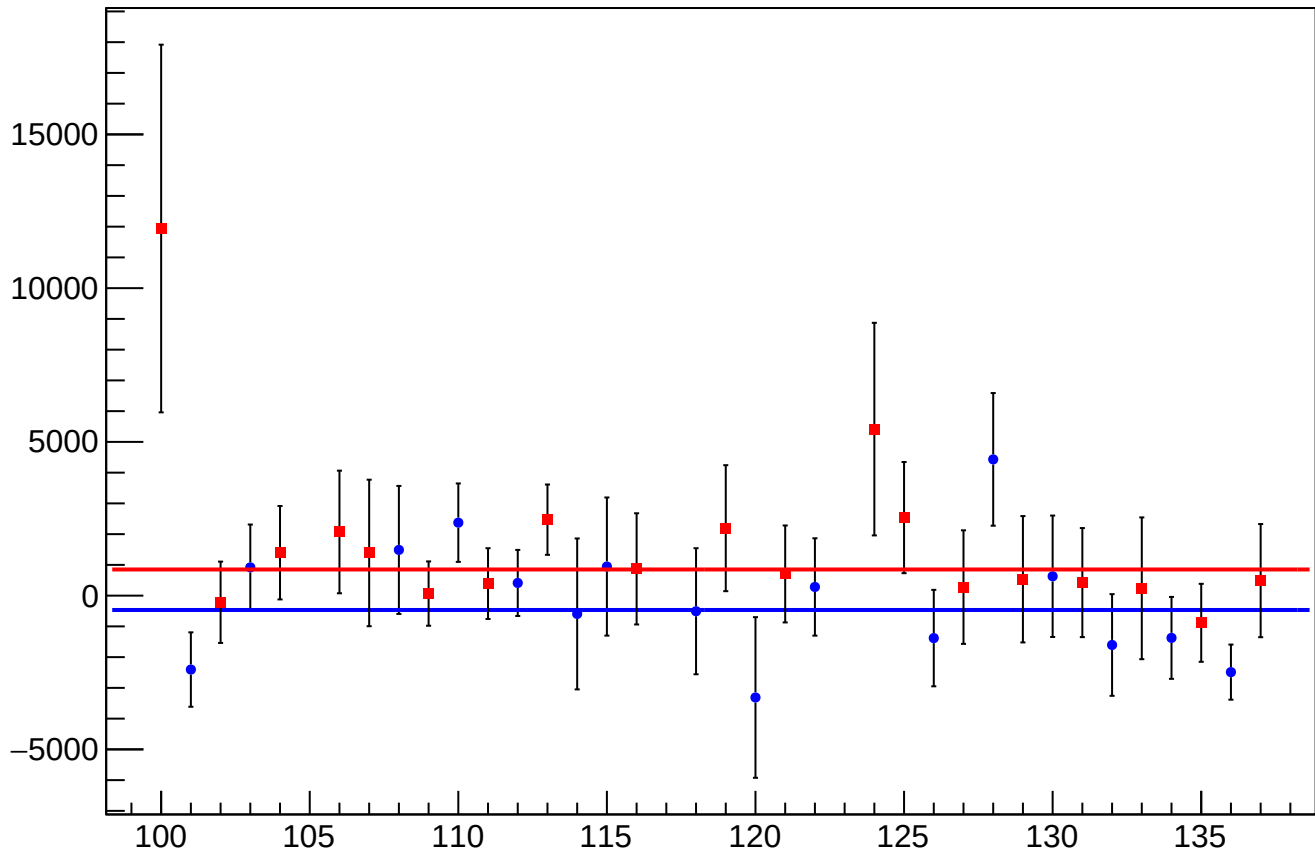
Right: 74.066+/-0.014 χ^2/NDF : 1756180.6/34

In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.066+/-0.014 χ^2/NDF : 1756180.6/34

asym_sam_37_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 850.757+/-373.092 χ^2/NDF : 12.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

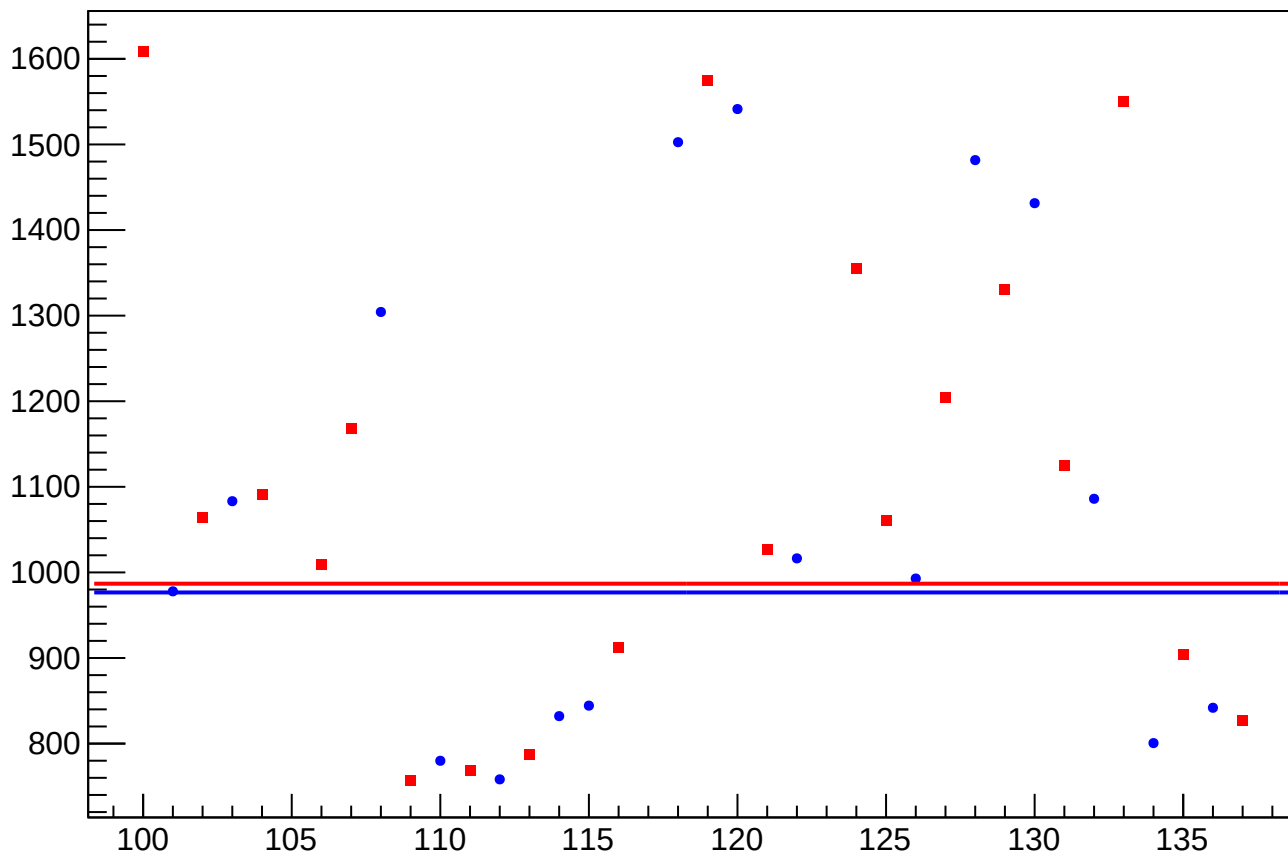
Right: 195.541+/-264.500 χ^2/NDF : 42.5/34

In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.541+/-264.500 χ^2/NDF : 42.5/34

asym_sam_37_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 986.823+/-0.264 χ^2/NDF : 713316.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

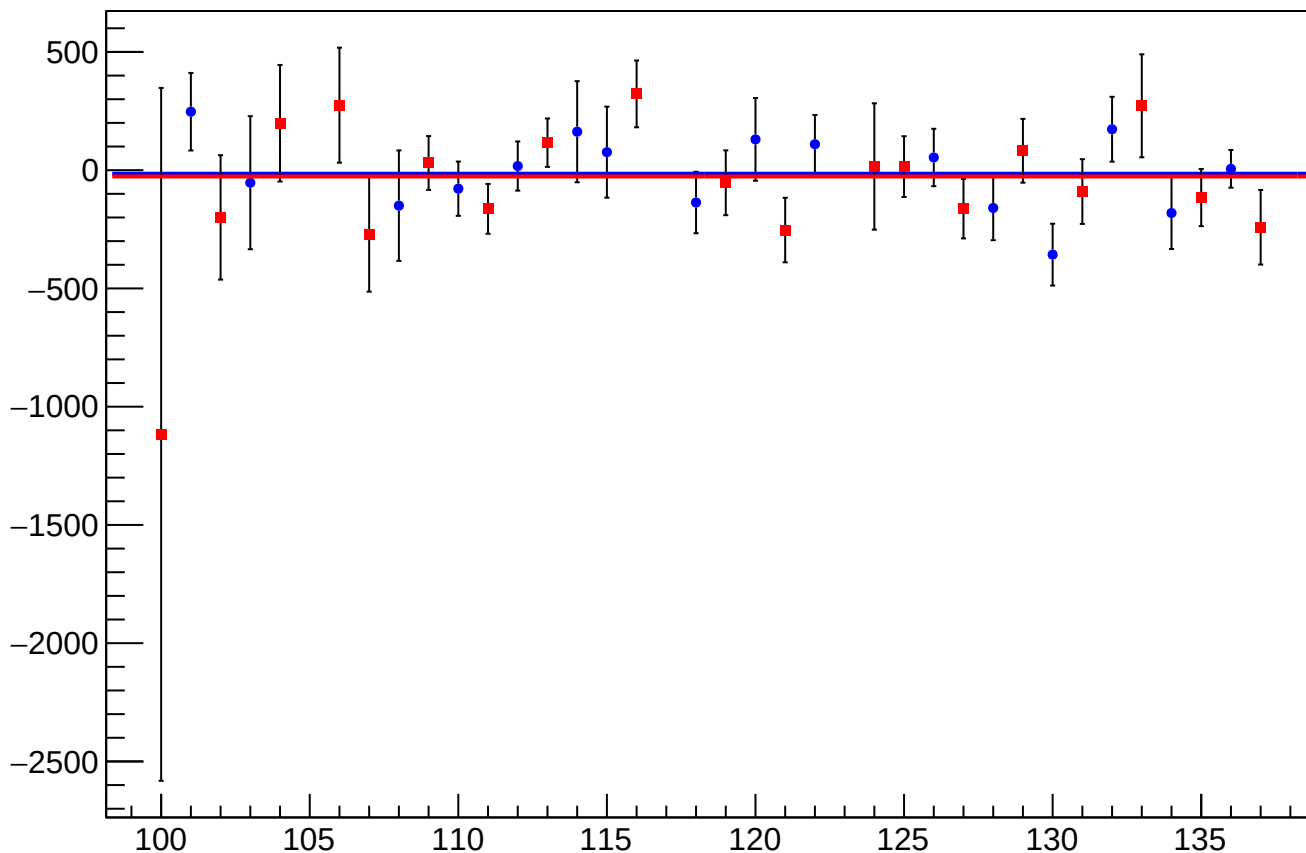
Right: 981.733+/-0.187 χ^2/NDF : 1450693.2/34

In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 981.733+/-0.187 χ^2/NDF : 1450693.2/34

dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -14.953 ± 33.761 χ^2/NDF : 18.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.654 ± 34.073 χ^2/NDF : 23.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

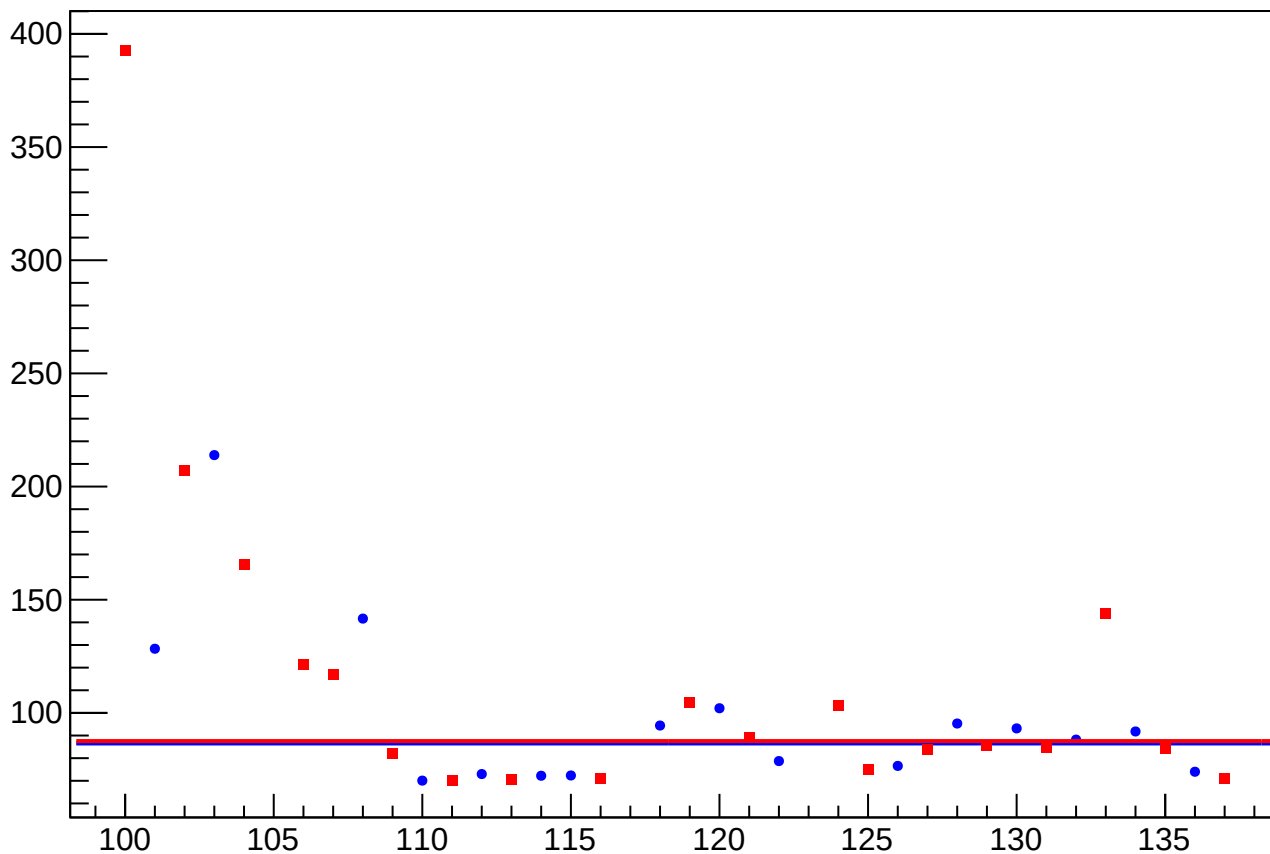
Right: -20.750 ± 23.982 χ^2/NDF : 41.9/34

In: -14.953 ± 33.761 χ^2/NDF : 18.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.750 ± 23.982 χ^2/NDF : 41.9/34

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 86.489 $\pm$ 0.024 χ^2 /NDF: 856257.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.555 $\pm$ 0.024 χ^2 /NDF: 1129794.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

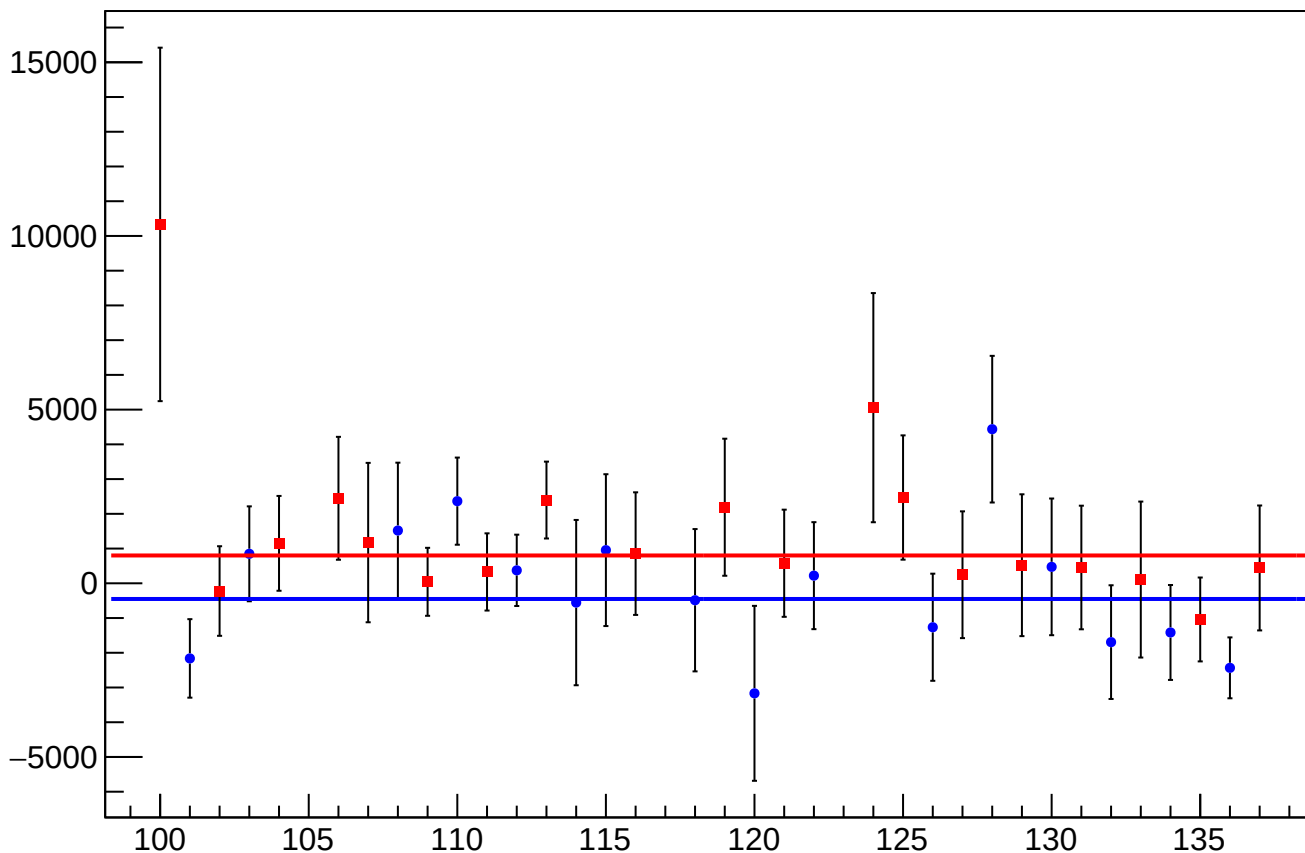
Right: 87.017 $\pm$ 0.017 χ^2 /NDF: 1987038.9/34

In: 86.489 $\pm$ 0.024 χ^2 /NDF:856257.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 87.017 $\pm$ 0.017 χ^2 /NDF: 1987038.9/34

asym_sam_37_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -451.380+/-365.605 χ^2/NDF : 23.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 801.206+/-357.866 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

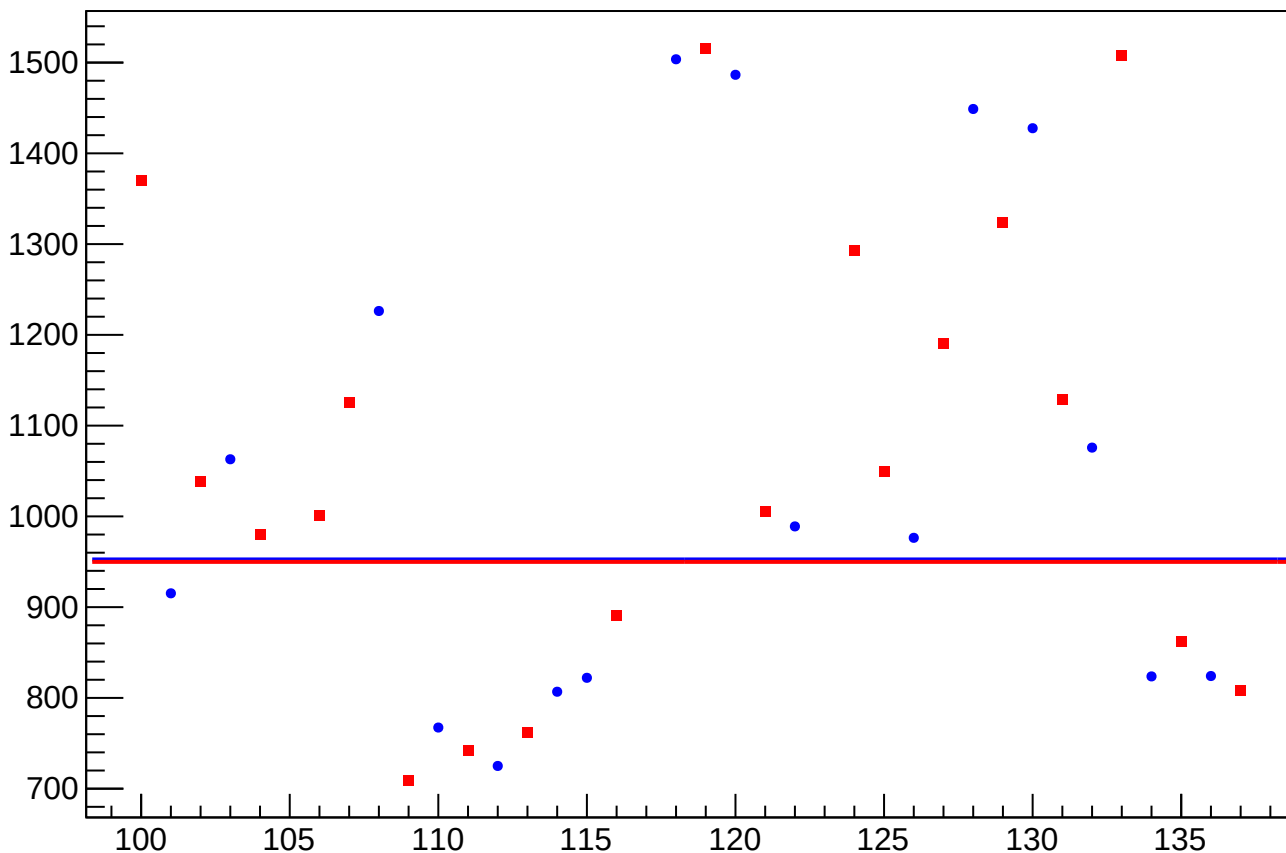
Right: 188.311+/-255.742 χ^2/NDF : 43.3/34

In: -451.380+/-365.605 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.311+/-255.742 χ^2/NDF : 43.3/34

asym_sam_37_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 952.551+/-0.259 χ^2/NDF : 746346.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 949.891+/-0.253 χ^2/NDF : 751675.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

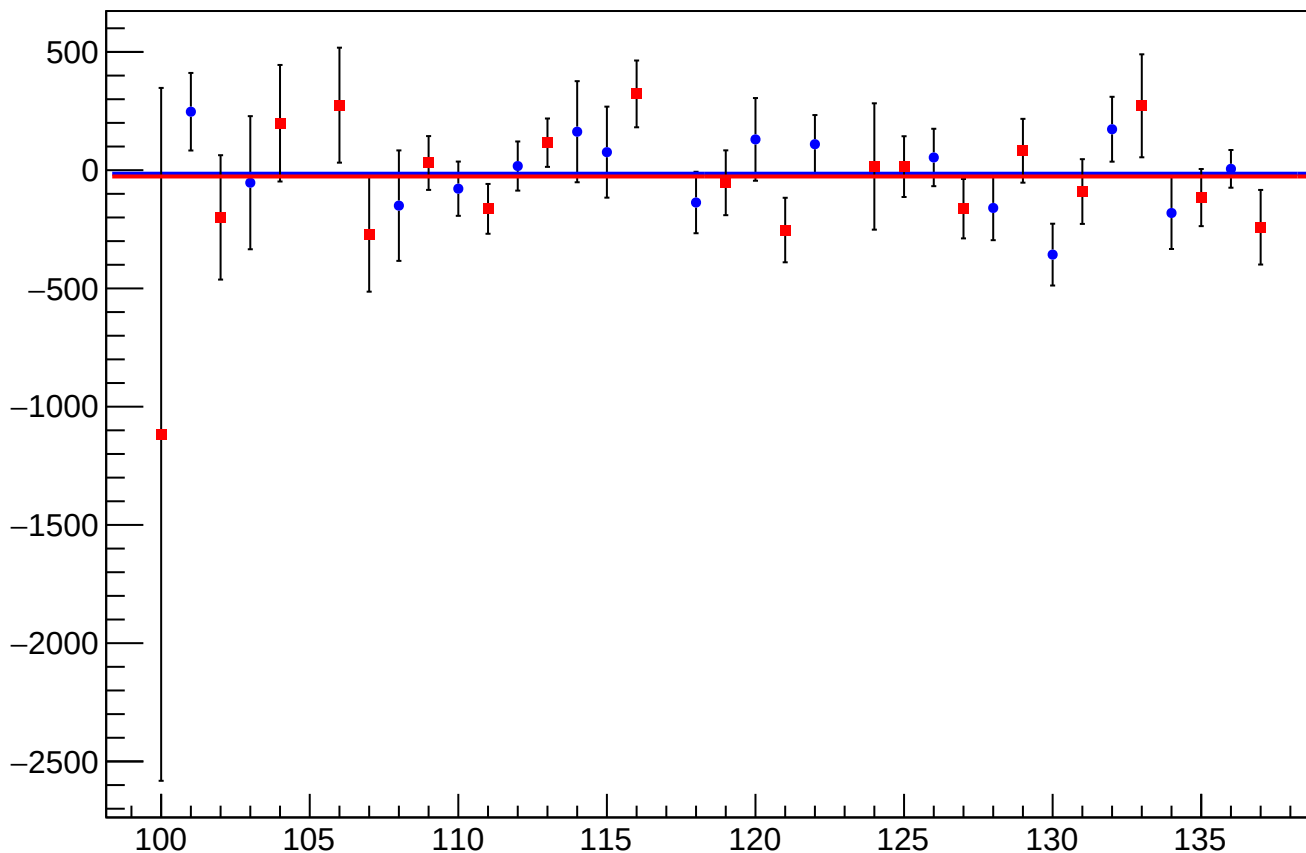
Right: 951.193+/-0.181 χ^2/NDF : 1498076.1/34

In: 952.551+/-0.259 χ^2/NDF :746346.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 951.193+/-0.181 χ^2/NDF : 1498076.1/34

eigen_dit_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -14.954 ± 33.761 χ^2/NDF : 18.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.658 ± 34.073 χ^2/NDF : 23.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

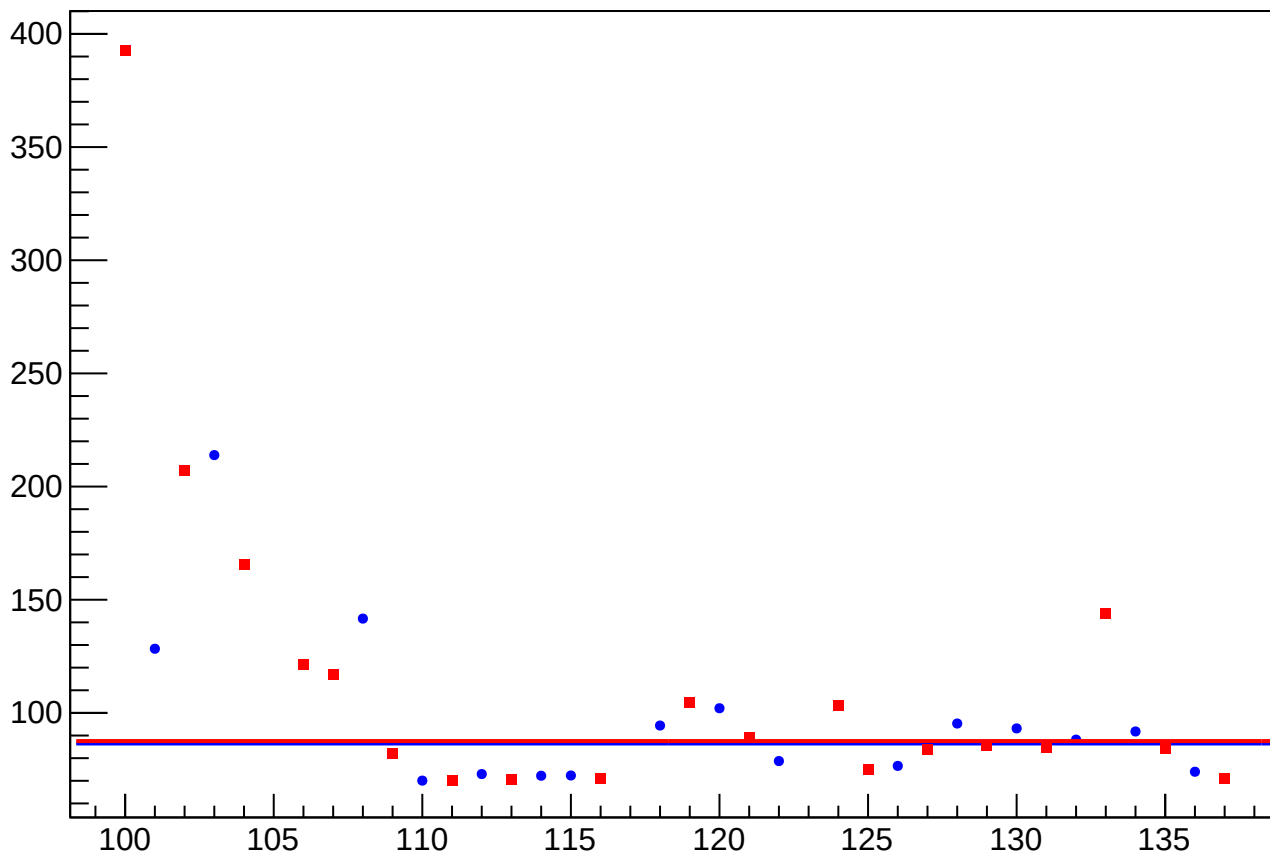
Right: -20.752 ± 23.982 χ^2/NDF : 41.9/34

In: -14.954 ± 33.761 χ^2/NDF : 18.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.752 ± 23.982 χ^2/NDF : 41.9/34

eigen_dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 86.489+/-0.024 χ^2/NDF : 856249.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.555+/-0.024 χ^2/NDF : 1129791.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

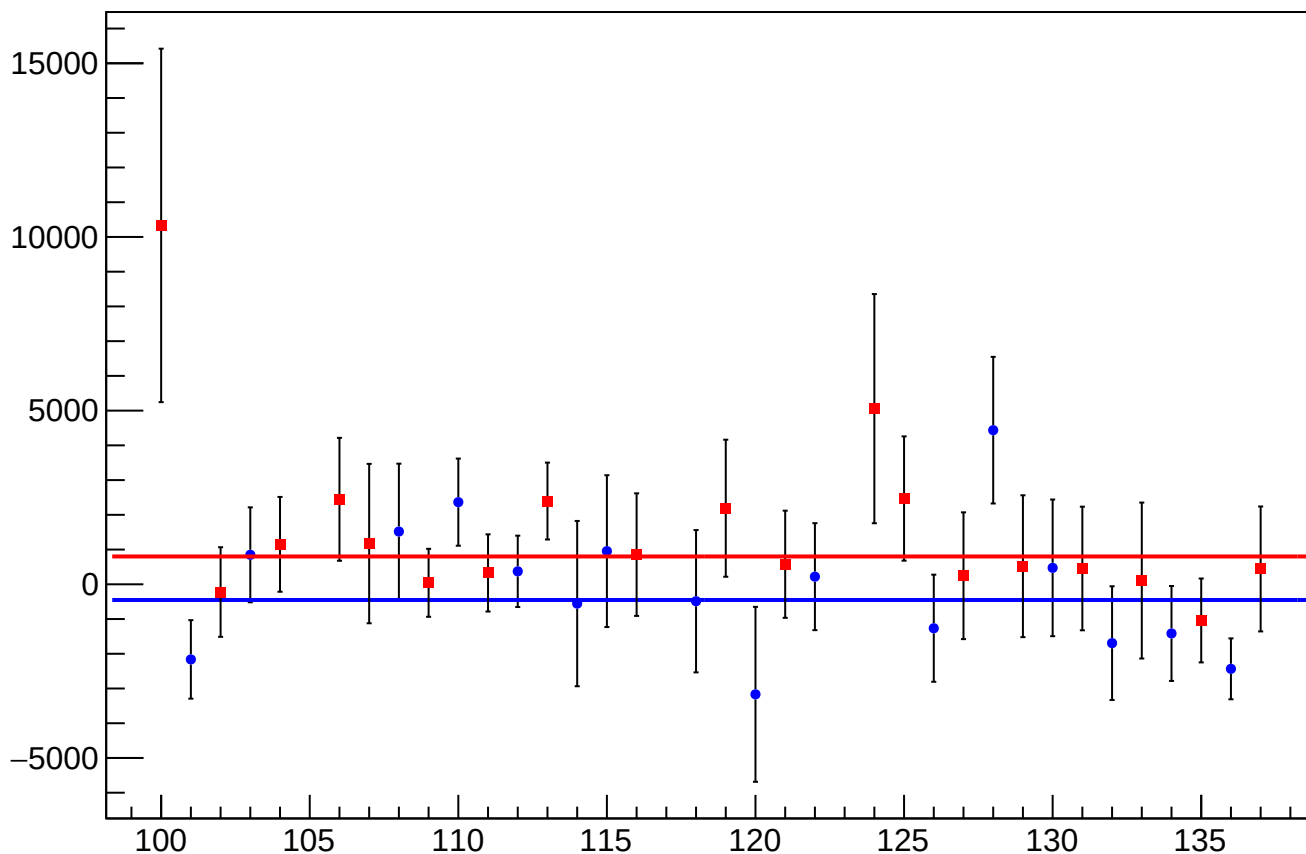
Right: 87.017+/-0.017 χ^2/NDF : 1987028.5/34

In: 86.489+/-0.024 χ^2/NDF : 856249.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.017+/-0.017 χ^2/NDF : 1987028.5/34

asym_sam_37_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -451.378+/-365.605 χ^2/NDF : 23.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 801.205+/-357.865 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

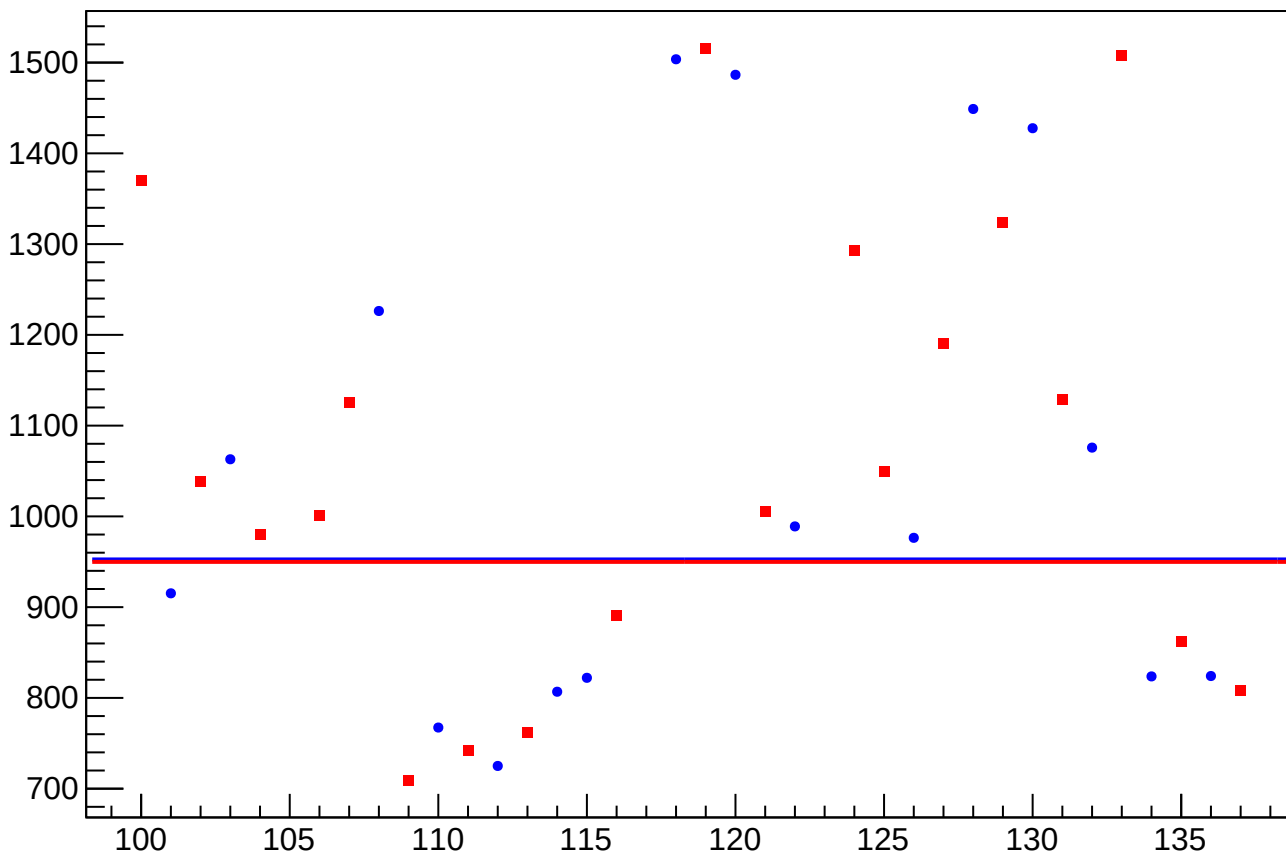
Right: 188.312+/-255.741 χ^2/NDF : 43.3/34

In: -451.378+/-365.605 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.312+/-255.741 χ^2/NDF : 43.3/34

asym_sam_37_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 952.549+/-0.259 χ^2/NDF : 746349.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 949.890+/-0.253 χ^2/NDF : 751674.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

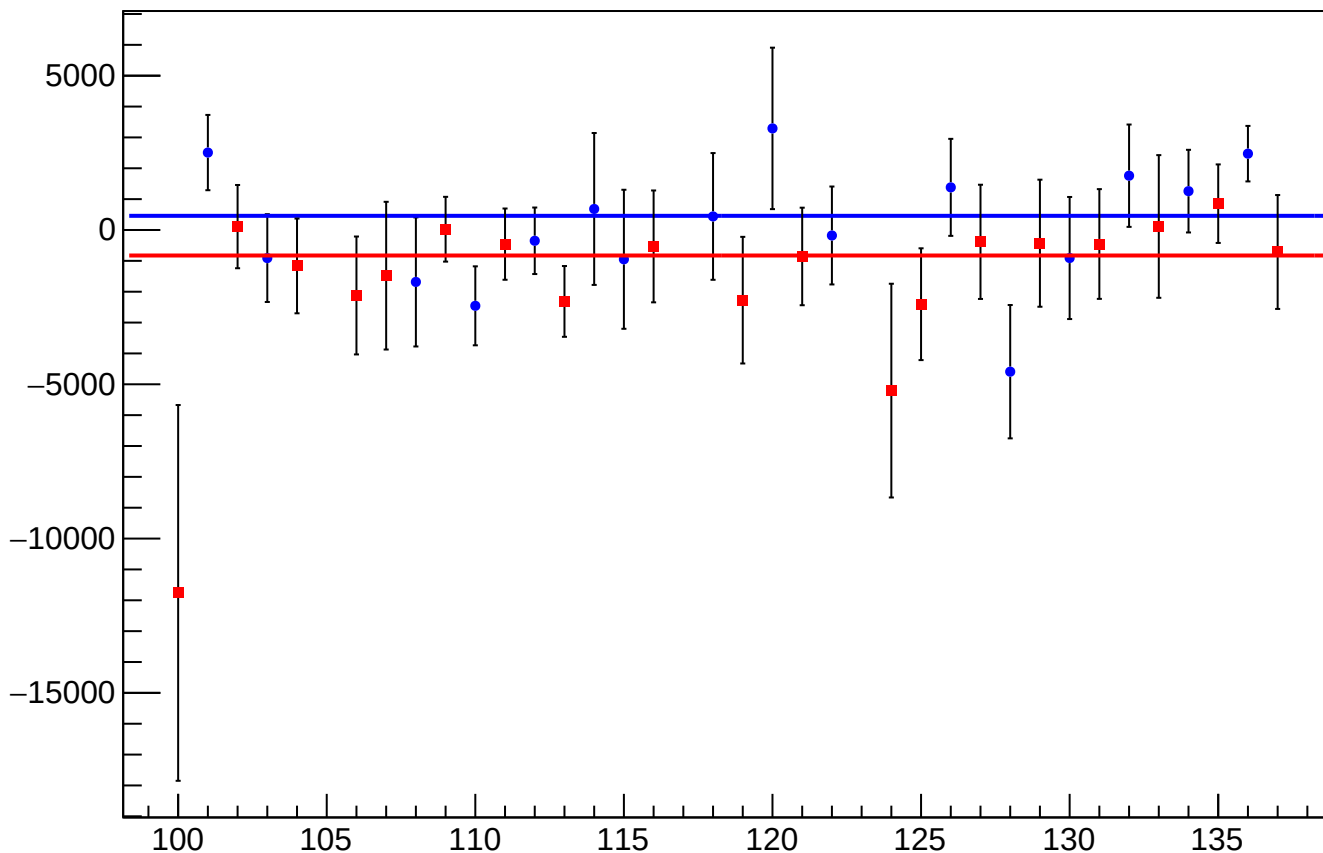
Right: 951.191+/-0.181 χ^2/NDF : 1498078.4/34

In: 952.549+/-0.259 χ^2/NDF : 746349.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 951.191+/-0.181 χ^2/NDF : 1498078.4/34

asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: 459.137+/-376.873 χ^2/NDF : 24.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -826.531+/-374.244 χ^2/NDF : 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

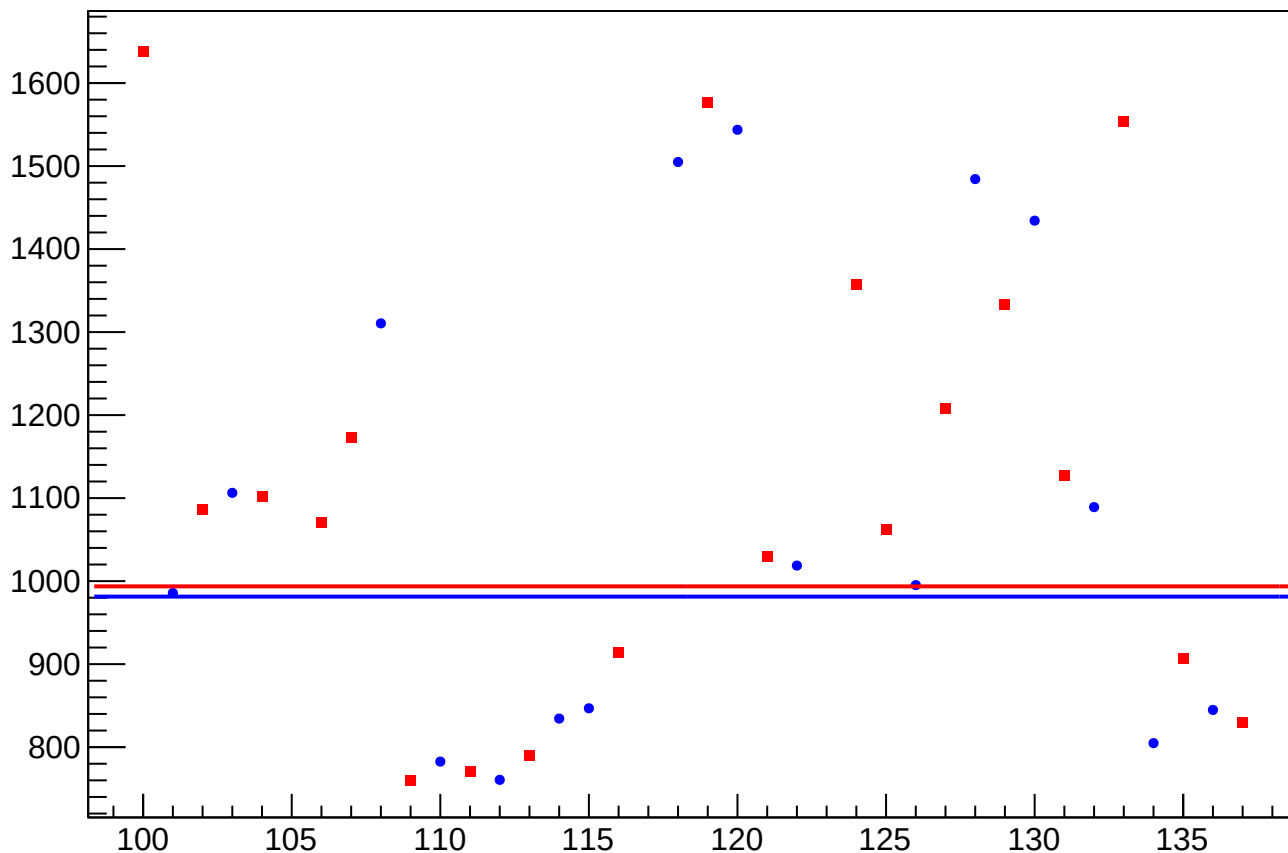
Right: -188.198+/-265.555 χ^2/NDF : 42.1/34

In: 459.137+/-376.873 χ^2/NDF : 24.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -188.198+/-265.555 χ^2/NDF : 42.1/34

asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 981.349+/-0.266 χ^2/NDF : 737627.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 993.684+/-0.265 χ^2/NDF : 719799.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

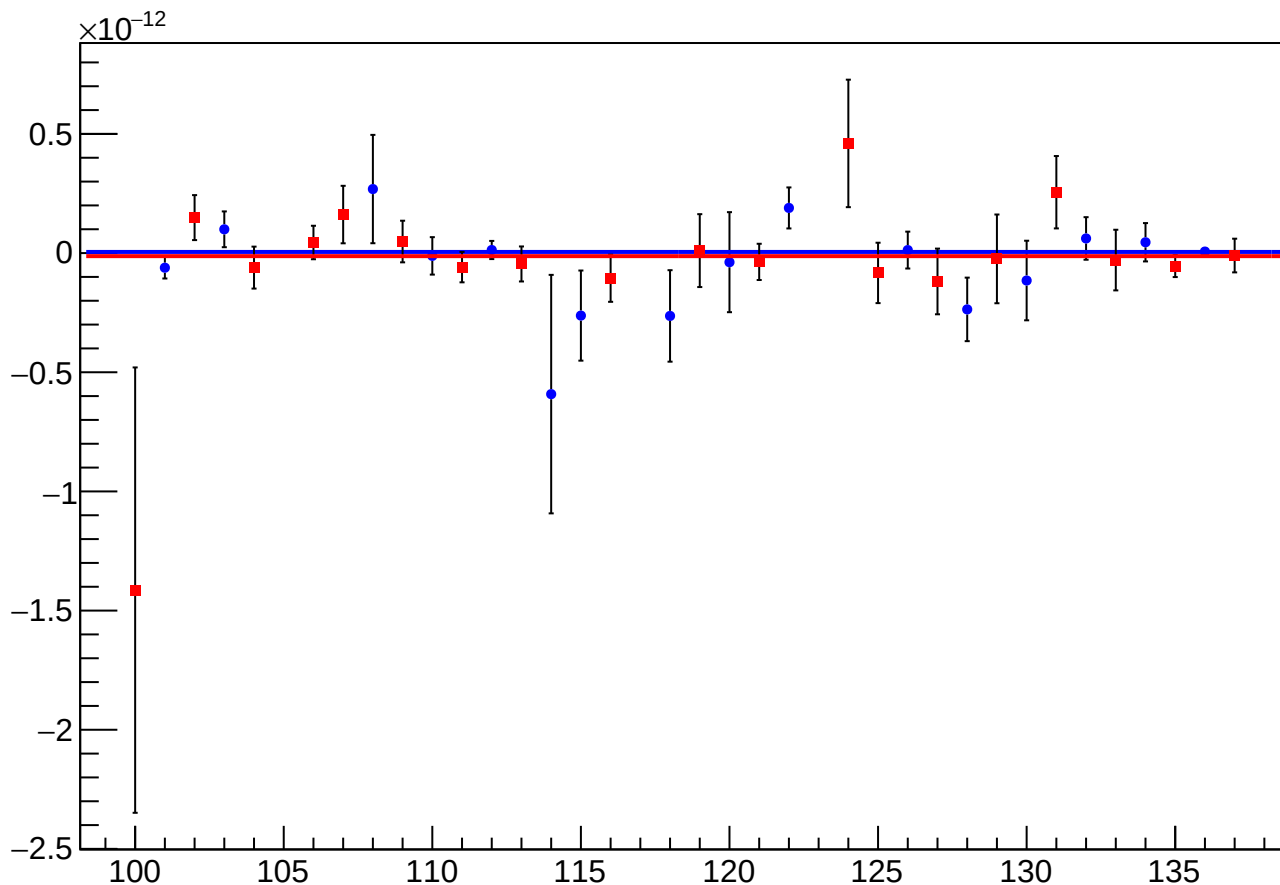
Right: 987.560+/-0.188 χ^2/NDF : 1458505.1/34

In: 981.349+/-0.266 χ^2/NDF : 737627.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 987.560+/-0.188 χ^2/NDF : 1458505.1/34

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

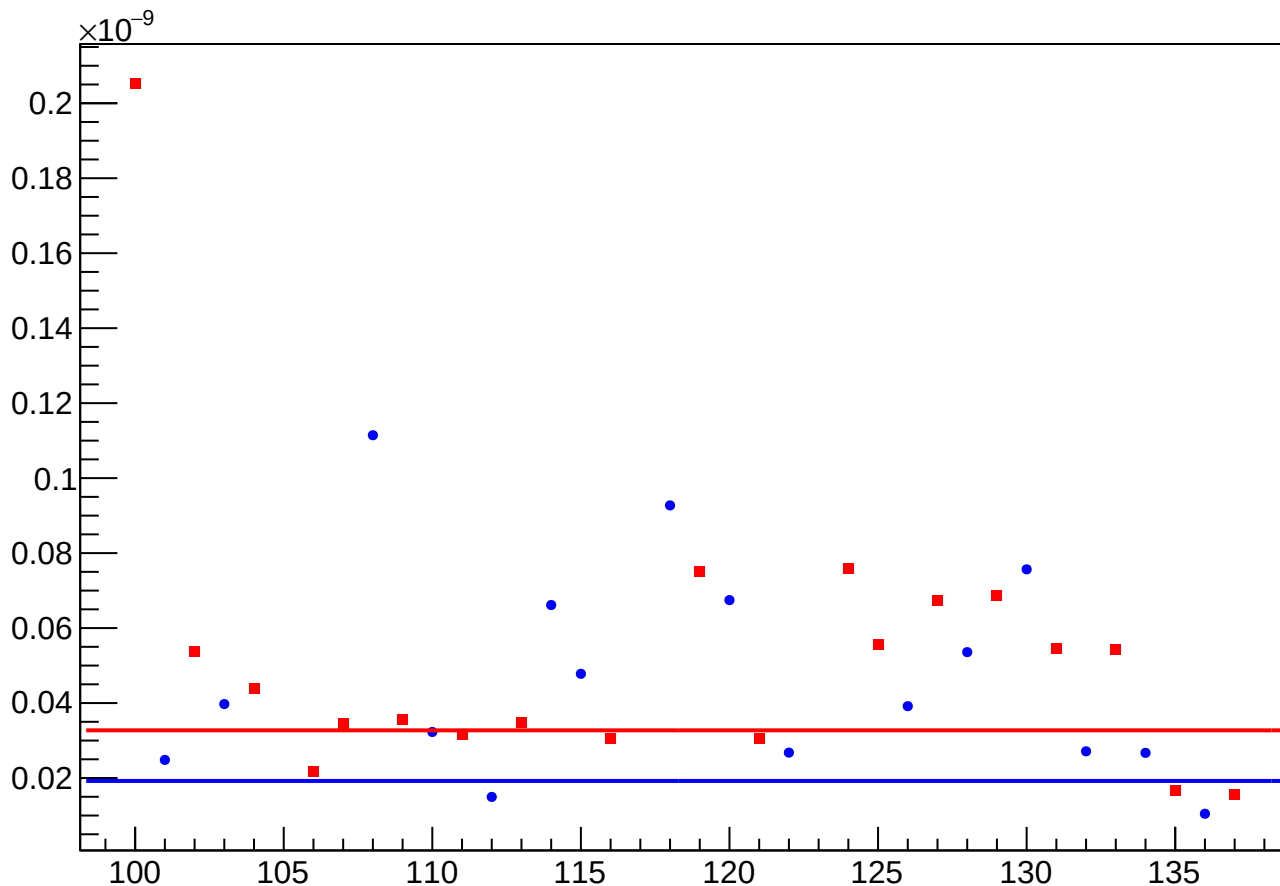
Right: -0.000+/-0.000 χ^2/NDF : 38.6/34

In: 0.000+/-0.000 χ^2/NDF : 19.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.6/34

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1977908.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1181327.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

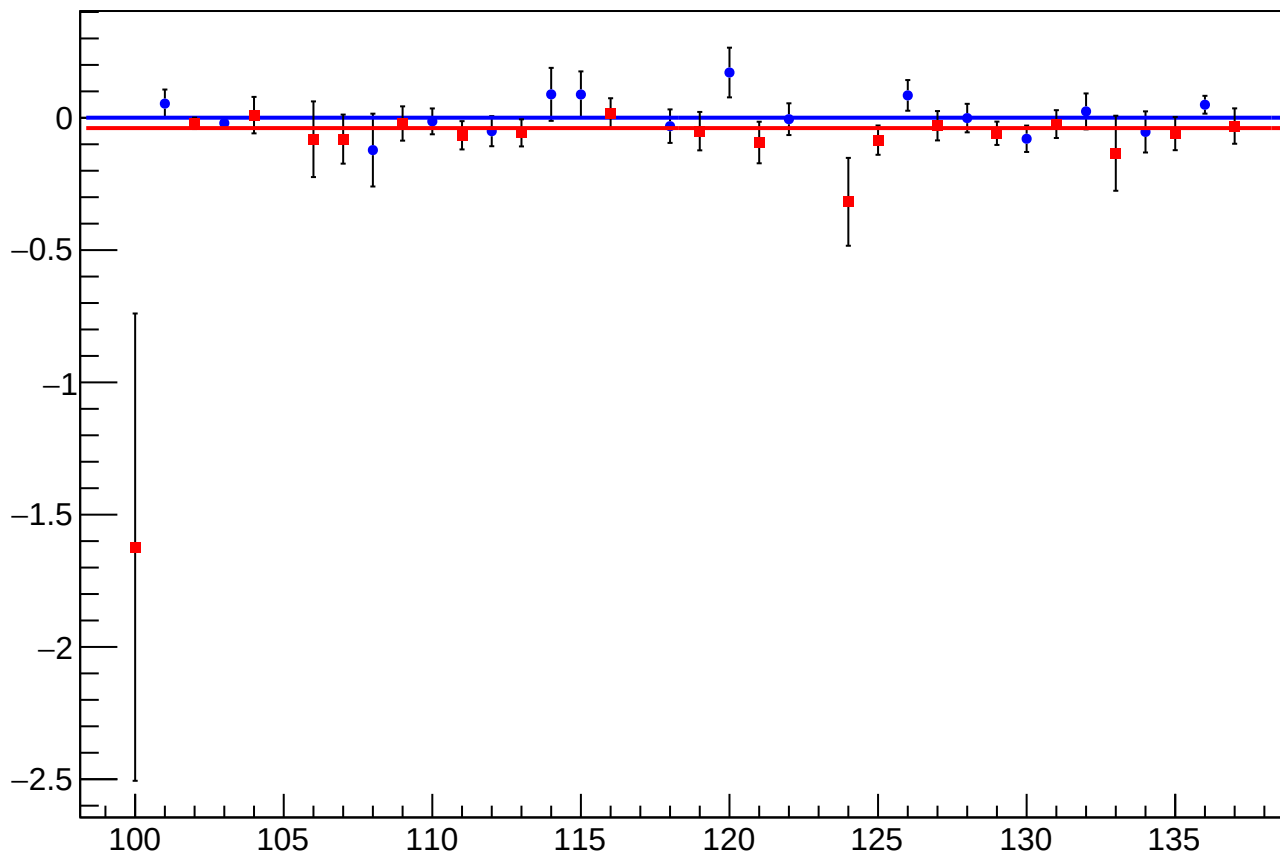
Right: 0.000+/-0.000 χ^2/NDF : 3729954.2/34

In: 0.000+/-0.000 χ^2/NDF : 1977908.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3729954.2/34

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.012 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.039+/-0.013 χ^2/NDF : 11.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

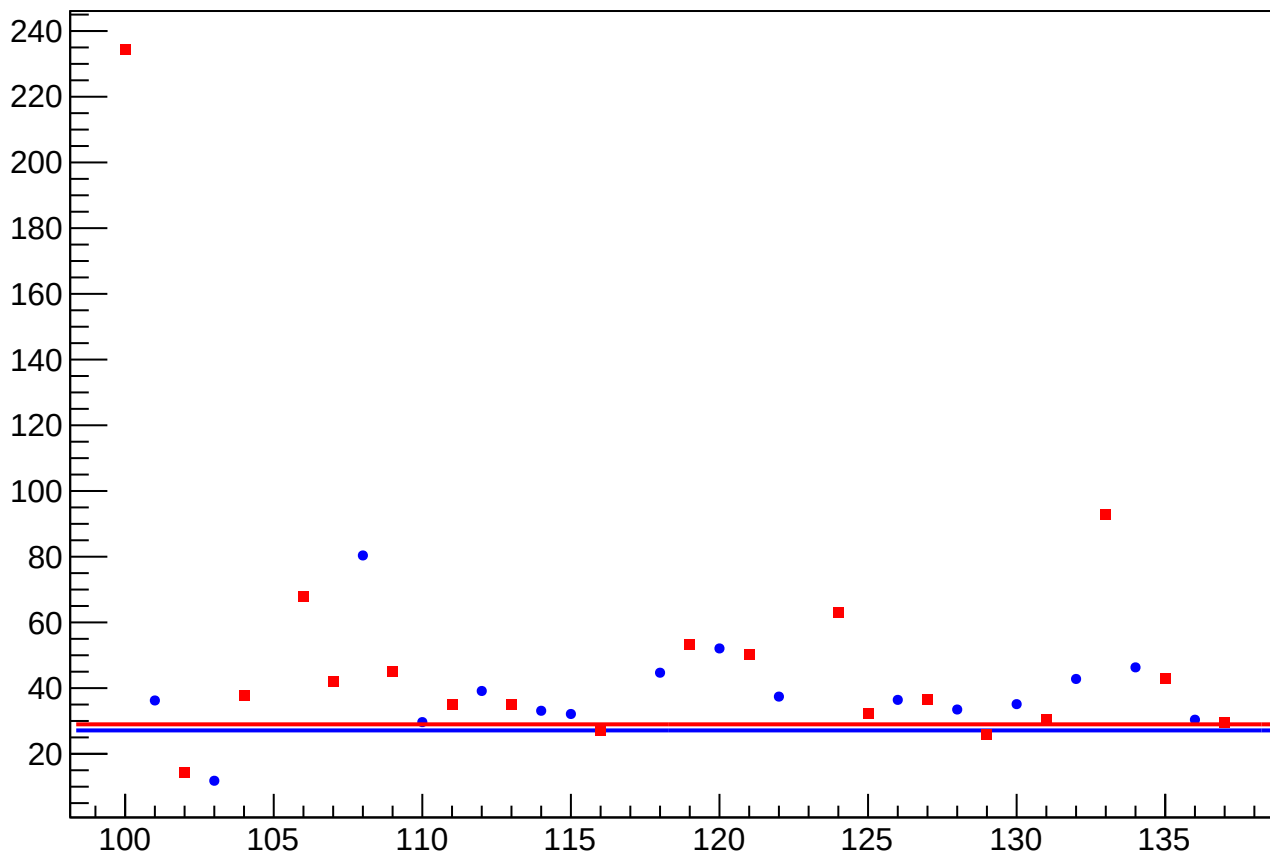
Right: -0.018+/-0.009 χ^2/NDF : 32.6/34

In: 0.000+/-0.012 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.018+/-0.009 χ^2/NDF : 32.6/34

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.128+/-0.009 χ^2/NDF : 2415316.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 28.979+/-0.009 χ^2/NDF : 2456254.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

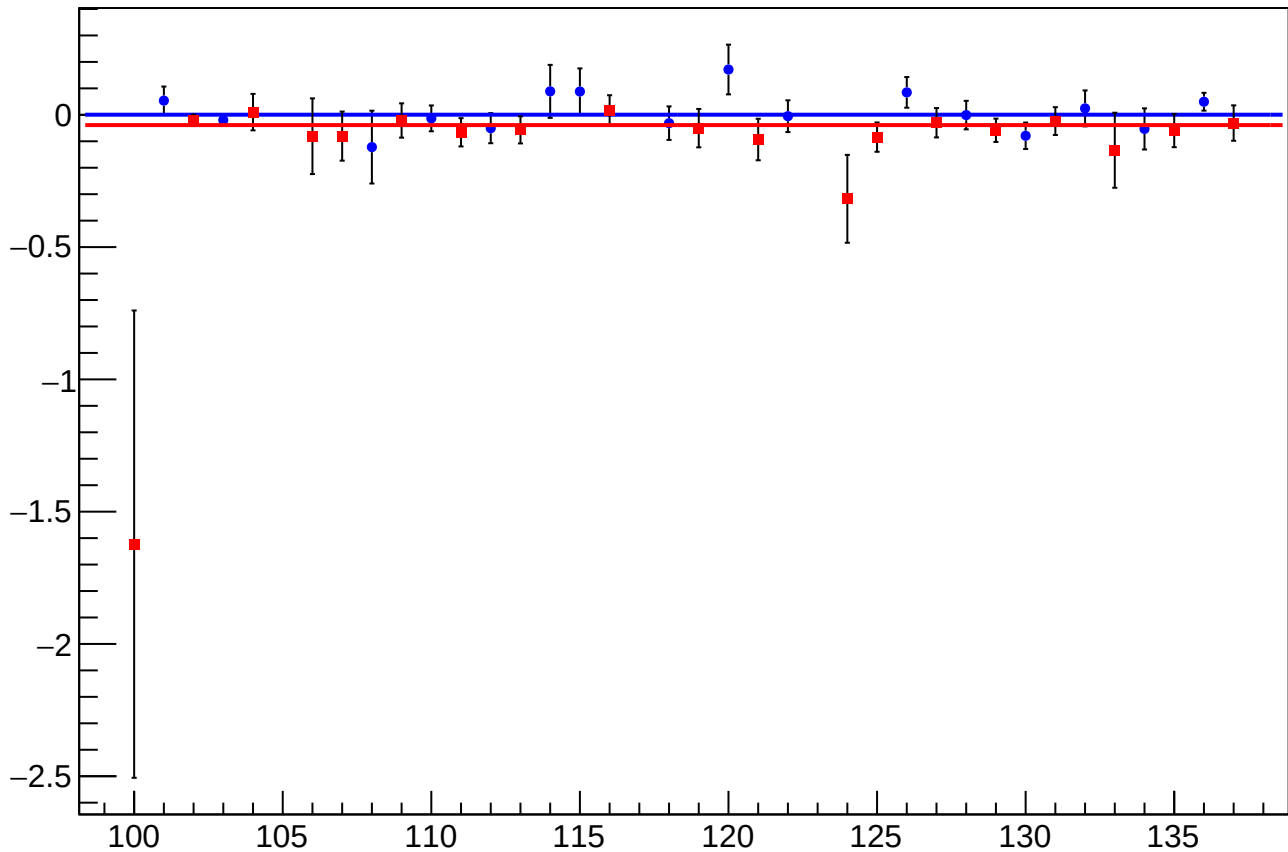
Right: 28.008+/-0.006 χ^2/NDF : 4894073.5/34

In: 27.128+/-0.009 χ^2/NDF :2415316.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.008+/-0.006 χ^2/NDF : 4894073.5/34

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.012 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.013 χ^2 /NDF: 11.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

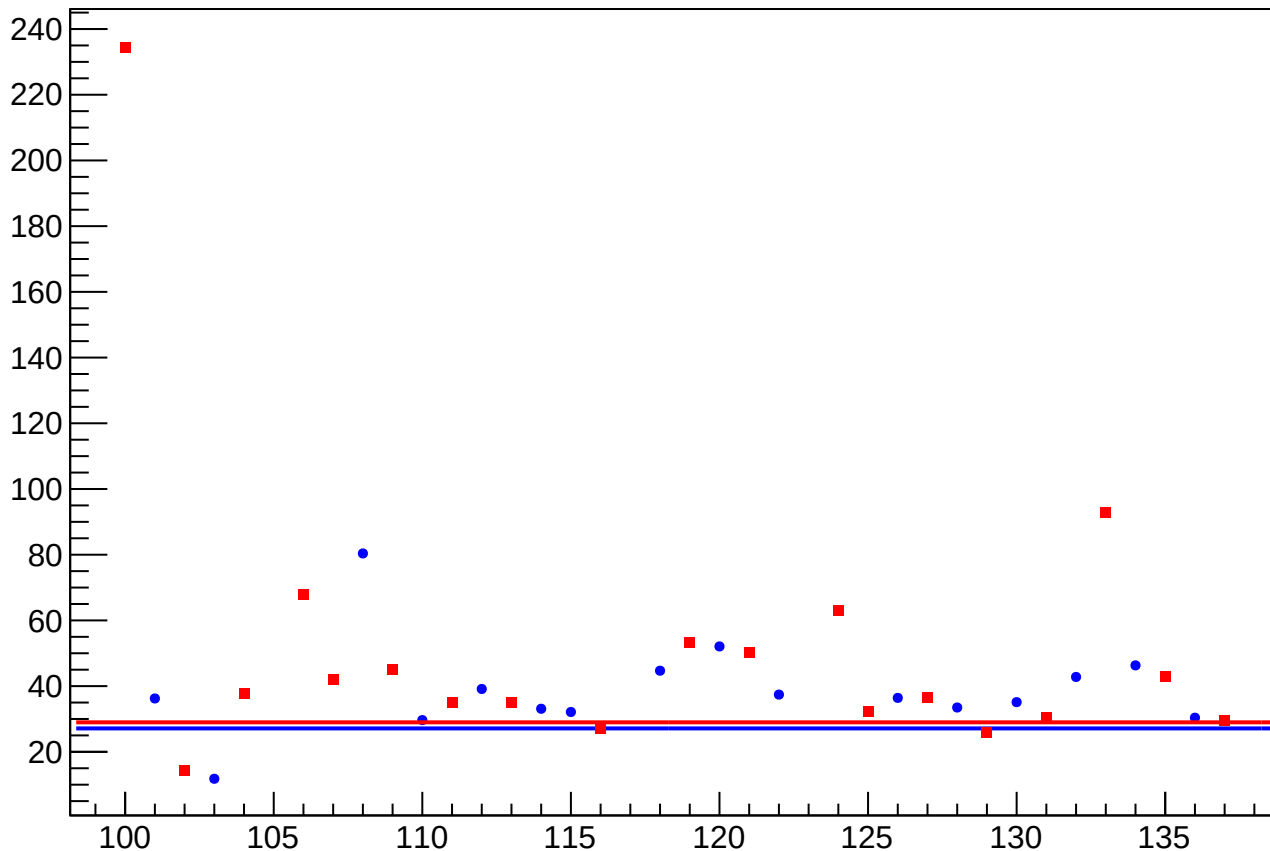
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

In: 0.000 $\pm$ 0.012 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.128+/-0.009 χ^2/NDF : 2415316.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.979+/-0.009 χ^2/NDF : 2456254.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

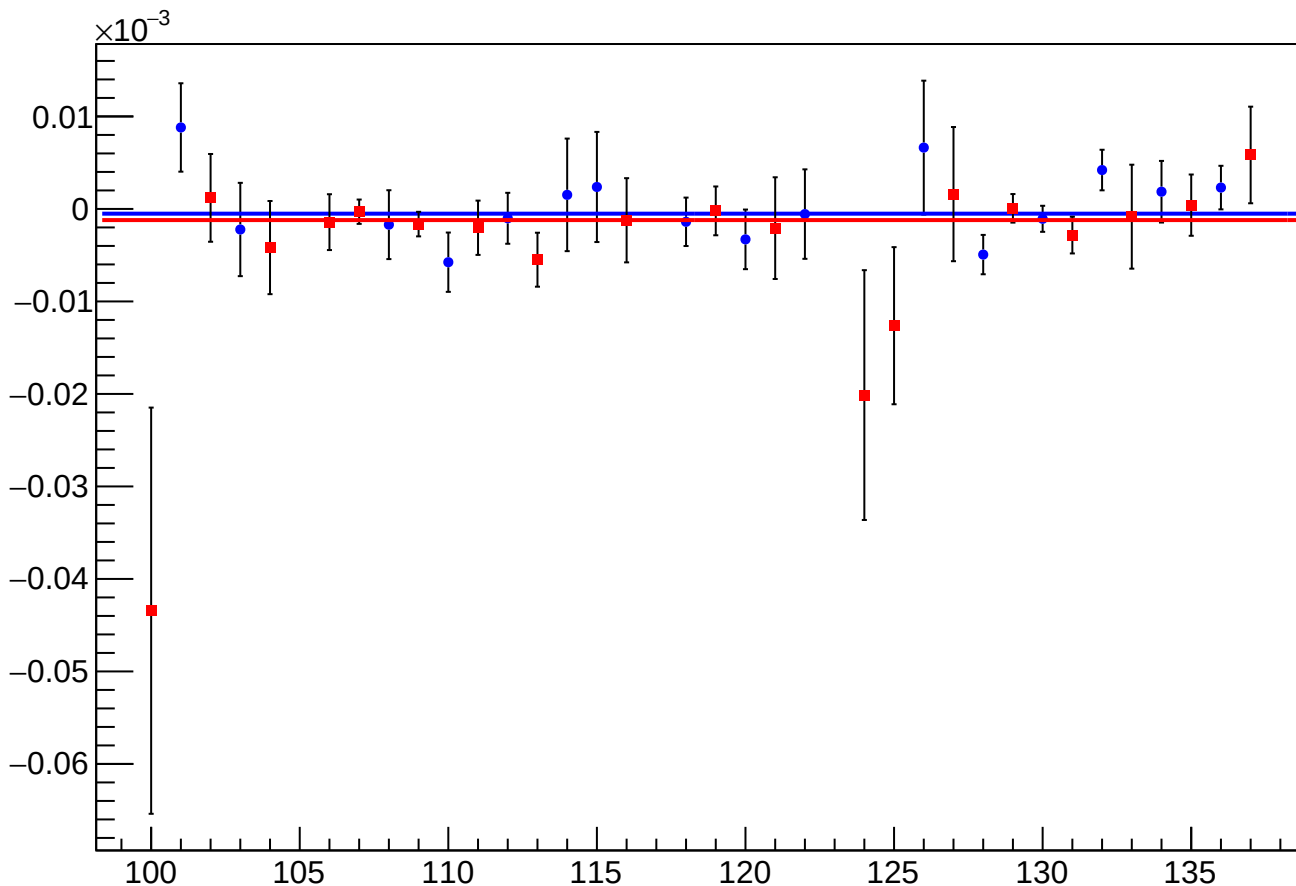
Right: 28.008+/-0.006 χ^2/NDF : 4894073.5/34

In: 27.128+/-0.009 χ^2/NDF : 2415316.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.008+/-0.006 χ^2/NDF : 4894073.5/34

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 20.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 14.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

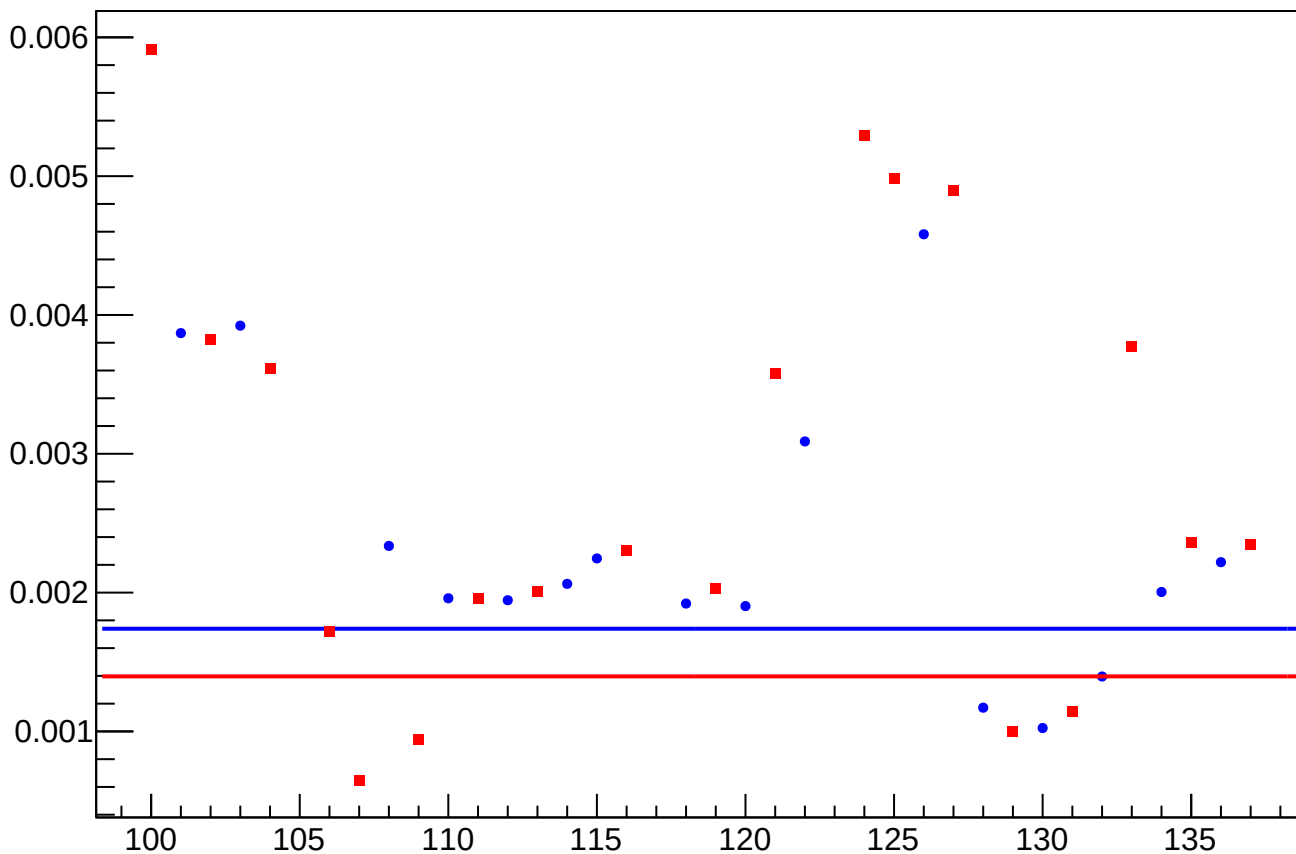
Right: -0.000+/-0.000 χ^2 /NDF: 35.1/34

In: -0.000+/-0.000 χ^2 /NDF:20.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.1/34

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2146798.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4323193.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

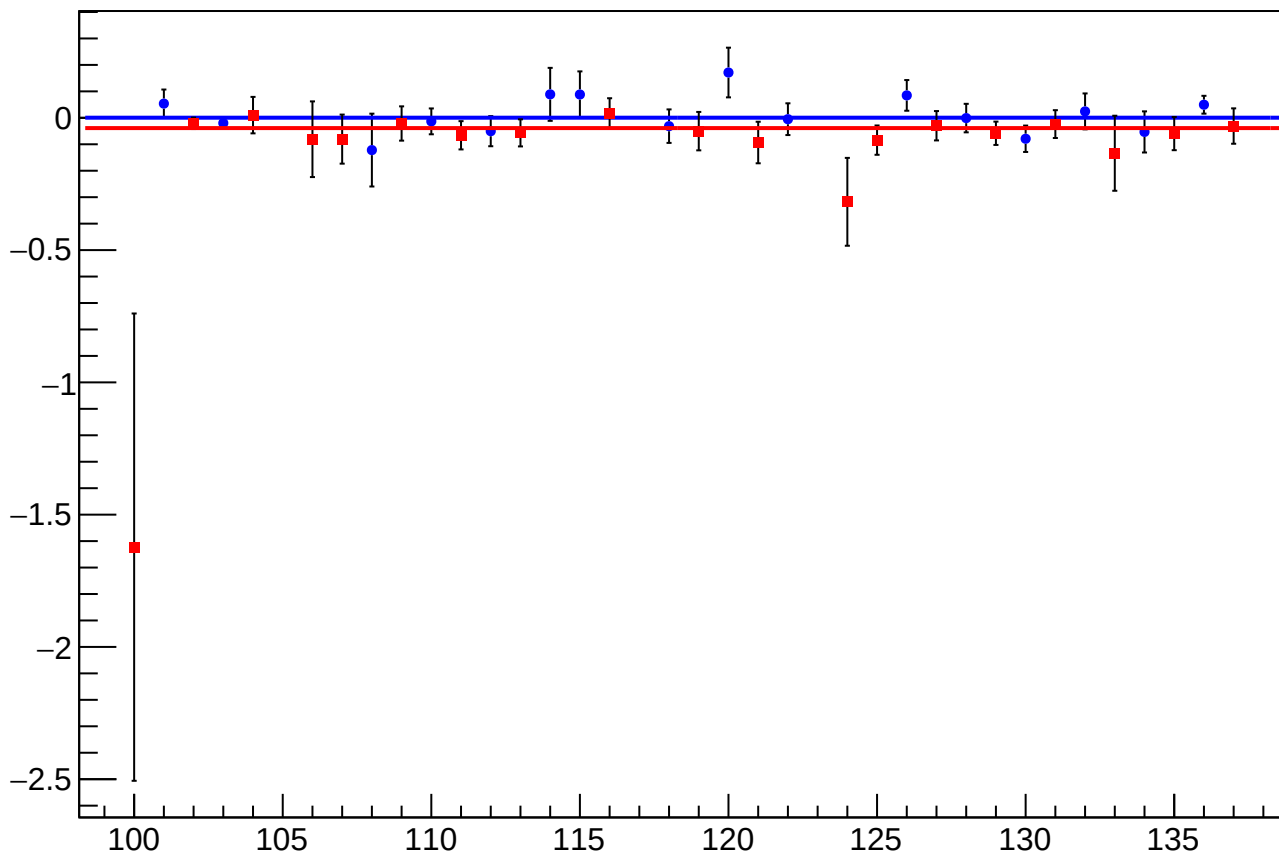
Right: 0.002+/-0.000 χ^2/NDF : 6735676.7/34

In: 0.002+/-0.000 χ^2/NDF :2146798.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6735676.7/34

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.012 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.013 χ^2 /NDF: 11.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

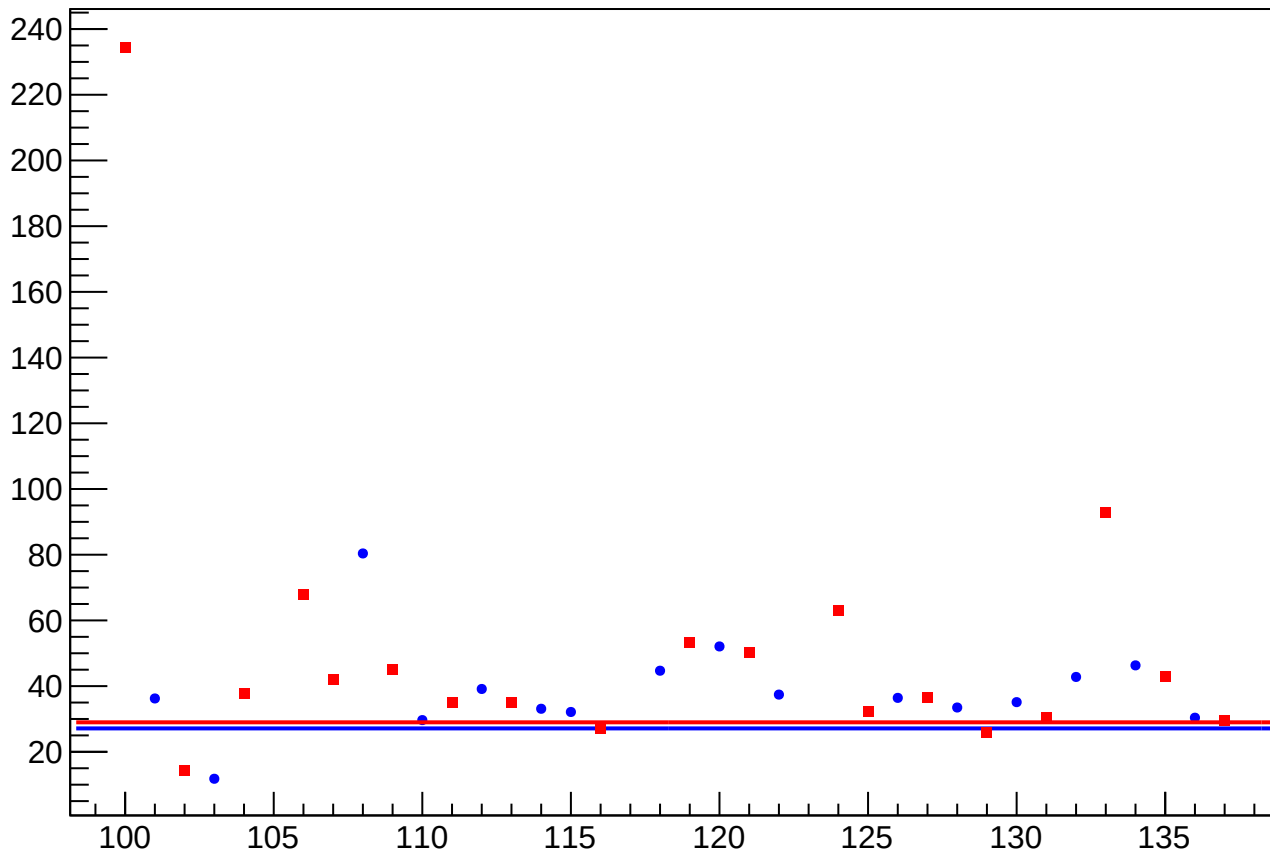
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

In: 0.000 $\pm$ 0.012 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.982+/-0.009 χ^2/NDF : 2455659.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

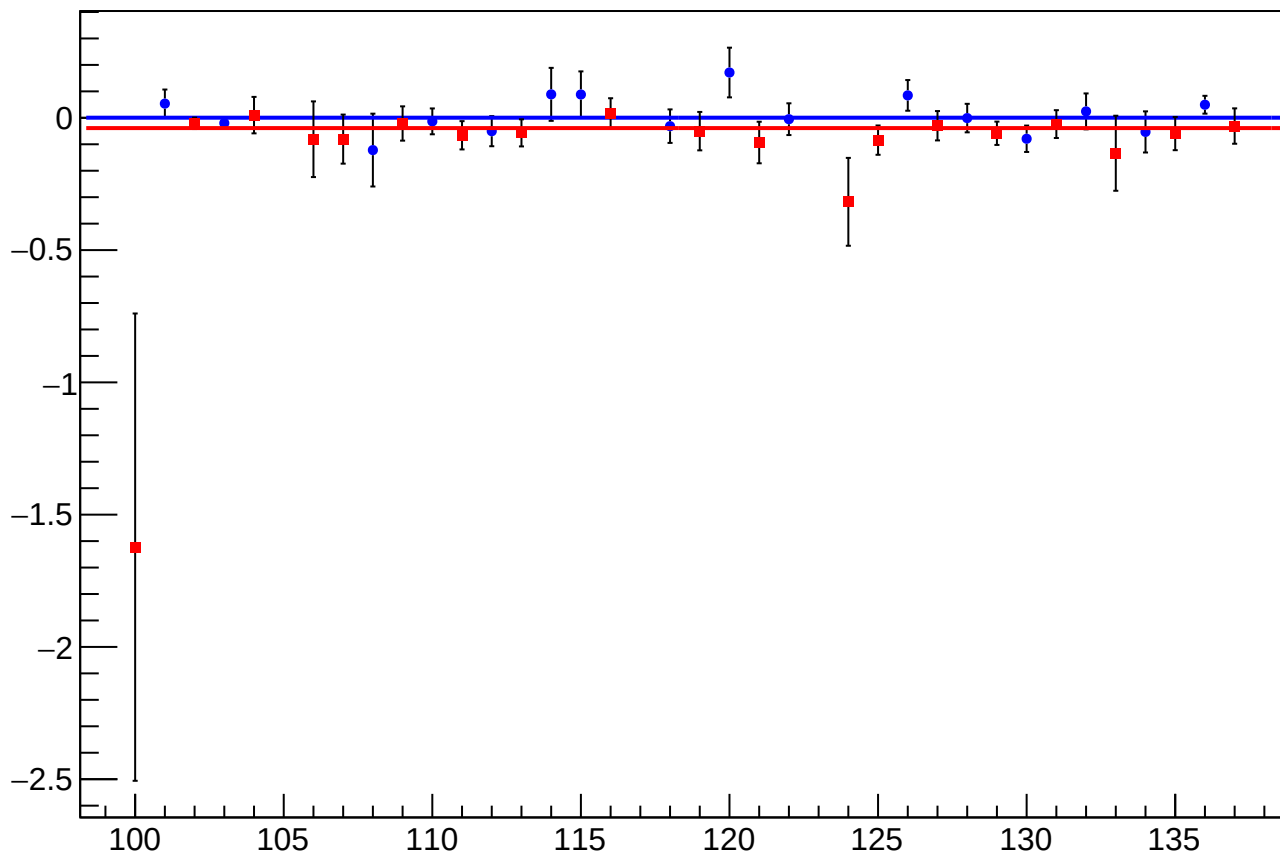
Right: 28.009+/-0.006 χ^2/NDF : 4893896.0/34

In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.009+/-0.006 χ^2/NDF : 4893896.0/34

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.012 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.013 χ^2 /NDF: 11.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

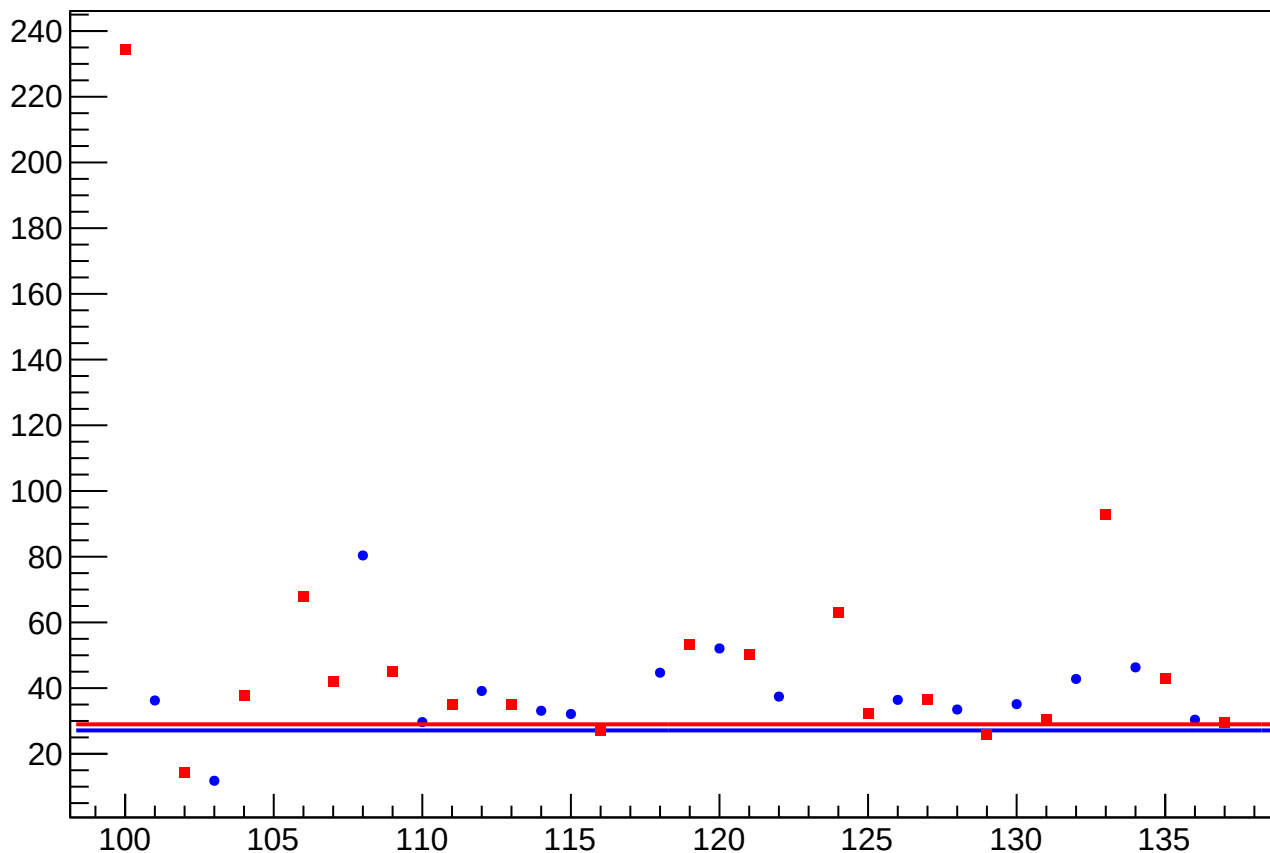
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

In: 0.000 $\pm$ 0.012 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/34

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.982+/-0.009 χ^2/NDF : 2455659.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

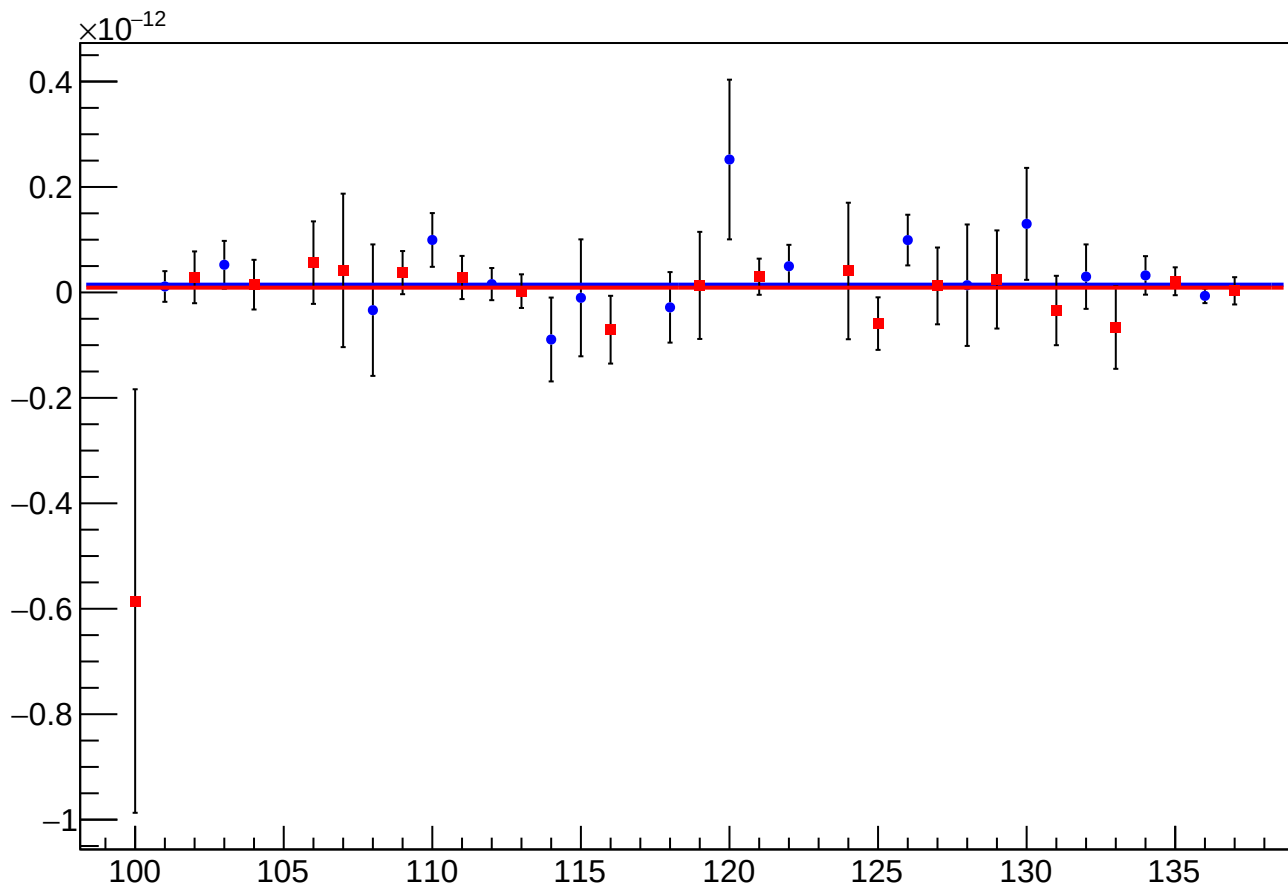
Right: 28.009+/-0.006 χ^2/NDF : 4893896.0/34

In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.009+/-0.006 χ^2/NDF : 4893896.0/34

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 9.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

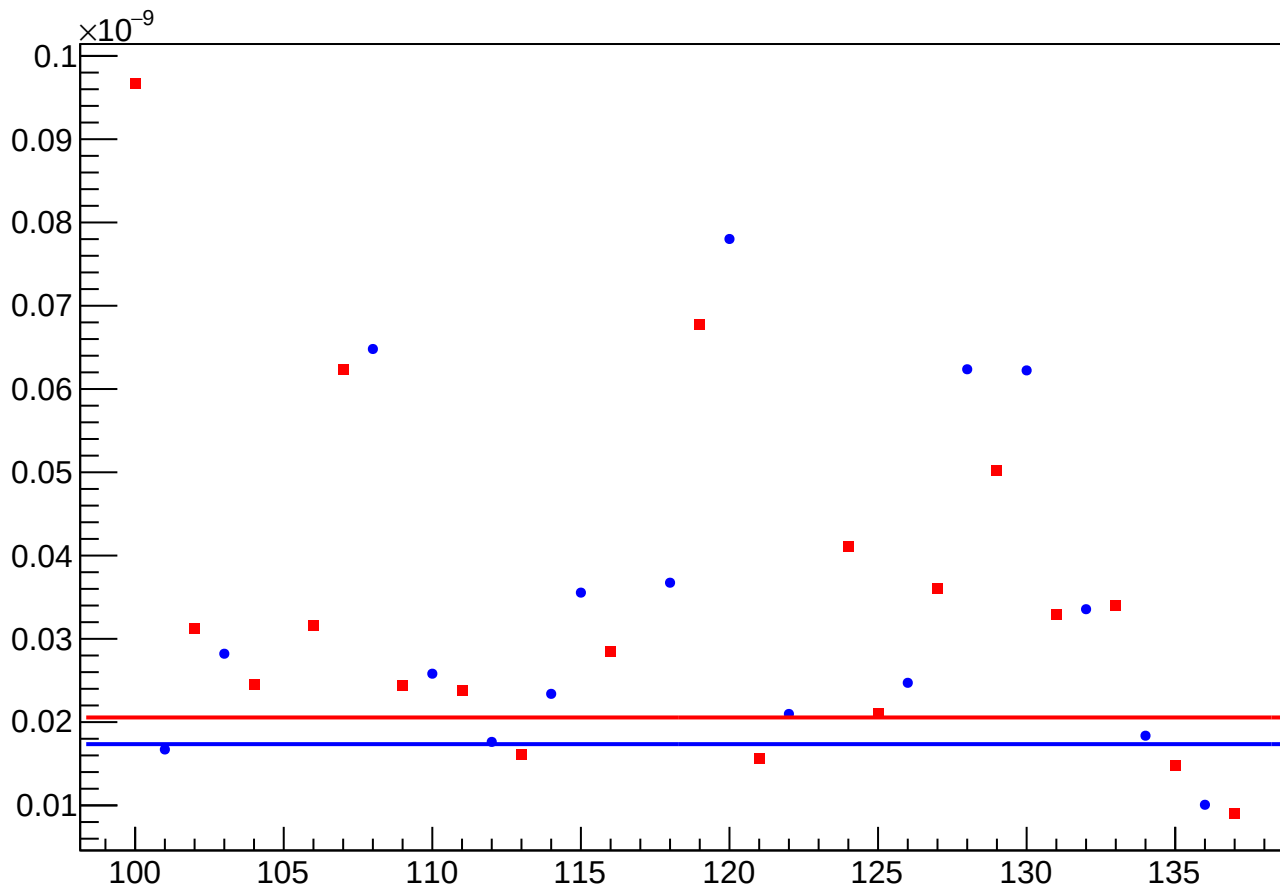
Right: 0.000+/-0.000 χ^2/NDF : 25.1/34

In: 0.000+/-0.000 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.1/34

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2442014.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1925673.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

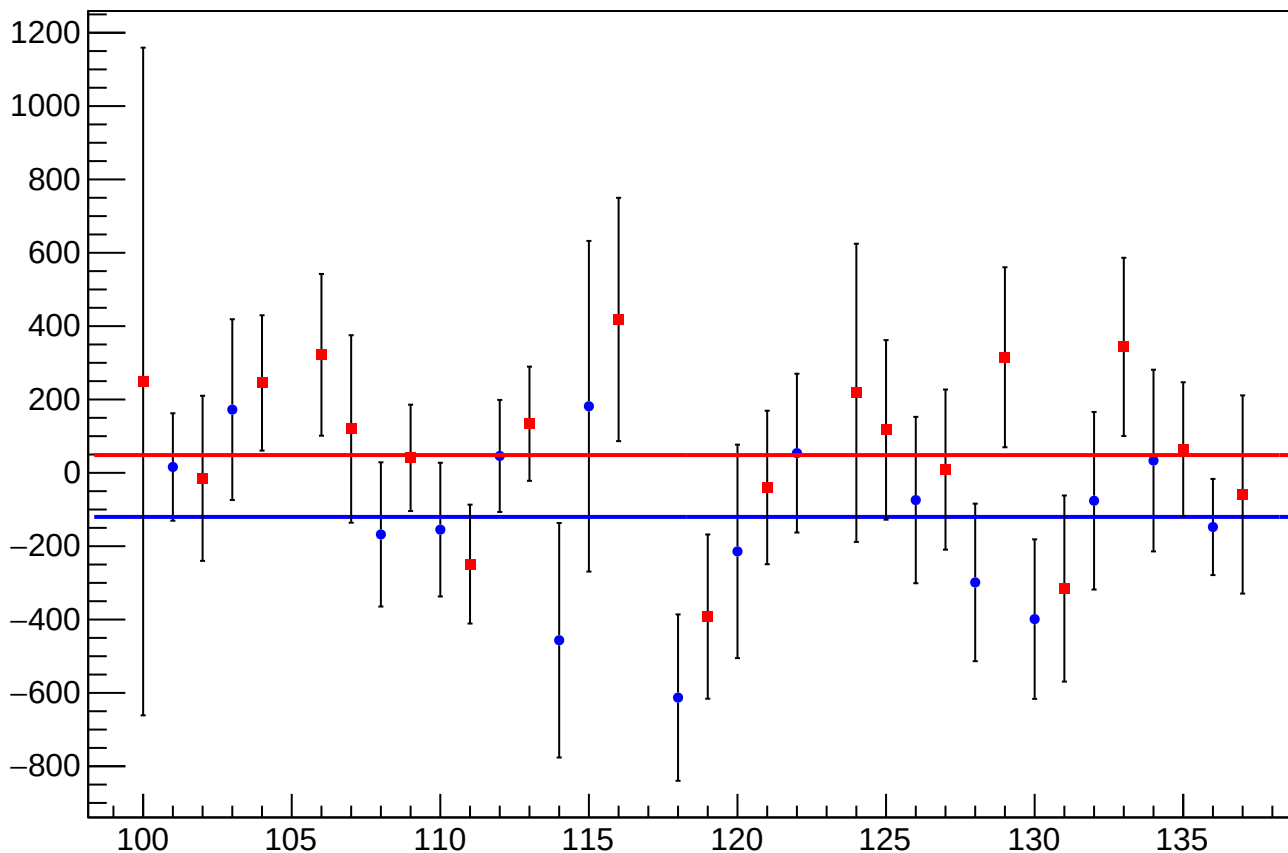
Right: 0.000+/-0.000 χ^2/NDF : 4467051.7/34

In: 0.000+/-0.000 χ^2/NDF : 2442014.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4467051.7/34

reg_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -120.159+/-51.103 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.449+/-49.910 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

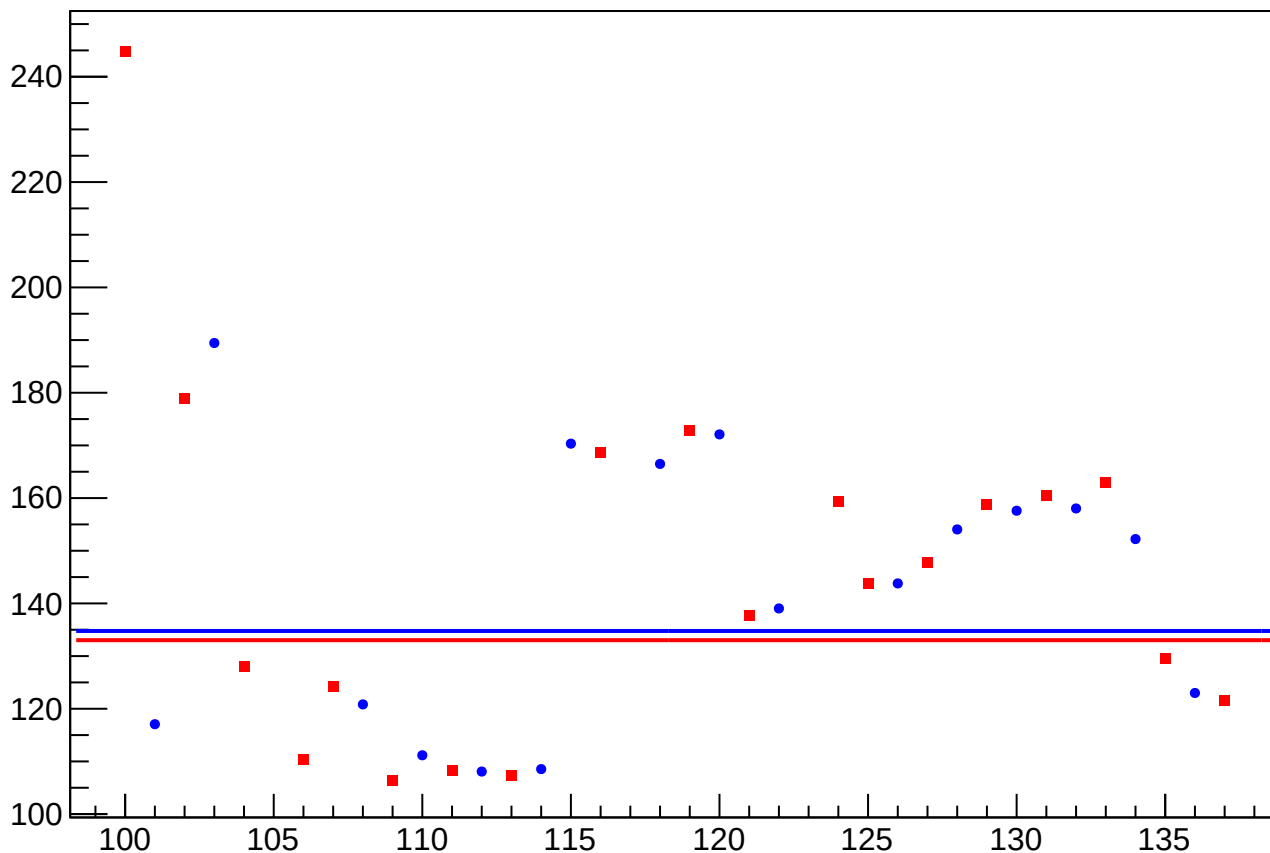
Right: -33.863+/-35.706 χ^2/NDF : 36.0/34

In: -120.159+/-51.103 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.863+/-35.706 χ^2/NDF : 36.0/34

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.771 $\pm$ 0.036 χ^2 /NDF: 416778.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.019 $\pm$ 0.035 χ^2 /NDF: 495717.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

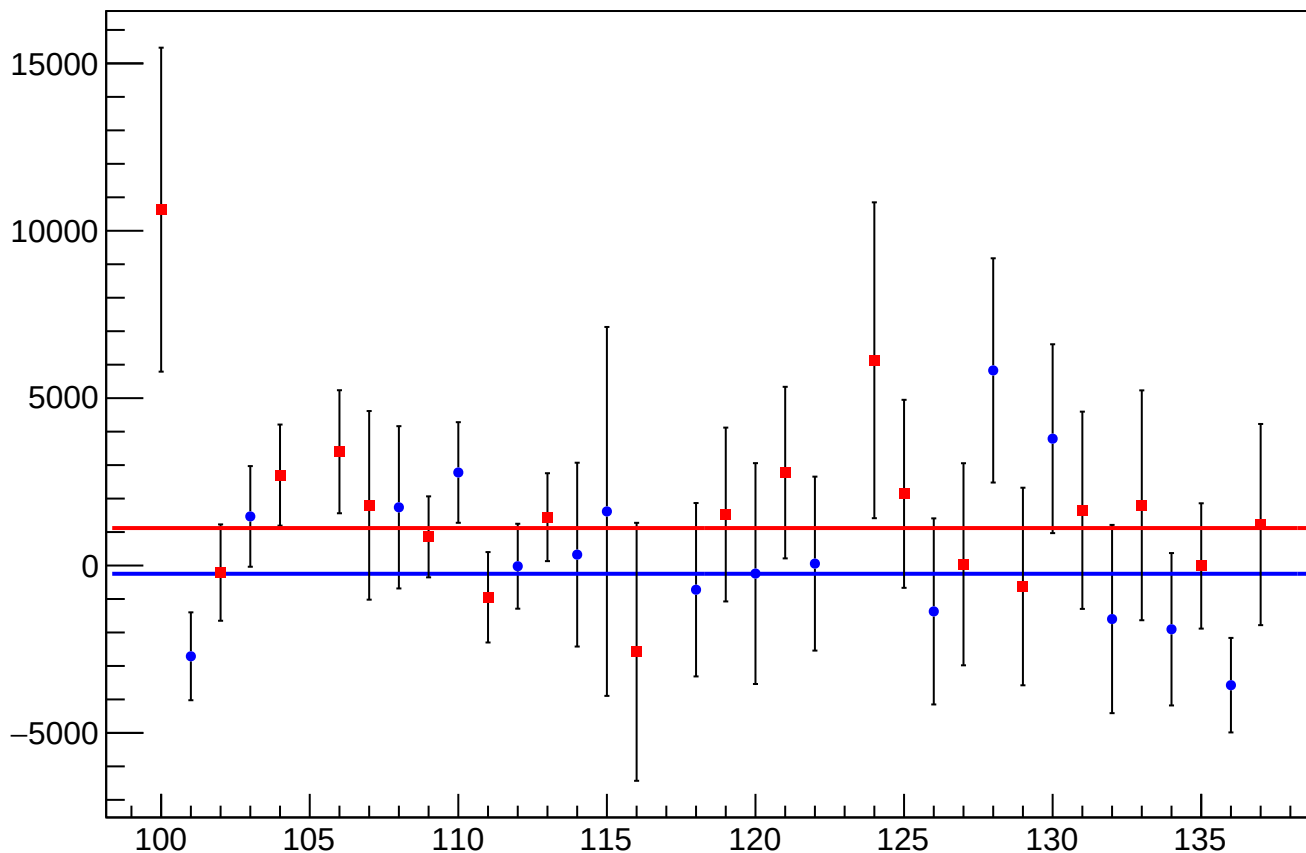
Right: 133.875 $\pm$ 0.025 χ^2 /NDF: 913698.6/34

In: 134.771 $\pm$ 0.036 χ^2 /NDF:416778.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 133.875 $\pm$ 0.025 χ^2 /NDF: 913698.6/34

asym_sam_48_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -246.357+/-501.413 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.420+/-468.400 χ^2/NDF : 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

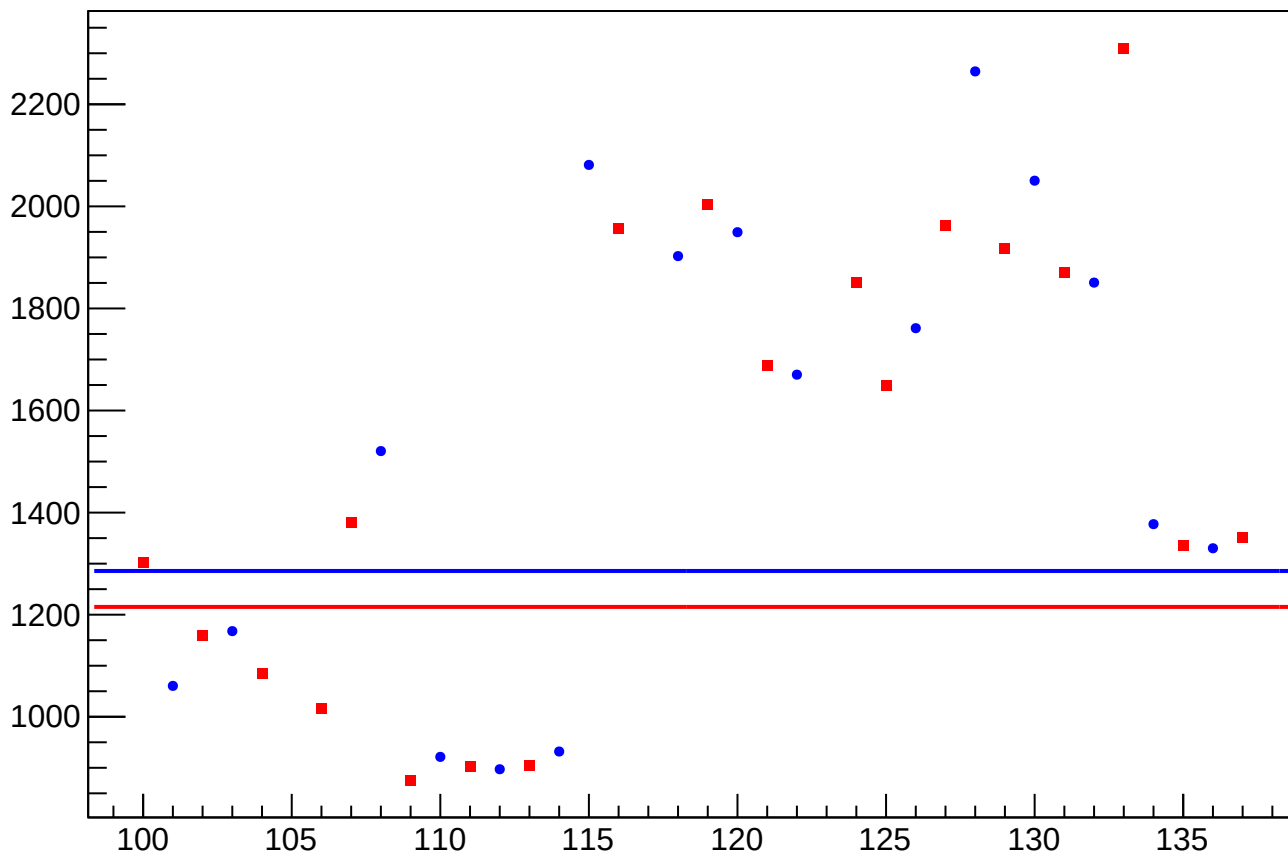
Right: 482.970+/-342.285 χ^2/NDF : 39.0/34

In: -246.357+/-501.413 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.970+/-342.285 χ^2/NDF : 39.0/34

asym_sam_48_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1285.668+/-0.355 χ^2/NDF : 1170437.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1215.237+/-0.331 χ^2/NDF : 1386290.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

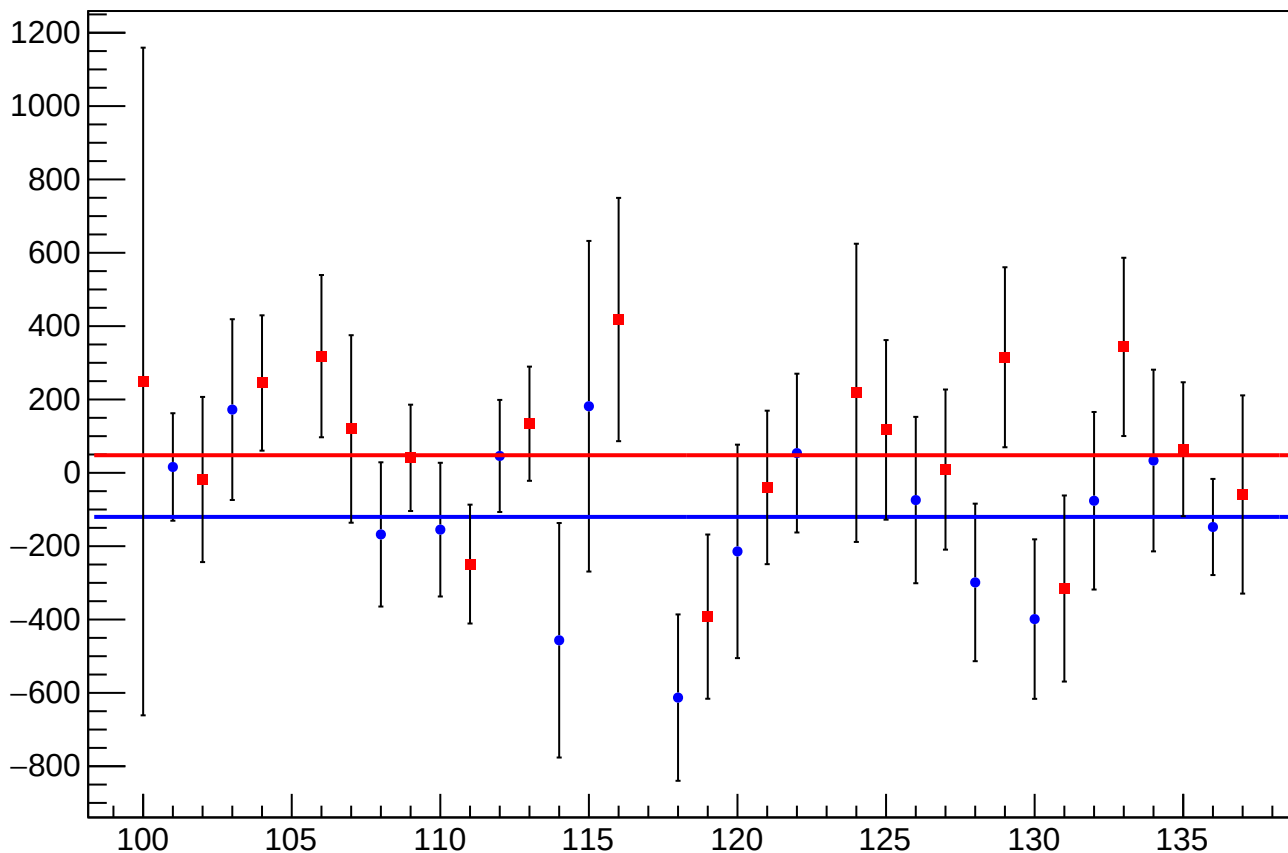
Right: 1248.058+/-0.242 χ^2/NDF : 2577799.9/34

In: 1285.668+/-0.355 χ^2/NDF : 1170437.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.058+/-0.242 χ^2/NDF : 2577799.9/34

cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -120.169 ± 51.103 χ^2/NDF : 13.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 48.013 ± 49.919 χ^2/NDF : 17.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

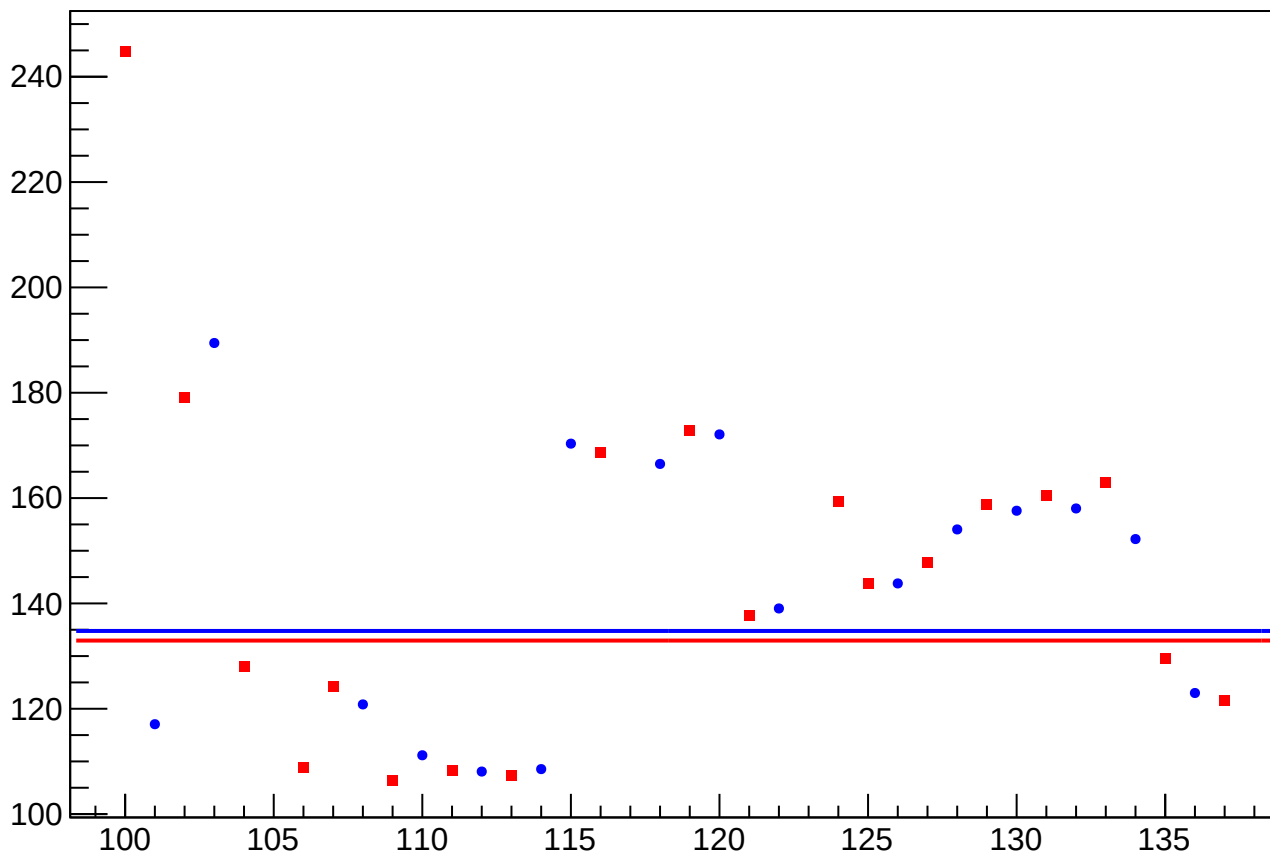
Right: -34.107 ± 35.709 χ^2/NDF : 35.9/34

In: -120.169 ± 51.103 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.107 ± 35.709 χ^2/NDF : 35.9/34

cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.771+/-0.036 χ^2/NDF : 416781.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.947+/-0.035 χ^2/NDF : 498850.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

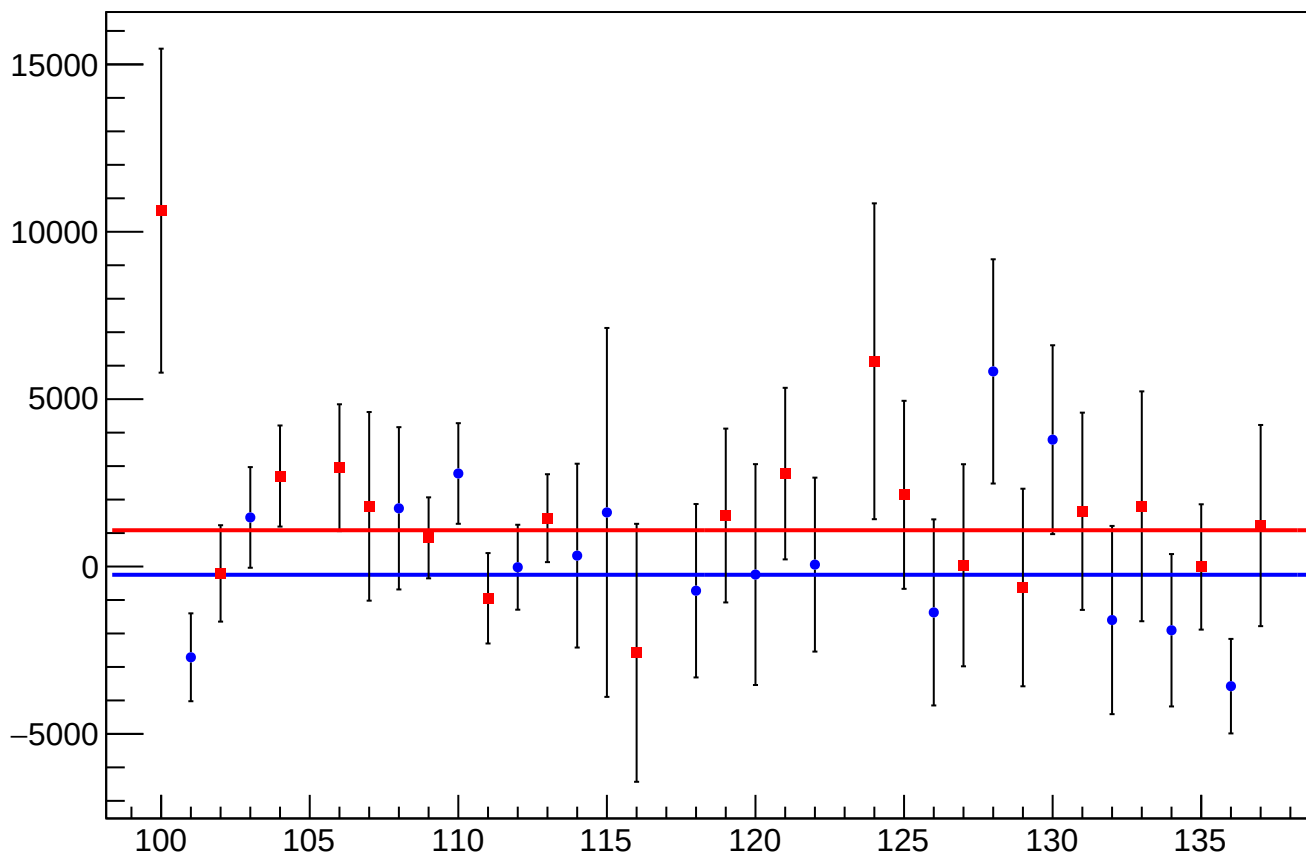
Right: 133.838+/-0.025 χ^2/NDF : 916936.5/34

In: 134.771+/-0.036 χ^2/NDF : 416781.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.838+/-0.025 χ^2/NDF : 916936.5/34

asym_sam_48_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.428+/-501.418 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1084.094+/-469.323 χ^2/NDF : 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

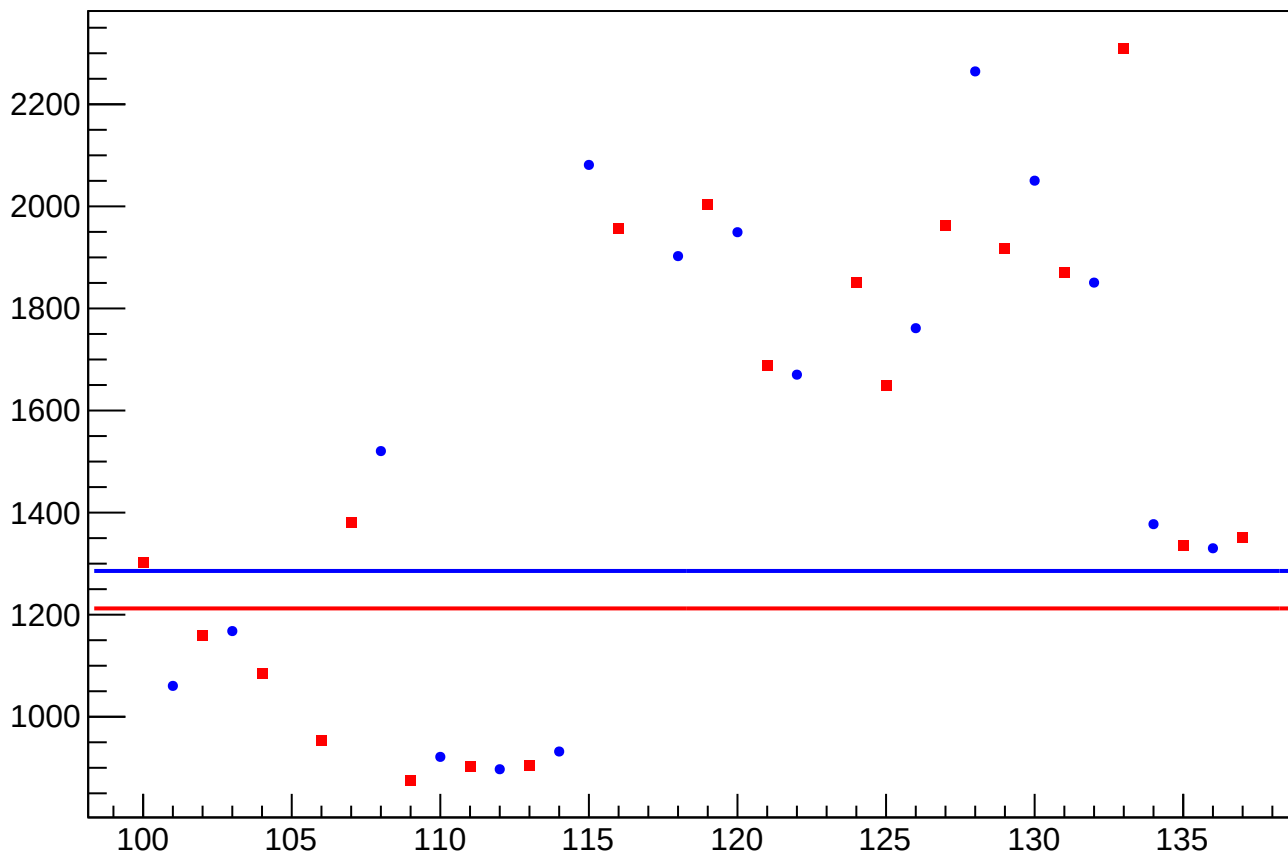
Right: 462.775+/-342.647 χ^2/NDF : 38.1/34

In: -246.428+/-501.418 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.775+/-342.647 χ^2/NDF : 38.1/34

asym_sam_48_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.276+/-0.332 χ^2/NDF : 1400635.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

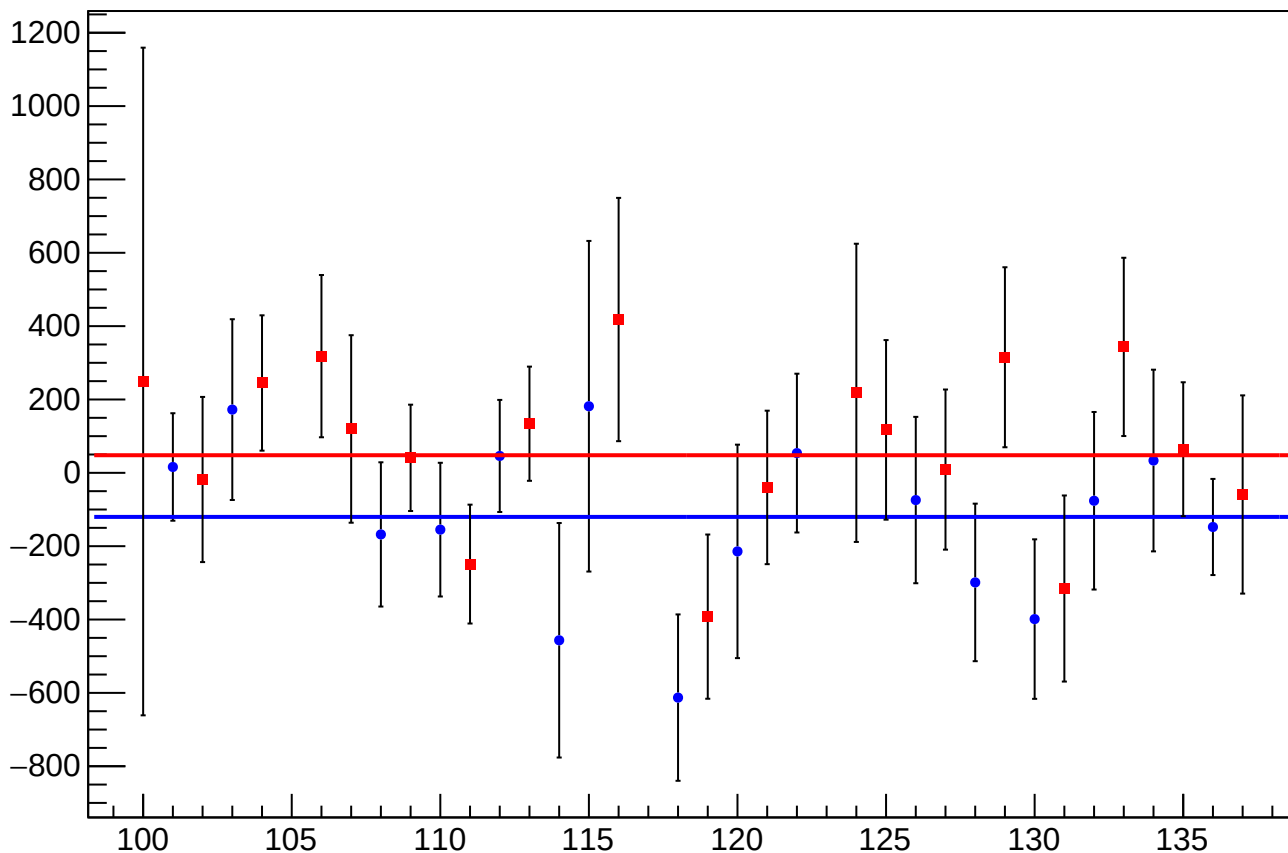
Right: 1246.554+/-0.242 χ^2/NDF : 2593895.7/34

In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.554+/-0.242 χ^2/NDF : 2593895.7/34

eigen_cor_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -120.169+/-51.103 χ^2/NDF : 13.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.013+/-49.919 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

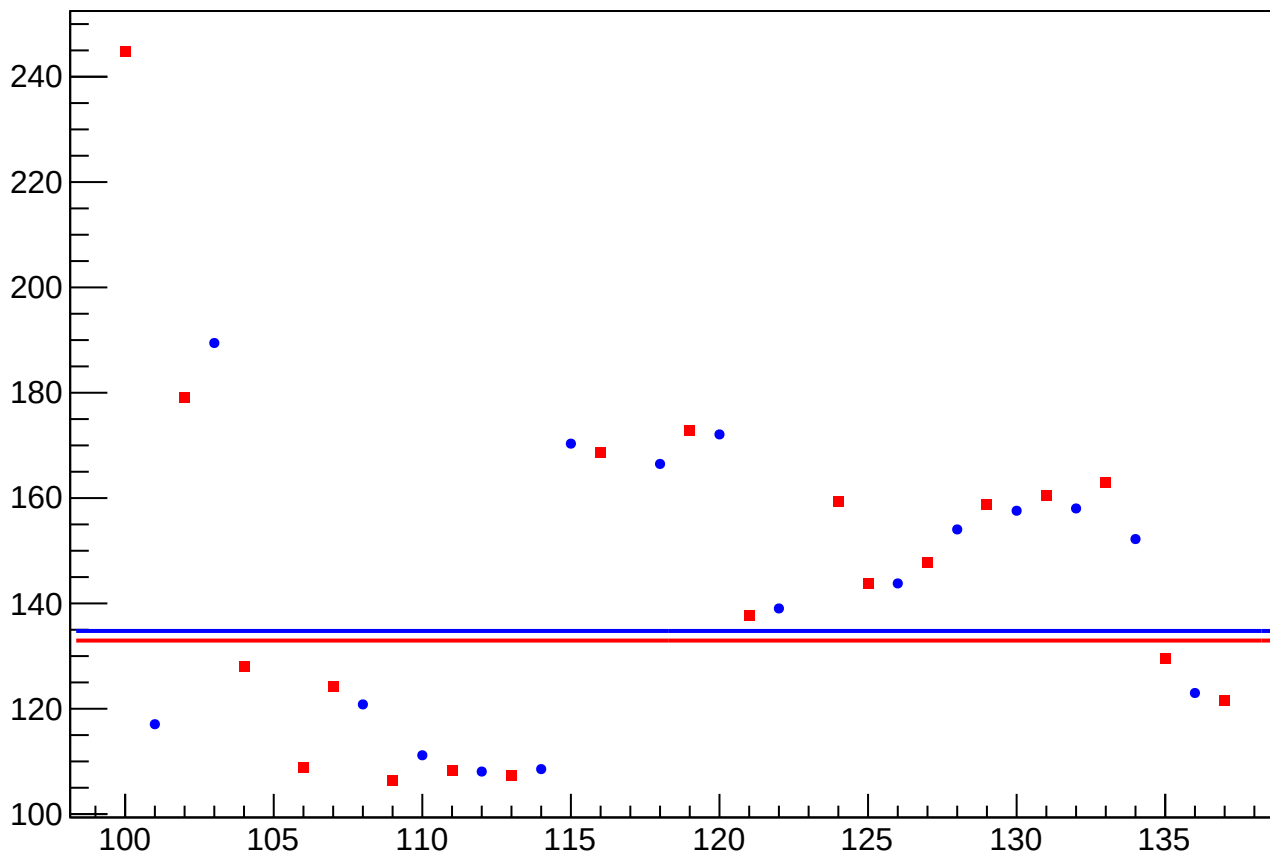
Right: -34.107+/-35.709 χ^2/NDF : 35.9/34

In: -120.169+/-51.103 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -34.107+/-35.709 χ^2/NDF : 35.9/34

eigen_cor_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.771+/-0.036 χ^2/NDF : 416781.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 132.947+/-0.035 χ^2/NDF : 498850.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

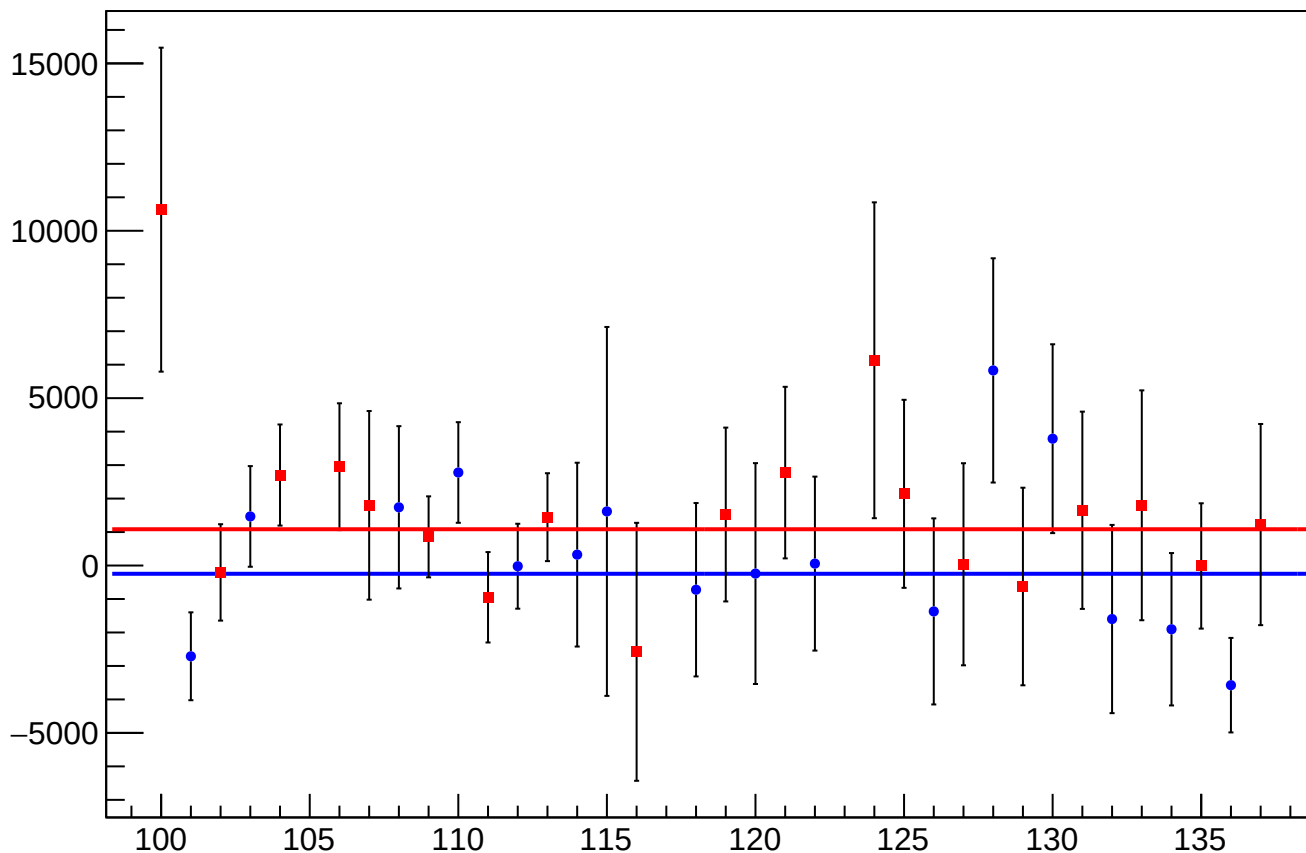
Right: 133.838+/-0.025 χ^2/NDF : 916936.5/34

In: 134.771+/-0.036 χ^2/NDF :416781.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 133.838+/-0.025 χ^2/NDF : 916936.5/34

asym_sam_48_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -246.428+/-501.418 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1084.094+/-469.323 χ^2/NDF : 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

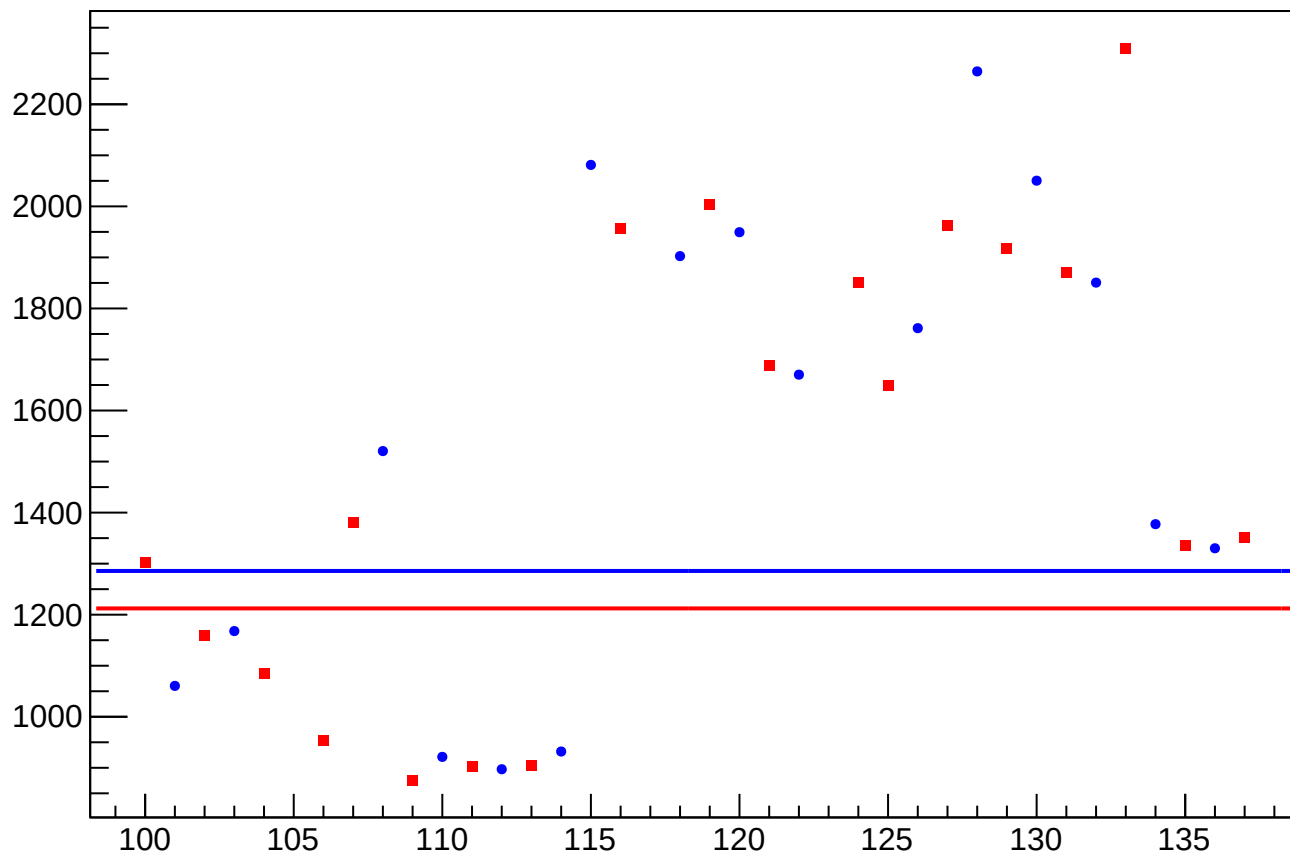
Right: 462.775+/-342.647 χ^2/NDF : 38.1/34

In: -246.428+/-501.418 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.775+/-342.647 χ^2/NDF : 38.1/34

asym_sam_48_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1212.276+/-0.332 χ^2/NDF : 1400635.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

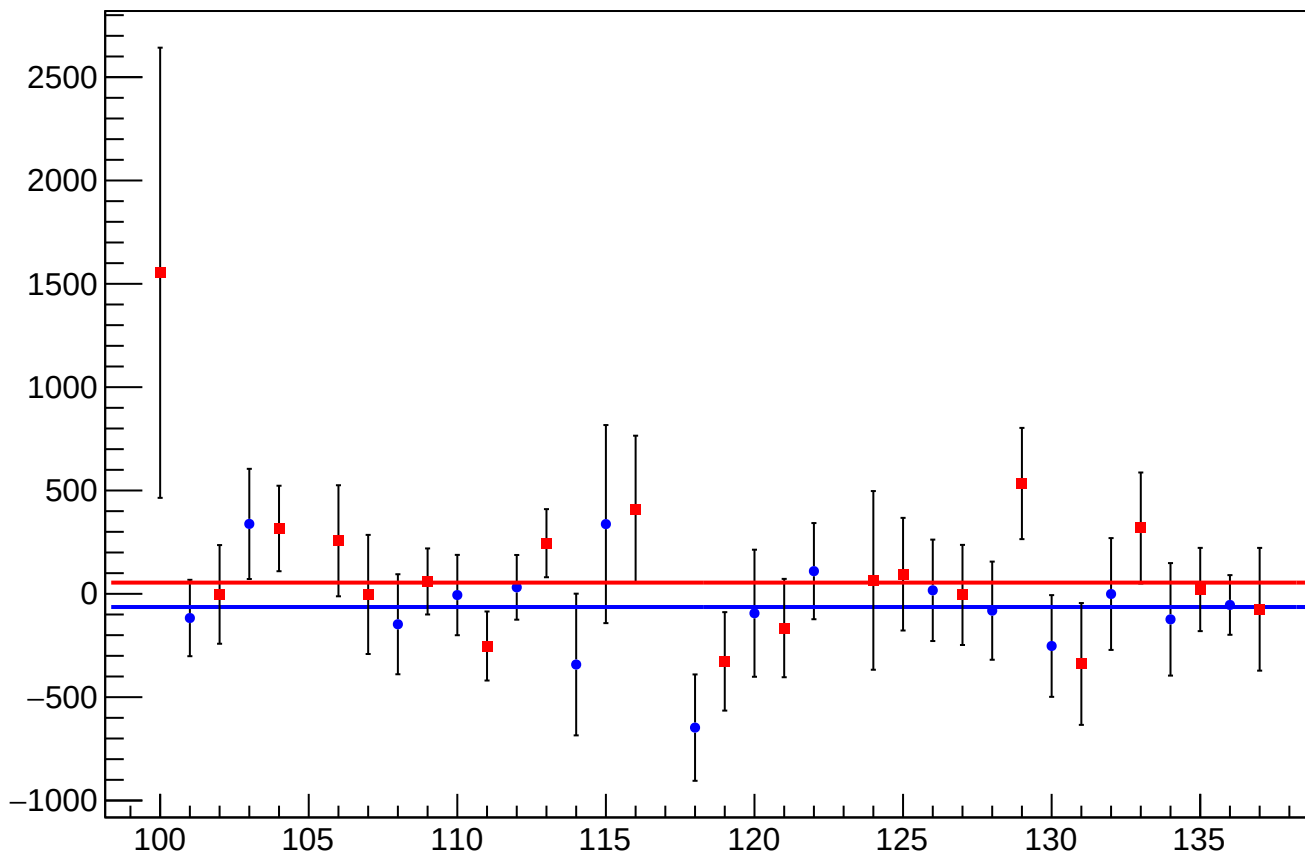
Right: 1246.554+/-0.242 χ^2/NDF : 2593895.7/34

In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.554+/-0.242 χ^2/NDF : 2593895.7/34

dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -63.781 ± 56.734 χ^2/NDF : 10.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 54.305 ± 54.743 χ^2/NDF : 19.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

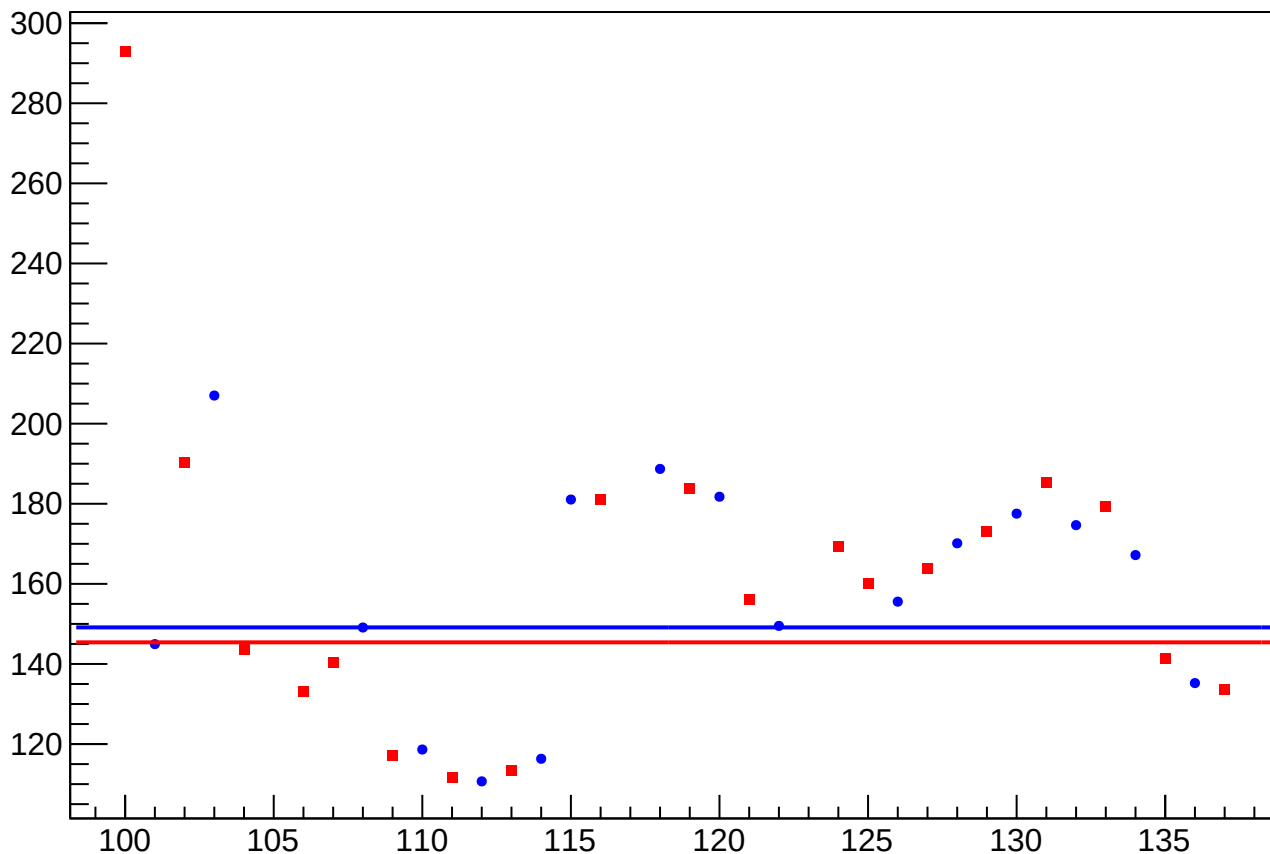
Right: -2.630 ± 39.394 χ^2/NDF : 32.6/34

In: -63.781 ± 56.734 χ^2/NDF : 10.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.630 ± 39.394 χ^2/NDF : 32.6/34

dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.130+/-0.040 χ^2/NDF : 451003.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.399+/-0.039 χ^2/NDF : 525820.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

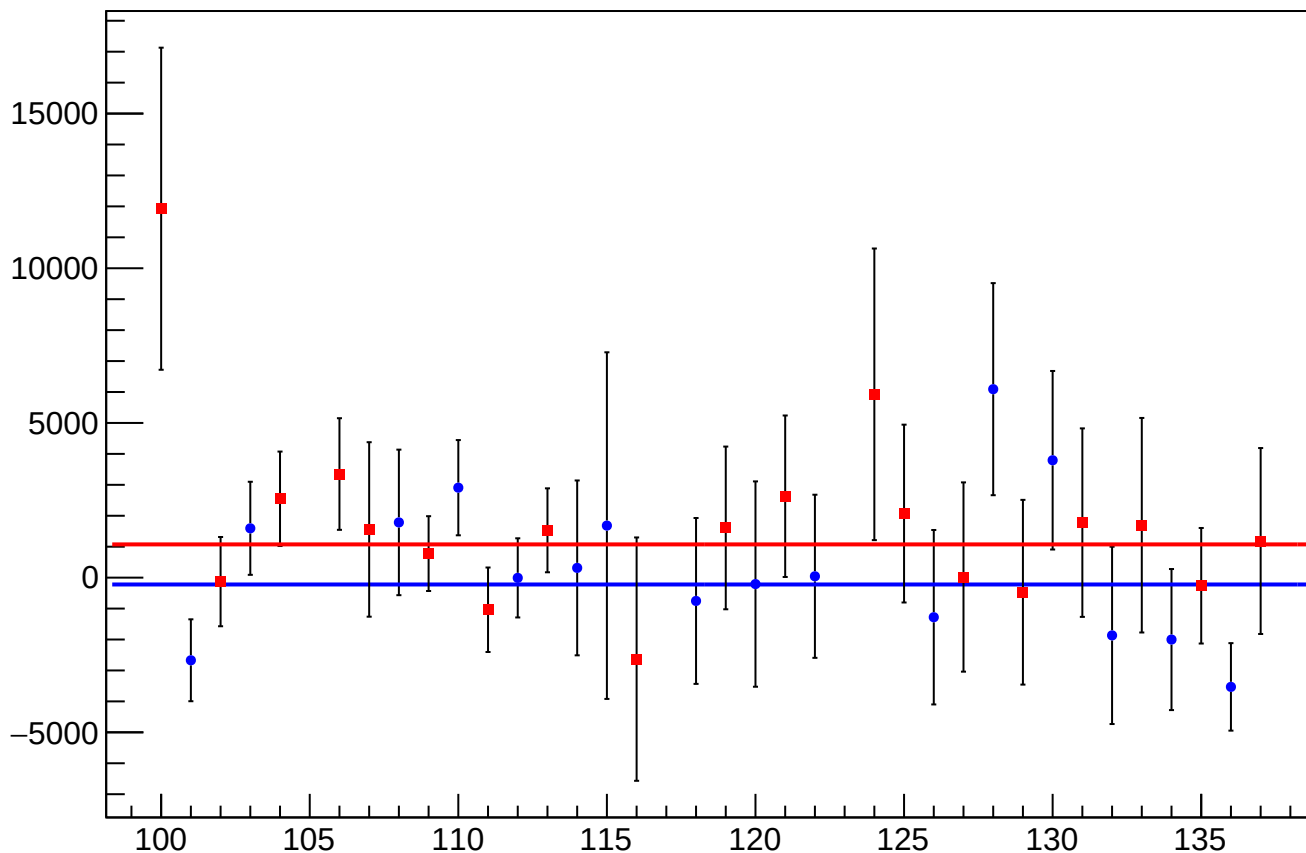
Right: 147.198+/-0.028 χ^2/NDF : 981303.1/34

In: 149.130+/-0.040 χ^2/NDF : 451003.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.198+/-0.028 χ^2/NDF : 981303.1/34

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -221.240 $\pm$ 506.202 χ^2 /NDF: 21.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1074.433 $\pm$ 472.816 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

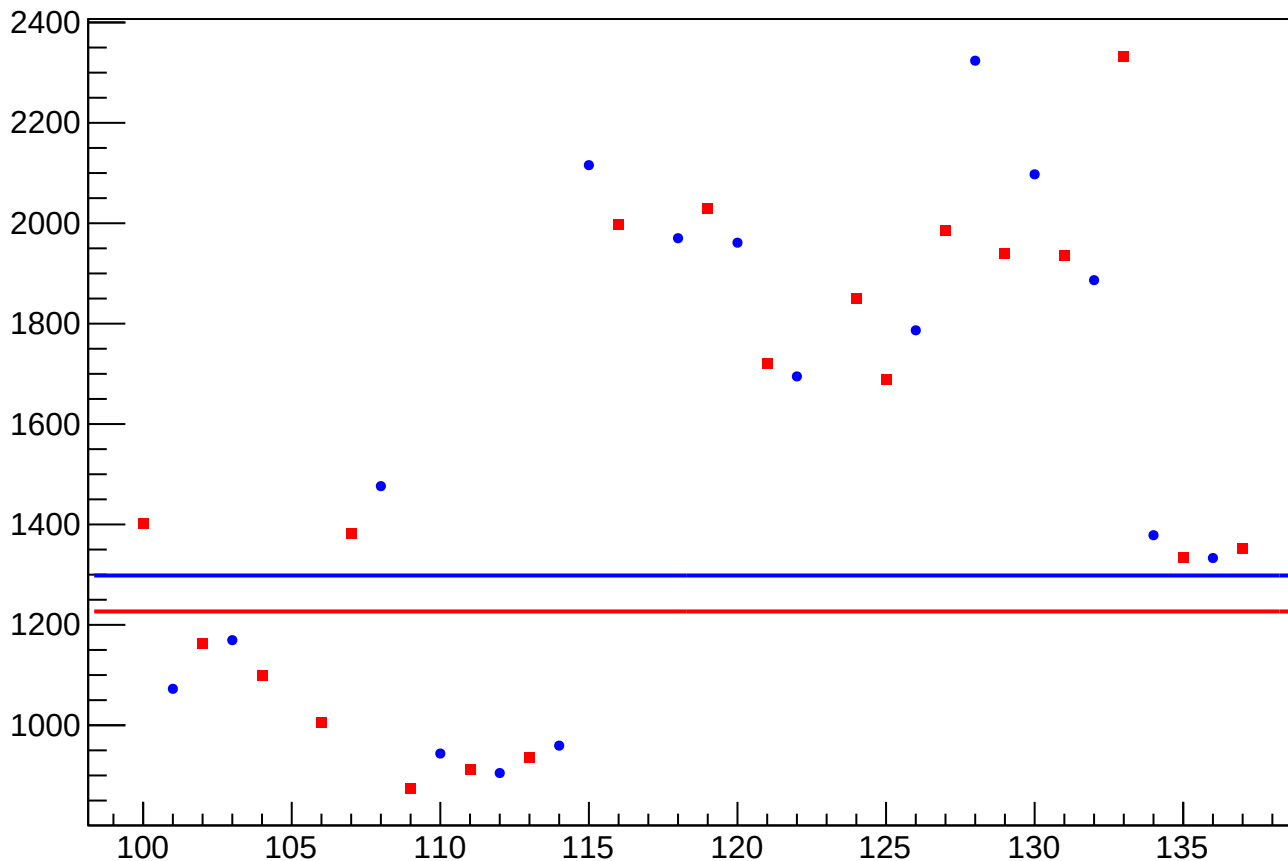
Right: 470.729 $\pm$ 345.532 χ^2 /NDF: 39.0/34

In: -221.240 $\pm$ 506.202 χ^2 /NDF:21.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 470.729 $\pm$ 345.532 χ^2 /NDF: 39.0/34

asym_sam_48_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.293+/-0.358 χ^2/NDF : 1182123.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1226.729+/-0.334 χ^2/NDF : 1404521.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

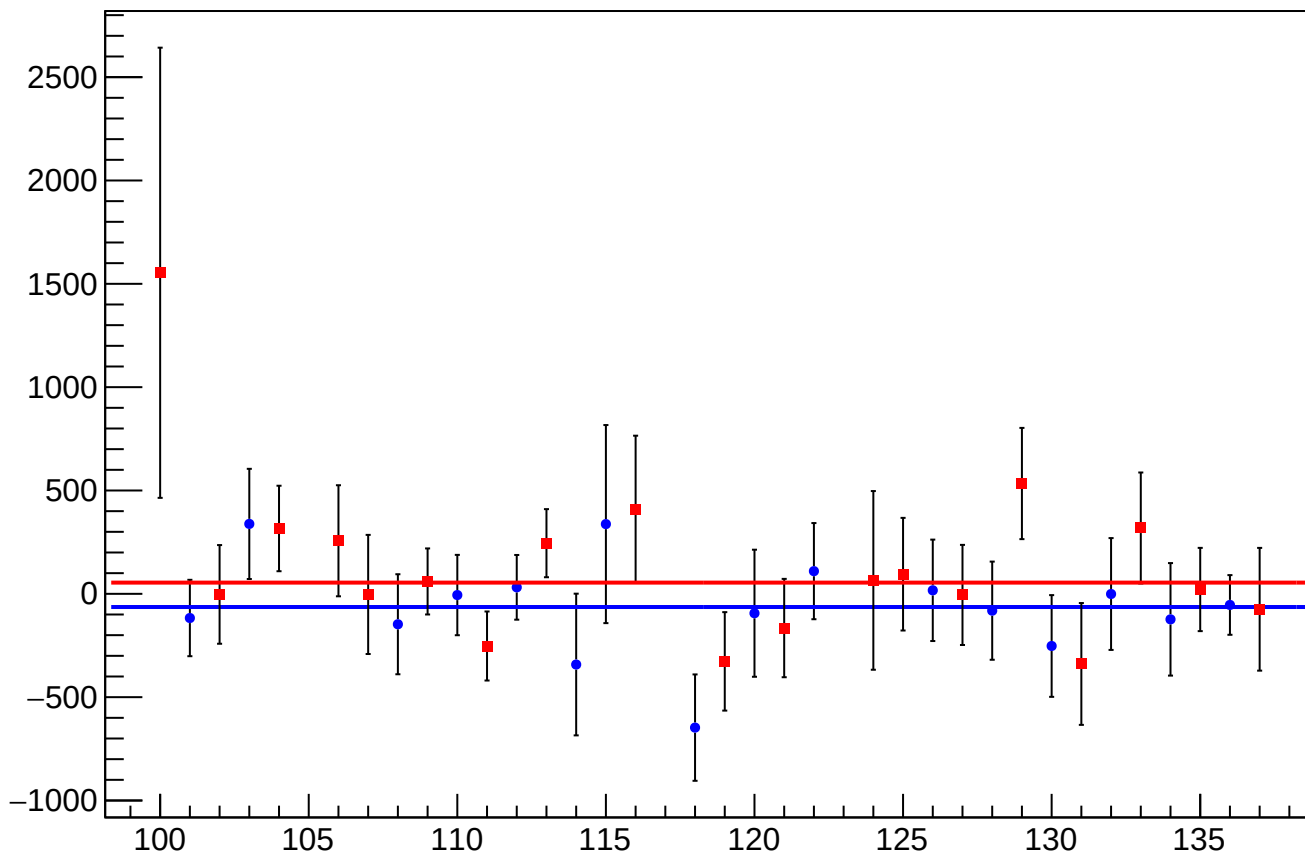
Right: 1260.073+/-0.244 χ^2/NDF : 2607993.3/34

In: 1298.293+/-0.358 χ^2/NDF : 1182123.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.073+/-0.244 χ^2/NDF : 2607993.3/34

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -63.778 $\pm$ 56.734 χ^2 /NDF: 10.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 54.304 $\pm$ 54.743 χ^2 /NDF: 19.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

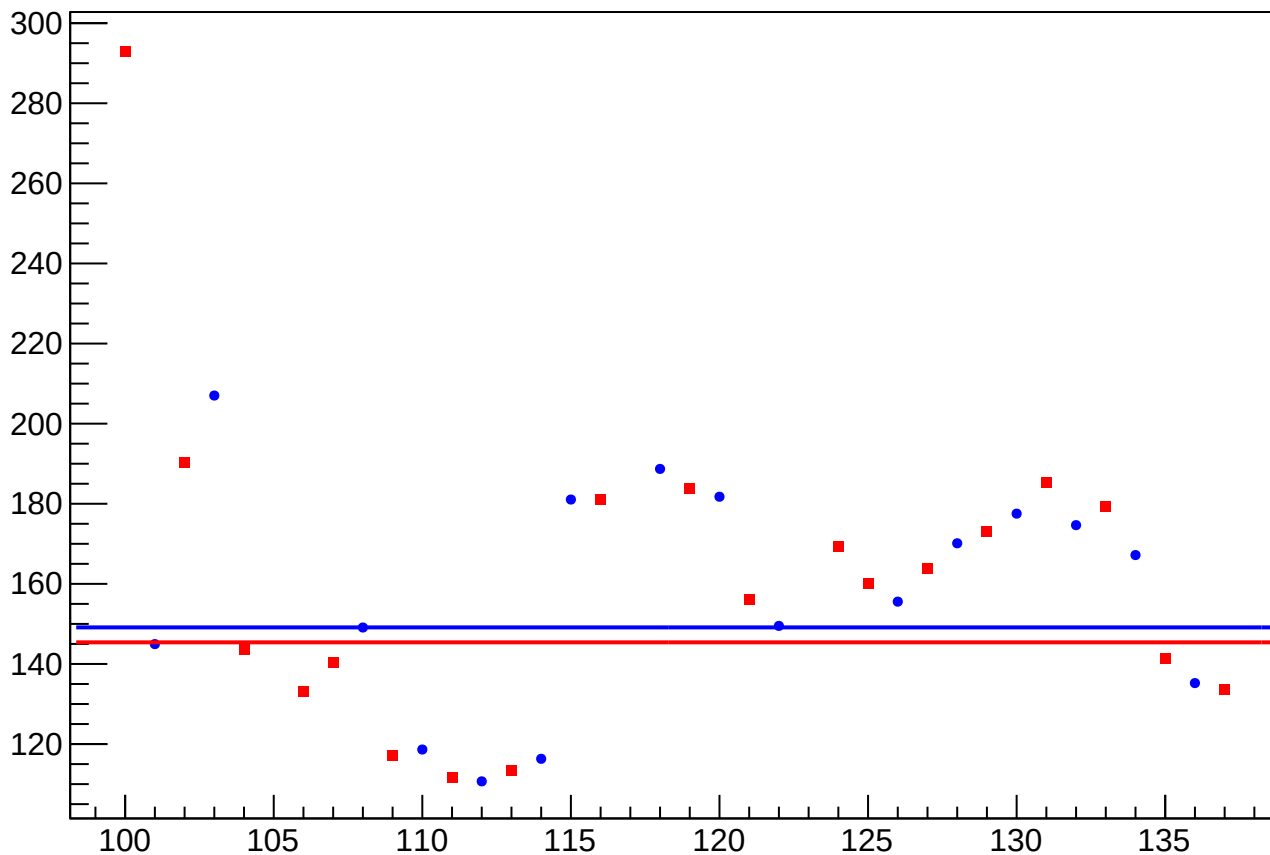
Right: -2.629 $\pm$ 39.394 χ^2 /NDF: 32.6/34

In: -63.778 $\pm$ 56.734 χ^2 /NDF:10.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -2.629 $\pm$ 39.394 χ^2 /NDF: 32.6/34

eigen_dit_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 149.130+/-0.040 χ^2/NDF : 451005.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.399+/-0.039 χ^2/NDF : 525822.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

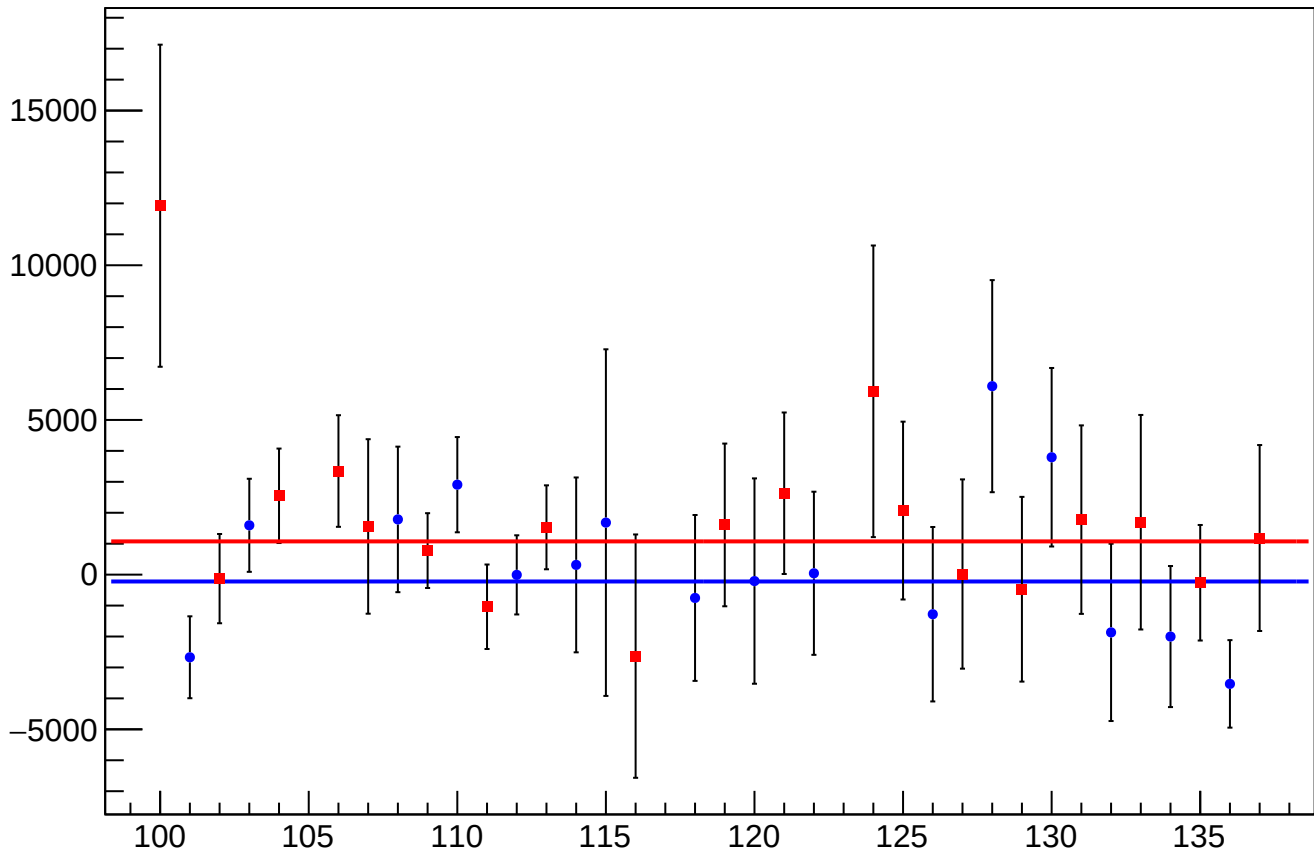
Right: 147.198+/-0.028 χ^2/NDF : 981307.0/34

In: 149.130+/-0.040 χ^2/NDF : 451005.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.198+/-0.028 χ^2/NDF : 981307.0/34

asym_sam_48_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -221.239+/-506.201 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1074.432+/-472.816 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

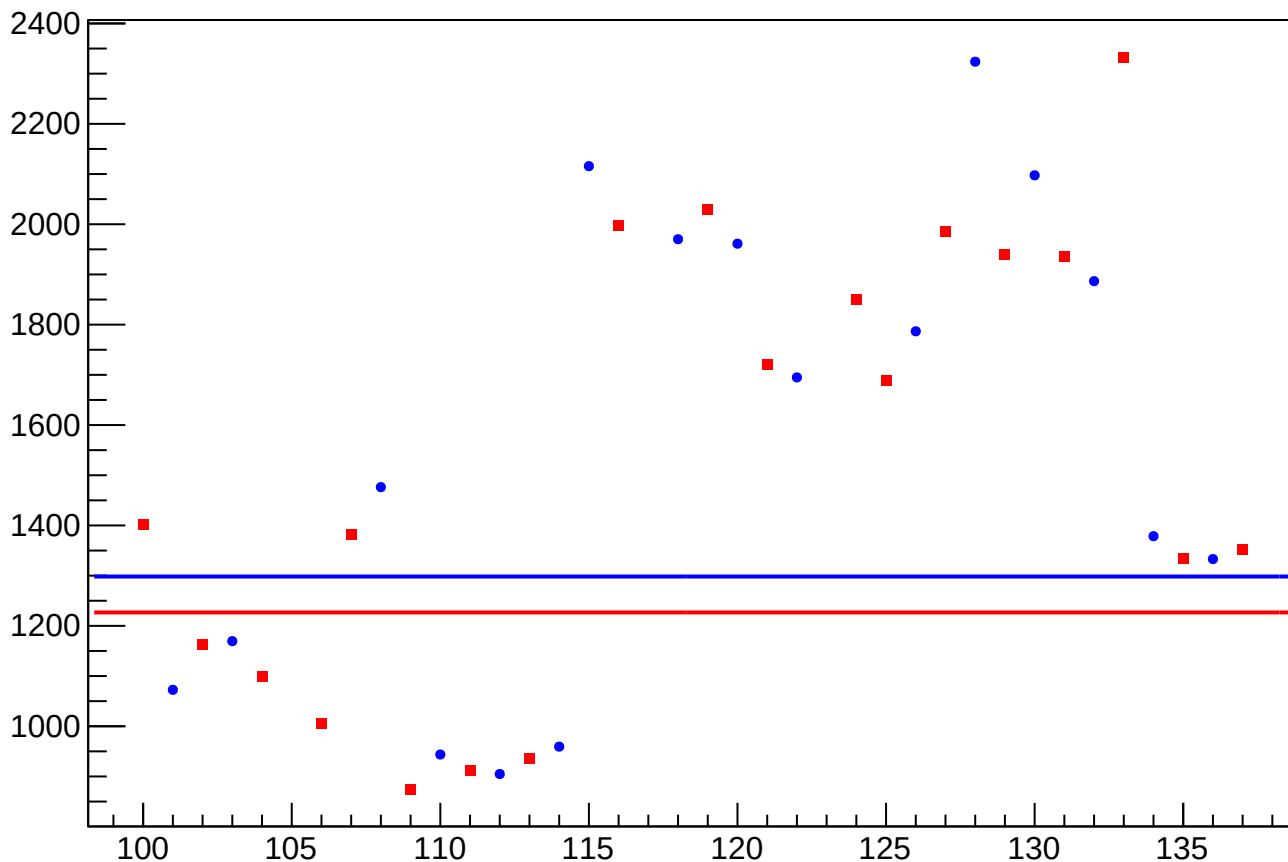
Right: 470.728+/-345.531 χ^2/NDF : 39.0/34

In: -221.239+/-506.201 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.728+/-345.531 χ^2/NDF : 39.0/34

asym_sam_48_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1298.292+/-0.358 χ^2/NDF : 1182127.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1226.727+/-0.334 χ^2/NDF : 1404524.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

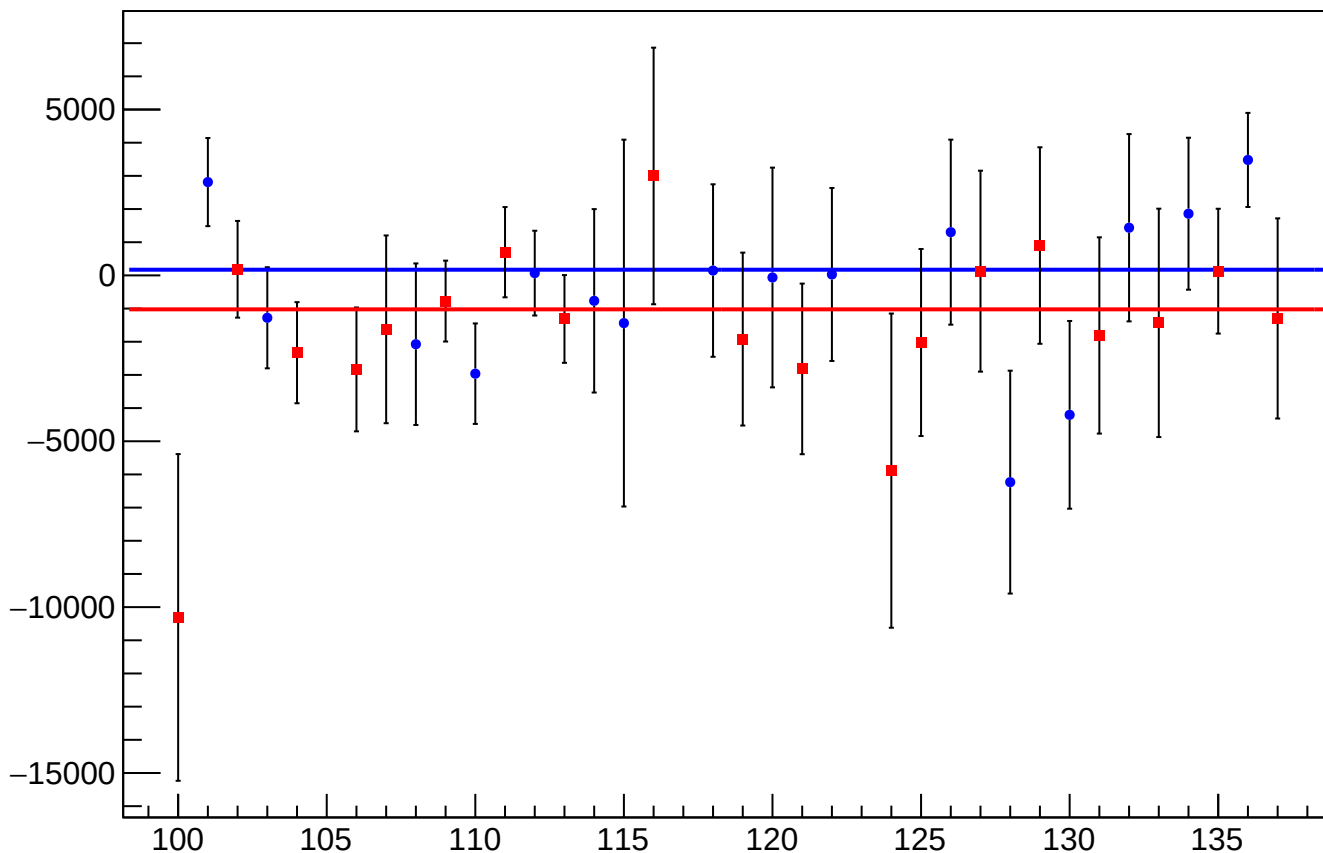
Right: 1260.072+/-0.244 χ^2/NDF : 2608000.5/34

In: 1298.292+/-0.358 χ^2/NDF : 1182127.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1260.072+/-0.244 χ^2/NDF : 2608000.5/34

asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: 171.056+/-505.136 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1023.699+/-472.008 χ^2/NDF : 11.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

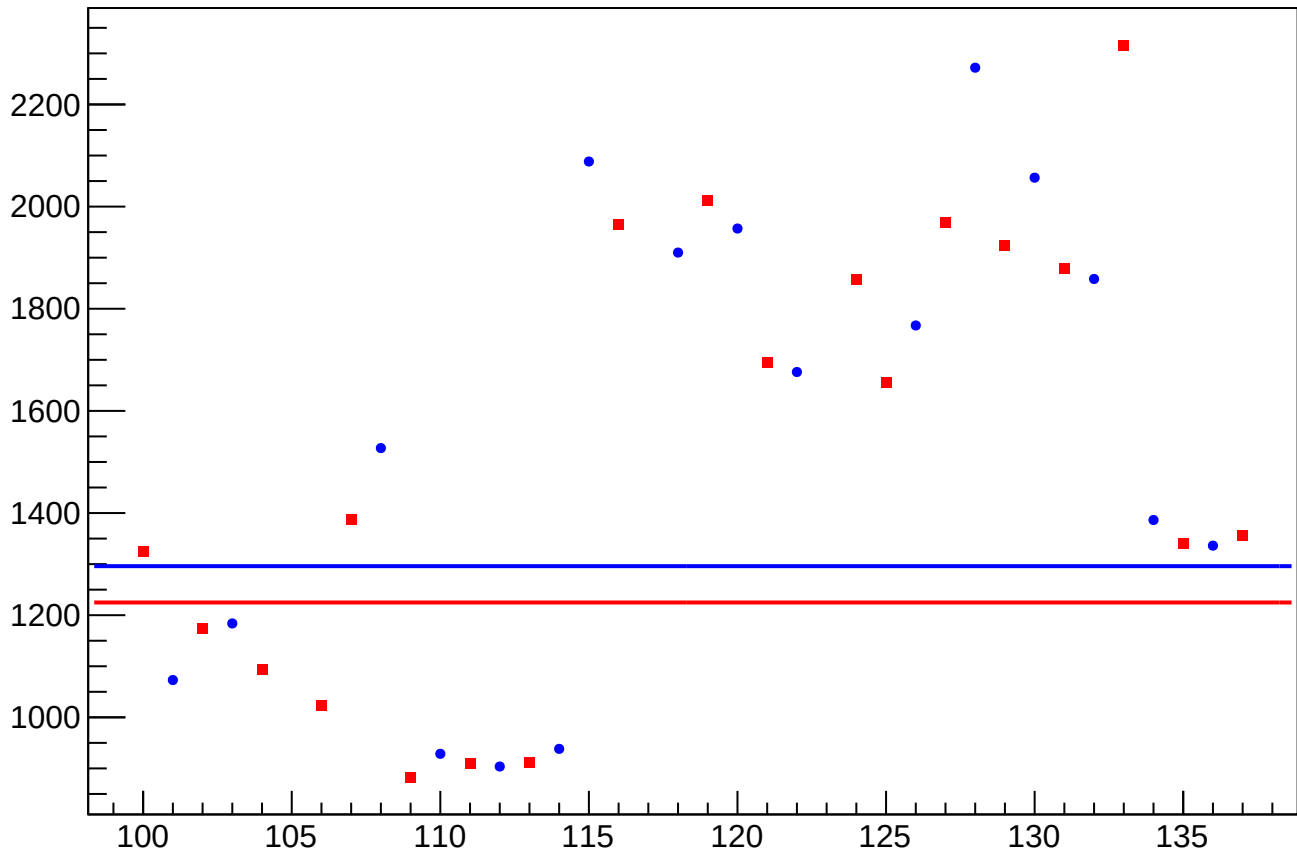
Right: -466.780+/-344.877 χ^2/NDF : 37.1/34

In: 171.056+/-505.136 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.780+/-344.877 χ^2/NDF : 37.1/34

asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 1295.987+/-0.357 χ^2/NDF : 1154185.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1224.872+/-0.334 χ^2/NDF : 1371285.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

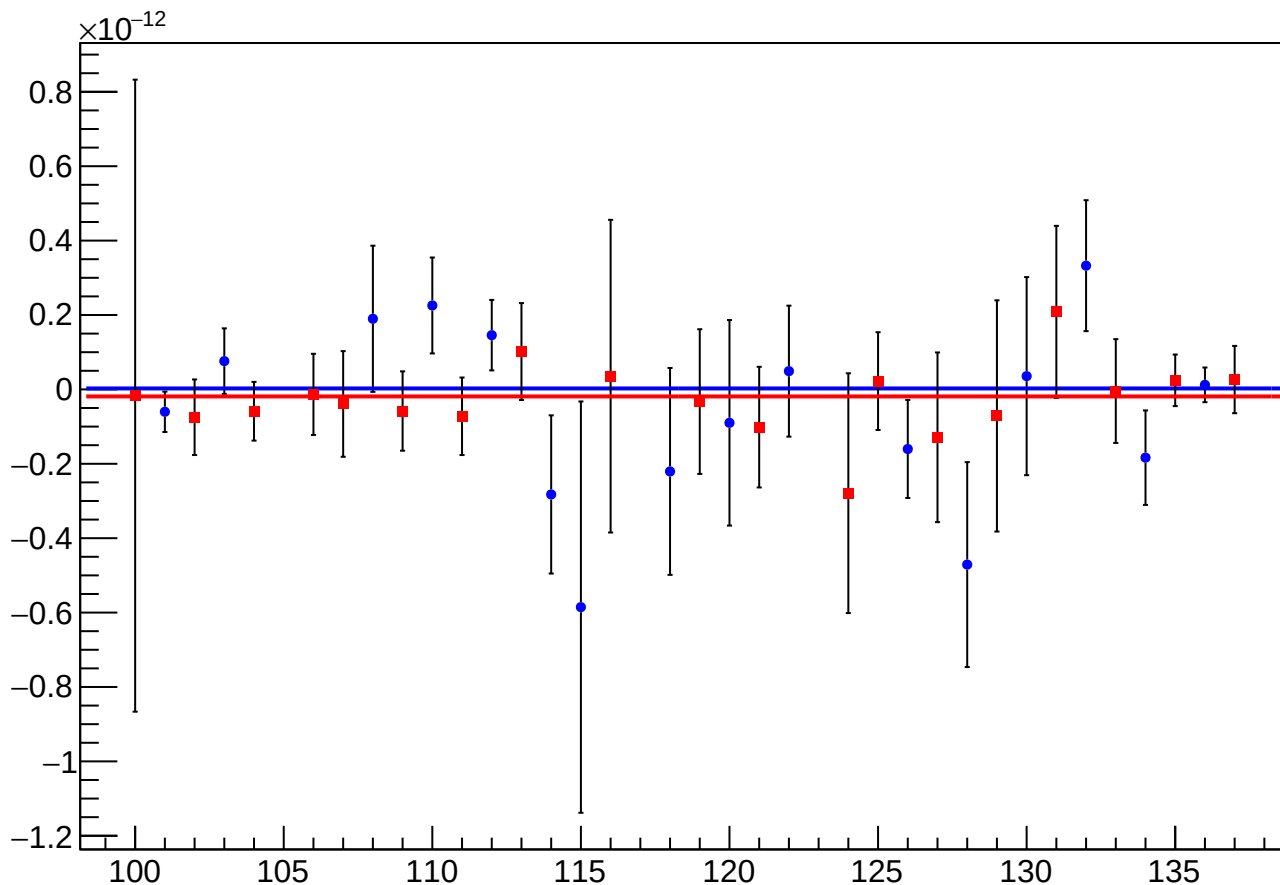
Right: 1258.021+/-0.244 χ^2/NDF : 2546633.6/34

In: 1295.987+/-0.357 χ^2/NDF : 1154185.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.021+/-0.244 χ^2/NDF : 2546633.6/34

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 22.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 4.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

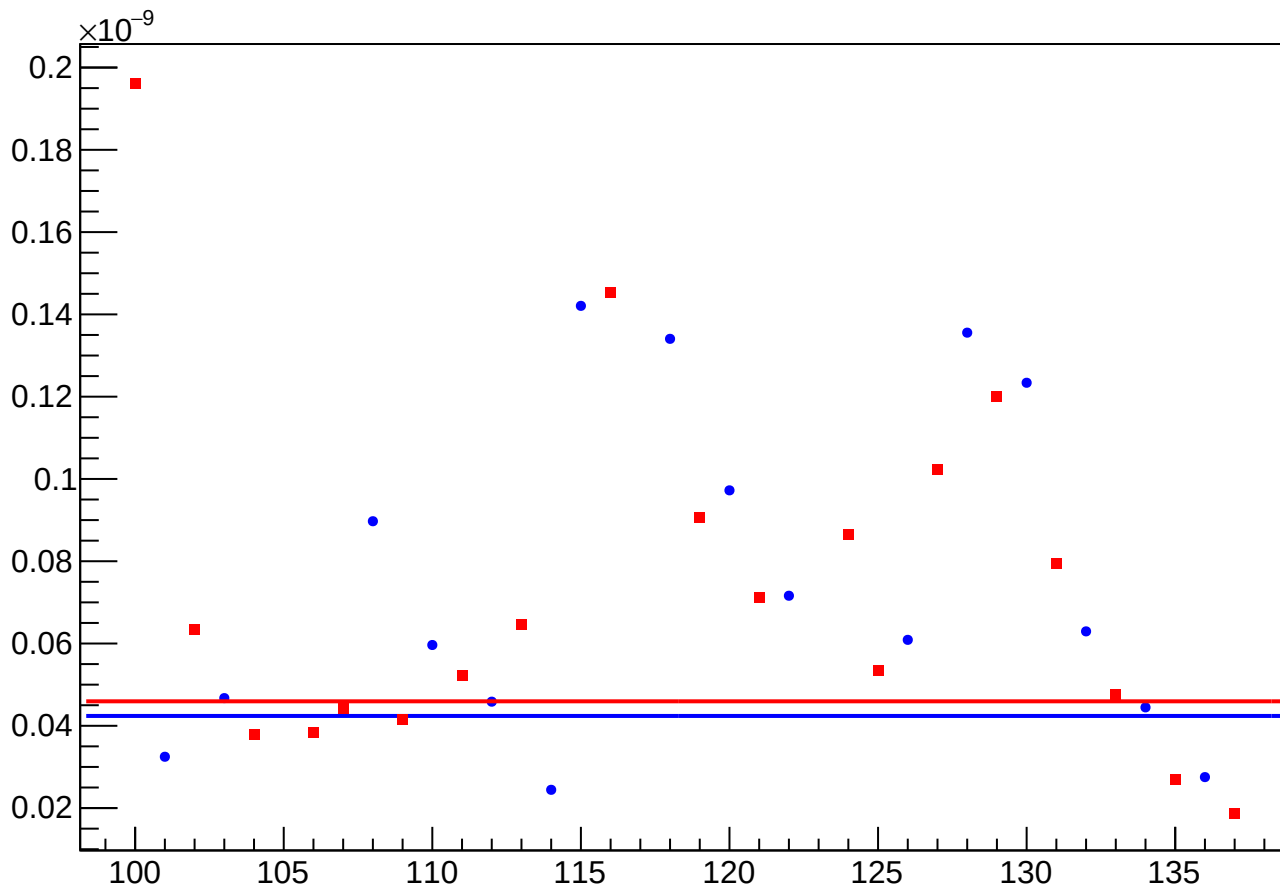
Right: -0.000+/-0.000 χ^2/NDF : 27.2/34

In: 0.000+/-0.000 χ^2/NDF : 22.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.2/34

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1341259.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1118551.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

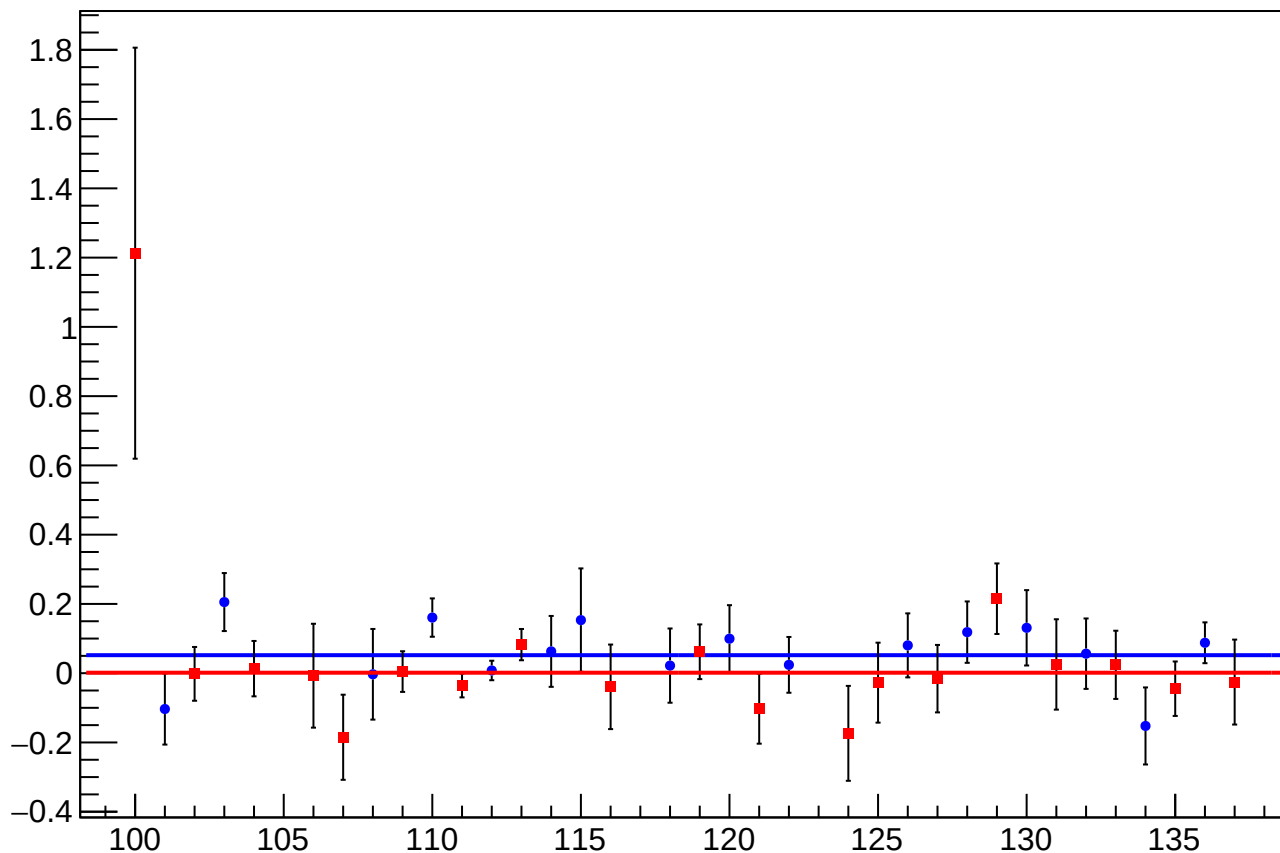
Right: 0.000+/-0.000 χ^2/NDF : 2476096.3/34

In: 0.000+/-0.000 χ^2/NDF : 1341259.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2476096.3/34

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052 $\pm$ 0.018 χ^2 /NDF: 18.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.018 χ^2 /NDF: 19.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

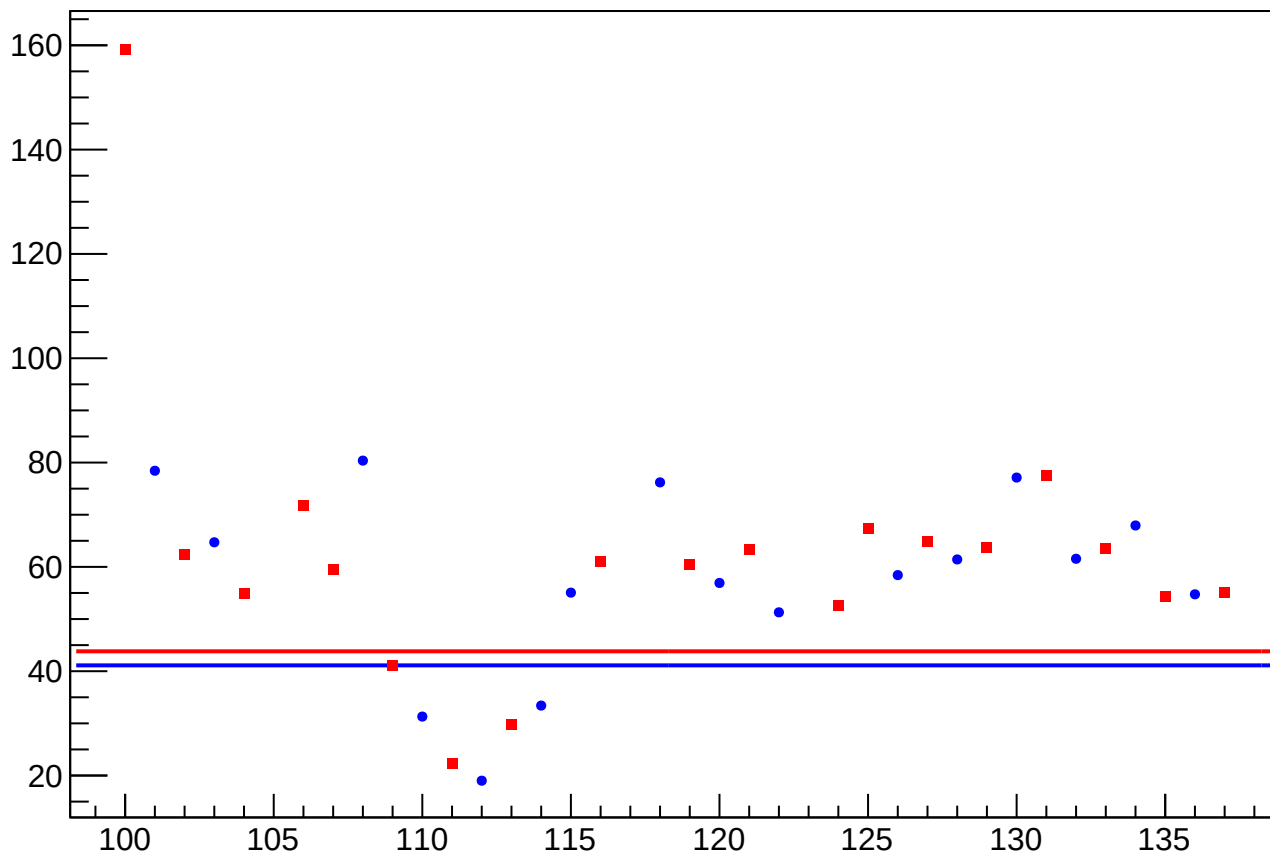
Right: 0.027 $\pm$ 0.013 χ^2 /NDF: 41.2/34

In: 0.052 $\pm$ 0.018 χ^2 /NDF:18.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.027 $\pm$ 0.013 χ^2 /NDF: 41.2/34

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.120+/-0.013 χ^2/NDF : 2925302.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.813+/-0.013 χ^2/NDF : 2048452.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

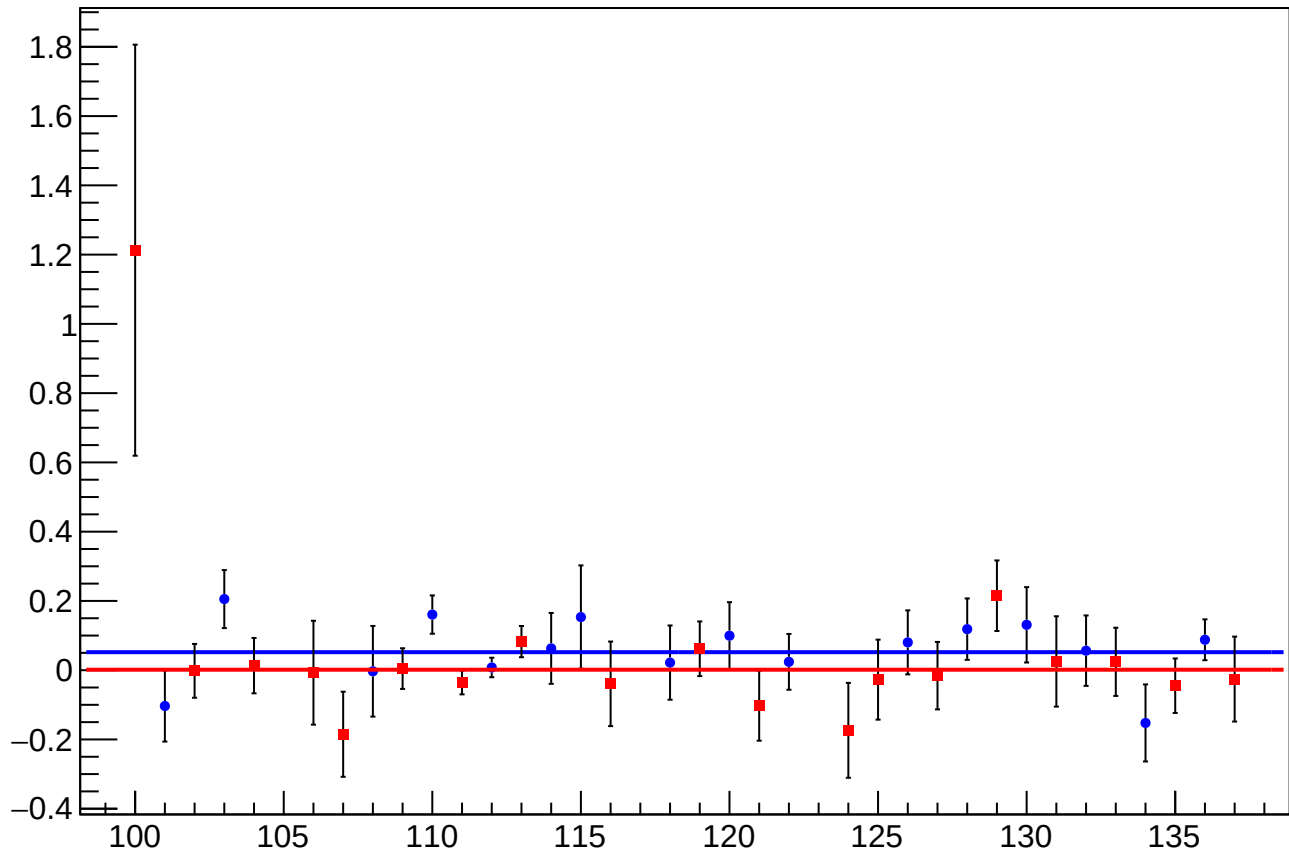
Right: 42.455+/-0.009 χ^2/NDF : 4996519.9/34

In: 41.120+/-0.013 χ^2/NDF : 2925302.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.455+/-0.009 χ^2/NDF : 4996519.9/34

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.018 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

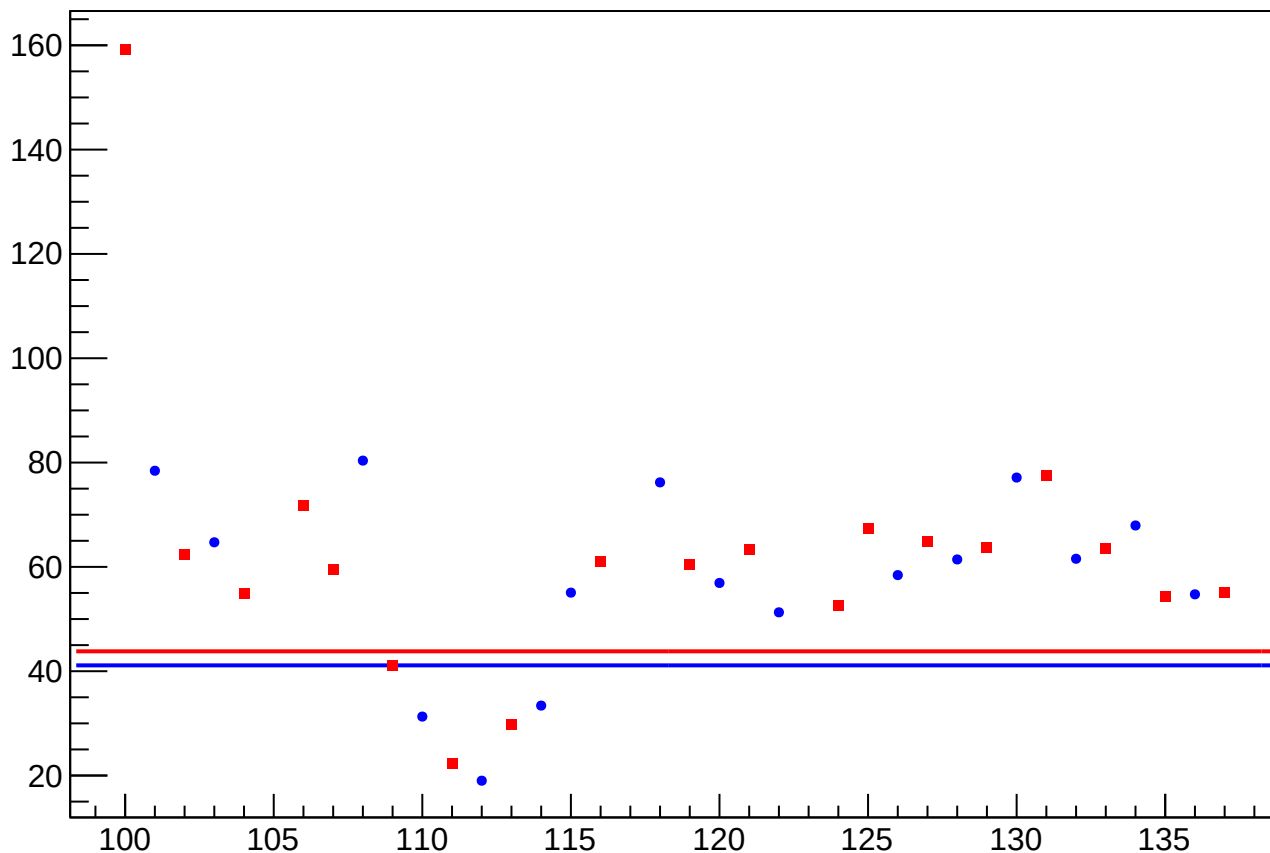
Right: 0.027+/-0.013 χ^2/NDF : 41.2/34

In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.013 χ^2/NDF : 41.2/34

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.120+/-0.013 χ^2/NDF : 2925302.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 43.813+/-0.013 χ^2/NDF : 2048452.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

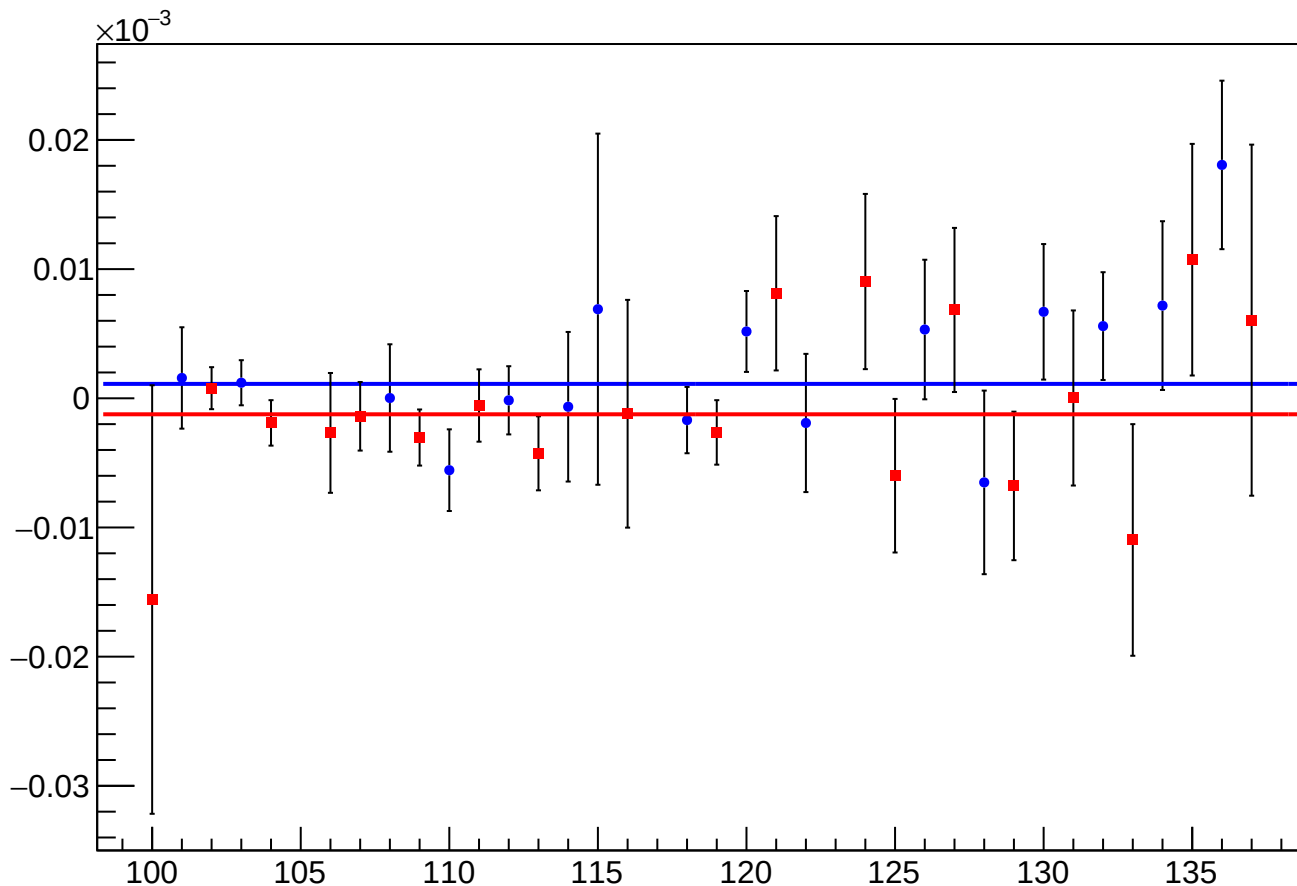
Right: 42.455+/-0.009 χ^2/NDF : 4996519.9/34

In: 41.120+/-0.013 χ^2/NDF :2925302.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 42.455+/-0.009 χ^2/NDF : 4996519.9/34

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

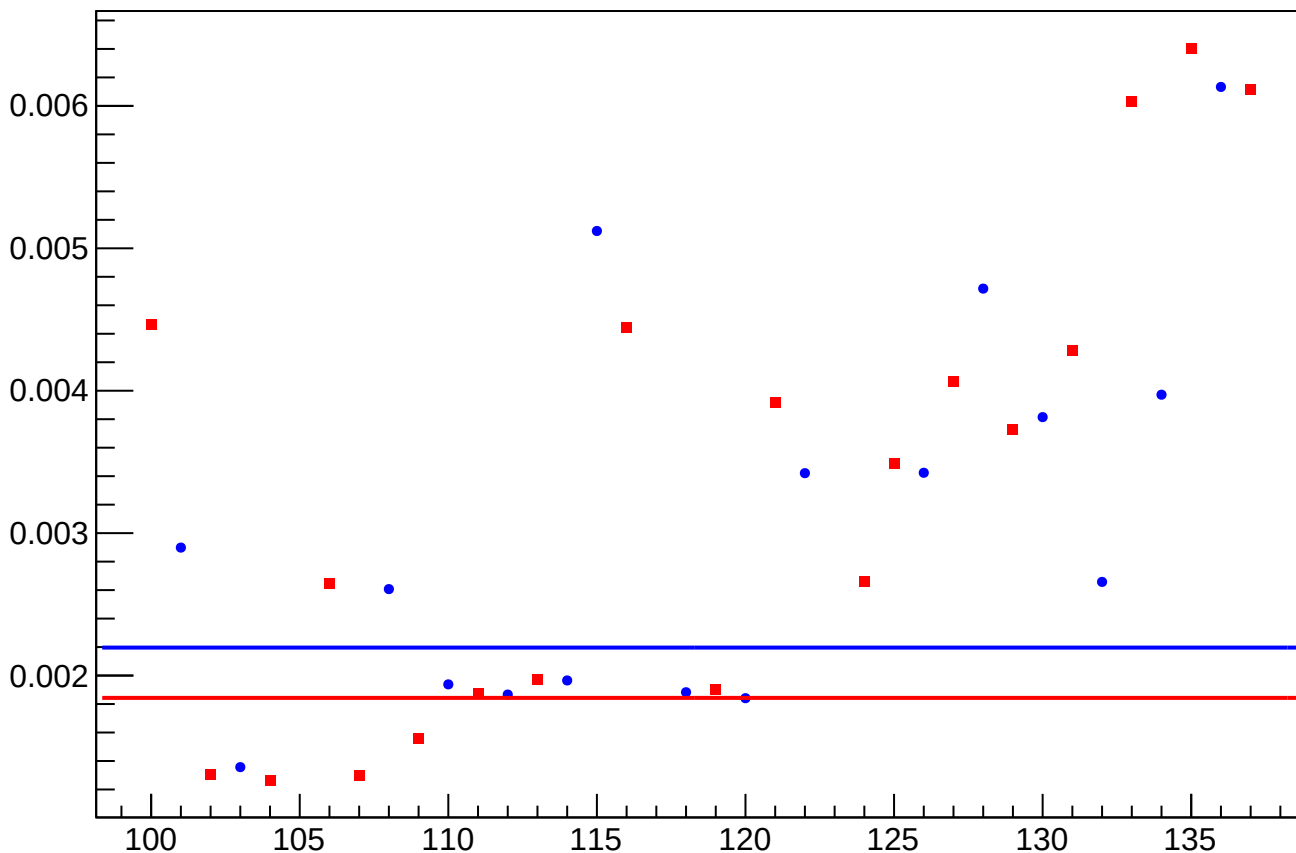
Right: -0.000+/-0.000 χ^2/NDF : 39.8/34

In: 0.000+/-0.000 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 39.8/34

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2292909.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3137598.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

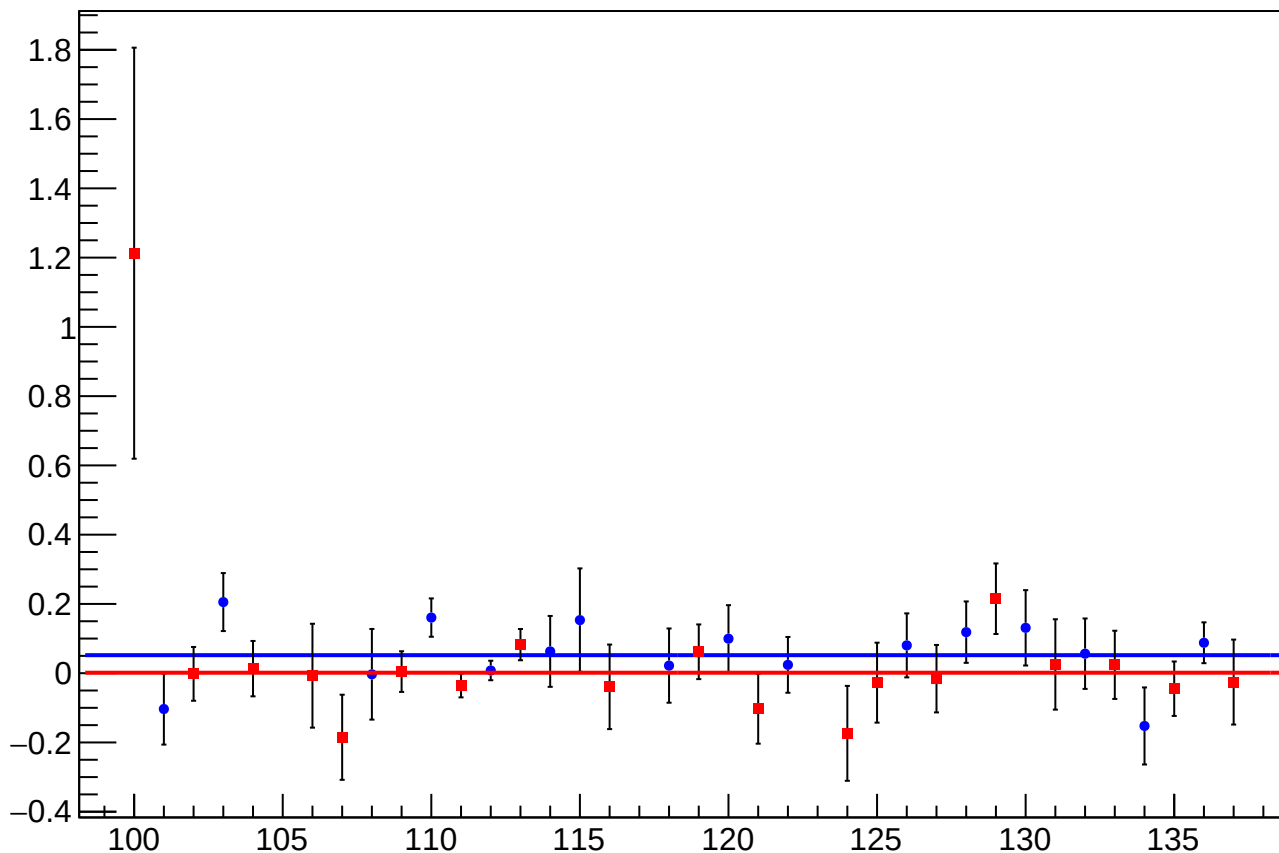
Right: 0.002+/-0.000 χ^2/NDF : 5607793.8/34

In: 0.002+/-0.000 χ^2/NDF :2292909.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 5607793.8/34

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.018 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

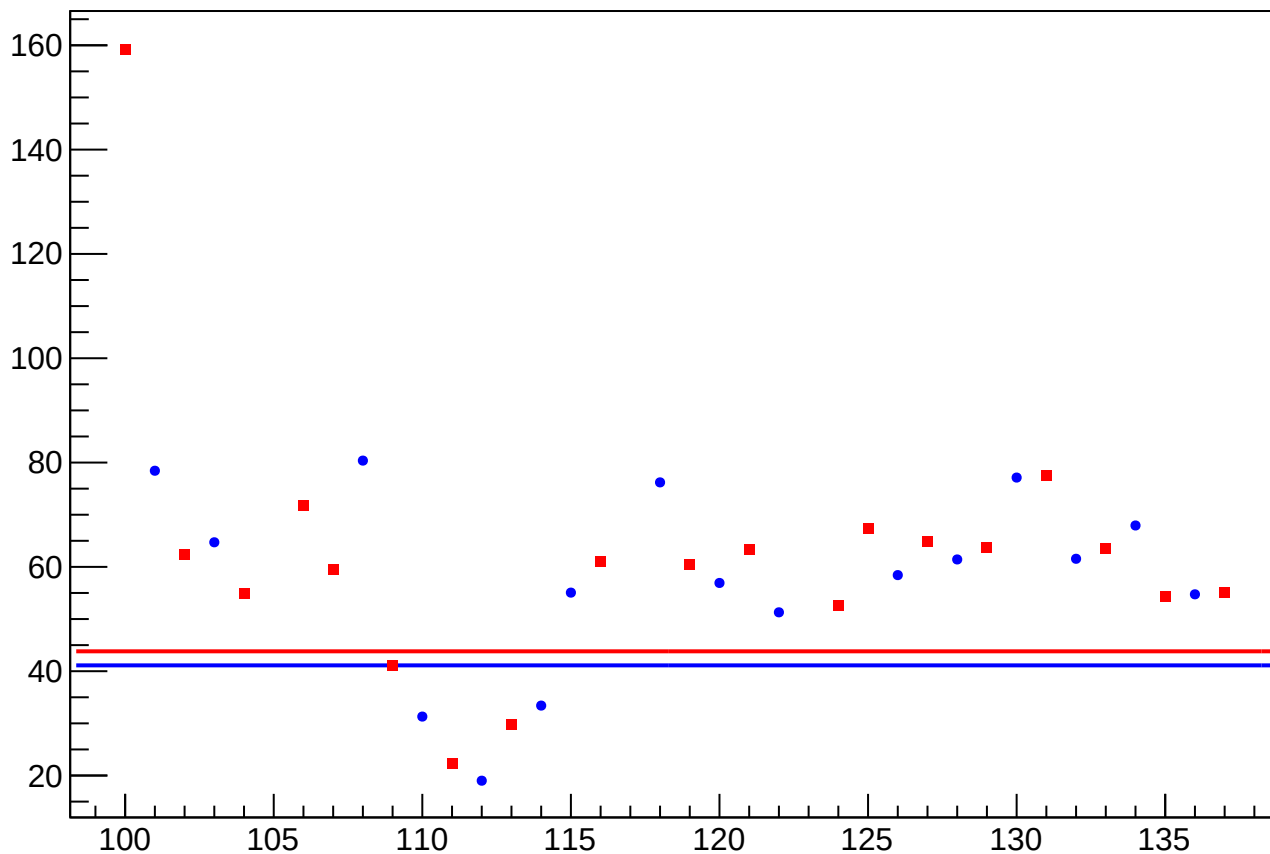
Right: 0.027+/-0.013 χ^2/NDF : 41.2/34

In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.013 χ^2/NDF : 41.2/34

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.119+/-0.013 χ^2/NDF : 2925464.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.813+/-0.013 χ^2/NDF : 2048627.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

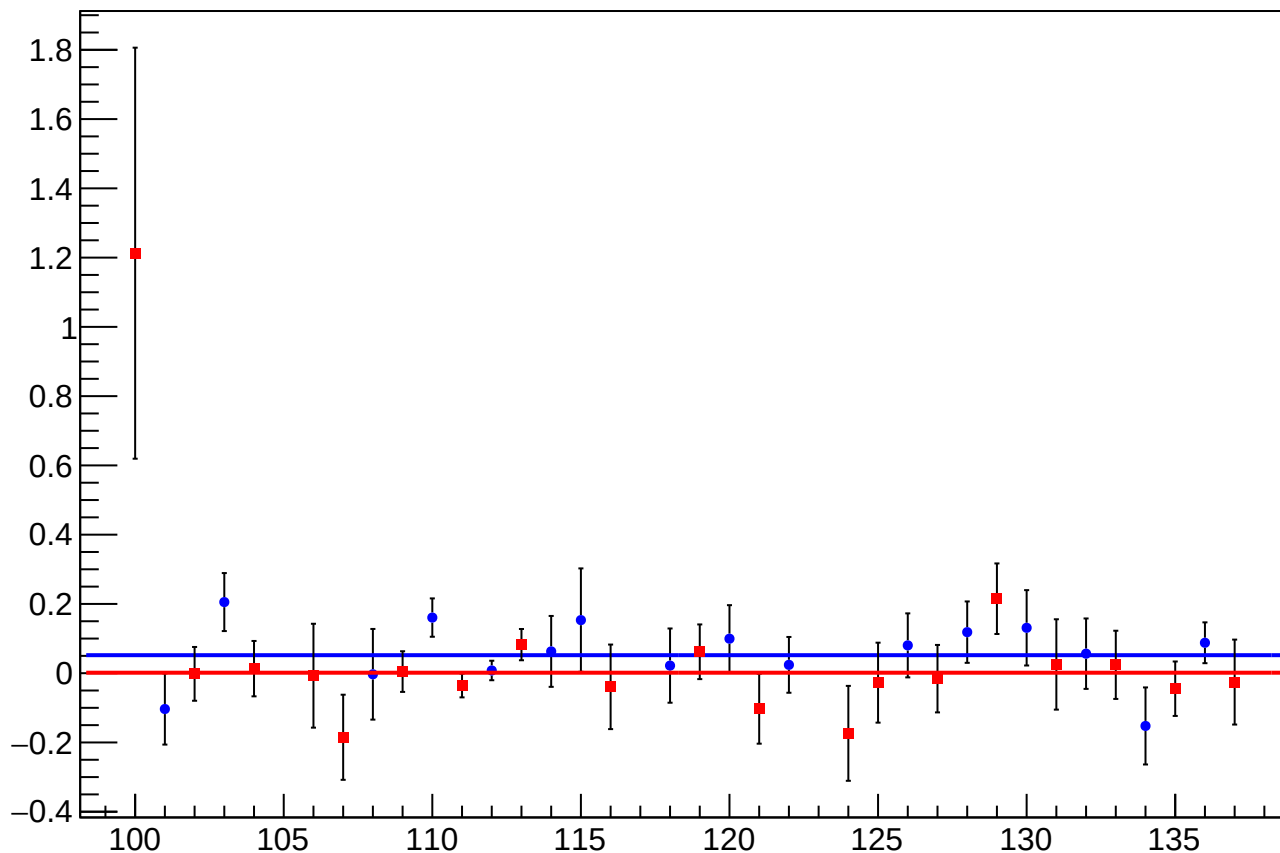
Right: 42.454+/-0.009 χ^2/NDF : 4996859.3/34

In: 41.119+/-0.013 χ^2/NDF : 2925464.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.454+/-0.009 χ^2/NDF : 4996859.3/34

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.018 χ^2/NDF : 19.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

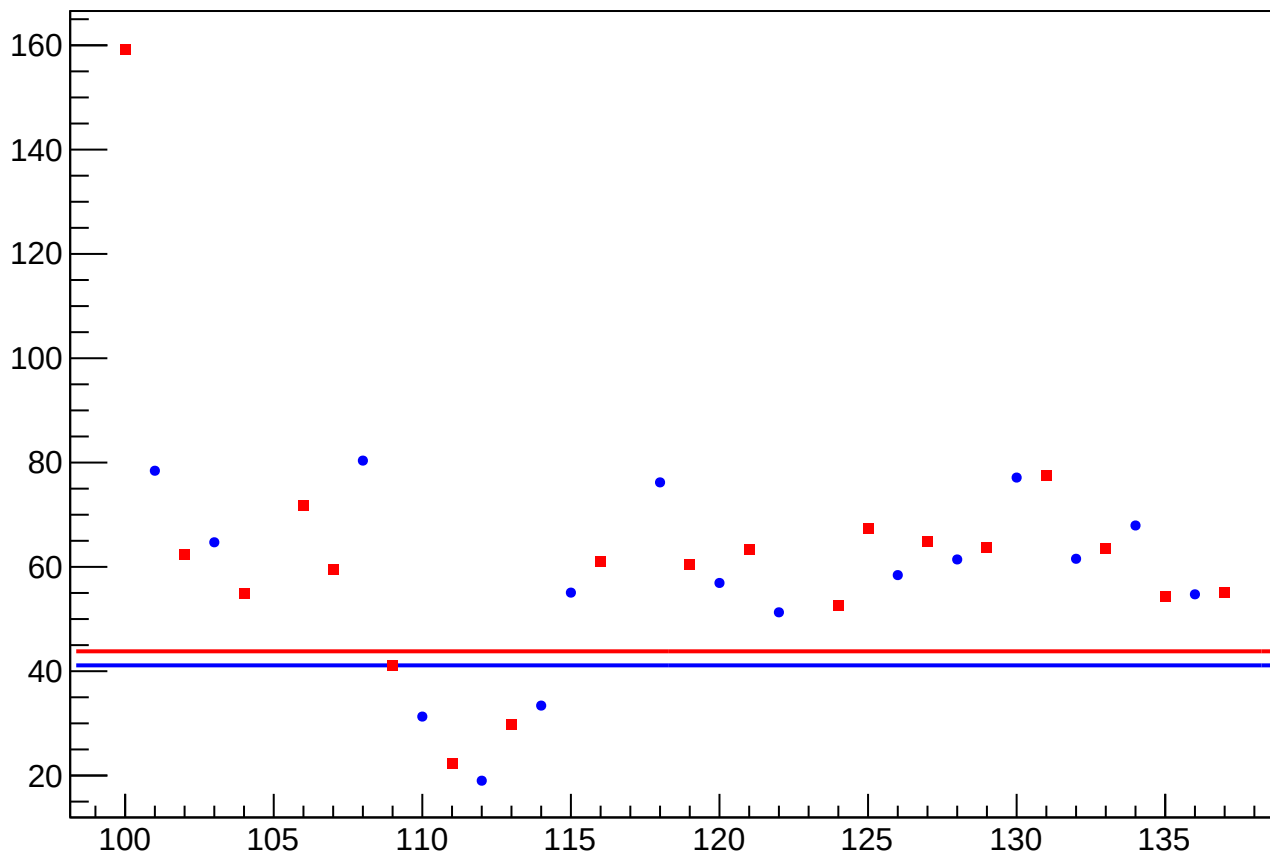
Right: 0.027+/-0.013 χ^2/NDF : 41.2/34

In: 0.052+/-0.018 χ^2/NDF : 18.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.027+/-0.013 χ^2/NDF : 41.2/34

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.119+/-0.013 χ^2/NDF : 2925464.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.813+/-0.013 χ^2/NDF : 2048627.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

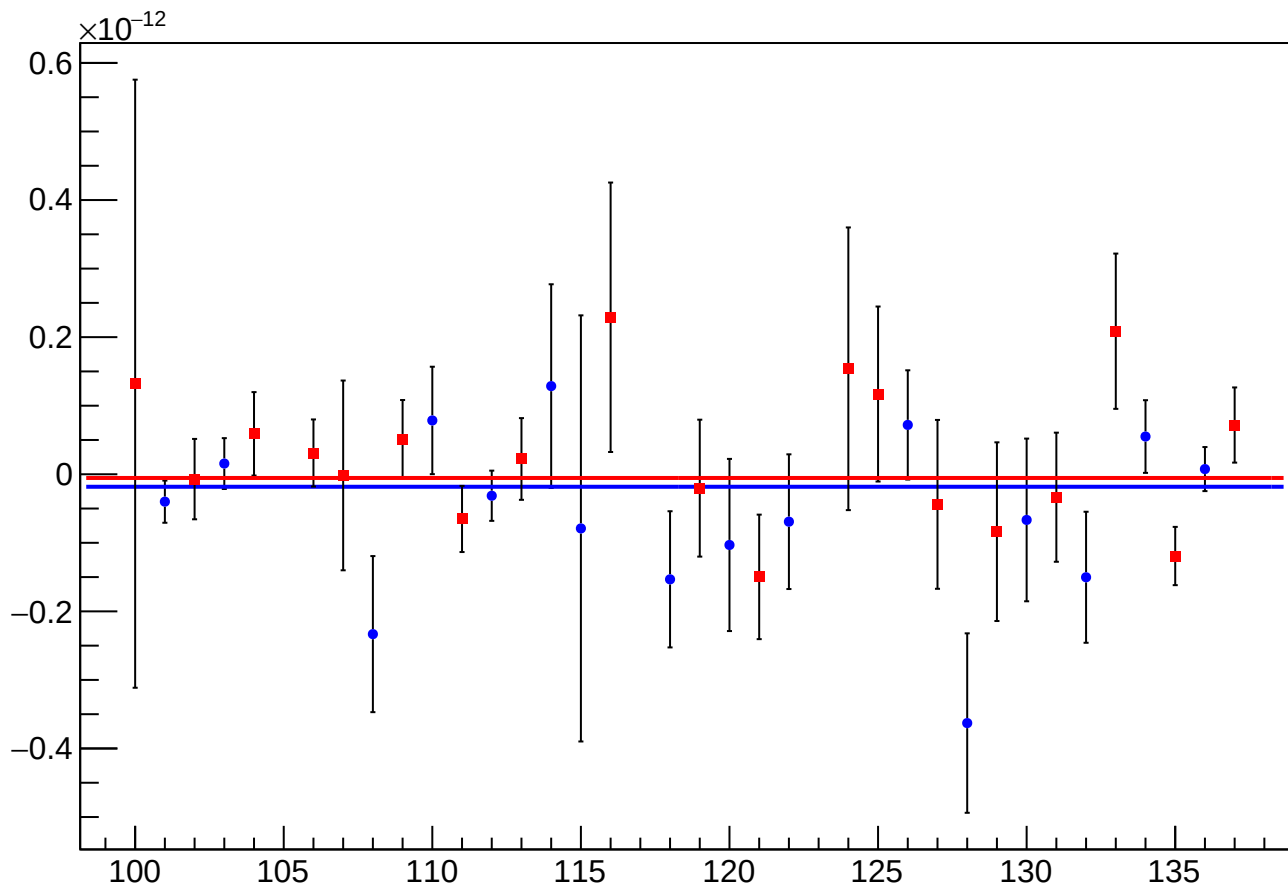
Right: 42.454+/-0.009 χ^2/NDF : 4996859.3/34

In: 41.119+/-0.013 χ^2/NDF : 2925464.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.454+/-0.009 χ^2/NDF : 4996859.3/34

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 23.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 23.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

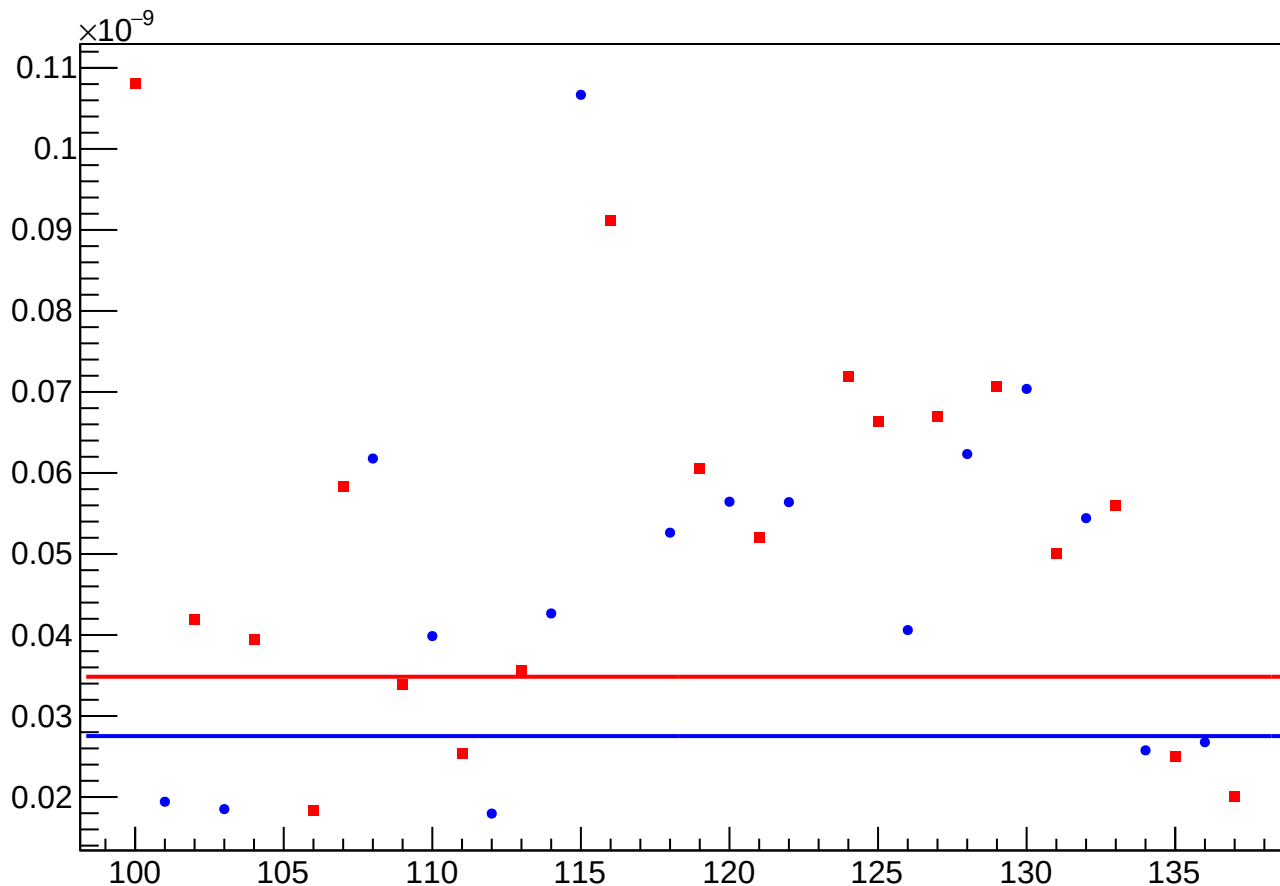
Right: -0.000+/-0.000 χ^2/NDF : 46.6/34

In: -0.000+/-0.000 χ^2/NDF : 23.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 46.6/34

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1799776.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1676246.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

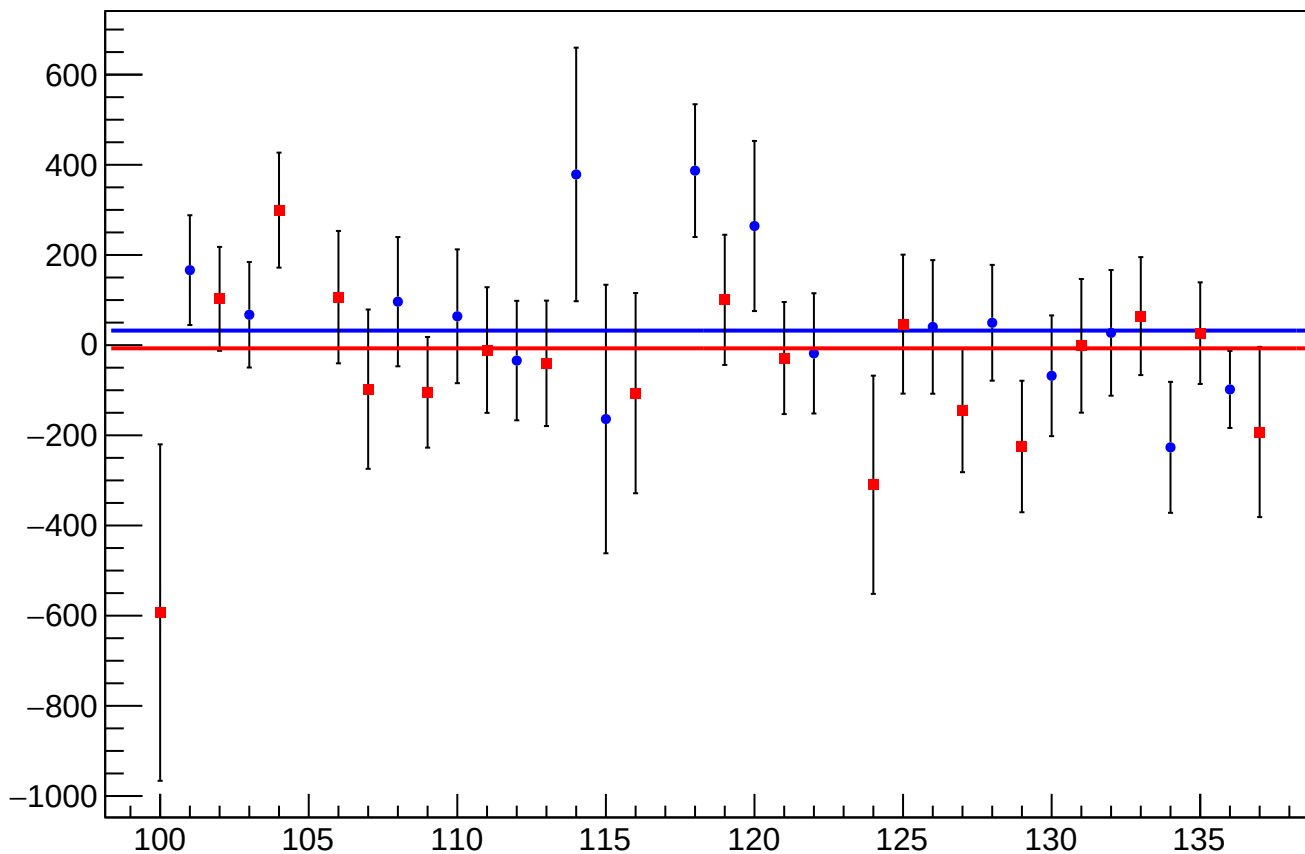
Right: 0.000+/-0.000 χ^2/NDF : 3696738.0/34

In: 0.000+/-0.000 χ^2/NDF : 1799776.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3696738.0/34

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 32.297 $\pm$ 34.429 χ^2 /NDF: 17.3/15

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -7.070 $\pm$ -33.420 χ^2 /NDF: 17.8/18

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

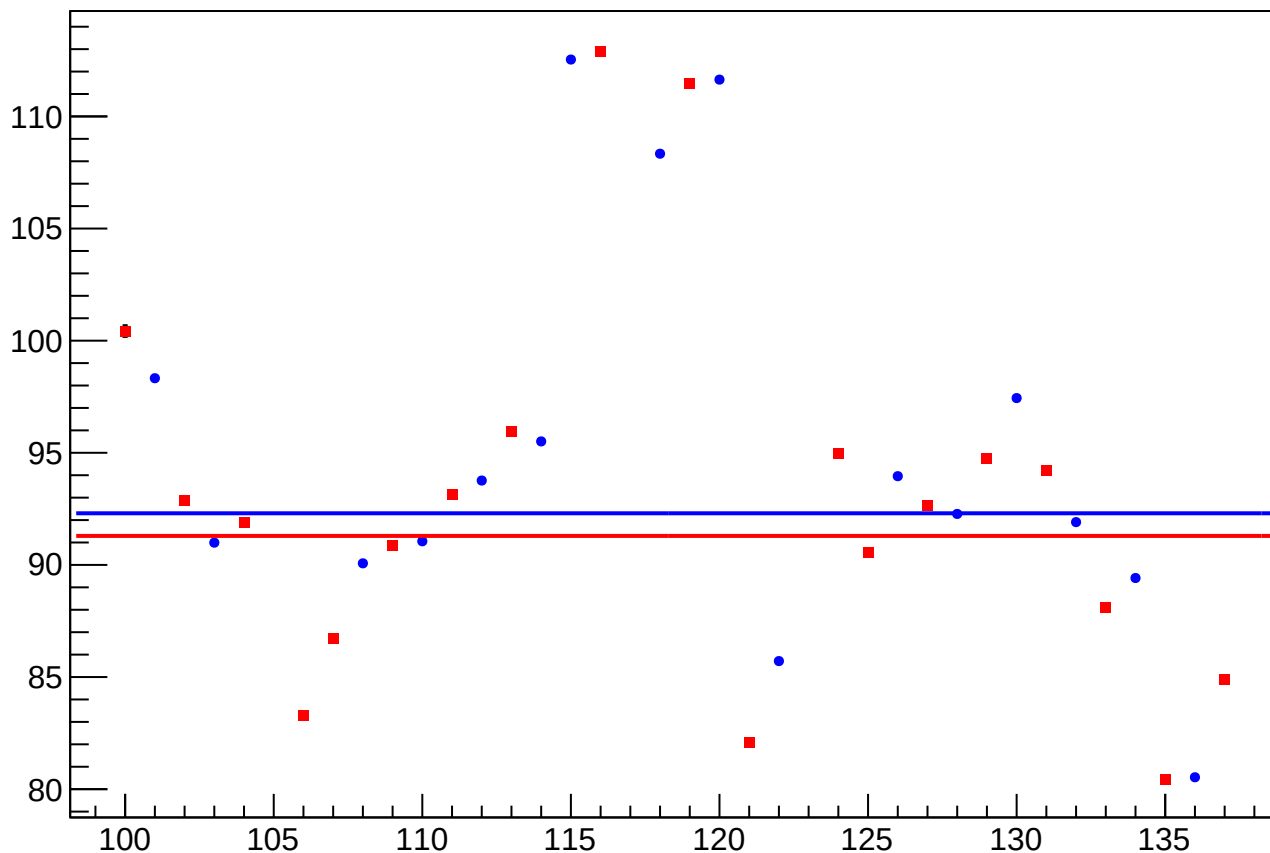
Right: 12.028 $\pm$ -23.980 χ^2 /NDF: 35.7/34

In: 32.297 $\pm$ -34.429 χ^2 /NDF:17.3/15

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 12.028 $\pm$ -23.980 χ^2 /NDF: 35.7/34

reg_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.302 $\pm$ 0.024 χ^2 /NDF: 107066.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.294 $\pm$ 0.024 χ^2 /NDF: 105096.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

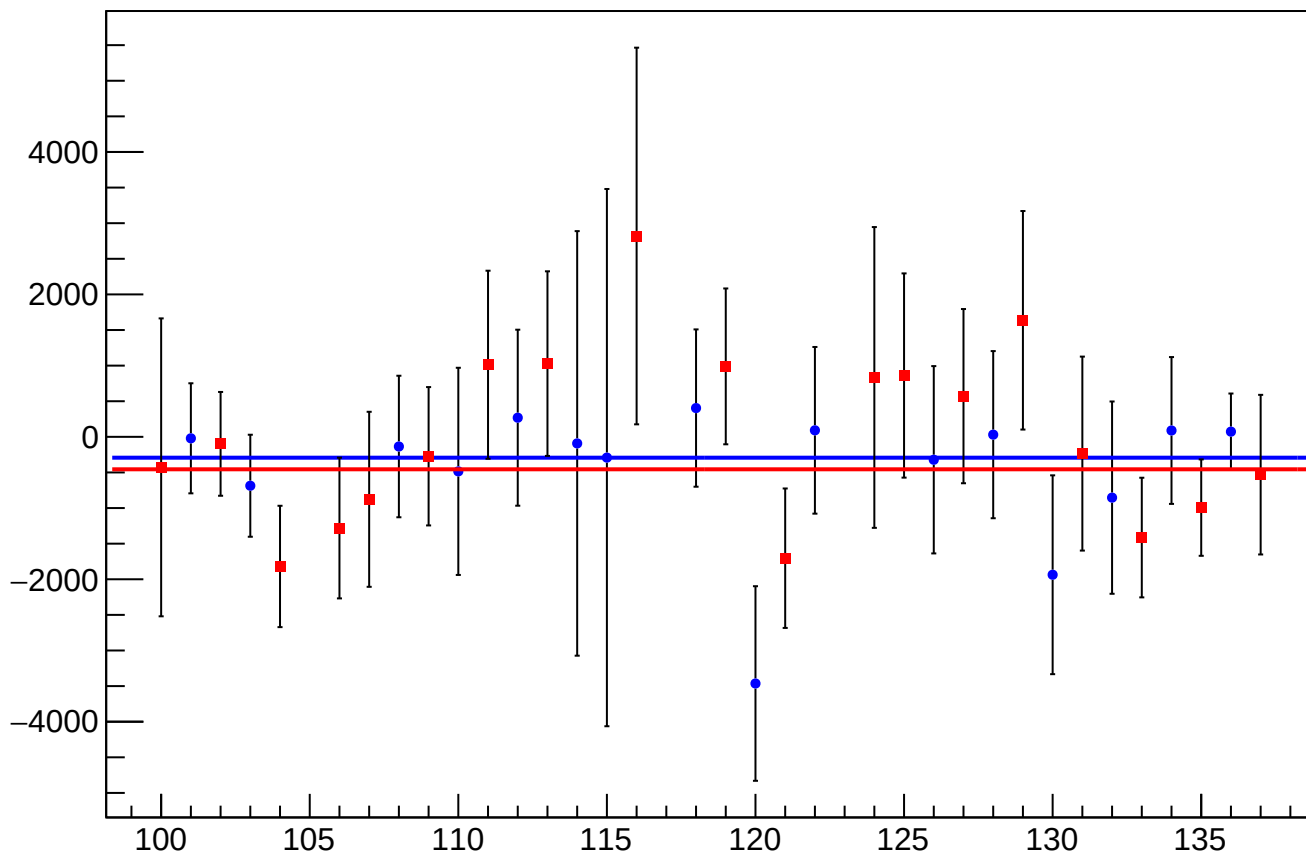
Right: 91.783 $\pm$ 0.017 χ^2 /NDF: 213046.7/34

In: 92.302 $\pm$ 0.024 χ^2 /NDF:107066.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.783 $\pm$ 0.017 χ^2 /NDF: 213046.7/34

asym_sam_15_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -292.756 ± 259.692 χ^2/NDF : 8.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -455.830 ± 248.717 χ^2/NDF : 16.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

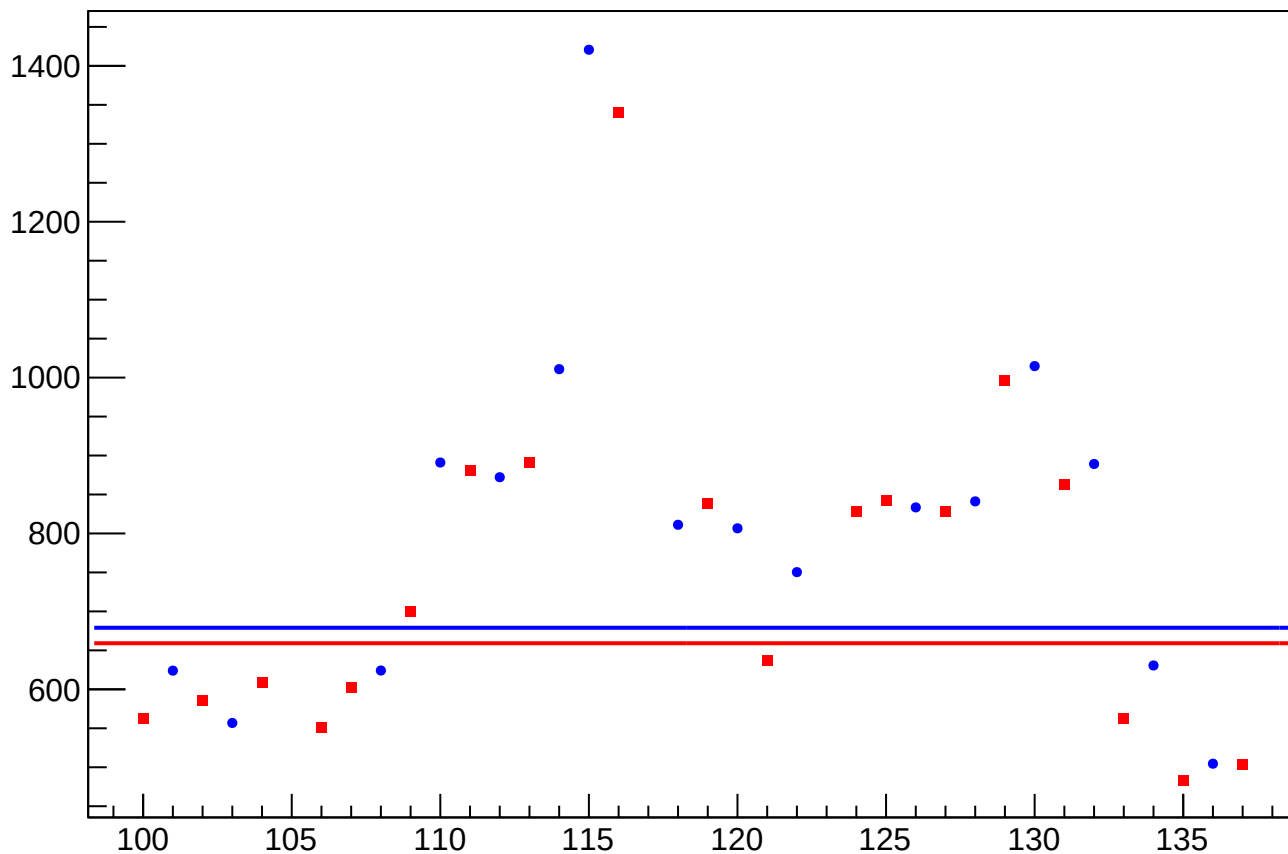
Right: -377.812 ± 179.624 χ^2/NDF : 25.9/34

In: -292.756 ± 259.692 χ^2/NDF : 8.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -377.812 ± 179.624 χ^2/NDF : 25.9/34

asym_sam_15_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 679.003+/-0.184 χ^2/NDF : 767983.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 659.133+/-0.176 χ^2/NDF : 795877.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

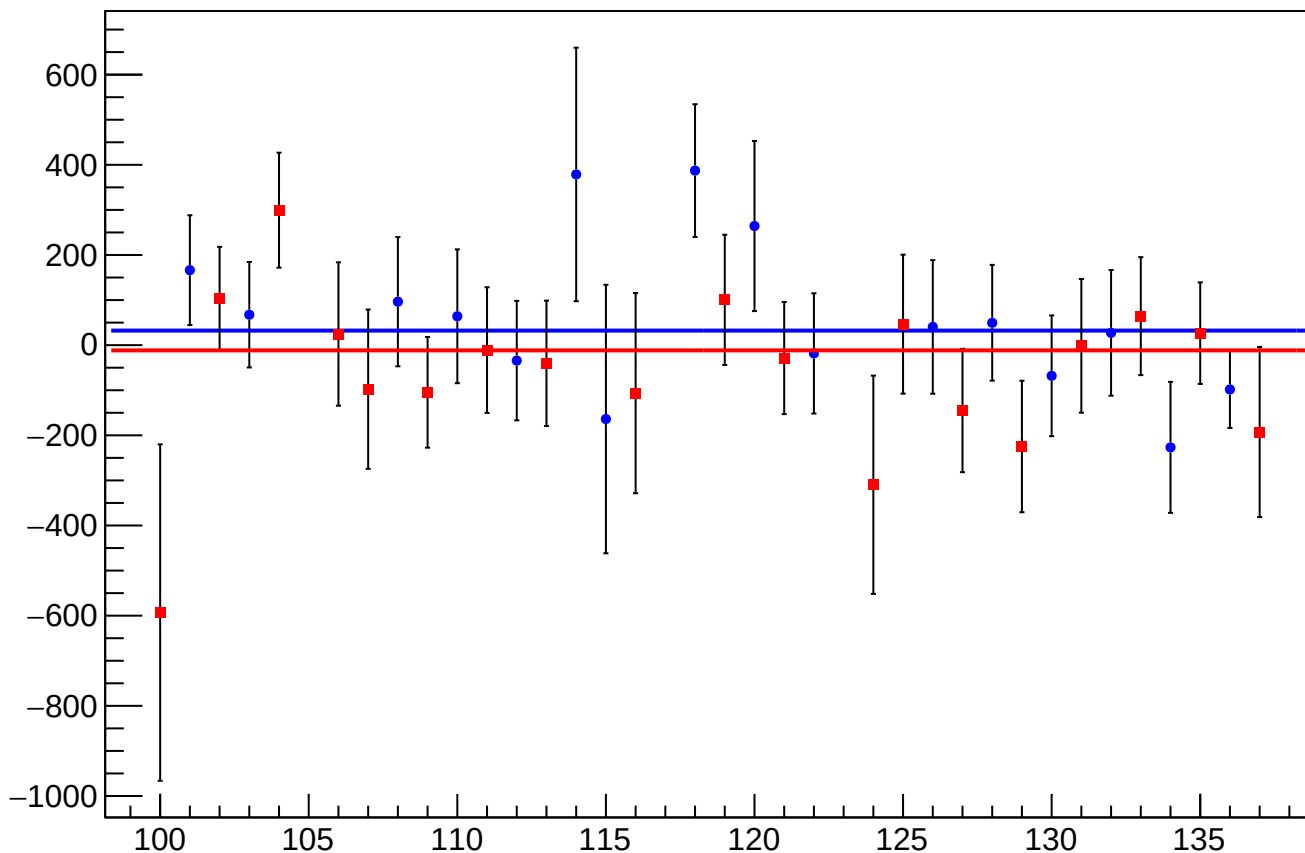
Right: 668.639+/-0.127 χ^2/NDF : 1569967.8/34

In: 679.003+/-0.184 χ^2/NDF :767983.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 668.639+/-0.127 χ^2/NDF : 1569967.8/34

cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 32.312 $\pm$ 34.429 χ^2 /NDF: 17.3/15

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: -11.576 $\pm$ -33.548 χ^2 /NDF: 17.2/18

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

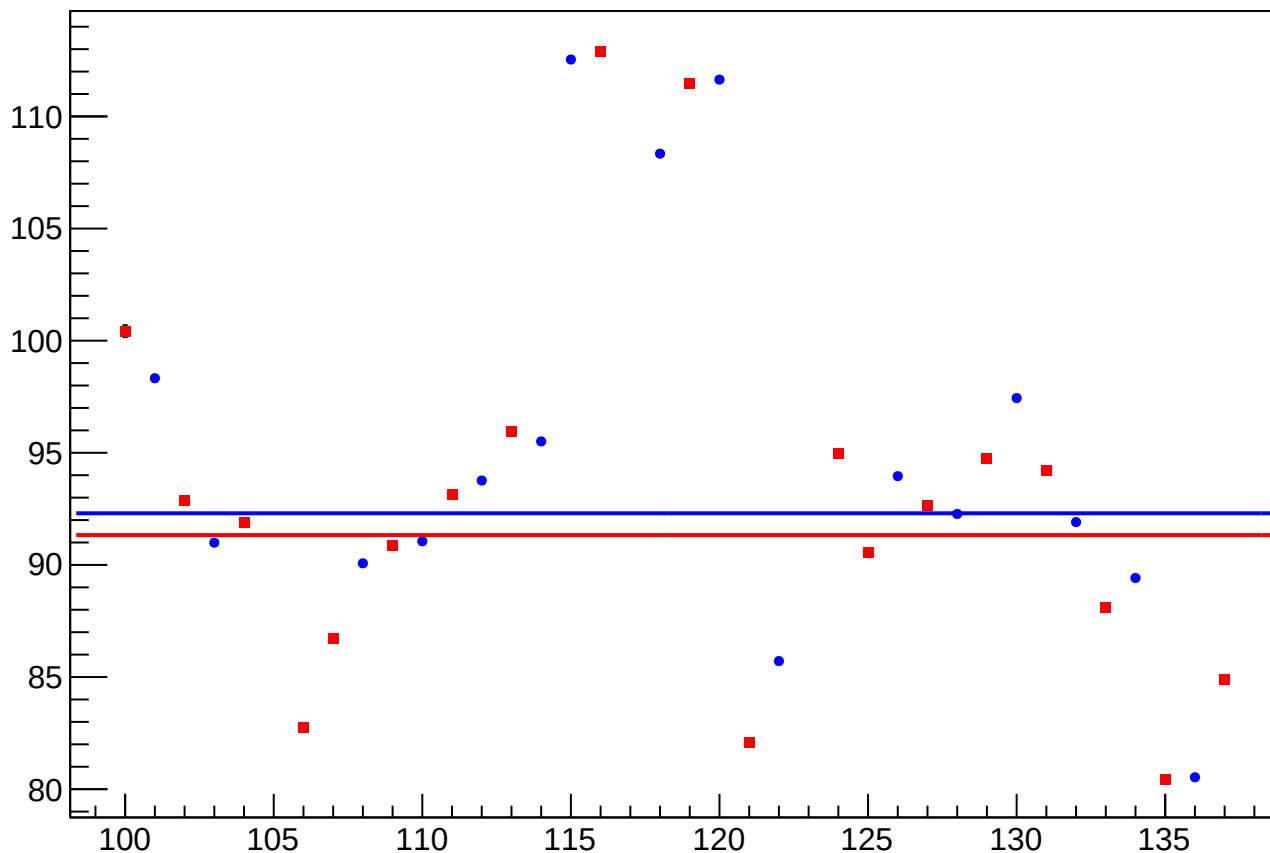
Right: 9.800 $\pm$ -24.028 χ^2 /NDF: 35.3/34

In: 32.312 $\pm$ -34.429 χ^2 /NDF:17.3/15

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 9.800 $\pm$ -24.028 χ^2 /NDF: 35.3/34

cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.302+/-0.024 χ^2/NDF : 107066.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.332+/-0.024 χ^2/NDF : 104918.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

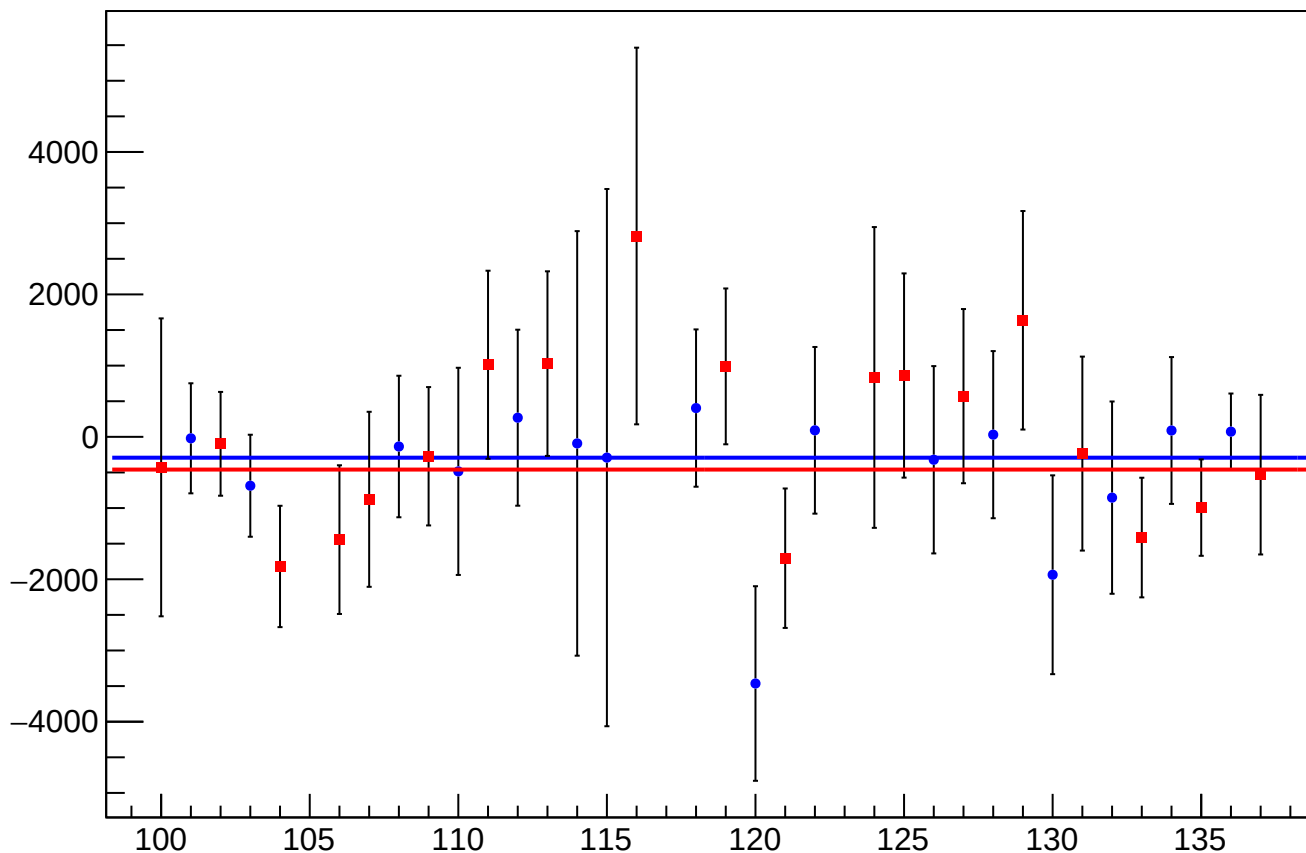
Right: 91.805+/-0.017 χ^2/NDF : 212799.4/34

In: 92.302+/-0.024 χ^2/NDF : 107066.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.805+/-0.017 χ^2/NDF : 212799.4/34

asym_sam_15_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -292.753 ± 259.692 χ^2/NDF : 8.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -459.595 ± 249.543 χ^2/NDF : 17.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

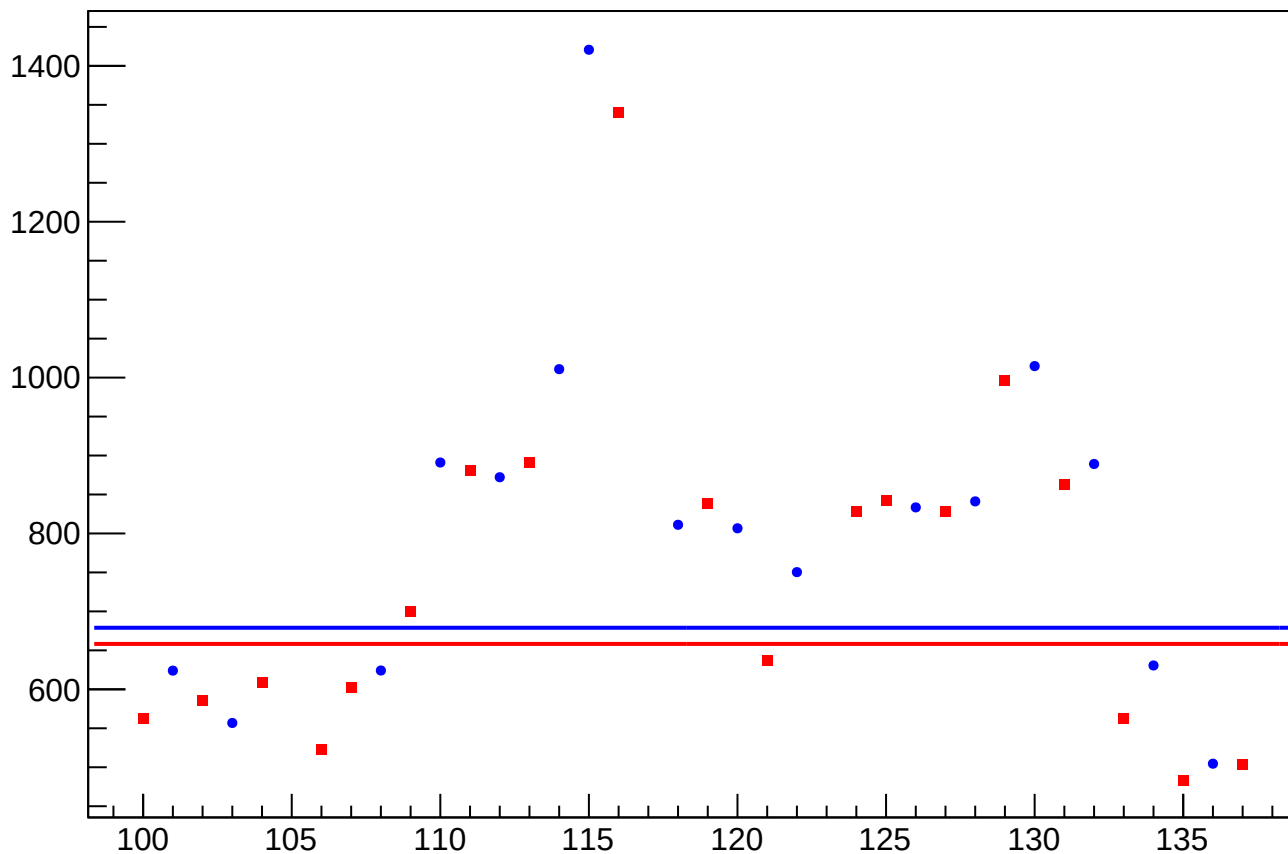
Right: -379.498 ± 179.935 χ^2/NDF : 26.1/34

In: -292.753 ± 259.692 χ^2/NDF : 8.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -379.498 ± 179.935 χ^2/NDF : 26.1/34

asym_sam_15_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.262+/-0.176 χ^2/NDF : 805898.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

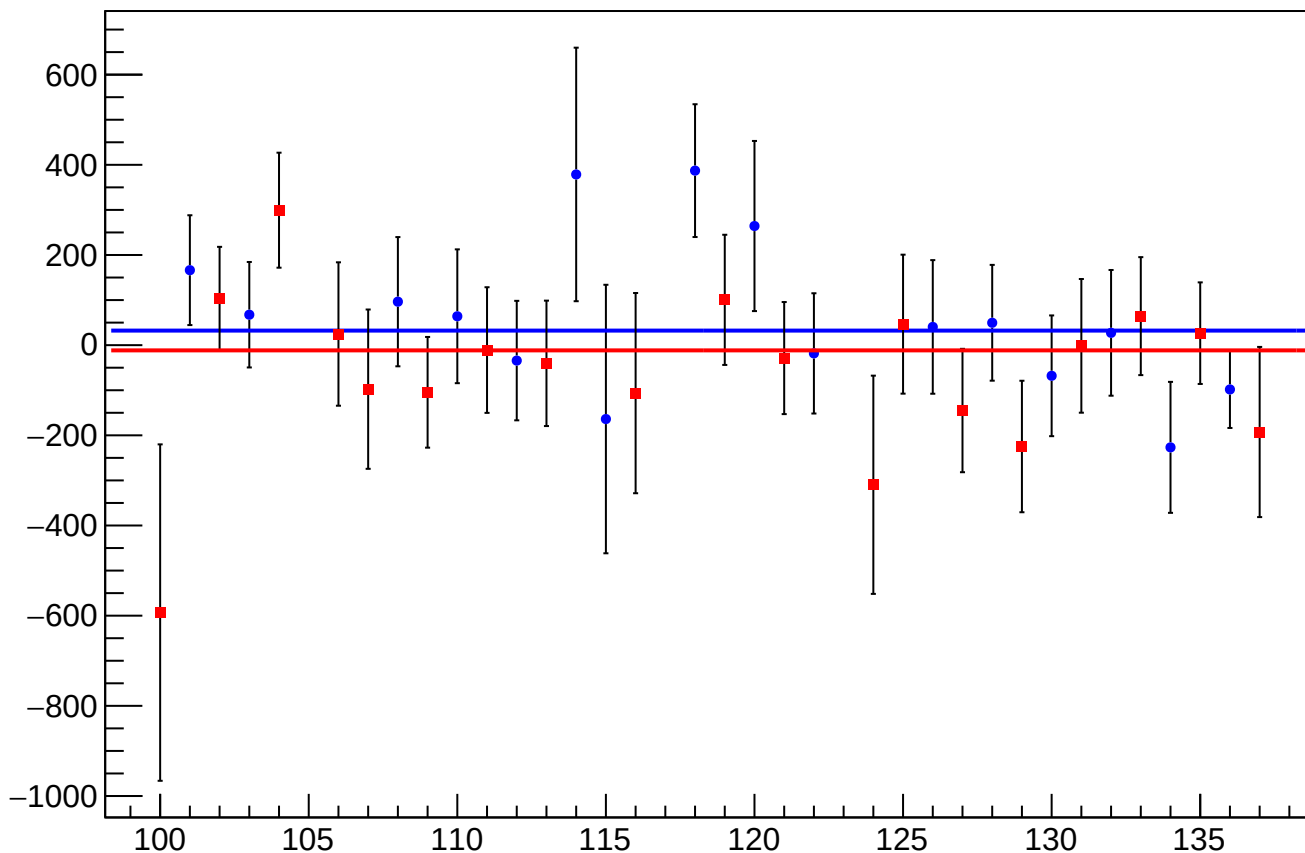
Right: 668.219+/-0.127 χ^2/NDF : 1580516.6/34

In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.219+/-0.127 χ^2/NDF : 1580516.6/34

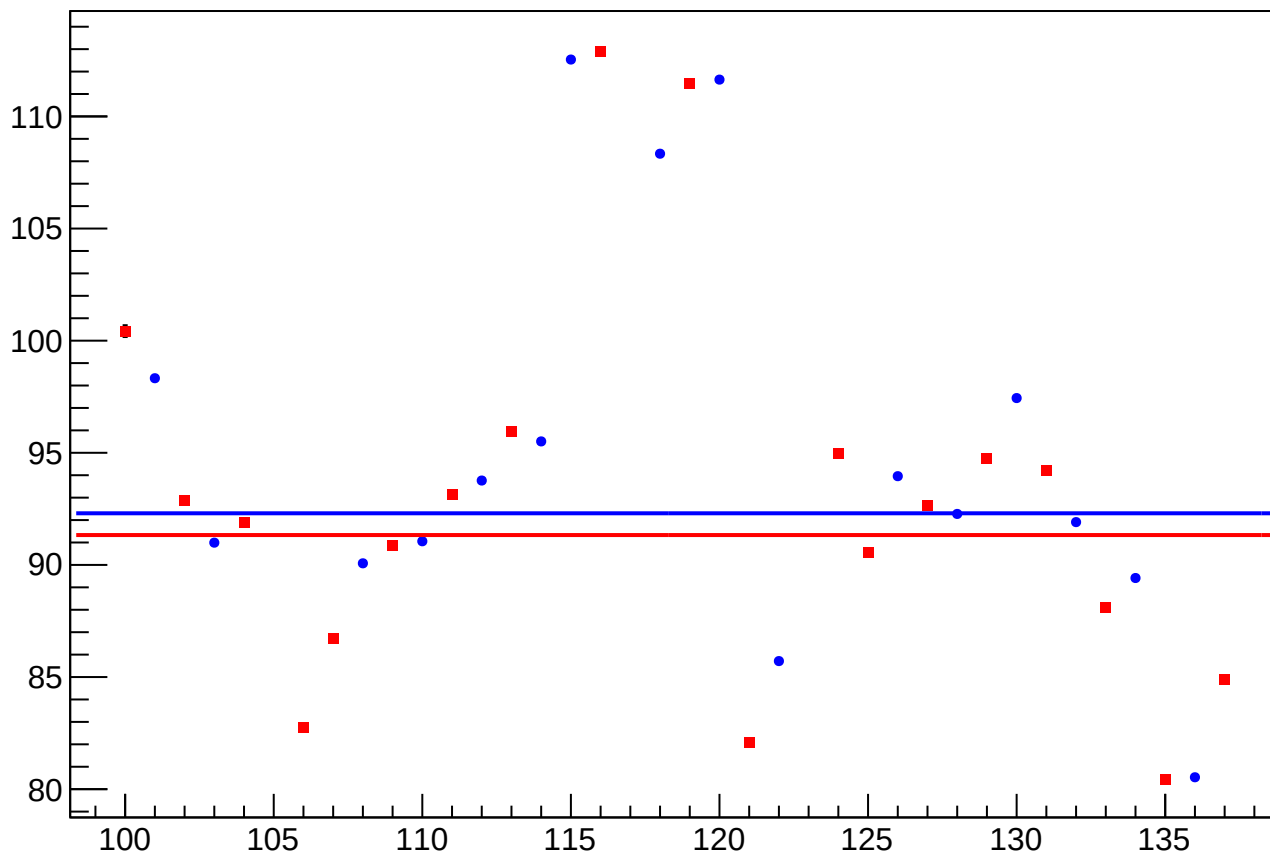
eigen_cor_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 32.312+/-34.429 χ^2/NDF : 17.3/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -11.576+/-33.548 χ^2/NDF : 17.2/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 9.800+/-24.028 χ^2/NDF : 35.3/34
 In: 32.312+/-34.429 χ^2/NDF : 17.3/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 9.800+/-24.028 χ^2/NDF : 35.3/34

eigen_cor_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 92.302 $\pm$ 0.024 χ^2 /NDF: 107066.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 91.332 $\pm$ 0.024 χ^2 /NDF: 104918.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

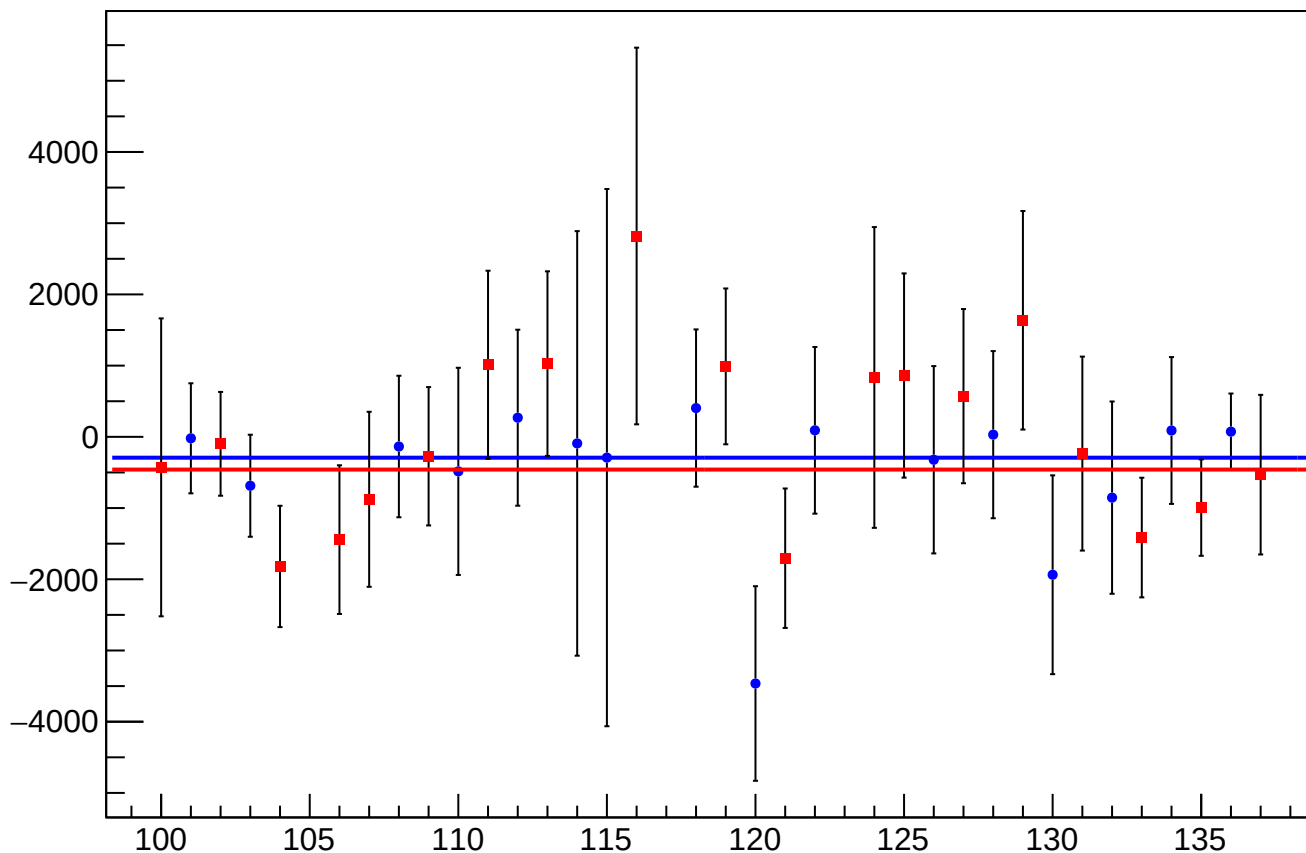
Right: 91.805 $\pm$ 0.017 χ^2 /NDF: 212799.4/34

In: 92.302 $\pm$ 0.024 χ^2 /NDF:107066.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.805 $\pm$ 0.017 χ^2 /NDF: 212799.4/34

asym_sam_15_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -292.753+/-259.692 χ^2/NDF : 8.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -459.595+/-249.543 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

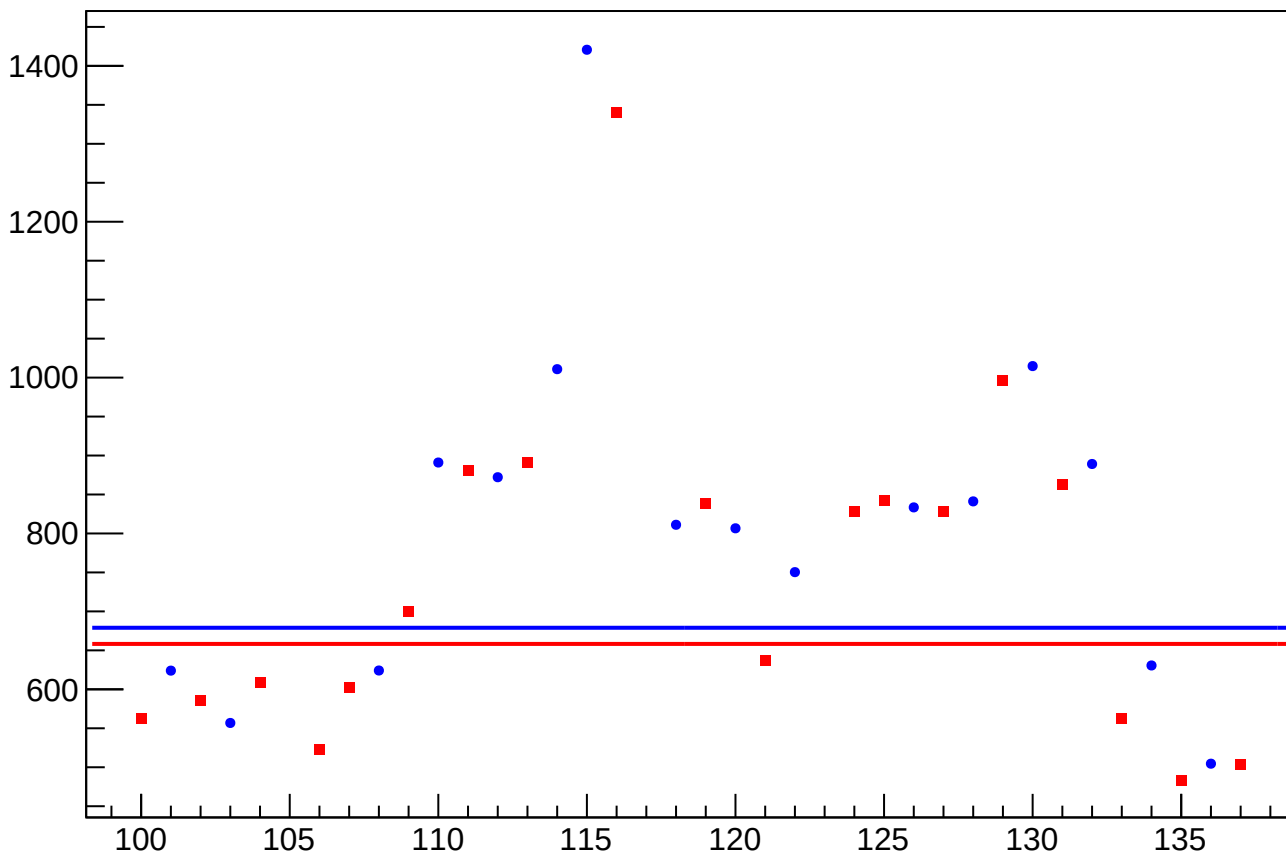
Right: -379.498+/-179.935 χ^2/NDF : 26.1/34

In: -292.753+/-259.692 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.498+/-179.935 χ^2/NDF : 26.1/34

asym_sam_15_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 658.262+/-0.176 χ^2/NDF : 805898.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

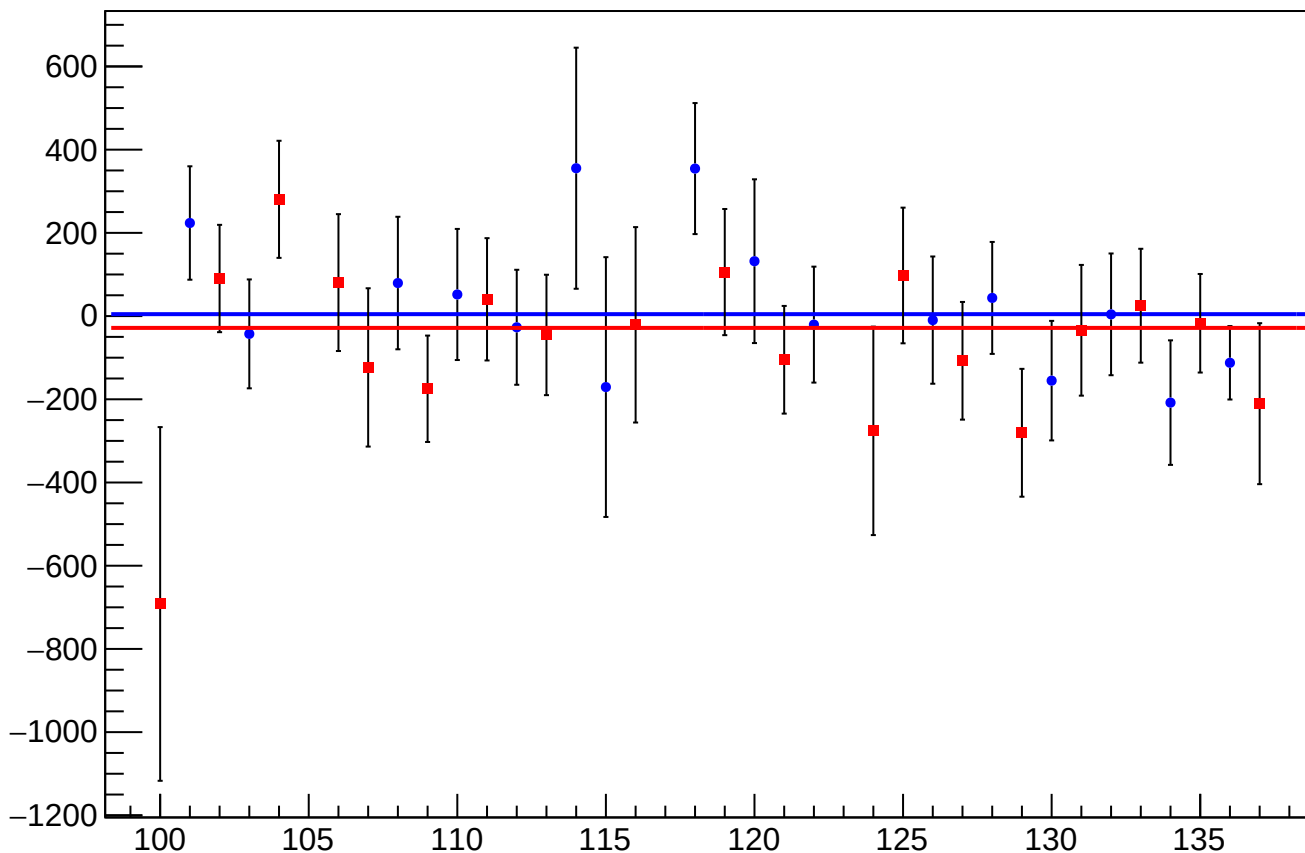
Right: 668.219+/-0.127 χ^2/NDF : 1580516.6/34

In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 668.219+/-0.127 χ^2/NDF : 1580516.6/34

dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 4.619+/-36.509 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.407+/-35.465 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

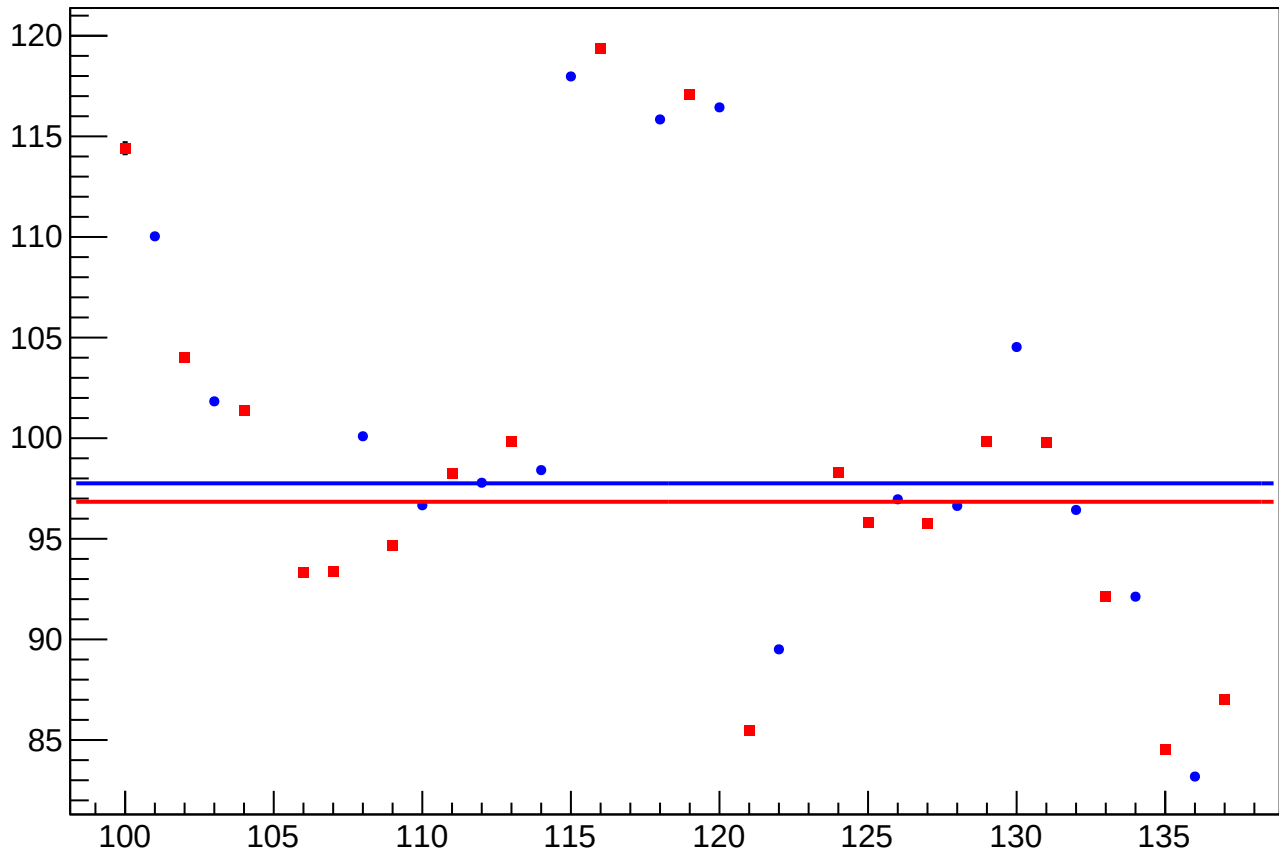
Right: -12.373+/-25.439 χ^2/NDF : 32.9/34

In: 4.619+/-36.509 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.373+/-25.439 χ^2/NDF : 32.9/34

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.756 $\pm$ 0.026 χ^2 /NDF: 140654.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 96.840 $\pm$ 0.025 χ^2 /NDF: 115170.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

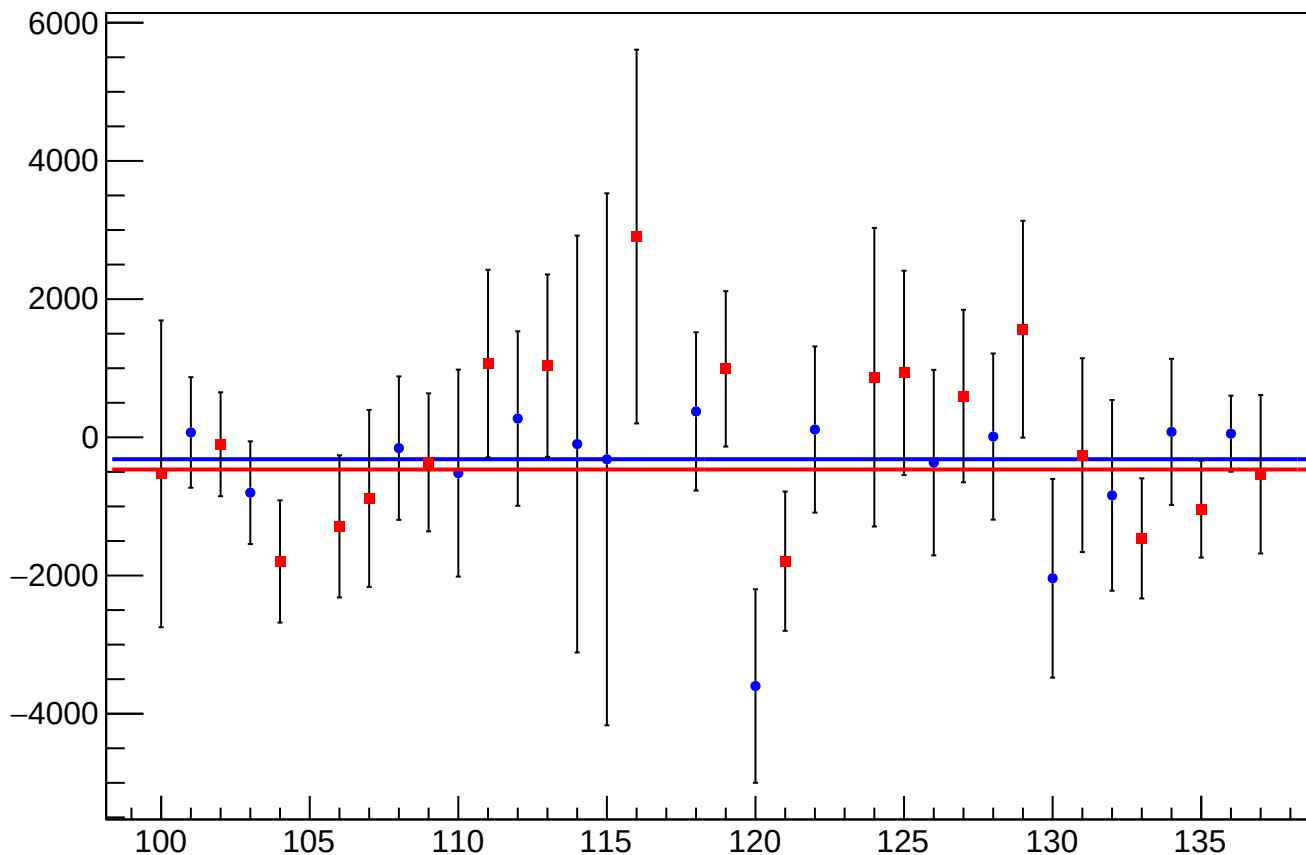
Right: 97.285 $\pm$ 0.018 χ^2 /NDF: 256473.4/34

In: 97.756 $\pm$ 0.026 χ^2 /NDF:140654.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 97.285 $\pm$ 0.018 χ^2 /NDF: 256473.4/34

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.572 $\pm$ 267.515 χ^2 /NDF: 9.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -465.576 $\pm$ 256.646 χ^2 /NDF: 16.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

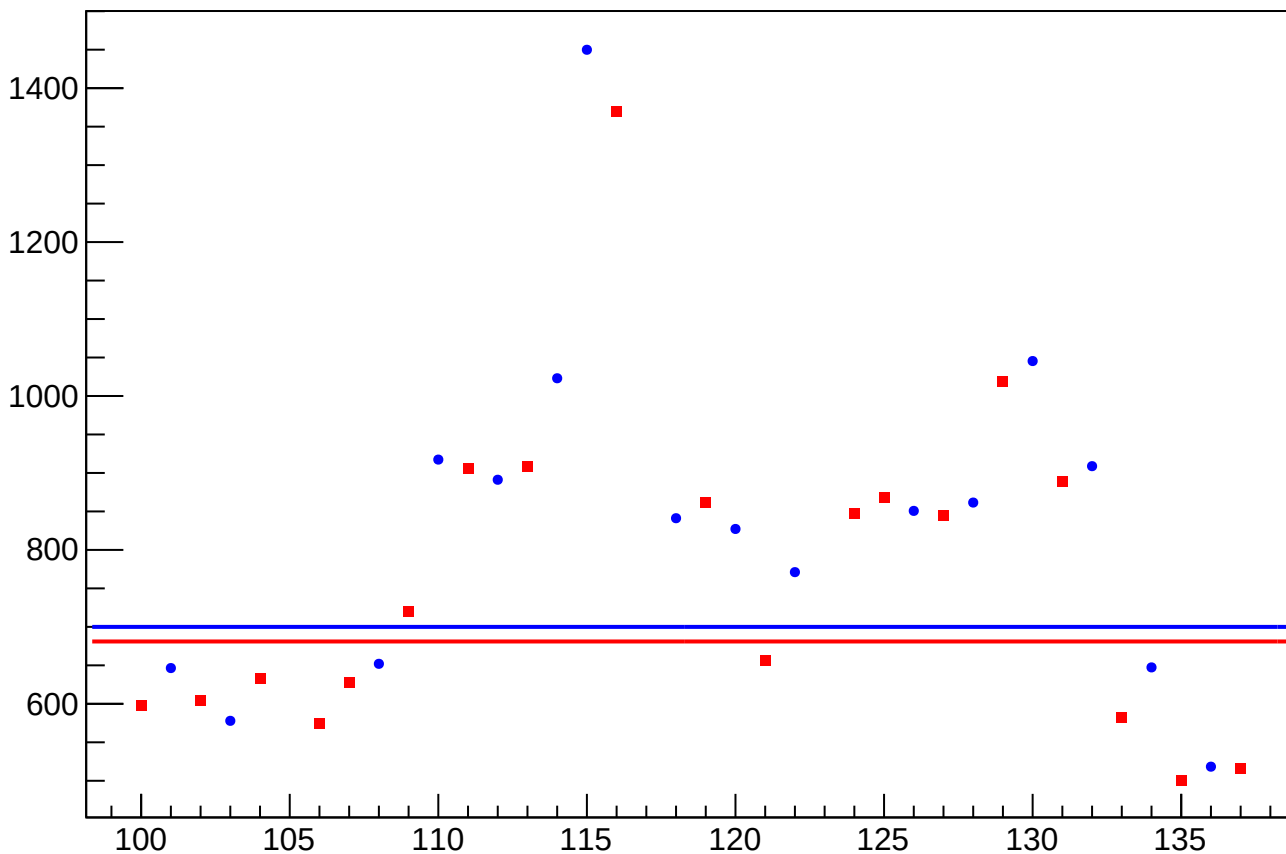
Right: -394.162 $\pm$ 185.199 χ^2 /NDF: 25.8/34

In: -316.572 $\pm$ 267.515 χ^2 /NDF:9.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -394.162 $\pm$ 185.199 χ^2 /NDF: 25.8/34

asym_sam_15_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 699.973+/-0.189 χ^2/NDF : 753665.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.016+/-0.181 χ^2/NDF : 769397.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

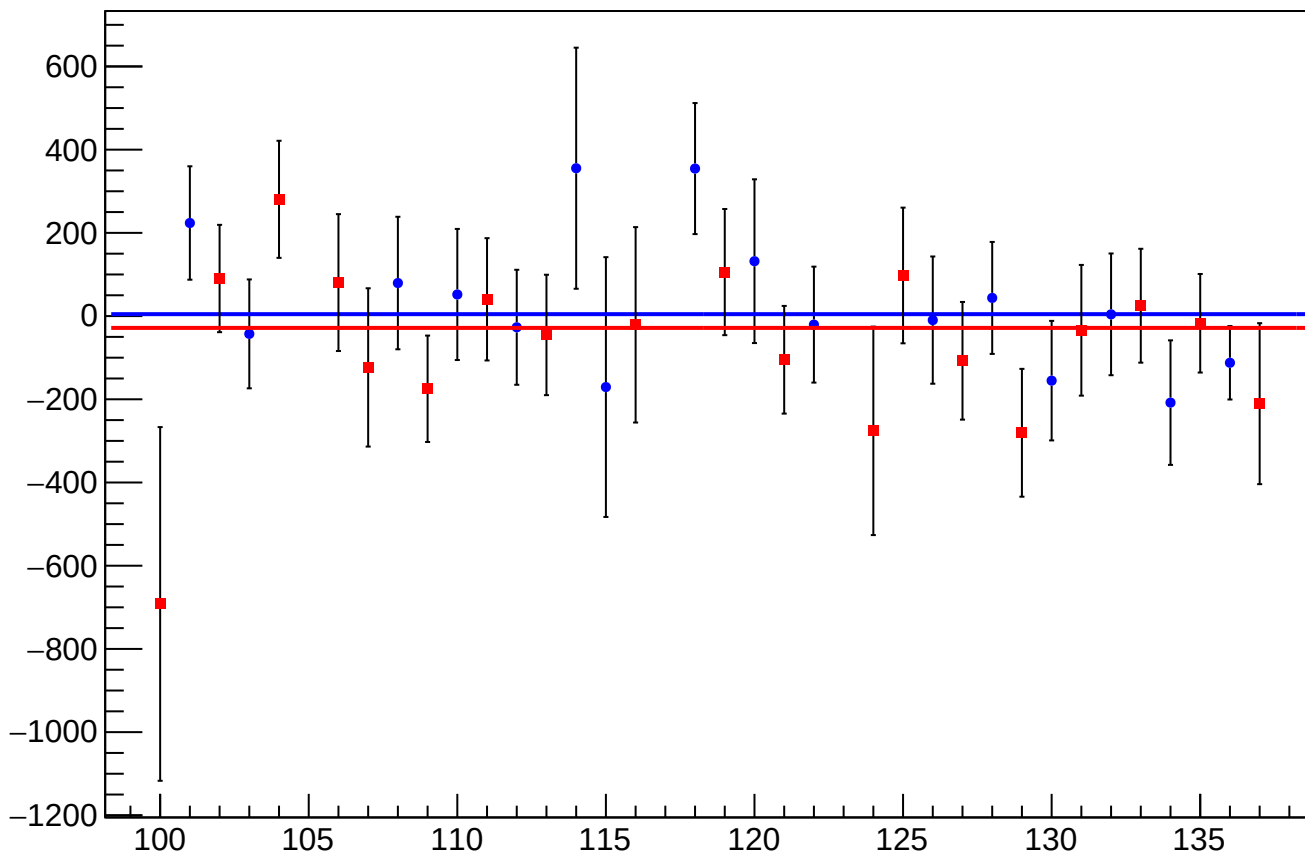
Right: 690.102+/-0.131 χ^2/NDF : 1528292.0/34

In: 699.973+/-0.189 χ^2/NDF : 753665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.102+/-0.131 χ^2/NDF : 1528292.0/34

eigen_dit_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 4.620+/-36.509 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -28.407+/-35.465 χ^2/NDF : 17.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

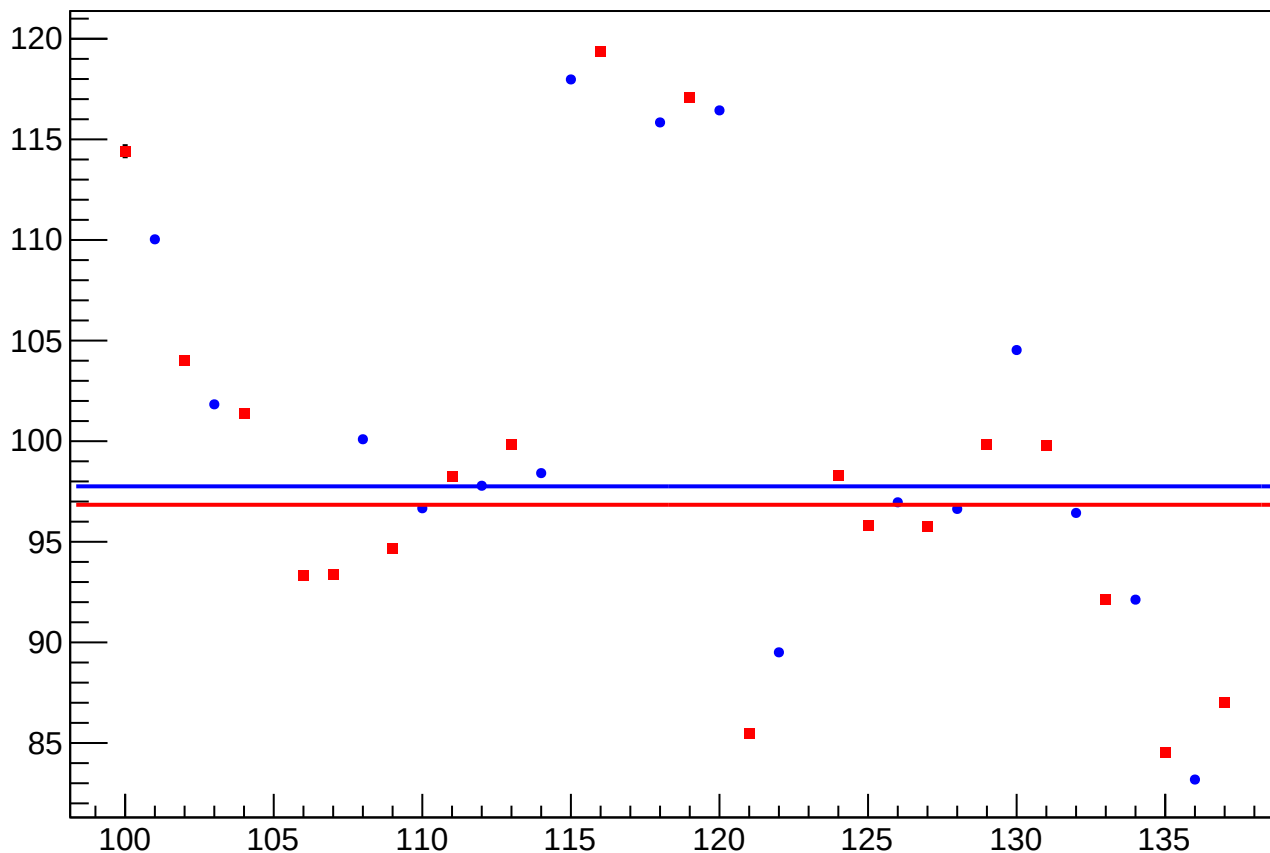
Right: -12.373+/-25.438 χ^2/NDF : 32.9/34

In: 4.620+/-36.509 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.373+/-25.438 χ^2/NDF : 32.9/34

eigen_dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.756+/-0.026 χ^2/NDF : 140654.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 96.839+/-0.025 χ^2/NDF : 115173.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

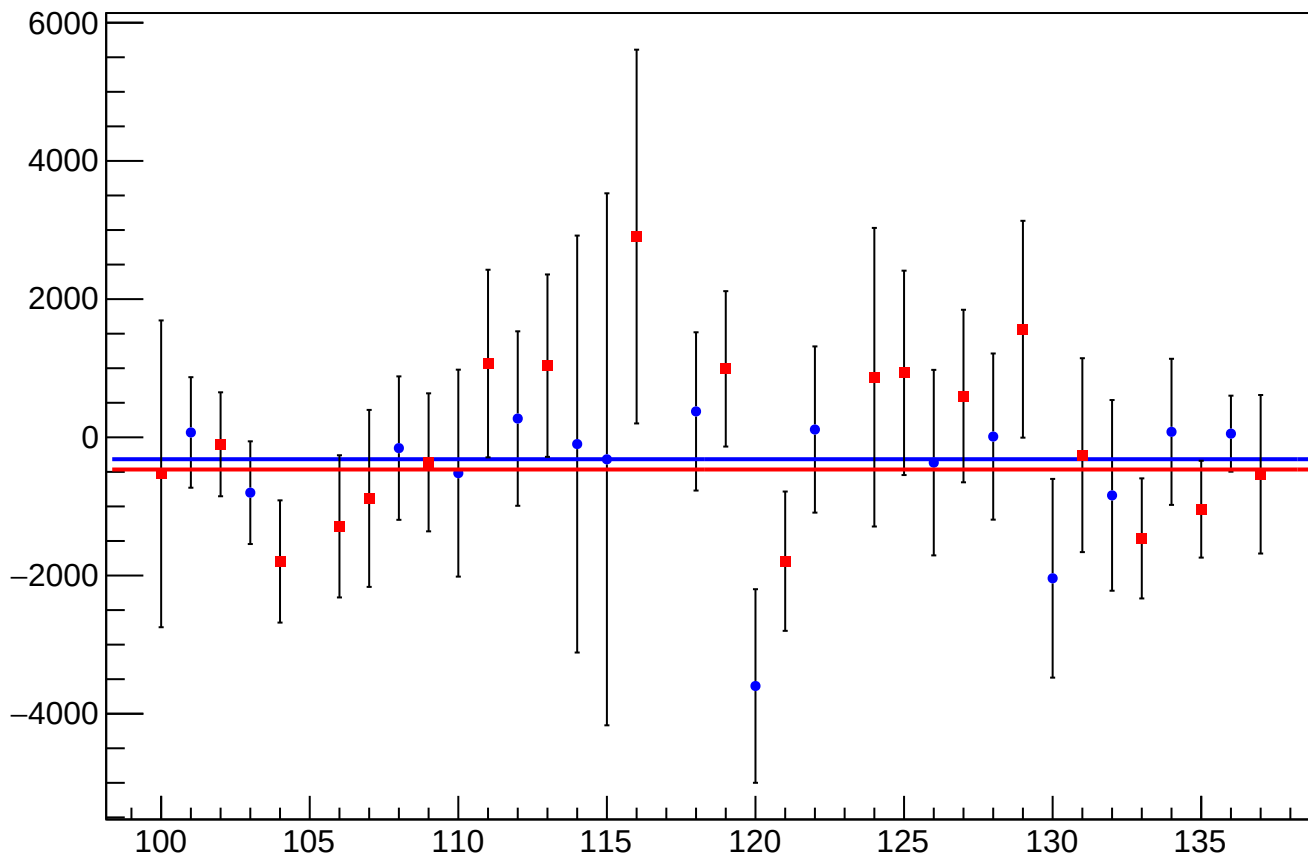
Right: 97.284+/-0.018 χ^2/NDF : 256476.1/34

In: 97.756+/-0.026 χ^2/NDF :140654.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.284+/-0.018 χ^2/NDF : 256476.1/34

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.570 $\pm$ 267.515 χ^2 /NDF: 9.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -465.576 $\pm$ 256.645 χ^2 /NDF: 16.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

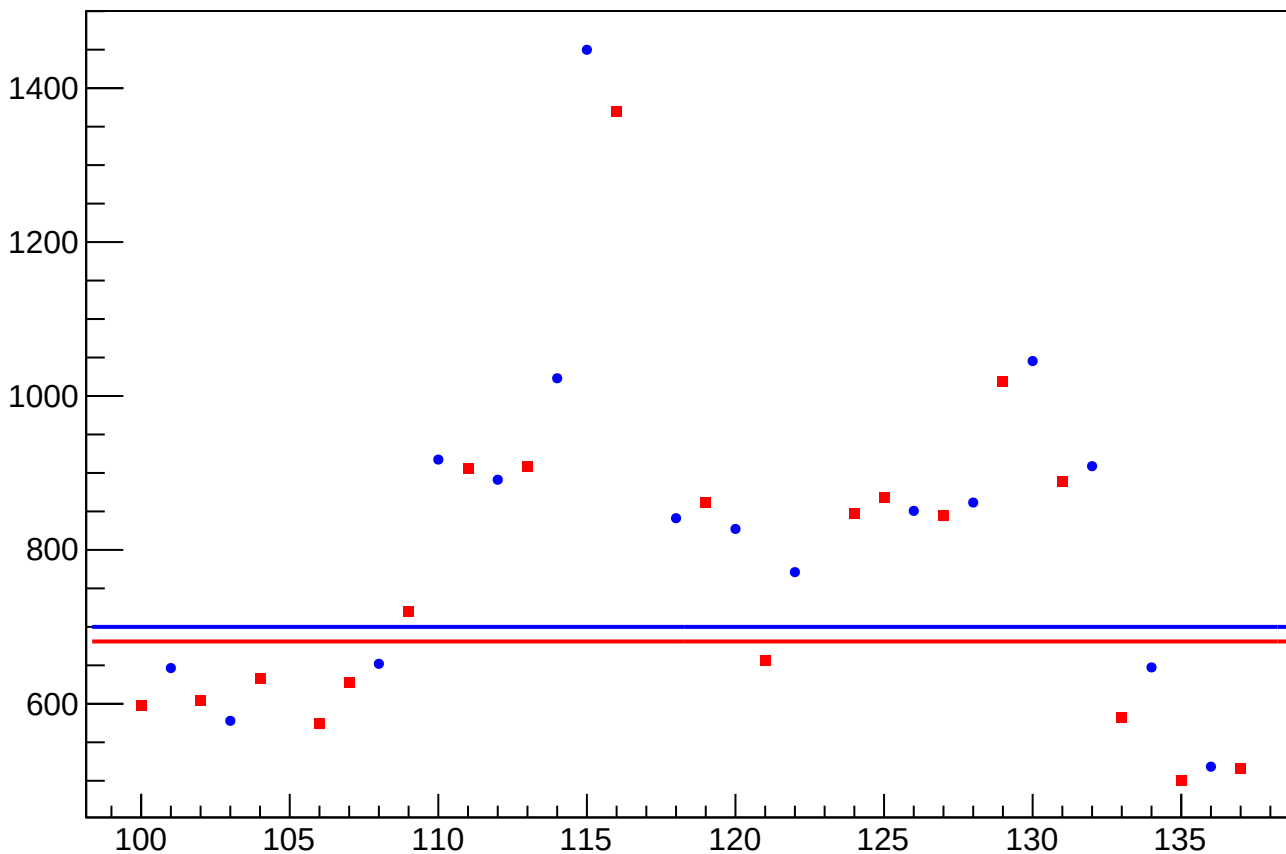
Right: -394.162 $\pm$ 185.199 χ^2 /NDF: 25.8/34

In: -316.570 $\pm$ 267.515 χ^2 /NDF:9.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -394.162 $\pm$ 185.199 χ^2 /NDF: 25.8/34

asym_sam_15_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 699.971+/-0.189 χ^2/NDF : 753668.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 681.015+/-0.181 χ^2/NDF : 769400.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

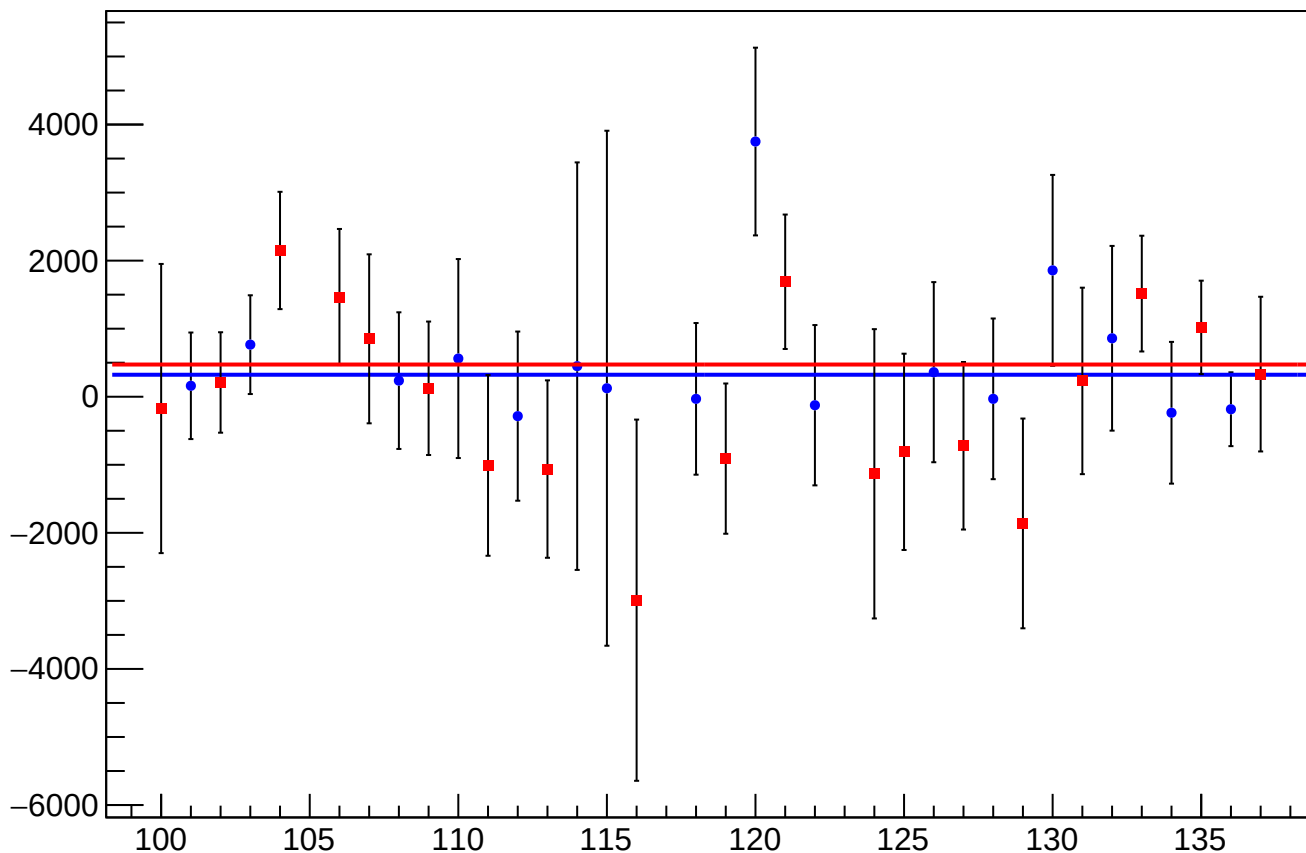
Right: 690.100+/-0.131 χ^2/NDF : 1528298.1/34

In: 699.971+/-0.189 χ^2/NDF : 753668.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 690.100+/-0.131 χ^2/NDF : 1528298.1/34

asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 323.198+/-262.332 χ^2/NDF : 9.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.233+/-251.330 χ^2/NDF : 19.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

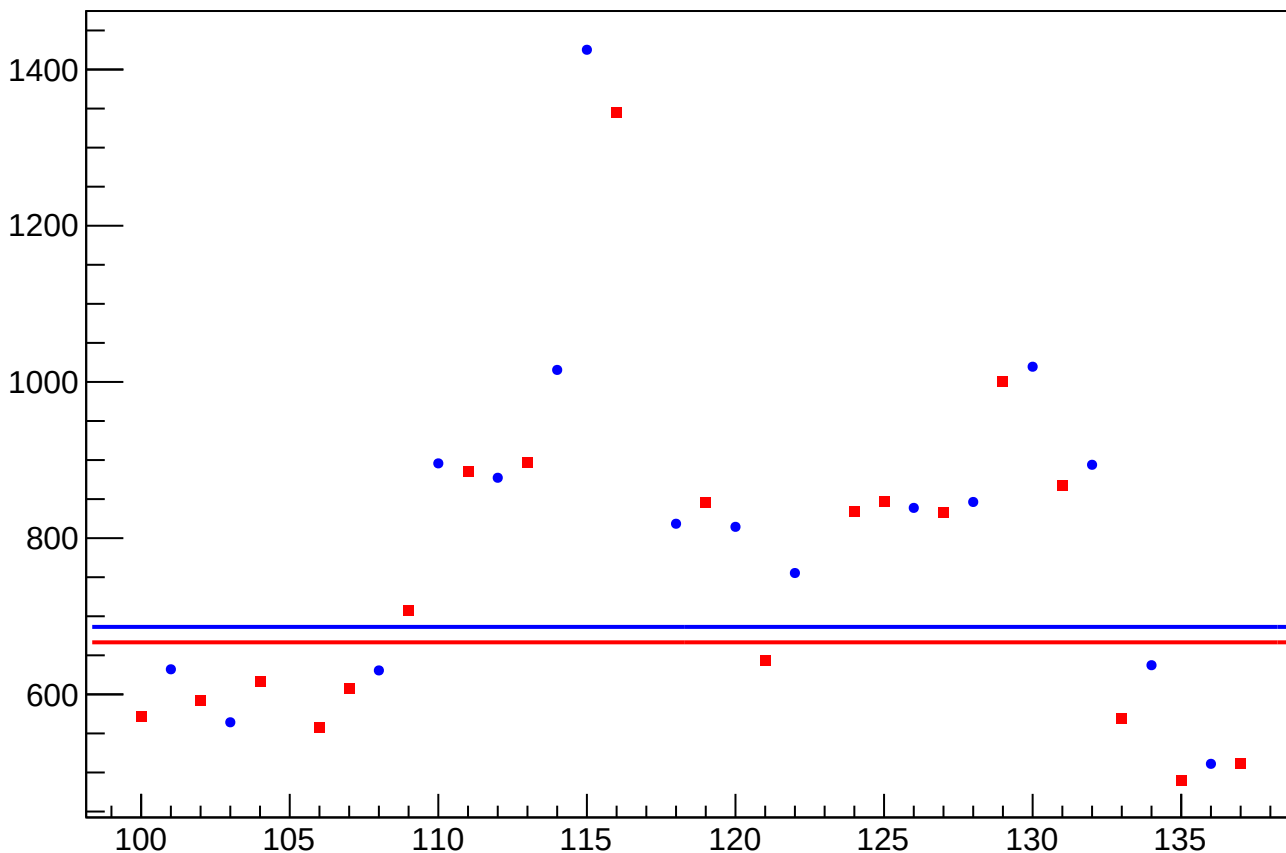
Right: 401.428+/-181.482 χ^2/NDF : 29.3/34

In: 323.198+/-262.332 χ^2/NDF : 9.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 401.428+/-181.482 χ^2/NDF : 29.3/34

asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 686.394+/-0.185 χ^2/NDF : 749454.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.634+/-0.178 χ^2/NDF : 777033.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

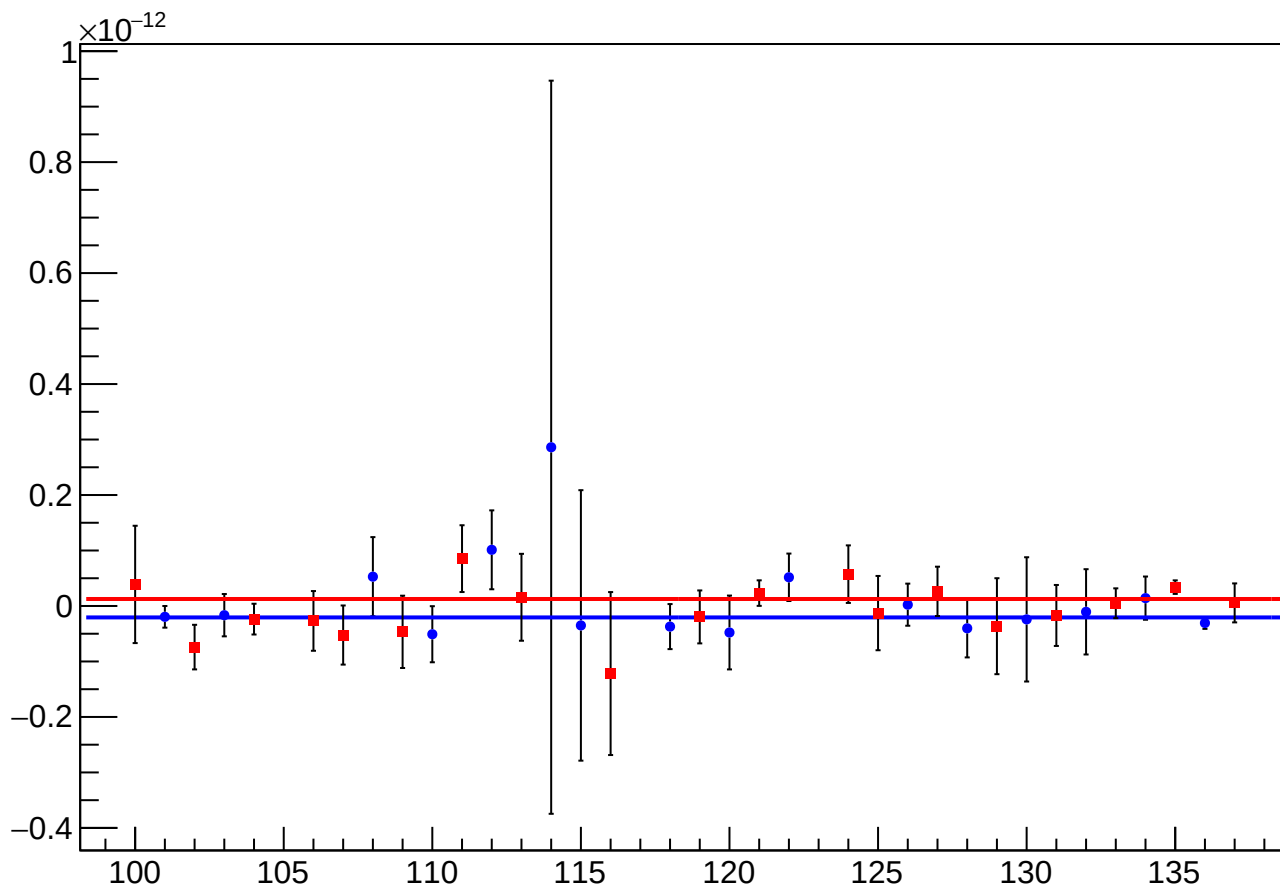
Right: 676.091+/-0.128 χ^2/NDF : 1532404.9/34

In: 686.394+/-0.185 χ^2/NDF : 749454.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 676.091+/-0.128 χ^2/NDF : 1532404.9/34

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

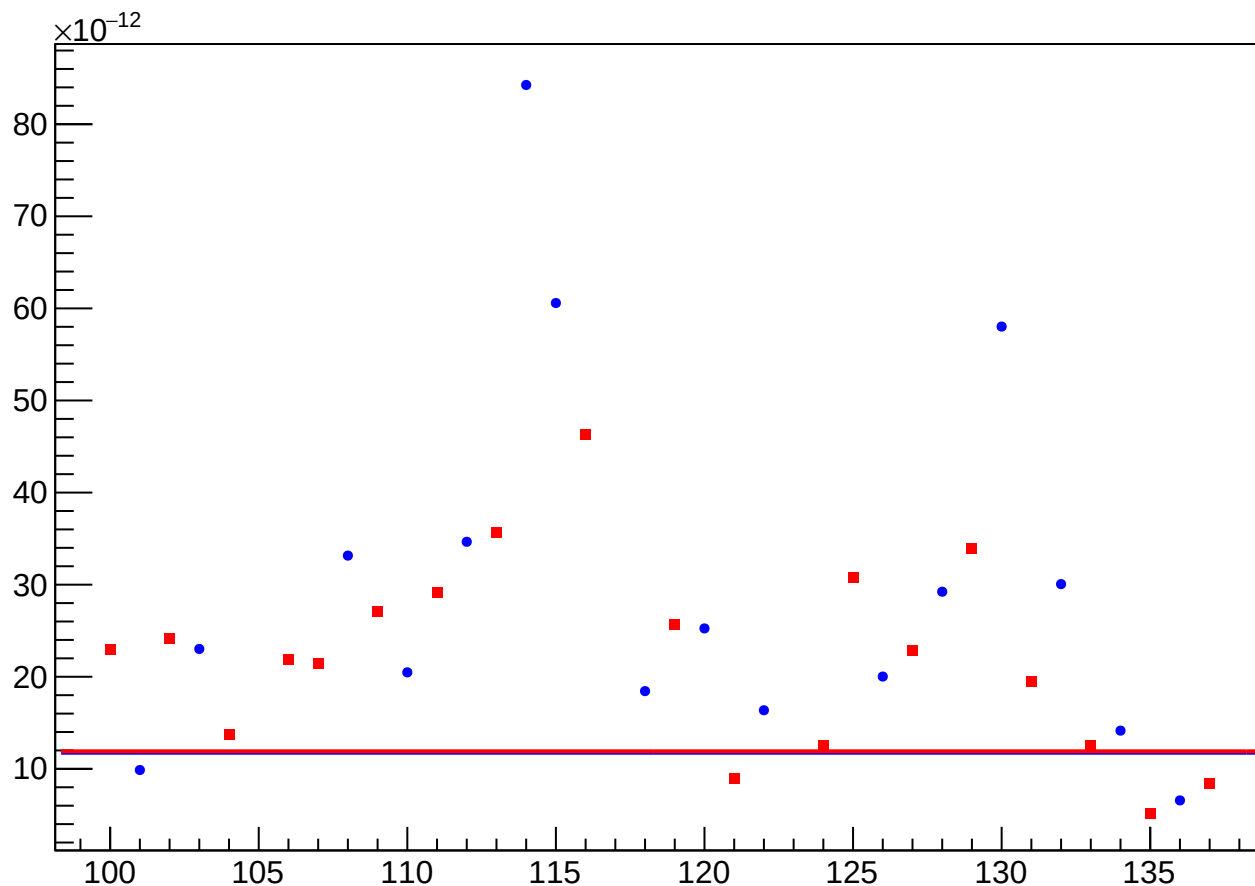
Right: -0.000+/-0.000 χ^2/NDF : 36.0/34

In: -0.000+/-0.000 χ^2/NDF : 10.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.0/34

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2161176.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2202451.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

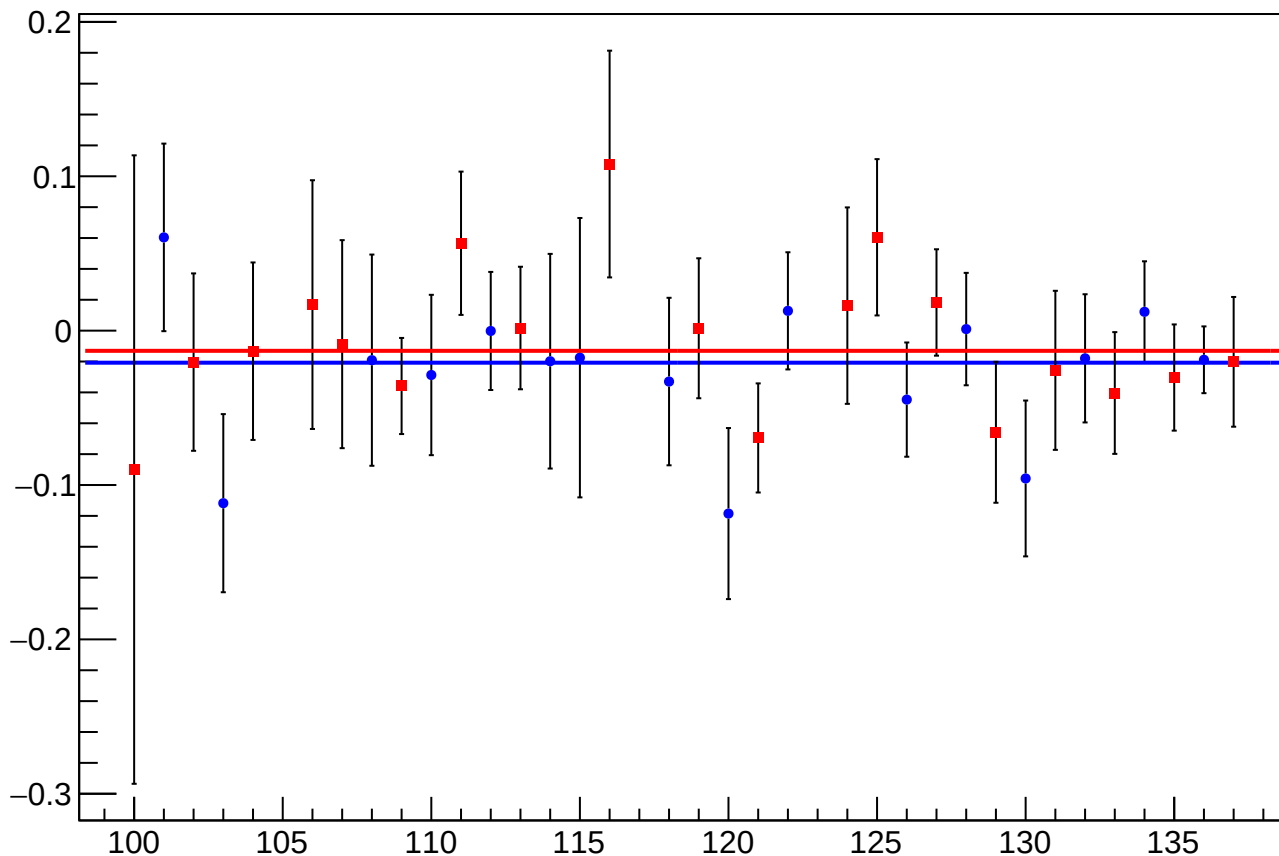
Right: 0.000+/-0.000 χ^2/NDF : 4364012.6/34

In: 0.000+/-0.000 χ^2/NDF : 2161176.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4364012.6/34

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.011 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

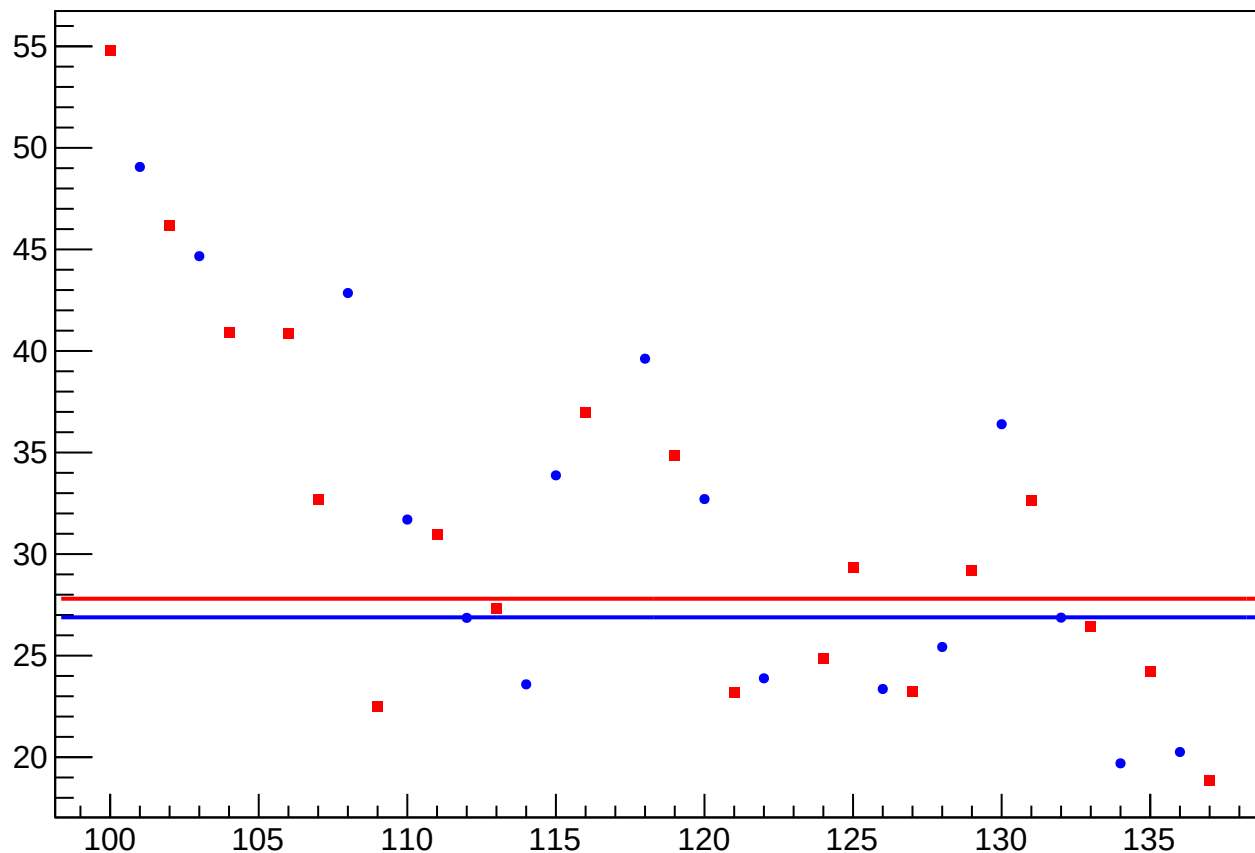
Right: -0.017 ± 0.007 χ^2/NDF : 26.7/34

In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.007 χ^2/NDF : 26.7/34

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.886+/-0.007 χ^2/NDF : 1120557.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 27.802+/-0.007 χ^2/NDF : 763106.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

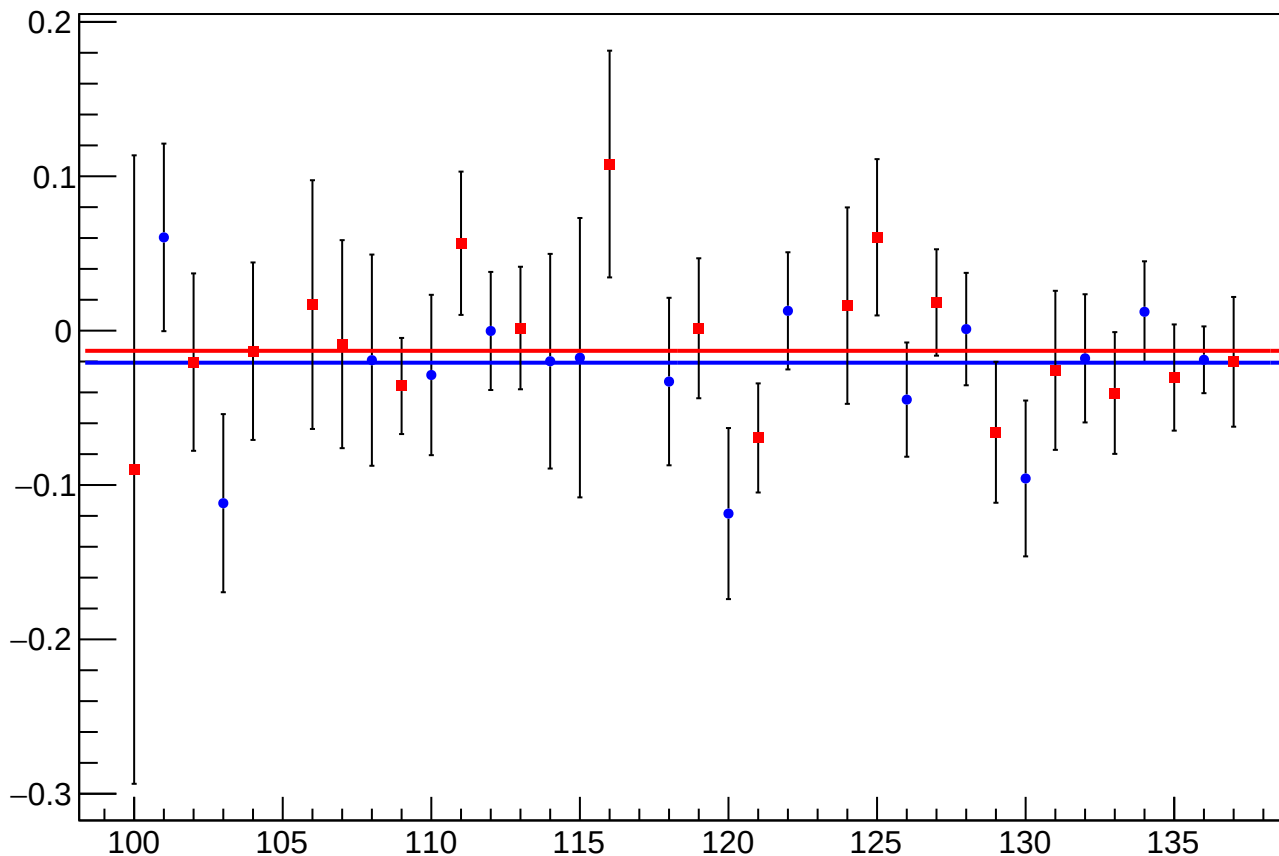
Right: 27.342+/-0.005 χ^2/NDF : 1891228.7/34

In: 26.886+/-0.007 χ^2/NDF :1120557.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.342+/-0.005 χ^2/NDF : 1891228.7/34

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.011 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

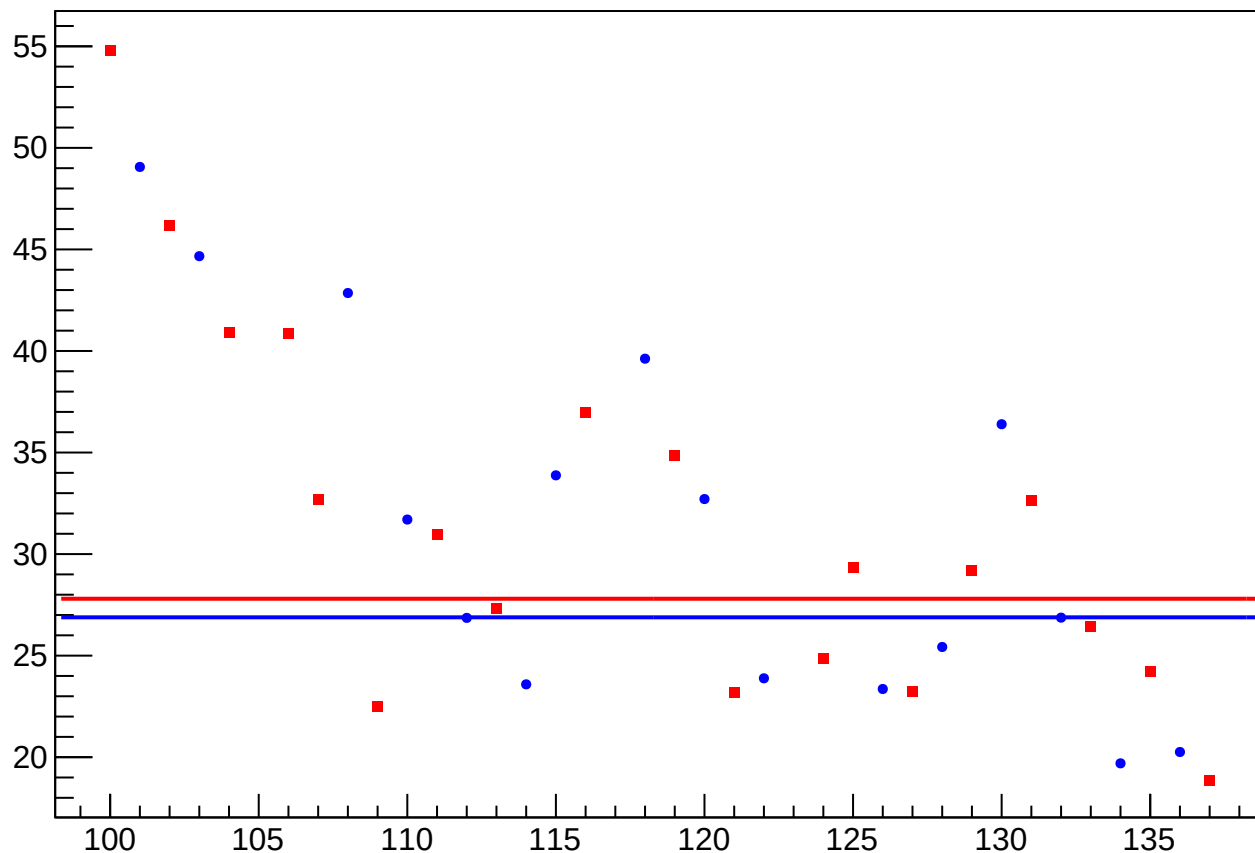
Right: -0.017 ± 0.007 χ^2/NDF : 26.7/34

In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.007 χ^2/NDF : 26.7/34

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.886+/-0.007 χ^2/NDF : 1120557.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.802+/-0.007 χ^2/NDF : 763106.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

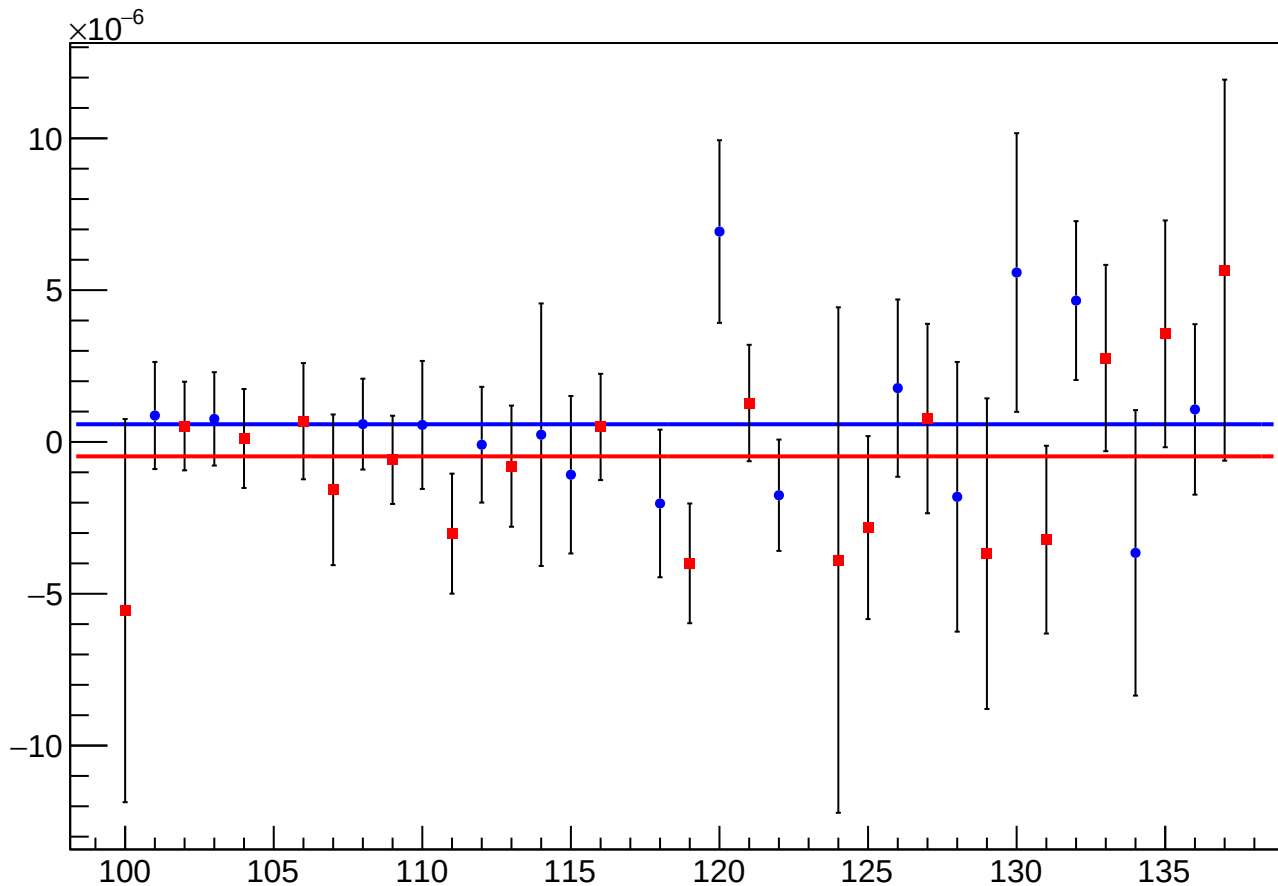
Right: 27.342+/-0.005 χ^2/NDF : 1891228.7/34

In: 26.886+/-0.007 χ^2/NDF : 1120557.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.342+/-0.005 χ^2/NDF : 1891228.7/34

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 12.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

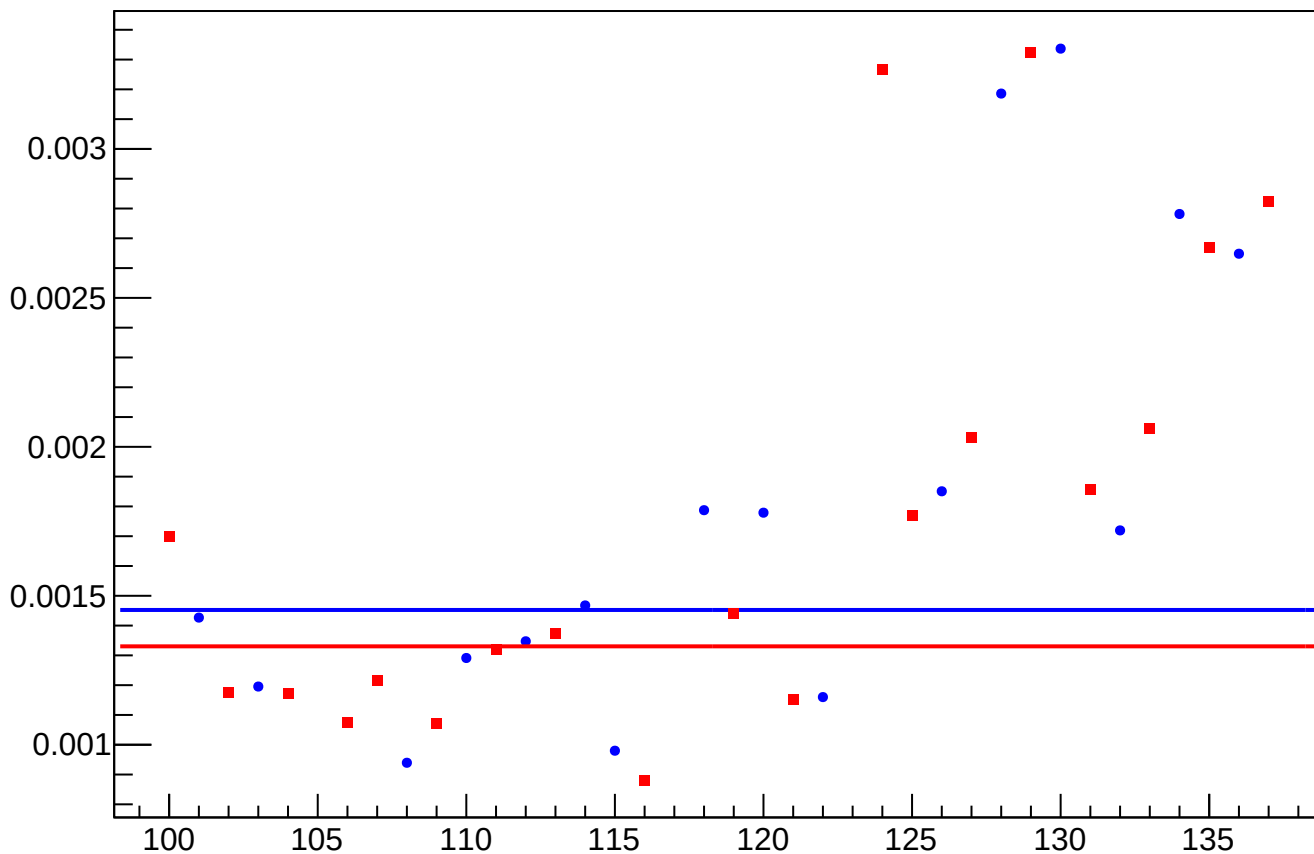
Right: -0.000+/-0.000 χ^2/NDF : 27.8/34

In: 0.000+/-0.000 χ^2/NDF : 12.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.8/34

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 1710487.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 1402821.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 3162860.5/34

In: 0.001+/-0.000

χ^2/NDF : 1710487.9/15

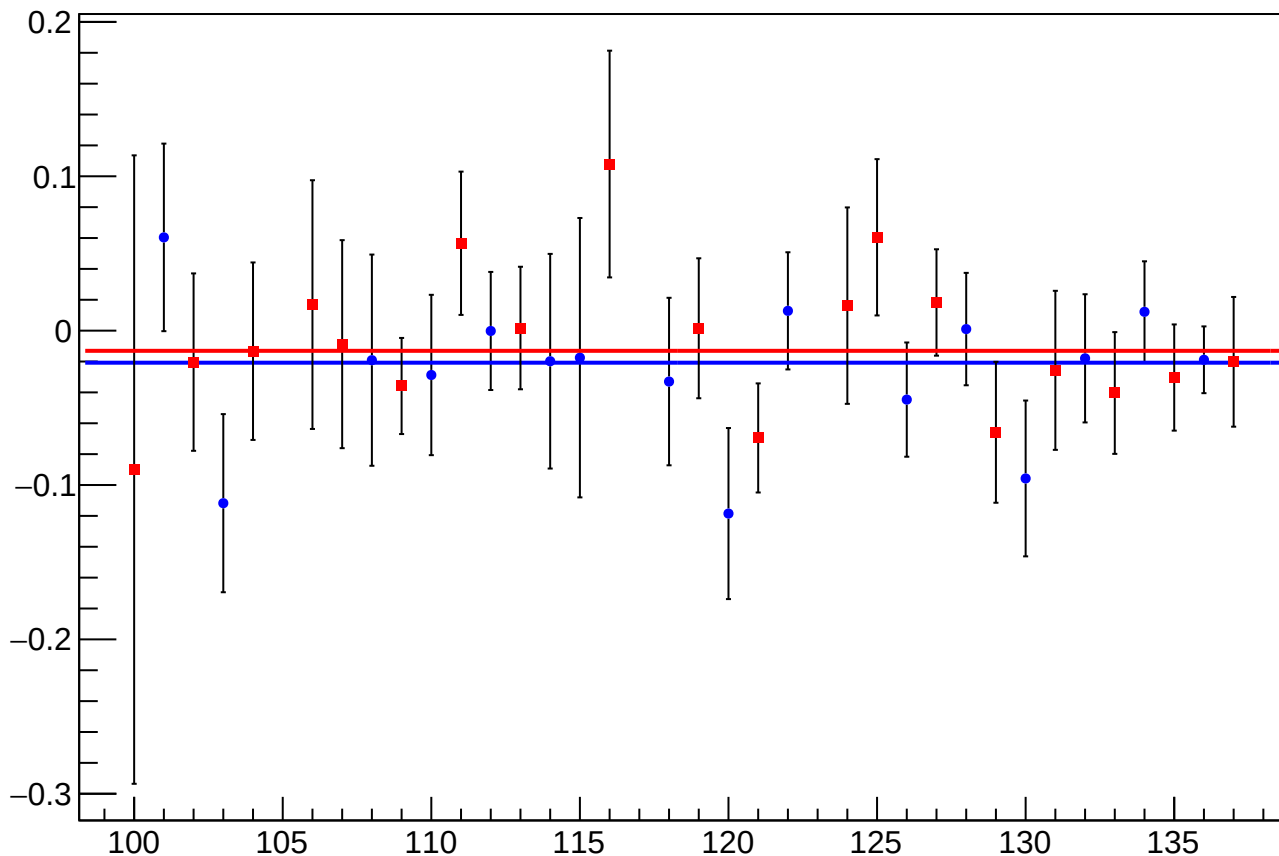
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 3162860.5/34

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.011 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

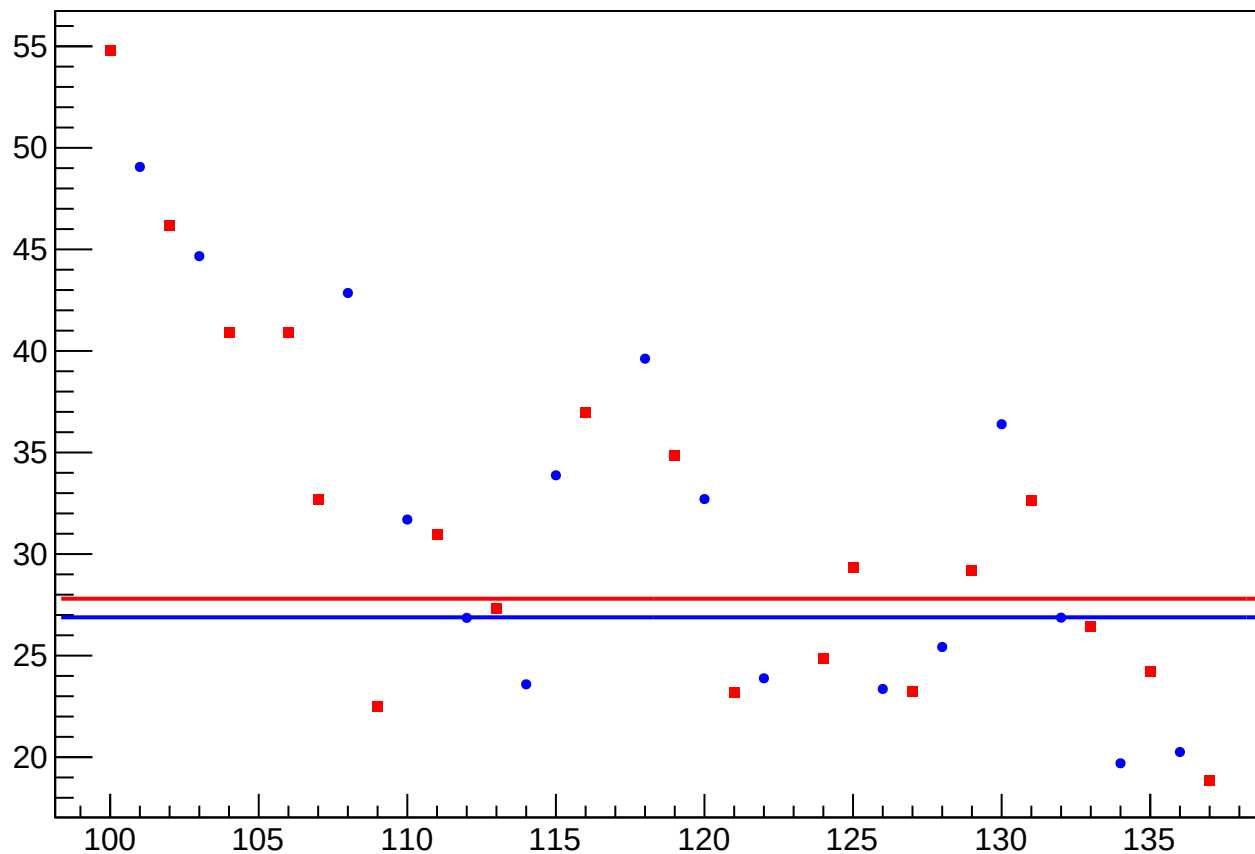
Right: -0.017 ± 0.007 χ^2/NDF : 26.7/34

In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.007 χ^2/NDF : 26.7/34

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.885 $\pm$ 0.007 χ^2 /NDF: 1120567.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.800 $\pm$ 0.007 χ^2 /NDF: 763213.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

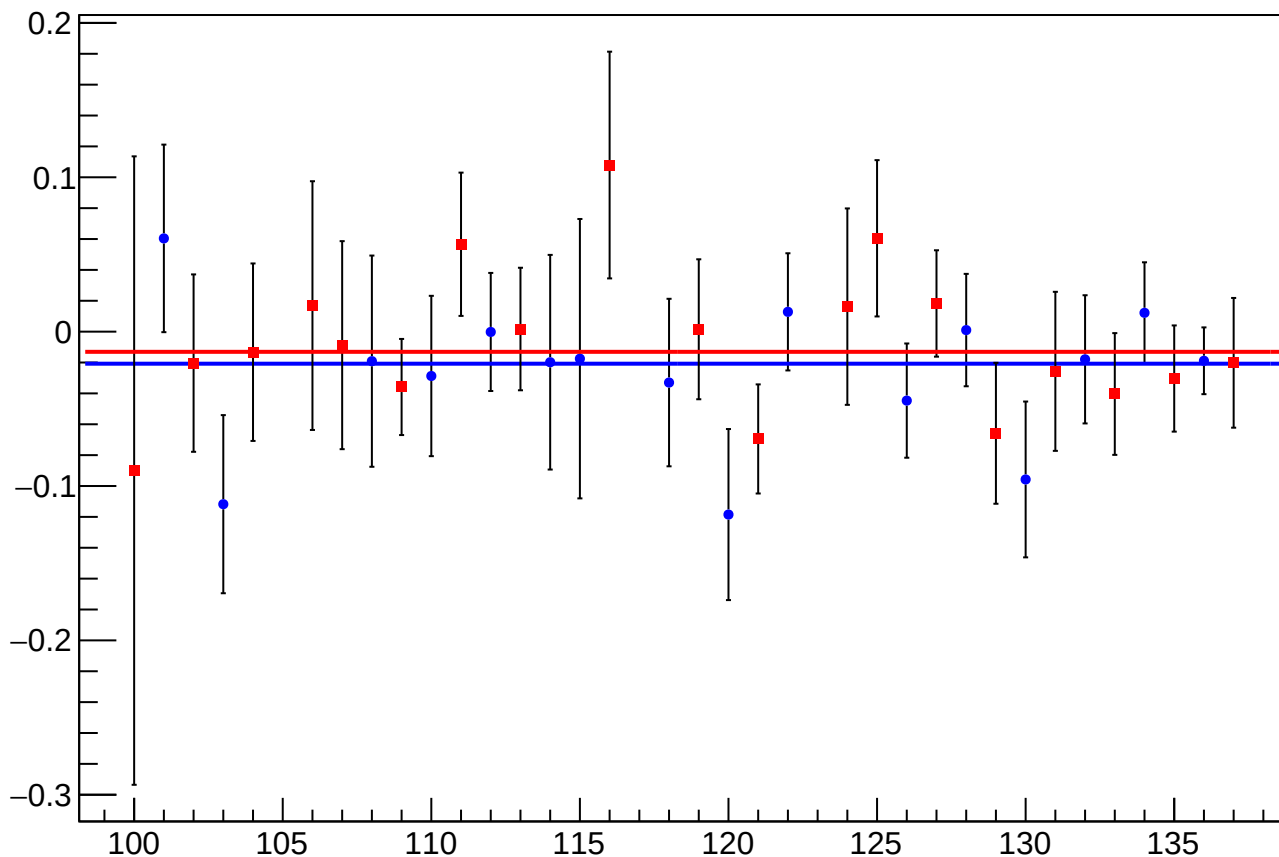
Right: 27.341 $\pm$ 0.005 χ^2 /NDF: 1891338.8/34

In: 26.885 $\pm$ 0.007 χ^2 /NDF:1120567.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.341 $\pm$ 0.005 χ^2 /NDF: 1891338.8/34

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.011 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

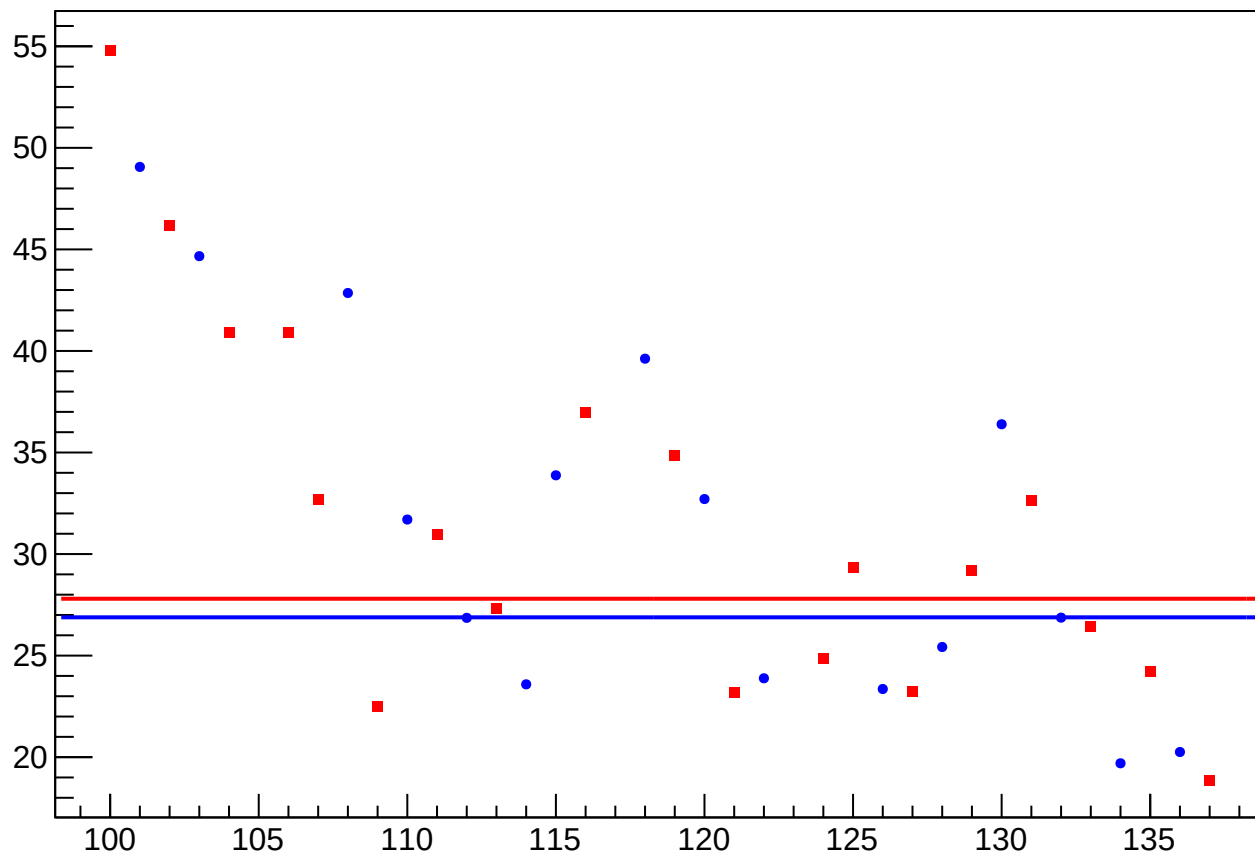
Right: -0.017 ± 0.007 χ^2/NDF : 26.7/34

In: -0.021 ± 0.011 χ^2/NDF : 12.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.007 χ^2/NDF : 26.7/34

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.885+/-0.007 χ^2/NDF : 1120567.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.800+/-0.007 χ^2/NDF : 763213.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

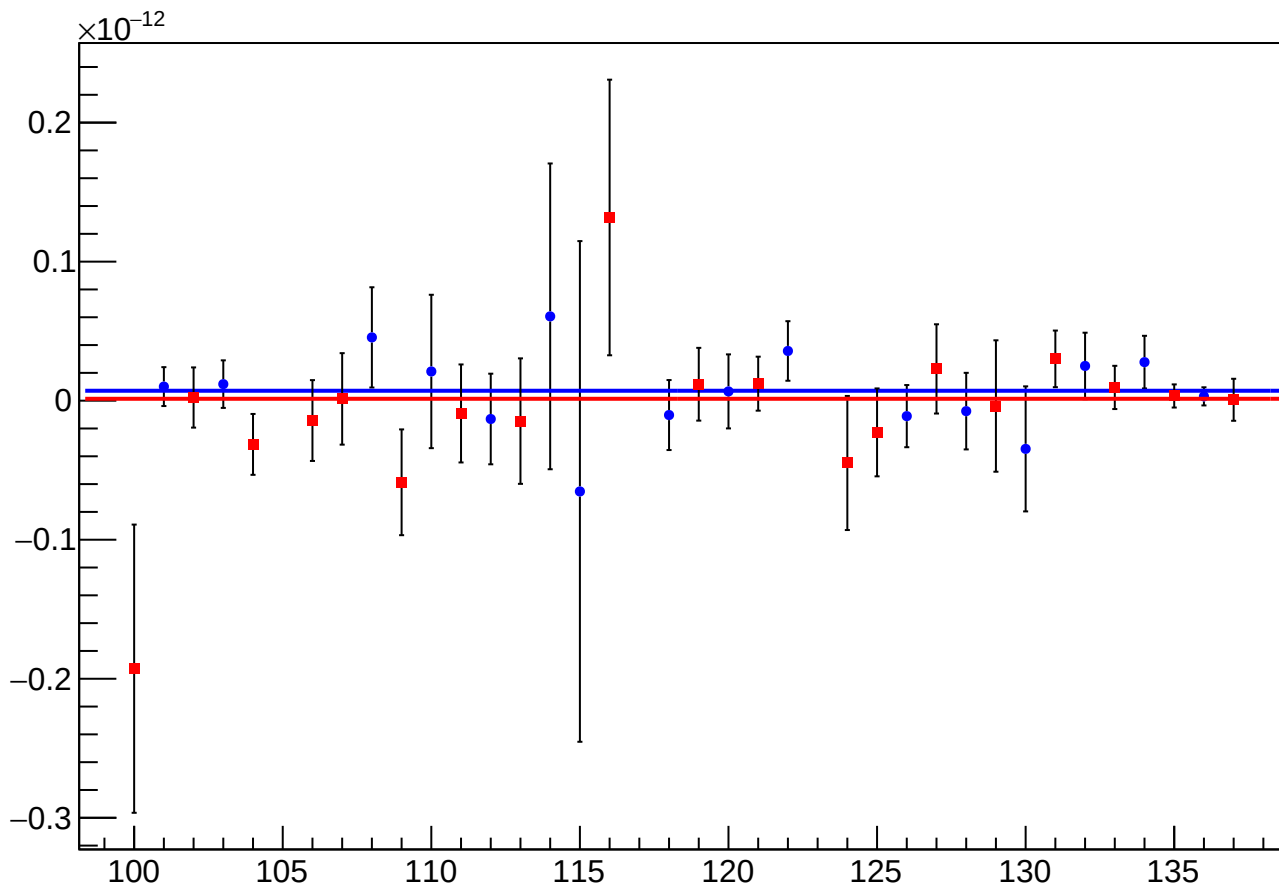
Right: 27.341+/-0.005 χ^2/NDF : 1891338.8/34

In: 26.885+/-0.007 χ^2/NDF : 1120567.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.341+/-0.005 χ^2/NDF : 1891338.8/34

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

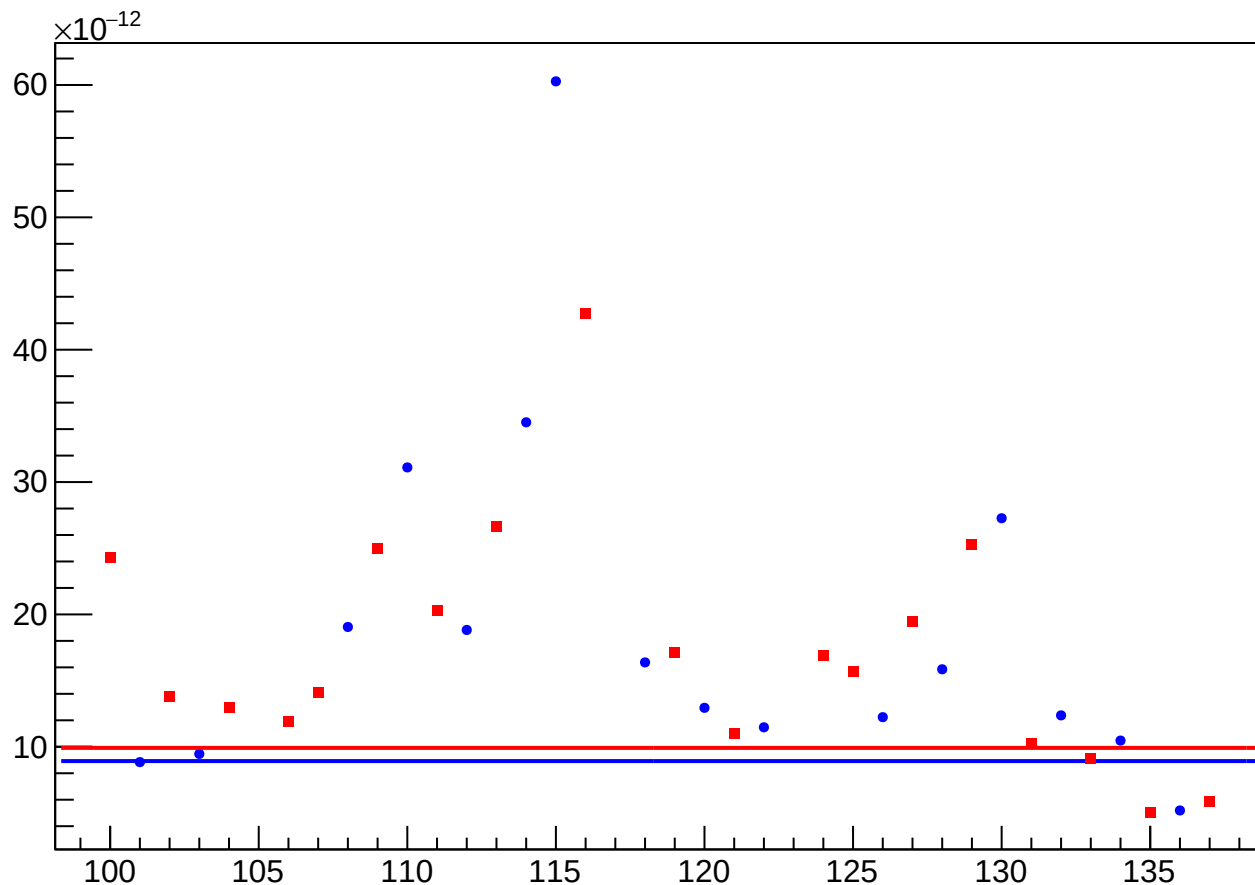
Right: 0.000+/-0.000 χ^2/NDF : 24.3/34

In: 0.000+/-0.000 χ^2/NDF : 8.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 24.3/34

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2402804.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2669812.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

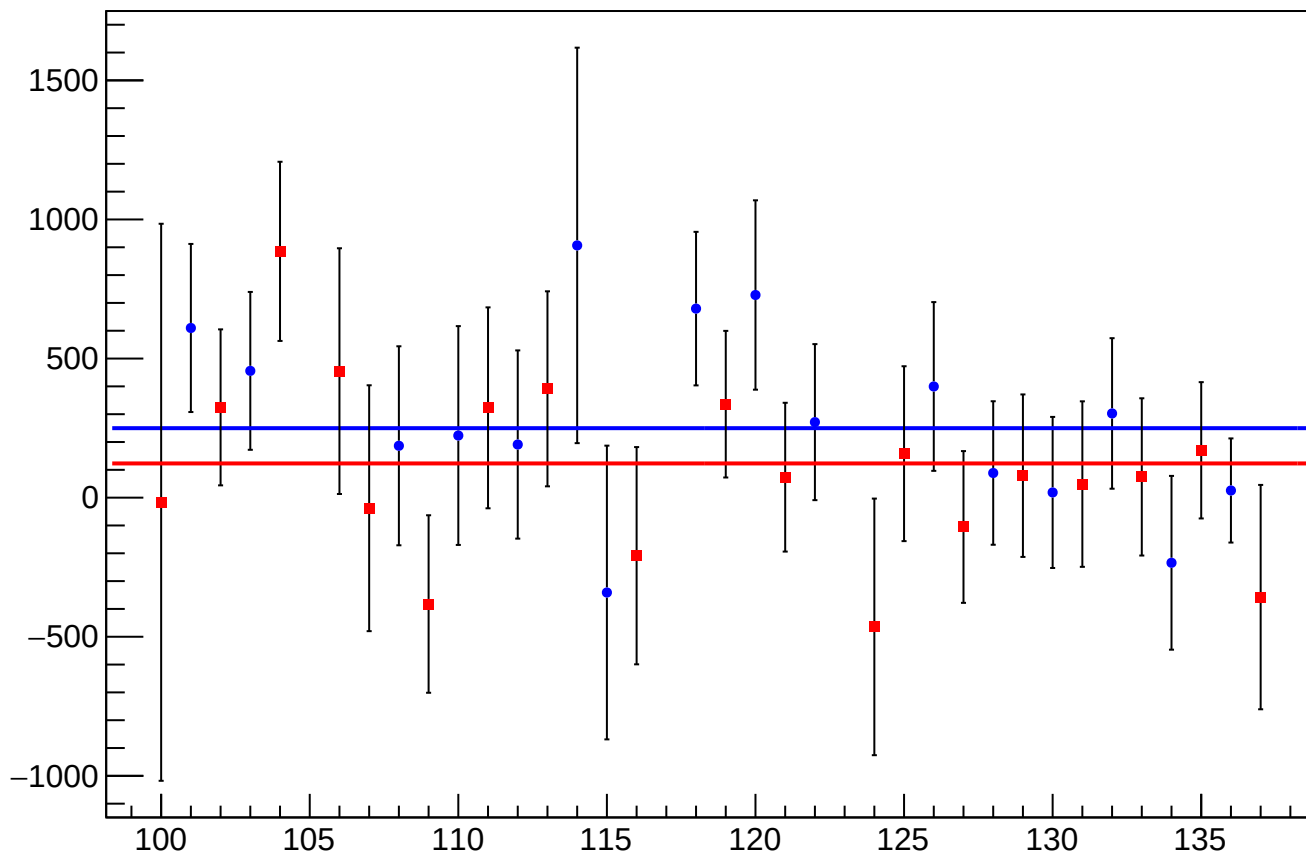
Right: 0.000+/-0.000 χ^2/NDF : 5116378.6/34

In: 0.000+/-0.000 χ^2/NDF : 2402804.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5116378.6/34

reg_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 249.761 $\pm$ 74.877 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.993 $\pm$ 74.370 χ^2 /NDF: 15.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

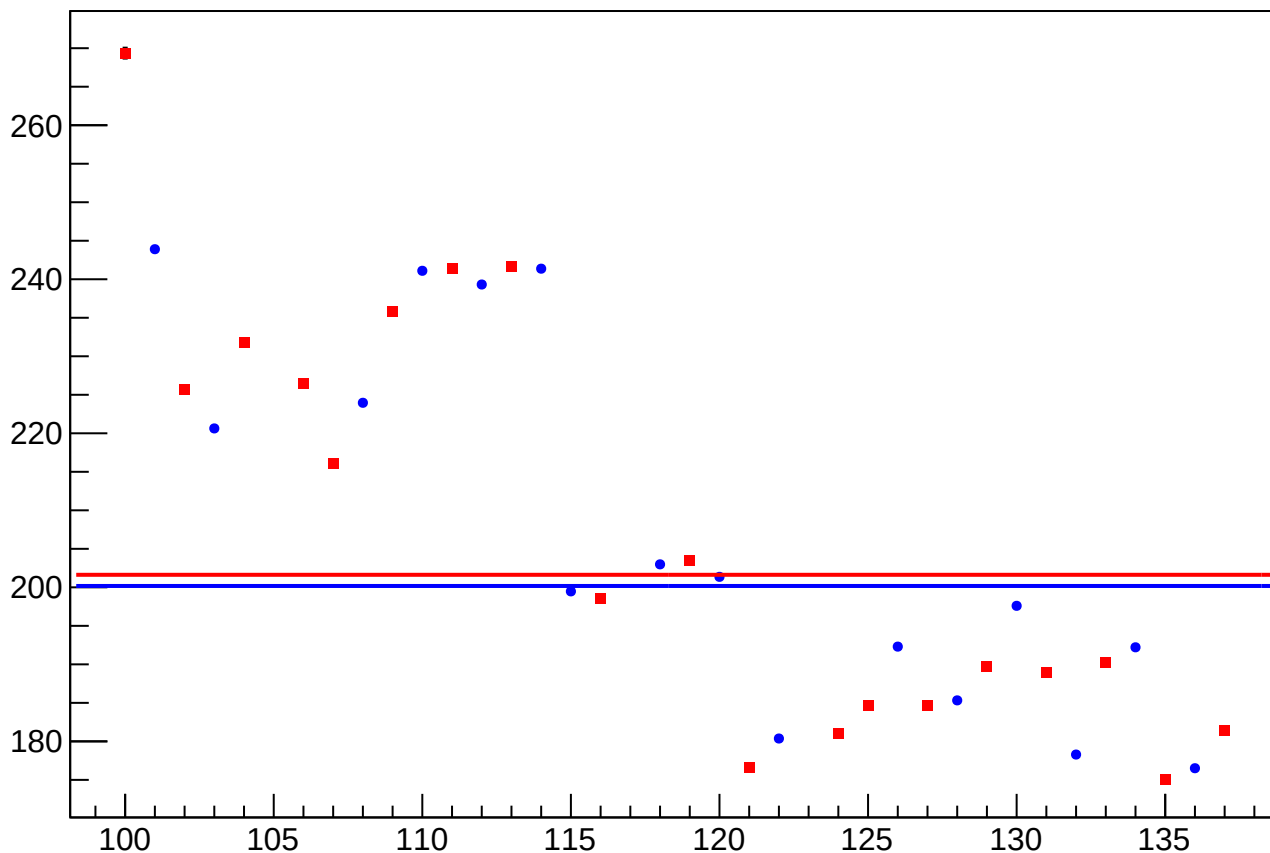
Right: 185.946 $\pm$ 52.766 χ^2 /NDF: 30.8/34

In: 249.761 $\pm$ 74.877 χ^2 /NDF:13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.946 $\pm$ 52.766 χ^2 /NDF: 30.8/34

reg_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 200.177+/-0.053 χ^2/NDF : 181001.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.627+/-0.053 χ^2/NDF : 197245.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

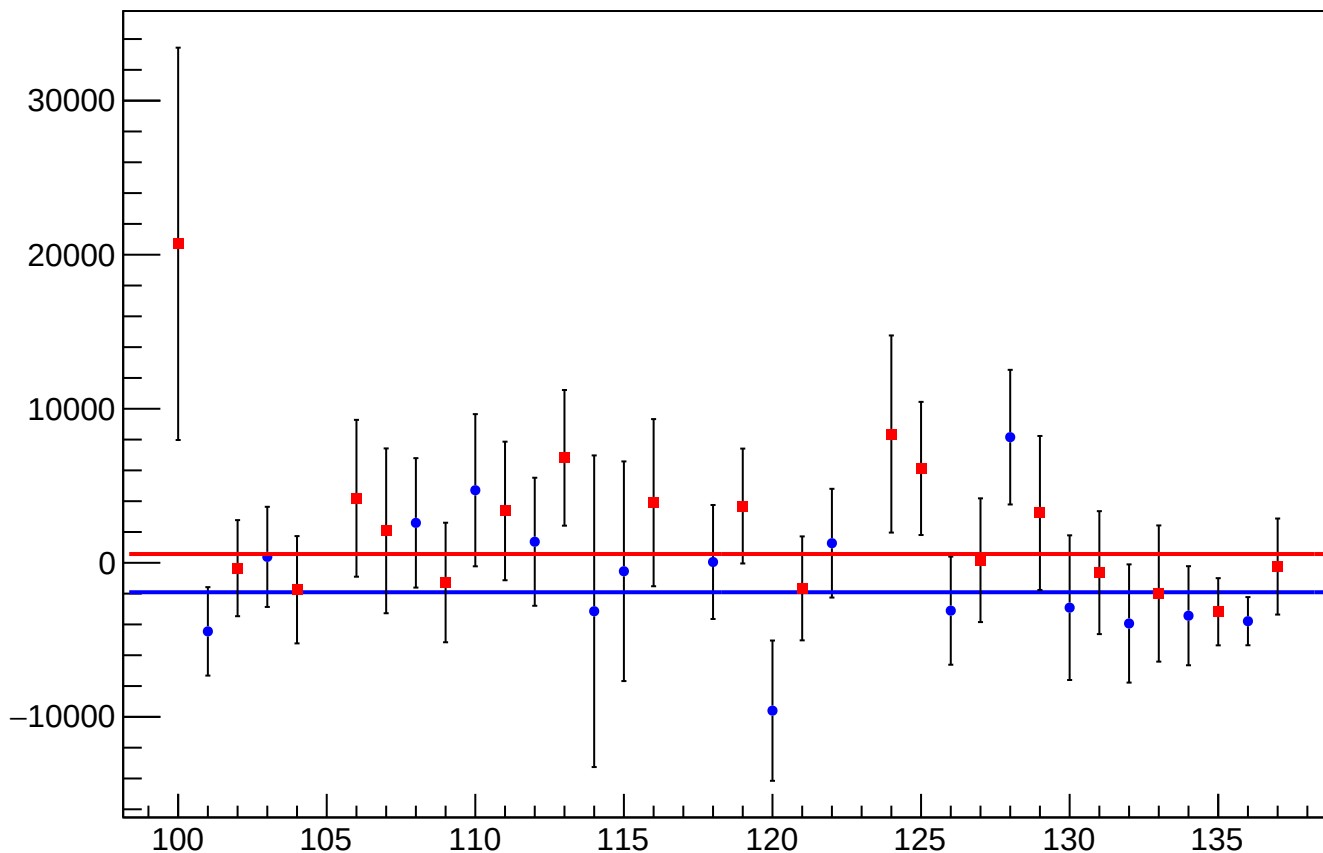
Right: 200.907+/-0.037 χ^2/NDF : 378624.7/34

In: 200.177+/-0.053 χ^2/NDF : 181001.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.907+/-0.037 χ^2/NDF : 378624.7/34

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1910.348 $\pm$ 859.088 χ^2 /NDF: 16.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 570.946 $\pm$ 900.451 χ^2 /NDF: 14.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

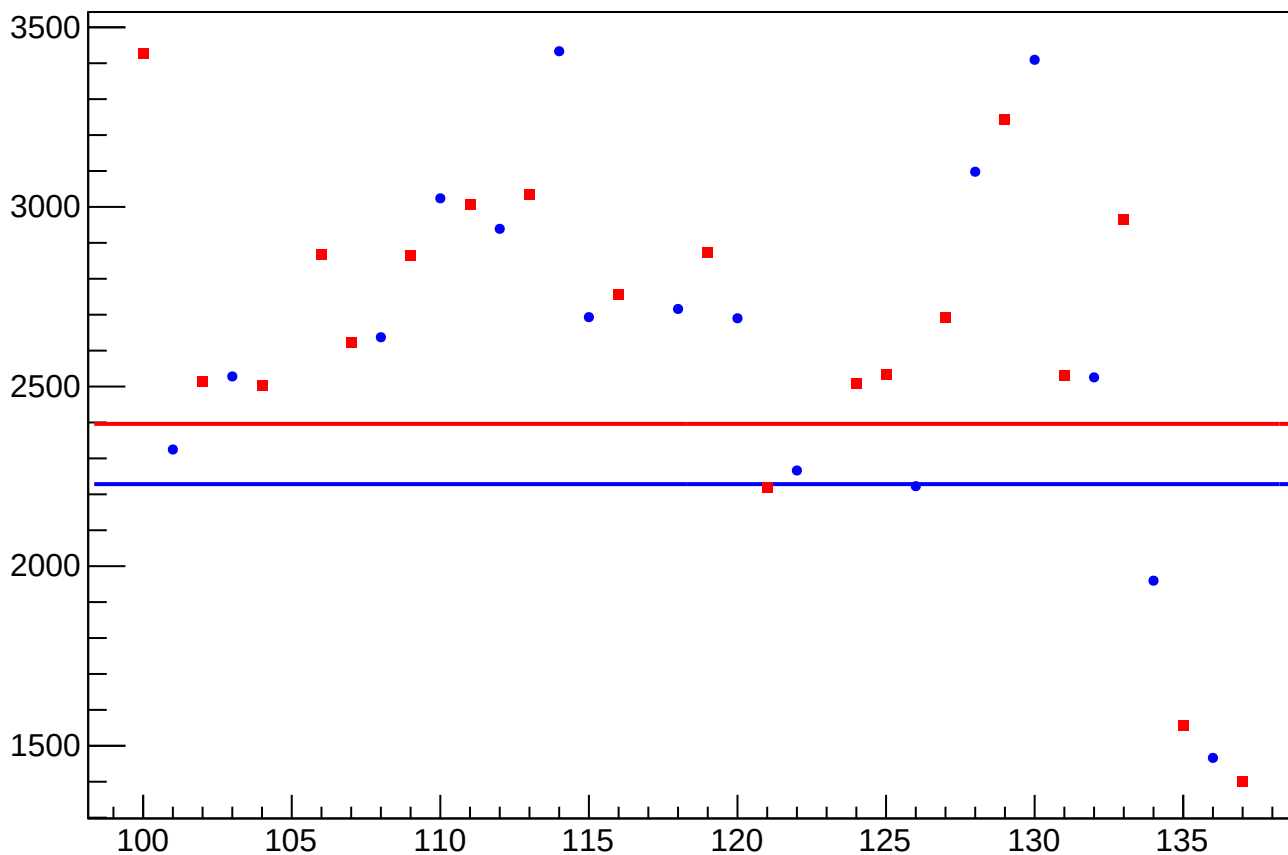
Right: -728.000 $\pm$ 621.575 χ^2 /NDF: 34.9/34

In: -1910.348 $\pm$ 859.088 χ^2 /NDF:16.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -728.000 $\pm$ 621.575 χ^2 /NDF: 34.9/34

asym_sam_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 2228.431+/-0.607 χ^2/NDF : 947654.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2396.080+/-0.637 χ^2/NDF : 799442.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

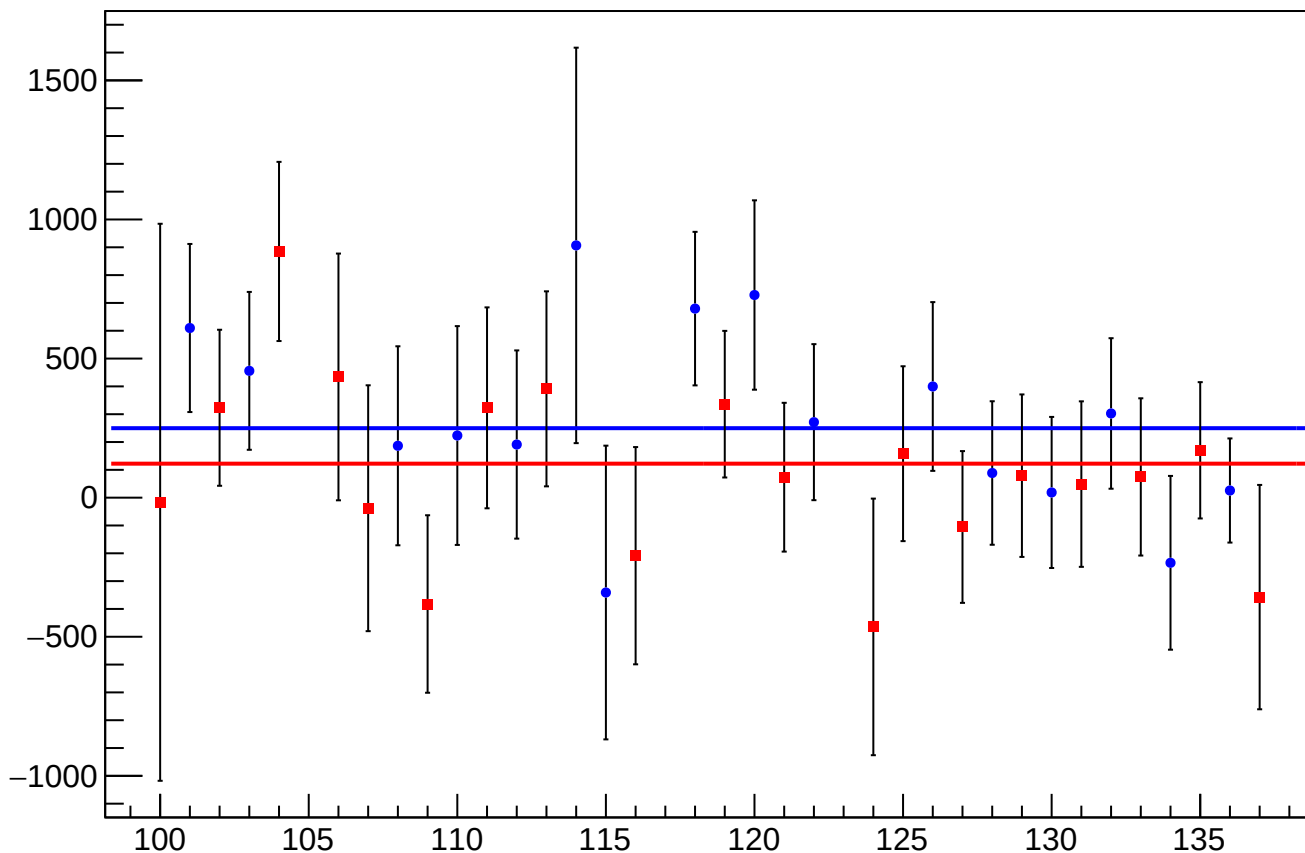
Right: 2308.317+/-0.440 χ^2/NDF : 1783390.1/34

In: 2228.431+/-0.607 χ^2/NDF : 947654.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2308.317+/-0.440 χ^2/NDF : 1783390.1/34

cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 249.764 $\pm$ 74.877 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.210 $\pm$ 74.380 χ^2 /NDF: 15.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

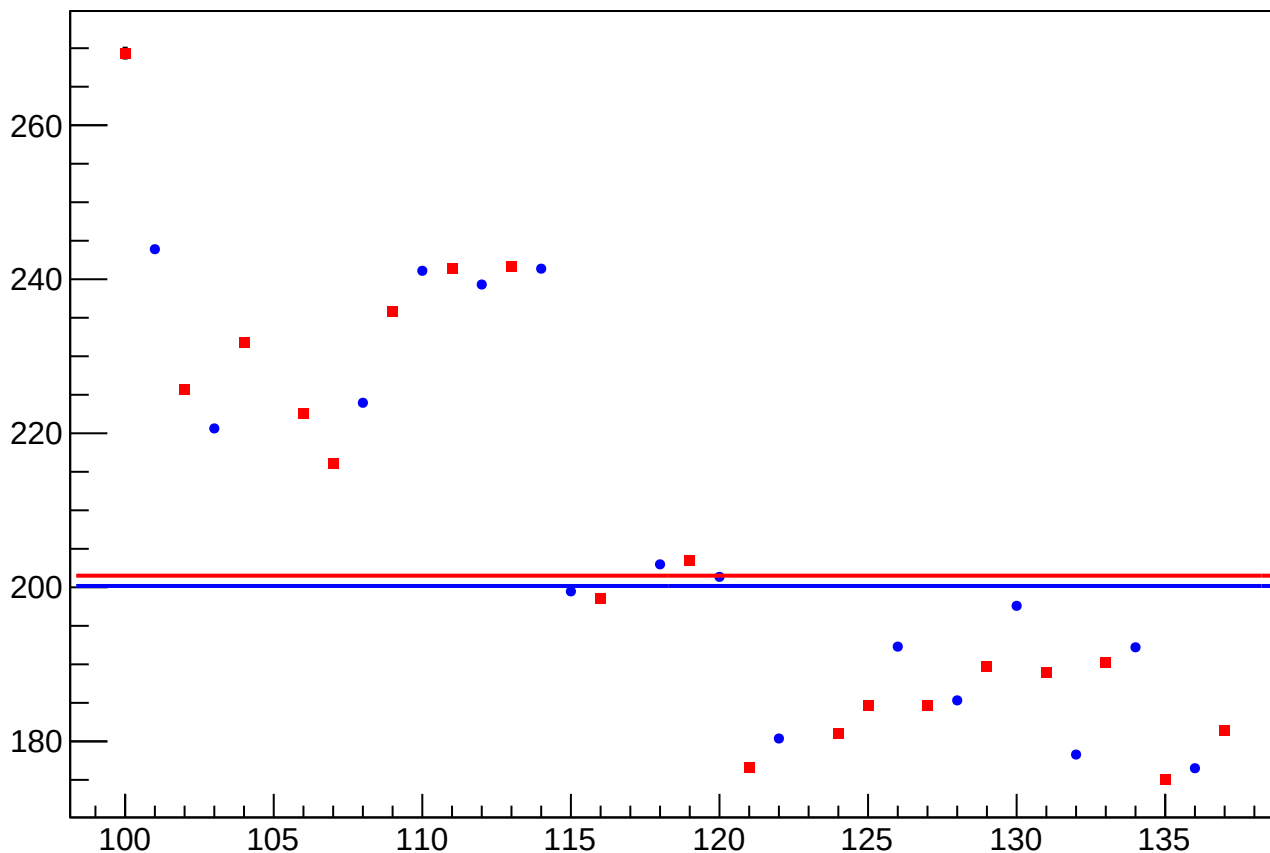
Right: 185.562 $\pm$ 52.770 χ^2 /NDF: 30.7/34

In: 249.764 $\pm$ 74.877 χ^2 /NDF:13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.562 $\pm$ 52.770 χ^2 /NDF: 30.7/34

cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.514+/-0.053 χ^2/NDF : 195431.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

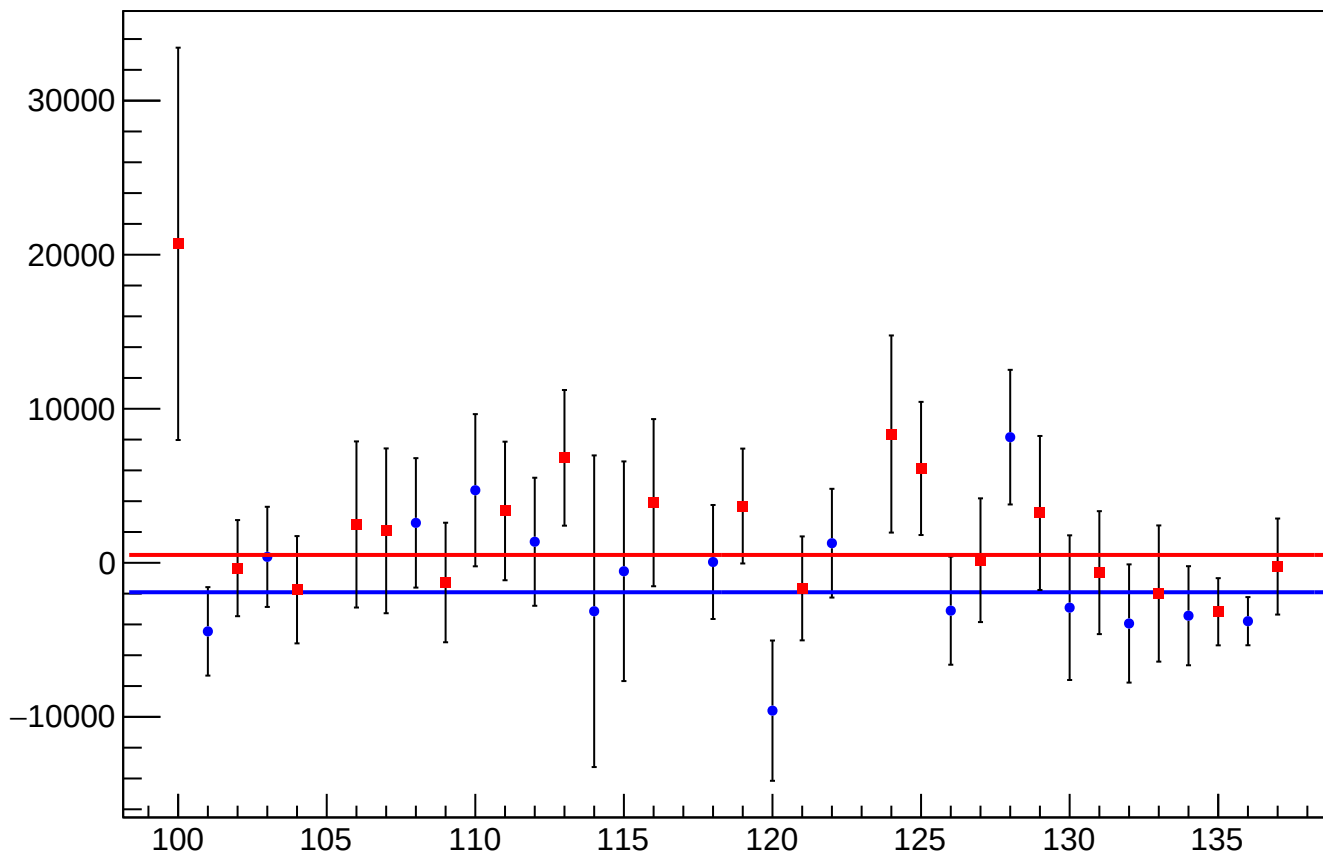
Right: 200.850+/-0.037 χ^2/NDF : 376754.0/34

In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.850+/-0.037 χ^2/NDF : 376754.0/34

asym_sam_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.276+/-902.014 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

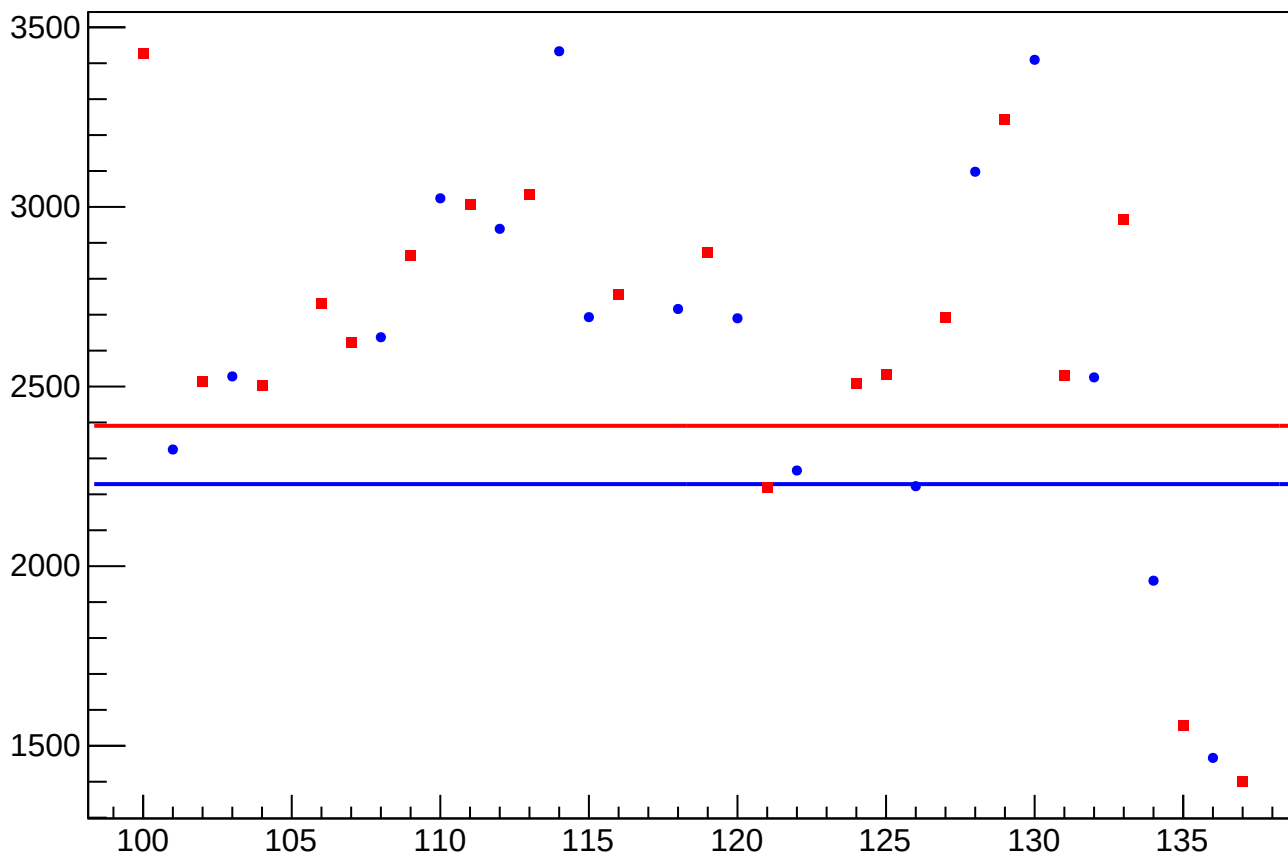
Right: -758.506+/-622.089 χ^2/NDF : 34.3/34

In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -758.506+/-622.089 χ^2/NDF : 34.3/34

asym_sam_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2390.731+/-0.638 χ^2/NDF : 790004.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

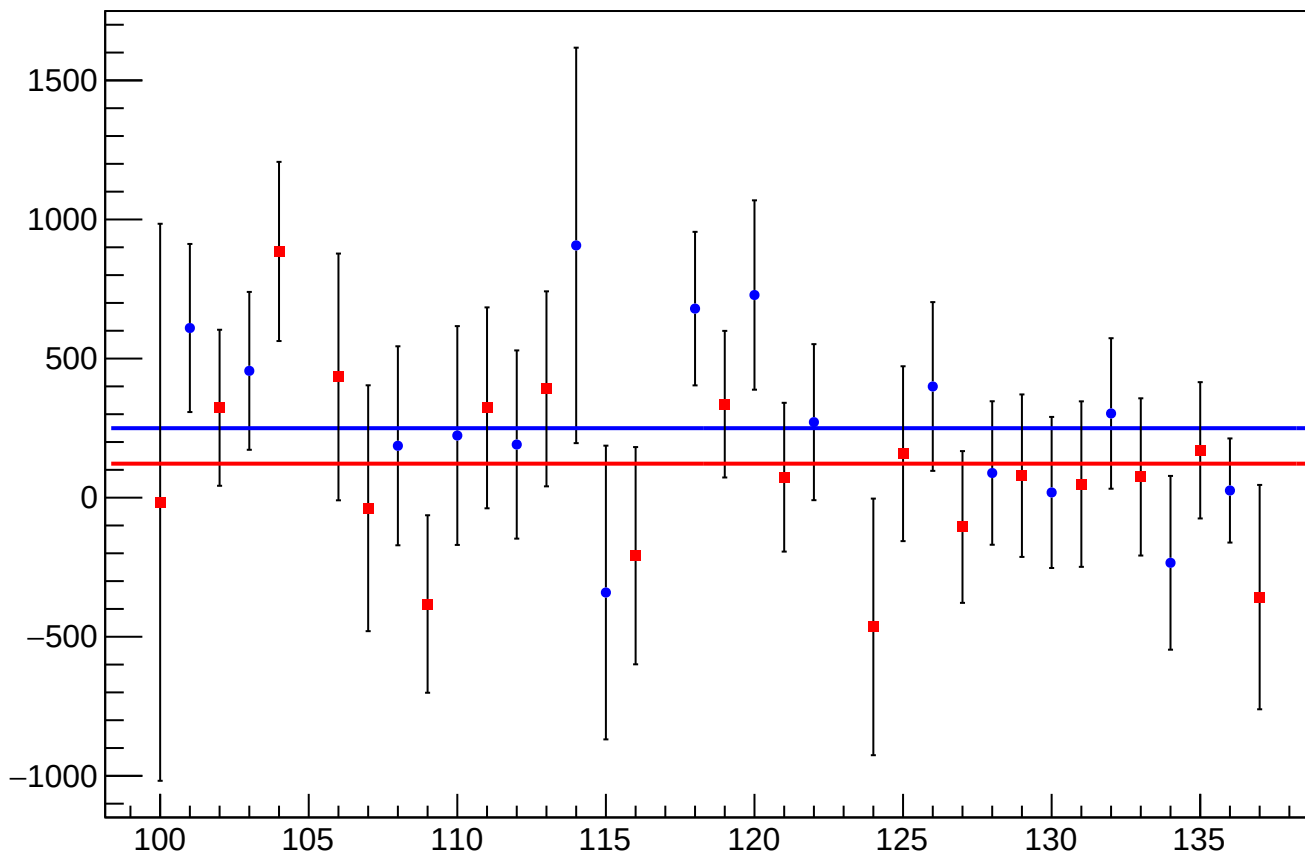
Right: 2305.630+/-0.440 χ^2/NDF : 1771614.3/34

In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.630+/-0.440 χ^2/NDF : 1771614.3/34

eigen_cor_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 249.764 $\pm$ 74.877 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 122.210 $\pm$ 74.380 χ^2 /NDF: 15.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

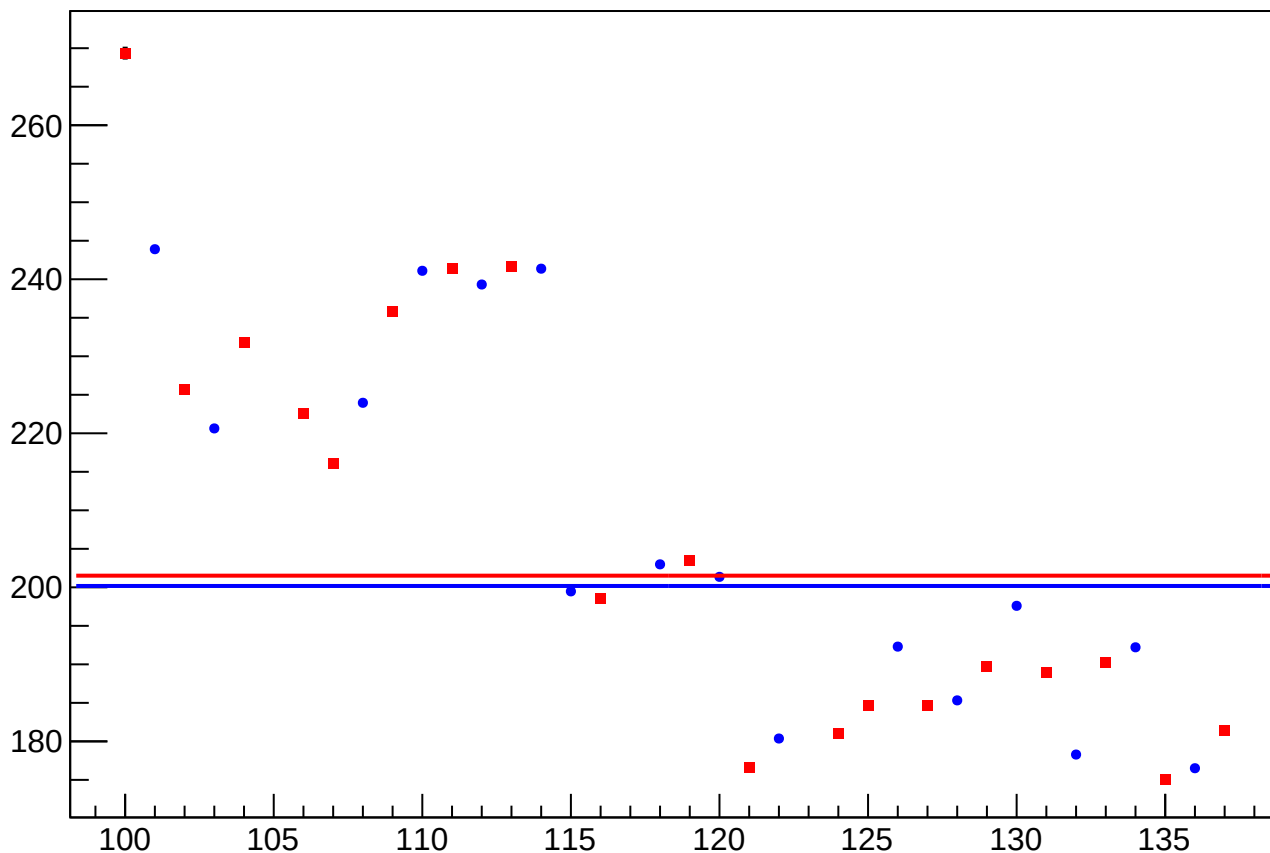
Right: 185.562 $\pm$ 52.770 χ^2 /NDF: 30.7/34

In: 249.764 $\pm$ 74.877 χ^2 /NDF:13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 185.562 $\pm$ 52.770 χ^2 /NDF: 30.7/34

eigen_cor_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 201.514+/-0.053 χ^2/NDF : 195431.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

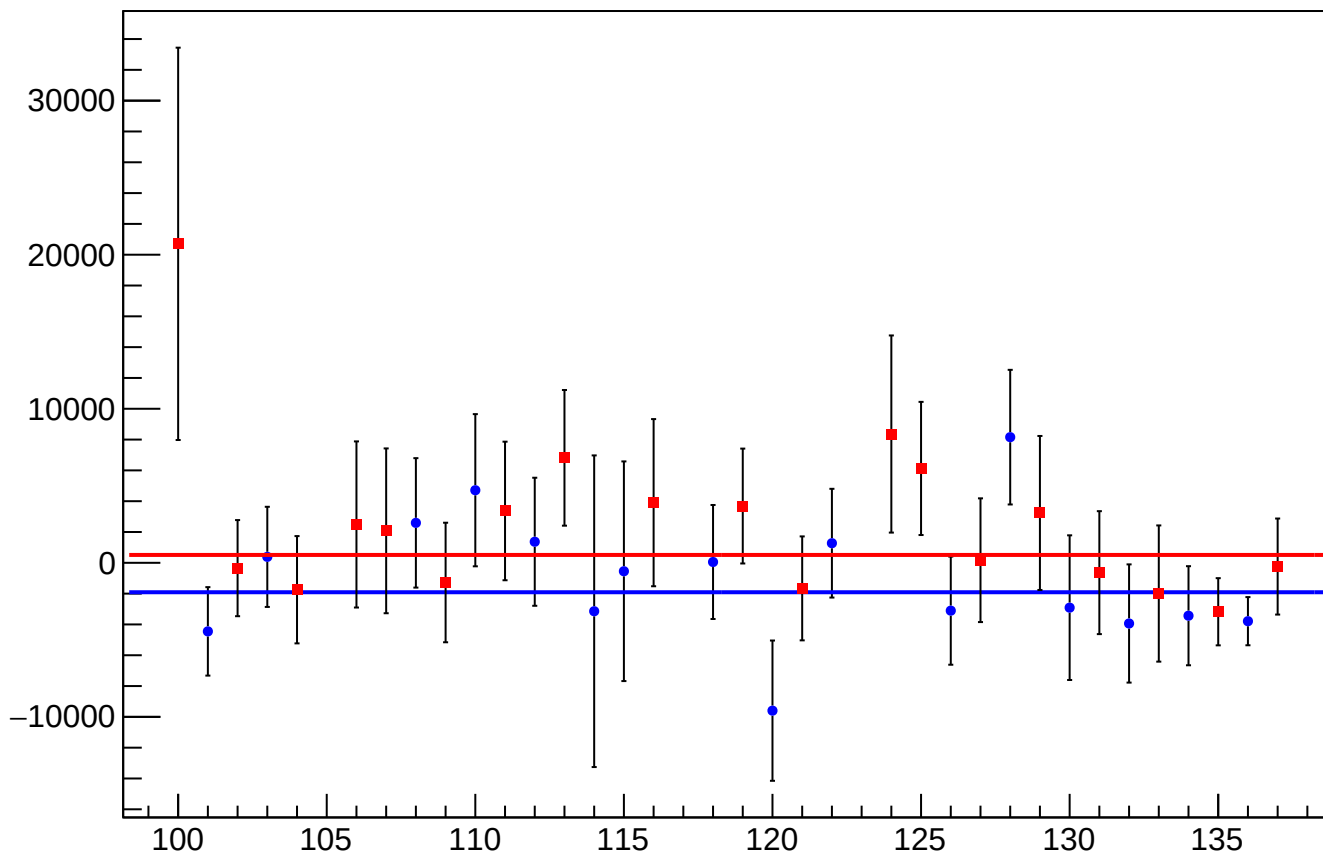
Right: 200.850+/-0.037 χ^2/NDF : 376754.0/34

In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 200.850+/-0.037 χ^2/NDF : 376754.0/34

asym_sam_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 511.276+/-902.014 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

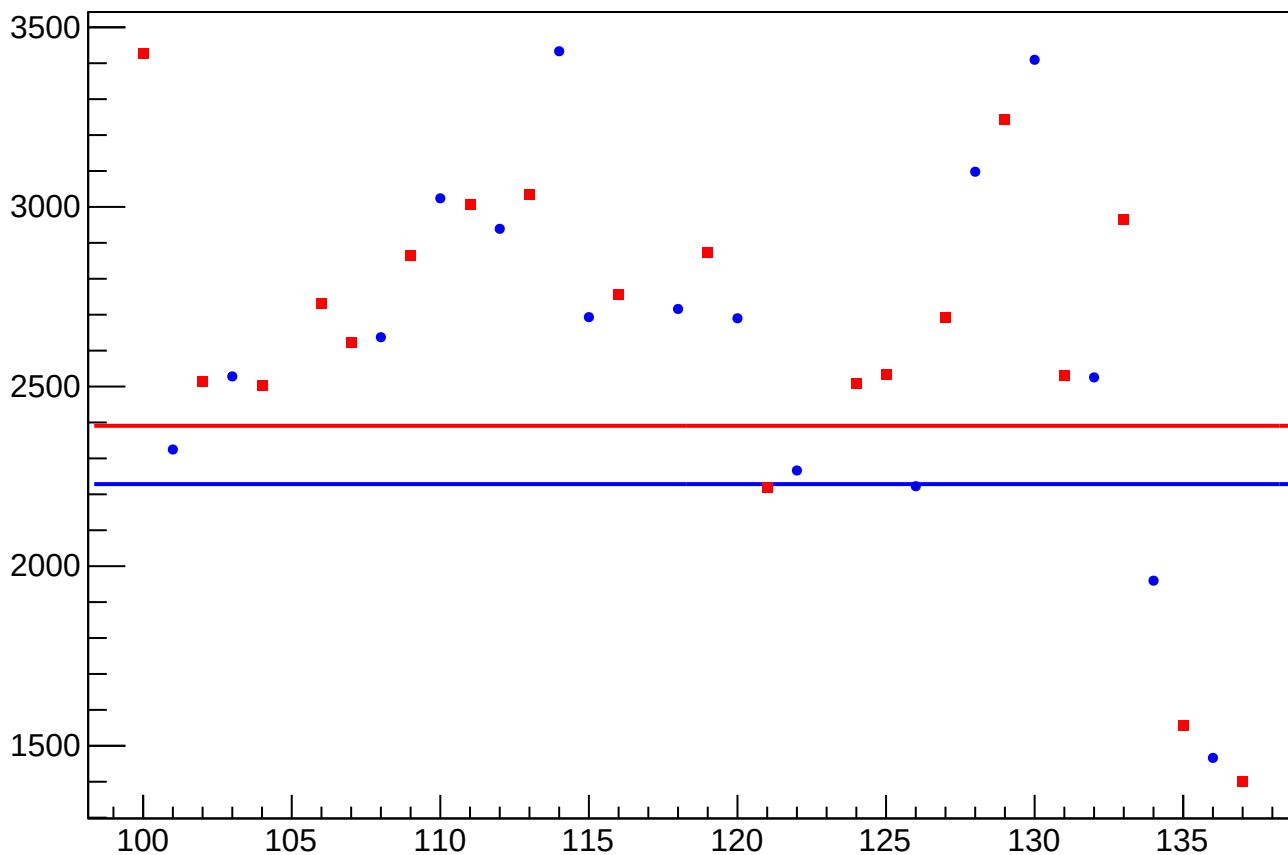
Right: -758.506+/-622.089 χ^2/NDF : 34.3/34

In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -758.506+/-622.089 χ^2/NDF : 34.3/34

asym_sam_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2390.731+/-0.638 χ^2/NDF : 790004.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

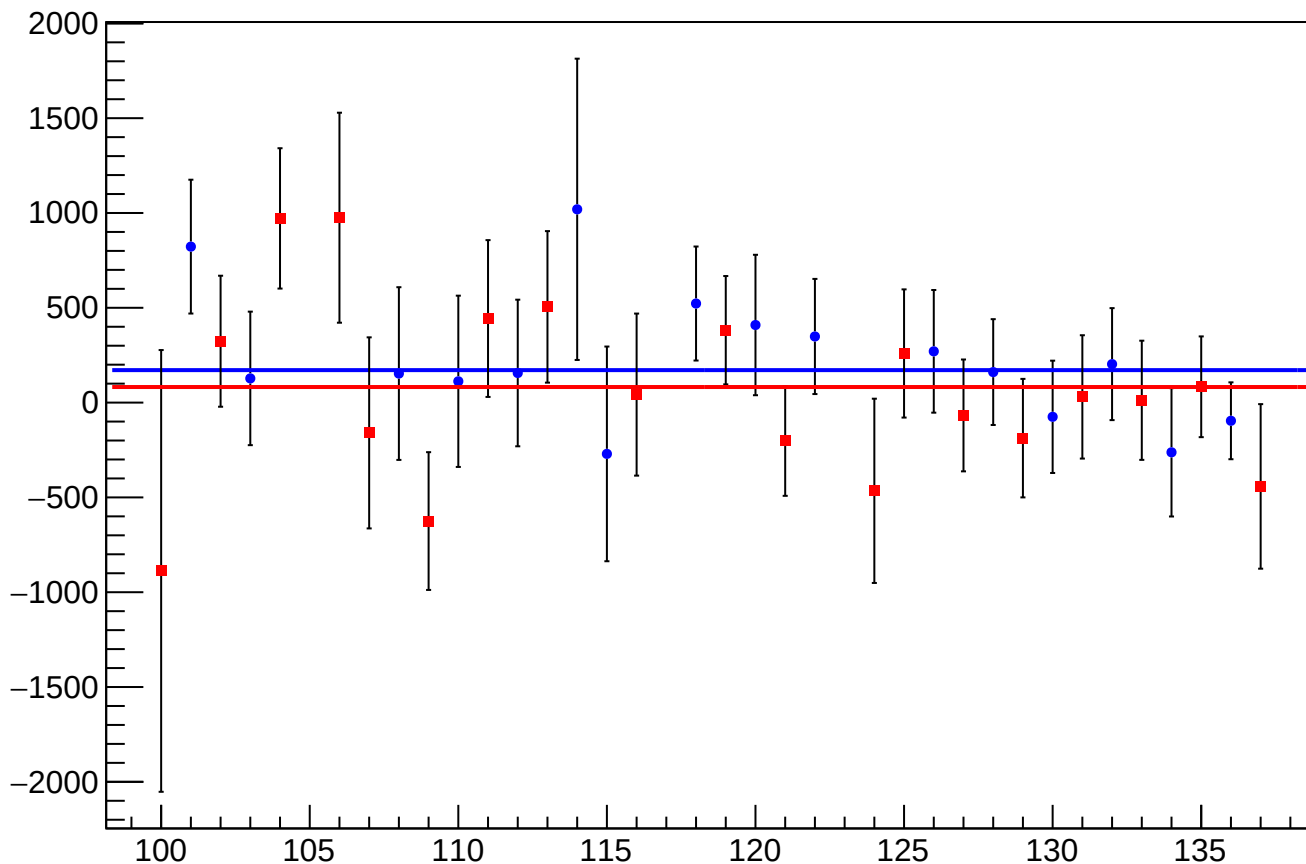
Right: 2305.630+/-0.440 χ^2/NDF : 1771614.3/34

In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.630+/-0.440 χ^2/NDF : 1771614.3/34

dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 171.258 $\pm$ 83.116 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.152 $\pm$ 82.545 χ^2 /NDF: 21.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

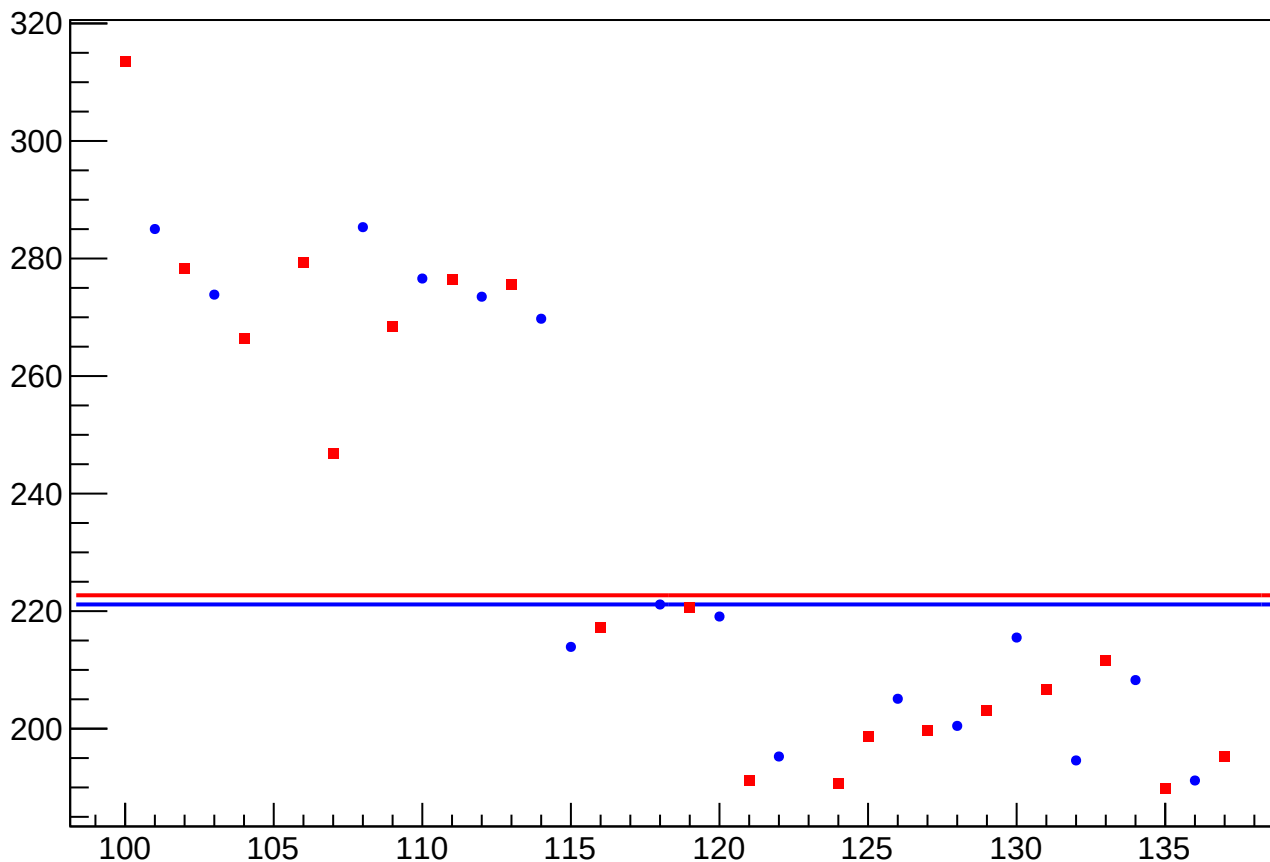
Right: 126.398 $\pm$ 58.569 χ^2 /NDF: 33.7/34

In: 171.258 $\pm$ 83.116 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.398 $\pm$ 58.569 χ^2 /NDF: 33.7/34

dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 221.139+/-0.059 χ^2/NDF : 318702.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.697+/-0.058 χ^2/NDF : 327032.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

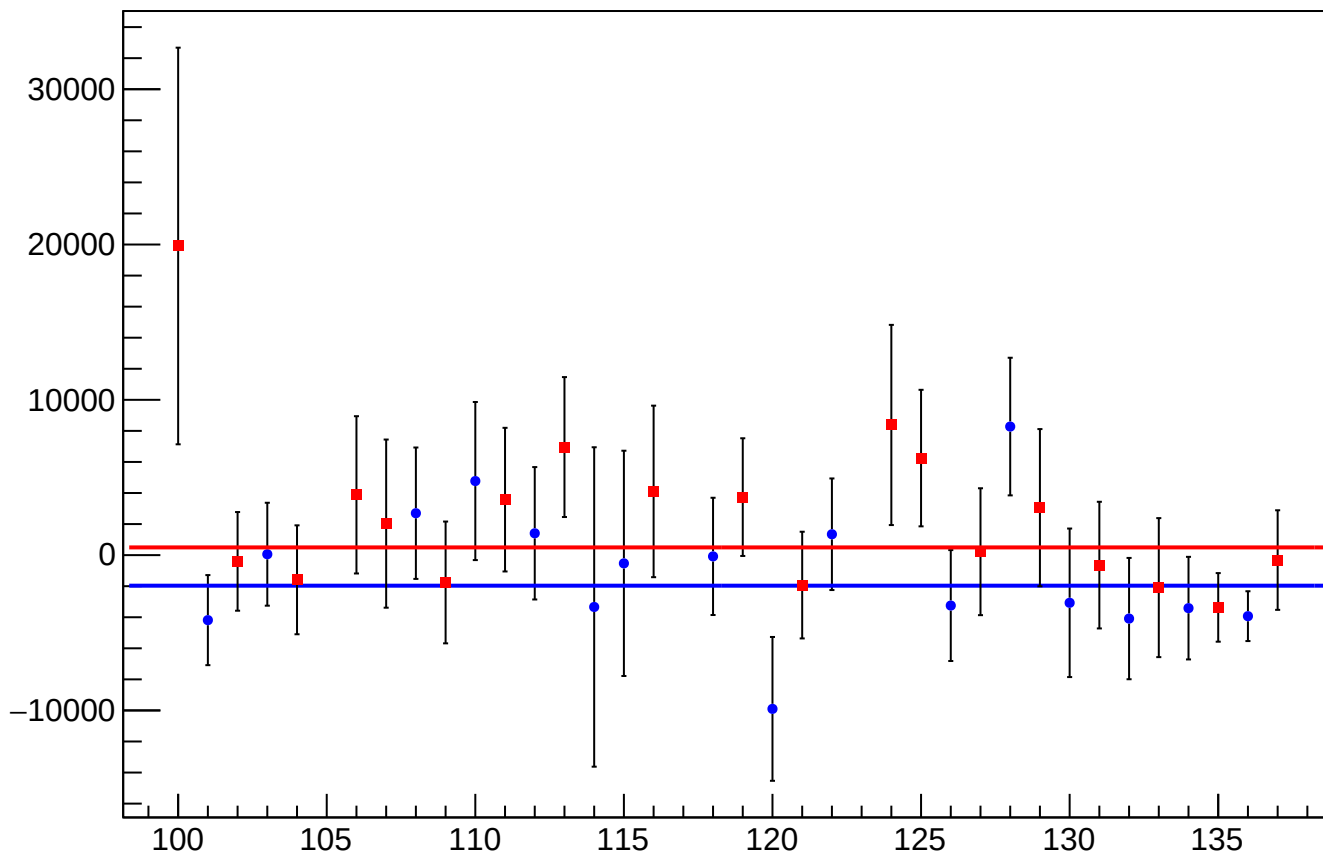
Right: 221.924+/-0.041 χ^2/NDF : 646088.3/34

In: 221.139+/-0.059 χ^2/NDF : 318702.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.924+/-0.041 χ^2/NDF : 646088.3/34

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1967.414 $\pm$ 876.610 χ^2 /NDF: 16.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 497.281 $\pm$ 914.759 χ^2 /NDF: 14.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

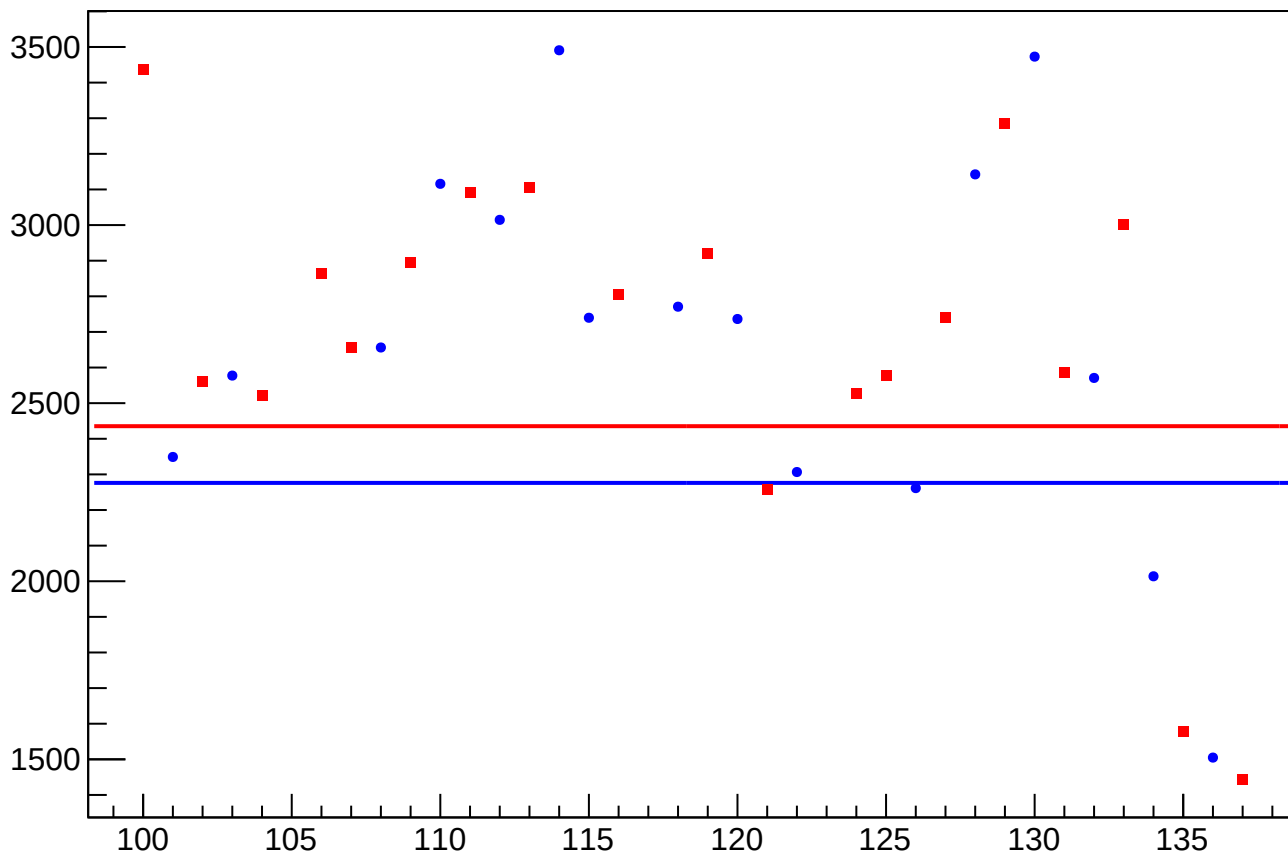
Right: -787.531 $\pm$ 632.914 χ^2 /NDF: 34.7/34

In: -1967.414 $\pm$ 876.610 χ^2 /NDF:16.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -787.531 $\pm$ 632.914 χ^2 /NDF: 34.7/34

asym_sam_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.134+/-0.620 χ^2/NDF : 926982.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2435.354+/-0.647 χ^2/NDF : 791515.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

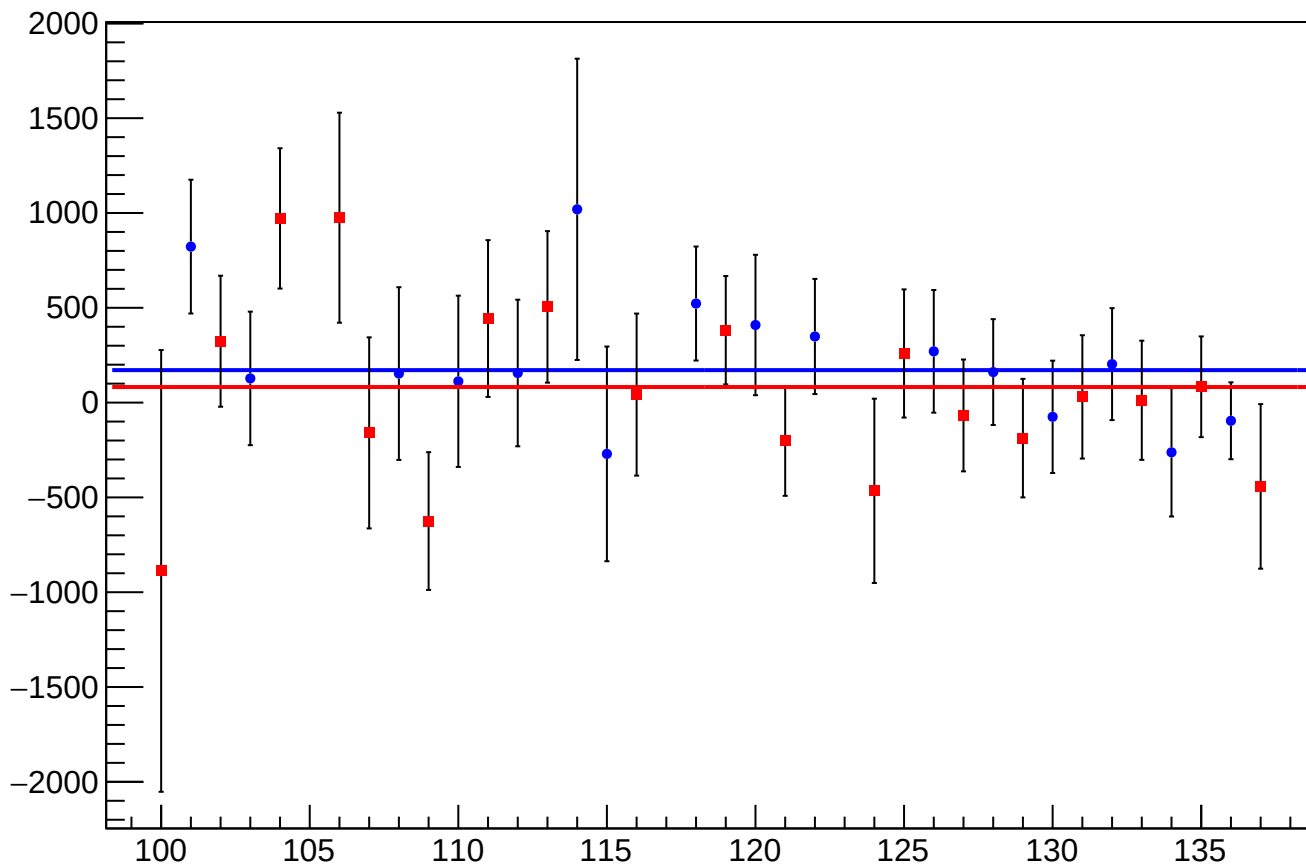
Right: 2352.355+/-0.448 χ^2/NDF : 1750083.9/34

In: 2276.134+/-0.620 χ^2/NDF : 926982.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.355+/-0.448 χ^2/NDF : 1750083.9/34

eigen_dit_asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 171.260 $\pm$ 83.115 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 82.150 $\pm$ 82.545 χ^2 /NDF: 21.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

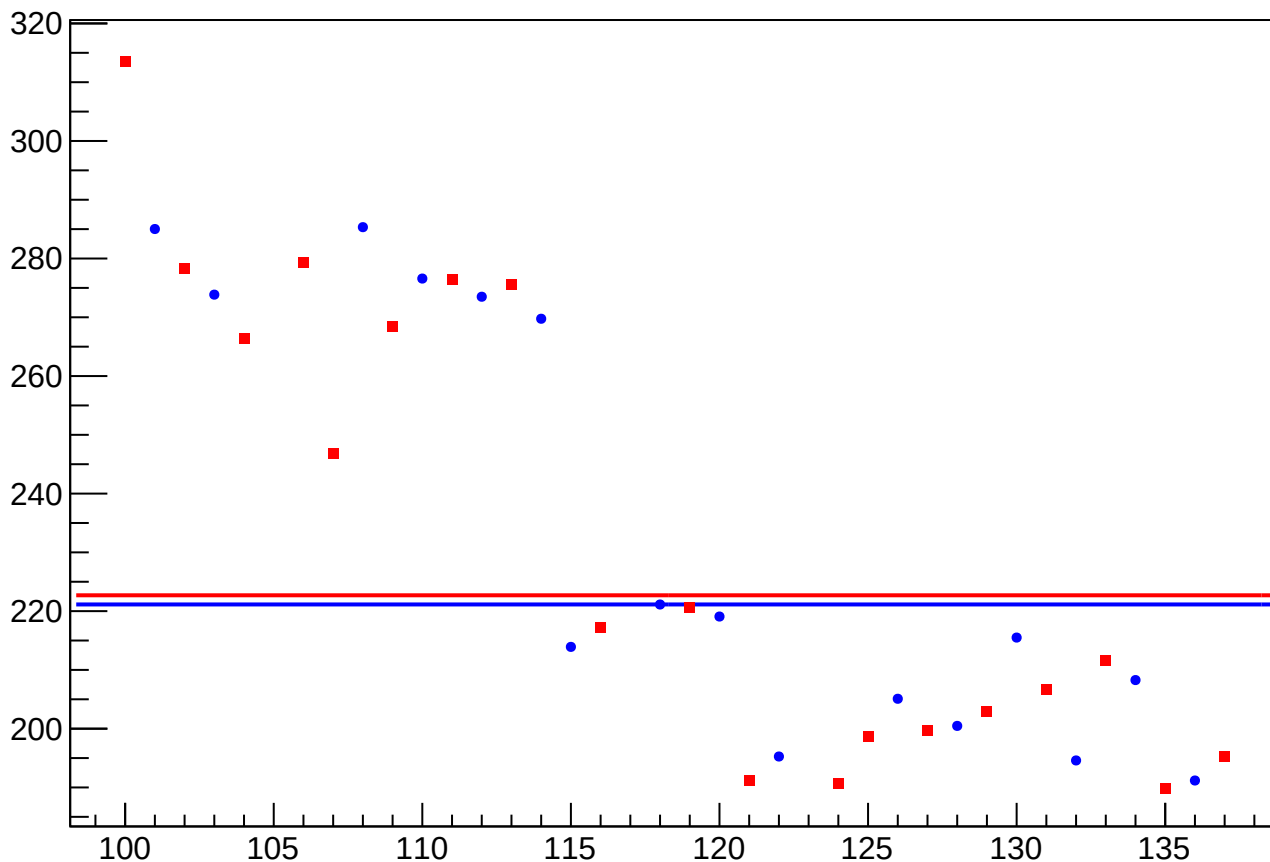
Right: 126.398 $\pm$ 58.569 χ^2 /NDF: 33.7/34

In: 171.260 $\pm$ 83.115 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 126.398 $\pm$ 58.569 χ^2 /NDF: 33.7/34

eigen_dit_asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 221.138+/-0.059 χ^2/NDF : 318696.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.696+/-0.058 χ^2/NDF : 327025.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

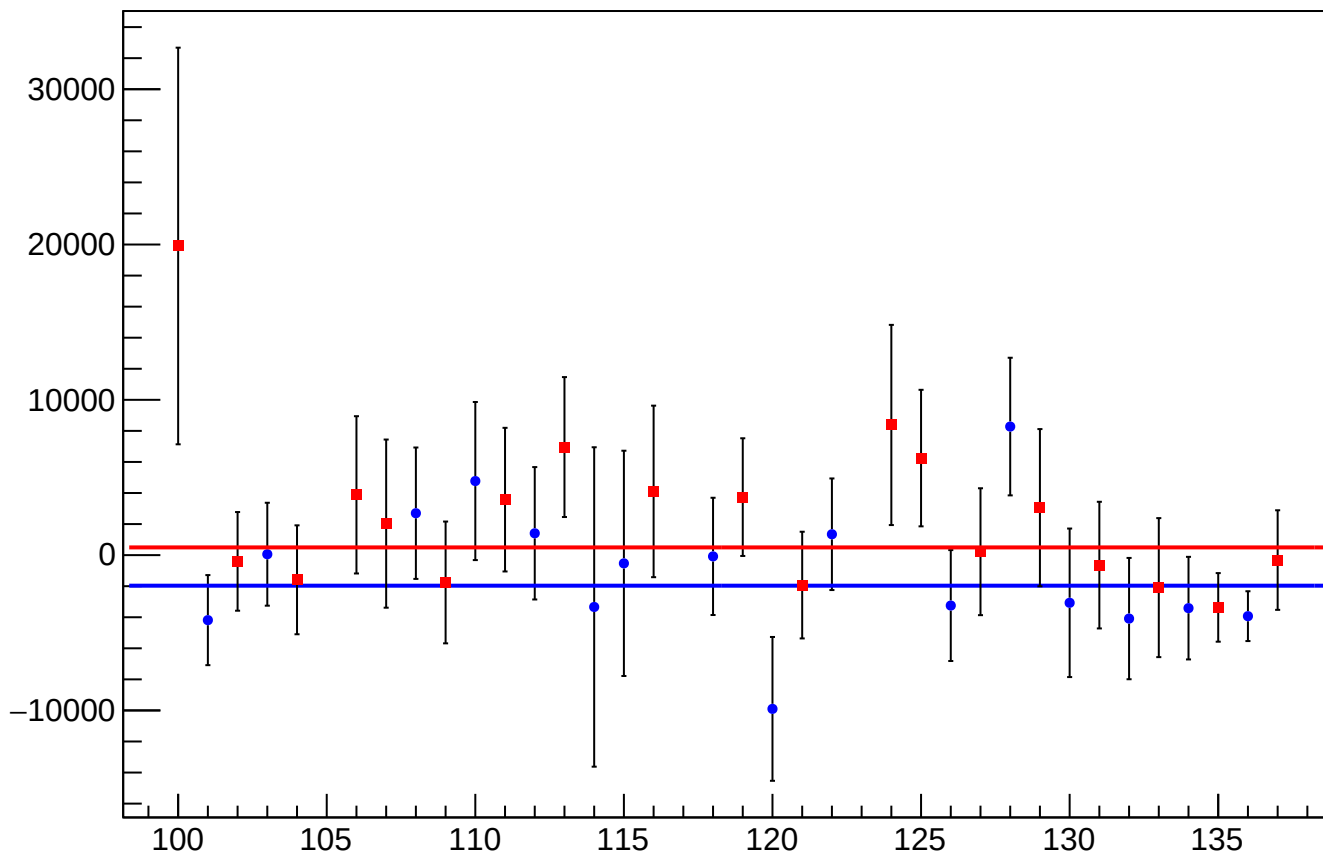
Right: 221.923+/-0.041 χ^2/NDF : 646076.2/34

In: 221.138+/-0.059 χ^2/NDF : 318696.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 221.923+/-0.041 χ^2/NDF : 646076.2/34

asym_sam_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1967.409+/-876.608 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.282+/-914.757 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

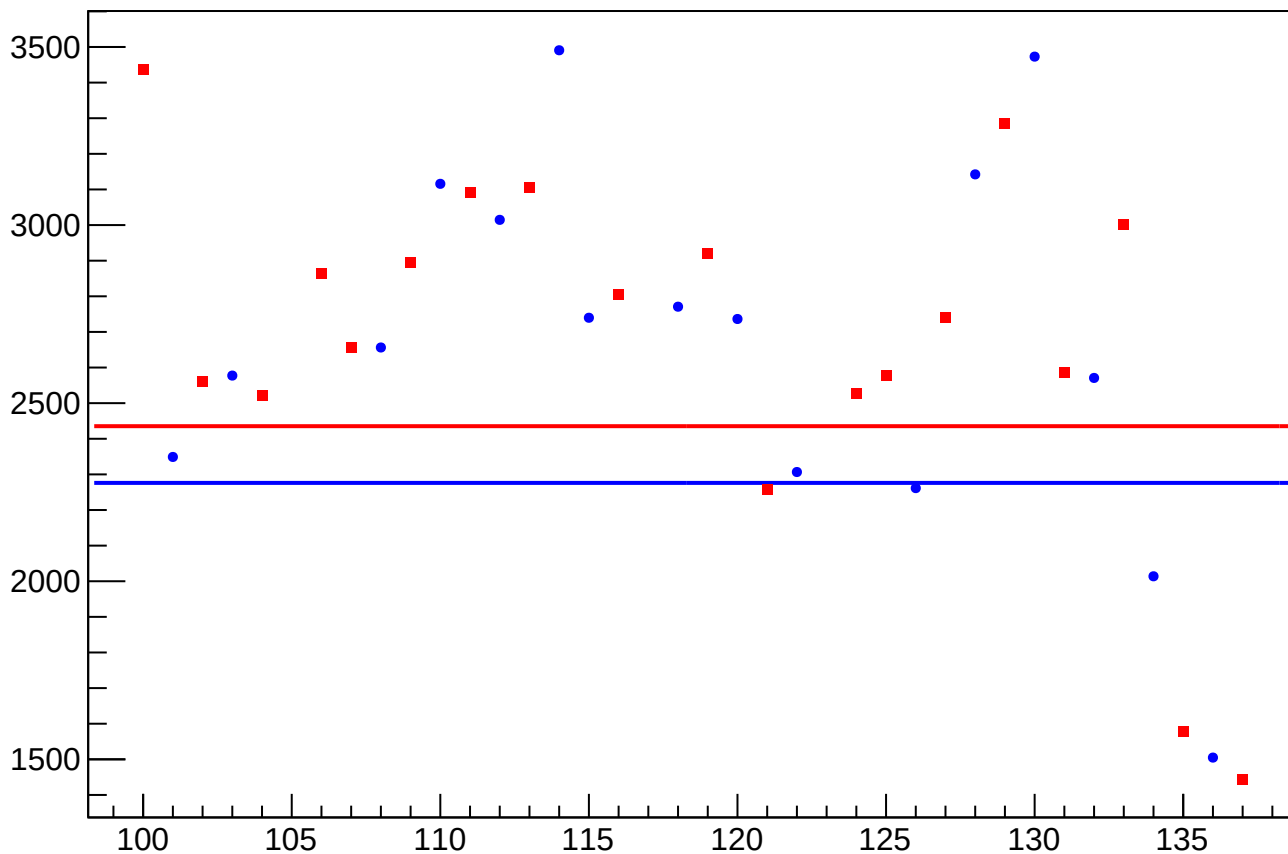
Right: -787.528+/-632.913 χ^2/NDF : 34.7/34

In: -1967.409+/-876.608 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -787.528+/-632.913 χ^2/NDF : 34.7/34

asym_sam_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 2276.132+/-0.620 χ^2/NDF : 926973.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2435.351+/-0.647 χ^2/NDF : 791509.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

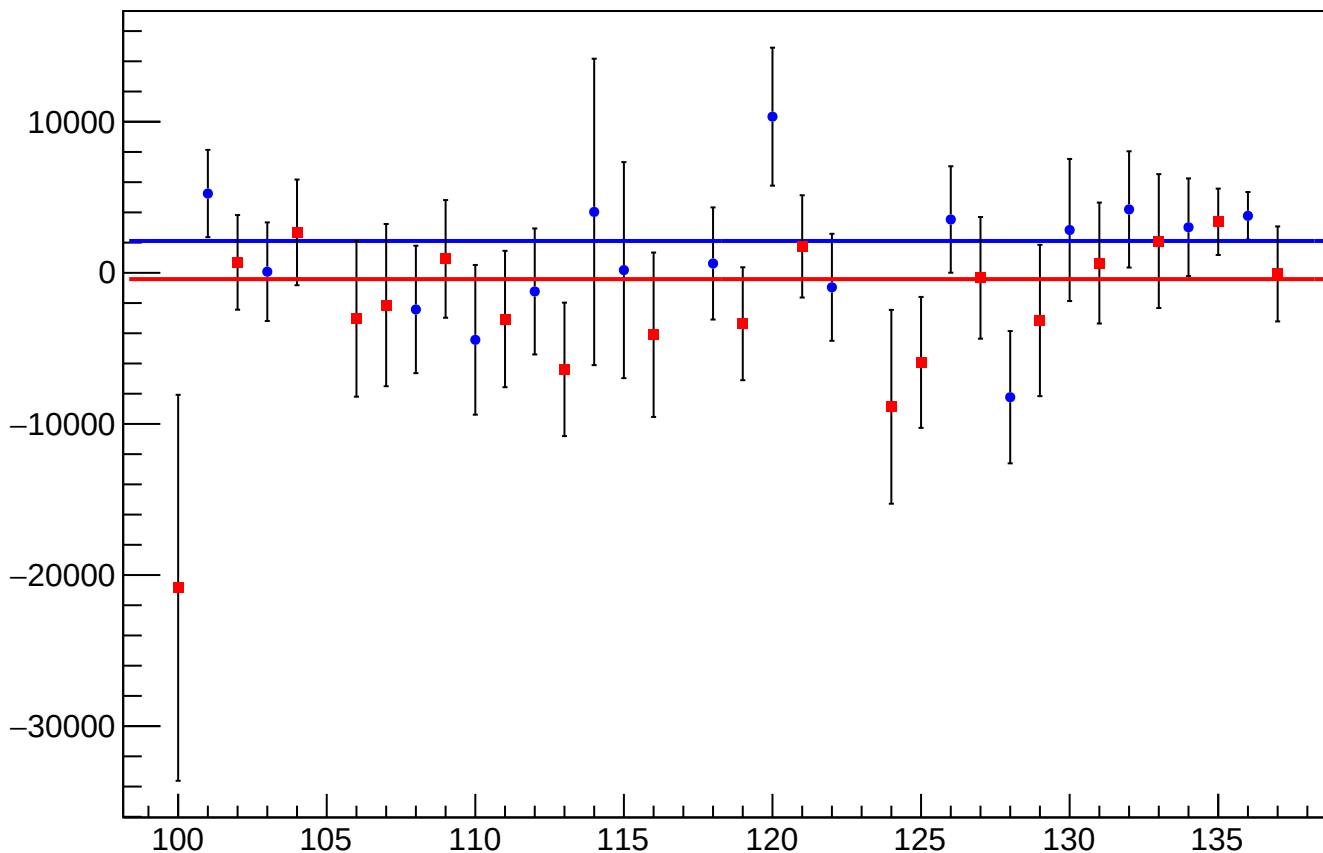
Right: 2352.352+/-0.448 χ^2/NDF : 1750068.0/34

In: 2276.132+/-0.620 χ^2/NDF : 926973.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2352.352+/-0.448 χ^2/NDF : 1750068.0/34

asym_sam_26_dd_mean vs Slug, Sign Corrected



Right In: 2109.537 $\pm$ 863.291 χ^2 /NDF: 16.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -414.095 $\pm$ 904.414 χ^2 /NDF: 14.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

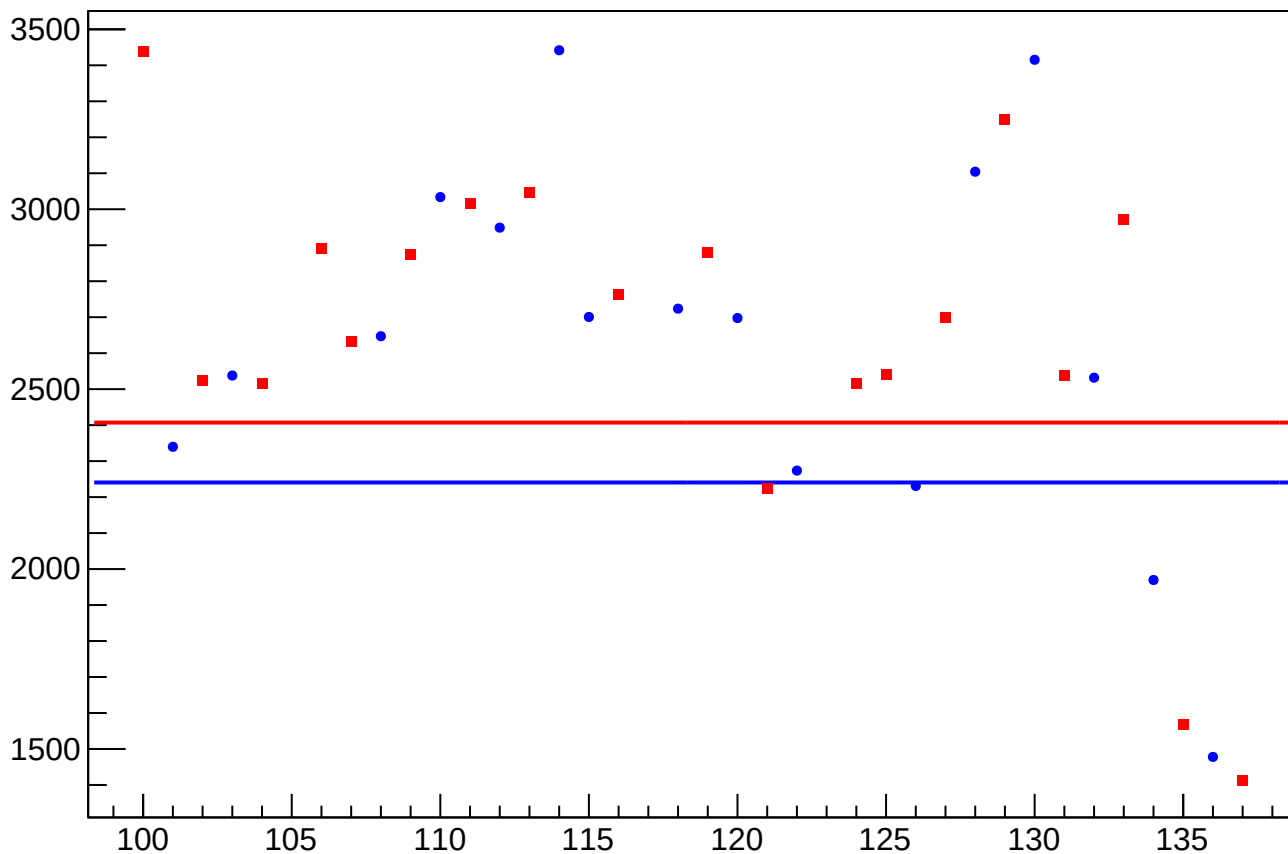
Right: 906.398 $\pm$ 624.471 χ^2 /NDF: 35.4/34

In: 2109.537 $\pm$ 863.291 χ^2 /NDF:16.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 906.398 $\pm$ 624.471 χ^2 /NDF: 35.4/34

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2240.626+/-0.610 χ^2/NDF : 933590.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2407.124+/-0.640 χ^2/NDF : 788976.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

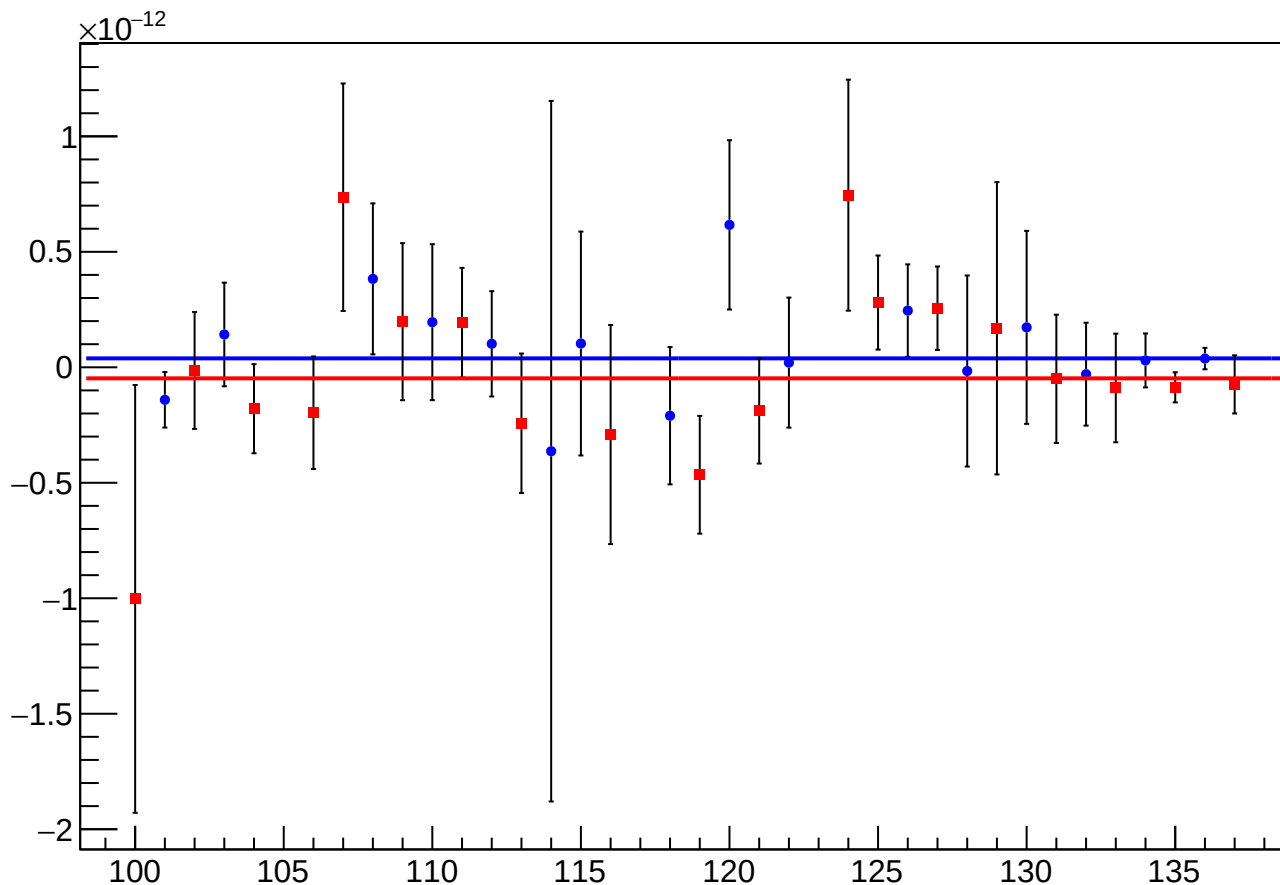
Right: 2320.004+/-0.442 χ^2/NDF : 1758033.9/34

In: 2240.626+/-0.610 χ^2/NDF : 933590.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2320.004+/-0.442 χ^2/NDF : 1758033.9/34

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 8.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

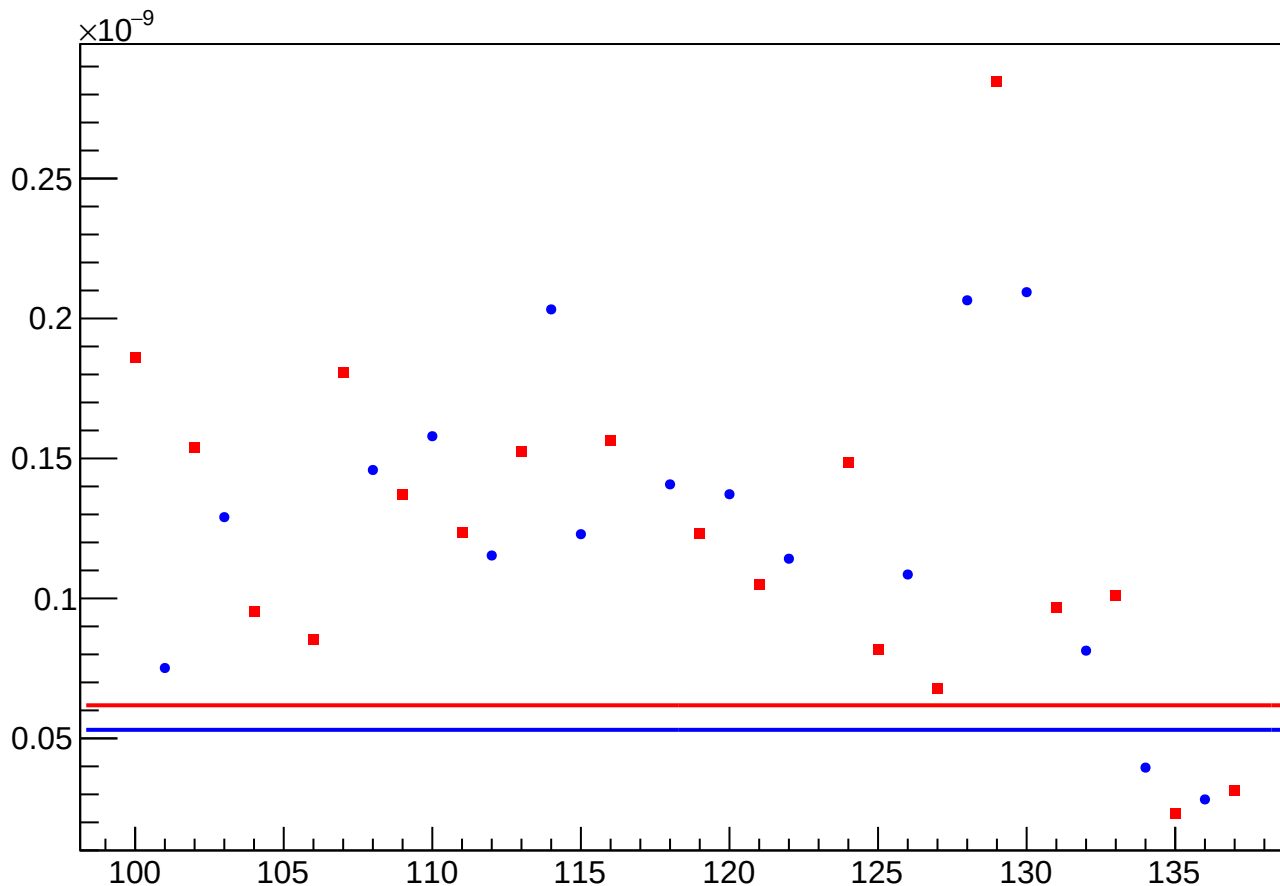
Right: 0.000+/-0.000 χ^2/NDF : 29.0/34

In: 0.000+/-0.000 χ^2/NDF : 8.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.0/34

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2576481.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2416437.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

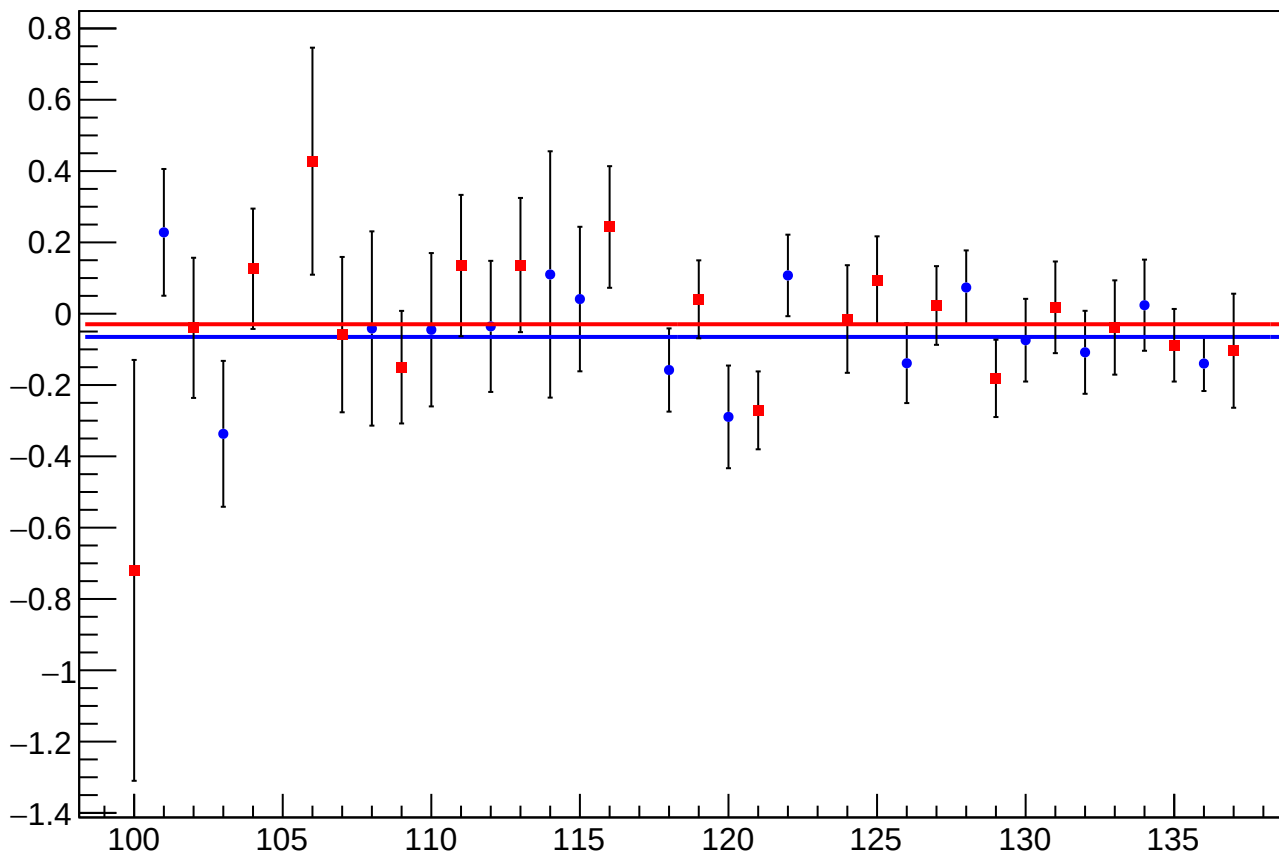
Right: 0.000+/-0.000 χ^2/NDF : 5040906.1/34

In: 0.000+/-0.000 χ^2/NDF : 2576481.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5040906.1/34

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.033 χ^2/NDF : 18.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

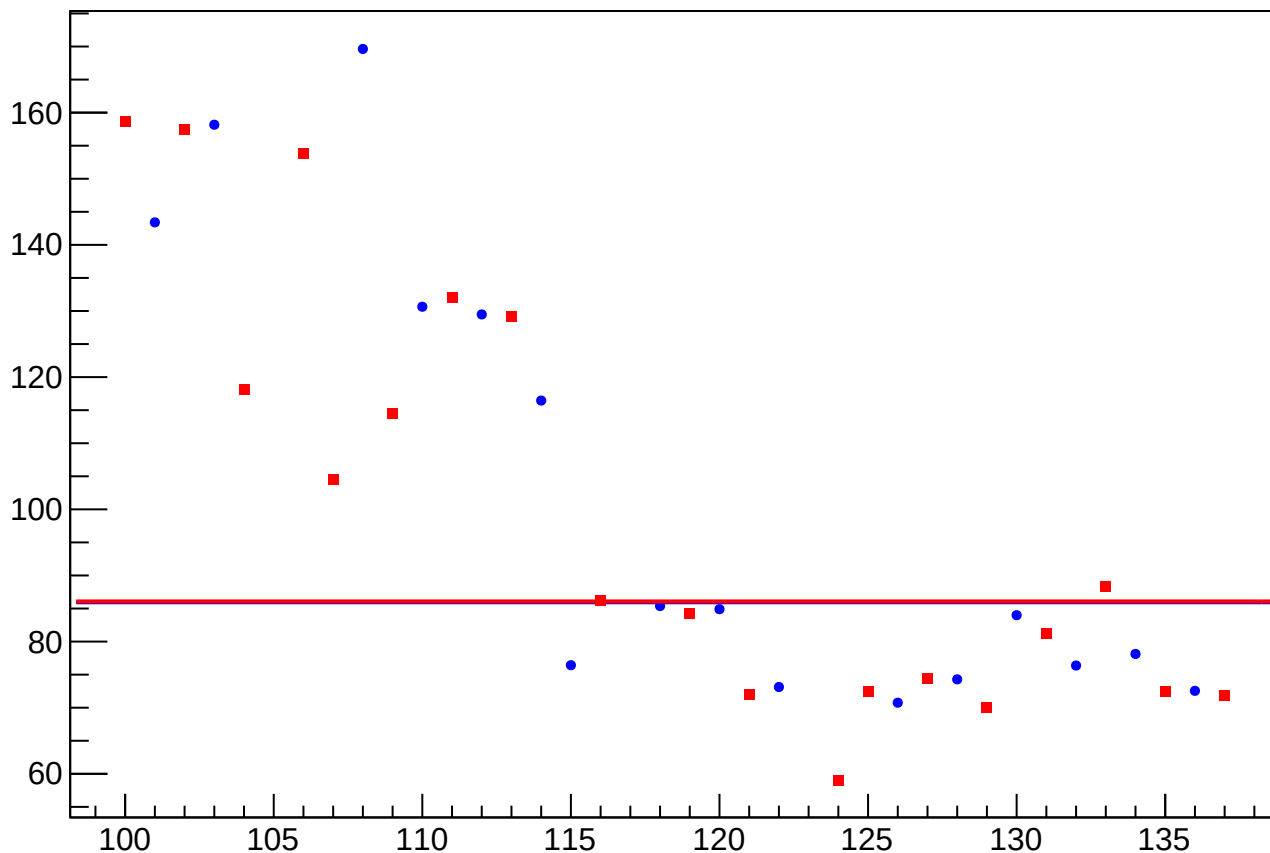
Right: -0.047 ± 0.023 χ^2/NDF : 32.8/34

In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.047 ± 0.023 χ^2/NDF : 32.8/34

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.946 $\pm$ 0.024 χ^2 /NDF: 1035004.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.073 $\pm$ 0.023 χ^2 /NDF: 991371.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

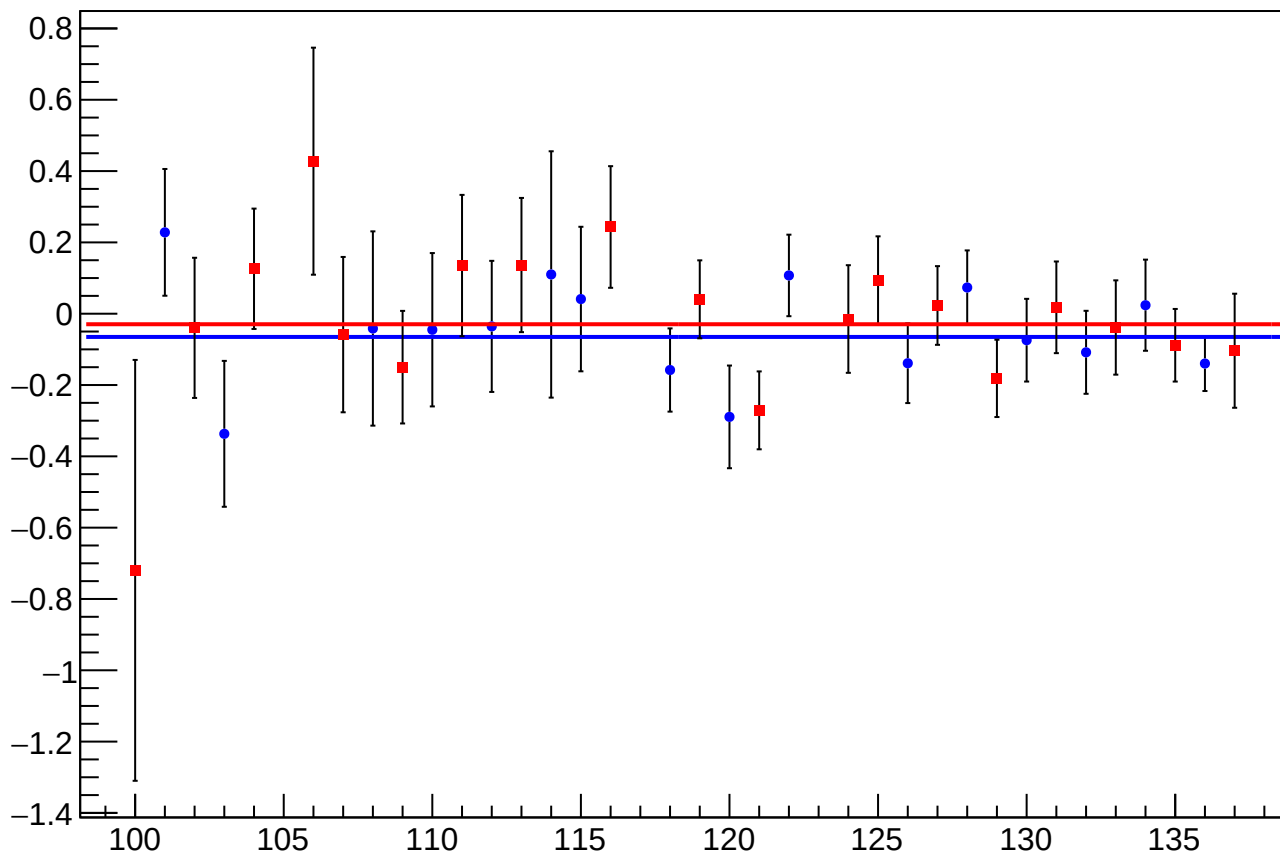
Right: 86.010 $\pm$ 0.017 χ^2 /NDF: 2026390.6/34

In: 85.946 $\pm$ 0.024 χ^2 /NDF:1035004.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.010 $\pm$ 0.017 χ^2 /NDF: 2026390.6/34

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.033 χ^2/NDF : 18.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

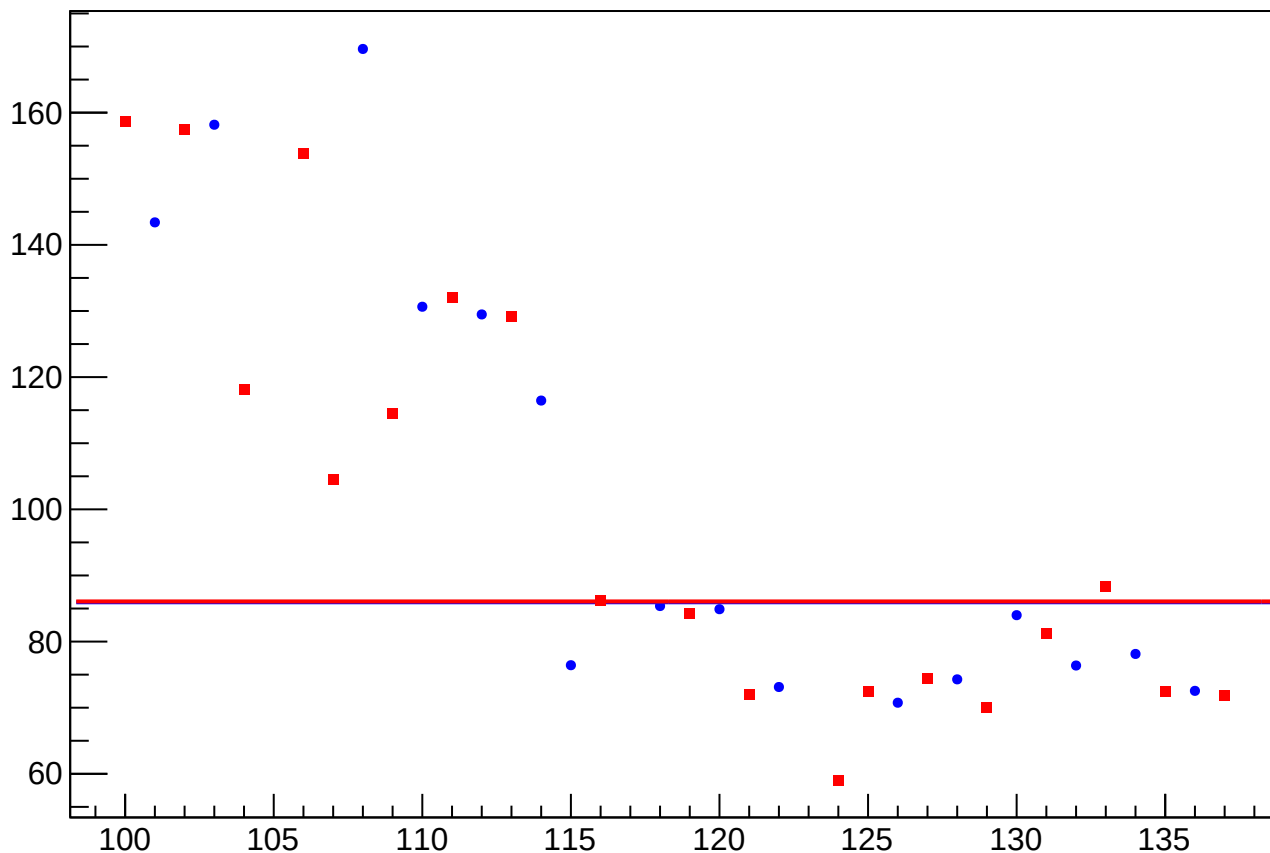
Right: -0.047 ± 0.023 χ^2/NDF : 32.8/34

In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.047 ± 0.023 χ^2/NDF : 32.8/34

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.946 $\pm$ 0.024 χ^2 /NDF: 1035004.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.073 $\pm$ 0.023 χ^2 /NDF: 991371.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

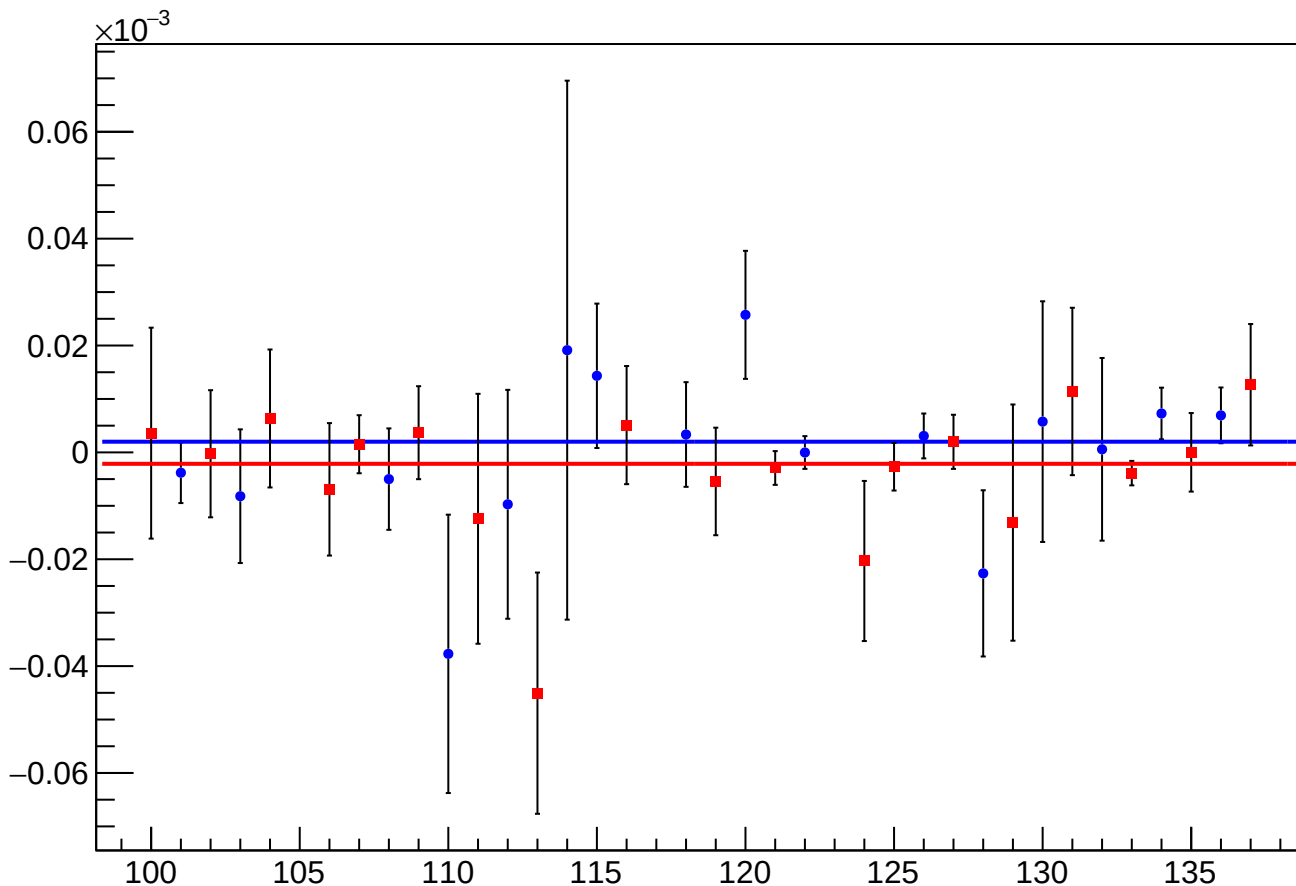
Right: 86.010 $\pm$ 0.017 χ^2 /NDF: 2026390.6/34

In: 85.946 $\pm$ 0.024 χ^2 /NDF:1035004.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.010 $\pm$ 0.017 χ^2 /NDF: 2026390.6/34

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

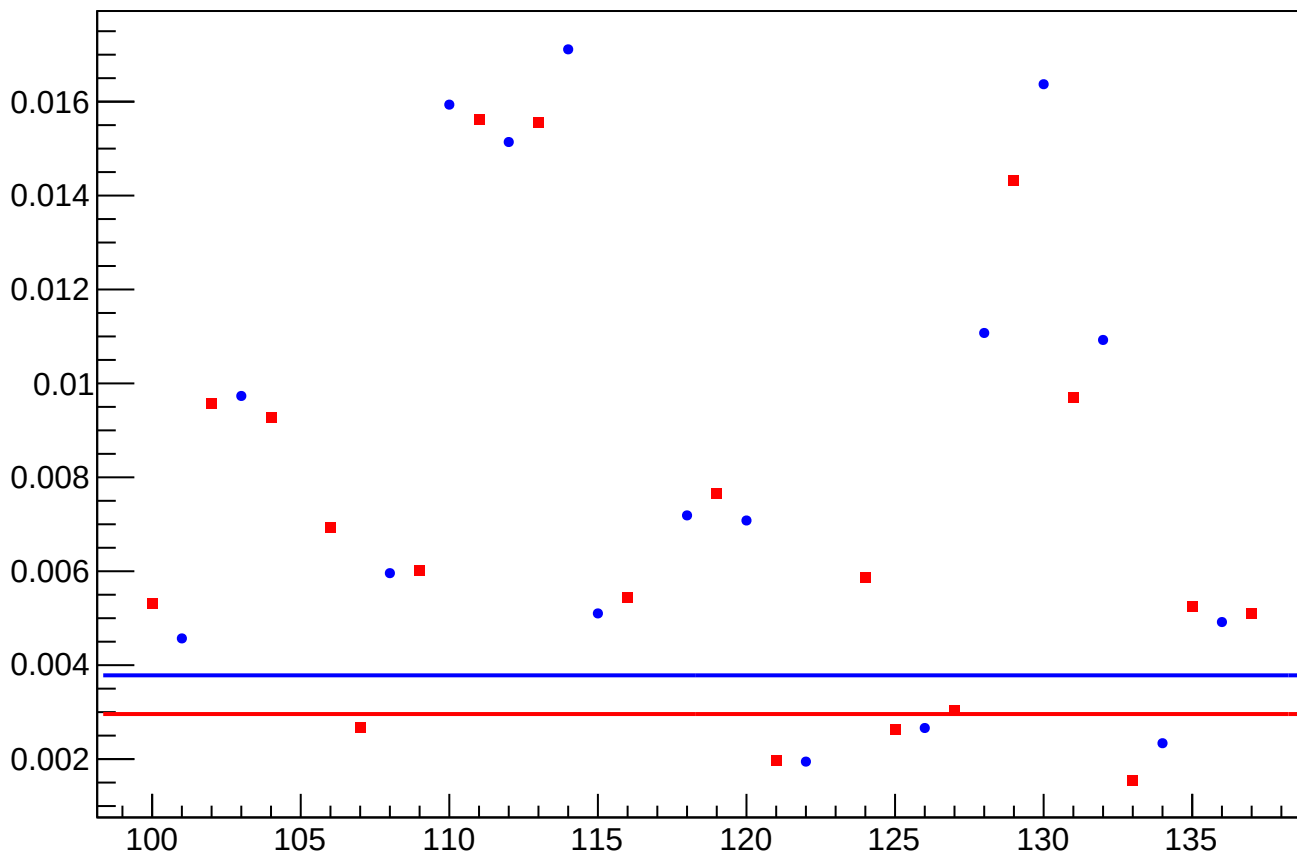
Right: -0.000+/-0.000 χ^2/NDF : 29.8/34

In: 0.000+/-0.000 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/34

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.004+/-0.000

χ^2/NDF : 4694299.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 5548113.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 10513157.6/34

In: 0.004+/-0.000

χ^2/NDF : 4694299.9/15

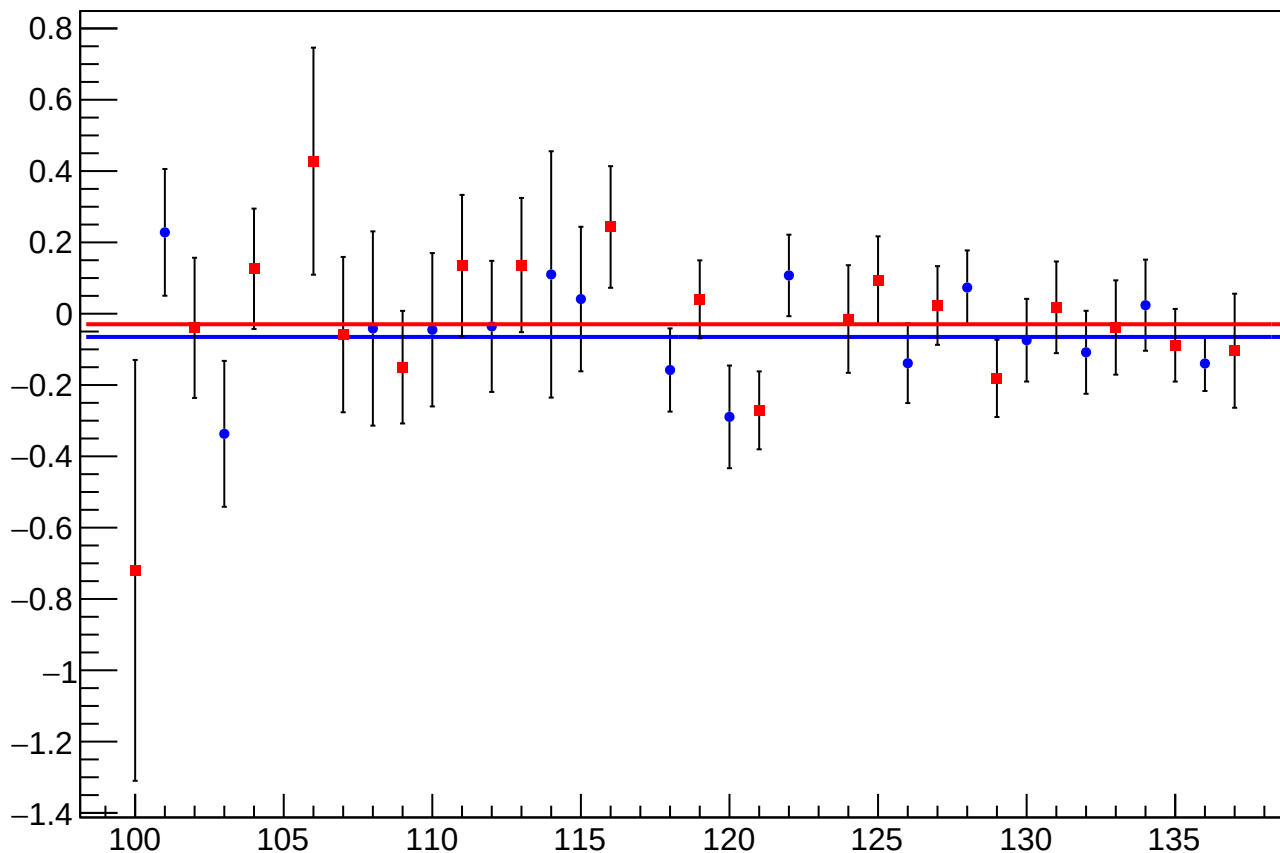
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 10513157.6/34

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.030 ± 0.033 χ^2/NDF : 18.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

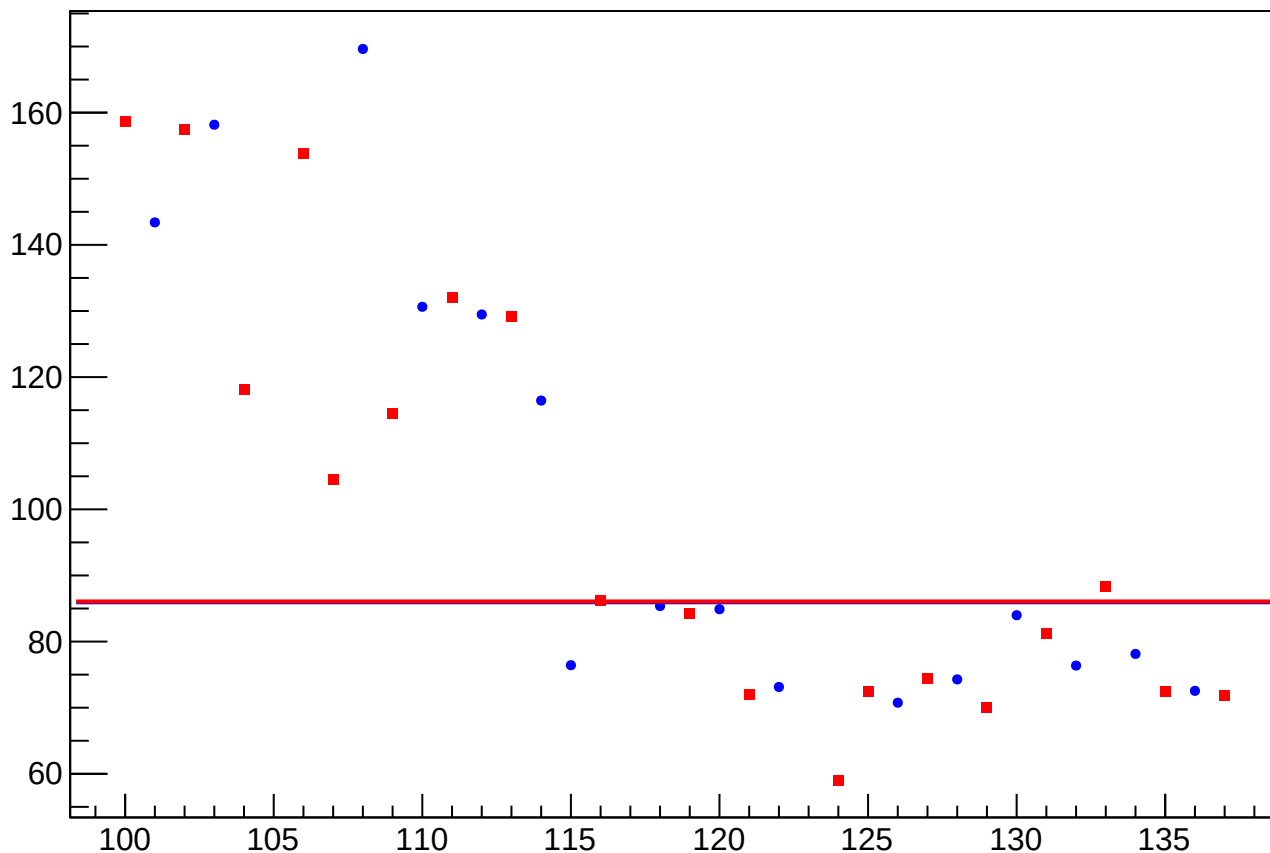
Right: -0.047 ± 0.023 χ^2/NDF : 32.8/34

In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.047 ± 0.023 χ^2/NDF : 32.8/34

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.943 $\pm$ 0.024 χ^2 /NDF: 1034986.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.070 $\pm$ 0.023 χ^2 /NDF: 991365.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

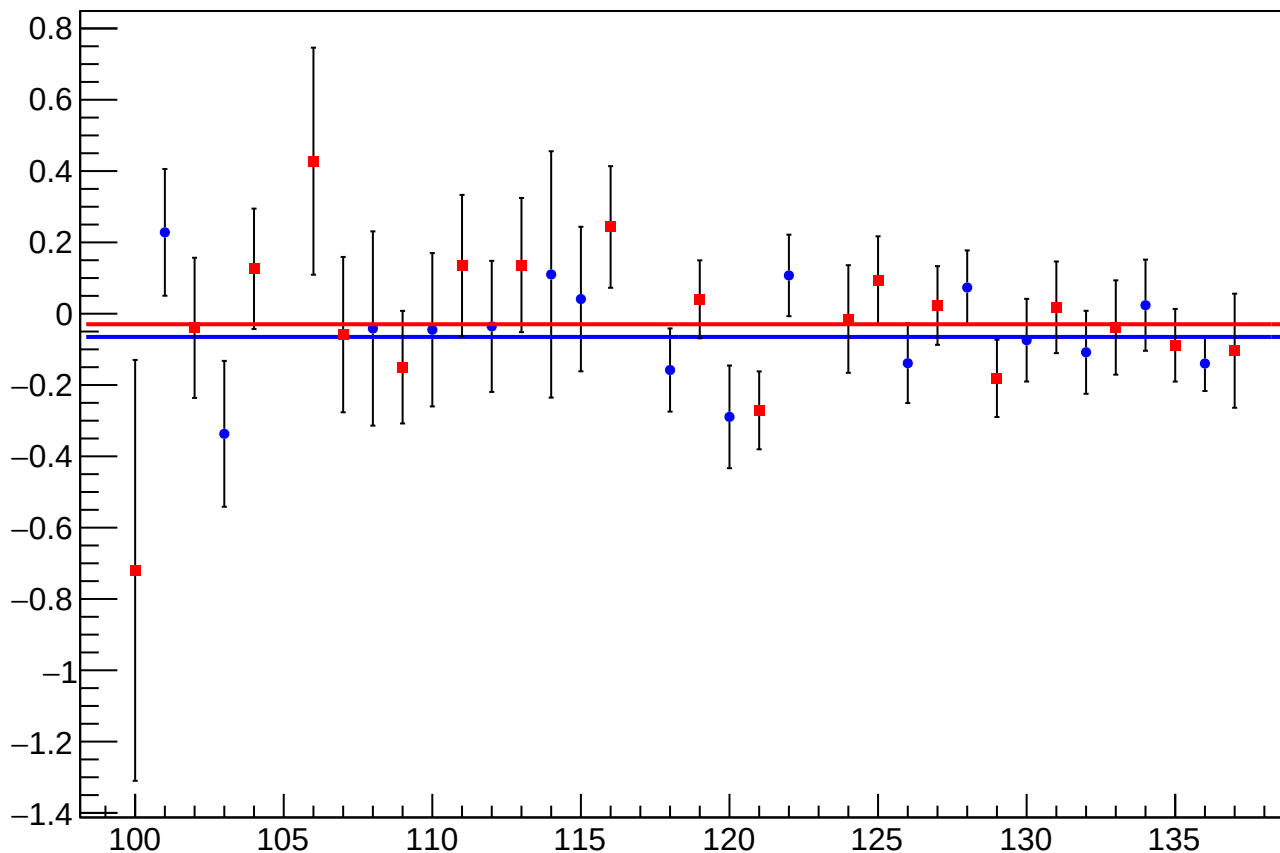
Right: 86.007 $\pm$ 0.017 χ^2 /NDF: 2026366.7/34

In: 85.943 $\pm$ 0.024 χ^2 /NDF:1034986.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.007 $\pm$ 0.017 χ^2 /NDF: 2026366.7/34

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.065+/-0.033 χ^2 /NDF: 14.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.030+/-0.033 χ^2 /NDF: 18.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

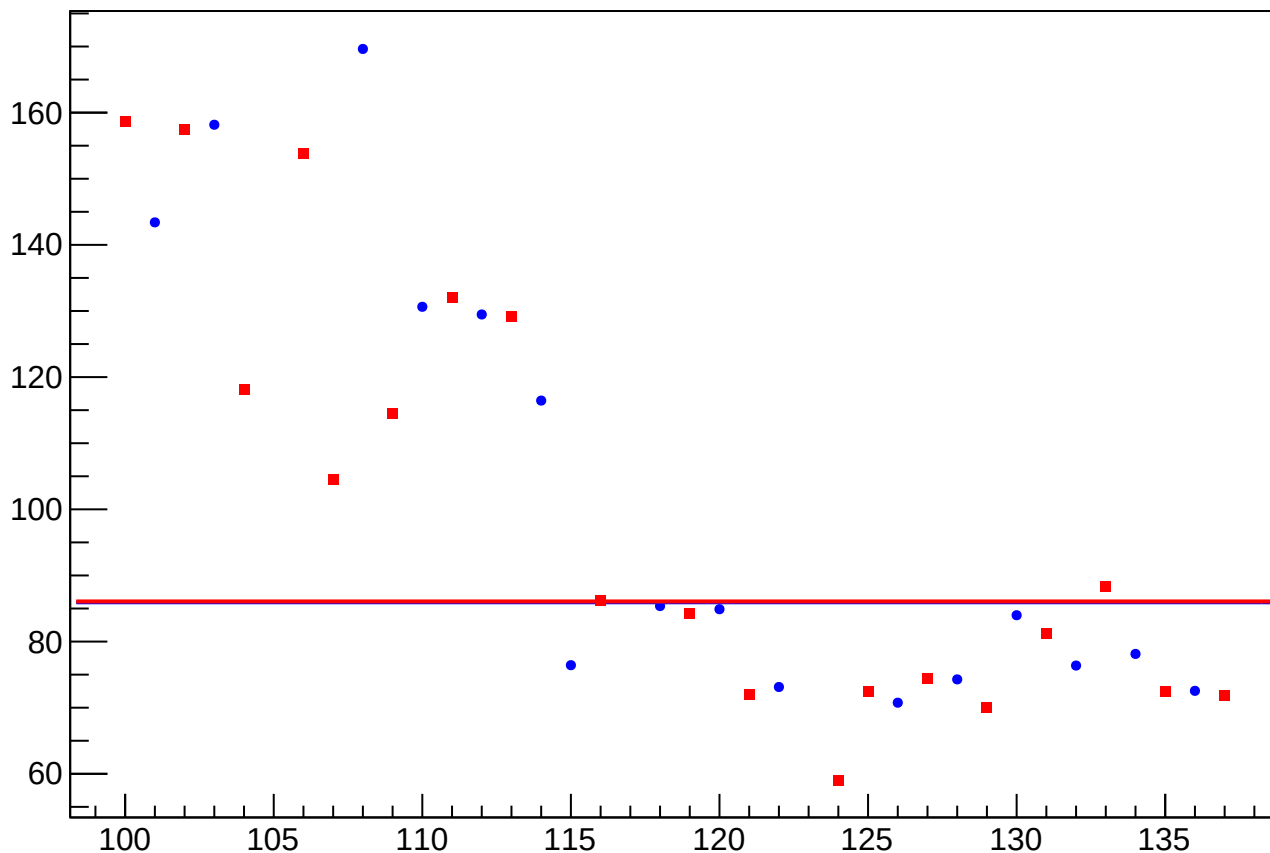
Right: -0.047+/-0.023 χ^2 /NDF: 32.8/34

In: -0.065+/-0.033 χ^2 /NDF:14.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.047+/-0.023 χ^2 /NDF: 32.8/34

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.943 $\pm$ 0.024 χ^2 /NDF: 1034986.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 86.070 $\pm$ 0.023 χ^2 /NDF: 991365.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

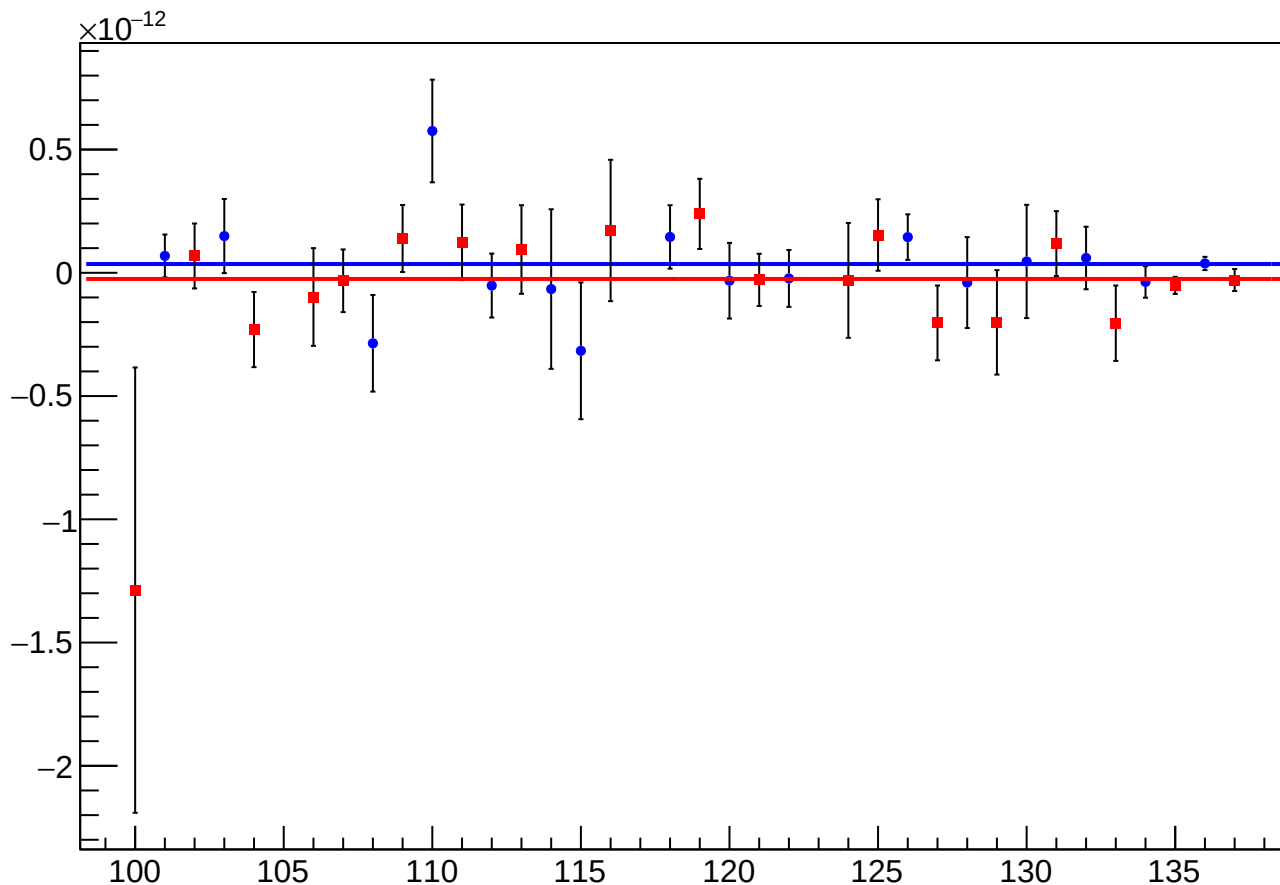
Right: 86.007 $\pm$ 0.017 χ^2 /NDF: 2026366.7/34

In: 85.943 $\pm$ 0.024 χ^2 /NDF:1034986.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.007 $\pm$ 0.017 χ^2 /NDF: 2026366.7/34

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

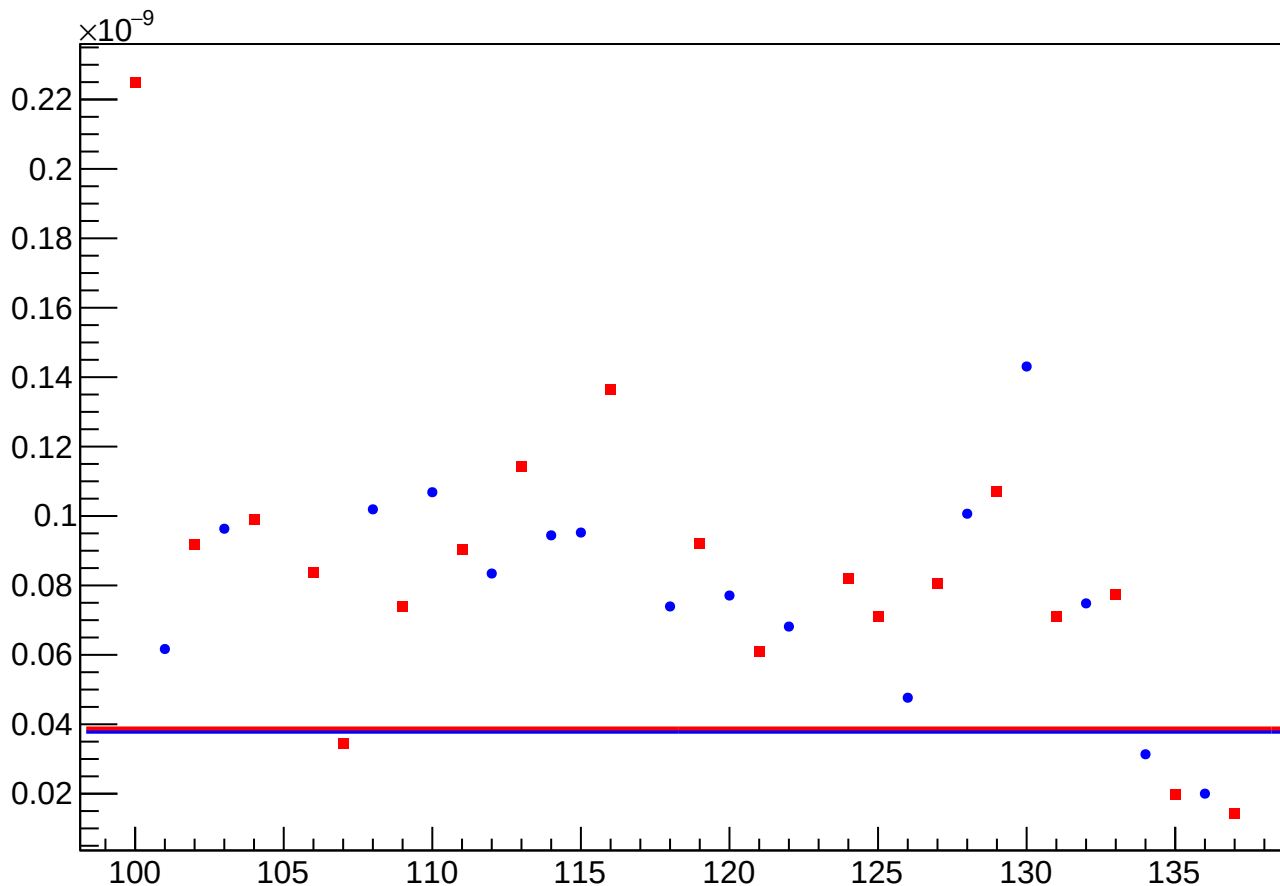
Right: 0.000+/-0.000 χ^2/NDF : 38.2/34

In: 0.000+/-0.000 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.2/34

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3456922.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4121603.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

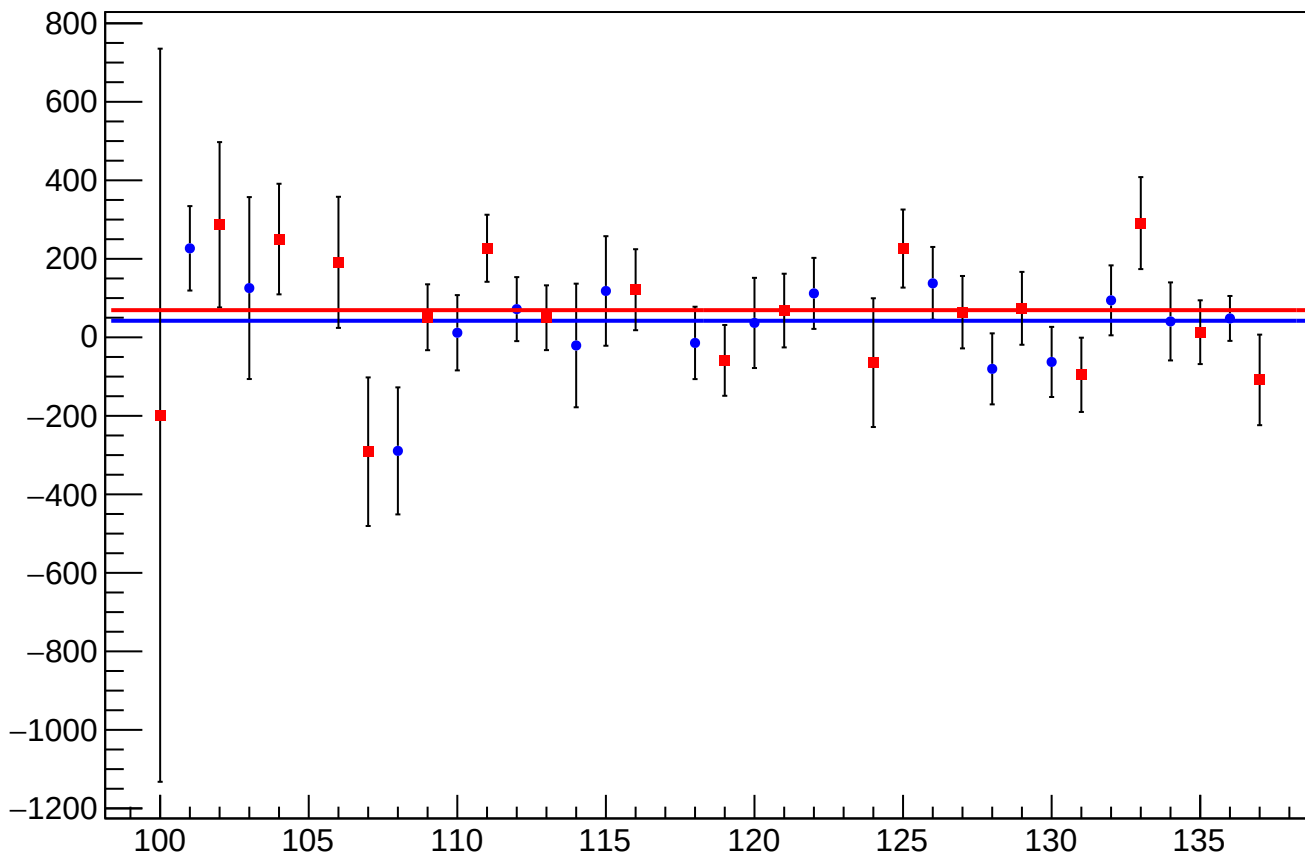
Right: 0.000+/-0.000 χ^2/NDF : 7580417.6/34

In: 0.000+/-0.000 χ^2/NDF : 3456922.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7580417.6/34

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.220 $\pm$ 24.207 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.249 $\pm$ 24.418 χ^2 /NDF: 25.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

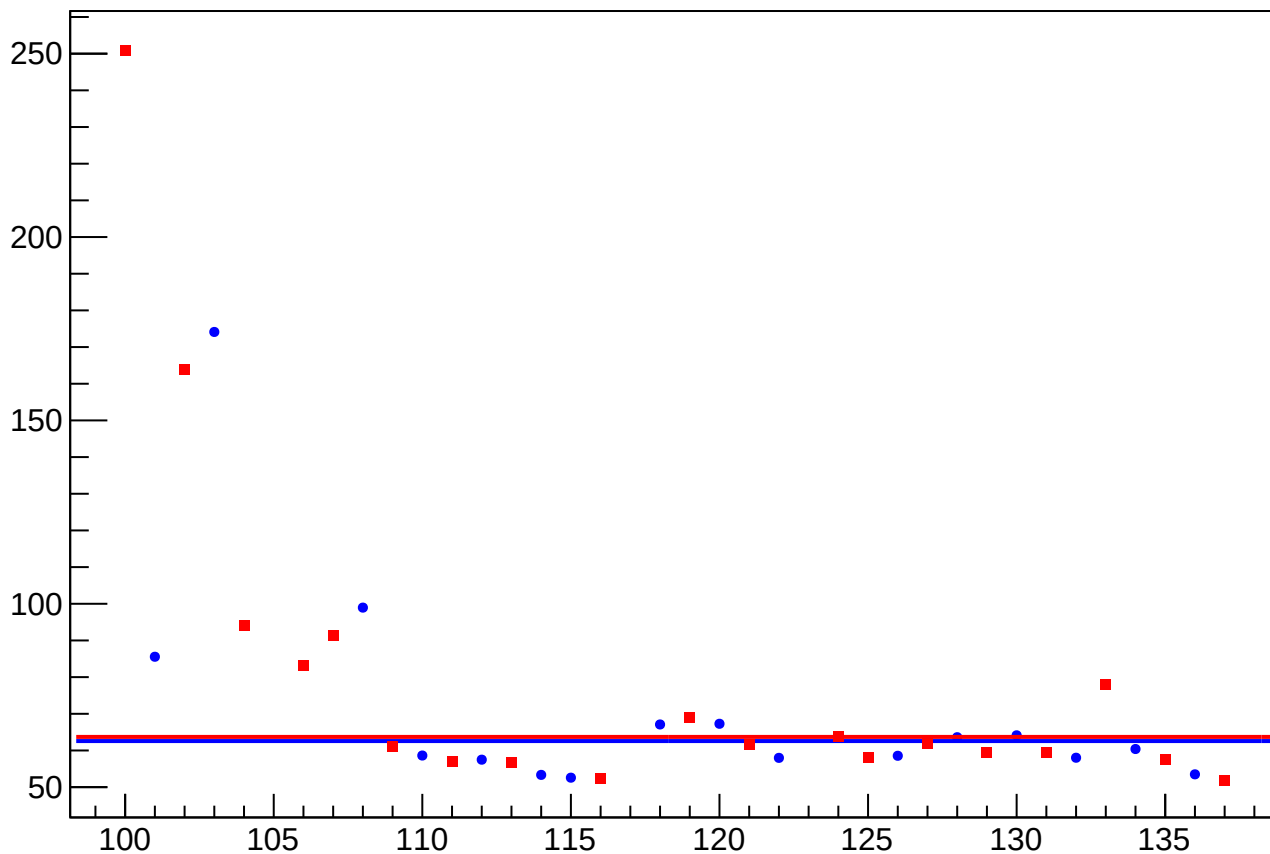
Right: 55.617 $\pm$ 17.191 χ^2 /NDF: 39.5/34

In: 42.220 $\pm$ 24.207 χ^2 /NDF:13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.617 $\pm$ 17.191 χ^2 /NDF: 39.5/34

reg_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.566+/-0.017 χ^2/NDF : 758603.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.699+/-0.017 χ^2/NDF : 834180.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

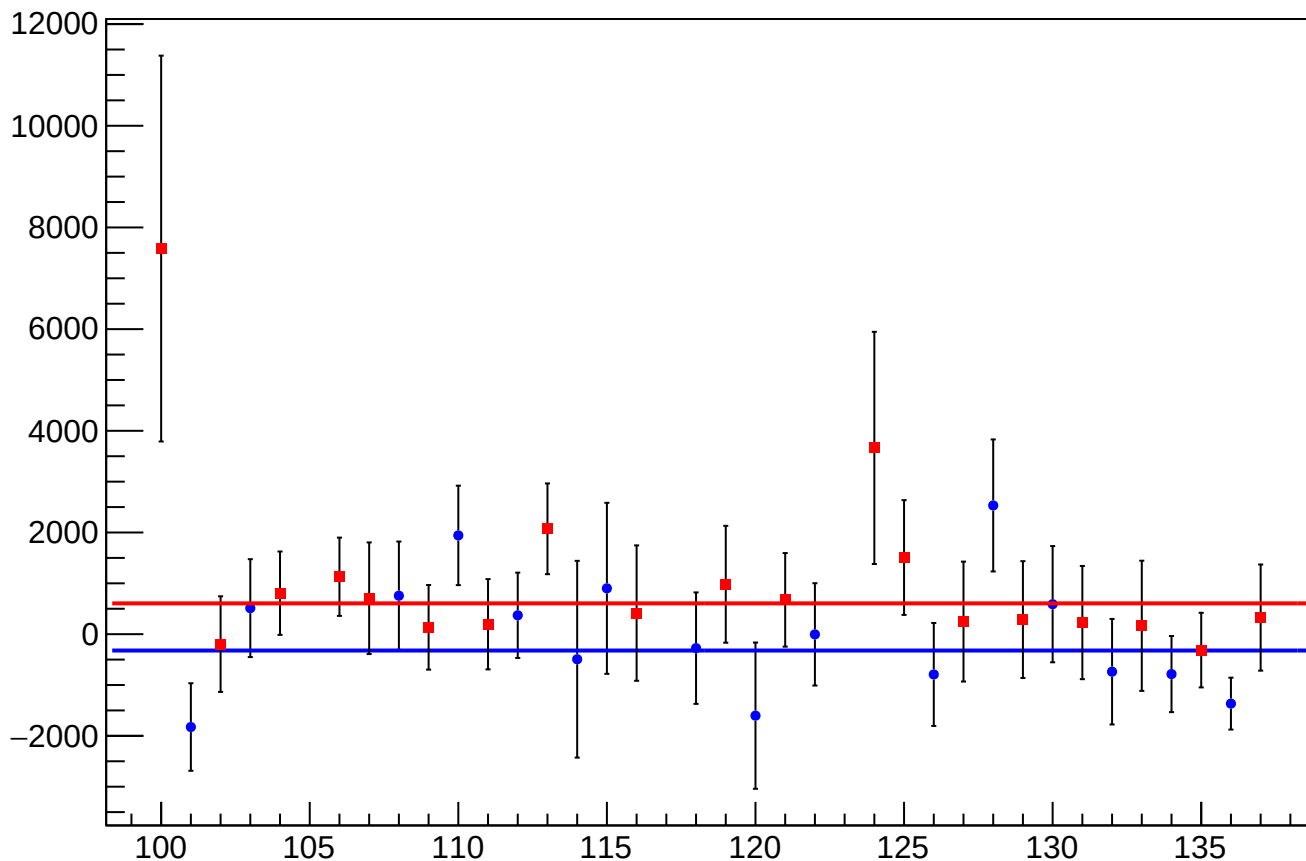
Right: 63.127+/-0.012 χ^2/NDF : 1594958.1/34

In: 62.566+/-0.017 χ^2/NDF : 758603.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.127+/-0.012 χ^2/NDF : 1594958.1/34

asym_sam_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -321.663 $\pm$ 238.482 χ^2 /NDF: 22.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.859 $\pm$ 233.643 χ^2 /NDF: 12.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

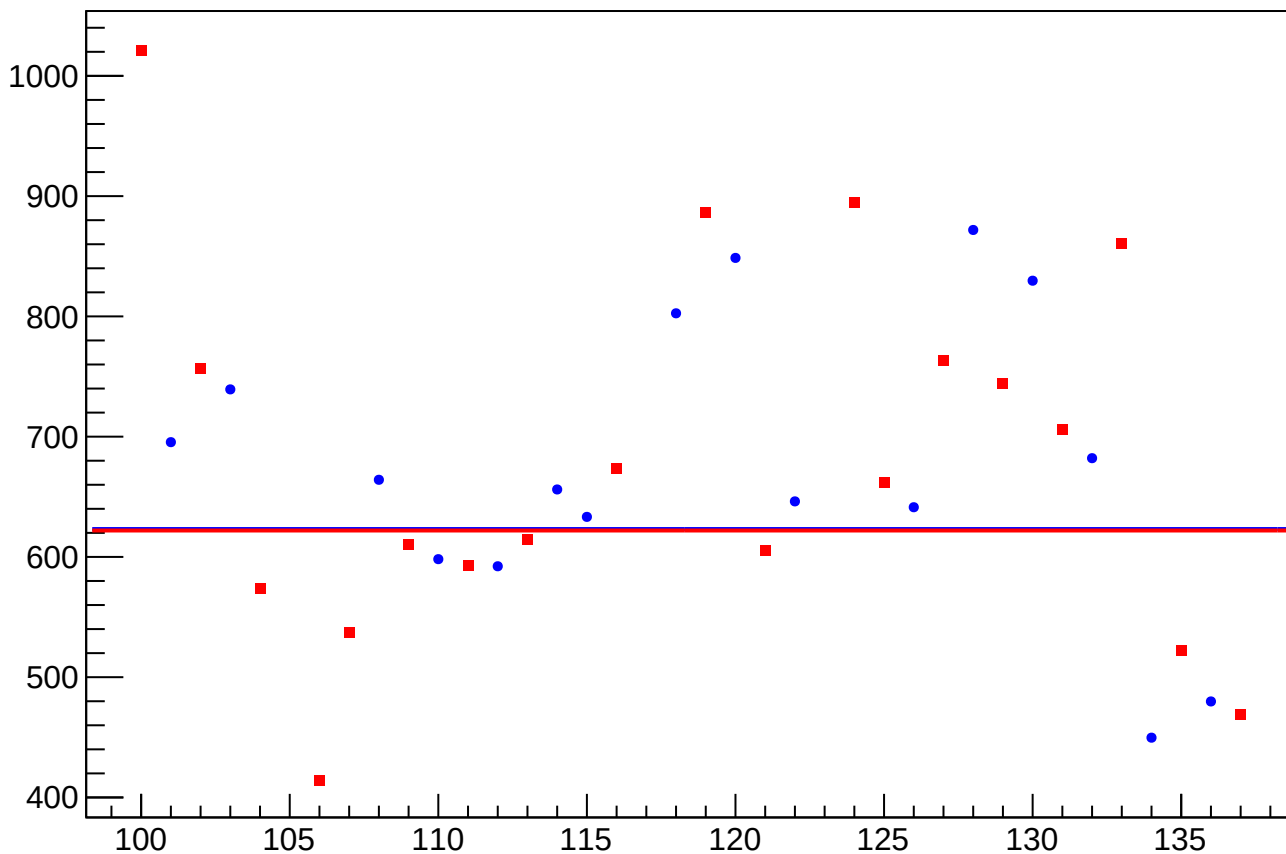
Right: 151.604 $\pm$ 166.895 χ^2 /NDF: 42.9/34

In: -321.663 $\pm$ 238.482 χ^2 /NDF:22.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.604 $\pm$ 166.895 χ^2 /NDF: 42.9/34

asym_sam_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 623.181+/-0.169 χ^2/NDF : 565524.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 621.975+/-0.165 χ^2/NDF : 582591.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

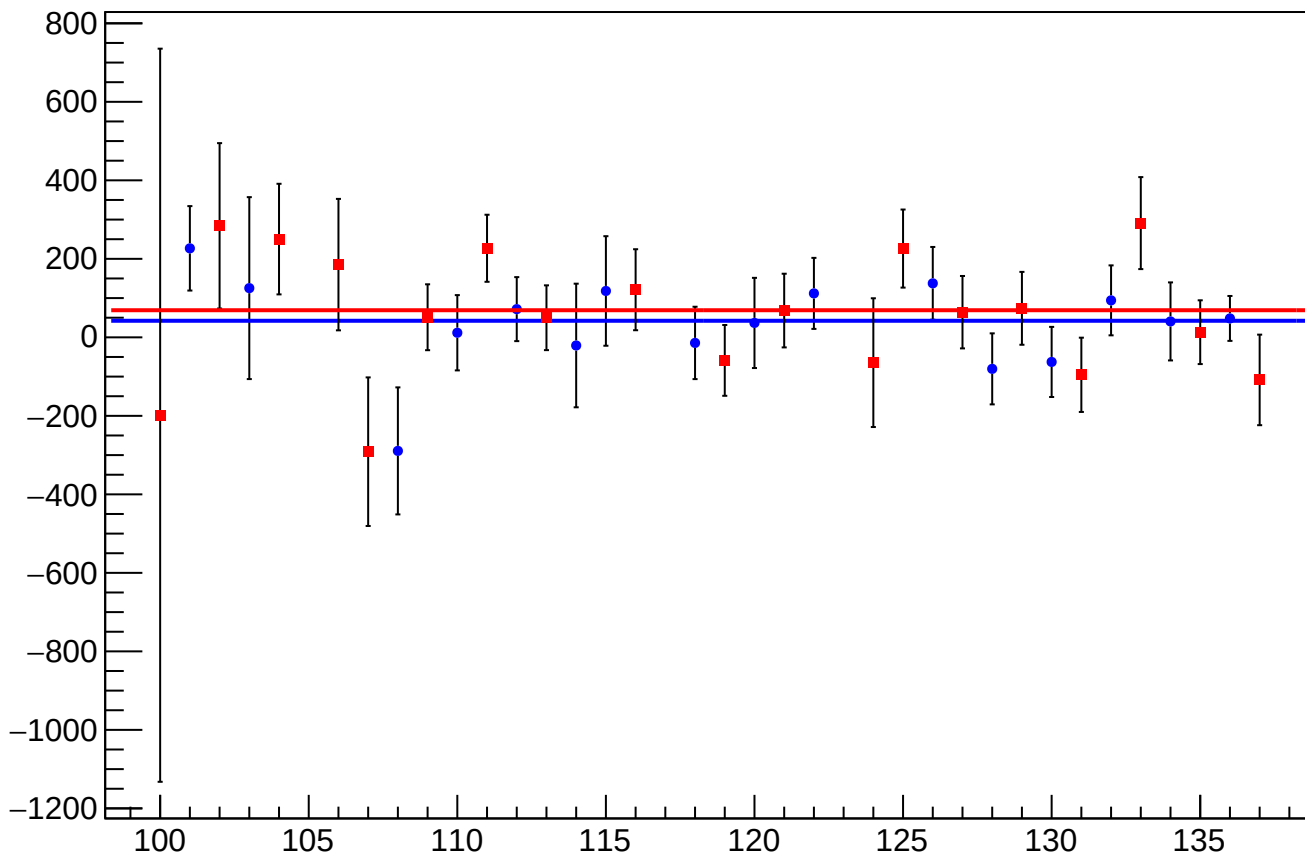
Right: 622.565+/-0.118 χ^2/NDF : 1148142.8/34

In: 623.181+/-0.169 χ^2/NDF : 565524.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.565+/-0.118 χ^2/NDF : 1148142.8/34

cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.213 $\pm$ 24.207 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 69.068 $\pm$ 24.420 χ^2 /NDF: 25.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

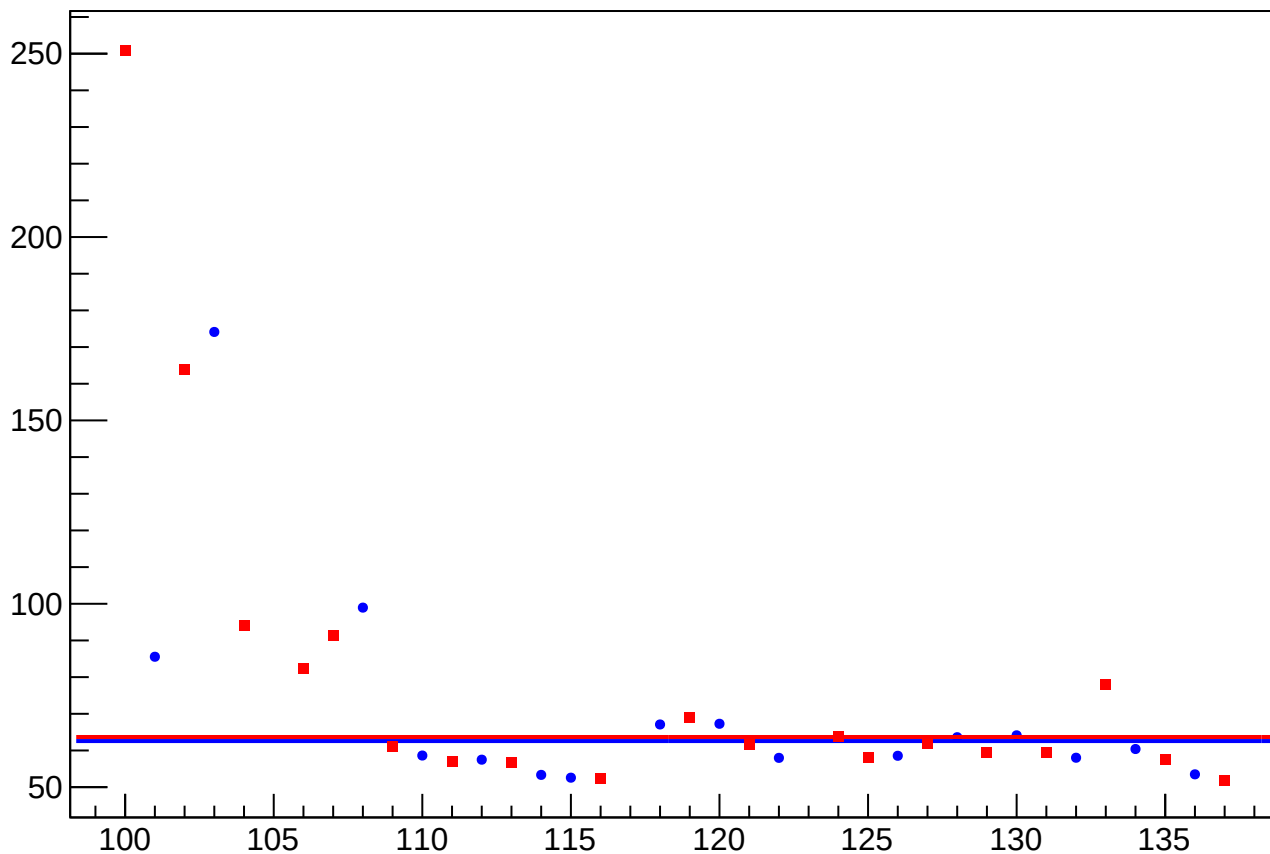
Right: 55.523 $\pm$ 17.192 χ^2 /NDF: 39.4/34

In: 42.213 $\pm$ 24.207 χ^2 /NDF:13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 55.523 $\pm$ 17.192 χ^2 /NDF: 39.4/34

cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.566 $\pm$ 0.017 χ^2 /NDF: 758605.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 63.675 $\pm$ 0.017 χ^2 /NDF: 831432.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

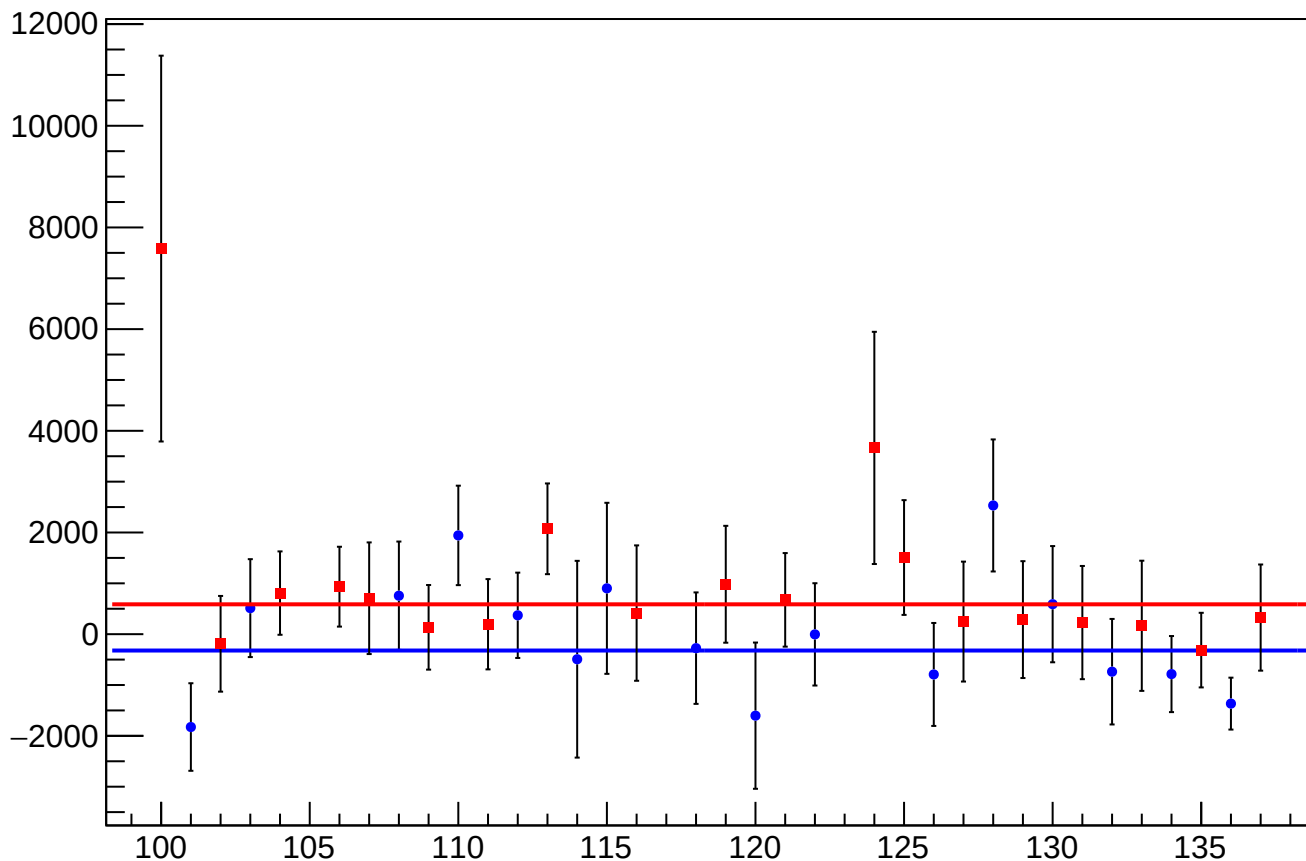
Right: 63.115 $\pm$ 0.012 χ^2 /NDF: 1592120.8/34

In: 62.566 $\pm$ 0.017 χ^2 /NDF: 758605.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 63.115 $\pm$ 0.012 χ^2 /NDF: 1592120.8/34

asym_sam_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -321.660 $\pm$ 238.484 χ^2 /NDF: 22.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 587.224 $\pm$ 234.080 χ^2 /NDF: 12.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

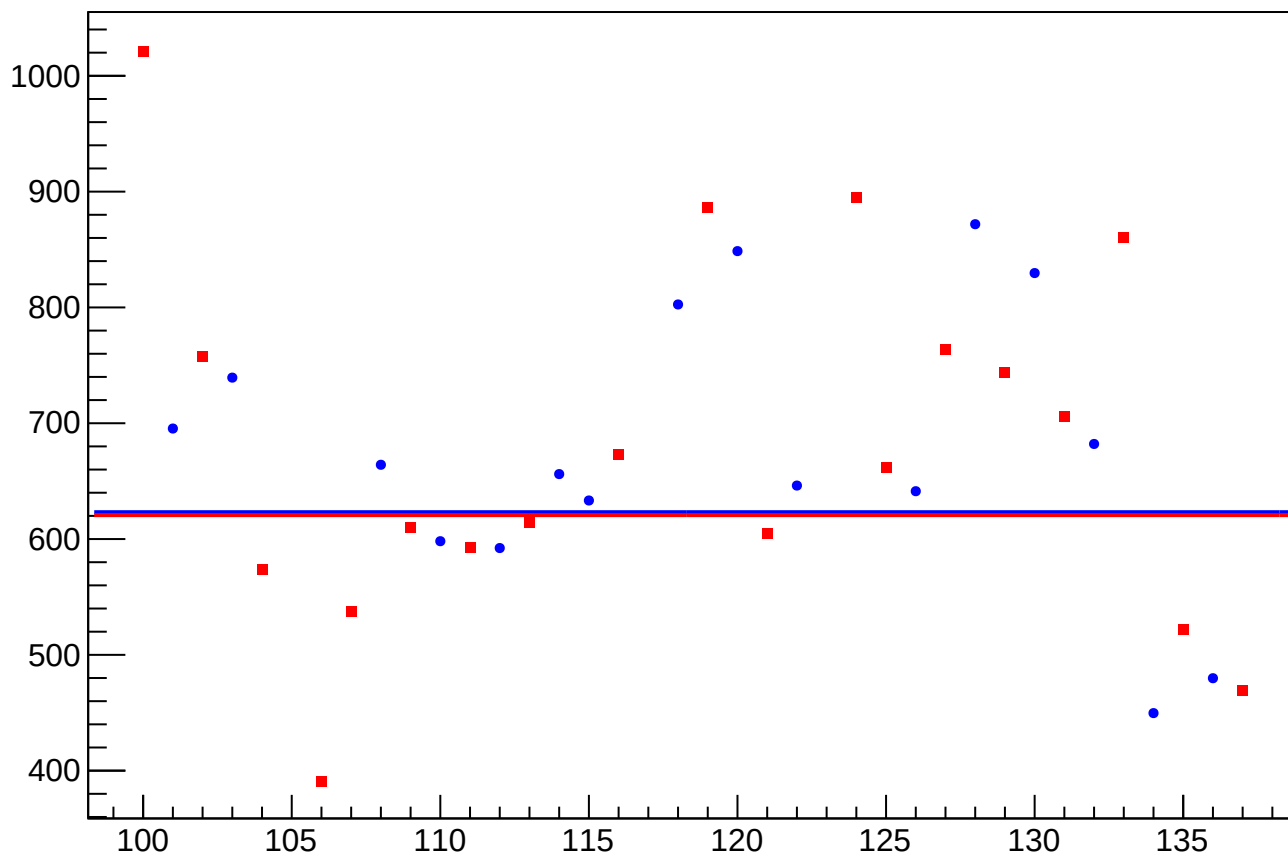
Right: 141.251 $\pm$ 167.055 χ^2 /NDF: 42.3/34

In: -321.660 $\pm$ 238.484 χ^2 /NDF:22.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 141.251 $\pm$ 167.055 χ^2 /NDF: 42.3/34

asym_sam_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.184+/-0.169 χ^2/NDF : 565557.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 620.673+/-0.166 χ^2/NDF : 610523.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

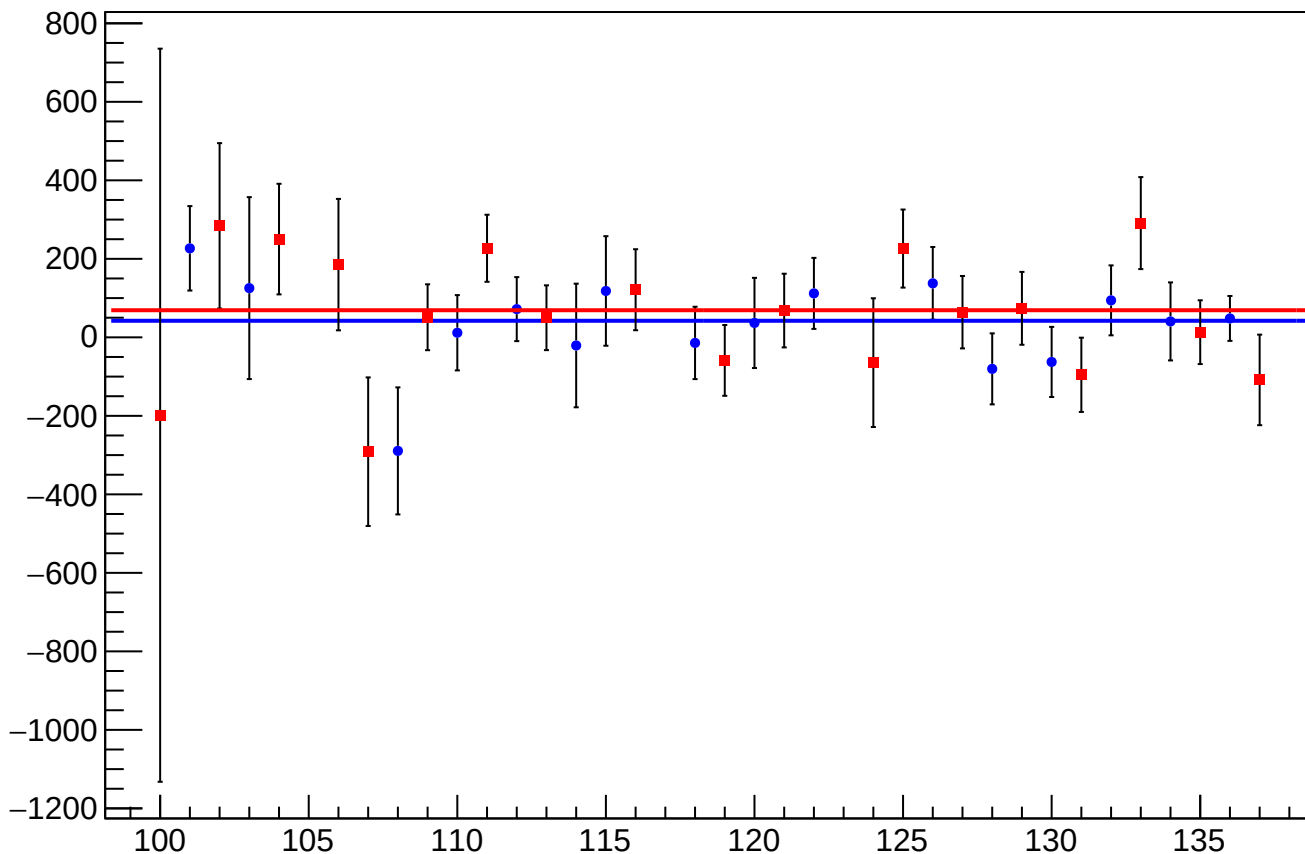
Right: 621.905+/-0.118 χ^2/NDF : 1176193.8/34

In: 623.184+/-0.169 χ^2/NDF :565557.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 621.905+/-0.118 χ^2/NDF : 1176193.8/34

eigen_cor_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.213+/-24.207 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.068+/-24.420 χ^2/NDF : 25.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

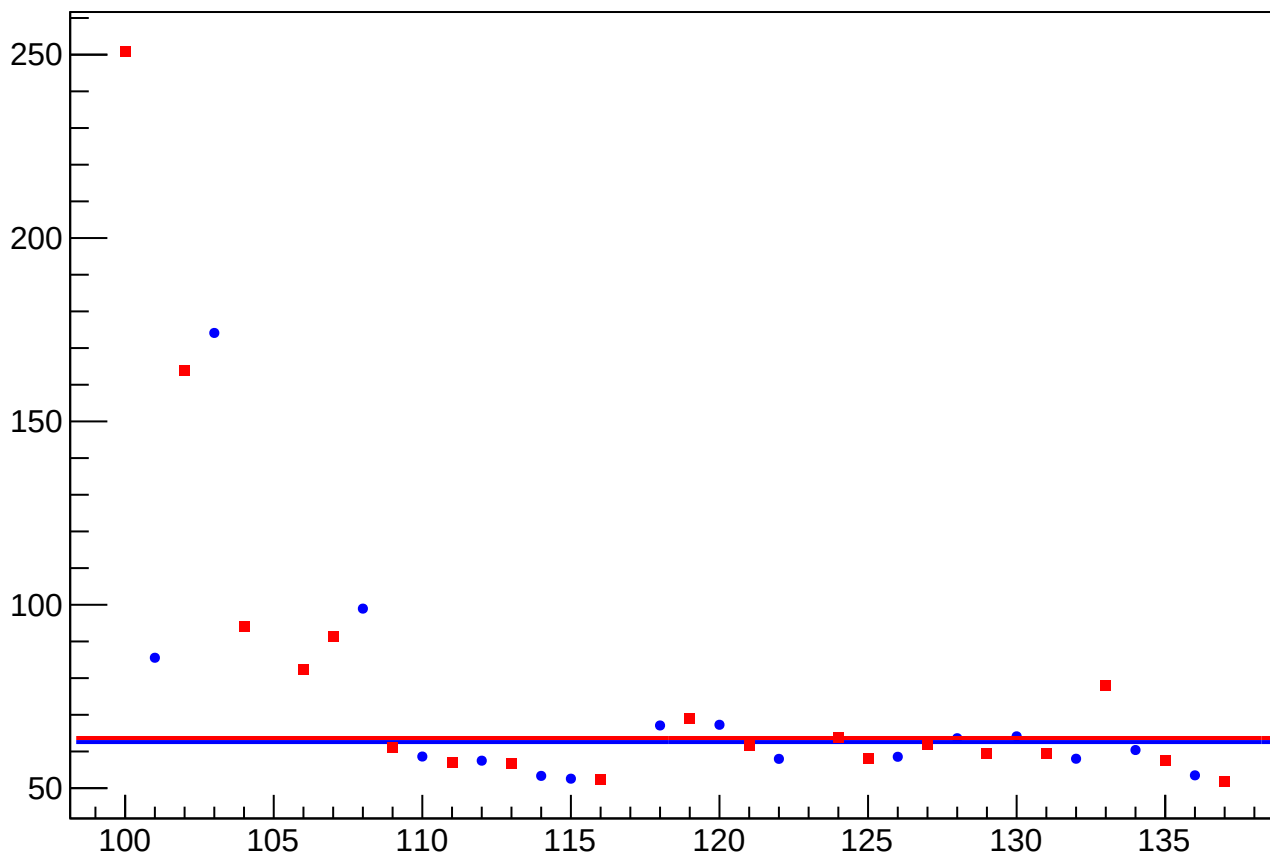
Right: 55.523+/-17.192 χ^2/NDF : 39.4/34

In: 42.213+/-24.207 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.523+/-17.192 χ^2/NDF : 39.4/34

eigen_cor_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 62.566+/-0.017 χ^2/NDF : 758605.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.675+/-0.017 χ^2/NDF : 831432.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

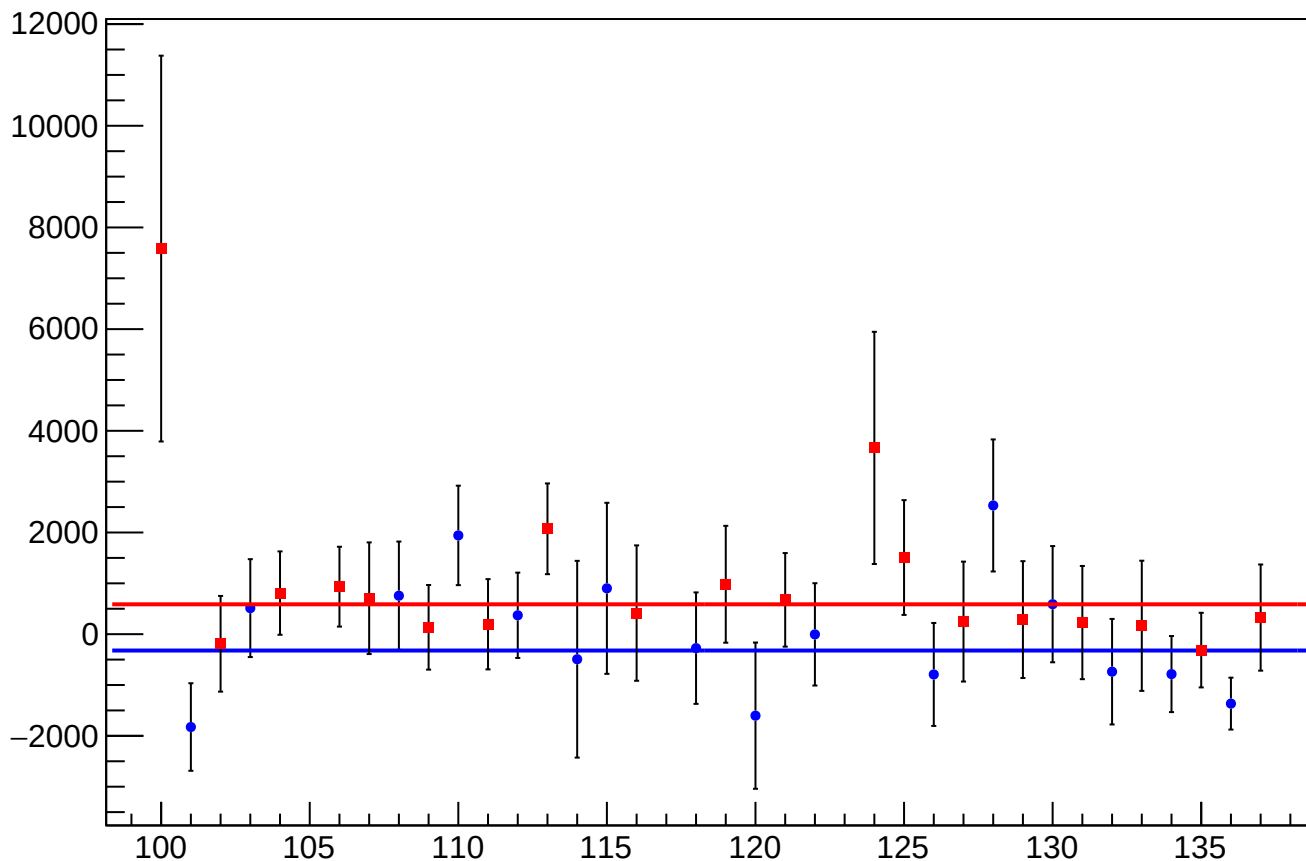
Right: 63.115+/-0.012 χ^2/NDF : 1592120.8/34

In: 62.566+/-0.017 χ^2/NDF : 758605.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.115+/-0.012 χ^2/NDF : 1592120.8/34

asym_sam_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -321.660+/-238.484 χ^2 /NDF: 22.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 587.224+/-234.080 χ^2 /NDF: 12.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

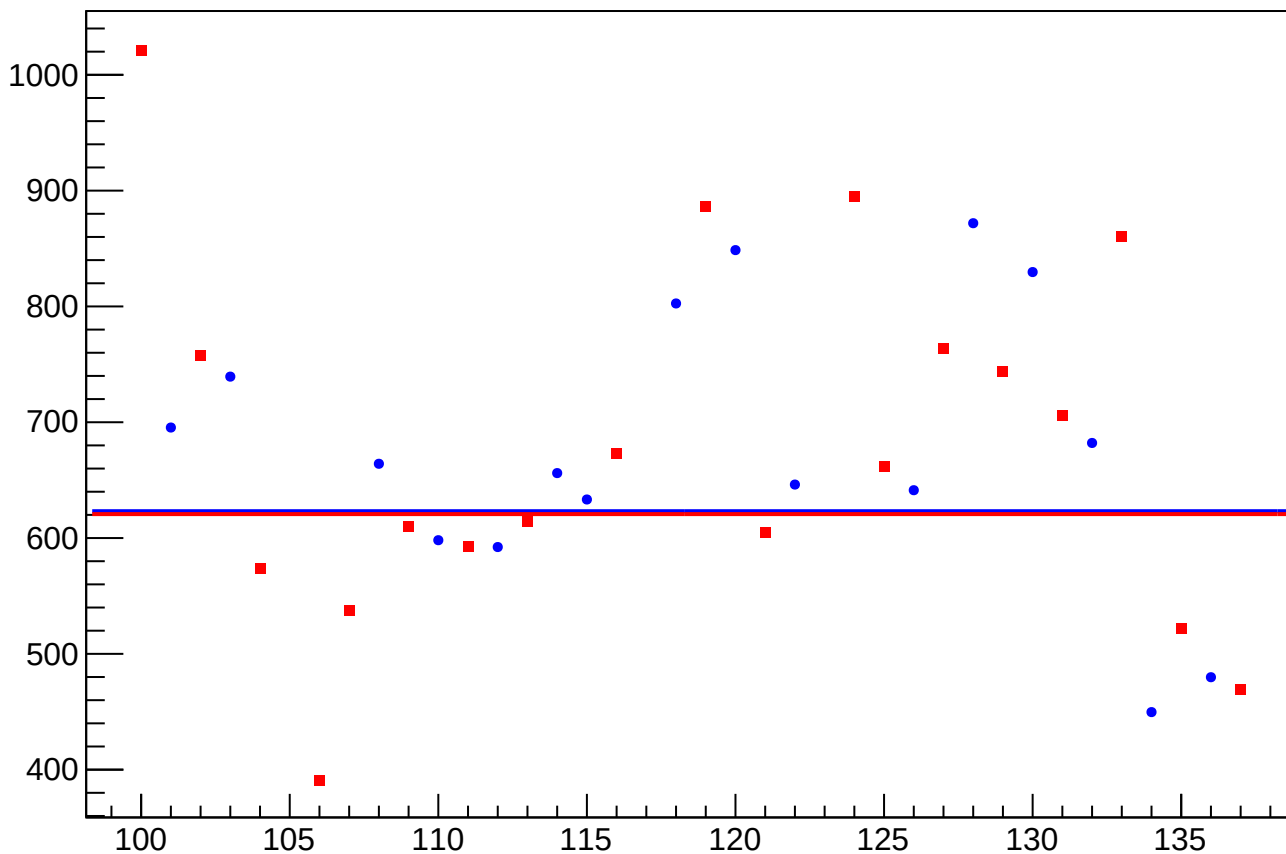
Right: 141.251+/-167.055 χ^2 /NDF: 42.3/34

In: -321.660+/-238.484 χ^2 /NDF:22.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 141.251+/-167.055 χ^2 /NDF: 42.3/34

asym_sam_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 623.184+/-0.169 χ^2/NDF : 565557.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 620.673+/-0.166 χ^2/NDF : 610523.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

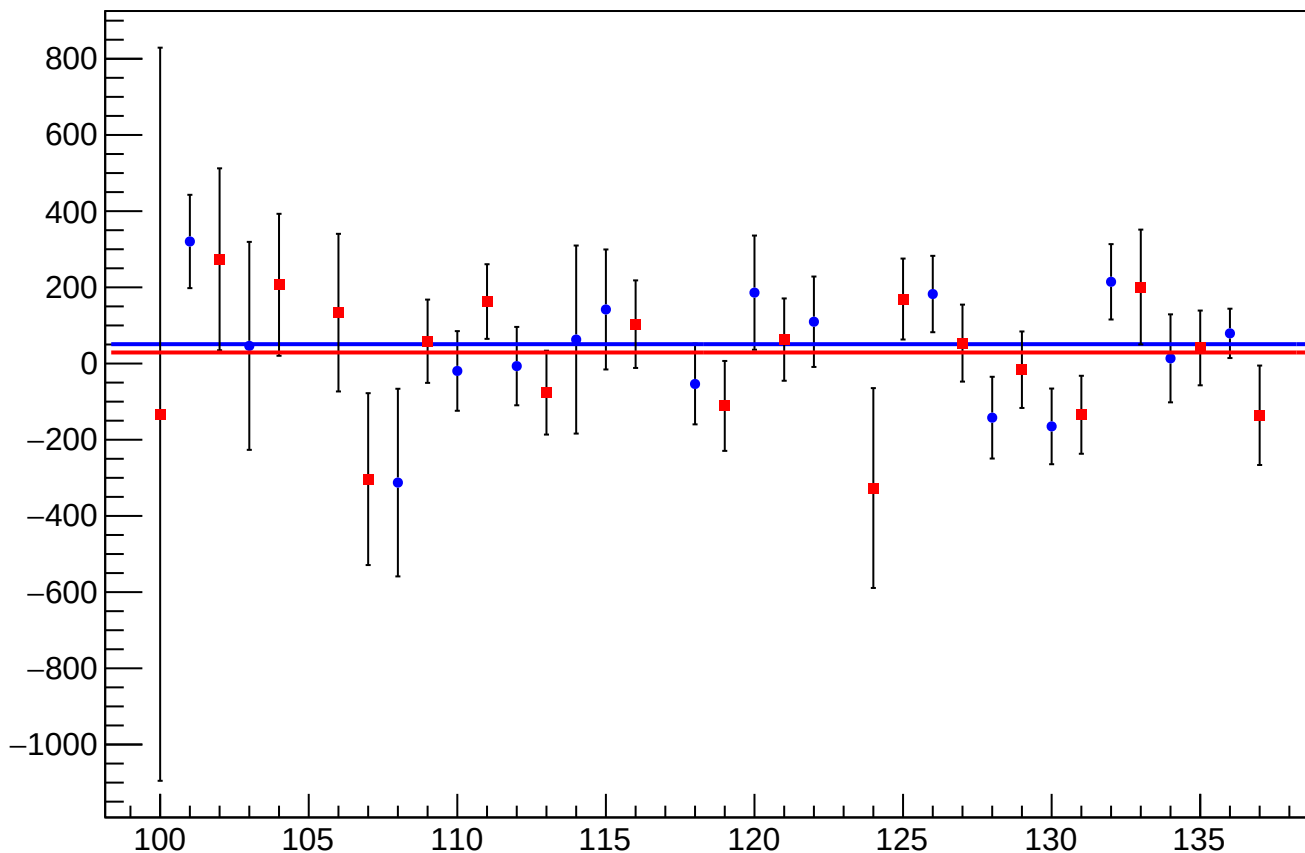
Right: 621.905+/-0.118 χ^2/NDF : 1176193.8/34

In: 623.184+/-0.169 χ^2/NDF : 565557.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.905+/-0.118 χ^2/NDF : 1176193.8/34

dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 50.840 $\pm$ 28.316 χ^2 /NDF: 22.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.040 $\pm$ 28.910 χ^2 /NDF: 18.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

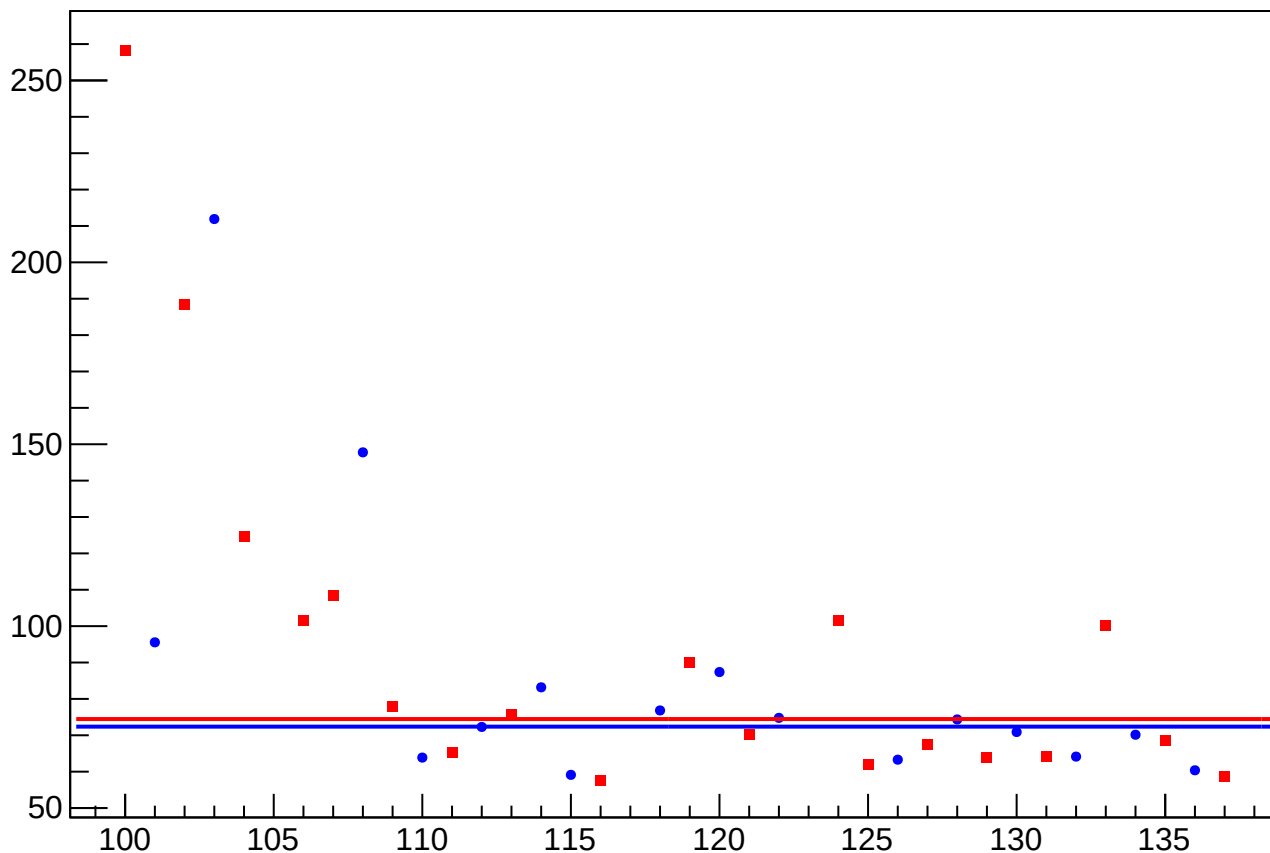
Right: 40.166 $\pm$ 20.229 χ^2 /NDF: 41.7/34

In: 50.840 $\pm$ 28.316 χ^2 /NDF:22.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.166 $\pm$ 20.229 χ^2 /NDF: 41.7/34

dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 72.378+/-0.020 χ^2/NDF : 938175.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.463+/-0.020 χ^2/NDF : 1052296.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

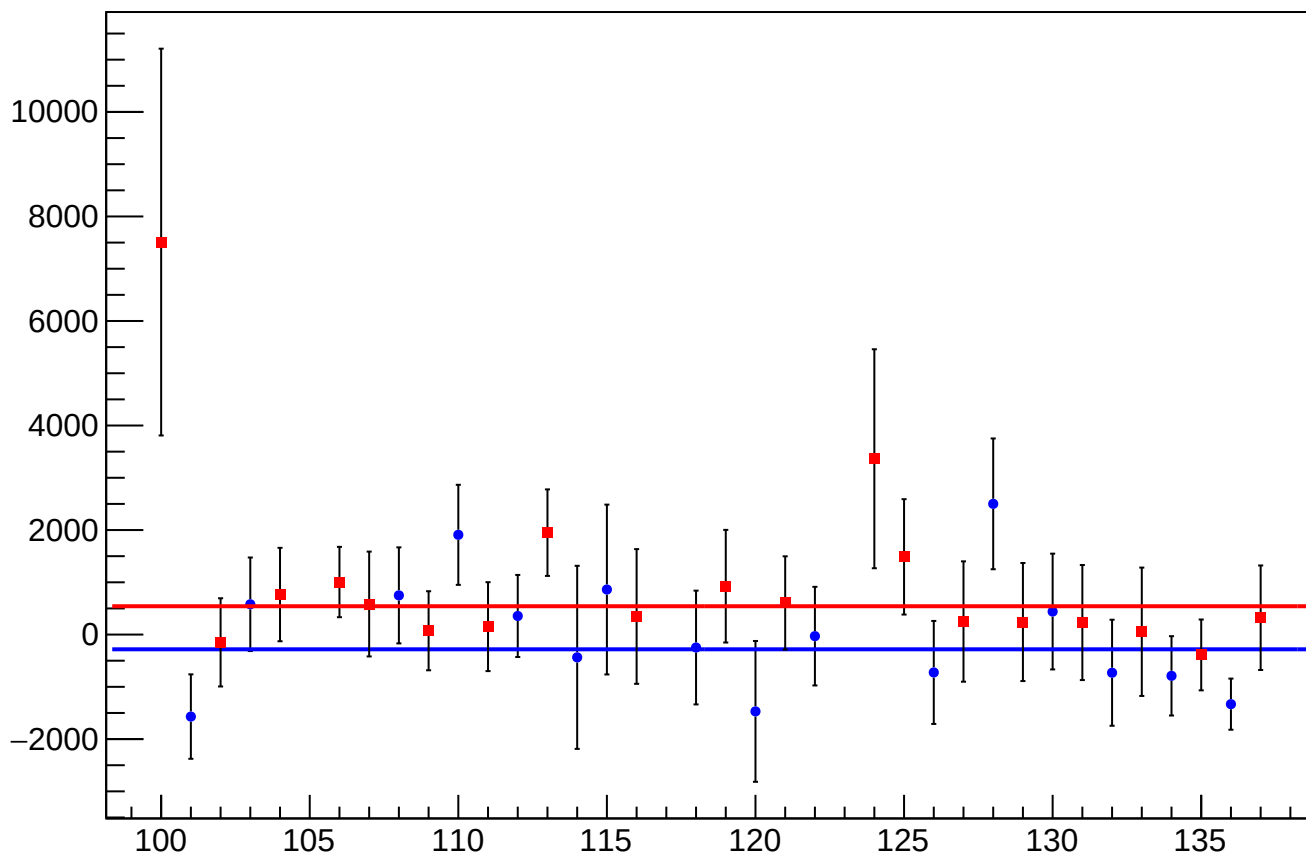
Right: 73.399+/-0.014 χ^2/NDF : 1995784.4/34

In: 72.378+/-0.020 χ^2/NDF : 938175.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.399+/-0.014 χ^2/NDF : 1995784.4/34

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.039 $\pm$ 227.789 χ^2 /NDF: 22.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 542.028 $\pm$ 220.904 χ^2 /NDF: 13.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

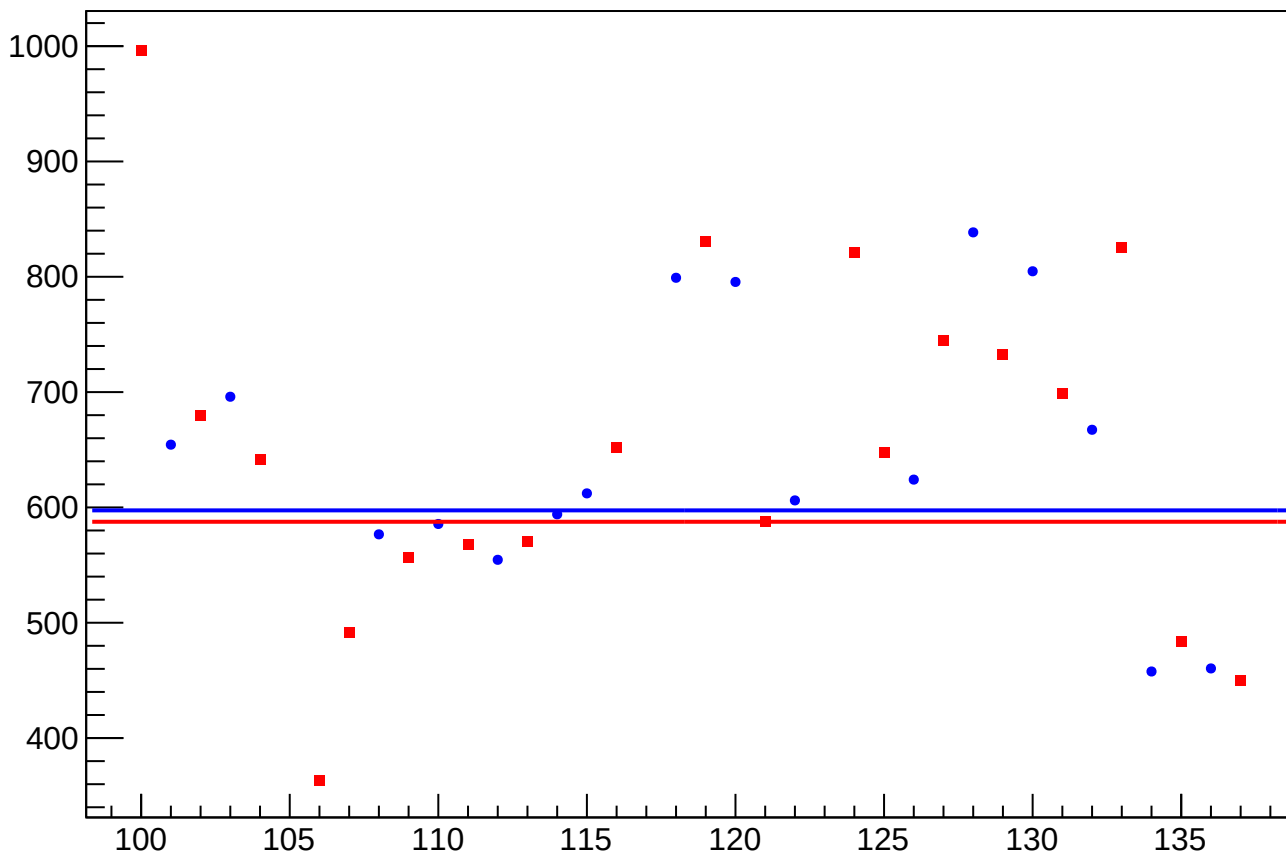
Right: 142.636 $\pm$ 158.581 χ^2 /NDF: 42.8/34

In: -282.039 $\pm$ 227.789 χ^2 /NDF:22.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.636 $\pm$ 158.581 χ^2 /NDF: 42.8/34

asym_sam_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 597.438+/-0.161 χ^2/NDF : 533791.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.565+/-0.156 χ^2/NDF : 689035.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

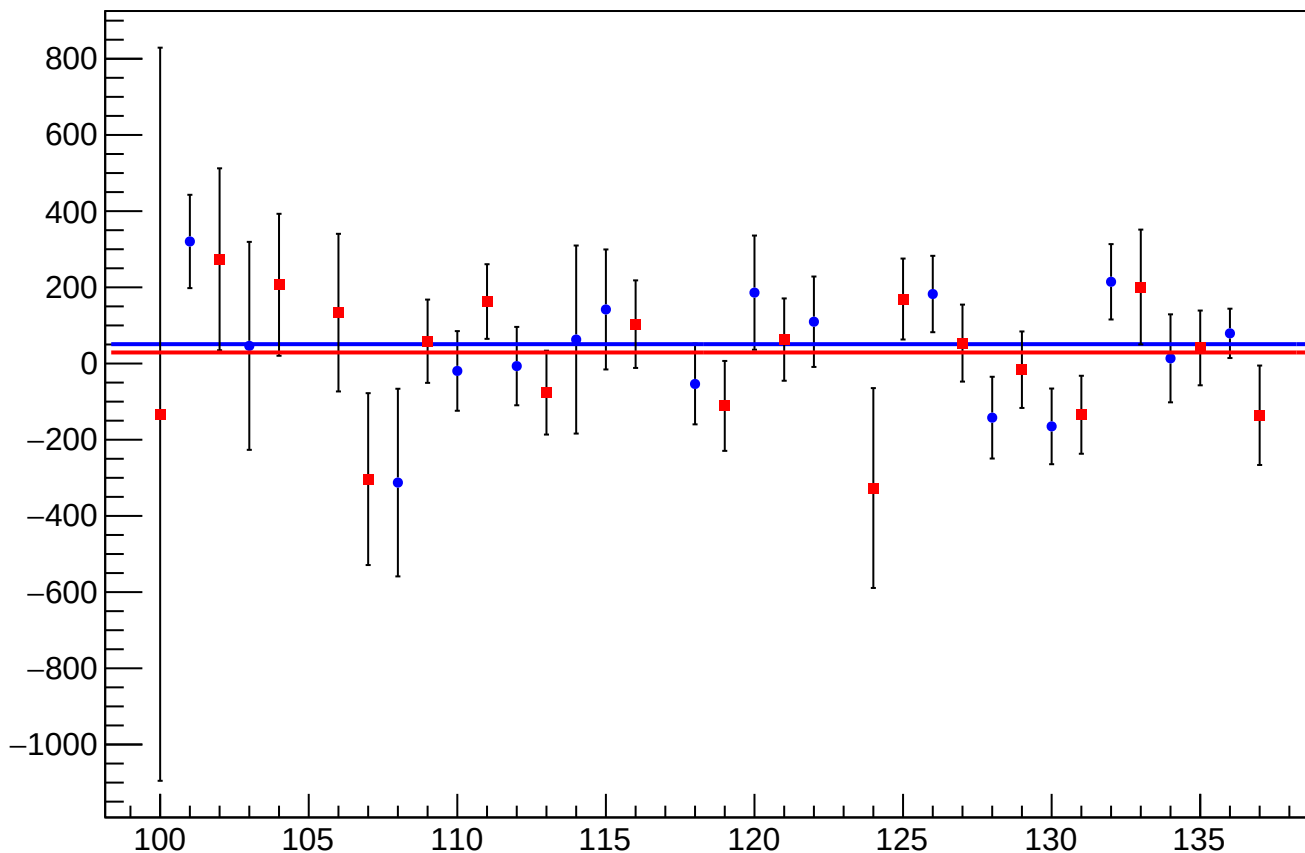
Right: 592.350+/-0.112 χ^2/NDF : 1224764.0/34

In: 597.438+/-0.161 χ^2/NDF : 533791.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.350+/-0.112 χ^2/NDF : 1224764.0/34

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 50.840 $\pm$ 28.316 χ^2 /NDF: 22.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.038 $\pm$ 28.910 χ^2 /NDF: 18.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

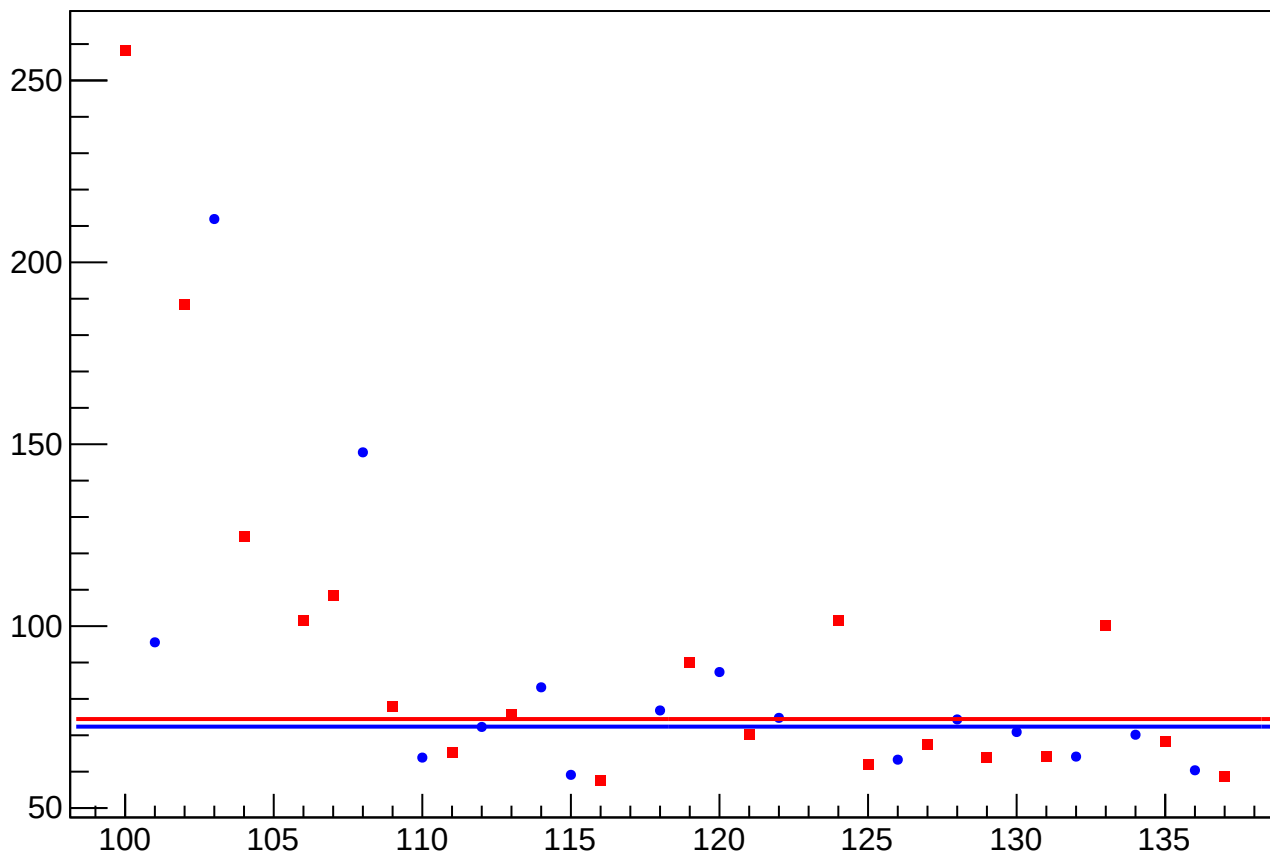
Right: 40.165 $\pm$ 20.229 χ^2 /NDF: 41.7/34

In: 50.840 $\pm$ 28.316 χ^2 /NDF:22.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.165 $\pm$ 20.229 χ^2 /NDF: 41.7/34

eigen_dit_asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 72.378+/-0.020 χ^2/NDF : 938180.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.463+/-0.020 χ^2/NDF : 1052290.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

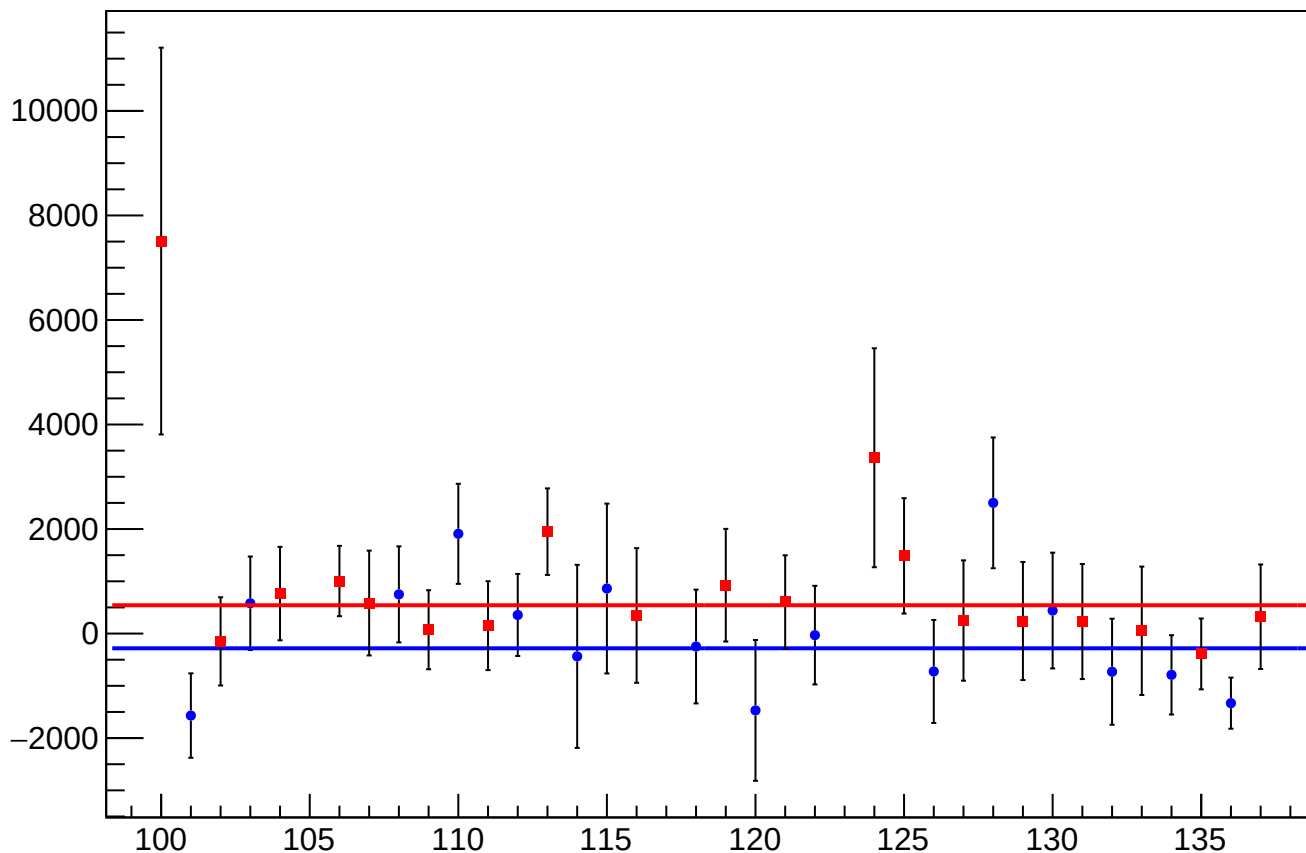
Right: 73.399+/-0.014 χ^2/NDF : 1995782.9/34

In: 72.378+/-0.020 χ^2/NDF : 938180.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.399+/-0.014 χ^2/NDF : 1995782.9/34

asym_sam_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.038 $\pm$ 227.789 χ^2 /NDF: 22.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 542.028 $\pm$ 220.904 χ^2 /NDF: 13.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

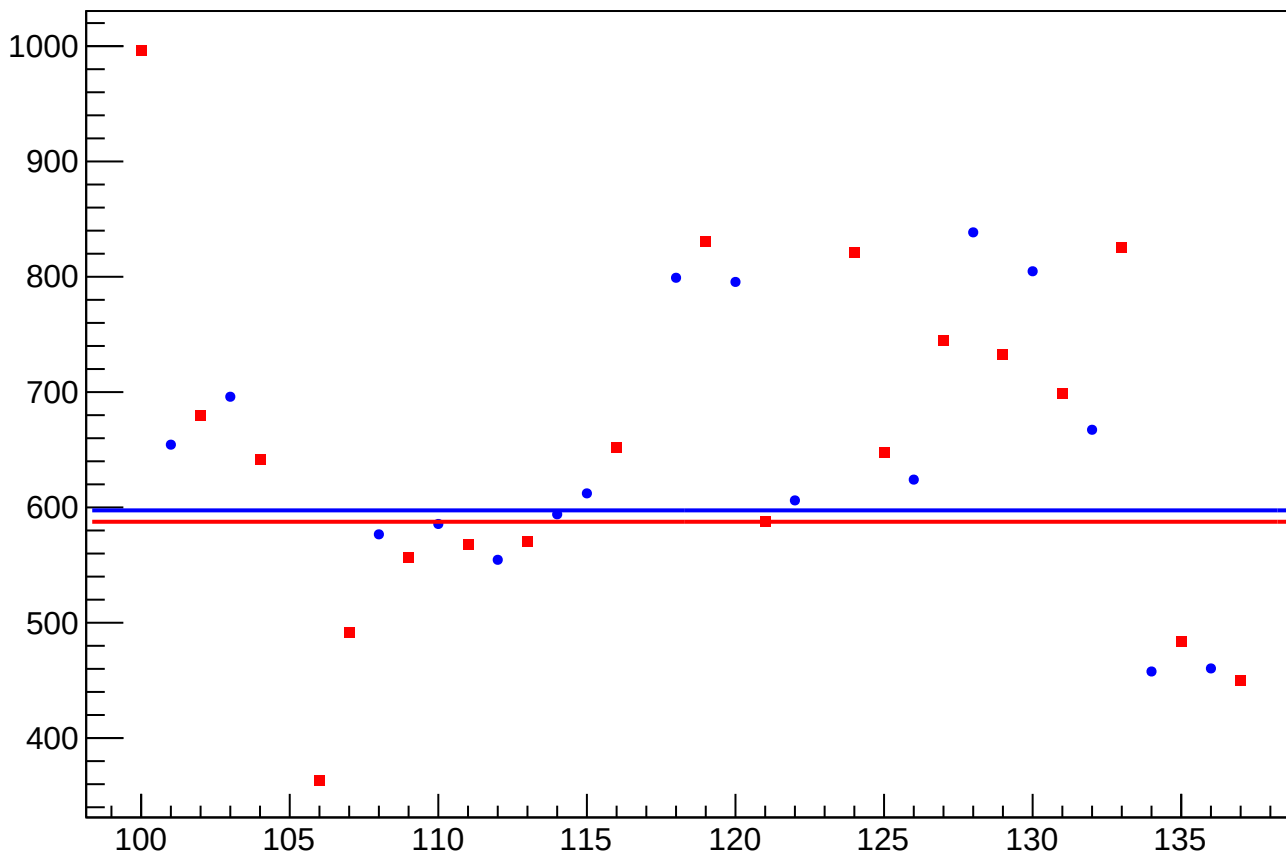
Right: 142.637 $\pm$ 158.581 χ^2 /NDF: 42.8/34

In: -282.038 $\pm$ 227.789 χ^2 /NDF:22.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.637 $\pm$ 158.581 χ^2 /NDF: 42.8/34

asym_sam_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 597.439+/-0.161 χ^2/NDF : 533790.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 587.565+/-0.156 χ^2/NDF : 689033.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

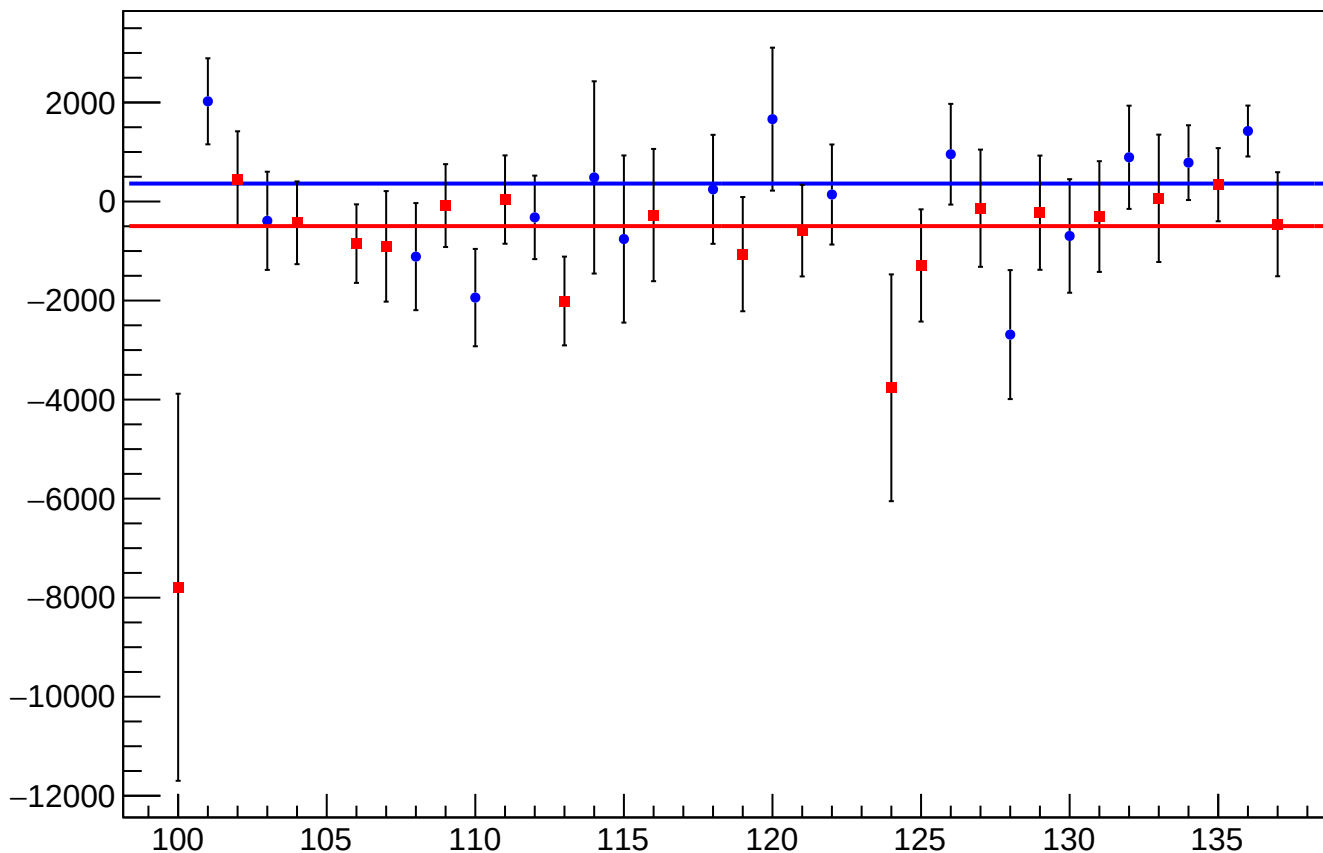
Right: 592.350+/-0.112 χ^2/NDF : 1224760.1/34

In: 597.439+/-0.161 χ^2/NDF : 533790.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 592.350+/-0.112 χ^2/NDF : 1224760.1/34

asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 362.384 ± 240.303 χ^2/NDF : 25.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -496.639 ± 236.029 χ^2/NDF : 12.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

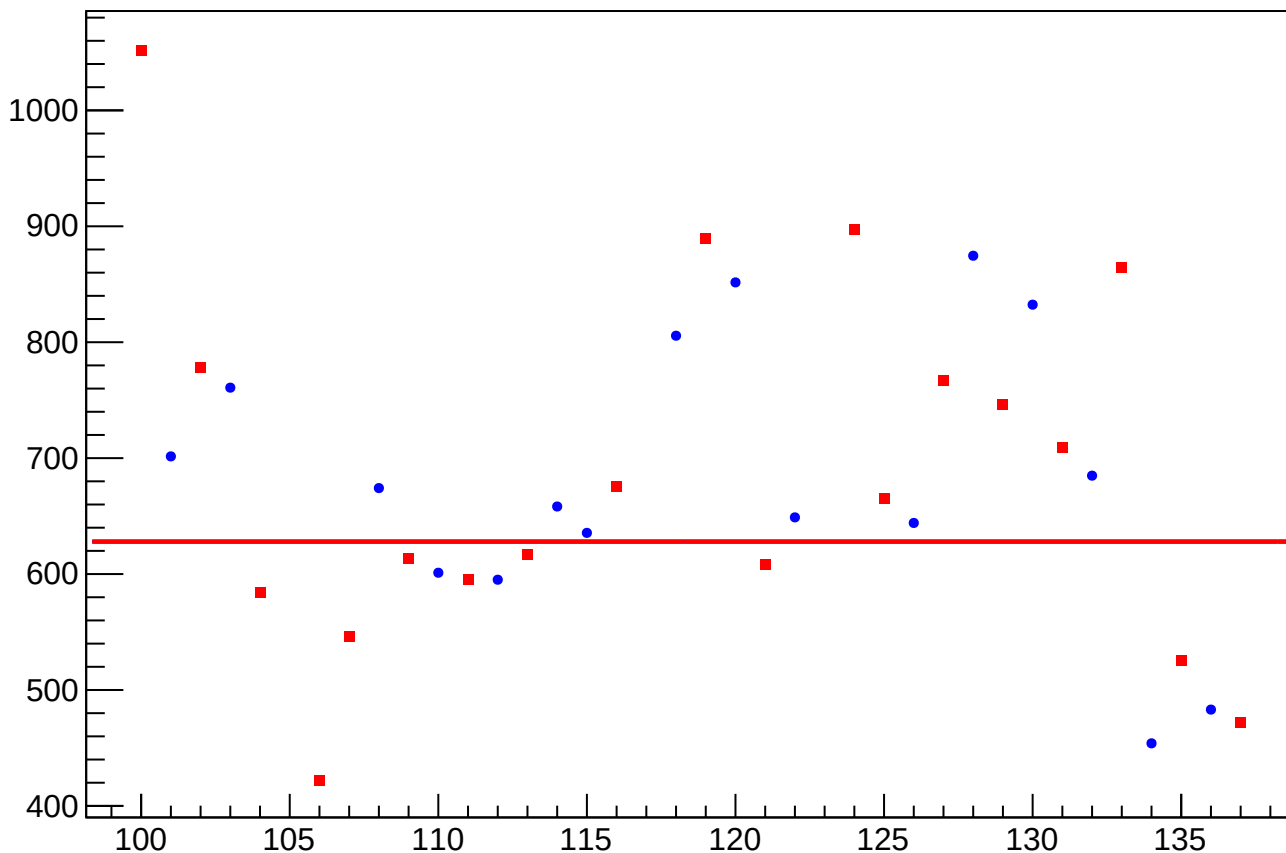
Right: -74.835 ± 168.388 χ^2/NDF : 44.3/34

In: 362.384 ± 240.303 χ^2/NDF : 25.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -74.835 ± 168.388 χ^2/NDF : 44.3/34

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 627.896 $\pm$ 0.170 χ^2 /NDF: 566795.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 628.250 $\pm$ 0.167 χ^2 /NDF: 570979.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

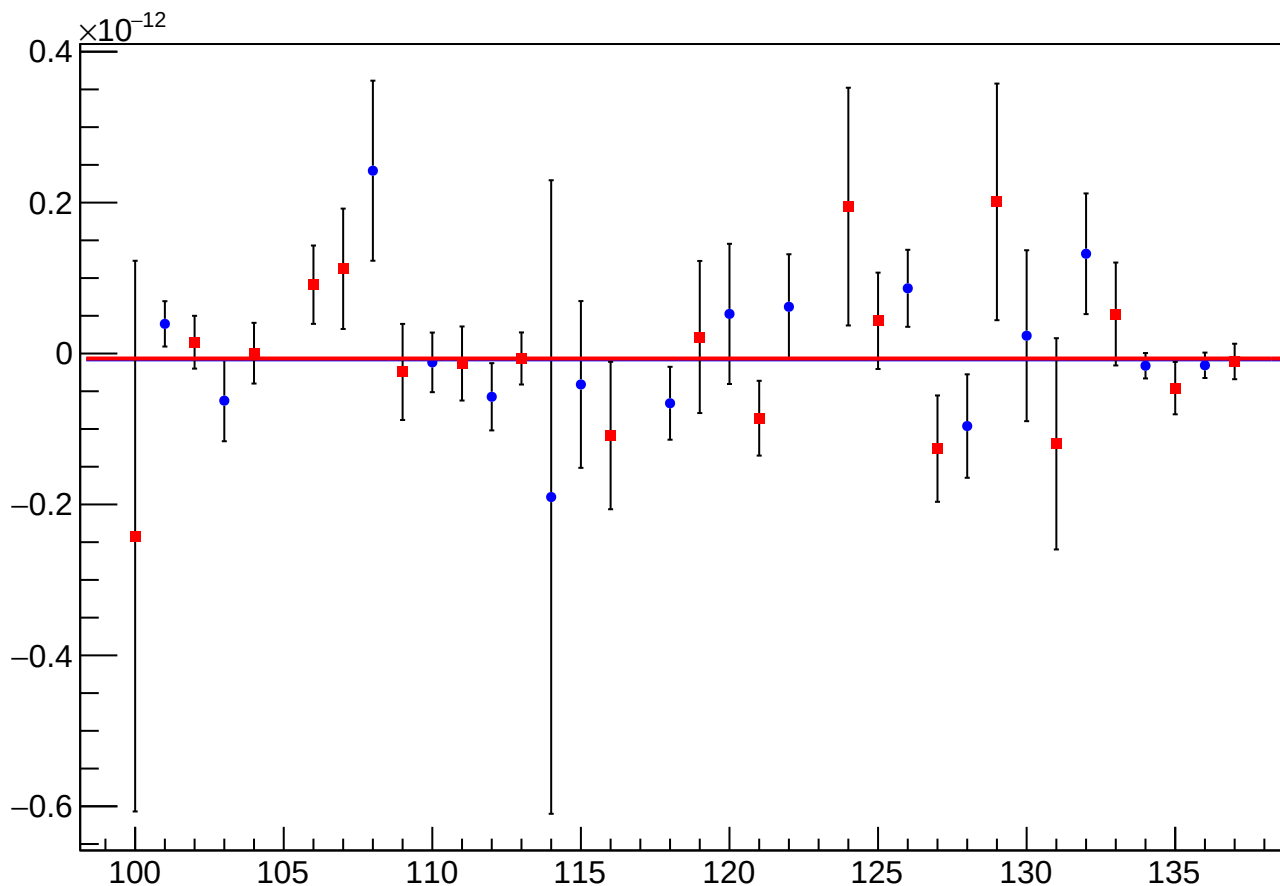
Right: 628.076 $\pm$ 0.119 χ^2 /NDF: 1137777.3/34

In: 627.896 $\pm$ 0.170 χ^2 /NDF:566795.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 628.076 $\pm$ 0.119 χ^2 /NDF: 1137777.3/34

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

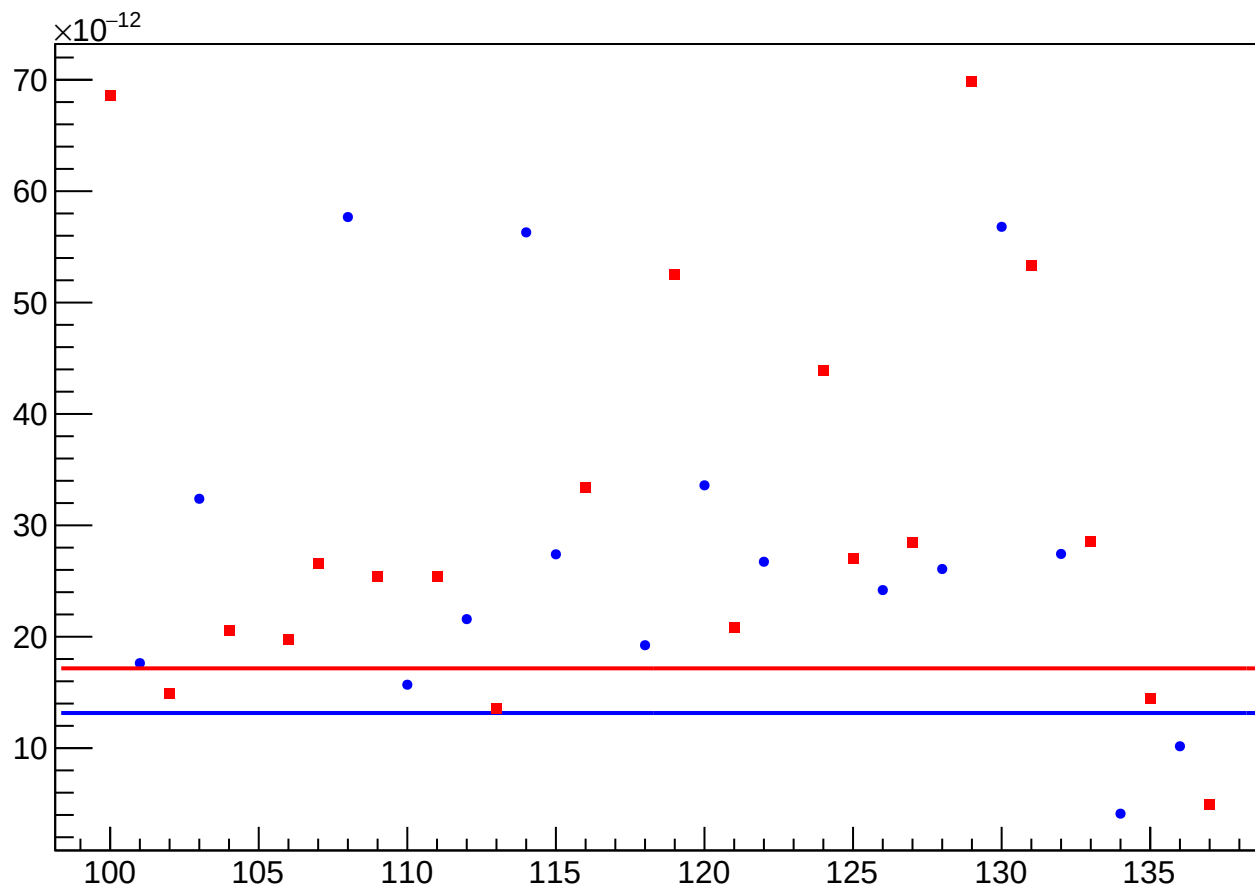
Right: -0.000+/-0.000 χ^2/NDF : 41.0/34

In: -0.000+/-0.000 χ^2/NDF :21.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.0/34

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2082875.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1646197.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

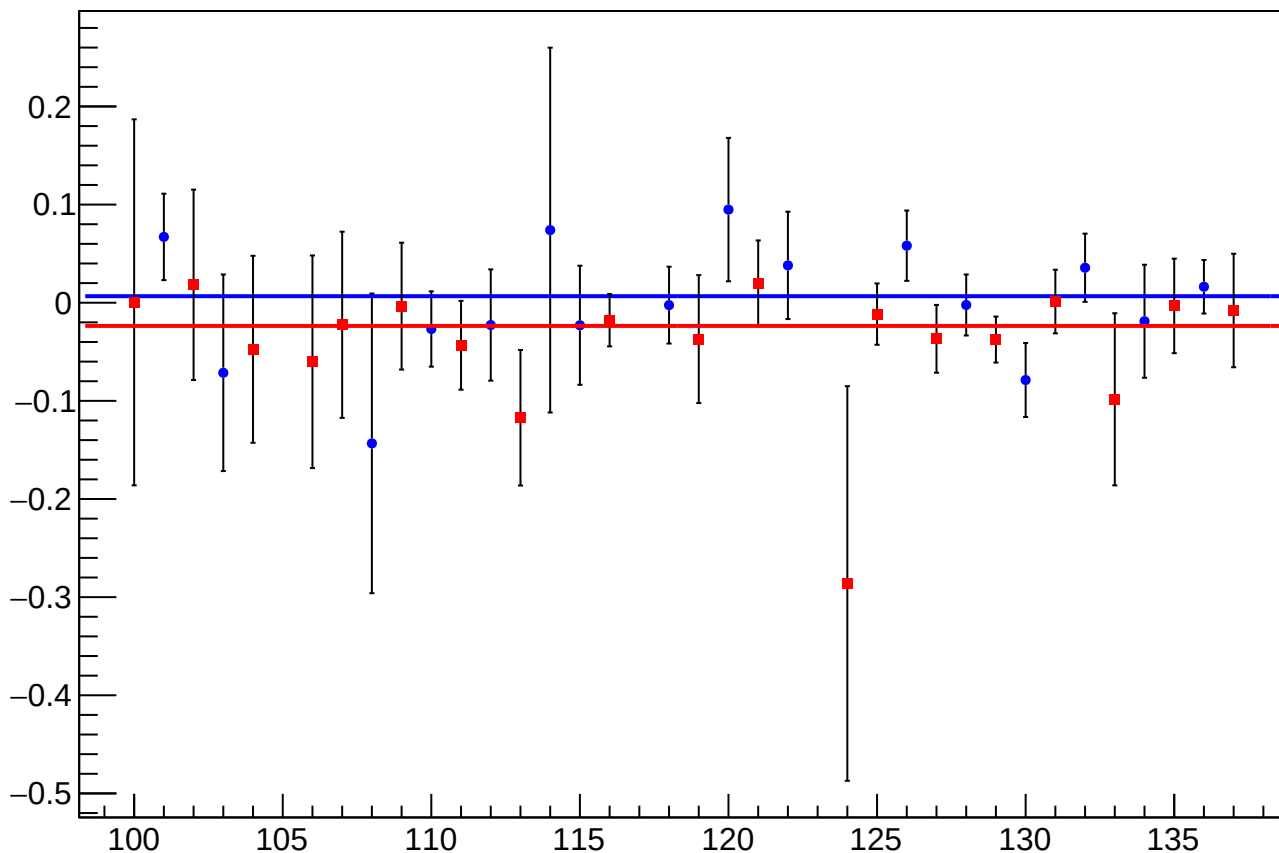
Right: 0.000+/-0.000 χ^2/NDF : 3874616.1/34

In: 0.000+/-0.000 χ^2/NDF : 2082875.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3874616.1/34

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.011 $\chi^2/\text{NDF}: 15.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.024 ± 0.011 $\chi^2/\text{NDF}: 7.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

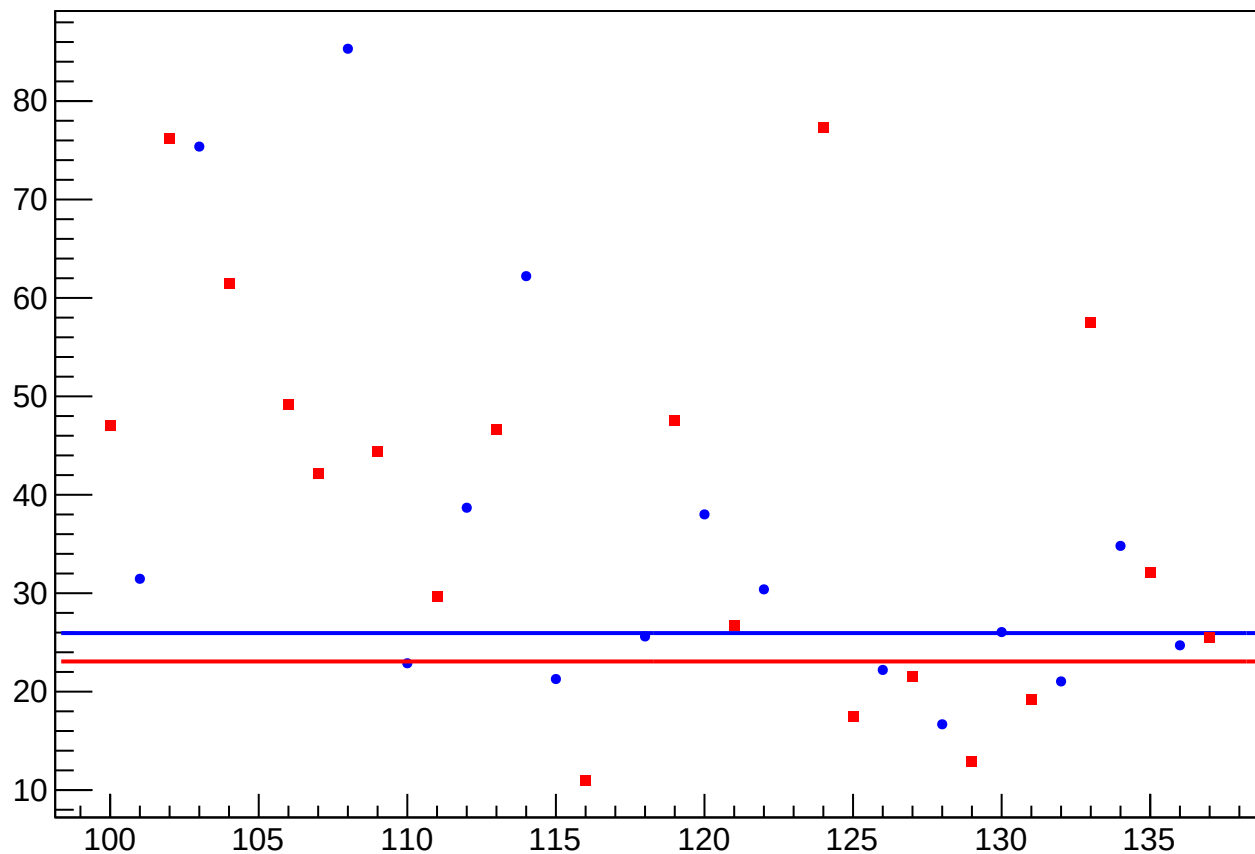
Right: -0.009 ± 0.008 $\chi^2/\text{NDF}: 26.4/34$

In: 0.007 ± 0.011 $\chi^2/\text{NDF}: 15.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.009 ± 0.008 $\chi^2/\text{NDF}: 26.4/34$

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.949+/-0.008 χ^2/NDF : 1381638.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.065+/-0.007 χ^2/NDF : 3360857.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

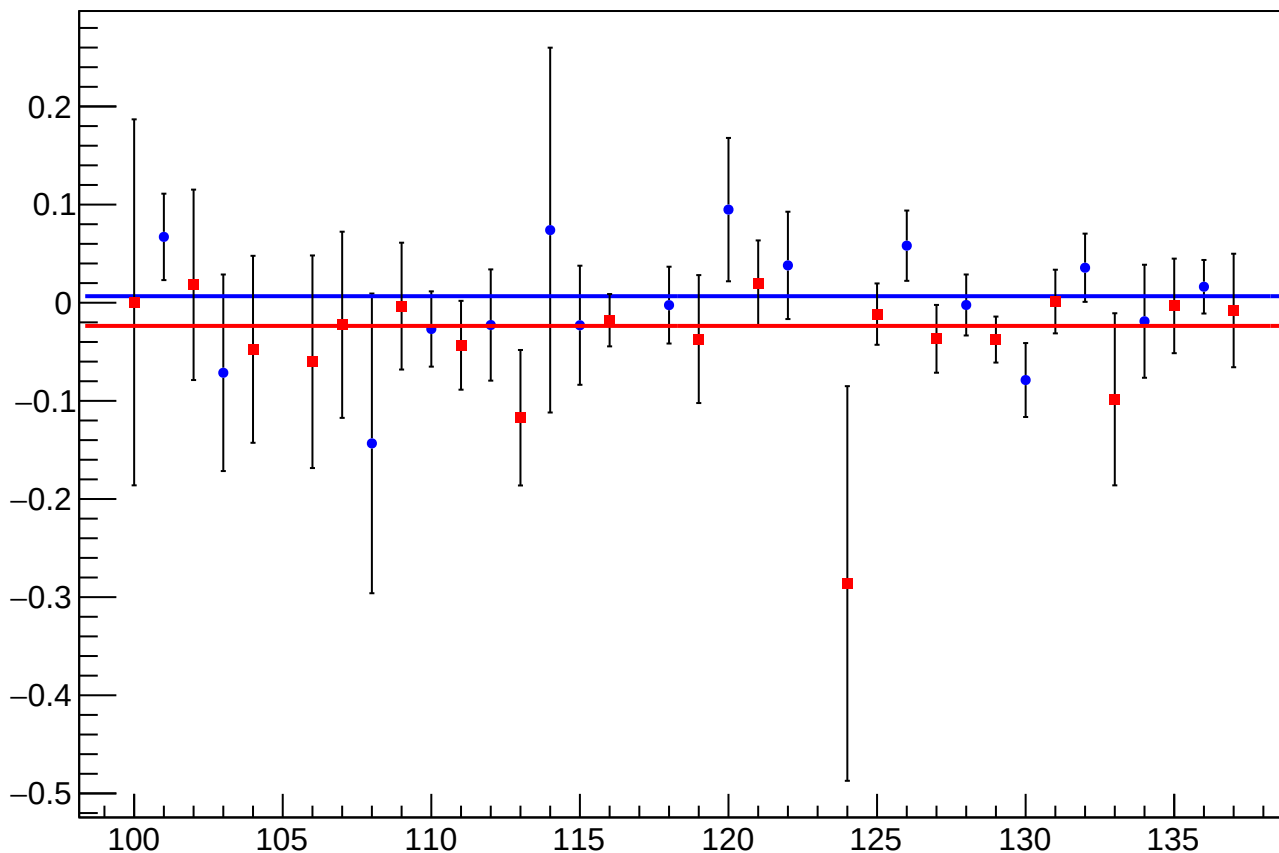
Right: 24.427+/-0.005 χ^2/NDF : 4813744.3/34

In: 25.949+/-0.008 χ^2/NDF :1381638.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.427+/-0.005 χ^2/NDF : 4813744.3/34

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.011 χ^2/NDF : 7.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

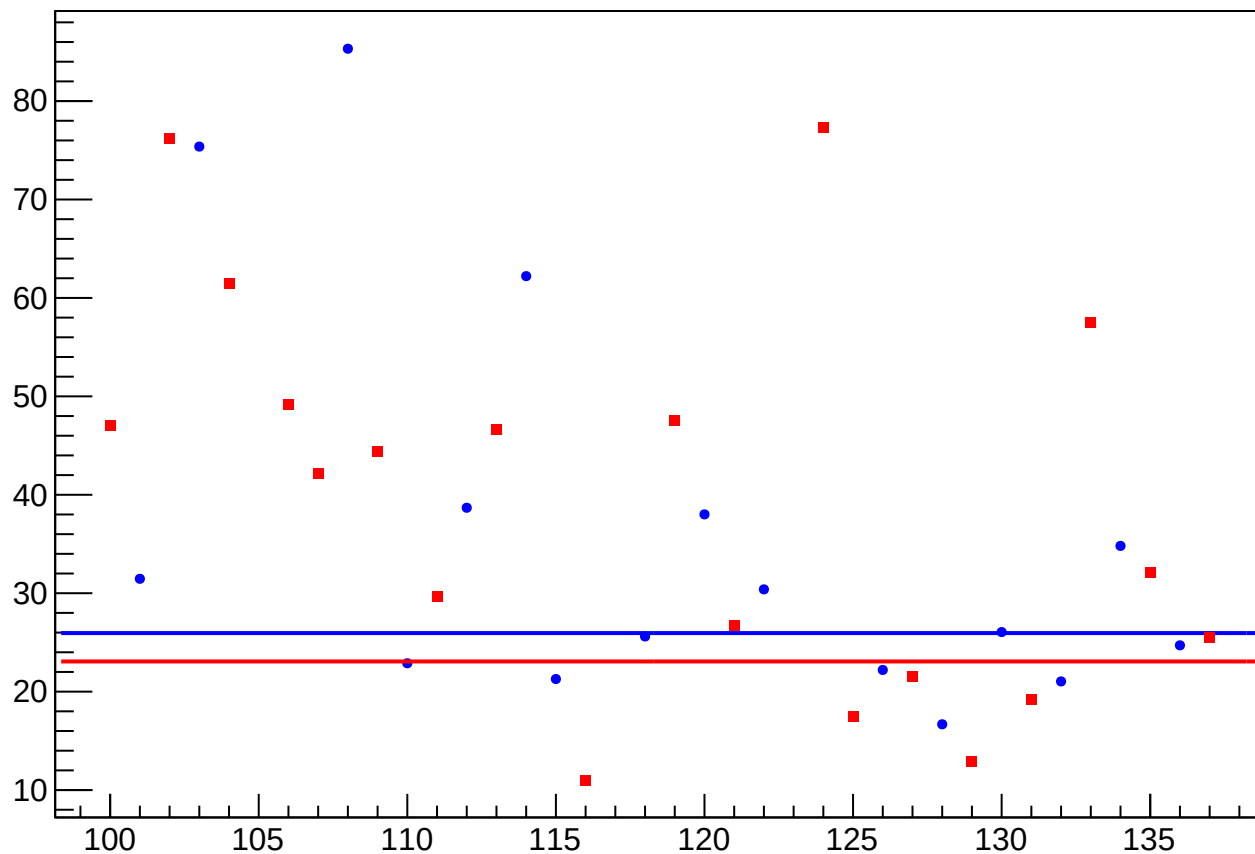
Right: -0.009 ± 0.008 χ^2/NDF : 26.4/34

In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.008 χ^2/NDF : 26.4/34

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.949 $\pm$ 0.008 χ^2/NDF : 1381638.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 23.065 $\pm$ 0.007 χ^2/NDF : 3360857.8/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

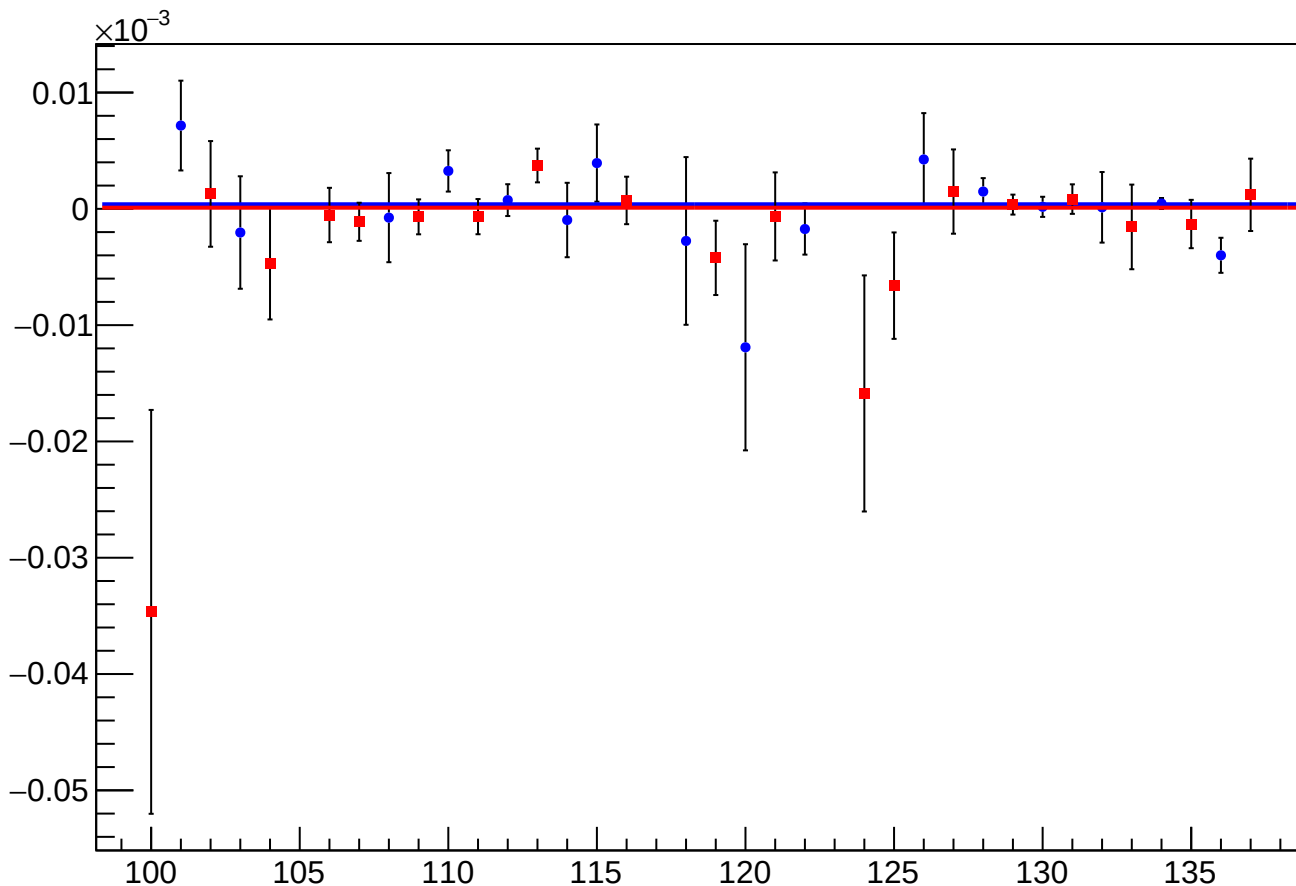
Right: 24.427 $\pm$ 0.005 χ^2/NDF : 4813744.3/34

In: 25.949 $\pm$ 0.008 χ^2/NDF : 1381638.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 24.427 $\pm$ 0.005 χ^2/NDF : 4813744.3/34

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

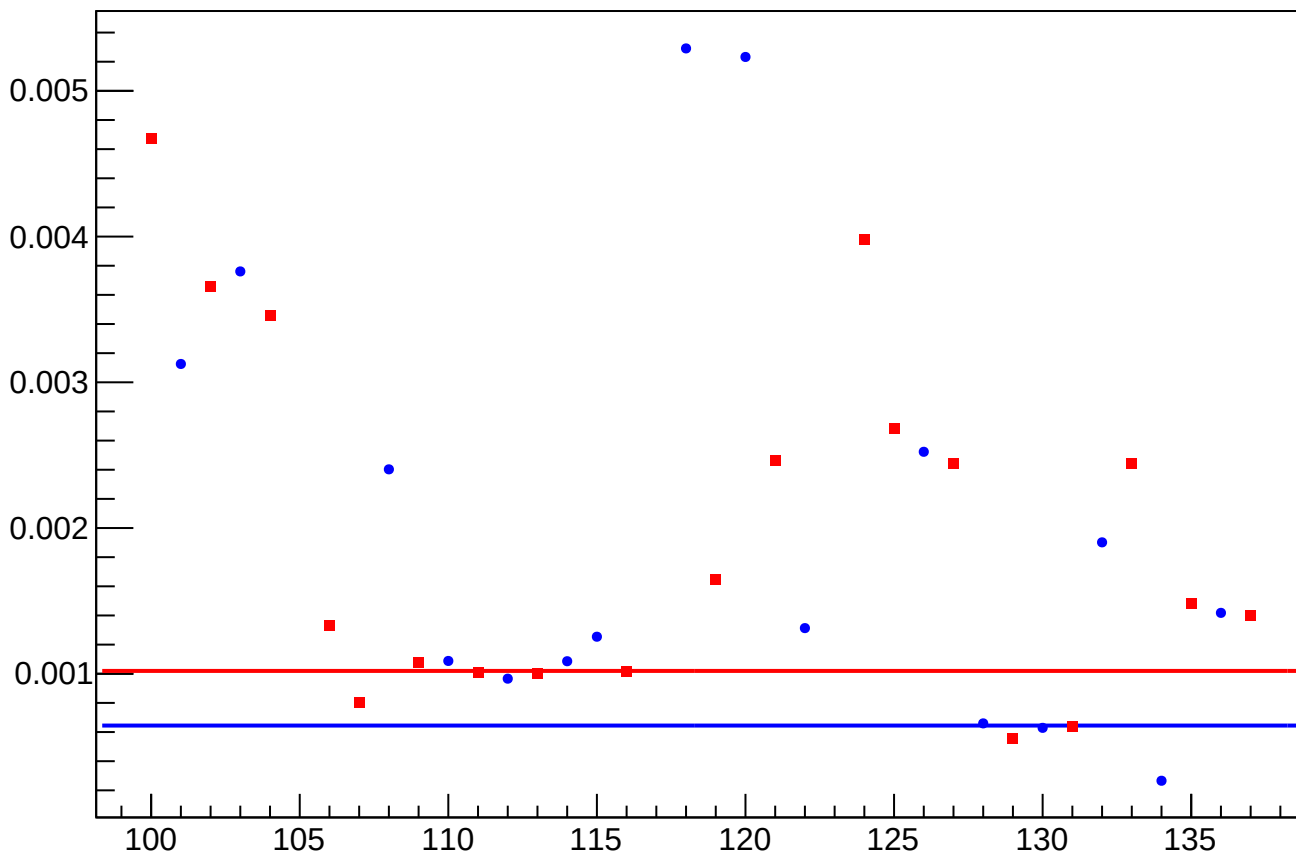
Right: 0.000+/-0.000 χ^2/NDF : 41.6/34

In: 0.000+/-0.000 χ^2/NDF : 20.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 41.6/34

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 6575652.3/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 3662501.2/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 11121544.1/34

In: 0.001+/-0.000

χ^2/NDF : 6575652.3/15

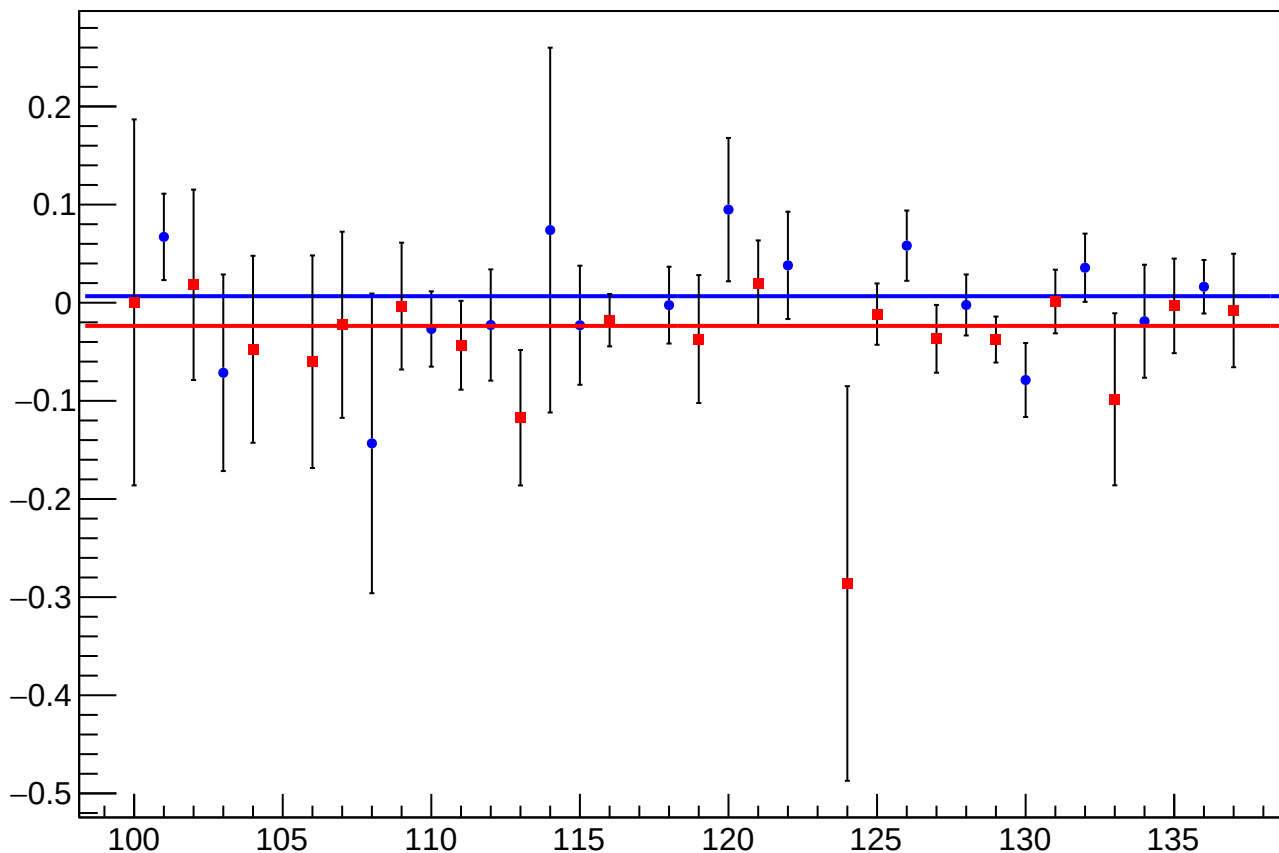
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 11121544.1/34

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.011 χ^2/NDF : 7.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

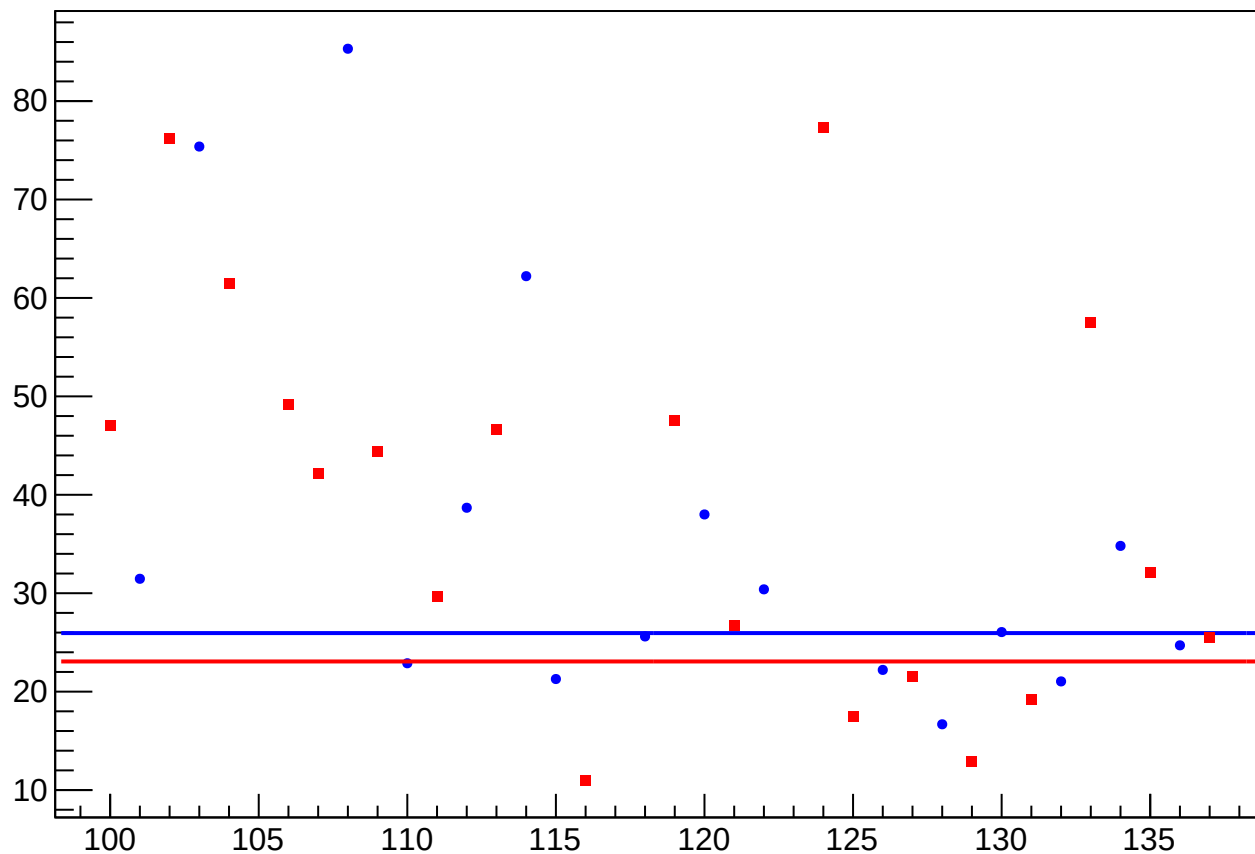
Right: -0.009 ± 0.008 χ^2/NDF : 26.4/34

In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.008 χ^2/NDF : 26.4/34

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.950+/-0.008 χ^2/NDF : 1381591.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.066+/-0.007 χ^2/NDF : 3360688.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

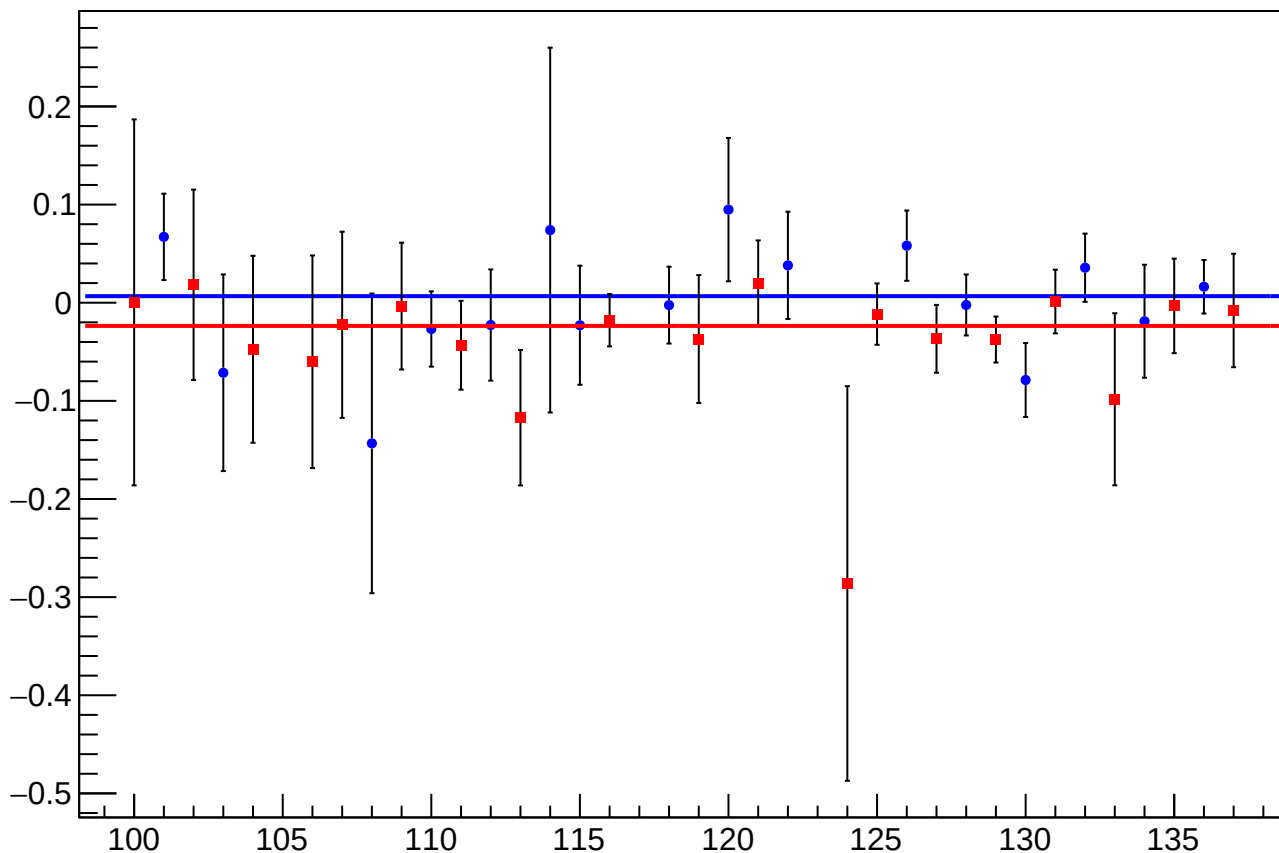
Right: 24.428+/-0.005 χ^2/NDF : 4813518.6/34

In: 25.950+/-0.008 χ^2/NDF :1381591.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.428+/-0.005 χ^2/NDF : 4813518.6/34

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.024 ± 0.011 χ^2/NDF : 7.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

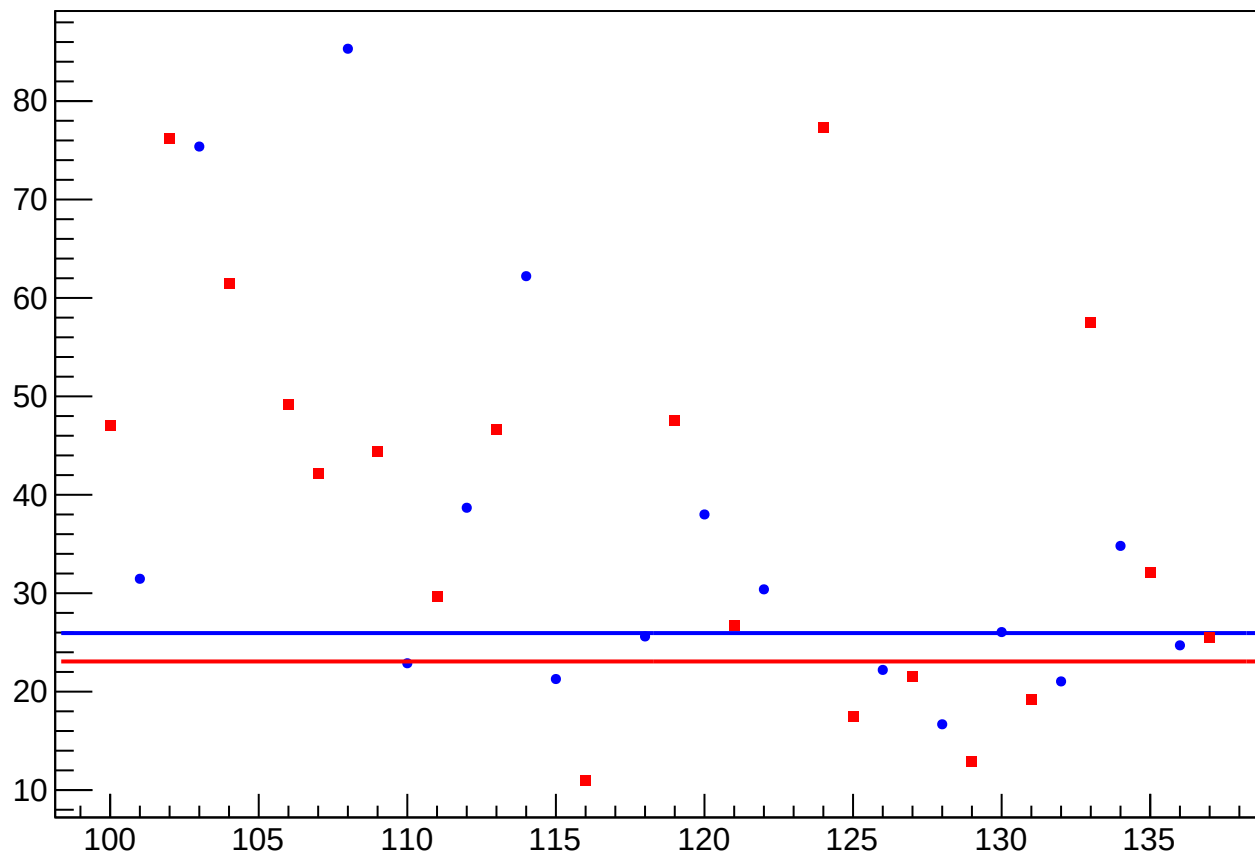
Right: -0.009 ± 0.008 χ^2/NDF : 26.4/34

In: 0.007 ± 0.011 χ^2/NDF : 15.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.008 χ^2/NDF : 26.4/34

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.950+/-0.008 χ^2/NDF : 1381591.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.066+/-0.007 χ^2/NDF : 3360688.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

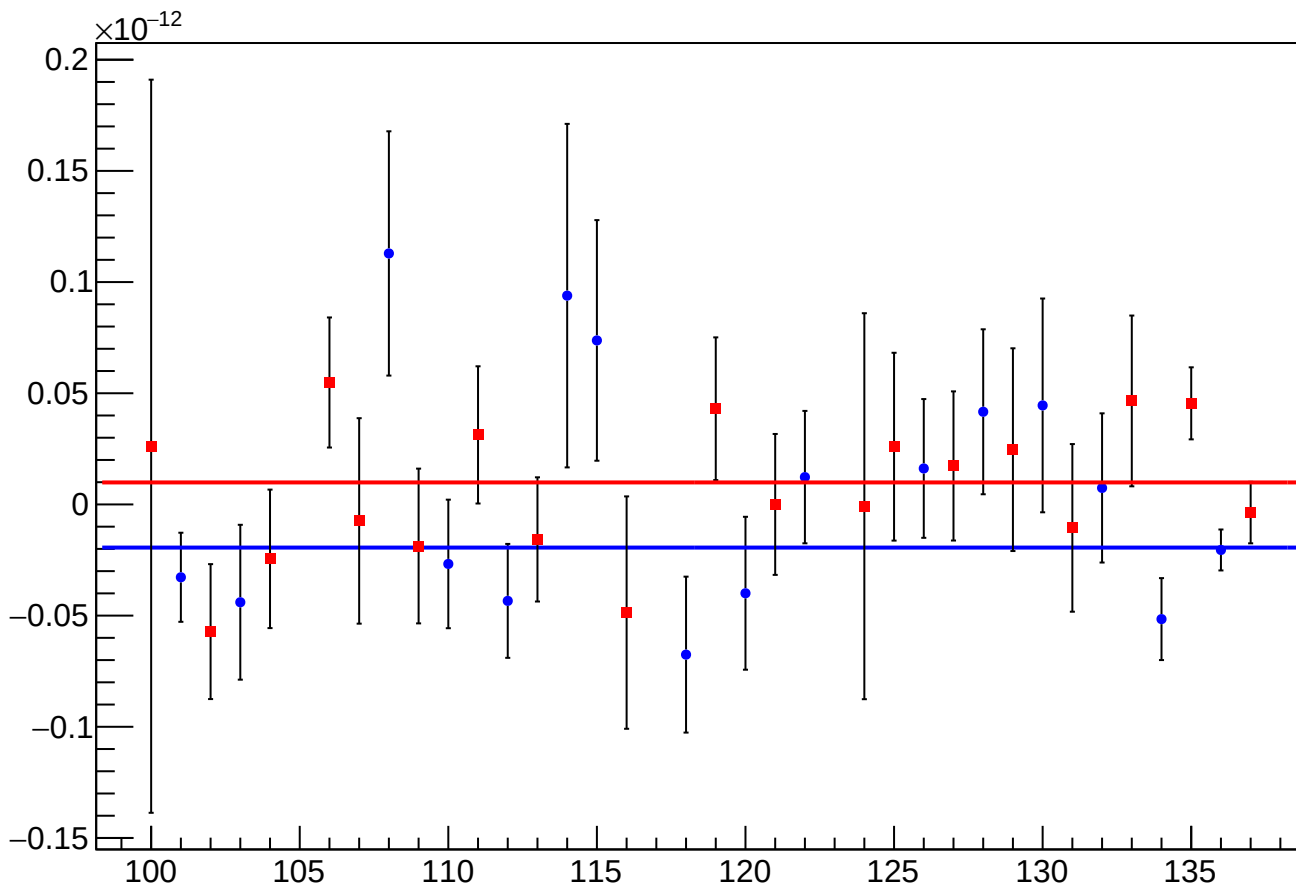
Right: 24.428+/-0.005 χ^2/NDF : 4813518.6/34

In: 25.950+/-0.008 χ^2/NDF : 1381591.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.428+/-0.005 χ^2/NDF : 4813518.6/34

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 25.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

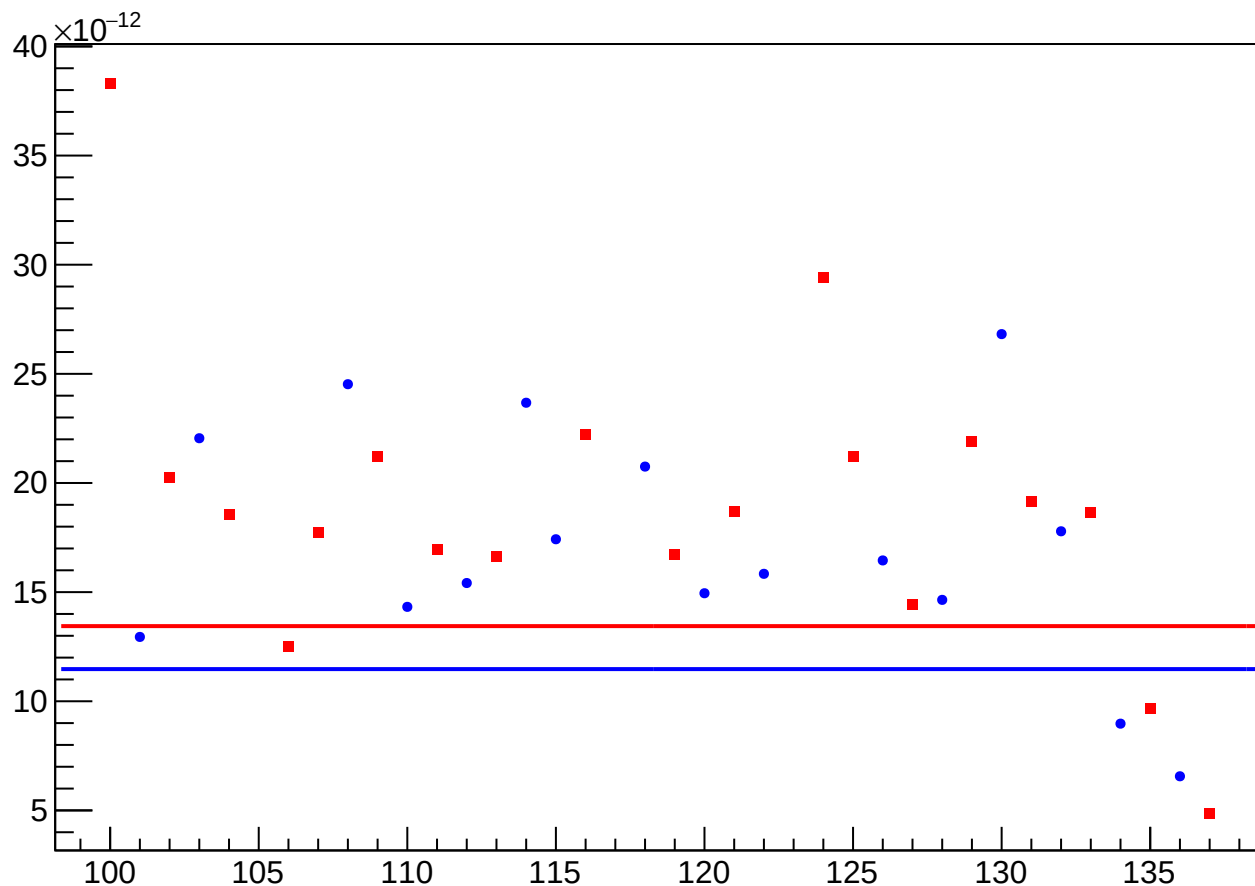
Right: -0.000+/-0.000 χ^2/NDF : 56.4/34

In: -0.000+/-0.000 χ^2/NDF : 25.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 56.4/34

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1598593.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1672848.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

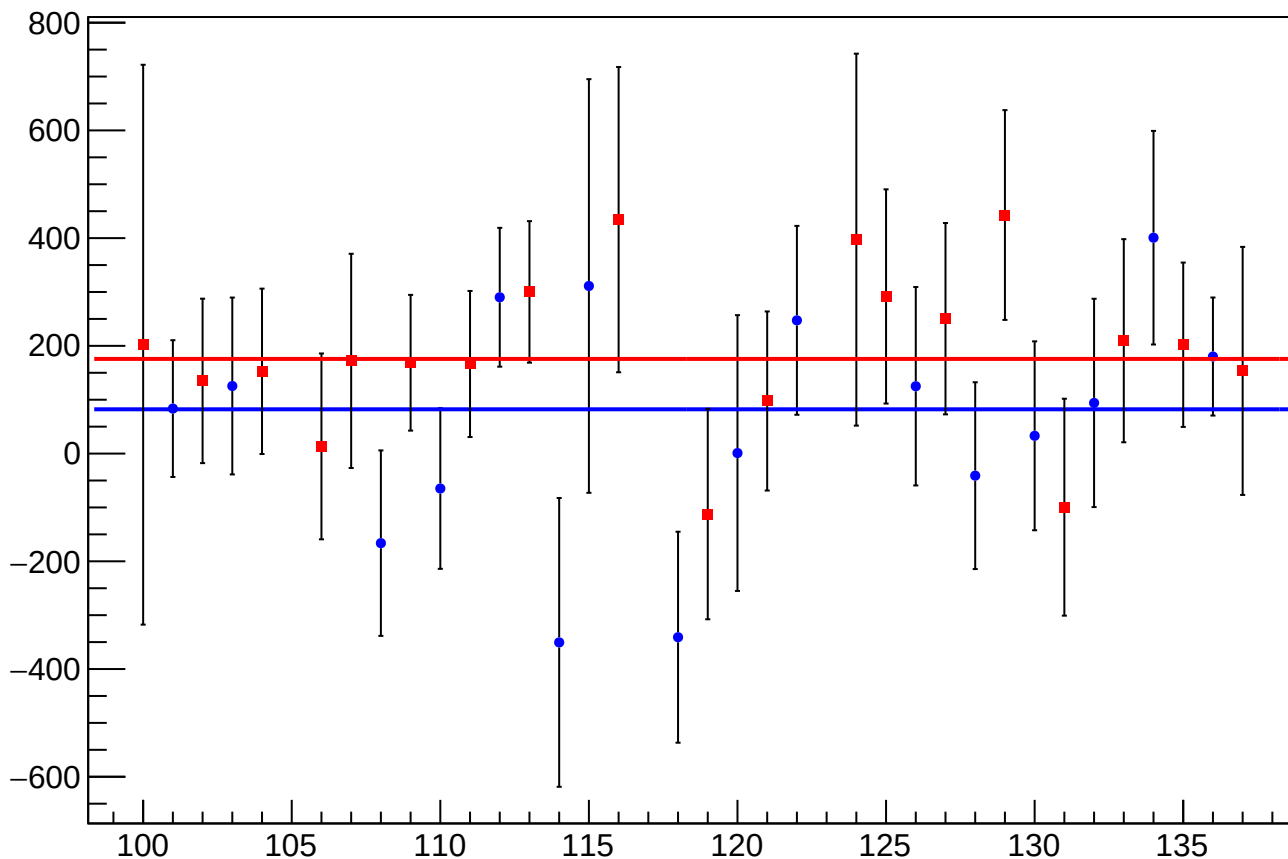
Right: 0.000+/-0.000 χ^2/NDF : 3365640.7/34

In: 0.000+/-0.000 χ^2/NDF :1598593.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3365640.7/34

reg_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 82.196+/-42.133 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.732+/-40.673 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

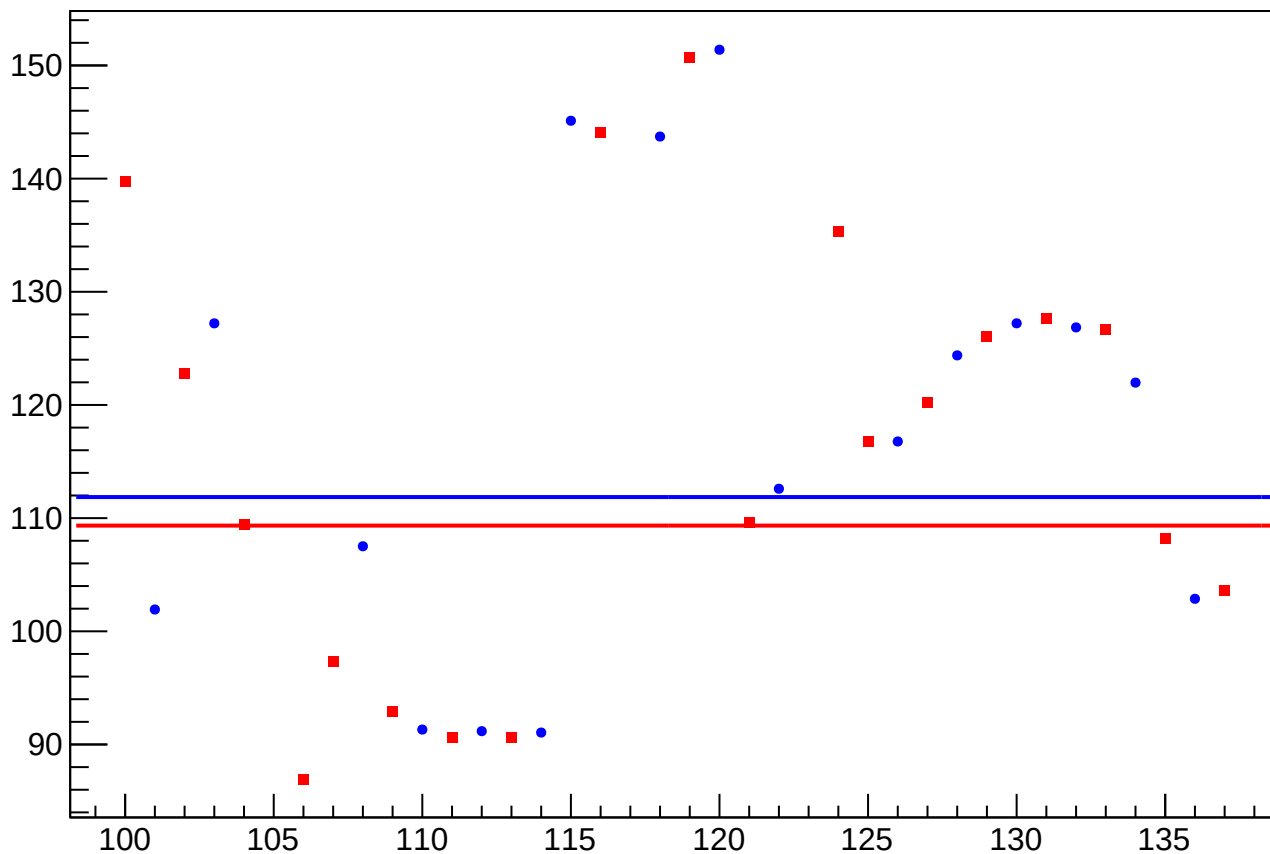
Right: 130.613+/-29.263 χ^2/NDF : 30.8/34

In: 82.196+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.613+/-29.263 χ^2/NDF : 30.8/34

reg_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.862 ± 0.030 χ^2/NDF : 306023.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 109.340 ± 0.029 χ^2/NDF : 367219.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

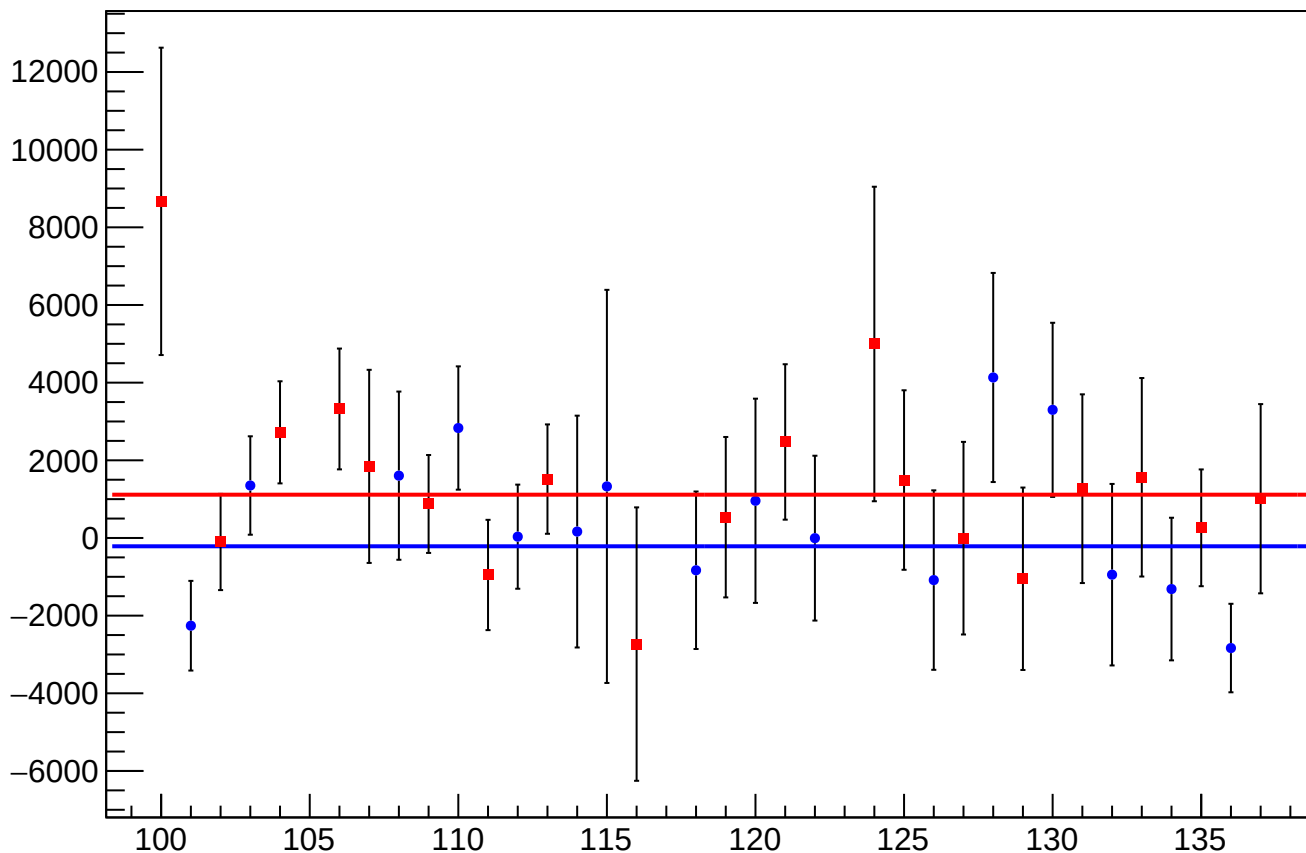
Right: 110.557 ± 0.021 χ^2/NDF : 676952.3/34

In: 111.862 ± 0.030 χ^2/NDF : 306023.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 110.557 ± 0.021 χ^2/NDF : 676952.3/34

asym_sam_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -214.187 ± 443.962 χ^2/NDF : 20.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1114.700 ± 423.039 χ^2/NDF : 14.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

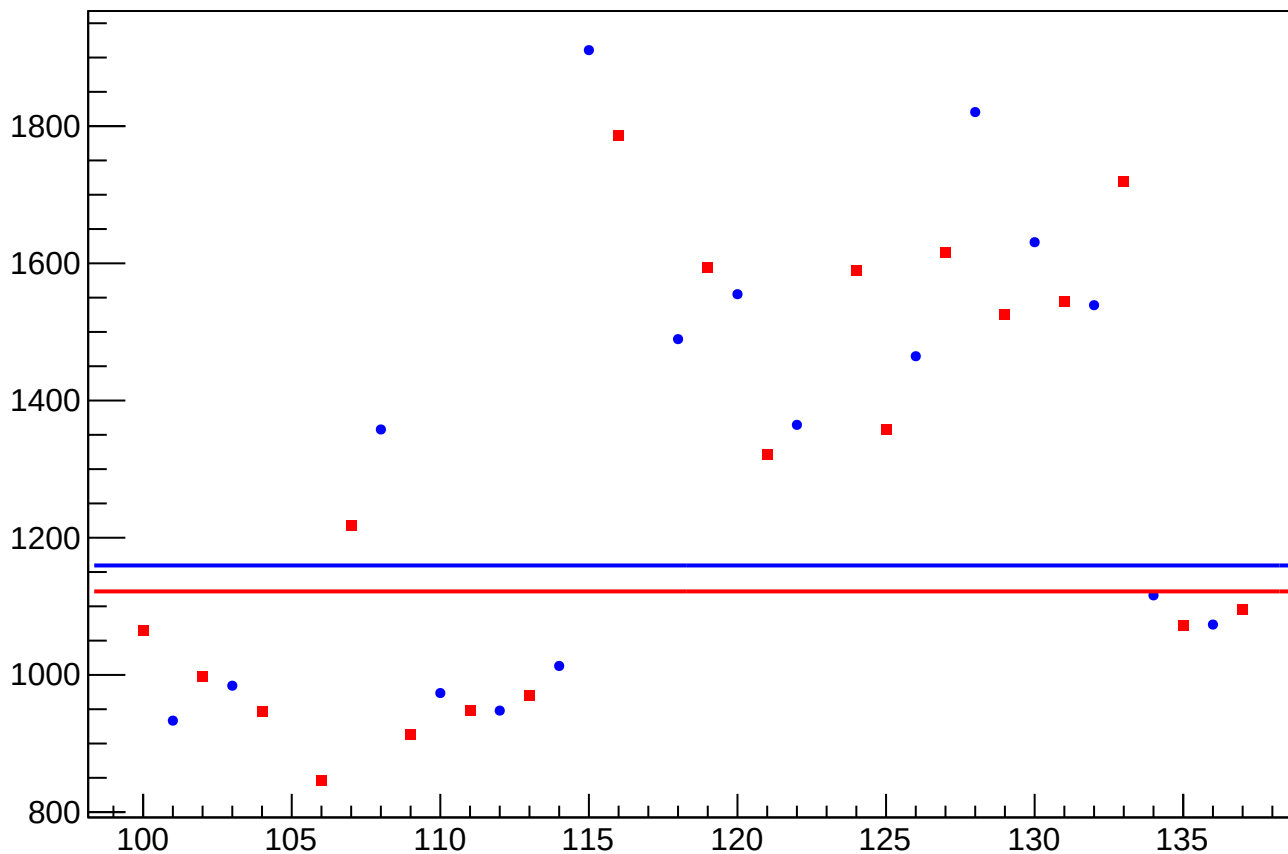
Right: 482.307 ± 306.263 χ^2/NDF : 39.7/34

In: -214.187 ± 443.962 χ^2/NDF : 20.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 482.307 ± 306.263 χ^2/NDF : 39.7/34

asym_sam_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1159.567+/-0.314 χ^2/NDF : 683693.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1121.752+/-0.299 χ^2/NDF : 782273.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

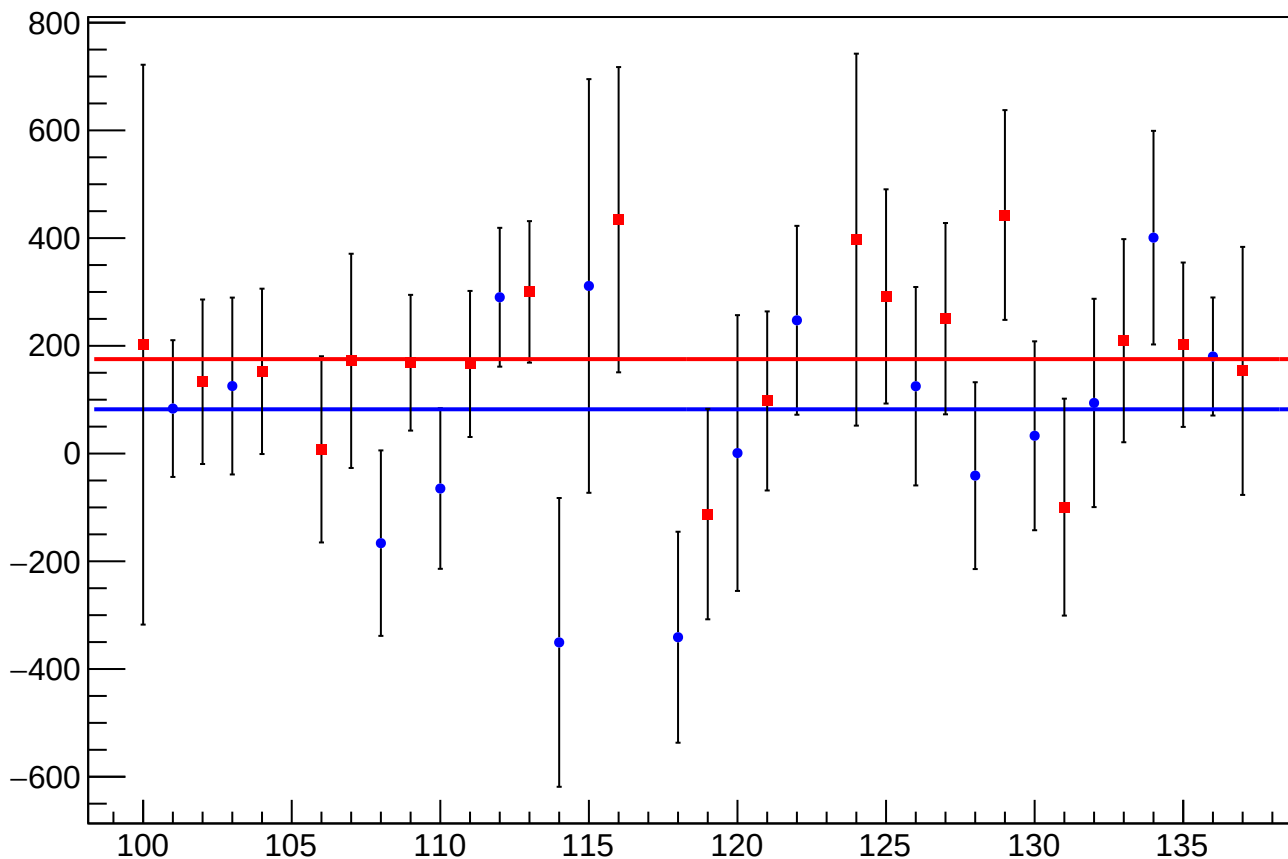
Right: 1139.747+/-0.217 χ^2/NDF : 1473571.5/34

In: 1159.567+/-0.314 χ^2/NDF : 683693.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1139.747+/-0.217 χ^2/NDF : 1473571.5/34

cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.338+/-40.678 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

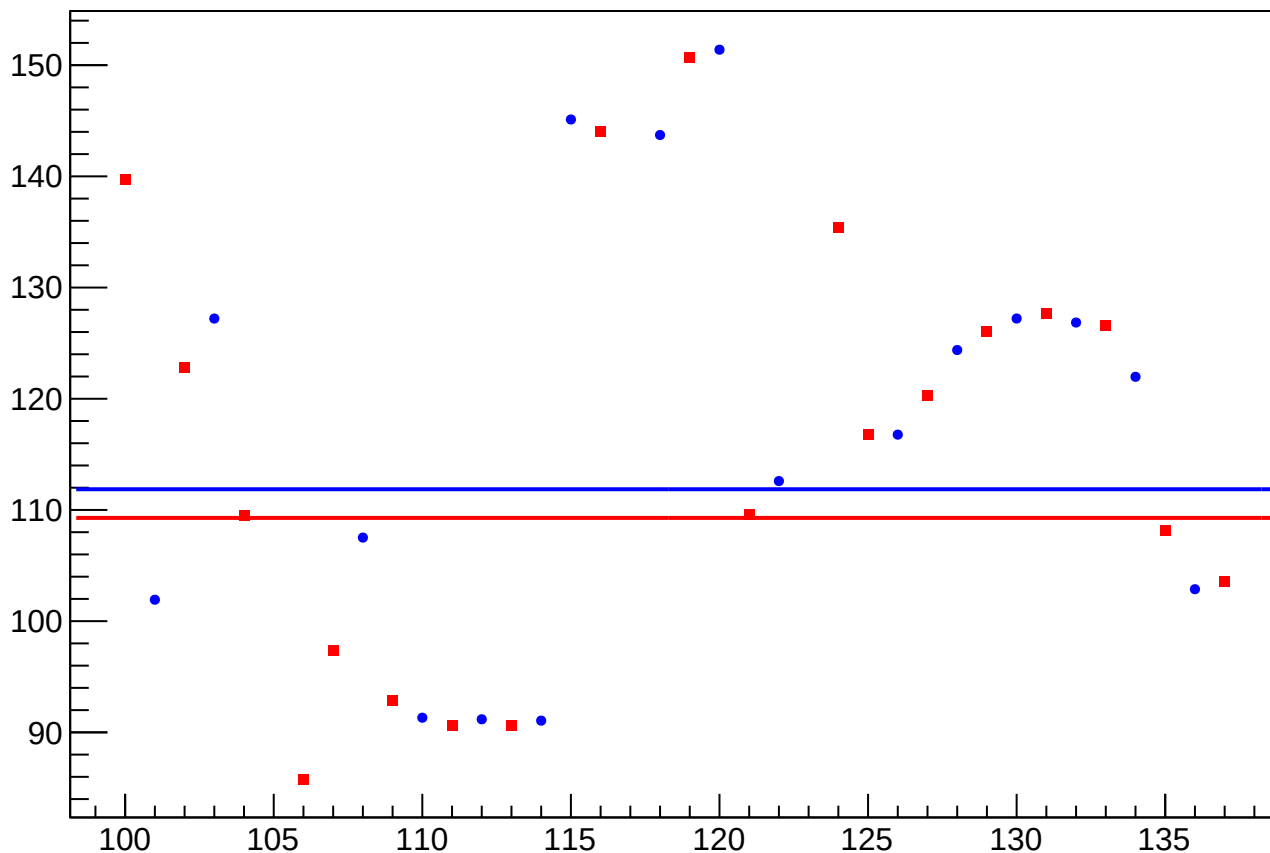
Right: 130.398+/-29.265 χ^2/NDF : 30.8/34

In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.398+/-29.265 χ^2/NDF : 30.8/34

cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.862 $\pm$ 0.030 χ^2 /NDF: 306025.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.284 $\pm$ 0.029 χ^2 /NDF: 370711.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

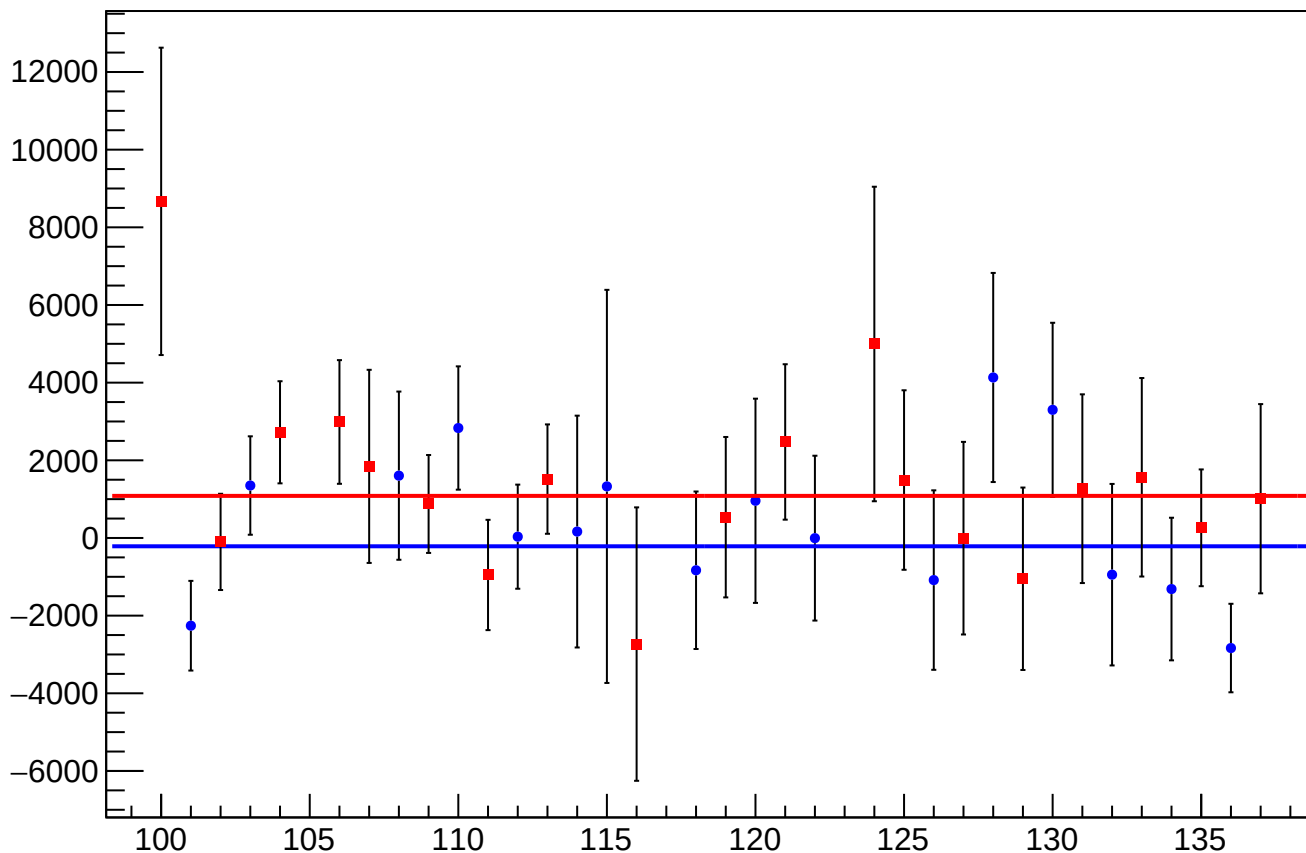
Right: 110.528 $\pm$ 0.021 χ^2 /NDF: 680611.7/34

In: 111.862 $\pm$ 0.030 χ^2 /NDF:306025.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 110.528 $\pm$ 0.021 χ^2 /NDF: 680611.7/34

asym_sam_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.943+/-423.774 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

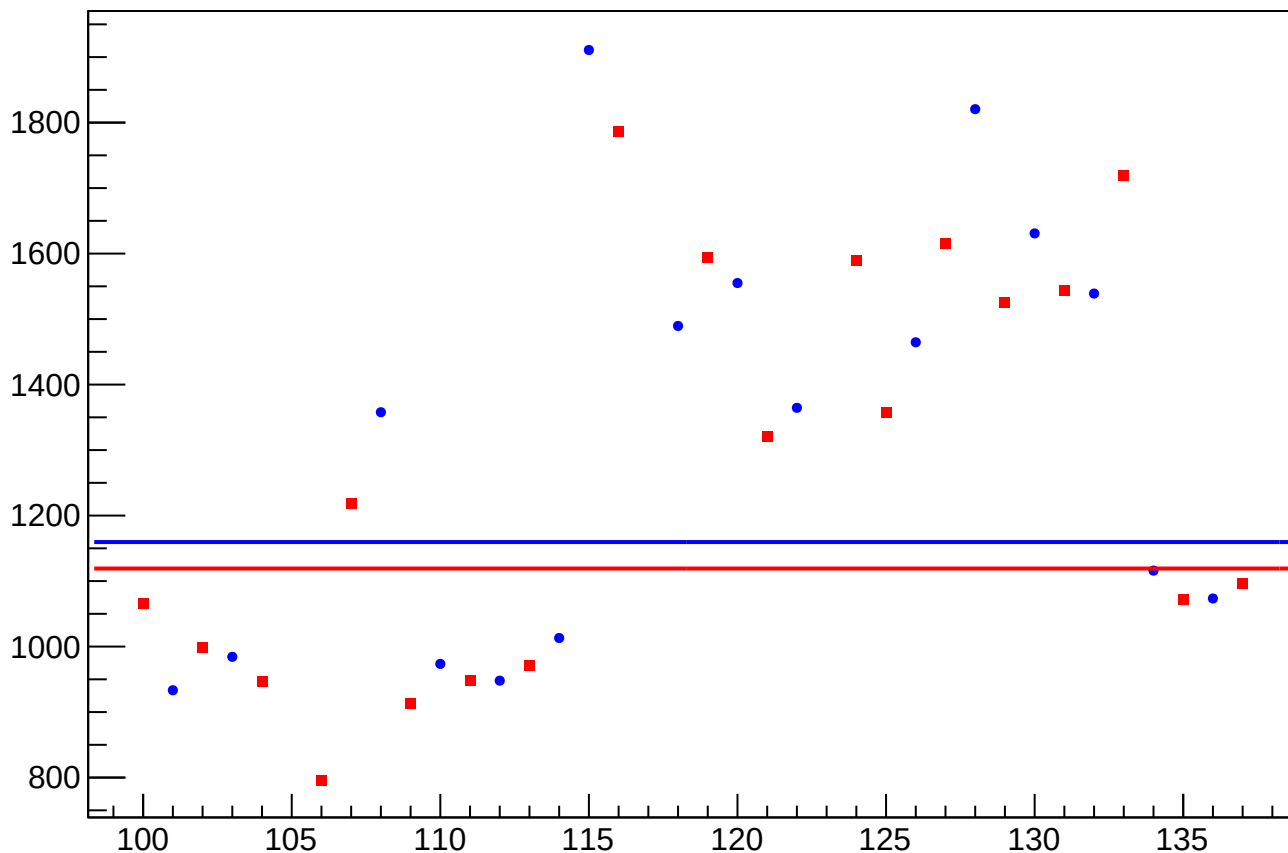
Right: 465.023+/-306.543 χ^2/NDF : 38.8/34

In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.023+/-306.543 χ^2/NDF : 38.8/34

asym_sam_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.576+/-0.314 χ^2/NDF : 683662.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.156+/-0.300 χ^2/NDF : 803154.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

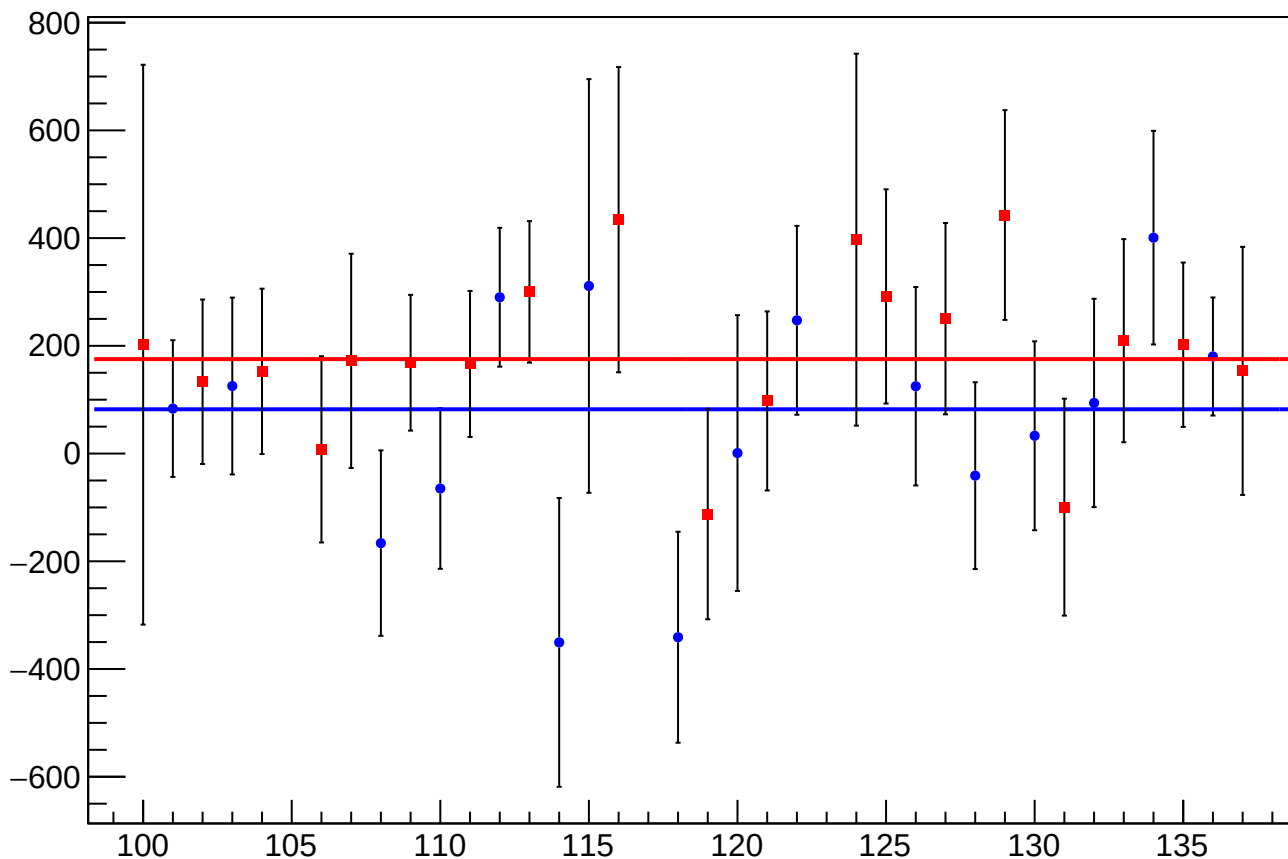
Right: 1138.426+/-0.217 χ^2/NDF : 1495491.5/34

In: 1159.576+/-0.314 χ^2/NDF : 683662.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.426+/-0.217 χ^2/NDF : 1495491.5/34

eigen_cor_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 175.338+/-40.678 χ^2/NDF : 9.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

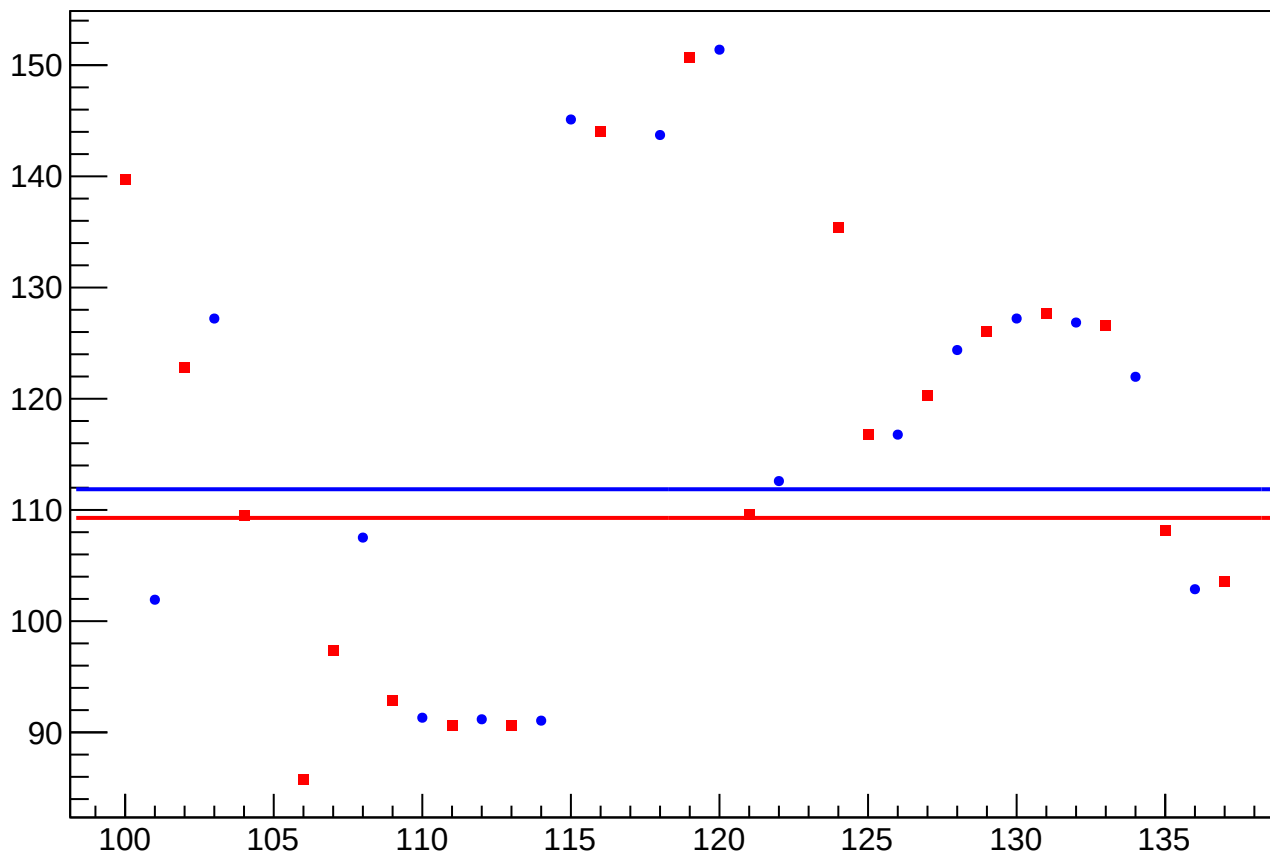
Right: 130.398+/-29.265 χ^2/NDF : 30.8/34

In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.398+/-29.265 χ^2/NDF : 30.8/34

eigen_cor_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 111.862+/-0.030 χ^2/NDF : 306025.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 109.284+/-0.029 χ^2/NDF : 370711.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

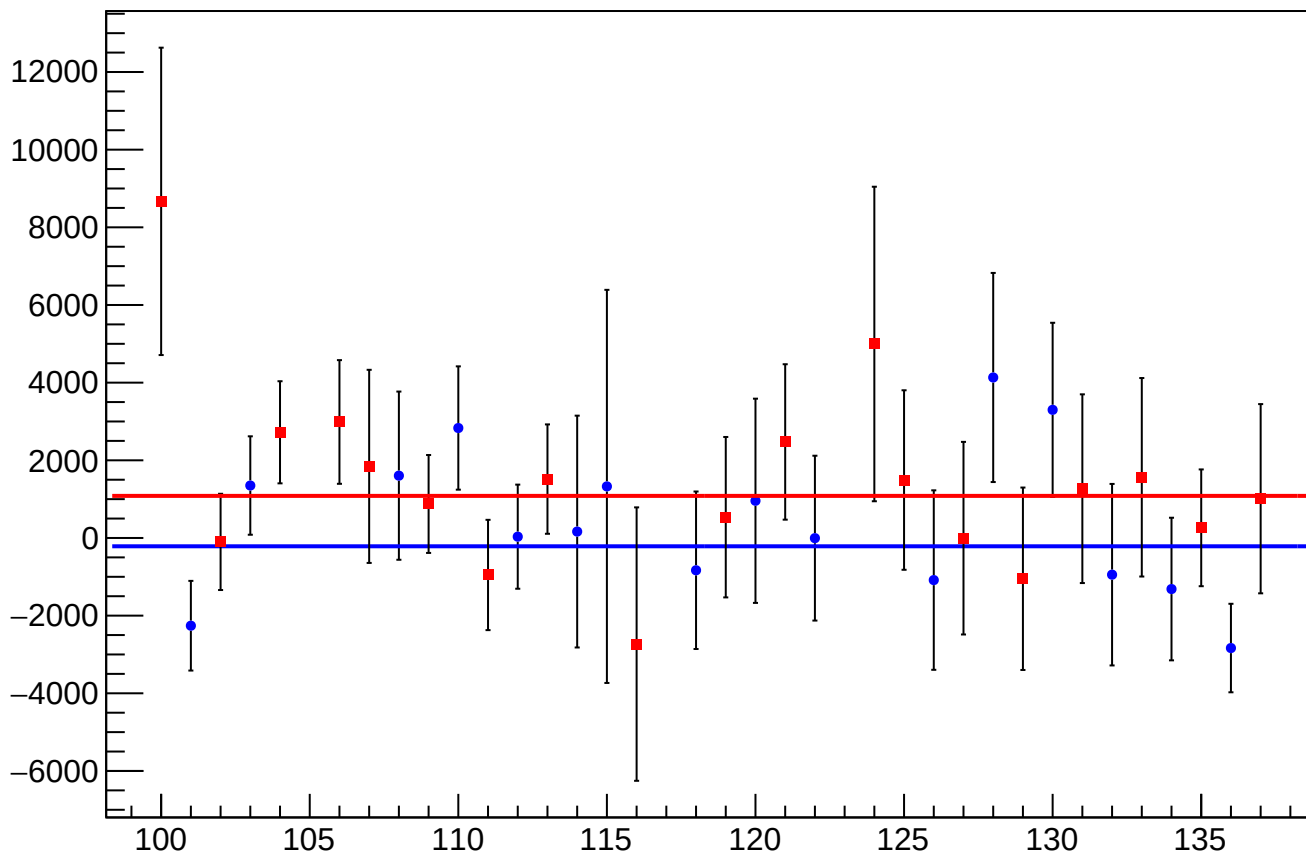
Right: 110.528+/-0.021 χ^2/NDF : 680611.7/34

In: 111.862+/-0.030 χ^2/NDF :306025.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.528+/-0.021 χ^2/NDF : 680611.7/34

asym_sam_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1083.943+/-423.774 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

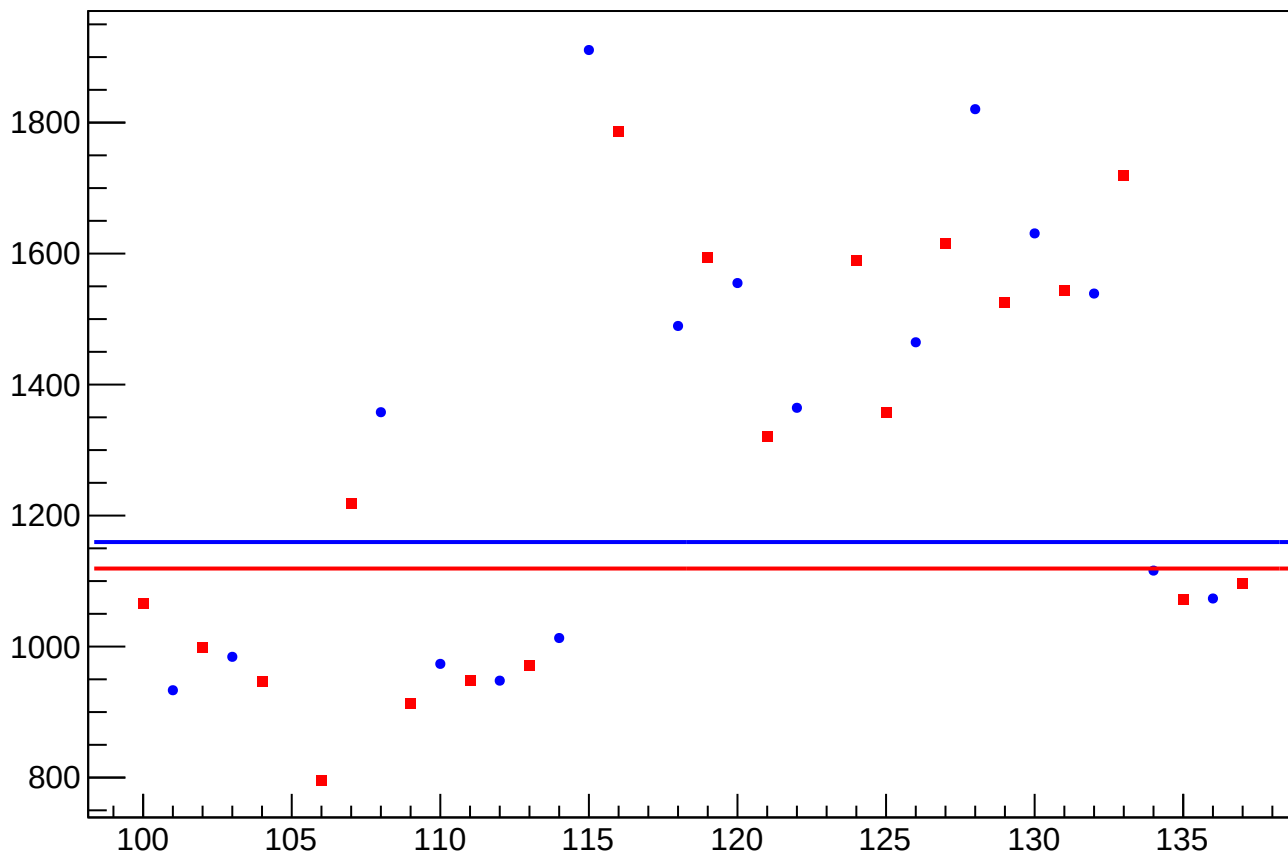
Right: 465.023+/-306.543 χ^2/NDF : 38.8/34

In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.023+/-306.543 χ^2/NDF : 38.8/34

asym_sam_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1159.576+/-0.314 χ^2/NDF : 683662.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.156+/-0.300 χ^2/NDF : 803154.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

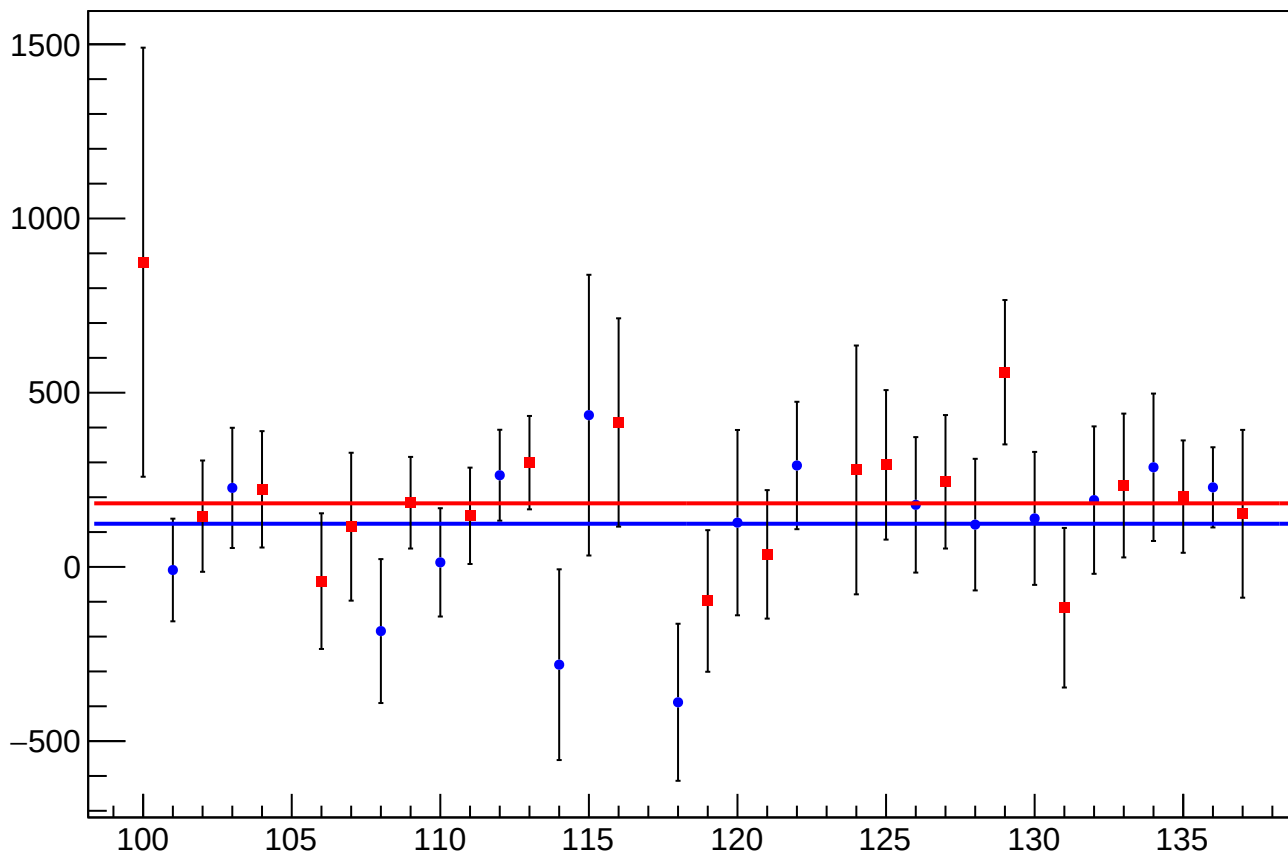
Right: 1138.426+/-0.217 χ^2/NDF : 1495491.5/34

In: 1159.576+/-0.314 χ^2/NDF : 683662.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1138.426+/-0.217 χ^2/NDF : 1495491.5/34

dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 123.892 $\pm$ 45.238 χ^2 /NDF: 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 182.467 $\pm$ 43.224 χ^2 /NDF: 12.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

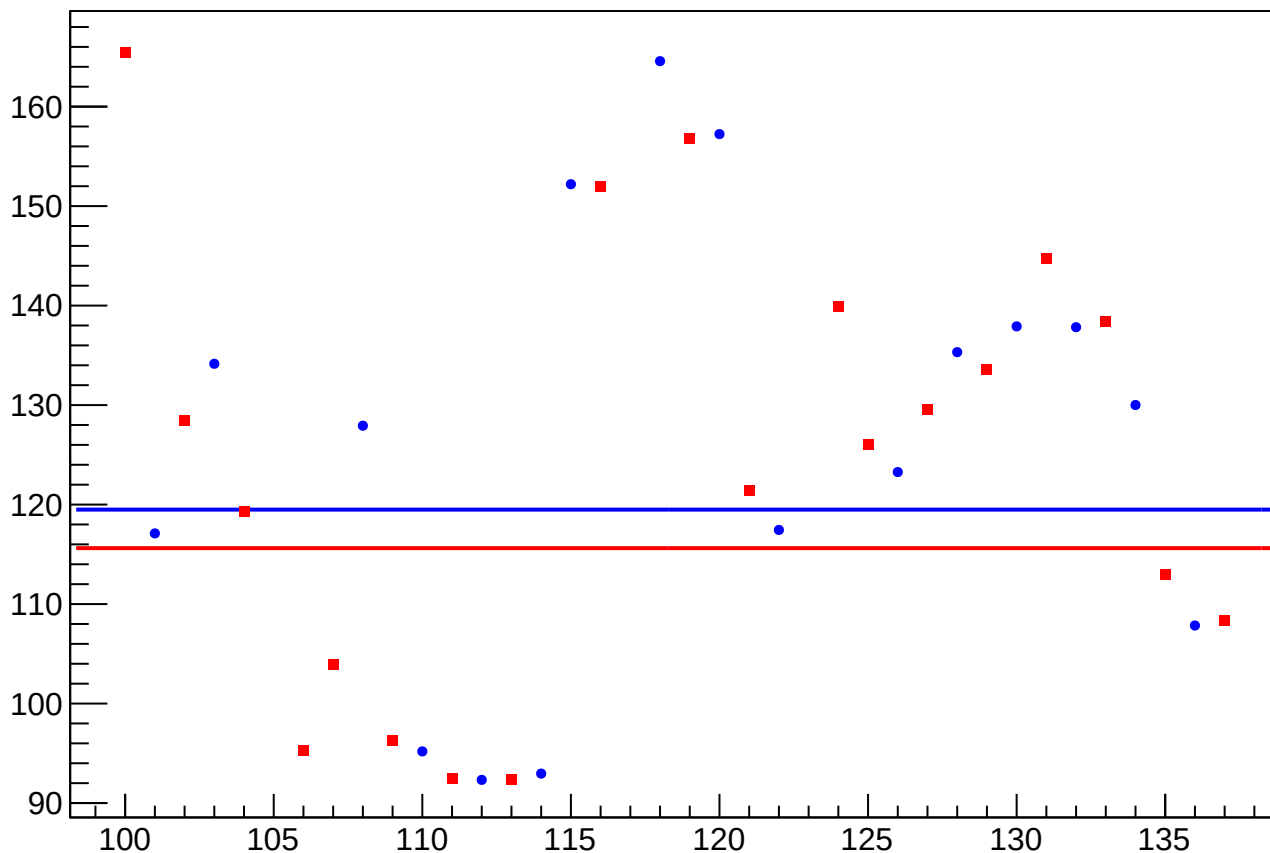
Right: 154.513 $\pm$ 31.252 χ^2 /NDF: 28.6/34

In: 123.892 $\pm$ 45.238 χ^2 /NDF:15.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.513 $\pm$ 31.252 χ^2 /NDF: 28.6/34

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.495 $\pm$ 0.032 χ^2 /NDF: 380250.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.622 $\pm$ 0.031 χ^2 /NDF: 426961.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

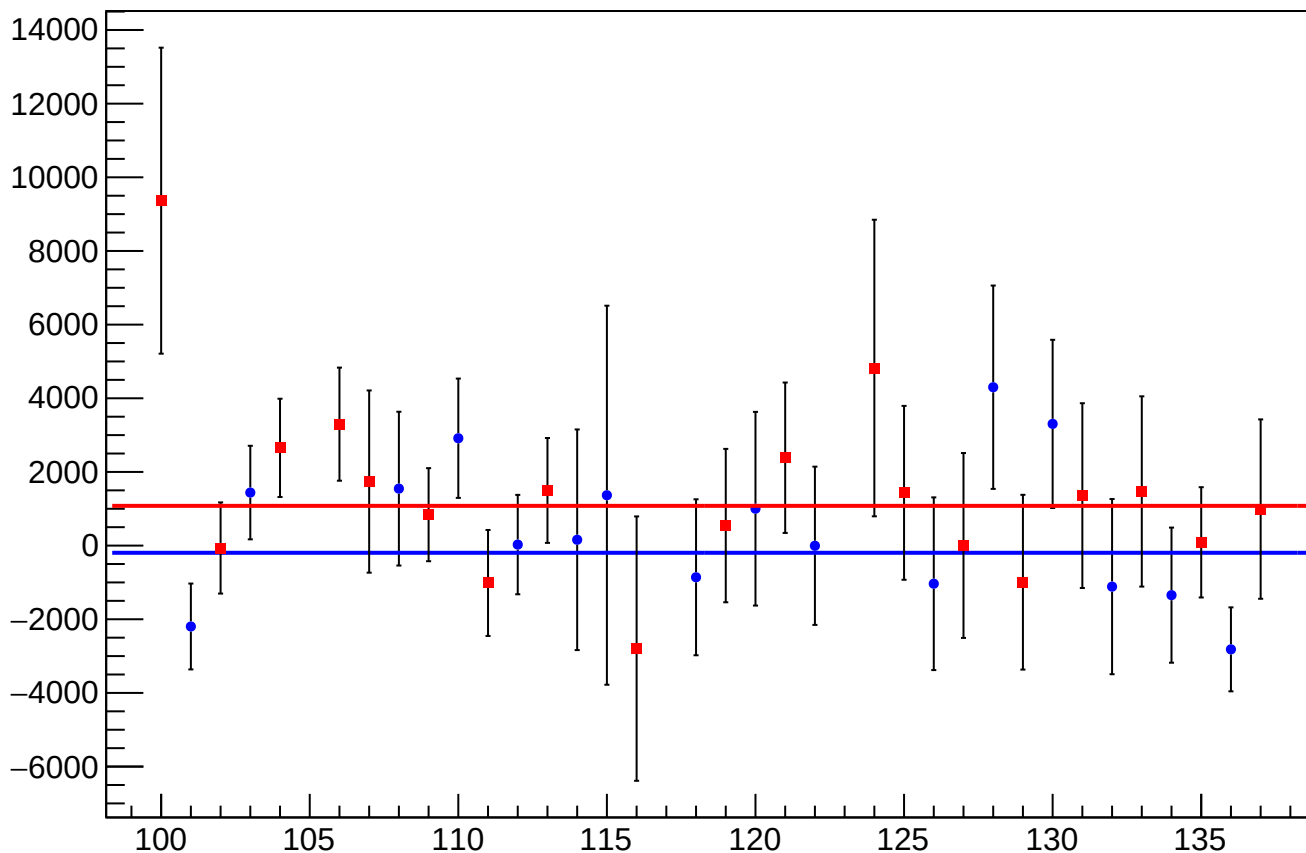
Right: 117.470 $\pm$ 0.022 χ^2 /NDF: 814875.1/34

In: 119.495 $\pm$ 0.032 χ^2 /NDF:380250.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 117.470 $\pm$ 0.022 χ^2 /NDF: 814875.1/34

asym_sam_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -195.086+/-447.334 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.393+/-425.950 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

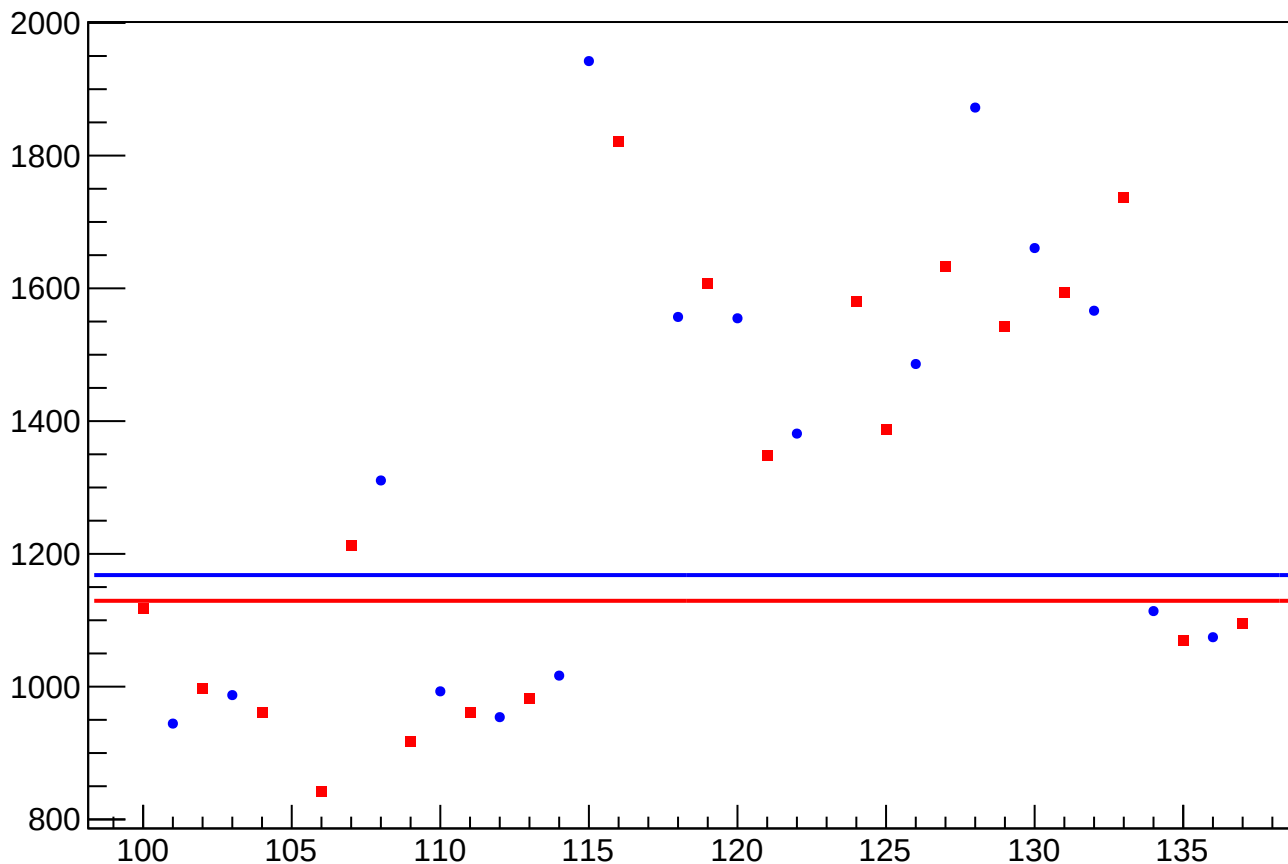
Right: 473.342+/-308.475 χ^2/NDF : 39.2/34

In: -195.086+/-447.334 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.342+/-308.475 χ^2/NDF : 39.2/34

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.063+/-0.316 χ^2/NDF : 709363.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.316+/-0.301 χ^2/NDF : 807222.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

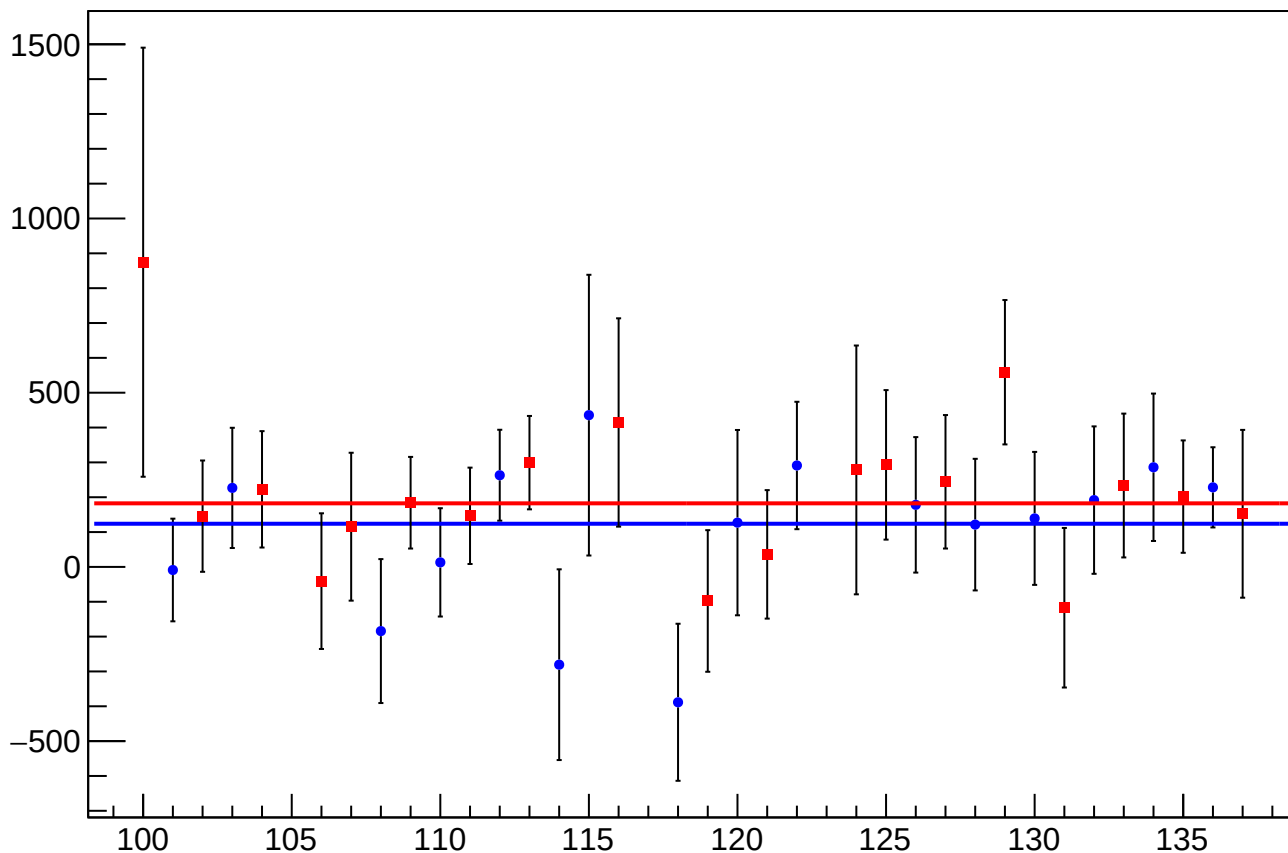
Right: 1147.741+/-0.218 χ^2/NDF : 1524455.8/34

In: 1168.063+/-0.316 χ^2/NDF : 709363.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.741+/-0.218 χ^2/NDF : 1524455.8/34

eigen_dit_asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 123.895 $\pm$ 45.238 χ^2 /NDF: 15.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 182.468 $\pm$ 43.224 χ^2 /NDF: 12.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

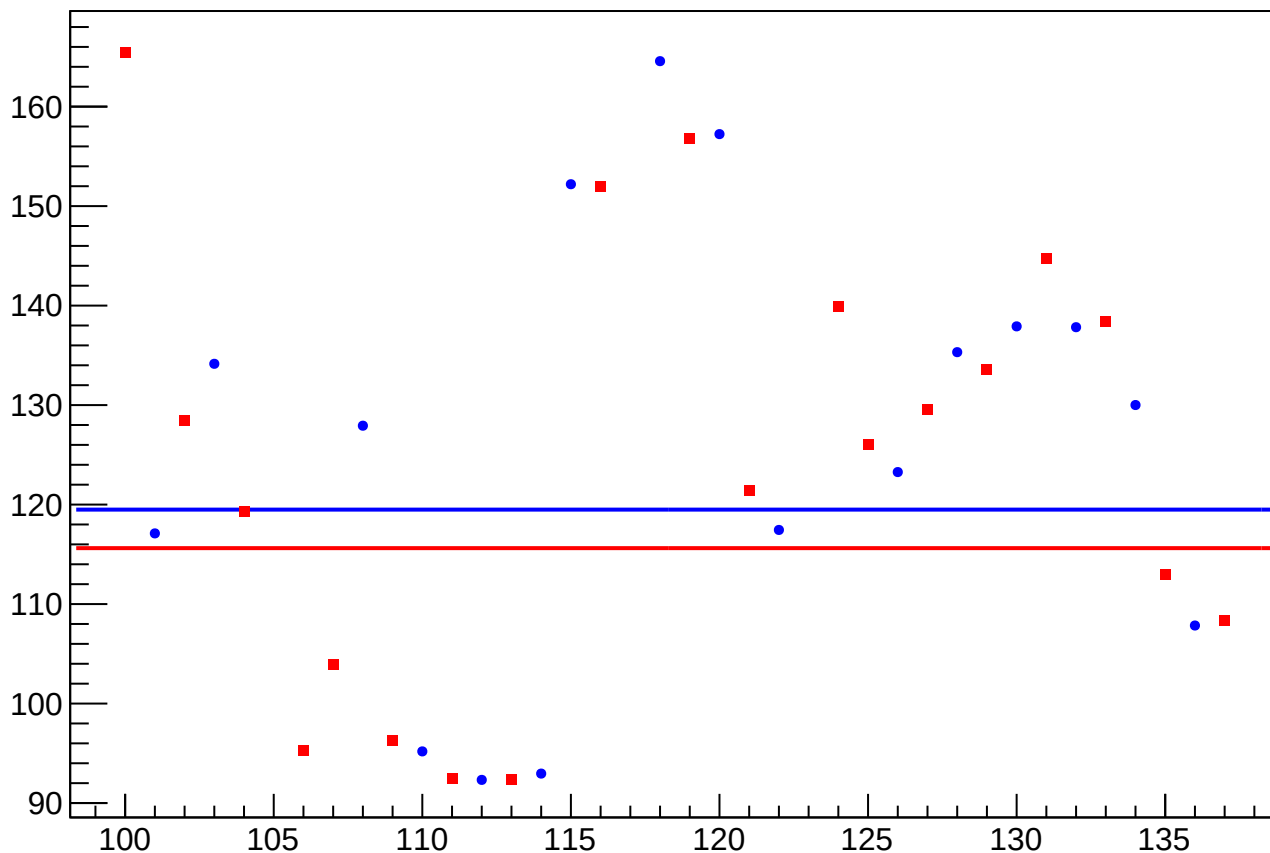
Right: 154.514 $\pm$ 31.252 χ^2 /NDF: 28.6/34

In: 123.895 $\pm$ 45.238 χ^2 /NDF:15.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.514 $\pm$ 31.252 χ^2 /NDF: 28.6/34

eigen_dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.495+/-0.032 χ^2/NDF : 380254.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.622+/-0.031 χ^2/NDF : 426966.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

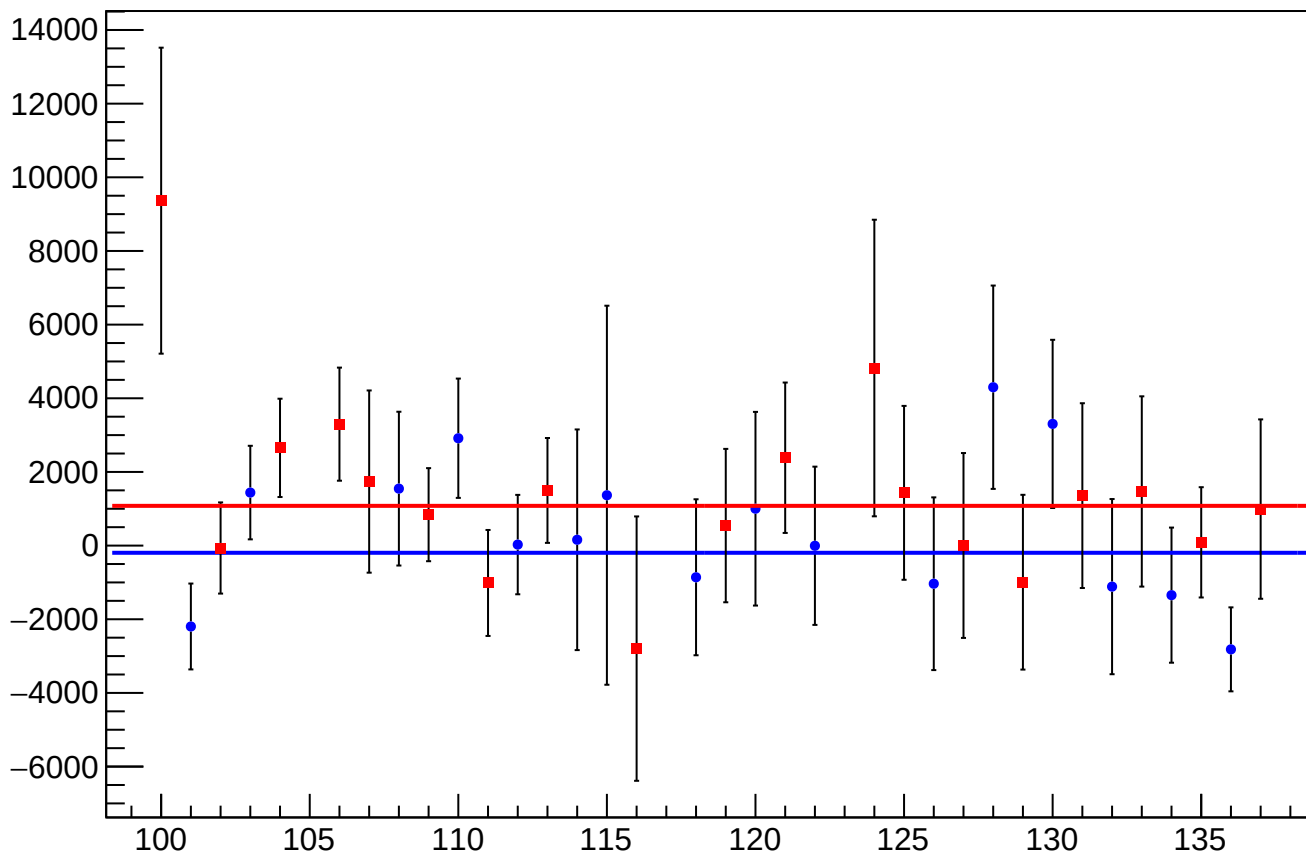
Right: 117.470+/-0.022 χ^2/NDF : 814883.4/34

In: 119.495+/-0.032 χ^2/NDF : 380254.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.470+/-0.022 χ^2/NDF : 814883.4/34

asym_sam_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -195.085+/-447.334 χ^2/NDF : 20.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.393+/-425.950 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

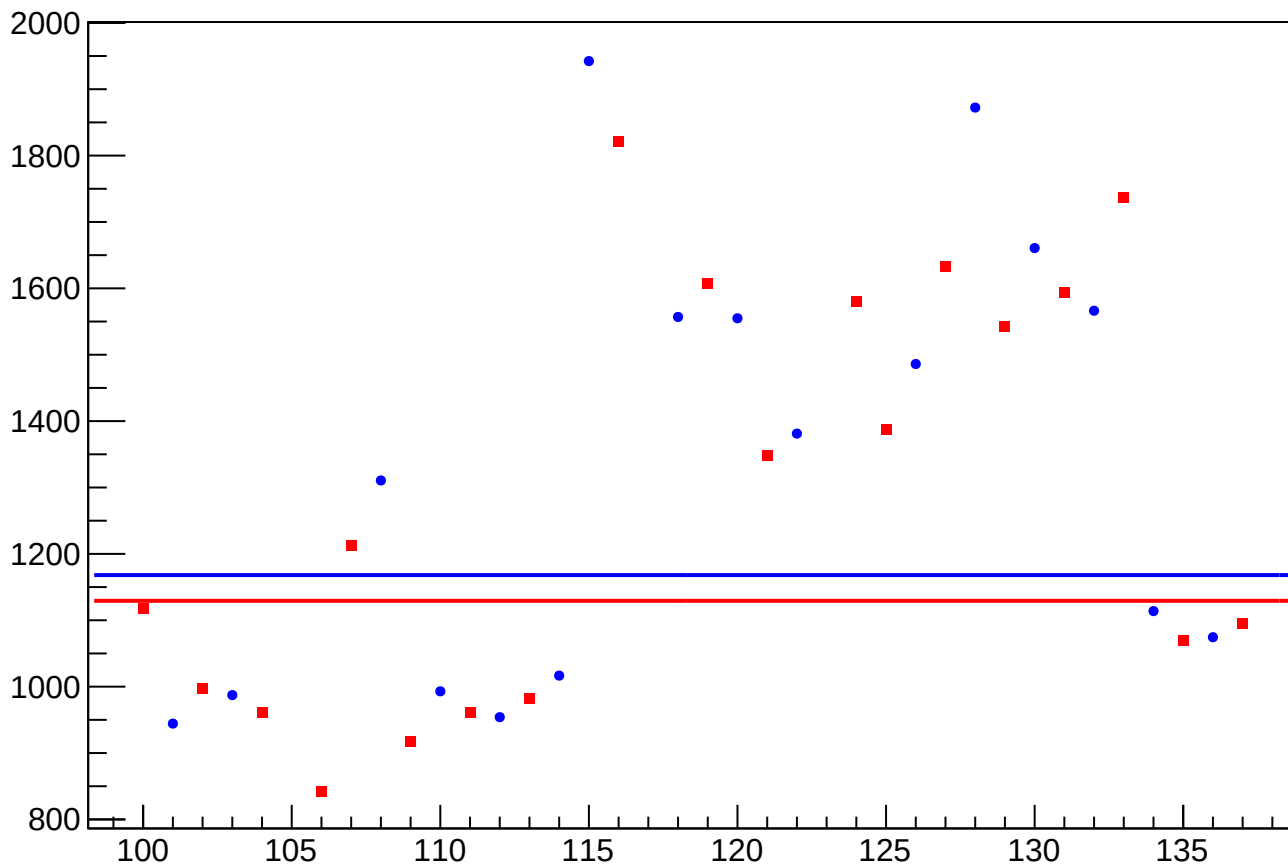
Right: 473.342+/-308.475 χ^2/NDF : 39.2/34

In: -195.085+/-447.334 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.342+/-308.475 χ^2/NDF : 39.2/34

asym_sam_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.063+/-0.316 χ^2/NDF : 709365.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1129.316+/-0.301 χ^2/NDF : 807224.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

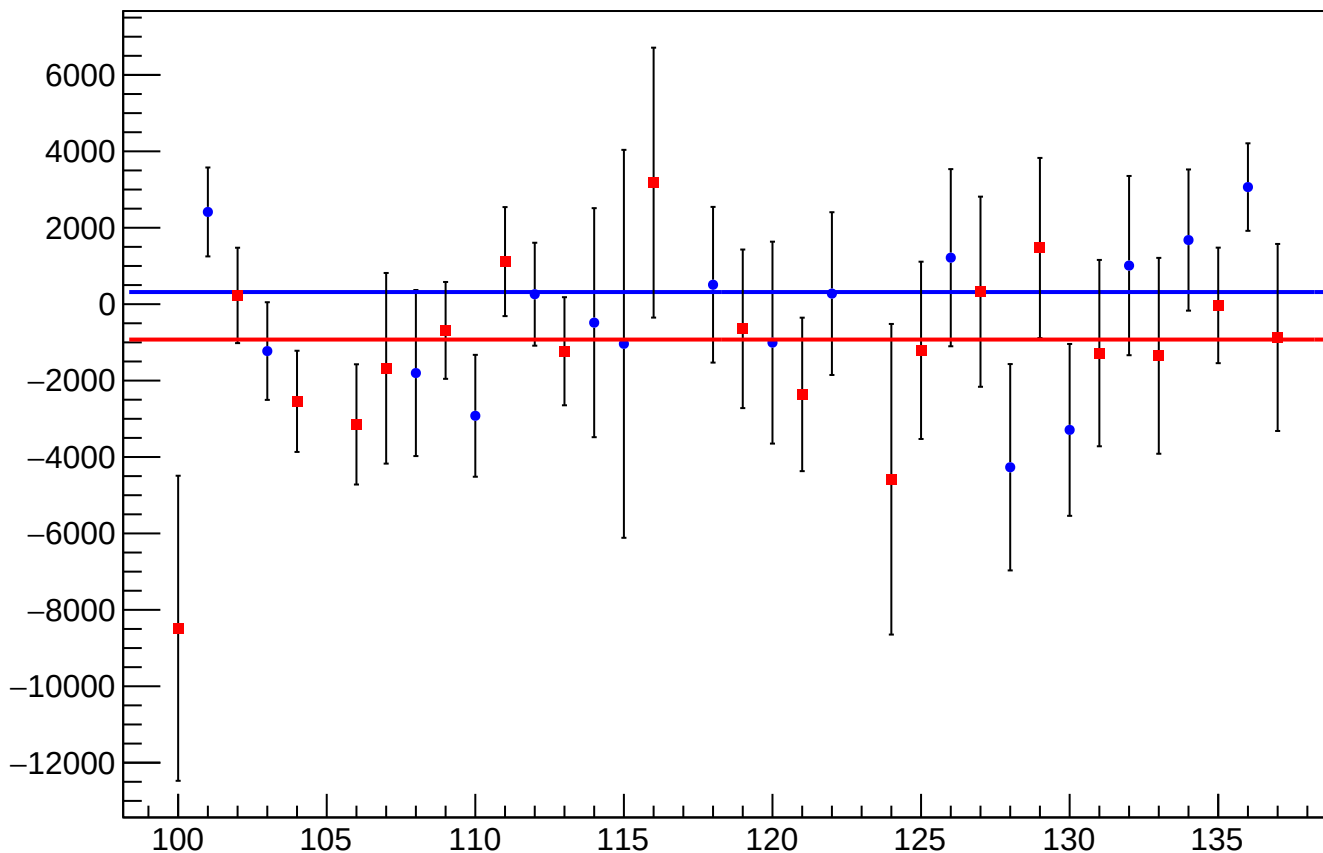
Right: 1147.741+/-0.218 χ^2/NDF : 1524459.2/34

In: 1168.063+/-0.316 χ^2/NDF : 709365.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1147.741+/-0.218 χ^2/NDF : 1524459.2/34

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 317.365+/-446.341 χ^2/NDF : 22.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -926.036+/-425.405 χ^2/NDF : 14.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

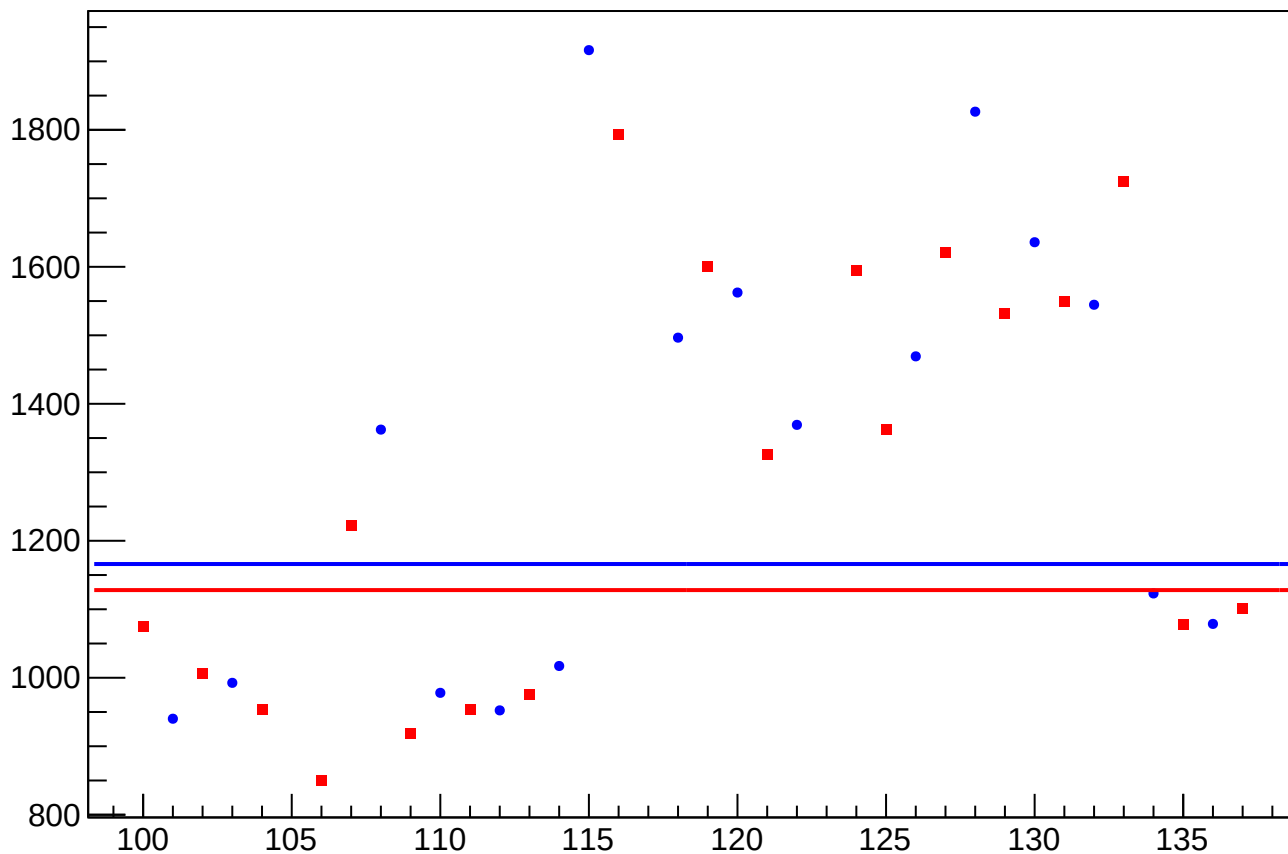
Right: -334.180+/-307.942 χ^2/NDF : 40.8/34

In: 317.365+/-446.341 χ^2/NDF : 22.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -334.180+/-307.942 χ^2/NDF : 40.8/34

asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 1166.056+/-0.316 χ^2/NDF : 677063.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1128.006+/-0.301 χ^2/NDF : 775766.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

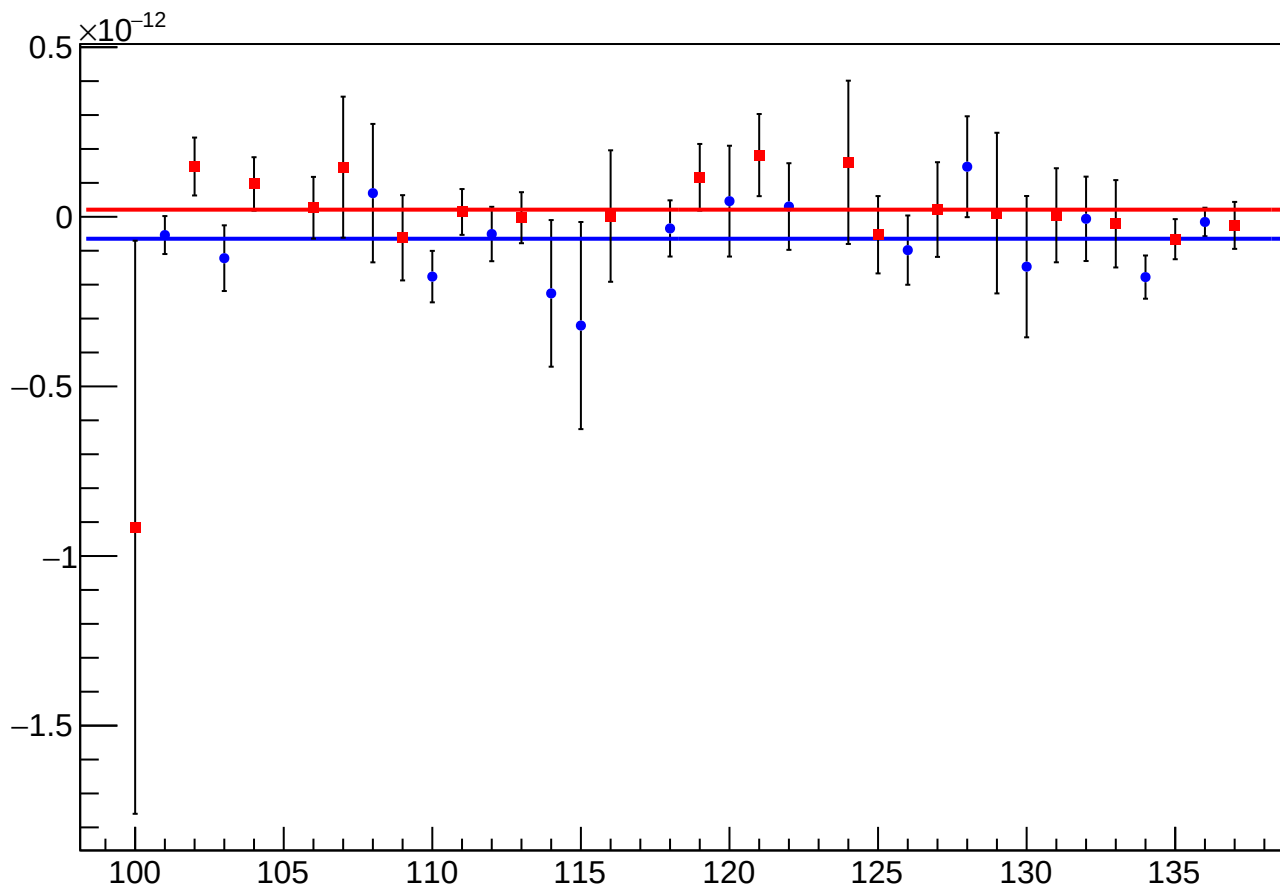
Right: 1146.118+/-0.218 χ^2/NDF : 1460446.1/34

In: 1166.056+/-0.316 χ^2/NDF : 677063.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.118+/-0.218 χ^2/NDF : 1460446.1/34

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 12.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

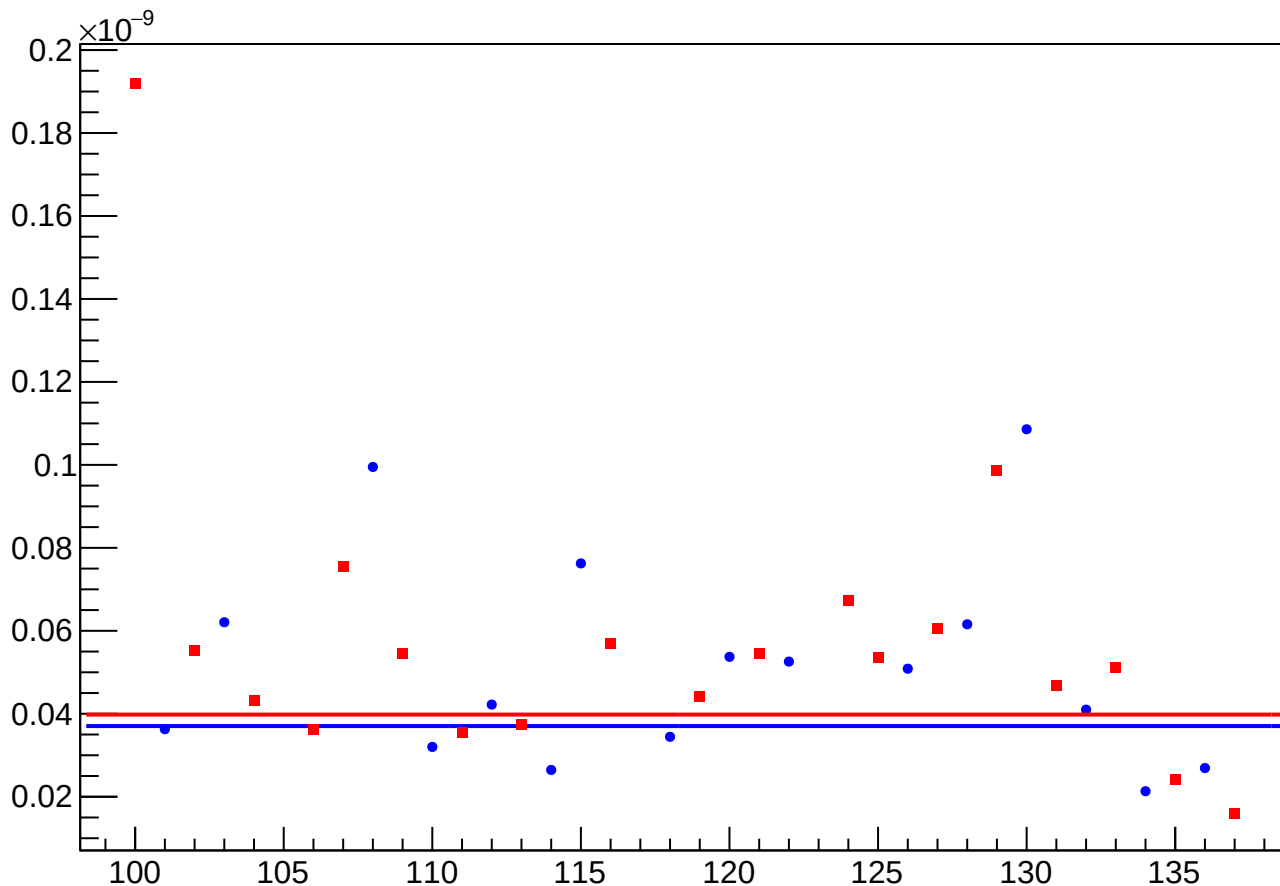
Right: -0.000+/-0.000 χ^2/NDF : 31.3/34

In: -0.000+/-0.000 χ^2/NDF : 12.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.3/34

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 995390.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 903728.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

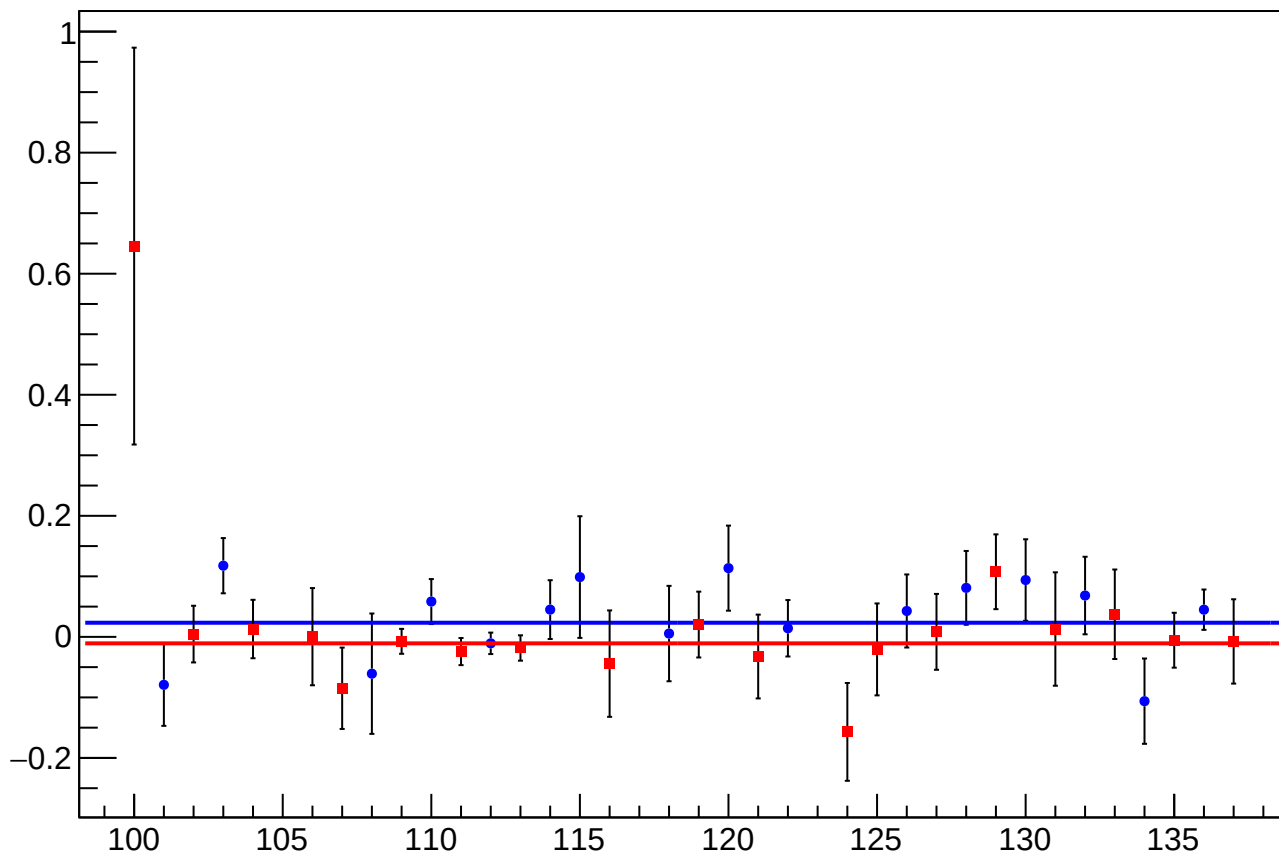
Right: 0.000+/-0.000 χ^2/NDF : 1914342.0/34

In: 0.000+/-0.000 χ^2/NDF : 995390.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1914342.0/34

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.011 χ^2/NDF : 20.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

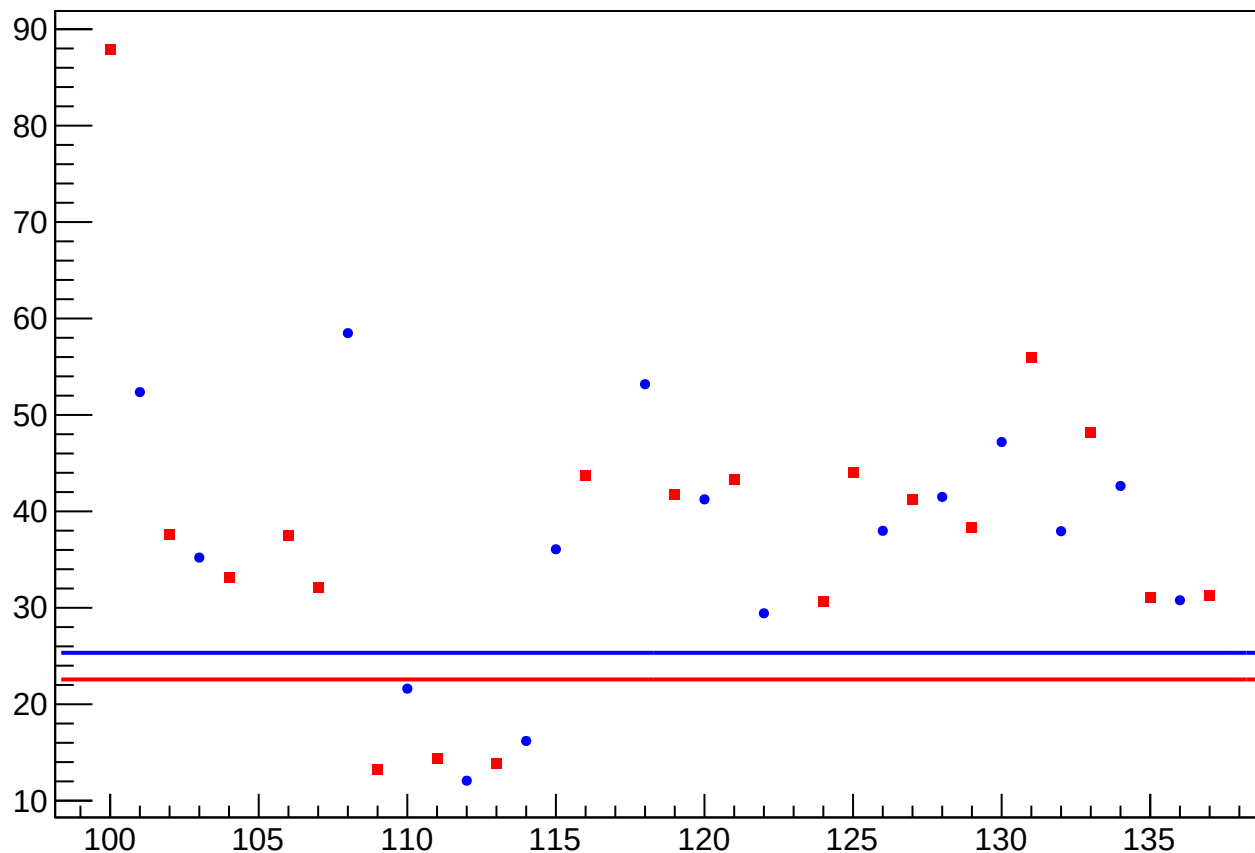
Right: 0.004+/-0.007 χ^2/NDF : 40.3/34

In: 0.023+/-0.011 χ^2/NDF :20.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.004+/-0.007 χ^2/NDF : 40.3/34

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.334+/-0.008 χ^2/NDF : 2925132.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.571+/-0.007 χ^2/NDF : 3139937.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

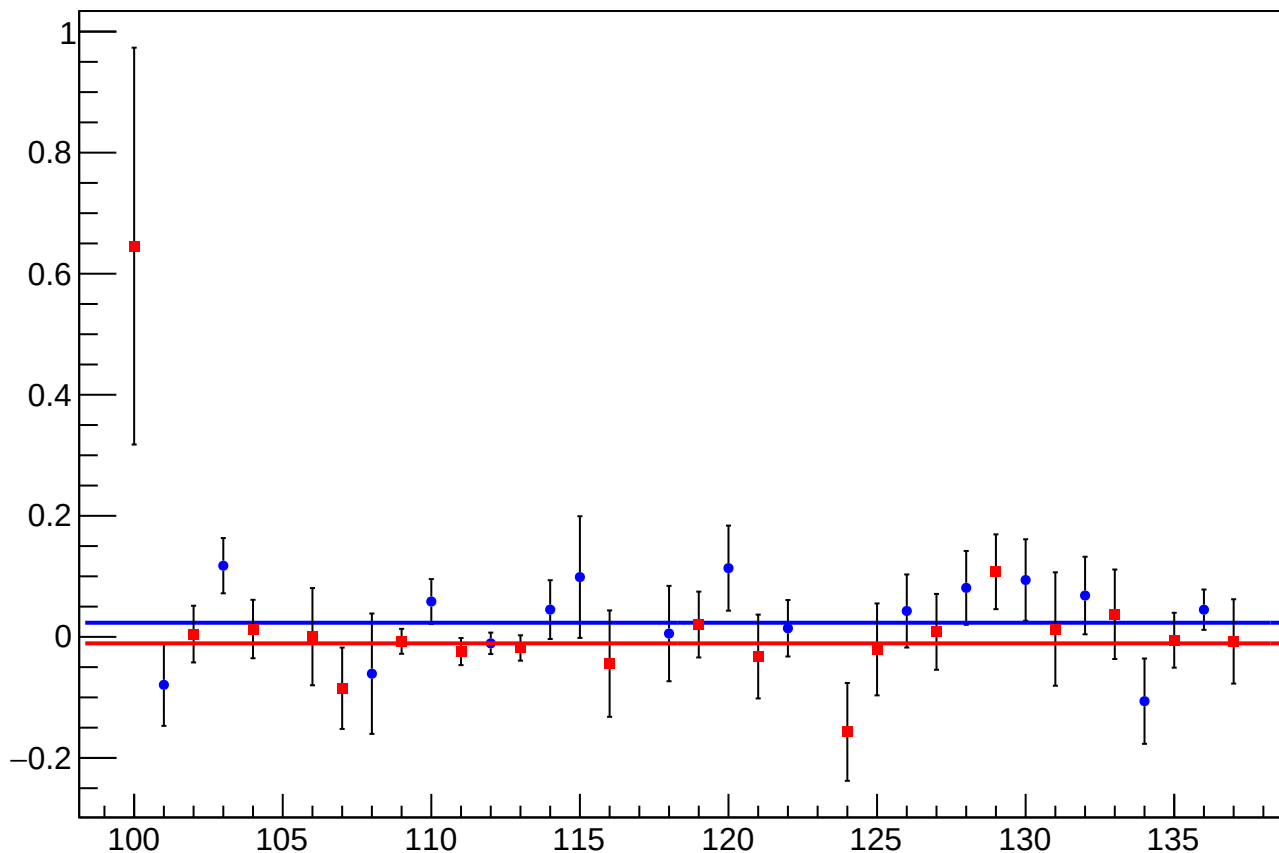
Right: 23.786+/-0.005 χ^2/NDF : 6134886.6/34

In: 25.334+/-0.008 χ^2/NDF :2925132.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.786+/-0.005 χ^2/NDF : 6134886.6/34

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.011 χ^2/NDF : 20.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

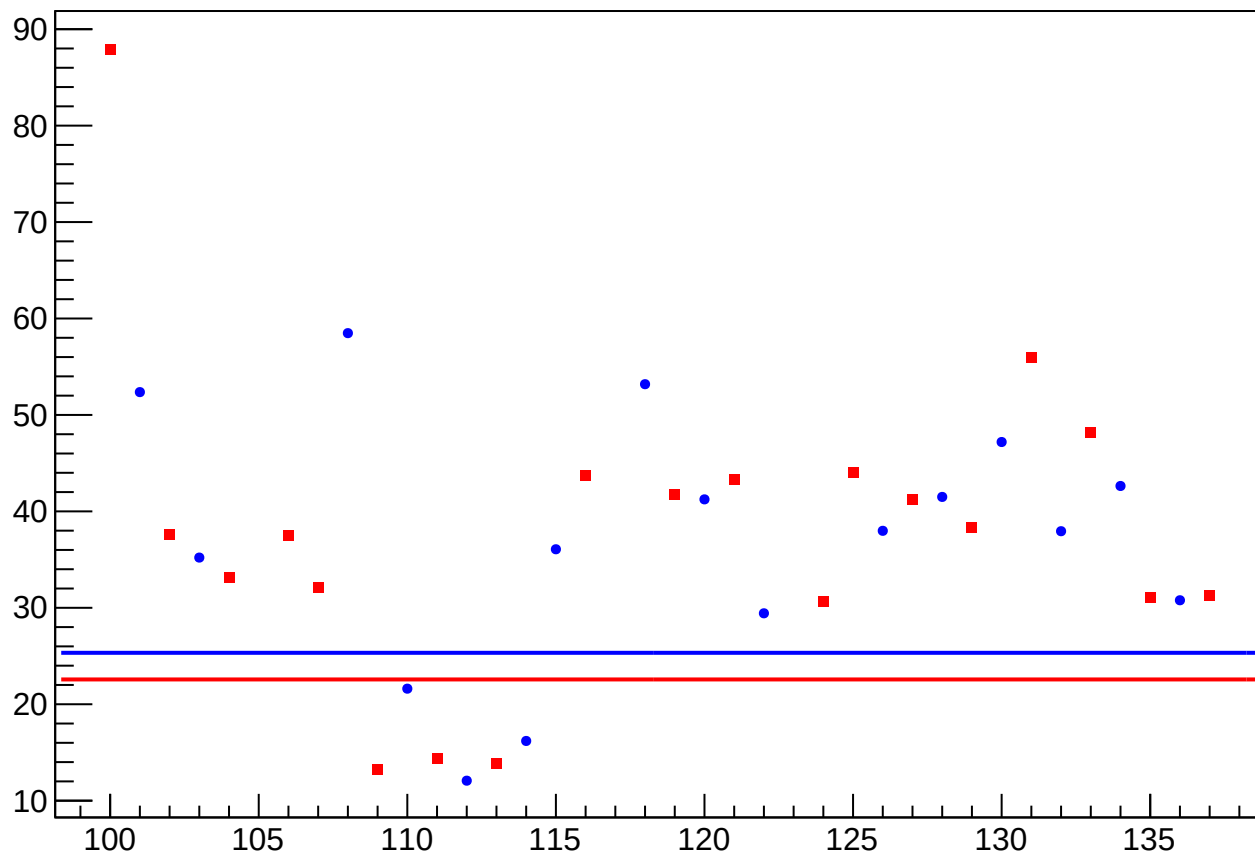
Right: 0.004+/-0.007 χ^2/NDF : 40.3/34

In: 0.023+/-0.011 χ^2/NDF : 20.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 40.3/34

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.334+/-0.008 χ^2/NDF : 2925132.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.571+/-0.007 χ^2/NDF : 3139937.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

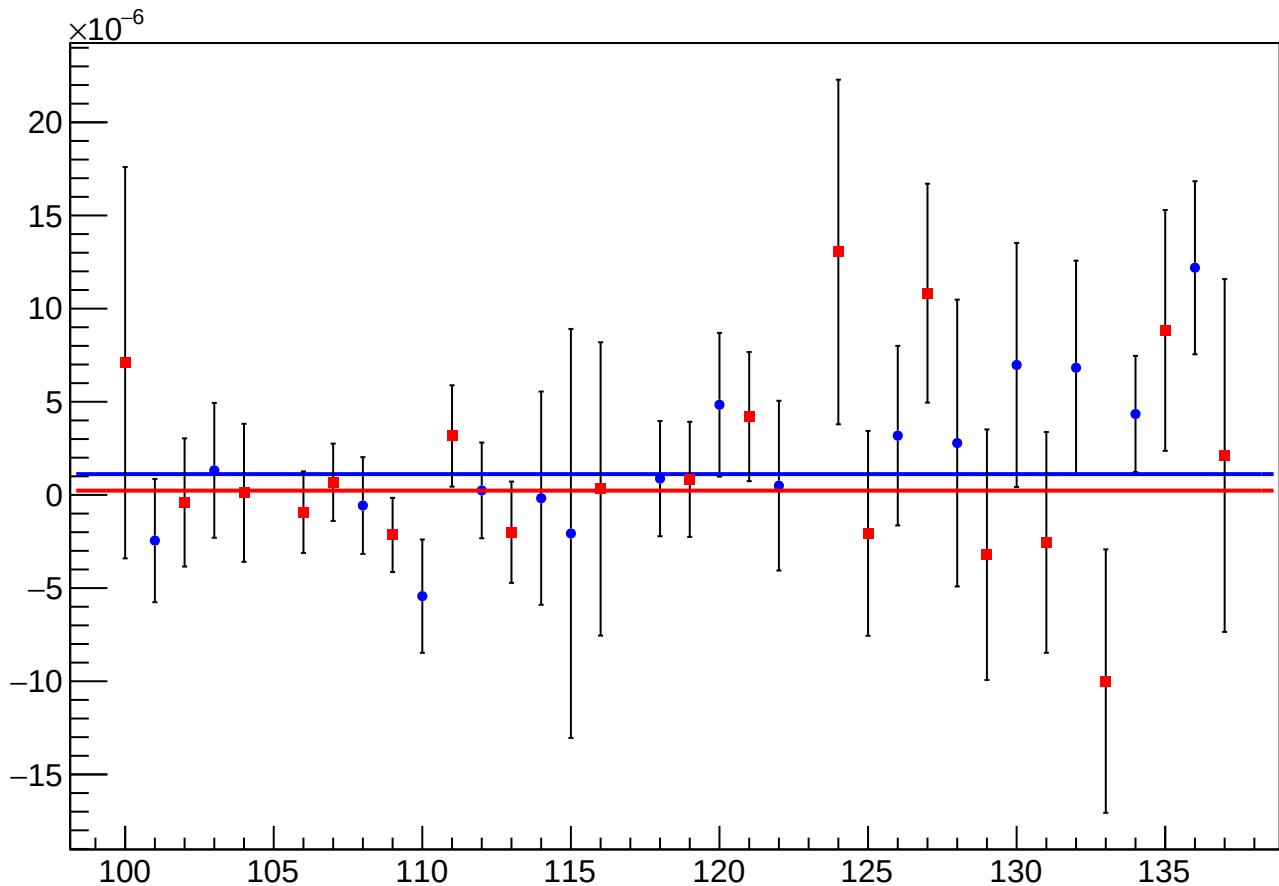
Right: 23.786+/-0.005 χ^2/NDF : 6134886.6/34

In: 25.334+/-0.008 χ^2/NDF :2925132.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.786+/-0.005 χ^2/NDF : 6134886.6/34

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

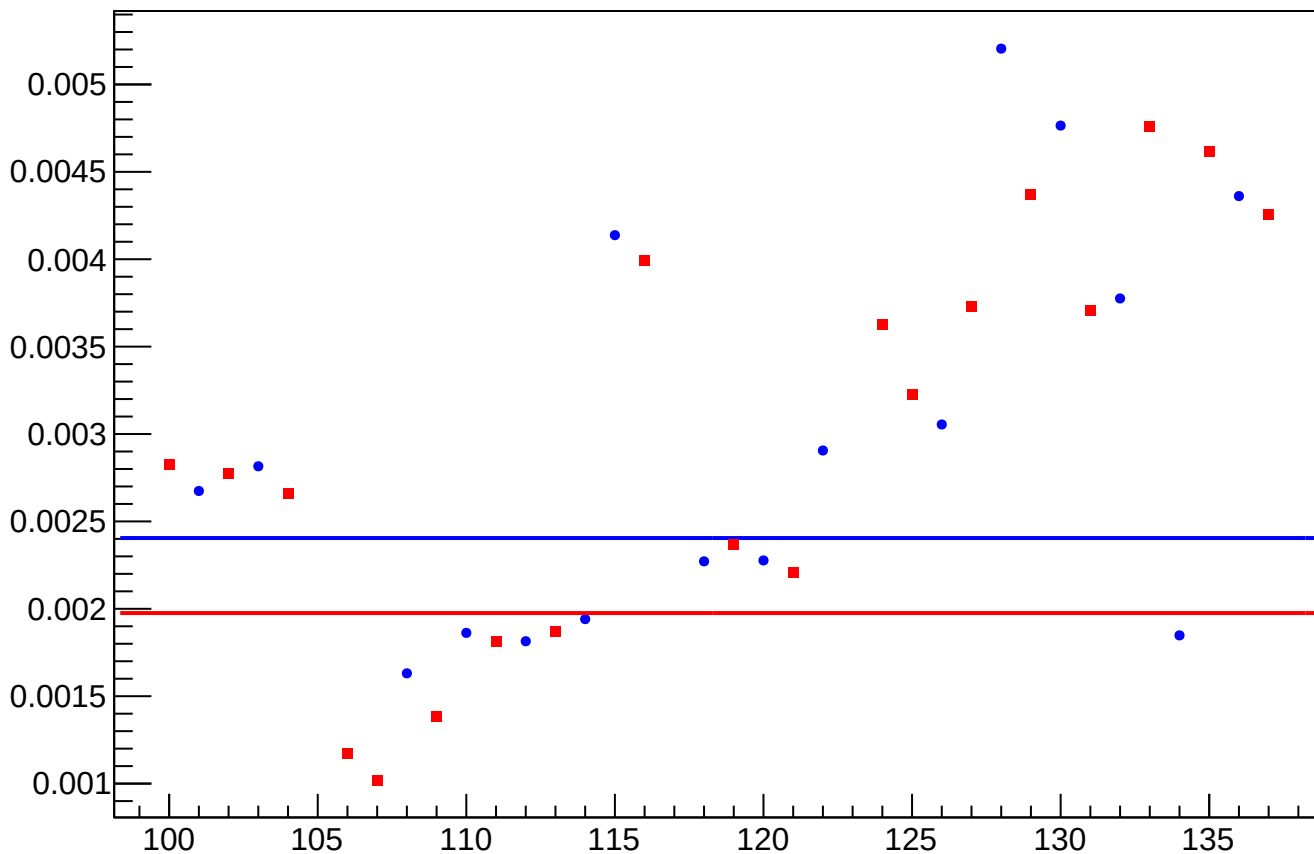
Right: 0.000+/-0.000 χ^2/NDF : 31.8/34

In: 0.000+/-0.000 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.8/34

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 1571983.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2775363.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

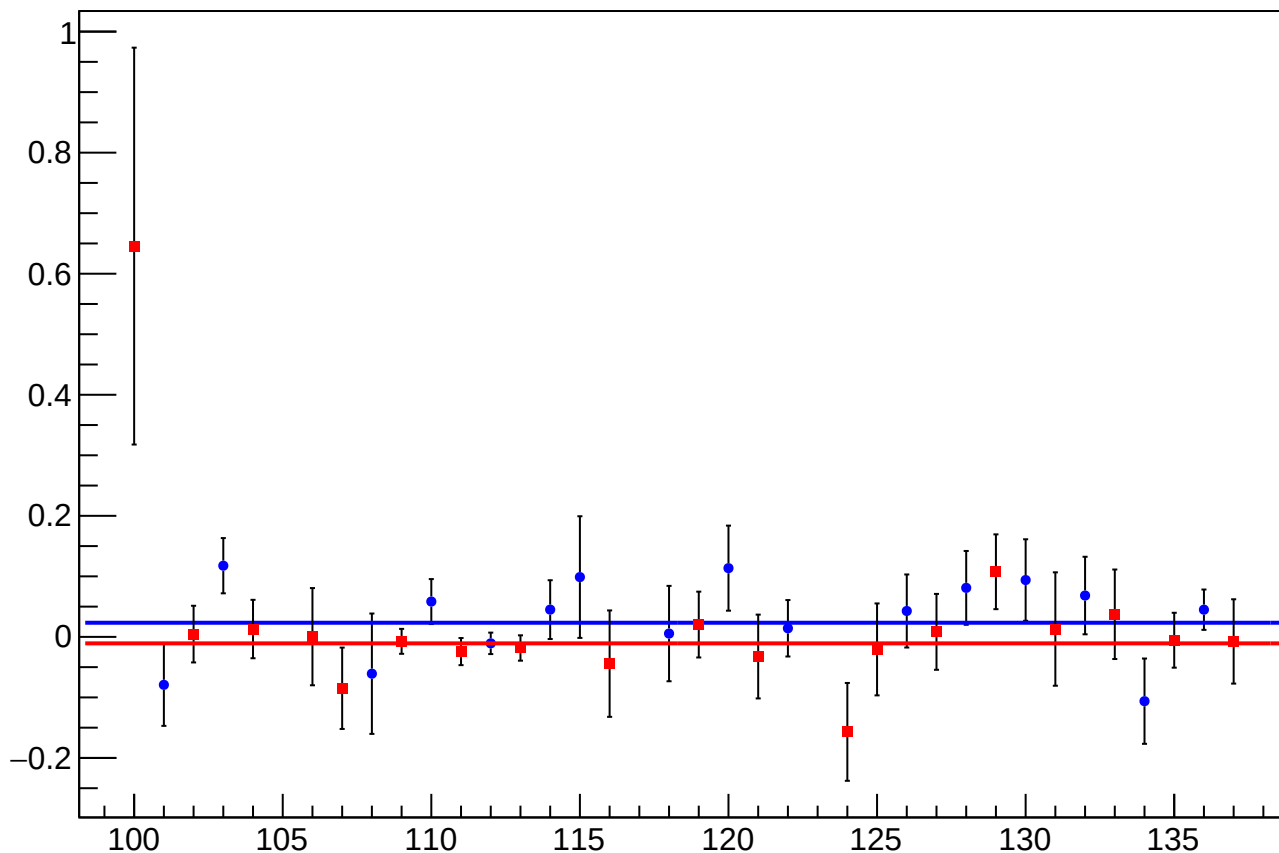
Right: 0.002+/-0.000 χ^2/NDF : 4581712.7/34

In: 0.002+/-0.000 χ^2/NDF :1571983.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4581712.7/34

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023+/-0.011 χ^2/NDF : 20.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.011+/-0.010 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

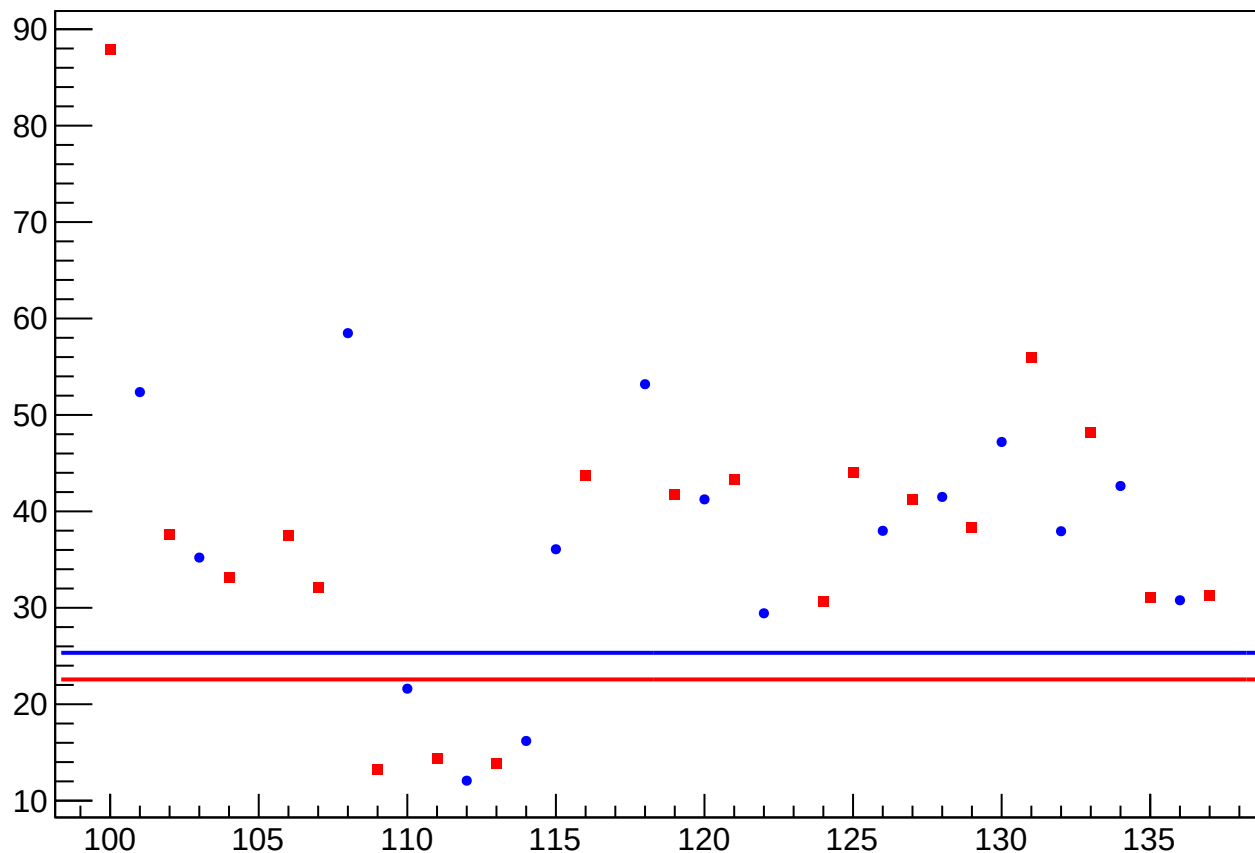
Right: 0.004+/-0.007 χ^2/NDF : 40.3/34

In: 0.023+/-0.011 χ^2/NDF : 20.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.007 χ^2/NDF : 40.3/34

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.332+/-0.008 χ^2/NDF : 2925549.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 22.571+/-0.007 χ^2/NDF : 3140082.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

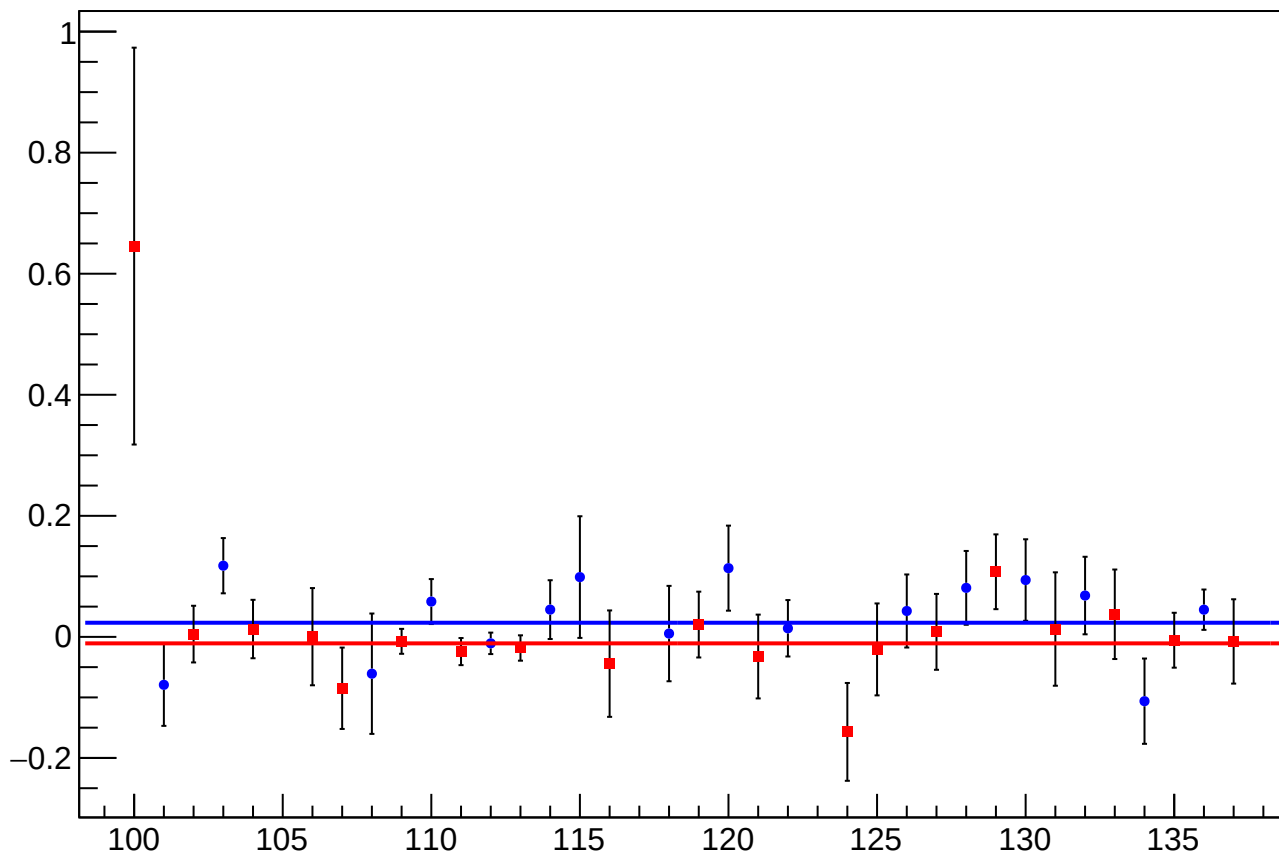
Right: 23.785+/-0.005 χ^2/NDF : 6135400.4/34

In: 25.332+/-0.008 χ^2/NDF :2925549.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.785+/-0.005 χ^2/NDF : 6135400.4/34

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 20.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.010 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

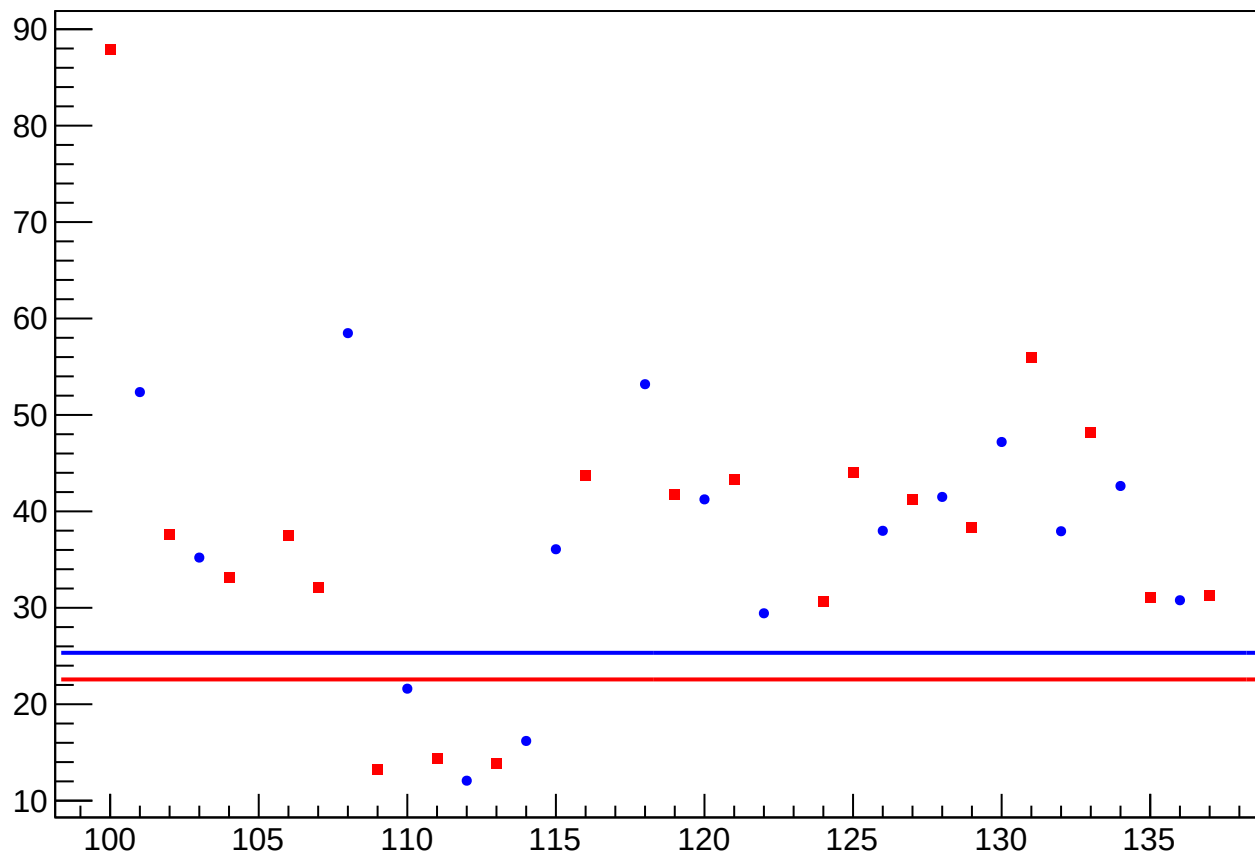
Right: 0.004 $\pm$ 0.007 χ^2 /NDF: 40.3/34

In: 0.023 $\pm$ 0.011 χ^2 /NDF:20.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 40.3/34

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.332+/-0.008 χ^2/NDF : 2925549.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.571+/-0.007 χ^2/NDF : 3140082.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

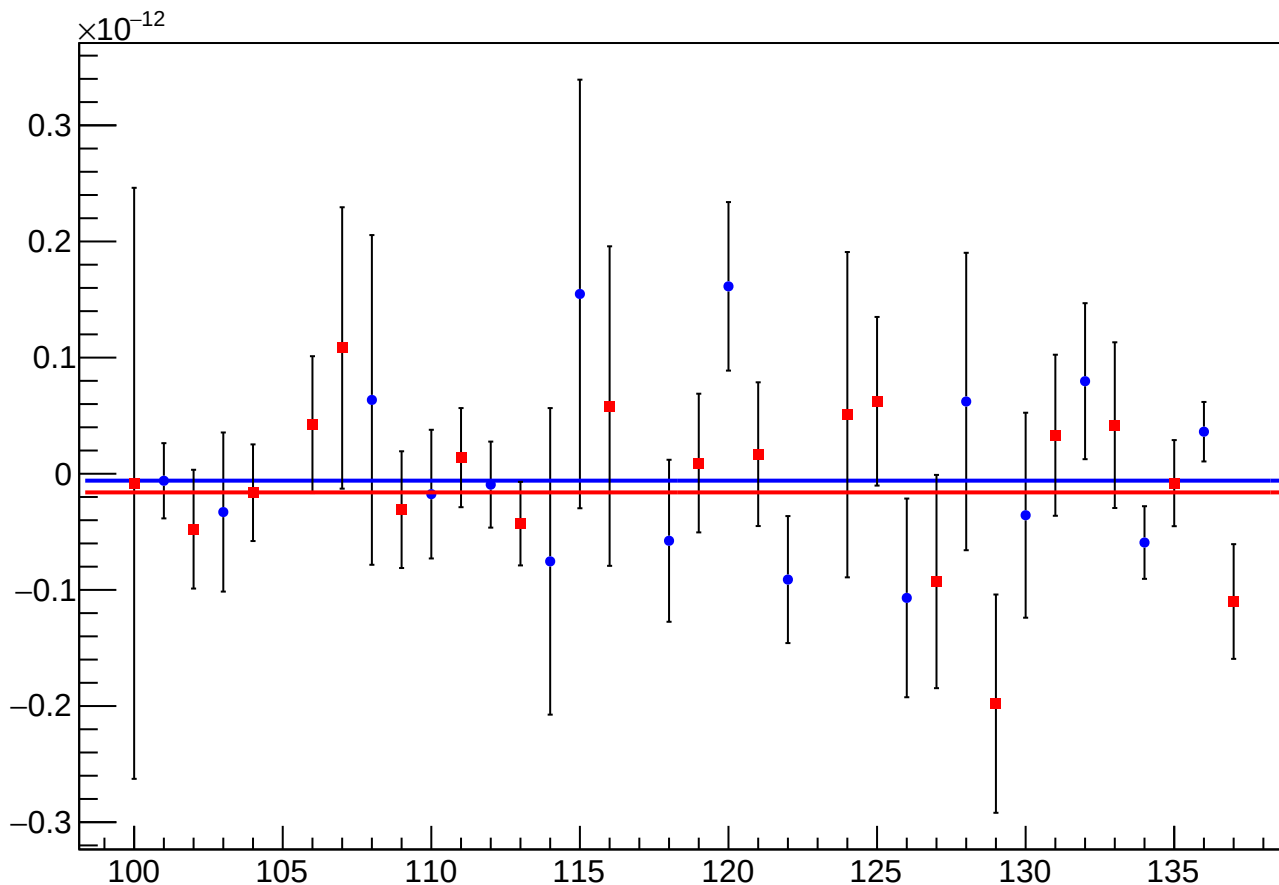
Right: 23.785+/-0.005 χ^2/NDF : 6135400.4/34

In: 25.332+/-0.008 χ^2/NDF : 2925549.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.785+/-0.005 χ^2/NDF : 6135400.4/34

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 18.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

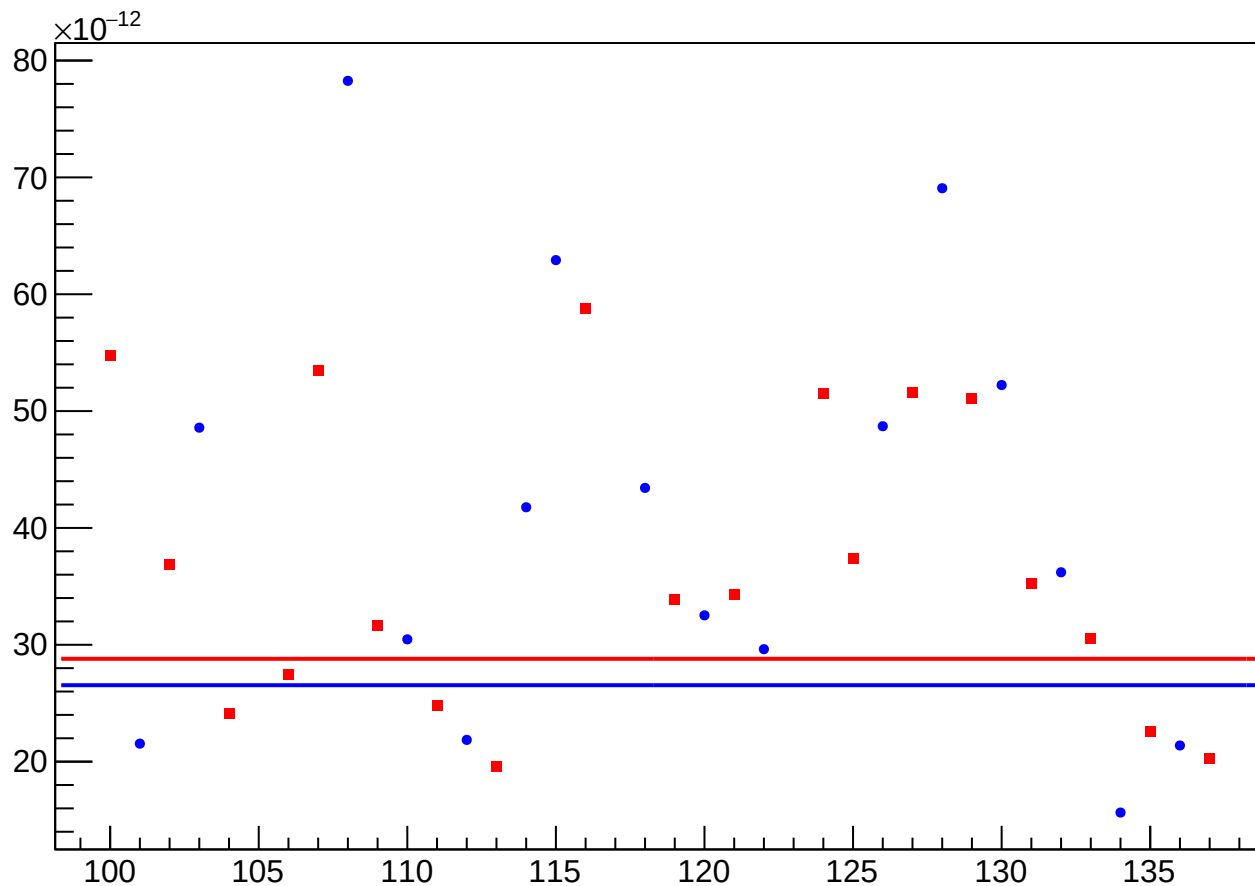
Right: -0.000+/-0.000 χ^2/NDF : 34.1/34

In: -0.000+/-0.000 χ^2/NDF : 18.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.1/34

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1693643.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 910681.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

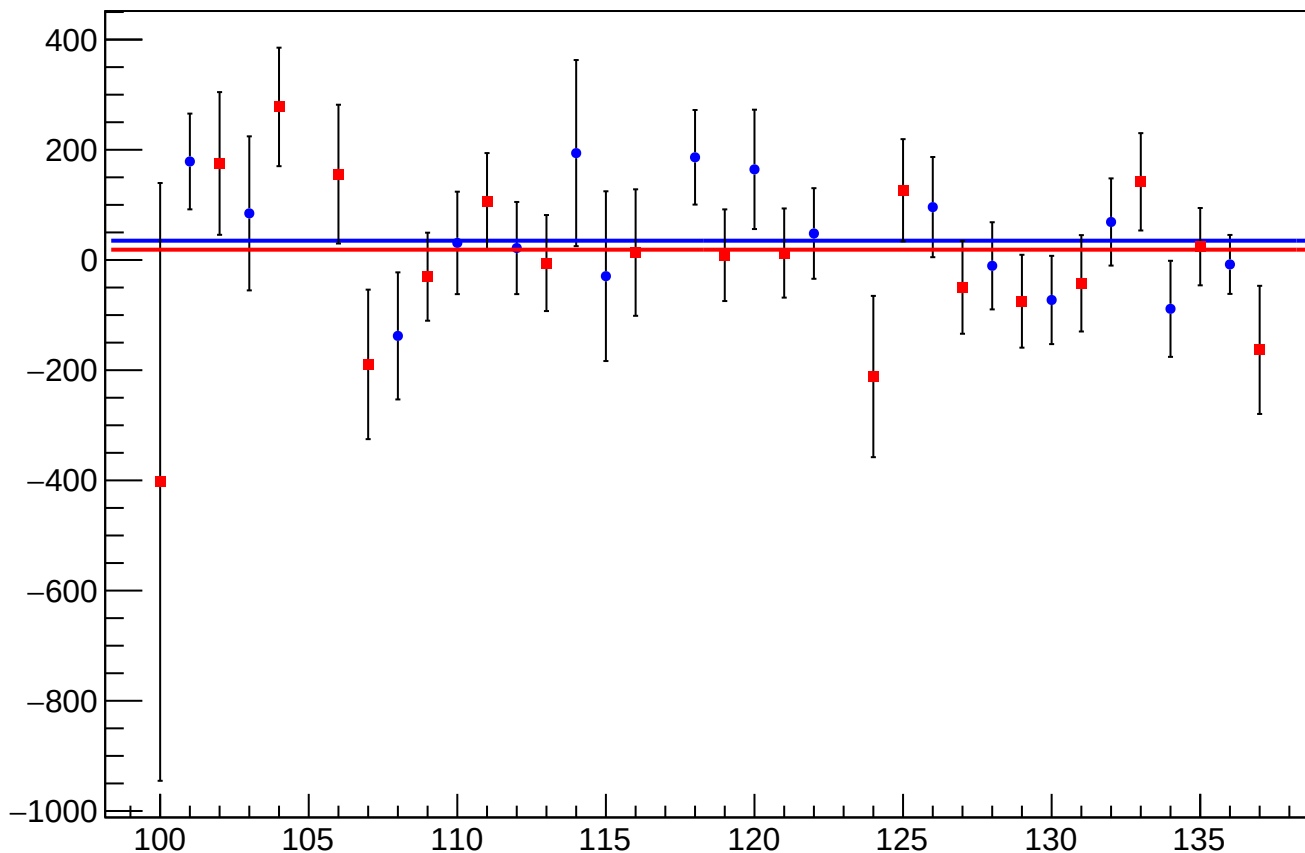
Right: 0.000+/-0.000 χ^2/NDF : 2634482.2/34

In: 0.000+/-0.000 χ^2/NDF : 1693643.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2634482.2/34

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.018 $\pm$ 22.134 χ^2 /NDF: 16.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 18.690 $\pm$ 22.137 χ^2 /NDF: 23.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

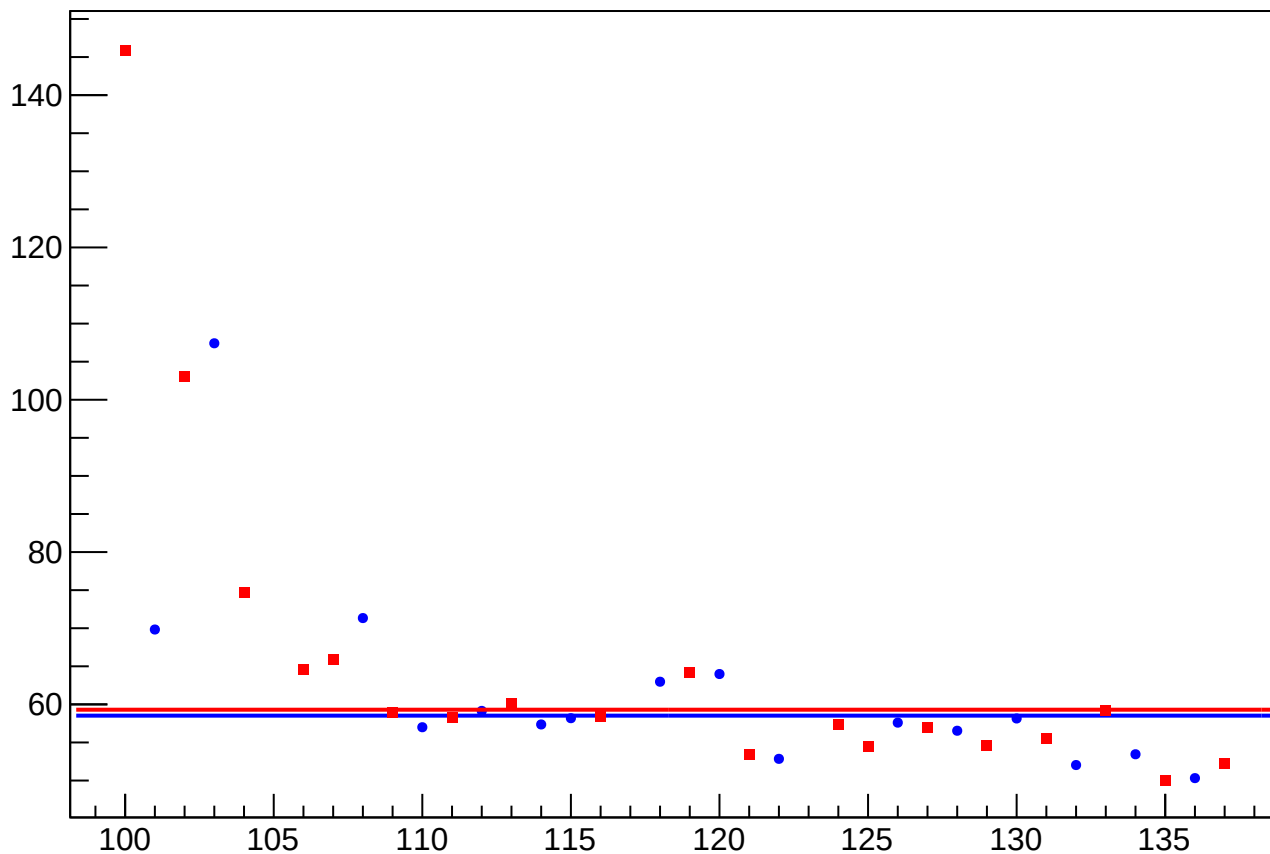
Right: 26.855 $\pm$ 15.652 χ^2 /NDF: 40.0/34

In: 35.018 $\pm$ 22.134 χ^2 /NDF:16.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.855 $\pm$ 15.652 χ^2 /NDF: 40.0/34

reg_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 58.522+/-0.016 χ^2/NDF : 392742.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.301+/-0.016 χ^2/NDF : 406611.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

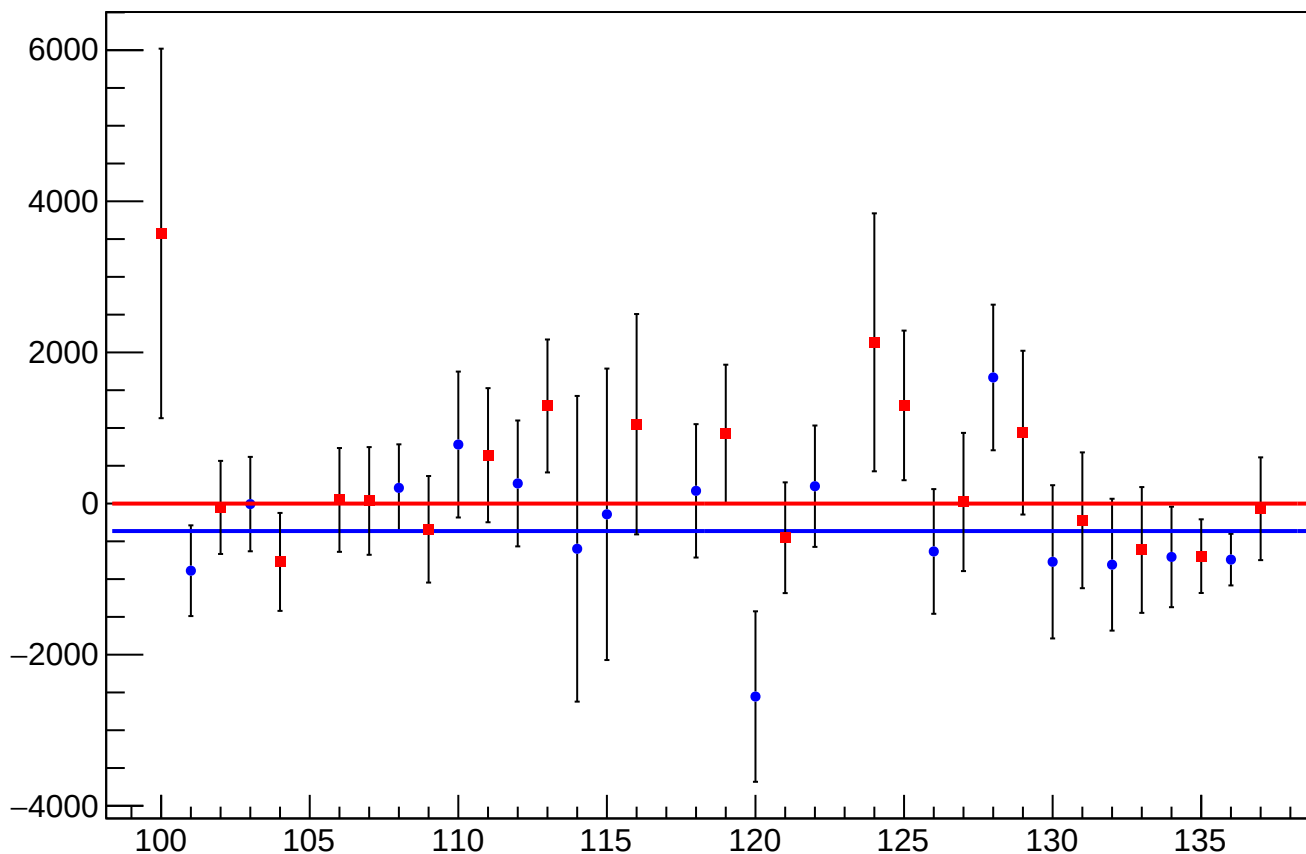
Right: 58.911+/-0.011 χ^2/NDF : 800594.3/34

In: 58.522+/-0.016 χ^2/NDF : 392742.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.911+/-0.011 χ^2/NDF : 800594.3/34

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -364.076 $\pm$ 180.601 χ^2 /NDF: 15.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.570 $\pm$ 183.085 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

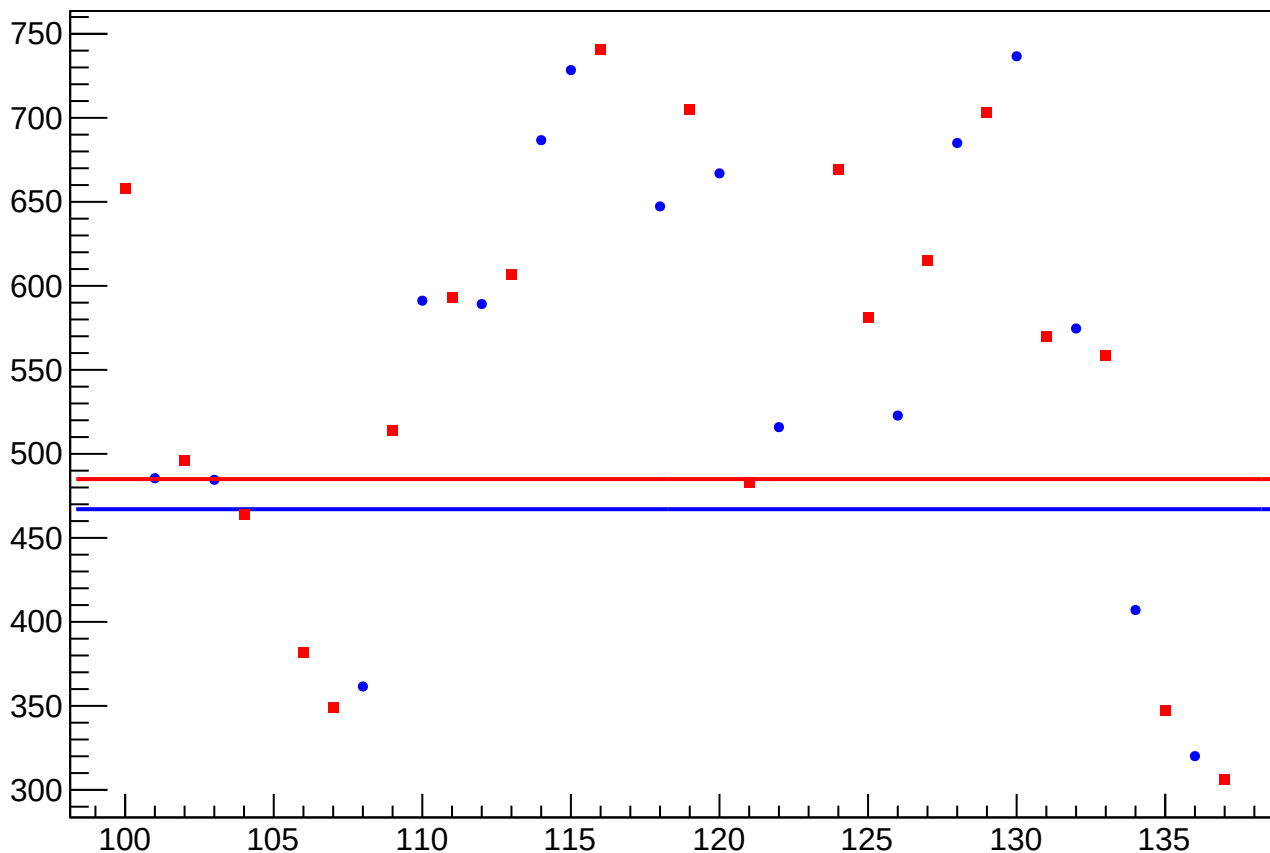
Right: -184.806 $\pm$ 128.573 χ^2 /NDF: 32.3/34

In: -364.076 $\pm$ 180.601 χ^2 /NDF:15.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -184.806 $\pm$ 128.573 χ^2 /NDF: 32.3/34

asym_sam_13_57_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 467.068+/-0.128 χ^2/NDF : 1030279.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.982+/-0.129 χ^2/NDF : 874102.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

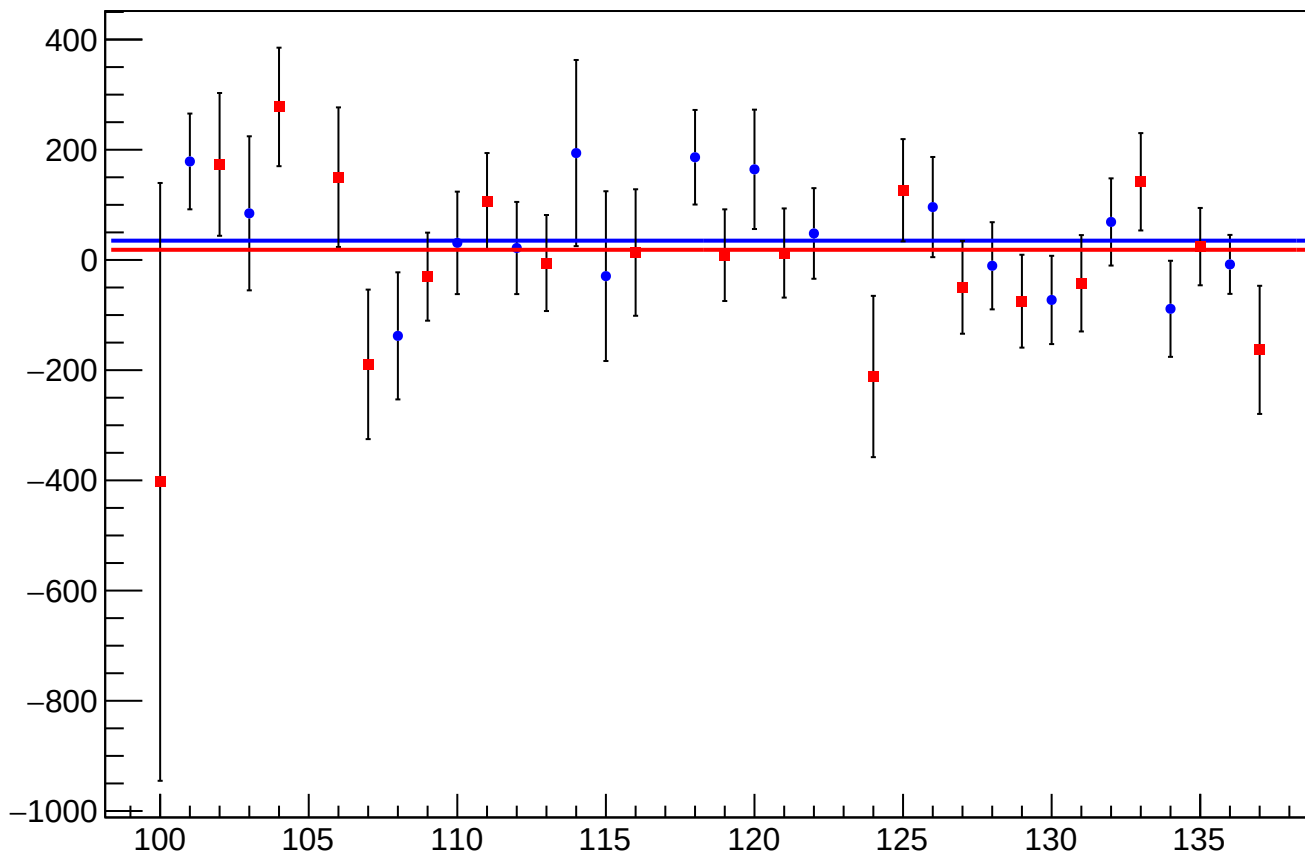
Right: 475.902+/-0.091 χ^2/NDF : 1914085.4/34

In: 467.068+/-0.128 χ^2/NDF : 1030279.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.902+/-0.091 χ^2/NDF : 1914085.4/34

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.017+/-22.134 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.417+/-22.141 χ^2/NDF : 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

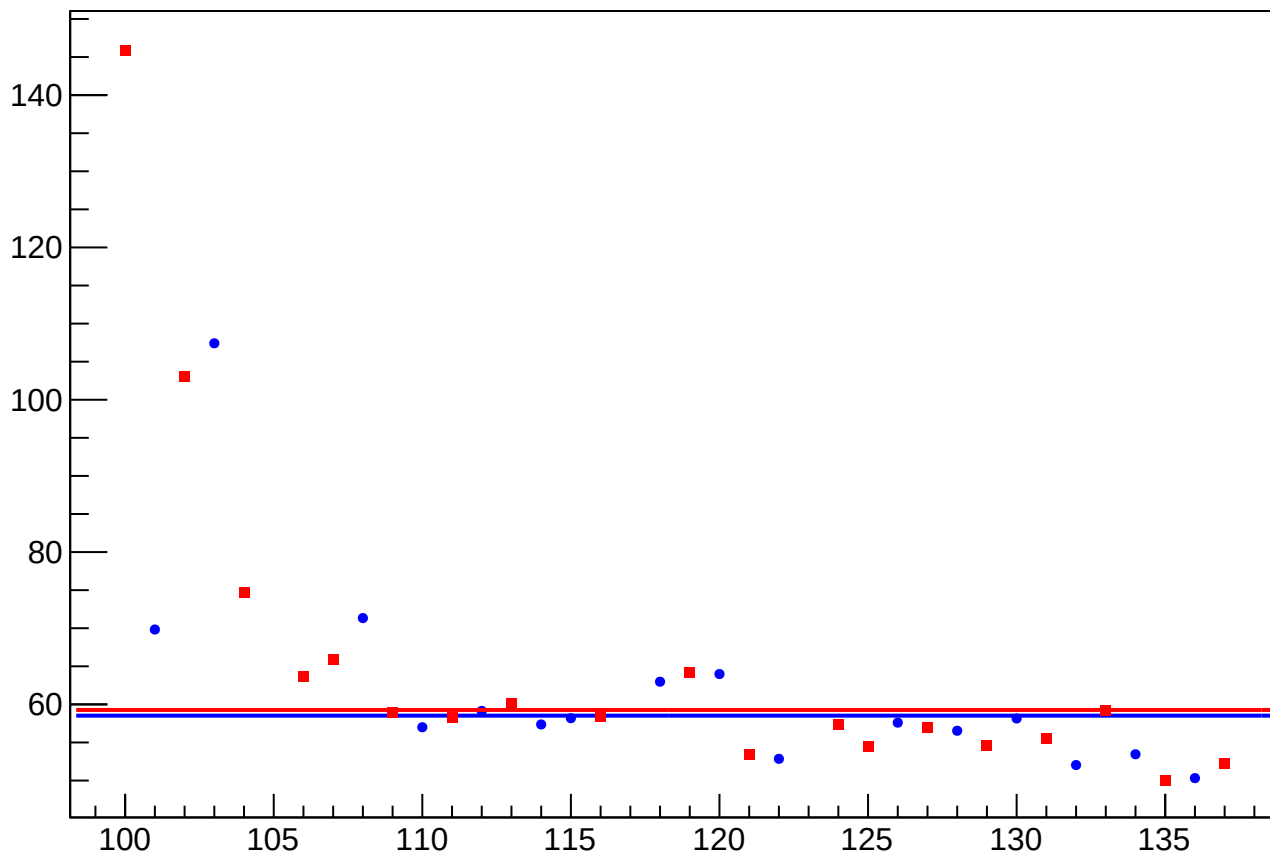
Right: 26.719+/-15.654 χ^2/NDF : 39.8/34

In: 35.017+/-22.134 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.719+/-15.654 χ^2/NDF : 39.8/34

cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 58.522 $\pm$ 0.016 χ^2 /NDF: 392744.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.269 $\pm$ 0.016 χ^2 /NDF: 405616.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

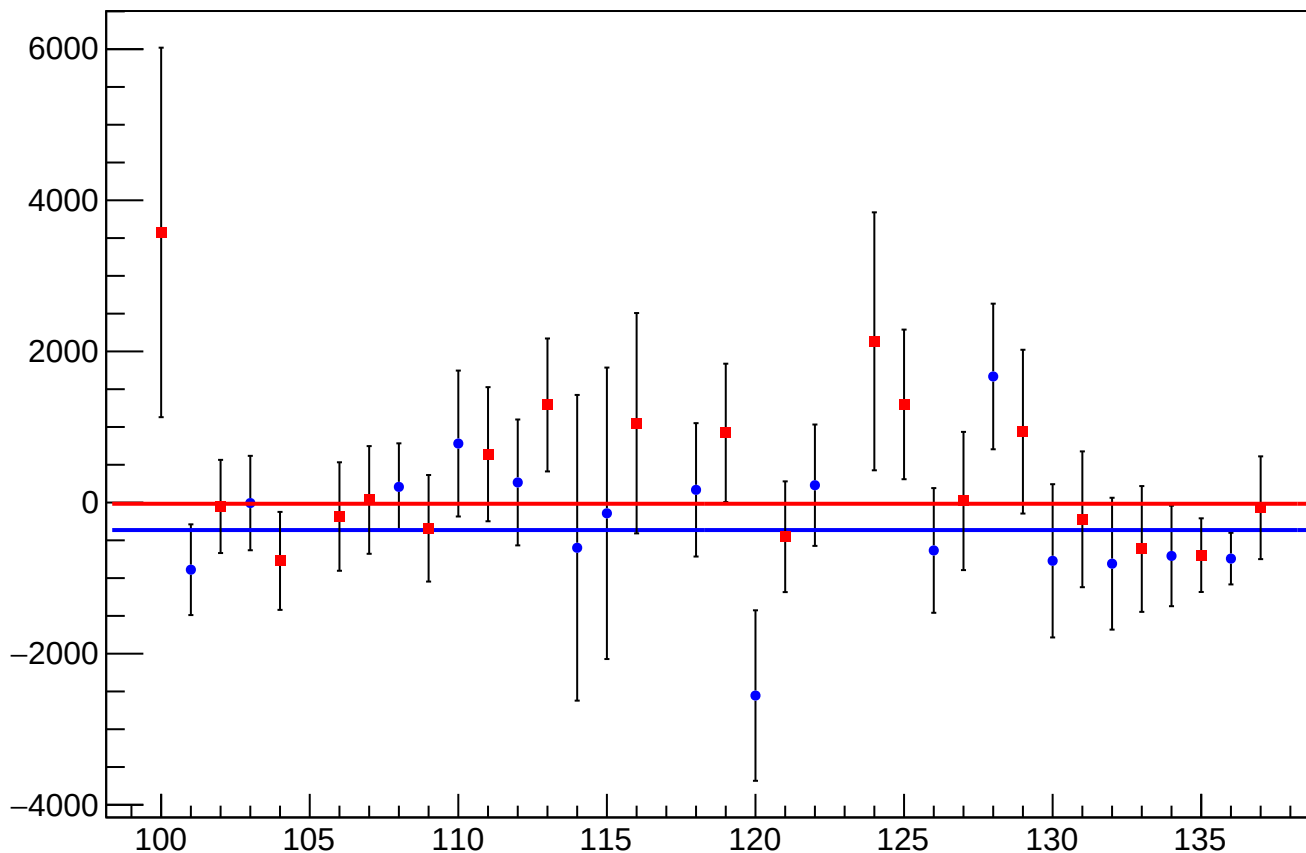
Right: 58.895 $\pm$ 0.011 χ^2 /NDF: 799501.8/34

In: 58.522 $\pm$ 0.016 χ^2 /NDF: 392744.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.895 $\pm$ 0.011 χ^2 /NDF: 799501.8/34

asym_sam_13_57_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -364.040 $\pm$ 180.602 χ^2 /NDF: 15.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.087 $\pm$ 183.650 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

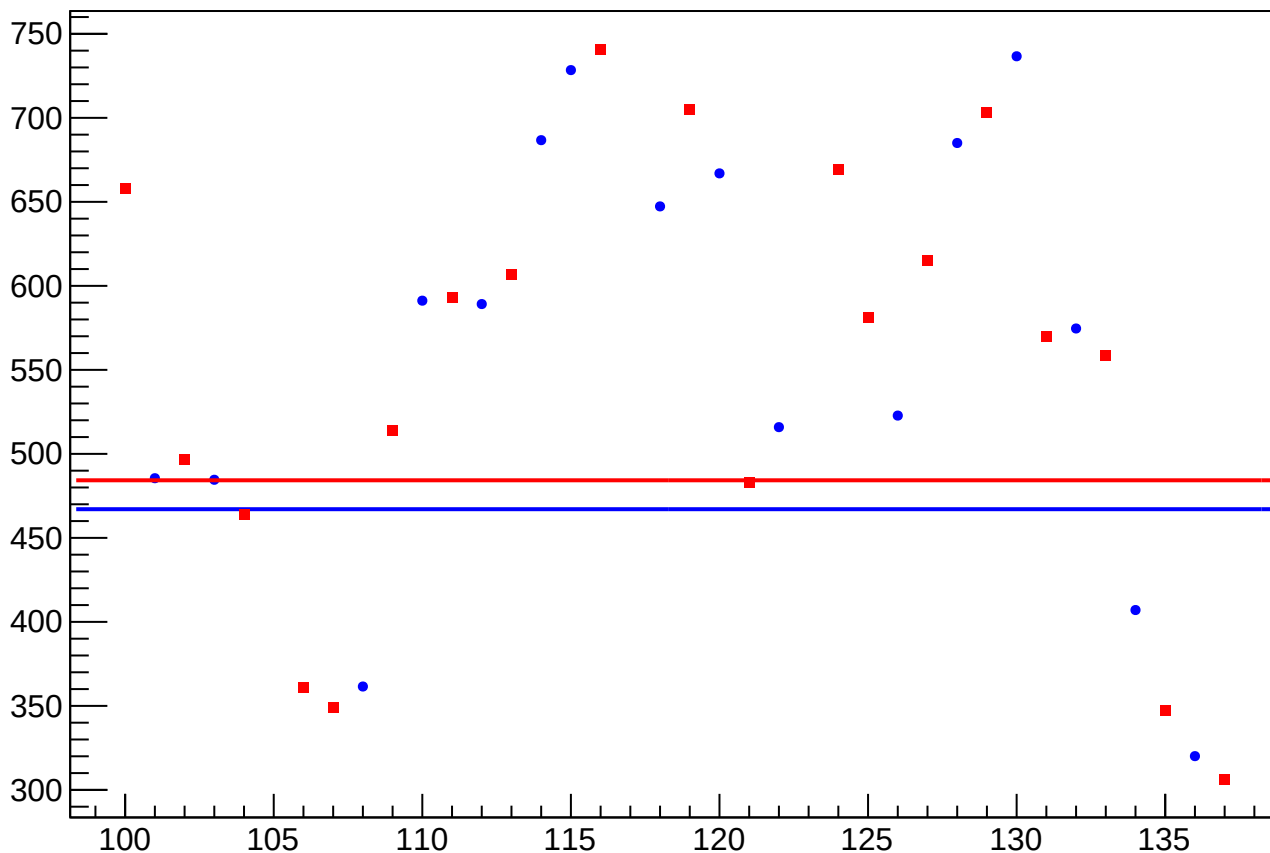
Right: -192.975 $\pm$ 128.769 χ^2 /NDF: 32.2/34

In: -364.040 $\pm$ 180.602 χ^2 /NDF:15.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -192.975 $\pm$ 128.769 χ^2 /NDF: 32.2/34

asym_sam_13_57_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 467.071+/-0.128 χ^2/NDF : 1030281.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.274+/-0.130 χ^2/NDF : 888797.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

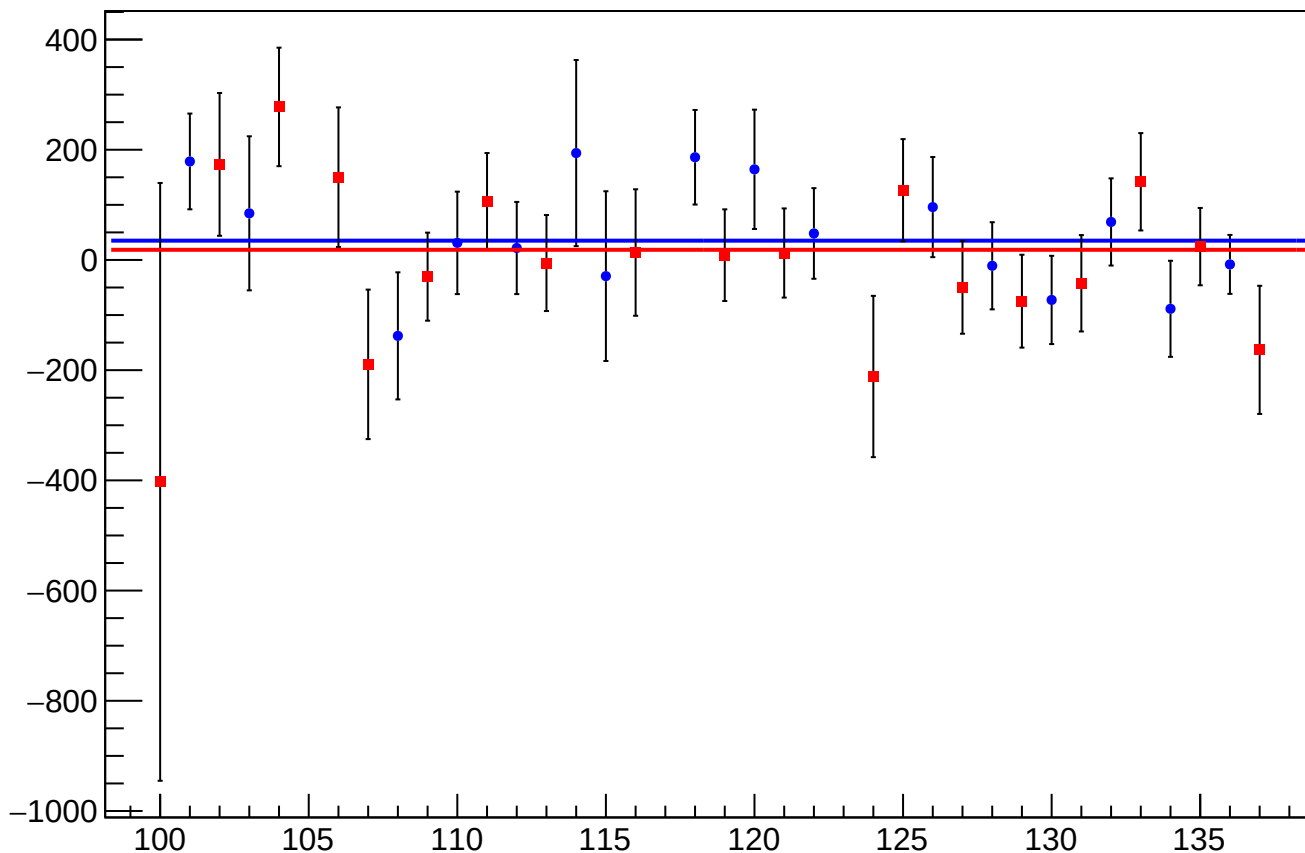
Right: 475.528+/-0.091 χ^2/NDF : 1928000.1/34

In: 467.071+/-0.128 χ^2/NDF : 1030281.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.528+/-0.091 χ^2/NDF : 1928000.1/34

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.017+/-22.134 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 18.417+/-22.141 χ^2/NDF : 23.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

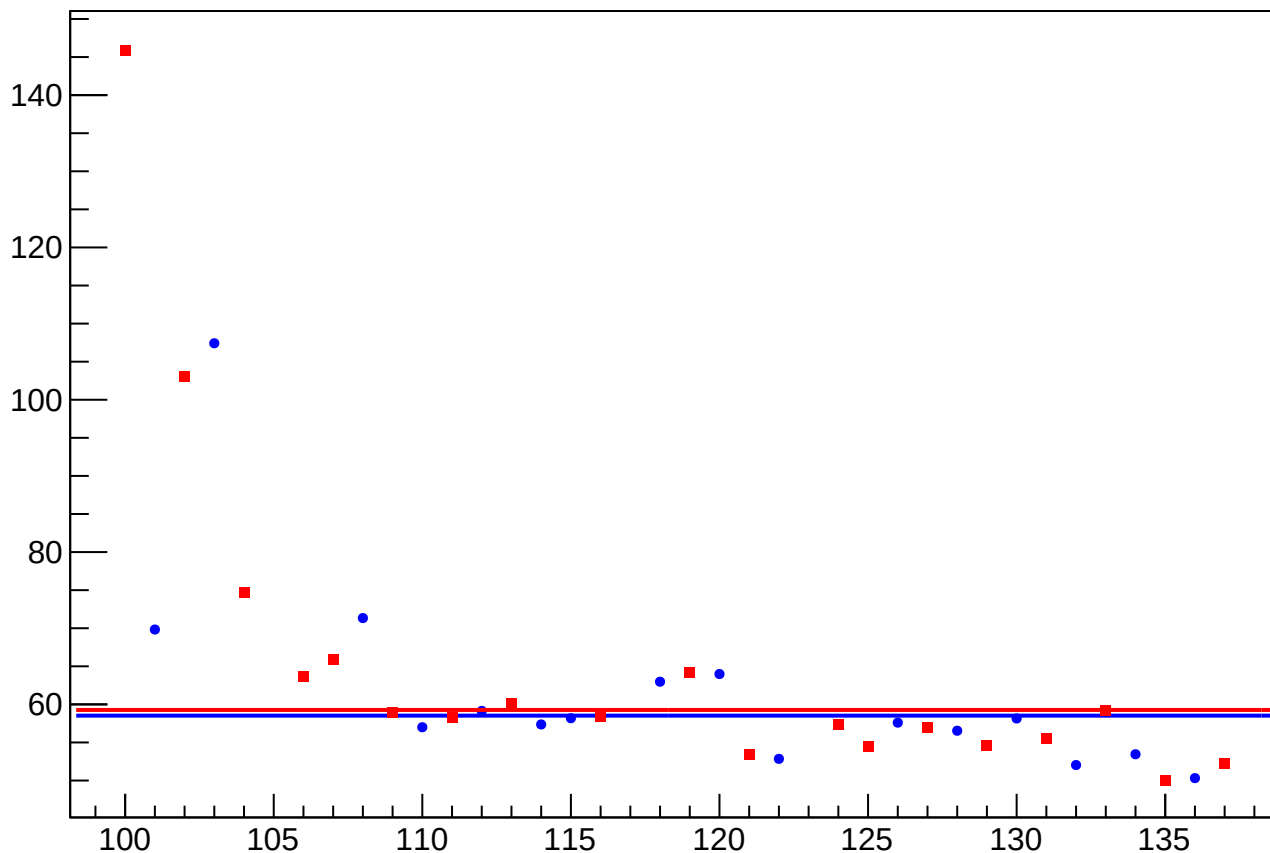
Right: 26.719+/-15.654 χ^2/NDF : 39.8/34

In: 35.017+/-22.134 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.719+/-15.654 χ^2/NDF : 39.8/34

eigen_cor_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 58.522+/-0.016 χ^2/NDF : 392744.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.269+/-0.016 χ^2/NDF : 405616.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

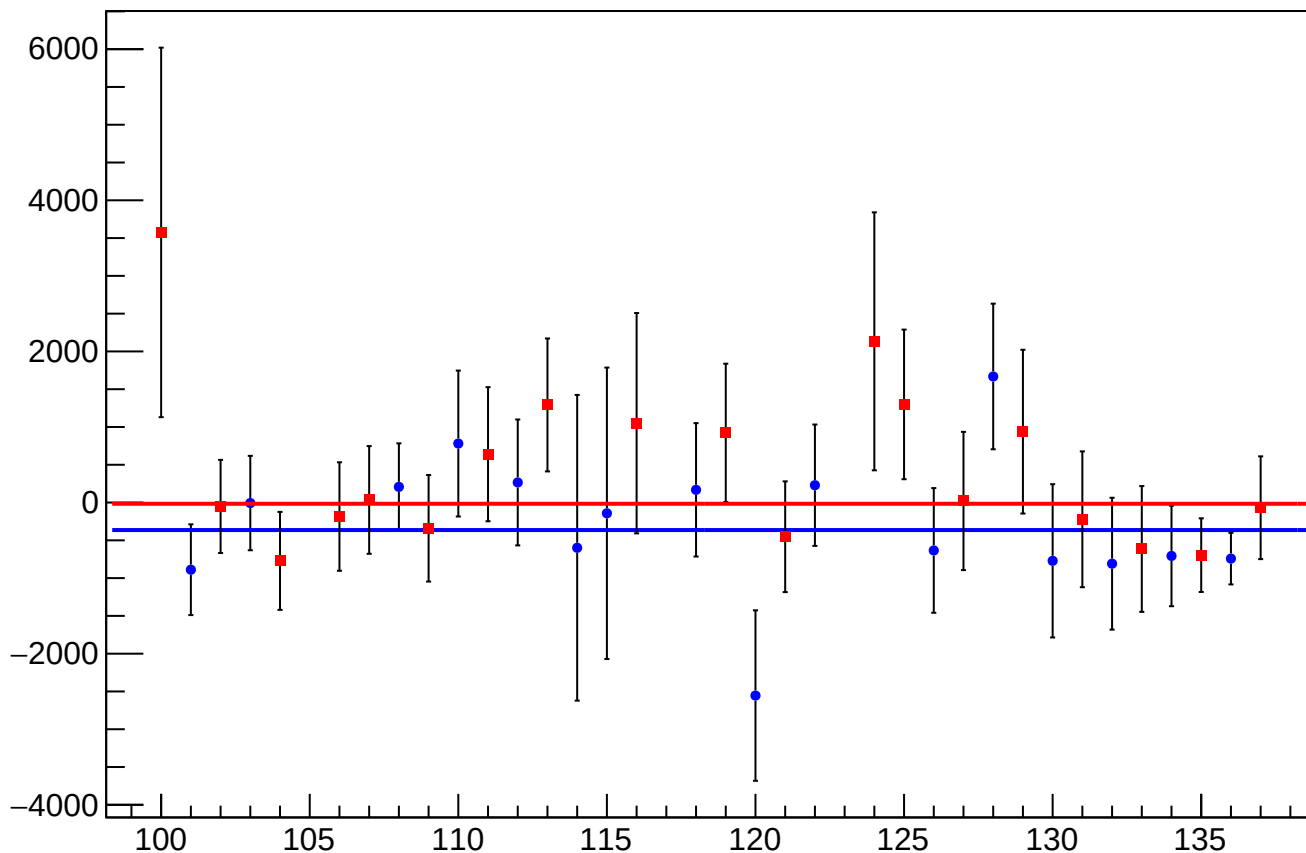
Right: 58.895+/-0.011 χ^2/NDF : 799501.8/34

In: 58.522+/-0.016 χ^2/NDF : 392744.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.895+/-0.011 χ^2/NDF : 799501.8/34

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -364.040 $\pm$ 180.602 χ^2 /NDF: 15.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.087 $\pm$ 183.650 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

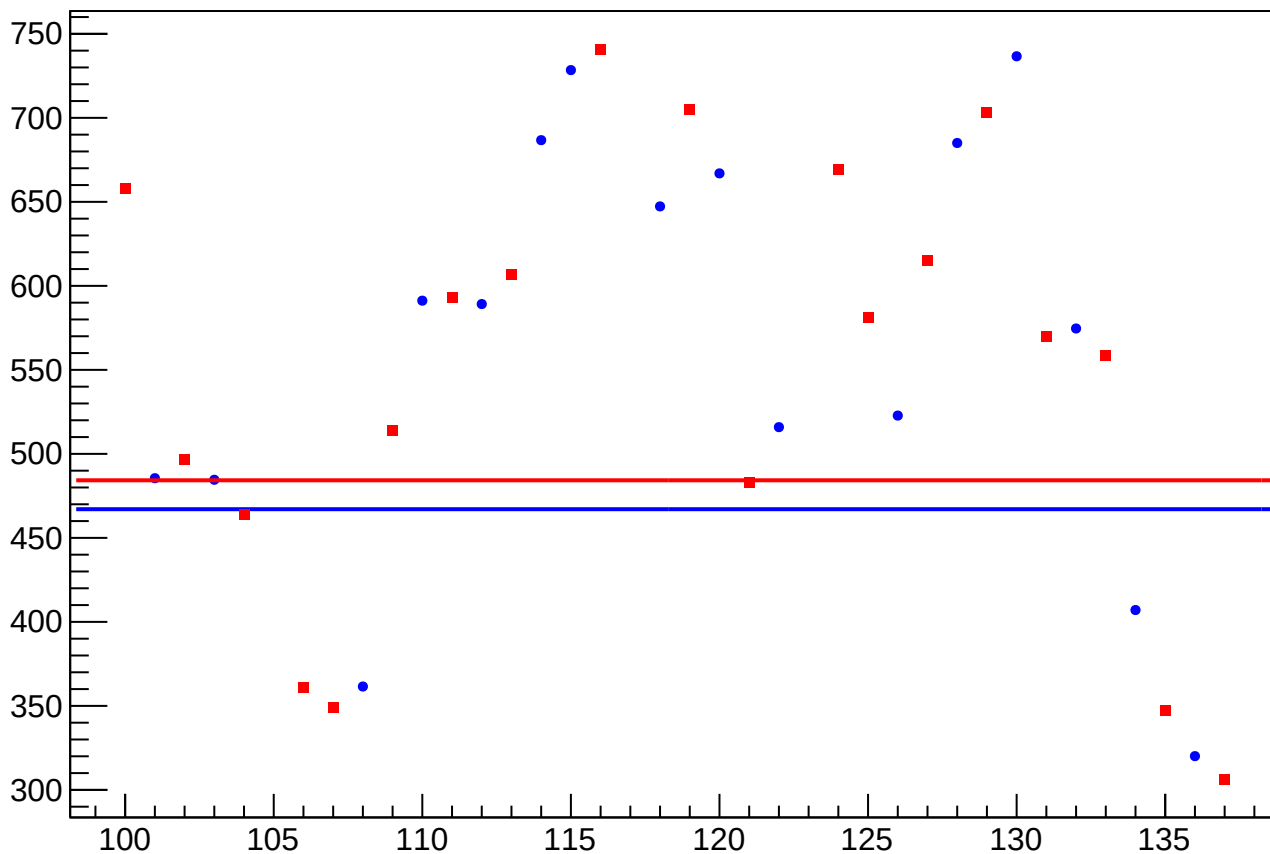
Right: -192.975 $\pm$ 128.769 χ^2 /NDF: 32.2/34

In: -364.040 $\pm$ 180.602 χ^2 /NDF:15.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -192.975 $\pm$ 128.769 χ^2 /NDF: 32.2/34

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 467.071+/-0.128 χ^2/NDF : 1030281.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.274+/-0.130 χ^2/NDF : 888797.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

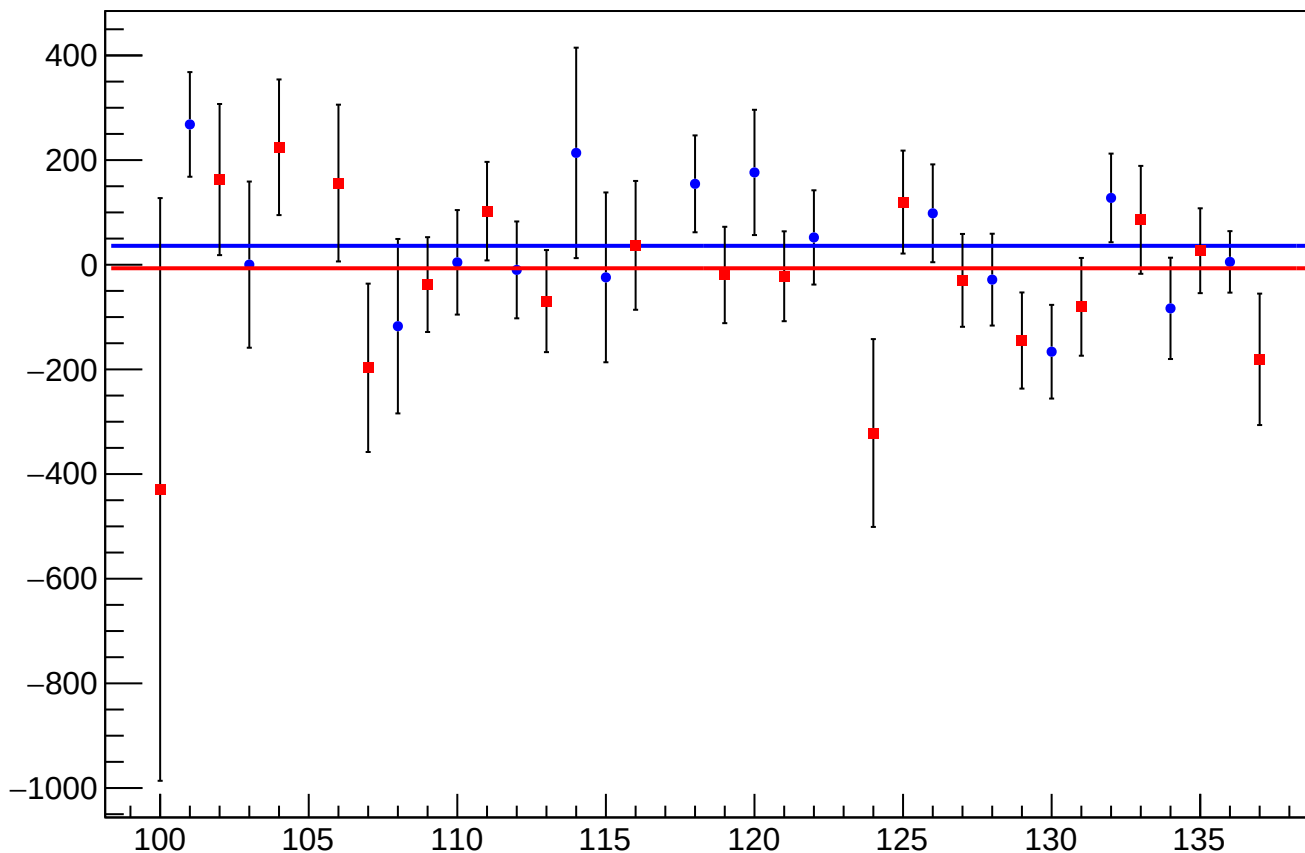
Right: 475.528+/-0.091 χ^2/NDF : 1928000.1/34

In: 467.071+/-0.128 χ^2/NDF : 1030281.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 475.528+/-0.091 χ^2/NDF : 1928000.1/34

dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 36.157+/-24.471 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.734+/-24.565 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

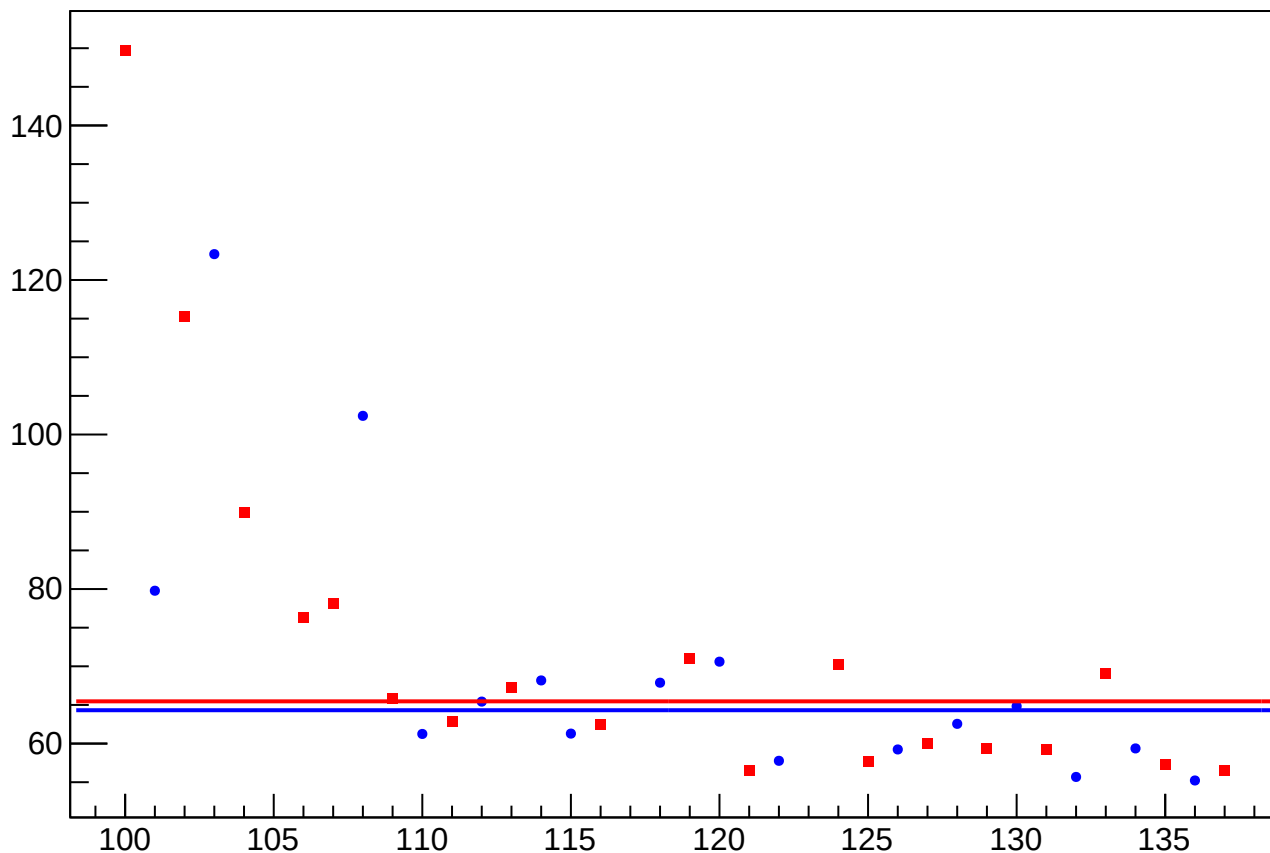
Right: 14.793+/-17.337 χ^2/NDF : 41.5/34

In: 36.157+/-24.471 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.793+/-17.337 χ^2/NDF : 41.5/34

dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 64.316+/-0.017 χ^2/NDF : 532065.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.466+/-0.017 χ^2/NDF : 482361.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

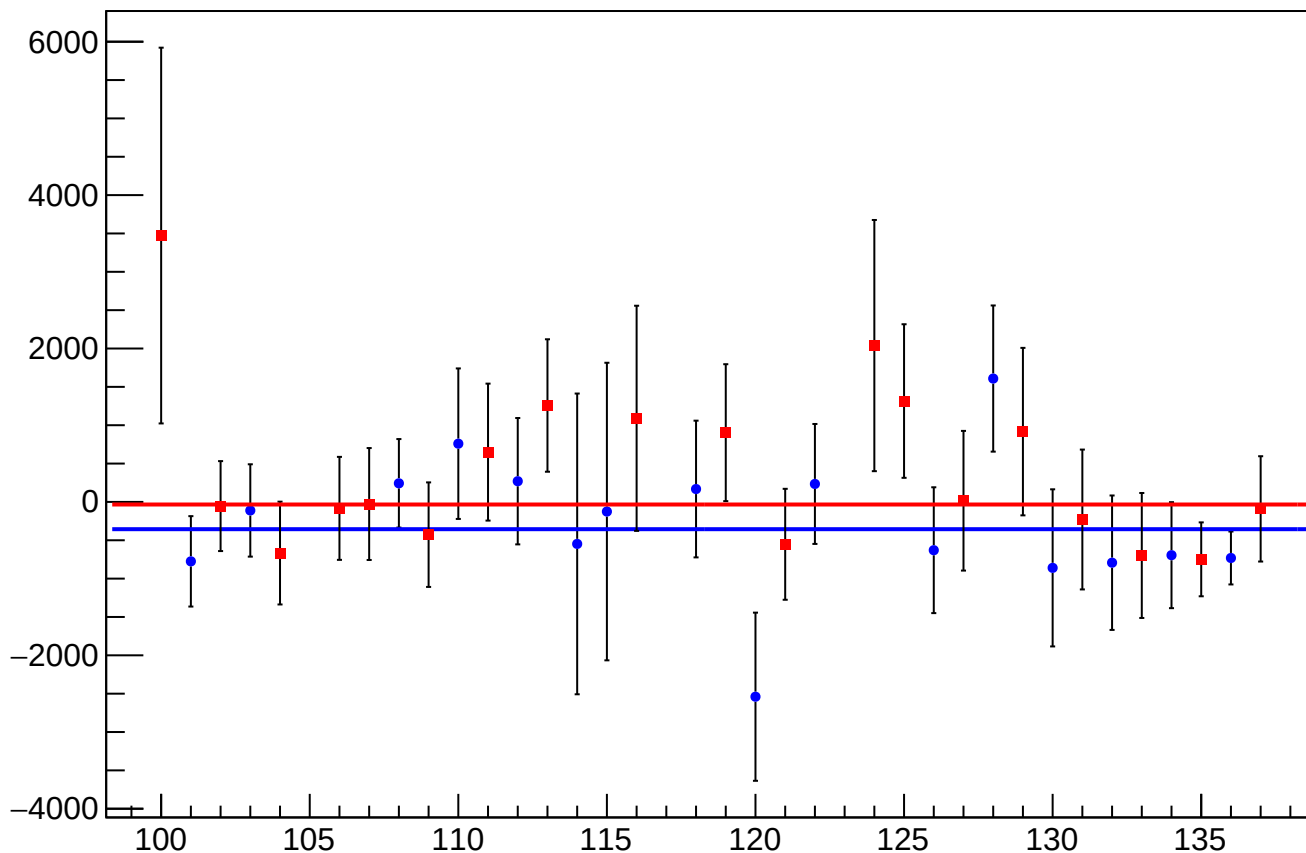
Right: 64.889+/-0.012 χ^2/NDF : 1016625.1/34

In: 64.316+/-0.017 χ^2/NDF : 532065.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.889+/-0.012 χ^2/NDF : 1016625.1/34

asym_sam_13_57_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.529+/-180.335 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.786+/-181.561 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

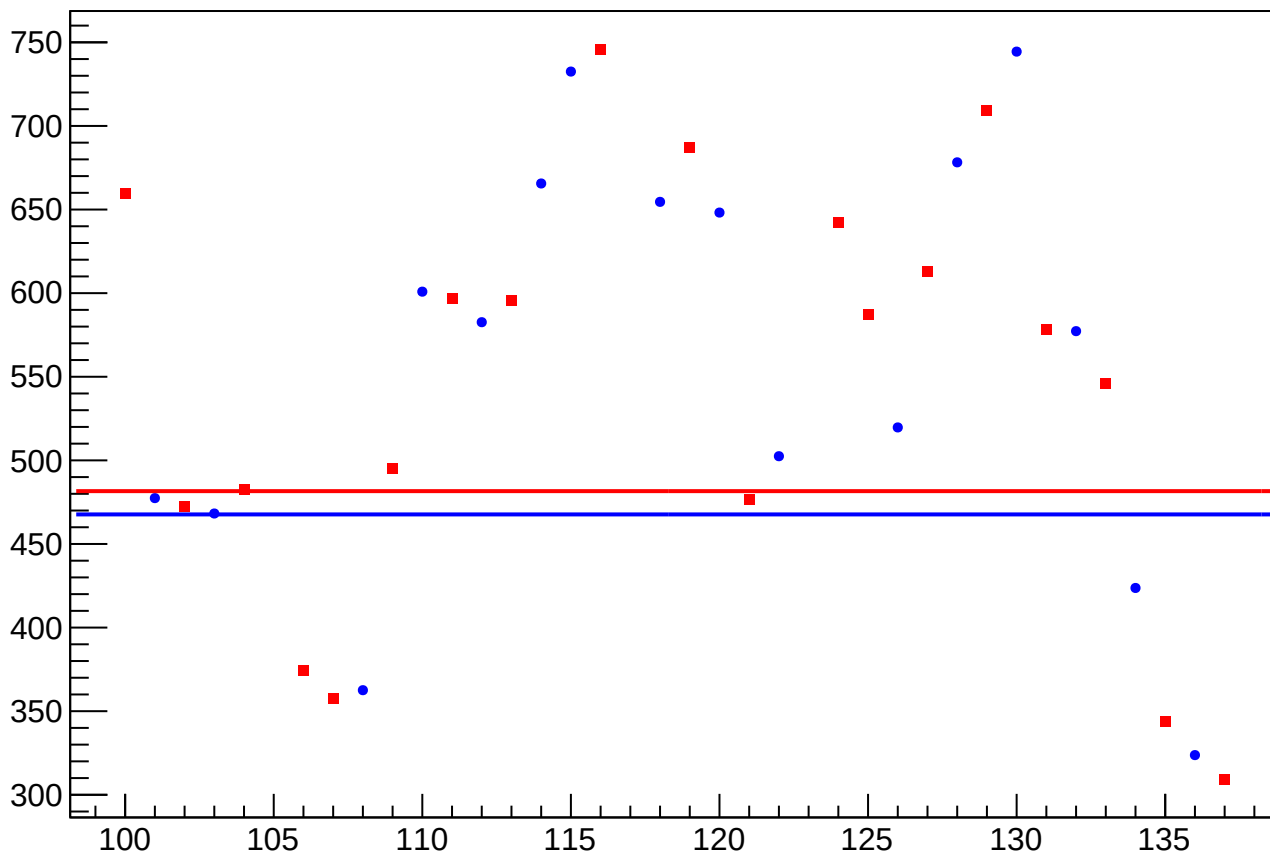
Right: -195.748+/-127.947 χ^2/NDF : 31.8/34

In: -355.529+/-180.335 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.748+/-127.947 χ^2/NDF : 31.8/34

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 467.674+/-0.128 χ^2/NDF : 985943.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.599+/-0.128 χ^2/NDF : 854281.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

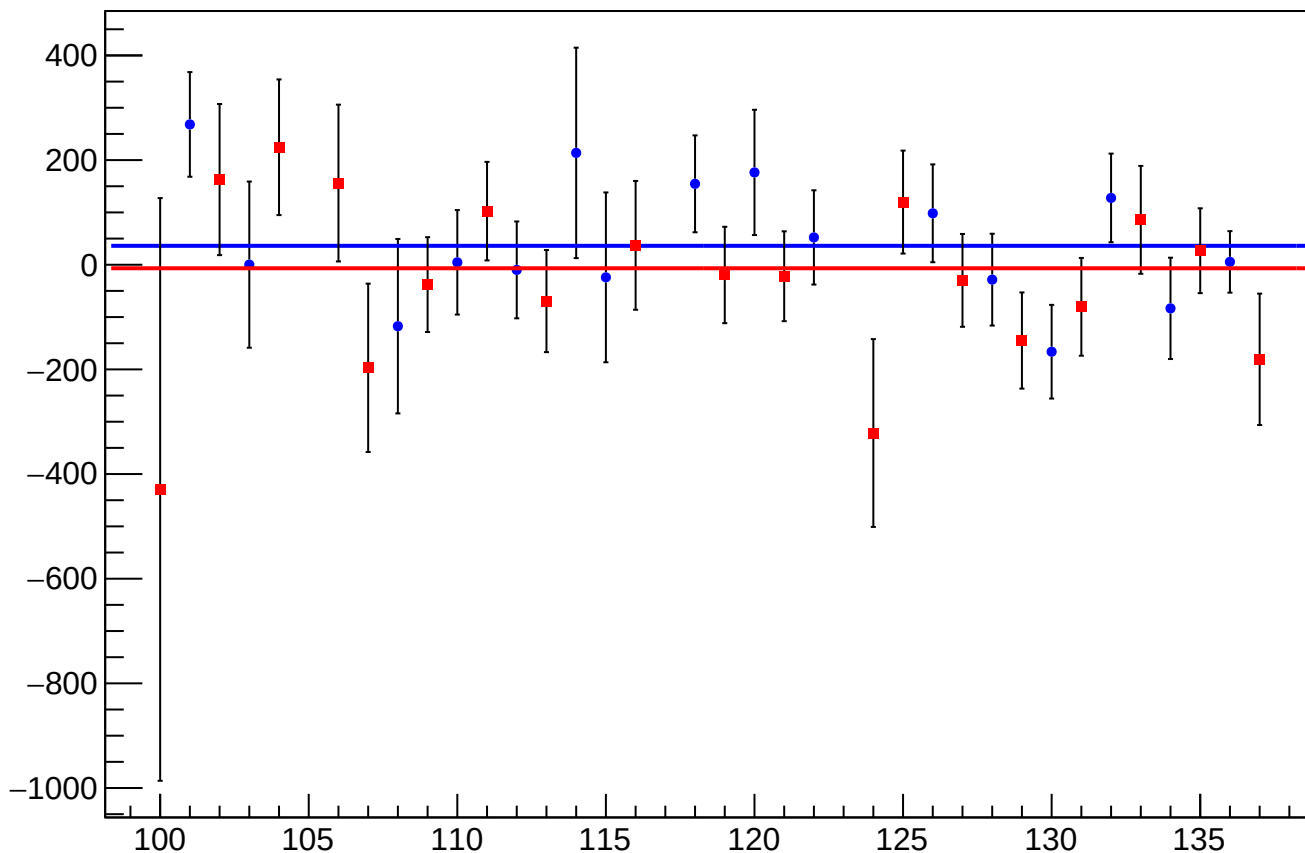
Right: 474.590+/-0.090 χ^2/NDF : 1846147.0/34

In: 467.674+/-0.128 χ^2/NDF : 985943.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.590+/-0.090 χ^2/NDF : 1846147.0/34

eigen_dit_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 36.157+/-24.471 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.735+/-24.565 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

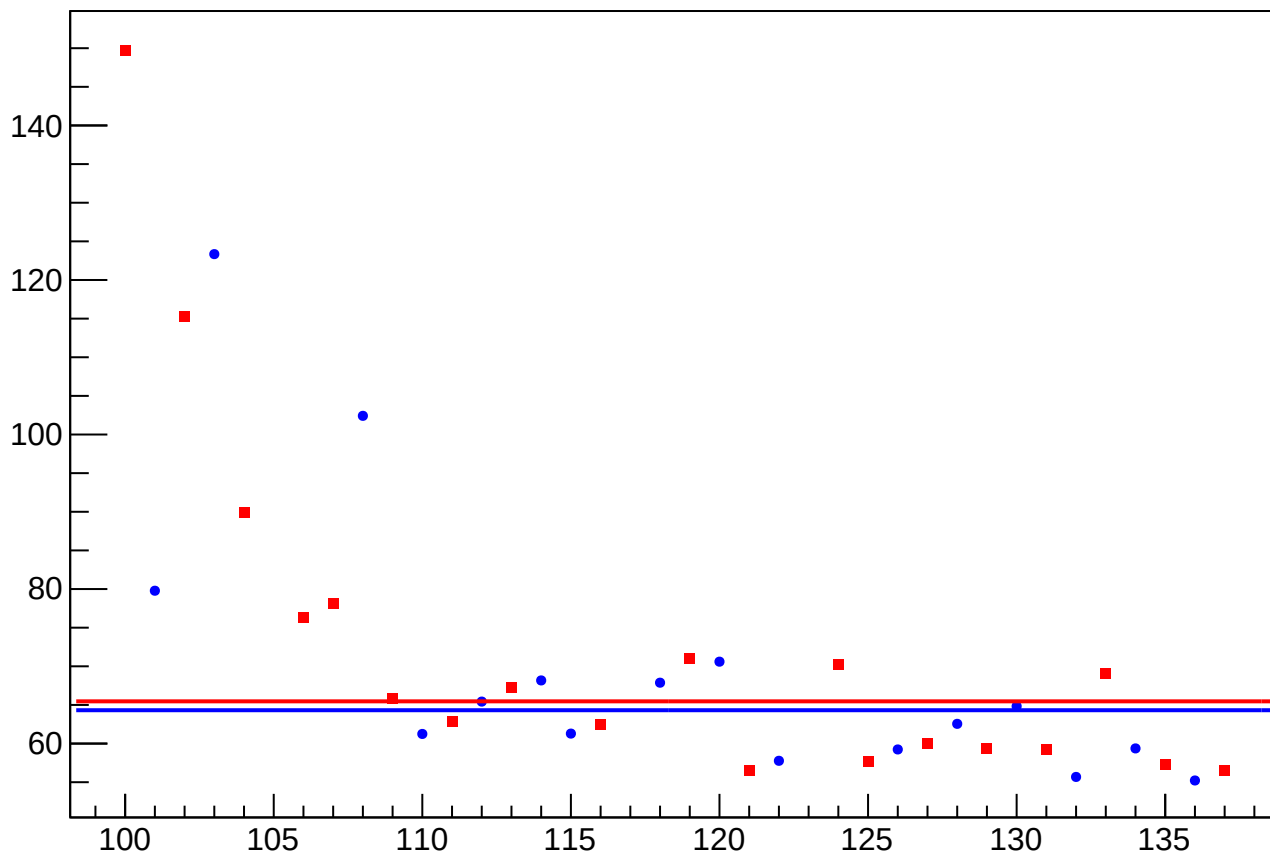
Right: 14.793+/-17.337 χ^2/NDF : 41.5/34

In: 36.157+/-24.471 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.793+/-17.337 χ^2/NDF : 41.5/34

eigen_dit_asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 64.316+/-0.017 χ^2/NDF : 532073.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.466+/-0.017 χ^2/NDF : 482367.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

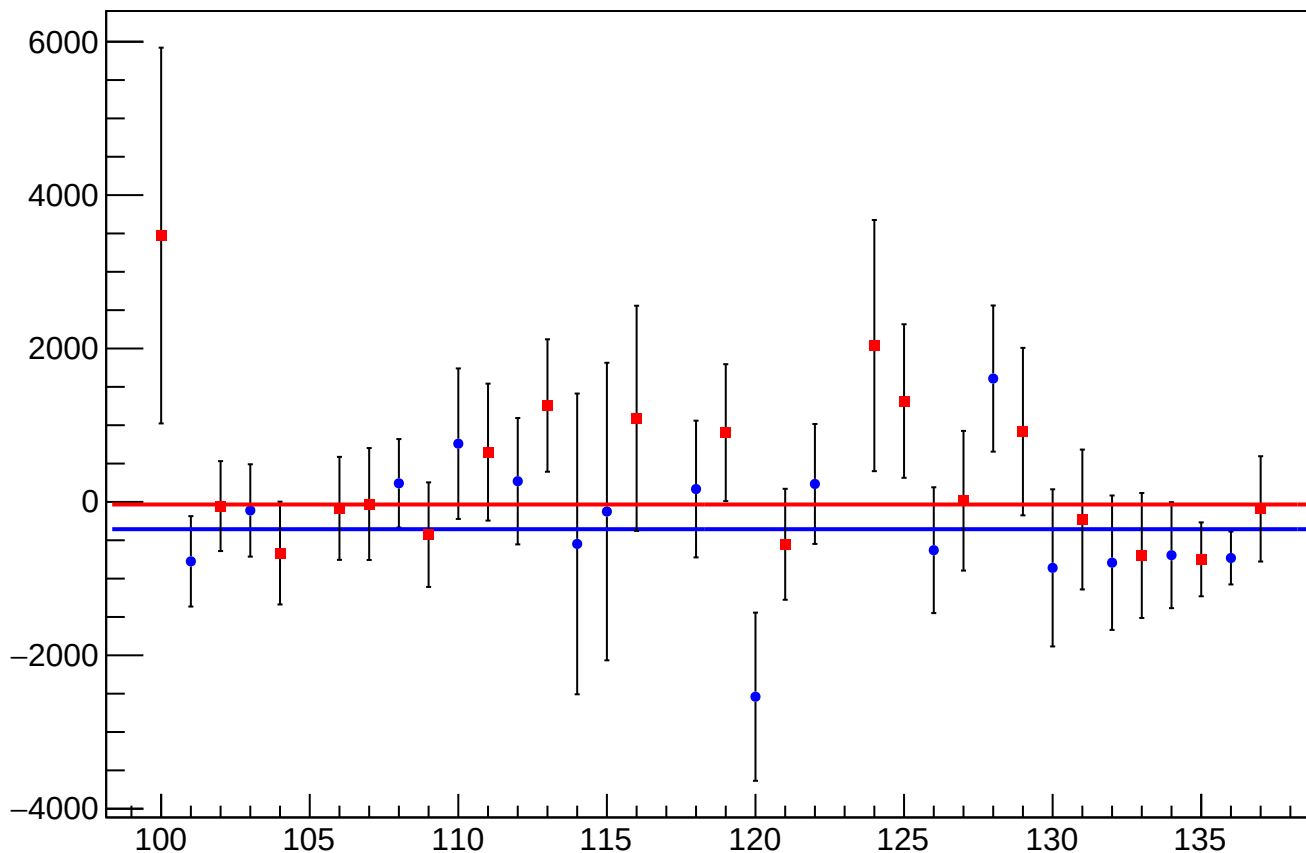
Right: 64.889+/-0.012 χ^2/NDF : 1016639.7/34

In: 64.316+/-0.017 χ^2/NDF : 532073.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.889+/-0.012 χ^2/NDF : 1016639.7/34

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -355.529 ± 180.334 χ^2/NDF : 14.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -33.787 ± 181.560 χ^2/NDF : 15.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

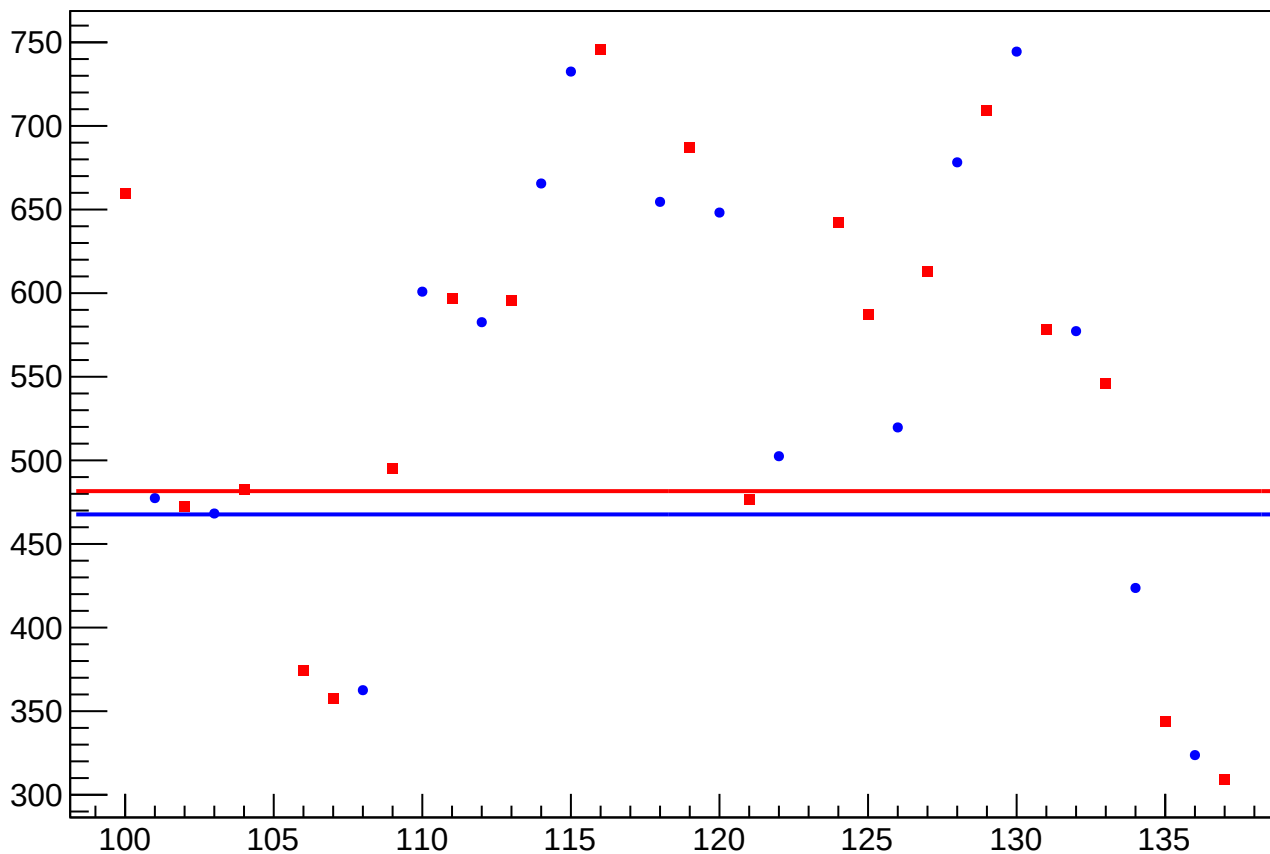
Right: -195.748 ± 127.947 χ^2/NDF : 31.8/34

In: -355.529 ± 180.334 χ^2/NDF : 14.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -195.748 ± 127.947 χ^2/NDF : 31.8/34

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 467.674+/-0.128 χ^2/NDF : 985945.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 481.599+/-0.128 χ^2/NDF : 854281.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

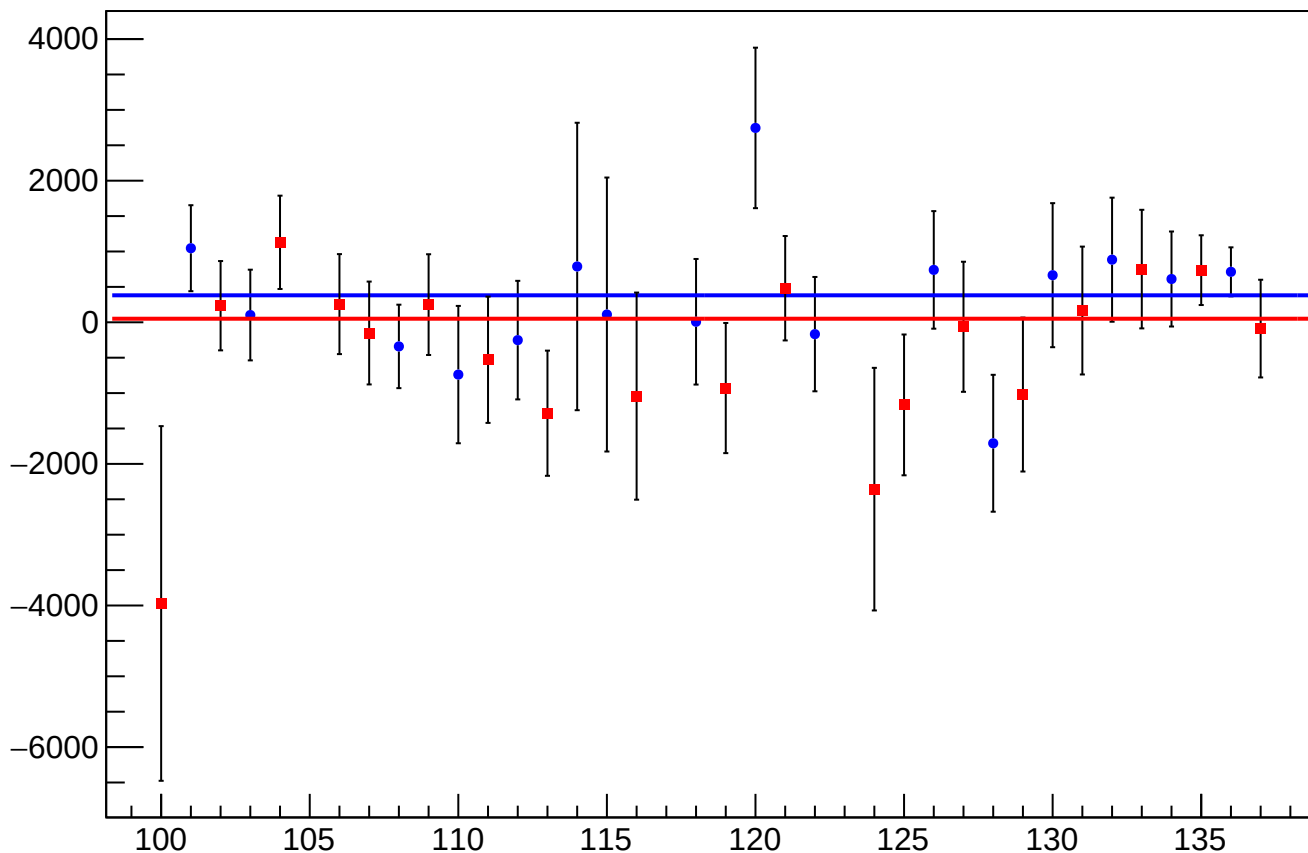
Right: 474.589+/-0.090 χ^2/NDF : 1846148.4/34

In: 467.674+/-0.128 χ^2/NDF : 985945.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.589+/-0.090 χ^2/NDF : 1846148.4/34

asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 381.086 $\pm$ 182.655 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.392 $\pm$ 185.262 χ^2 /NDF: 17.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

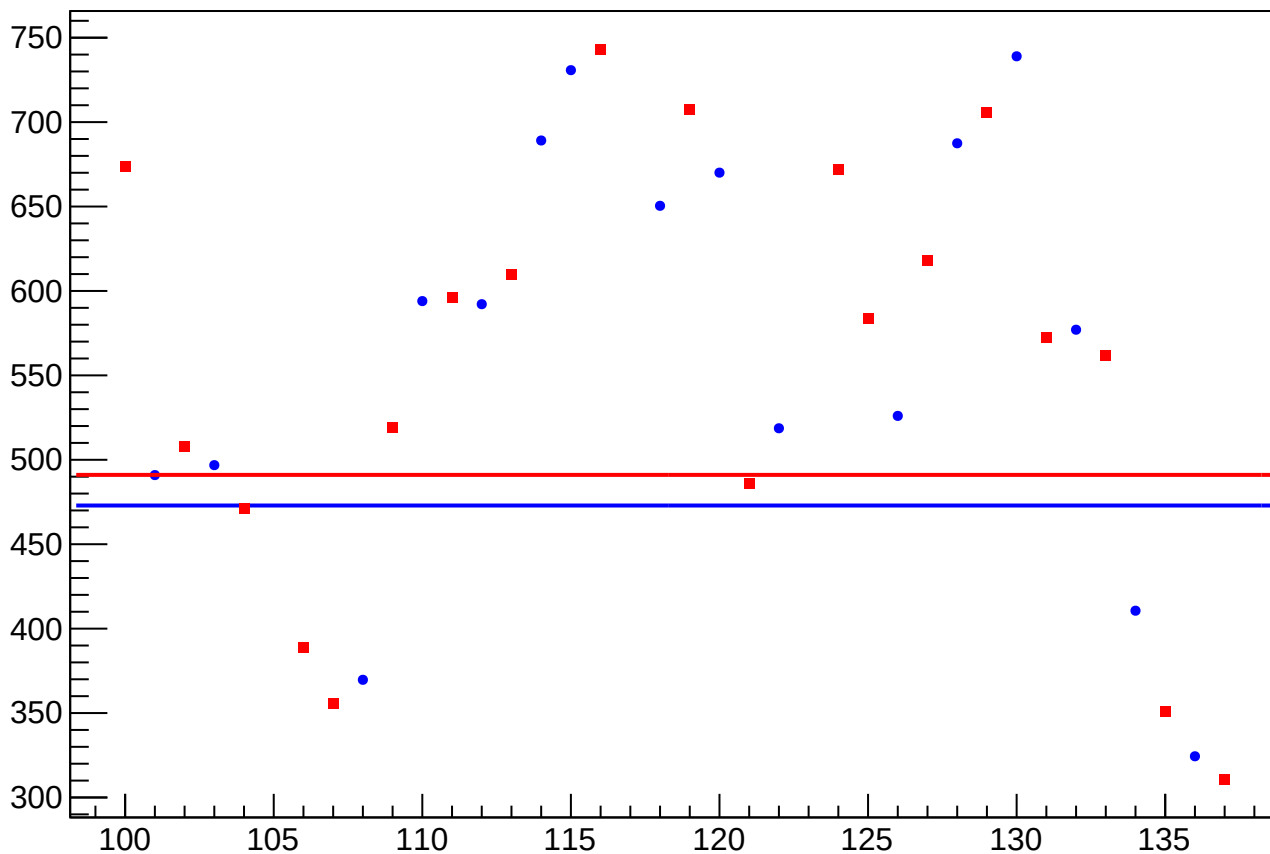
Right: 218.082 $\pm$ 130.069 χ^2 /NDF: 35.2/34

In: 381.086 $\pm$ 182.655 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.082 $\pm$ 130.069 χ^2 /NDF: 35.2/34

asym_sam_13_57_dd_rms vs Slug, Sign Corrected



Right In: 472.924+/-0.129 χ^2/NDF : 1000274.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 491.063+/-0.131 χ^2/NDF : 847493.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

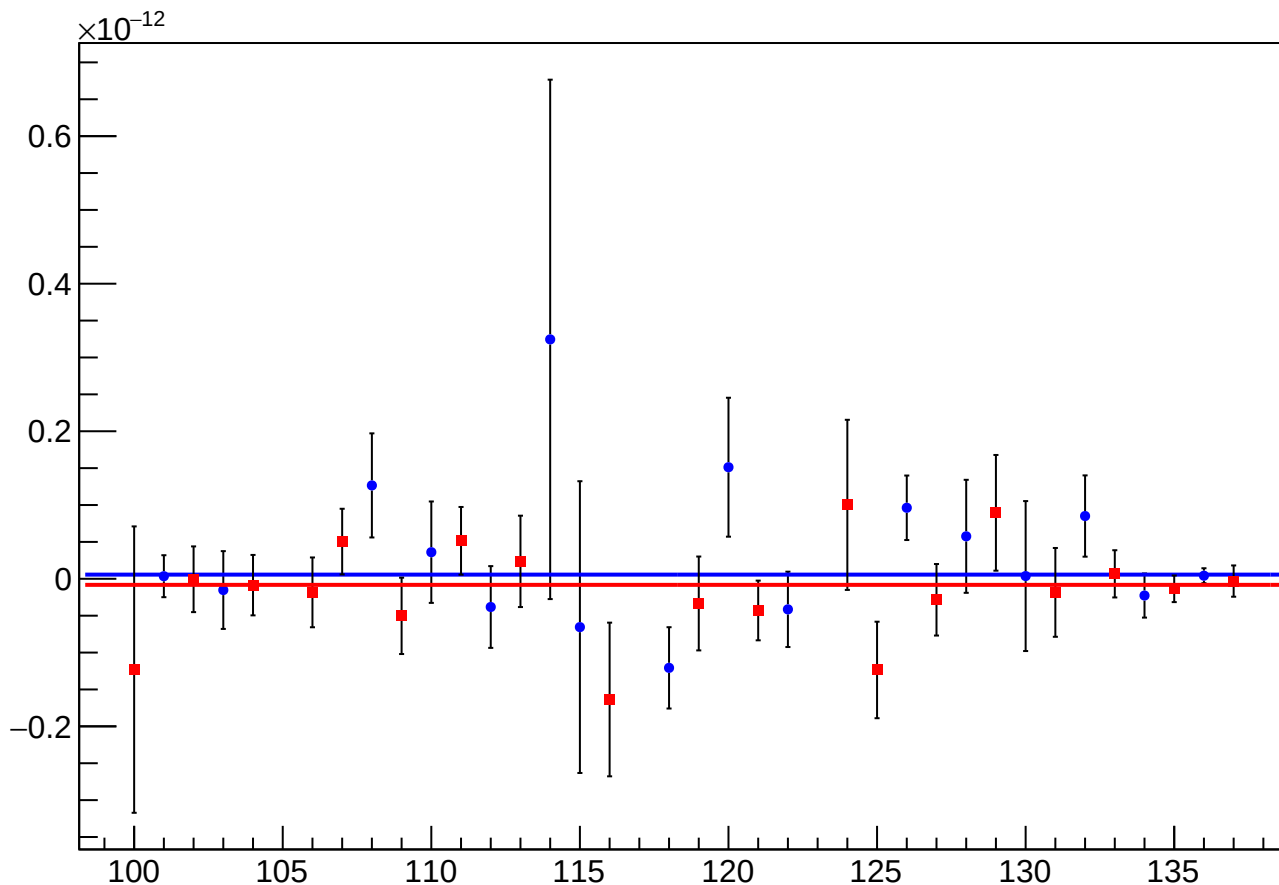
Right: 481.865+/-0.092 χ^2/NDF : 1857489.5/34

In: 472.924+/-0.129 χ^2/NDF : 1000274.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.865+/-0.092 χ^2/NDF : 1857489.5/34

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

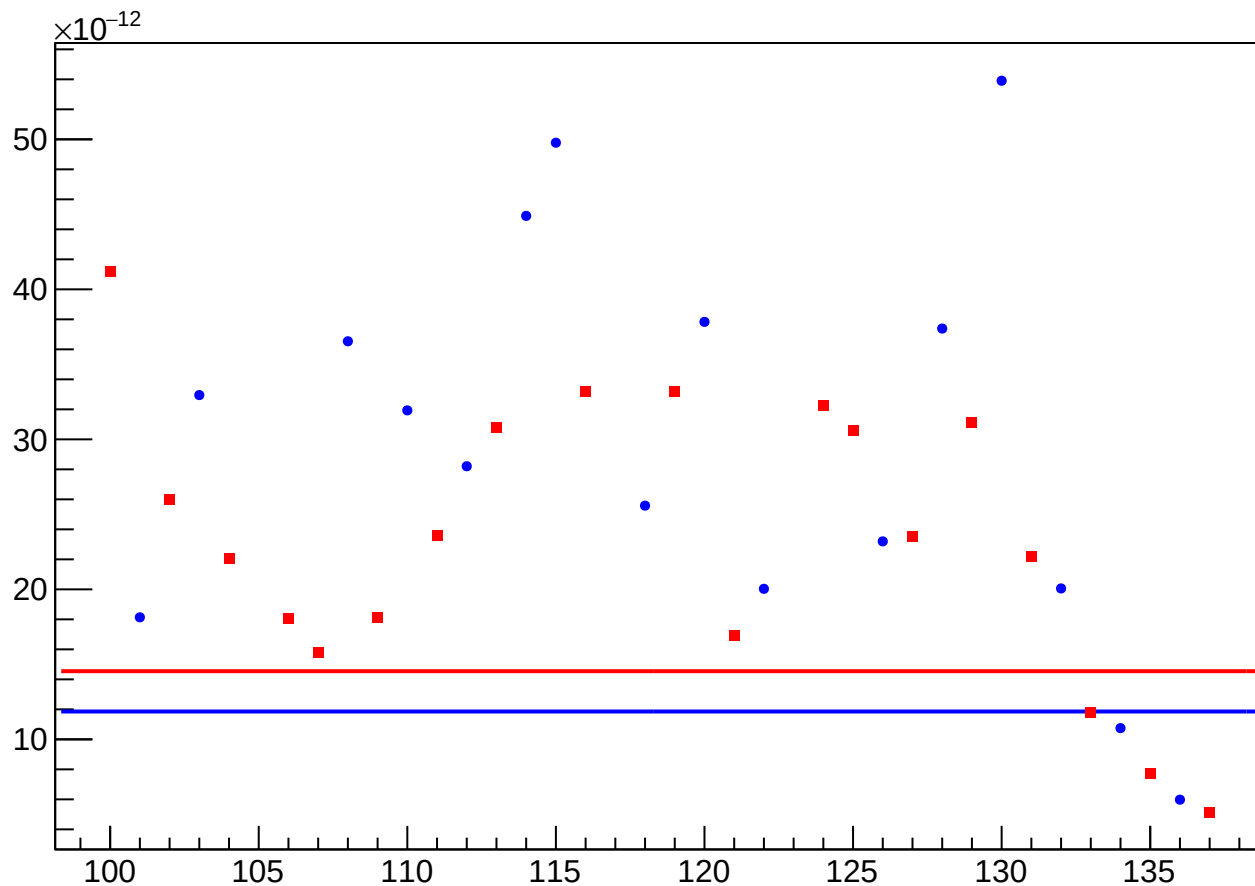
Right: -0.000+/-0.000 χ^2/NDF : 36.4/34

In: 0.000+/-0.000 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.4/34

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2848478.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1769864.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

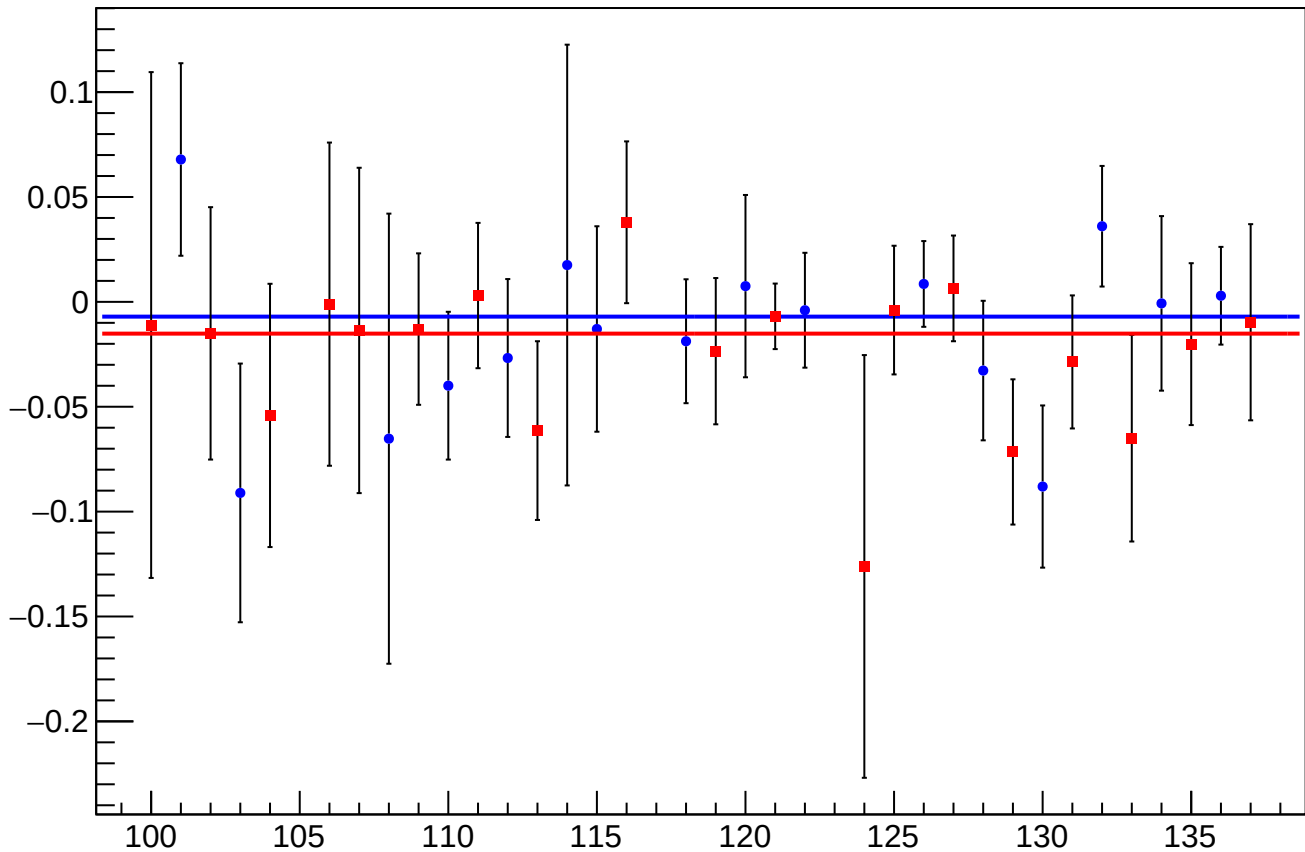
Right: 0.000+/-0.000 χ^2/NDF : 4713356.4/34

In: 0.000+/-0.000 χ^2/NDF : 2848478.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4713356.4/34

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.008 χ^2/NDF : 10.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

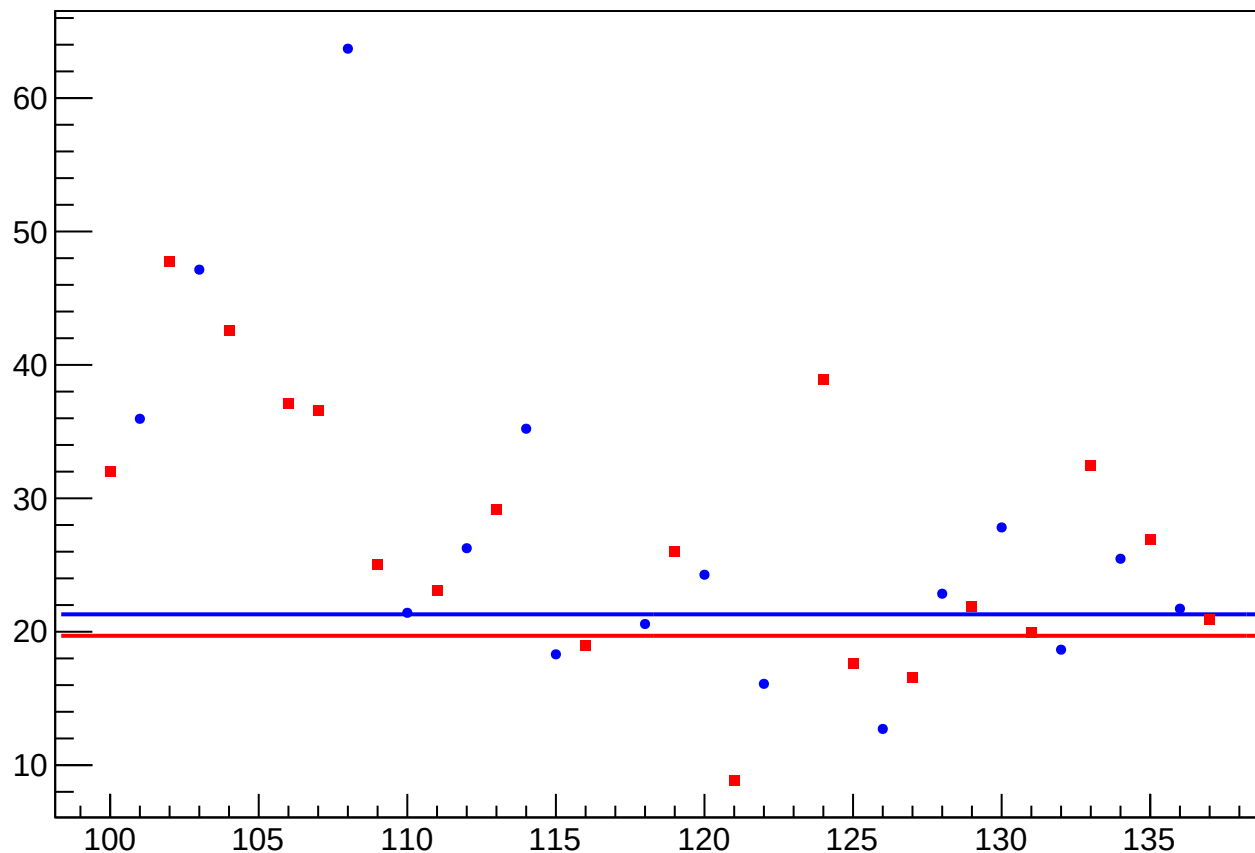
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/34

In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 24.9/34

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.305+/-0.006 χ^2/NDF : 1479398.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.697+/-0.006 χ^2/NDF : 2438979.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

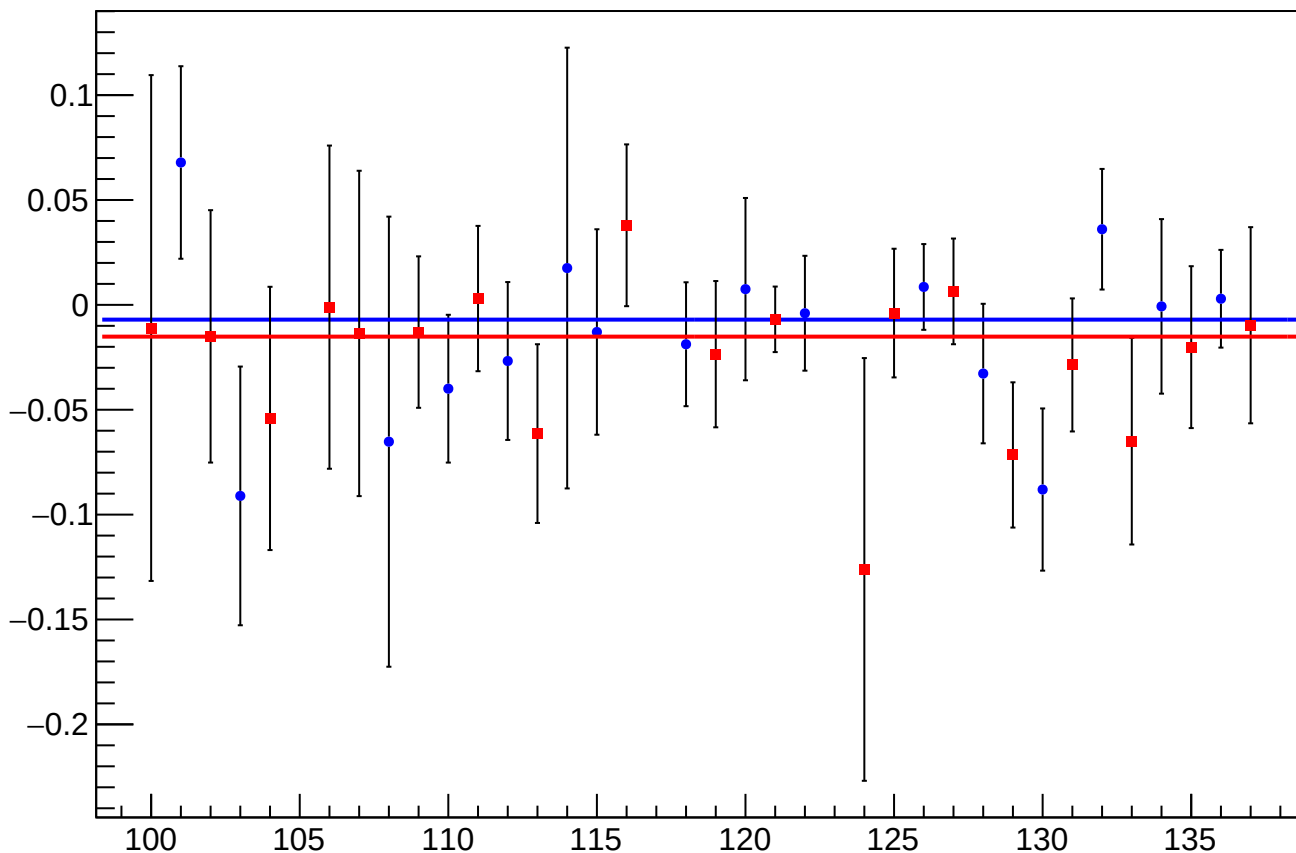
Right: 20.463+/-0.004 χ^2/NDF : 3954812.2/34

In: 21.305+/-0.006 χ^2/NDF : 1479398.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.463+/-0.004 χ^2/NDF : 3954812.2/34

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.008 χ^2/NDF : 10.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

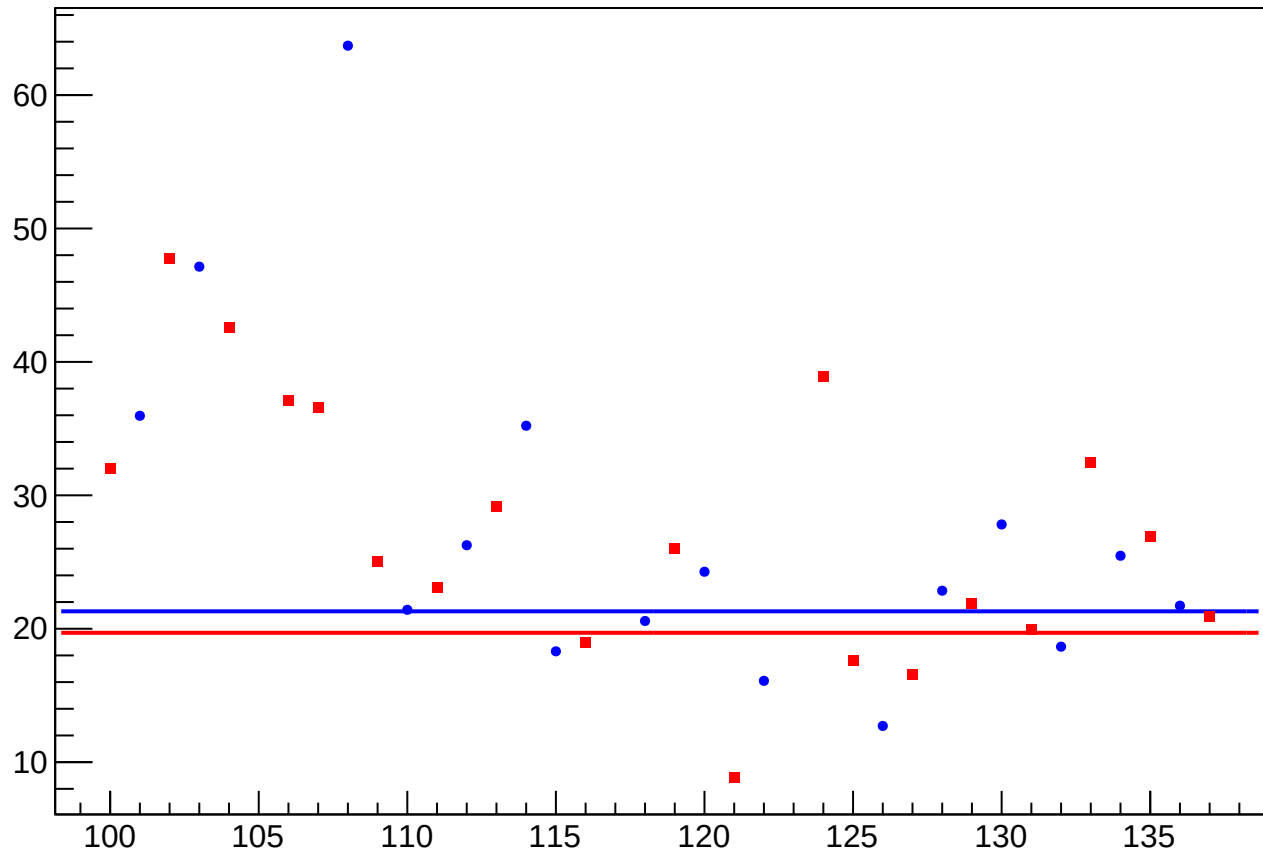
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/34

In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 24.9/34

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.305+/-0.006 χ^2/NDF : 1479398.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 19.697+/-0.006 χ^2/NDF : 2438979.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

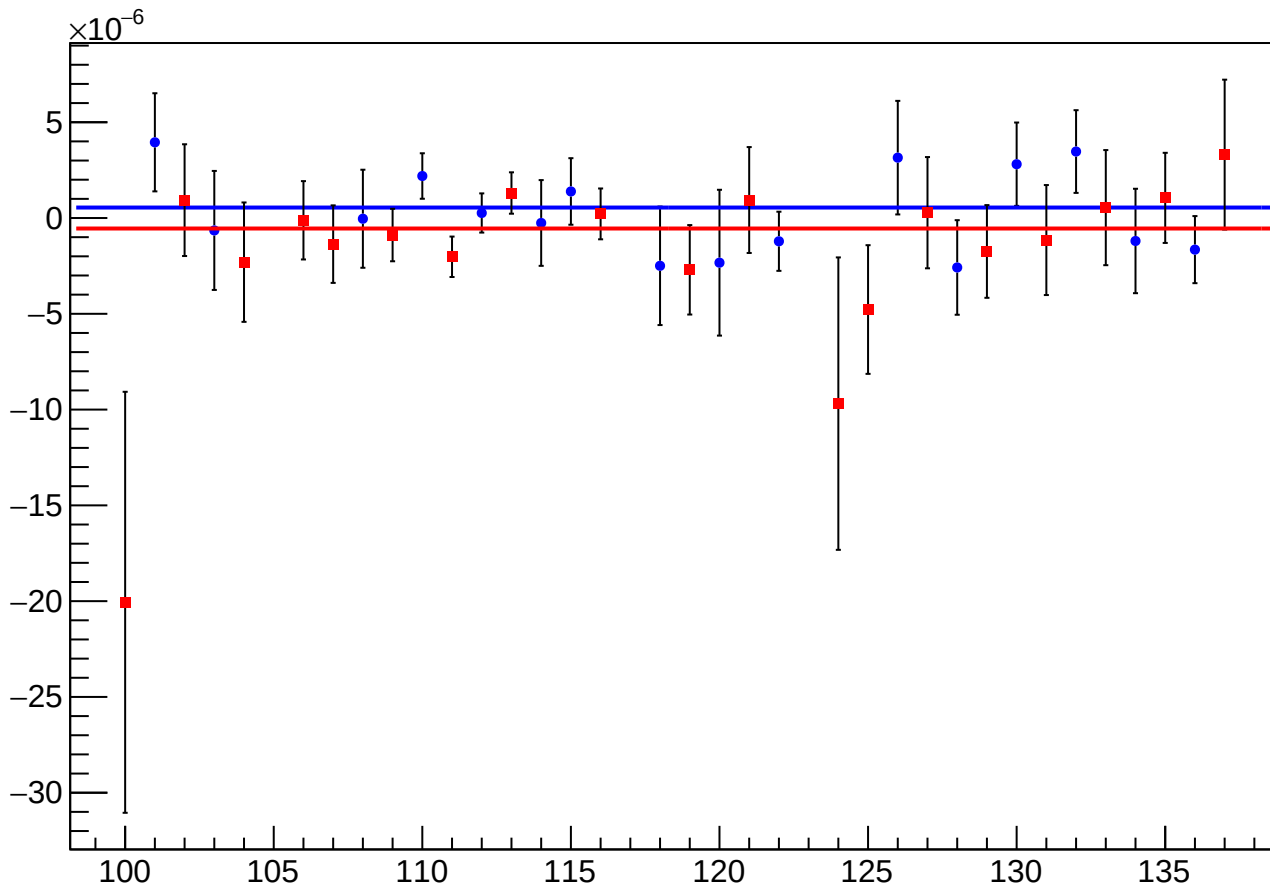
Right: 20.463+/-0.004 χ^2/NDF : 3954812.2/34

In: 21.305+/-0.006 χ^2/NDF :1479398.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.463+/-0.004 χ^2/NDF : 3954812.2/34

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

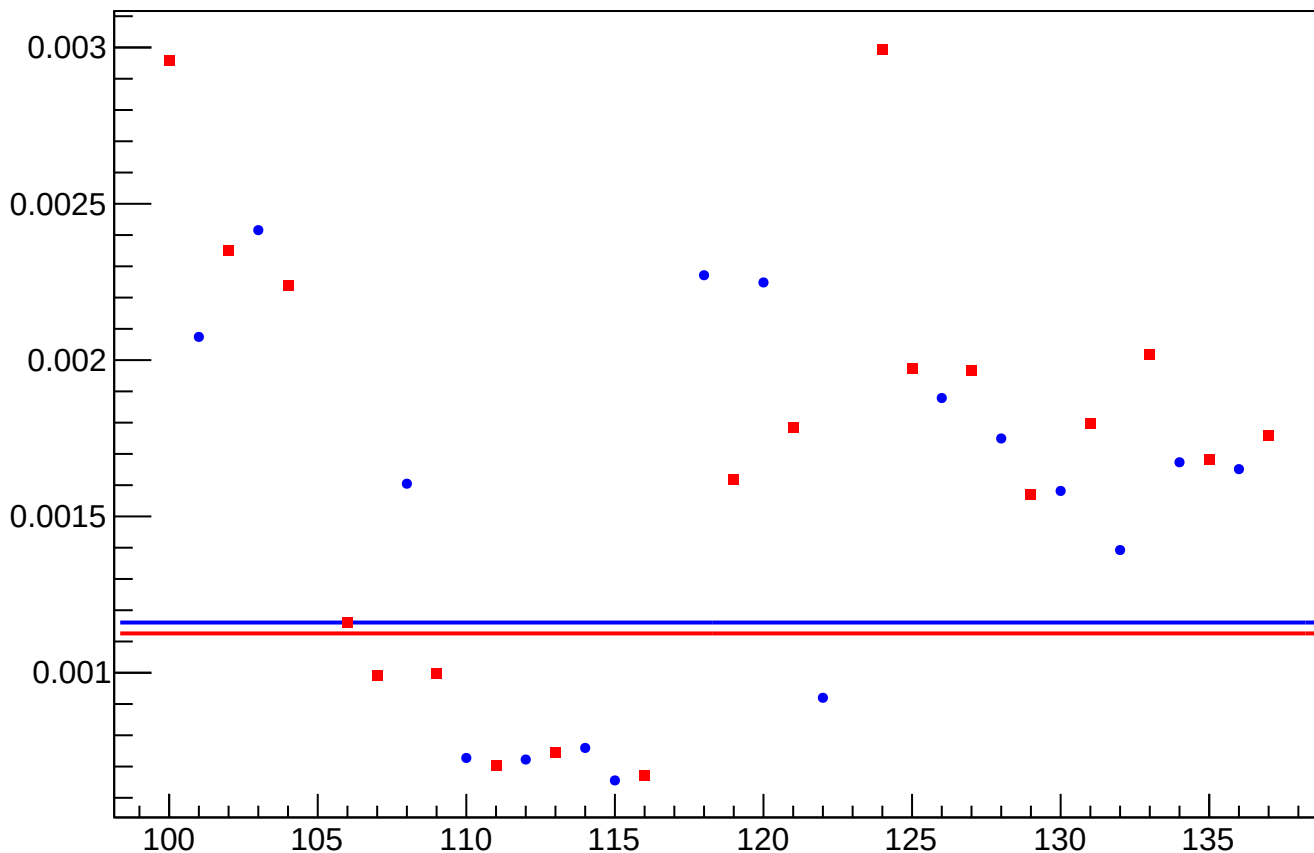
Right: -0.000+/-0.000 χ^2/NDF : 32.5/34

In: 0.000+/-0.000 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.5/34

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2534643.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2623987.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

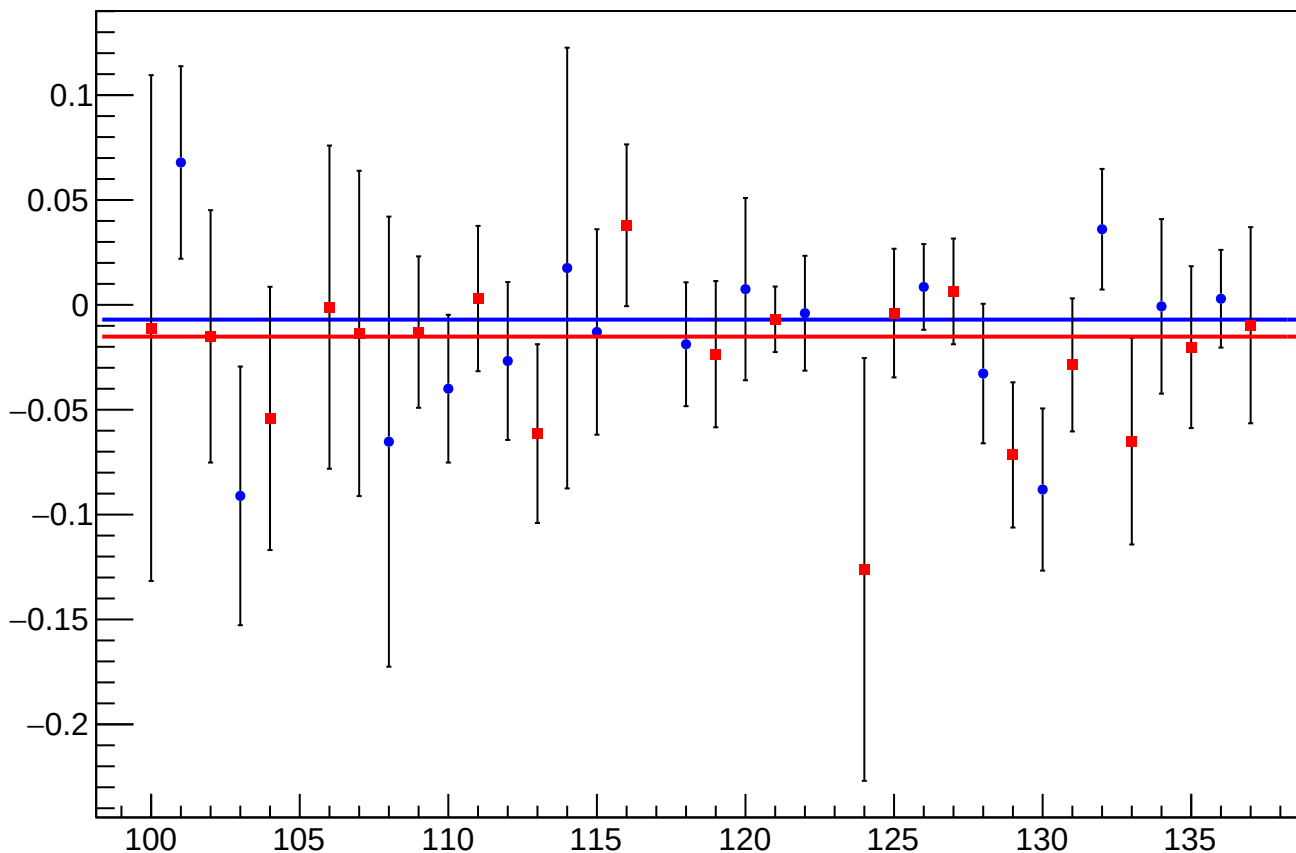
Right: 0.001+/-0.000 χ^2/NDF : 5164155.8/34

In: 0.001+/-0.000 χ^2/NDF :2534643.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5164155.8/34

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.008 χ^2/NDF : 10.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

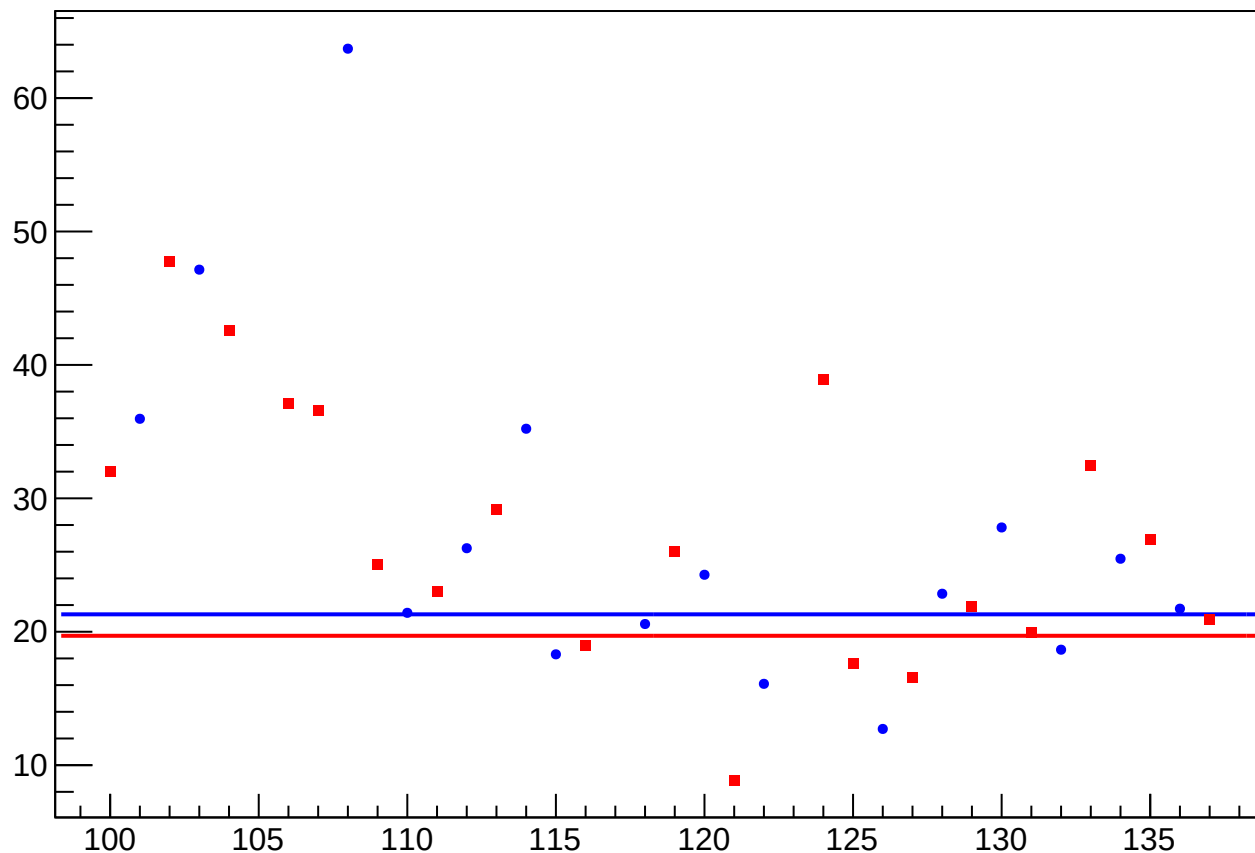
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/34

In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 24.9/34

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.306+/-0.006 χ^2/NDF : 1479231.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.698+/-0.006 χ^2/NDF : 2438612.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

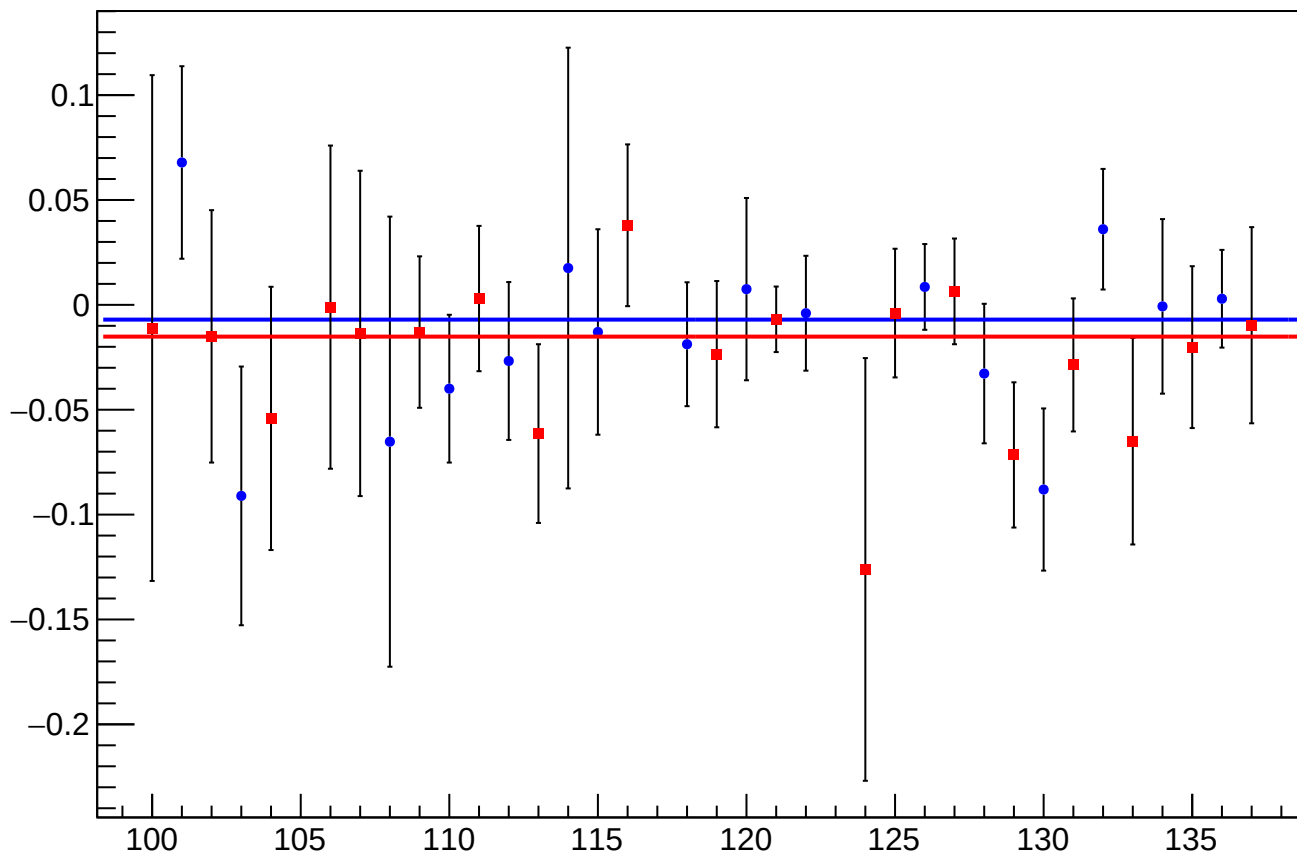
Right: 20.464+/-0.004 χ^2/NDF : 3954261.4/34

In: 21.306+/-0.006 χ^2/NDF : 1479231.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.464+/-0.004 χ^2/NDF : 3954261.4/34

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.015 ± 0.008 χ^2/NDF : 10.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

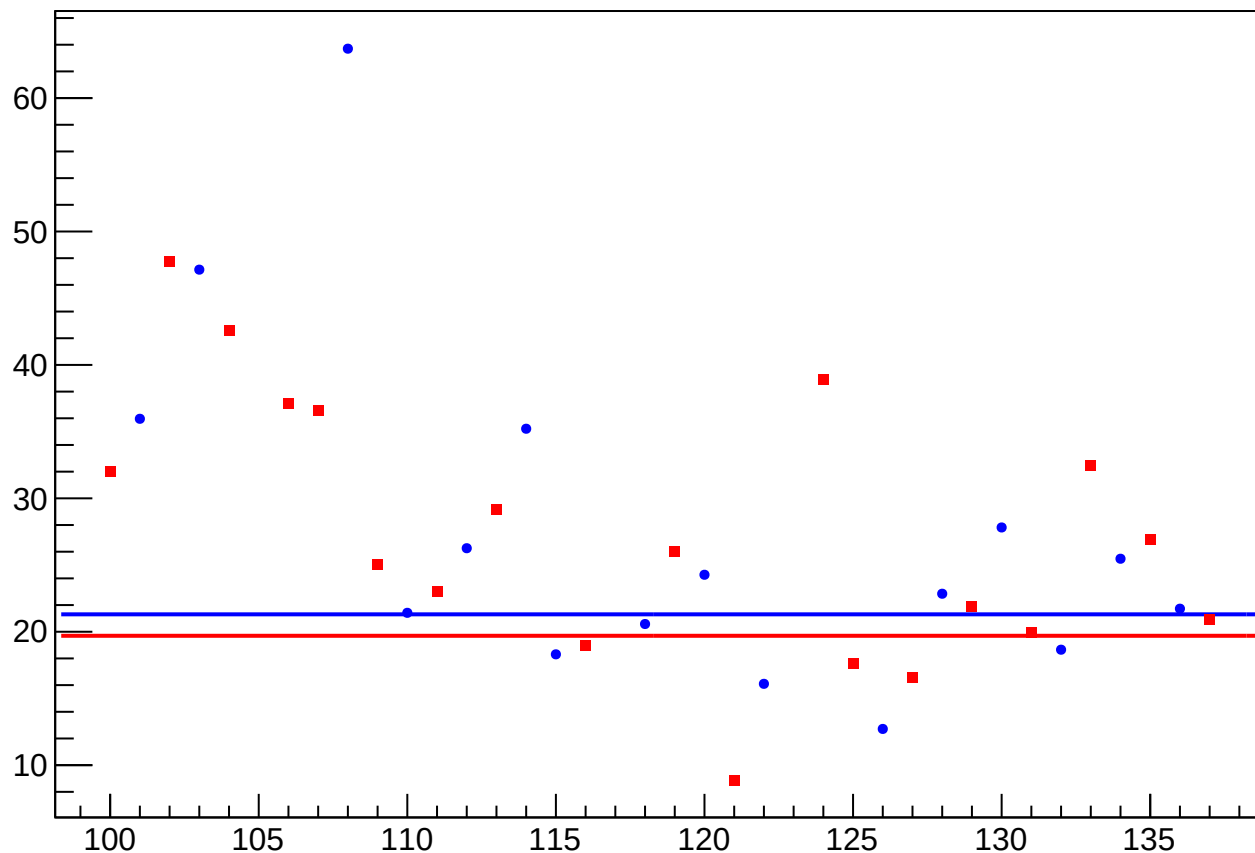
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/34

In: -0.007 ± 0.009 χ^2/NDF : 14.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.006 χ^2/NDF : 24.9/34

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.306+/-0.006 χ^2/NDF : 1479231.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.698+/-0.006 χ^2/NDF : 2438612.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

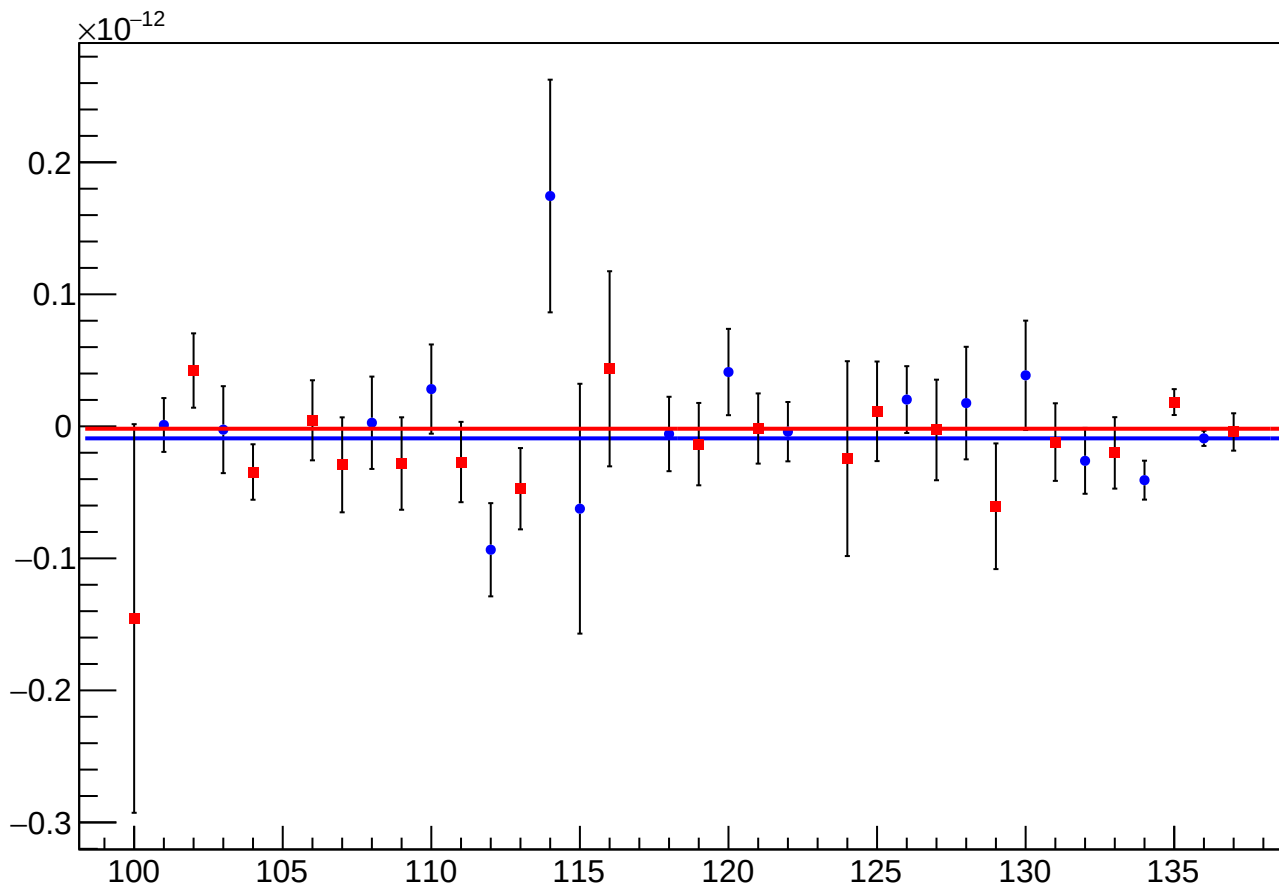
Right: 20.464+/-0.004 χ^2/NDF : 3954261.4/34

In: 21.306+/-0.006 χ^2/NDF : 1479231.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.464+/-0.004 χ^2/NDF : 3954261.4/34

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

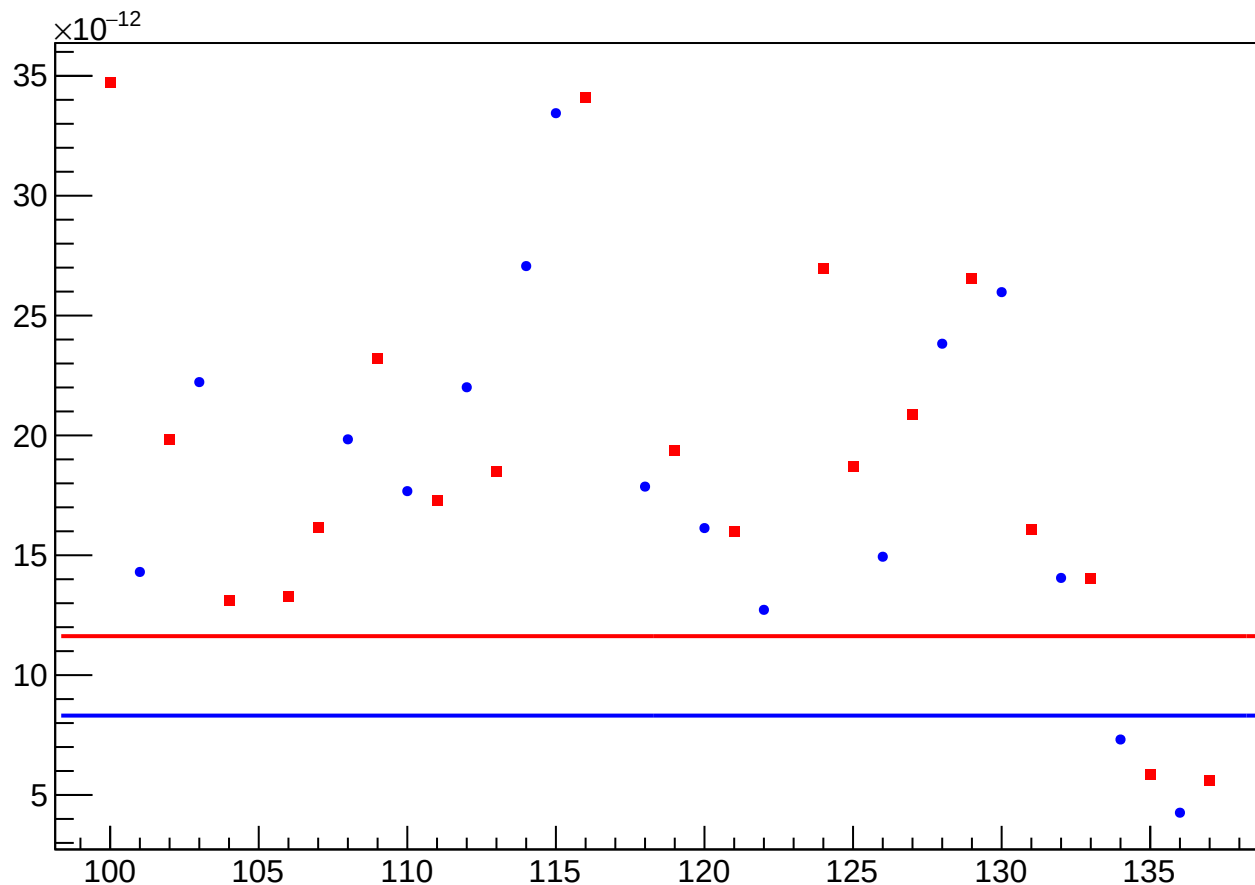
Right: -0.000+/-0.000 χ^2/NDF : 40.6/34

In: -0.000+/-0.000 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.6/34

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3731754.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2610908.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

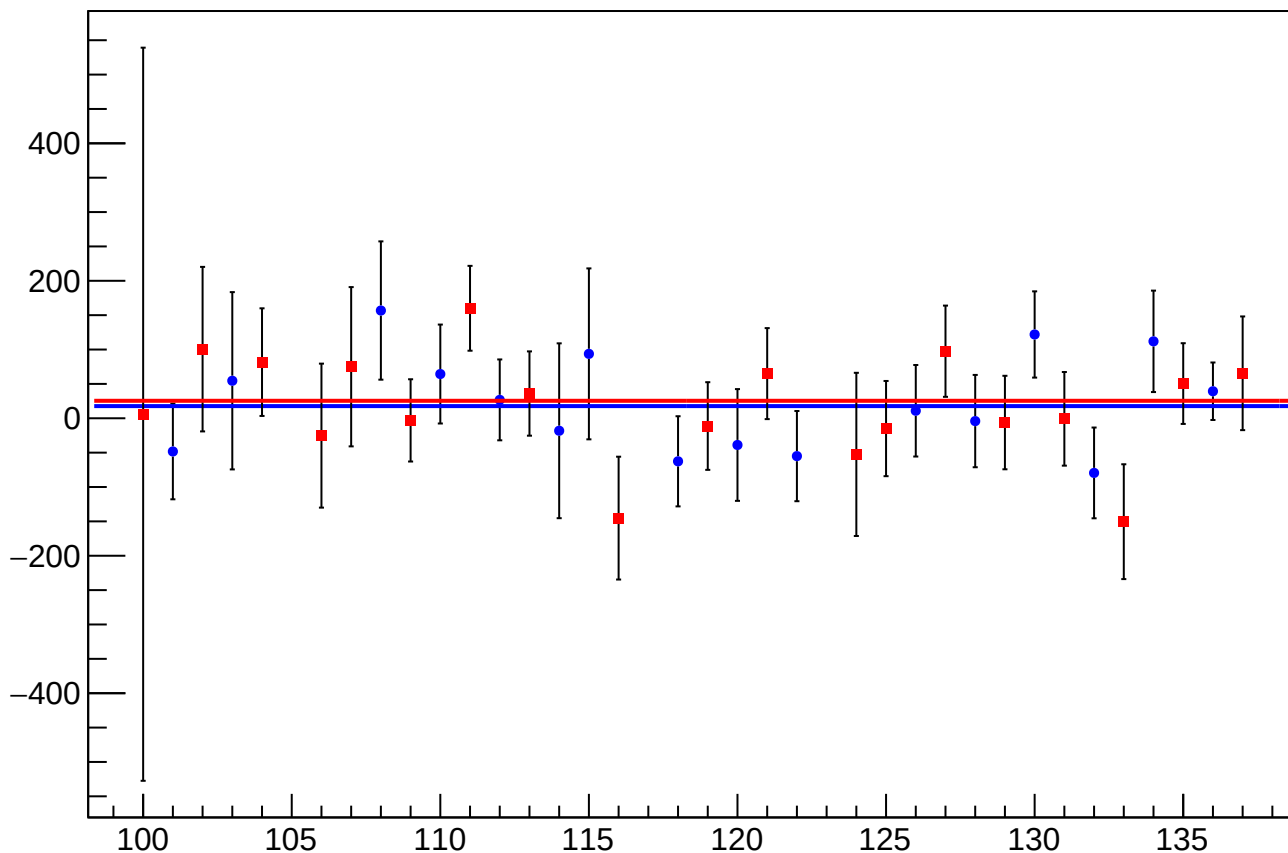
Right: 0.000+/-0.000 χ^2/NDF : 6760845.1/34

In: 0.000+/-0.000 χ^2/NDF : 3731754.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6760845.1/34

reg_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.701 $\pm$ 17.470 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.440 $\pm$ 17.337 χ^2 /NDF: 17.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

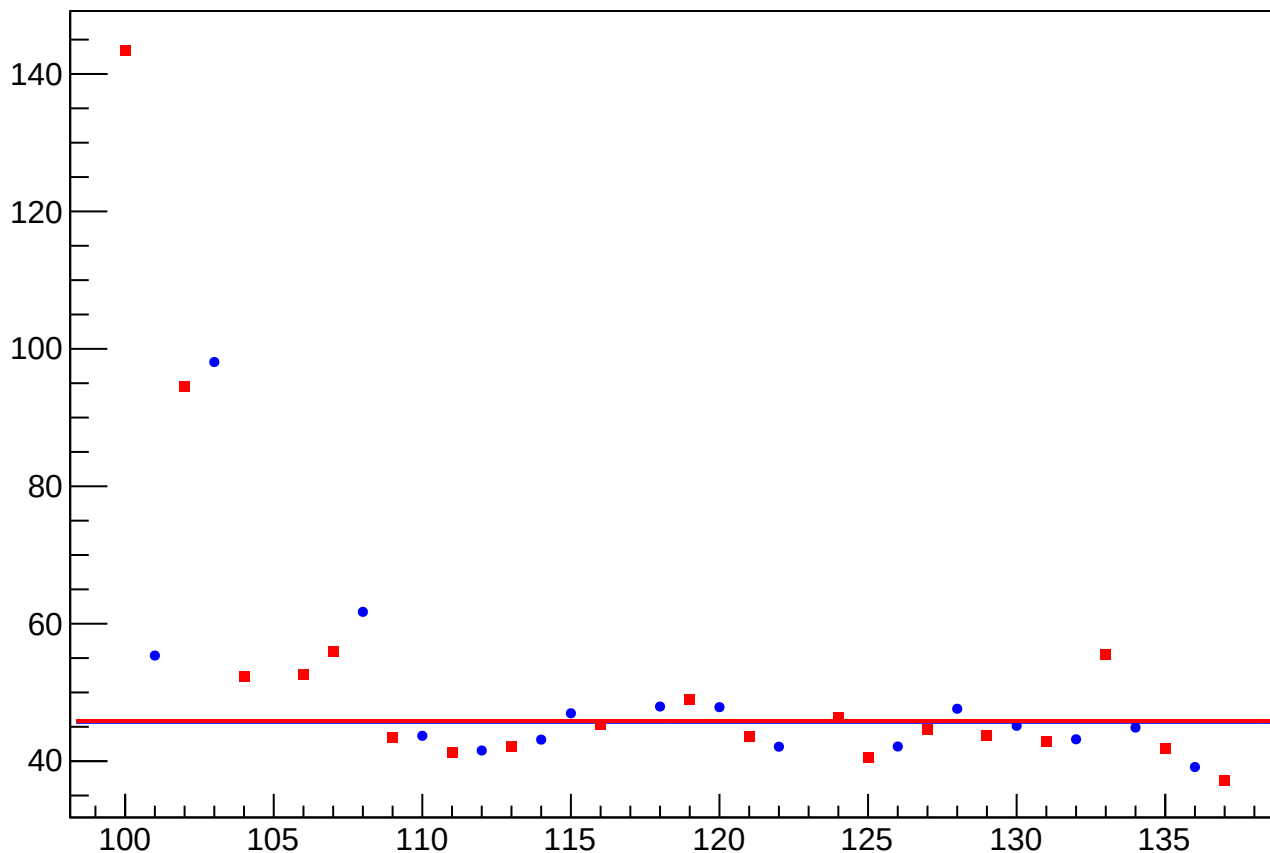
Right: 21.600 $\pm$ 12.306 χ^2 /NDF: 31.9/34

In: 17.701 $\pm$ 17.470 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.600 $\pm$ 12.306 χ^2 /NDF: 31.9/34

reg_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.727+/-0.012 χ^2/NDF : 501460.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.849+/-0.012 χ^2/NDF : 540156.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

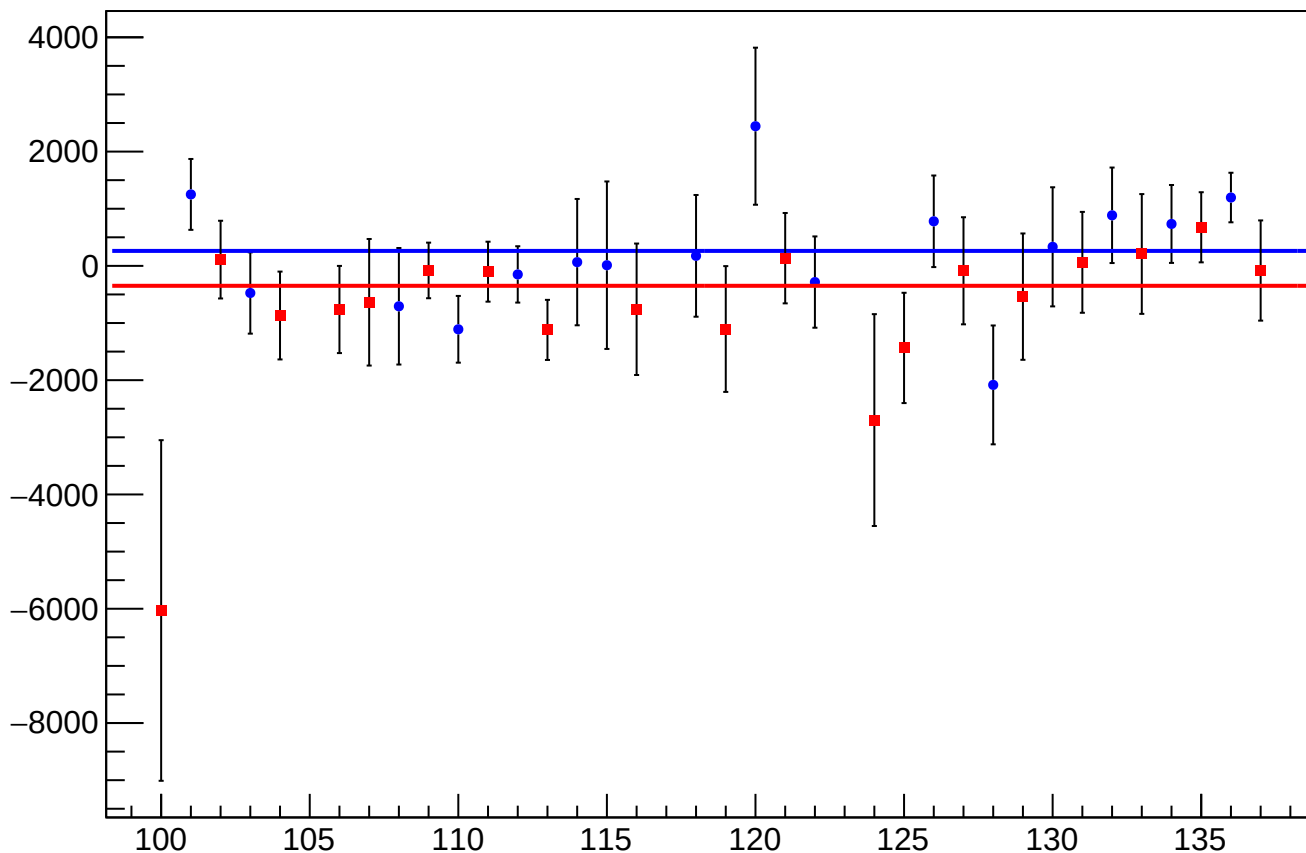
Right: 45.788+/-0.009 χ^2/NDF : 1041667.0/34

In: 45.727+/-0.012 χ^2/NDF : 501460.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.788+/-0.009 χ^2/NDF : 1041667.0/34

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 261.943 ± 185.211 χ^2/NDF : 25.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -348.685 ± 180.682 χ^2/NDF : 14.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

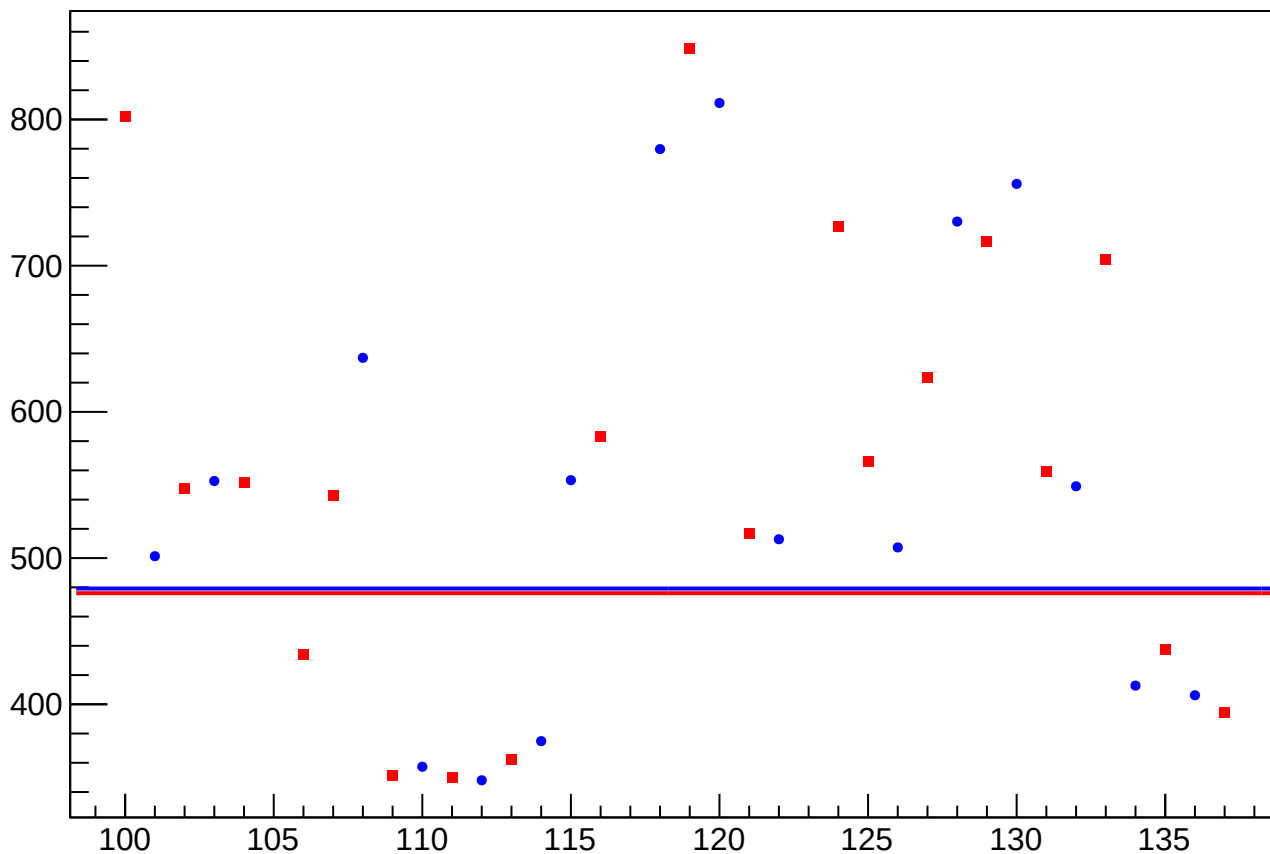
Right: -50.928 ± 129.333 χ^2/NDF : 45.5/34

In: 261.943 ± 185.211 χ^2/NDF : 25.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -50.928 ± 129.333 χ^2/NDF : 45.5/34

asym_sam_15_37_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 479.178+/-0.131 χ^2/NDF : 952693.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 475.992+/-0.128 χ^2/NDF : 1006487.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

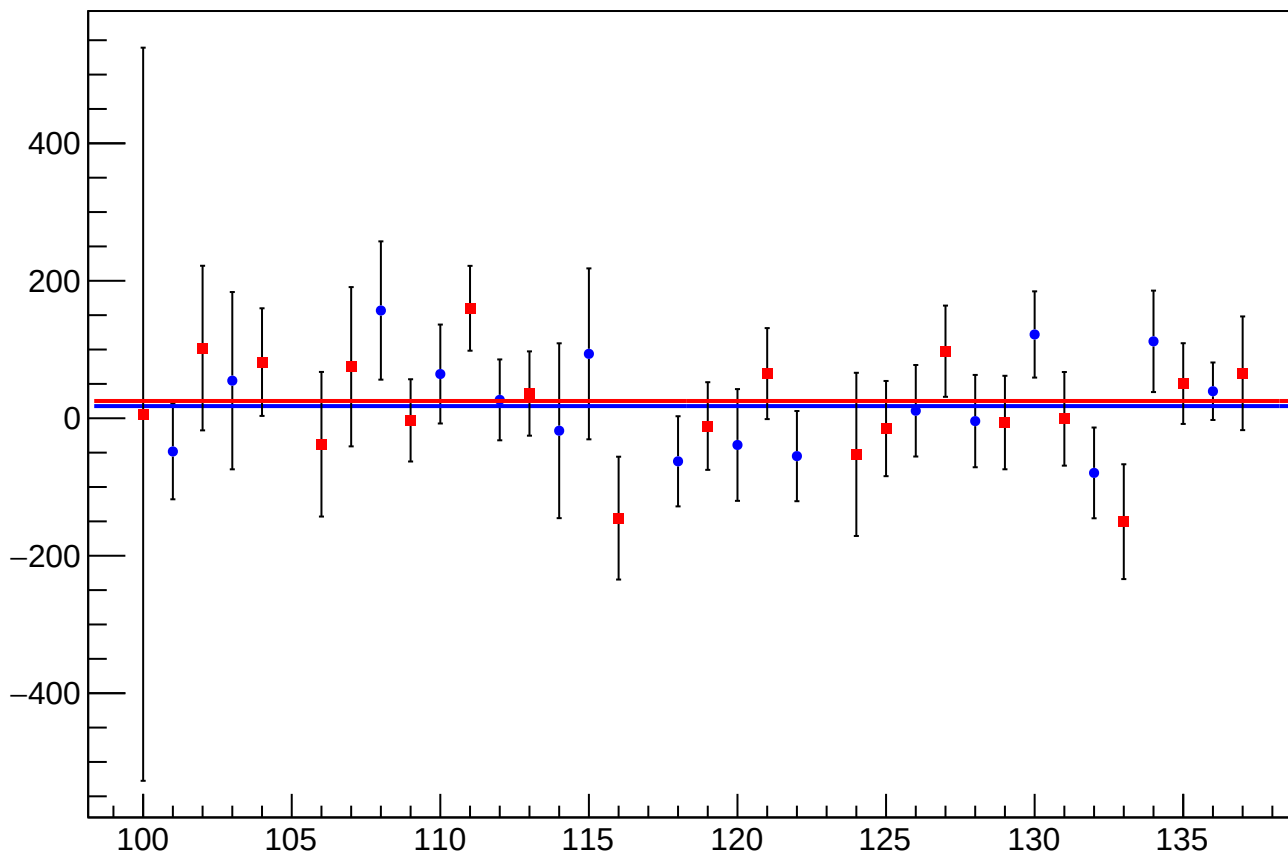
Right: 477.545+/-0.091 χ^2/NDF : 1959484.6/34

In: 479.178+/-0.131 χ^2/NDF : 952693.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.545+/-0.091 χ^2/NDF : 1959484.6/34

cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.706+/-17.470 χ^2/NDF : 13.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.145+/-17.339 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

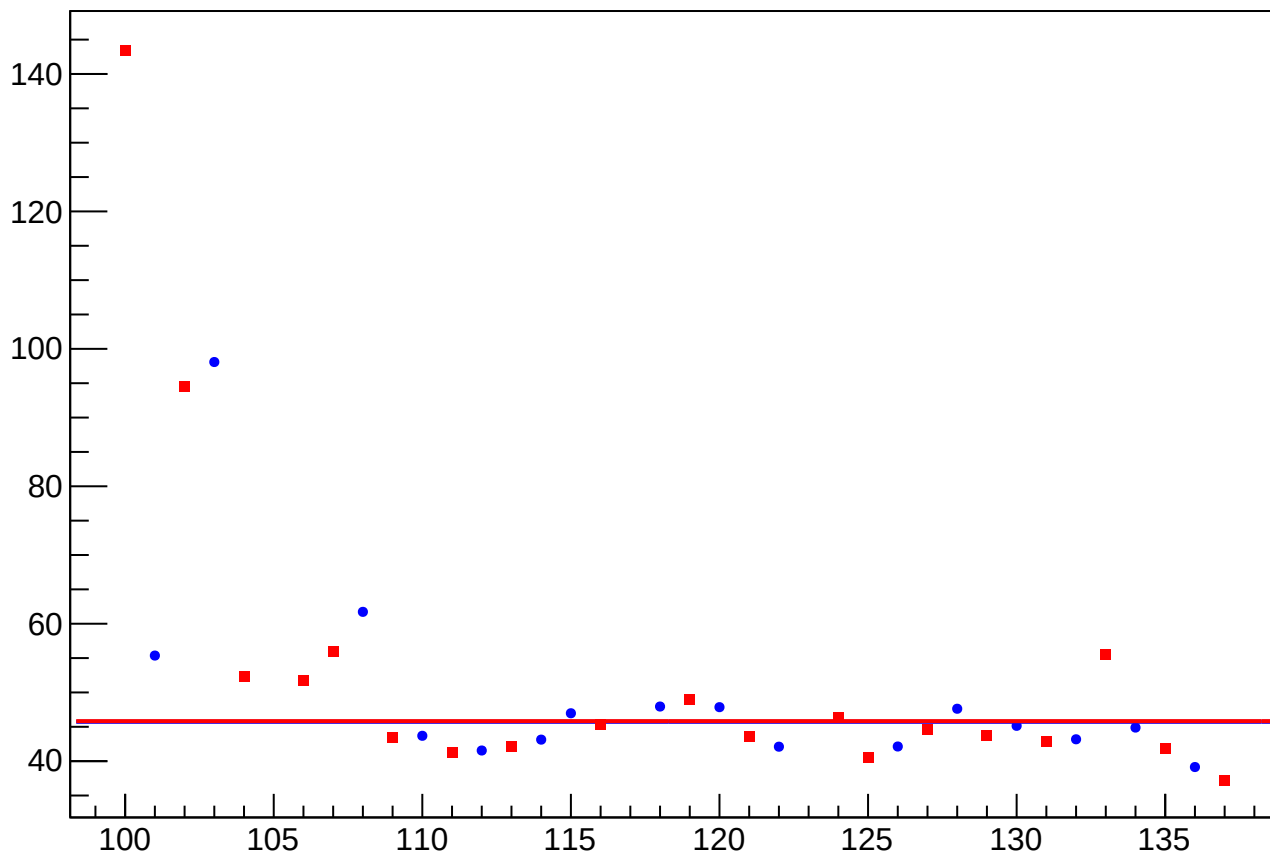
Right: 21.453+/-12.307 χ^2/NDF : 32.0/34

In: 17.706+/-17.470 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.453+/-12.307 χ^2/NDF : 32.0/34

cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.825+/-0.012 χ^2/NDF : 538470.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

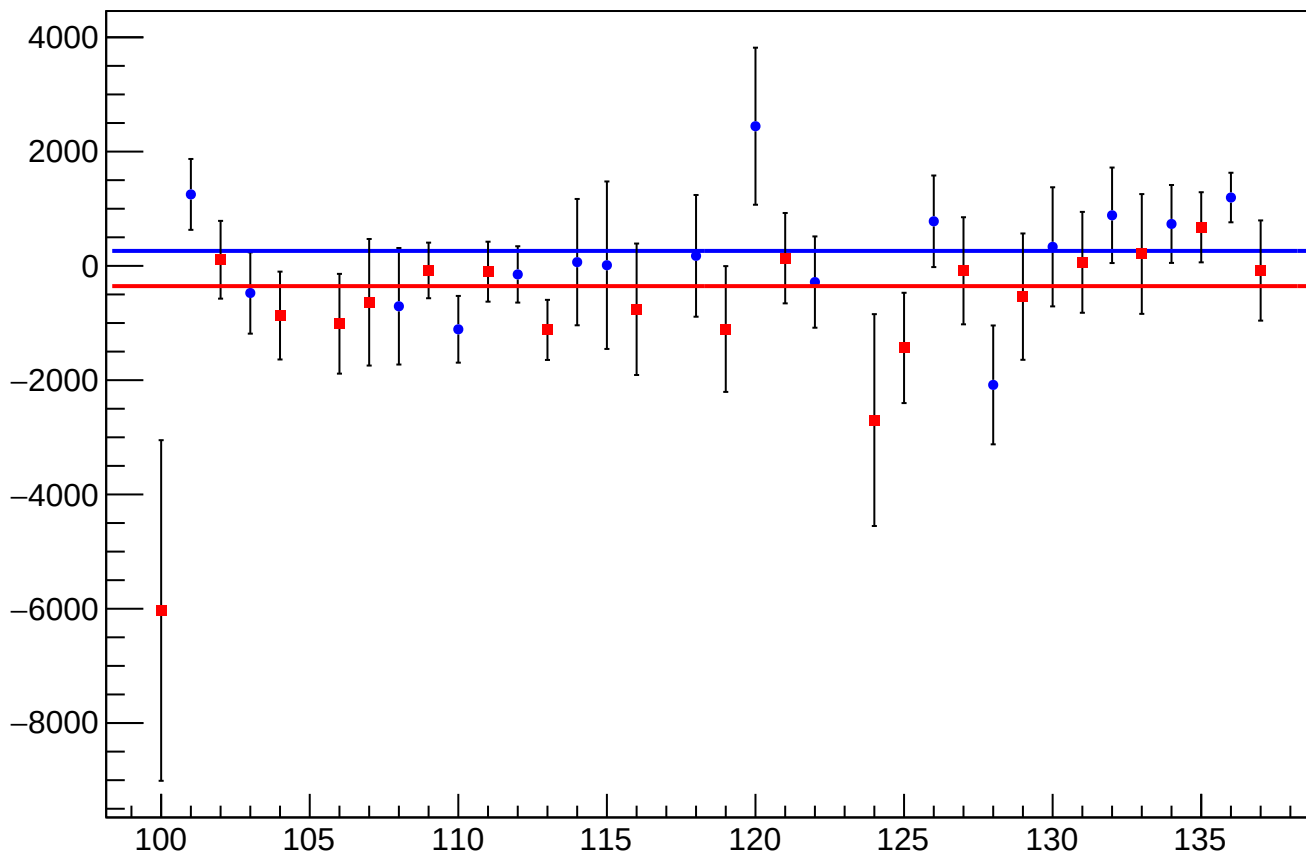
Right: 45.776+/-0.009 χ^2/NDF : 1039966.5/34

In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.776+/-0.009 χ^2/NDF : 1039966.5/34

asym_sam_15_37_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 261.947 $\pm$ 185.212 χ^2 /NDF: 25.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -354.204 $\pm$ 181.903 χ^2 /NDF: 15.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

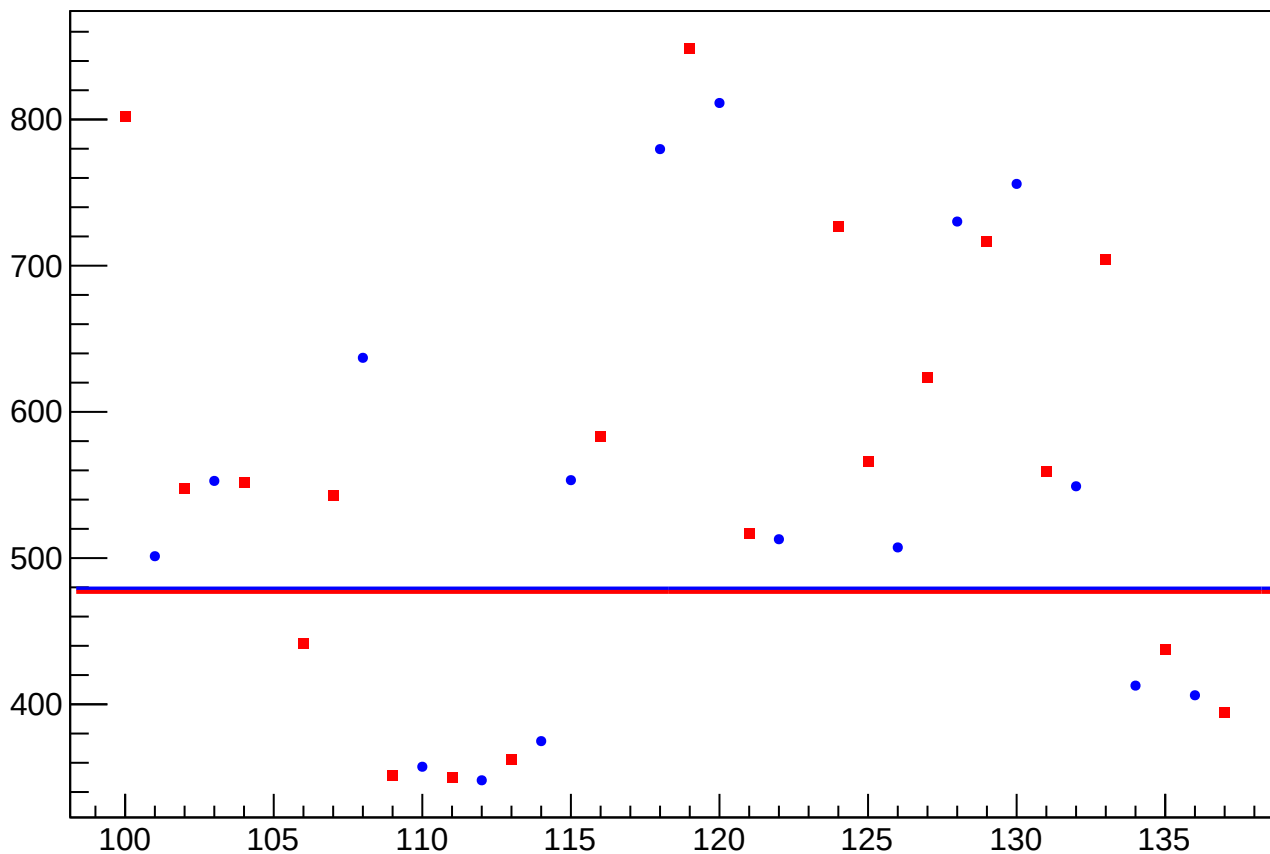
Right: -51.682 $\pm$ 129.779 χ^2 /NDF: 45.8/34

In: 261.947 $\pm$ 185.212 χ^2 /NDF:25.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.682 $\pm$ 129.779 χ^2 /NDF: 45.8/34

asym_sam_15_37_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.893+/-0.129 χ^2/NDF : 1003767.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

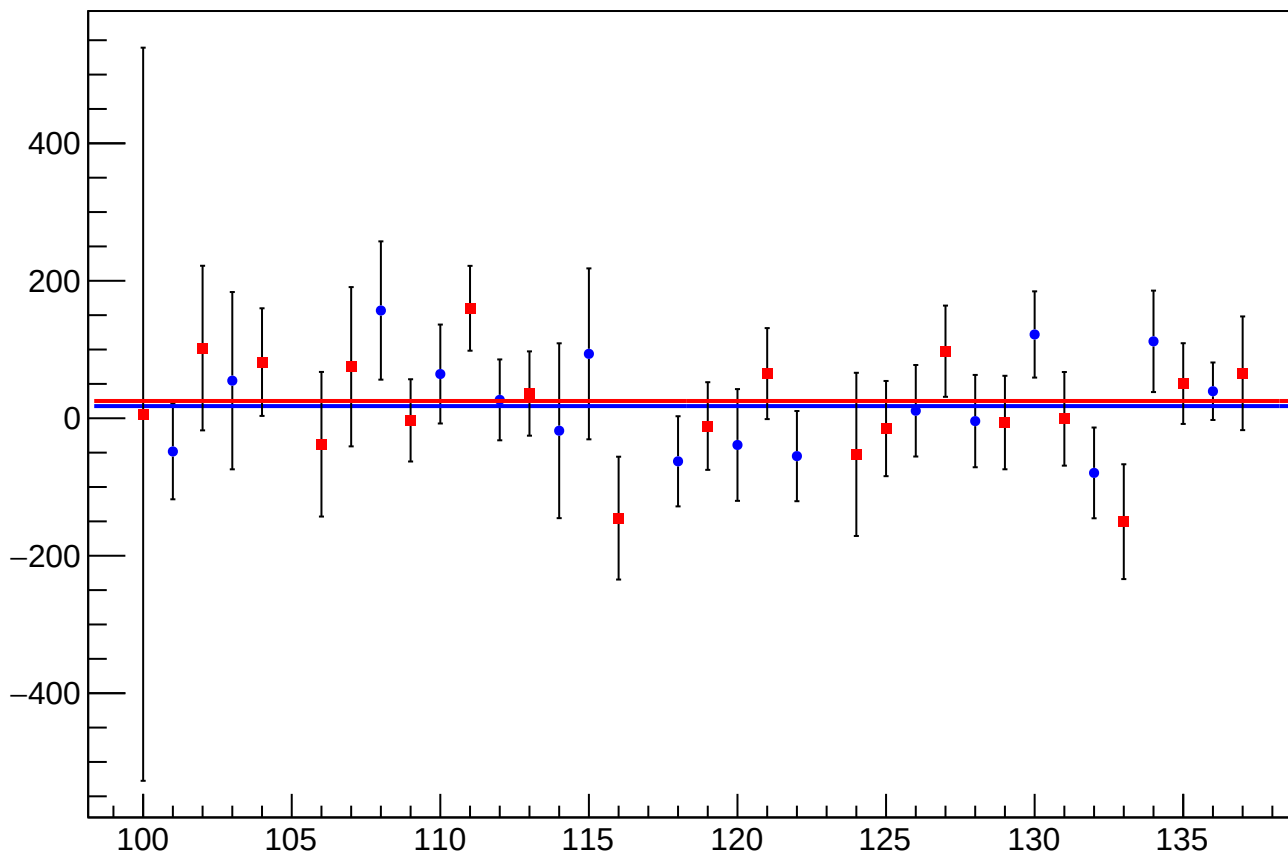
Right: 478.016+/-0.092 χ^2/NDF : 1956645.2/34

In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.016+/-0.092 χ^2/NDF : 1956645.2/34

eigen_cor_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 17.706 $\pm$ 17.470 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.145 $\pm$ 17.339 χ^2 /NDF: 18.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

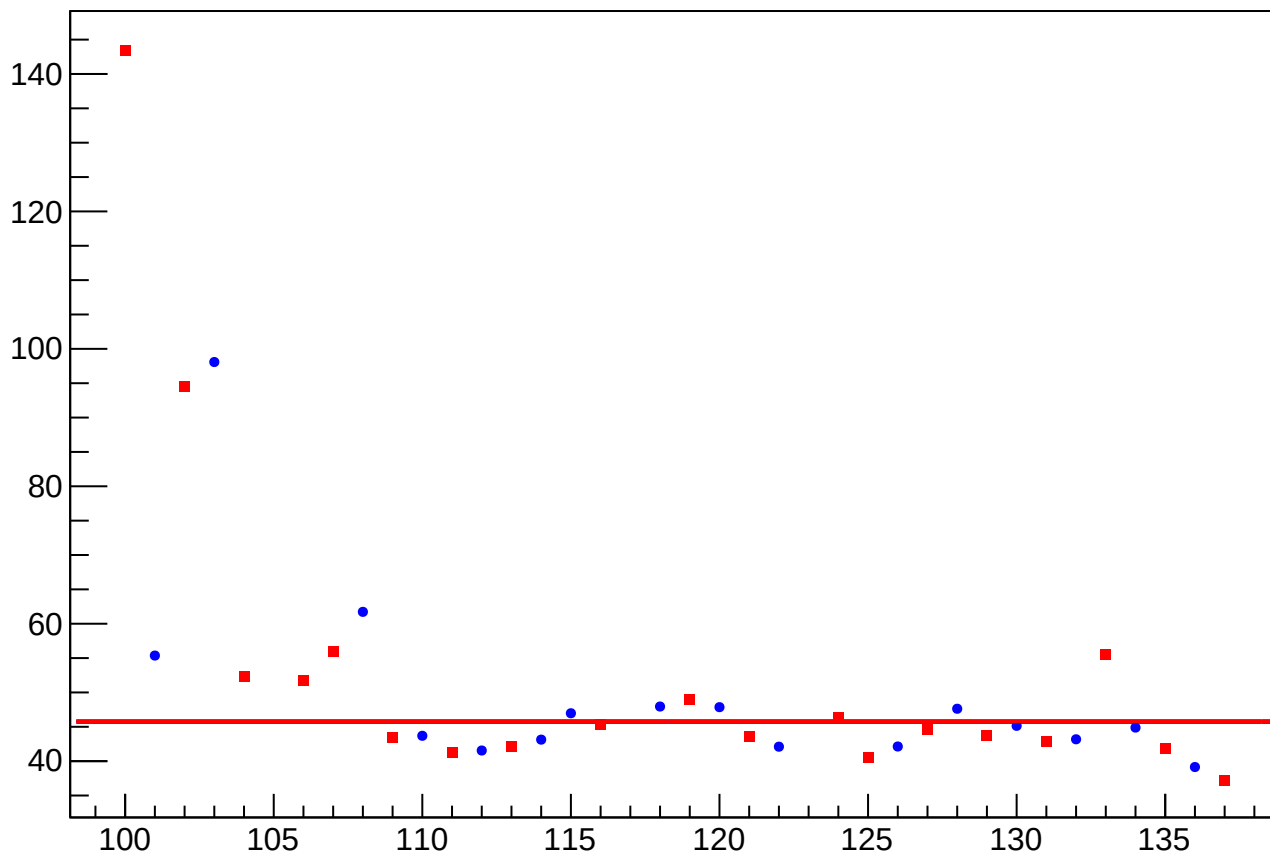
Right: 21.453 $\pm$ 12.307 χ^2 /NDF: 32.0/34

In: 17.706 $\pm$ 17.470 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 21.453 $\pm$ 12.307 χ^2 /NDF: 32.0/34

eigen_cor_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.825+/-0.012 χ^2/NDF : 538470.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

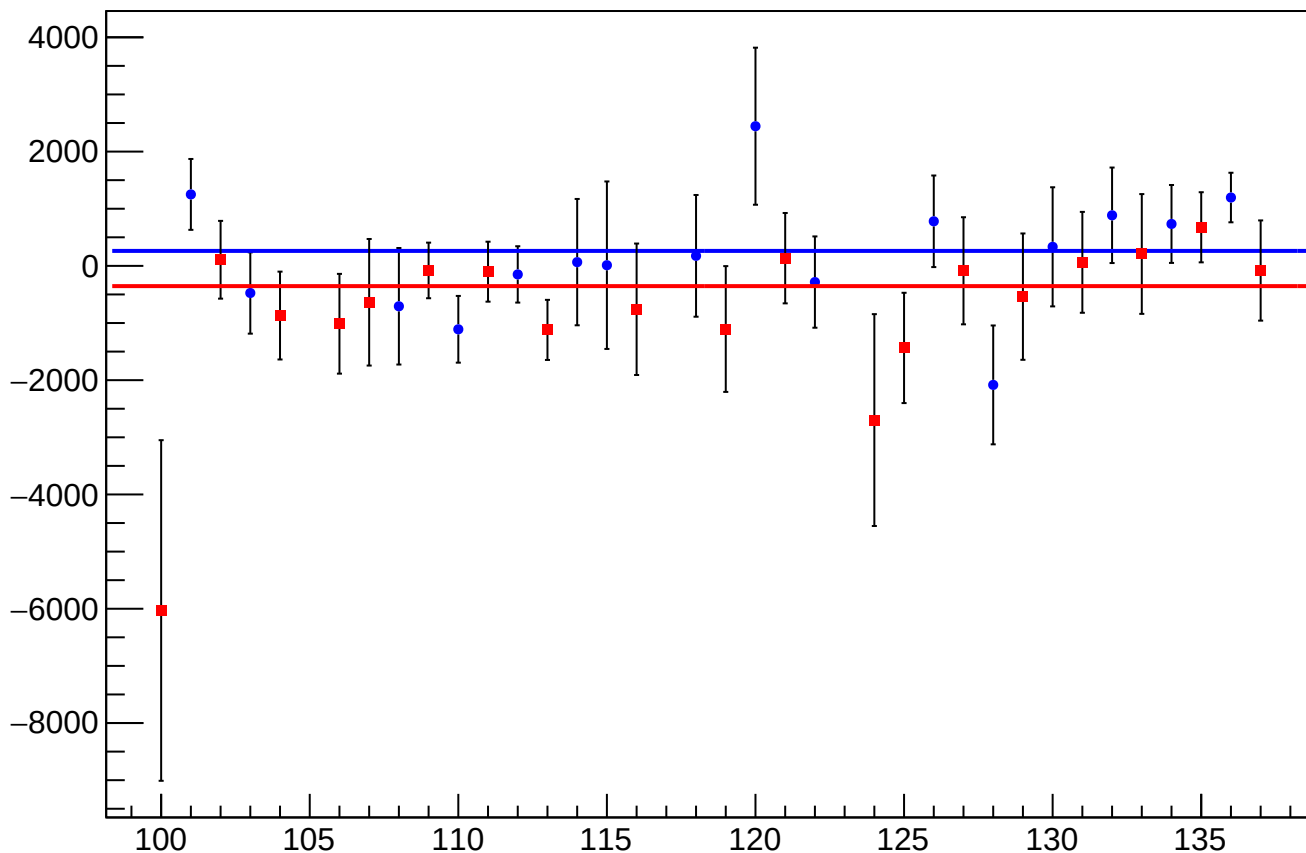
Right: 45.776+/-0.009 χ^2/NDF : 1039966.5/34

In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.776+/-0.009 χ^2/NDF : 1039966.5/34

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 261.947 $\pm$ 185.212 χ^2 /NDF: 25.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -354.204 $\pm$ 181.903 χ^2 /NDF: 15.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

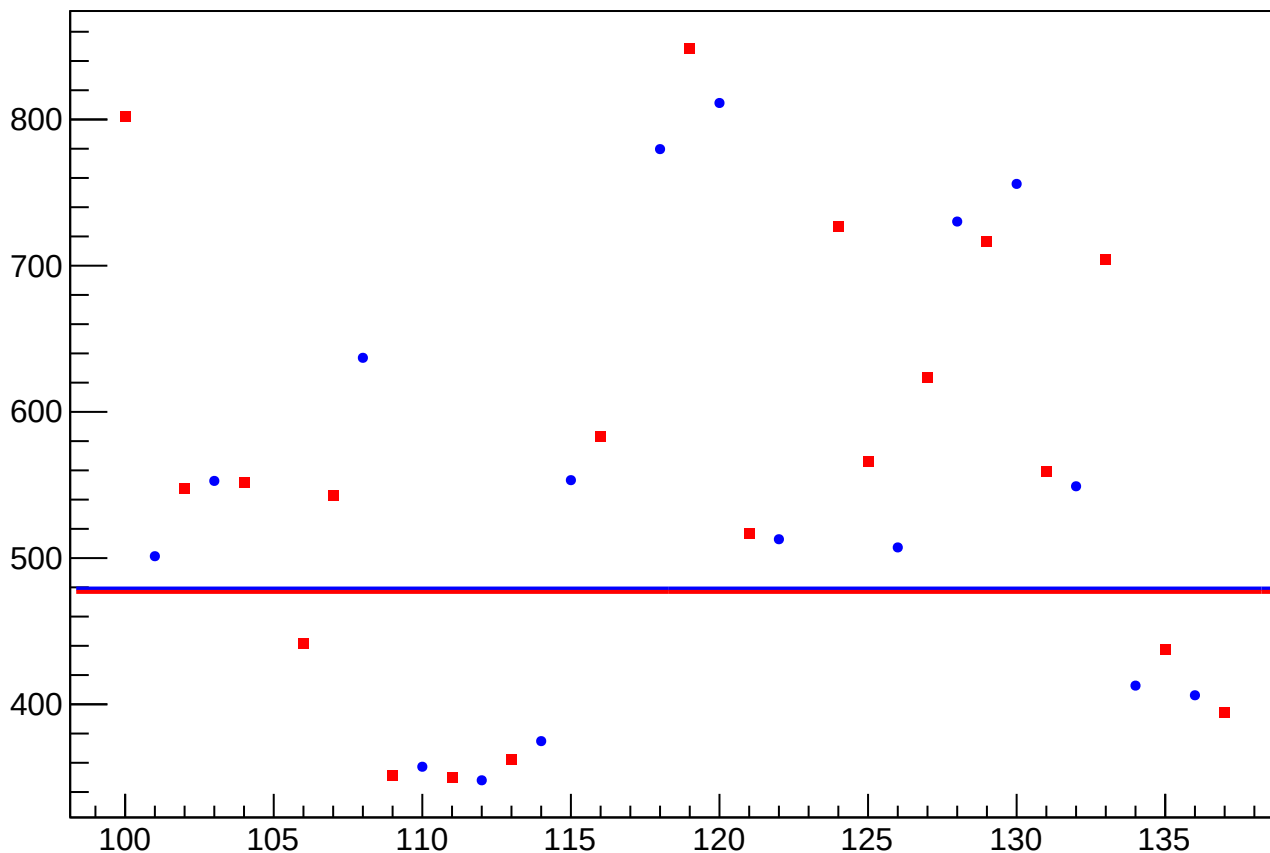
Right: -51.682 $\pm$ 129.779 χ^2 /NDF: 45.8/34

In: 261.947 $\pm$ 185.212 χ^2 /NDF:25.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.682 $\pm$ 129.779 χ^2 /NDF: 45.8/34

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 476.893+/-0.129 χ^2/NDF : 1003767.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

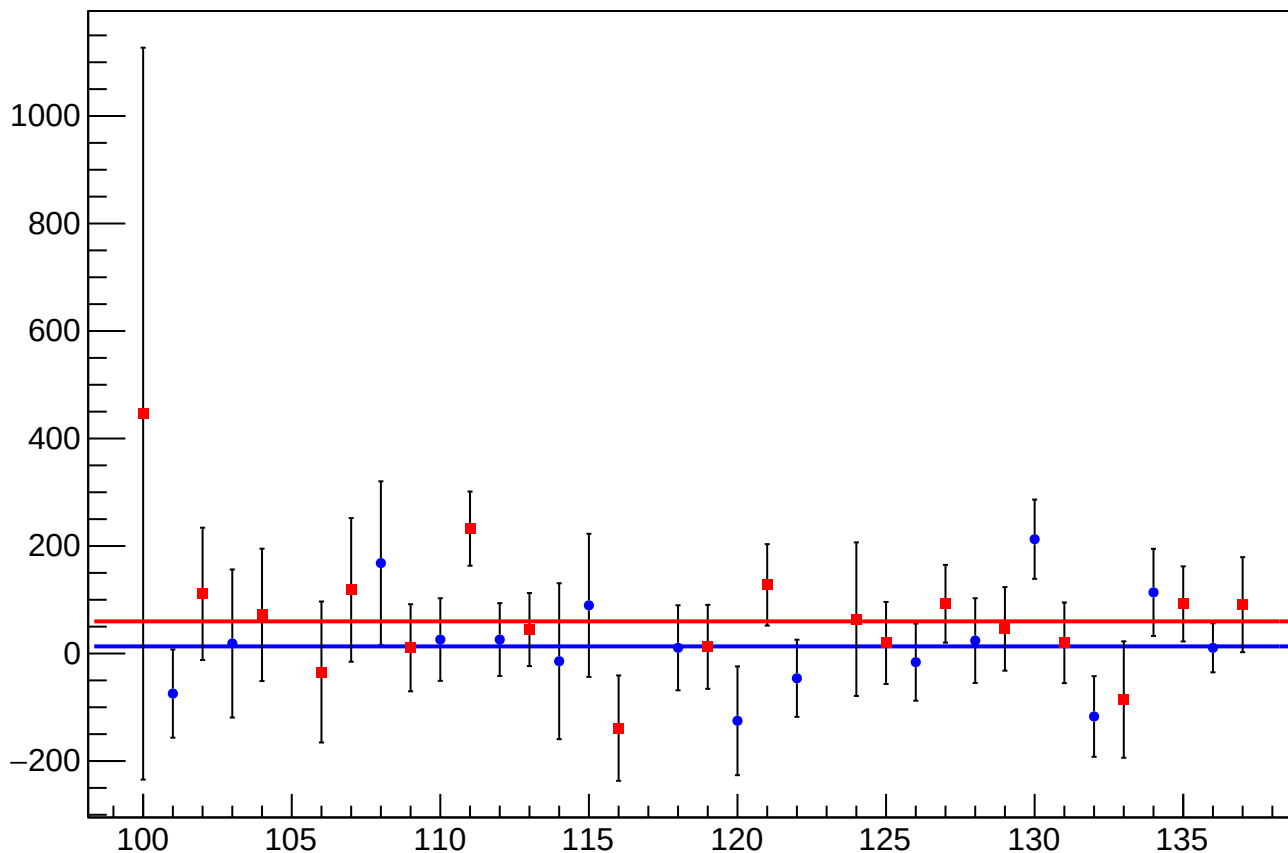
Right: 478.016+/-0.092 χ^2/NDF : 1956645.2/34

In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.016+/-0.092 χ^2/NDF : 1956645.2/34

dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.266+/-19.849 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.810+/-20.234 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

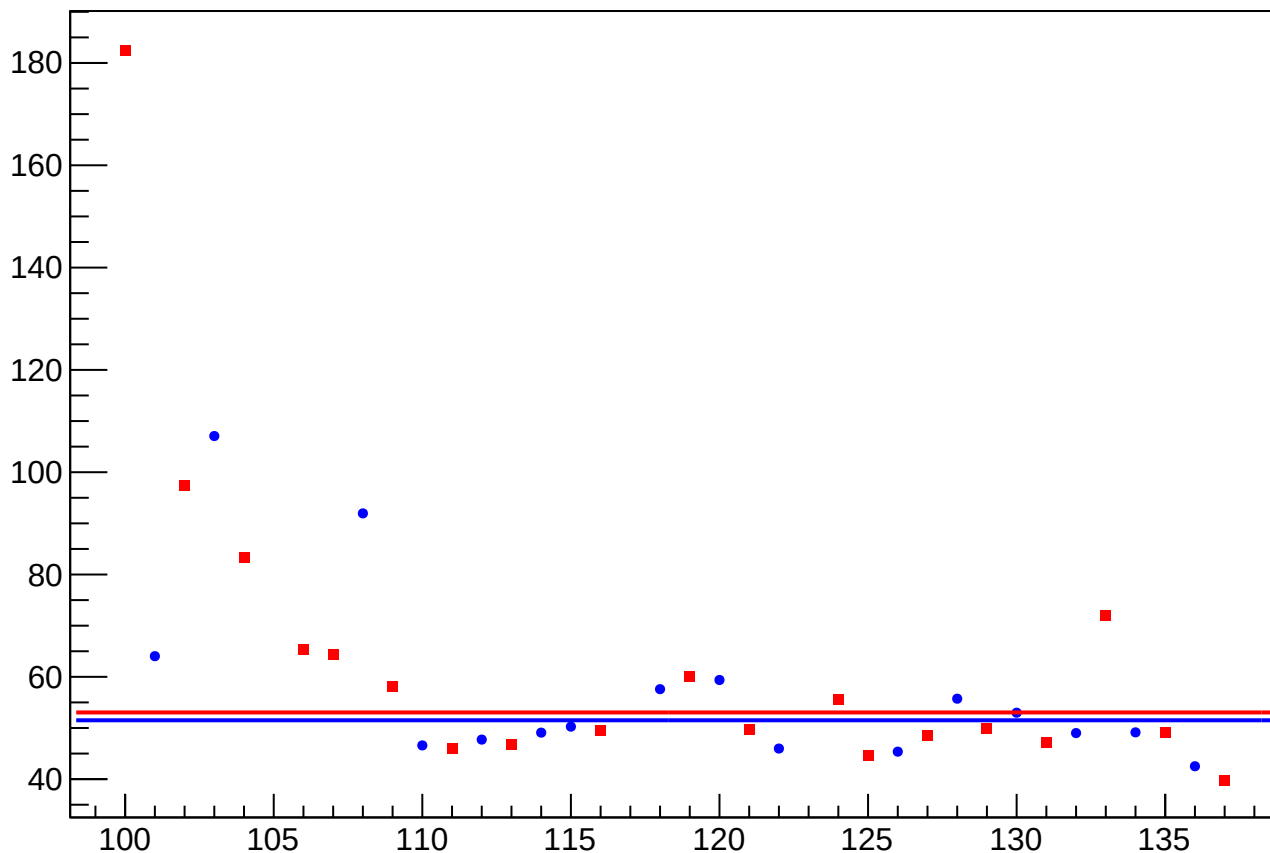
Right: 36.091+/-14.170 χ^2/NDF : 36.0/34

In: 13.266+/-19.849 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.091+/-14.170 χ^2/NDF : 36.0/34

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.506 $\pm$ 0.014 χ^2 /NDF: 667059.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 53.037 $\pm$ 0.014 χ^2 /NDF: 712908.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

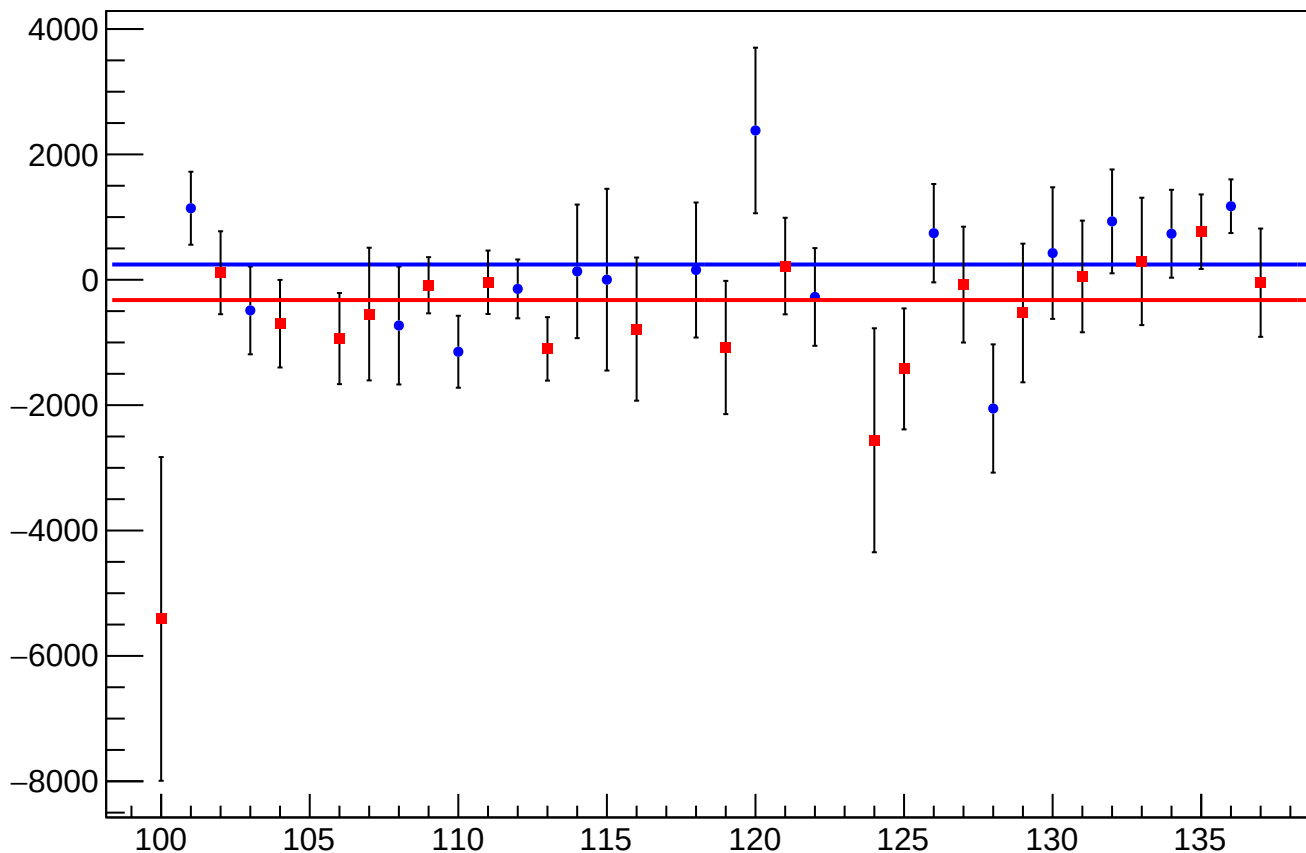
Right: 52.257 $\pm$ 0.010 χ^2 /NDF: 1385808.8/34

In: 51.506 $\pm$ 0.014 χ^2 /NDF:667059.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 52.257 $\pm$ 0.010 χ^2 /NDF: 1385808.8/34

asym_sam_15_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.828 $\pm$ 180.872 χ^2 /NDF: 25.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -323.628 $\pm$ 173.632 χ^2 /NDF: 16.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

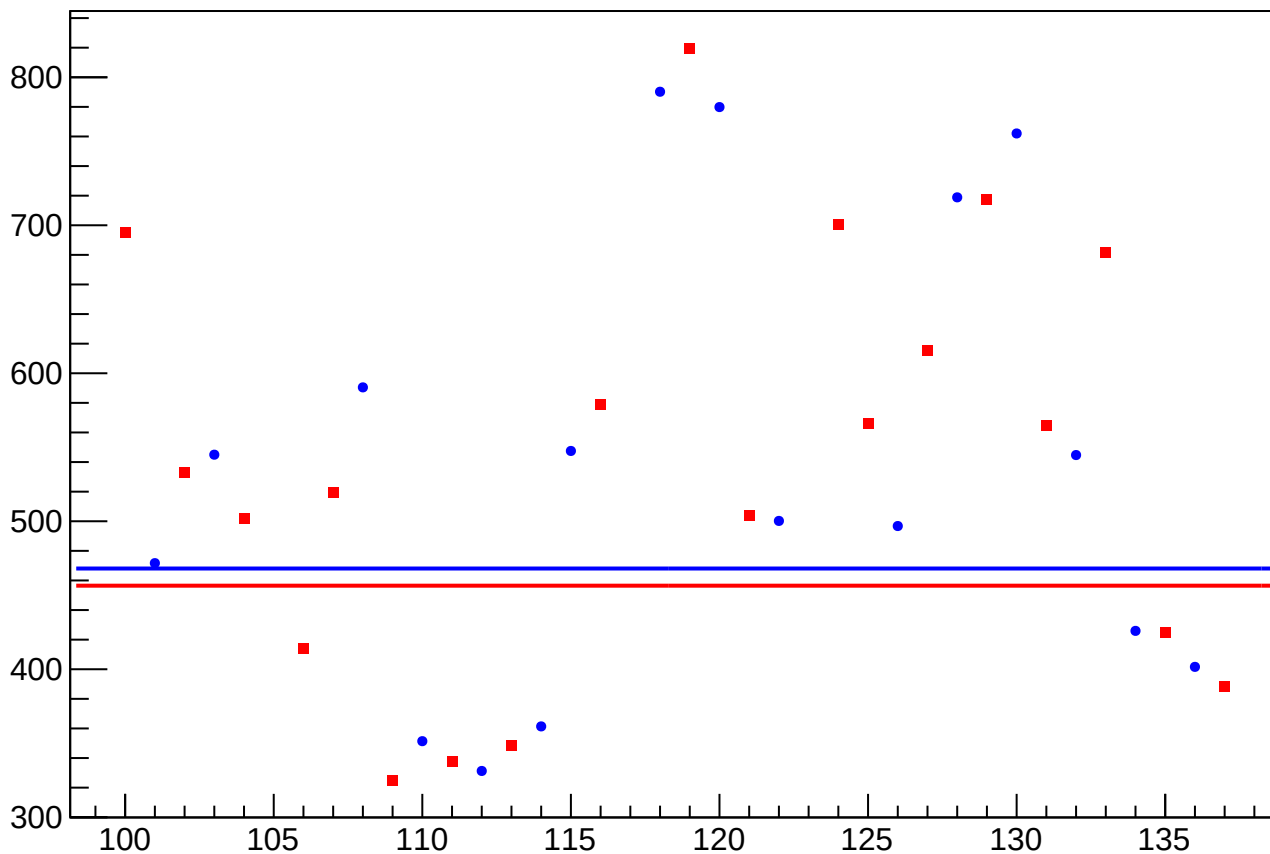
Right: -51.485 $\pm$ 125.258 χ^2 /NDF: 47.2/34

In: 243.828 $\pm$ 180.872 χ^2 /NDF:25.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.485 $\pm$ 125.258 χ^2 /NDF: 47.2/34

asym_sam_15_37_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 468.066+/-0.128 χ^2/NDF : 982915.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 456.468+/-0.123 χ^2/NDF : 1082568.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

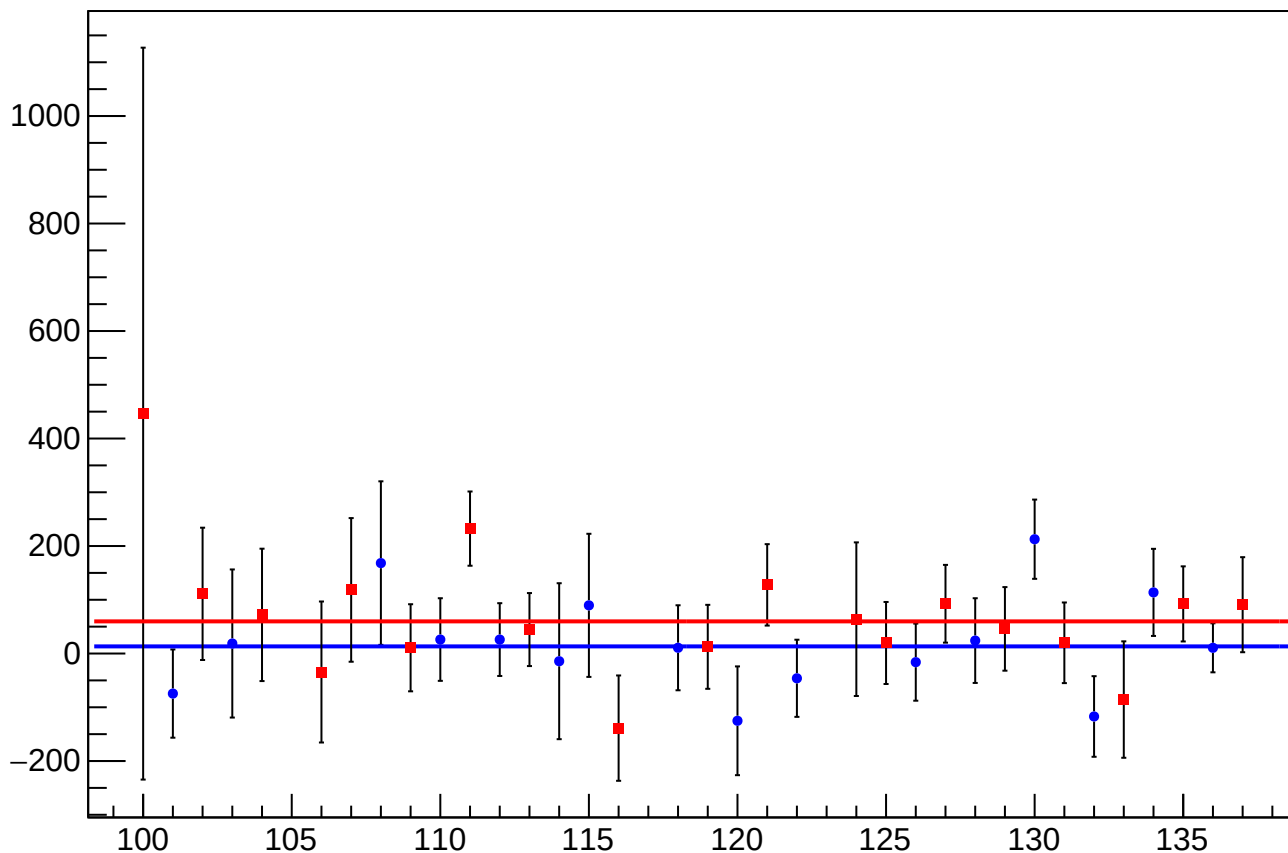
Right: 462.030+/-0.089 χ^2/NDF : 2069762.6/34

In: 468.066+/-0.128 χ^2/NDF : 982915.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.030+/-0.089 χ^2/NDF : 2069762.6/34

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.266+/-19.849 χ^2/NDF : 17.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.811+/-20.234 χ^2/NDF : 16.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

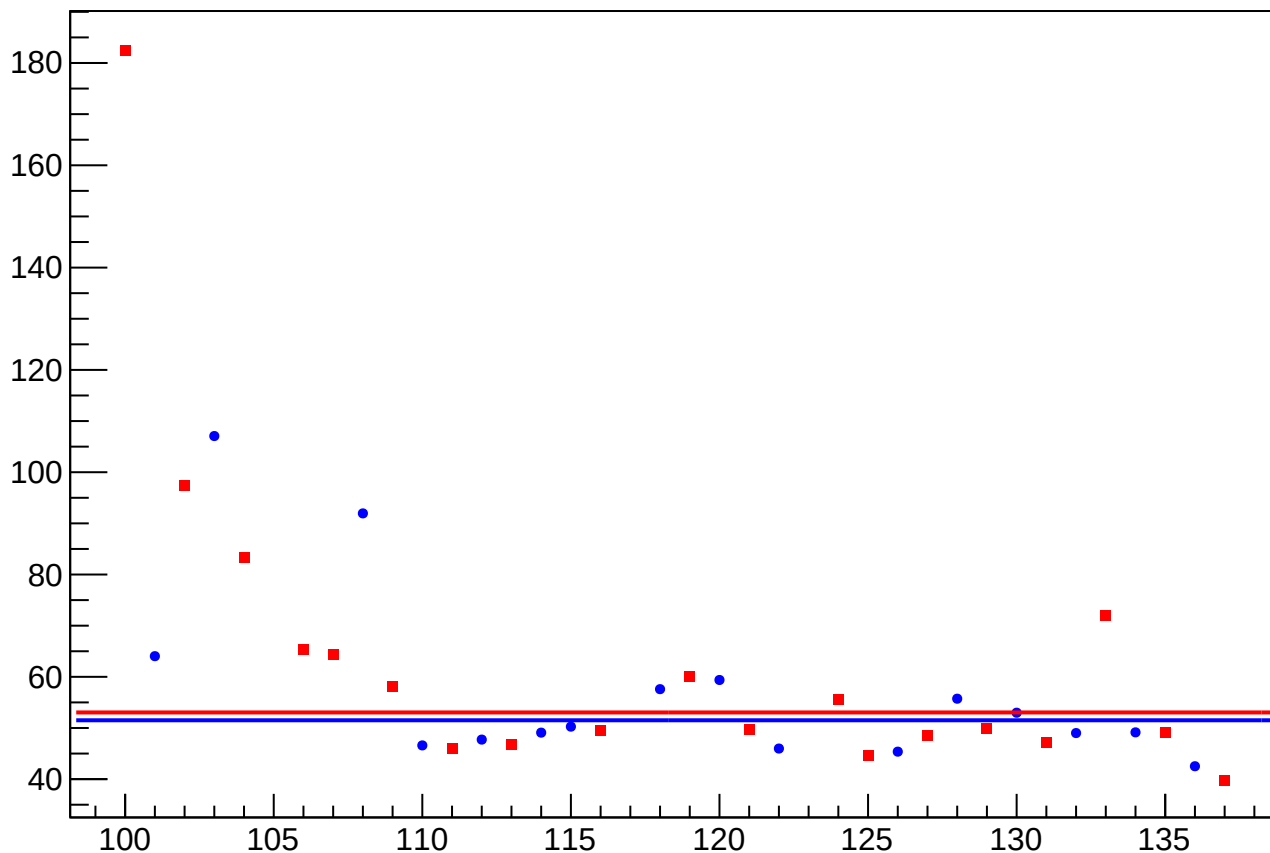
Right: 36.092+/-14.170 χ^2/NDF : 36.0/34

In: 13.266+/-19.849 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.092+/-14.170 χ^2/NDF : 36.0/34

eigen_dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.506+/-0.014 χ^2/NDF : 667064.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.037+/-0.014 χ^2/NDF : 712918.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

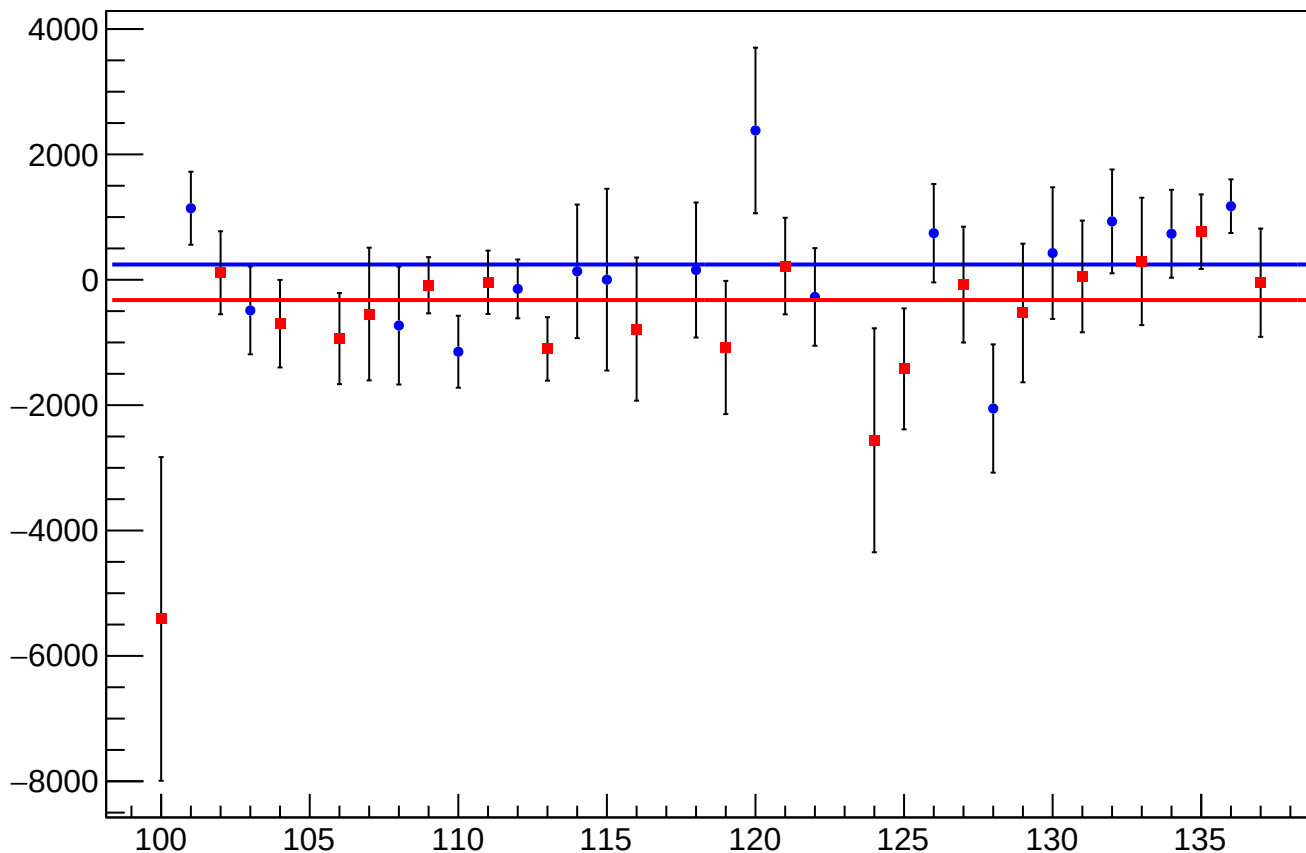
Right: 52.257+/-0.010 χ^2/NDF : 1385824.6/34

In: 51.506+/-0.014 χ^2/NDF : 667064.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.257+/-0.010 χ^2/NDF : 1385824.6/34

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.826 $\pm$ 180.872 χ^2 /NDF: 25.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -323.628 $\pm$ 173.631 χ^2 /NDF: 16.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

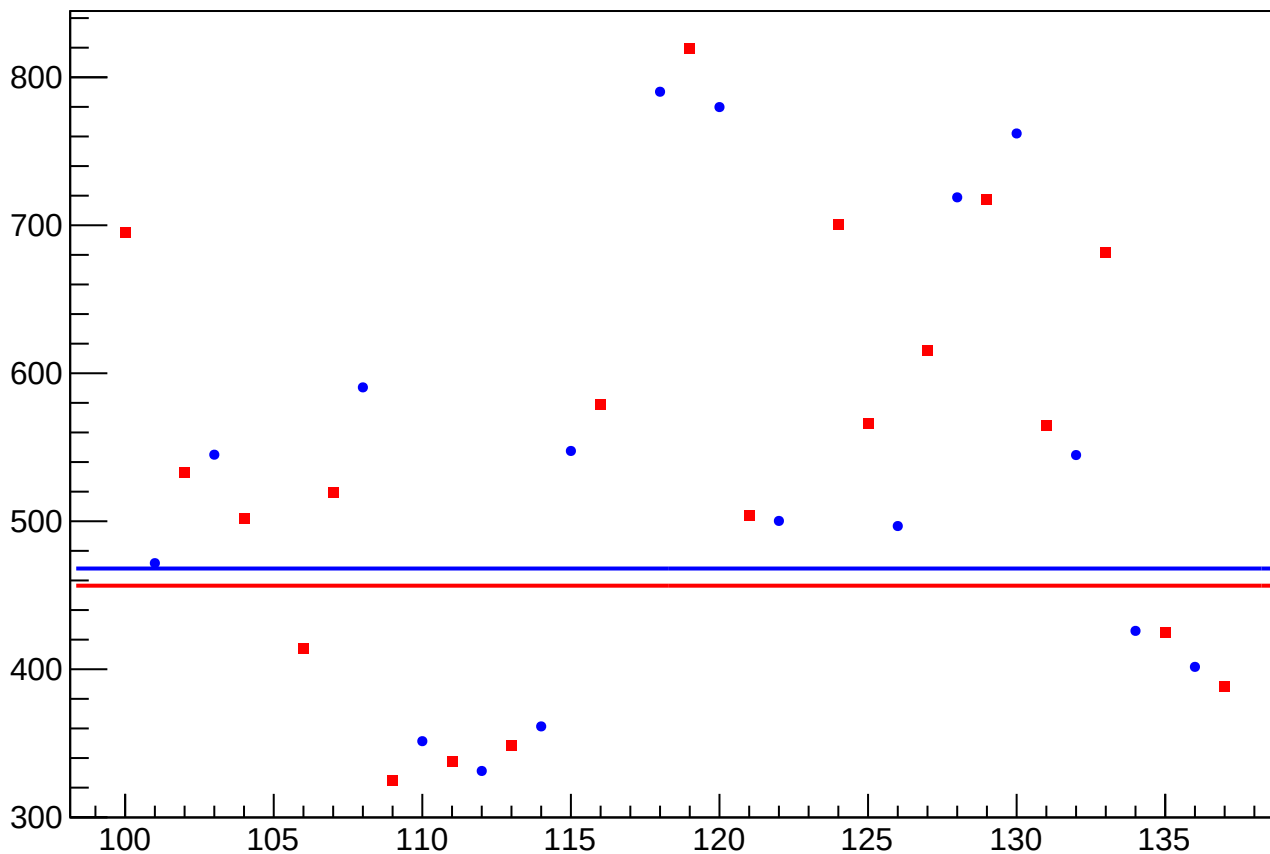
Right: -51.485 $\pm$ 125.257 χ^2 /NDF: 47.2/34

In: 243.826 $\pm$ 180.872 χ^2 /NDF:25.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.485 $\pm$ 125.257 χ^2 /NDF: 47.2/34

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 468.065 $\pm$ 0.128 χ^2 /NDF: 982915.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 456.467 $\pm$ 0.123 χ^2 /NDF: 1082565.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

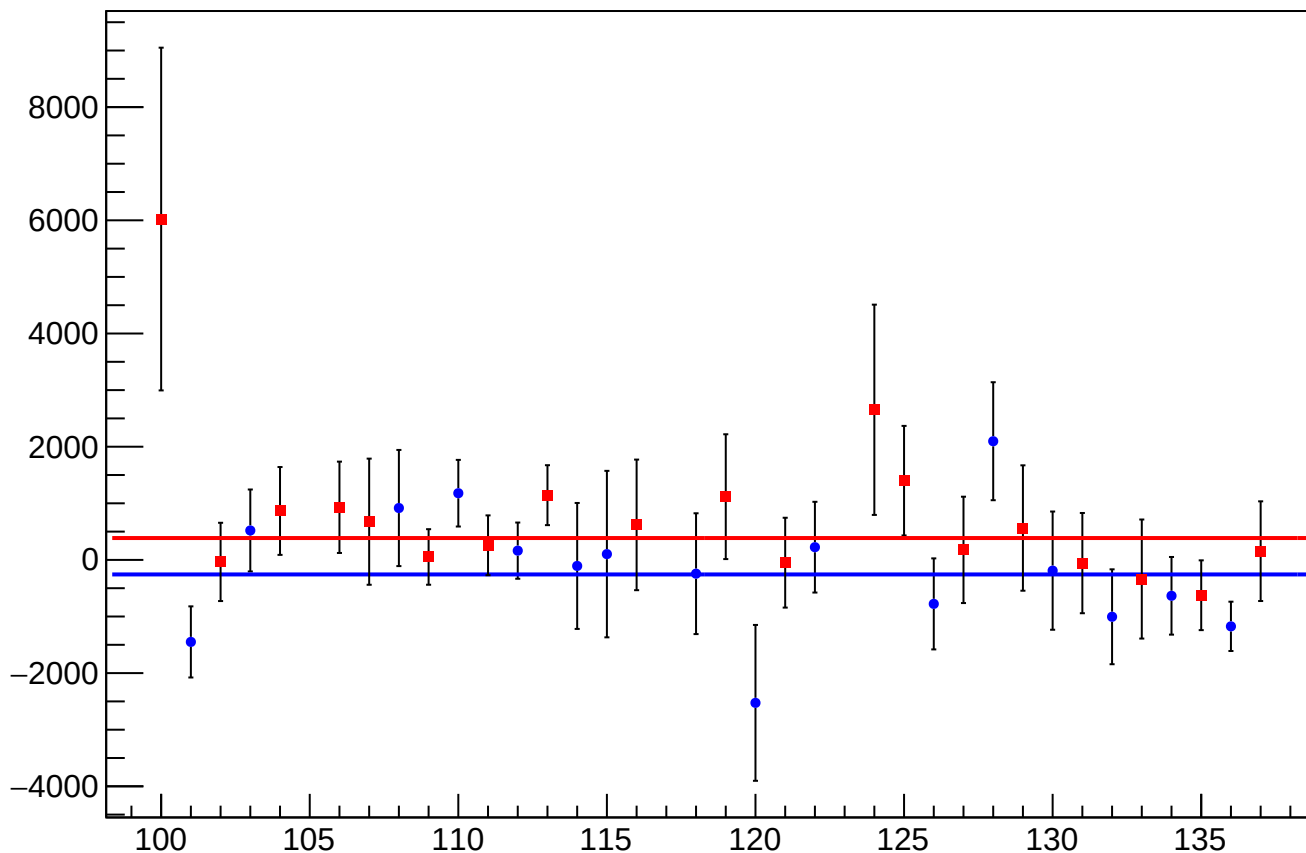
Right: 462.029 $\pm$ 0.089 χ^2 /NDF: 2069760.5/34

In: 468.065 $\pm$ 0.128 χ^2 /NDF:982915.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 462.029 $\pm$ 0.089 χ^2 /NDF: 2069760.5/34

asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: -256.748+/-186.462 χ^2/NDF : 26.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 386.449+/-182.363 χ^2/NDF : 14.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

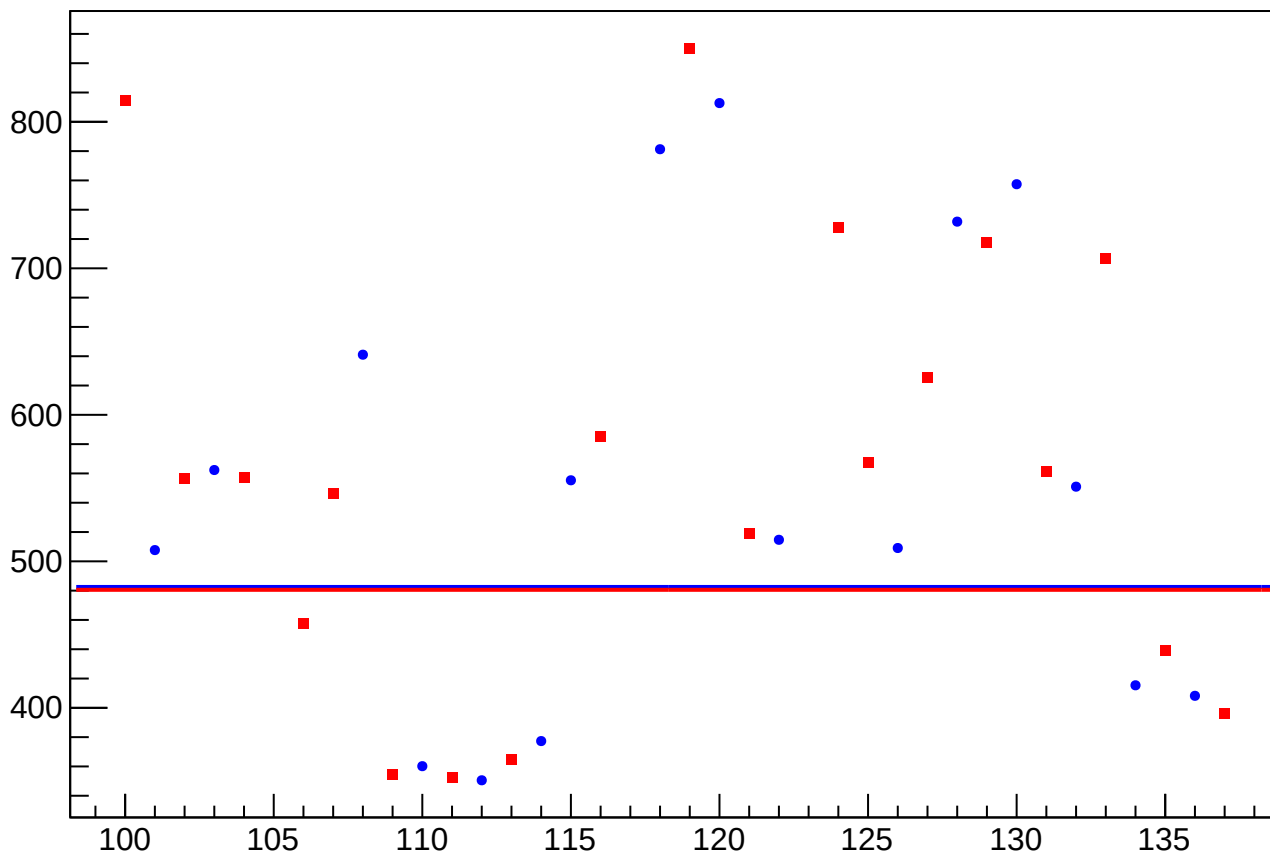
Right: 71.997+/-130.375 χ^2/NDF : 47.2/34

In: -256.748+/-186.462 χ^2/NDF : 26.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.997+/-130.375 χ^2/NDF : 47.2/34

asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 482.512 $\pm$ 0.132 χ^2 /NDF: 946526.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 480.559 $\pm$ 0.129 χ^2 /NDF: 993796.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

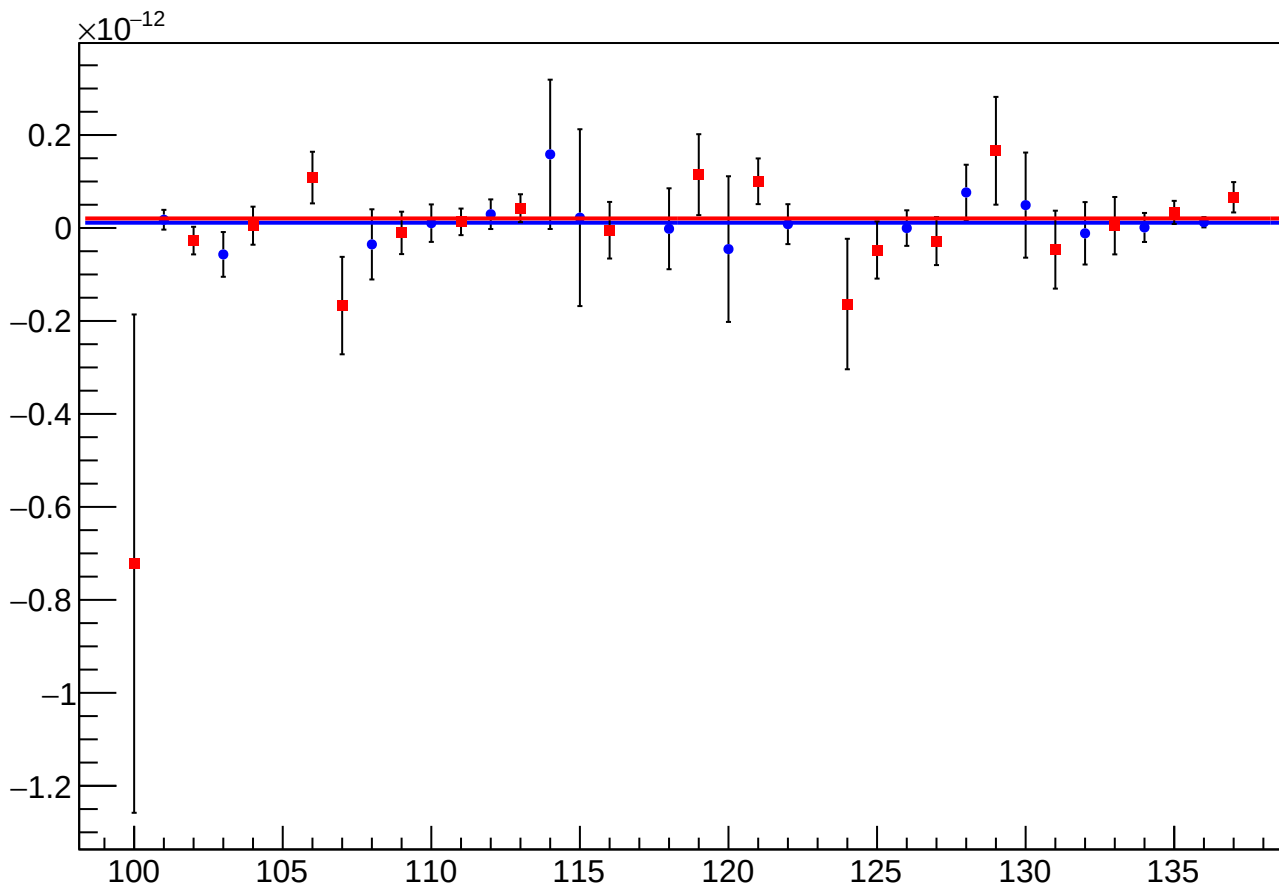
Right: 481.514 $\pm$ 0.092 χ^2 /NDF: 1940434.6/34

In: 482.512 $\pm$ 0.132 χ^2 /NDF:946526.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 481.514 $\pm$ 0.092 χ^2 /NDF: 1940434.6/34

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 5.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

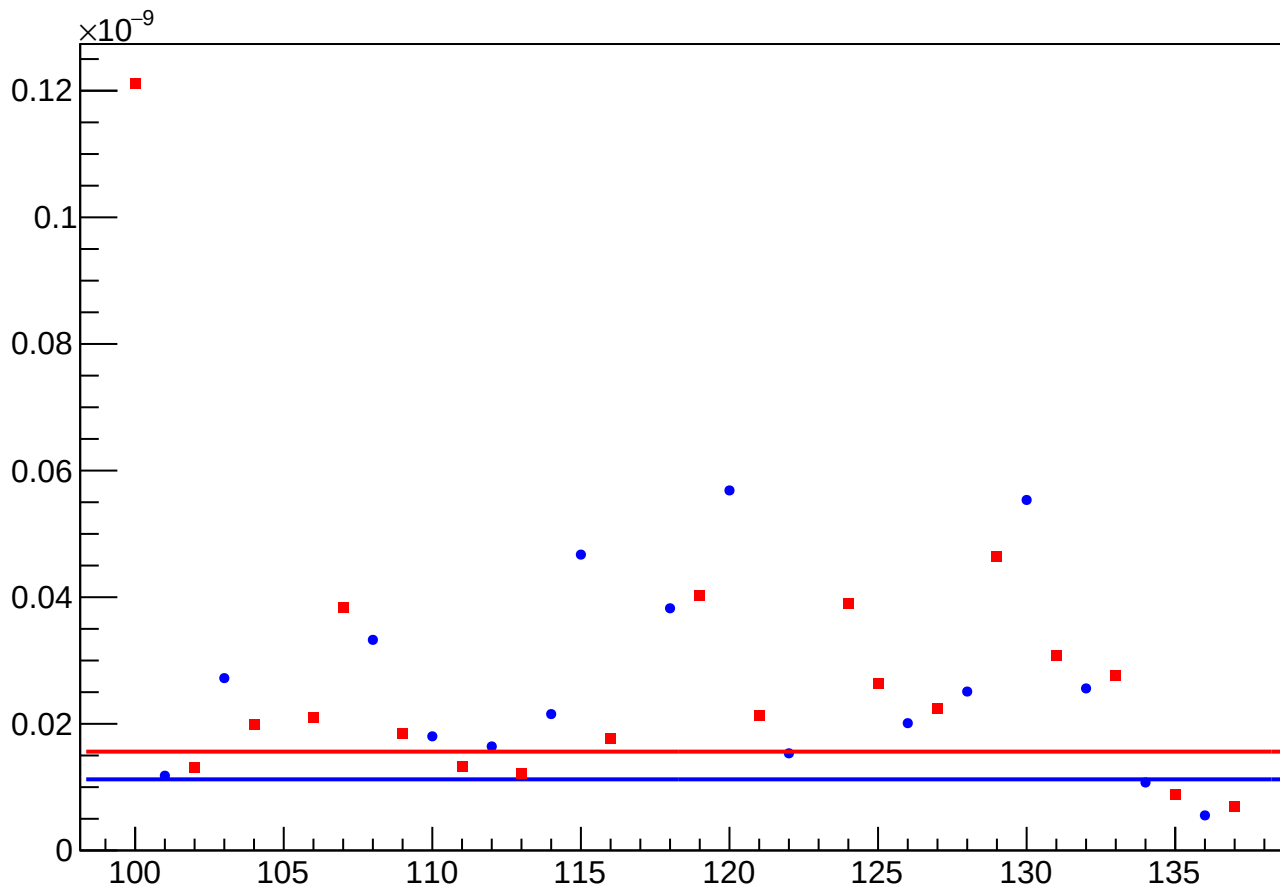
Right: 0.000+/-0.000 χ^2/NDF : 29.7/34

In: 0.000+/-0.000 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.7/34

asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2103068.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1184320.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

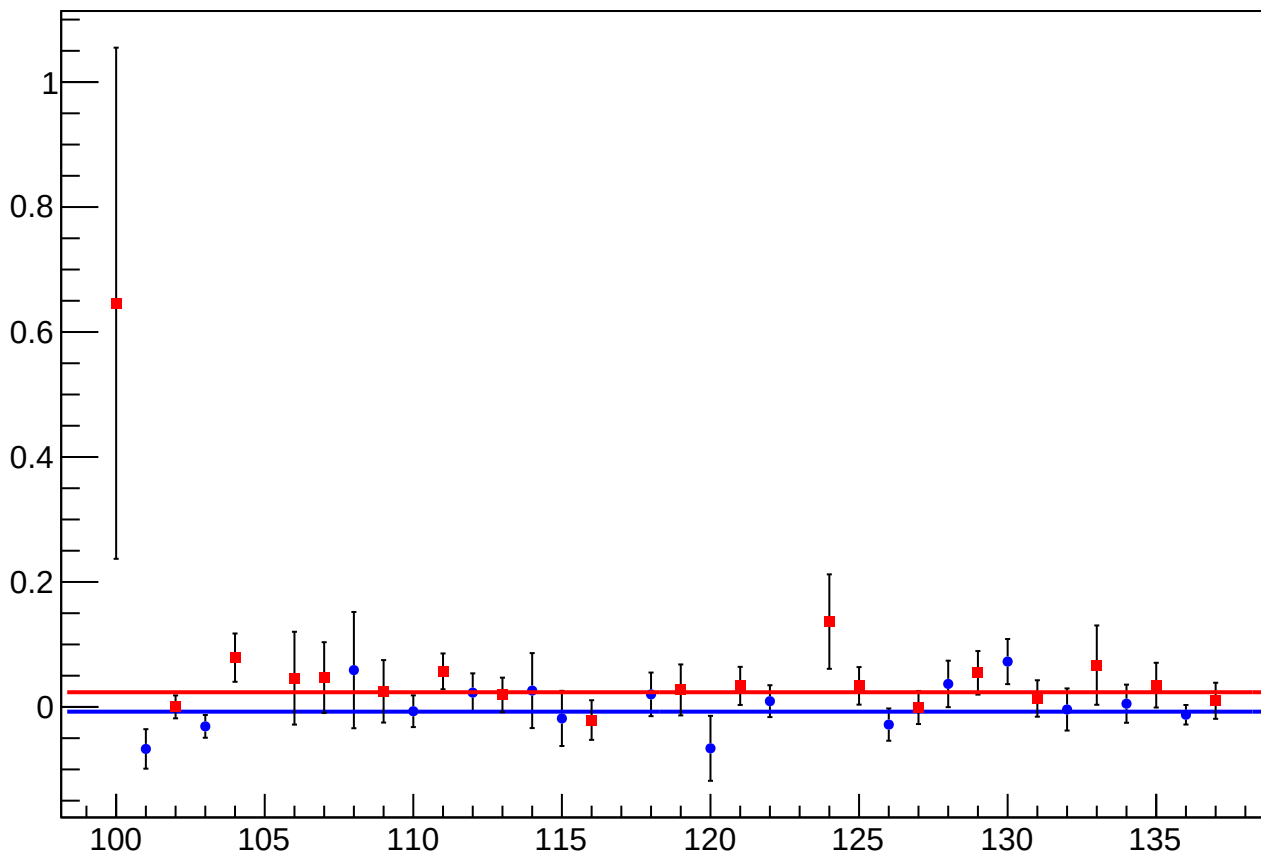
Right: 0.000+/-0.000 χ^2/NDF : 3514192.9/34

In: 0.000+/-0.000 χ^2/NDF : 2103068.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3514192.9/34

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.007 χ^2/NDF : 16.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.008 χ^2/NDF : 14.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

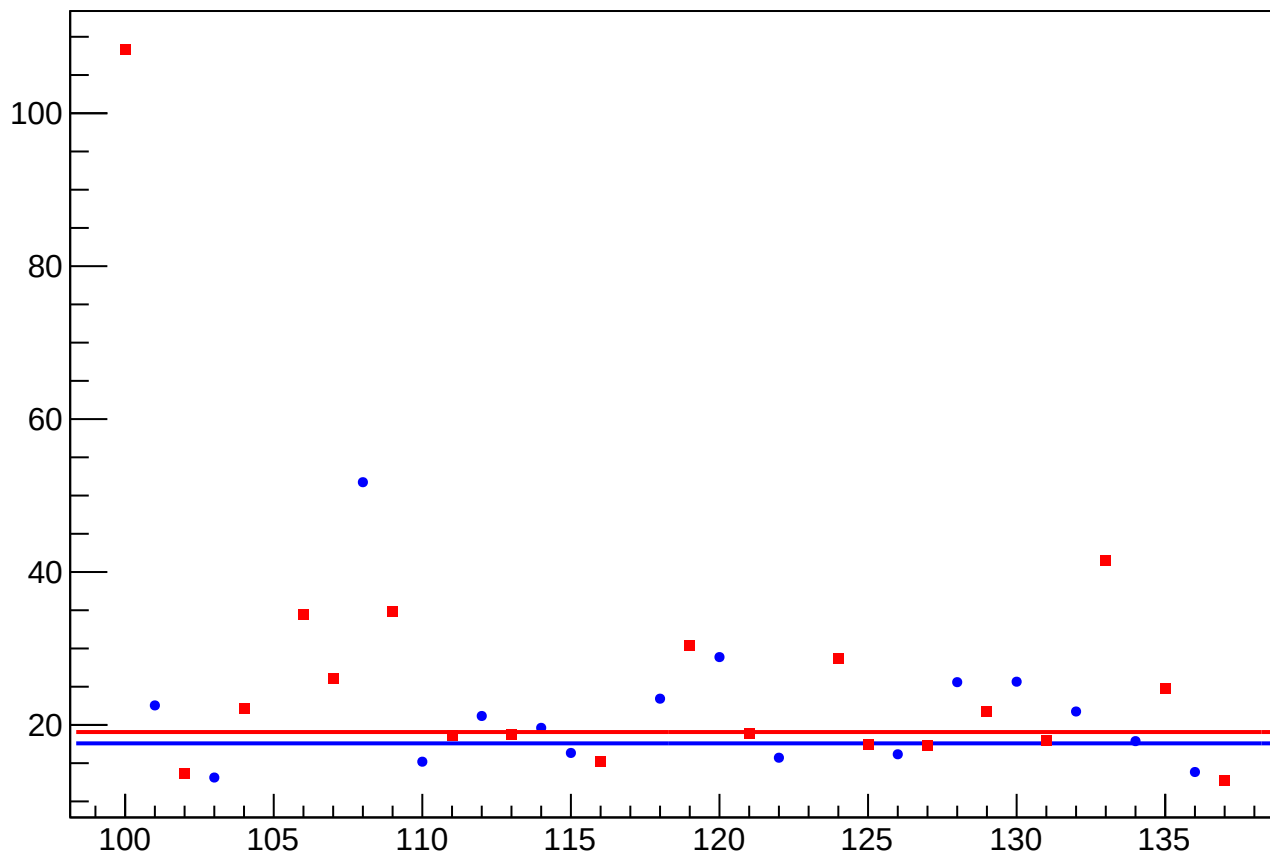
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/34

In: -0.008 ± 0.007 χ^2/NDF : 16.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.005 χ^2/NDF : 40.0/34

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.072+/-0.005 χ^2/NDF : 1247983.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

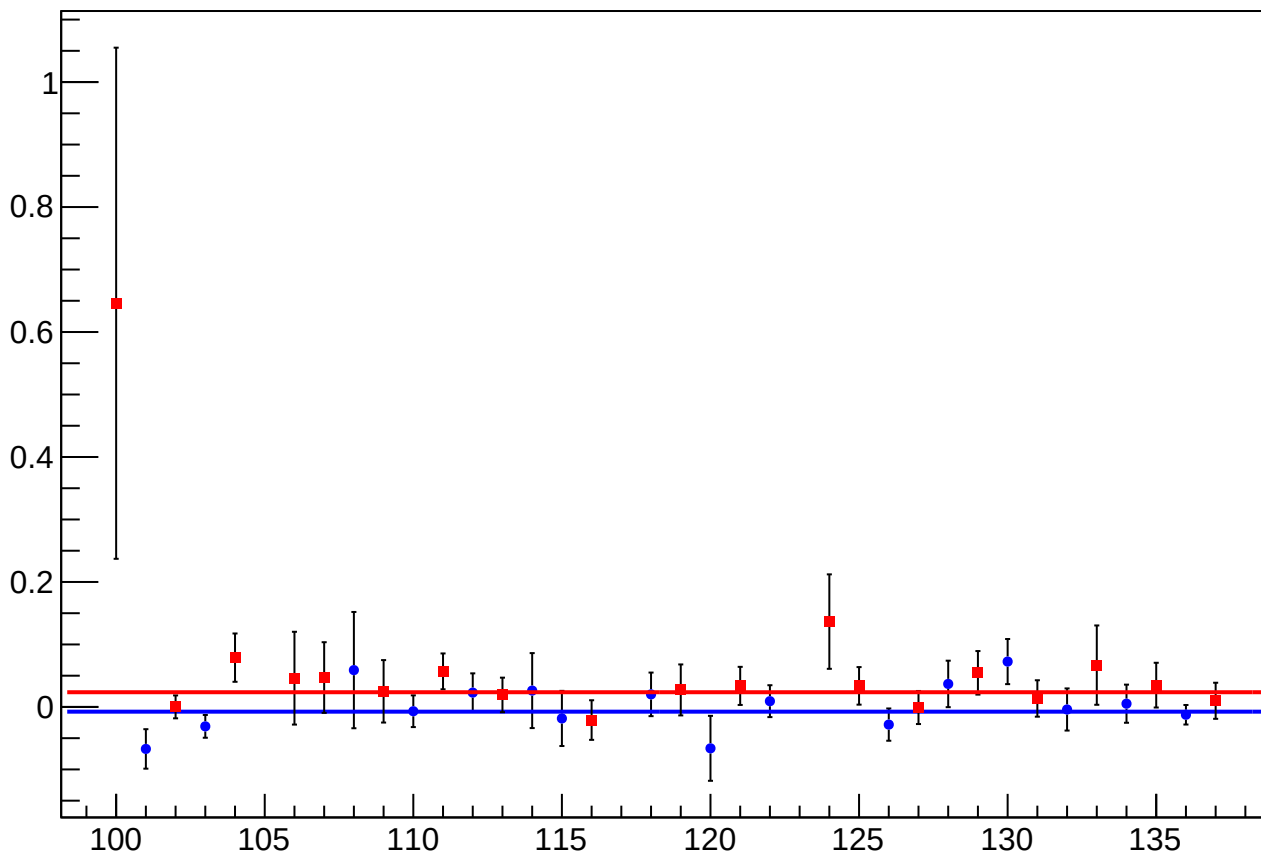
Right: 18.278+/-0.004 χ^2/NDF : 2280449.7/34

In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.278+/-0.004 χ^2/NDF : 2280449.7/34

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.007 χ^2 /NDF: 16.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.008 χ^2 /NDF: 14.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

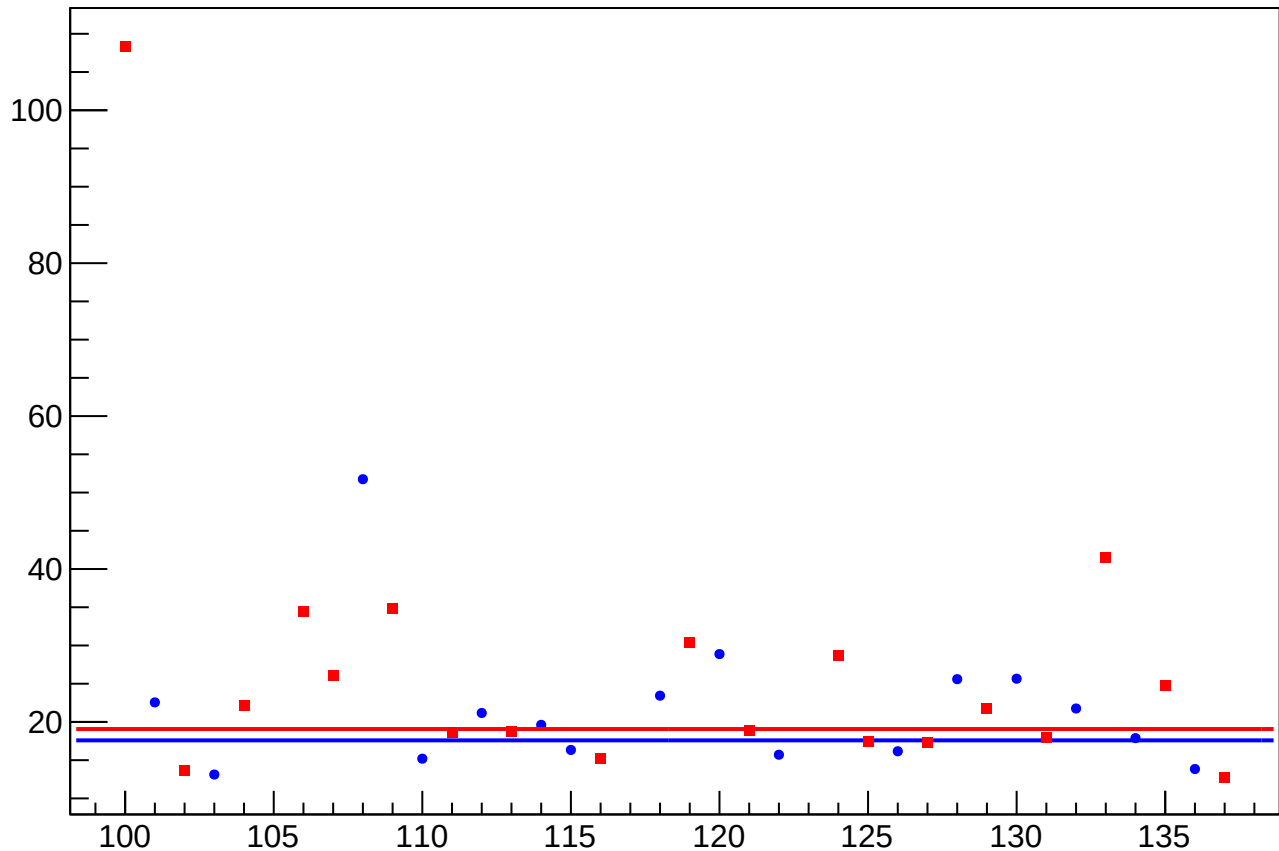
Right: 0.007 $\pm$ 0.005 χ^2 /NDF: 40.0/34

In: -0.008 $\pm$ 0.007 χ^2 /NDF:16.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.005 χ^2 /NDF: 40.0/34

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.072+/-0.005 χ^2/NDF : 1247983.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

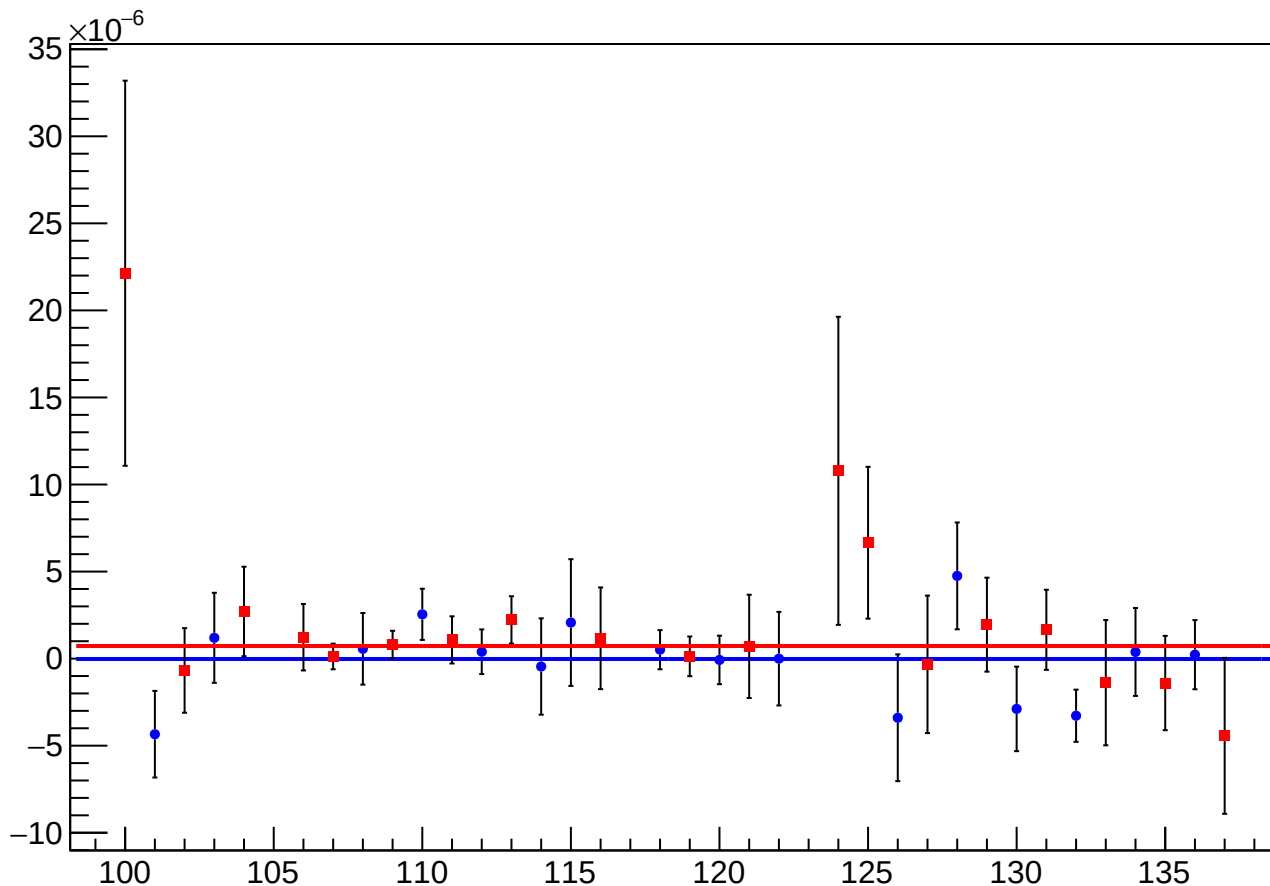
Right: 18.278+/-0.004 χ^2/NDF : 2280449.7/34

In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.278+/-0.004 χ^2/NDF : 2280449.7/34

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

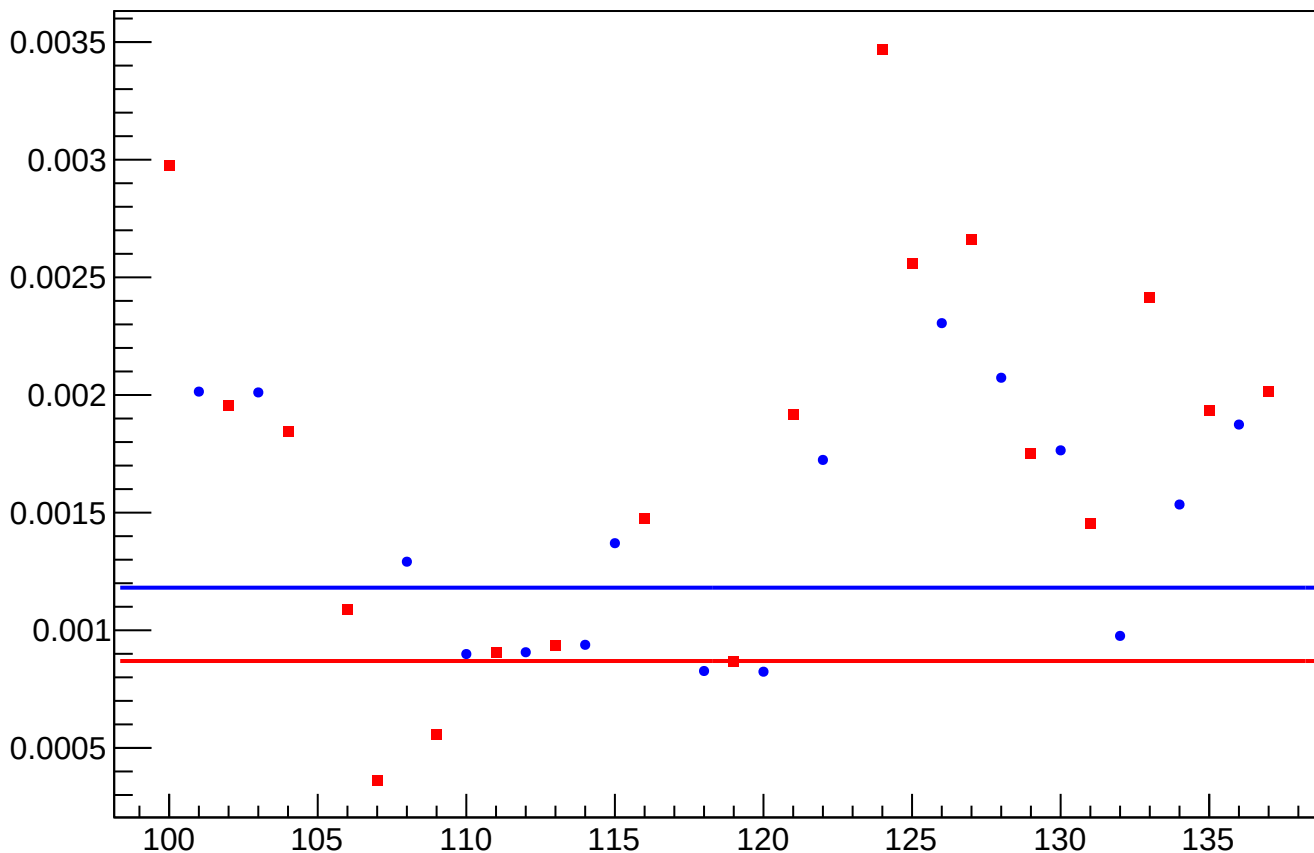
Right: 0.000+/-0.000 χ^2/NDF : 30.9/34

In: -0.000+/-0.000 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.9/34

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 1828304.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 4435351.6/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 6790405.1/34

In: 0.001+/-0.000

χ^2/NDF : 1828304.9/15

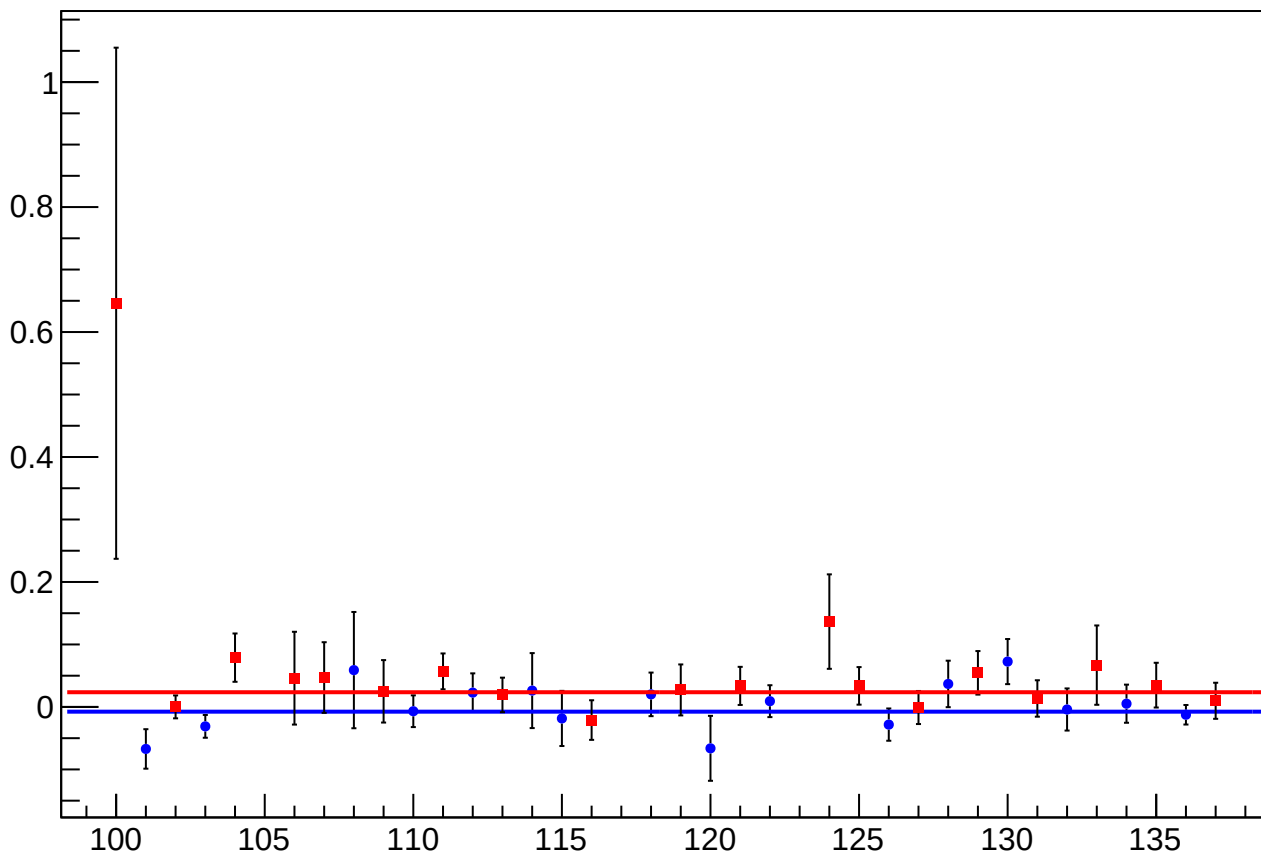
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6790405.1/34

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 ± 0.007 χ^2/NDF : 16.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.024 ± 0.008 χ^2/NDF : 14.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

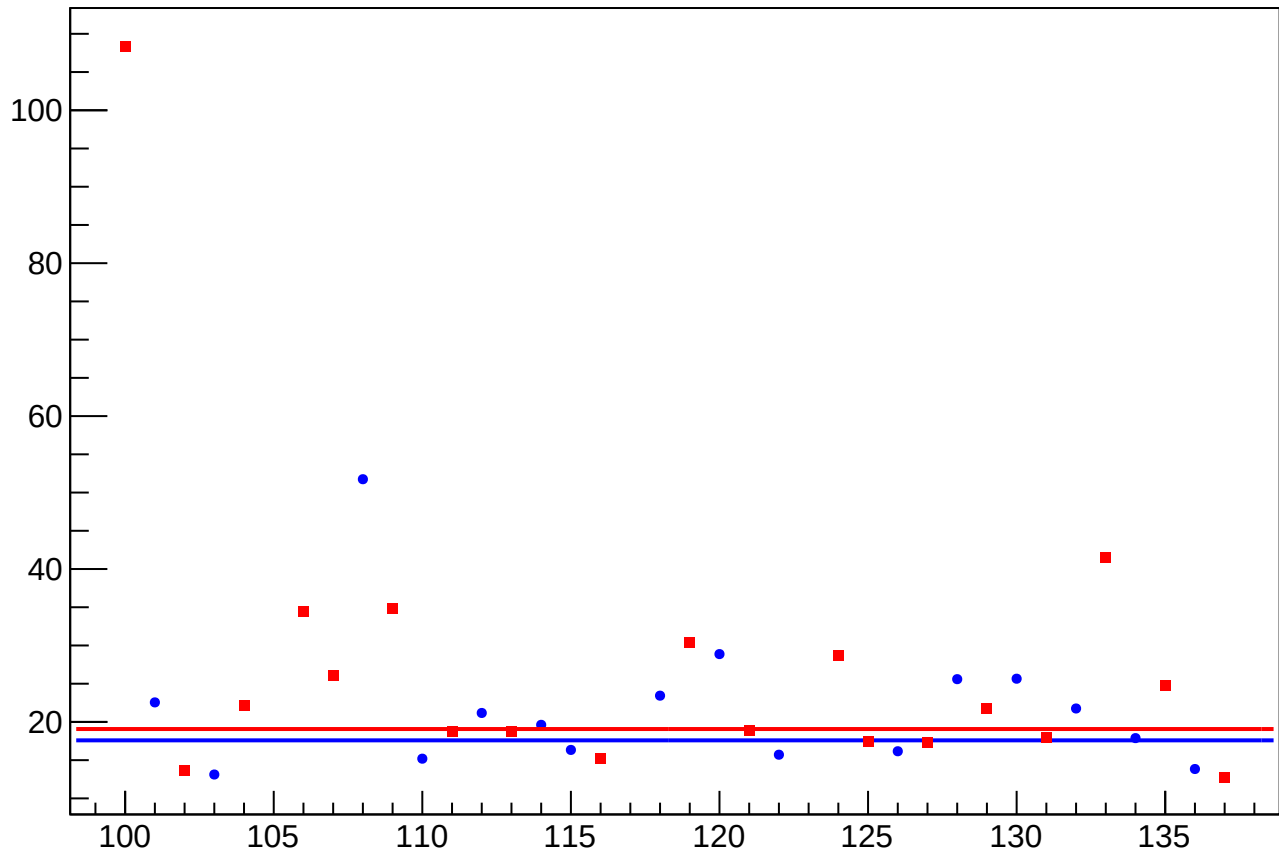
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/34

In: -0.008 ± 0.007 χ^2/NDF : 16.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.007 ± 0.005 χ^2/NDF : 40.0/34

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.072+/-0.005 χ^2/NDF : 1247904.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

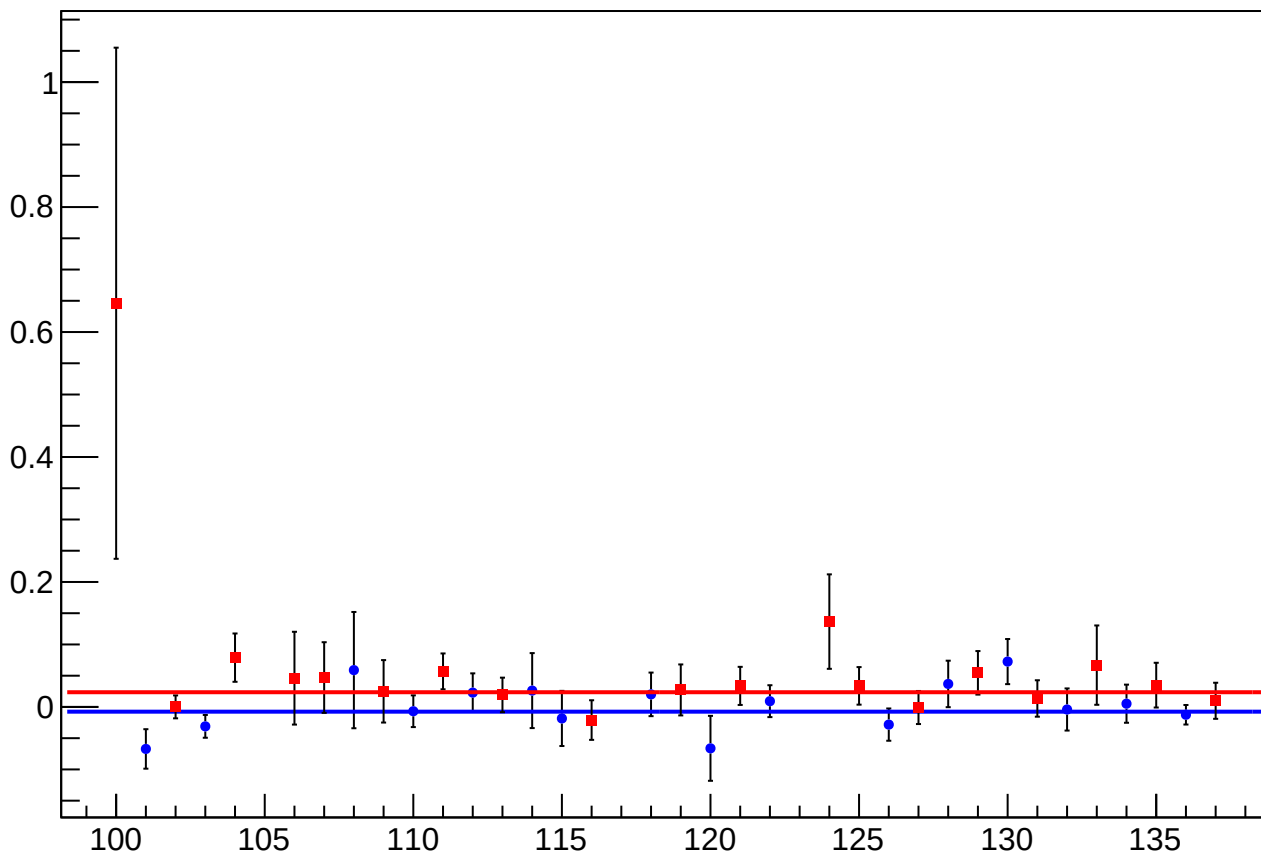
Right: 18.278+/-0.004 χ^2/NDF : 2280425.3/34

In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.278+/-0.004 χ^2/NDF : 2280425.3/34

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.008 $\pm$ 0.007 χ^2 /NDF: 16.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.008 χ^2 /NDF: 14.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

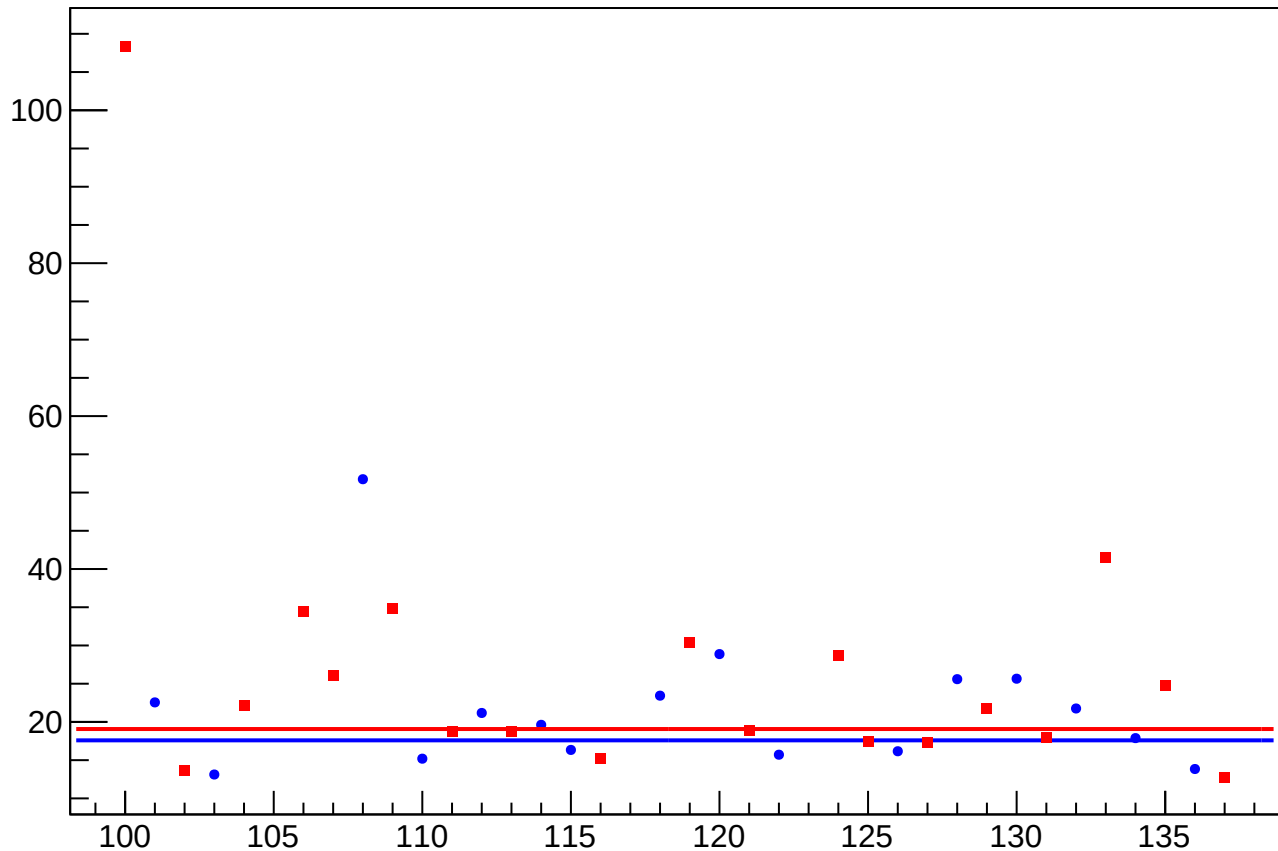
Right: 0.007 $\pm$ 0.005 χ^2 /NDF: 40.0/34

In: -0.008 $\pm$ 0.007 χ^2 /NDF:16.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.005 χ^2 /NDF: 40.0/34

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.072+/-0.005 χ^2/NDF : 1247904.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

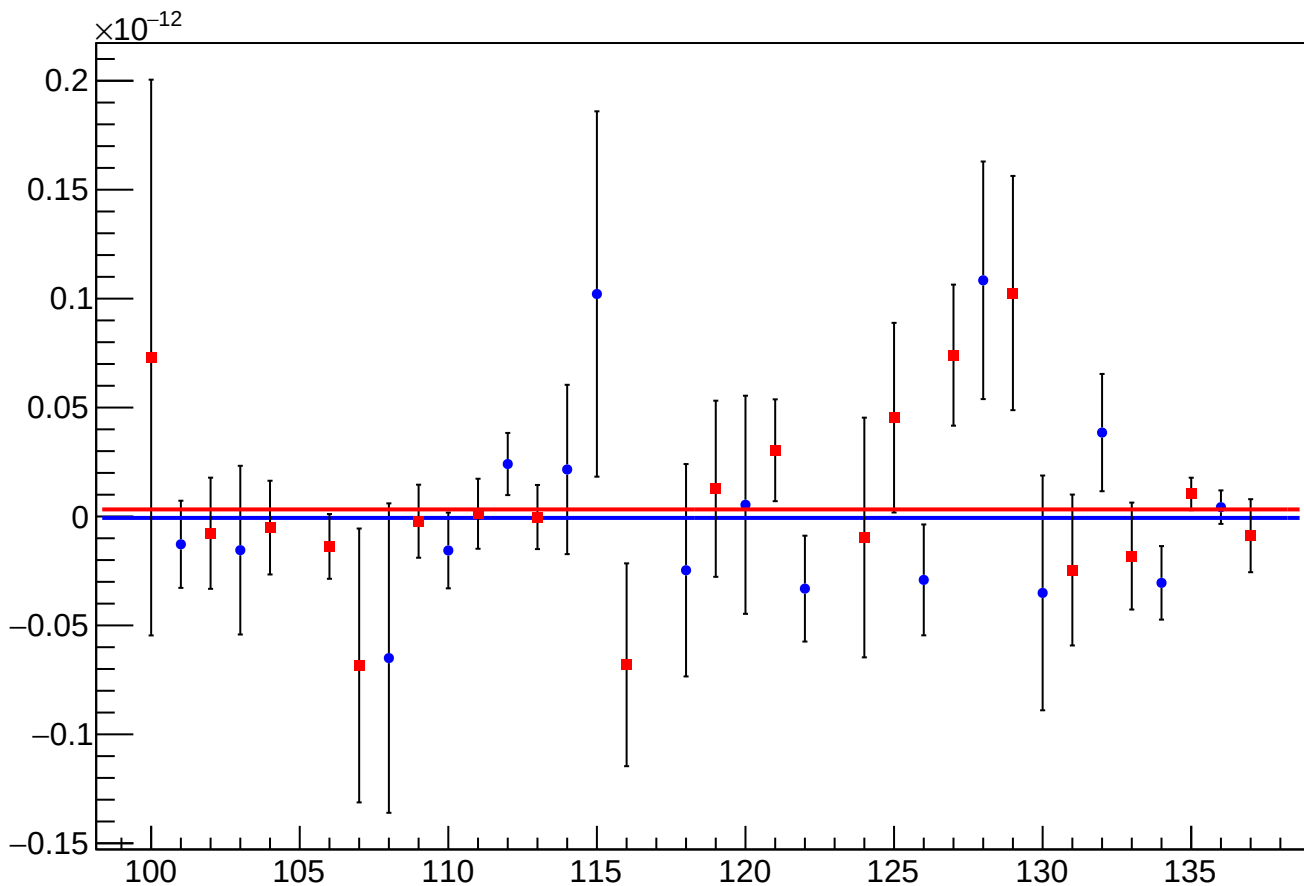
Right: 18.278+/-0.004 χ^2/NDF : 2280425.3/34

In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.278+/-0.004 χ^2/NDF : 2280425.3/34

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 20.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 19.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

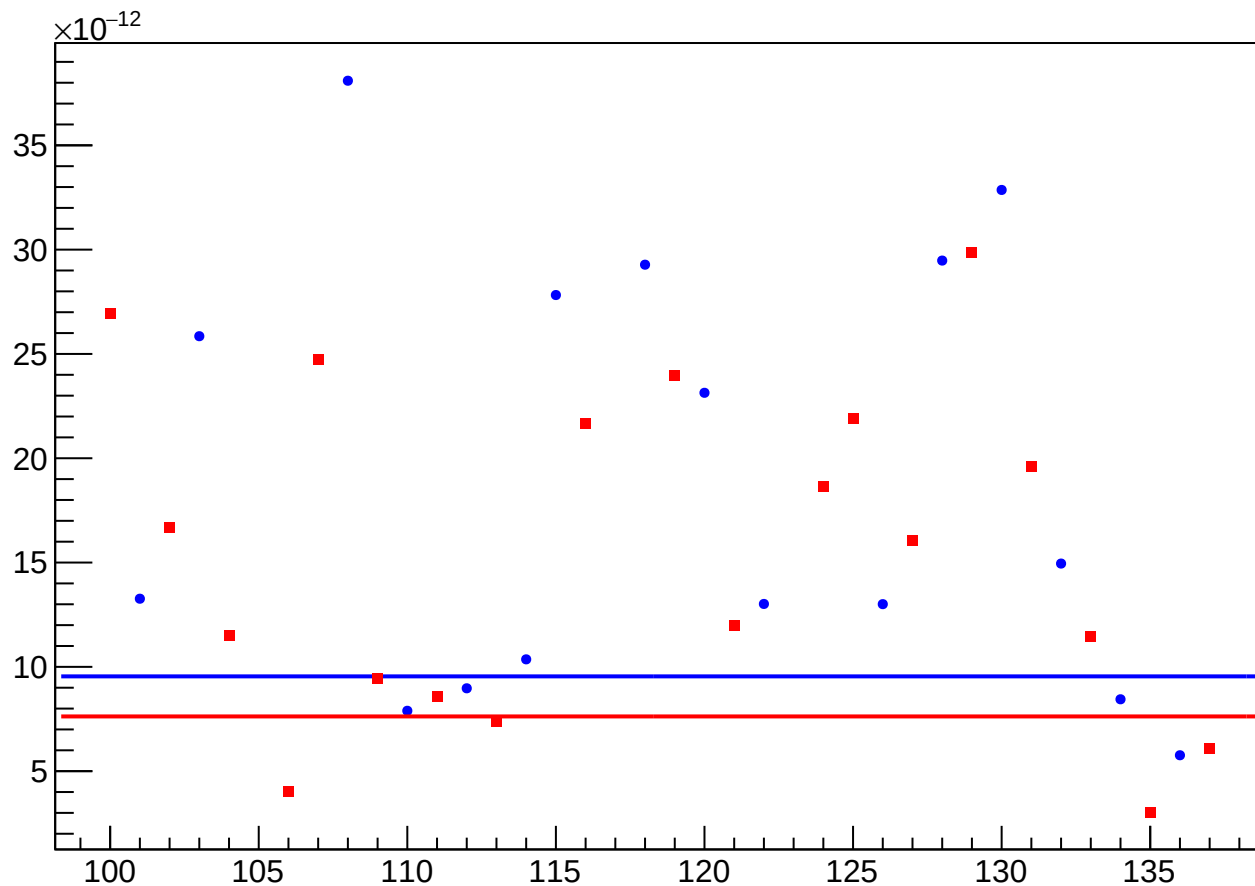
Right: 0.000+/-0.000 χ^2 /NDF: 39.8/34

In: -0.000+/-0.000 χ^2 /NDF:20.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 39.8/34

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2632531.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3086000.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

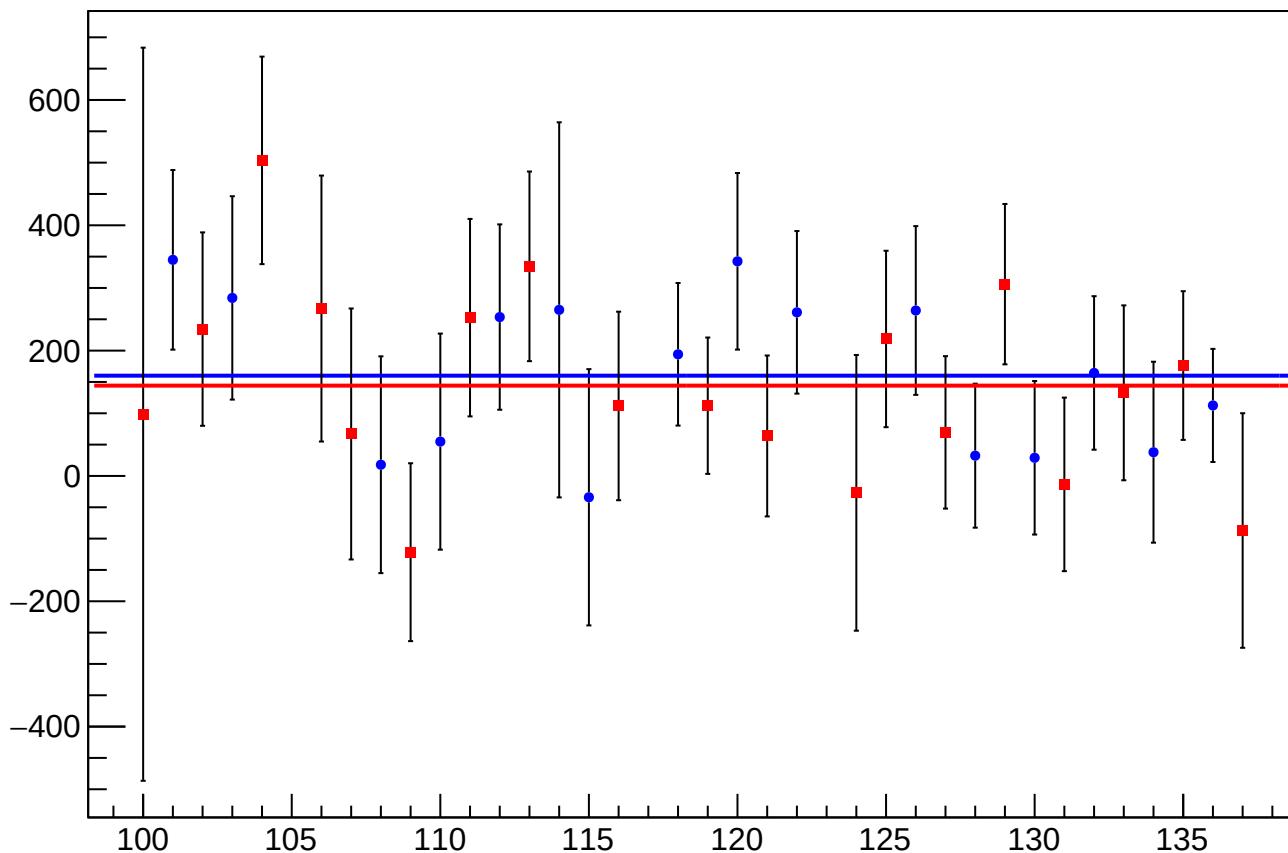
Right: 0.000+/-0.000 χ^2/NDF : 5879584.6/34

In: 0.000+/-0.000 χ^2/NDF : 2632531.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5879584.6/34

reg_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 160.024 $\pm$ 34.170 χ^2 /NDF: 11.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.117 $\pm$ 34.213 χ^2 /NDF: 17.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

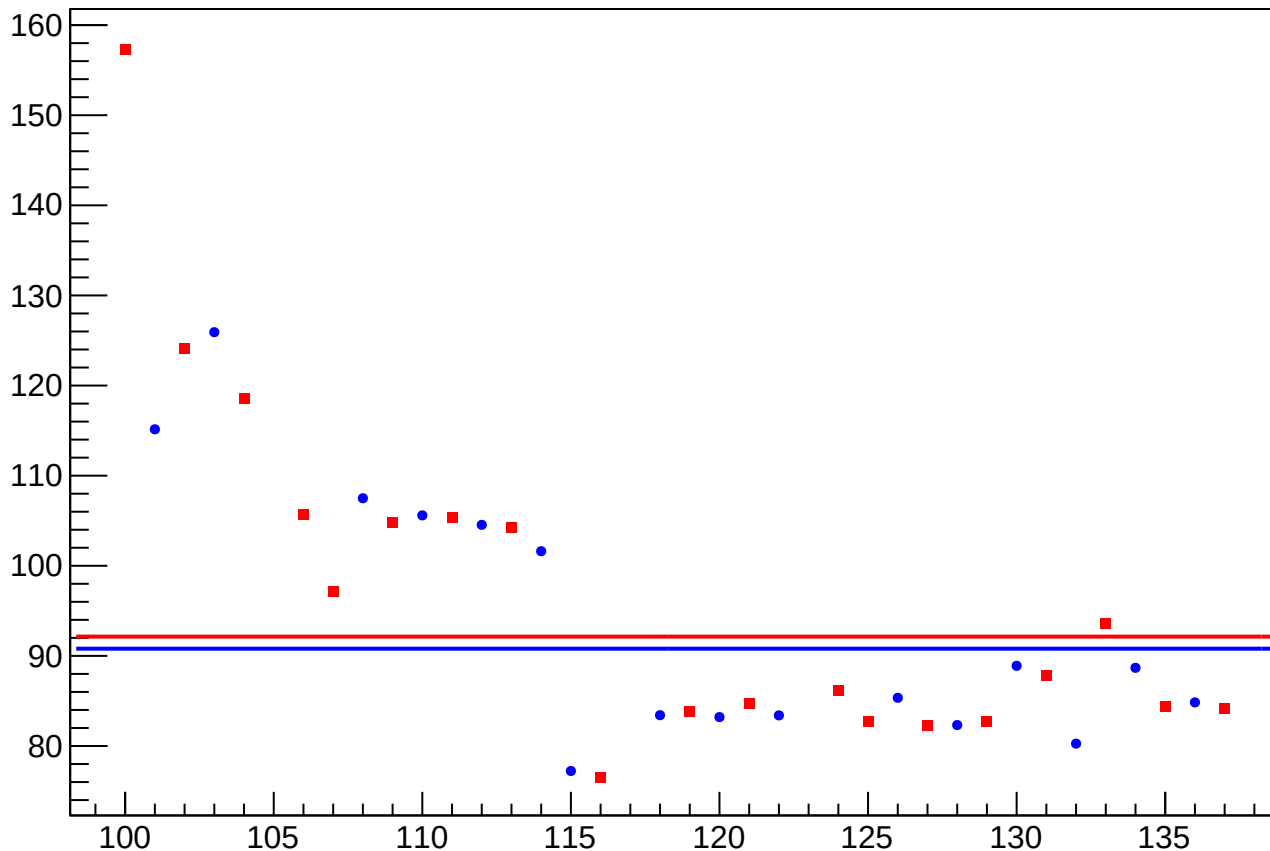
Right: 152.081 $\pm$ 24.177 χ^2 /NDF: 28.6/34

In: 160.024 $\pm$ 34.170 χ^2 /NDF:11.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.081 $\pm$ 24.177 χ^2 /NDF: 28.6/34

reg_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 90.802+/-0.024 χ^2/NDF : 272755.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.141+/-0.024 χ^2/NDF : 302032.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

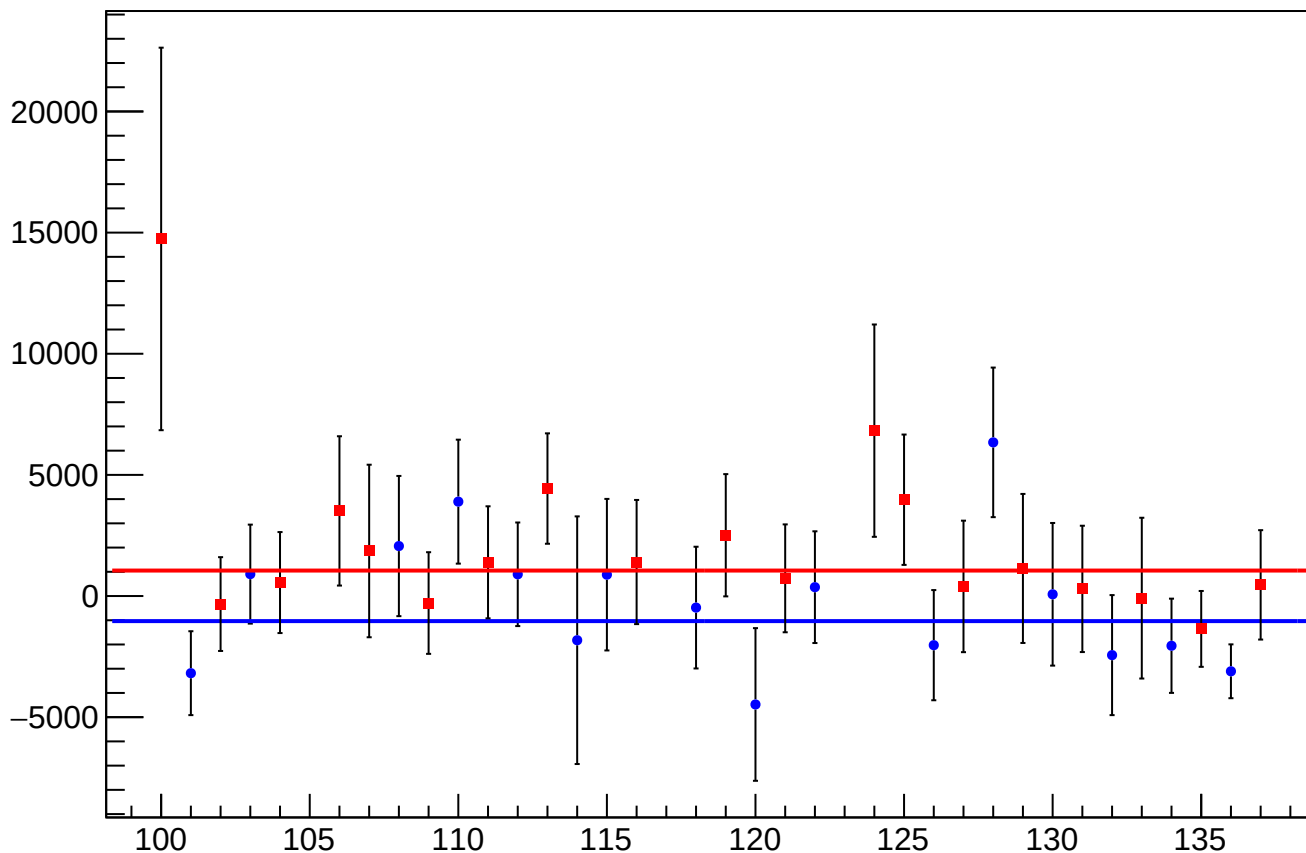
Right: 91.471+/-0.017 χ^2/NDF : 576322.1/34

In: 90.802+/-0.024 χ^2/NDF : 272755.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.471+/-0.017 χ^2/NDF : 576322.1/34

asym_sam_24_68_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1035.032 $\pm$ 550.207 χ^2 /NDF: 20.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1051.517 $\pm$ 568.935 χ^2 /NDF: 12.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

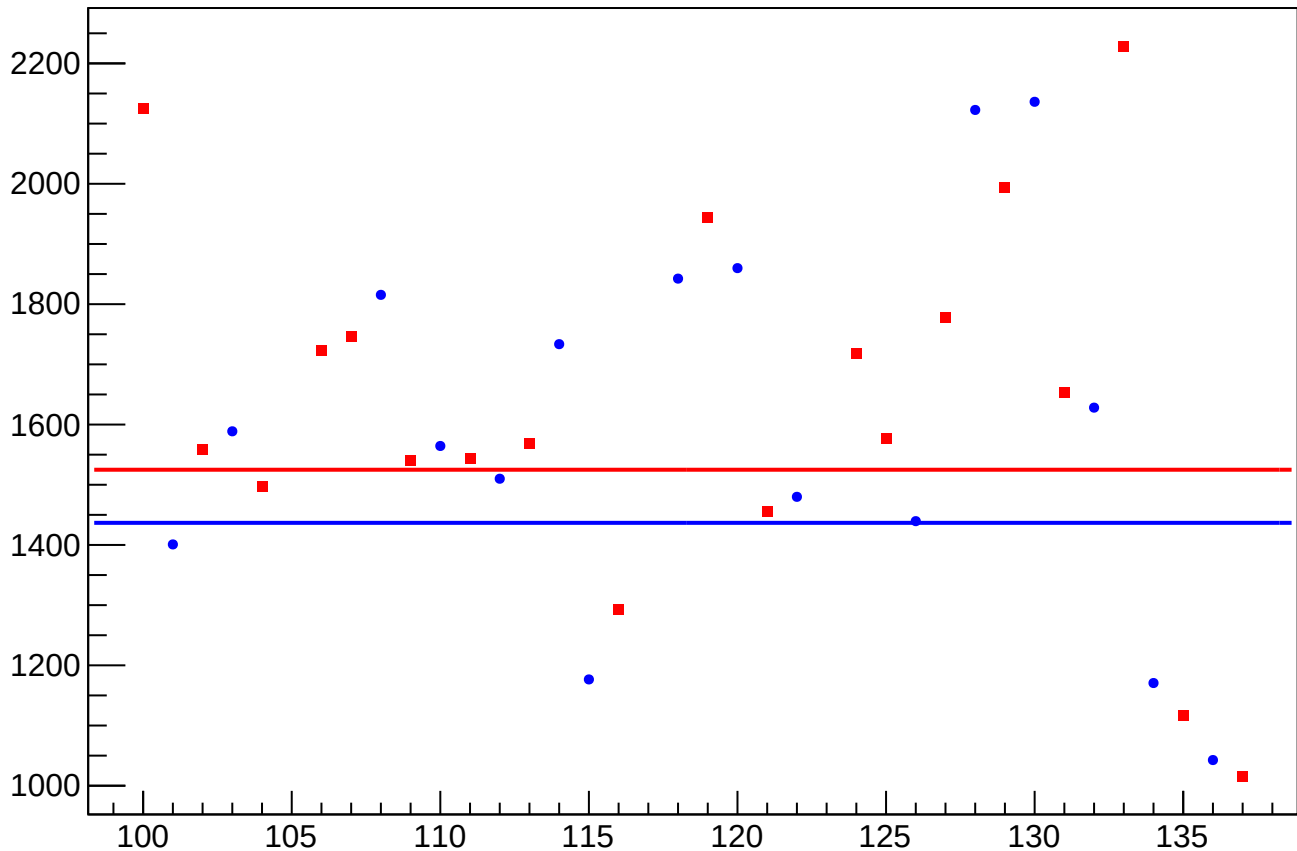
Right: -26.665 $\pm$ 395.510 χ^2 /NDF: 40.1/34

In: -1035.032 $\pm$ 550.207 χ^2 /NDF:20.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -26.665 $\pm$ 395.510 χ^2 /NDF: 40.1/34

asym_sam_24_68_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 1436.734+/-0.389 χ^2/NDF : 675672.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1524.955+/-0.402 χ^2/NDF : 504563.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

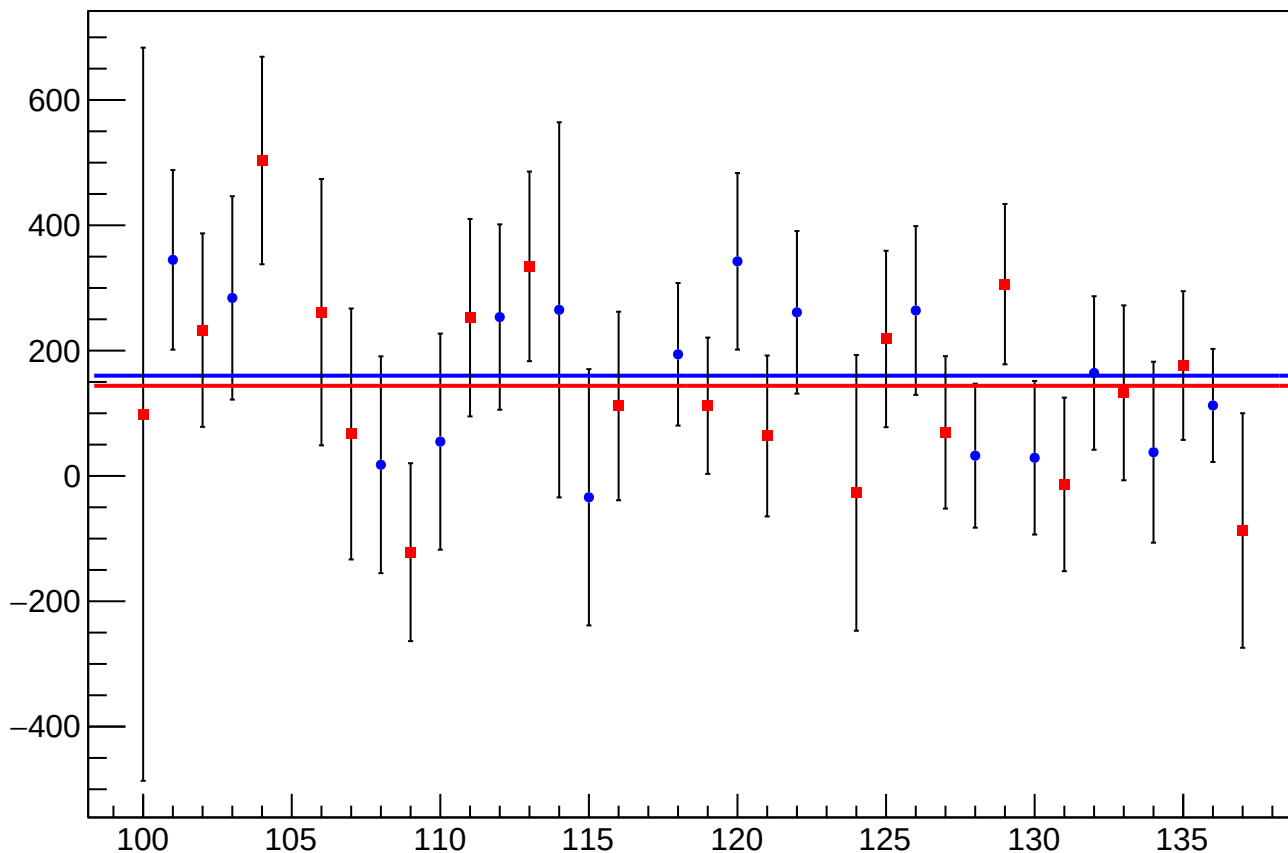
Right: 1479.369+/-0.280 χ^2/NDF : 1205085.6/34

In: 1436.734+/-0.389 χ^2/NDF : 675672.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1479.369+/-0.280 χ^2/NDF : 1205085.6/34

cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 160.020 $\pm$ 34.170 χ^2 /NDF: 11.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.862 $\pm$ 34.216 χ^2 /NDF: 17.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

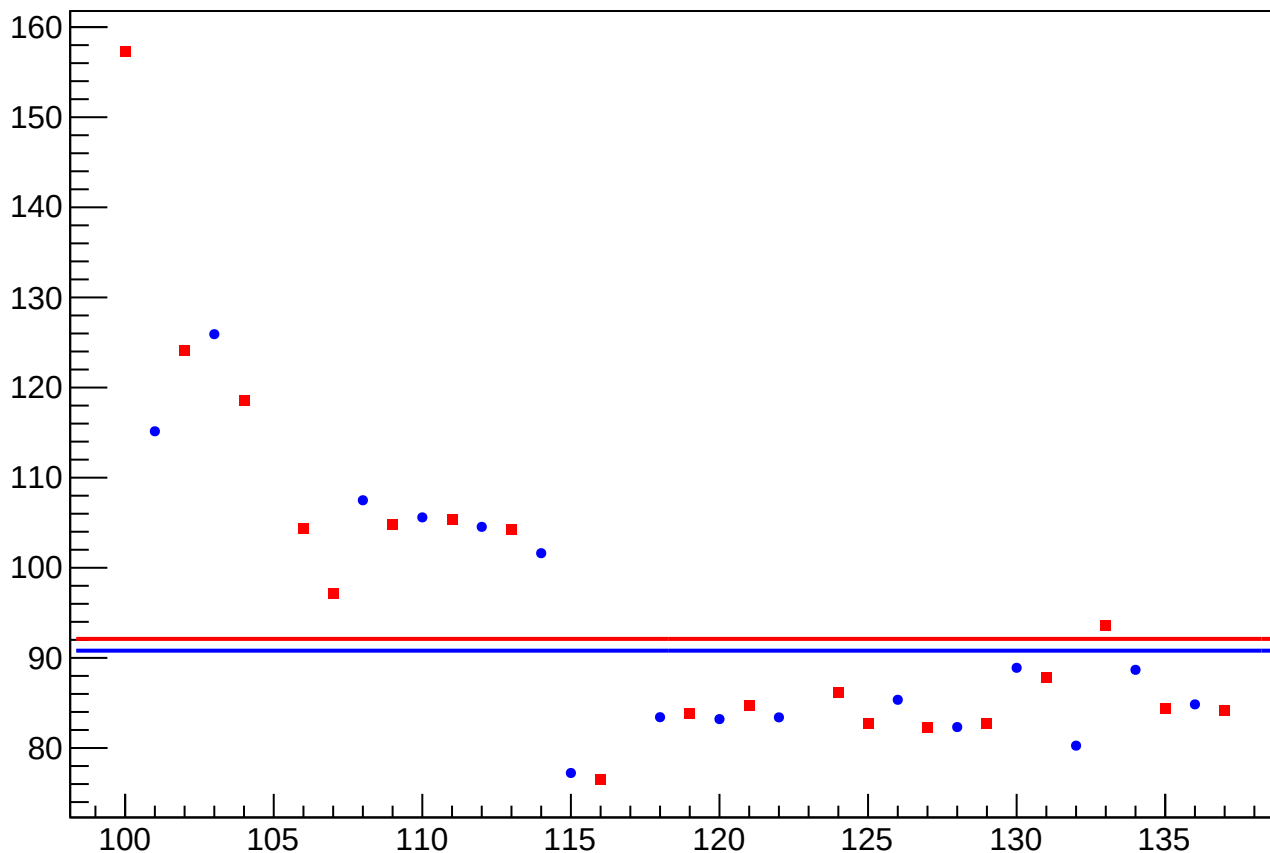
Right: 151.952 $\pm$ 24.178 χ^2 /NDF: 28.5/34

In: 160.020 $\pm$ 34.170 χ^2 /NDF:11.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.952 $\pm$ 24.178 χ^2 /NDF: 28.5/34

cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 90.802+/-0.024 χ^2/NDF : 272757.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.108+/-0.024 χ^2/NDF : 300768.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

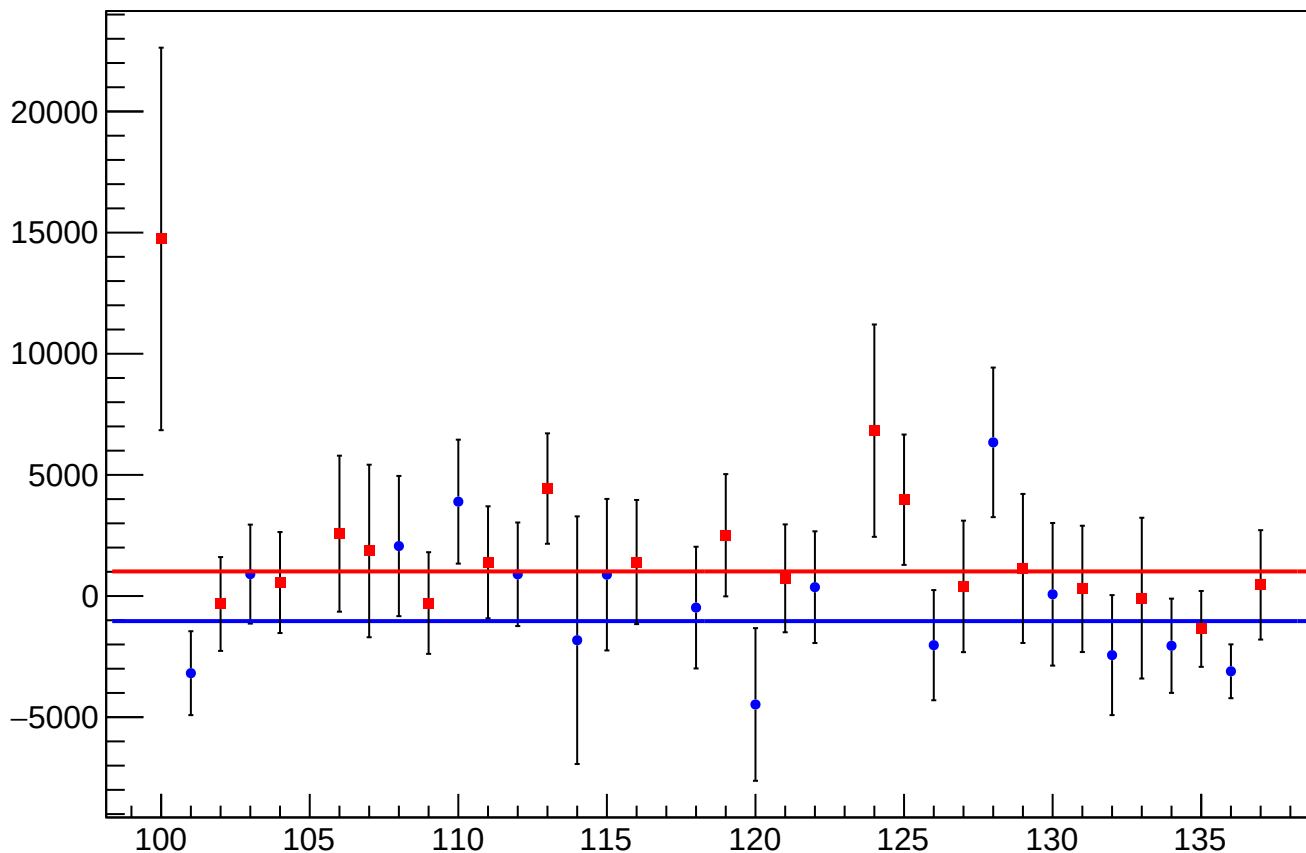
Right: 91.454+/-0.017 χ^2/NDF : 574984.5/34

In: 90.802+/-0.024 χ^2/NDF : 272757.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.454+/-0.017 χ^2/NDF : 574984.5/34

asym_sam_24_68_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -1035.009 $\pm$ 550.208 χ^2 /NDF: 20.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1015.387 $\pm$ 569.773 χ^2 /NDF: 12.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

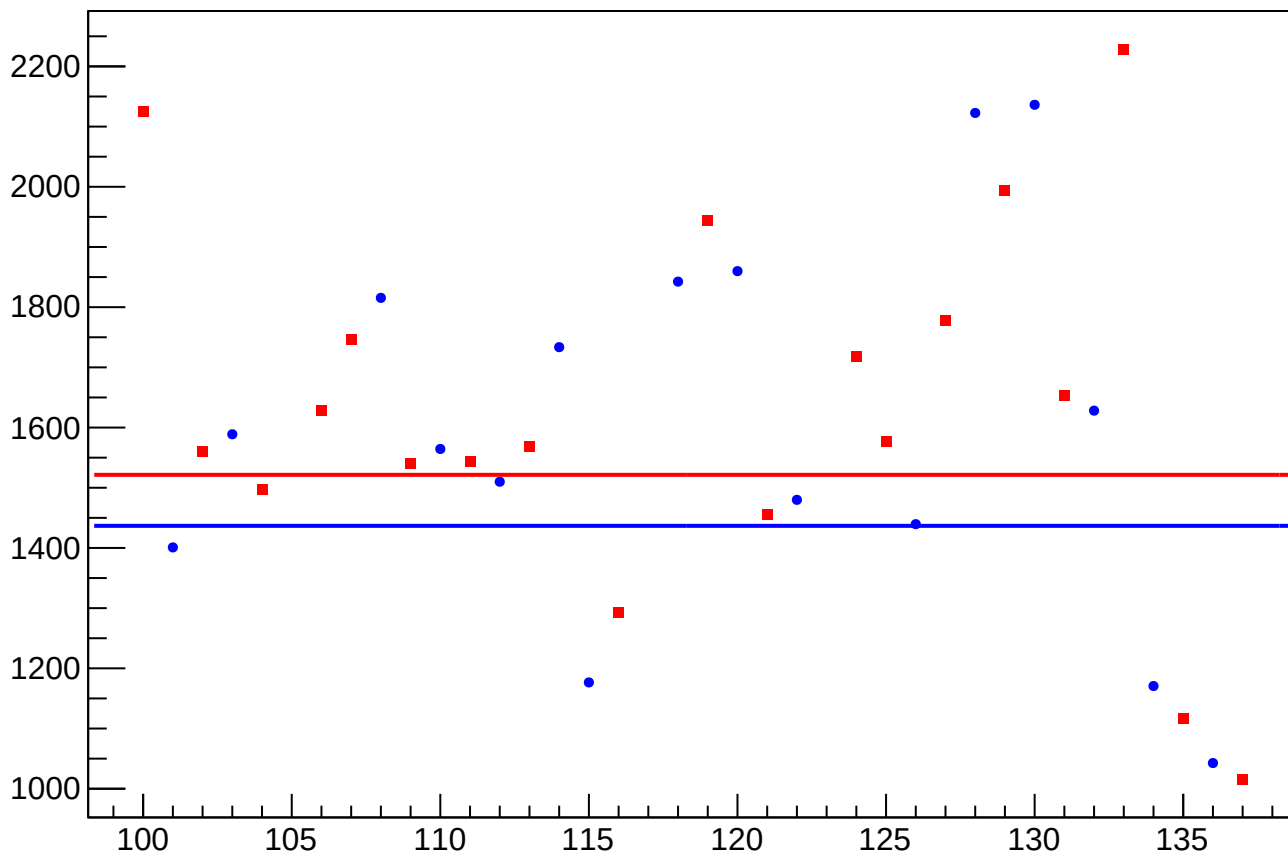
Right: -45.617 $\pm$ 395.792 χ^2 /NDF: 39.4/34

In: -1035.009 $\pm$ 550.208 χ^2 /NDF:20.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -45.617 $\pm$ 395.792 χ^2 /NDF: 39.4/34

asym_sam_24_68_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1521.496+/-0.403 χ^2/NDF : 498363.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

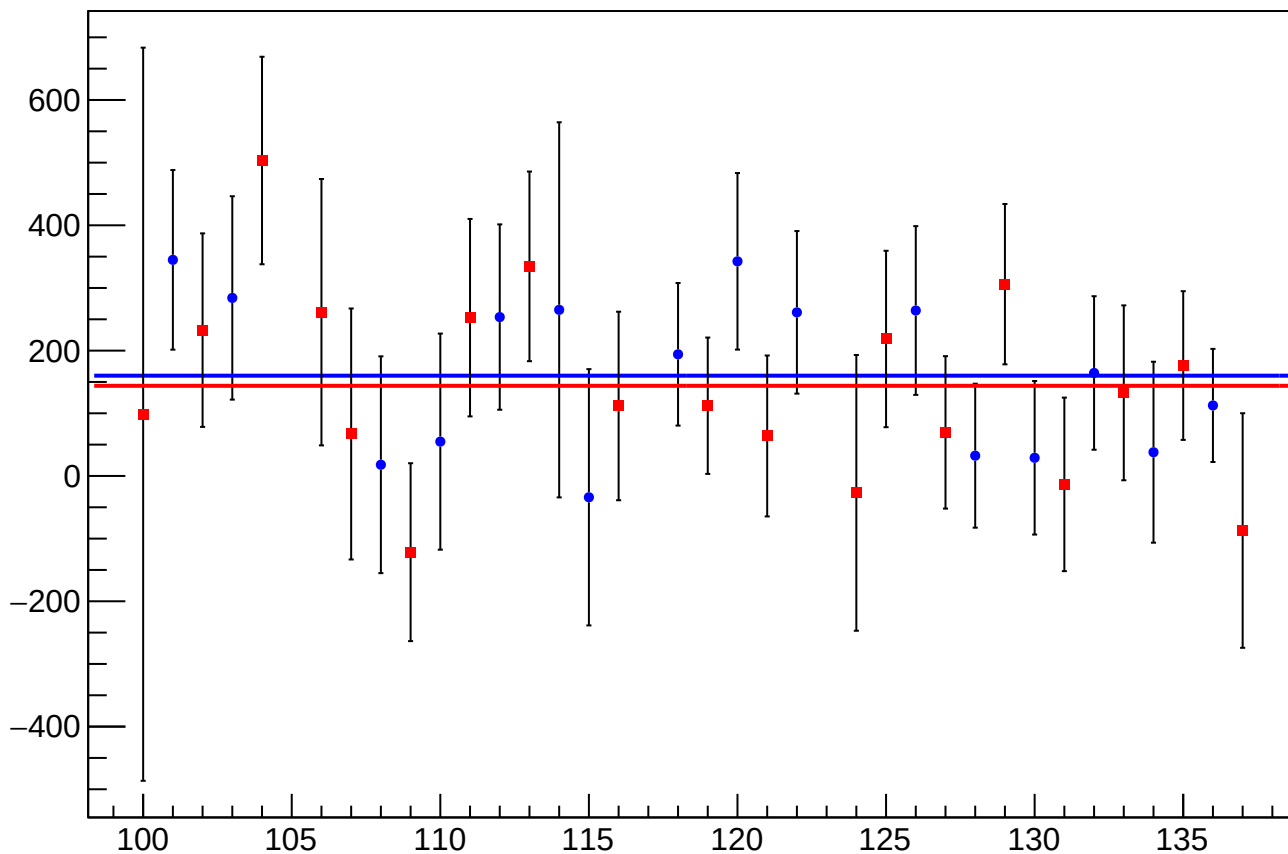
Right: 1477.637+/-0.280 χ^2/NDF : 1196946.2/34

In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1477.637+/-0.280 χ^2/NDF : 1196946.2/34

eigen_cor_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 160.020 $\pm$ 34.170 χ^2 /NDF: 11.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 143.862 $\pm$ 34.216 χ^2 /NDF: 17.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

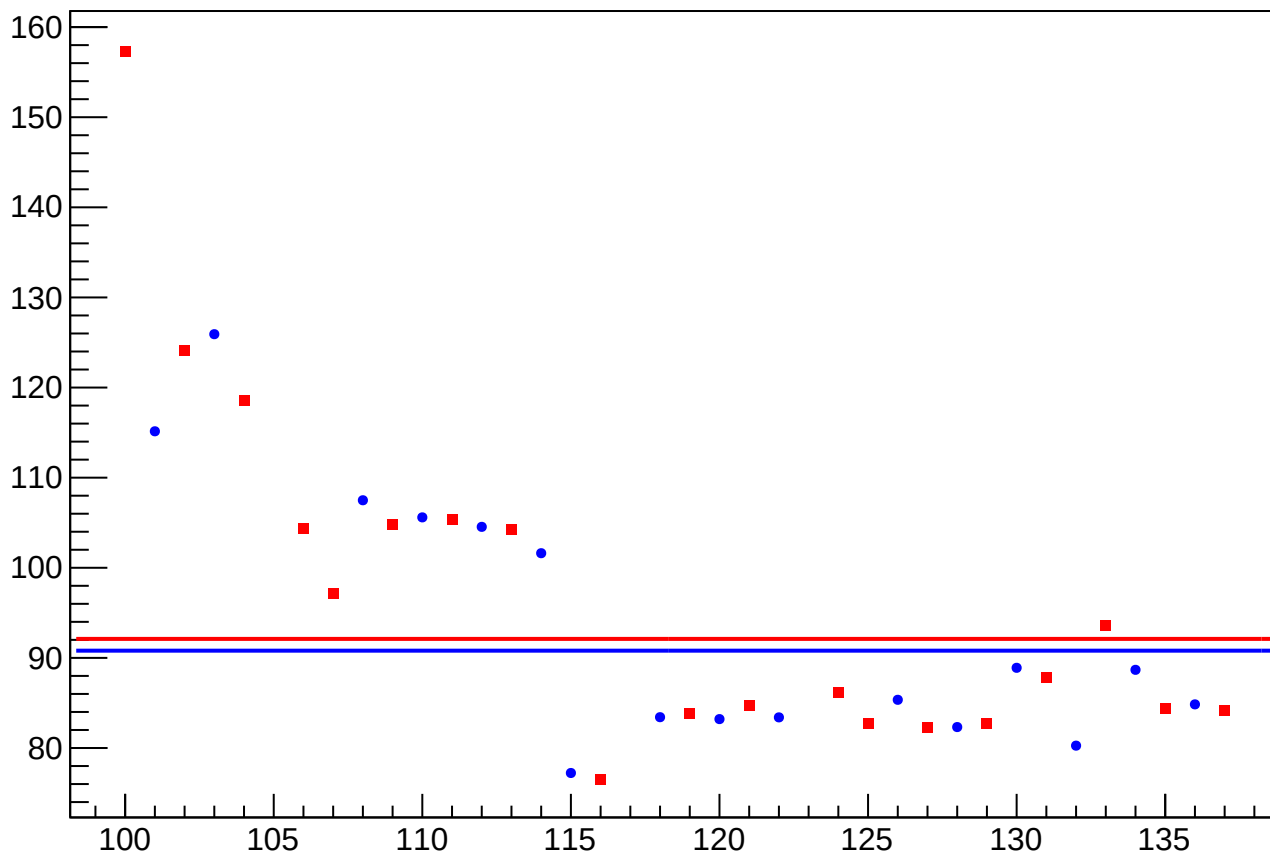
Right: 151.952 $\pm$ 24.178 χ^2 /NDF: 28.5/34

In: 160.020 $\pm$ 34.170 χ^2 /NDF:11.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 151.952 $\pm$ 24.178 χ^2 /NDF: 28.5/34

eigen_cor_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 90.802 $\pm$ 0.024 χ^2 /NDF: 272757.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 92.108 $\pm$ 0.024 χ^2 /NDF: 300768.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

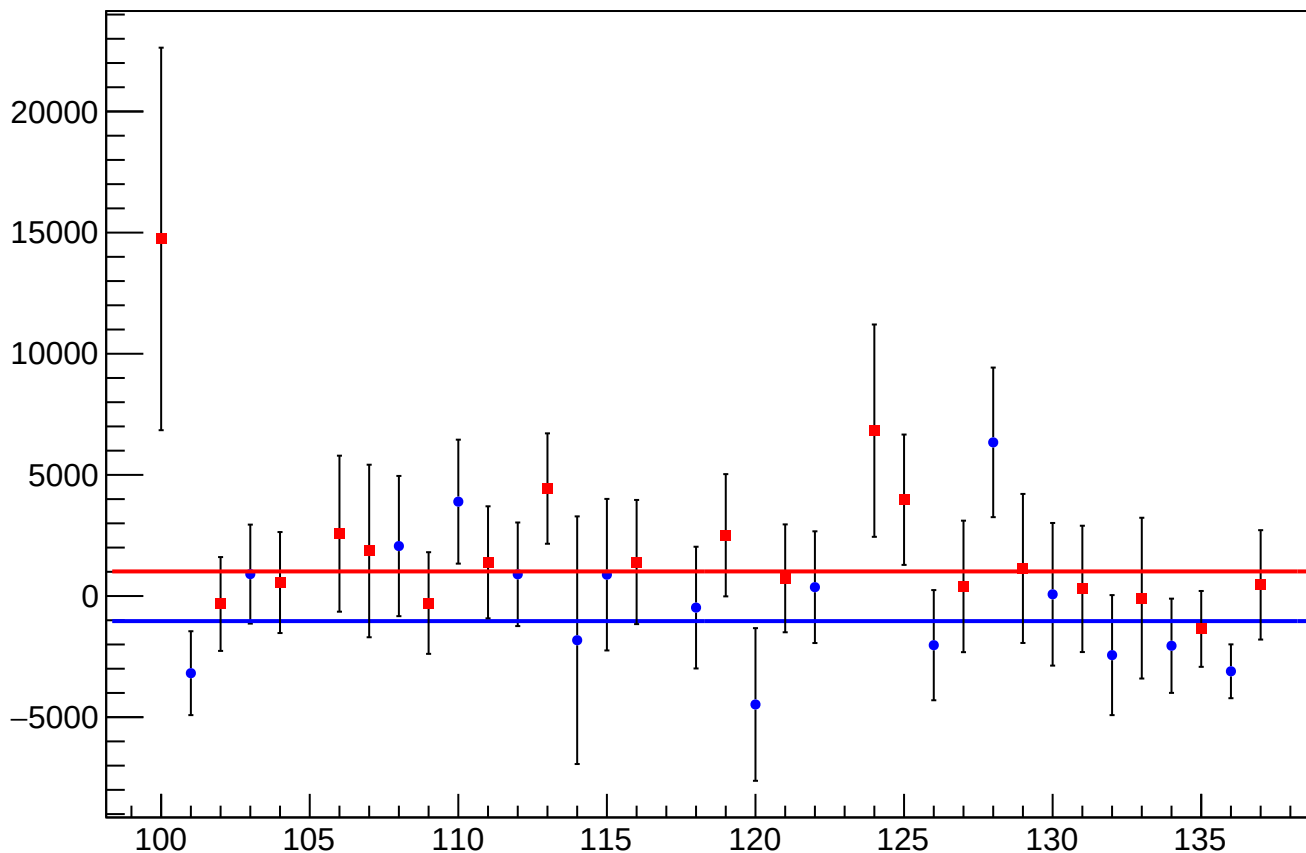
Right: 91.454 $\pm$ 0.017 χ^2 /NDF: 574984.5/34

In: 90.802 $\pm$ 0.024 χ^2 /NDF: 272757.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.454 $\pm$ 0.017 χ^2 /NDF: 574984.5/34

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1035.009+/-550.208 χ^2/NDF : 20.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1015.387+/-569.773 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

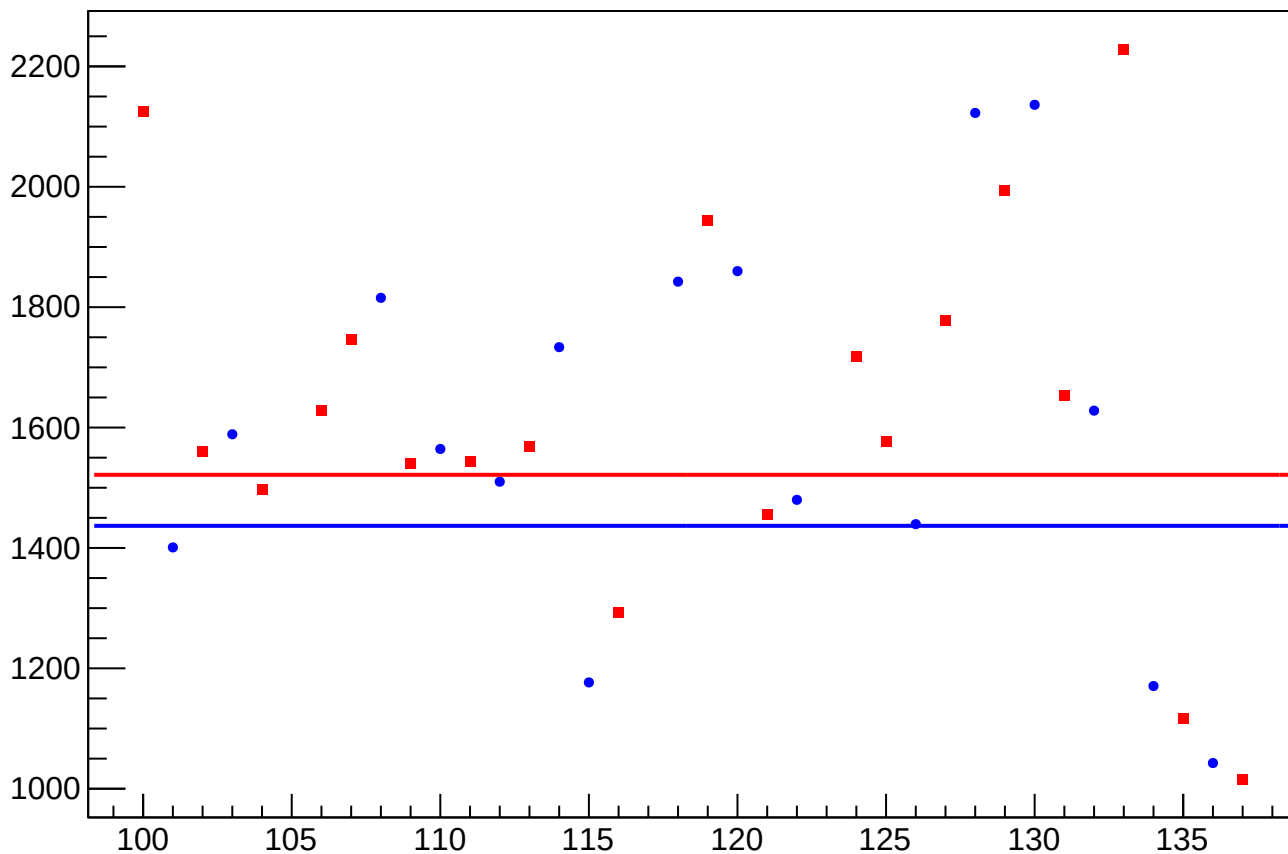
Right: -45.617+/-395.792 χ^2/NDF : 39.4/34

In: -1035.009+/-550.208 χ^2/NDF : 20.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -45.617+/-395.792 χ^2/NDF : 39.4/34

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1521.496+/-0.403 χ^2/NDF : 498363.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

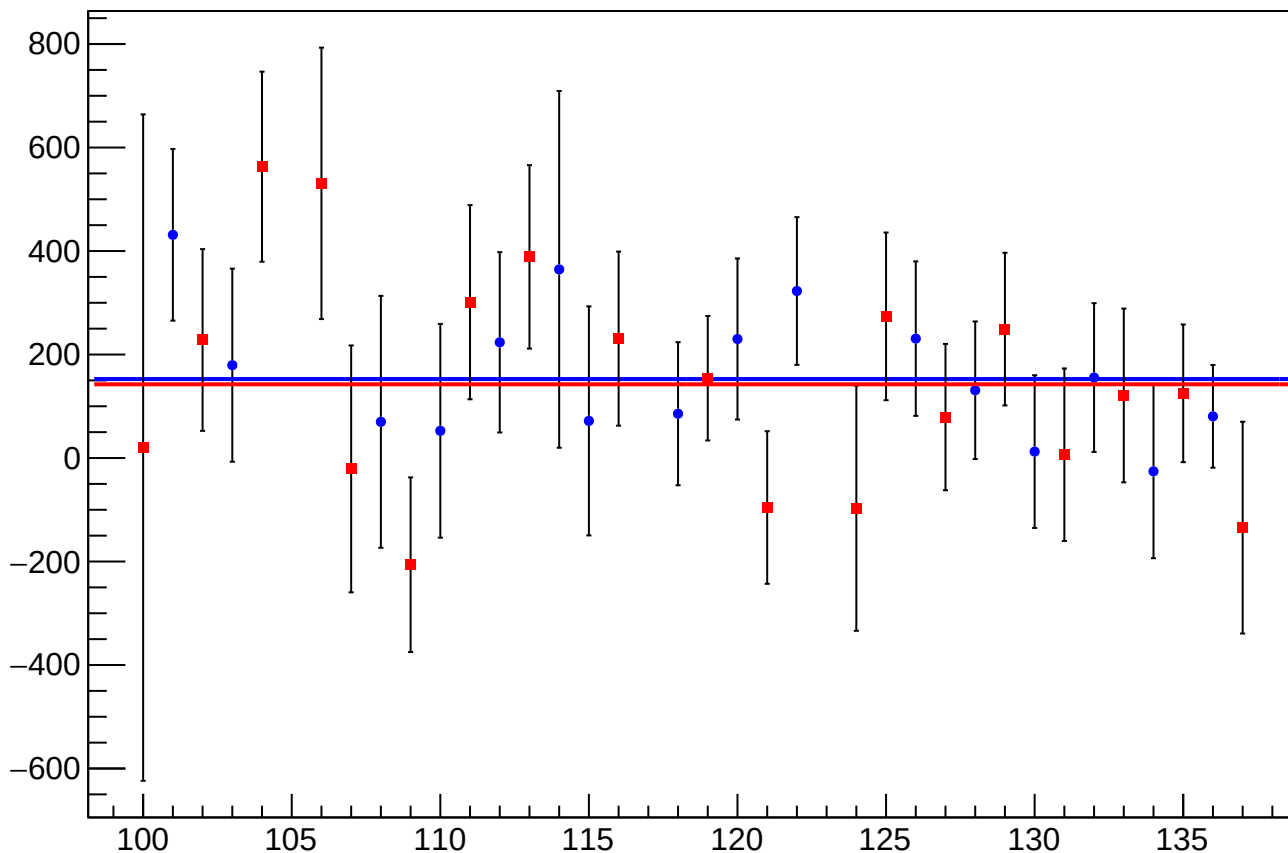
Right: 1477.637+/-0.280 χ^2/NDF : 1196946.2/34

In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1477.637+/-0.280 χ^2/NDF : 1196946.2/34

dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 152.626 $\pm$ 39.446 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.496 $\pm$ 39.340 χ^2 /NDF: 22.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

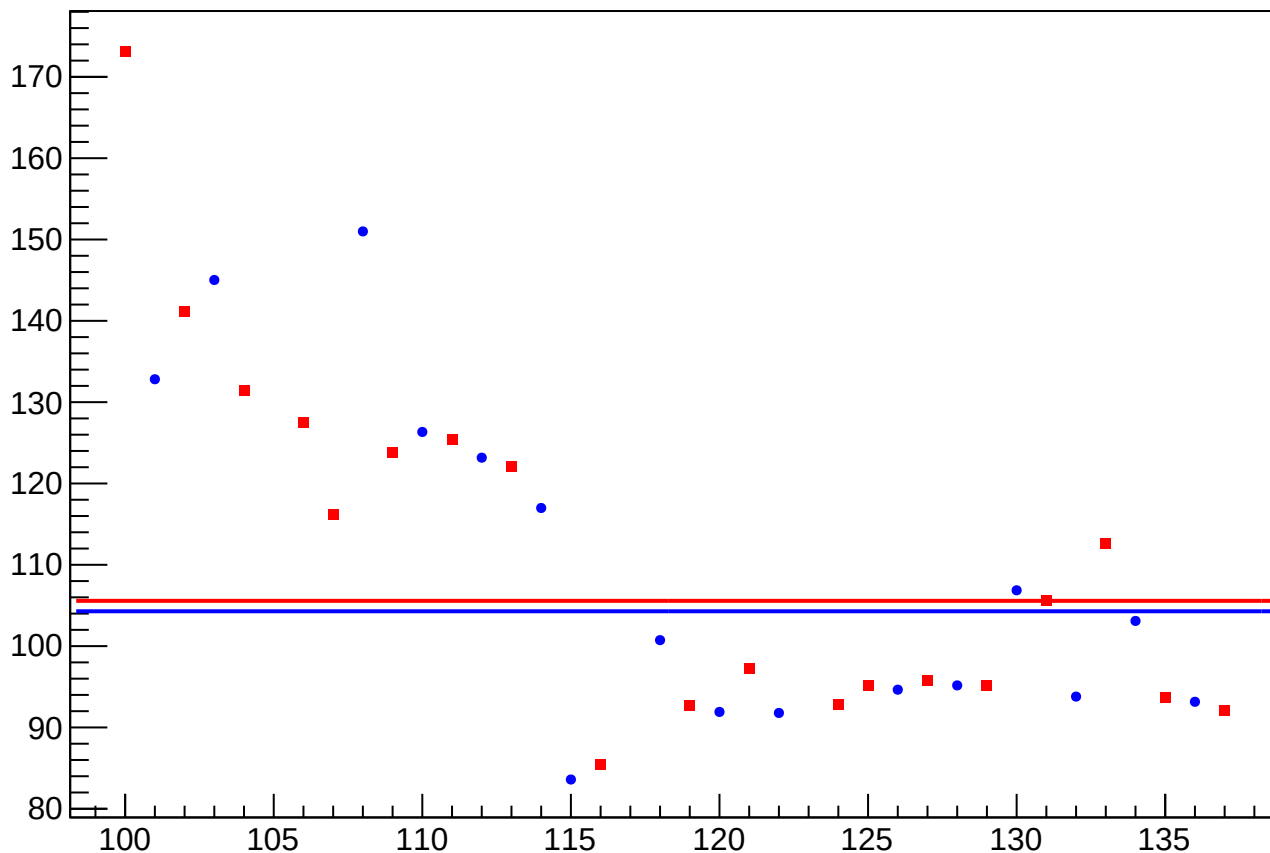
Right: 147.548 $\pm$ 27.855 χ^2 /NDF: 31.6/34

In: 152.626 $\pm$ 39.446 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.548 $\pm$ 27.855 χ^2 /NDF: 31.6/34

dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 104.286+/-0.028 χ^2/NDF : 378310.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.568+/-0.028 χ^2/NDF : 344605.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

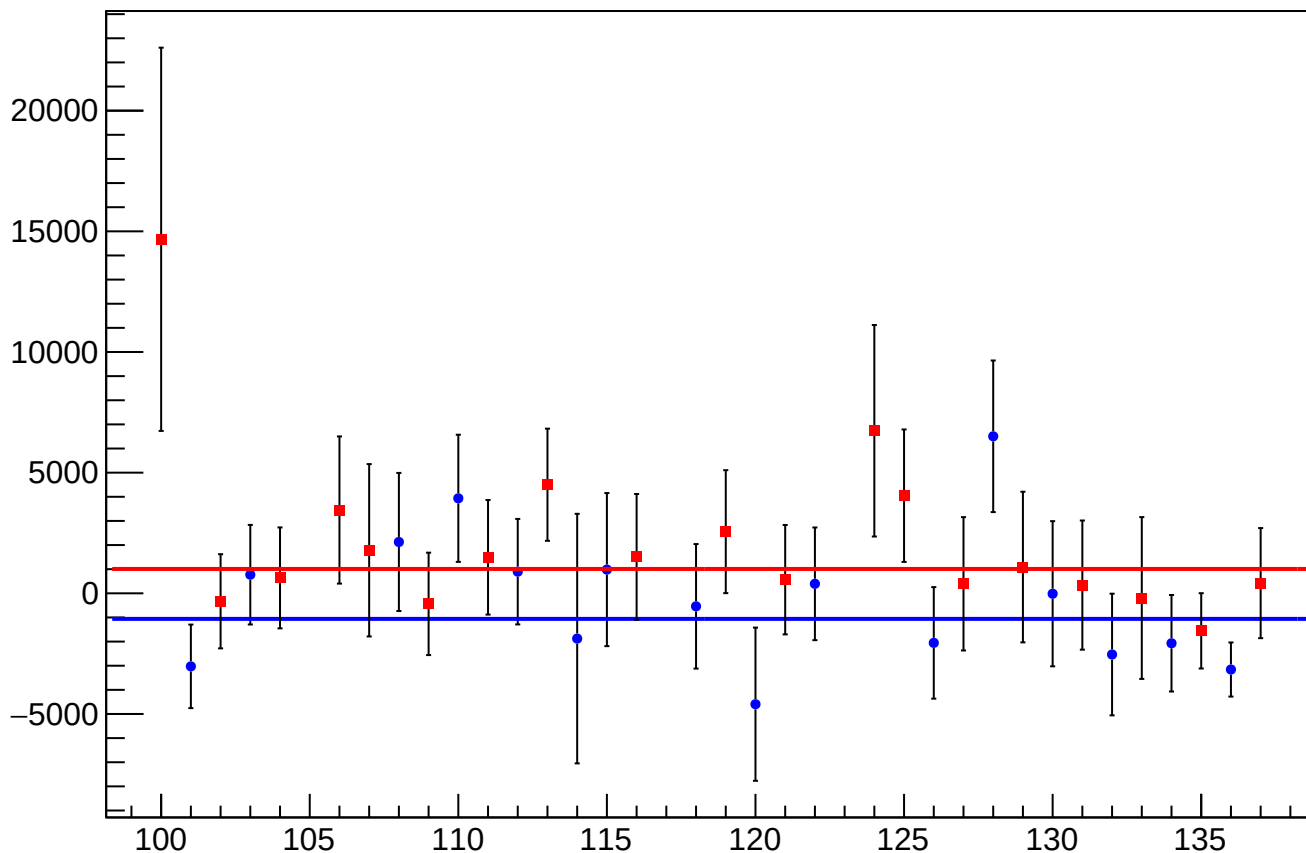
Right: 104.929+/-0.020 χ^2/NDF : 723975.9/34

In: 104.286+/-0.028 χ^2/NDF : 378310.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.929+/-0.020 χ^2/NDF : 723975.9/34

asym_sam_24_68_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1059.357 $\pm$ 557.645 χ^2 /NDF: 20.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1009.907 $\pm$ 575.100 χ^2 /NDF: 13.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

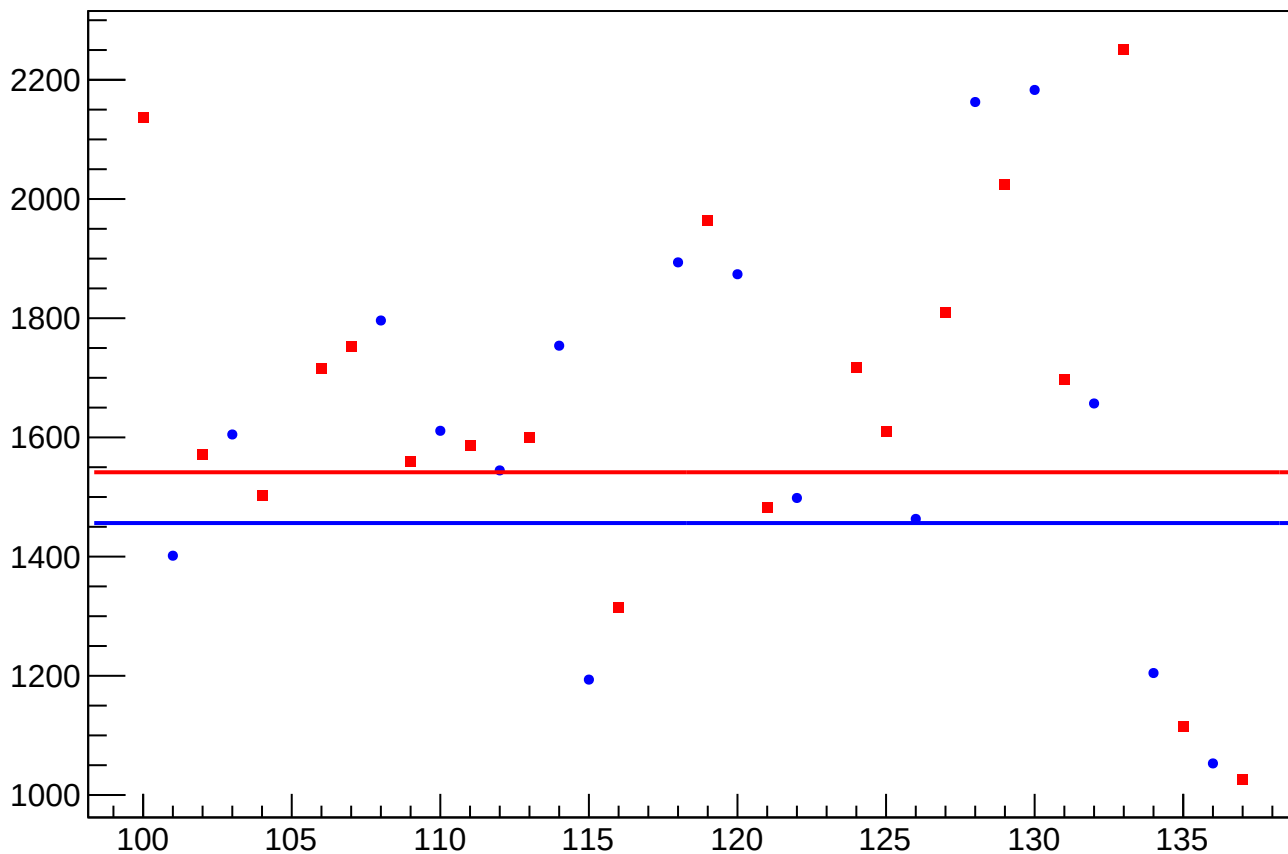
Right: -56.604 $\pm$ 400.343 χ^2 /NDF: 40.0/34

In: -1059.357 $\pm$ 557.645 χ^2 /NDF:20.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -56.604 $\pm$ 400.343 χ^2 /NDF: 40.0/34

asym_sam_24_68_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1456.303+/-0.394 χ^2/NDF : 684806.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.522+/-0.407 χ^2/NDF : 519336.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

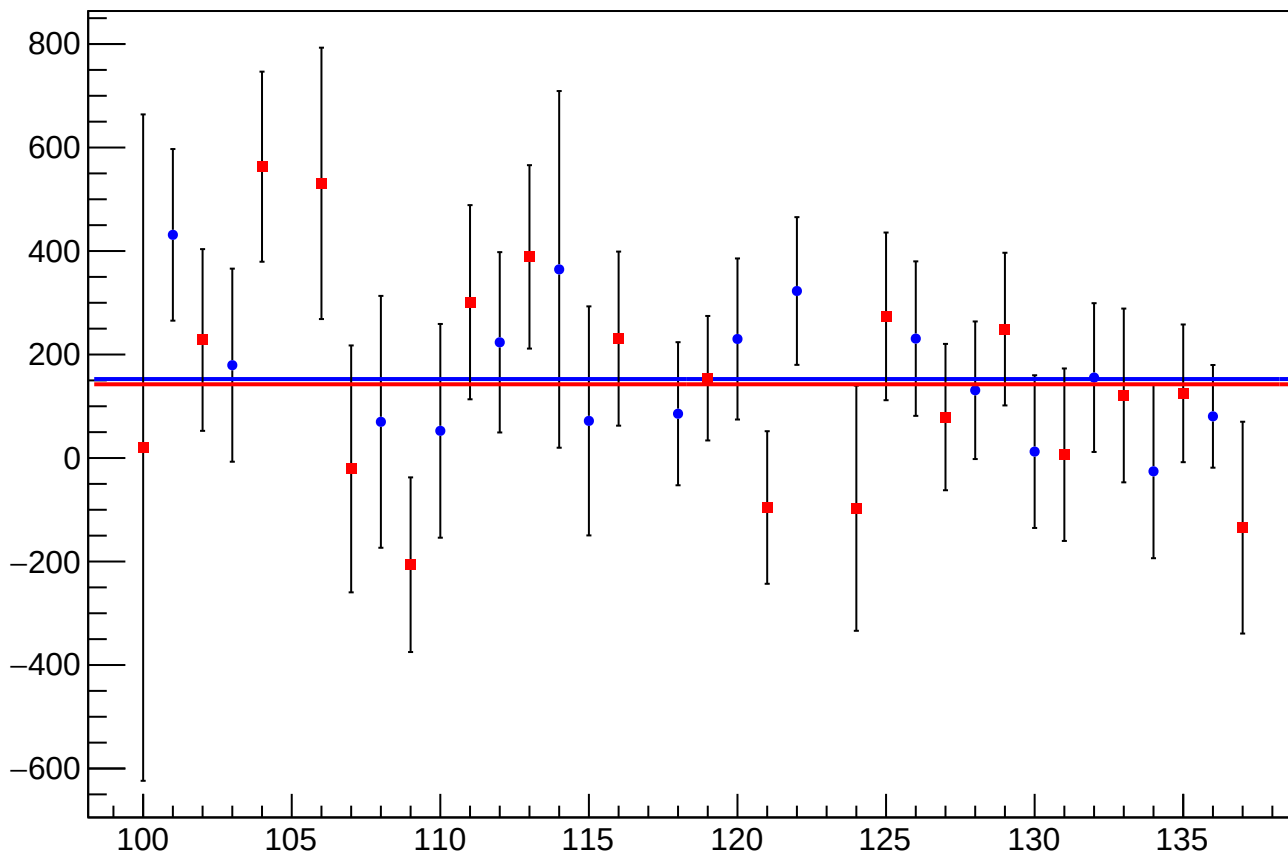
Right: 1497.600+/-0.283 χ^2/NDF : 1226777.5/34

In: 1456.303+/-0.394 χ^2/NDF : 684806.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.600+/-0.283 χ^2/NDF : 1226777.5/34

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 152.628 $\pm$ 39.446 χ^2 /NDF: 8.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.494 $\pm$ 39.340 χ^2 /NDF: 22.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

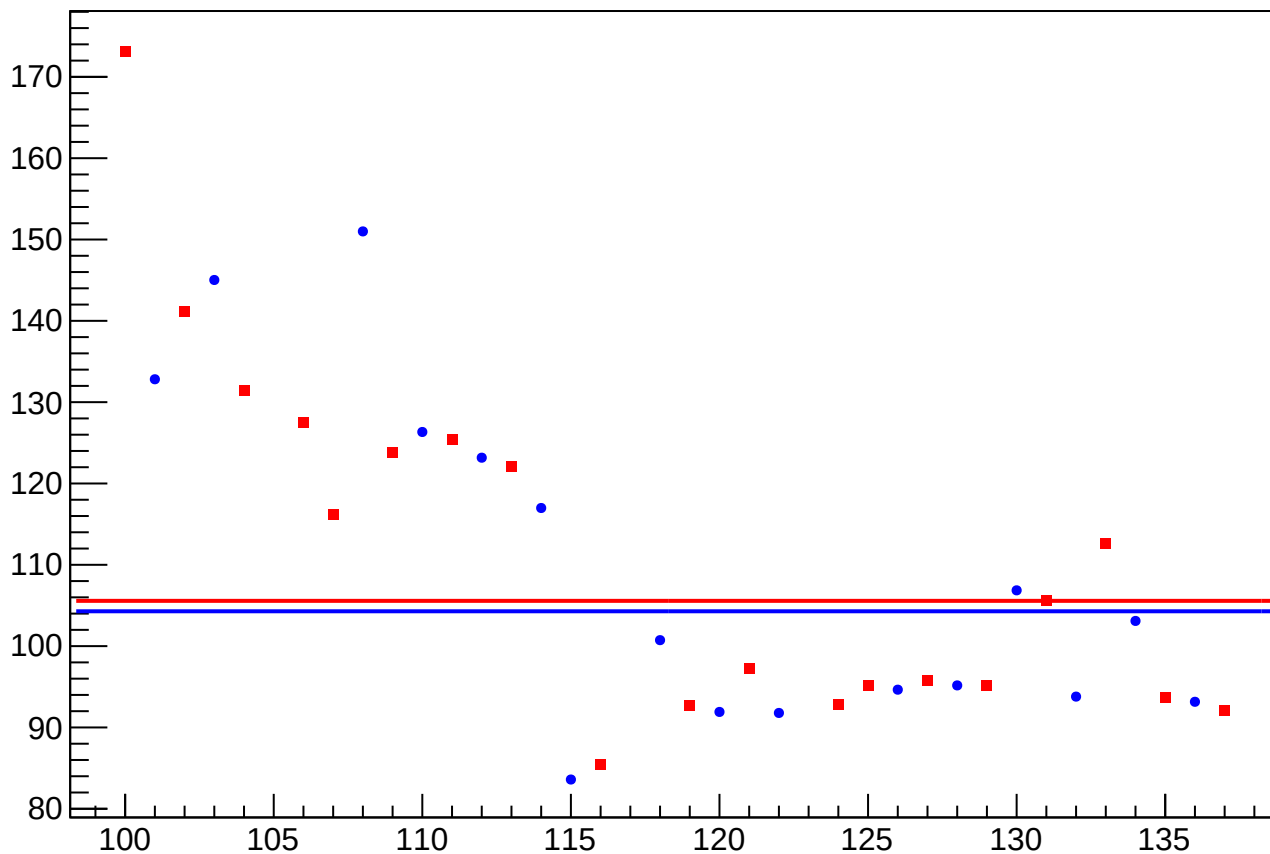
Right: 147.548 $\pm$ 27.855 χ^2 /NDF: 31.6/34

In: 152.628 $\pm$ 39.446 χ^2 /NDF:8.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 147.548 $\pm$ 27.855 χ^2 /NDF: 31.6/34

eigen_dit_asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 104.285+/-0.028 χ^2/NDF : 378313.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.567+/-0.028 χ^2/NDF : 344605.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

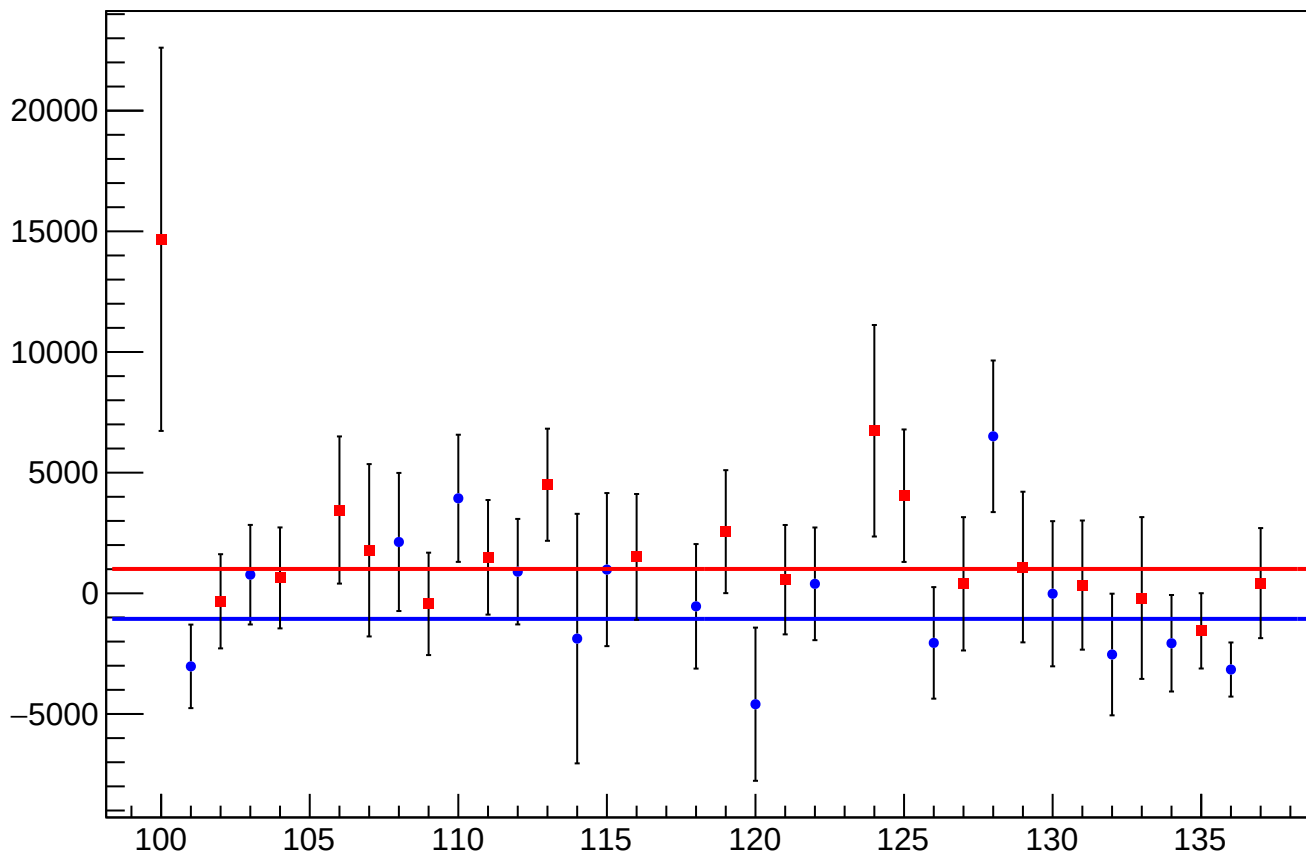
Right: 104.928+/-0.020 χ^2/NDF : 723977.9/34

In: 104.285+/-0.028 χ^2/NDF : 378313.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.928+/-0.020 χ^2/NDF : 723977.9/34

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1059.353+/-557.644 χ^2/NDF : 20.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1009.907+/-575.099 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

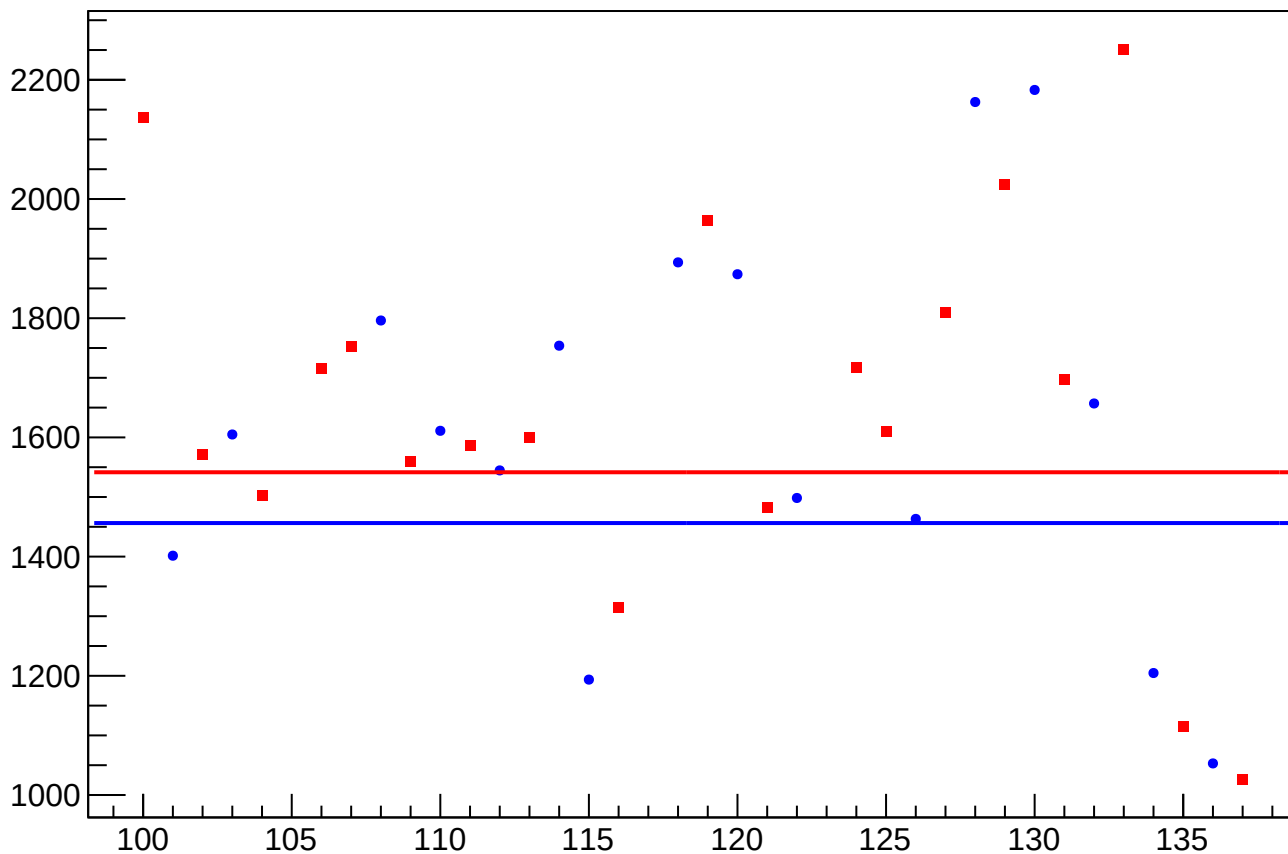
Right: -56.602+/-400.342 χ^2/NDF : 40.0/34

In: -1059.353+/-557.644 χ^2/NDF : 20.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.602+/-400.342 χ^2/NDF : 40.0/34

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1456.301+/-0.394 χ^2/NDF : 684803.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1541.520+/-0.407 χ^2/NDF : 519336.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

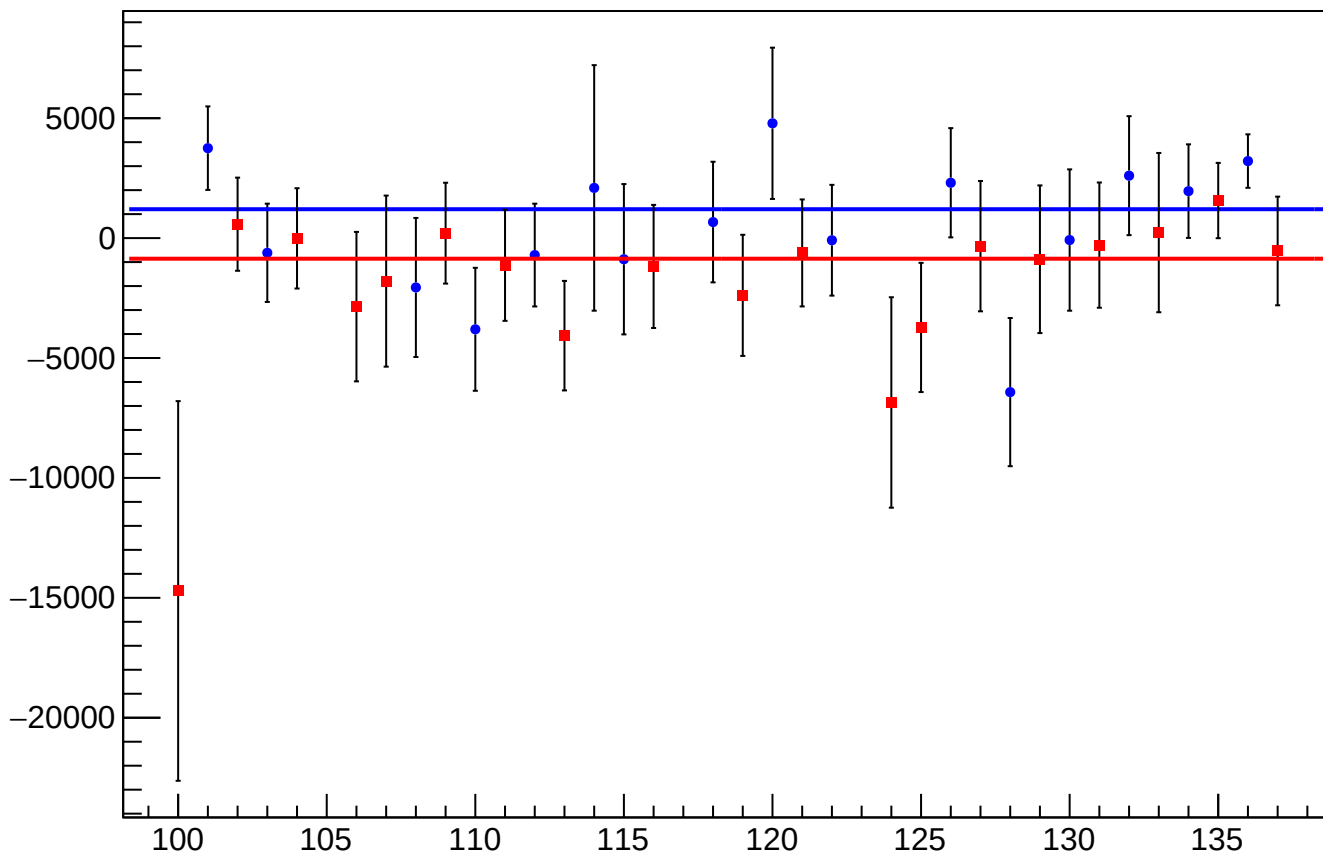
Right: 1497.597+/-0.283 χ^2/NDF : 1226774.5/34

In: 1456.301+/-0.394 χ^2/NDF : 684803.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1497.597+/-0.283 χ^2/NDF : 1226774.5/34

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1204.691 $\pm$ 551.729 χ^2 /NDF: 21.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -859.290 $\pm$ 570.391 χ^2 /NDF: 12.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

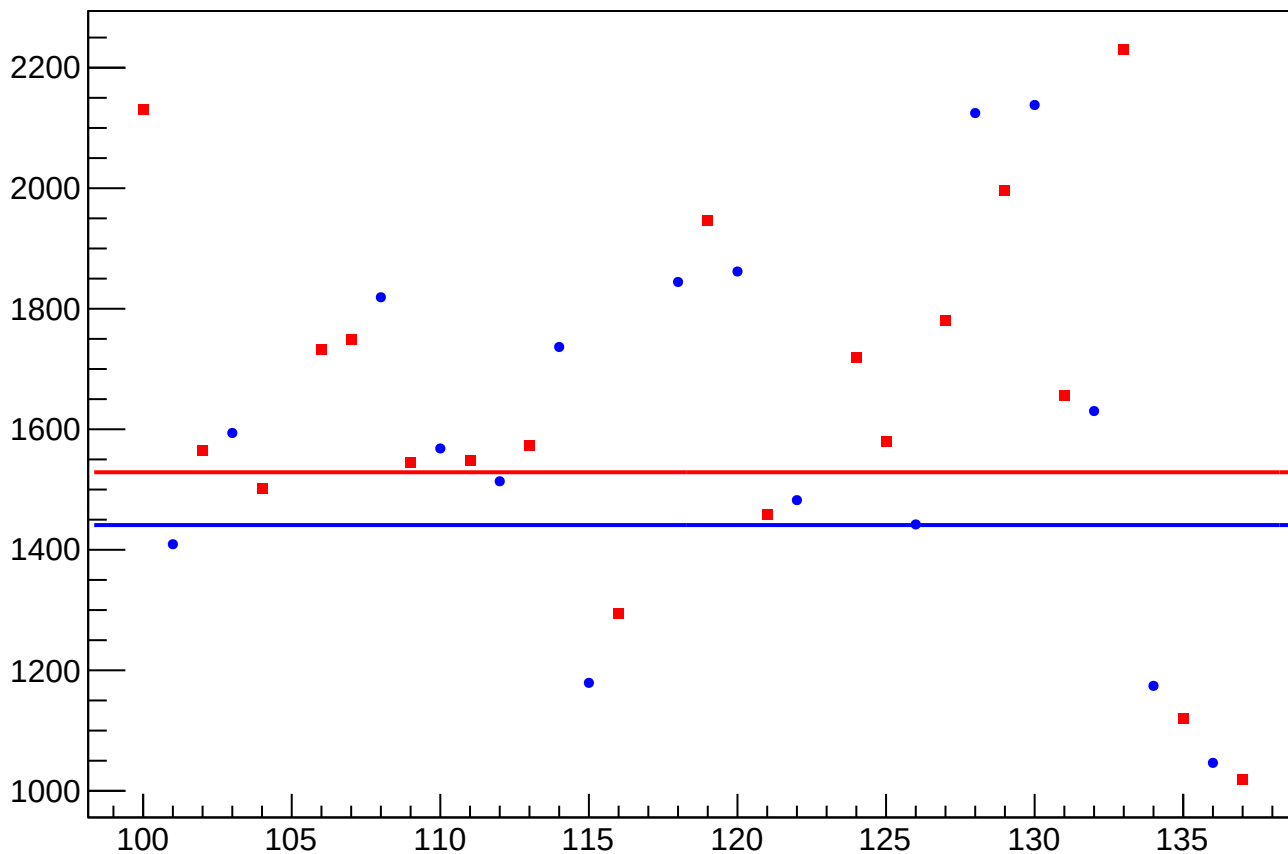
Right: 207.019 $\pm$ 396.565 χ^2 /NDF: 40.4/34

In: 1204.691 $\pm$ 551.729 χ^2 /NDF:21.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 207.019 $\pm$ 396.565 χ^2 /NDF: 40.4/34

asym_sam_24_68_dd_rms vs Slug, Sign Corrected



Right In: 1441.025+/-0.390 χ^2/NDF : 670674.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1528.652+/-0.403 χ^2/NDF : 501717.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

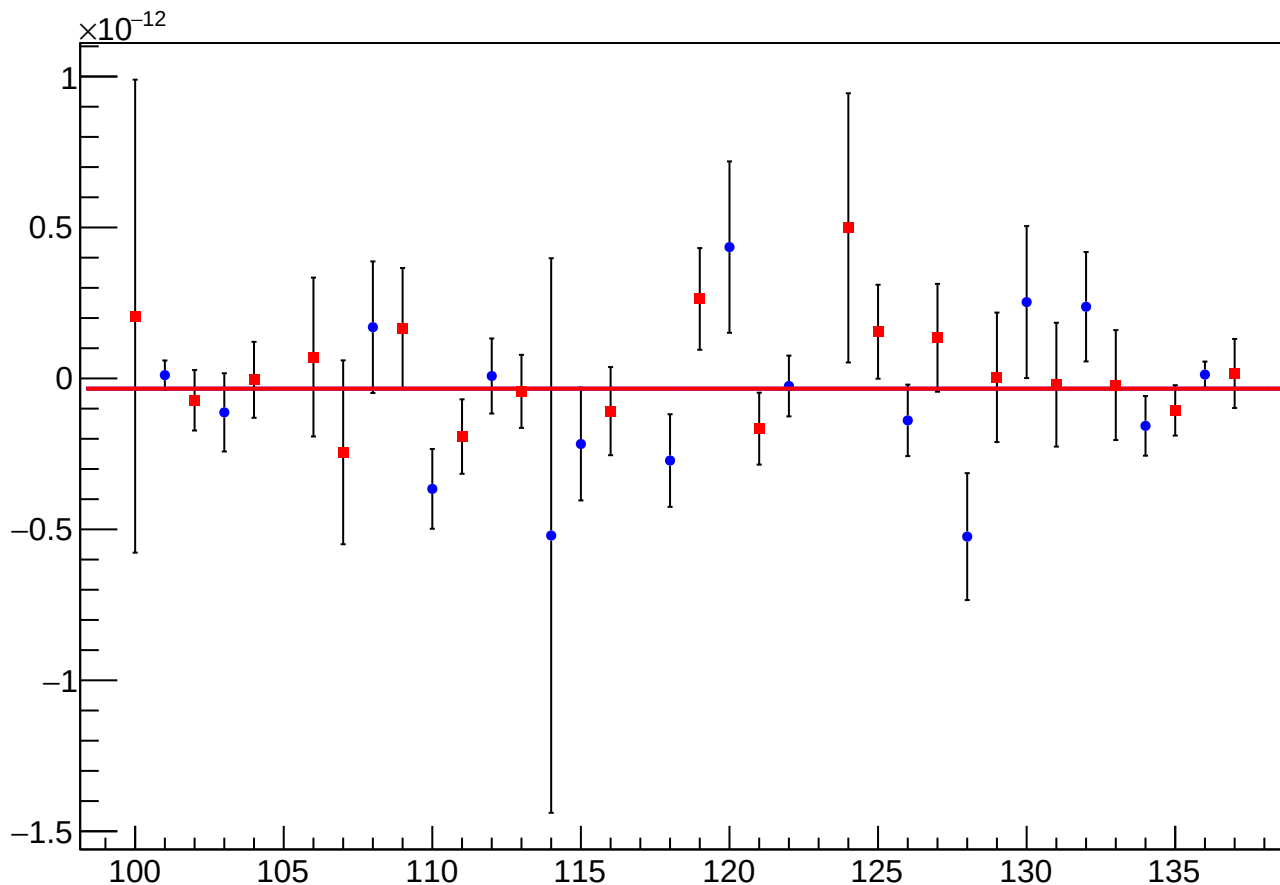
Right: 1483.381+/-0.280 χ^2/NDF : 1196778.1/34

In: 1441.025+/-0.390 χ^2/NDF : 670674.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1483.381+/-0.280 χ^2/NDF : 1196778.1/34

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 27.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

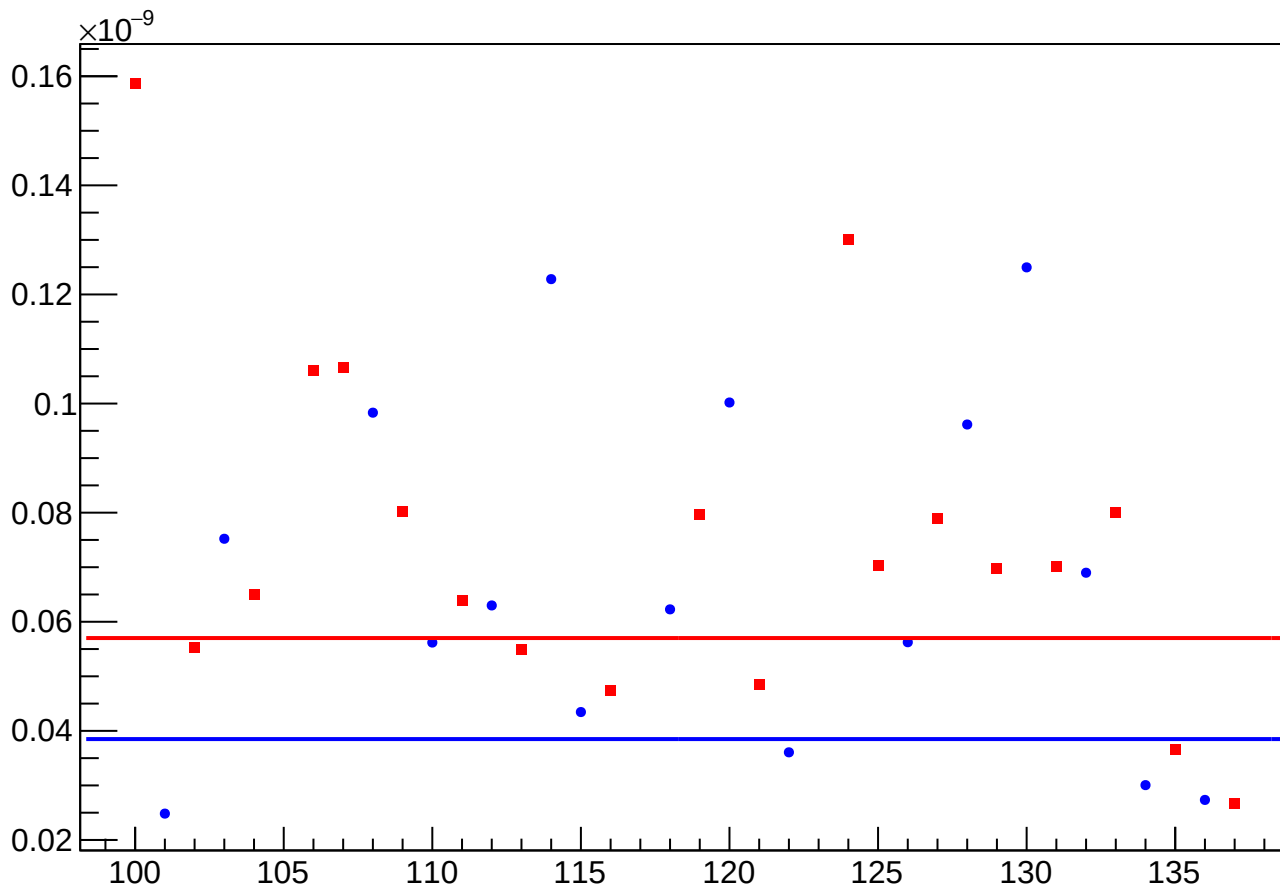
Right: -0.000+/-0.000 χ^2/NDF : 40.4/34

In: -0.000+/-0.000 χ^2/NDF : 27.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.4/34

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1382311.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 660994.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

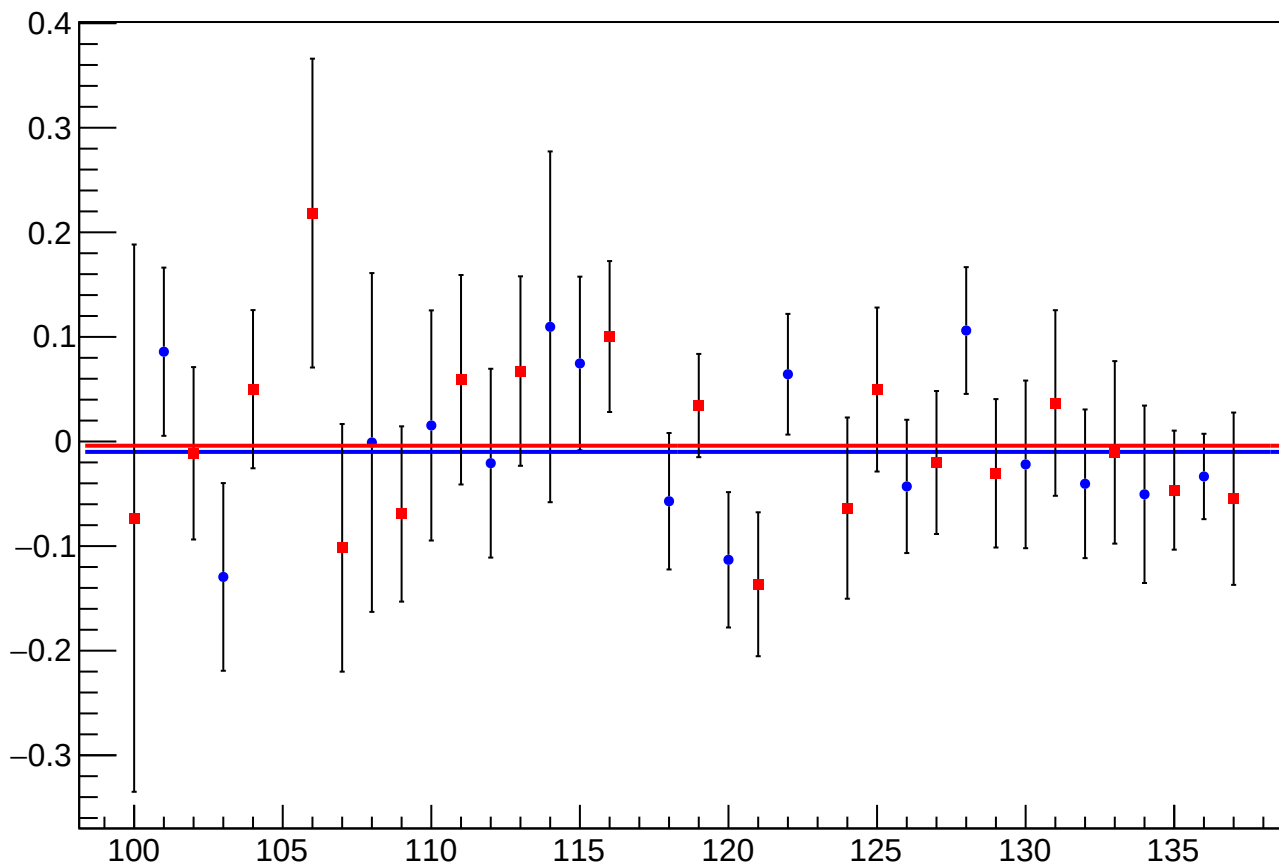
Right: 0.000+/-0.000 χ^2/NDF : 2430892.0/34

In: 0.000+/-0.000 χ^2/NDF : 1382311.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2430892.0/34

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.018 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.004+/-0.018 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

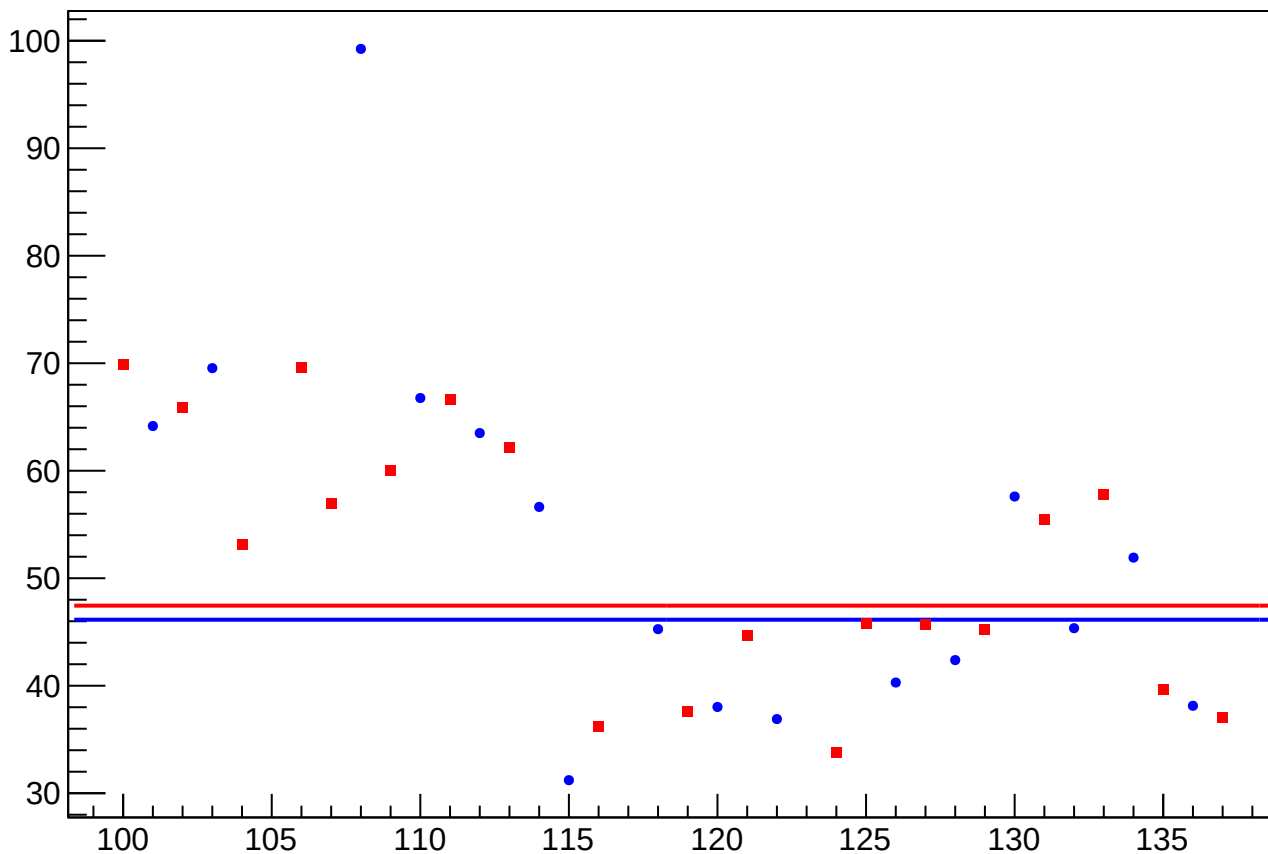
Right: -0.007+/-0.013 χ^2/NDF : 28.1/34

In: -0.010+/-0.018 χ^2/NDF :14.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.007+/-0.013 χ^2/NDF : 28.1/34

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.141 $\pm$ 0.013 χ^2 /NDF: 903280.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.450 $\pm$ 0.013 χ^2 /NDF: 654693.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

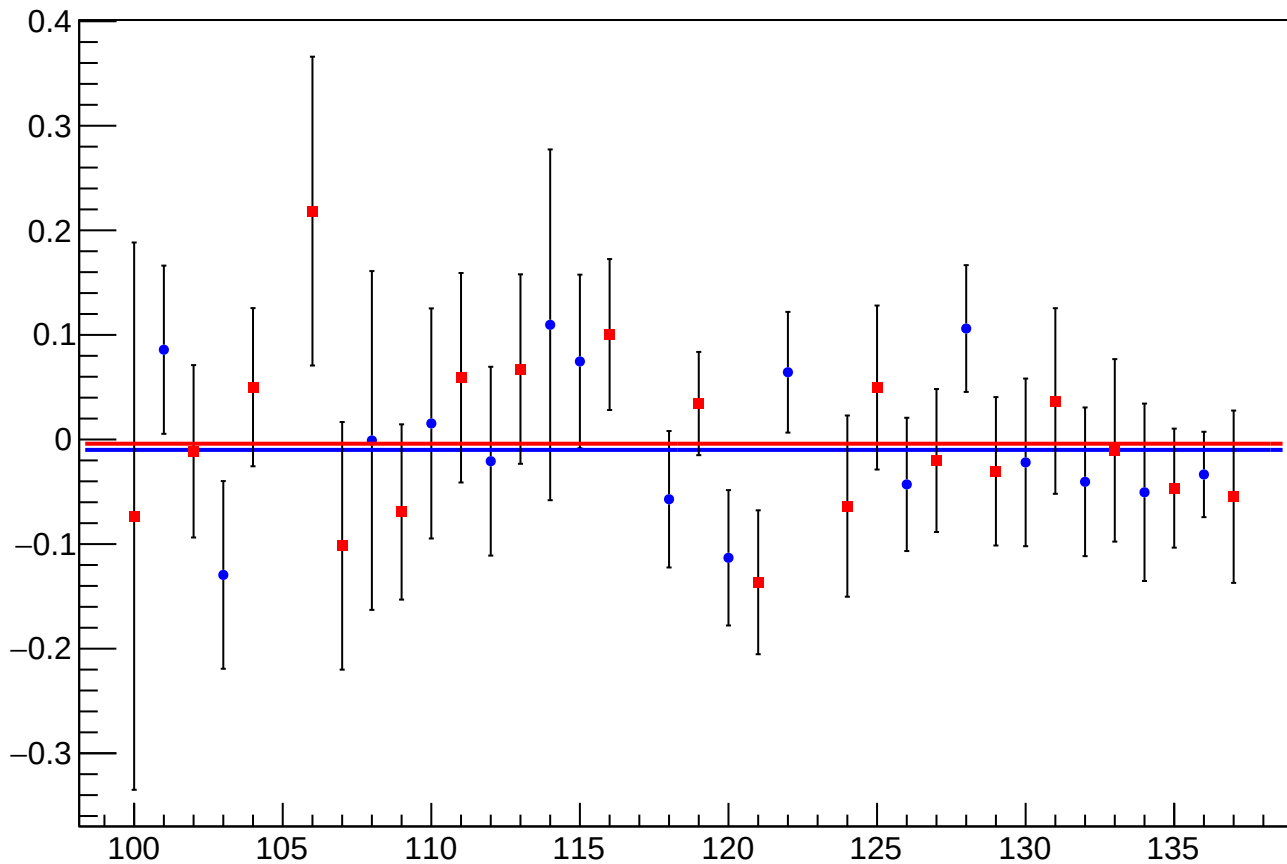
Right: 46.792 $\pm$ 0.009 χ^2 /NDF: 1563231.6/34

In: 46.141 $\pm$ 0.013 χ^2 /NDF: 903280.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.792 $\pm$ 0.009 χ^2 /NDF: 1563231.6/34

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010+/-0.018 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.018 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

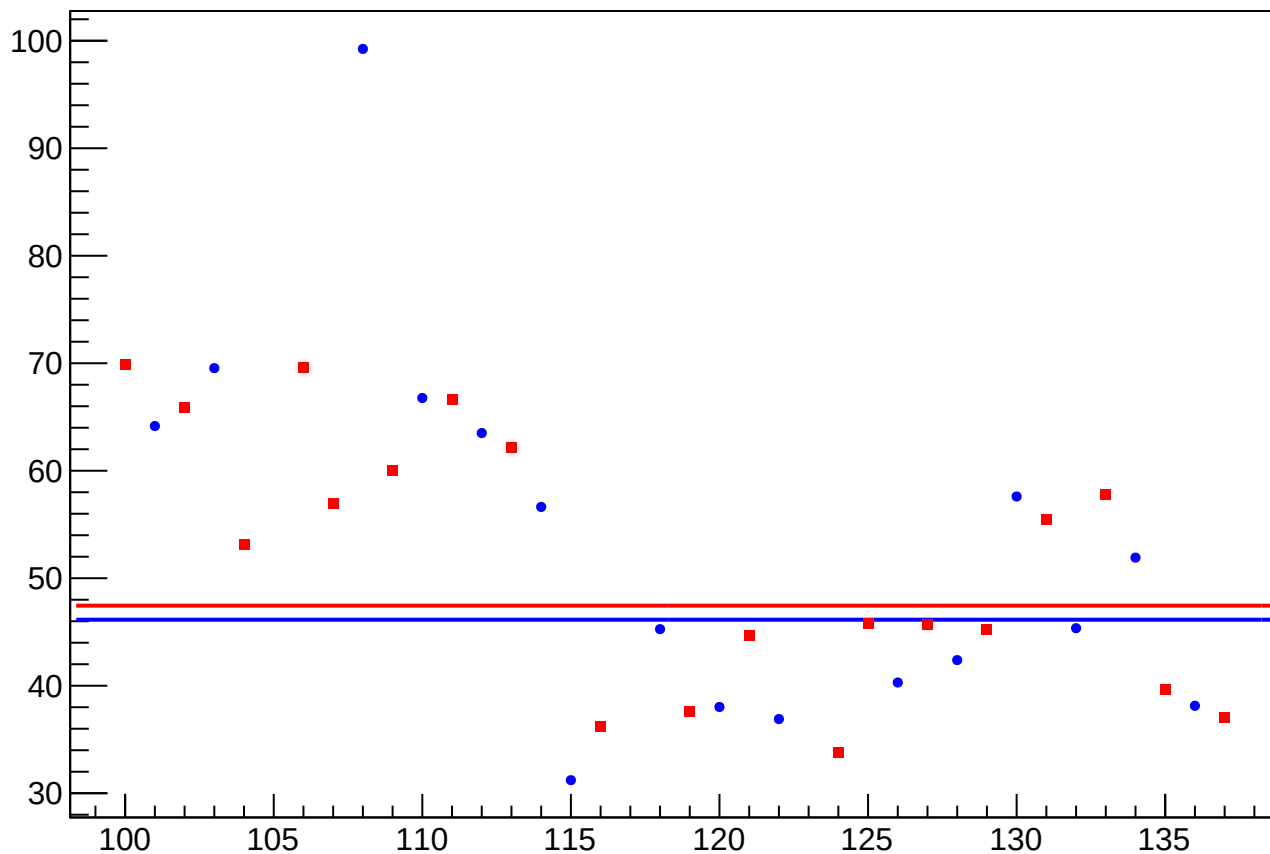
Right: -0.007+/-0.013 χ^2/NDF : 28.1/34

In: -0.010+/-0.018 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.007+/-0.013 χ^2/NDF : 28.1/34

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.141+/-0.013 χ^2/NDF : 903280.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.450+/-0.013 χ^2/NDF : 654693.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

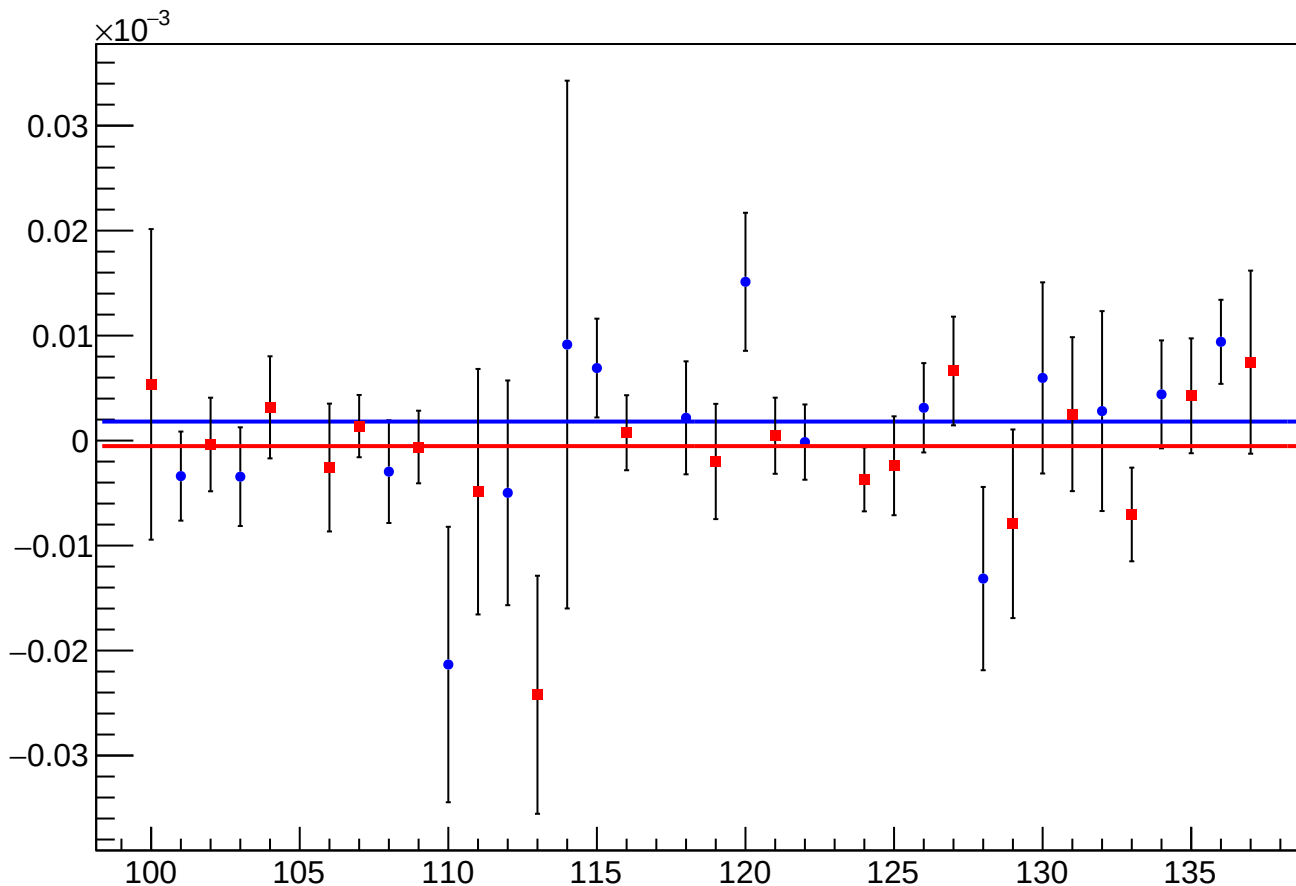
Right: 46.792+/-0.009 χ^2/NDF : 1563231.6/34

In: 46.141+/-0.013 χ^2/NDF : 903280.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.792+/-0.009 χ^2/NDF : 1563231.6/34

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

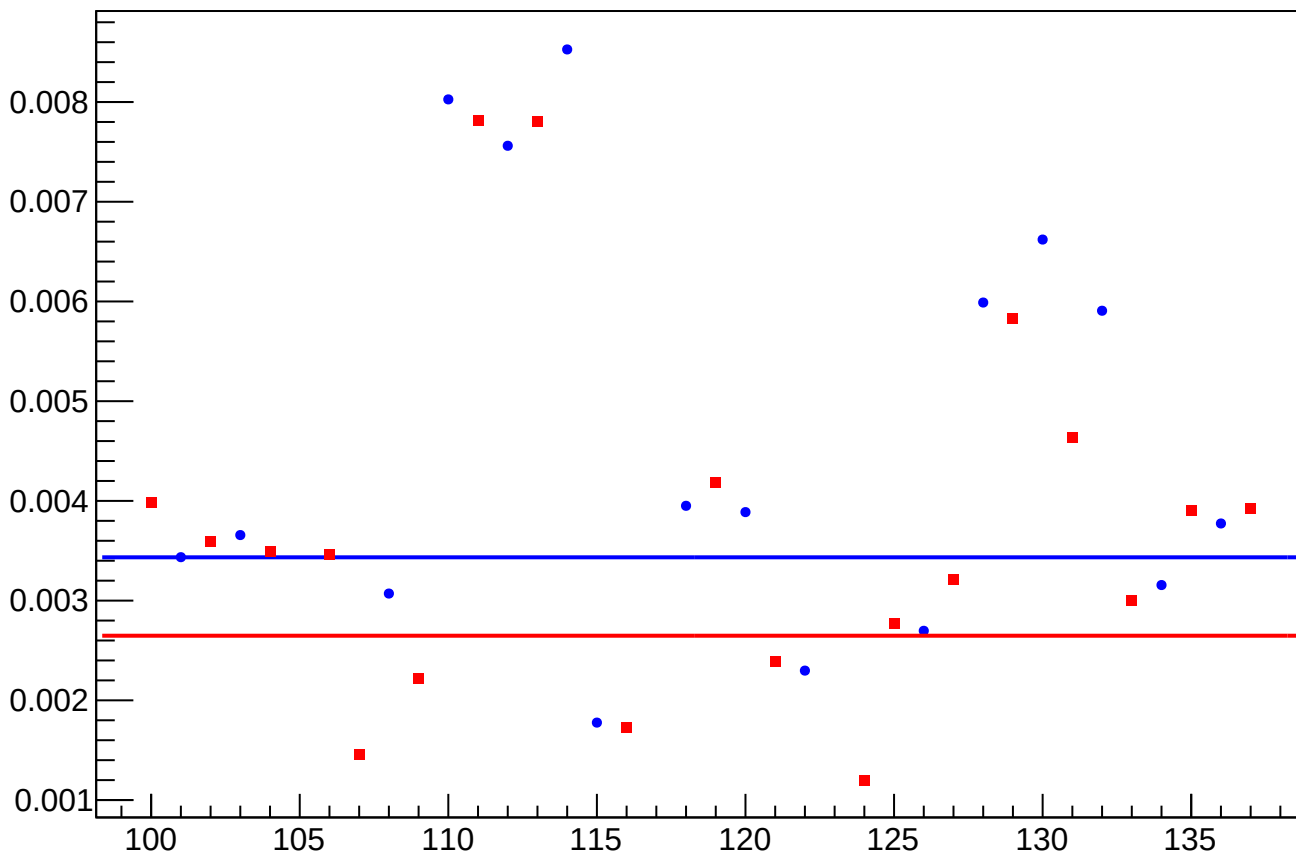
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.5/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF:20.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.5/34

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000

χ^2/NDF : 1748561.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2696872.6/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 4848064.7/34

In: 0.003+/-0.000

χ^2/NDF : 1748561.6/15

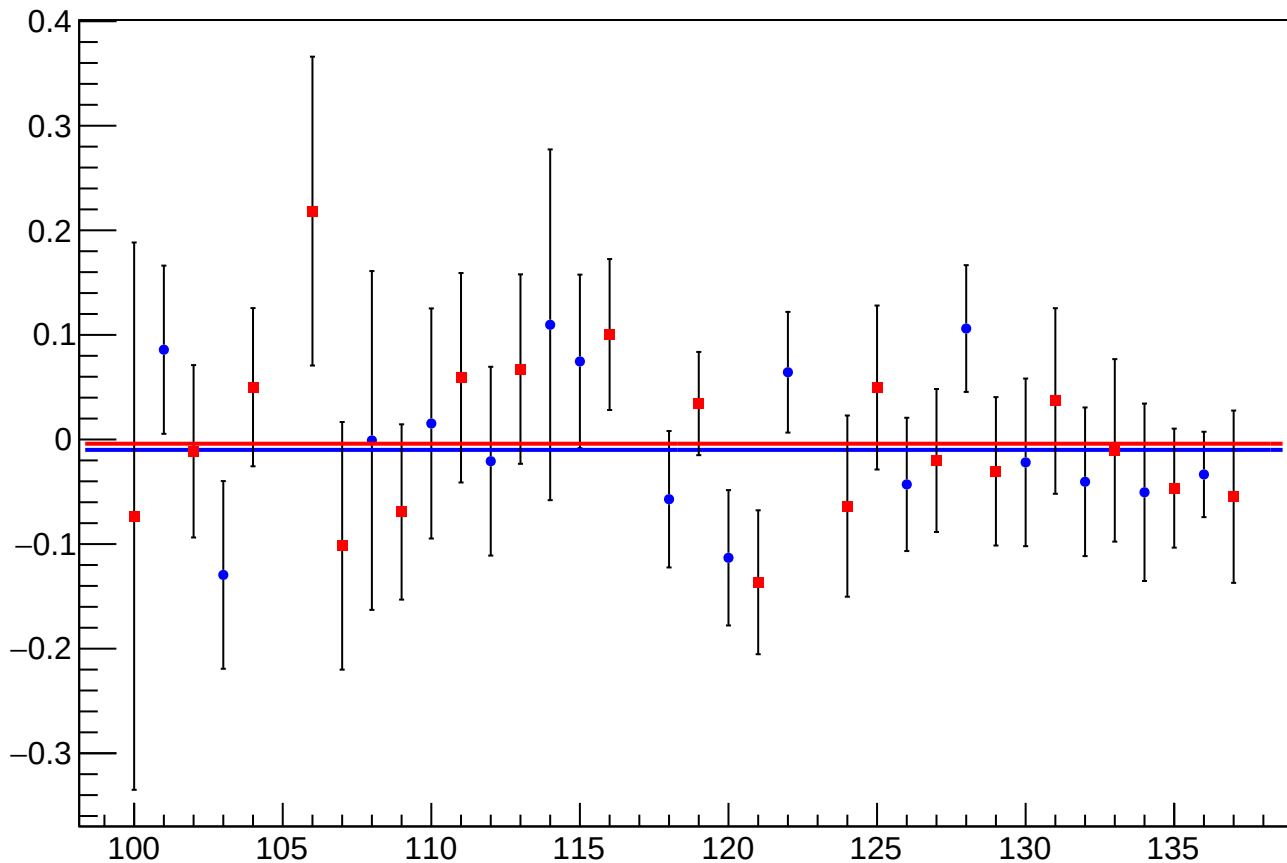
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 4848064.7/34

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 $\pm$ 0.018 χ^2 /NDF: 14.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.018 χ^2 /NDF: 13.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

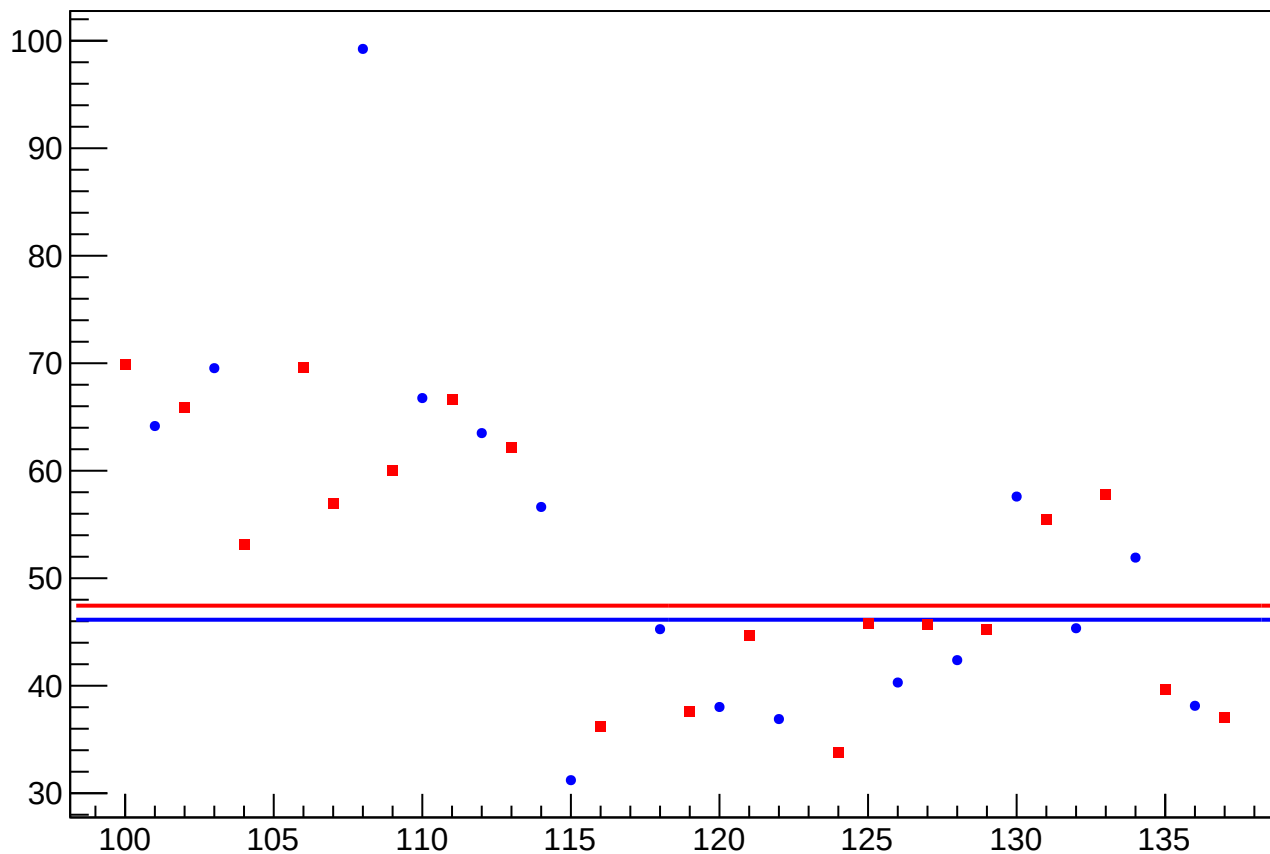
Right: -0.007 $\pm$ 0.013 χ^2 /NDF: 28.1/34

In: -0.010 $\pm$ 0.018 χ^2 /NDF:14.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.007 $\pm$ 0.013 χ^2 /NDF: 28.1/34

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.140 $\pm$ 0.013 χ^2 /NDF: 903251.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.448 $\pm$ 0.013 χ^2 /NDF: 654687.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

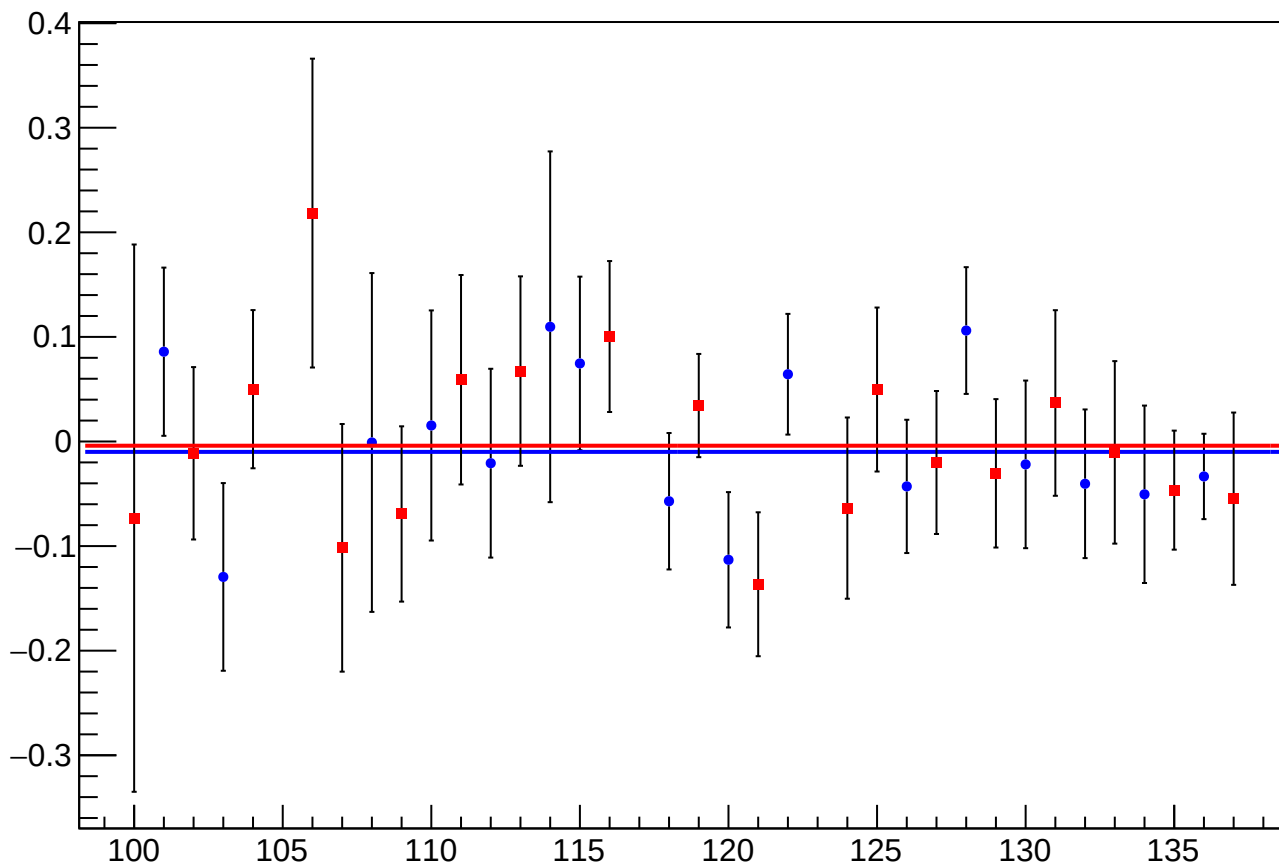
Right: 46.790 $\pm$ 0.009 χ^2 /NDF: 1563199.9/34

In: 46.140 $\pm$ 0.013 χ^2 /NDF:903251.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.790 $\pm$ 0.009 χ^2 /NDF: 1563199.9/34

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.010 ± 0.018 χ^2/NDF : 14.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.018 χ^2/NDF : 13.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

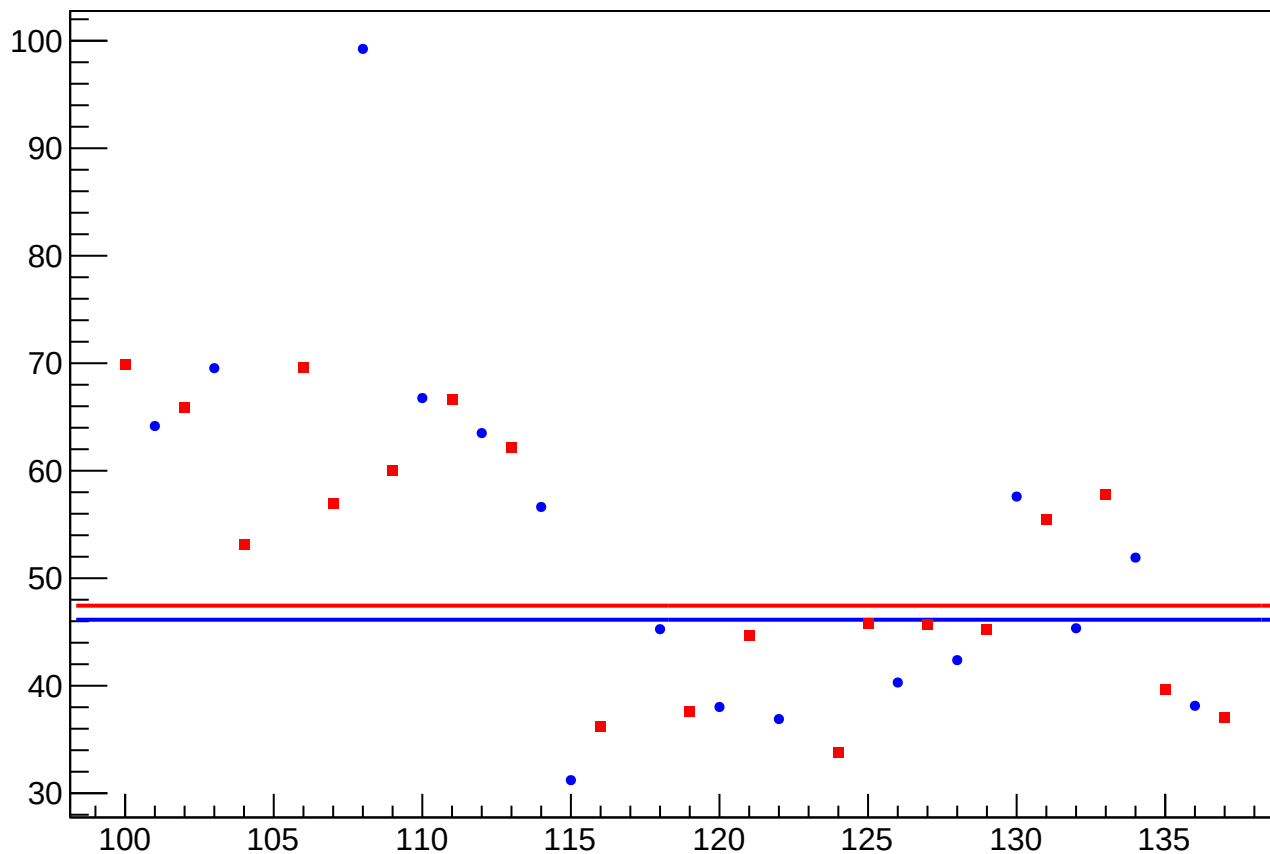
Right: -0.007 ± 0.013 χ^2/NDF : 28.1/34

In: -0.010 ± 0.018 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.013 χ^2/NDF : 28.1/34

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 46.140 $\pm$ 0.013 χ^2 /NDF: 903251.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.448 $\pm$ 0.013 χ^2 /NDF: 654687.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

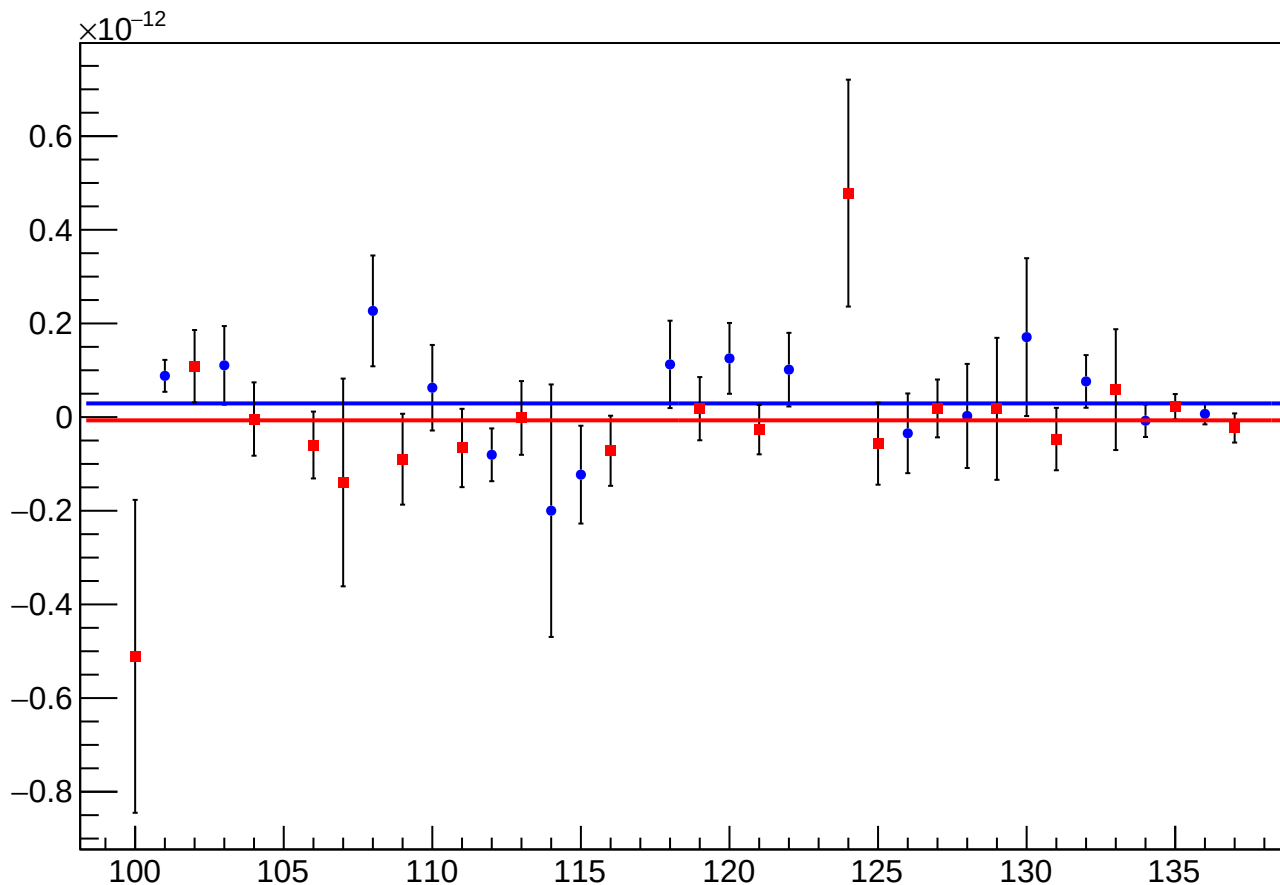
Right: 46.790 $\pm$ 0.009 χ^2 /NDF: 1563199.9/34

In: 46.140 $\pm$ 0.013 χ^2 /NDF:903251.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 46.790 $\pm$ 0.009 χ^2 /NDF: 1563199.9/34

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

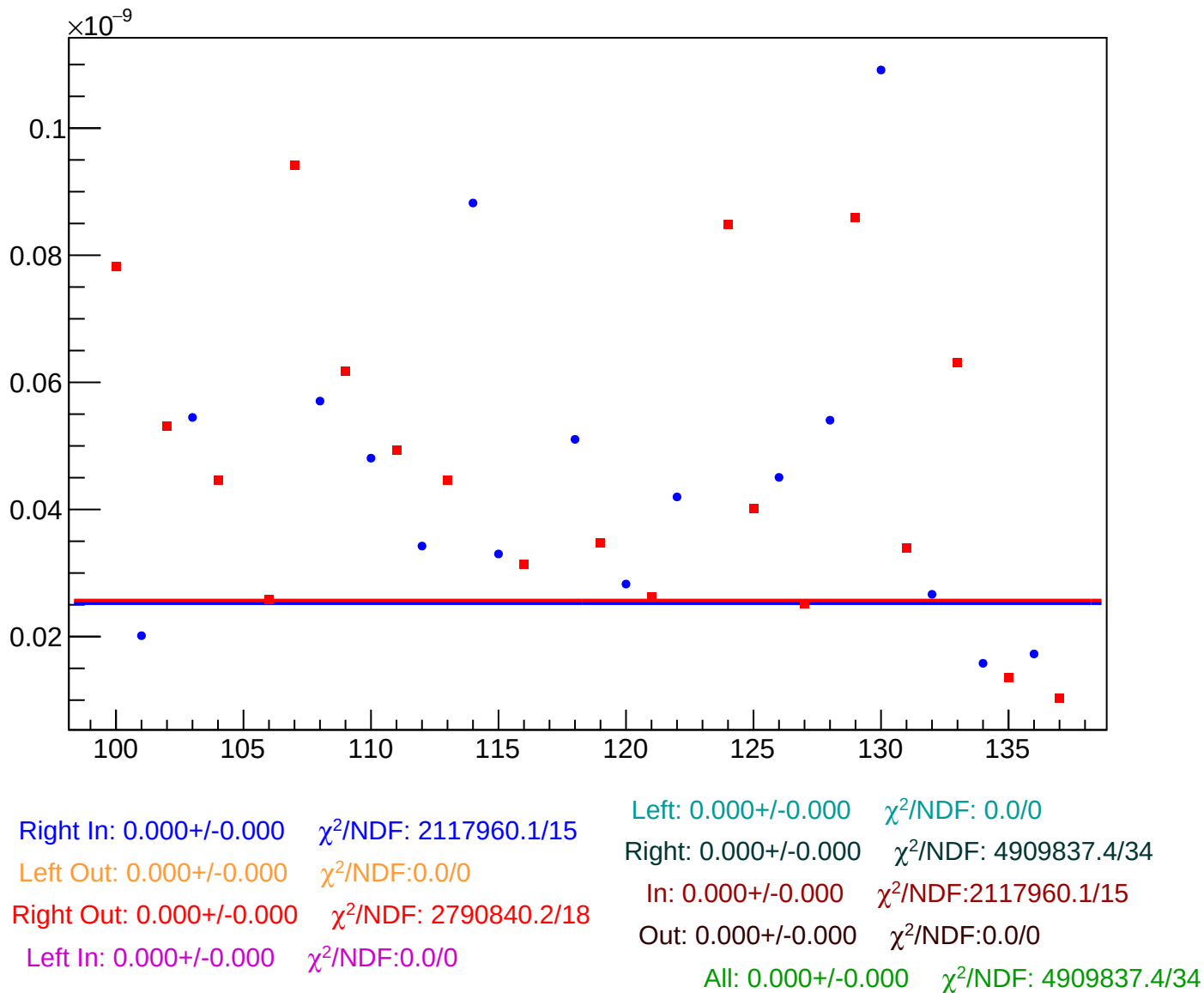
Right: 0.000+/-0.000 χ^2/NDF : 38.5/34

In: 0.000+/-0.000 χ^2/NDF : 20.9/15

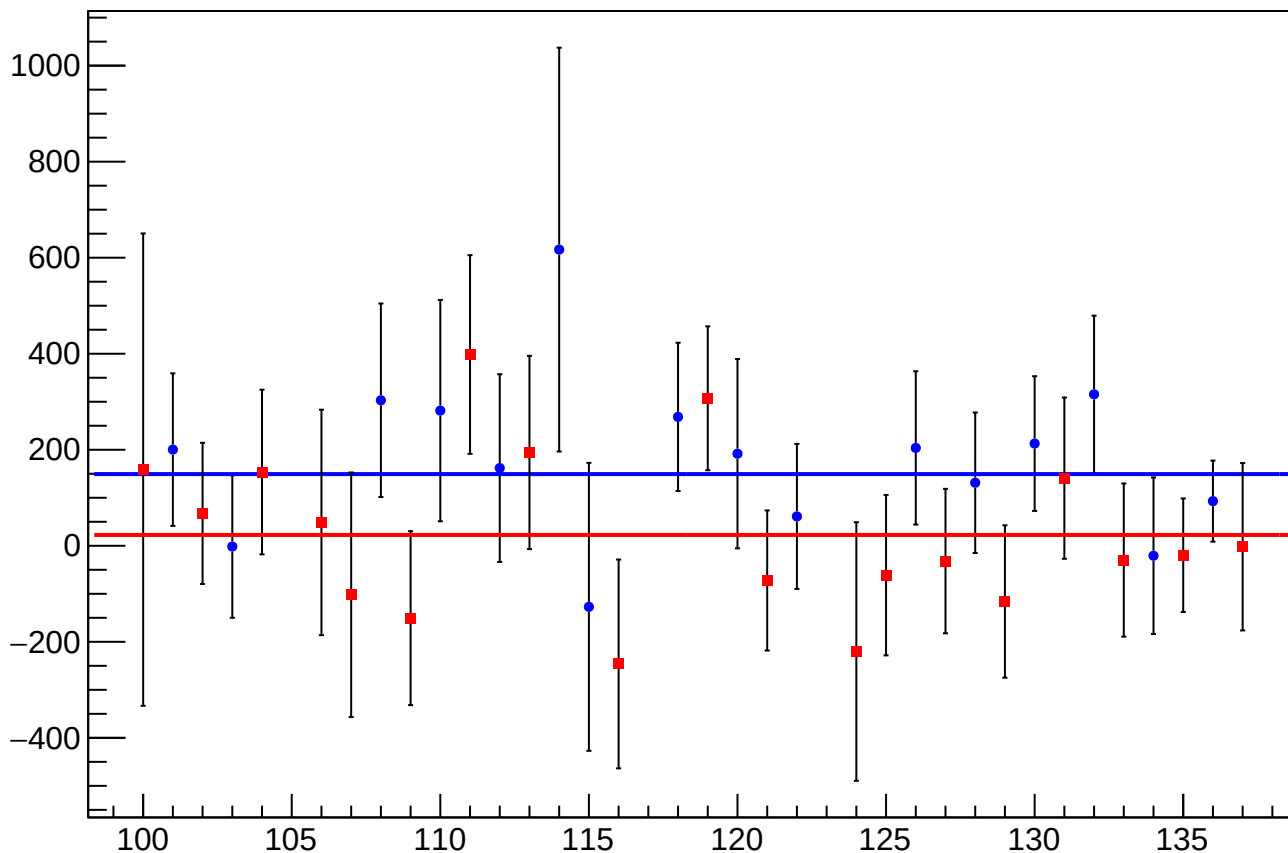
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.5/34

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 149.303 $\pm$ 39.687 χ^2 /NDF: 8.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.549 $\pm$ 40.100 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

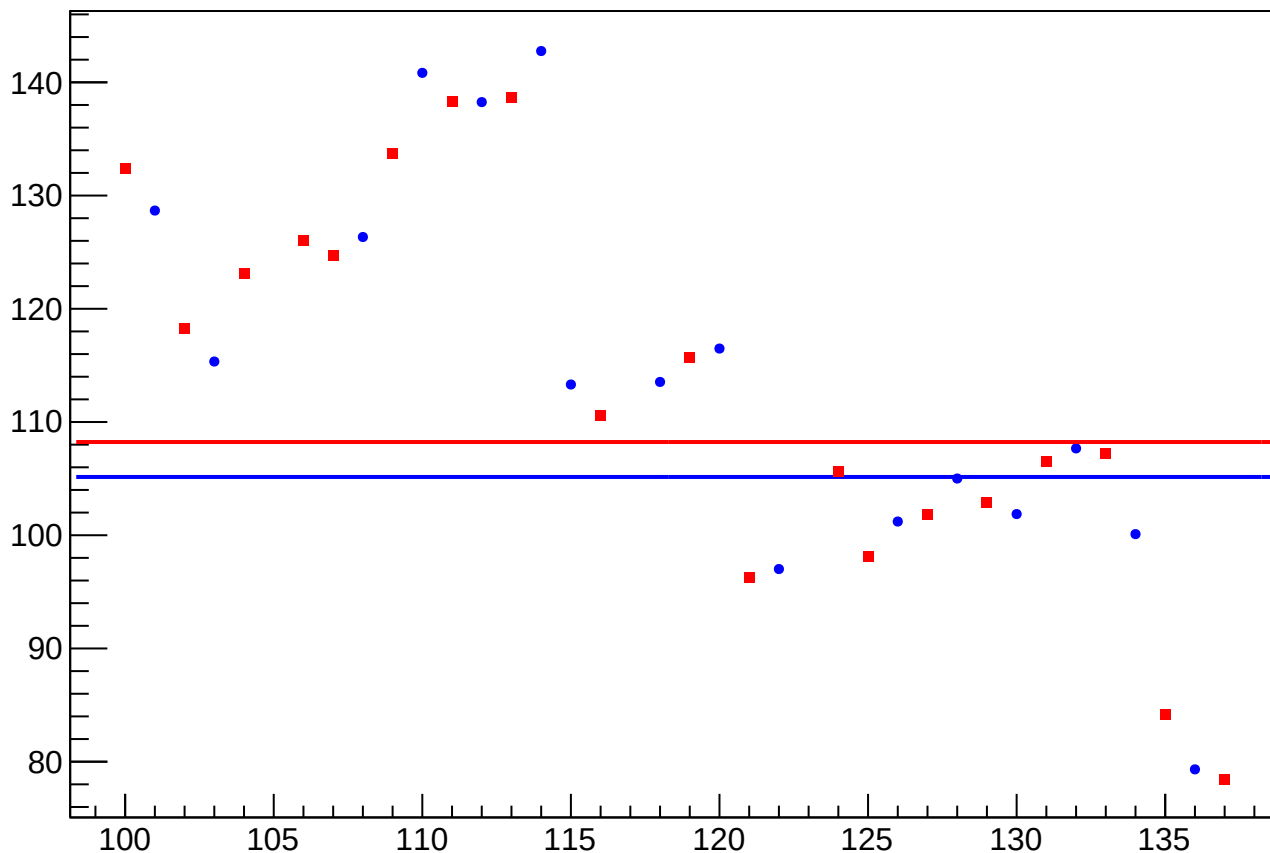
Right: 86.583 $\pm$ 28.208 χ^2 /NDF: 27.3/34

In: 149.303 $\pm$ 39.687 χ^2 /NDF:8.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.583 $\pm$ 28.208 χ^2 /NDF: 27.3/34

reg_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 105.146 $\pm$ 0.028 χ^2 /NDF: 408406.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.233 $\pm$ 0.028 χ^2 /NDF: 349936.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

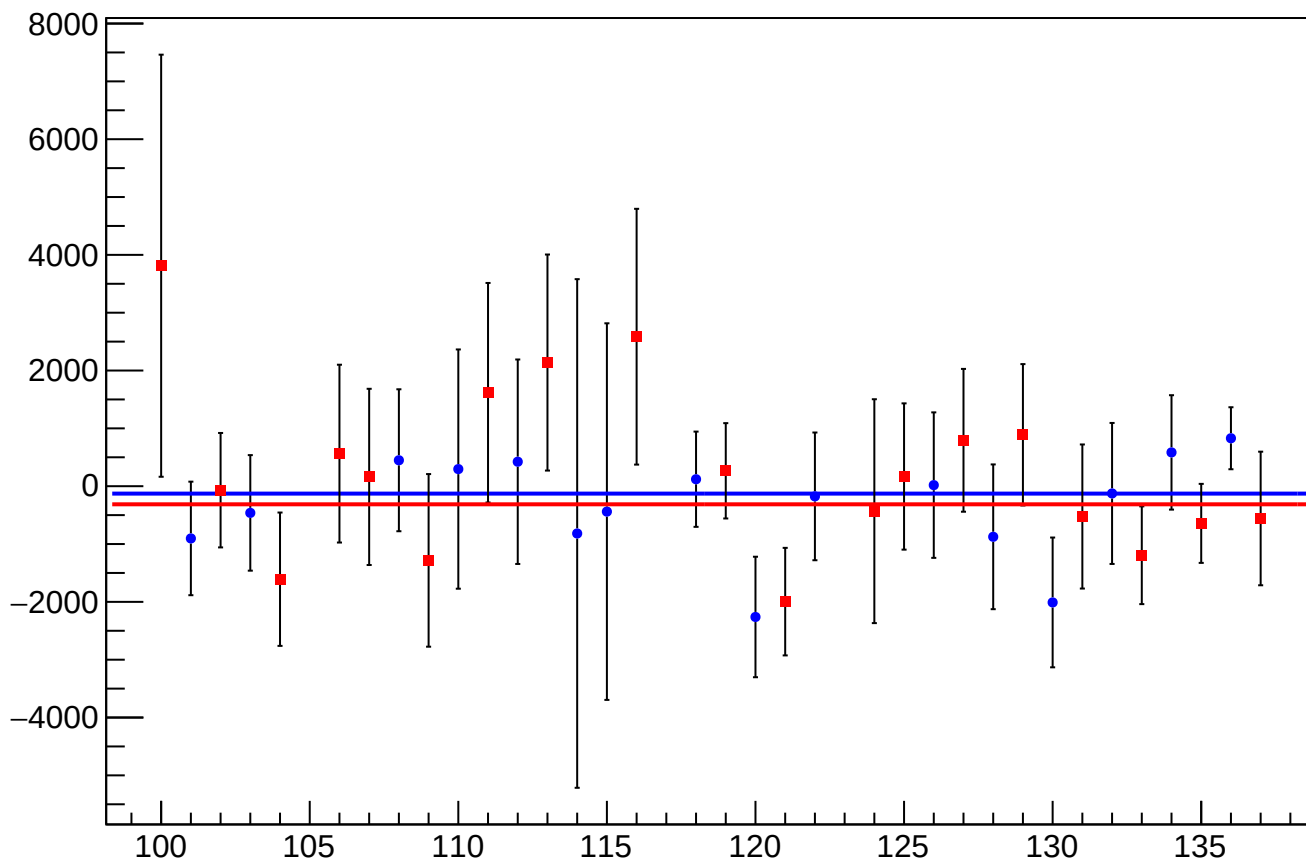
Right: 106.674 $\pm$ 0.020 χ^2 /NDF: 764328.3/34

In: 105.146 $\pm$ 0.028 χ^2 /NDF:408406.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.674 $\pm$ 0.020 χ^2 /NDF: 764328.3/34

asym_sam_26_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -128.056+/-268.611 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -313.031+/-270.131 χ^2/NDF : 15.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

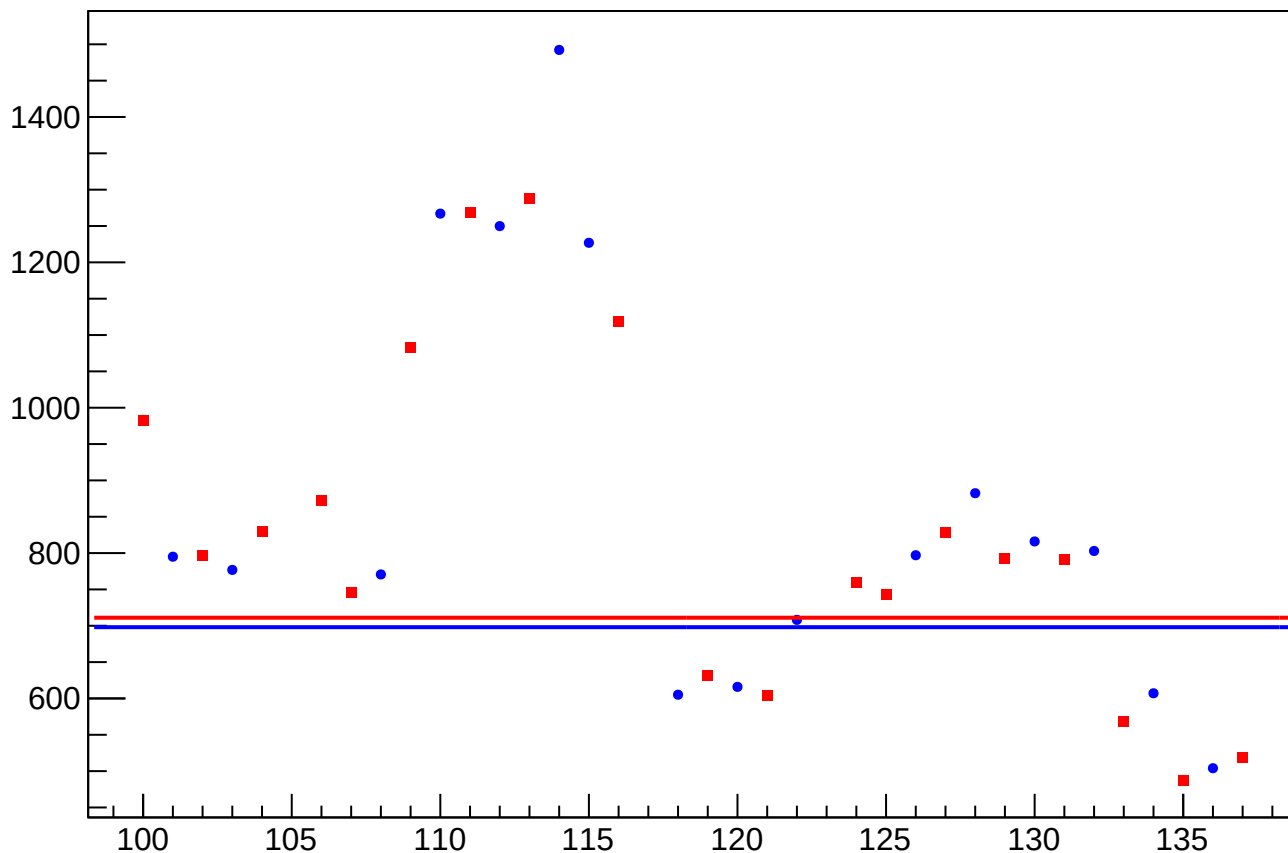
Right: -220.022+/-190.472 χ^2/NDF : 27.5/34

In: -128.056+/-268.611 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.022+/-190.472 χ^2/NDF : 27.5/34

asym_sam_26_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 698.055+/-0.190 χ^2/NDF : 912851.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 711.088+/-0.191 χ^2/NDF : 1035118.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

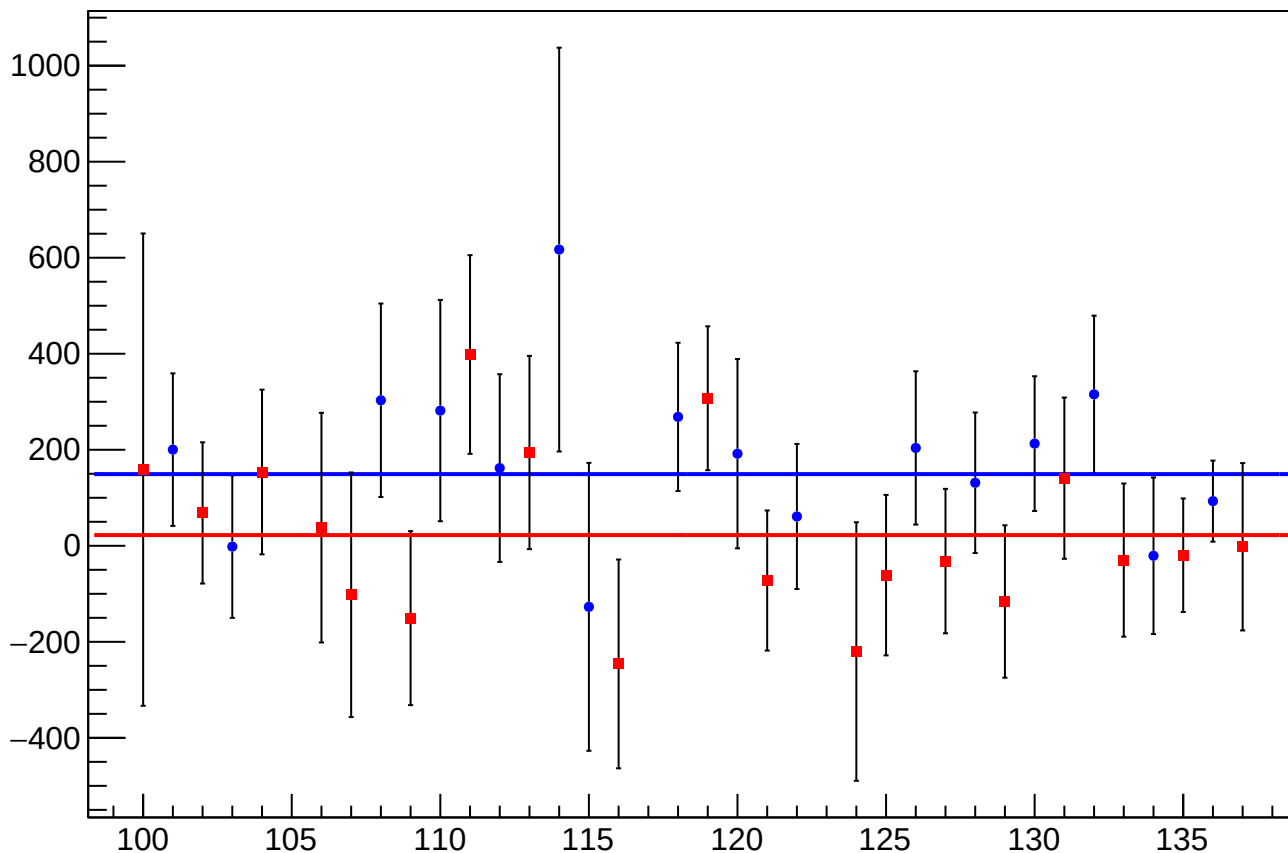
Right: 704.534+/-0.135 χ^2/NDF : 1950310.9/34

In: 698.055+/-0.190 χ^2/NDF : 912851.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.534+/-0.135 χ^2/NDF : 1950310.9/34

cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 149.294 $\pm$ 39.687 χ^2 /NDF: 8.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.297 $\pm$ 40.123 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

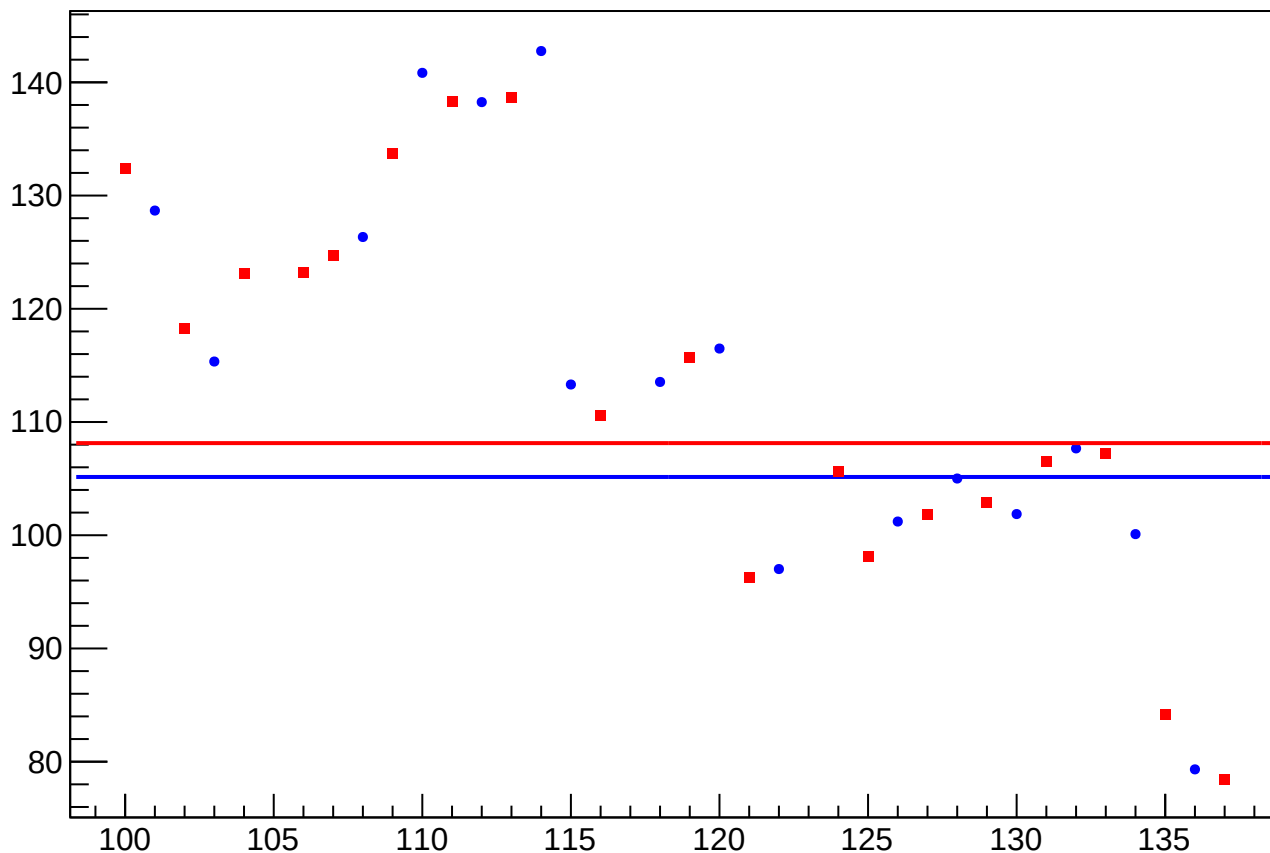
Right: 86.488 $\pm$ 28.216 χ^2 /NDF: 27.3/34

In: 149.294 $\pm$ 39.687 χ^2 /NDF:8.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.488 $\pm$ 28.216 χ^2 /NDF: 27.3/34

cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 105.146 $\pm$ 0.028 χ^2 /NDF: 408406.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.136 $\pm$ 0.028 χ^2 /NDF: 346321.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

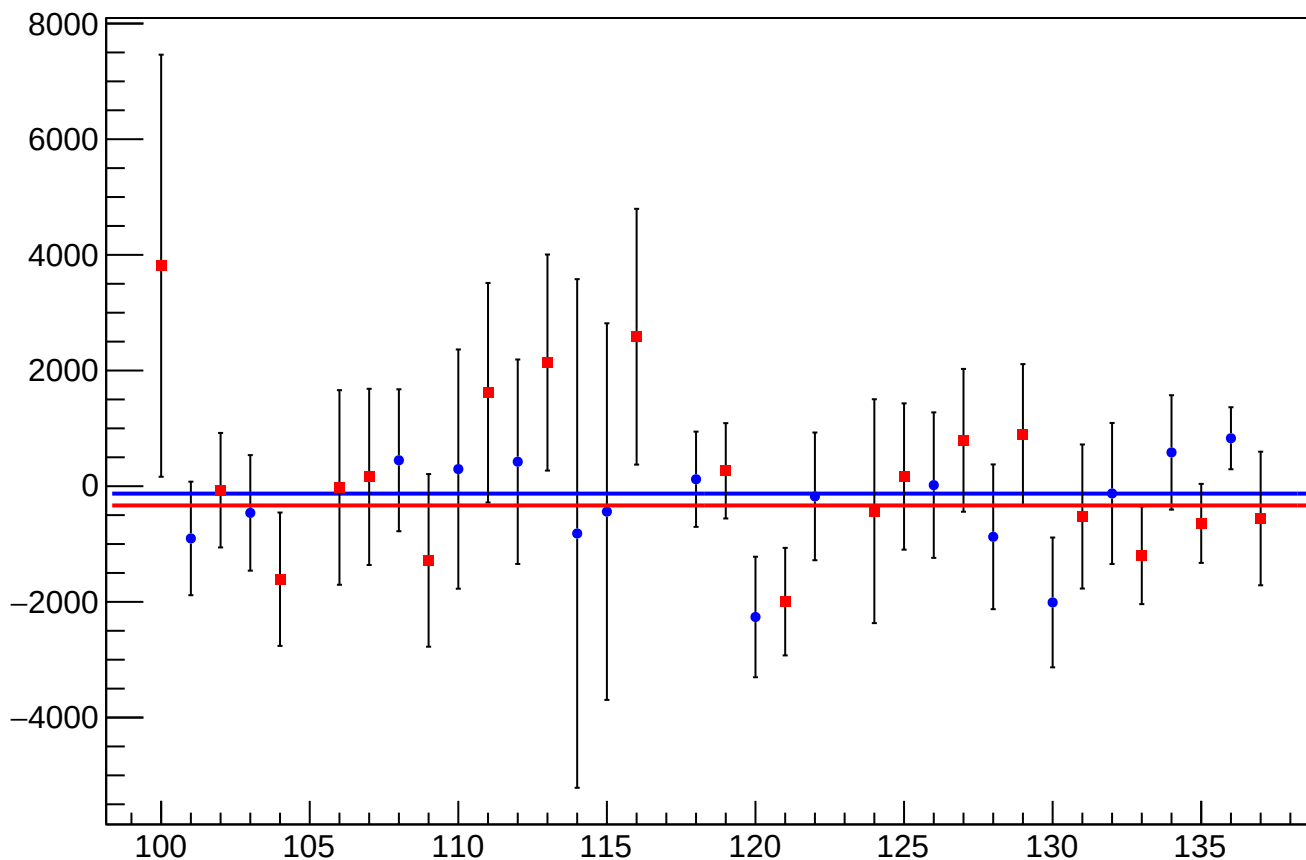
Right: 106.625 $\pm$ 0.020 χ^2 /NDF: 760343.1/34

In: 105.146 $\pm$ 0.028 χ^2 /NDF:408406.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.625 $\pm$ 0.020 χ^2 /NDF: 760343.1/34

asym_sam_26_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.047 $\pm$ 268.611 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -332.665 $\pm$ 270.835 χ^2 /NDF: 14.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

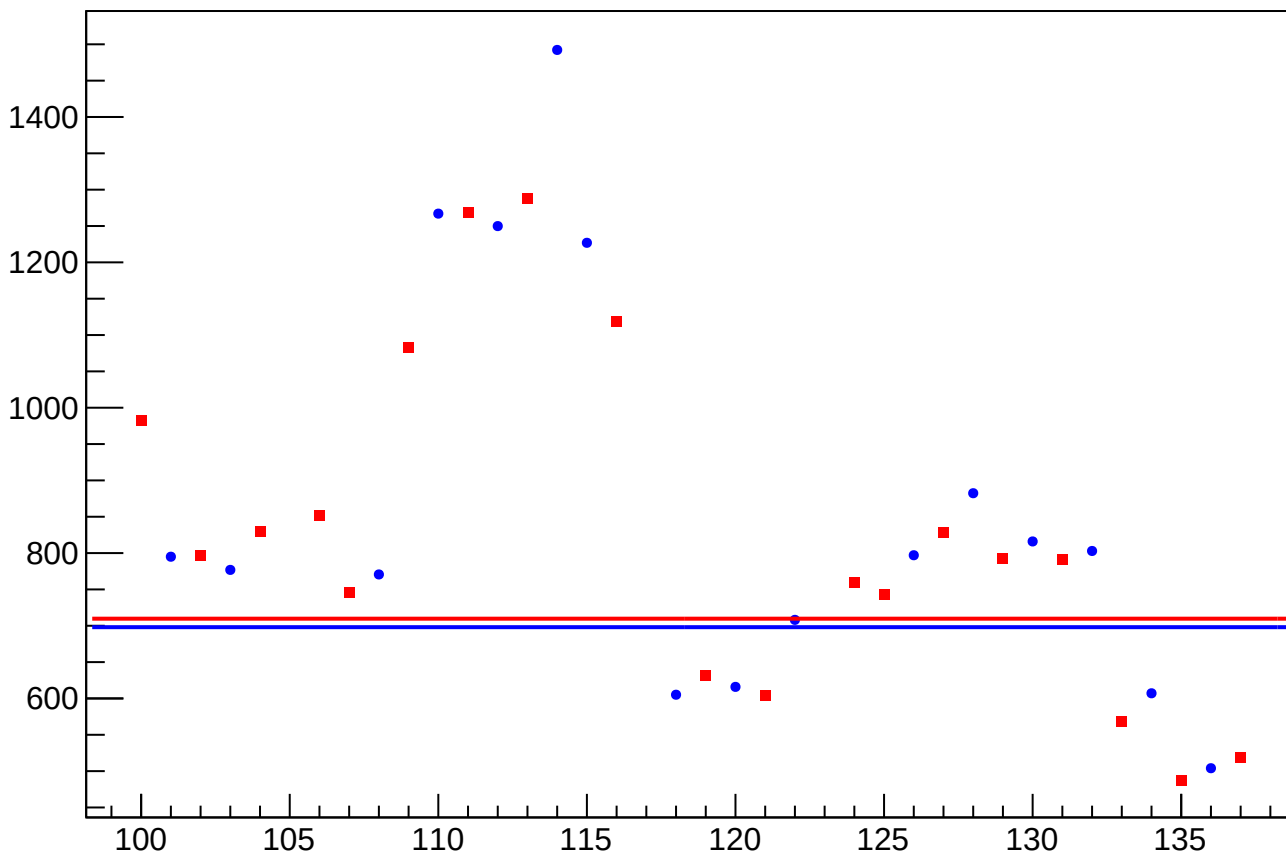
Right: -229.512 $\pm$ 190.718 χ^2 /NDF: 27.3/34

In: -128.047 $\pm$ 268.611 χ^2 /NDF: 12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -229.512 $\pm$ 190.718 χ^2 /NDF: 27.3/34

asym_sam_26_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 709.748+/-0.192 χ^2/NDF : 1027114.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

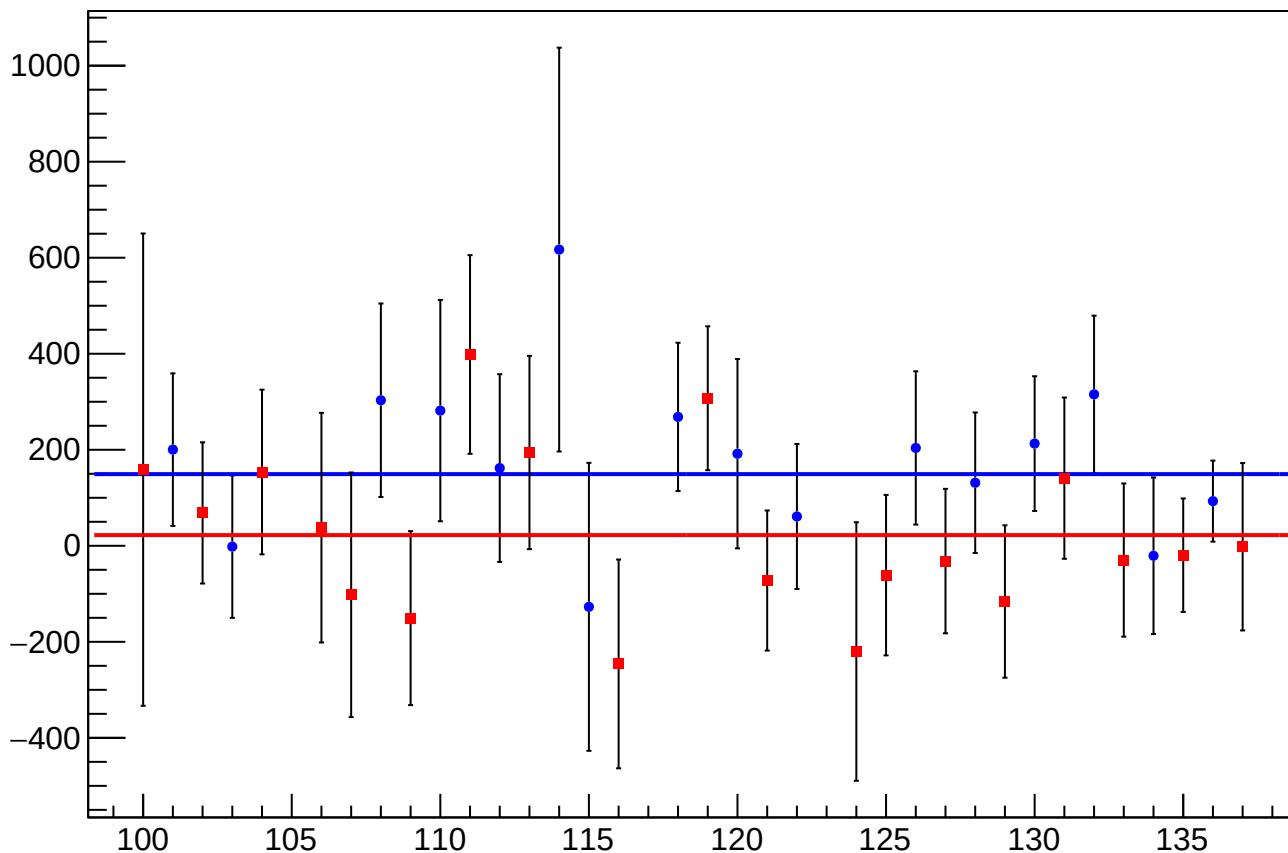
Right: 703.854+/-0.135 χ^2/NDF : 1941854.8/34

In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.854+/-0.135 χ^2/NDF : 1941854.8/34

eigen_cor_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 149.294 $\pm$ 39.687 χ^2 /NDF: 8.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.297 $\pm$ 40.123 χ^2 /NDF: 14.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

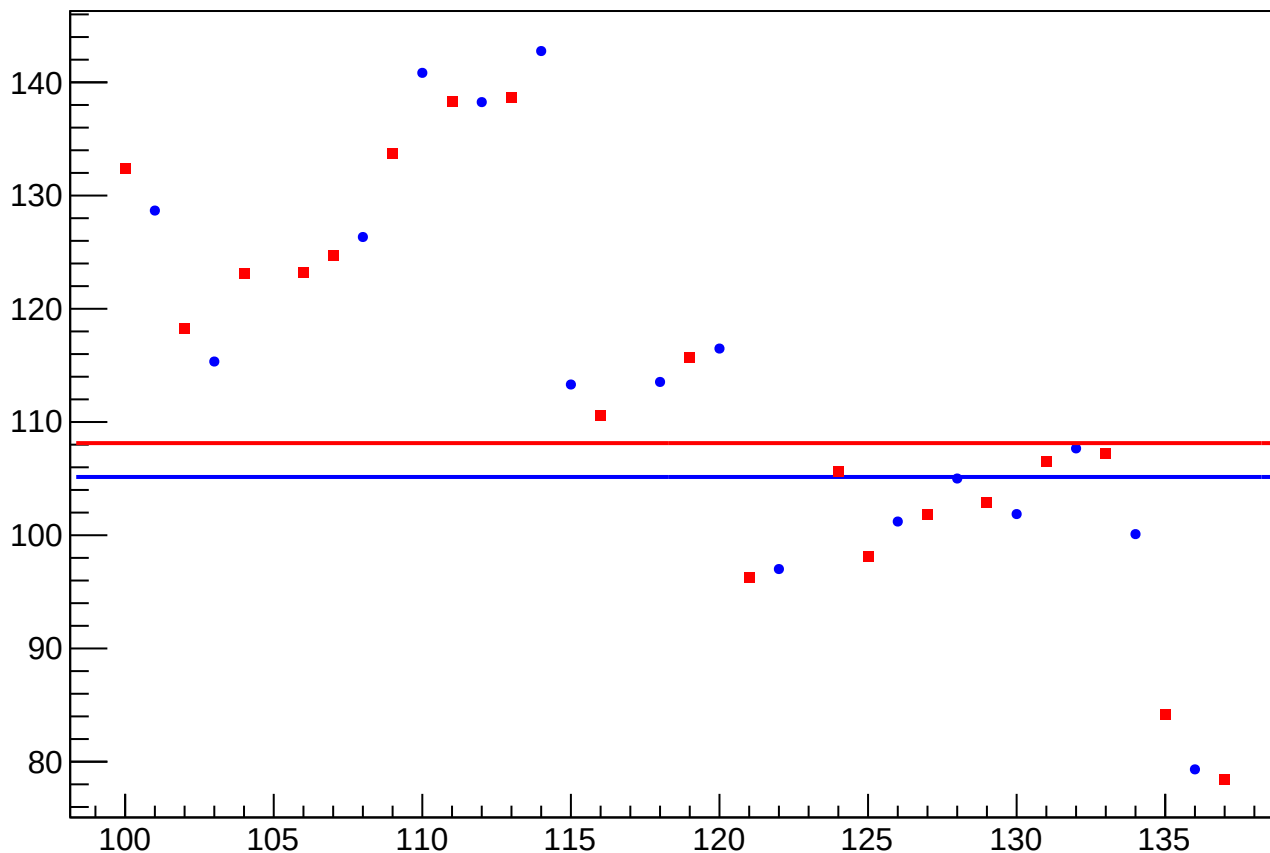
Right: 86.488 $\pm$ 28.216 χ^2 /NDF: 27.3/34

In: 149.294 $\pm$ 39.687 χ^2 /NDF:8.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 86.488 $\pm$ 28.216 χ^2 /NDF: 27.3/34

eigen_cor_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 105.146 $\pm$ 0.028 χ^2 /NDF: 408406.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 108.136 $\pm$ 0.028 χ^2 /NDF: 346321.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

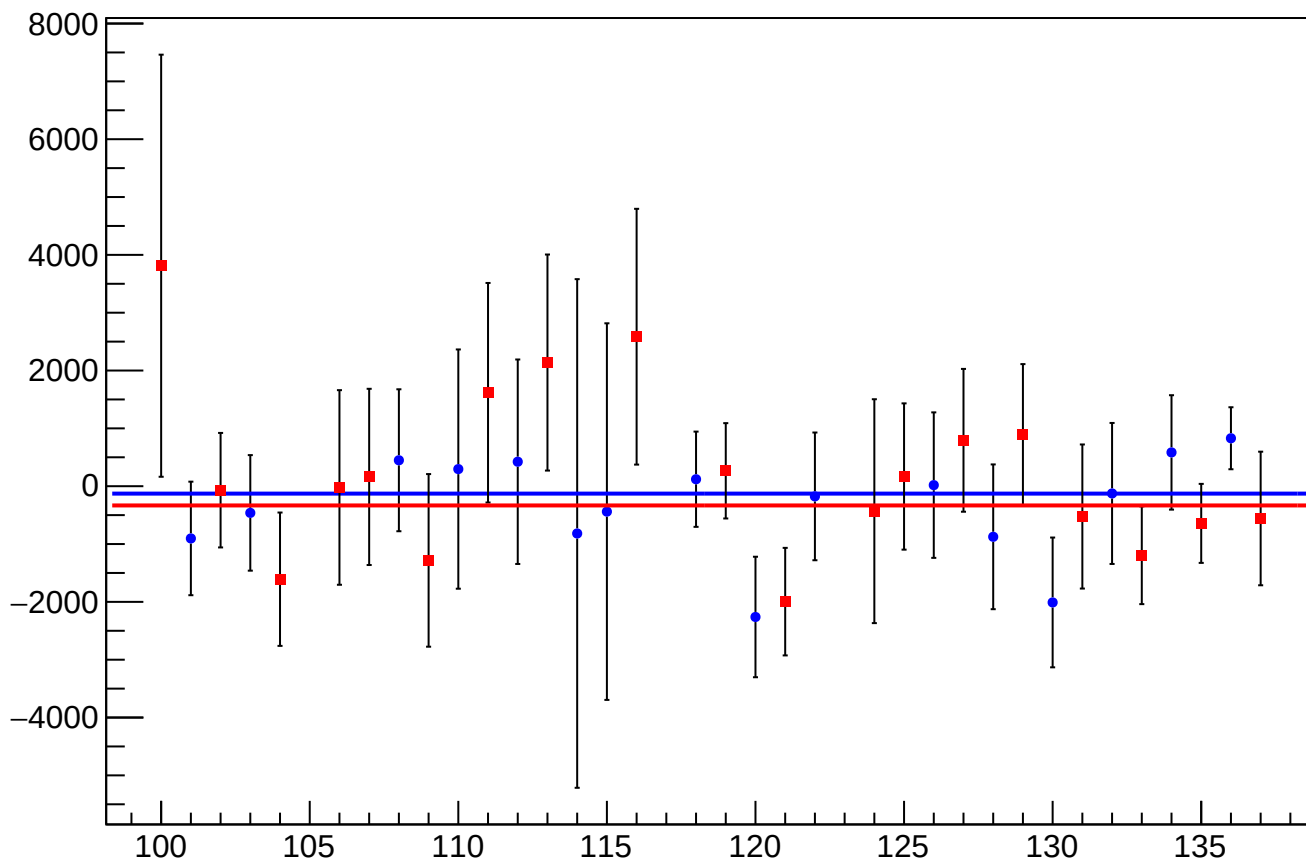
Right: 106.625 $\pm$ 0.020 χ^2 /NDF: 760343.1/34

In: 105.146 $\pm$ 0.028 χ^2 /NDF:408406.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 106.625 $\pm$ 0.020 χ^2 /NDF: 760343.1/34

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -128.047 $\pm$ 268.611 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -332.665 $\pm$ 270.835 χ^2 /NDF: 14.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

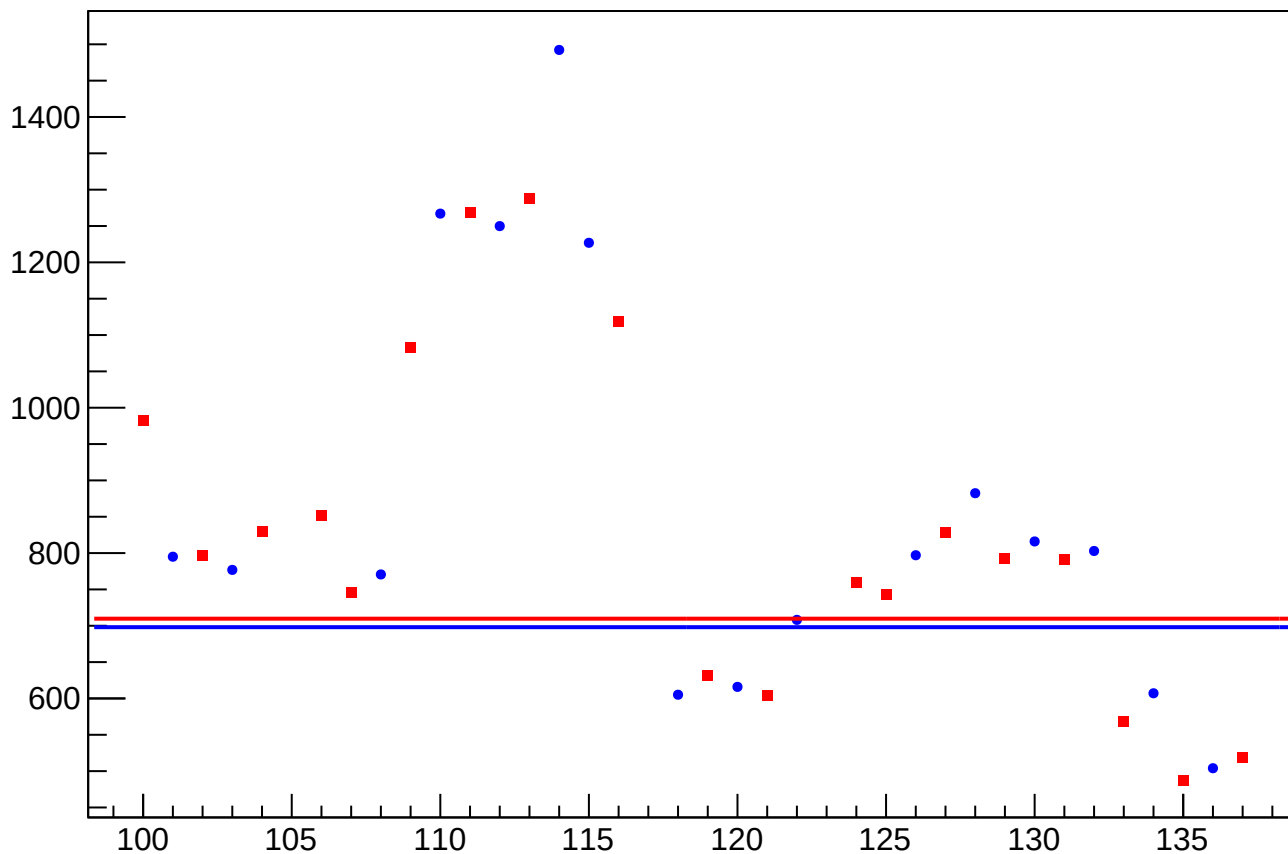
Right: -229.512 $\pm$ 190.718 χ^2 /NDF: 27.3/34

In: -128.047 $\pm$ 268.611 χ^2 /NDF: 12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -229.512 $\pm$ 190.718 χ^2 /NDF: 27.3/34

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 709.748+/-0.192 χ^2/NDF : 1027114.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

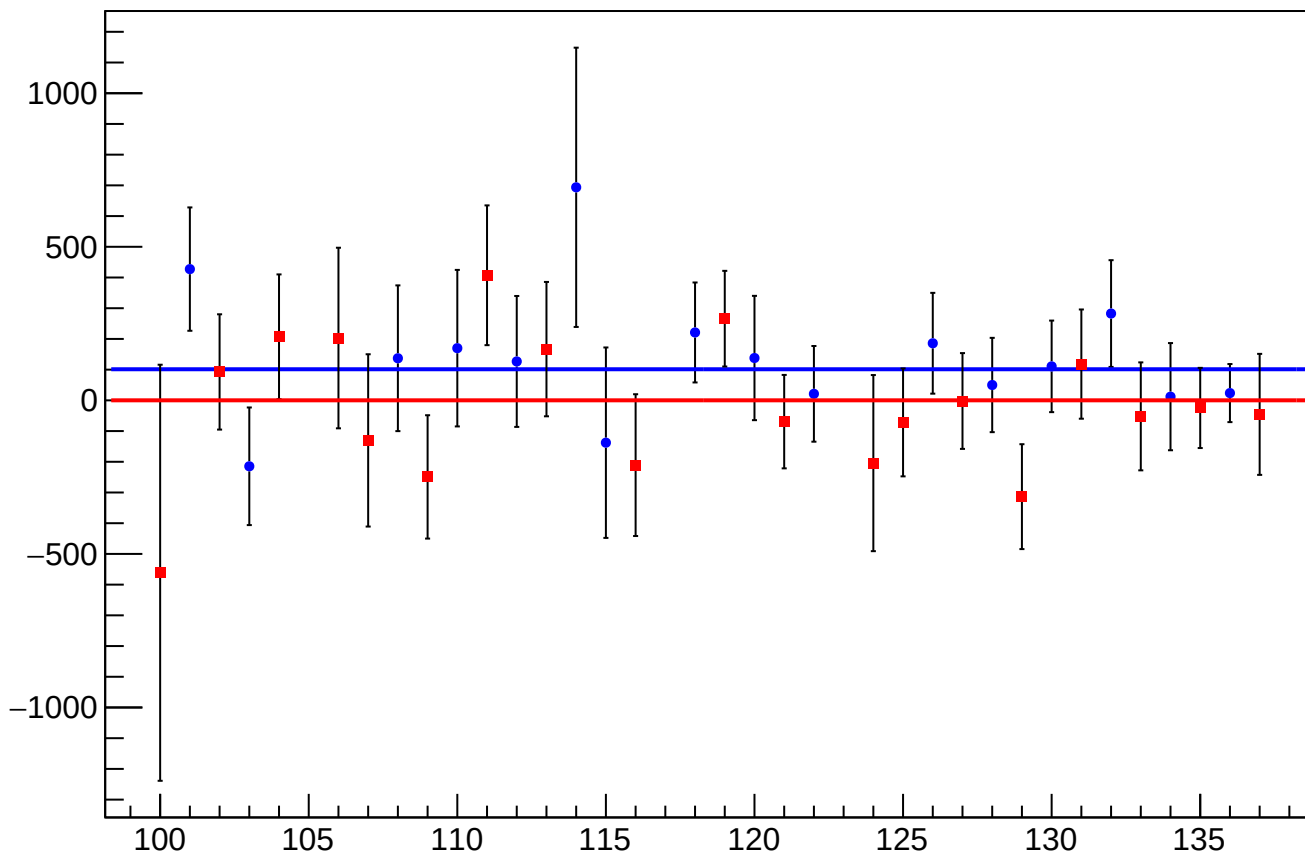
Right: 703.854+/-0.135 χ^2/NDF : 1941854.8/34

In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.854+/-0.135 χ^2/NDF : 1941854.8/34

dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 101.281 $\pm$ 43.510 χ^2 /NDF: 11.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.125 $\pm$ 44.035 χ^2 /NDF: 16.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

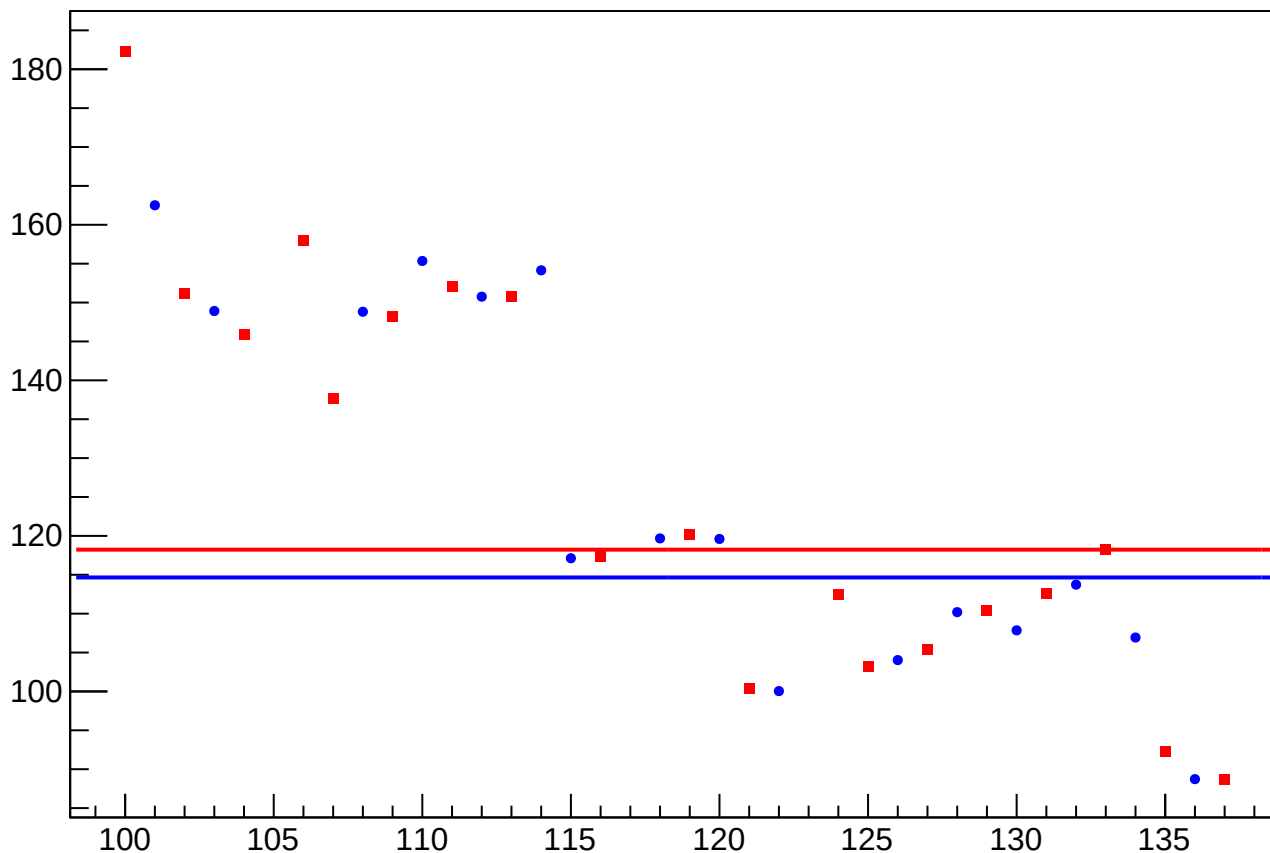
Right: 51.310 $\pm$ 30.950 χ^2 /NDF: 30.3/34

In: 101.281 $\pm$ 43.510 χ^2 /NDF:11.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.310 $\pm$ 30.950 χ^2 /NDF: 30.3/34

dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.655+/-0.031 χ^2/NDF : 531976.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.230+/-0.031 χ^2/NDF : 483407.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

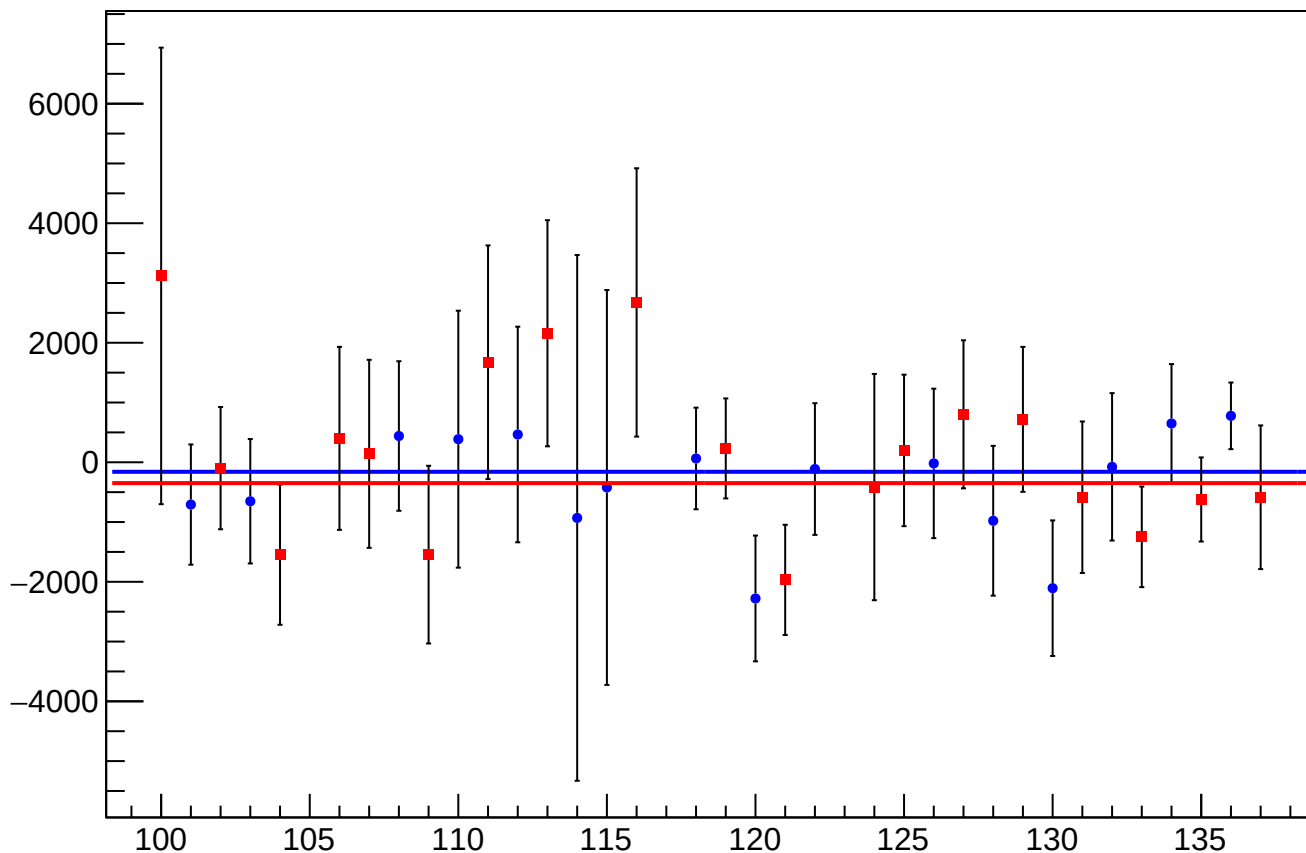
Right: 116.421+/-0.022 χ^2/NDF : 1022057.2/34

In: 114.655+/-0.031 χ^2/NDF : 531976.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.421+/-0.022 χ^2/NDF : 1022057.2/34

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -159.110 $\pm$ 274.558 χ^2 /NDF: 12.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -348.528 $\pm$ 273.595 χ^2 /NDF: 14.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

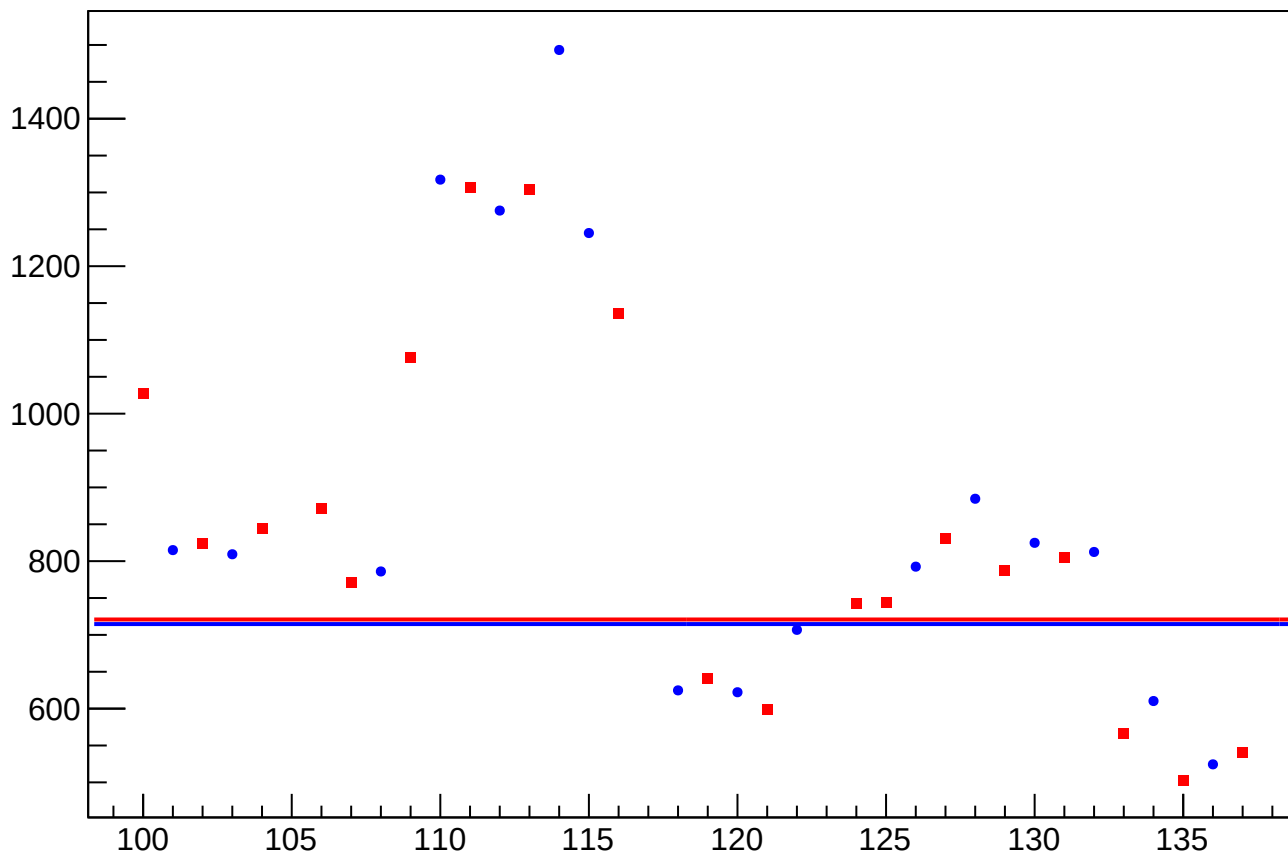
Right: -254.152 $\pm$ 193.800 χ^2 /NDF: 26.5/34

In: -159.110 $\pm$ 274.558 χ^2 /NDF:12.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -254.152 $\pm$ 193.800 χ^2 /NDF: 26.5/34

asym_sam_26_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 714.666+/-0.194 χ^2/NDF : 876217.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.885+/-0.193 χ^2/NDF : 1018435.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

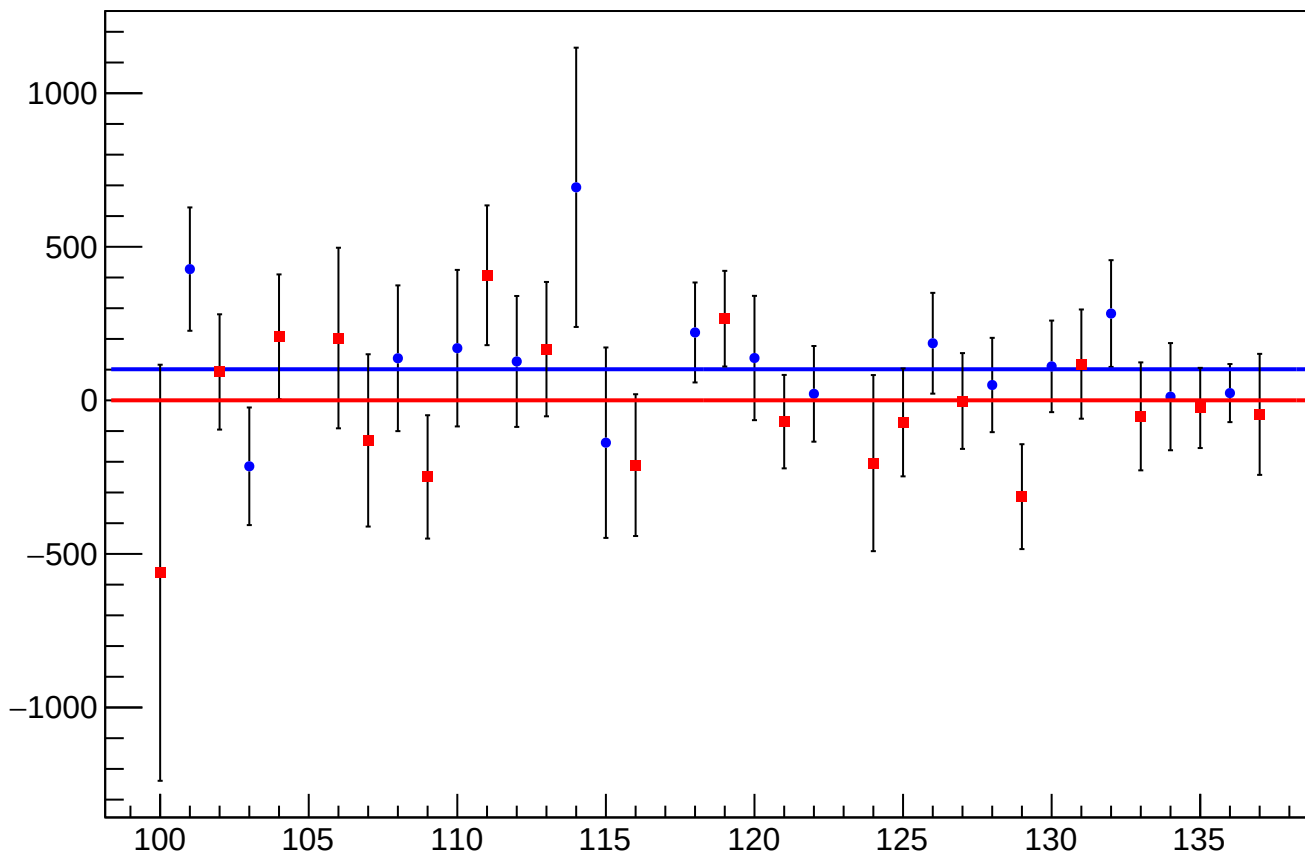
Right: 717.786+/-0.137 χ^2/NDF : 1895167.0/34

In: 714.666+/-0.194 χ^2/NDF : 876217.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.786+/-0.137 χ^2/NDF : 1895167.0/34

eigen_dit_asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 101.278 $\pm$ 43.510 χ^2 /NDF: 11.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.125 $\pm$ 44.035 χ^2 /NDF: 16.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

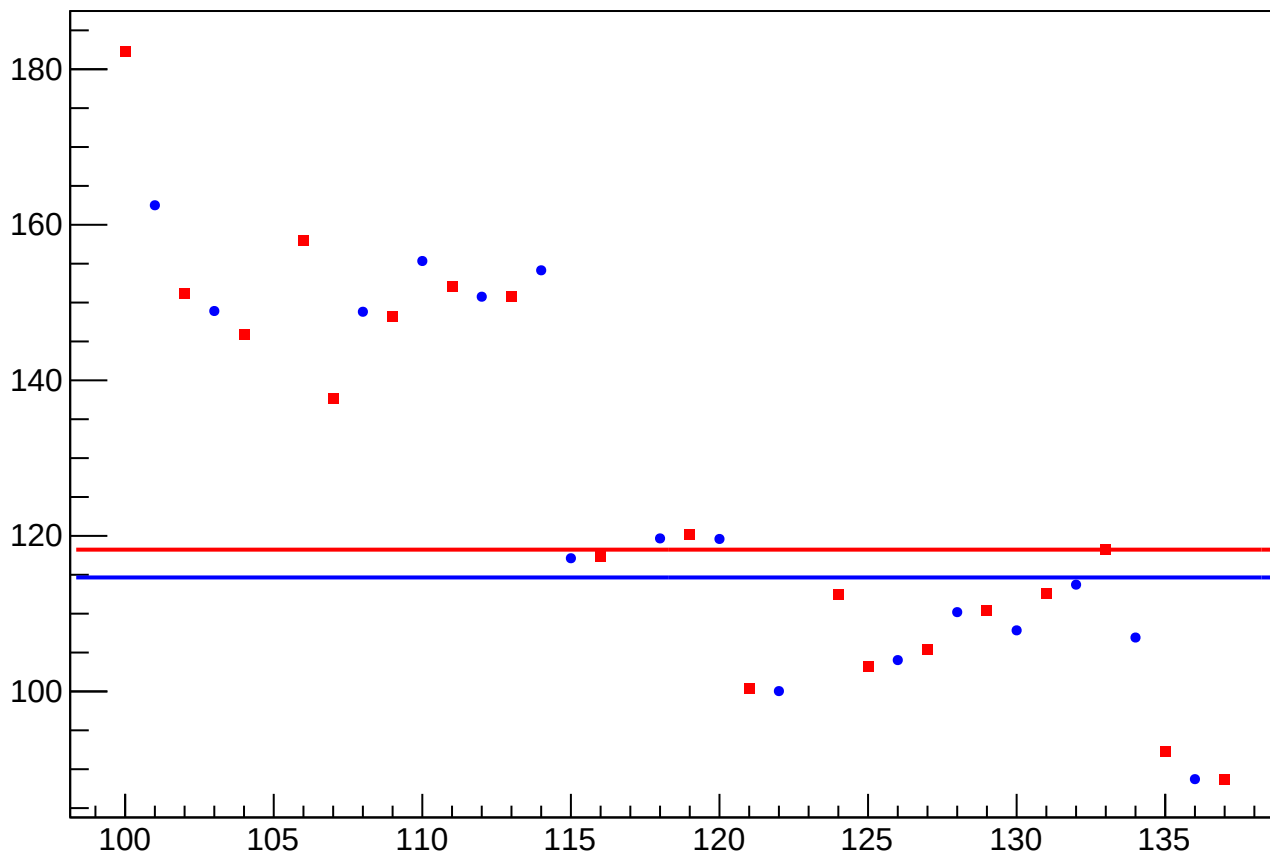
Right: 51.308 $\pm$ 30.950 χ^2 /NDF: 30.3/34

In: 101.278 $\pm$ 43.510 χ^2 /NDF:11.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 51.308 $\pm$ 30.950 χ^2 /NDF: 30.3/34

eigen_dit_asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 114.655+/-0.031 χ^2/NDF : 531962.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.230+/-0.031 χ^2/NDF : 483401.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

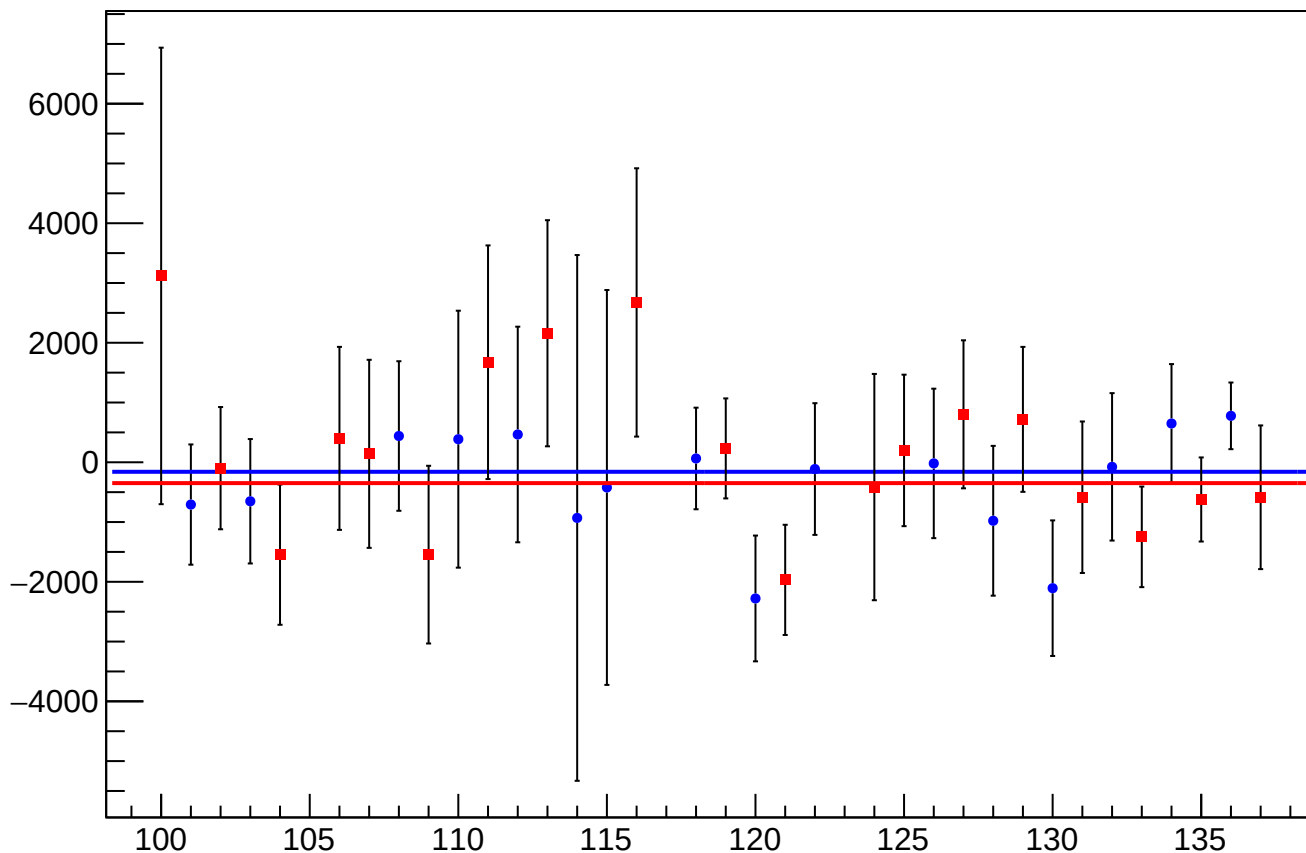
Right: 116.421+/-0.022 χ^2/NDF : 1022036.9/34

In: 114.655+/-0.031 χ^2/NDF : 531962.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.421+/-0.022 χ^2/NDF : 1022036.9/34

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -159.112 $\pm$ 274.558 χ^2 /NDF: 12.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -348.528 $\pm$ 273.595 χ^2 /NDF: 14.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

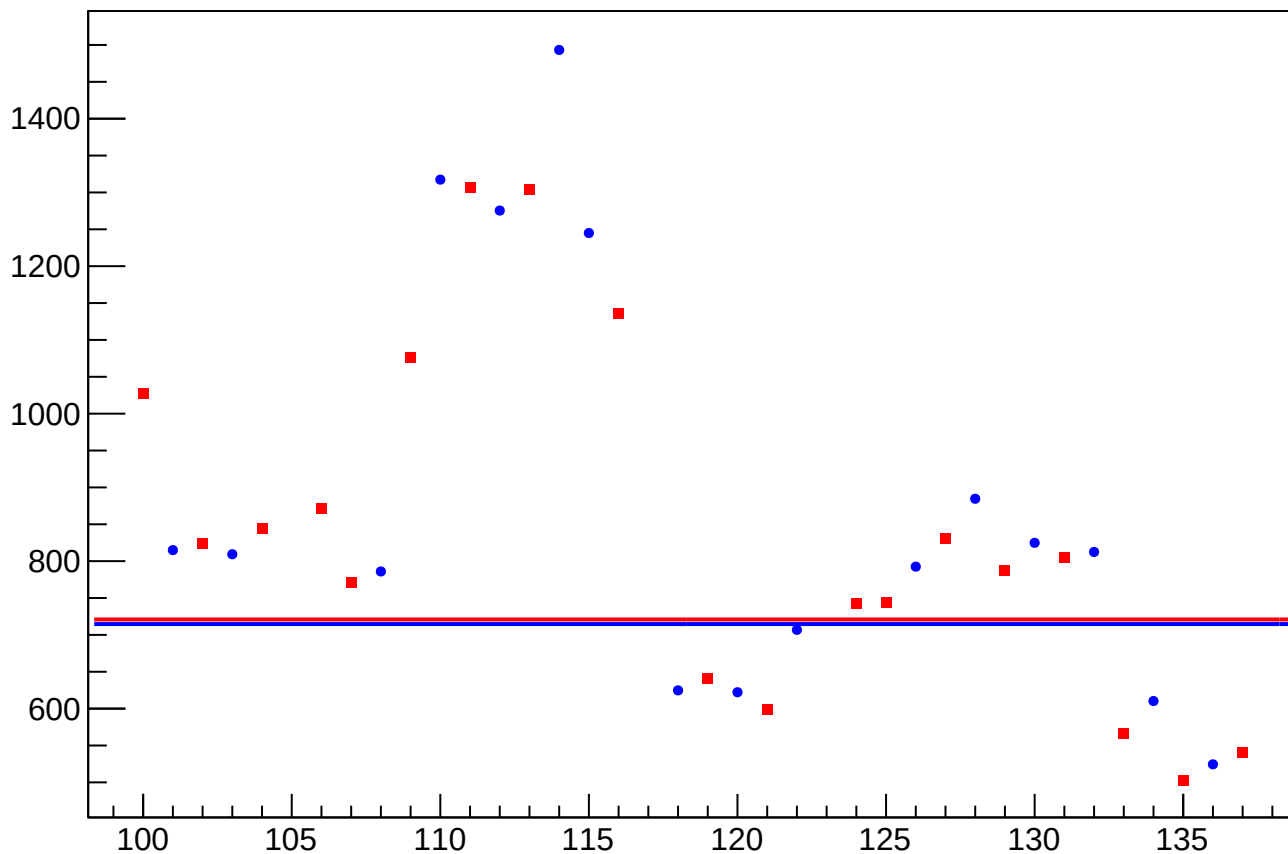
Right: -254.153 $\pm$ 193.800 χ^2 /NDF: 26.5/34

In: -159.112 $\pm$ 274.558 χ^2 /NDF:12.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -254.153 $\pm$ 193.800 χ^2 /NDF: 26.5/34

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 714.666+/-0.194 χ^2/NDF : 876211.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.884+/-0.193 χ^2/NDF : 1018428.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

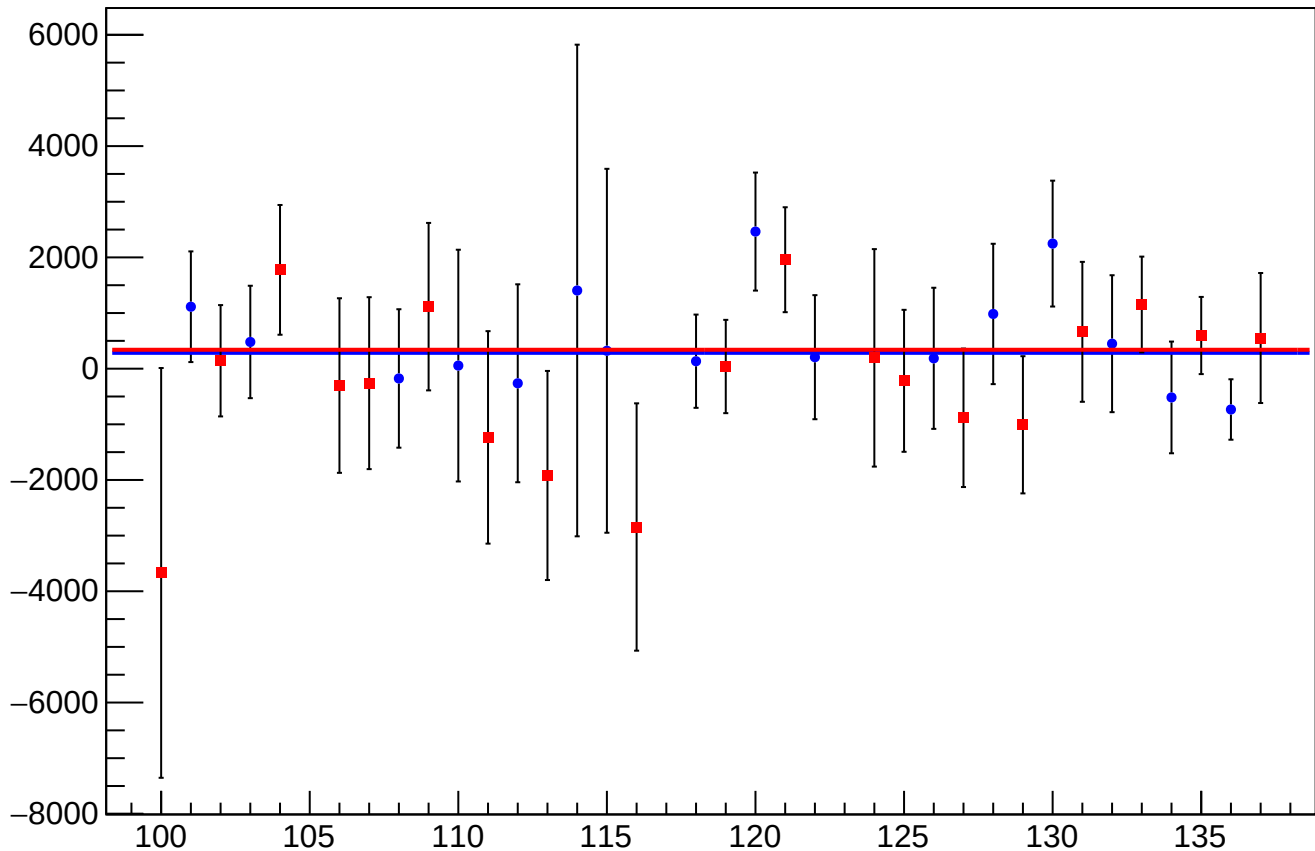
Right: 717.786+/-0.137 χ^2/NDF : 1895155.0/34

In: 714.666+/-0.194 χ^2/NDF : 876211.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 717.786+/-0.137 χ^2/NDF : 1895155.0/34

asym_sam_26_48_dd_mean vs Slug, Sign Corrected



Right In: 284.780 $\pm$ 271.944 χ^2 /NDF: 12.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 340.018 $\pm$ 273.601 χ^2 /NDF: 14.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

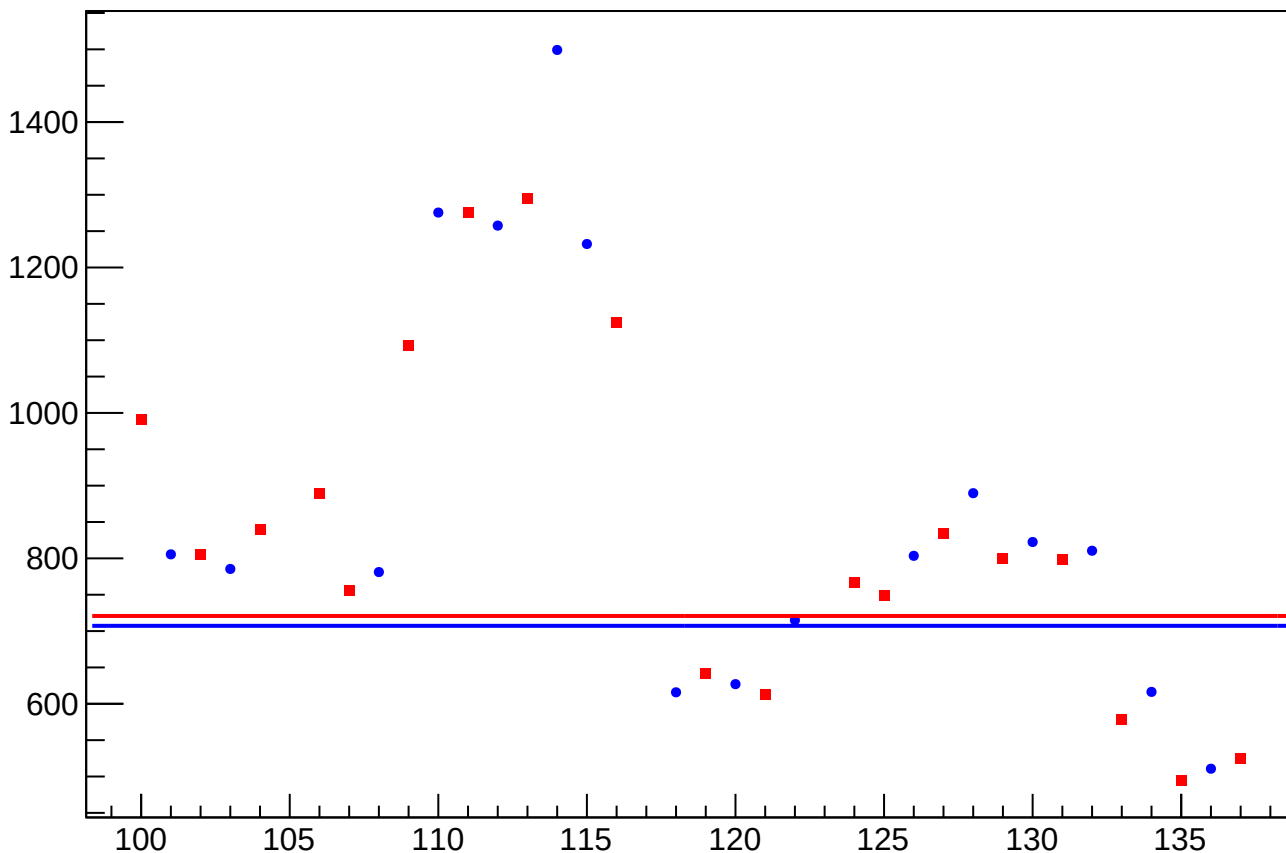
Right: 312.231 $\pm$ 192.877 χ^2 /NDF: 26.9/34

In: 284.780 $\pm$ 271.944 χ^2 /NDF:12.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 312.231 $\pm$ 192.877 χ^2 /NDF: 26.9/34

asym_sam_26_48_dd_rms vs Slug, Sign Corrected



Right In: 707.209+/-0.192 χ^2/NDF : 896689.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.778+/-0.193 χ^2/NDF : 1015277.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

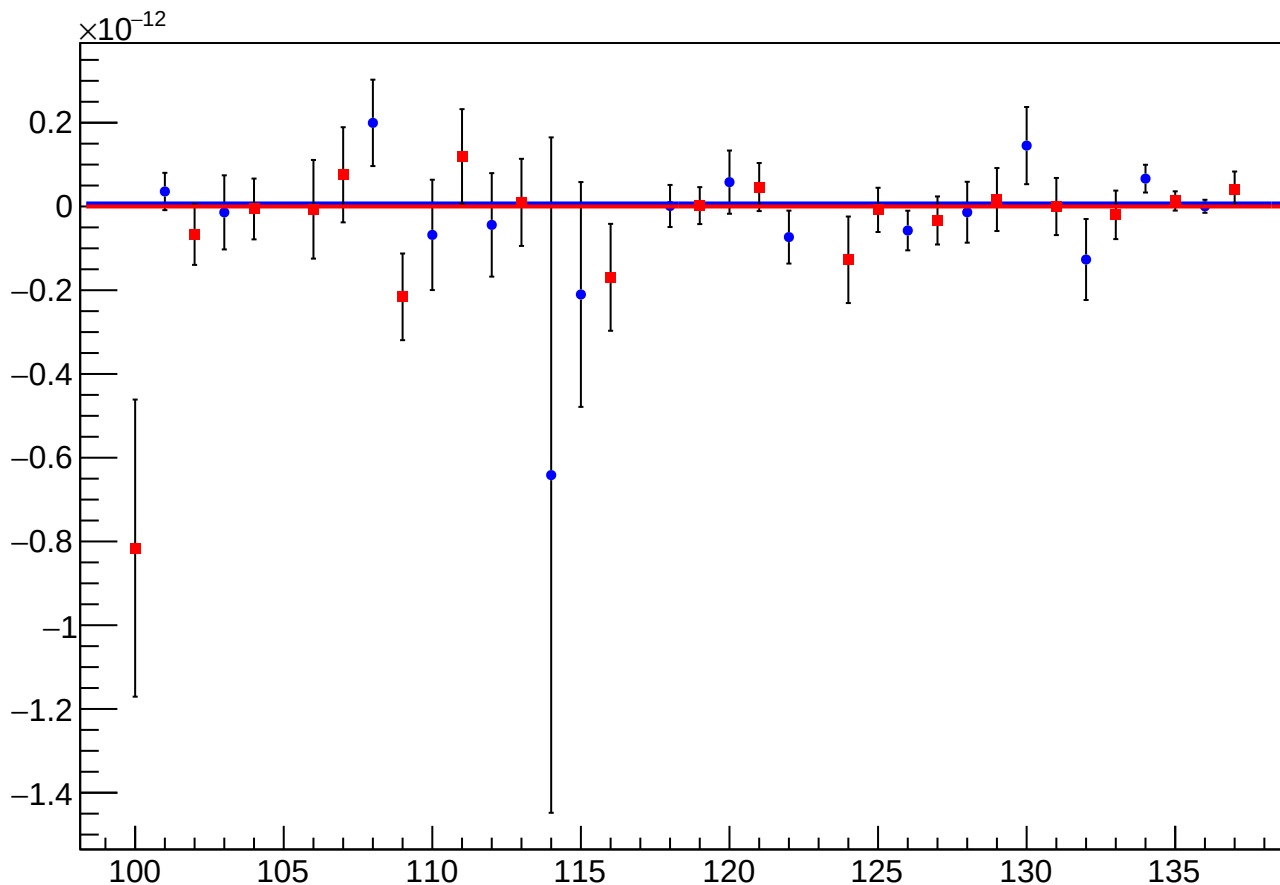
Right: 713.952+/-0.136 χ^2/NDF : 1914442.0/34

In: 707.209+/-0.192 χ^2/NDF : 896689.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 713.952+/-0.136 χ^2/NDF : 1914442.0/34

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

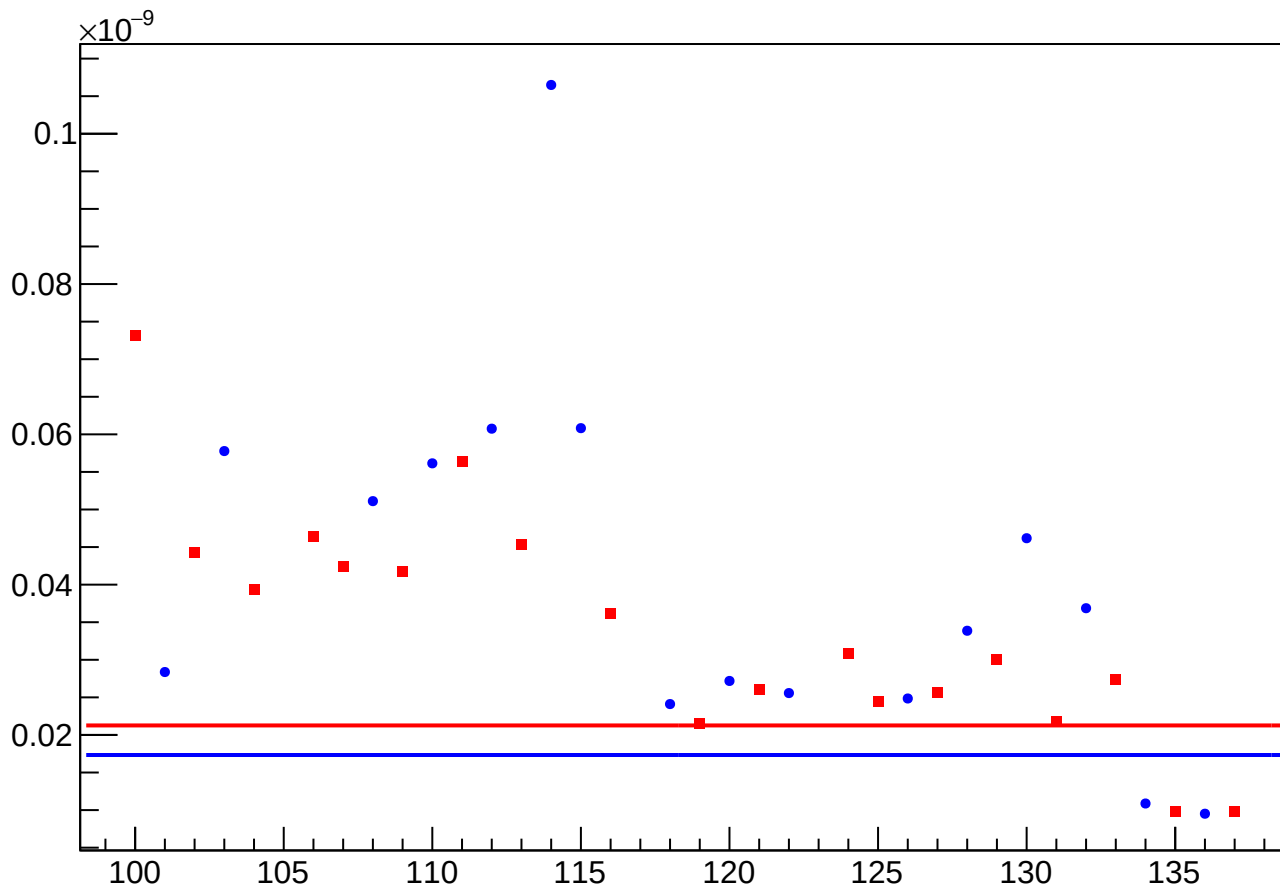
Right: 0.000+/-0.000 χ^2/NDF : 35.3/34

In: 0.000+/-0.000 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.3/34

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2368825.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1671050.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

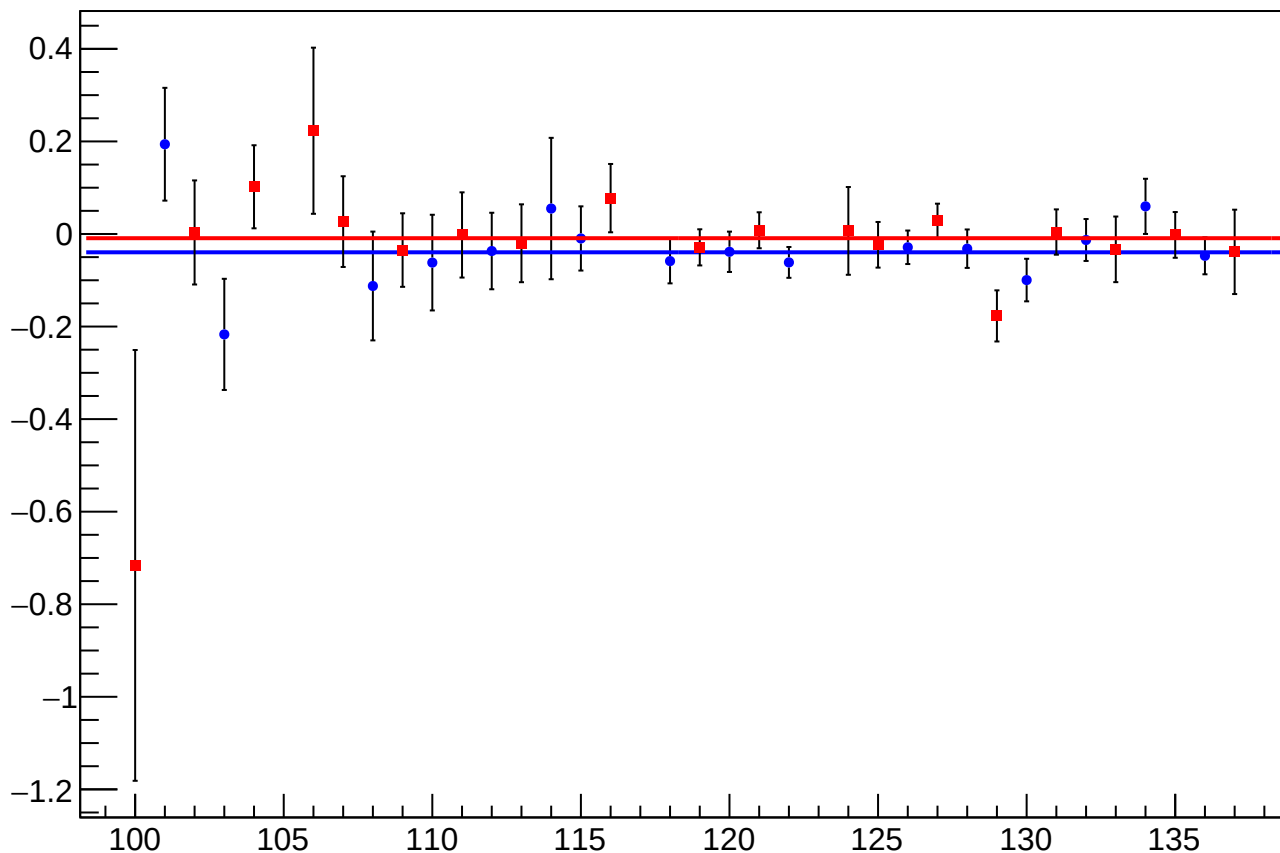
Right: 0.000+/-0.000 χ^2/NDF : 4139315.0/34

In: 0.000+/-0.000 χ^2/NDF : 2368825.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4139315.0/34

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.013 χ^2/NDF : 12.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.014 χ^2/NDF : 18.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

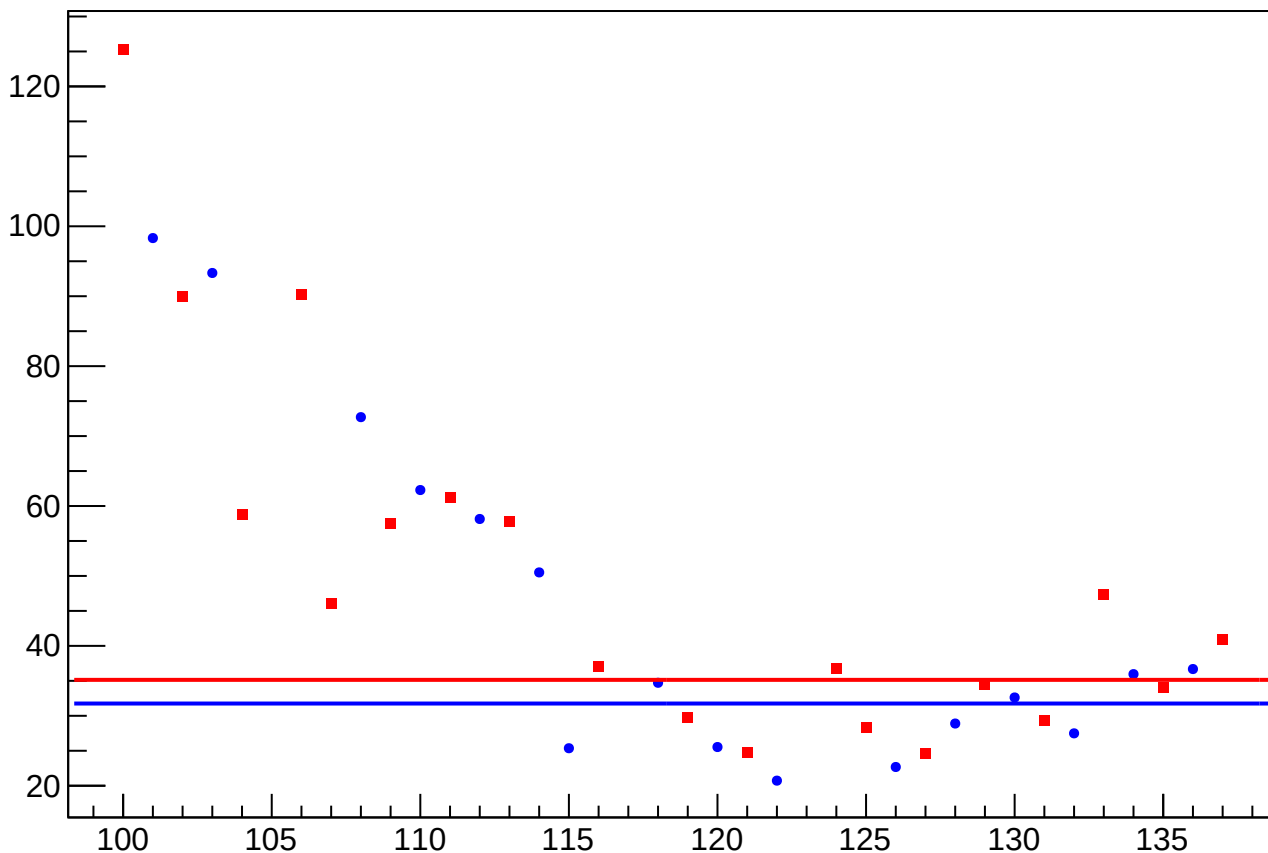
Right: -0.025 ± 0.010 χ^2/NDF : 33.2/34

In: -0.040 ± 0.013 χ^2/NDF : 12.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.010 χ^2/NDF : 33.2/34

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.140+/-0.010 χ^2/NDF : 1844676.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

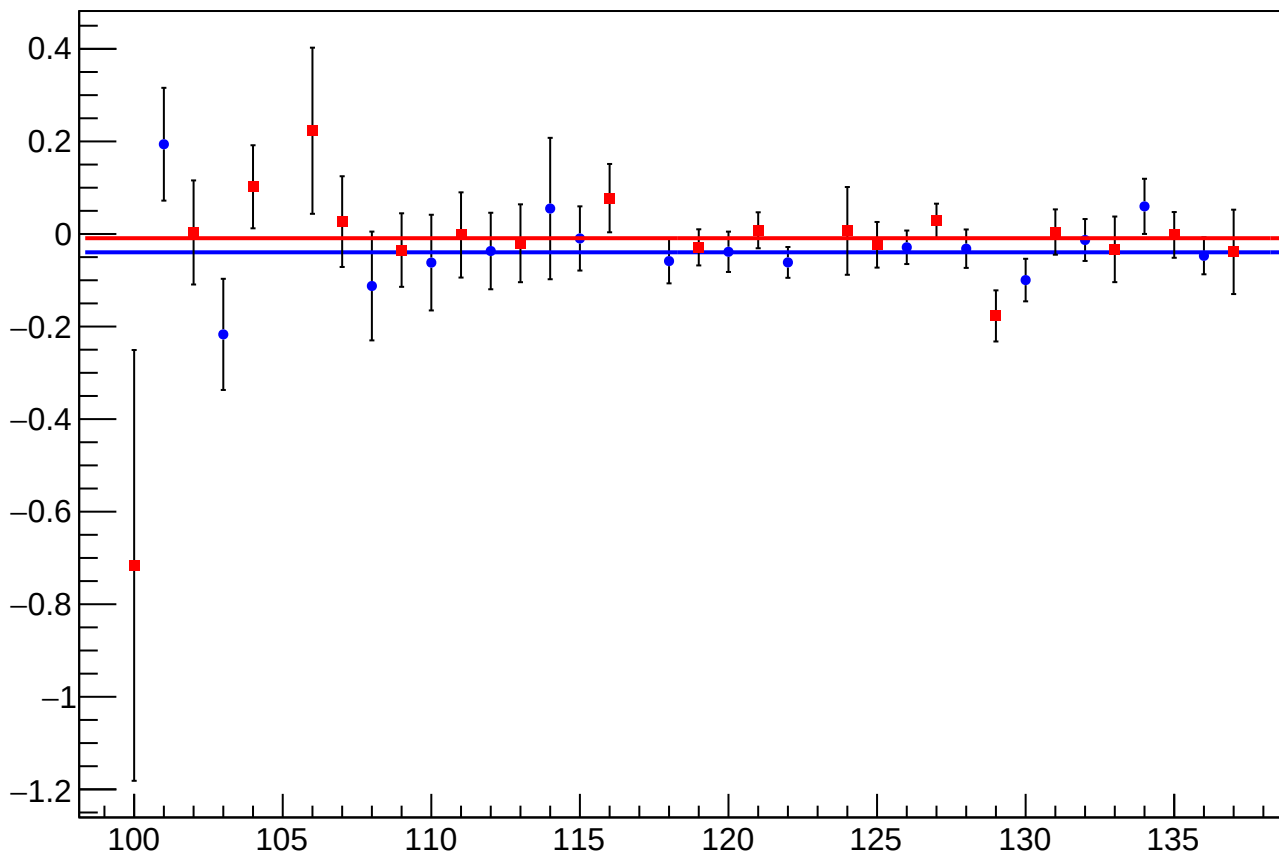
Right: 33.323+/-0.007 χ^2/NDF : 4158326.5/34

In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.323+/-0.007 χ^2/NDF : 4158326.5/34

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040 ± 0.013 χ^2/NDF : 12.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.009 ± 0.014 χ^2/NDF : 18.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

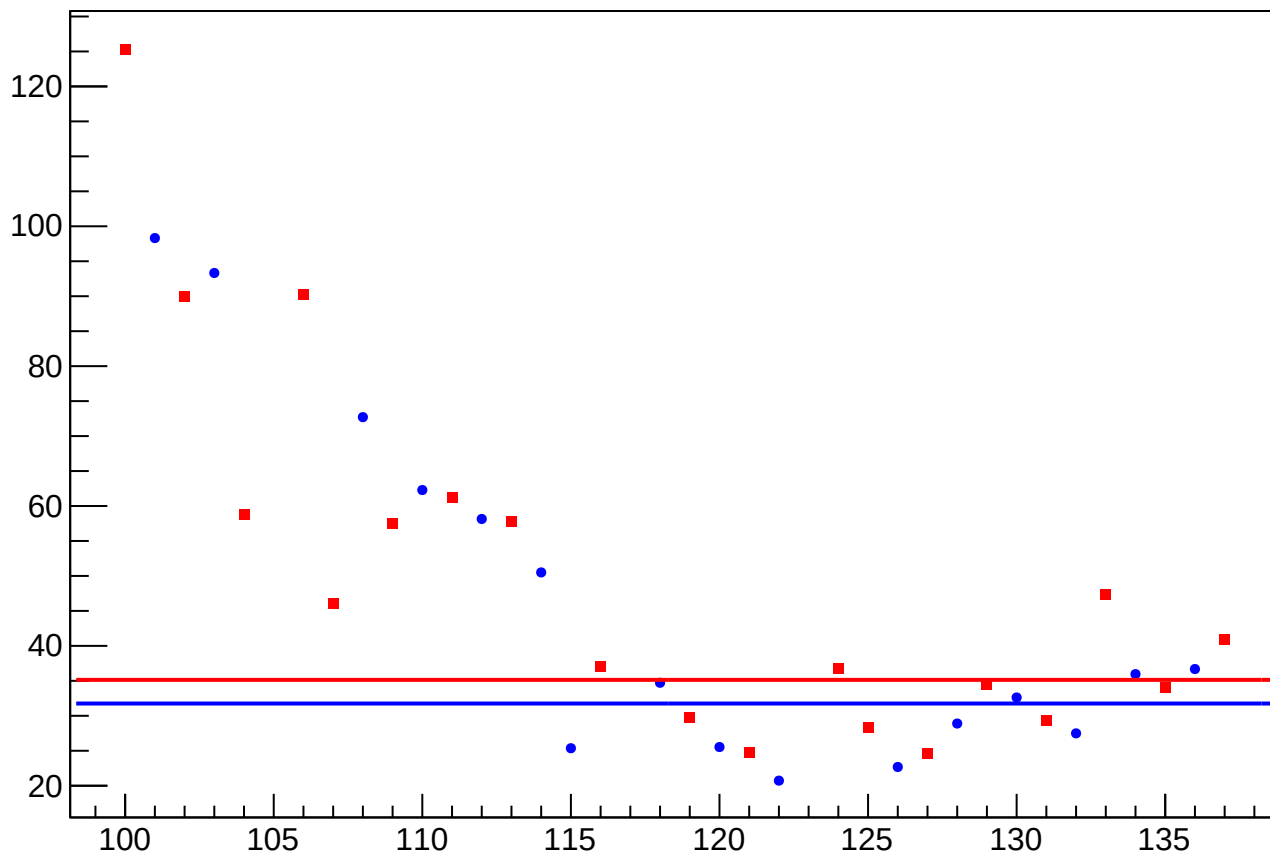
Right: -0.025 ± 0.010 χ^2/NDF : 33.2/34

In: -0.040 ± 0.013 χ^2/NDF : 12.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.025 ± 0.010 χ^2/NDF : 33.2/34

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.140+/-0.010 χ^2/NDF : 1844676.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

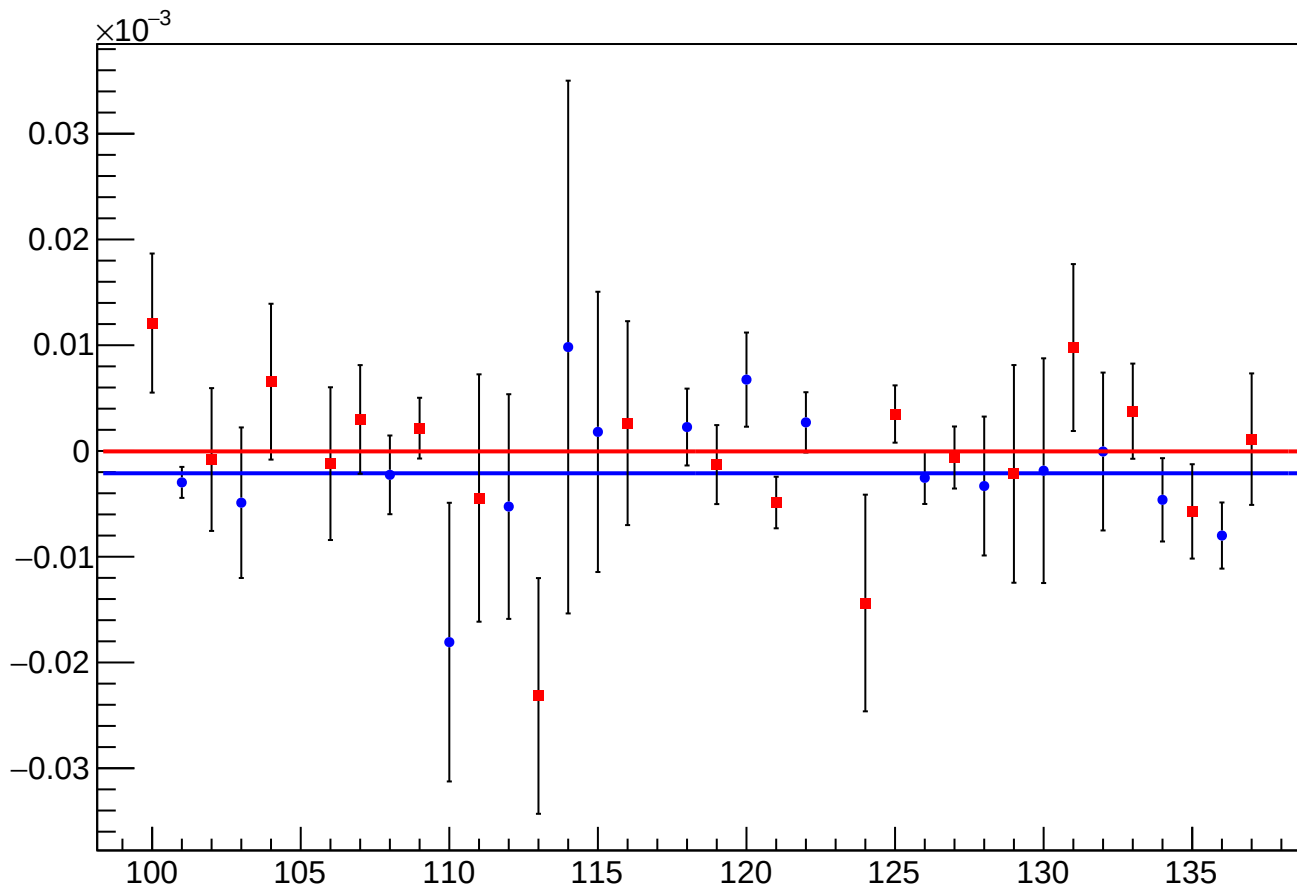
Right: 33.323+/-0.007 χ^2/NDF : 4158326.5/34

In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.323+/-0.007 χ^2/NDF : 4158326.5/34

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

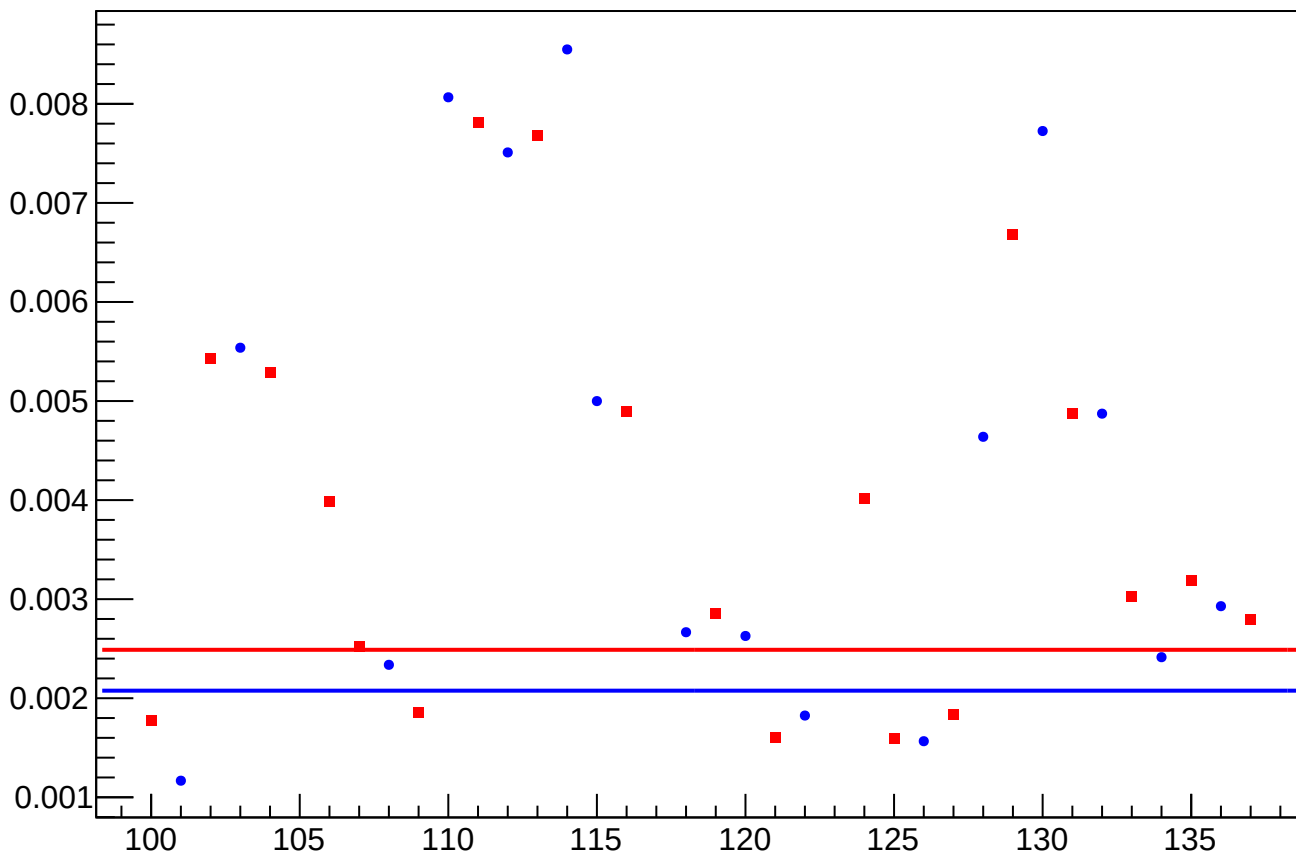
Right: -0.000+/-0.000 χ^2/NDF : 38.4/34

In: -0.000+/-0.000 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.4/34

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3916668.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 3092230.7/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 7186793.8/34

In: 0.002+/-0.000

χ^2/NDF : 3916668.9/15

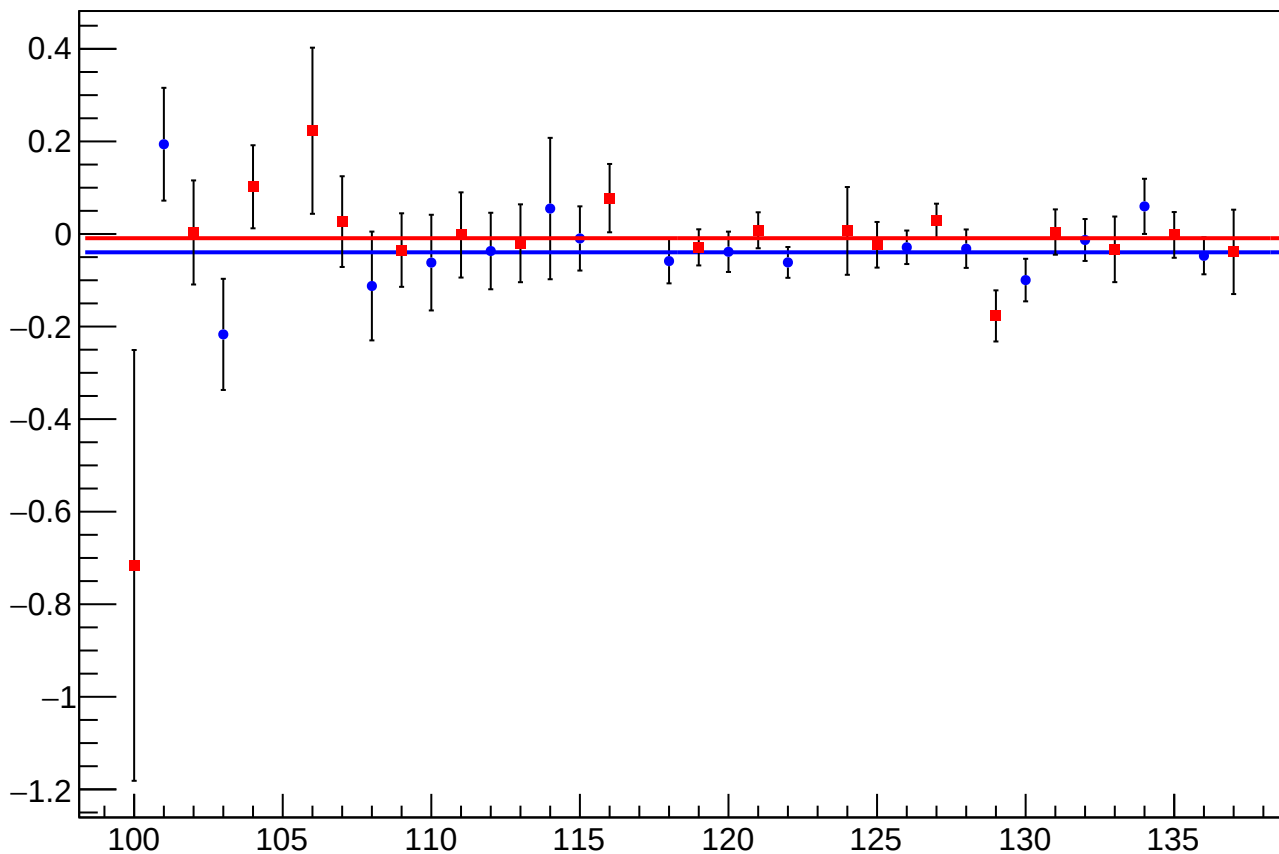
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 7186793.8/34

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.013 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.014 χ^2/NDF : 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

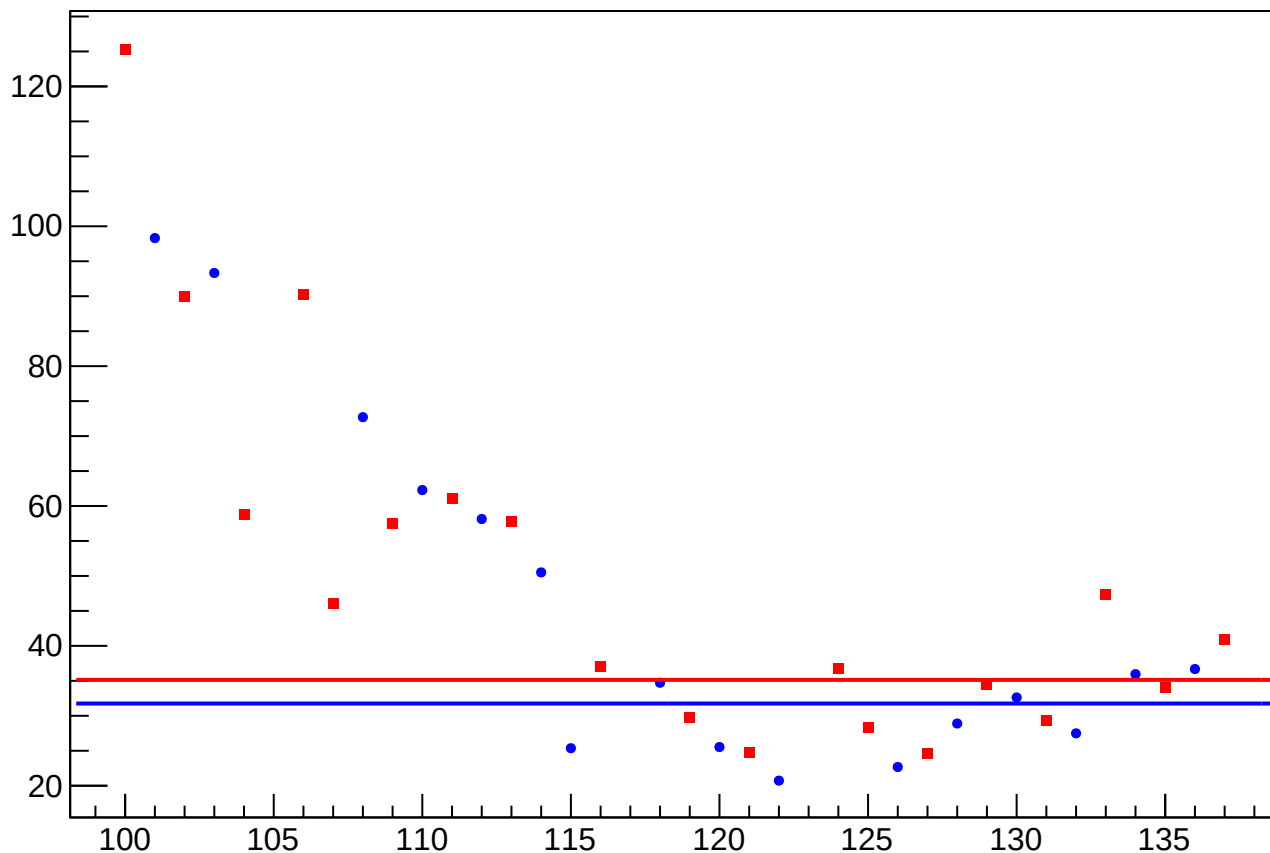
Right: -0.025+/-0.010 χ^2/NDF : 33.2/34

In: -0.040+/-0.013 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.010 χ^2/NDF : 33.2/34

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.140+/-0.010 χ^2/NDF : 1844572.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

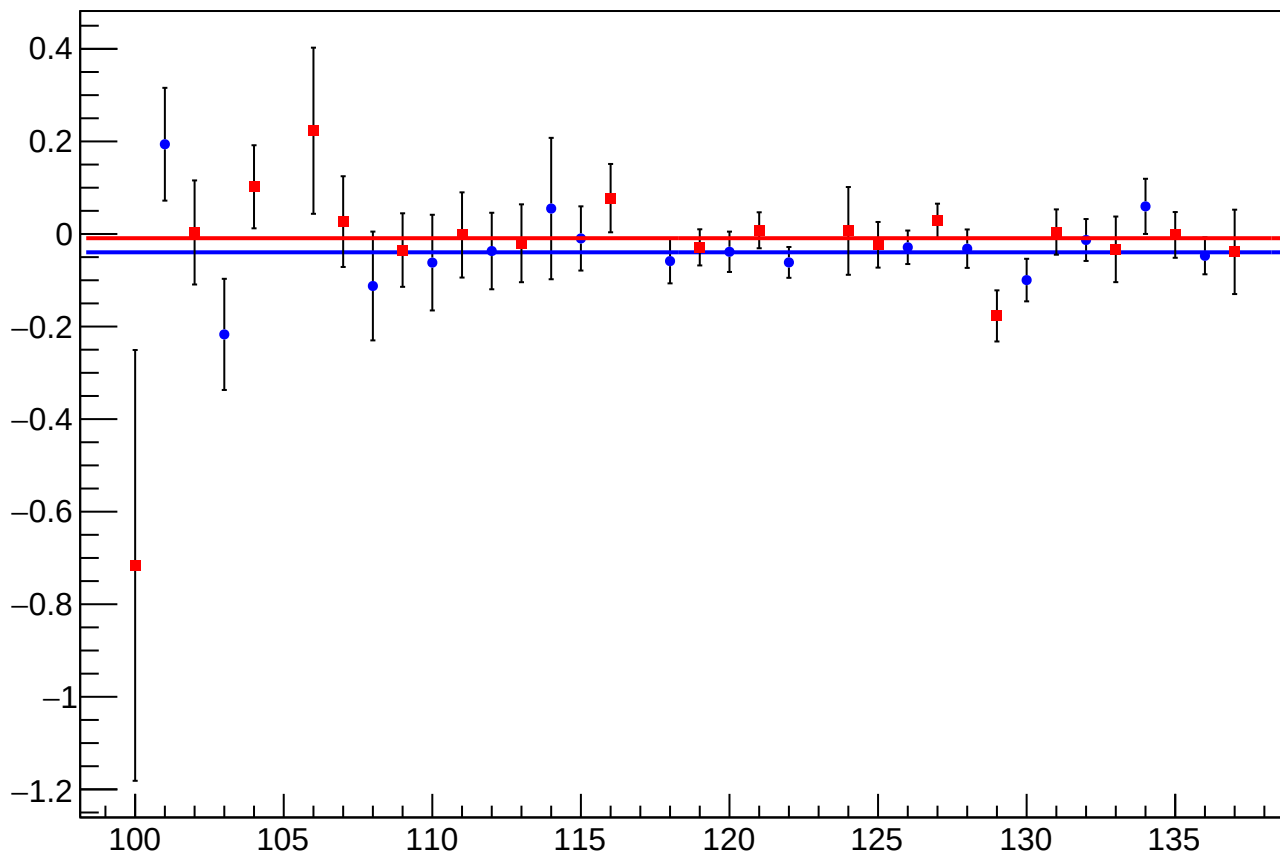
Right: 33.324+/-0.007 χ^2/NDF : 4158199.3/34

In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.324+/-0.007 χ^2/NDF : 4158199.3/34

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.040+/-0.013 χ^2/NDF : 12.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.014 χ^2/NDF : 18.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

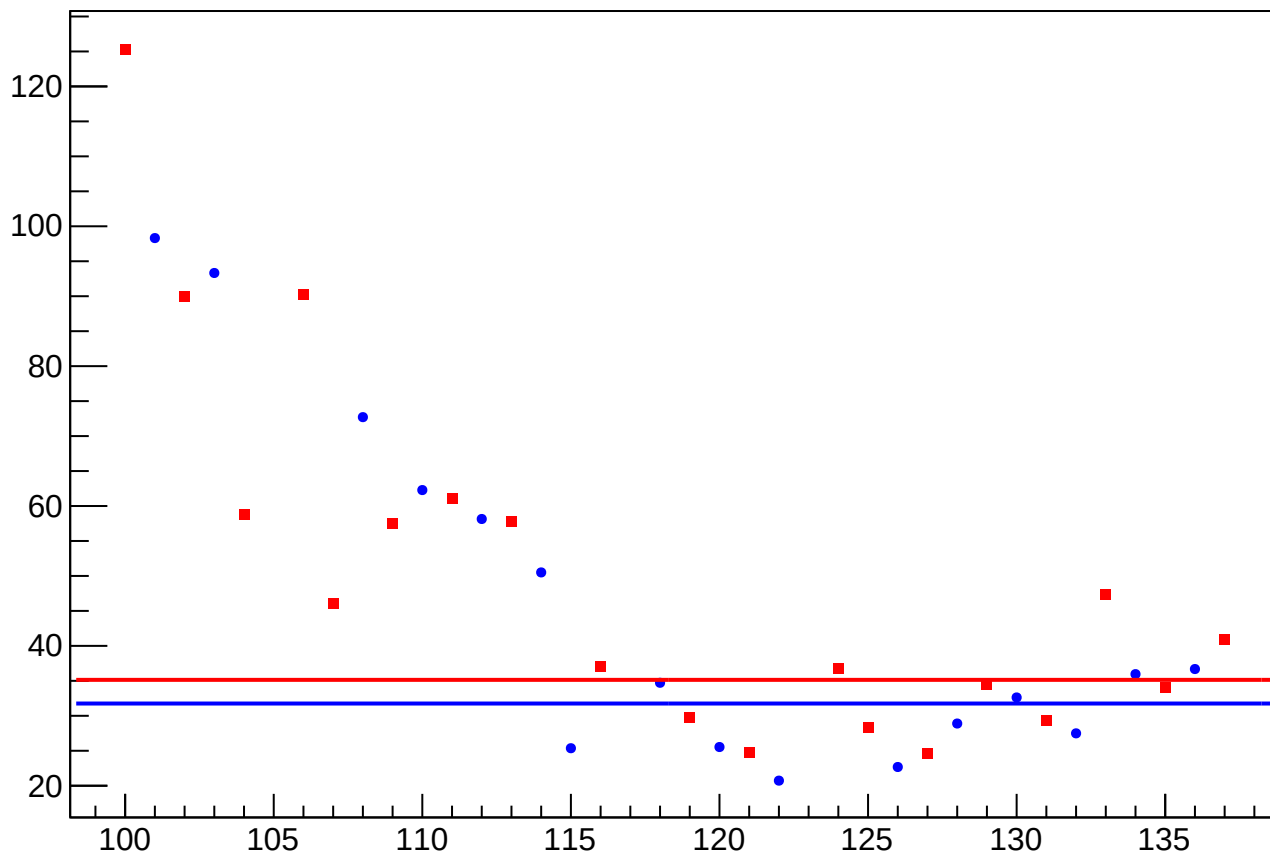
Right: -0.025+/-0.010 χ^2/NDF : 33.2/34

In: -0.040+/-0.013 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.025+/-0.010 χ^2/NDF : 33.2/34

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.140+/-0.010 χ^2/NDF : 1844572.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

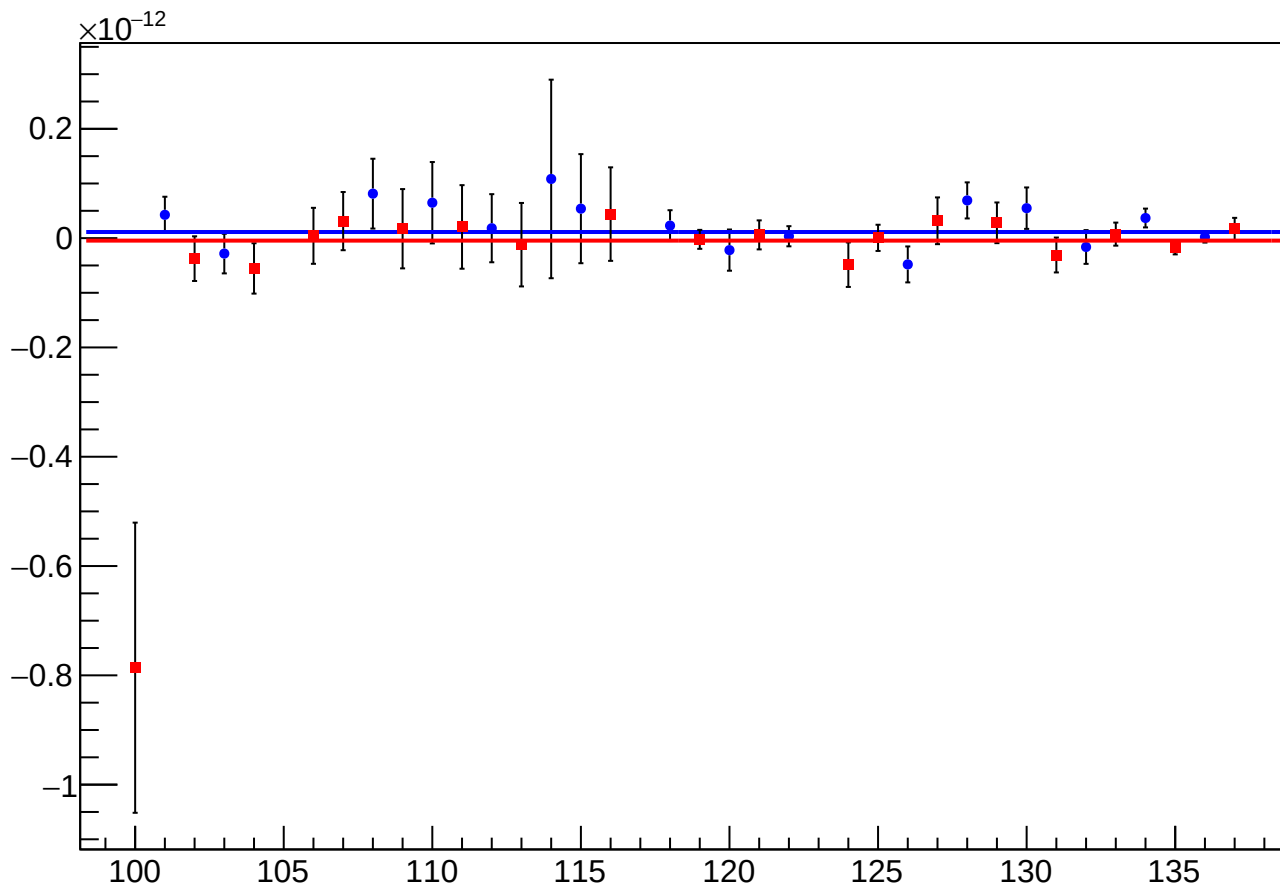
Right: 33.324+/-0.007 χ^2/NDF : 4158199.3/34

In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.324+/-0.007 χ^2/NDF : 4158199.3/34

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

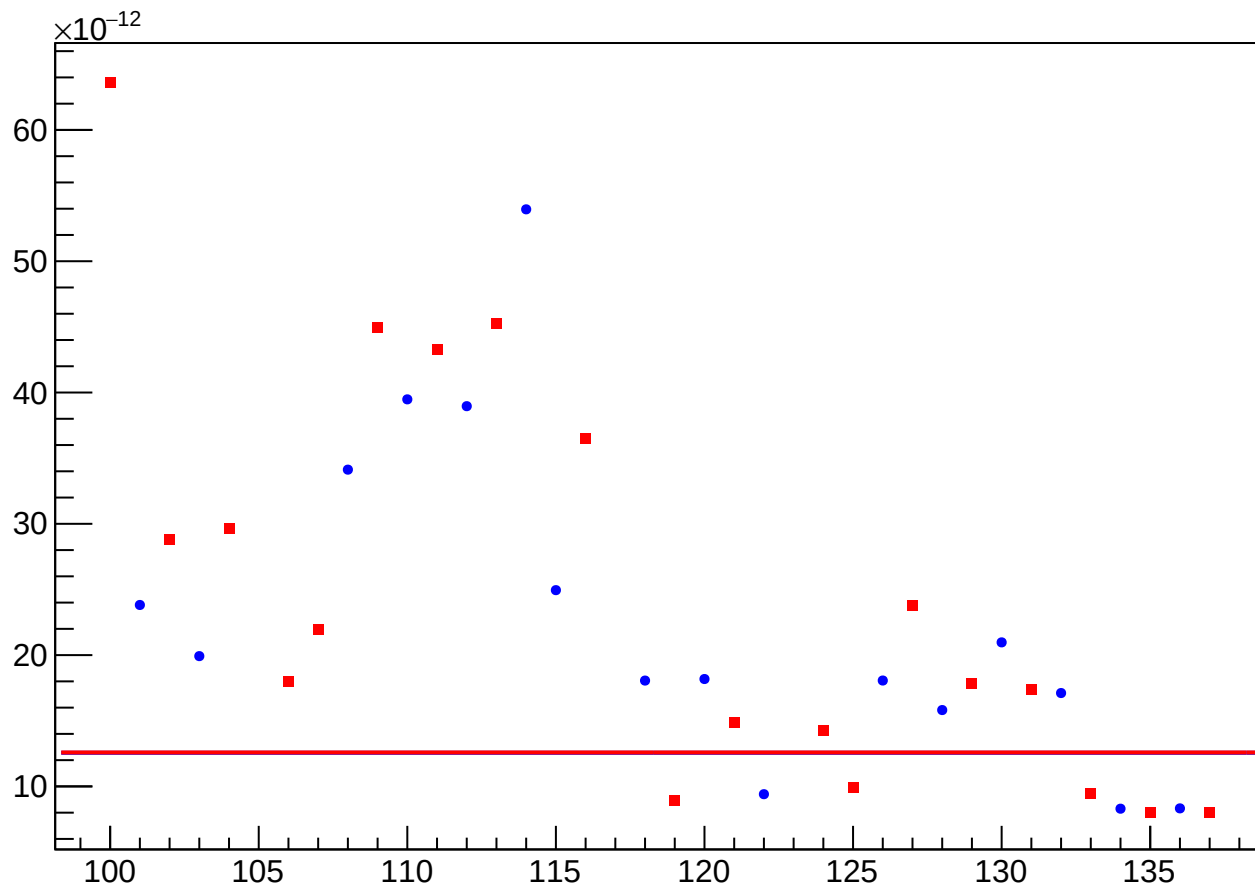
Right: 0.000+/-0.000 χ^2/NDF : 37.3/34

In: 0.000+/-0.000 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/34

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2164553.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2747891.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

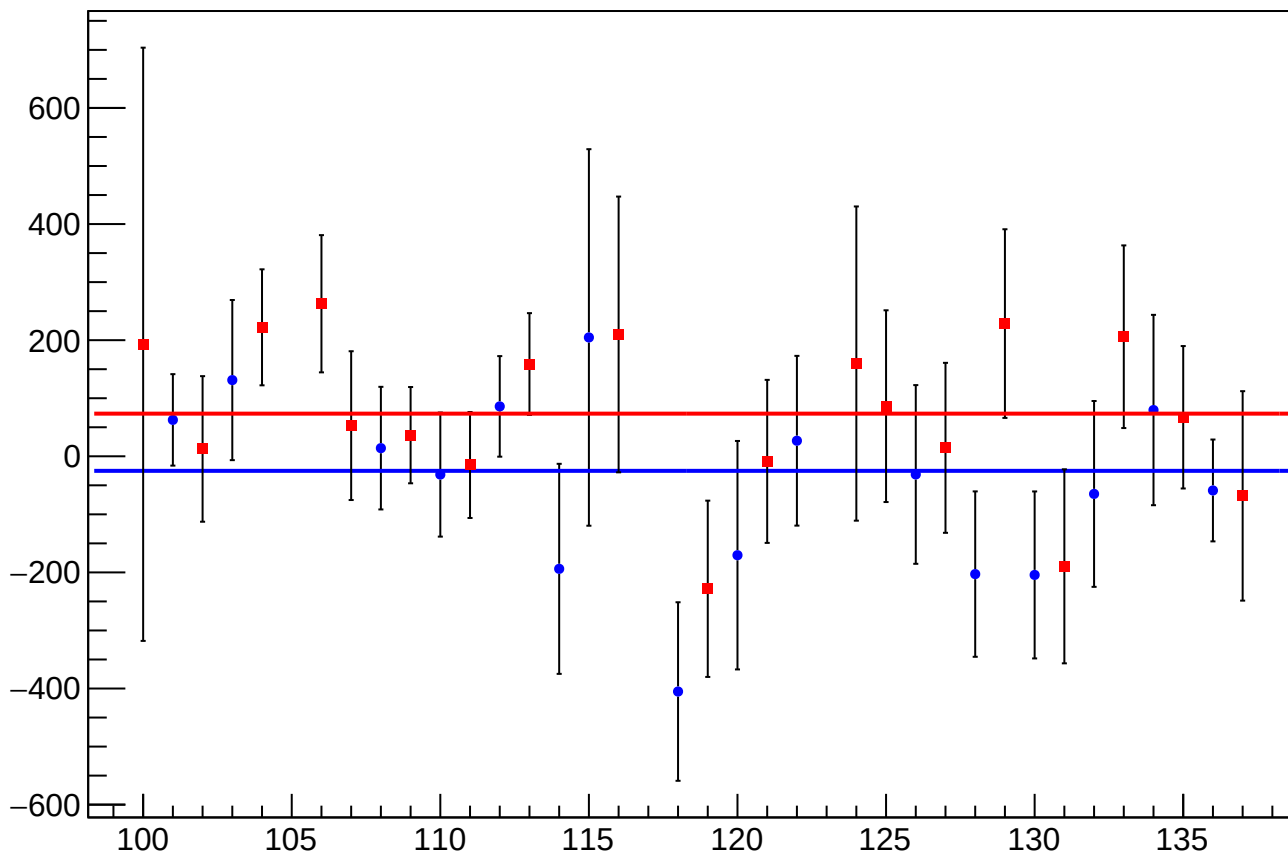
Right: 0.000+/-0.000 χ^2/NDF : 4912459.0/34

In: 0.000+/-0.000 χ^2/NDF : 2164553.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4912459.0/34

reg_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -25.072 ± 31.230 χ^2/NDF : 16.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 73.458 ± 29.935 χ^2/NDF : 16.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

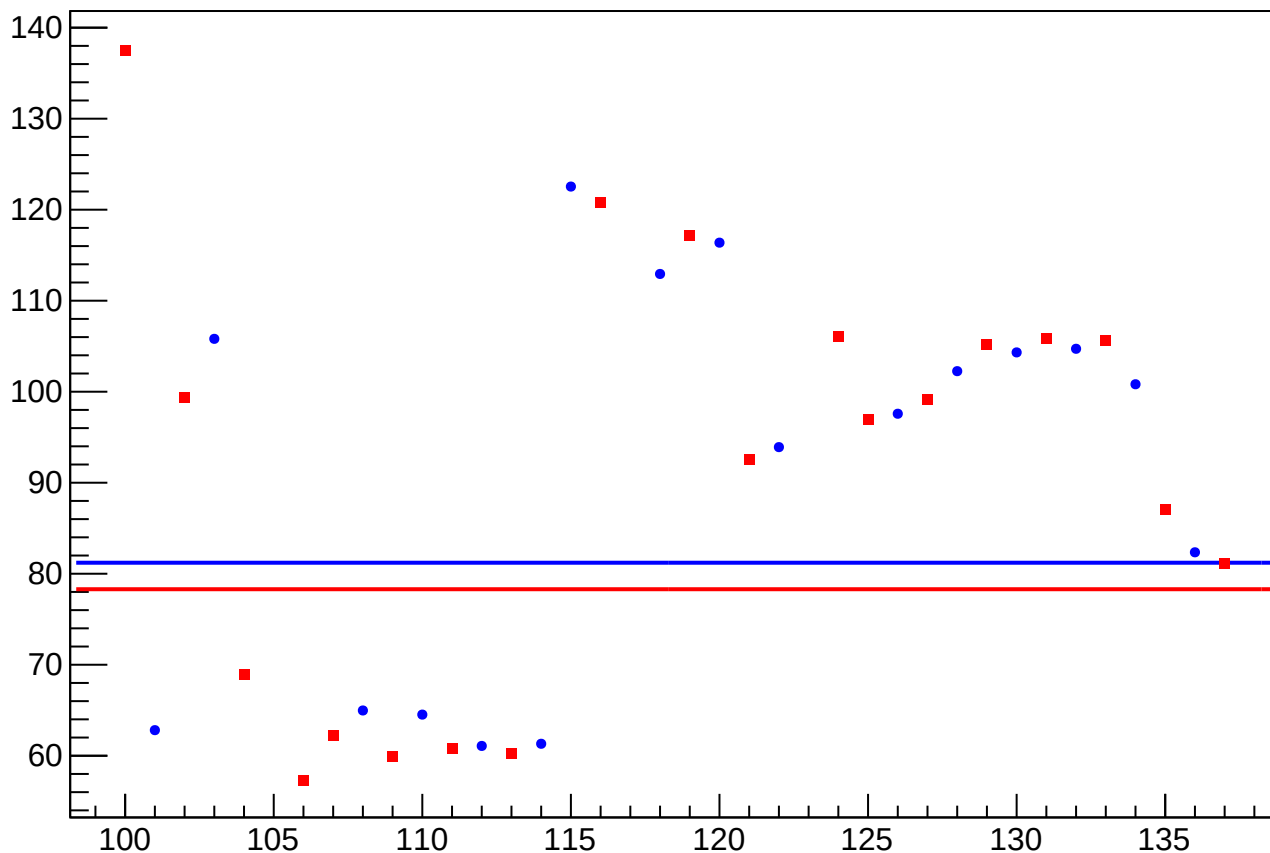
Right: 26.278 ± 21.610 χ^2/NDF : 38.2/34

In: -25.072 ± 31.230 χ^2/NDF : 16.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 26.278 ± 21.610 χ^2/NDF : 38.2/34

reg_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.210+/-0.022 χ^2/NDF : 787676.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.298+/-0.021 χ^2/NDF : 934673.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

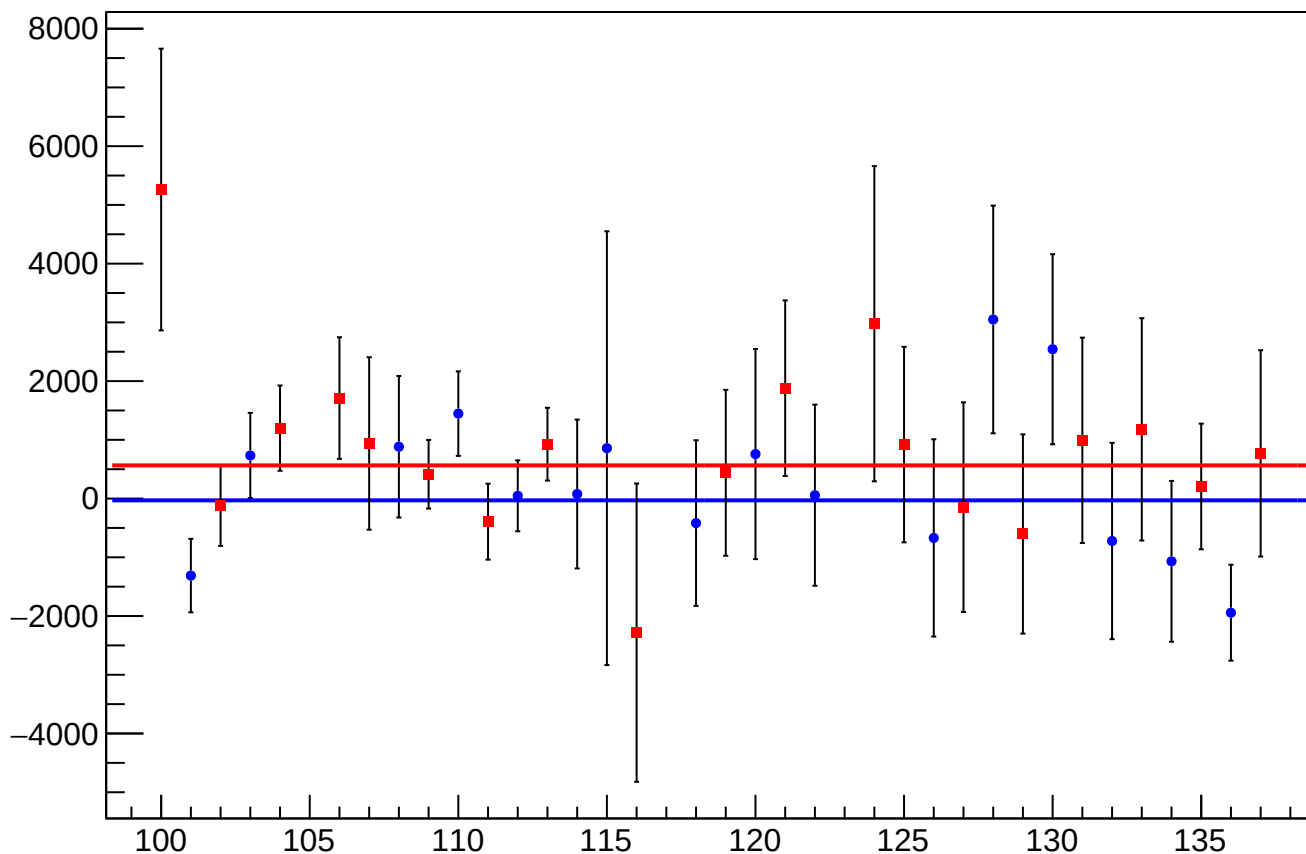
Right: 79.692+/-0.015 χ^2/NDF : 1731411.2/34

In: 81.210+/-0.022 χ^2/NDF : 787676.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.692+/-0.015 χ^2/NDF : 1731411.2/34

asym_sam_1548_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -30.407 ± 256.999 χ^2/NDF : 21.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 564.890 ± 238.492 χ^2/NDF : 13.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

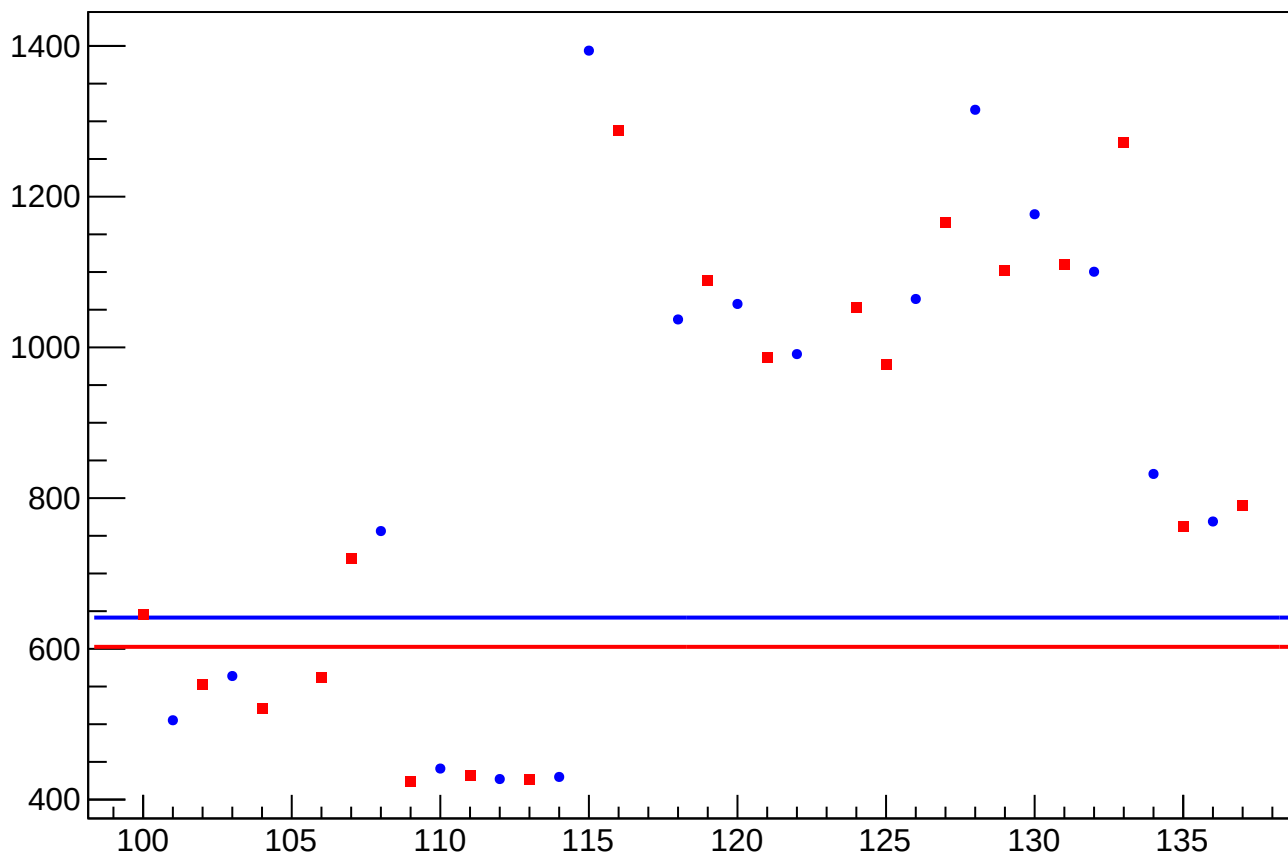
Right: 289.446 ± 174.816 χ^2/NDF : 38.1/34

In: -30.407 ± 256.999 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 289.446 ± 174.816 χ^2/NDF : 38.1/34

asym_sam_1548_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 641.499+/-0.182 χ^2/NDF : 1874990.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.654+/-0.169 χ^2/NDF : 2070307.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

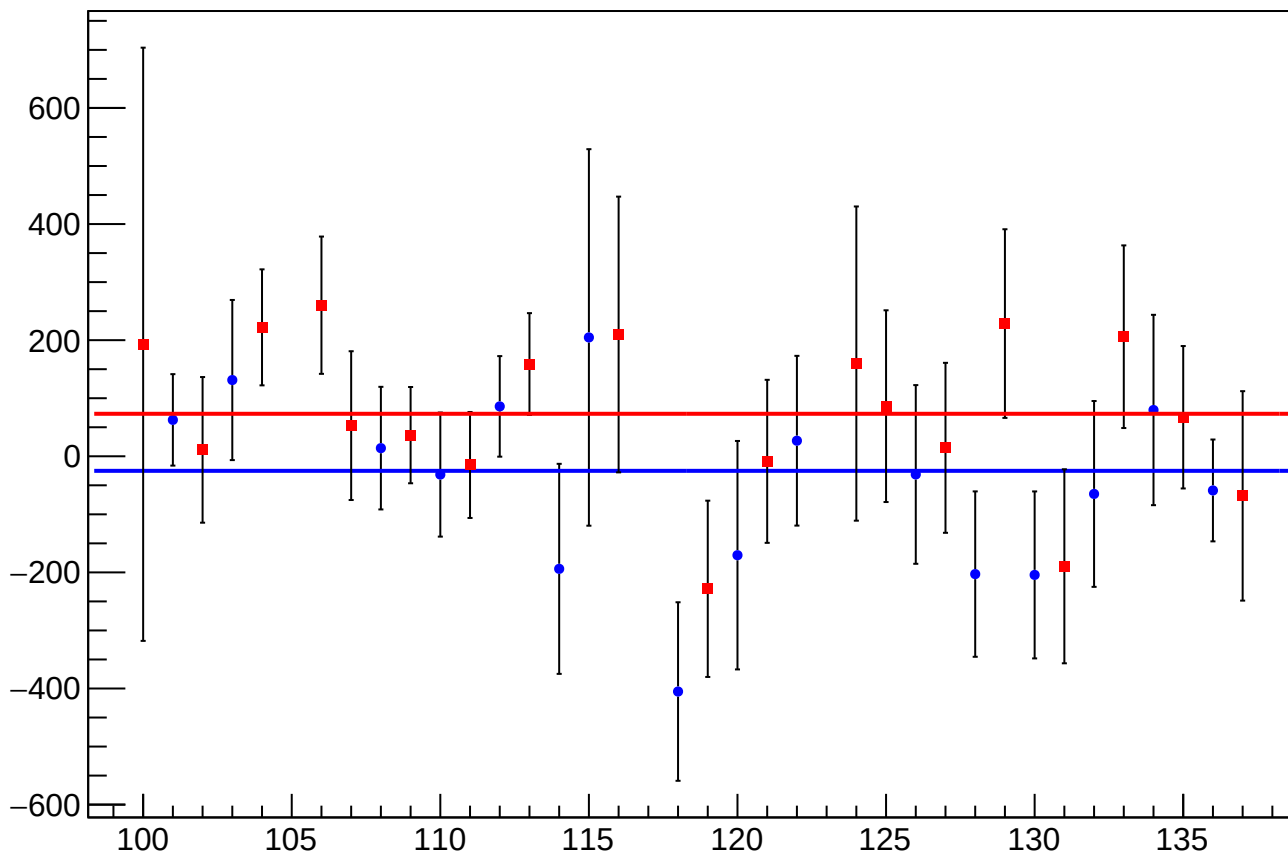
Right: 620.627+/-0.124 χ^2/NDF : 3969848.5/34

In: 641.499+/-0.182 χ^2/NDF : 1874990.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.627+/-0.124 χ^2/NDF : 3969848.5/34

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -25.075+/-31.230 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 73.193+/-29.937 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

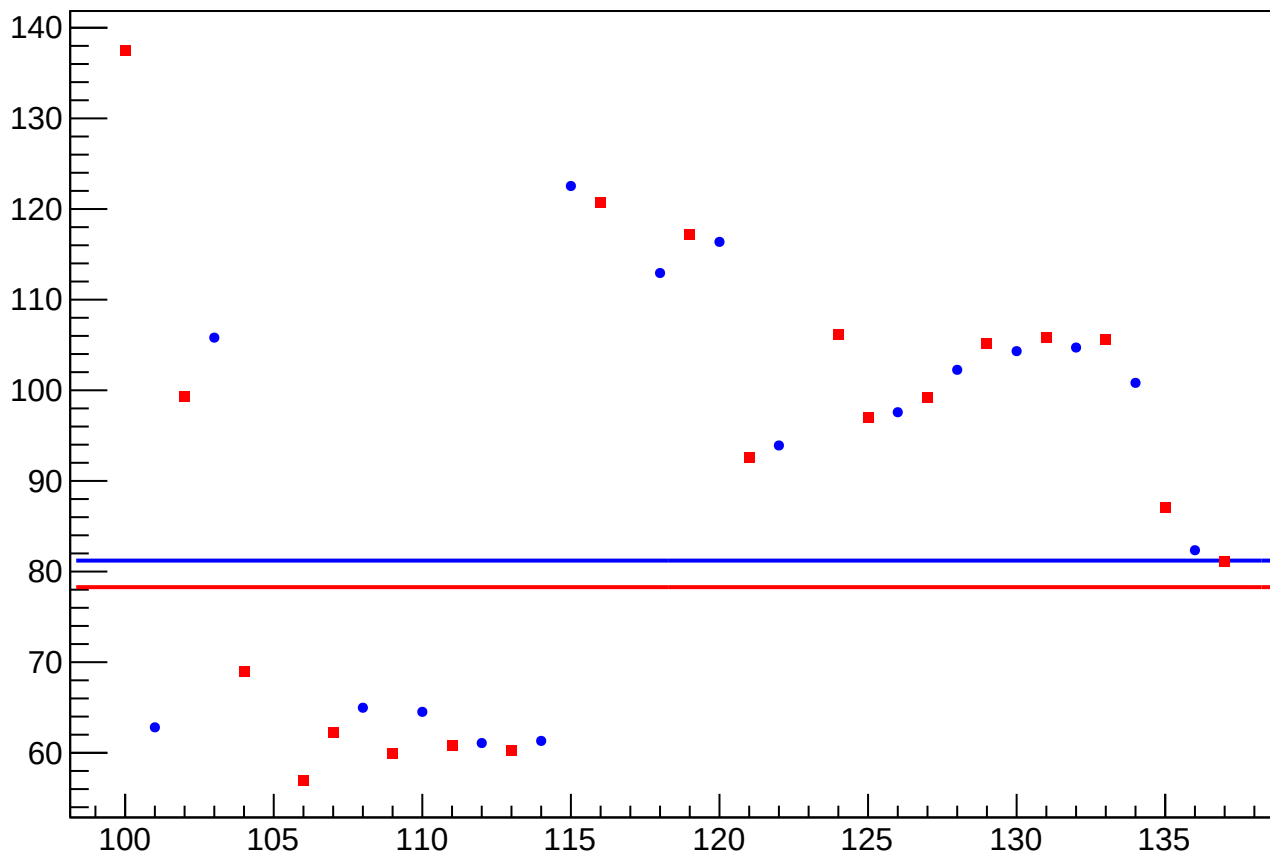
Right: 26.135+/-21.611 χ^2/NDF : 38.1/34

In: -25.075+/-31.230 χ^2/NDF :16.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.135+/-21.611 χ^2/NDF : 38.1/34

cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.279+/-0.021 χ^2/NDF : 936812.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

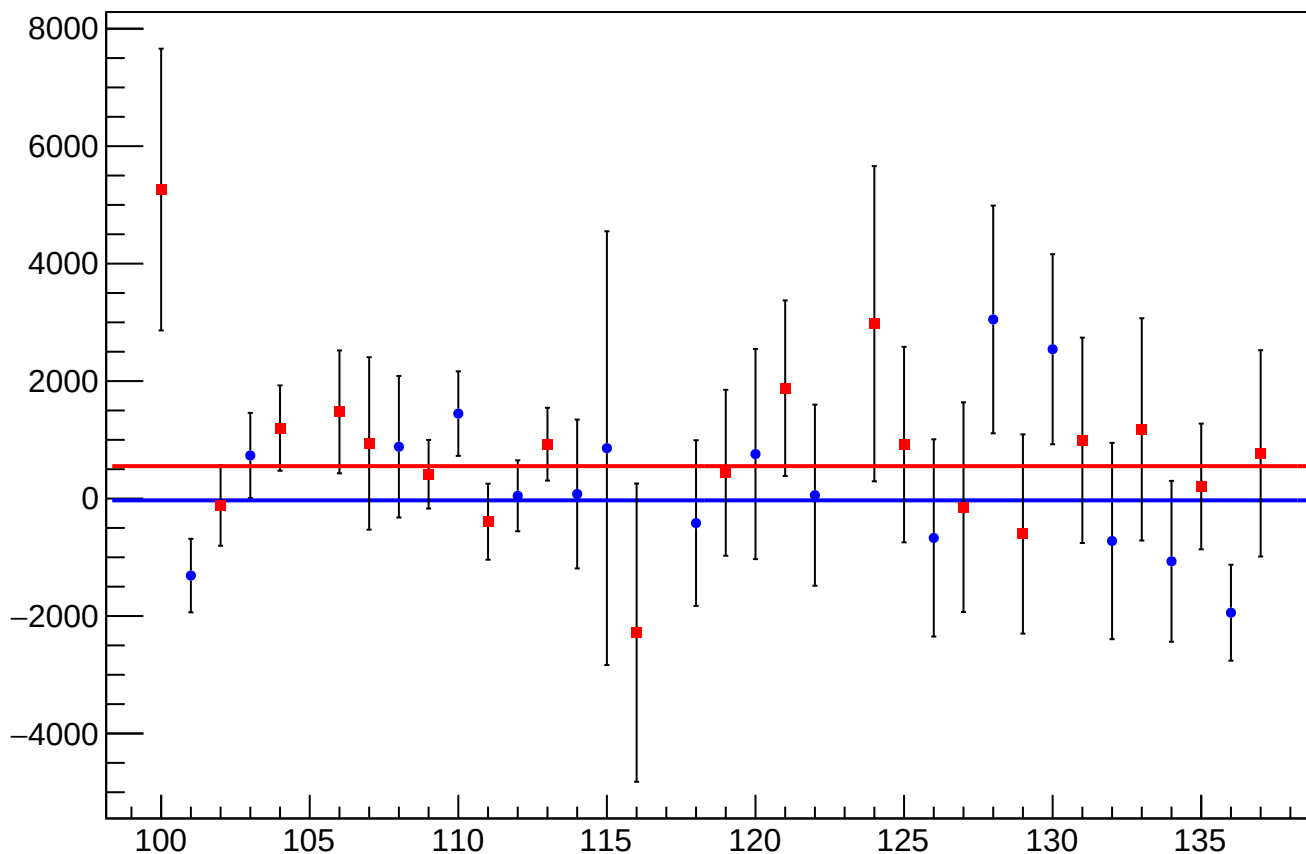
Right: 79.683+/-0.015 χ^2/NDF : 1733667.8/34

In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.683+/-0.015 χ^2/NDF : 1733667.8/34

asym_sam_1548_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.434 ± 257.002 χ^2/NDF : 21.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 551.948 ± 238.640 χ^2/NDF : 12.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

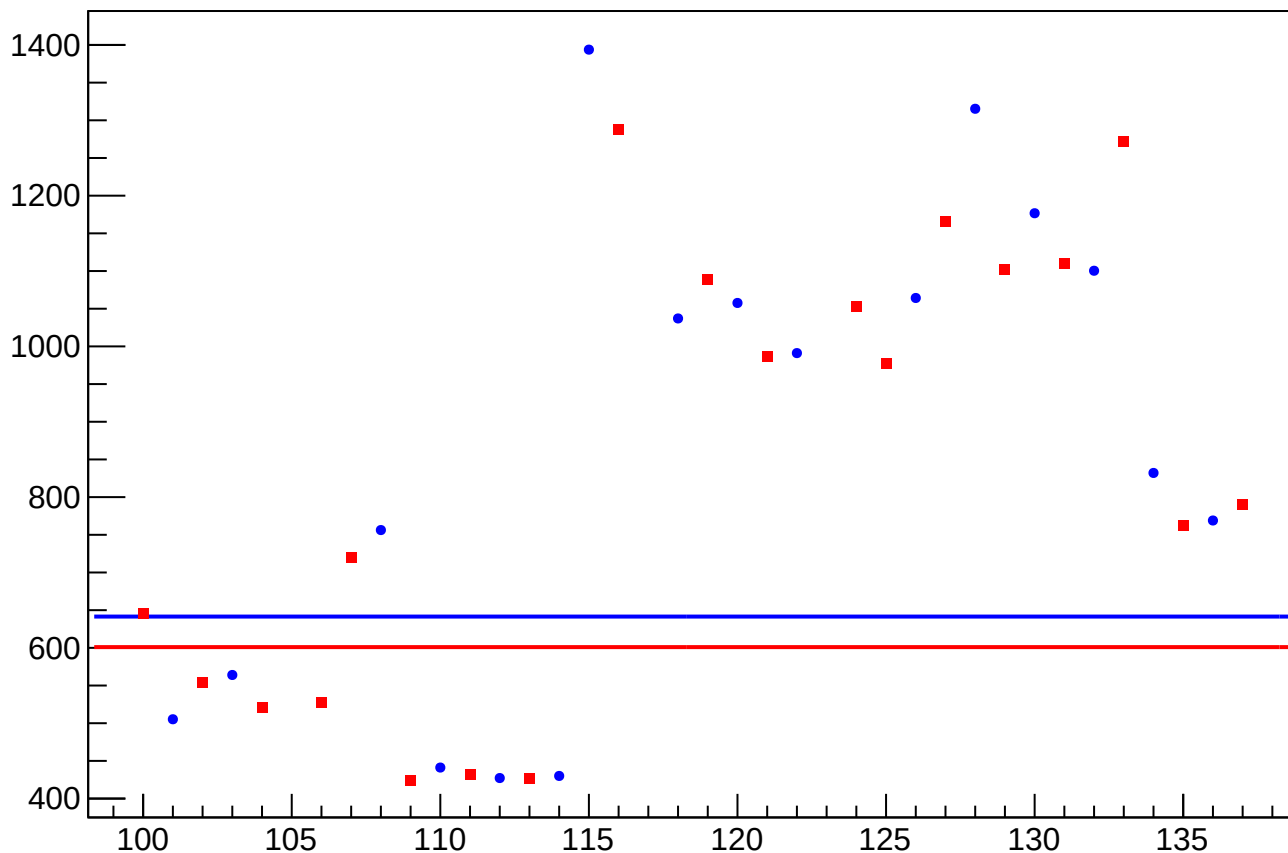
Right: 282.303 ± 174.876 χ^2/NDF : 37.4/34

In: -30.434 ± 257.002 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 282.303 ± 174.876 χ^2/NDF : 37.4/34

asym_sam_1548_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.975+/-0.169 χ^2/NDF : 2077232.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

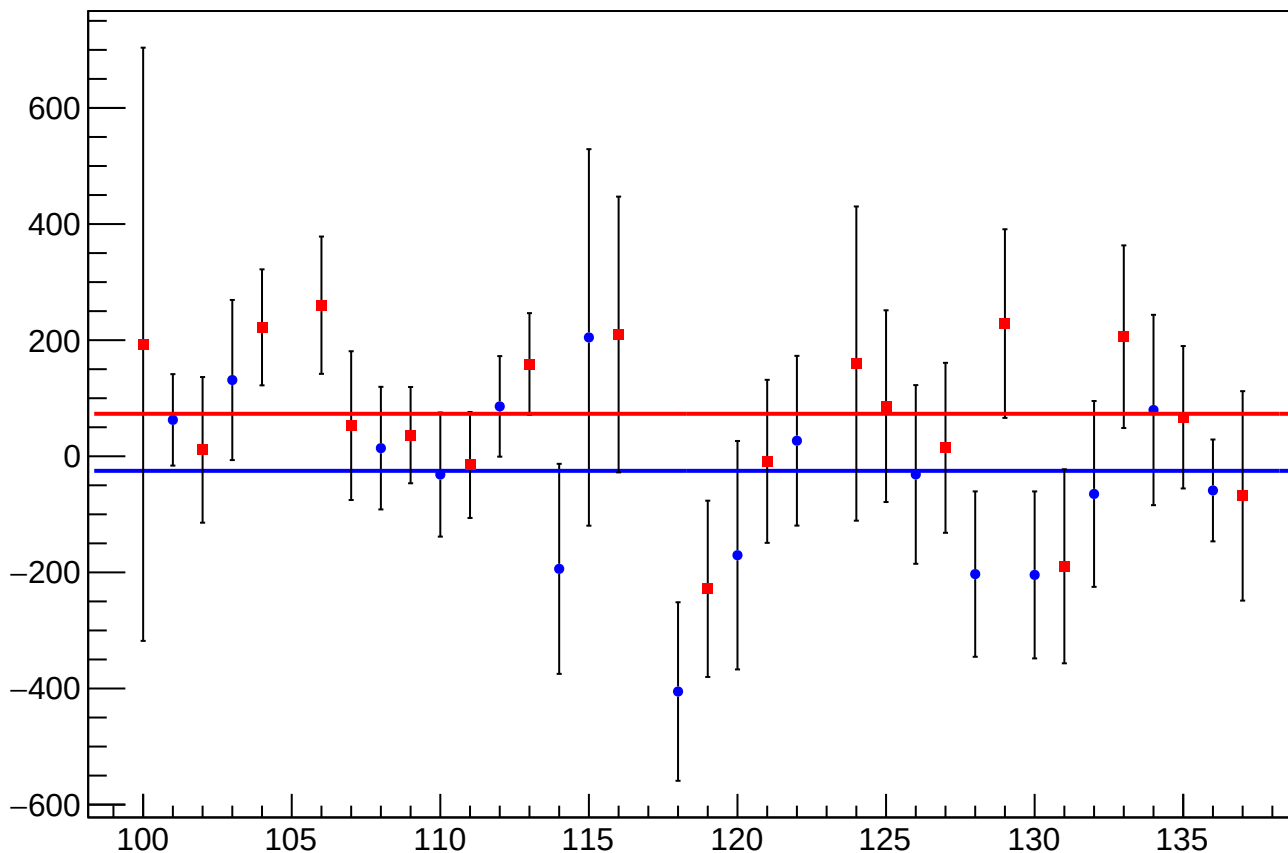
Right: 619.742+/-0.124 χ^2/NDF : 3978895.7/34

In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.742+/-0.124 χ^2/NDF : 3978895.7/34

eigen_cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -25.075+/-31.230 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.193+/-29.937 χ^2/NDF : 16.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

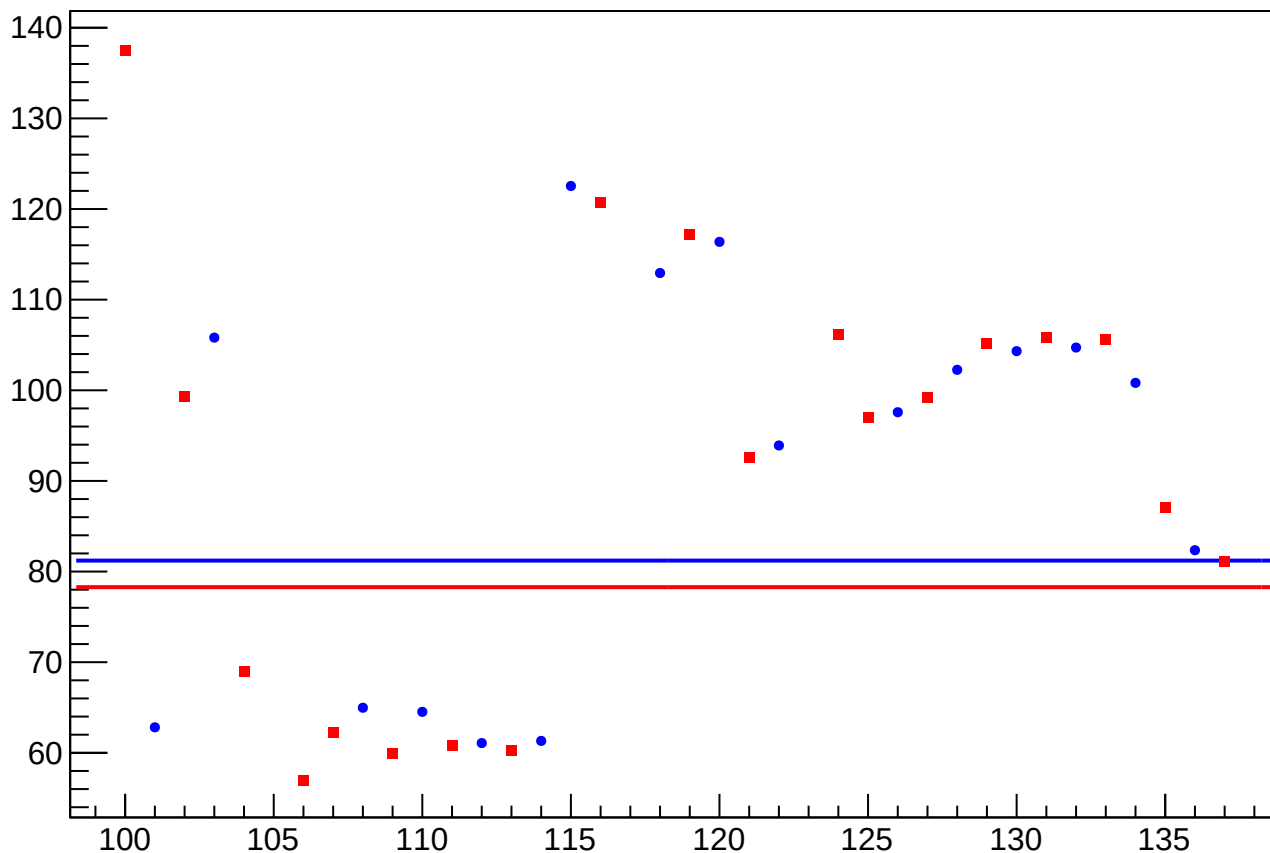
Right: 26.135+/-21.611 χ^2/NDF : 38.1/34

In: -25.075+/-31.230 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.135+/-21.611 χ^2/NDF : 38.1/34

eigen_cor_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.279+/-0.021 χ^2/NDF : 936812.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

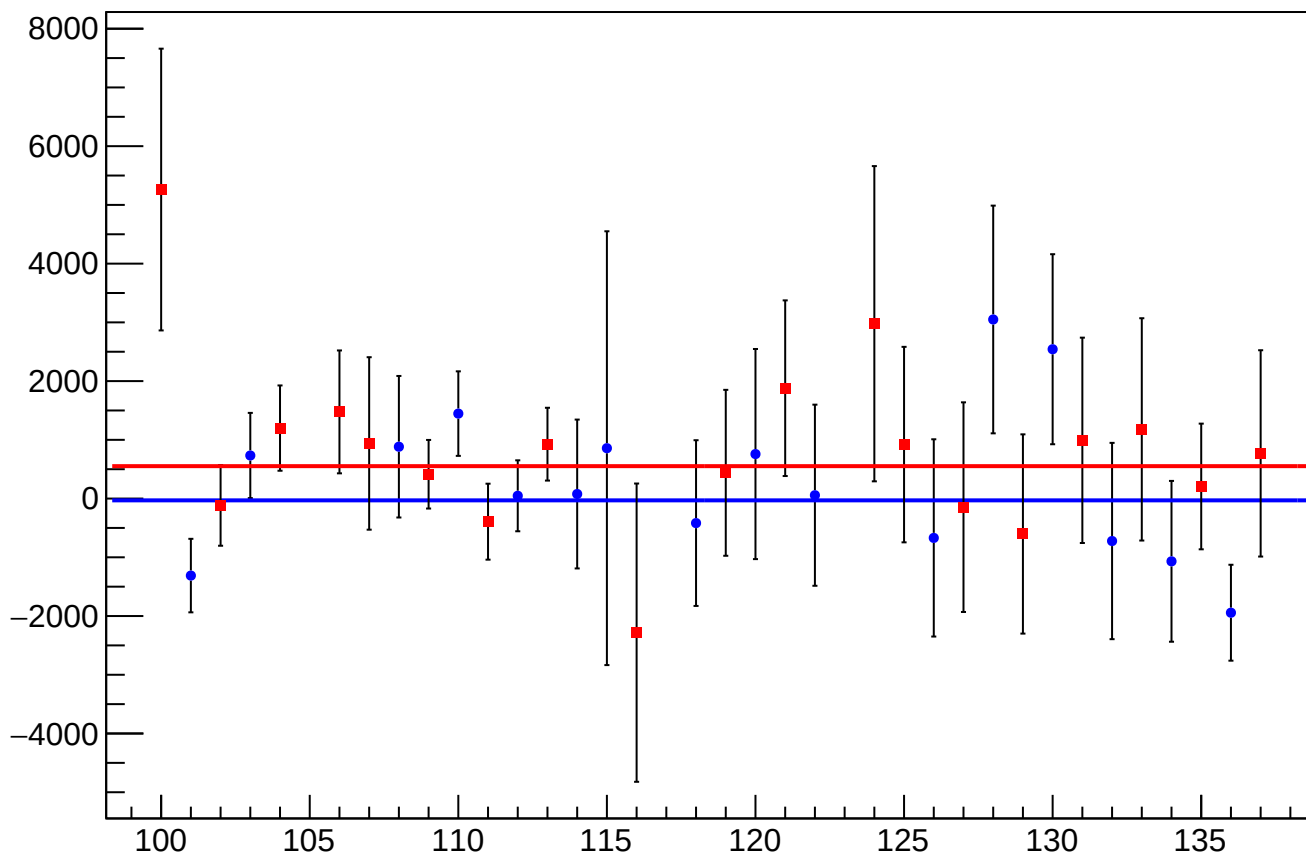
Right: 79.683+/-0.015 χ^2/NDF : 1733667.8/34

In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.683+/-0.015 χ^2/NDF : 1733667.8/34

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -30.434+/-257.002 χ^2/NDF : 21.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 551.948+/-238.640 χ^2/NDF : 12.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

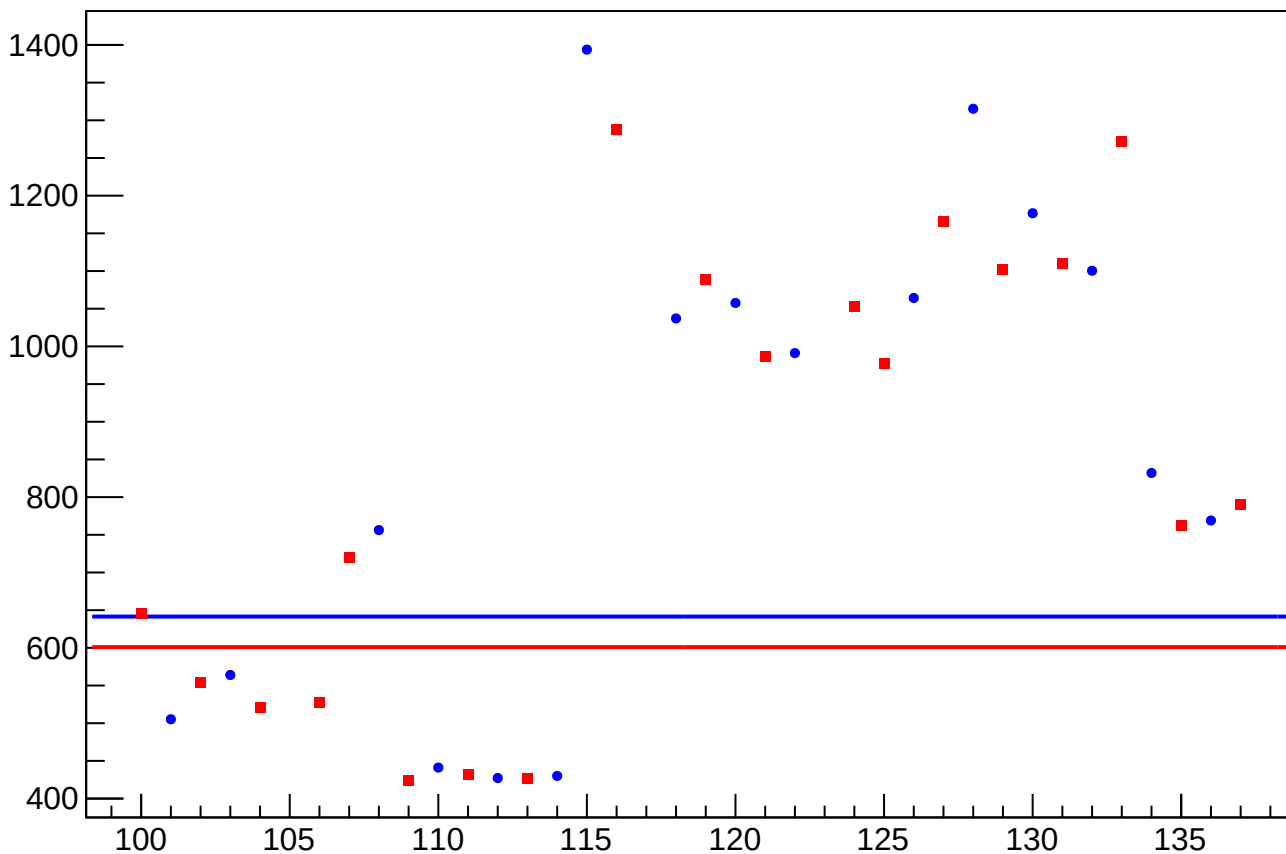
Right: 282.303+/-174.876 χ^2/NDF : 37.4/34

In: -30.434+/-257.002 χ^2/NDF :21.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 282.303+/-174.876 χ^2/NDF : 37.4/34

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.975+/-0.169 χ^2/NDF : 2077232.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

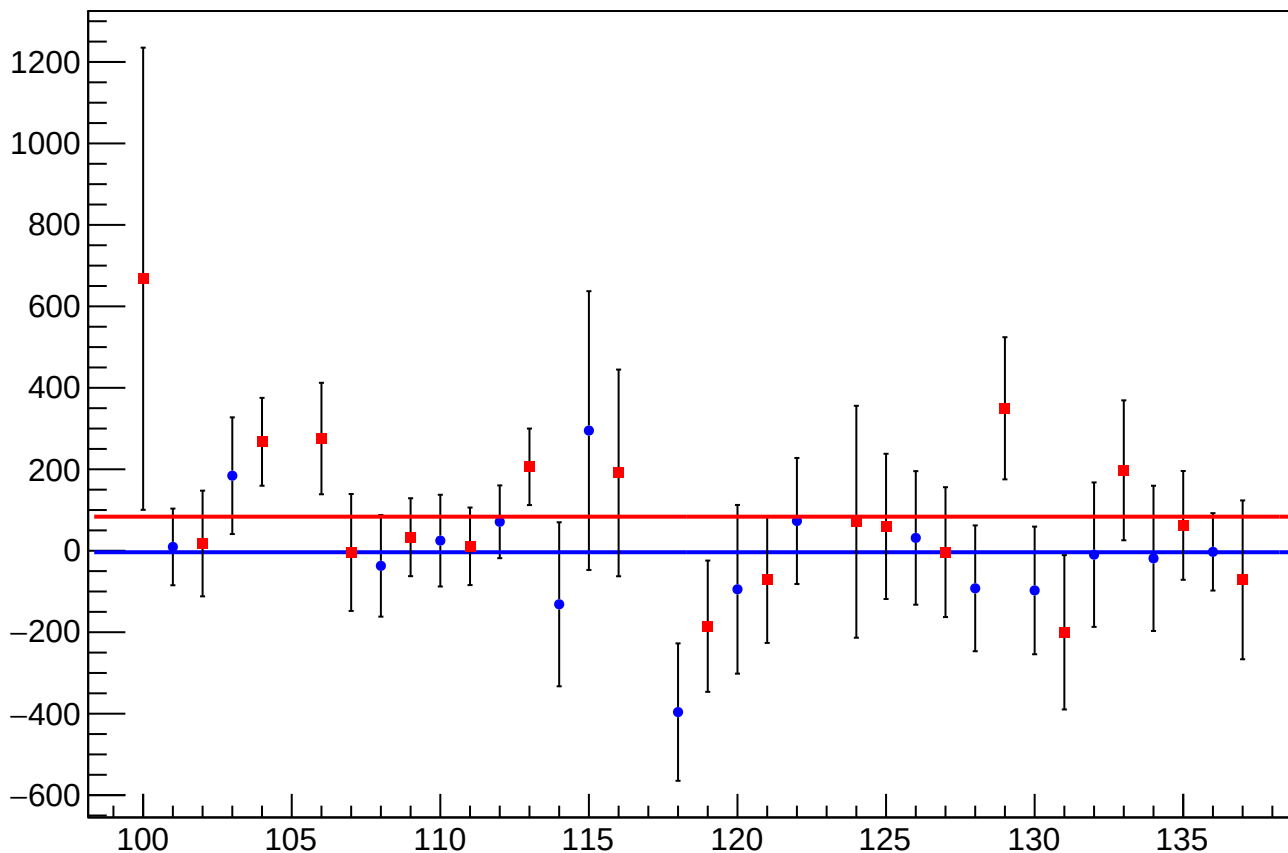
Right: 619.742+/-0.124 χ^2/NDF : 3978895.7/34

In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.742+/-0.124 χ^2/NDF : 3978895.7/34

dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.635 ± 34.152 χ^2/NDF : 10.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 83.676 ± 32.633 χ^2/NDF : 19.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

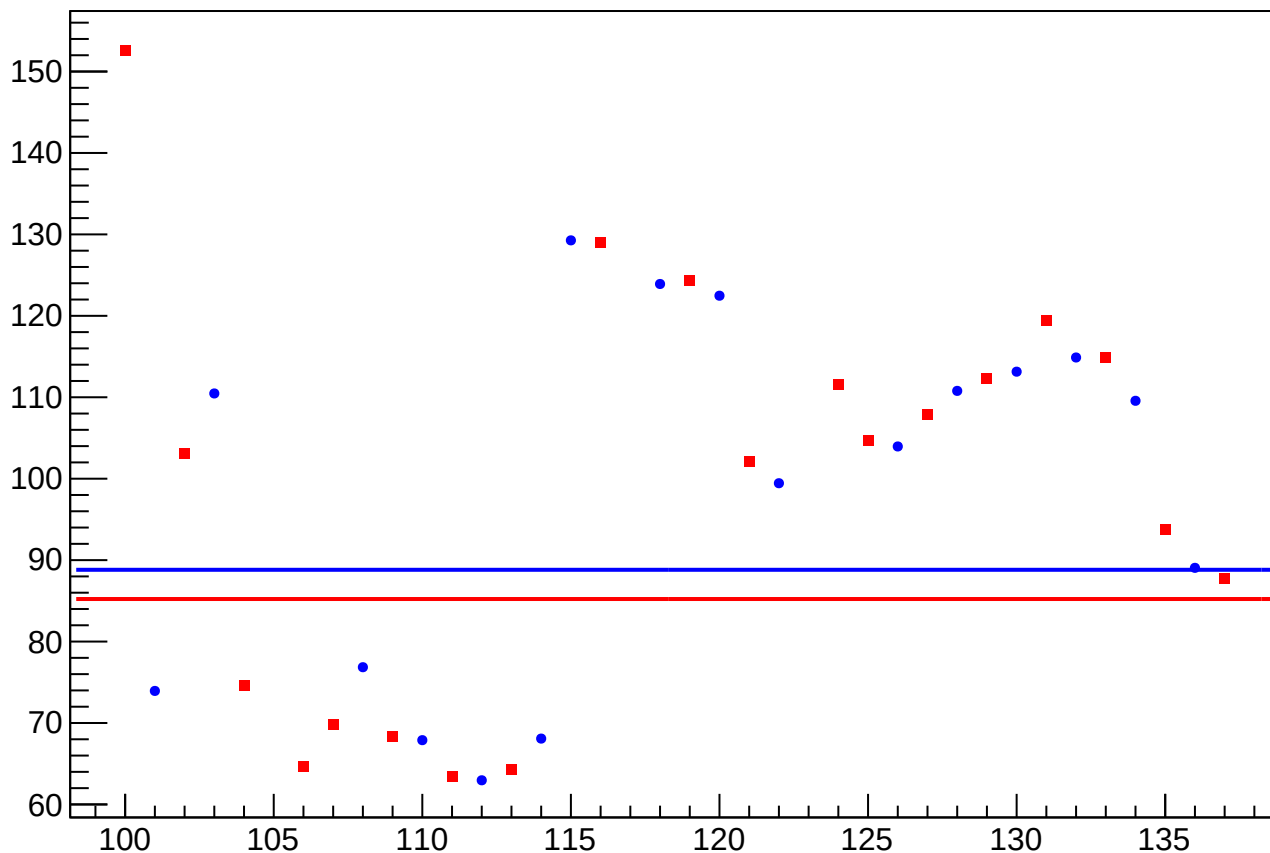
Right: 42.007 ± 23.594 χ^2/NDF : 32.8/34

In: -3.635 ± 34.152 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 42.007 ± 23.594 χ^2/NDF : 32.8/34

dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 88.813+/-0.024 χ^2/NDF : 724609.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.225+/-0.023 χ^2/NDF : 884071.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

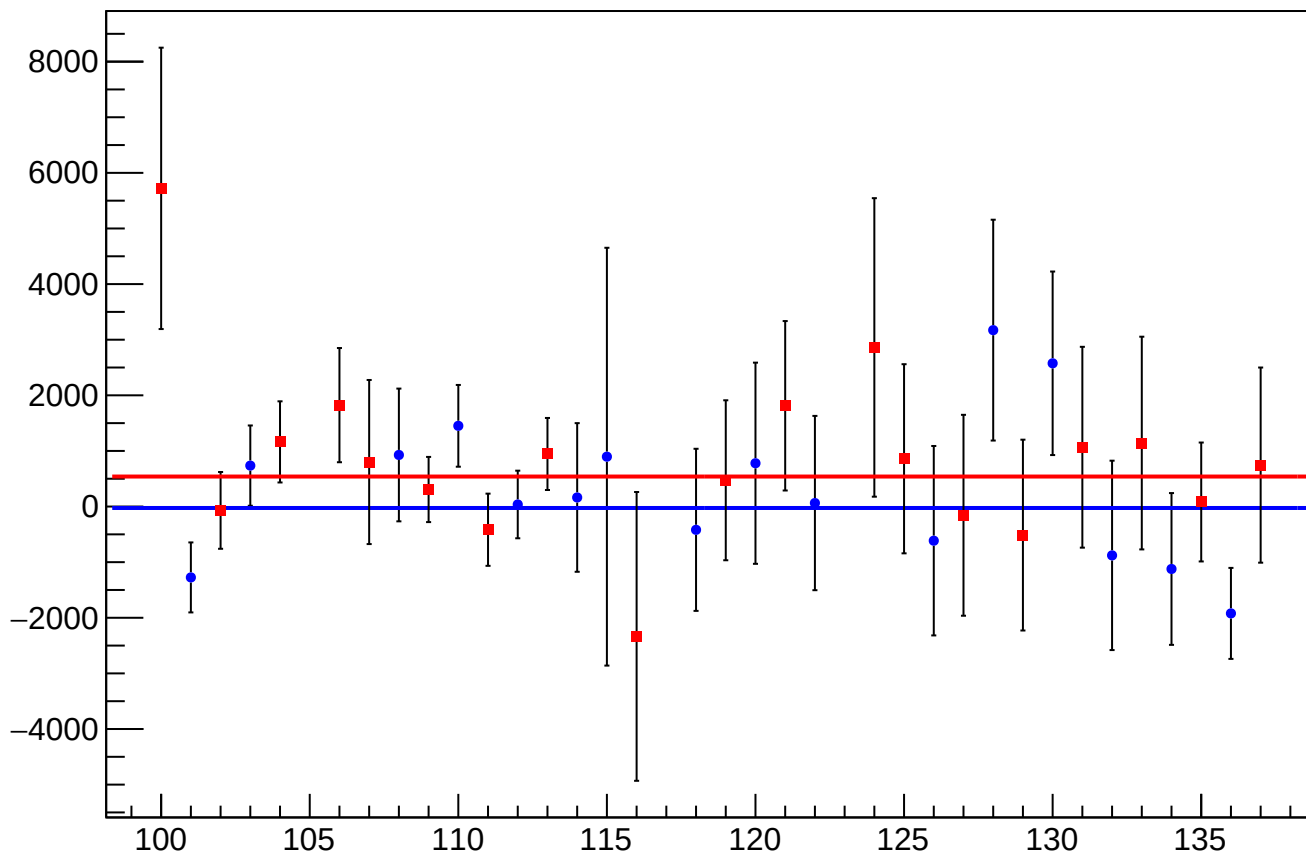
Right: 86.937+/-0.017 χ^2/NDF : 1620225.0/34

In: 88.813+/-0.024 χ^2/NDF : 724609.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.937+/-0.017 χ^2/NDF : 1620225.0/34

asym_sam_1548_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 539.635 ± 241.238 χ^2/NDF : 13.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

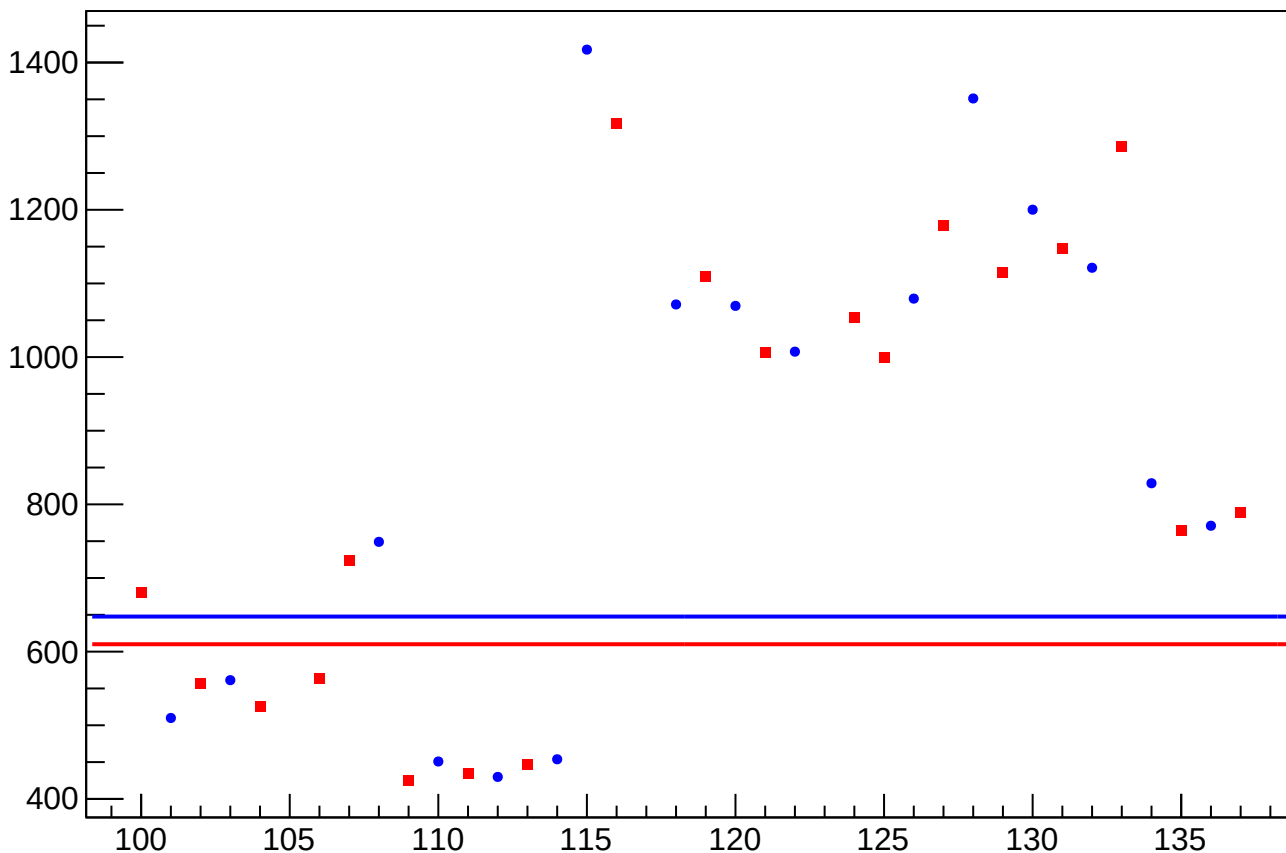
Right: 277.418 ± 176.654 χ^2/NDF : 37.7/34

In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 277.418 ± 176.654 χ^2/NDF : 37.7/34

asym_sam_1548_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.641+/-0.183 χ^2/NDF : 1887815.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.061+/-0.171 χ^2/NDF : 2074248.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

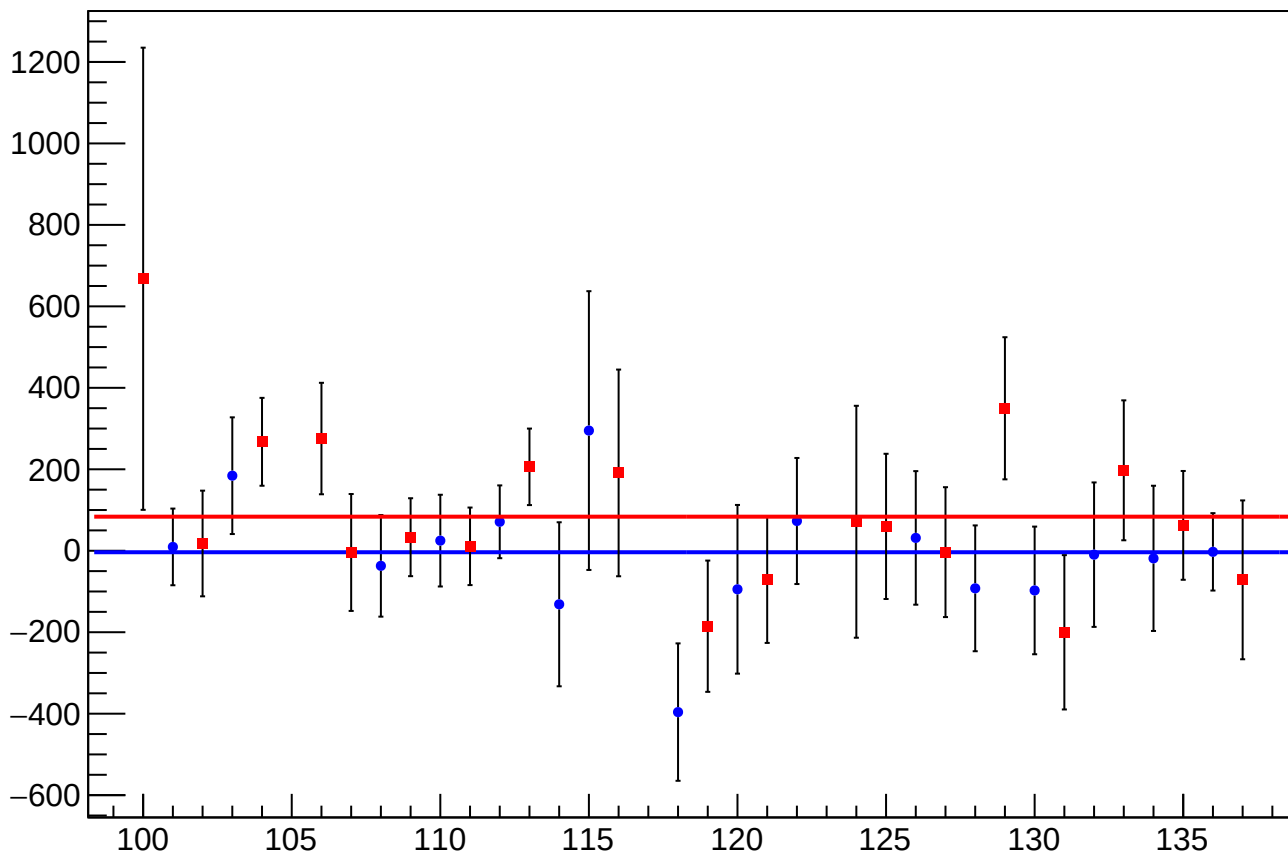
Right: 627.489+/-0.125 χ^2/NDF : 3984572.9/34

In: 647.641+/-0.183 χ^2/NDF : 1887815.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.489+/-0.125 χ^2/NDF : 3984572.9/34

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.633+/-34.152 χ^2/NDF : 10.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.676+/-32.633 χ^2/NDF : 19.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

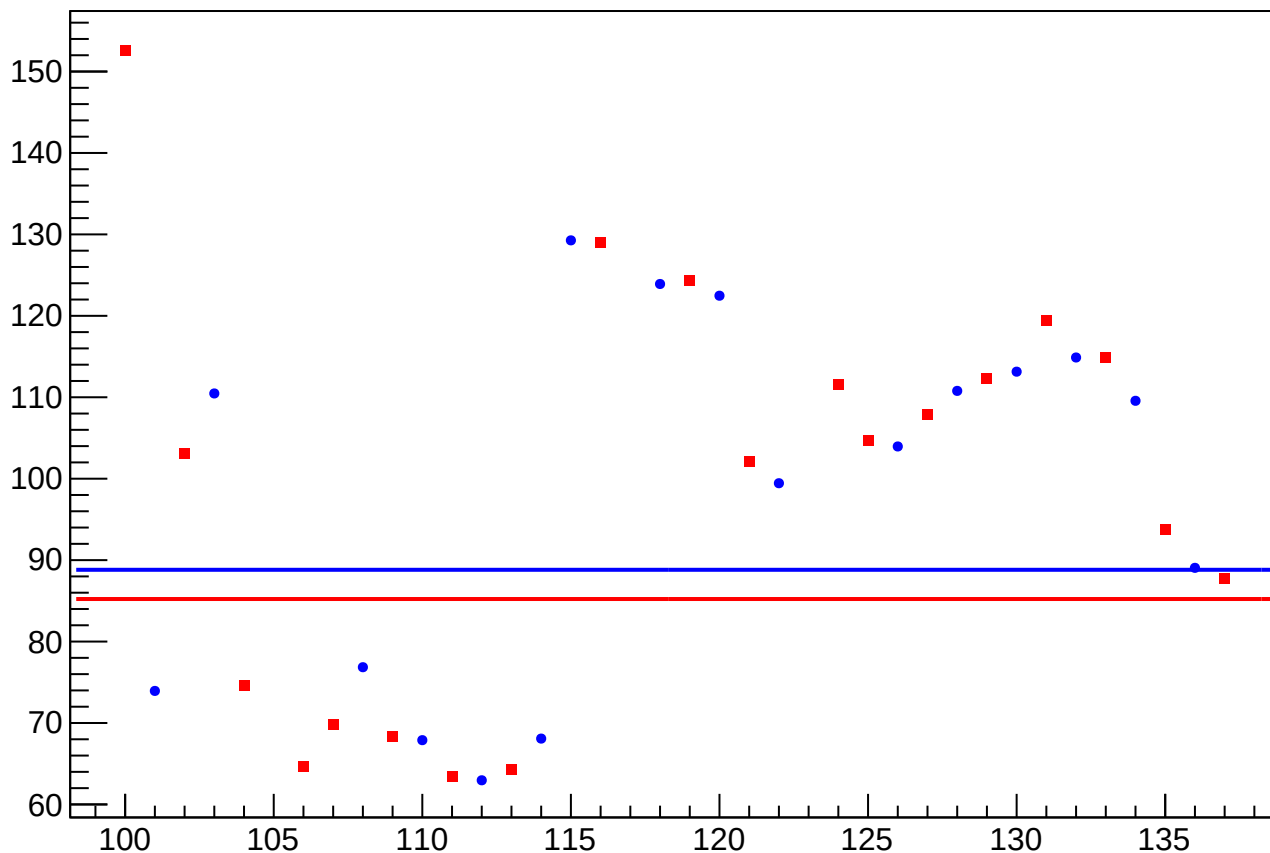
Right: 42.007+/-23.594 χ^2/NDF : 32.8/34

In: -3.633+/-34.152 χ^2/NDF : 10.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.007+/-23.594 χ^2/NDF : 32.8/34

eigen_dit_asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 88.813+/-0.024 χ^2/NDF : 724609.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.225+/-0.023 χ^2/NDF : 884073.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

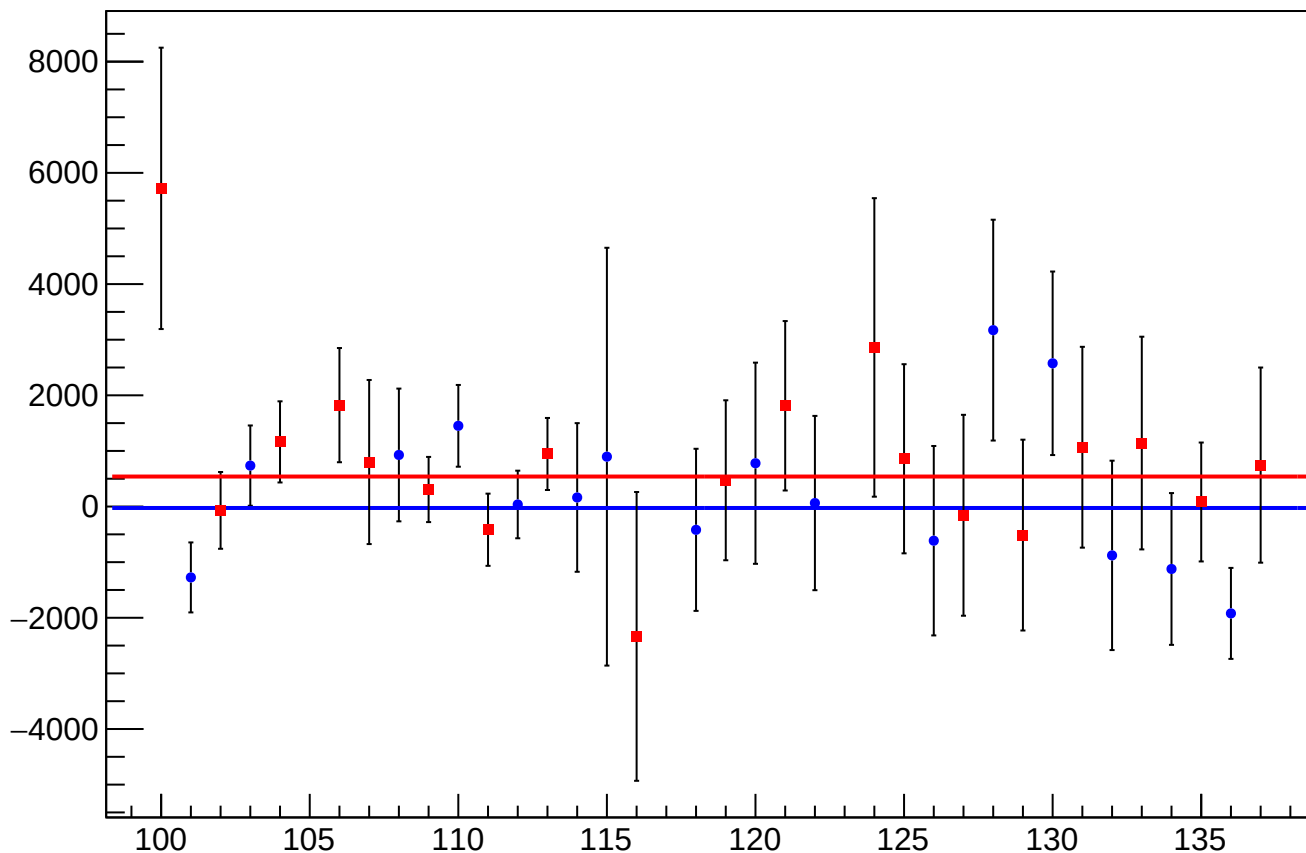
Right: 86.937+/-0.017 χ^2/NDF : 1620226.9/34

In: 88.813+/-0.024 χ^2/NDF : 724609.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.937+/-0.017 χ^2/NDF : 1620226.9/34

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 539.635 ± 241.238 χ^2/NDF : 13.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

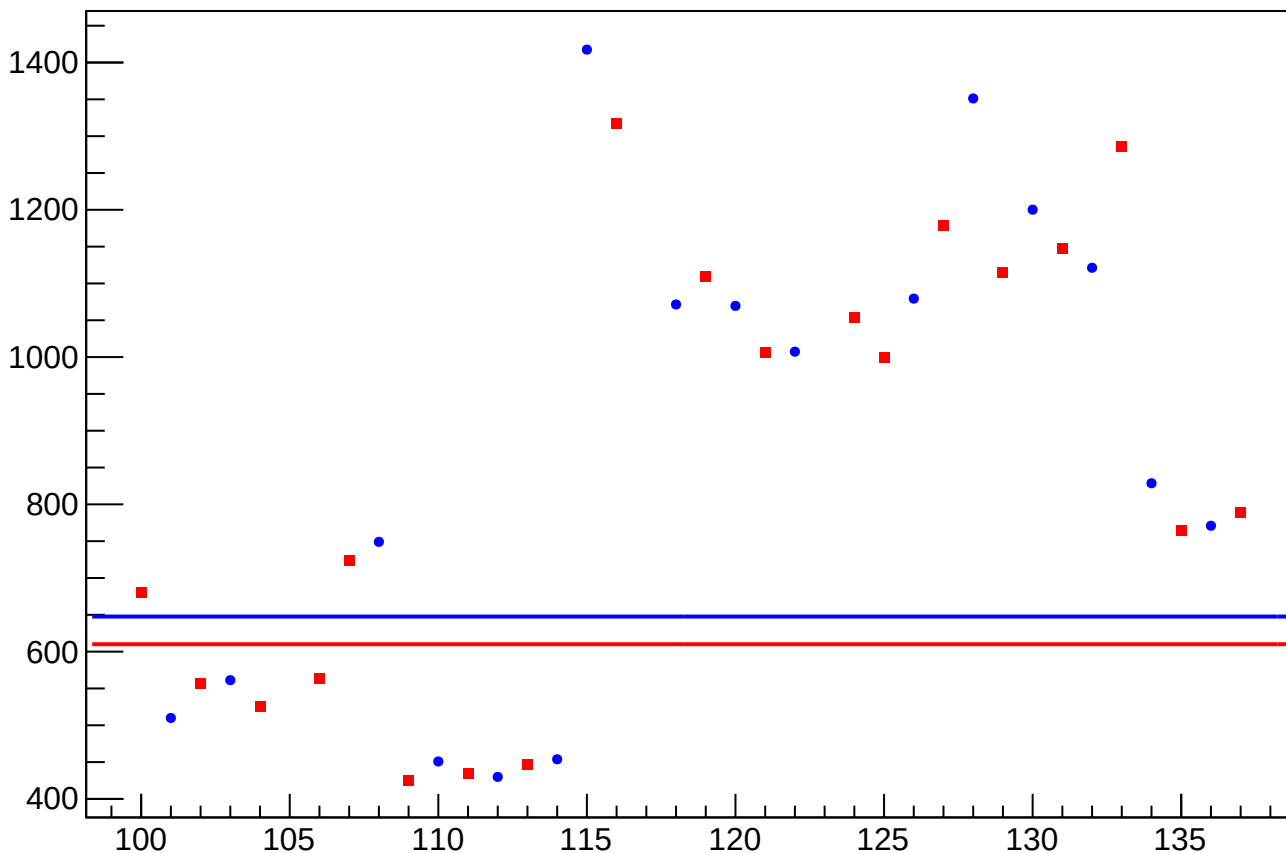
Right: 277.418 ± 176.653 χ^2/NDF : 37.7/34

In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 277.418 ± 176.653 χ^2/NDF : 37.7/34

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 647.640+/-0.183 χ^2/NDF : 1887820.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 610.060+/-0.171 χ^2/NDF : 2074251.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

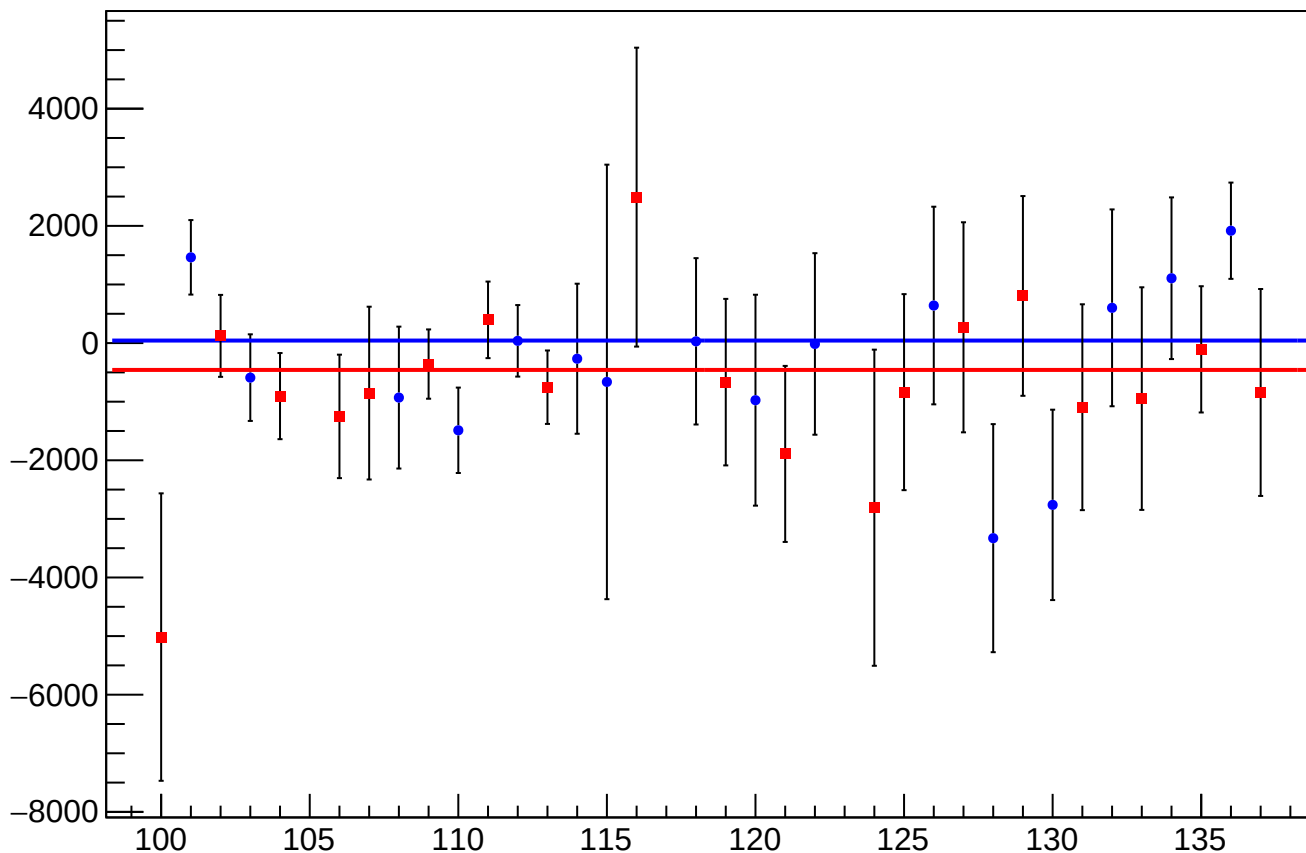
Right: 627.488+/-0.125 χ^2/NDF : 3984580.5/34

In: 647.640+/-0.183 χ^2/NDF : 1887820.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.488+/-0.125 χ^2/NDF : 3984580.5/34

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 43.152 ± 259.796 $\chi^2/\text{NDF}: 23.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -458.111 ± 241.118 $\chi^2/\text{NDF}: 11.3/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

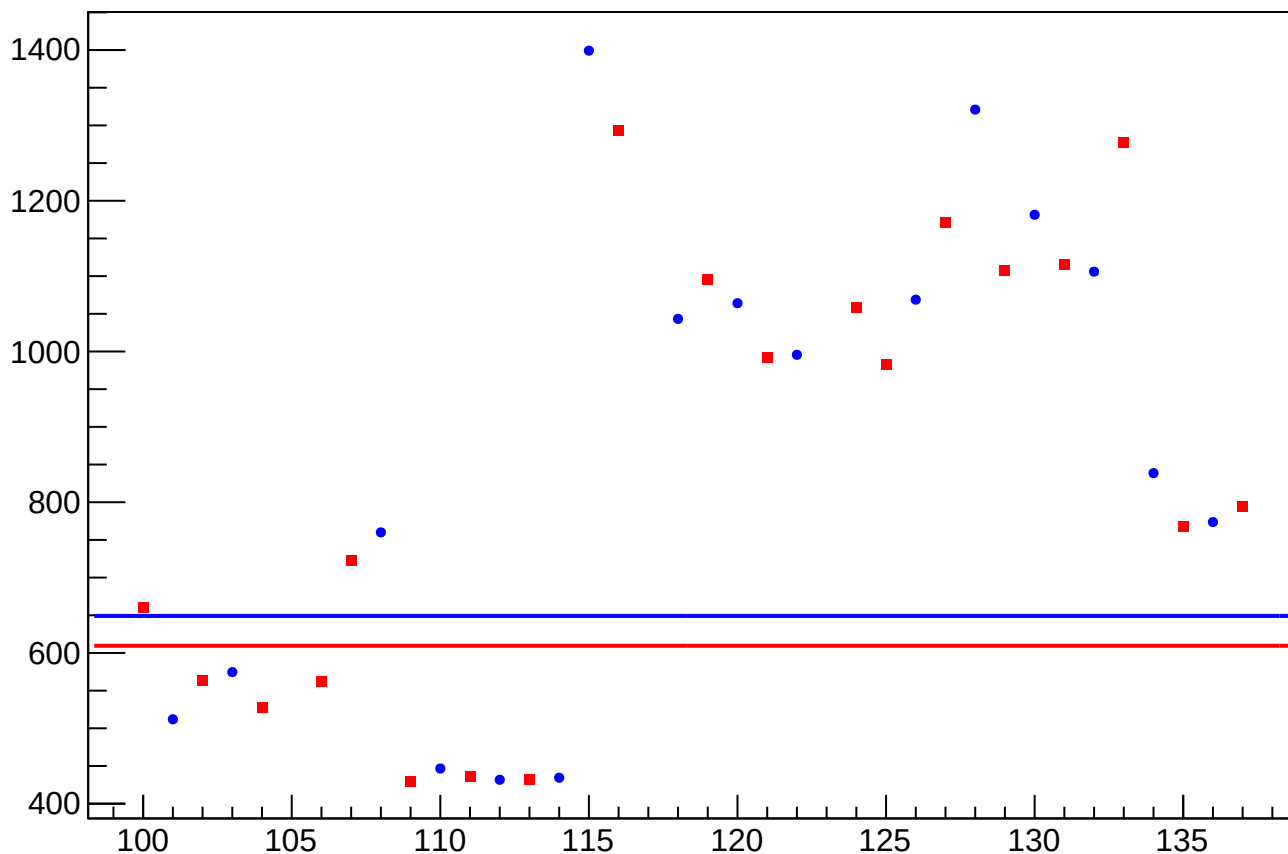
Right: -226.145 ± 176.731 $\chi^2/\text{NDF}: 36.5/34$

In: 43.152 ± 259.796 $\chi^2/\text{NDF}: 23.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -226.145 ± 176.731 $\chi^2/\text{NDF}: 36.5/34$

asym_sam_1548_avg_rms vs Slug, Sign Corrected



Right In: 649.091+/-0.184 χ^2/NDF : 1845815.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 609.516+/-0.170 χ^2/NDF : 2043591.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

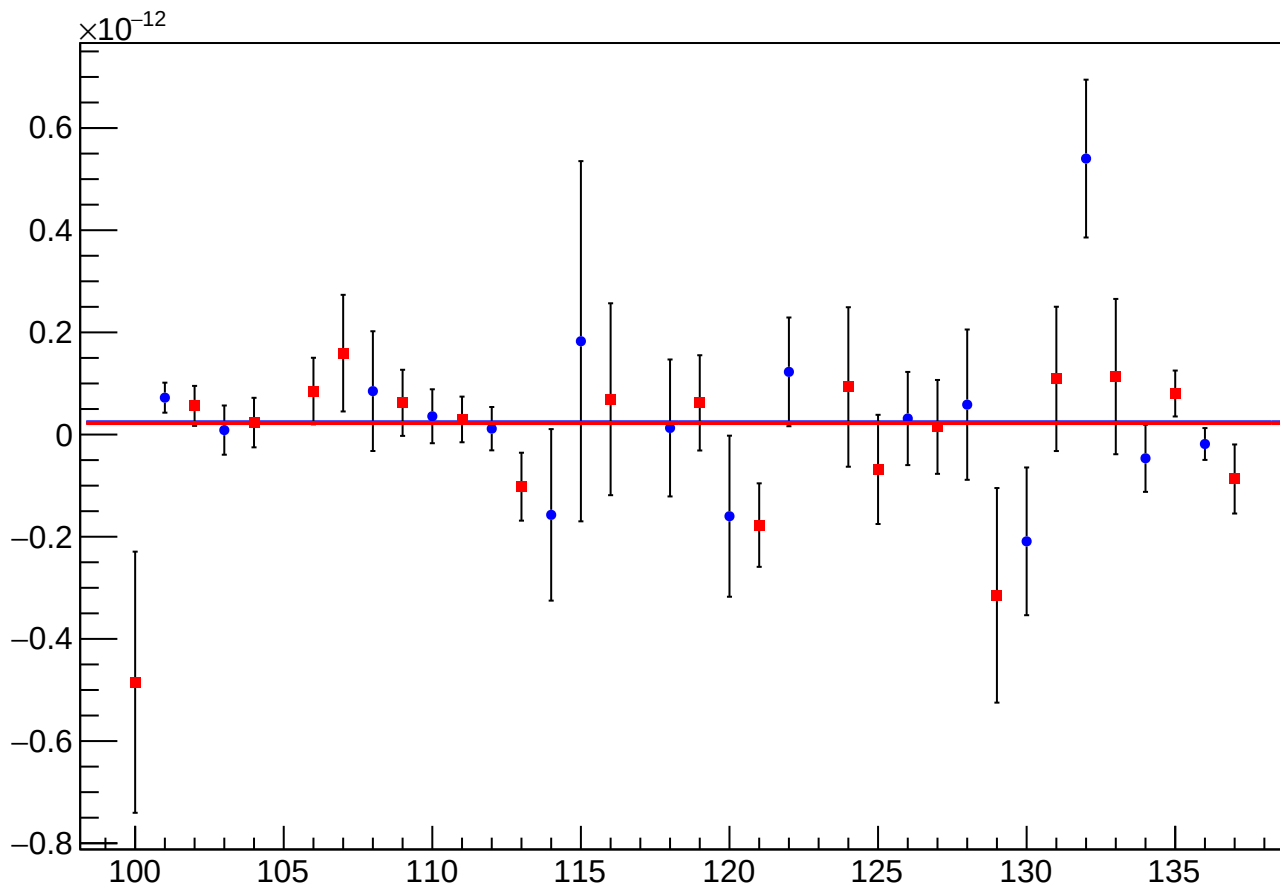
Right: 627.830+/-0.125 χ^2/NDF : 3914338.8/34

In: 649.091+/-0.184 χ^2/NDF : 1845815.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 627.830+/-0.125 χ^2/NDF : 3914338.8/34

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

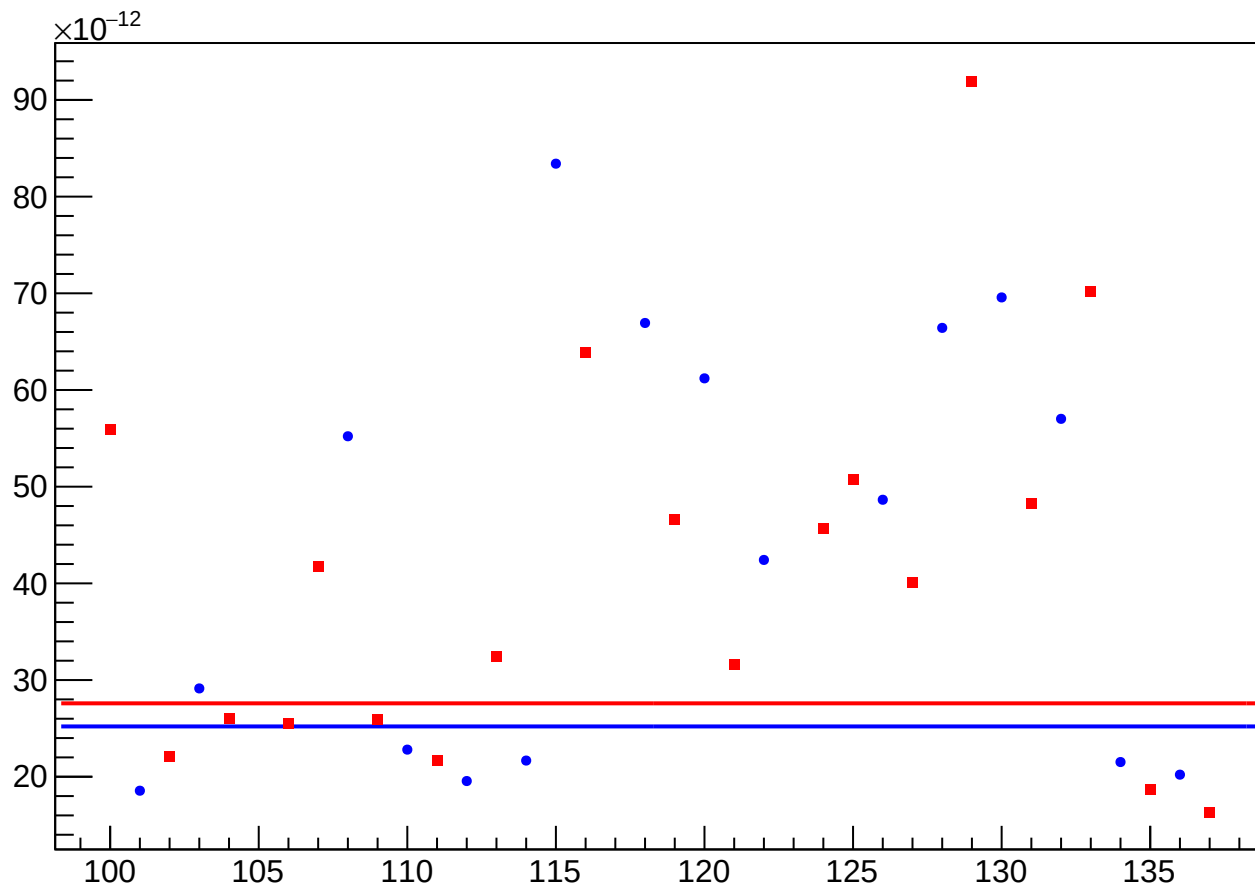
Right: 0.000+/-0.000 χ^2/NDF : 49.3/34

In: 0.000+/-0.000 χ^2/NDF : 23.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 49.3/34

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1312245.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 988490.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

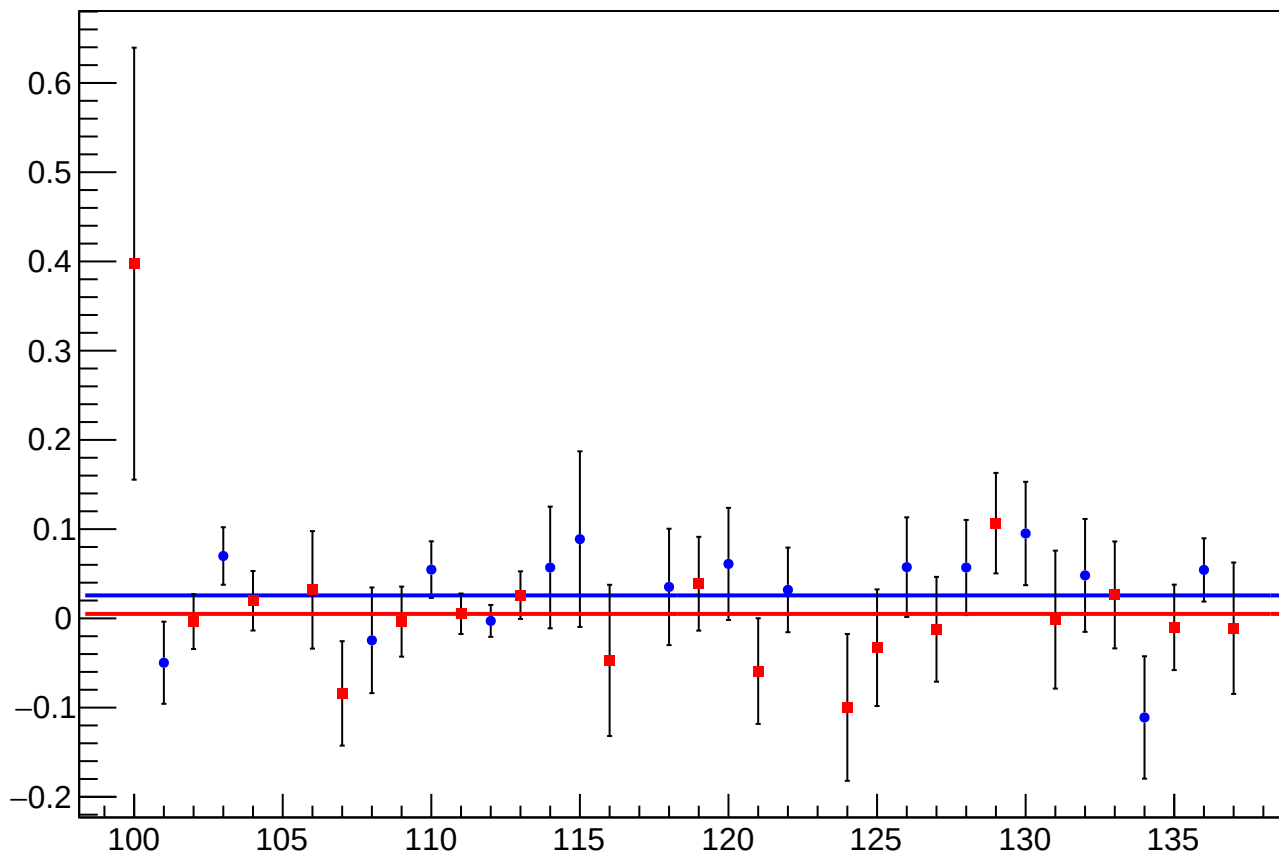
Right: 0.000+/-0.000 χ^2/NDF : 2323625.0/34

In: 0.000+/-0.000 χ^2/NDF : 1312245.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2323625.0/34

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.010 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

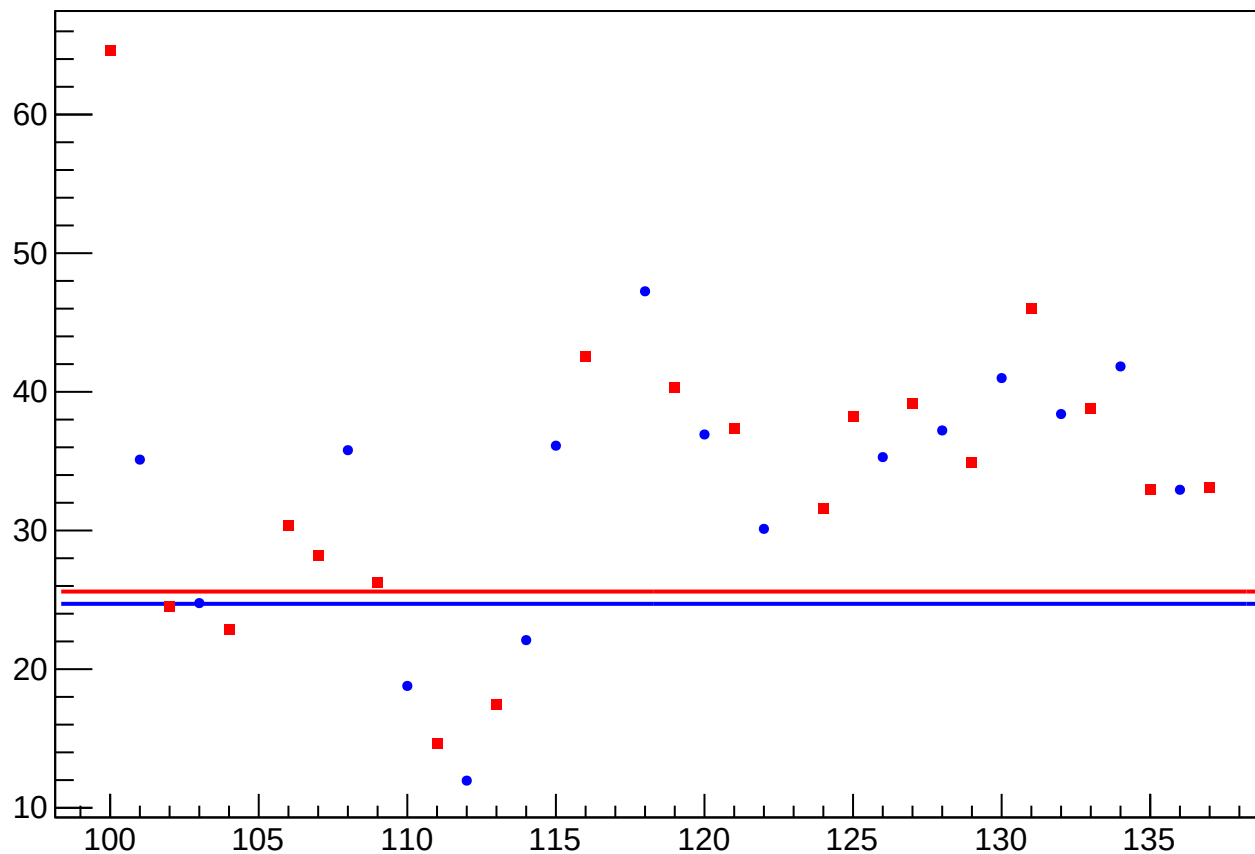
Right: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

In: 0.026 $\pm$ 0.010 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712 $\pm$ 0.007 χ^2 /NDF: 2295174.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.597 $\pm$ 0.007 χ^2 /NDF: 1605235.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

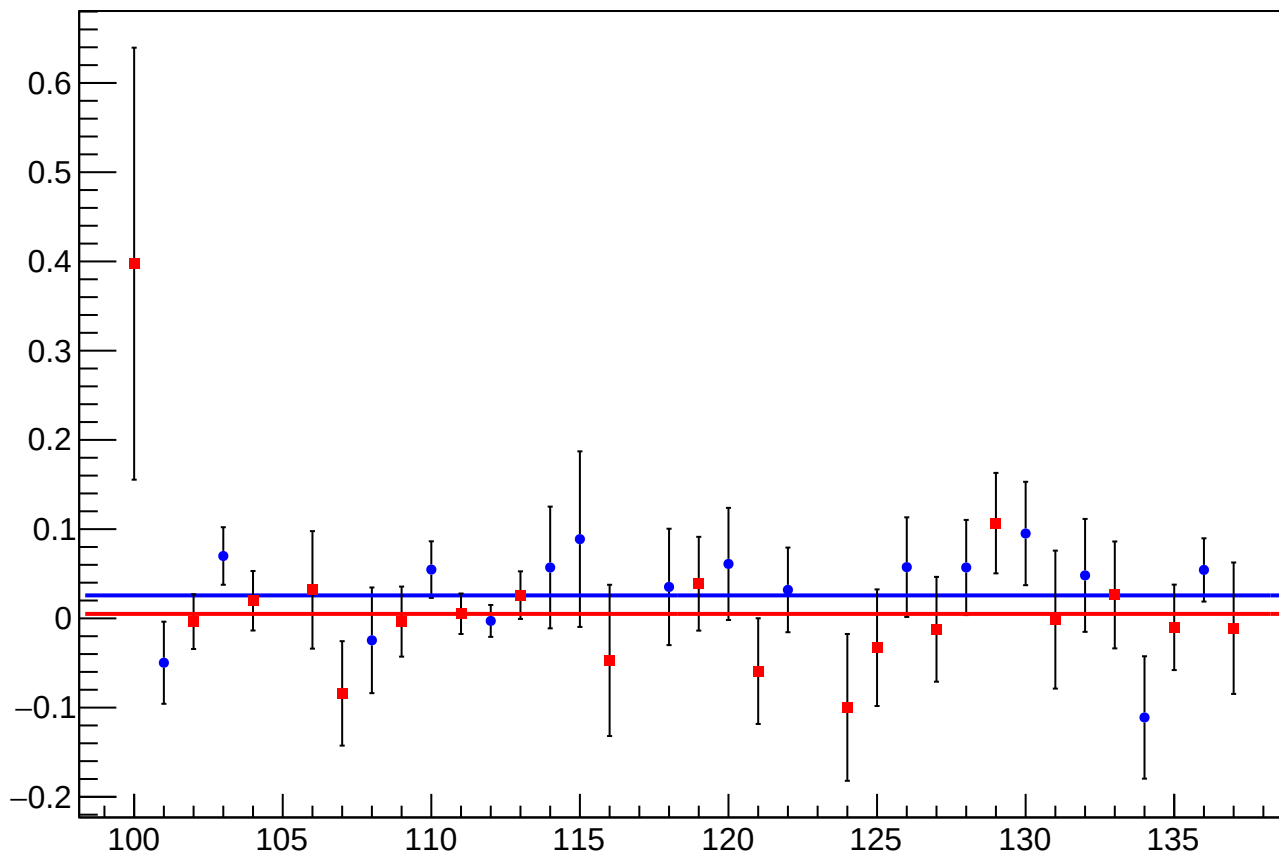
Right: 25.155 $\pm$ 0.005 χ^2 /NDF: 3907717.2/34

In: 24.712 $\pm$ 0.007 χ^2 /NDF:2295174.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.155 $\pm$ 0.005 χ^2 /NDF: 3907717.2/34

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.010 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

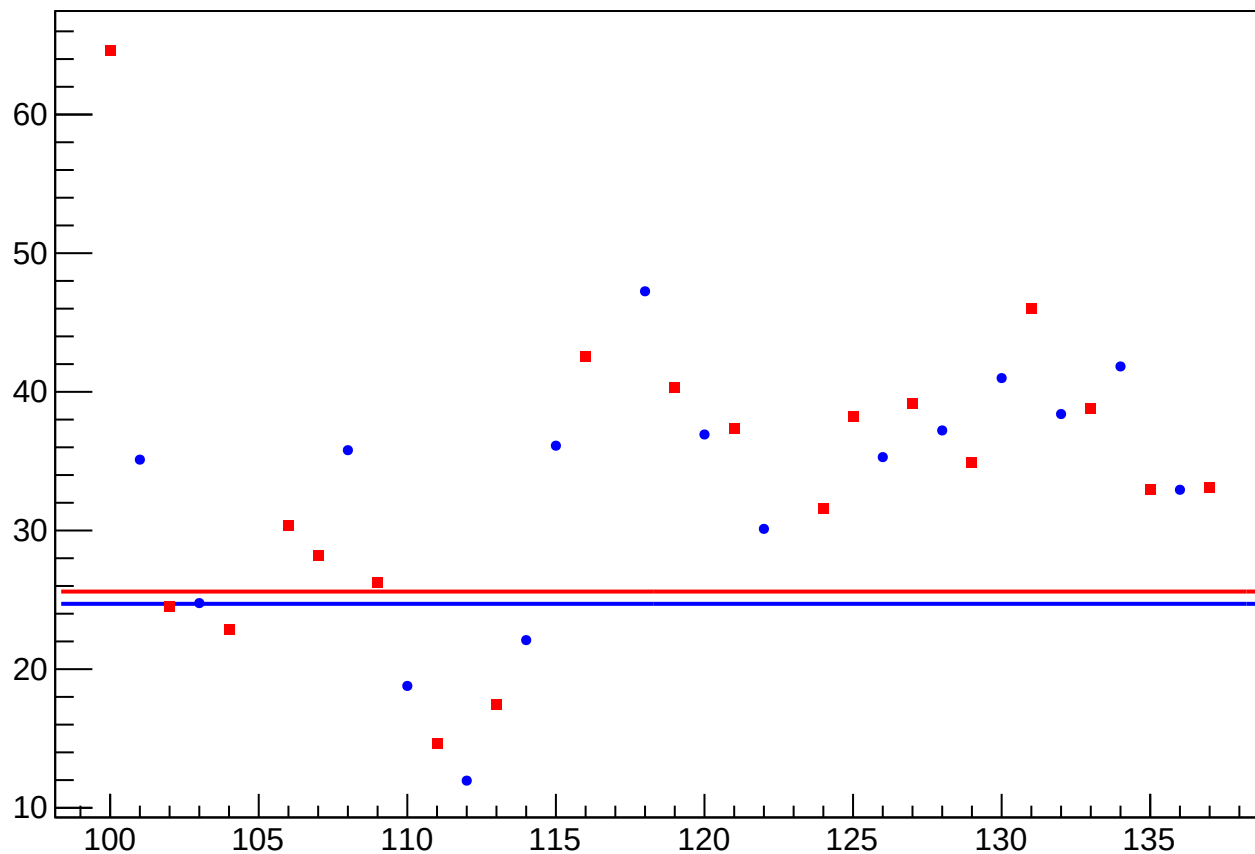
Right: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

In: 0.026 $\pm$ 0.010 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712 $\pm$ 0.007 χ^2 /NDF: 2295174.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.597 $\pm$ 0.007 χ^2 /NDF: 1605235.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

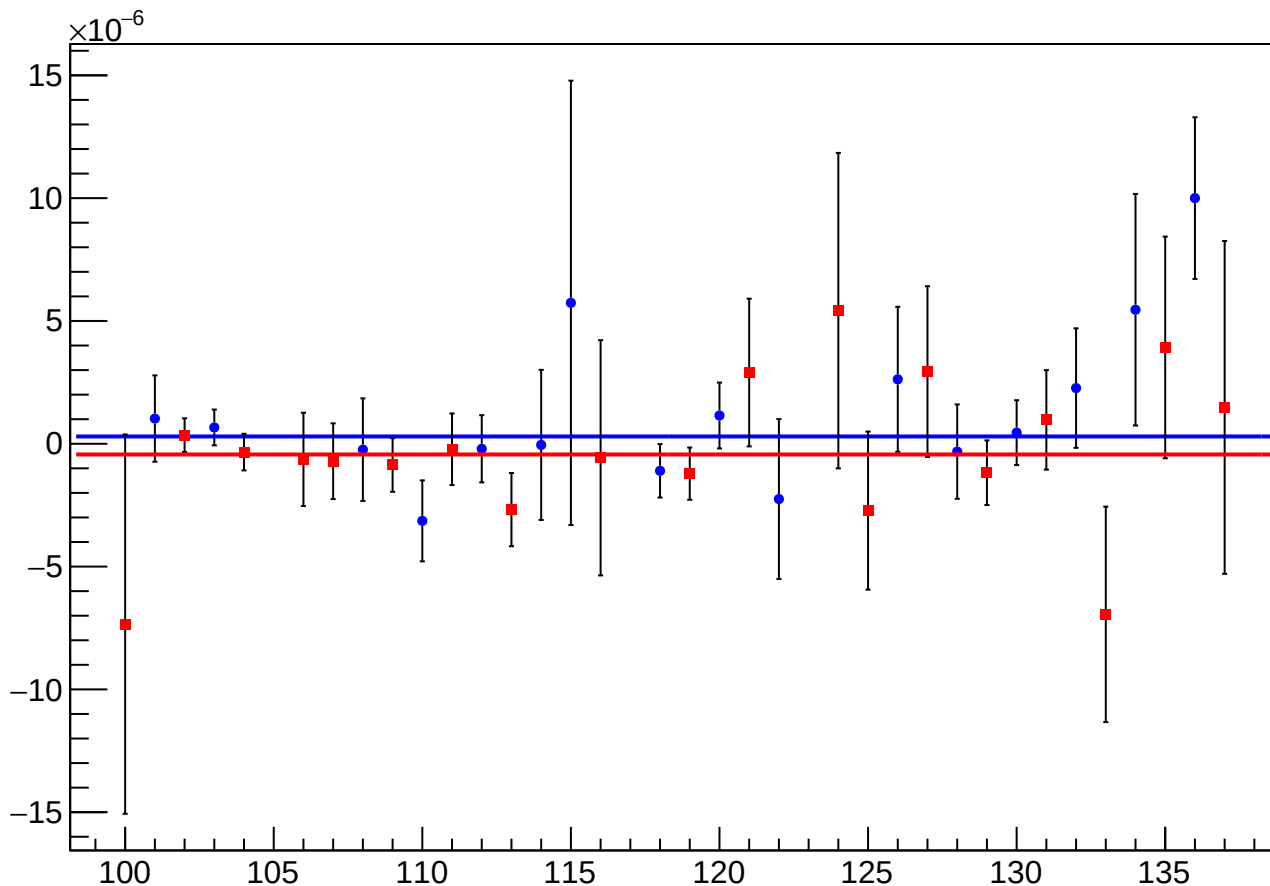
Right: 25.155 $\pm$ 0.005 χ^2 /NDF: 3907717.2/34

In: 24.712 $\pm$ 0.007 χ^2 /NDF:2295174.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.155 $\pm$ 0.005 χ^2 /NDF: 3907717.2/34

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 19.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

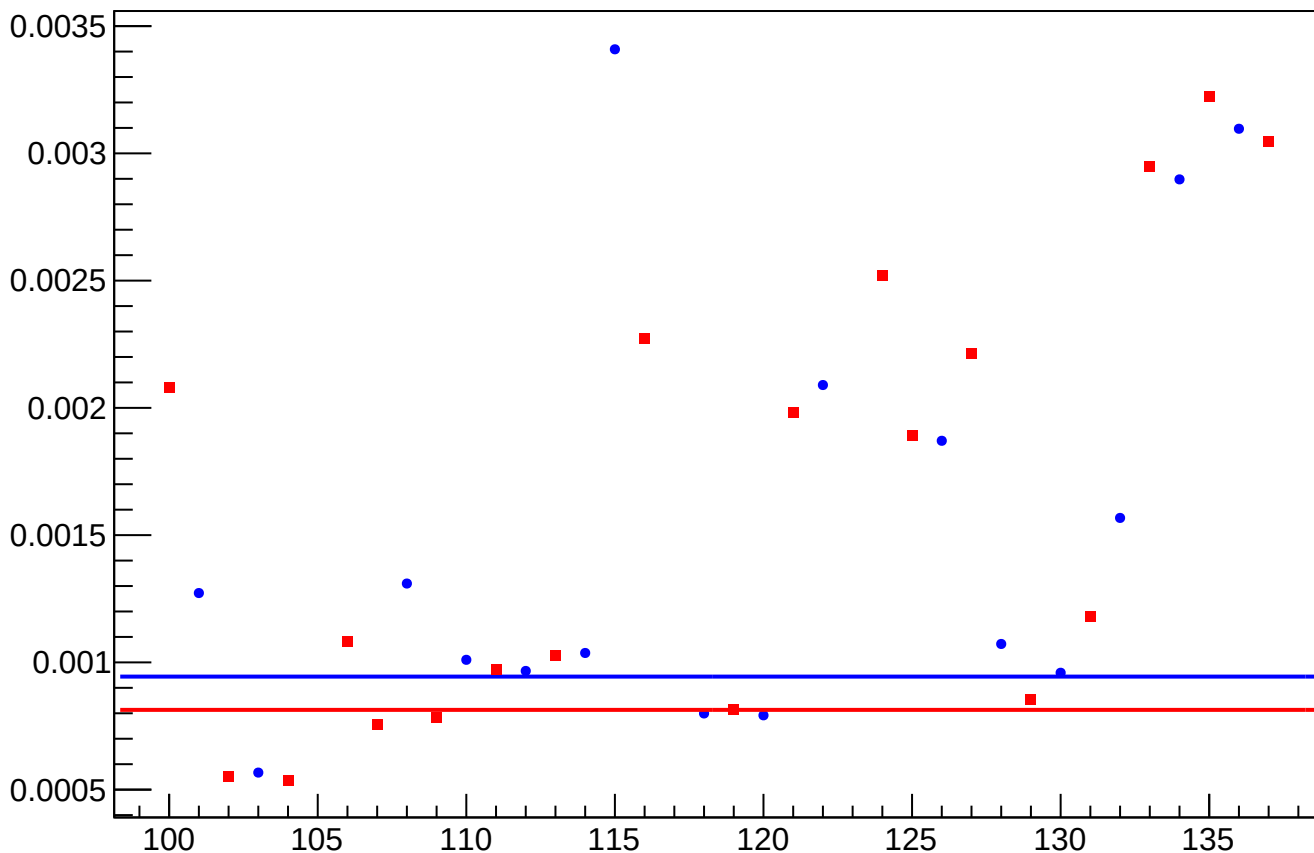
Right: -0.000+/-0.000 χ^2/NDF : 33.9/34

In: 0.000+/-0.000 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.9/34

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2665853.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3244147.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

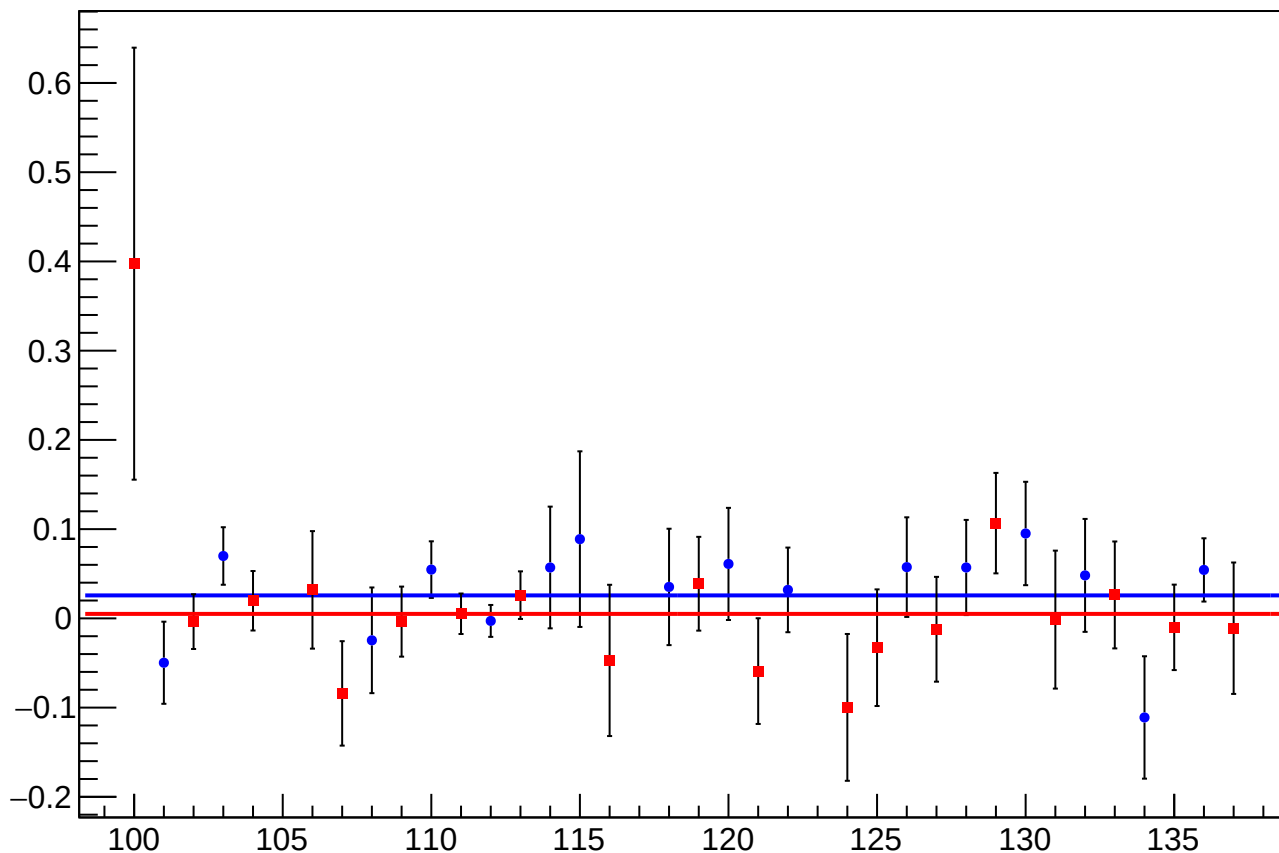
Right: 0.001+/-0.000 χ^2/NDF : 6033376.9/34

In: 0.001+/-0.000 χ^2/NDF :2665853.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6033376.9/34

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.010 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.010 χ^2/NDF : 13.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

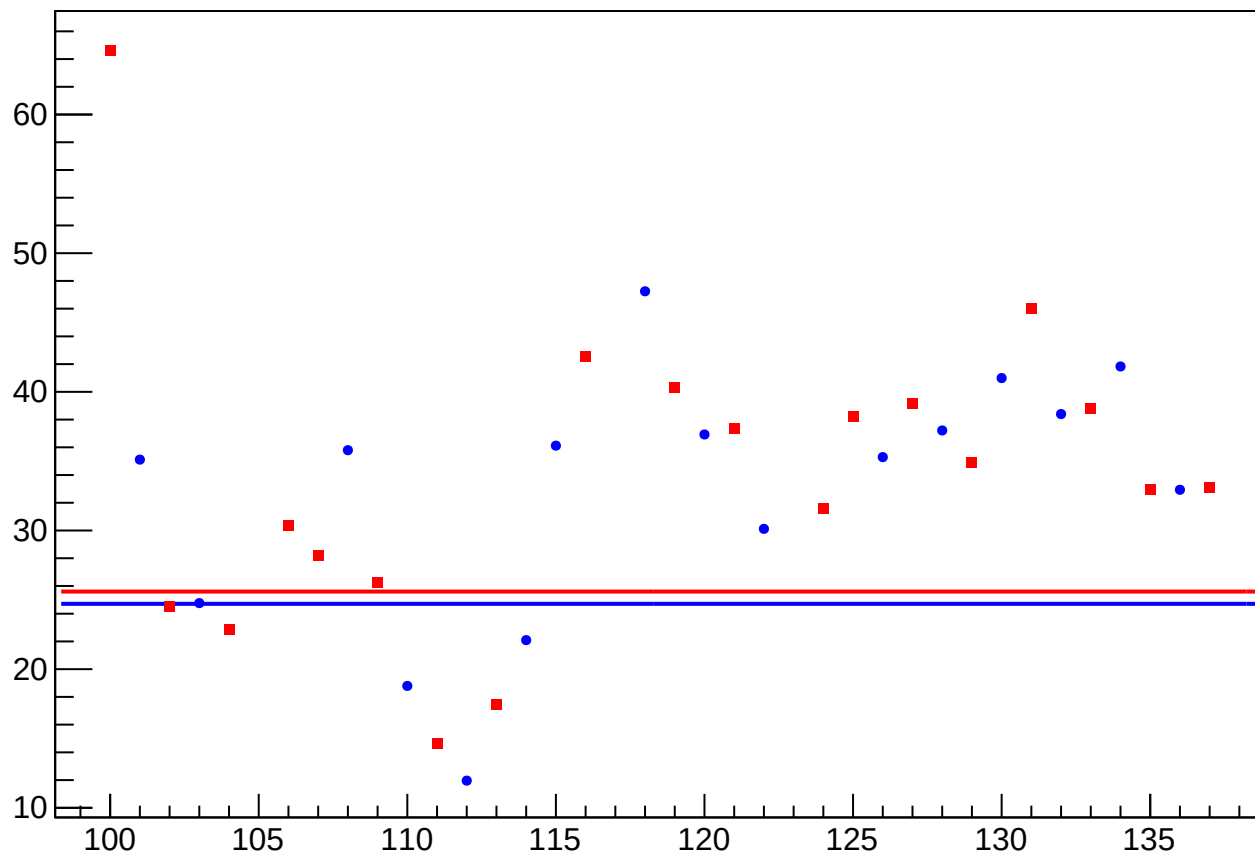
Right: 0.015+/-0.007 χ^2/NDF : 32.1/34

In: 0.026+/-0.010 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.007 χ^2/NDF : 32.1/34

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712 $\pm$ 0.007 χ^2 /NDF: 2295351.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.597 $\pm$ 0.007 χ^2 /NDF: 1605387.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

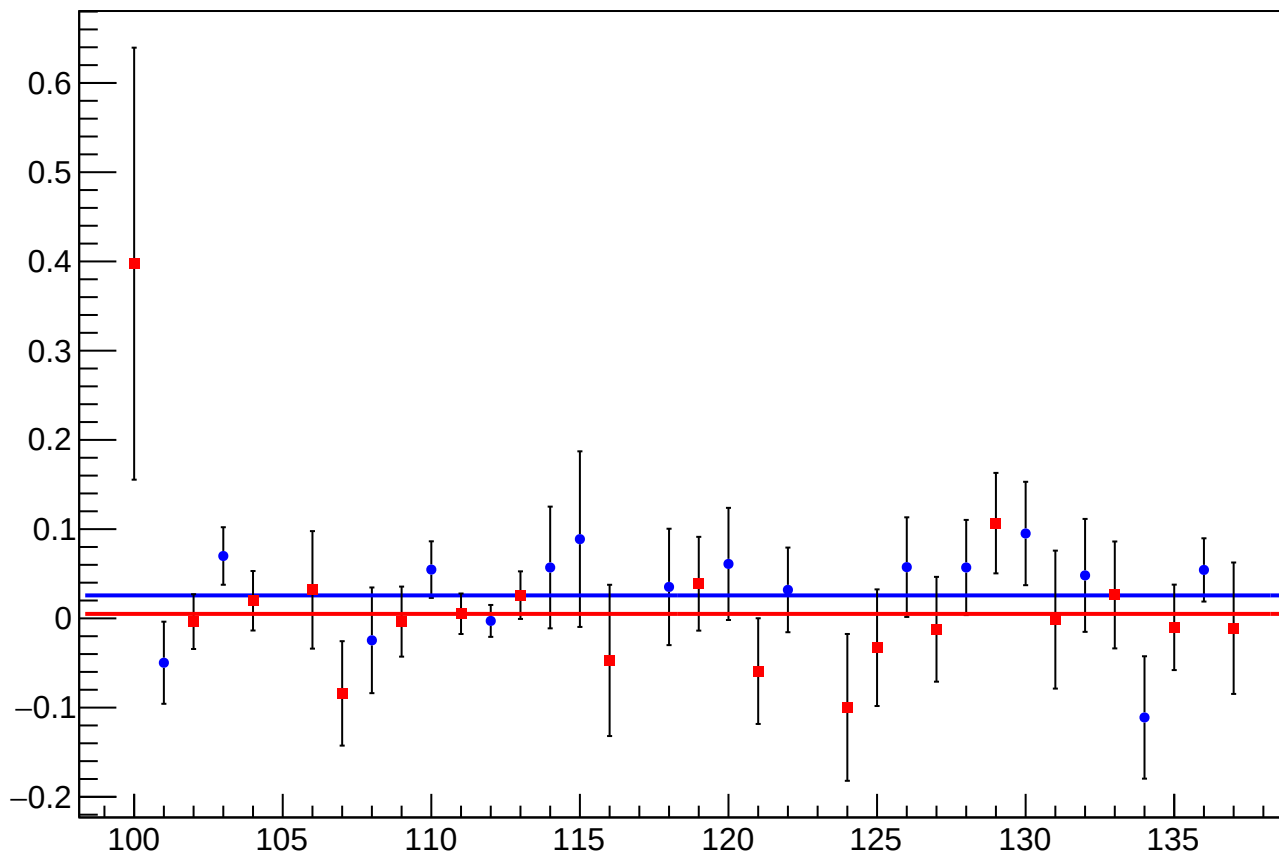
Right: 25.155 $\pm$ 0.005 χ^2 /NDF: 3908047.8/34

In: 24.712 $\pm$ 0.007 χ^2 /NDF:2295351.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.155 $\pm$ 0.005 χ^2 /NDF: 3908047.8/34

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.010 χ^2 /NDF: 16.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.010 χ^2 /NDF: 13.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

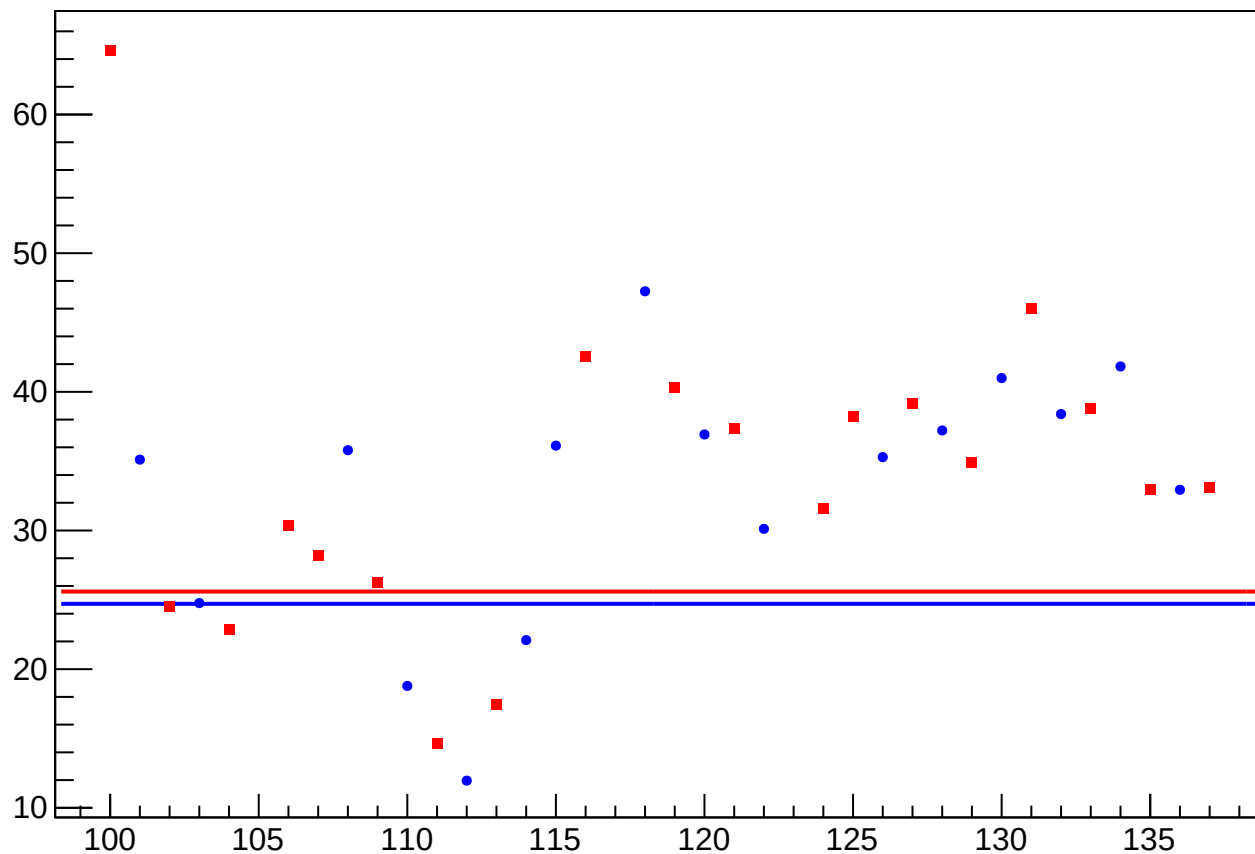
Right: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

In: 0.026 $\pm$ 0.010 χ^2 /NDF:16.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.015 $\pm$ 0.007 χ^2 /NDF: 32.1/34

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712 $\pm$ 0.007 χ^2 /NDF: 2295351.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.597 $\pm$ 0.007 χ^2 /NDF: 1605387.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

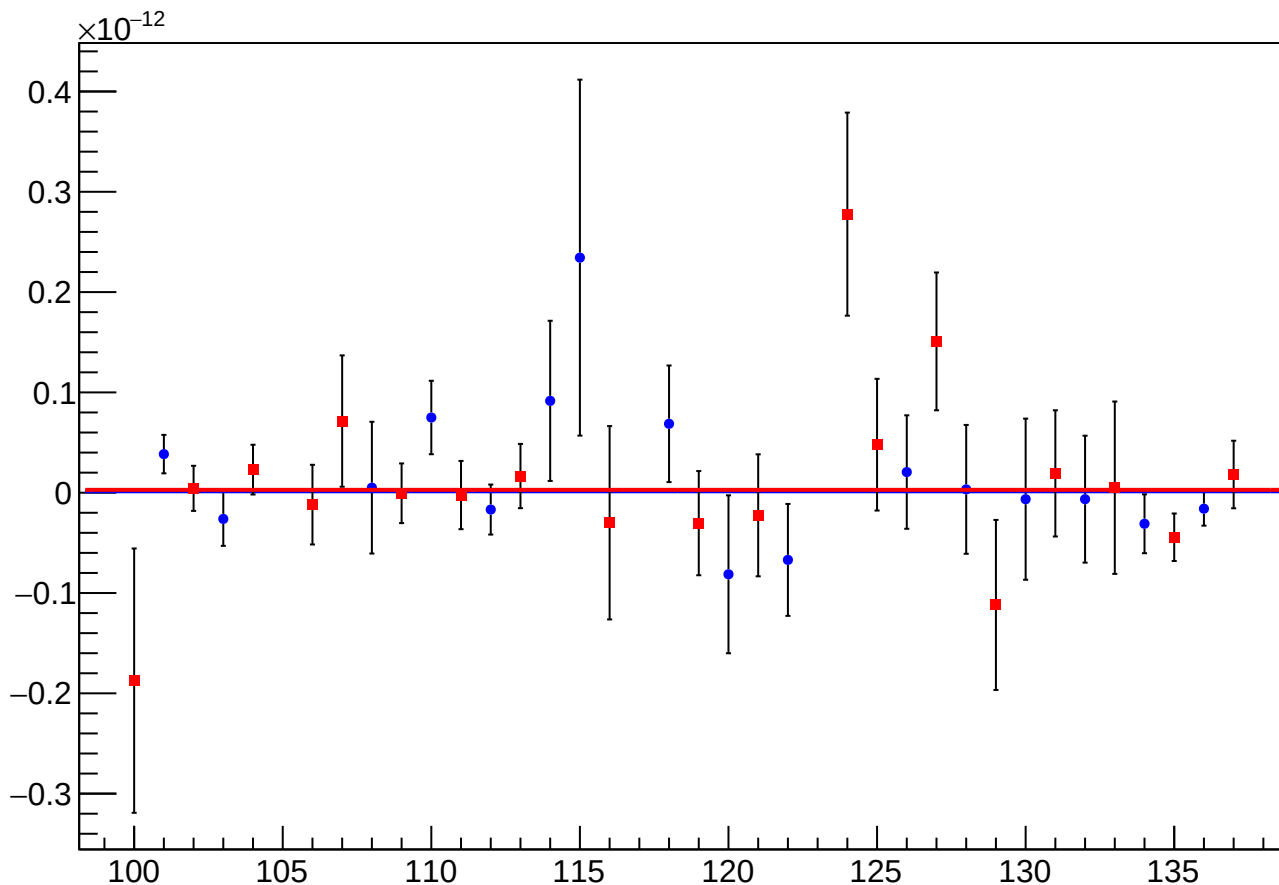
Right: 25.155 $\pm$ 0.005 χ^2 /NDF: 3908047.8/34

In: 24.712 $\pm$ 0.007 χ^2 /NDF:2295351.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.155 $\pm$ 0.005 χ^2 /NDF: 3908047.8/34

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

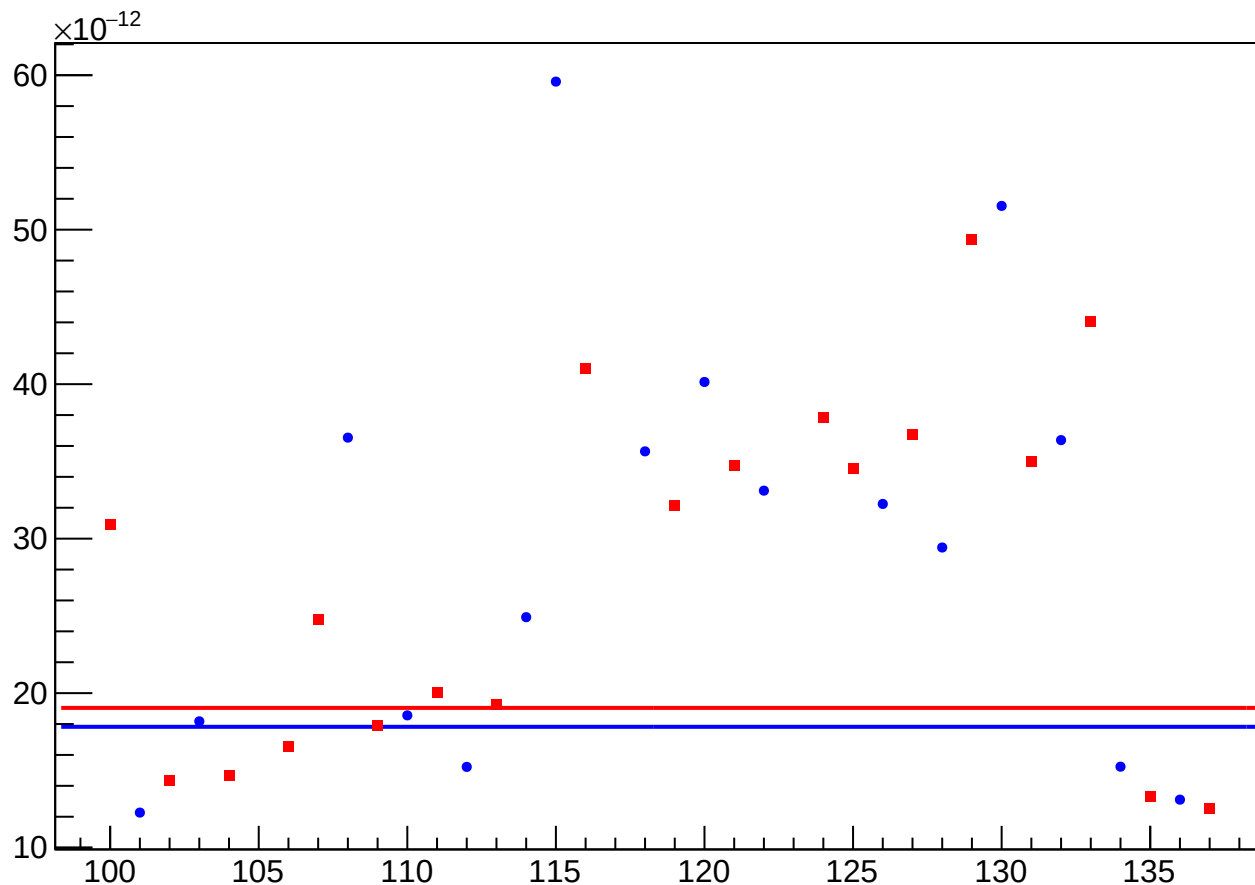
Right: 0.000+/-0.000 χ^2/NDF : 42.2/34

In: 0.000+/-0.000 χ^2/NDF : 18.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 42.2/34

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1869965.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1620721.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

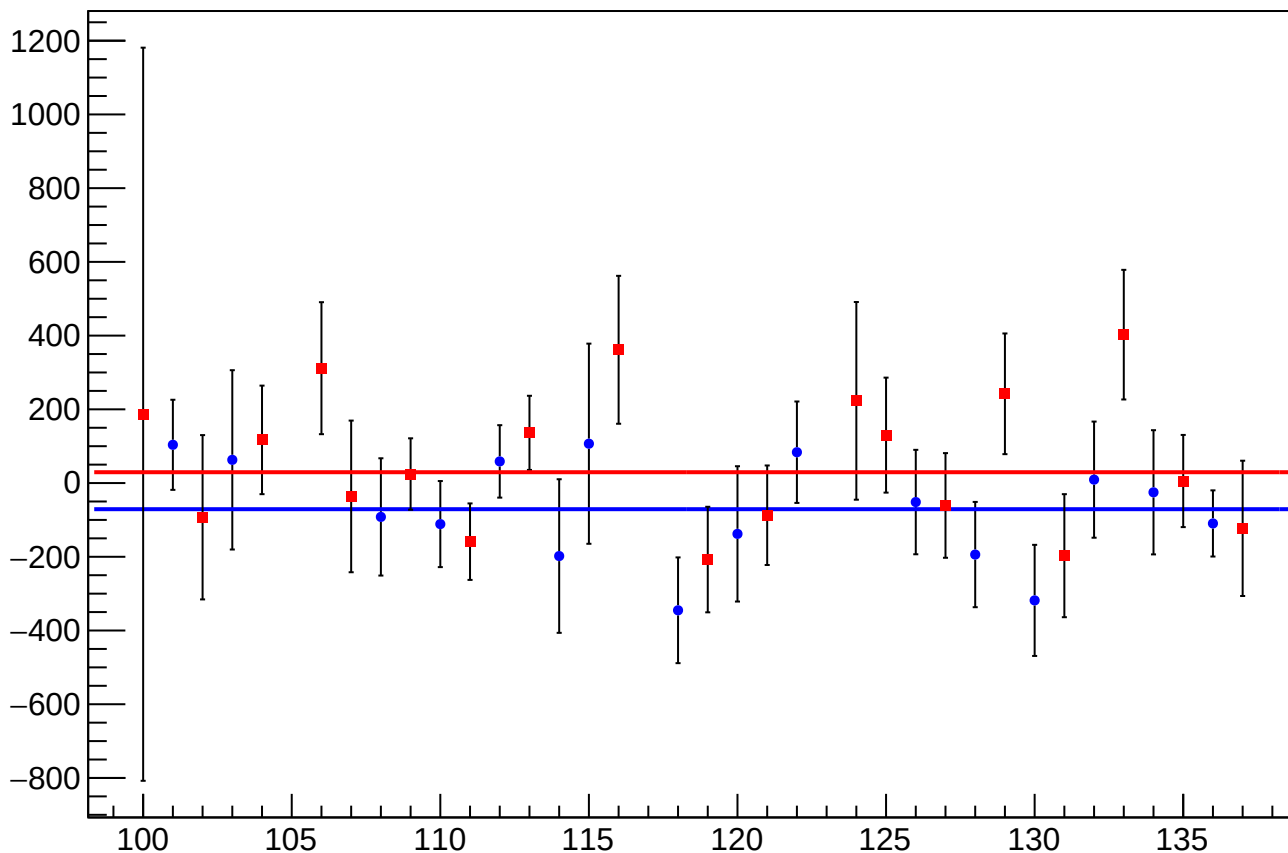
Right: 0.000+/-0.000 χ^2/NDF : 3509564.6/34

In: 0.000+/-0.000 χ^2/NDF : 1869965.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3509564.6/34

reg_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.892 ± 35.122 χ^2/NDF : 14.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.410 ± 34.243 χ^2/NDF : 24.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

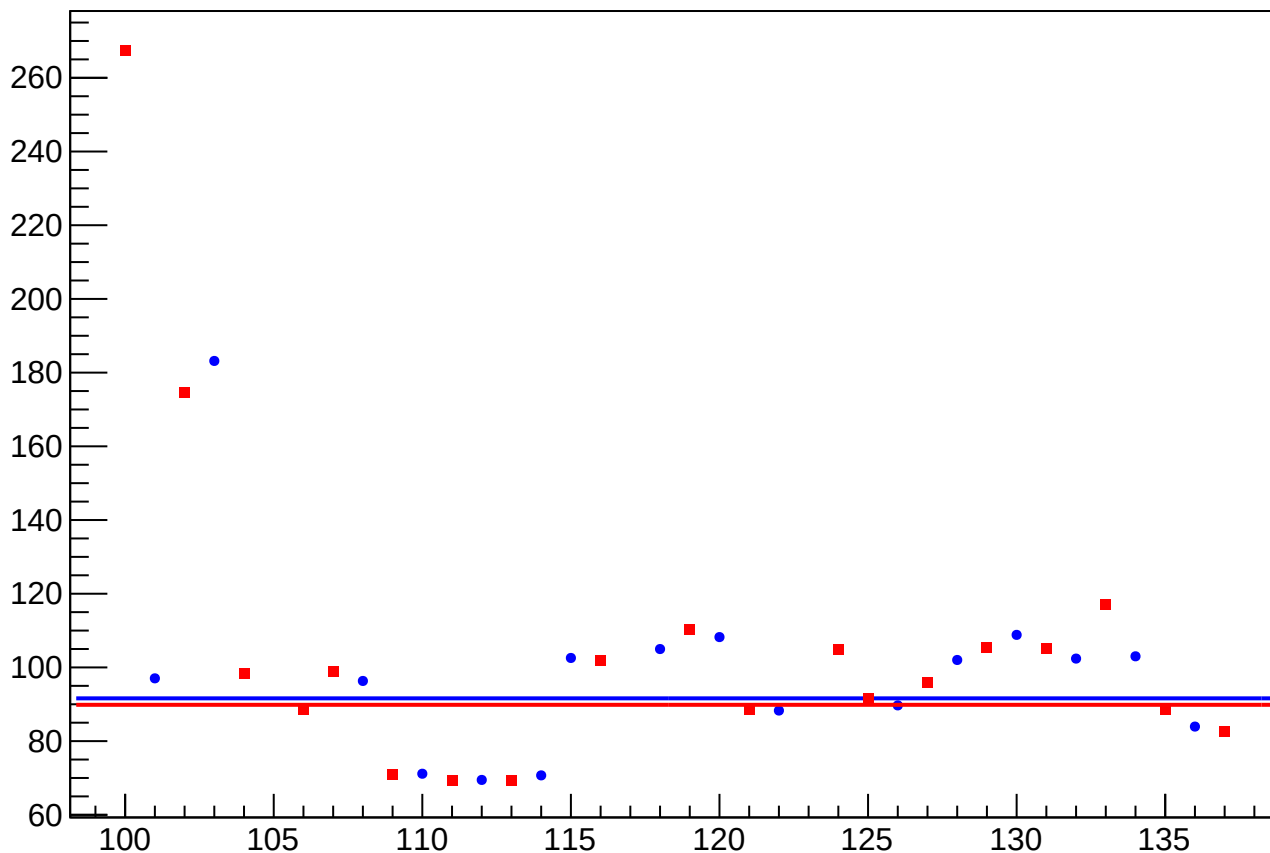
Right: -19.470 ± 24.518 χ^2/NDF : 42.3/34

In: -70.892 ± 35.122 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.470 ± 24.518 χ^2/NDF : 42.3/34

reg_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.608+/-0.025 χ^2/NDF : 580672.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.854+/-0.024 χ^2/NDF : 746289.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

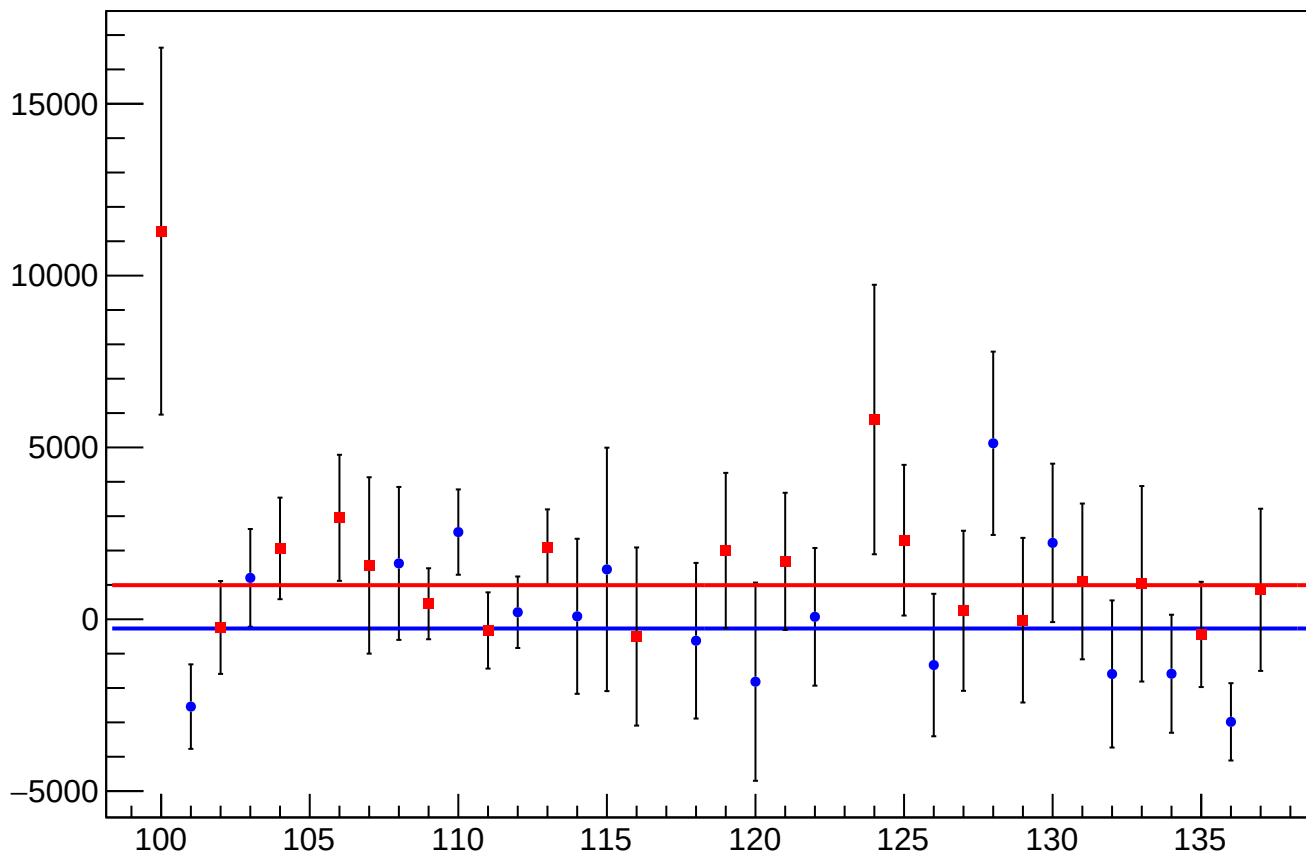
Right: 90.709+/-0.017 χ^2/NDF : 1329517.7/34

In: 91.608+/-0.025 χ^2/NDF : 580672.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.709+/-0.017 χ^2/NDF : 1329517.7/34

asym_sam_3748_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -268.485 ± 419.578 χ^2/NDF : 23.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 992.670 ± 400.824 χ^2/NDF : 12.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

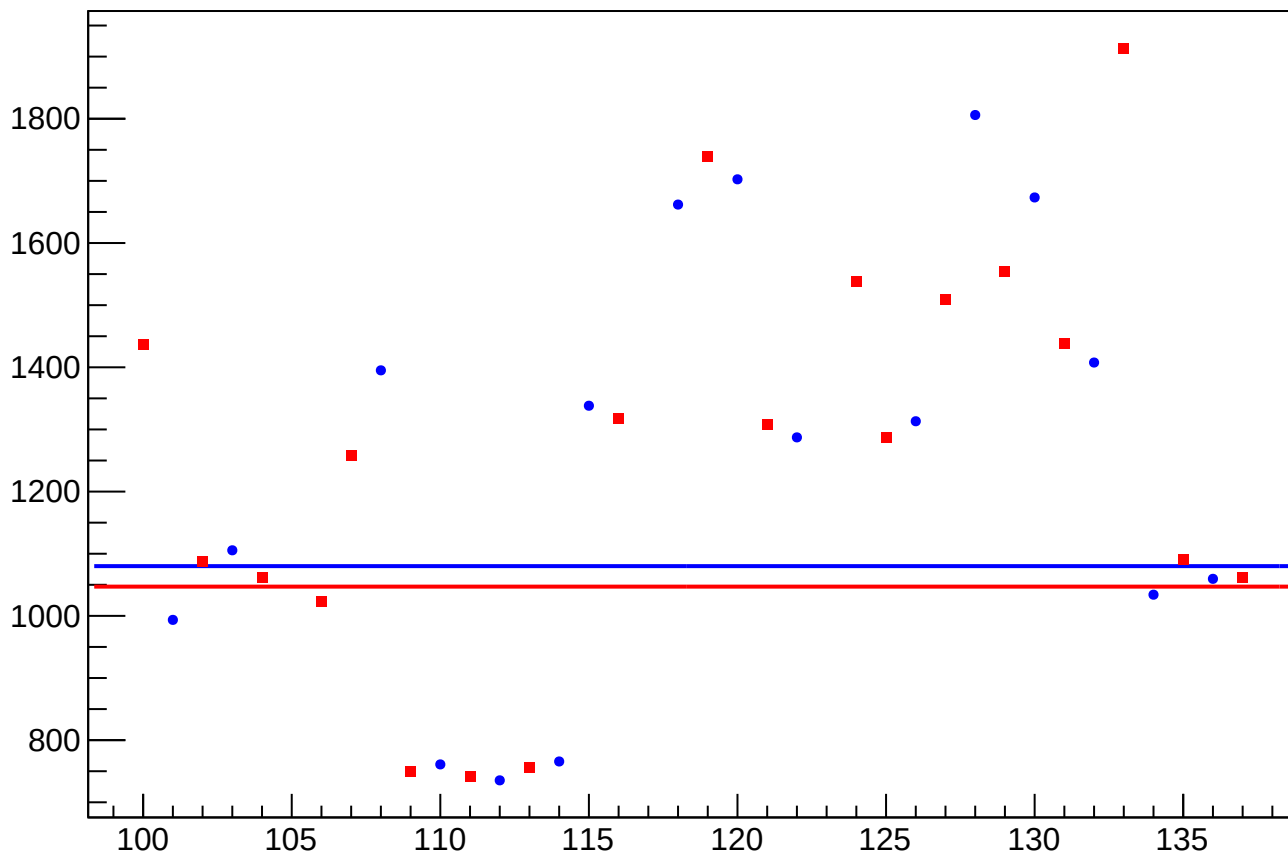
Right: 390.906 ± 289.829 χ^2/NDF : 40.8/34

In: -268.485 ± 419.578 χ^2/NDF : 23.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 390.906 ± 289.829 χ^2/NDF : 40.8/34

asym_sam_3748_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1080.045+/-0.297 χ^2/NDF : 1053468.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1047.068+/-0.283 χ^2/NDF : 1198646.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

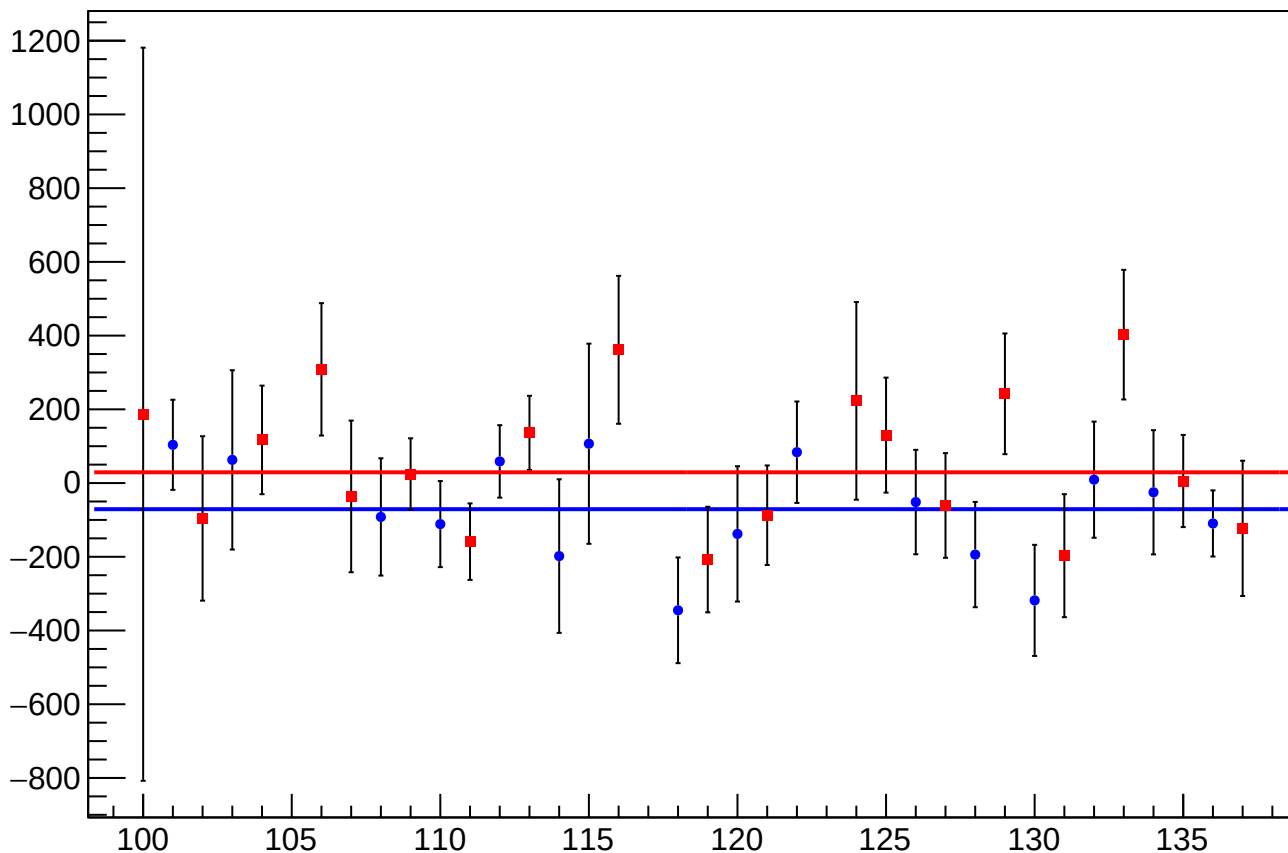
Right: 1062.803+/-0.205 χ^2/NDF : 2258574.4/34

In: 1080.045+/-0.297 χ^2/NDF : 1053468.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1062.803+/-0.205 χ^2/NDF : 2258574.4/34

cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.903 ± 35.122 χ^2/NDF : 14.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.159 ± 34.247 χ^2/NDF : 24.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

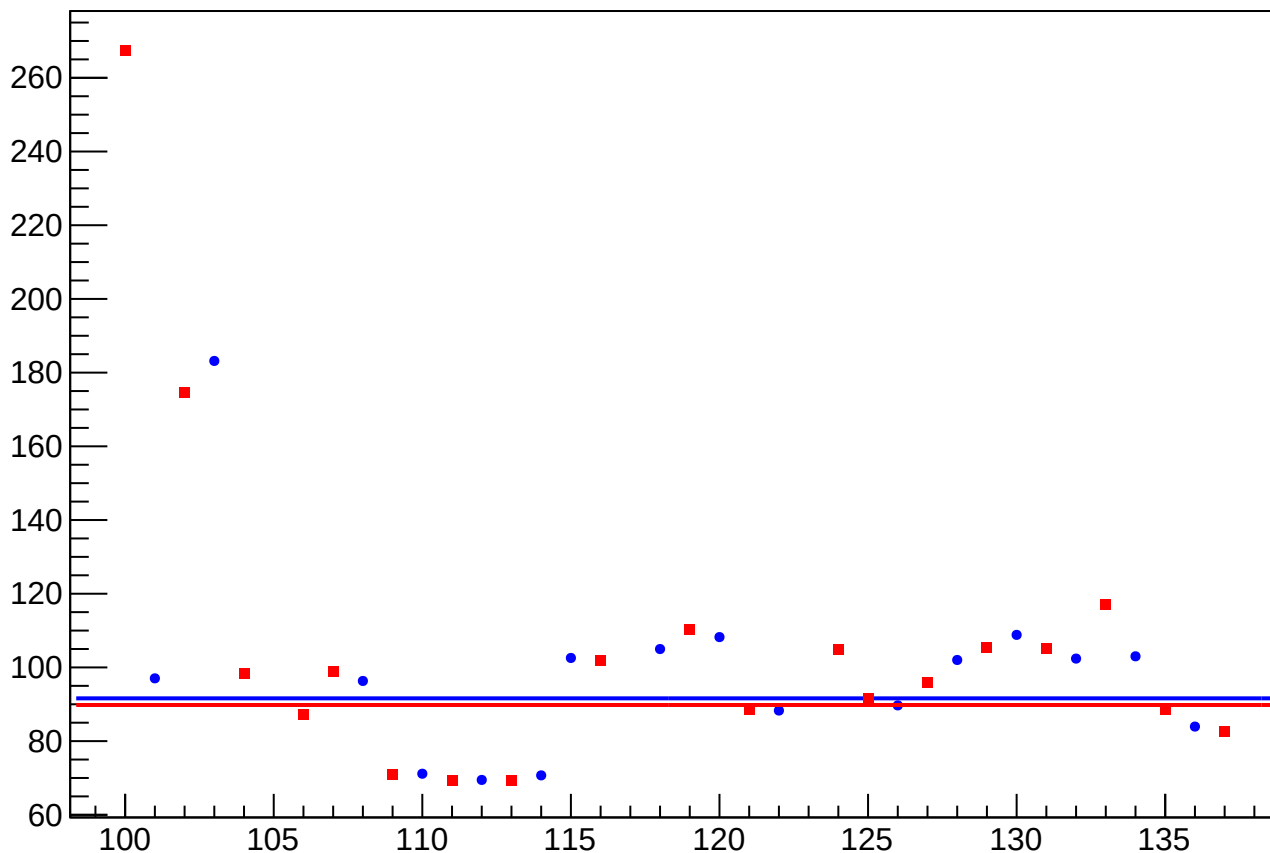
Right: -19.610 ± 24.520 χ^2/NDF : 42.2/34

In: -70.903 ± 35.122 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.610 ± 24.520 χ^2/NDF : 42.2/34

cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.807+/-0.024 χ^2/NDF : 746833.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

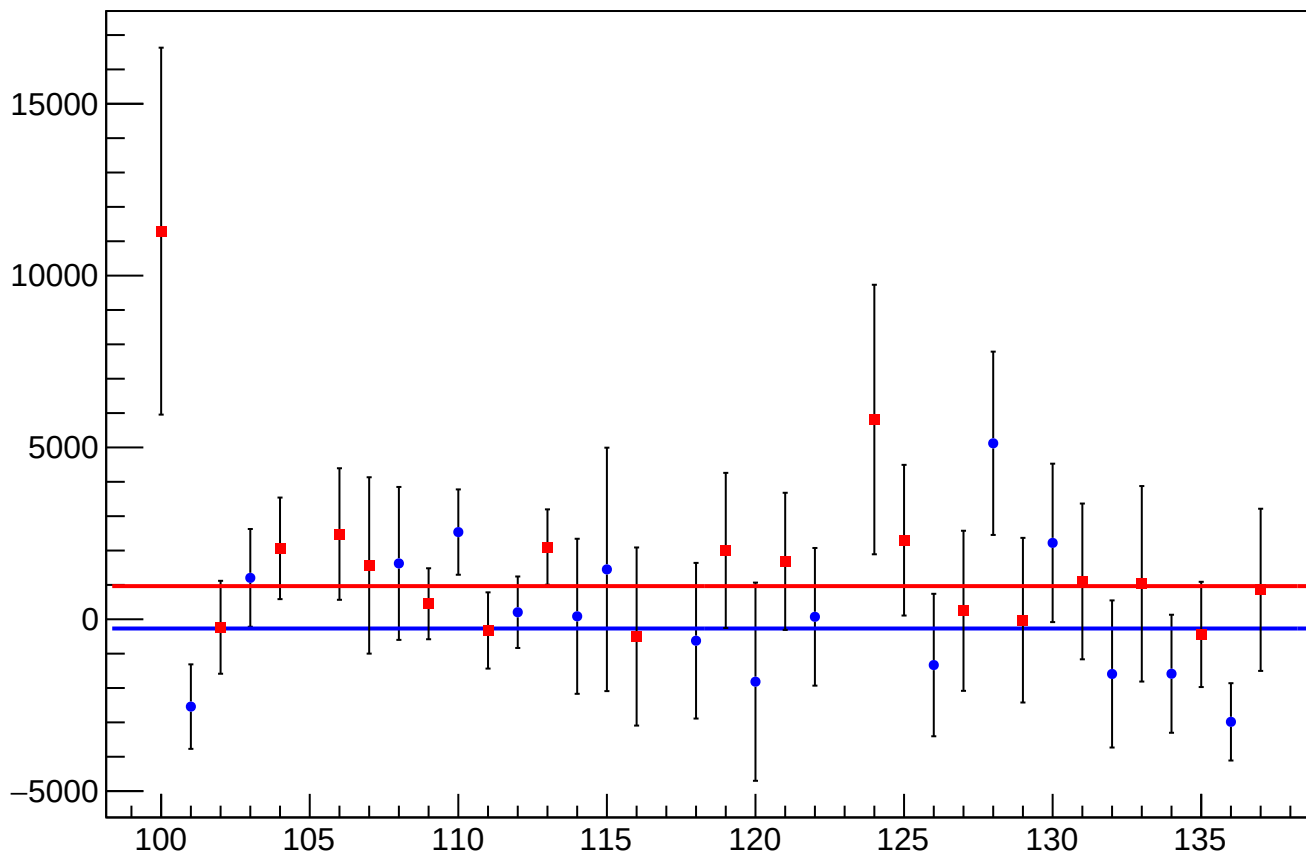
Right: 90.685+/-0.017 χ^2/NDF : 1330205.1/34

In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.685+/-0.017 χ^2/NDF : 1330205.1/34

asym_sam_3748_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.986+/-401.633 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

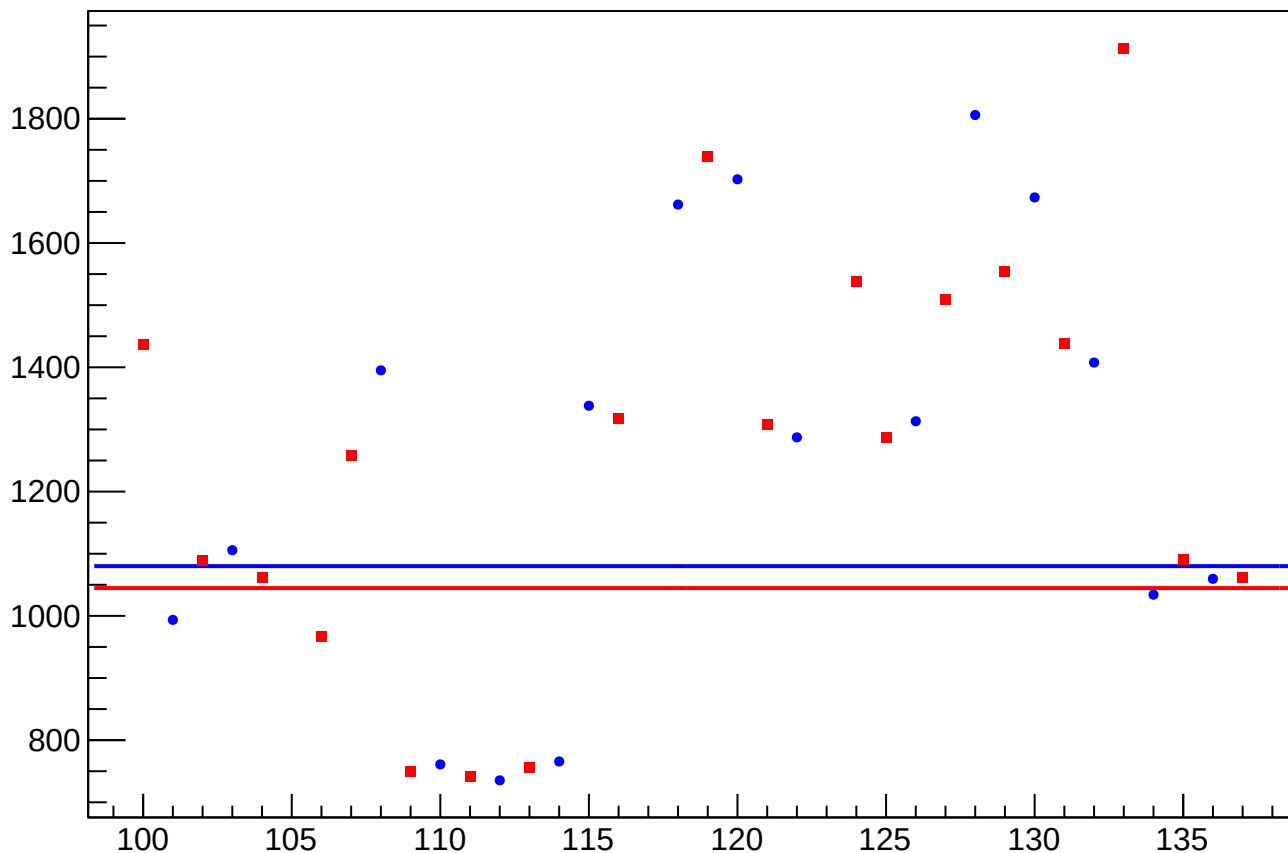
Right: 375.186+/-290.135 χ^2/NDF : 40.1/34

In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.186+/-290.135 χ^2/NDF : 40.1/34

asym_sam_3748_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.717+/-0.284 χ^2/NDF : 1201825.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

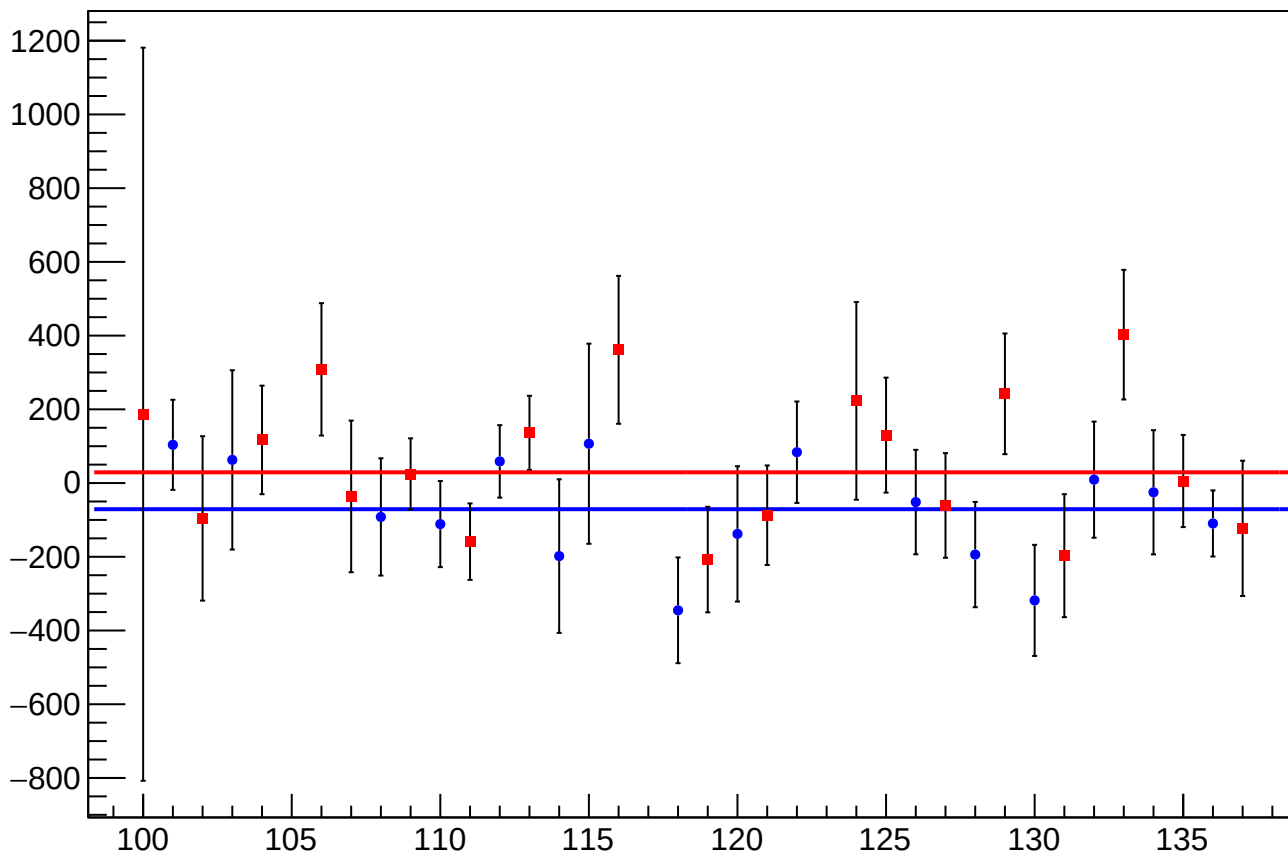
Right: 1061.613+/-0.205 χ^2/NDF : 2262703.7/34

In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.613+/-0.205 χ^2/NDF : 2262703.7/34

eigen_cor_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -70.903 $\pm$ 35.122 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 29.159 $\pm$ 34.247 χ^2 /NDF: 24.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

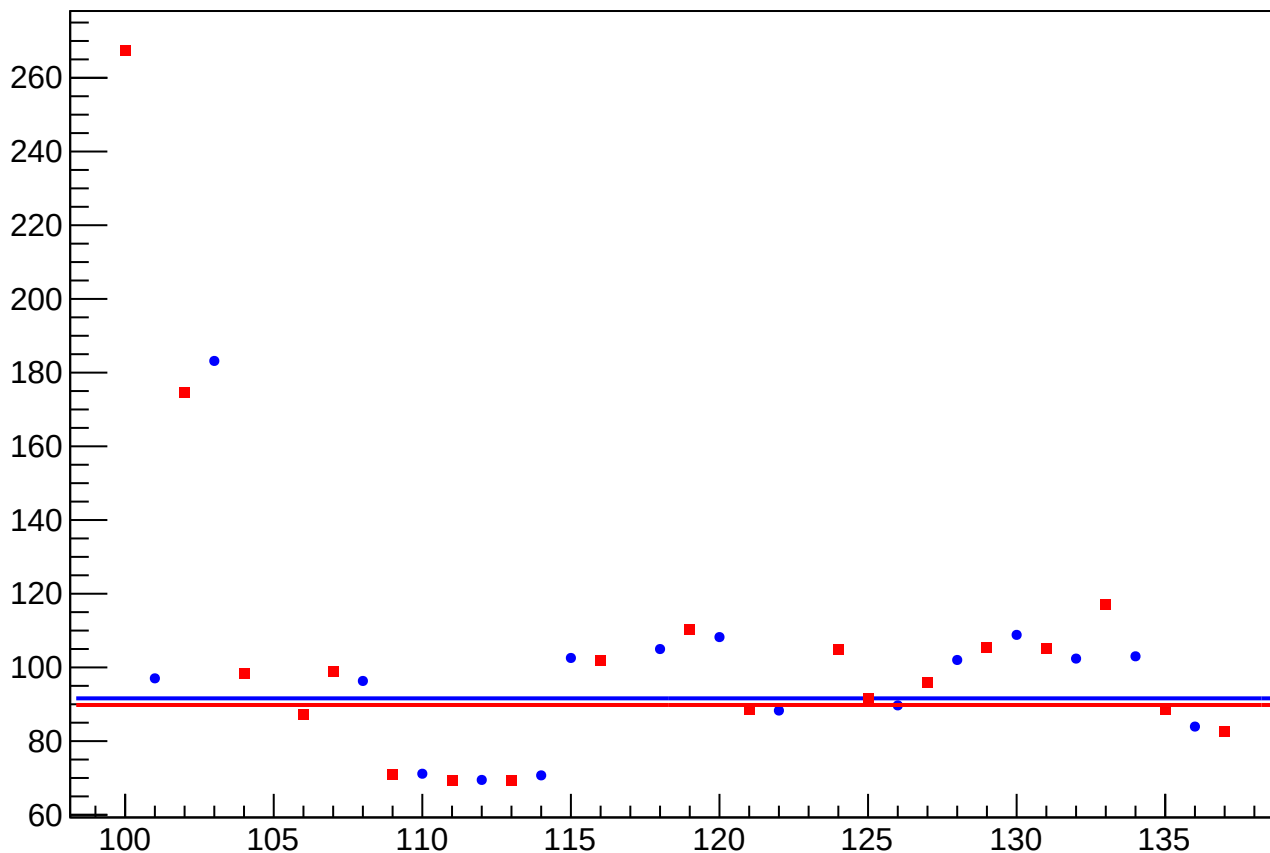
Right: -19.610 $\pm$ 24.520 χ^2 /NDF: 42.2/34

In: -70.903 $\pm$ 35.122 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.610 $\pm$ 24.520 χ^2 /NDF: 42.2/34

eigen_cor_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 89.807+/-0.024 χ^2/NDF : 746833.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

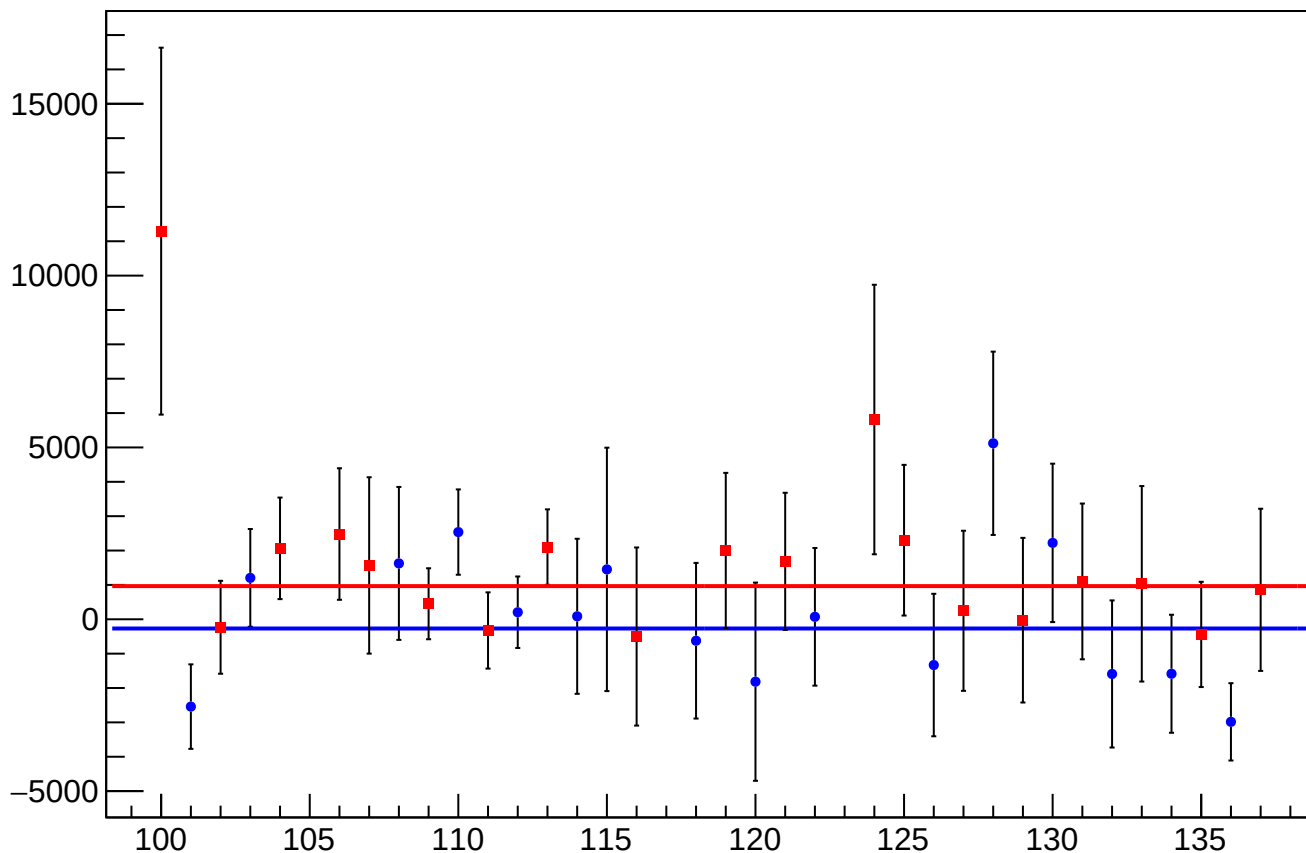
Right: 90.685+/-0.017 χ^2/NDF : 1330205.1/34

In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.685+/-0.017 χ^2/NDF : 1330205.1/34

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.986+/-401.633 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

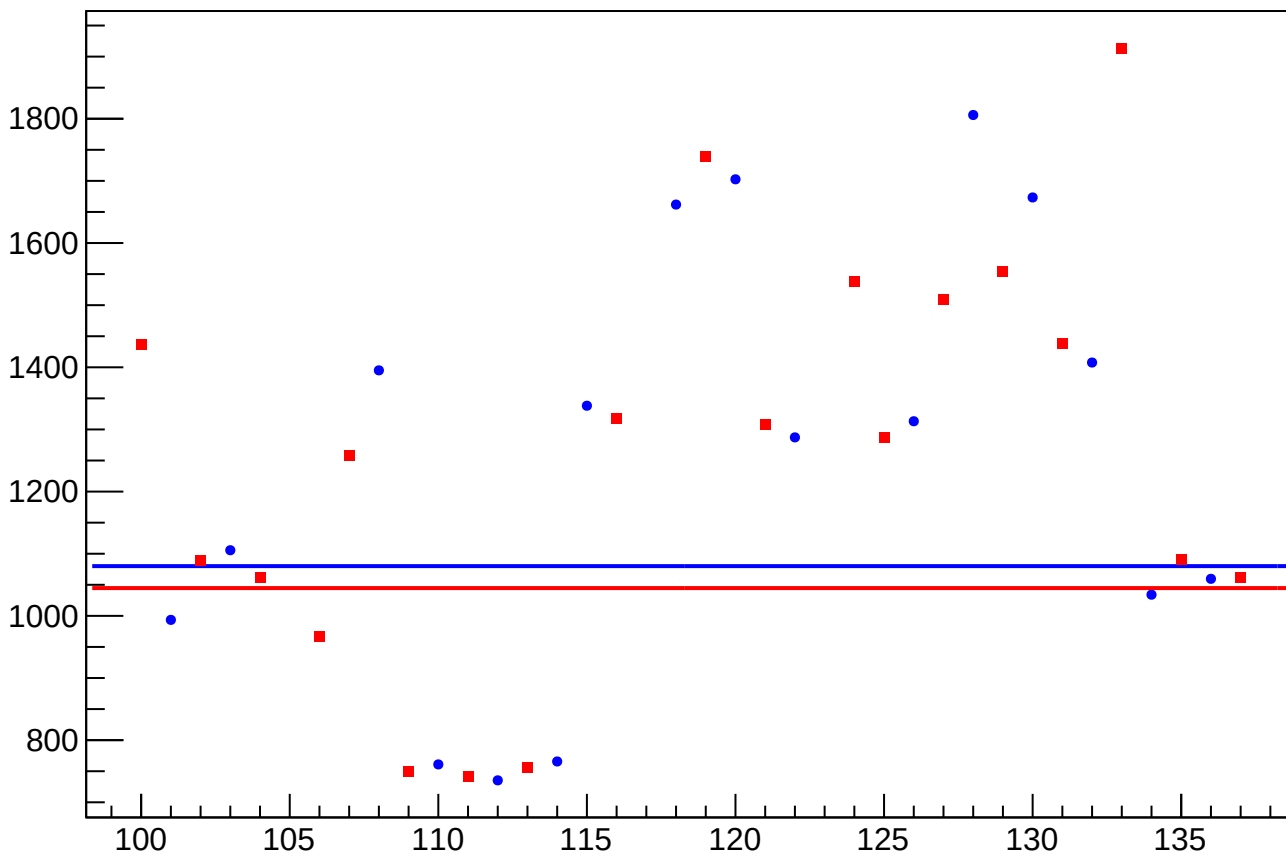
Right: 375.186+/-290.135 χ^2/NDF : 40.1/34

In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 375.186+/-290.135 χ^2/NDF : 40.1/34

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1044.717+/-0.284 χ^2/NDF : 1201825.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

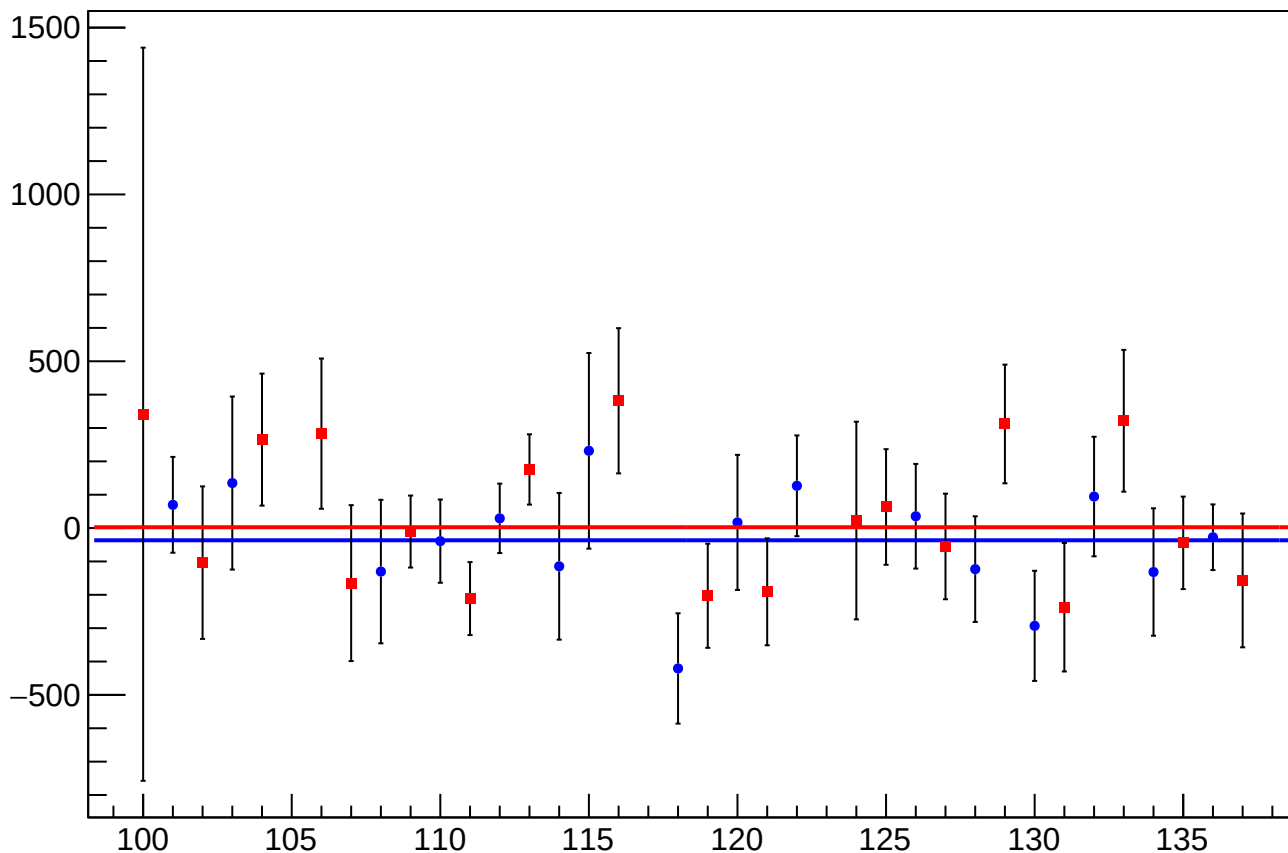
Right: 1061.613+/-0.205 χ^2/NDF : 2262703.7/34

In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.613+/-0.205 χ^2/NDF : 2262703.7/34

dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.590 ± 38.991 χ^2/NDF : 12.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.568 ± 38.165 χ^2/NDF : 24.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

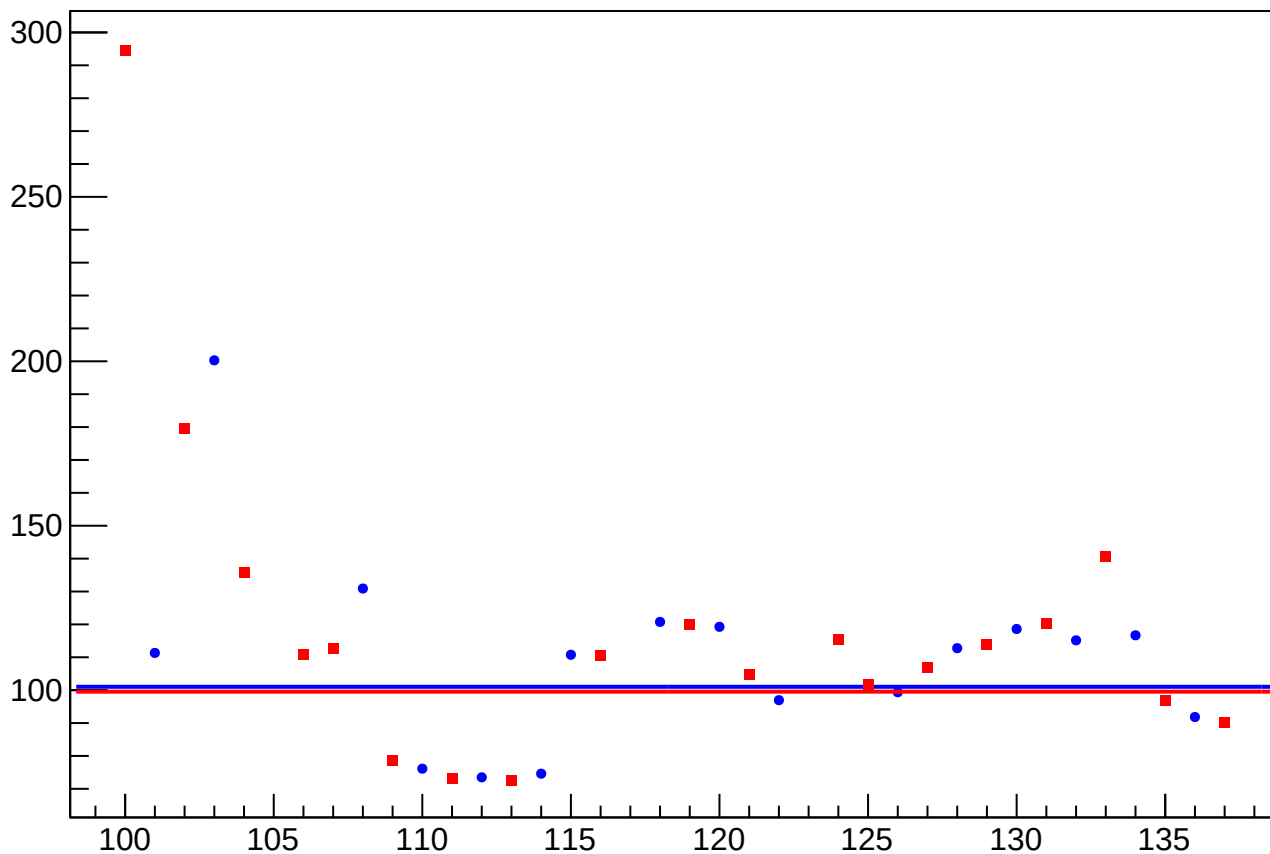
Right: -16.592 ± 27.274 χ^2/NDF : 38.1/34

In: -36.590 ± 38.991 χ^2/NDF : 12.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.592 ± 27.274 χ^2/NDF : 38.1/34

dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.031+/-0.028 χ^2/NDF : 716095.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.547+/-0.027 χ^2/NDF : 880497.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

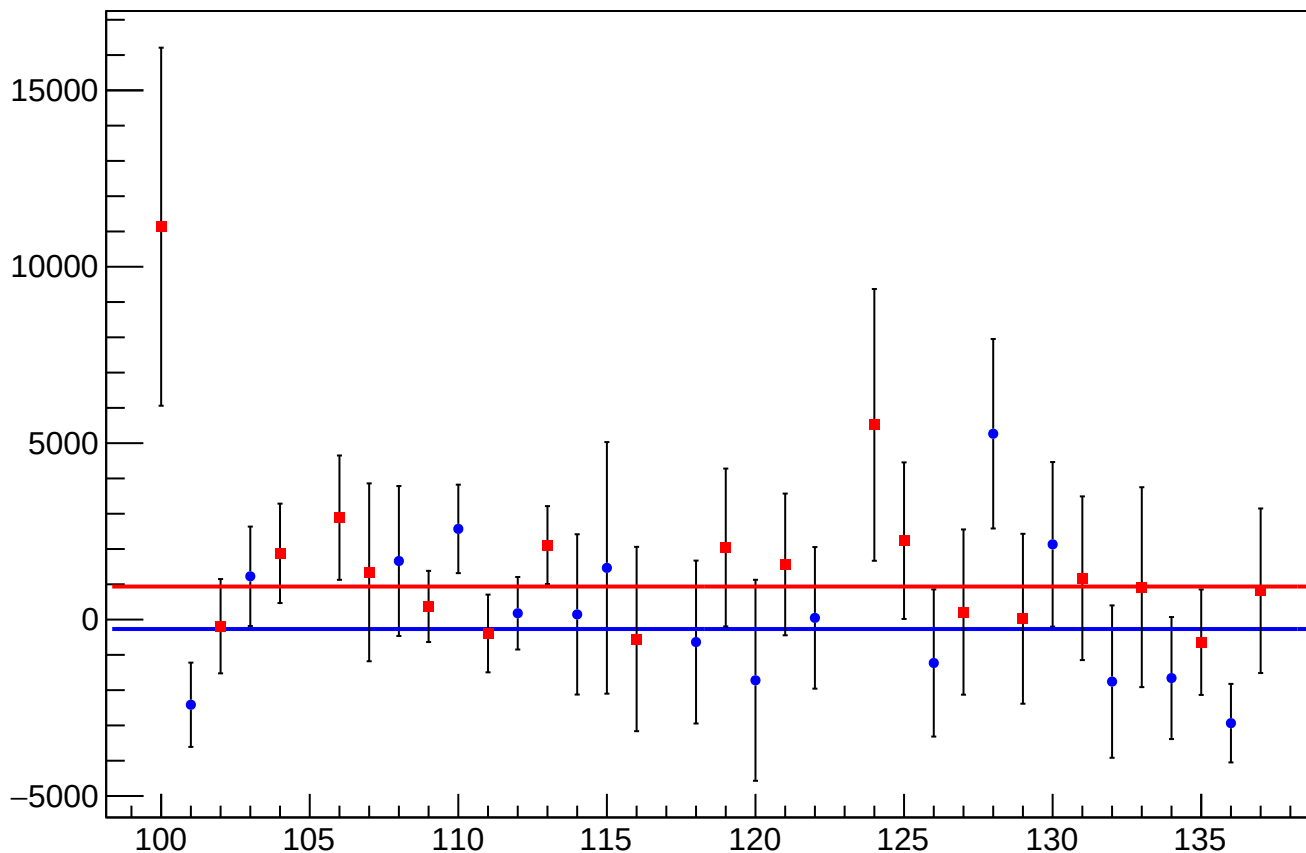
Right: 100.273+/-0.019 χ^2/NDF : 1598073.3/34

In: 101.031+/-0.028 χ^2/NDF : 716095.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.273+/-0.019 χ^2/NDF : 1598073.3/34

asym_sam_3748_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -267.886 ± 417.061 χ^2/NDF : 23.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 936.734 ± 396.234 χ^2/NDF : 13.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

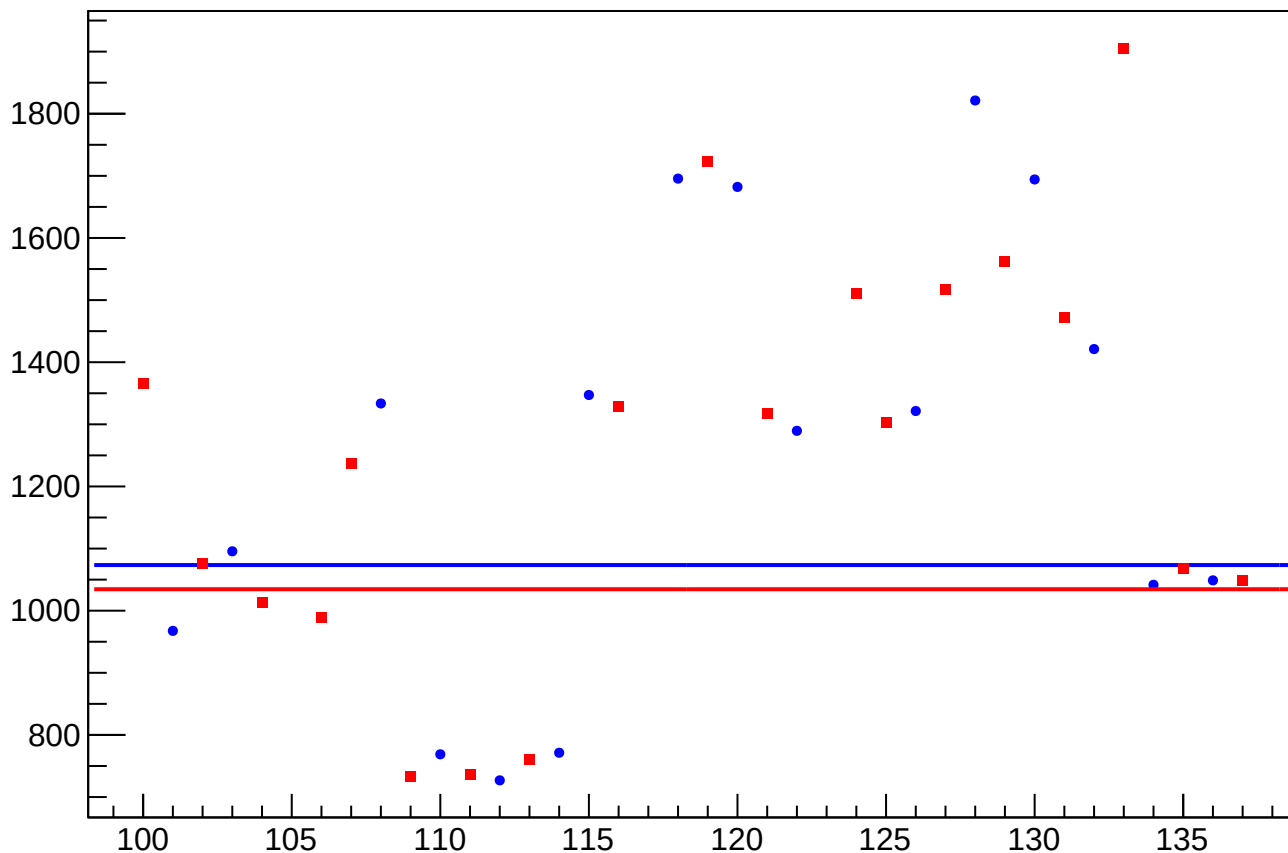
Right: 365.251 ± 287.261 χ^2/NDF : 41.0/34

In: -267.886 ± 417.061 χ^2/NDF : 23.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 365.251 ± 287.261 χ^2/NDF : 41.0/34

asym_sam_3748_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1073.456+/-0.295 χ^2/NDF : 1077055.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.535+/-0.280 χ^2/NDF : 1229344.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

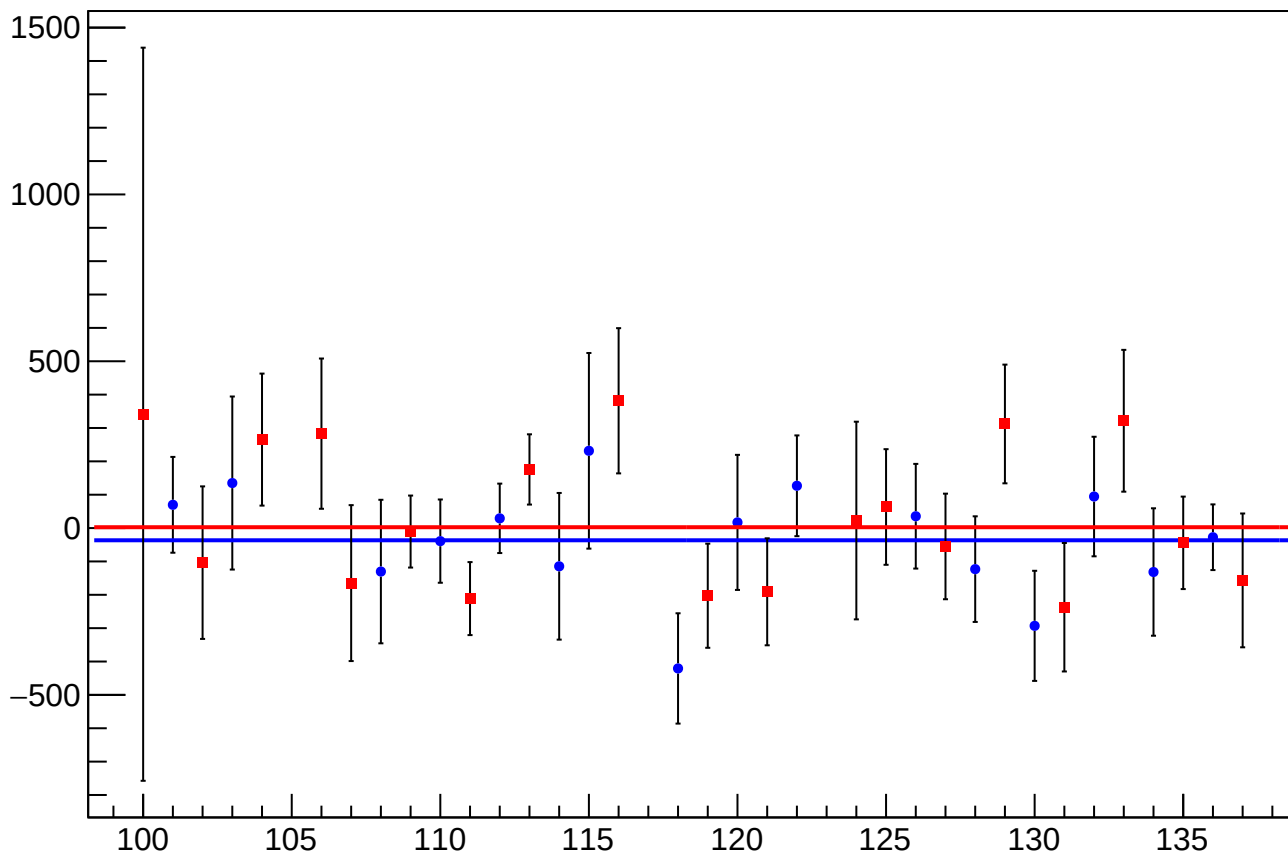
Right: 1052.999+/-0.203 χ^2/NDF : 2315554.6/34

In: 1073.456+/-0.295 χ^2/NDF : 1077055.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.999+/-0.203 χ^2/NDF : 2315554.6/34

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.589 ± 38.991 χ^2/NDF : 12.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 2.566 ± 38.165 χ^2/NDF : 24.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

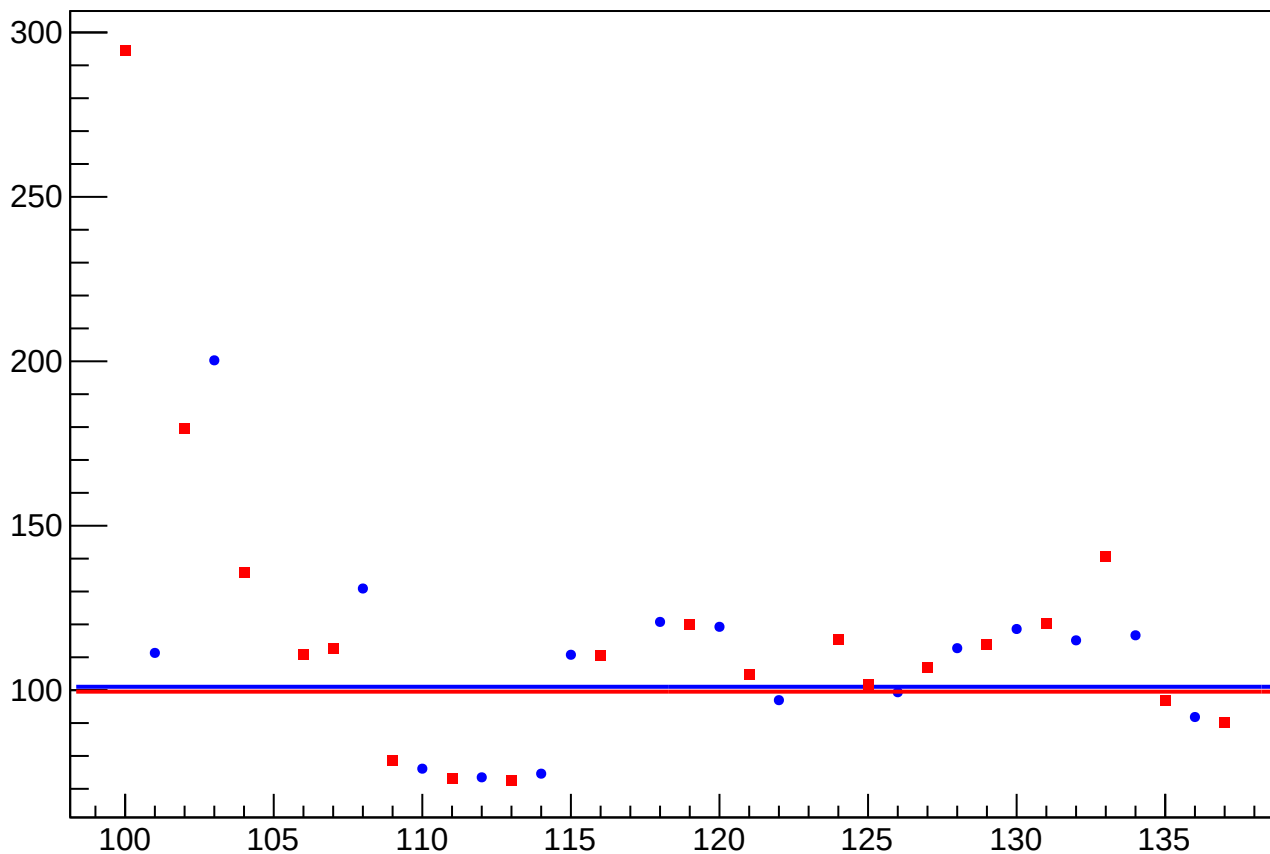
Right: -16.593 ± 27.274 χ^2/NDF : 38.1/34

In: -36.589 ± 38.991 χ^2/NDF : 12.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.593 ± 27.274 χ^2/NDF : 38.1/34

eigen_dit_asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 101.031+/-0.028 χ^2/NDF : 716094.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.547+/-0.027 χ^2/NDF : 880499.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

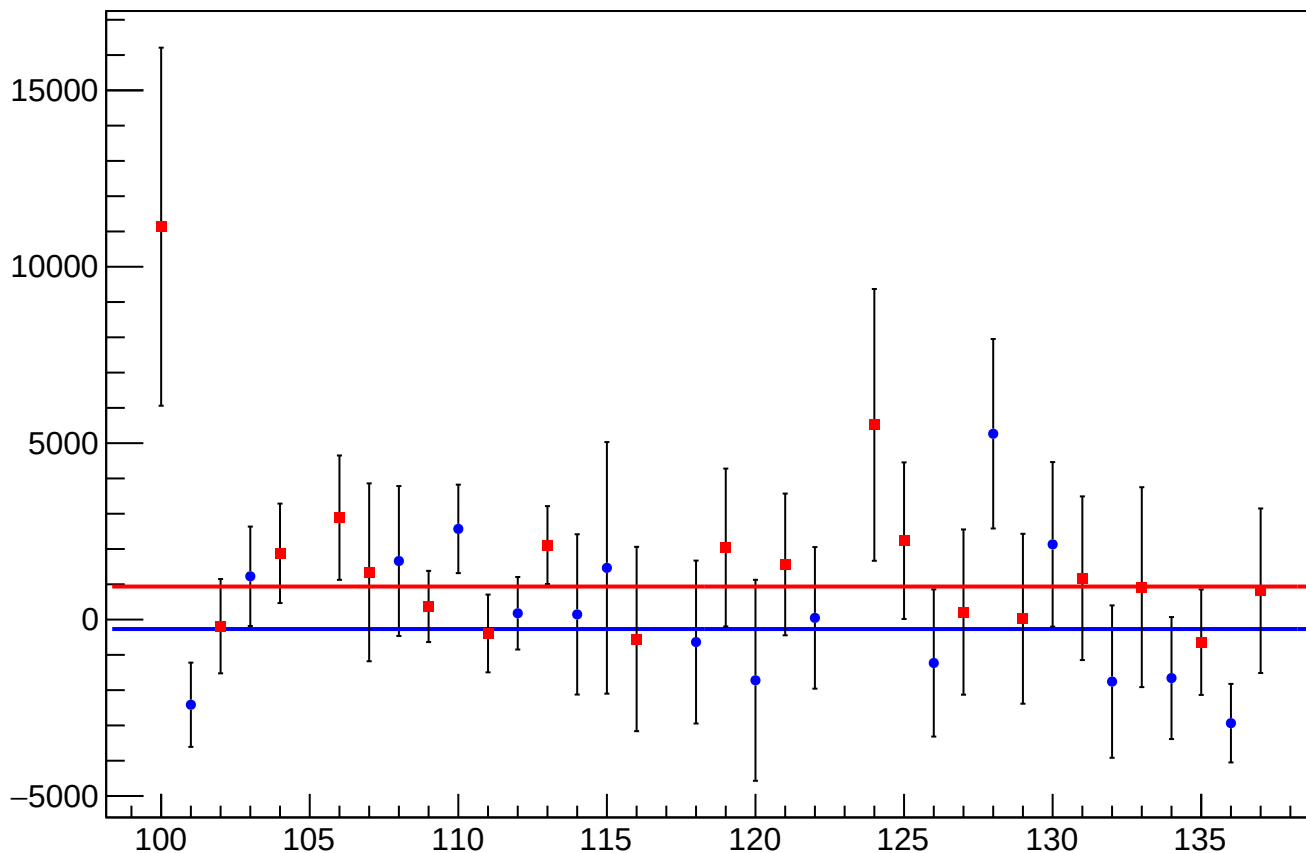
Right: 100.273+/-0.019 χ^2/NDF : 1598074.0/34

In: 101.031+/-0.028 χ^2/NDF : 716094.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.273+/-0.019 χ^2/NDF : 1598074.0/34

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -267.885 ± 417.061 χ^2/NDF : 23.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 936.732 ± 396.234 χ^2/NDF : 13.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

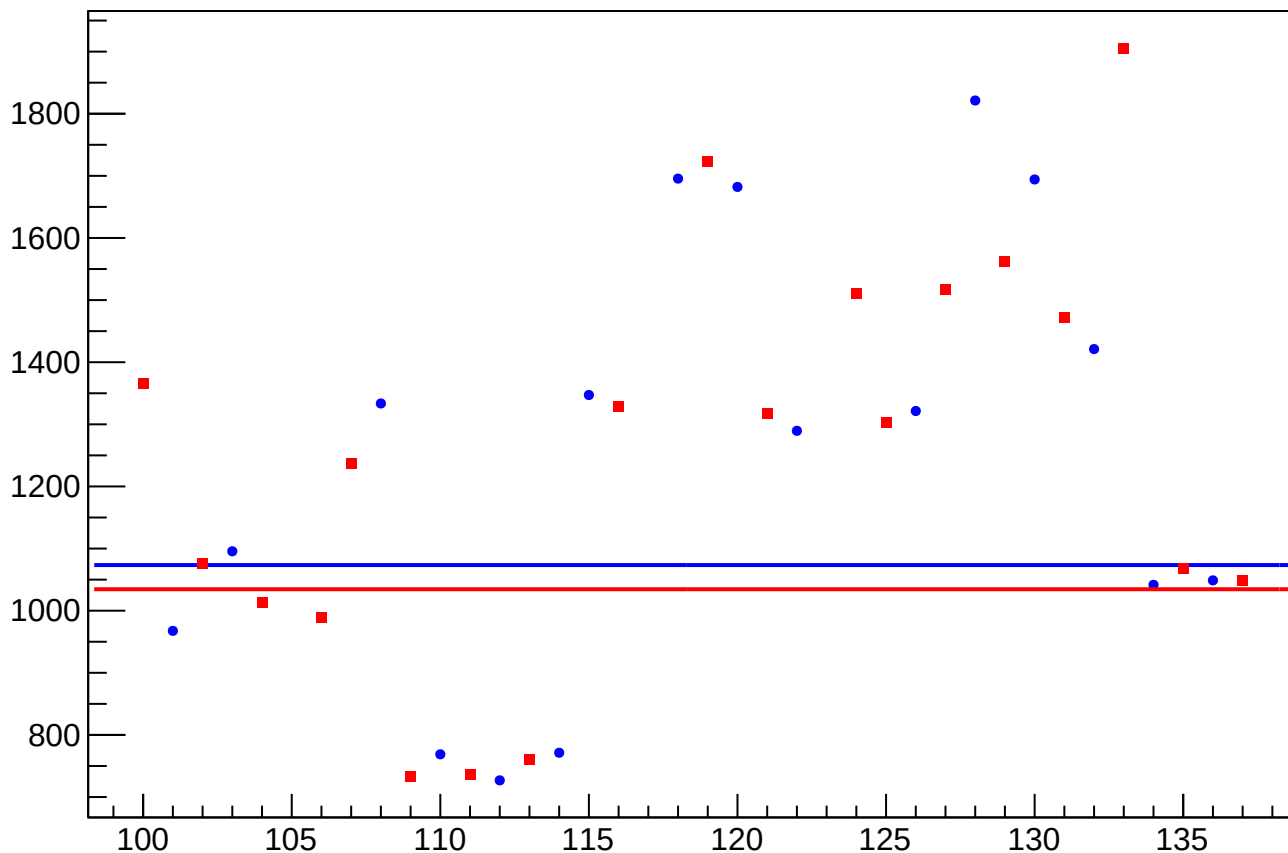
Right: 365.251 ± 287.260 χ^2/NDF : 41.0/34

In: -267.885 ± 417.061 χ^2/NDF : 23.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 365.251 ± 287.260 χ^2/NDF : 41.0/34

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1073.454+/-0.295 χ^2/NDF : 1077061.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1034.533+/-0.280 χ^2/NDF : 1229346.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

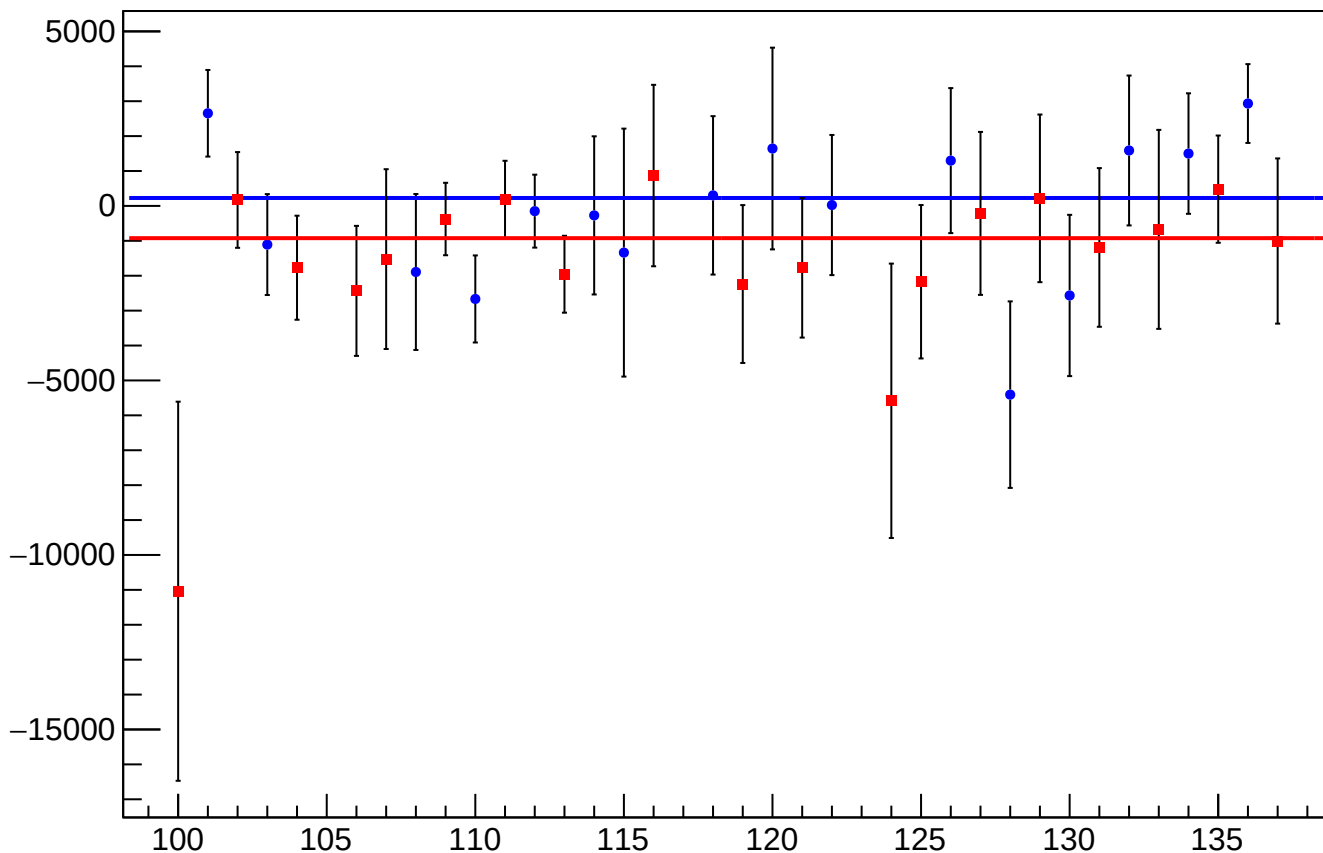
Right: 1052.997+/-0.203 χ^2/NDF : 2315562.9/34

In: 1073.454+/-0.295 χ^2/NDF : 1077061.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1052.997+/-0.203 χ^2/NDF : 2315562.9/34

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 227.502 $\pm$ 421.838 χ^2 /NDF: 24.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -923.649 $\pm$ 403.102 χ^2 /NDF: 11.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

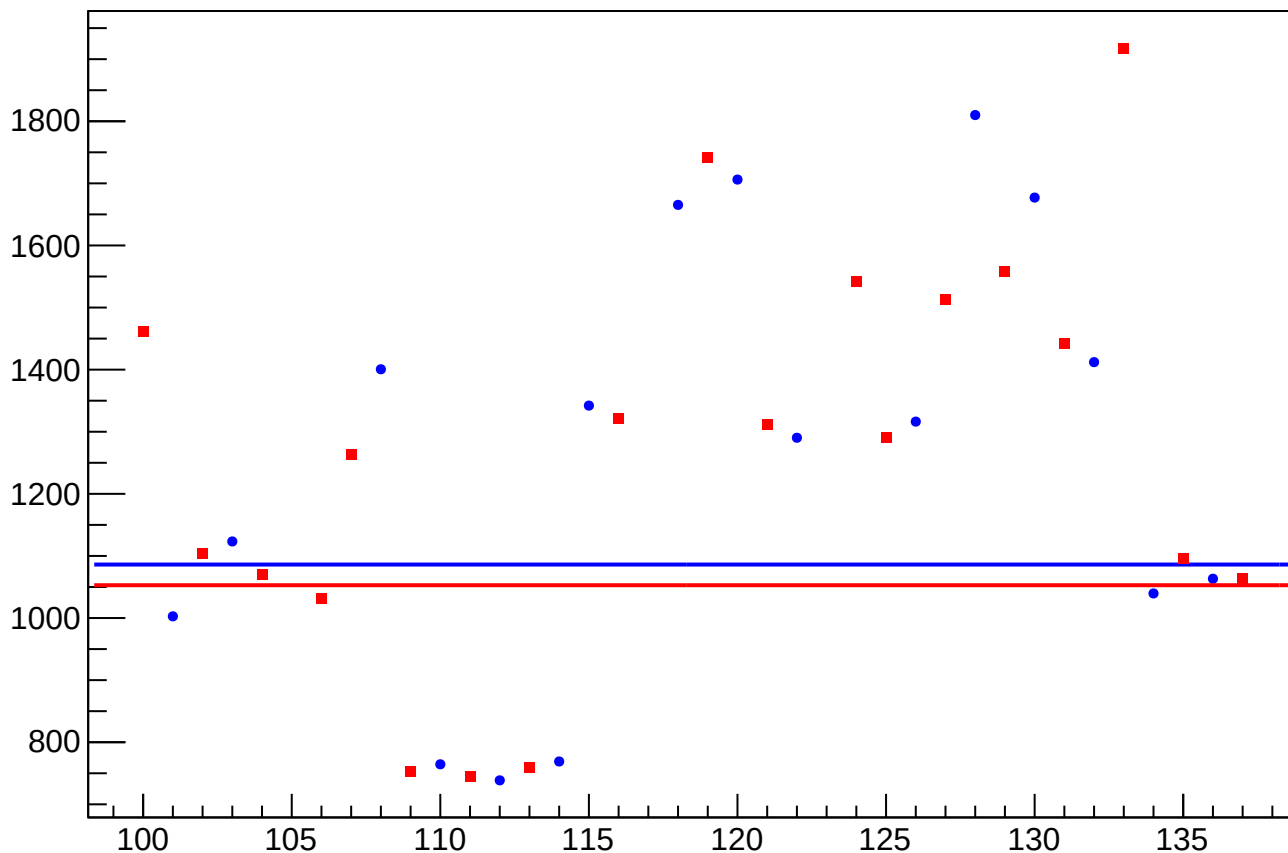
Right: -374.204 $\pm$ 291.435 χ^2 /NDF: 39.5/34

In: 227.502 $\pm$ 421.838 χ^2 /NDF:24.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -374.204 $\pm$ 291.435 χ^2 /NDF: 39.5/34

asym_sam_3748_avg_rms vs Slug, Sign Corrected



Right In: 1086.137+/-0.298 χ^2/NDF : 1047479.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1052.831+/-0.285 χ^2/NDF : 1194420.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

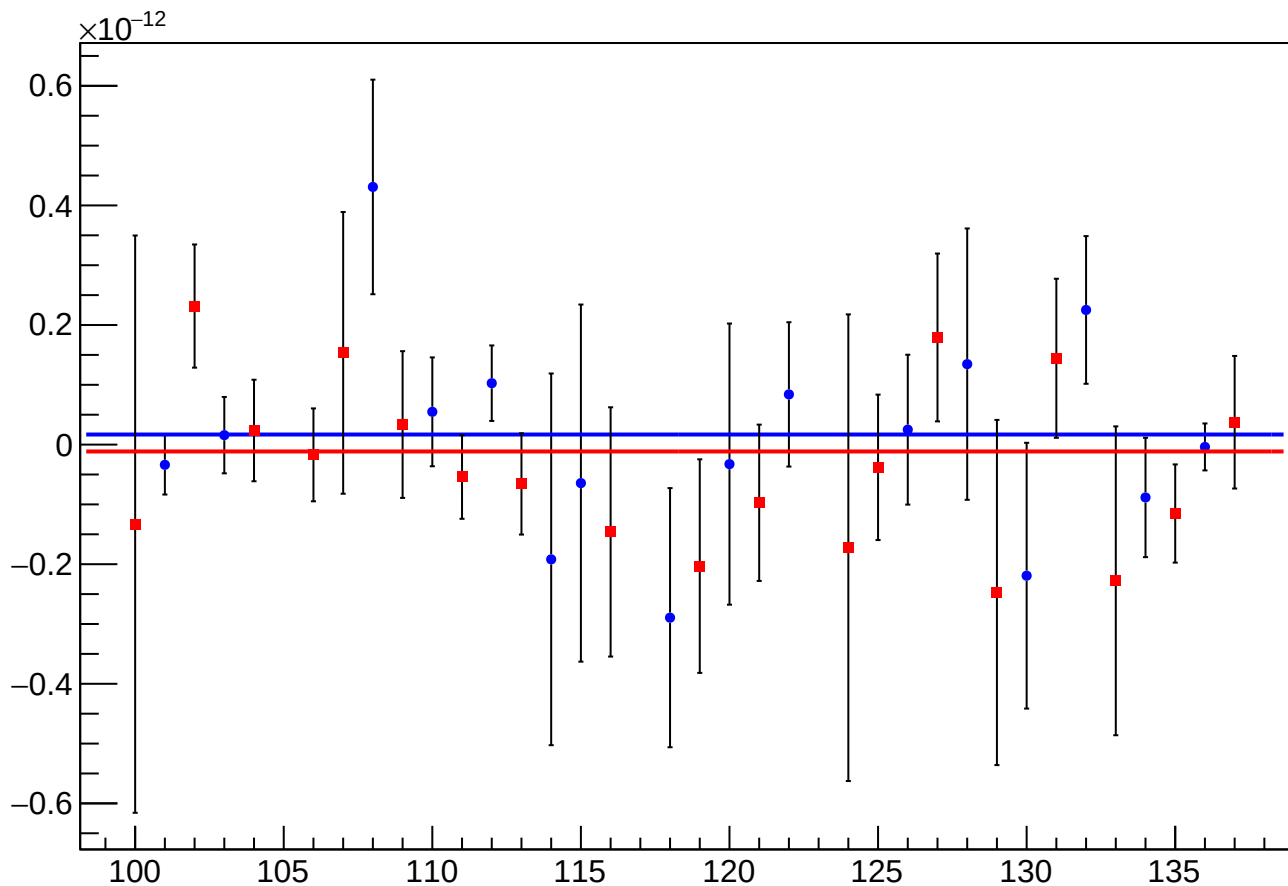
Right: 1068.728+/-0.206 χ^2/NDF : 2248417.5/34

In: 1086.137+/-0.298 χ^2/NDF : 1047479.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.728+/-0.206 χ^2/NDF : 2248417.5/34

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

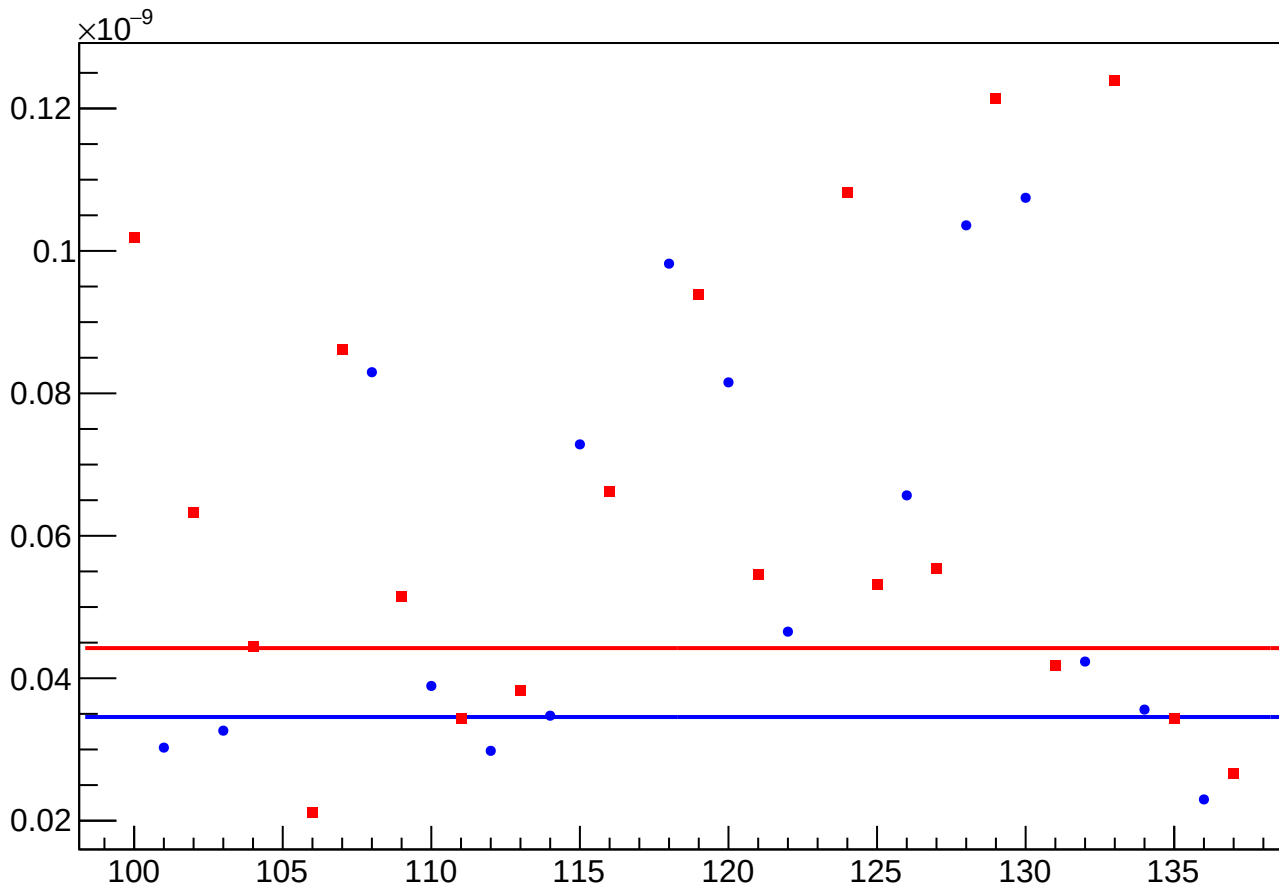
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.4/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.4/34

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 1188815.4/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1073061.4/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 2418011.3/34

In: 0.000+/-0.000

χ^2/NDF : 1188815.4/15

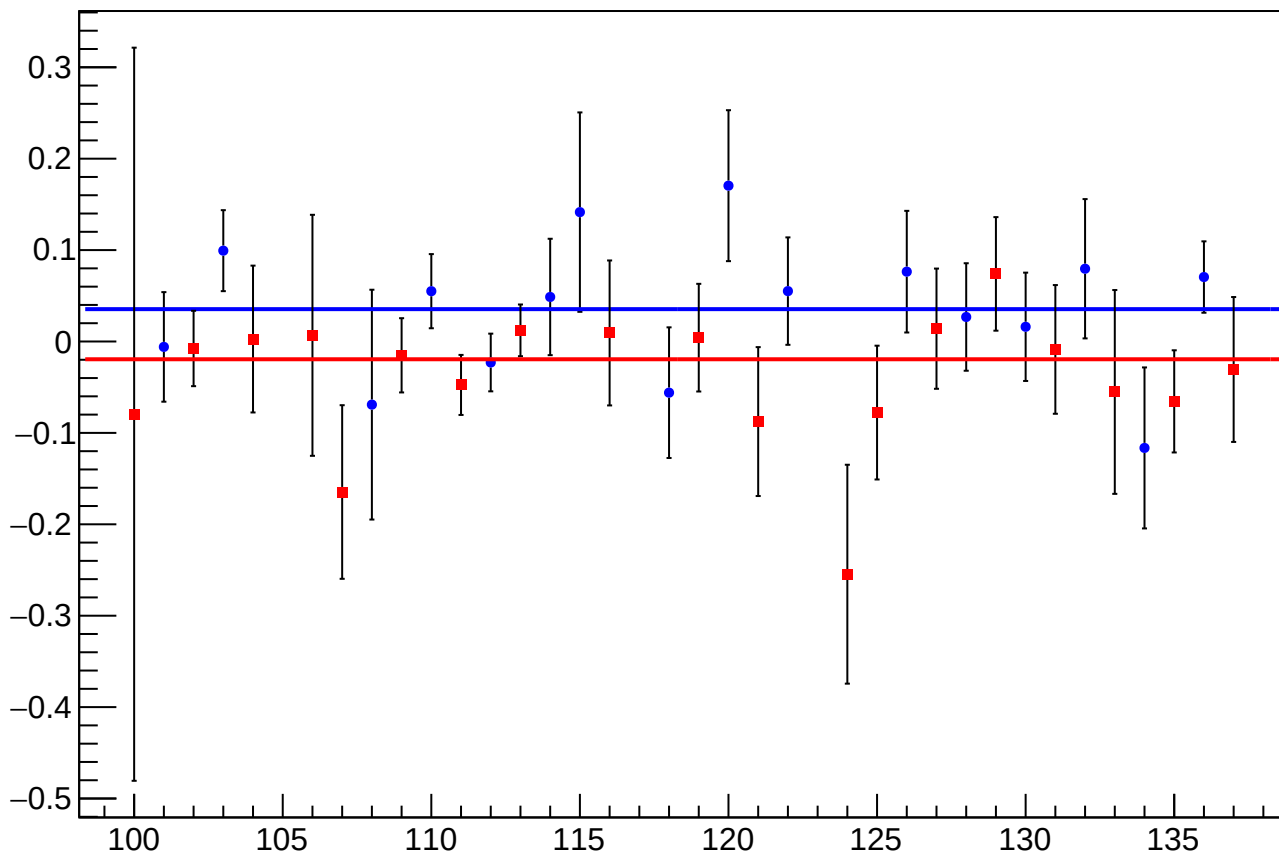
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 2418011.3/34

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 ± 0.014 $\chi^2/\text{NDF}: 16.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.019 ± 0.013 $\chi^2/\text{NDF}: 13.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

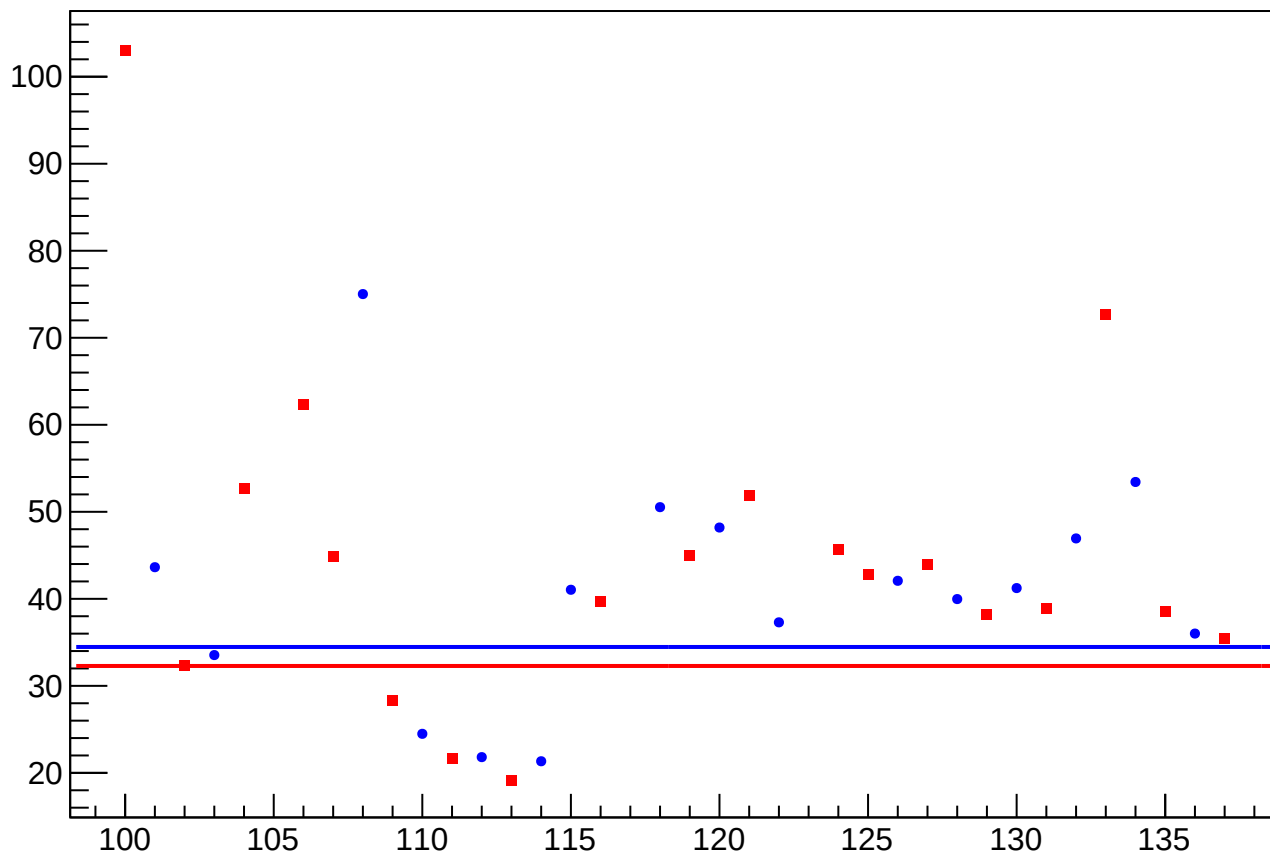
Right: 0.006 ± 0.010 $\chi^2/\text{NDF}: 38.6/34$

In: 0.035 ± 0.014 $\chi^2/\text{NDF}: 16.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.006 ± 0.010 $\chi^2/\text{NDF}: 38.6/34$

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.285+/-0.009 χ^2/NDF : 1672637.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

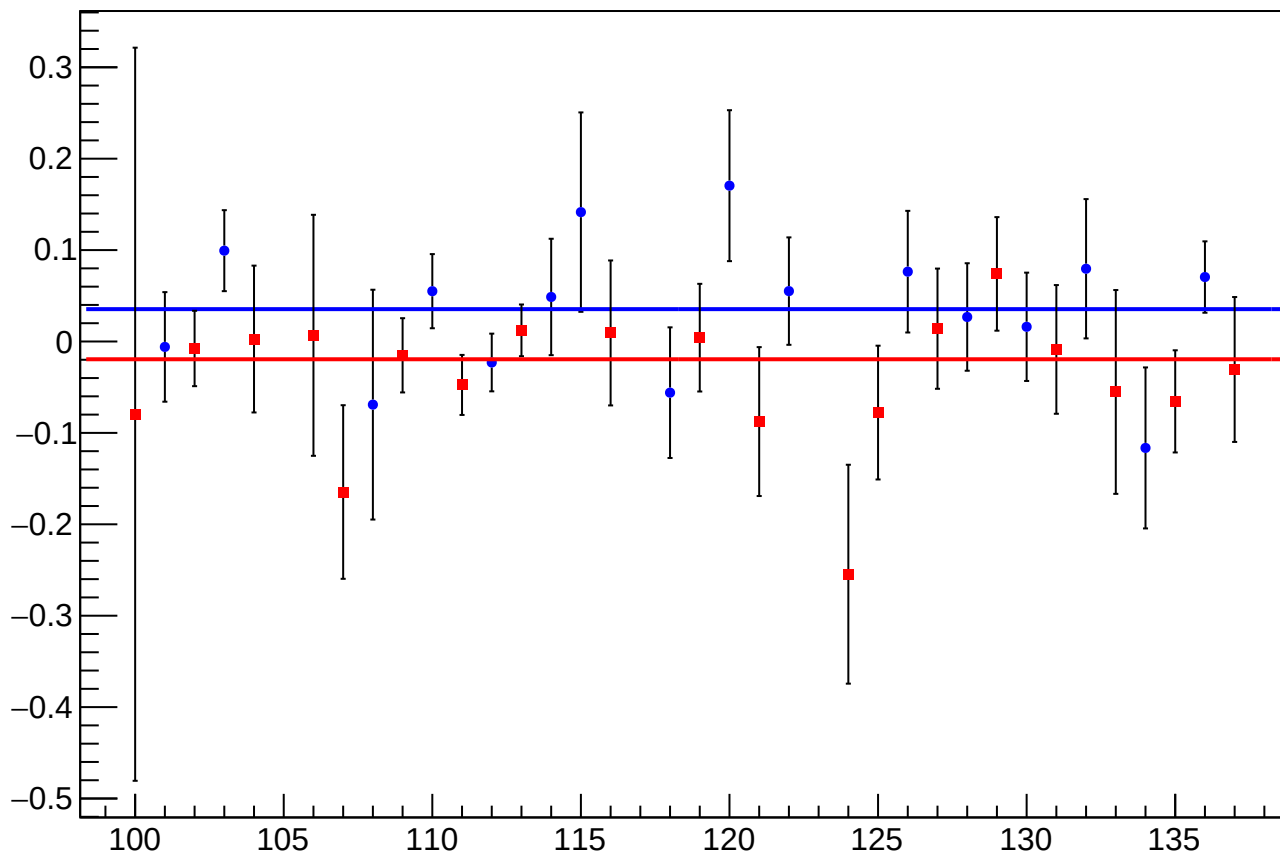
Right: 33.314+/-0.007 χ^2/NDF : 2869944.8/34

In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.314+/-0.007 χ^2/NDF : 2869944.8/34

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.014 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.013 χ^2 /NDF: 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

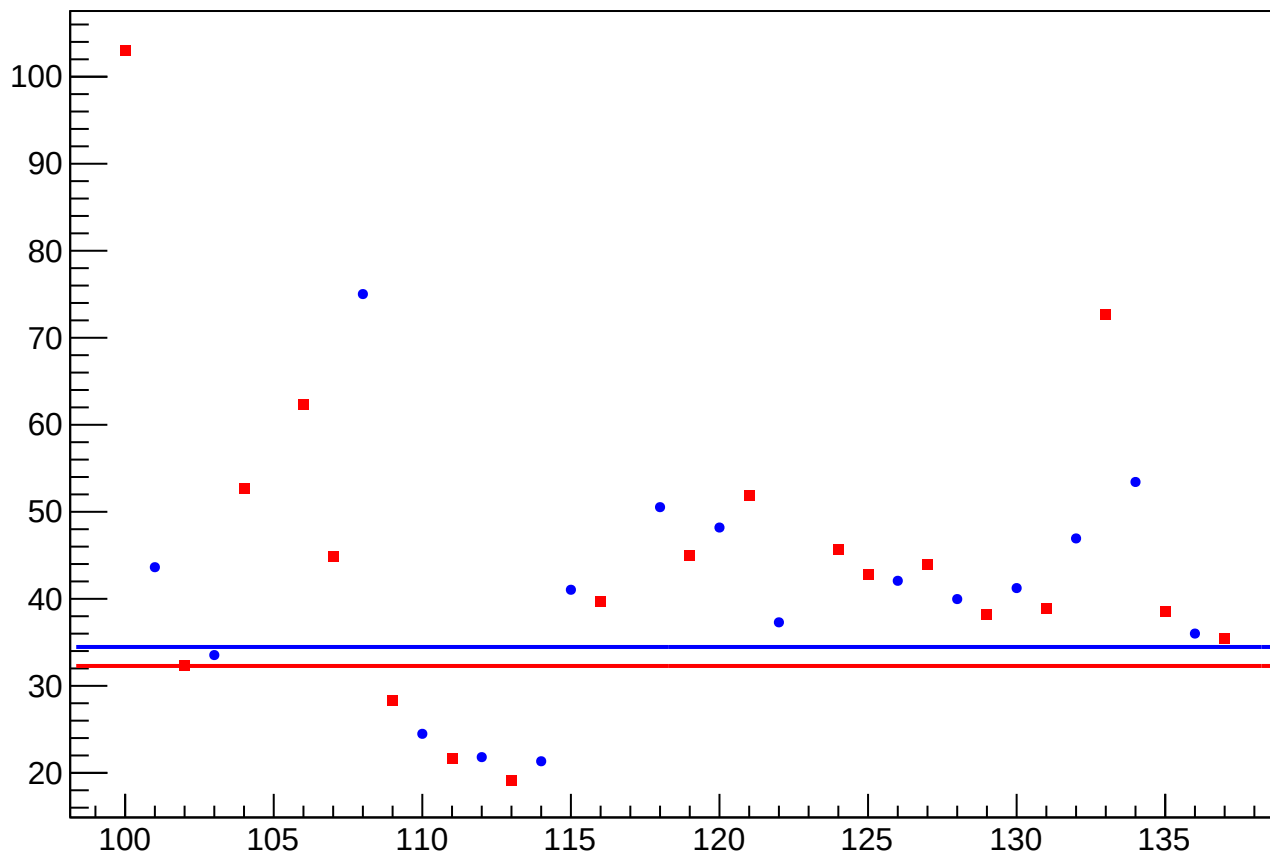
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

In: 0.035 $\pm$ 0.014 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.285+/-0.009 χ^2/NDF : 1672637.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

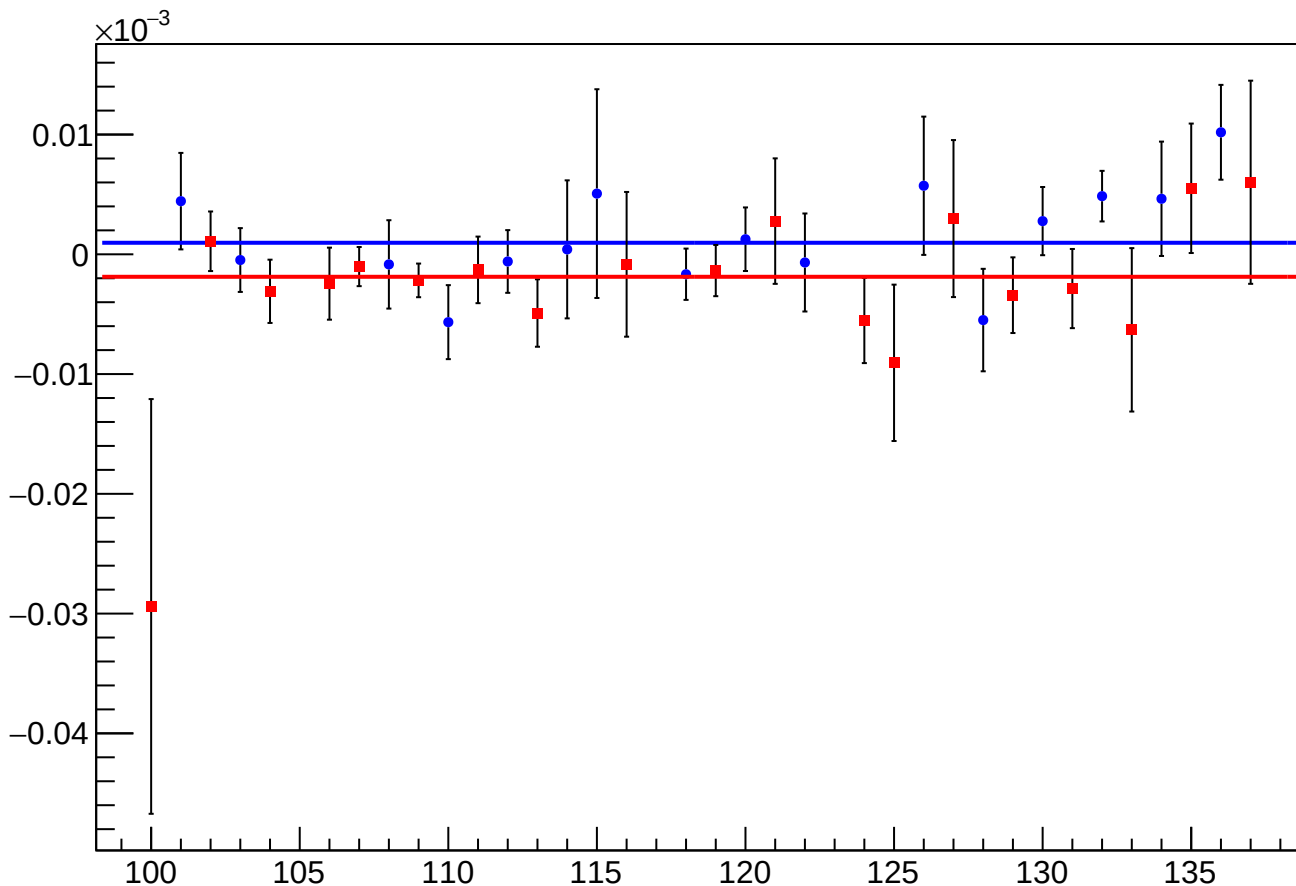
Right: 33.314+/-0.007 χ^2/NDF : 2869944.8/34

In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.314+/-0.007 χ^2/NDF : 2869944.8/34

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 12.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

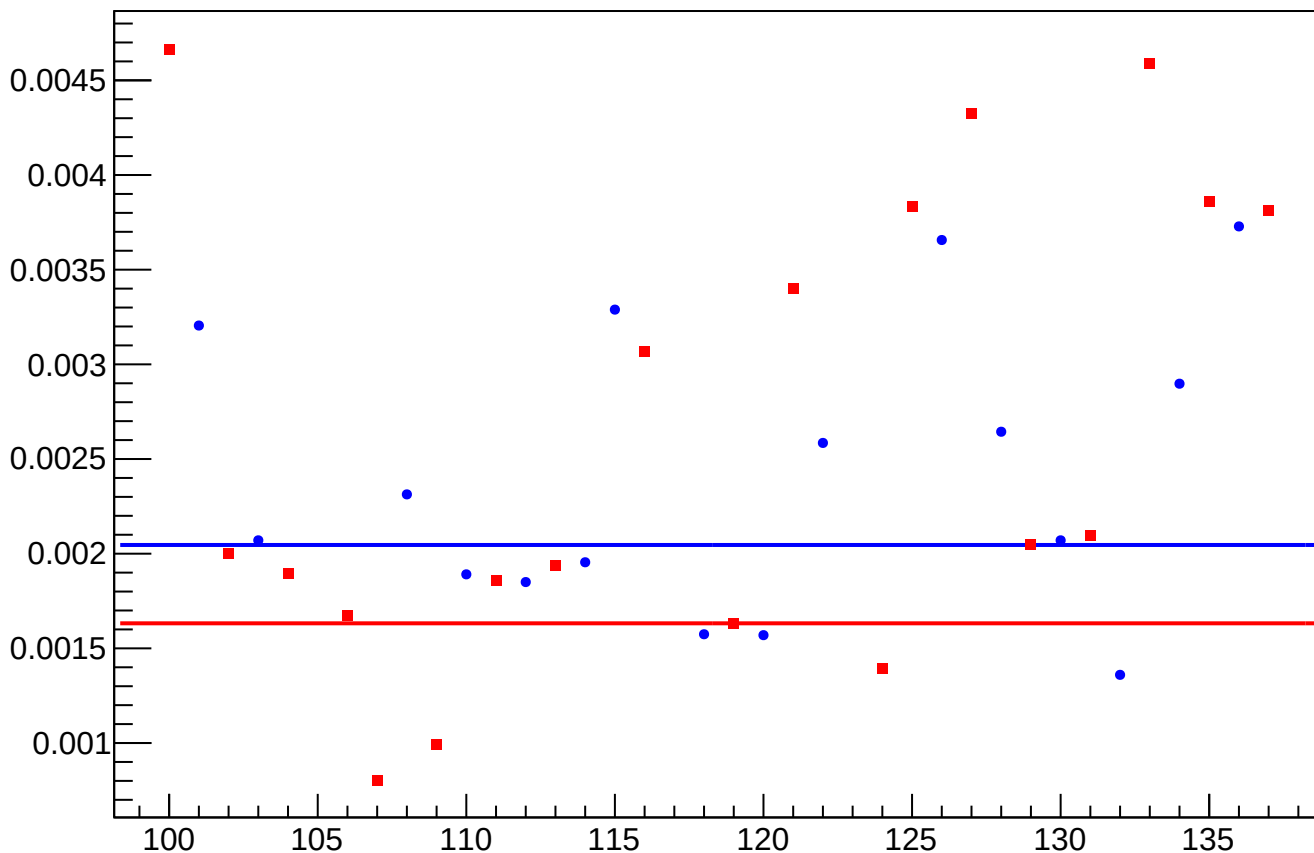
Right: -0.000+/-0.000 χ^2/NDF : 41.1/34

In: 0.000+/-0.000 χ^2/NDF : 20.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 41.1/34

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 1260485.9/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000

χ^2/NDF : 2928991.9/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 4499888.8/34

In: 0.002+/-0.000

χ^2/NDF : 1260485.9/15

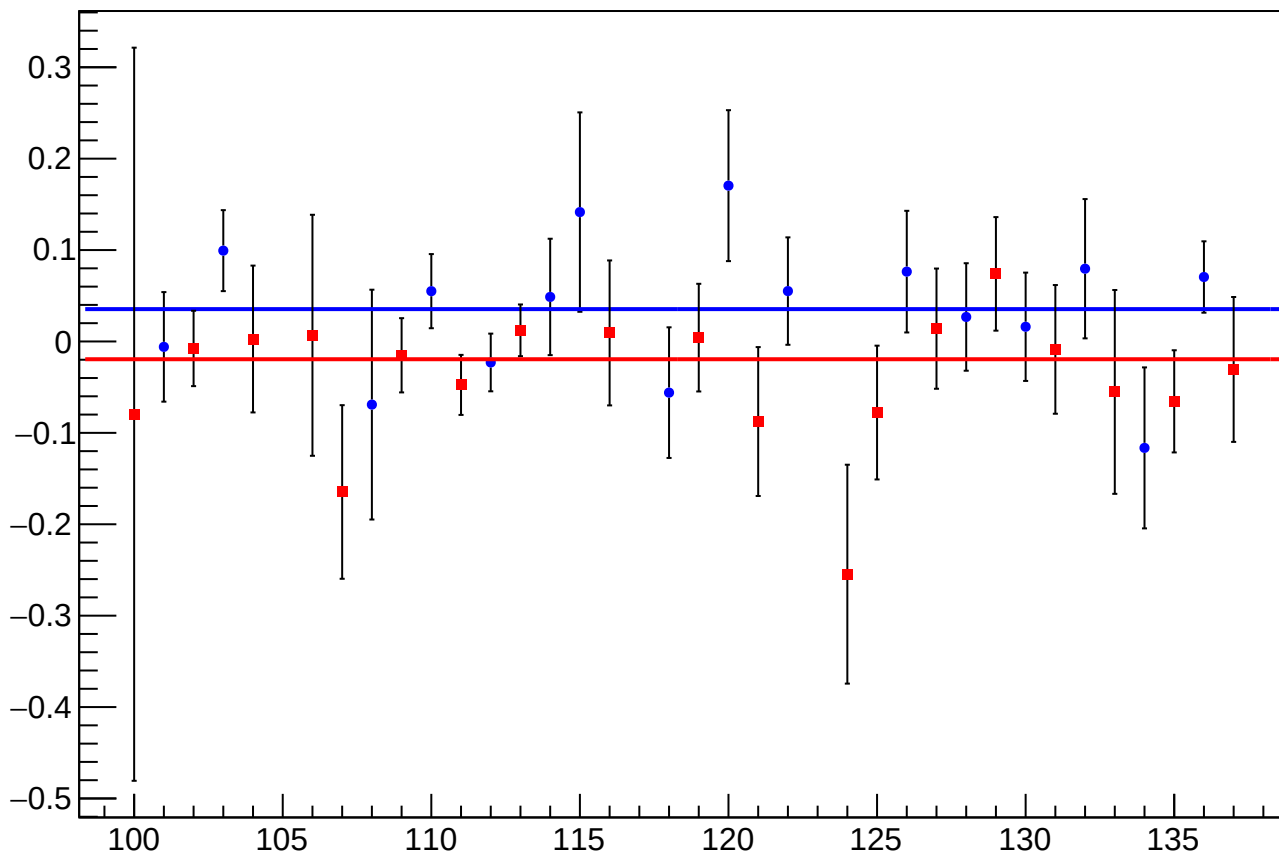
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4499888.8/34

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.014 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.013 χ^2 /NDF: 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

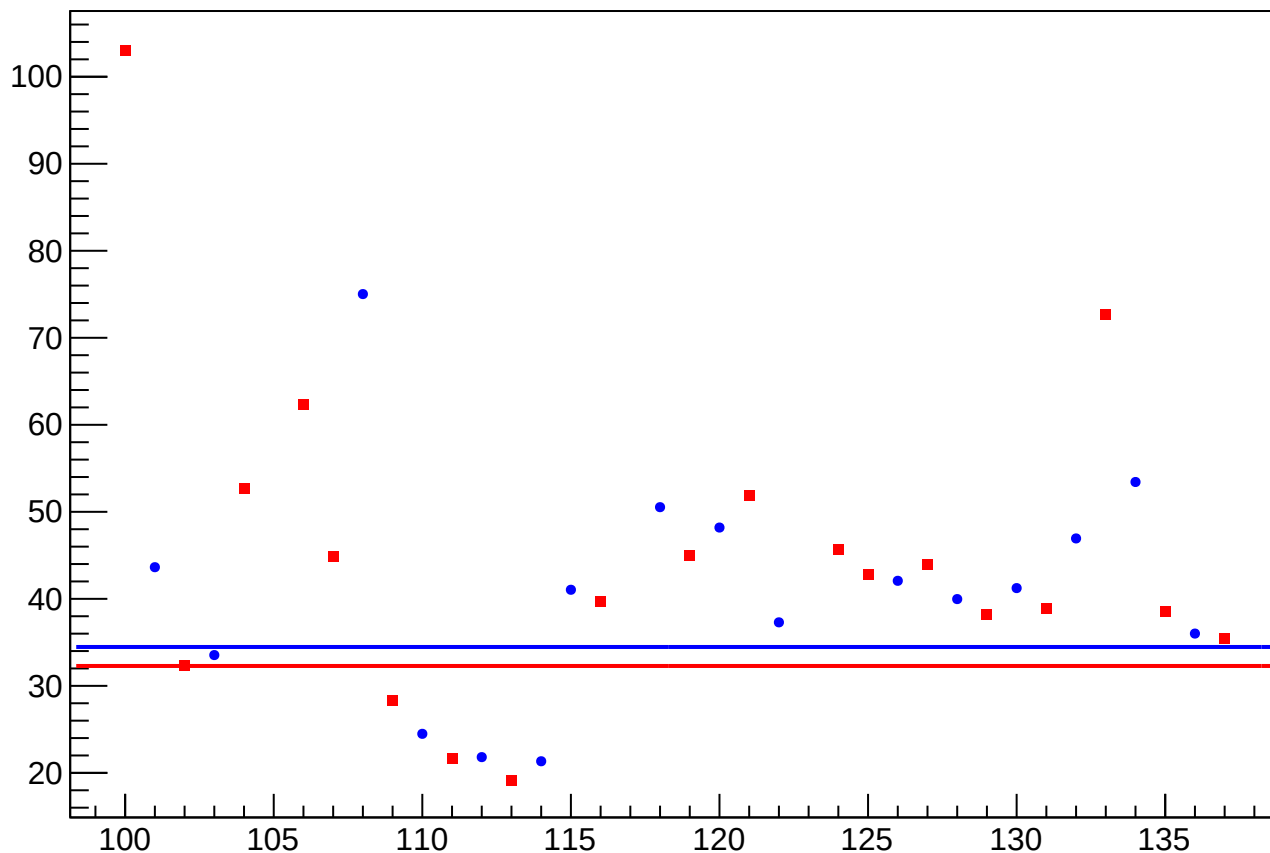
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

In: 0.035 $\pm$ 0.014 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.285+/-0.009 χ^2/NDF : 1672606.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

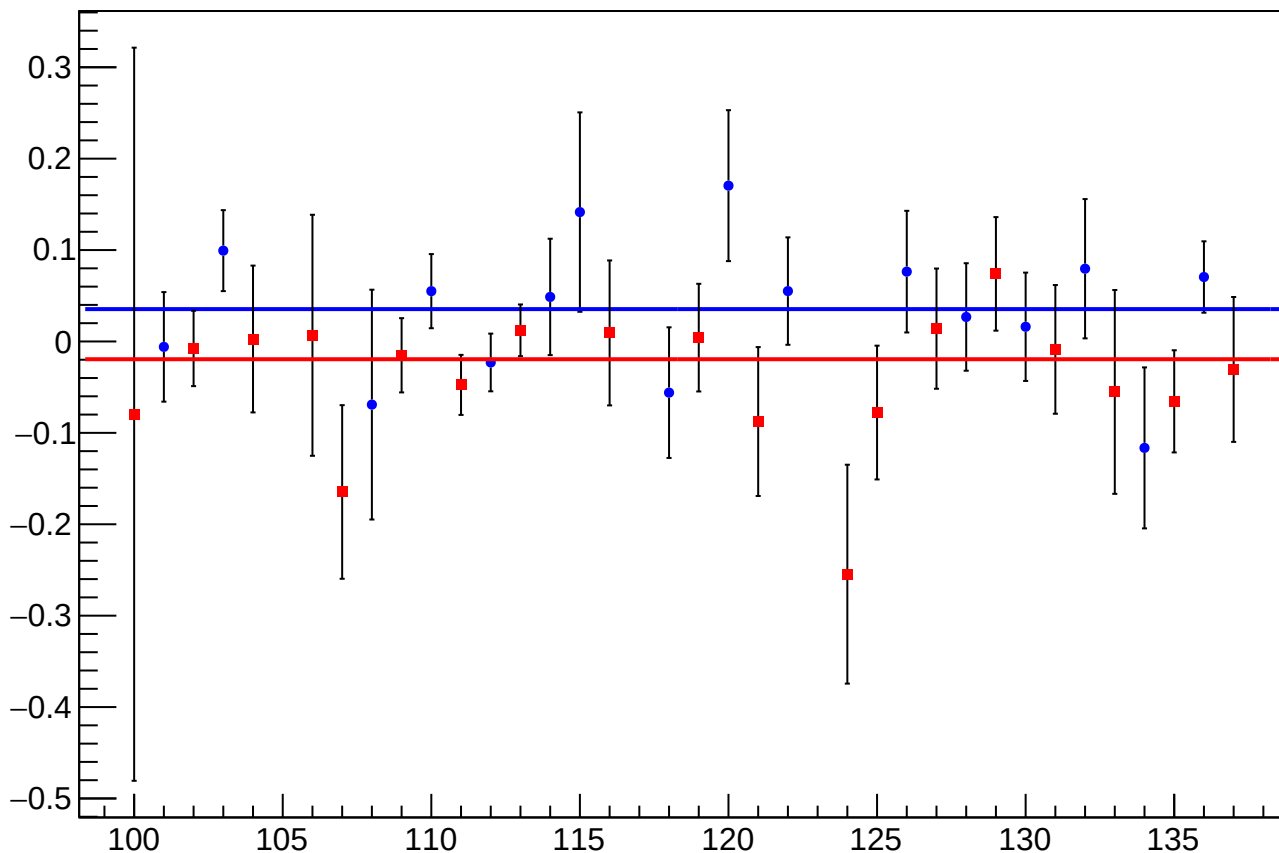
Right: 33.315+/-0.007 χ^2/NDF : 2869868.2/34

In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.315+/-0.007 χ^2/NDF : 2869868.2/34

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035 $\pm$ 0.014 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.013 χ^2 /NDF: 13.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

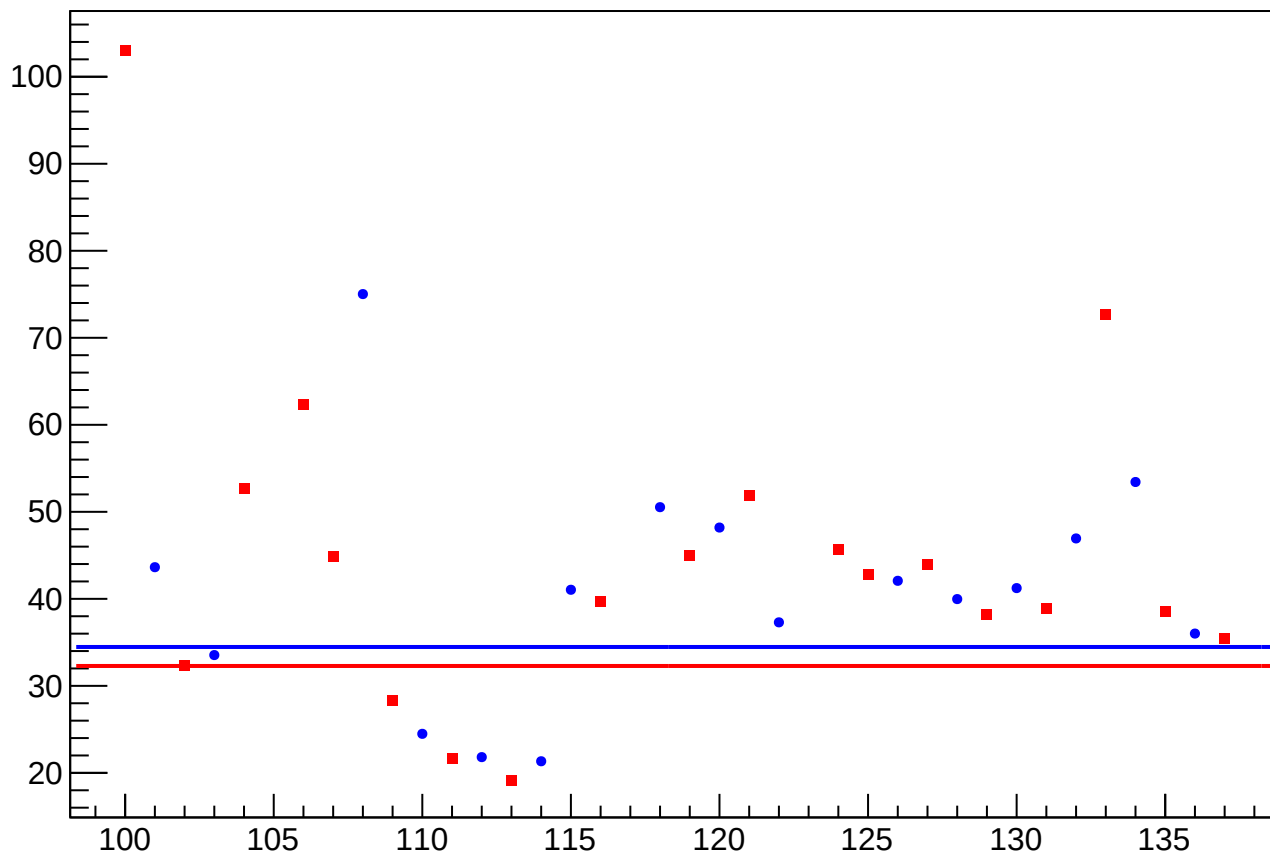
Right: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

In: 0.035 $\pm$ 0.014 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.006 $\pm$ 0.010 χ^2 /NDF: 38.6/34

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.285+/-0.009 χ^2/NDF : 1672606.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

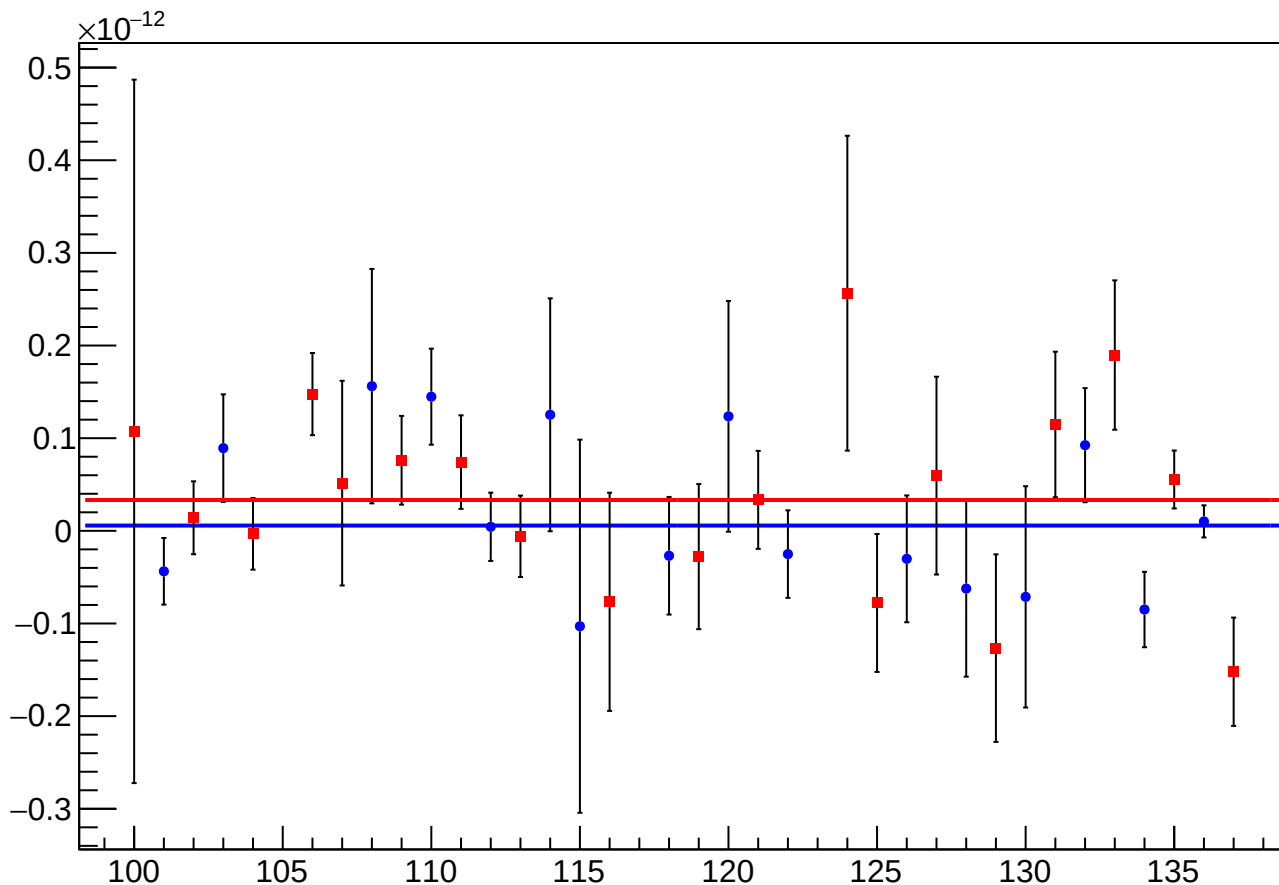
Right: 33.315+/-0.007 χ^2/NDF : 2869868.2/34

In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.315+/-0.007 χ^2/NDF : 2869868.2/34

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 33.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

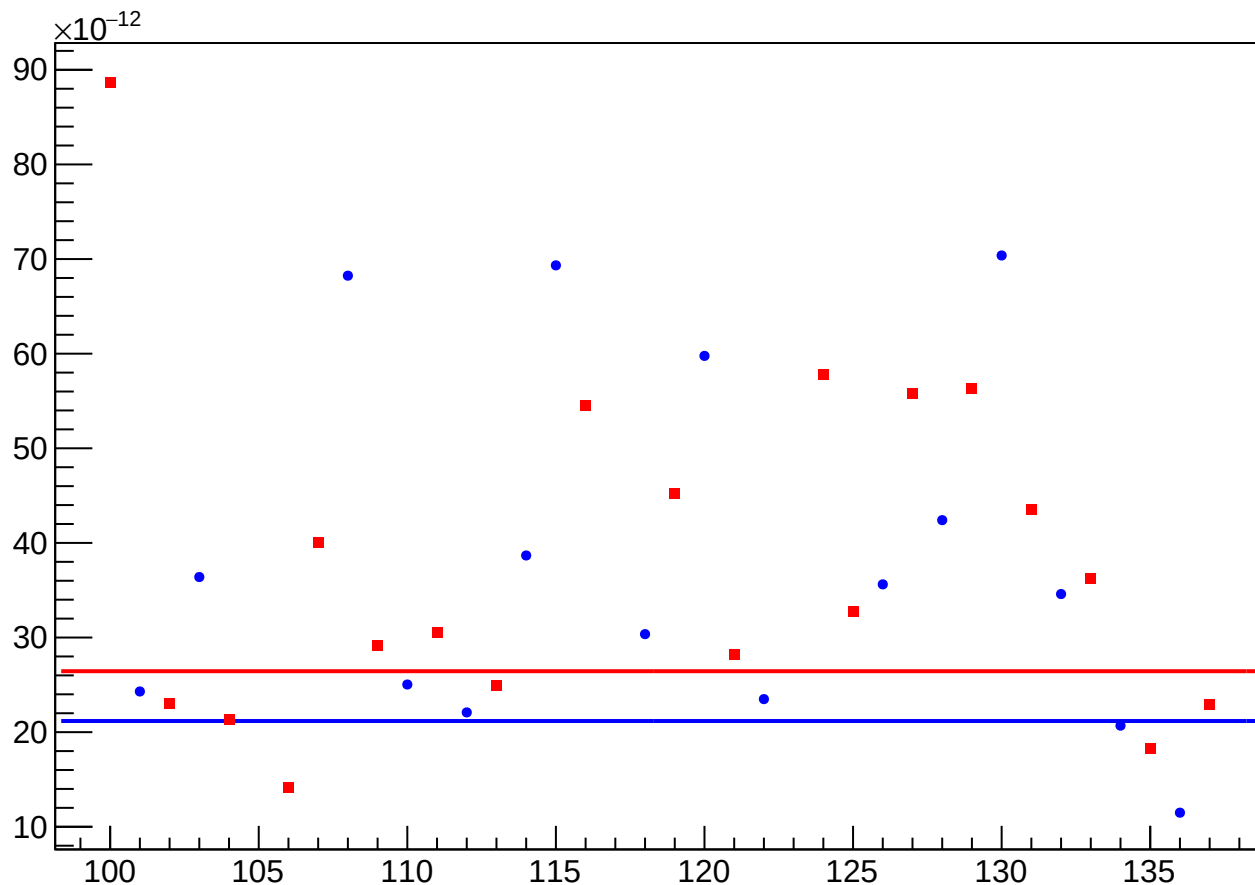
Right: 0.000+/-0.000 χ^2/NDF : 59.6/34

In: 0.000+/-0.000 χ^2/NDF : 23.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 59.6/34

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2081289.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1217987.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

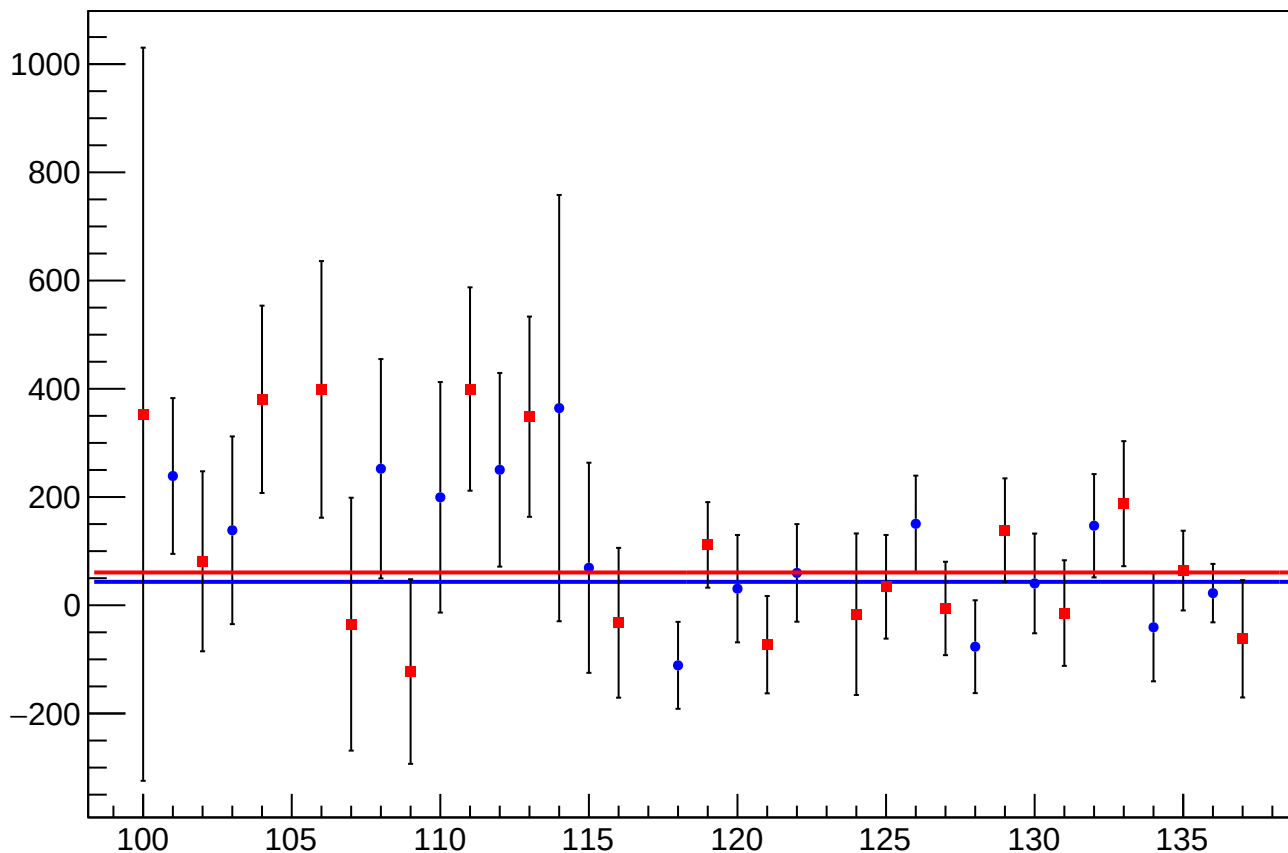
Right: 0.000+/-0.000 χ^2/NDF : 3483999.9/34

In: 0.000+/-0.000 χ^2/NDF : 2081289.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3483999.9/34

reg_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 43.247+/-25.781 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.582+/-26.894 χ^2/NDF : 20.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

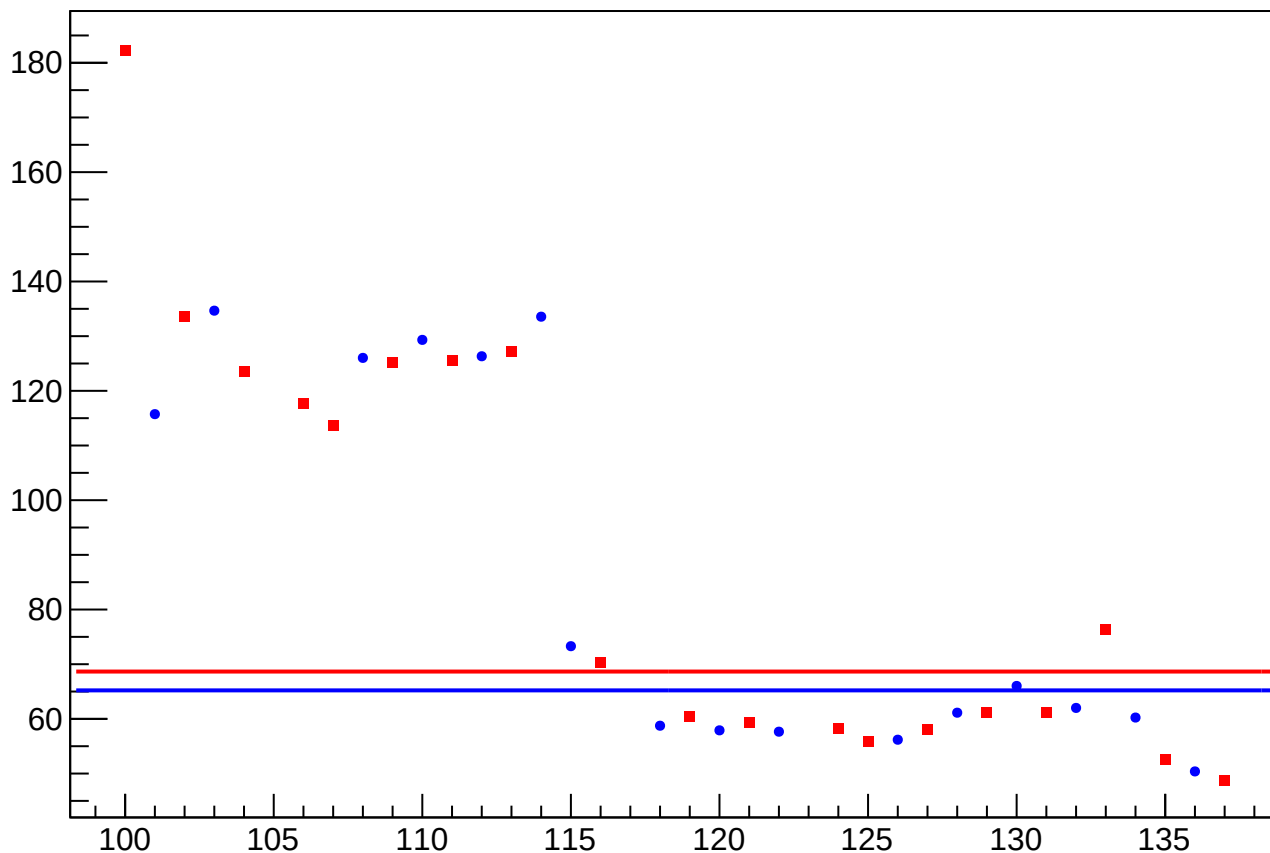
Right: 51.548+/-18.611 χ^2/NDF : 35.6/34

In: 43.247+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.548+/-18.611 χ^2/NDF : 35.6/34

reg_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 65.212+/-0.018 χ^2/NDF : 1446504.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 68.656+/-0.019 χ^2/NDF : 1640900.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

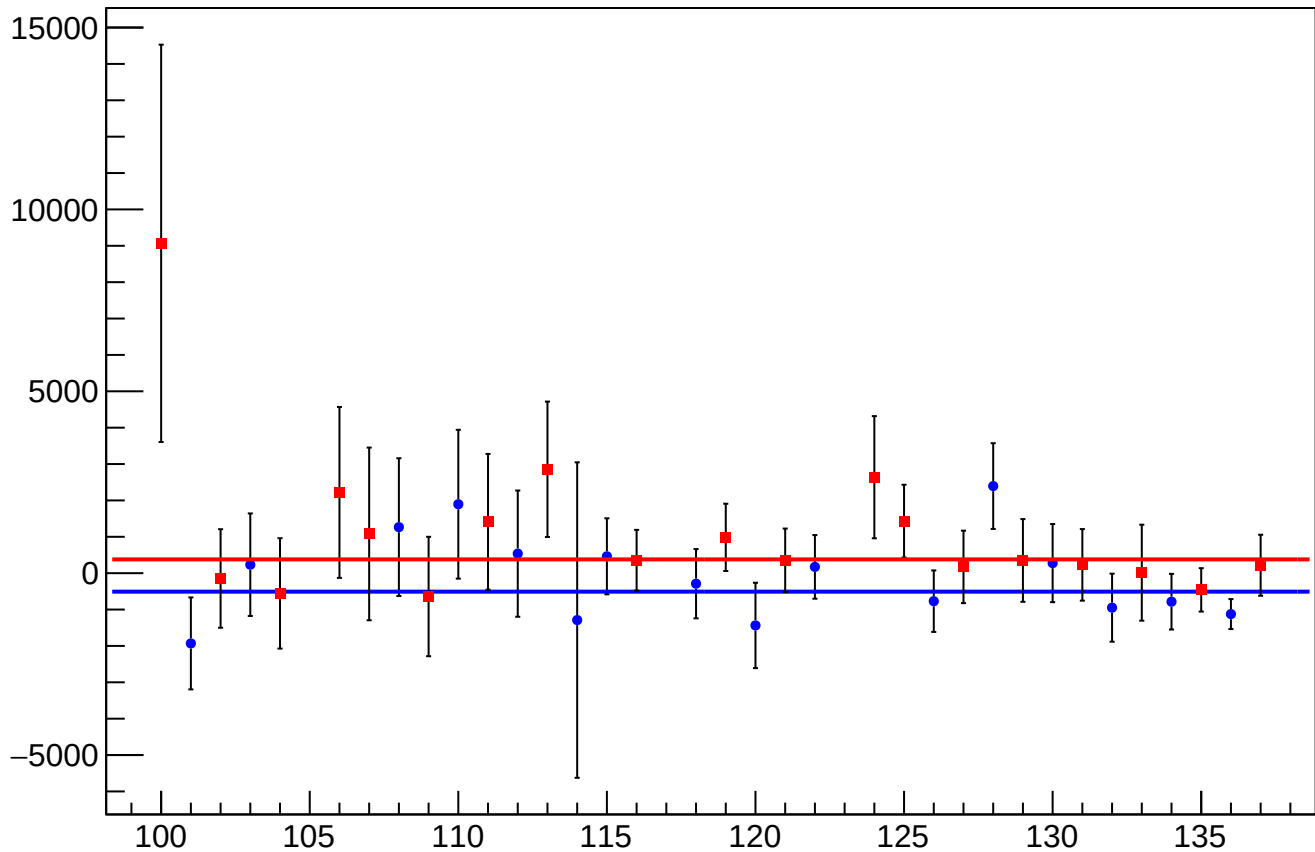
Right: 66.862+/-0.013 χ^2/NDF : 3104495.7/34

In: 65.212+/-0.018 χ^2/NDF :1446504.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 66.862+/-0.013 χ^2/NDF : 3104495.7/34

asym_sam_1526_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -507.928+/-236.945 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.892+/-256.407 χ^2/NDF : 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

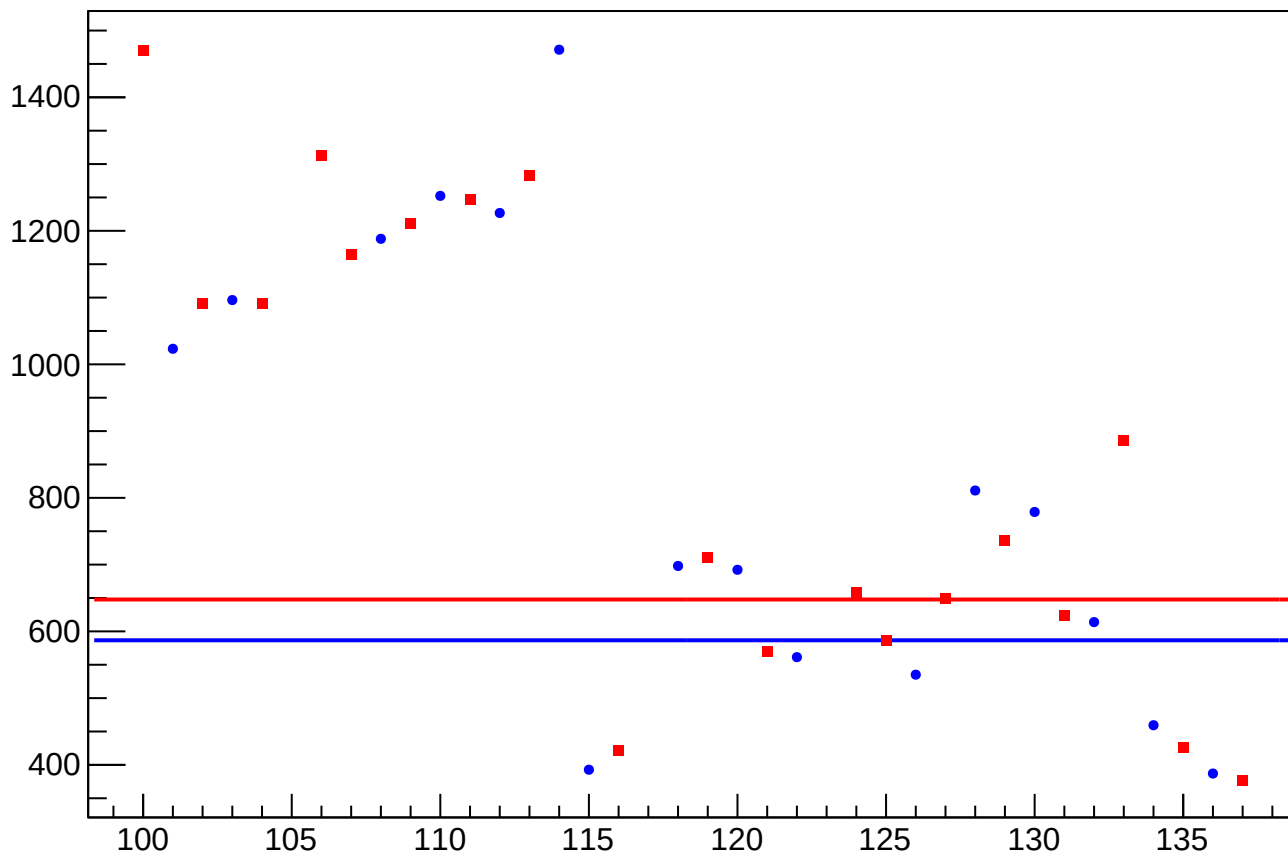
Right: -99.449+/-174.019 χ^2/NDF : 33.8/34

In: -507.928+/-236.945 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.449+/-174.019 χ^2/NDF : 33.8/34

asym_sam_1526_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 586.645+/-0.168 χ^2/NDF : 2053133.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 647.736+/-0.181 χ^2/NDF : 2105638.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

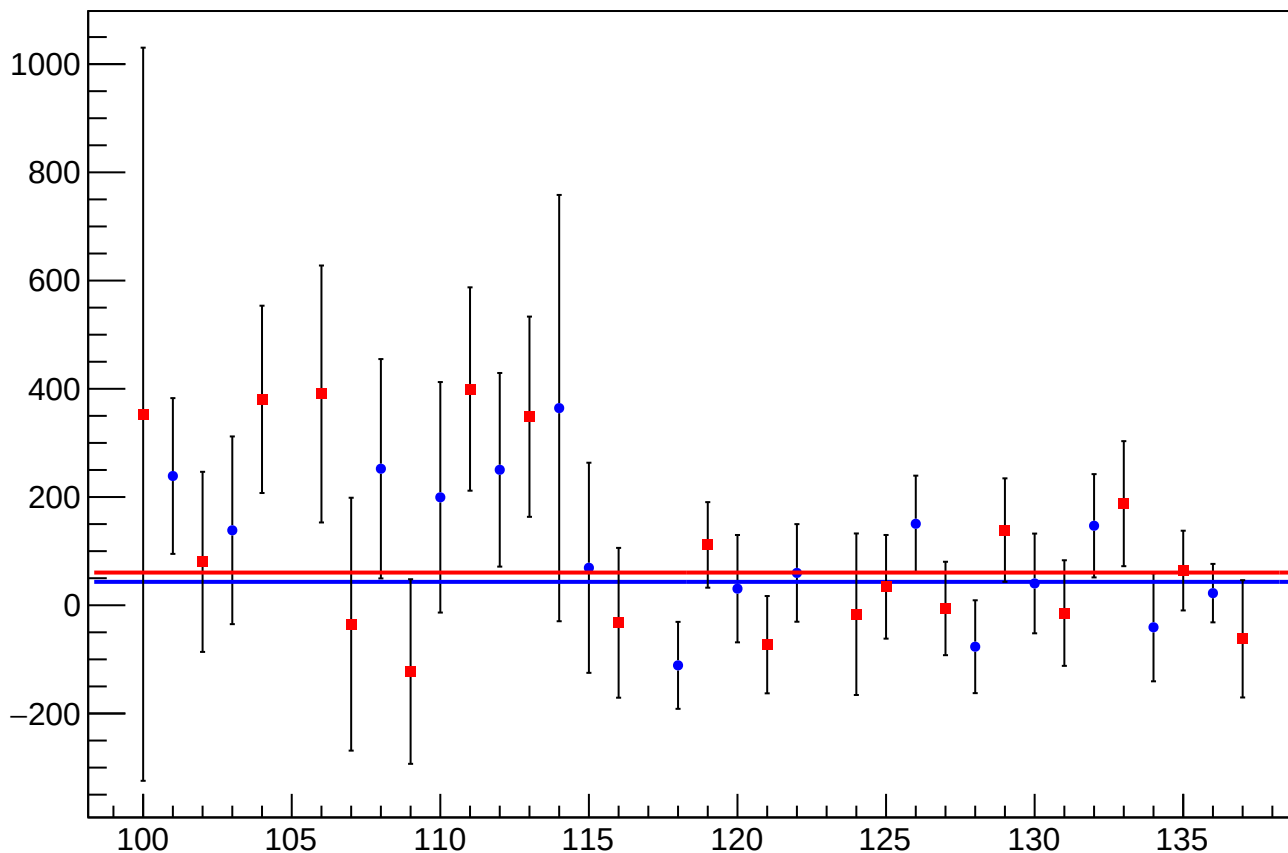
Right: 614.784+/-0.123 χ^2/NDF : 4220010.2/34

In: 586.645+/-0.168 χ^2/NDF : 2053133.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.784+/-0.123 χ^2/NDF : 4220010.2/34

cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.432+/-26.895 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

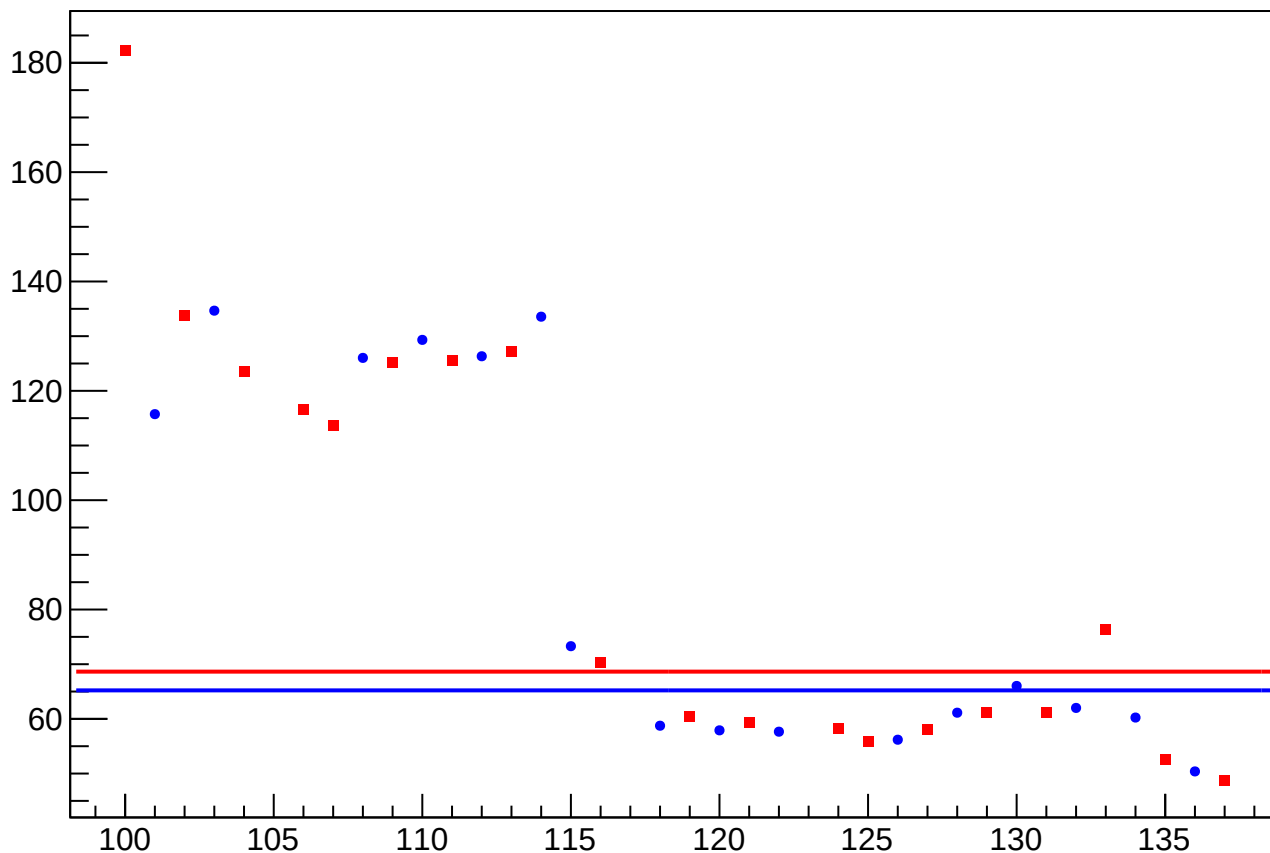
Right: 51.472+/-18.611 χ^2/NDF : 35.5/34

In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.472+/-18.611 χ^2/NDF : 35.5/34

cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 65.212+/-0.018 χ^2/NDF : 1446506.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.642+/-0.019 χ^2/NDF : 1637558.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

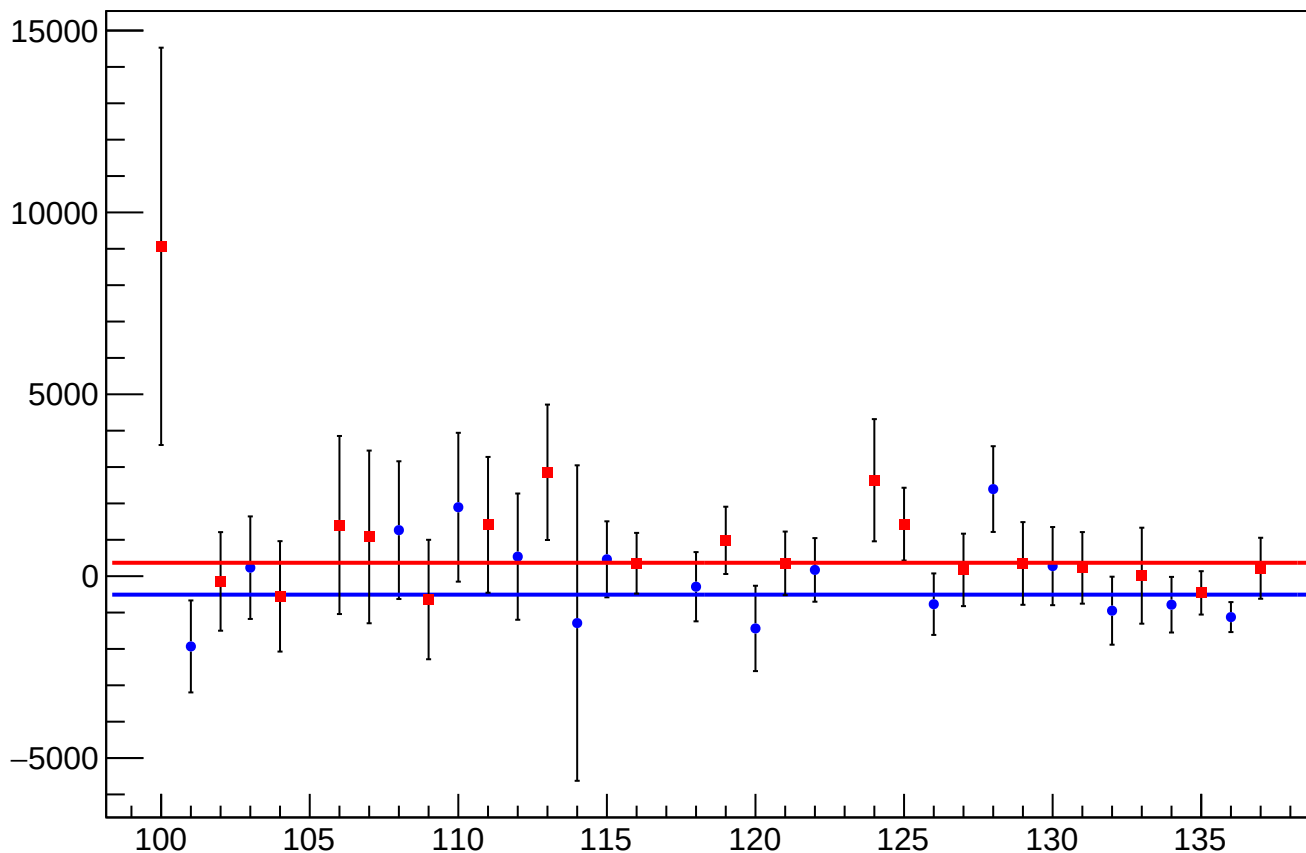
Right: 66.855+/-0.013 χ^2/NDF : 3101012.7/34

In: 65.212+/-0.018 χ^2/NDF : 1446506.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.855+/-0.013 χ^2/NDF : 3101012.7/34

asym_sam_1526_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -507.911 $\pm$ 236.945 χ^2 /NDF: 15.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 368.334 $\pm$ 256.534 χ^2 /NDF: 11.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

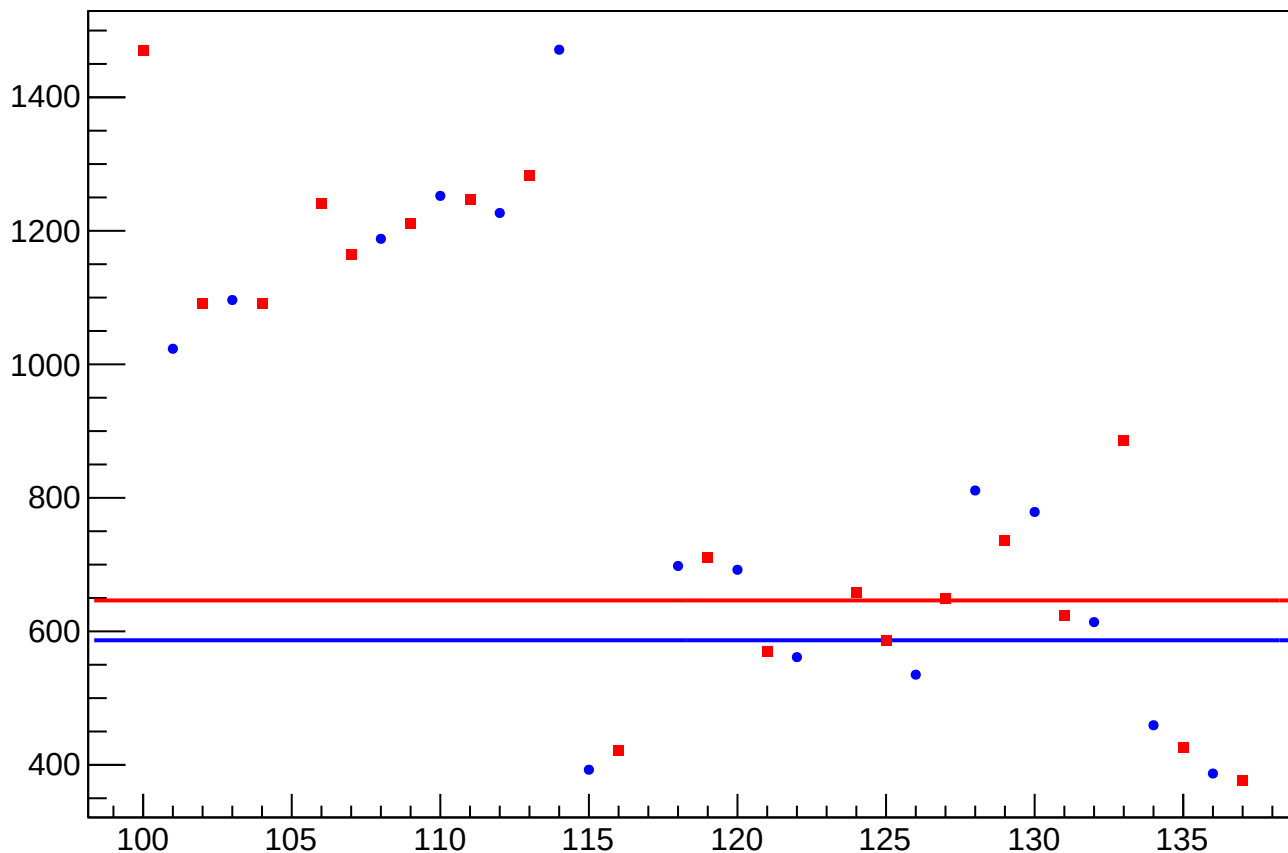
Right: -104.517 $\pm$ 174.059 χ^2 /NDF: 33.2/34

In: -507.911 $\pm$ 236.945 χ^2 /NDF:15.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -104.517 $\pm$ 174.059 χ^2 /NDF: 33.2/34

asym_sam_1526_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.328+/-0.181 χ^2/NDF : 2063185.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

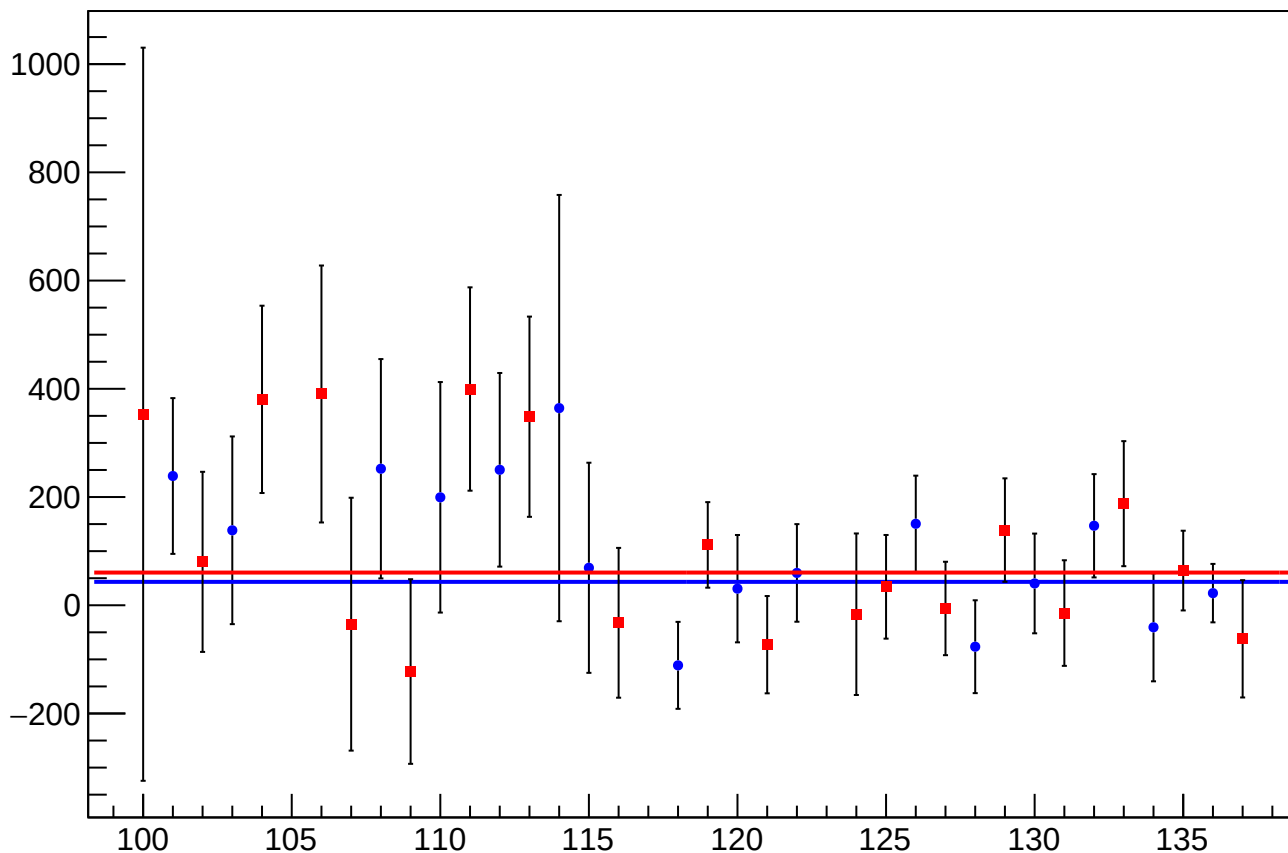
Right: 614.121+/-0.123 χ^2/NDF : 4174772.7/34

In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.121+/-0.123 χ^2/NDF : 4174772.7/34

eigen_cor_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.432+/-26.895 χ^2/NDF : 20.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

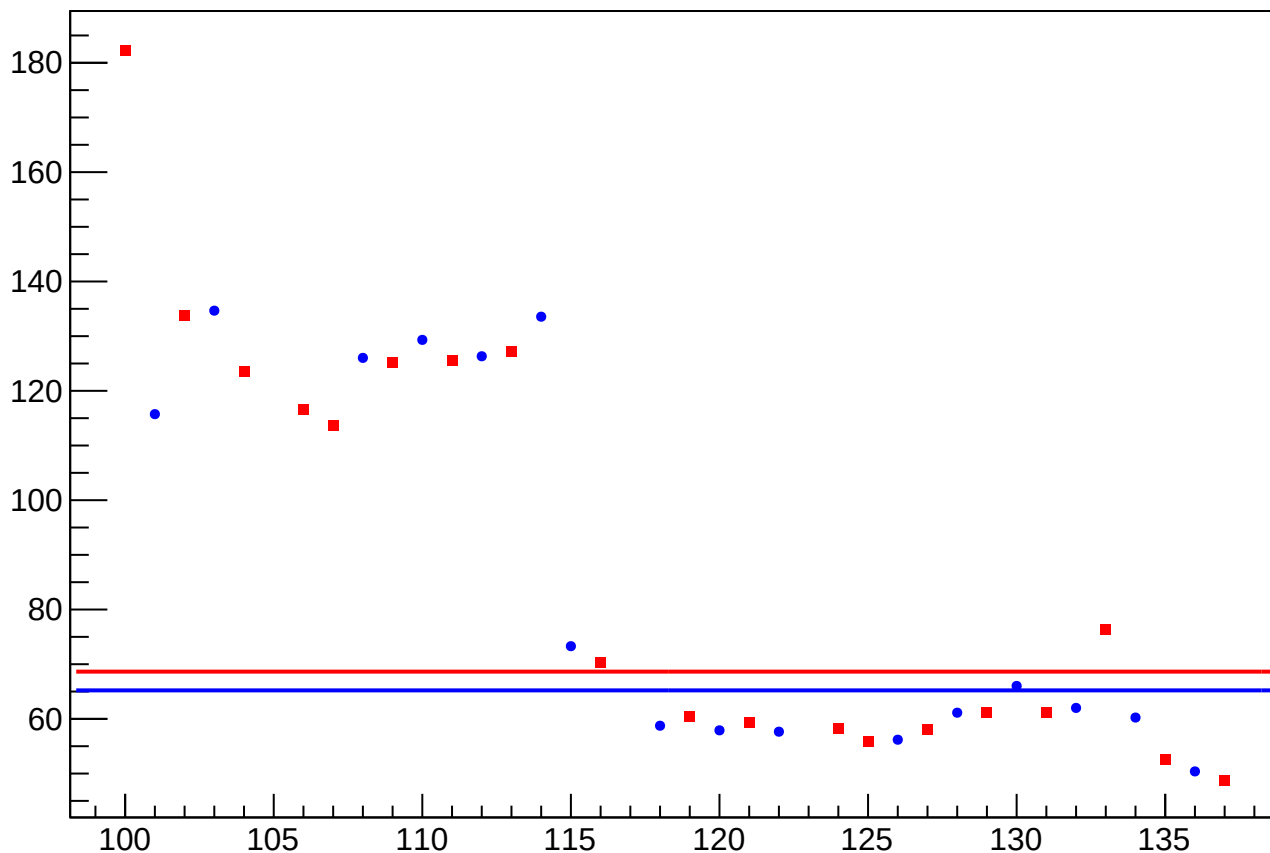
Right: 51.472+/-18.611 χ^2/NDF : 35.5/34

In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.472+/-18.611 χ^2/NDF : 35.5/34

eigen_cor_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 65.212+/-0.018 χ^2/NDF : 1446506.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.642+/-0.019 χ^2/NDF : 1637558.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

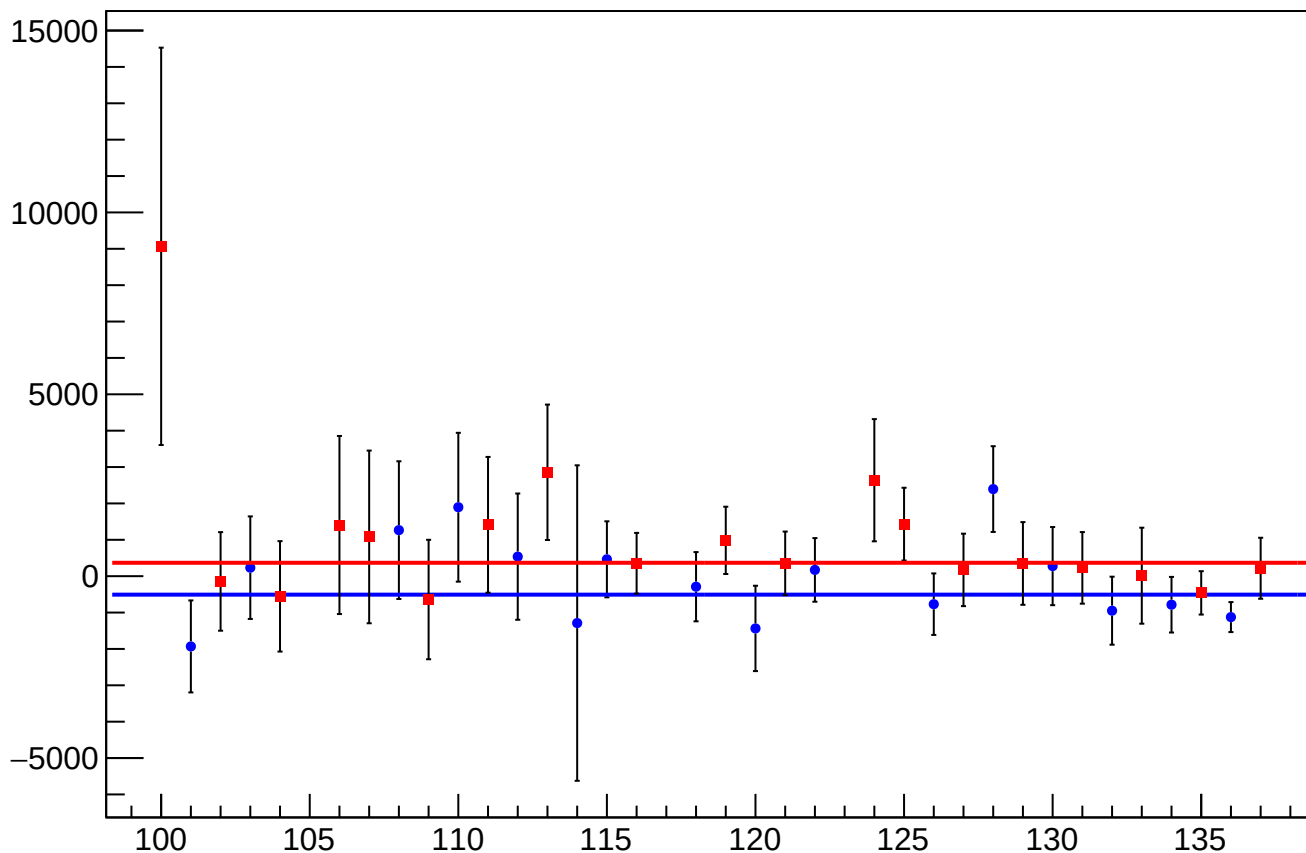
Right: 66.855+/-0.013 χ^2/NDF : 3101012.7/34

In: 65.212+/-0.018 χ^2/NDF : 1446506.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.855+/-0.013 χ^2/NDF : 3101012.7/34

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -507.911+/-236.945 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 368.334+/-256.534 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

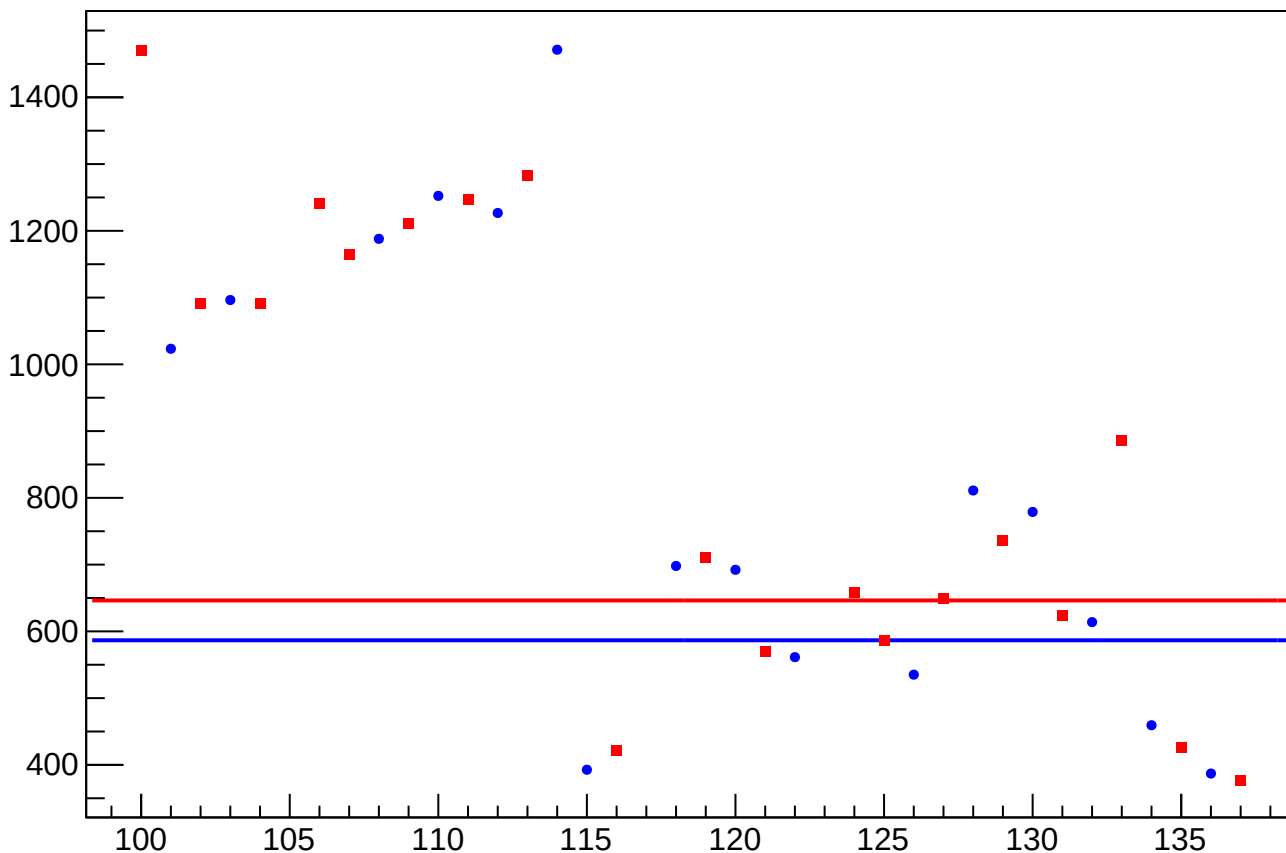
Right: -104.517+/-174.059 χ^2/NDF : 33.2/34

In: -507.911+/-236.945 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -104.517+/-174.059 χ^2/NDF : 33.2/34

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 646.328+/-0.181 χ^2/NDF : 2063185.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

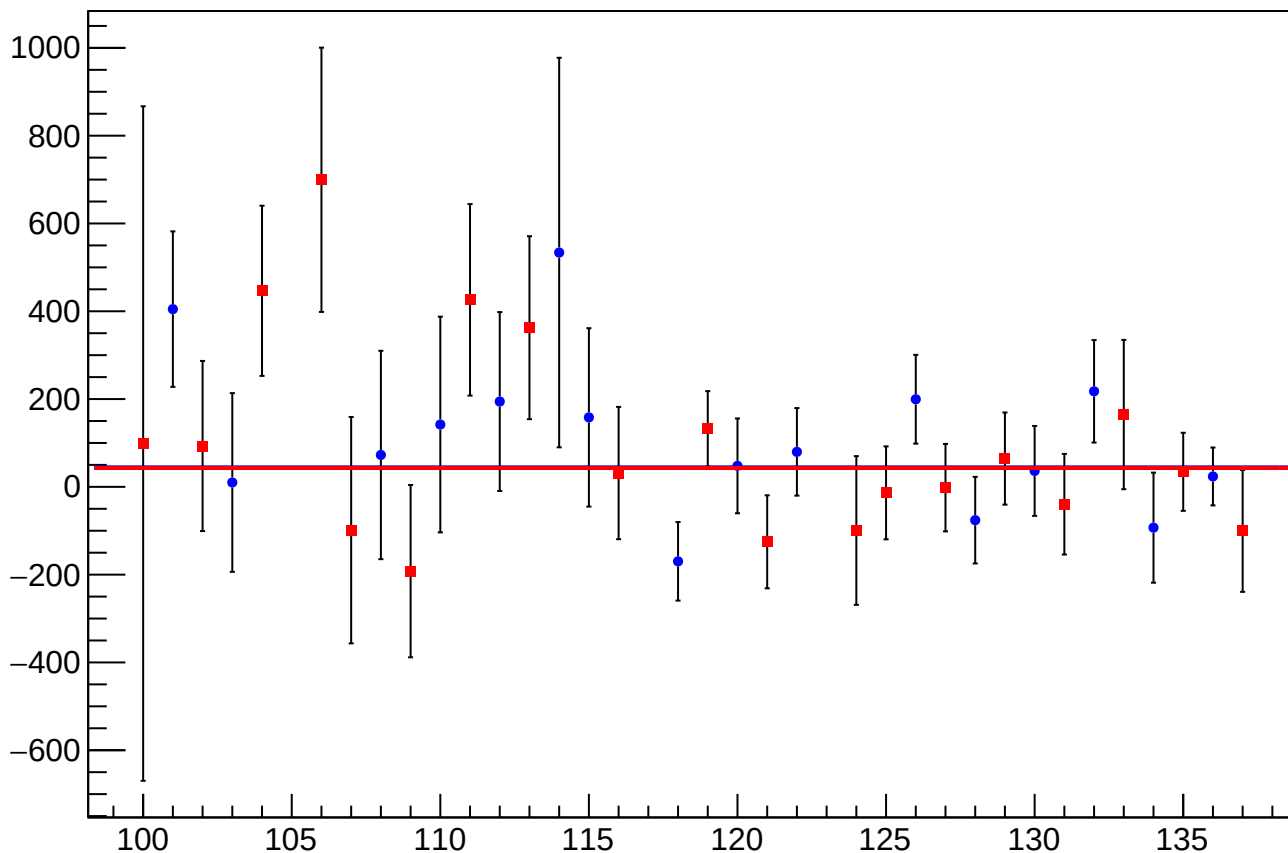
Right: 614.121+/-0.123 χ^2/NDF : 4174772.7/34

In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.121+/-0.123 χ^2/NDF : 4174772.7/34

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 44.387+/-29.909 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.901+/-31.248 χ^2/NDF : 23.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

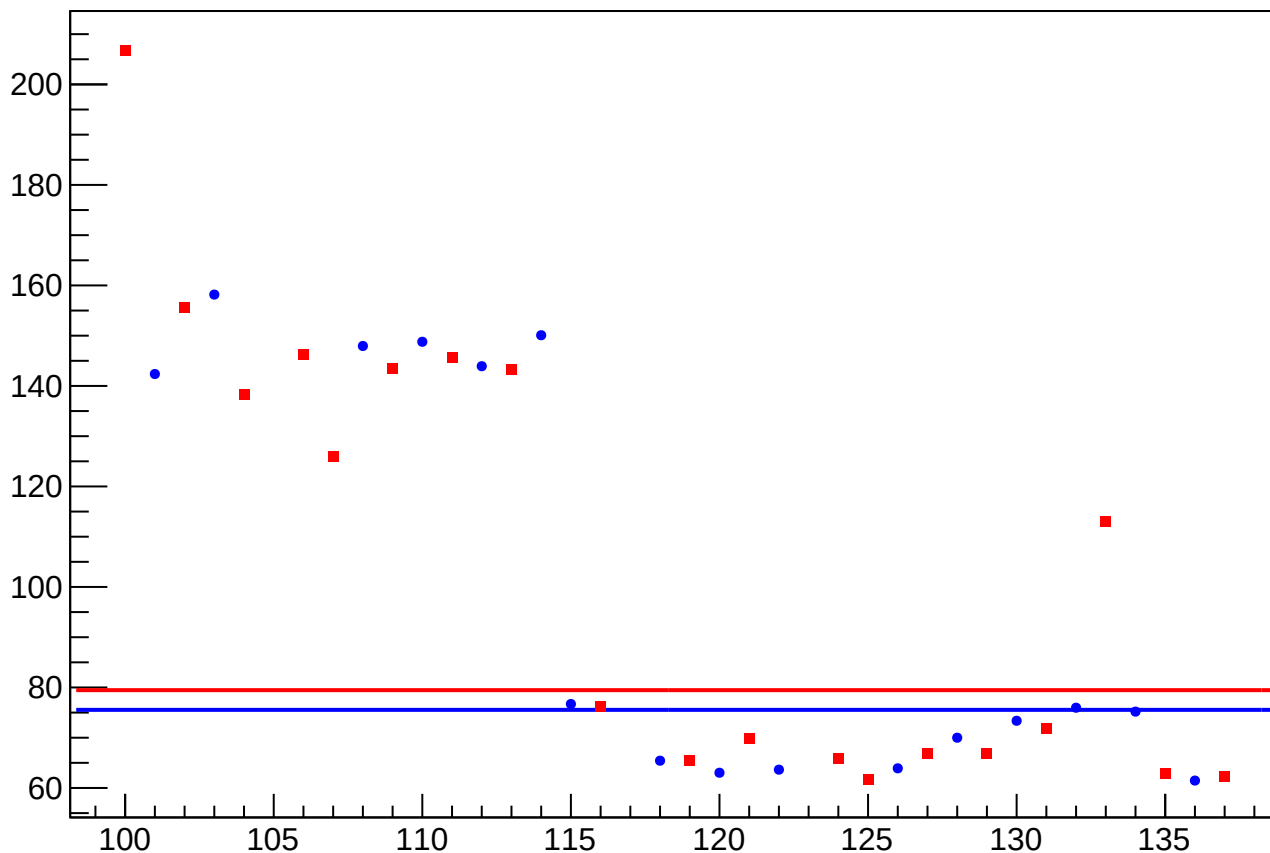
Right: 43.677+/-21.607 χ^2/NDF : 42.9/34

In: 44.387+/-29.909 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.677+/-21.607 χ^2/NDF : 42.9/34

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.544+/-0.021 χ^2/NDF : 1465550.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.465+/-0.022 χ^2/NDF : 1683634.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

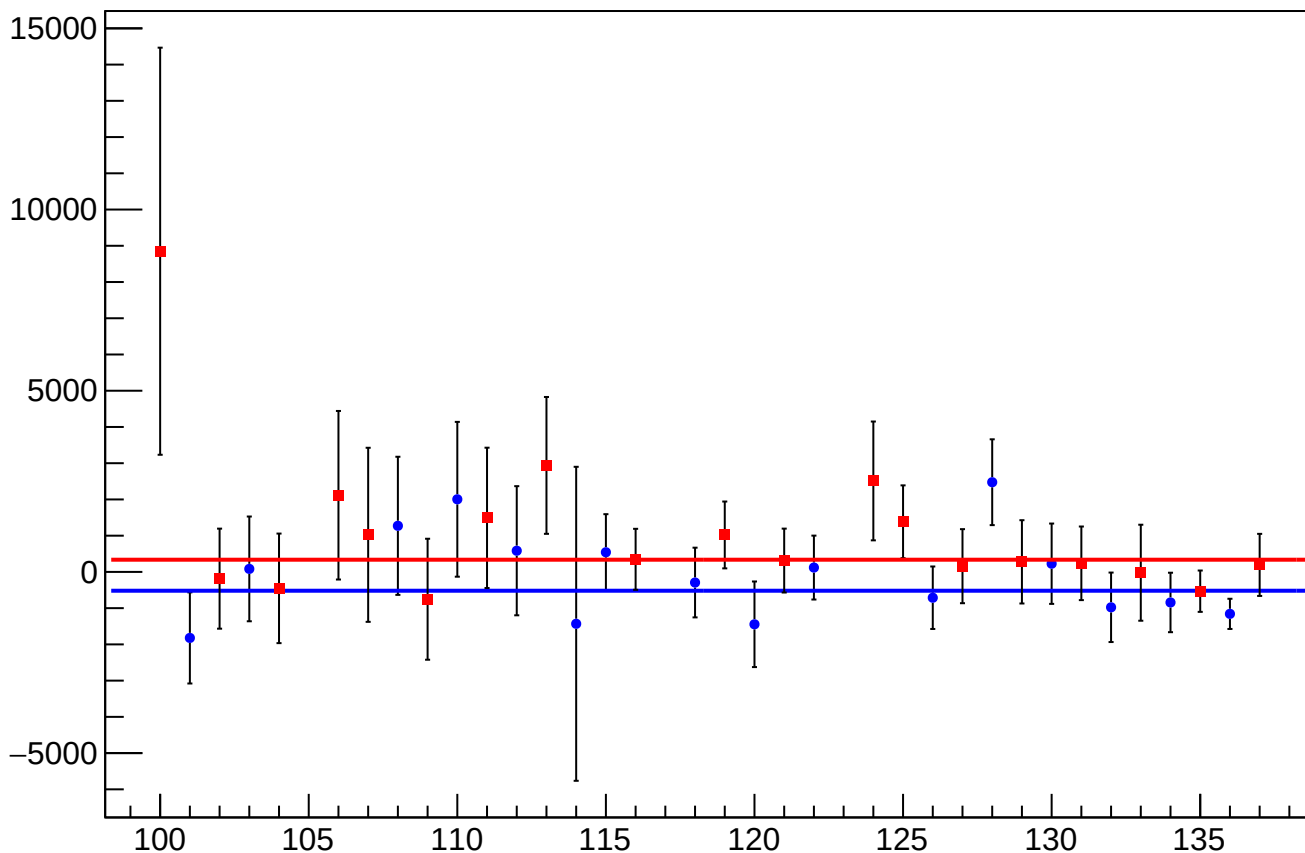
Right: 77.419+/-0.015 χ^2/NDF : 3165620.3/34

In: 75.544+/-0.021 χ^2/NDF : 1465550.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.419+/-0.015 χ^2/NDF : 3165620.3/34

asym_sam_1526_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -519.250+/-241.317 χ^2/NDF : 15.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.731+/-256.618 χ^2/NDF : 11.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

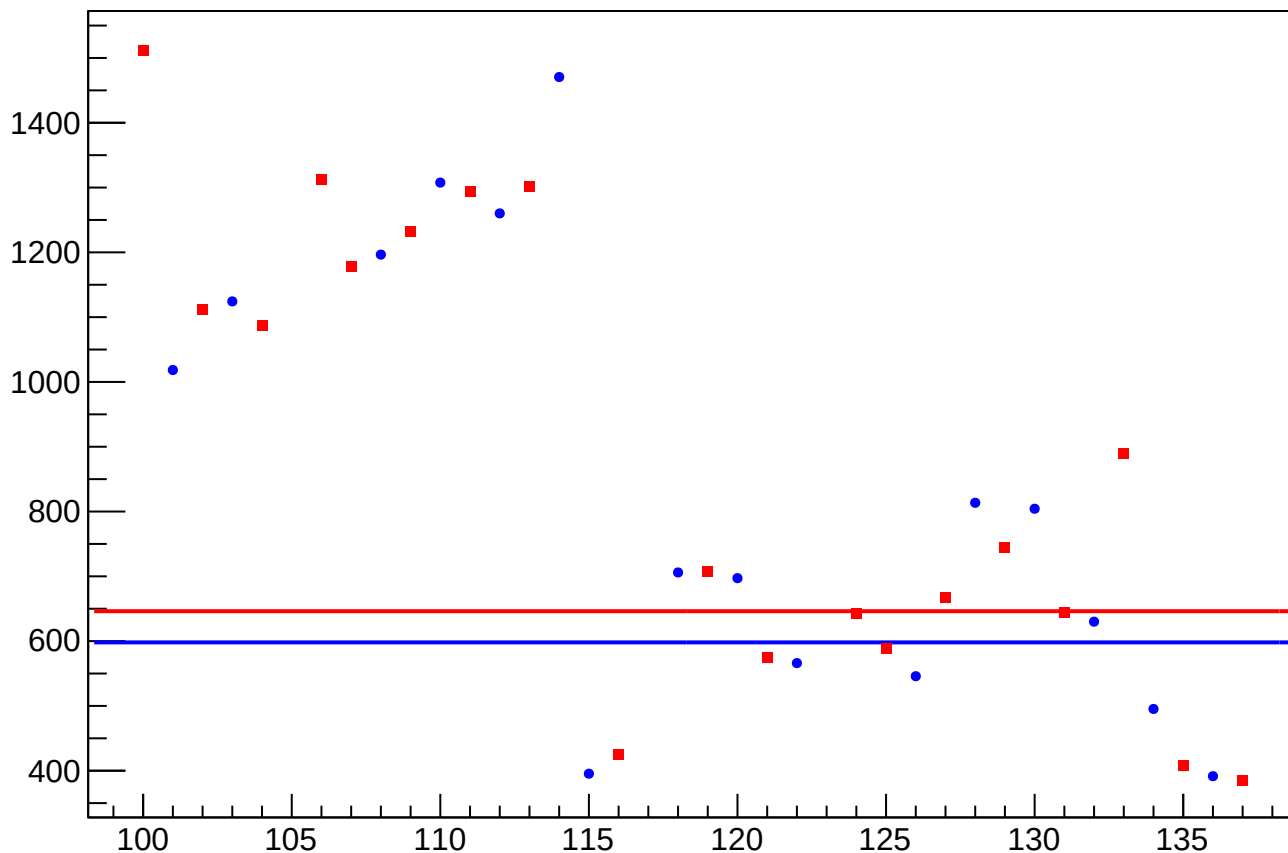
Right: -117.538+/-175.797 χ^2/NDF : 33.6/34

In: -519.250+/-241.317 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.538+/-175.797 χ^2/NDF : 33.6/34

asym_sam_1526_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.044+/-0.171 χ^2/NDF : 2047825.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 646.190+/-0.181 χ^2/NDF : 2205437.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

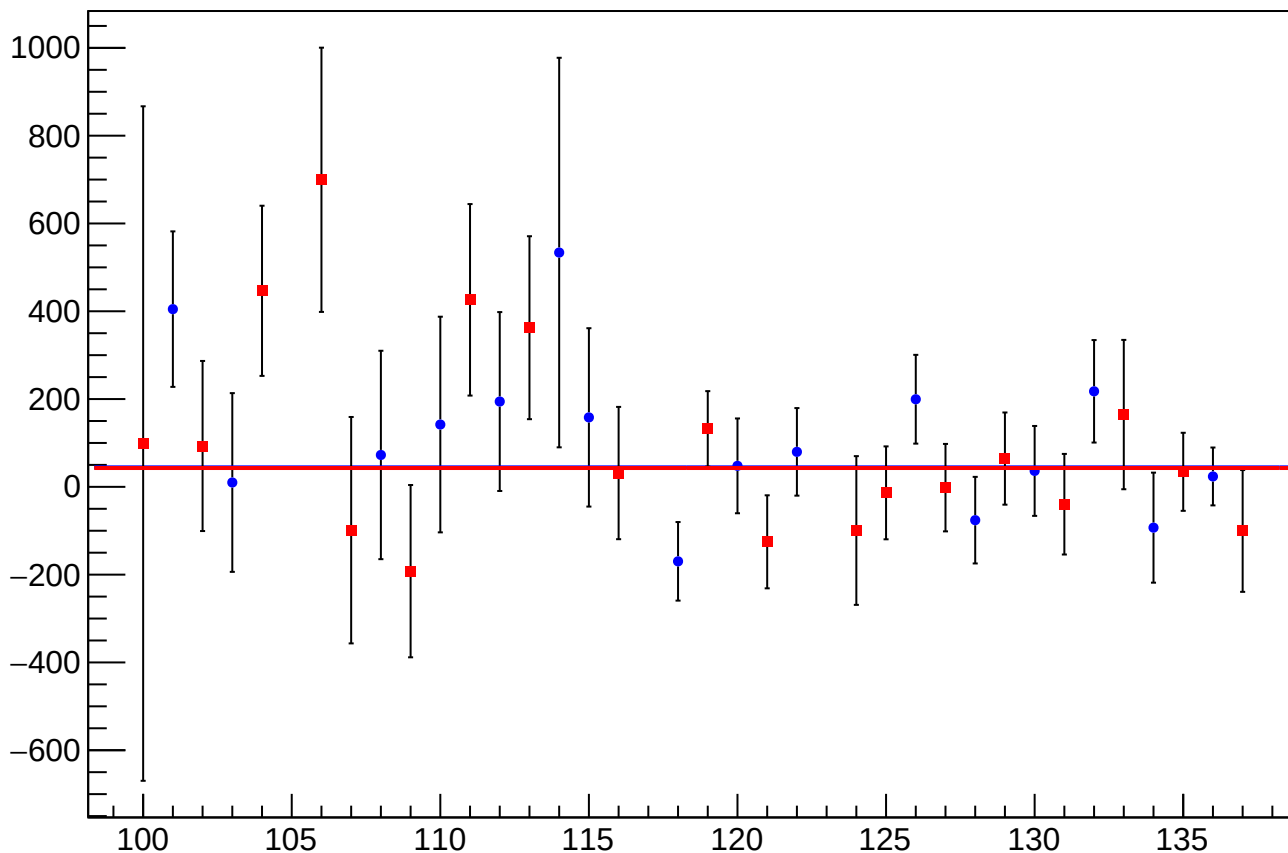
Right: 620.639+/-0.124 χ^2/NDF : 4290624.3/34

In: 598.044+/-0.171 χ^2/NDF :2047825.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 620.639+/-0.124 χ^2/NDF : 4290624.3/34

eigen_dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 44.389+/-29.908 χ^2/NDF : 19.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.900+/-31.248 χ^2/NDF : 23.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

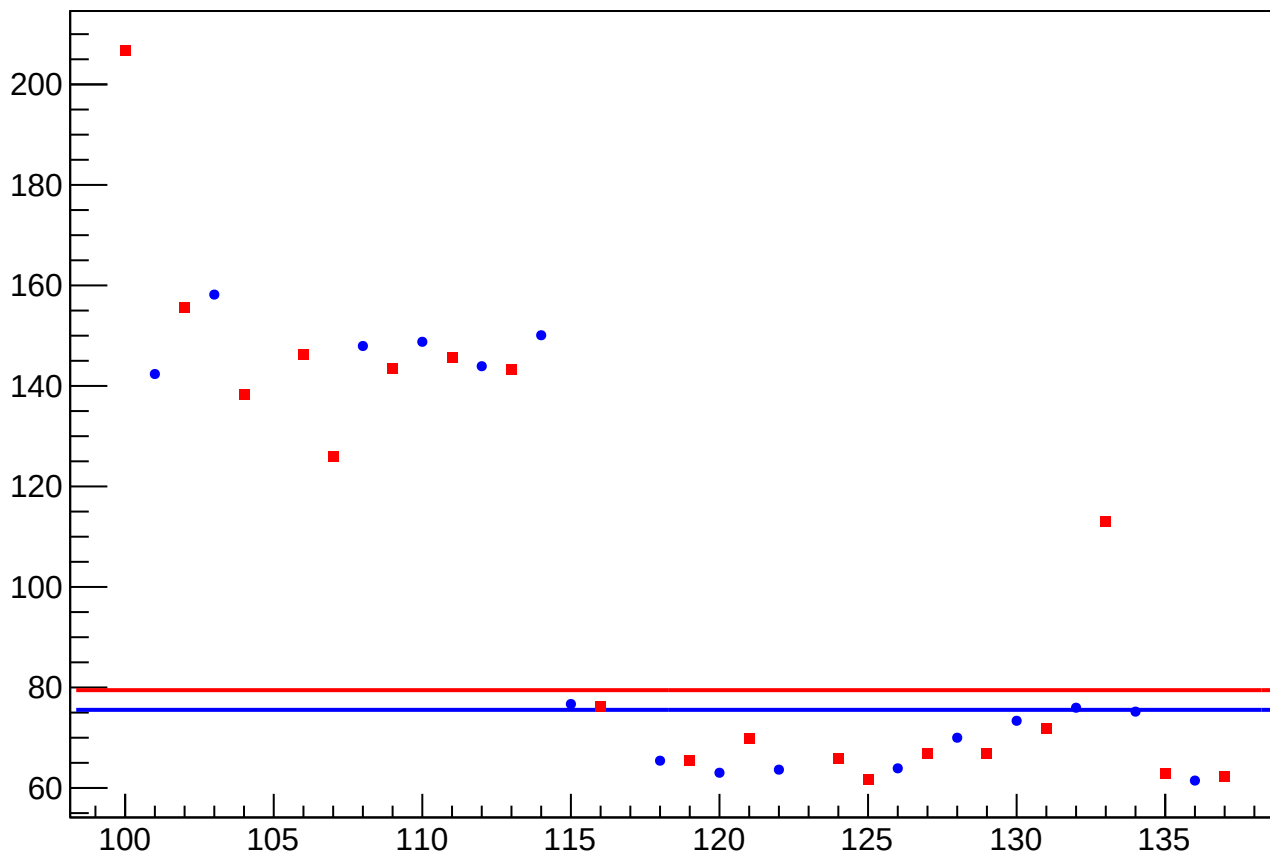
Right: 43.677+/-21.607 χ^2/NDF : 42.9/34

In: 44.389+/-29.908 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.677+/-21.607 χ^2/NDF : 42.9/34

eigen_dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.544+/-0.021 χ^2/NDF : 1465535.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 79.465+/-0.022 χ^2/NDF : 1683627.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

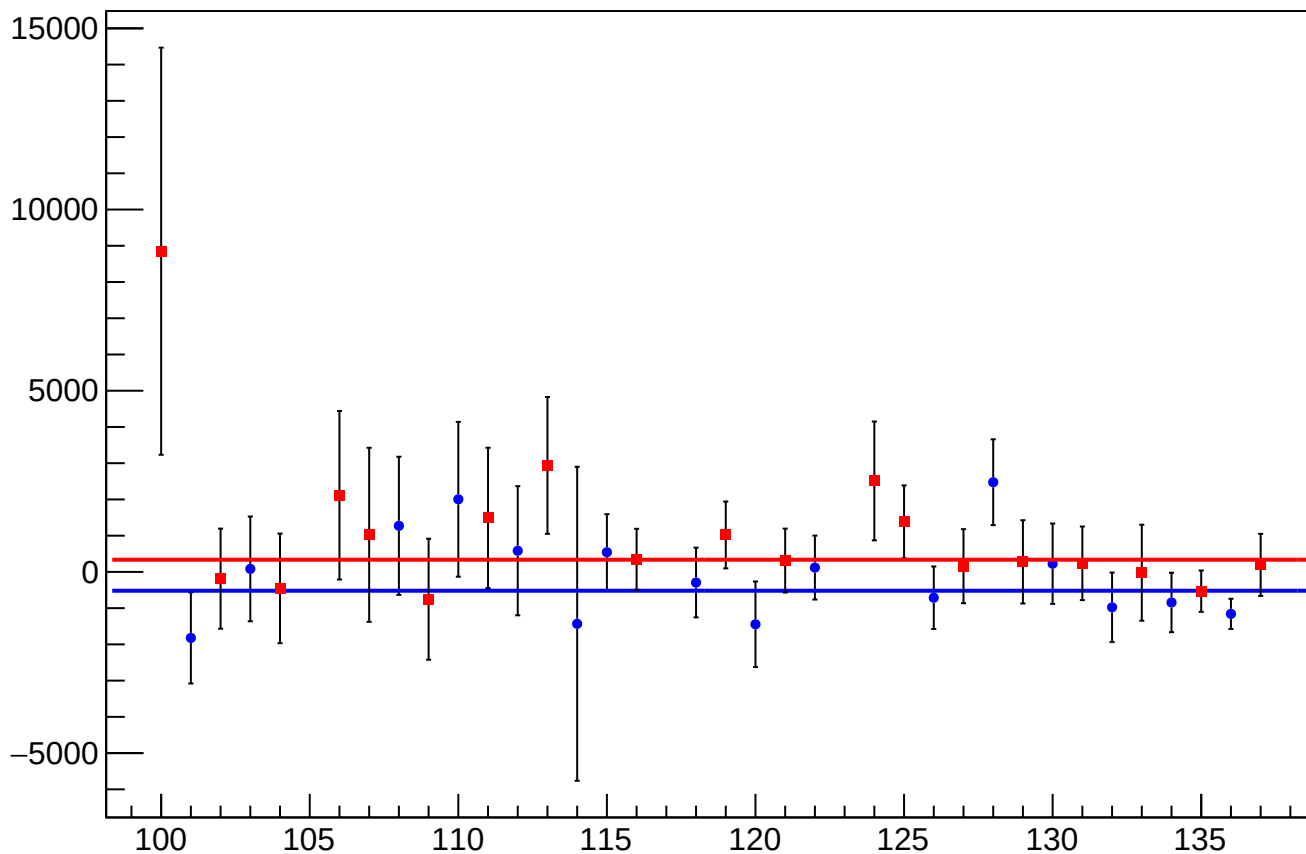
Right: 77.419+/-0.015 χ^2/NDF : 3165598.5/34

In: 75.544+/-0.021 χ^2/NDF :1465535.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 77.419+/-0.015 χ^2/NDF : 3165598.5/34

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -519.247 $\pm$ 241.316 χ^2 /NDF: 15.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 336.731 $\pm$ 256.617 χ^2 /NDF: 11.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

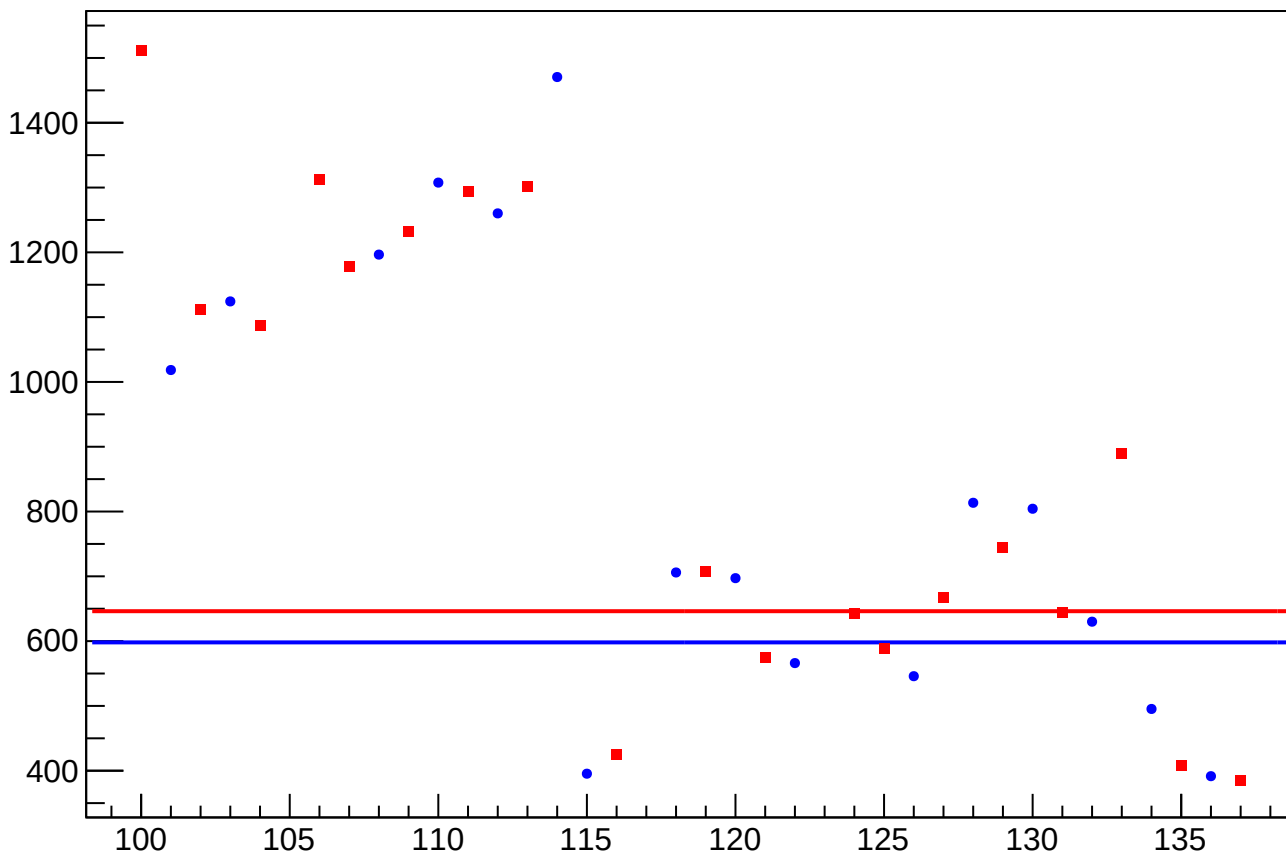
Right: -117.537 $\pm$ 175.797 χ^2 /NDF: 33.6/34

In: -519.247 $\pm$ 241.316 χ^2 /NDF:15.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -117.537 $\pm$ 175.797 χ^2 /NDF: 33.6/34

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 598.044+/-0.171 χ^2/NDF : 2047806.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 646.190+/-0.181 χ^2/NDF : 2205421.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

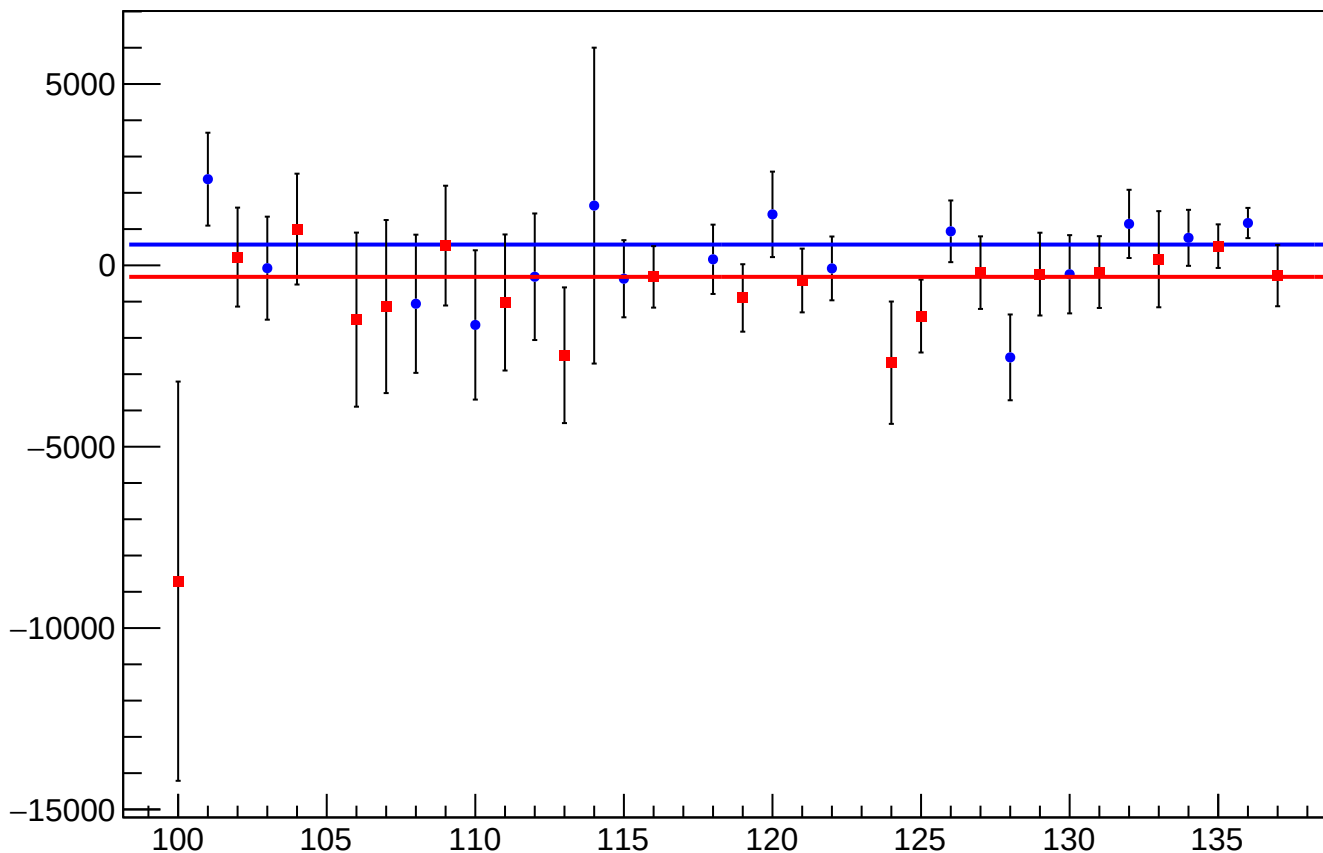
Right: 620.638+/-0.124 χ^2/NDF : 4290589.9/34

In: 598.044+/-0.171 χ^2/NDF :2047806.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 620.638+/-0.124 χ^2/NDF : 4290589.9/34

asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 573.374 $\pm$ 238.921 χ^2 /NDF: 16.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -316.830 $\pm$ 258.239 χ^2 /NDF: 11.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

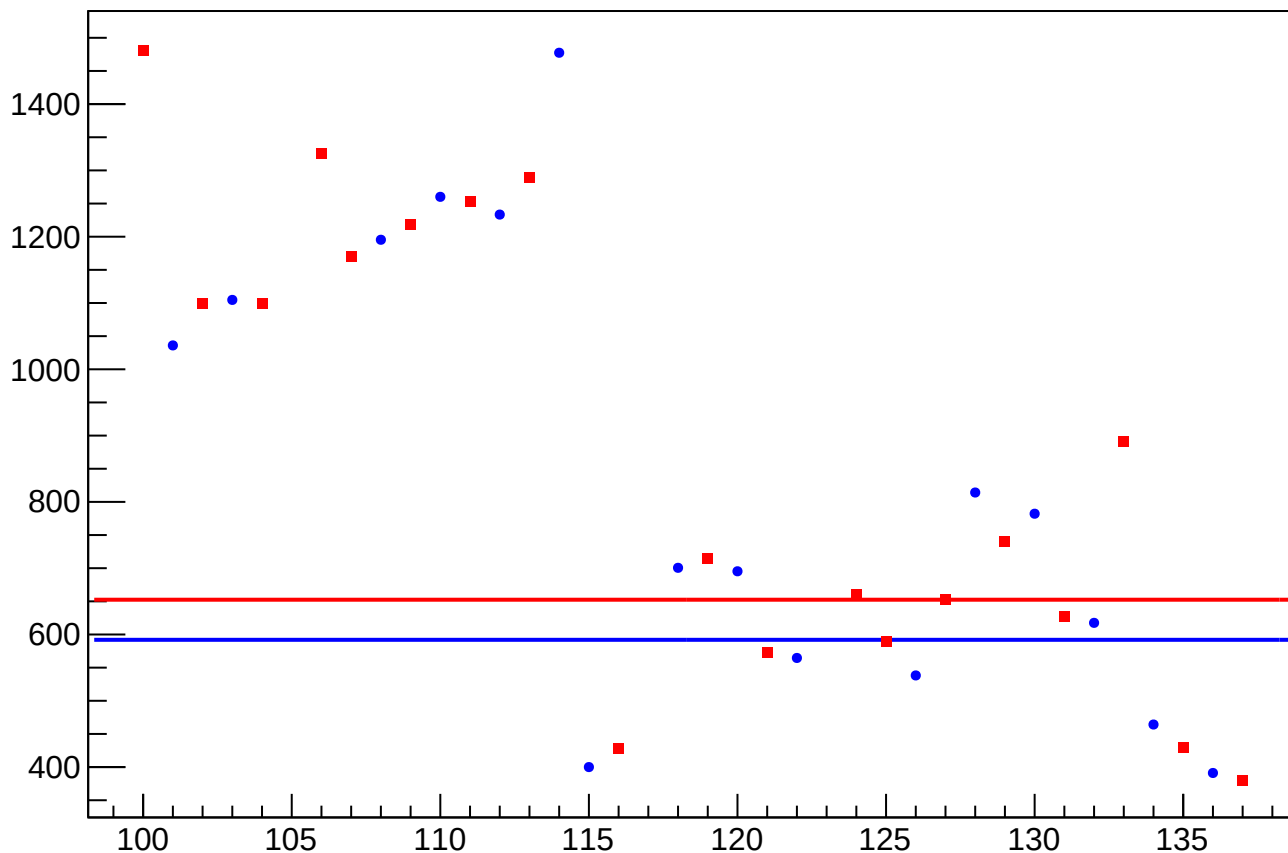
Right: 162.809 $\pm$ 175.375 χ^2 /NDF: 34.0/34

In: 573.374 $\pm$ 238.921 χ^2 /NDF:16.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 162.809 $\pm$ 175.375 χ^2 /NDF: 34.0/34

asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 591.974+/-0.169 χ^2/NDF : 2035700.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 652.459+/-0.183 χ^2/NDF : 2089983.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

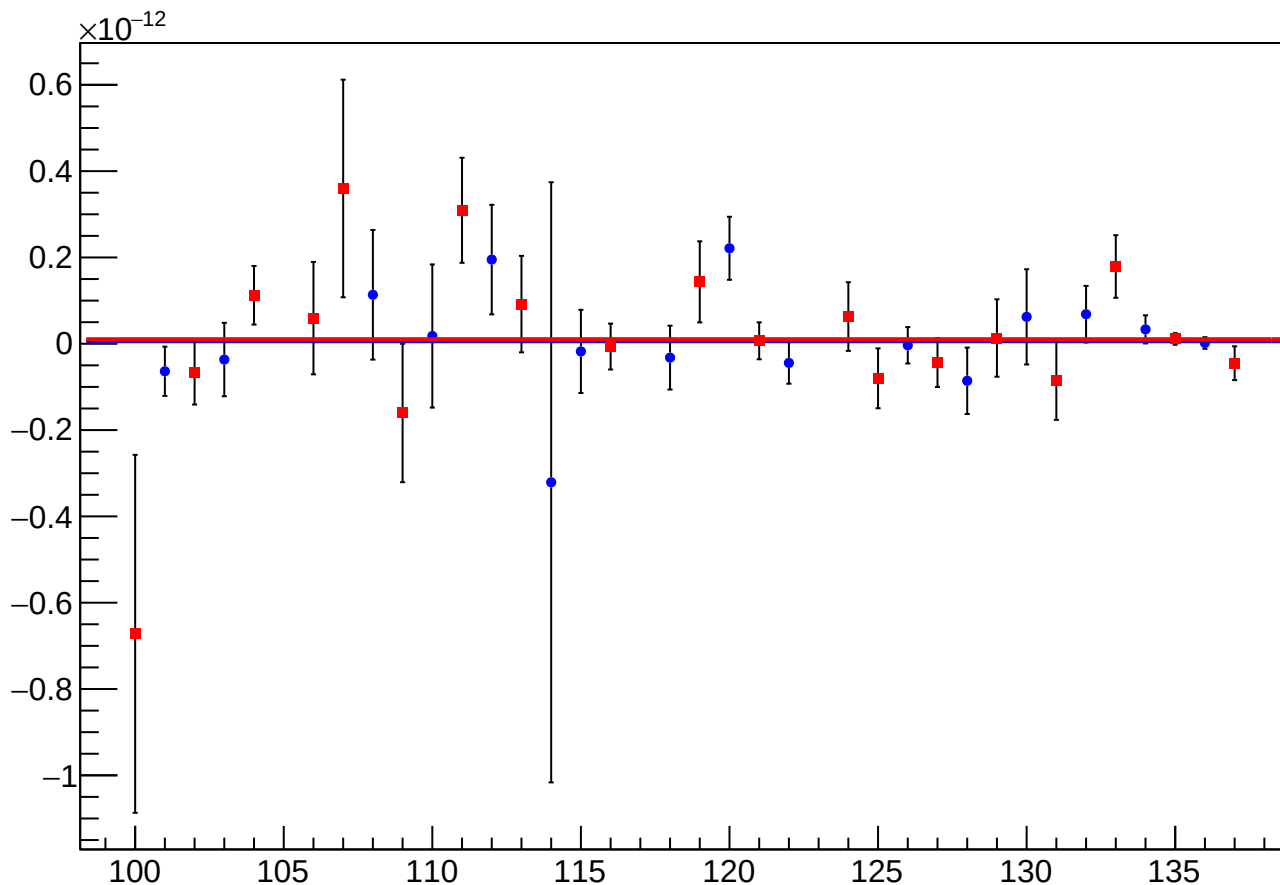
Right: 619.870+/-0.124 χ^2/NDF : 4184800.0/34

In: 591.974+/-0.169 χ^2/NDF : 2035700.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.870+/-0.124 χ^2/NDF : 4184800.0/34

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 18.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

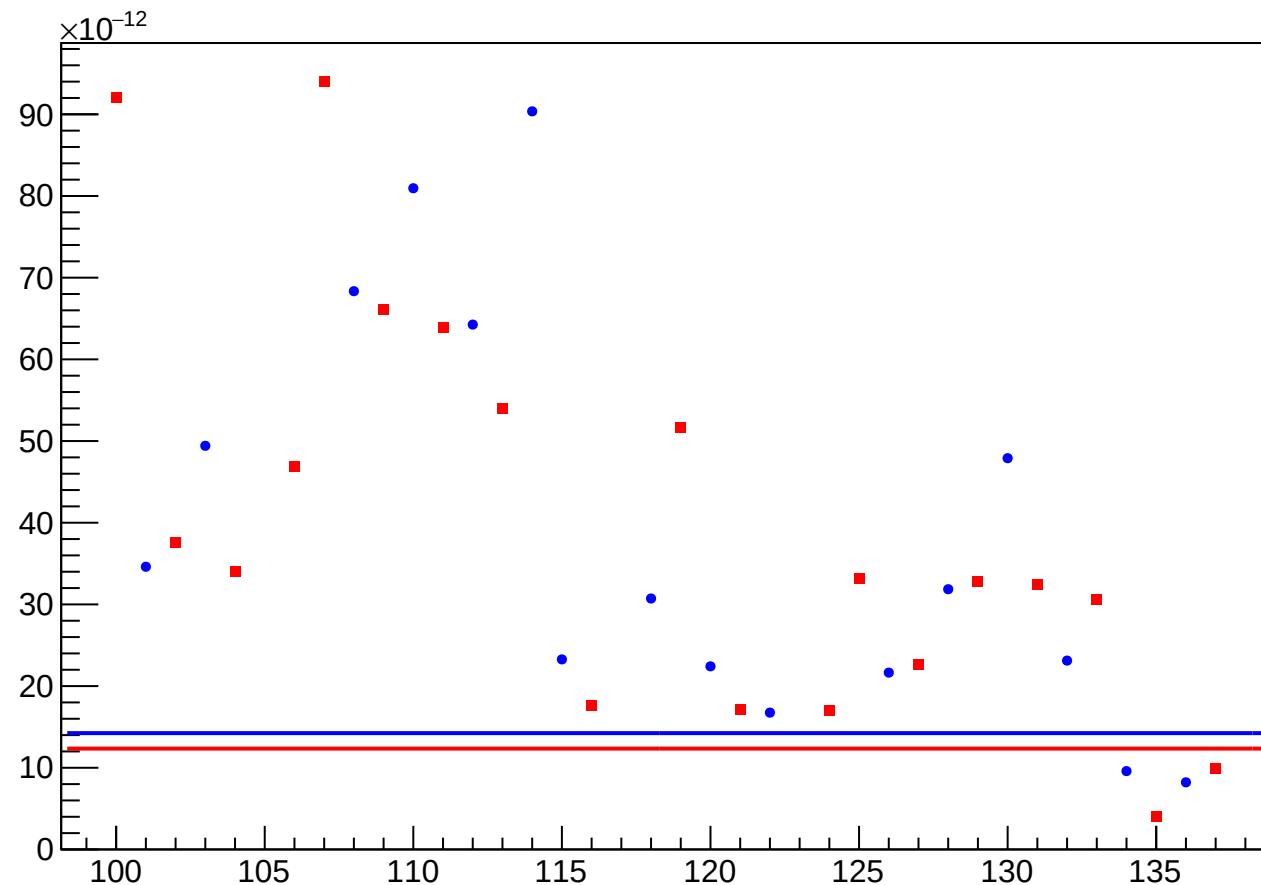
Right: 0.000+/-0.000 χ^2/NDF : 47.8/34

In: 0.000+/-0.000 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 47.8/34

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2493527.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3472954.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

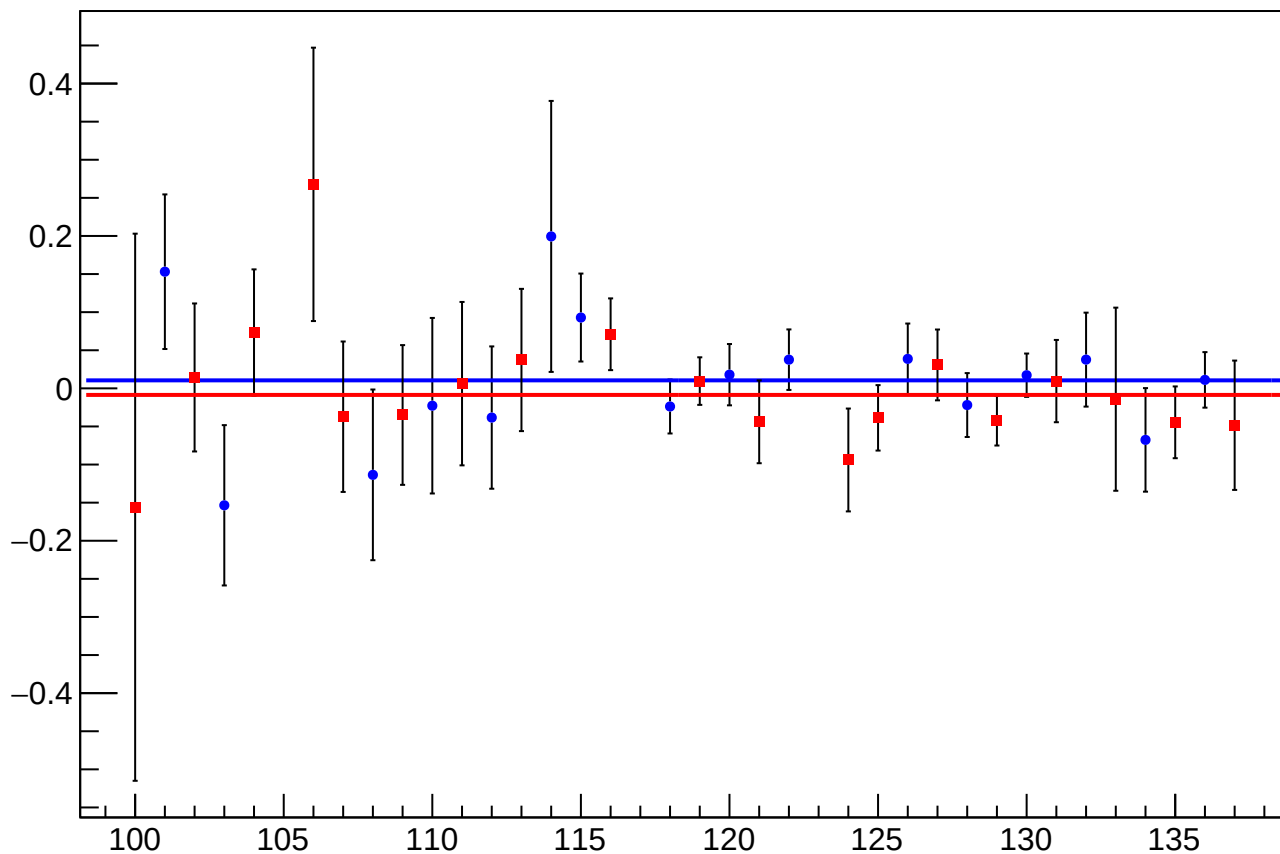
Right: 0.000+/-0.000 χ^2/NDF : 5998748.7/34

In: 0.000+/-0.000 χ^2/NDF :2493527.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5998748.7/34

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.013 χ^2 /NDF: 12.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

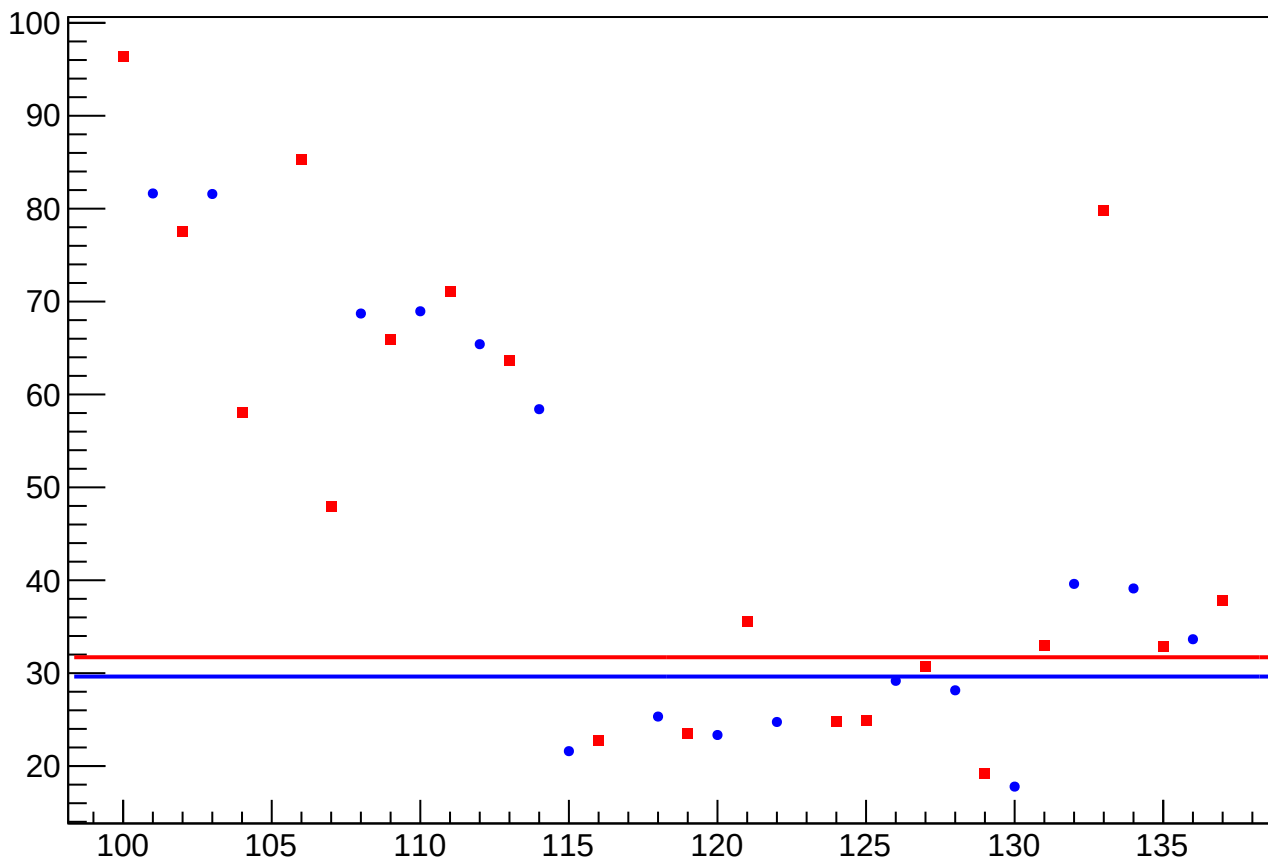
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.635+/-0.009 χ^2/NDF : 2448468.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.712+/-0.009 χ^2/NDF : 2651470.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

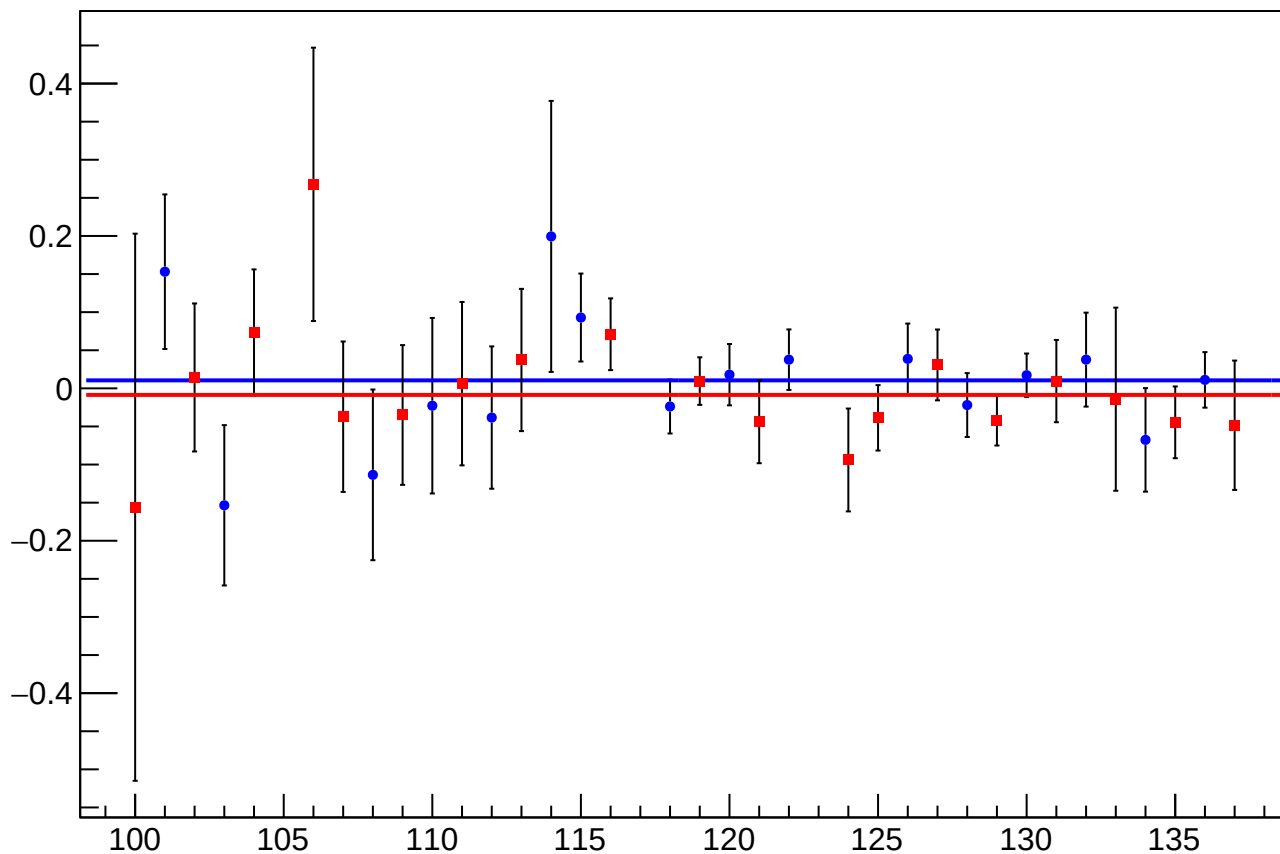
Right: 30.618+/-0.006 χ^2/NDF : 5125863.2/34

In: 29.635+/-0.009 χ^2/NDF :2448468.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.618+/-0.006 χ^2/NDF : 5125863.2/34

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.013 χ^2 /NDF: 12.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

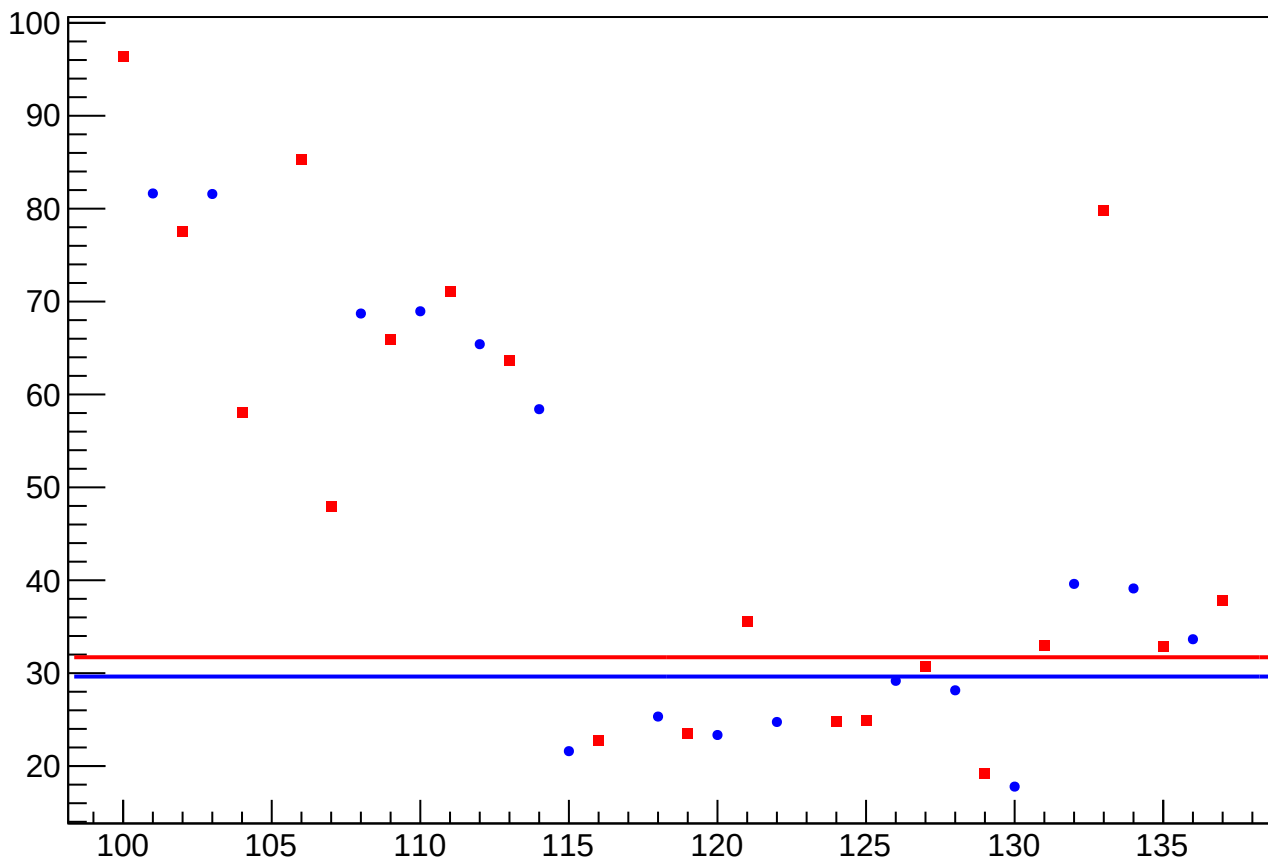
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.635+/-0.009 χ^2/NDF : 2448468.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.712+/-0.009 χ^2/NDF : 2651470.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

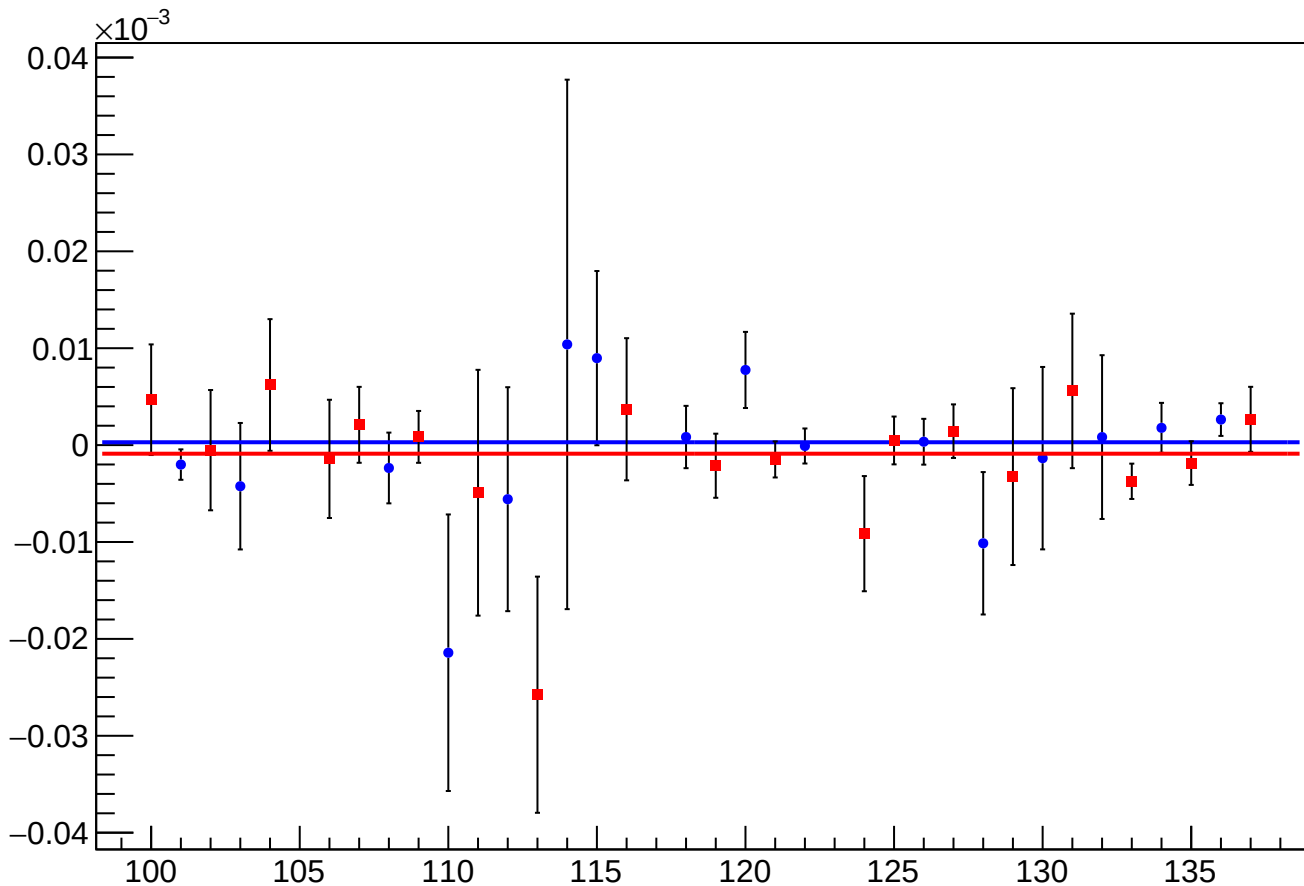
Right: 30.618+/-0.006 χ^2/NDF : 5125863.2/34

In: 29.635+/-0.009 χ^2/NDF : 2448468.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.618+/-0.006 χ^2/NDF : 5125863.2/34

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

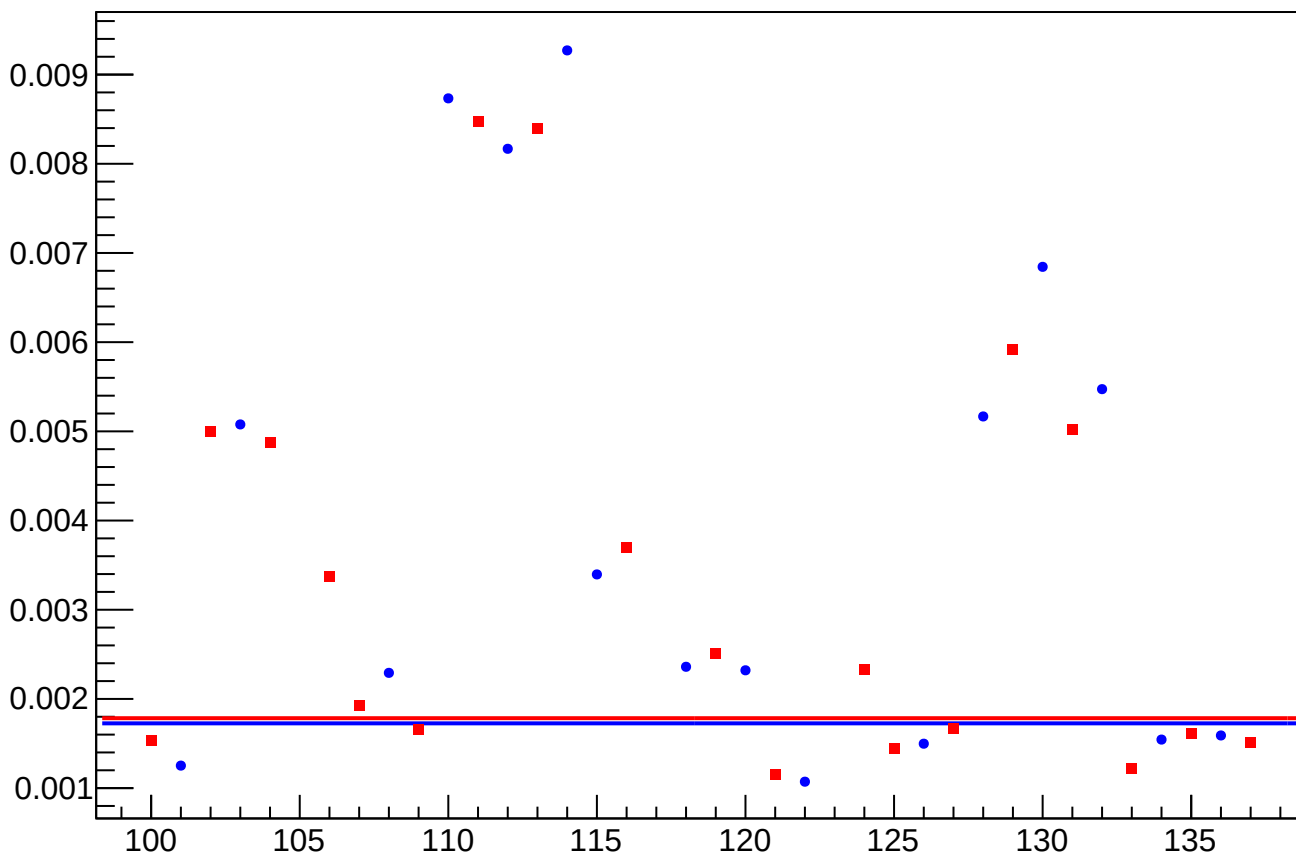
Right: -0.000+/-0.000 χ^2/NDF : 31.3/34

In: 0.000+/-0.000 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.3/34

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 3932244.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3718778.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

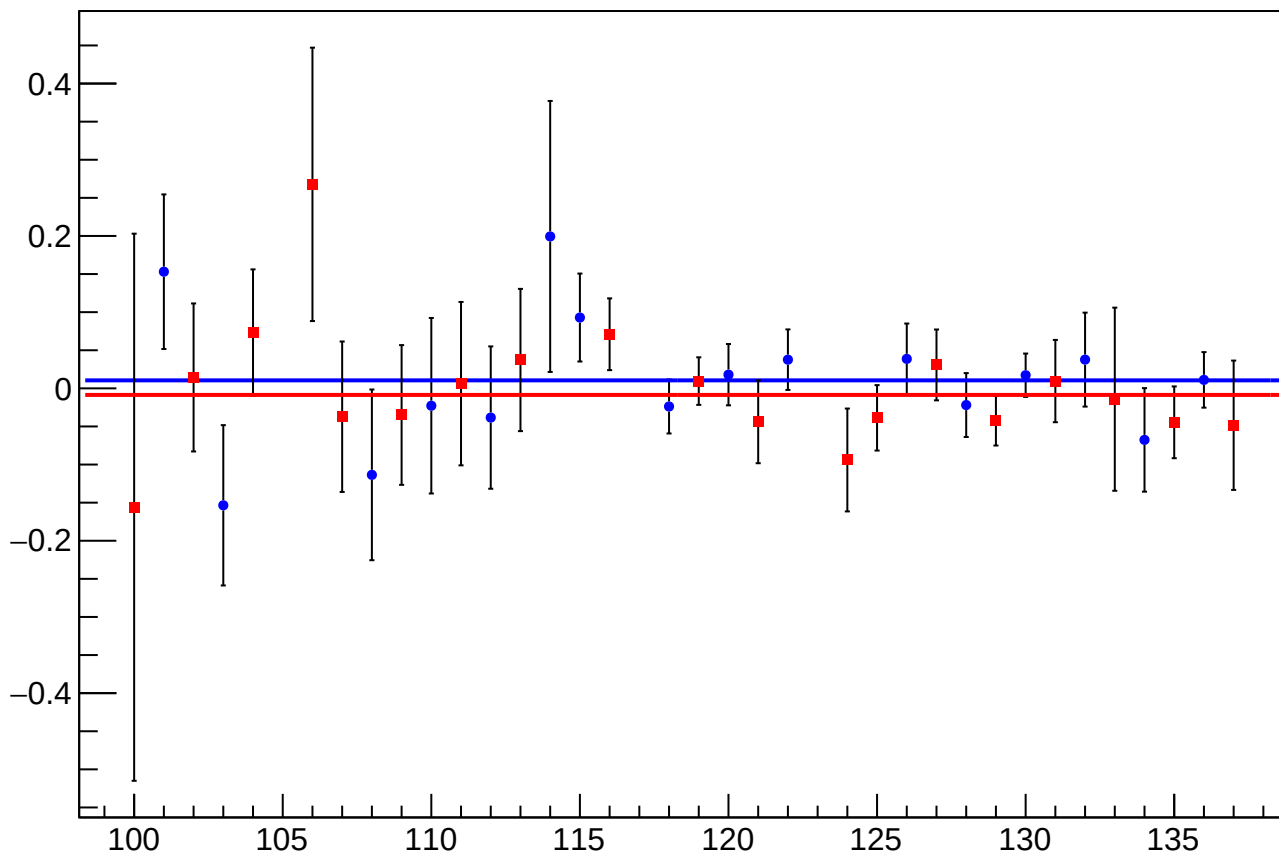
Right: 0.002+/-0.000 χ^2/NDF : 7656643.6/34

In: 0.002+/-0.000 χ^2/NDF : 3932244.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7656643.6/34

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.013 χ^2 /NDF: 12.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

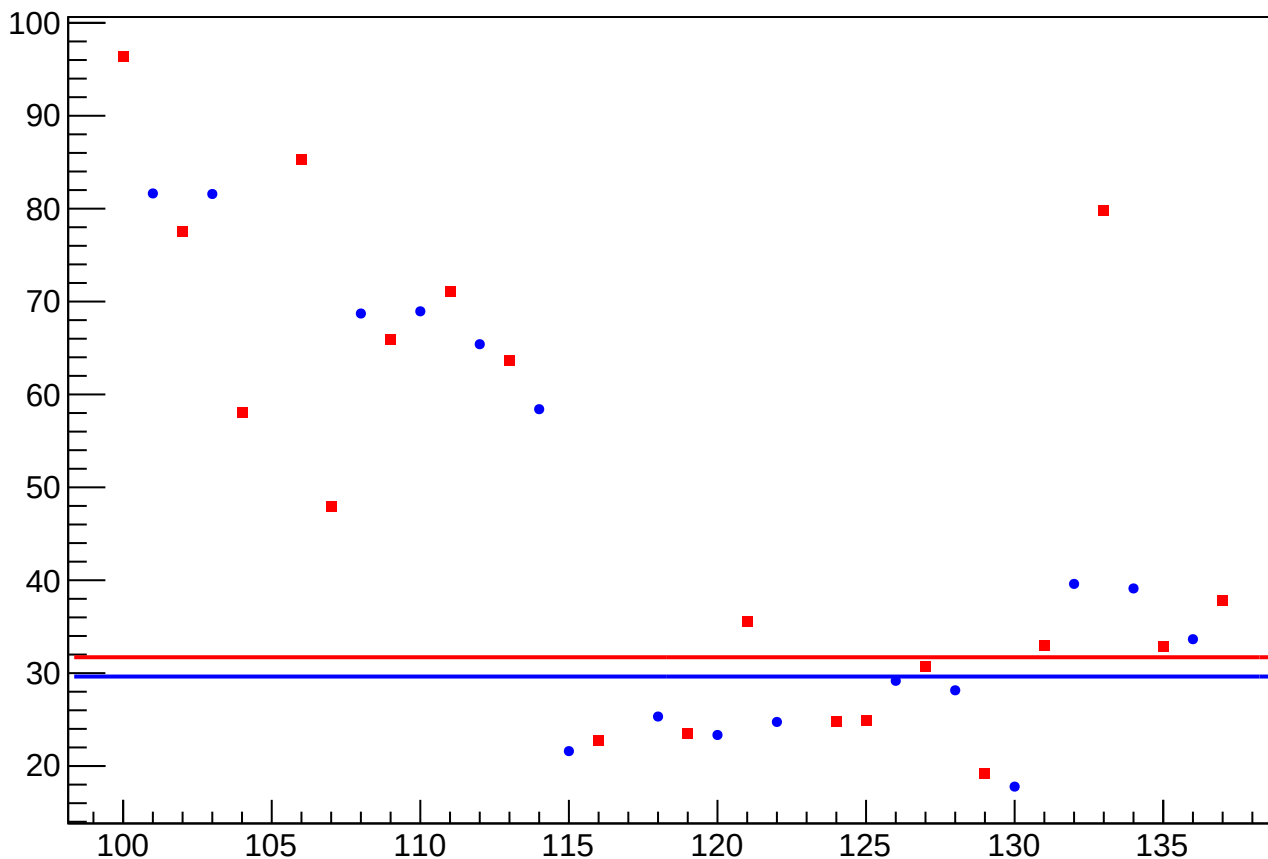
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.633+/-0.009 χ^2/NDF : 2448670.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.711+/-0.009 χ^2/NDF : 2651638.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

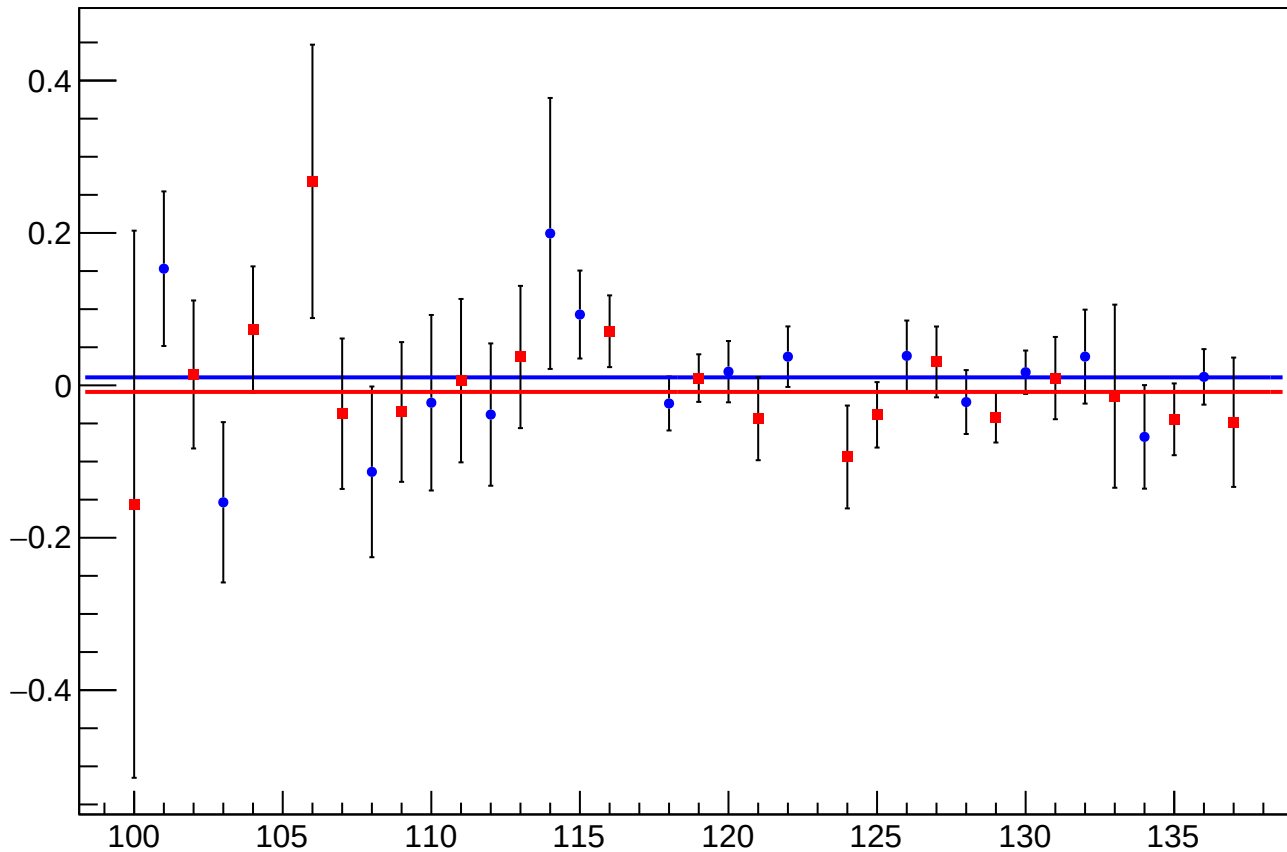
Right: 30.617+/-0.006 χ^2/NDF : 5126235.3/34

In: 29.633+/-0.009 χ^2/NDF : 2448670.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.617+/-0.006 χ^2/NDF : 5126235.3/34

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.013 χ^2 /NDF: 12.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

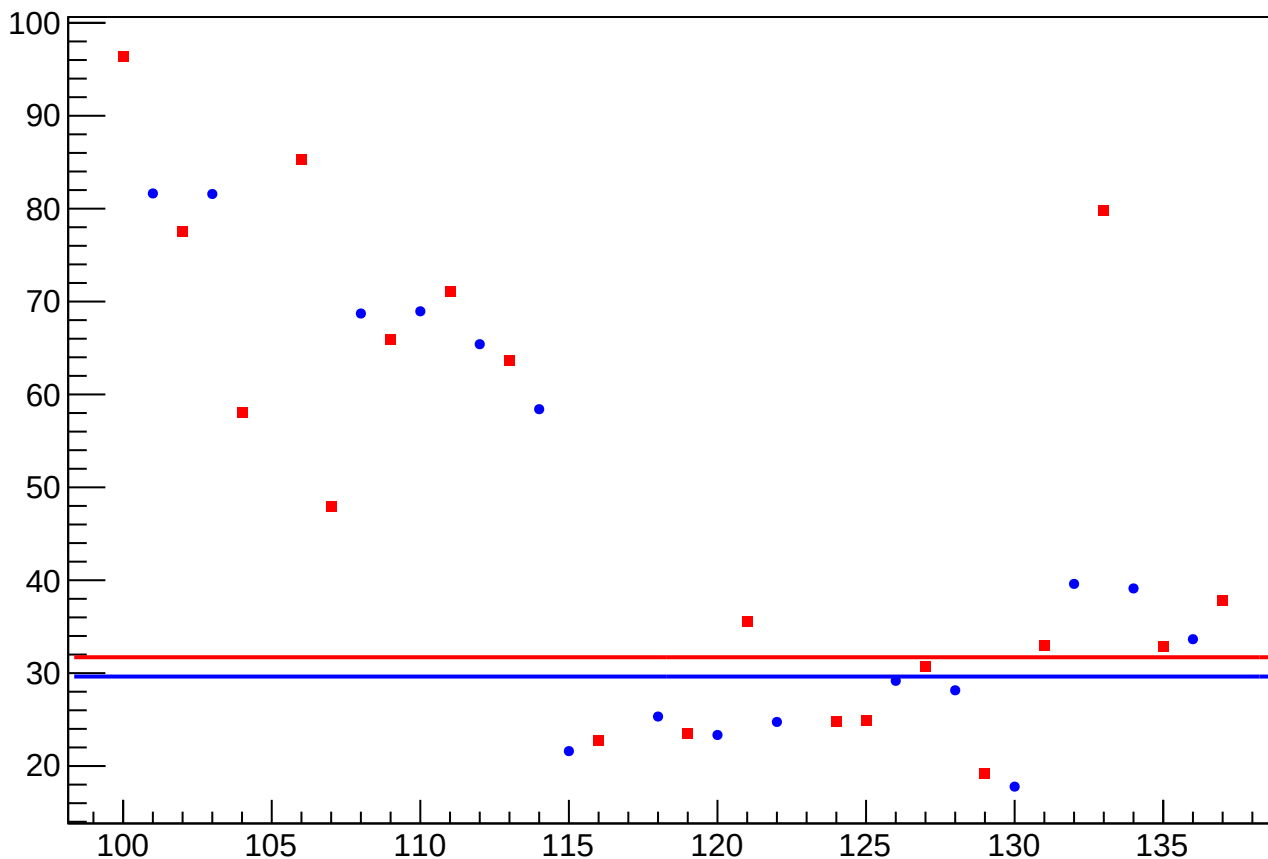
Right: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

In: 0.010 $\pm$ 0.013 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.001 $\pm$ 0.009 χ^2 /NDF: 26.7/34

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.633+/-0.009 χ^2/NDF : 2448670.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 31.711+/-0.009 χ^2/NDF : 2651638.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

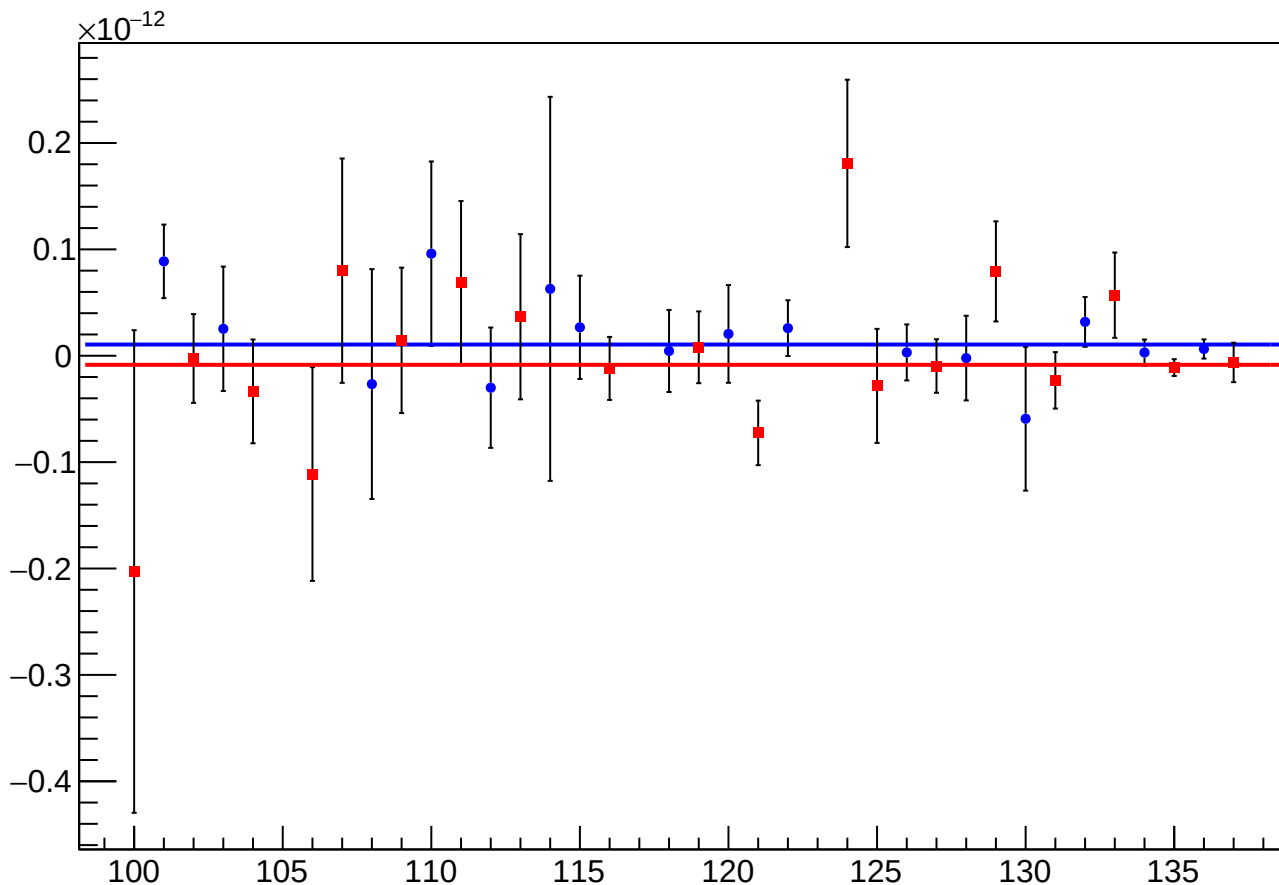
Right: 30.617+/-0.006 χ^2/NDF : 5126235.3/34

In: 29.633+/-0.009 χ^2/NDF :2448670.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.617+/-0.006 χ^2/NDF : 5126235.3/34

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

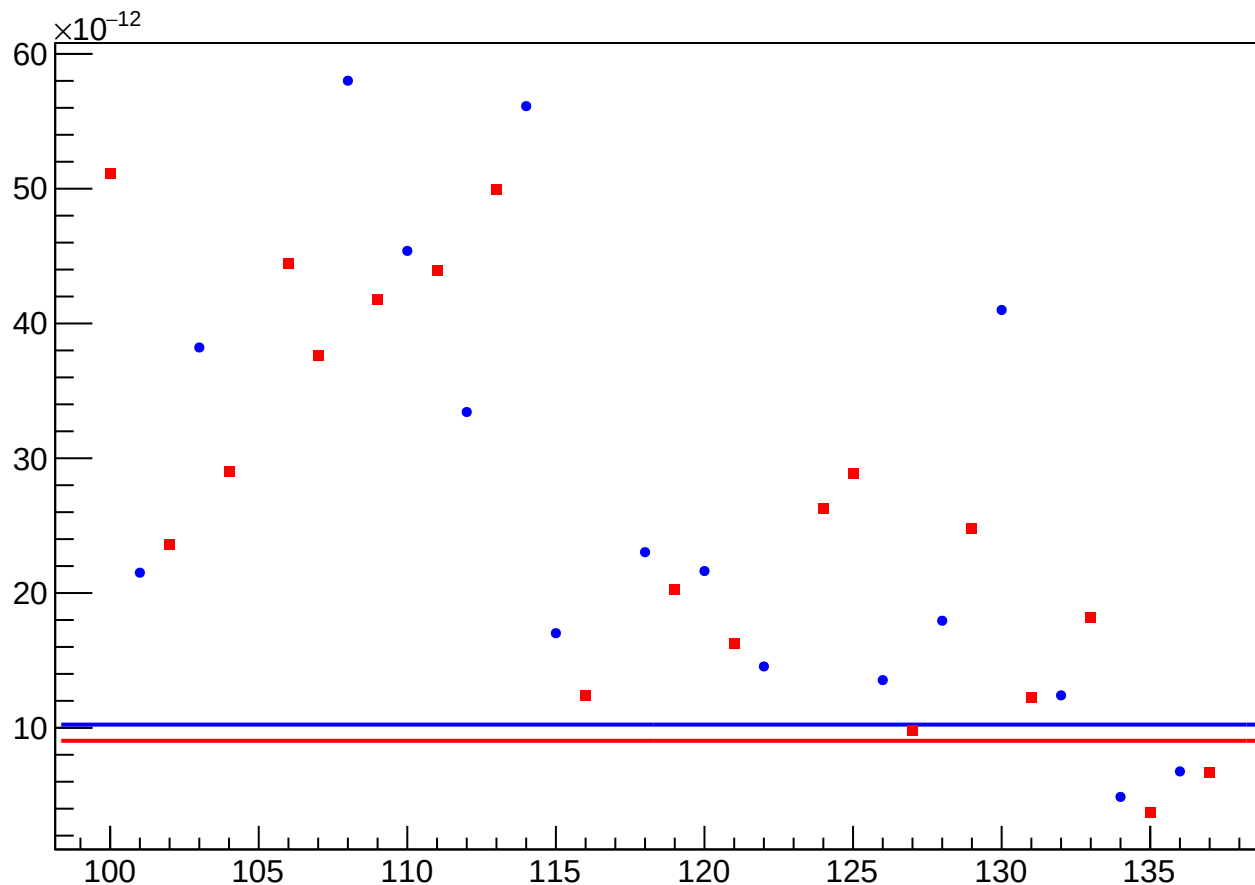
Right: 0.000+/-0.000 χ^2/NDF : 36.6/34

In: 0.000+/-0.000 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 36.6/34

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3511693.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4514368.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

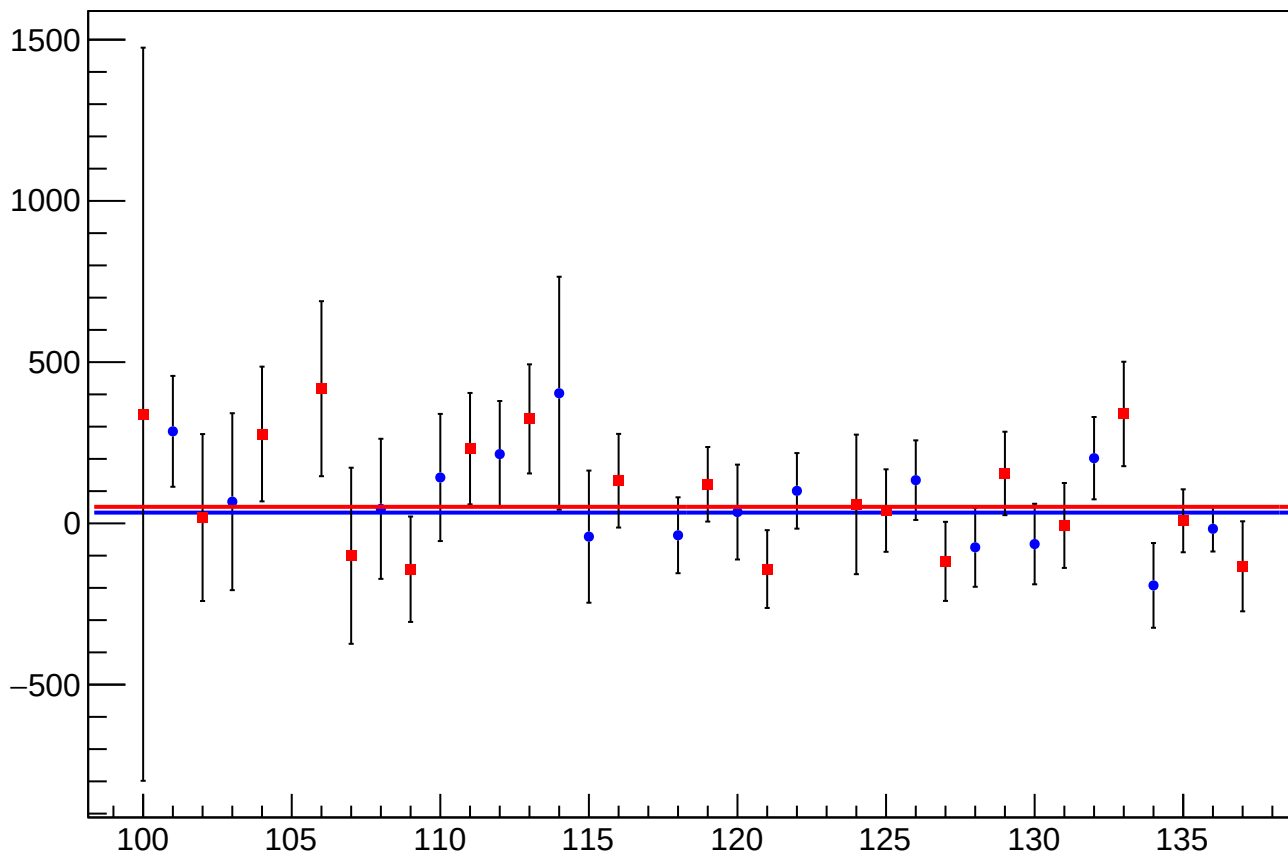
Right: 0.000+/-0.000 χ^2/NDF : 8066534.1/34

In: 0.000+/-0.000 χ^2/NDF : 3511693.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8066534.1/34

reg_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 33.431+/-33.881 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.335+/-34.851 χ^2/NDF : 19.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

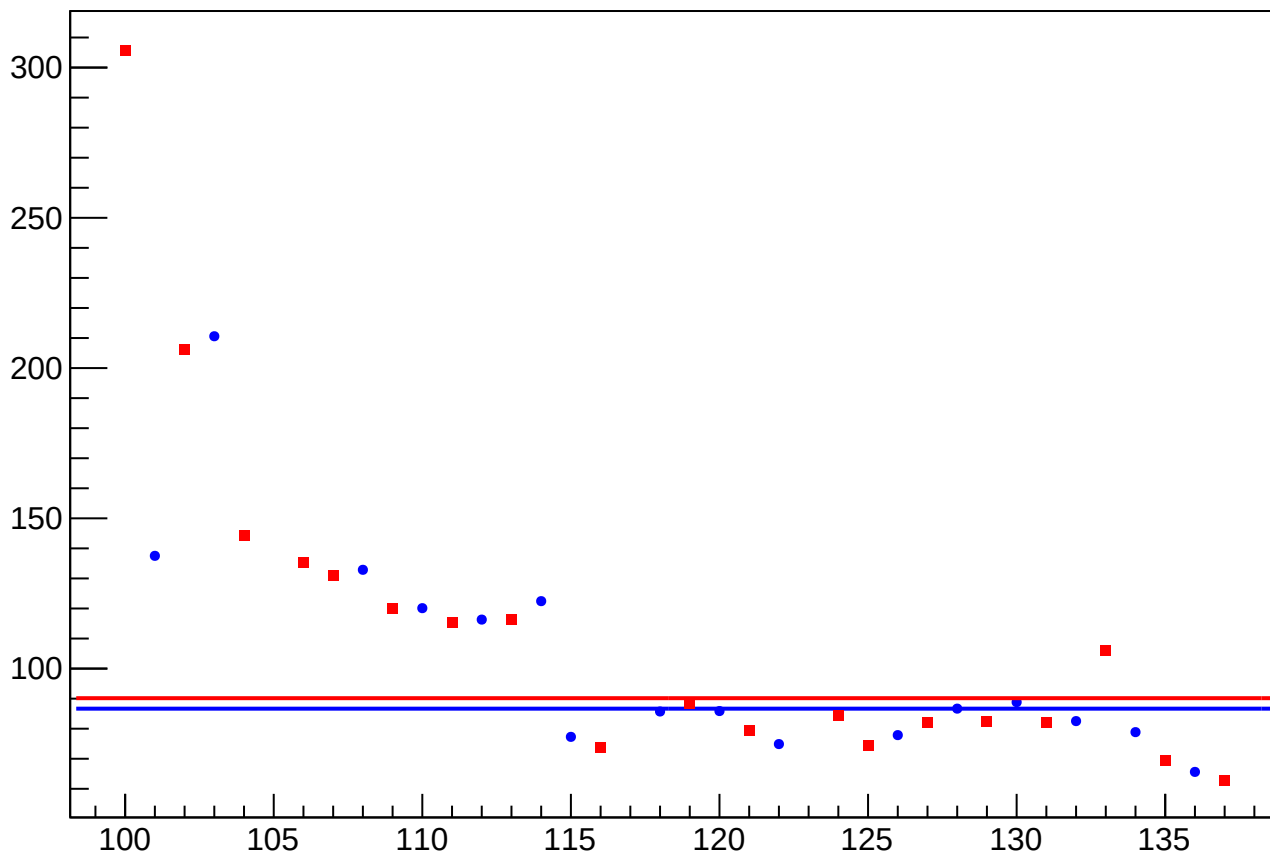
Right: 42.130+/-24.293 χ^2/NDF : 32.5/34

In: 33.431+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.130+/-24.293 χ^2/NDF : 32.5/34

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 86.666 $\pm$ 0.024 χ^2 /NDF: 1038813.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 90.153 $\pm$ 0.025 χ^2 /NDF: 1149976.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

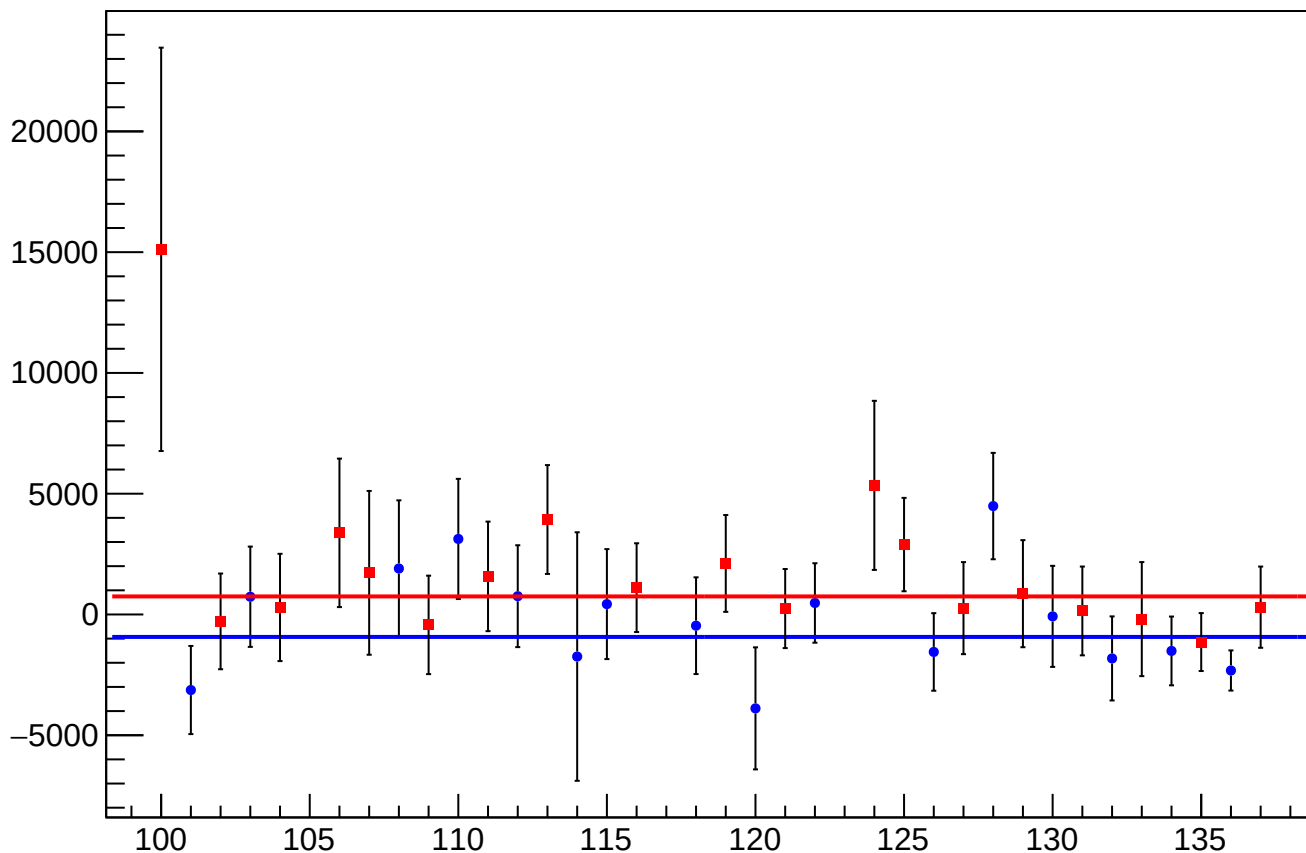
Right: 88.360 $\pm$ 0.017 χ^2 /NDF: 2199082.5/34

In: 86.666 $\pm$ 0.024 χ^2 /NDF:1038813.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.360 $\pm$ 0.017 χ^2 /NDF: 2199082.5/34

asym_sam_3726_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -929.821+/-440.893 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 747.199+/-467.902 χ^2/NDF : 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

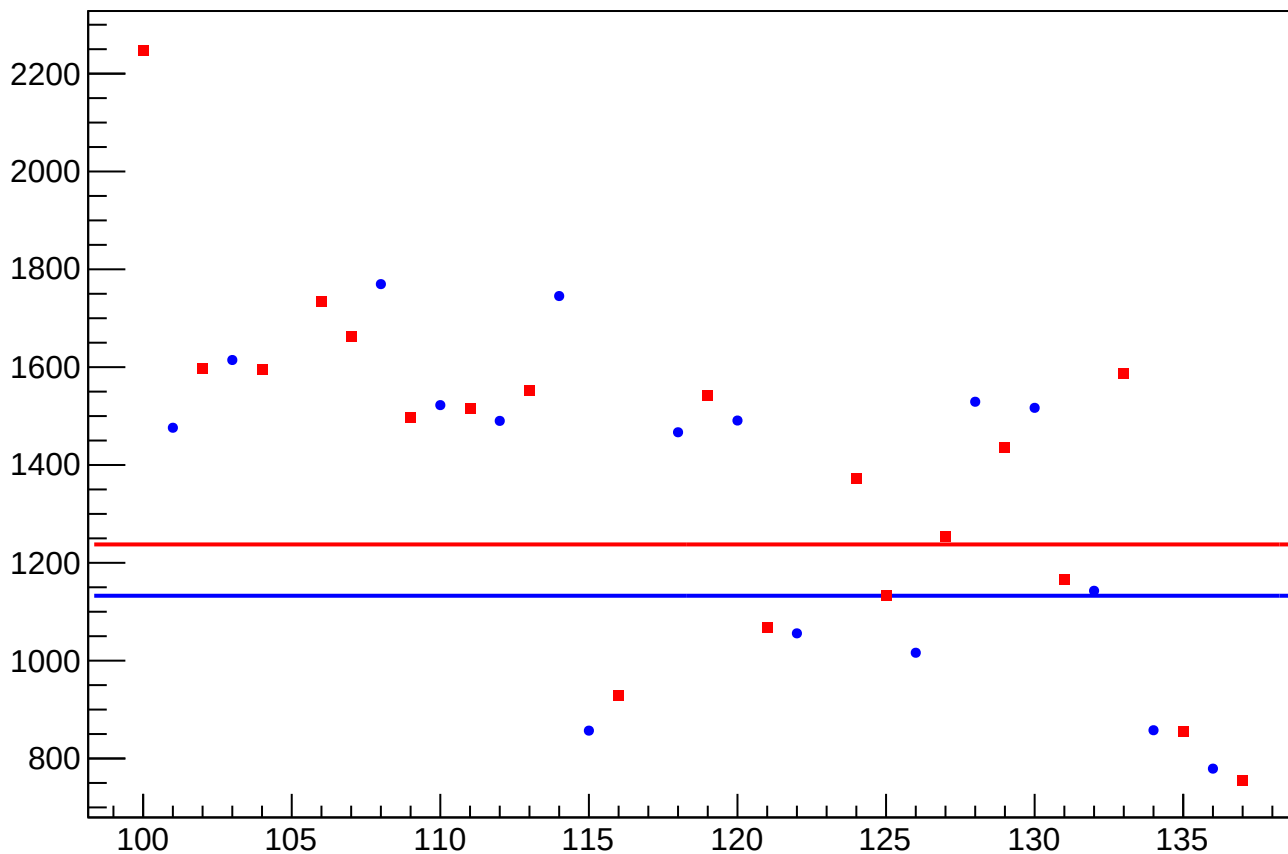
Right: -141.108+/-320.882 χ^2/NDF : 38.3/34

In: -929.821+/-440.893 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.108+/-320.882 χ^2/NDF : 38.3/34

asym_sam_3726_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1132.688+/-0.312 χ^2/NDF : 1124151.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1237.591+/-0.331 χ^2/NDF : 895314.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

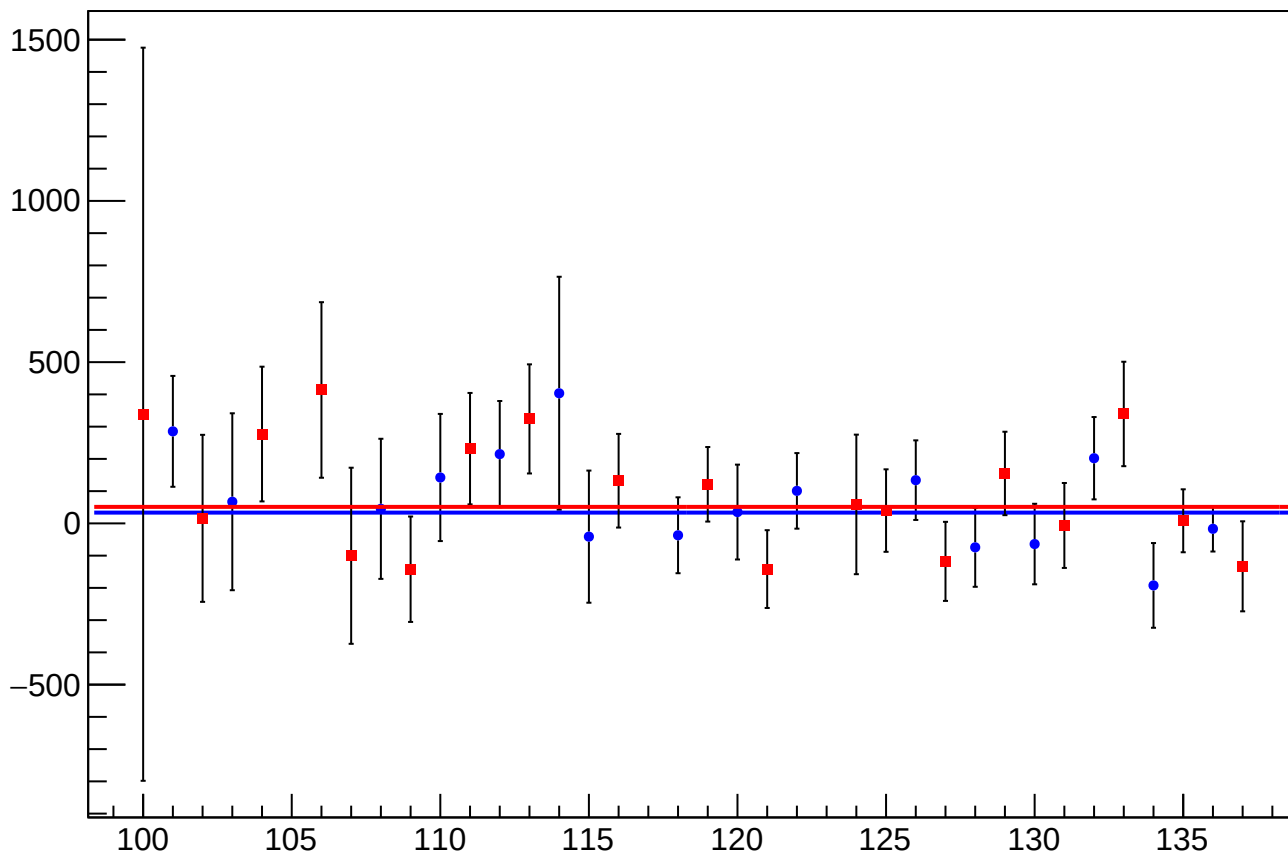
Right: 1182.025+/-0.227 χ^2/NDF : 2072715.6/34

In: 1132.688+/-0.312 χ^2/NDF : 1124151.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.025+/-0.227 χ^2/NDF : 2072715.6/34

cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.188+/-34.853 χ^2/NDF : 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

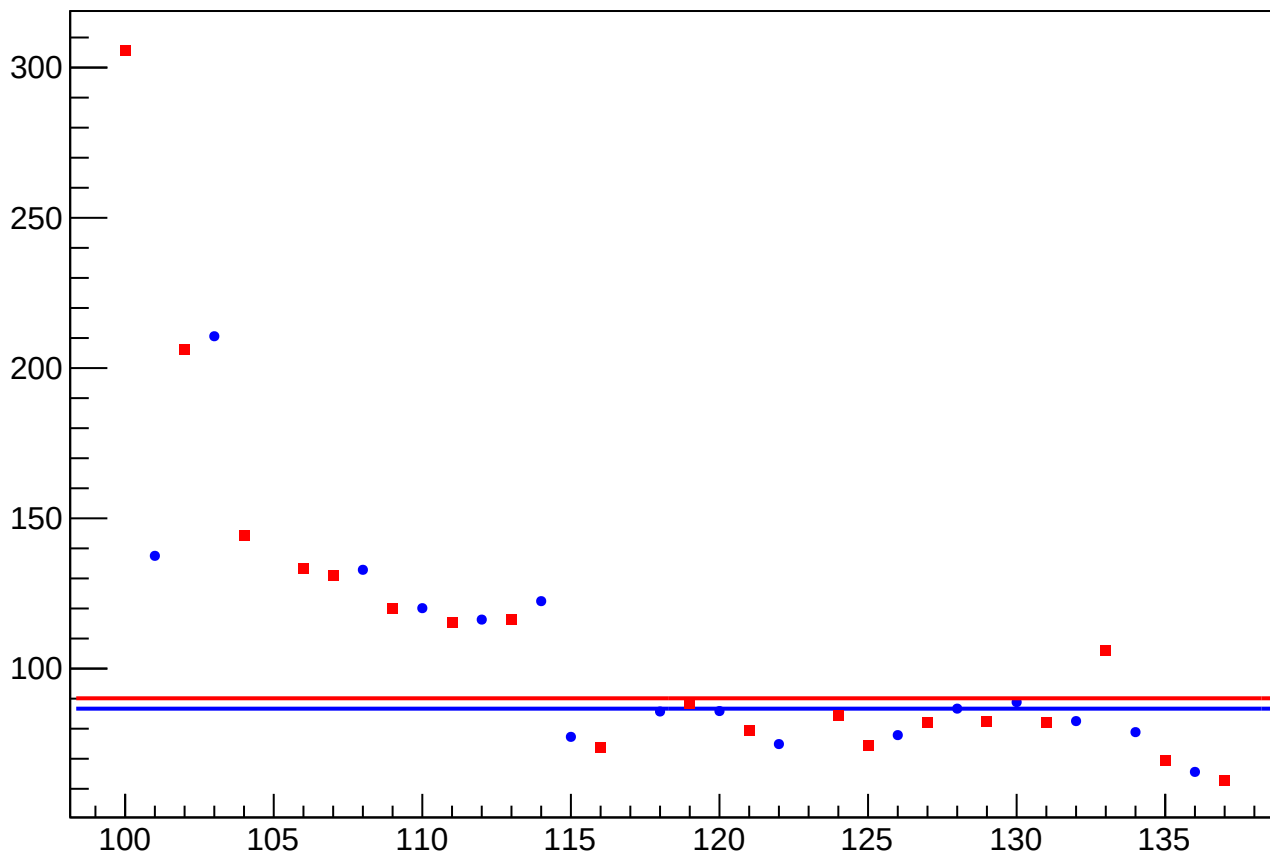
Right: 42.054+/-24.294 χ^2/NDF : 32.5/34

In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.054+/-24.294 χ^2/NDF : 32.5/34

cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.116+/-0.025 χ^2/NDF : 1145283.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

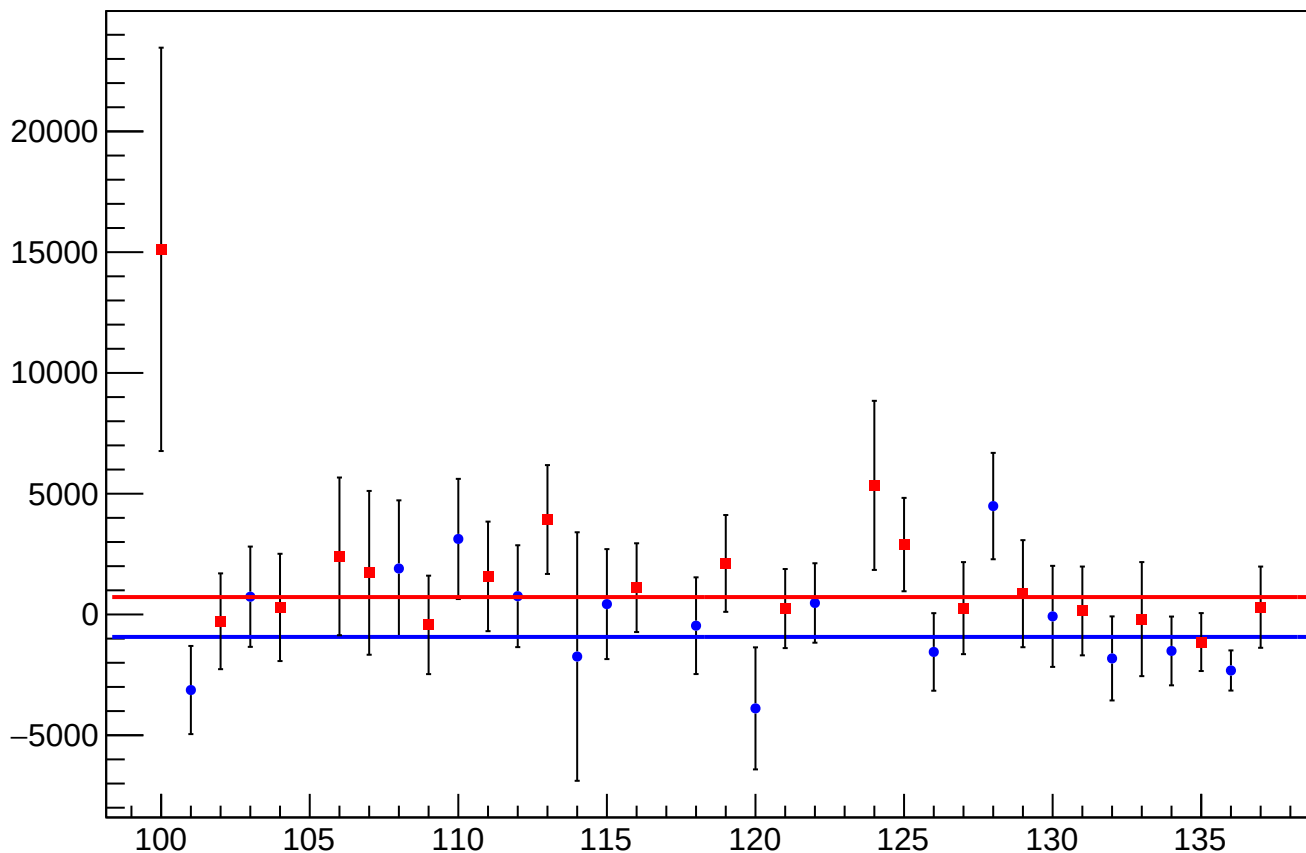
Right: 88.342+/-0.017 χ^2/NDF : 2194173.3/34

In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.342+/-0.017 χ^2/NDF : 2194173.3/34

asym_sam_3726_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.600+/-468.540 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

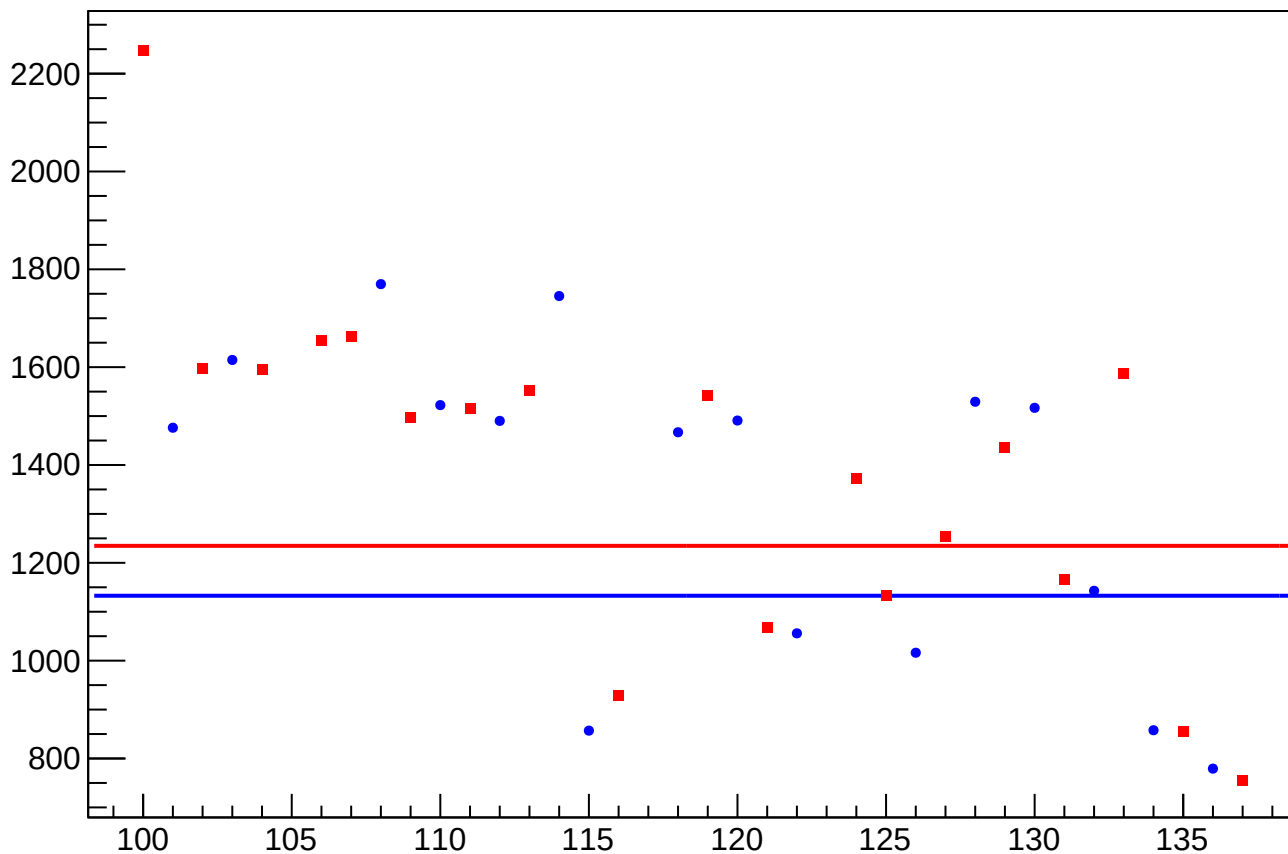
Right: -154.717+/-321.088 χ^2/NDF : 37.6/34

In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.717+/-321.088 χ^2/NDF : 37.6/34

asym_sam_3726_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1234.709+/-0.331 χ^2/NDF : 876272.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

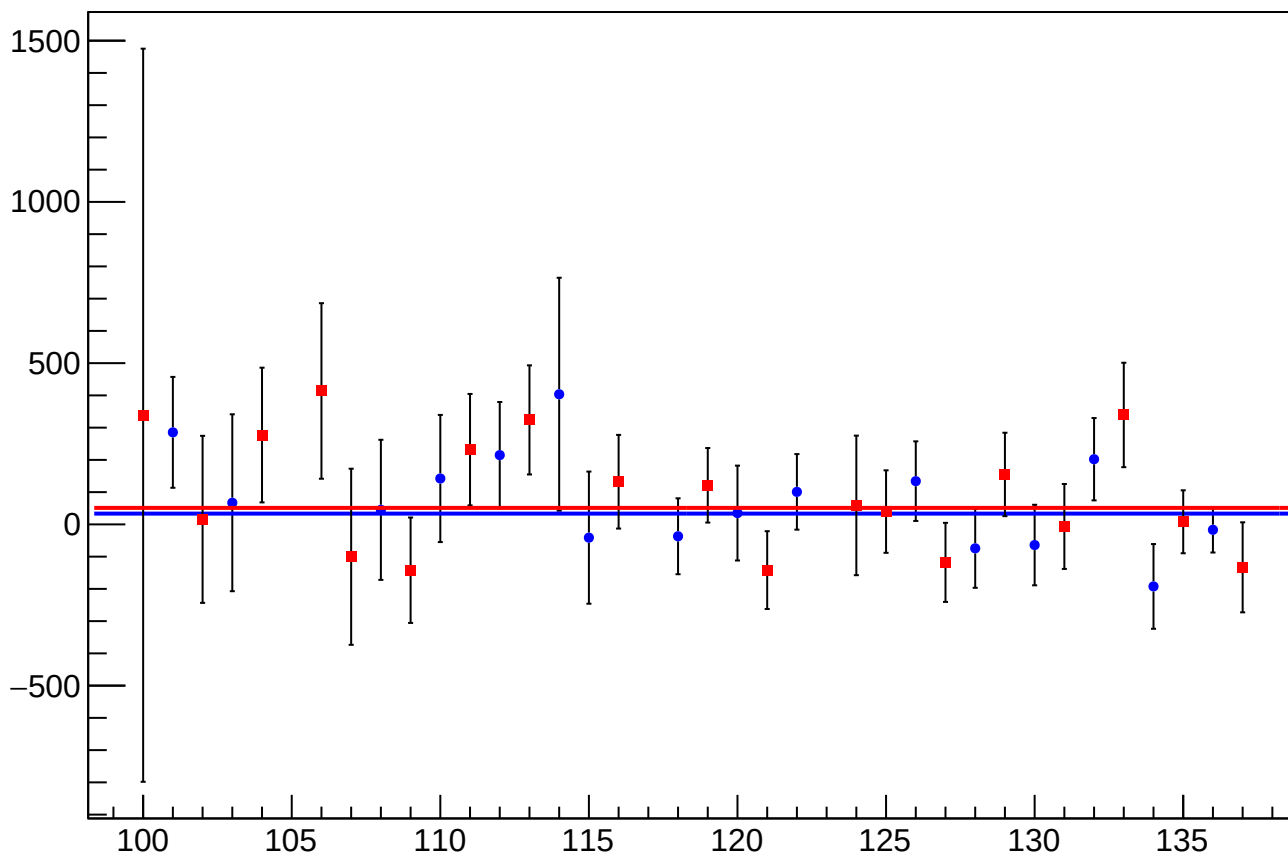
Right: 1180.601+/-0.227 χ^2/NDF : 2050749.6/34

In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.601+/-0.227 χ^2/NDF : 2050749.6/34

eigen_cor_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.188+/-34.853 χ^2/NDF : 19.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

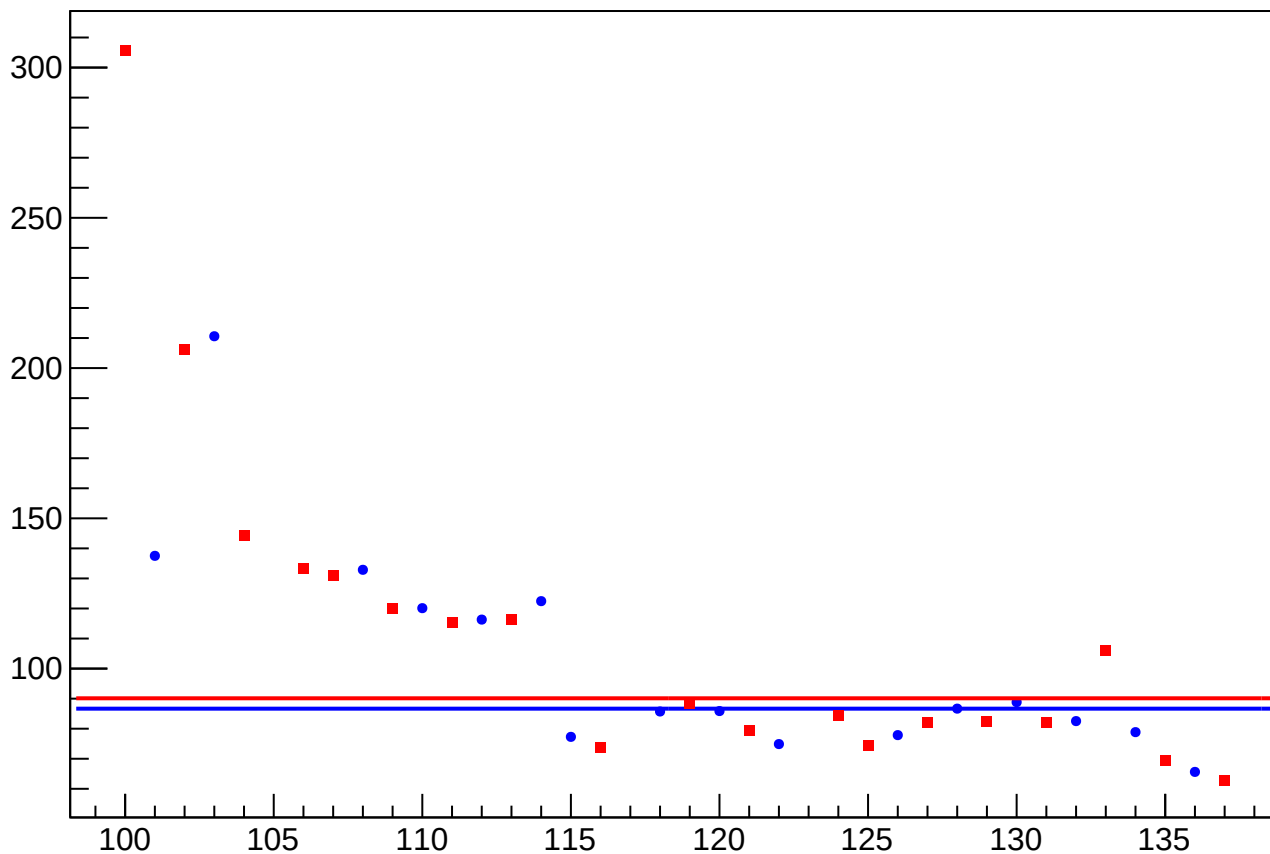
Right: 42.054+/-24.294 χ^2/NDF : 32.5/34

In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.054+/-24.294 χ^2/NDF : 32.5/34

eigen_cor_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.116+/-0.025 χ^2/NDF : 1145283.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

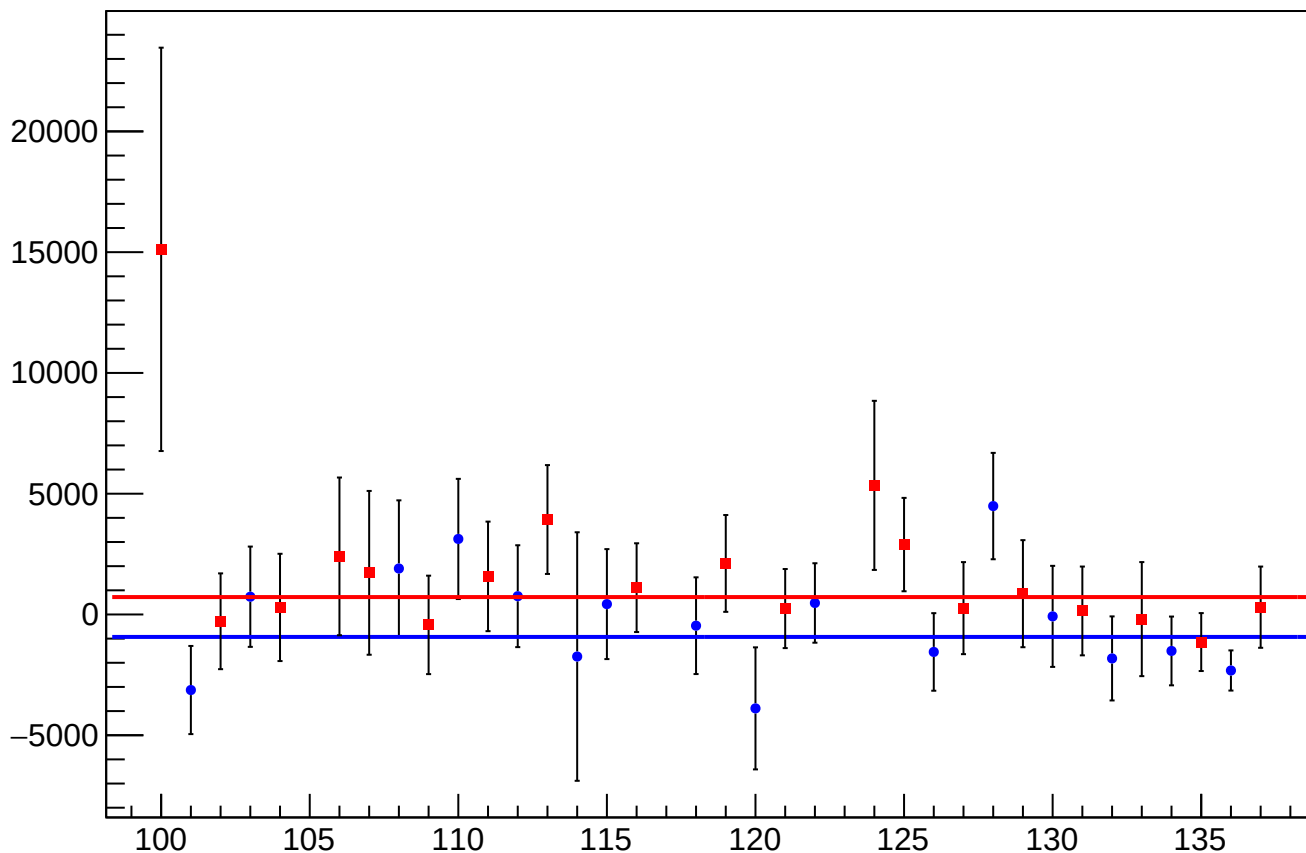
Right: 88.342+/-0.017 χ^2/NDF : 2194173.3/34

In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.342+/-0.017 χ^2/NDF : 2194173.3/34

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.600+/-468.540 χ^2/NDF : 12.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

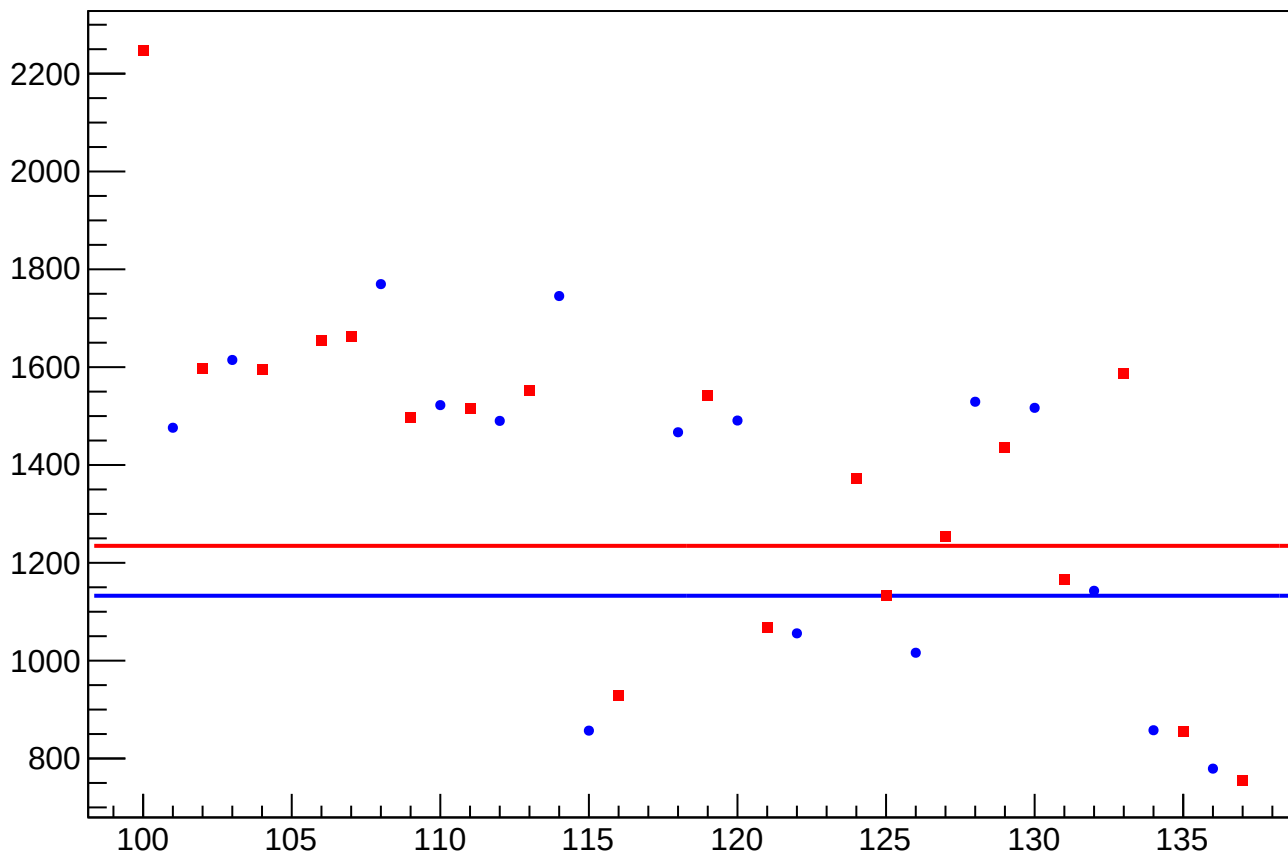
Right: -154.717+/-321.088 χ^2/NDF : 37.6/34

In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -154.717+/-321.088 χ^2/NDF : 37.6/34

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1234.709+/-0.331 χ^2/NDF : 876272.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

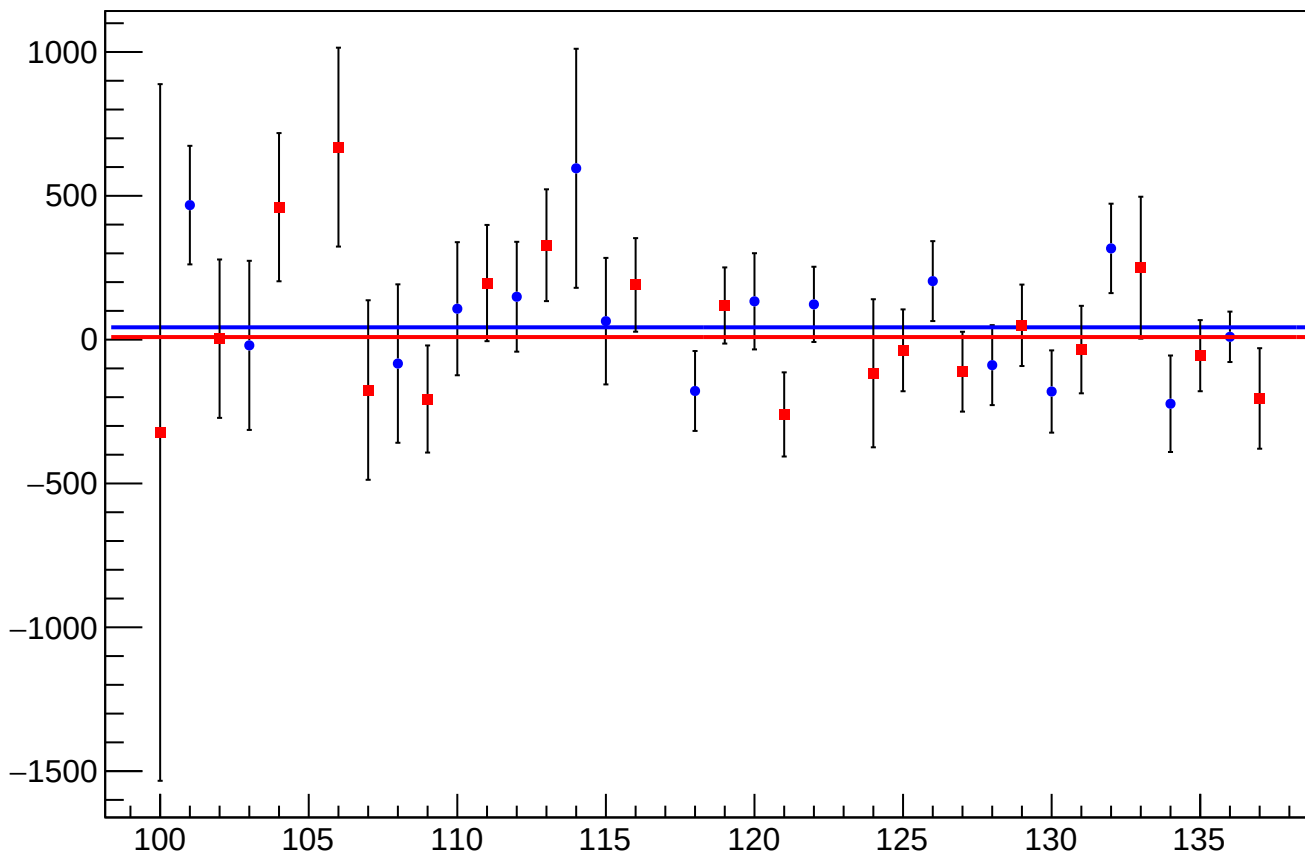
Right: 1180.601+/-0.227 χ^2/NDF : 2050749.6/34

In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.601+/-0.227 χ^2/NDF : 2050749.6/34

dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 42.914 $\pm$ 39.948 χ^2 /NDF: 20.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.989 $\pm$ 41.060 χ^2 /NDF: 21.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

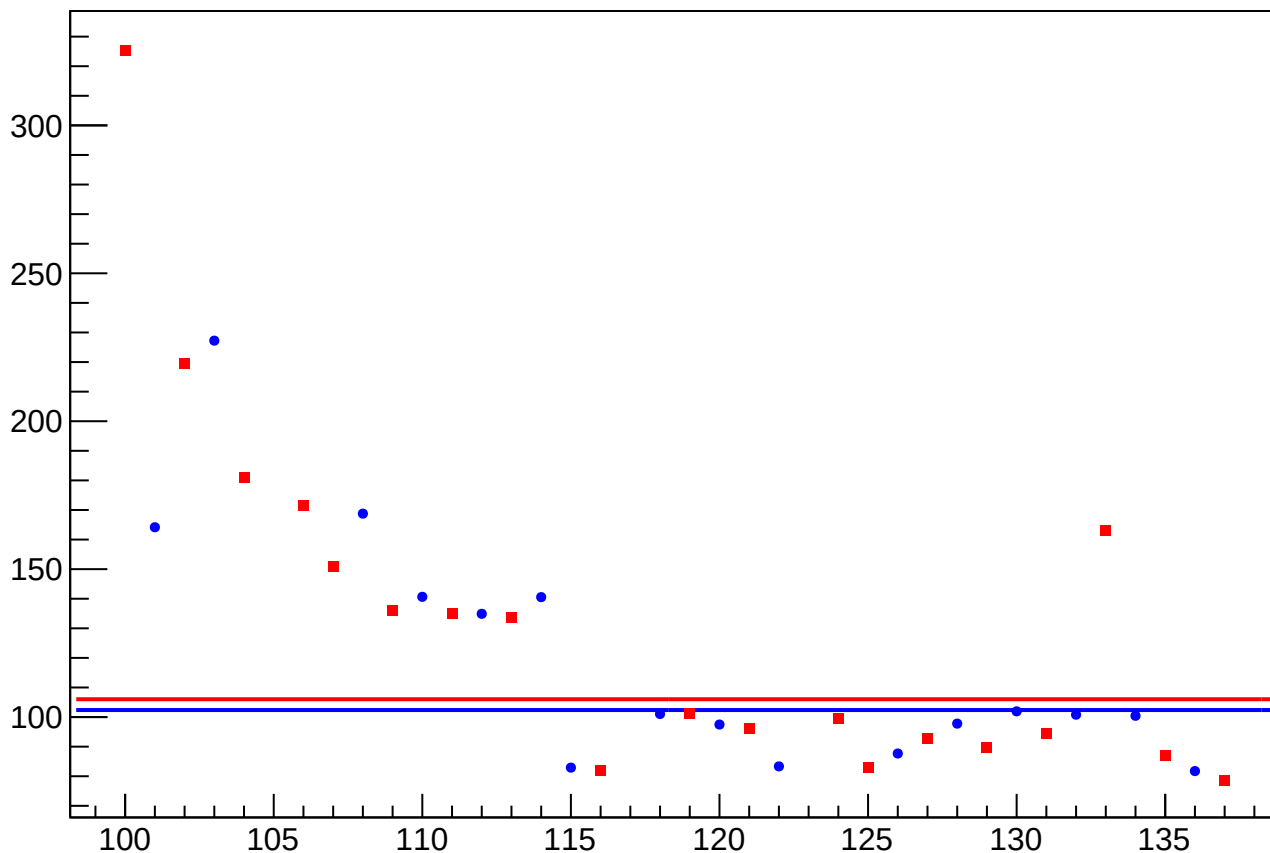
Right: 26.417 $\pm$ 28.632 χ^2 /NDF: 42.0/34

In: 42.914 $\pm$ 39.948 χ^2 /NDF:20.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.417 $\pm$ 28.632 χ^2 /NDF: 42.0/34

dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 102.378+/-0.028 χ^2/NDF : 982311.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.032+/-0.029 χ^2/NDF : 1191294.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

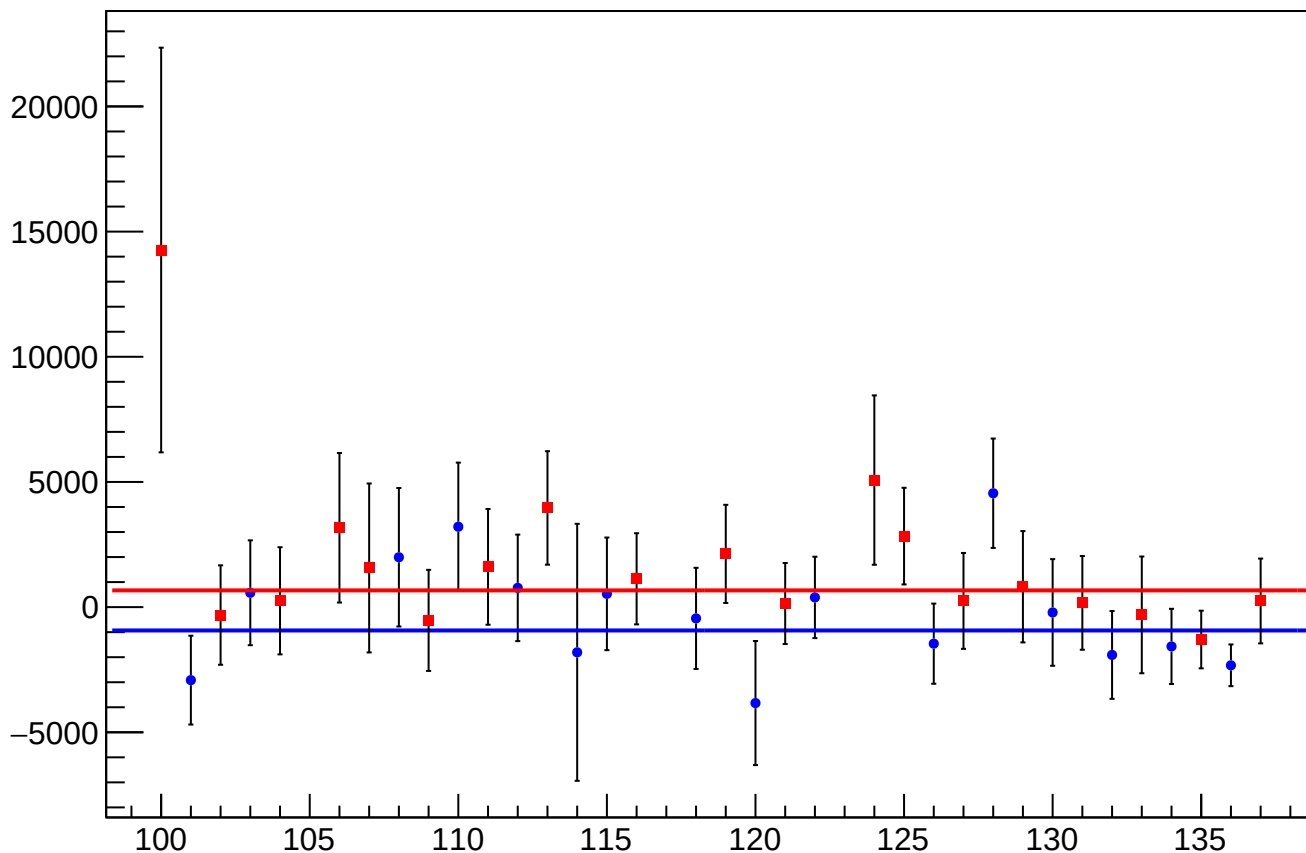
Right: 104.155+/-0.020 χ^2/NDF : 2181742.7/34

In: 102.378+/-0.028 χ^2/NDF : 982311.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.155+/-0.020 χ^2/NDF : 2181742.7/34

asym_sam_3726_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -932.381+/-442.724 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 668.521+/-463.213 χ^2/NDF : 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

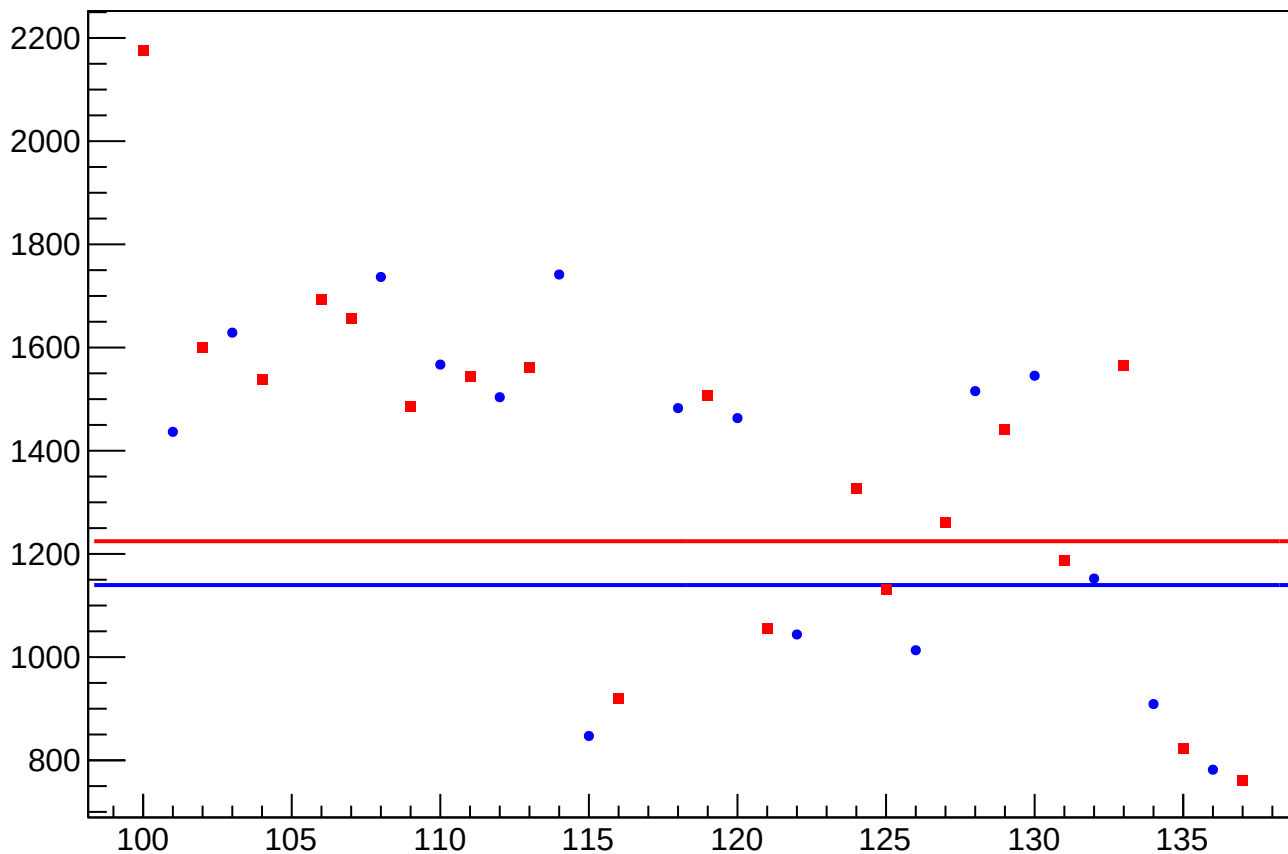
Right: -168.117+/-320.052 χ^2/NDF : 38.2/34

In: -932.381+/-442.724 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.117+/-320.052 χ^2/NDF : 38.2/34

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1139.658 $\pm$ 0.313 χ^2 /NDF: 1093410.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1224.637 $\pm$ 0.328 χ^2 /NDF: 922388.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

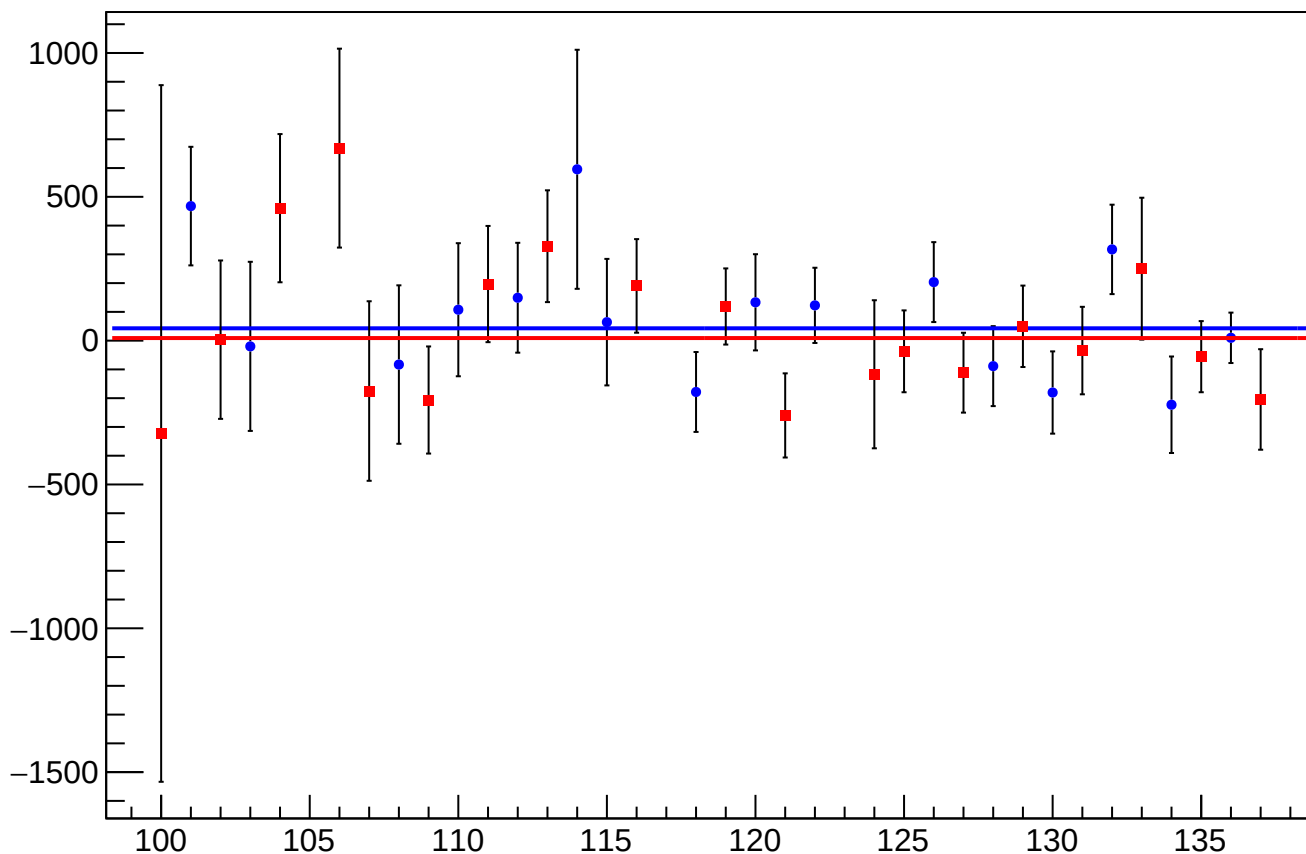
Right: 1180.226 $\pm$ 0.226 χ^2 /NDF: 2050976.5/34

In: 1139.658 $\pm$ 0.313 χ^2 /NDF:1093410.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1180.226 $\pm$ 0.226 χ^2 /NDF: 2050976.5/34

eigen_dit_asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 42.914+/-39.948 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.986+/-41.060 χ^2/NDF : 21.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

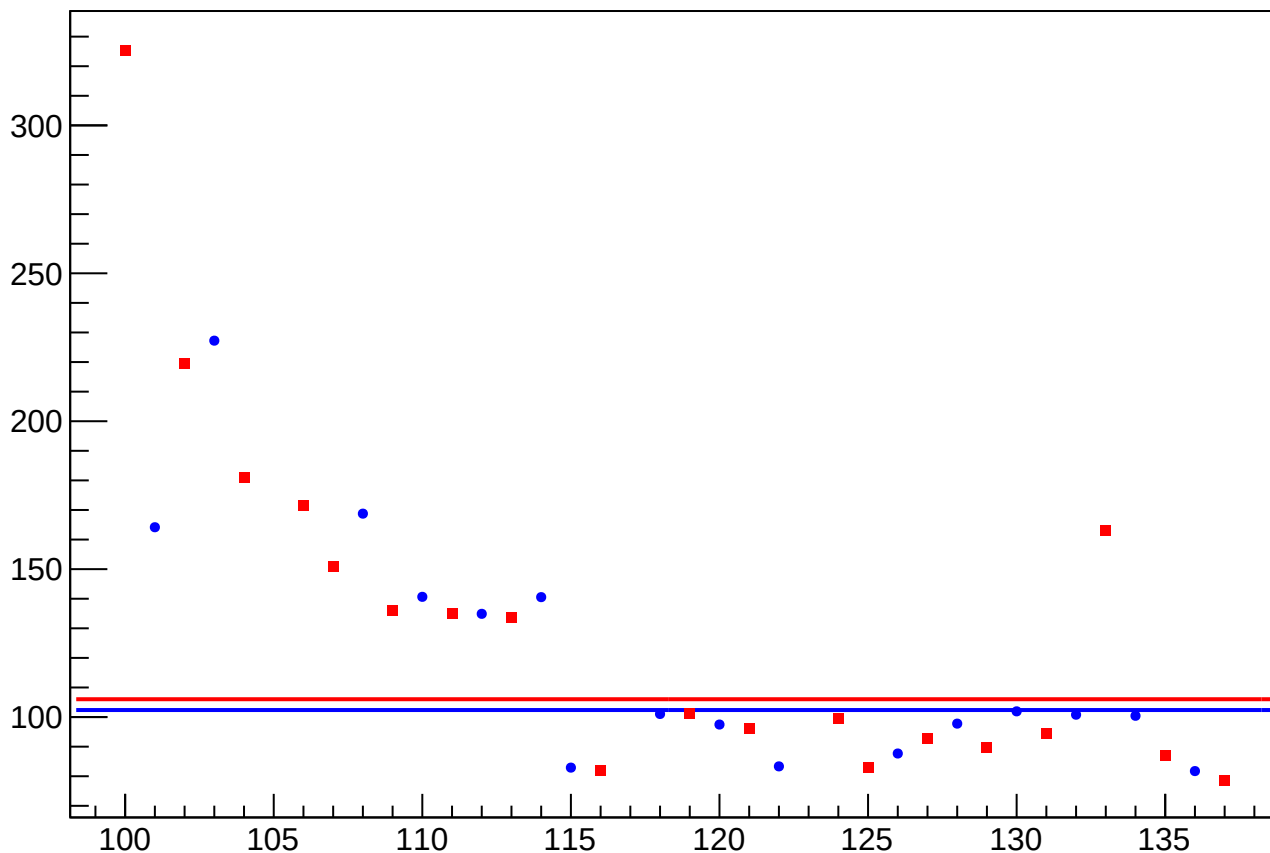
Right: 26.416+/-28.632 χ^2/NDF : 42.0/34

In: 42.914+/-39.948 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.416+/-28.632 χ^2/NDF : 42.0/34

eigen_dit_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 102.378+/-0.028 χ^2/NDF : 982307.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 106.032+/-0.029 χ^2/NDF : 1191296.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

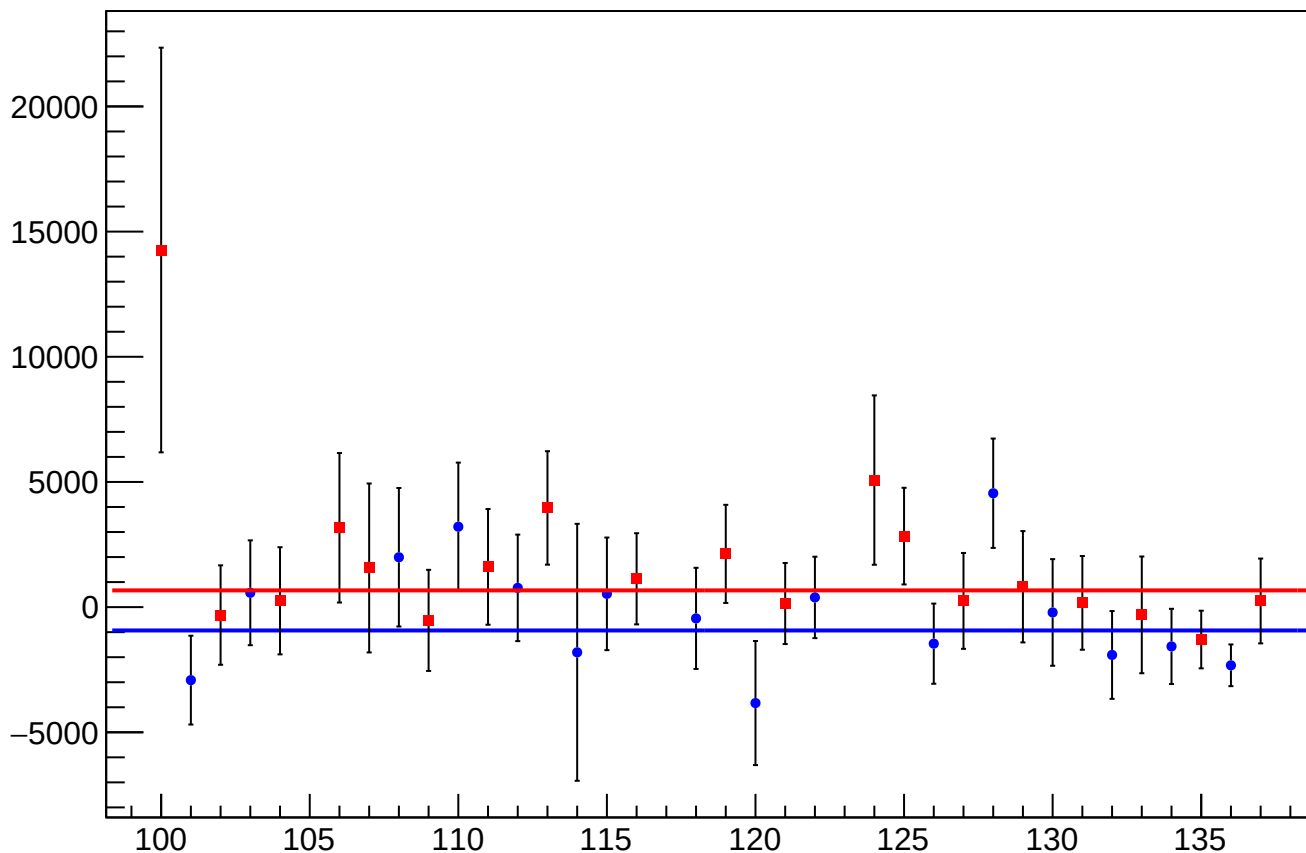
Right: 104.155+/-0.020 χ^2/NDF : 2181741.7/34

In: 102.378+/-0.028 χ^2/NDF : 982307.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.155+/-0.020 χ^2/NDF : 2181741.7/34

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -932.377+/-442.724 χ^2/NDF : 18.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 668.522+/-463.212 χ^2/NDF : 13.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

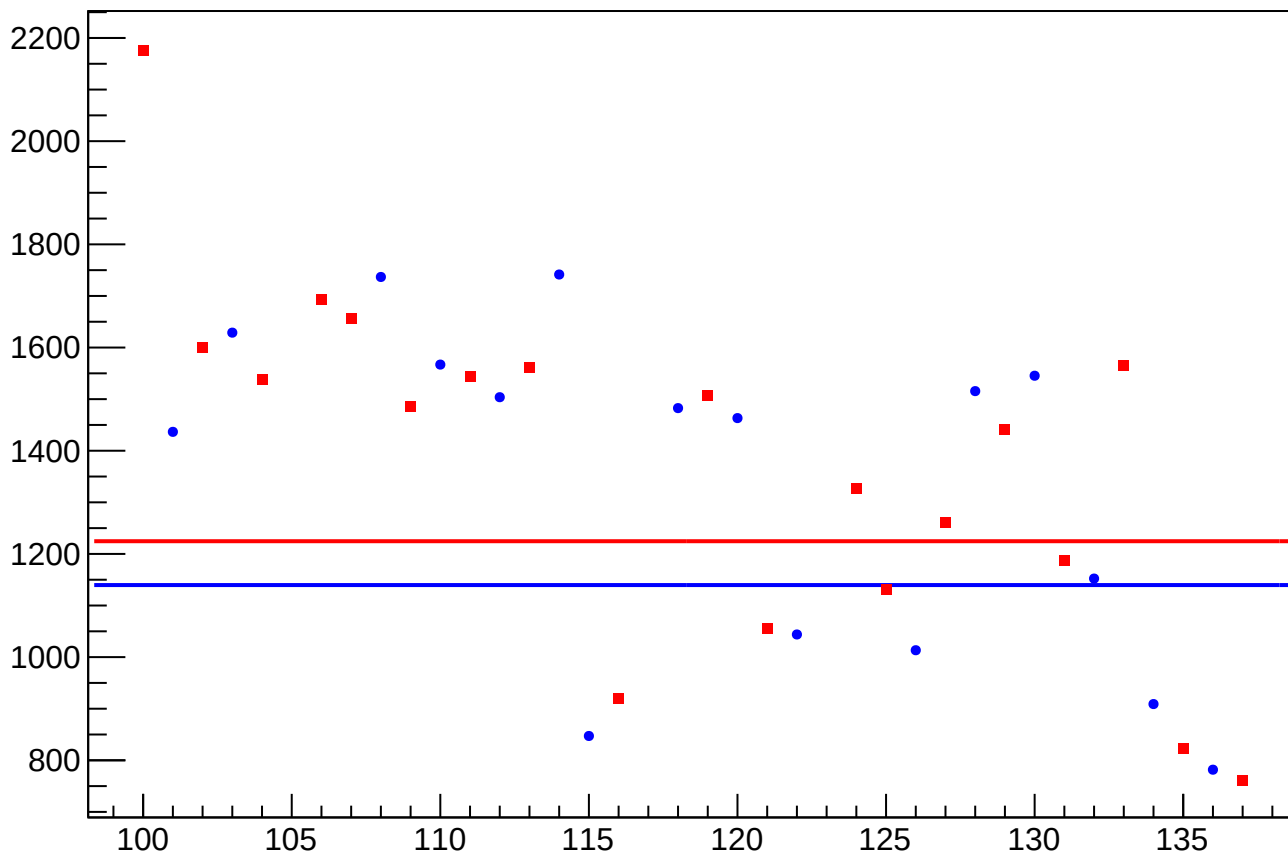
Right: -168.114+/-320.051 χ^2/NDF : 38.2/34

In: -932.377+/-442.724 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -168.114+/-320.051 χ^2/NDF : 38.2/34

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1139.656+/-0.313 χ^2/NDF : 1093397.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1224.635+/-0.328 χ^2/NDF : 922378.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

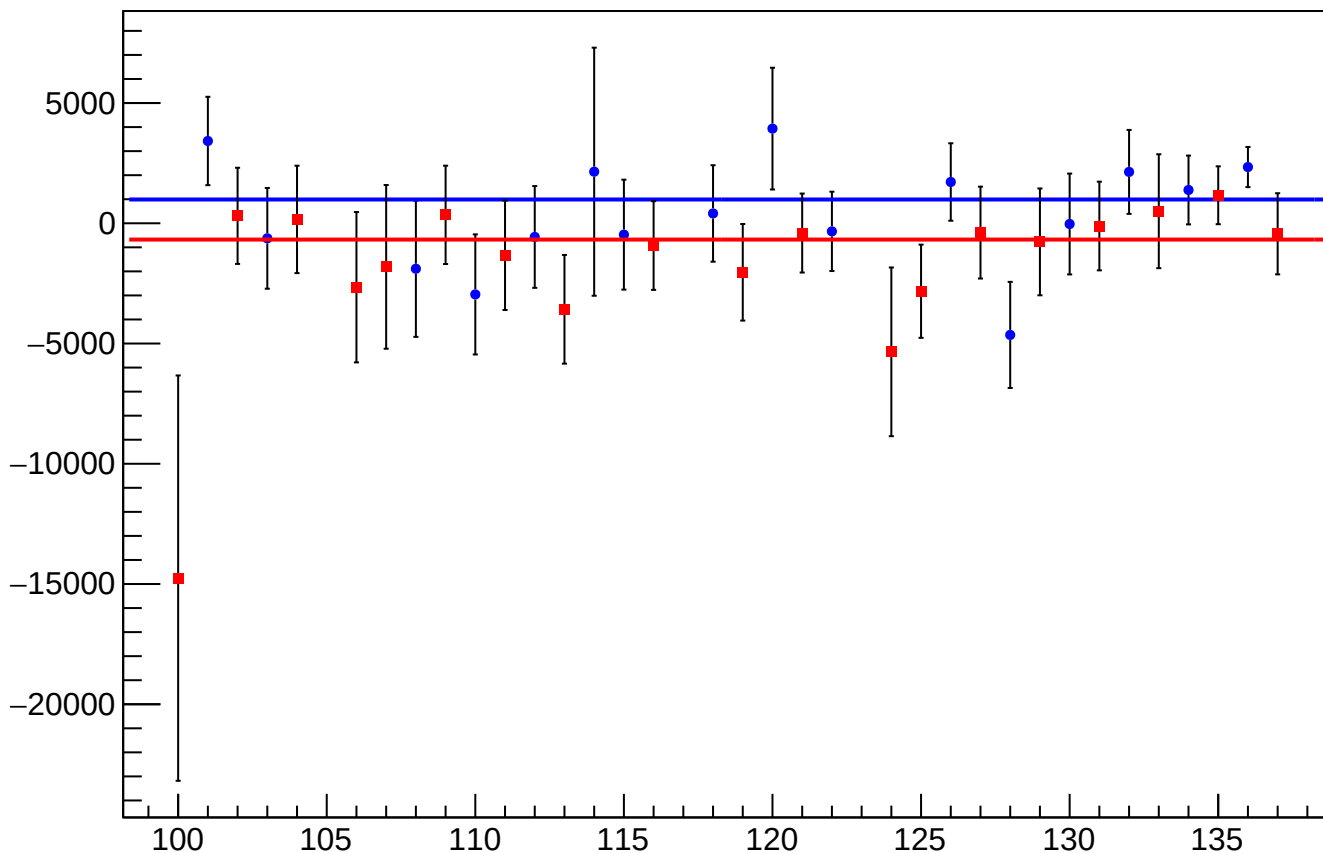
Right: 1180.225+/-0.226 χ^2/NDF : 2050952.9/34

In: 1139.656+/-0.313 χ^2/NDF : 1093397.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1180.225+/-0.226 χ^2/NDF : 2050952.9/34

asym_sam_3726_avg_mean vs Slug, Sign Corrected



Right In: 989.322+/-442.634 χ^2/NDF : 19.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -677.628+/-469.652 χ^2/NDF : 11.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

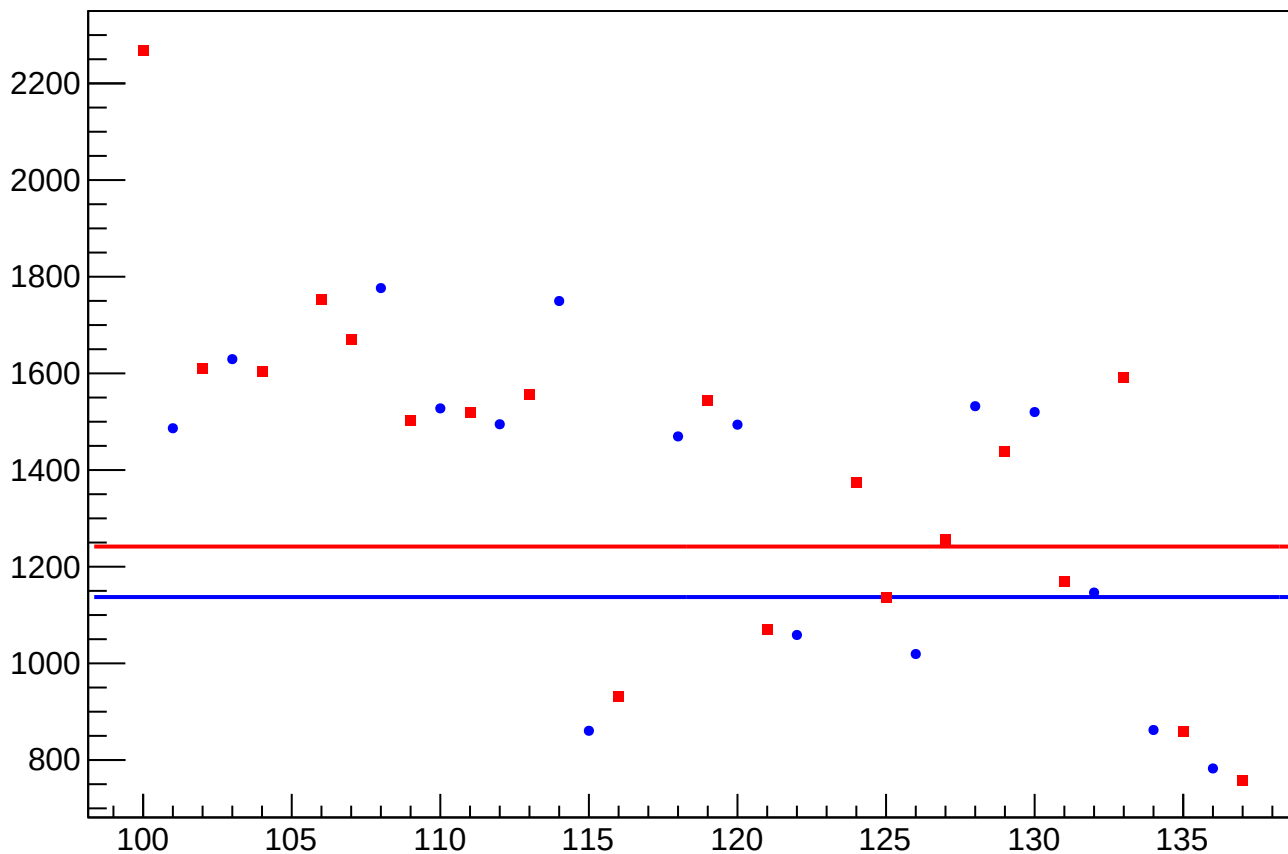
Right: 205.171+/-322.118 χ^2/NDF : 37.6/34

In: 989.322+/-442.634 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.171+/-322.118 χ^2/NDF : 37.6/34

asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 1137.220+/-0.313 χ^2/NDF : 1123685.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1241.709+/-0.332 χ^2/NDF : 899417.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

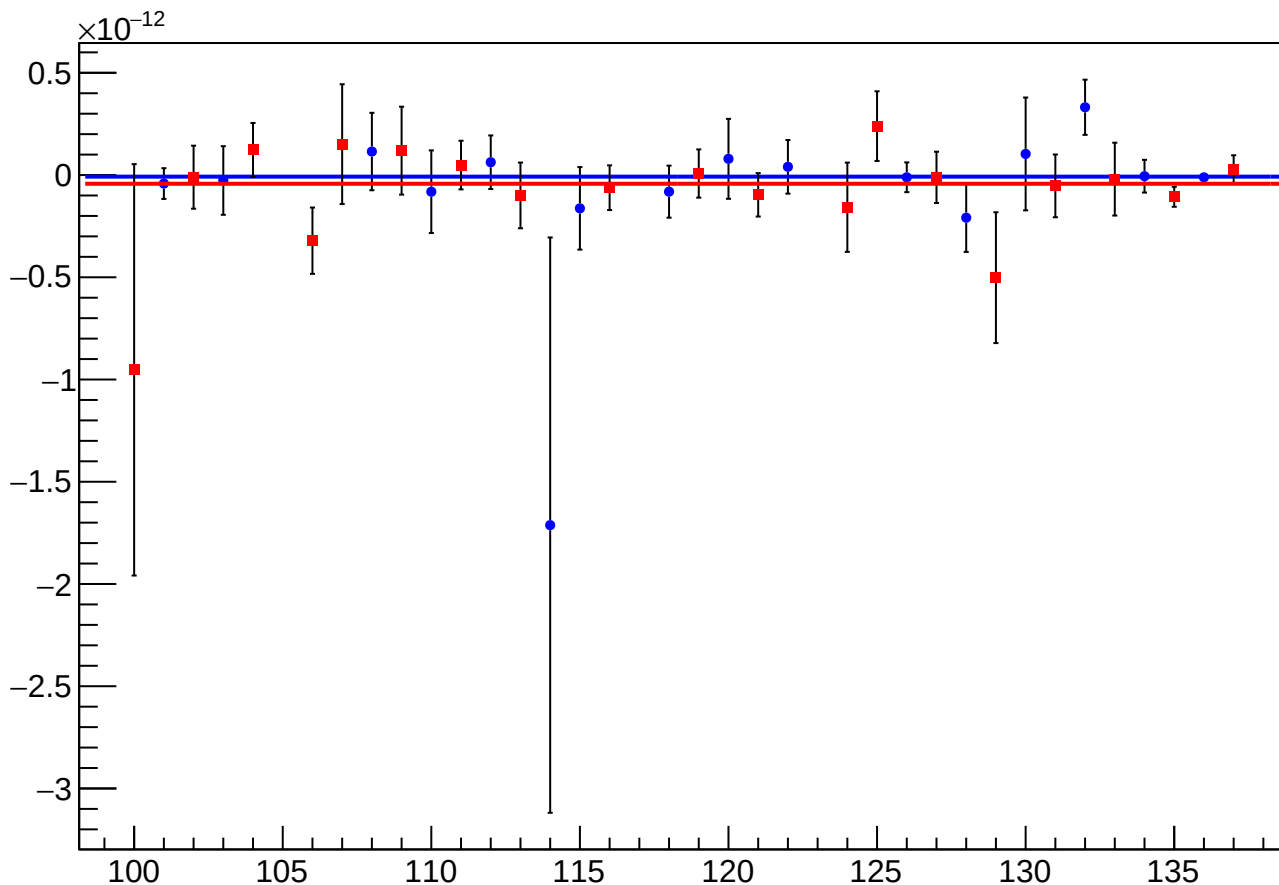
Right: 1186.373+/-0.228 χ^2/NDF : 2075531.5/34

In: 1137.220+/-0.313 χ^2/NDF : 1123685.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1186.373+/-0.228 χ^2/NDF : 2075531.5/34

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

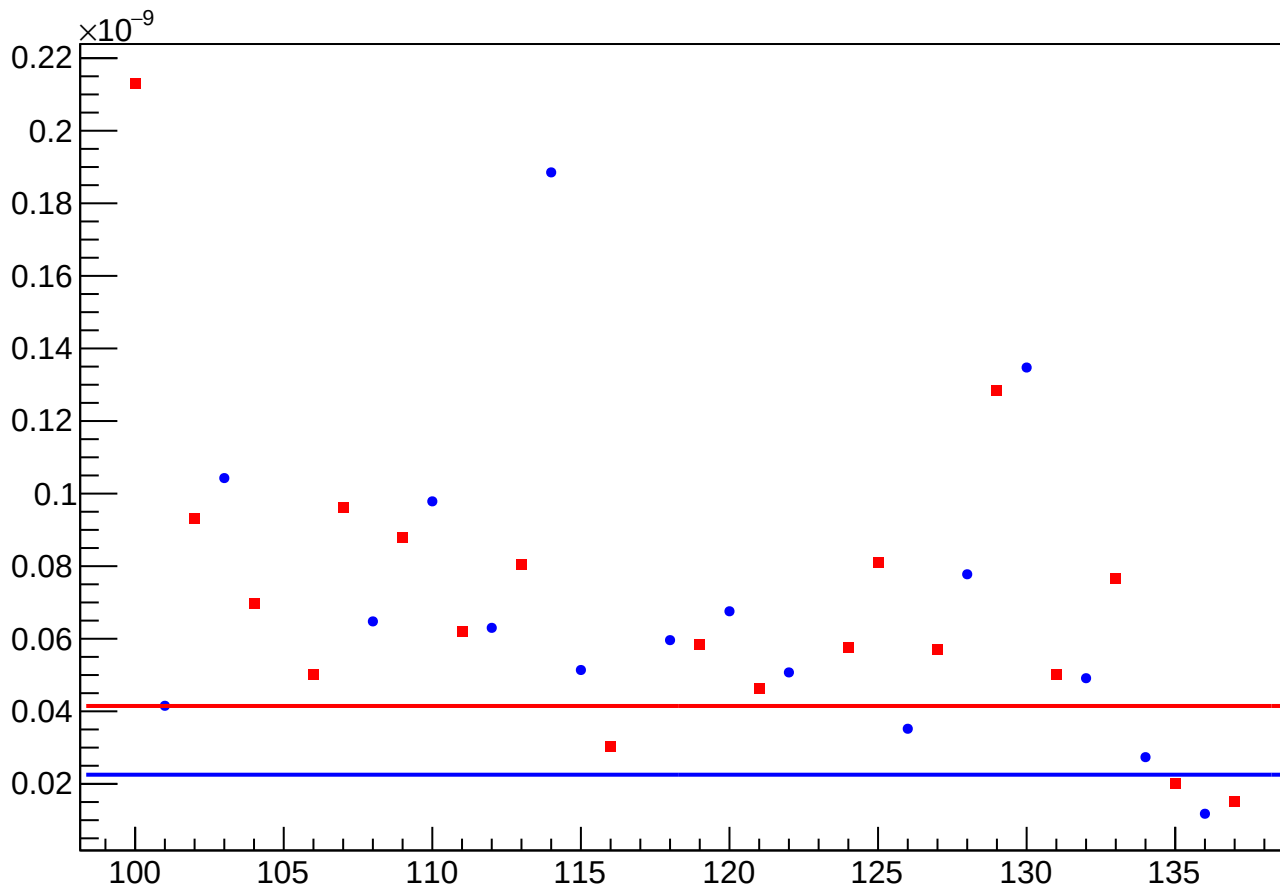
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/34

In: -0.000 $\pm$ 0.000 χ^2 /NDF:11.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/34

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2852766.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1847735.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

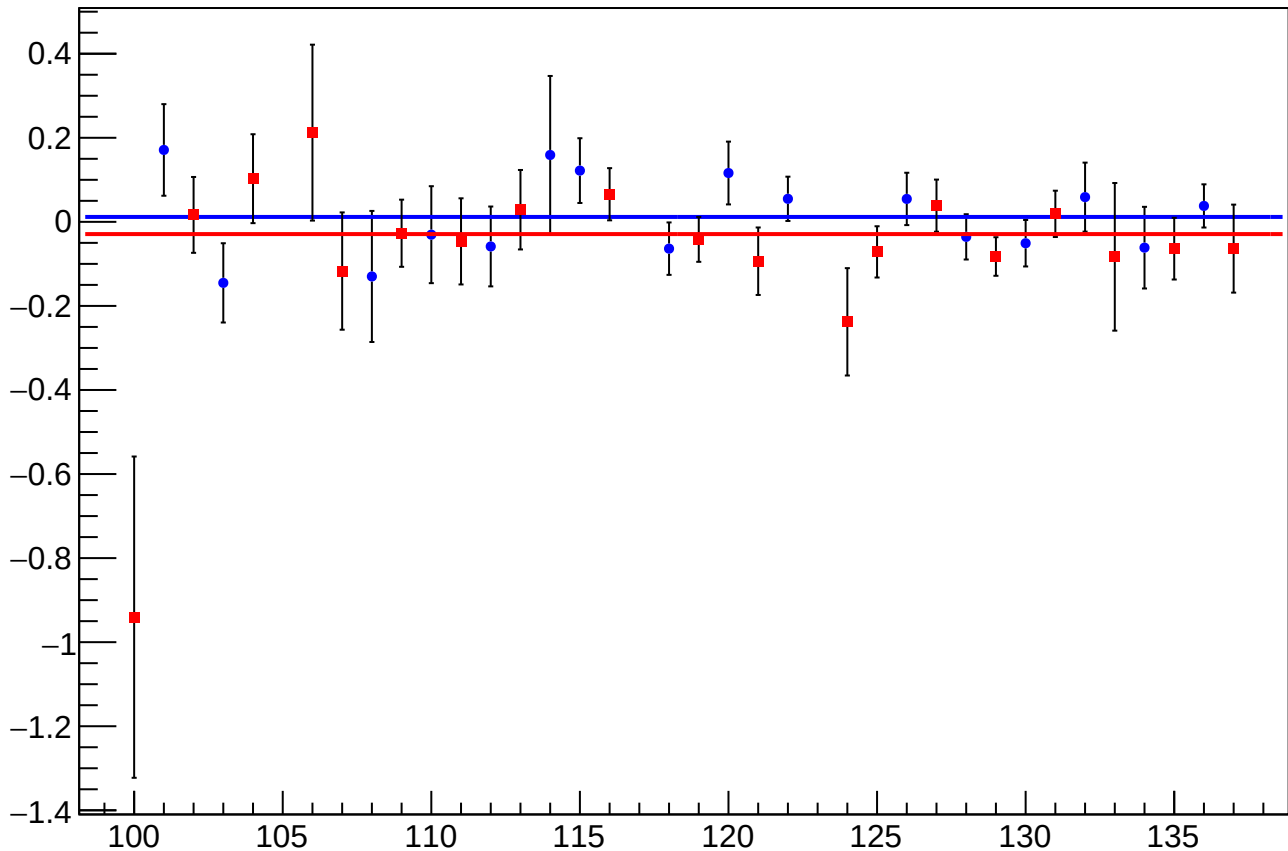
Right: 0.000+/-0.000 χ^2/NDF : 5394567.7/34

In: 0.000+/-0.000 χ^2/NDF : 2852766.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5394567.7/34

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.018 χ^2 /NDF: 19.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

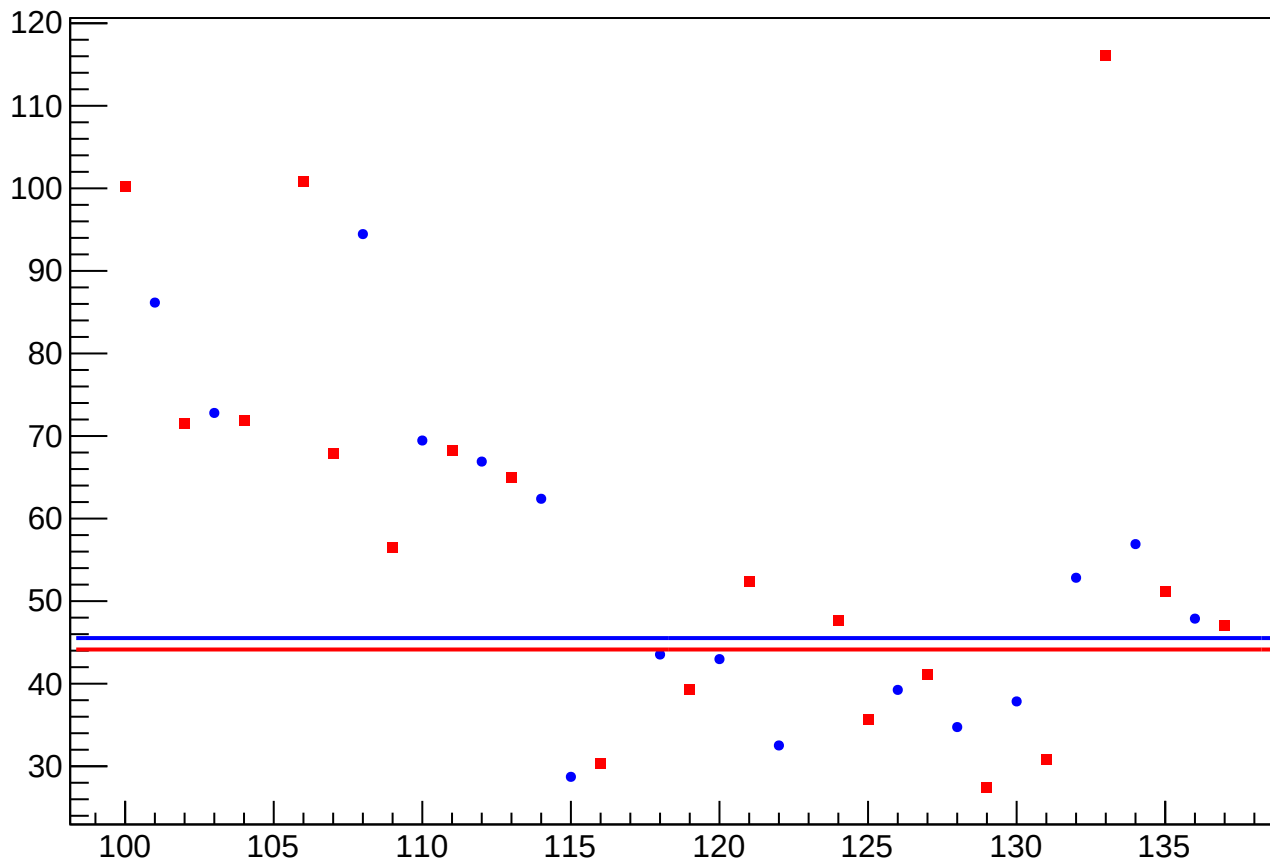
Right: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

In: 0.012 $\pm$ 0.018 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.141+/-0.013 χ^2/NDF : 1743430.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

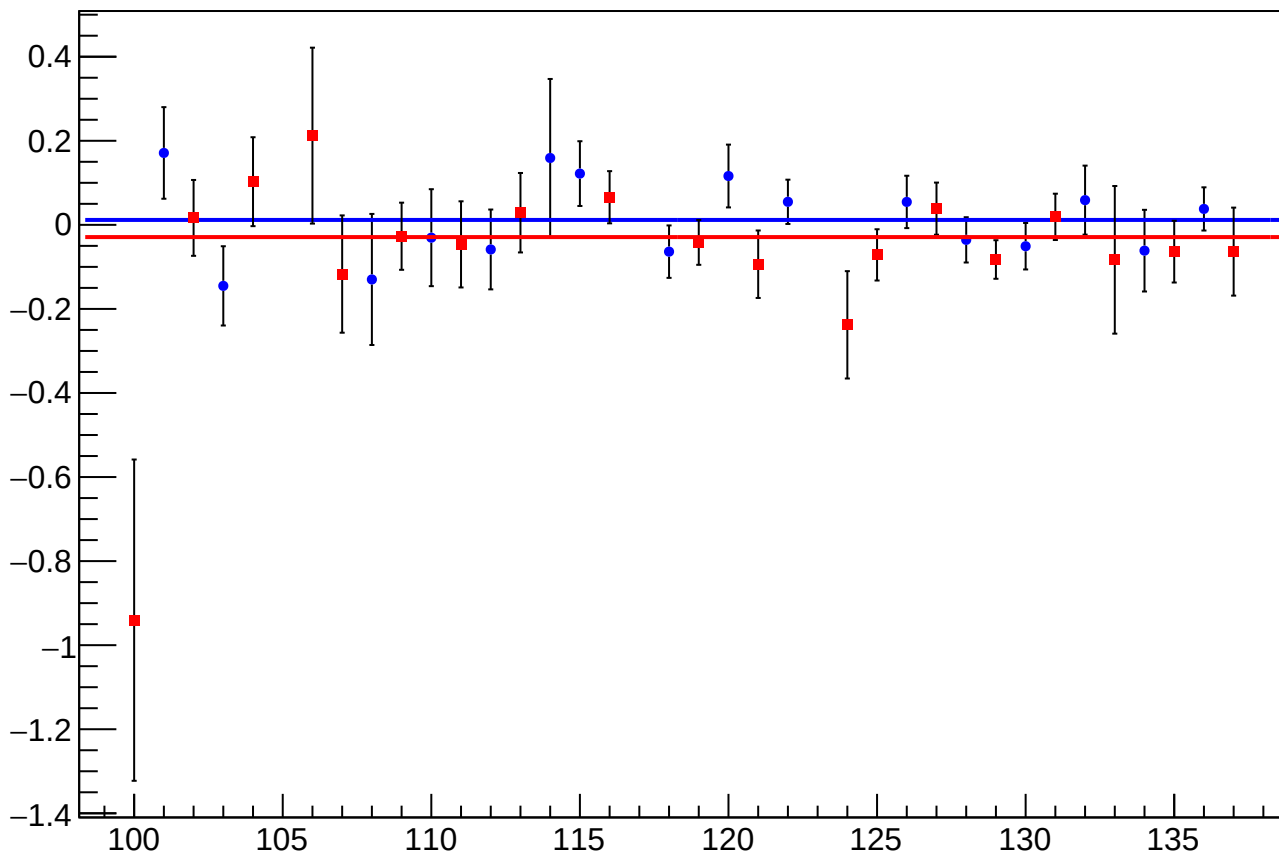
Right: 44.816+/-0.009 χ^2/NDF : 3003242.5/34

In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.816+/-0.009 χ^2/NDF : 3003242.5/34

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.018 χ^2 /NDF: 19.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

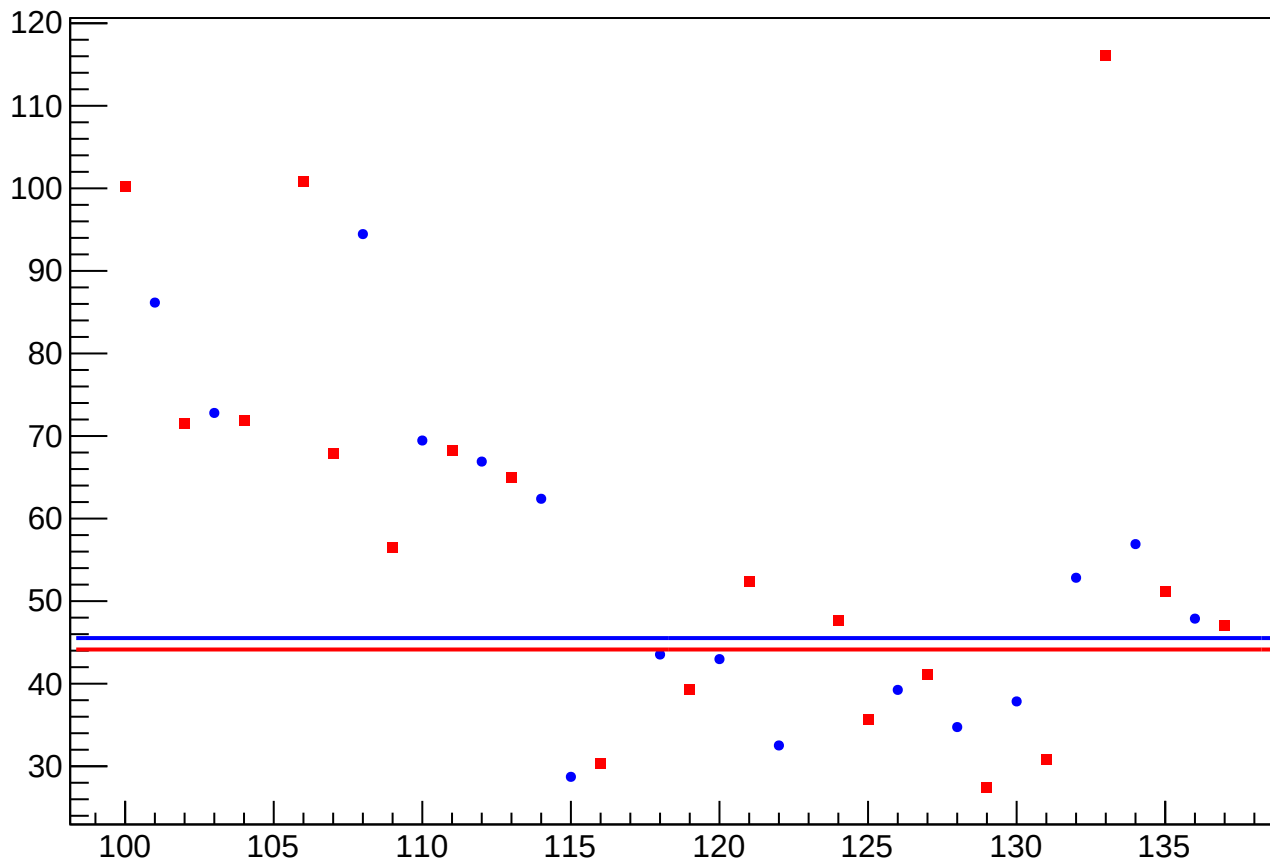
Right: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

In: 0.012 $\pm$ 0.018 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.141+/-0.013 χ^2/NDF : 1743430.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

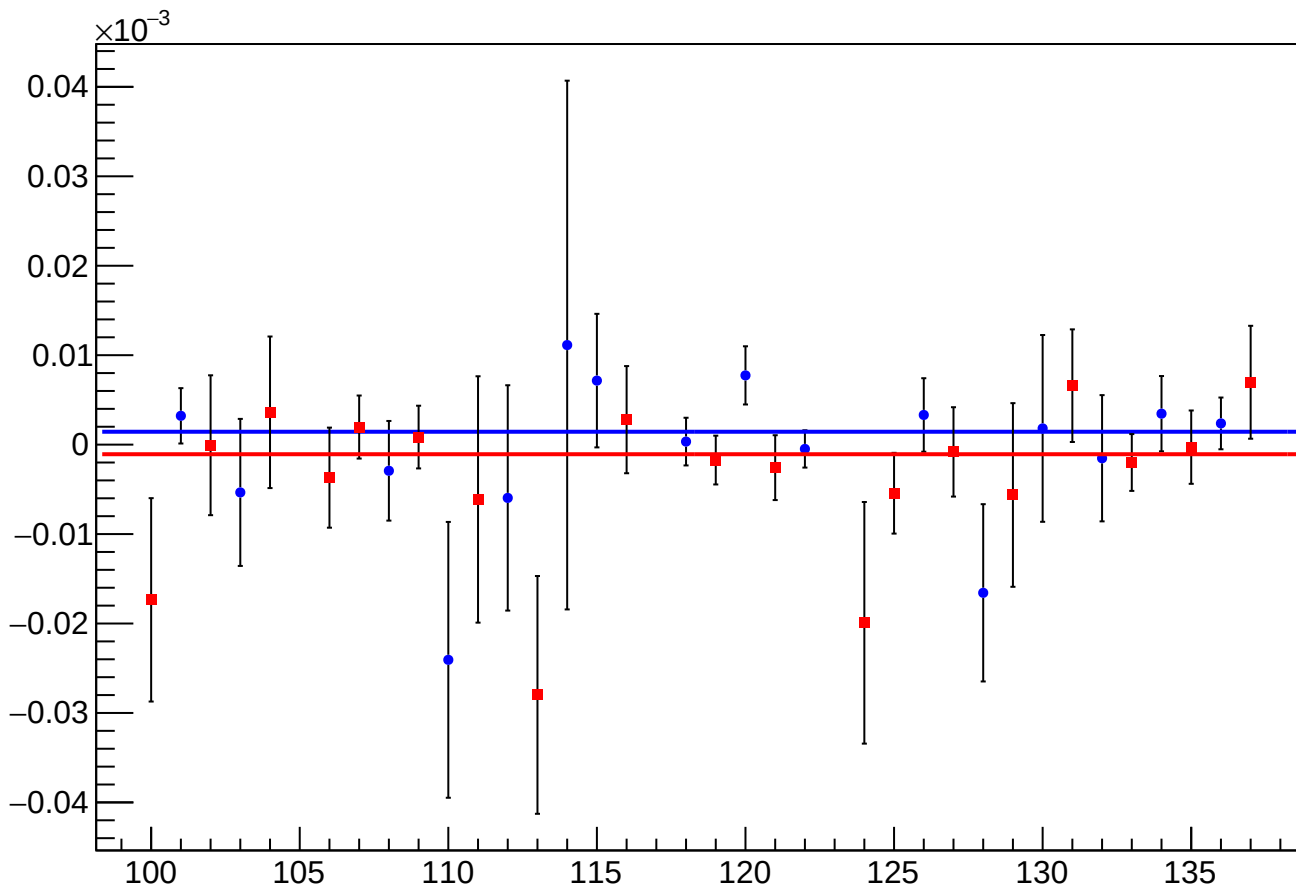
Right: 44.816+/-0.009 χ^2/NDF : 3003242.5/34

In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.816+/-0.009 χ^2/NDF : 3003242.5/34

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 14.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

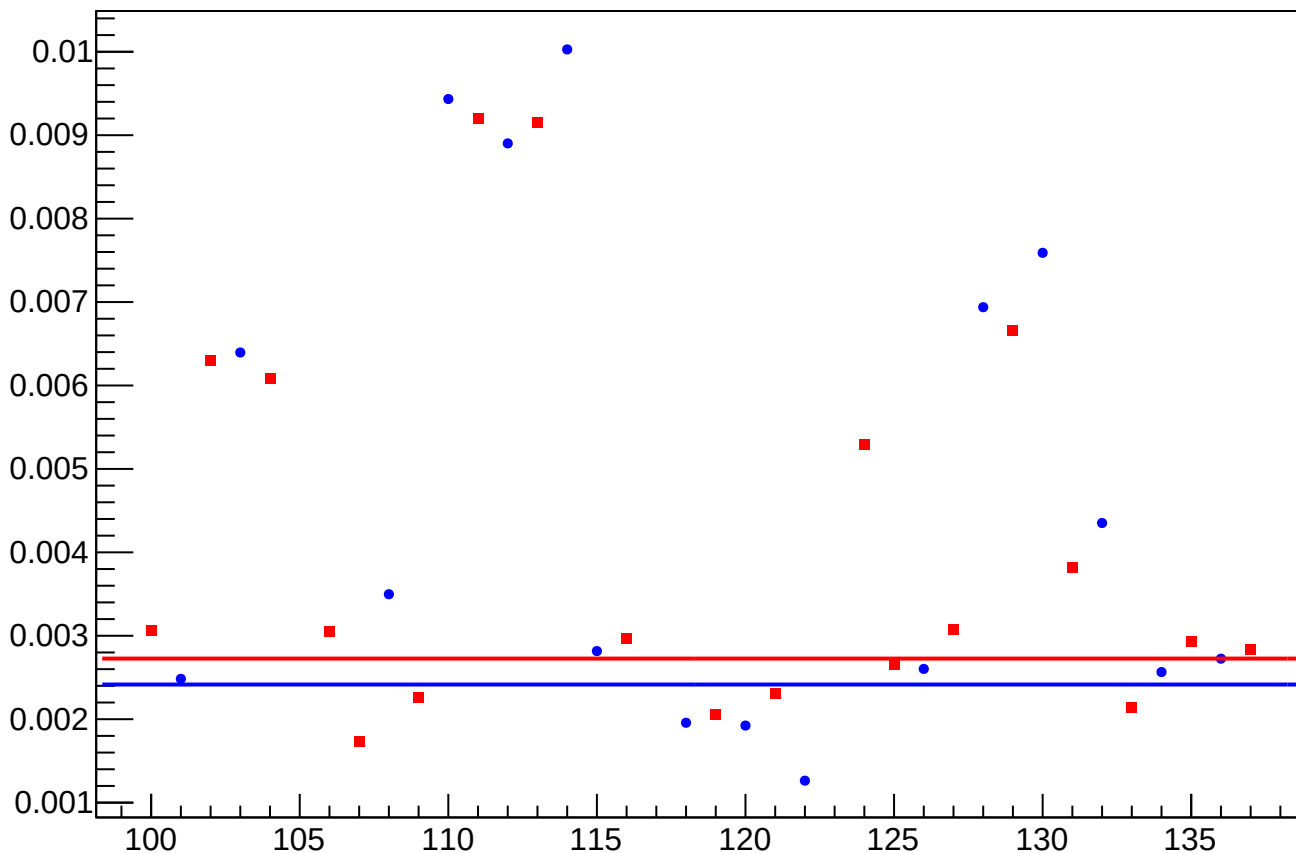
Right: 0.000+/-0.000 χ^2/NDF : 31.7/34

In: 0.000+/-0.000 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.7/34

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 3432108.8/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000

χ^2/NDF : 2505080.1/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 6019731.5/34

In: 0.002+/-0.000

χ^2/NDF : 3432108.8/15

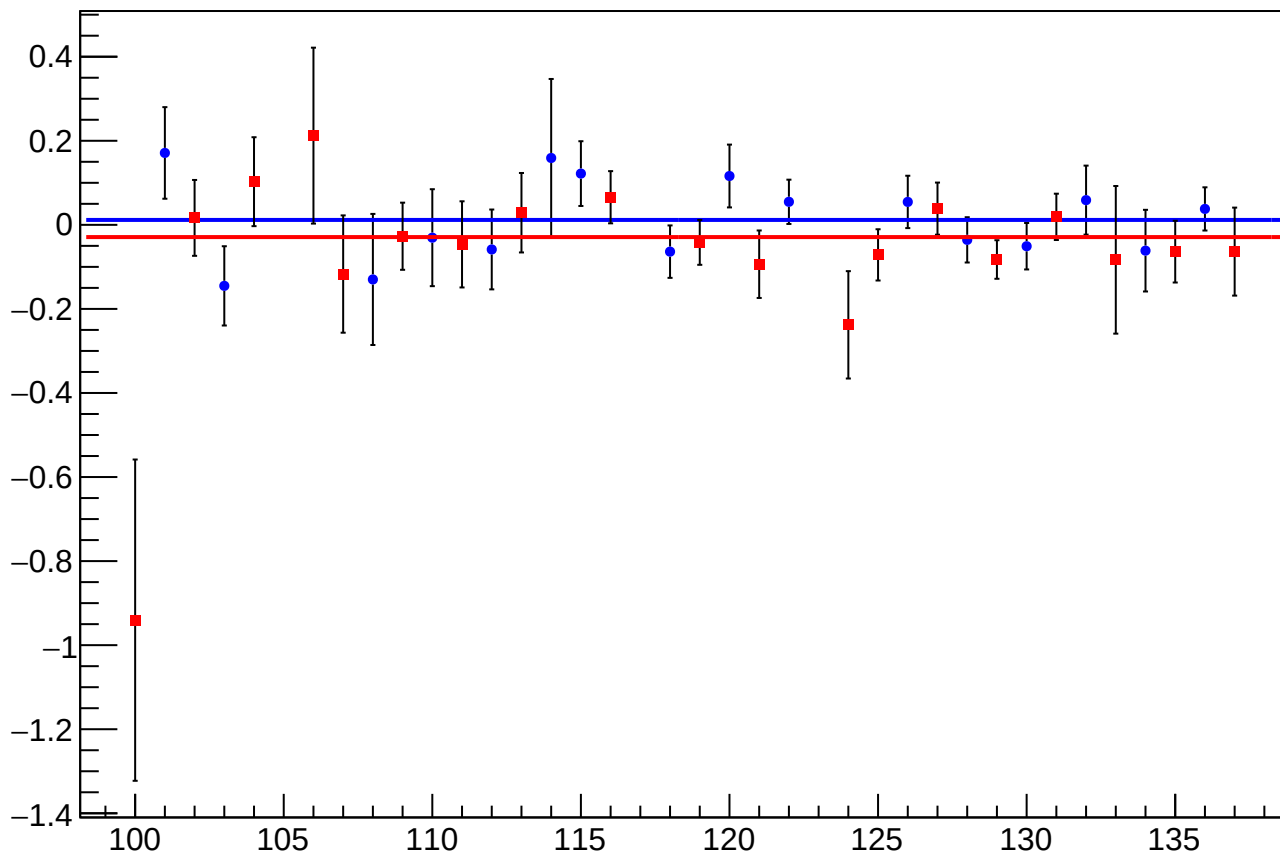
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 6019731.5/34

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.018 χ^2 /NDF: 19.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

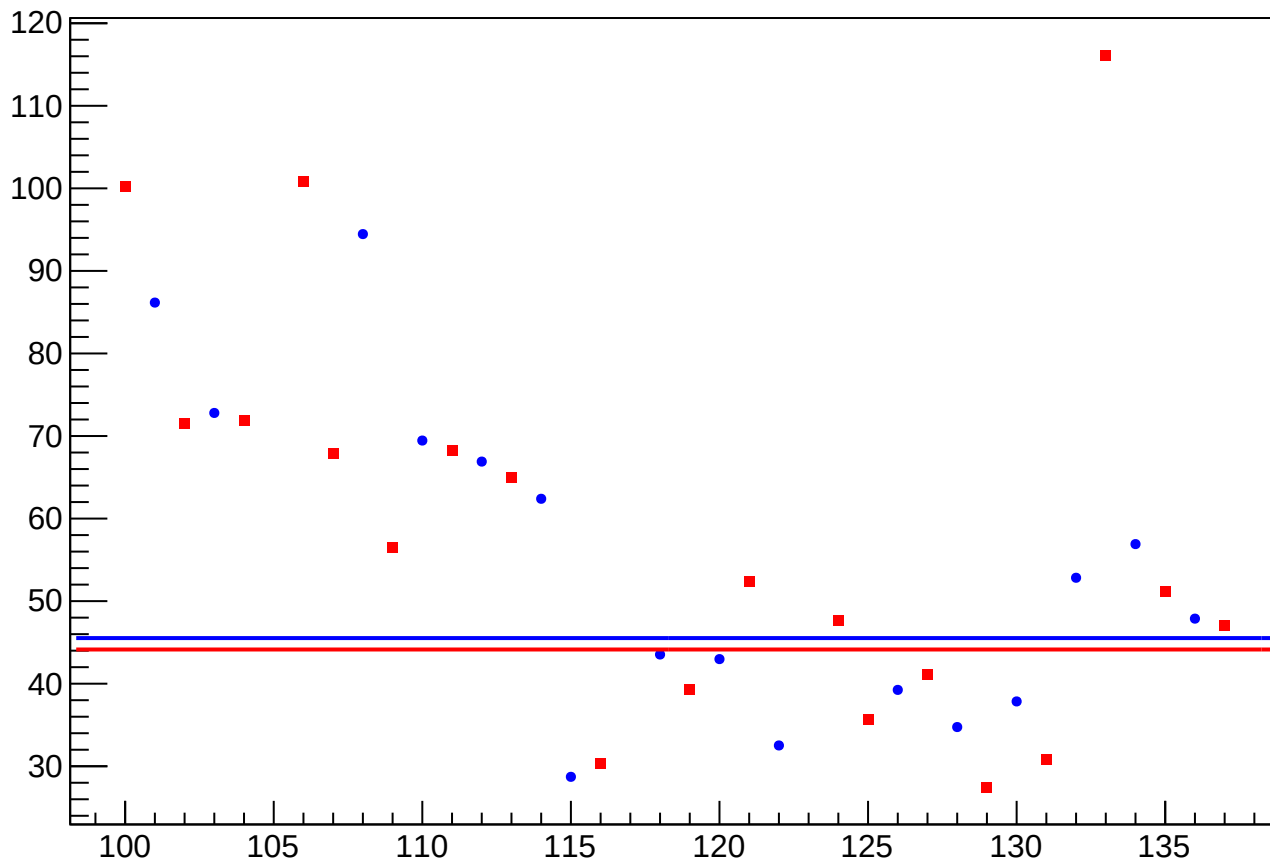
Right: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

In: 0.012 $\pm$ 0.018 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.525+/-0.013 χ^2/NDF : 1253922.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.141+/-0.013 χ^2/NDF : 1743351.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

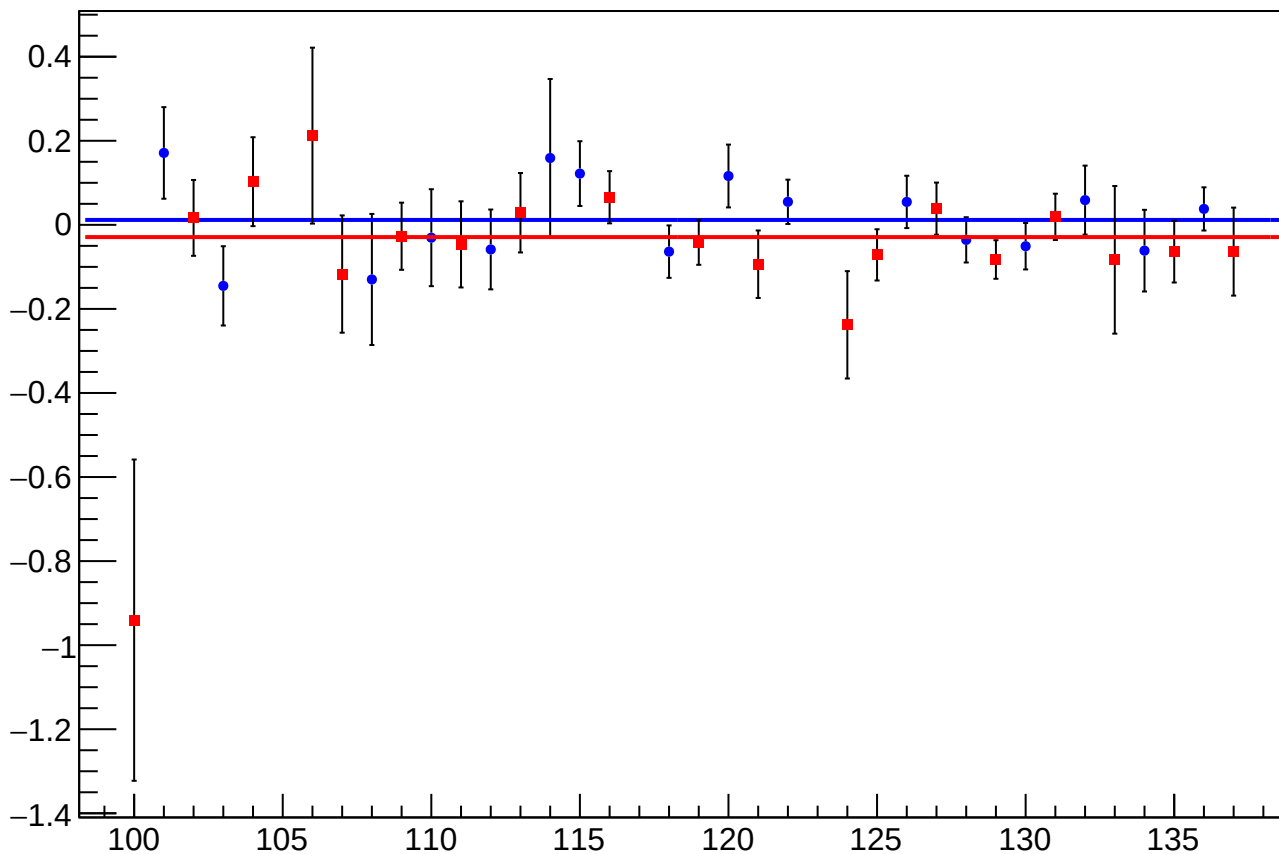
Right: 44.816+/-0.009 χ^2/NDF : 3003114.2/34

In: 45.525+/-0.013 χ^2/NDF : 1253922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.816+/-0.009 χ^2/NDF : 3003114.2/34

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012 $\pm$ 0.018 χ^2 /NDF: 16.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.029 $\pm$ 0.018 χ^2 /NDF: 19.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

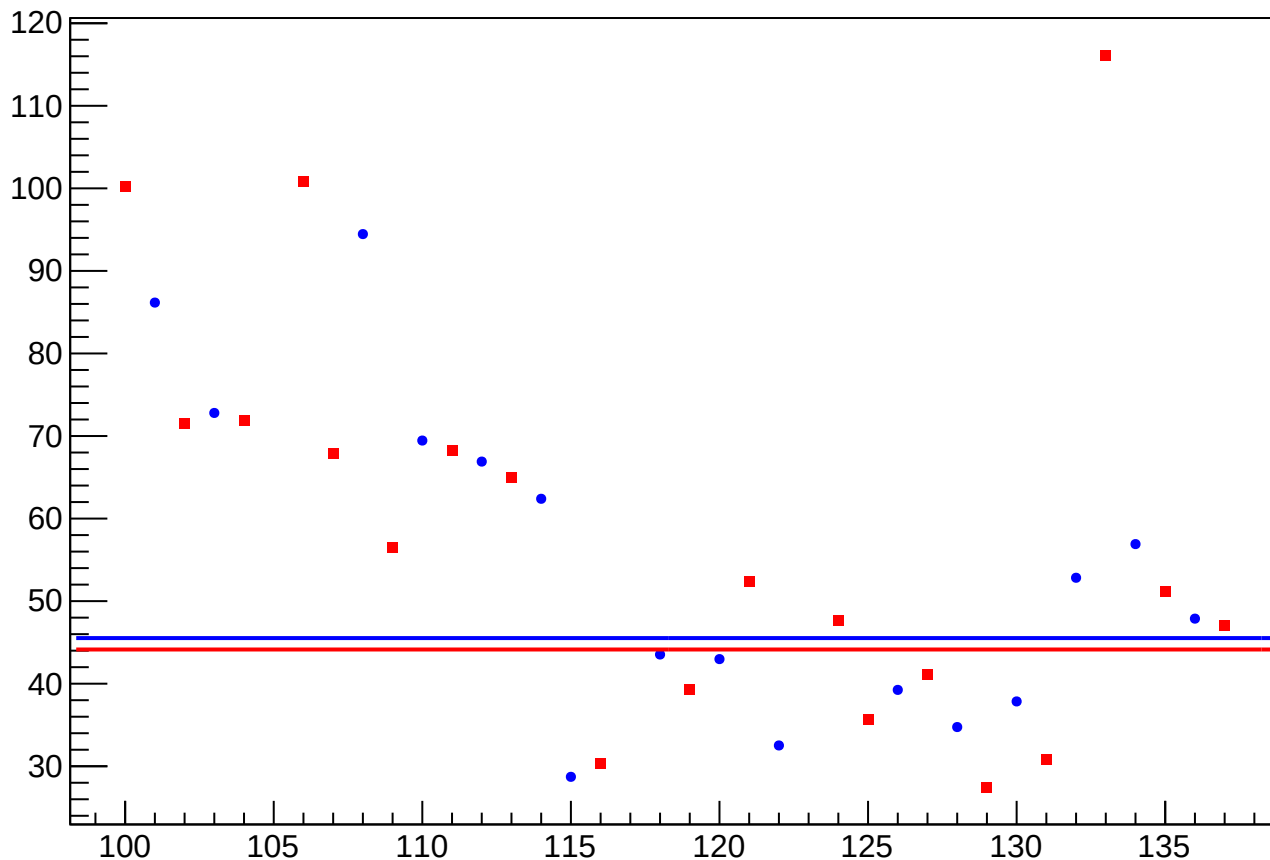
Right: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

In: 0.012 $\pm$ 0.018 χ^2 /NDF:16.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.013 χ^2 /NDF: 38.9/34

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 45.525+/-0.013 χ^2/NDF : 1253922.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 44.141+/-0.013 χ^2/NDF : 1743351.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

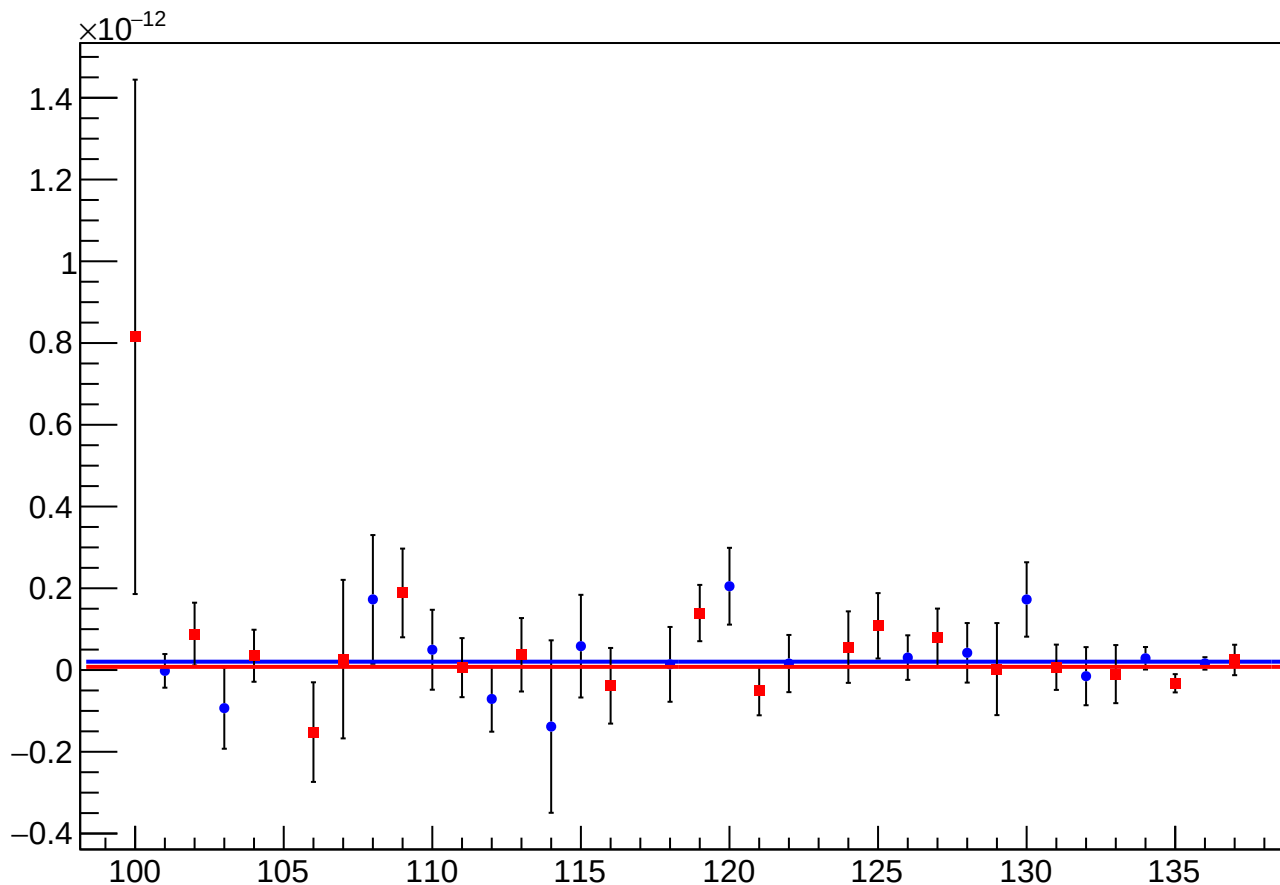
Right: 44.816+/-0.009 χ^2/NDF : 3003114.2/34

In: 45.525+/-0.013 χ^2/NDF :1253922.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 44.816+/-0.009 χ^2/NDF : 3003114.2/34

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

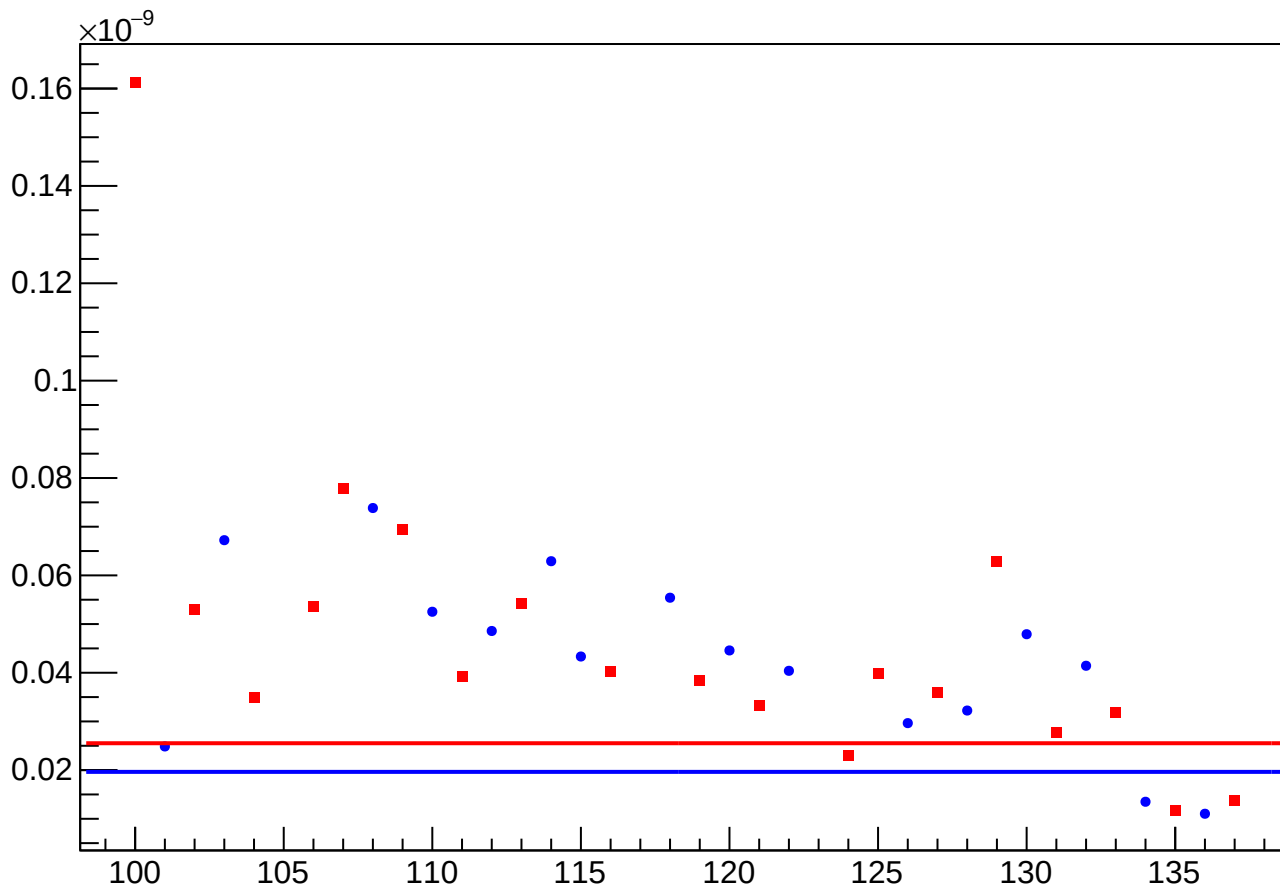
Right: 0.000+/-0.000 χ^2/NDF : 31.1/34

In: 0.000+/-0.000 χ^2/NDF : 11.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.1/34

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3241093.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2703953.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

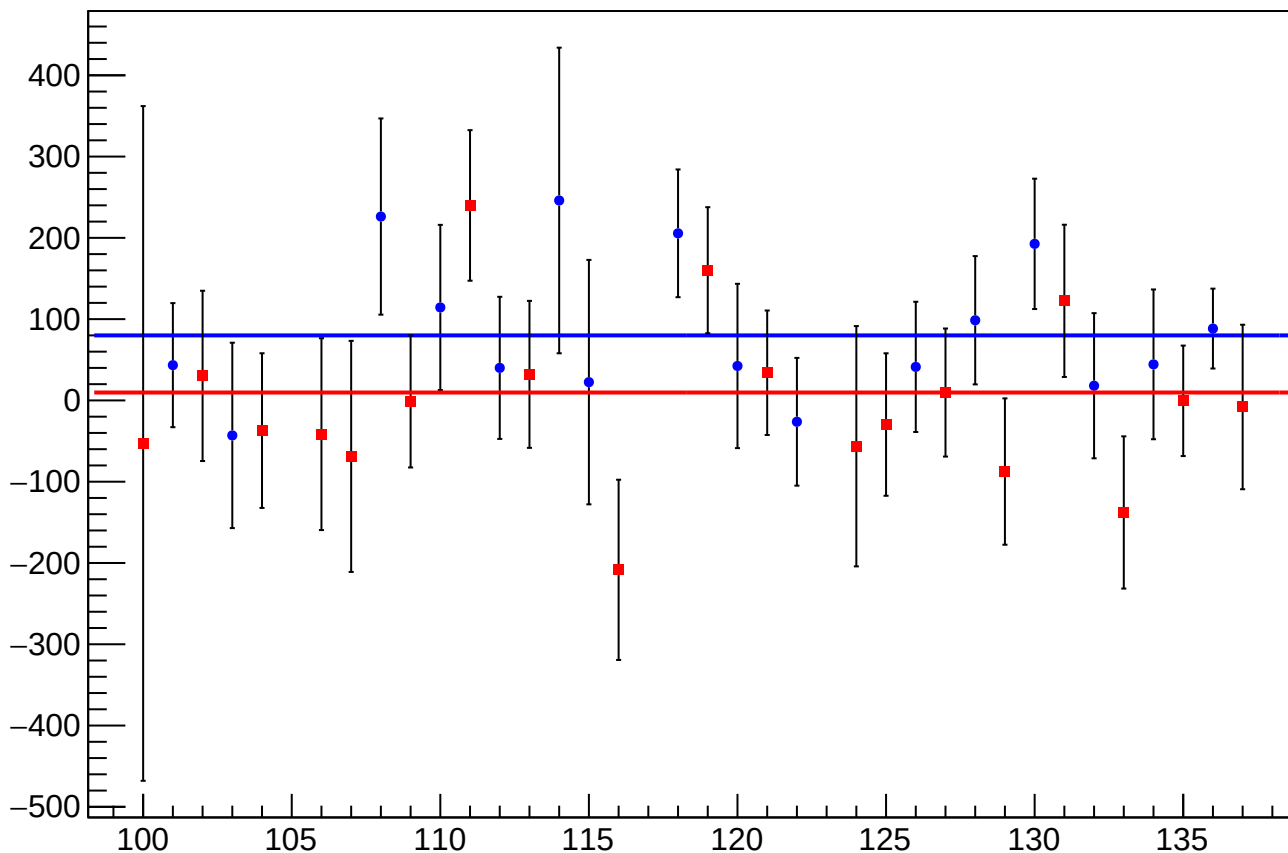
Right: 0.000+/-0.000 χ^2/NDF : 6166556.0/34

In: 0.000+/-0.000 χ^2/NDF : 3241093.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6166556.0/34

reg_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 79.993 $\pm$ 21.474 χ^2 /NDF: 11.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.730 $\pm$ 21.617 χ^2 /NDF: 20.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

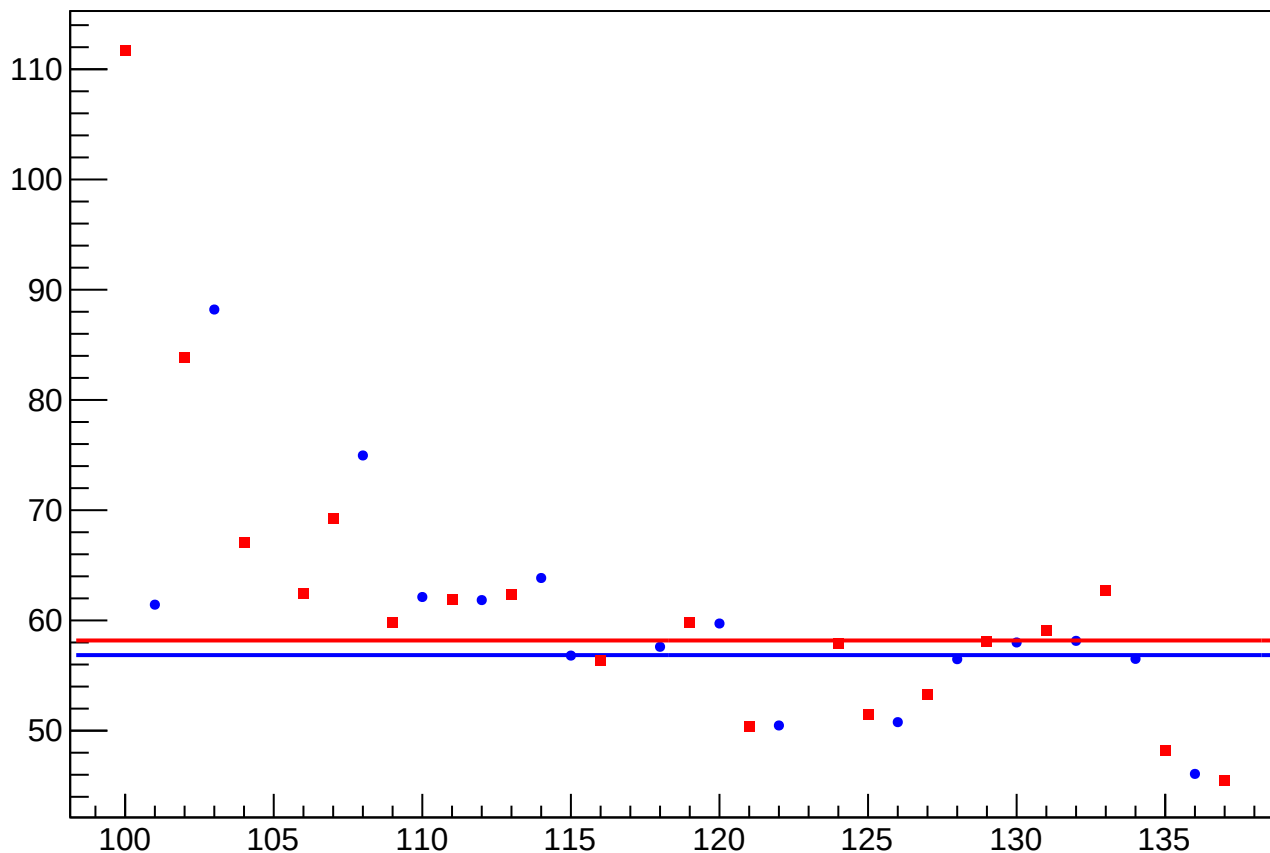
Right: 45.094 $\pm$ 15.235 χ^2 /NDF: 37.2/34

In: 79.993 $\pm$ 21.474 χ^2 /NDF:11.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.094 $\pm$ 15.235 χ^2 /NDF: 37.2/34

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 56.854+/-0.015 χ^2/NDF : 341601.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.181+/-0.015 χ^2/NDF : 314660.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

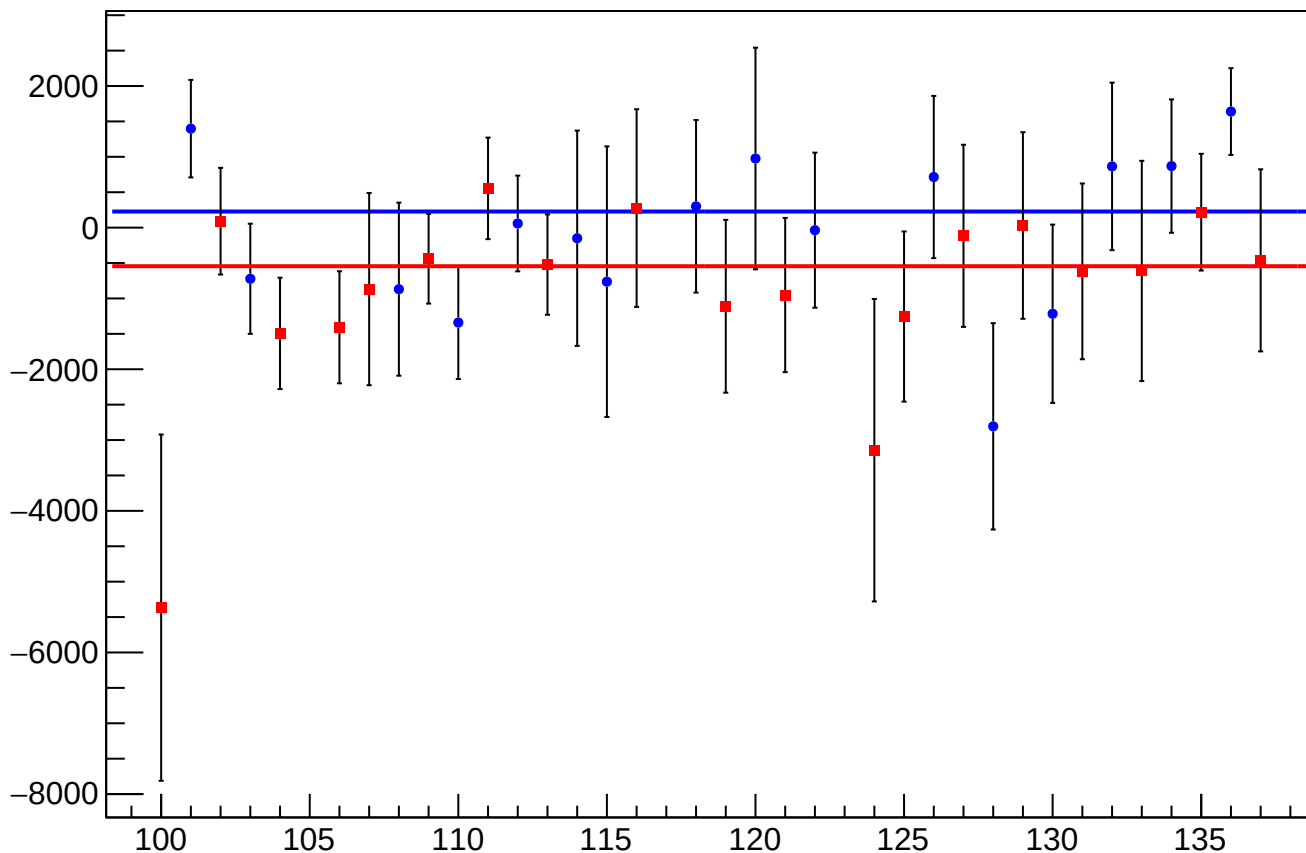
Right: 57.513+/-0.011 χ^2/NDF : 660056.1/34

In: 56.854+/-0.015 χ^2/NDF : 341601.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.513+/-0.011 χ^2/NDF : 660056.1/34

asym_sam_15_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 227.508+/-241.225 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -544.769+/-227.243 χ^2/NDF : 13.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

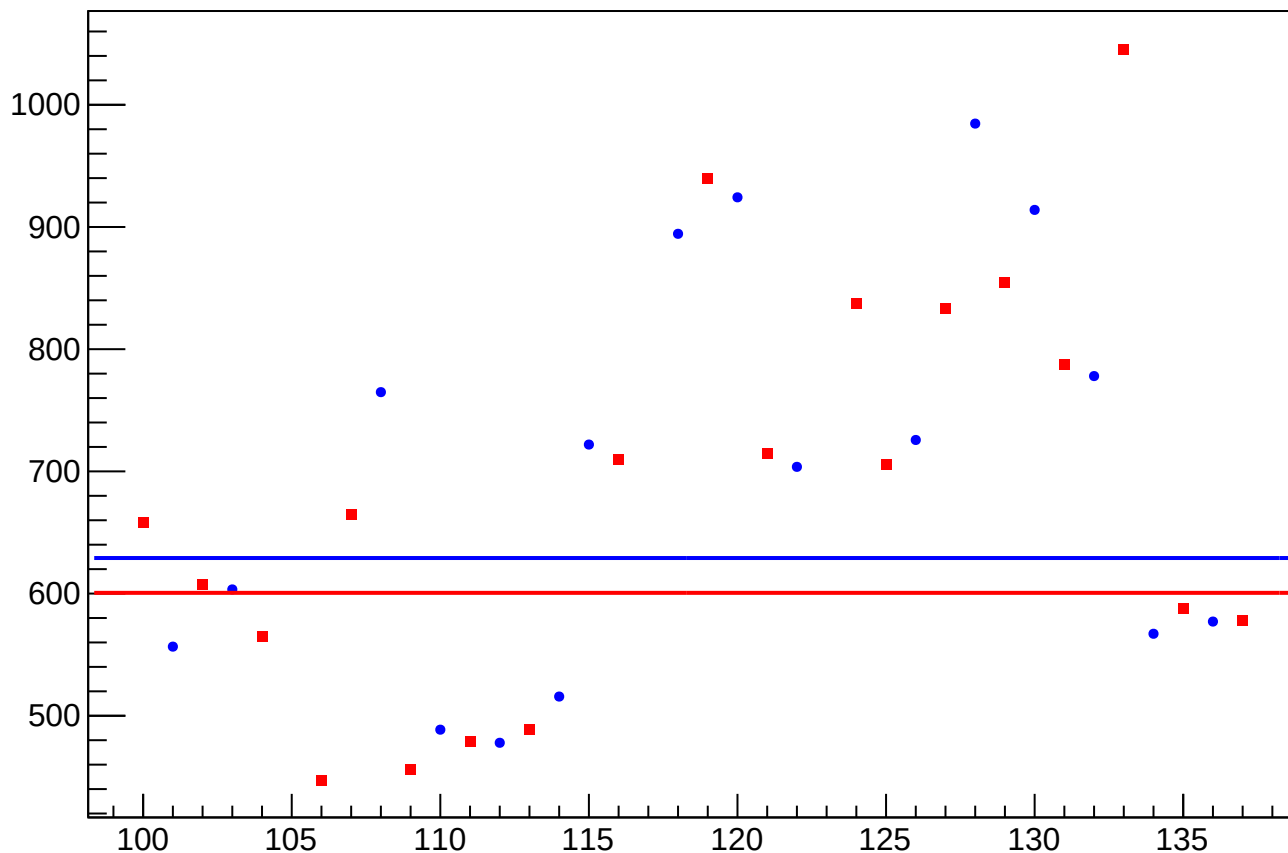
Right: -181.660+/-165.407 χ^2/NDF : 40.4/34

In: 227.508+/-241.225 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -181.660+/-165.407 χ^2/NDF : 40.4/34

asym_sam_15_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 629.096+/-0.171 χ^2/NDF : 692724.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 600.593+/-0.161 χ^2/NDF : 874614.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

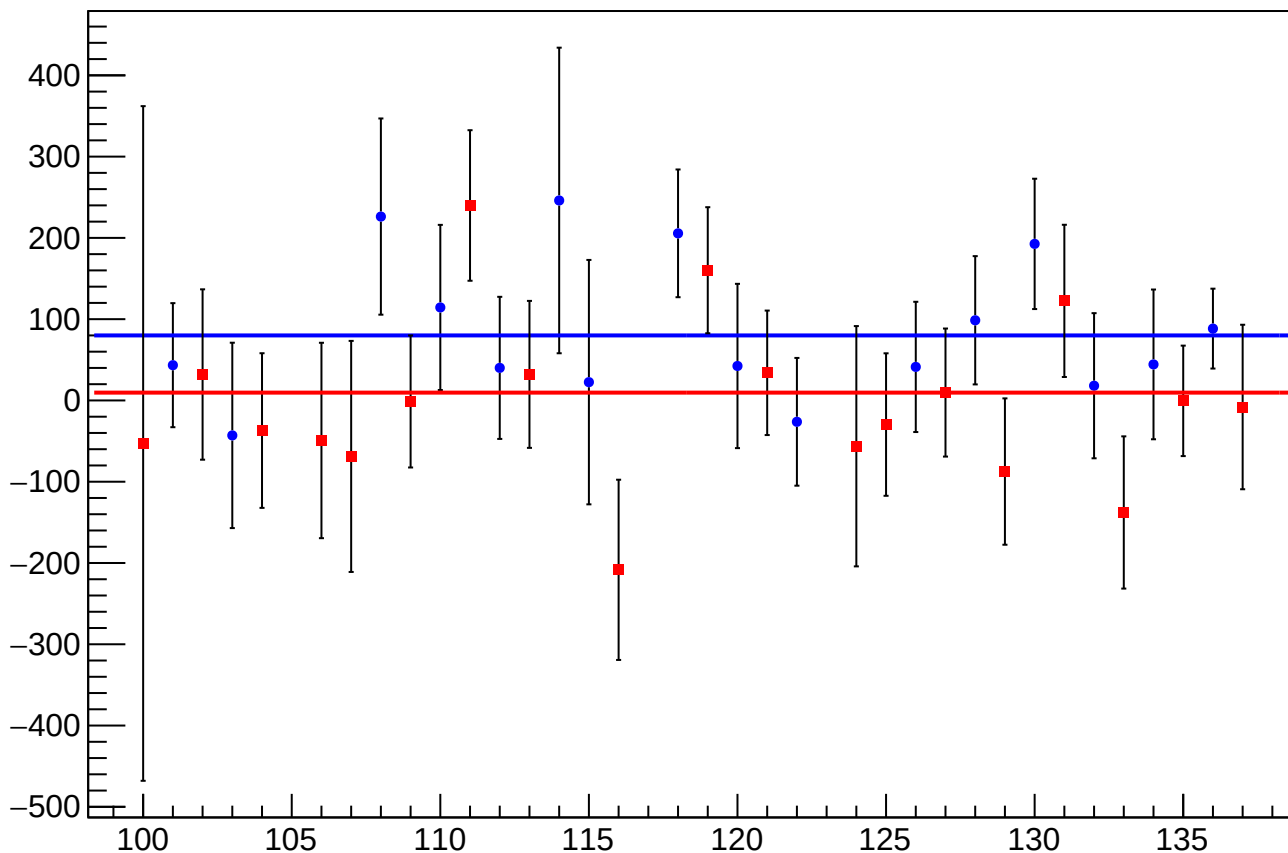
Right: 613.994+/-0.117 χ^2/NDF : 1582132.3/34

In: 629.096+/-0.171 χ^2/NDF : 692724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.994+/-0.117 χ^2/NDF : 1582132.3/34

cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 79.998 $\pm$ 21.474 χ^2 /NDF: 11.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.619 $\pm$ 21.631 χ^2 /NDF: 20.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

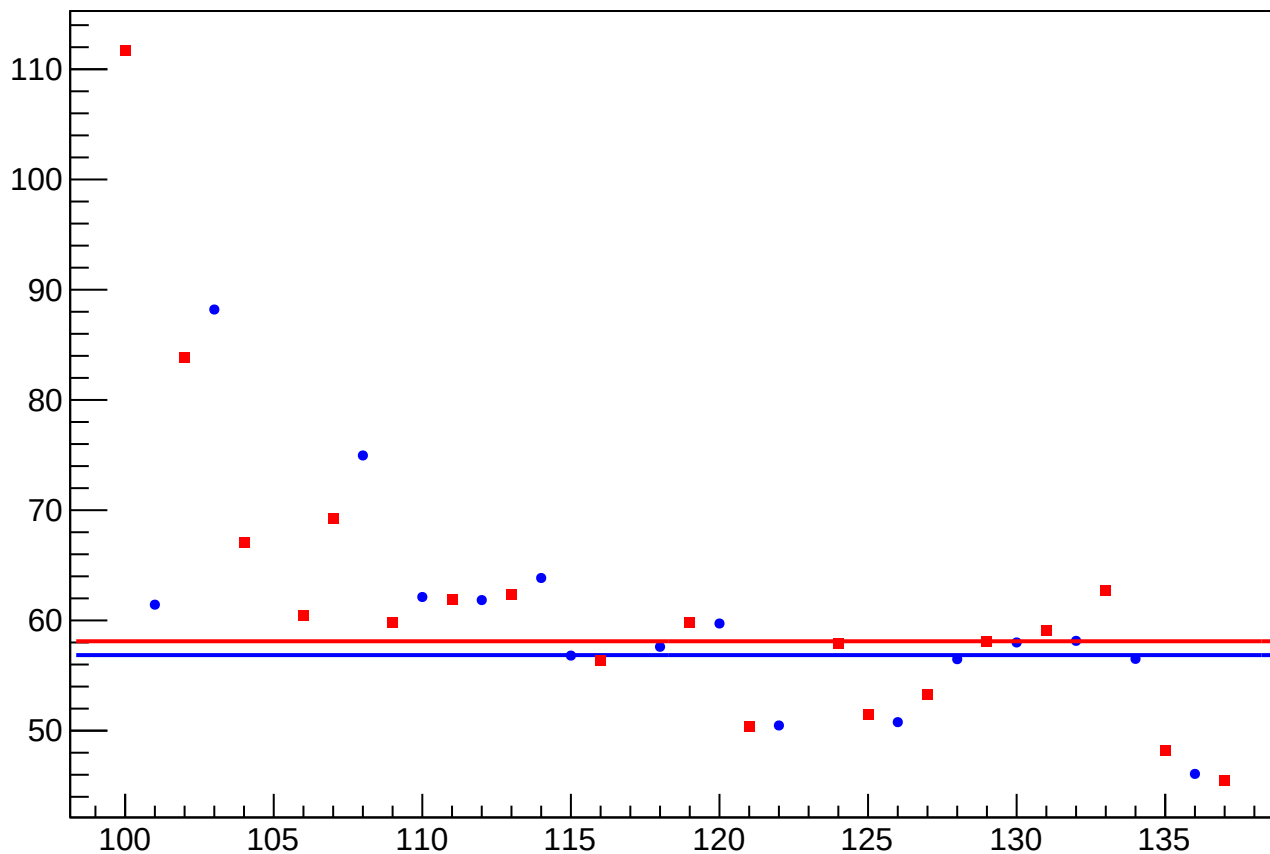
Right: 45.064 $\pm$ 15.240 χ^2 /NDF: 37.3/34

In: 79.998 $\pm$ 21.474 χ^2 /NDF:11.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.064 $\pm$ 15.240 χ^2 /NDF: 37.3/34

cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.111+/-0.015 χ^2/NDF : 312938.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

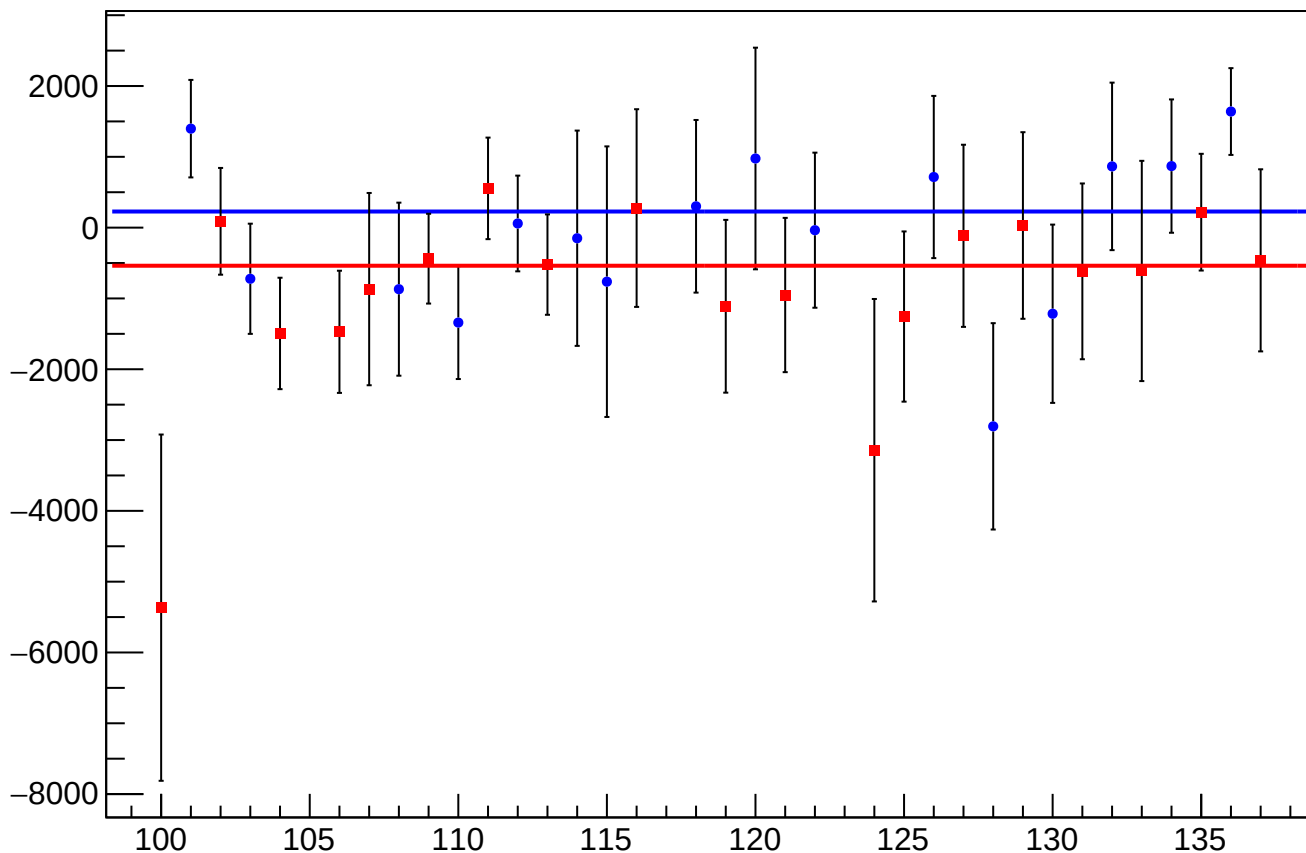
Right: 57.478+/-0.011 χ^2/NDF : 657942.0/34

In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.478+/-0.011 χ^2/NDF : 657942.0/34

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.547+/-241.227 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -538.117+/-228.754 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

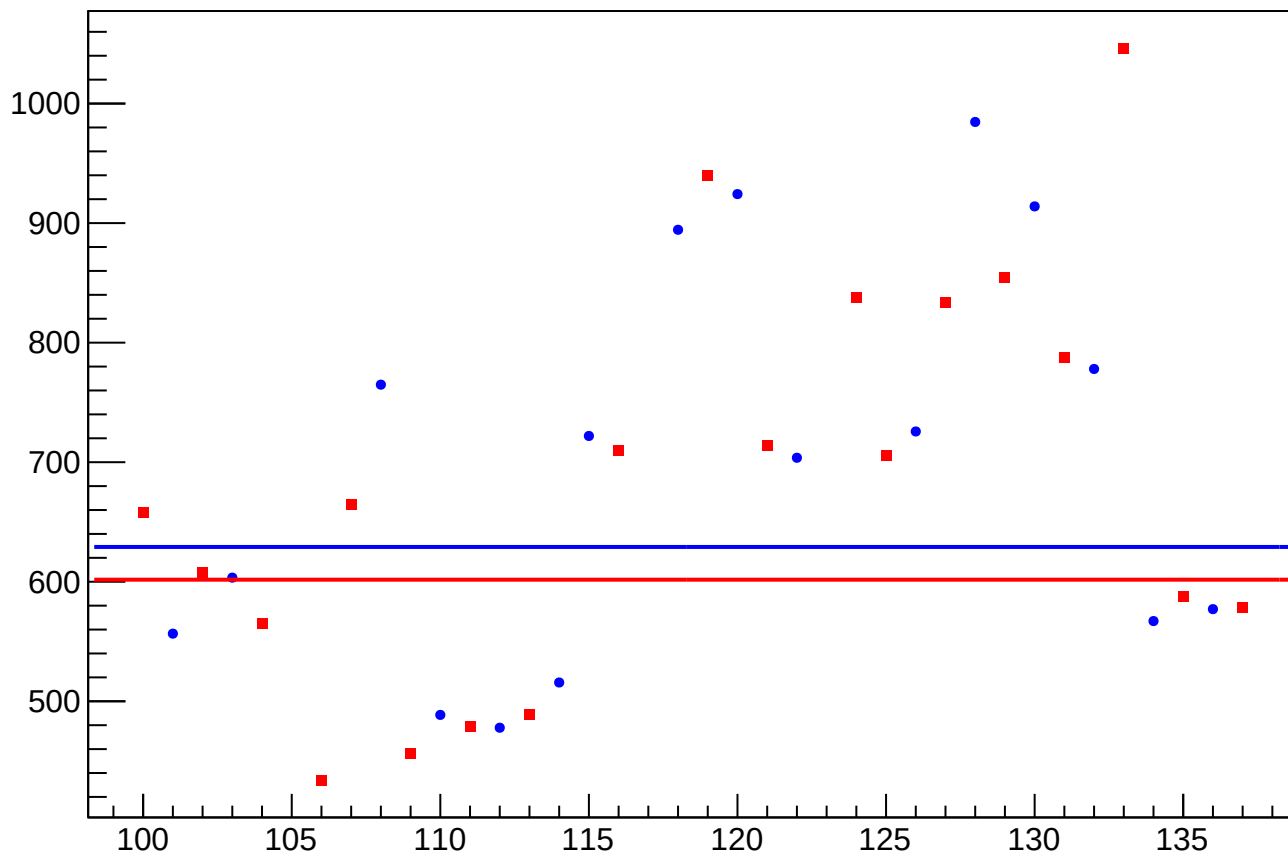
Right: -175.590+/-165.988 χ^2/NDF : 40.3/34

In: 227.547+/-241.227 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.590+/-165.988 χ^2/NDF : 40.3/34

asym_sam_15_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 629.101+/-0.171 χ^2/NDF : 692716.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 601.721+/-0.162 χ^2/NDF : 874042.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

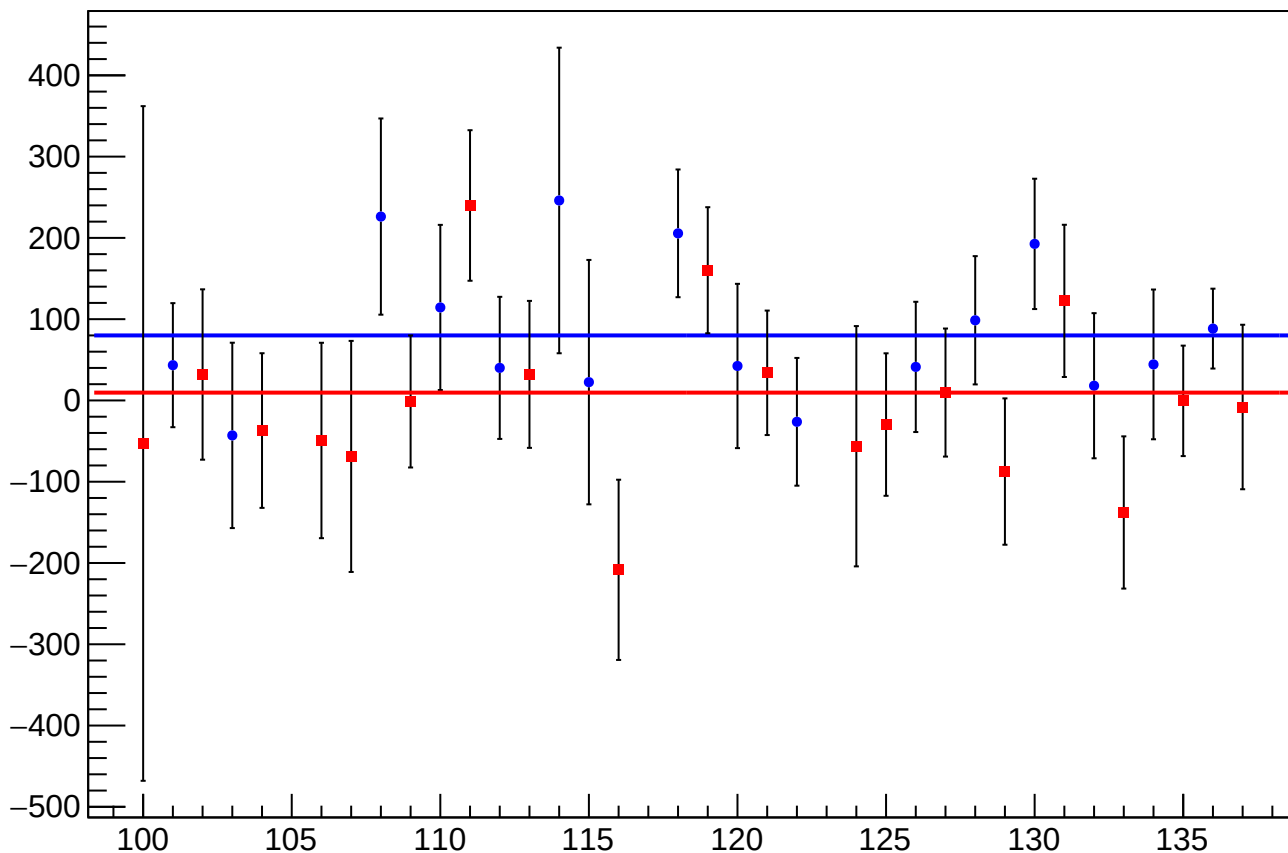
Right: 614.684+/-0.117 χ^2/NDF : 1580324.3/34

In: 629.101+/-0.171 χ^2/NDF :692716.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 614.684+/-0.117 χ^2/NDF : 1580324.3/34

eigen_cor_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 79.998 $\pm$ 21.474 χ^2 /NDF: 11.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 9.619 $\pm$ 21.631 χ^2 /NDF: 20.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

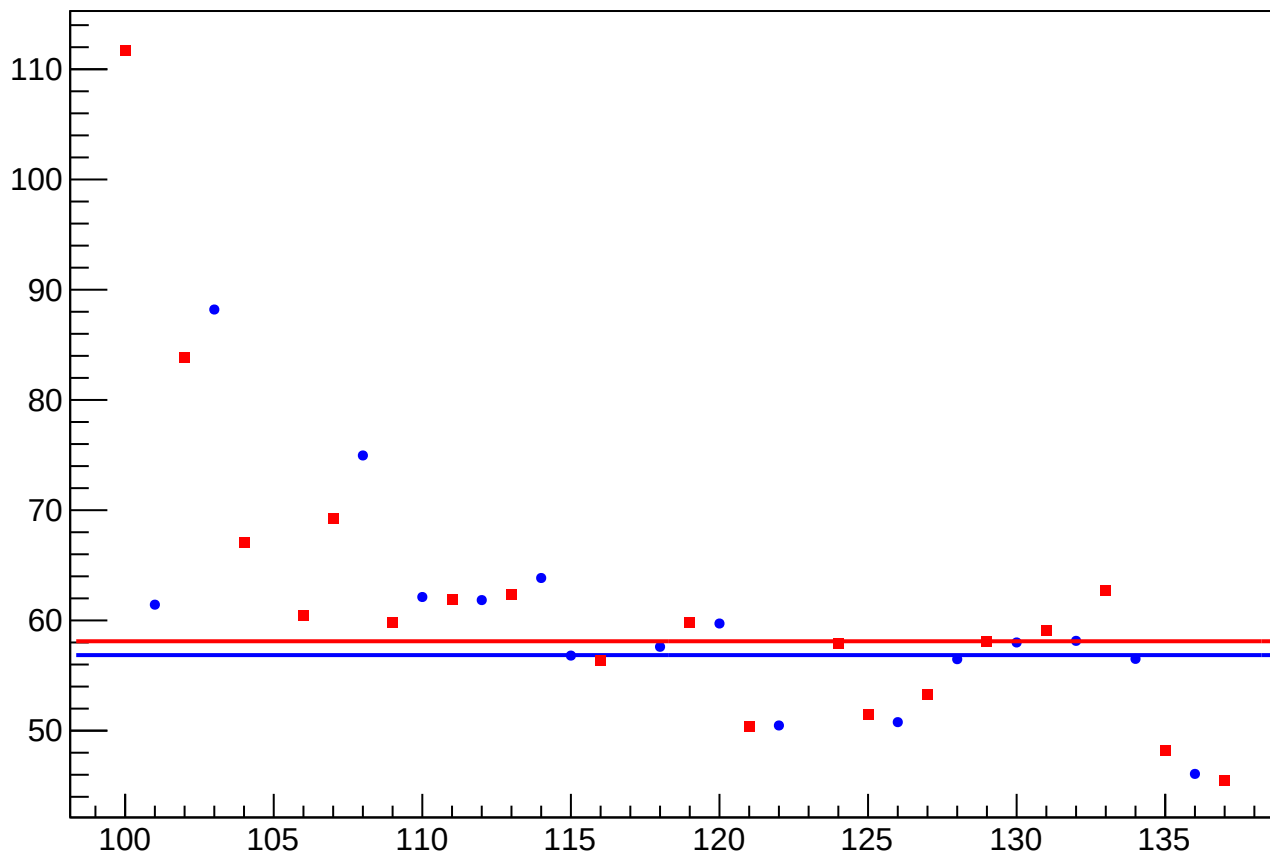
Right: 45.064 $\pm$ 15.240 χ^2 /NDF: 37.3/34

In: 79.998 $\pm$ 21.474 χ^2 /NDF:11.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.064 $\pm$ 15.240 χ^2 /NDF: 37.3/34

eigen_cor_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.111+/-0.015 χ^2/NDF : 312938.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

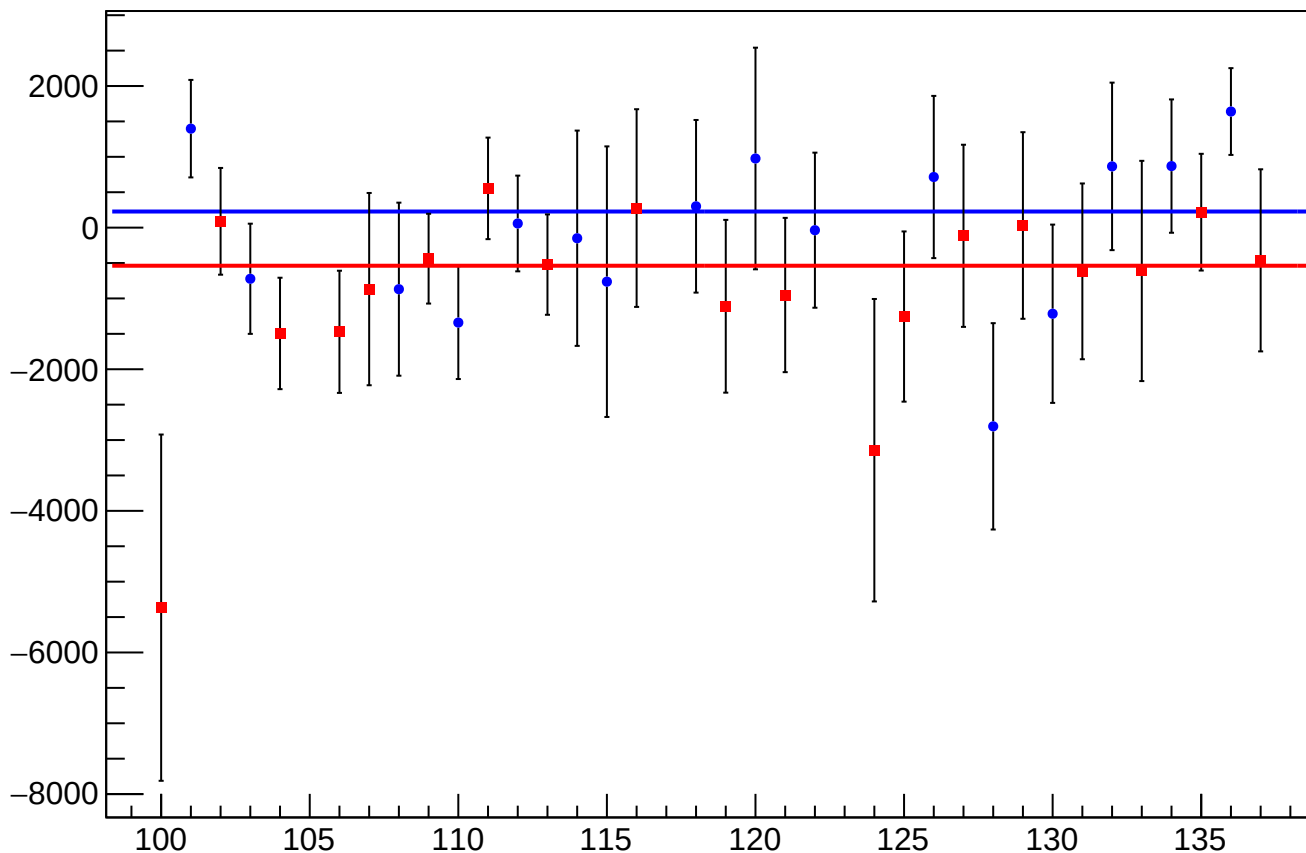
Right: 57.478+/-0.011 χ^2/NDF : 657942.0/34

In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.478+/-0.011 χ^2/NDF : 657942.0/34

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.547+/-241.227 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -538.117+/-228.754 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

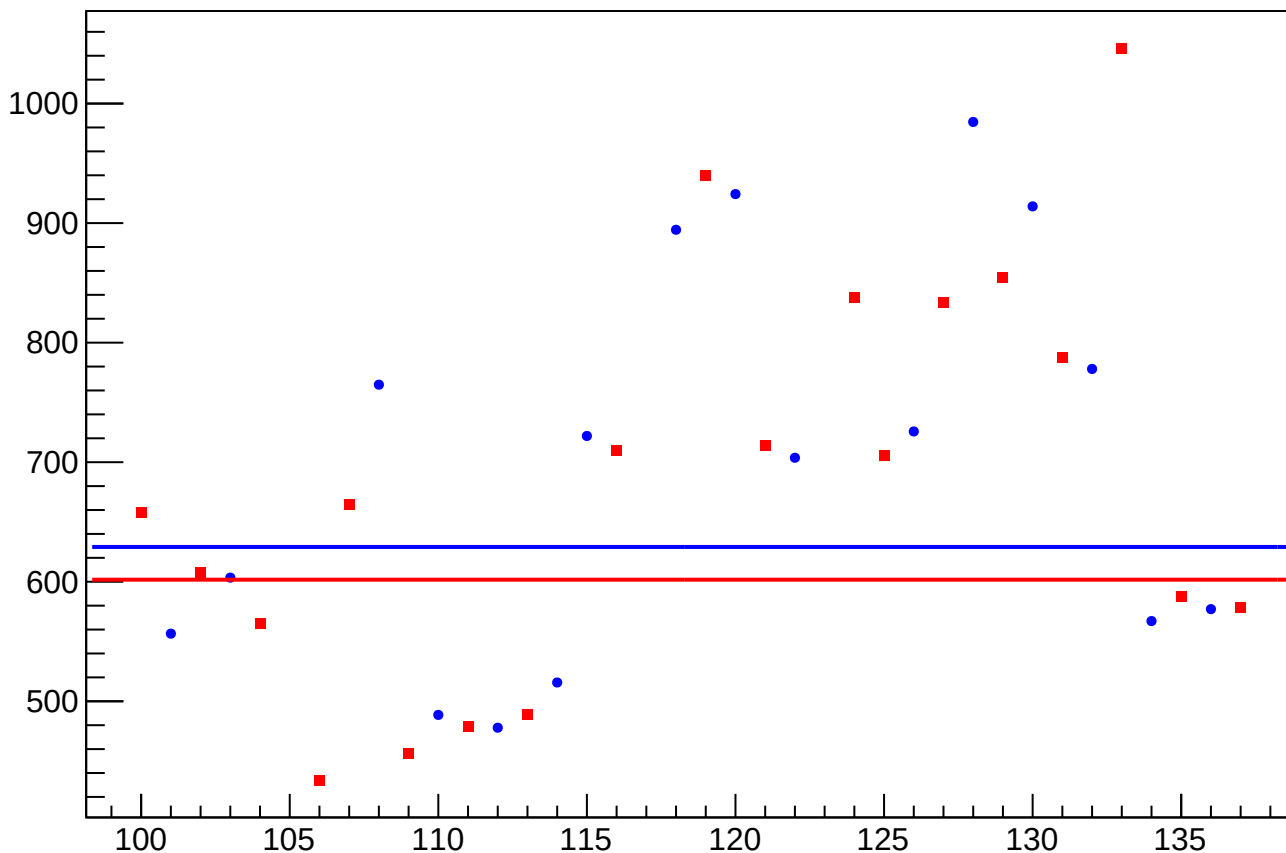
Right: -175.590+/-165.988 χ^2/NDF : 40.3/34

In: 227.547+/-241.227 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -175.590+/-165.988 χ^2/NDF : 40.3/34

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 629.101+/-0.171 χ^2/NDF : 692716.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.721+/-0.162 χ^2/NDF : 874042.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

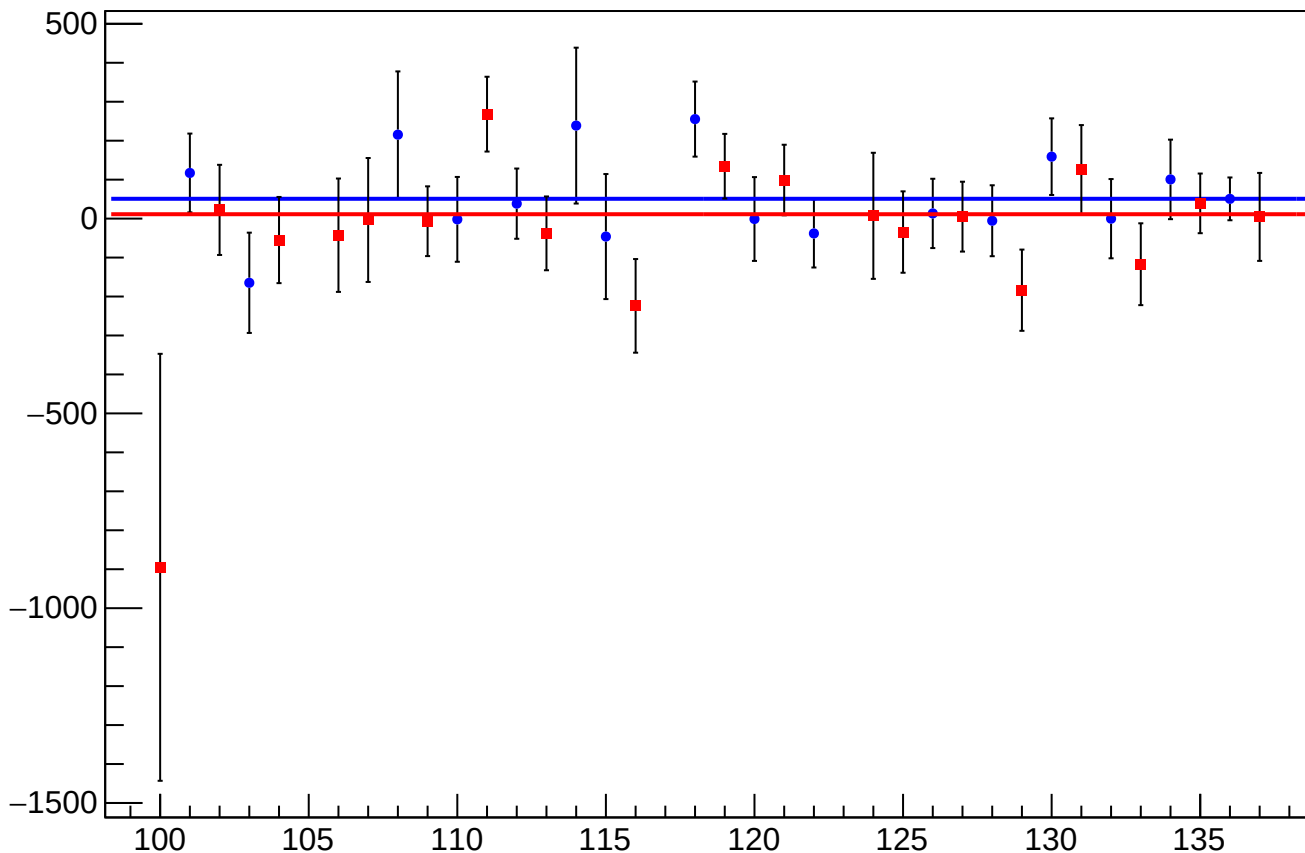
Right: 614.684+/-0.117 χ^2/NDF : 1580324.3/34

In: 629.101+/-0.171 χ^2/NDF : 692716.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.684+/-0.117 χ^2/NDF : 1580324.3/34

dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 50.861 $\pm$ 24.492 χ^2 /NDF: 13.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.261 $\pm$ 24.324 χ^2 /NDF: 24.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

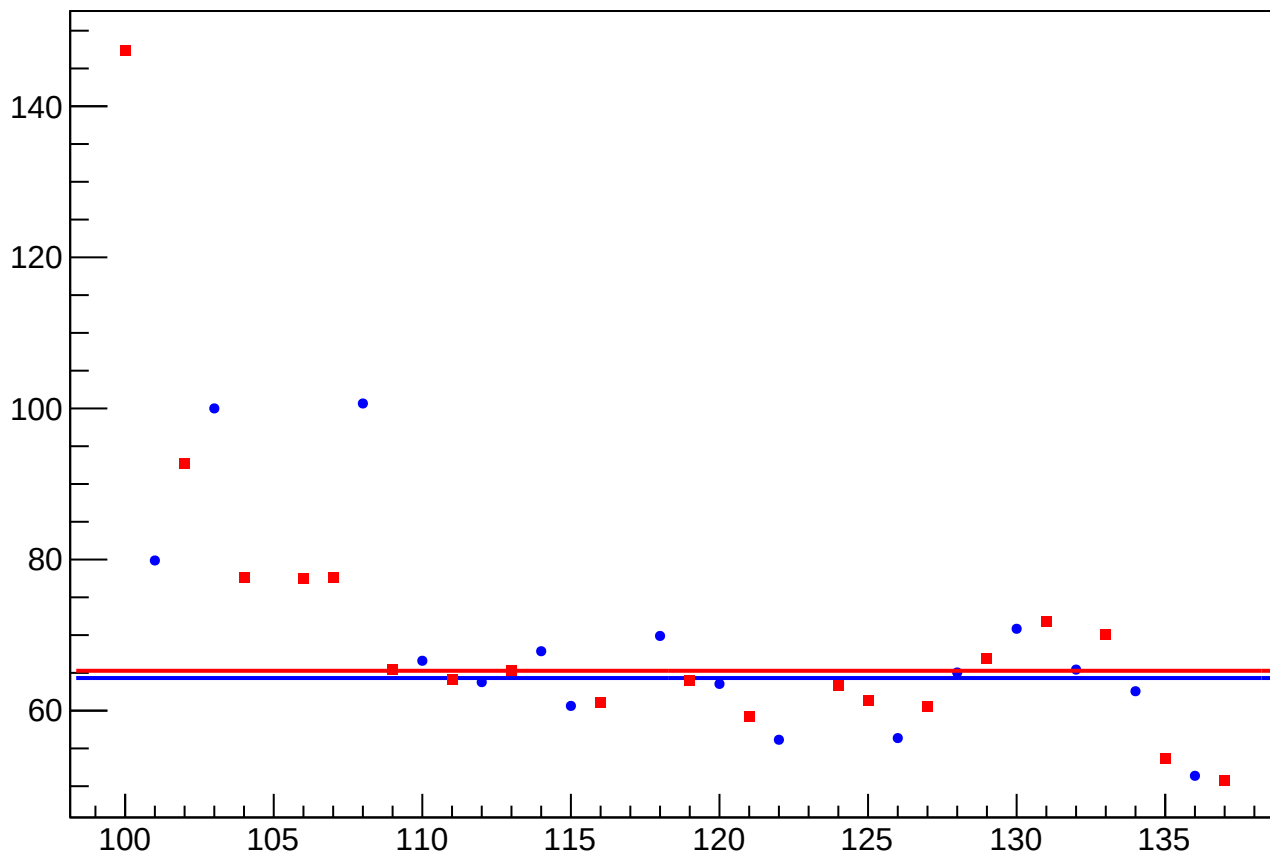
Right: 30.925 $\pm$ 17.259 χ^2 /NDF: 39.1/34

In: 50.861 $\pm$ 24.492 χ^2 /NDF:13.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.925 $\pm$ 17.259 χ^2 /NDF: 39.1/34

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.317 $\pm$ 0.017 χ^2 /NDF: 464952.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.277 $\pm$ 0.017 χ^2 /NDF: 319136.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

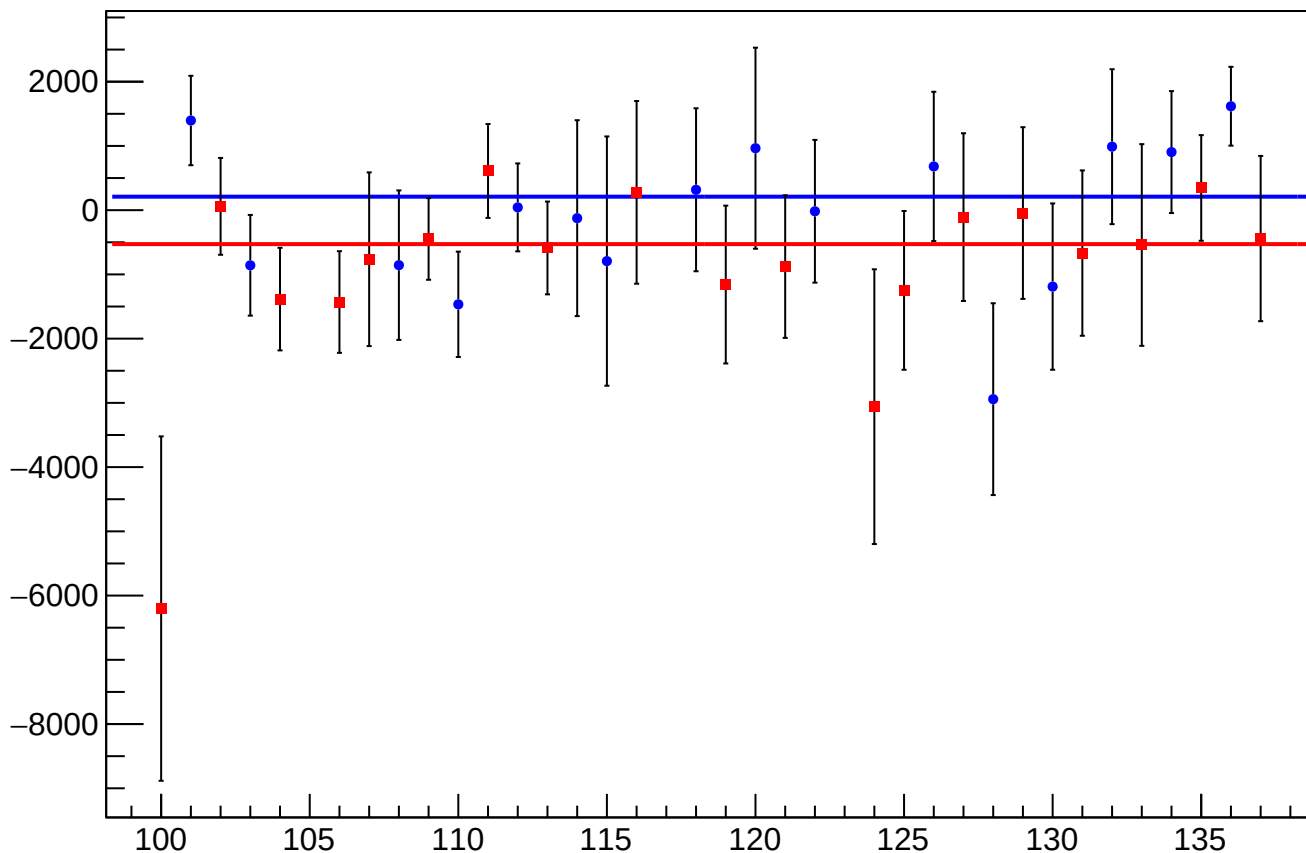
Right: 64.800 $\pm$ 0.012 χ^2 /NDF: 785637.7/34

In: 64.317 $\pm$ 0.017 χ^2 /NDF:464952.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 64.800 $\pm$ 0.012 χ^2 /NDF: 785637.7/34

asym_sam_15_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 210.018 $\pm$ 243.798 χ^2 /NDF: 22.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -528.675 $\pm$ 229.679 χ^2 /NDF: 13.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

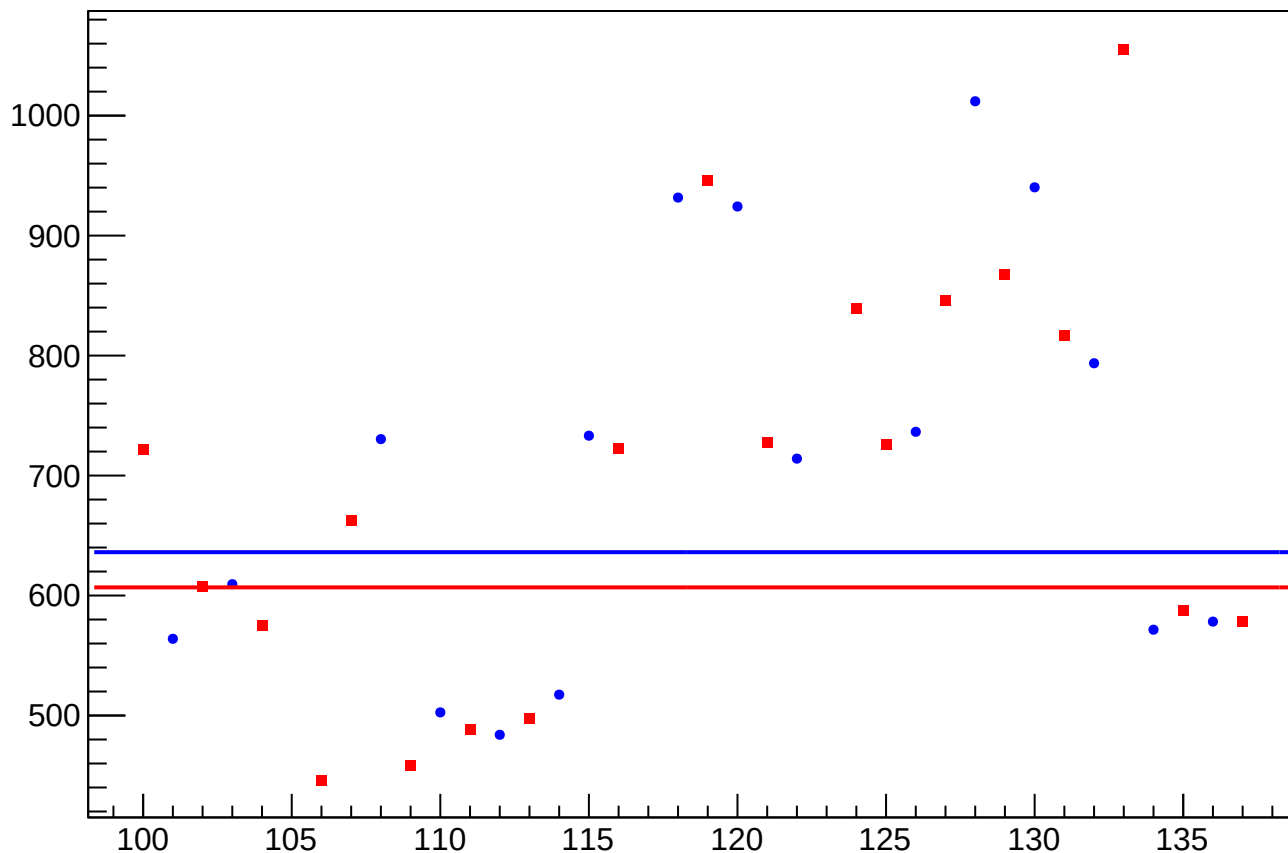
Right: -181.337 $\pm$ 167.176 χ^2 /NDF: 41.1/34

In: 210.018 $\pm$ 243.798 χ^2 /NDF:22.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -181.337 $\pm$ 167.176 χ^2 /NDF: 41.1/34

asym_sam_15_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 636.144+/-0.172 χ^2/NDF : 705237.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.803+/-0.162 χ^2/NDF : 893878.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

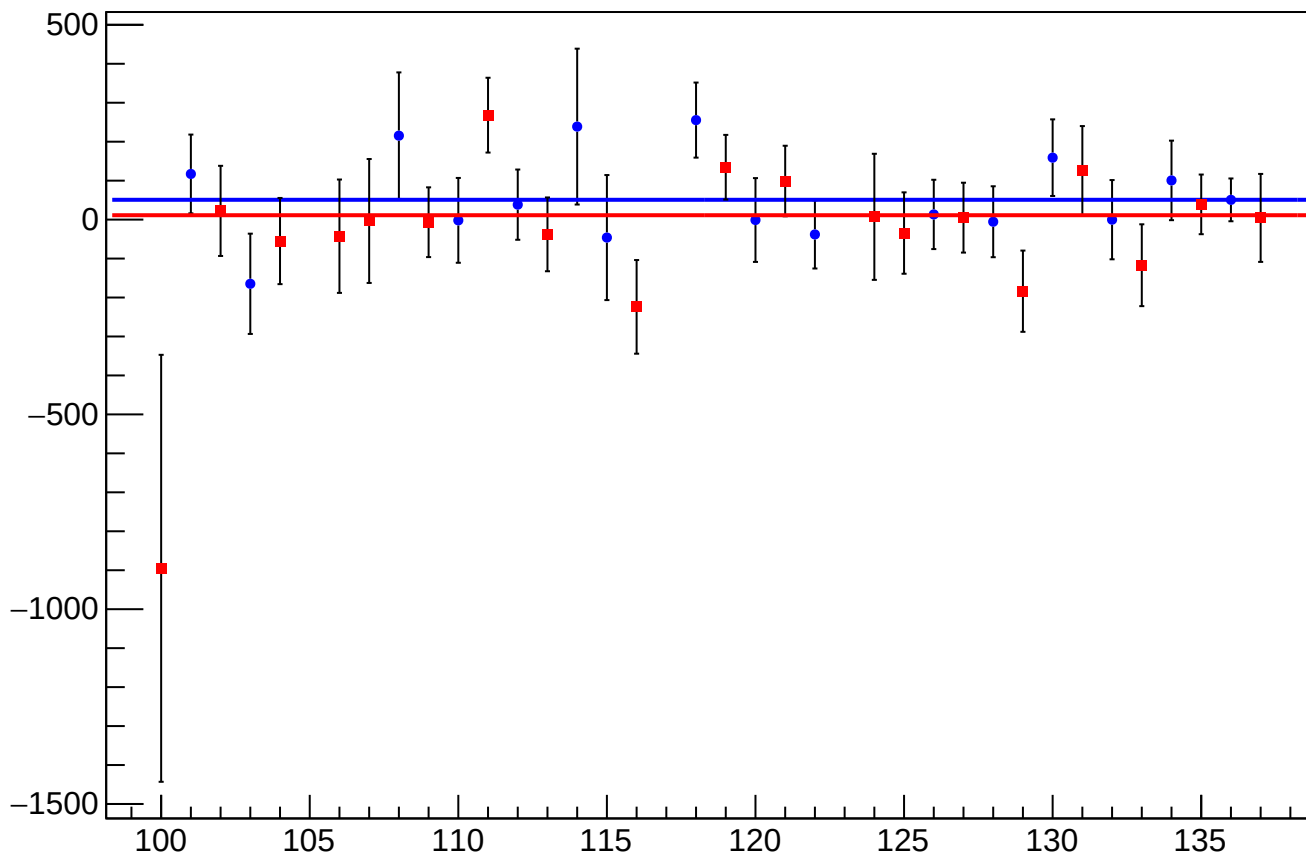
Right: 620.599+/-0.118 χ^2/NDF : 1614464.0/34

In: 636.144+/-0.172 χ^2/NDF : 705237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.599+/-0.118 χ^2/NDF : 1614464.0/34

eigen_dit_asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: 50.859+/-24.492 χ^2/NDF : 13.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.261+/-24.324 χ^2/NDF : 24.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

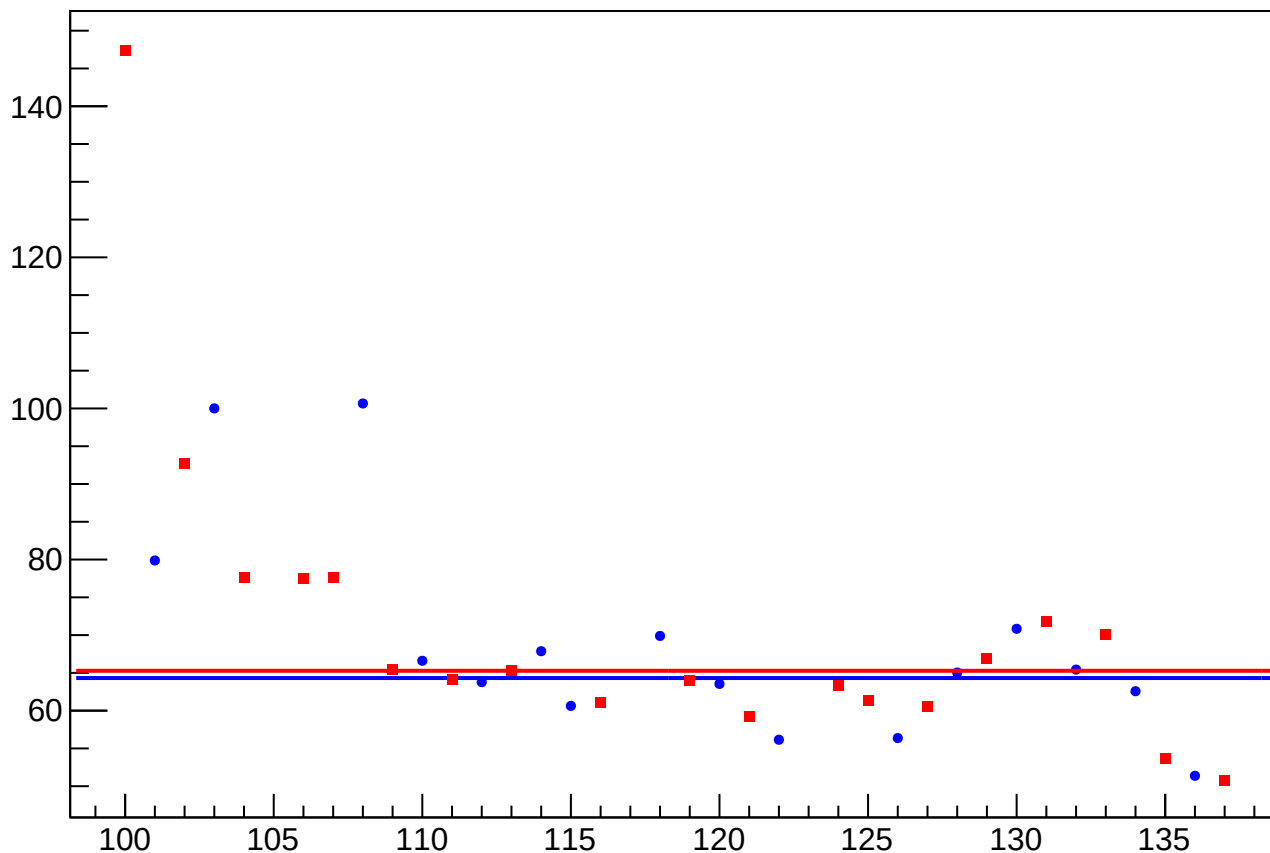
Right: 30.924+/-17.259 χ^2/NDF : 39.1/34

In: 50.859+/-24.492 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.924+/-17.259 χ^2/NDF : 39.1/34

eigen_dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.317+/-0.017 χ^2/NDF : 464950.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.277+/-0.017 χ^2/NDF : 319140.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

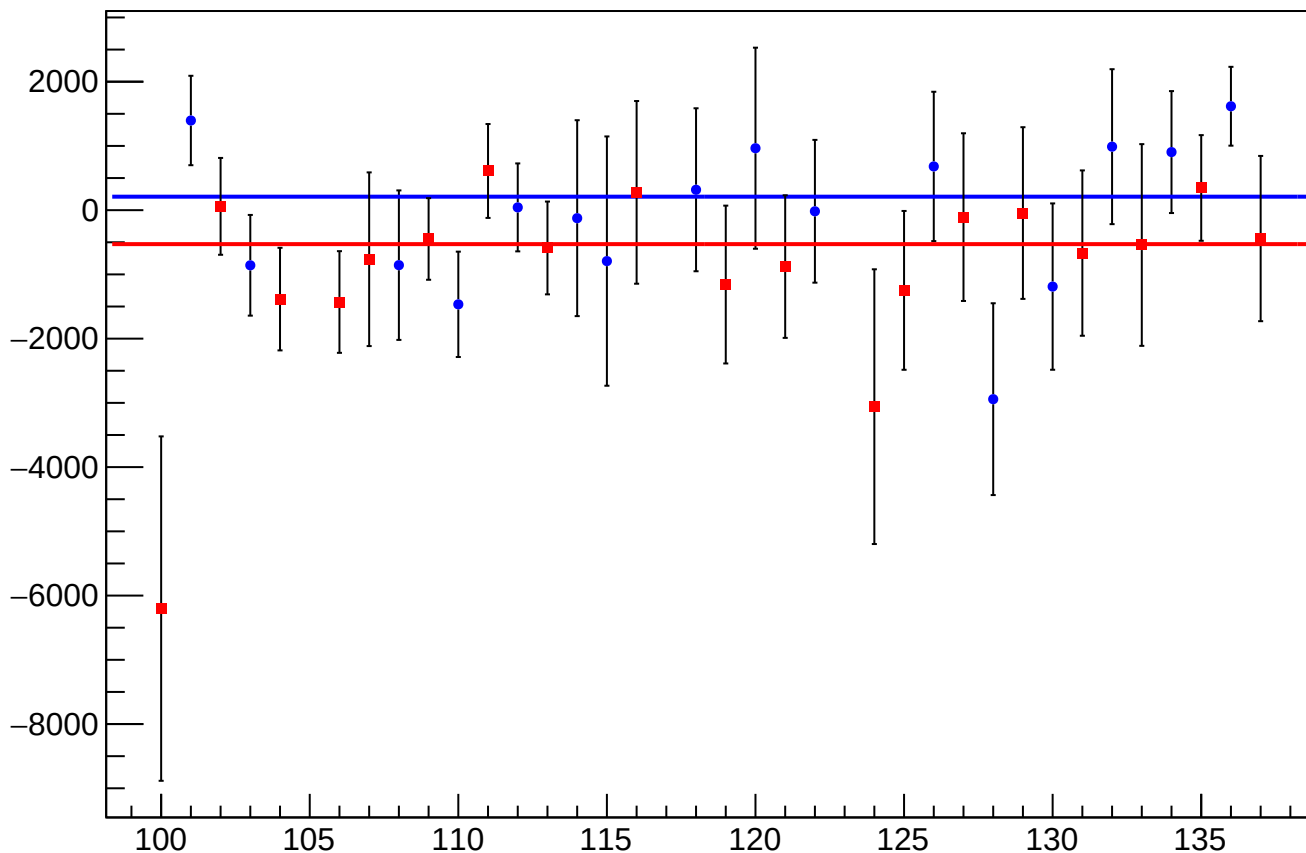
Right: 64.800+/-0.012 χ^2/NDF : 785639.3/34

In: 64.317+/-0.017 χ^2/NDF : 464950.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.800+/-0.012 χ^2/NDF : 785639.3/34

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 210.017 $\pm$ 243.798 χ^2 /NDF: 22.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -528.674 $\pm$ 229.678 χ^2 /NDF: 13.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

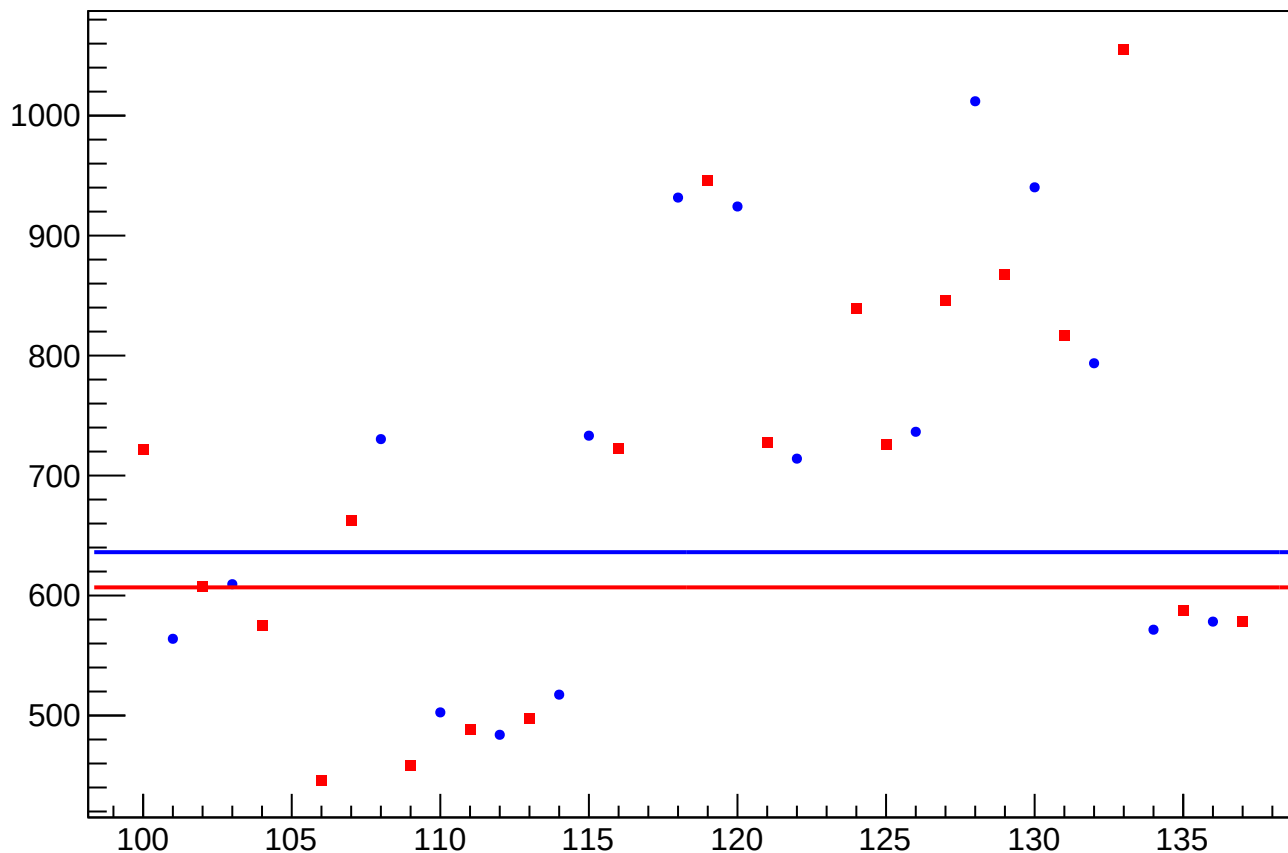
Right: -181.337 $\pm$ 167.176 χ^2 /NDF: 41.1/34

In: 210.017 $\pm$ 243.798 χ^2 /NDF:22.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -181.337 $\pm$ 167.176 χ^2 /NDF: 41.1/34

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 636.144+/-0.172 χ^2/NDF : 705241.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 606.802+/-0.162 χ^2/NDF : 893880.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

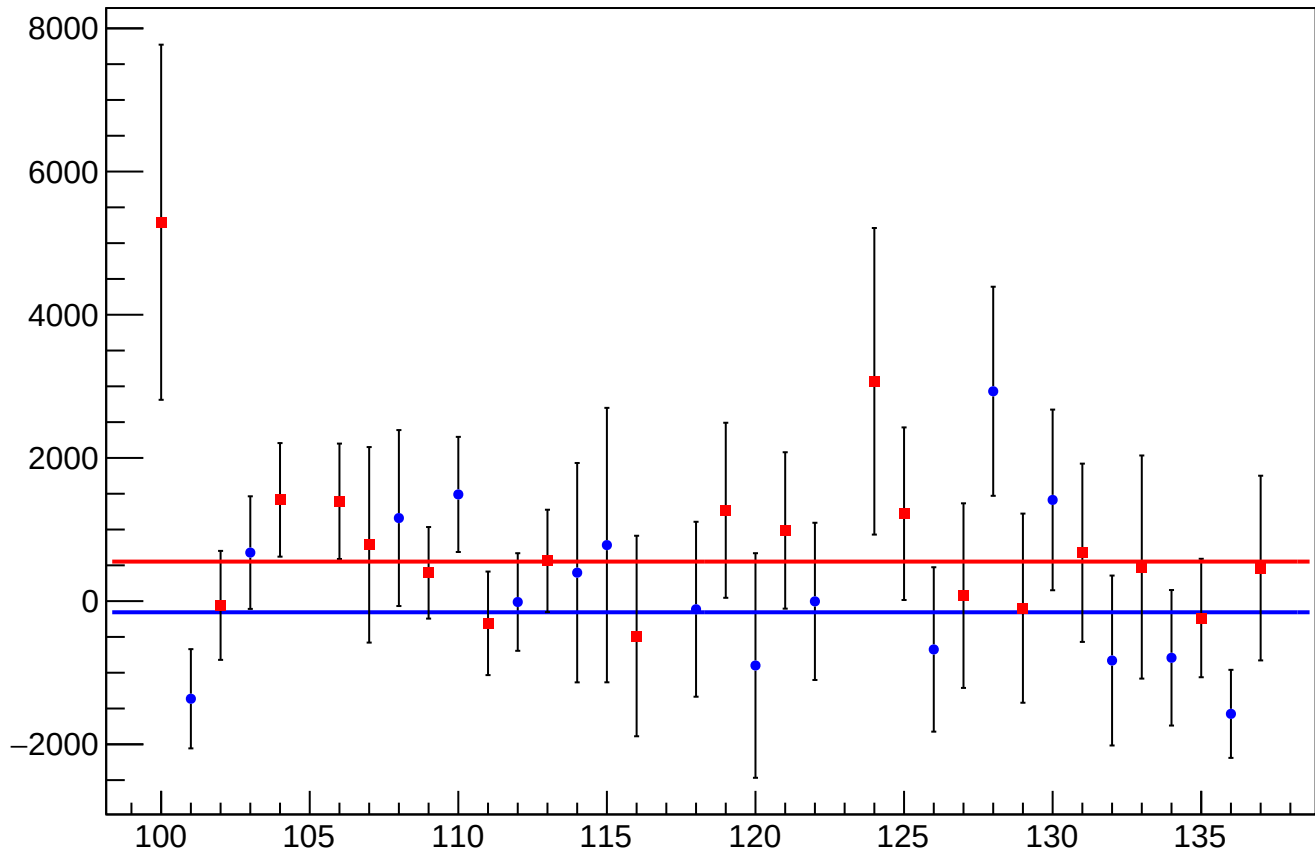
Right: 620.599+/-0.118 χ^2/NDF : 1614469.5/34

In: 636.144+/-0.172 χ^2/NDF : 705241.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.599+/-0.118 χ^2/NDF : 1614469.5/34

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -155.651 $\pm$ 242.595 χ^2 /NDF: 22.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 552.176 $\pm$ 228.890 χ^2 /NDF: 12.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

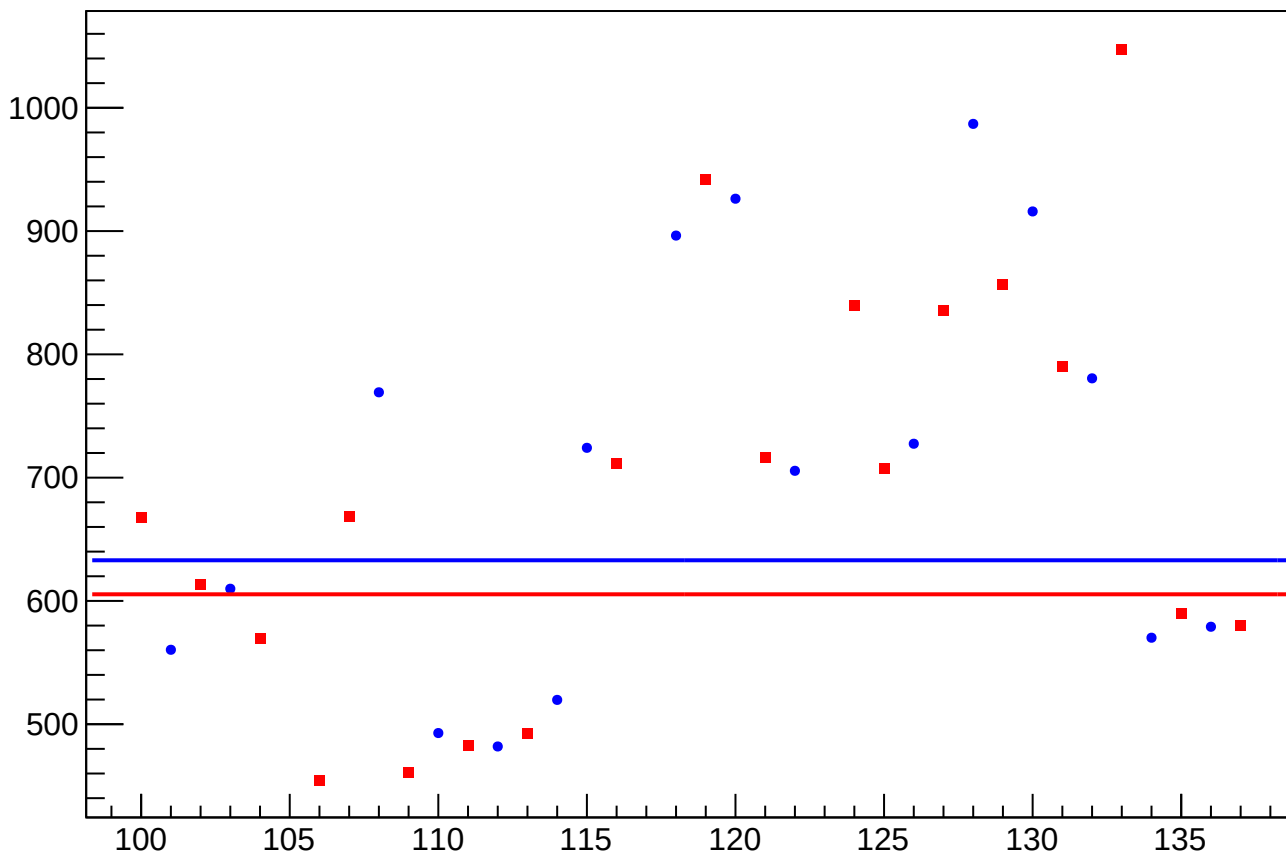
Right: 218.820 $\pm$ 166.484 χ^2 /NDF: 39.1/34

In: -155.651 $\pm$ 242.595 χ^2 /NDF:22.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 218.820 $\pm$ 166.484 χ^2 /NDF: 39.1/34

asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 632.966+/-0.172 χ^2/NDF : 681138.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.373+/-0.162 χ^2/NDF : 853994.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

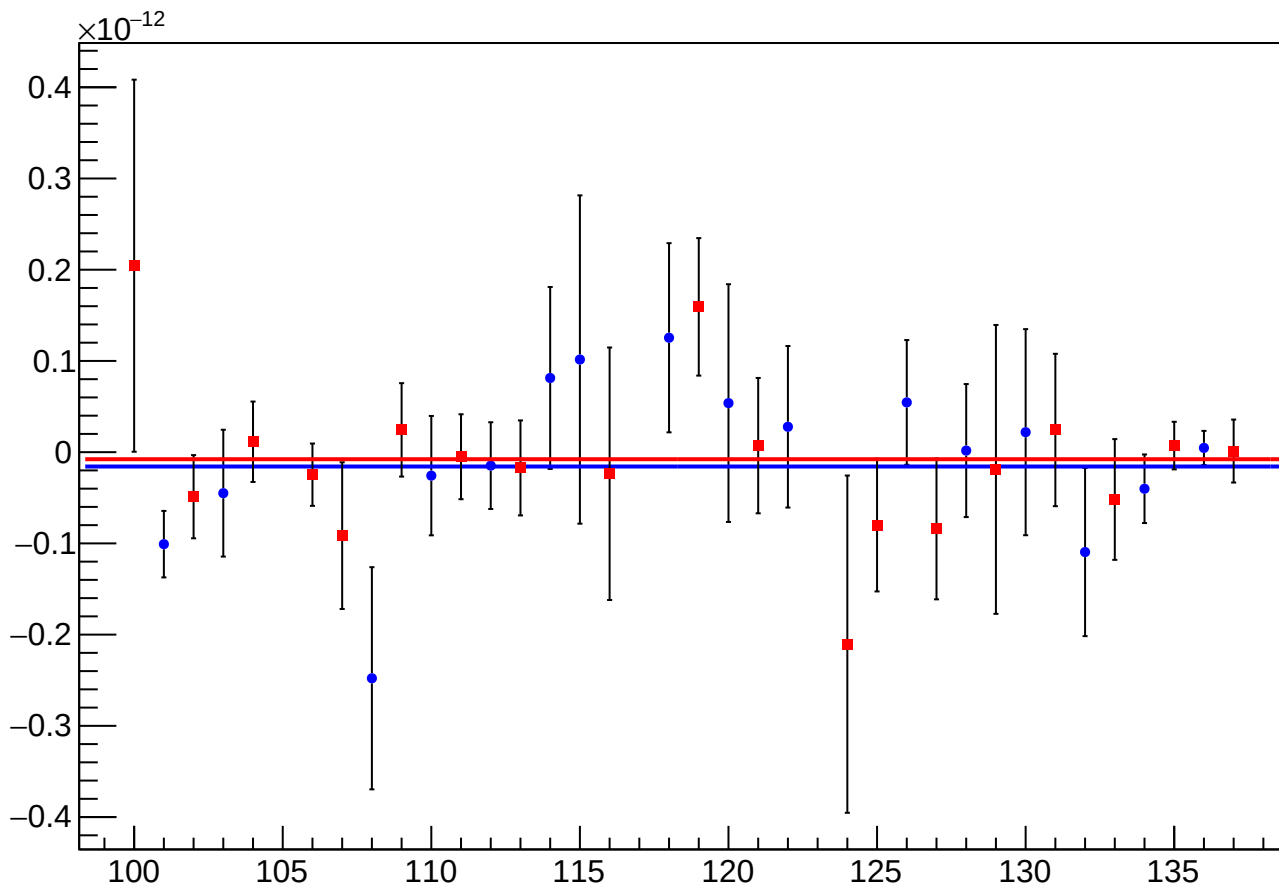
Right: 618.368+/-0.118 χ^2/NDF : 1548821.0/34

In: 632.966+/-0.172 χ^2/NDF : 681138.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.368+/-0.118 χ^2/NDF : 1548821.0/34

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

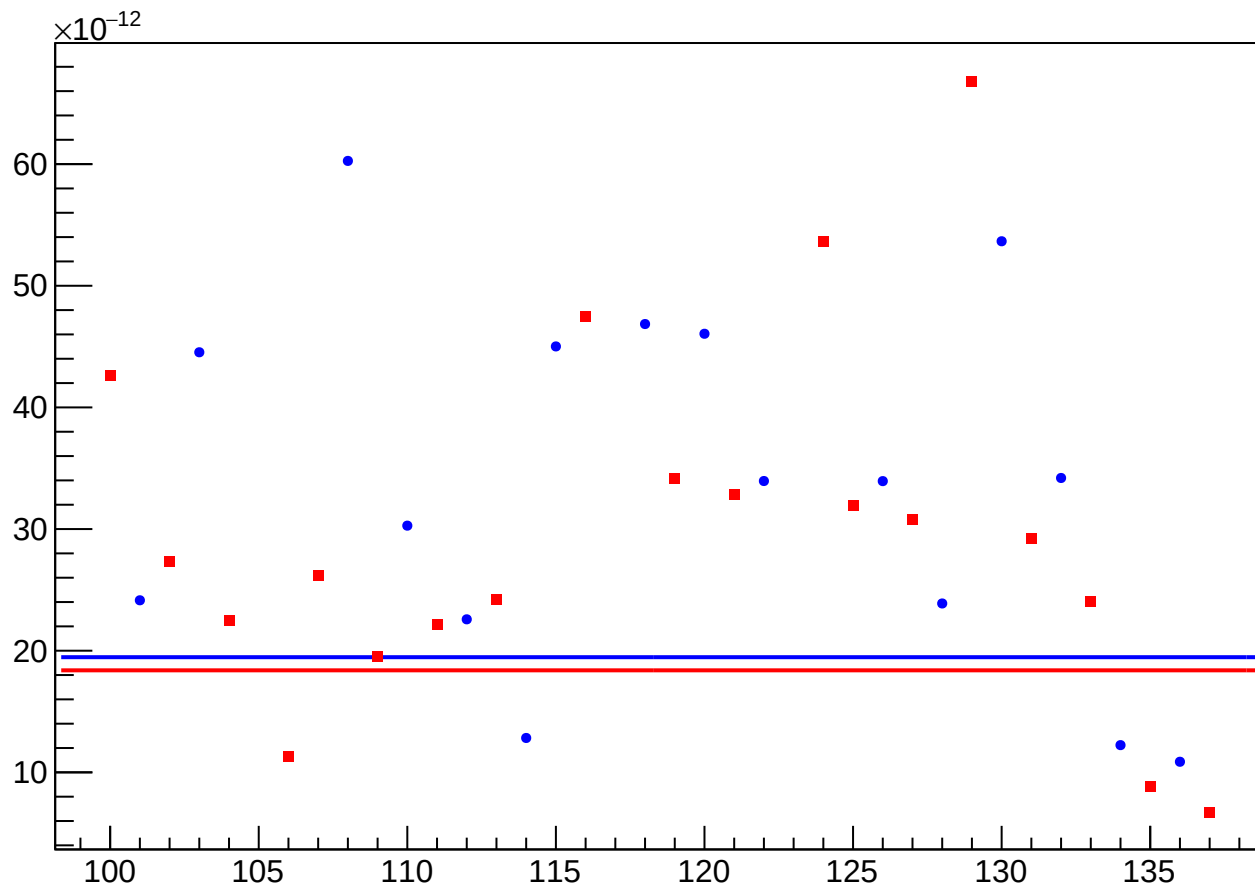
Right: -0.000+/-0.000 χ^2/NDF : 30.1/34

In: -0.000+/-0.000 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.1/34

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1735565.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1444777.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

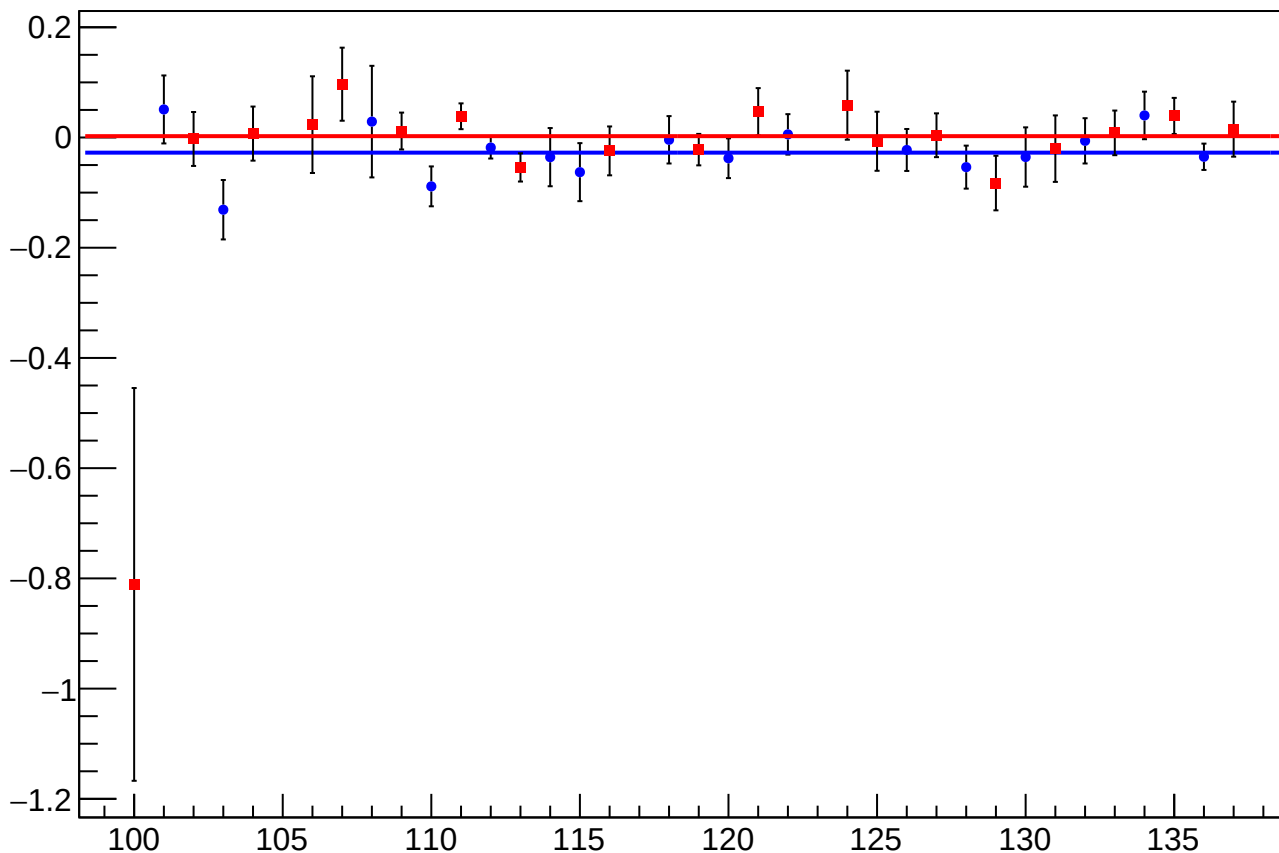
Right: 0.000+/-0.000 χ^2/NDF : 3187950.4/34

In: 0.000+/-0.000 χ^2/NDF : 1735565.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3187950.4/34

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 ± 0.009 $\chi^2/\text{NDF}: 13.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.002 ± 0.009 $\chi^2/\text{NDF}: 22.1/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

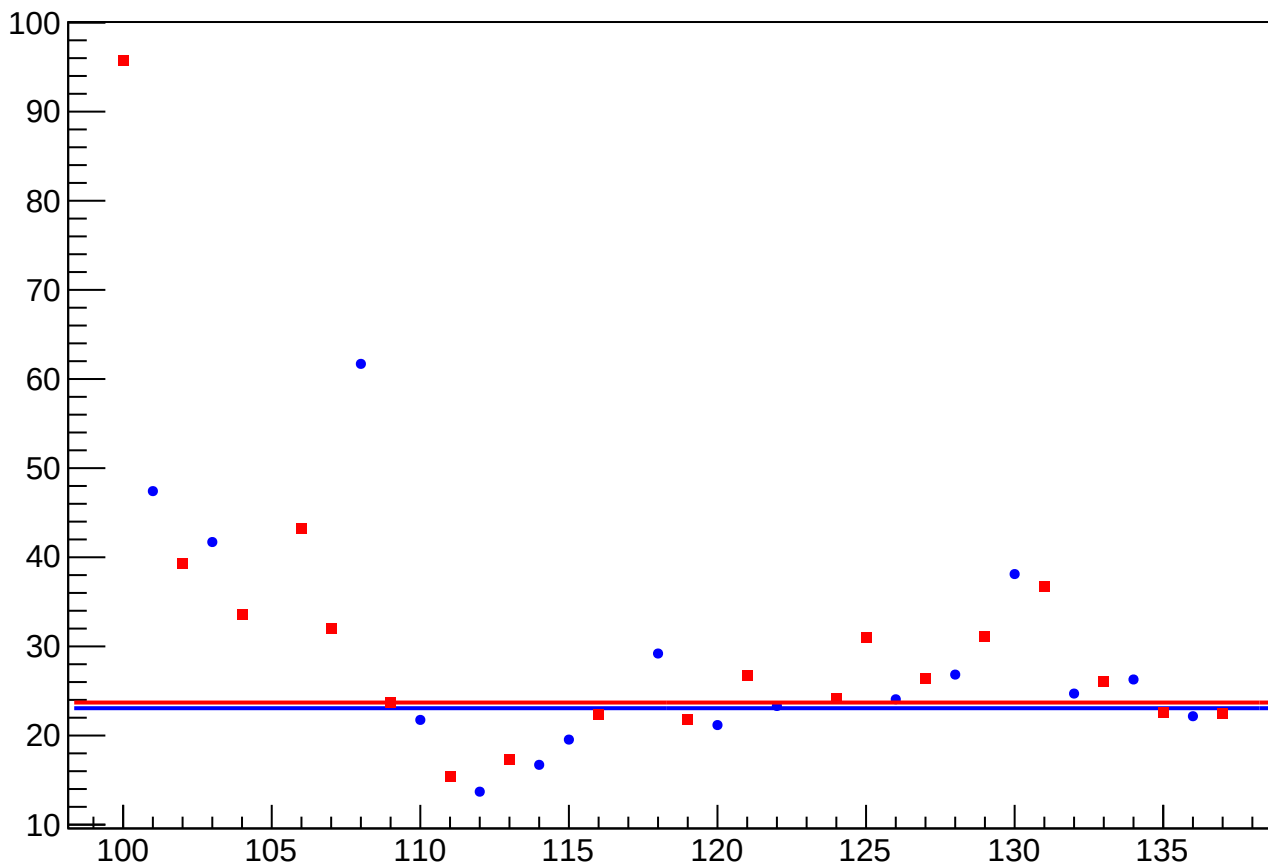
Right: -0.012 ± 0.007 $\chi^2/\text{NDF}: 40.9/34$

In: -0.027 ± 0.009 $\chi^2/\text{NDF}: 13.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.012 ± 0.007 $\chi^2/\text{NDF}: 40.9/34$

asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.066 $\pm$ 0.007 χ^2 /NDF: 1564478.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.702 $\pm$ 0.007 χ^2 /NDF: 1088494.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

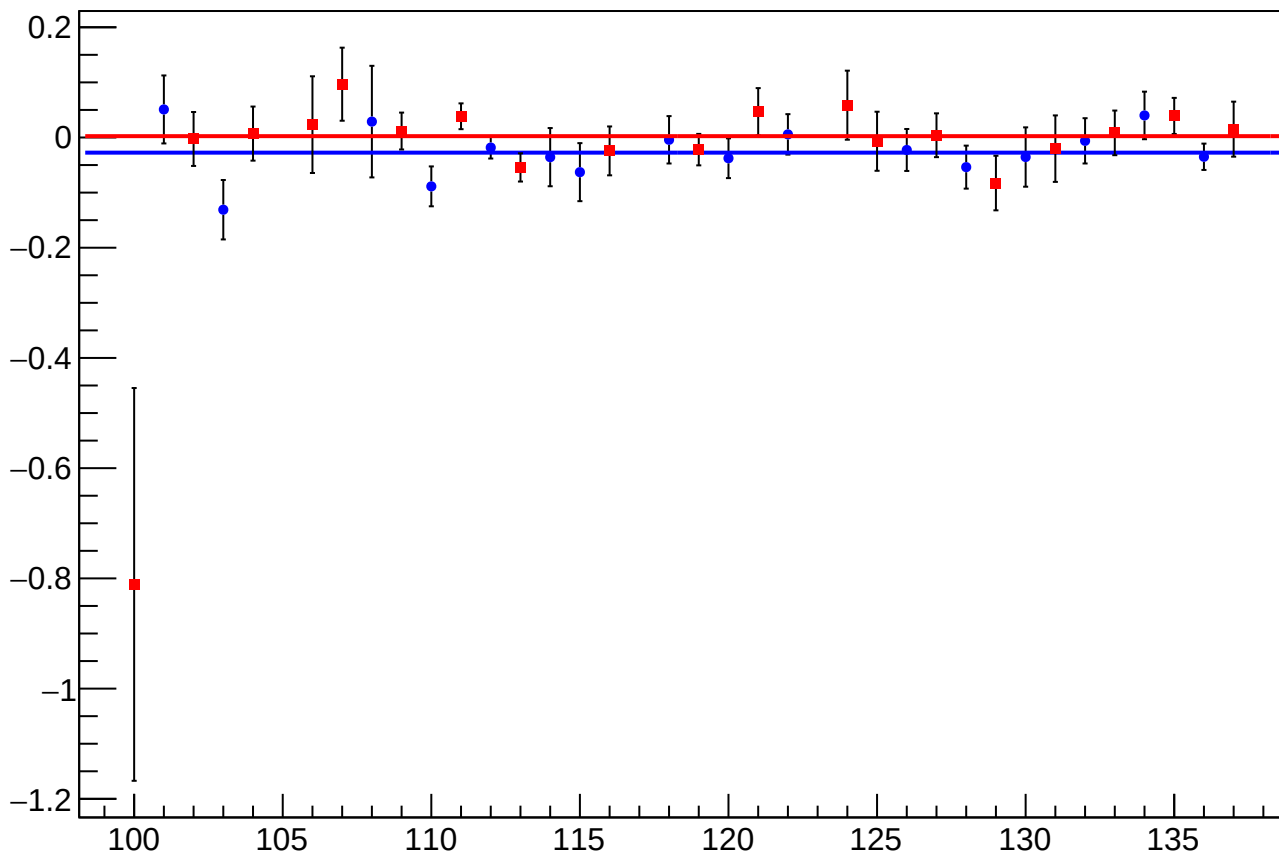
Right: 23.387 $\pm$ 0.005 χ^2 /NDF: 2657617.1/34

In: 23.066 $\pm$ 0.007 χ^2 /NDF:1564478.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 23.387 $\pm$ 0.005 χ^2 /NDF: 2657617.1/34

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.009 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

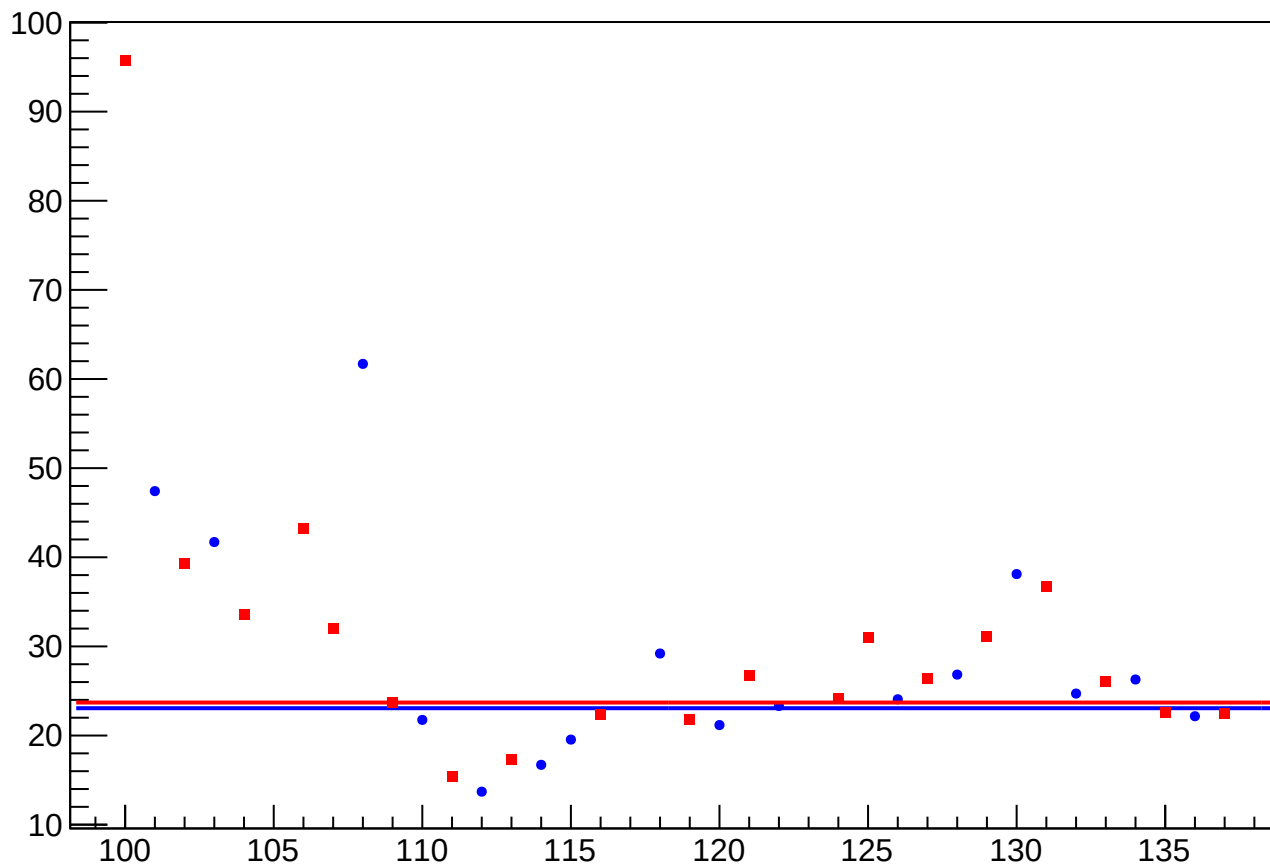
Right: -0.012 $\pm$ 0.007 χ^2 /NDF: 40.9/34

In: -0.027 $\pm$ 0.009 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.007 χ^2 /NDF: 40.9/34

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.066+/-0.007 χ^2/NDF : 1564478.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.702+/-0.007 χ^2/NDF : 1088494.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

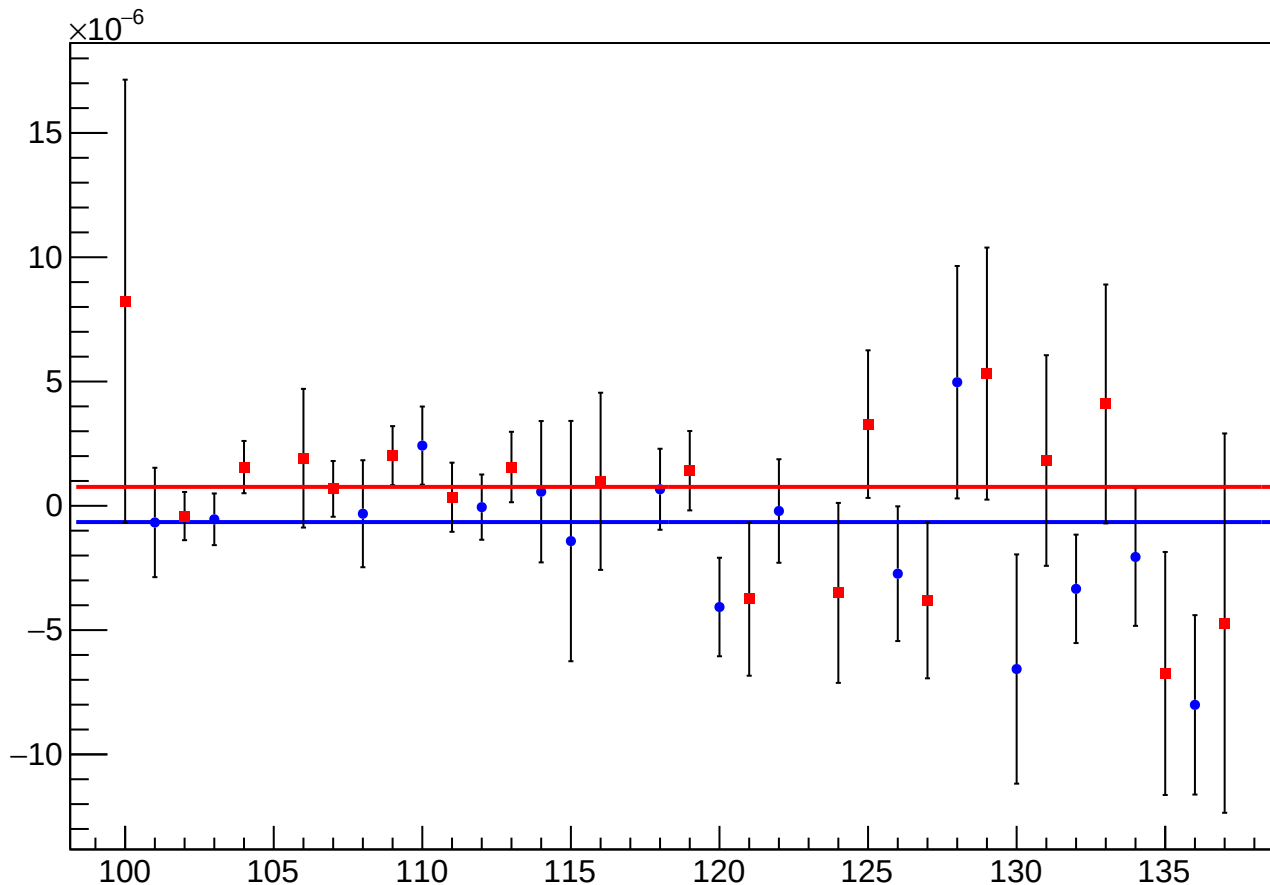
Right: 23.387+/-0.005 χ^2/NDF : 2657617.1/34

In: 23.066+/-0.007 χ^2/NDF : 1564478.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.387+/-0.005 χ^2/NDF : 2657617.1/34

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 17.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

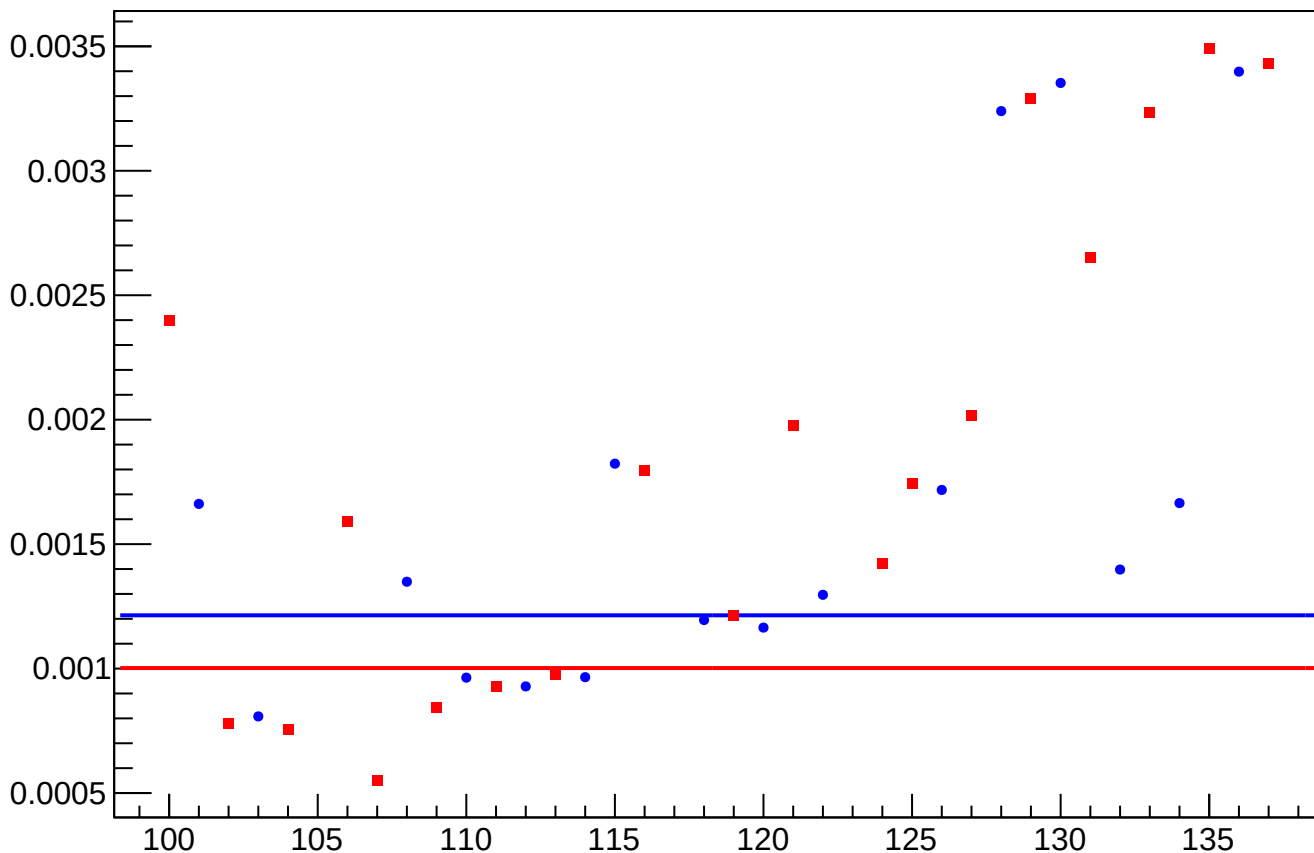
Right: 0.000+/-0.000 χ^2/NDF : 37.5/34

In: -0.000+/-0.000 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.5/34

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 2267402.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3277225.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

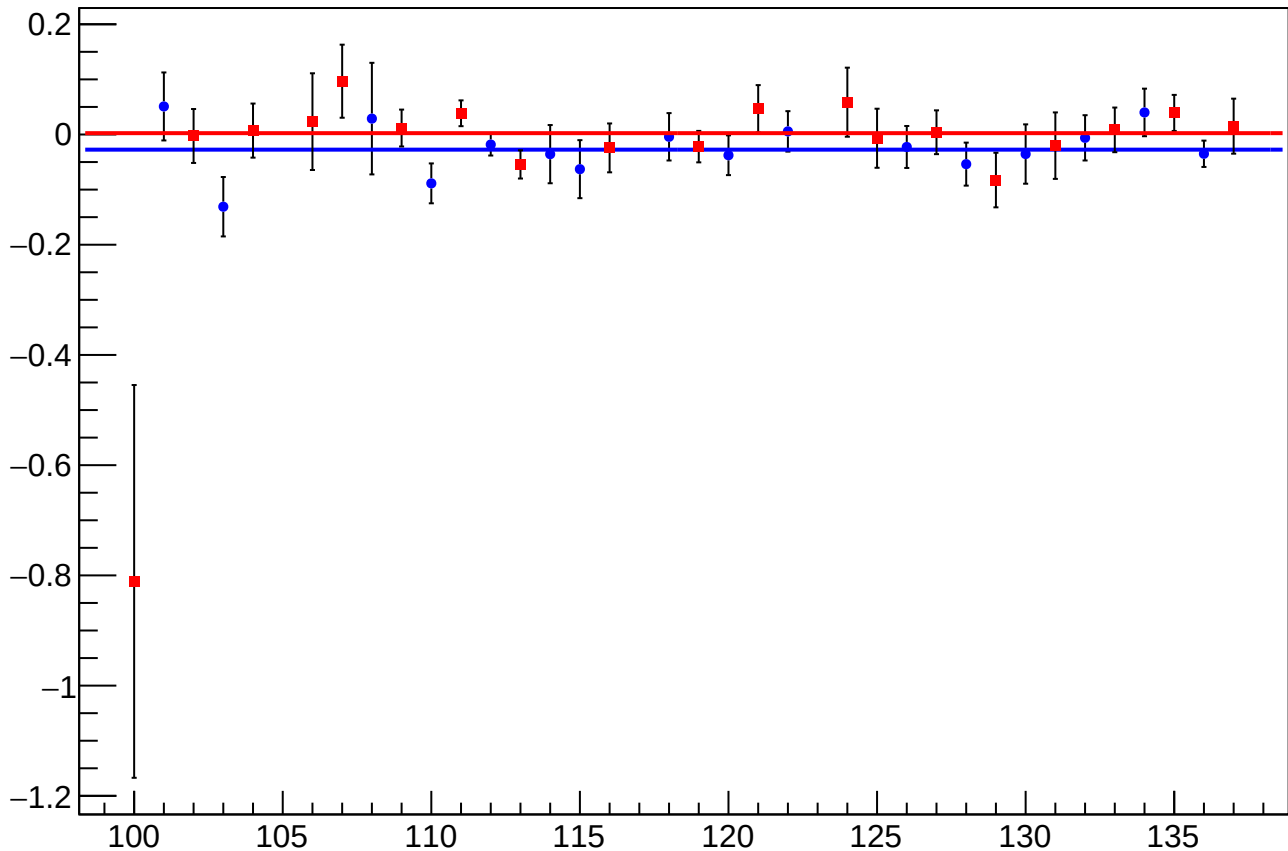
Right: 0.001+/-0.000 χ^2/NDF : 5755876.1/34

In: 0.001+/-0.000 χ^2/NDF : 2267402.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5755876.1/34

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027 $\pm$ 0.009 χ^2 /NDF: 13.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.009 χ^2 /NDF: 22.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

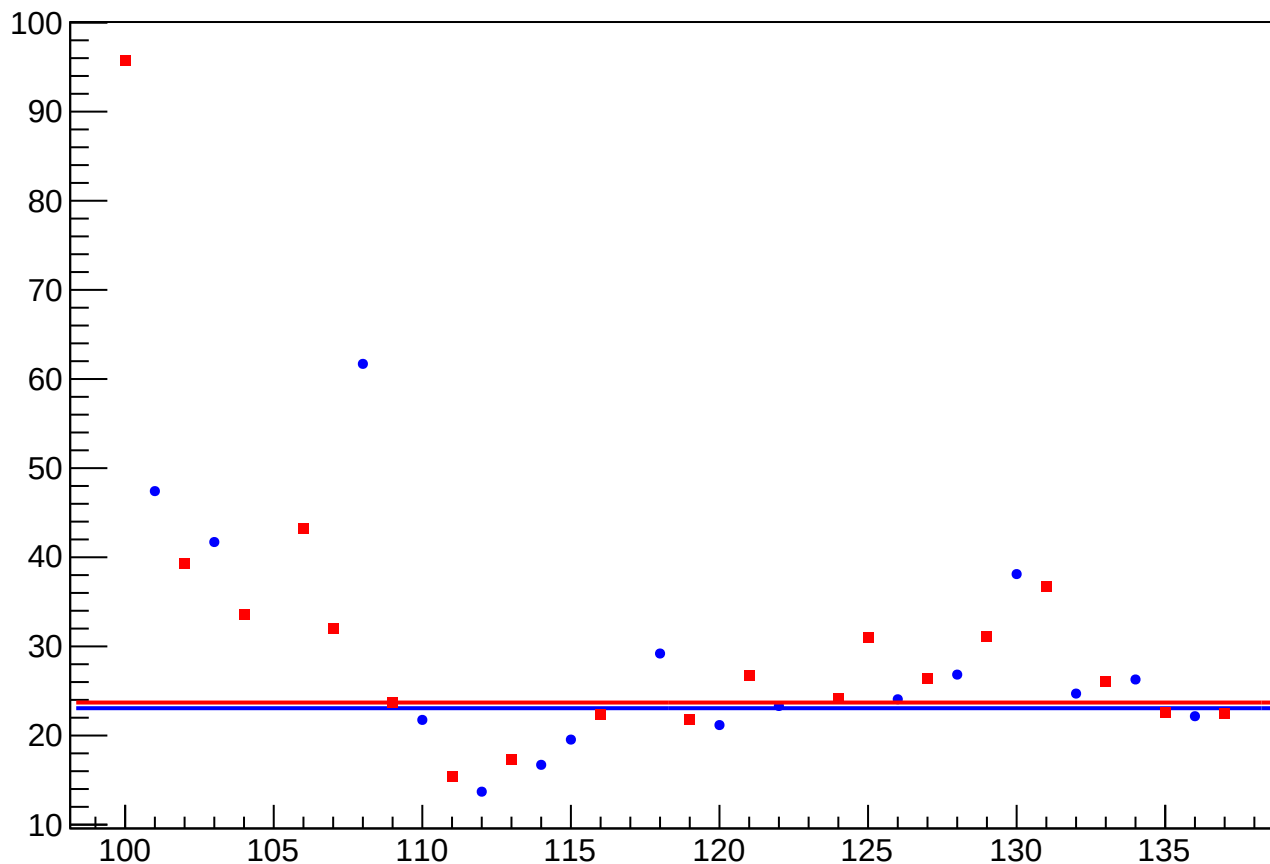
Right: -0.012 $\pm$ 0.007 χ^2 /NDF: 40.9/34

In: -0.027 $\pm$ 0.009 χ^2 /NDF:13.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.012 $\pm$ 0.007 χ^2 /NDF: 40.9/34

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.065+/-0.007 χ^2/NDF : 1564493.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.702+/-0.007 χ^2/NDF : 1088531.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

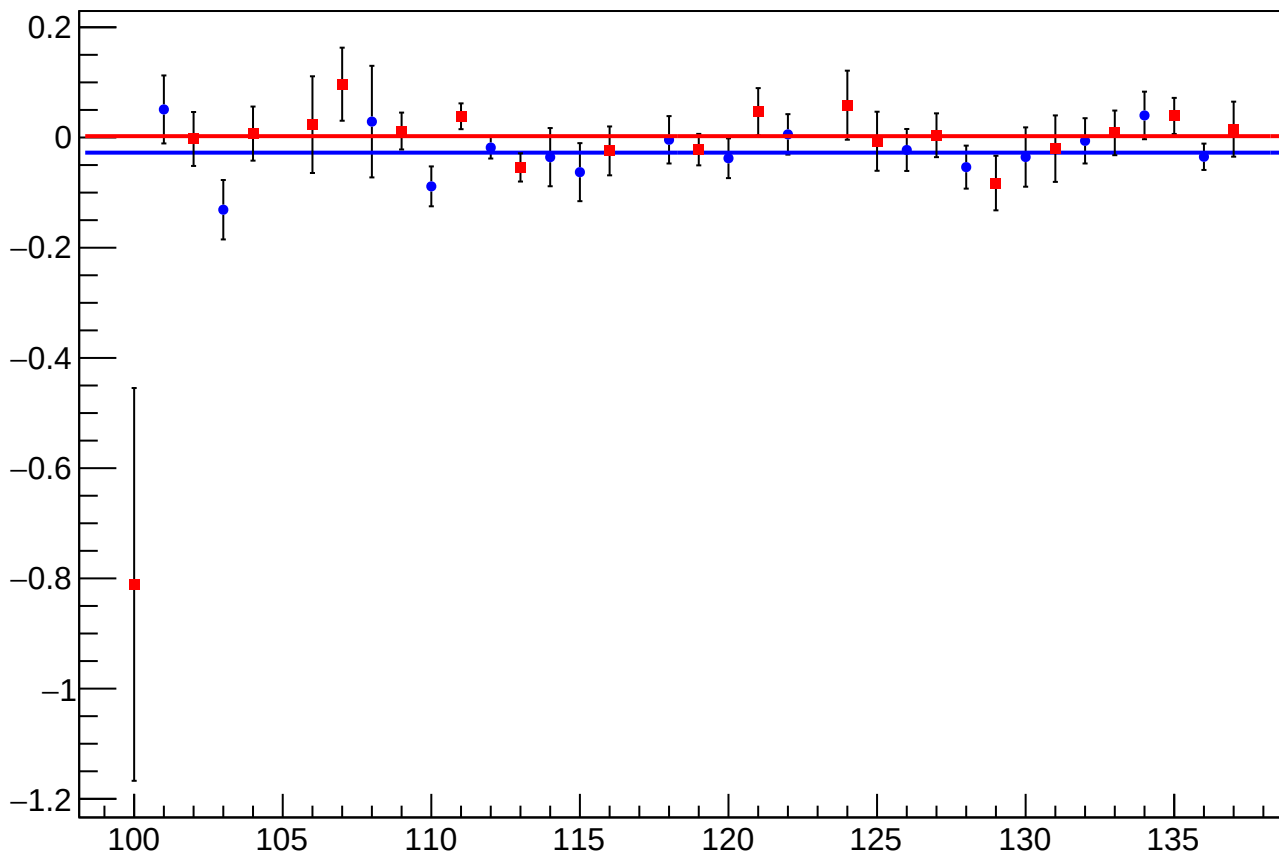
Right: 23.387+/-0.005 χ^2/NDF : 2657668.5/34

In: 23.065+/-0.007 χ^2/NDF :1564493.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.387+/-0.005 χ^2/NDF : 2657668.5/34

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.027±/0.009 χ^2/NDF : 13.7/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 0.002±/0.009 χ^2/NDF : 22.1/18

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

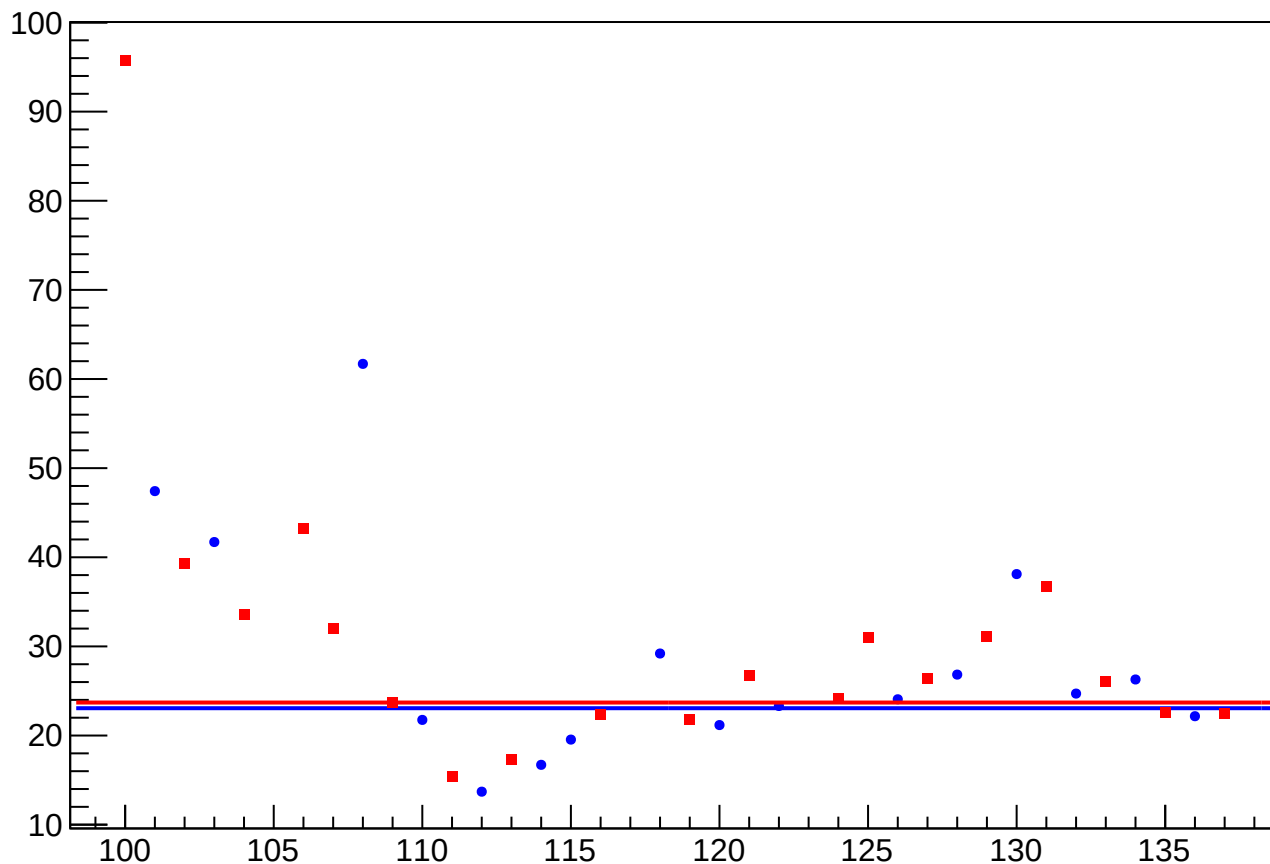
Right: -0.012±/0.007 χ^2/NDF : 40.9/34

In: -0.027±/0.009 χ^2/NDF : 13.7/15

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.012±/0.007 χ^2/NDF : 40.9/34

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.065+/-0.007 χ^2/NDF : 1564493.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23.702+/-0.007 χ^2/NDF : 1088531.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

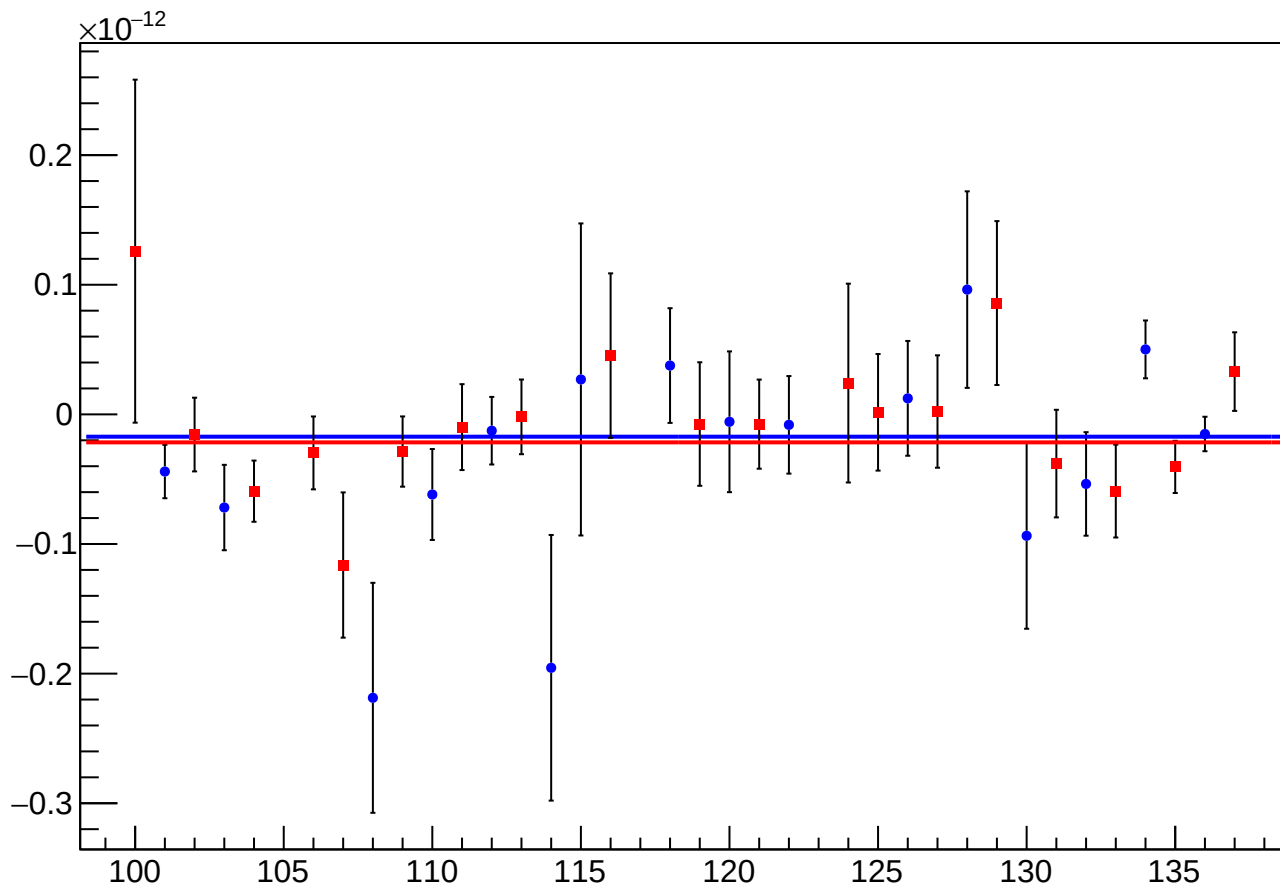
Right: 23.387+/-0.005 χ^2/NDF : 2657668.5/34

In: 23.065+/-0.007 χ^2/NDF :1564493.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.387+/-0.005 χ^2/NDF : 2657668.5/34

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 29.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

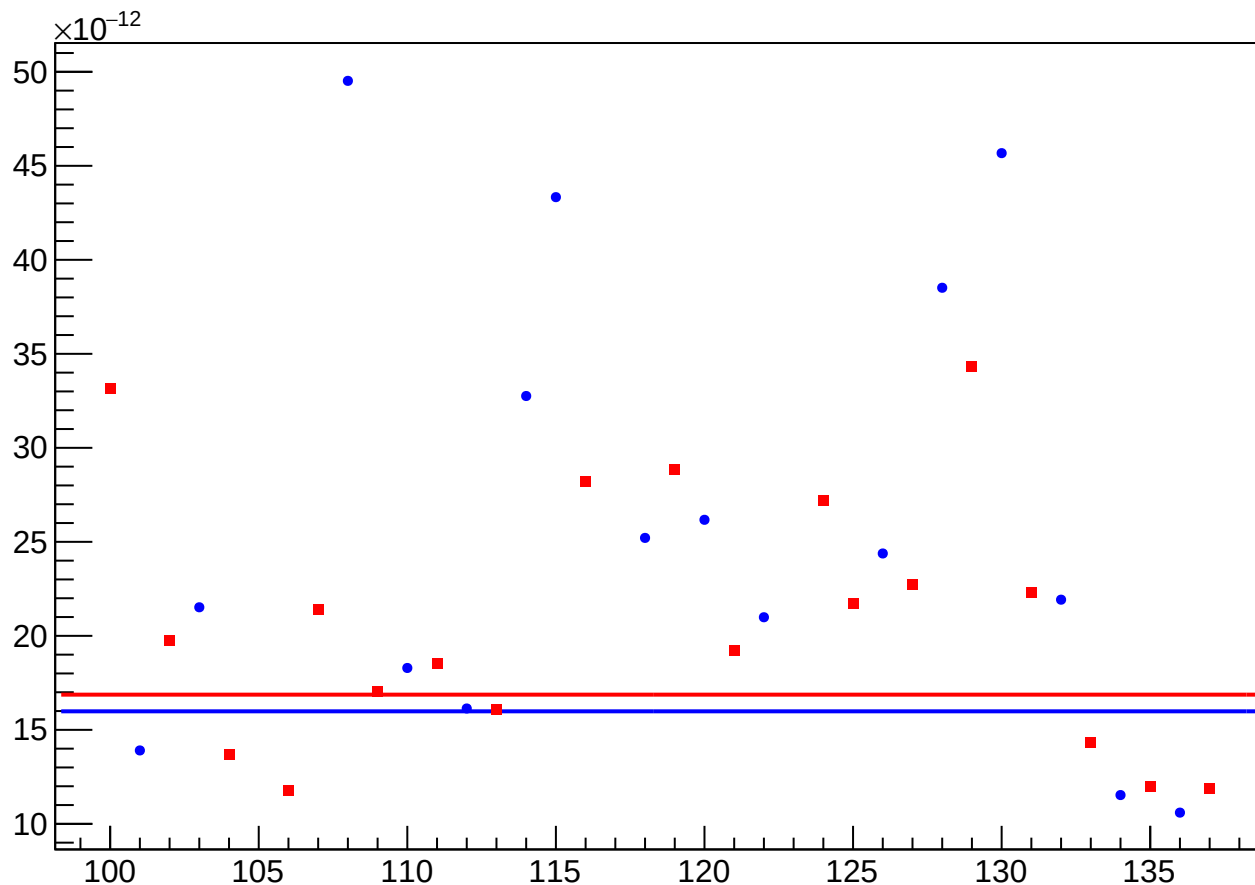
Right: -0.000+/-0.000 χ^2/NDF : 48.0/34

In: -0.000+/-0.000 χ^2/NDF : 29.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 48.0/34

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1764617.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 835680.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

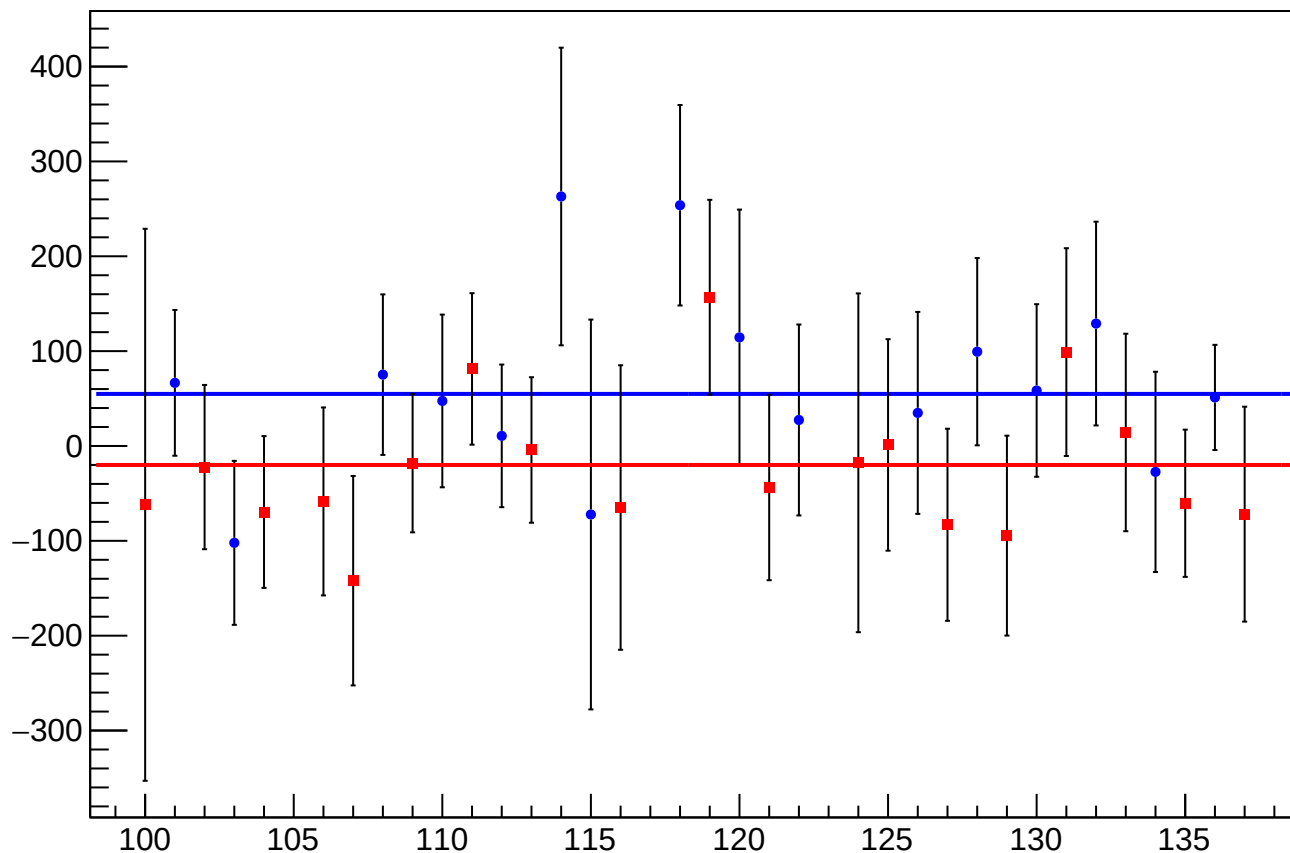
Right: 0.000+/-0.000 χ^2/NDF : 2613122.2/34

In: 0.000+/-0.000 χ^2/NDF : 1764617.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2613122.2/34

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 54.883+/-23.179 χ^2/NDF : 11.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.020+/-22.571 χ^2/NDF : 9.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

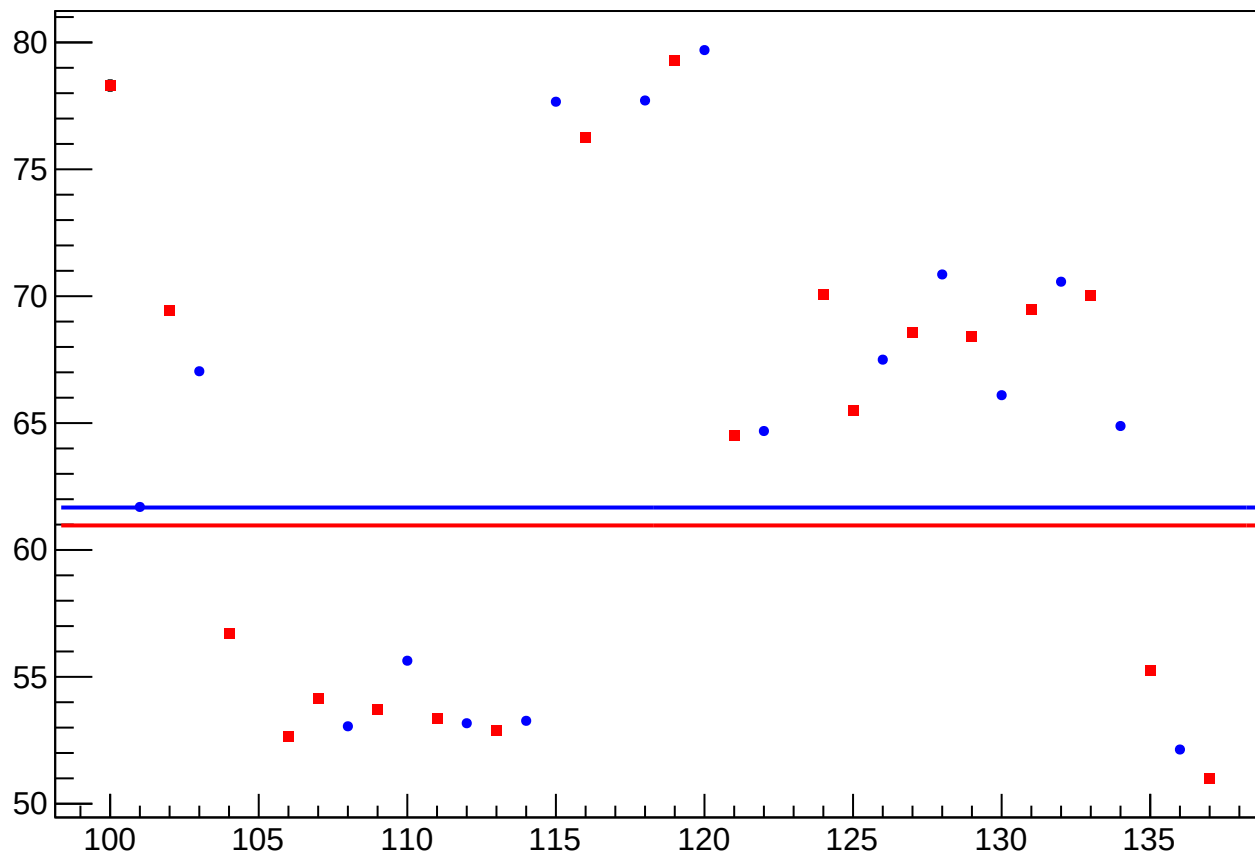
Right: 16.437+/-16.171 χ^2/NDF : 25.6/34

In: 54.883+/-23.179 χ^2/NDF : 11.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.437+/-16.171 χ^2/NDF : 25.6/34

reg_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.673+/-0.016 χ^2/NDF : 267108.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.967+/-0.016 χ^2/NDF : 284183.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

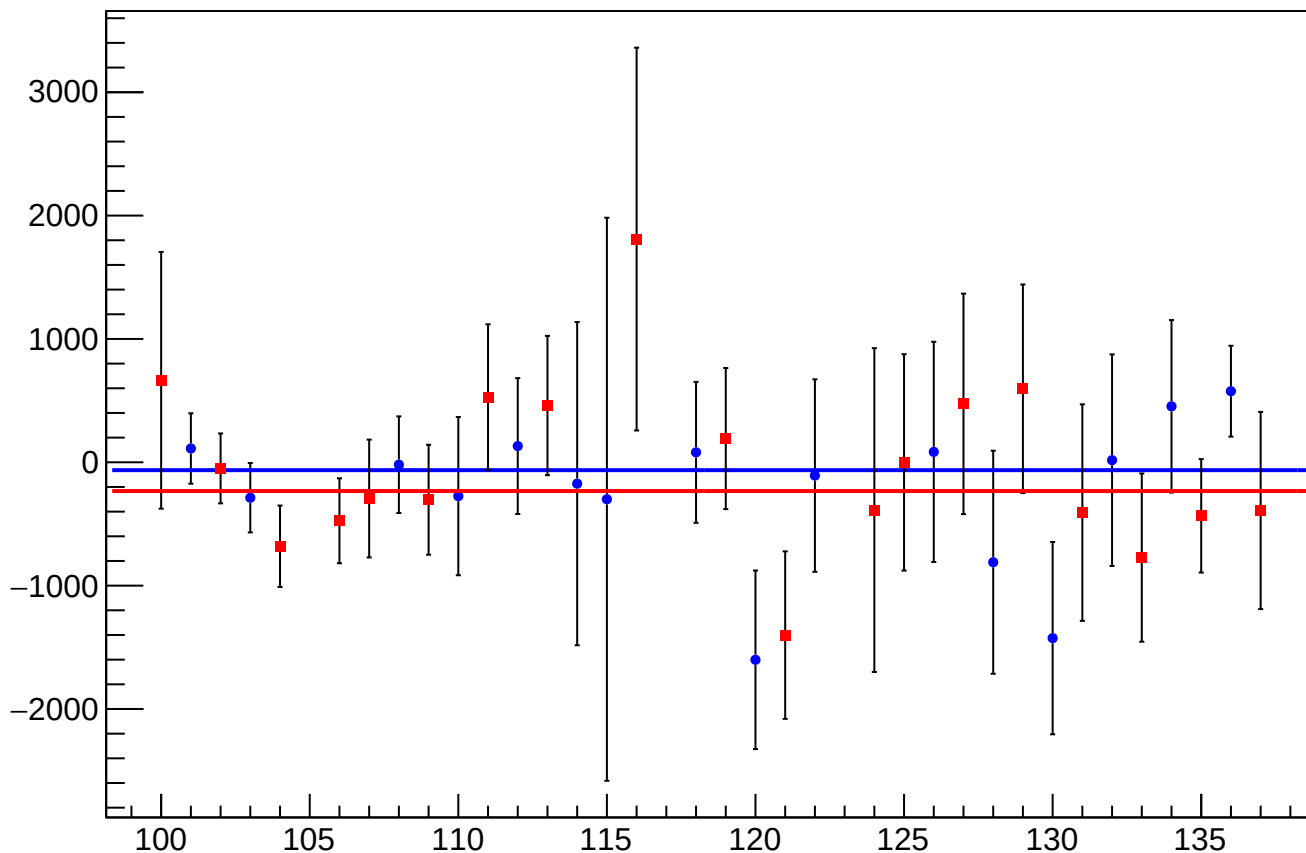
Right: 61.310+/-0.011 χ^2/NDF : 552244.9/34

In: 61.673+/-0.016 χ^2/NDF : 267108.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.310+/-0.011 χ^2/NDF : 552244.9/34

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.834 ± 129.674 χ^2/NDF : 13.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -233.206 ± 122.791 χ^2/NDF : 14.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

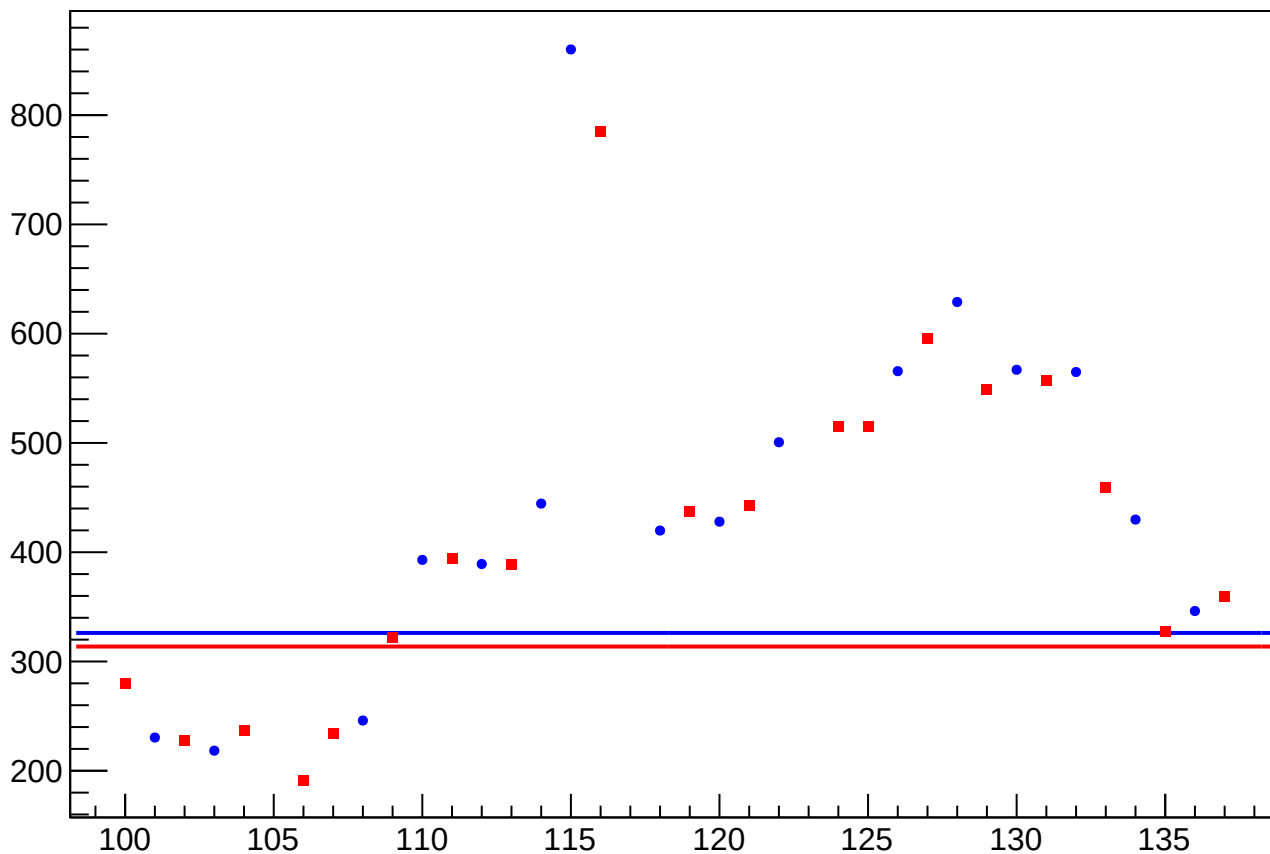
Right: -153.135 ± 89.161 χ^2/NDF : 28.6/34

In: -63.834 ± 129.674 χ^2/NDF : 13.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -153.135 ± 89.161 χ^2/NDF : 28.6/34

asym_sam_37_48_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 326.147+/-0.092 χ^2/NDF : 1733995.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.672+/-0.087 χ^2/NDF : 1787347.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

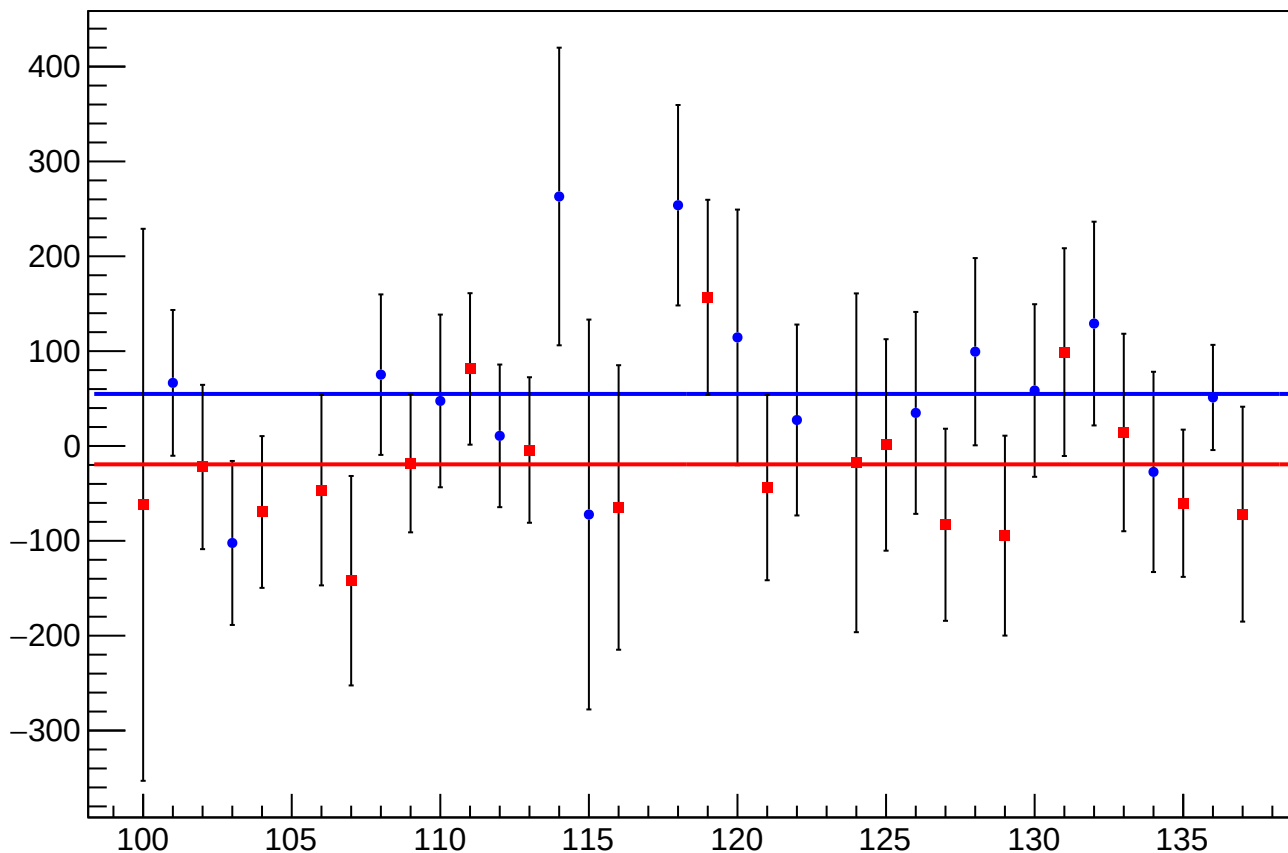
Right: 319.570+/-0.063 χ^2/NDF : 3531102.5/34

In: 326.147+/-0.092 χ^2/NDF : 1733995.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.570+/-0.063 χ^2/NDF : 3531102.5/34

cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 54.877 $\pm$ 23.179 χ^2 /NDF: 11.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -19.352 $\pm$ 22.588 χ^2 /NDF: 9.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

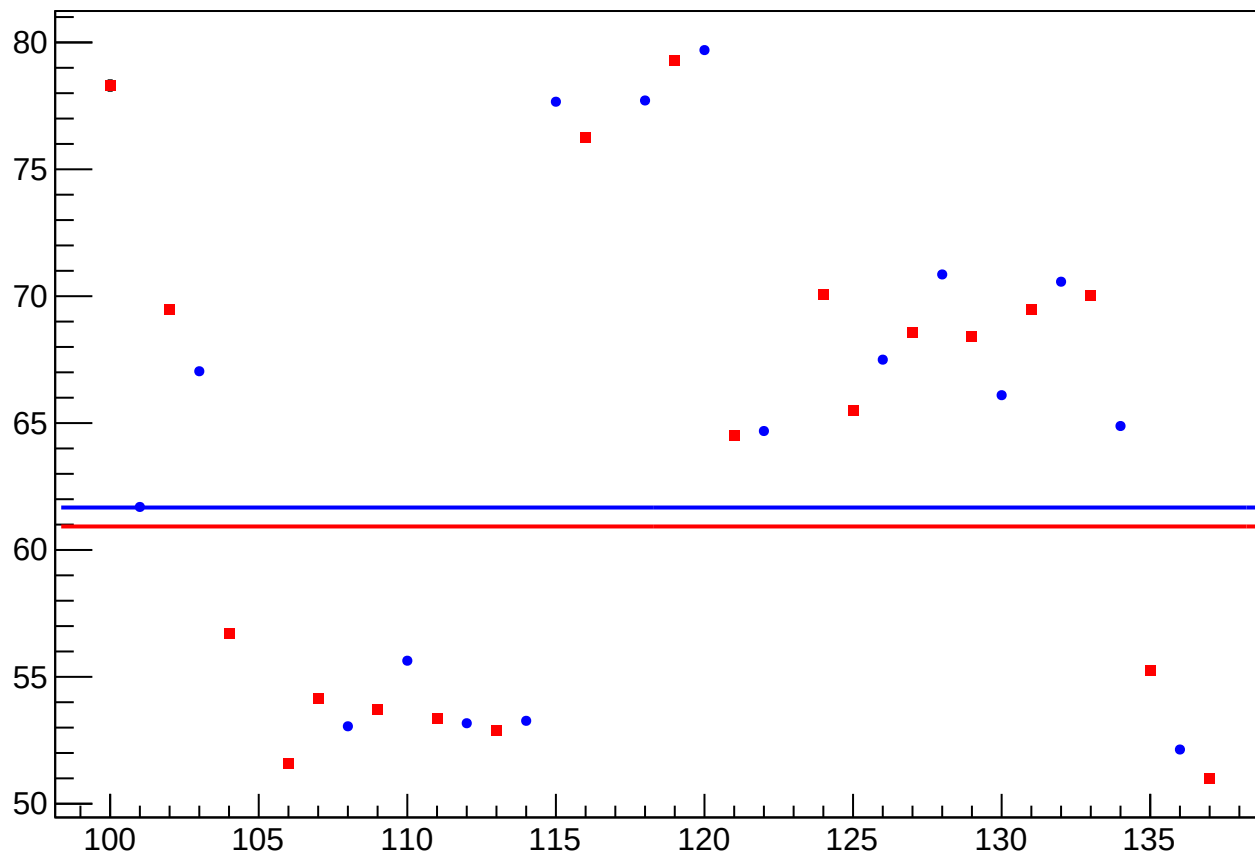
Right: 16.804 $\pm$ 16.177 χ^2 /NDF: 25.4/34

In: 54.877 $\pm$ 23.179 χ^2 /NDF: 11.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.804 $\pm$ 16.177 χ^2 /NDF: 25.4/34

cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.673 $\pm$ 0.016 χ^2/NDF : 267108.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 60.926 $\pm$ 0.016 χ^2/NDF : 287579.6/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

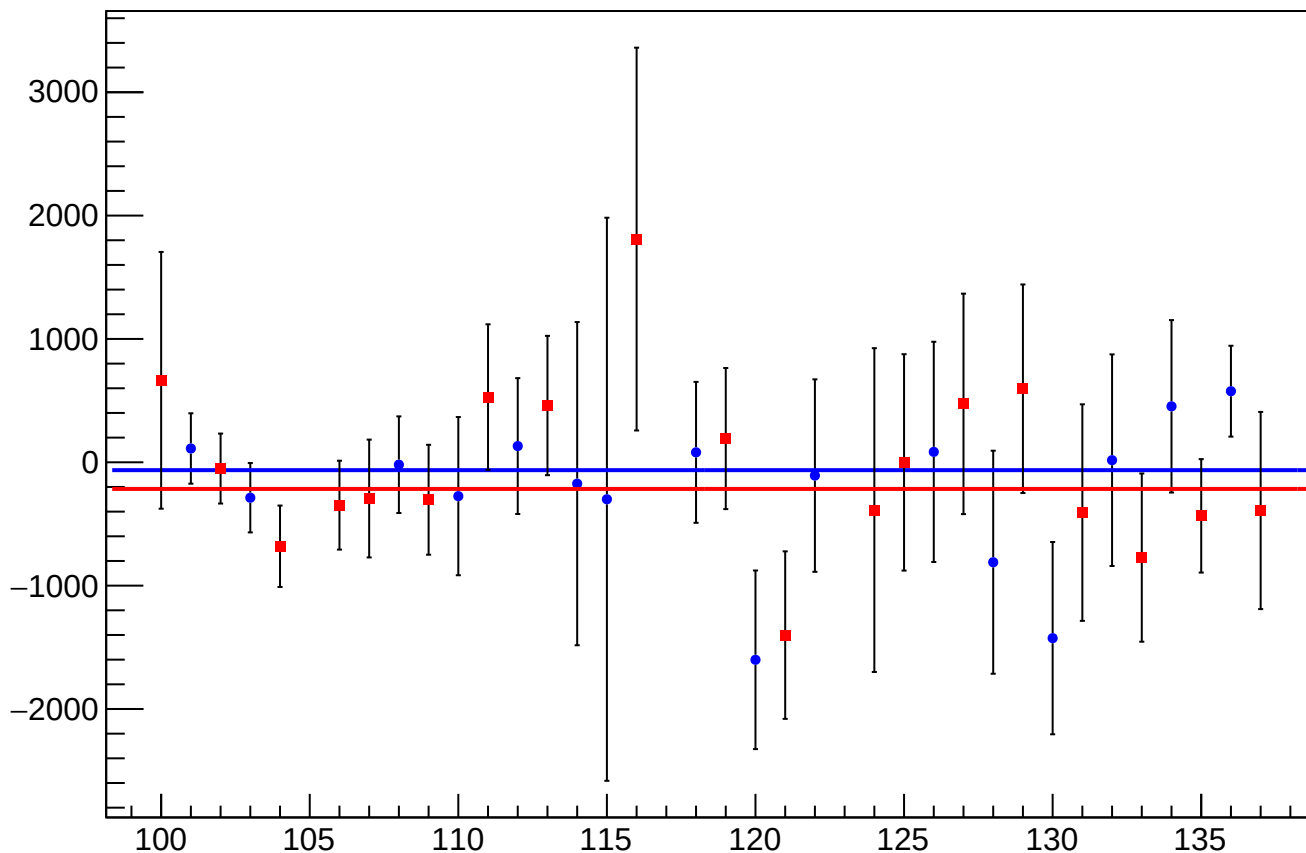
Right: 61.290 $\pm$ 0.011 χ^2/NDF : 555754.0/34

In: 61.673 $\pm$ 0.016 χ^2/NDF :267108.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 61.290 $\pm$ 0.011 χ^2/NDF : 555754.0/34

asym_sam_37_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.820 ± 129.675 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -215.911 ± 123.491 $\chi^2/\text{NDF}: 14.1/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

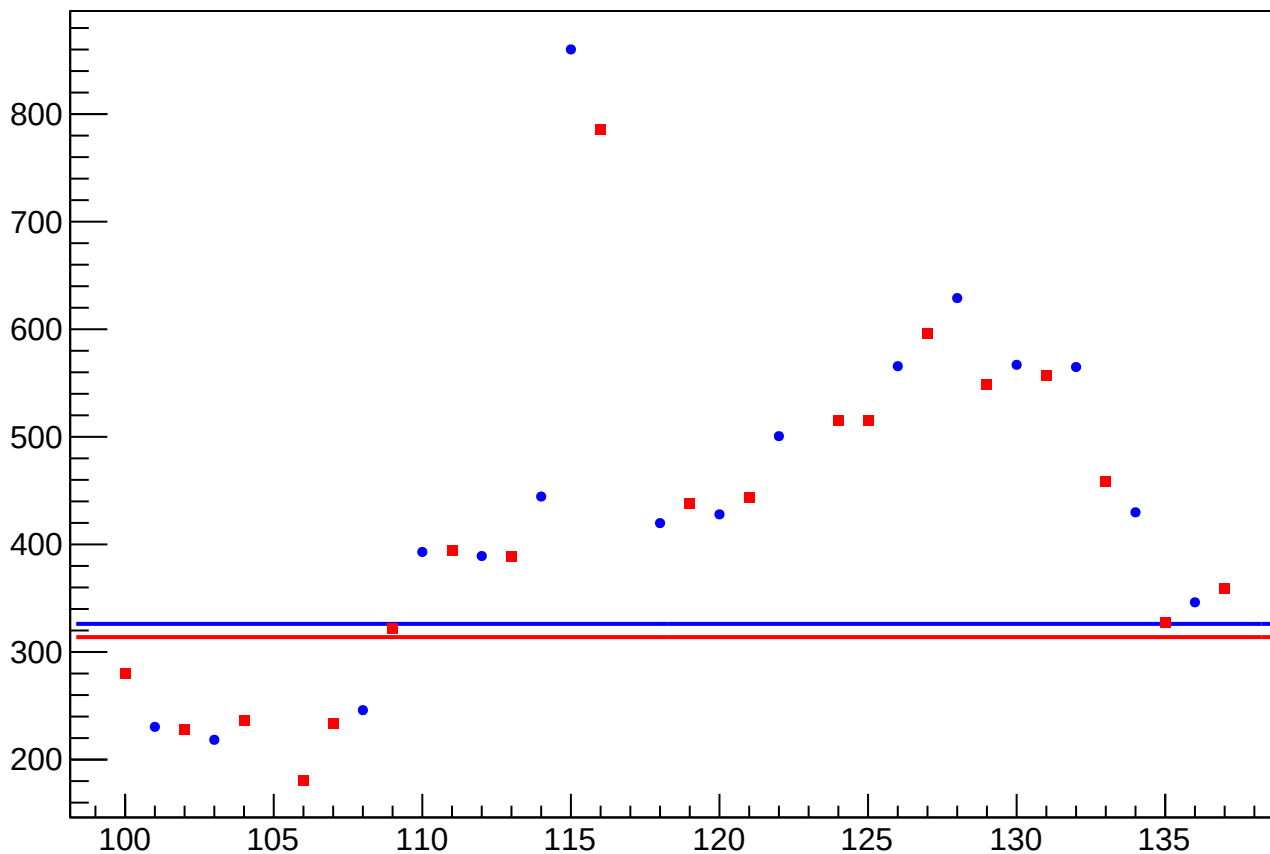
Right: -143.578 ± 89.428 $\chi^2/\text{NDF}: 28.0/34$

In: -63.820 ± 129.675 $\chi^2/\text{NDF}: 13.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -143.578 ± 89.428 $\chi^2/\text{NDF}: 28.0/34$

asym_sam_37_48_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.861+/-0.087 χ^2/NDF : 1805779.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

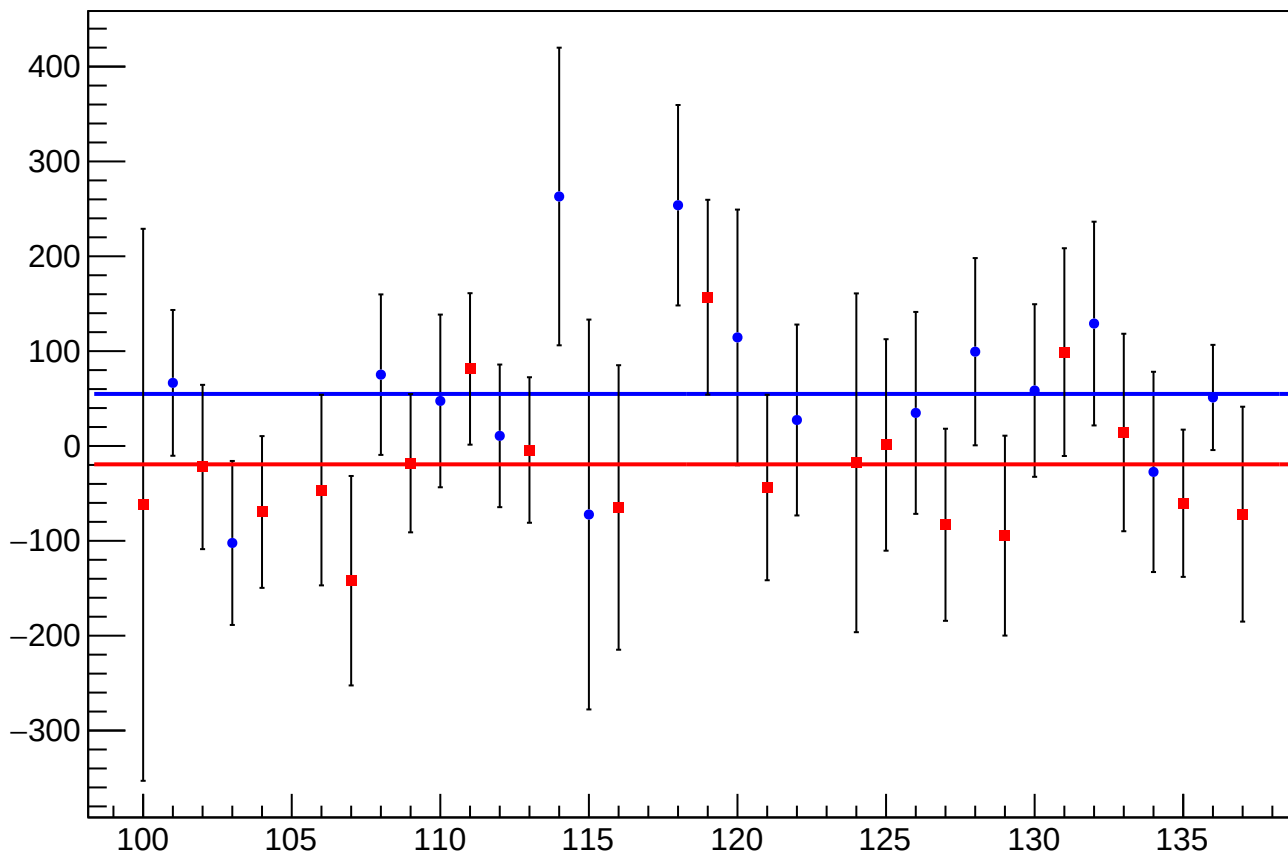
Right: 319.706+/-0.063 χ^2/NDF : 3549134.1/34

In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.706+/-0.063 χ^2/NDF : 3549134.1/34

eigen_cor_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 54.877+/-23.179 χ^2/NDF : 11.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.352+/-22.588 χ^2/NDF : 9.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

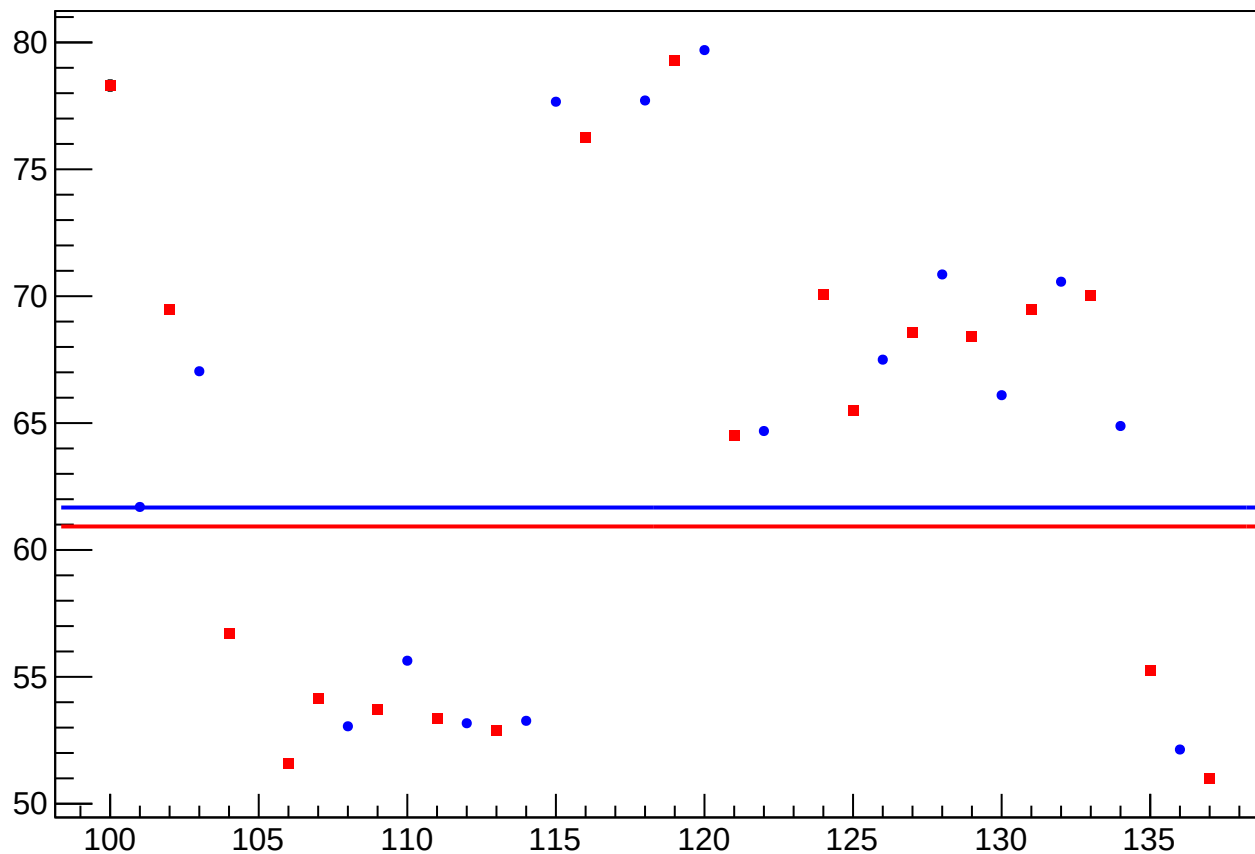
Right: 16.804+/-16.177 χ^2/NDF : 25.4/34

In: 54.877+/-23.179 χ^2/NDF : 11.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.804+/-16.177 χ^2/NDF : 25.4/34

eigen_cor_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 61.673+/-0.016 χ^2/NDF : 267108.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.926+/-0.016 χ^2/NDF : 287579.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

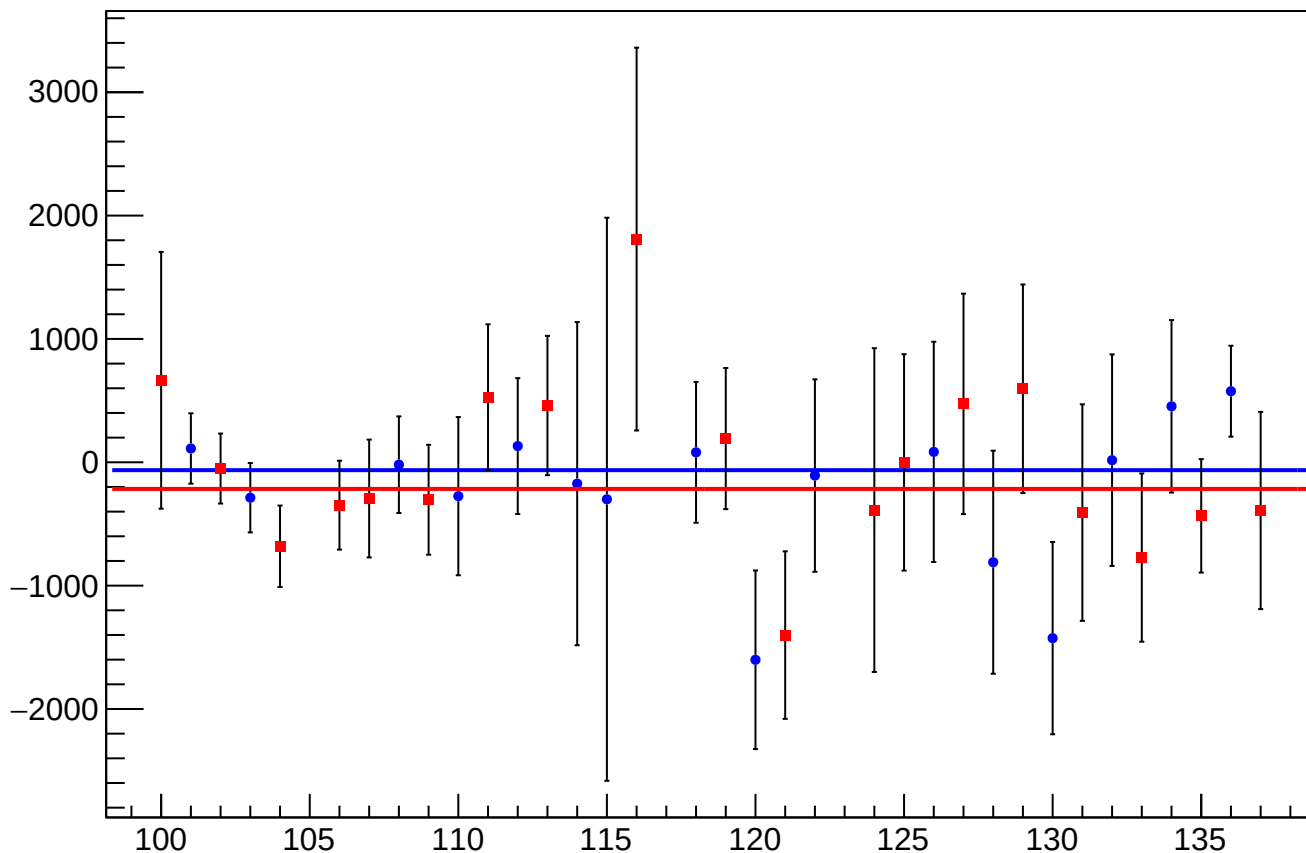
Right: 61.290+/-0.011 χ^2/NDF : 555754.0/34

In: 61.673+/-0.016 χ^2/NDF : 267108.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.290+/-0.011 χ^2/NDF : 555754.0/34

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -63.820 ± 129.675 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -215.911 ± 123.491 $\chi^2/\text{NDF}: 14.1/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

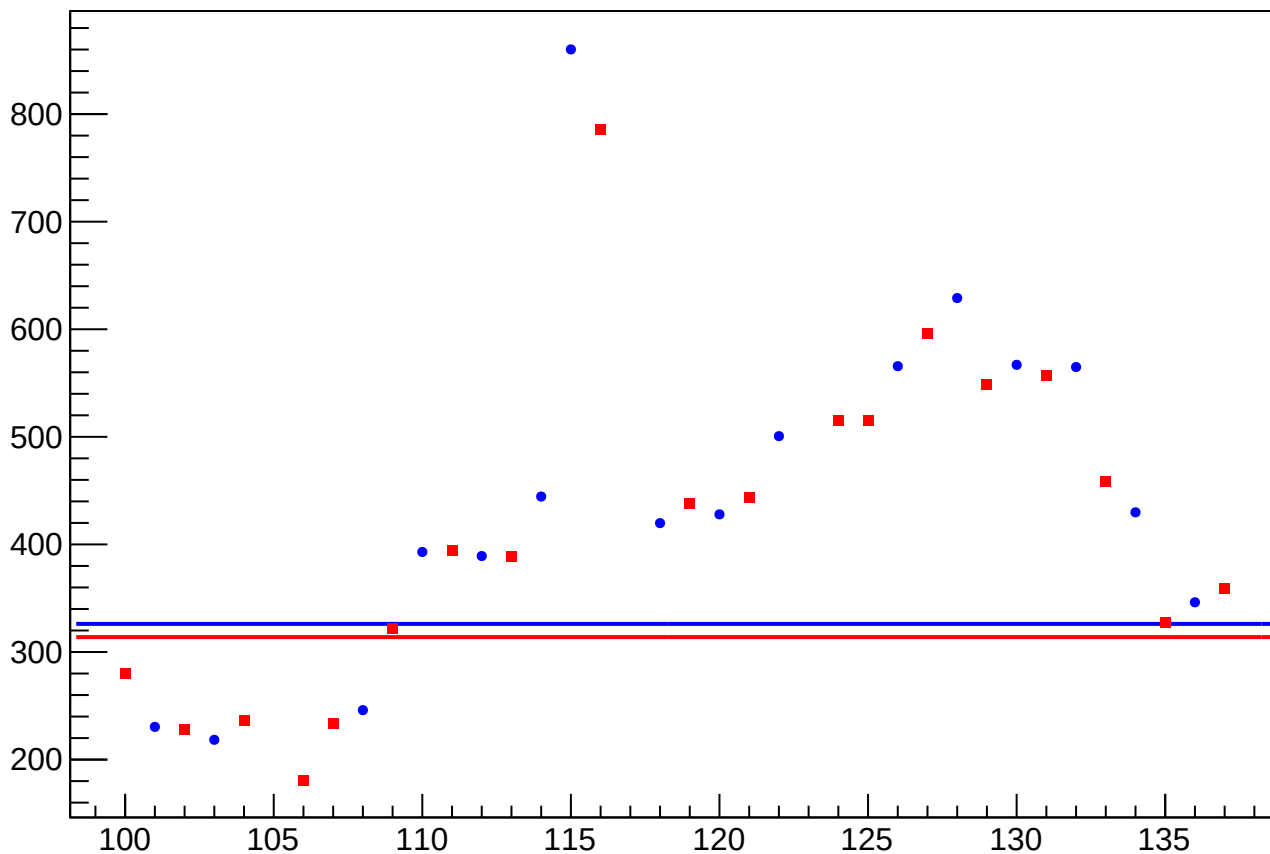
Right: -143.578 ± 89.428 $\chi^2/\text{NDF}: 28.0/34$

In: -63.820 ± 129.675 $\chi^2/\text{NDF}: 13.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -143.578 ± 89.428 $\chi^2/\text{NDF}: 28.0/34$

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.861+/-0.087 χ^2/NDF : 1805779.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

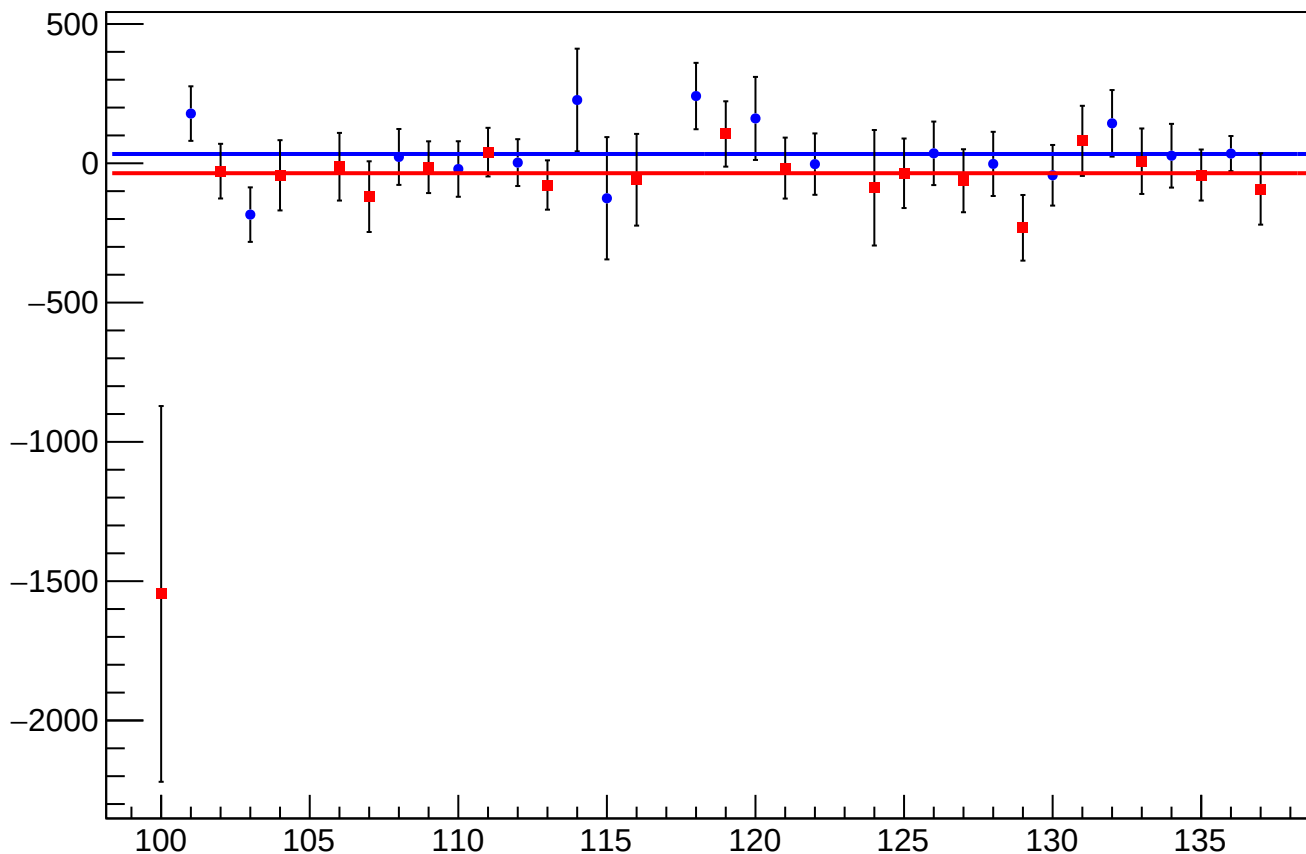
Right: 319.706+/-0.063 χ^2/NDF : 3549134.1/34

In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.706+/-0.063 χ^2/NDF : 3549134.1/34

dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.399+/-26.415 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.576+/-26.536 χ^2/NDF : 12.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

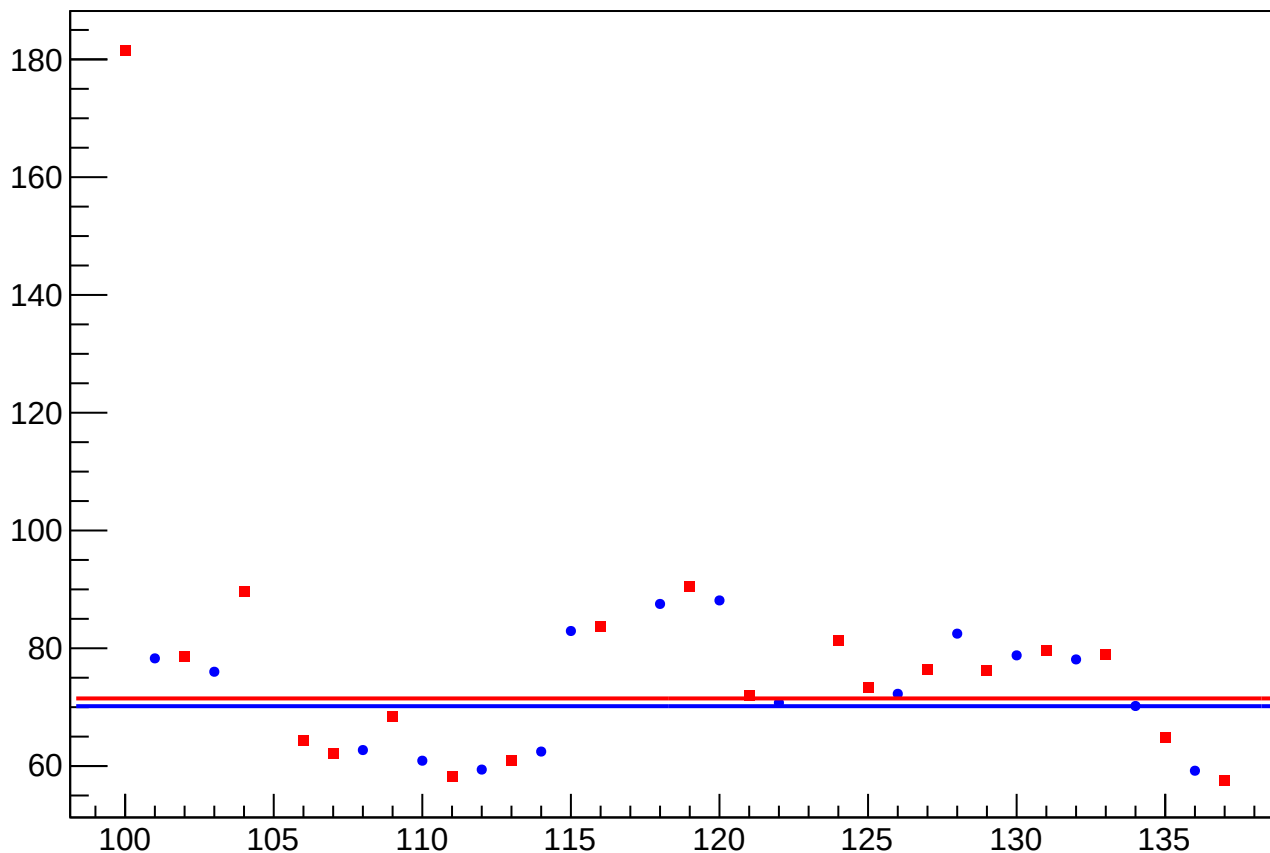
Right: -0.931+/-18.721 χ^2/NDF : 30.0/34

In: 33.399+/-26.415 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.931+/-18.721 χ^2/NDF : 30.0/34

dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.167 $\pm$ 0.019 χ^2 /NDF: 269249.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.483 $\pm$ 0.019 χ^2 /NDF: 325715.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

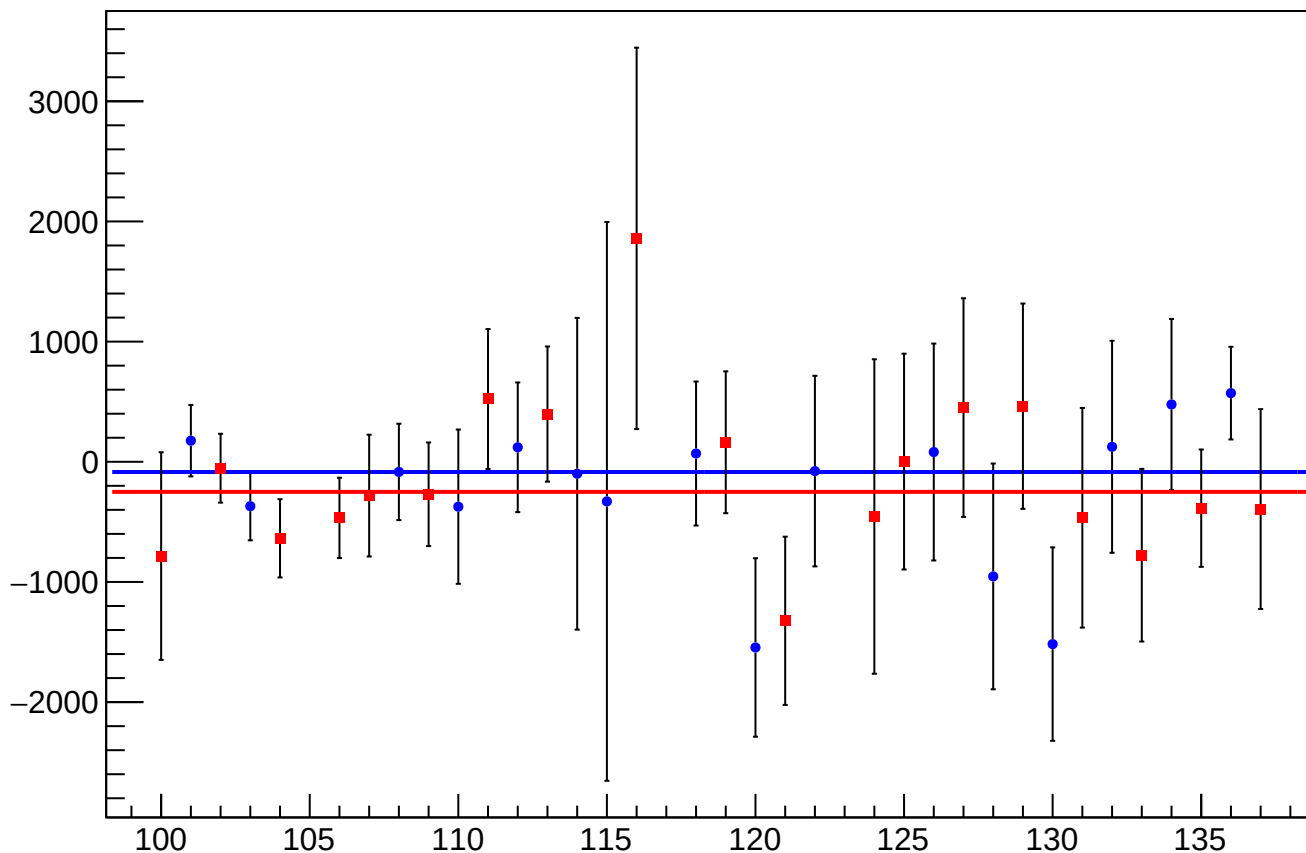
Right: 70.822 $\pm$ 0.013 χ^2 /NDF: 597434.8/34

In: 70.167 $\pm$ 0.019 χ^2 /NDF:269249.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.822 $\pm$ 0.013 χ^2 /NDF: 597434.8/34

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -85.184 ± 132.877 $\chi^2/\text{NDF}: 13.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -250.440 ± 123.302 $\chi^2/\text{NDF}: 12.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

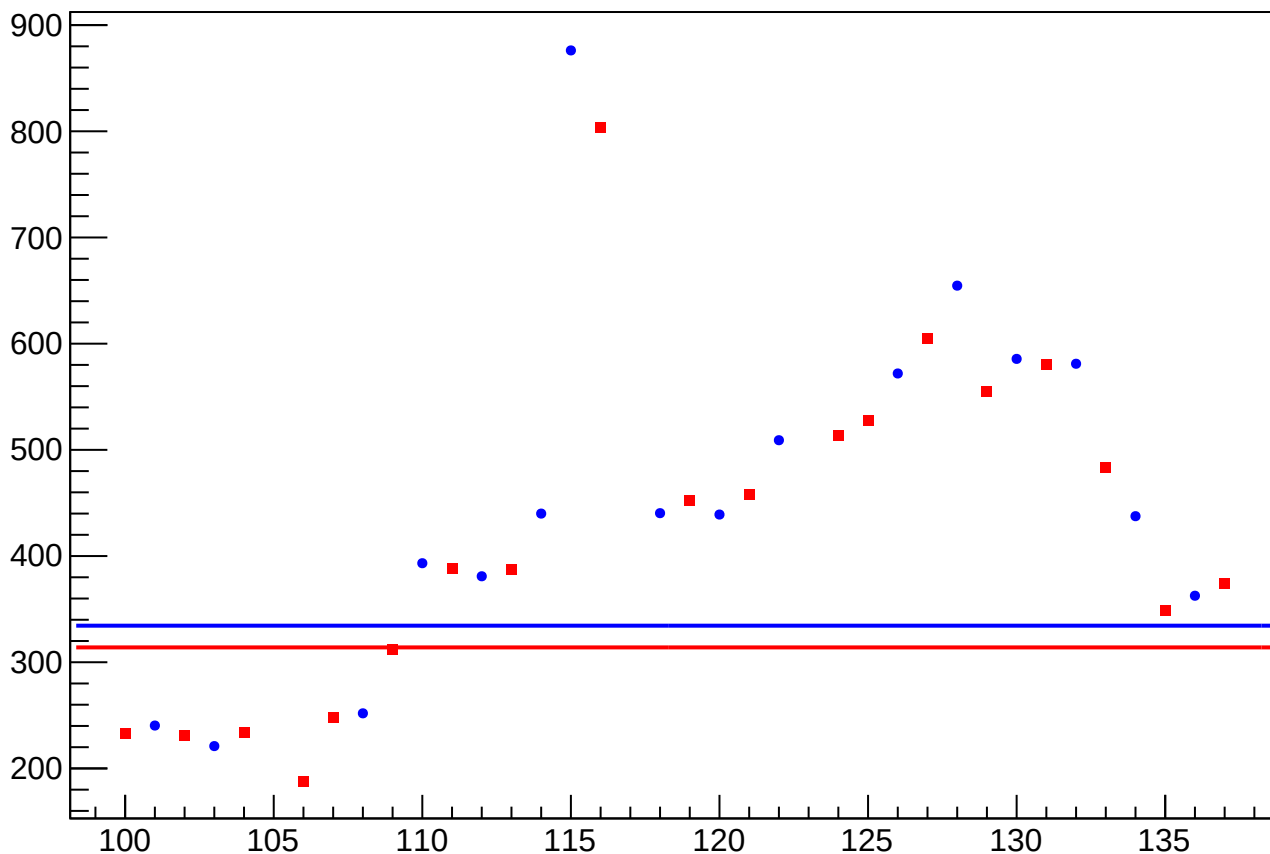
Right: -173.980 ± 90.383 $\chi^2/\text{NDF}: 27.0/34$

In: -85.184 ± 132.877 $\chi^2/\text{NDF}: 13.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -173.980 ± 90.383 $\chi^2/\text{NDF}: 27.0/34$

asym_sam_37_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 334.431+/-0.094 χ^2/NDF : 1730610.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.971+/-0.087 χ^2/NDF : 1904605.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

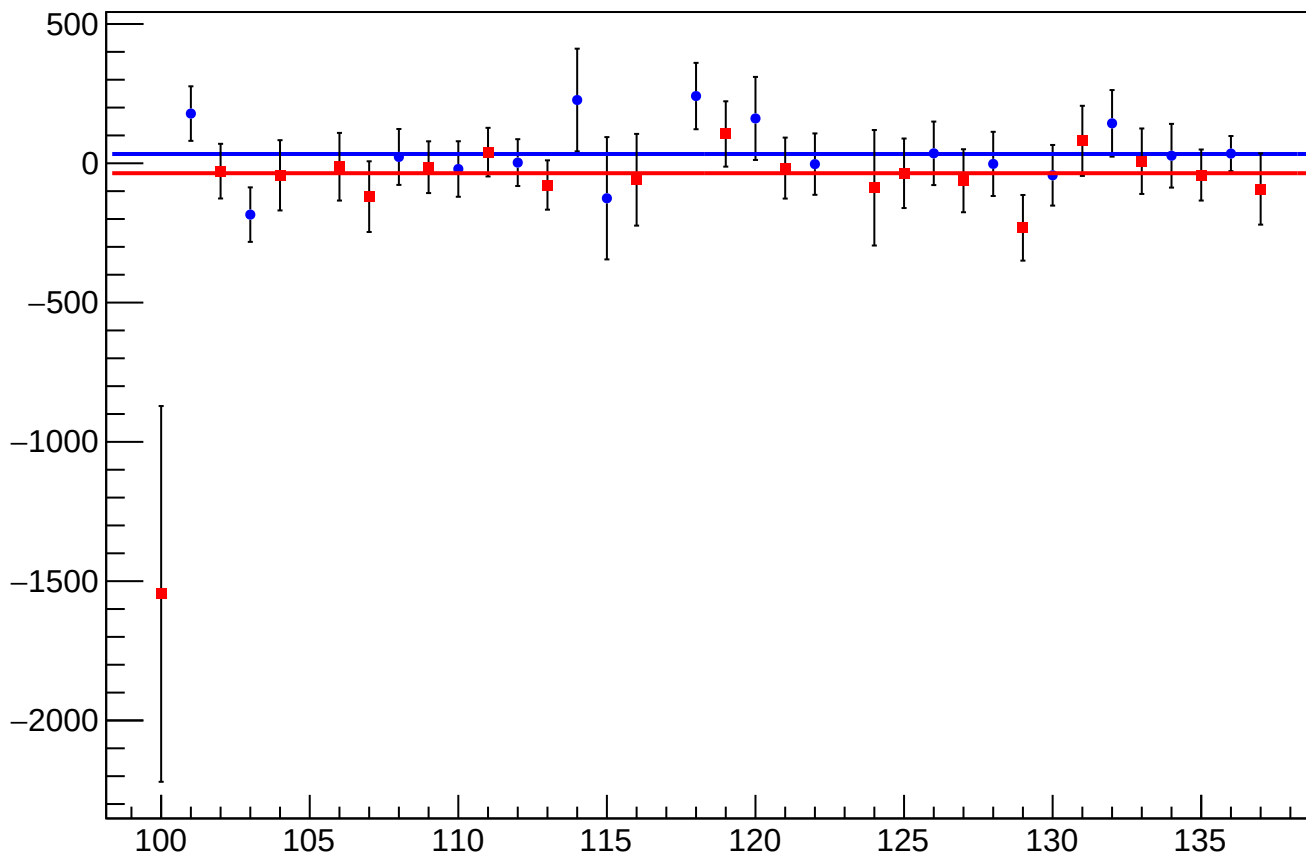
Right: 323.437+/-0.064 χ^2/NDF : 3660694.2/34

In: 334.431+/-0.094 χ^2/NDF : 1730610.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.437+/-0.064 χ^2/NDF : 3660694.2/34

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.397 $\pm$ 26.415 χ^2 /NDF: 14.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -35.577 $\pm$ 26.536 χ^2 /NDF: 12.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

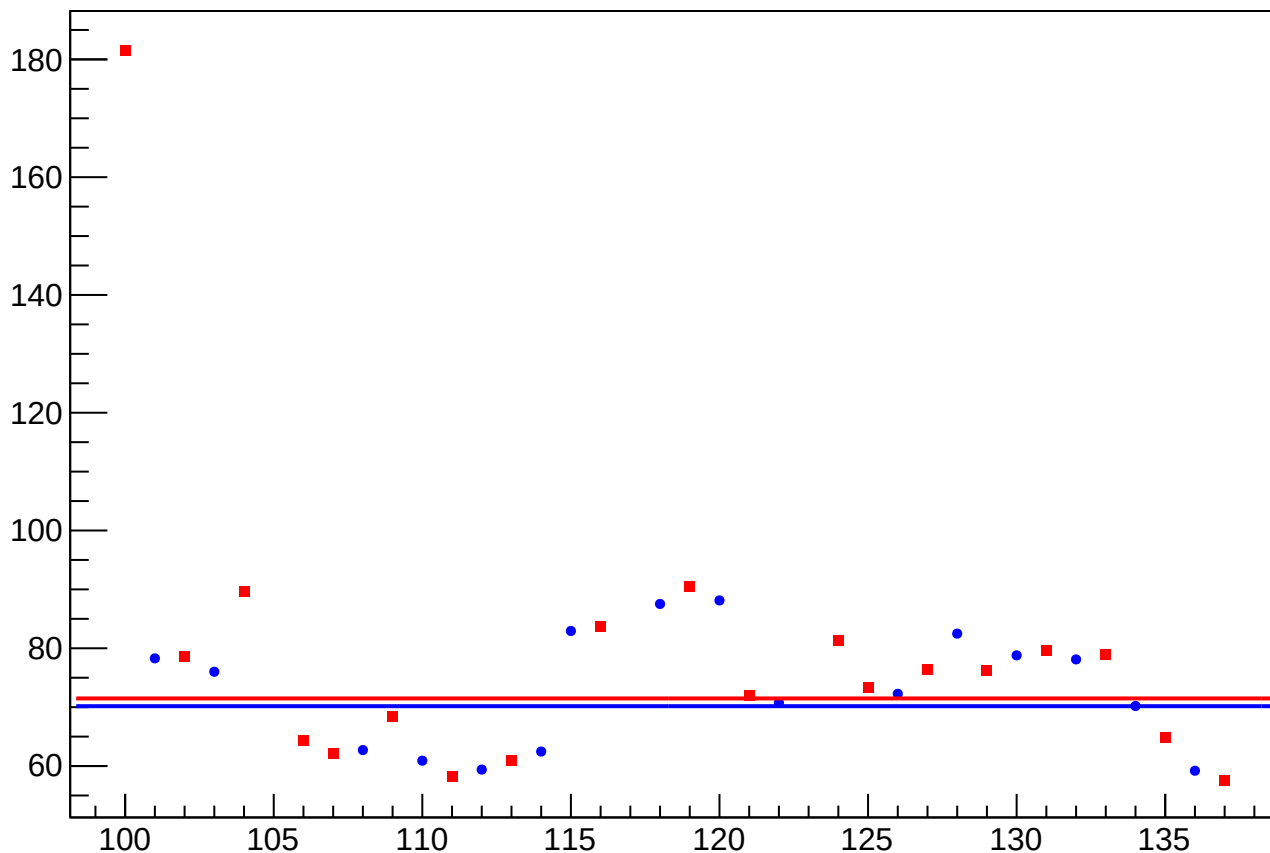
Right: -0.932 $\pm$ 18.721 χ^2 /NDF: 30.0/34

In: 33.397 $\pm$ 26.415 χ^2 /NDF:14.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.932 $\pm$ 18.721 χ^2 /NDF: 30.0/34

eigen_dit_asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 70.167 $\pm$ 0.019 χ^2 /NDF: 269253.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.483 $\pm$ 0.019 χ^2 /NDF: 325721.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

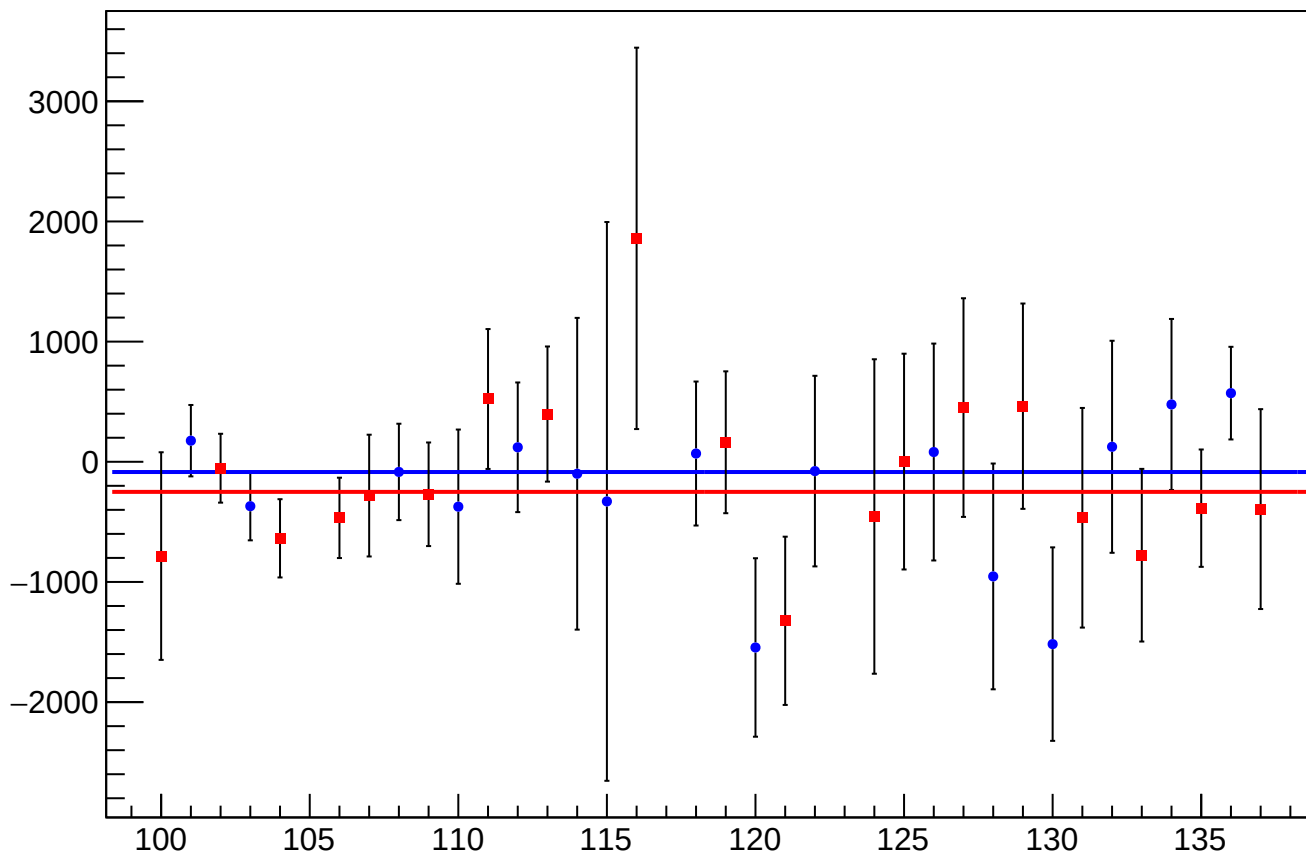
Right: 70.822 $\pm$ 0.013 χ^2 /NDF: 597444.3/34

In: 70.167 $\pm$ 0.019 χ^2 /NDF:269253.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 70.822 $\pm$ 0.013 χ^2 /NDF: 597444.3/34

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -85.185 ± 132.877 $\chi^2/\text{NDF}: 13.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -250.440 ± 123.302 $\chi^2/\text{NDF}: 12.5/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

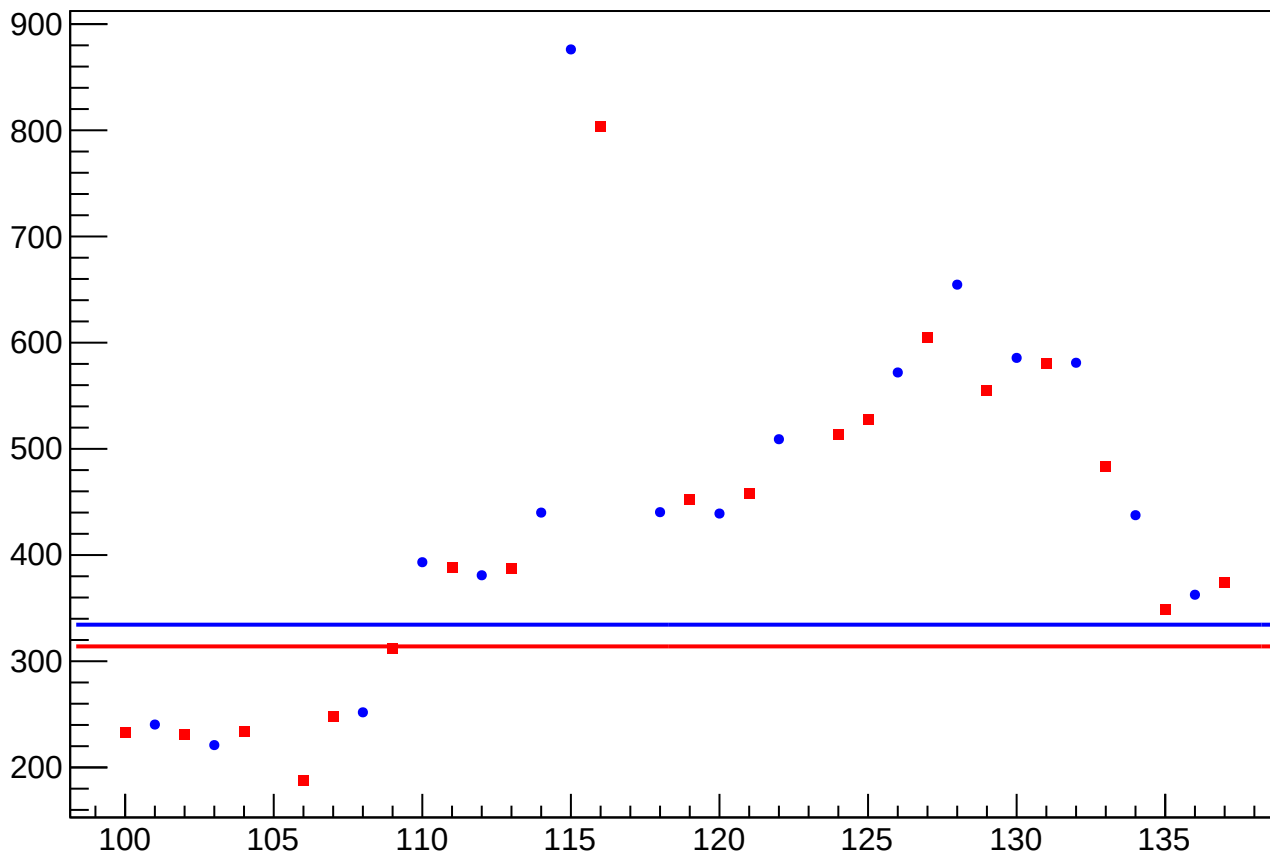
Right: -173.981 ± 90.383 $\chi^2/\text{NDF}: 27.0/34$

In: -85.185 ± 132.877 $\chi^2/\text{NDF}: 13.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -173.981 ± 90.383 $\chi^2/\text{NDF}: 27.0/34$

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 334.431+/-0.094 χ^2/NDF : 1730609.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 313.971+/-0.087 χ^2/NDF : 1904604.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

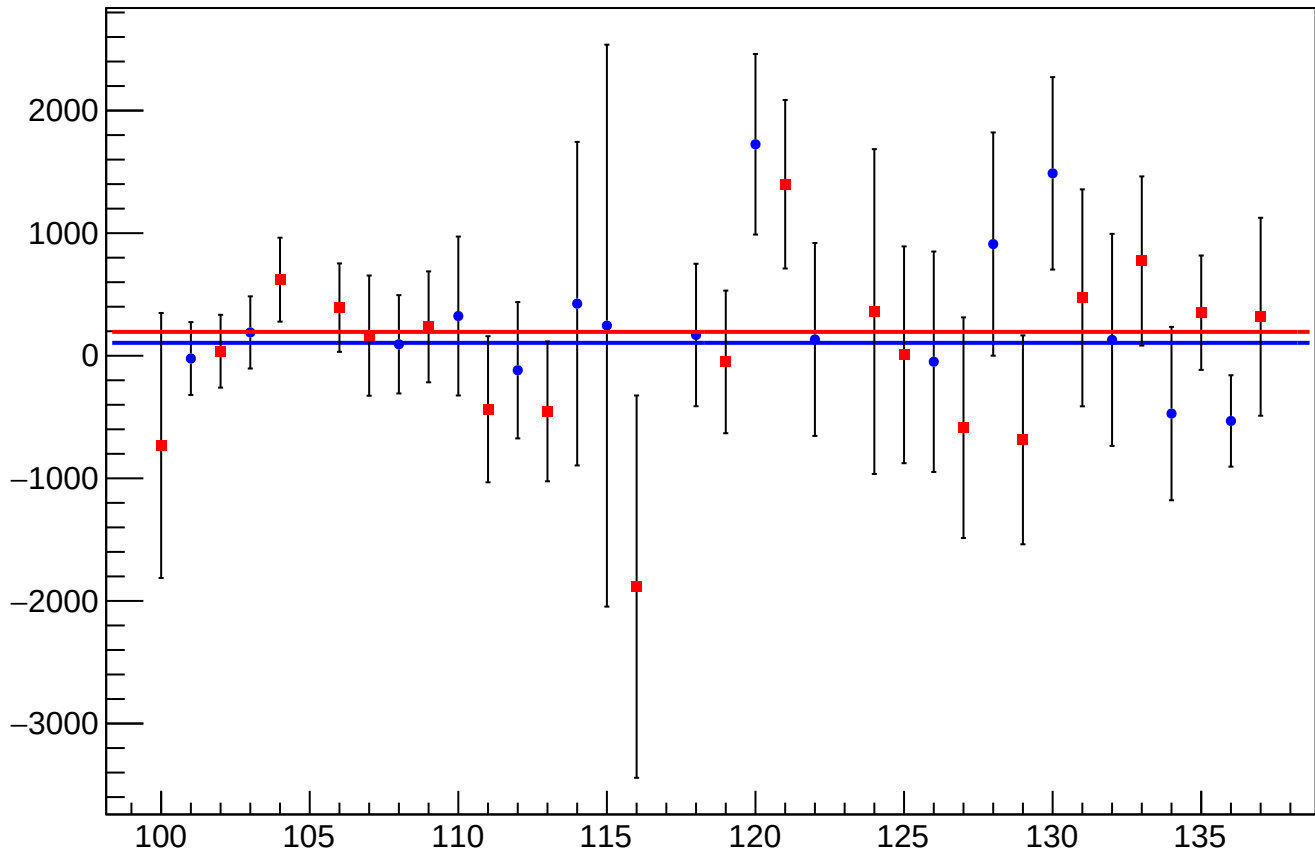
Right: 323.437+/-0.064 χ^2/NDF : 3660692.3/34

In: 334.431+/-0.094 χ^2/NDF : 1730609.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 323.437+/-0.064 χ^2/NDF : 3660692.3/34

asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 105.390 $\pm$ 133.046 χ^2 /NDF: 13.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 194.712 $\pm$ 126.198 χ^2 /NDF: 13.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

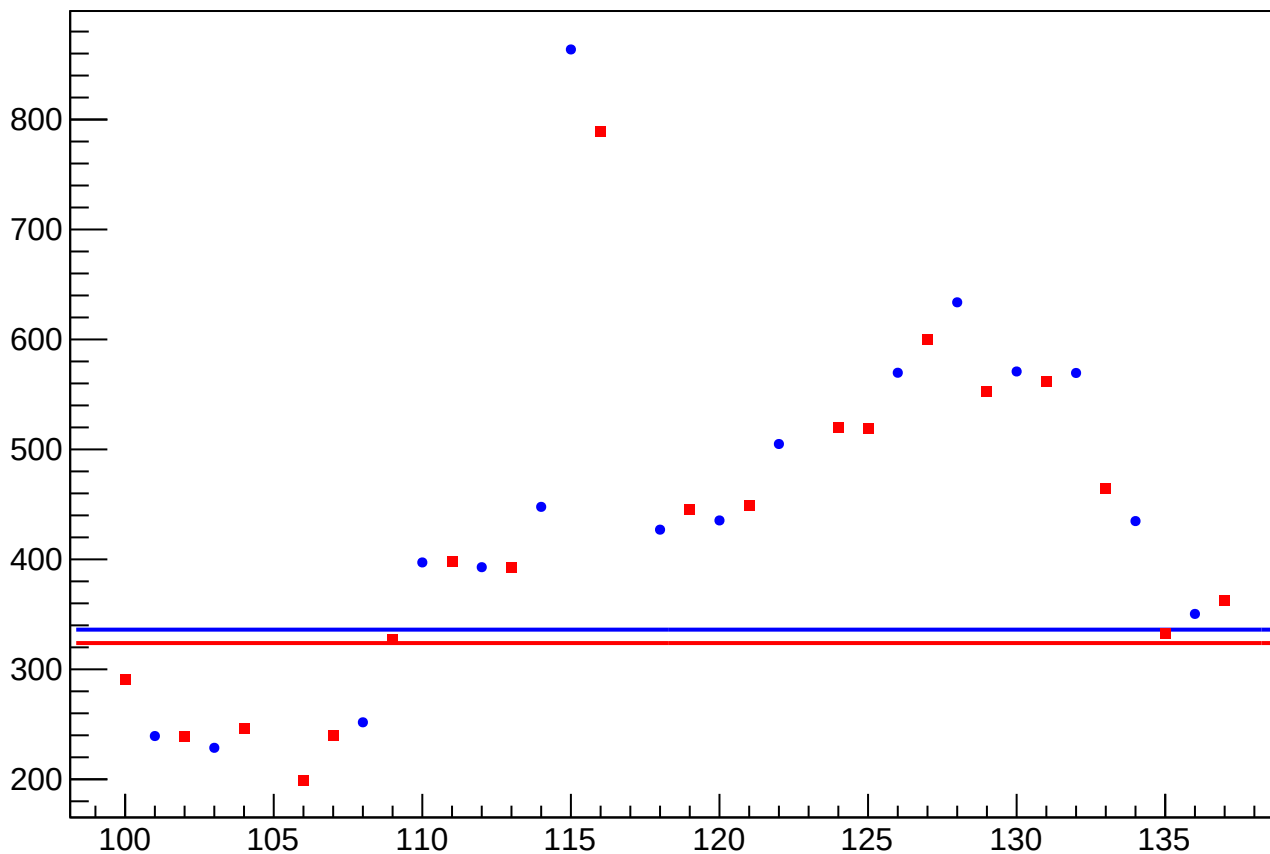
Right: 152.409 $\pm$ 91.561 χ^2 /NDF: 26.3/34

In: 105.390 $\pm$ 133.046 χ^2 /NDF:13.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 152.409 $\pm$ 91.561 χ^2 /NDF: 26.3/34

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 336.092+/-0.094 χ^2/NDF : 1618997.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 323.885+/-0.089 χ^2/NDF : 1665420.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

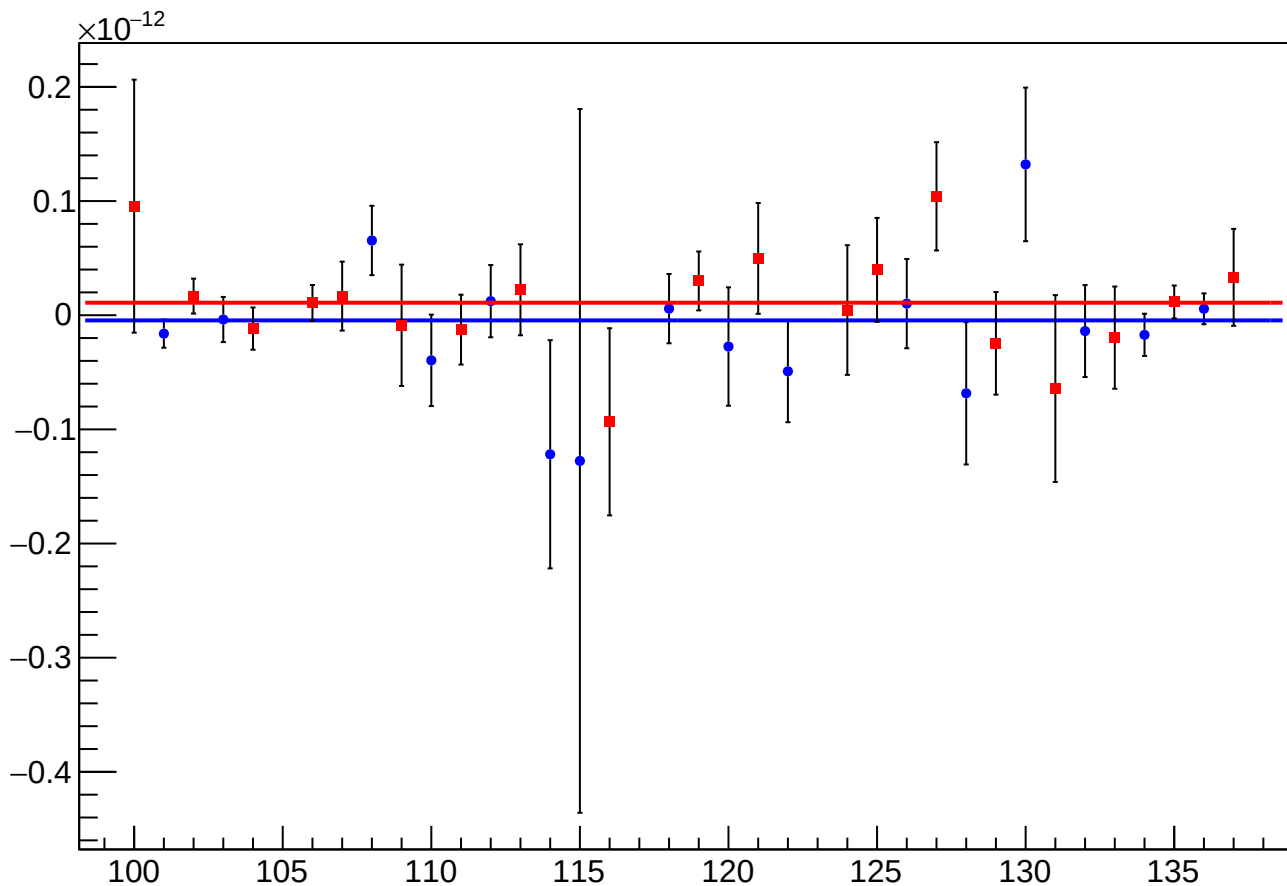
Right: 329.666+/-0.065 χ^2/NDF : 3293280.0/34

In: 336.092+/-0.094 χ^2/NDF : 1618997.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 329.666+/-0.065 χ^2/NDF : 3293280.0/34

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

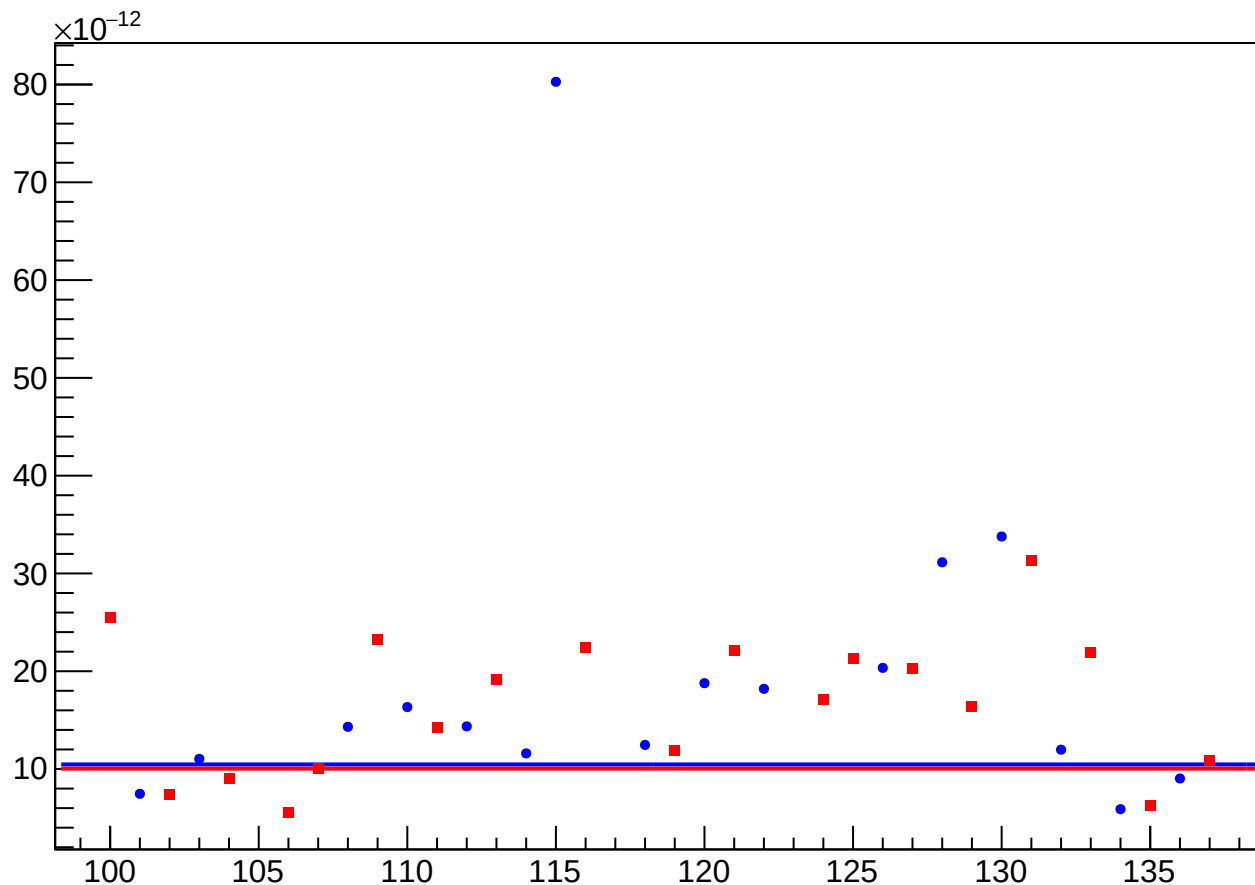
Right: 0.000+/-0.000 χ^2/NDF : 31.8/34

In: -0.000+/-0.000 χ^2/NDF :16.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.8/34

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1183833.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1415778.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

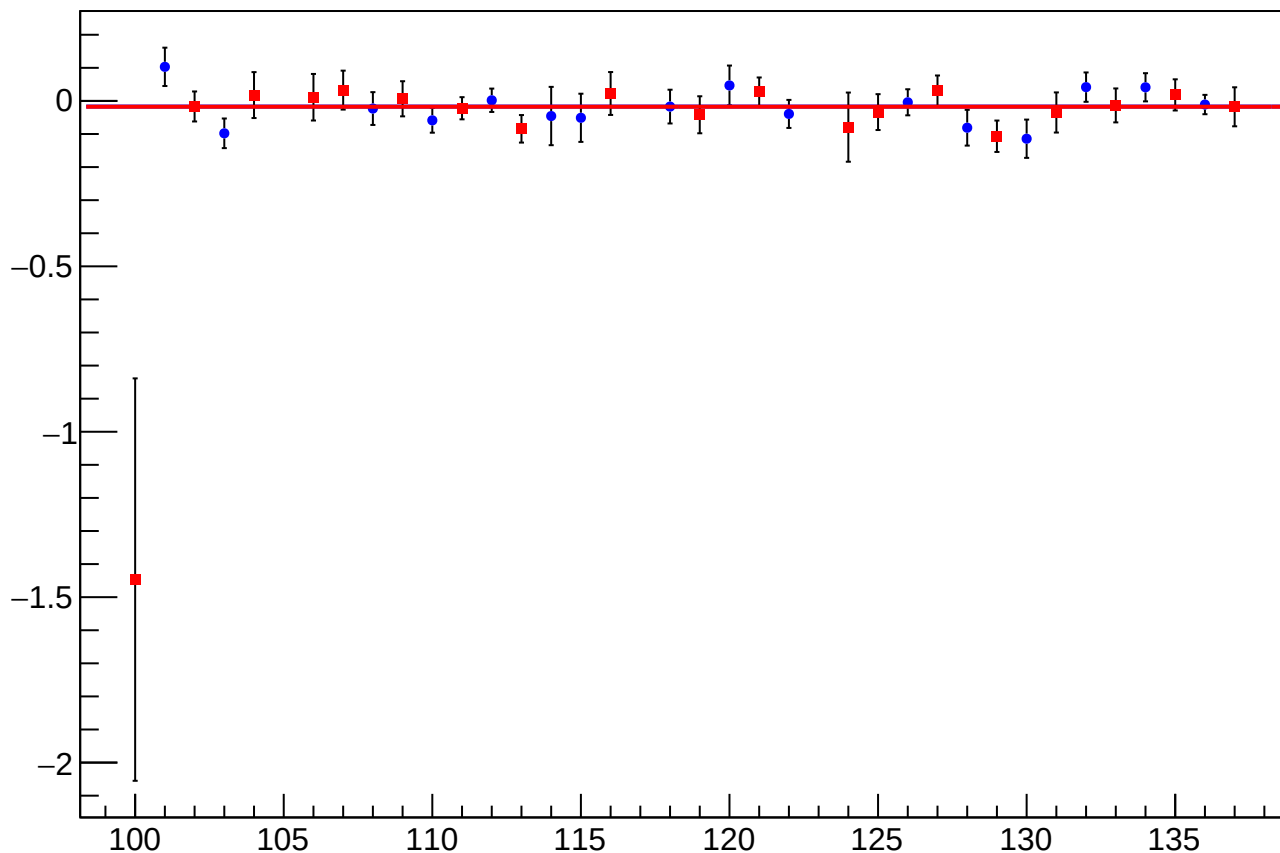
Right: 0.000+/-0.000 χ^2/NDF : 2604050.5/34

In: 0.000+/-0.000 χ^2/NDF : 1183833.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2604050.5/34

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.012 χ^2/NDF : 16.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

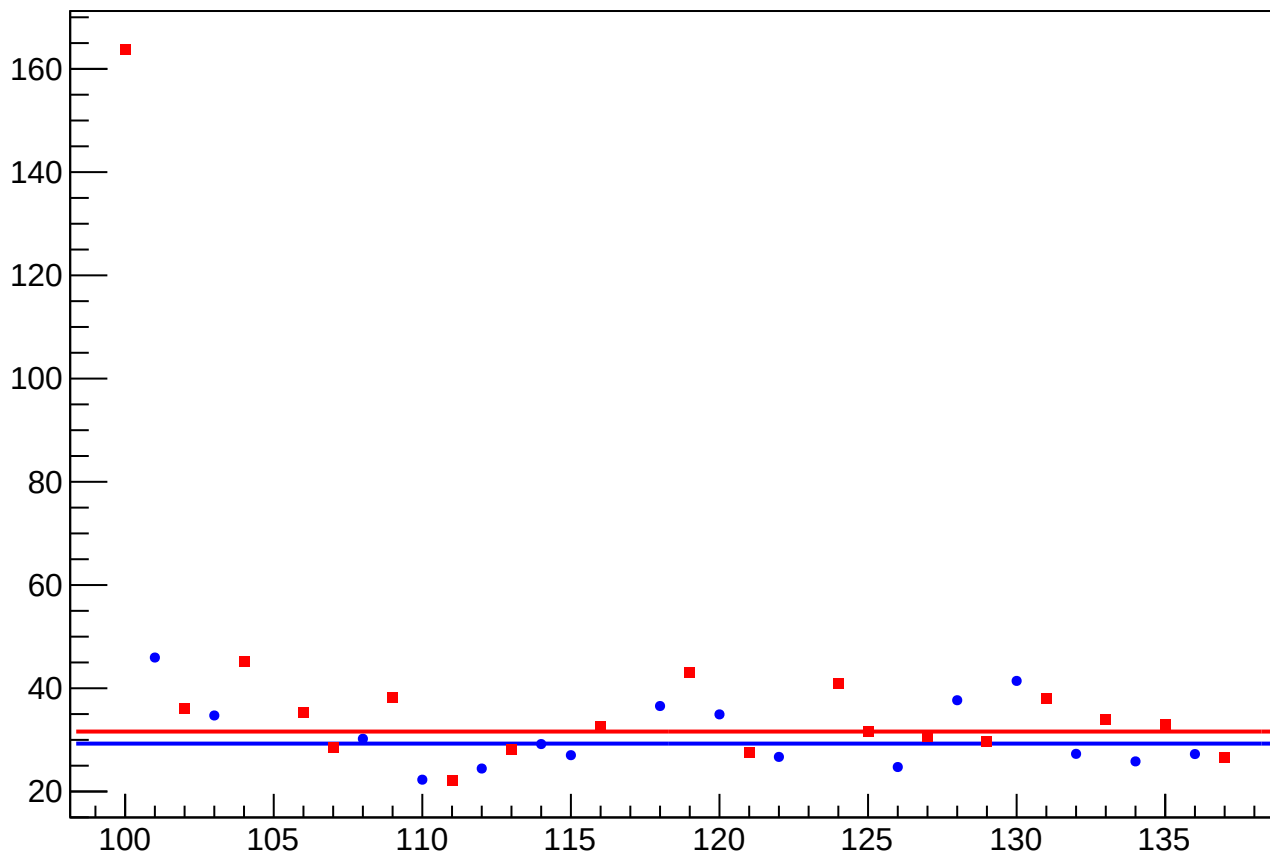
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/34

In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.008 χ^2/NDF : 35.7/34

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.278+/-0.008 χ^2/NDF : 560654.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.613+/-0.009 χ^2/NDF : 572190.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

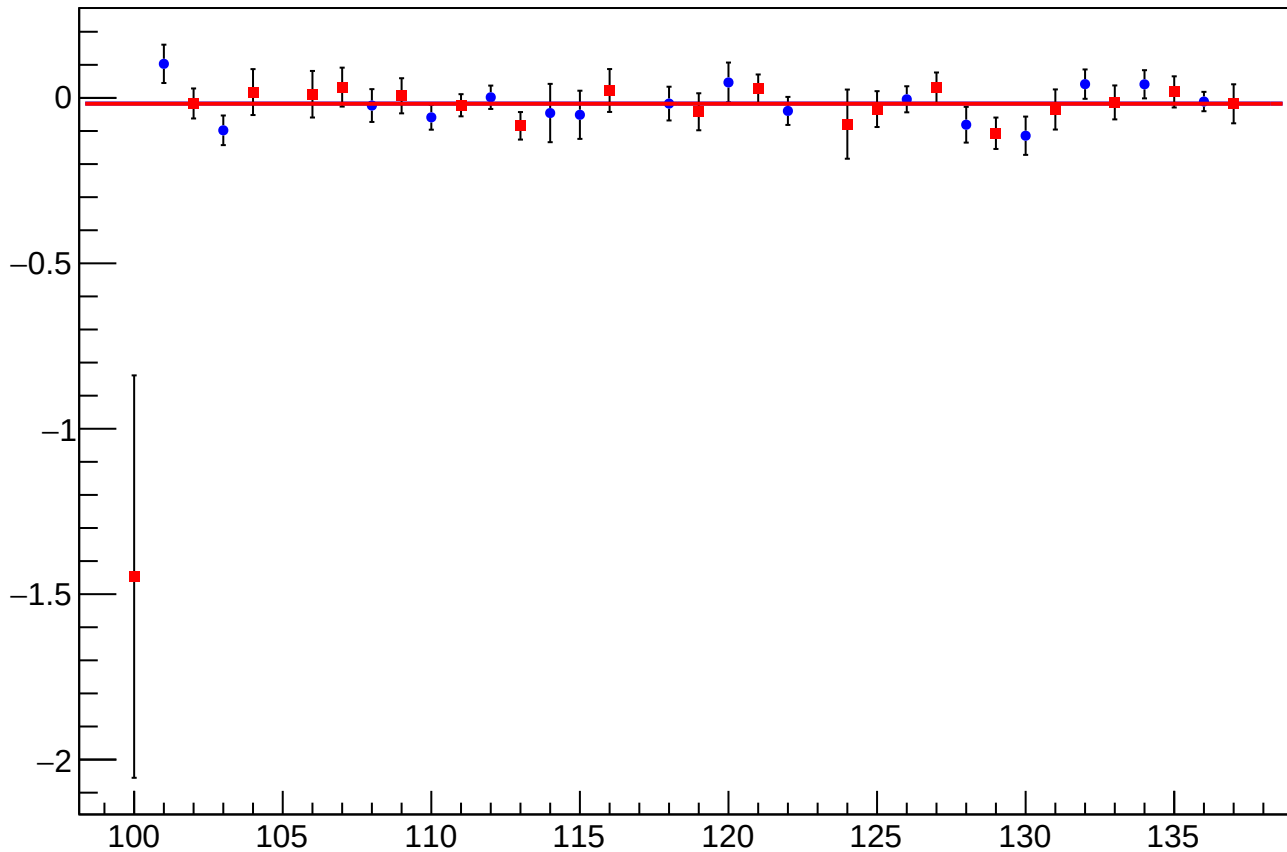
Right: 30.371+/-0.006 χ^2/NDF : 1172478.3/34

In: 29.278+/-0.008 χ^2/NDF : 560654.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.371+/-0.006 χ^2/NDF : 1172478.3/34

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.012 χ^2/NDF : 16.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

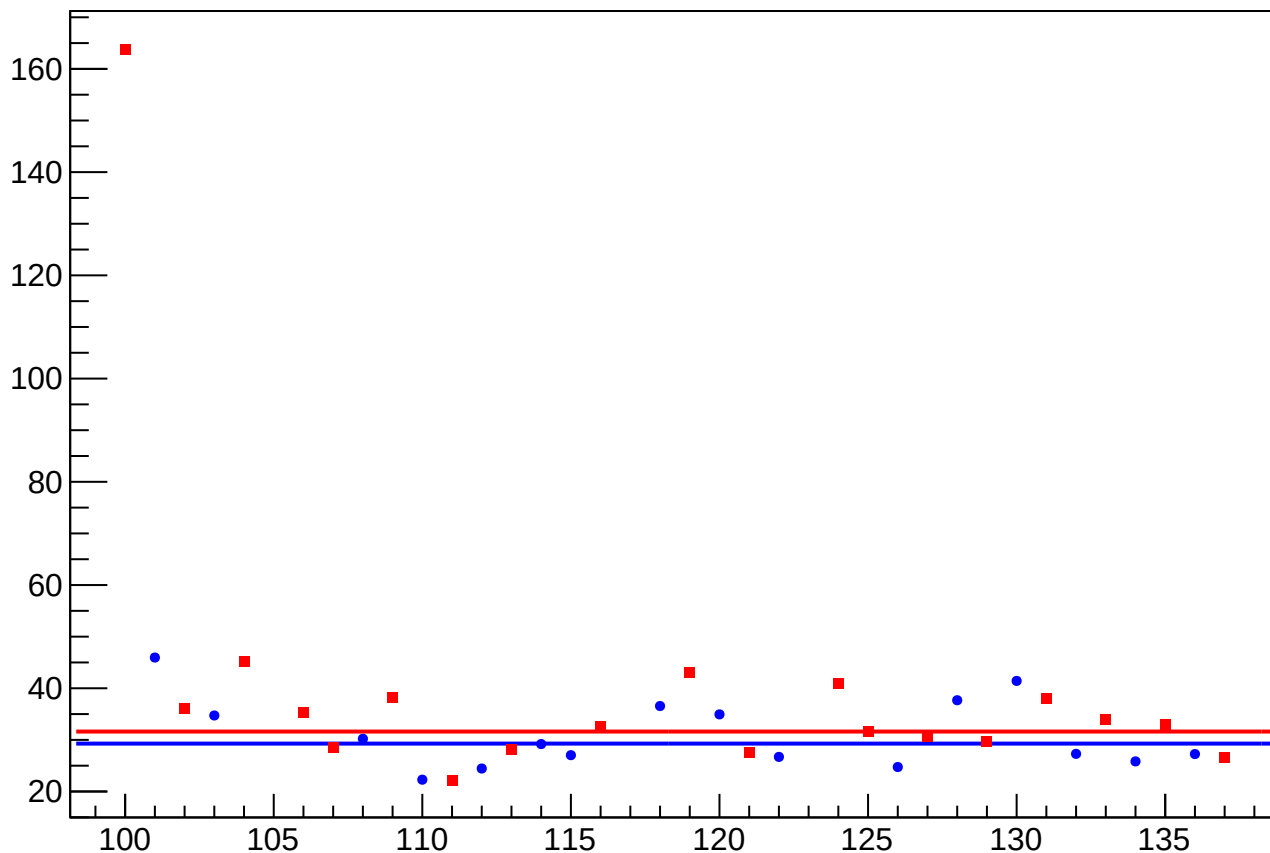
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/34

In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.008 χ^2/NDF : 35.7/34

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.278+/-0.008 χ^2/NDF : 560654.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.613+/-0.009 χ^2/NDF : 572190.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

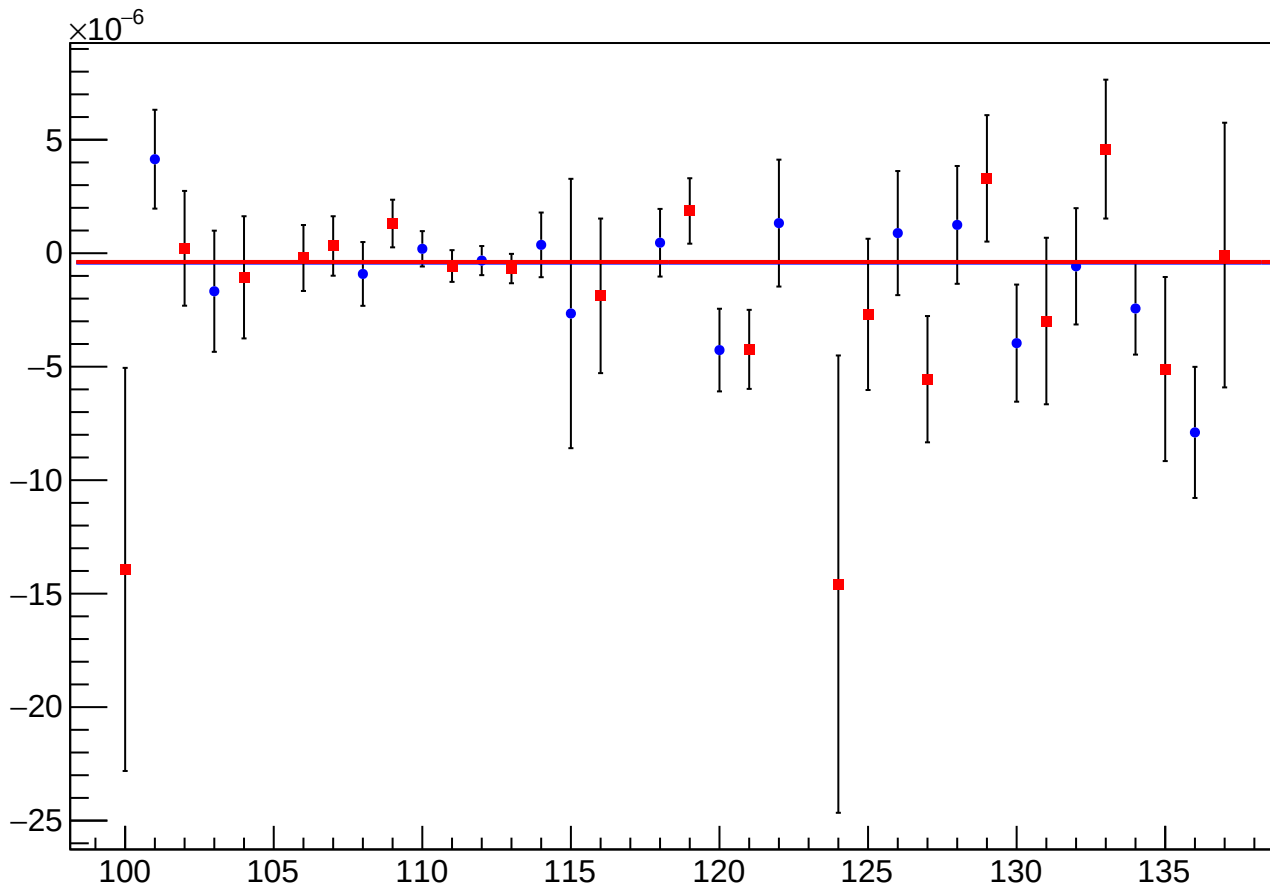
Right: 30.371+/-0.006 χ^2/NDF : 1172478.3/34

In: 29.278+/-0.008 χ^2/NDF : 560654.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.371+/-0.006 χ^2/NDF : 1172478.3/34

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 ± 0.000 χ^2/NDF : 21.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

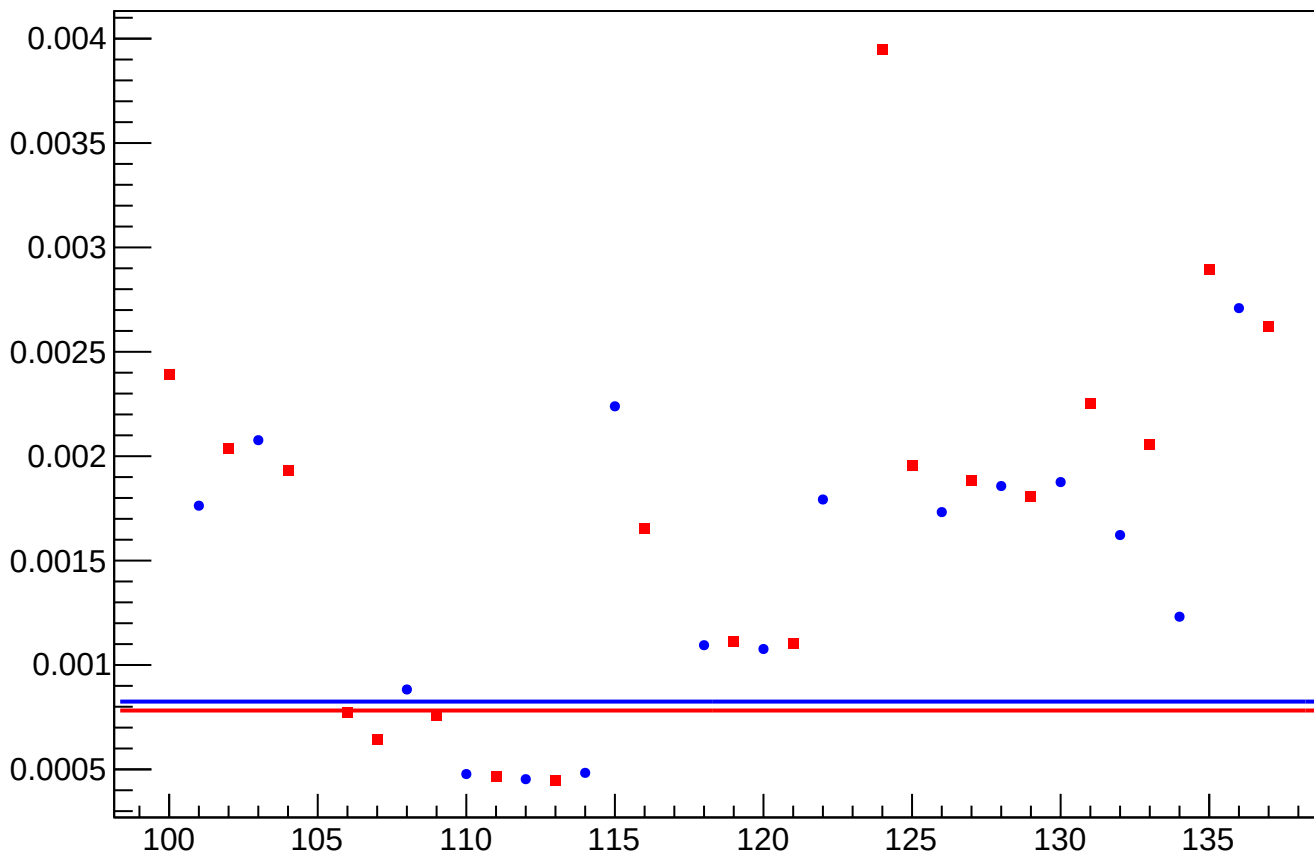
Right: -0.000 ± 0.000 χ^2/NDF : 46.5/34

In: -0.000 ± 0.000 χ^2/NDF : 21.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 46.5/34

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 4448725.9/15

Left Out: 0.000+/-0.000

χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 4638419.3/18

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 9101271.0/34

In: 0.001+/-0.000

χ^2/NDF :4448725.9/15

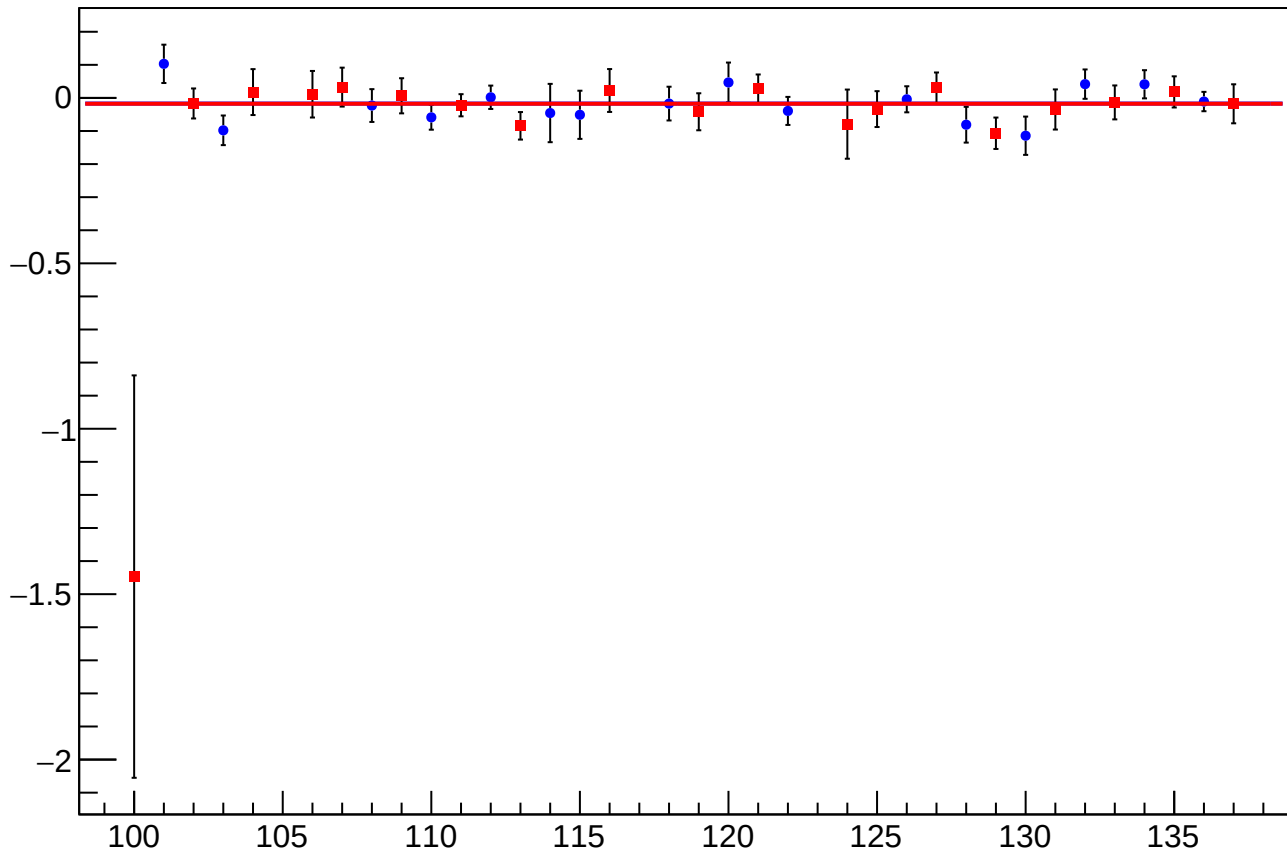
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.001+/-0.000

χ^2/NDF : 9101271.0/34

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.012 χ^2/NDF : 16.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

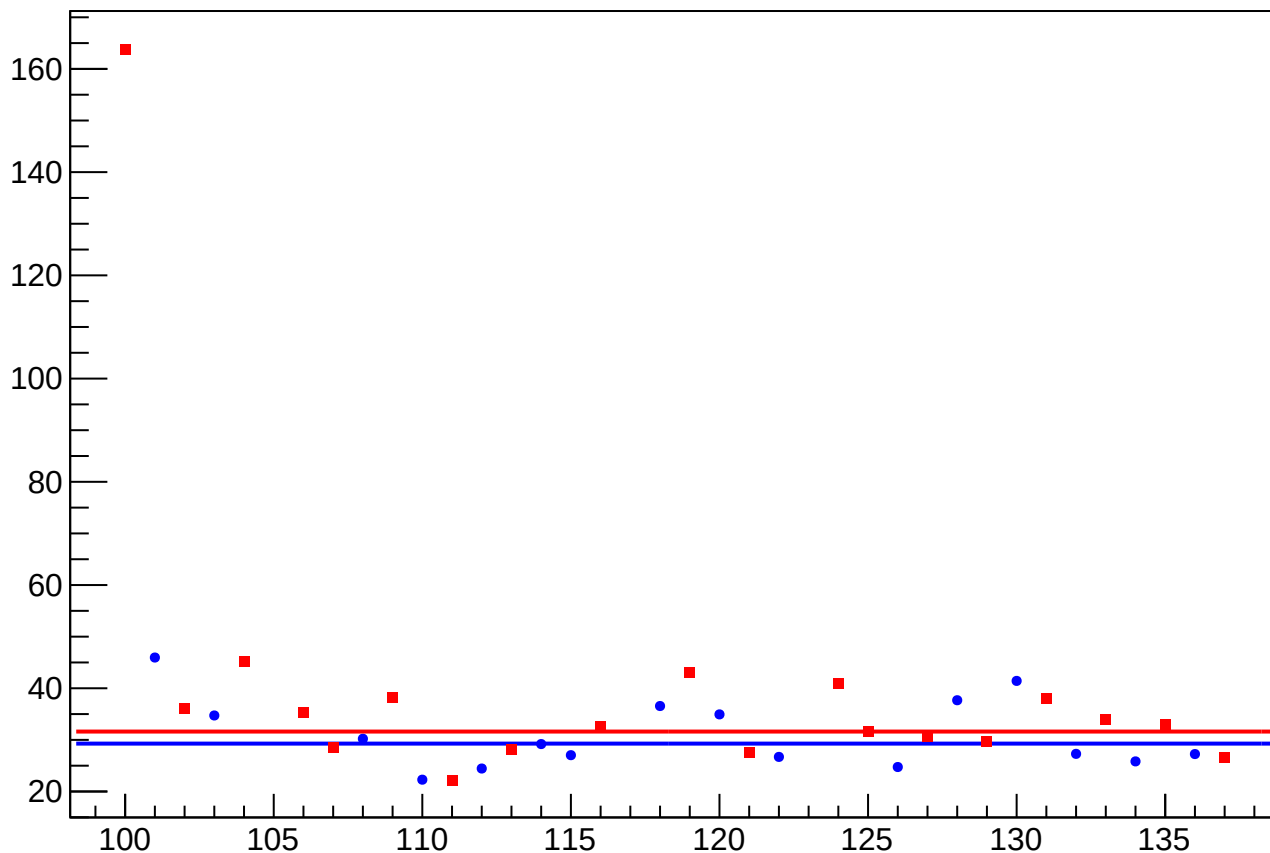
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/34

In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.008 χ^2/NDF : 35.7/34

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.614+/-0.009 χ^2/NDF : 572187.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

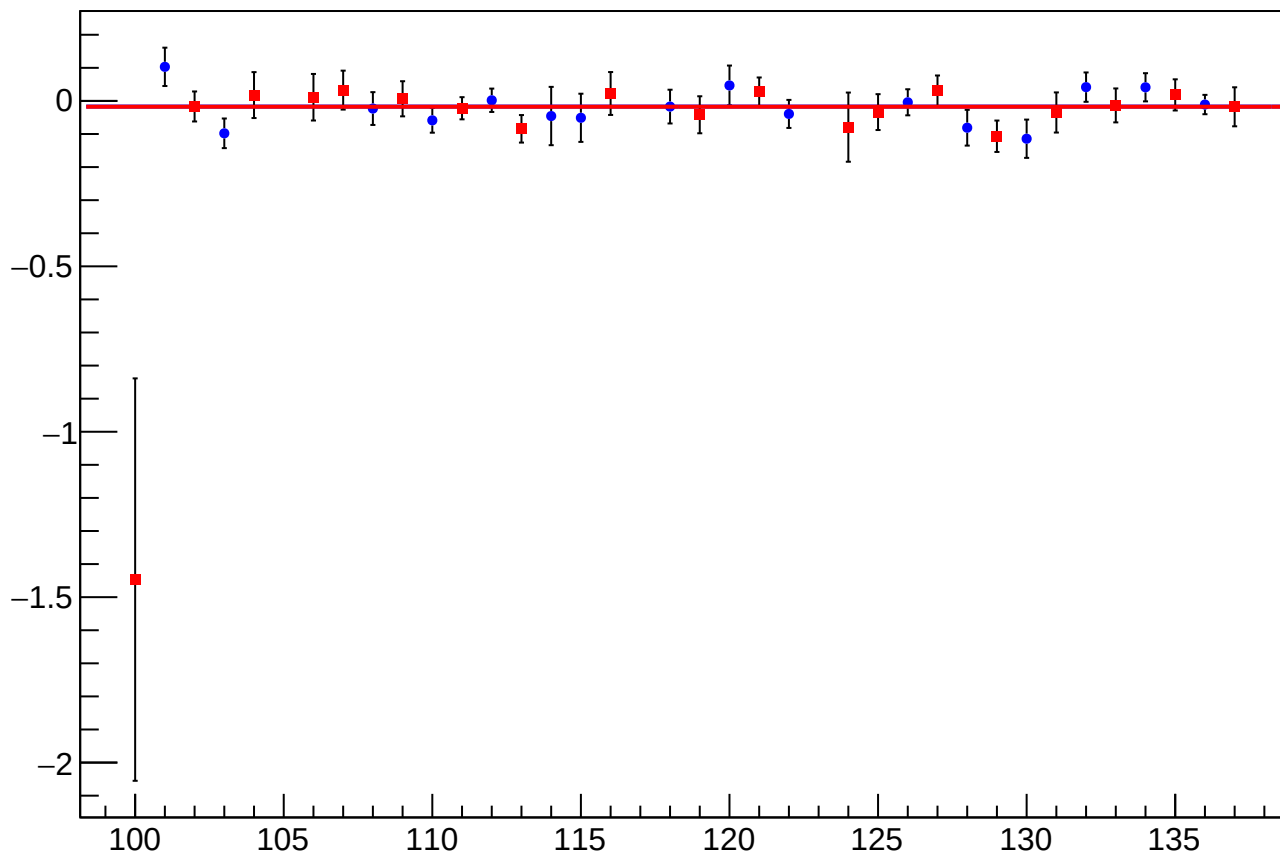
Right: 30.371+/-0.006 χ^2/NDF : 1172478.0/34

In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.371+/-0.006 χ^2/NDF : 1172478.0/34

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.012 χ^2/NDF : 16.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

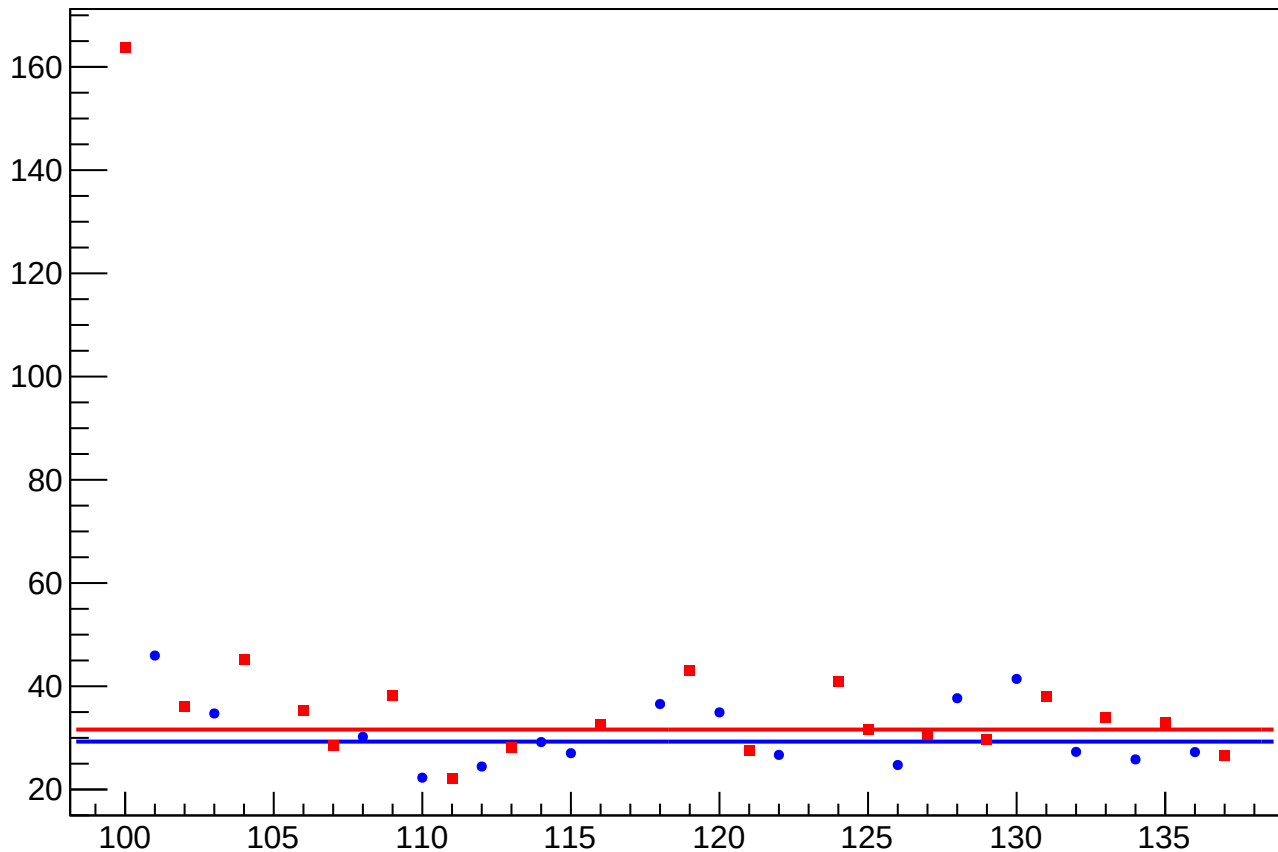
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/34

In: -0.017 ± 0.011 χ^2/NDF : 18.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.017 ± 0.008 χ^2/NDF : 35.7/34

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.614+/-0.009 χ^2/NDF : 572187.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

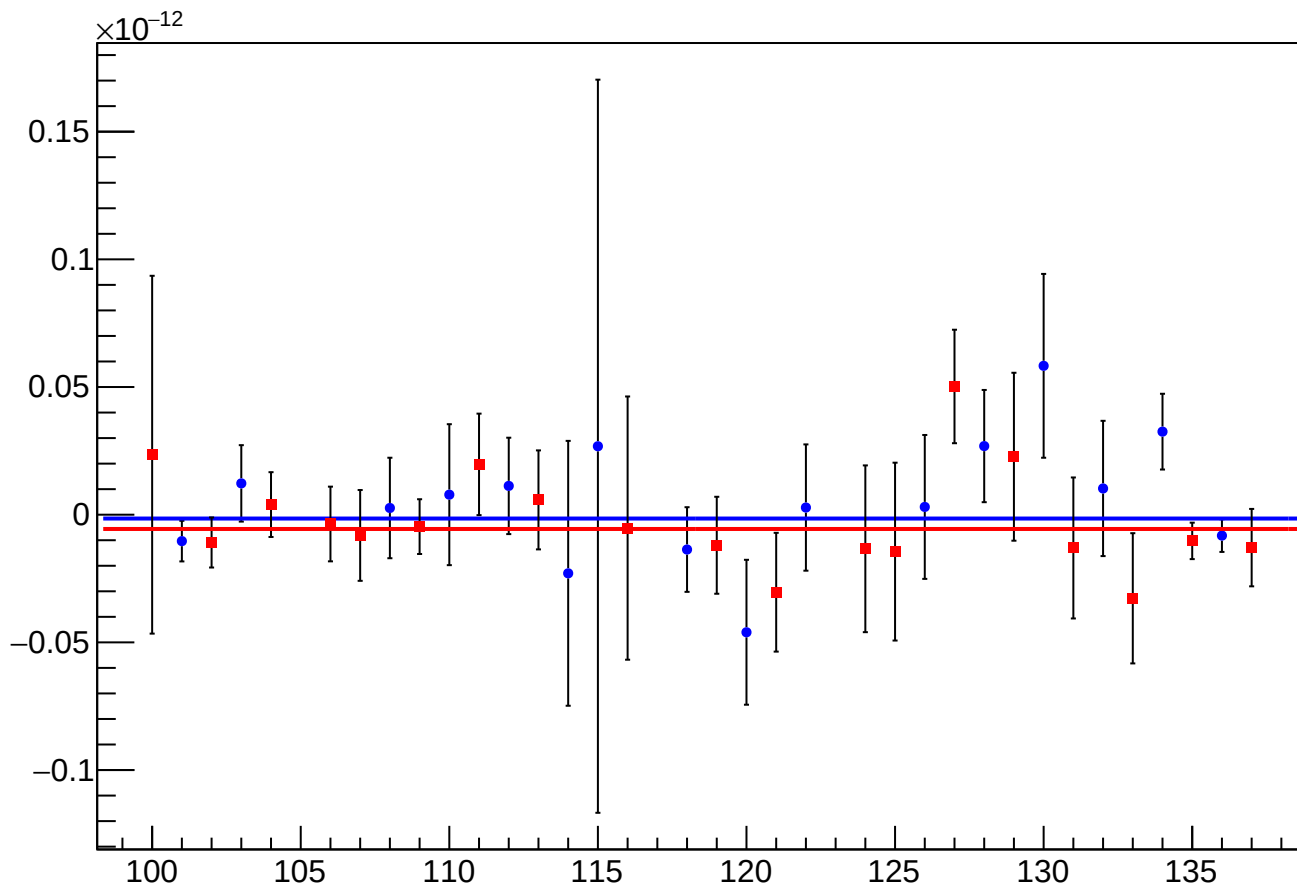
Right: 30.371+/-0.006 χ^2/NDF : 1172478.0/34

In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.371+/-0.006 χ^2/NDF : 1172478.0/34

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

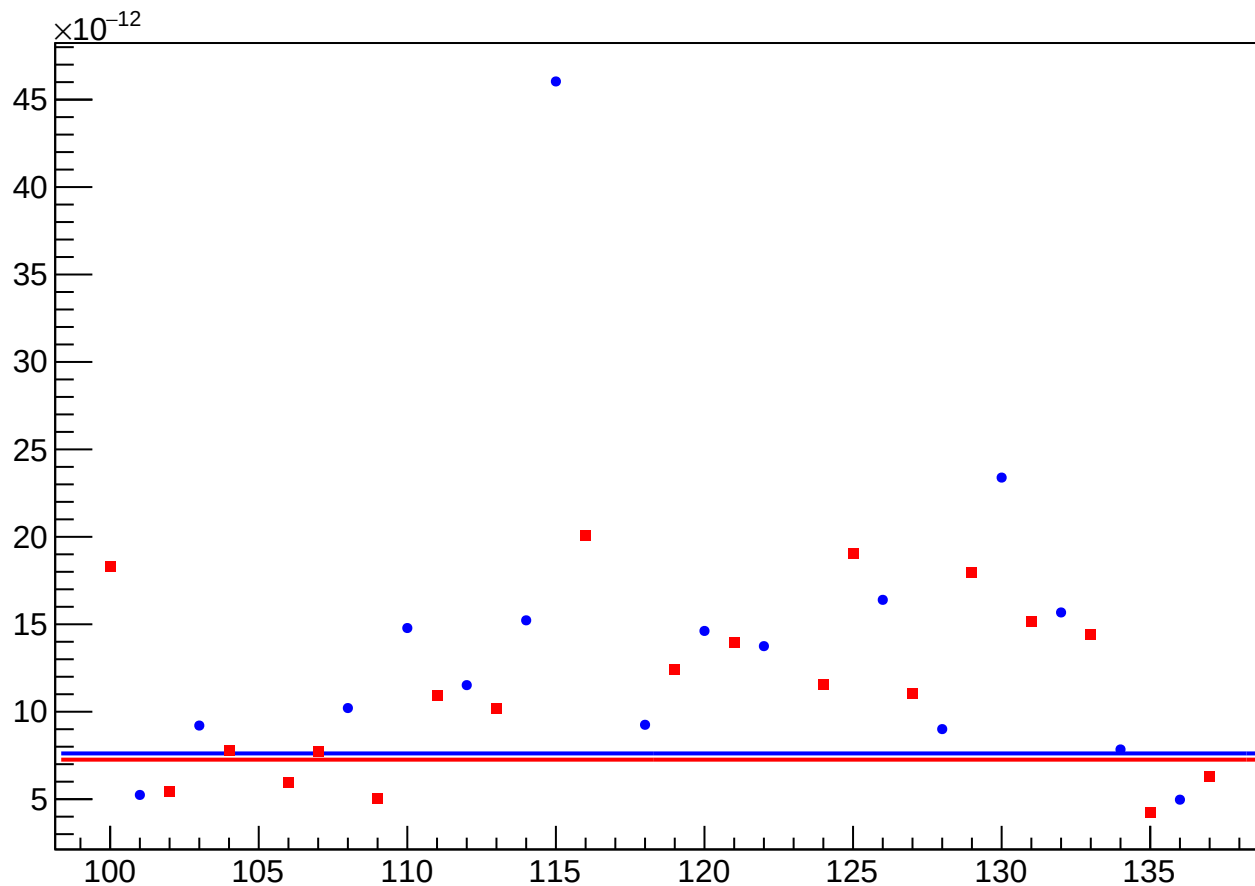
Right: -0.000+/-0.000 χ^2/NDF : 30.9/34

In: -0.000+/-0.000 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.9/34

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2021305.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1998231.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

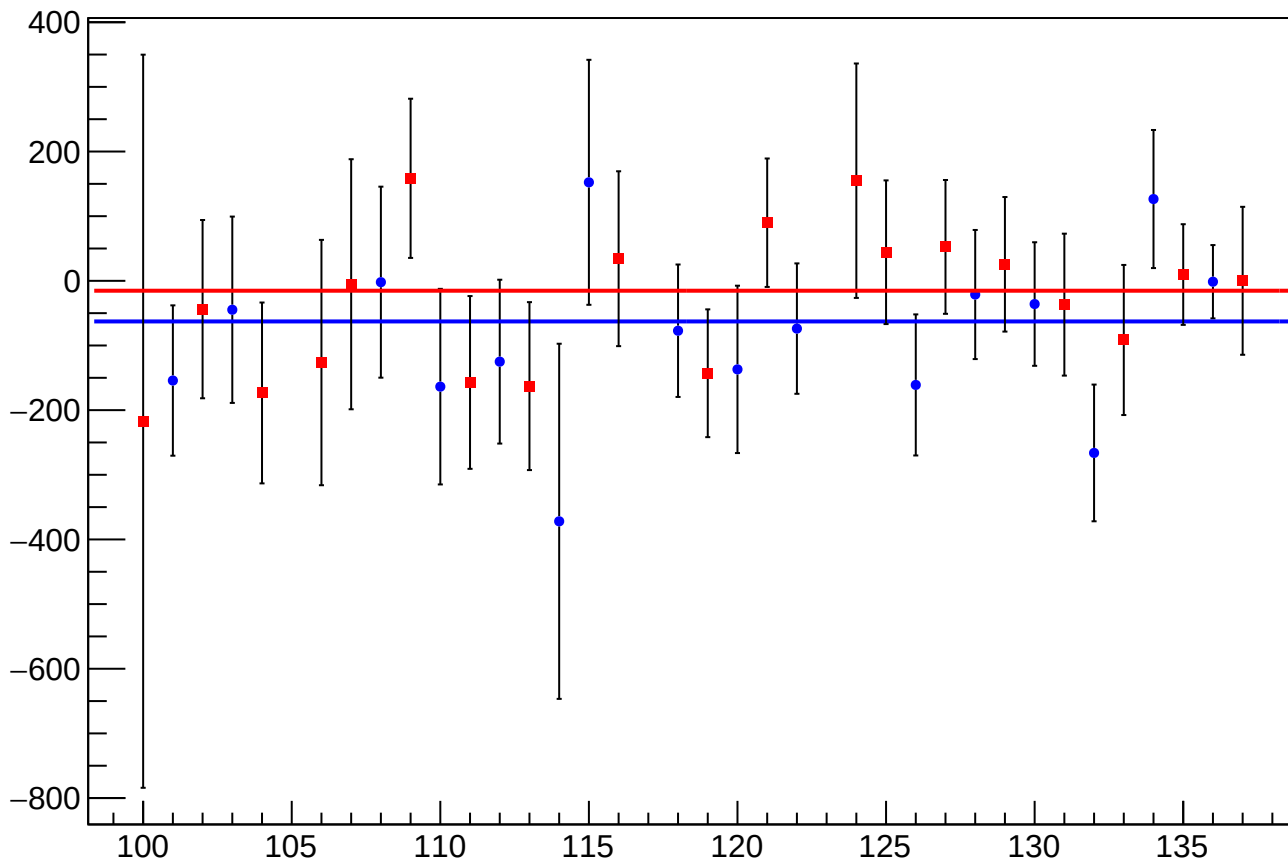
Right: 0.000+/-0.000 χ^2/NDF : 4028618.6/34

In: 0.000+/-0.000 χ^2/NDF : 2021305.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4028618.6/34

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -62.798 $\pm$ 27.213 χ^2 /NDF: 13.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.288 $\pm$ 27.770 χ^2 /NDF: 11.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

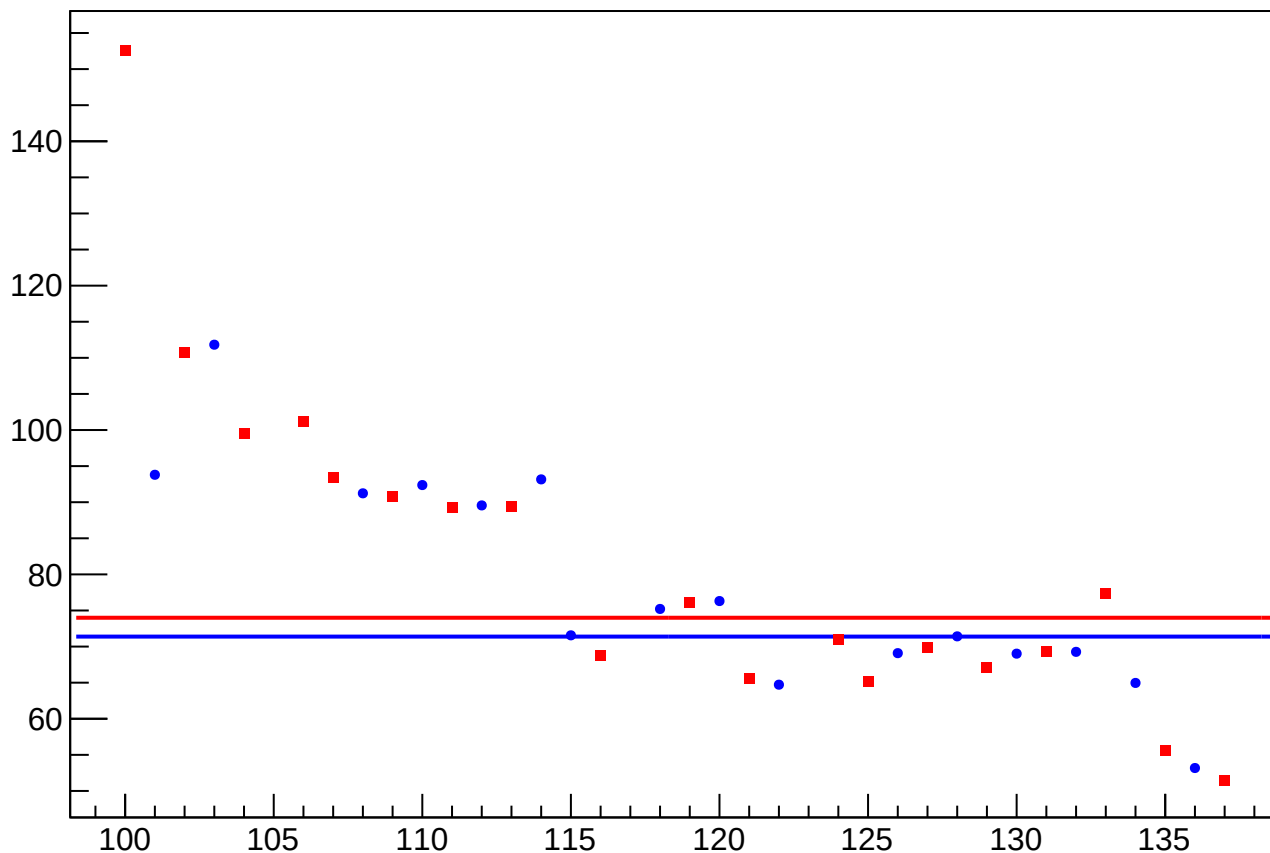
Right: -39.524 $\pm$ 19.436 χ^2 /NDF: 26.4/34

In: -62.798 $\pm$ 27.213 χ^2 /NDF:13.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.524 $\pm$ 19.436 χ^2 /NDF: 26.4/34

reg_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 71.383+/-0.019 χ^2/NDF : 590909.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.994+/-0.020 χ^2/NDF : 638445.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

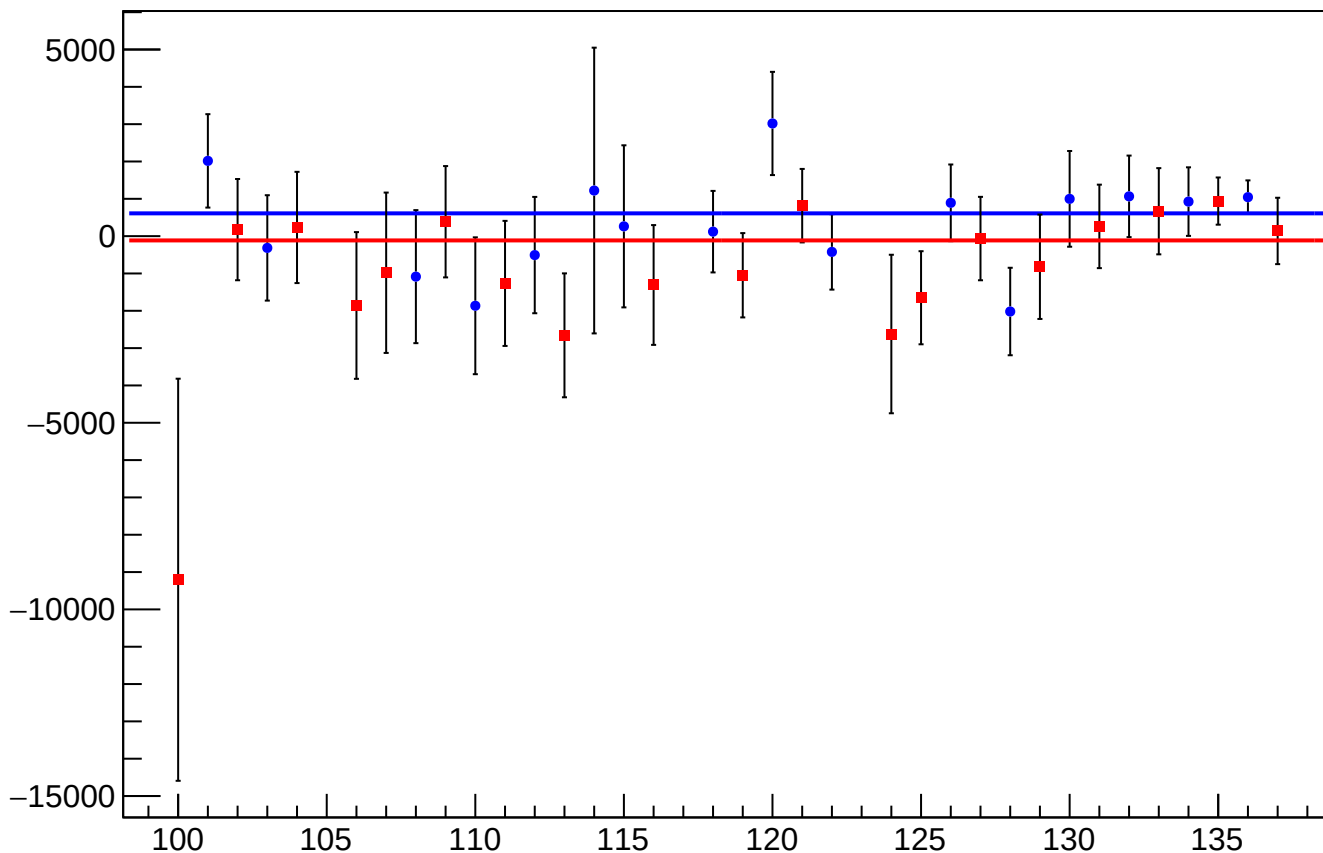
Right: 72.662+/-0.014 χ^2/NDF : 1238370.4/34

In: 71.383+/-0.019 χ^2/NDF : 590909.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.662+/-0.014 χ^2/NDF : 1238370.4/34

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 610.561 $\pm$ 266.802 χ^2 /NDF: 15.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -114.633 $\pm$ 284.312 χ^2 /NDF: 15.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

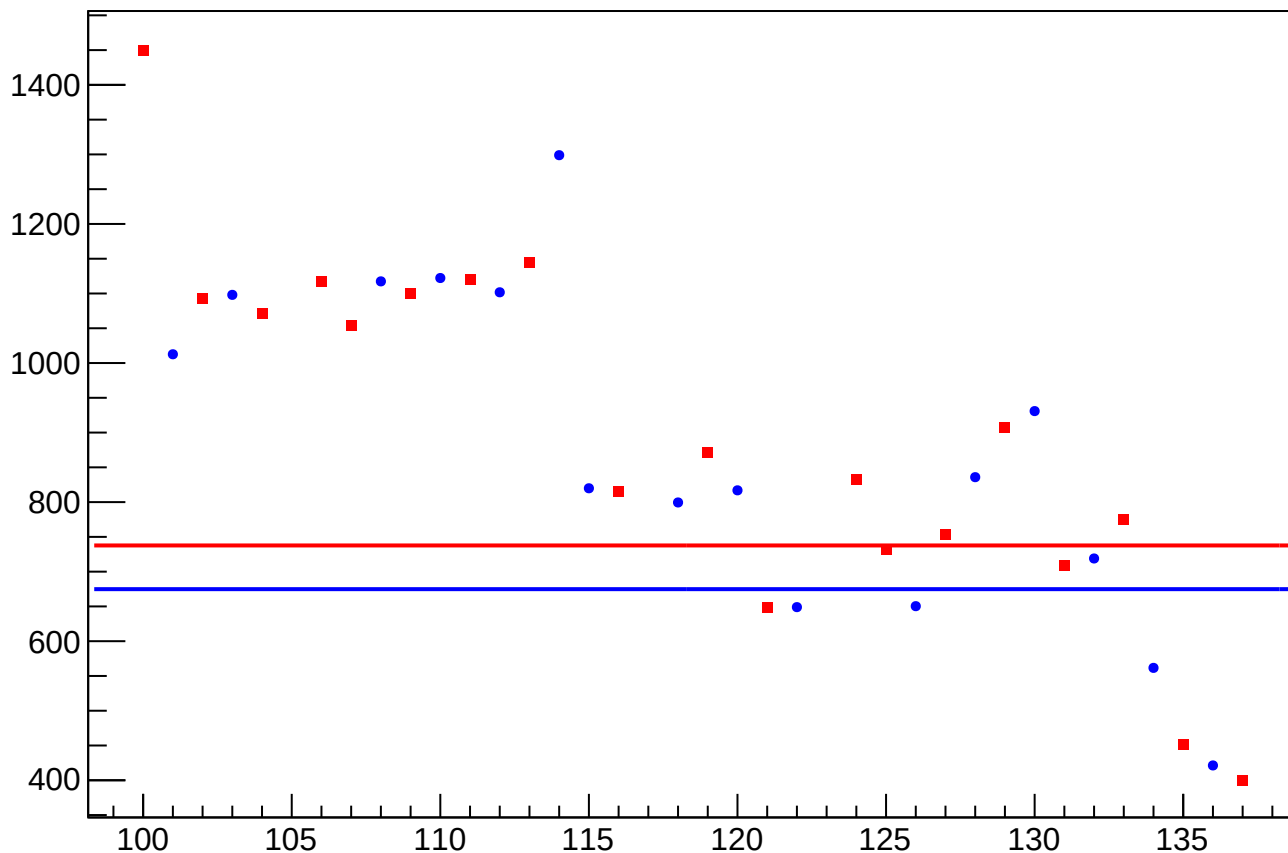
Right: 270.981 $\pm$ 194.553 χ^2 /NDF: 34.7/34

In: 610.561 $\pm$ 266.802 χ^2 /NDF:15.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 270.981 $\pm$ 194.553 χ^2 /NDF: 34.7/34

asym_sam_15_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 674.830+/-0.189 χ^2/NDF : 1617598.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 737.674+/-0.201 χ^2/NDF : 1516748.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

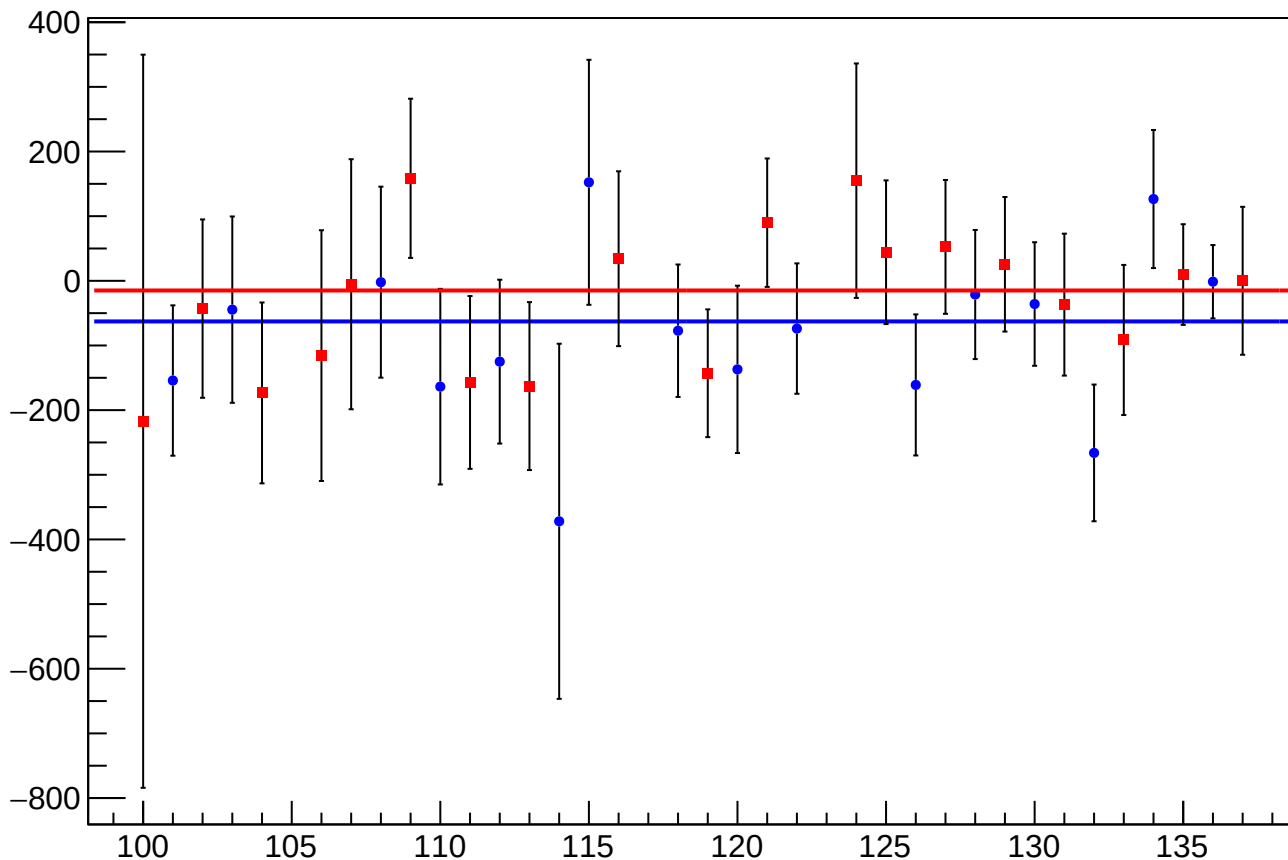
Right: 704.257+/-0.138 χ^2/NDF : 3186306.4/34

In: 674.830+/-0.189 χ^2/NDF : 1617598.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 704.257+/-0.138 χ^2/NDF : 3186306.4/34

cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -62.789 $\pm$ 27.213 χ^2 /NDF: 13.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.932 $\pm$ 27.783 χ^2 /NDF: 11.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

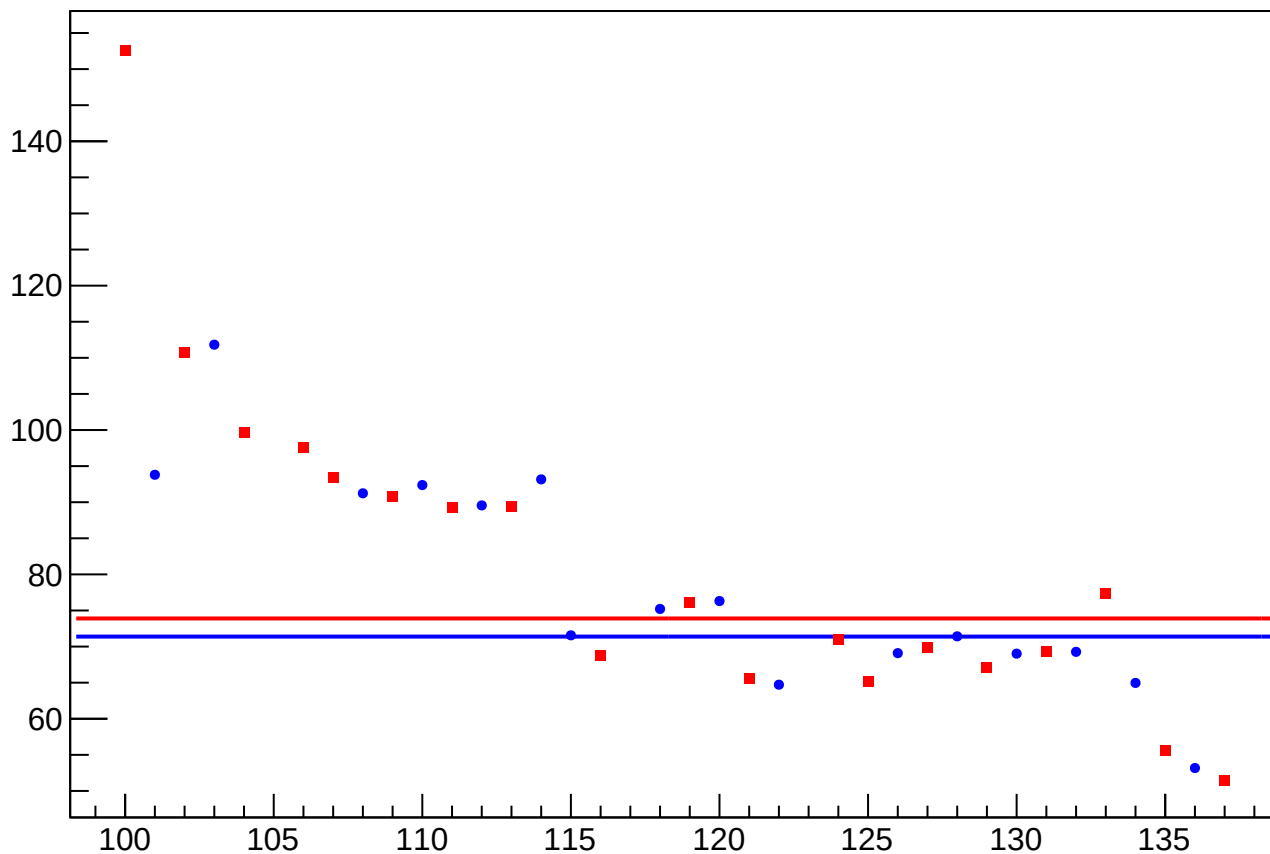
Right: -39.357 $\pm$ 19.441 χ^2 /NDF: 26.4/34

In: -62.789 $\pm$ 27.213 χ^2 /NDF:13.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.357 $\pm$ 19.441 χ^2 /NDF: 26.4/34

cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.894+/-0.020 χ^2/NDF : 627014.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

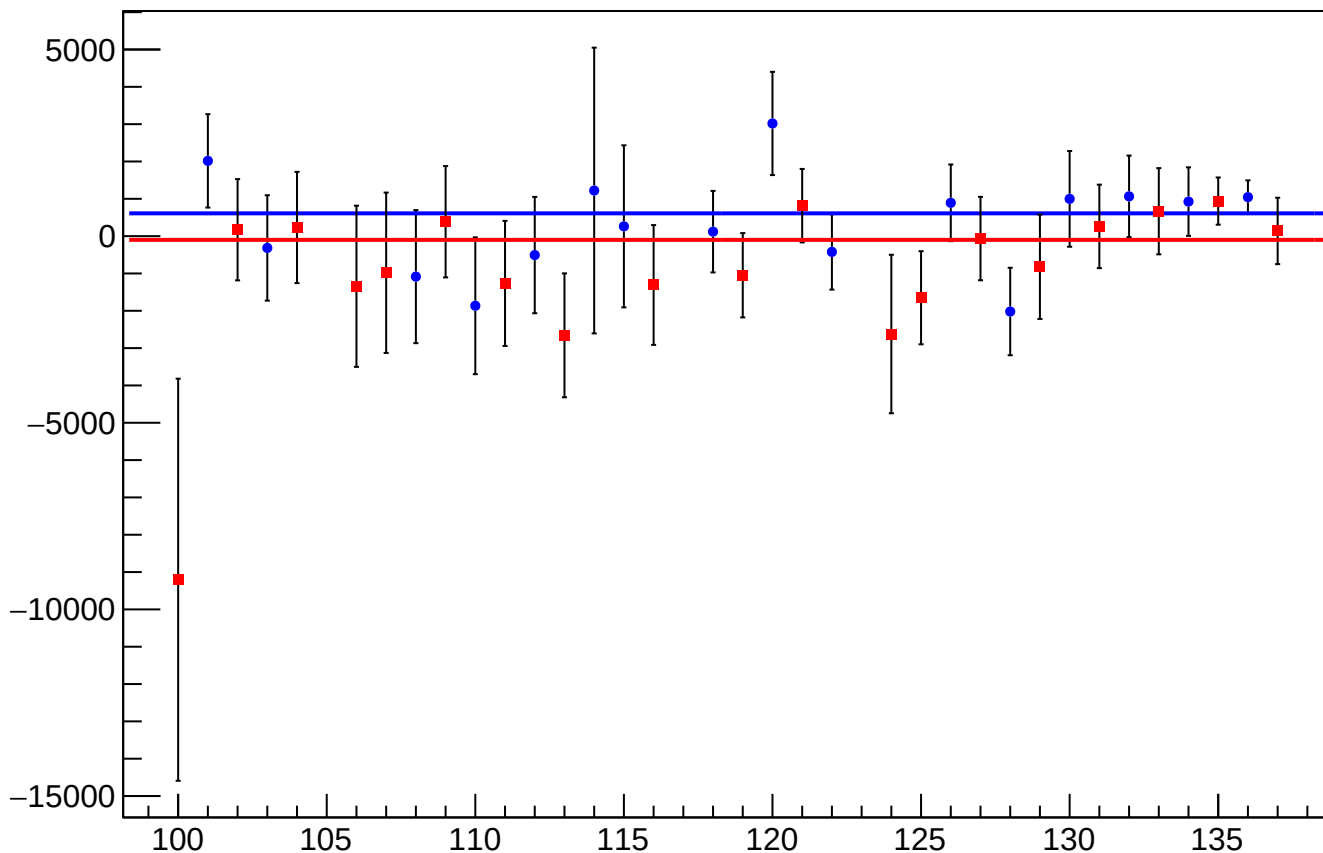
Right: 72.613+/-0.014 χ^2/NDF : 1226261.8/34

In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.613+/-0.014 χ^2/NDF : 1226261.8/34

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 610.549+/-266.803 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.555+/-284.831 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

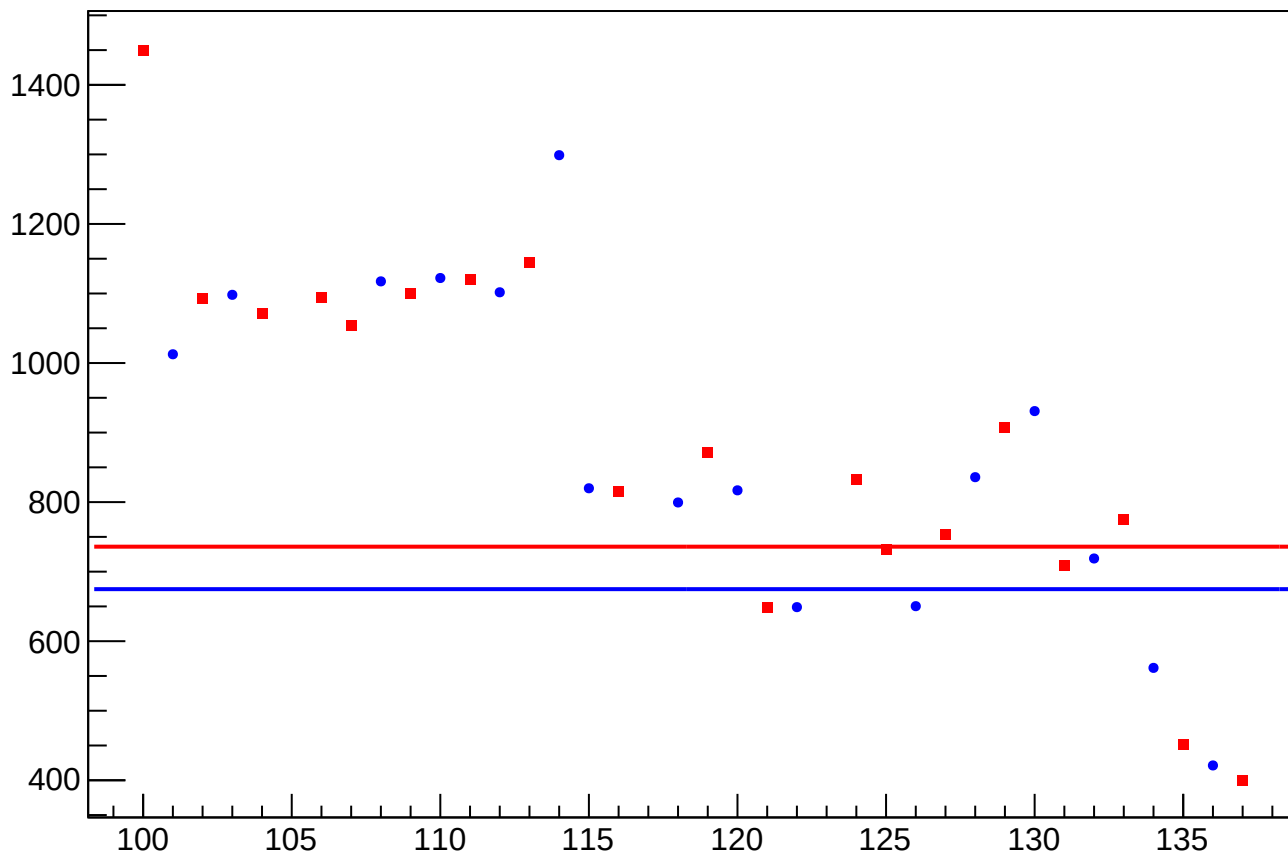
Right: 278.680+/-194.720 χ^2/NDF : 34.1/34

In: 610.549+/-266.803 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.680+/-194.720 χ^2/NDF : 34.1/34

asym_sam_15_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 735.919+/-0.201 χ^2/NDF : 1496977.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

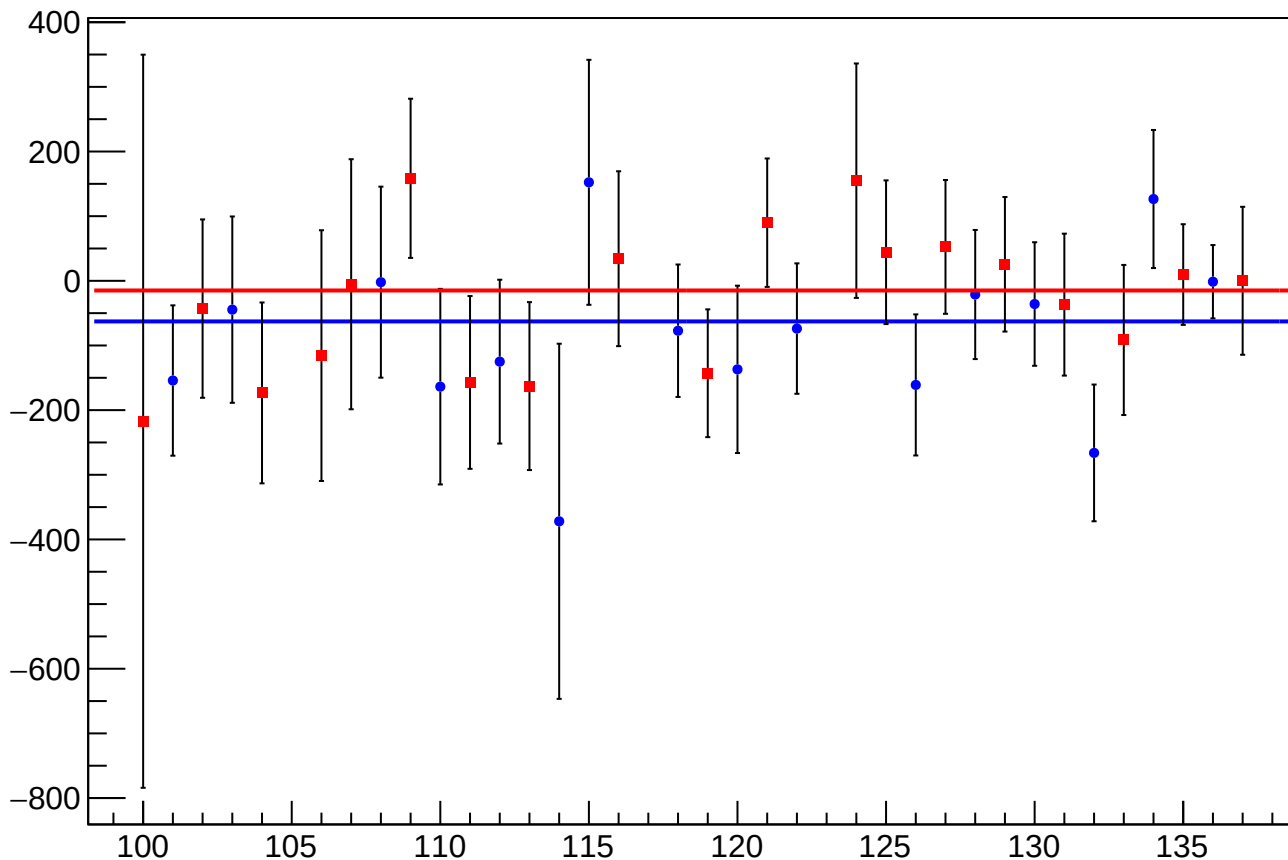
Right: 703.381+/-0.138 χ^2/NDF : 3163603.4/34

In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.381+/-0.138 χ^2/NDF : 3163603.4/34

eigen_cor_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -62.789 $\pm$ 27.213 χ^2 /NDF: 13.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -14.932 $\pm$ 27.783 χ^2 /NDF: 11.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

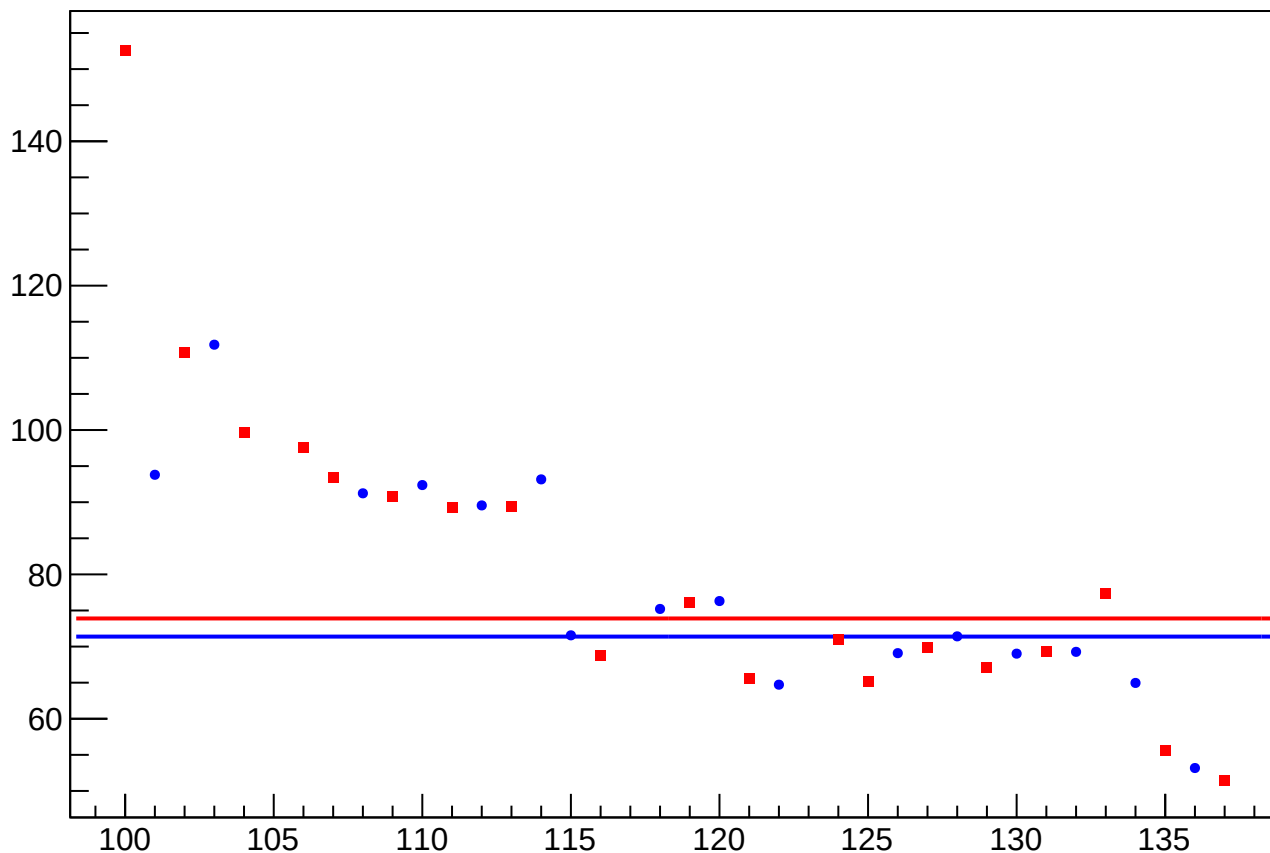
Right: -39.357 $\pm$ 19.441 χ^2 /NDF: 26.4/34

In: -62.789 $\pm$ 27.213 χ^2 /NDF:13.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -39.357 $\pm$ 19.441 χ^2 /NDF: 26.4/34

eigen_cor_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 73.894+/-0.020 χ^2/NDF : 627014.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

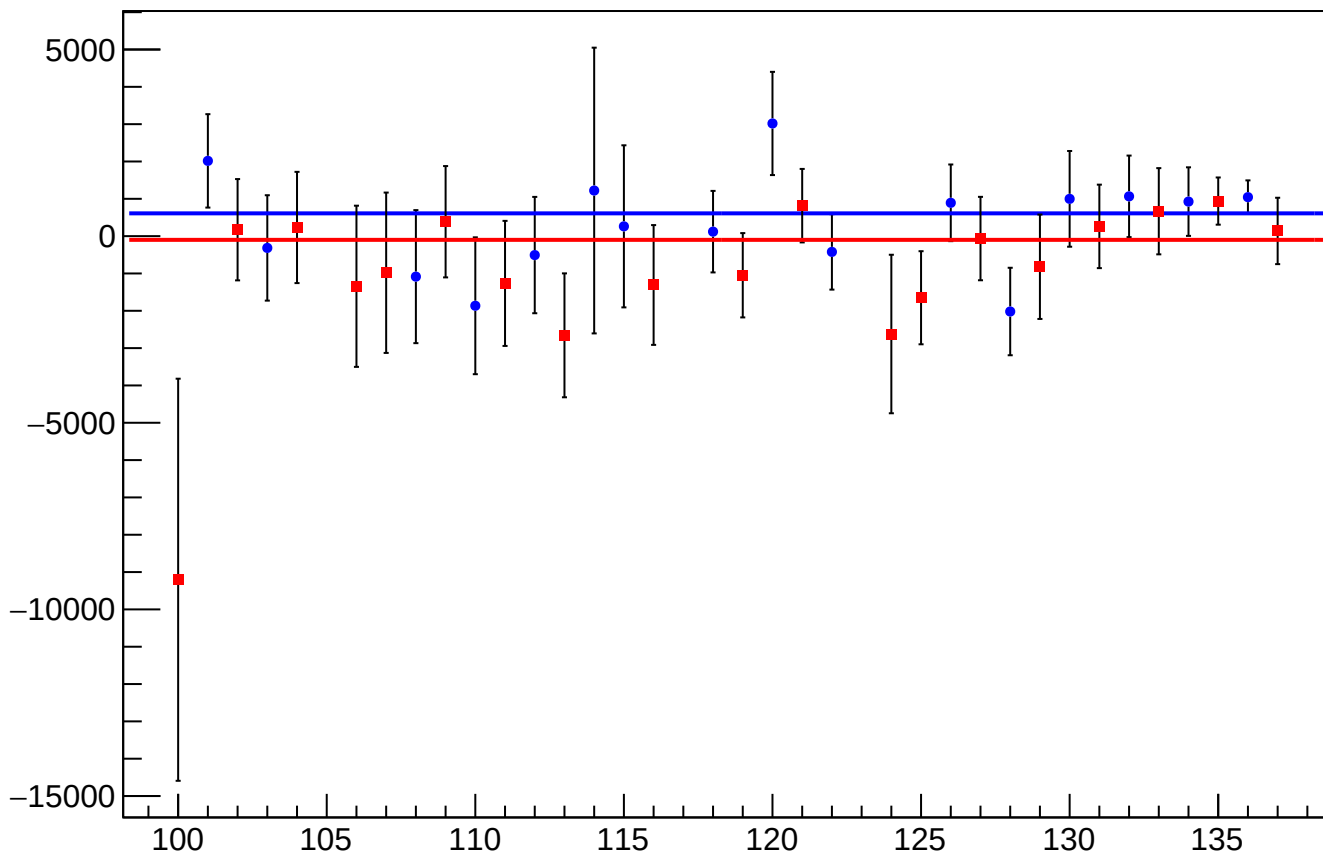
Right: 72.613+/-0.014 χ^2/NDF : 1226261.8/34

In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.613+/-0.014 χ^2/NDF : 1226261.8/34

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 610.549+/-266.803 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -99.555+/-284.831 χ^2/NDF : 15.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

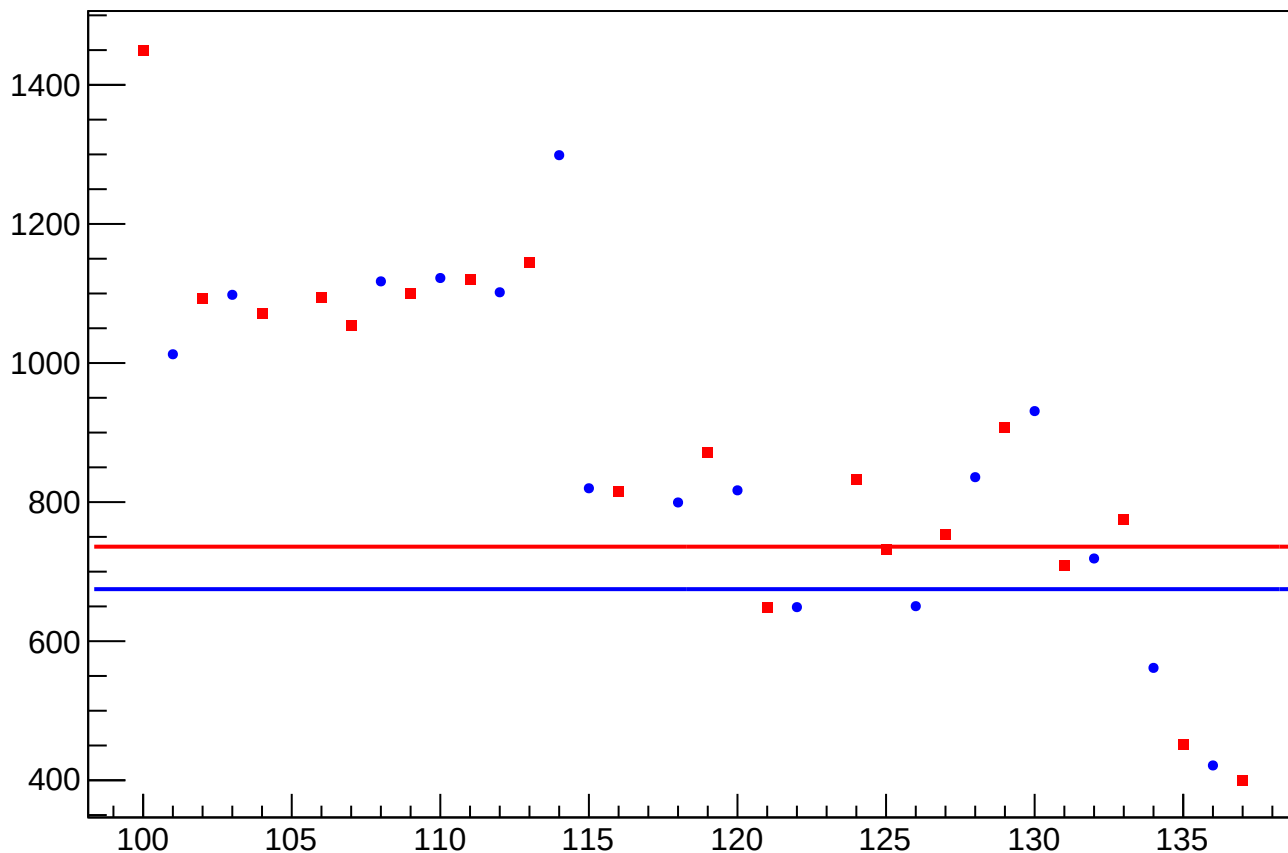
Right: 278.680+/-194.720 χ^2/NDF : 34.1/34

In: 610.549+/-266.803 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 278.680+/-194.720 χ^2/NDF : 34.1/34

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 735.919+/-0.201 χ^2/NDF : 1496977.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

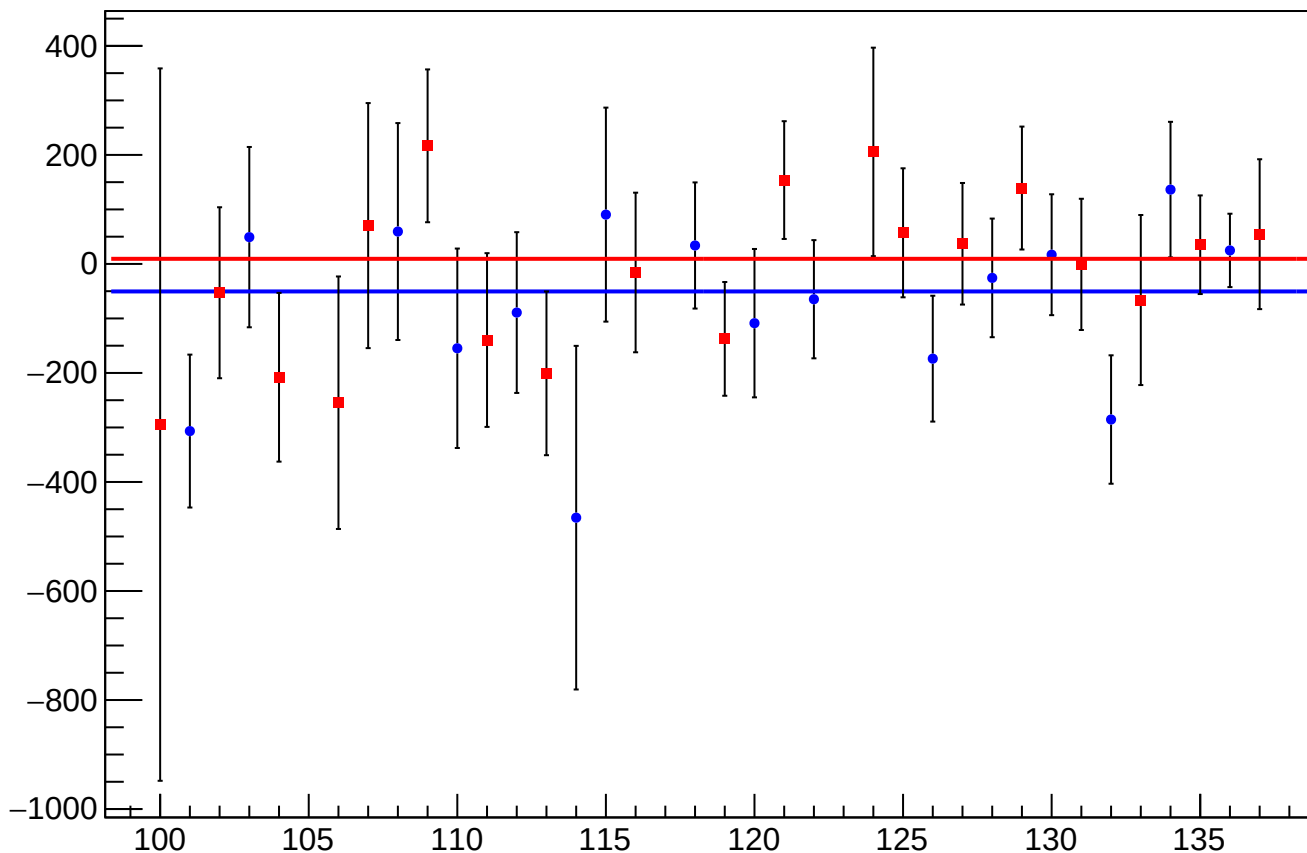
Right: 703.381+/-0.138 χ^2/NDF : 3163603.4/34

In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 703.381+/-0.138 χ^2/NDF : 3163603.4/34

dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -50.465 ± 31.061 χ^2/NDF : 16.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.380 ± 31.235 χ^2/NDF : 15.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

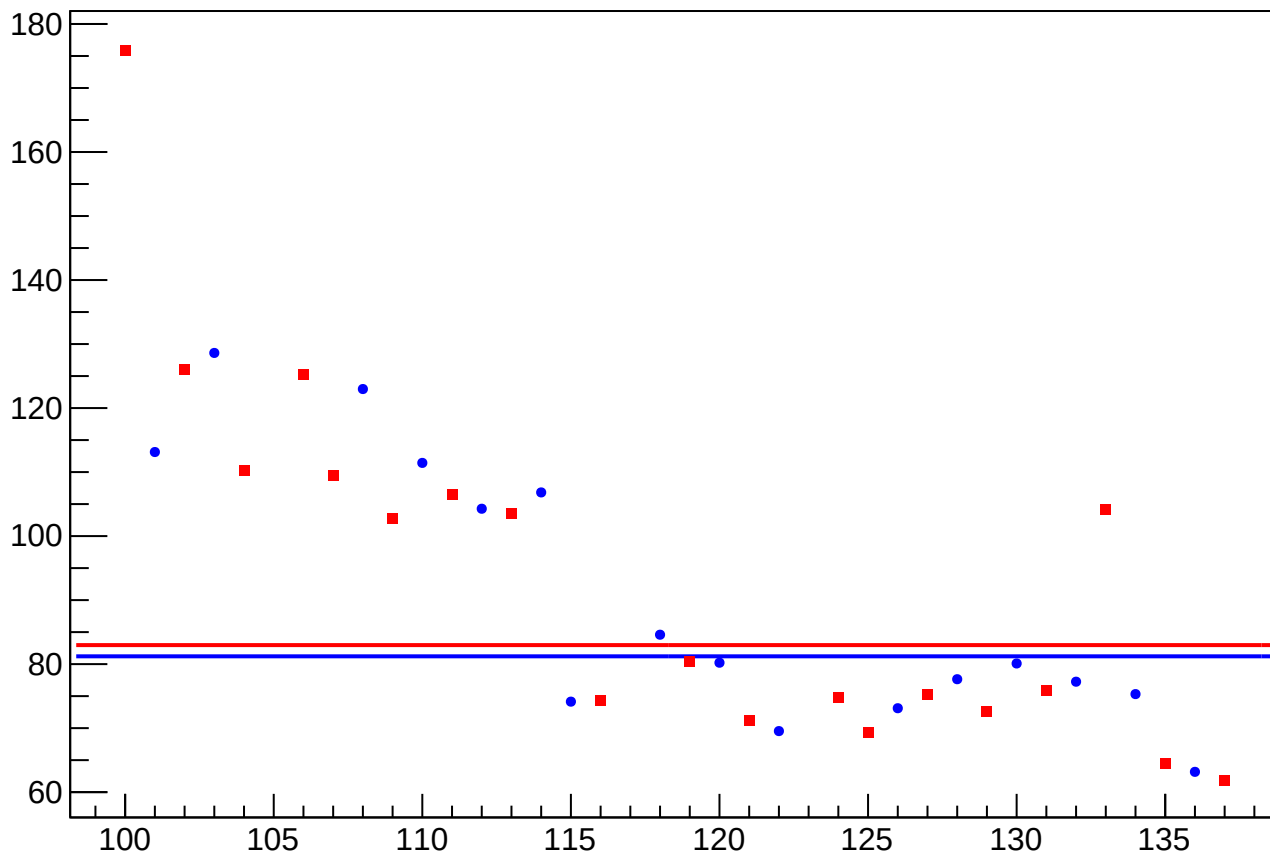
Right: -20.709 ± 22.025 χ^2/NDF : 33.8/34

In: -50.465 ± 31.061 χ^2/NDF : 16.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.709 ± 22.025 χ^2/NDF : 33.8/34

dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.218+/-0.022 χ^2/NDF : 662873.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.971+/-0.022 χ^2/NDF : 730384.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

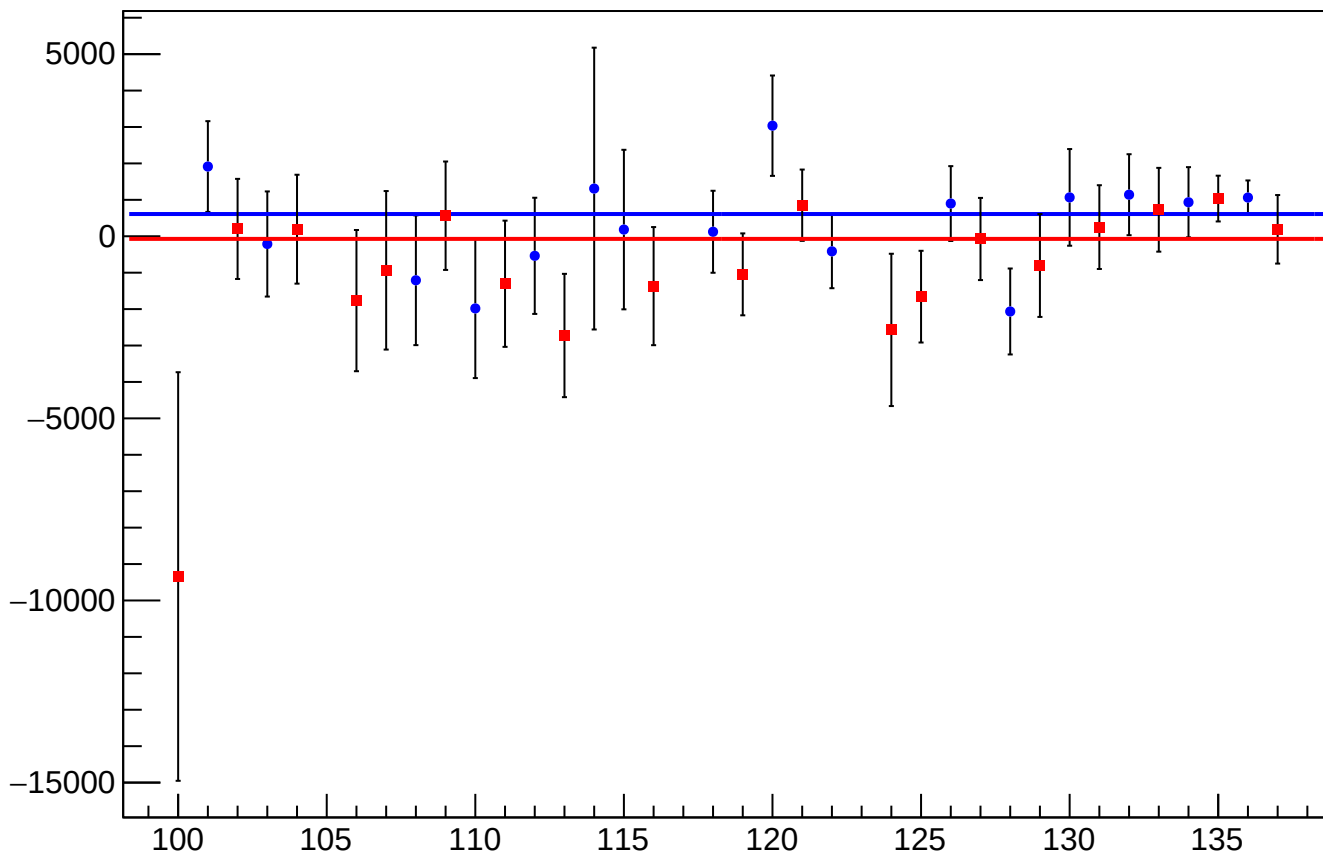
Right: 82.090+/-0.016 χ^2/NDF : 1396425.1/34

In: 81.218+/-0.022 χ^2/NDF : 662873.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.090+/-0.016 χ^2/NDF : 1396425.1/34

asym_sam_15_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 610.383 $\pm$ 273.982 χ^2 /NDF: 15.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.311 $\pm$ 286.830 χ^2 /NDF: 16.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

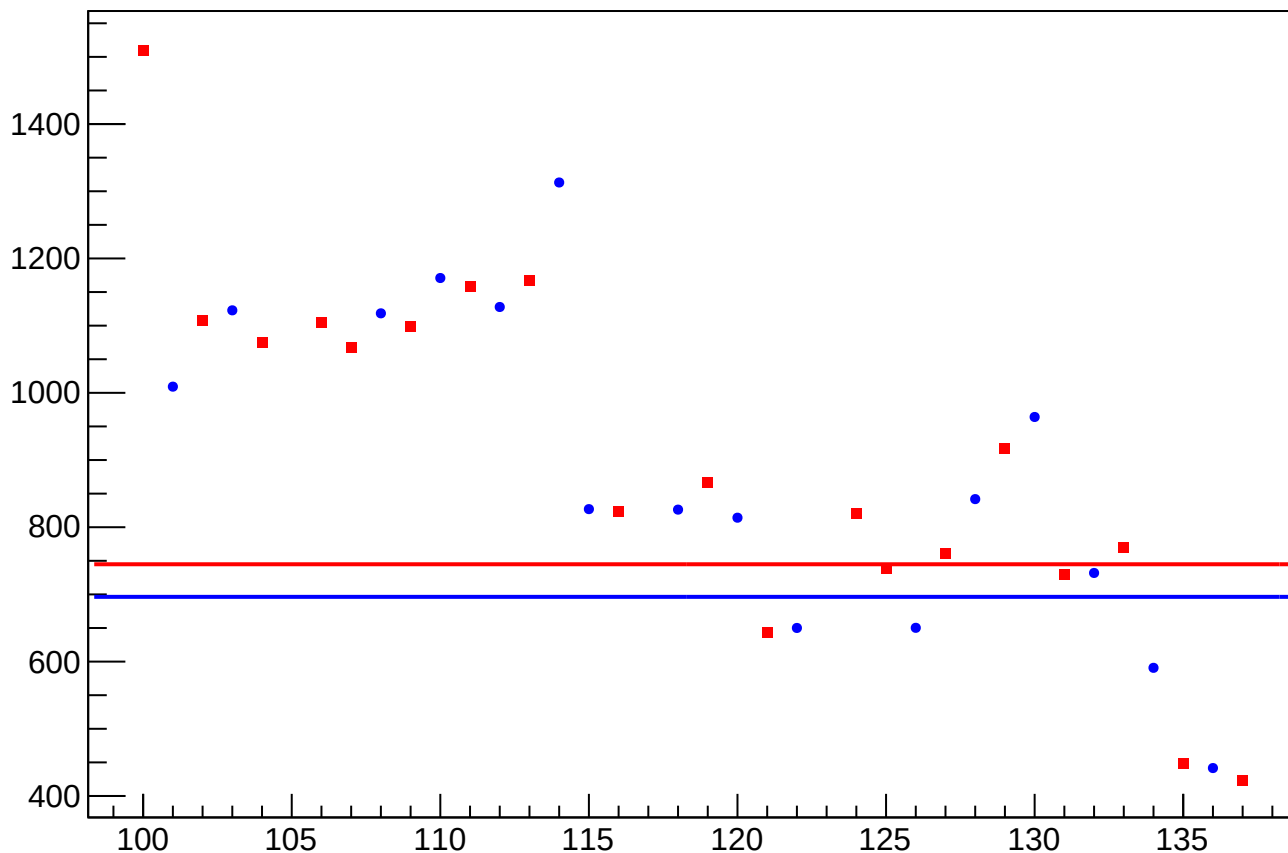
Right: 284.669 $\pm$ 198.121 χ^2 /NDF: 34.9/34

In: 610.383 $\pm$ 273.982 χ^2 /NDF:15.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 284.669 $\pm$ 198.121 χ^2 /NDF: 34.9/34

asym_sam_15_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 696.371+/-0.194 χ^2/NDF : 1515478.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.875+/-0.203 χ^2/NDF : 1498361.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

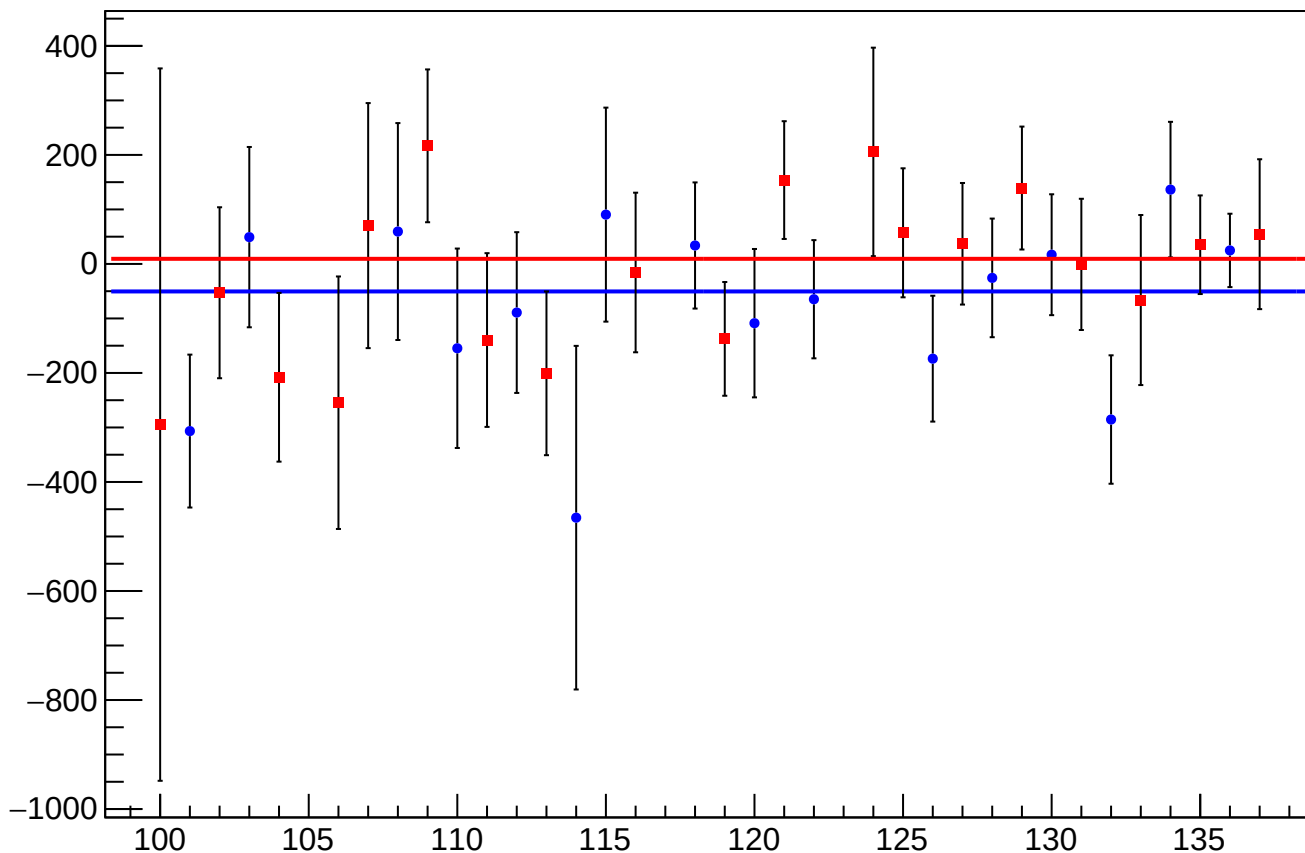
Right: 719.512+/-0.140 χ^2/NDF : 3043745.4/34

In: 696.371+/-0.194 χ^2/NDF : 1515478.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.512+/-0.140 χ^2/NDF : 3043745.4/34

eigen_dit_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -50.466+/-31.061 χ^2/NDF : 16.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.381+/-31.235 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

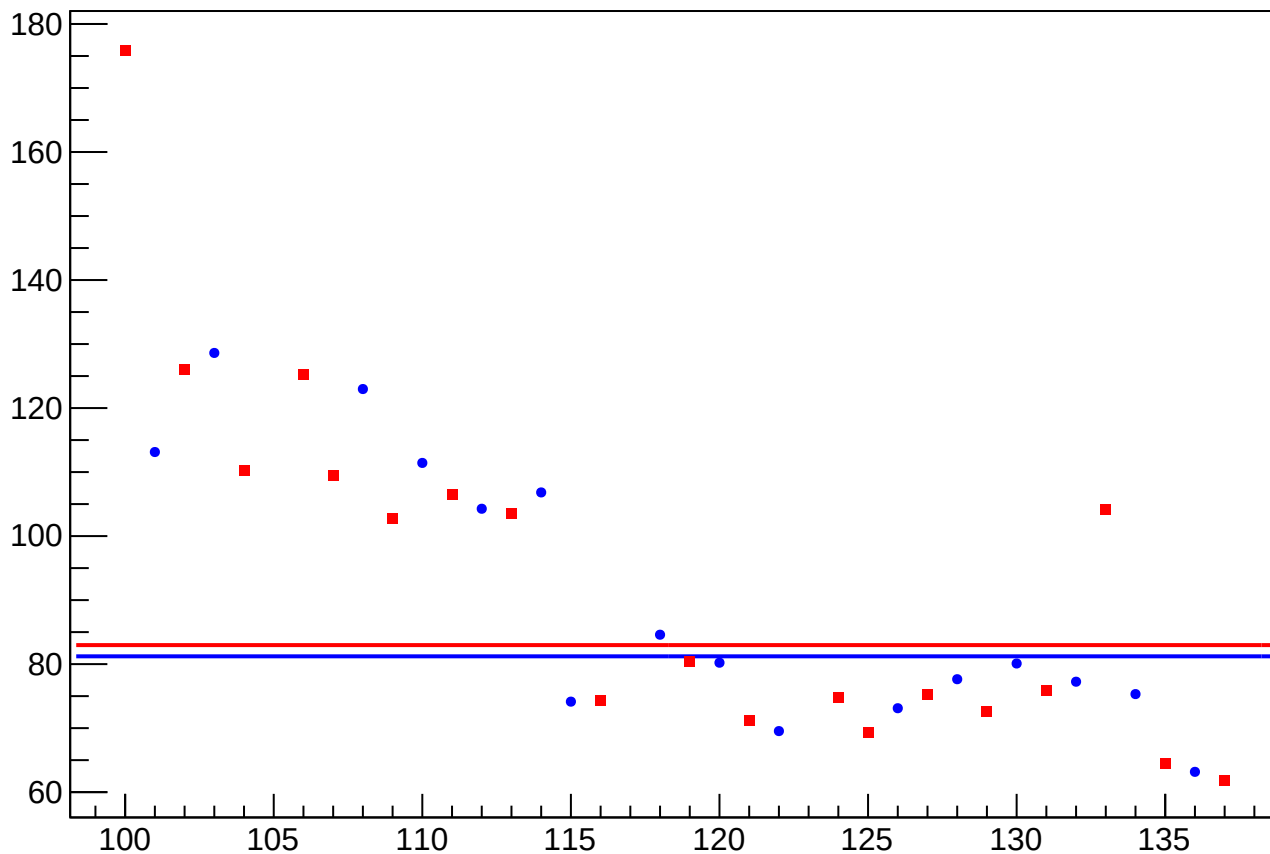
Right: -20.709+/-22.025 χ^2/NDF : 33.8/34

In: -50.466+/-31.061 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.709+/-22.025 χ^2/NDF : 33.8/34

eigen_dit_asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 81.218+/-0.022 χ^2/NDF : 662862.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 82.971+/-0.022 χ^2/NDF : 730375.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

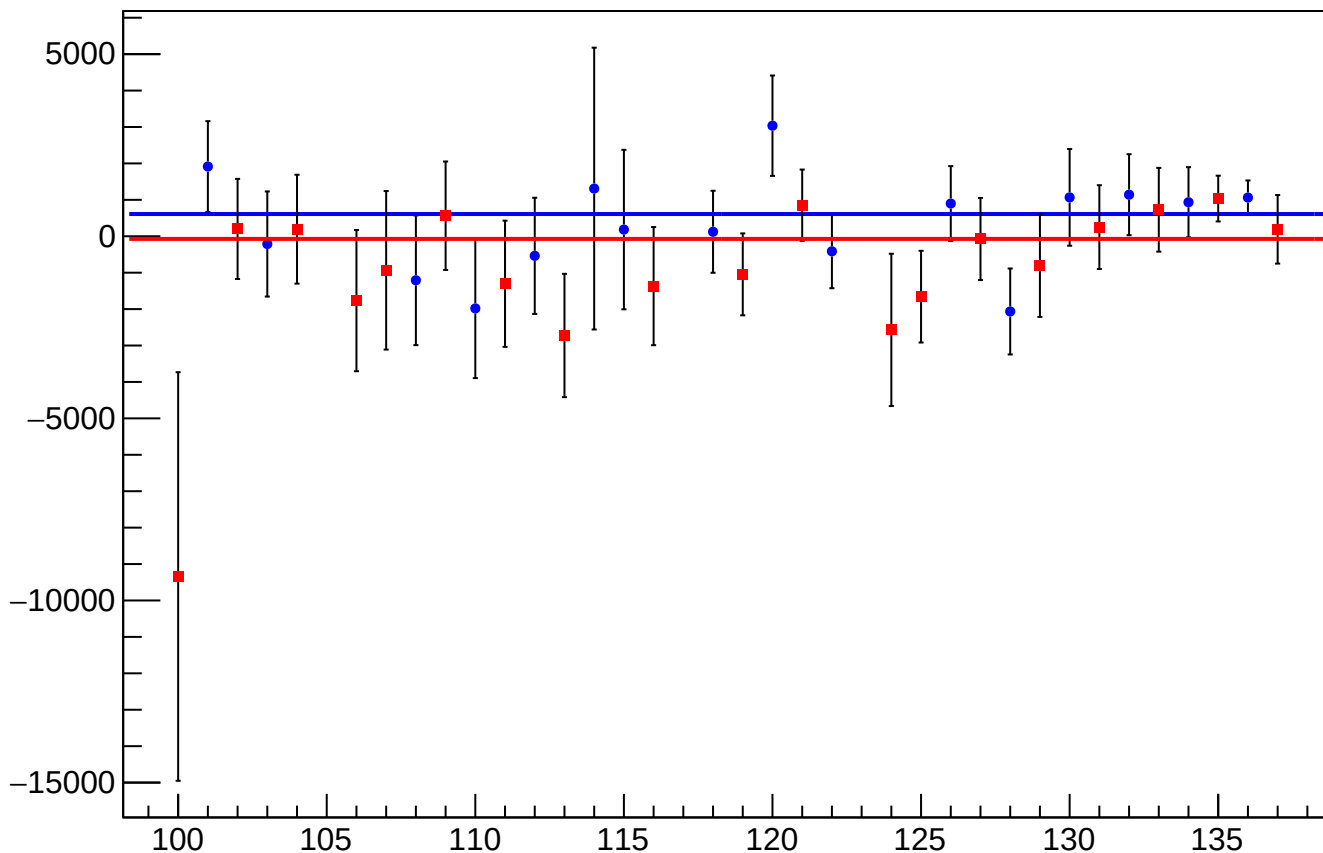
Right: 82.089+/-0.016 χ^2/NDF : 1396405.1/34

In: 81.218+/-0.022 χ^2/NDF : 662862.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.089+/-0.016 χ^2/NDF : 1396405.1/34

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 610.382 $\pm$ 273.981 χ^2 /NDF: 15.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -72.313 $\pm$ 286.830 χ^2 /NDF: 16.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

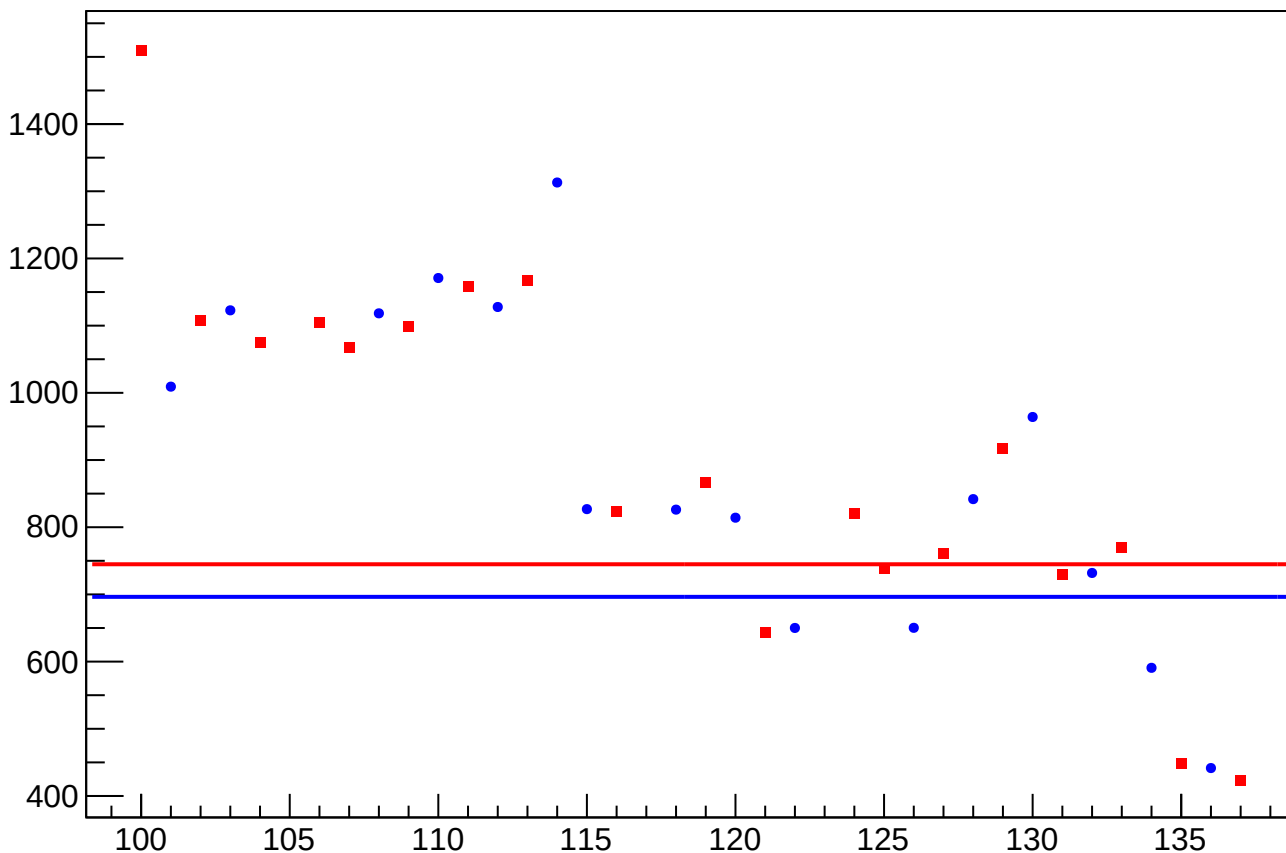
Right: 284.667 $\pm$ 198.121 χ^2 /NDF: 34.9/34

In: 610.382 $\pm$ 273.981 χ^2 /NDF:15.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 284.667 $\pm$ 198.121 χ^2 /NDF: 34.9/34

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 696.370+/-0.194 χ^2/NDF : 1515461.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.874+/-0.203 χ^2/NDF : 1498349.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

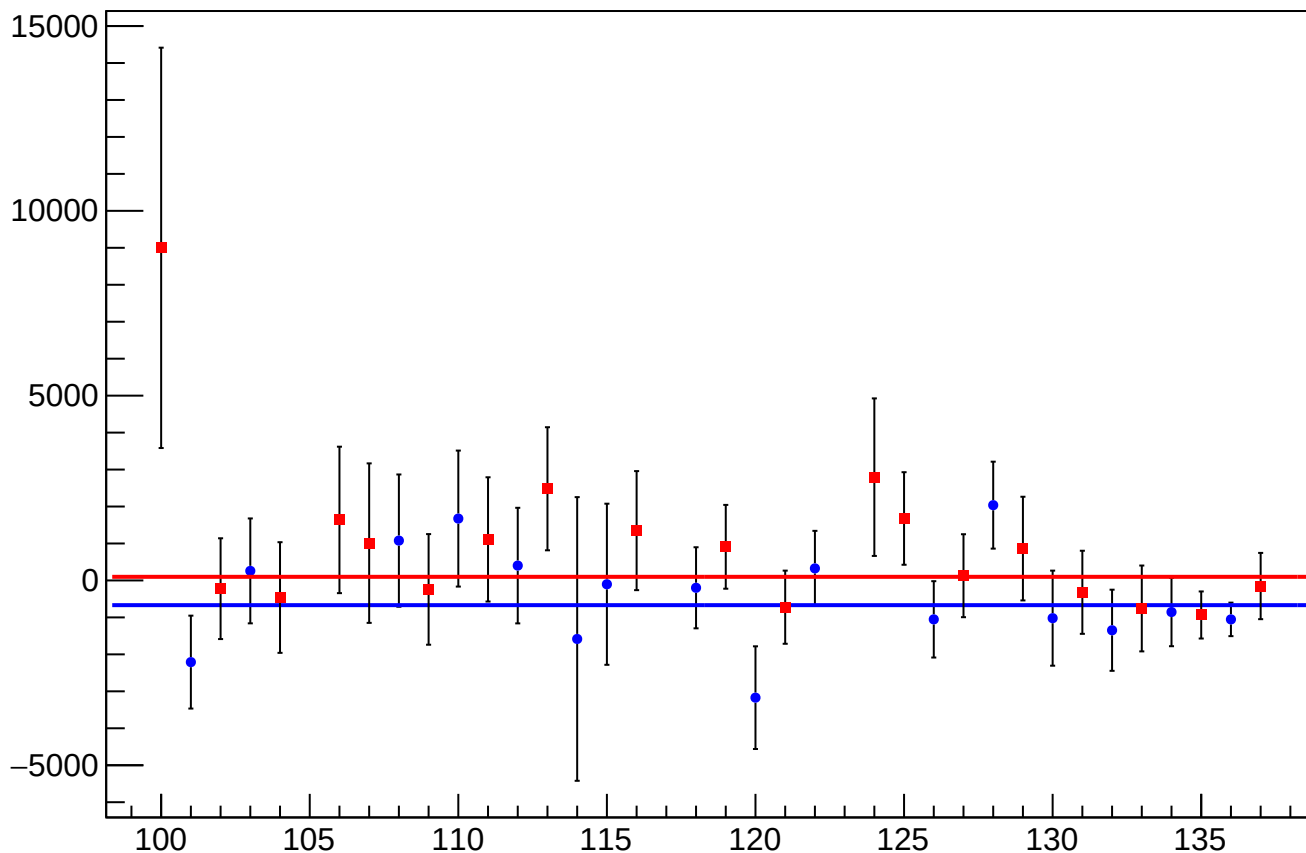
Right: 719.511+/-0.140 χ^2/NDF : 3043716.8/34

In: 696.370+/-0.194 χ^2/NDF : 1515461.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.511+/-0.140 χ^2/NDF : 3043716.8/34

asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -668.503+/-268.452 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.003+/-285.882 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

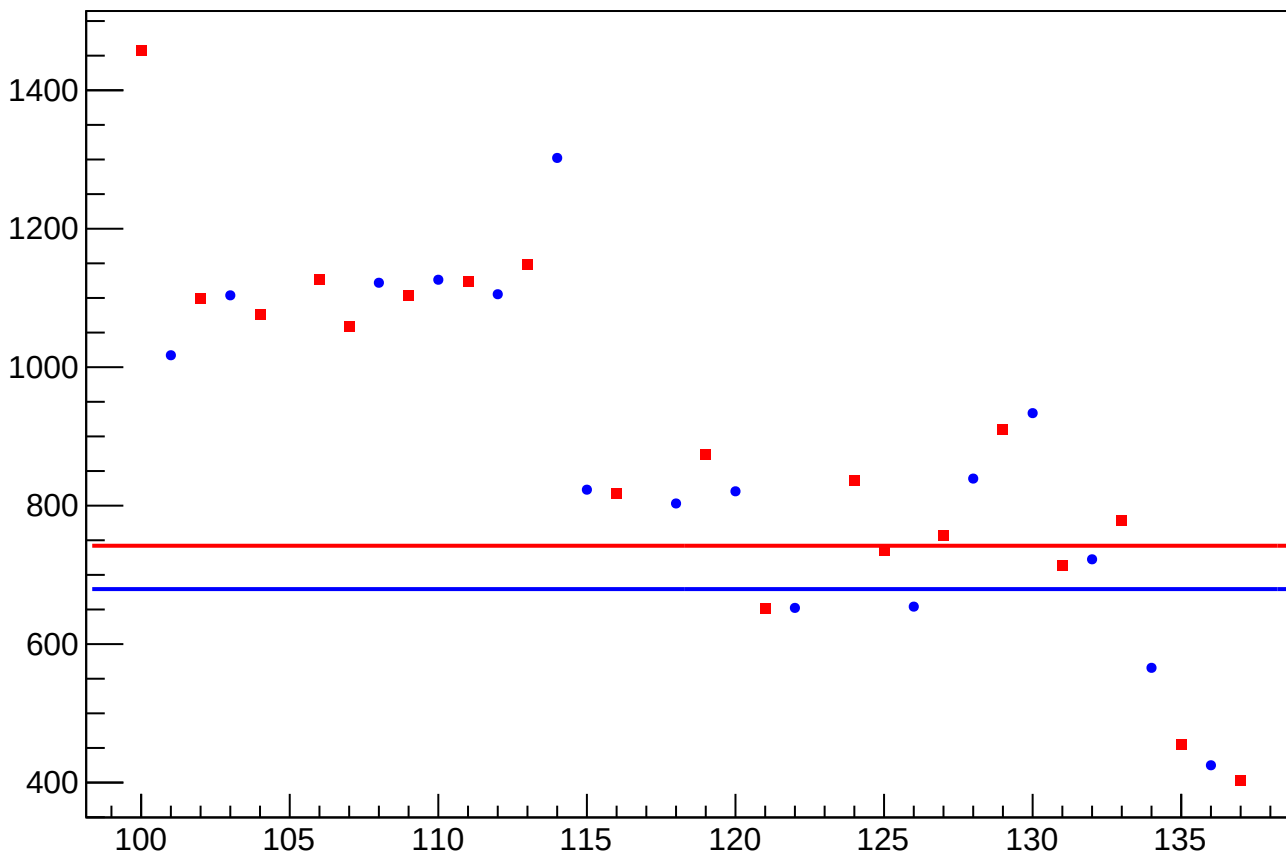
Right: -309.326+/-195.696 χ^2/NDF : 34.8/34

In: -668.503+/-268.452 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -309.326+/-195.696 χ^2/NDF : 34.8/34

asym_sam_15_26_dd_rms vs Slug, Sign Corrected



Right In: 679.469+/-0.190 χ^2/NDF : 1600922.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 742.081+/-0.202 χ^2/NDF : 1504391.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

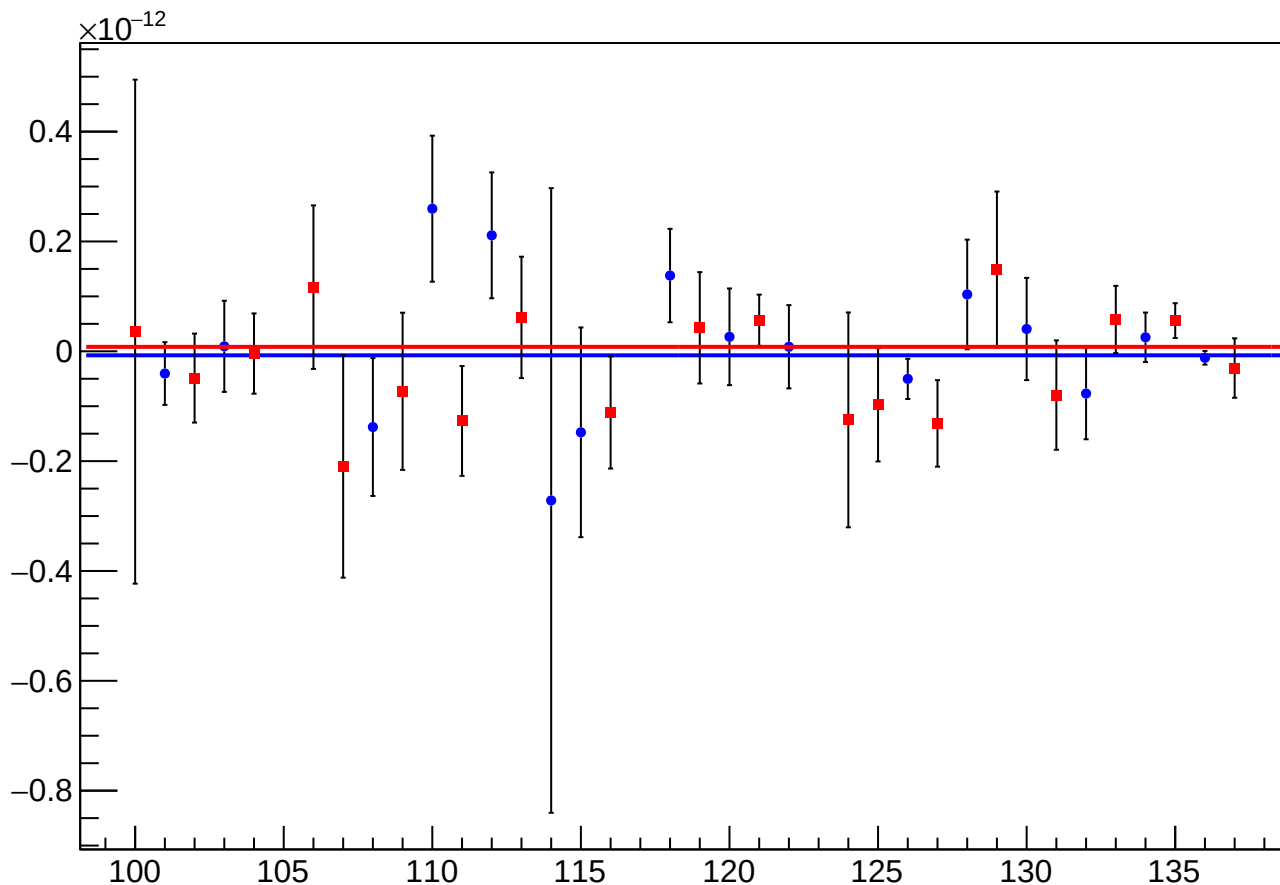
Right: 708.808+/-0.138 χ^2/NDF : 3156293.3/34

In: 679.469+/-0.190 χ^2/NDF : 1600922.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 708.808+/-0.138 χ^2/NDF : 3156293.3/34

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

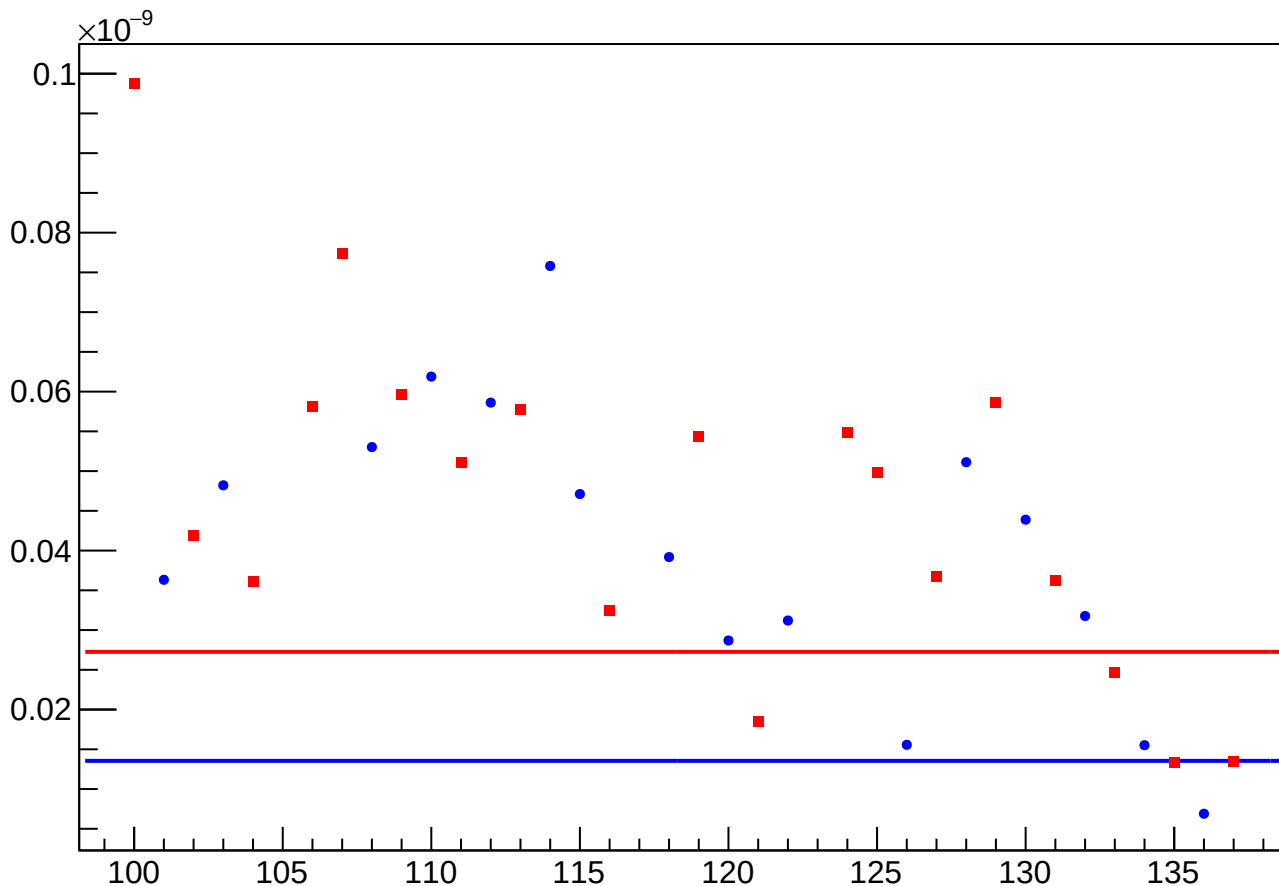
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.8/34

In: -0.000 $\pm$ 0.000 χ^2 /NDF:17.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.8/34

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3045220.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1735739.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

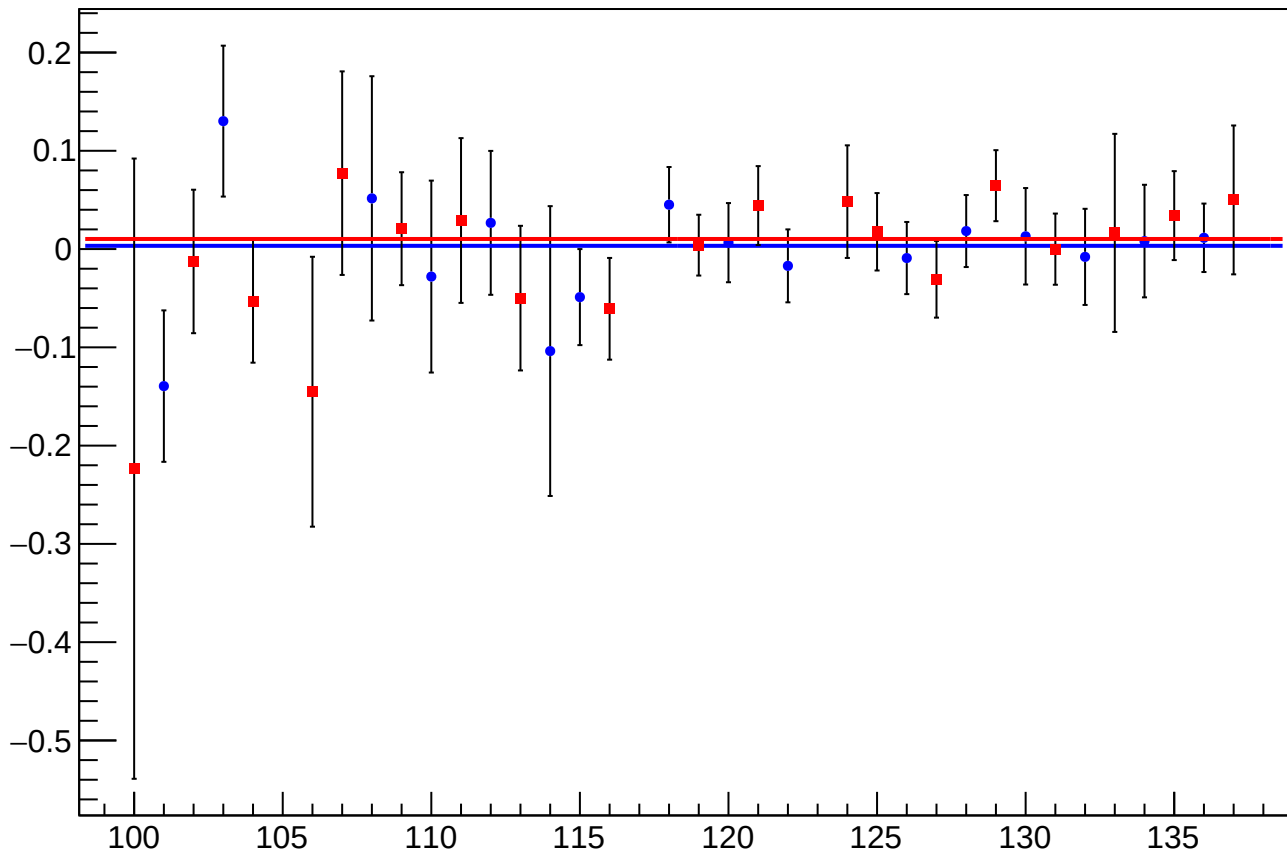
Right: 0.000+/-0.000 χ^2/NDF : 5700569.4/34

In: 0.000+/-0.000 χ^2/NDF :3045220.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5700569.4/34

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.012 χ^2 /NDF: 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.012 χ^2 /NDF: 11.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

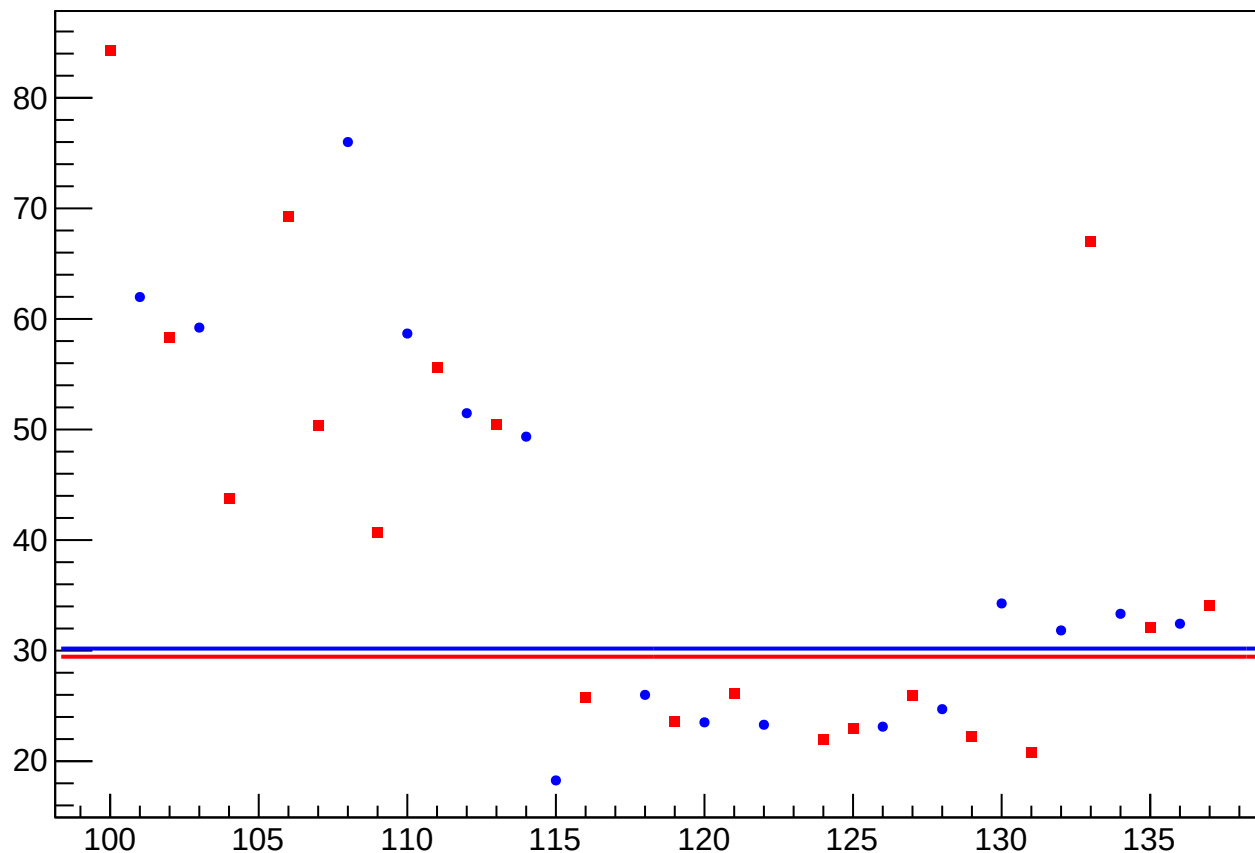
Right: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

In: 0.003 $\pm$ 0.012 χ^2 /NDF:10.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.187+/-0.009 χ^2/NDF : 1687373.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.451+/-0.008 χ^2/NDF : 1848636.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

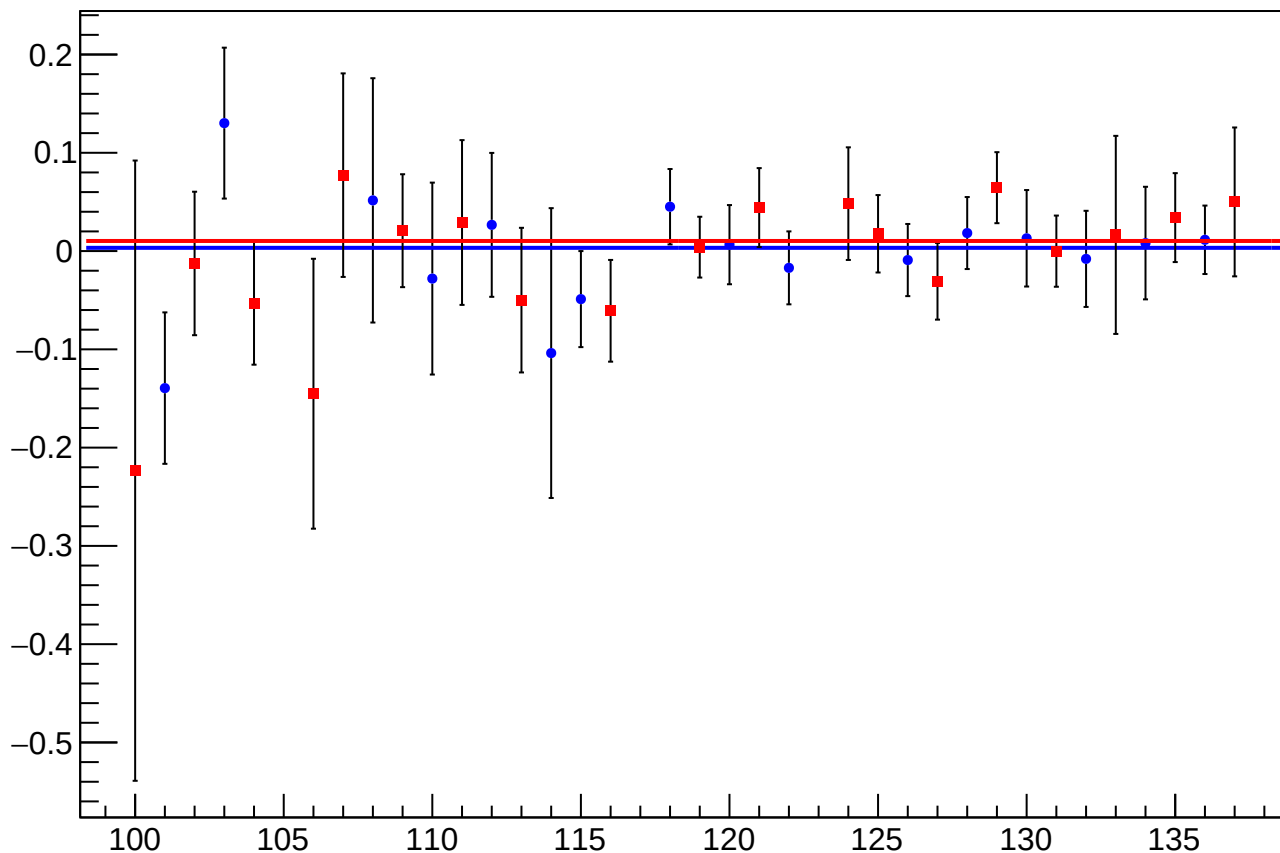
Right: 29.805+/-0.006 χ^2/NDF : 3539732.7/34

In: 30.187+/-0.009 χ^2/NDF : 1687373.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.805+/-0.006 χ^2/NDF : 3539732.7/34

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003+/-0.012 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.012 χ^2/NDF : 11.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

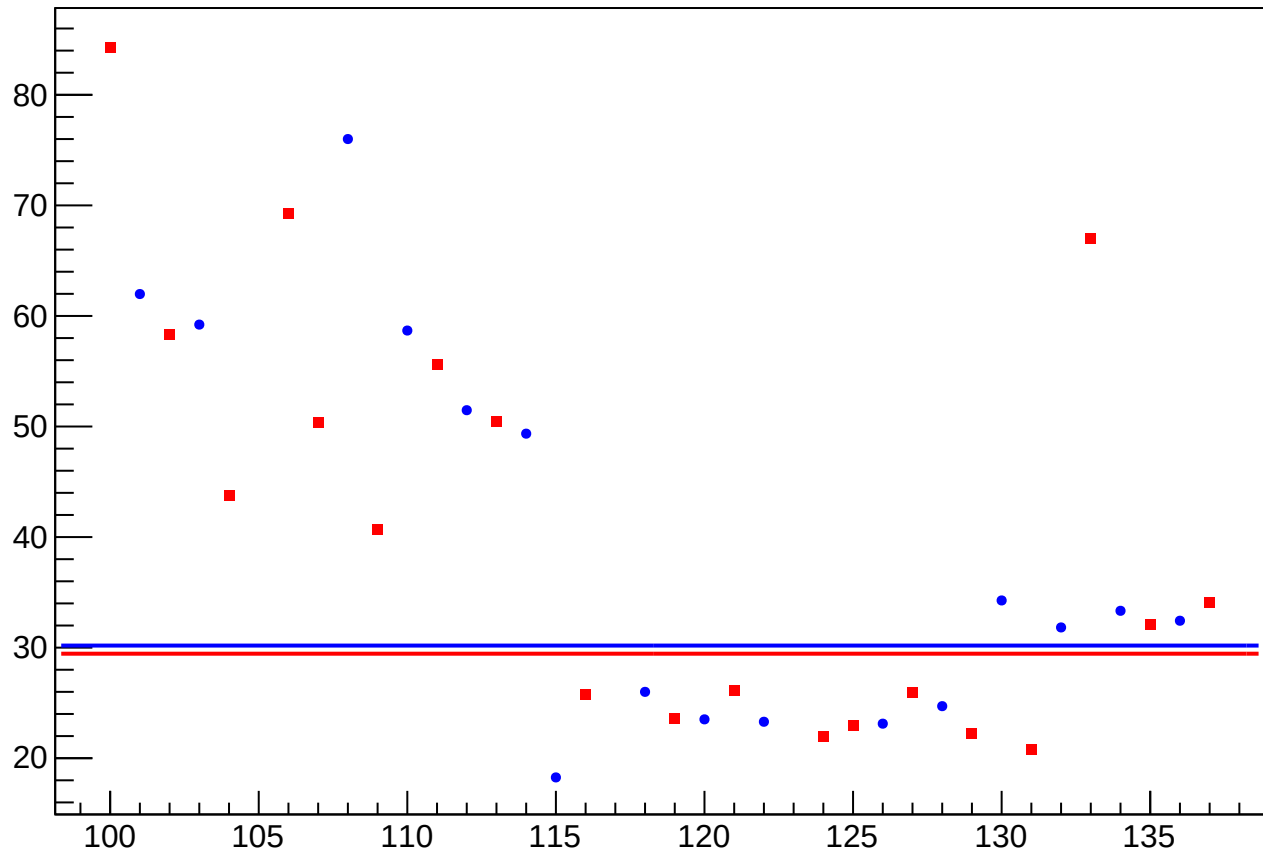
Right: 0.007+/-0.009 χ^2/NDF : 21.5/34

In: 0.003+/-0.012 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.009 χ^2/NDF : 21.5/34

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.187+/-0.009 χ^2/NDF : 1687373.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.451+/-0.008 χ^2/NDF : 1848636.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

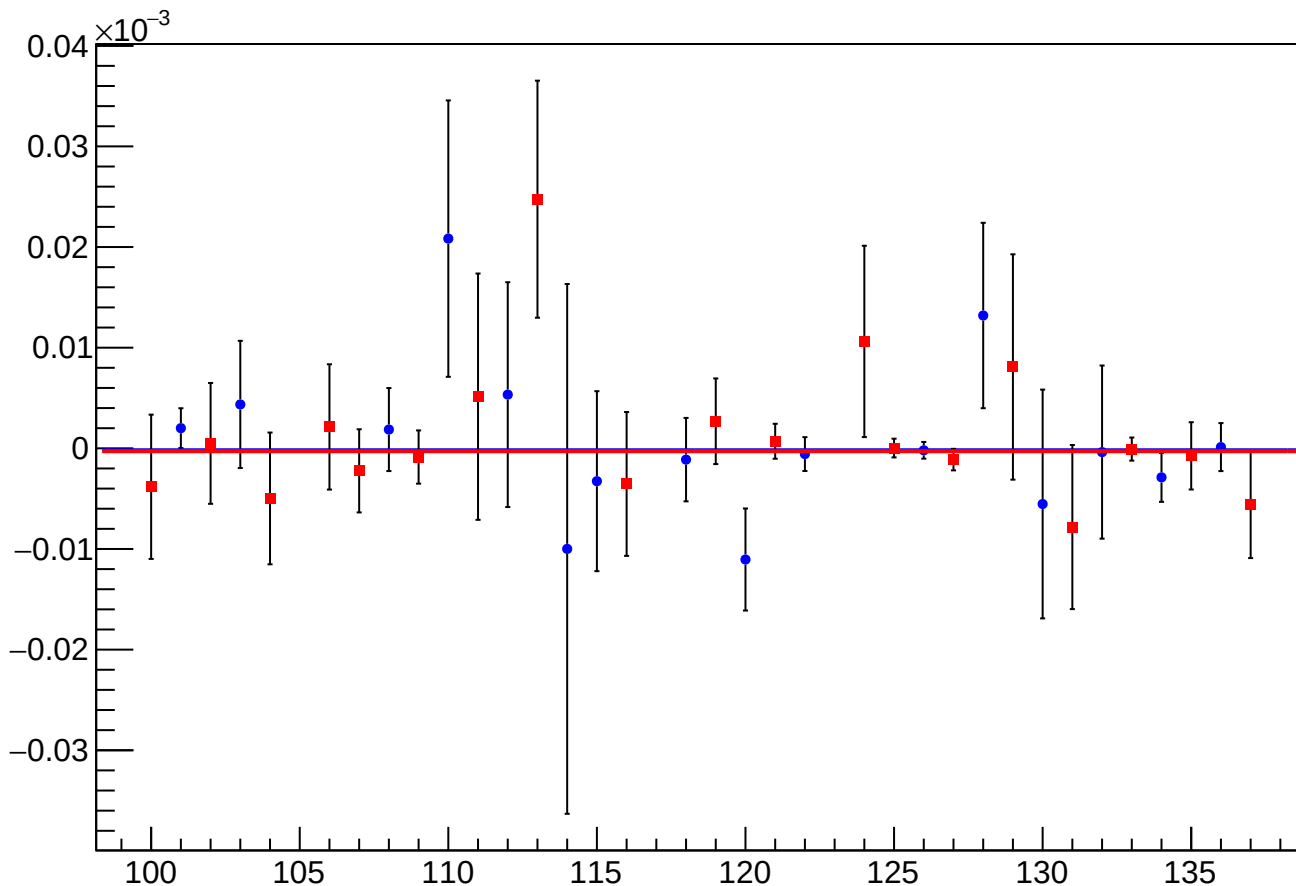
Right: 29.805+/-0.006 χ^2/NDF : 3539732.7/34

In: 30.187+/-0.009 χ^2/NDF : 1687373.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.805+/-0.006 χ^2/NDF : 3539732.7/34

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

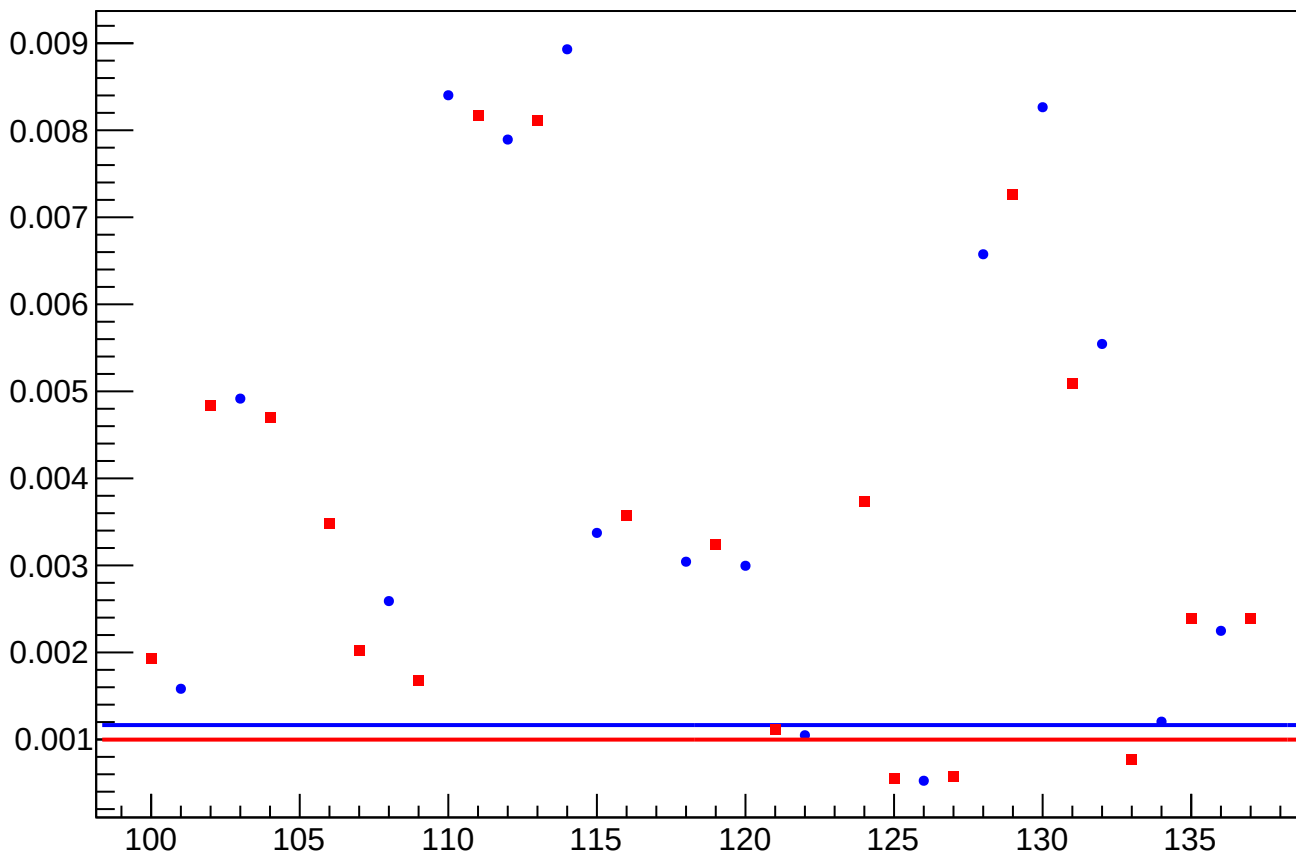
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/34

In: -0.000 $\pm$ 0.000 χ^2 /NDF:13.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.6/34

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 6881775.6/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 6937197.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 13904727.1/34

In: 0.001+/-0.000

χ^2/NDF : 6881775.6/15

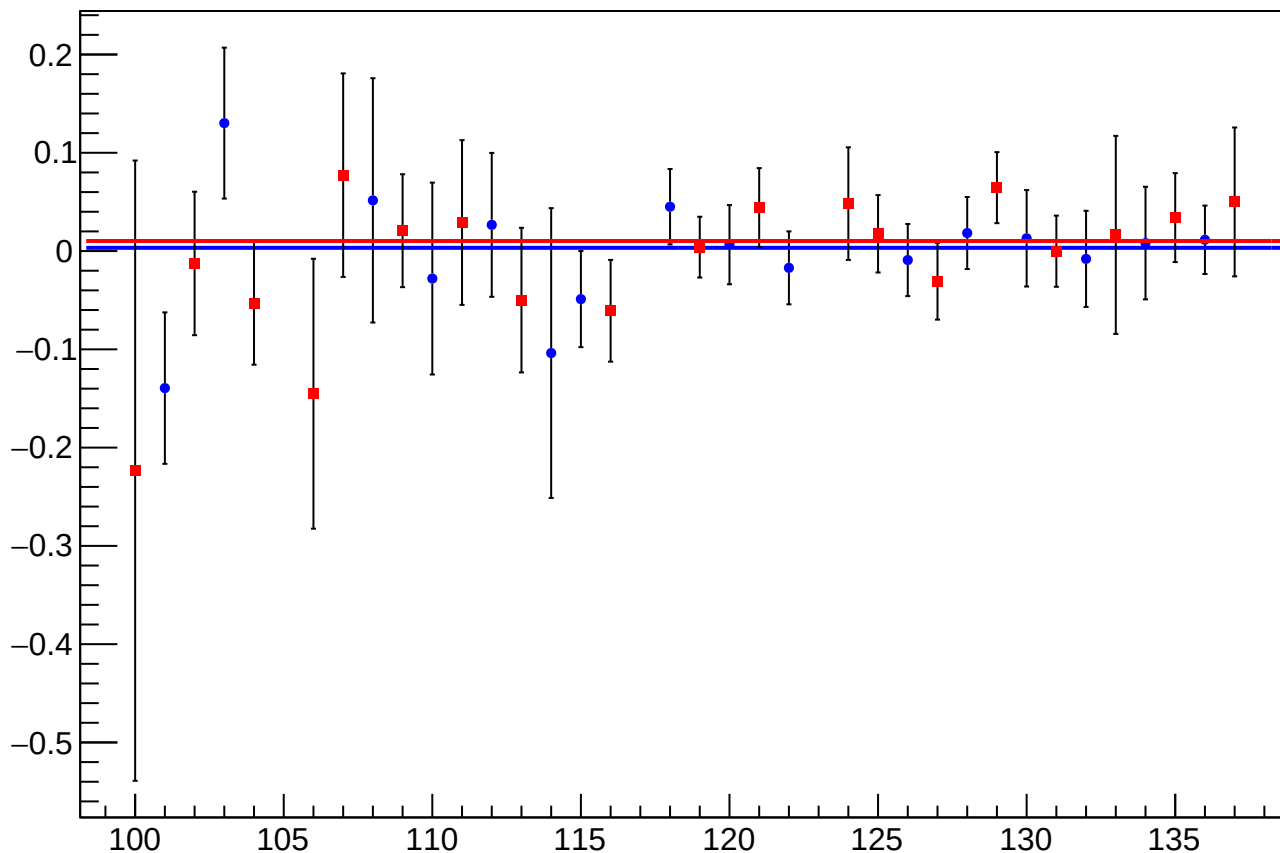
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 13904727.1/34

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.012 χ^2 /NDF: 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.012 χ^2 /NDF: 11.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

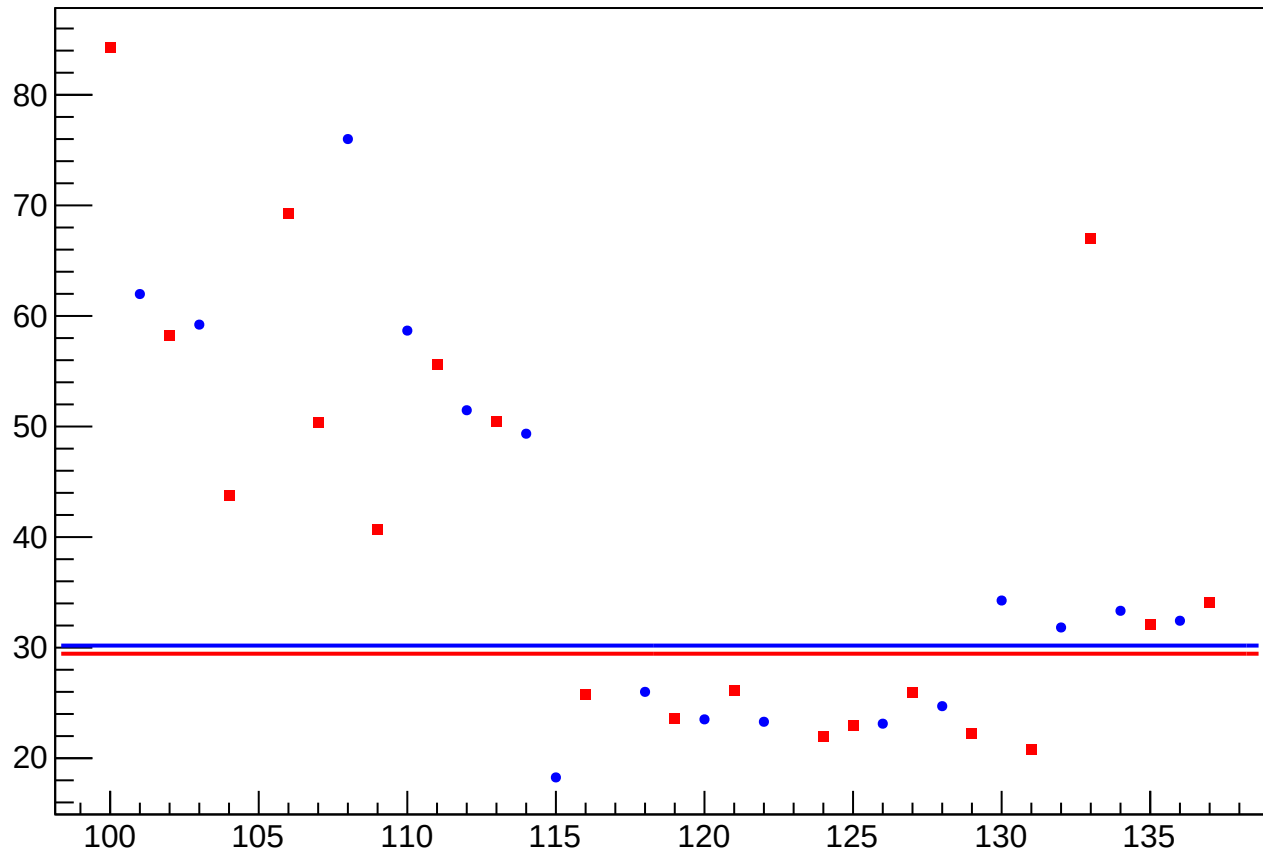
Right: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

In: 0.003 $\pm$ 0.012 χ^2 /NDF:10.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.451+/-0.008 χ^2/NDF : 1848632.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

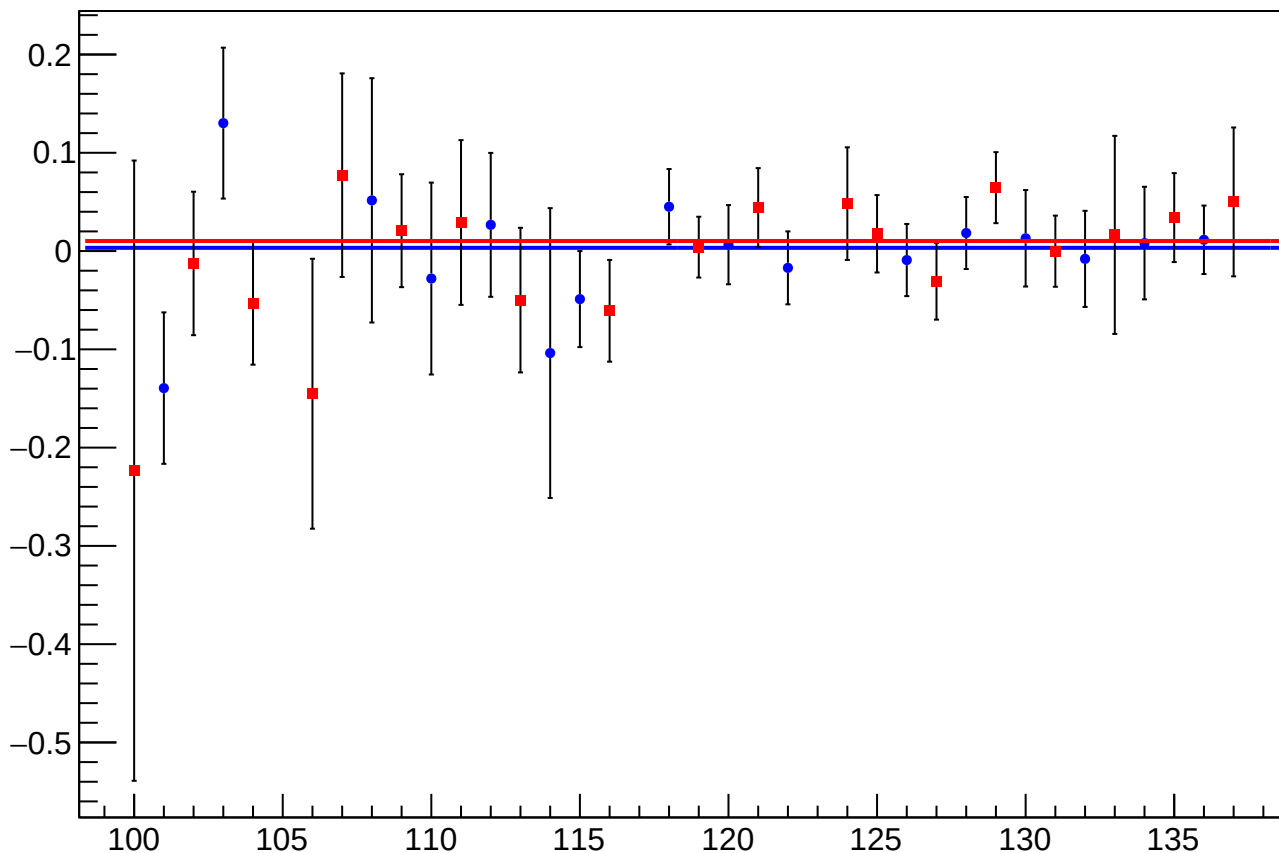
Right: 29.805+/-0.006 χ^2/NDF : 3539550.0/34

In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.805+/-0.006 χ^2/NDF : 3539550.0/34

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.012 χ^2 /NDF: 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.012 χ^2 /NDF: 11.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

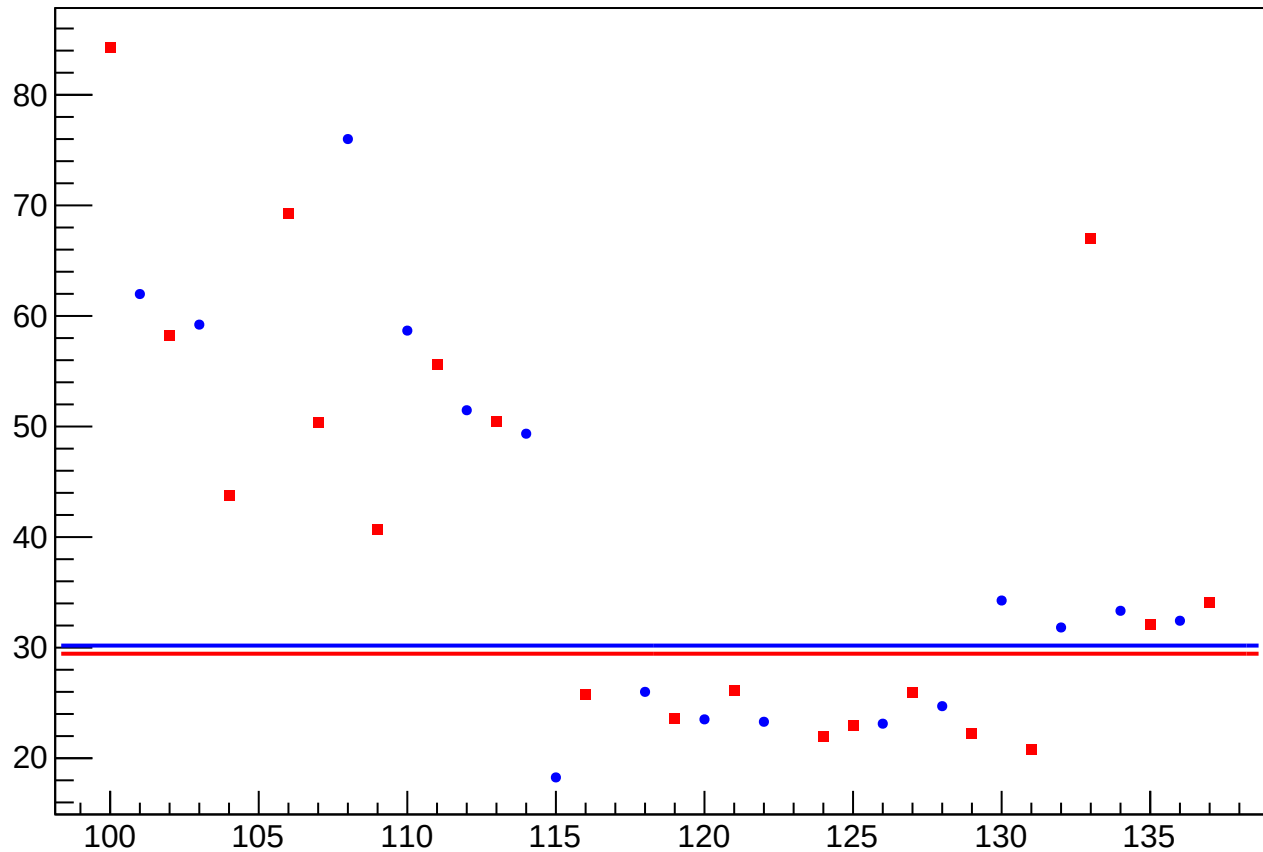
Right: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

In: 0.003 $\pm$ 0.012 χ^2 /NDF:10.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.007 $\pm$ 0.009 χ^2 /NDF: 21.5/34

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.451+/-0.008 χ^2/NDF : 1848632.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

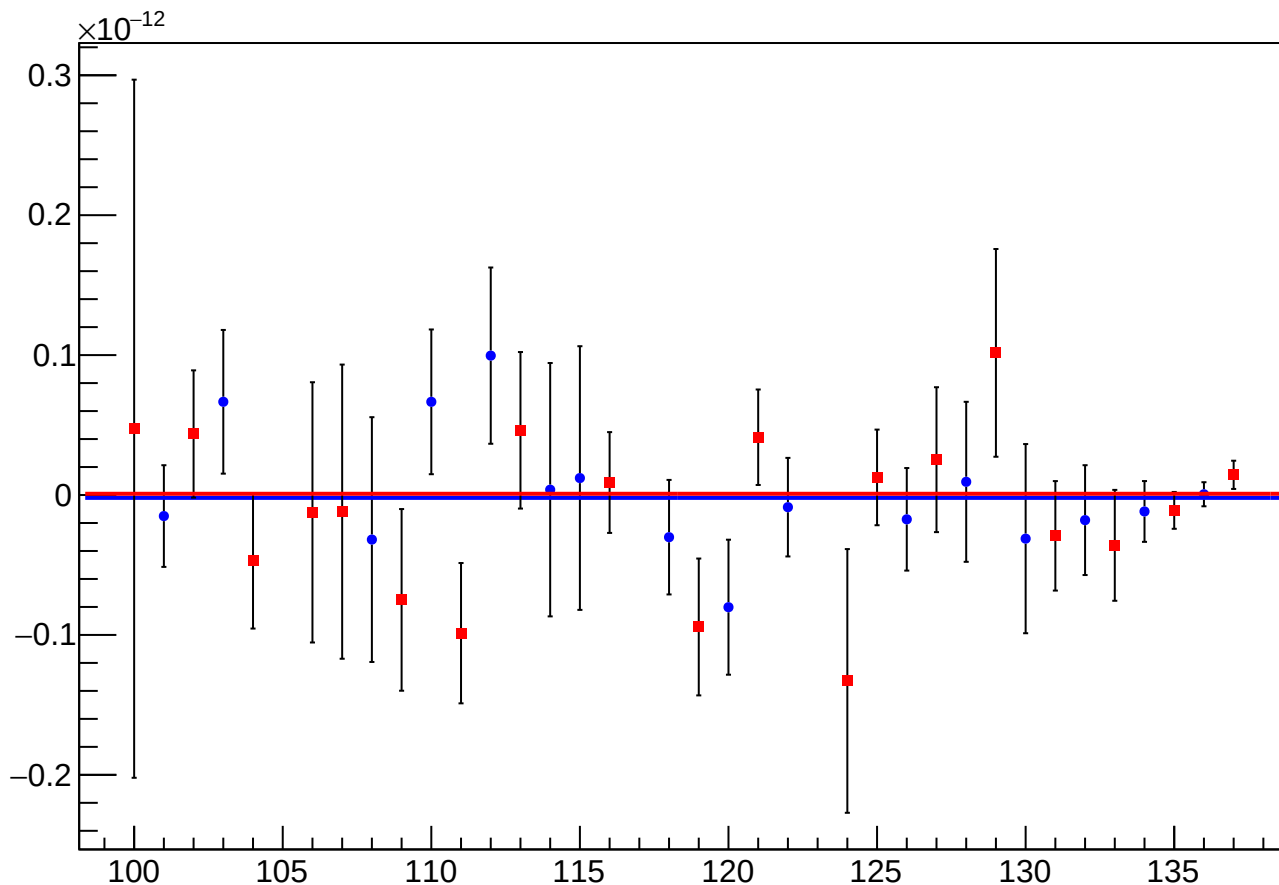
Right: 29.805+/-0.006 χ^2/NDF : 3539550.0/34

In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.805+/-0.006 χ^2/NDF : 3539550.0/34

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

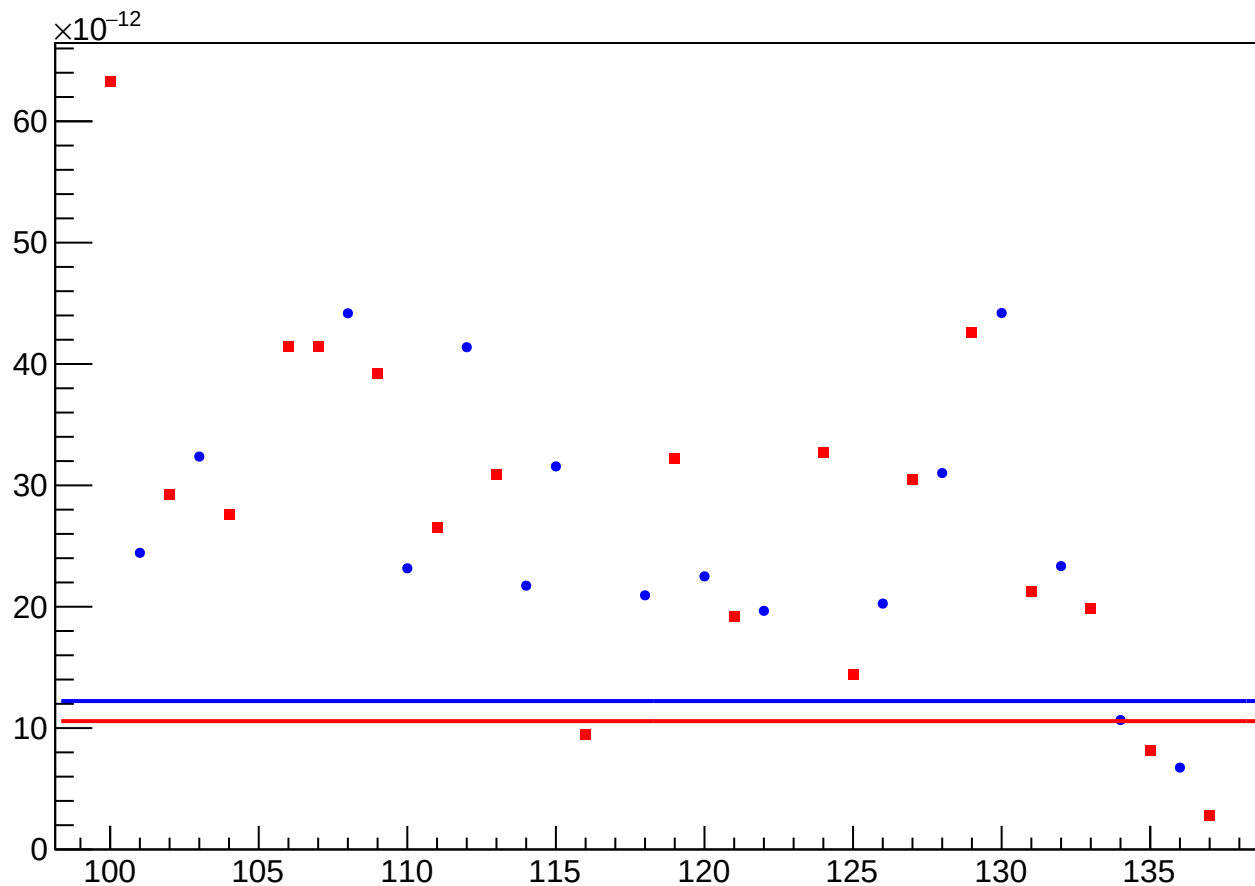
Right: -0.000+/-0.000 χ^2/NDF : 31.9/34

In: -0.000+/-0.000 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/34

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3437895.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4770079.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

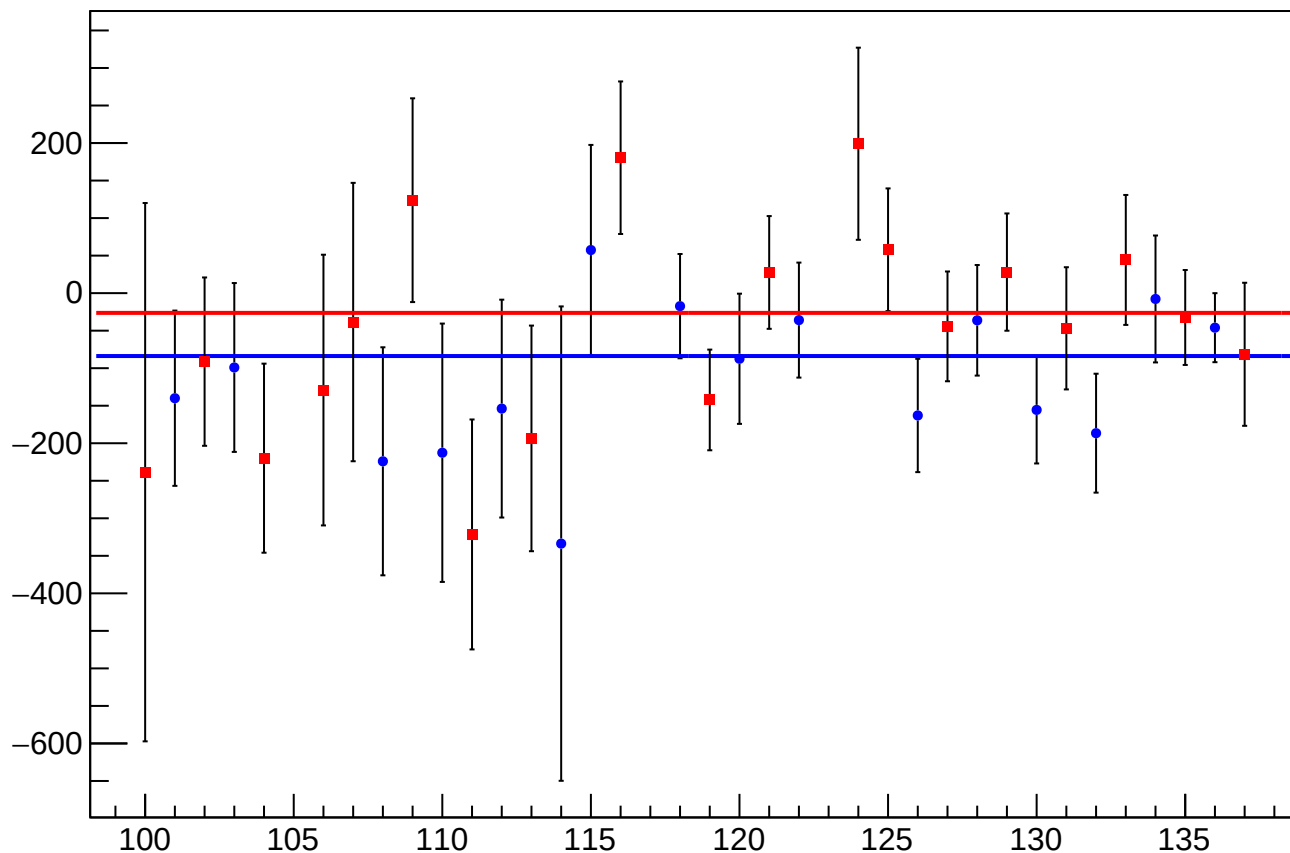
Right: 0.000+/-0.000 χ^2/NDF : 8268115.2/34

In: 0.000+/-0.000 χ^2/NDF : 3437895.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8268115.2/34

reg_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -83.808 ± 21.434 χ^2/NDF : 10.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.301 ± 22.067 χ^2/NDF : 23.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

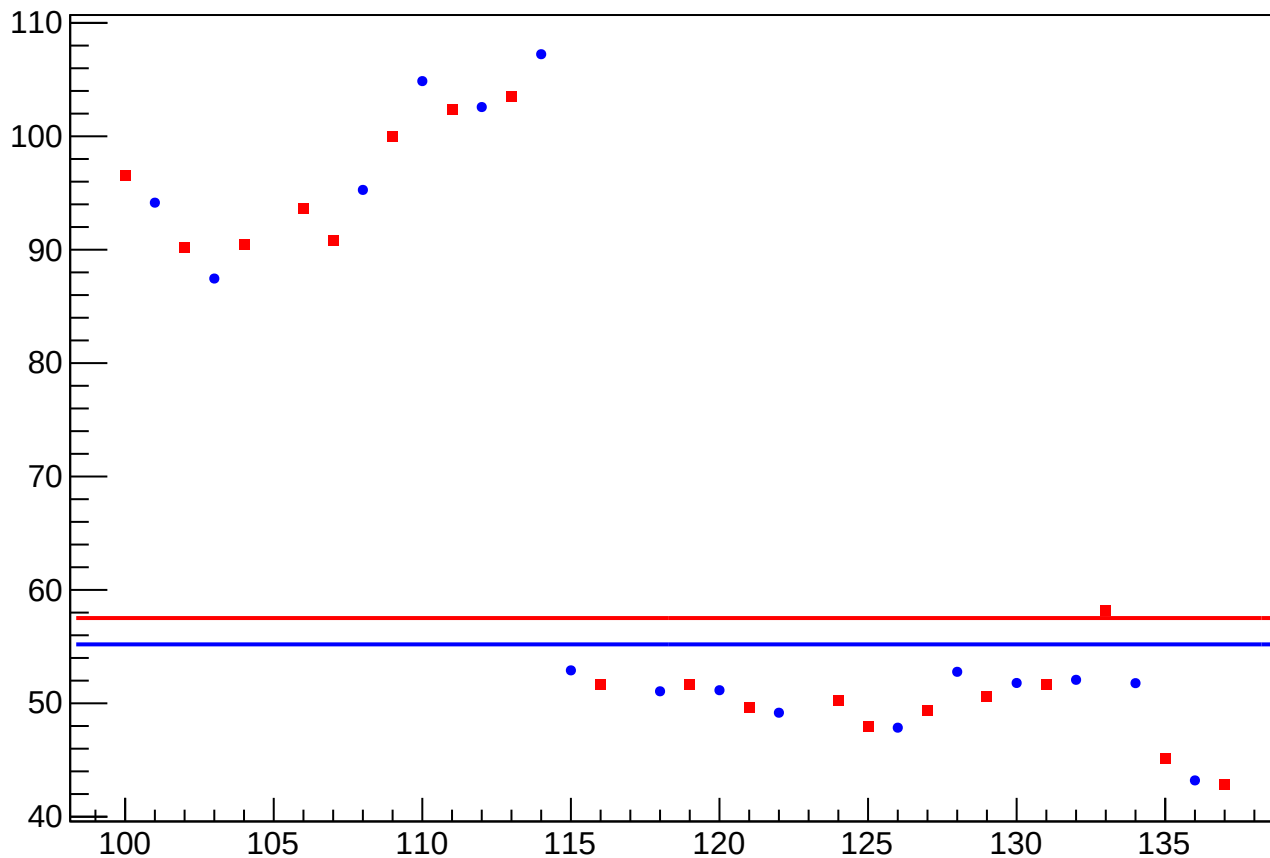
Right: -55.890 ± 15.375 χ^2/NDF : 37.0/34

In: -83.808 ± 21.434 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.890 ± 15.375 χ^2/NDF : 37.0/34

reg_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 55.198+/-0.015 χ^2/NDF : 1152581.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.519+/-0.016 χ^2/NDF : 1281793.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

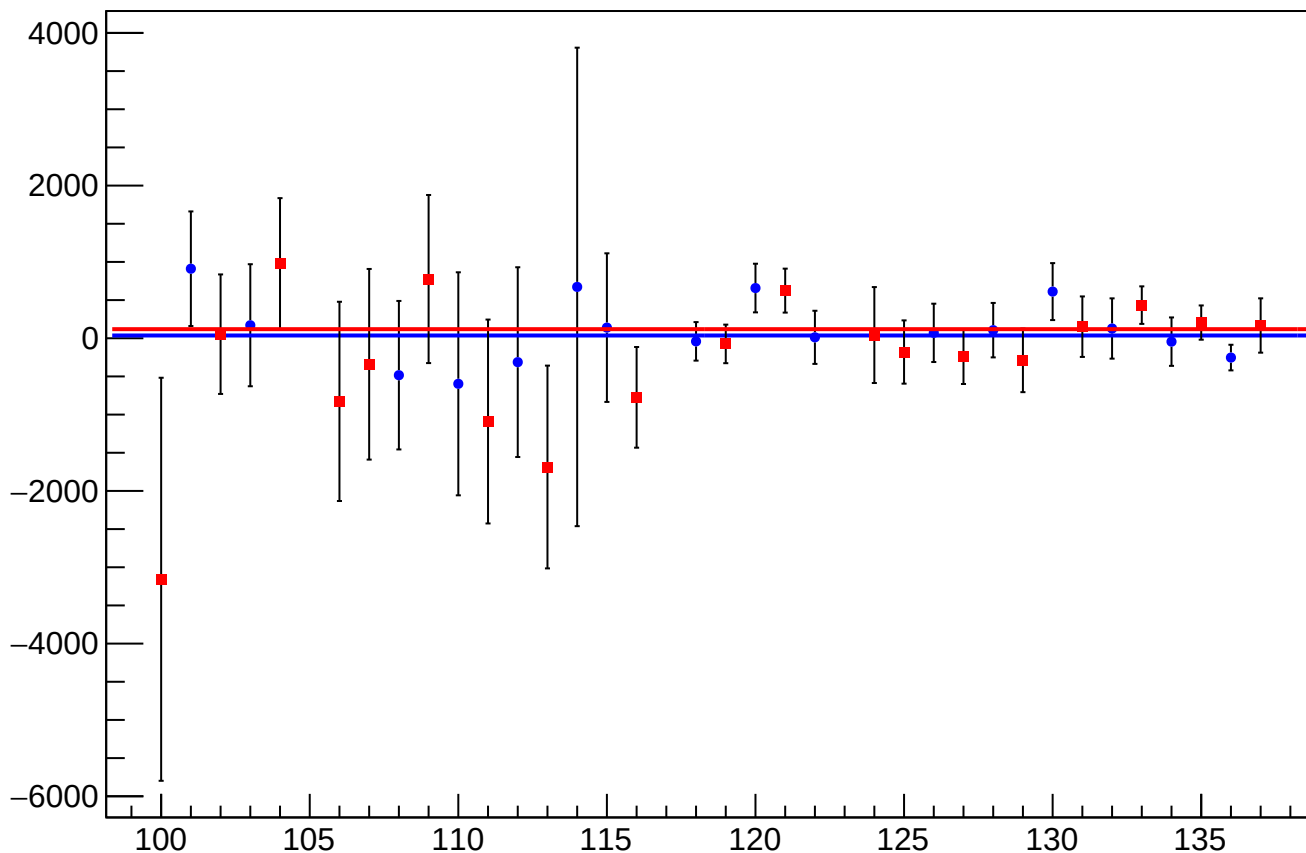
Right: 56.325+/-0.011 χ^2/NDF : 2445763.7/34

In: 55.198+/-0.015 χ^2/NDF : 1152581.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.325+/-0.011 χ^2/NDF : 2445763.7/34

asym_sam_37_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.166+/-95.833 χ^2/NDF : 16.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

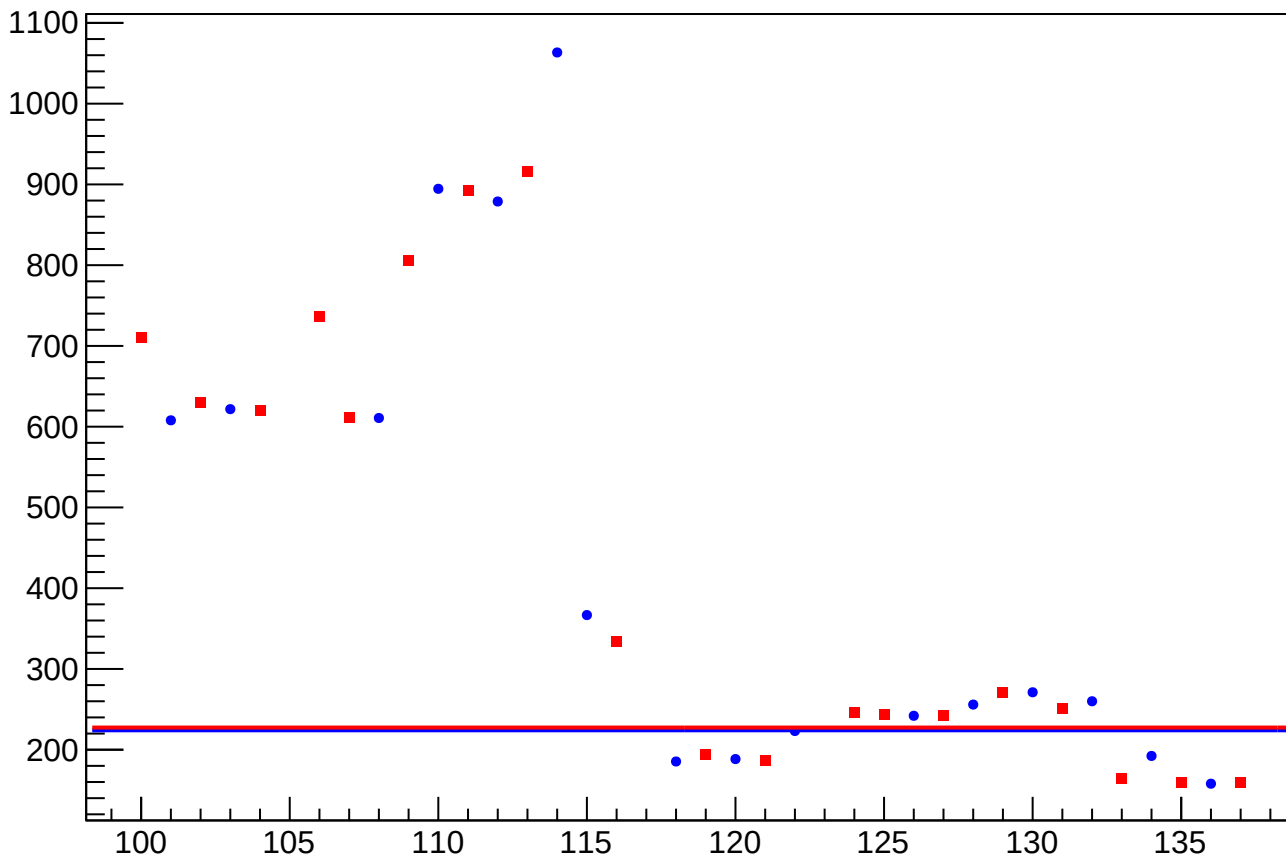
Right: 76.754+/-66.947 χ^2/NDF : 27.8/34

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.754+/-66.947 χ^2/NDF : 27.8/34

asym_sam_37_26_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 224.042+/-0.066 χ^2/NDF : 2968054.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 227.451+/-0.068 χ^2/NDF : 3640634.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

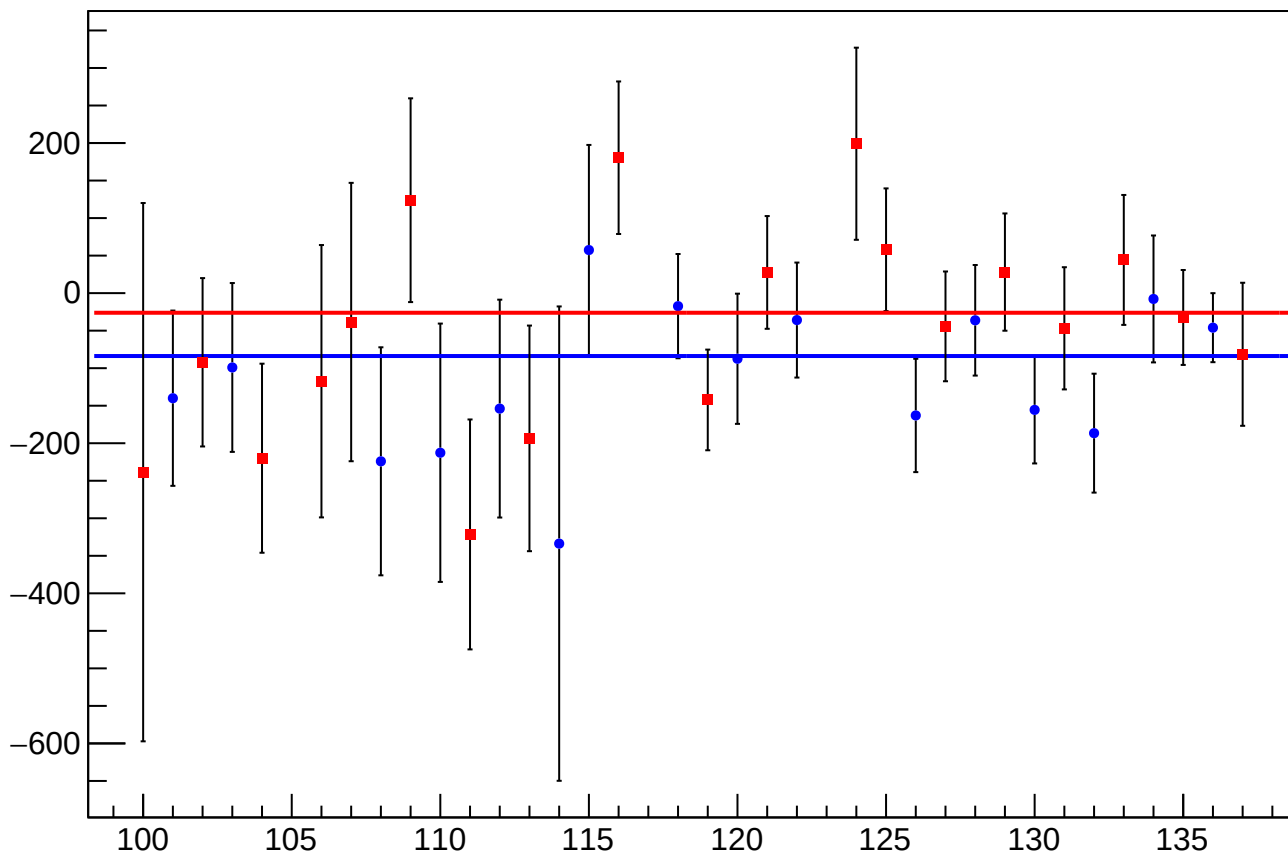
Right: 225.705+/-0.047 χ^2/NDF : 6609984.7/34

In: 224.042+/-0.066 χ^2/NDF : 2968054.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.705+/-0.047 χ^2/NDF : 6609984.7/34

cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -83.805 ± 21.434 χ^2/NDF : 10.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.142 ± 22.069 χ^2/NDF : 22.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

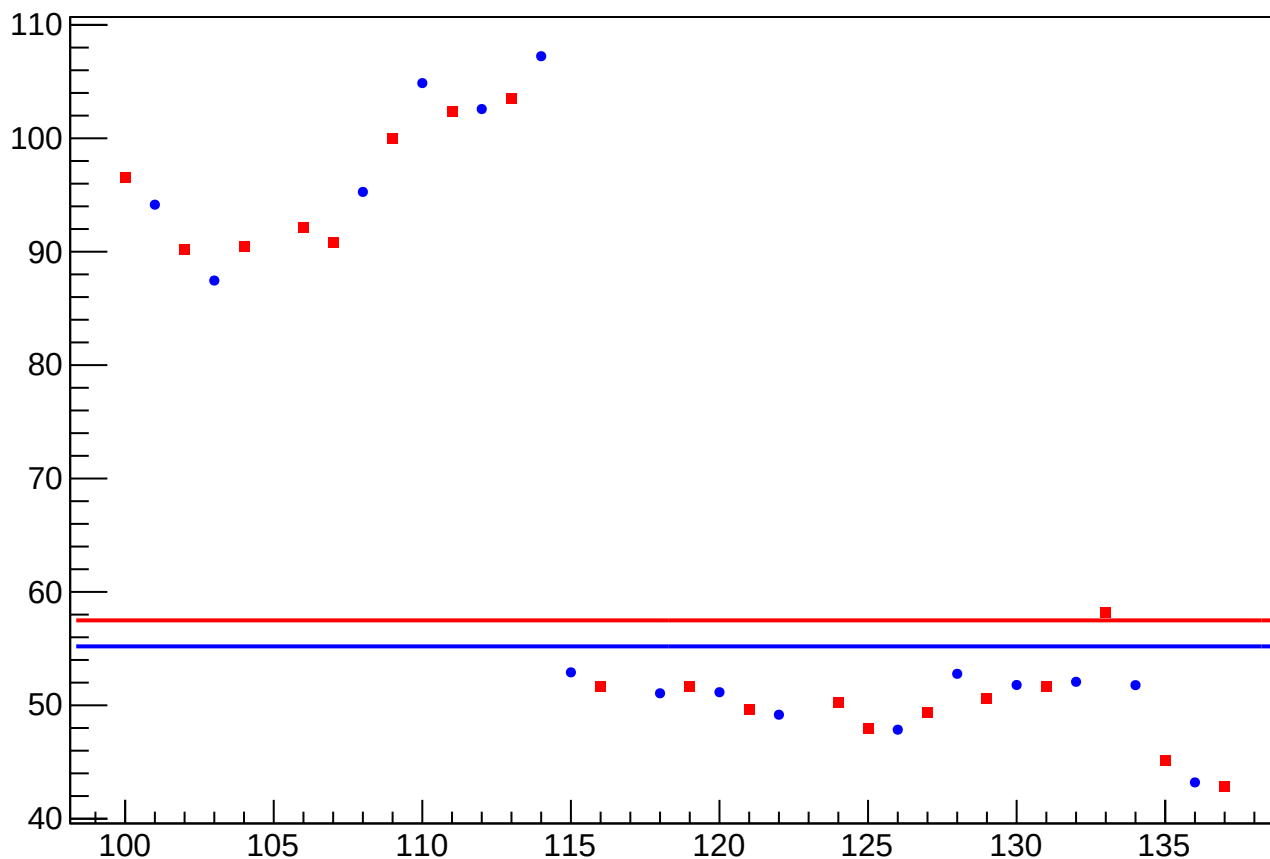
Right: -55.815 ± 15.376 χ^2/NDF : 37.0/34

In: -83.805 ± 21.434 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.815 ± 15.376 χ^2/NDF : 37.0/34

cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.490+/-0.016 χ^2/NDF : 1274387.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

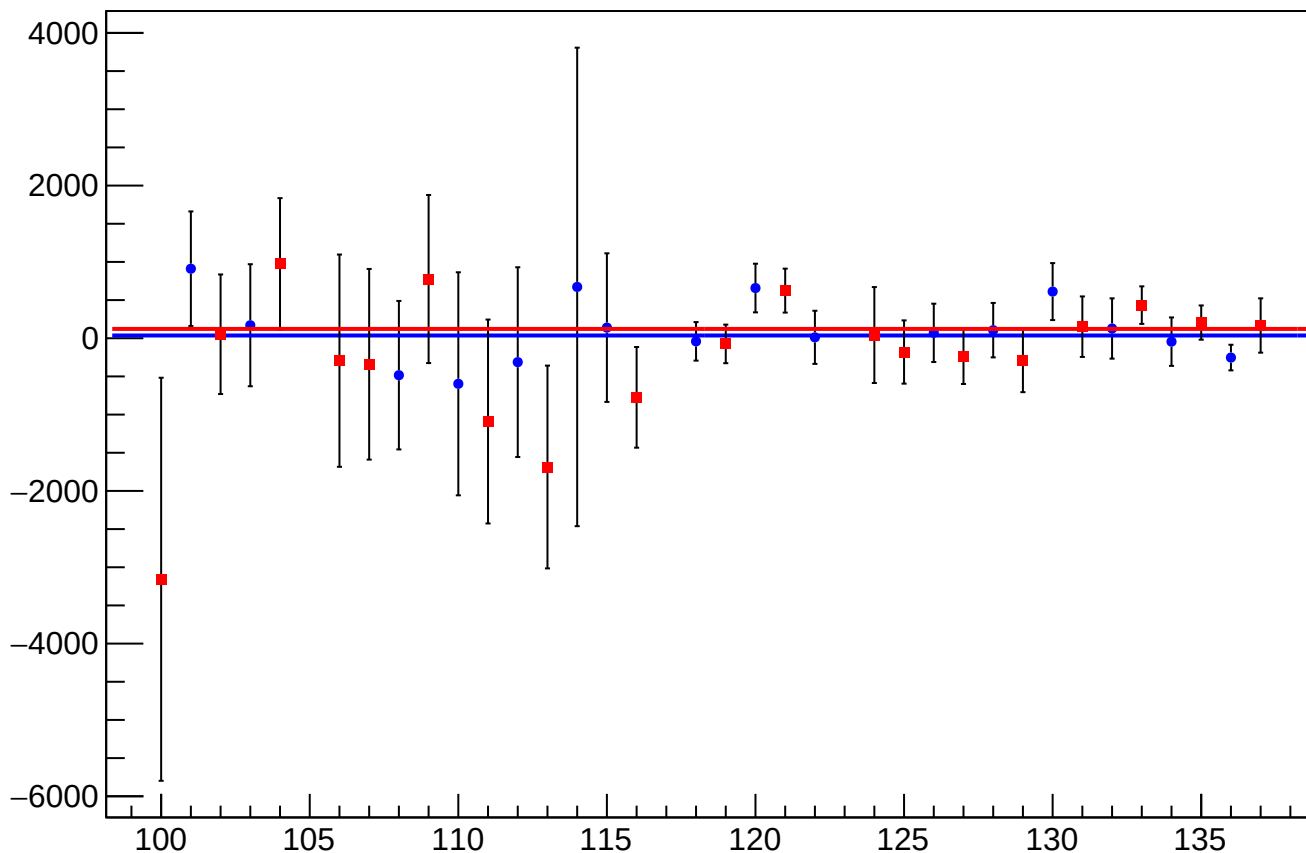
Right: 56.311+/-0.011 χ^2/NDF : 2438075.6/34

In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.311+/-0.011 χ^2/NDF : 2438075.6/34

asym_sam_37_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.289+/-95.865 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

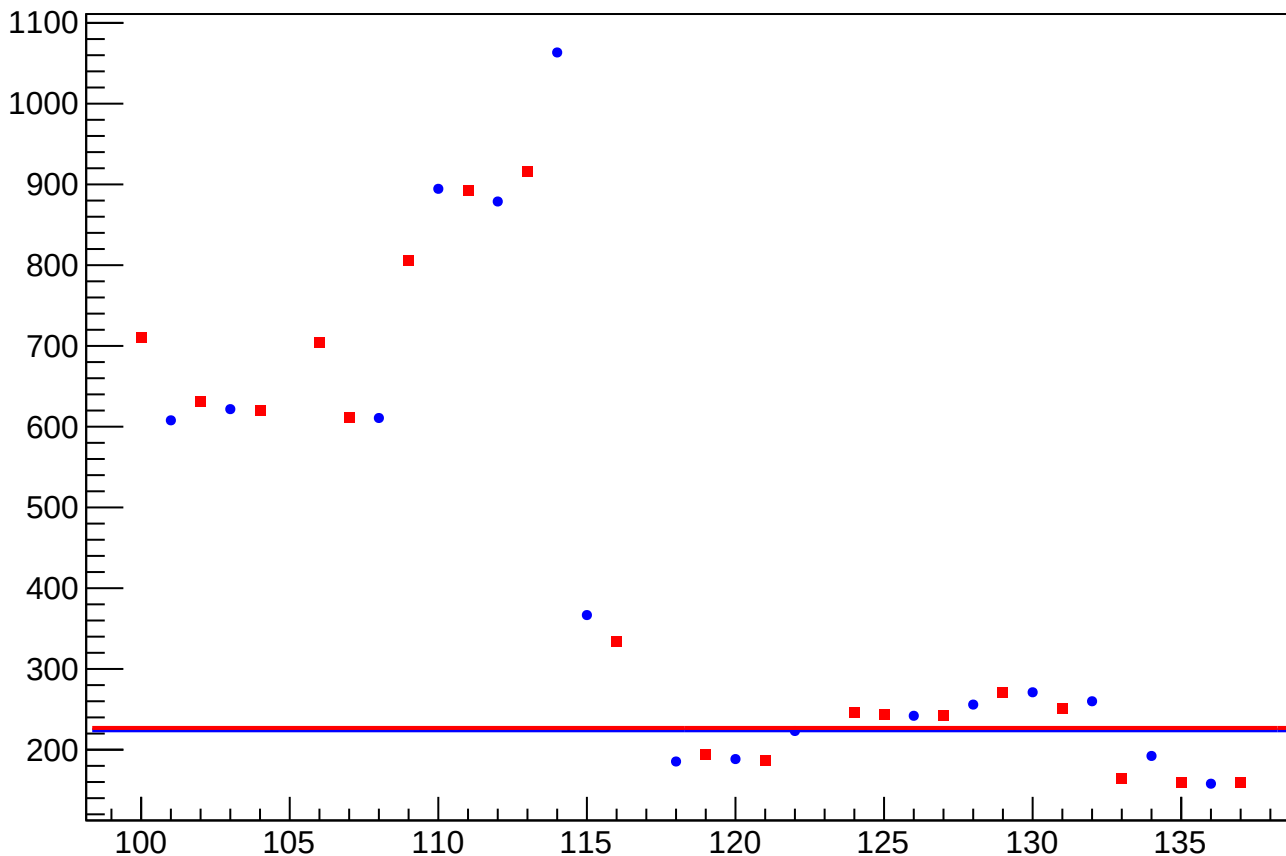
Right: 78.263+/-66.958 χ^2/NDF : 27.4/34

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.263+/-66.958 χ^2/NDF : 27.4/34

asym_sam_37_26_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.042+/-0.066 χ^2/NDF : 2968059.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 226.971+/-0.068 χ^2/NDF : 3571946.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

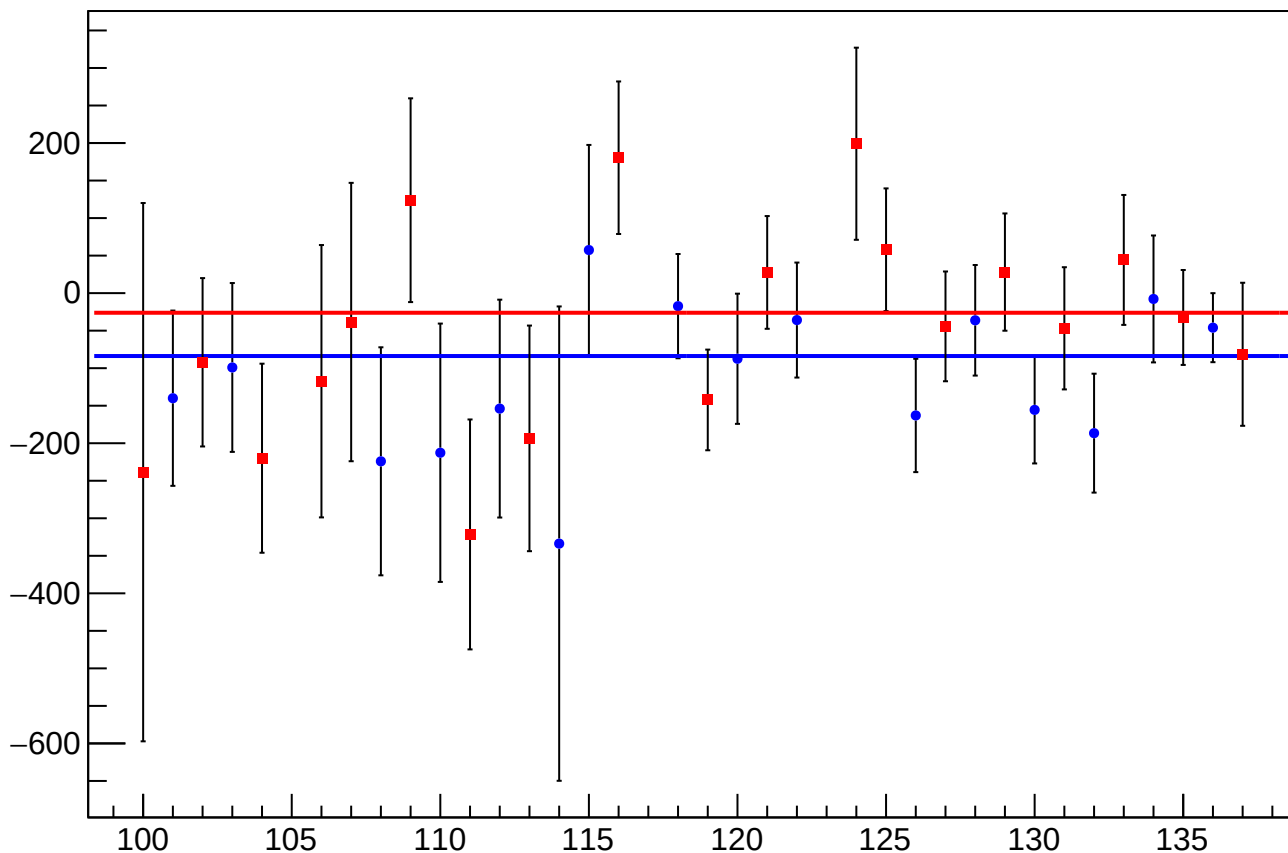
Right: 225.471+/-0.047 χ^2/NDF : 6540963.0/34

In: 224.042+/-0.066 χ^2/NDF :2968059.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 225.471+/-0.047 χ^2/NDF : 6540963.0/34

eigen_cor_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -83.805 ± 21.434 χ^2/NDF : 10.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -26.142 ± 22.069 χ^2/NDF : 22.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

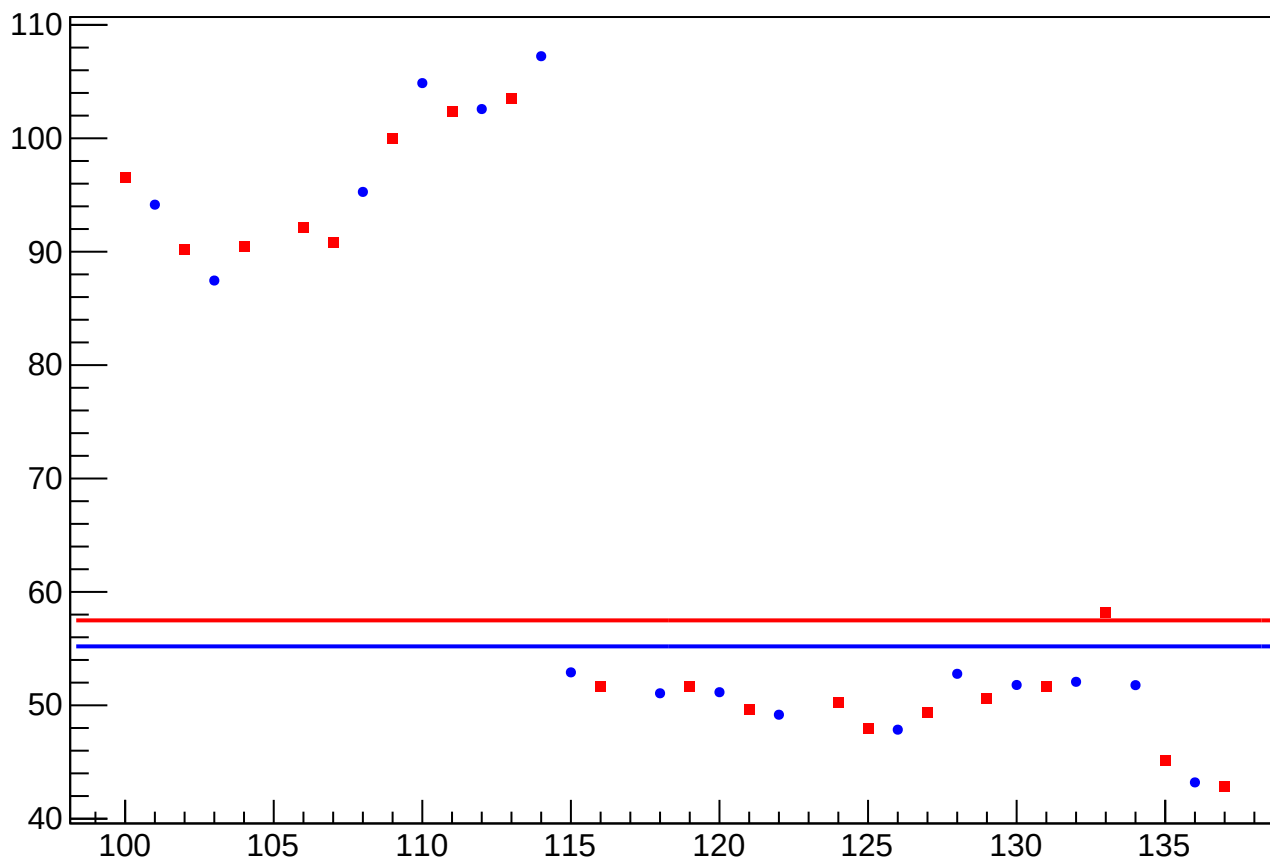
Right: -55.815 ± 15.376 χ^2/NDF : 37.0/34

In: -83.805 ± 21.434 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.815 ± 15.376 χ^2/NDF : 37.0/34

eigen_cor_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.490+/-0.016 χ^2/NDF : 1274387.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

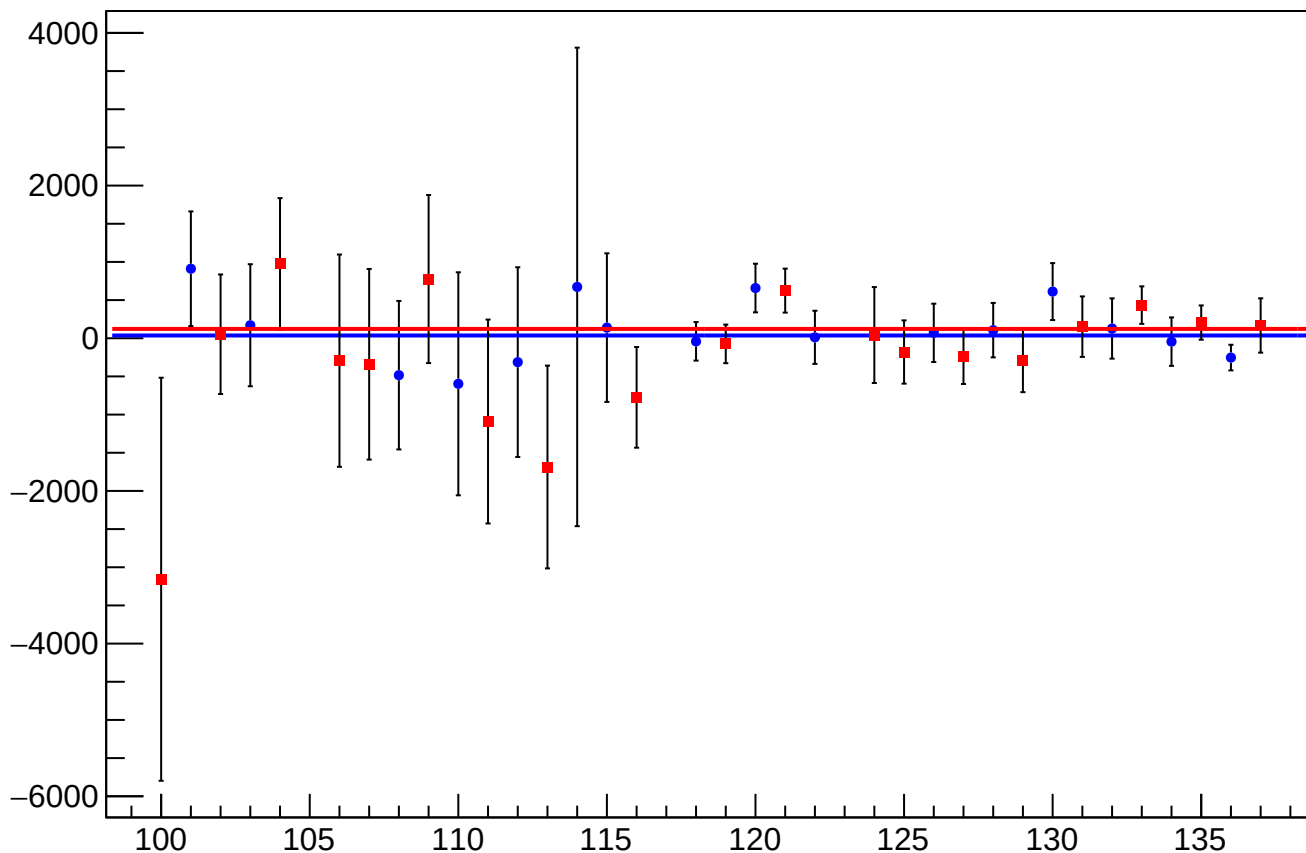
Right: 56.311+/-0.011 χ^2/NDF : 2438075.6/34

In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.311+/-0.011 χ^2/NDF : 2438075.6/34

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.289+/-95.865 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

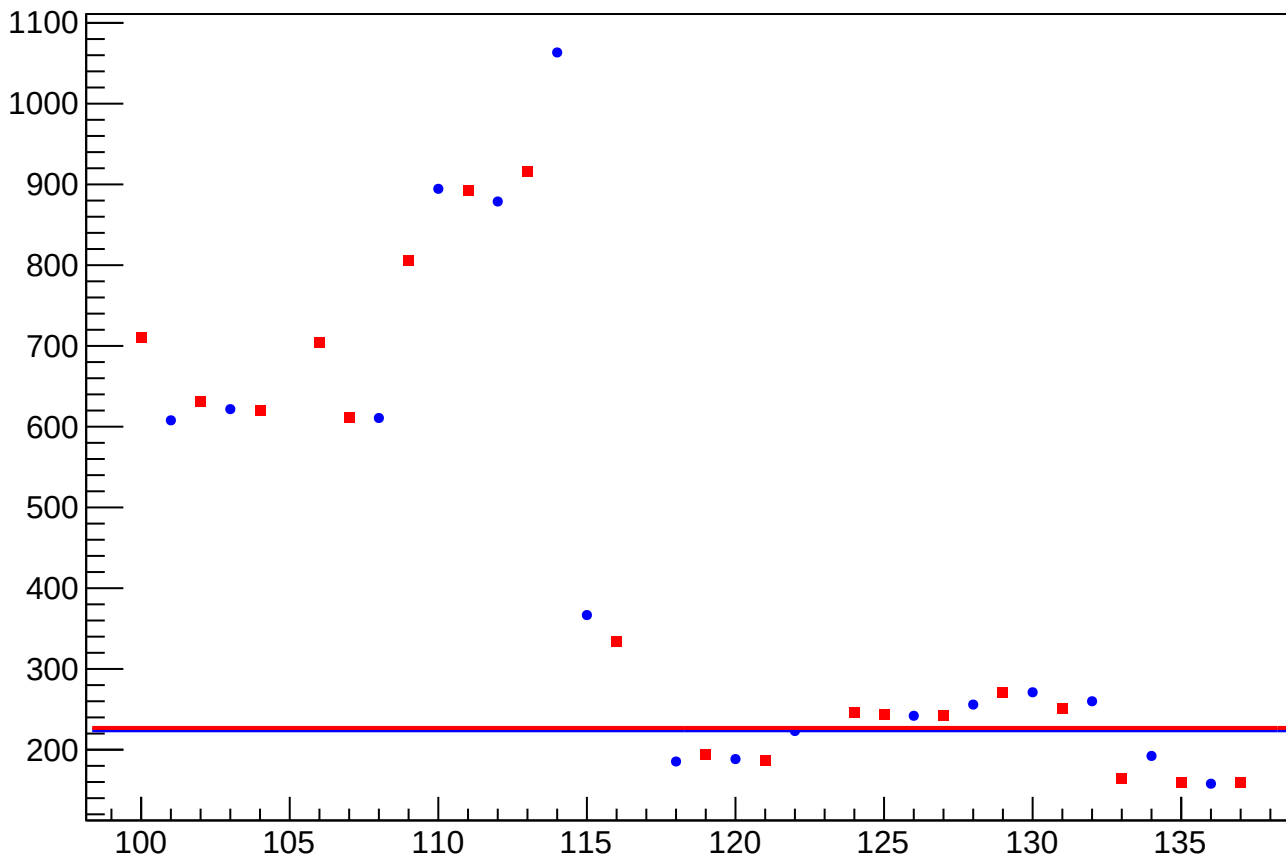
Right: 78.263+/-66.958 χ^2/NDF : 27.4/34

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.263+/-66.958 χ^2/NDF : 27.4/34

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 224.042+/-0.066 χ^2/NDF : 2968059.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 226.971+/-0.068 χ^2/NDF : 3571946.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

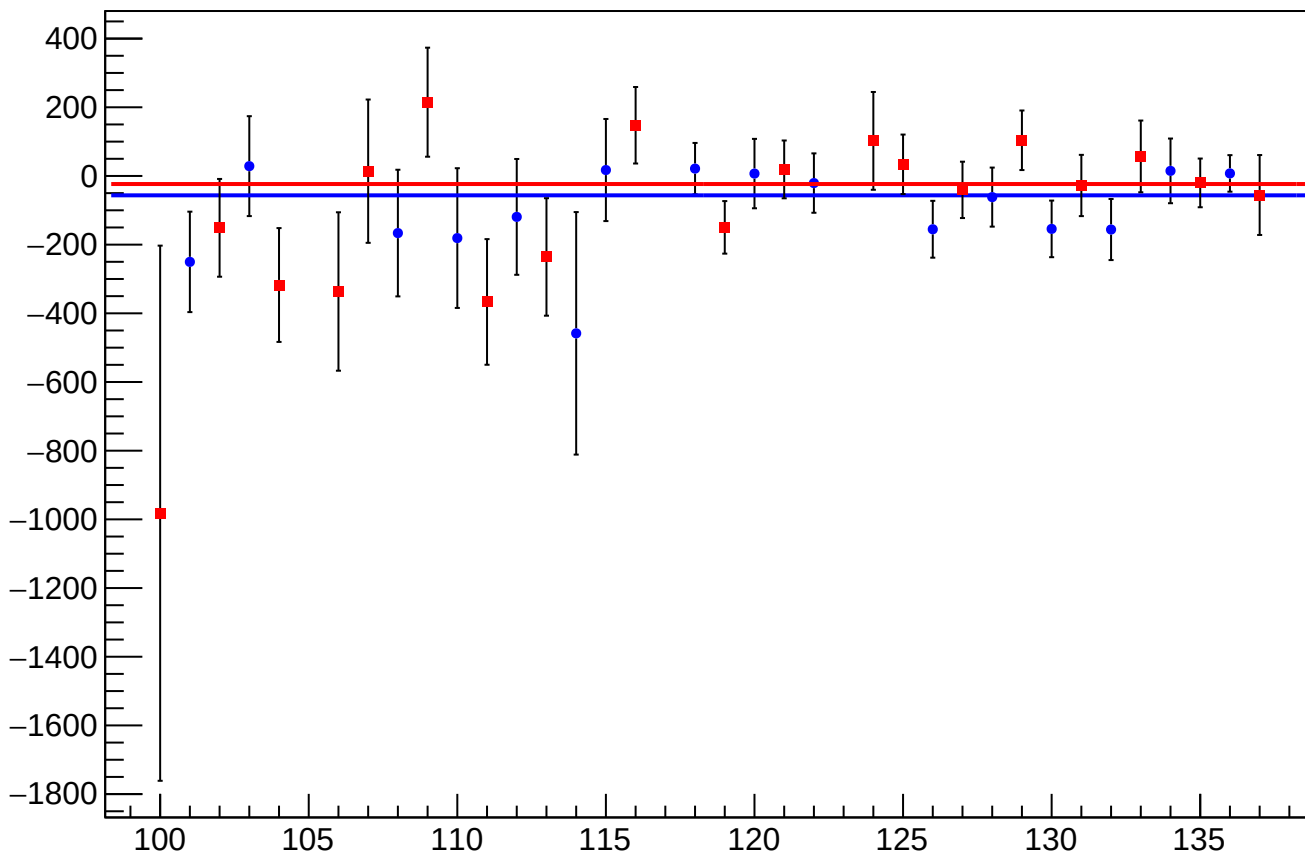
Right: 225.471+/-0.047 χ^2/NDF : 6540963.0/34

In: 224.042+/-0.066 χ^2/NDF : 2968059.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.471+/-0.047 χ^2/NDF : 6540963.0/34

dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -56.414 ± 24.489 χ^2/NDF : 12.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.495 ± 25.161 χ^2/NDF : 24.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

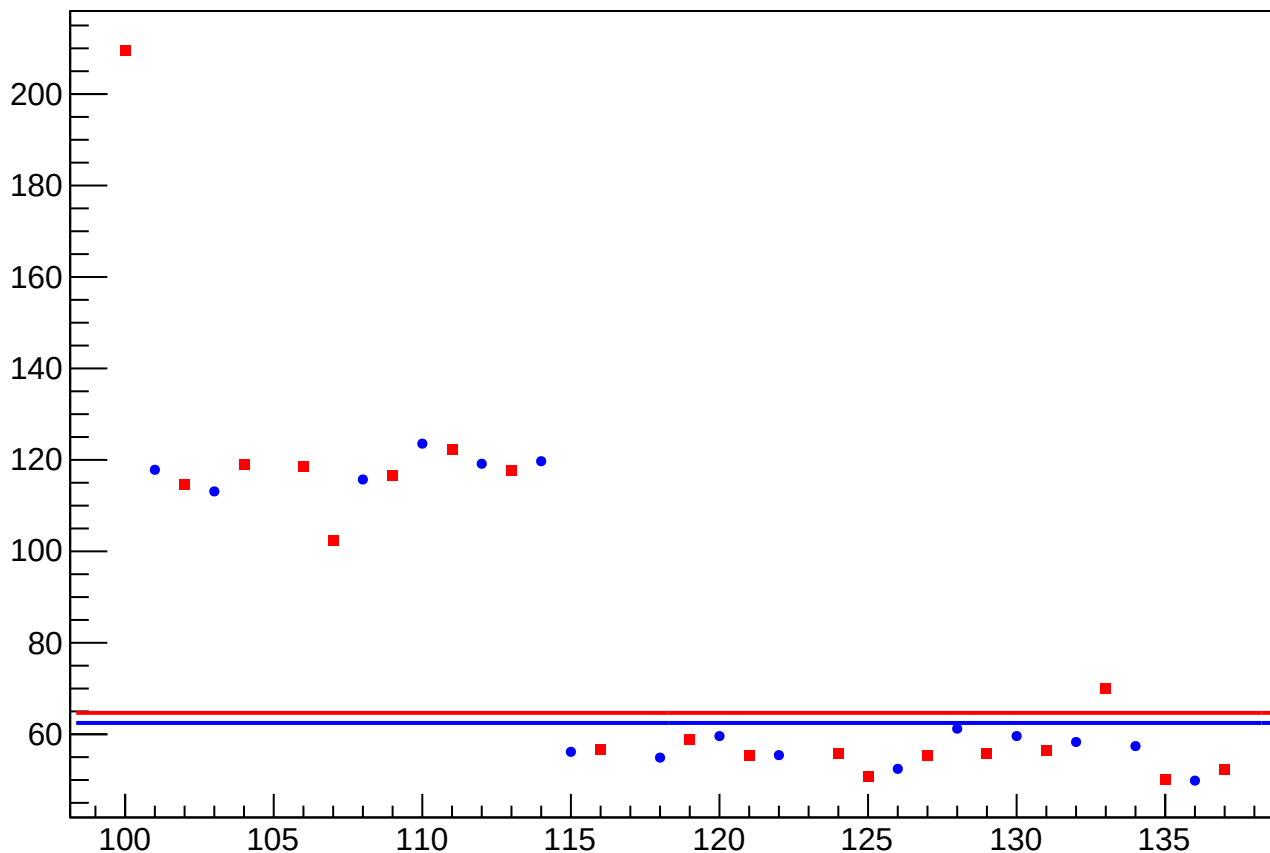
Right: -40.400 ± 17.549 χ^2/NDF : 37.2/34

In: -56.414 ± 24.489 χ^2/NDF : 12.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.400 ± 17.549 χ^2/NDF : 37.2/34

dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 62.474+/-0.017 χ^2/NDF : 1348224.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.680+/-0.018 χ^2/NDF : 1590446.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

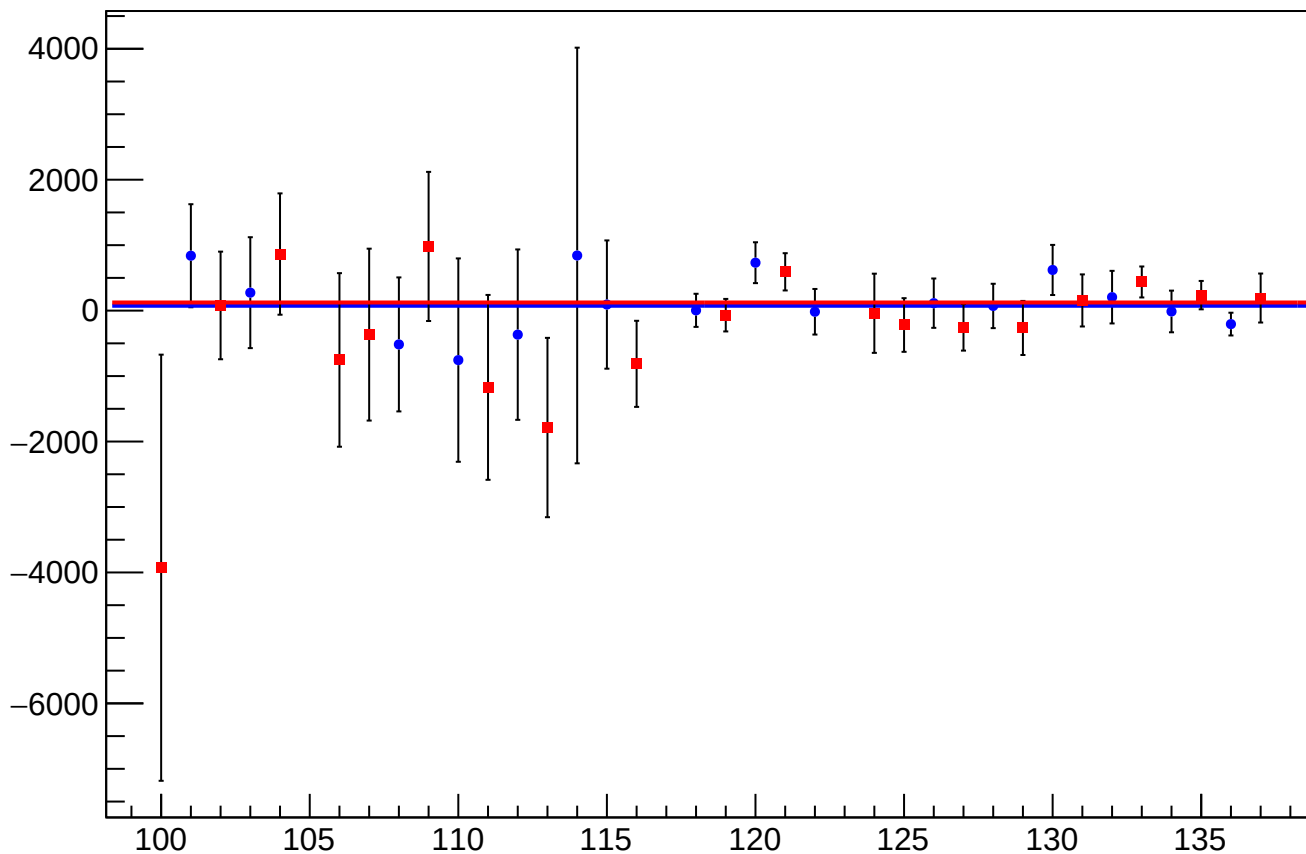
Right: 63.547+/-0.012 χ^2/NDF : 2946567.9/34

In: 62.474+/-0.017 χ^2/NDF : 1348224.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.547+/-0.012 χ^2/NDF : 2946567.9/34

asym_sam_37_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 74.294+/-94.492 χ^2/NDF : 11.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.201+/-94.665 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

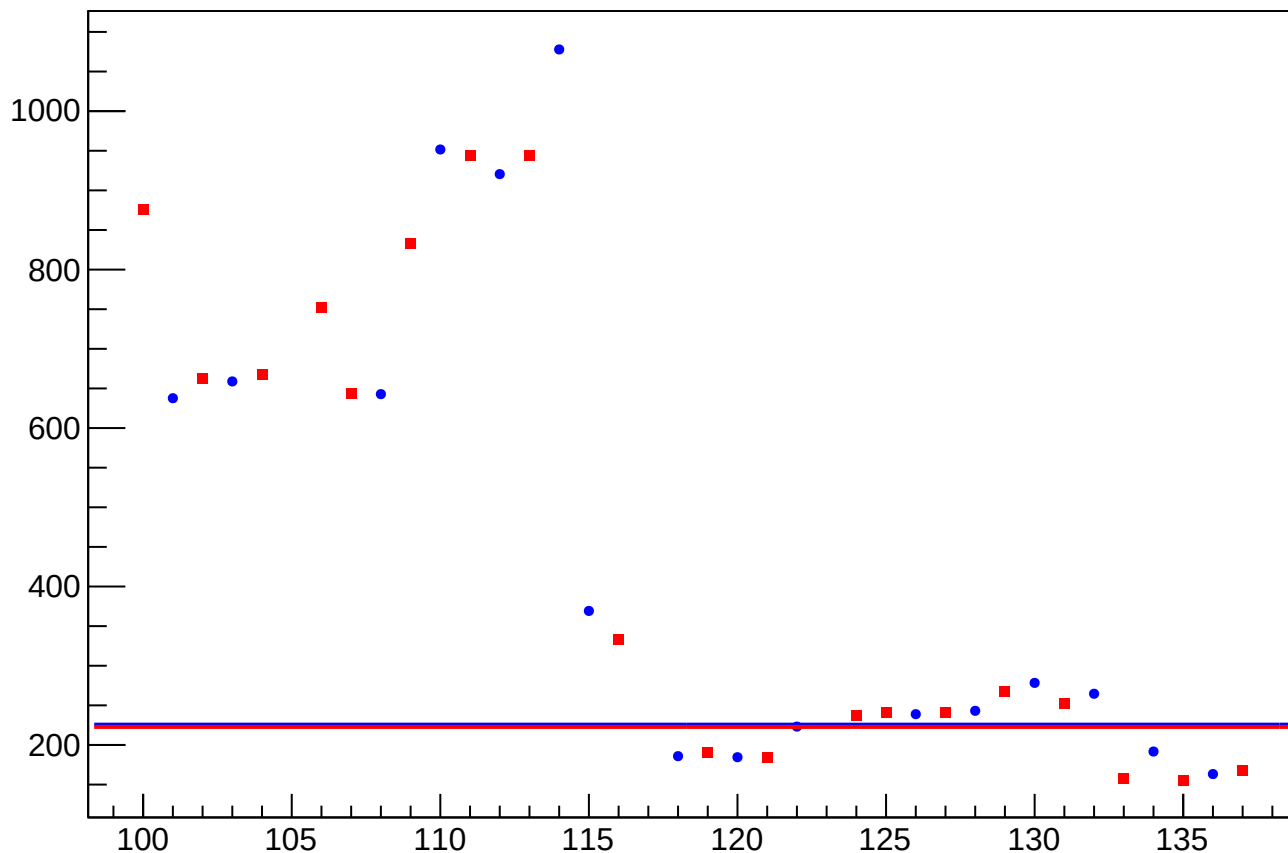
Right: 99.202+/-66.877 χ^2/NDF : 27.7/34

In: 74.294+/-94.492 χ^2/NDF : 11.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.202+/-66.877 χ^2/NDF : 27.7/34

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 225.614+/-0.067 χ^2/NDF : 3026007.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 222.786+/-0.067 χ^2/NDF : 3848156.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

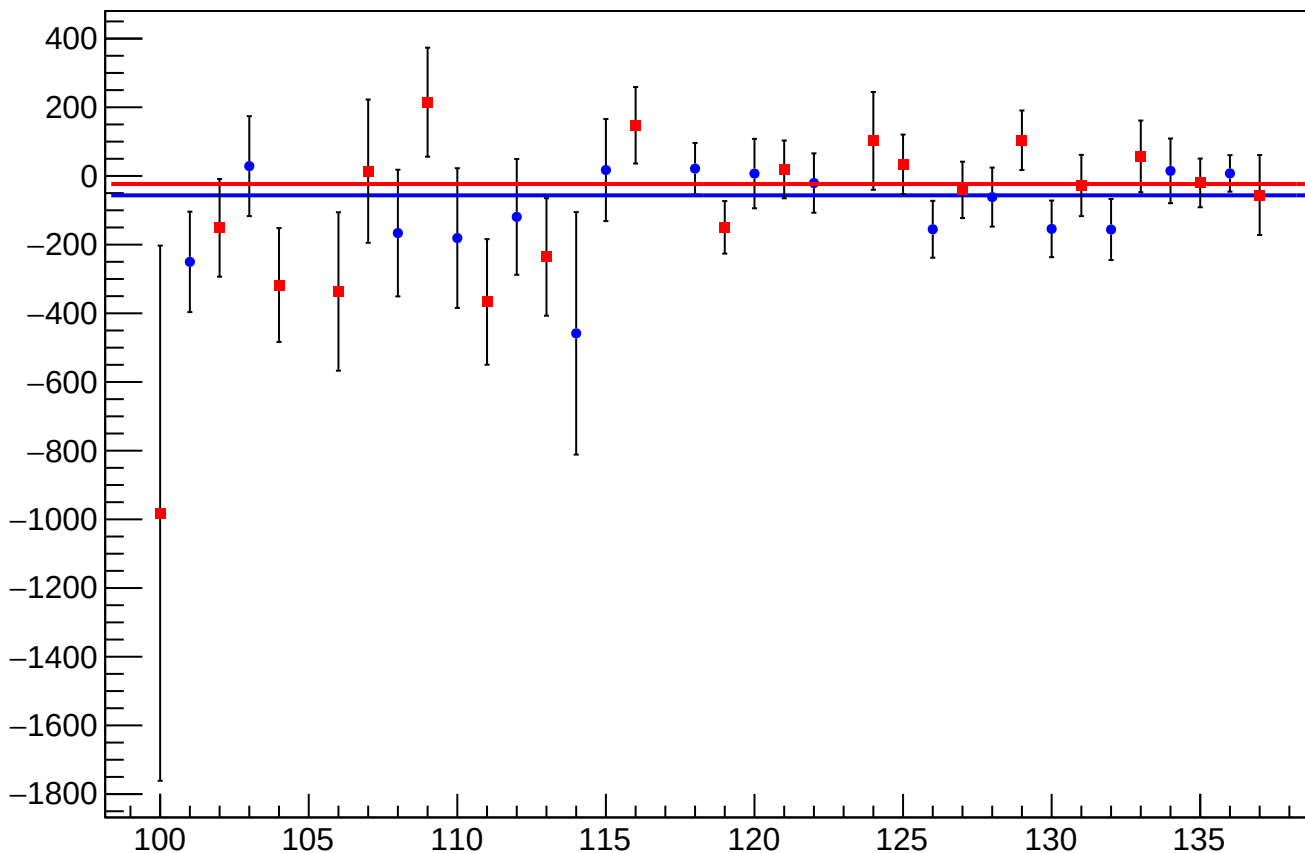
Right: 224.203+/-0.047 χ^2/NDF : 6875057.9/34

In: 225.614+/-0.067 χ^2/NDF : 3026007.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 224.203+/-0.047 χ^2/NDF : 6875057.9/34

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -56.415 ± 24.489 χ^2/NDF : 12.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -23.498 ± 25.160 χ^2/NDF : 24.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

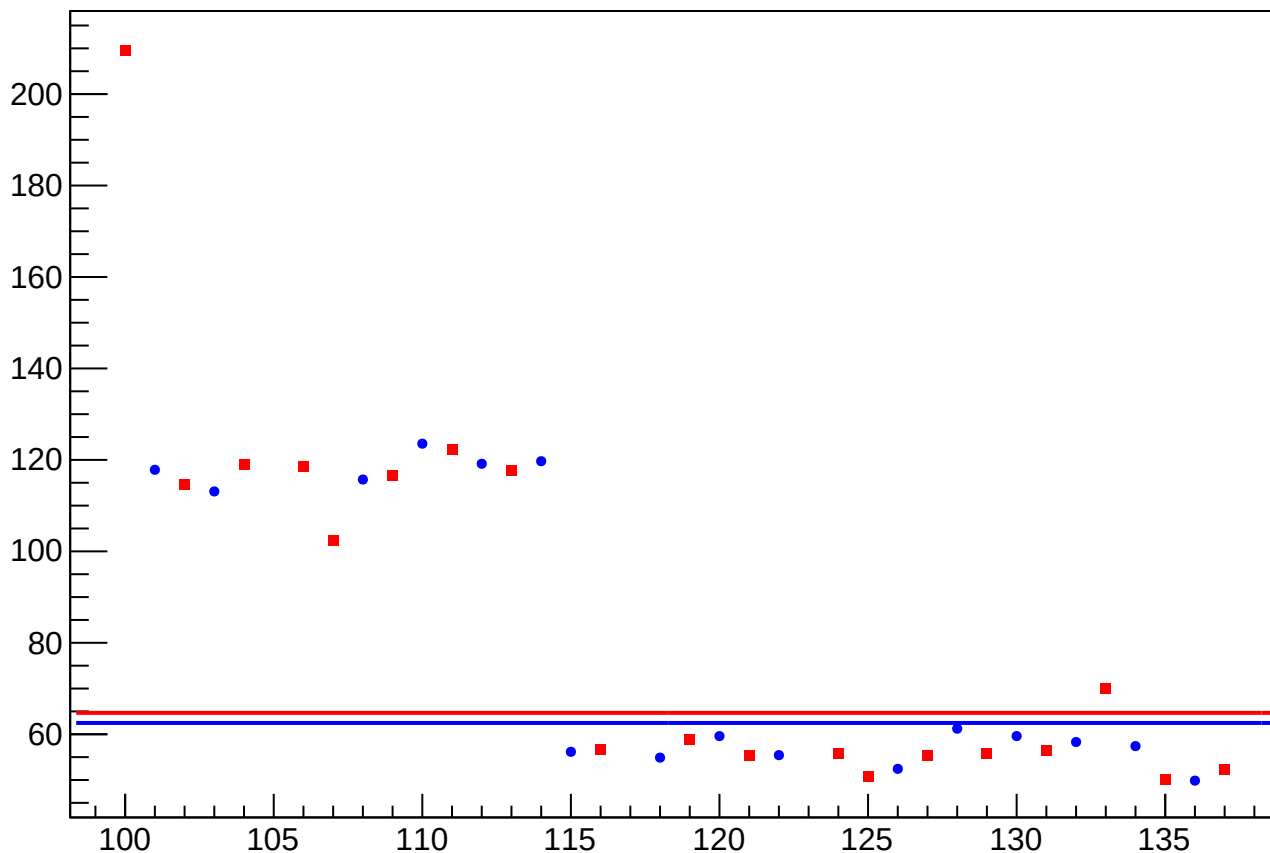
Right: -40.402 ± 17.549 χ^2/NDF : 37.2/34

In: -56.415 ± 24.489 χ^2/NDF : 12.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.402 ± 17.549 χ^2/NDF : 37.2/34

eigen_dit_asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 62.474+/-0.017 χ^2/NDF : 1348204.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.680+/-0.018 χ^2/NDF : 1590426.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

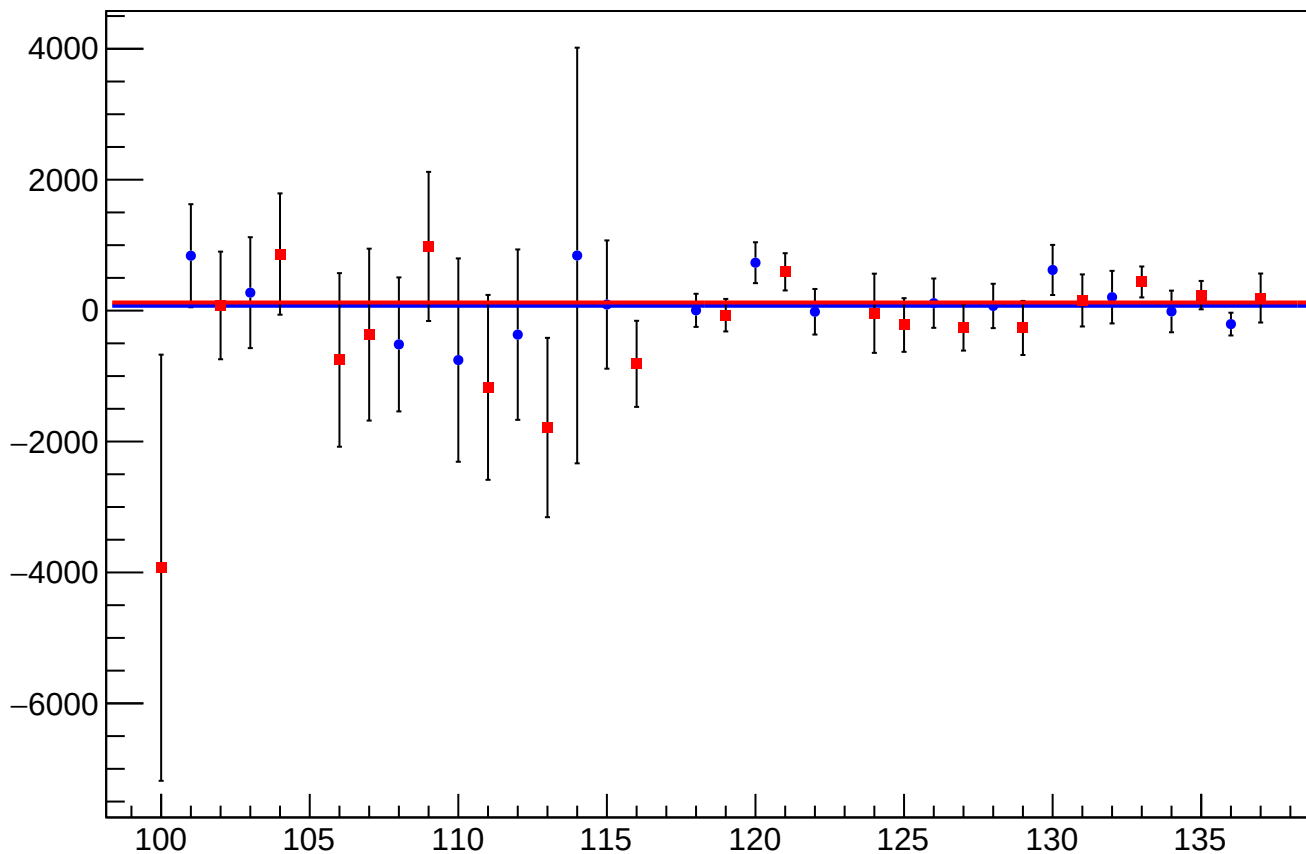
Right: 63.547+/-0.012 χ^2/NDF : 2946529.3/34

In: 62.474+/-0.017 χ^2/NDF : 1348204.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.547+/-0.012 χ^2/NDF : 2946529.3/34

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 74.295+/-94.492 χ^2/NDF : 11.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.199+/-94.666 χ^2/NDF : 16.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

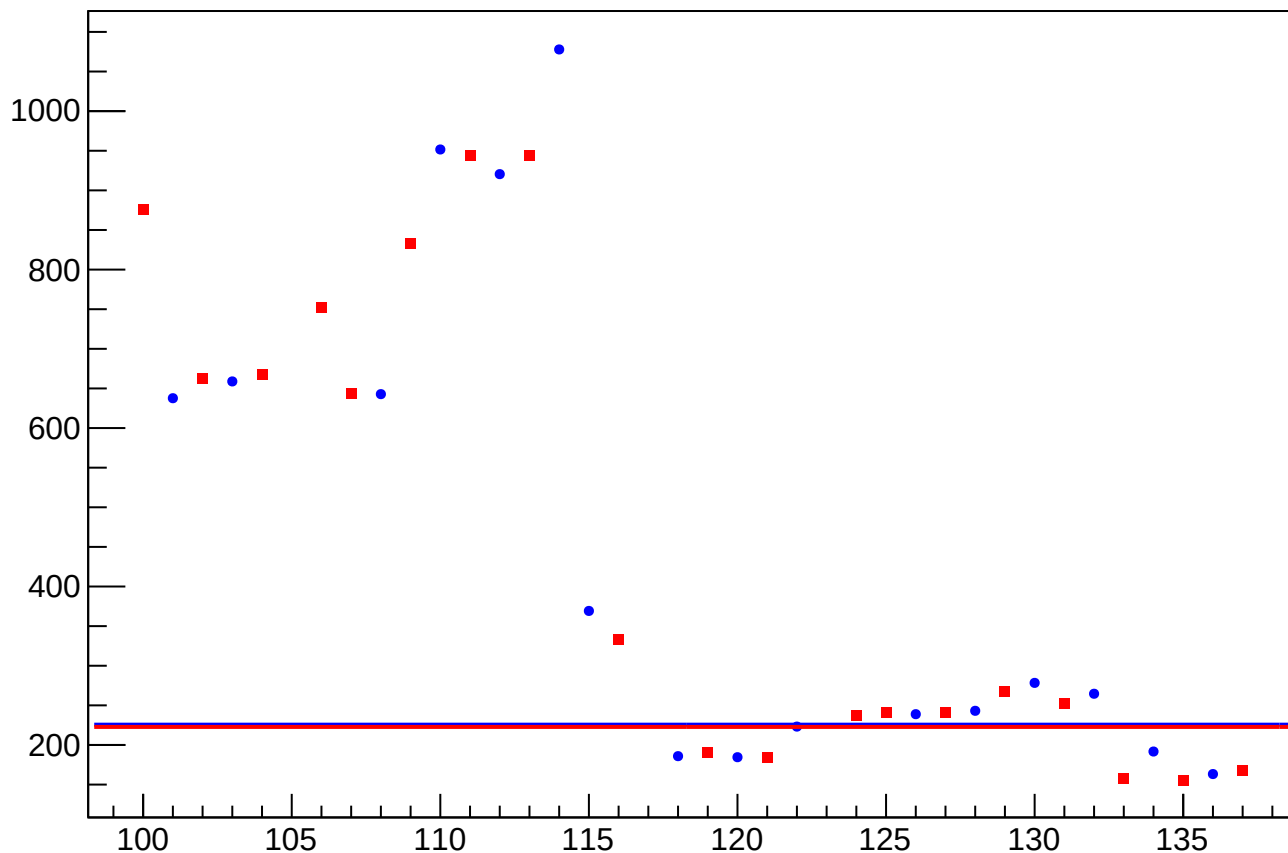
Right: 99.201+/-66.877 χ^2/NDF : 27.7/34

In: 74.295+/-94.492 χ^2/NDF : 11.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.201+/-66.877 χ^2/NDF : 27.7/34

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 225.614+/-0.067 χ^2/NDF : 3025994.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 222.787+/-0.067 χ^2/NDF : 3848136.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

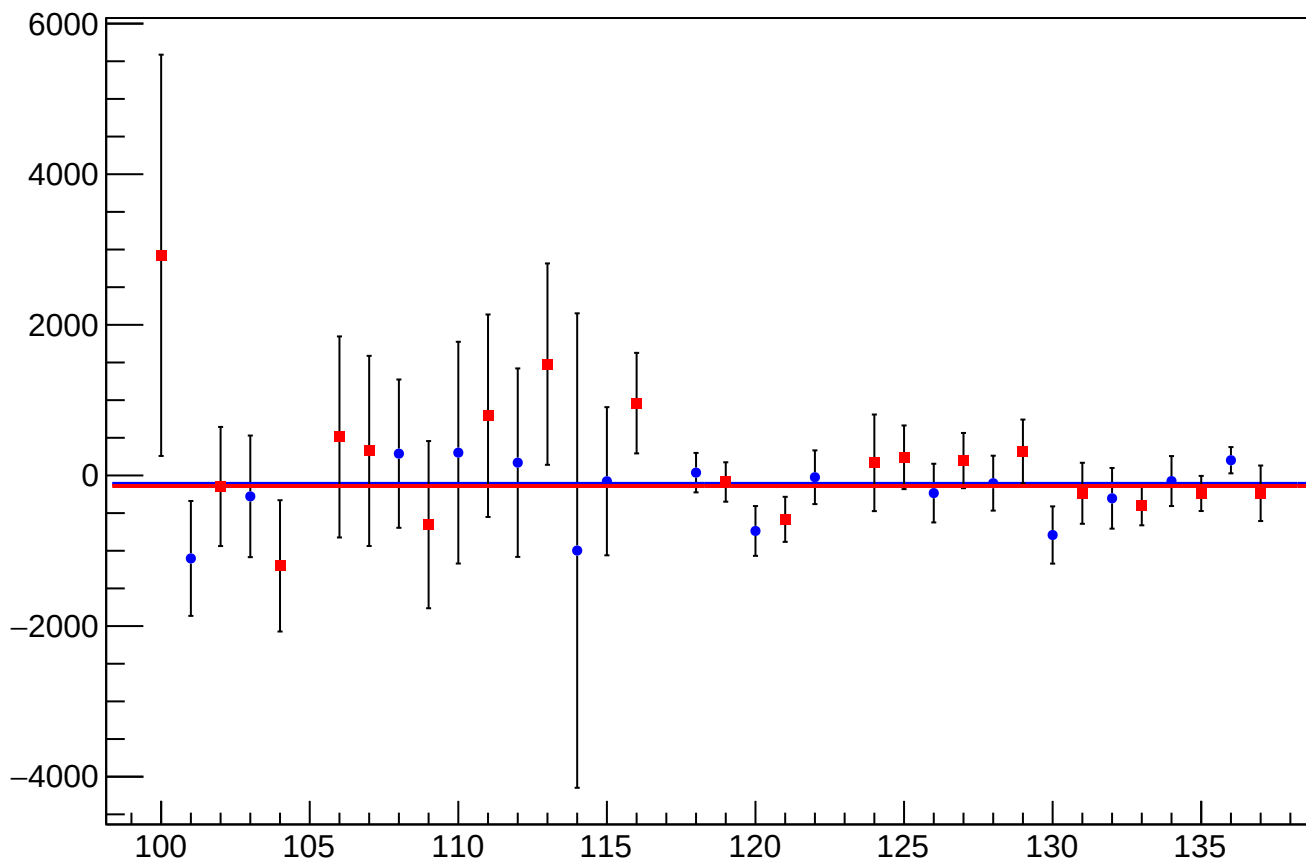
Right: 224.203+/-0.047 χ^2/NDF : 6875025.2/34

In: 225.614+/-0.067 χ^2/NDF :3025994.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 224.203+/-0.047 χ^2/NDF : 6875025.2/34

asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -111.916+/-96.551 χ^2/NDF : 12.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -139.974+/-99.174 χ^2/NDF : 14.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

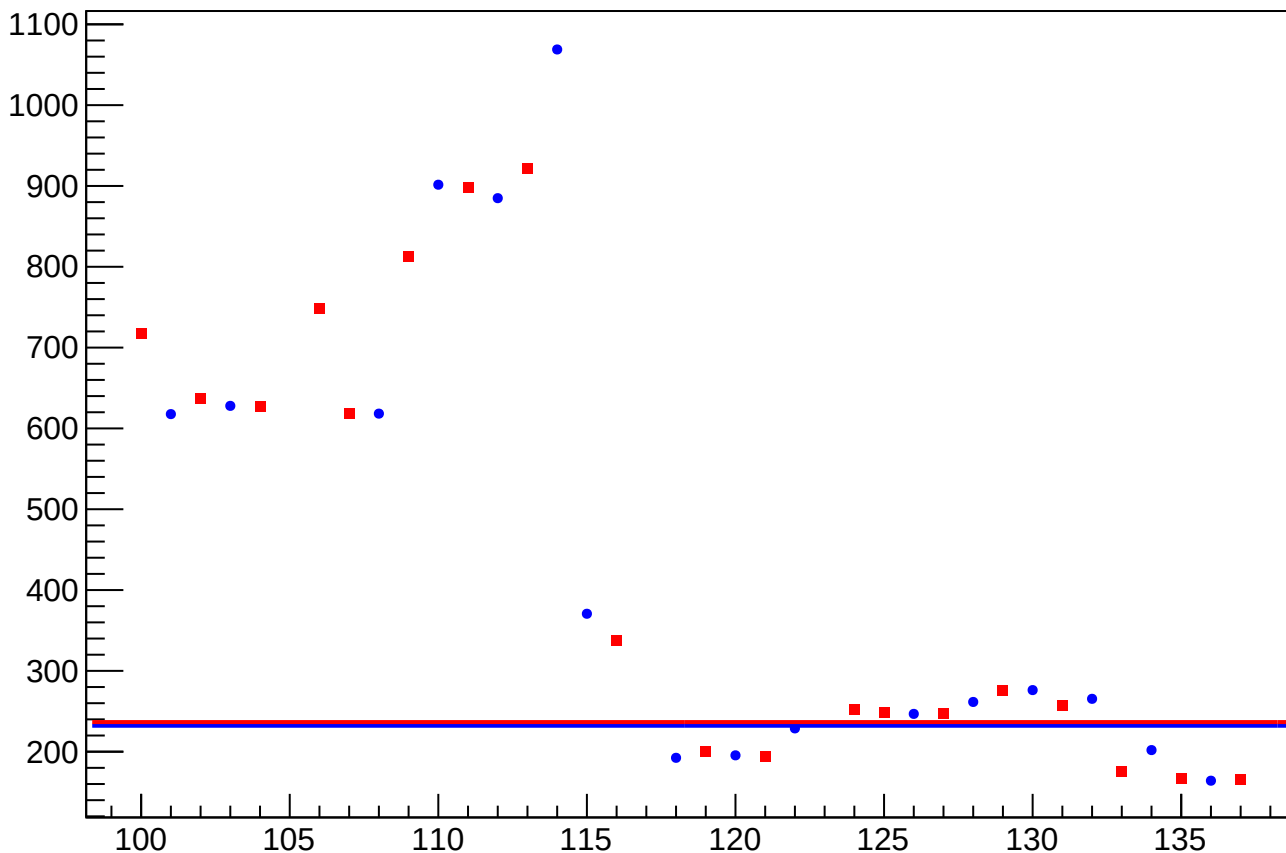
Right: -125.569+/-69.180 χ^2/NDF : 27.5/34

In: -111.916+/-96.551 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -125.569+/-69.180 χ^2/NDF : 27.5/34

asym_sam_37_26_dd_rms vs Slug, Sign Corrected



Right In: 232.107+/-0.068 χ^2/NDF : 2885510.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 236.647+/-0.070 χ^2/NDF : 3521033.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

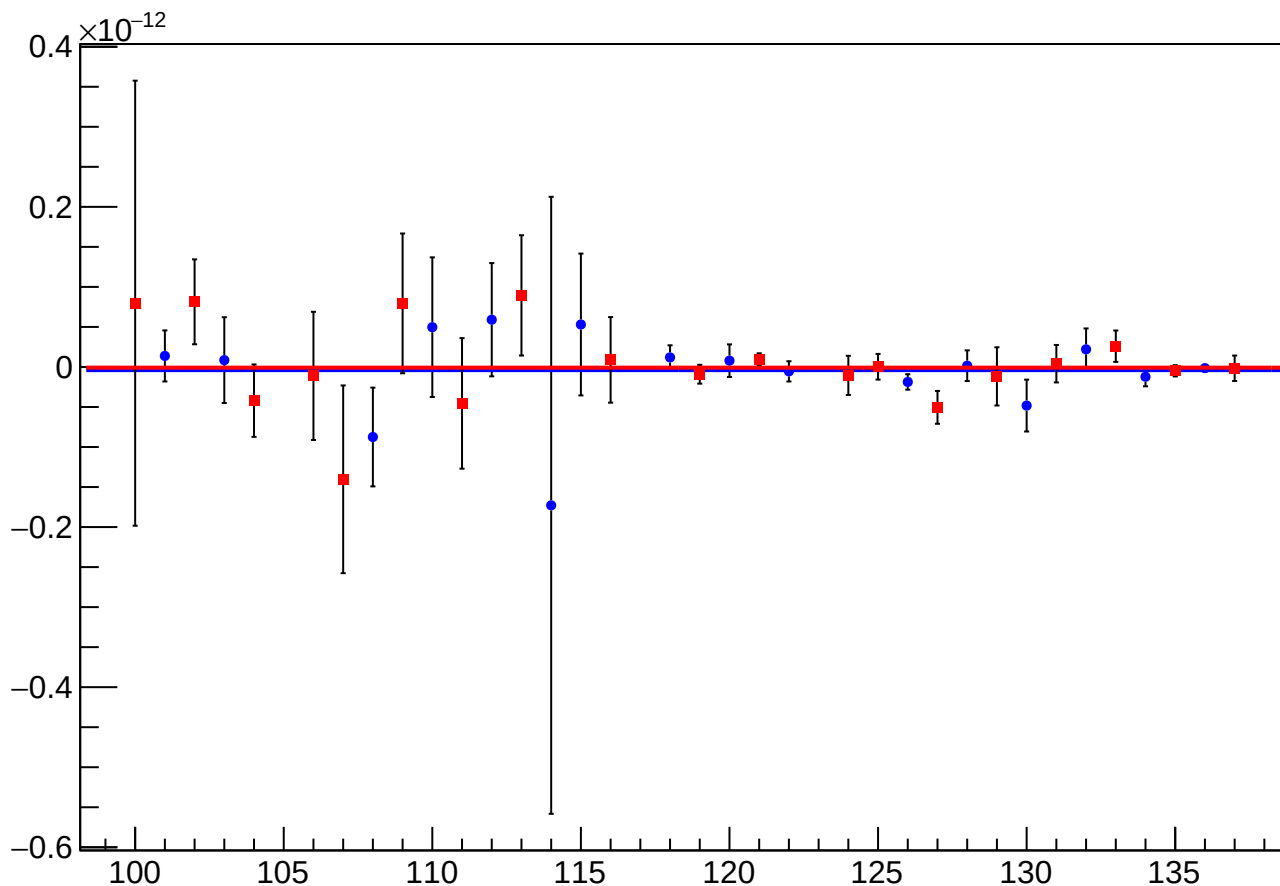
Right: 234.316+/-0.049 χ^2/NDF : 6408696.2/34

In: 232.107+/-0.068 χ^2/NDF : 2885510.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.316+/-0.049 χ^2/NDF : 6408696.2/34

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

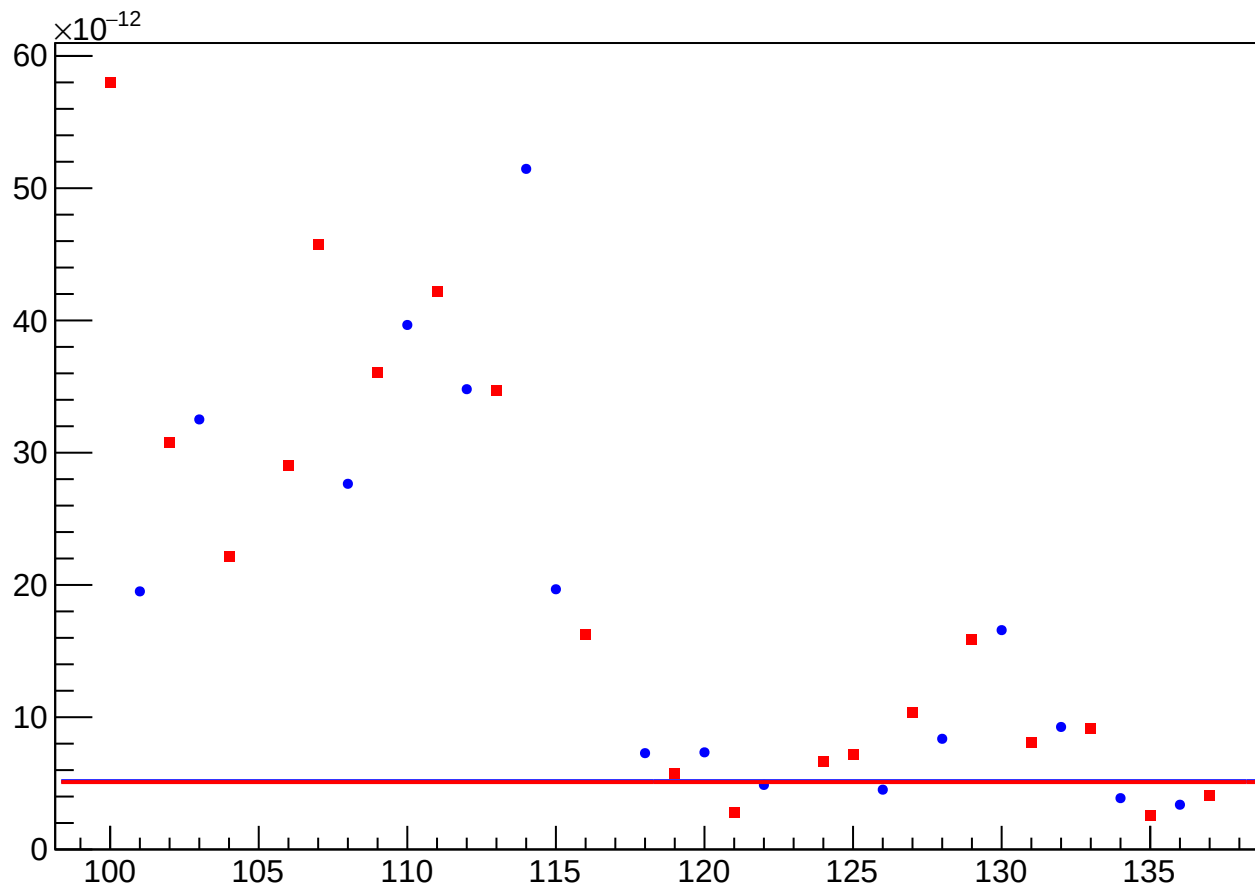
Right: -0.000+/-0.000 χ^2/NDF : 29.8/34

In: -0.000+/-0.000 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.8/34

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2618432.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3236196.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

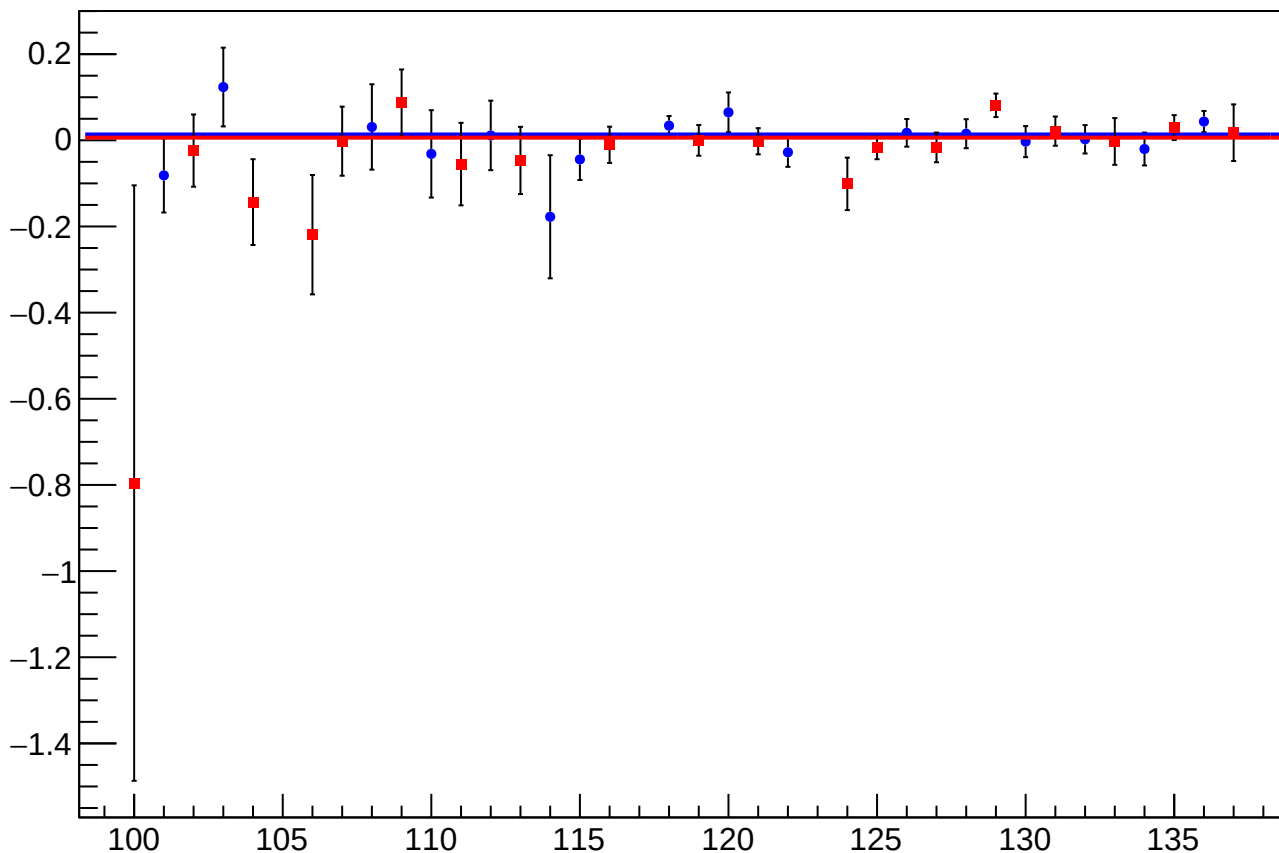
Right: 0.000+/-0.000 χ^2/NDF : 5854929.1/34

In: 0.000+/-0.000 χ^2/NDF : 2618432.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5854929.1/34

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.010 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.010 χ^2 /NDF: 21.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

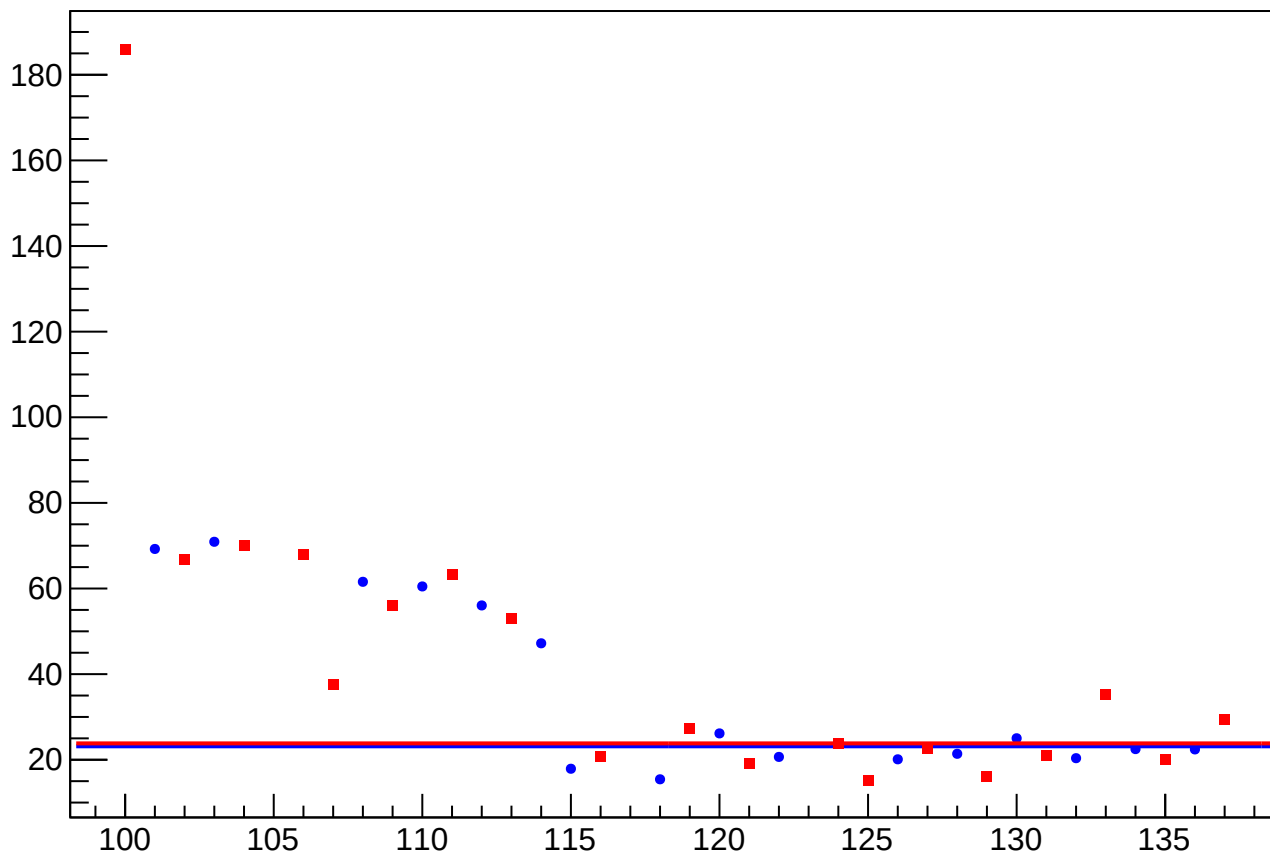
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

In: 0.014 $\pm$ 0.010 χ^2 /NDF:12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.145+/-0.007 χ^2/NDF : 2406426.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.825+/-0.007 χ^2/NDF : 2898916.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

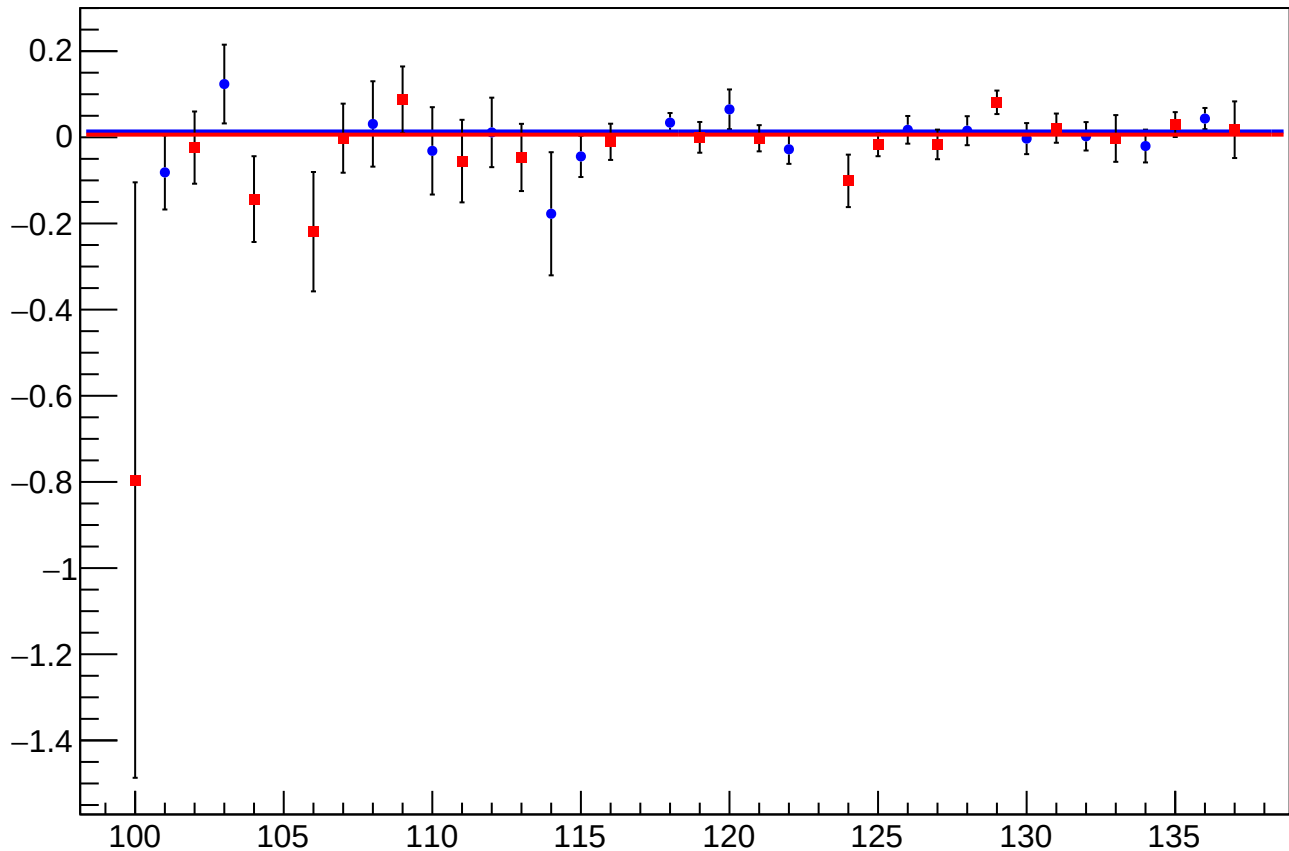
Right: 23.477+/-0.005 χ^2/NDF : 5310004.0/34

In: 23.145+/-0.007 χ^2/NDF : 2406426.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.477+/-0.005 χ^2/NDF : 5310004.0/34

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.010 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.010 χ^2 /NDF: 21.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

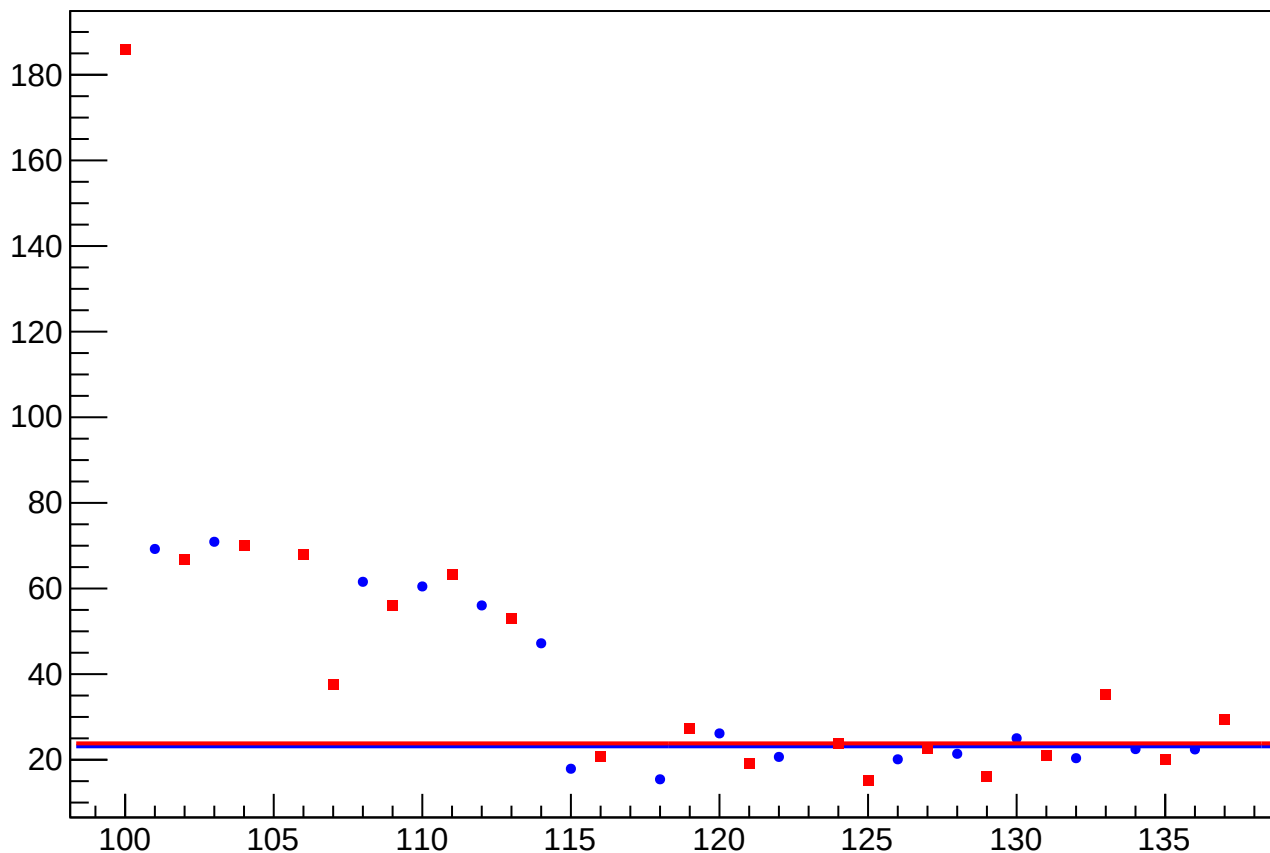
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

In: 0.014 $\pm$ 0.010 χ^2 /NDF:12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.145+/-0.007 χ^2/NDF : 2406426.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.825+/-0.007 χ^2/NDF : 2898916.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

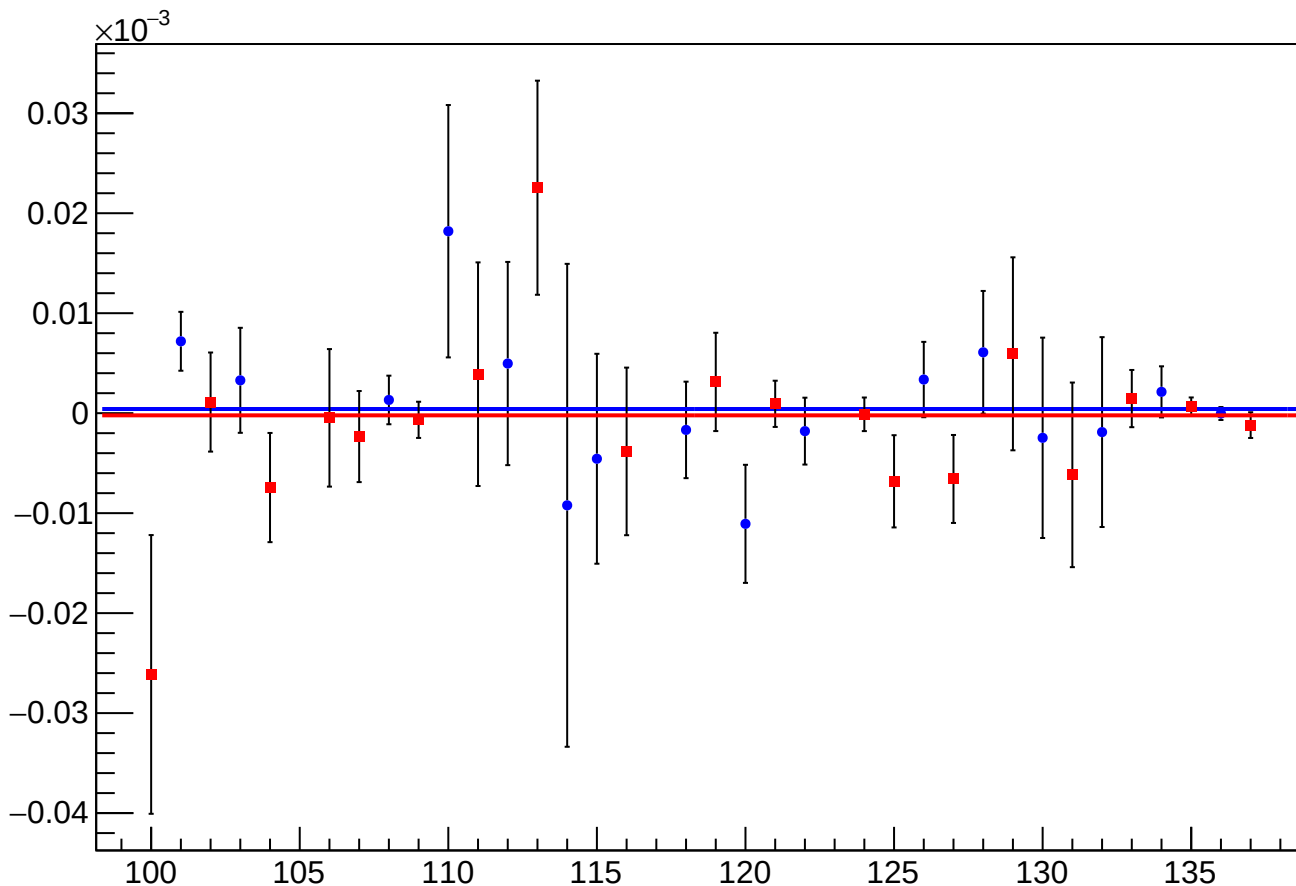
Right: 23.477+/-0.005 χ^2/NDF : 5310004.0/34

In: 23.145+/-0.007 χ^2/NDF : 2406426.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.477+/-0.005 χ^2/NDF : 5310004.0/34

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

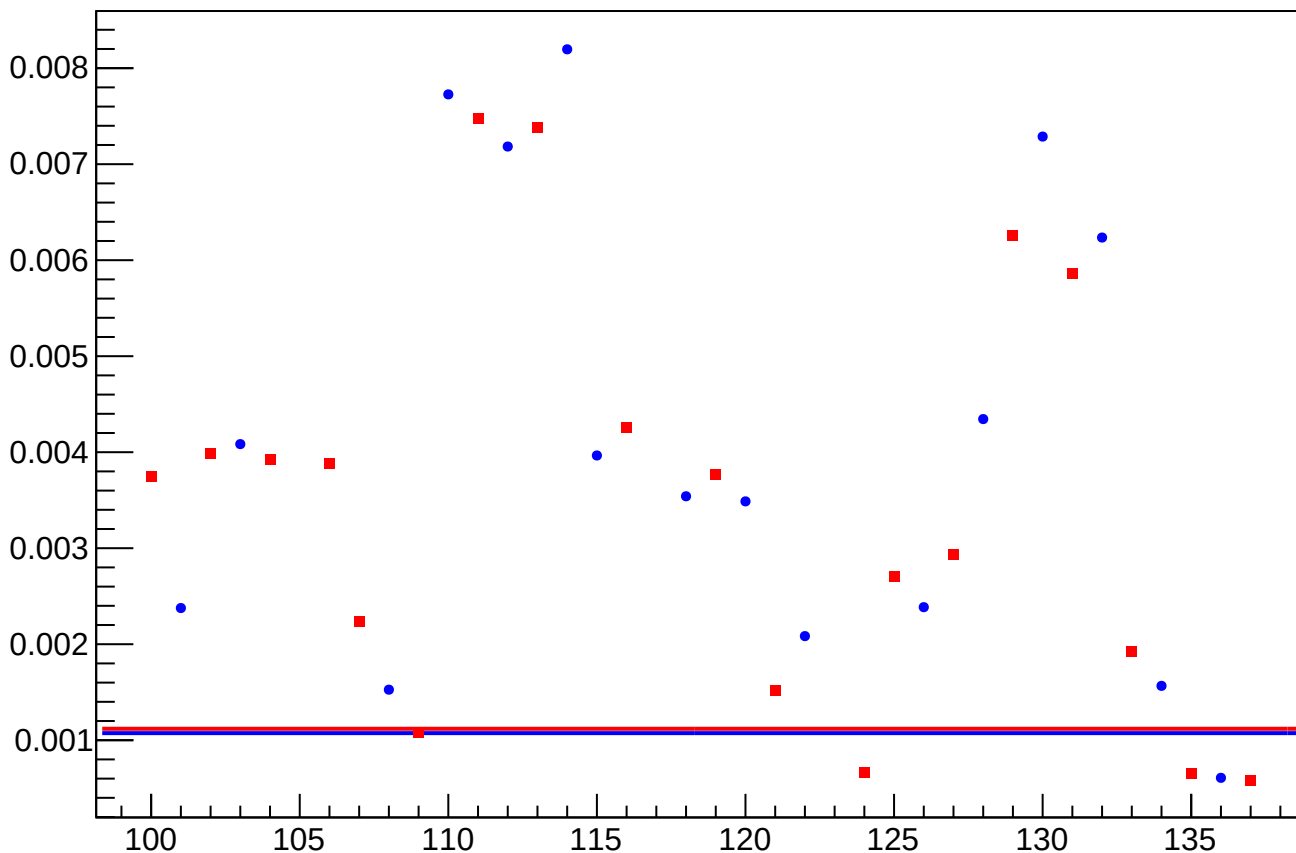
Right: 0.000+/-0.000 χ^2/NDF : 33.8/34

In: 0.000+/-0.000 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.8/34

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000

χ^2/NDF : 7045313.7/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 6796343.2/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 13848160.8/34

In: 0.001+/-0.000

χ^2/NDF : 7045313.7/15

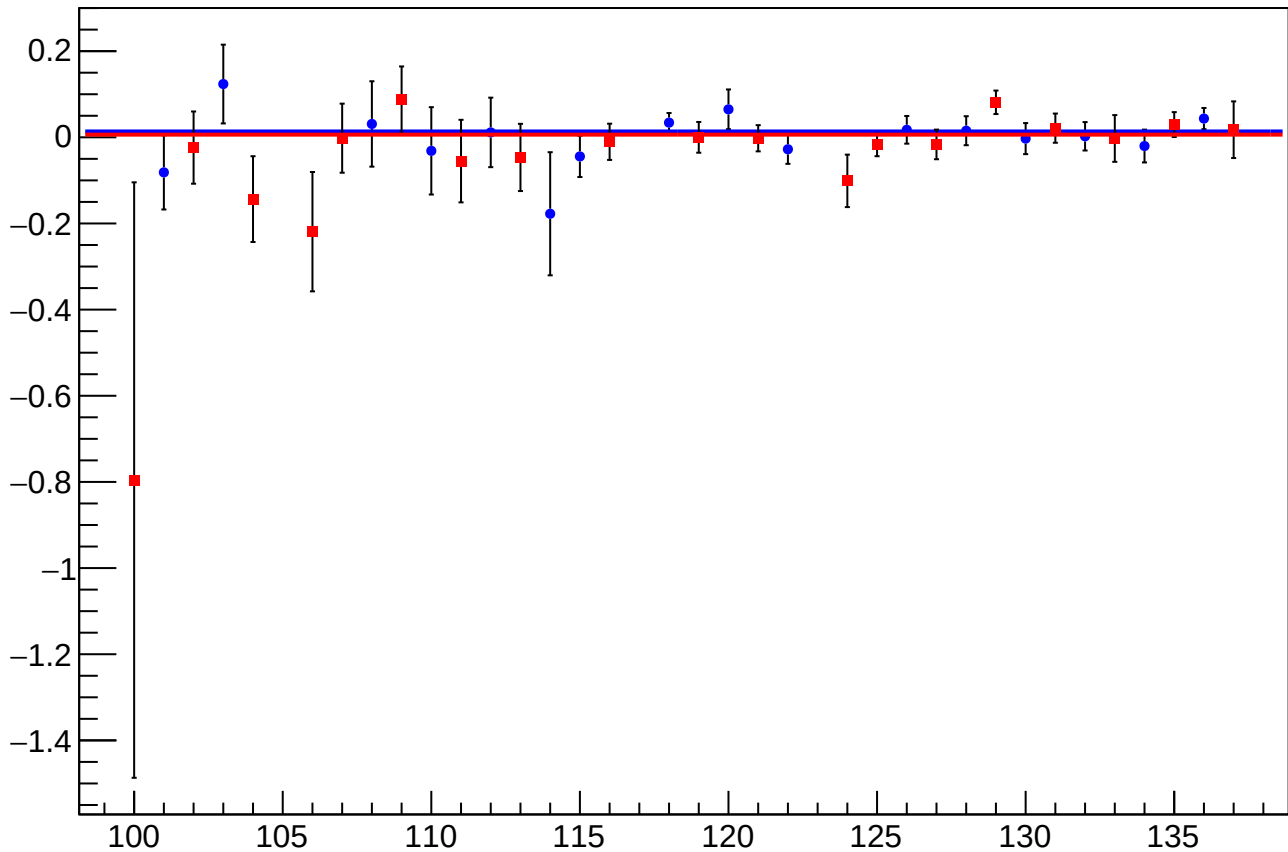
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 13848160.8/34

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014+/-0.010 χ^2/NDF : 12.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.010 χ^2/NDF : 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

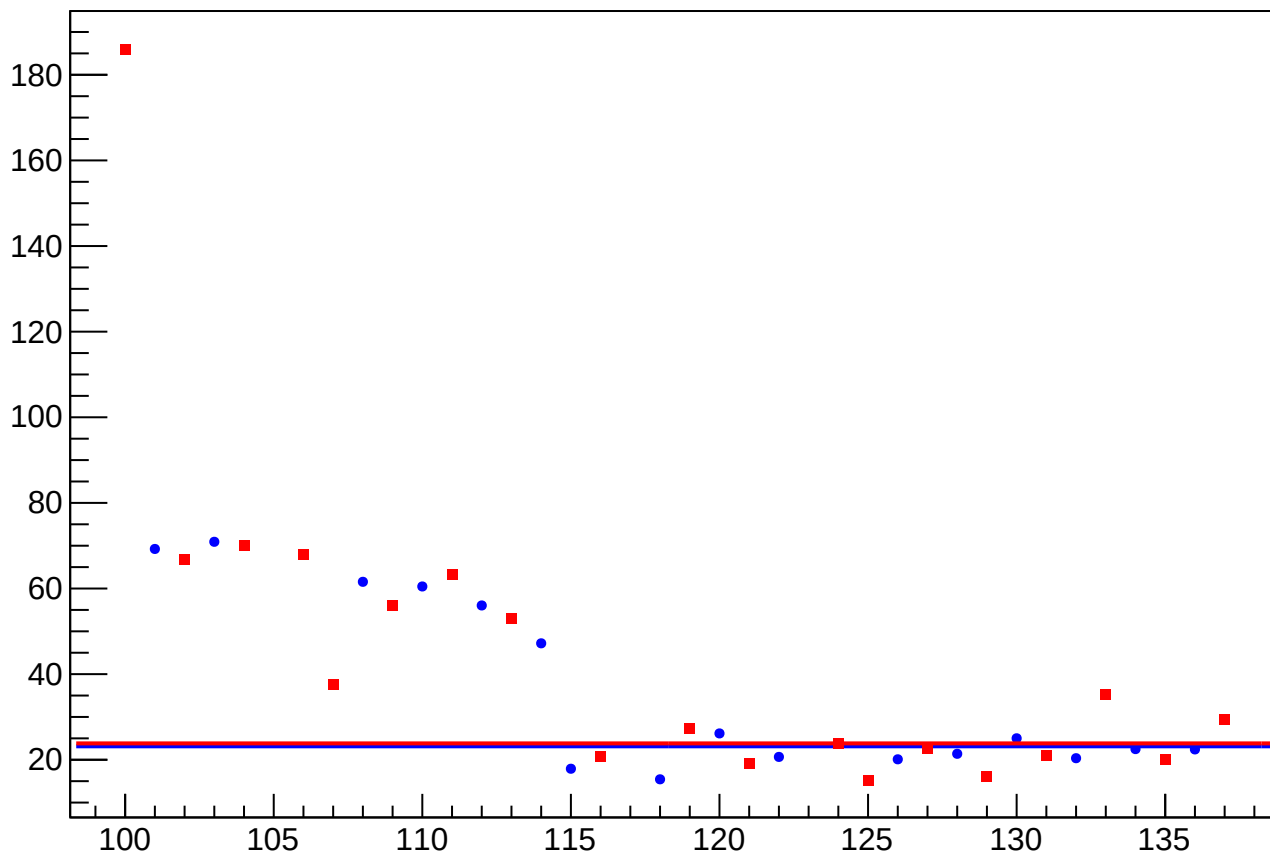
Right: 0.010+/-0.007 χ^2/NDF : 34.1/34

In: 0.014+/-0.010 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.007 χ^2/NDF : 34.1/34

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.824+/-0.007 χ^2/NDF : 2898863.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

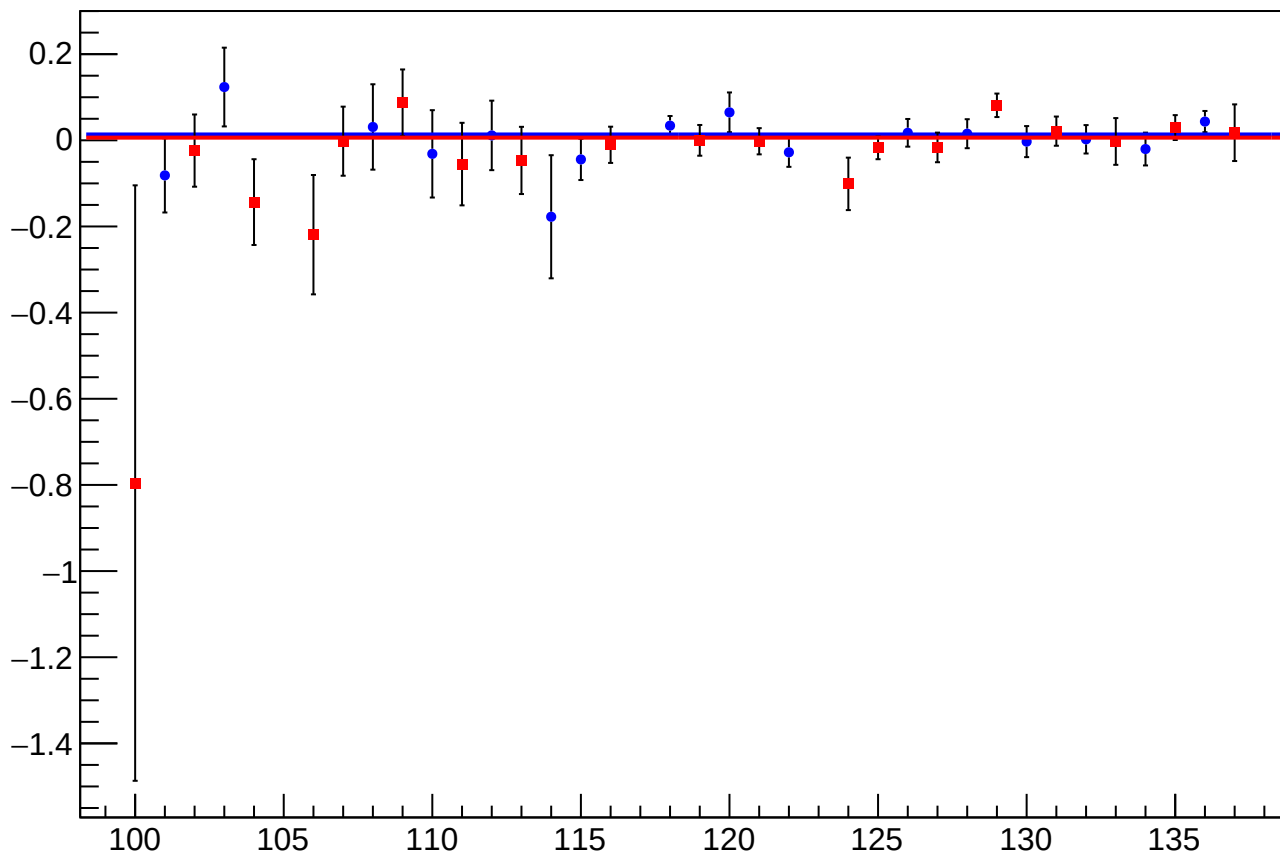
Right: 23.476+/-0.005 χ^2/NDF : 5309985.6/34

In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.476+/-0.005 χ^2/NDF : 5309985.6/34

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.010 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.010 χ^2 /NDF: 21.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

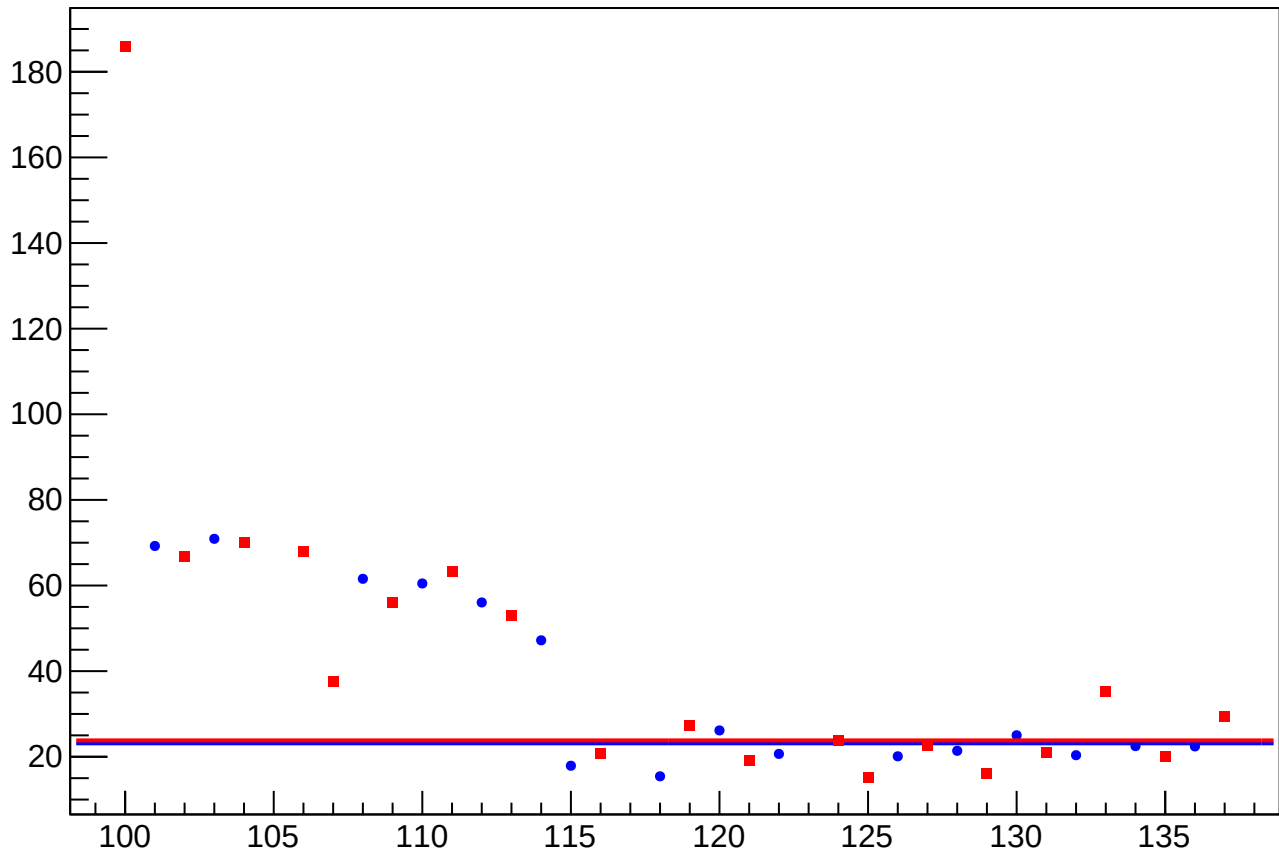
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

In: 0.014 $\pm$ 0.010 χ^2 /NDF:12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.1/34

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.824+/-0.007 χ^2/NDF : 2898863.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

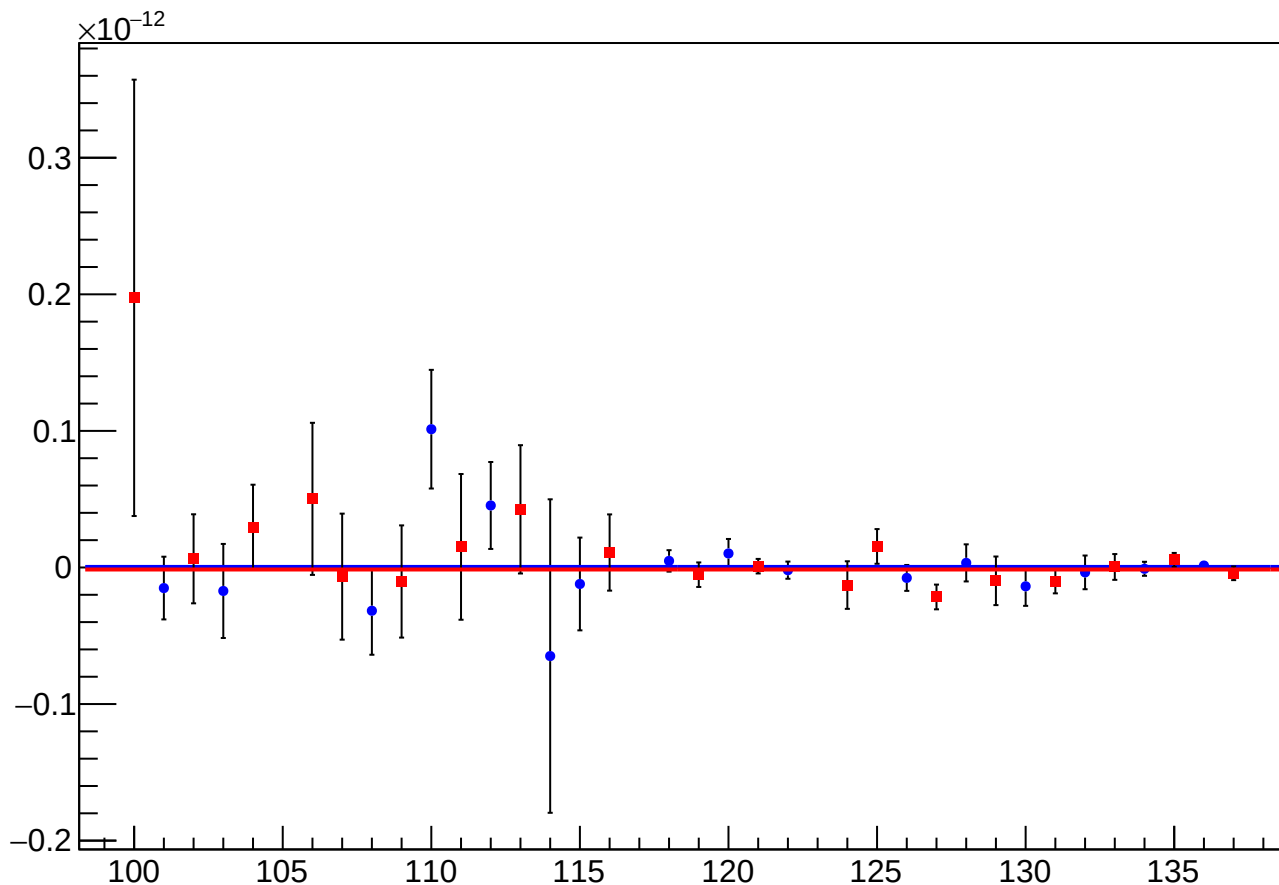
Right: 23.476+/-0.005 χ^2/NDF : 5309985.6/34

In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.476+/-0.005 χ^2/NDF : 5309985.6/34

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

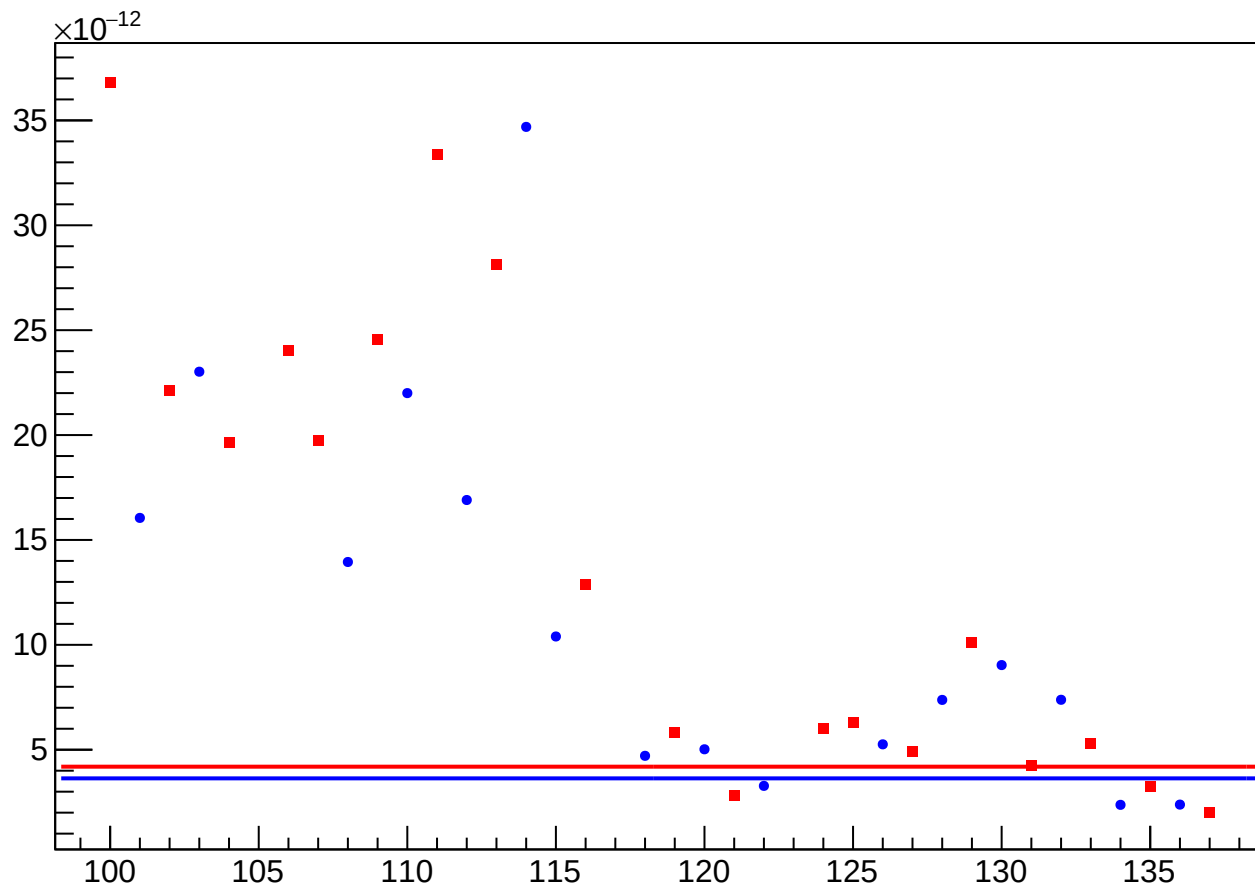
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/34

In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/34

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3590314.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4454808.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

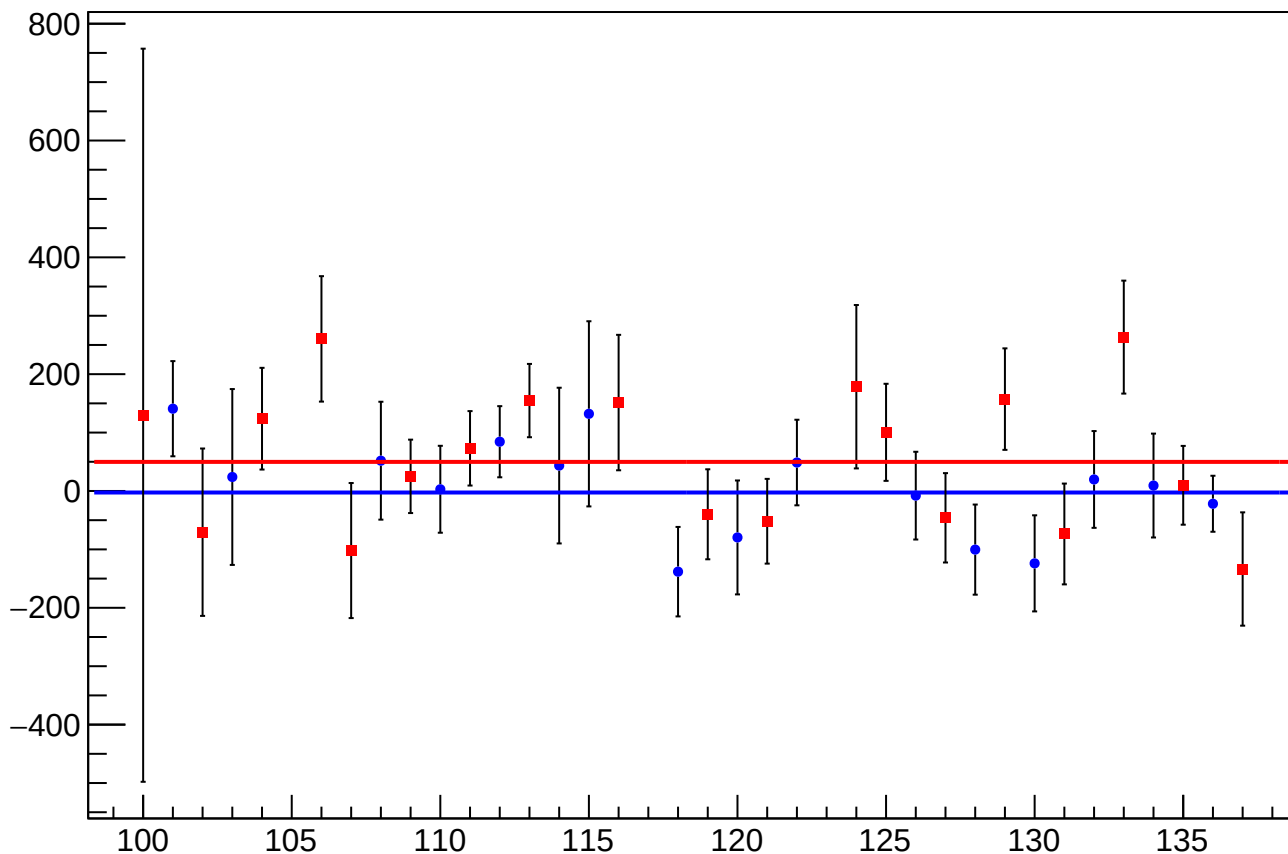
Right: 0.000+/-0.000 χ^2/NDF : 8108622.5/34

In: 0.000+/-0.000 χ^2/NDF : 3590314.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8108622.5/34

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.614 ± 19.994 $\chi^2/\text{NDF}: 14.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 49.810 ± 19.621 $\chi^2/\text{NDF}: 29.4/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

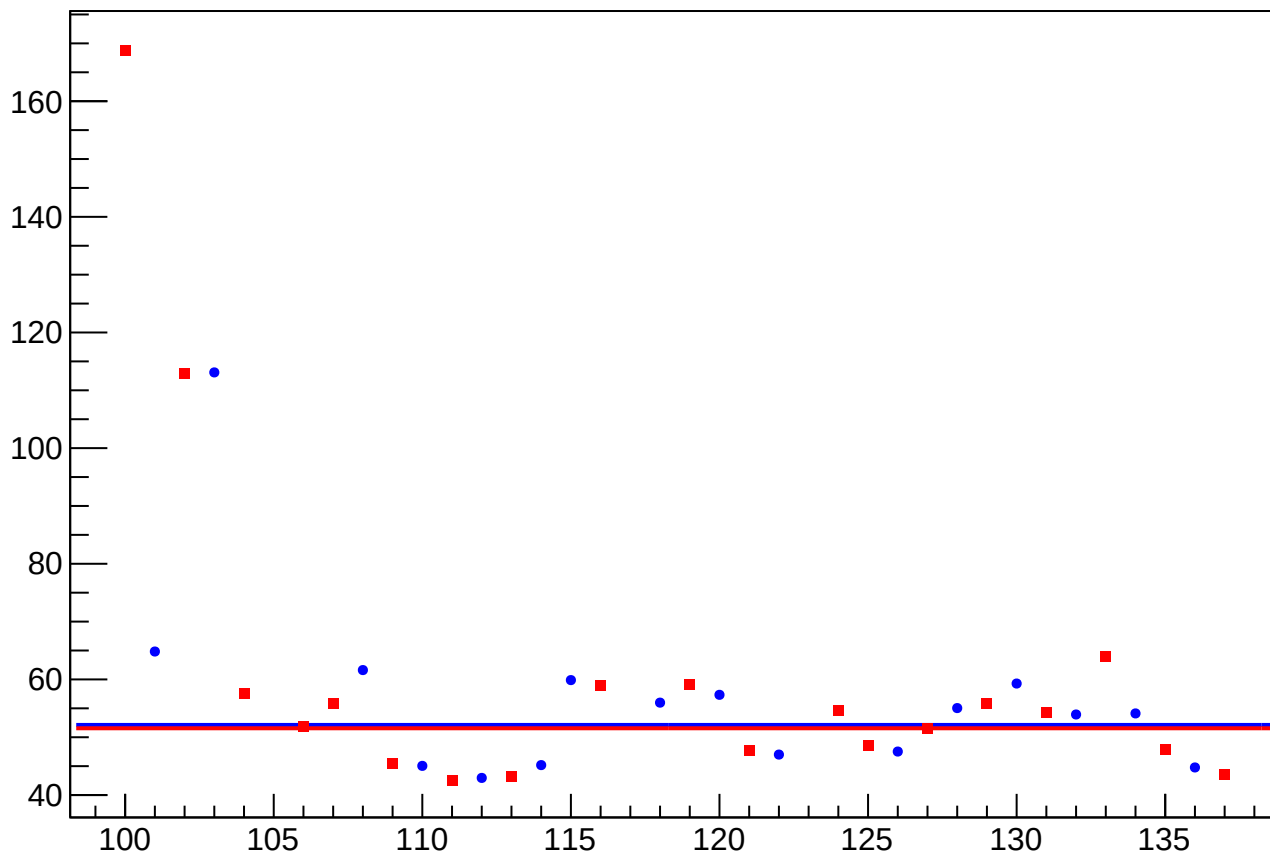
Right: 24.091 ± 14.004 $\chi^2/\text{NDF}: 47.4/34$

In: -2.614 ± 19.994 $\chi^2/\text{NDF}: 14.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 24.091 ± 14.004 $\chi^2/\text{NDF}: 47.4/34$

reg_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 52.128+/-0.014 χ^2/NDF : 562918.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.550+/-0.014 χ^2/NDF : 639564.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

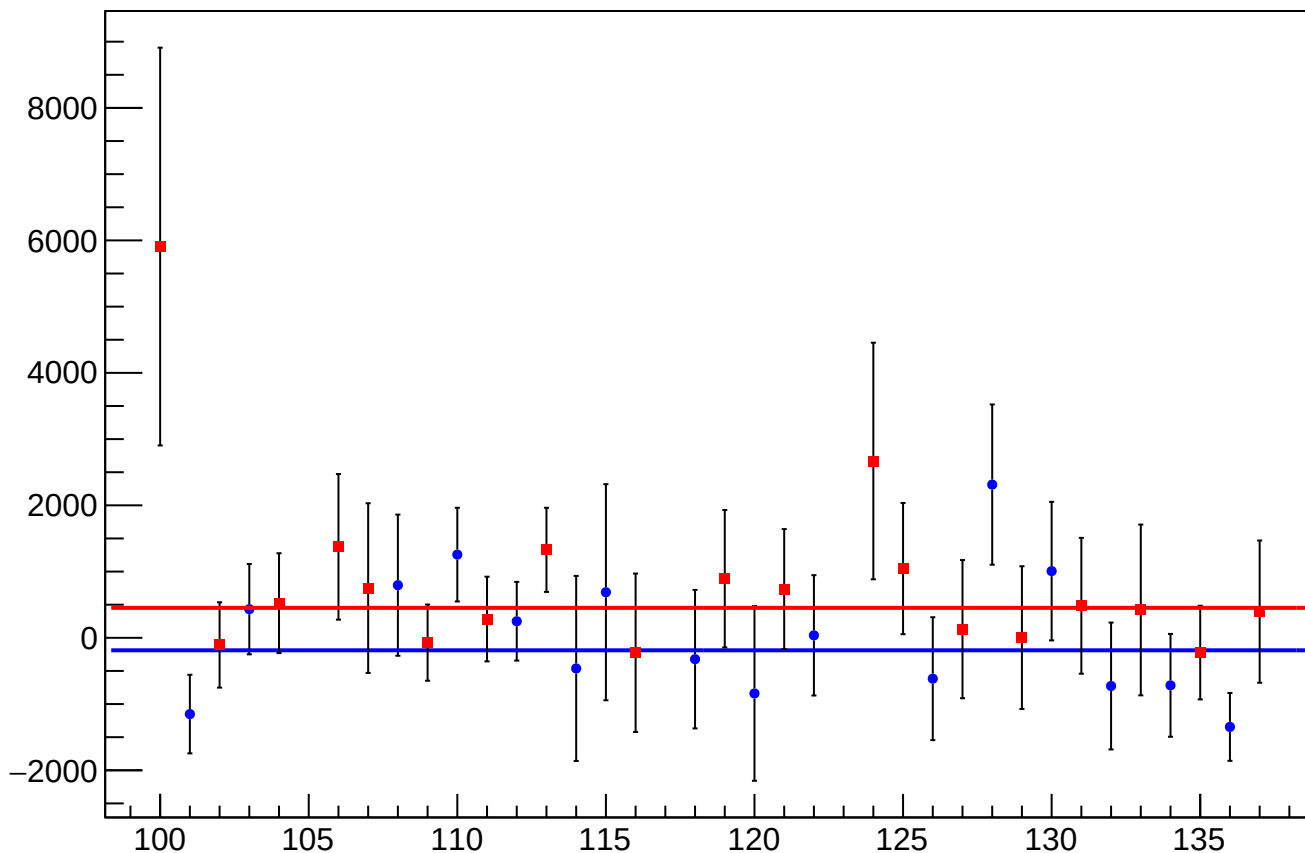
Right: 51.834+/-0.010 χ^2/NDF : 1203336.1/34

In: 52.128+/-0.014 χ^2/NDF : 562918.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.834+/-0.010 χ^2/NDF : 1203336.1/34

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.563 $\pm$ 205.811 χ^2 /NDF: 21.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 452.540 $\pm$ 203.918 χ^2 /NDF: 11.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

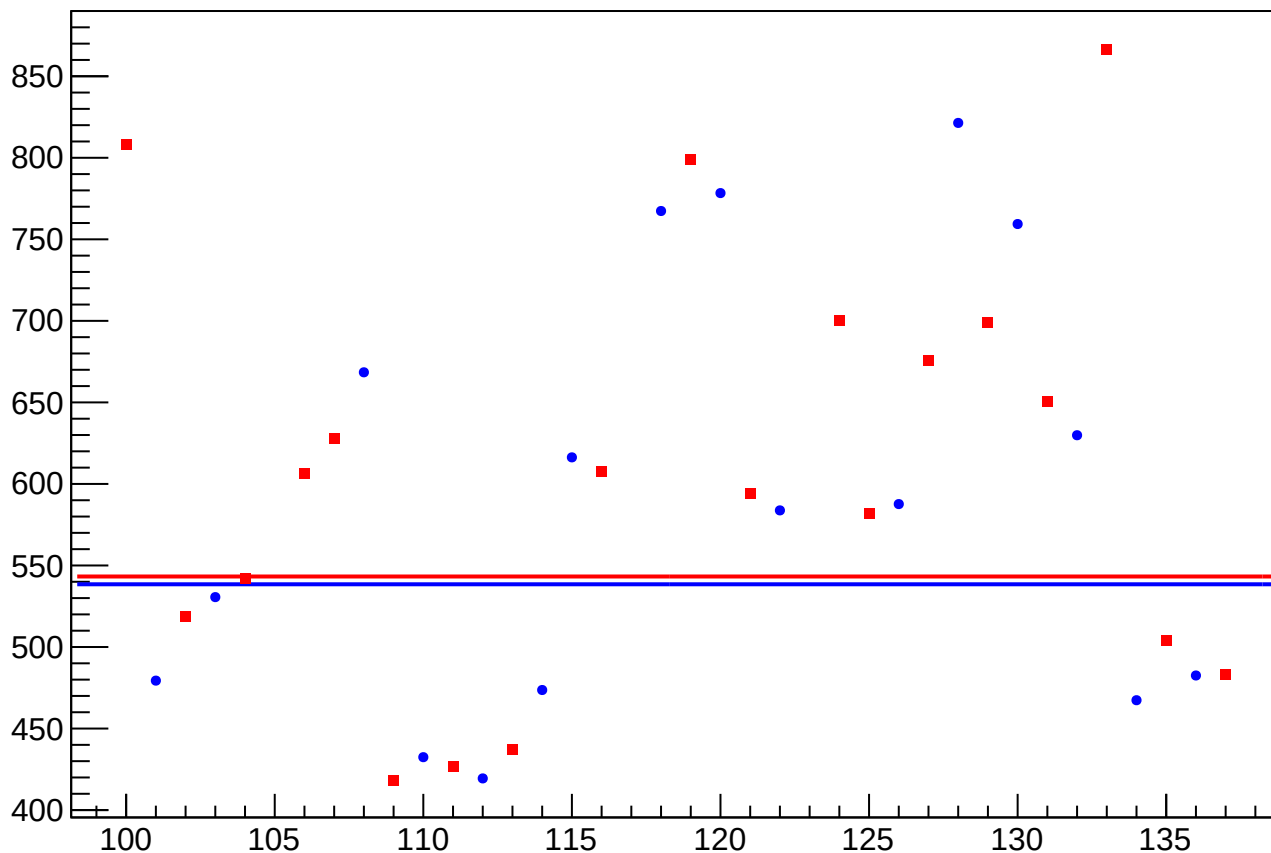
Right: 134.950 $\pm$ 144.856 χ^2 /NDF: 37.6/34

In: -188.563 $\pm$ 205.811 χ^2 /NDF:21.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.950 $\pm$ 144.856 χ^2 /NDF: 37.6/34

asym_sam_1357_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 538.468+/-0.146 χ^2/NDF : 613995.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 543.242+/-0.144 χ^2/NDF : 637115.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

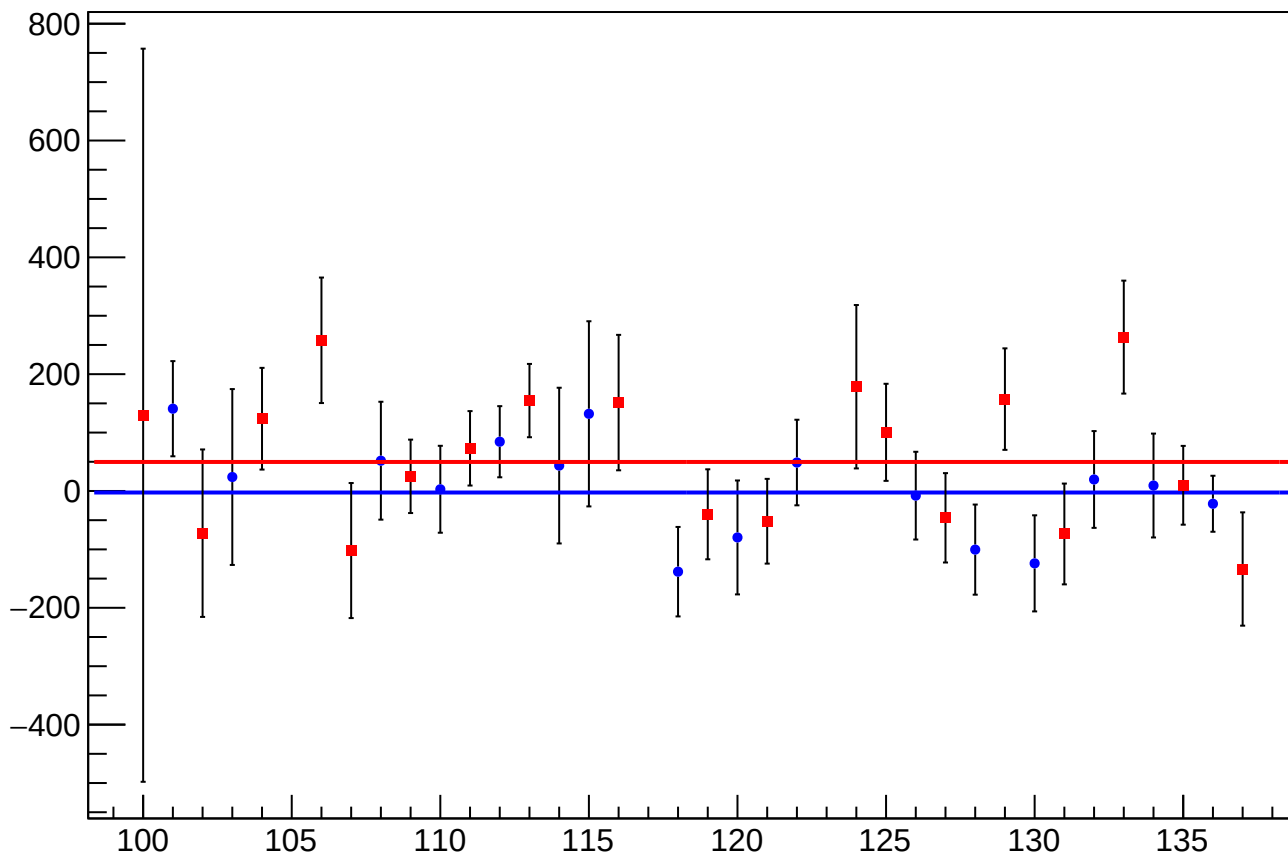
Right: 540.877+/-0.102 χ^2/NDF : 1251653.7/34

In: 538.468+/-0.146 χ^2/NDF : 613995.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.877+/-0.102 χ^2/NDF : 1251653.7/34

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.618+/-19.995 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.694+/-19.622 χ^2/NDF : 29.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

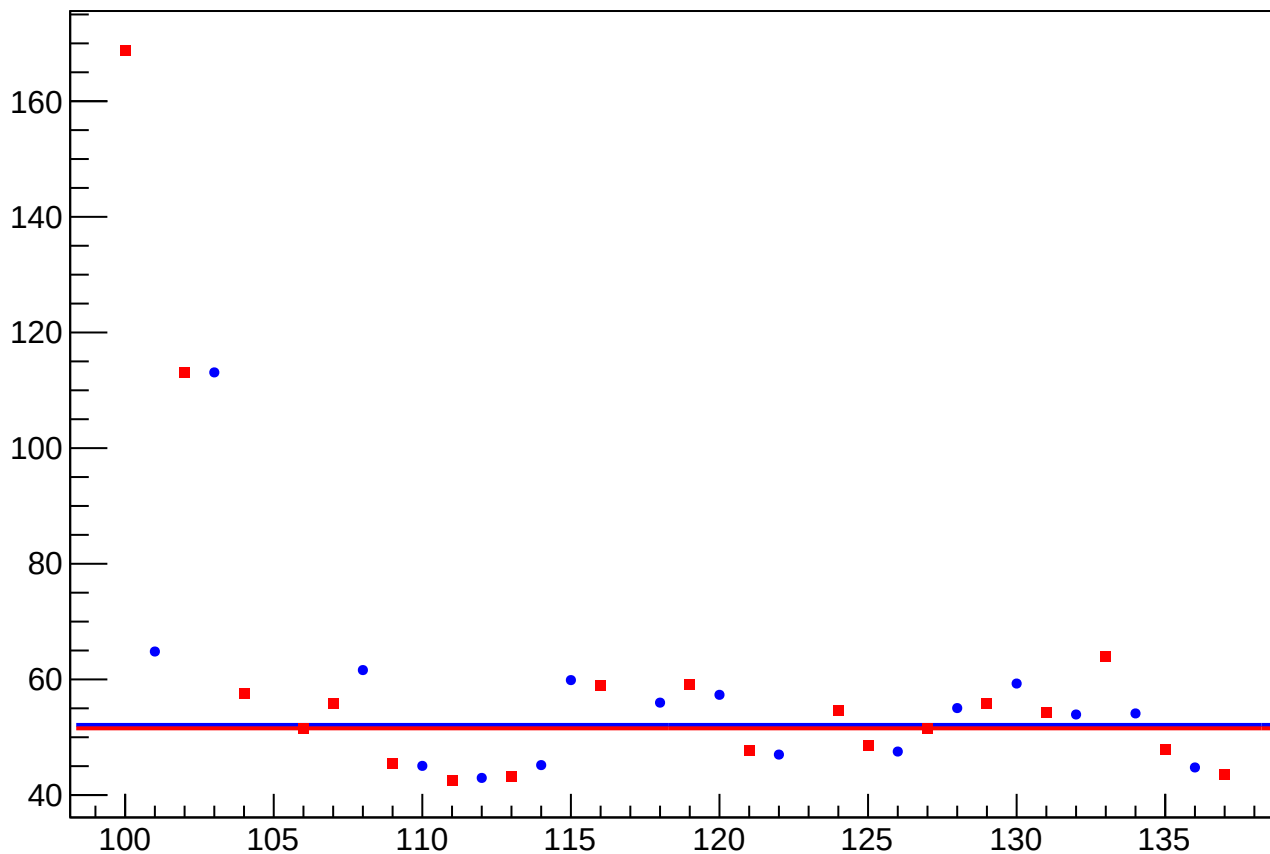
Right: 24.030+/-14.005 χ^2/NDF : 47.4/34

In: -2.618+/-19.995 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.030+/-14.005 χ^2/NDF : 47.4/34

cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.540+/-0.014 χ^2/NDF : 639784.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

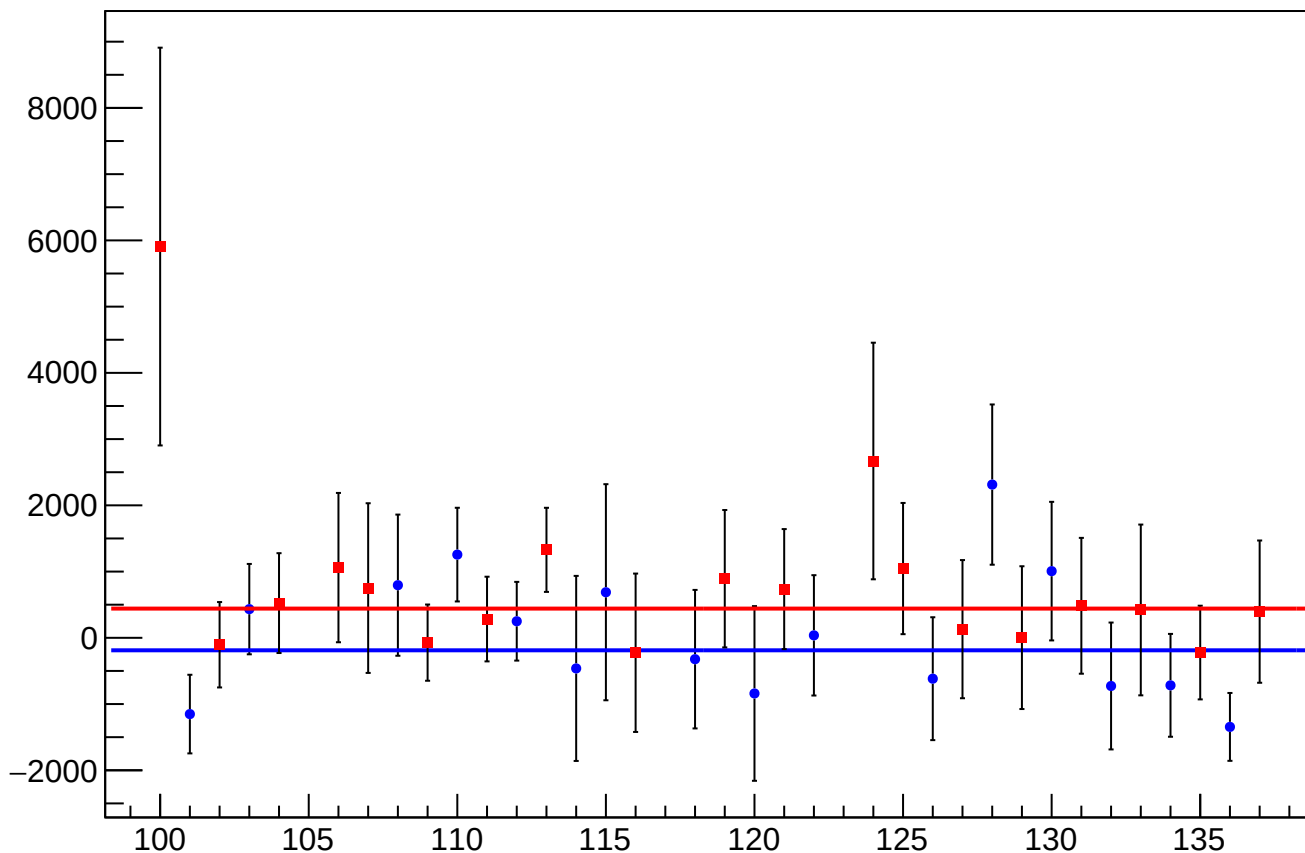
Right: 51.828+/-0.010 χ^2/NDF : 1203588.8/34

In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.828+/-0.010 χ^2/NDF : 1203588.8/34

asym_sam_1357_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -188.541+/-205.813 χ^2 /NDF: 21.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 441.171+/-204.111 χ^2 /NDF: 10.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

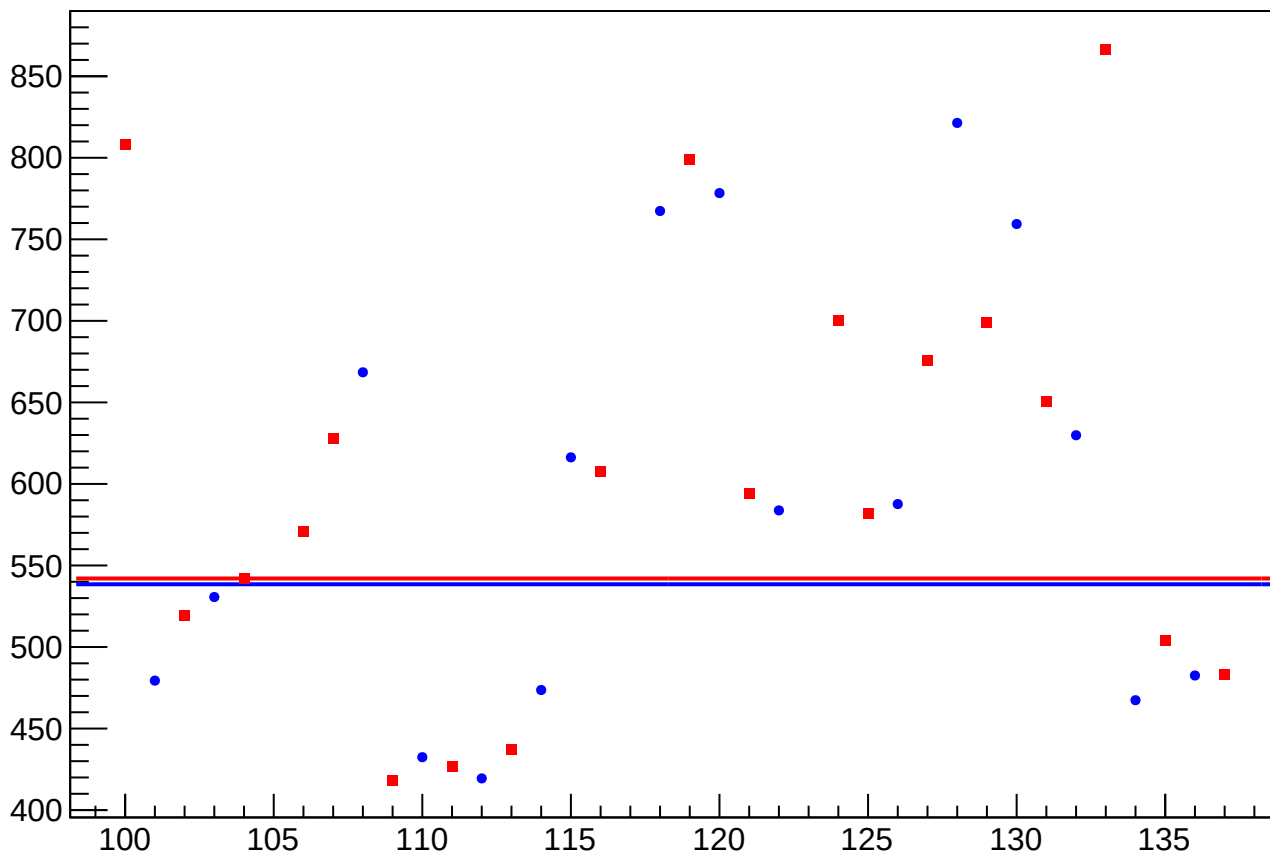
Right: 128.930+/-144.926 χ^2 /NDF: 37.0/34

In: -188.541+/-205.813 χ^2 /NDF:21.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 128.930+/-144.926 χ^2 /NDF: 37.0/34

asym_sam_1357_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.025+/-0.144 χ^2/NDF : 631559.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

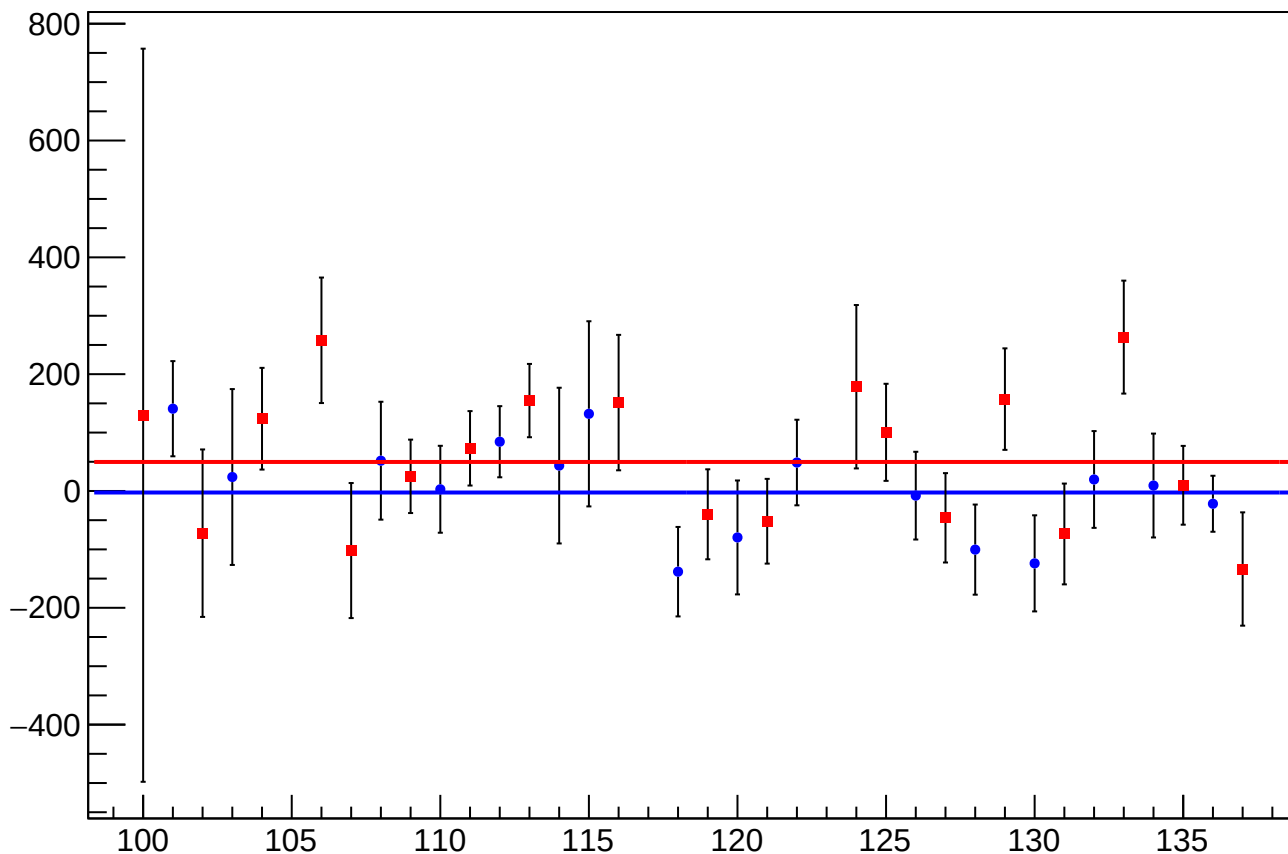
Right: 540.264+/-0.102 χ^2/NDF : 1245851.3/34

In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.264+/-0.102 χ^2/NDF : 1245851.3/34

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.618+/-19.995 χ^2/NDF : 14.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.694+/-19.622 χ^2/NDF : 29.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

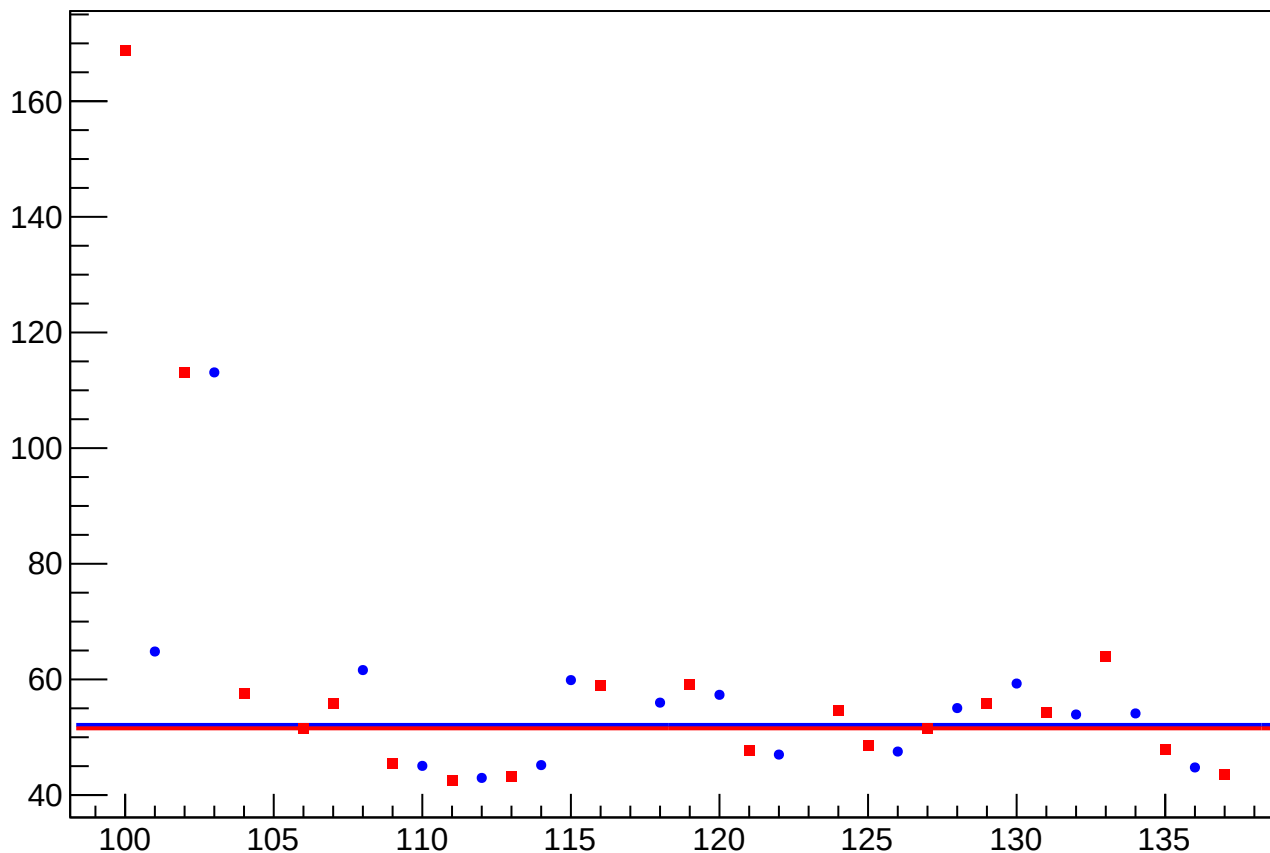
Right: 24.030+/-14.005 χ^2/NDF : 47.4/34

In: -2.618+/-19.995 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.030+/-14.005 χ^2/NDF : 47.4/34

eigen_cor_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.540+/-0.014 χ^2/NDF : 639784.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

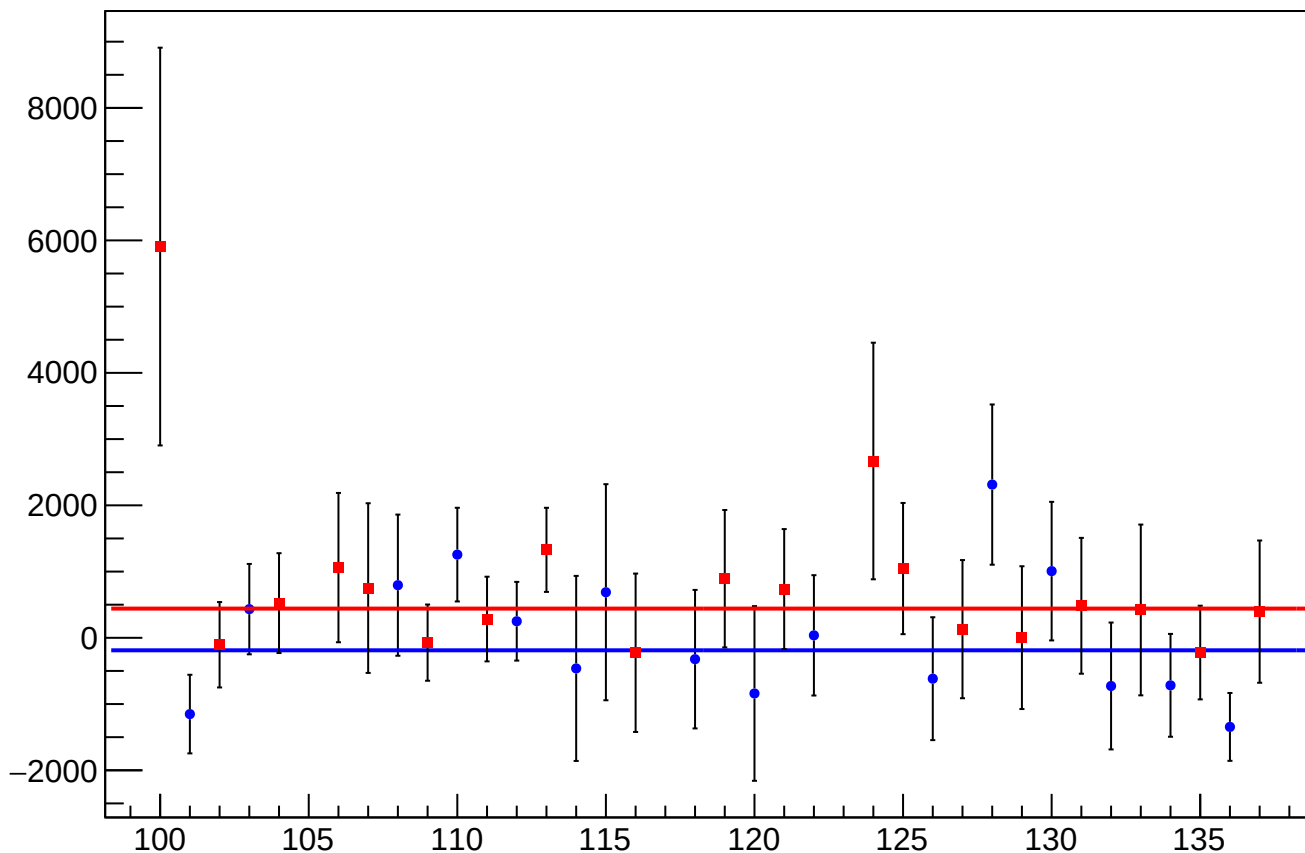
Right: 51.828+/-0.010 χ^2/NDF : 1203588.8/34

In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.828+/-0.010 χ^2/NDF : 1203588.8/34

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -188.541 ± 205.813 χ^2/NDF : 21.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 441.171 ± 204.111 χ^2/NDF : 10.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

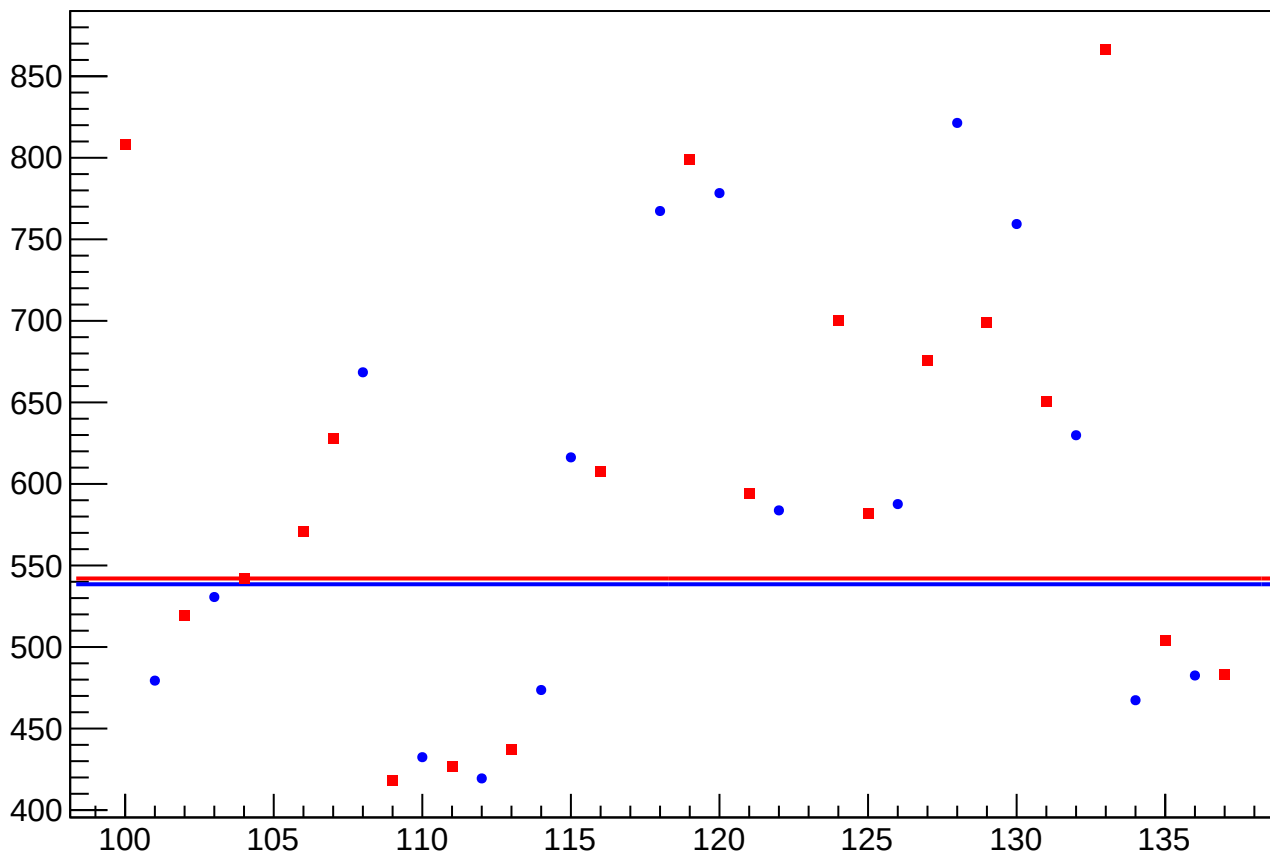
Right: 128.930 ± 144.926 χ^2/NDF : 37.0/34

In: -188.541 ± 205.813 χ^2/NDF : 21.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 128.930 ± 144.926 χ^2/NDF : 37.0/34

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 542.025+/-0.144 χ^2/NDF : 631559.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

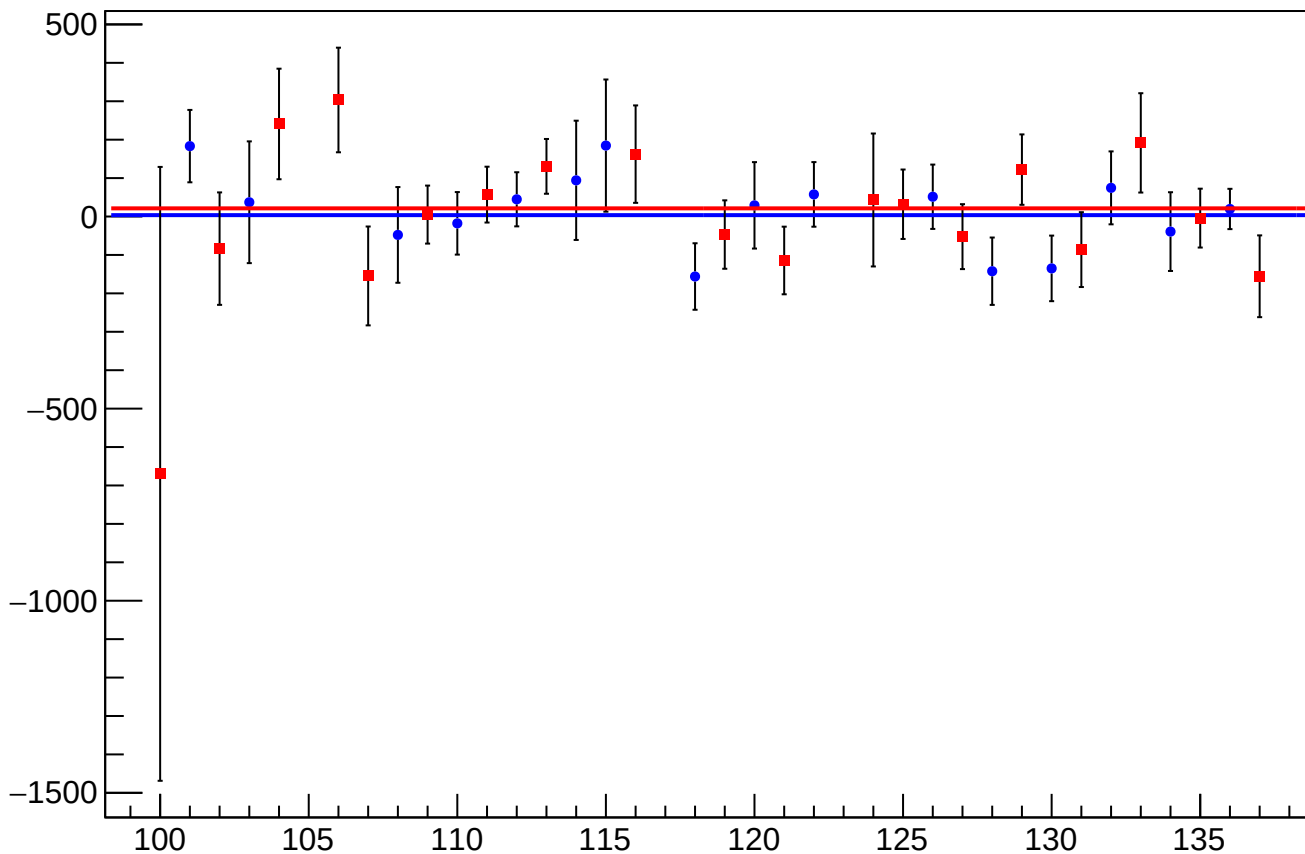
Right: 540.264+/-0.102 χ^2/NDF : 1245851.3/34

In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 540.264+/-0.102 χ^2/NDF : 1245851.3/34

dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 3.597 $\pm$ 22.480 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.253 $\pm$ 22.769 χ^2 /NDF: 24.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

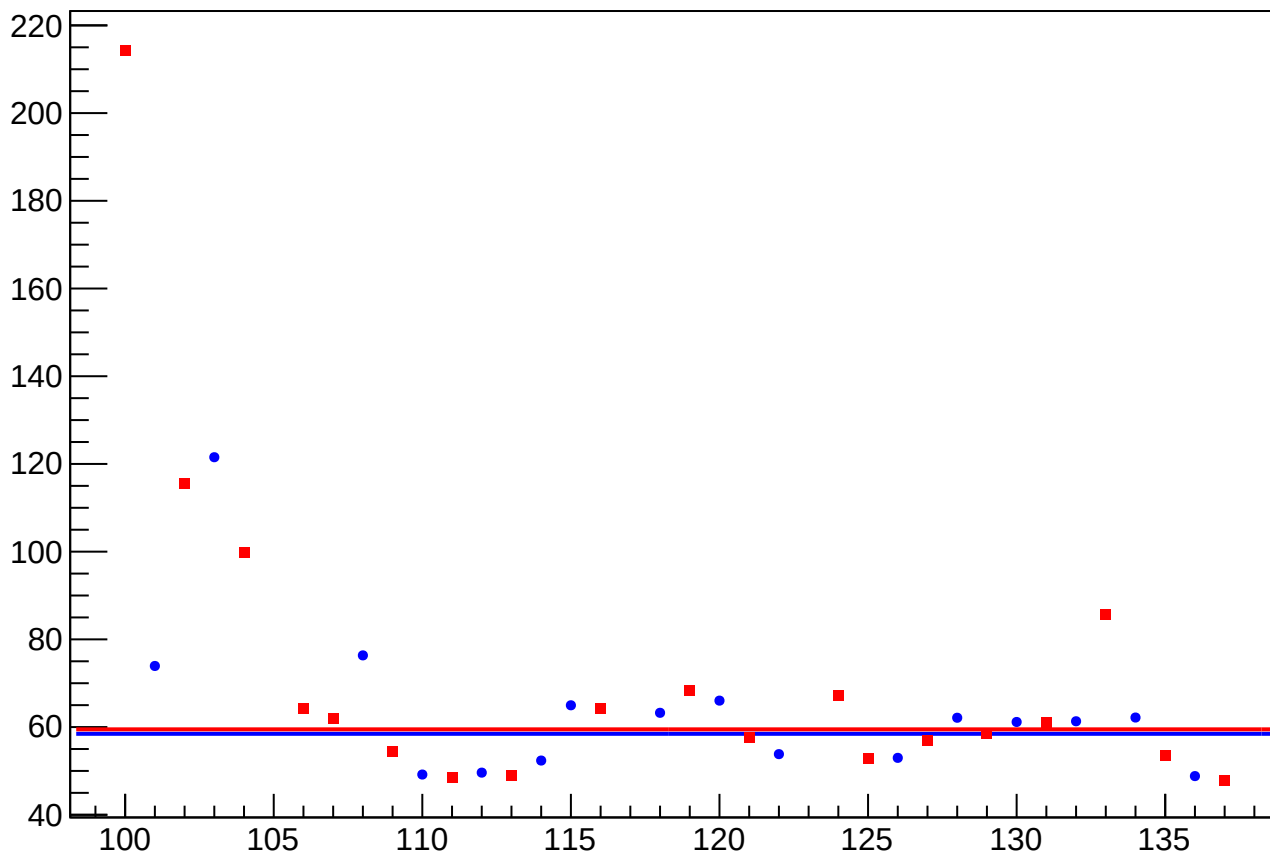
Right: 12.313 $\pm$ 15.997 χ^2 /NDF: 40.9/34

In: 3.597 $\pm$ 22.480 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.313 $\pm$ 15.997 χ^2 /NDF: 40.9/34

dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 58.465+/-0.016 χ^2/NDF : 582984.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.484+/-0.016 χ^2/NDF : 784880.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

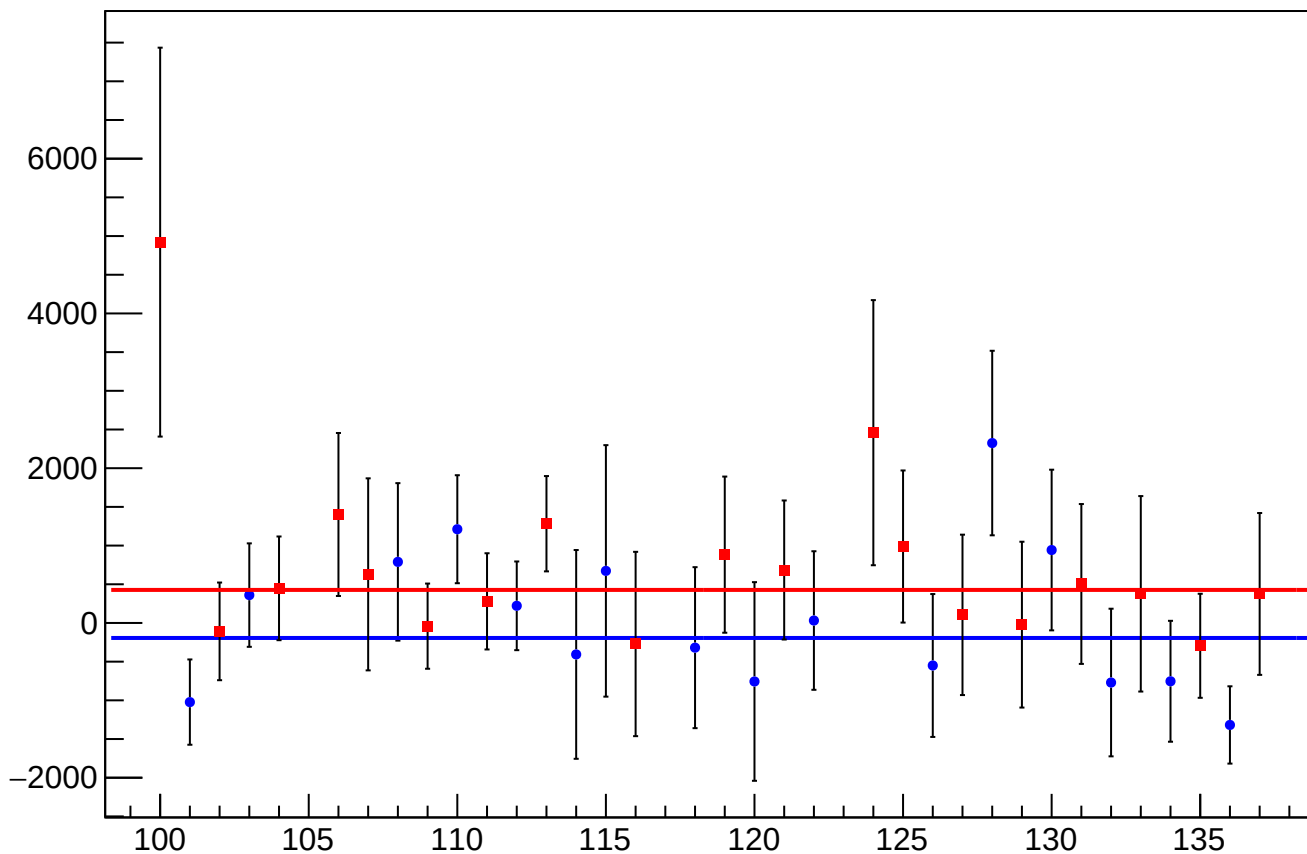
Right: 58.968+/-0.011 χ^2/NDF : 1369891.4/34

In: 58.465+/-0.016 χ^2/NDF : 582984.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.968+/-0.011 χ^2/NDF : 1369891.4/34

asym_sam_1357_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -193.899+/-200.604 χ^2/NDF : 20.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.977+/-197.005 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

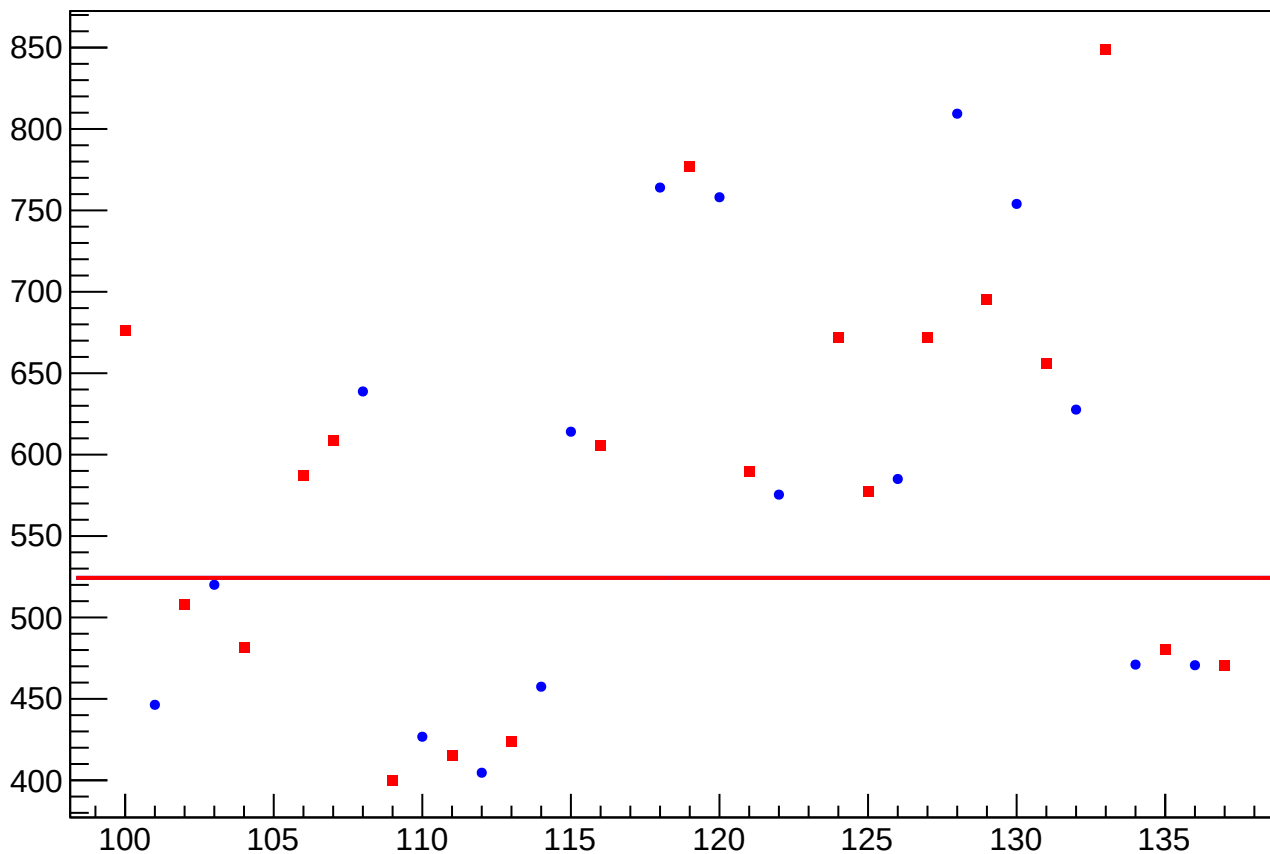
Right: 122.158+/-140.559 χ^2/NDF : 37.0/34

In: -193.899+/-200.604 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 122.158+/-140.559 χ^2/NDF : 37.0/34

asym_sam_1357_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 524.326+/-0.142 χ^2/NDF : 658488.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.306+/-0.139 χ^2/NDF : 686061.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

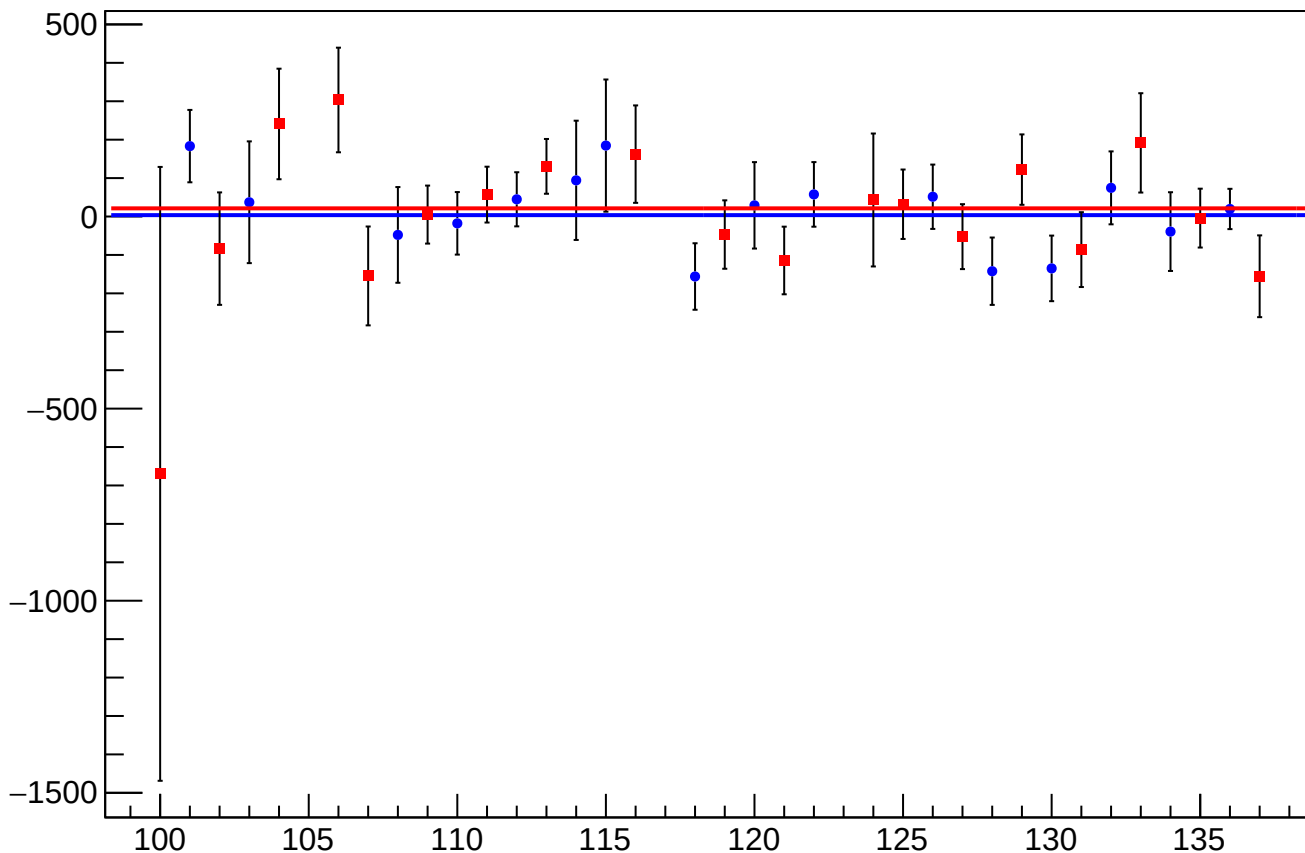
Right: 524.316+/-0.099 χ^2/NDF : 1344549.7/34

In: 524.326+/-0.142 χ^2/NDF : 658488.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.316+/-0.099 χ^2/NDF : 1344549.7/34

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 3.597 $\pm$ 22.480 χ^2 /NDF: 16.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.251 $\pm$ 22.769 χ^2 /NDF: 24.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

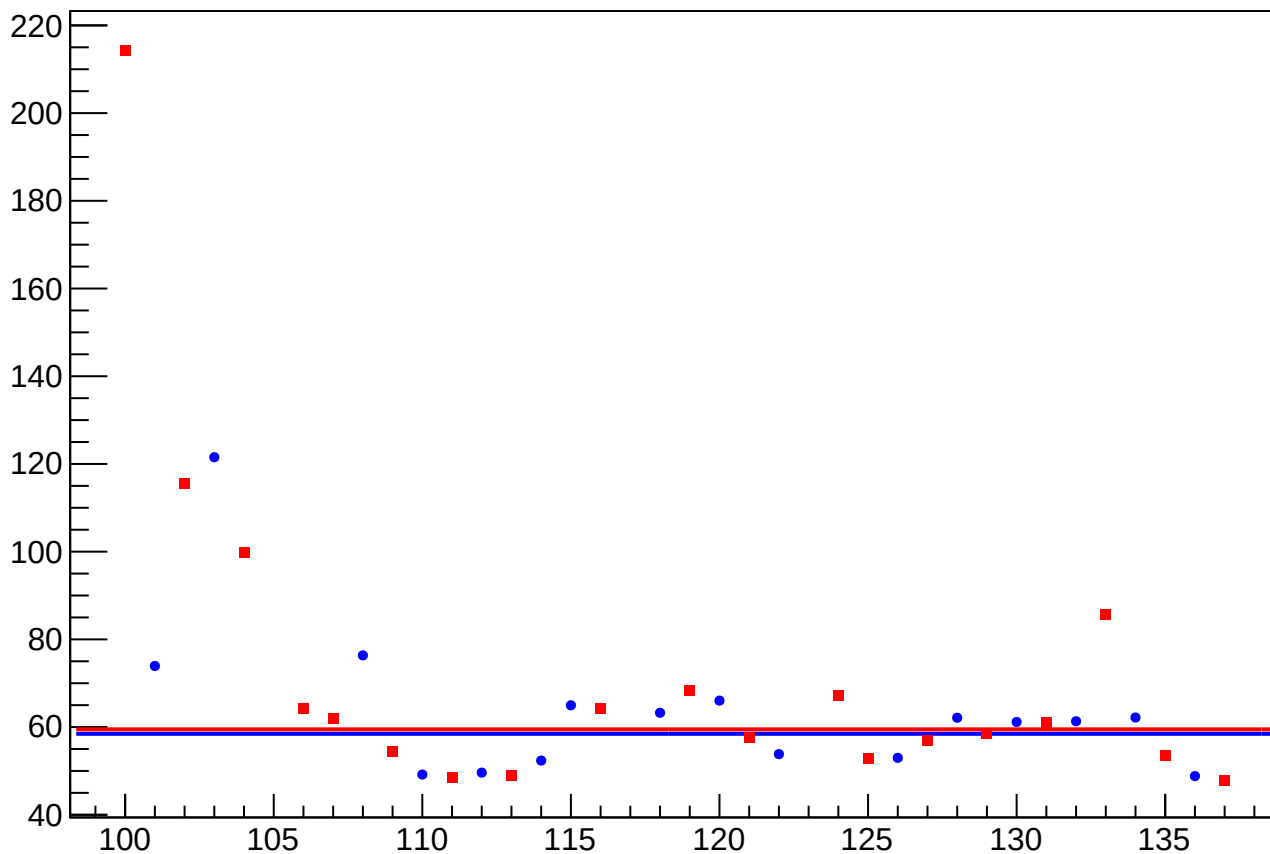
Right: 12.312 $\pm$ 15.997 χ^2 /NDF: 40.9/34

In: 3.597 $\pm$ 22.480 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.312 $\pm$ 15.997 χ^2 /NDF: 40.9/34

eigen_dit_asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 58.466+/-0.016 χ^2/NDF : 582980.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.484+/-0.016 χ^2/NDF : 784880.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

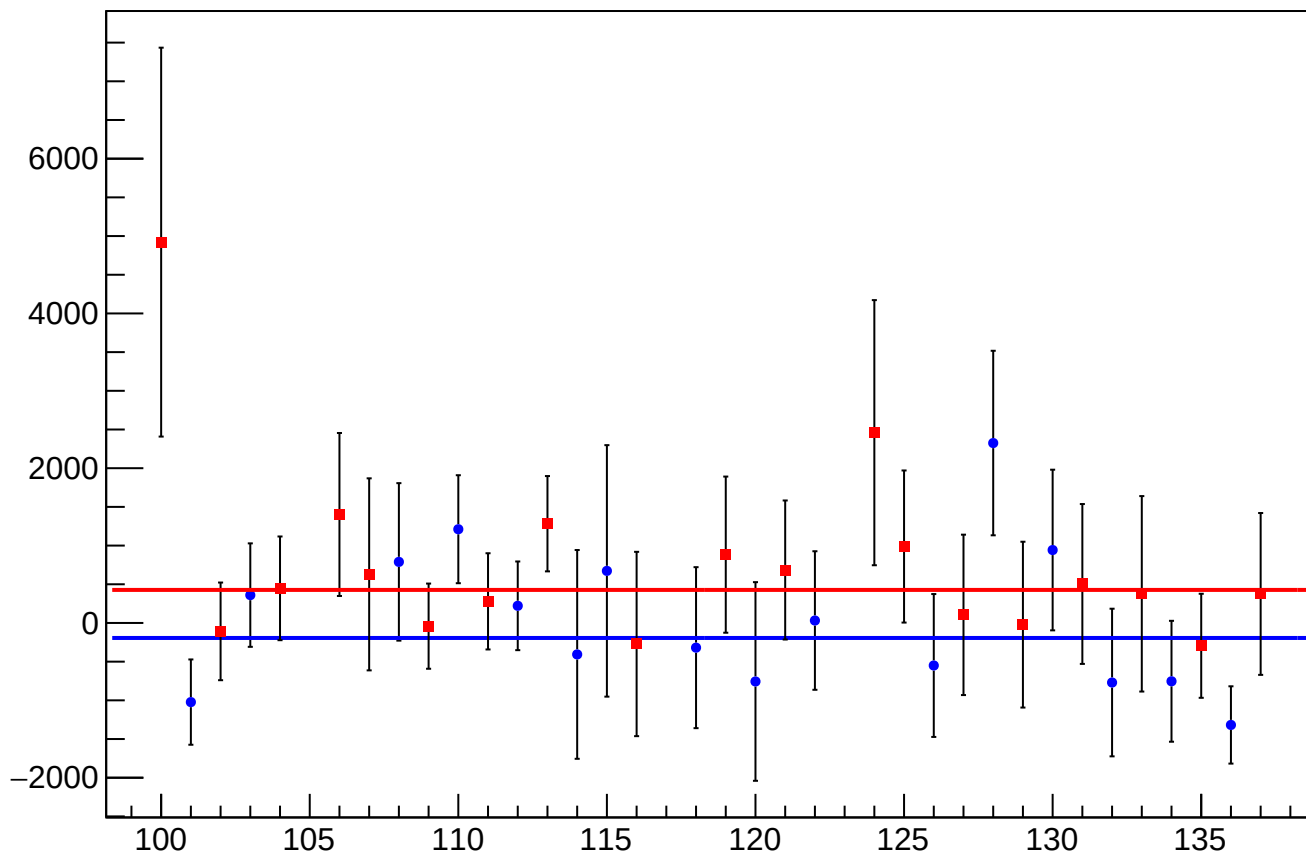
Right: 58.968+/-0.011 χ^2/NDF : 1369888.0/34

In: 58.466+/-0.016 χ^2/NDF : 582980.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.968+/-0.011 χ^2/NDF : 1369888.0/34

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -193.899 ± 200.603 χ^2/NDF : 20.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 426.976 ± 197.005 χ^2/NDF : 11.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

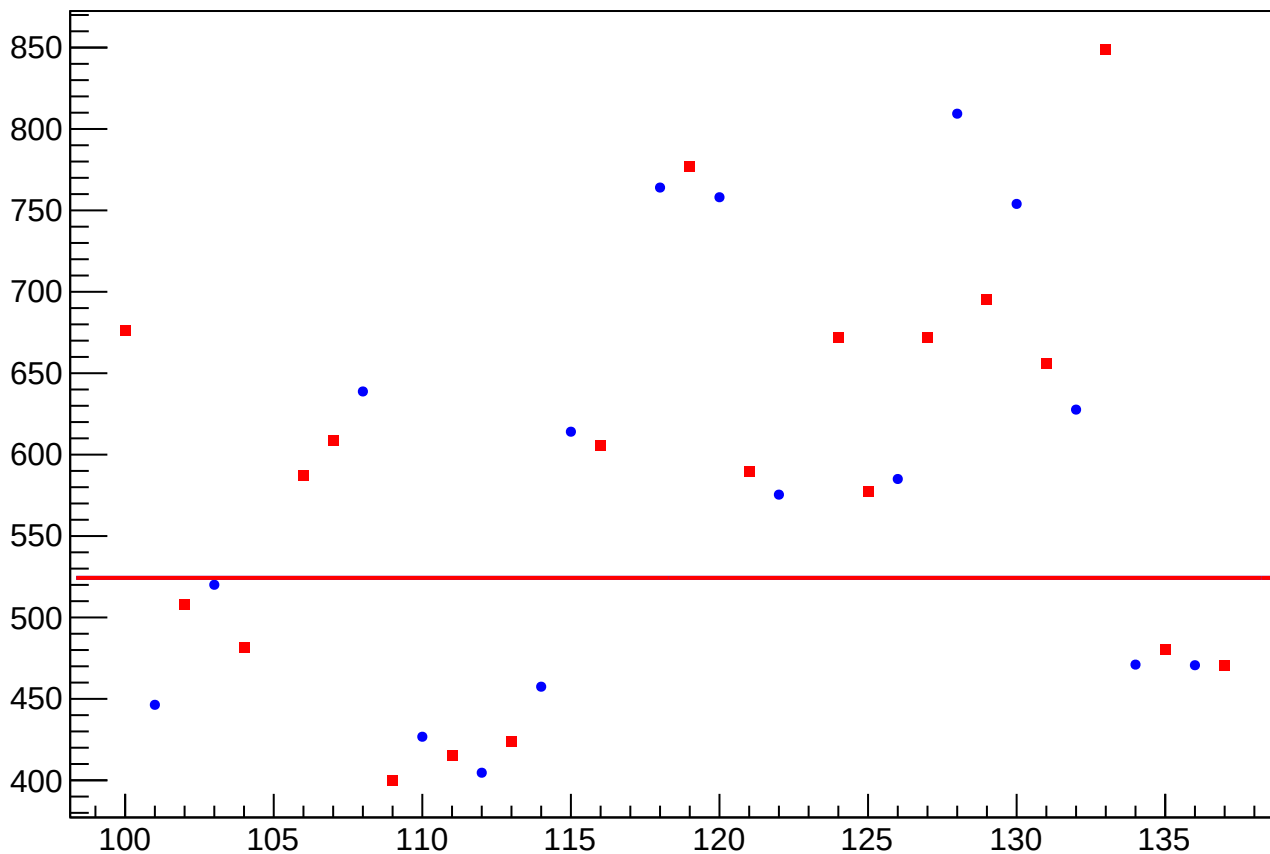
Right: 122.157 ± 140.558 χ^2/NDF : 37.0/34

In: -193.899 ± 200.603 χ^2/NDF : 20.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 122.157 ± 140.558 χ^2/NDF : 37.0/34

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 524.325+/-0.142 χ^2/NDF : 658493.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 524.305+/-0.139 χ^2/NDF : 686063.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

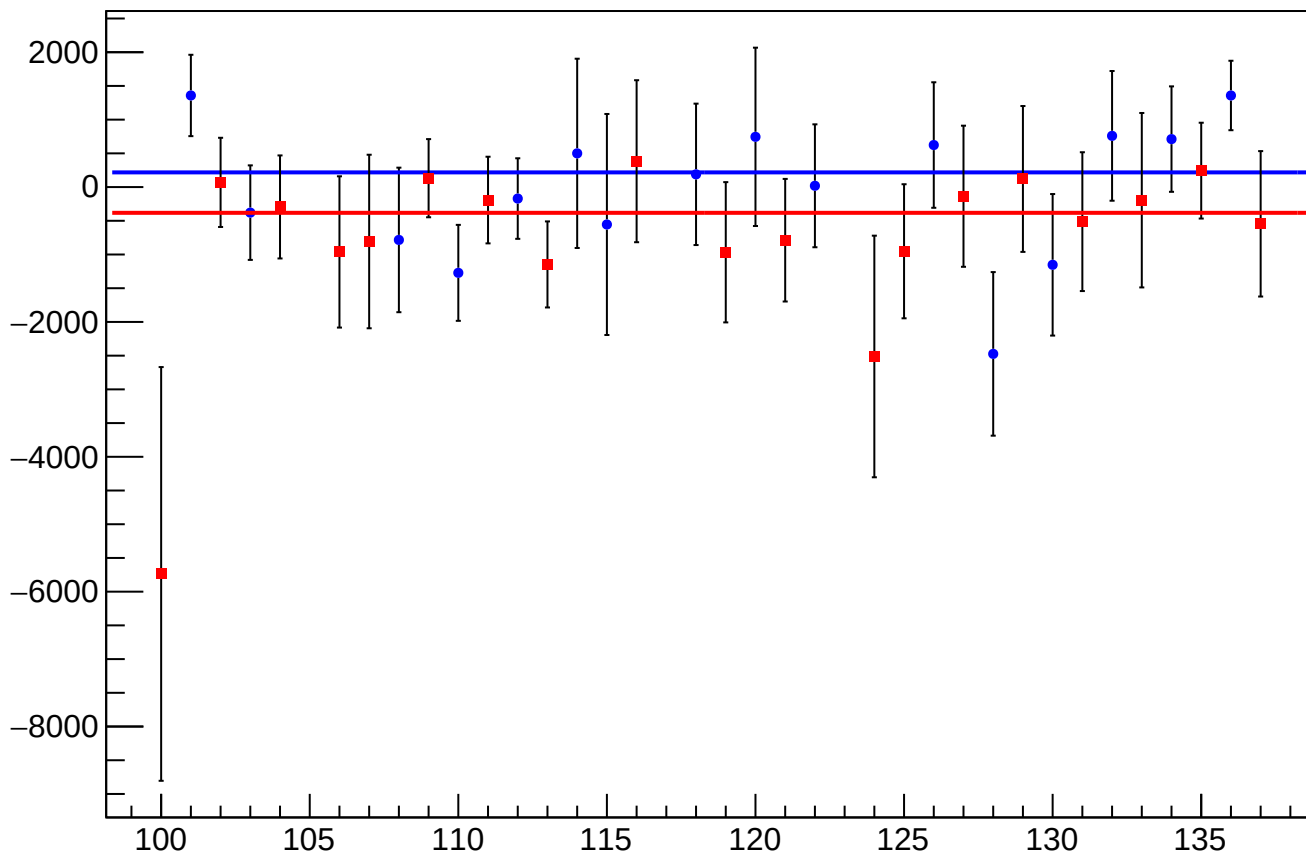
Right: 524.315+/-0.099 χ^2/NDF : 1344557.5/34

In: 524.325+/-0.142 χ^2/NDF : 658493.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.315+/-0.099 χ^2/NDF : 1344557.5/34

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 217.756+/-207.492 χ^2/NDF : 22.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.836+/-205.585 χ^2/NDF : 10.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

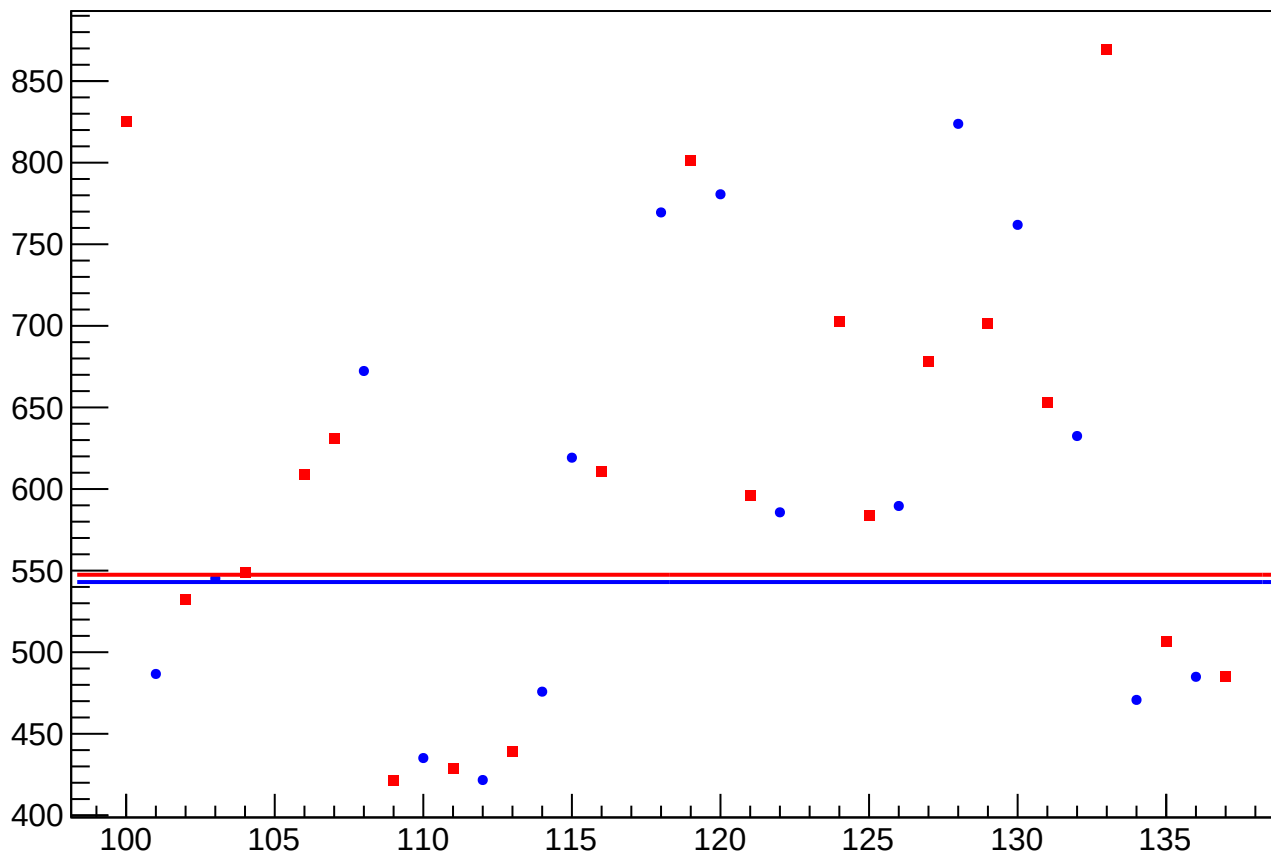
Right: -84.807+/-146.040 χ^2/NDF : 37.1/34

In: 217.756+/-207.492 χ^2/NDF : 22.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.807+/-146.040 χ^2/NDF : 37.1/34

asym_sam_1357_avg_rms vs Slug, Sign Corrected



Right In: 542.997 $\pm$ 0.147 χ^2 /NDF: 605250.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 547.465 $\pm$ 0.145 χ^2 /NDF: 630284.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

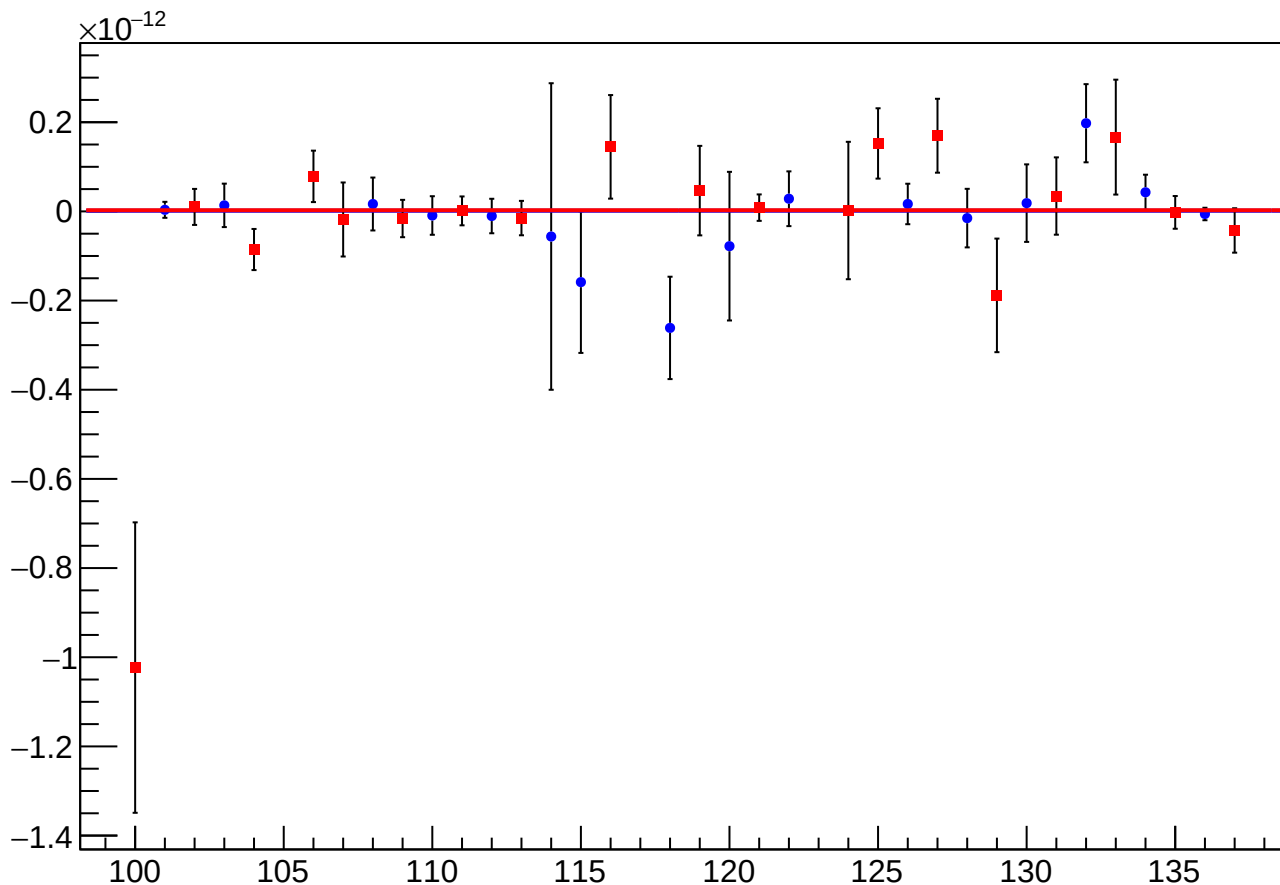
Right: 545.252 $\pm$ 0.103 χ^2 /NDF: 1236002.5/34

In: 542.997 $\pm$ 0.147 χ^2 /NDF:605250.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 545.252 $\pm$ 0.103 χ^2 /NDF: 1236002.5/34

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 30.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

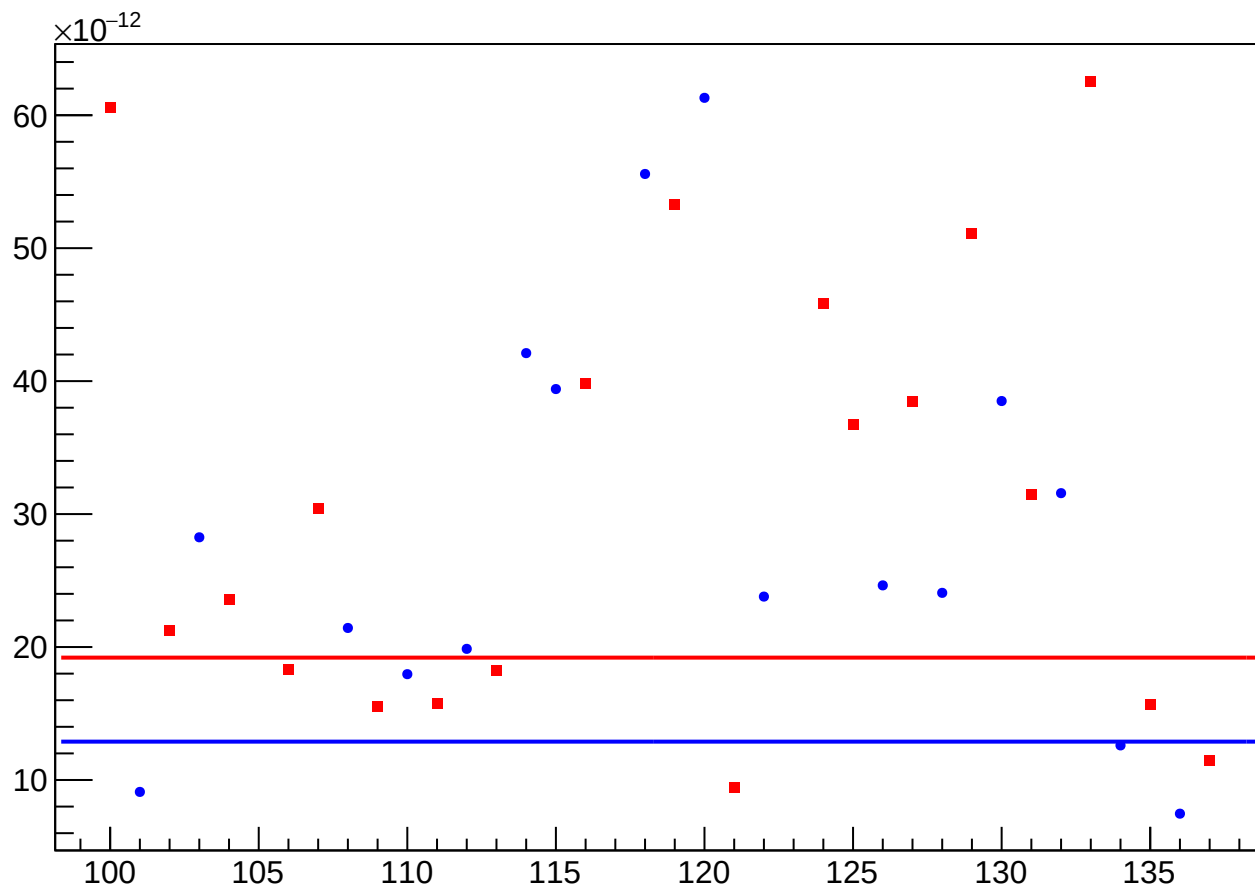
Right: 0.000+/-0.000 χ^2/NDF : 43.7/34

In: 0.000+/-0.000 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.7/34

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1756750.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1367620.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

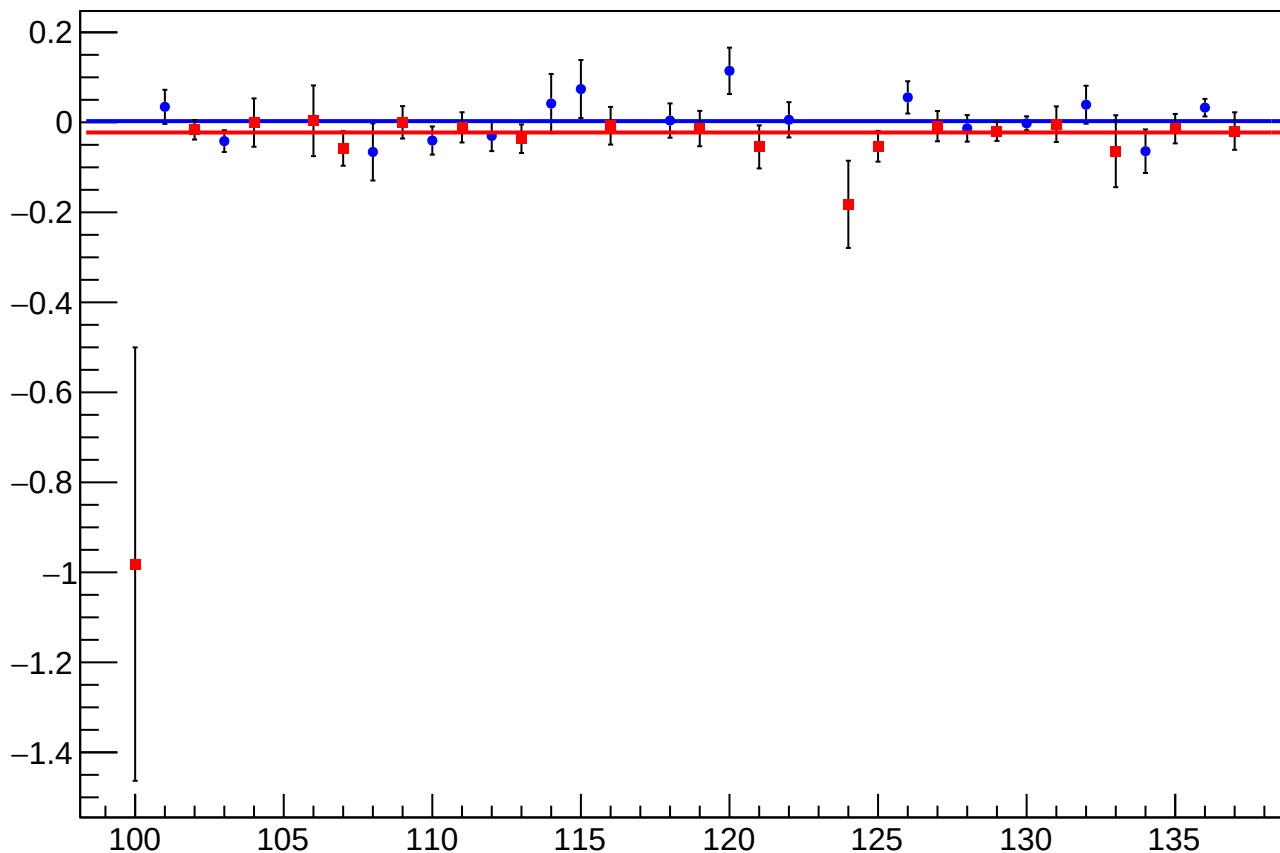
Right: 0.000+/-0.000 χ^2/NDF : 3472471.7/34

In: 0.000+/-0.000 χ^2/NDF : 1756750.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3472471.7/34

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

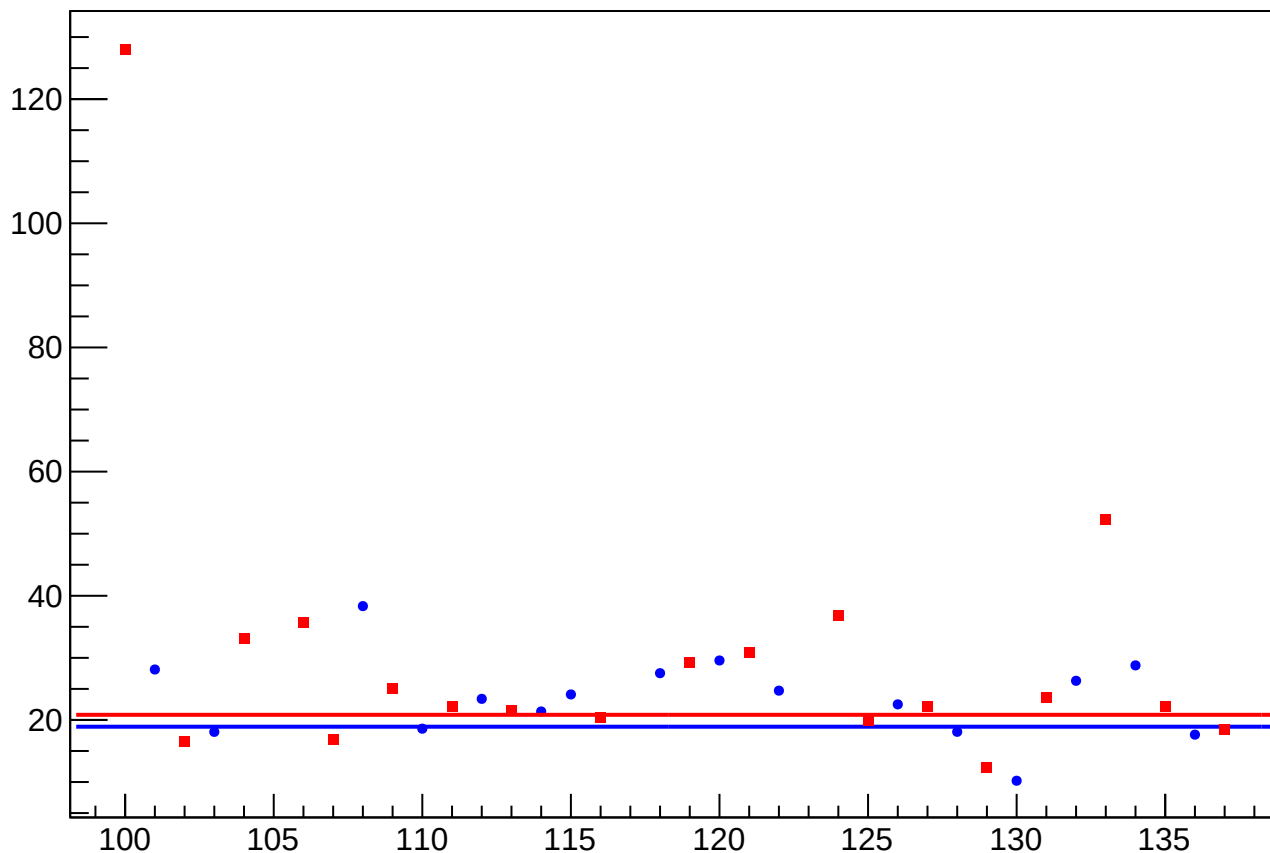
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

In: 0.003 $\pm$ 0.008 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.911±/0.006 χ^2/NDF : 1390349.2/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 20.826±/0.006 χ^2/NDF : 1291541.1/18

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

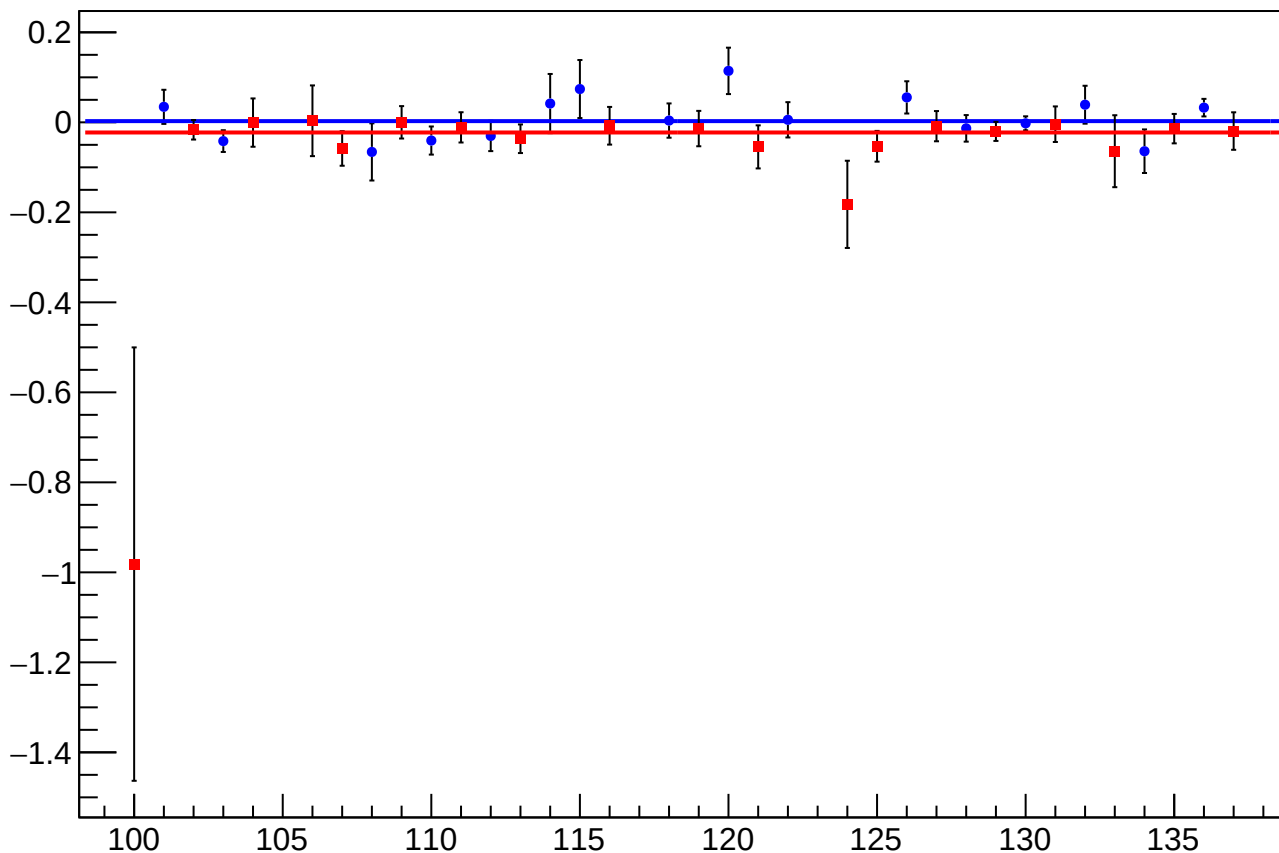
Right: 19.793±/0.004 χ^2/NDF : 2737339.0/34

In: 18.911±/0.006 χ^2/NDF : 1390349.2/15

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: 19.793±/0.004 χ^2/NDF : 2737339.0/34

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

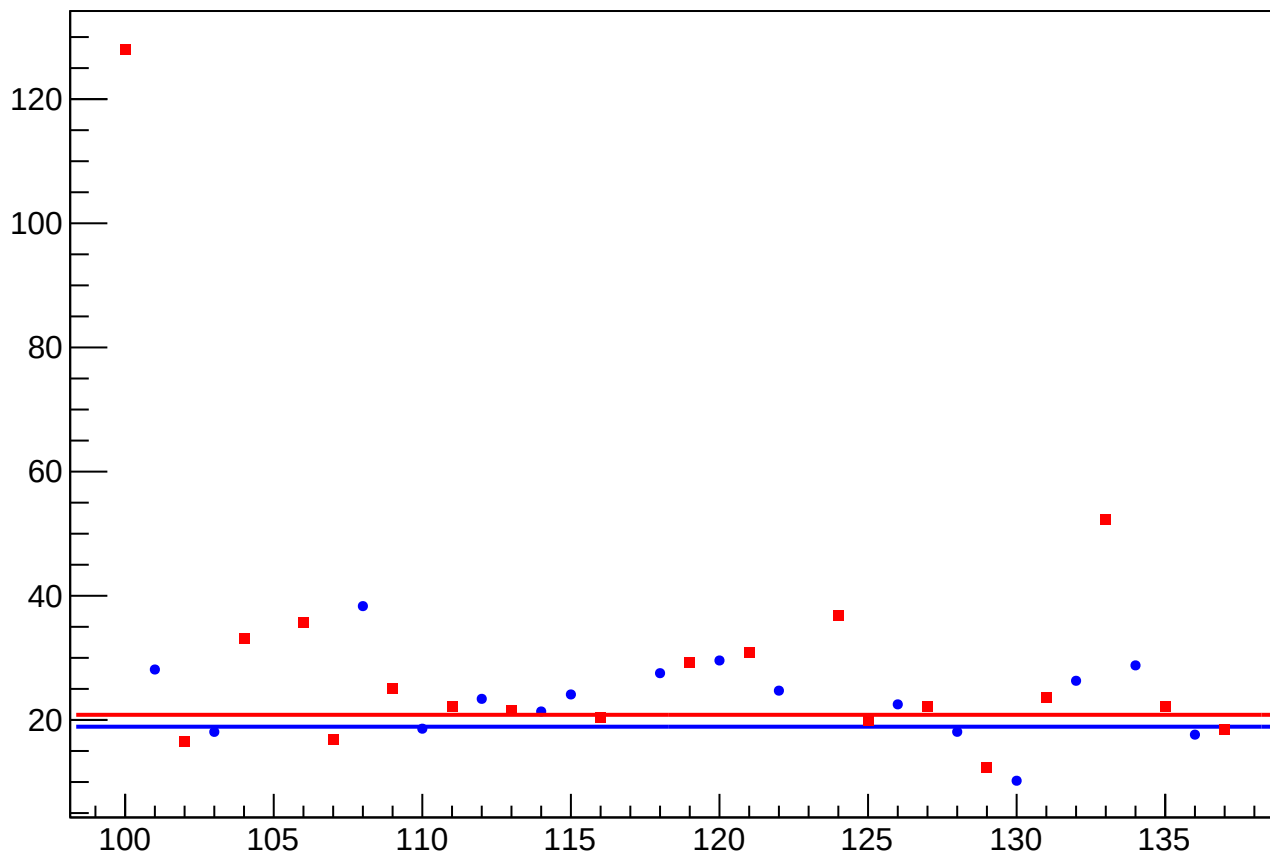
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

In: 0.003 $\pm$ 0.008 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.911+/-0.006 χ^2/NDF : 1390349.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.826+/-0.006 χ^2/NDF : 1291541.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

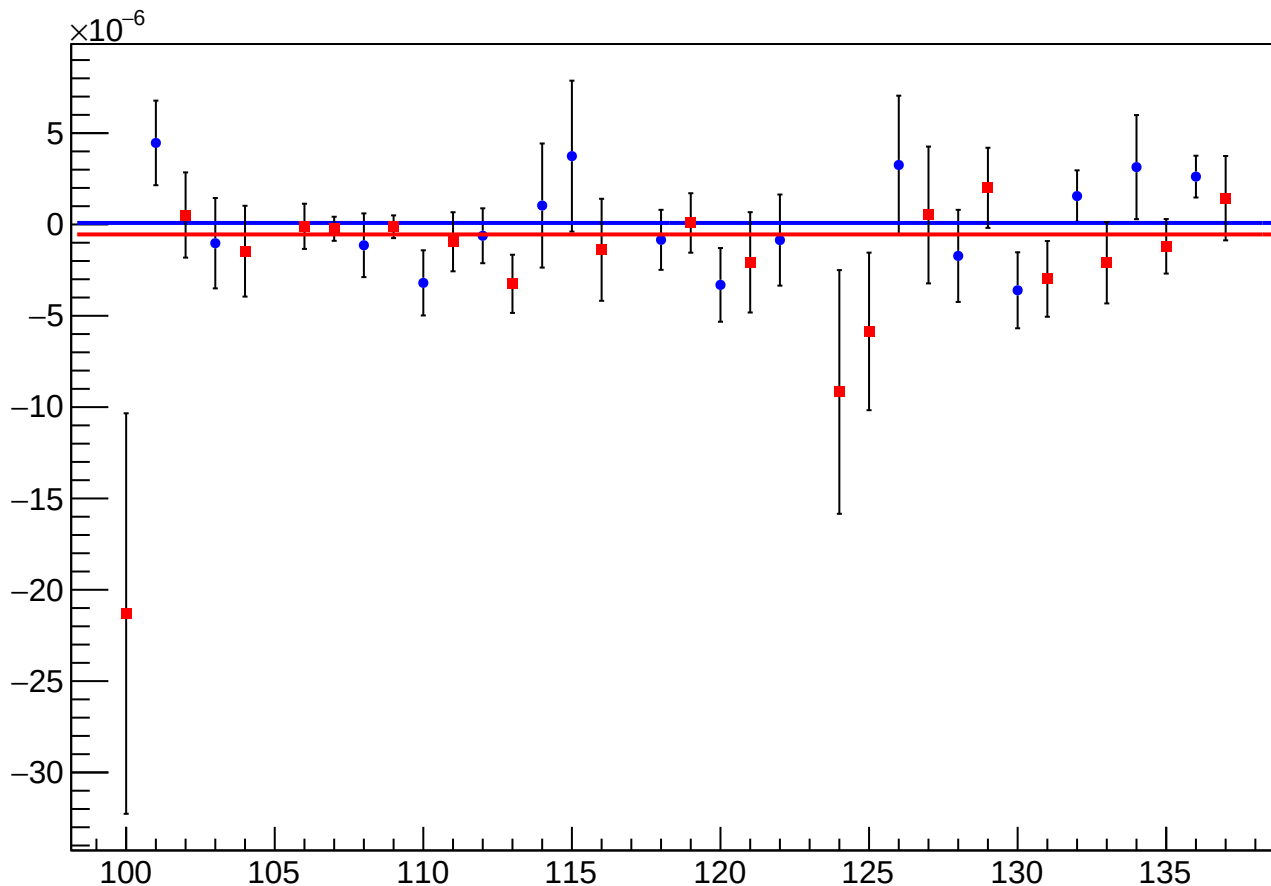
Right: 19.793+/-0.004 χ^2/NDF : 2737339.0/34

In: 18.911+/-0.006 χ^2/NDF : 1390349.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.793+/-0.004 χ^2/NDF : 2737339.0/34

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

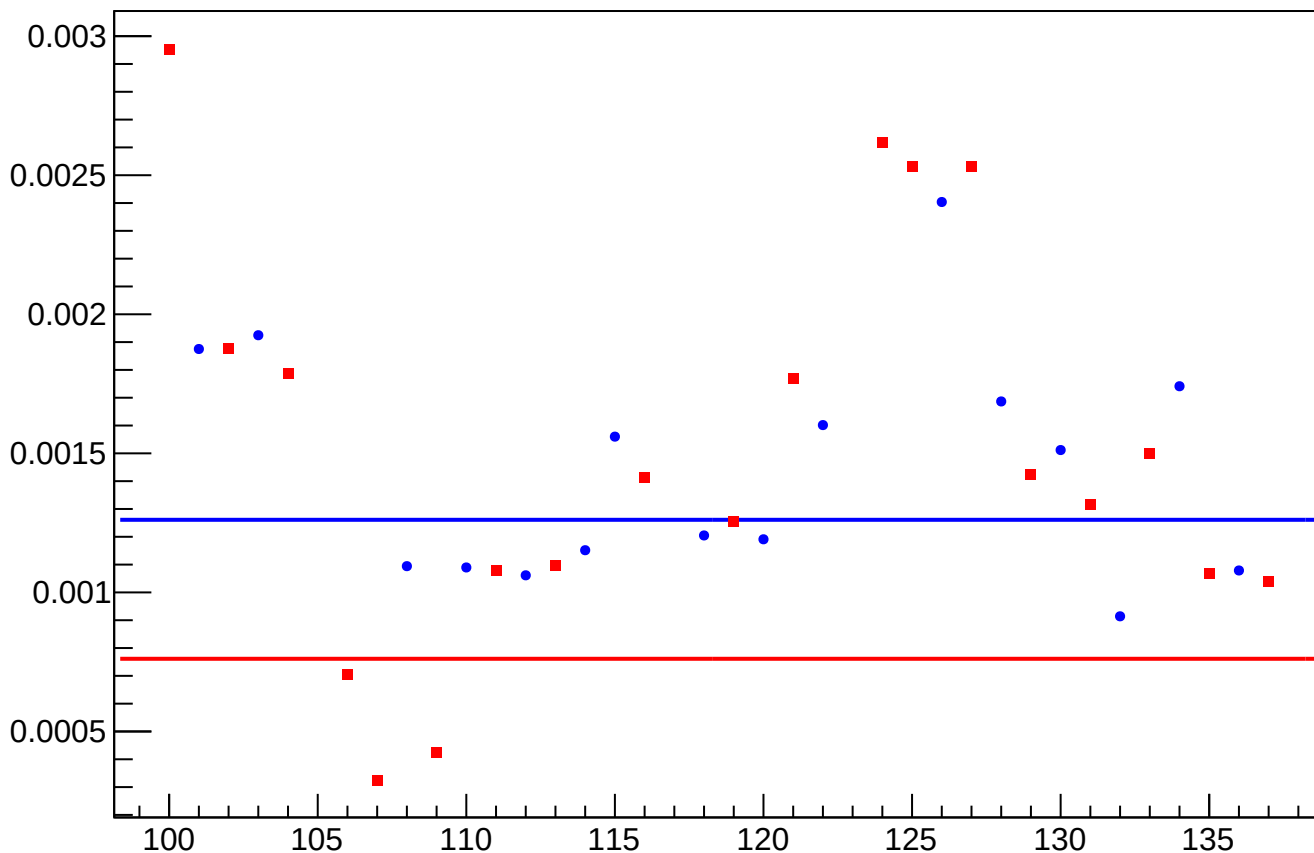
Right: -0.000+/-0.000 χ^2/NDF : 40.3/34

In: 0.000+/-0.000 χ^2/NDF : 23.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.3/34

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.001+/-0.000 χ^2/NDF : 907342.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4672607.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

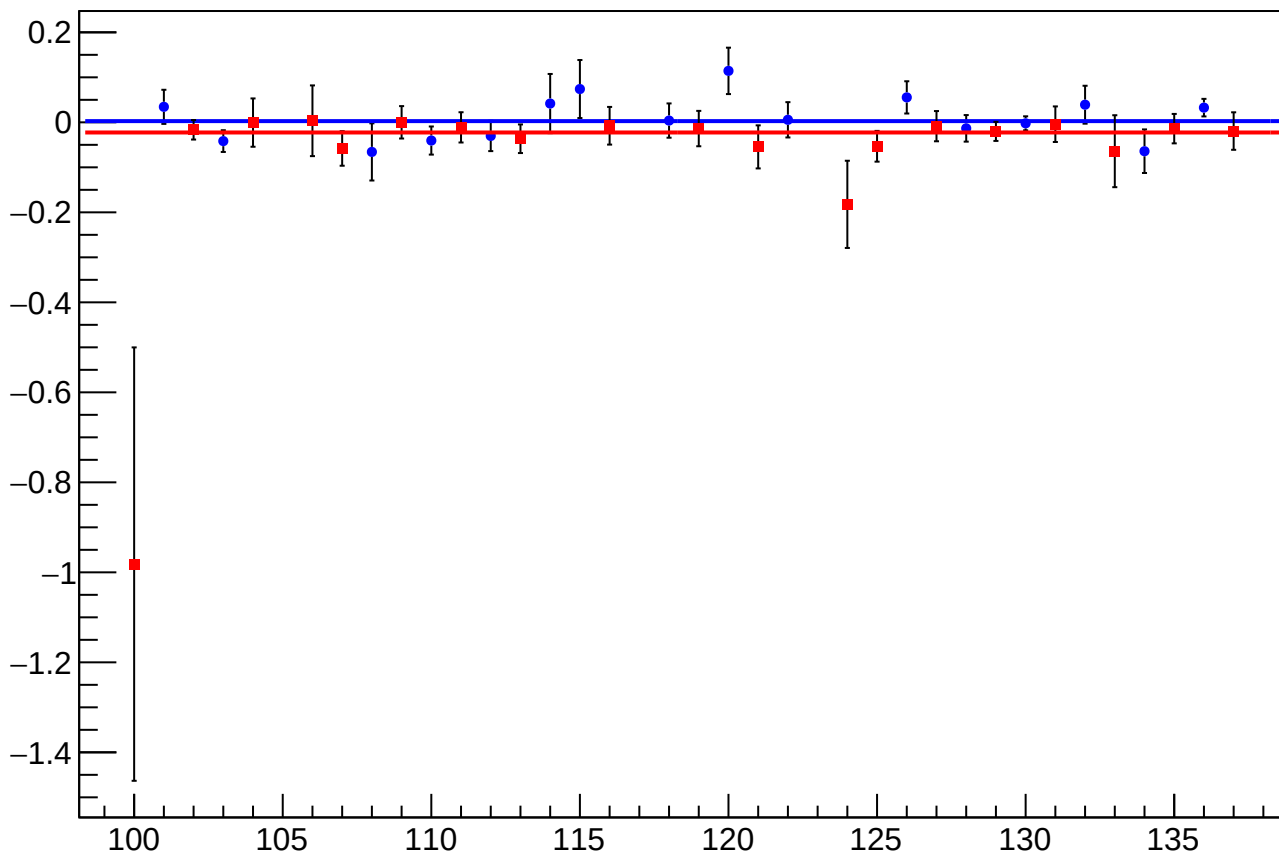
Right: 0.001+/-0.000 χ^2/NDF : 6998069.8/34

In: 0.001+/-0.000 χ^2/NDF : 907342.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6998069.8/34

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

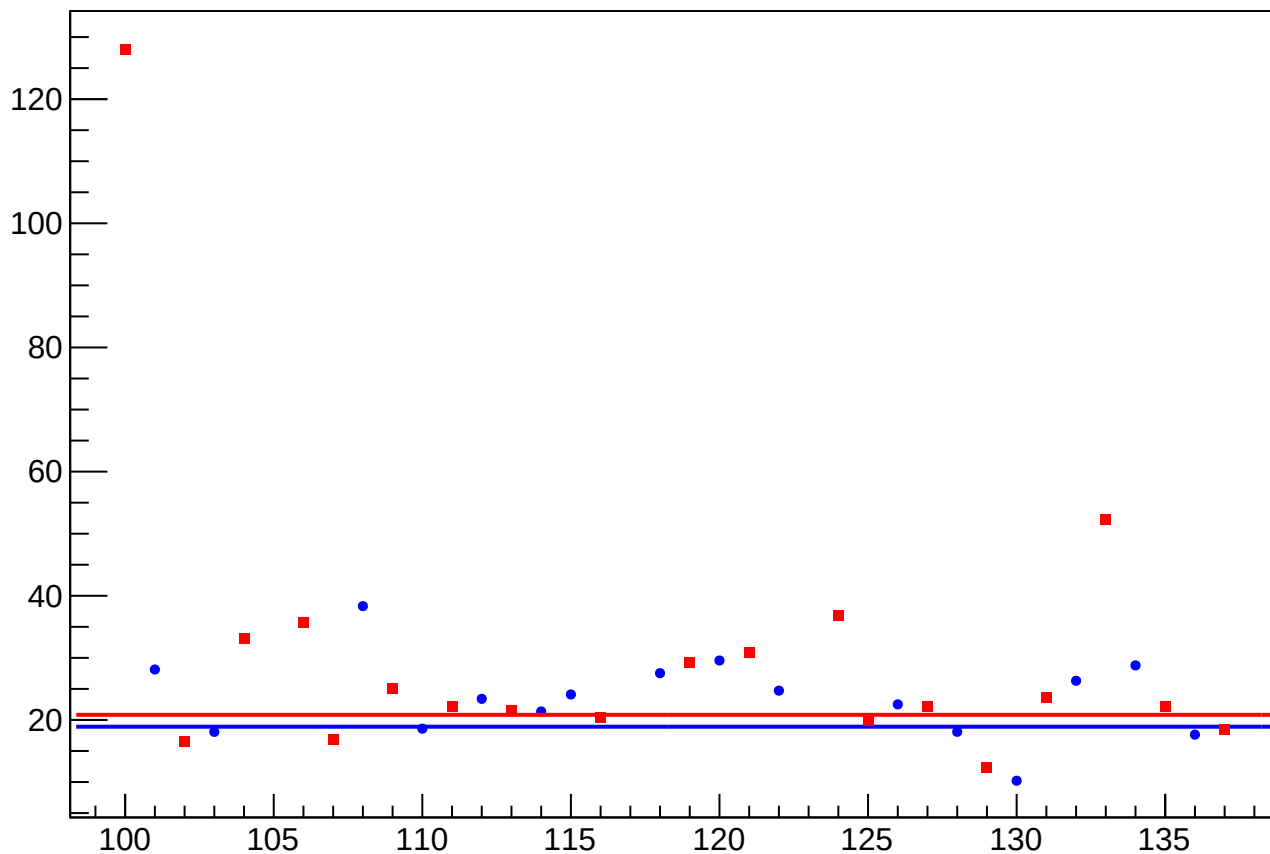
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

In: 0.003 $\pm$ 0.008 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.912+/-0.006 χ^2/NDF : 1390233.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.827+/-0.006 χ^2/NDF : 1291537.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

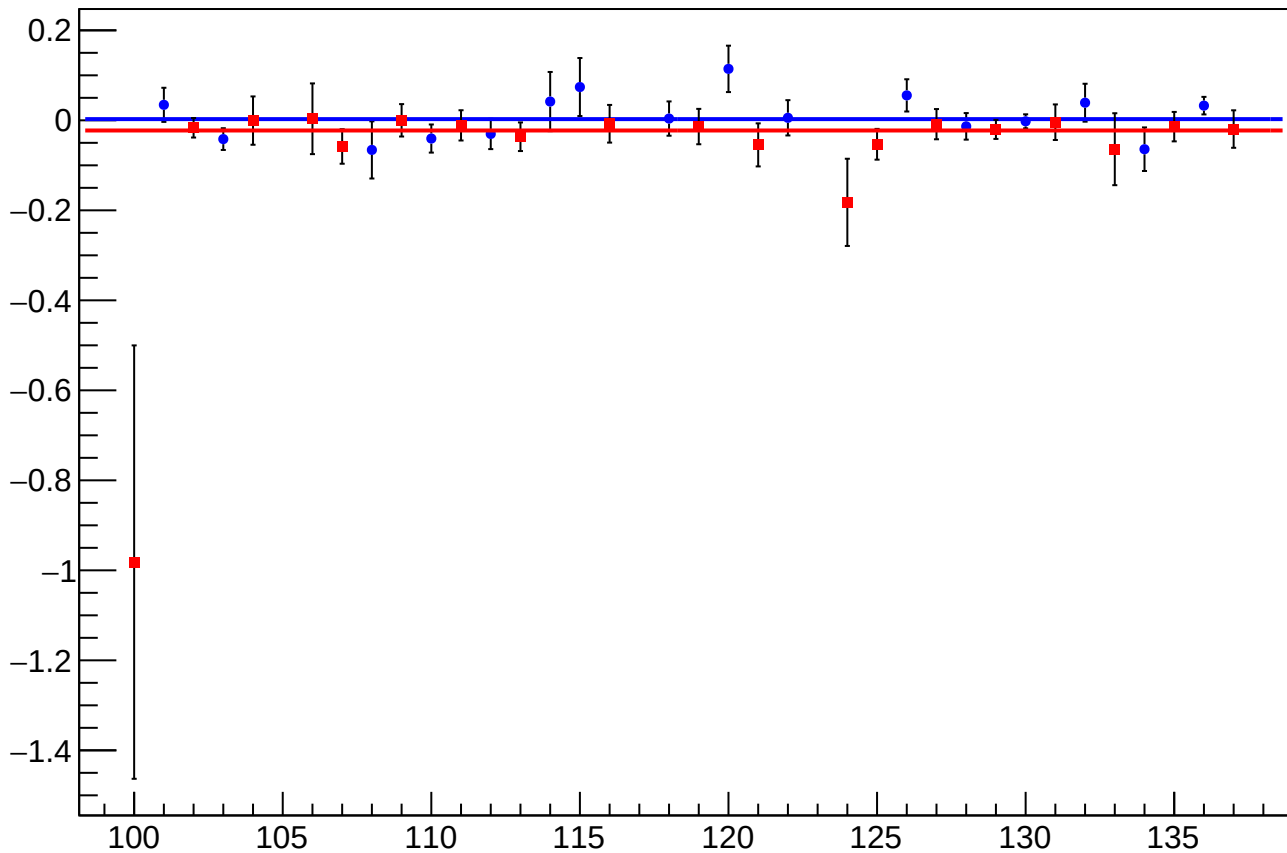
Right: 19.793+/-0.004 χ^2/NDF : 2737206.7/34

In: 18.912+/-0.006 χ^2/NDF : 1390233.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.793+/-0.004 χ^2/NDF : 2737206.7/34

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.003 $\pm$ 0.008 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.023 $\pm$ 0.008 χ^2 /NDF: 10.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

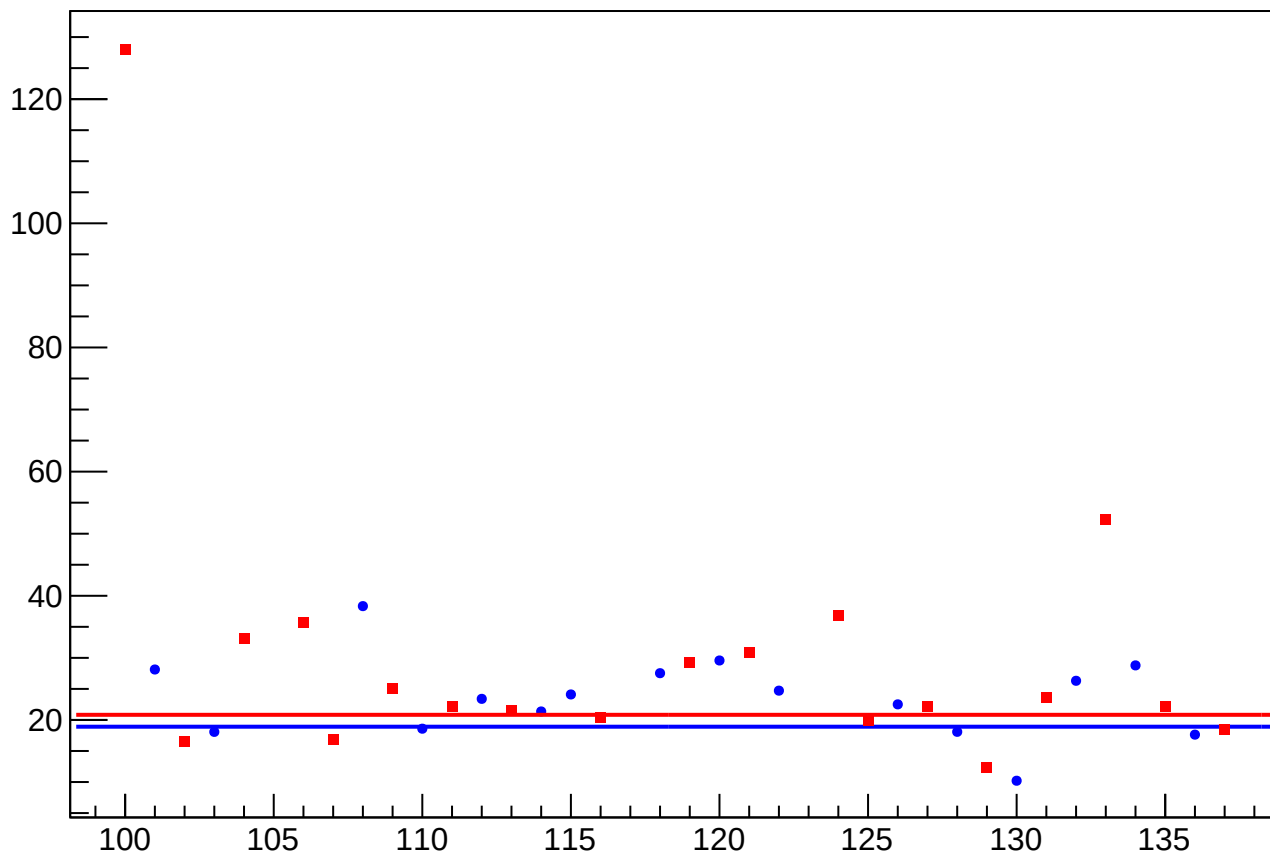
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

In: 0.003 $\pm$ 0.008 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/34

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.912+/-0.006 χ^2/NDF : 1390233.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.827+/-0.006 χ^2/NDF : 1291537.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

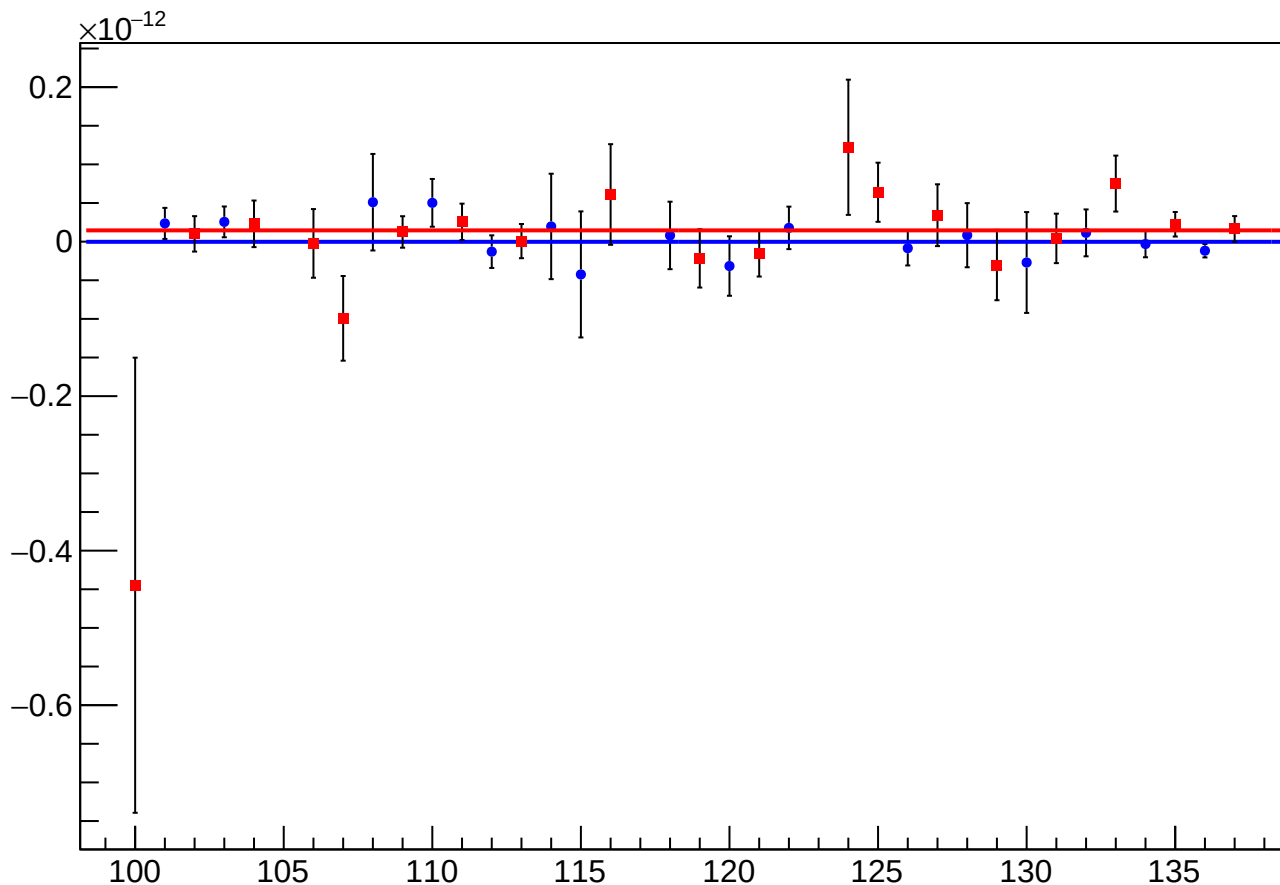
Right: 19.793+/-0.004 χ^2/NDF : 2737206.7/34

In: 18.912+/-0.006 χ^2/NDF : 1390233.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.793+/-0.004 χ^2/NDF : 2737206.7/34

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 10.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 17.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

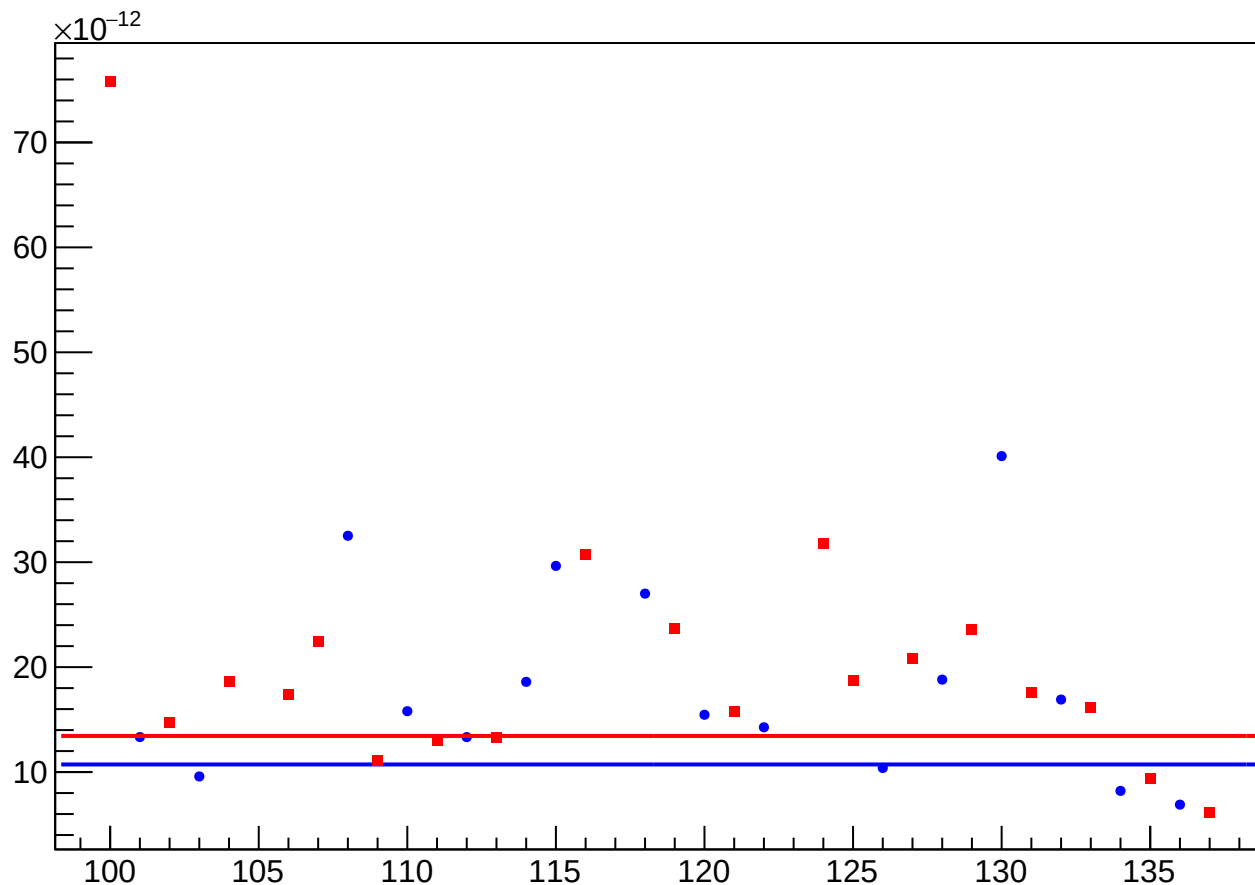
Right: 0.000+/-0.000 χ^2 /NDF: 31.1/34

In: -0.000+/-0.000 χ^2 /NDF:10.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 31.1/34

asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1836547.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1402984.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

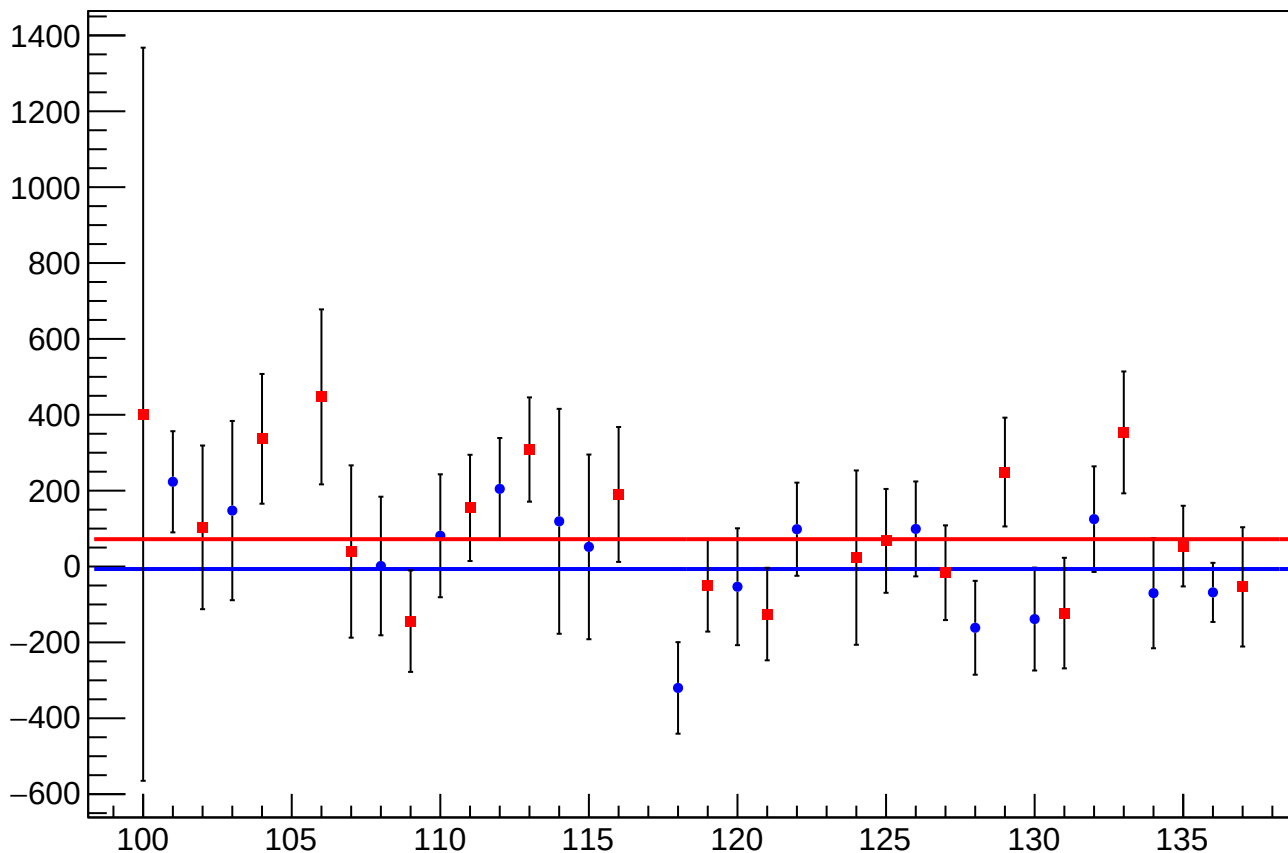
Right: 0.000+/-0.000 χ^2/NDF : 3438709.3/34

In: 0.000+/-0.000 χ^2/NDF : 1836547.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3438709.3/34

reg_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -6.559 $\pm$ 34.286 χ^2 /NDF: 18.9/15

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 72.124 $\pm$ -34.883 χ^2 /NDF: 22.8/18

Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

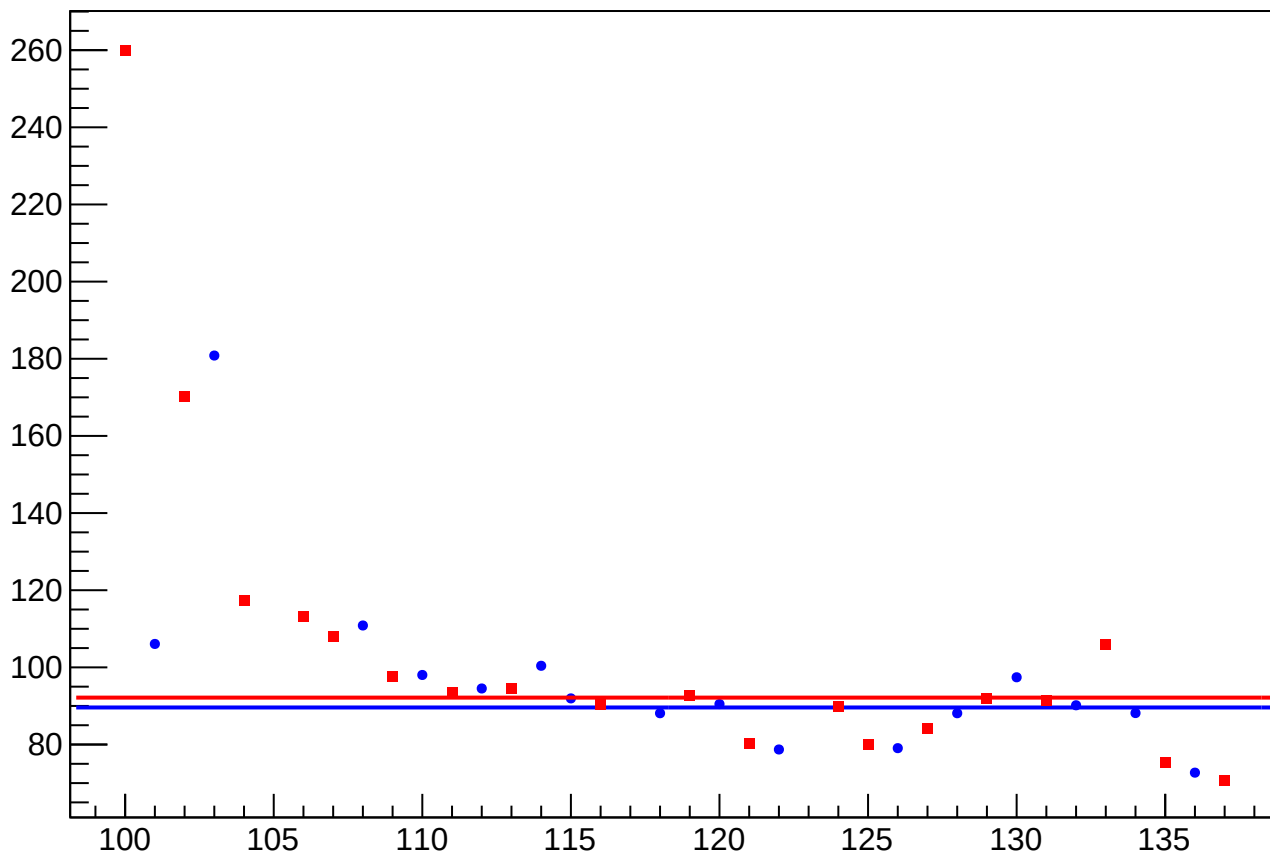
Right: 32.104 $\pm$ -24.452 χ^2 /NDF: 44.3/34

In: -6.559 $\pm$ -34.286 χ^2 /NDF:18.9/15

Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

All: 32.104 $\pm$ -24.452 χ^2 /NDF: 44.3/34

reg_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.604+/-0.024 χ^2/NDF : 498380.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.161+/-0.025 χ^2/NDF : 542074.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

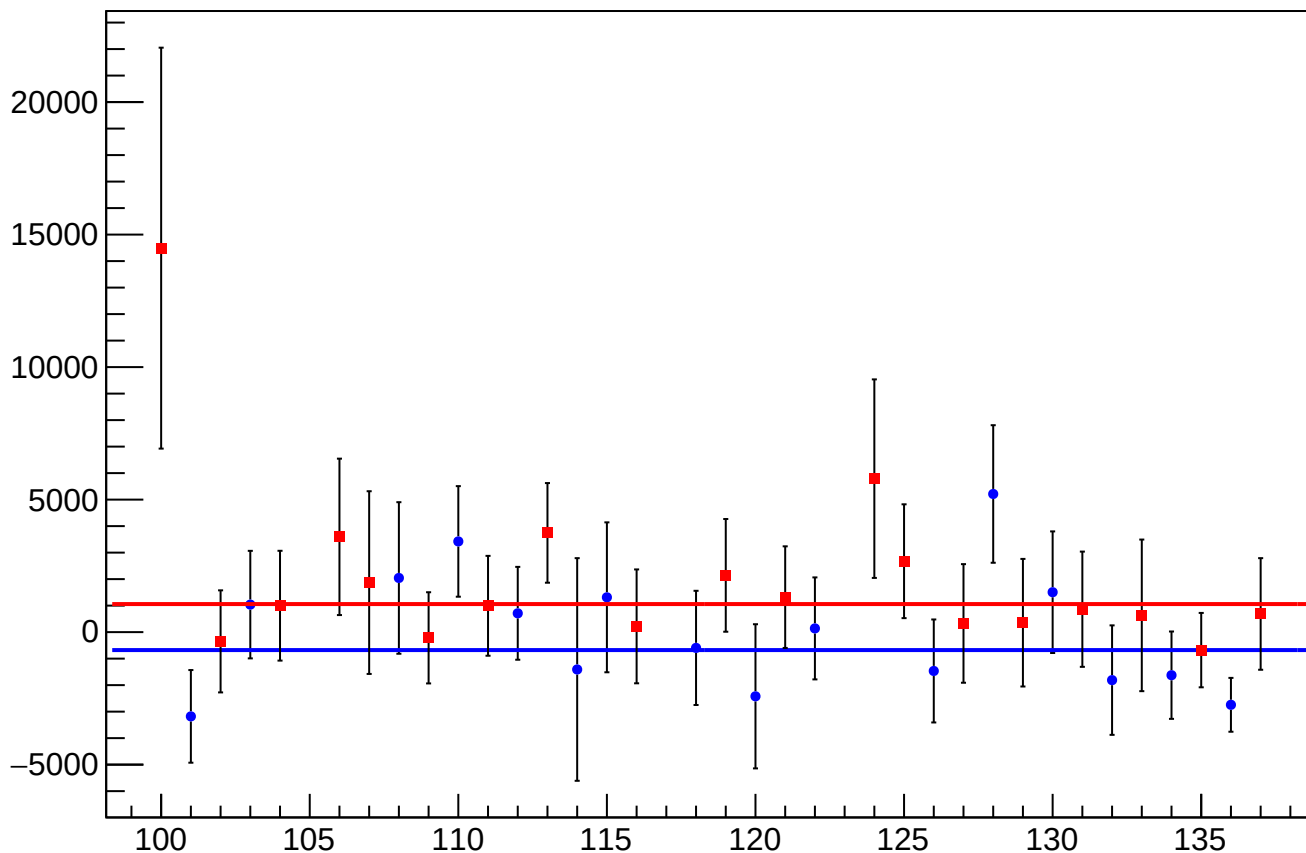
Right: 90.860+/-0.017 χ^2/NDF : 1045922.9/34

In: 89.604+/-0.024 χ^2/NDF : 498380.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.860+/-0.017 χ^2/NDF : 1045922.9/34

asym_sam_2468_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -677.381+/-486.480 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1058.761+/-496.350 χ^2/NDF : 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

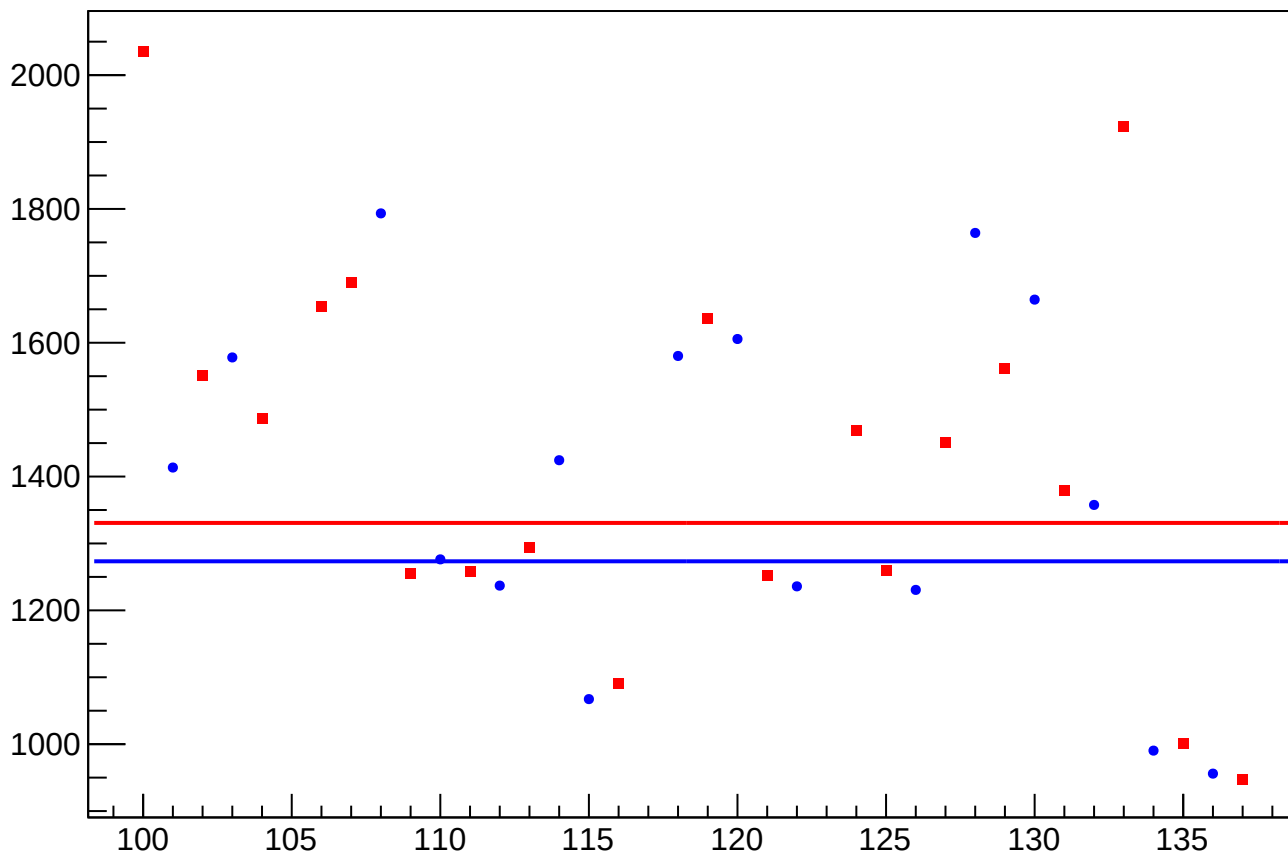
Right: 173.256+/-347.430 χ^2/NDF : 38.0/34

In: -677.381+/-486.480 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.256+/-347.430 χ^2/NDF : 38.0/34

asym_sam_2468_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 1273.324+/-0.344 χ^2/NDF : 597520.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1330.683+/-0.351 χ^2/NDF : 470703.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

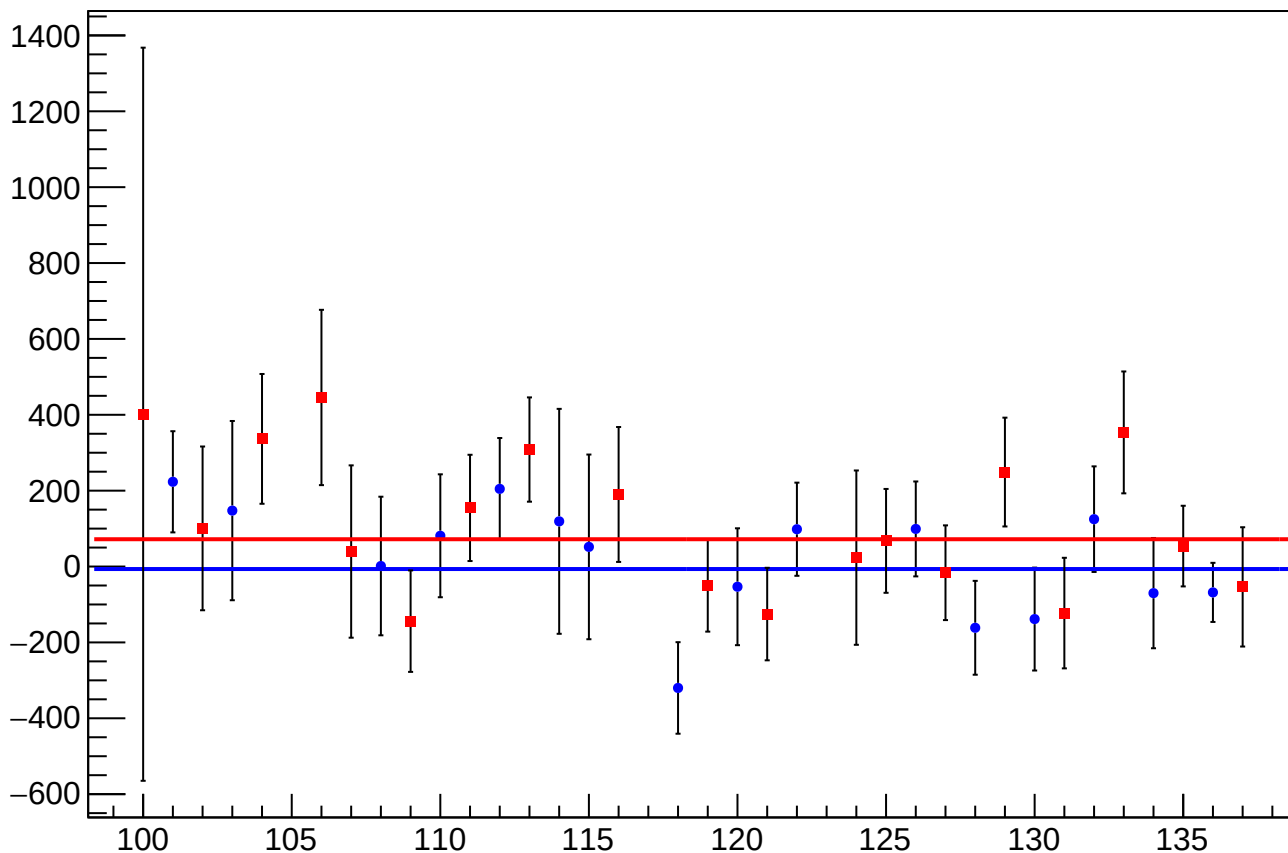
Right: 1301.428+/-0.246 χ^2/NDF : 1081847.0/34

In: 1273.324+/-0.344 χ^2/NDF : 597520.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1301.428+/-0.246 χ^2/NDF : 1081847.0/34

cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -6.568 $\pm$ 34.286 χ^2 /NDF: 18.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 71.981 $\pm$ 34.885 χ^2 /NDF: 22.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

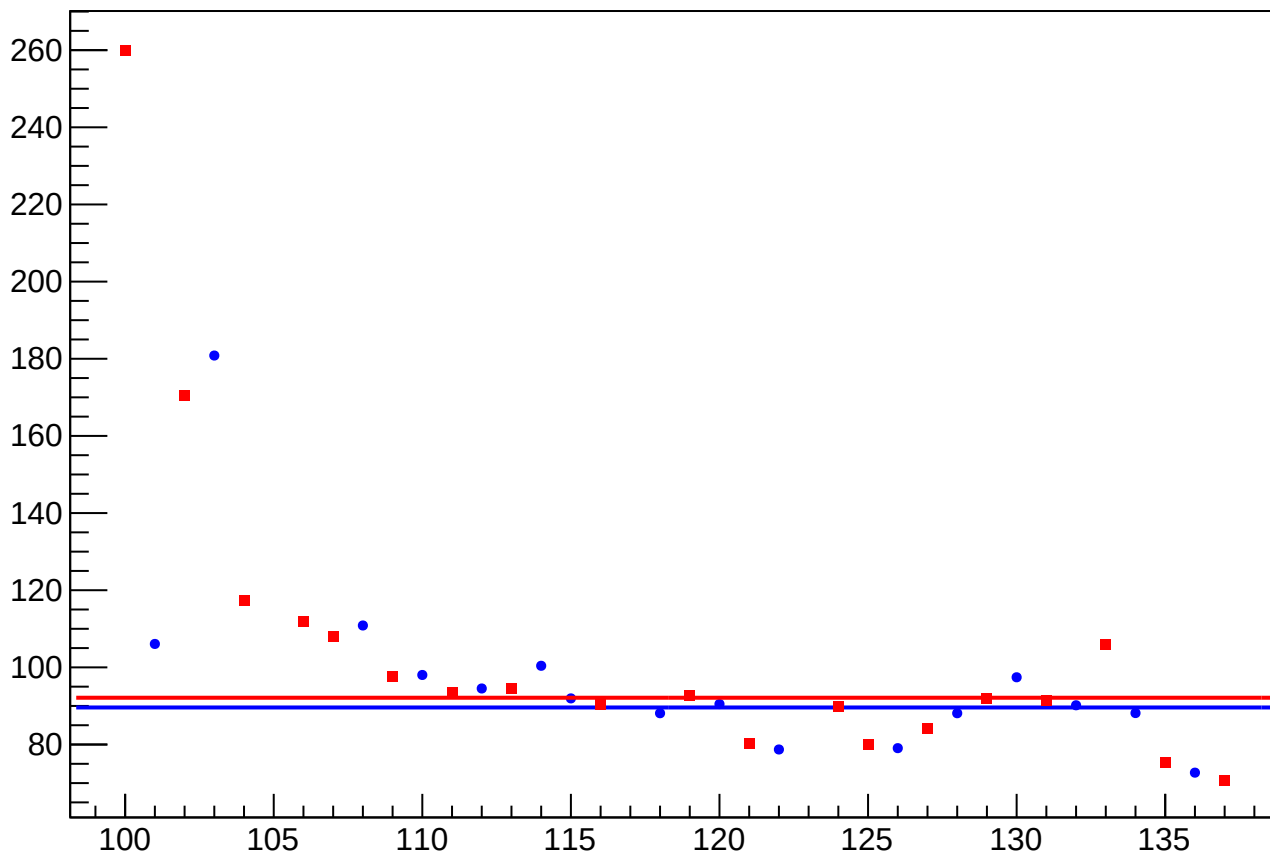
Right: 32.026 $\pm$ 24.453 χ^2 /NDF: 44.3/34

In: -6.568 $\pm$ 34.286 χ^2 /NDF:18.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 32.026 $\pm$ 24.453 χ^2 /NDF: 44.3/34

cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.604+/-0.024 χ^2/NDF : 498384.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.129+/-0.025 χ^2/NDF : 540308.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

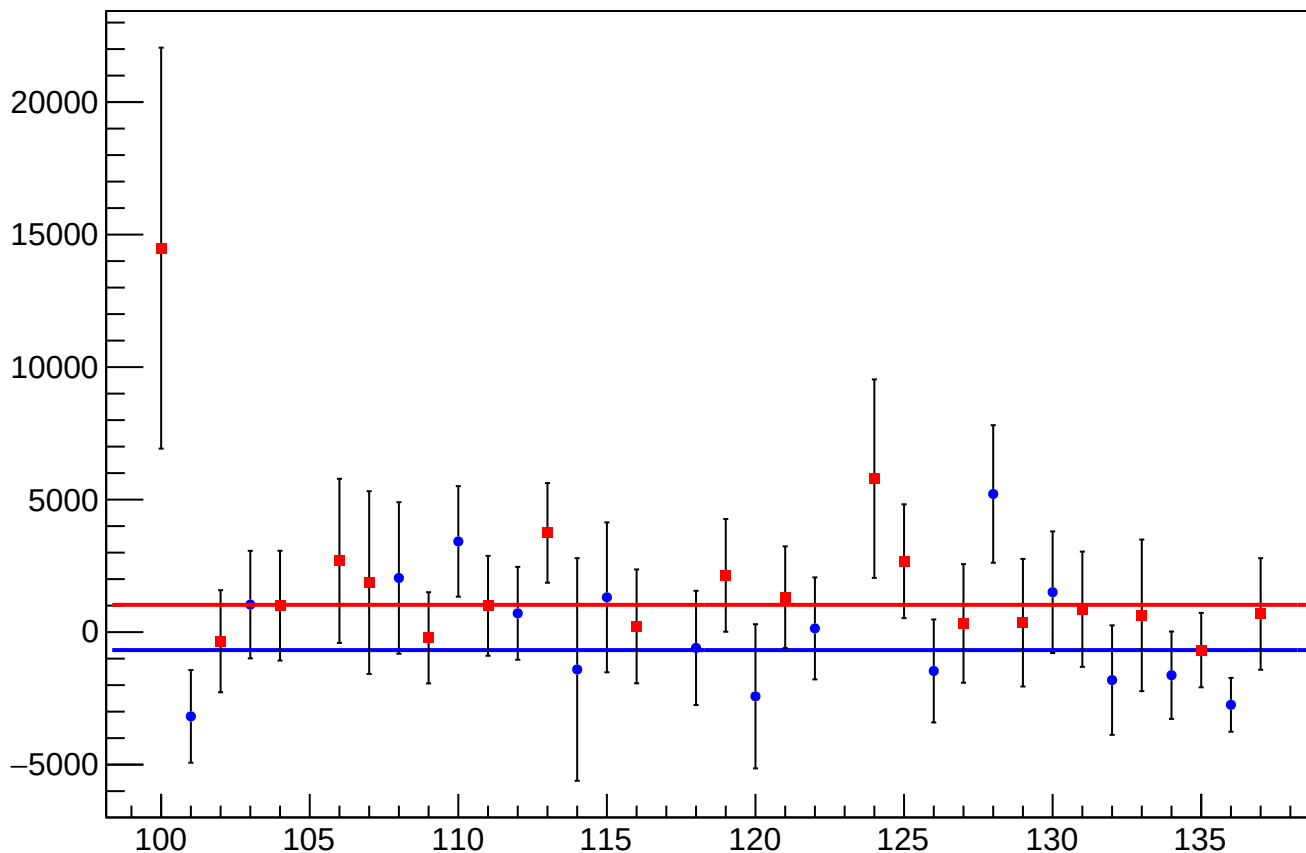
Right: 90.845+/-0.017 χ^2/NDF : 1044025.4/34

In: 89.604+/-0.024 χ^2/NDF : 498384.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.845+/-0.017 χ^2/NDF : 1044025.4/34

asym_sam_2468_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -677.345+/-486.482 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.395+/-497.018 χ^2/NDF : 11.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

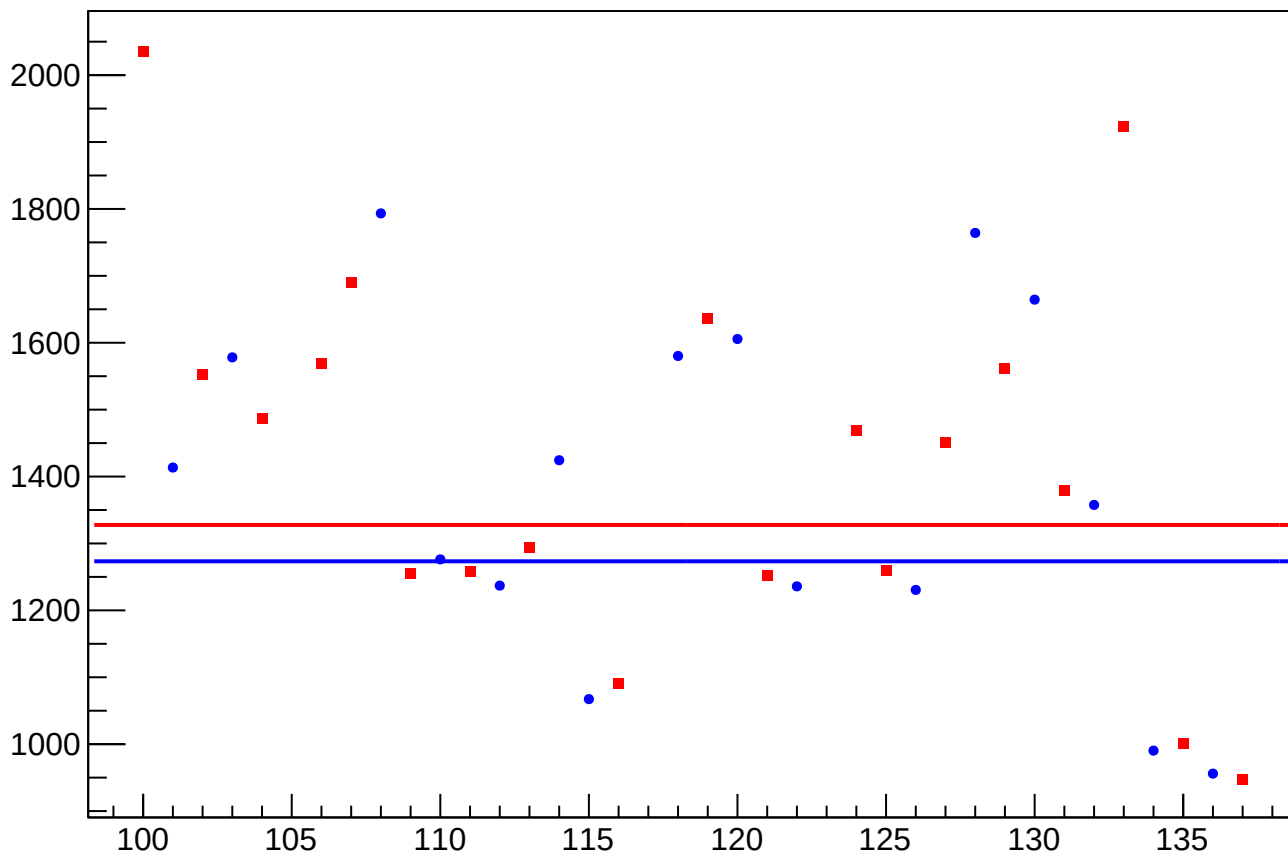
Right: 157.743+/-347.660 χ^2/NDF : 37.3/34

In: -677.345+/-486.482 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.743+/-347.660 χ^2/NDF : 37.3/34

asym_sam_2468_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 1273.327+/-0.344 χ^2/NDF : 597547.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1327.661+/-0.351 χ^2/NDF : 458481.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

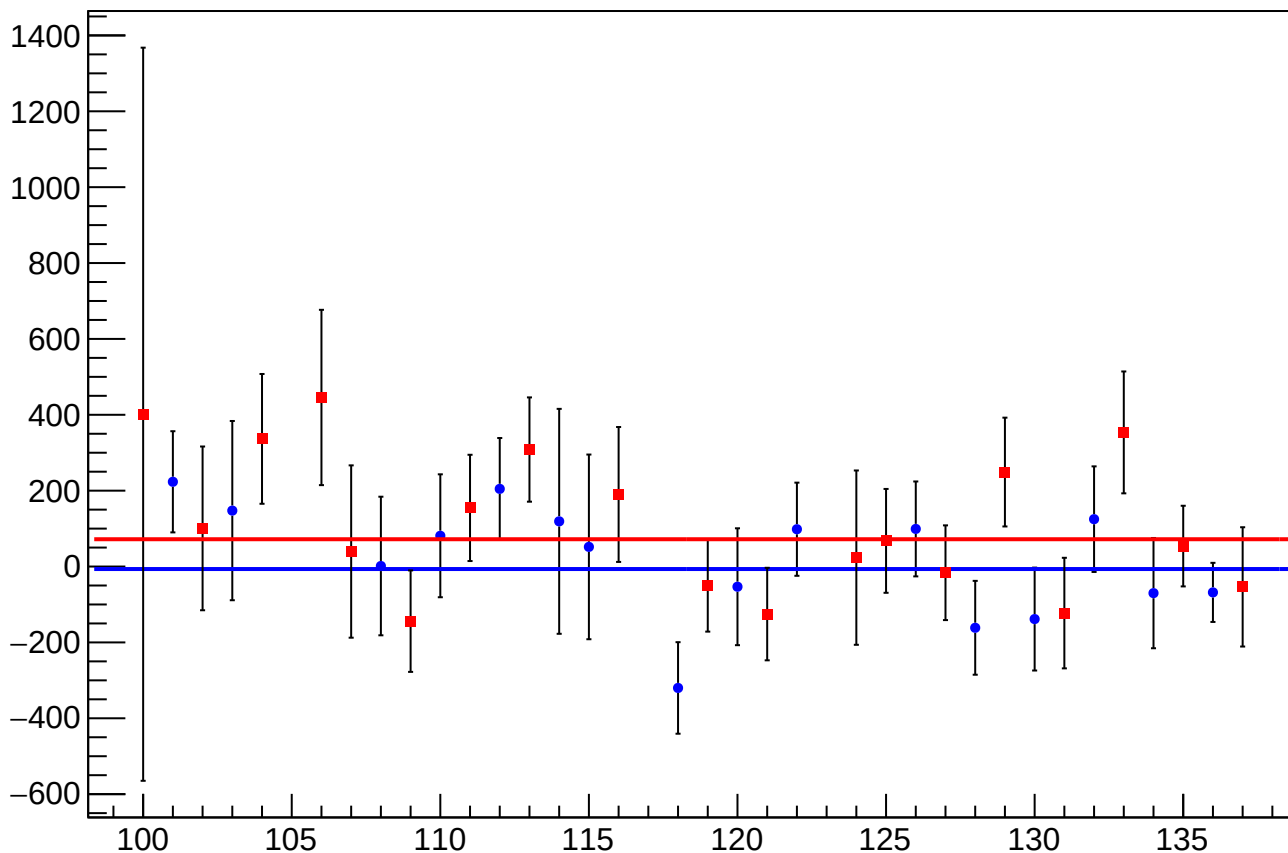
Right: 1299.912+/-0.246 χ^2/NDF : 1068235.5/34

In: 1273.327+/-0.344 χ^2/NDF : 597547.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.912+/-0.246 χ^2/NDF : 1068235.5/34

eigen_cor_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: -6.568+/-34.286 χ^2/NDF : 18.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.981+/-34.885 χ^2/NDF : 22.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

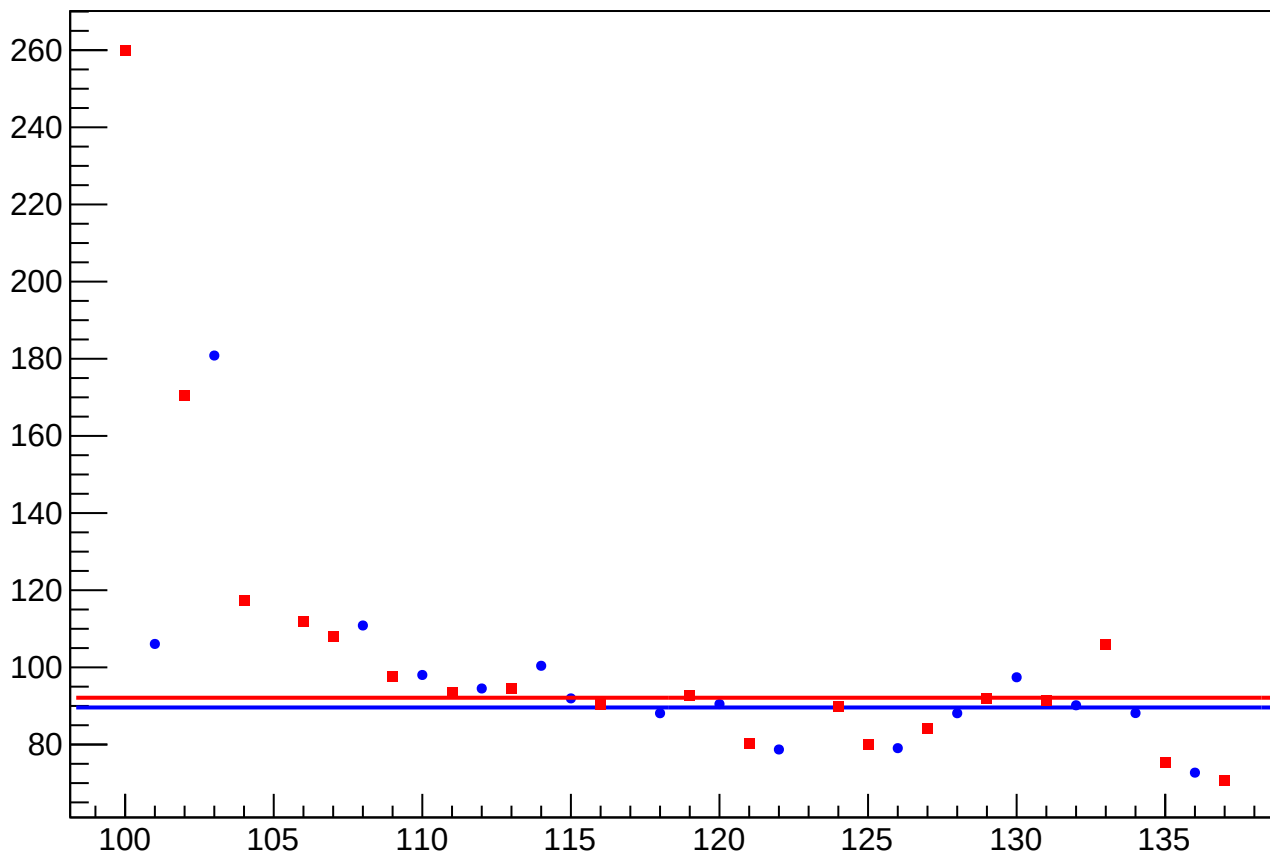
Right: 32.026+/-24.453 χ^2/NDF : 44.3/34

In: -6.568+/-34.286 χ^2/NDF : 18.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.026+/-24.453 χ^2/NDF : 44.3/34

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.604+/-0.024 χ^2/NDF : 498384.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.129+/-0.025 χ^2/NDF : 540308.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

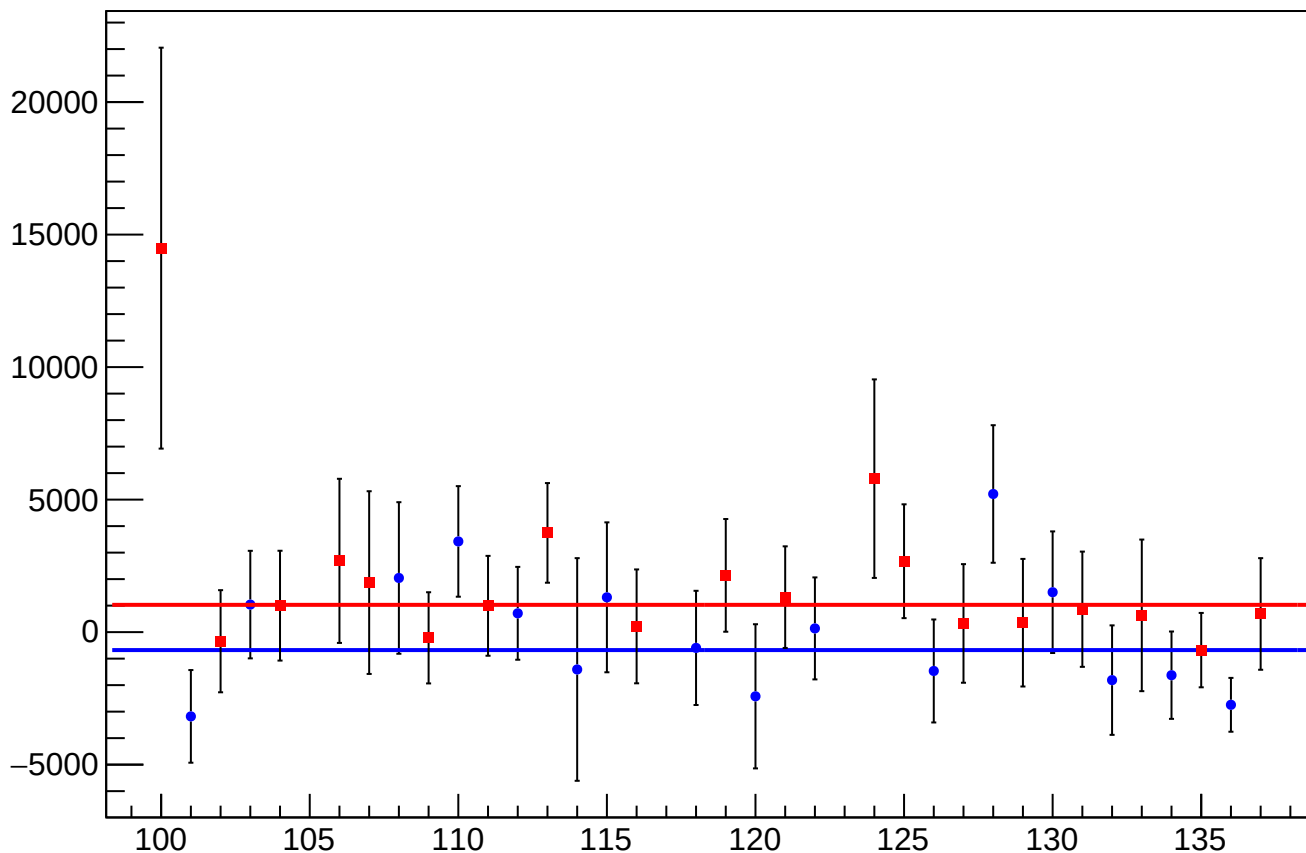
Right: 90.845+/-0.017 χ^2/NDF : 1044025.4/34

In: 89.604+/-0.024 χ^2/NDF : 498384.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.845+/-0.017 χ^2/NDF : 1044025.4/34

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -677.345+/-486.482 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1029.395+/-497.018 χ^2/NDF : 11.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

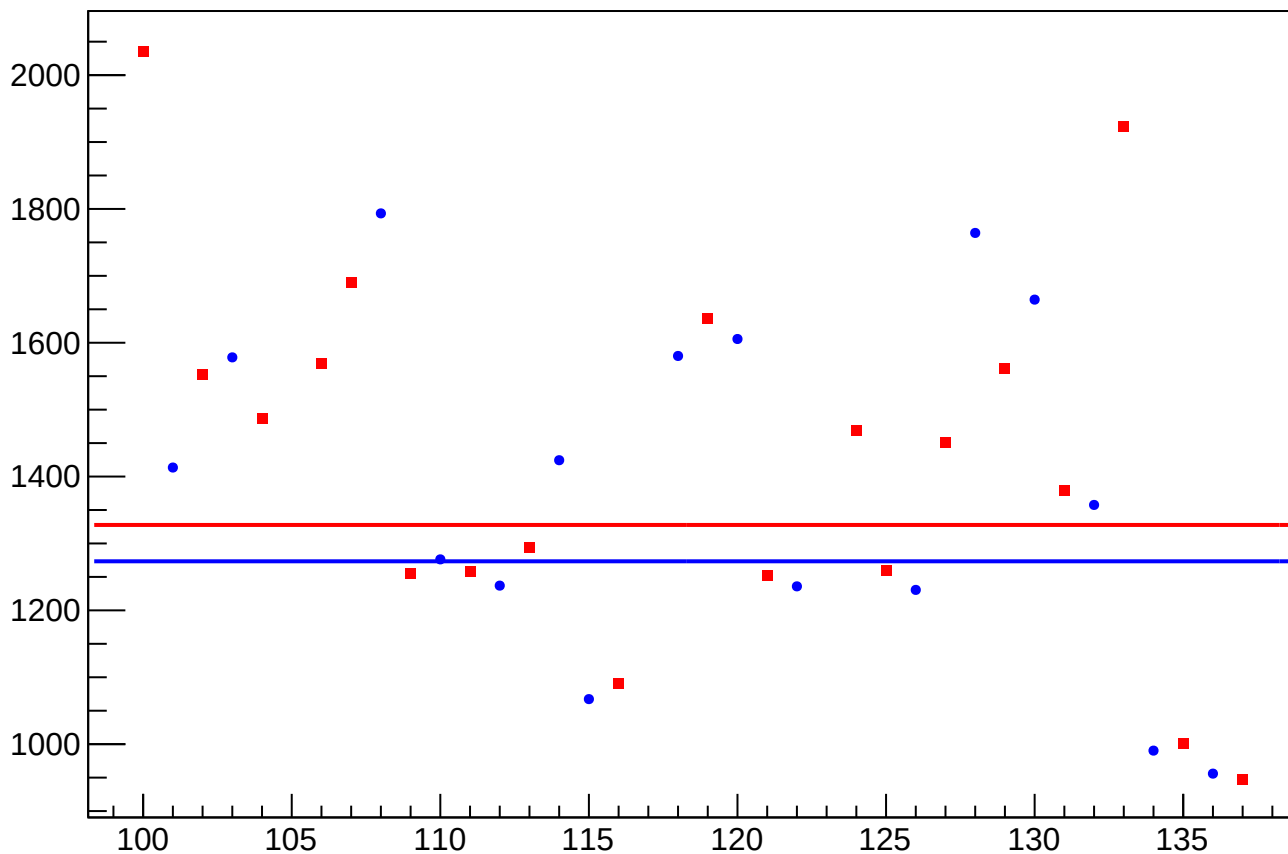
Right: 157.743+/-347.660 χ^2/NDF : 37.3/34

In: -677.345+/-486.482 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 157.743+/-347.660 χ^2/NDF : 37.3/34

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 1273.327±/0.344 χ^2/NDF : 597547.8/15

Left Out: 0.000±/0.000 χ^2/NDF : 0.0/0

Right Out: 1327.661±/0.351 χ^2/NDF : 458481.2/18

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

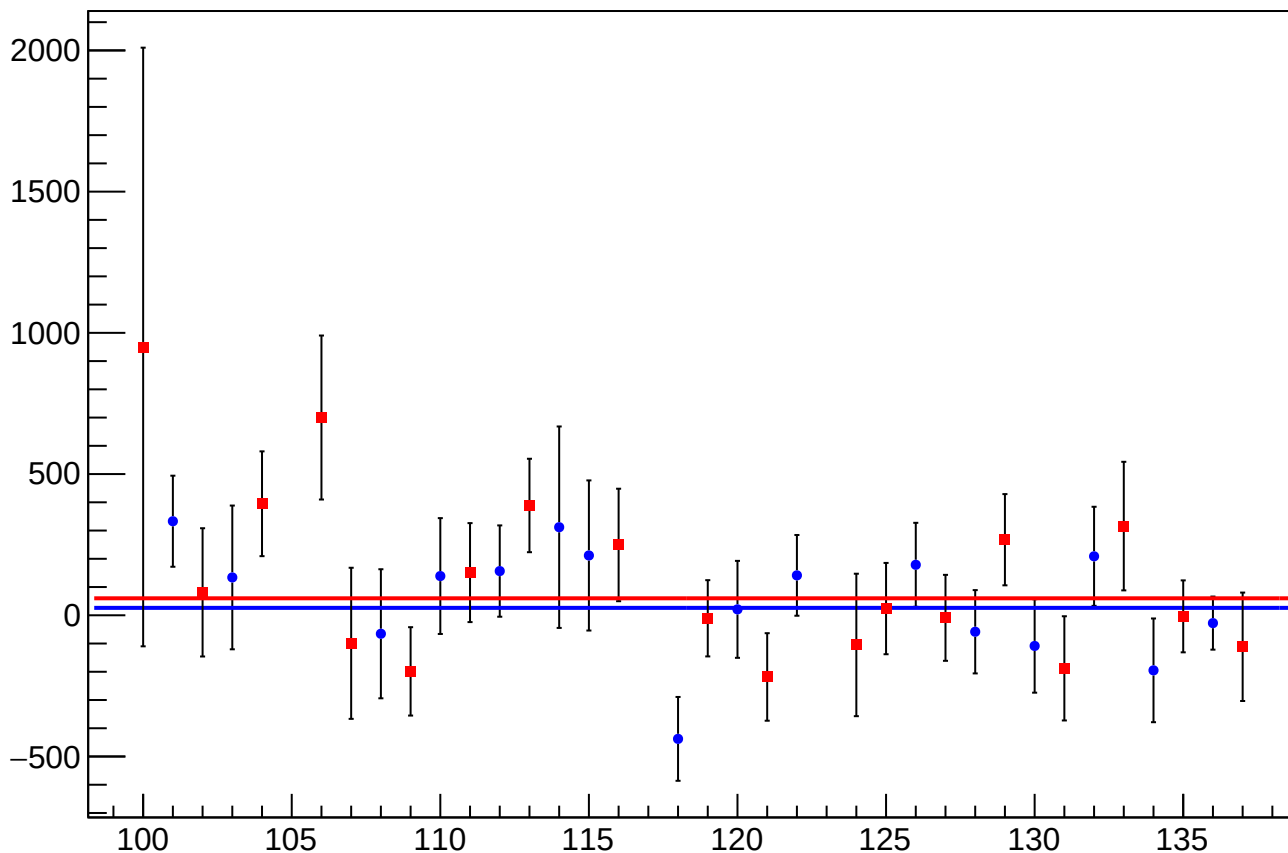
Right: 1299.912±/0.246 χ^2/NDF : 1068235.5/34

In: 1273.327±/0.344 χ^2/NDF : 597547.8/15

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: 1299.912±/0.246 χ^2/NDF : 1068235.5/34

dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 26.251+/-41.220 χ^2/NDF : 21.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.119+/-41.528 χ^2/NDF : 27.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

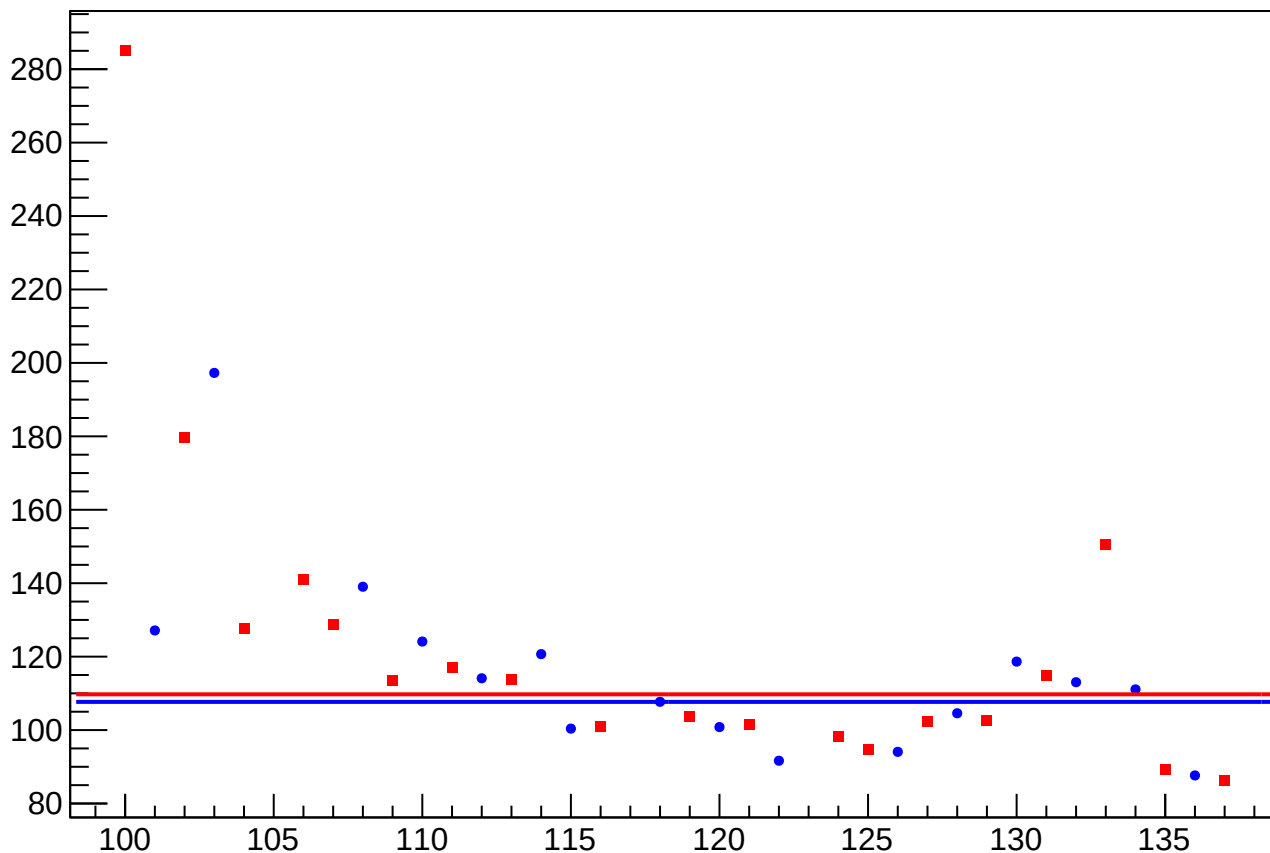
Right: 43.059+/-29.255 χ^2/NDF : 48.7/34

In: 26.251+/-41.220 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.059+/-29.255 χ^2/NDF : 48.7/34

dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.680 $\pm$ 0.029 χ^2 /NDF: 483125.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 109.739 $\pm$ 0.029 χ^2 /NDF: 491787.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

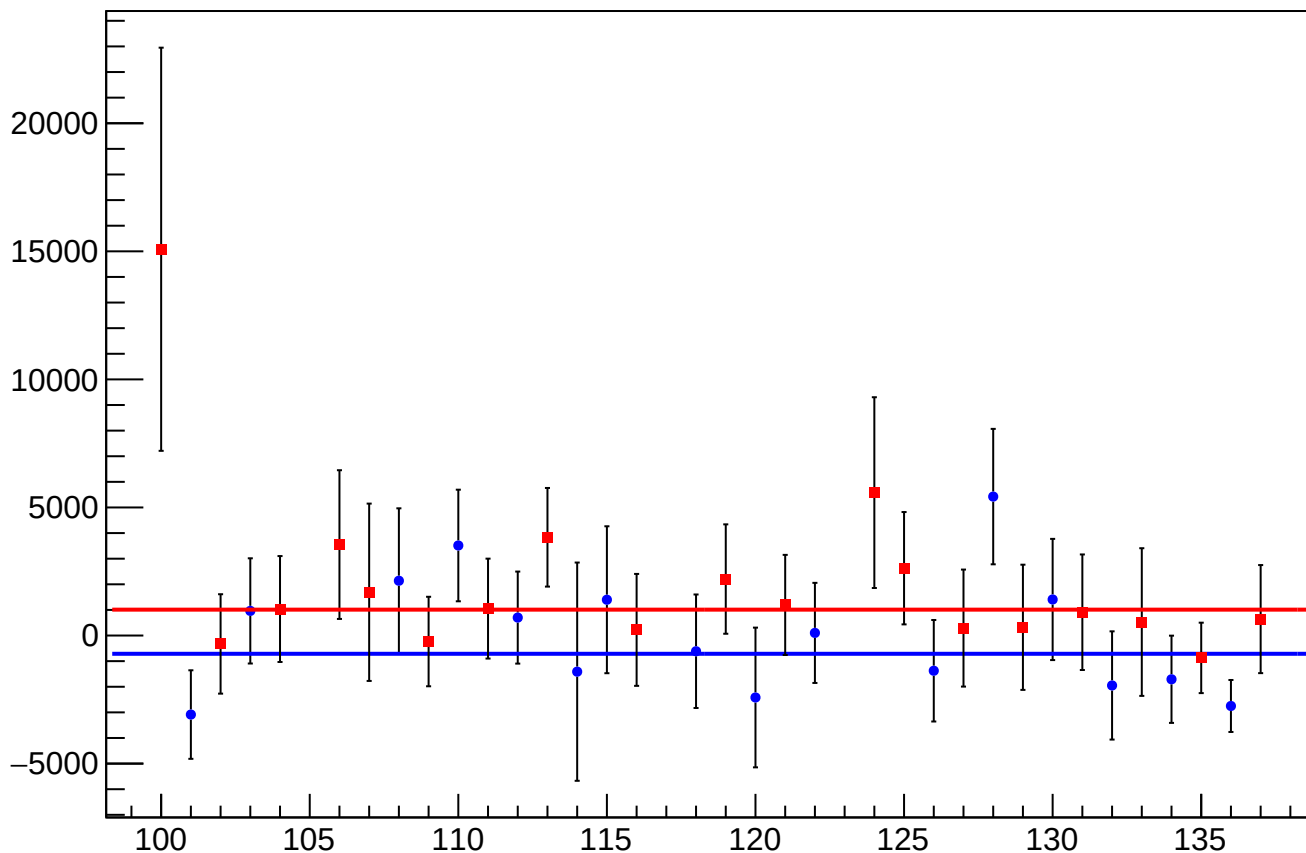
Right: 108.702 $\pm$ 0.021 χ^2 /NDF: 977390.9/34

In: 107.680 $\pm$ 0.029 χ^2 /NDF:483125.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 108.702 $\pm$ 0.021 χ^2 /NDF: 977390.9/34

asym_sam_2468_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -712.887 ± 493.253 χ^2/NDF : 20.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1010.557 ± 501.374 χ^2/NDF : 11.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

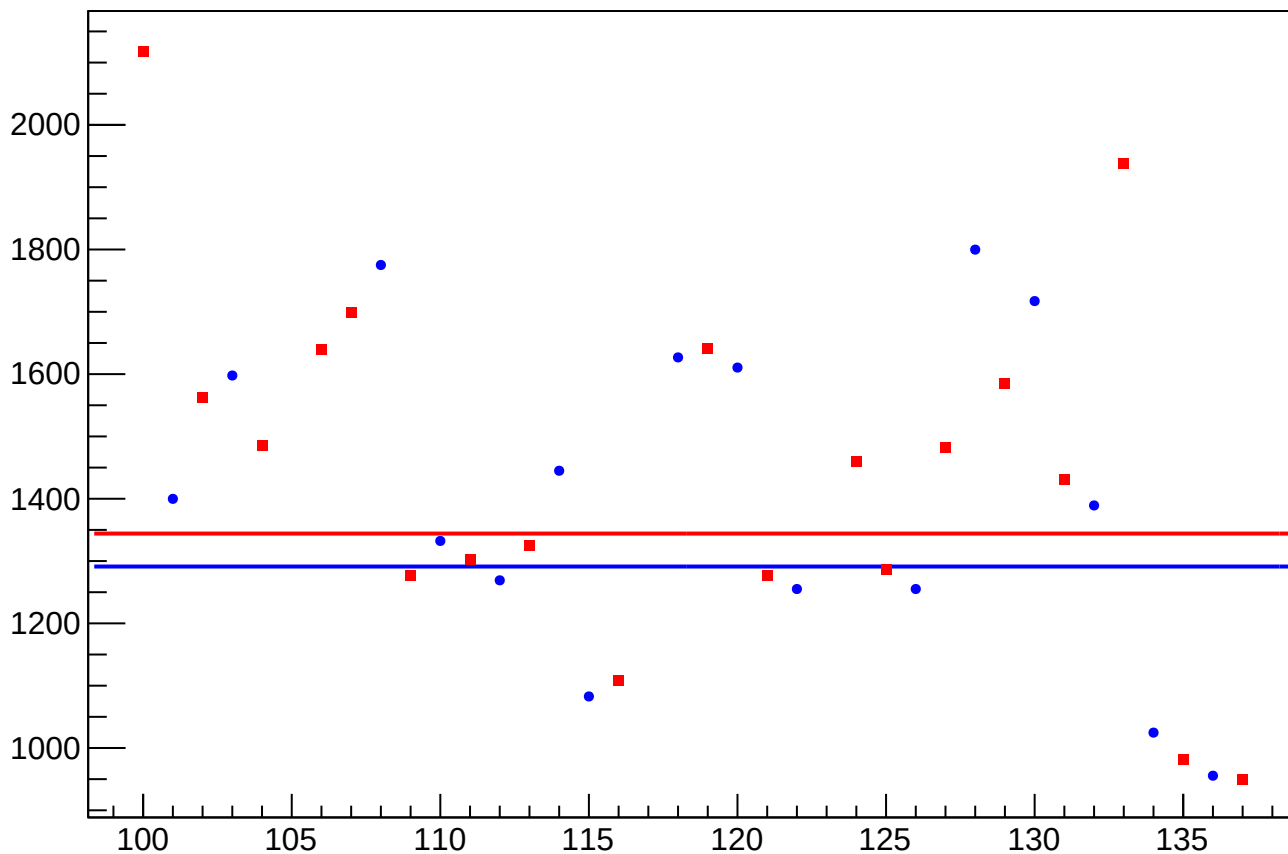
Right: 134.764 ± 351.618 χ^2/NDF : 37.9/34

In: -712.887 ± 493.253 χ^2/NDF : 20.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.764 ± 351.618 χ^2/NDF : 37.9/34

asym_sam_2468_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1291.223+/-0.349 χ^2/NDF : 610897.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.118+/-0.355 χ^2/NDF : 490963.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

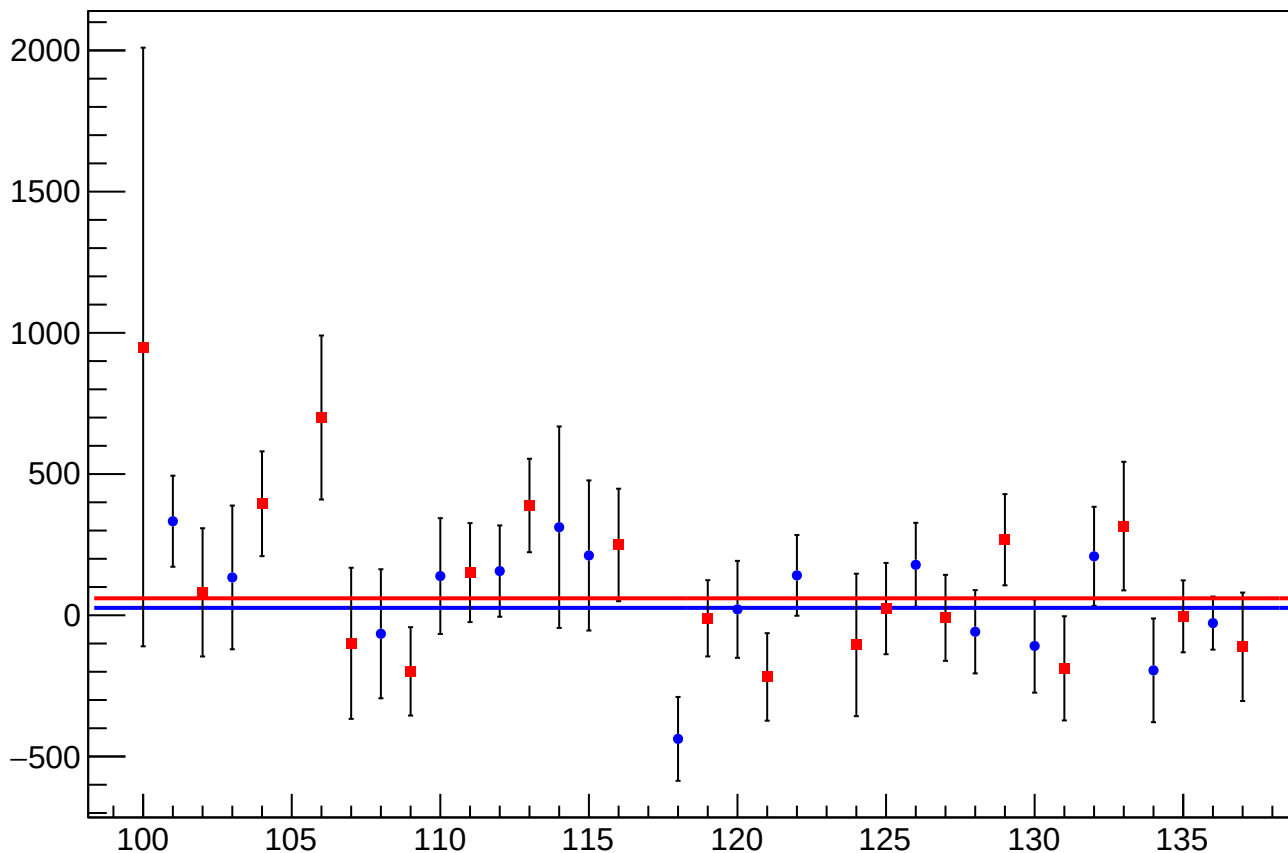
Right: 1317.239+/-0.249 χ^2/NDF : 1113173.0/34

In: 1291.223+/-0.349 χ^2/NDF : 610897.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.239+/-0.249 χ^2/NDF : 1113173.0/34

eigen_dit_asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 26.252 $\pm$ 41.219 χ^2 /NDF: 21.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.117 $\pm$ 41.528 χ^2 /NDF: 27.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

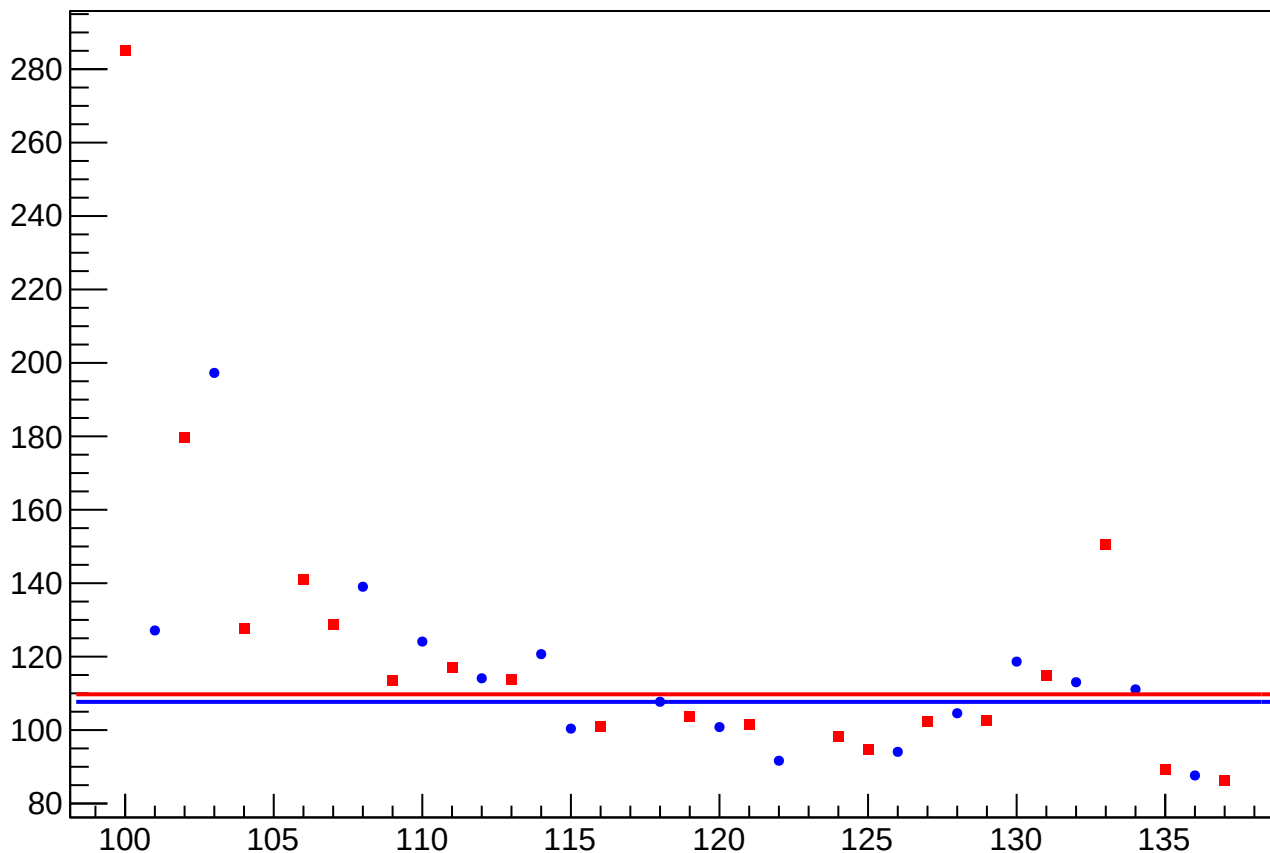
Right: 43.058 $\pm$ 29.255 χ^2 /NDF: 48.7/34

In: 26.252 $\pm$ 41.219 χ^2 /NDF:21.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 43.058 $\pm$ 29.255 χ^2 /NDF: 48.7/34

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.679+/-0.029 χ^2/NDF : 483112.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.739+/-0.029 χ^2/NDF : 491784.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

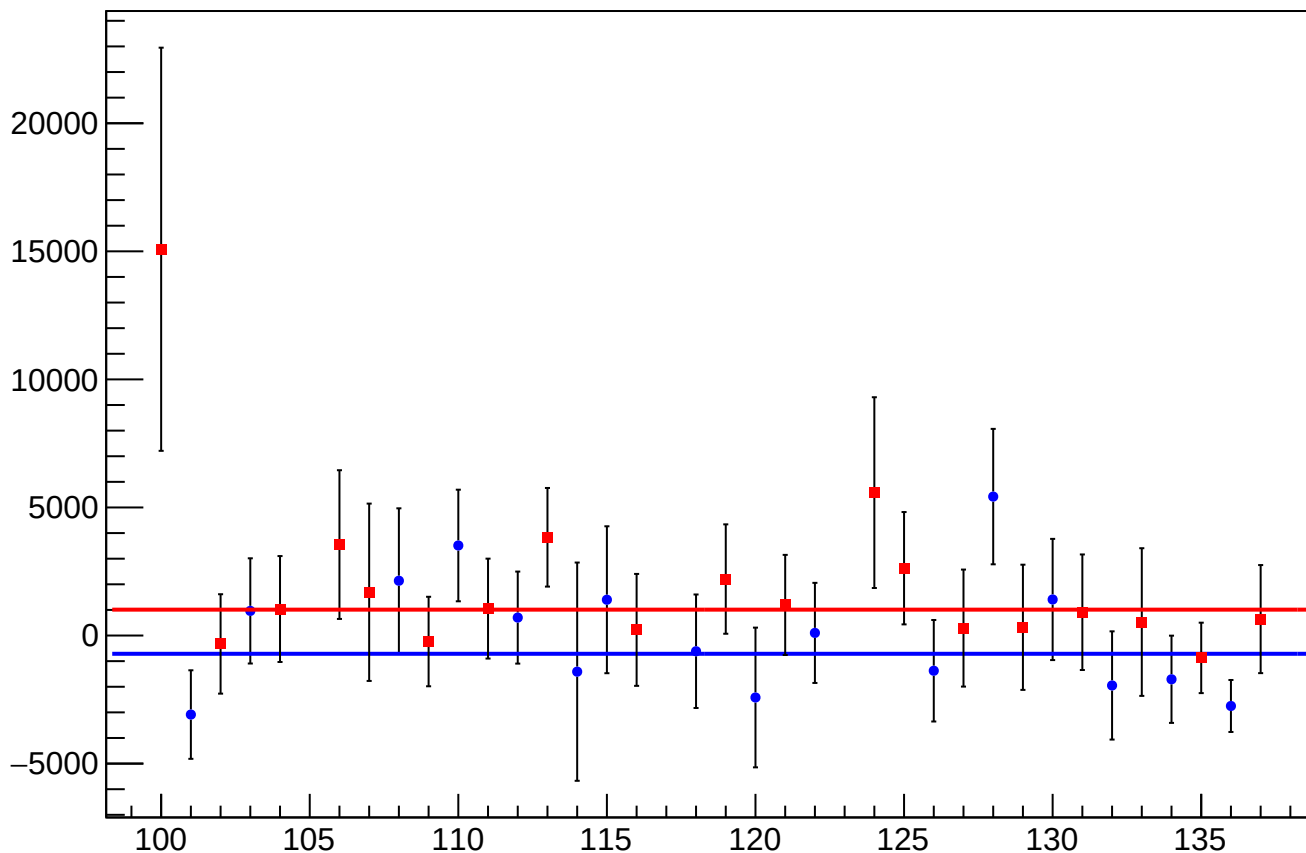
Right: 108.701+/-0.021 χ^2/NDF : 977375.0/34

In: 107.679+/-0.029 χ^2/NDF : 483112.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.701+/-0.021 χ^2/NDF : 977375.0/34

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -712.881 ± 493.252 χ^2/NDF : 20.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1010.556 ± 501.373 χ^2/NDF : 11.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

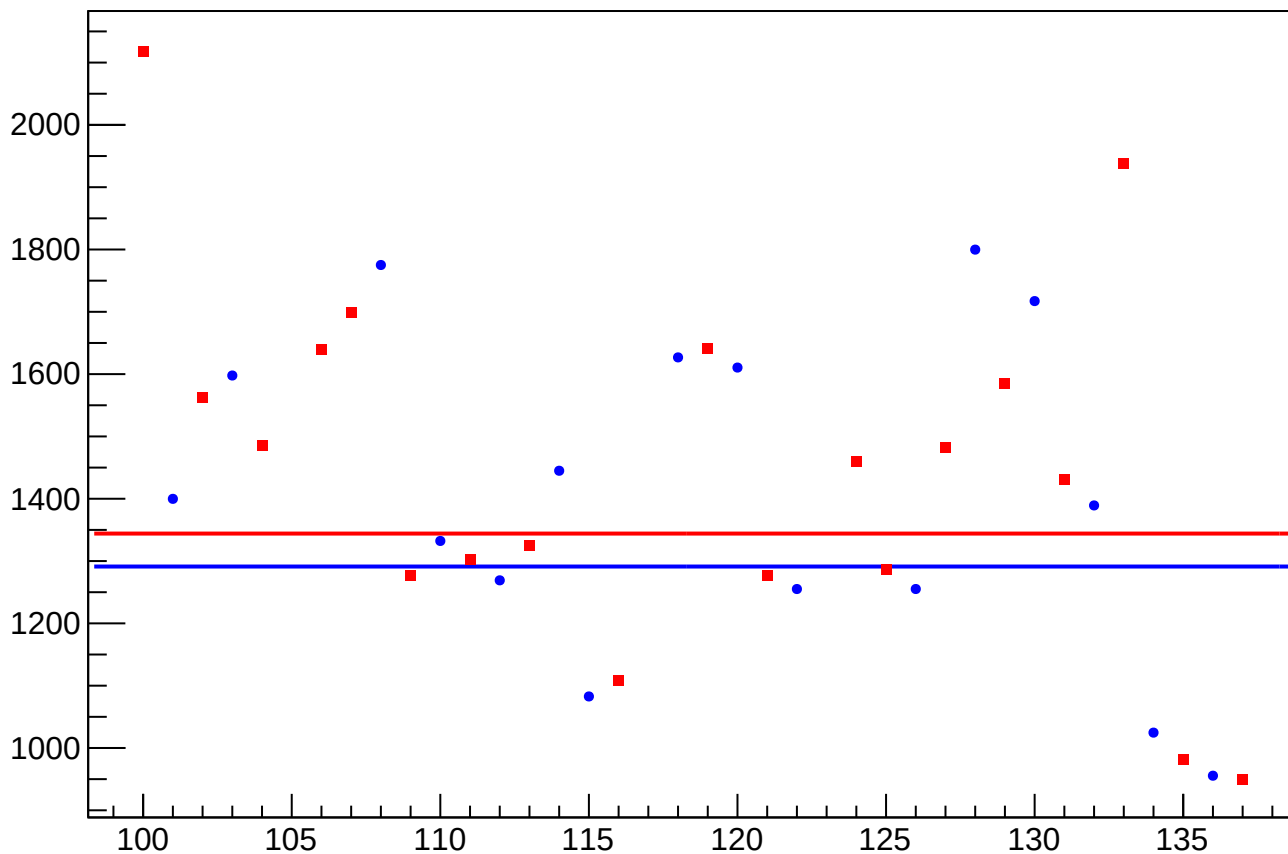
Right: 134.766 ± 351.618 χ^2/NDF : 37.9/34

In: -712.881 ± 493.252 χ^2/NDF : 20.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 134.766 ± 351.618 χ^2/NDF : 37.9/34

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 1291.220+/-0.349 χ^2/NDF : 610894.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1344.115+/-0.355 χ^2/NDF : 490963.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

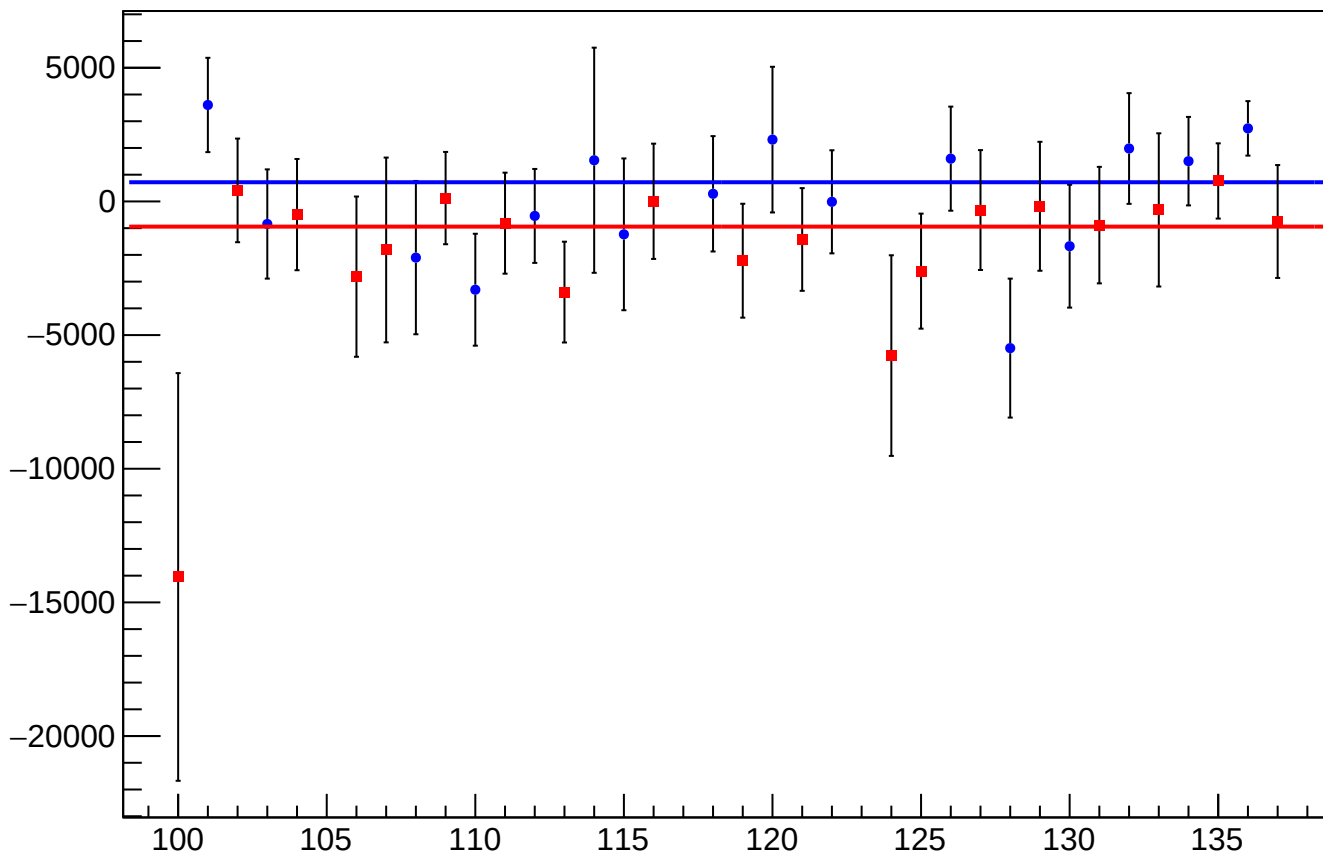
Right: 1317.235+/-0.249 χ^2/NDF : 1113170.2/34

In: 1291.220+/-0.349 χ^2/NDF : 610894.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1317.235+/-0.249 χ^2/NDF : 1113170.2/34

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 717.617 $\pm$ 488.239 χ^2 /NDF: 21.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -942.308 $\pm$ 498.052 χ^2 /NDF: 10.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

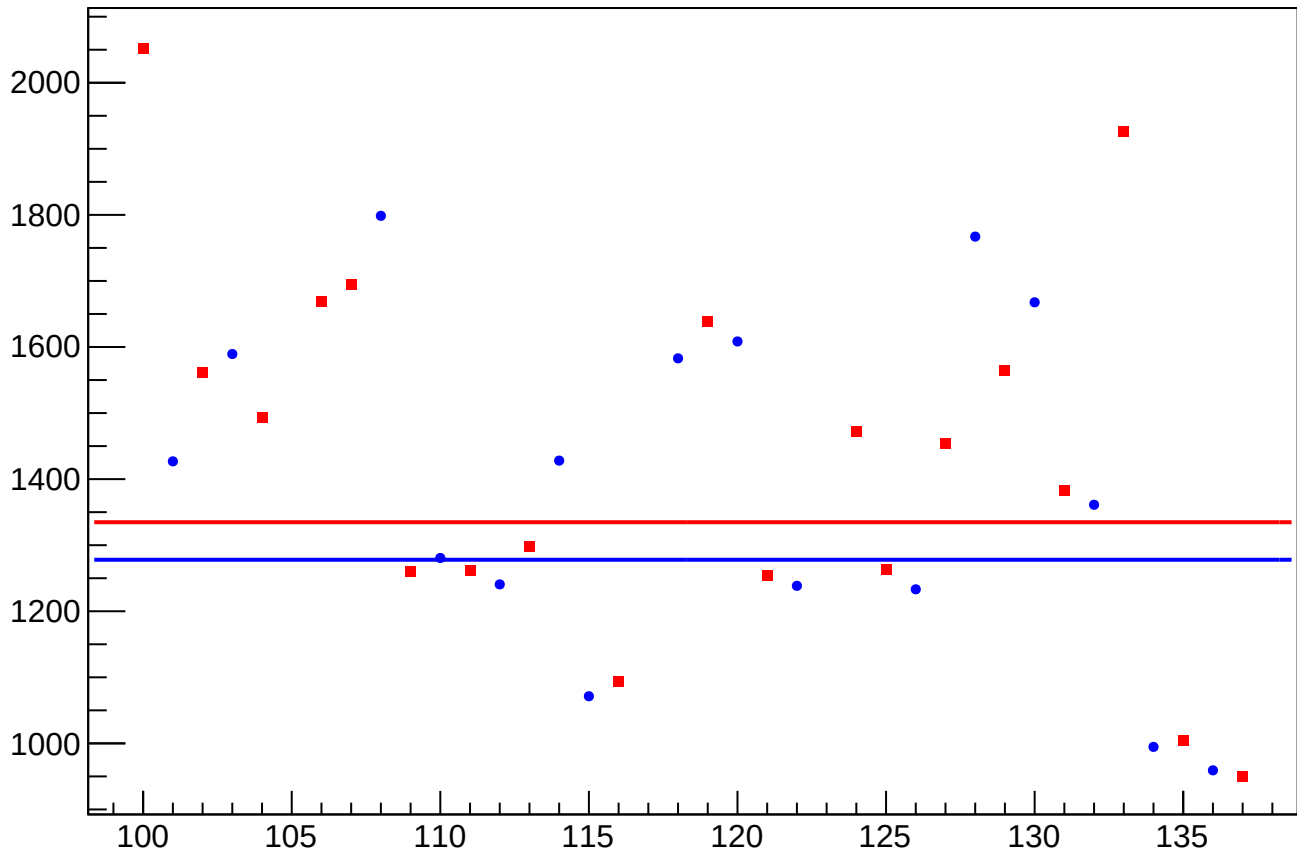
Right: -95.832 $\pm$ 348.655 χ^2 /NDF: 37.2/34

In: 717.617 $\pm$ 488.239 χ^2 /NDF:21.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -95.832 $\pm$ 348.655 χ^2 /NDF: 37.2/34

asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 1277.979+/-0.345 χ^2/NDF : 597666.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1334.775+/-0.352 χ^2/NDF : 471897.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

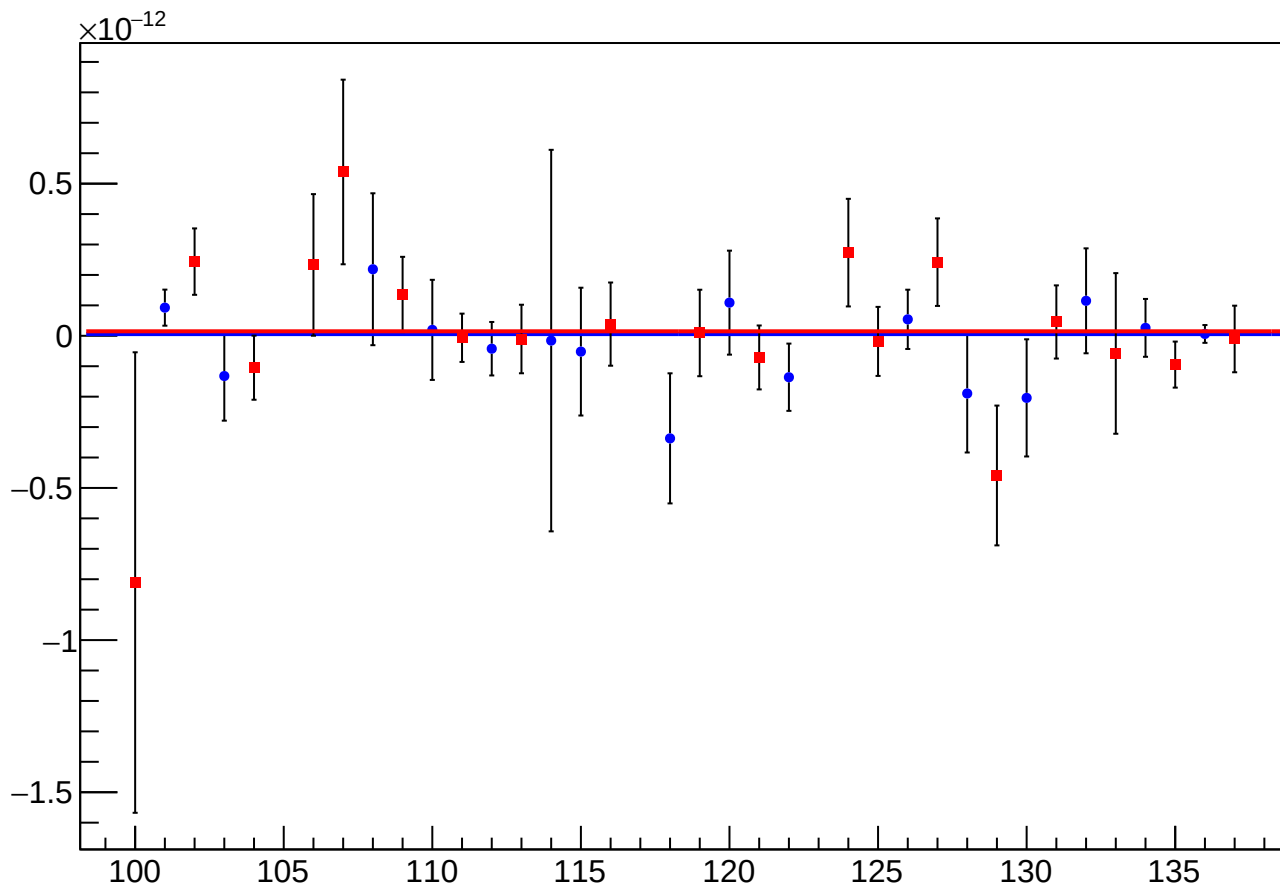
Right: 1305.812+/-0.247 χ^2/NDF : 1082827.2/34

In: 1277.979+/-0.345 χ^2/NDF : 597666.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1305.812+/-0.247 χ^2/NDF : 1082827.2/34

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

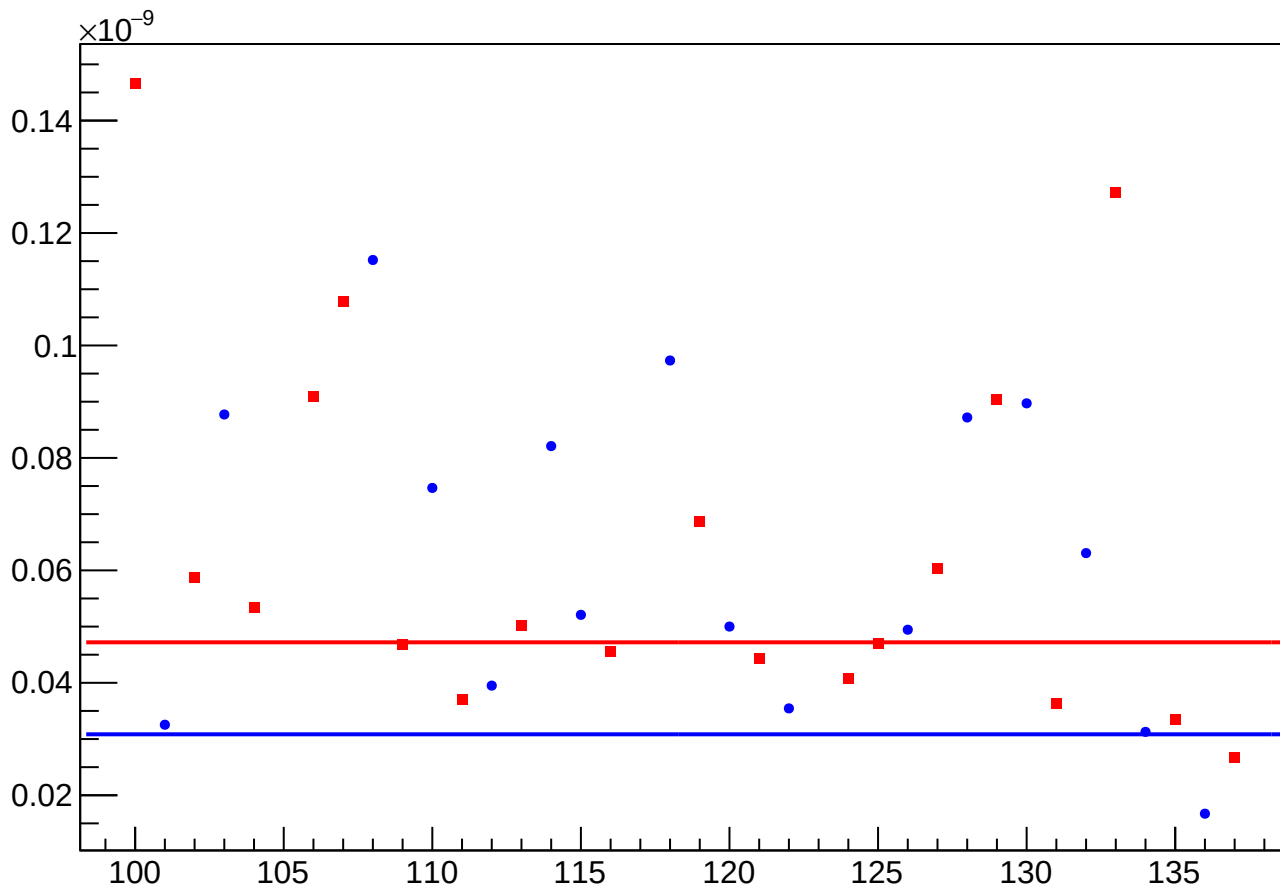
Right: 0.000+/-0.000 χ^2/NDF : 35.5/34

In: 0.000+/-0.000 χ^2/NDF : 11.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.5/34

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1912879.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 722091.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

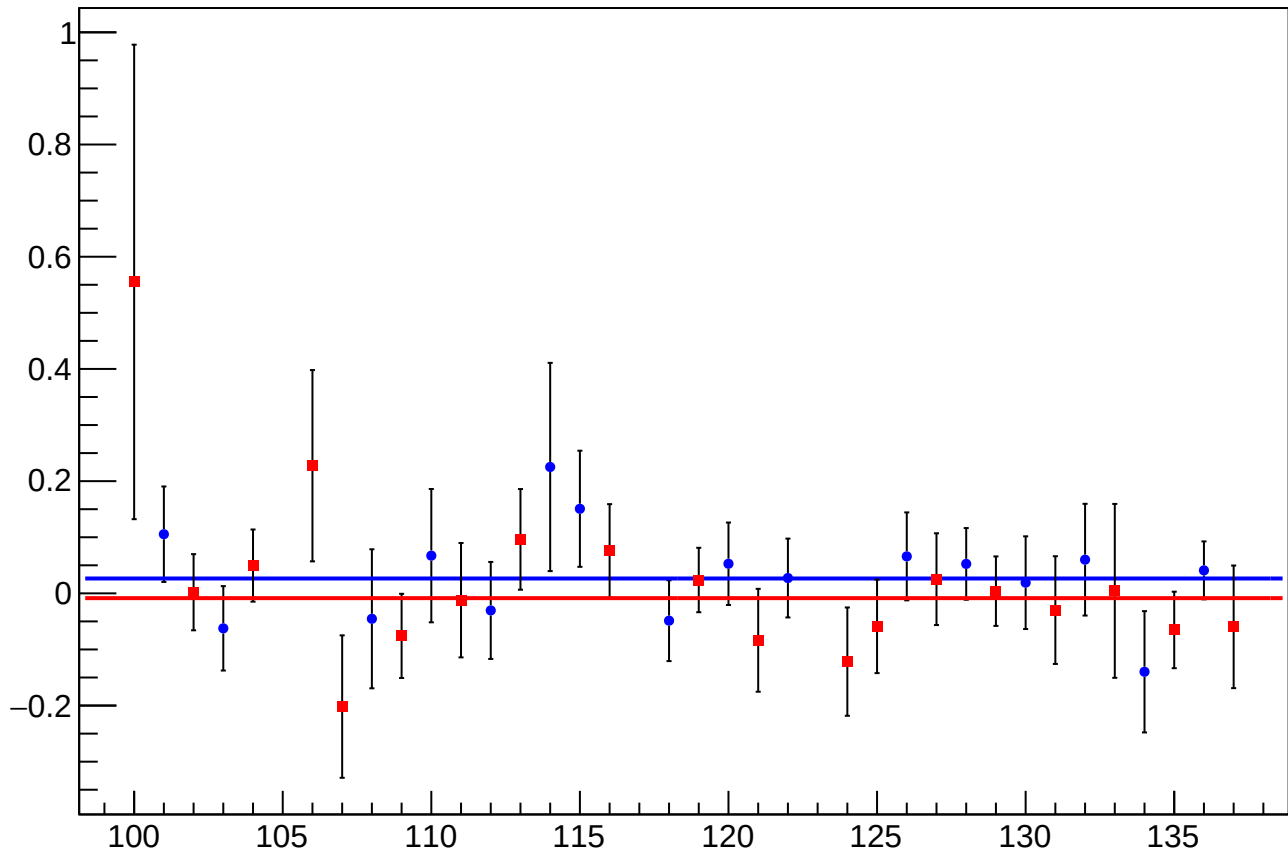
Right: 0.000+/-0.000 χ^2/NDF : 3051679.0/34

In: 0.000+/-0.000 χ^2/NDF : 1912879.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3051679.0/34

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

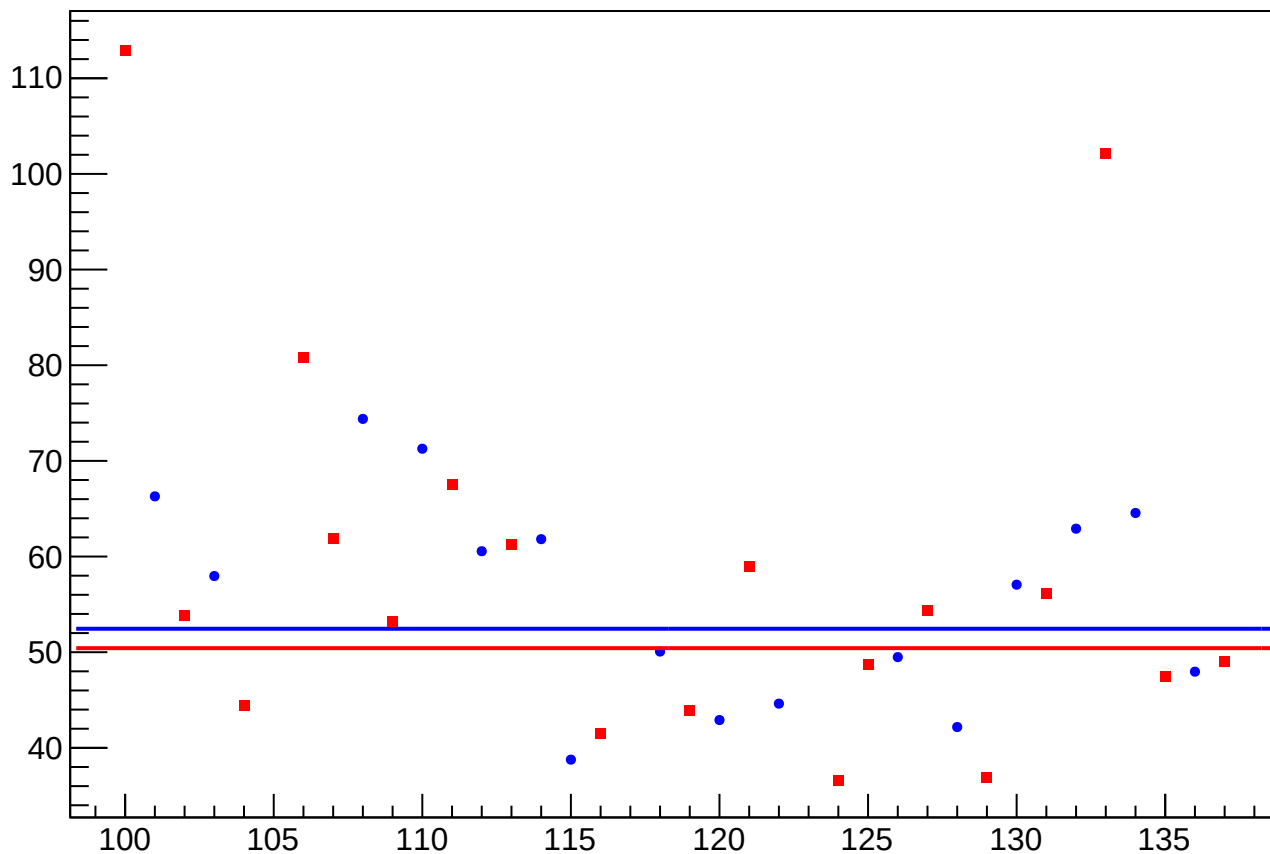
Right: 0.008+/-0.014 χ^2/NDF : 25.4/34

In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.014 χ^2/NDF : 25.4/34

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.423+/-0.014 χ^2/NDF : 676747.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

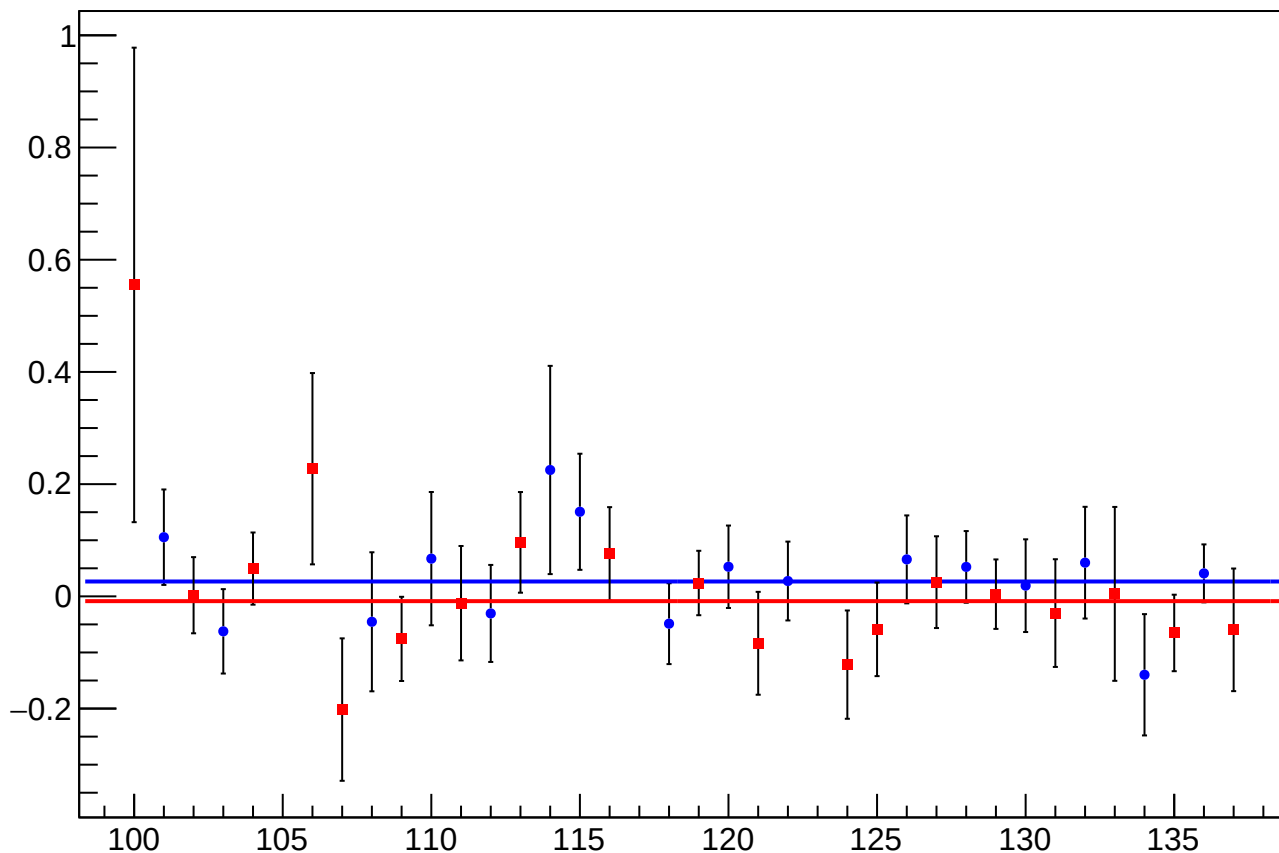
Right: 51.390+/-0.010 χ^2/NDF : 1105100.5/34

In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.390+/-0.010 χ^2/NDF : 1105100.5/34

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026 $\pm$ 0.020 χ^2 /NDF: 9.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.019 χ^2 /NDF: 13.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

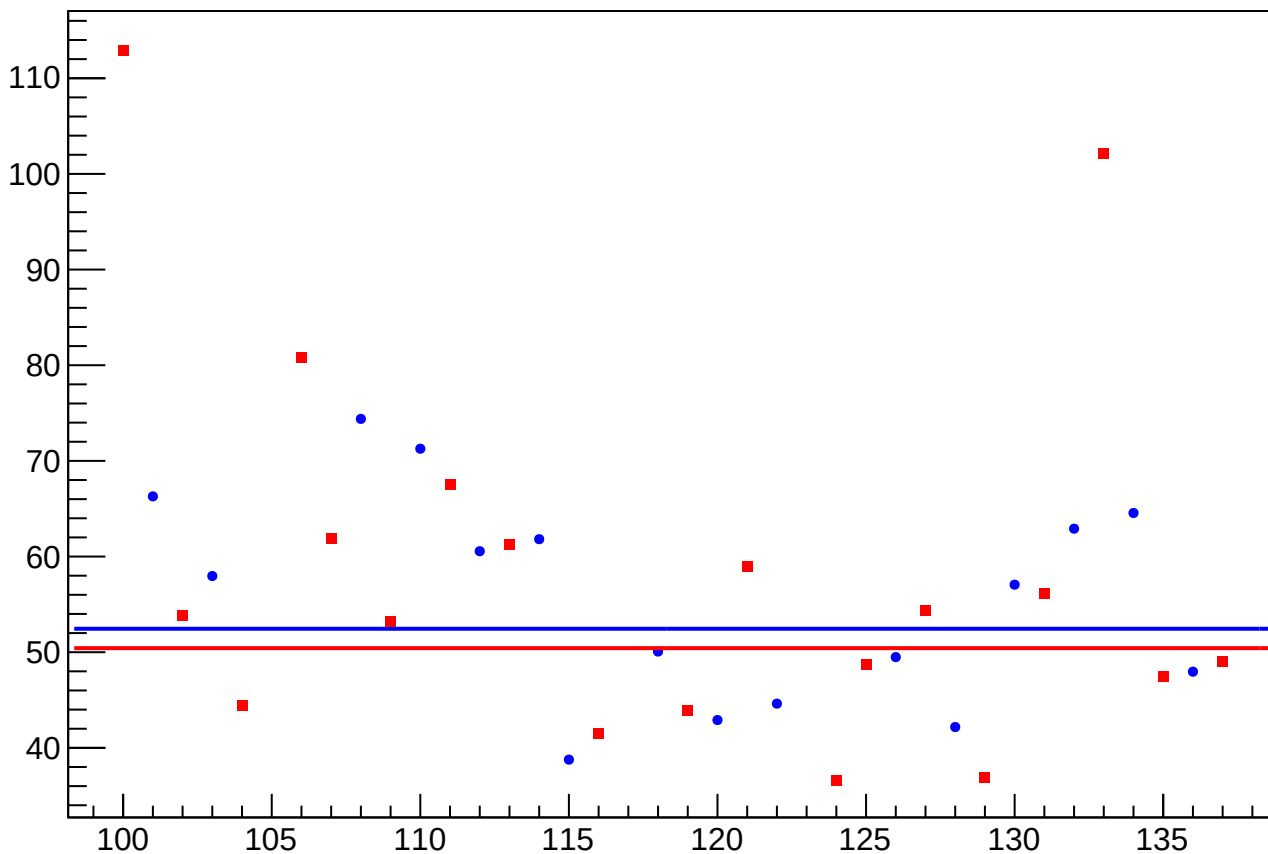
Right: 0.008 $\pm$ 0.014 χ^2 /NDF: 25.4/34

In: 0.026 $\pm$ 0.020 χ^2 /NDF:9.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.008 $\pm$ 0.014 χ^2 /NDF: 25.4/34

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.423+/-0.014 χ^2/NDF : 676747.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

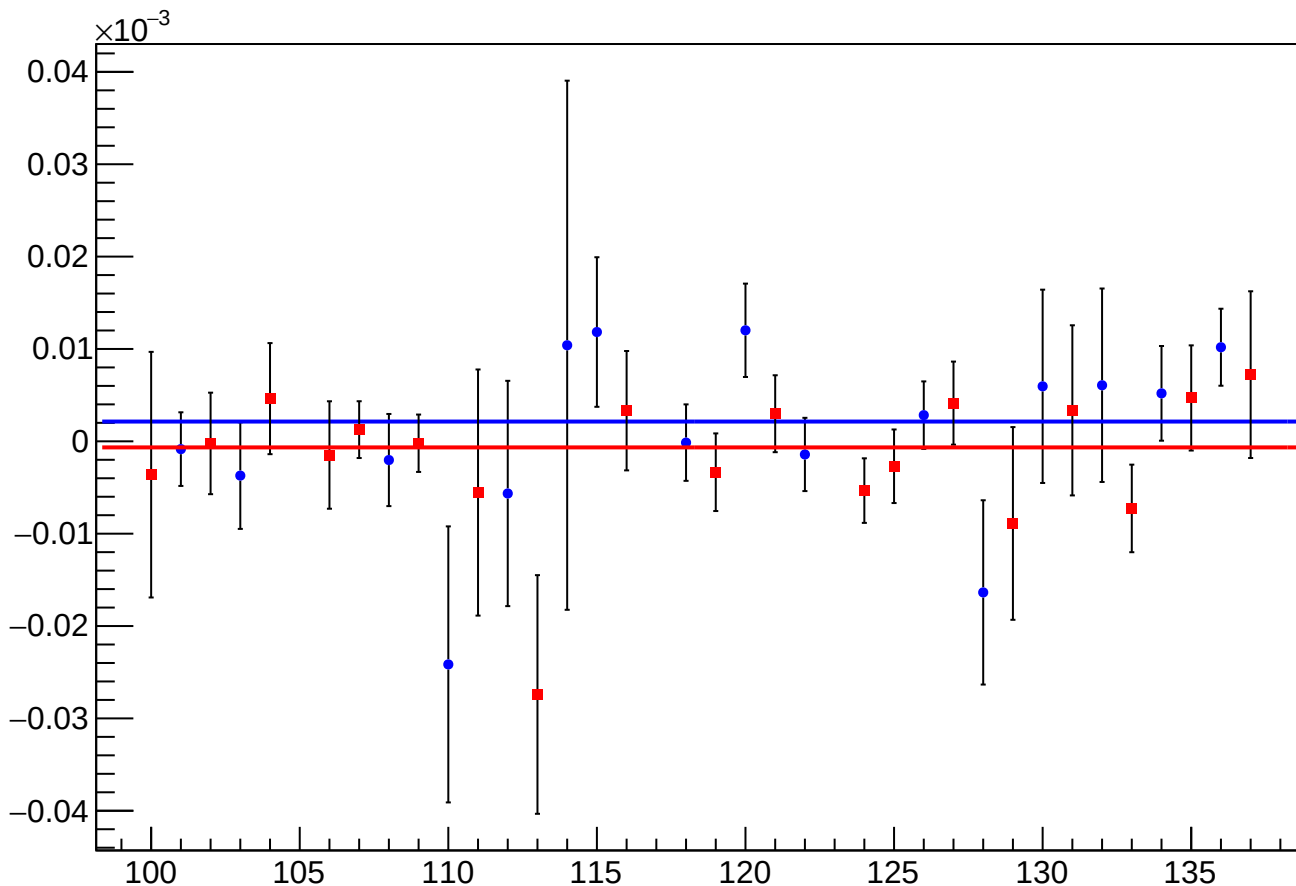
Right: 51.390+/-0.010 χ^2/NDF : 1105100.5/34

In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.390+/-0.010 χ^2/NDF : 1105100.5/34

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 20.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

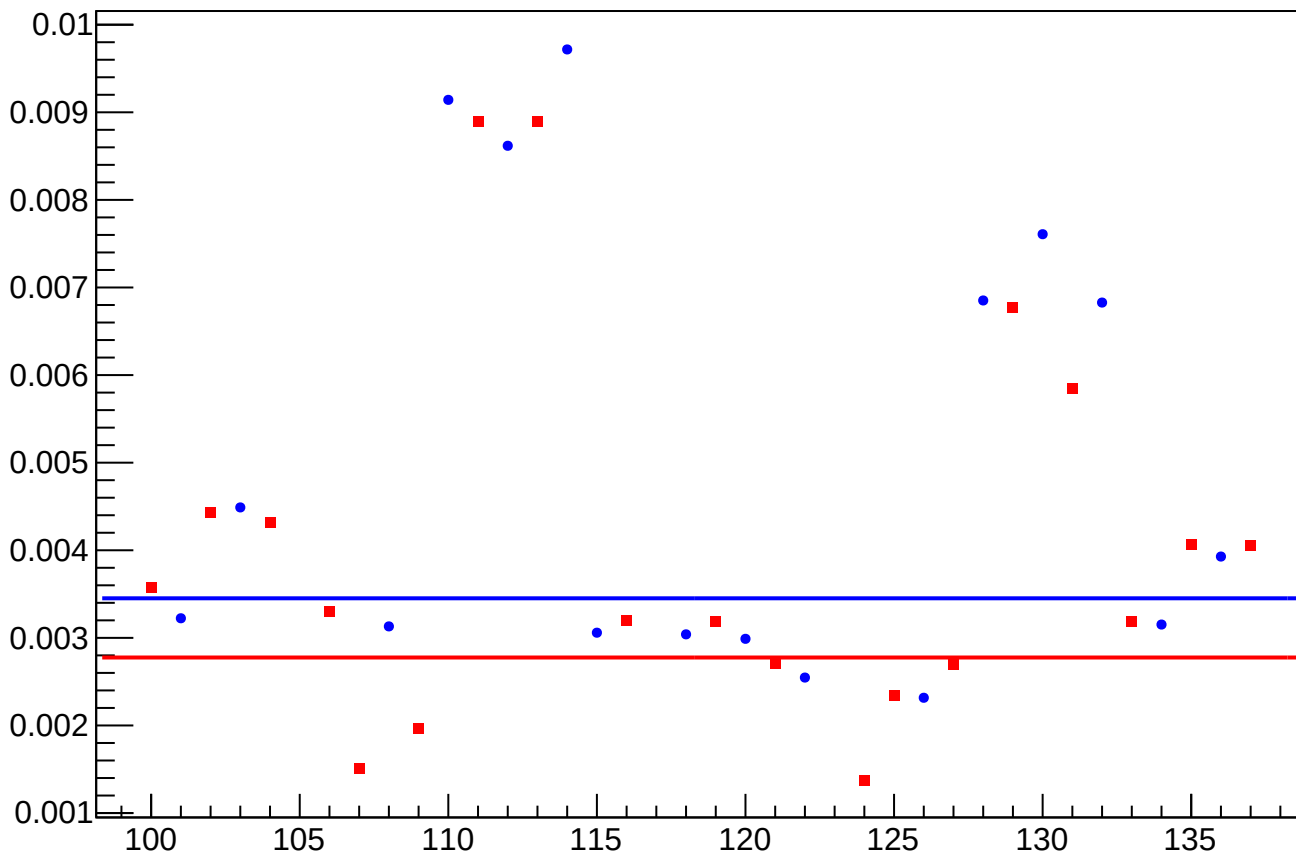
Right: 0.000+/-0.000 χ^2/NDF : 37.3/34

In: 0.000+/-0.000 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.3/34

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.003+/-0.000 χ^2/NDF : 1951102.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2734939.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

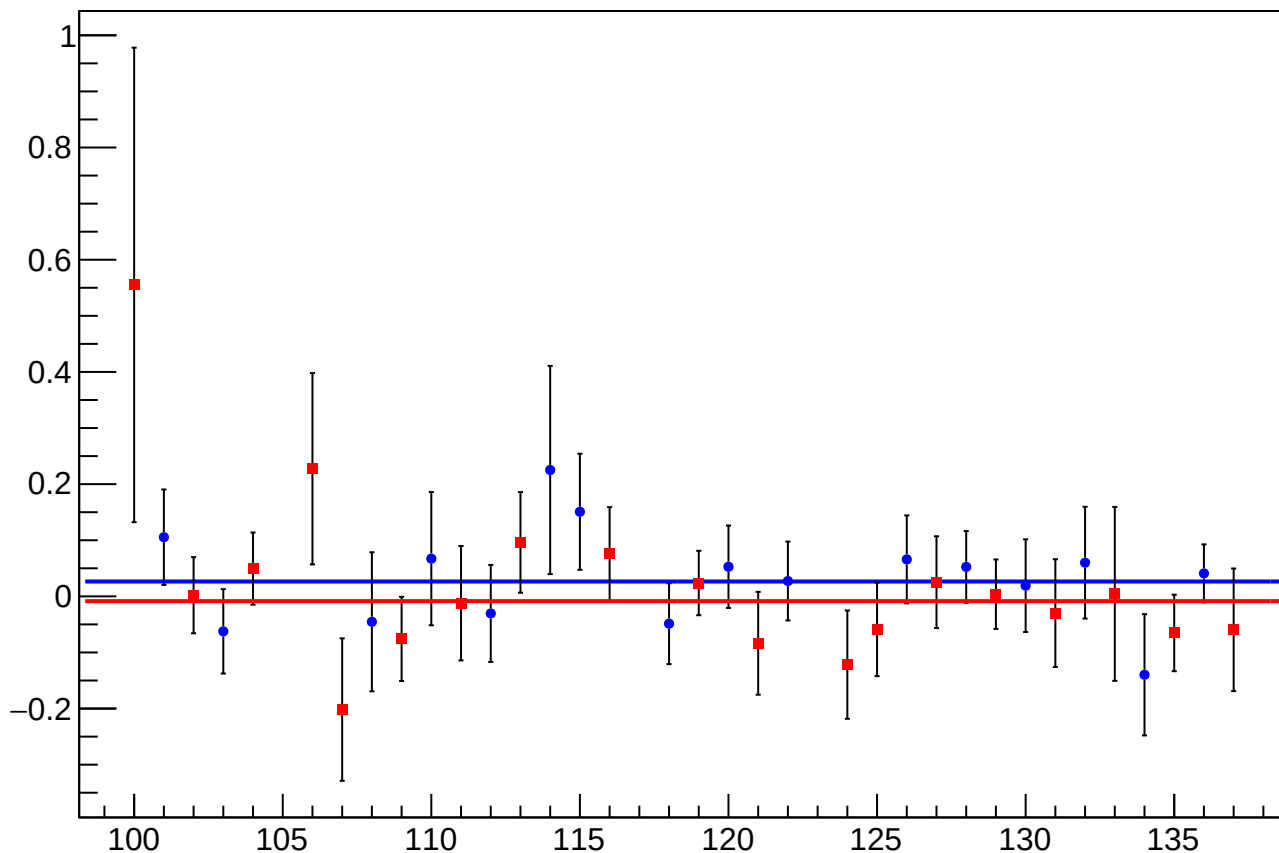
Right: 0.003+/-0.000 χ^2/NDF : 4968092.4/34

In: 0.003+/-0.000 χ^2/NDF :1951102.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4968092.4/34

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

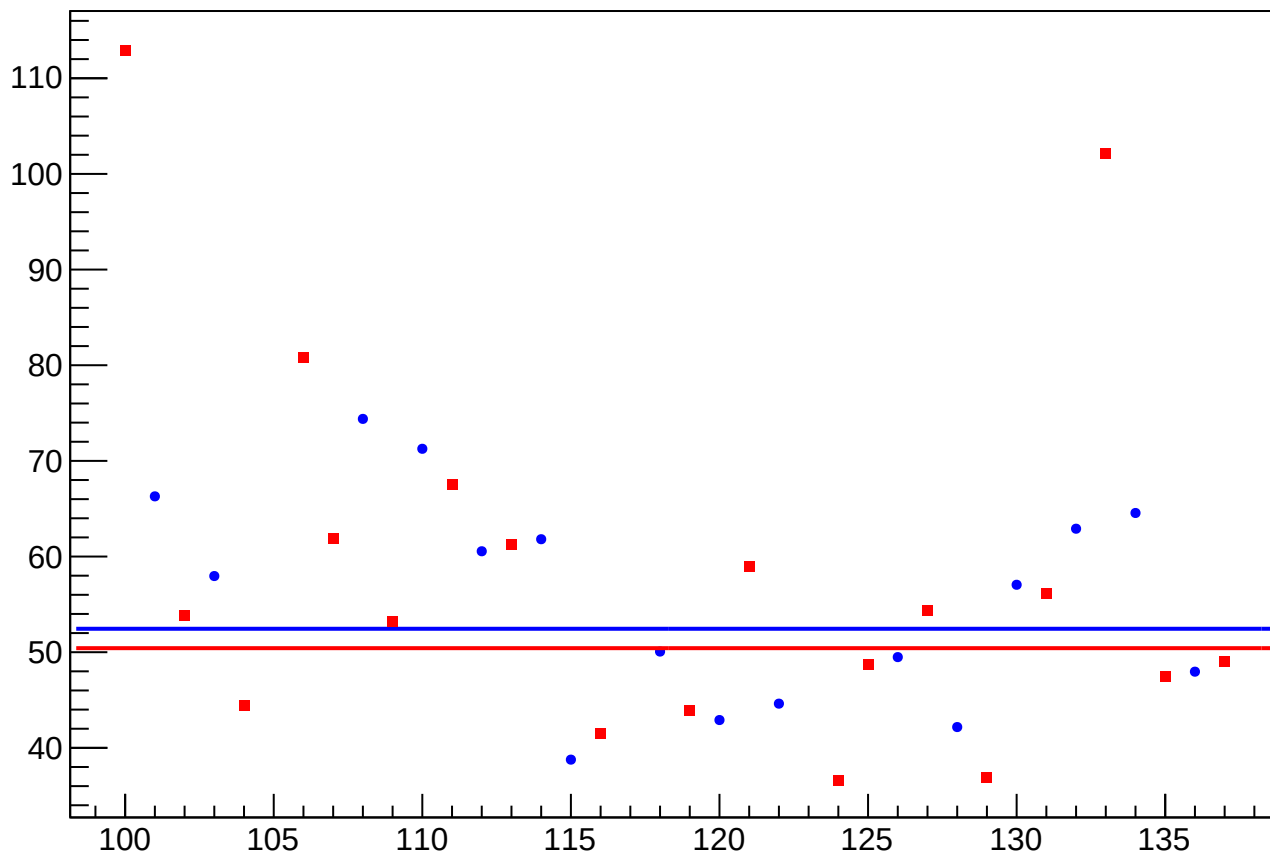
Right: 0.008+/-0.014 χ^2/NDF : 25.4/34

In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.014 χ^2/NDF : 25.4/34

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.422+/-0.014 χ^2/NDF : 676753.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

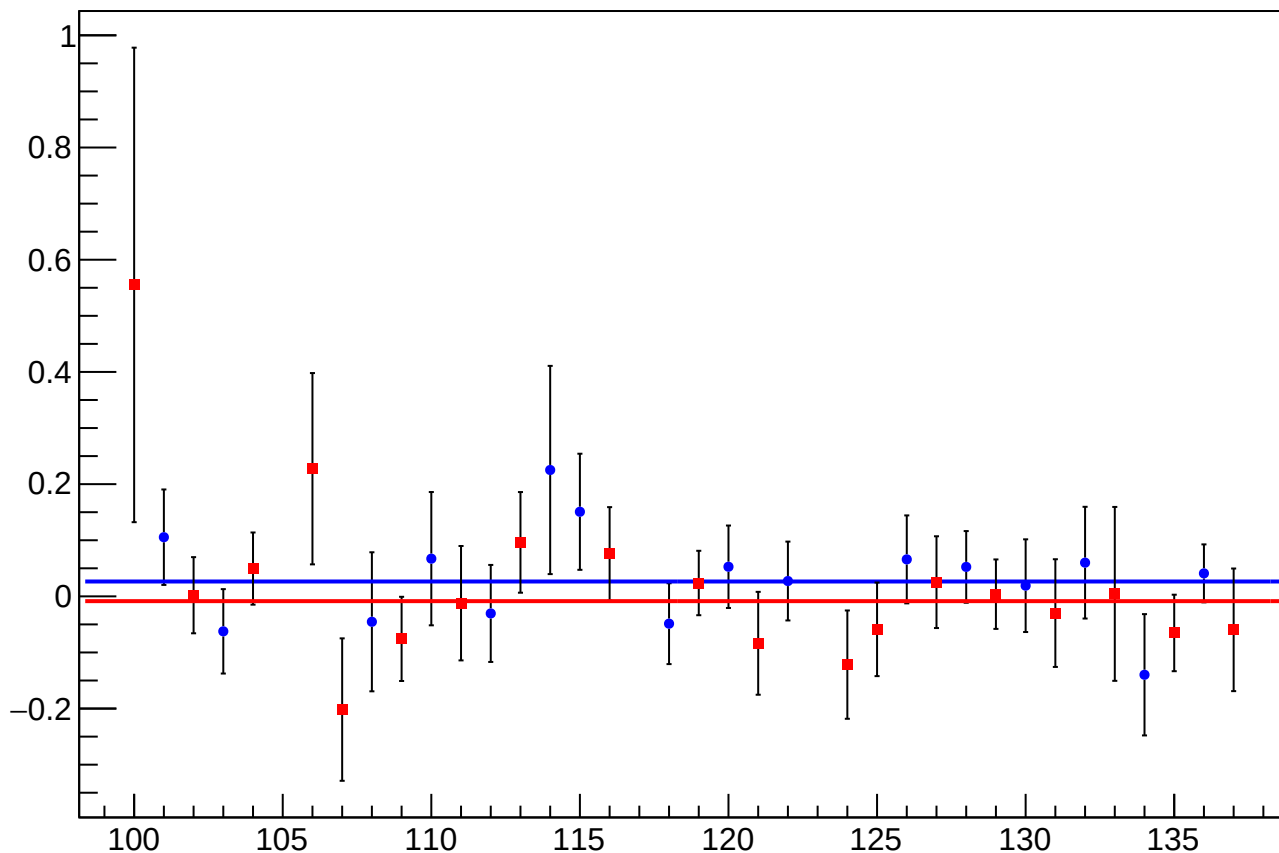
Right: 51.389+/-0.010 χ^2/NDF : 1105059.9/34

In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.389+/-0.010 χ^2/NDF : 1105059.9/34

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.019 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

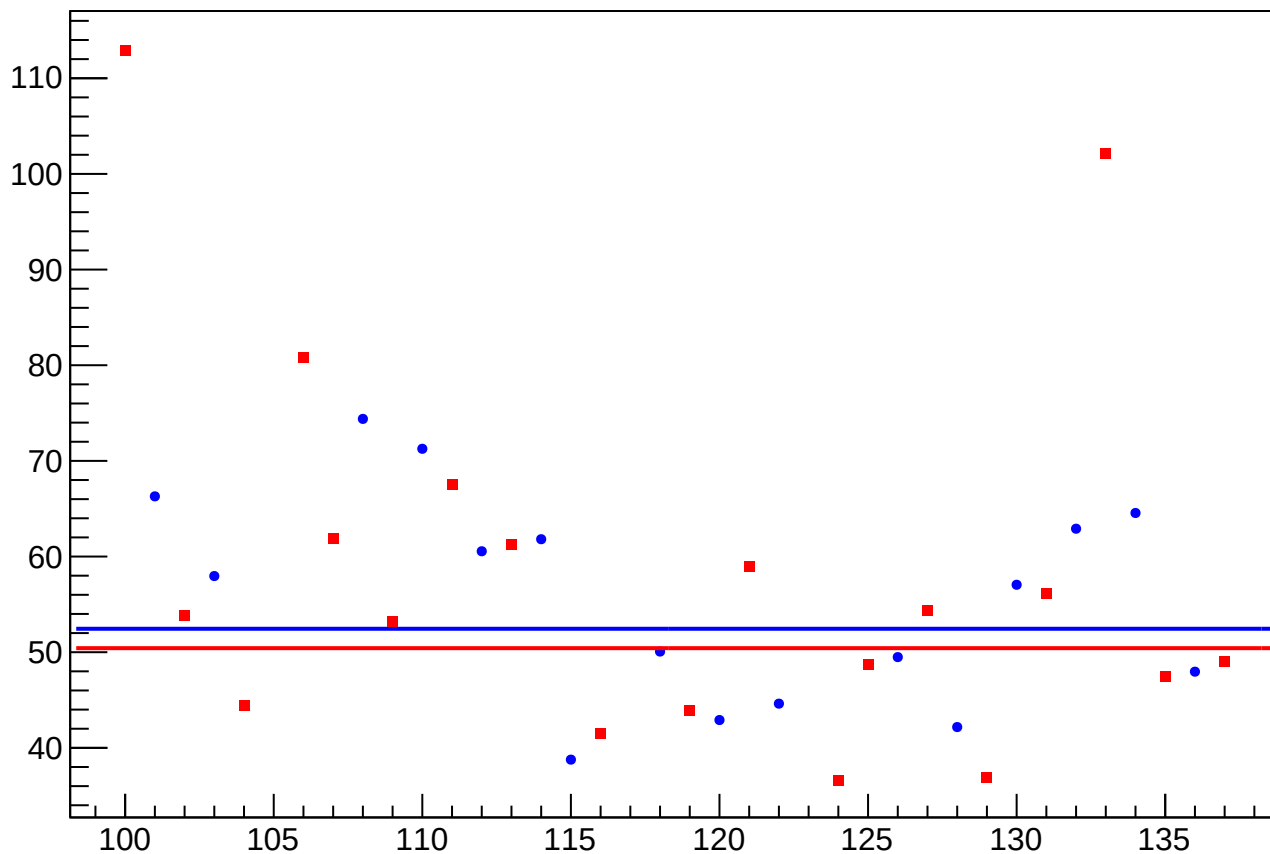
Right: 0.008+/-0.014 χ^2/NDF : 25.4/34

In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.014 χ^2/NDF : 25.4/34

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.422+/-0.014 χ^2/NDF : 676753.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

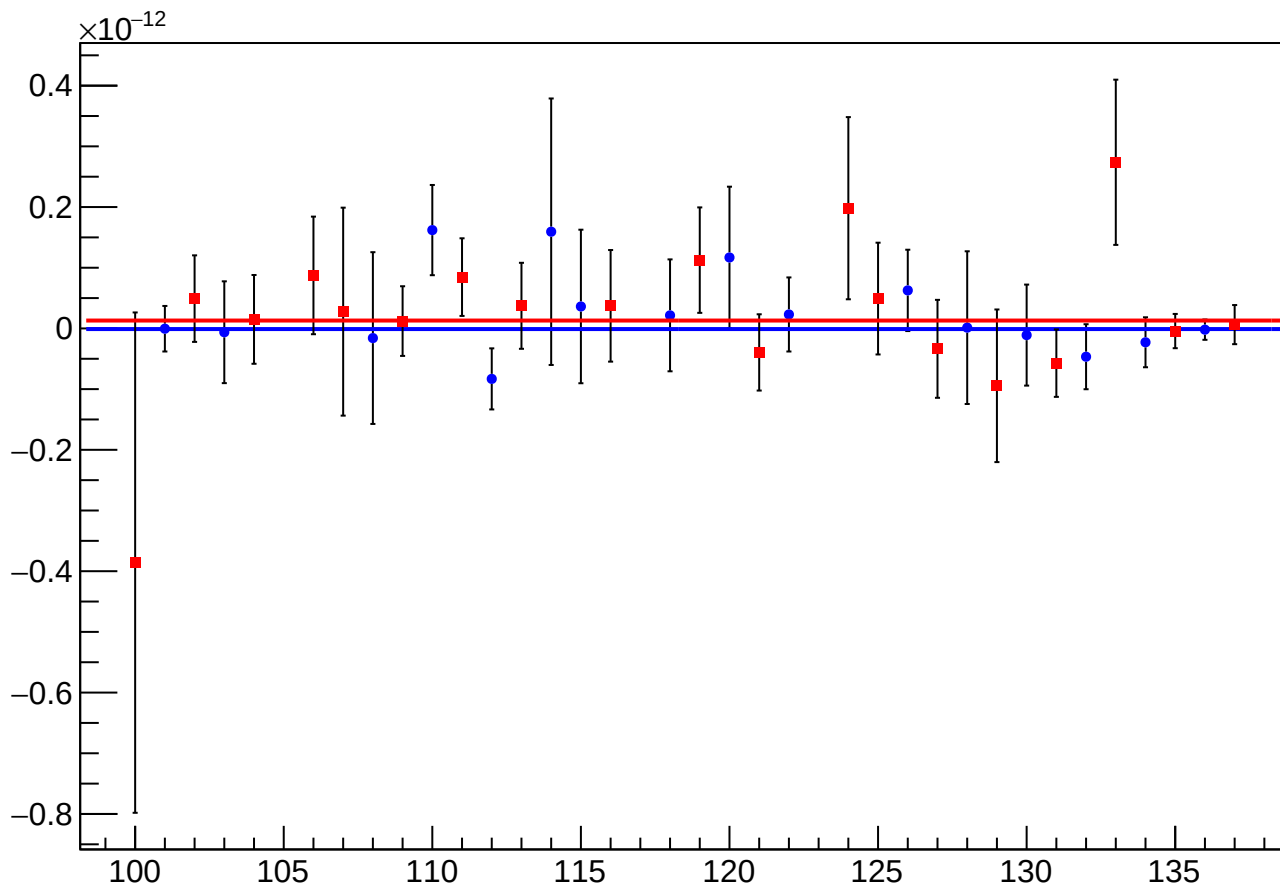
Right: 51.389+/-0.010 χ^2/NDF : 1105059.9/34

In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.389+/-0.010 χ^2/NDF : 1105059.9/34

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

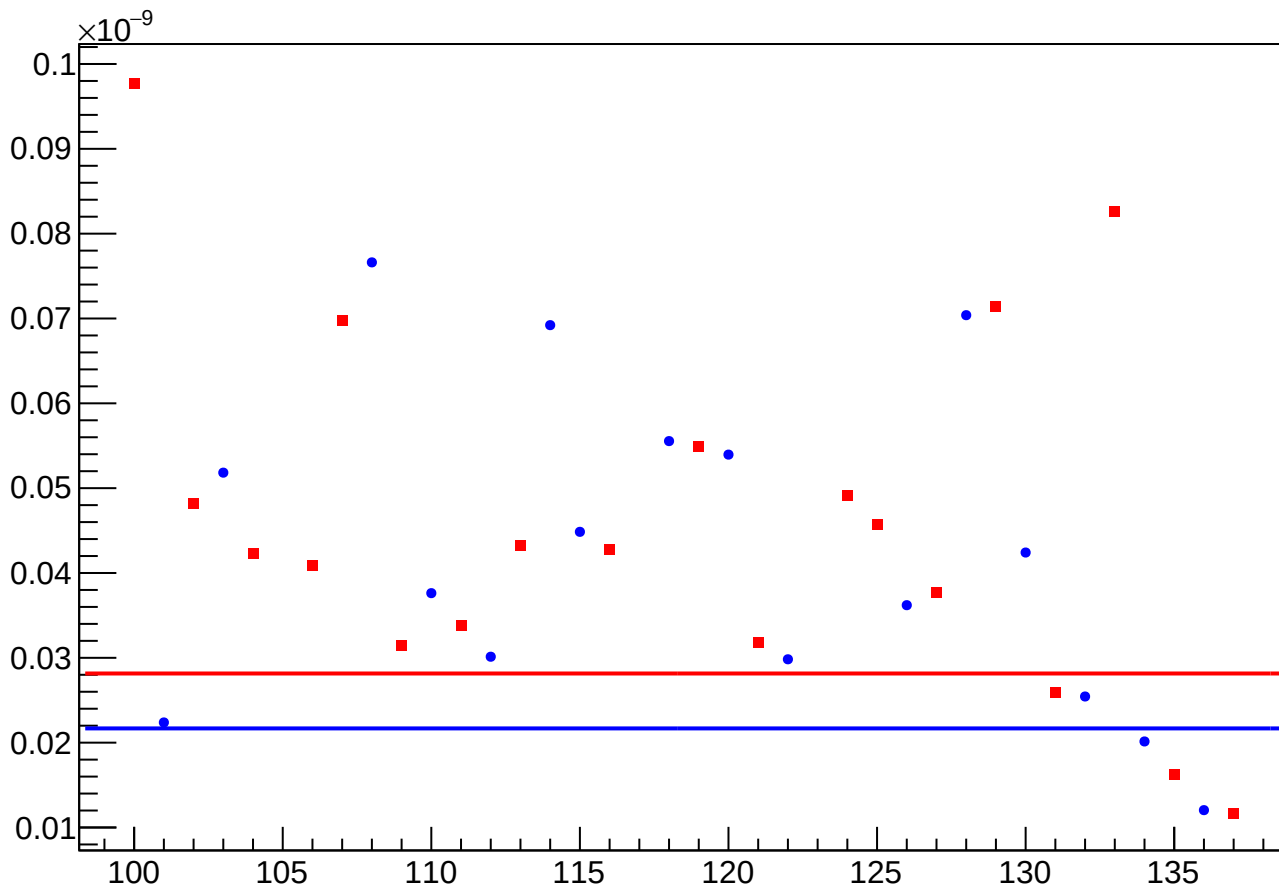
Right: 0.000+/-0.000 χ^2/NDF : 25.5/34

In: -0.000+/-0.000 χ^2/NDF : 11.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 25.5/34

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2522749.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2381736.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

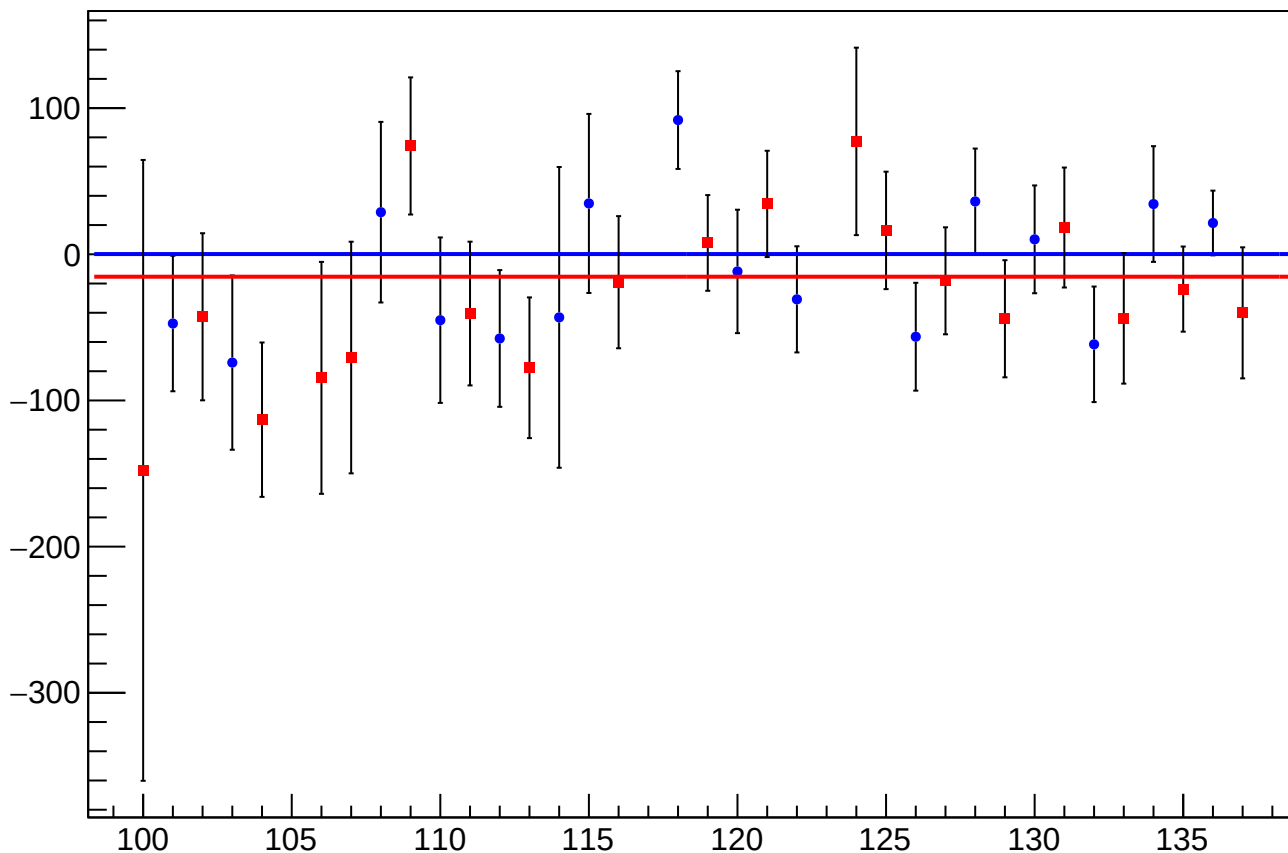
Right: 0.000+/-0.000 χ^2/NDF : 5141383.5/34

In: 0.000+/-0.000 χ^2/NDF : 2522749.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5141383.5/34

reg_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.155 ± 10.048 χ^2/NDF : 21.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.333 ± 10.267 χ^2/NDF : 17.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

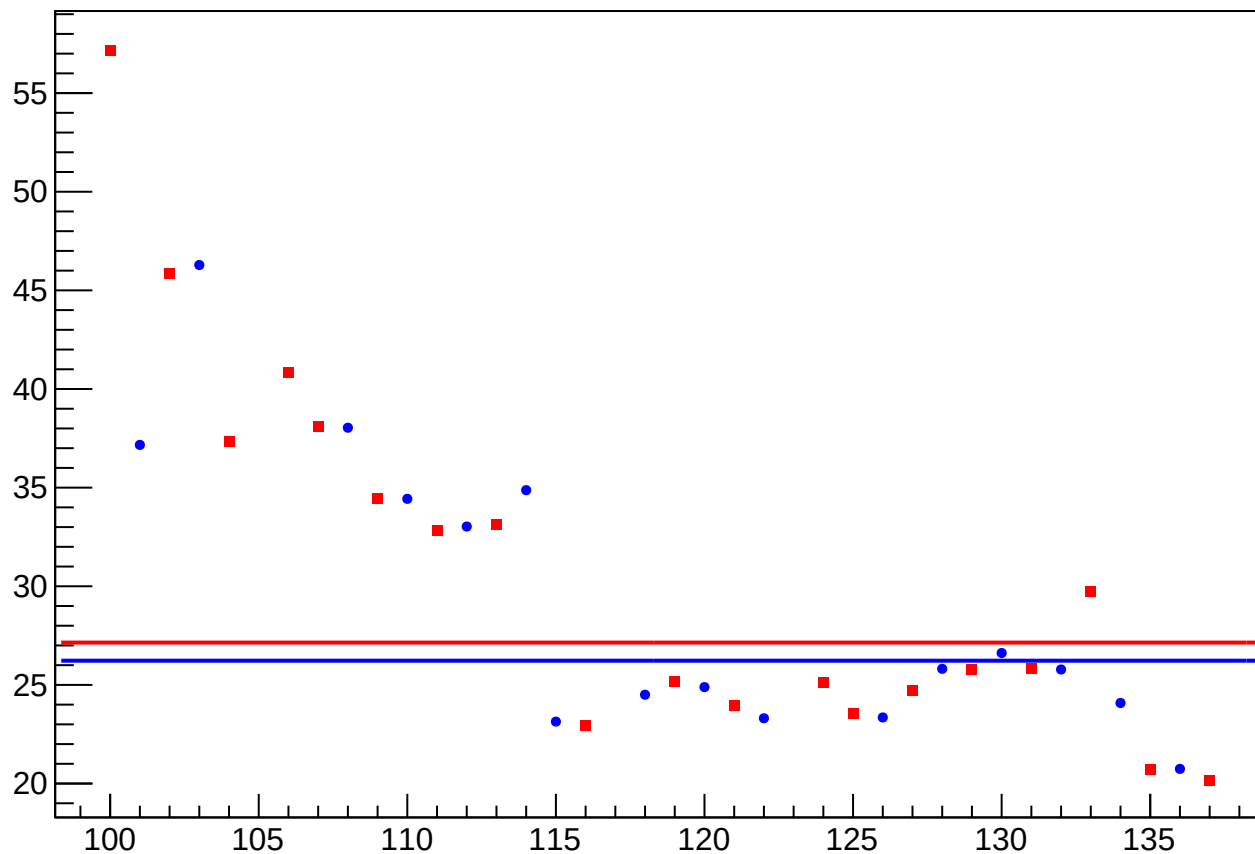
Right: -7.422 ± 7.181 χ^2/NDF : 40.4/34

In: 0.155 ± 10.048 χ^2/NDF : 21.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.422 ± 7.181 χ^2/NDF : 40.4/34

reg_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.227+/-0.007 χ^2/NDF : 676026.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.145+/-0.007 χ^2/NDF : 755419.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

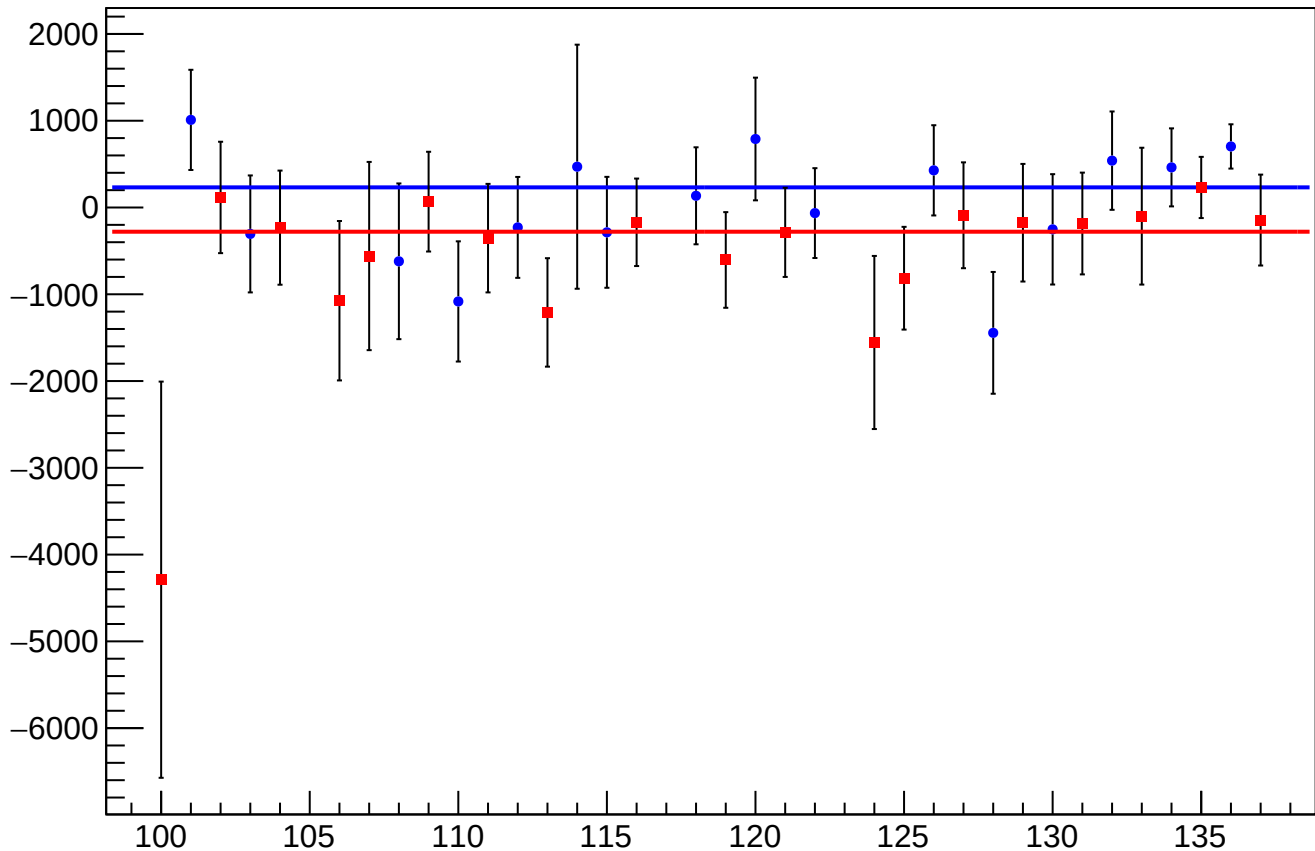
Right: 26.676+/-0.005 χ^2/NDF : 1439621.2/34

In: 26.227+/-0.007 χ^2/NDF : 676026.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.676+/-0.005 χ^2/NDF : 1439621.2/34

asym_sam_1357_2468_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 232.092 $\pm$ 134.871 χ^2 /NDF: 19.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -279.042 $\pm$ 139.965 χ^2 /NDF: 12.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

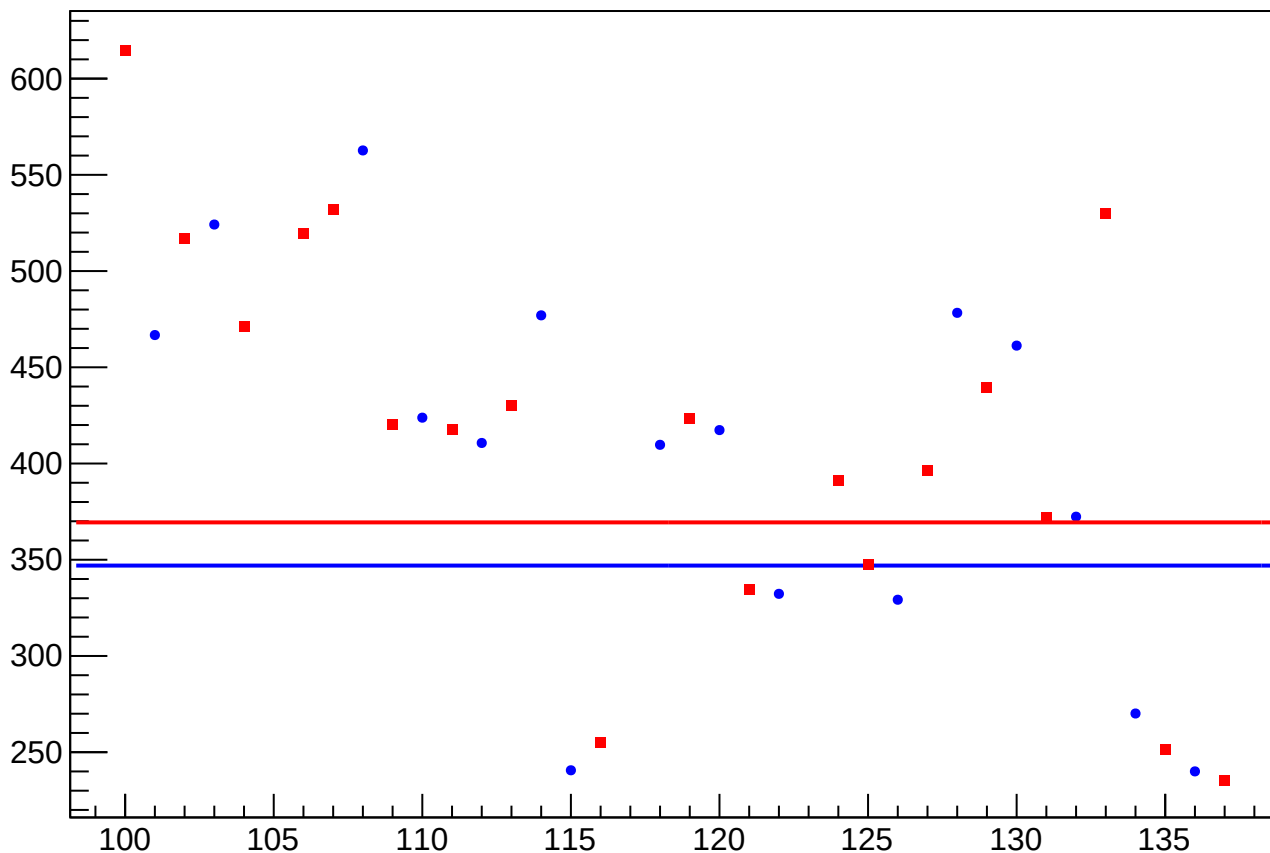
Right: -14.004 $\pm$ 97.119 χ^2 /NDF: 38.6/34

In: 232.092 $\pm$ 134.871 χ^2 /NDF: 19.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.004 $\pm$ 97.119 χ^2 /NDF: 38.6/34

asym_sam_1357_2468_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 346.969+/-0.095 χ^2/NDF : 1058029.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 369.410+/-0.099 χ^2/NDF : 918852.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

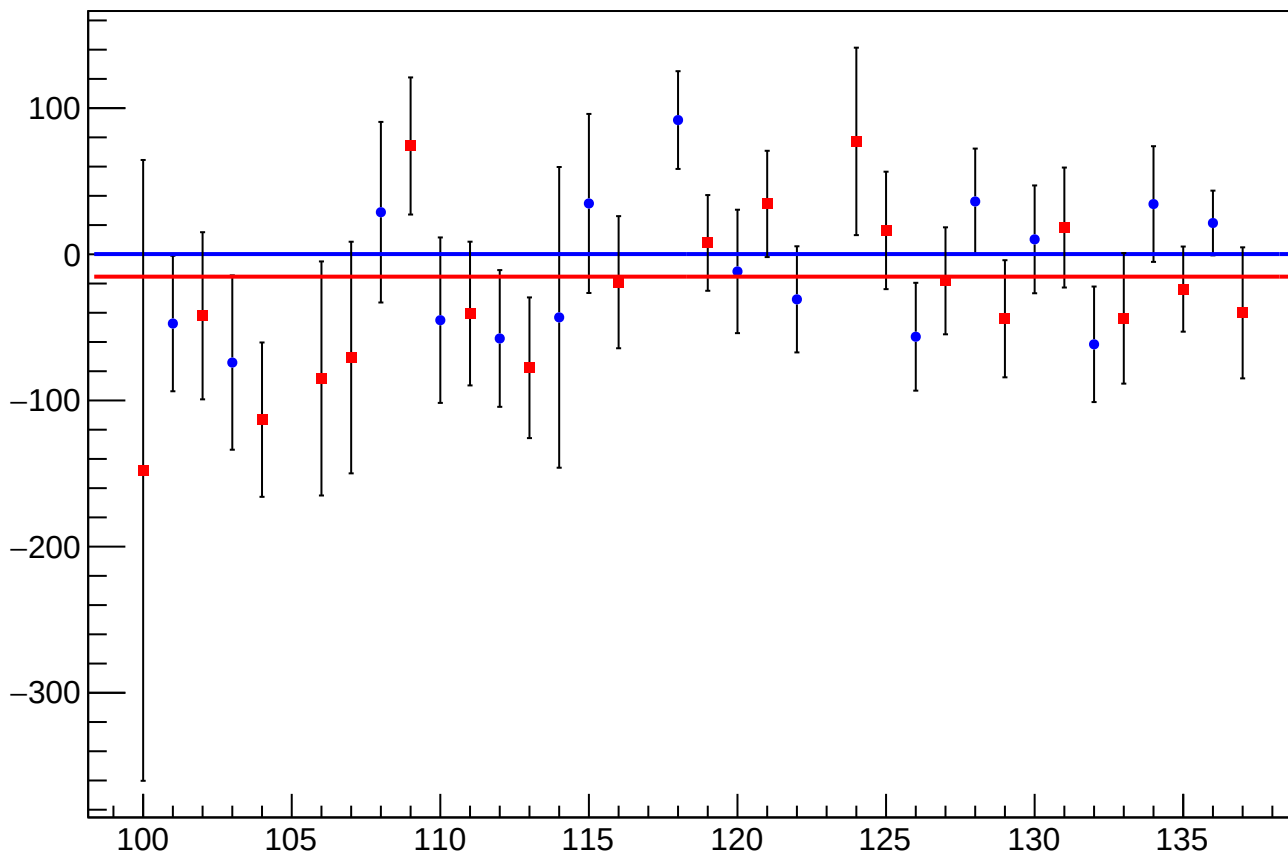
Right: 357.774+/-0.069 χ^2/NDF : 2003541.6/34

In: 346.969+/-0.095 χ^2/NDF : 1058029.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.774+/-0.069 χ^2/NDF : 2003541.6/34

cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.157 ± 10.048 χ^2/NDF : 21.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.292 ± 10.269 χ^2/NDF : 17.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

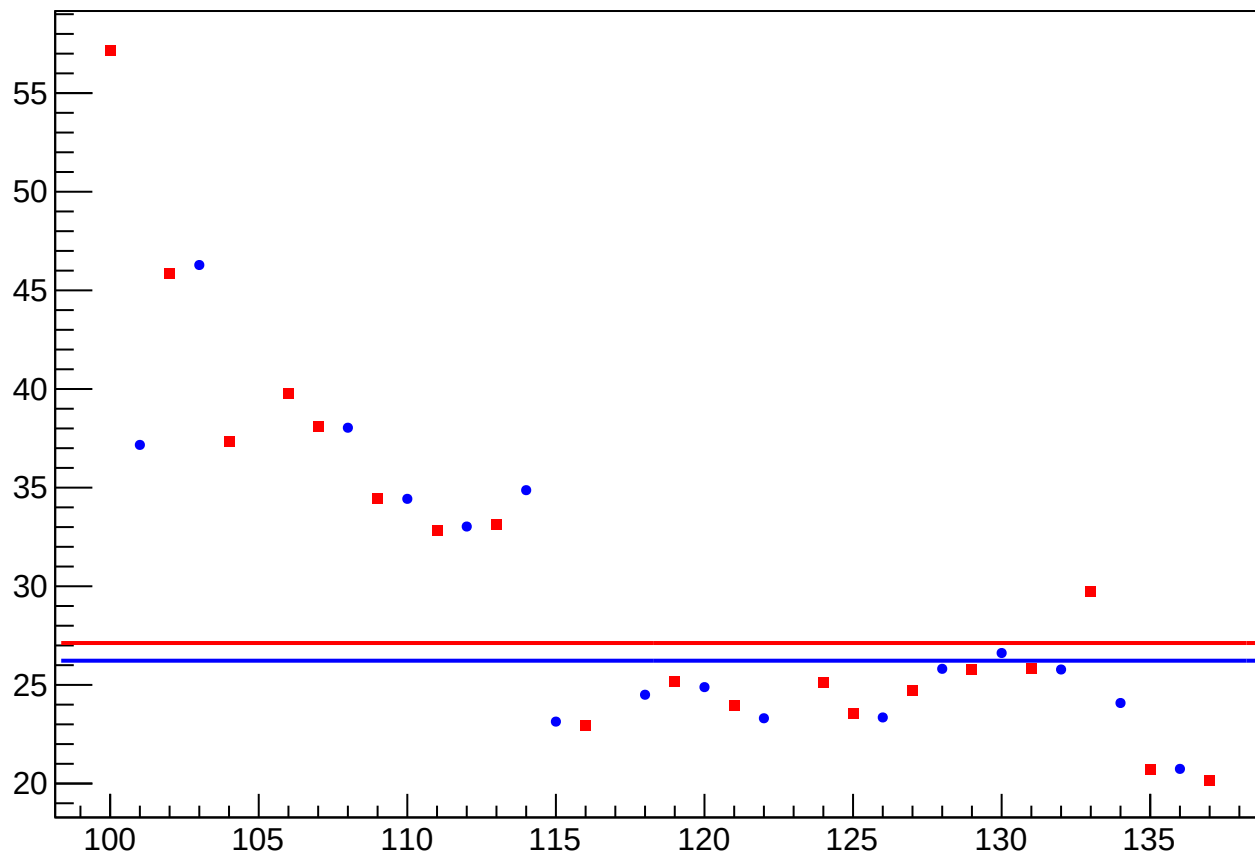
Right: -7.399 ± 7.182 χ^2/NDF : 40.4/34

In: 0.157 ± 10.048 χ^2/NDF : 21.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.399 ± 7.182 χ^2/NDF : 40.4/34

cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.227 $\pm$ 0.007 χ^2 /NDF: 676029.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.123 $\pm$ 0.007 χ^2 /NDF: 745675.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

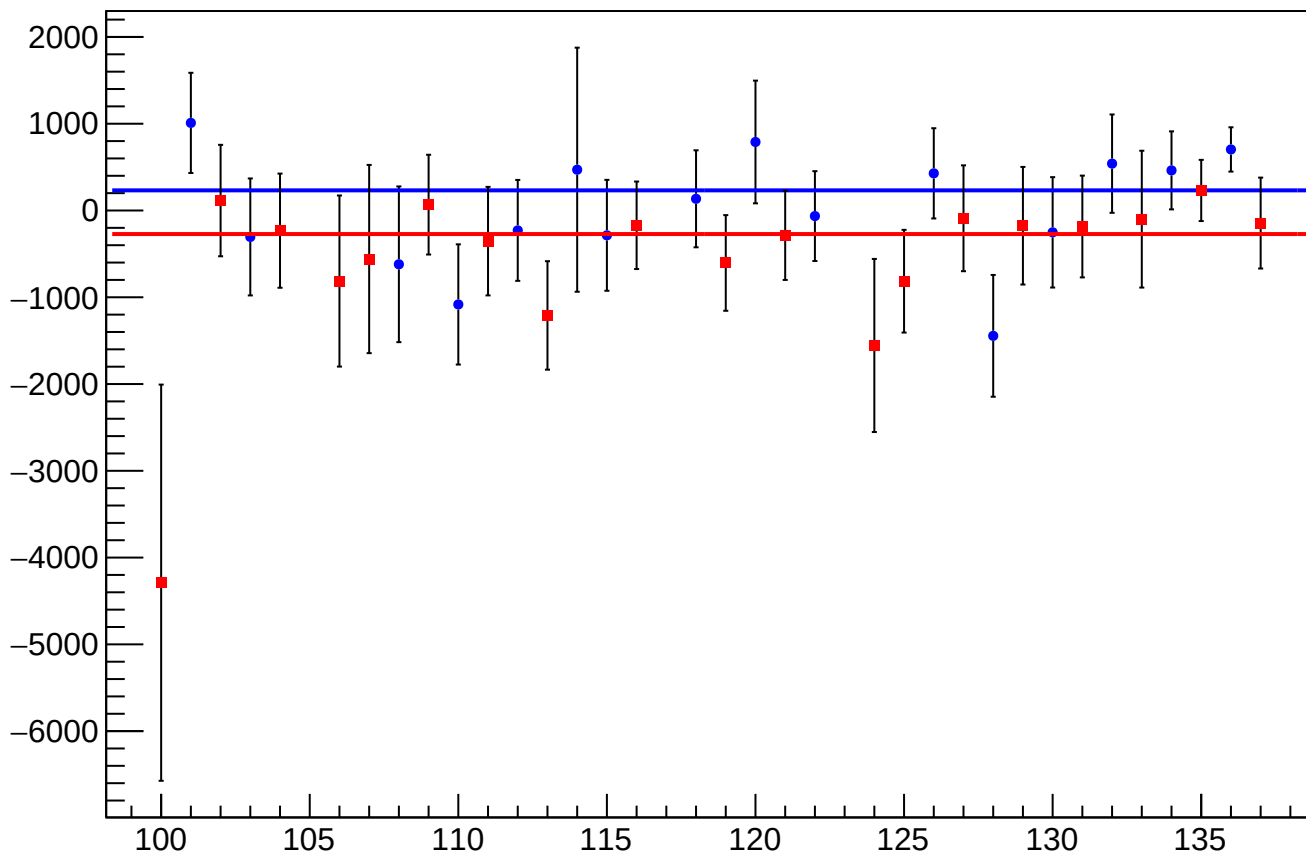
Right: 26.665 $\pm$ 0.005 χ^2 /NDF: 1429493.5/34

In: 26.227 $\pm$ 0.007 χ^2 /NDF:676029.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 26.665 $\pm$ 0.005 χ^2 /NDF: 1429493.5/34

asym_sam_1357_2468_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.084 $\pm$ 134.871 χ^2 /NDF: 19.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -271.412 $\pm$ 140.183 χ^2 /NDF: 11.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

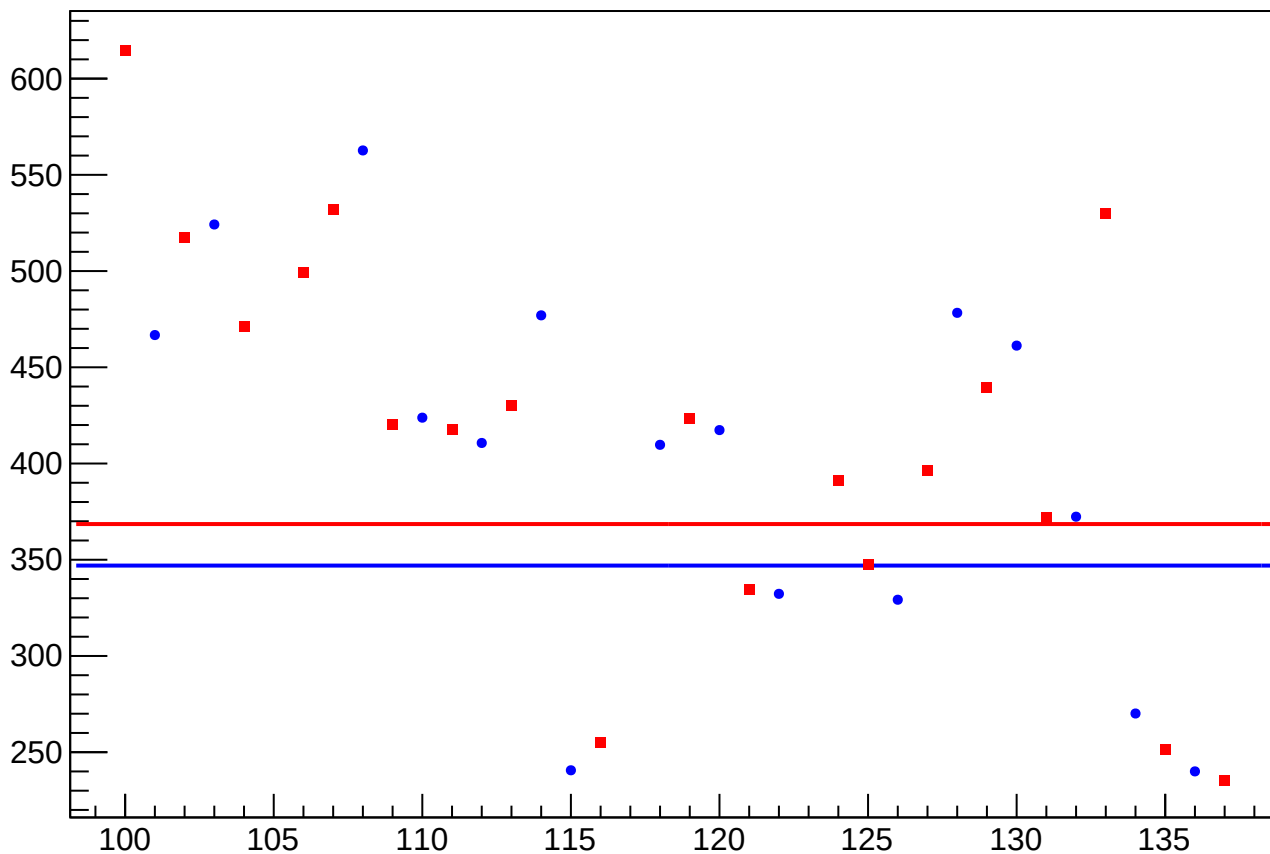
Right: -9.945 $\pm$ 97.192 χ^2 /NDF: 38.0/34

In: 232.084 $\pm$ 134.871 χ^2 /NDF:19.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.945 $\pm$ 97.192 χ^2 /NDF: 38.0/34

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 346.969 $\pm$ 0.095 χ^2 /NDF: 1058057.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 368.543 $\pm$ 0.099 χ^2 /NDF: 900219.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

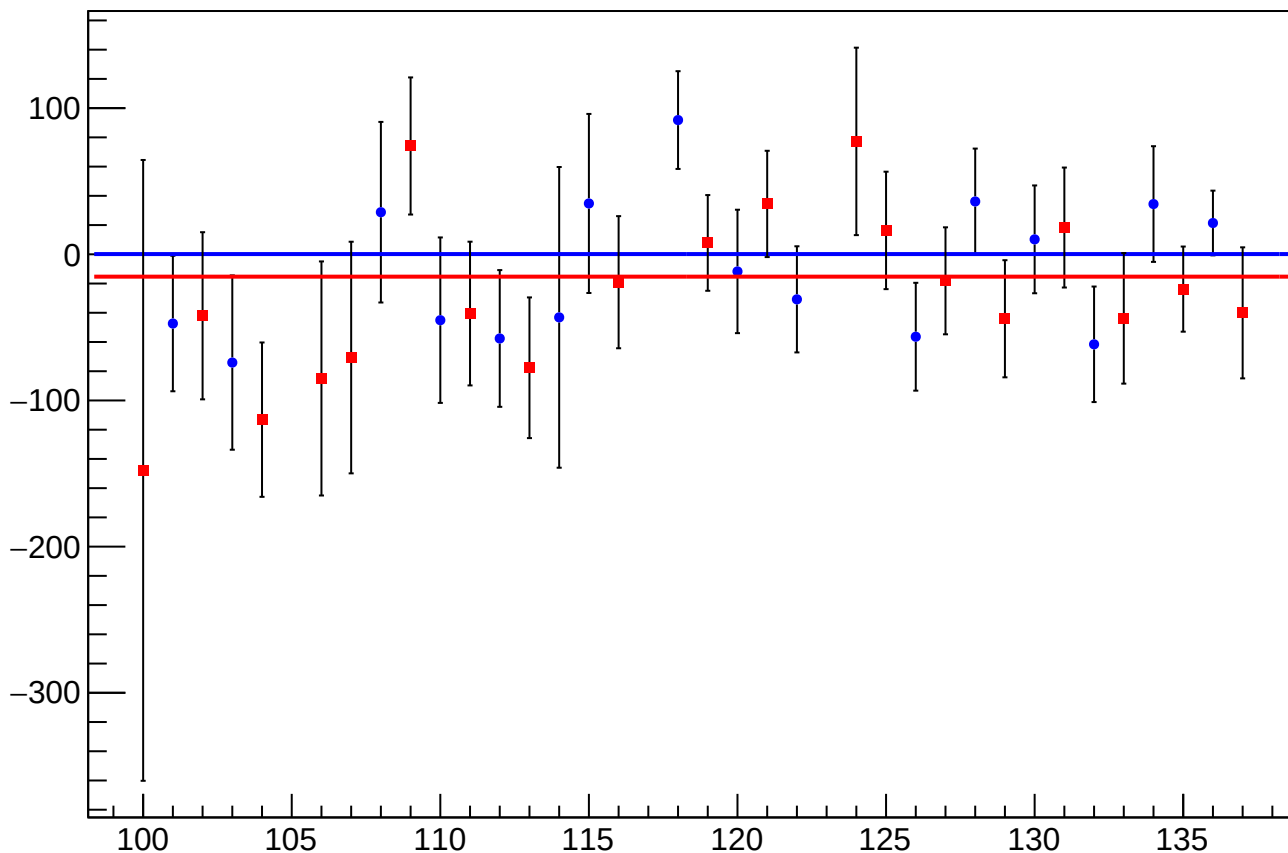
Right: 357.340 $\pm$ 0.069 χ^2 /NDF: 1982876.2/34

In: 346.969 $\pm$ 0.095 χ^2 /NDF:1058057.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 357.340 $\pm$ 0.069 χ^2 /NDF: 1982876.2/34

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: 0.157 $\pm$ 10.048 χ^2 /NDF: 21.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -15.292 $\pm$ 10.269 χ^2 /NDF: 17.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

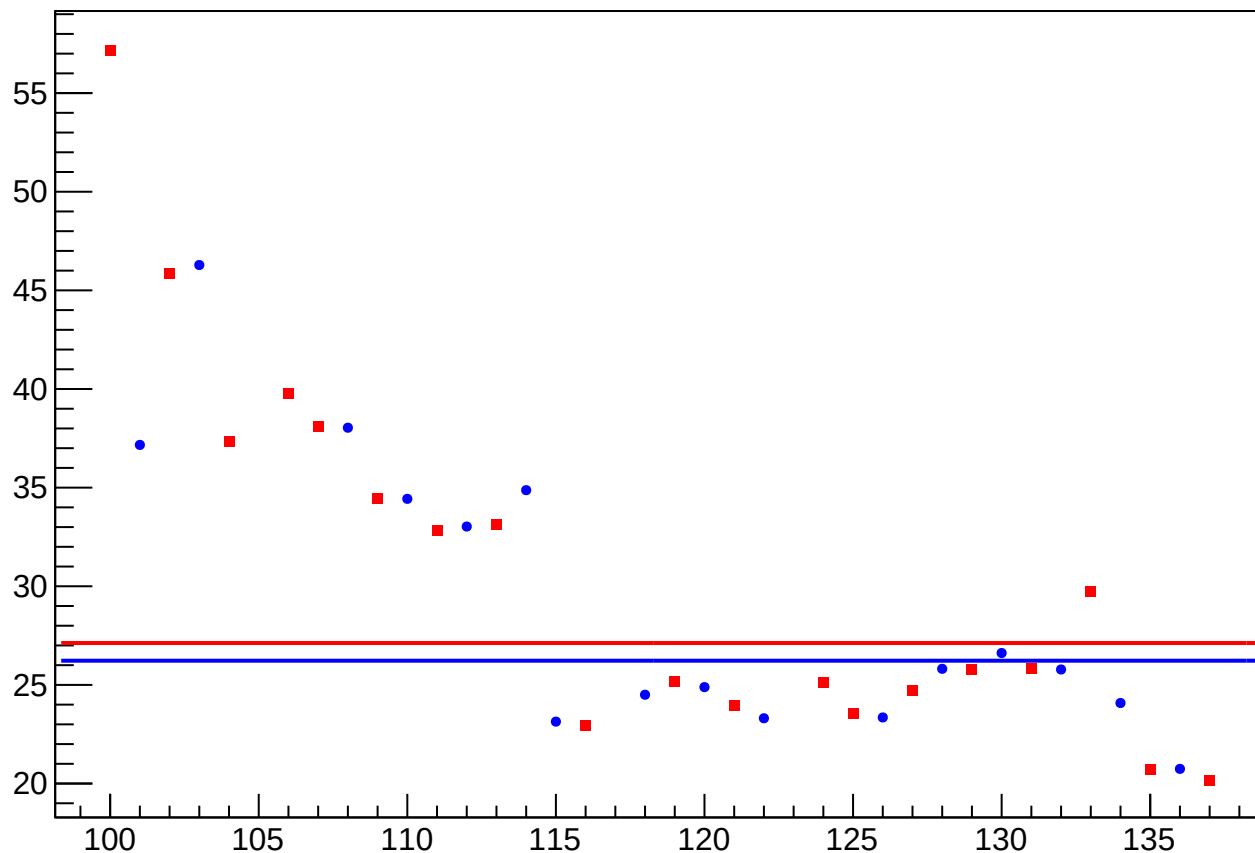
Right: -7.399 $\pm$ 7.182 χ^2 /NDF: 40.4/34

In: 0.157 $\pm$ 10.048 χ^2 /NDF:21.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.399 $\pm$ 7.182 χ^2 /NDF: 40.4/34

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 26.227+/-0.007 χ^2/NDF : 676029.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.123+/-0.007 χ^2/NDF : 745675.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

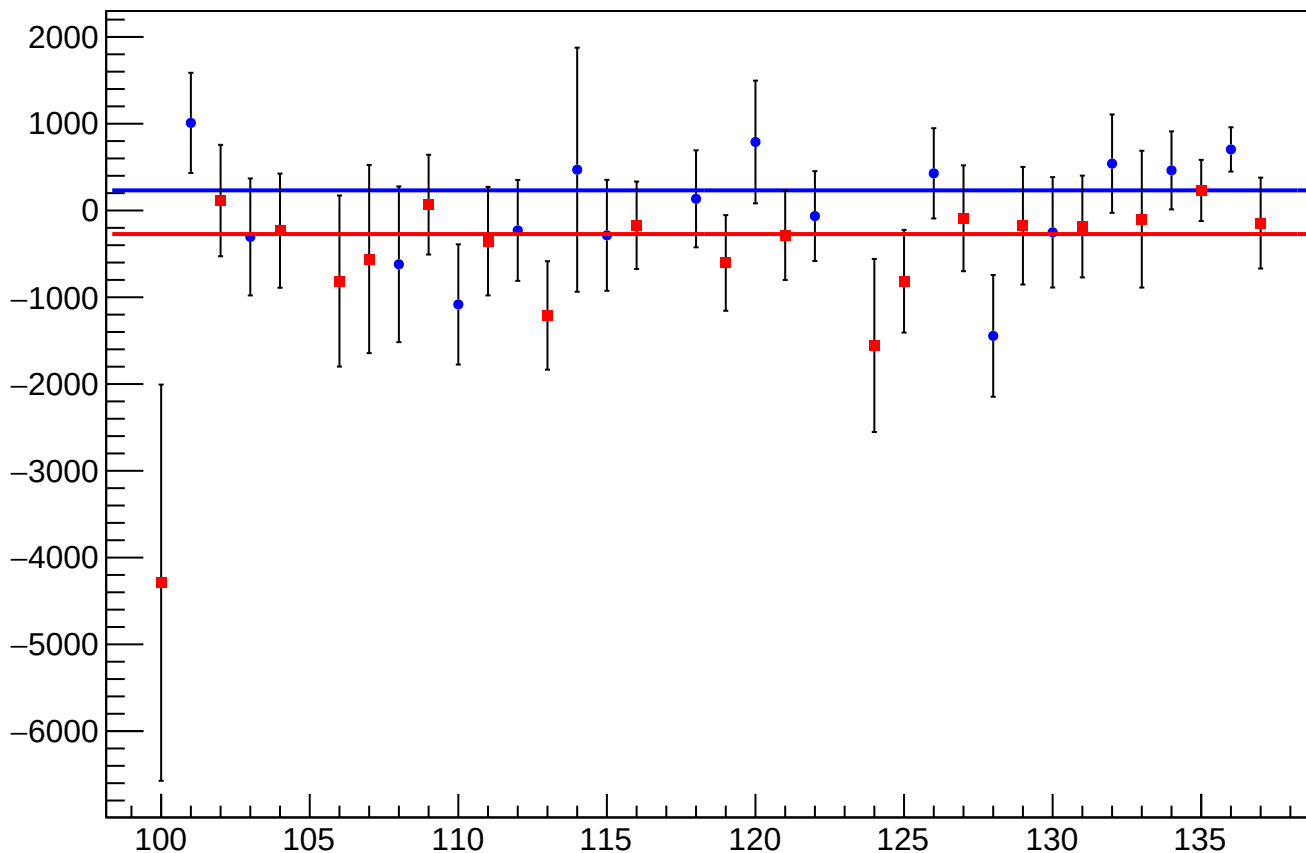
Right: 26.665+/-0.005 χ^2/NDF : 1429493.5/34

In: 26.227+/-0.007 χ^2/NDF : 676029.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.665+/-0.005 χ^2/NDF : 1429493.5/34

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 232.084 $\pm$ 134.871 χ^2 /NDF: 19.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -271.412 $\pm$ 140.183 χ^2 /NDF: 11.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

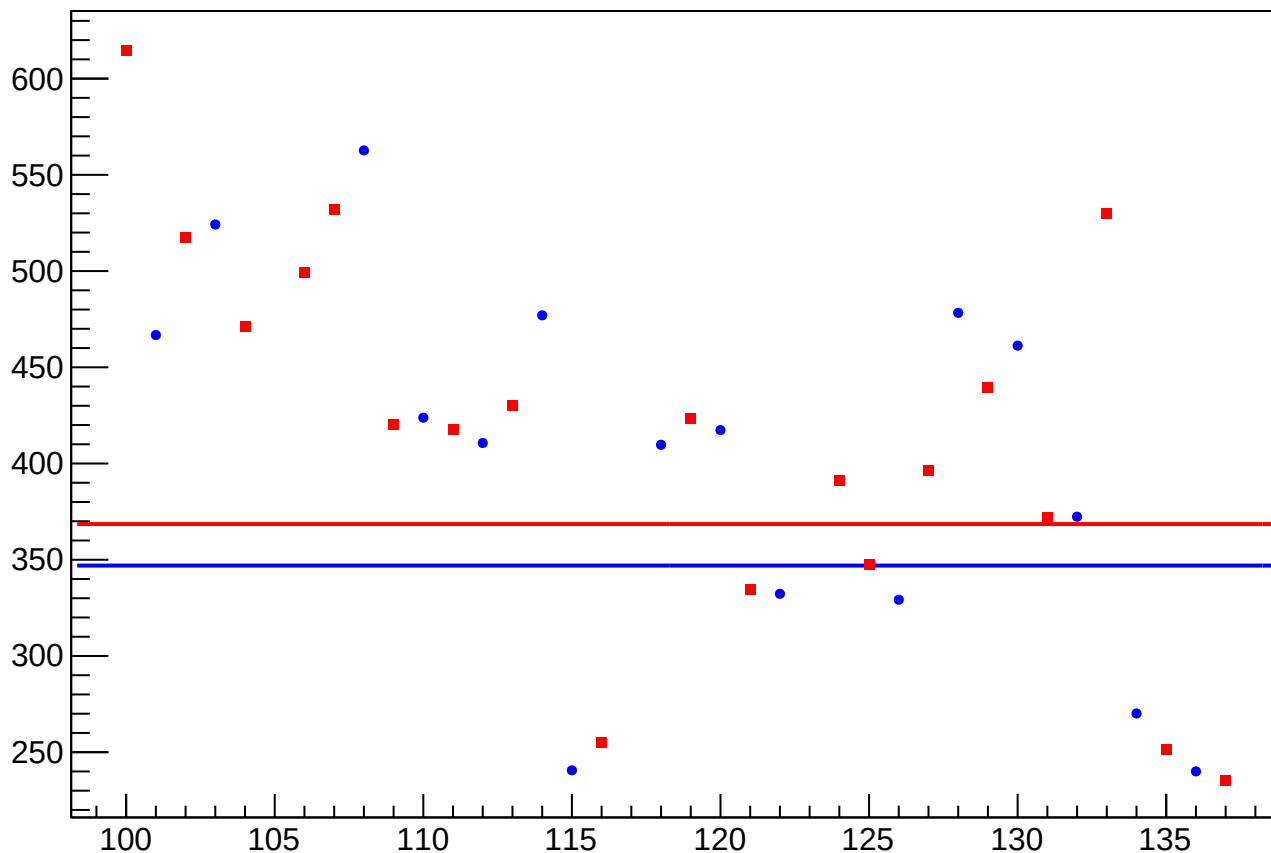
Right: -9.945 $\pm$ 97.192 χ^2 /NDF: 38.0/34

In: 232.084 $\pm$ 134.871 χ^2 /NDF:19.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -9.945 $\pm$ 97.192 χ^2 /NDF: 38.0/34

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 346.969 $\pm$ 0.095 χ^2 /NDF: 1058057.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 368.543 $\pm$ 0.099 χ^2 /NDF: 900219.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

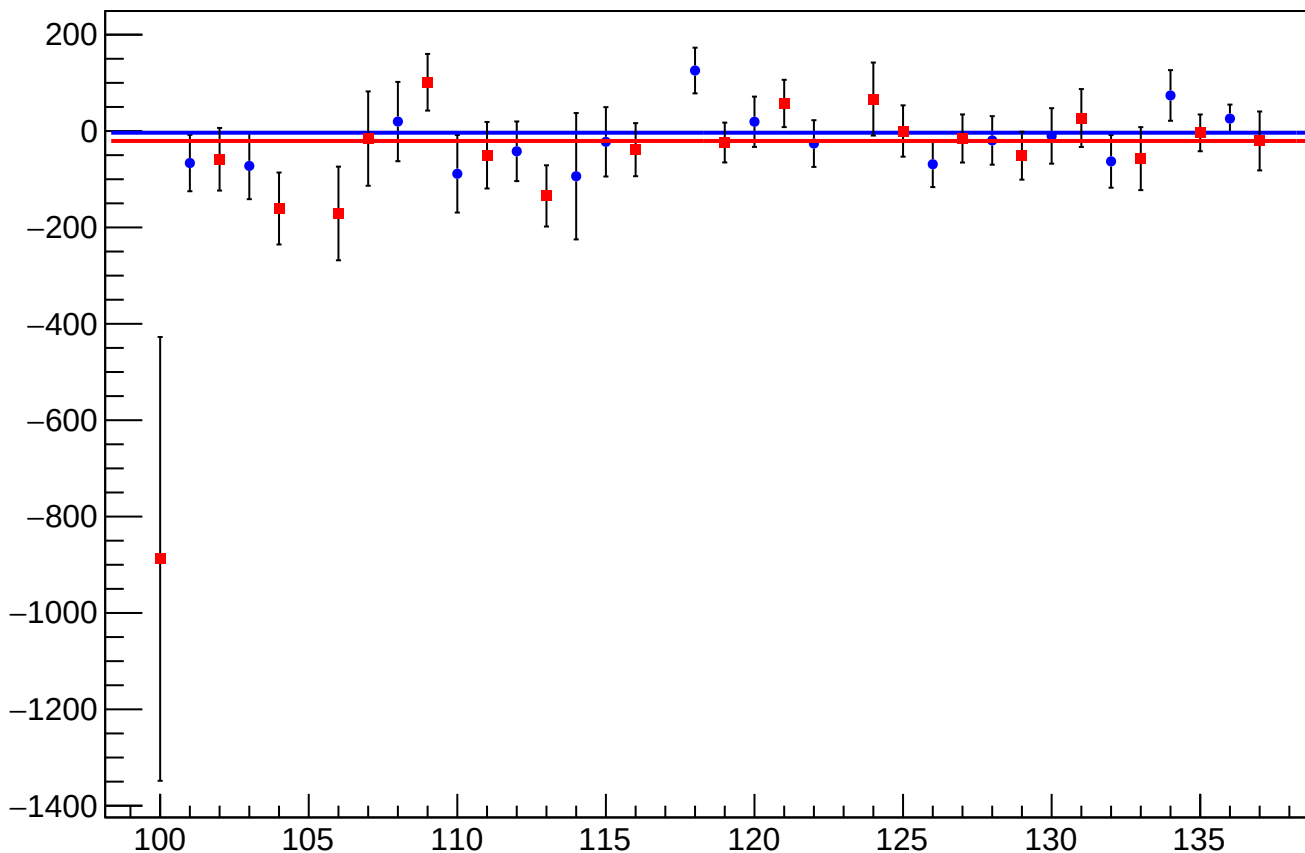
Right: 357.340 $\pm$ 0.069 χ^2 /NDF: 1982876.2/34

In: 346.969 $\pm$ 0.095 χ^2 /NDF:1058057.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 357.340 $\pm$ 0.069 χ^2 /NDF: 1982876.2/34

dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.423 ± 13.393 χ^2/NDF : 18.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.569 ± 13.475 χ^2/NDF : 23.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

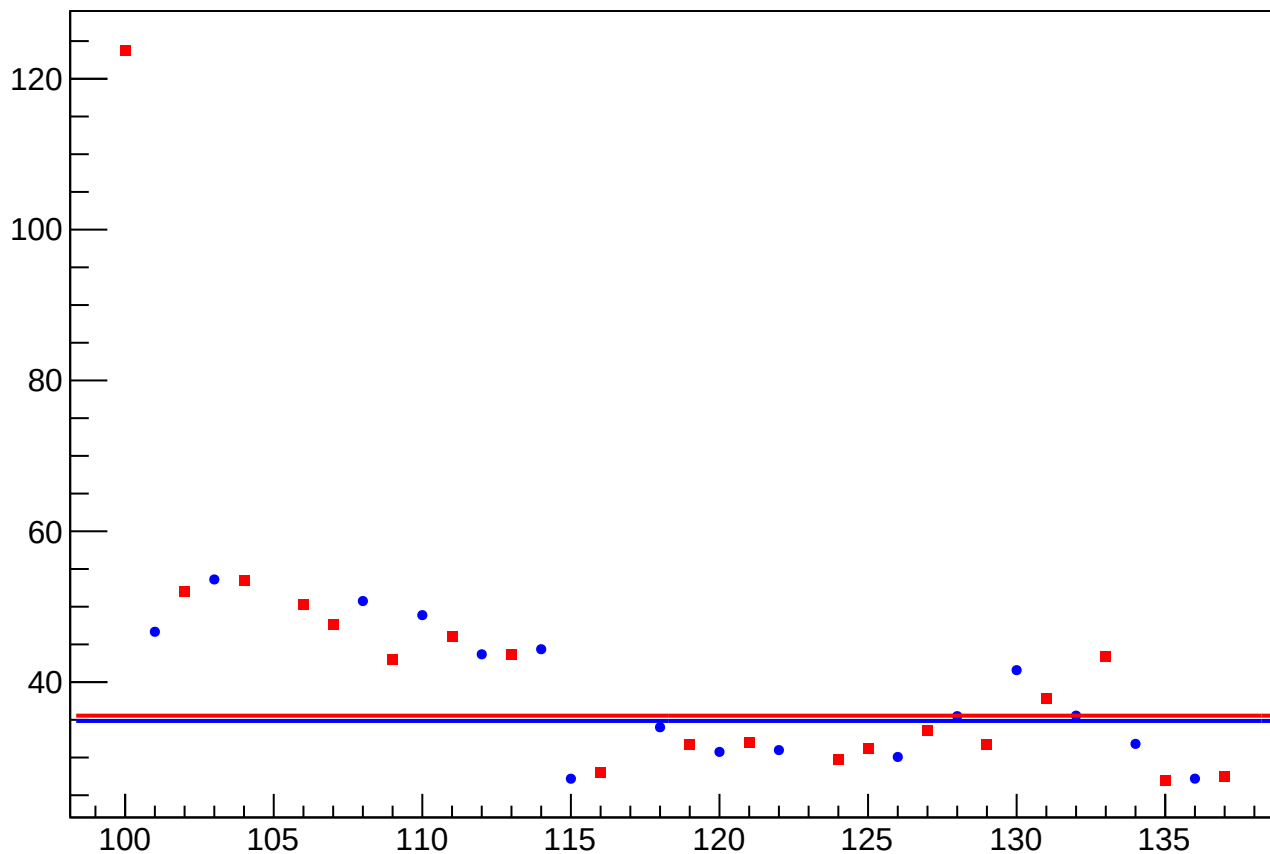
Right: -11.944 ± 9.499 χ^2/NDF : 42.4/34

In: -3.423 ± 13.393 χ^2/NDF : 18.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.944 ± 9.499 χ^2/NDF : 42.4/34

dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 34.850 $\pm$ 0.009 χ^2 /NDF: 658141.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.553 $\pm$ 0.010 χ^2 /NDF: 779880.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

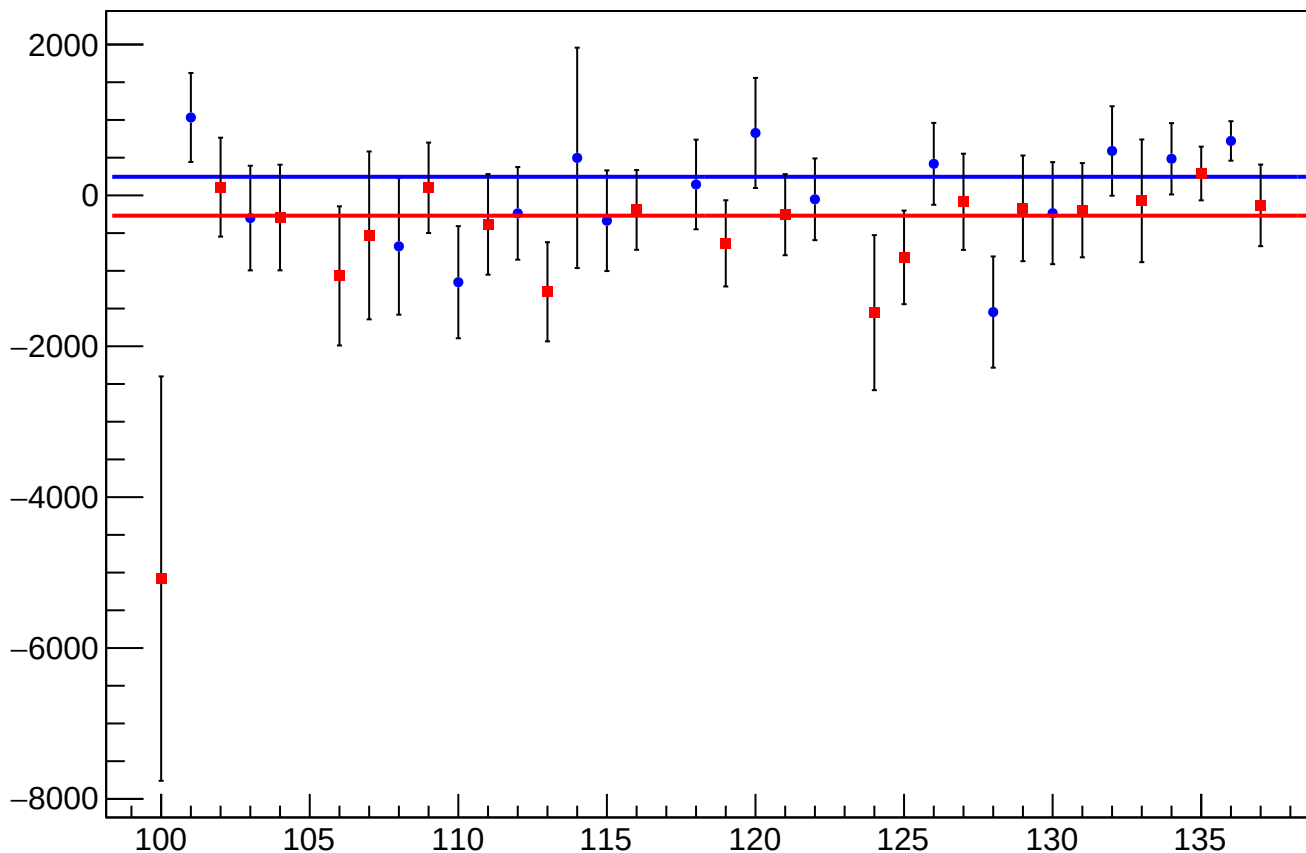
Right: 35.200 $\pm$ 0.007 χ^2 /NDF: 1440755.9/34

In: 34.850 $\pm$ 0.009 χ^2 /NDF: 658141.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 35.200 $\pm$ 0.007 χ^2 /NDF: 1440755.9/34

asym_sam_1357_2468_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 246.507 $\pm$ 140.275 χ^2 /NDF: 19.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -268.913 $\pm$ 145.295 χ^2 /NDF: 12.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

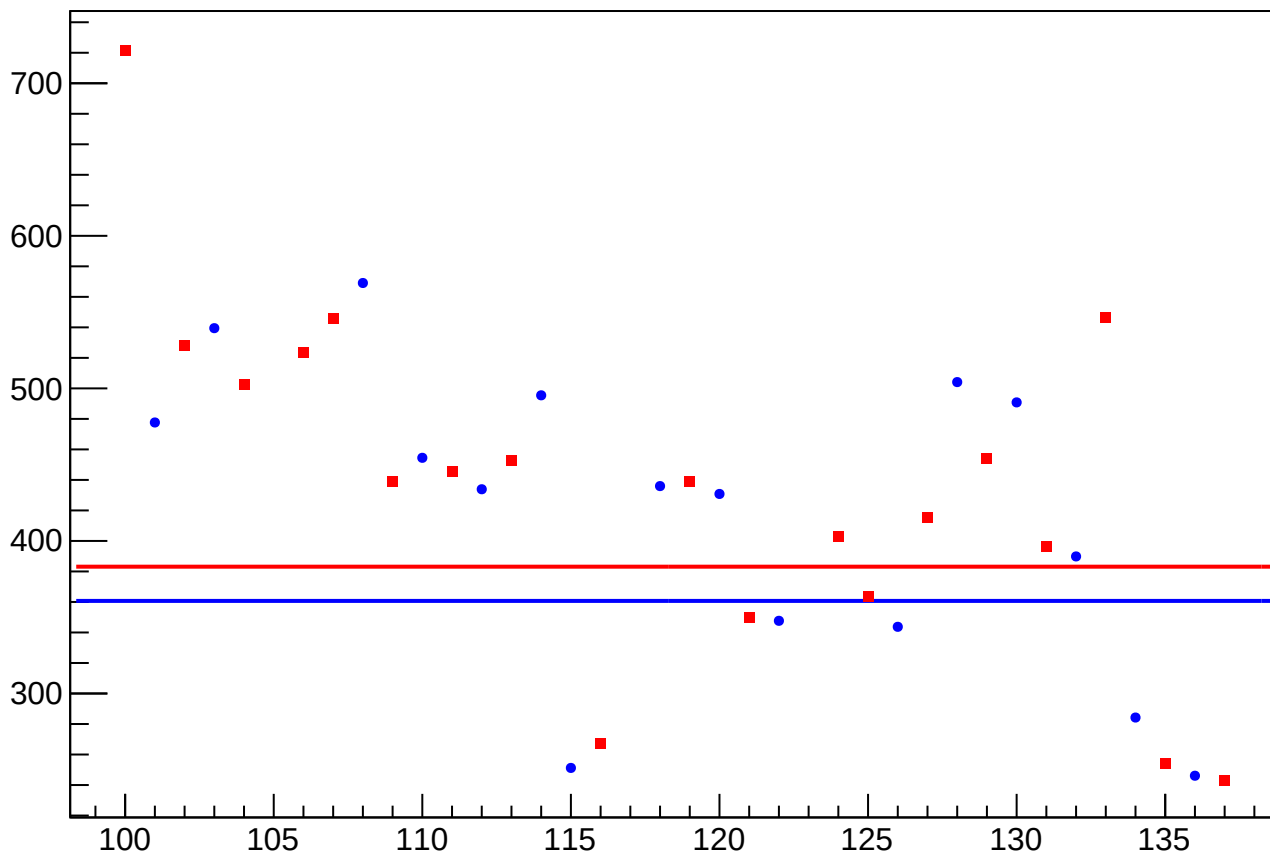
Right: -2.144 $\pm$ 100.917 χ^2 /NDF: 38.9/34

In: 246.507 $\pm$ 140.275 χ^2 /NDF: 19.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.144 $\pm$ 100.917 χ^2 /NDF: 38.9/34

asym_sam_1357_2468_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 360.692+/-0.099 χ^2/NDF : 1092760.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.132+/-0.103 χ^2/NDF : 963125.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

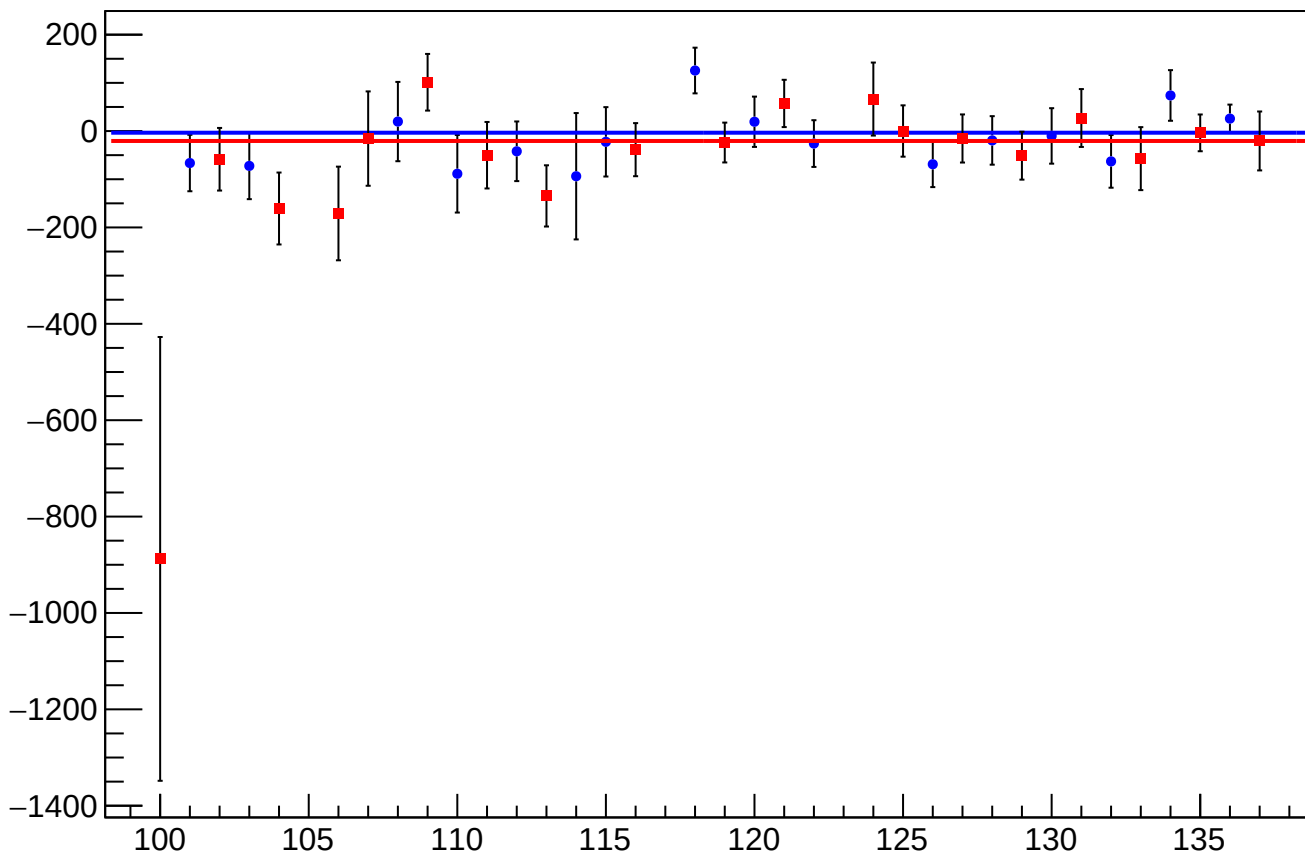
Right: 371.518+/-0.071 χ^2/NDF : 2080575.8/34

In: 360.692+/-0.099 χ^2/NDF : 1092760.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.518+/-0.071 χ^2/NDF : 2080575.8/34

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.425 ± 13.392 $\chi^2/\text{NDF}: 18.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.569 ± 13.475 $\chi^2/\text{NDF}: 23.1/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

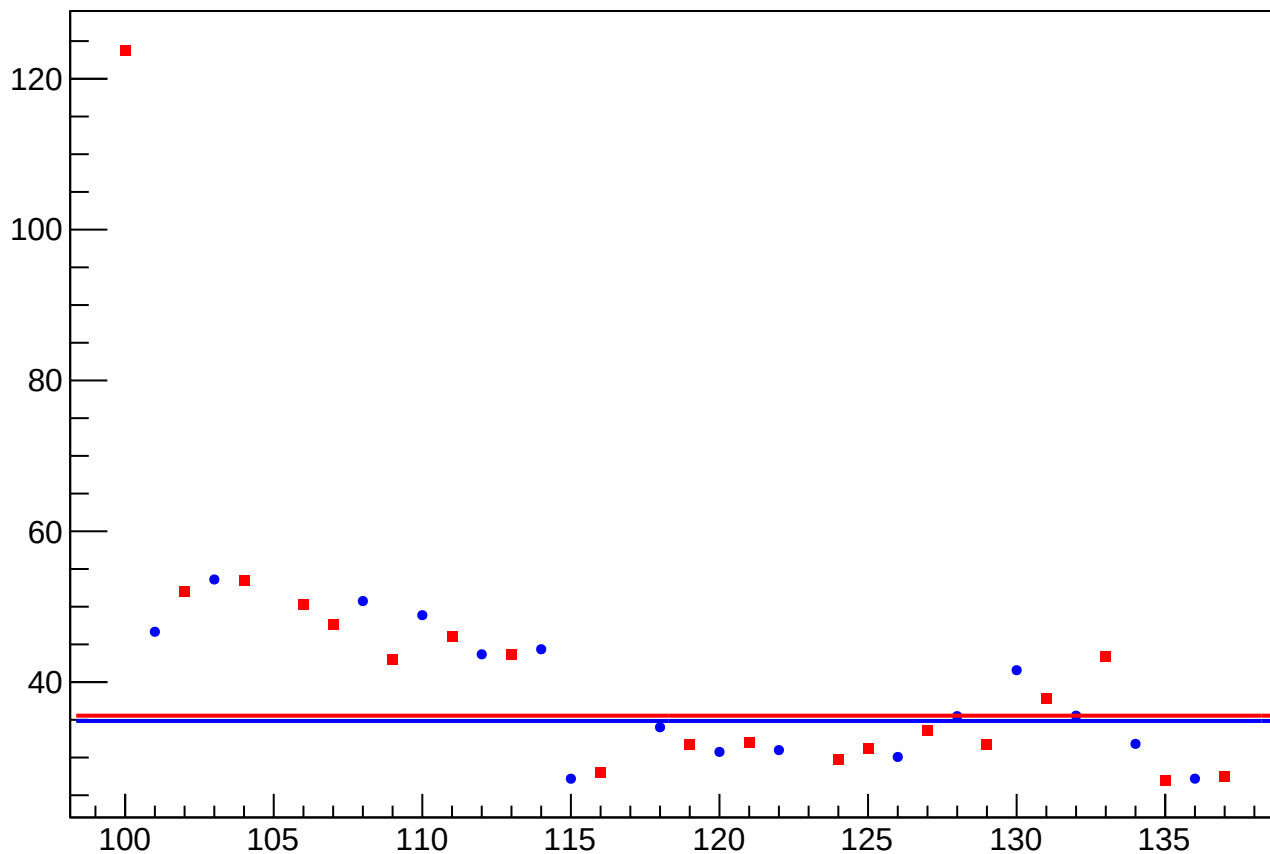
Right: -11.944 ± 9.499 $\chi^2/\text{NDF}: 42.4/34$

In: -3.425 ± 13.392 $\chi^2/\text{NDF}: 18.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.944 ± 9.499 $\chi^2/\text{NDF}: 42.4/34$

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 34.850+/-0.009 χ^2/NDF : 658089.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.552+/-0.010 χ^2/NDF : 779849.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

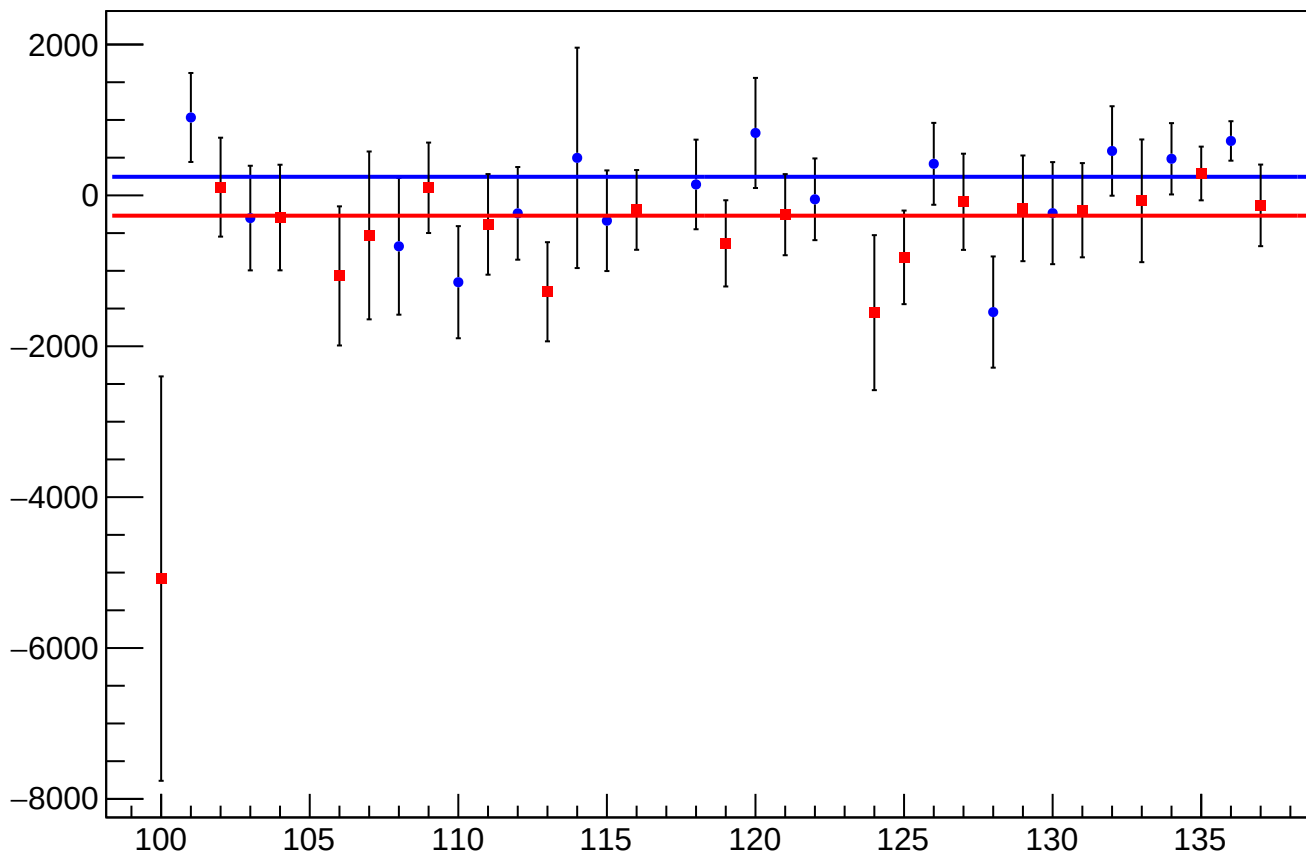
Right: 35.199+/-0.007 χ^2/NDF : 1440673.9/34

In: 34.850+/-0.009 χ^2/NDF : 658089.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.199+/-0.007 χ^2/NDF : 1440673.9/34

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 246.505 $\pm$ 140.274 χ^2 /NDF: 19.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -268.913 $\pm$ 145.295 χ^2 /NDF: 12.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

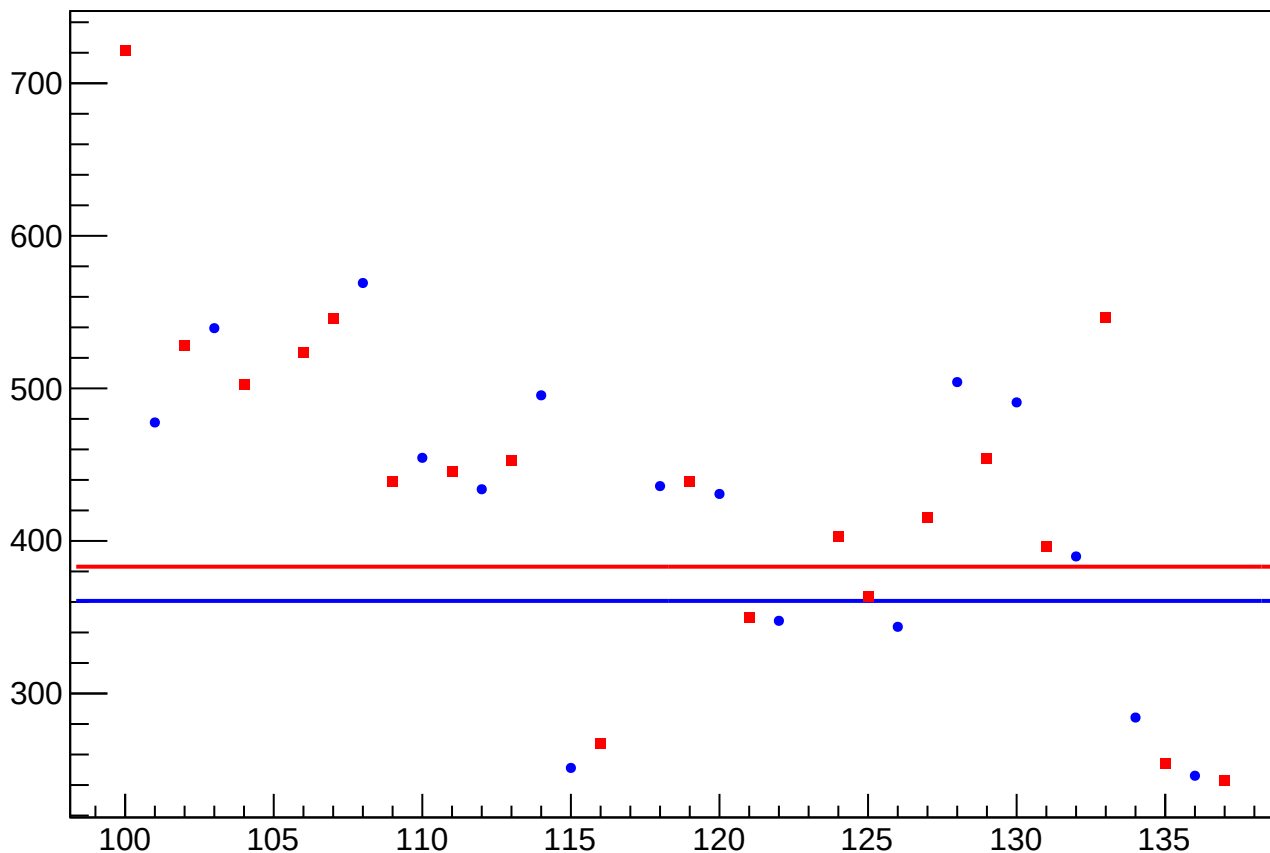
Right: -2.145 $\pm$ 100.917 χ^2 /NDF: 38.9/34

In: 246.505 $\pm$ 140.274 χ^2 /NDF: 19.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.145 $\pm$ 100.917 χ^2 /NDF: 38.9/34

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 360.691+/-0.099 χ^2/NDF : 1092752.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 383.131+/-0.103 χ^2/NDF : 963120.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

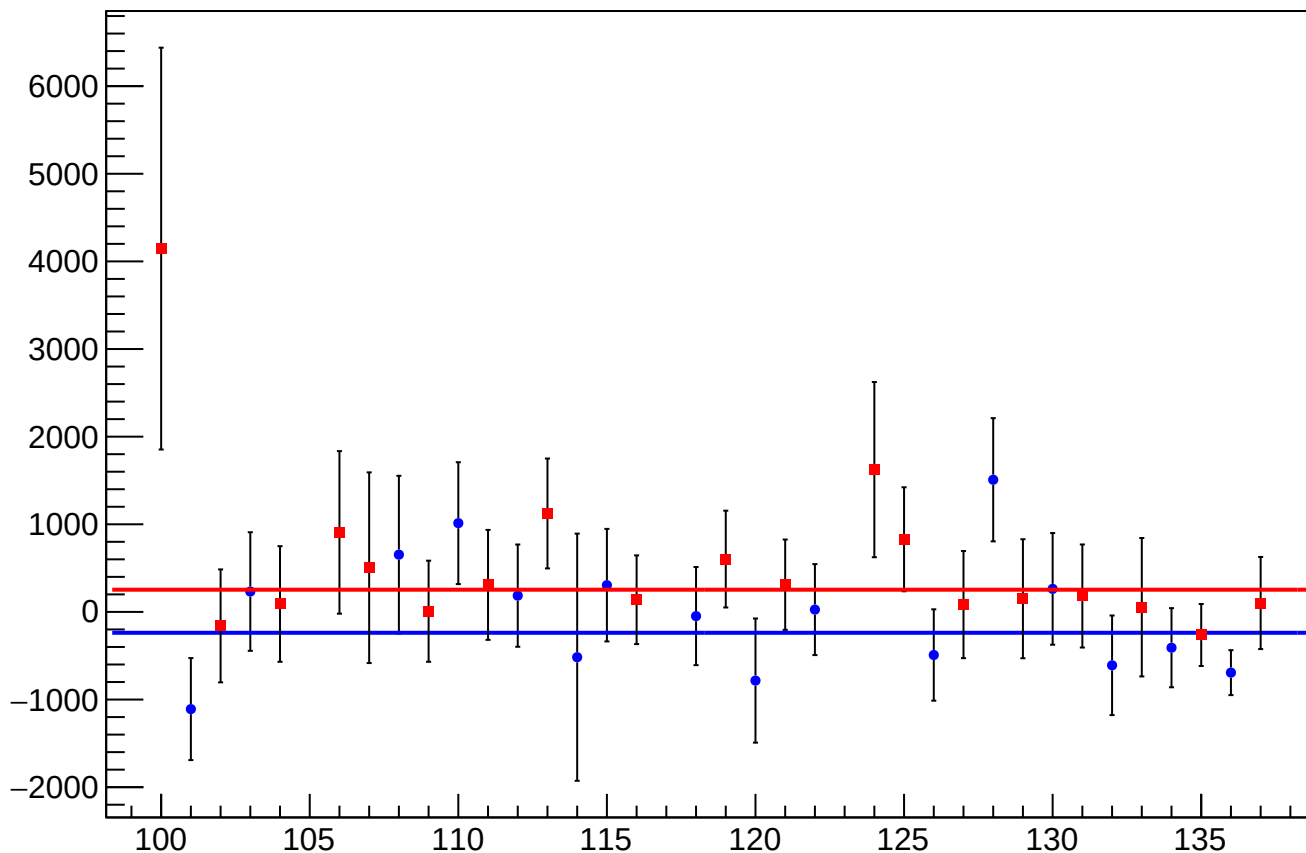
Right: 371.517+/-0.071 χ^2/NDF : 2080563.7/34

In: 360.691+/-0.099 χ^2/NDF : 1092752.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 371.517+/-0.071 χ^2/NDF : 2080563.7/34

asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -238.043+/-135.349 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 253.445+/-140.414 χ^2/NDF : 11.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

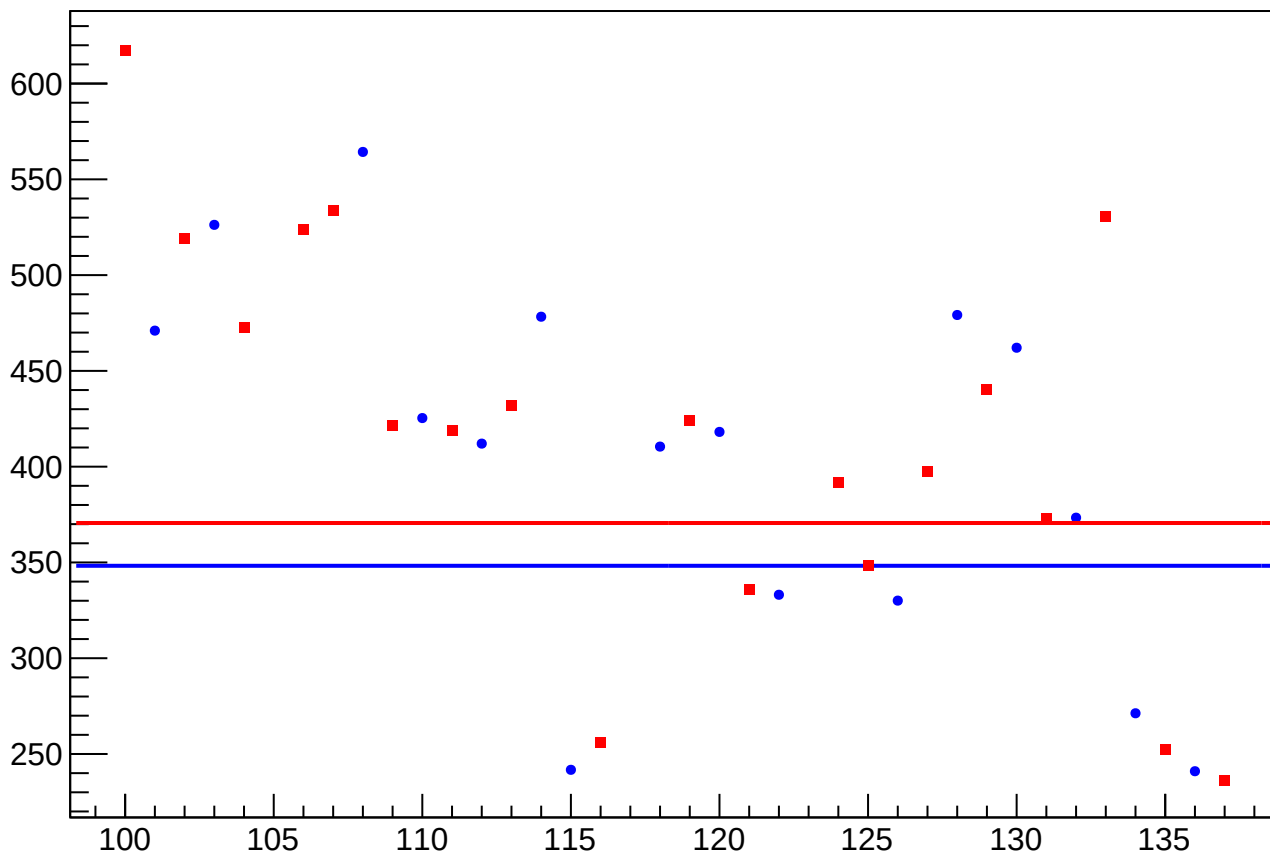
Right: -1.323+/-97.448 χ^2/NDF : 38.0/34

In: -238.043+/-135.349 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.323+/-97.448 χ^2/NDF : 38.0/34

asym_sam_1357_2468_dd_rms vs Slug, Sign Corrected



Right In: 348.253+/-0.096 χ^2/NDF : 1056820.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 370.585+/-0.099 χ^2/NDF : 917913.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

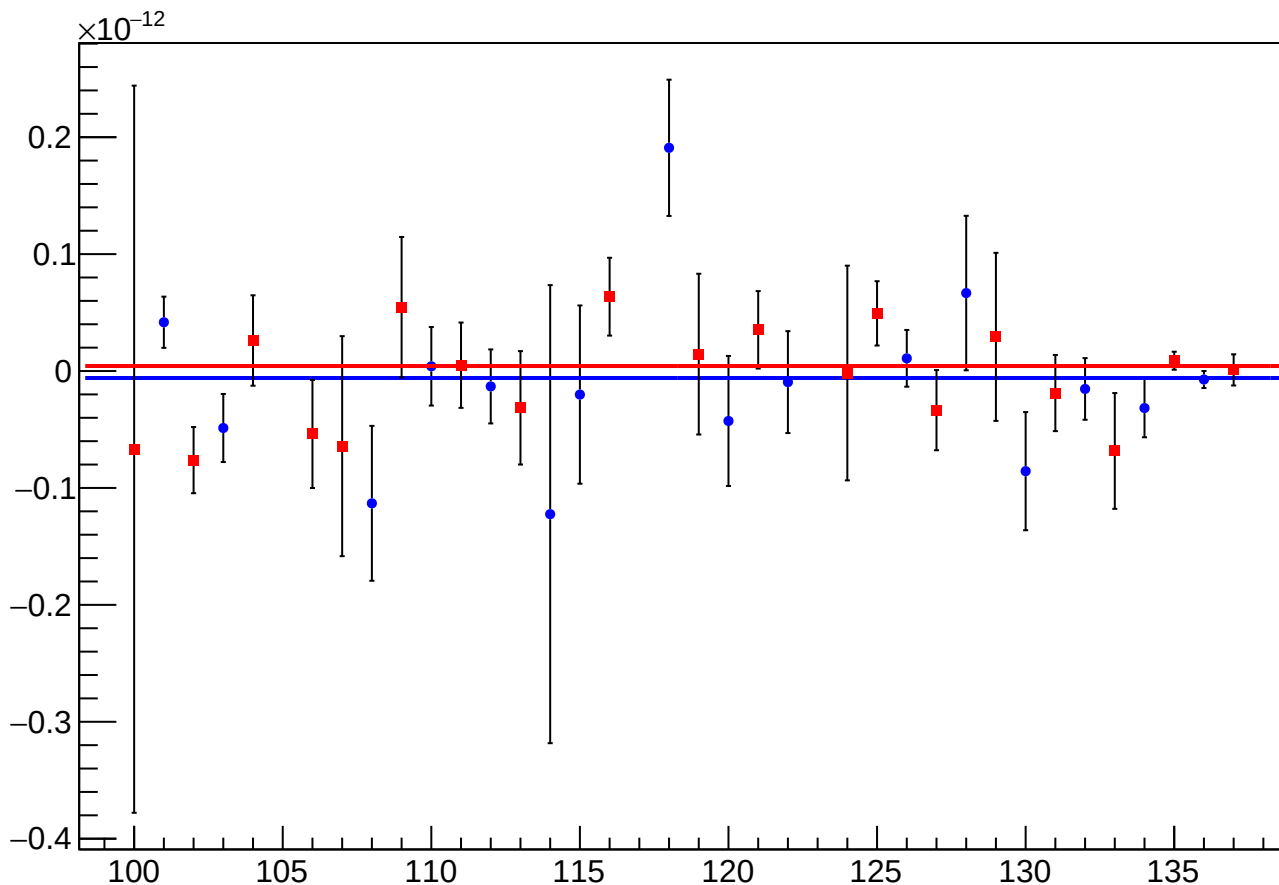
Right: 359.009+/-0.069 χ^2/NDF : 2000959.8/34

In: 348.253+/-0.096 χ^2/NDF : 1056820.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 359.009+/-0.069 χ^2/NDF : 2000959.8/34

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 27.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 23.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

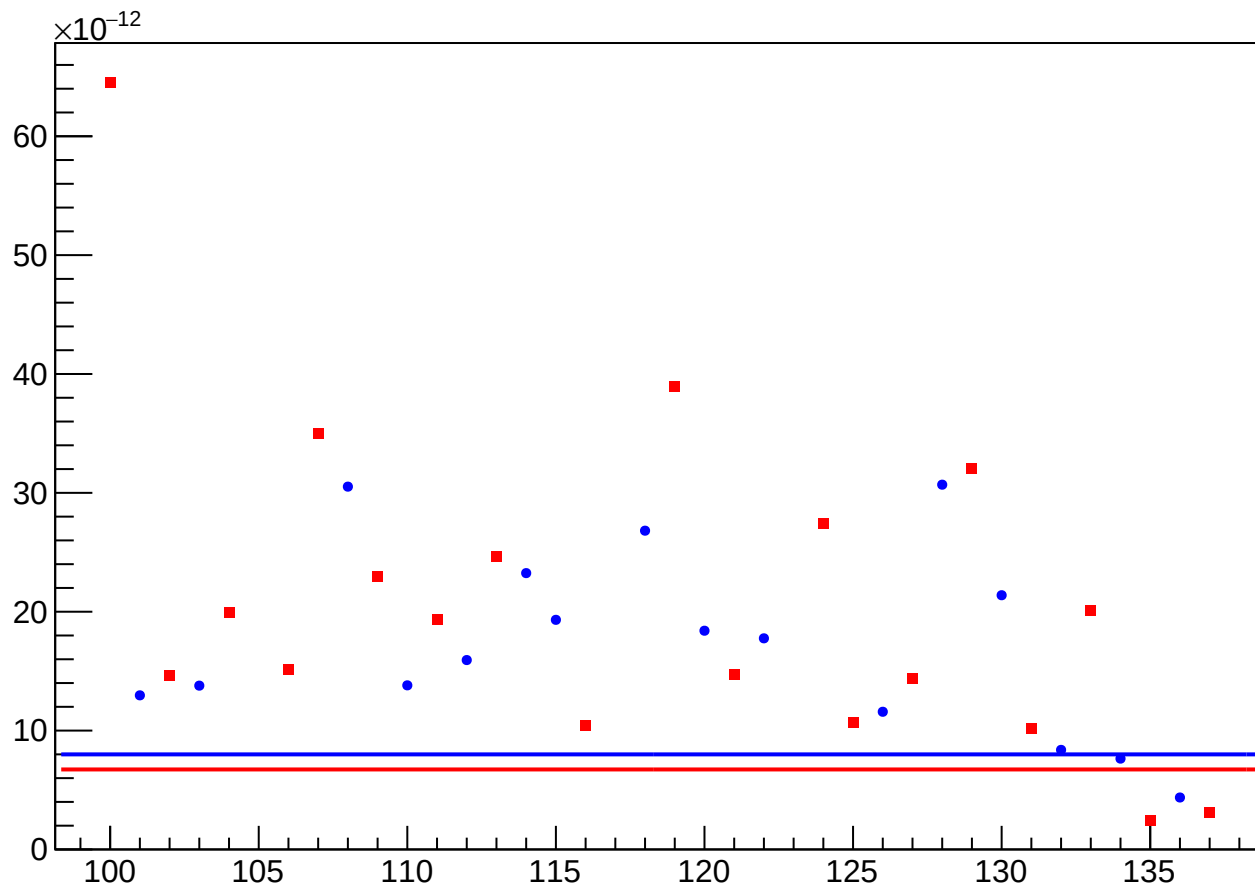
Right: -0.000+/-0.000 χ^2/NDF : 51.9/34

In: -0.000+/-0.000 χ^2/NDF : 27.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 51.9/34

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1949755.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3379574.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

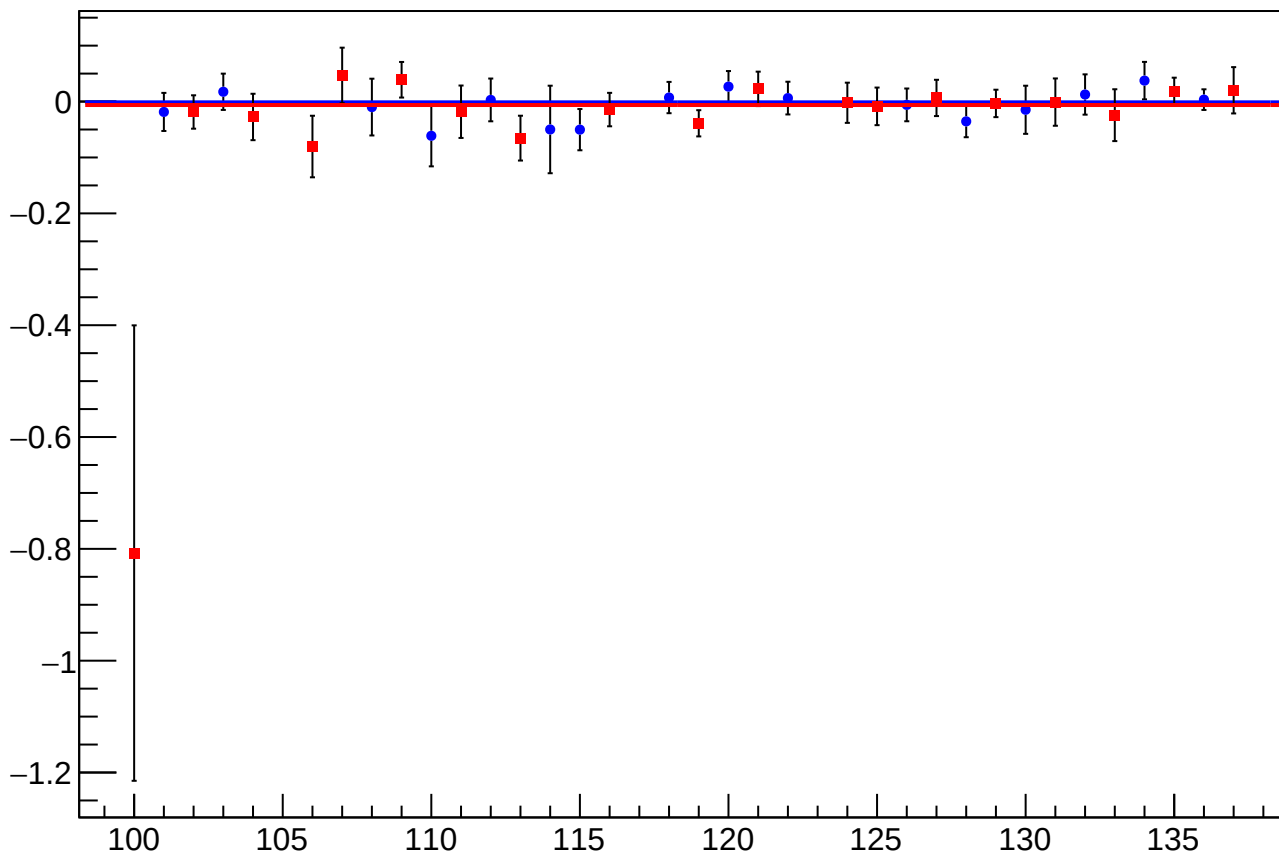
Right: 0.000+/-0.000 χ^2/NDF : 5380161.4/34

In: 0.000+/-0.000 χ^2/NDF : 1949755.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5380161.4/34

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.008 χ^2 /NDF: 8.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

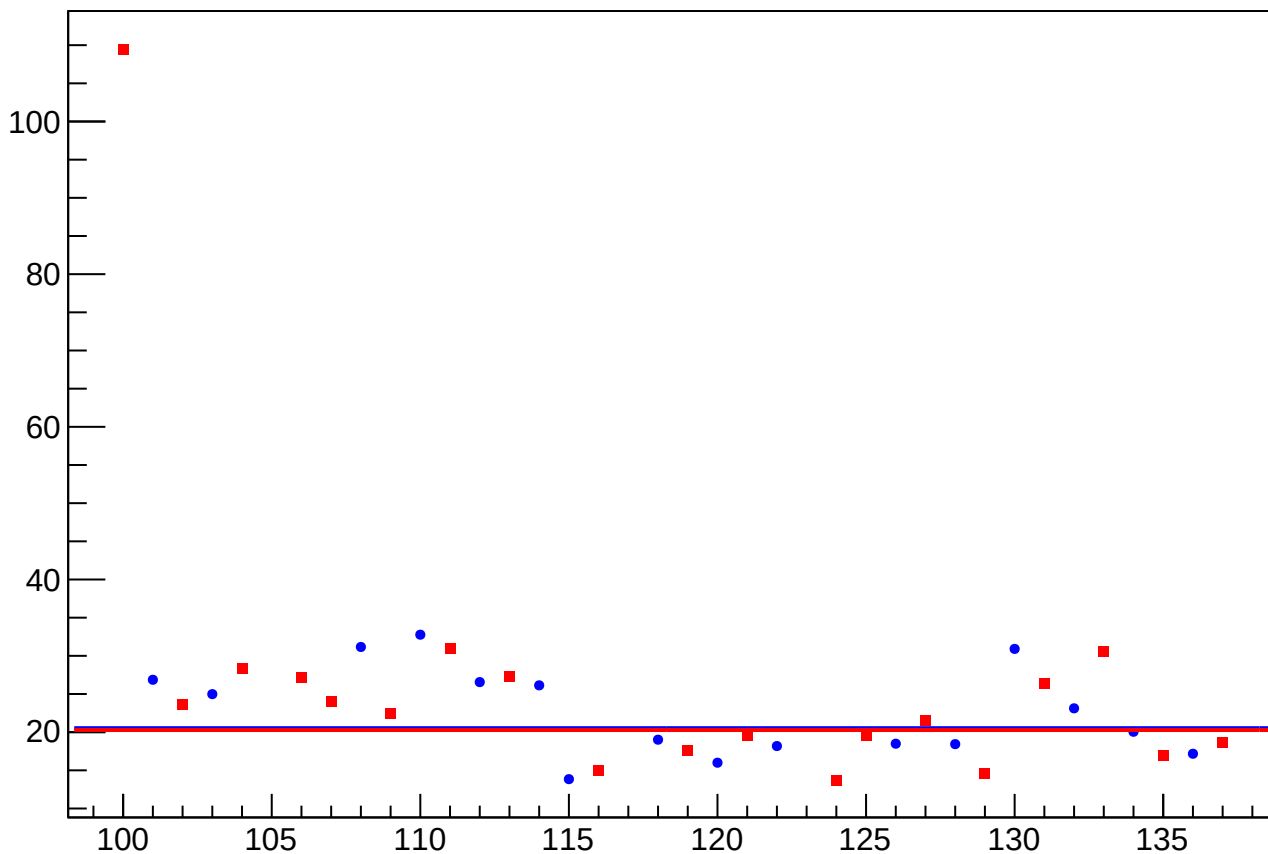
Right: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.7/34

In: -0.001 $\pm$ 0.008 χ^2 /NDF:8.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.7/34

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.522+/-0.006 χ^2/NDF : 705998.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.282+/-0.006 χ^2/NDF : 864352.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

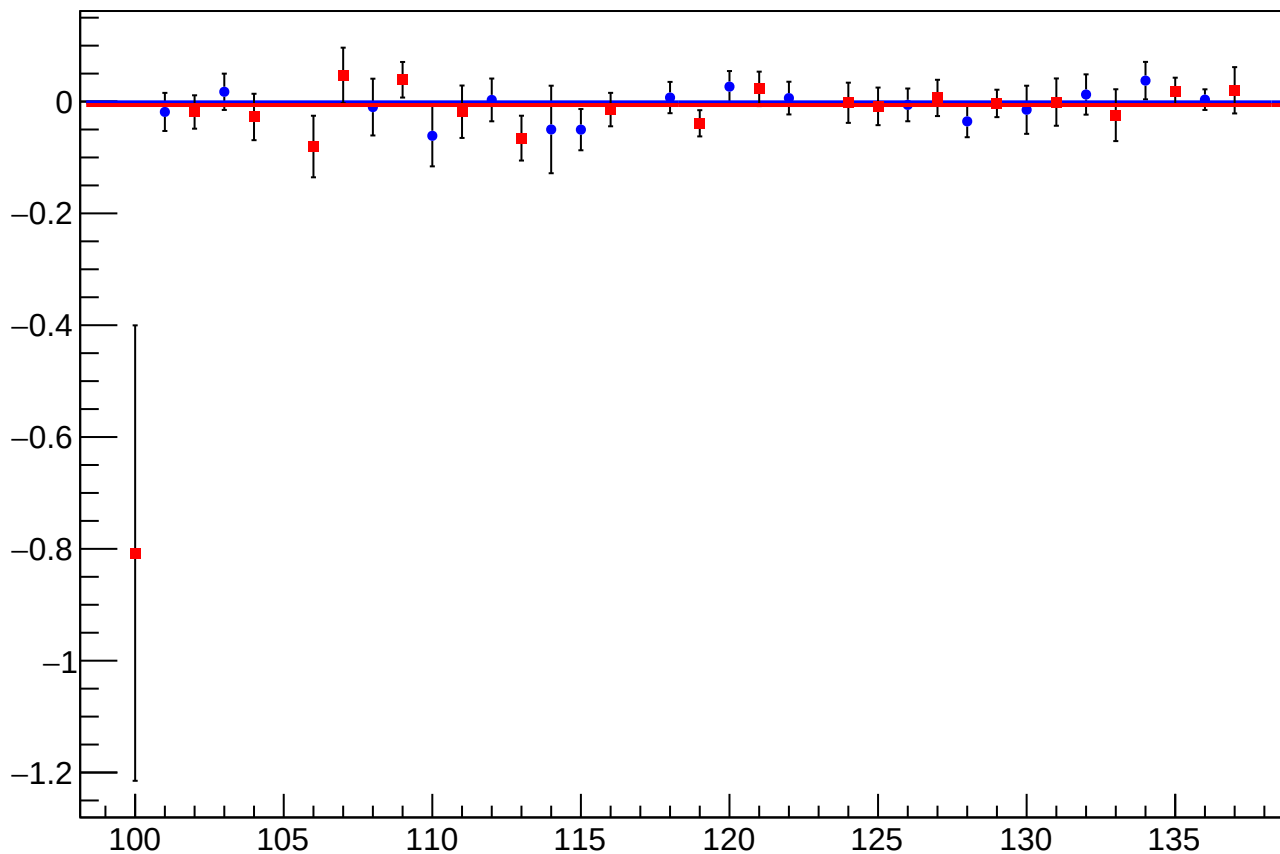
Right: 20.399+/-0.004 χ^2/NDF : 1571258.3/34

In: 20.522+/-0.006 χ^2/NDF : 705998.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.399+/-0.004 χ^2/NDF : 1571258.3/34

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.008 χ^2/NDF : 8.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.008 χ^2/NDF : 16.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

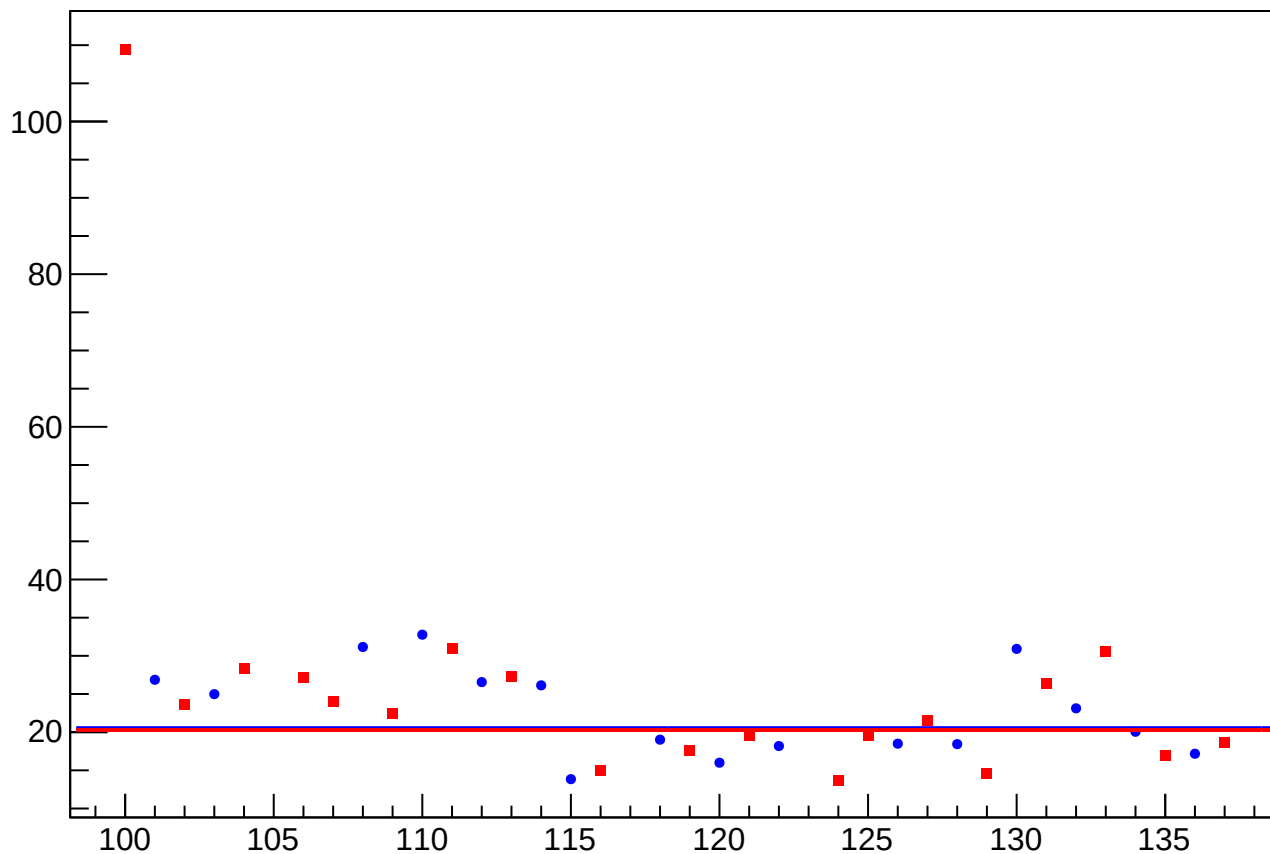
Right: -0.004 ± 0.006 χ^2/NDF : 24.7/34

In: -0.001 ± 0.008 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.006 χ^2/NDF : 24.7/34

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.522+/-0.006 χ^2/NDF : 705998.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.282+/-0.006 χ^2/NDF : 864352.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

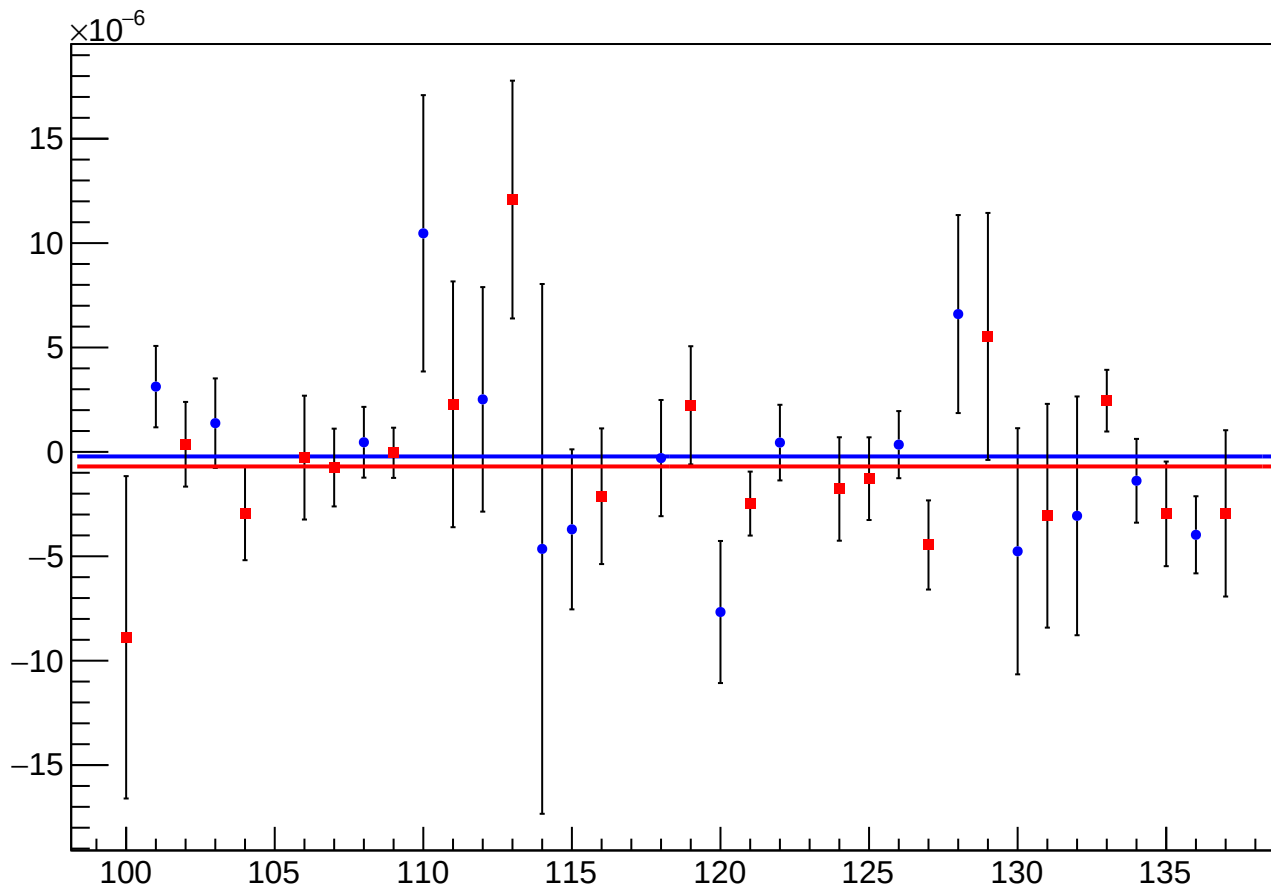
Right: 20.399+/-0.004 χ^2/NDF : 1571258.3/34

In: 20.522+/-0.006 χ^2/NDF : 705998.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.399+/-0.004 χ^2/NDF : 1571258.3/34

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2 /NDF: 19.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 21.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

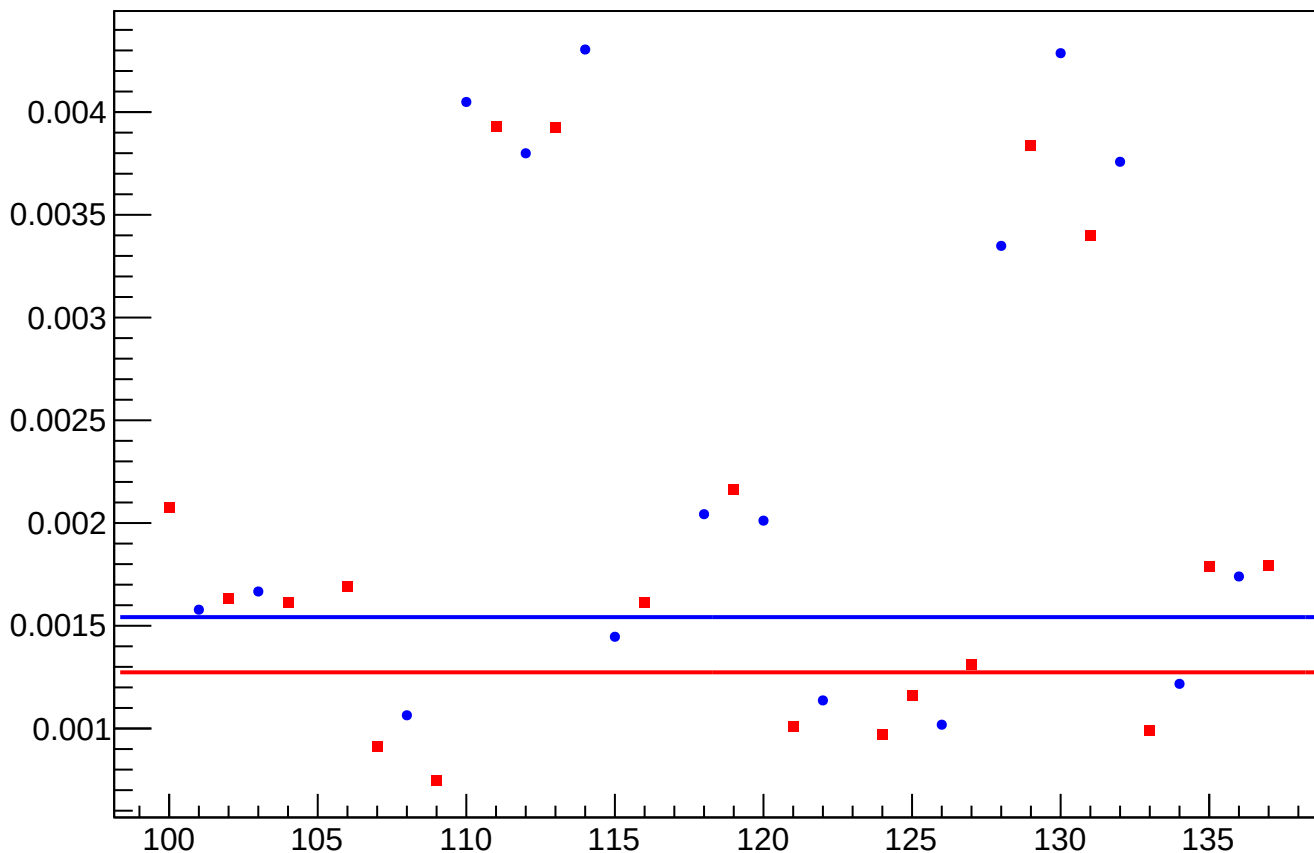
Right: -0.000+/-0.000 χ^2 /NDF: 41.2/34

In: -0.000+/-0.000 χ^2 /NDF:19.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 41.2/34

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000

χ^2/NDF : 2416805.2/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000

χ^2/NDF : 2667436.5/18

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 5298926.0/34

In: 0.002+/-0.000

χ^2/NDF : 2416805.2/15

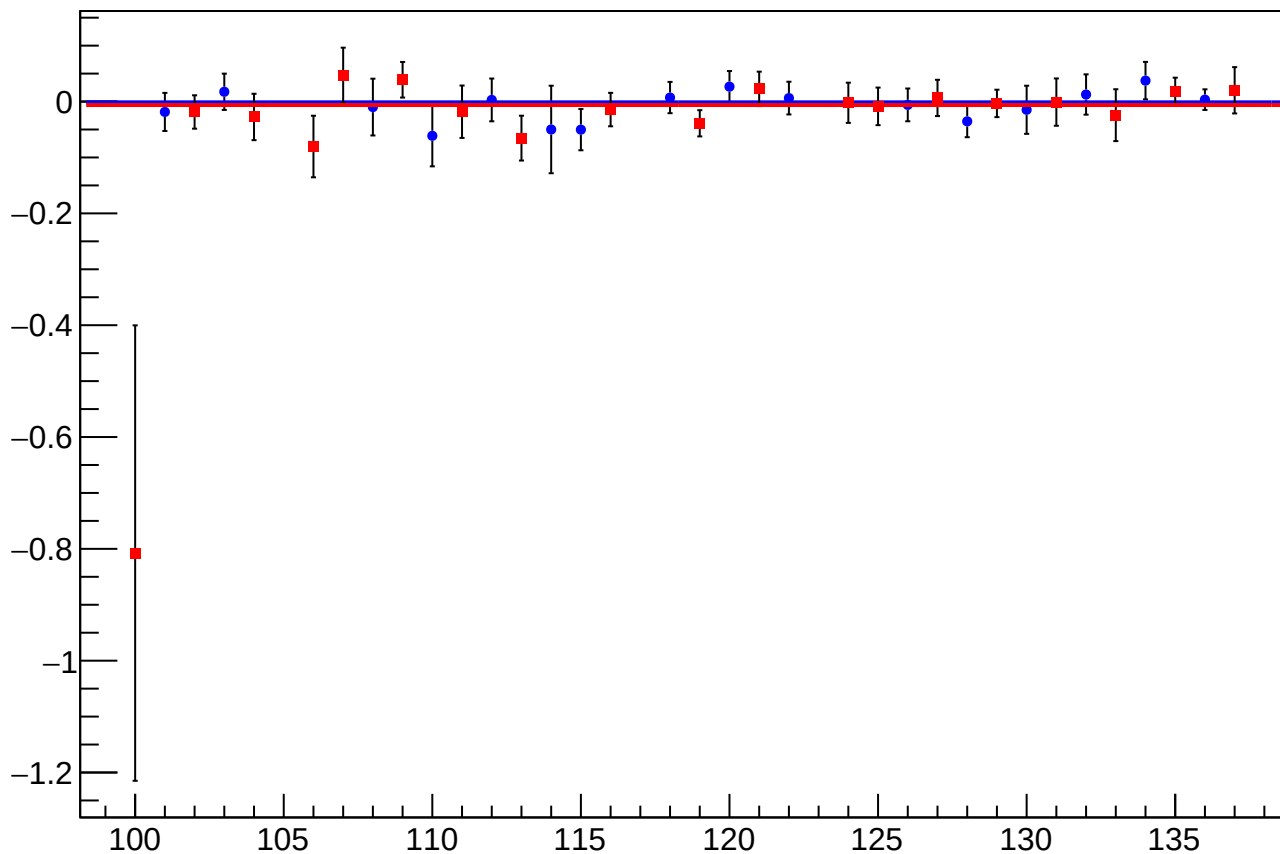
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5298926.0/34

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 $\pm$ 0.008 χ^2 /NDF: 8.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

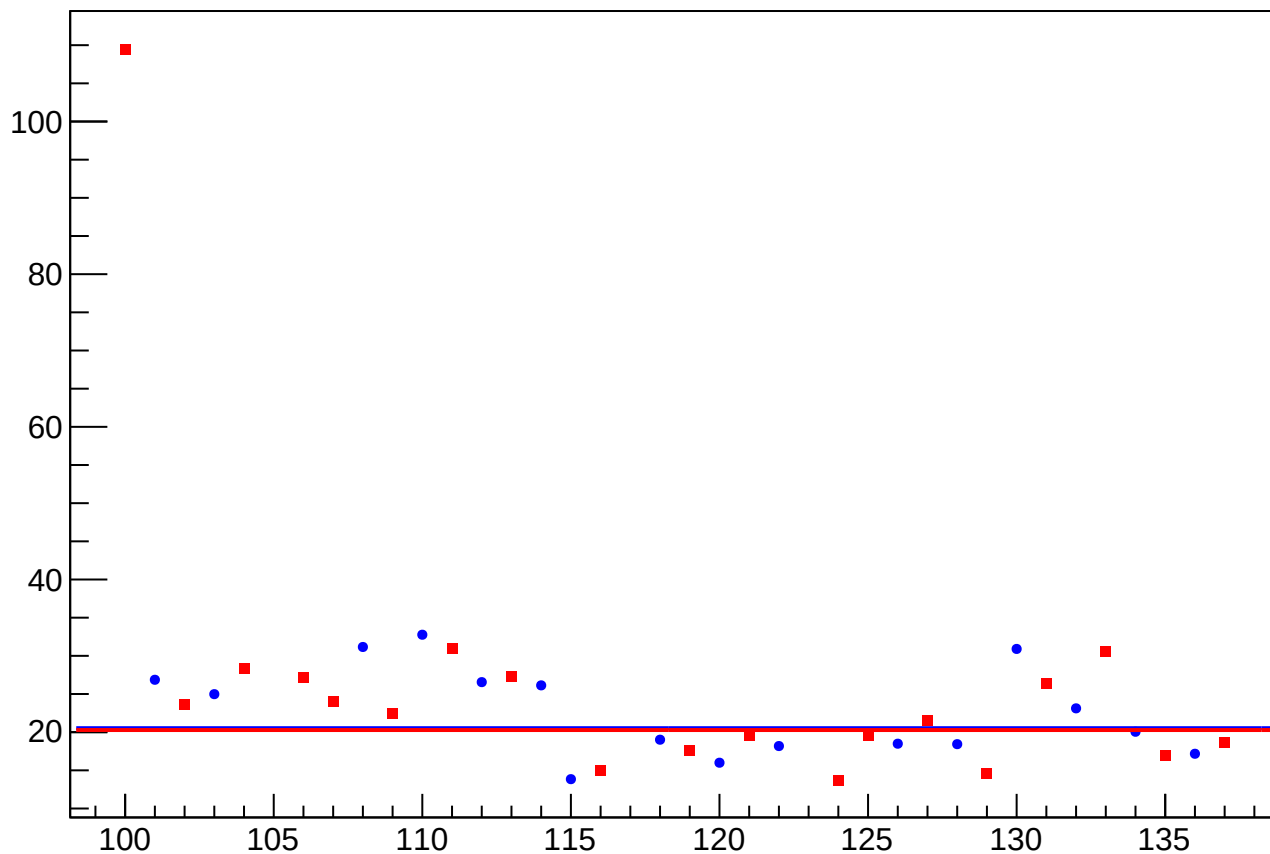
Right: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.7/34

In: -0.001 $\pm$ 0.008 χ^2 /NDF:8.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.7/34

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.521+/-0.006 χ^2/NDF : 705877.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.281+/-0.006 χ^2/NDF : 864361.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

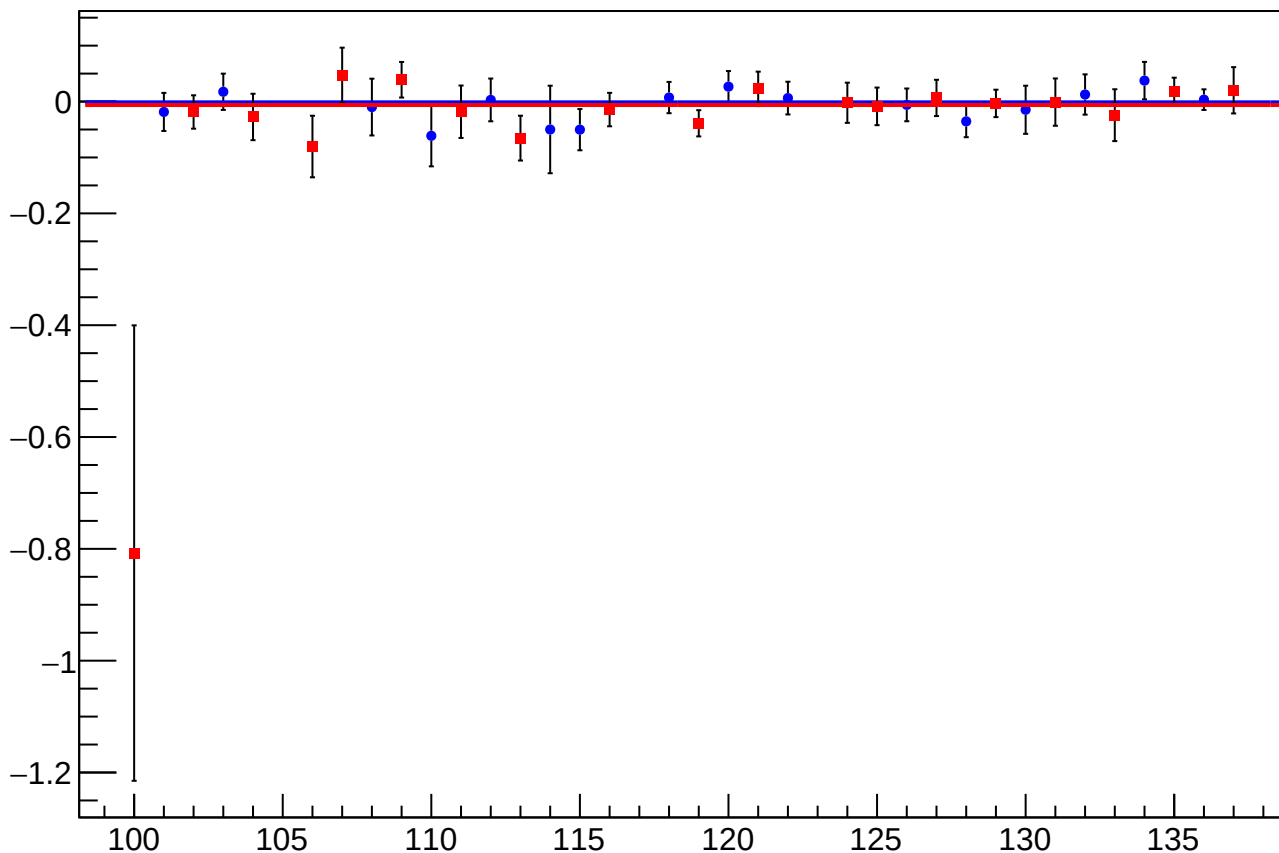
Right: 20.398+/-0.004 χ^2/NDF : 1571146.6/34

In: 20.521+/-0.006 χ^2/NDF : 705877.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.398+/-0.004 χ^2/NDF : 1571146.6/34

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.001 ± 0.008 χ^2/NDF : 8.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.006 ± 0.008 χ^2/NDF : 16.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

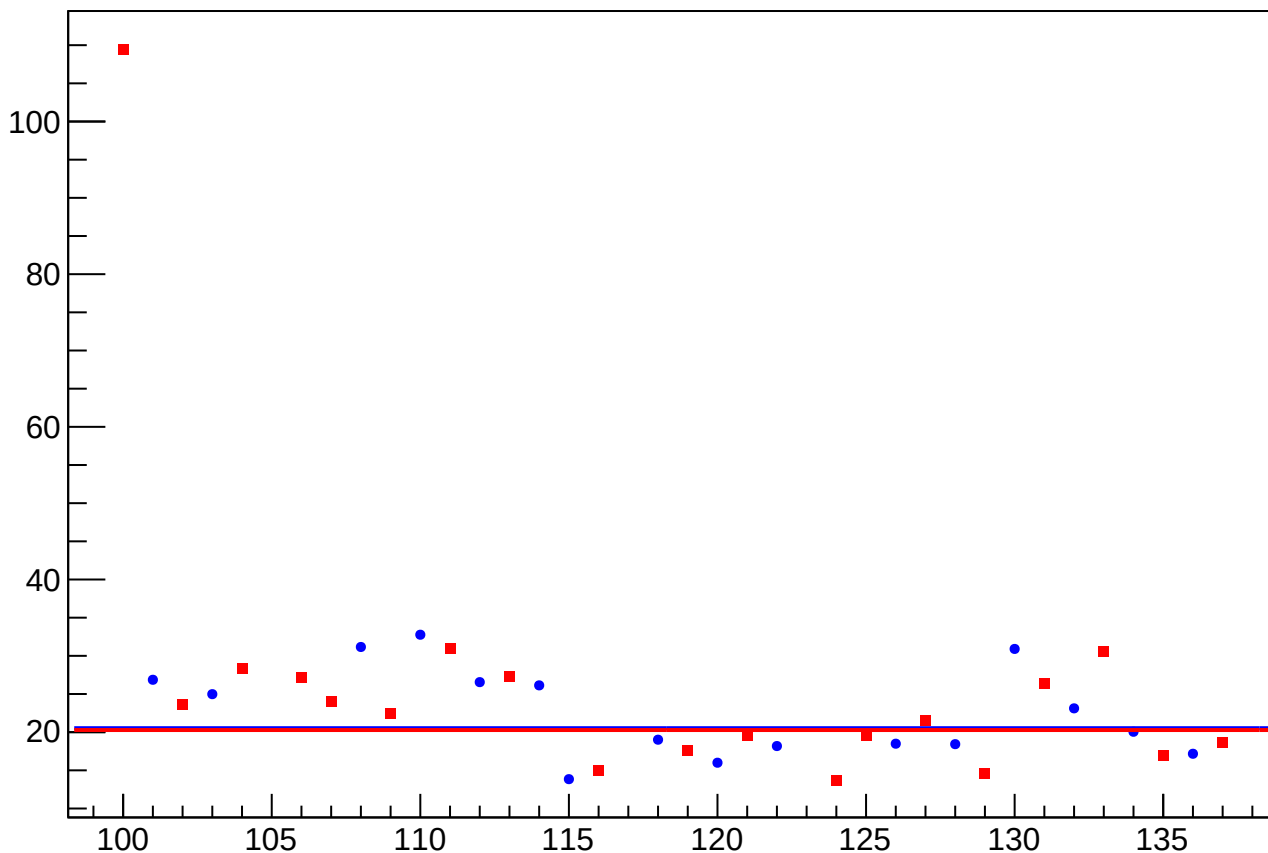
Right: -0.004 ± 0.006 χ^2/NDF : 24.7/34

In: -0.001 ± 0.008 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.006 χ^2/NDF : 24.7/34

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 20.521+/-0.006 χ^2/NDF : 705877.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.281+/-0.006 χ^2/NDF : 864361.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

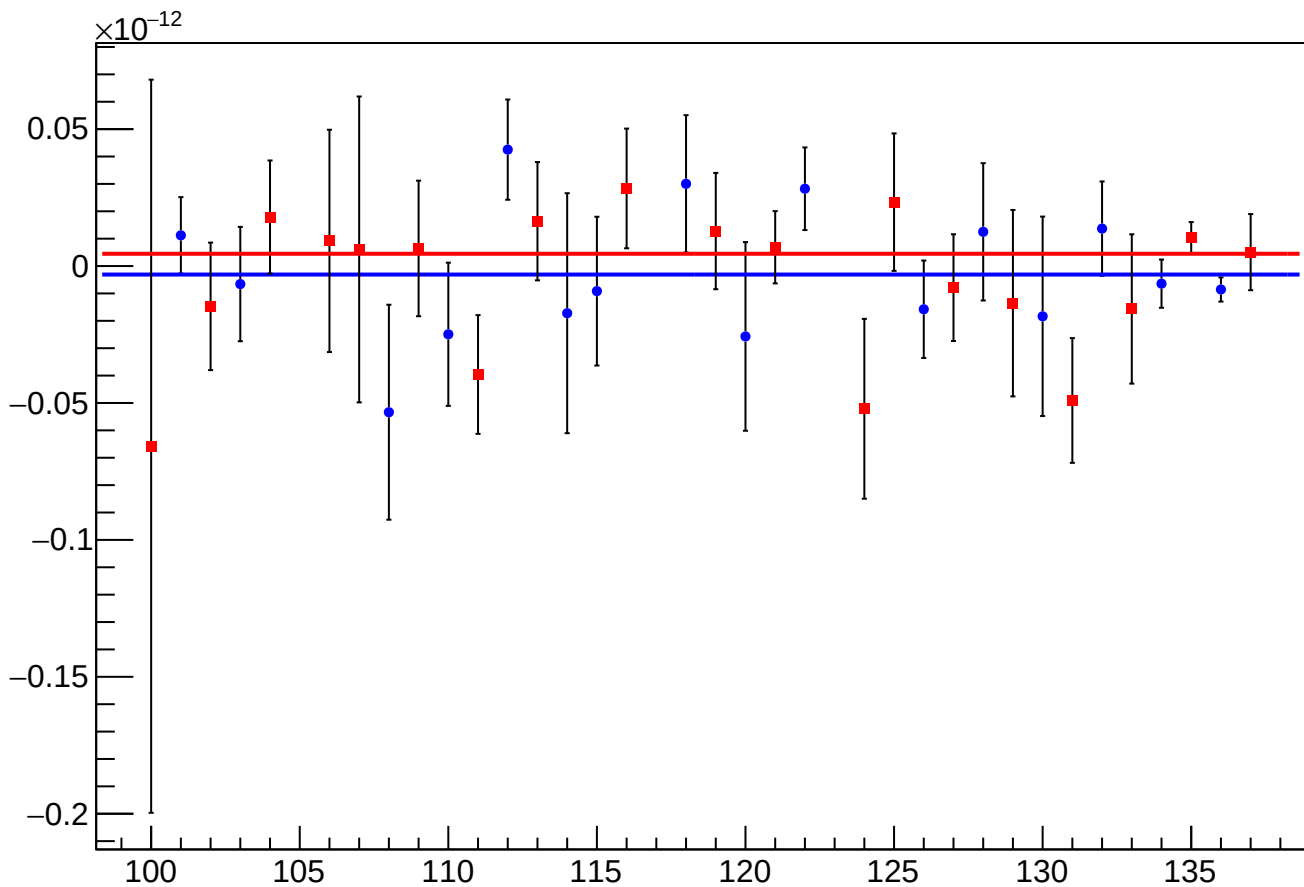
Right: 20.398+/-0.004 χ^2/NDF : 1571146.6/34

In: 20.521+/-0.006 χ^2/NDF : 705877.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.398+/-0.004 χ^2/NDF : 1571146.6/34

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 20.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

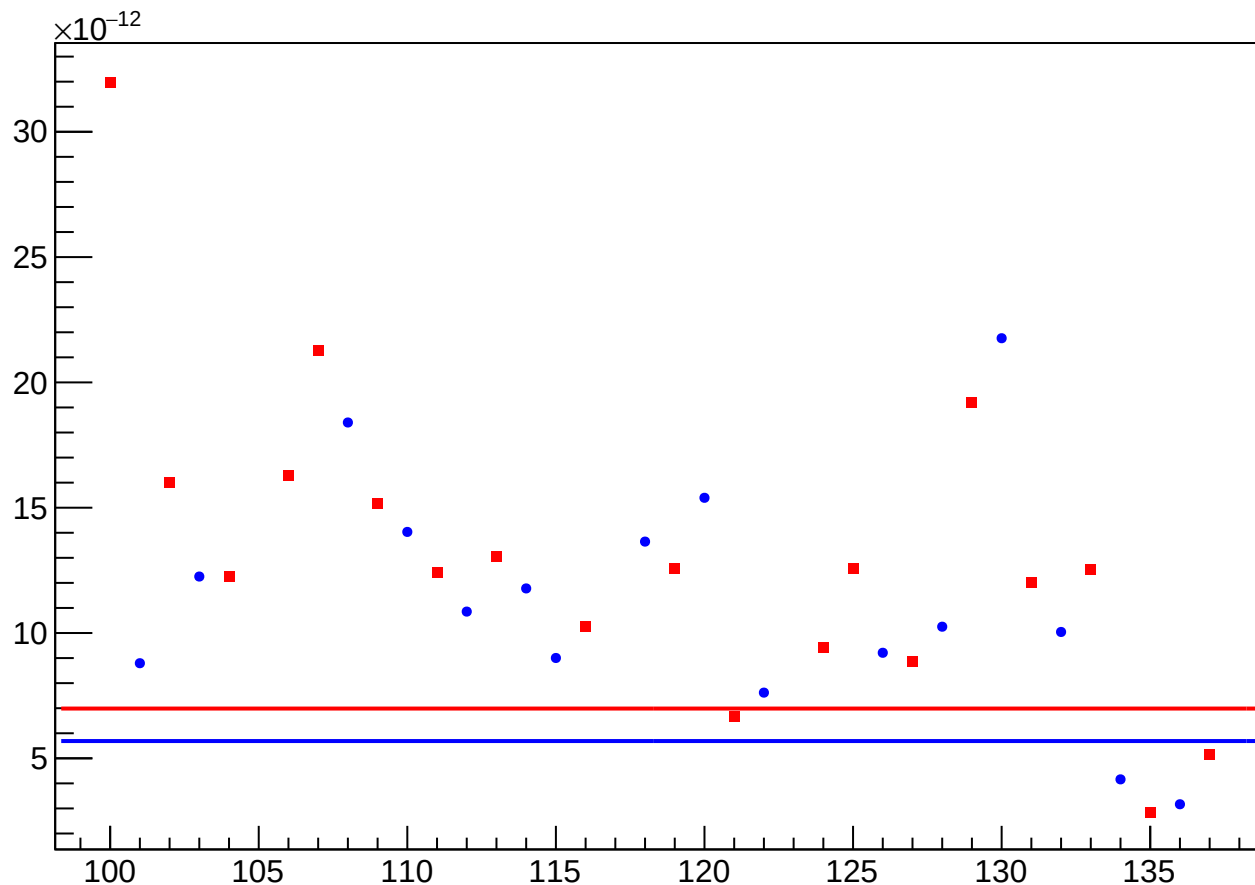
Right: 0.000+/-0.000 χ^2/NDF : 40.8/34

In: -0.000+/-0.000 χ^2/NDF : 20.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.8/34

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2705902.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3108073.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

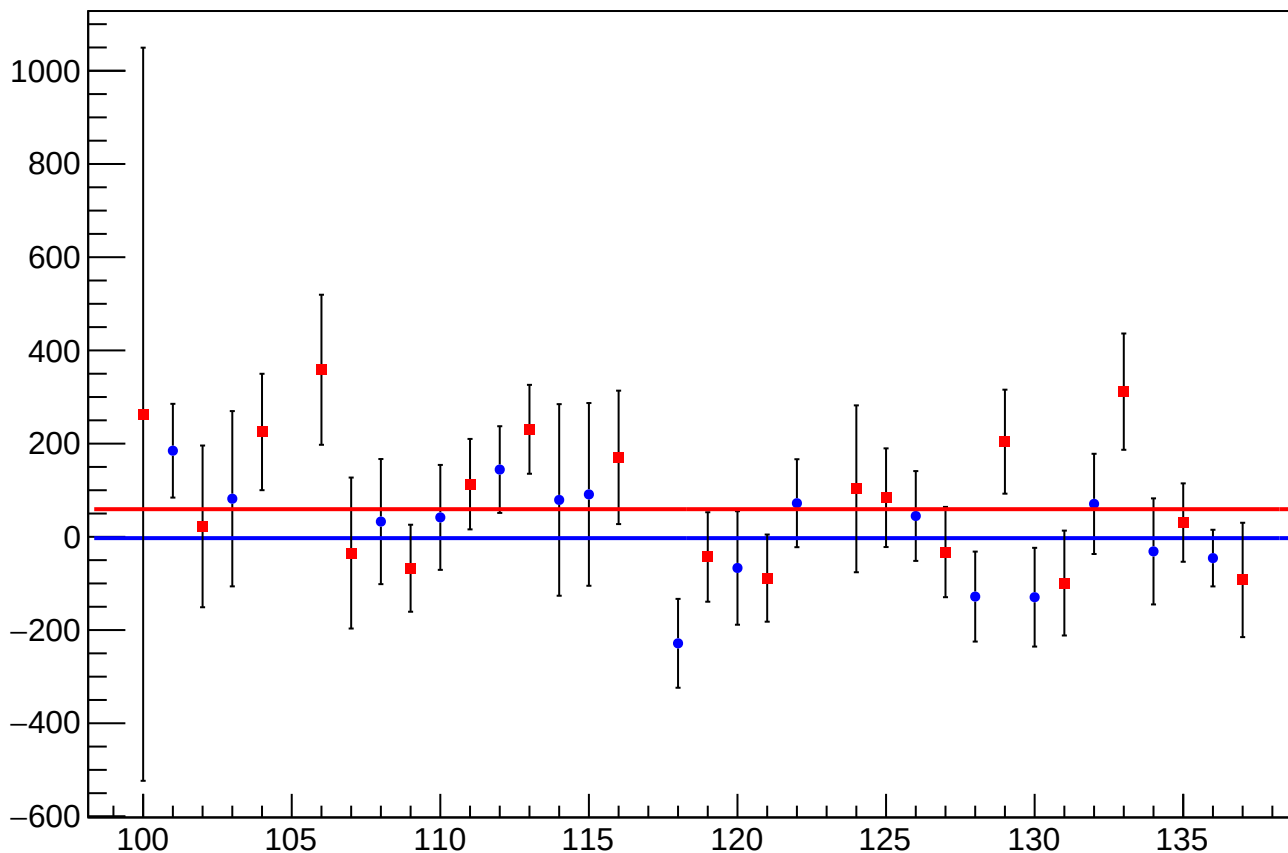
Right: 0.000+/-0.000 χ^2/NDF : 5945633.6/34

In: 0.000+/-0.000 χ^2/NDF : 2705902.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5945633.6/34

reg_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -2.766+/-26.213 χ^2/NDF : 17.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.349+/-26.382 χ^2/NDF : 25.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

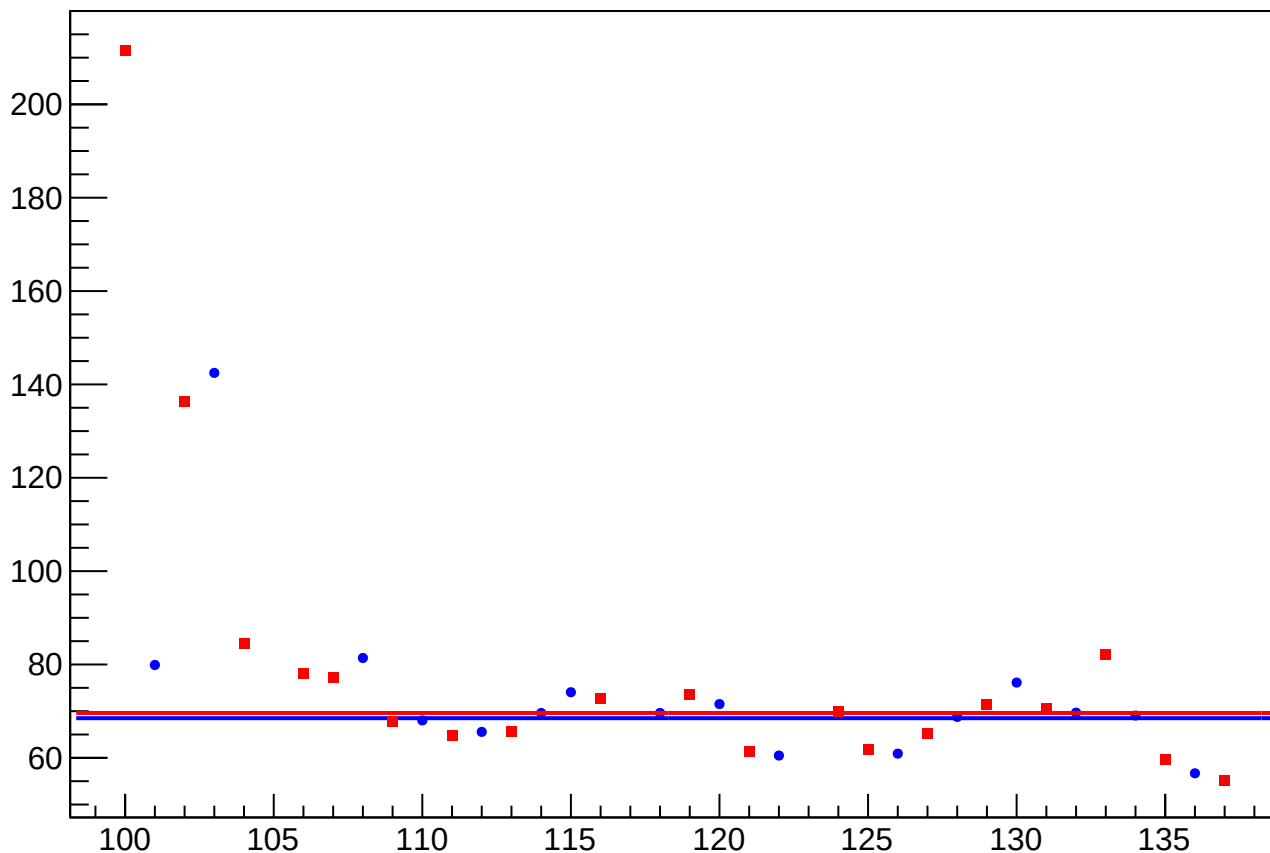
Right: 28.091+/-18.595 χ^2/NDF : 46.2/34

In: -2.766+/-26.213 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.091+/-18.595 χ^2/NDF : 46.2/34

reg_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 68.499+/-0.019 χ^2/NDF : 471865.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.620+/-0.019 χ^2/NDF : 520403.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

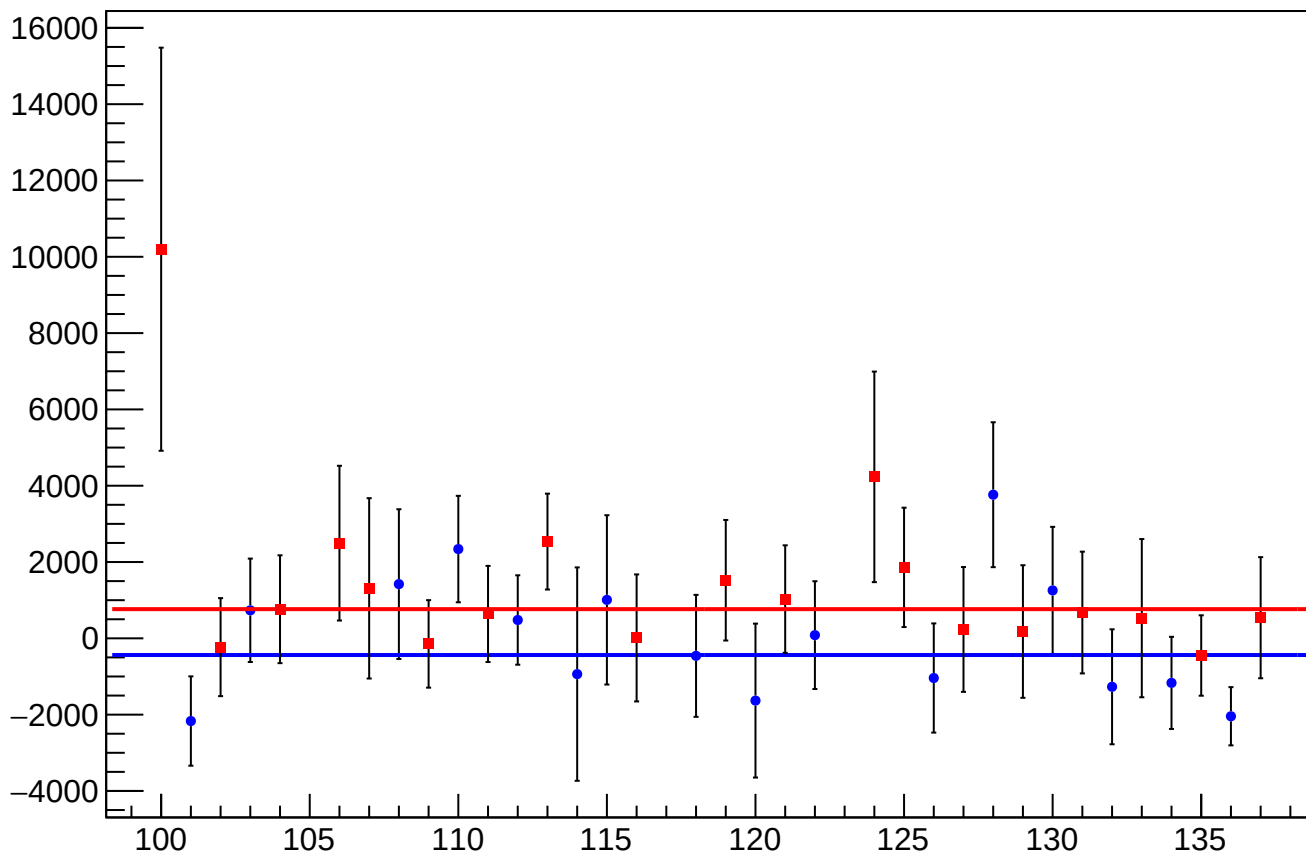
Right: 69.056+/-0.013 χ^2/NDF : 994086.4/34

In: 68.499+/-0.019 χ^2/NDF : 471865.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.056+/-0.013 χ^2/NDF : 994086.4/34

asym_sam_12345678_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -437.444+/-348.880 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 765.341+/-353.052 χ^2/NDF : 11.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

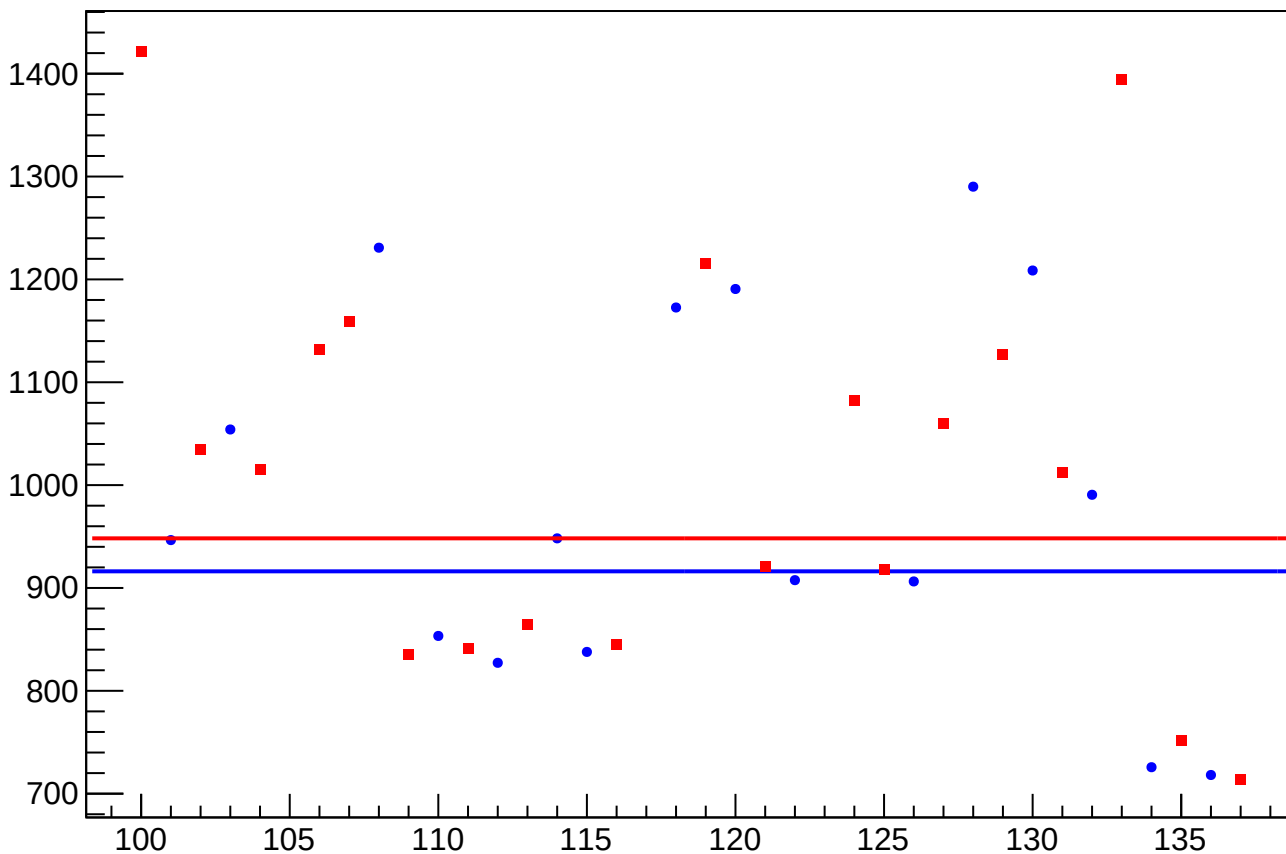
Right: 156.799+/-248.157 χ^2/NDF : 37.7/34

In: -437.444+/-348.880 χ^2/NDF : 20.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.799+/-248.157 χ^2/NDF : 37.7/34

asym_sam_12345678_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 916.171+/-0.247 χ^2/NDF : 509126.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 948.235+/-0.250 χ^2/NDF : 415192.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

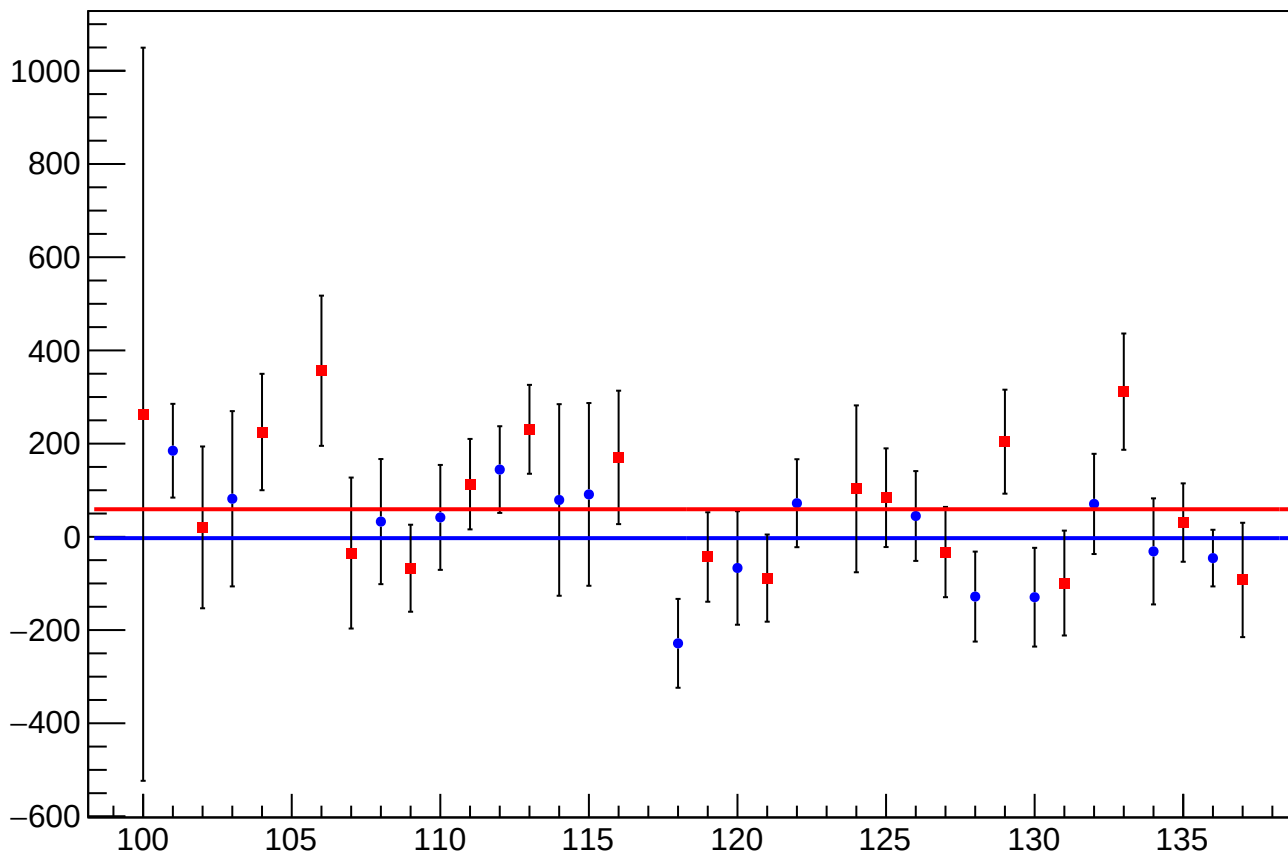
Right: 932.012+/-0.175 χ^2/NDF : 932665.3/34

In: 916.171+/-0.247 χ^2/NDF : 509126.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 932.012+/-0.175 χ^2/NDF : 932665.3/34

cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -2.773 ± 26.213 $\chi^2/\text{NDF}: 17.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 59.226 ± 26.384 $\chi^2/\text{NDF}: 25.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

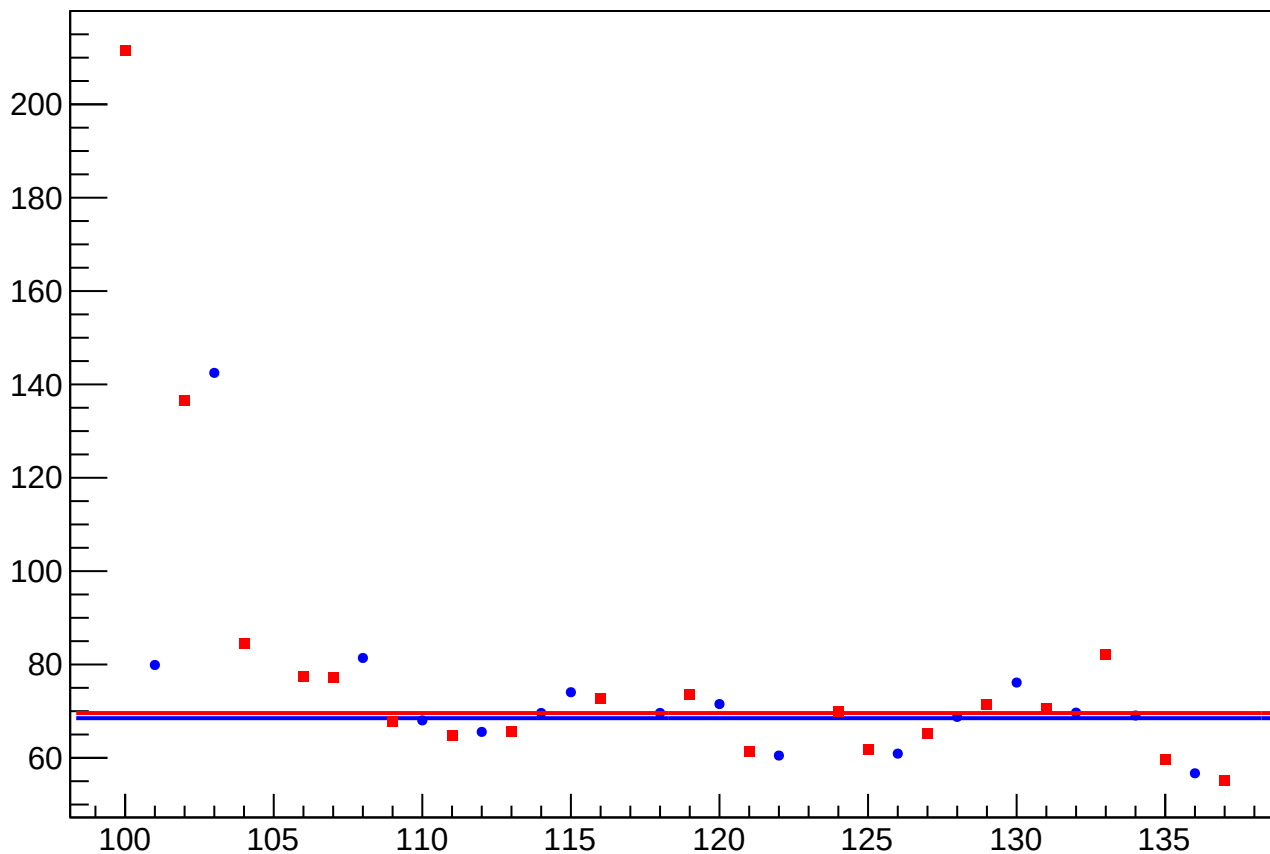
Right: 28.026 ± 18.595 $\chi^2/\text{NDF}: 46.1/34$

In: -2.773 ± 26.213 $\chi^2/\text{NDF}: 17.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 28.026 ± 18.595 $\chi^2/\text{NDF}: 46.1/34$

cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 68.499+/-0.019 χ^2/NDF : 471868.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.600+/-0.019 χ^2/NDF : 519788.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

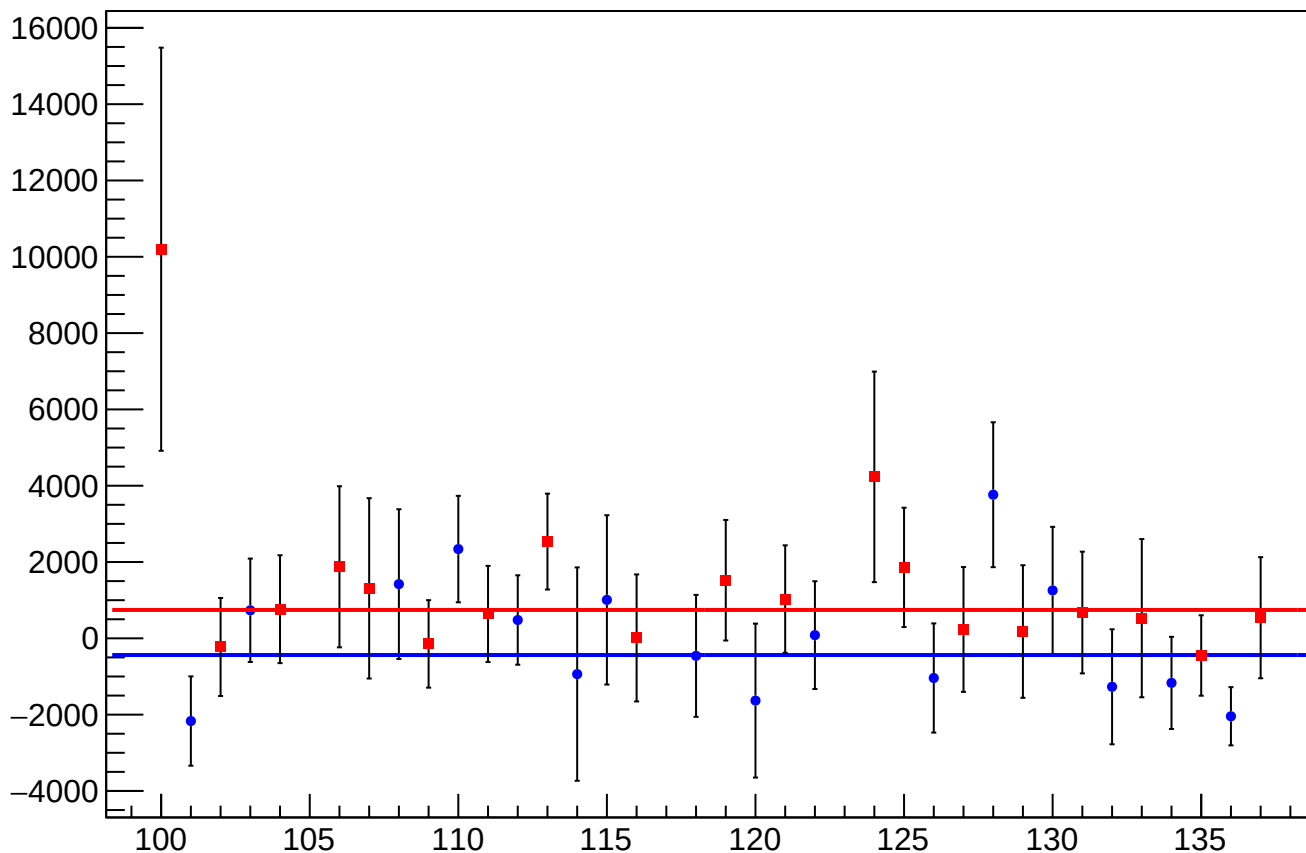
Right: 69.046+/-0.013 χ^2/NDF : 993412.6/34

In: 68.499+/-0.019 χ^2/NDF : 471868.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.046+/-0.013 χ^2/NDF : 993412.6/34

asym_sam_12345678_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -437.415+/-348.881 χ^2 /NDF: 20.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 744.388+/-353.488 χ^2 /NDF: 10.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

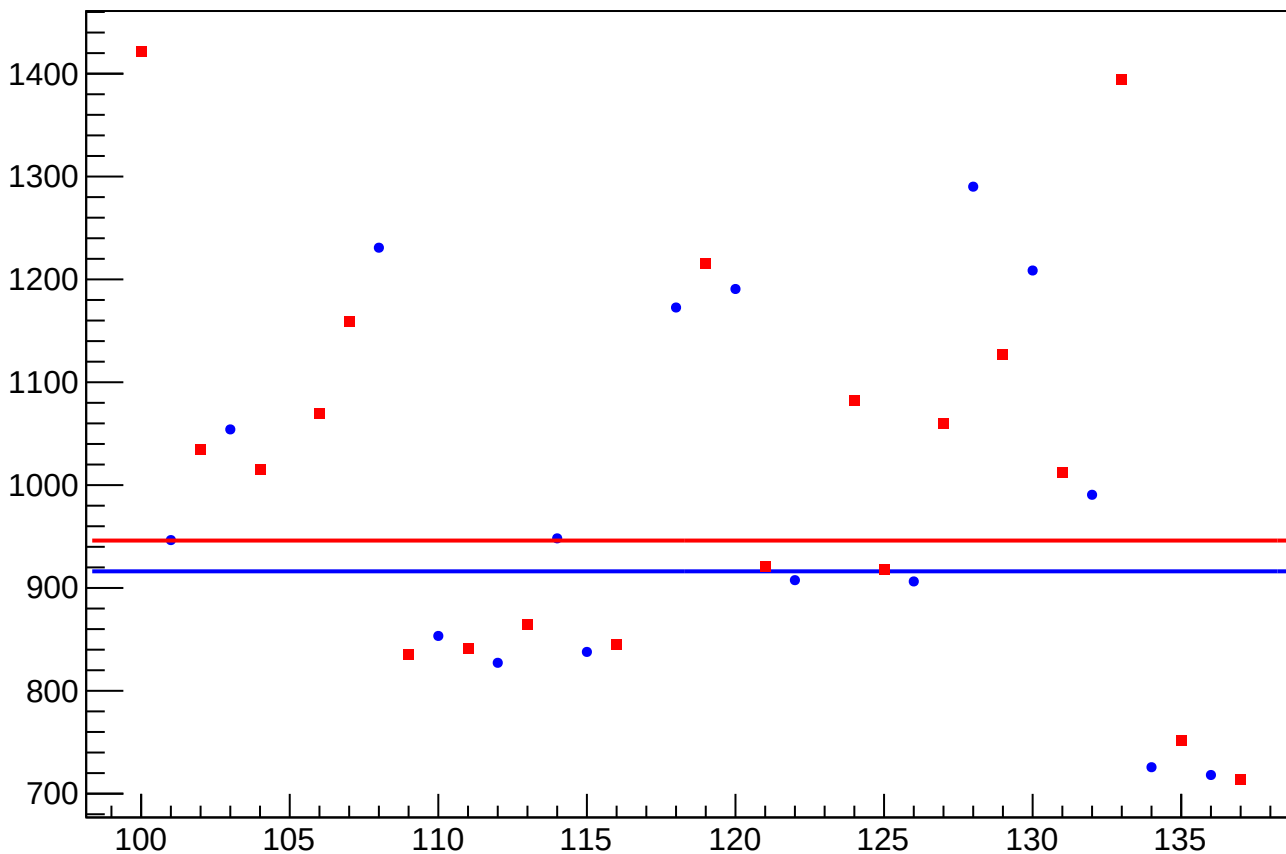
Right: 145.736+/-248.309 χ^2 /NDF: 37.1/34

In: -437.415+/-348.881 χ^2 /NDF:20.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 145.736+/-248.309 χ^2 /NDF: 37.1/34

asym_sam_12345678_avg_cor_correction_rms vs Slug, Sign Corrected



Right In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.093+/-0.250 χ^2/NDF : 405411.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

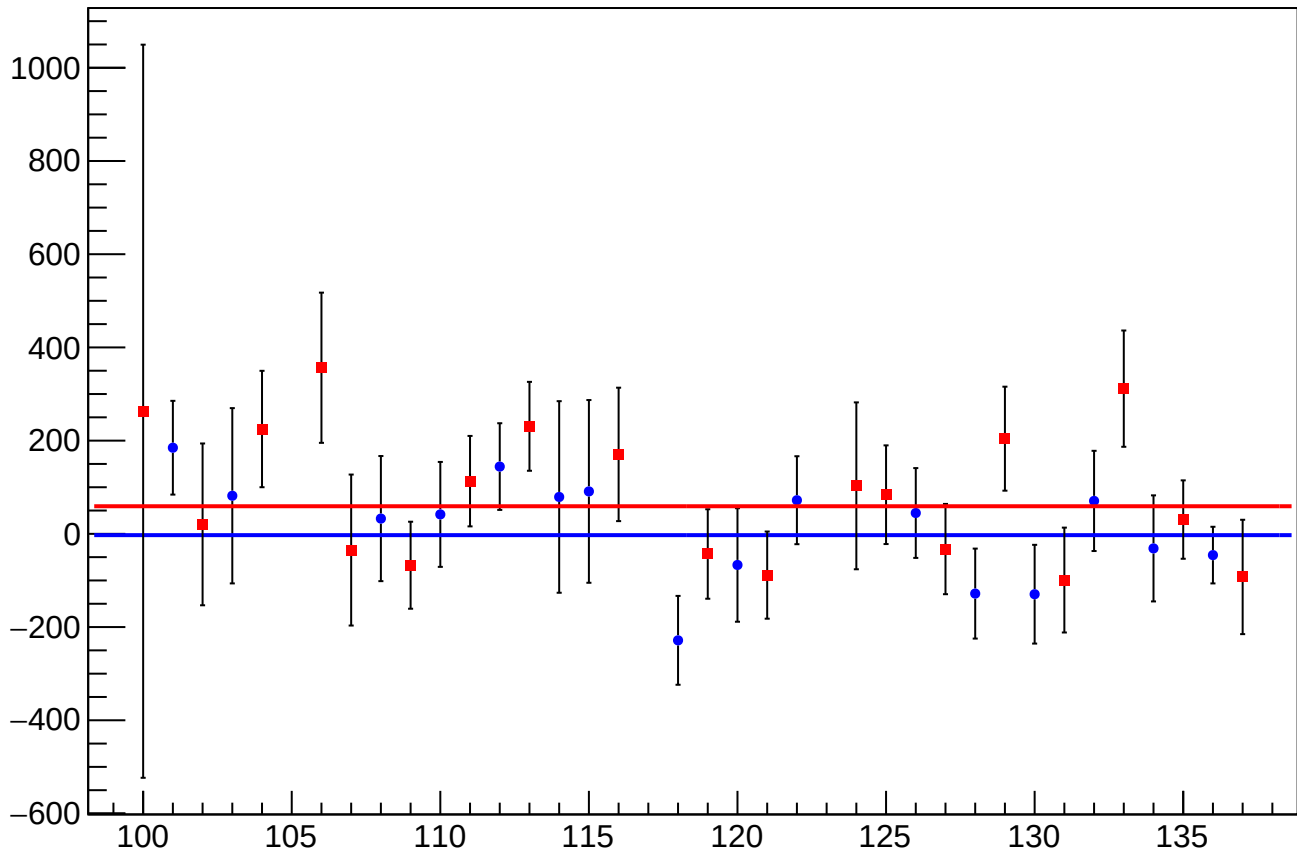
Right: 930.937+/-0.176 χ^2/NDF : 921817.9/34

In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.937+/-0.176 χ^2/NDF : 921817.9/34

eigen_cor_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: -2.773 ± 26.213 χ^2/NDF : 17.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 59.226 ± 26.384 χ^2/NDF : 25.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

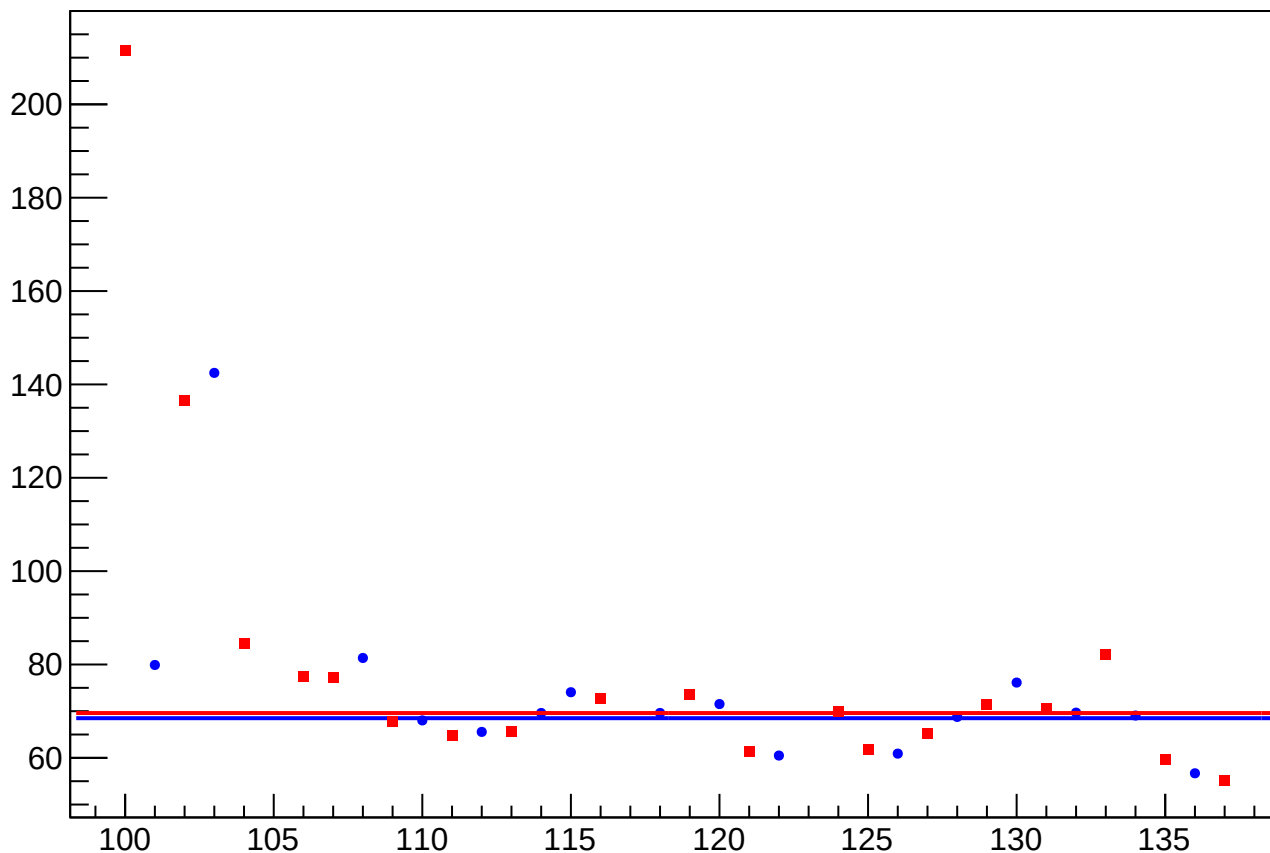
Right: 28.026 ± 18.595 χ^2/NDF : 46.1/34

In: -2.773 ± 26.213 χ^2/NDF : 17.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 28.026 ± 18.595 χ^2/NDF : 46.1/34

eigen_cor_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 68.499+/-0.019 χ^2/NDF : 471868.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.600+/-0.019 χ^2/NDF : 519788.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

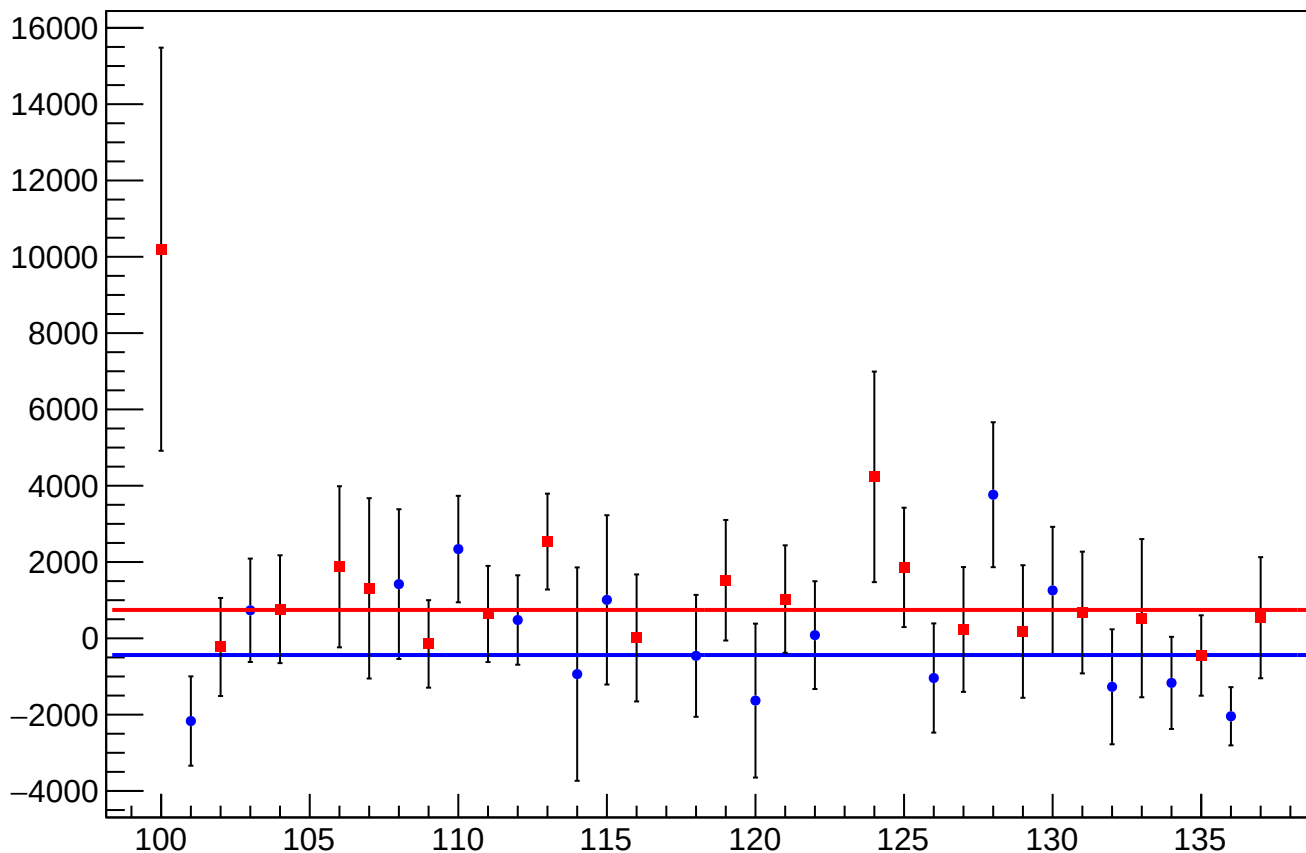
Right: 69.046+/-0.013 χ^2/NDF : 993412.6/34

In: 68.499+/-0.019 χ^2/NDF : 471868.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.046+/-0.013 χ^2/NDF : 993412.6/34

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -437.415+/-348.881 χ^2/NDF : 20.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 744.388+/-353.488 χ^2/NDF : 10.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

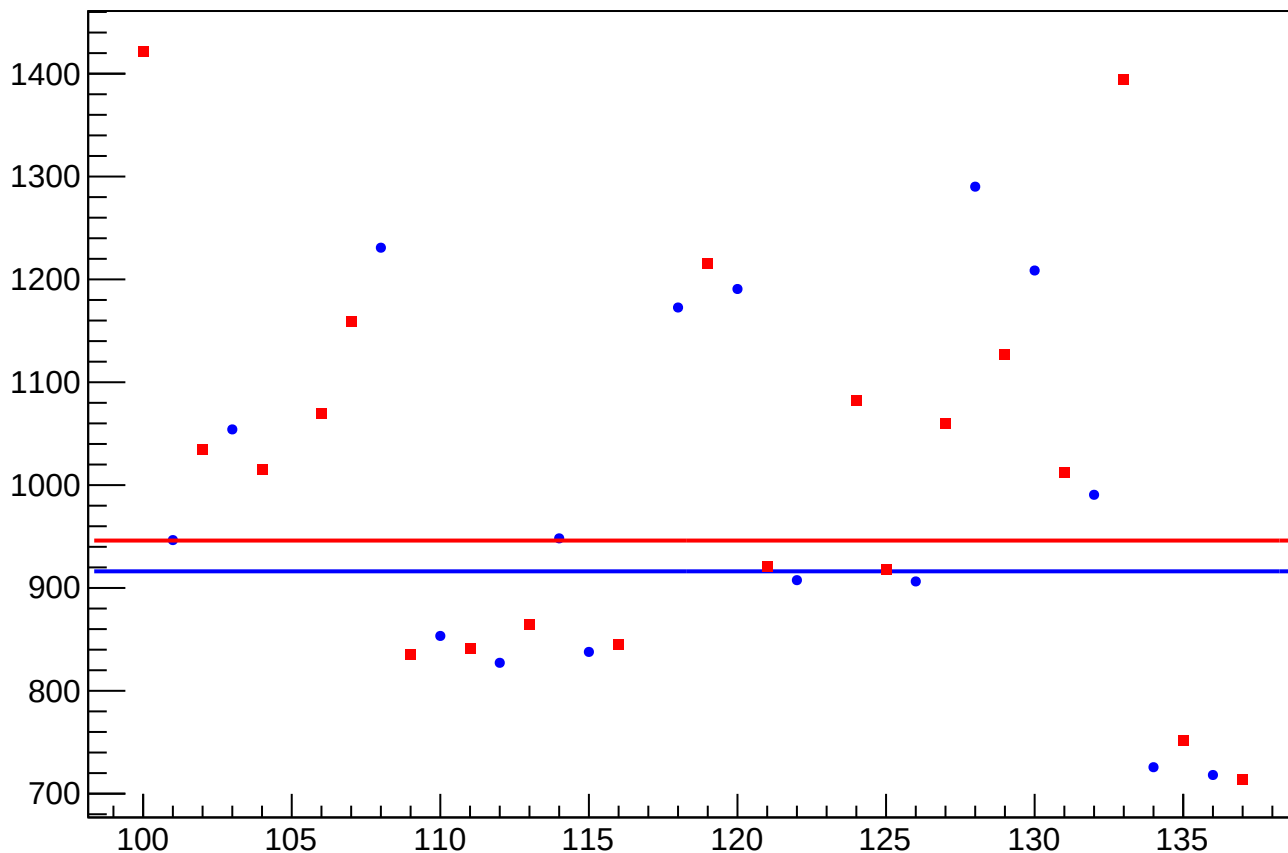
Right: 145.736+/-248.309 χ^2/NDF : 37.1/34

In: -437.415+/-348.881 χ^2/NDF : 20.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 145.736+/-248.309 χ^2/NDF : 37.1/34

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 946.093+/-0.250 χ^2/NDF : 405411.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

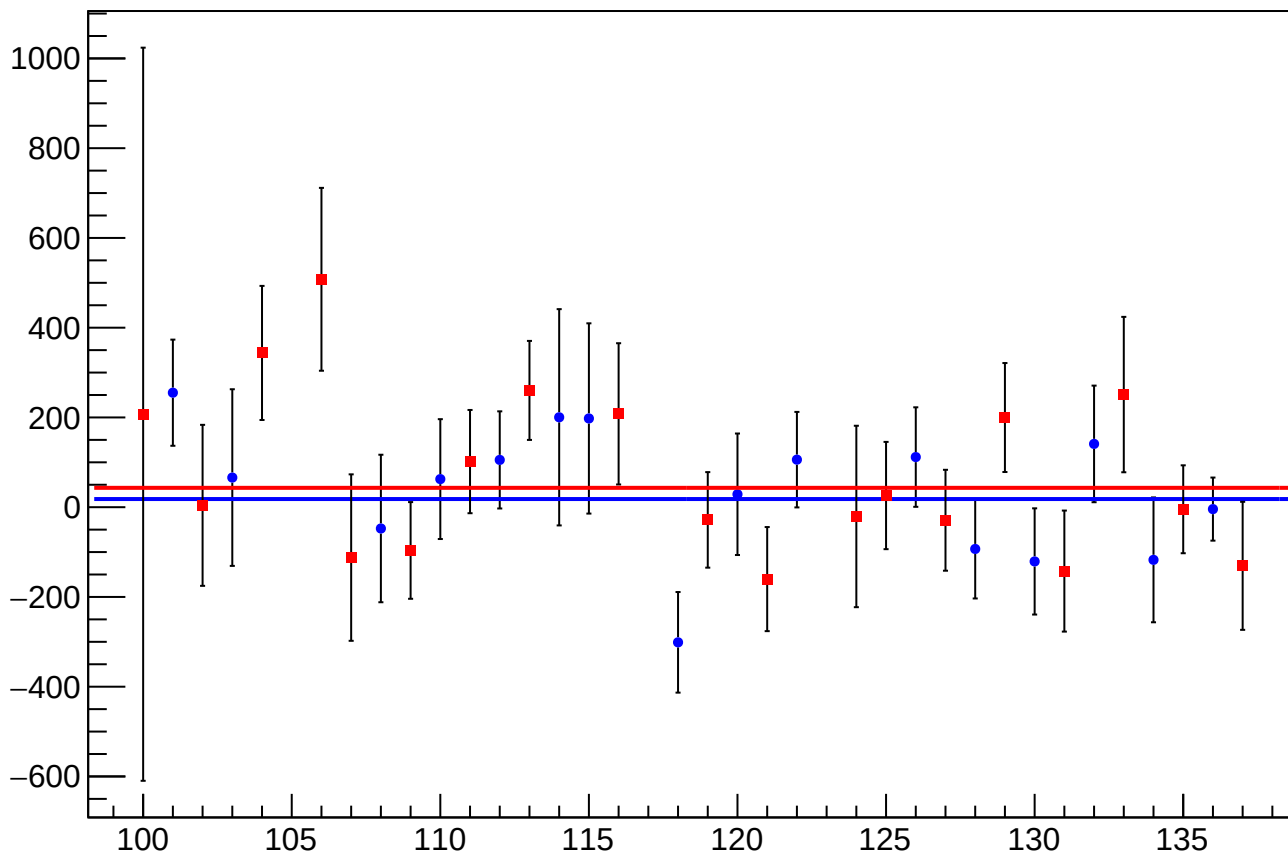
Right: 930.937+/-0.176 χ^2/NDF : 921817.9/34

In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 930.937+/-0.176 χ^2/NDF : 921817.9/34

dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.146+/-30.707 χ^2/NDF : 27.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

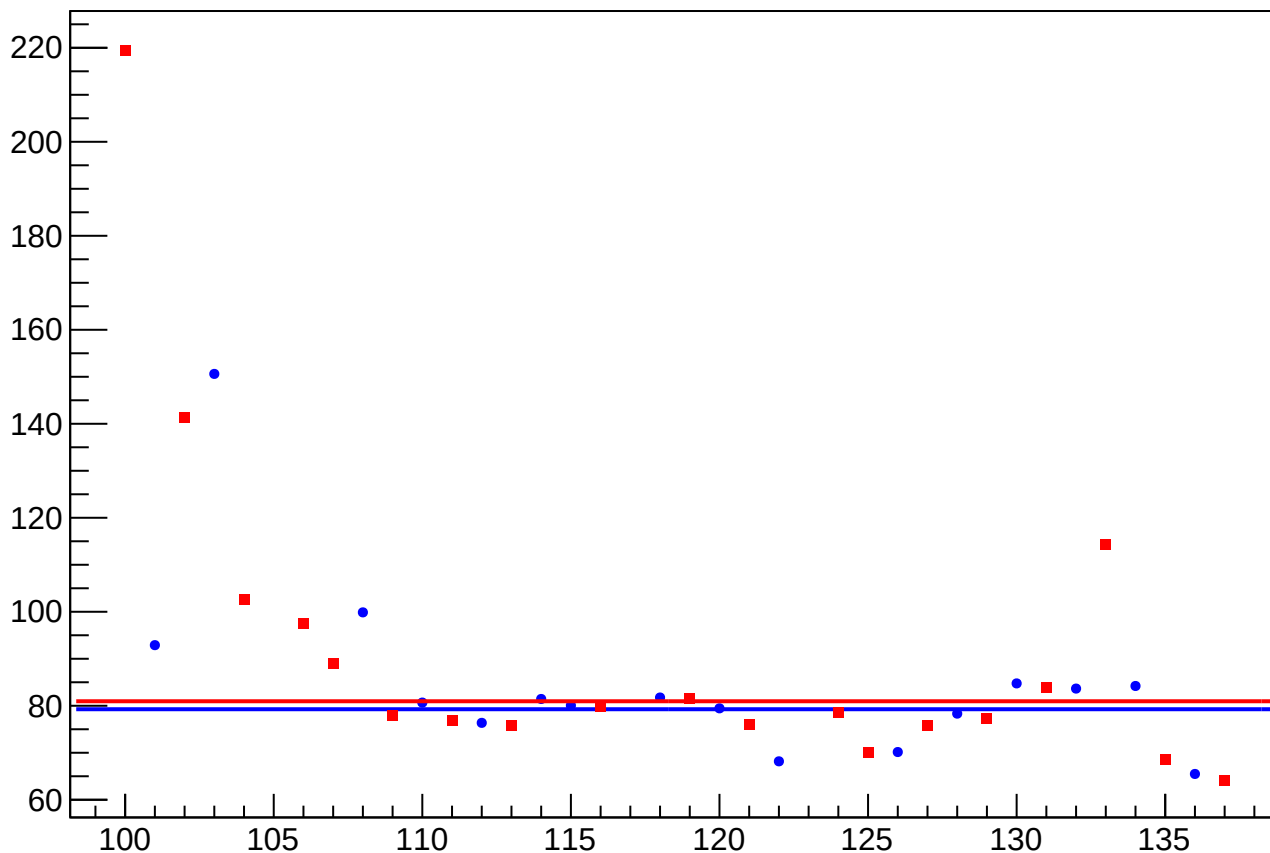
Right: 30.513+/-21.585 χ^2/NDF : 48.2/34

In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.513+/-21.585 χ^2/NDF : 48.2/34

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.263+/-0.021 χ^2/NDF : 444951.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.958+/-0.022 χ^2/NDF : 514182.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

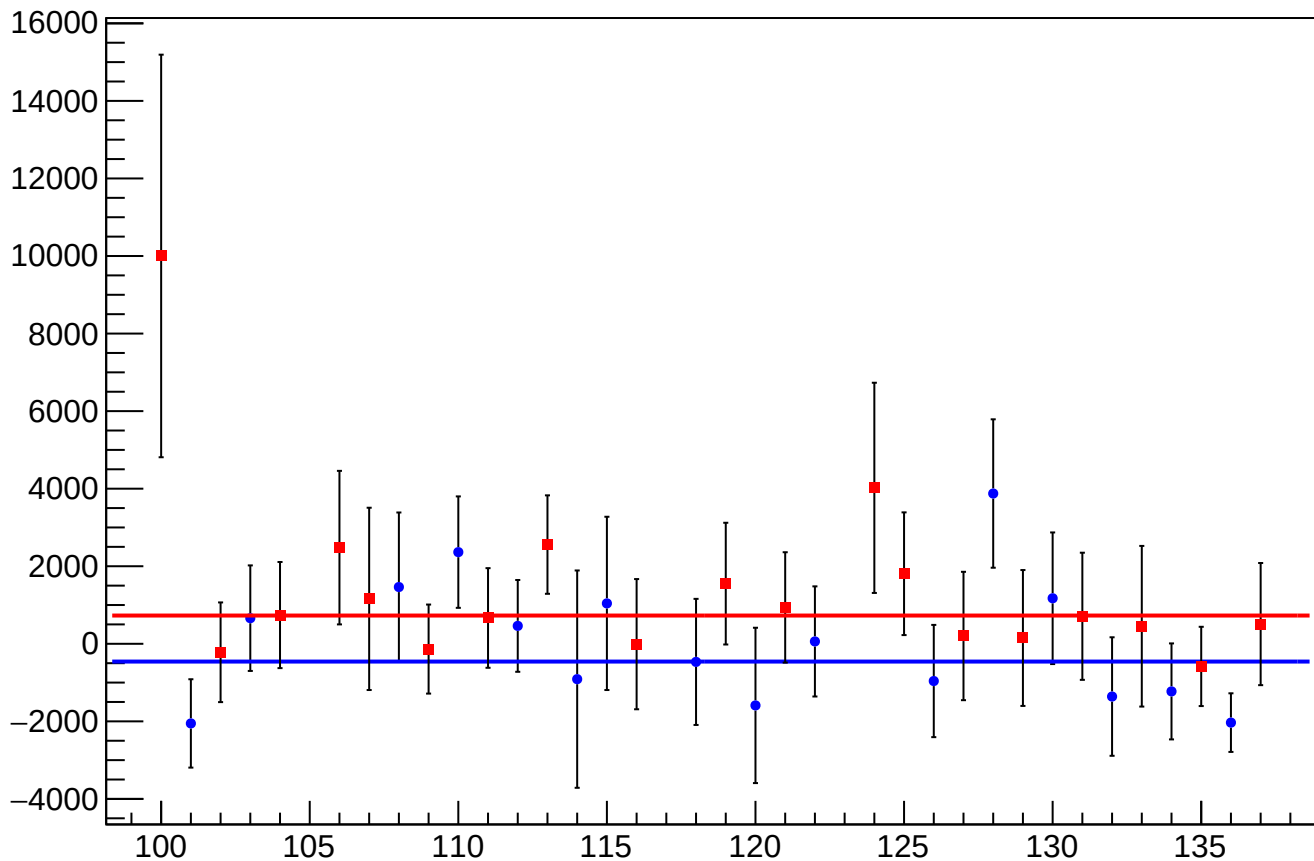
Right: 80.101+/-0.015 χ^2/NDF : 962217.4/34

In: 79.263+/-0.021 χ^2/NDF : 444951.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.101+/-0.015 χ^2/NDF : 962217.4/34

asym_sam_12345678_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.108+/-350.075 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 728.750+/-352.574 χ^2/NDF : 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

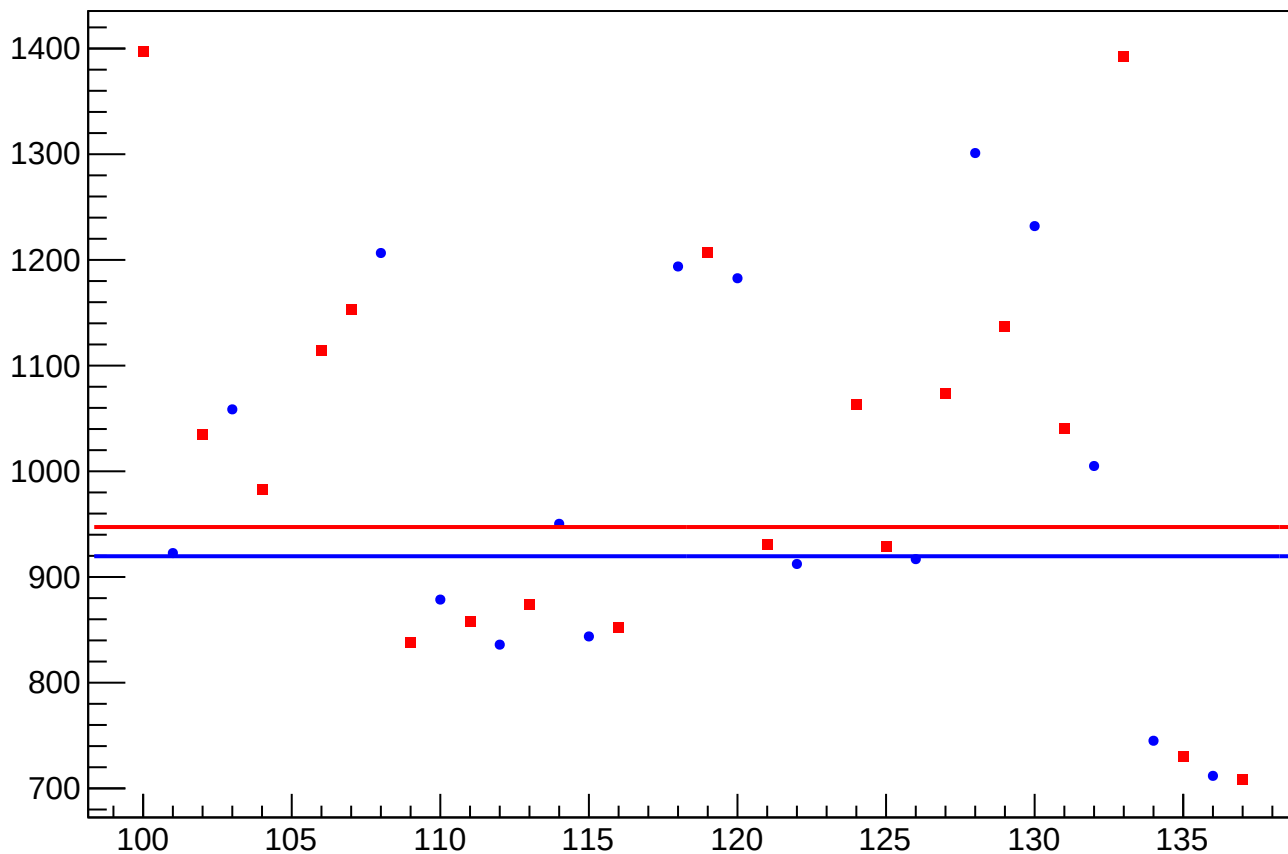
Right: 131.100+/-248.419 χ^2/NDF : 37.5/34

In: -458.108+/-350.075 χ^2/NDF :20.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.100+/-248.419 χ^2/NDF : 37.5/34

asym_sam_12345678_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.638+/-0.248 χ^2/NDF : 515443.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 947.272+/-0.249 χ^2/NDF : 425563.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

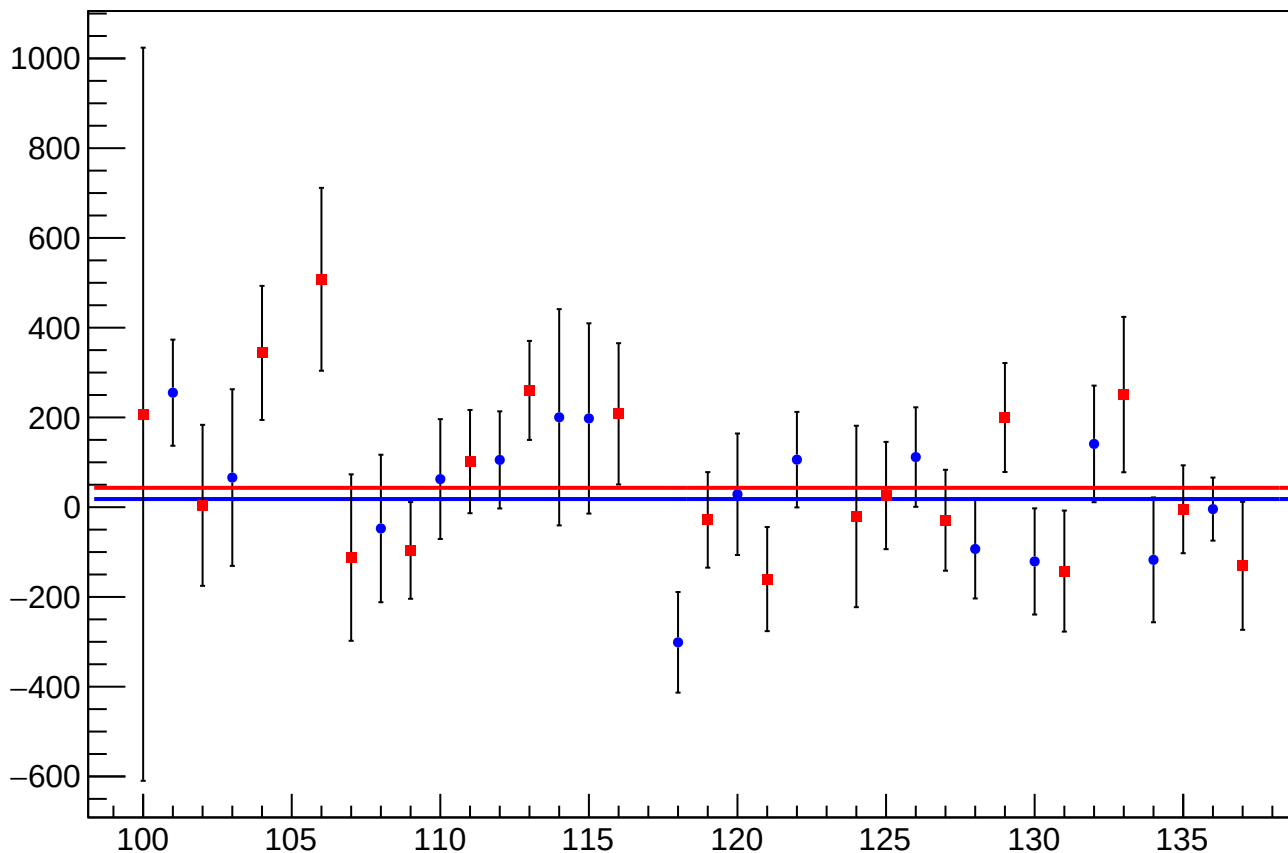
Right: 933.357+/-0.176 χ^2/NDF : 947194.3/34

In: 919.638+/-0.248 χ^2/NDF : 515443.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 933.357+/-0.176 χ^2/NDF : 947194.3/34

eigen_dit_asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.144+/-30.707 χ^2/NDF : 27.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

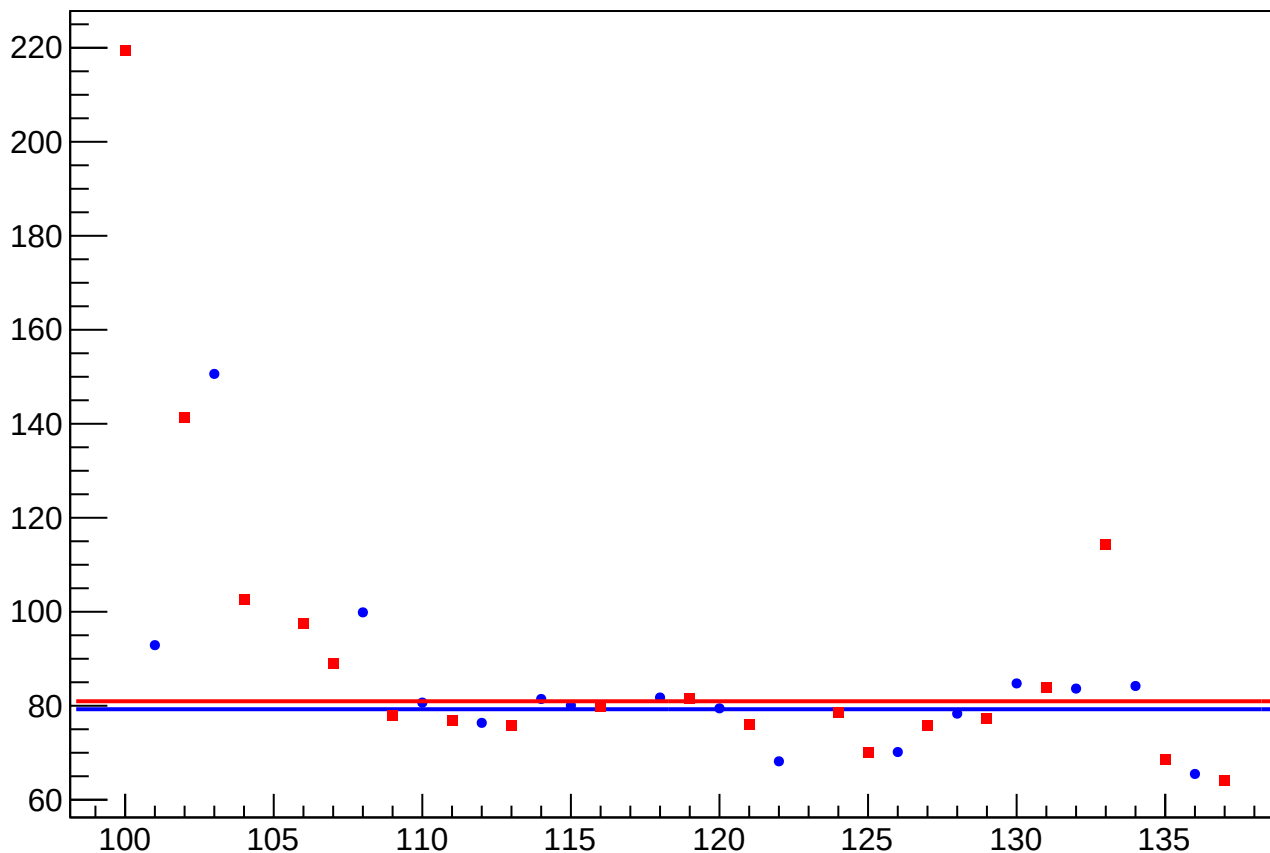
Right: 30.512+/-21.584 χ^2/NDF : 48.2/34

In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.512+/-21.584 χ^2/NDF : 48.2/34

eigen_dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.263+/-0.021 χ^2/NDF : 444948.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 80.958+/-0.022 χ^2/NDF : 514191.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

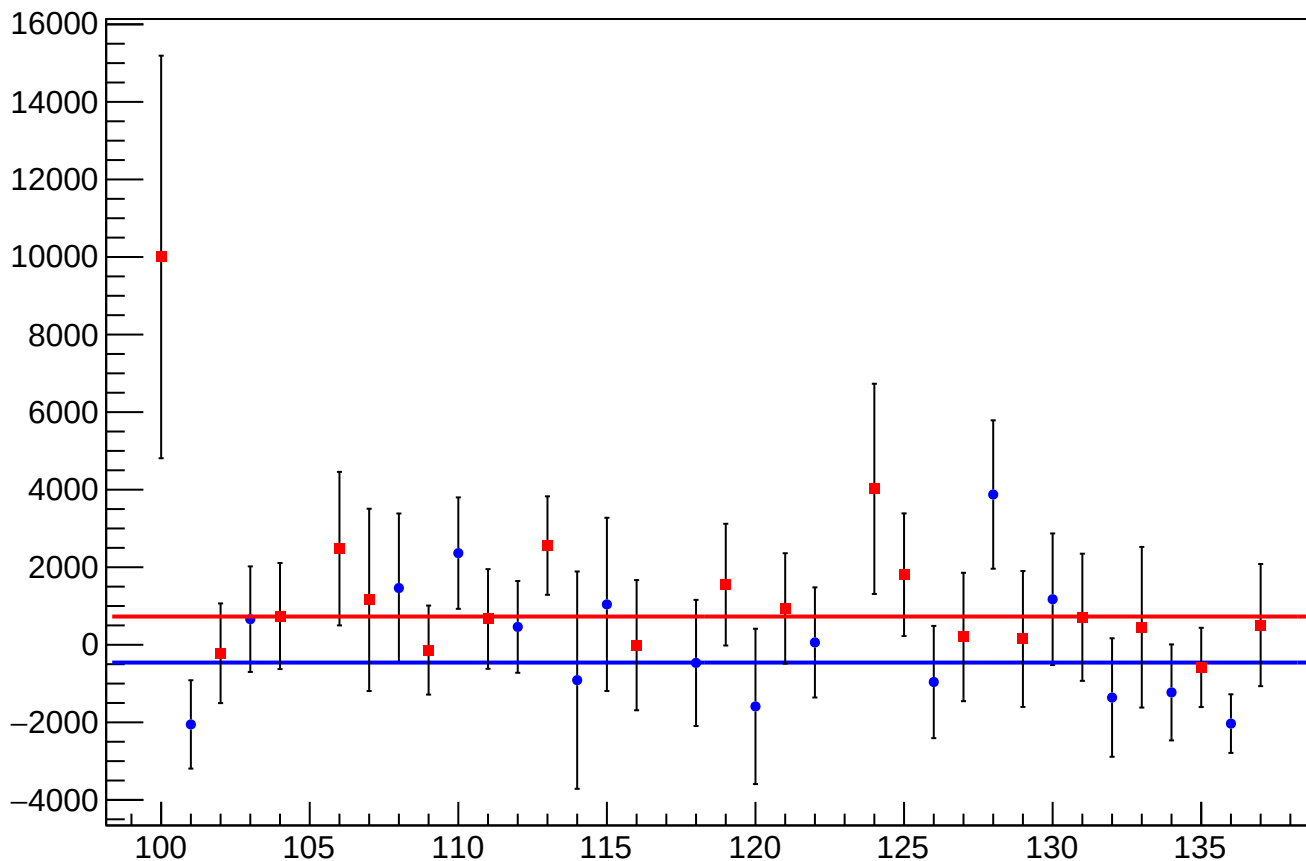
Right: 80.100+/-0.015 χ^2/NDF : 962223.7/34

In: 79.263+/-0.021 χ^2/NDF :444948.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 80.100+/-0.015 χ^2/NDF : 962223.7/34

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -458.104+/-350.074 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 728.749+/-352.573 χ^2/NDF : 11.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

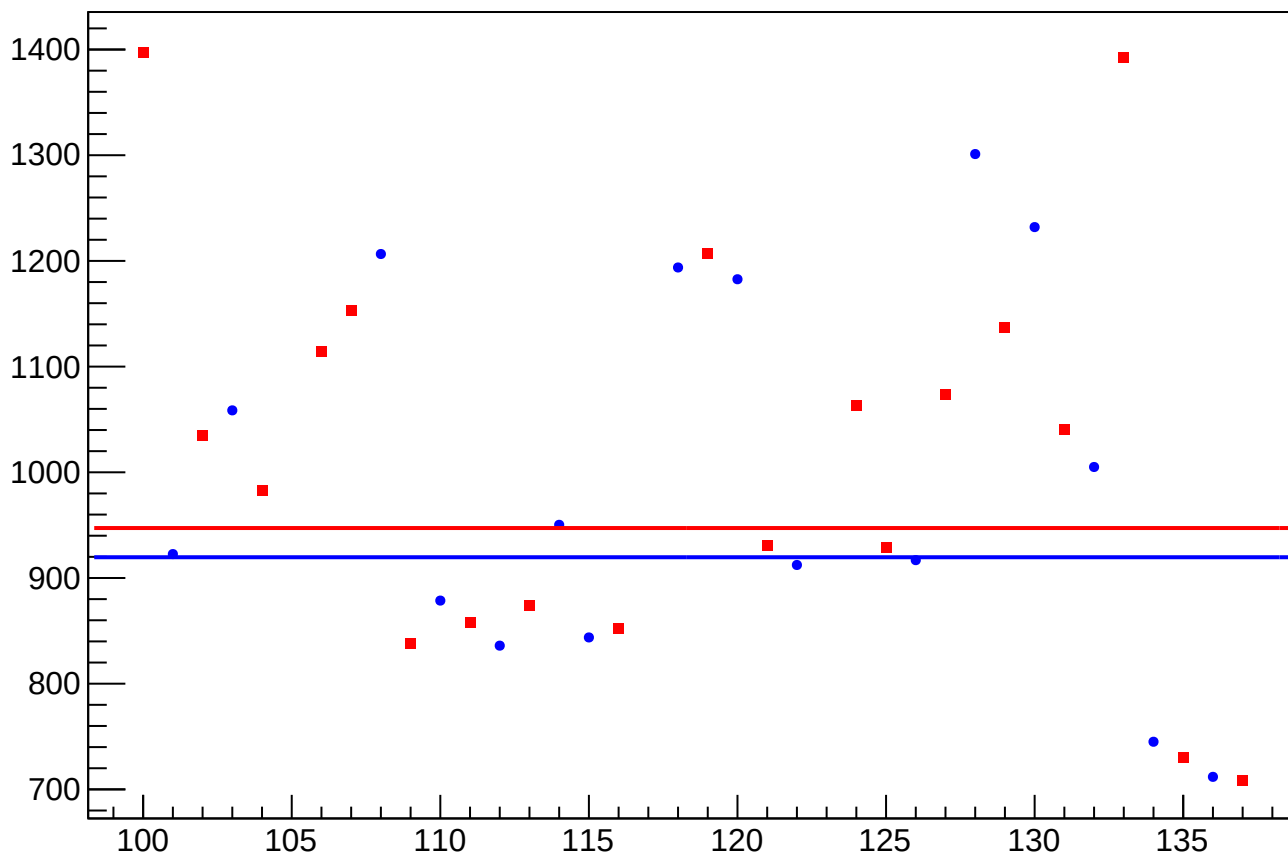
Right: 131.102+/-248.419 χ^2/NDF : 37.5/34

In: -458.104+/-350.074 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.102+/-248.419 χ^2/NDF : 37.5/34

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 919.636+/-0.248 χ^2/NDF : 515443.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 947.270+/-0.249 χ^2/NDF : 425565.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

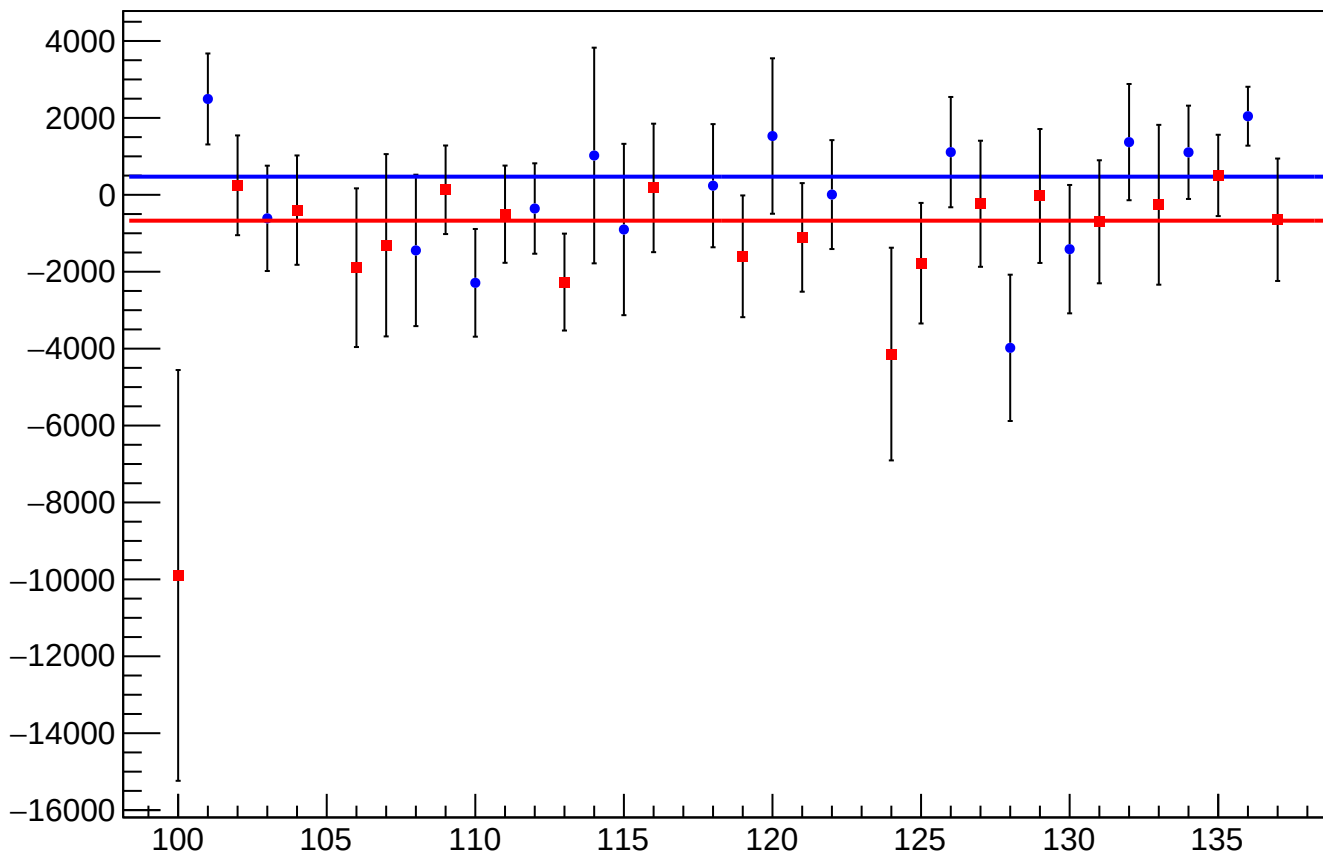
Right: 933.355+/-0.176 χ^2/NDF : 947195.7/34

In: 919.636+/-0.248 χ^2/NDF :515443.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 933.355+/-0.176 χ^2/NDF : 947195.7/34

asym_sam_12345678_avg_mean vs Slug, Sign Corrected



Right In: 472.014+/-350.376 χ^2/NDF : 21.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -672.537+/-354.512 χ^2/NDF : 10.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

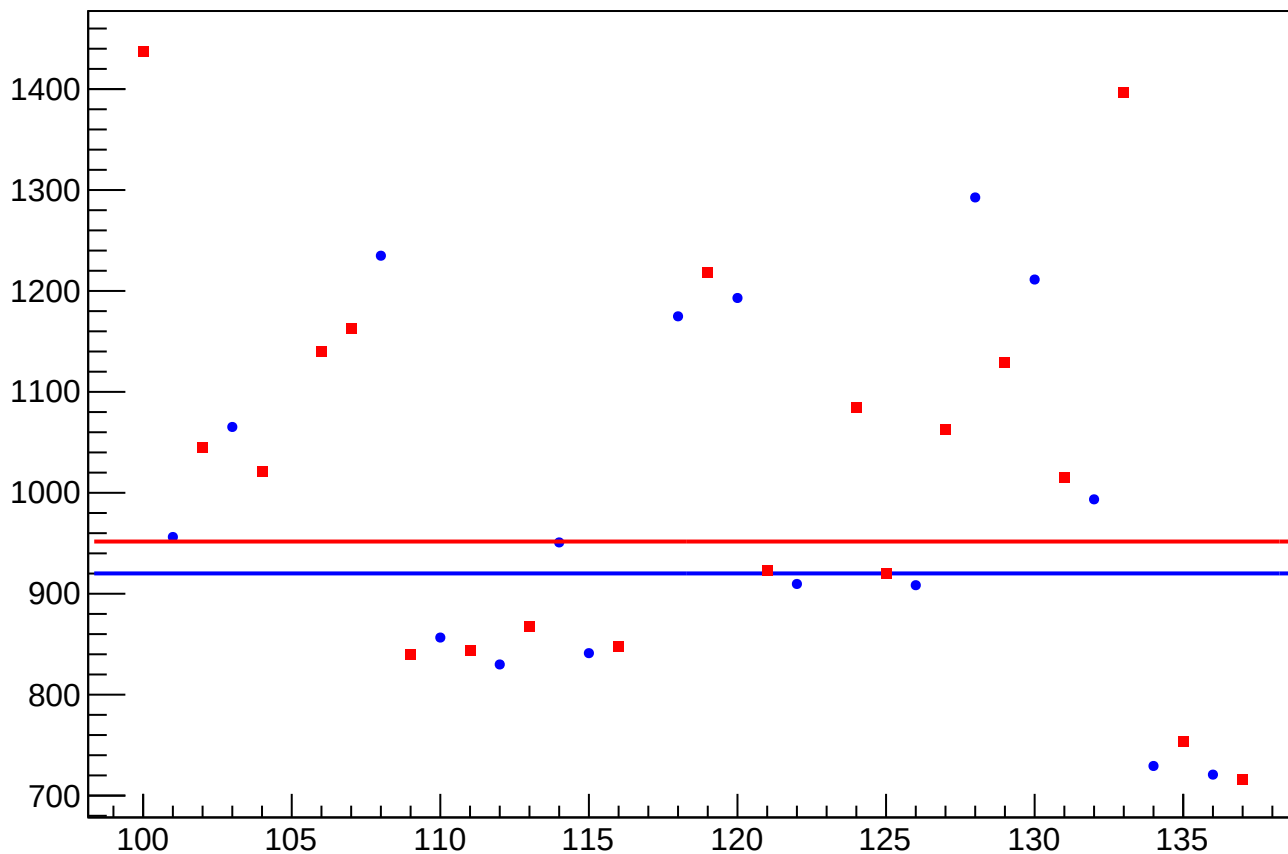
Right: -93.545+/-249.203 χ^2/NDF : 37.1/34

In: 472.014+/-350.376 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -93.545+/-249.203 χ^2/NDF : 37.1/34

asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 920.125+/-0.248 χ^2/NDF : 508678.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 951.726+/-0.251 χ^2/NDF : 416116.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

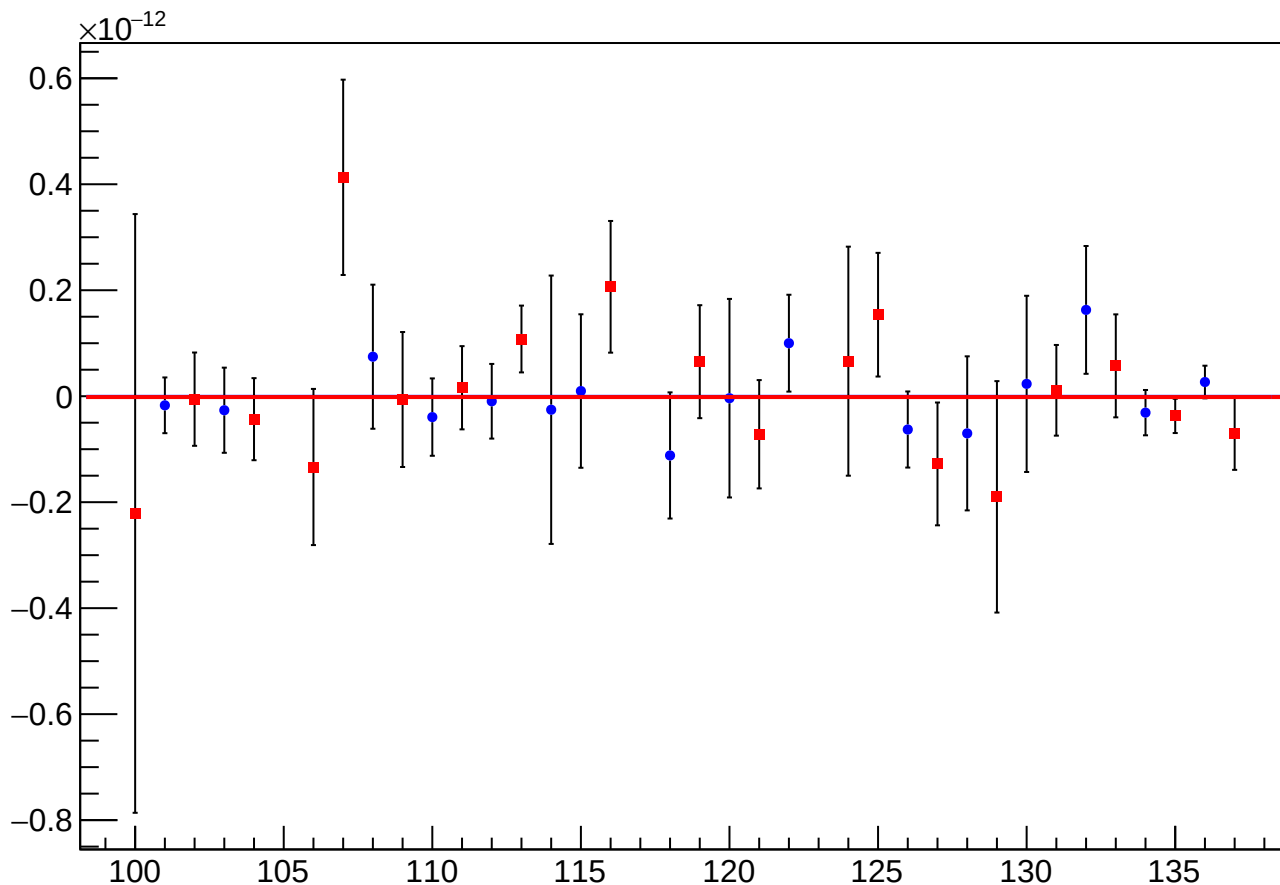
Right: 935.740+/-0.176 χ^2/NDF : 932834.0/34

In: 920.125+/-0.248 χ^2/NDF :508678.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 935.740+/-0.176 χ^2/NDF : 932834.0/34

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 7.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 19.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

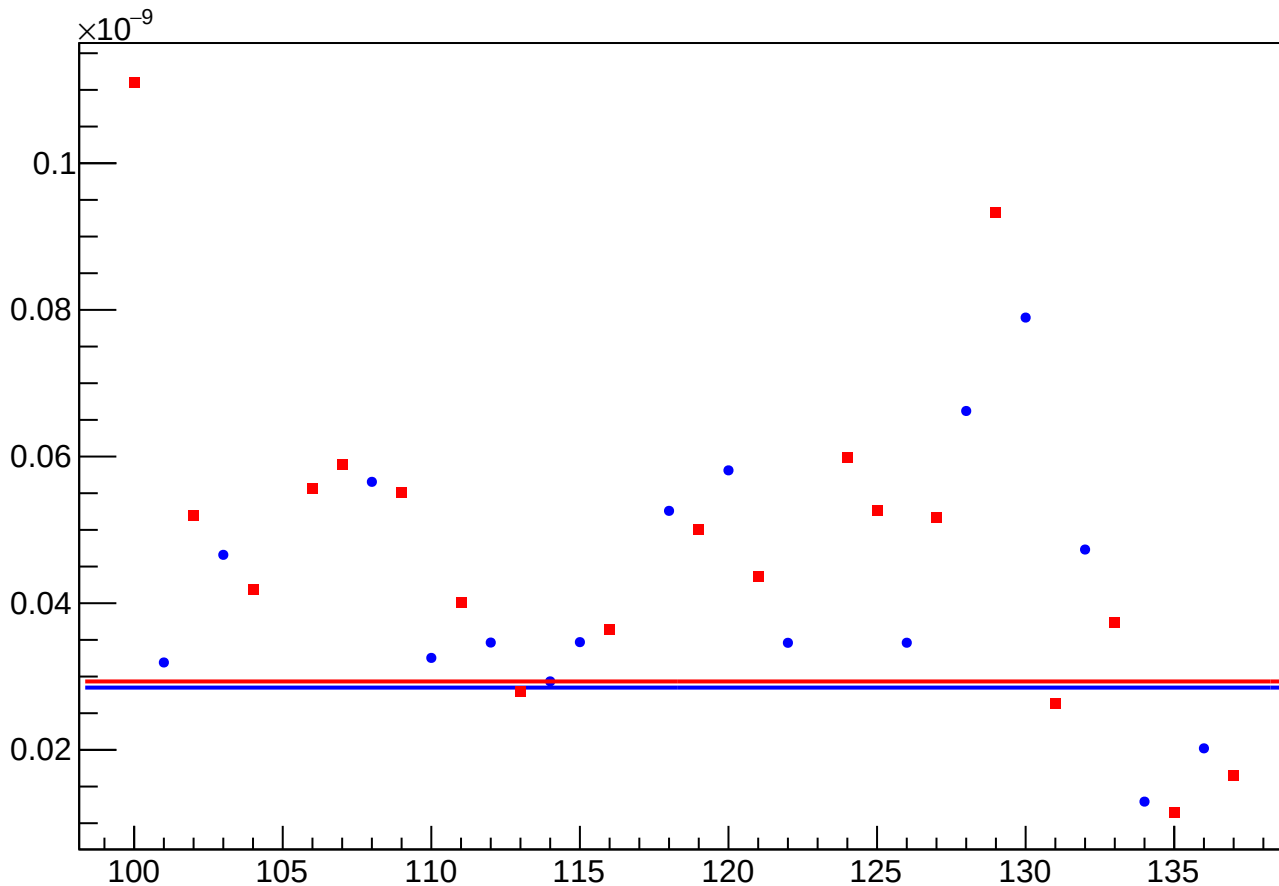
Right: -0.000+/-0.000 χ^2/NDF : 26.5/34

In: -0.000+/-0.000 χ^2/NDF : 7.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.5/34

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 1152293.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1645968.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

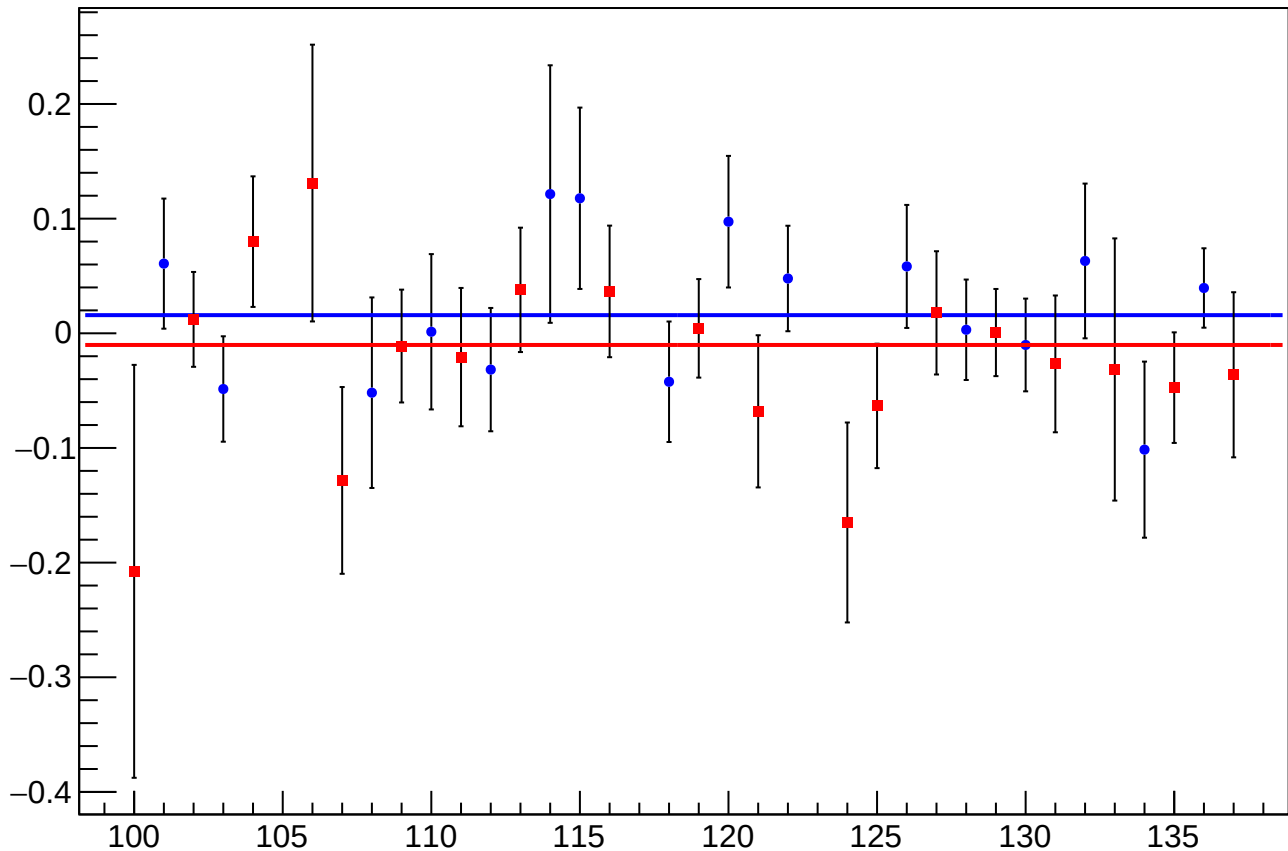
Right: 0.000+/-0.000 χ^2/NDF : 2800314.7/34

In: 0.000+/-0.000 χ^2/NDF : 1152293.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2800314.7/34

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.013 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

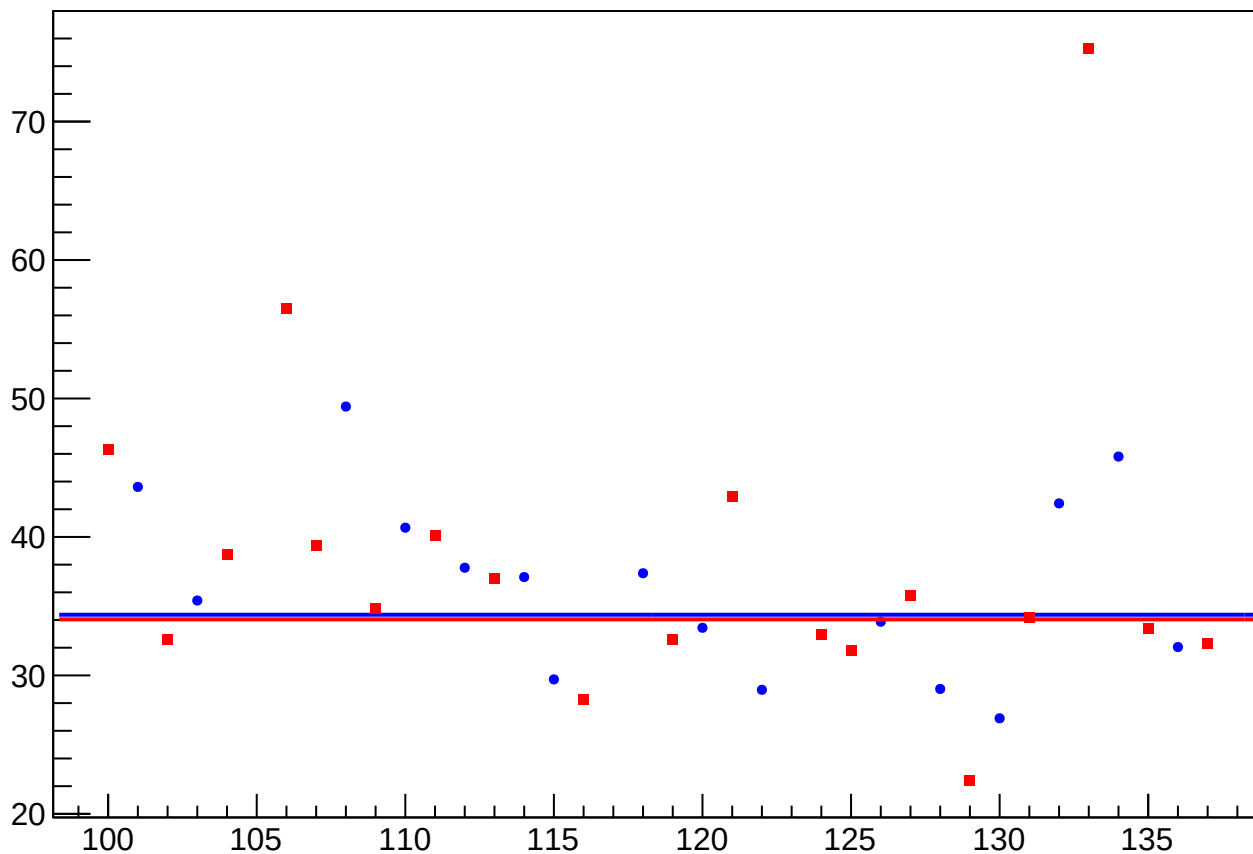
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

In: 0.016 $\pm$ 0.013 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.382 $\pm$ 0.009 χ^2 /NDF: 367883.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.047 $\pm$ 0.009 χ^2 /NDF: 642697.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

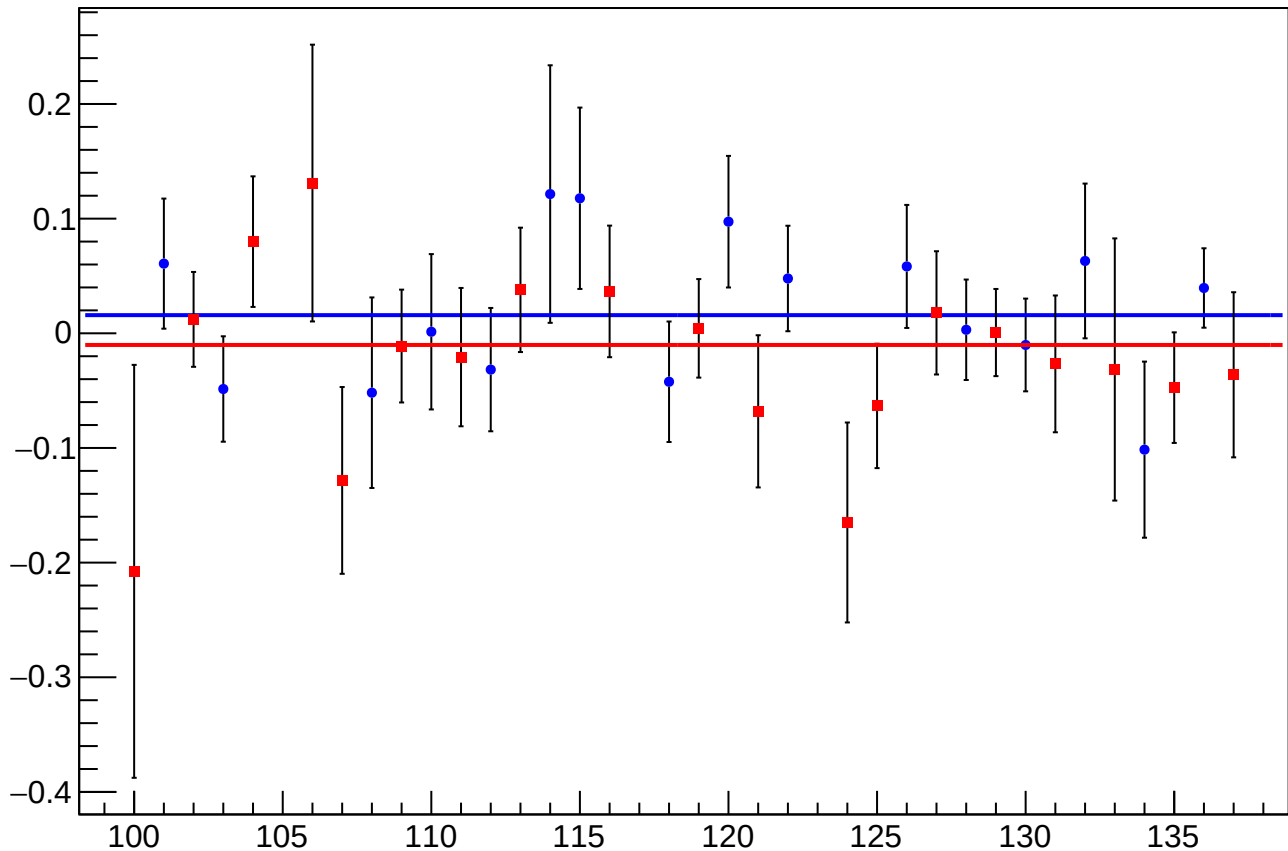
Right: 34.212 $\pm$ 0.007 χ^2 /NDF: 1011212.4/34

In: 34.382 $\pm$ 0.009 χ^2 /NDF: 367883.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.212 $\pm$ 0.007 χ^2 /NDF: 1011212.4/34

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.013 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

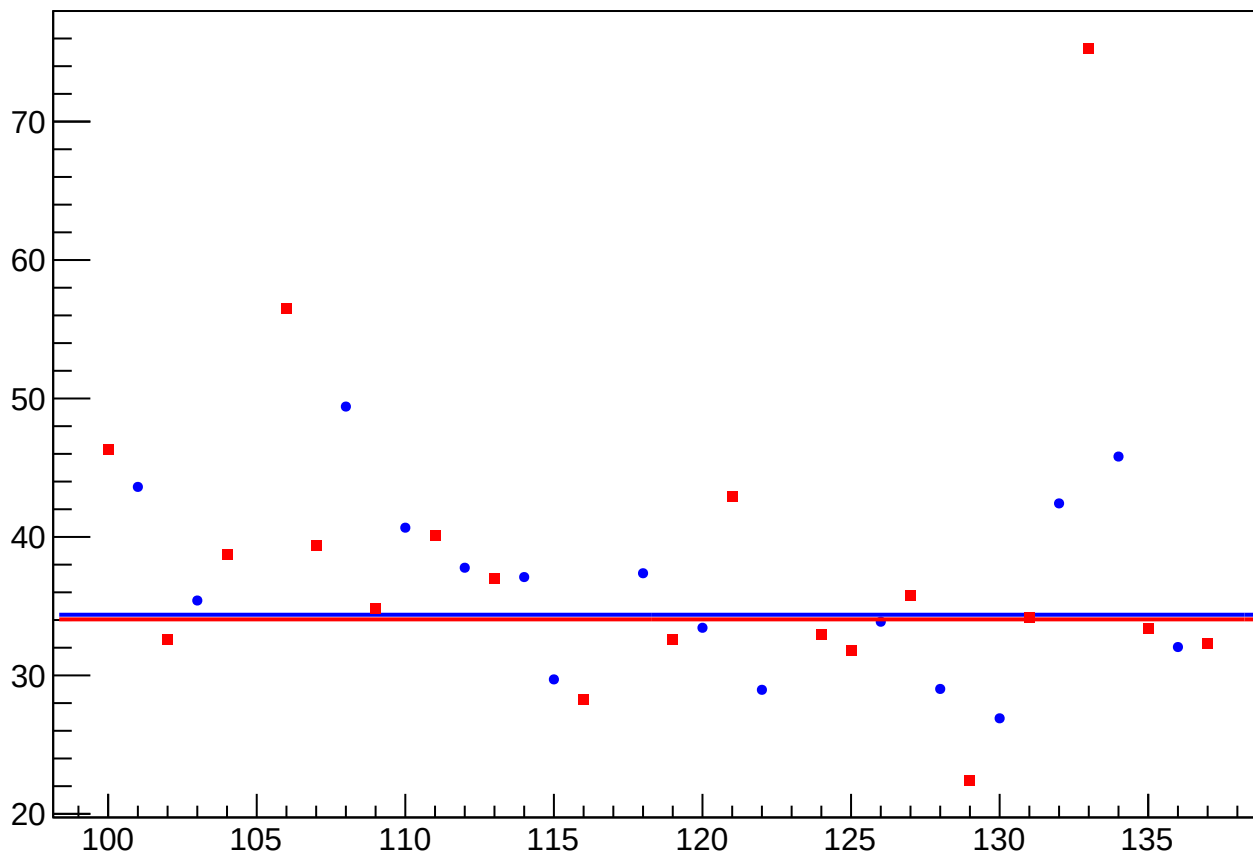
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

In: 0.016 $\pm$ 0.013 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.382+/-0.009 χ^2/NDF : 367883.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.047+/-0.009 χ^2/NDF : 642697.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

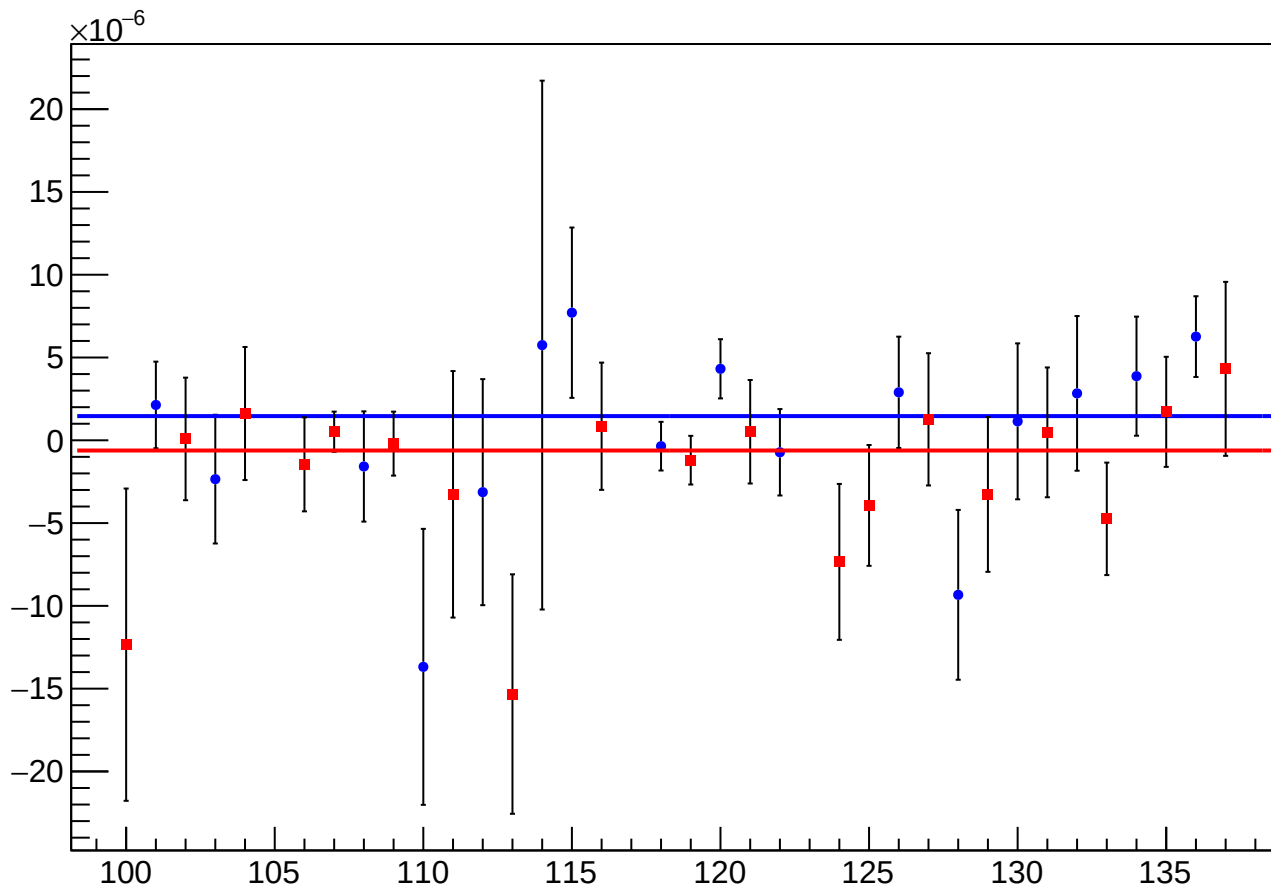
Right: 34.212+/-0.007 χ^2/NDF : 1011212.4/34

In: 34.382+/-0.009 χ^2/NDF : 367883.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.212+/-0.007 χ^2/NDF : 1011212.4/34

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

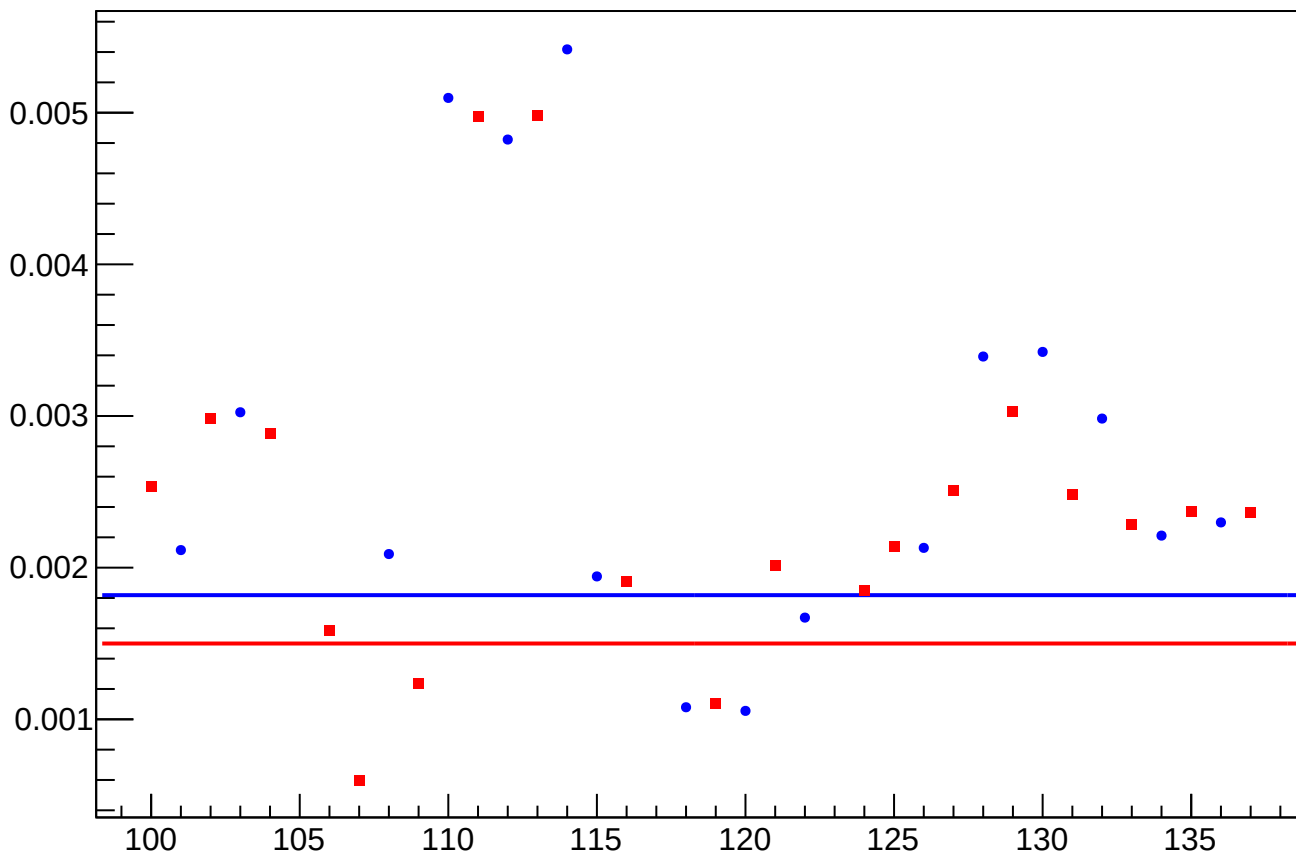
Right: 0.000+/-0.000 χ^2/NDF : 39.3/34

In: 0.000+/-0.000 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 39.3/34

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug, Sign Corrected



Right In: 0.002+/-0.000 χ^2/NDF : 2570250.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3689451.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

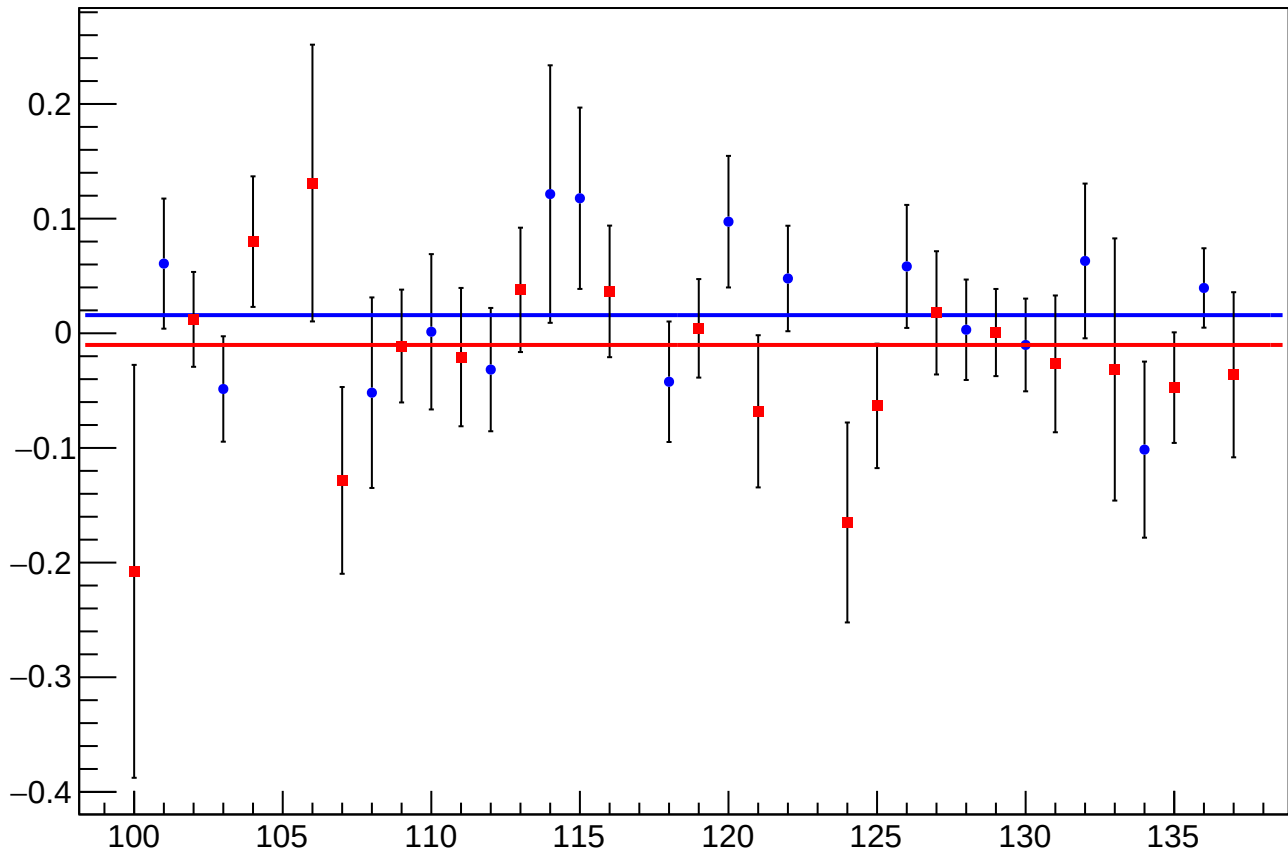
Right: 0.002+/-0.000 χ^2/NDF : 6466308.5/34

In: 0.002+/-0.000 χ^2/NDF :2570250.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6466308.5/34

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.013 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

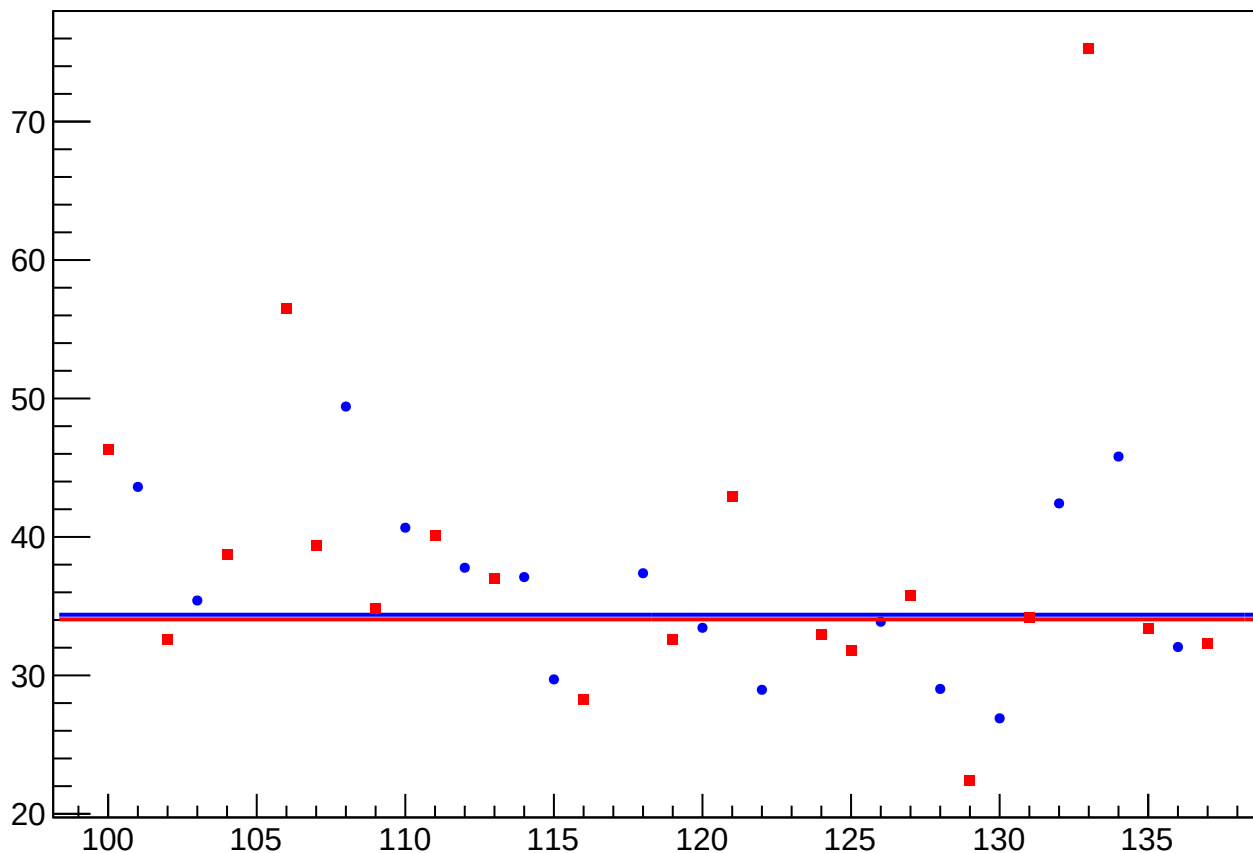
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

In: 0.016 $\pm$ 0.013 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.381+/-0.009 χ^2/NDF : 367940.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.047+/-0.009 χ^2/NDF : 642741.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

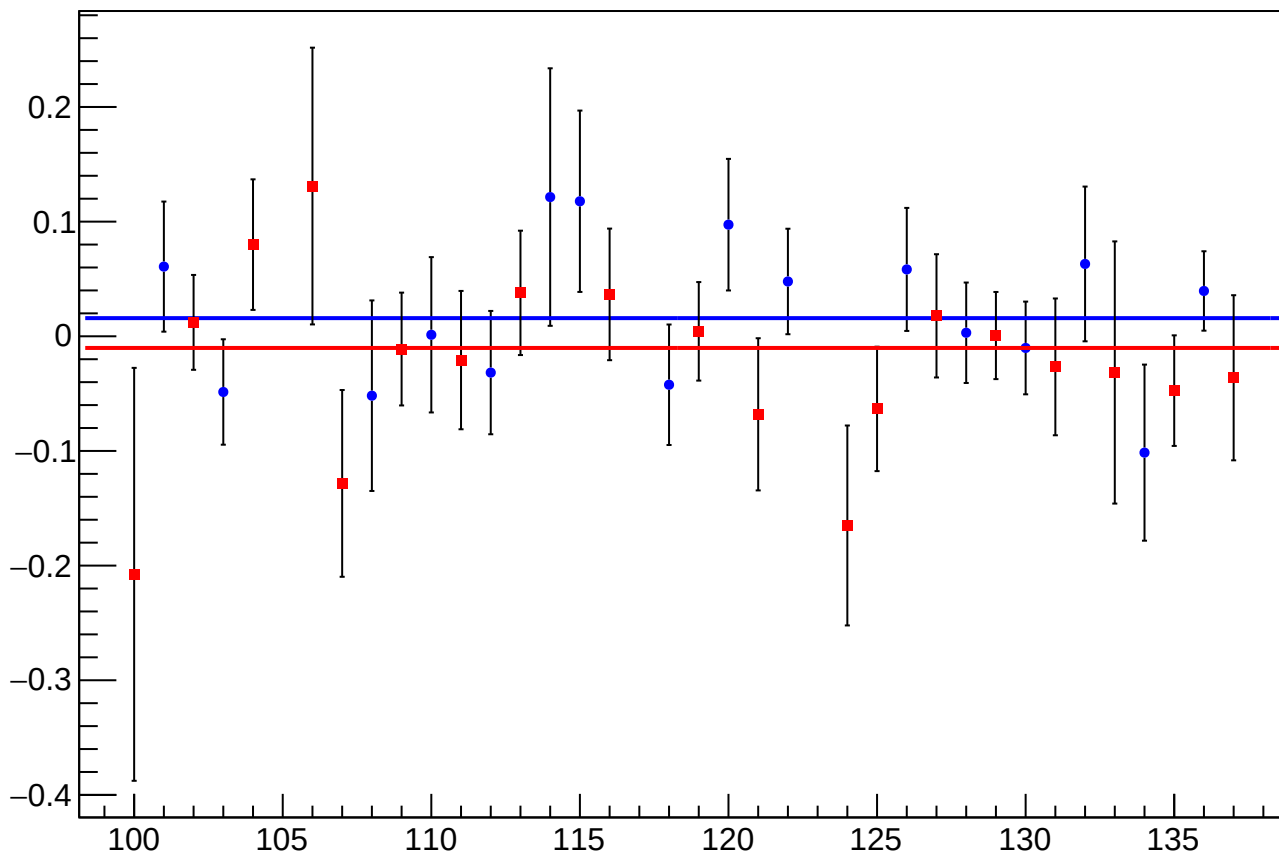
Right: 34.212+/-0.007 χ^2/NDF : 1011312.9/34

In: 34.381+/-0.009 χ^2/NDF : 367940.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.212+/-0.007 χ^2/NDF : 1011312.9/34

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016 $\pm$ 0.013 χ^2 /NDF: 14.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.010 $\pm$ 0.013 χ^2 /NDF: 15.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

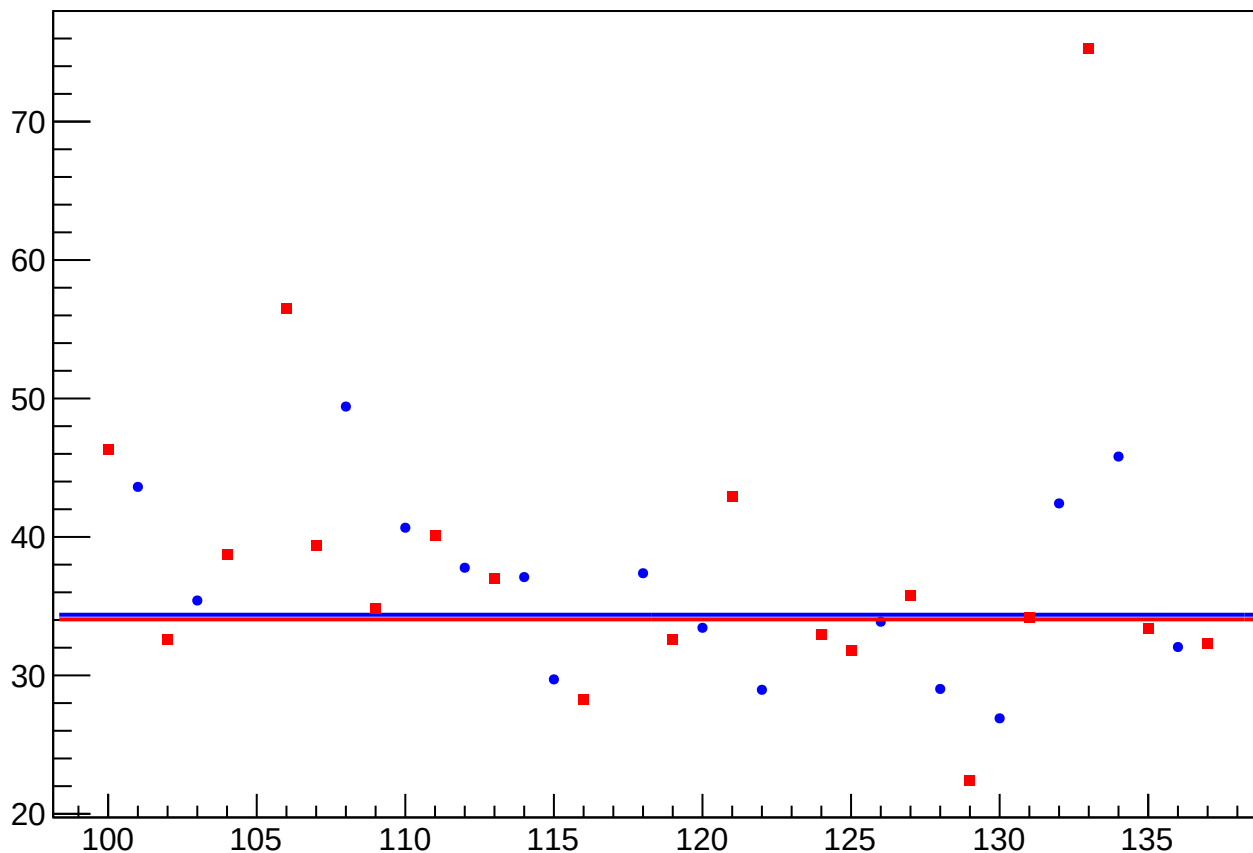
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

In: 0.016 $\pm$ 0.013 χ^2 /NDF:14.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.8/34

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 34.381+/-0.009 χ^2/NDF : 367940.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.047+/-0.009 χ^2/NDF : 642741.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

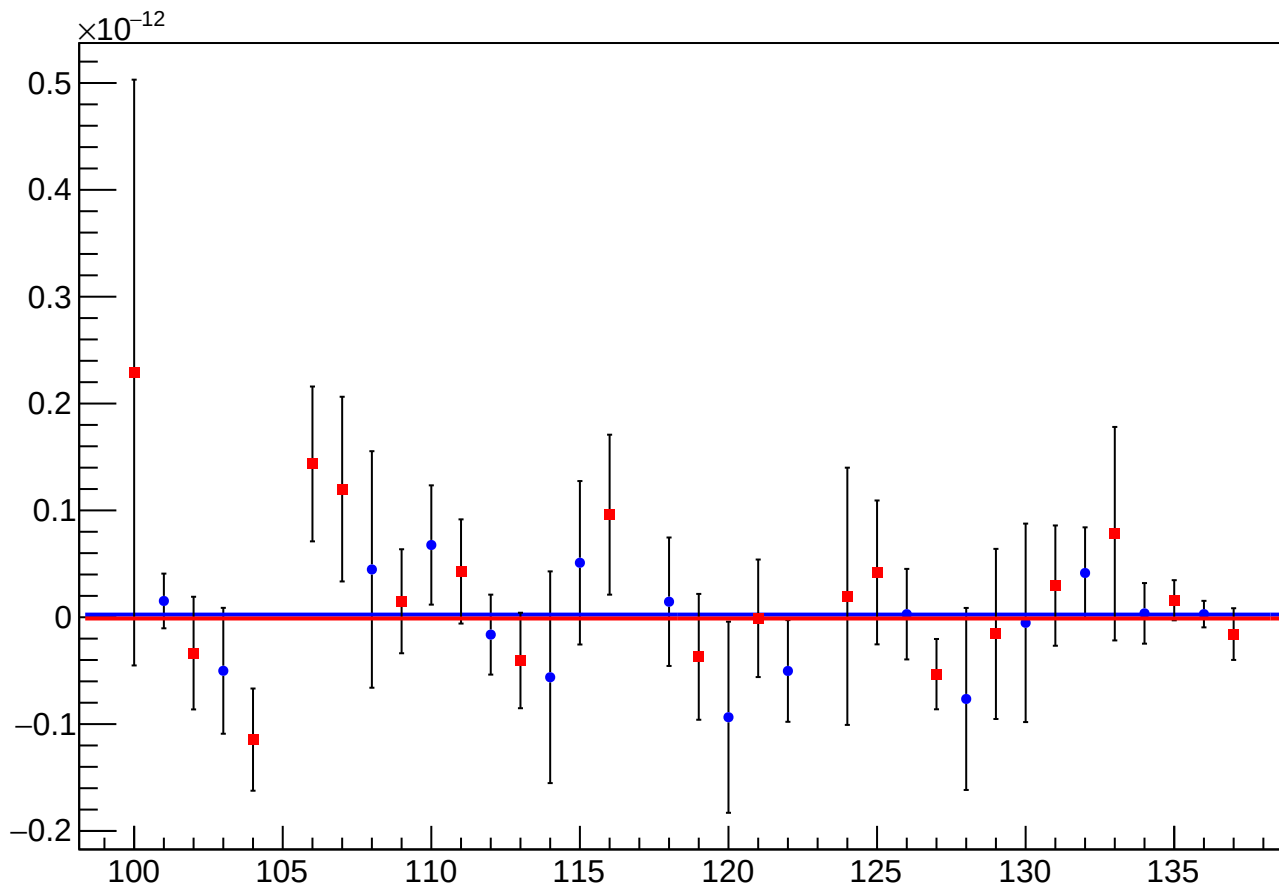
Right: 34.212+/-0.007 χ^2/NDF : 1011312.9/34

In: 34.381+/-0.009 χ^2/NDF : 367940.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.212+/-0.007 χ^2/NDF : 1011312.9/34

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 7.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

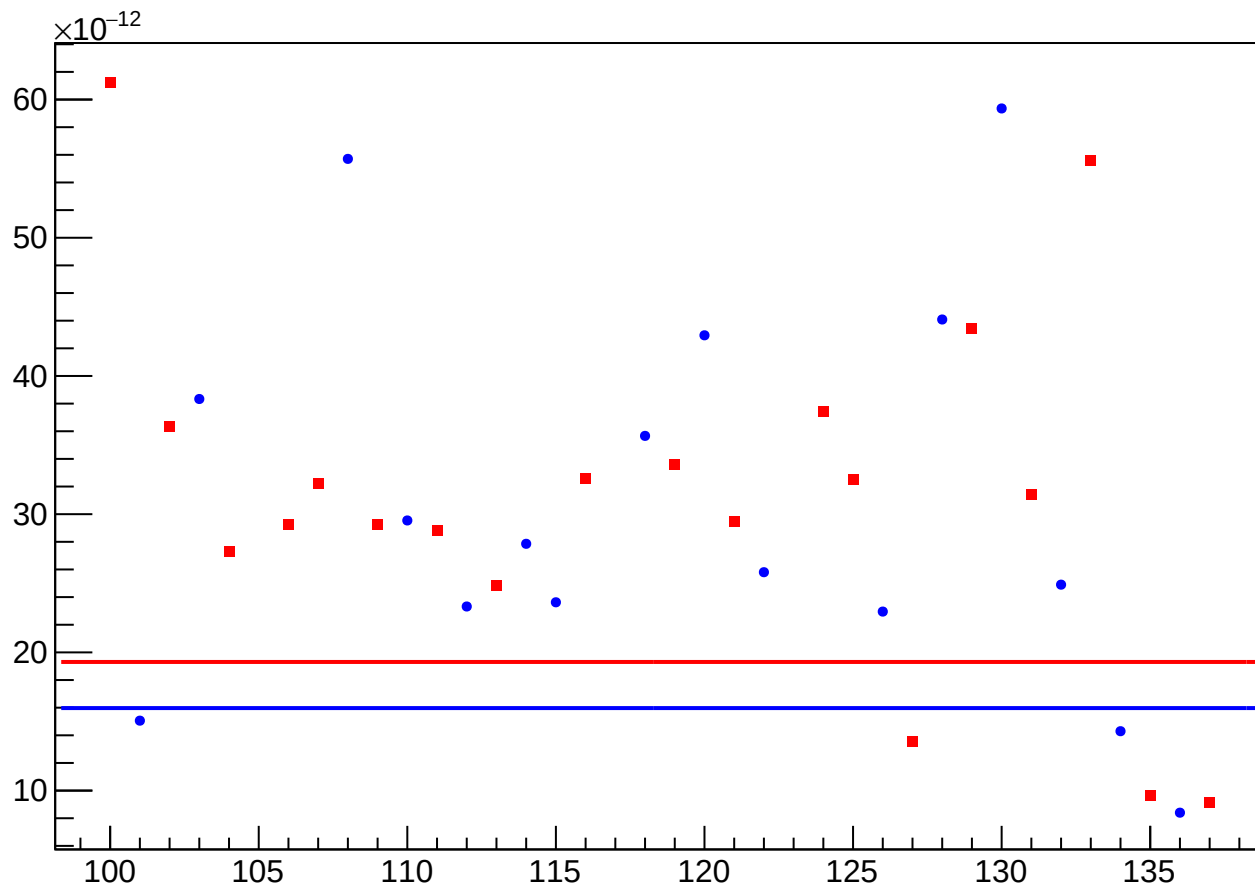
Right: 0.000+/-0.000 χ^2/NDF : 29.3/34

In: 0.000+/-0.000 χ^2/NDF : 7.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.3/34

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2822278.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2440768.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

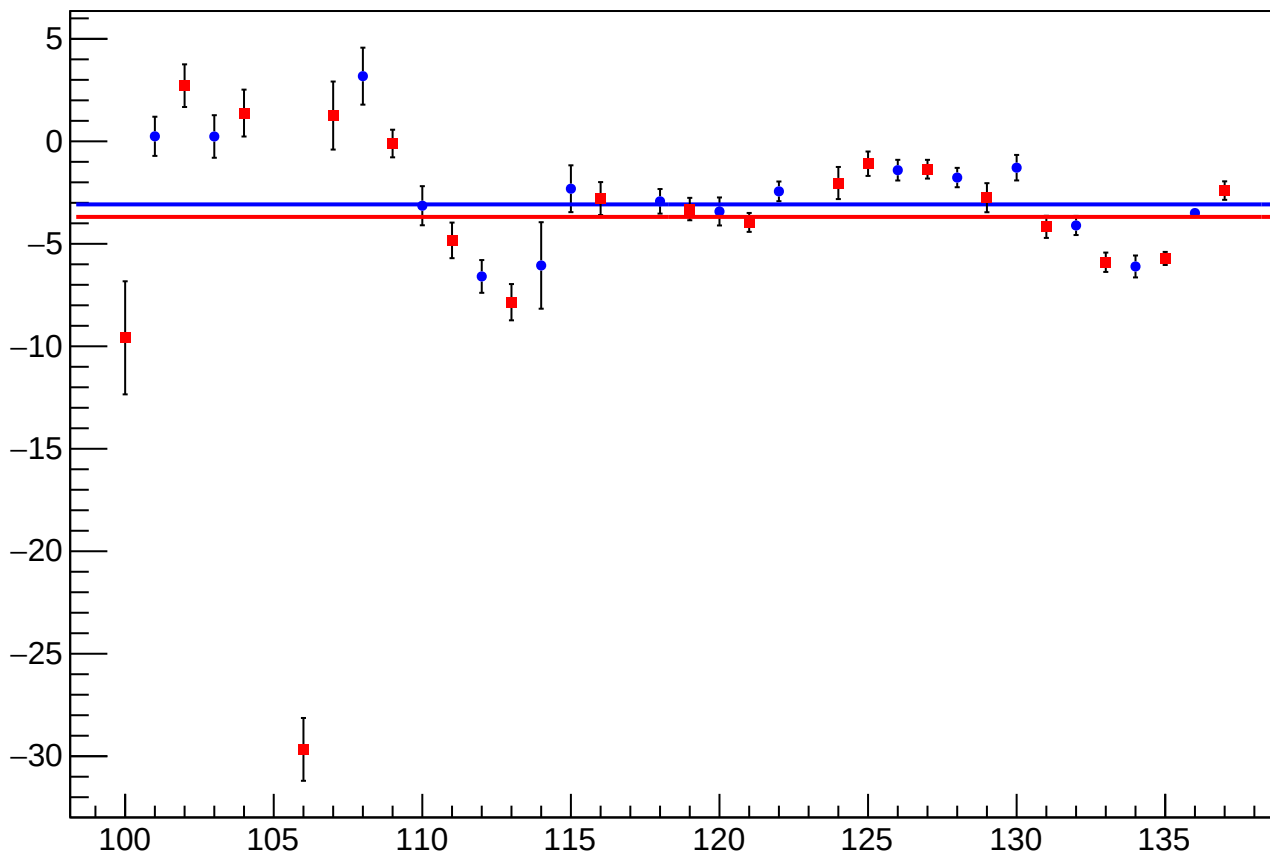
Right: 0.000+/-0.000 χ^2/NDF : 5386653.4/34

In: 0.000+/-0.000 χ^2/NDF :2822278.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5386653.4/34

reg_asym_sam1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.077 ± 0.135 χ^2/NDF : 133.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.687 ± 0.140 χ^2/NDF : 534.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

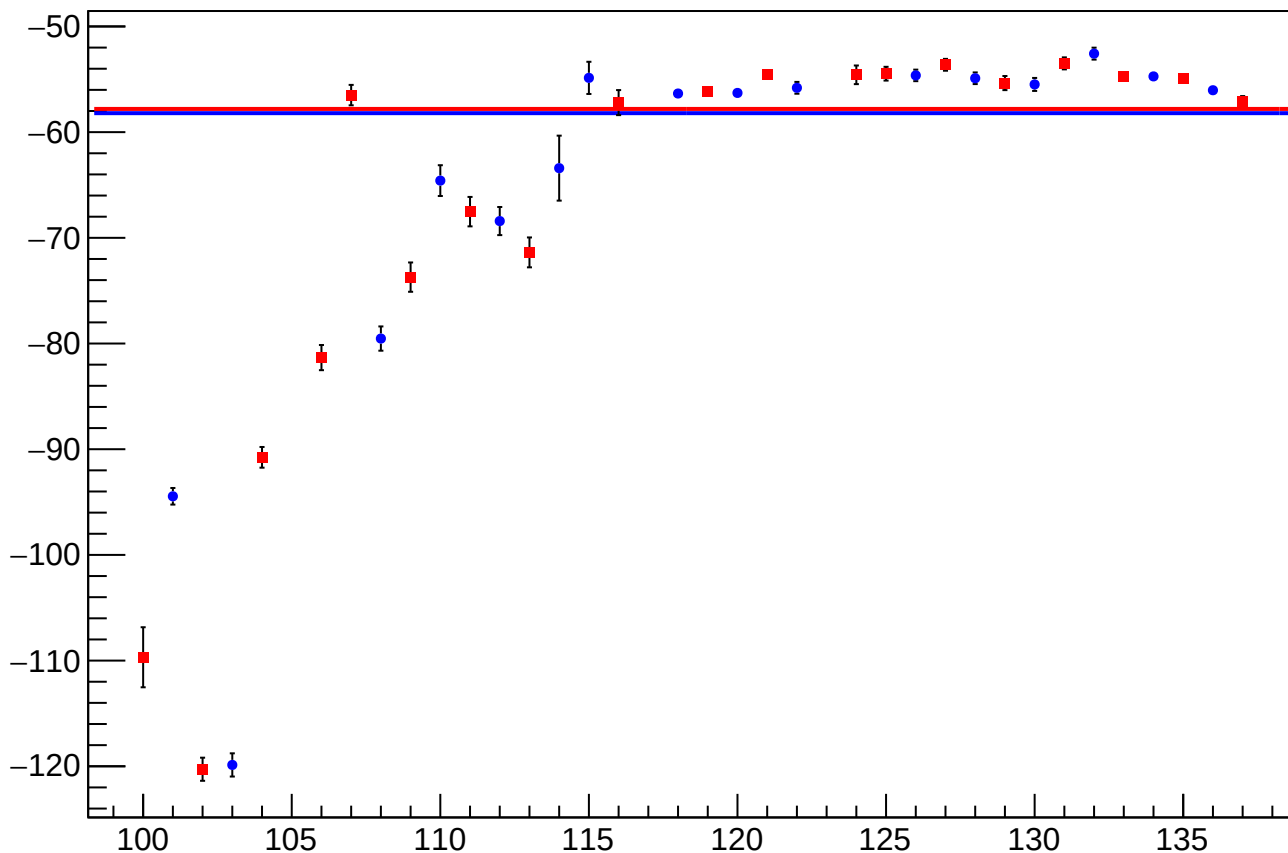
Right: -3.371 ± 0.097 χ^2/NDF : 678.4/34

In: -3.077 ± 0.135 χ^2/NDF : 133.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.371 ± 0.097 χ^2/NDF : 678.4/34

reg_asym_sam1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -58.204+/-0.136 χ^2/NDF : 6126.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -57.804+/-0.138 χ^2/NDF : 5792.7/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

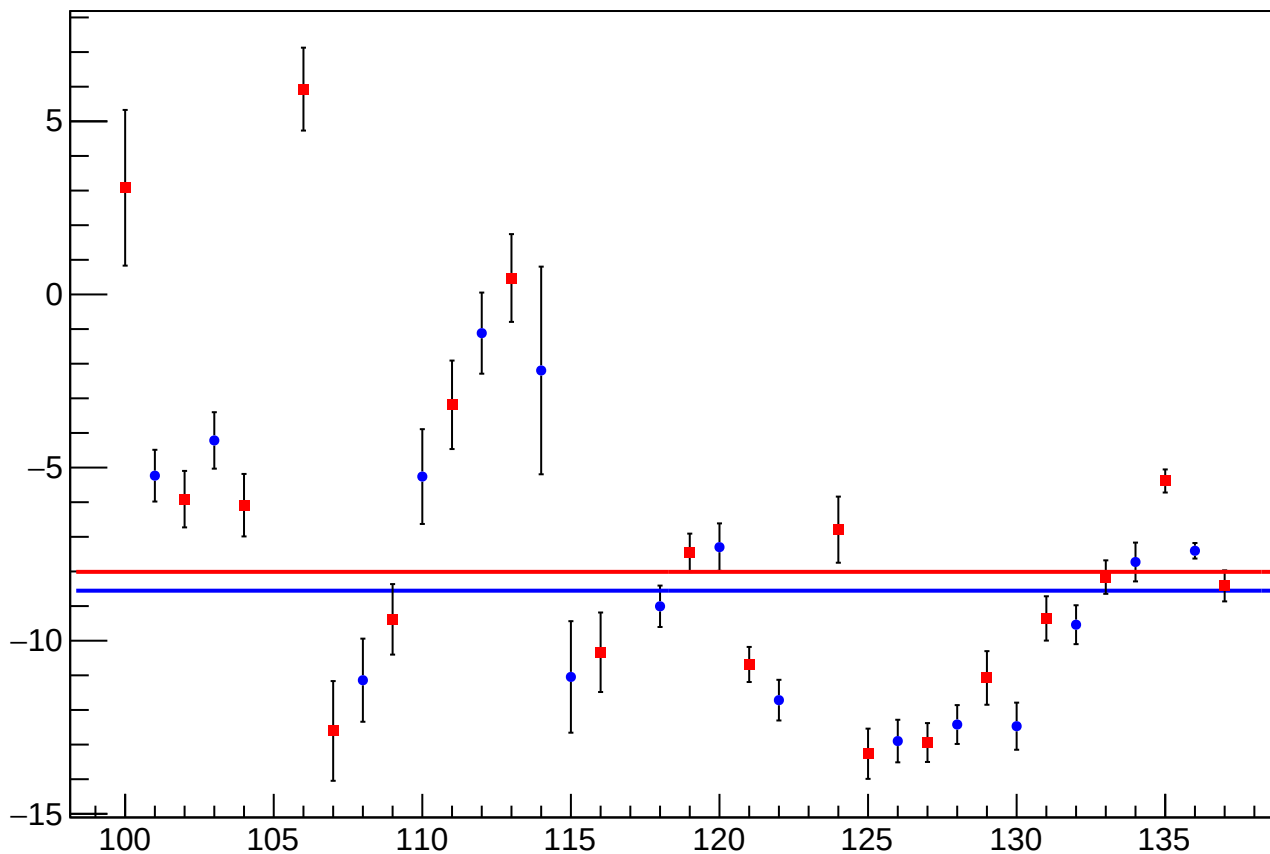
Right: -58.008+/-0.097 χ^2/NDF : 11923.9/34

In: -58.204+/-0.136 χ^2/NDF :6126.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.008+/-0.097 χ^2/NDF : 11923.9/34

reg_asym_sam1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -8.555+/-0.145 χ^2/NDF : 300.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.011+/-0.153 χ^2/NDF : 489.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

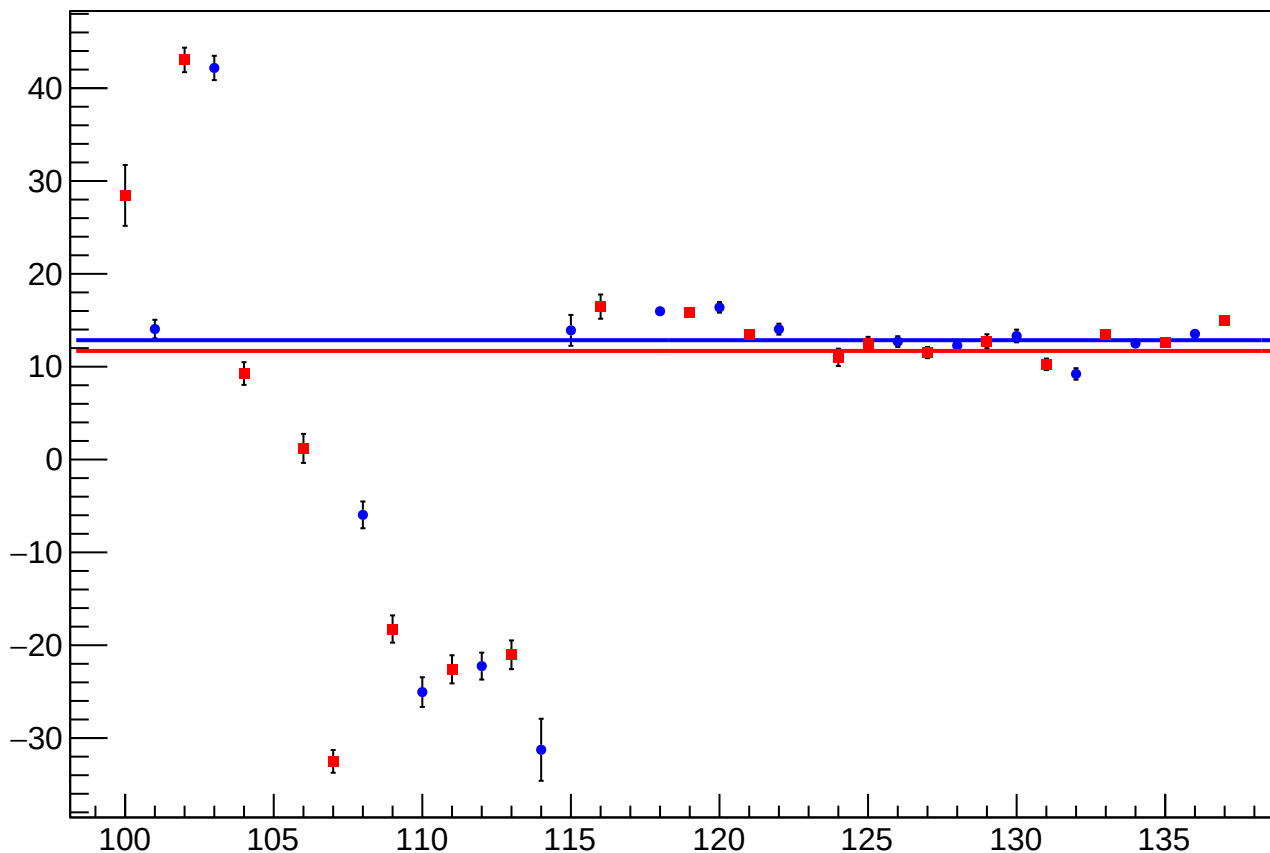
Right: -8.298+/-0.105 χ^2/NDF : 796.7/34

In: -8.555+/-0.145 χ^2/NDF : 300.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.298+/-0.105 χ^2/NDF : 796.7/34

reg_asym_sam1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 12.853+/-0.150 χ^2/NDF : 2128.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.699+/-0.155 χ^2/NDF : 3498.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

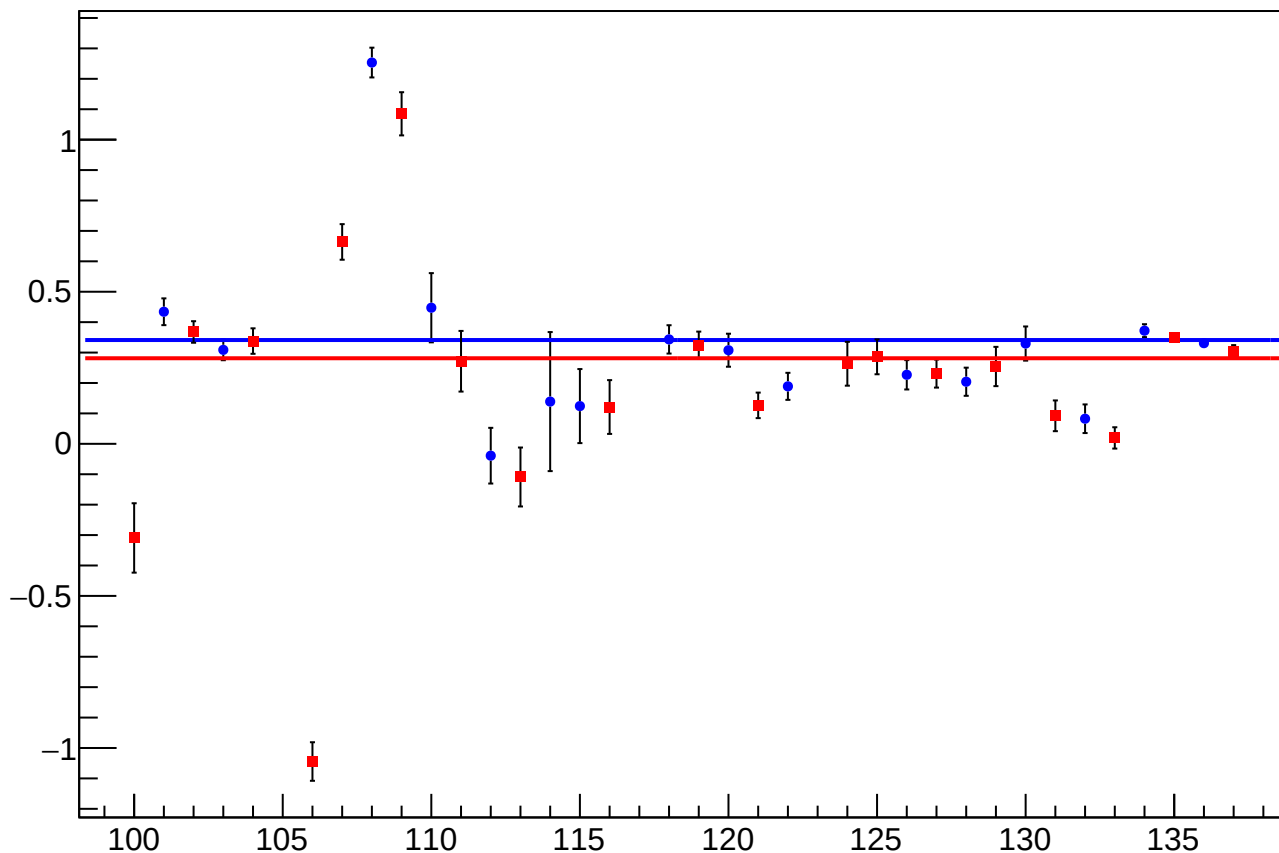
Right: 12.294+/-0.108 χ^2/NDF : 5655.7/34

In: 12.853+/-0.150 χ^2/NDF : 2128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.294+/-0.108 χ^2/NDF : 5655.7/34

reg_asym_sam1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.341 $\pm$ 0.008 χ^2 /NDF: 434.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.281 $\pm$ 0.008 χ^2 /NDF: 777.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

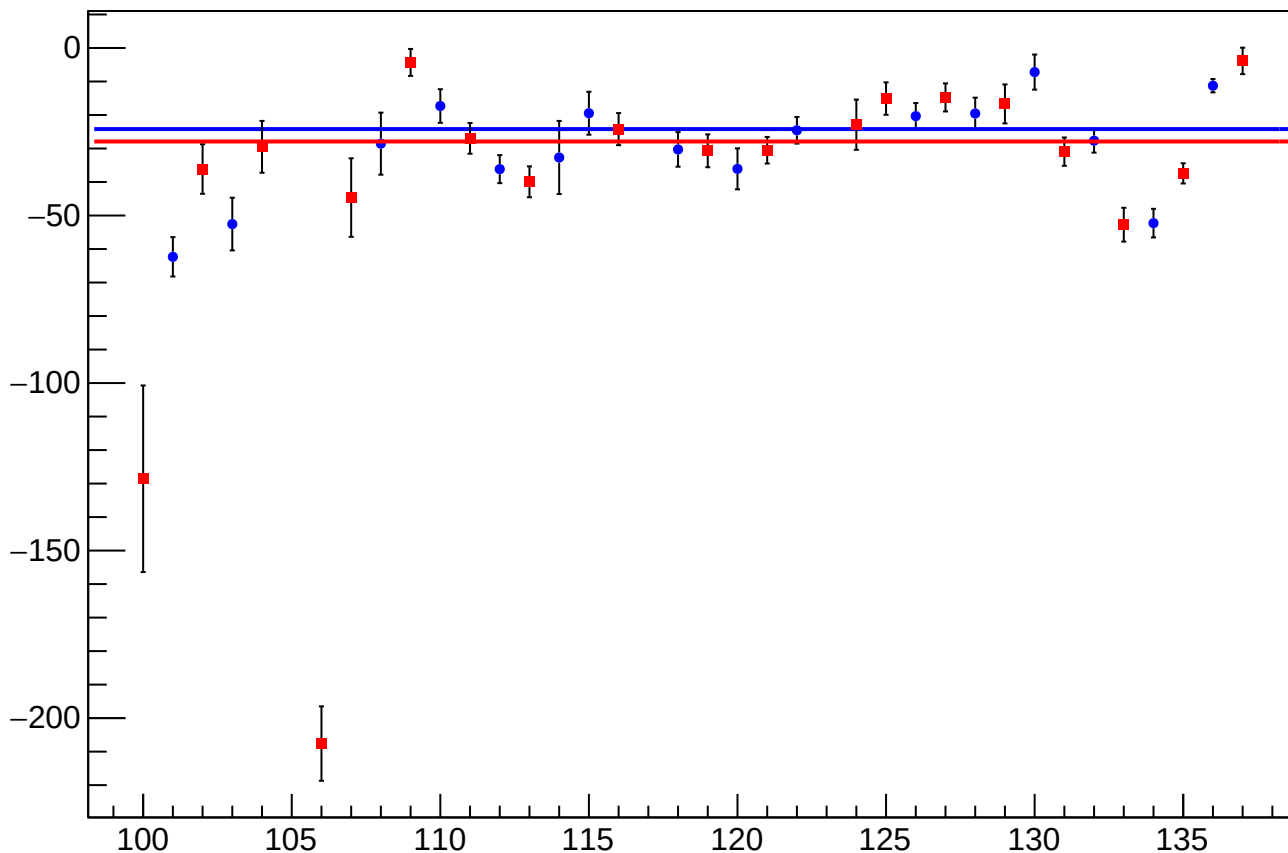
Right: 0.313 $\pm$ 0.006 χ^2 /NDF: 1239.2/34

In: 0.341 $\pm$ 0.008 χ^2 /NDF:434.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.313 $\pm$ 0.006 χ^2 /NDF: 1239.2/34

reg_asym_sam2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -24.205 ± 1.086 χ^2/NDF : 170.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -27.906 ± 1.137 χ^2/NDF : 413.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

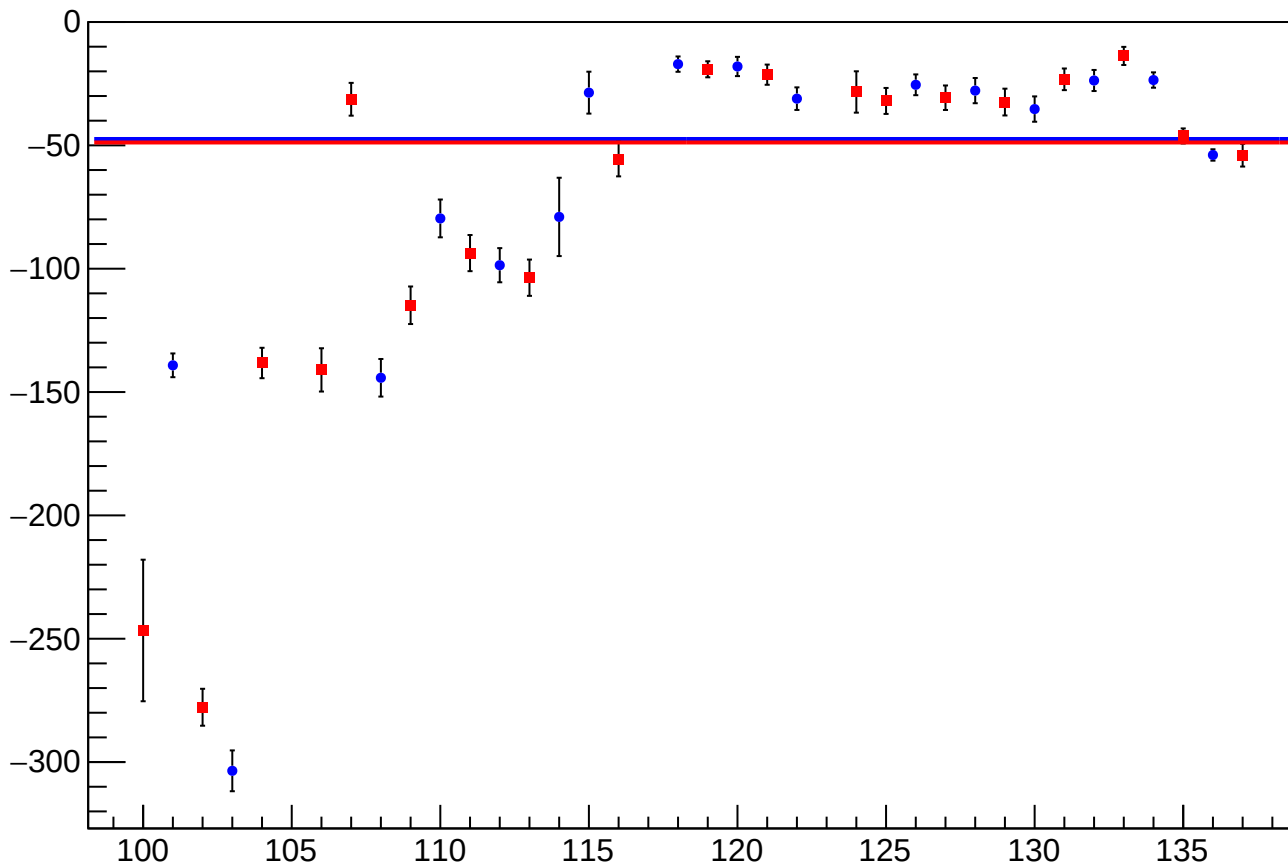
Right: -25.971 ± 0.785 χ^2/NDF : 589.7/34

In: -24.205 ± 1.086 χ^2/NDF : 170.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.971 ± 0.785 χ^2/NDF : 589.7/34

reg_asym_sam2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -47.421 ± 1.101 χ^2/NDF : 1873.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.831 ± 1.182 χ^2/NDF : 1774.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

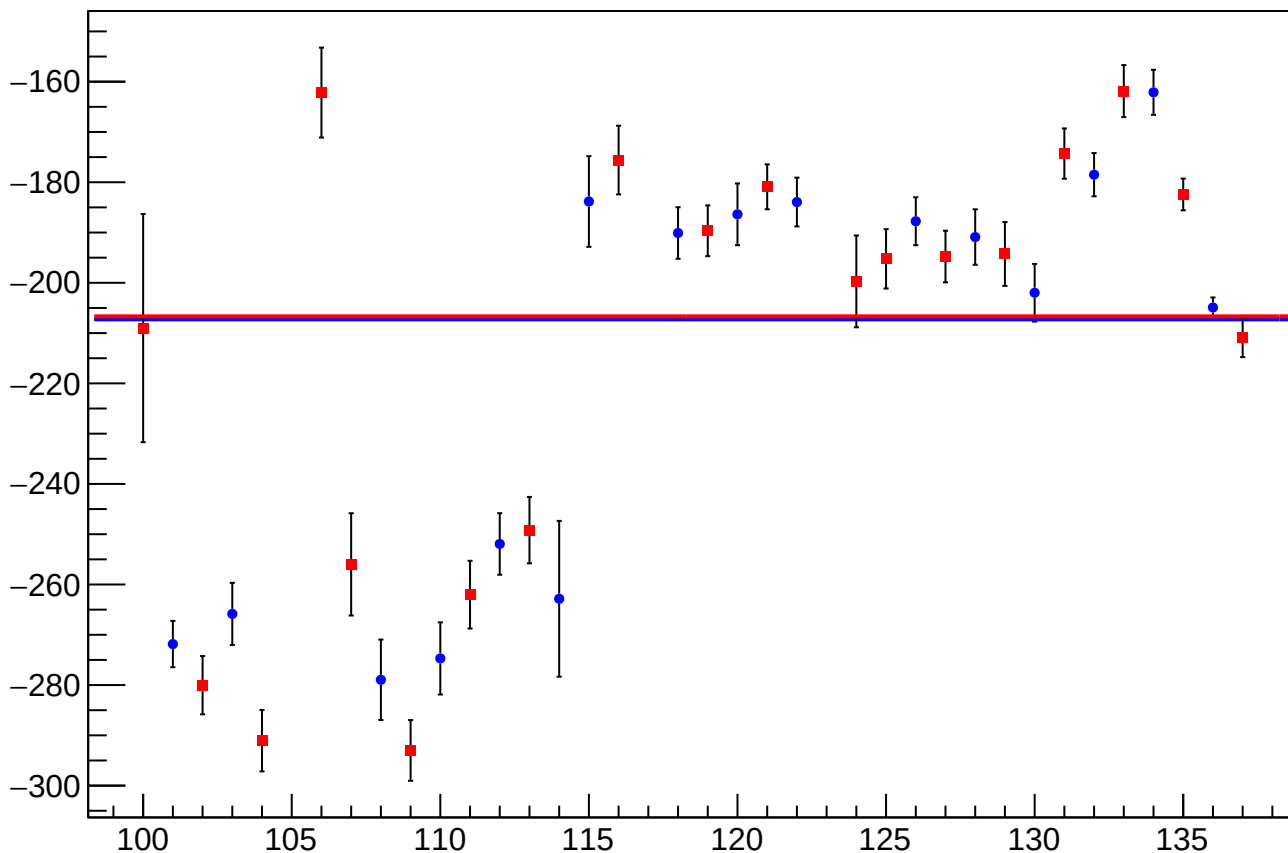
Right: -48.076 ± 0.806 χ^2/NDF : 3648.9/34

In: -47.421 ± 1.101 χ^2/NDF : 1873.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -48.076 ± 0.806 χ^2/NDF : 3648.9/34

reg_asym_sam2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -207.266+/-1.178 χ^2 /NDF: 748.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -206.673+/-1.279 χ^2 /NDF: 969.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

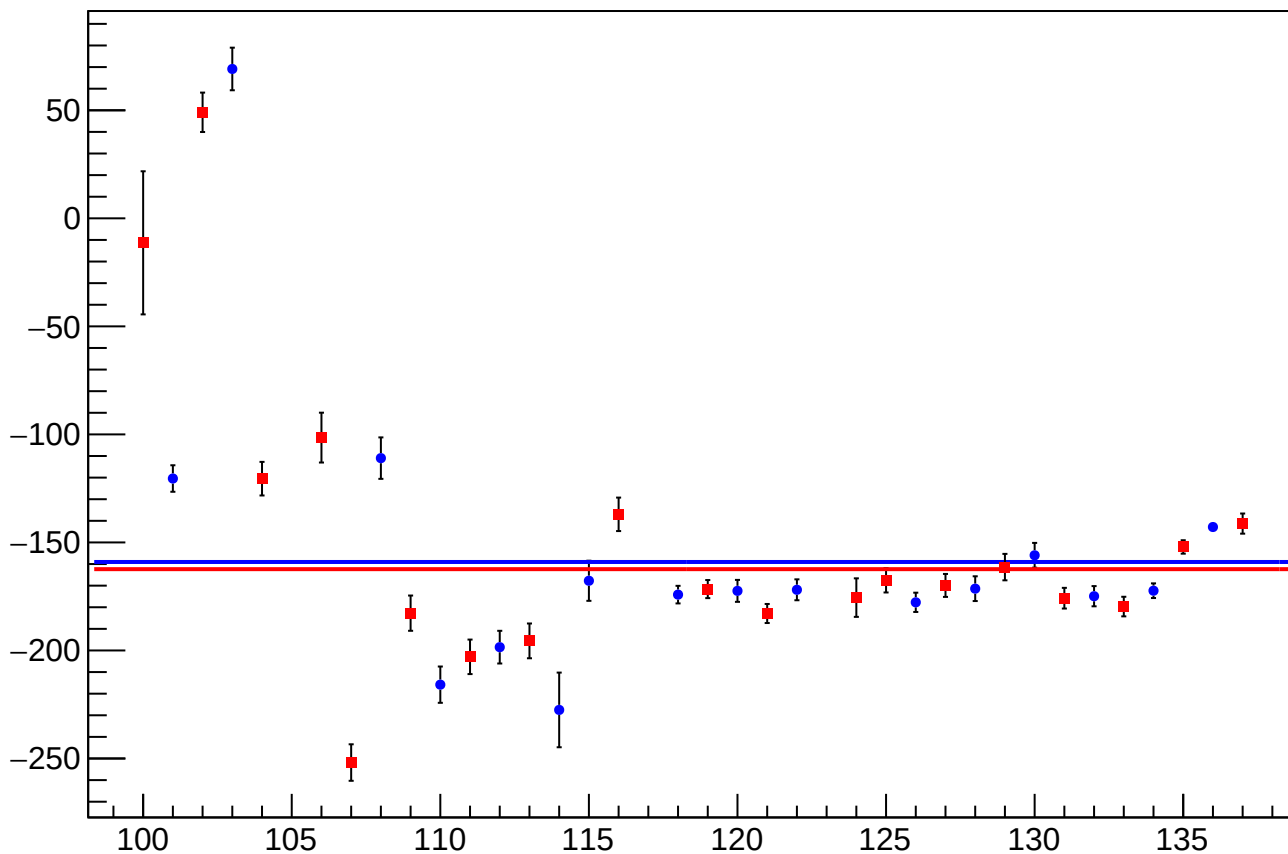
Right: -206.994+/-0.867 χ^2 /NDF: 1718.0/34

In: -207.266+/-1.178 χ^2 /NDF:748.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -206.994+/-0.867 χ^2 /NDF: 1718.0/34

reg_asym_sam2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -159.048 ± 1.225 χ^2/NDF : 815.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -162.370 ± 1.324 χ^2/NDF : 872.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

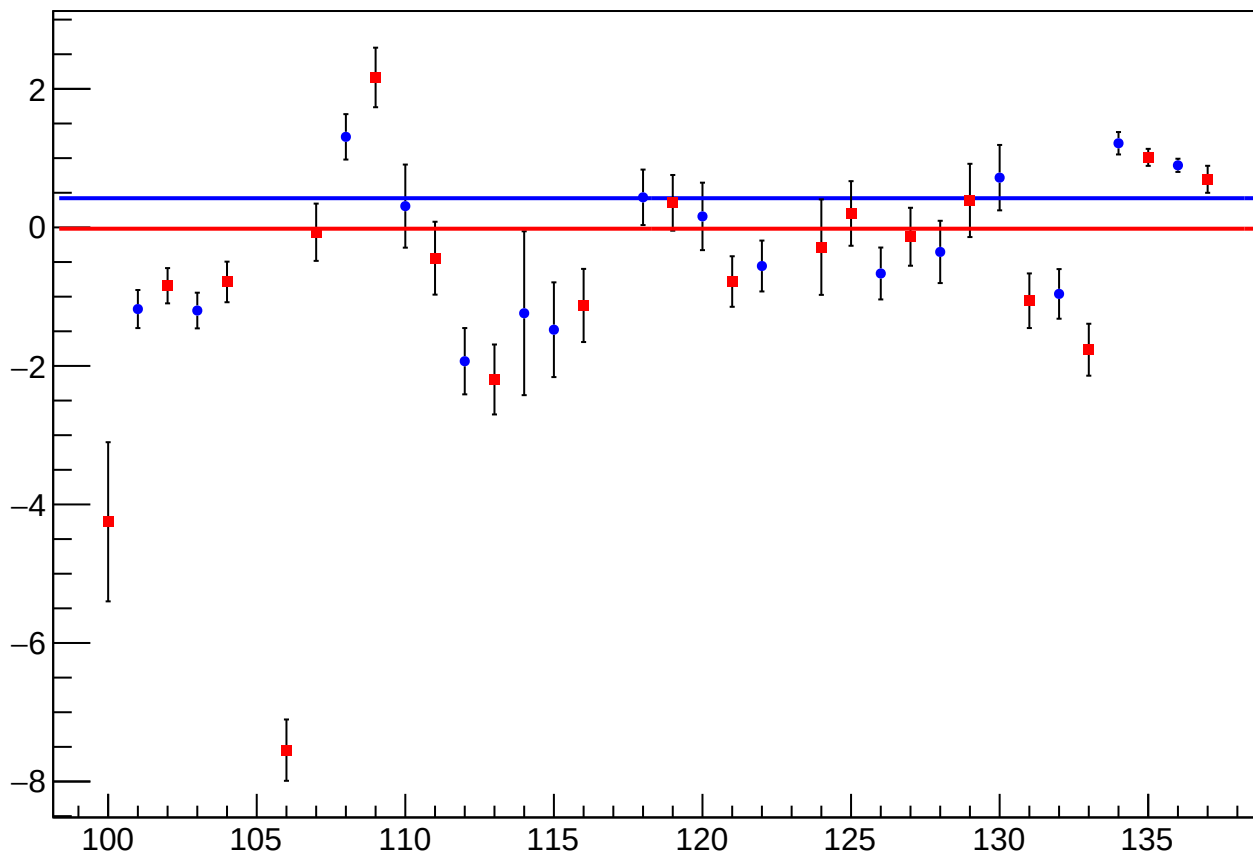
Right: -160.581 ± 0.899 χ^2/NDF : 1691.7/34

In: -159.048 ± 1.225 χ^2/NDF : 815.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -160.581 ± 0.899 χ^2/NDF : 1691.7/34

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.421 $\pm$ 0.065 χ^2 /NDF: 197.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.019 $\pm$ 0.072 χ^2 /NDF: 488.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

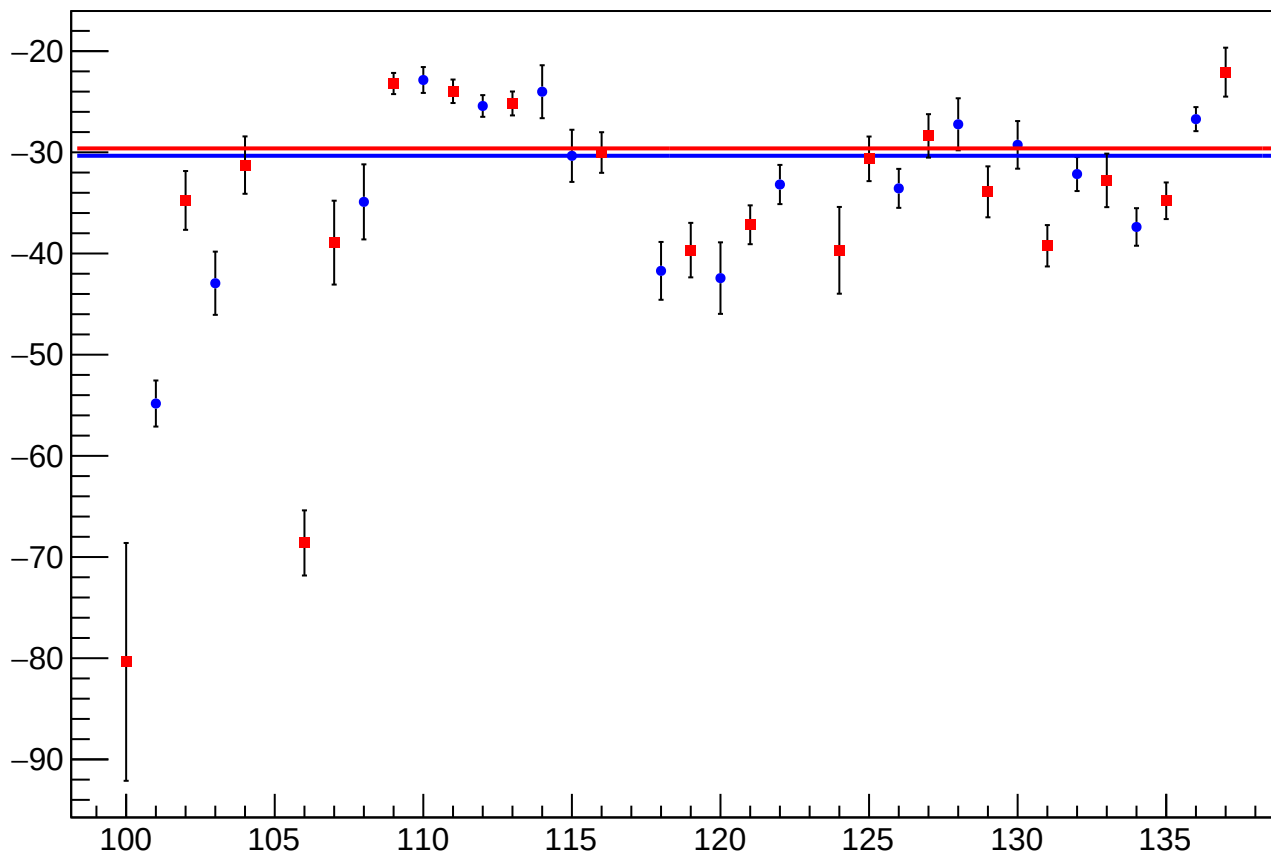
Right: 0.225 $\pm$ 0.048 χ^2 /NDF: 706.4/34

In: 0.421 $\pm$ 0.065 χ^2 /NDF:197.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.225 $\pm$ 0.048 χ^2 /NDF: 706.4/34

reg_asym_sam3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -30.341 ± 0.468 χ^2/NDF : 253.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.613 ± 0.450 χ^2/NDF : 329.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

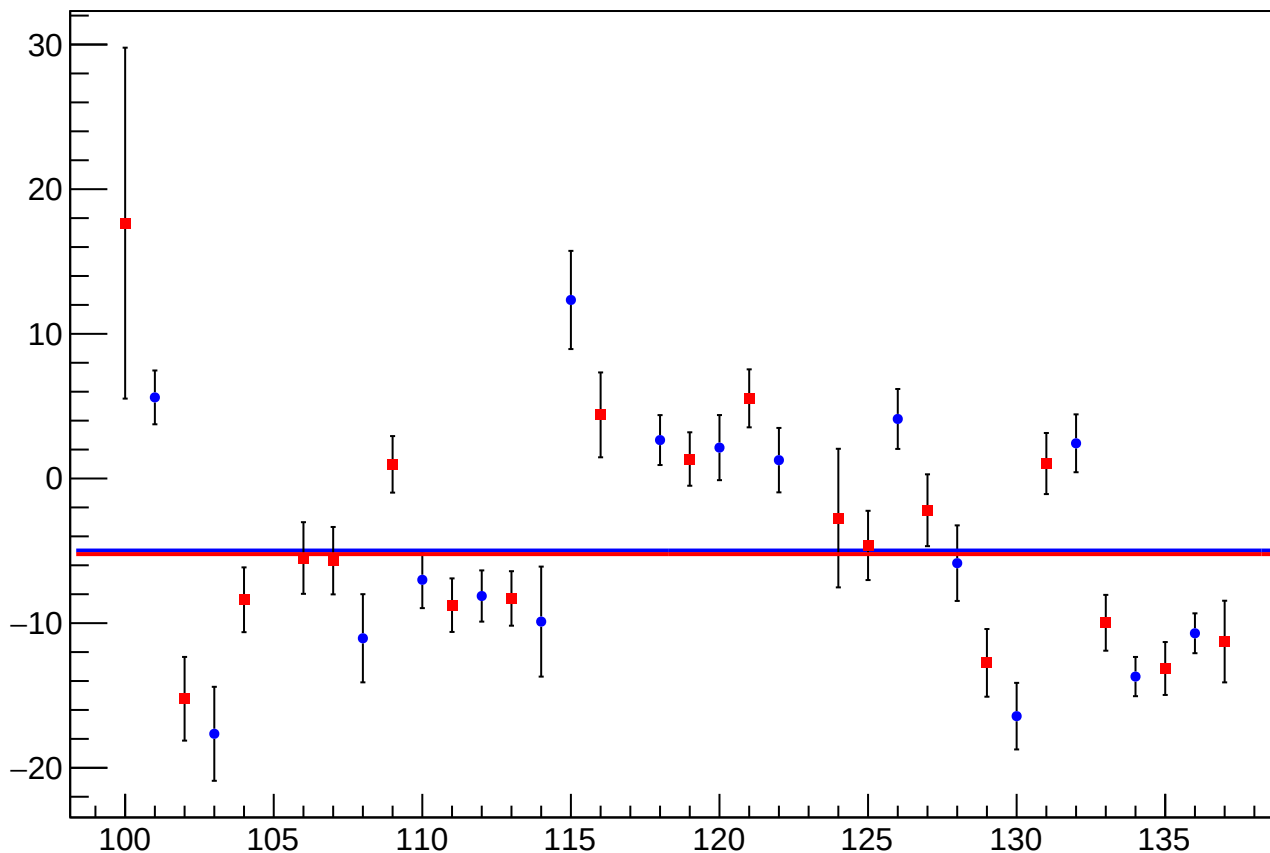
Right: -29.963 ± 0.324 χ^2/NDF : 584.0/34

In: -30.341 ± 0.468 χ^2/NDF : 253.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.963 ± 0.324 χ^2/NDF : 584.0/34

reg_asym_sam3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.980+/-0.510 χ^2/NDF : 237.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.228+/-0.524 χ^2/NDF : 136.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

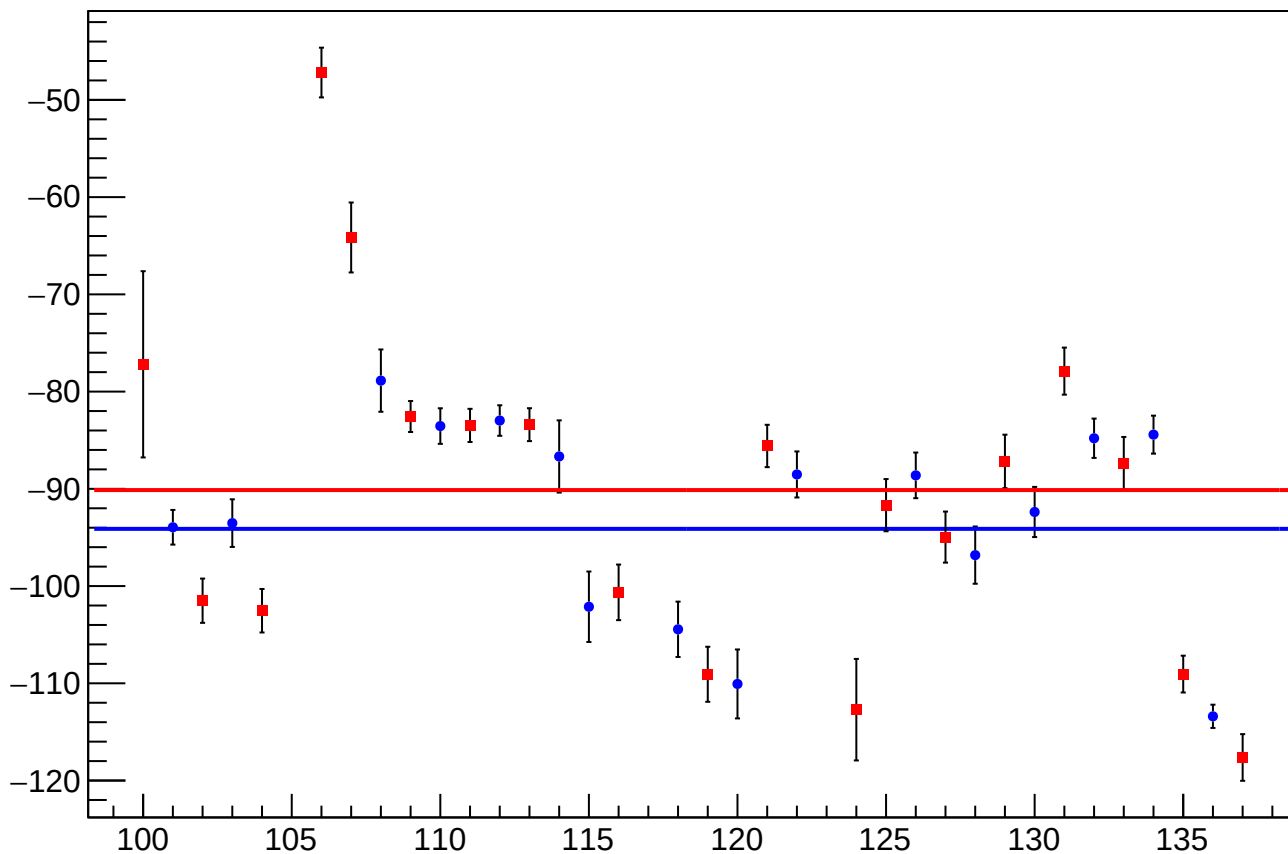
Right: -5.100+/-0.365 χ^2/NDF : 373.9/34

In: -4.980+/-0.510 χ^2/NDF : 237.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.100+/-0.365 χ^2/NDF : 373.9/34

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.115 ± 0.537 χ^2/NDF : 466.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -90.127 ± 0.543 χ^2/NDF : 789.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

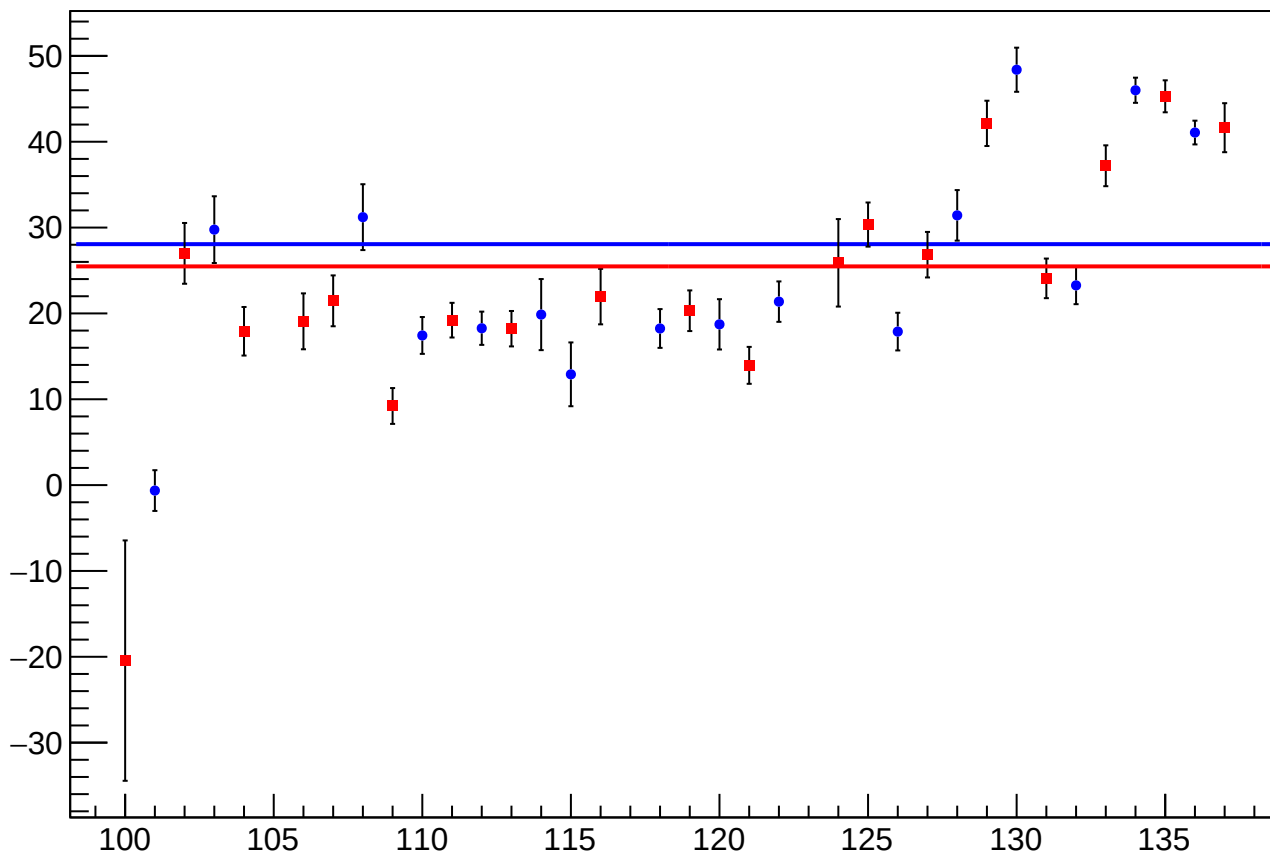
Right: -92.143 ± 0.382 χ^2/NDF : 1283.5/34

In: -94.115 ± 0.537 χ^2/NDF : 466.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -92.143 ± 0.382 χ^2/NDF : 1283.5/34

reg_asym_sam3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.068+/-0.569 χ^2/NDF : 583.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.477+/-0.590 χ^2/NDF : 354.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

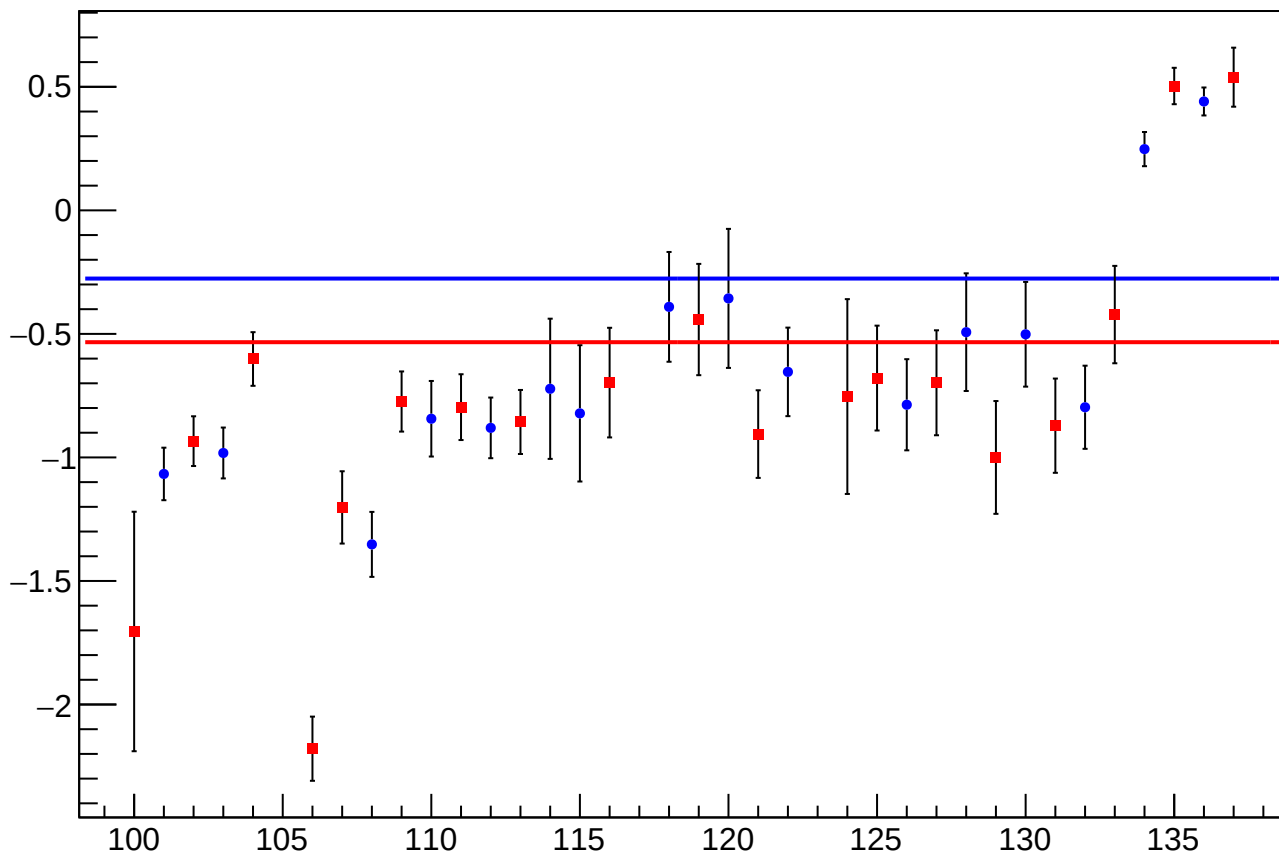
Right: 26.821+/-0.410 χ^2/NDF : 947.7/34

In: 28.068+/-0.569 χ^2/NDF : 583.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.821+/-0.410 χ^2/NDF : 947.7/34

reg_asym_sam3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.276+/-0.031 χ^2/NDF : 455.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.534+/-0.033 χ^2/NDF : 510.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

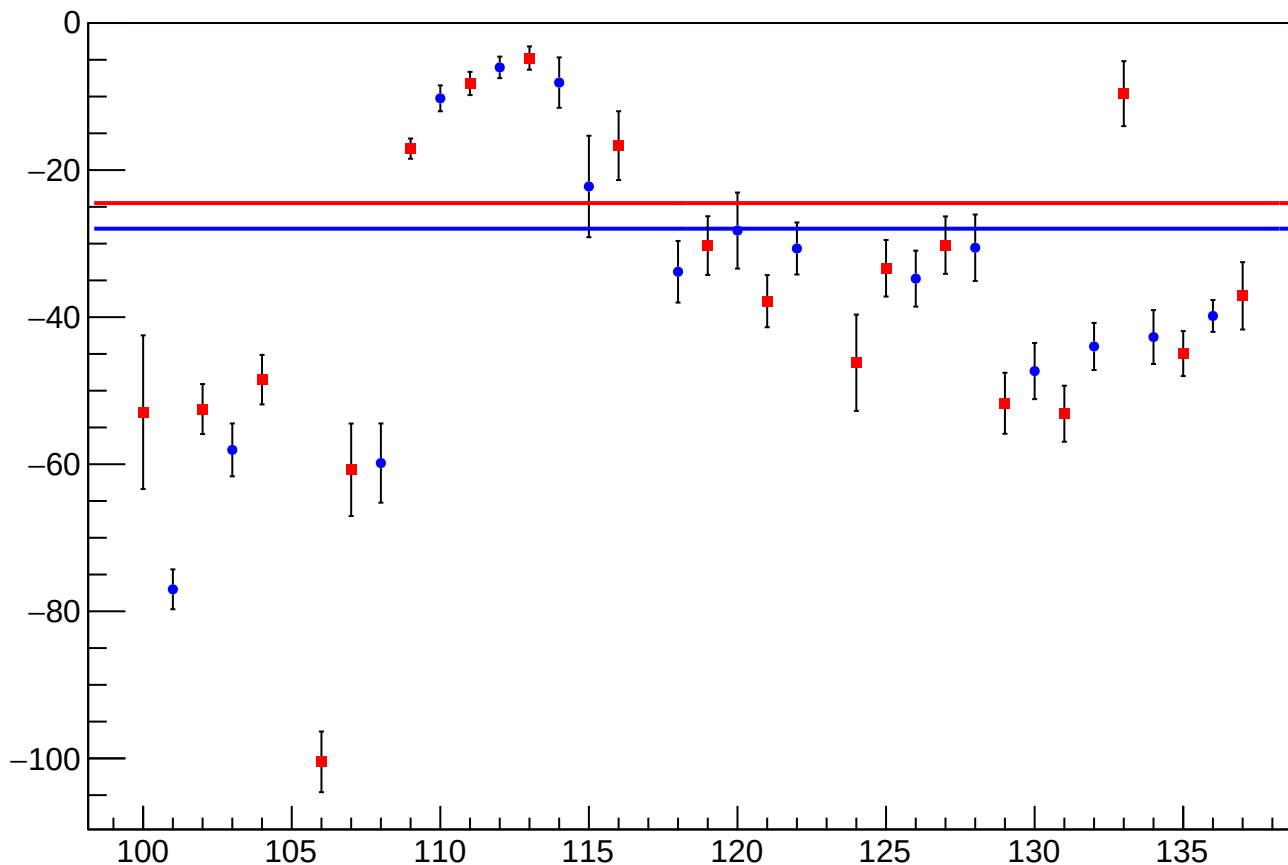
Right: -0.396+/-0.022 χ^2/NDF : 998.8/34

In: -0.276+/-0.031 χ^2/NDF :455.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.396+/-0.022 χ^2/NDF : 998.8/34

reg_asym_sam4_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -27.967+/-0.728 χ^2/NDF : 894.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -24.485+/-0.663 χ^2/NDF : 989.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

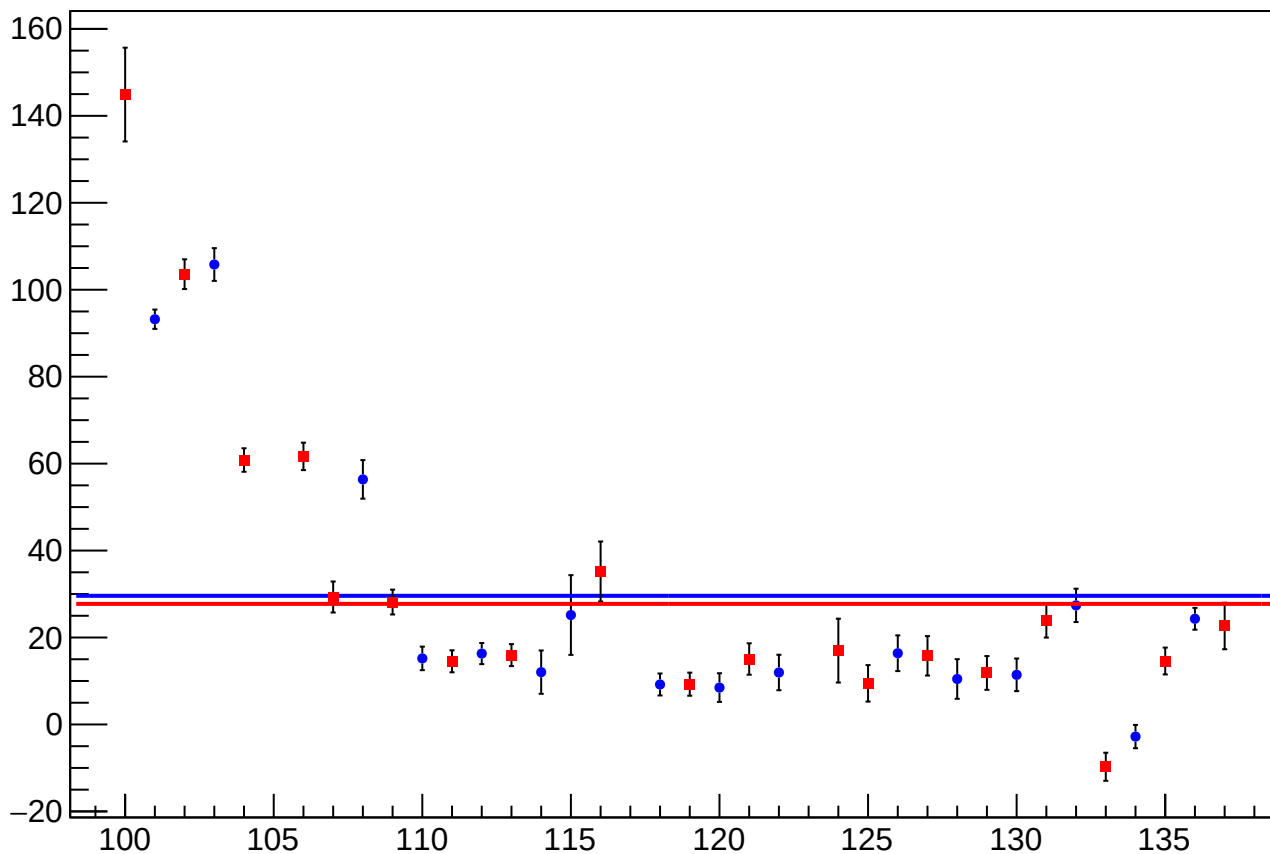
Right: -26.064+/-0.490 χ^2/NDF : 1896.8/34

In: -27.967+/-0.728 χ^2/NDF : 894.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.064+/-0.490 χ^2/NDF : 1896.8/34

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.594 $\pm$ 0.807 χ^2 /NDF: 1665.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 27.736 $\pm$ 0.797 χ^2 /NDF: 1185.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

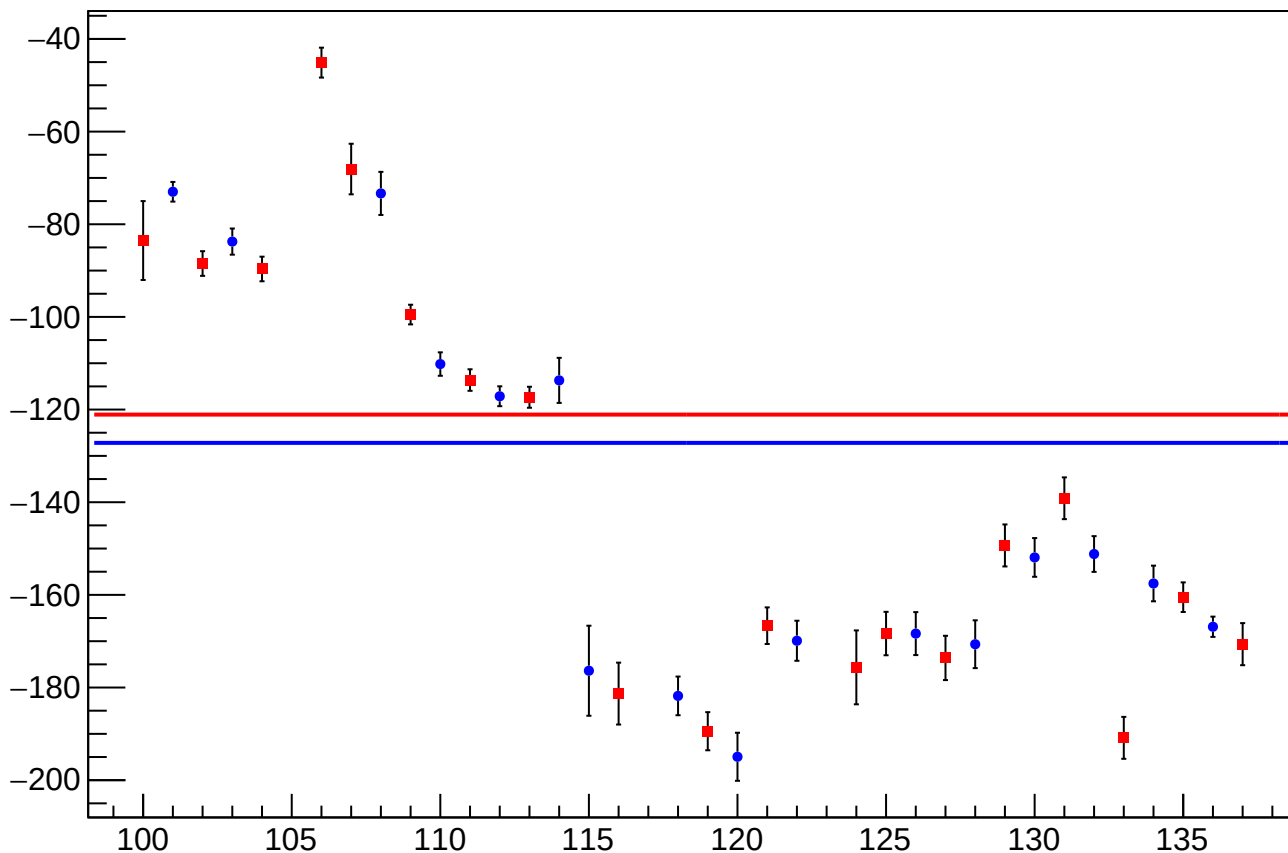
Right: 28.653 $\pm$ 0.567 χ^2 /NDF: 2853.5/34

In: 29.594 $\pm$ 0.807 χ^2 /NDF:1665.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.653 $\pm$ 0.567 χ^2 /NDF: 2853.5/34

reg_asym_sam4_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -127.190+/-0.829 χ^2/NDF : 2178.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -121.086+/-0.798 χ^2/NDF : 2397.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

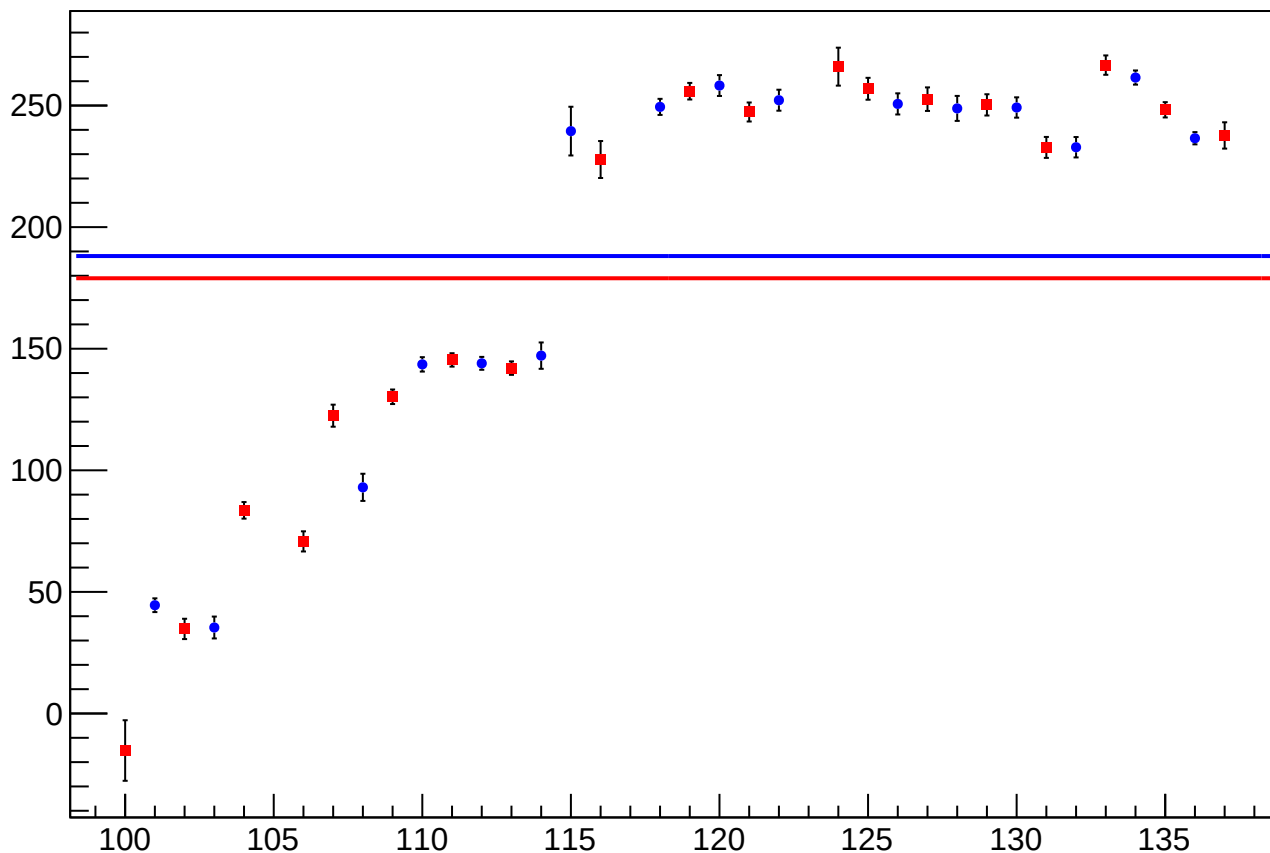
Right: -124.019+/-0.575 χ^2/NDF : 4603.6/34

In: -127.190+/-0.829 χ^2/NDF : 2178.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -124.019+/-0.575 χ^2/NDF : 4603.6/34

reg_asym_sam4_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 188.107+/-0.918 χ^2/NDF : 7118.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.971+/-0.908 χ^2/NDF : 6668.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

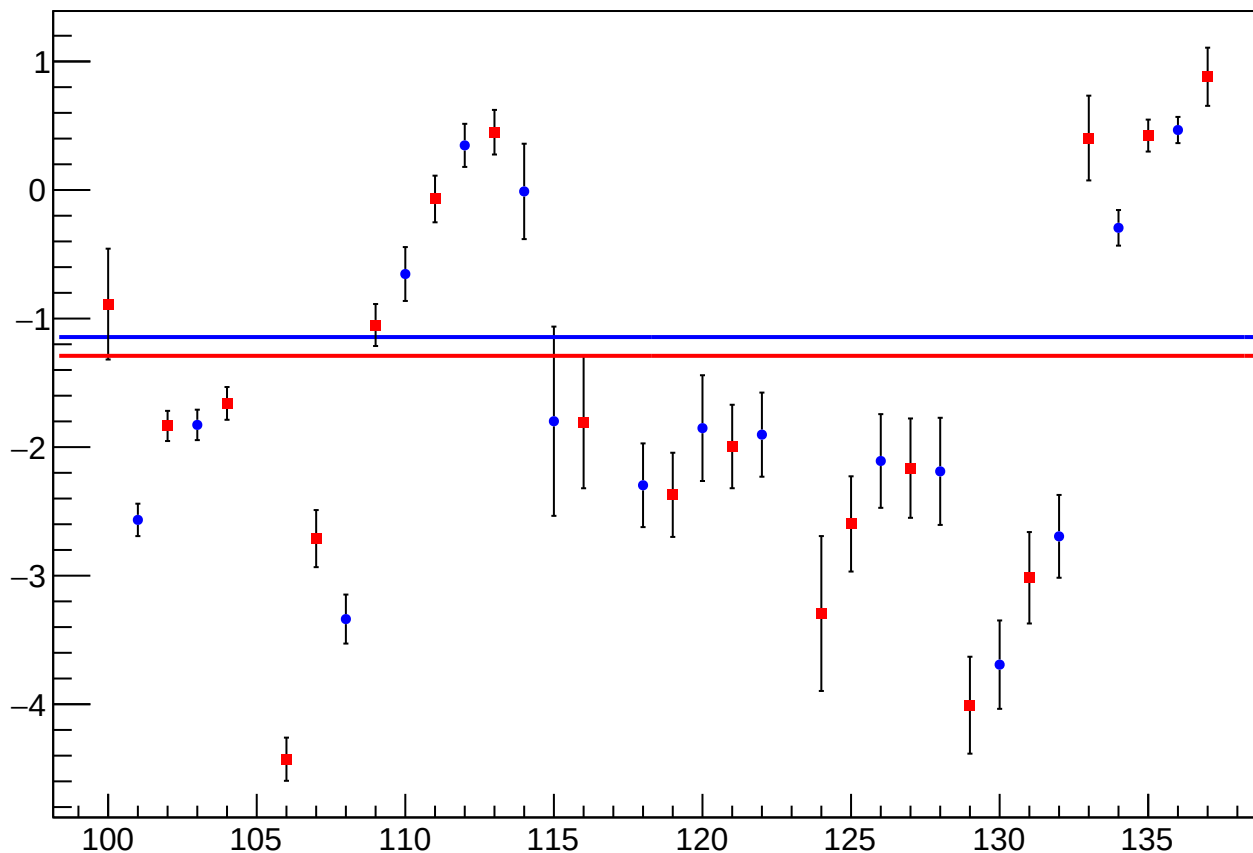
Right: 183.489+/-0.646 χ^2/NDF : 13837.5/34

In: 188.107+/-0.918 χ^2/NDF : 7118.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.489+/-0.646 χ^2/NDF : 13837.5/34

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.144+/-0.048 χ^2/NDF : 787.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.290+/-0.047 χ^2/NDF : 998.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

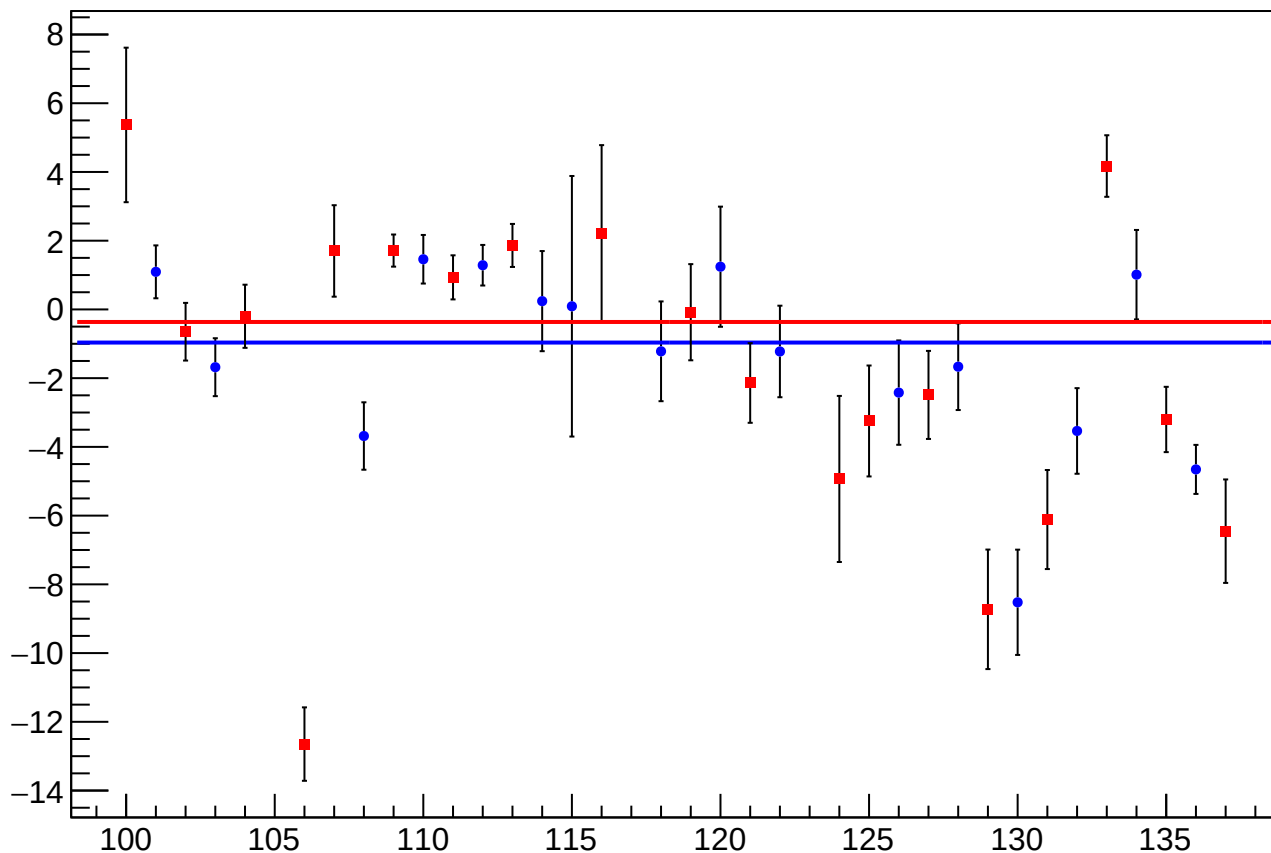
Right: -1.218+/-0.034 χ^2/NDF : 1790.3/34

In: -1.144+/-0.048 χ^2/NDF : 787.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.218+/-0.034 χ^2/NDF : 1790.3/34

reg_asym_sam5_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.964+/-0.253 χ^2/NDF : 103.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.365+/-0.224 χ^2/NDF : 280.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

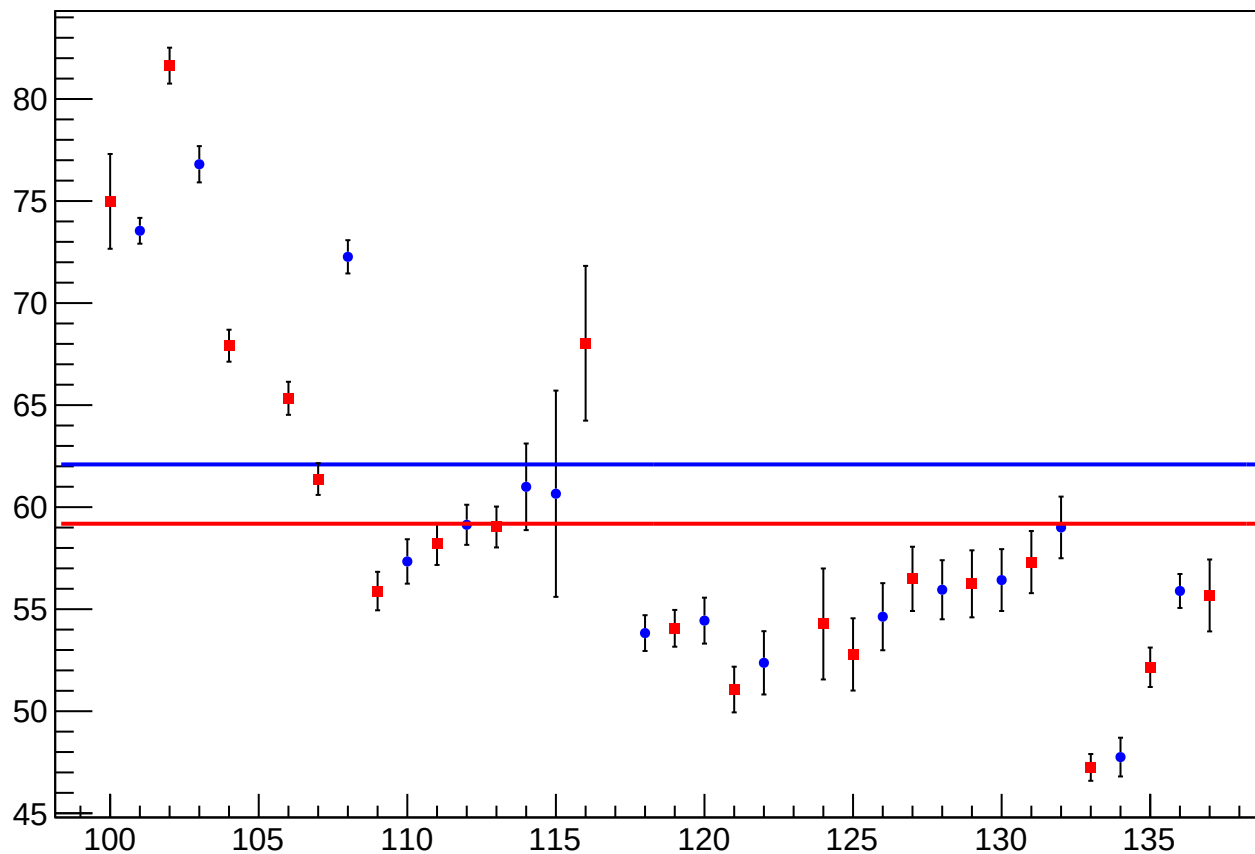
Right: -0.628+/-0.168 χ^2/NDF : 386.9/34

In: -0.964+/-0.253 χ^2/NDF : 103.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.628+/-0.168 χ^2/NDF : 386.9/34

reg_asym_sam5_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 62.094+/-0.265 χ^2/NDF : 1301.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.188+/-0.244 χ^2/NDF : 1402.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

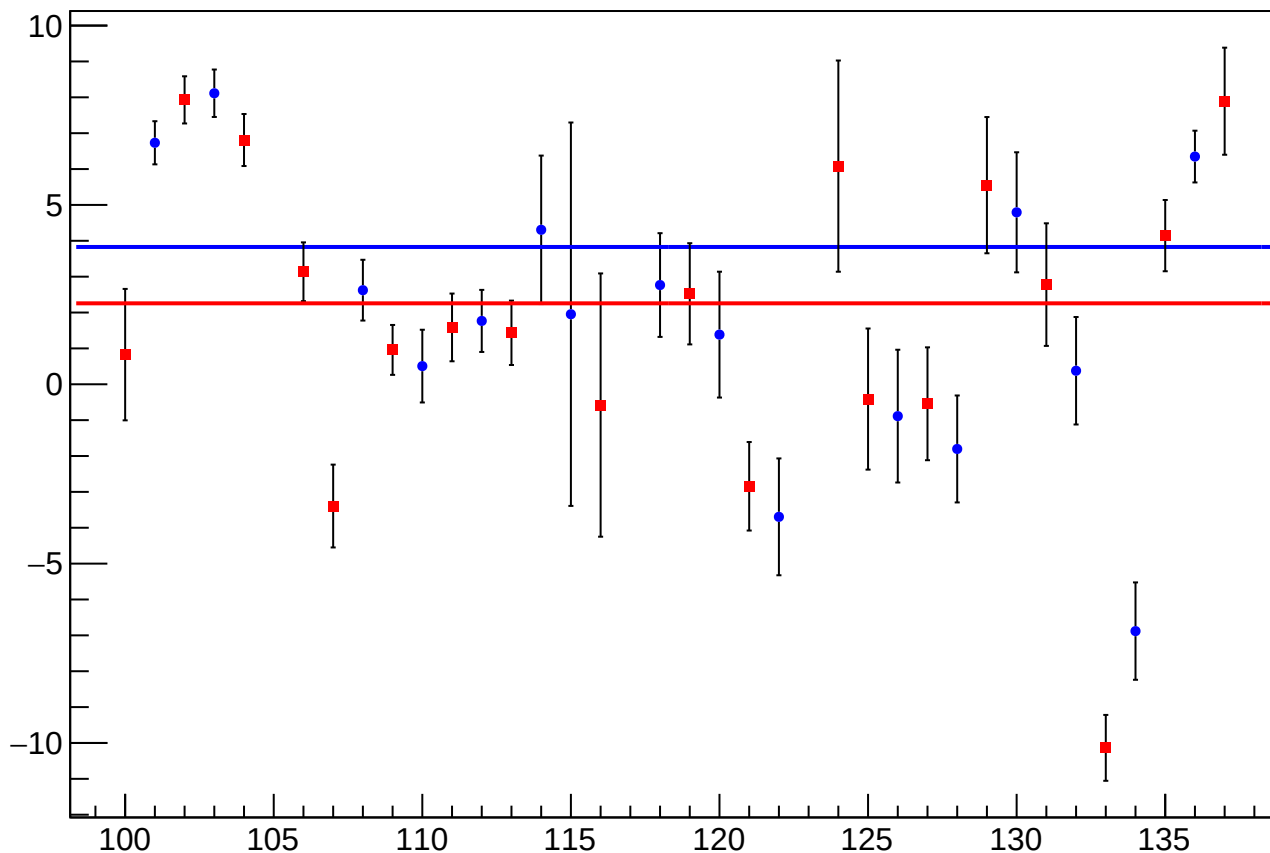
Right: 60.518+/-0.180 χ^2/NDF : 2768.4/34

In: 62.094+/-0.265 χ^2/NDF : 1301.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.518+/-0.180 χ^2/NDF : 2768.4/34

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.828 $\pm$ 0.265 χ^2 /NDF: 208.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.257 $\pm$ 0.246 χ^2 /NDF: 371.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

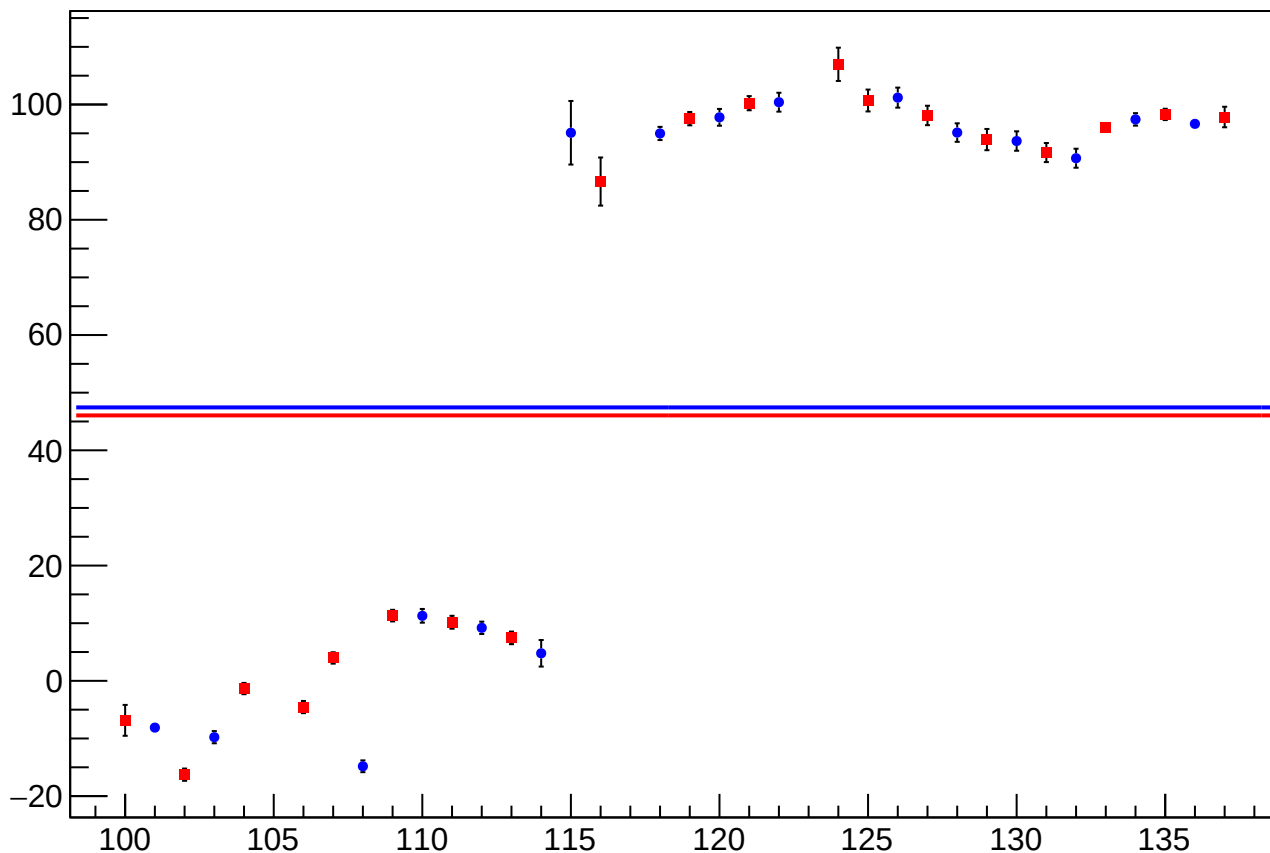
Right: 2.985 $\pm$ 0.181 χ^2 /NDF: 599.4/34

In: 3.828 $\pm$ 0.265 χ^2 /NDF:208.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.985 $\pm$ 0.181 χ^2 /NDF: 599.4/34

reg_asym_sam5_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.443+/-0.308 χ^2/NDF : 26886.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.053+/-0.284 χ^2/NDF : 28897.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

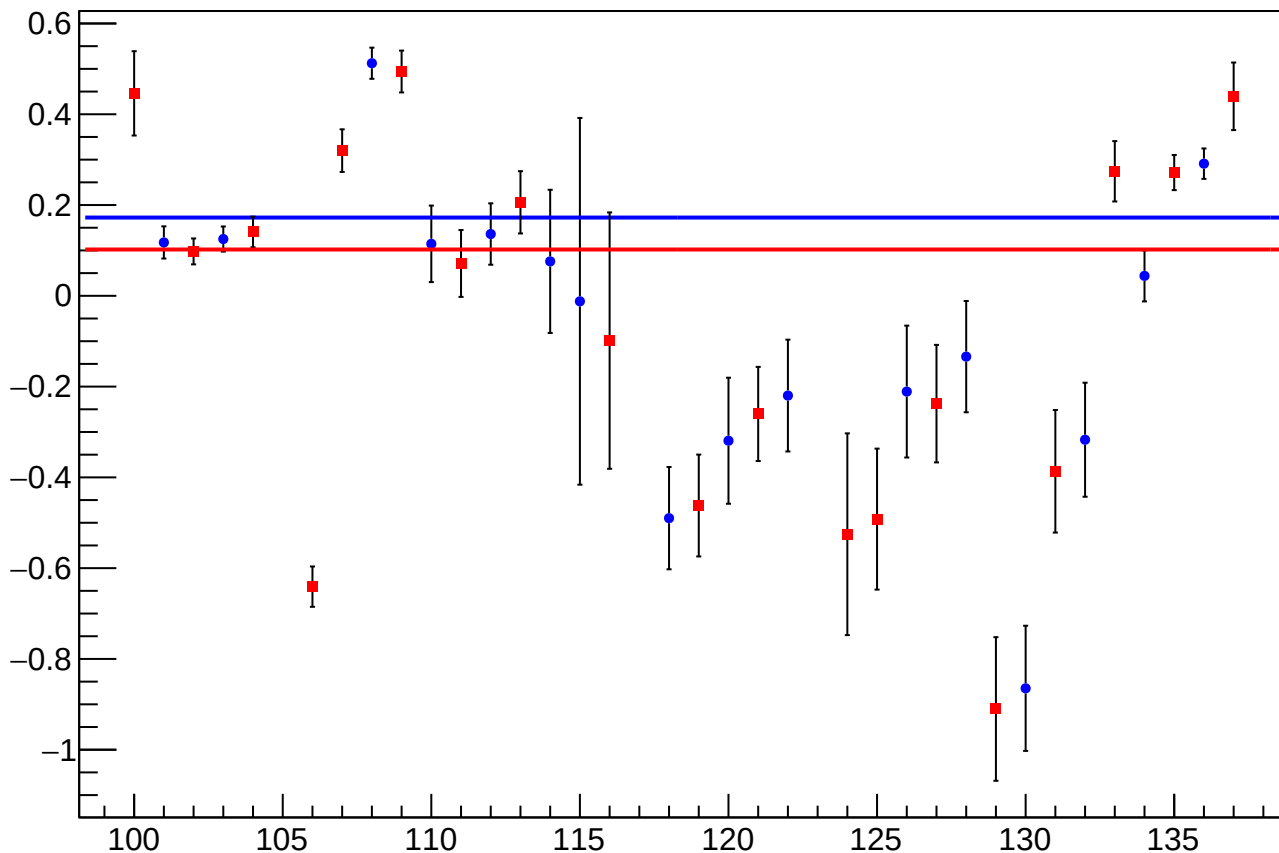
Right: 46.693+/-0.209 χ^2/NDF : 55795.7/34

In: 47.443+/-0.308 χ^2/NDF : 26886.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.693+/-0.209 χ^2/NDF : 55795.7/34

reg_asym_sam5_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.172 $\pm$ 0.014 χ^2 /NDF: 265.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.102 $\pm$ 0.013 χ^2 /NDF: 558.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

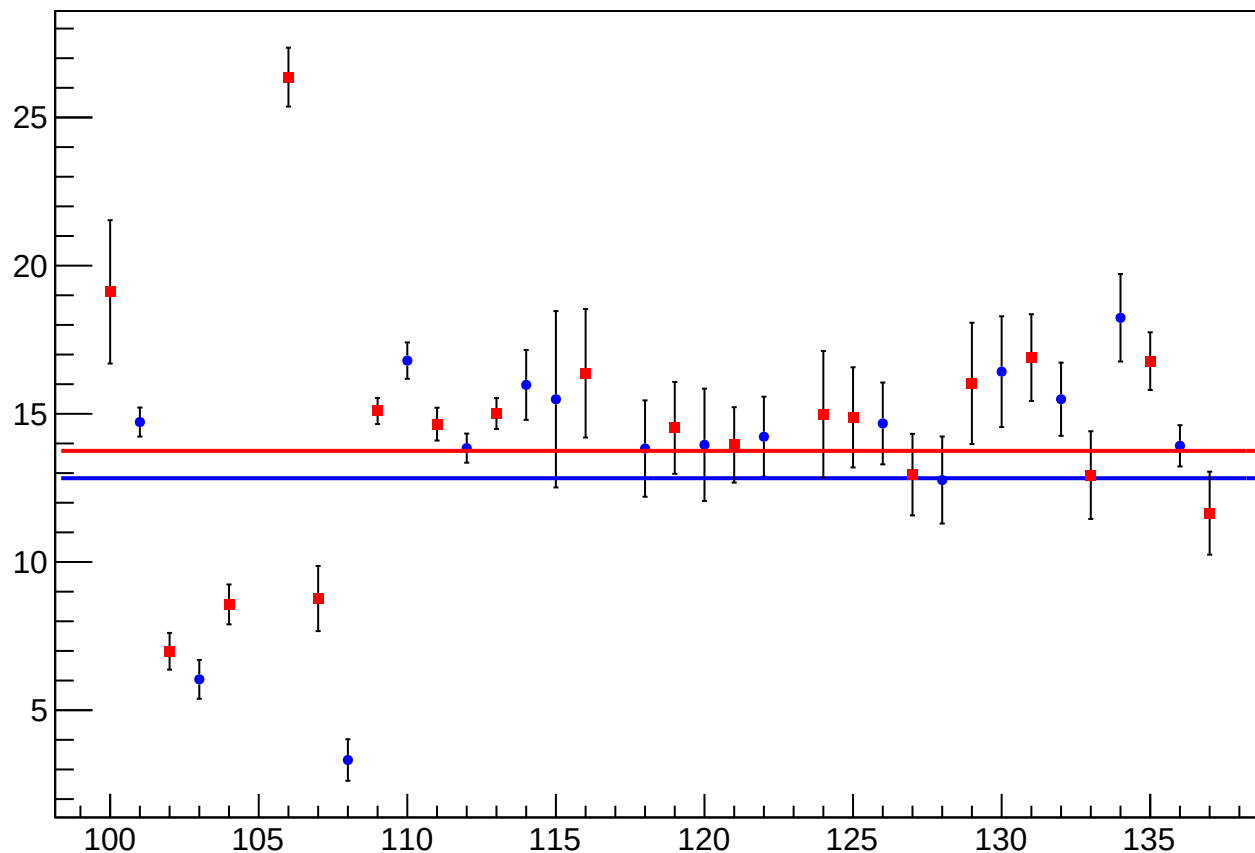
Right: 0.135 $\pm$ 0.010 χ^2 /NDF: 836.7/34

In: 0.172 $\pm$ 0.014 χ^2 /NDF:265.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.135 $\pm$ 0.010 χ^2 /NDF: 836.7/34

reg_asym_sam6_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 12.827+/-0.214 χ^2/NDF : 388.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.750+/-0.204 χ^2/NDF : 404.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

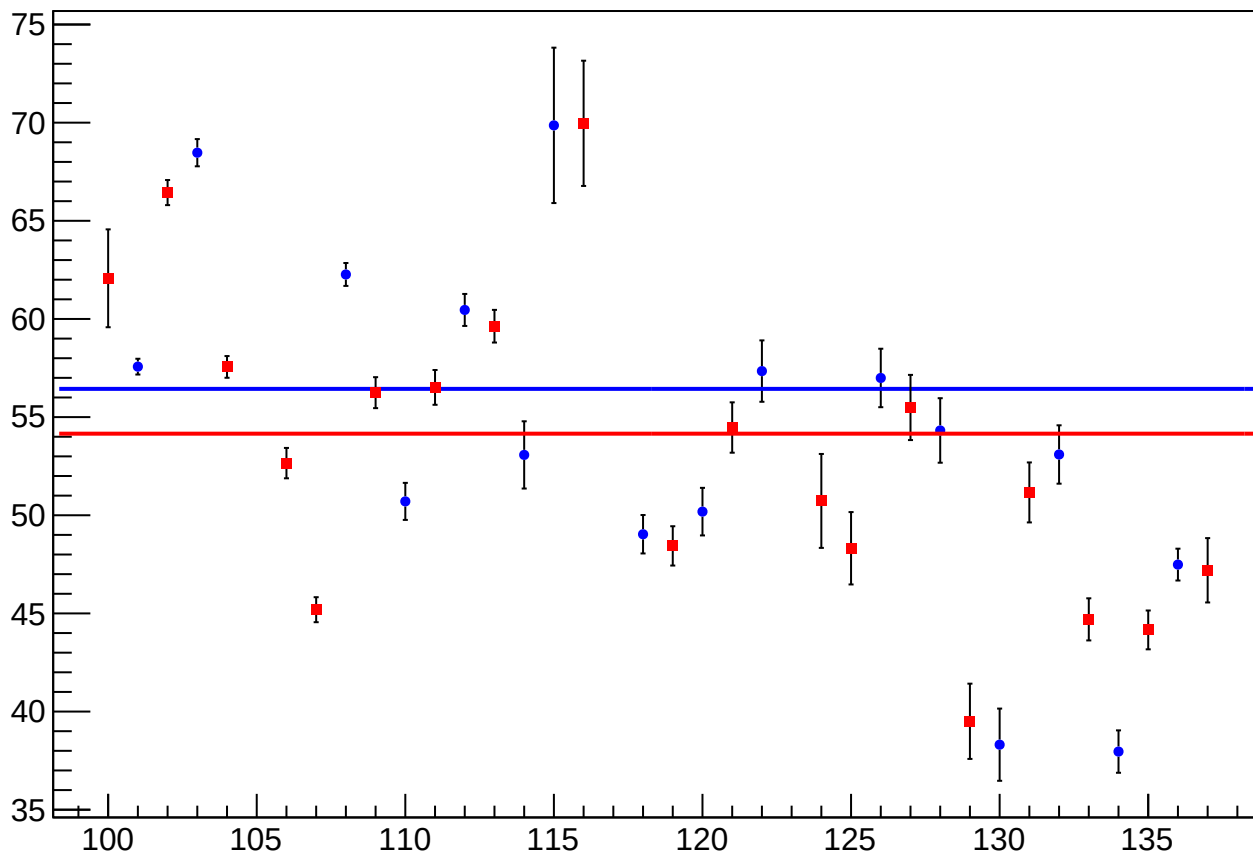
Right: 13.311+/-0.148 χ^2/NDF : 801.7/34

In: 12.827+/-0.214 χ^2/NDF : 388.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.311+/-0.148 χ^2/NDF : 801.7/34

reg_asym_sam6_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 56.438+/-0.222 χ^2/NDF : 1088.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.156+/-0.225 χ^2/NDF : 1006.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

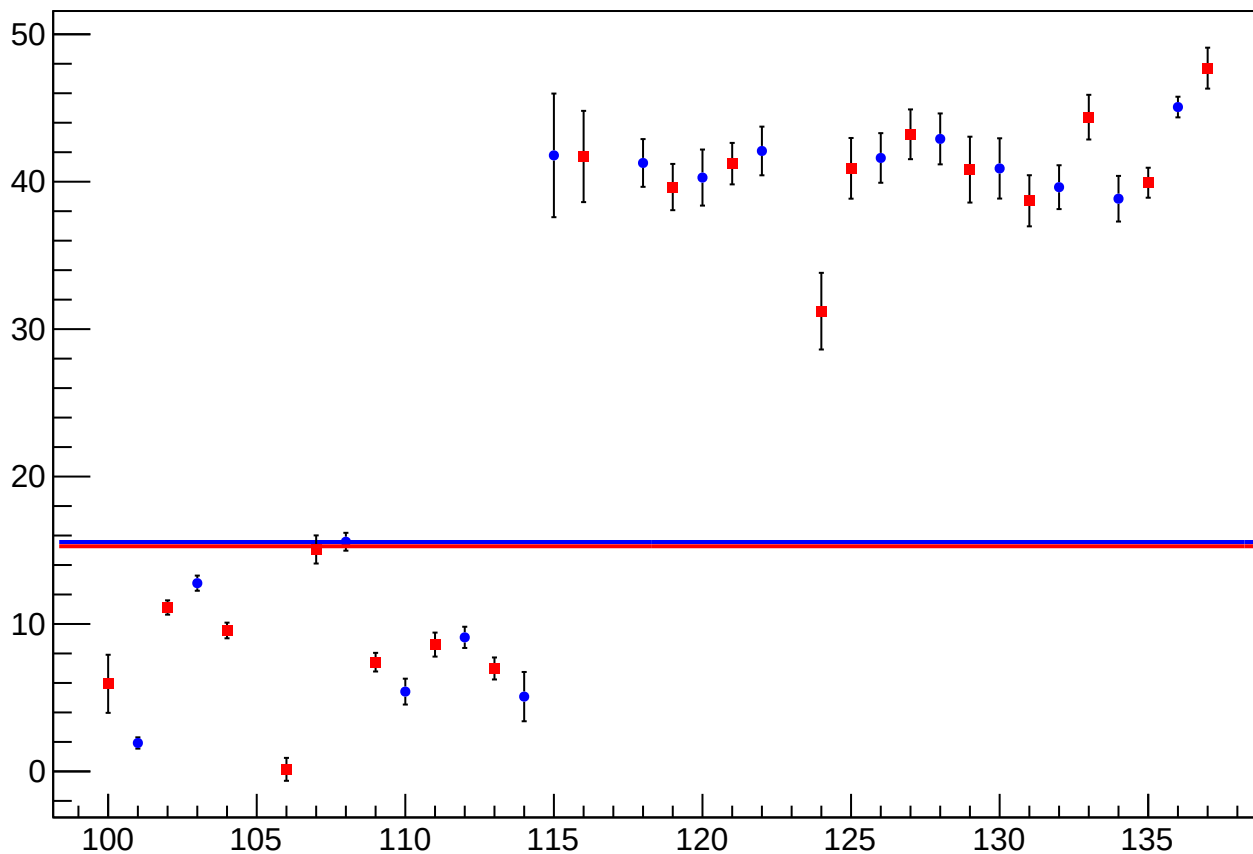
Right: 55.311+/-0.158 χ^2/NDF : 2146.9/34

In: 56.438+/-0.222 χ^2/NDF : 1088.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.311+/-0.158 χ^2/NDF : 2146.9/34

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.561+/-0.214 χ^2/NDF : 5176.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.272+/-0.219 χ^2/NDF : 3873.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

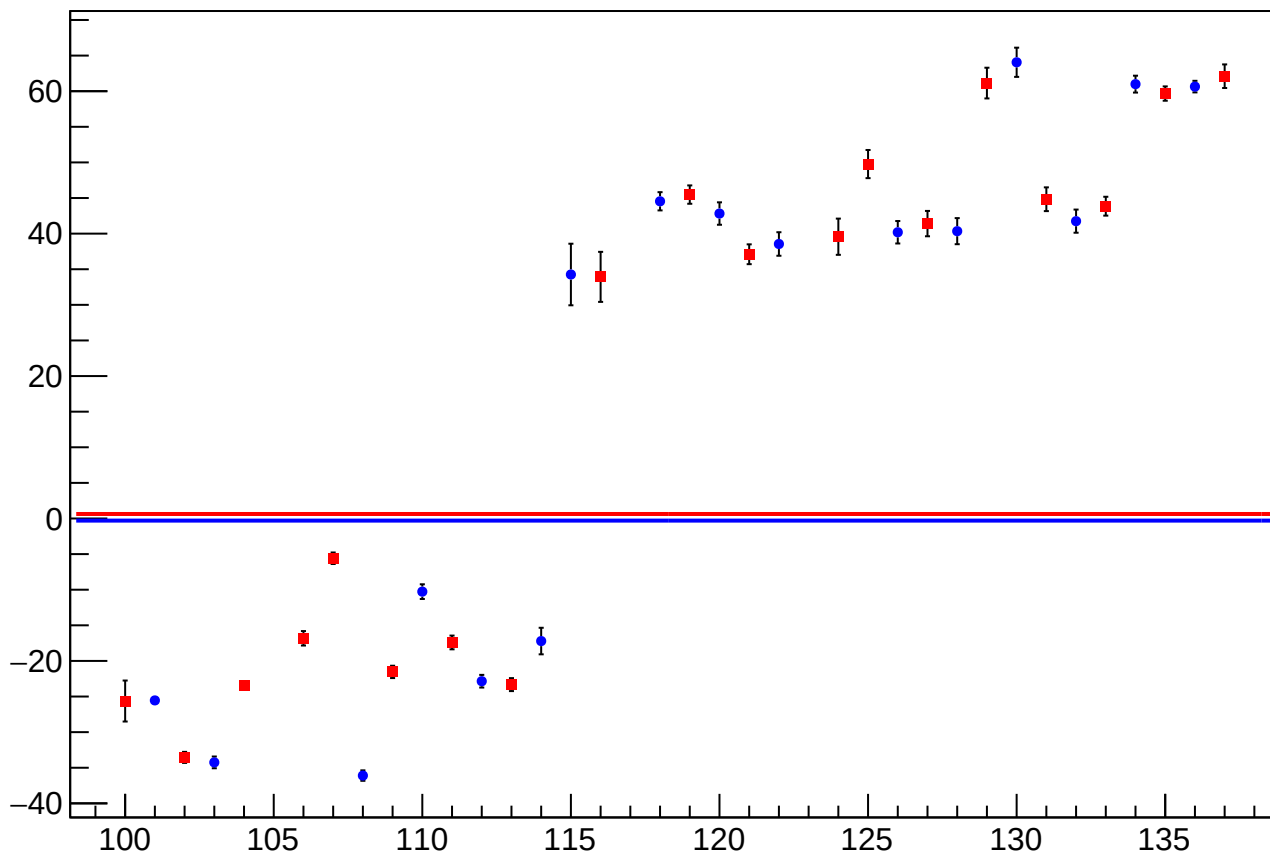
Right: 15.420+/-0.153 χ^2/NDF : 9050.0/34

In: 15.561+/-0.214 χ^2/NDF : 5176.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.420+/-0.153 χ^2/NDF : 9050.0/34

reg_asym_sam6_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.296+/-0.261 χ^2/NDF : 21030.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.633+/-0.264 χ^2/NDF : 16028.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

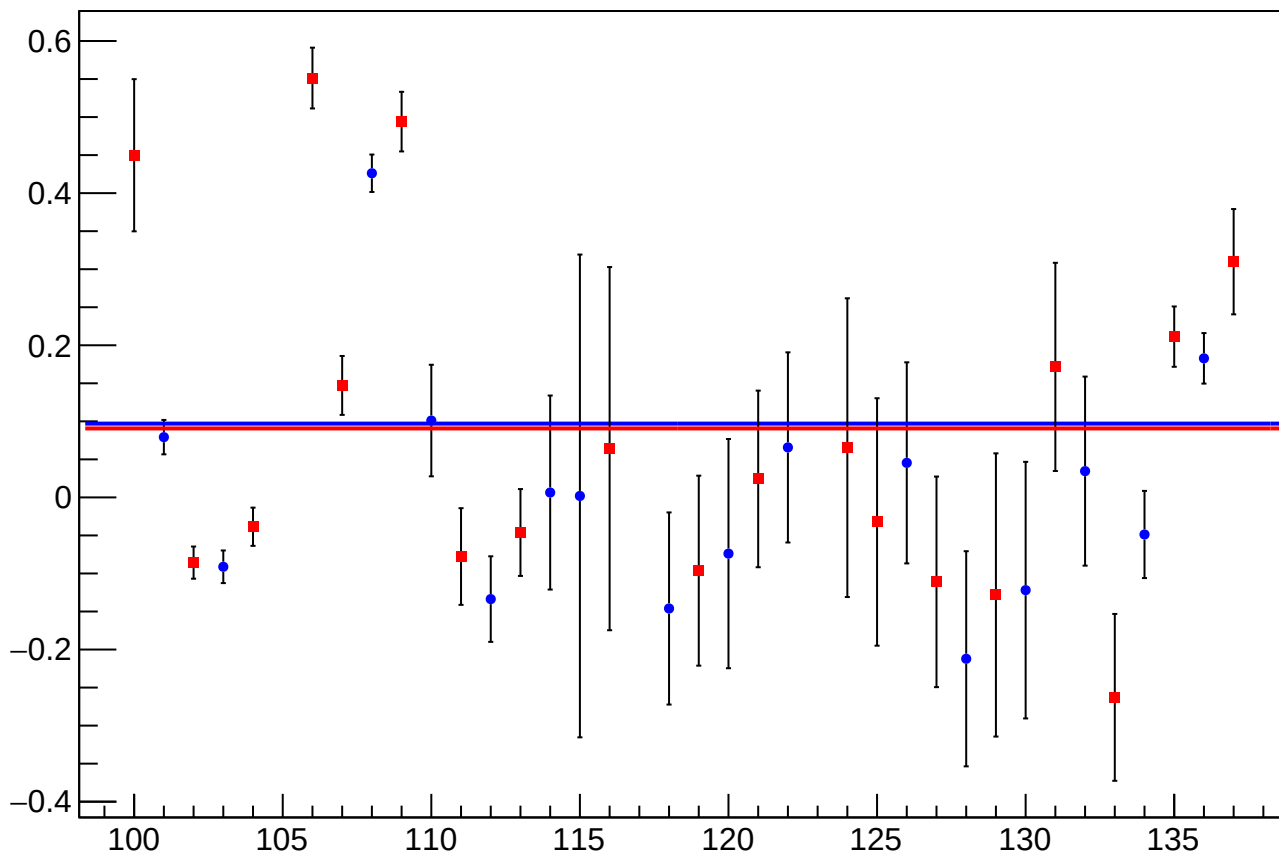
Right: 0.165+/-0.186 χ^2/NDF : 37065.2/34

In: -0.296+/-0.261 χ^2/NDF :21030.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.165+/-0.186 χ^2/NDF : 37065.2/34

reg_asym_sam6_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.097 $\pm$ 0.011 χ^2 /NDF: 299.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.091 $\pm$ 0.011 χ^2 /NDF: 399.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

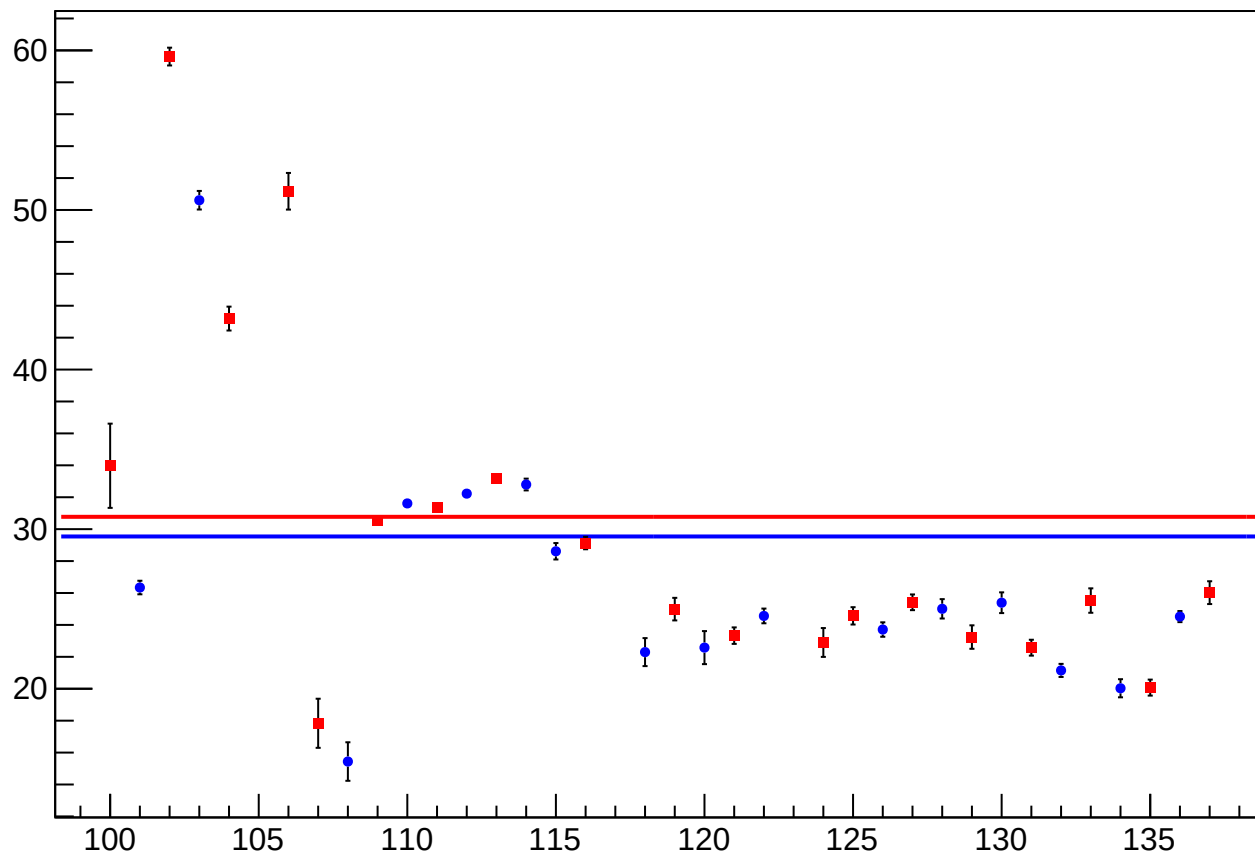
Right: 0.094 $\pm$ 0.008 χ^2 /NDF: 698.7/34

In: 0.097 $\pm$ 0.011 χ^2 /NDF:299.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.094 $\pm$ 0.008 χ^2 /NDF: 698.7/34

reg_asym_sam7_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.542+/-0.092 χ^2/NDF : 3372.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.774+/-0.080 χ^2/NDF : 5079.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

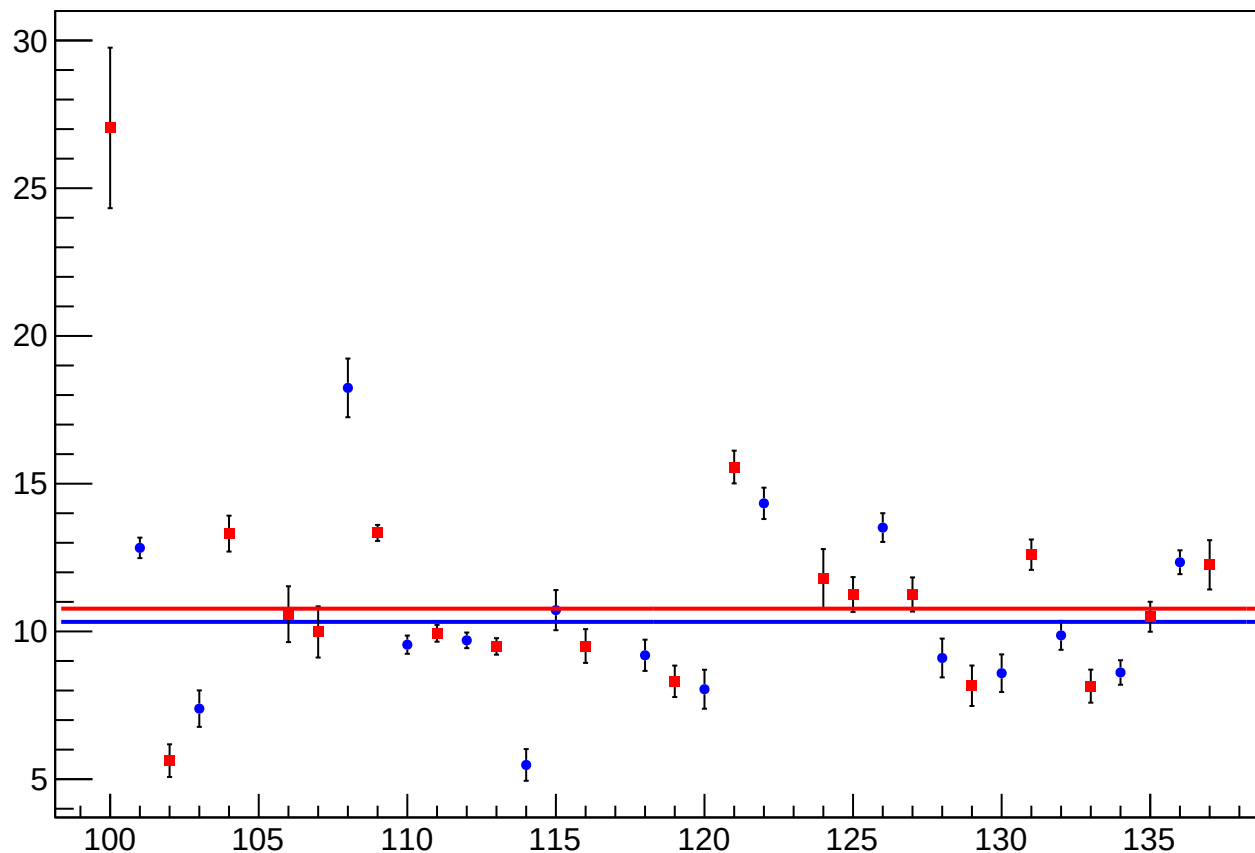
Right: 30.242+/-0.060 χ^2/NDF : 8553.4/34

In: 29.542+/-0.092 χ^2/NDF : 3372.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.242+/-0.060 χ^2/NDF : 8553.4/34

reg_asym_sam7_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.324+/-0.114 χ^2/NDF : 402.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.771+/-0.113 χ^2/NDF : 415.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

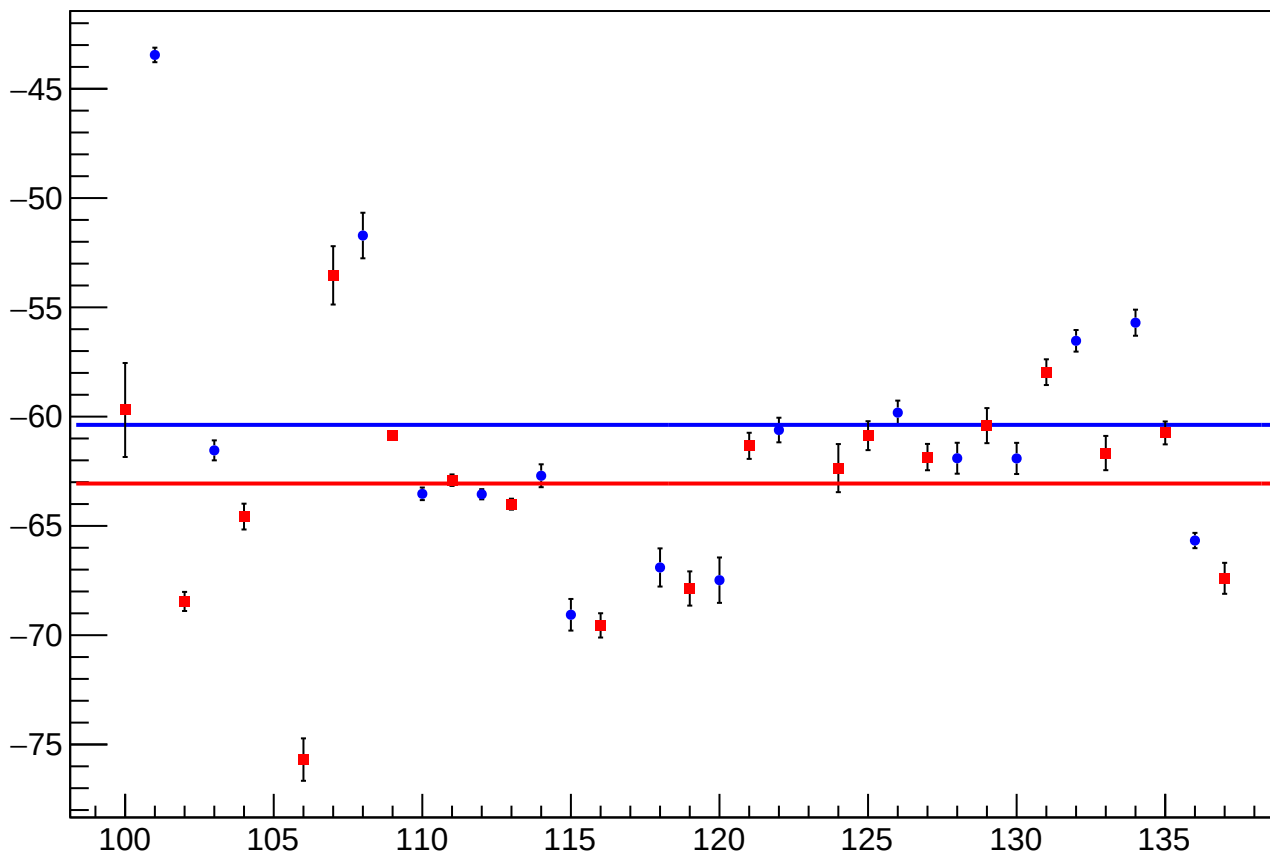
Right: 10.550+/-0.080 χ^2/NDF : 826.2/34

In: 10.324+/-0.114 χ^2/NDF : 402.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.550+/-0.080 χ^2/NDF : 826.2/34

reg_asym_sam7_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -60.377 ± 0.113 χ^2/NDF : 3597.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.061 ± 0.107 χ^2/NDF : 844.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

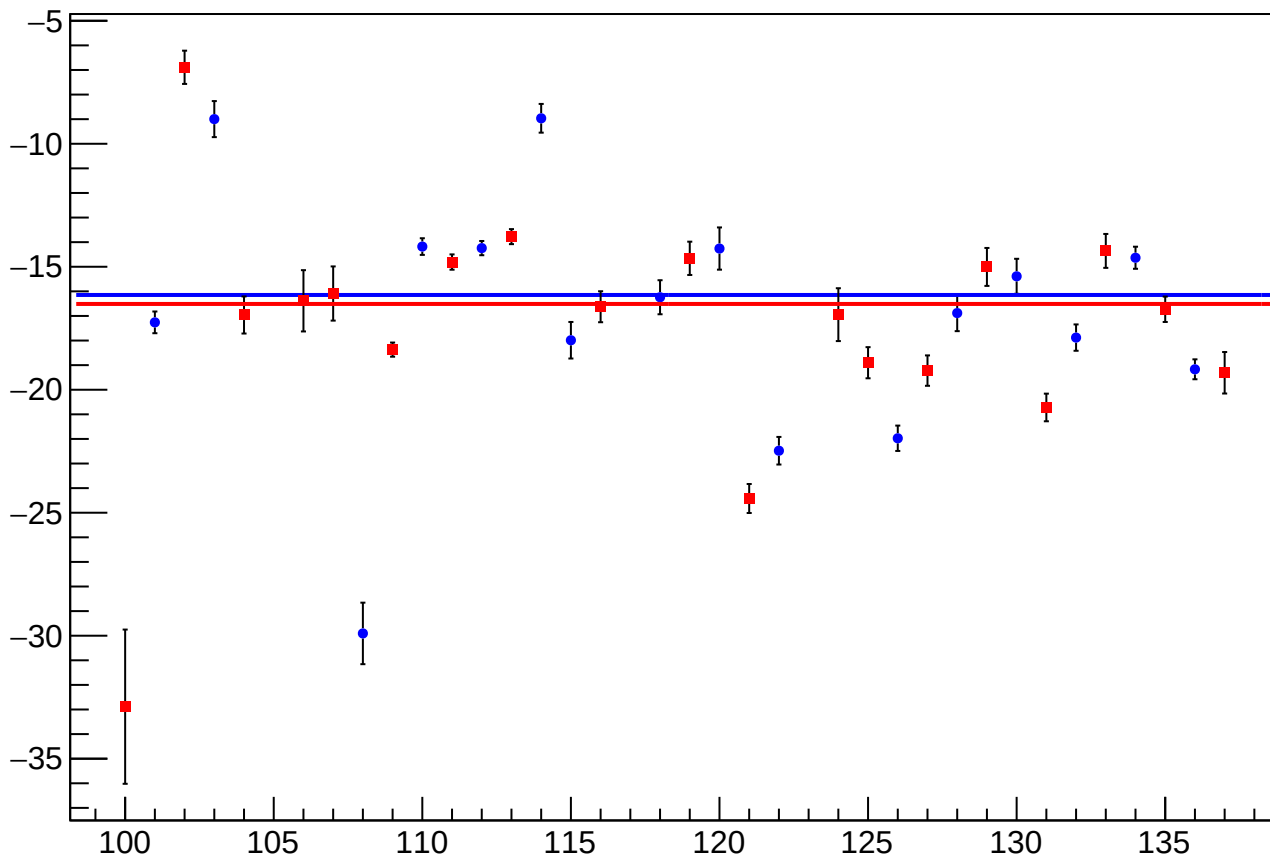
Right: -61.789 ± 0.078 χ^2/NDF : 4738.4/34

In: -60.377 ± 0.113 χ^2/NDF : 3597.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.789 ± 0.078 χ^2/NDF : 4738.4/34

reg_asym_sam7_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -16.147 ± 0.127 χ^2/NDF : 797.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.512 ± 0.125 χ^2/NDF : 684.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

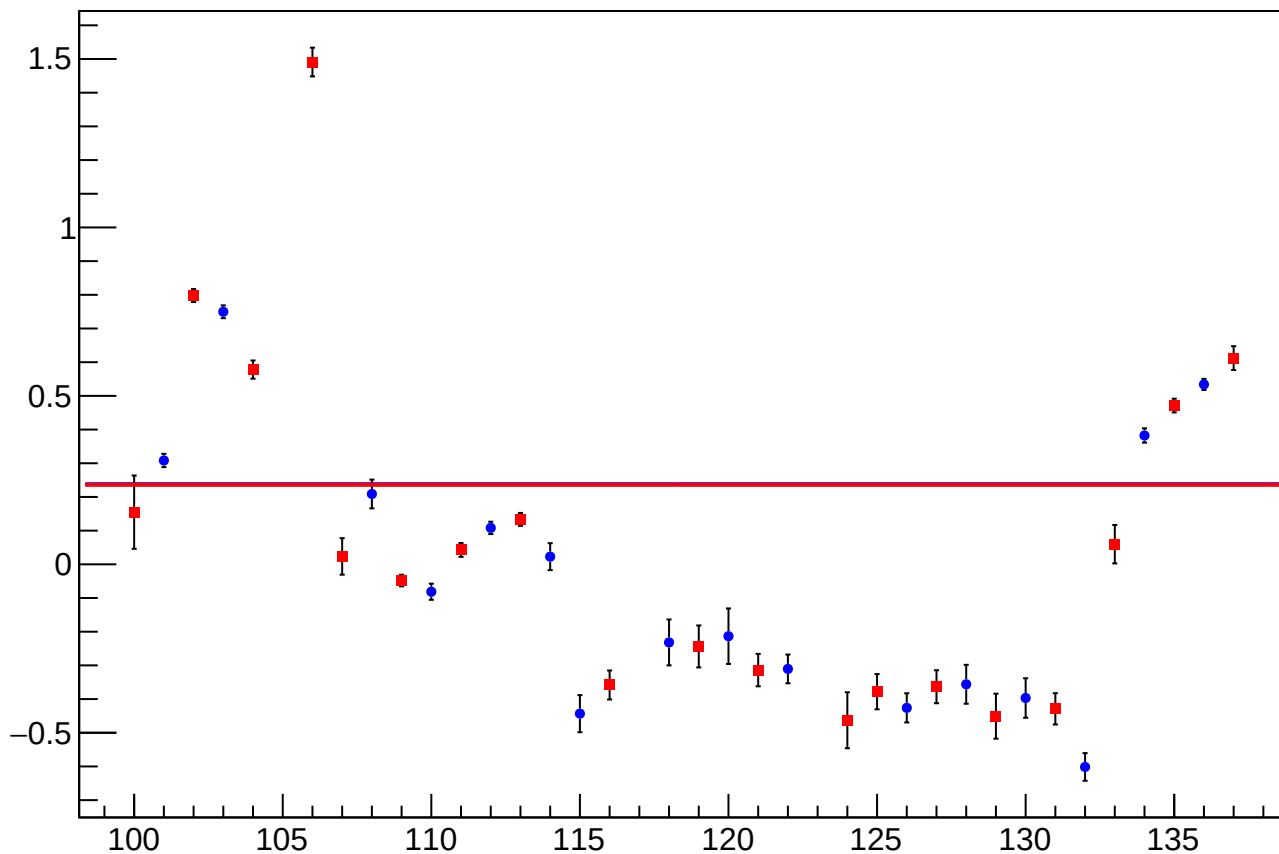
Right: -16.333 ± 0.089 χ^2/NDF : 1486.0/34

In: -16.147 ± 0.127 χ^2/NDF : 797.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.333 ± 0.089 χ^2/NDF : 1486.0/34

reg_asym_sam7_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.238+/-0.007 χ^2/NDF : 2632.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.236+/-0.007 χ^2/NDF : 3595.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

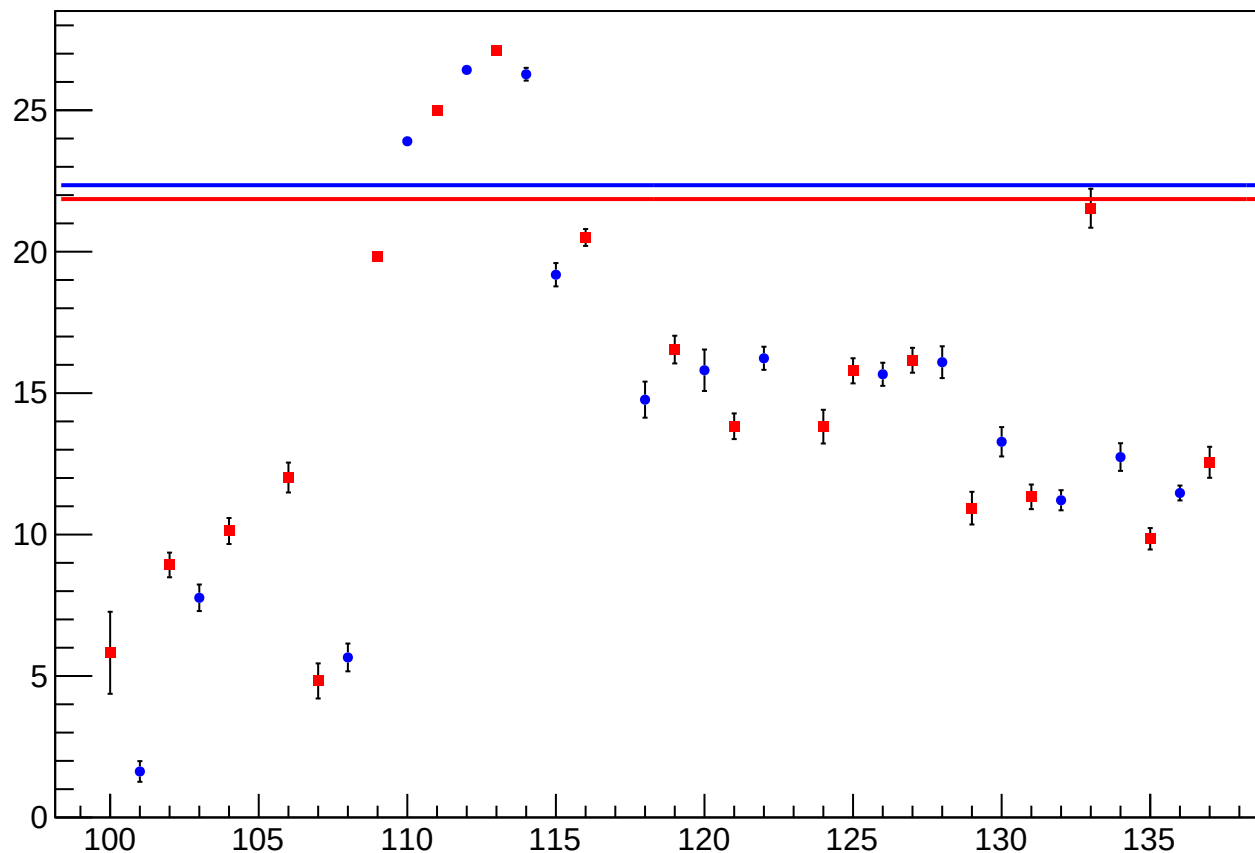
Right: 0.237+/-0.005 χ^2/NDF : 6227.9/34

In: 0.238+/-0.007 χ^2/NDF :2632.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.237+/-0.005 χ^2/NDF : 6227.9/34

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.350 $\pm$ 0.057 χ^2 /NDF: 12336.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.859 $\pm$ 0.046 χ^2 /NDF: 10692.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

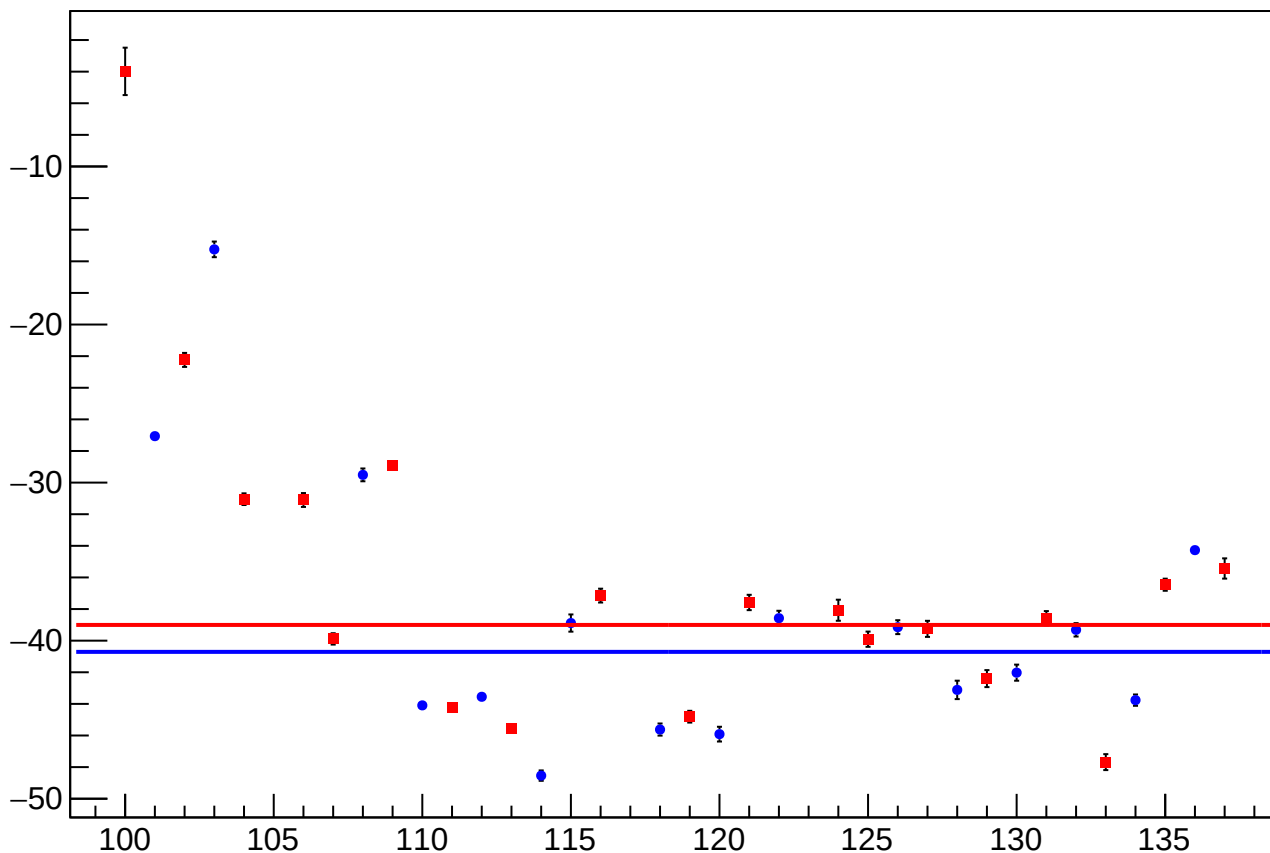
Right: 22.056 $\pm$ 0.036 χ^2 /NDF: 23074.3/34

In: 22.350 $\pm$ 0.057 χ^2 /NDF:12336.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 22.056 $\pm$ 0.036 χ^2 /NDF: 23074.3/34

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.709 ± 0.076 $\chi^2/\text{NDF}: 7780.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.005 ± 0.071 $\chi^2/\text{NDF}: 10101.3/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

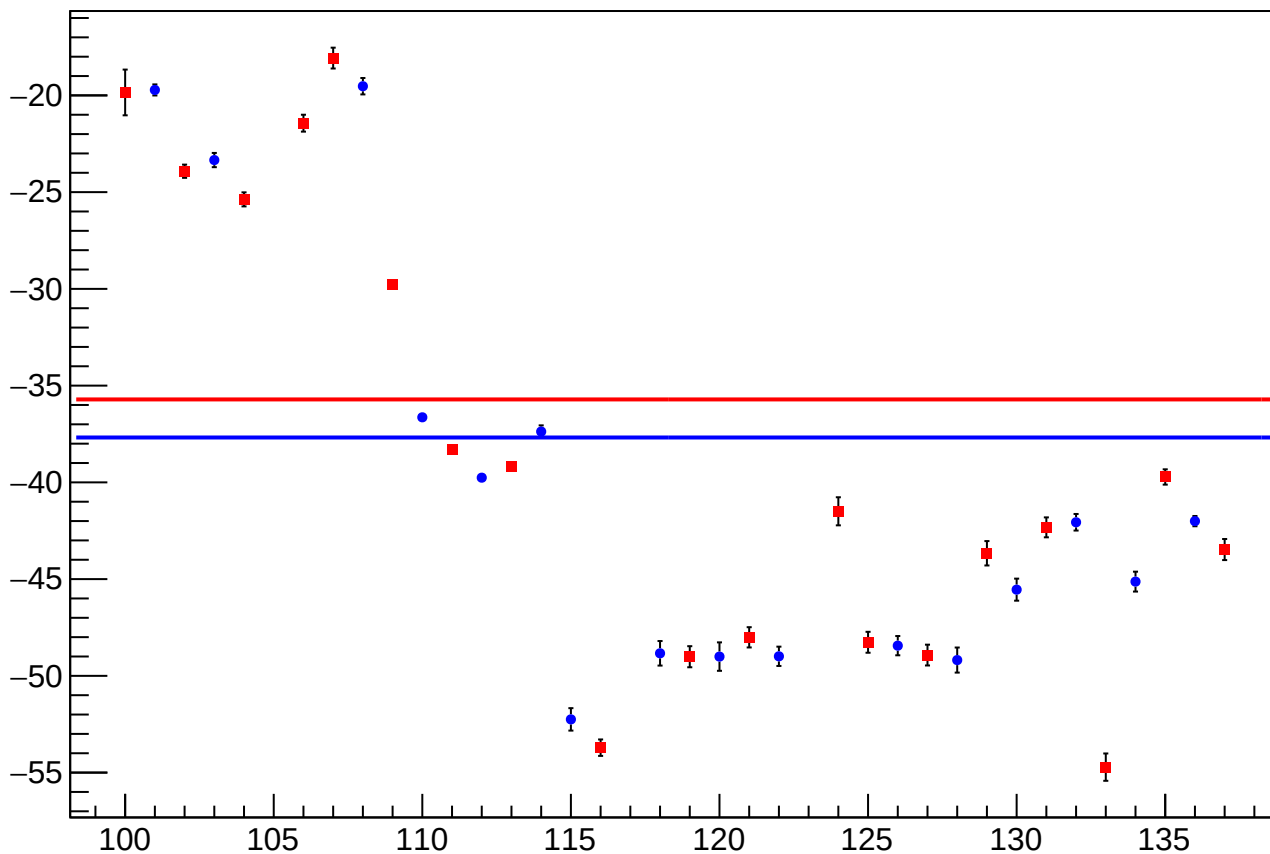
Right: -39.794 ± 0.052 $\chi^2/\text{NDF}: 18148.1/34$

In: -40.709 ± 0.076 $\chi^2/\text{NDF}: 7780.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.794 ± 0.052 $\chi^2/\text{NDF}: 18148.1/34$

reg_asym_sam8_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -37.681 ± 0.074 χ^2/NDF : 10853.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.714 ± 0.064 χ^2/NDF : 13274.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

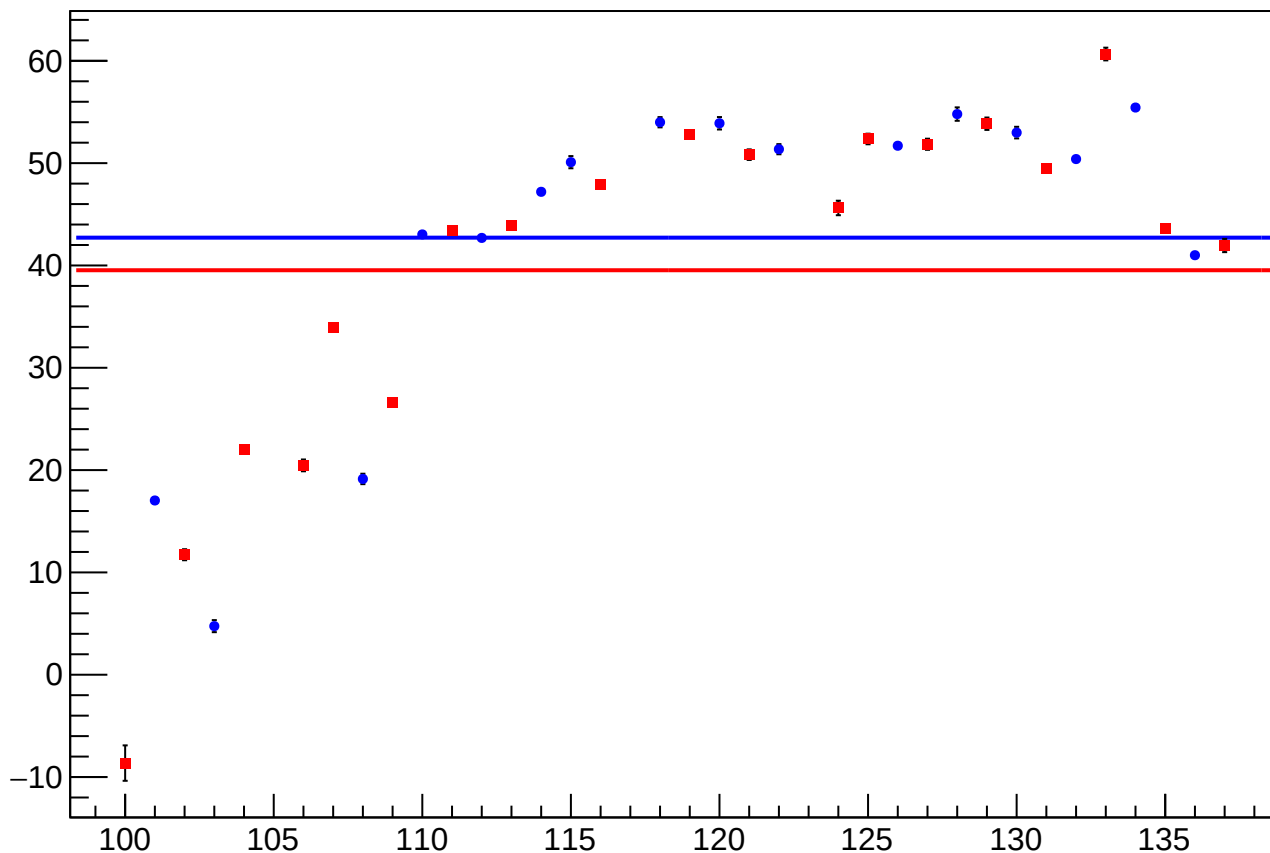
Right: -36.564 ± 0.048 χ^2/NDF : 24532.6/34

In: -37.681 ± 0.074 χ^2/NDF : 10853.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.564 ± 0.048 χ^2/NDF : 24532.6/34

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.718+/-0.085 χ^2/NDF : 14765.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.533+/-0.078 χ^2/NDF : 17978.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

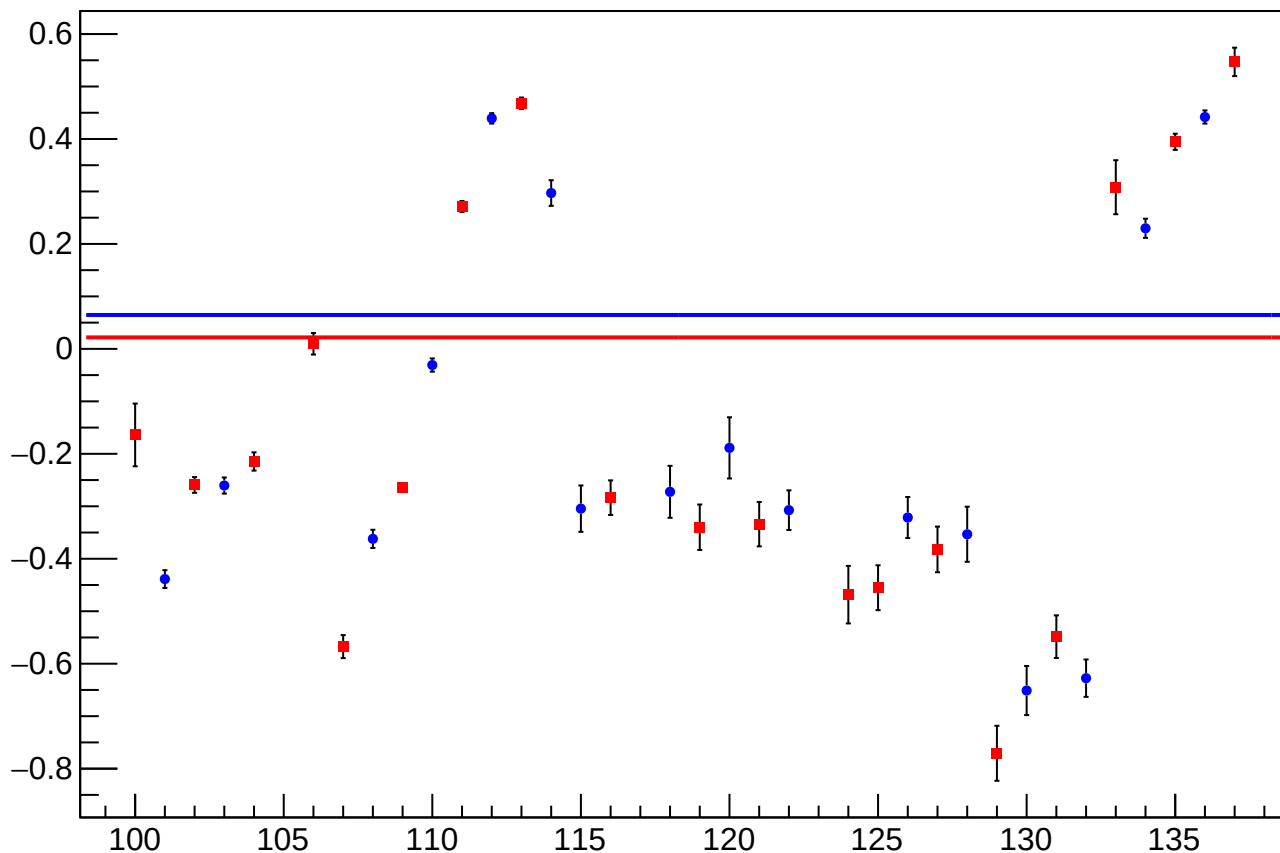
Right: 40.991+/-0.058 χ^2/NDF : 33503.2/34

In: 42.718+/-0.085 χ^2/NDF : 14765.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.991+/-0.058 χ^2/NDF : 33503.2/34

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.065+/-0.005 χ^2/NDF : 5497.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.022+/-0.004 χ^2/NDF : 6405.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

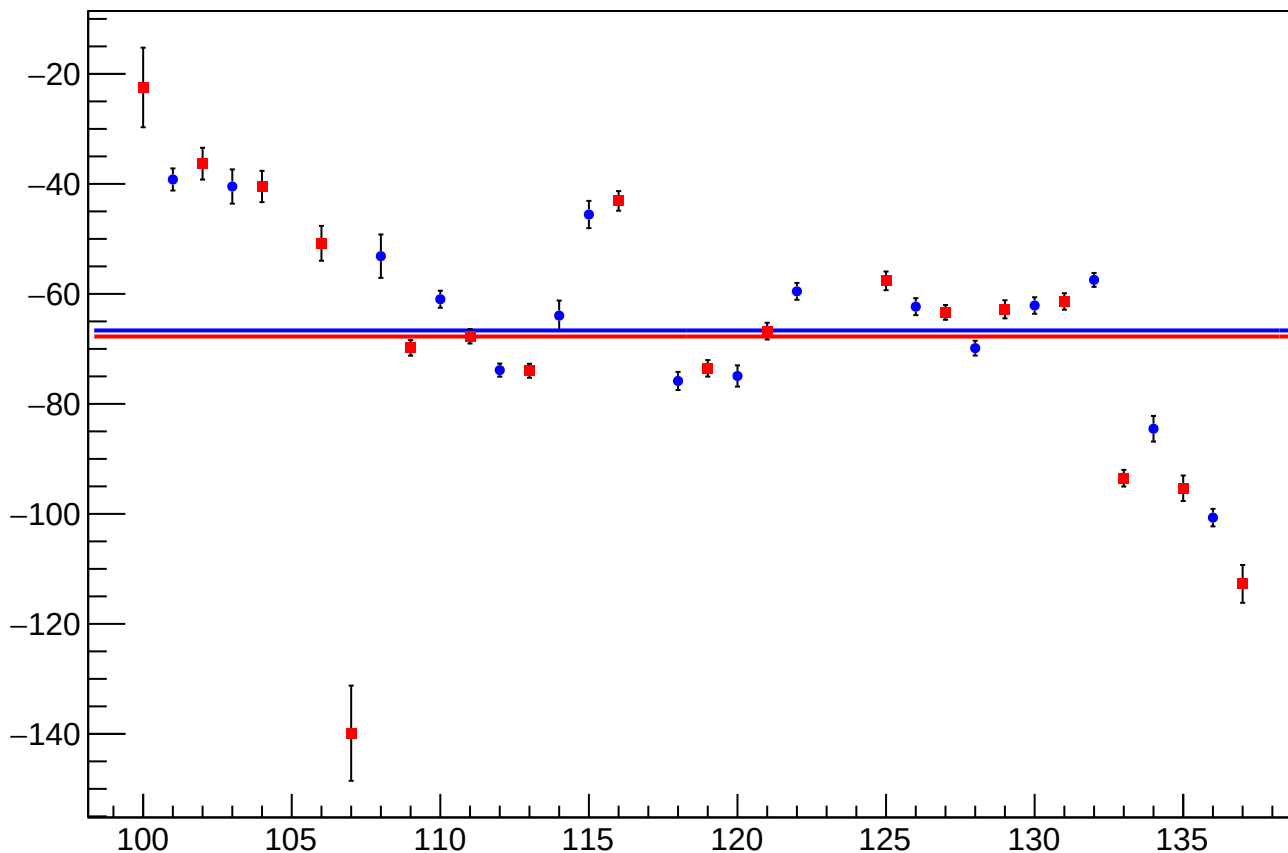
Right: 0.041+/-0.003 χ^2/NDF : 11945.6/34

In: 0.065+/-0.005 χ^2/NDF :5497.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.041+/-0.003 χ^2/NDF : 11945.6/34

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -66.648 $\pm$ 0.426 χ^2 /NDF: 1052.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -67.755 $\pm$ 0.419 χ^2 /NDF: 1255.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

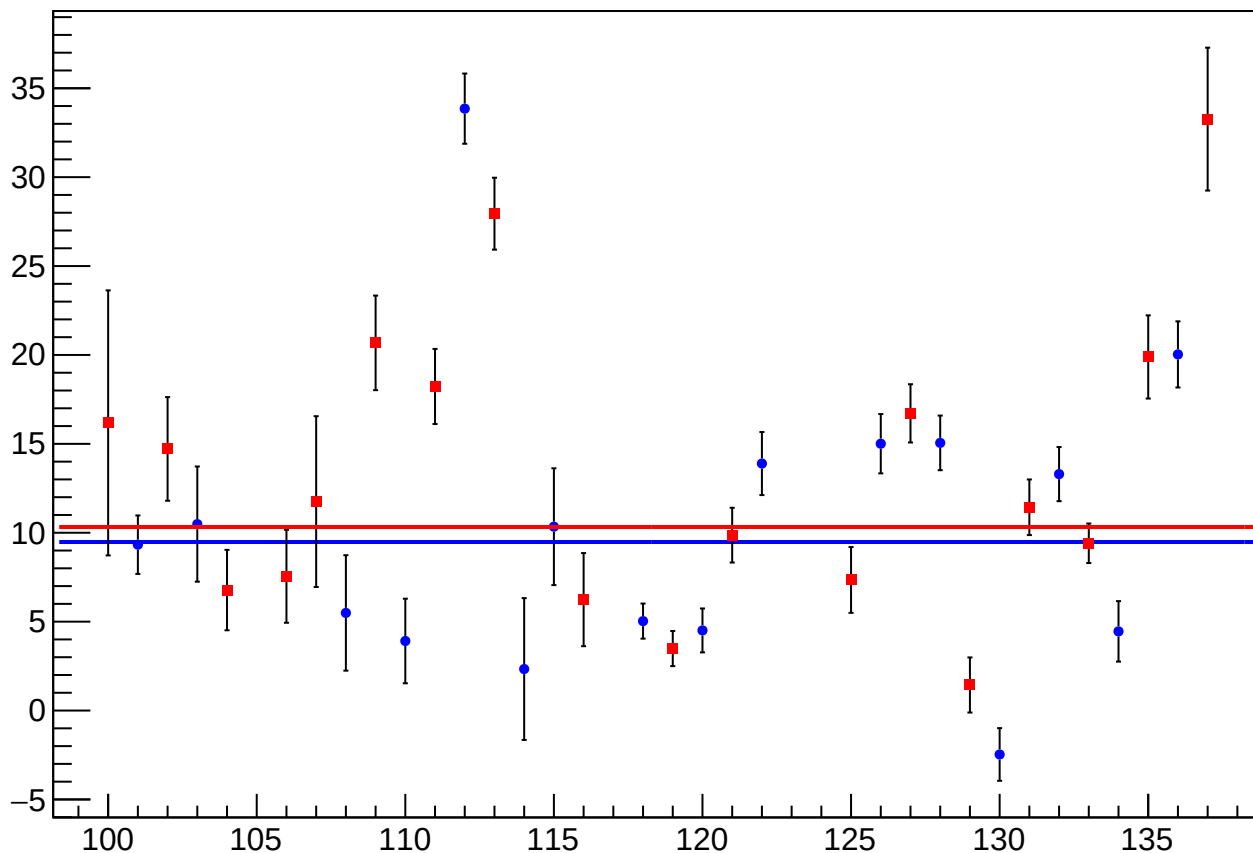
Right: -67.210 $\pm$ 0.299 χ^2 /NDF: 2311.2/33

In: -66.648 $\pm$ 0.426 χ^2 /NDF:1052.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -67.210 $\pm$ 0.299 χ^2 /NDF: 2311.2/33

reg_asym_usl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.480+/-0.428 χ^2/NDF : 341.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.324+/-0.436 χ^2/NDF : 263.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

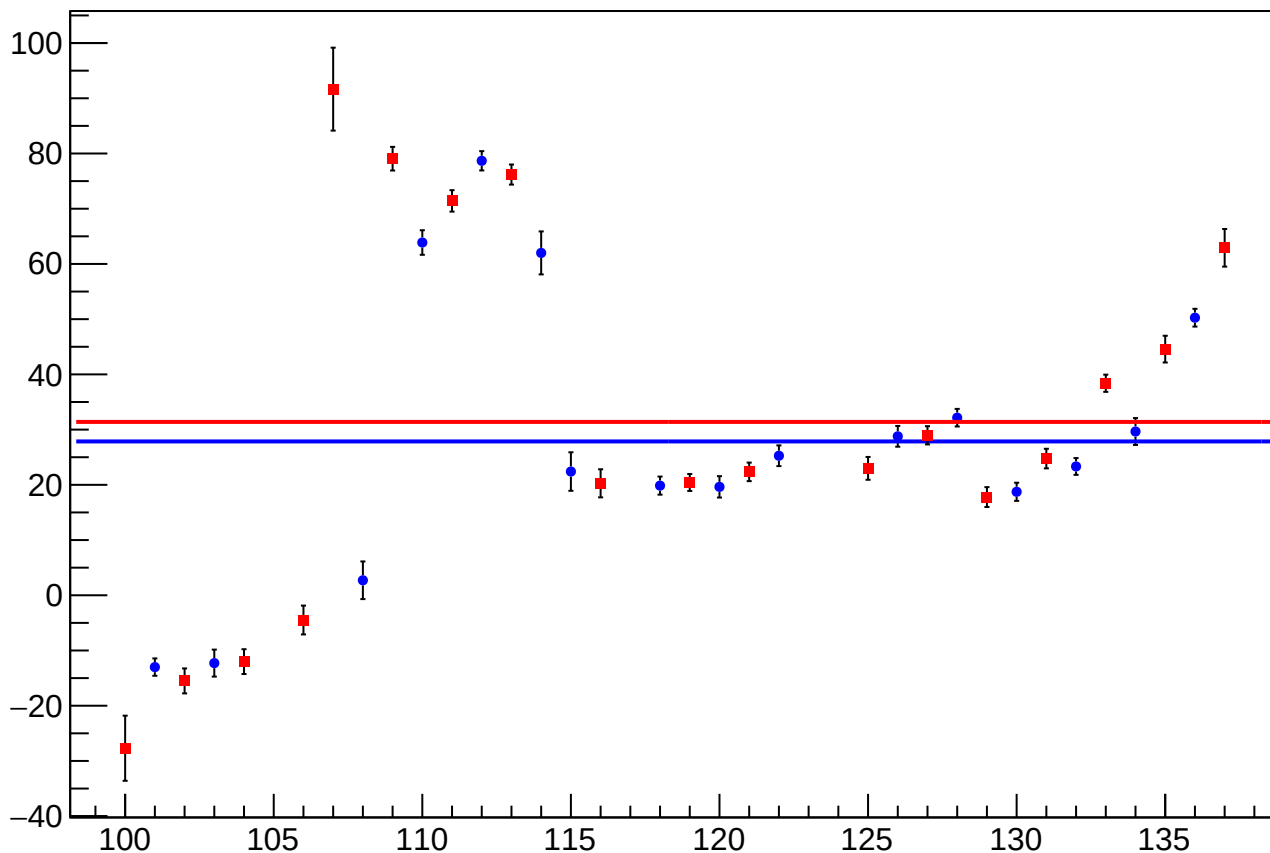
Right: 9.895+/-0.305 χ^2/NDF : 607.3/33

In: 9.480+/-0.428 χ^2/NDF : 341.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.895+/-0.305 χ^2/NDF : 607.3/33

reg_asym_usl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 27.860+/-0.482 χ^2 /NDF: 2474.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 31.394+/-0.488 χ^2 /NDF: 3011.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

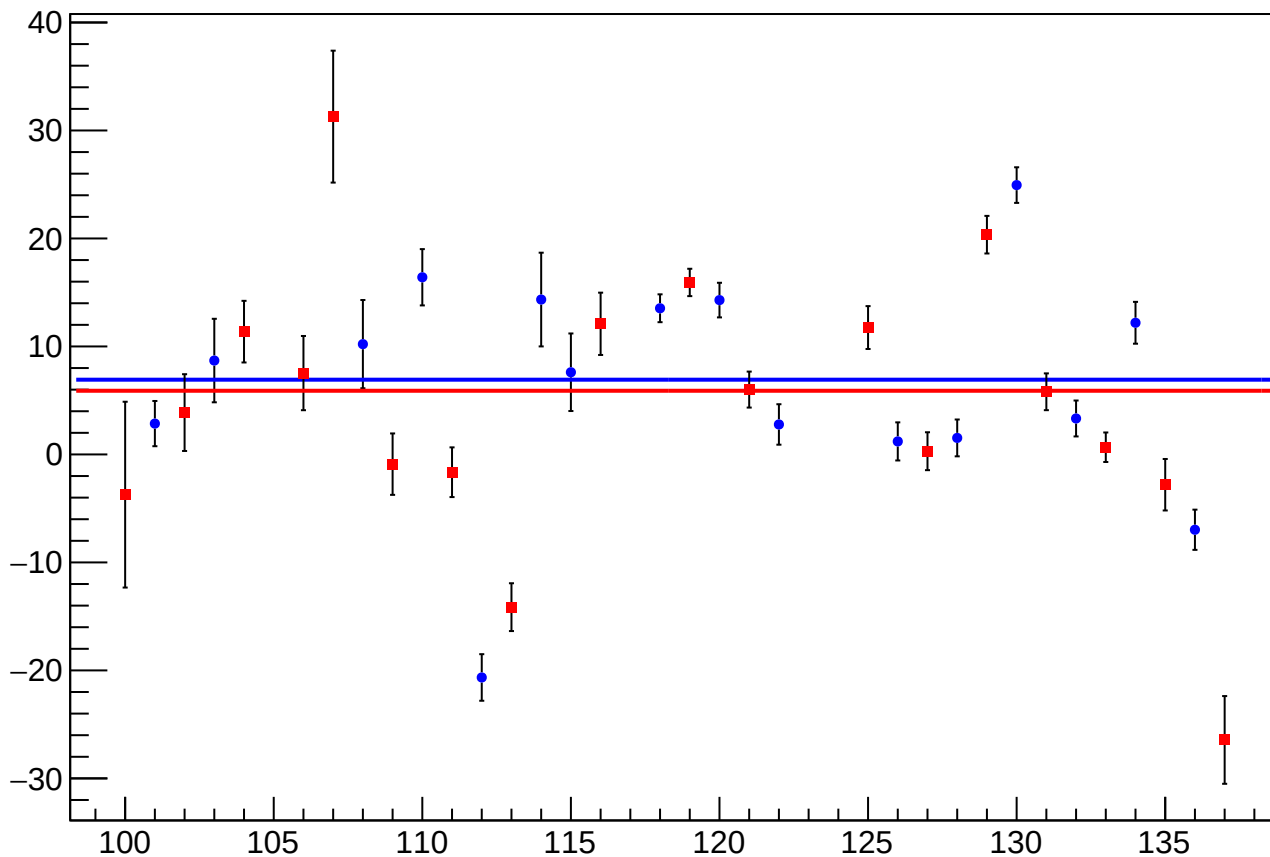
Right: 29.608+/-0.343 χ^2 /NDF: 5511.9/33

In: 27.860+/-0.482 χ^2 /NDF:2474.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.608+/-0.343 χ^2 /NDF: 5511.9/33

reg_asym_usl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 6.922+/-0.496 χ^2/NDF : 444.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.896+/-0.502 χ^2/NDF : 367.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

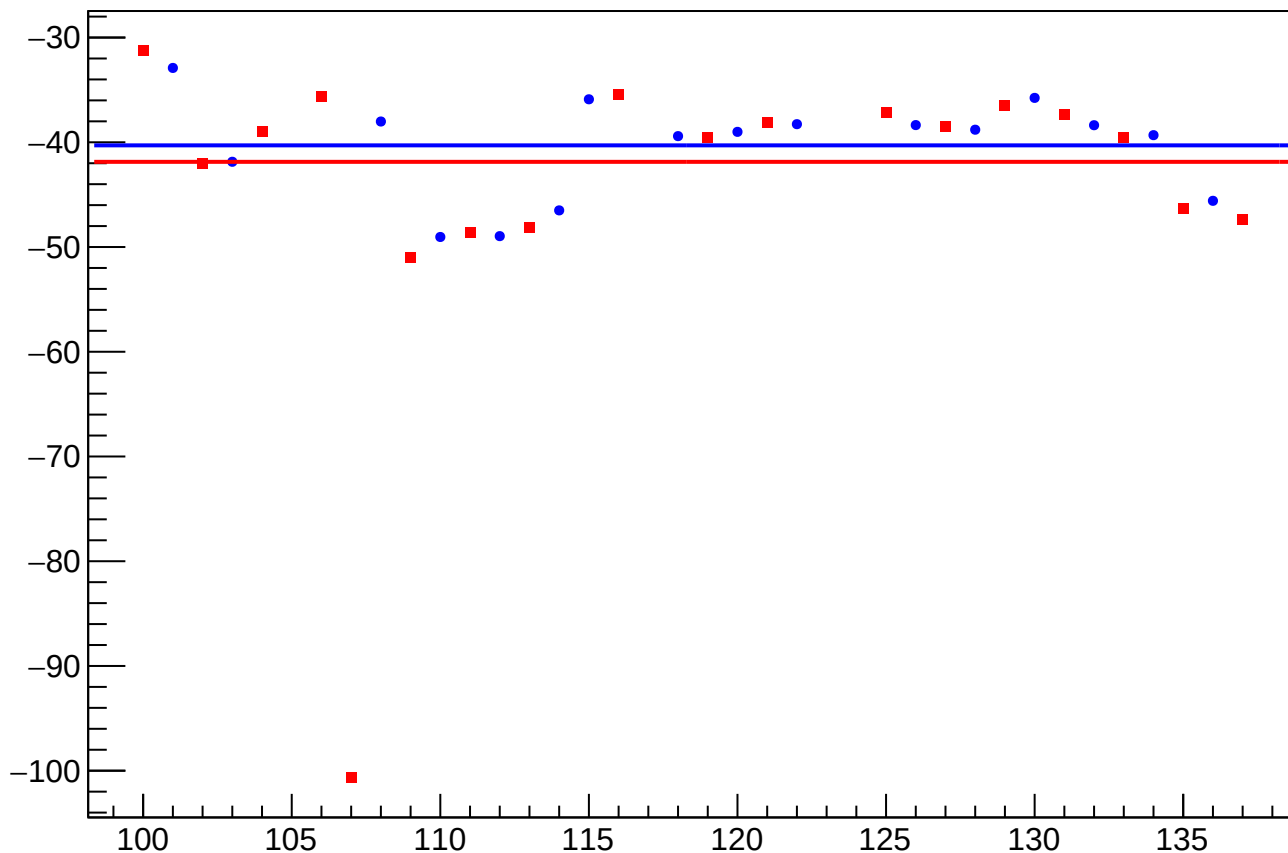
Right: 6.415+/-0.353 χ^2/NDF : 814.1/33

In: 6.922+/-0.496 χ^2/NDF :444.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.415+/-0.353 χ^2/NDF : 814.1/33

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.293+/-0.031 χ^2/NDF : 20663.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -41.867+/-0.032 χ^2/NDF : 58734.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

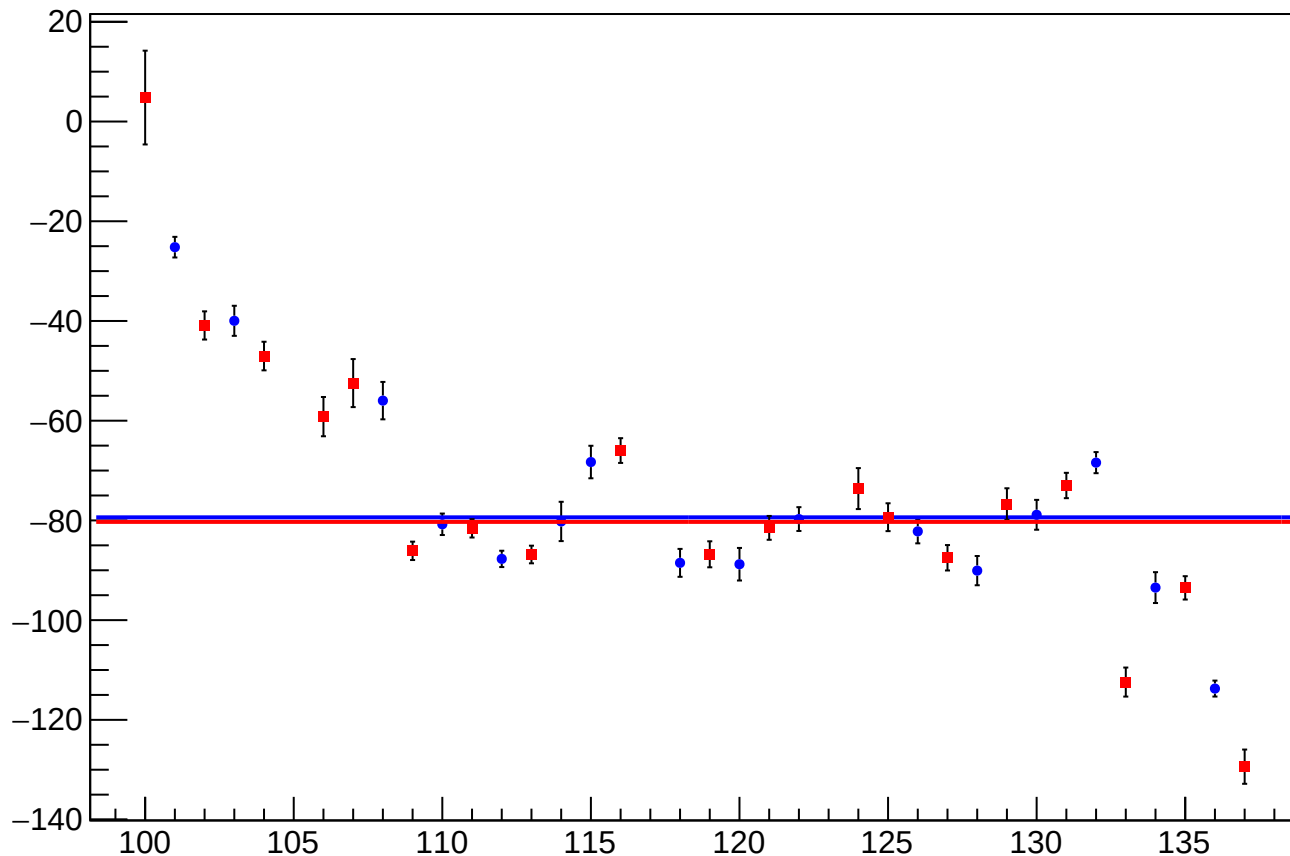
Right: -41.063+/-0.022 χ^2/NDF : 80626.6/33

In: -40.293+/-0.031 χ^2/NDF :20663.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -41.063+/-0.022 χ^2/NDF : 80626.6/33

reg_asym_usr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -79.382 ± 0.611 χ^2/NDF : 1475.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -80.294 ± 0.604 χ^2/NDF : 914.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

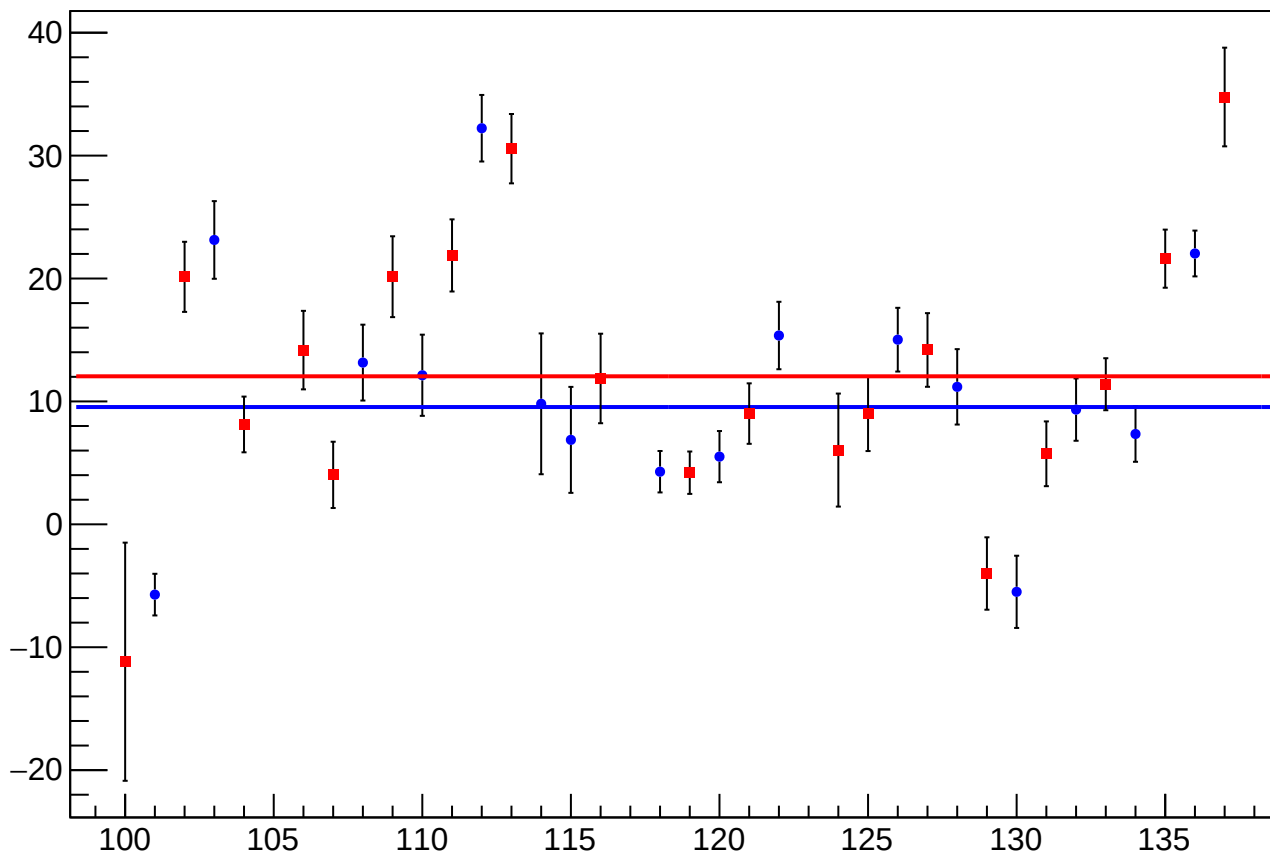
Right: -79.844 ± 0.430 χ^2/NDF : 2391.7/34

In: -79.382 ± 0.611 χ^2/NDF : 1475.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -79.844 ± 0.430 χ^2/NDF : 2391.7/34

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.543 $\pm$ 0.621 χ^2 /NDF: 267.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 12.044 $\pm$ 0.637 χ^2 /NDF: 195.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

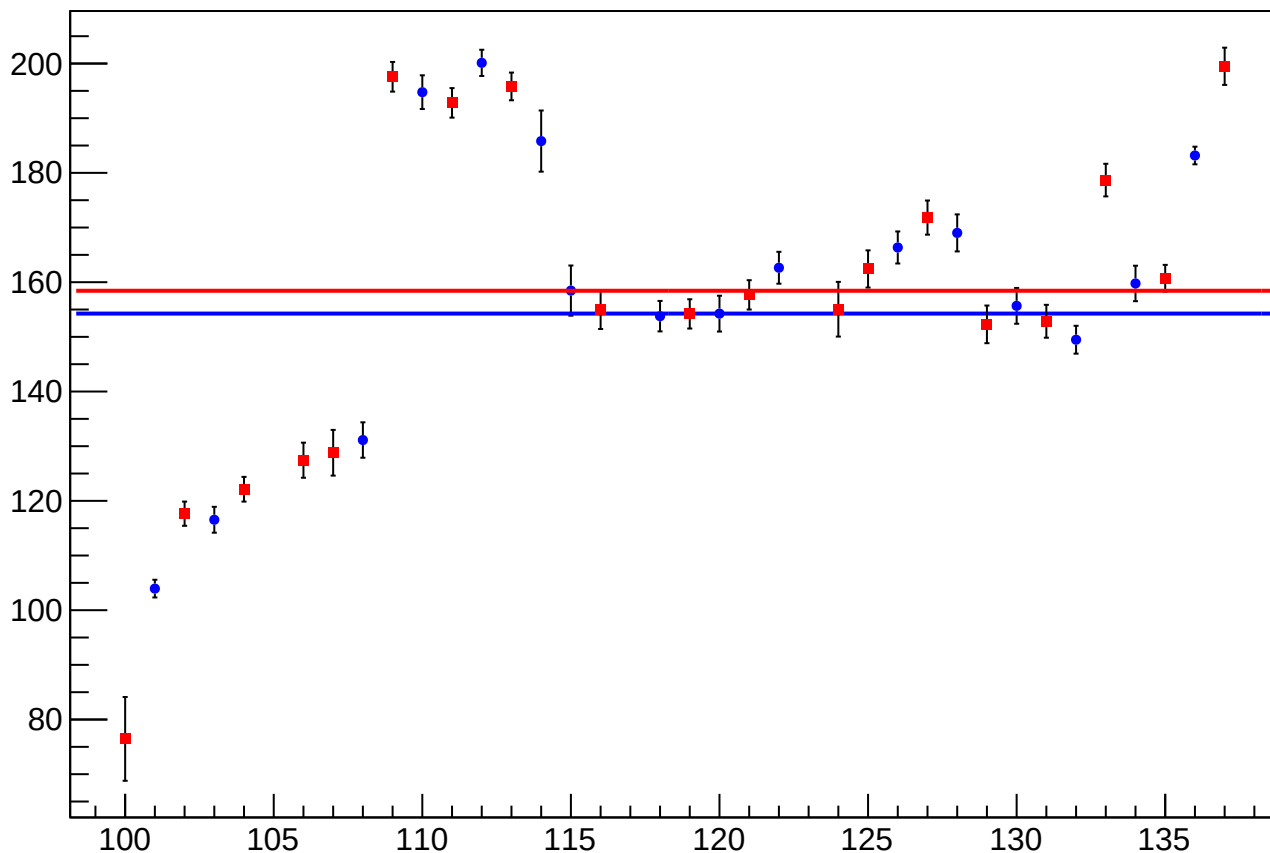
Right: 10.762 $\pm$ 0.445 χ^2 /NDF: 470.8/34

In: 9.543 $\pm$ 0.621 χ^2 /NDF:267.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.762 $\pm$ 0.445 χ^2 /NDF: 470.8/34

reg_asym_usr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 154.260 $\pm$ 0.662 χ^2 /NDF: 2213.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 158.435 $\pm$ 0.683 χ^2 /NDF: 1664.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

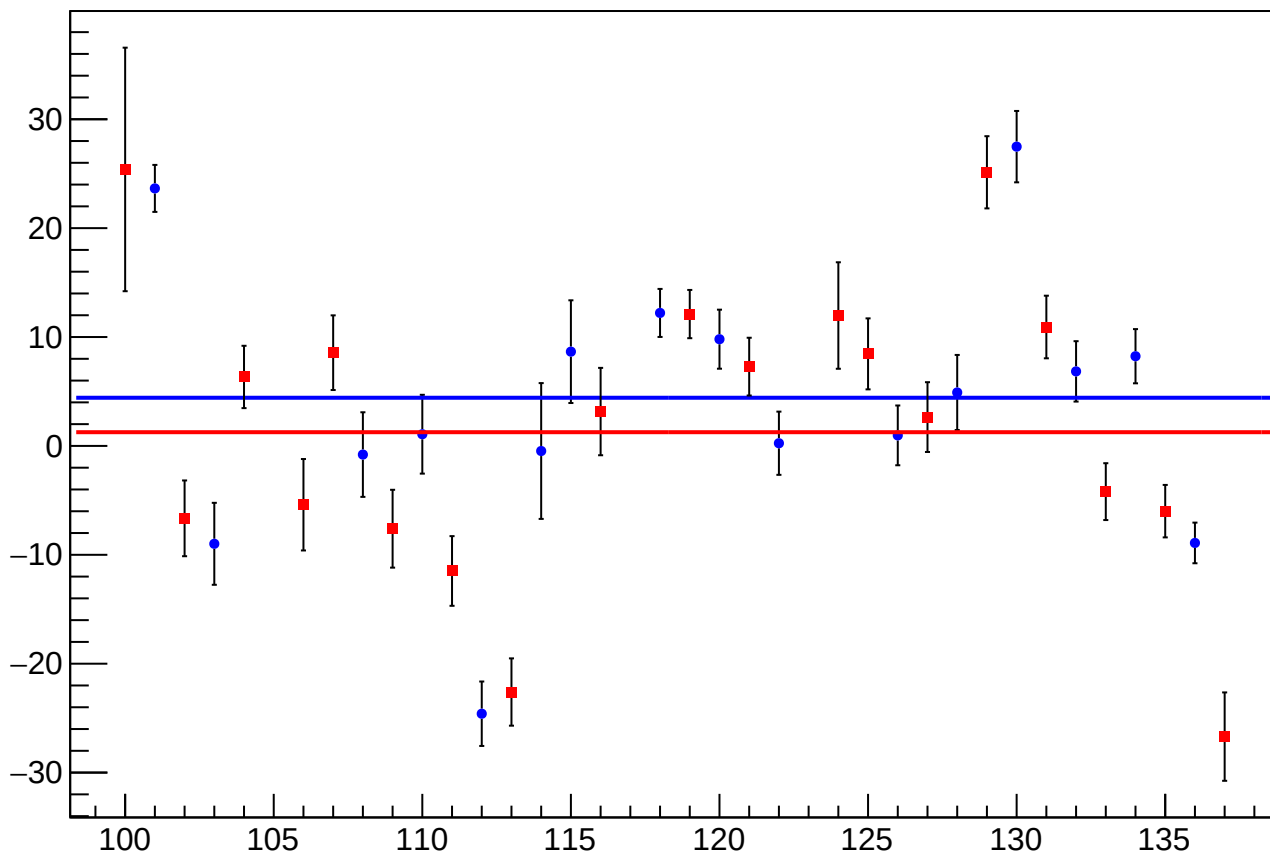
Right: 156.282 $\pm$ 0.475 χ^2 /NDF: 3897.2/34

In: 154.260 $\pm$ 0.662 χ^2 /NDF:2213.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 156.282 $\pm$ 0.475 χ^2 /NDF: 3897.2/34

reg_asym_usr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 4.424+/-0.714 χ^2/NDF : 316.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.260+/-0.732 χ^2/NDF : 264.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

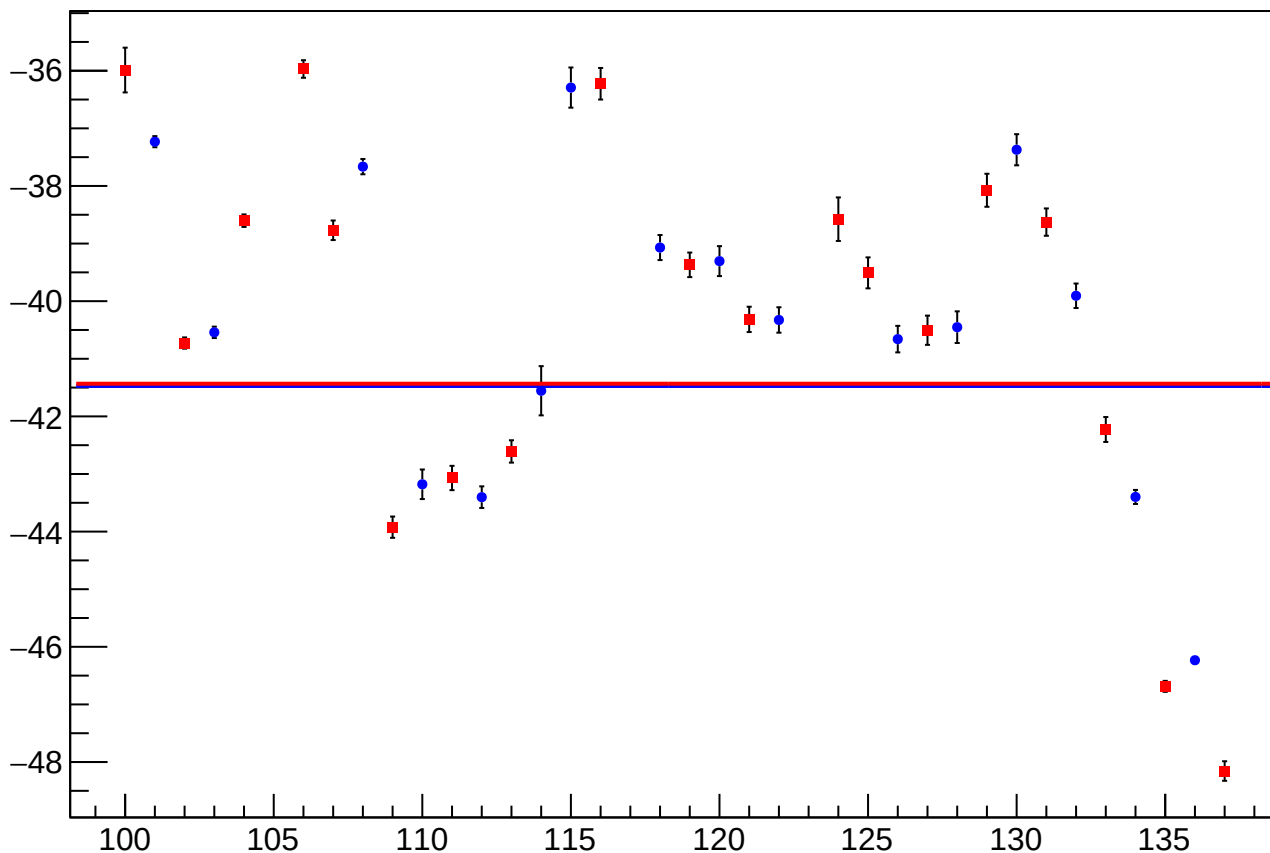
Right: 2.881+/-0.511 χ^2/NDF : 590.5/34

In: 4.424+/-0.714 χ^2/NDF : 316.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.881+/-0.511 χ^2/NDF : 590.5/34

reg_asym_usr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -41.472+/-0.038 χ^2/NDF : 7912.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.433+/-0.040 χ^2/NDF : 8225.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

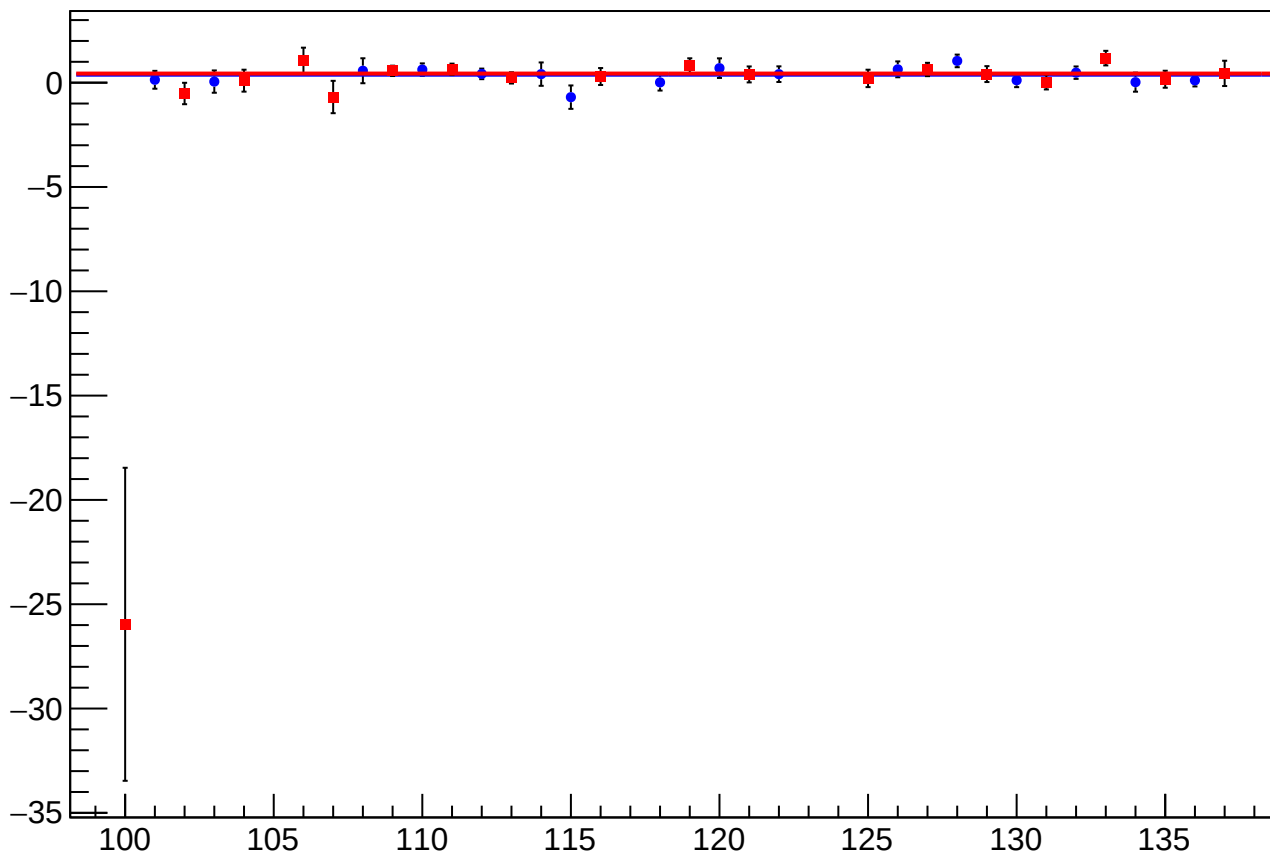
Right: -41.453+/-0.027 χ^2/NDF : 16137.9/34

In: -41.472+/-0.038 χ^2/NDF : 7912.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.453+/-0.027 χ^2/NDF : 16137.9/34

reg_asym_dsl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.382 $\pm$ 0.092 χ^2 /NDF: 14.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.436 $\pm$ 0.090 χ^2 /NDF: 29.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

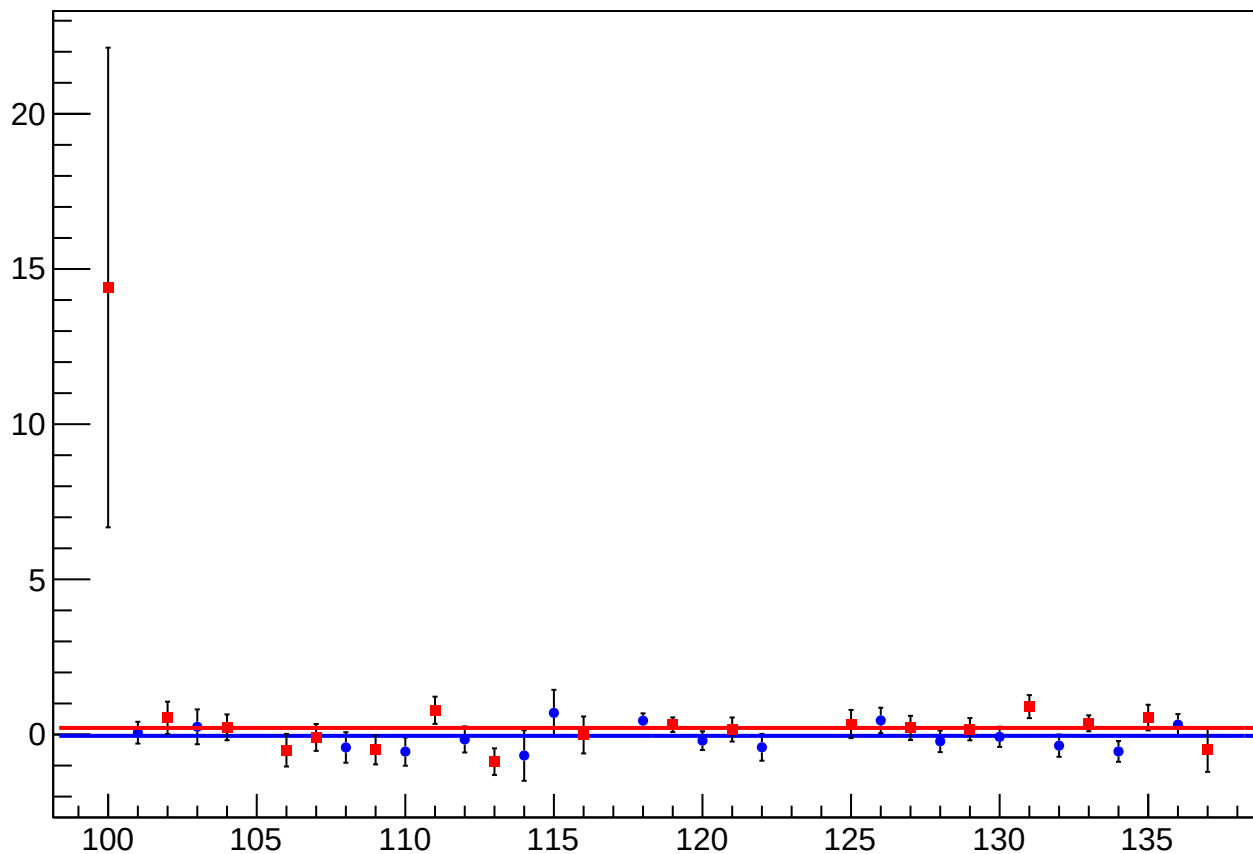
Right: 0.410 $\pm$ 0.064 χ^2 /NDF: 43.2/33

In: 0.382 $\pm$ 0.092 χ^2 /NDF:14.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.410 $\pm$ 0.064 χ^2 /NDF: 43.2/33

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.043 ± 0.094 χ^2/NDF : 15.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.213 ± 0.095 χ^2/NDF : 22.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

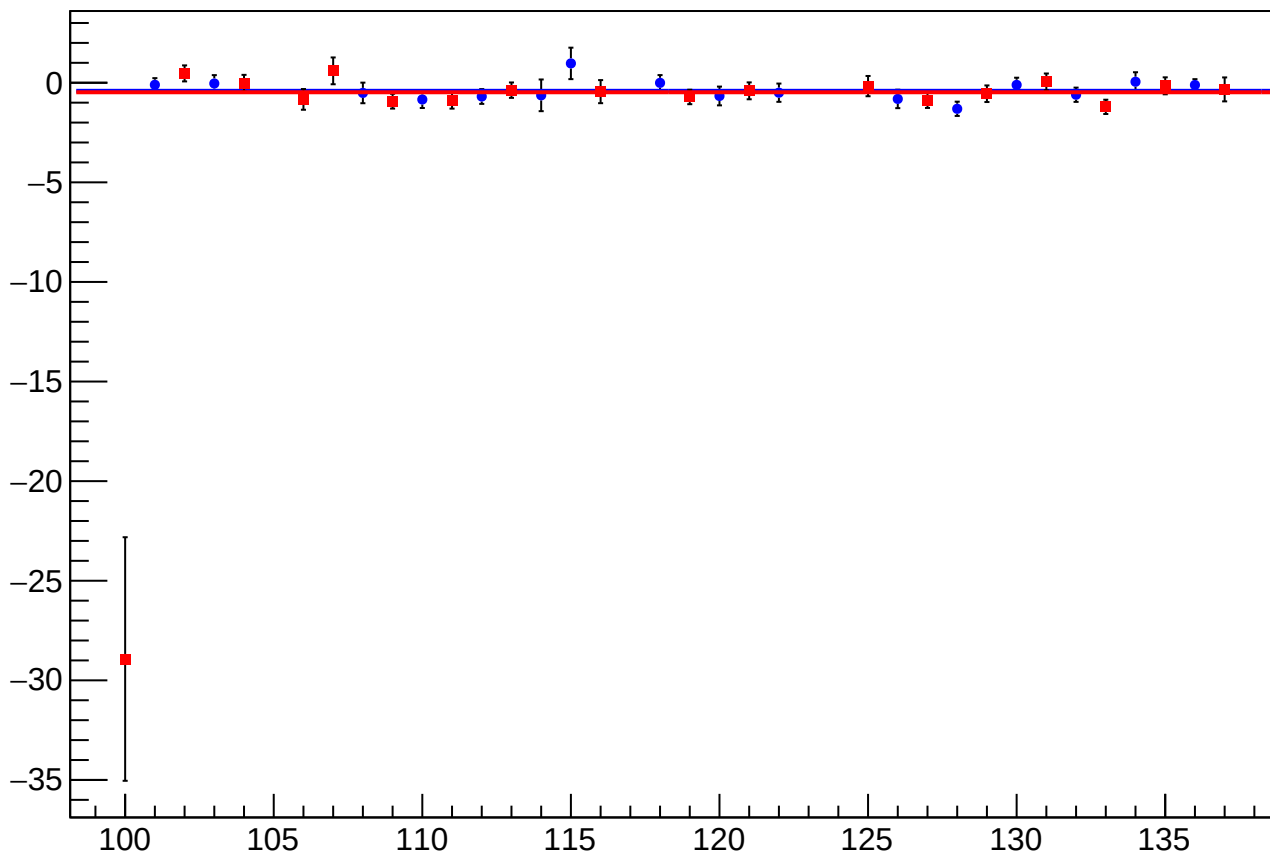
Right: 0.084 ± 0.067 χ^2/NDF : 41.1/33

In: -0.043 ± 0.094 χ^2/NDF : 15.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.084 ± 0.067 χ^2/NDF : 41.1/33

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.406 ± 0.103 $\chi^2/\text{NDF}: 17.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.478 ± 0.104 $\chi^2/\text{NDF}: 42.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

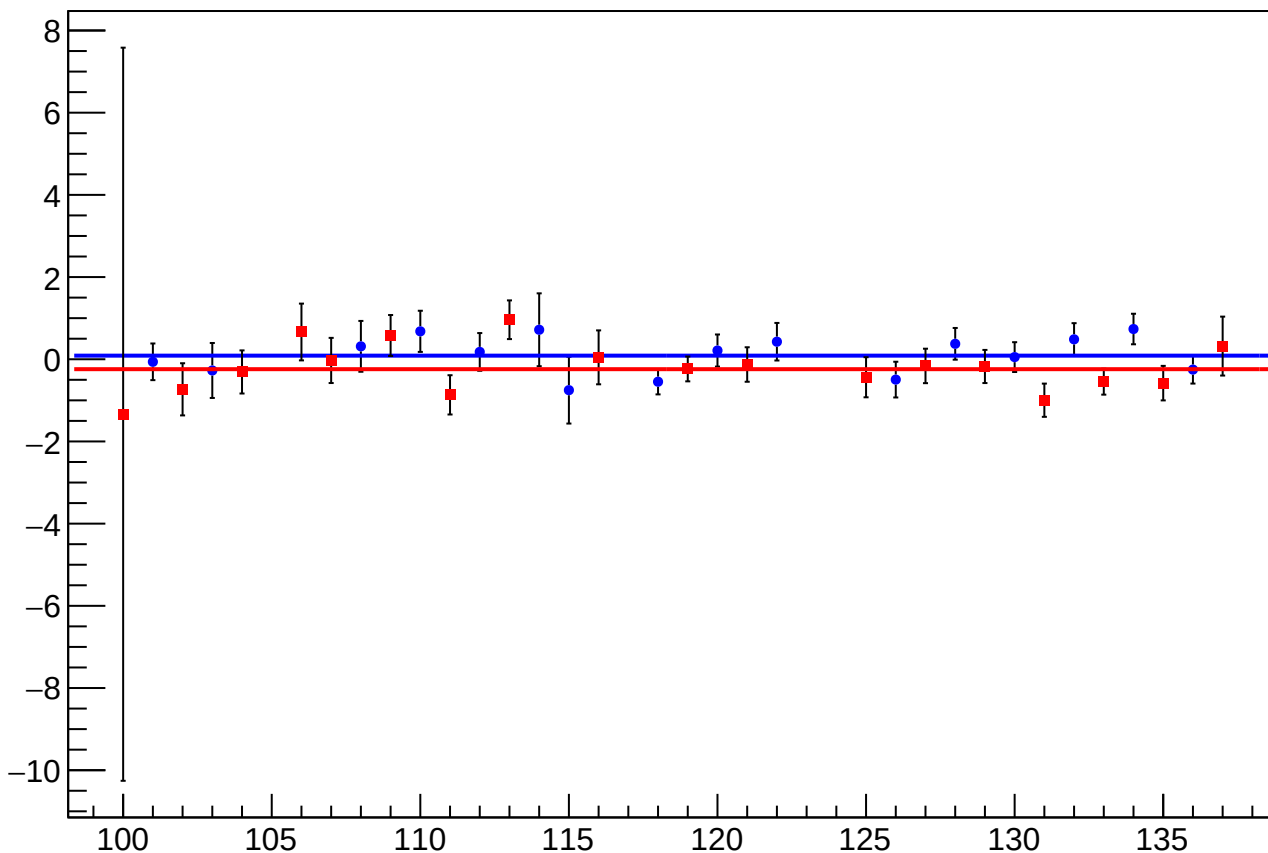
Right: -0.441 ± 0.073 $\chi^2/\text{NDF}: 60.3/33$

In: -0.406 ± 0.103 $\chi^2/\text{NDF}: 17.8/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.441 ± 0.073 $\chi^2/\text{NDF}: 60.3/33$

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.108 χ^2 /NDF: 15.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.241 $\pm$ 0.110 χ^2 /NDF: 19.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

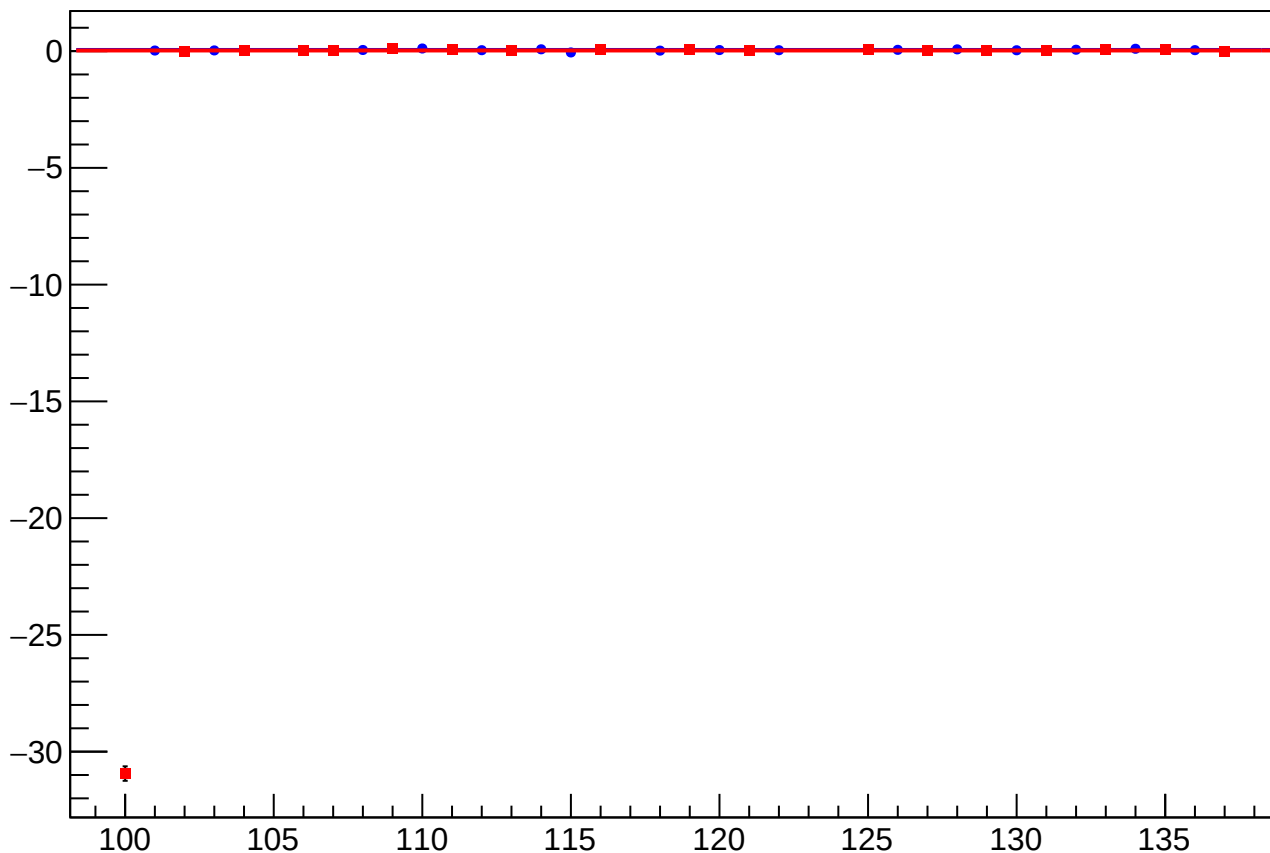
Right: -0.075 $\pm$ 0.077 χ^2 /NDF: 40.0/33

In: 0.088 $\pm$ 0.108 χ^2 /NDF:15.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.075 $\pm$ 0.077 χ^2 /NDF: 40.0/33

reg_asym_dsl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.049 $\pm$ 0.006 χ^2 /NDF: 19.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.028 $\pm$ 0.006 χ^2 /NDF: 10020.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

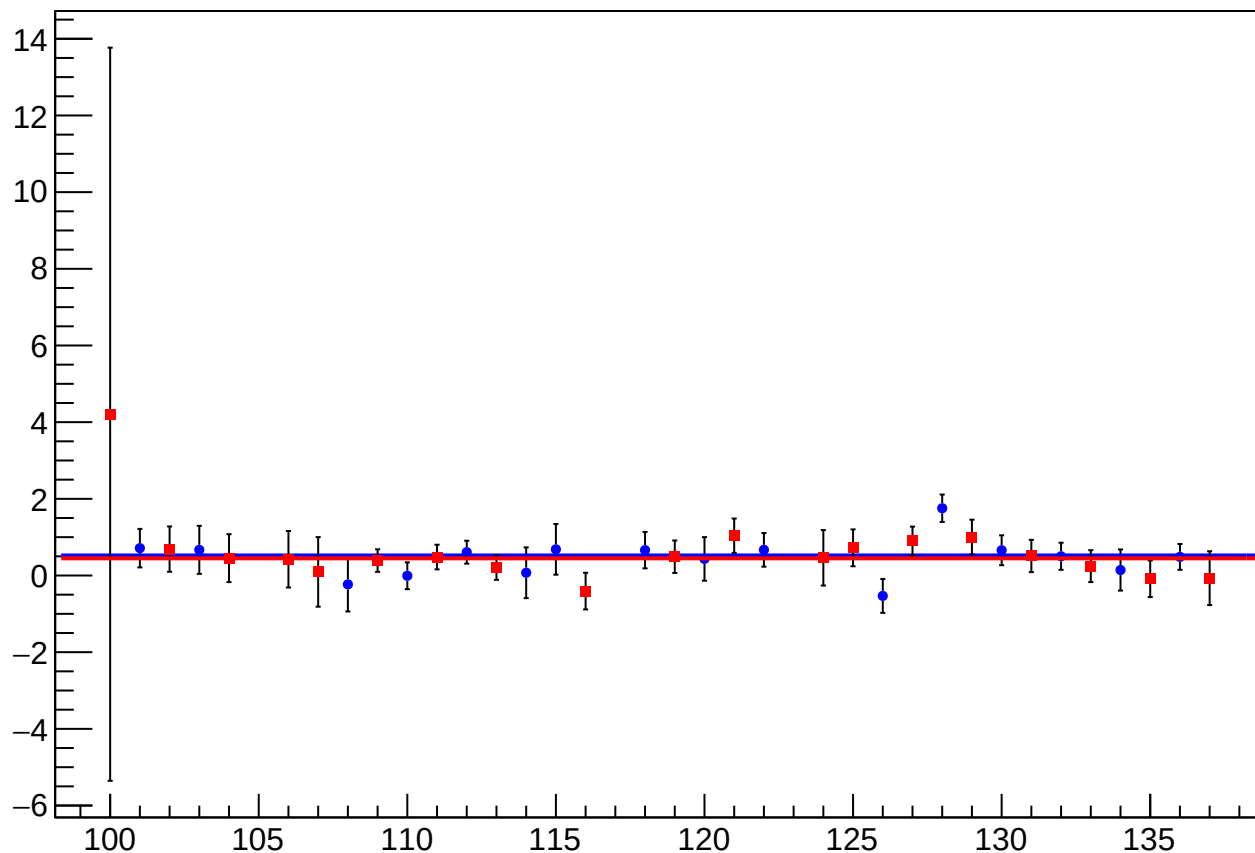
Right: 0.038 $\pm$ 0.004 χ^2 /NDF: 10045.5/33

In: 0.049 $\pm$ 0.006 χ^2 /NDF:19.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.038 $\pm$ 0.004 χ^2 /NDF: 10045.5/33

reg_asym_dsr_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.522+/-0.108 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.448+/-0.105 χ^2/NDF : 11.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

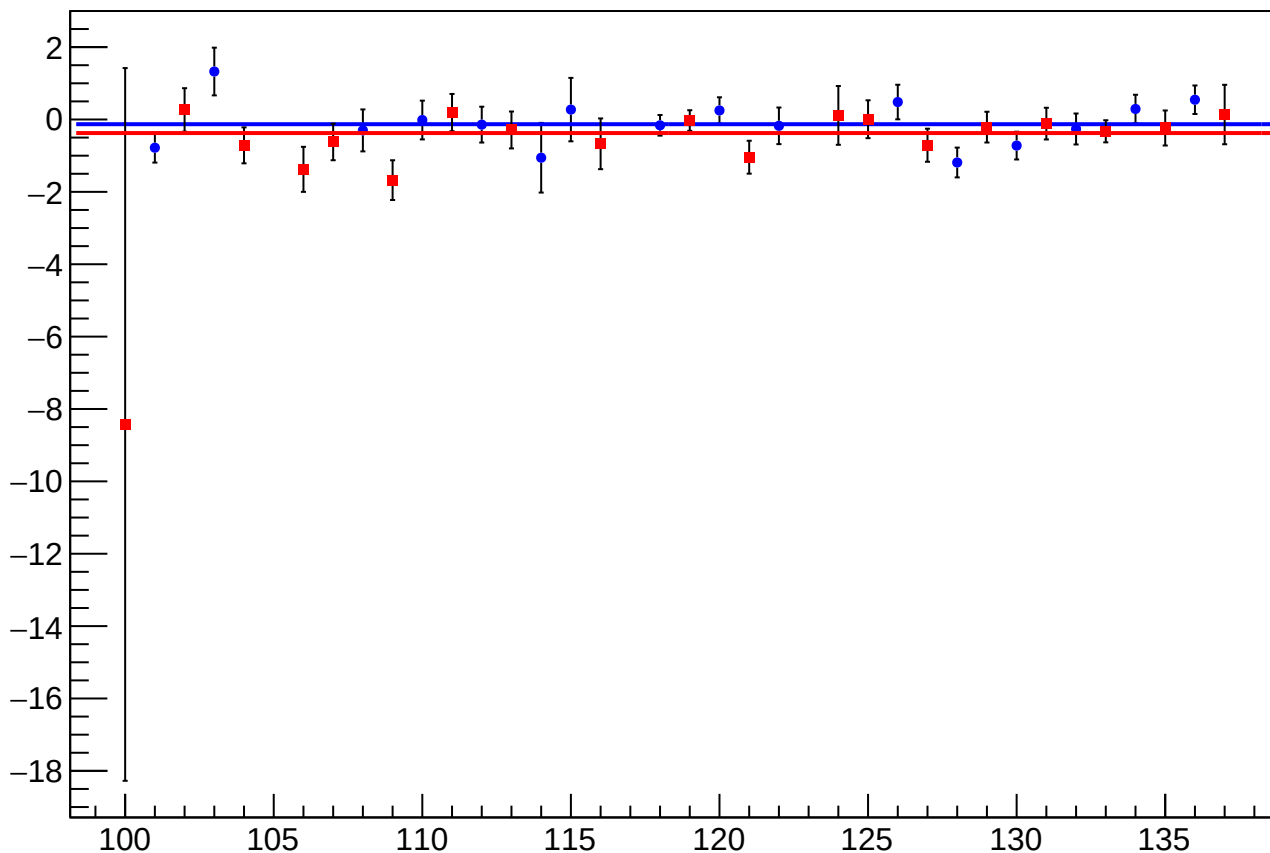
Right: 0.484+/-0.075 χ^2/NDF : 34.3/34

In: 0.522+/-0.108 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.484+/-0.075 χ^2/NDF : 34.3/34

reg_asym_dsr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.130 ± 0.112 χ^2/NDF : 24.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.375 ± 0.111 χ^2/NDF : 18.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

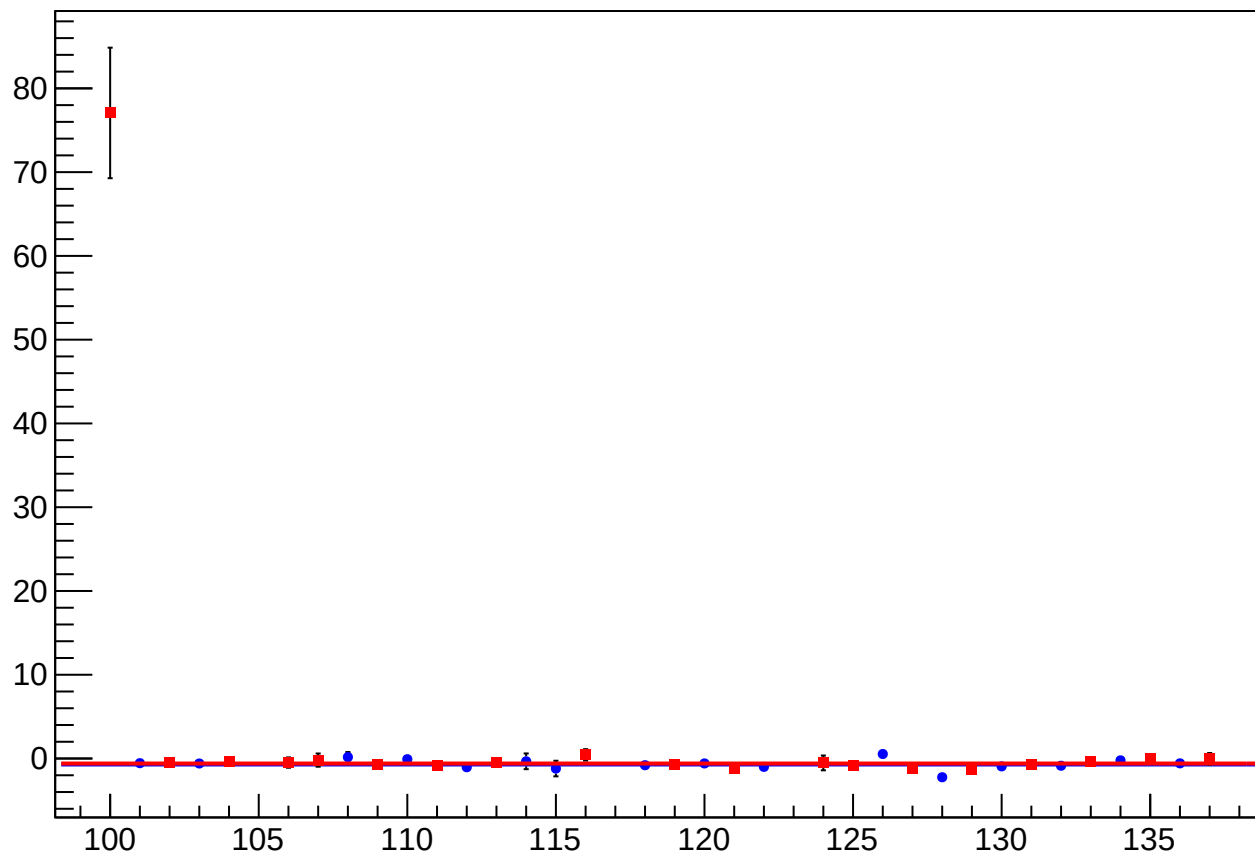
Right: -0.253 ± 0.079 χ^2/NDF : 45.2/34

In: -0.130 ± 0.112 χ^2/NDF : 24.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.253 ± 0.079 χ^2/NDF : 45.2/34

reg_asym_dsr_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.713 ± 0.122 $\chi^2/\text{NDF}: 24.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.597 ± 0.122 $\chi^2/\text{NDF}: 110.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

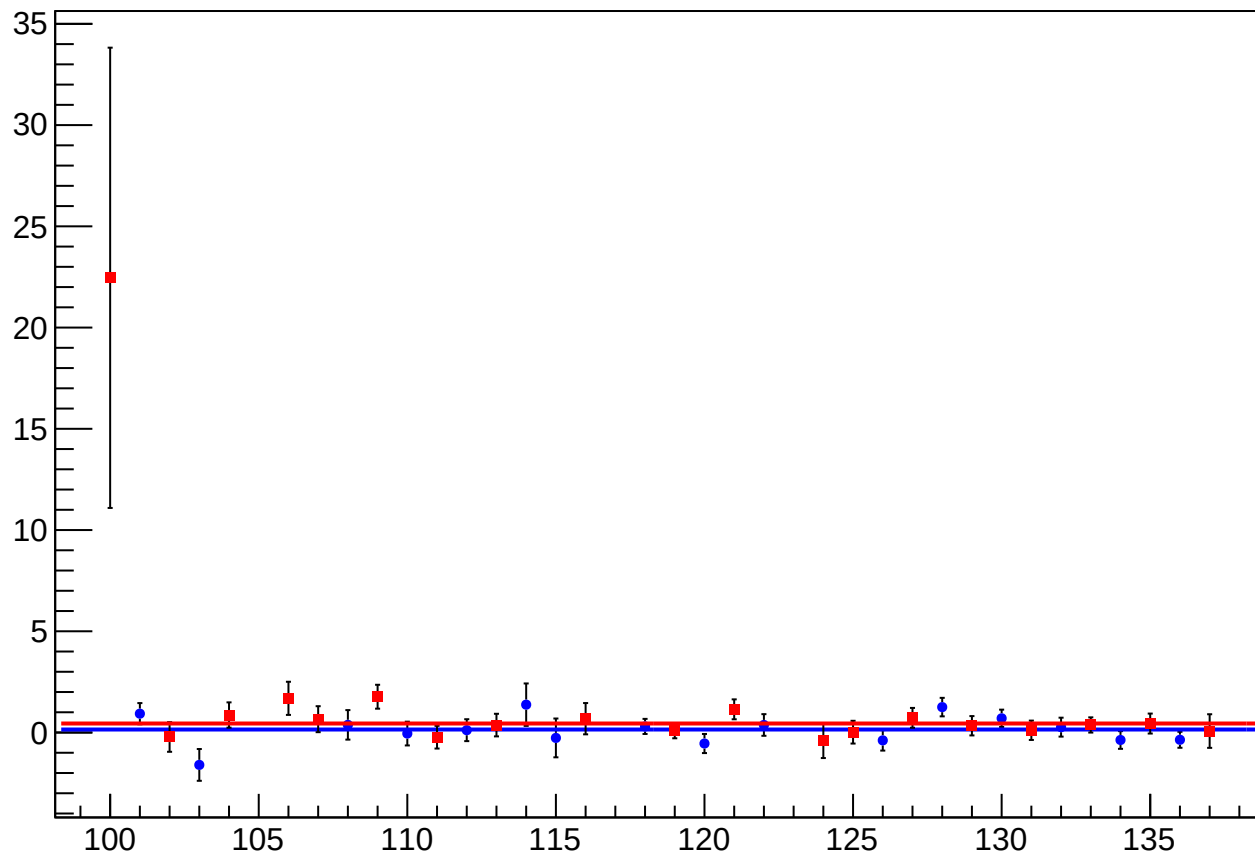
Right: -0.655 ± 0.086 $\chi^2/\text{NDF}: 136.3/34$

In: -0.713 ± 0.122 $\chi^2/\text{NDF}: 24.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.655 ± 0.086 $\chi^2/\text{NDF}: 136.3/34$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.148 $\pm$ 0.128 χ^2 /NDF: 23.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.445 $\pm$ 0.128 χ^2 /NDF: 19.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

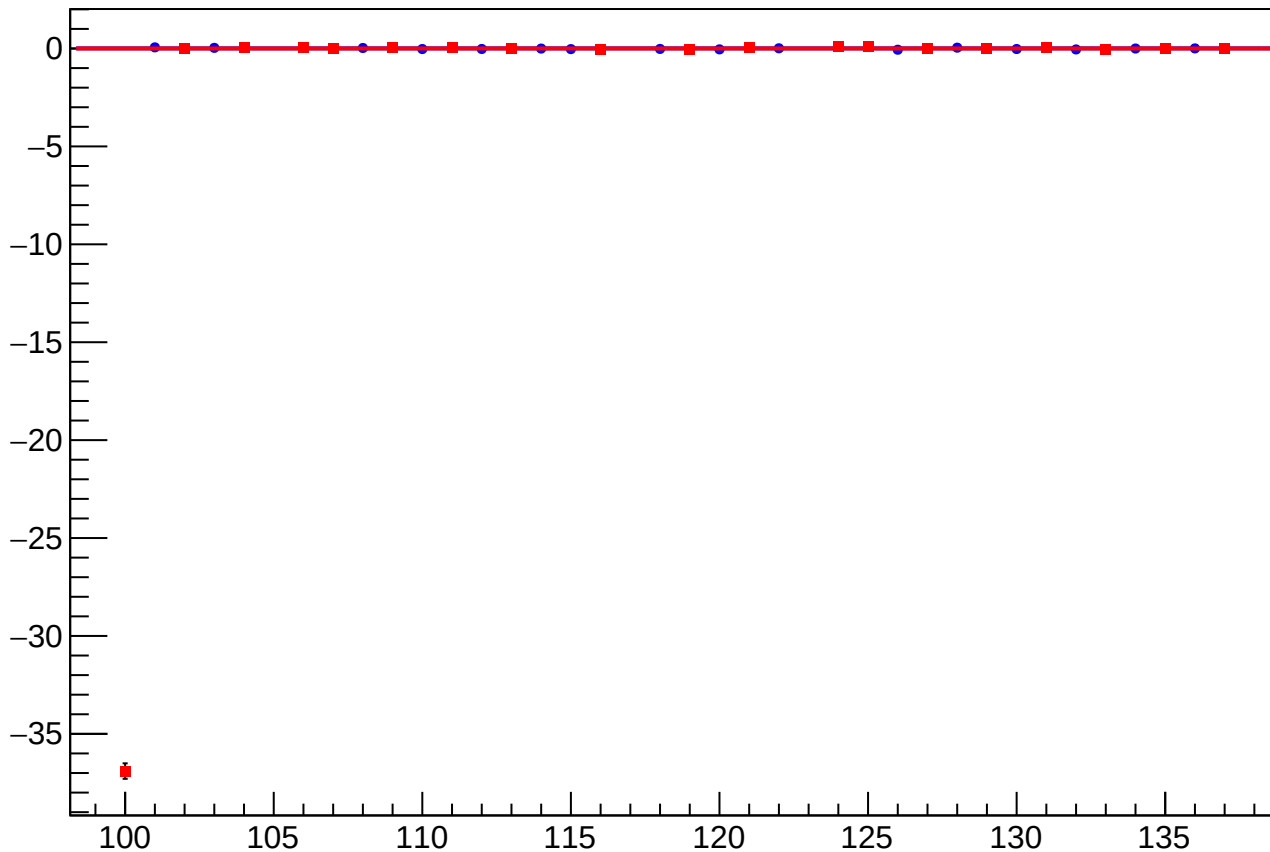
Right: 0.296 $\pm$ 0.090 χ^2 /NDF: 45.7/34

In: 0.148 $\pm$ 0.128 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.296 $\pm$ 0.090 χ^2 /NDF: 45.7/34

reg_asym_dsr_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.006 $\pm$ 0.007 χ^2 /NDF: 17.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.007 χ^2 /NDF: 8753.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

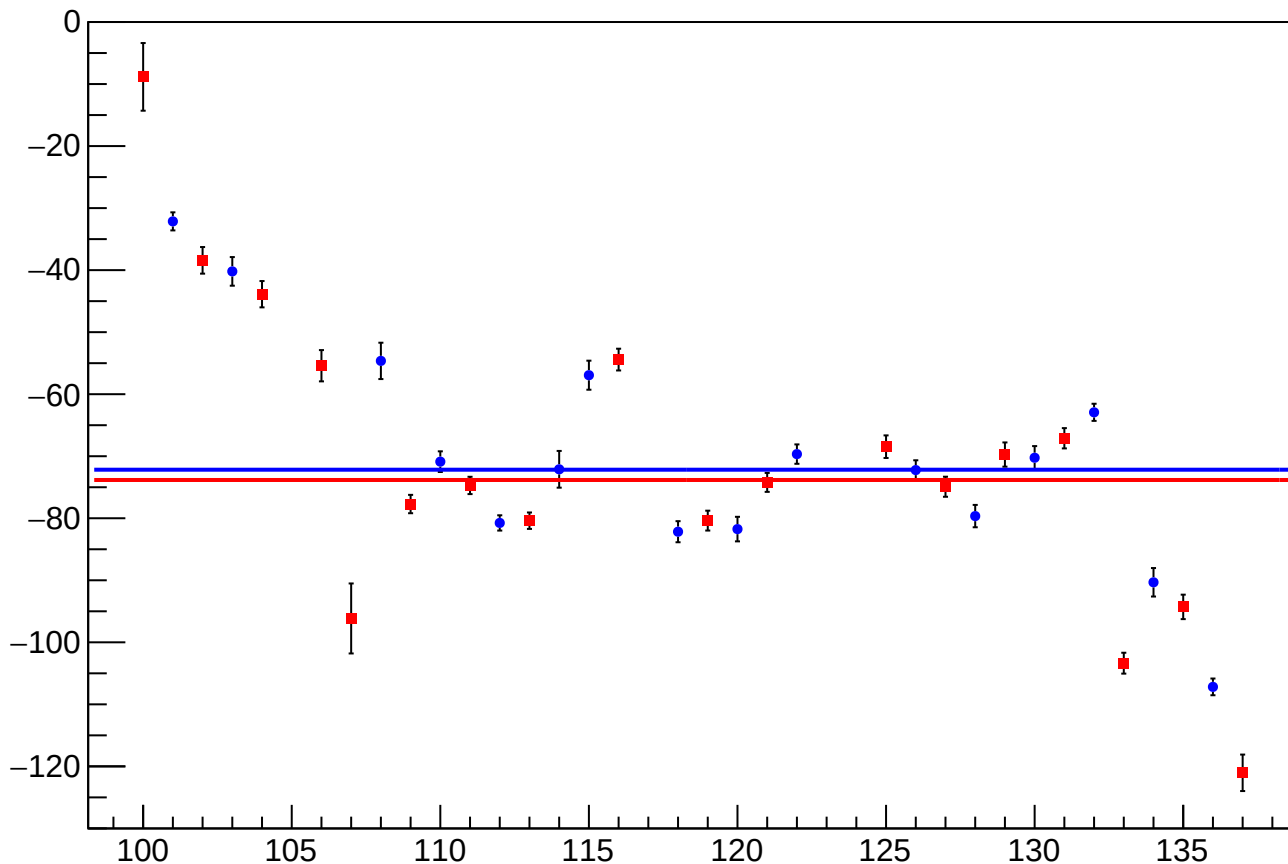
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 8771.0/34

In: 0.006 $\pm$ 0.007 χ^2 /NDF:17.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.004 $\pm$ 0.005 χ^2 /NDF: 8771.0/34

reg_asym_us_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -72.173+/-0.432 χ^2/NDF : 1936.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.831+/-0.431 χ^2/NDF : 1557.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

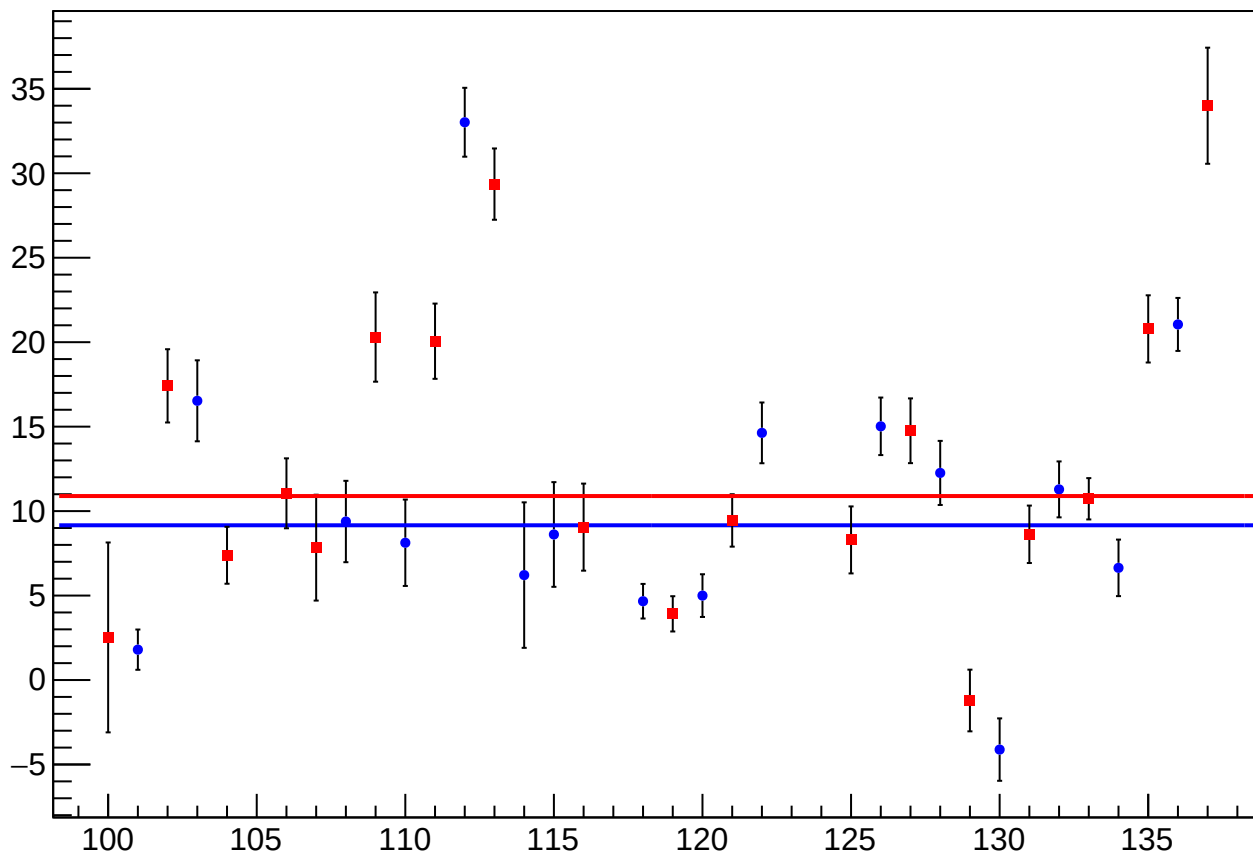
Right: -73.004+/-0.305 χ^2/NDF : 3501.0/33

In: -72.173+/-0.432 χ^2/NDF : 1936.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -73.004+/-0.305 χ^2/NDF : 3501.0/33

reg_asym_us_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.161+/-0.425 χ^2/NDF : 352.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.892+/-0.440 χ^2/NDF : 290.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

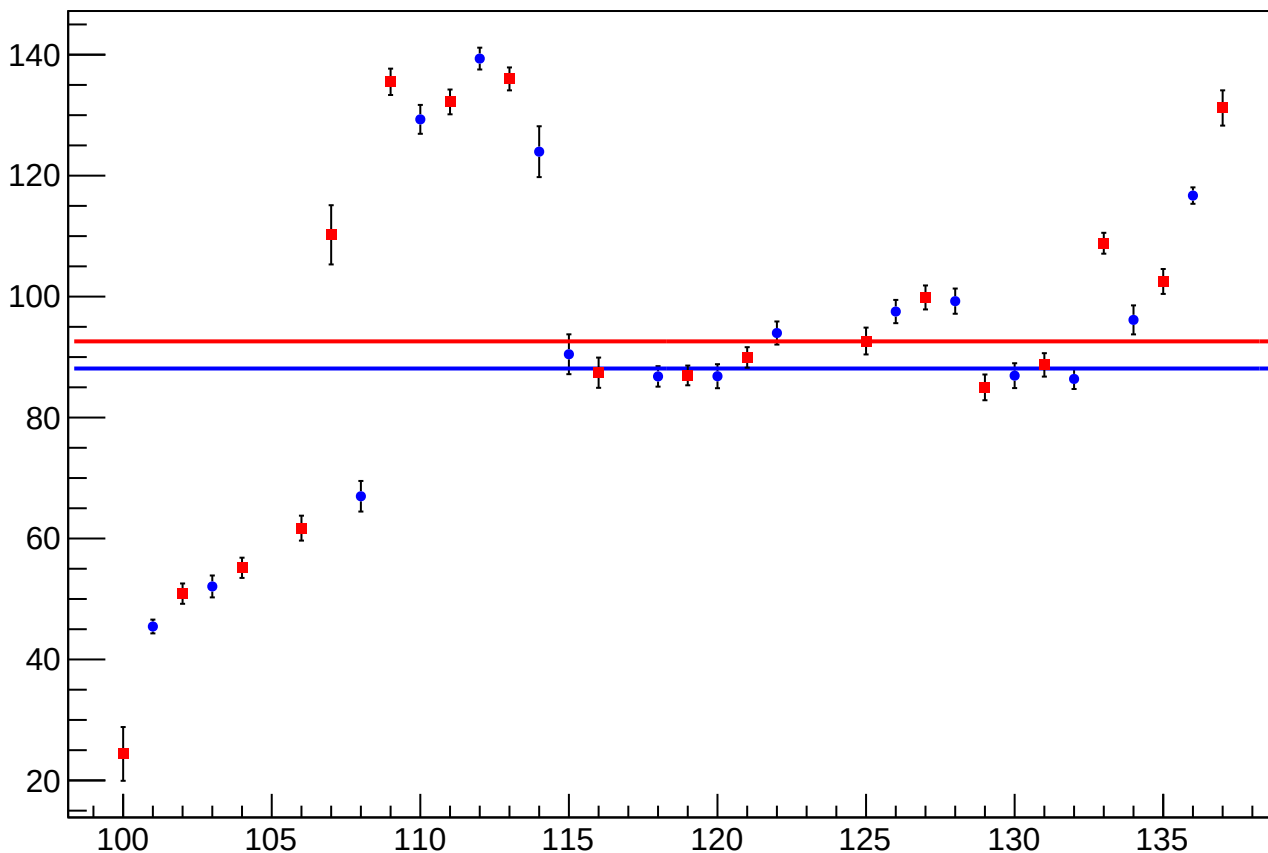
Right: 9.996+/-0.306 χ^2/NDF : 650.3/33

In: 9.161+/-0.425 χ^2/NDF : 352.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.996+/-0.306 χ^2/NDF : 650.3/33

reg_asym_us_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 88.109+/-0.469 χ^2/NDF : 3561.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.596+/-0.483 χ^2/NDF : 3211.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

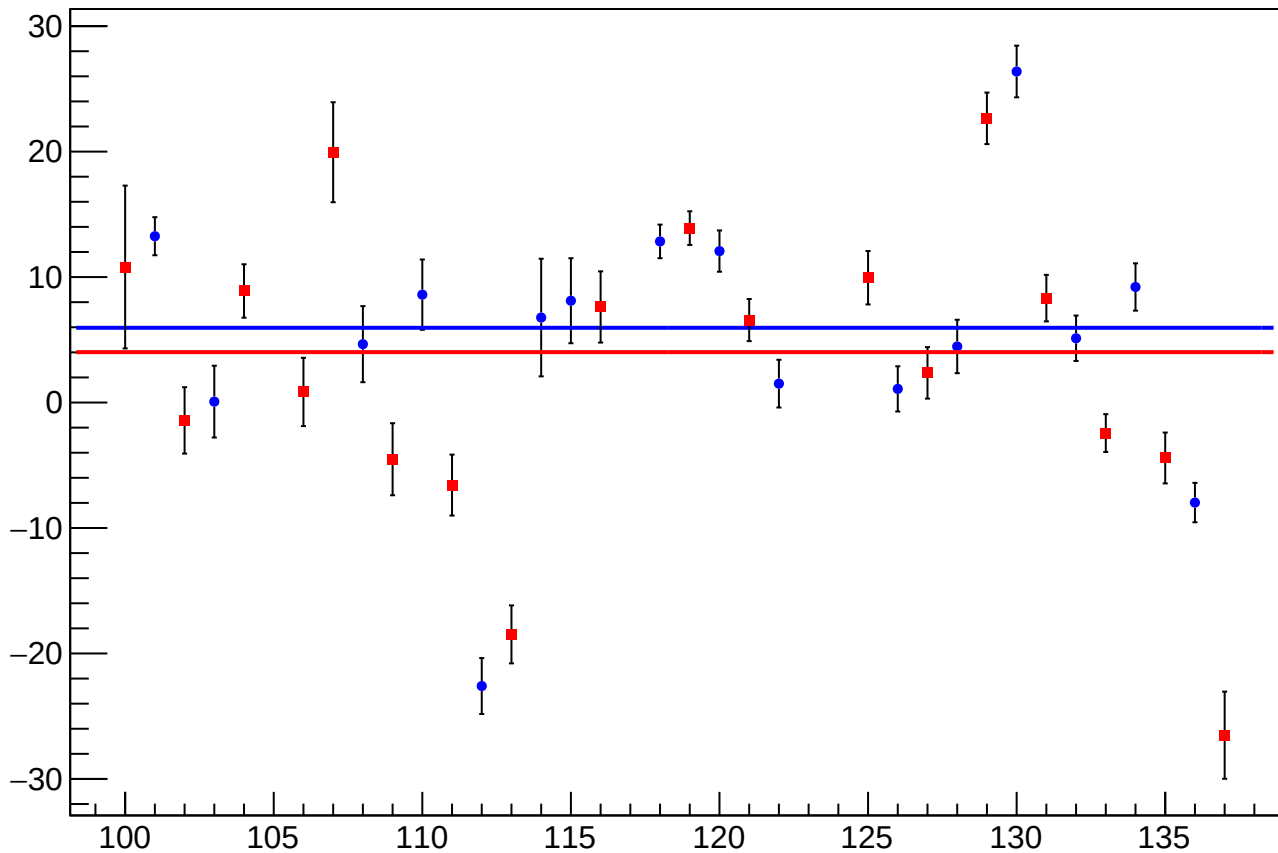
Right: 90.284+/-0.336 χ^2/NDF : 6817.1/33

In: 88.109+/-0.469 χ^2/NDF : 3561.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.284+/-0.336 χ^2/NDF : 6817.1/33

reg_asym_us_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.958+/-0.495 χ^2/NDF : 426.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.017+/-0.510 χ^2/NDF : 417.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

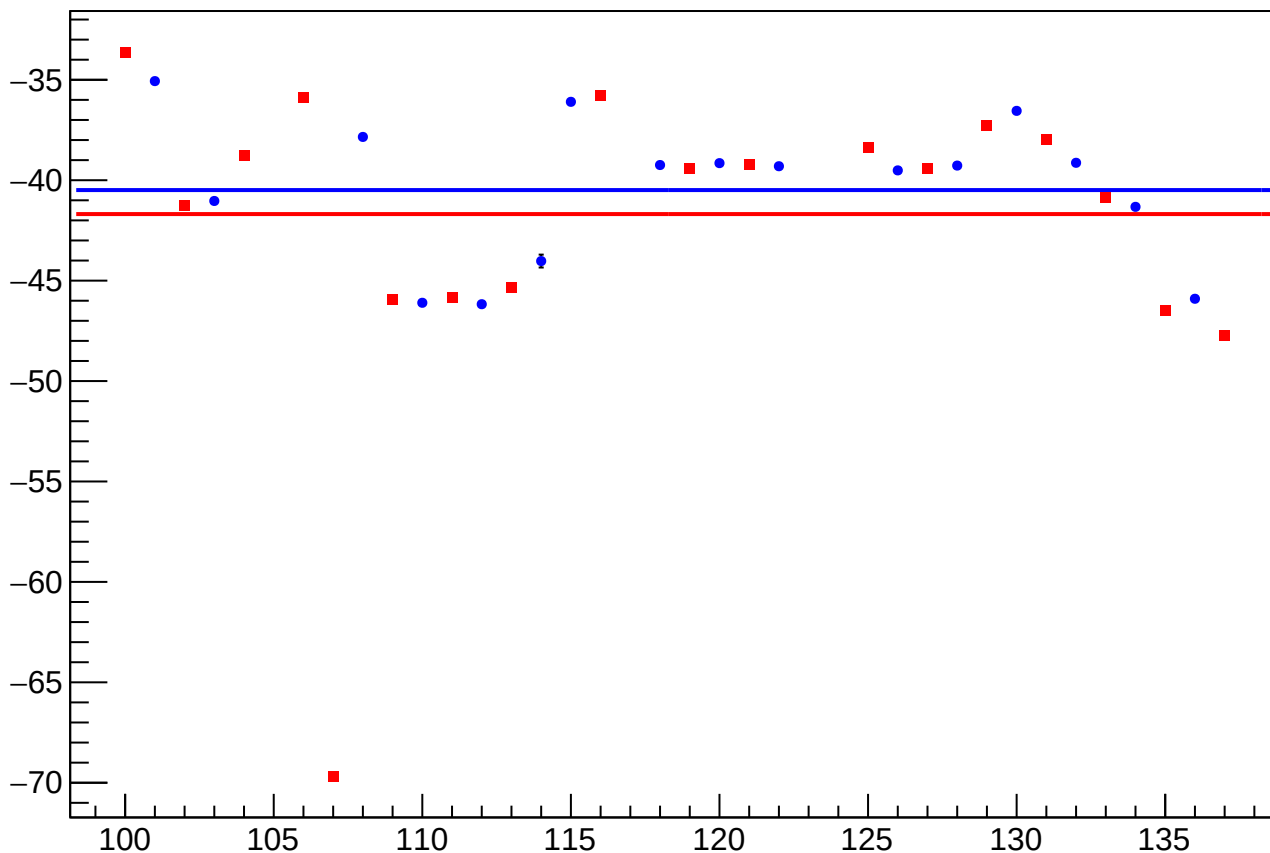
Right: 5.016+/-0.355 χ^2/NDF : 851.9/33

In: 5.958+/-0.495 χ^2/NDF : 426.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.016+/-0.355 χ^2/NDF : 851.9/33

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.491+/-0.028 χ^2/NDF : 18125.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.686+/-0.029 χ^2/NDF : 36838.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

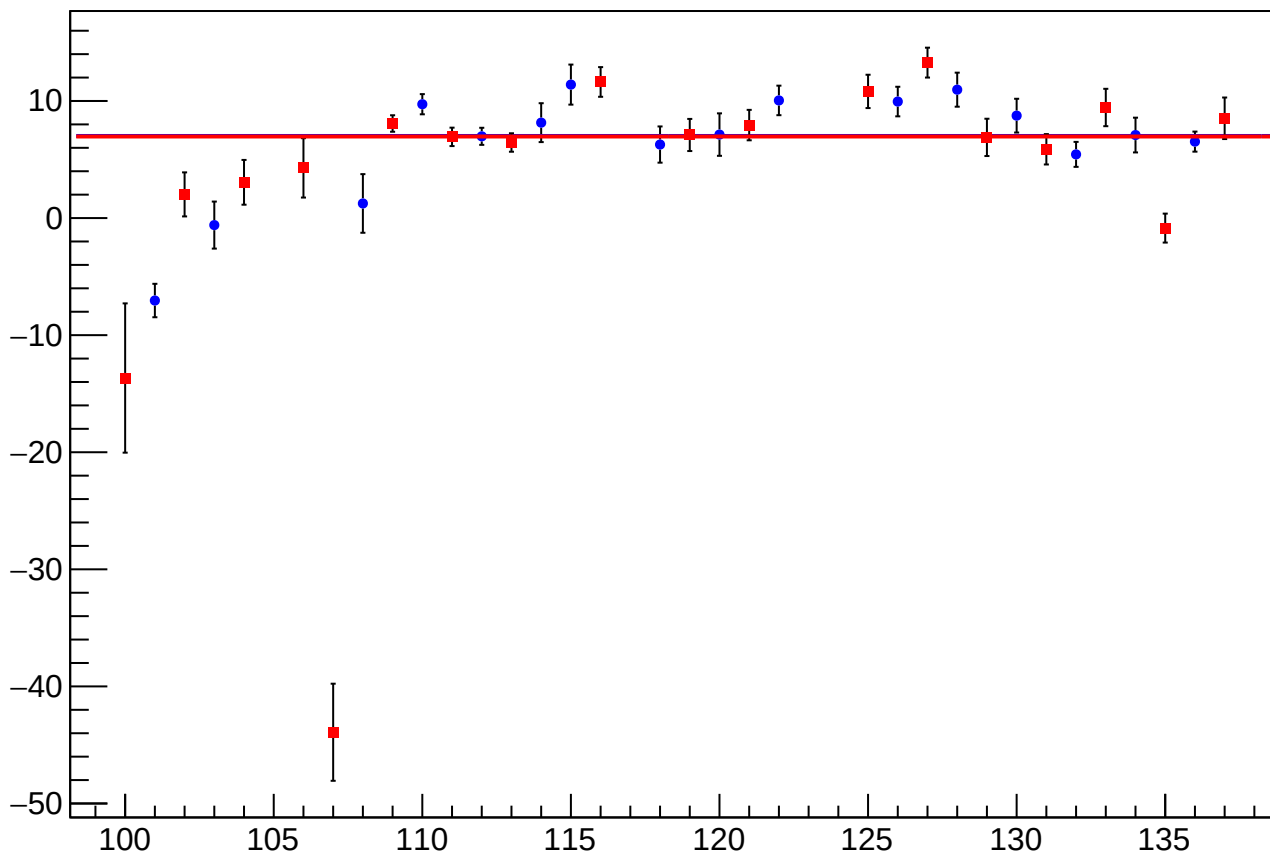
Right: -41.069+/-0.020 χ^2/NDF : 55825.2/33

In: -40.491+/-0.028 χ^2/NDF : 18125.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.069+/-0.020 χ^2/NDF : 55825.2/33

reg_asym_us_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 7.011+/-0.309 χ^2/NDF : 156.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.967+/-0.298 χ^2/NDF : 266.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

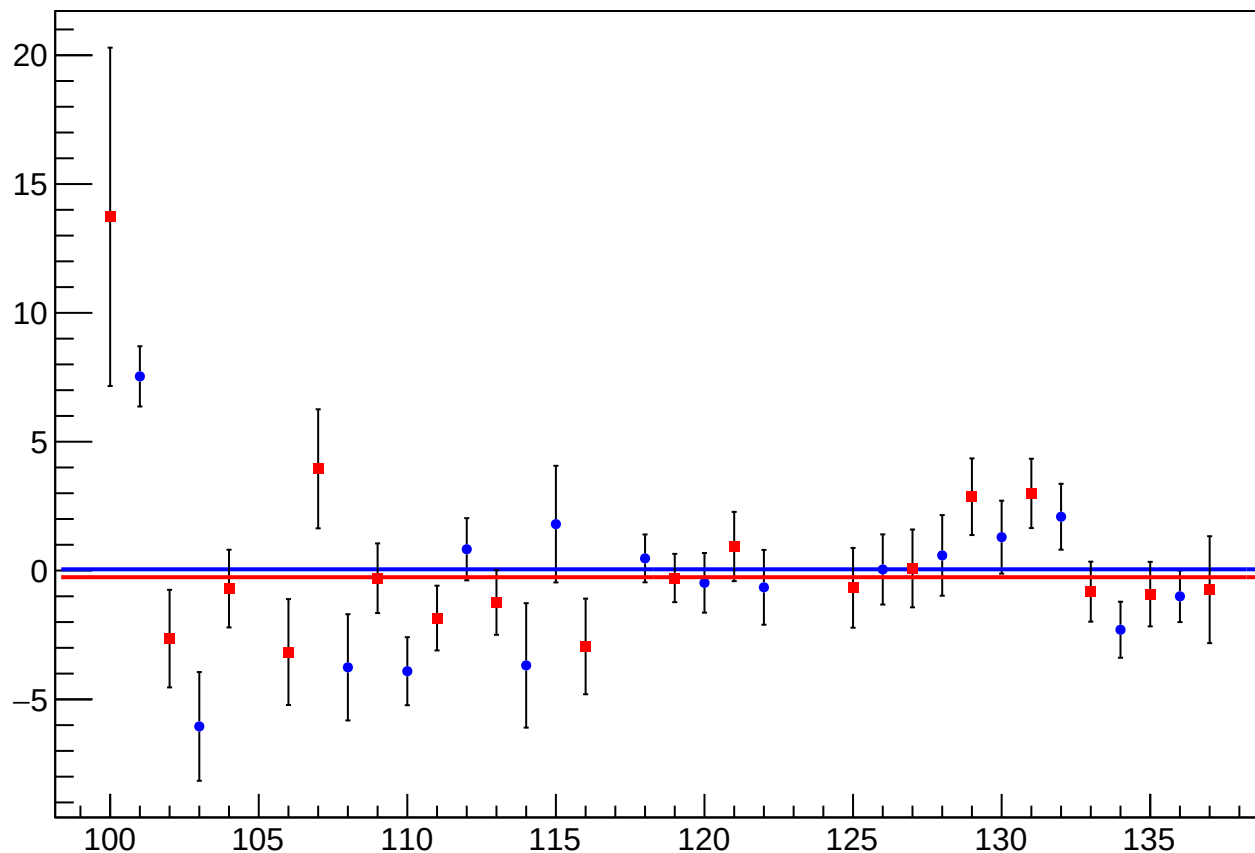
Right: 6.988+/-0.215 χ^2/NDF : 422.3/33

In: 7.011+/-0.309 χ^2/NDF : 156.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.988+/-0.215 χ^2/NDF : 422.3/33

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.048 $\pm$ 0.331 χ^2 /NDF: 75.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.259 $\pm$ 0.344 χ^2 /NDF: 27.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

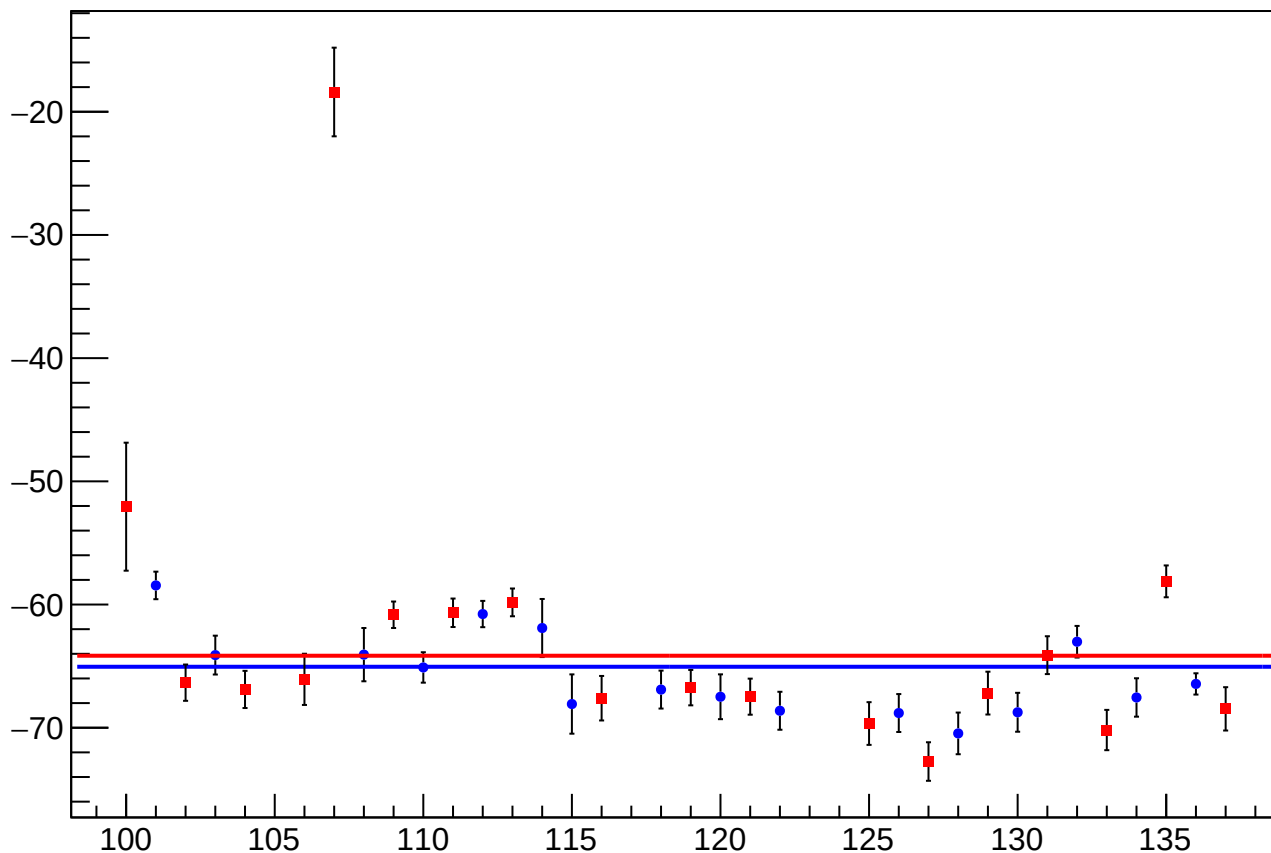
Right: -0.099 $\pm$ 0.239 χ^2 /NDF: 102.9/33

In: 0.048 $\pm$ 0.331 χ^2 /NDF:75.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.099 $\pm$ 0.239 χ^2 /NDF: 102.9/33

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.051 $\pm$ 0.354 χ^2 /NDF: 92.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -64.156 $\pm$ 0.360 χ^2 /NDF: 303.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

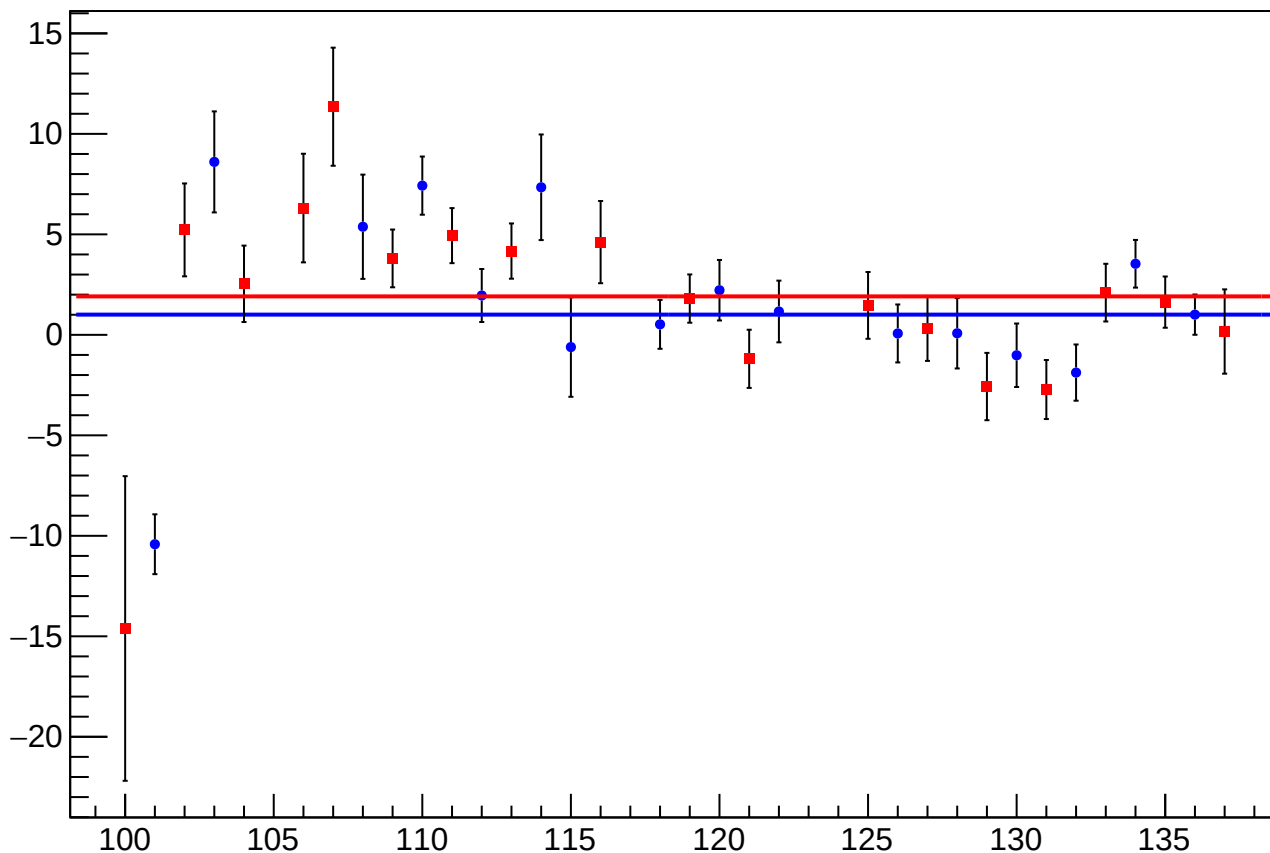
Right: -64.611 $\pm$ 0.253 χ^2 /NDF: 399.6/33

In: -65.051 $\pm$ 0.354 χ^2 /NDF:92.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -64.611 $\pm$ 0.253 χ^2 /NDF: 399.6/33

reg_asym_us_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.006 $\pm$ 0.376 χ^2 /NDF: 109.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.914 $\pm$ 0.390 χ^2 /NDF: 54.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

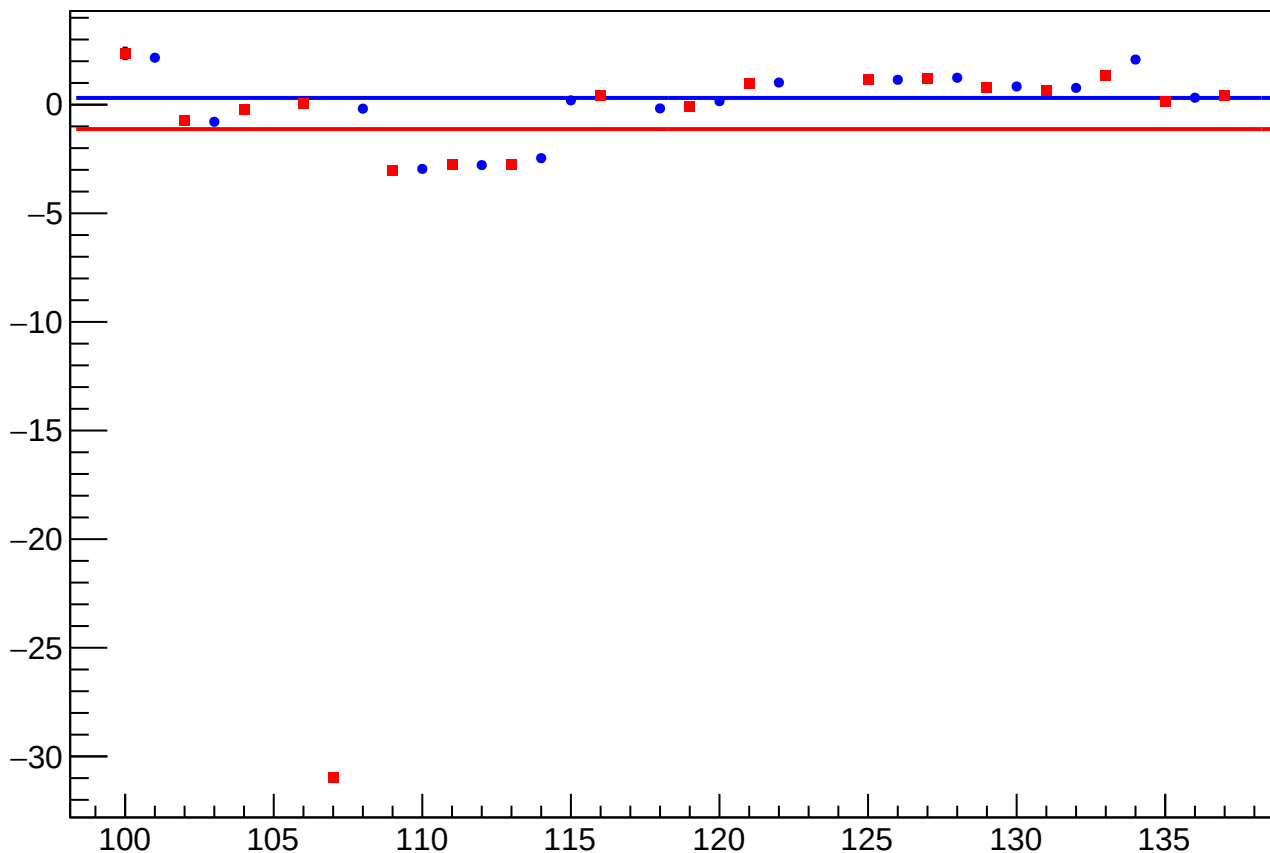
Right: 1.443 $\pm$ 0.270 χ^2 /NDF: 166.5/33

In: 1.006 $\pm$ 0.376 χ^2 /NDF:109.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.443 $\pm$ 0.270 χ^2 /NDF: 166.5/33

reg_asym_us_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.310 $\pm$ 0.021 χ^2 /NDF: 4848.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.124 $\pm$ 0.022 χ^2 /NDF: 46347.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

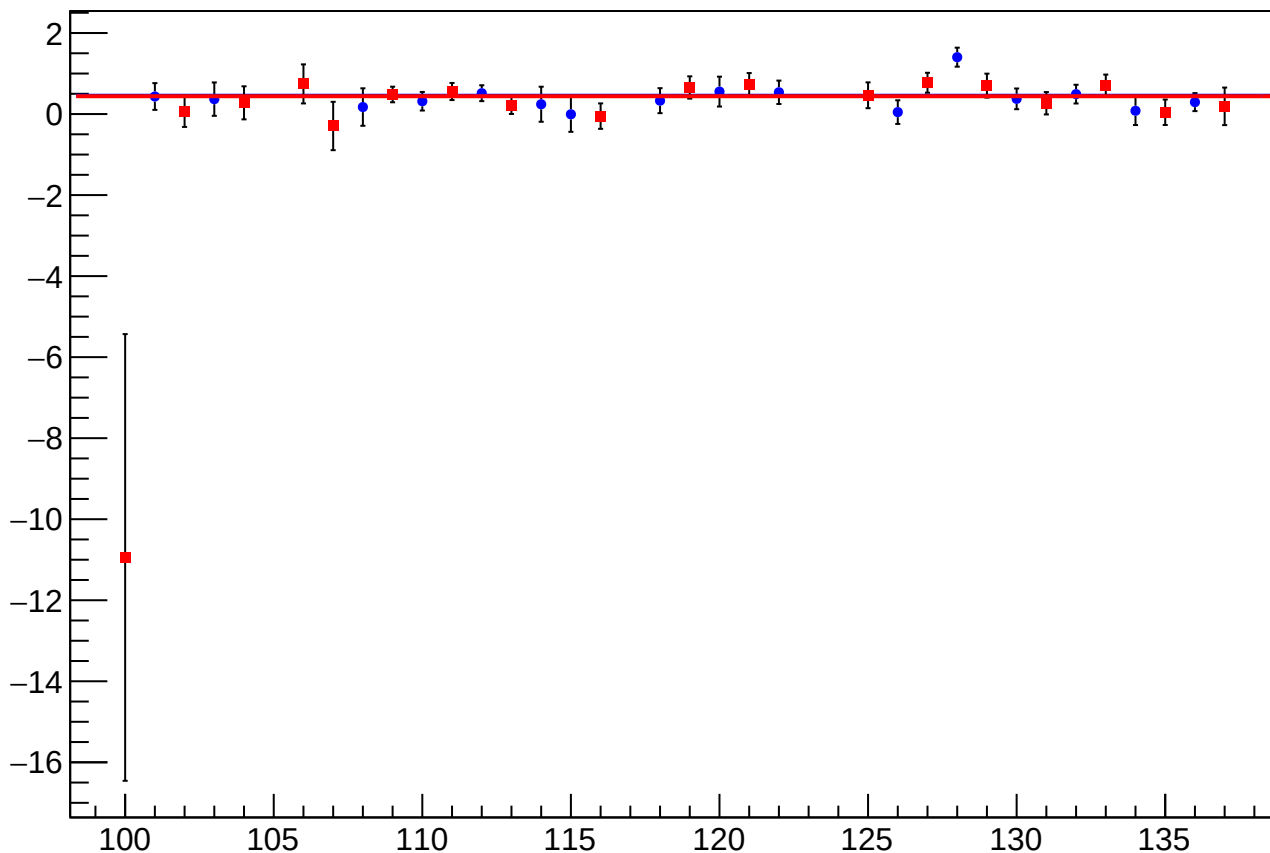
Right: -0.369 $\pm$ 0.015 χ^2 /NDF: 53391.3/33

In: 0.310 $\pm$ 0.021 χ^2 /NDF:4848.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.369 $\pm$ 0.015 χ^2 /NDF: 53391.3/33

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.452 $\pm$ 0.071 χ^2 /NDF: 22.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.440 $\pm$ 0.070 χ^2 /NDF: 18.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

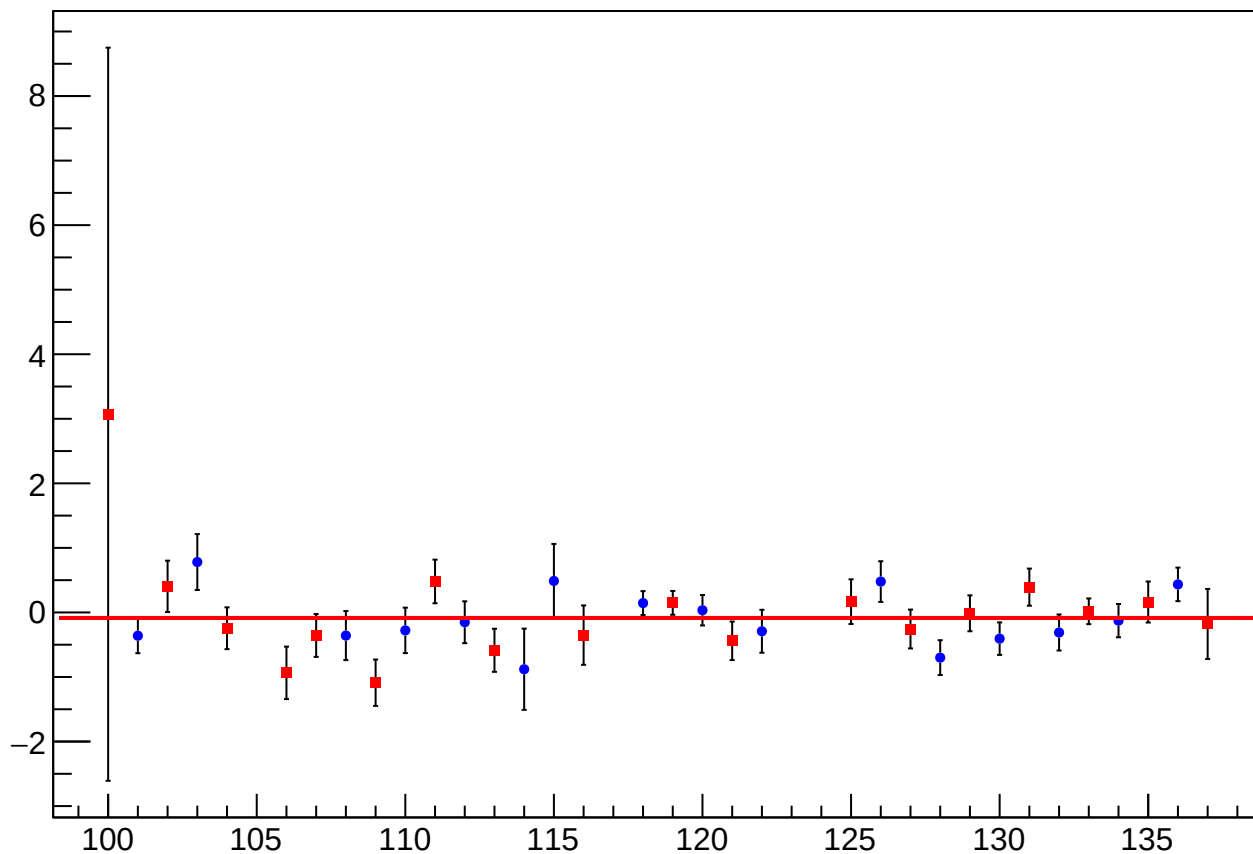
Right: 0.446 $\pm$ 0.050 χ^2 /NDF: 41.2/33

In: 0.452 $\pm$ 0.071 χ^2 /NDF:22.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.446 $\pm$ 0.050 χ^2 /NDF: 41.2/33

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.086 ± 0.073 χ^2/NDF : 25.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.085 ± 0.074 χ^2/NDF : 27.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

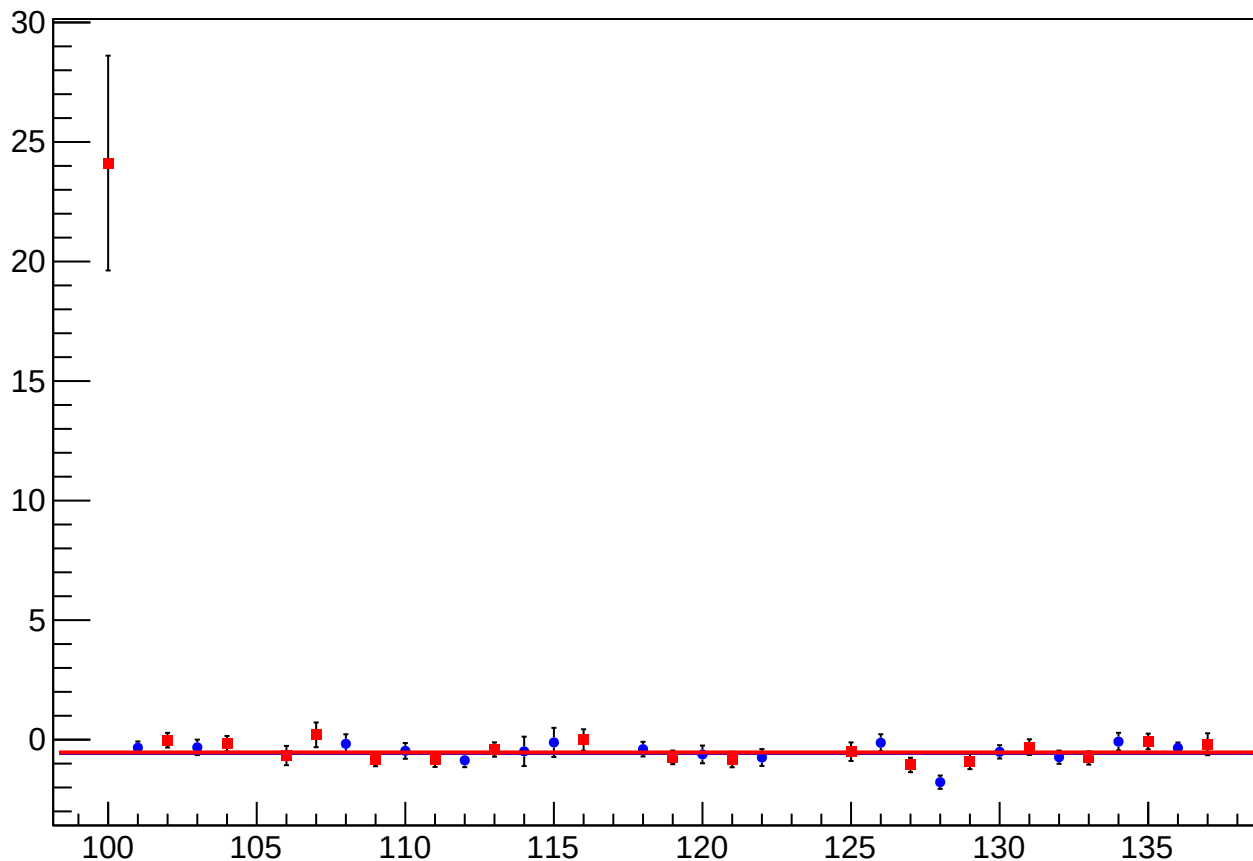
Right: -0.086 ± 0.052 χ^2/NDF : 53.3/33

In: -0.086 ± 0.073 χ^2/NDF : 25.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.086 ± 0.052 χ^2/NDF : 53.3/33

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.558+/-0.080 χ^2/NDF : 28.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.534+/-0.081 χ^2/NDF : 49.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

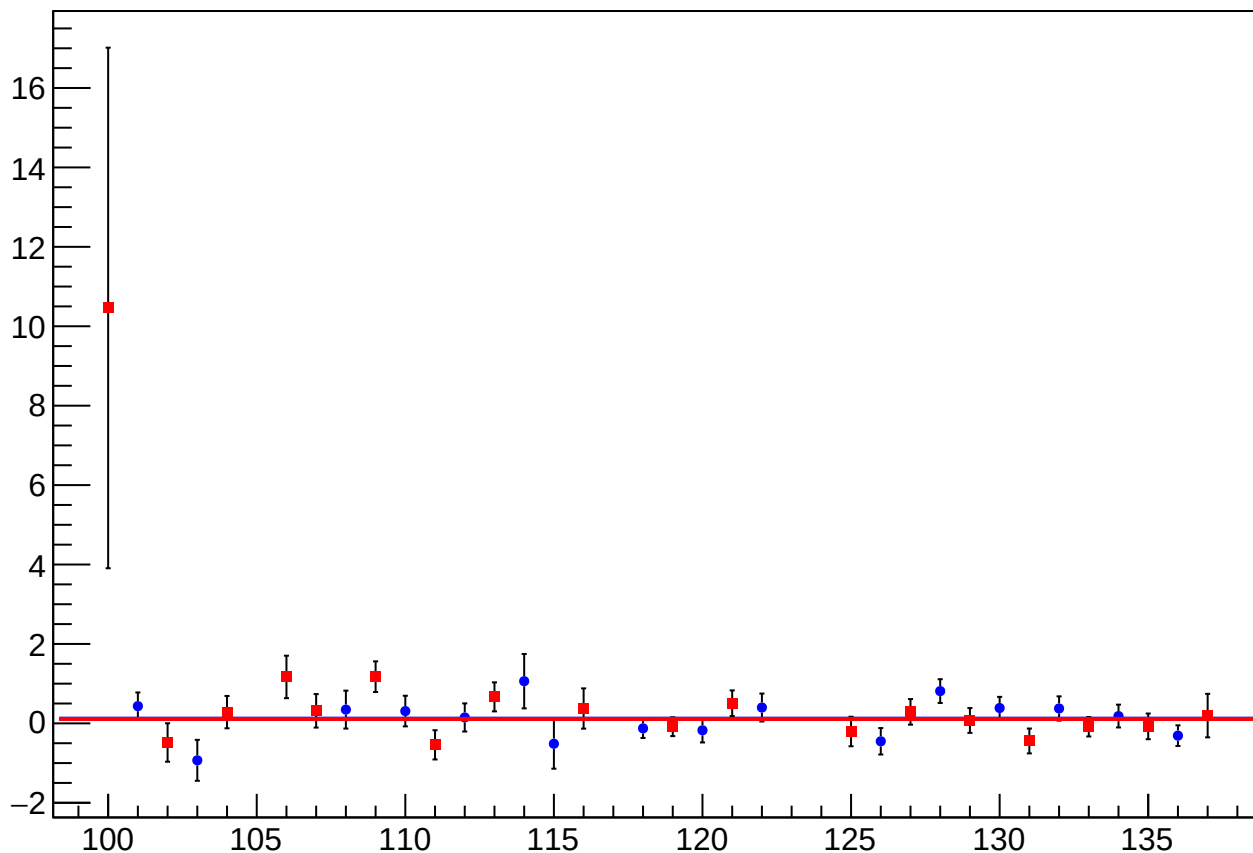
Right: -0.546+/-0.057 χ^2/NDF : 77.6/33

In: -0.558+/-0.080 χ^2/NDF : 28.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.546+/-0.057 χ^2/NDF : 77.6/33

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.118 $\pm$ 0.084 χ^2 /NDF: 23.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.111 $\pm$ 0.085 χ^2 /NDF: 29.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

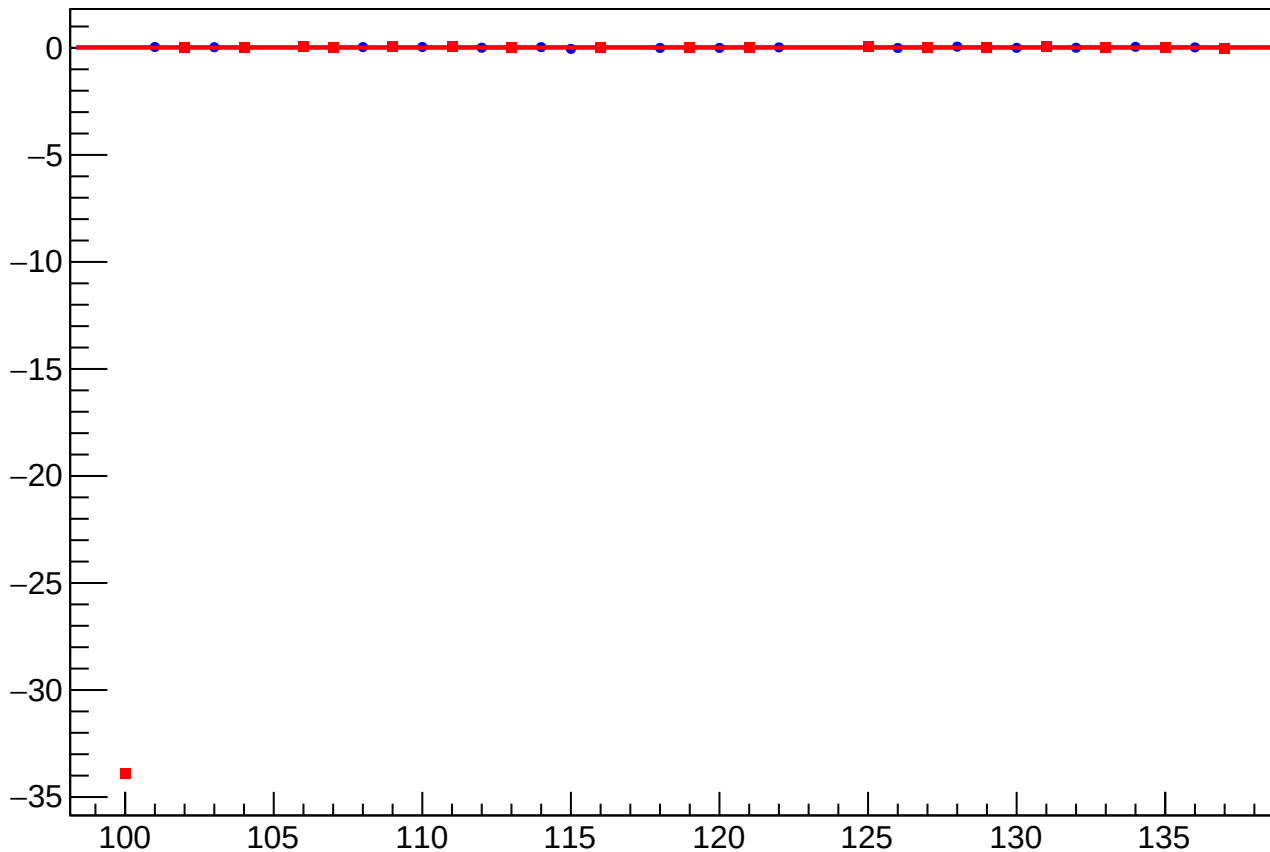
Right: 0.115 $\pm$ 0.060 χ^2 /NDF: 52.6/33

In: 0.118 $\pm$ 0.084 χ^2 /NDF:23.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.115 $\pm$ 0.060 χ^2 /NDF: 52.6/33

reg_asym_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.005 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.012 $\pm$ 0.005 χ^2 /NDF: 22262.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

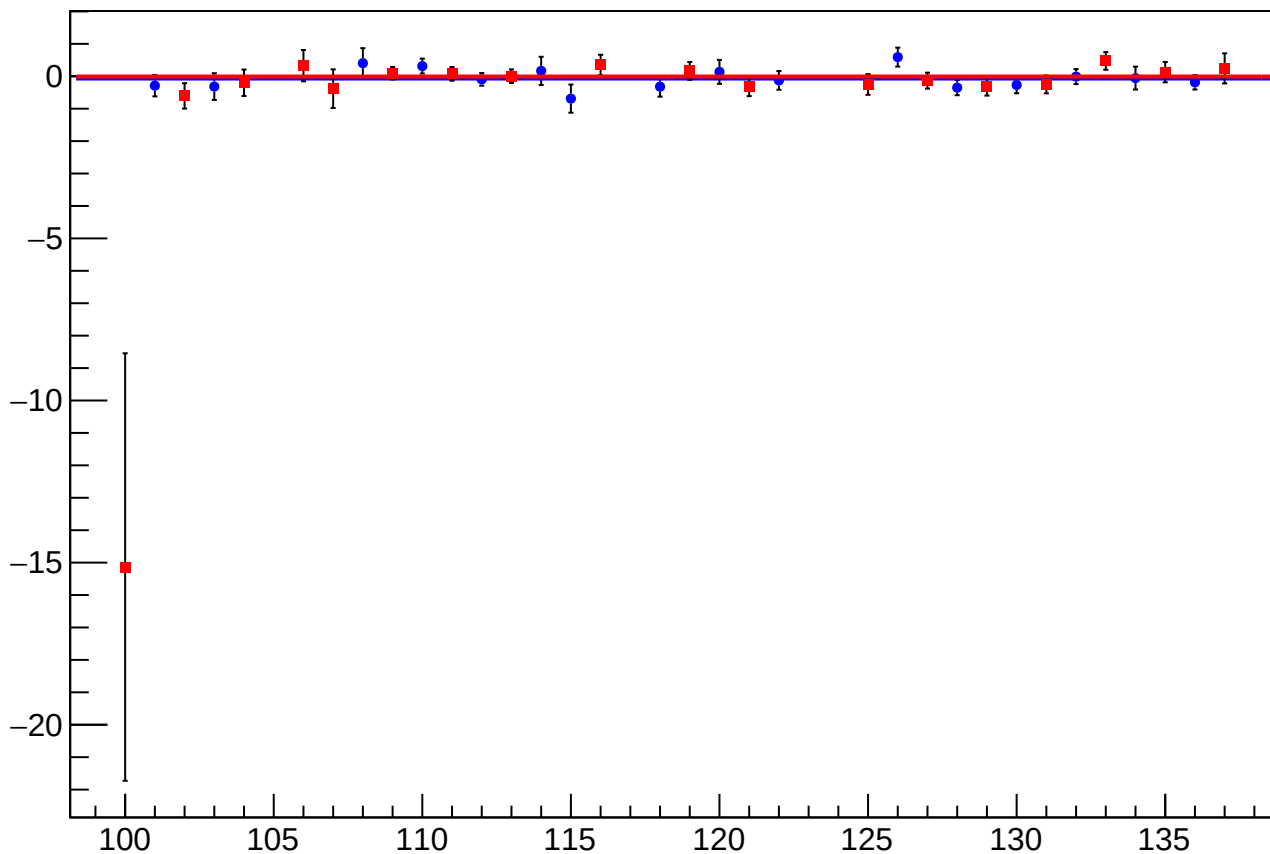
Right: 0.020 $\pm$ 0.003 χ^2 /NDF: 22281.9/33

In: 0.027 $\pm$ 0.005 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.020 $\pm$ 0.003 χ^2 /NDF: 22281.9/33

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.070 ± 0.071 χ^2/NDF : 15.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.070 χ^2/NDF : 18.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

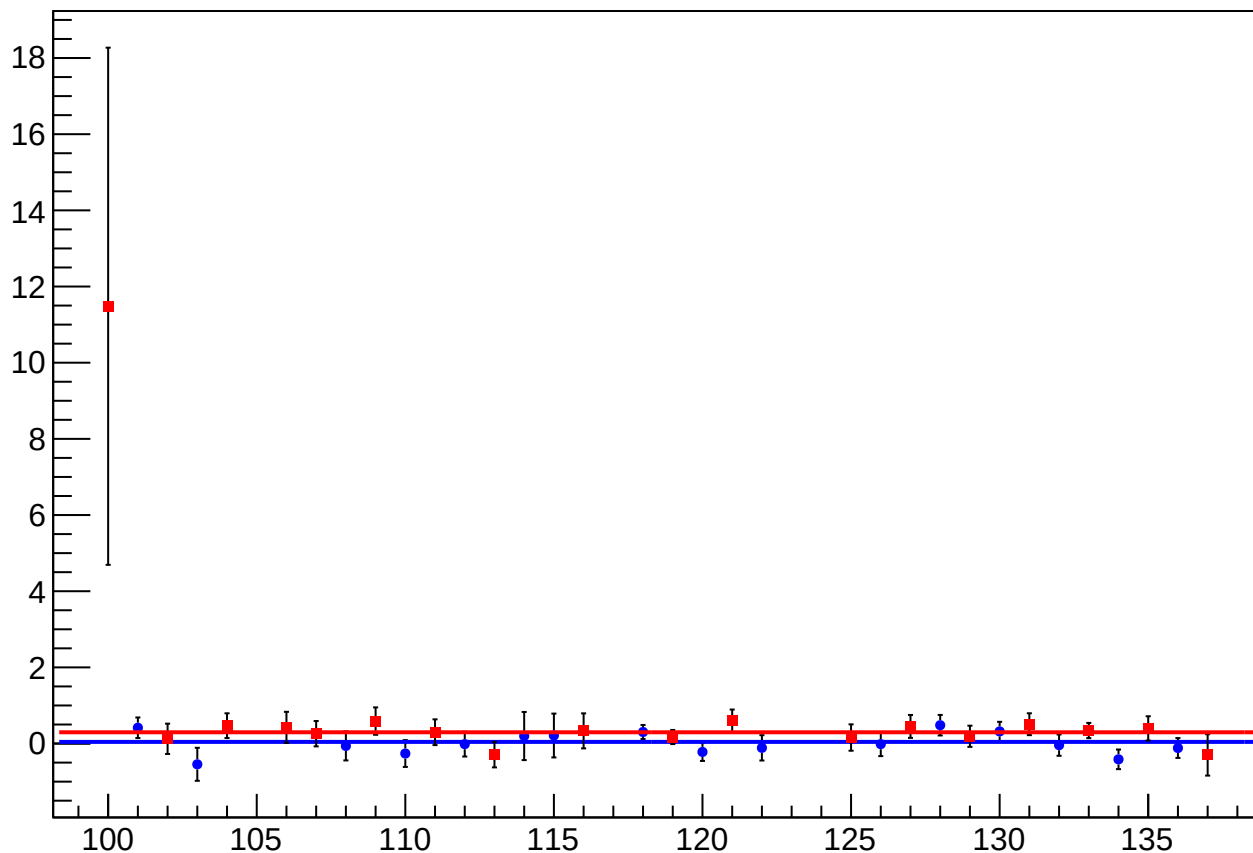
Right: -0.038 ± 0.050 χ^2/NDF : 34.1/33

In: -0.070 ± 0.071 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.038 ± 0.050 χ^2/NDF : 34.1/33

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.044+/-0.073 χ^2/NDF : 15.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.296+/-0.074 χ^2/NDF : 11.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

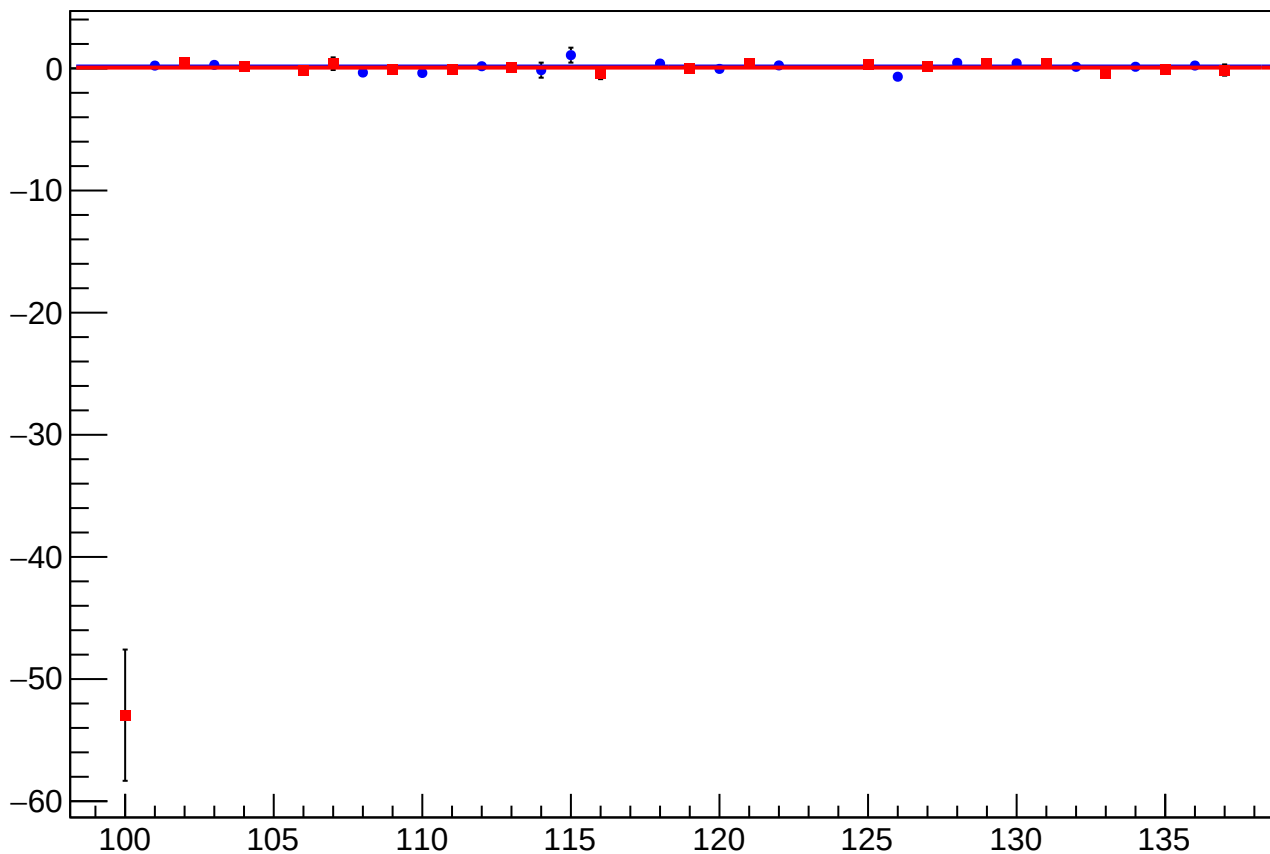
Right: 0.169+/-0.052 χ^2/NDF : 32.6/33

In: 0.044+/-0.073 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.052 χ^2/NDF : 32.6/33

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.154+/-0.080 χ^2/NDF : 15.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.081 χ^2/NDF : 109.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

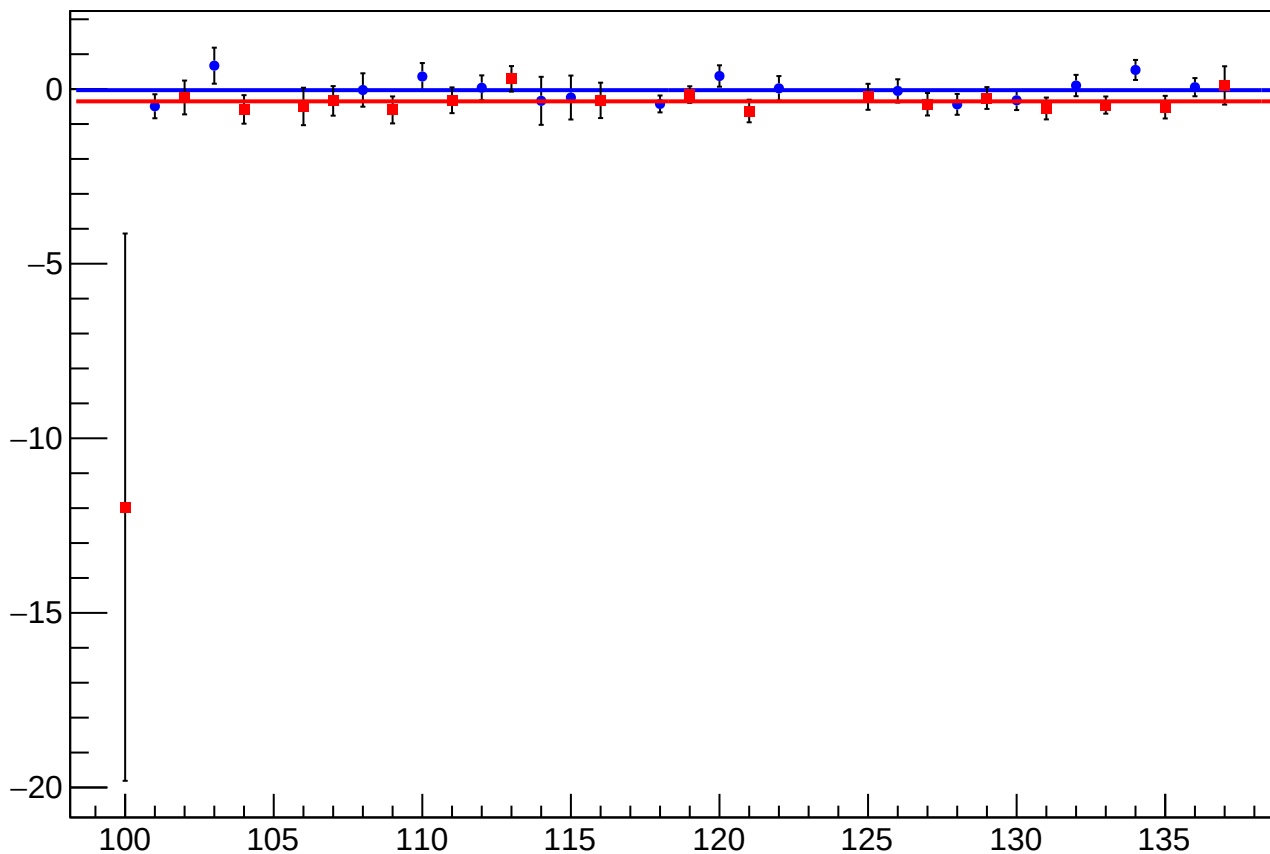
Right: 0.110+/-0.057 χ^2/NDF : 125.5/33

In: 0.154+/-0.080 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.110+/-0.057 χ^2/NDF : 125.5/33

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.030 ± 0.084 χ^2/NDF : 16.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.350 ± 0.085 χ^2/NDF : 9.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

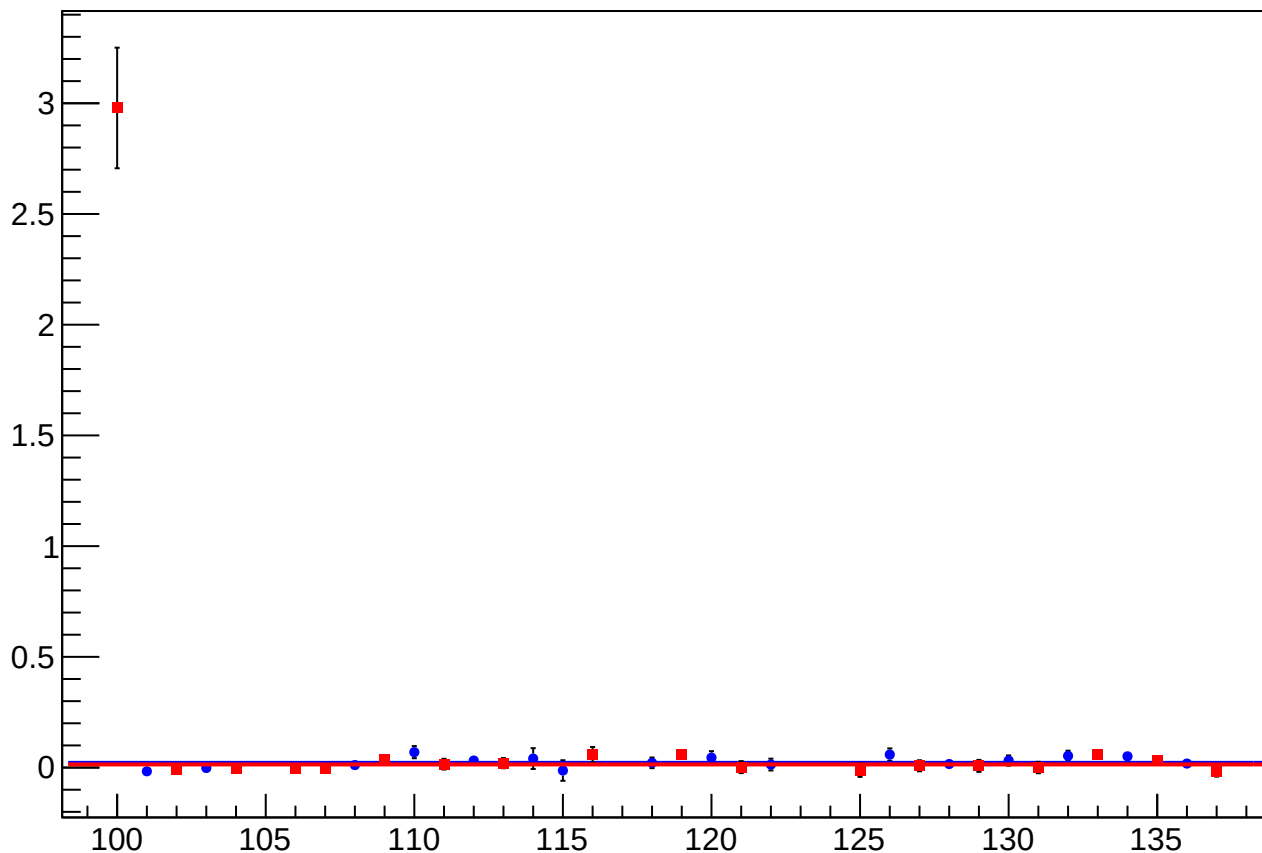
Right: -0.188 ± 0.060 χ^2/NDF : 33.4/33

In: -0.030 ± 0.084 χ^2/NDF : 16.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.188 ± 0.060 χ^2/NDF : 33.4/33

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.021 $\pm$ 0.005 χ^2 /NDF: 22.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.005 χ^2 /NDF: 140.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

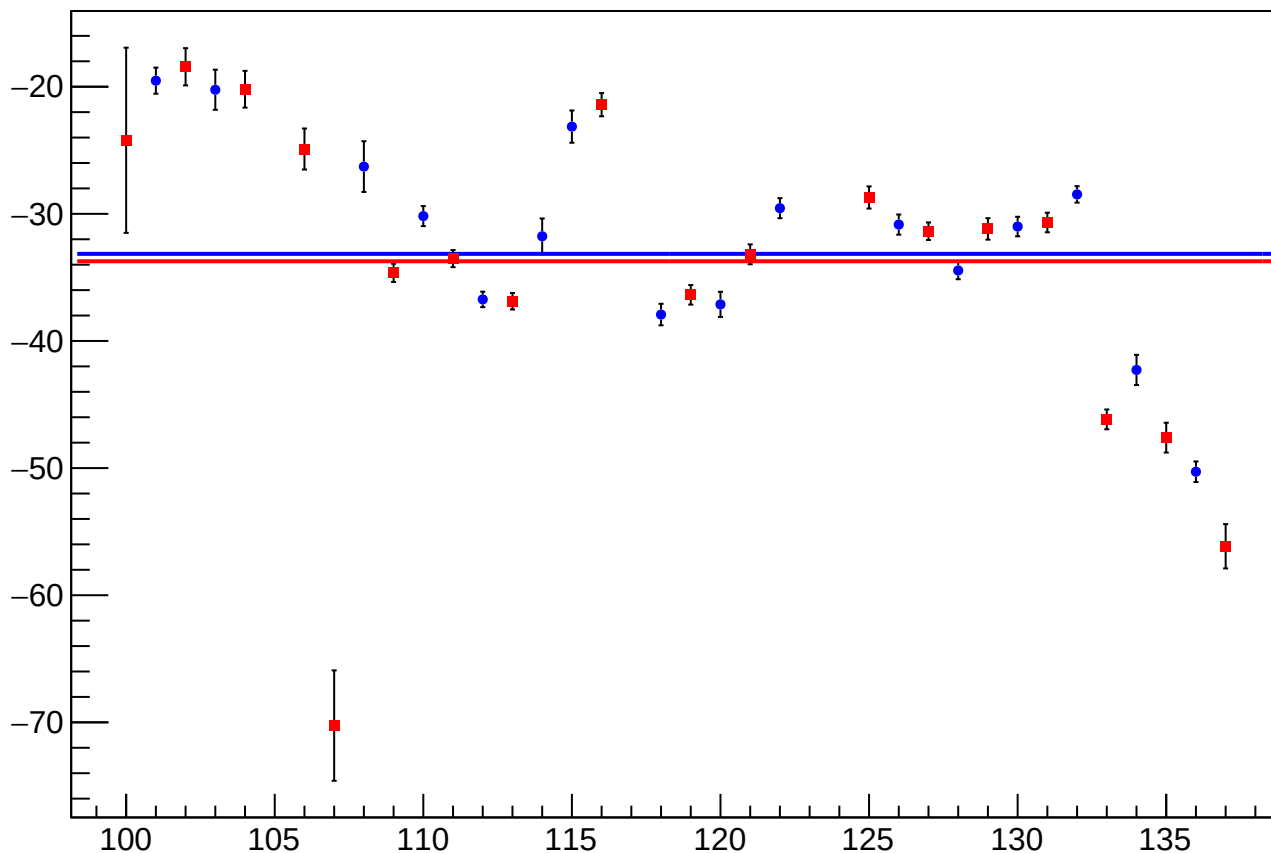
Right: 0.018 $\pm$ 0.003 χ^2 /NDF: 164.5/33

In: 0.021 $\pm$ 0.005 χ^2 /NDF:22.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.018 $\pm$ 0.003 χ^2 /NDF: 164.5/33

reg_asym_left_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.148+/-0.218 χ^2/NDF : 1013.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -33.730+/-0.215 χ^2/NDF : 1148.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

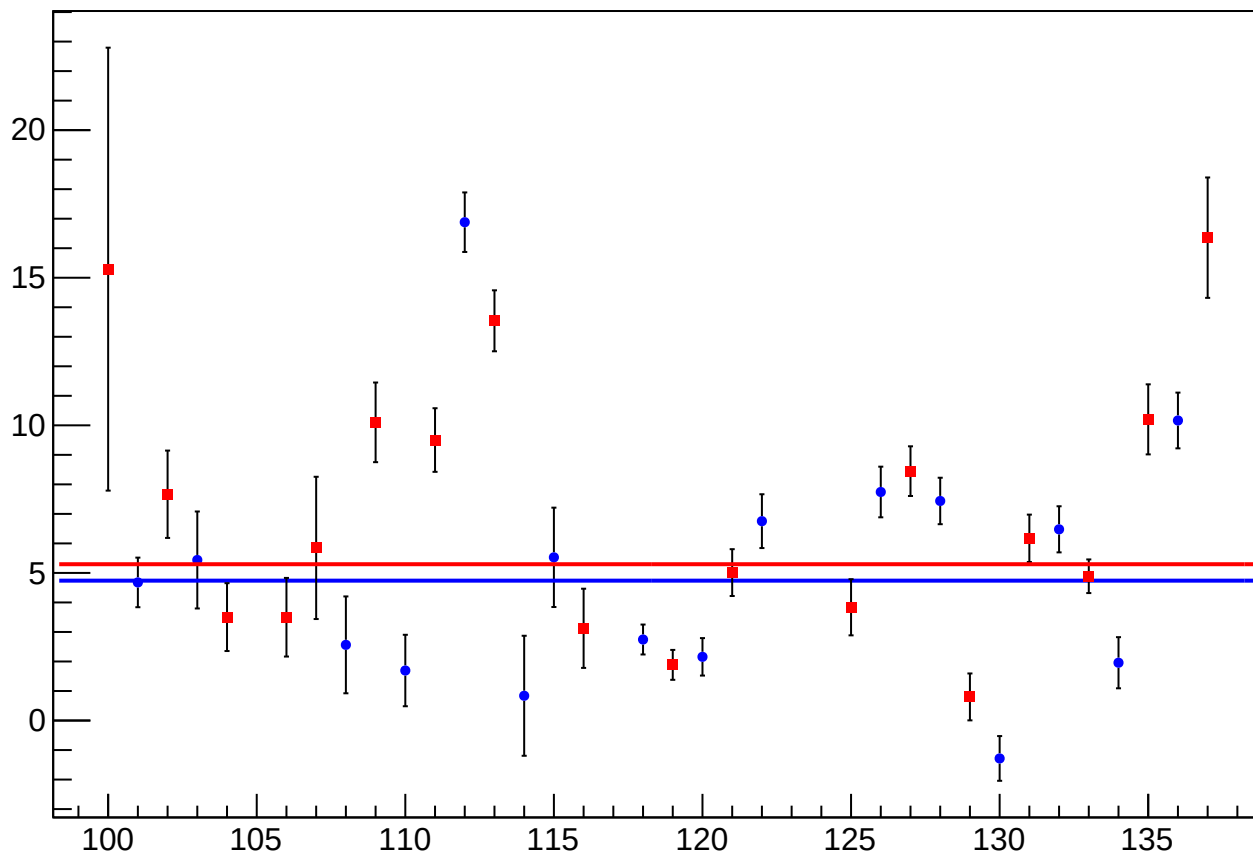
Right: -33.443+/-0.153 χ^2/NDF : 2166.0/33

In: -33.148+/-0.218 χ^2/NDF :1013.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.443+/-0.153 χ^2/NDF : 2166.0/33

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.738 $\pm$ 0.219 χ^2 /NDF: 329.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.295 $\pm$ 0.223 χ^2 /NDF: 245.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

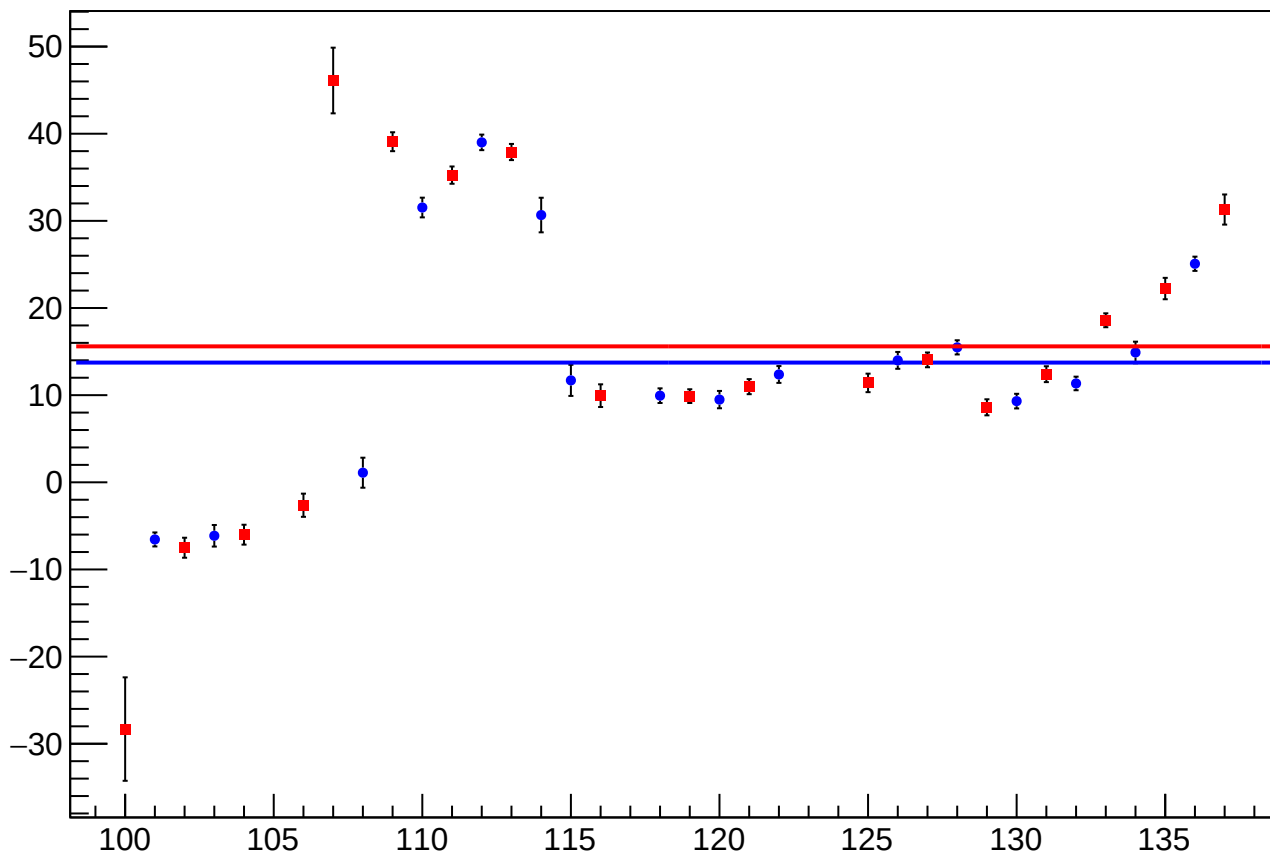
Right: 5.012 $\pm$ 0.156 χ^2 /NDF: 577.8/33

In: 4.738 $\pm$ 0.219 χ^2 /NDF:329.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.012 $\pm$ 0.156 χ^2 /NDF: 577.8/33

reg_asym_left_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 13.738+/-0.247 χ^2/NDF : 2349.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.599+/-0.250 χ^2/NDF : 2826.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

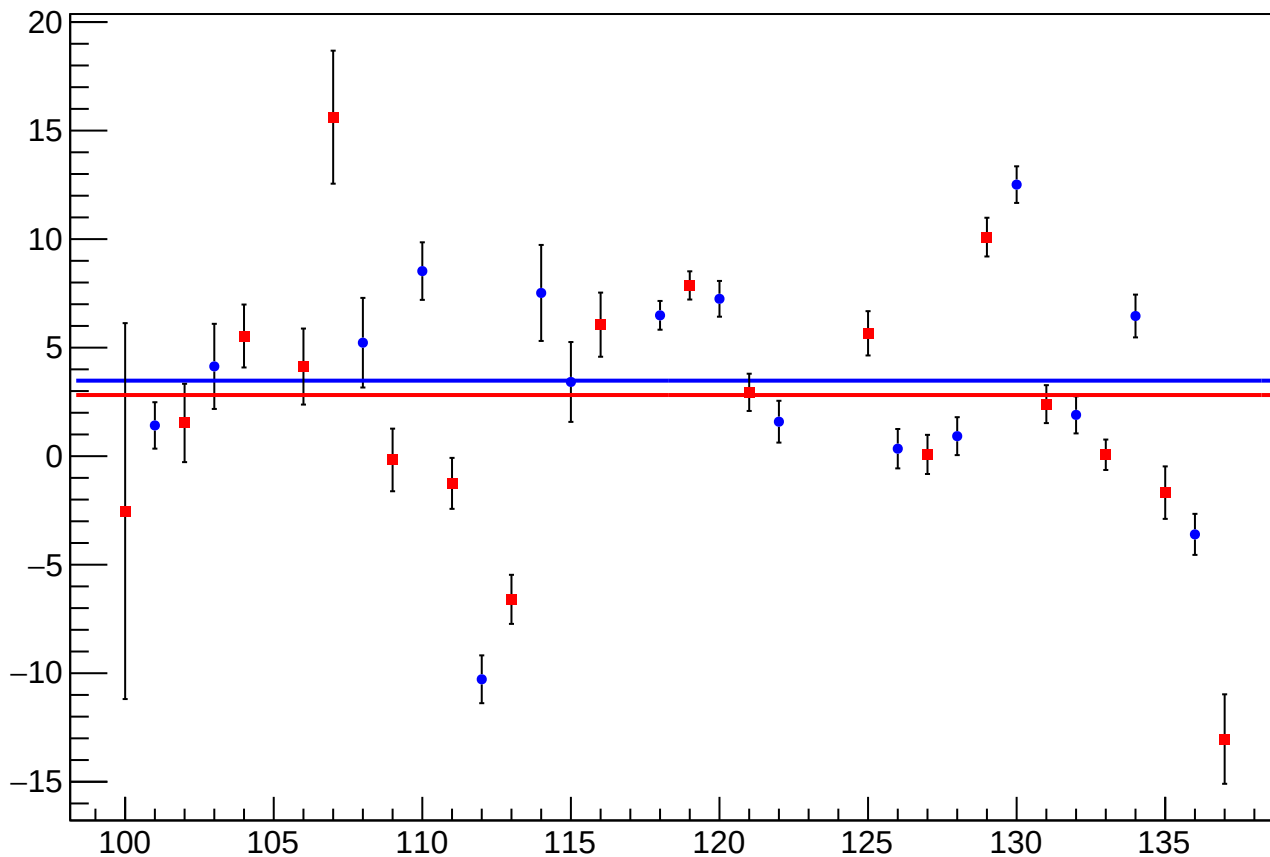
Right: 14.656+/-0.176 χ^2/NDF : 5204.2/33

In: 13.738+/-0.247 χ^2/NDF : 2349.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.656+/-0.176 χ^2/NDF : 5204.2/33

reg_asym_left_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.479+/-0.254 χ^2/NDF : 427.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.817+/-0.257 χ^2/NDF : 345.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

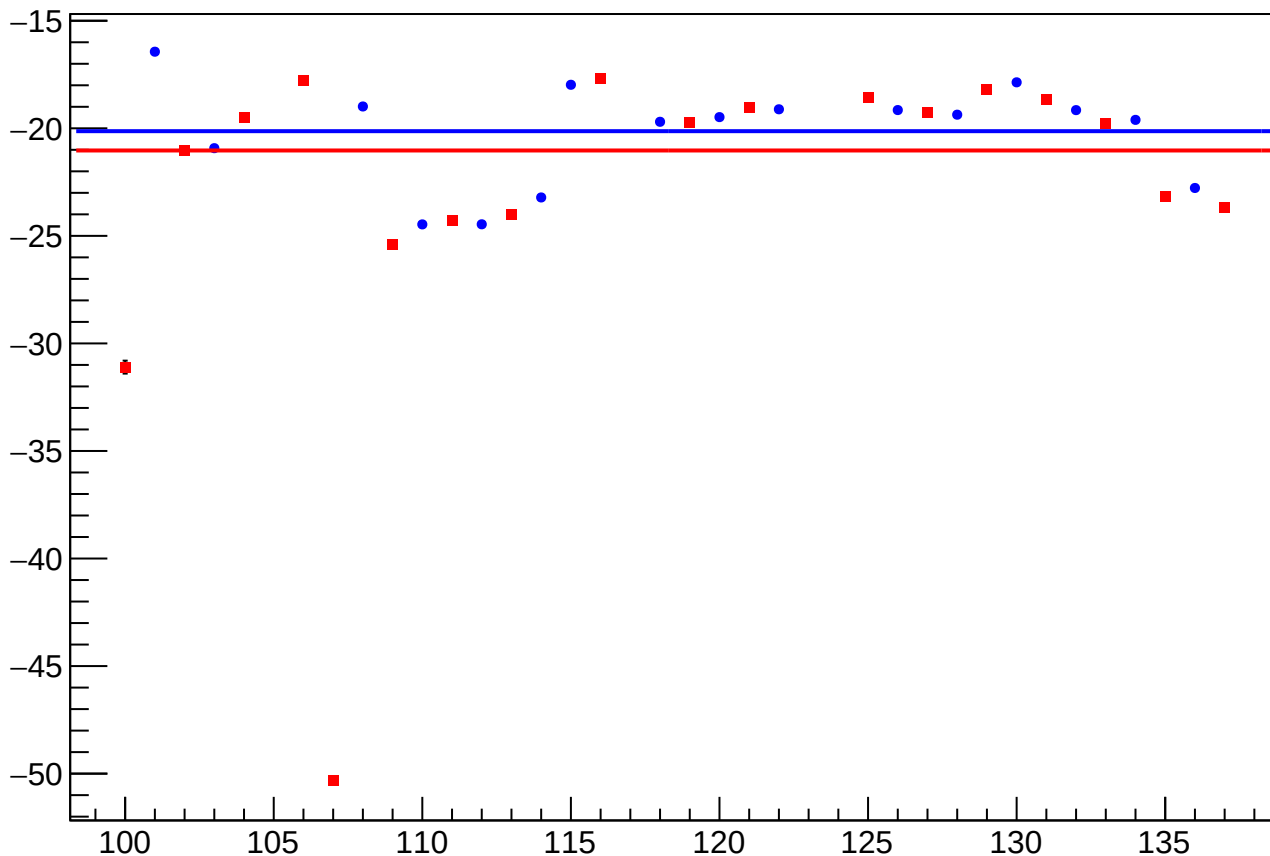
Right: 3.153+/-0.181 χ^2/NDF : 776.3/33

In: 3.479+/-0.254 χ^2/NDF : 427.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.153+/-0.181 χ^2/NDF : 776.3/33

reg_asym_left_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.133+/-0.016 χ^2/NDF : 19831.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.031+/-0.016 χ^2/NDF : 57523.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

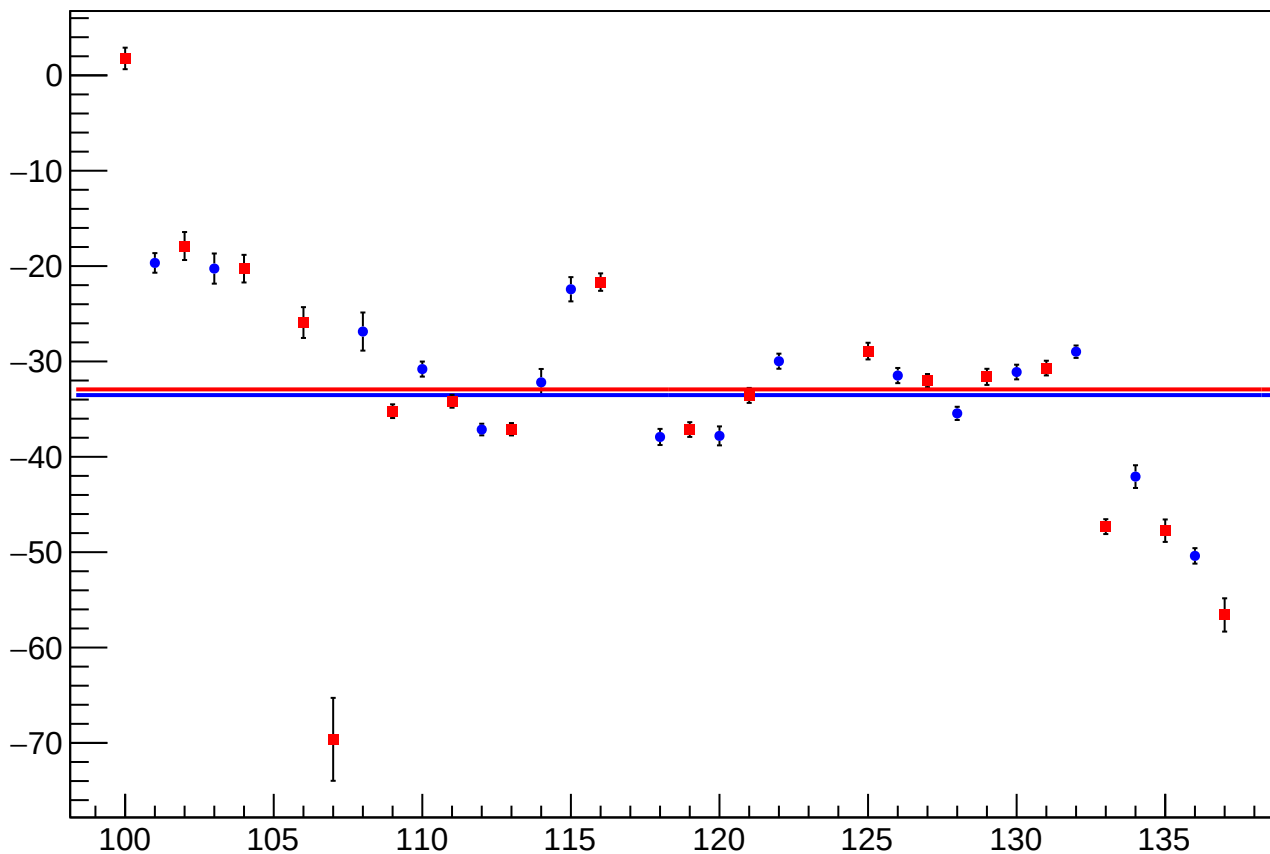
Right: -20.570+/-0.011 χ^2/NDF : 78882.9/33

In: -20.133+/-0.016 χ^2/NDF : 19831.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.570+/-0.011 χ^2/NDF : 78882.9/33

reg_asym_left_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -33.528 ± 0.218 χ^2/NDF : 1008.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.931 ± 0.212 χ^2/NDF : 2170.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

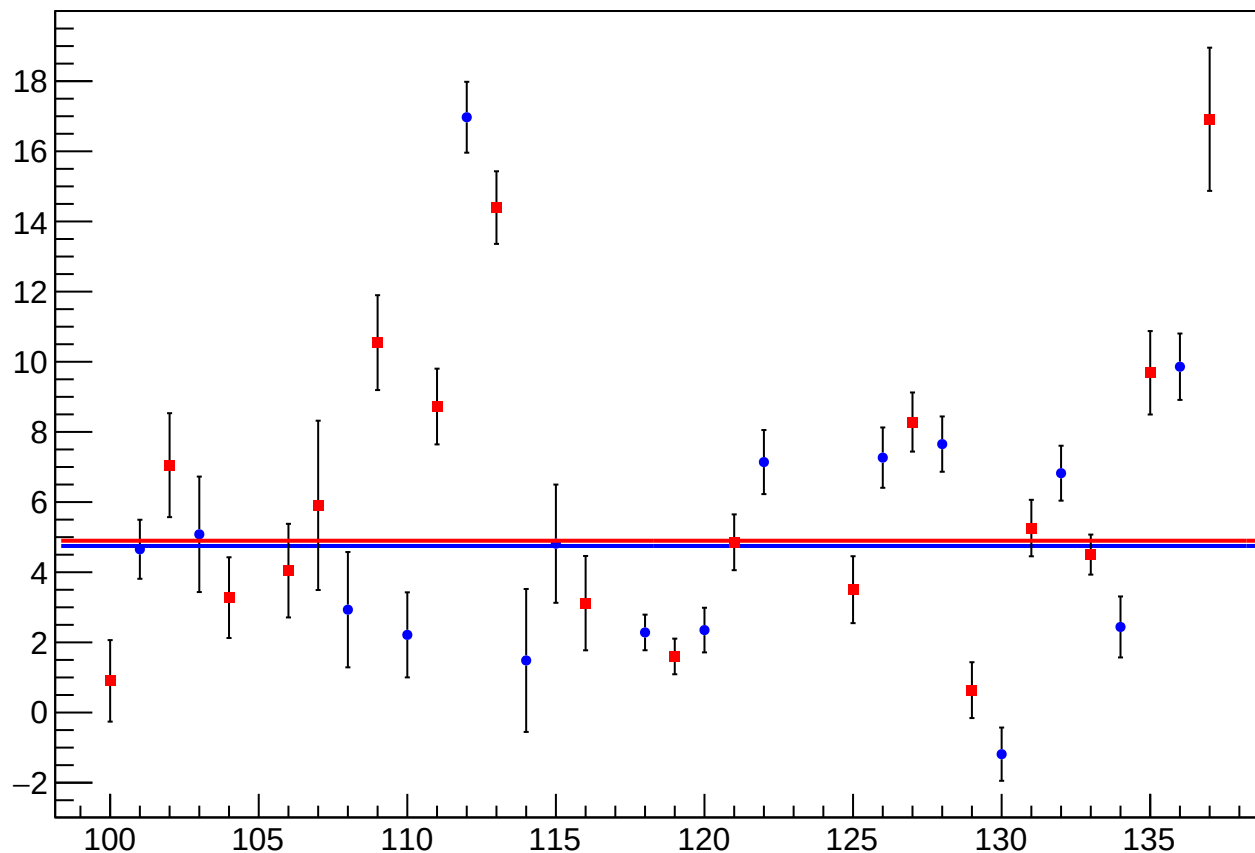
Right: -33.220 ± 0.152 χ^2/NDF : 3182.6/33

In: -33.528 ± 0.218 χ^2/NDF : 1008.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.220 ± 0.152 χ^2/NDF : 3182.6/33

reg_asym_left_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.748+/-0.220 χ^2/NDF : 325.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.898+/-0.220 χ^2/NDF : 273.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

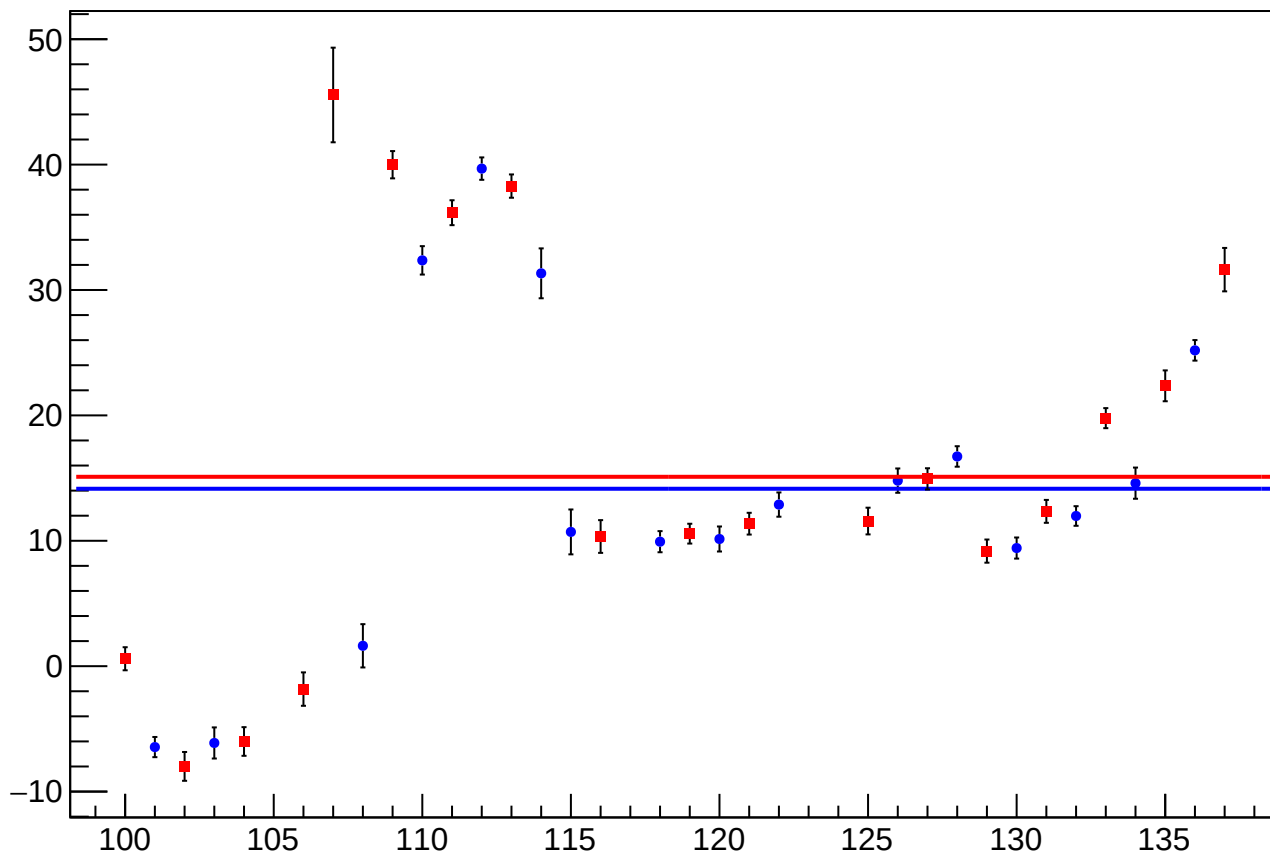
Right: 4.823+/-0.155 χ^2/NDF : 599.0/33

In: 4.748+/-0.220 χ^2/NDF : 325.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.823+/-0.155 χ^2/NDF : 599.0/33

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.149 $\pm$ 0.247 χ^2 /NDF: 2402.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.103 $\pm$ 0.242 χ^2 /NDF: 3102.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

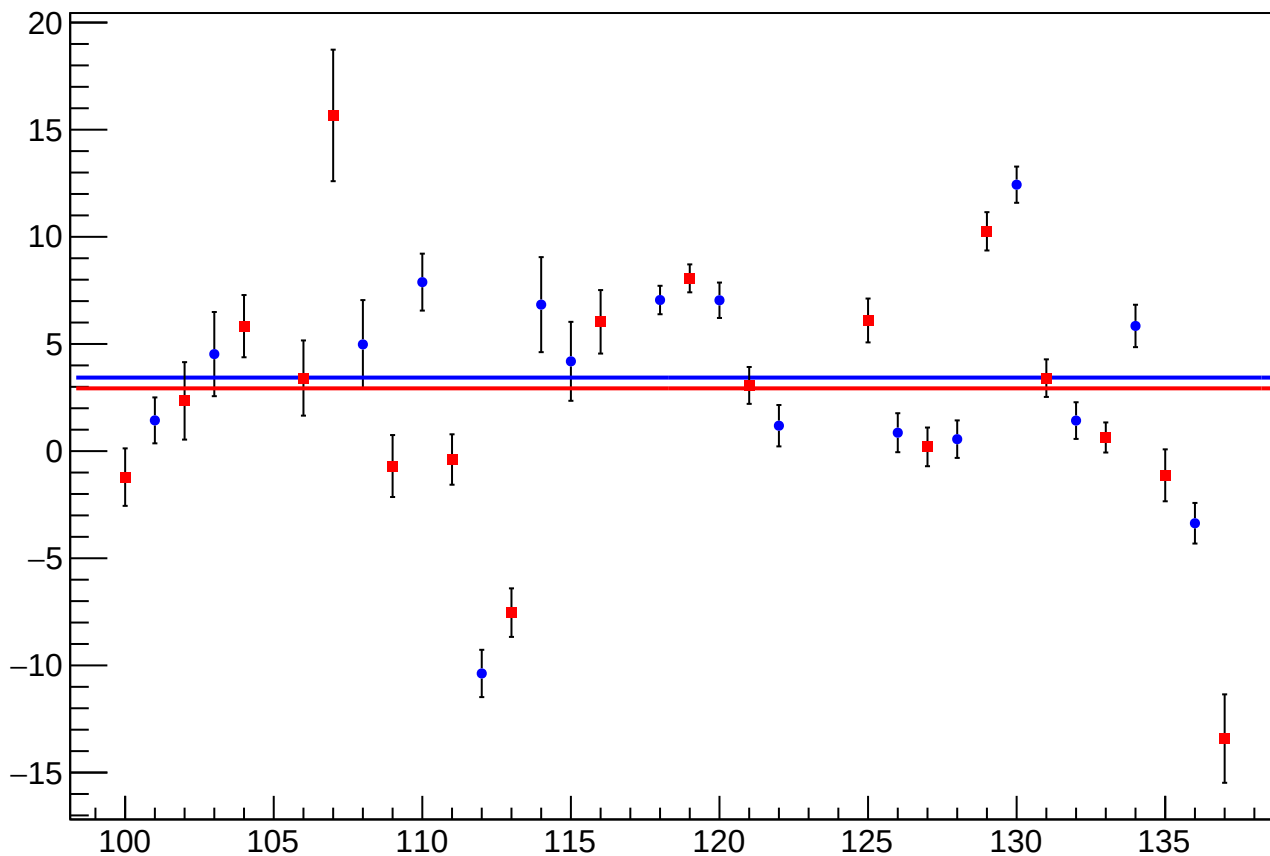
Right: 14.636 $\pm$ 0.173 χ^2 /NDF: 5512.3/33

In: 14.149 $\pm$ 0.247 χ^2 /NDF:2402.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 14.636 $\pm$ 0.173 χ^2 /NDF: 5512.3/33

reg_asym_left_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 3.432 $\pm$ 0.254 χ^2 /NDF: 424.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.929 $\pm$ 0.253 χ^2 /NDF: 367.7/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

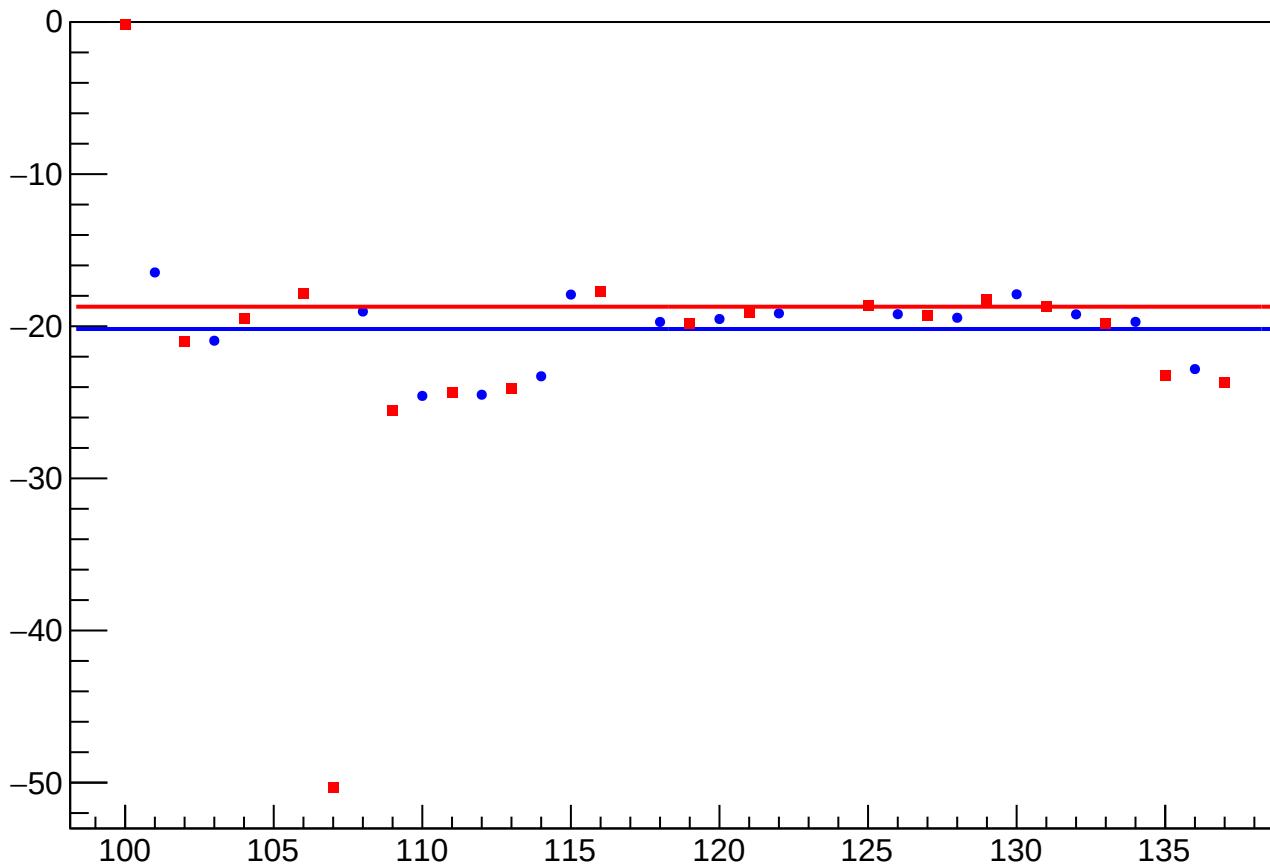
Right: 3.179 $\pm$ 0.179 χ^2 /NDF: 793.7/33

In: 3.432 $\pm$ 0.254 χ^2 /NDF:424.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.179 $\pm$ 0.179 χ^2 /NDF: 793.7/33

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.180 ± 0.016 $\chi^2/\text{NDF}: 19856.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.714 ± 0.016 $\chi^2/\text{NDF}: 234667.0/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

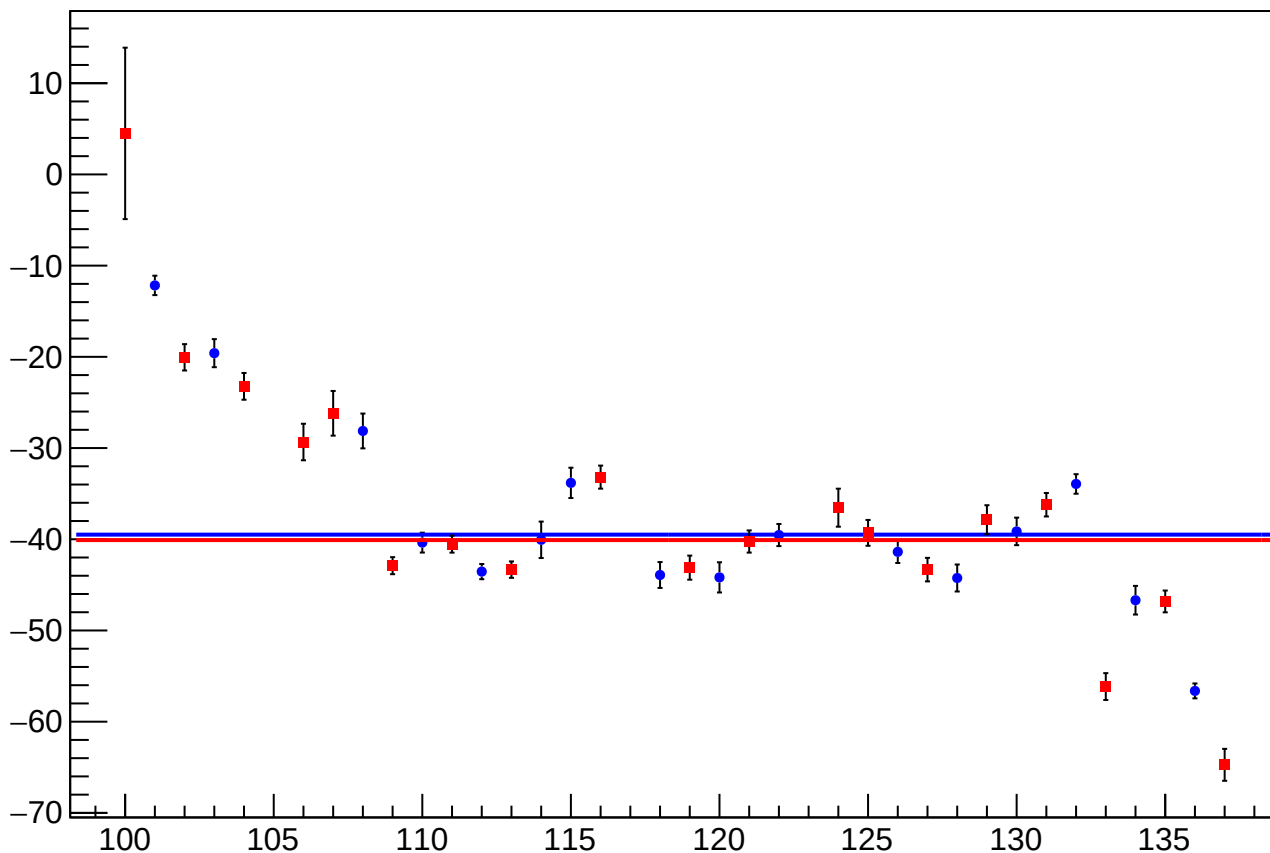
Right: -19.425 ± 0.011 $\chi^2/\text{NDF}: 258824.1/33$

In: -20.180 ± 0.016 $\chi^2/\text{NDF}: 19856.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -19.425 ± 0.011 $\chi^2/\text{NDF}: 258824.1/33$

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.493 ± 0.311 $\chi^2/\text{NDF}: 1417.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -40.090 ± 0.307 $\chi^2/\text{NDF}: 834.9/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

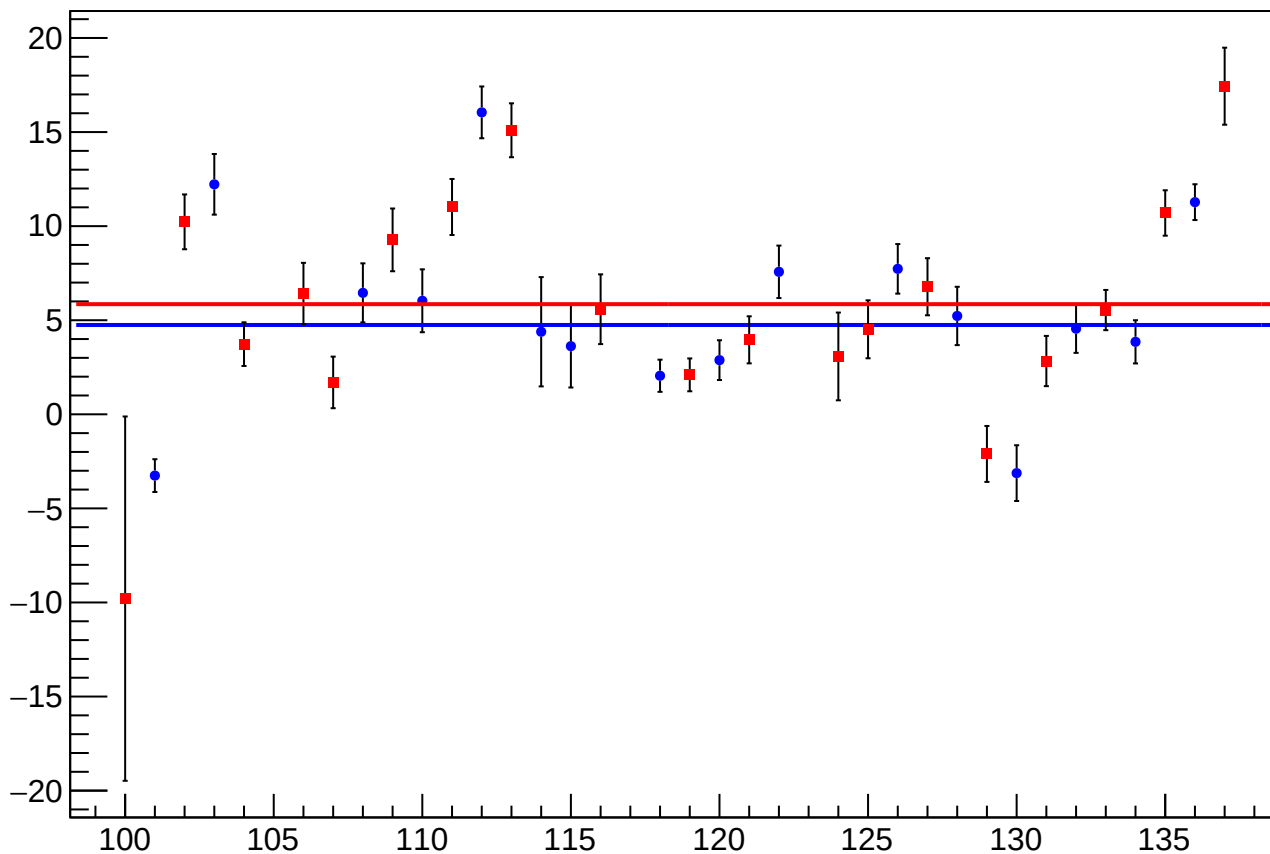
Right: -39.795 ± 0.218 $\chi^2/\text{NDF}: 2253.9/34$

In: -39.493 ± 0.311 $\chi^2/\text{NDF}: 1417.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.795 ± 0.218 $\chi^2/\text{NDF}: 2253.9/34$

reg_asym_right_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.747 $\pm$ 0.316 χ^2 /NDF: 273.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.854 $\pm$ 0.324 χ^2 /NDF: 187.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

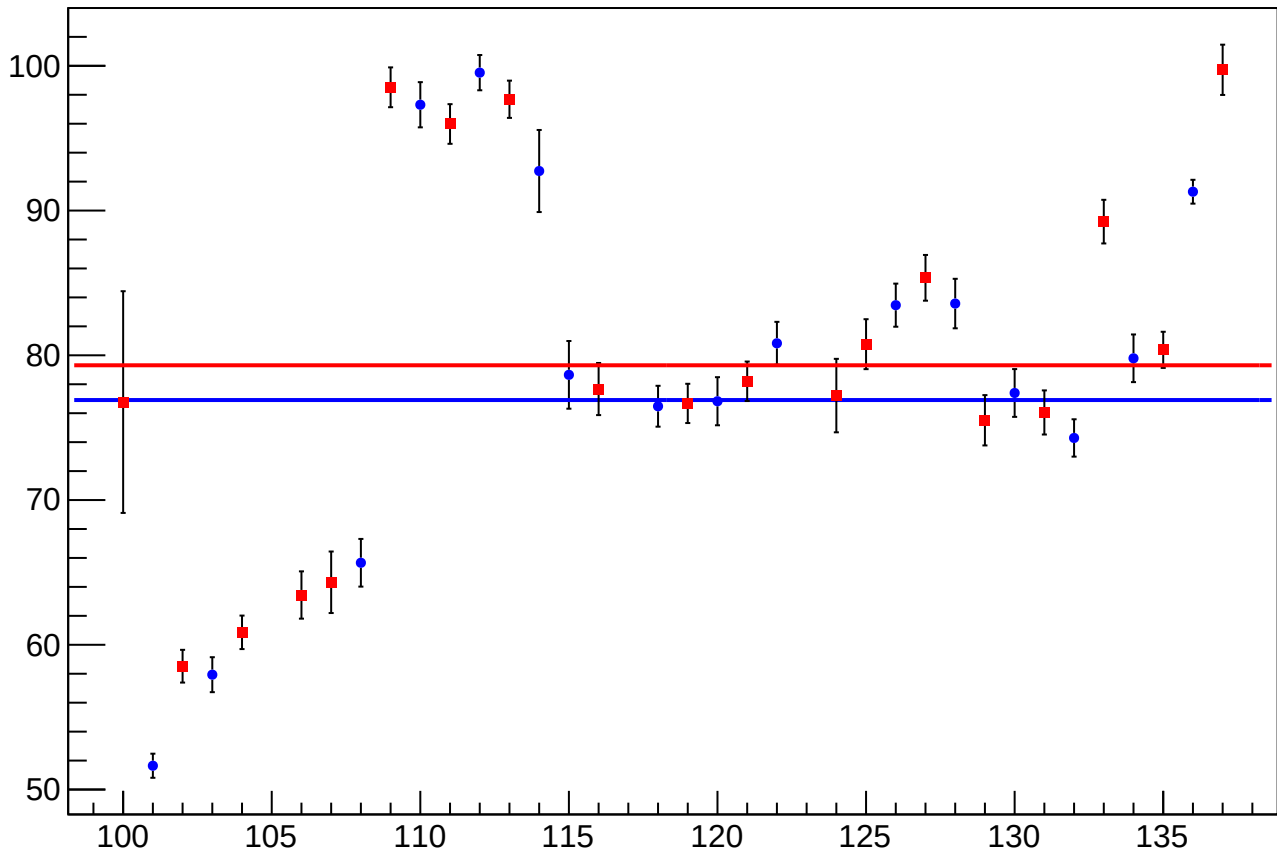
Right: 5.287 $\pm$ 0.226 χ^2 /NDF: 467.4/34

In: 4.747 $\pm$ 0.316 χ^2 /NDF:273.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.287 $\pm$ 0.226 χ^2 /NDF: 467.4/34

reg_asym_right_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 76.909+/-0.337 χ^2/NDF : 2116.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.311+/-0.348 χ^2/NDF : 1496.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

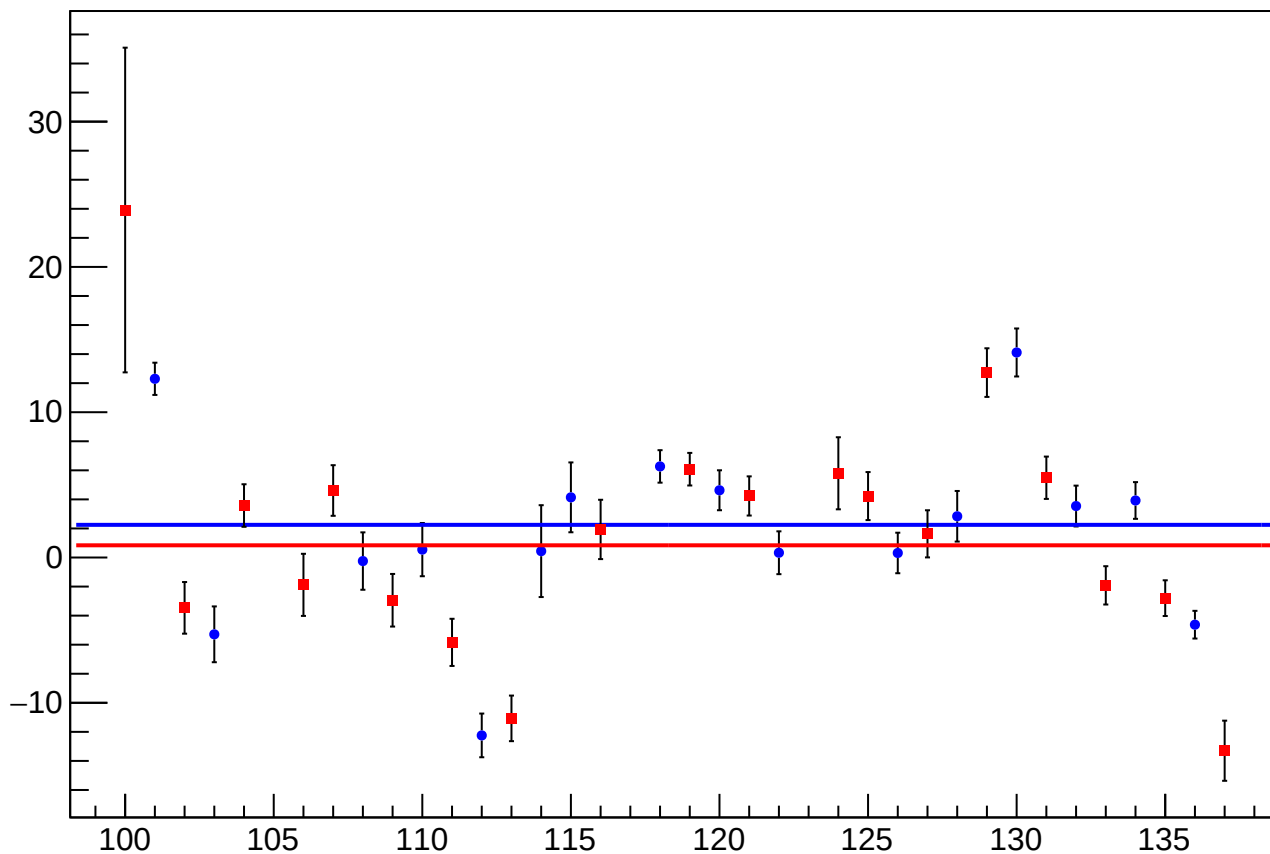
Right: 78.071+/-0.242 χ^2/NDF : 3636.9/34

In: 76.909+/-0.337 χ^2/NDF : 2116.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.071+/-0.242 χ^2/NDF : 3636.9/34

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.248+/-0.363 χ^2/NDF : 319.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.840+/-0.372 χ^2/NDF : 256.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

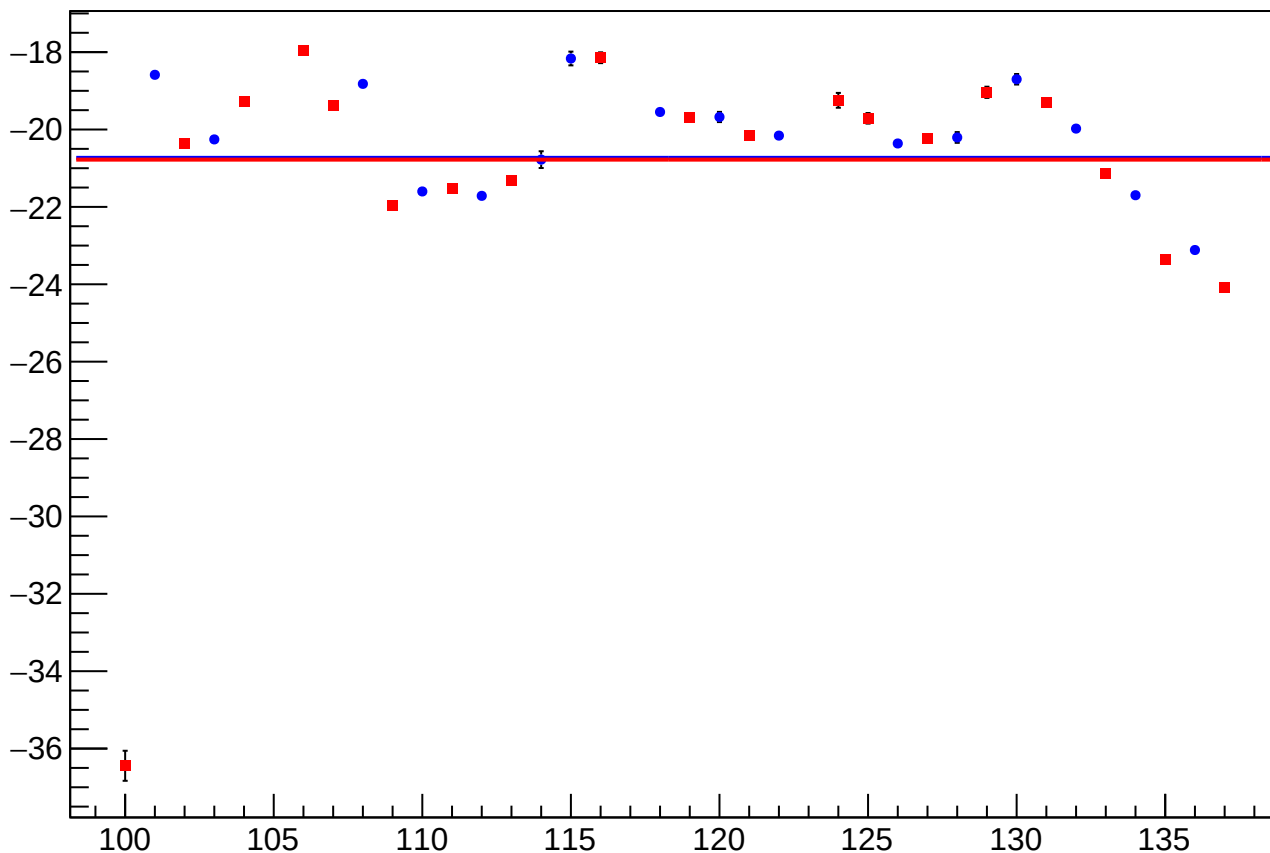
Right: 1.561+/-0.260 χ^2/NDF : 583.2/34

In: 2.248+/-0.363 χ^2/NDF : 319.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.561+/-0.260 χ^2/NDF : 583.2/34

reg_asym_right_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.732 $\pm$ 0.019 χ^2 /NDF: 7634.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -20.778 $\pm$ 0.020 χ^2 /NDF: 9426.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

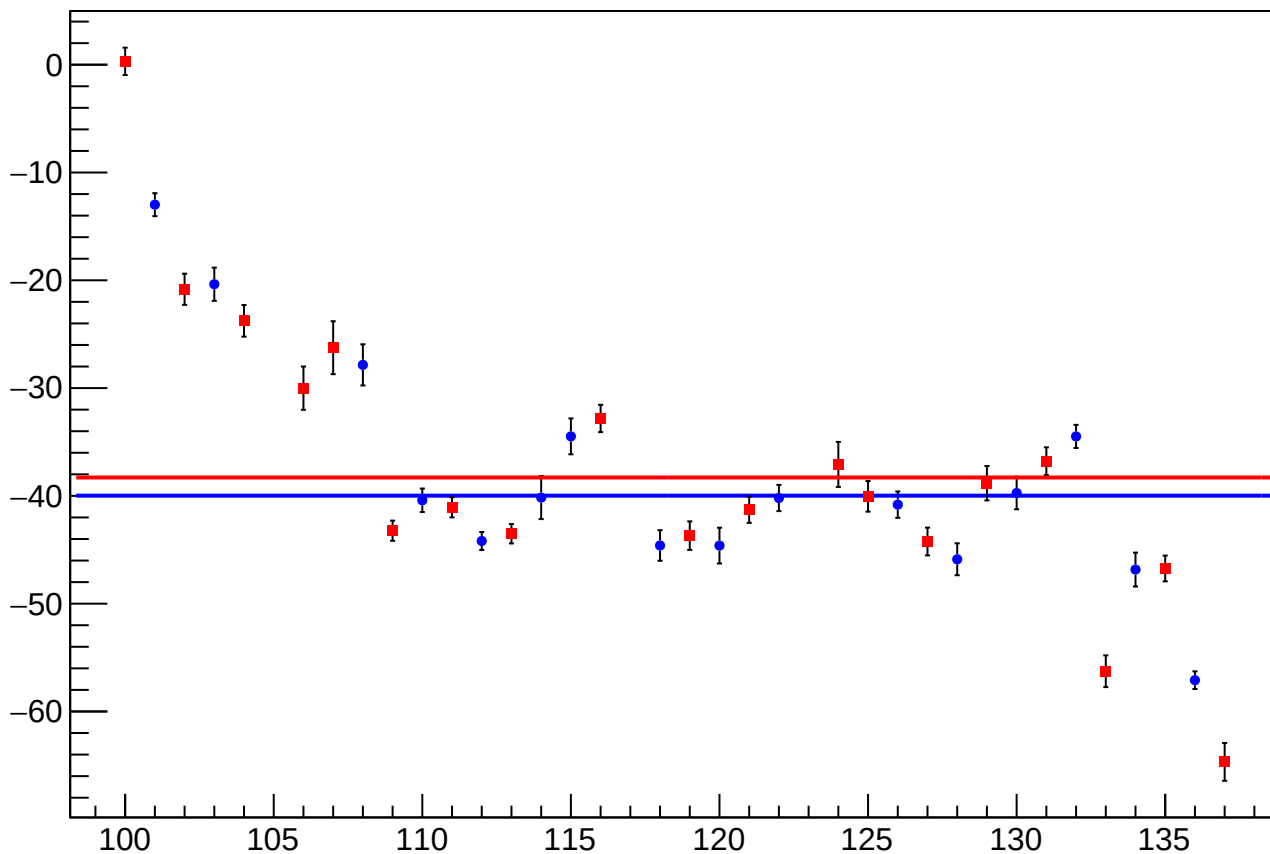
Right: -20.755 $\pm$ 0.014 χ^2 /NDF: 17063.4/34

In: -20.732 $\pm$ 0.019 χ^2 /NDF:7634.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.755 $\pm$ 0.014 χ^2 /NDF: 17063.4/34

reg_asym_right_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.979 ± 0.311 χ^2/NDF : 1398.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.295 ± 0.299 χ^2/NDF : 1773.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

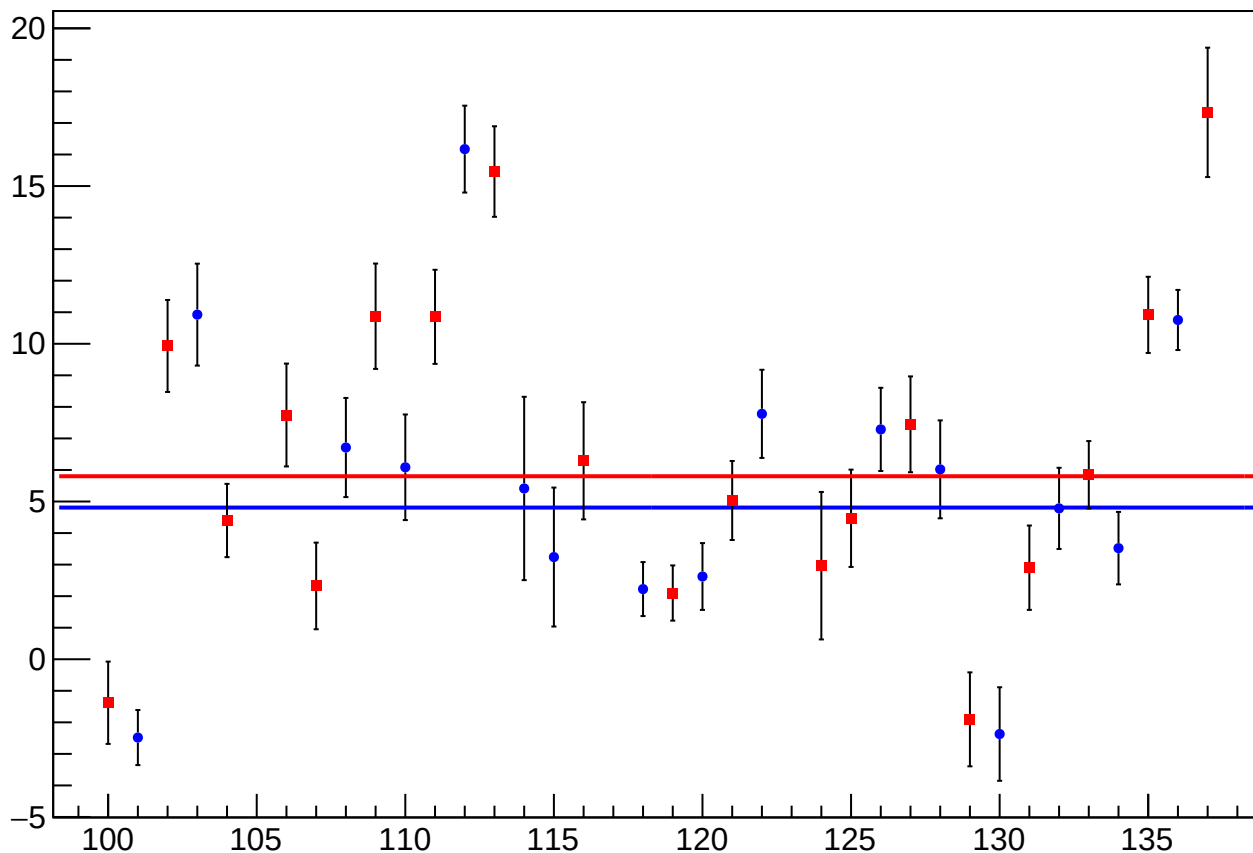
Right: -39.104 ± 0.216 χ^2/NDF : 3187.4/34

In: -39.979 ± 0.311 χ^2/NDF : 1398.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.104 ± 0.216 χ^2/NDF : 3187.4/34

reg_asym_right_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.808 $\pm$ 0.316 χ^2 /NDF: 240.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.801 $\pm$ 0.315 χ^2 /NDF: 216.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

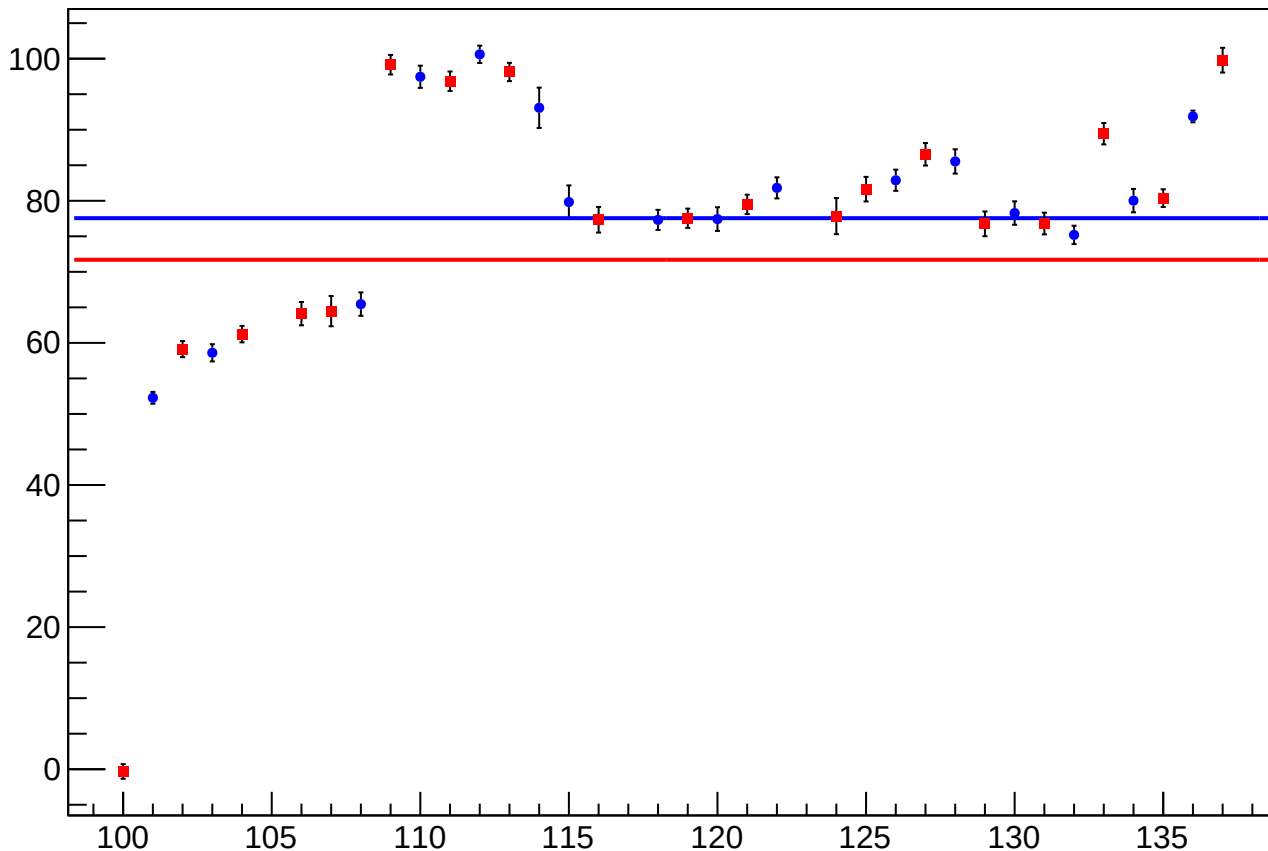
Right: 5.307 $\pm$ 0.223 χ^2 /NDF: 461.9/34

In: 4.808 $\pm$ 0.316 χ^2 /NDF:240.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.307 $\pm$ 0.223 χ^2 /NDF: 461.9/34

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.554+/-0.337 χ^2 /NDF: 2118.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 71.699+/-0.330 χ^2 /NDF: 6903.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

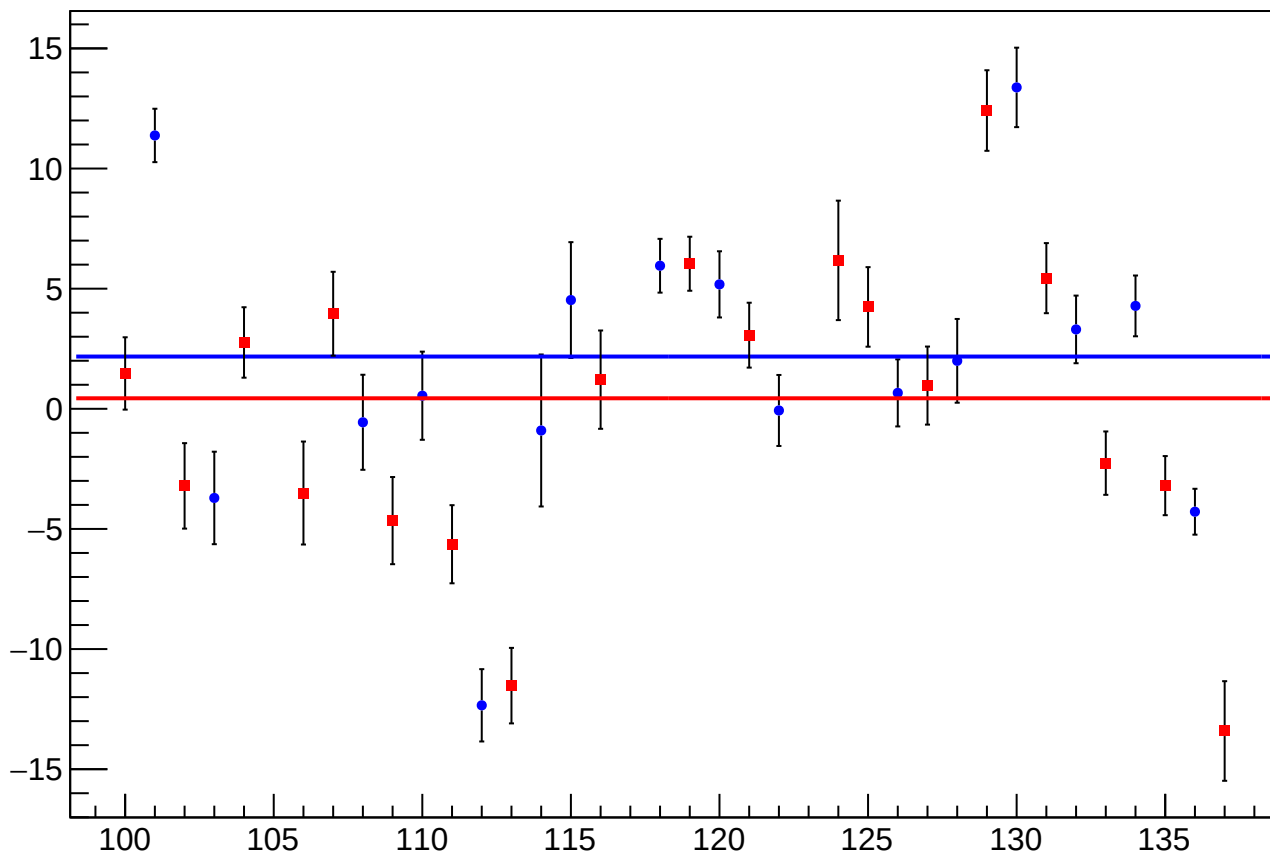
Right: 74.565+/-0.236 χ^2 /NDF: 9175.5/34

In: 77.554+/-0.337 χ^2 /NDF:2118.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 74.565+/-0.236 χ^2 /NDF: 9175.5/34

reg_asym_right_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.175+/-0.364 χ^2/NDF : 290.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.438+/-0.362 χ^2/NDF : 254.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

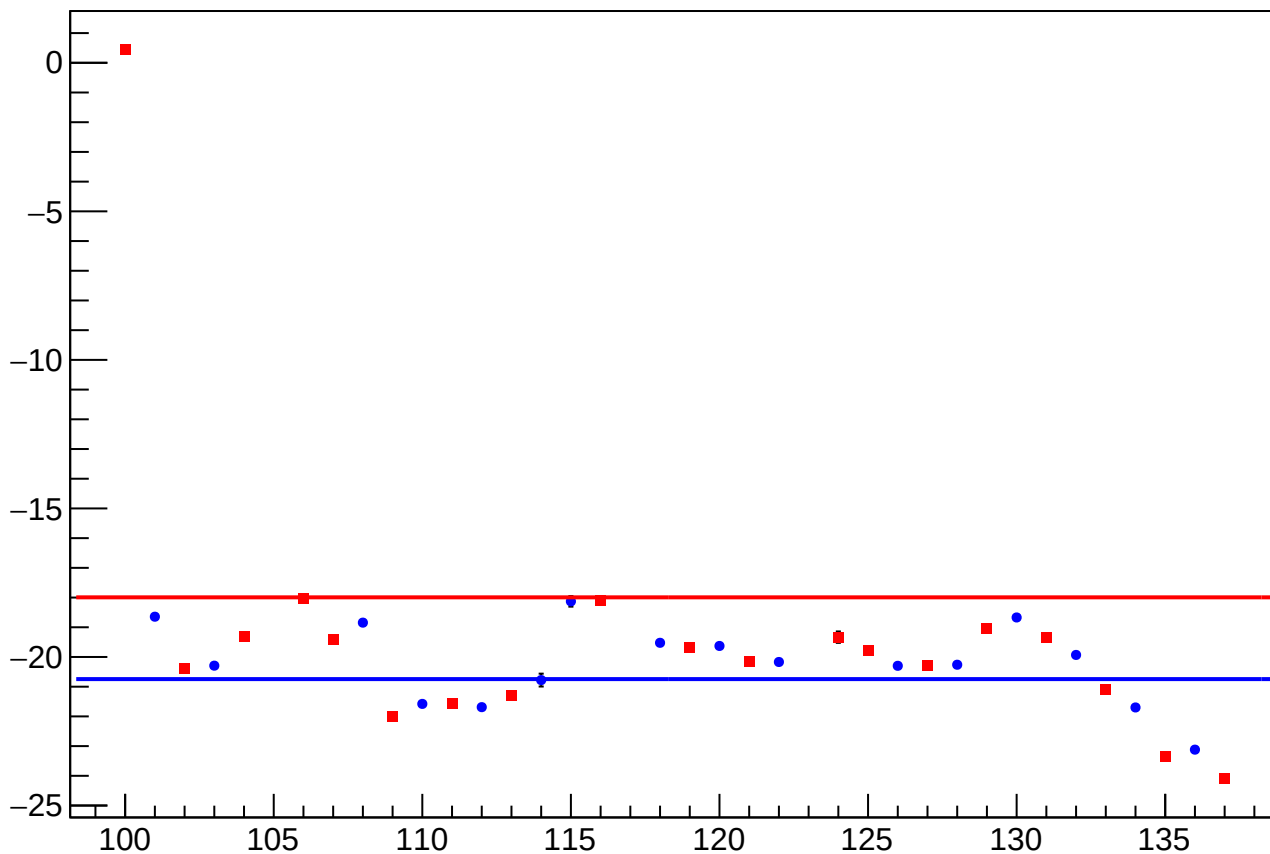
Right: 1.302+/-0.257 χ^2/NDF : 555.9/34

In: 2.175+/-0.364 χ^2/NDF : 290.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.302+/-0.257 χ^2/NDF : 555.9/34

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.745 ± 0.019 χ^2/NDF : 7513.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.993 ± 0.019 χ^2/NDF : 150579.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

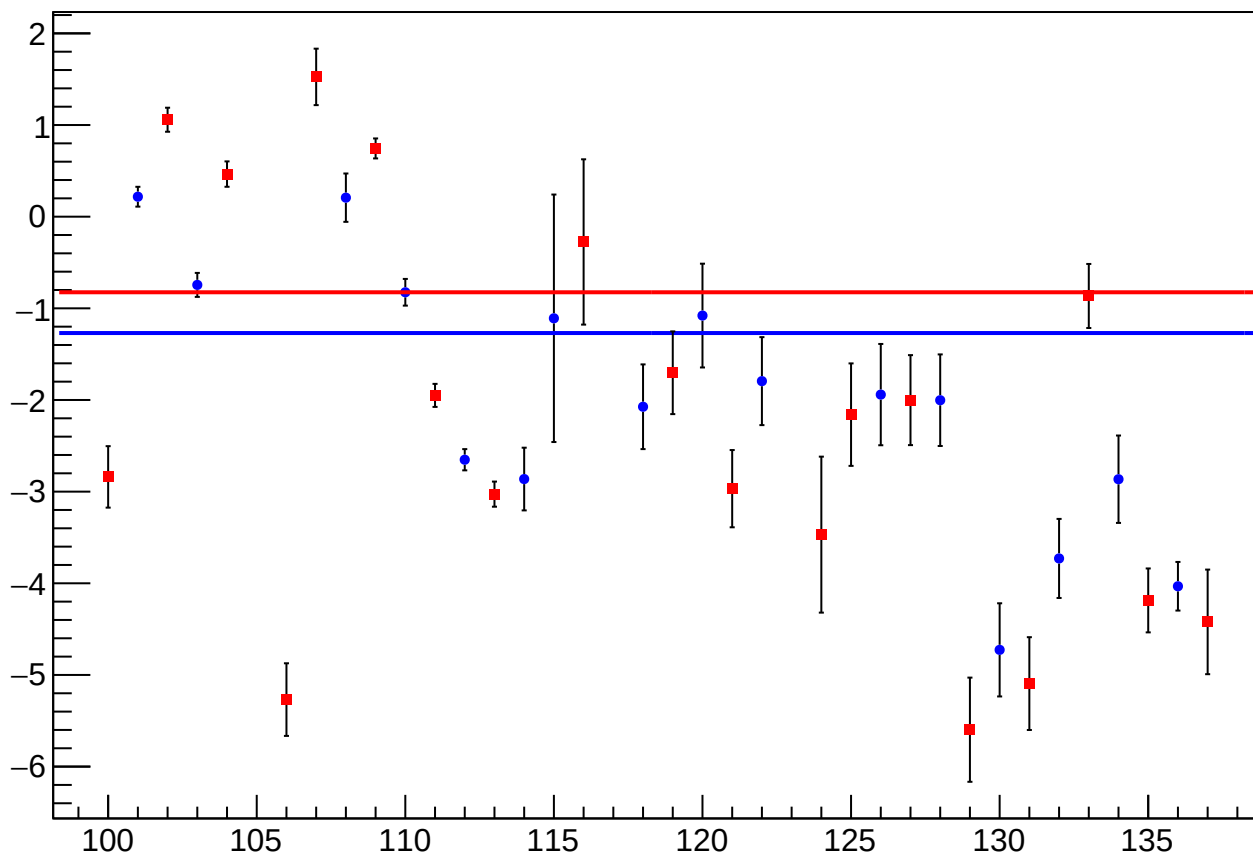
Right: -19.328 ± 0.014 χ^2/NDF : 168397.6/34

In: -20.745 ± 0.019 χ^2/NDF : 7513.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.328 ± 0.014 χ^2/NDF : 168397.6/34

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.270 ± 0.055 χ^2/NDF : 616.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.825 ± 0.051 χ^2/NDF : 1384.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

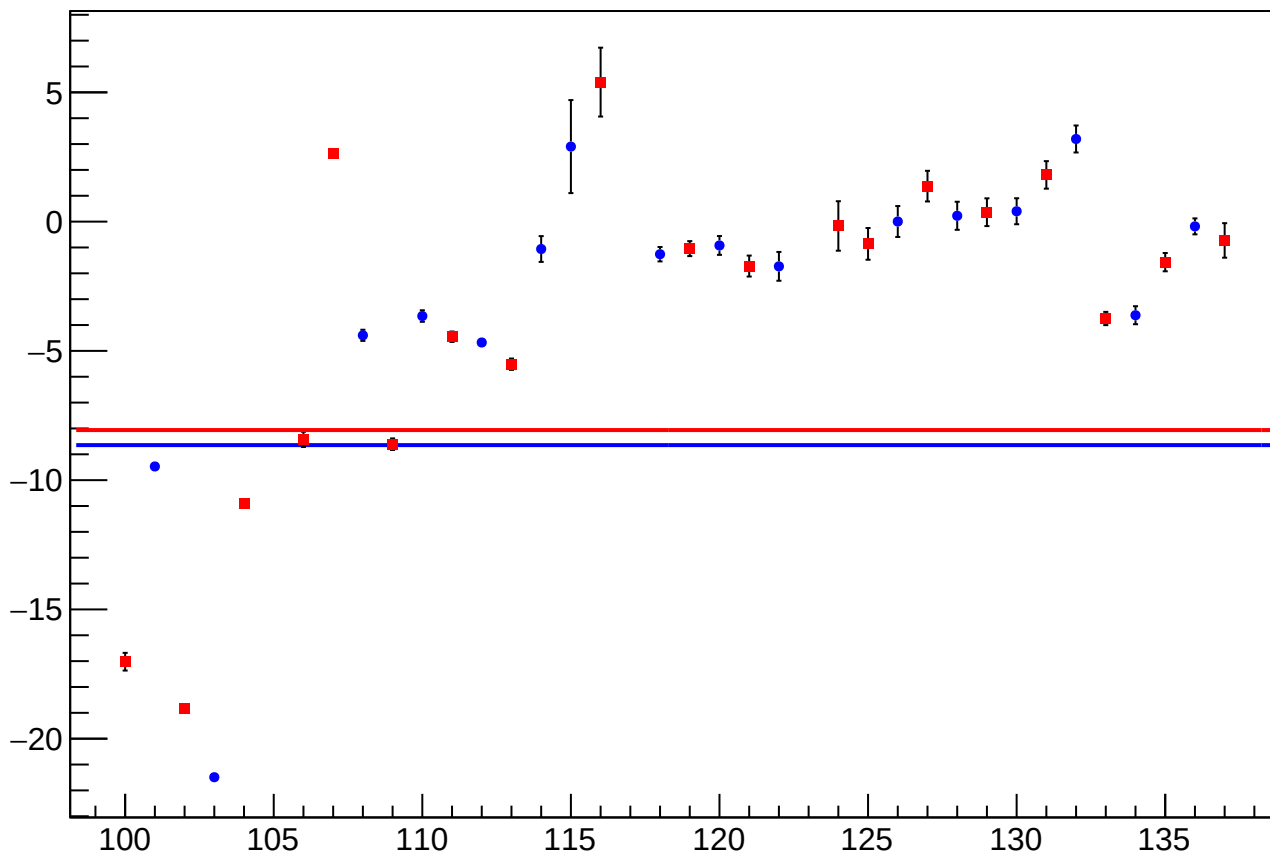
Right: -1.033 ± 0.037 χ^2/NDF : 2036.2/34

In: -1.270 ± 0.055 χ^2/NDF : 616.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.033 ± 0.037 χ^2/NDF : 2036.2/34

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.645 ± 0.057 χ^2/NDF : 13827.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.063 ± 0.058 χ^2/NDF : 14427.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

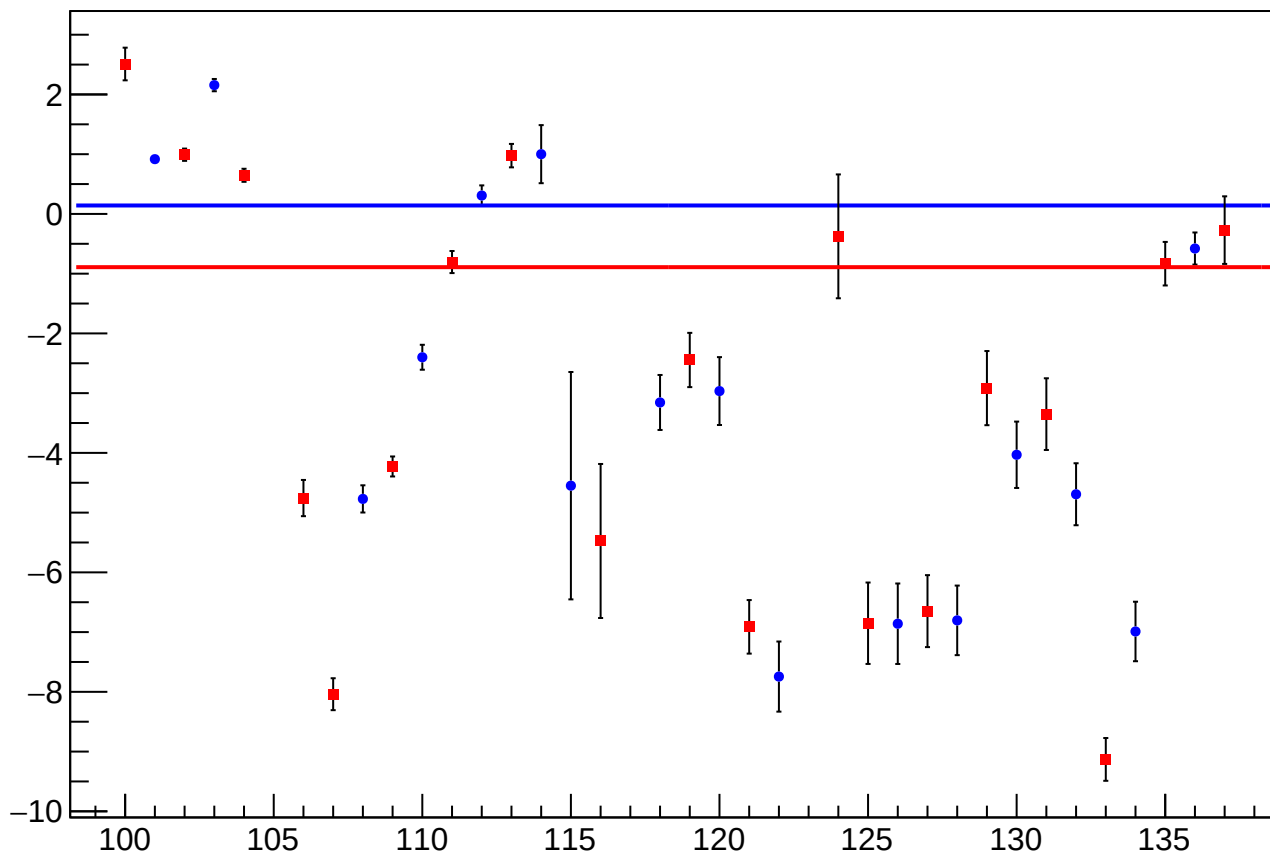
Right: -8.357 ± 0.040 χ^2/NDF : 28307.3/34

In: -8.645 ± 0.057 χ^2/NDF : 13827.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.357 ± 0.040 χ^2/NDF : 28307.3/34

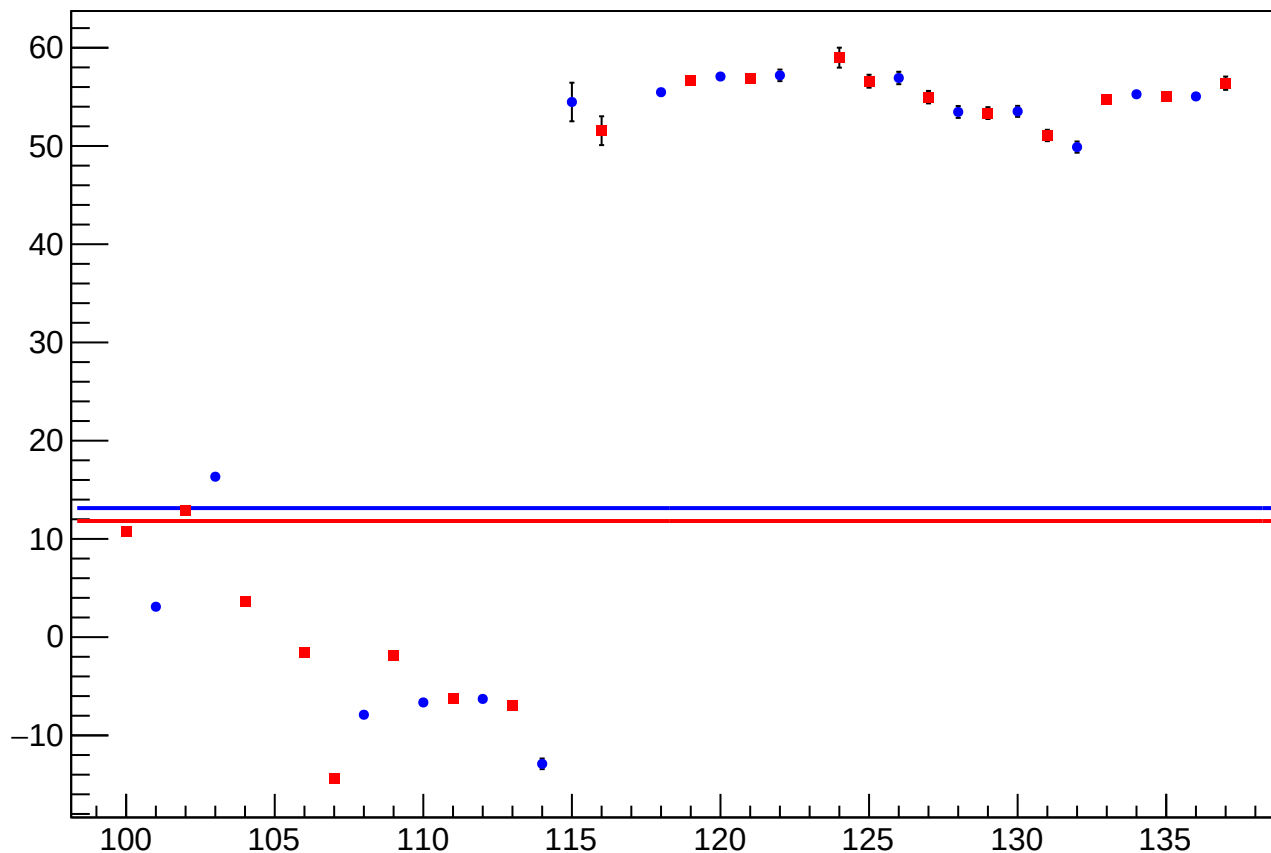
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.141 $\pm$ 0.053 χ^2 /NDF: 1959.8/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.891 $\pm$ 0.054 χ^2 /NDF: 2985.7/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: -0.368 $\pm$ 0.038 χ^2 /NDF: 5133.2/34
 In: 0.141 $\pm$ 0.053 χ^2 /NDF:1959.8/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -0.368 $\pm$ 0.038 χ^2 /NDF: 5133.2/34

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.136+/-0.068 χ^2/NDF : 108574.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.822+/-0.068 χ^2/NDF : 118168.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

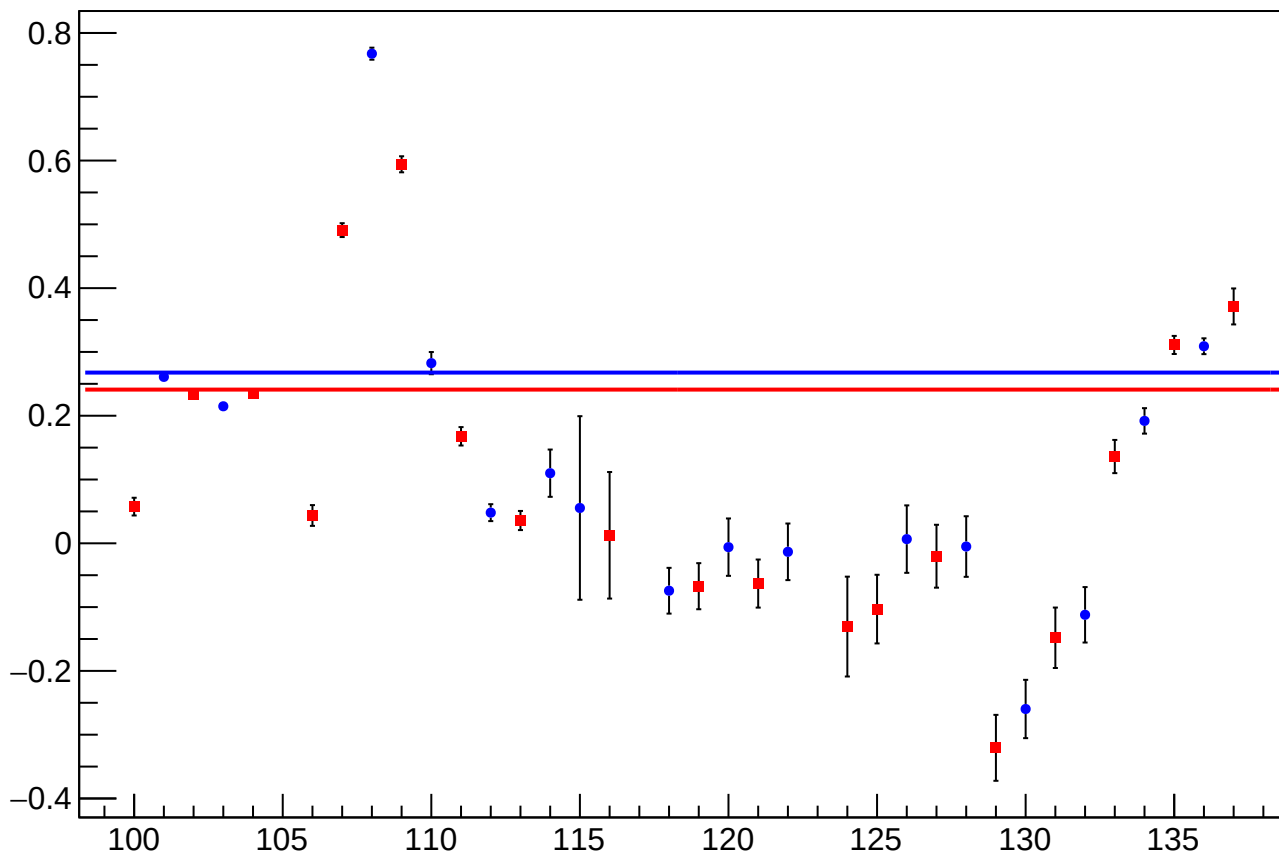
Right: 12.478+/-0.048 χ^2/NDF : 226930.1/34

In: 13.136+/-0.068 χ^2/NDF : 108574.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.478+/-0.048 χ^2/NDF : 226930.1/34

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.268+/-0.003 χ^2/NDF : 3720.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.241+/-0.003 χ^2/NDF : 2339.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

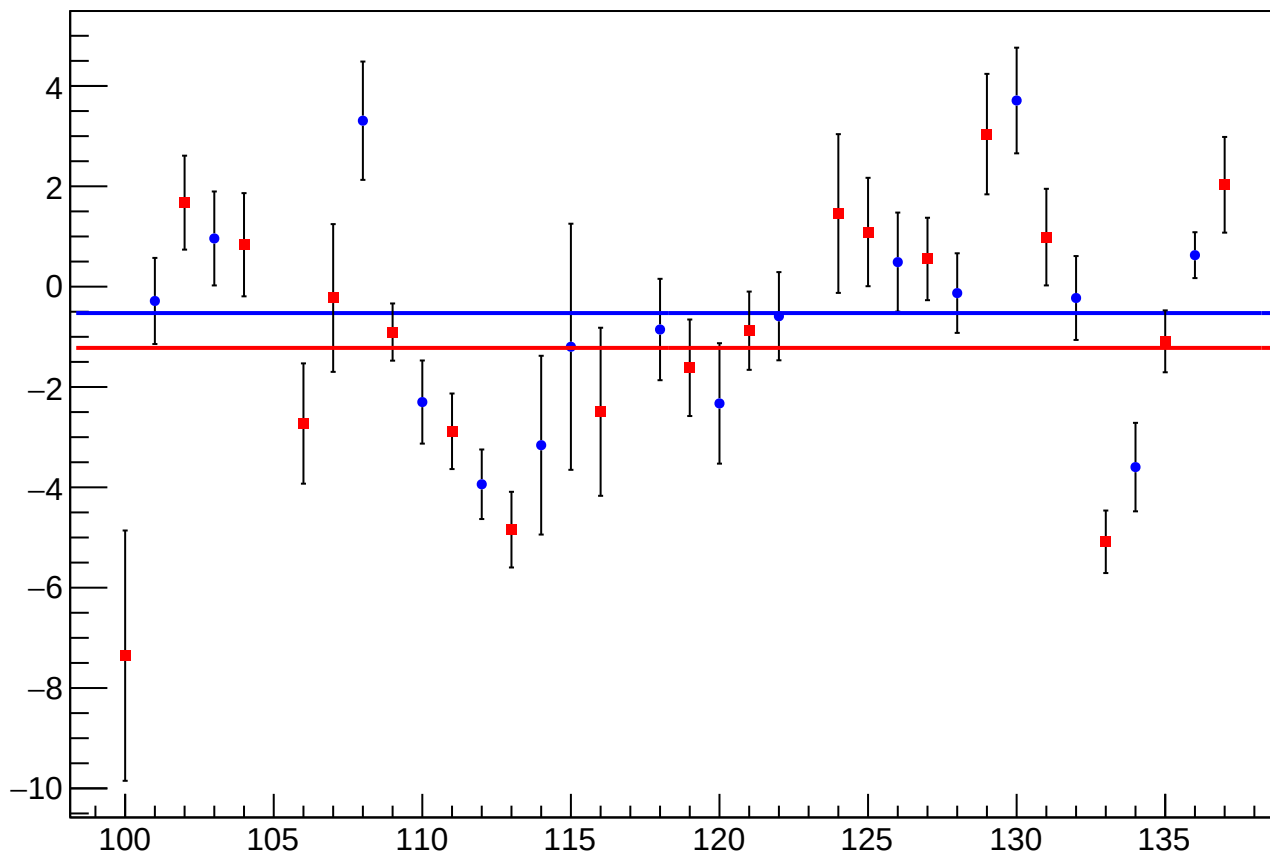
Right: 0.254+/-0.002 χ^2/NDF : 6105.9/34

In: 0.268+/-0.003 χ^2/NDF :3720.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.254+/-0.002 χ^2/NDF : 6105.9/34

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.527 $\pm$ 0.217 χ^2/NDF : 82.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -1.221 $\pm$ 0.205 χ^2/NDF : 130.9/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

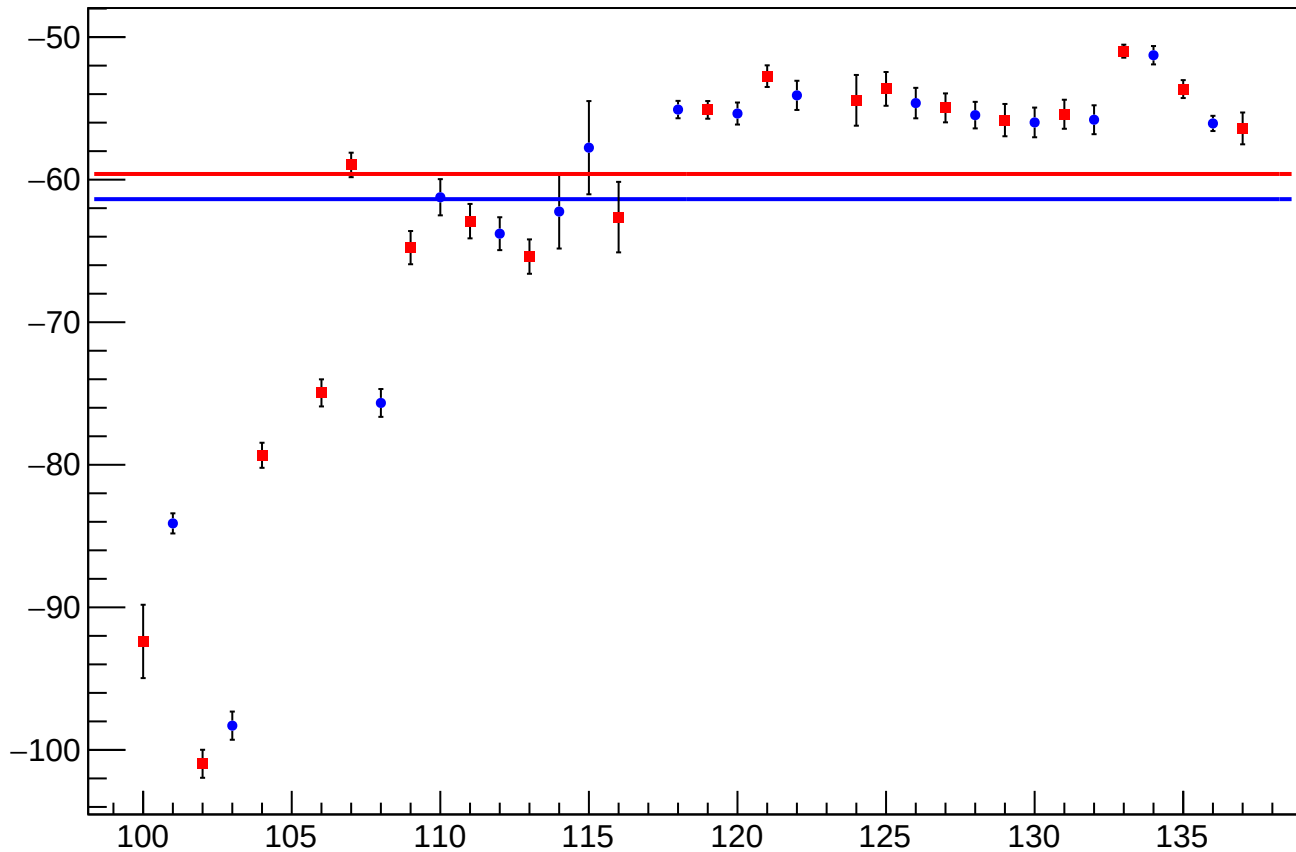
Right: -0.894 $\pm$ 0.149 χ^2/NDF : 219.1/34

In: -0.527 $\pm$ 0.217 χ^2/NDF : 82.7/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.894 $\pm$ 0.149 χ^2/NDF : 219.1/34

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -61.367 ± 0.219 χ^2/NDF : 3351.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.601 ± 0.207 χ^2/NDF : 3421.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

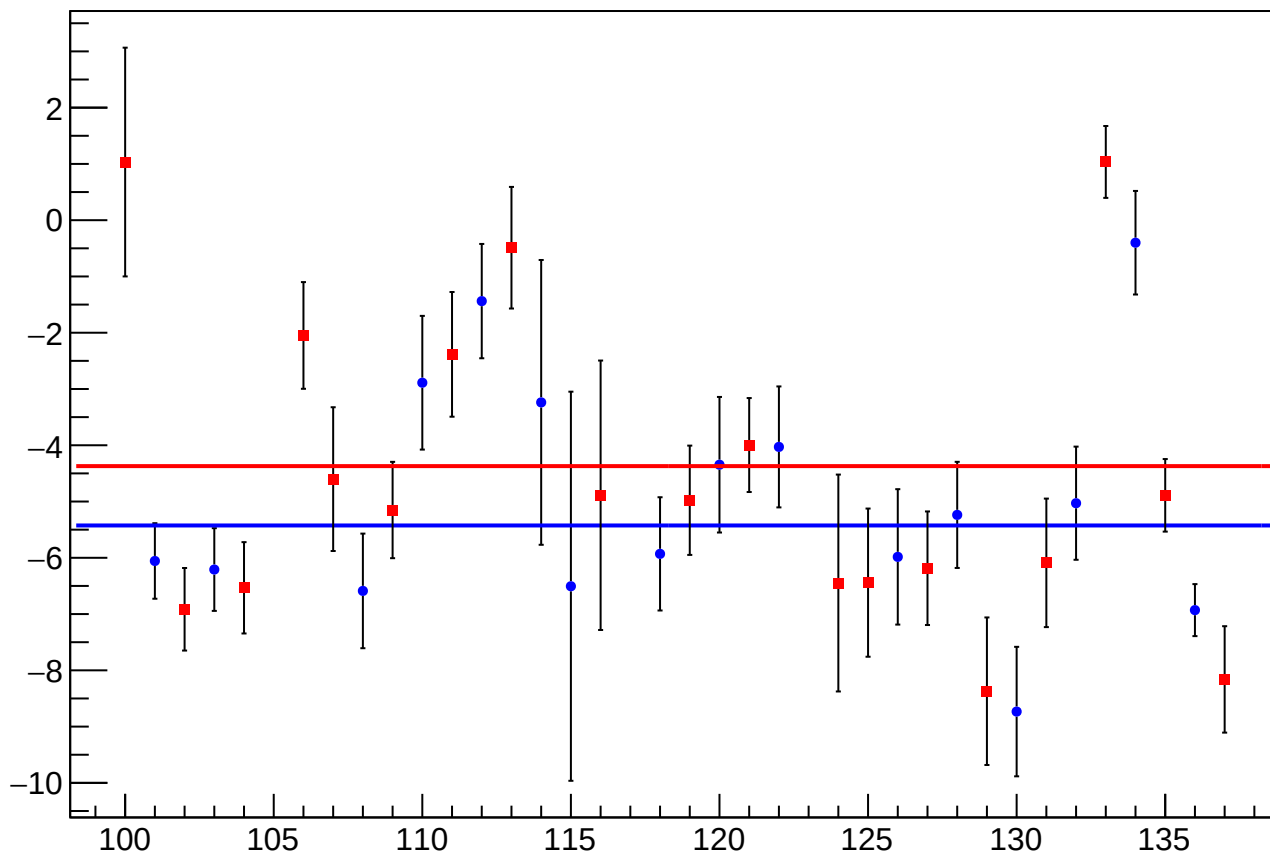
Right: -60.433 ± 0.150 χ^2/NDF : 6806.9/34

In: -61.367 ± 0.219 χ^2/NDF : 3351.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.433 ± 0.150 χ^2/NDF : 6806.9/34

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.425 ± 0.230 $\chi^2/\text{NDF}: 76.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.371 ± 0.223 $\chi^2/\text{NDF}: 156.6/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

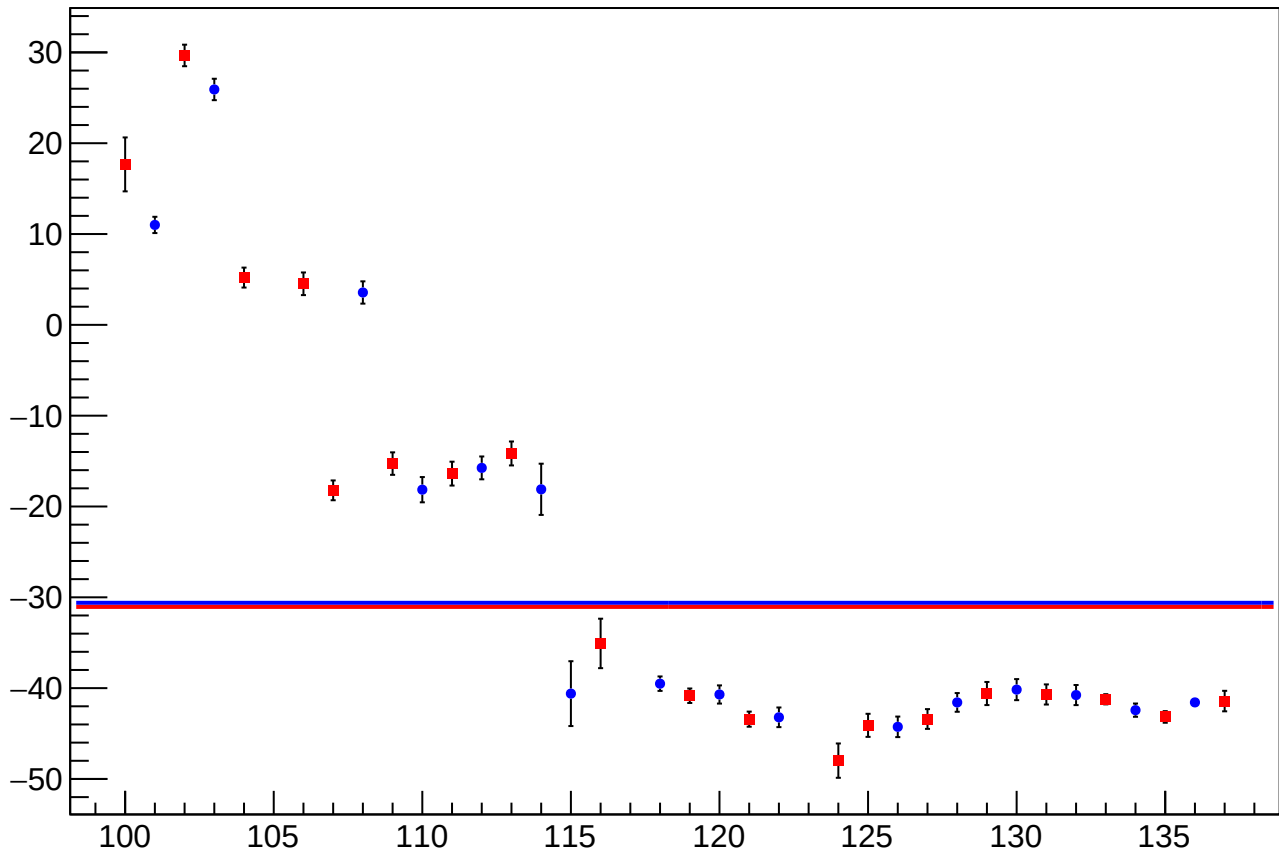
Right: -4.881 ± 0.160 $\chi^2/\text{NDF}: 243.4/34$

In: -5.425 ± 0.230 $\chi^2/\text{NDF}: 76.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.881 ± 0.160 $\chi^2/\text{NDF}: 243.4/34$

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.605 $\pm$ 0.249 χ^2 /NDF: 6938.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -31.056 $\pm$ 0.238 χ^2 /NDF: 6976.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

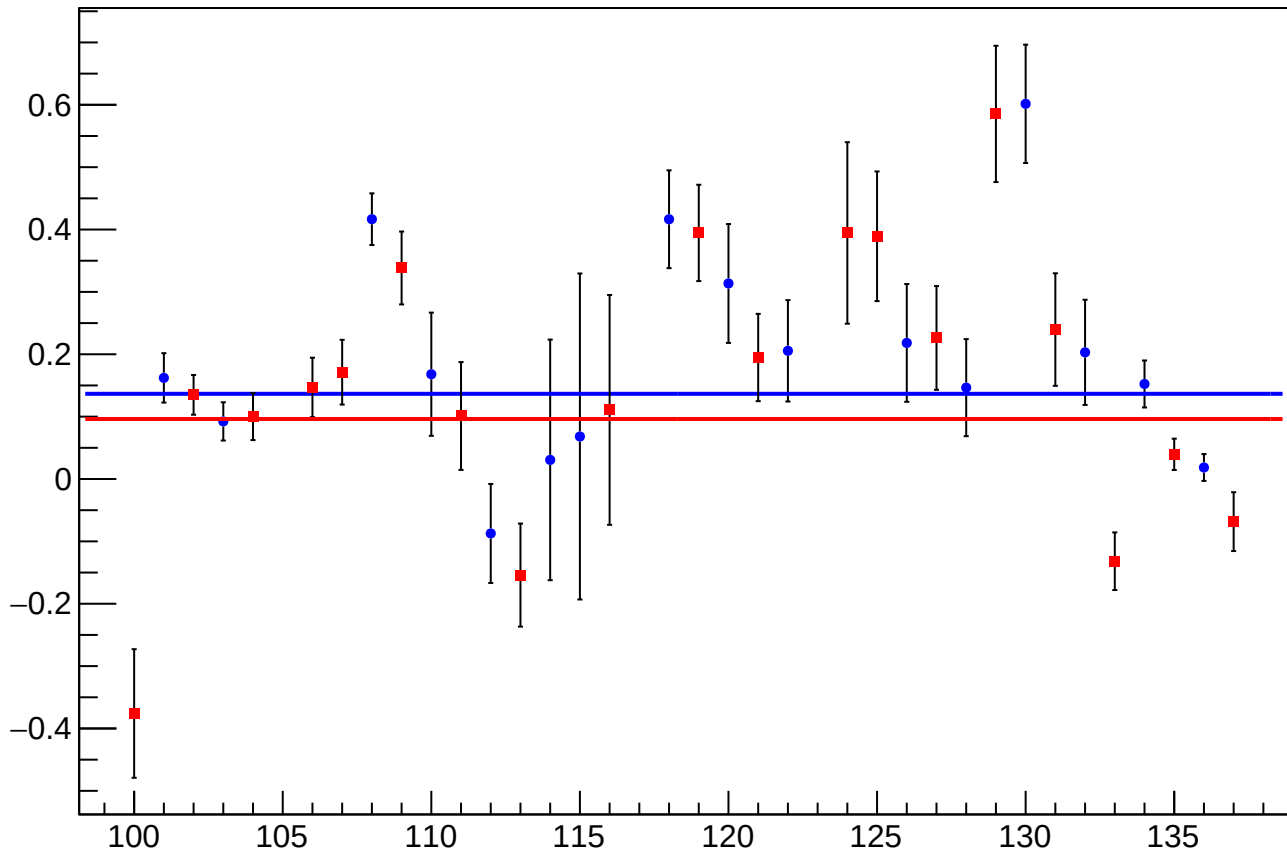
Right: -30.841 $\pm$ 0.172 χ^2 /NDF: 13916.2/34

In: -30.605 $\pm$ 0.249 χ^2 /NDF:6938.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -30.841 $\pm$ 0.172 χ^2 /NDF: 13916.2/34

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.137 ± 0.013 χ^2/NDF : 129.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.096 ± 0.012 χ^2/NDF : 147.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

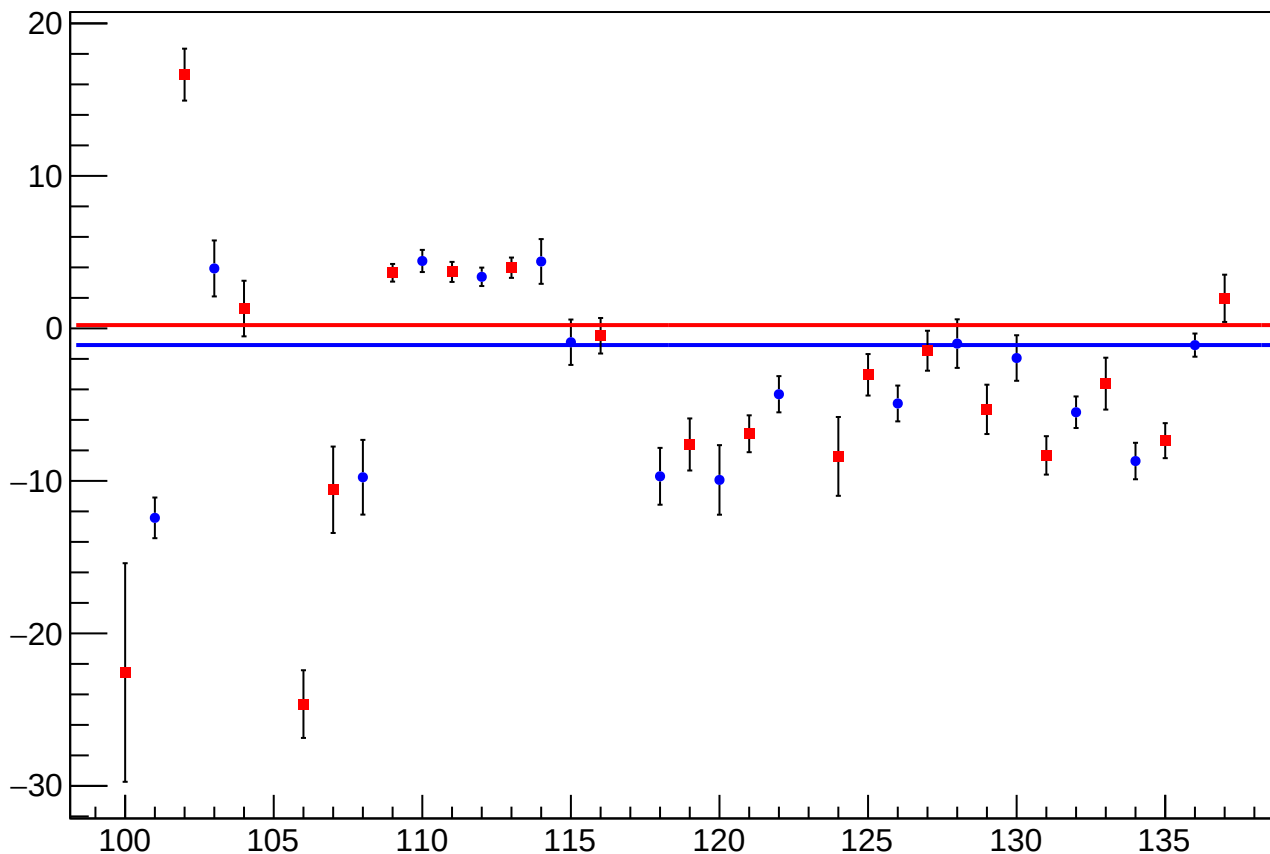
Right: 0.116 ± 0.009 χ^2/NDF : 282.3/34

In: 0.137 ± 0.013 χ^2/NDF : 129.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.116 ± 0.009 χ^2/NDF : 282.3/34

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.092 ± 0.281 χ^2/NDF : 332.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.216 ± 0.266 χ^2/NDF : 520.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

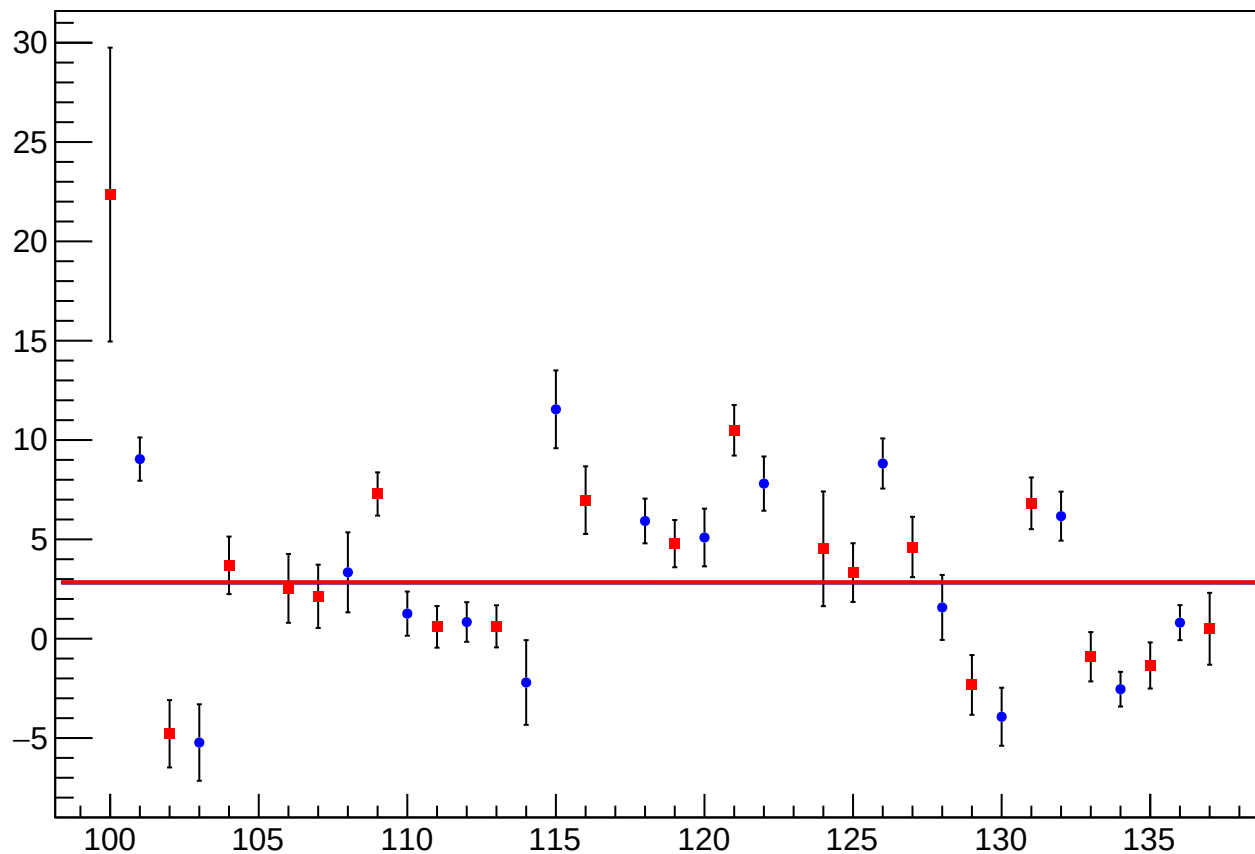
Right: -0.404 ± 0.193 χ^2/NDF : 864.2/34

In: -1.092 ± 0.281 χ^2/NDF : 332.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.404 ± 0.193 χ^2/NDF : 864.2/34

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.823+/-0.313 χ^2/NDF : 199.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.840+/-0.322 χ^2/NDF : 145.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

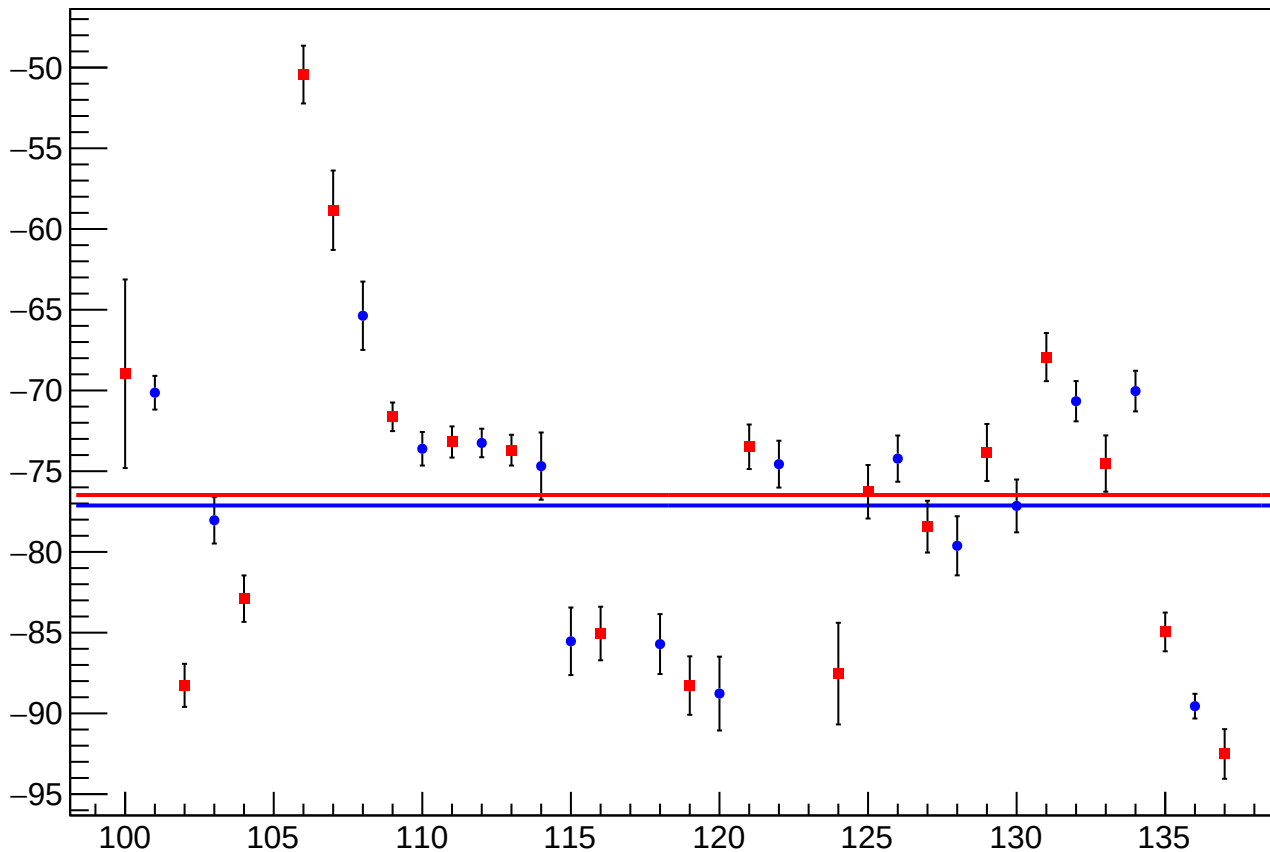
Right: 2.831+/-0.225 χ^2/NDF : 344.5/34

In: 2.823+/-0.313 χ^2/NDF : 199.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.831+/-0.225 χ^2/NDF : 344.5/34

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -77.123+/-0.326 χ^2/NDF : 503.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.475+/-0.328 χ^2/NDF : 695.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

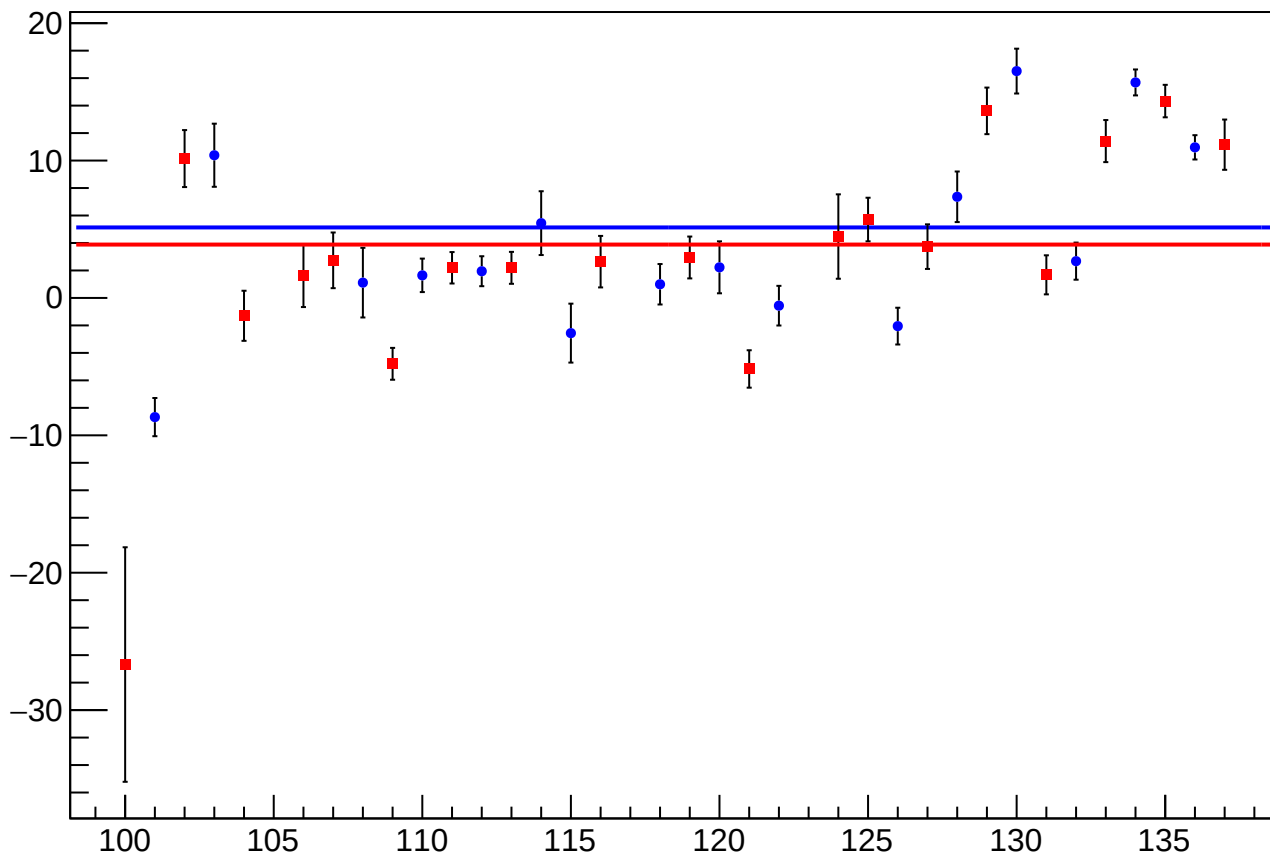
Right: -76.801+/-0.231 χ^2/NDF : 1201.1/34

In: -77.123+/-0.326 χ^2/NDF : 503.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.801+/-0.231 χ^2/NDF : 1201.1/34

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.132 ± 0.350 χ^2/NDF : 412.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.885 ± 0.361 χ^2/NDF : 291.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

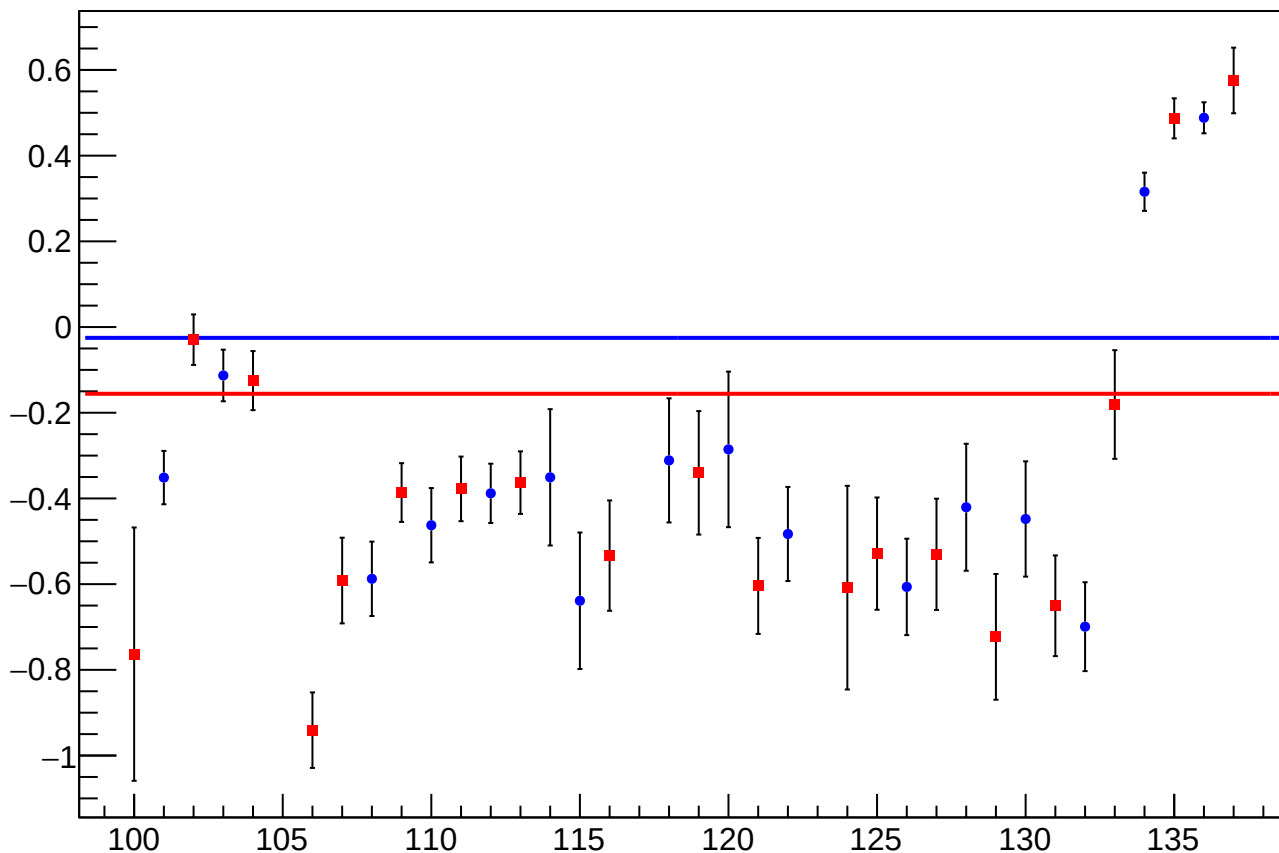
Right: 4.529 ± 0.251 χ^2/NDF : 710.0/34

In: 5.132 ± 0.350 χ^2/NDF : 412.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.529 ± 0.251 χ^2/NDF : 710.0/34

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.025 ± 0.019 χ^2/NDF : 512.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.156 ± 0.020 χ^2/NDF : 494.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

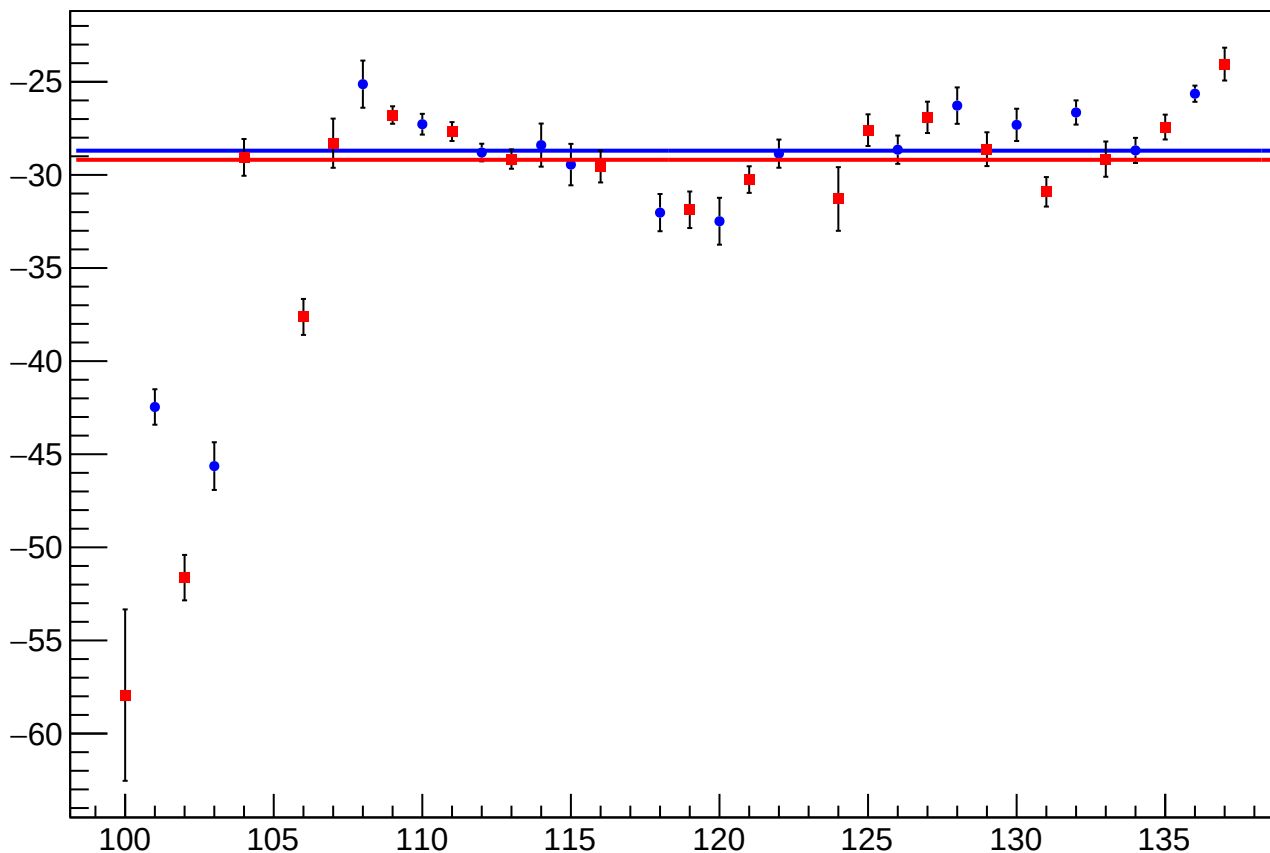
Right: -0.086 ± 0.014 χ^2/NDF : 1029.5/34

In: -0.025 ± 0.019 χ^2/NDF : 512.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.086 ± 0.014 χ^2/NDF : 1029.5/34

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.698 ± 0.186 χ^2/NDF : 487.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.189 ± 0.181 χ^2/NDF : 557.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

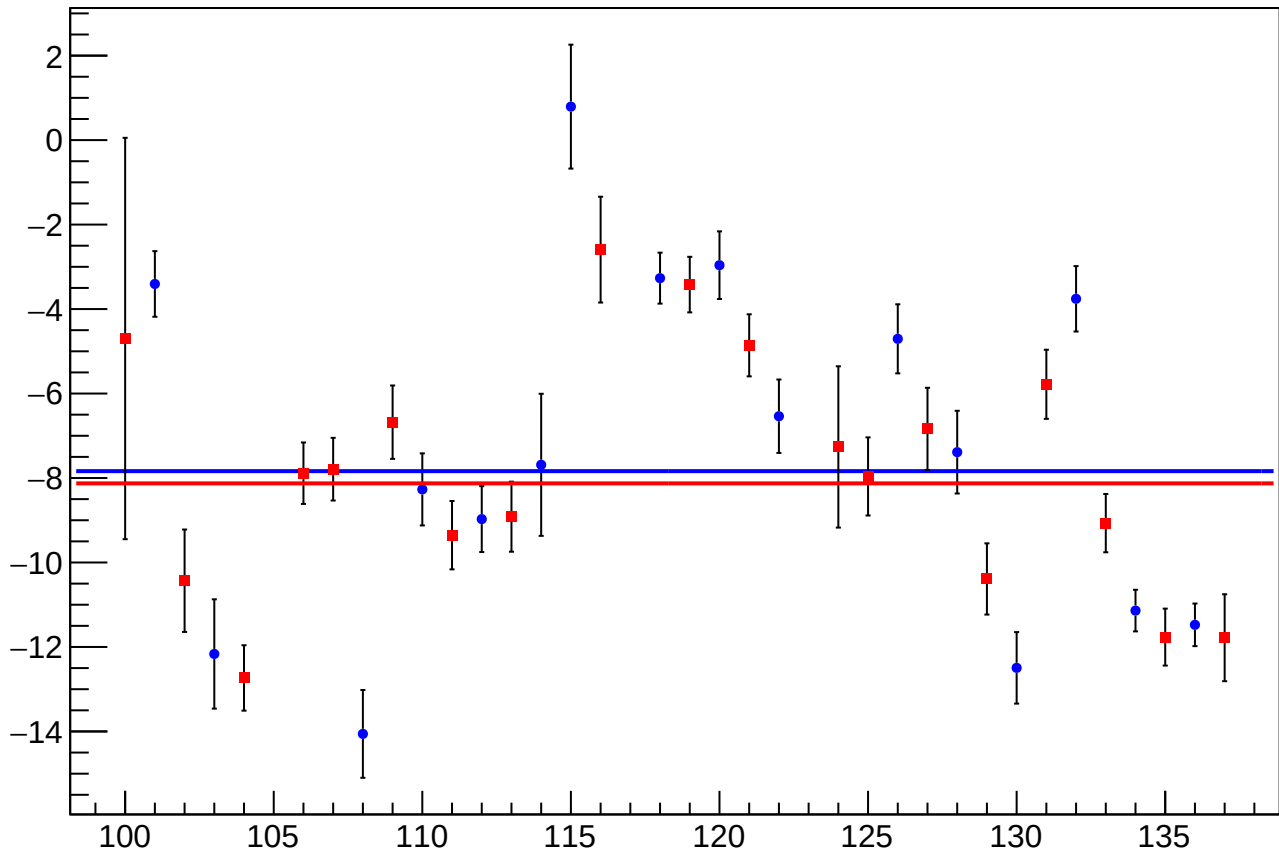
Right: -28.950 ± 0.130 χ^2/NDF : 1048.2/34

In: -28.698 ± 0.186 χ^2/NDF : 487.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.950 ± 0.130 χ^2/NDF : 1048.2/34

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.837 ± 0.195 χ^2/NDF : 383.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.127 ± 0.197 χ^2/NDF : 197.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

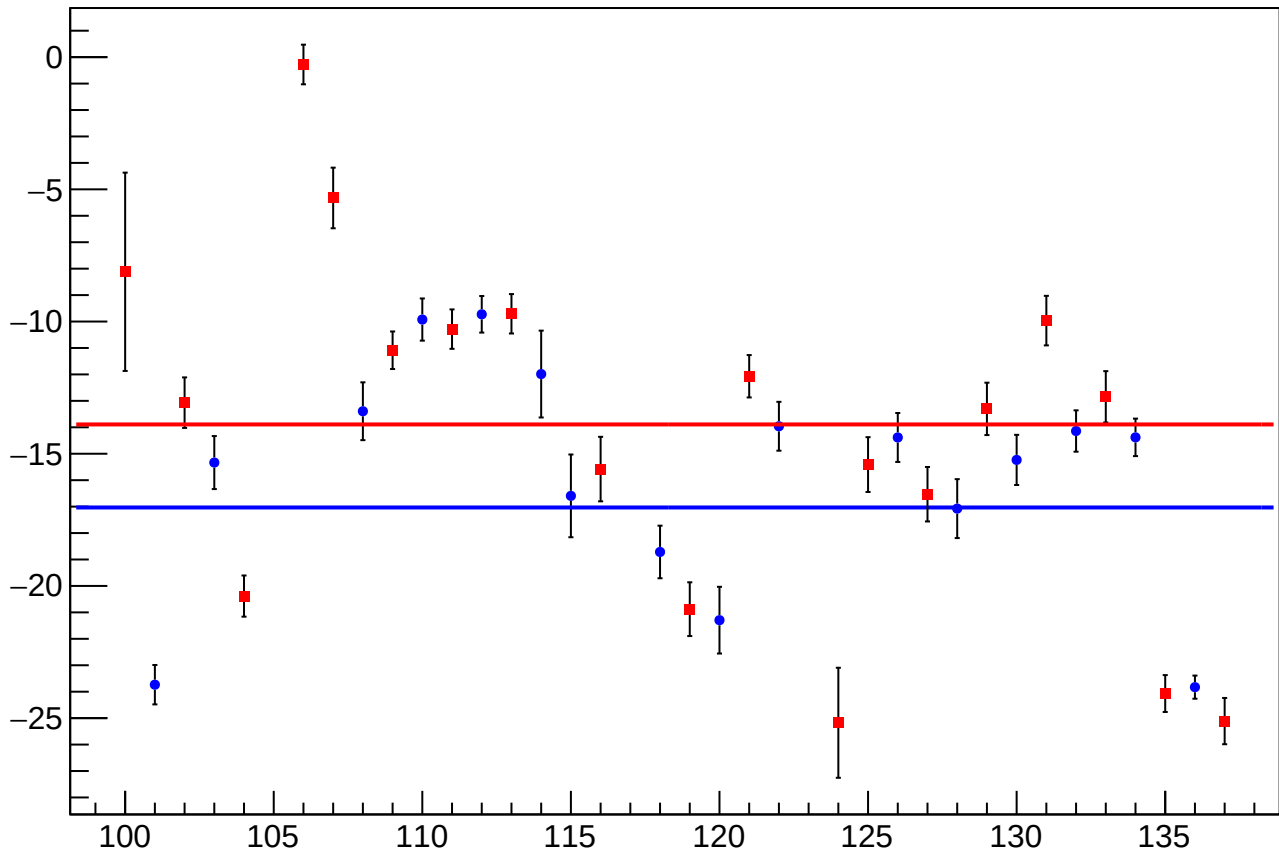
Right: -7.981 ± 0.138 χ^2/NDF : 581.6/34

In: -7.837 ± 0.195 χ^2/NDF : 383.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.981 ± 0.138 χ^2/NDF : 581.6/34

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -17.033 ± 0.209 χ^2/NDF : 601.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.892 ± 0.209 χ^2/NDF : 1017.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

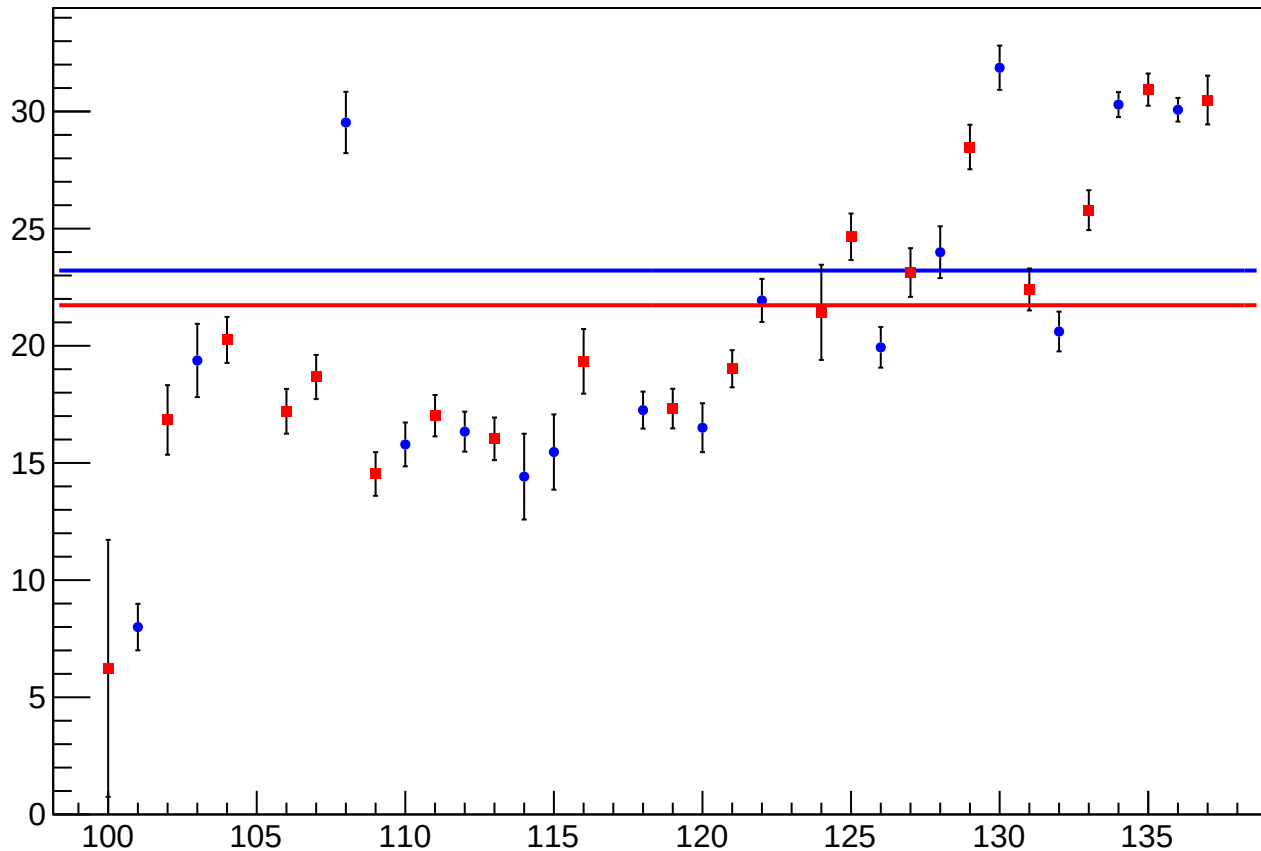
Right: -15.462 ± 0.148 χ^2/NDF : 1731.1/34

In: -17.033 ± 0.209 χ^2/NDF : 601.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.462 ± 0.148 χ^2/NDF : 1731.1/34

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 23.211+/-0.218 χ^2/NDF : 1008.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.731+/-0.224 χ^2/NDF : 558.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

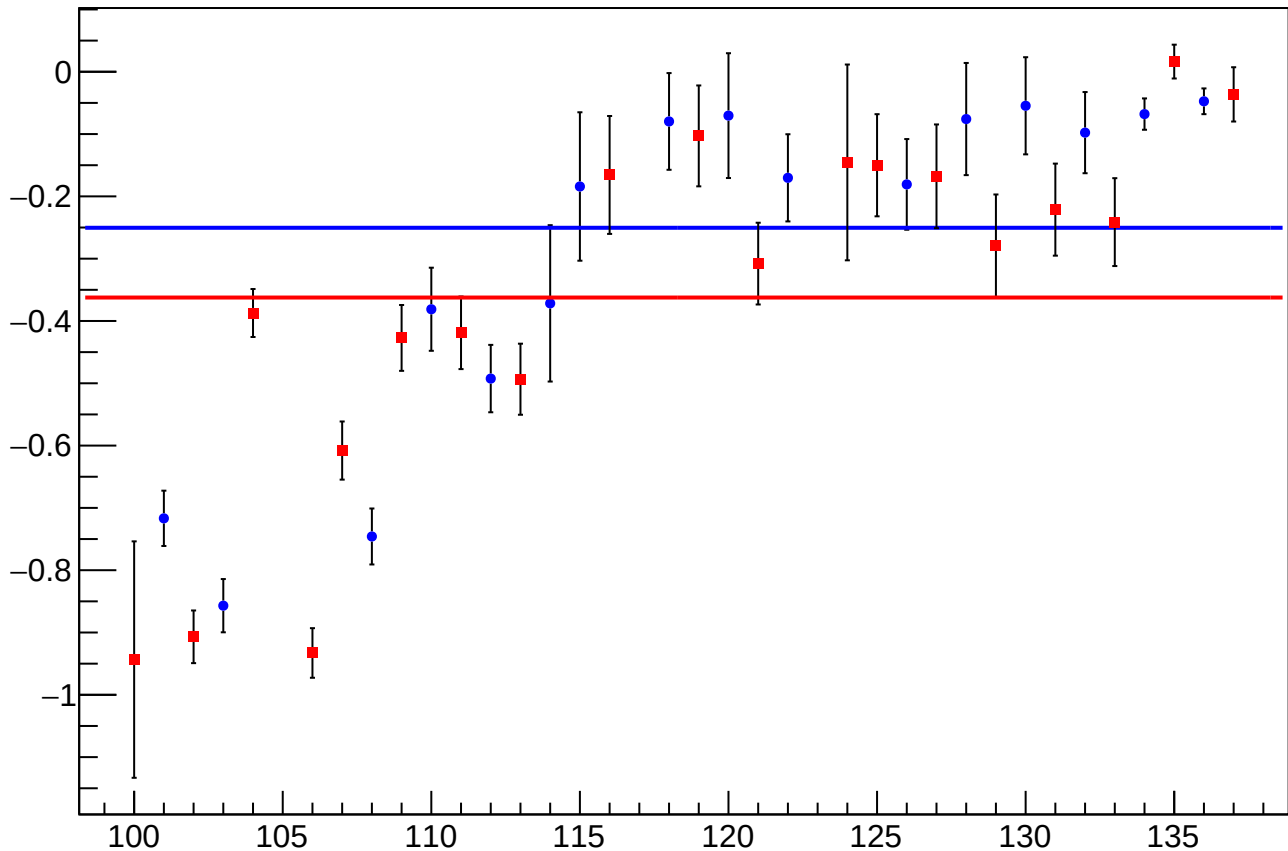
Right: 22.492+/-0.156 χ^2/NDF : 1588.8/34

In: 23.211+/-0.218 χ^2/NDF : 1008.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.492+/-0.156 χ^2/NDF : 1588.8/34

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.250+/-0.012 χ^2/NDF : 633.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.362+/-0.012 χ^2/NDF : 704.3/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

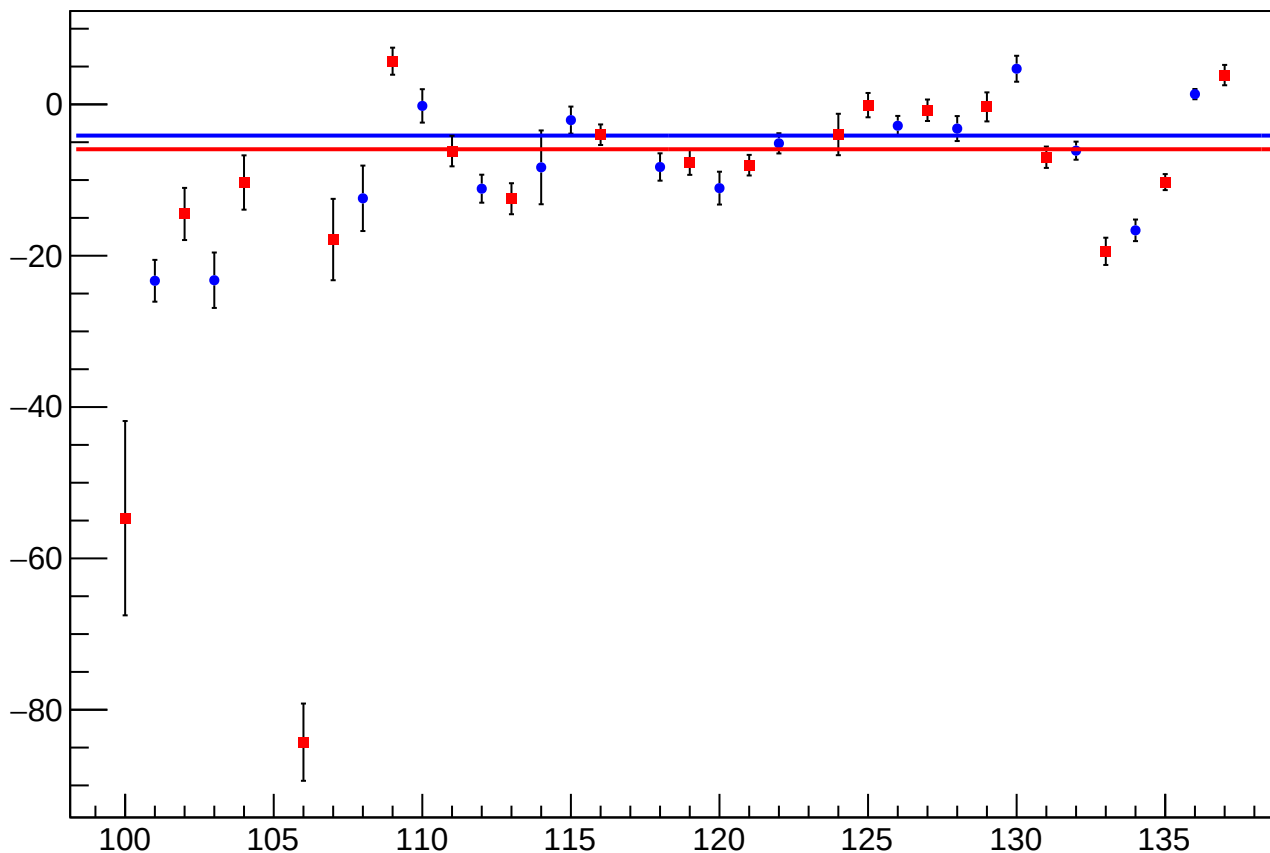
Right: -0.303+/-0.008 χ^2/NDF : 1381.3/34

In: -0.250+/-0.012 χ^2/NDF :633.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.303+/-0.008 χ^2/NDF : 1381.3/34

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.124+/-0.382 χ^2 /NDF: 287.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.930+/-0.408 χ^2 /NDF: 482.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

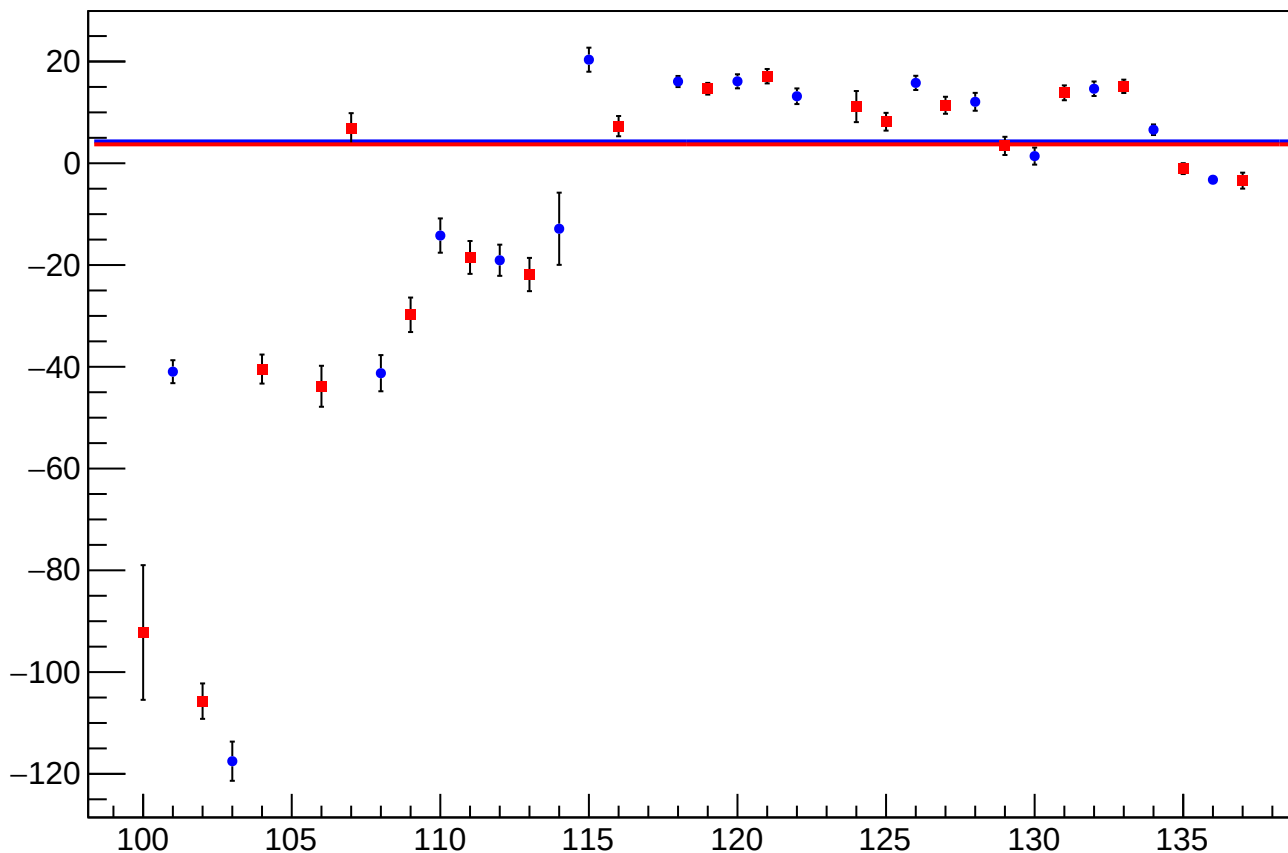
Right: -4.968+/-0.279 χ^2 /NDF: 781.0/34

In: -4.124+/-0.382 χ^2 /NDF:287.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.968+/-0.279 χ^2 /NDF: 781.0/34

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.292+/-0.385 χ^2/NDF : 2169.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 3.717+/-0.423 χ^2/NDF : 2007.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

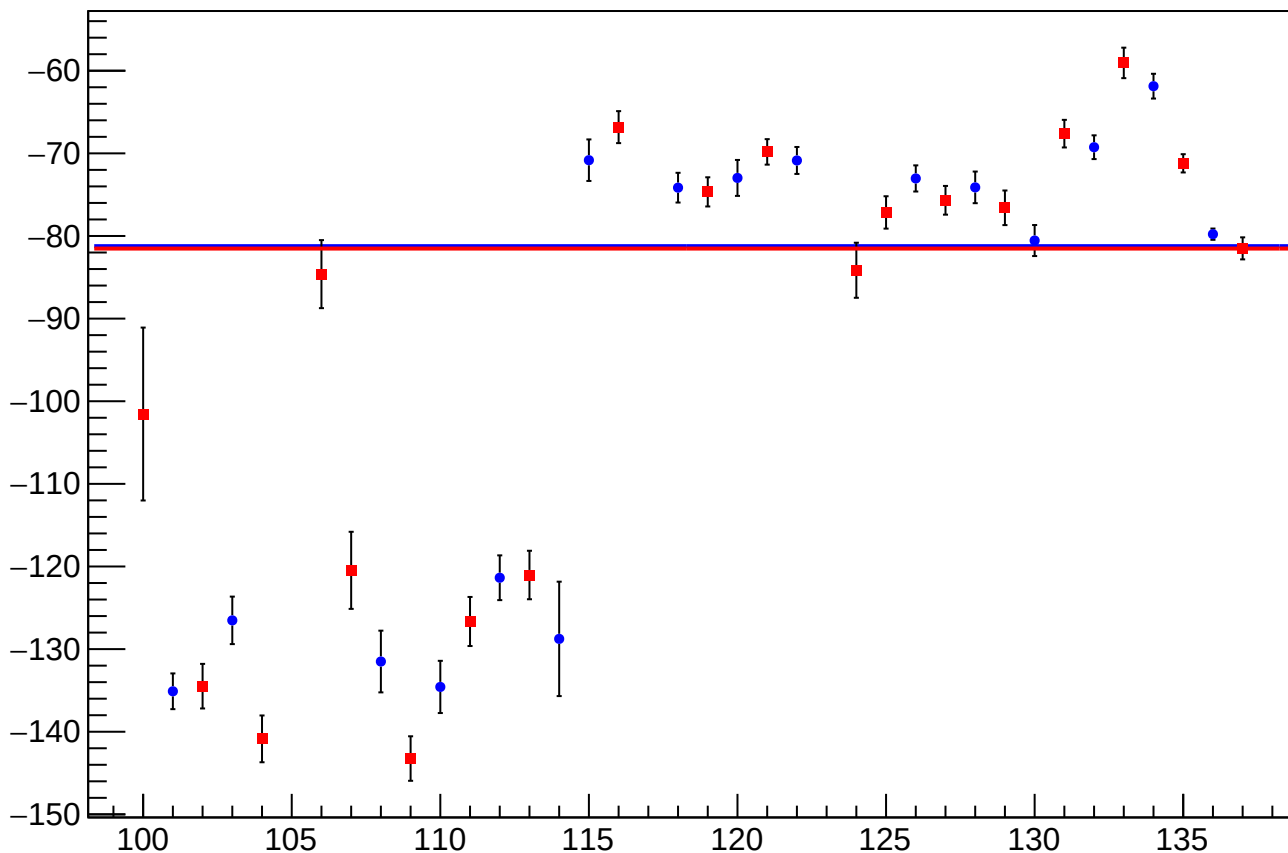
Right: 4.031+/-0.285 χ^2/NDF : 4177.4/34

In: 4.292+/-0.385 χ^2/NDF :2169.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.031+/-0.285 χ^2/NDF : 4177.4/34

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.231+/-0.417 χ^2/NDF : 1971.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -81.523+/-0.462 χ^2/NDF : 2293.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

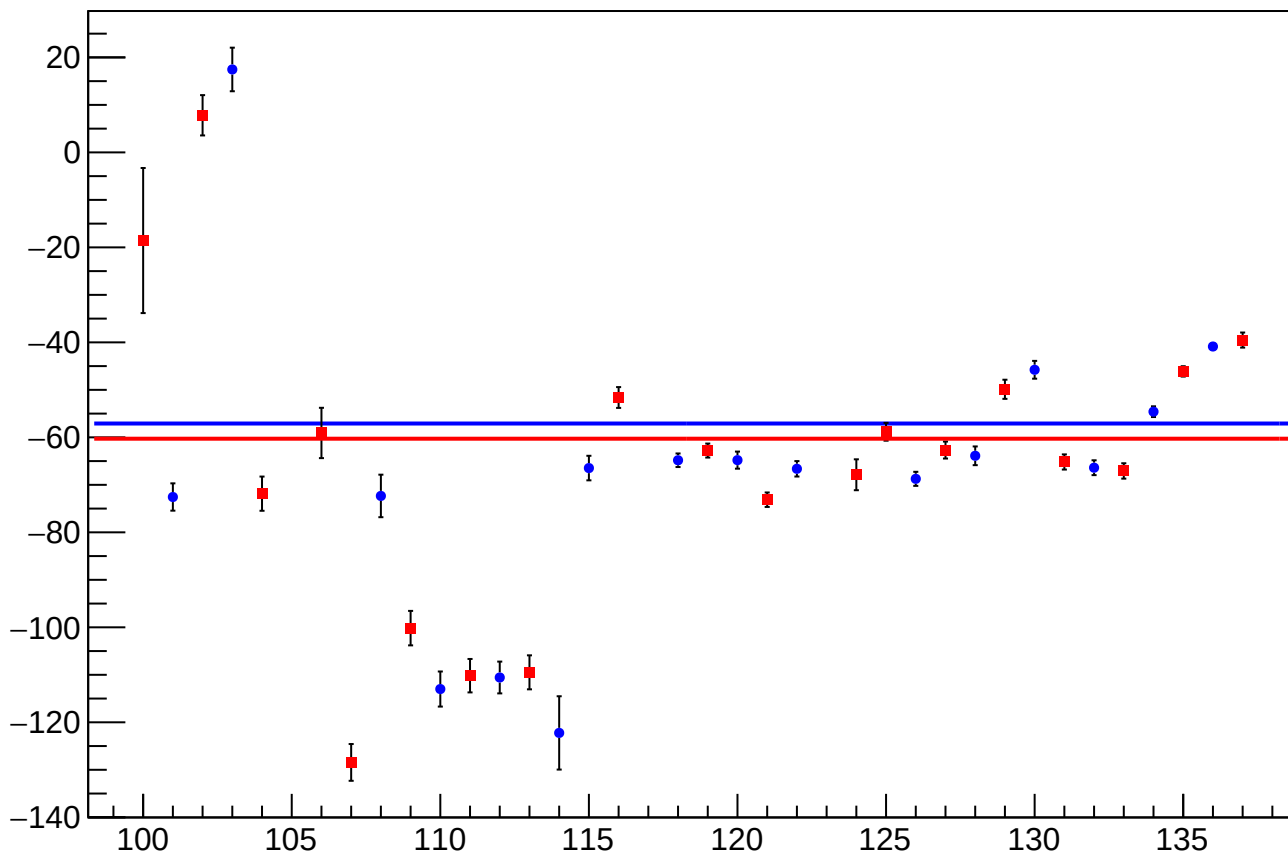
Right: -81.362+/-0.309 χ^2/NDF : 4264.5/34

In: -81.231+/-0.417 χ^2/NDF :1971.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -81.362+/-0.309 χ^2/NDF : 4264.5/34

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -57.089+/-0.426 χ^2/NDF : 1526.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -60.287+/-0.470 χ^2/NDF : 1587.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

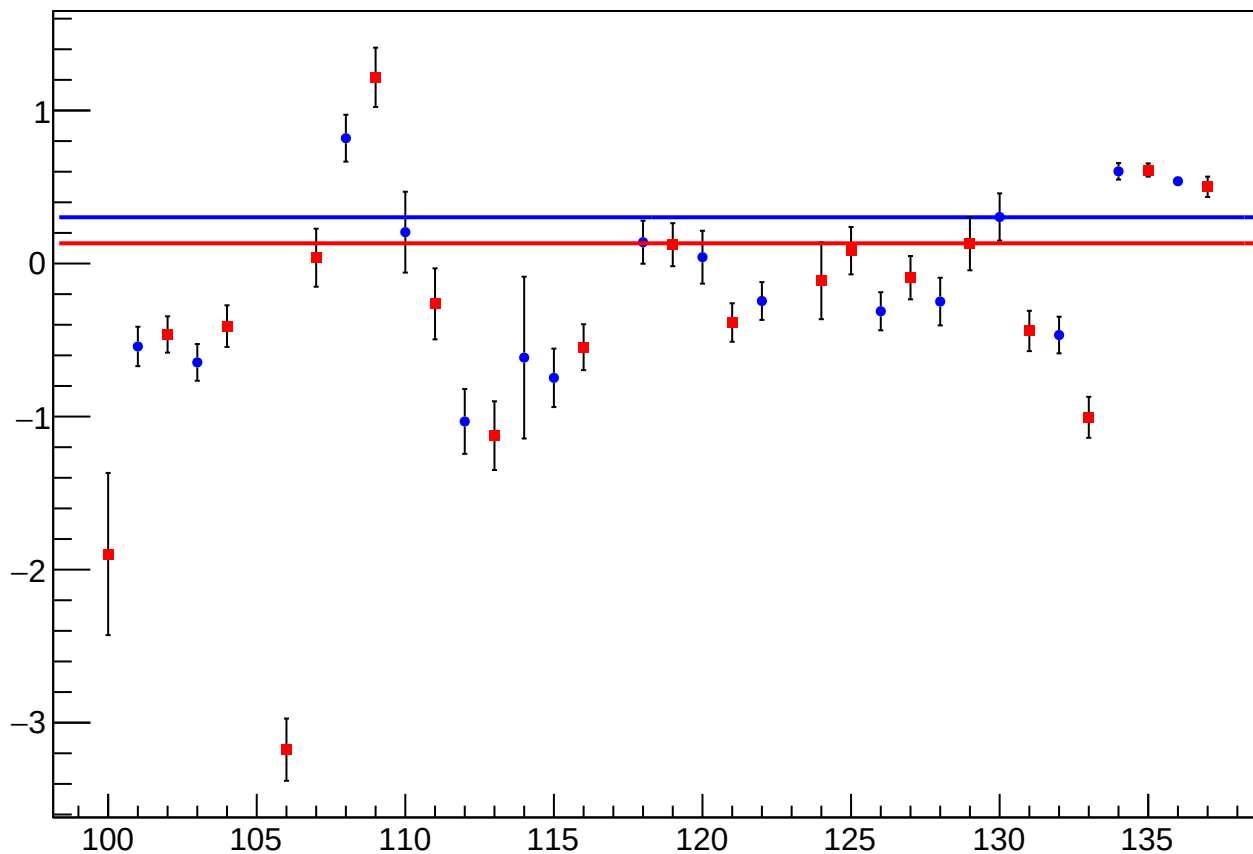
Right: -58.530+/-0.316 χ^2/NDF : 3140.1/34

In: -57.089+/-0.426 χ^2/NDF :1526.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.530+/-0.316 χ^2/NDF : 3140.1/34

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.302 $\pm$ 0.023 χ^2 /NDF: 374.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.132 $\pm$ 0.027 χ^2 /NDF: 672.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

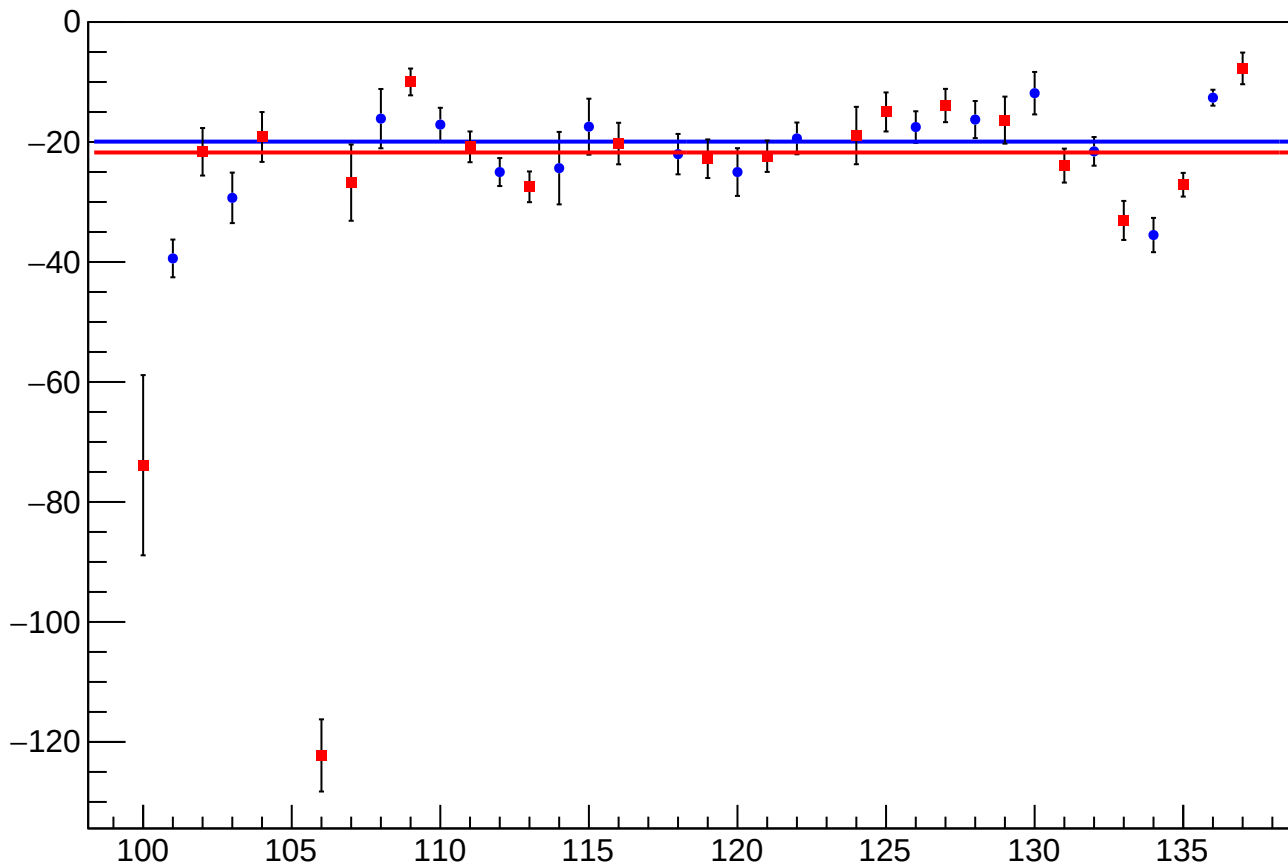
Right: 0.229 $\pm$ 0.017 χ^2 /NDF: 1070.8/34

In: 0.302 $\pm$ 0.023 χ^2 /NDF:374.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.229 $\pm$ 0.017 χ^2 /NDF: 1070.8/34

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -19.935 ± 0.695 χ^2/NDF : 120.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.746 ± 0.714 χ^2/NDF : 388.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

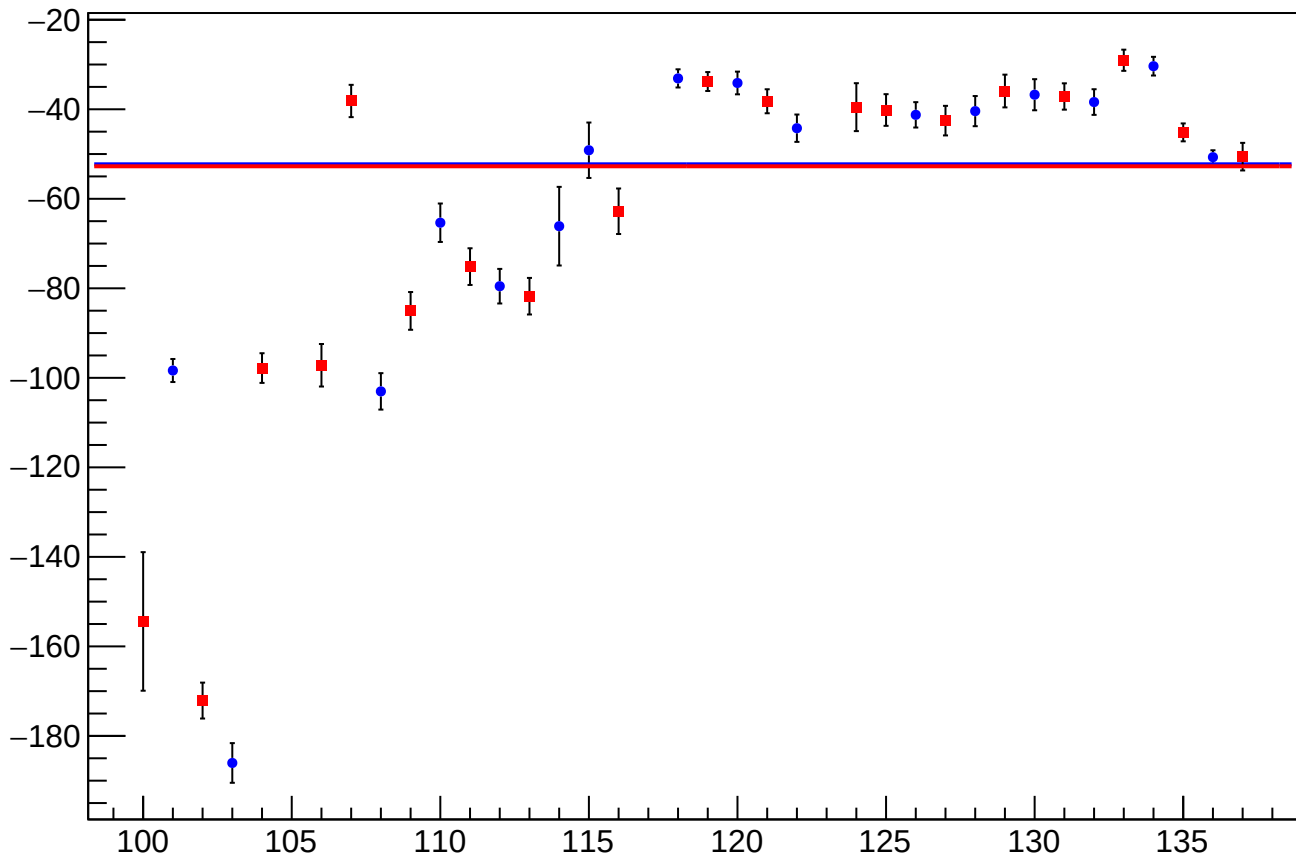
Right: -20.816 ± 0.498 χ^2/NDF : 512.2/34

In: -19.935 ± 0.695 χ^2/NDF : 120.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.816 ± 0.498 χ^2/NDF : 512.2/34

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -52.296+/-0.708 χ^2/NDF : 1778.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -52.737+/-0.748 χ^2/NDF : 1662.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

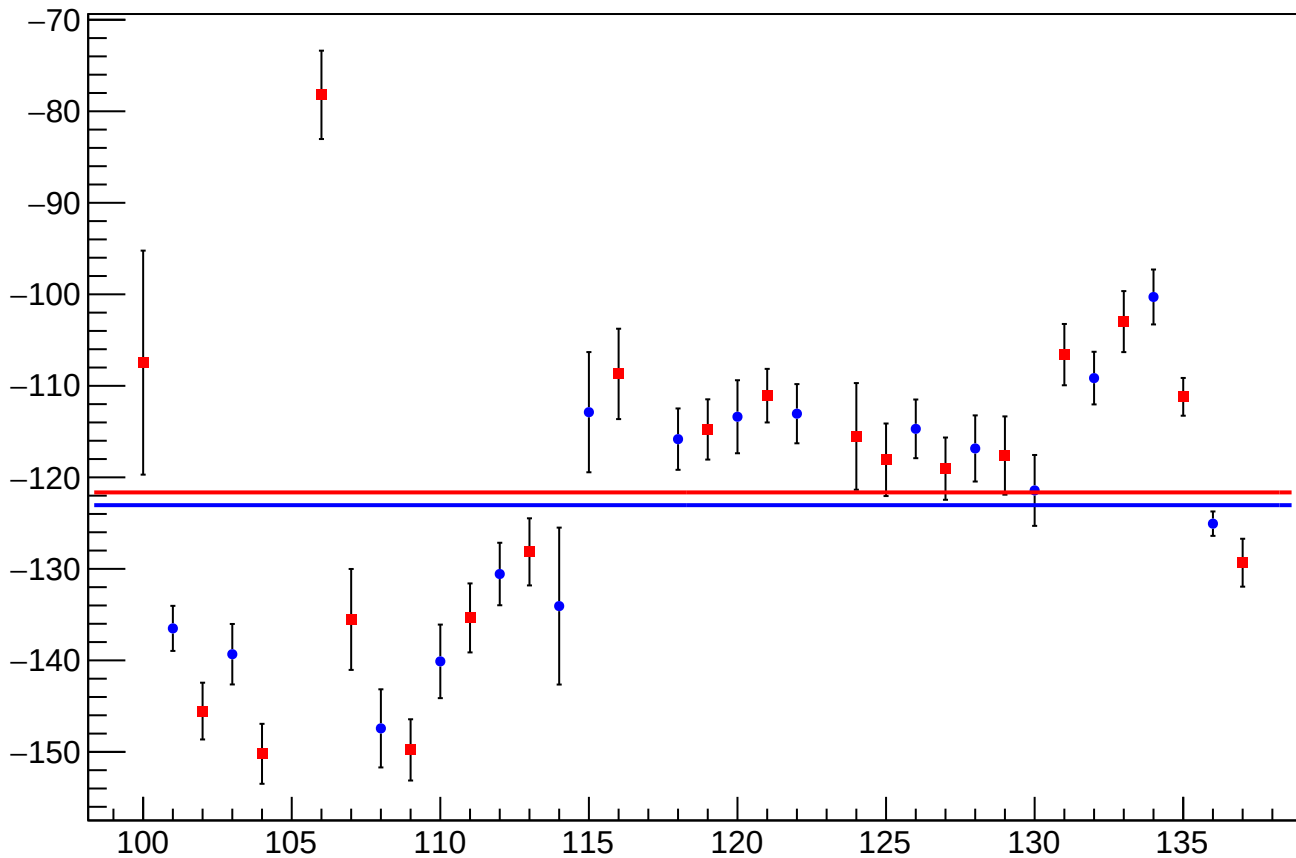
Right: -52.505+/-0.514 χ^2/NDF : 3440.9/34

In: -52.296+/-0.708 χ^2/NDF :1778.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -52.505+/-0.514 χ^2/NDF : 3440.9/34

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -123.039+/-0.750 χ^2 /NDF: 226.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -121.646+/-0.801 χ^2 /NDF: 424.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

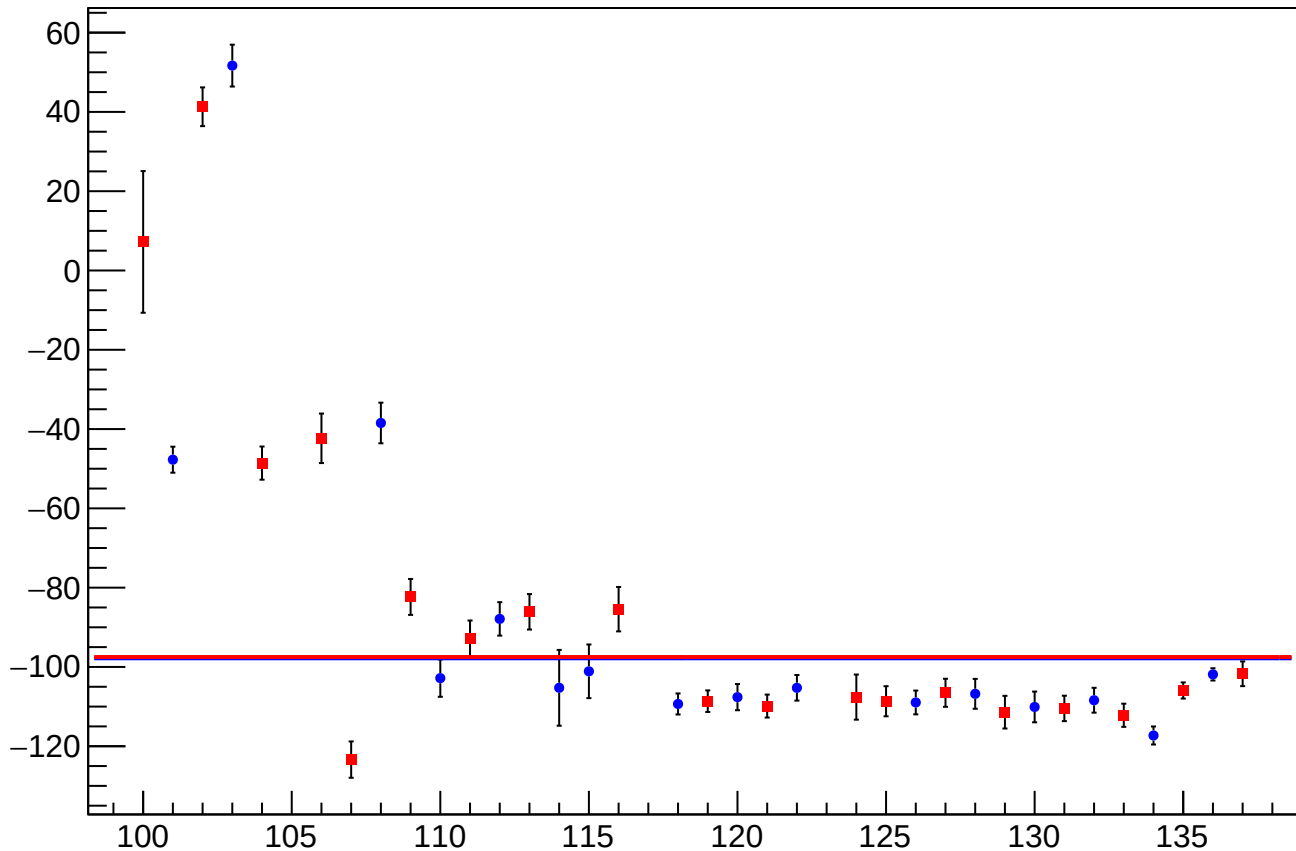
Right: -122.388+/-0.548 χ^2 /NDF: 652.9/34

In: -123.039+/-0.750 χ^2 /NDF:226.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -122.388+/-0.548 χ^2 /NDF: 652.9/34

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.814 $\pm$ 0.793 χ^2 /NDF: 1330.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -97.504 $\pm$ 0.843 χ^2 /NDF: 1236.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

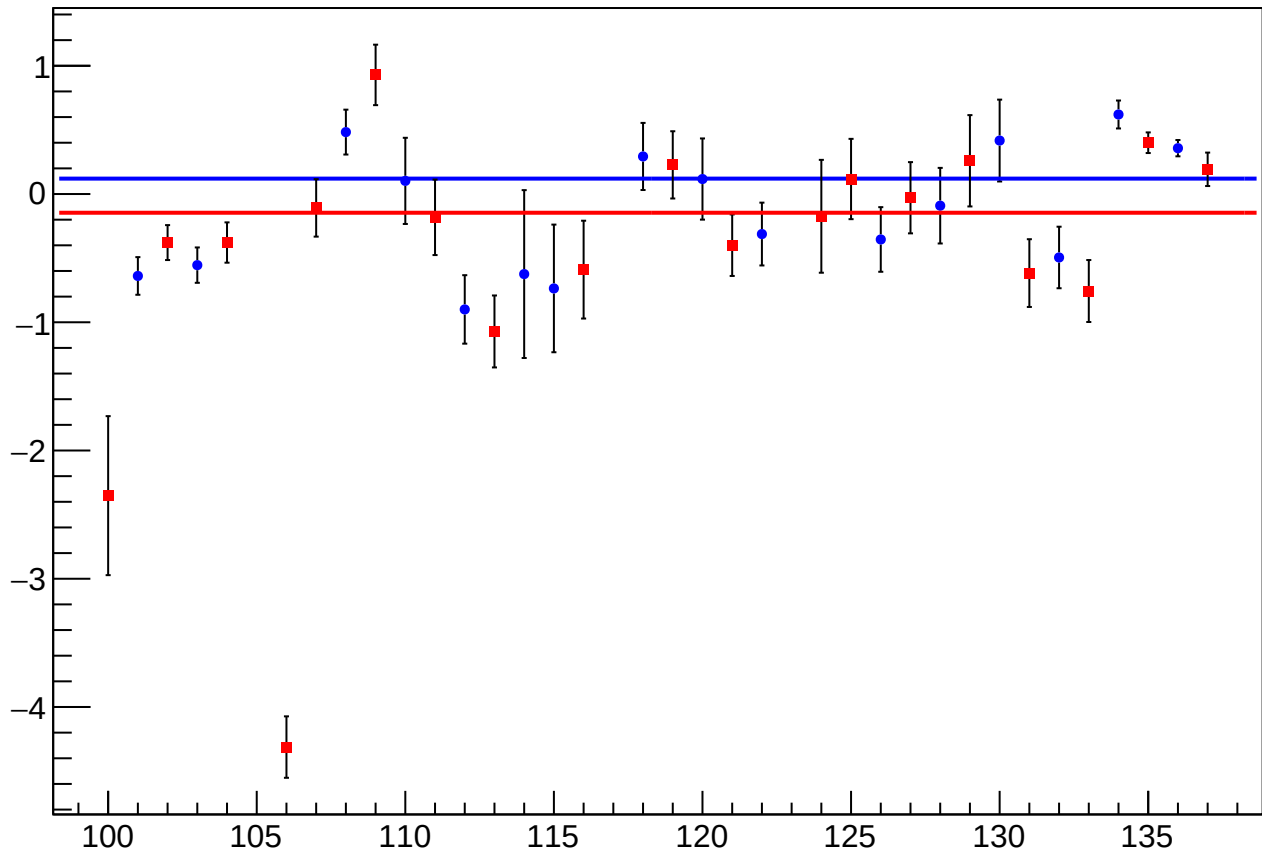
Right: -97.668 $\pm$ 0.578 χ^2 /NDF: 2567.3/34

In: -97.814 $\pm$ 0.793 χ^2 /NDF:1330.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -97.668 $\pm$ 0.578 χ^2 /NDF: 2567.3/34

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.120 ± 0.041 χ^2/NDF : 123.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.146 ± 0.045 χ^2/NDF : 421.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

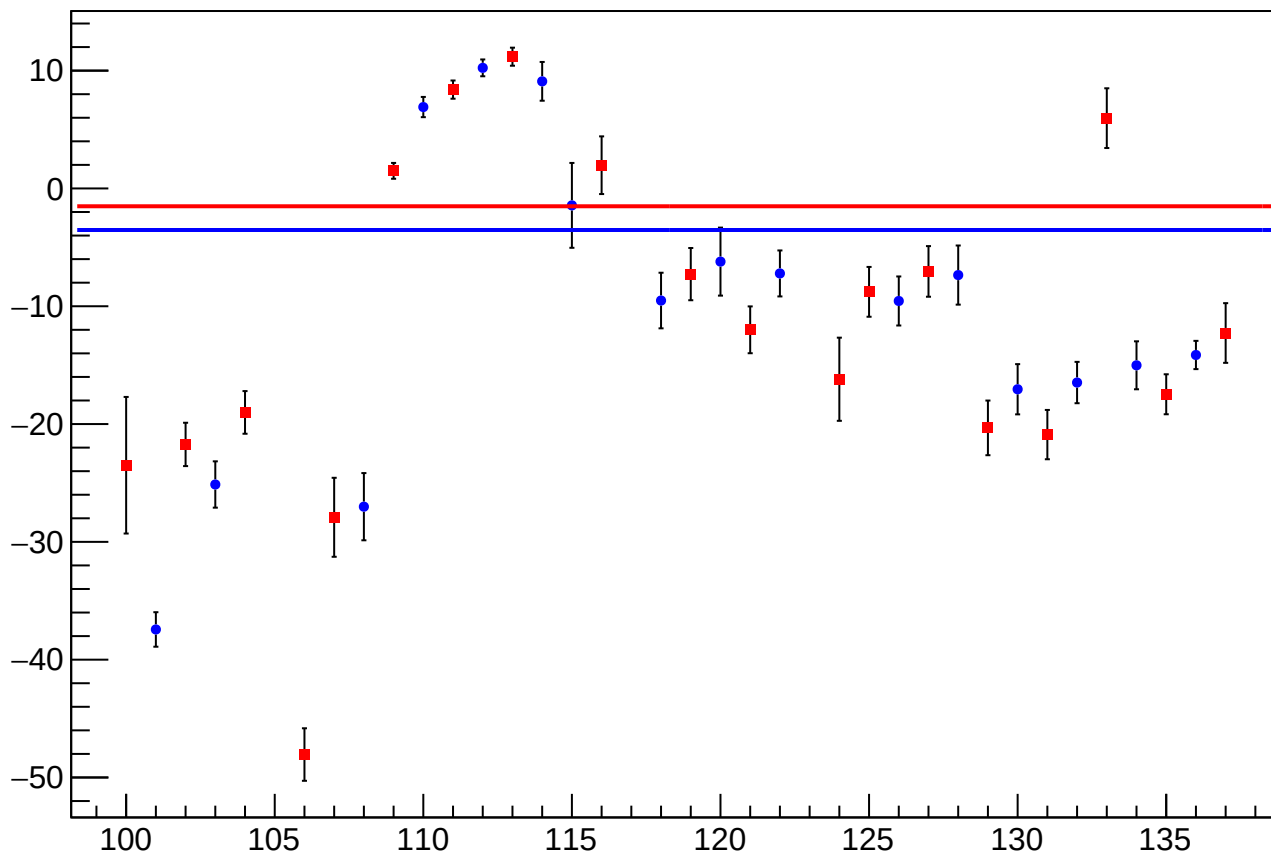
Right: -0.002 ± 0.030 χ^2/NDF : 563.9/34

In: 0.120 ± 0.041 χ^2/NDF : 123.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.030 χ^2/NDF : 563.9/34

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.527+/-0.377 χ^2 /NDF: 1529.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.513+/-0.338 χ^2 /NDF: 1524.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

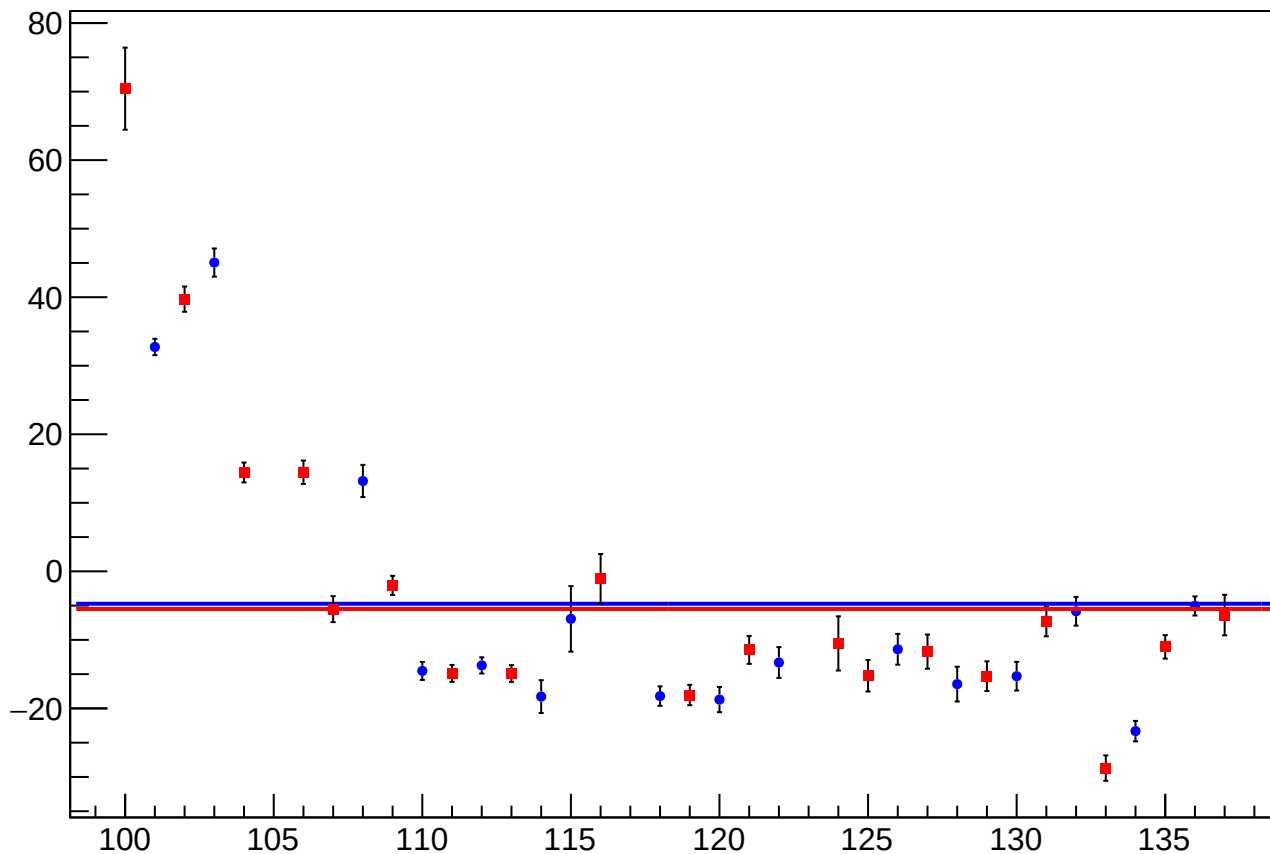
Right: -2.413+/-0.252 χ^2 /NDF: 3069.7/34

In: -3.527+/-0.377 χ^2 /NDF:1529.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.413+/-0.252 χ^2 /NDF: 3069.7/34

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.729+/-0.431 χ^2/NDF : 2148.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.491+/-0.422 χ^2/NDF : 1508.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

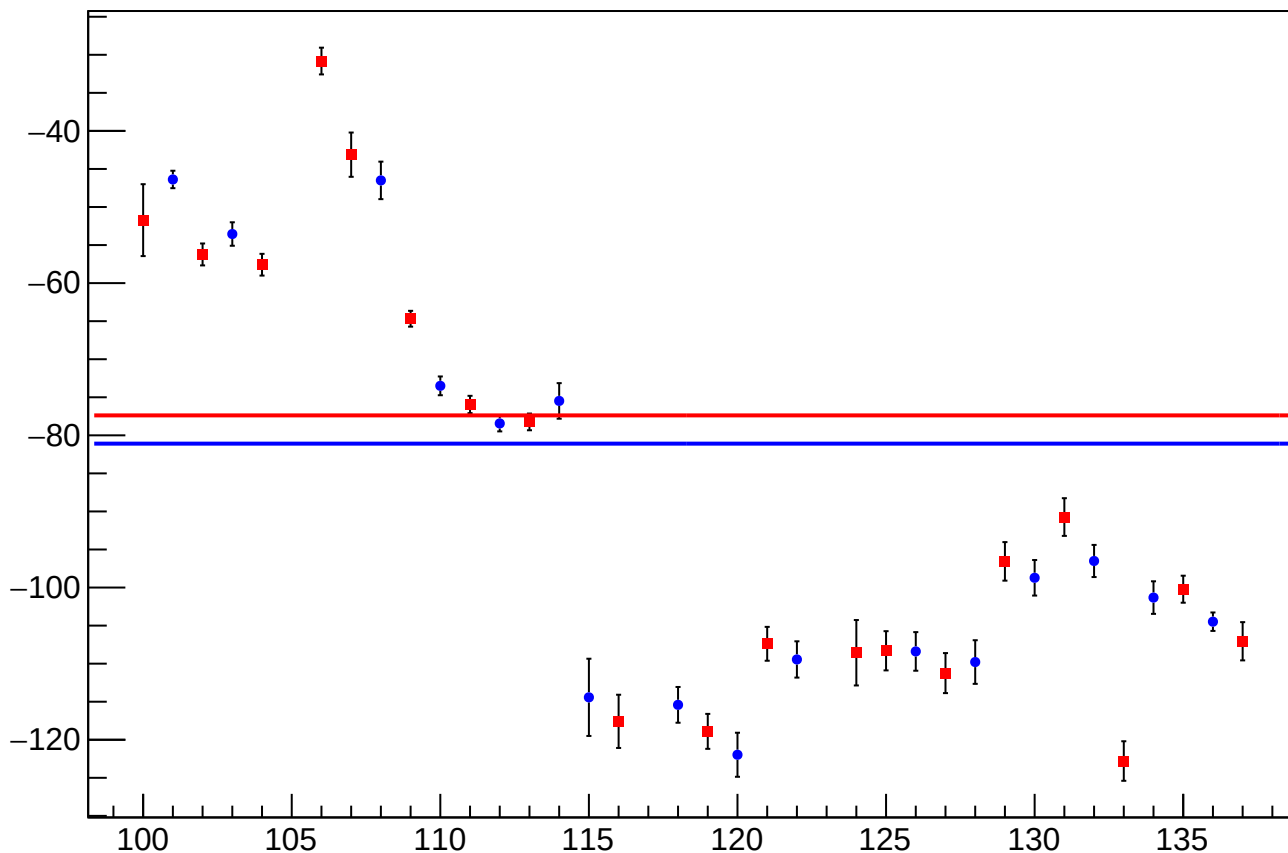
Right: -5.118+/-0.302 χ^2/NDF : 3658.1/34

In: -4.729+/-0.431 χ^2/NDF : 2148.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.118+/-0.302 χ^2/NDF : 3658.1/34

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.091 $\pm$ 0.438 χ^2 /NDF: 2870.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -77.379 $\pm$ 0.417 χ^2 /NDF: 3129.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

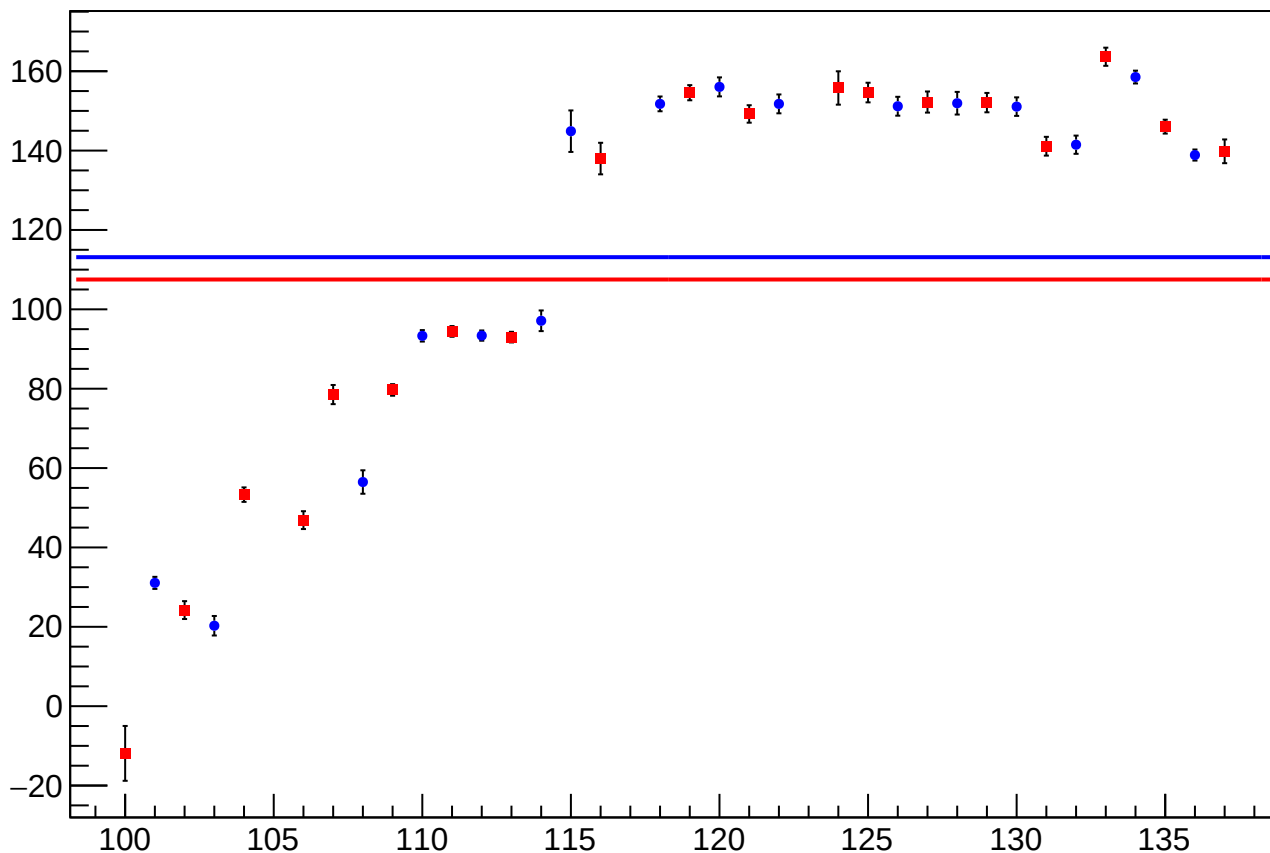
Right: -79.142 $\pm$ 0.302 χ^2 /NDF: 6037.6/34

In: -81.091 $\pm$ 0.438 χ^2 /NDF:2870.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -79.142 $\pm$ 0.302 χ^2 /NDF: 6037.6/34

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 113.143+/-0.489 χ^2/NDF : 8204.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.515+/-0.479 χ^2/NDF : 7544.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

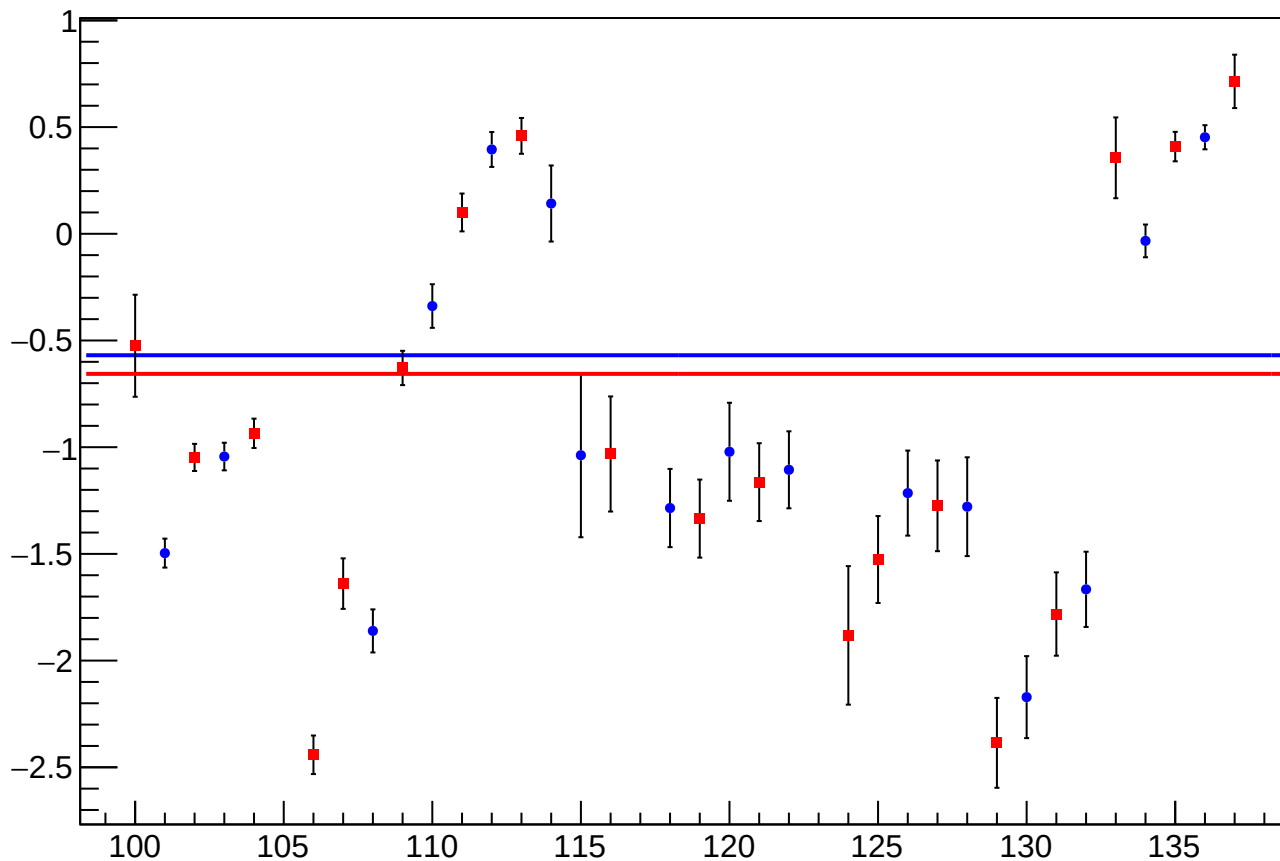
Right: 110.273+/-0.342 χ^2/NDF : 15815.7/34

In: 113.143+/-0.489 χ^2/NDF : 8204.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.273+/-0.342 χ^2/NDF : 15815.7/34

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.569 ± 0.026 χ^2/NDF : 1097.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.656 ± 0.025 χ^2/NDF : 1315.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

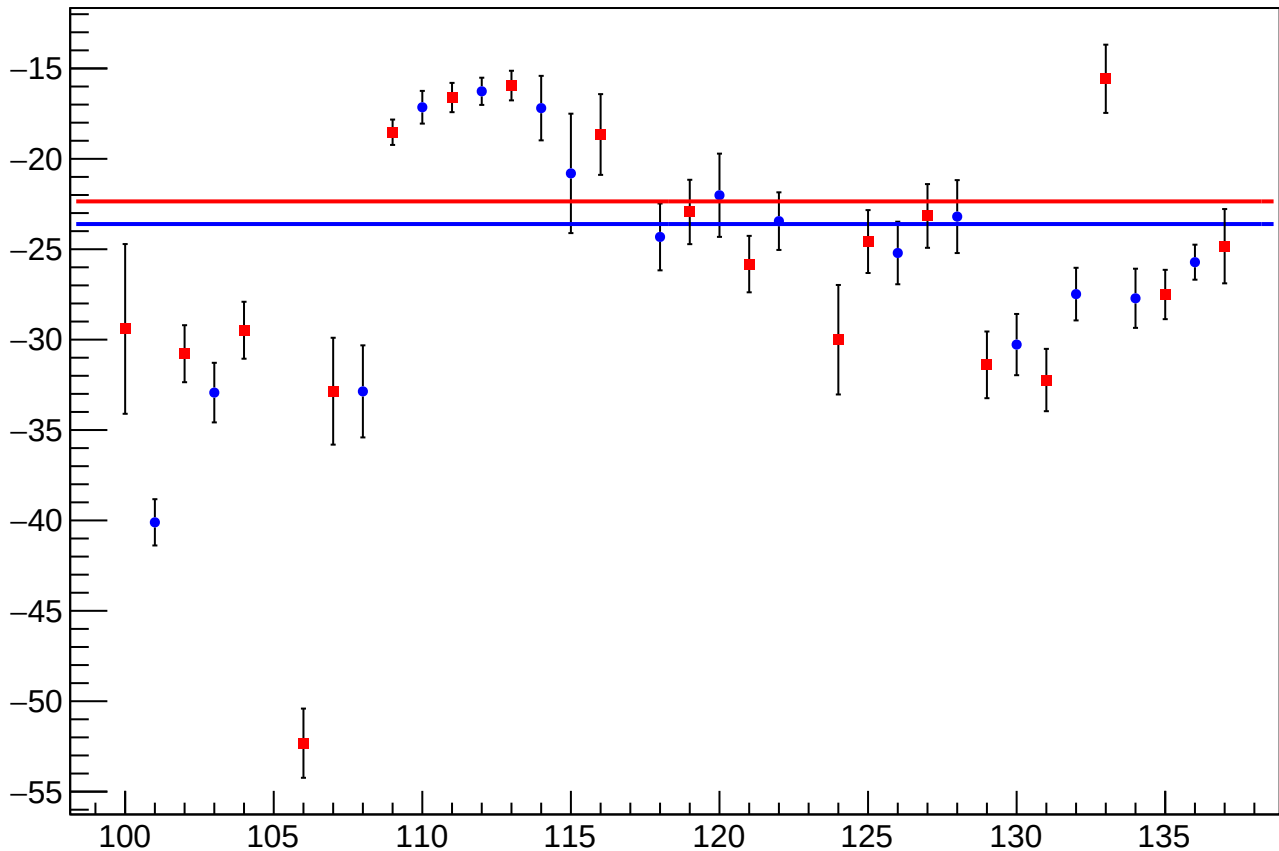
Right: -0.614 ± 0.018 χ^2/NDF : 2418.5/34

In: -0.569 ± 0.026 χ^2/NDF : 1097.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.614 ± 0.018 χ^2/NDF : 2418.5/34

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.607 ± 0.348 $\chi^2/\text{NDF}: 406.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -22.354 ± 0.322 $\chi^2/\text{NDF}: 551.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

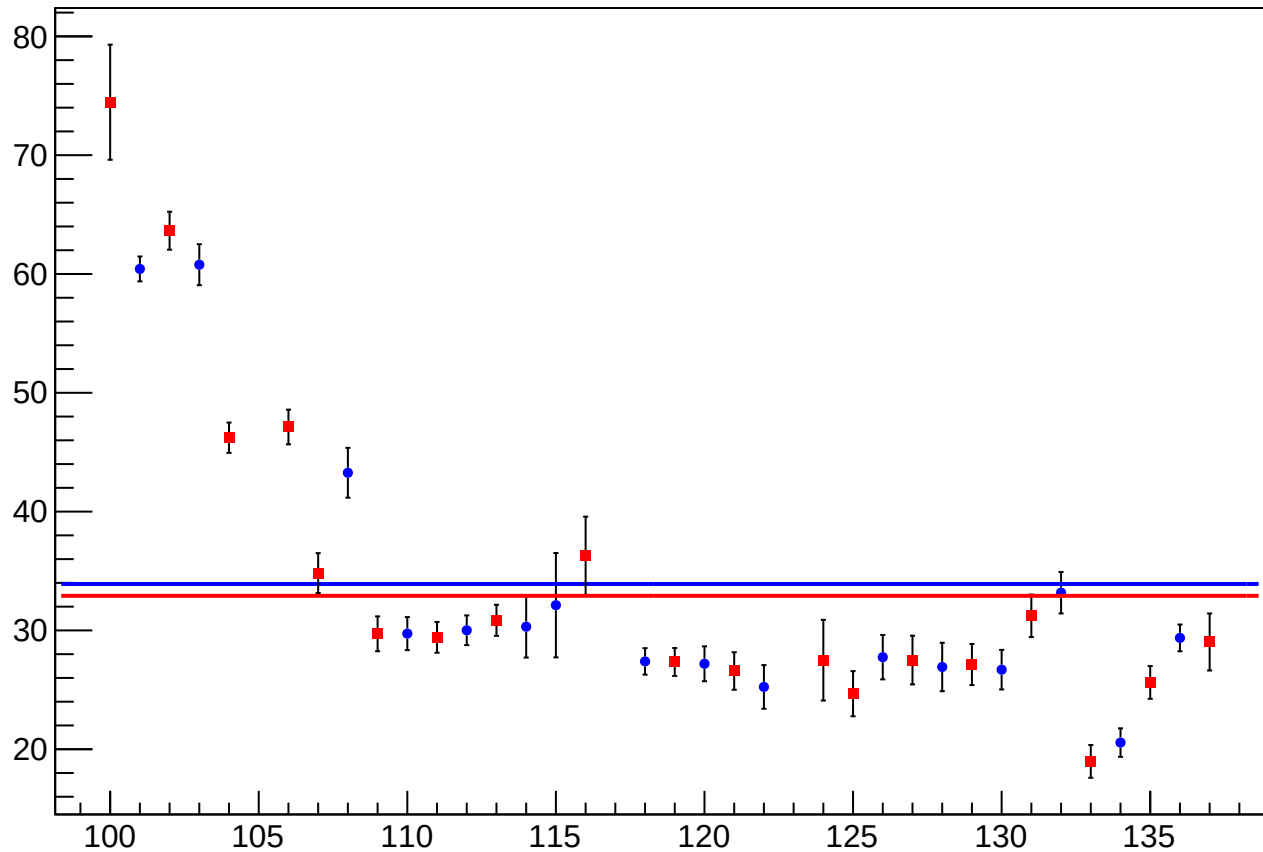
Right: -22.931 ± 0.236 $\chi^2/\text{NDF}: 965.1/34$

In: -23.607 ± 0.348 $\chi^2/\text{NDF}: 406.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -22.931 ± 0.236 $\chi^2/\text{NDF}: 965.1/34$

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 33.909+/-0.375 χ^2/NDF : 1184.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.911+/-0.373 χ^2/NDF : 875.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

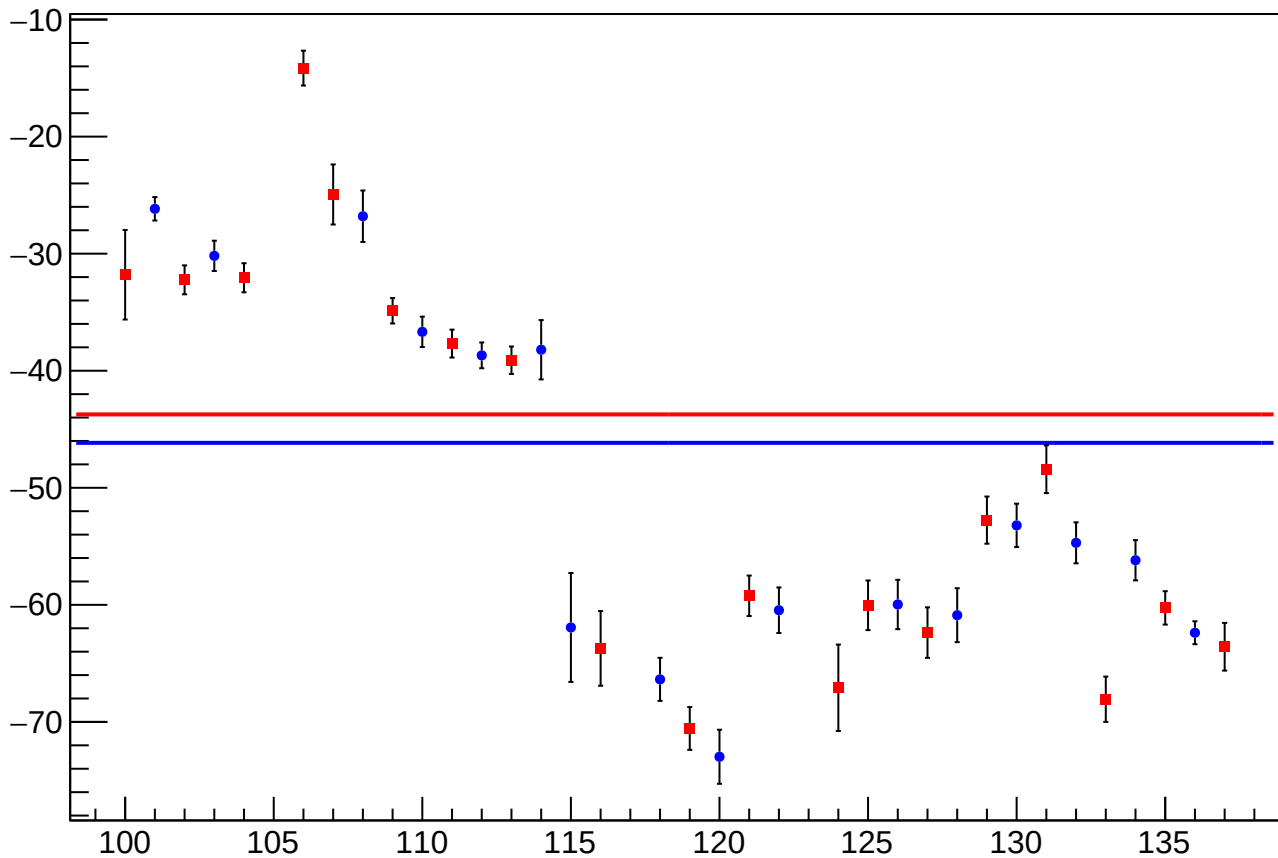
Right: 33.407+/-0.264 χ^2/NDF : 2062.9/34

In: 33.909+/-0.375 χ^2/NDF : 1184.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.407+/-0.264 χ^2/NDF : 2062.9/34

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.160+/-0.390 χ^2/NDF : 1489.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -43.730+/-0.378 χ^2/NDF : 1663.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

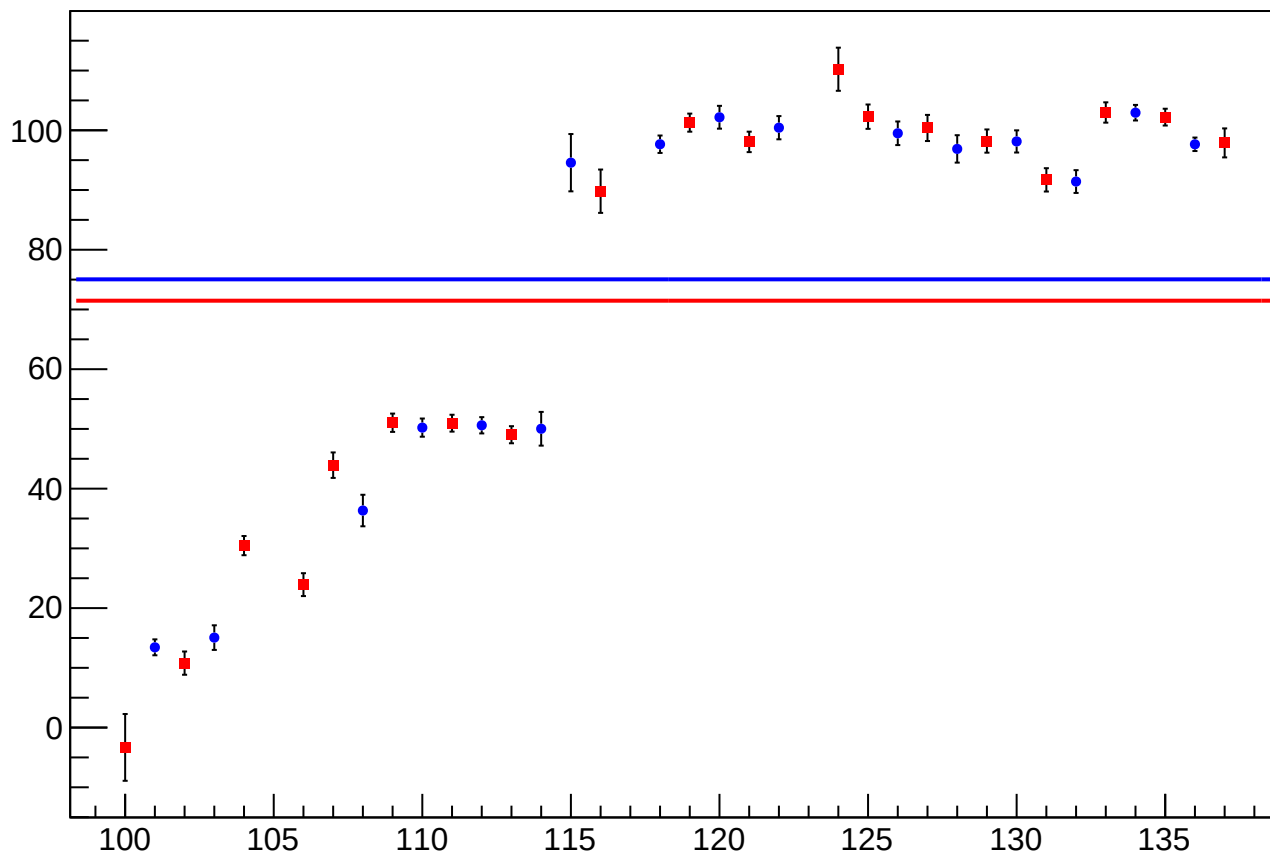
Right: -44.909+/-0.271 χ^2/NDF : 3173.0/34

In: -46.160+/-0.390 χ^2/NDF :1489.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -44.909+/-0.271 χ^2/NDF : 3173.0/34

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 75.042+/-0.427 χ^2/NDF : 5828.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 71.468+/-0.426 χ^2/NDF : 5628.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

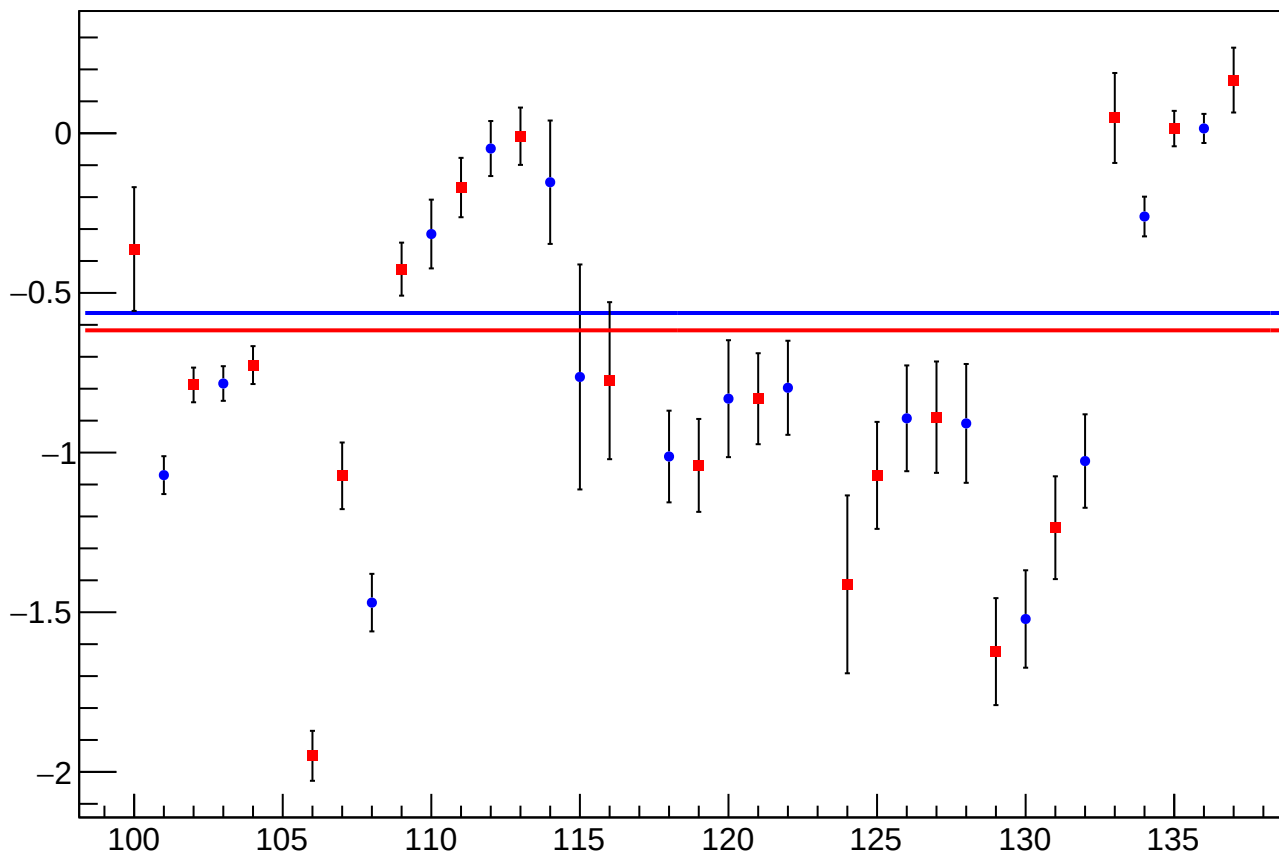
Right: 73.248+/-0.302 χ^2/NDF : 11491.6/34

In: 75.042+/-0.427 χ^2/NDF : 5828.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.248+/-0.302 χ^2/NDF : 11491.6/34

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.563 ± 0.022 $\chi^2/\text{NDF}: 493.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.617 ± 0.022 $\chi^2/\text{NDF}: 690.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

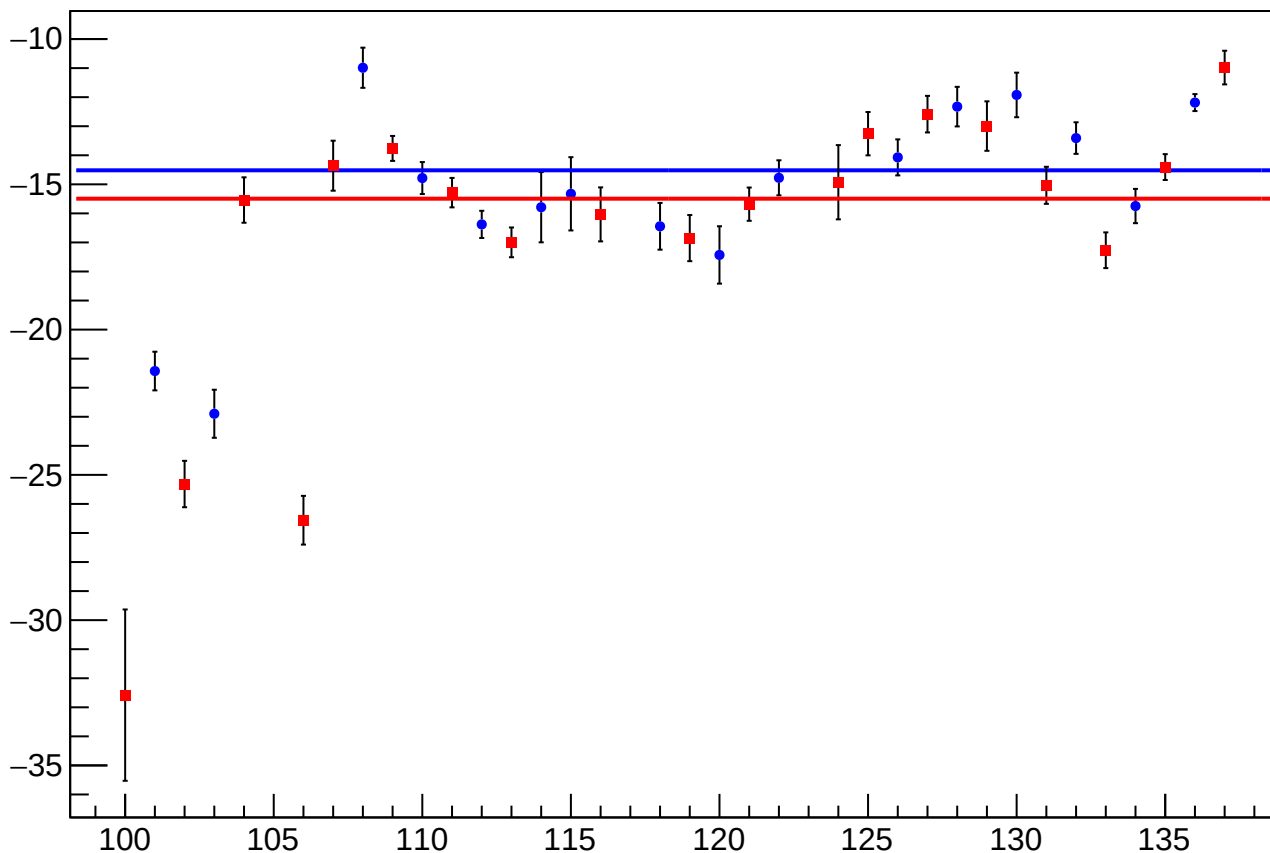
Right: -0.590 ± 0.016 $\chi^2/\text{NDF}: 1186.0/34$

In: -0.563 ± 0.022 $\chi^2/\text{NDF}: 493.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.590 ± 0.016 $\chi^2/\text{NDF}: 1186.0/34$

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -14.518 ± 0.149 χ^2/NDF : 363.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.494 ± 0.150 χ^2/NDF : 503.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

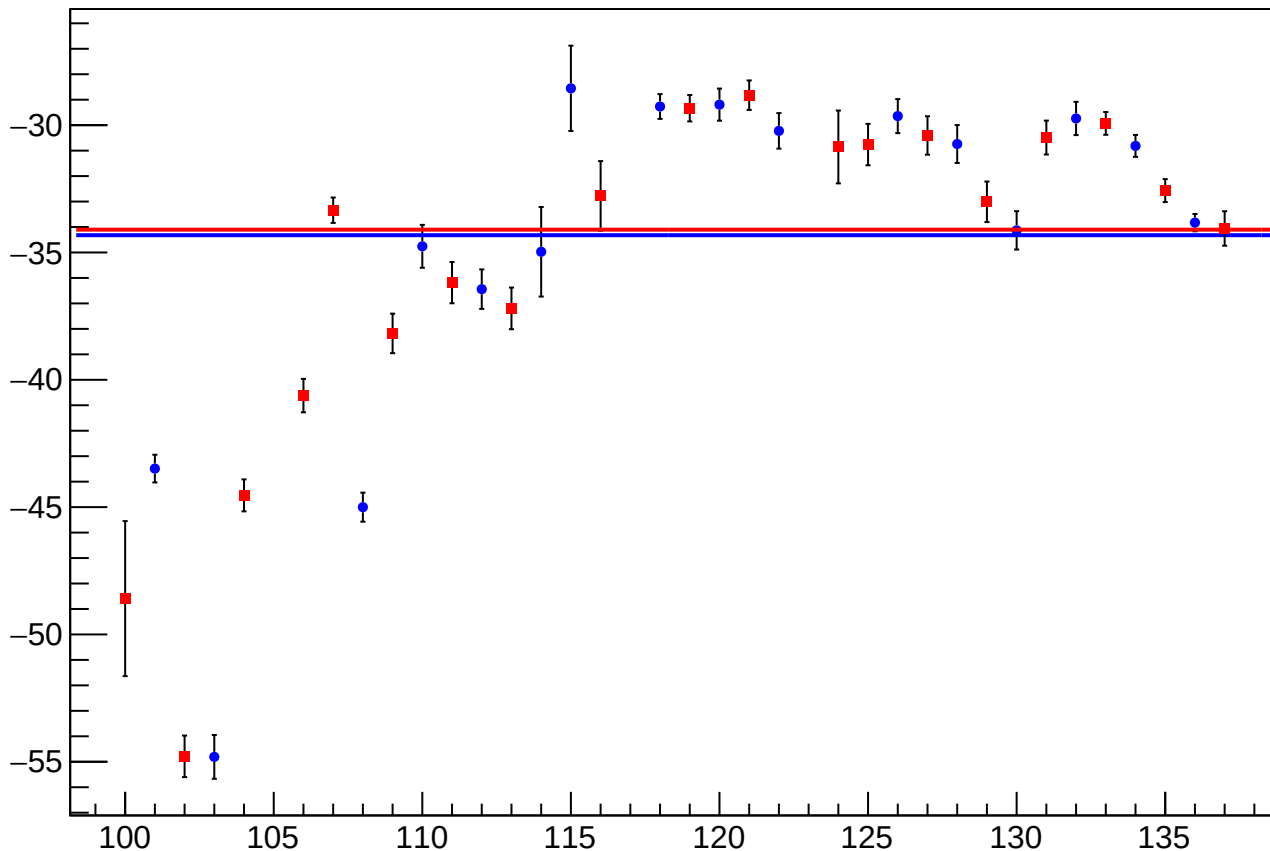
Right: -15.004 ± 0.106 χ^2/NDF : 888.5/34

In: -14.518 ± 0.149 χ^2/NDF : 363.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.004 ± 0.106 χ^2/NDF : 888.5/34

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -34.321 ± 0.153 $\chi^2/\text{NDF}: 1620.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -34.104 ± 0.154 $\chi^2/\text{NDF}: 1434.8/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

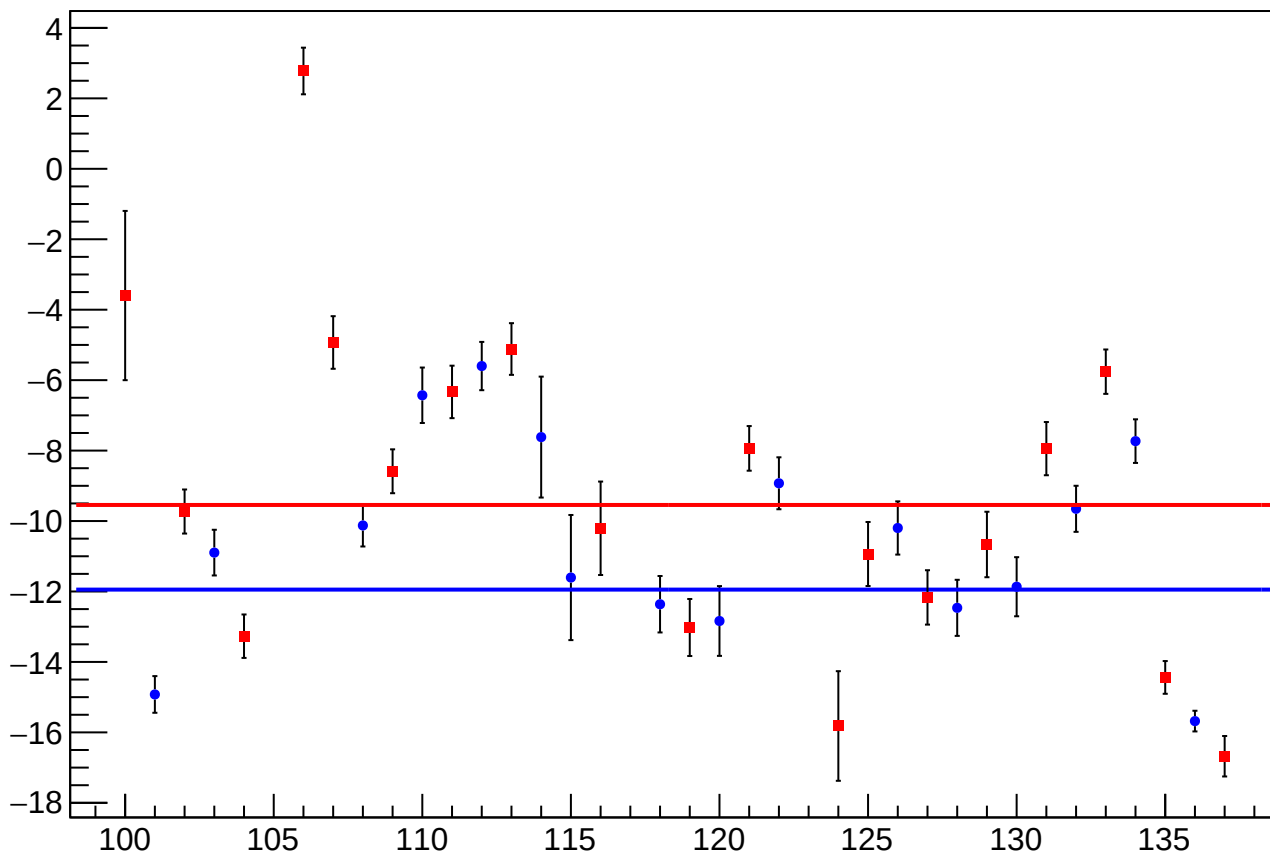
Right: -34.213 ± 0.109 $\chi^2/\text{NDF}: 3056.3/34$

In: -34.321 ± 0.153 $\chi^2/\text{NDF}: 1620.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -34.213 ± 0.109 $\chi^2/\text{NDF}: 3056.3/34$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.946 ± 0.160 χ^2/NDF : 430.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.544 ± 0.165 χ^2/NDF : 847.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

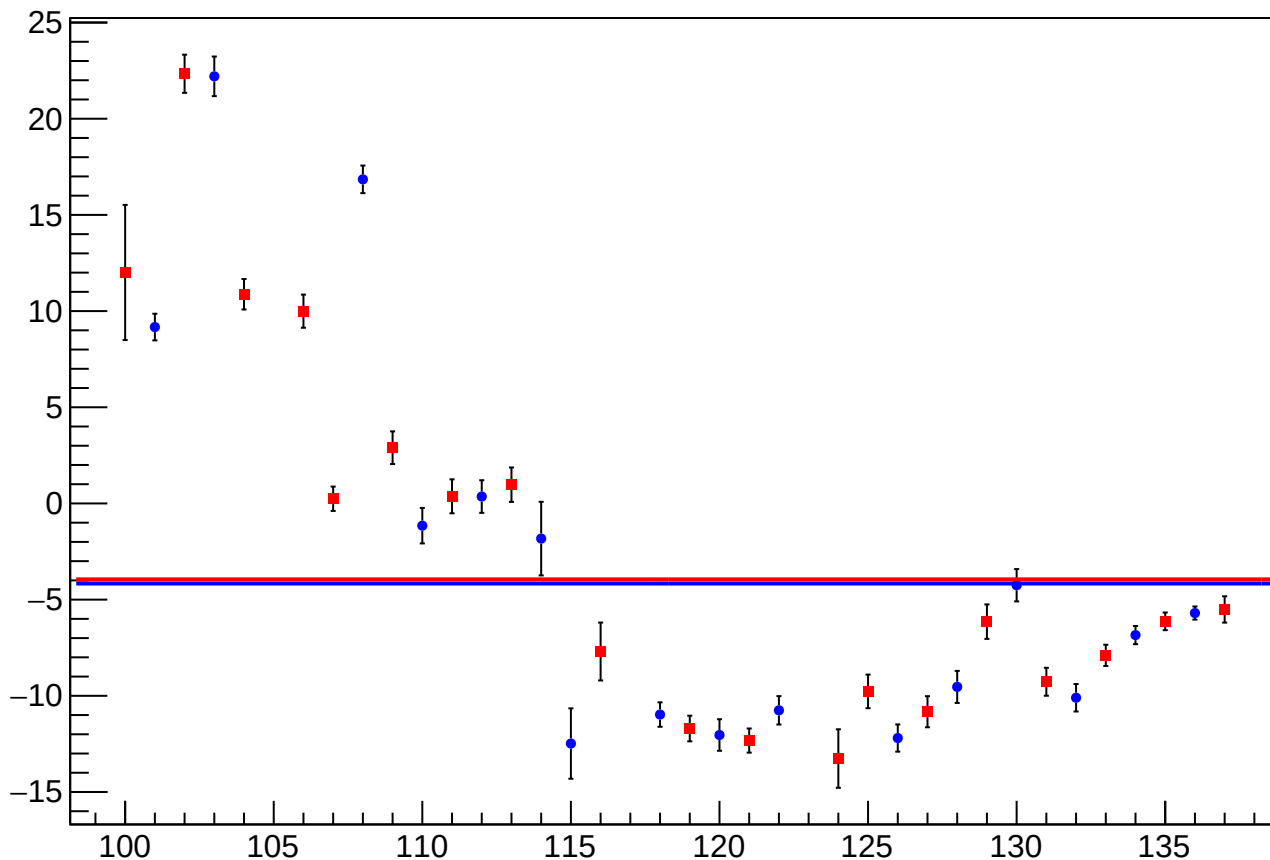
Right: -10.782 ± 0.115 χ^2/NDF : 1386.2/34

In: -11.946 ± 0.160 χ^2/NDF : 430.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.782 ± 0.115 χ^2/NDF : 1386.2/34

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -4.163+/-0.172 χ^2/NDF : 2525.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -3.947+/-0.176 χ^2/NDF : 2110.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

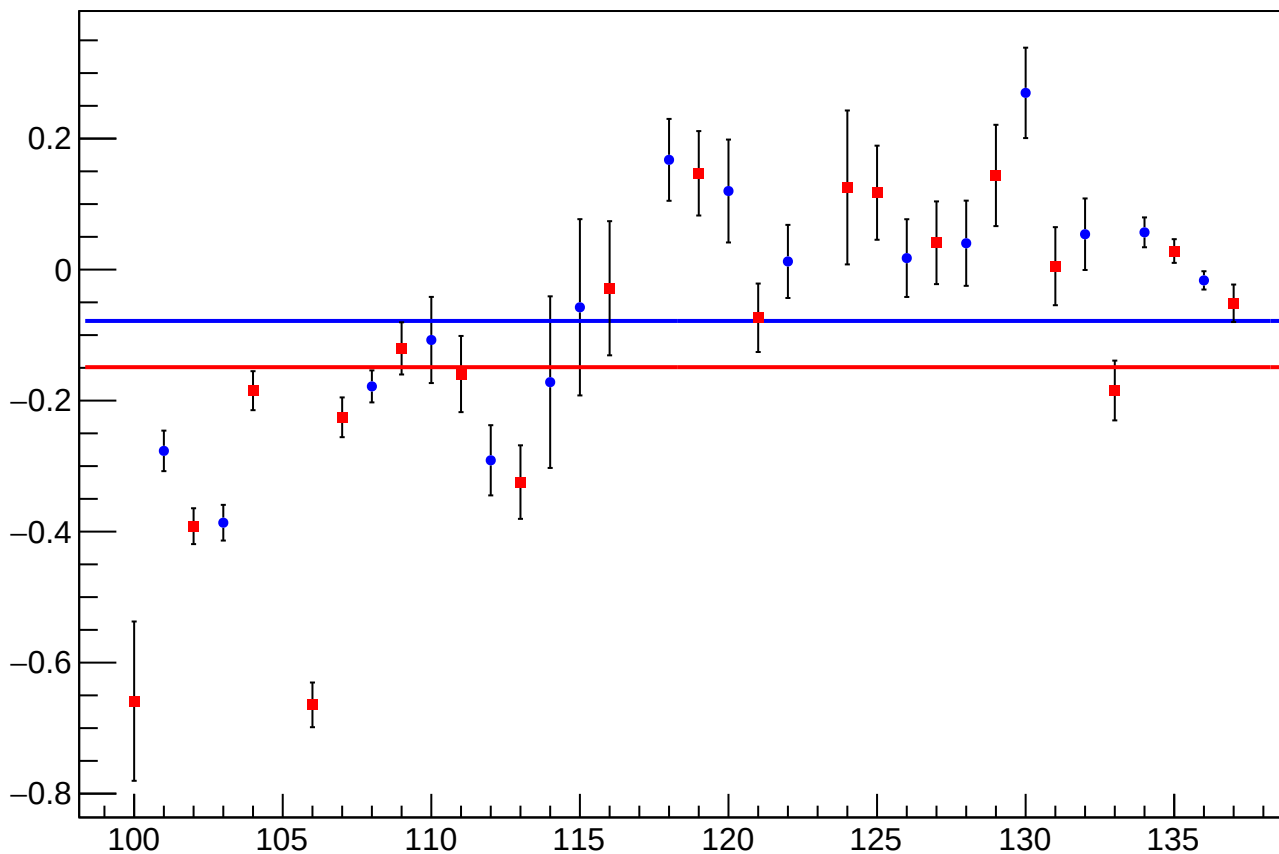
Right: -4.057+/-0.123 χ^2/NDF : 4636.0/34

In: -4.163+/-0.172 χ^2/NDF :2525.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -4.057+/-0.123 χ^2/NDF : 4636.0/34

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.078 ± 0.009 χ^2/NDF : 318.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.149 ± 0.009 χ^2/NDF : 524.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

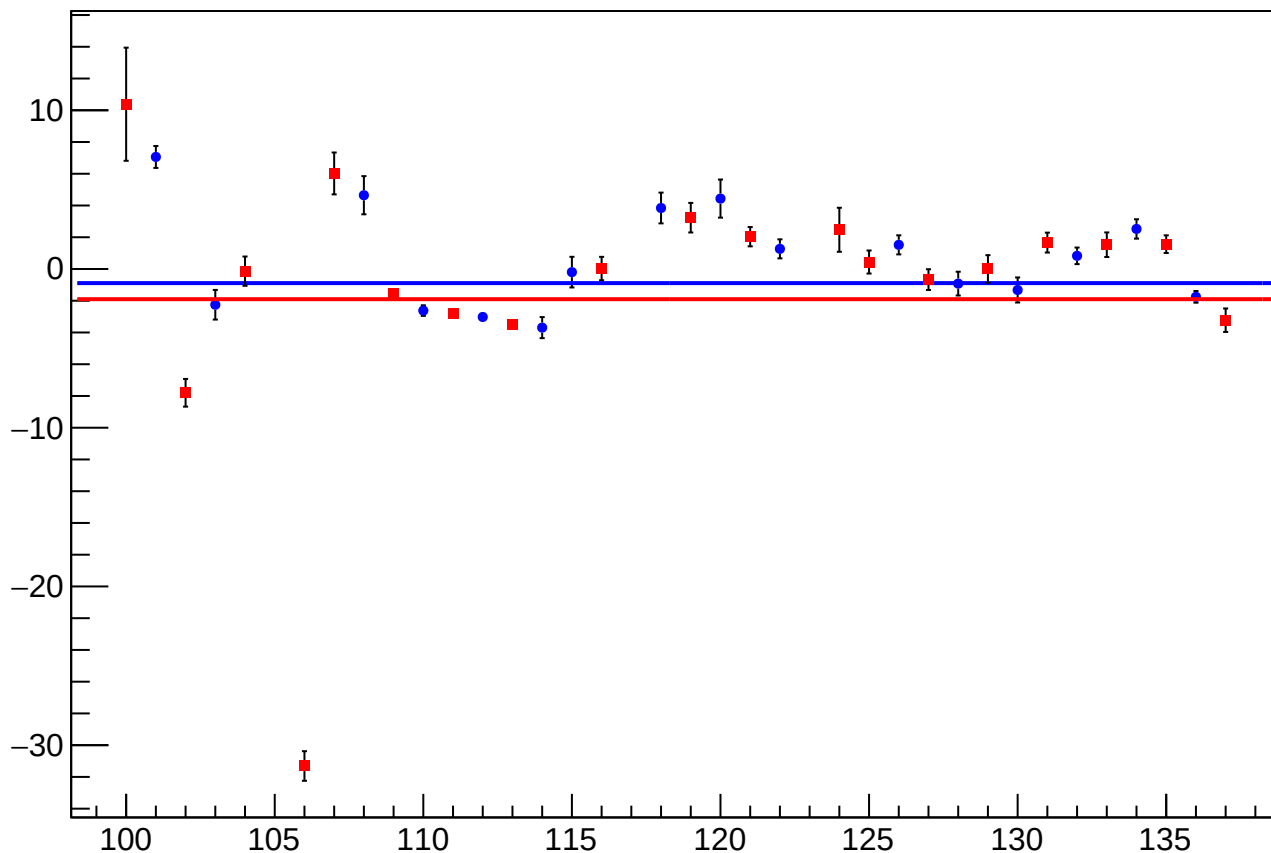
Right: -0.112 ± 0.006 χ^2/NDF : 875.6/34

In: -0.078 ± 0.009 χ^2/NDF : 318.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.112 ± 0.006 χ^2/NDF : 875.6/34

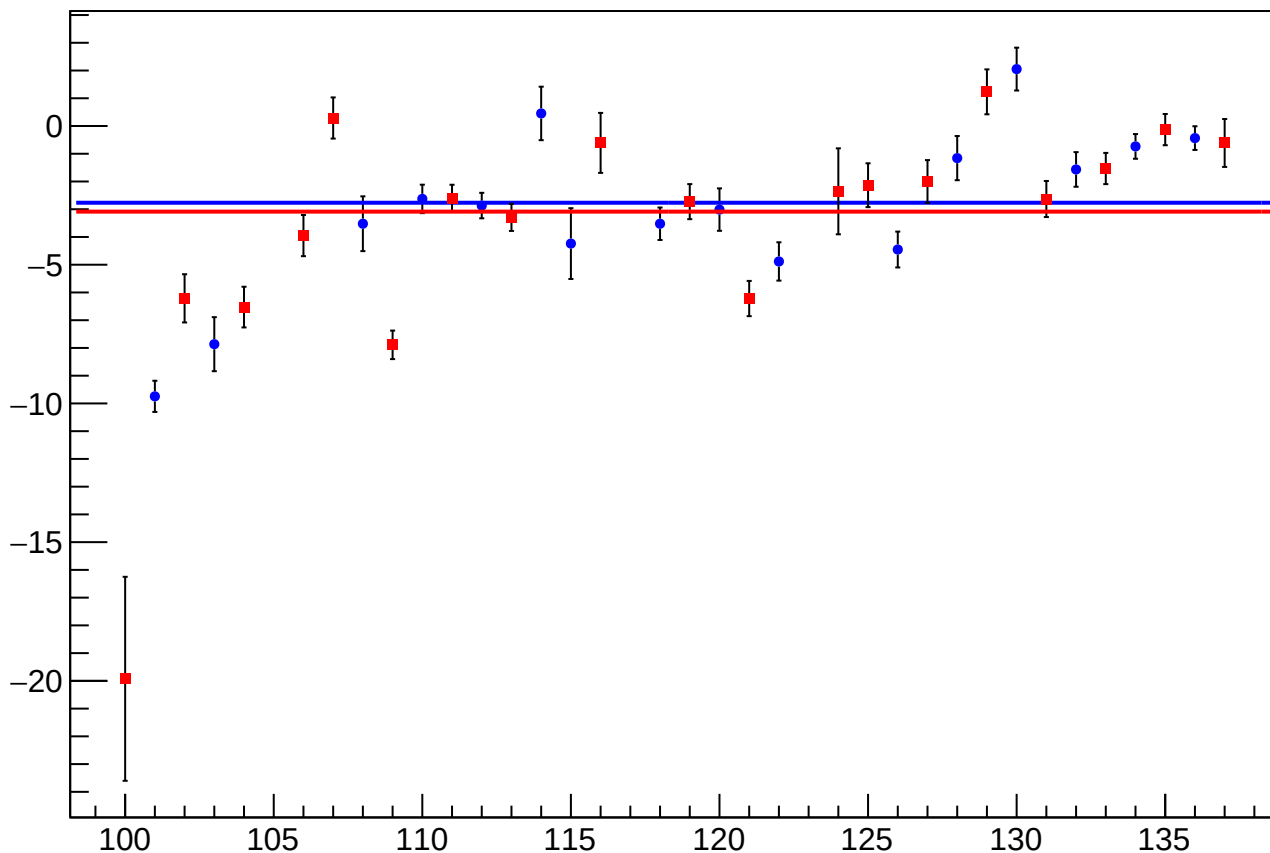
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.889+/-0.137 χ^2 /NDF: 380.3/15
 Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 Right Out: -1.903+/-0.128 χ^2 /NDF: 1331.8/18
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.428+/-0.094 χ^2 /NDF: 1741.3/34
 In: -0.889+/-0.137 χ^2 /NDF:380.3/15
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.428+/-0.094 χ^2 /NDF: 1741.3/34

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.766 ± 0.156 χ^2/NDF : 310.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.086 ± 0.158 χ^2/NDF : 272.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

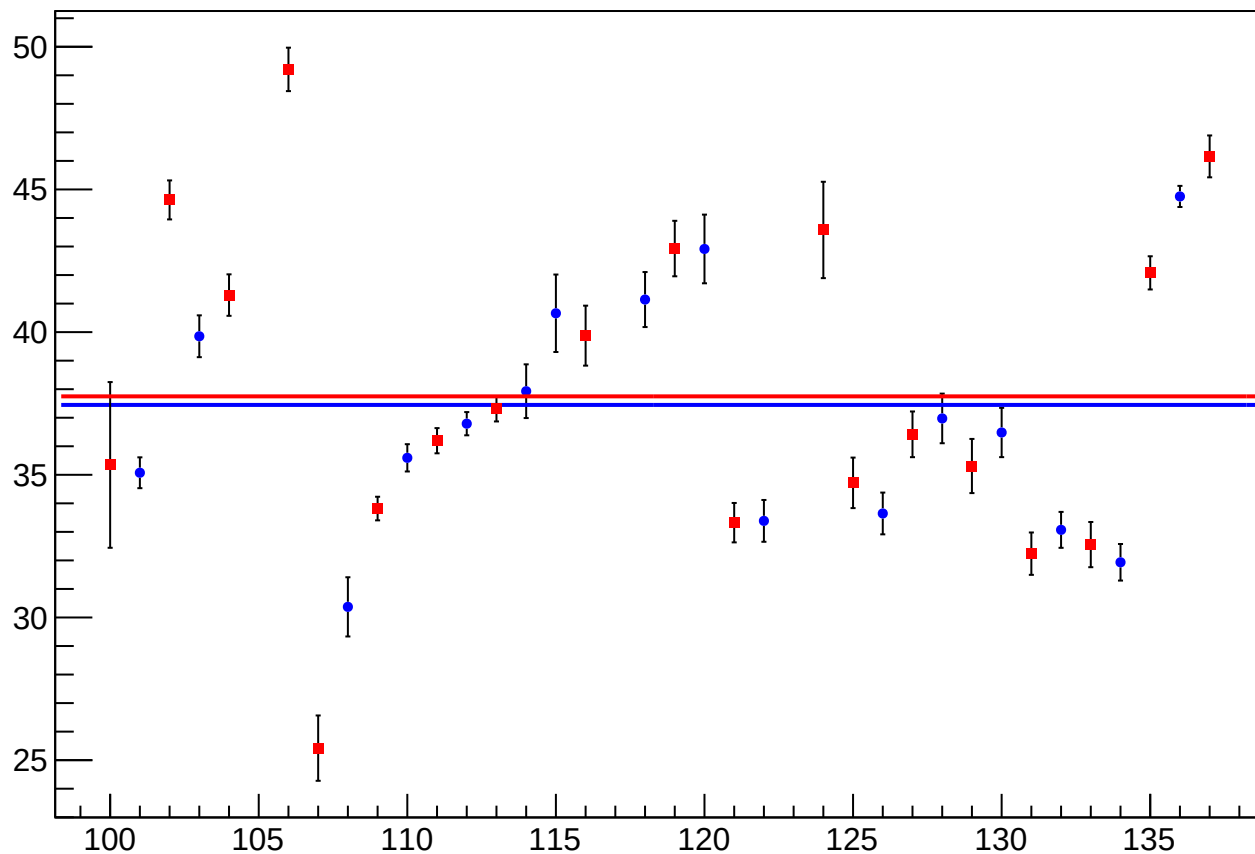
Right: -2.925 ± 0.111 χ^2/NDF : 584.6/34

In: -2.766 ± 0.156 χ^2/NDF : 310.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.925 ± 0.111 χ^2/NDF : 584.6/34

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 37.449+/-0.161 χ^2/NDF : 706.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.749+/-0.159 χ^2/NDF : 963.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

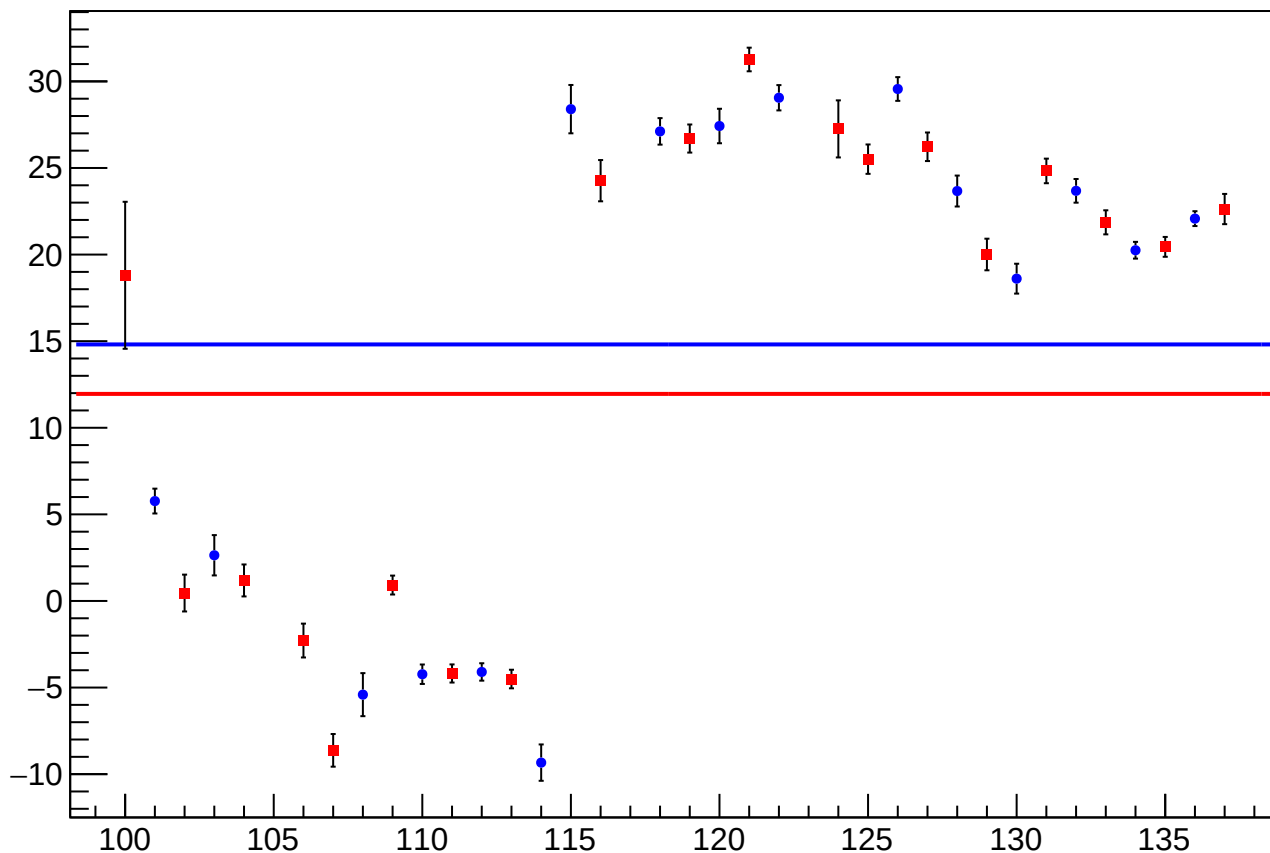
Right: 37.600+/-0.113 χ^2/NDF : 1672.3/34

In: 37.449+/-0.161 χ^2/NDF : 706.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.600+/-0.113 χ^2/NDF : 1672.3/34

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.812 $\pm$ 0.174 χ^2 /NDF: 5686.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.955 $\pm$ 0.177 χ^2 /NDF: 6105.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

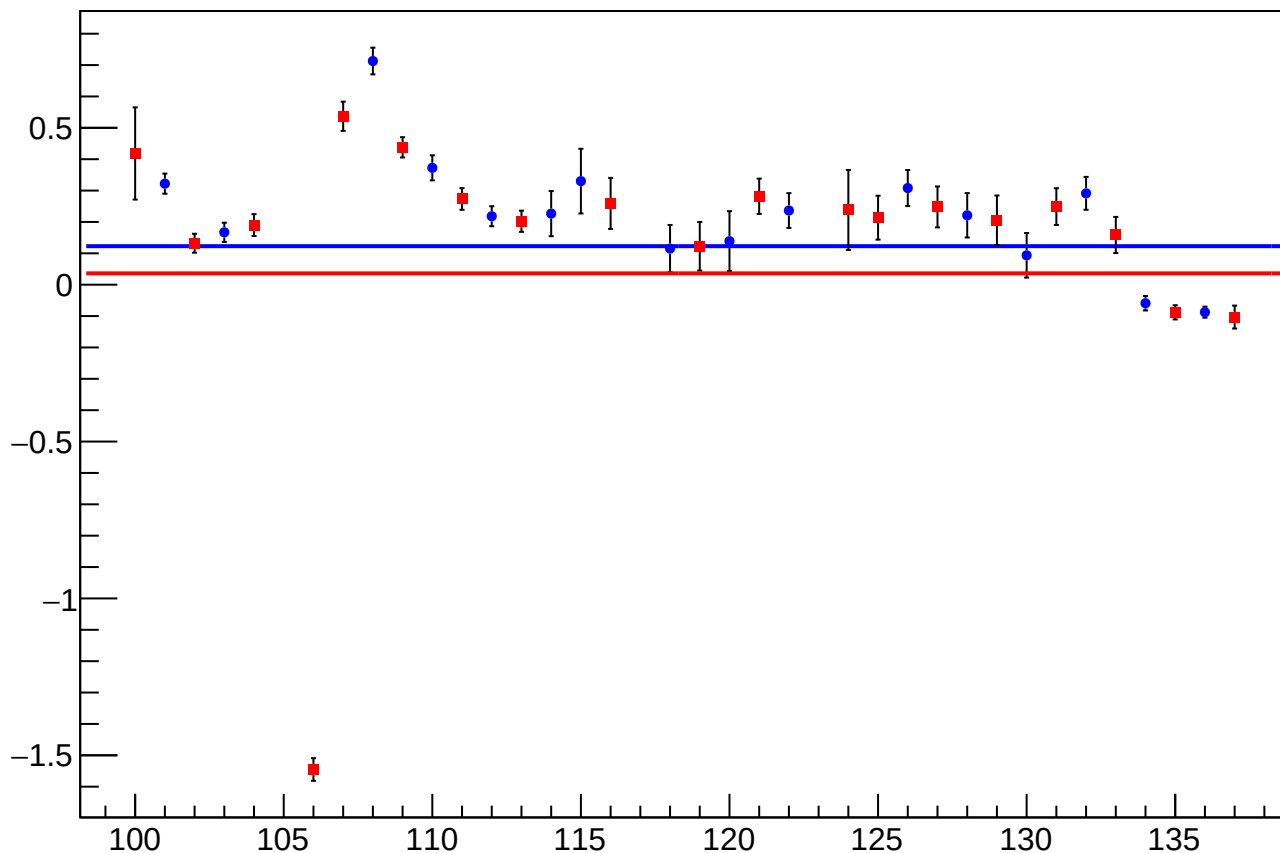
Right: 13.408 $\pm$ 0.124 χ^2 /NDF: 11924.5/34

In: 14.812 $\pm$ 0.174 χ^2 /NDF:5686.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.408 $\pm$ 0.124 χ^2 /NDF: 11924.5/34

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.123+/-0.009 χ^2/NDF : 520.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.010 χ^2/NDF : 2414.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

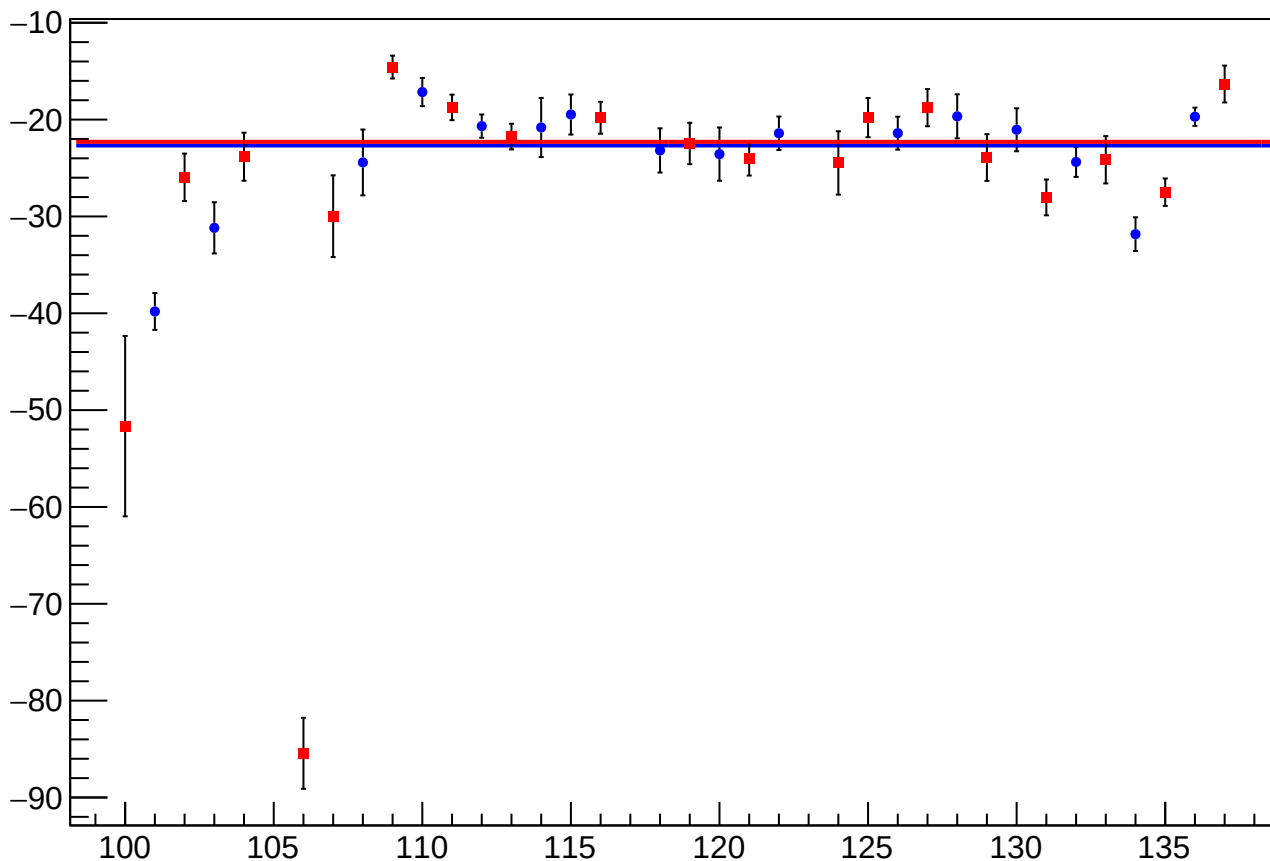
Right: 0.081+/-0.007 χ^2/NDF : 2975.5/34

In: 0.123+/-0.009 χ^2/NDF : 520.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.081+/-0.007 χ^2/NDF : 2975.5/34

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.675 $\pm$ 0.435 χ^2/NDF : 154.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -22.295 $\pm$ 0.435 χ^2/NDF : 405.5/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

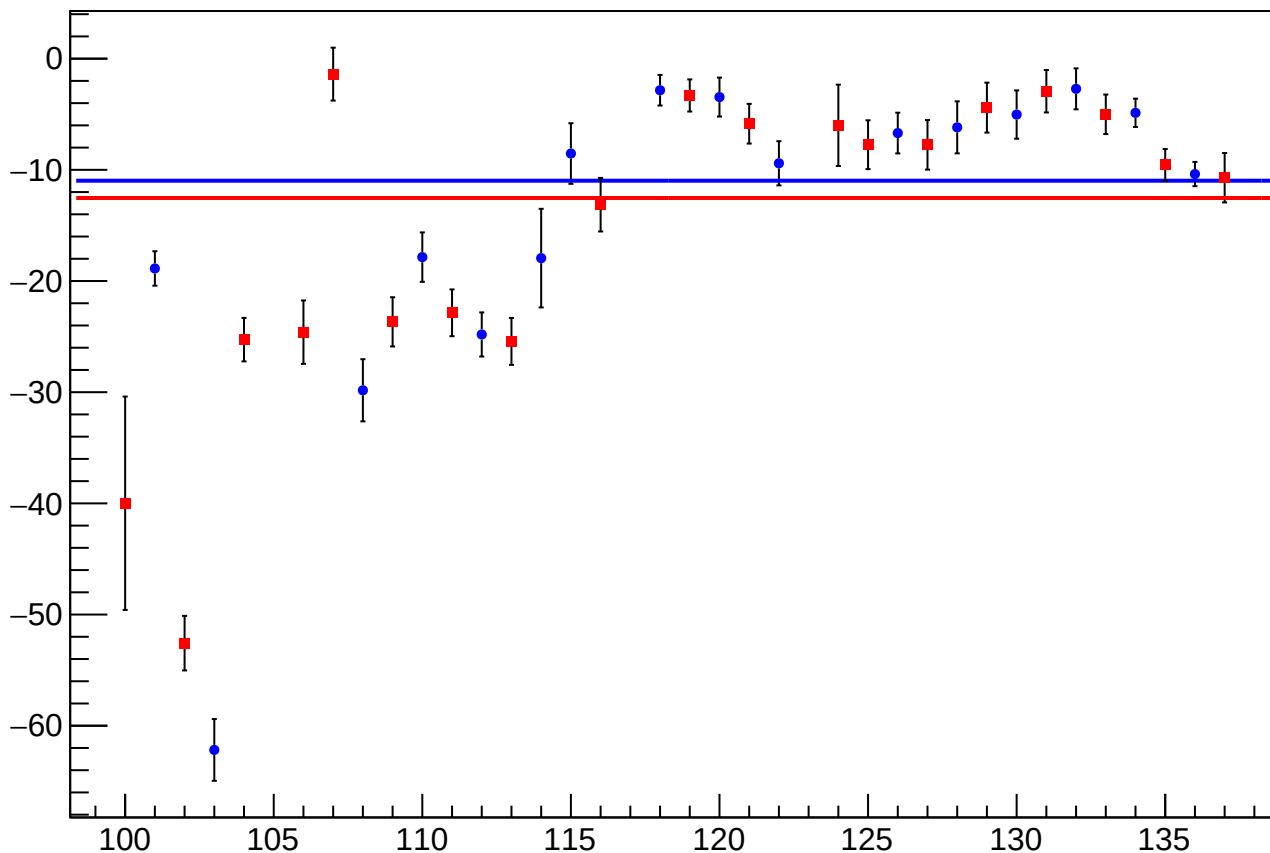
Right: -22.485 $\pm$ 0.307 χ^2/NDF : 560.3/34

In: -22.675 $\pm$ 0.435 χ^2/NDF : 154.4/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -22.485 $\pm$ 0.307 χ^2/NDF : 560.3/34

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -10.978 ± 0.453 χ^2/NDF : 587.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.533 ± 0.481 χ^2/NDF : 572.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

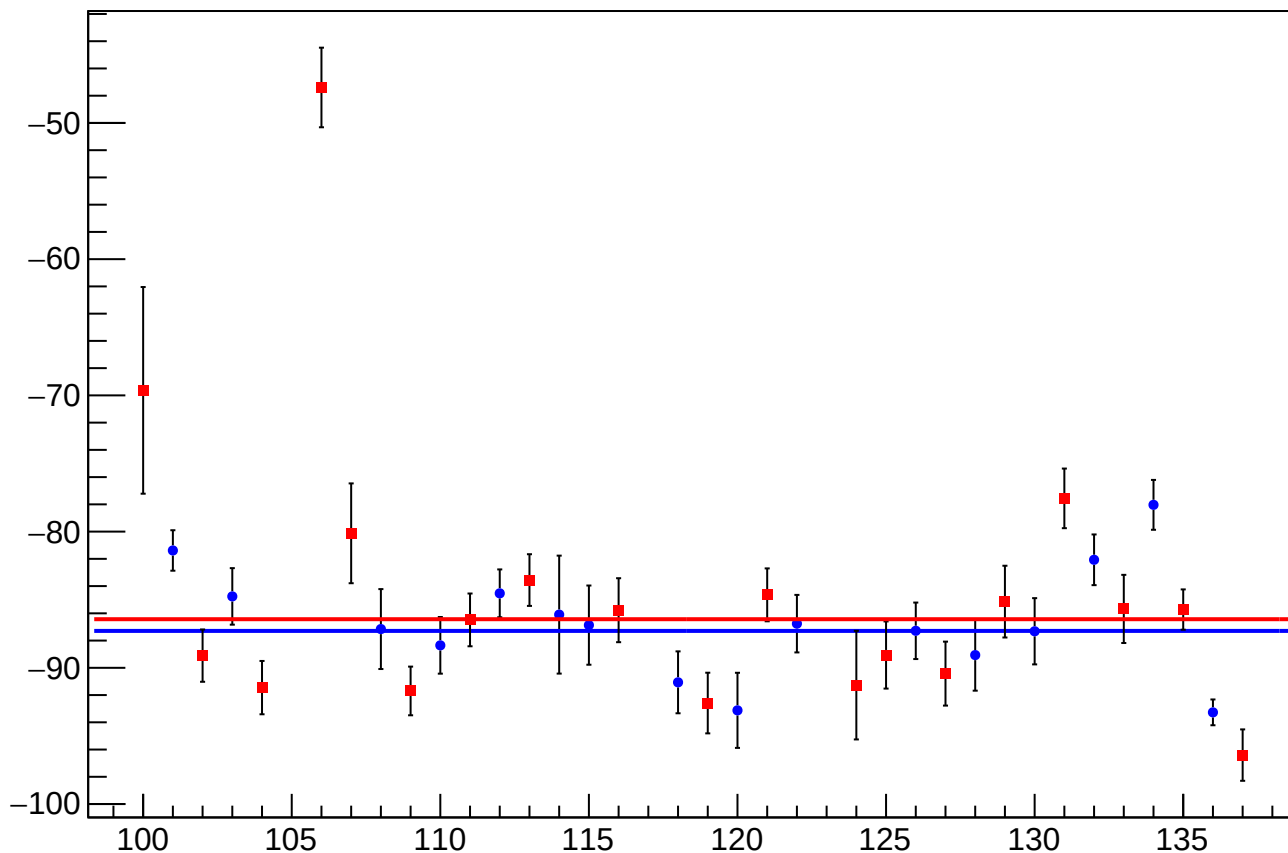
Right: -11.710 ± 0.330 χ^2/NDF : 1165.1/34

In: -10.978 ± 0.453 χ^2/NDF : 587.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.710 ± 0.330 χ^2/NDF : 1165.1/34

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.291 $\pm$ 0.481 χ^2 /NDF: 101.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -86.431 $\pm$ 0.506 χ^2 /NDF: 264.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

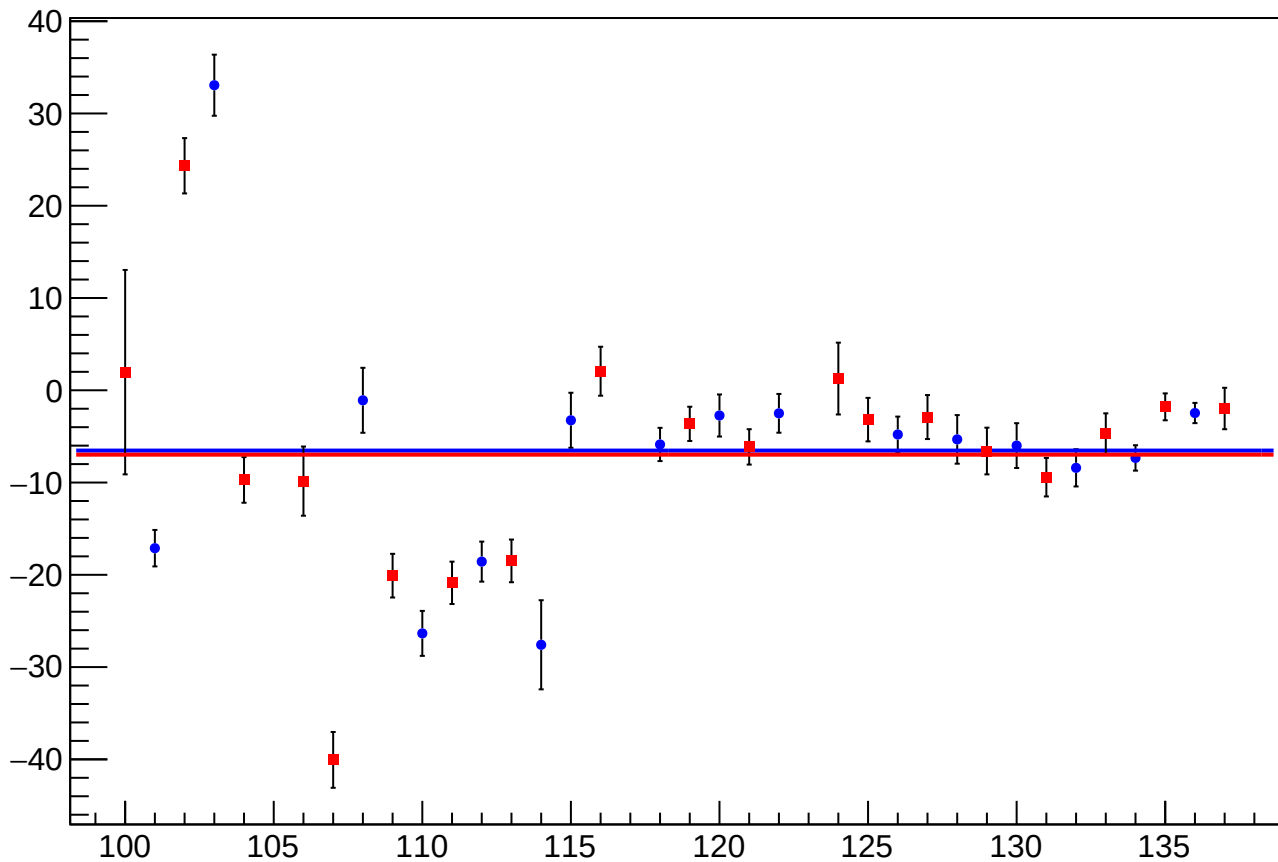
Right: -86.883 $\pm$ 0.348 χ^2 /NDF: 367.6/34

In: -87.291 $\pm$ 0.481 χ^2 /NDF:101.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -86.883 $\pm$ 0.348 χ^2 /NDF: 367.6/34

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.535+/-0.508 χ^2 /NDF: 313.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -6.979+/-0.542 χ^2 /NDF: 368.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

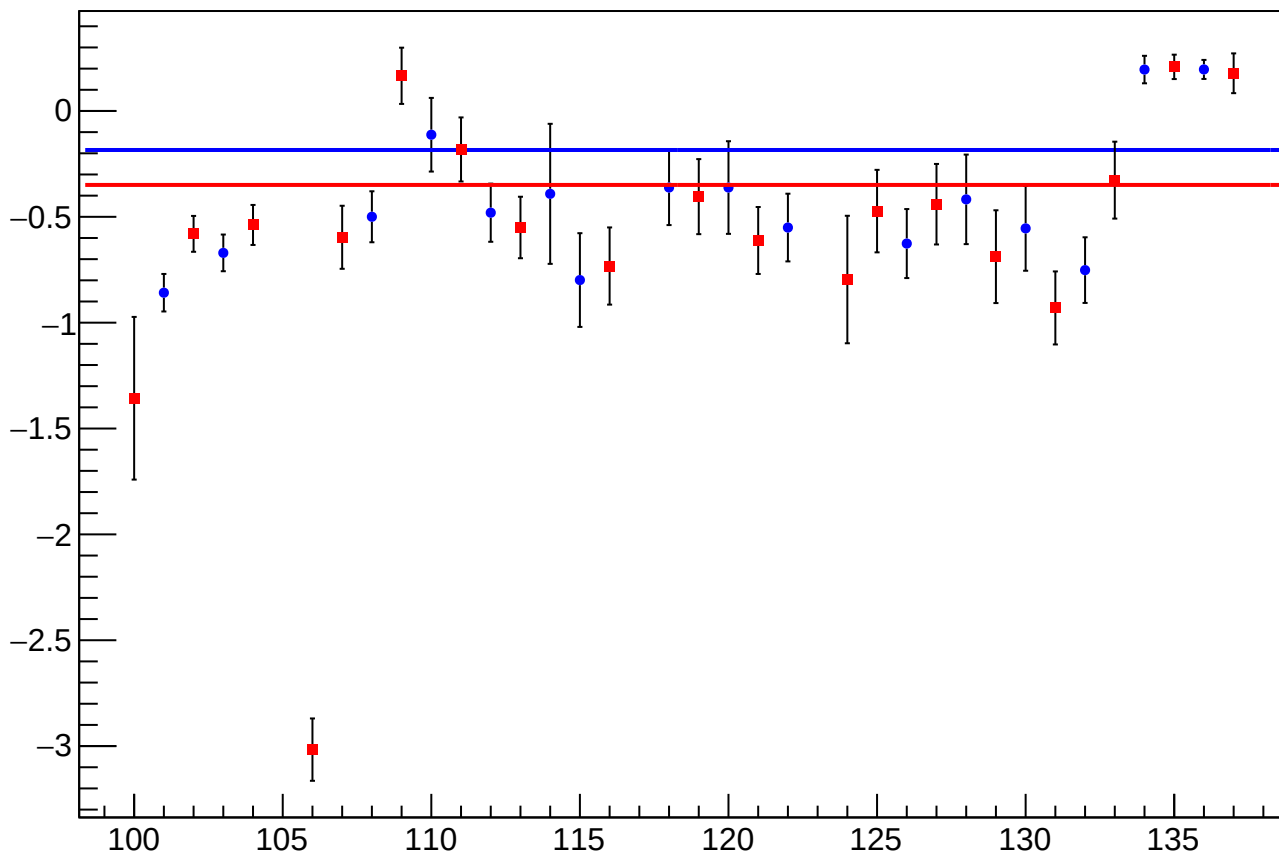
Right: -6.743+/-0.370 χ^2 /NDF: 682.6/34

In: -6.535+/-0.508 χ^2 /NDF:313.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -6.743+/-0.370 χ^2 /NDF: 682.6/34

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.184 ± 0.027 χ^2/NDF : 247.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.349 ± 0.029 χ^2/NDF : 516.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

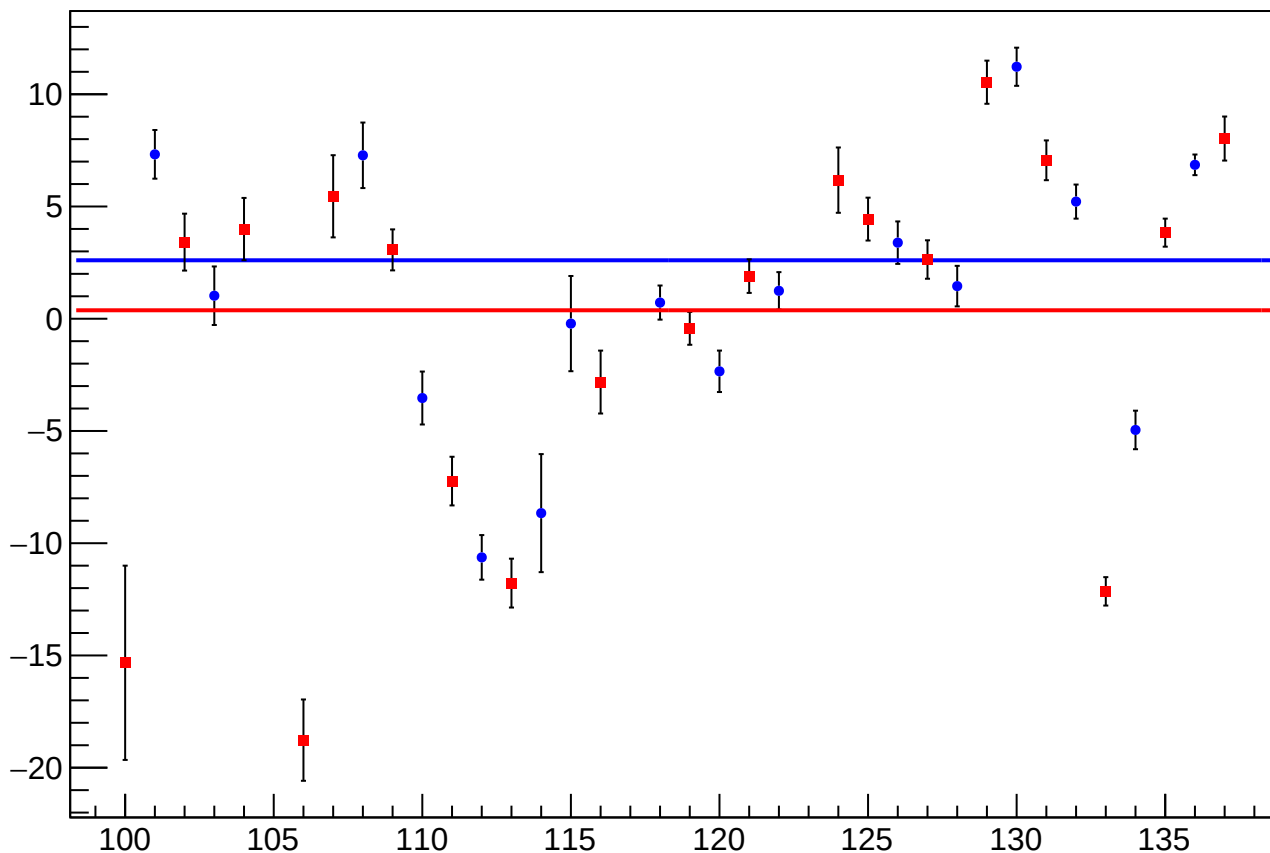
Right: -0.259 ± 0.020 χ^2/NDF : 781.1/34

In: -0.184 ± 0.027 χ^2/NDF : 247.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.259 ± 0.020 χ^2/NDF : 781.1/34

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.604 $\pm$ 0.224 χ^2 /NDF: 573.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.377 $\pm$ 0.222 χ^2 /NDF: 1030.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

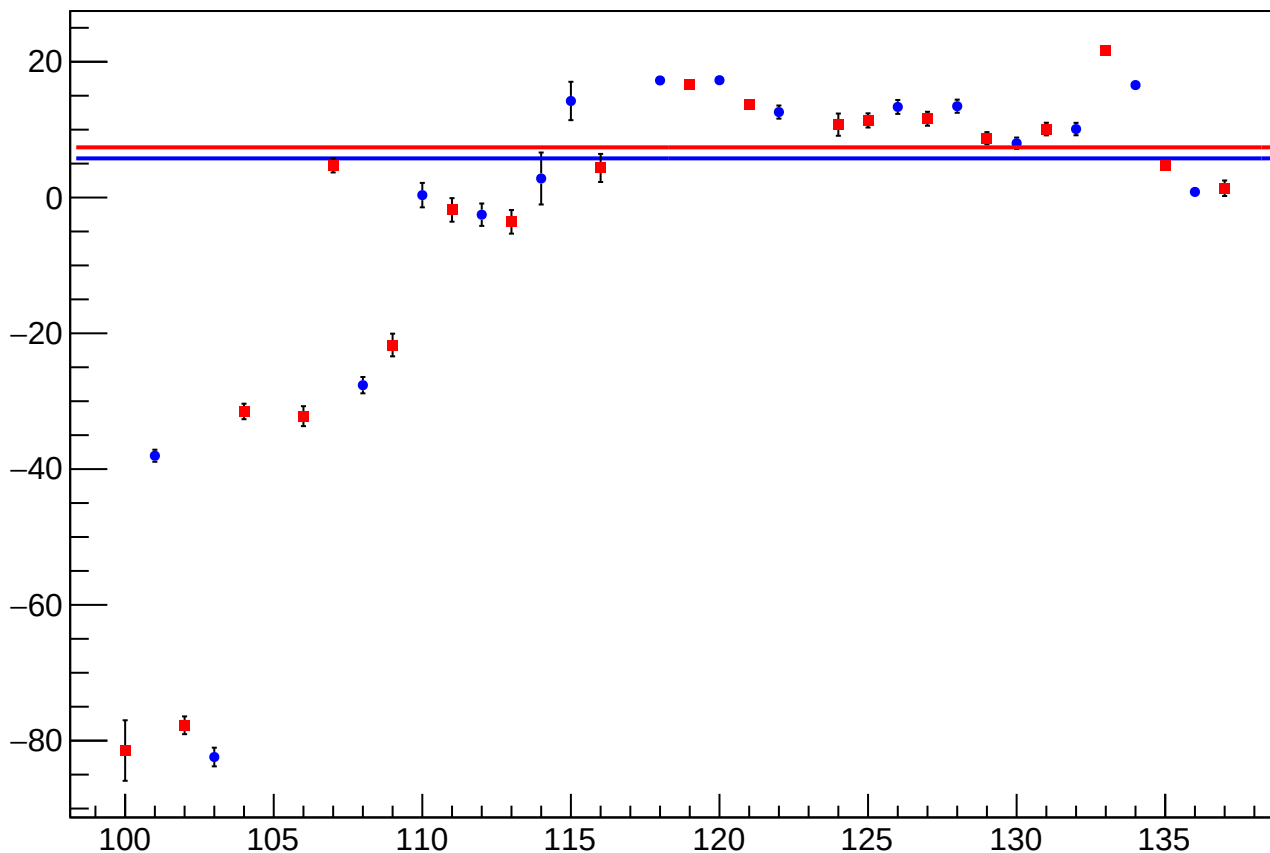
Right: 1.481 $\pm$ 0.158 χ^2 /NDF: 1653.8/34

In: 2.604 $\pm$ 0.224 χ^2 /NDF:573.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.481 $\pm$ 0.158 χ^2 /NDF: 1653.8/34

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.768 $\pm$ 0.210 χ^2 /NDF: 8933.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.393 $\pm$ 0.209 χ^2 /NDF: 8390.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

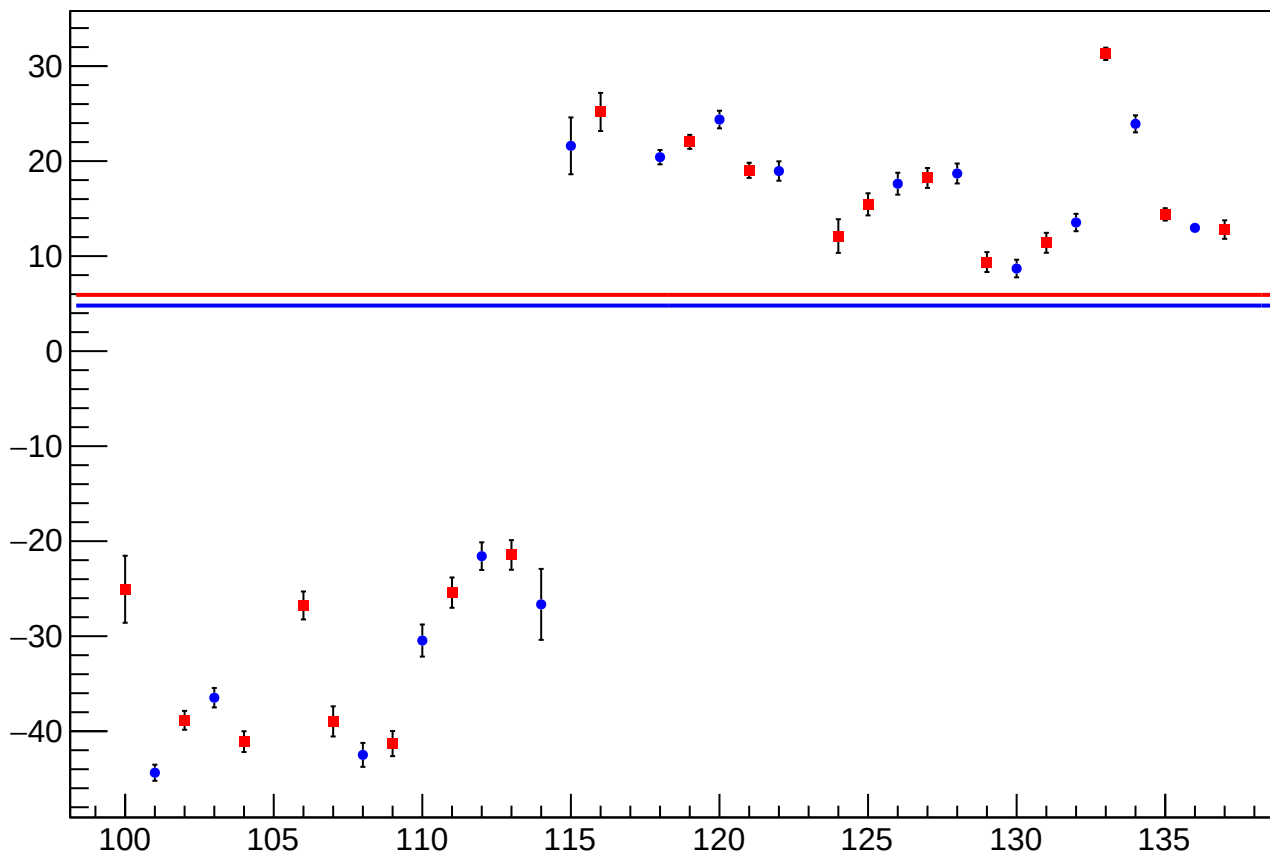
Right: 6.585 $\pm$ 0.148 χ^2 /NDF: 17354.6/34

In: 5.768 $\pm$ 0.210 χ^2 /NDF:8933.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.585 $\pm$ 0.148 χ^2 /NDF: 17354.6/34

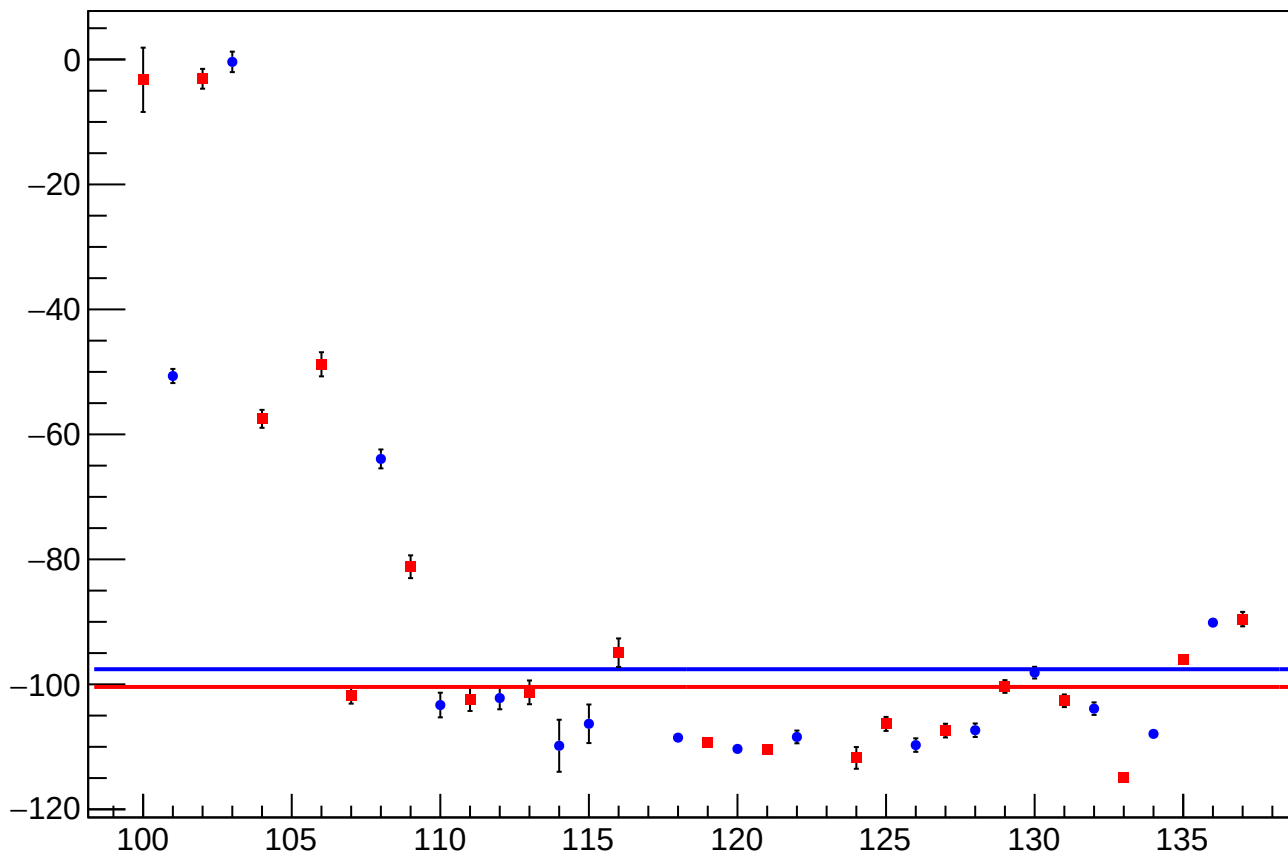
reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 4.794+/-0.237 χ^2/NDF : 9496.9/15
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: 5.921+/-0.240 χ^2/NDF : 10059.4/18
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 5.352+/-0.169 χ^2/NDF : 19567.4/34
 In: 4.794+/-0.237 χ^2/NDF :9496.9/15
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: 5.352+/-0.169 χ^2/NDF : 19567.4/34

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.581 ± 0.242 $\chi^2/\text{NDF}: 7144.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -100.418 ± 0.241 $\chi^2/\text{NDF}: 7115.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

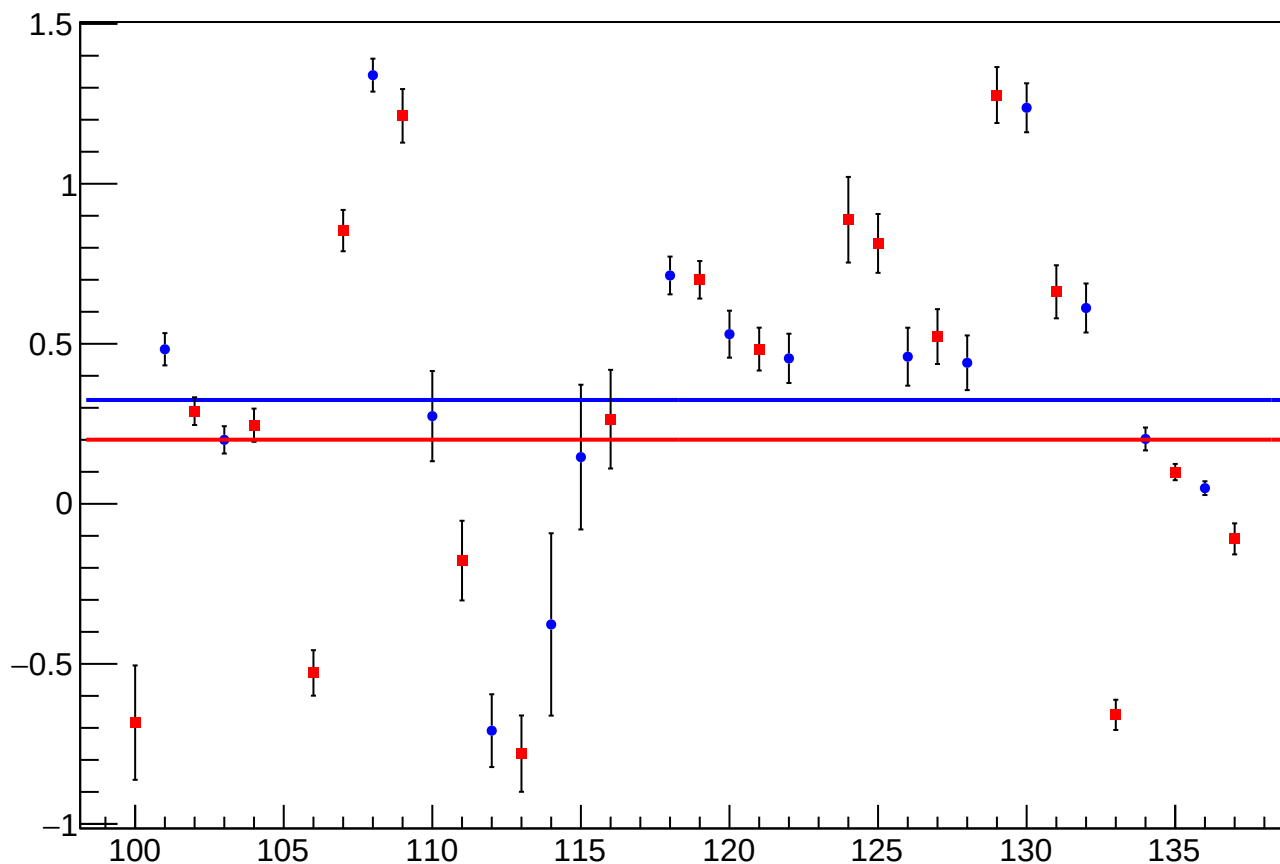
Right: -99.004 ± 0.171 $\chi^2/\text{NDF}: 14329.0/34$

In: -97.581 ± 0.242 $\chi^2/\text{NDF}: 7144.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -99.004 ± 0.171 $\chi^2/\text{NDF}: 14329.0/34$

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.324 $\pm$ 0.013 χ^2 /NDF: 886.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.200 $\pm$ 0.014 χ^2 /NDF: 1206.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

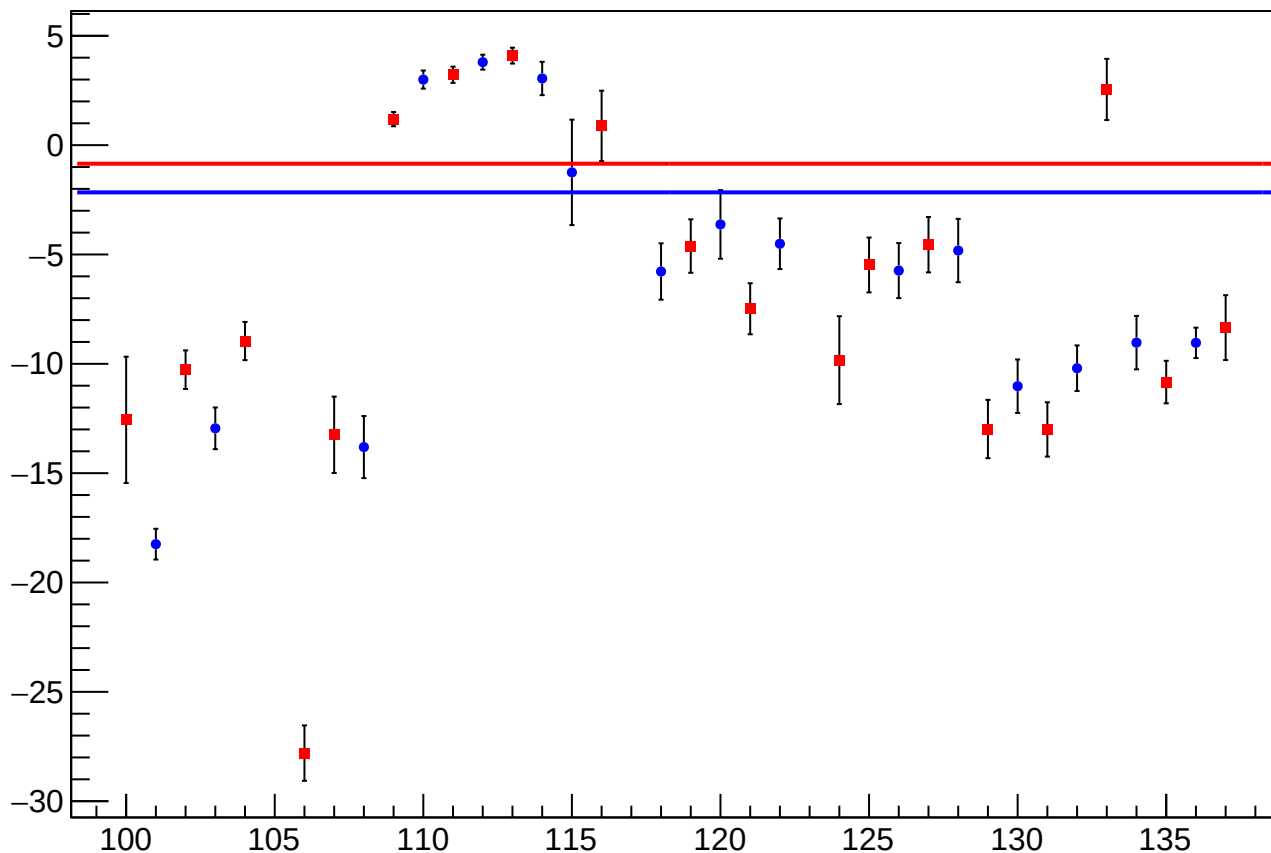
Right: 0.265 $\pm$ 0.010 χ^2 /NDF: 2134.6/34

In: 0.324 $\pm$ 0.013 χ^2 /NDF:886.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.265 $\pm$ 0.010 χ^2 /NDF: 2134.6/34

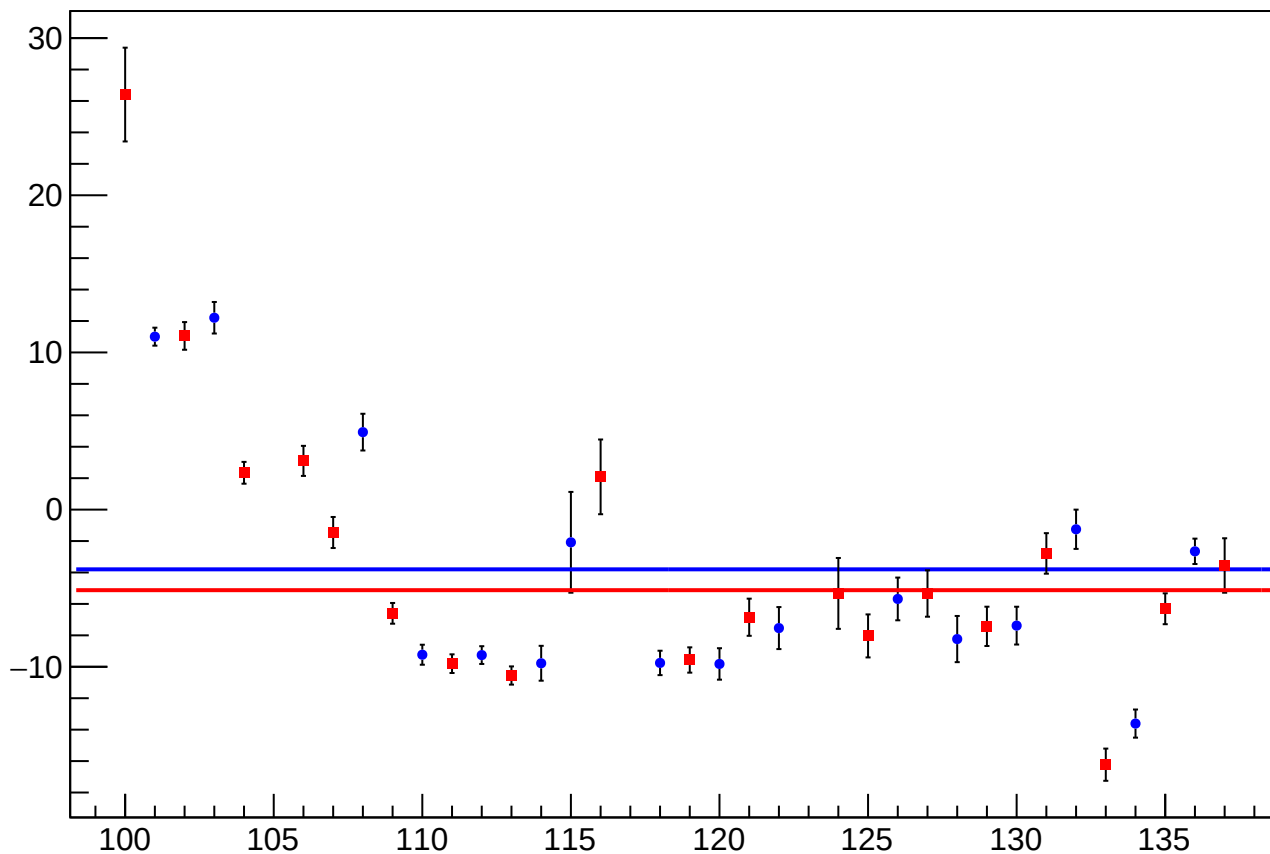
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -2.159+/-0.192 χ^2/NDF : 1491.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 Right Out: -0.848+/-0.170 χ^2/NDF : 1465.4/18
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.426+/-0.127 χ^2/NDF : 2982.5/34
 In: -2.159+/-0.192 χ^2/NDF :1491.0/15
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.426+/-0.127 χ^2/NDF : 2982.5/34

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.800 ± 0.226 χ^2/NDF : 1425.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.126 ± 0.219 χ^2/NDF : 980.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

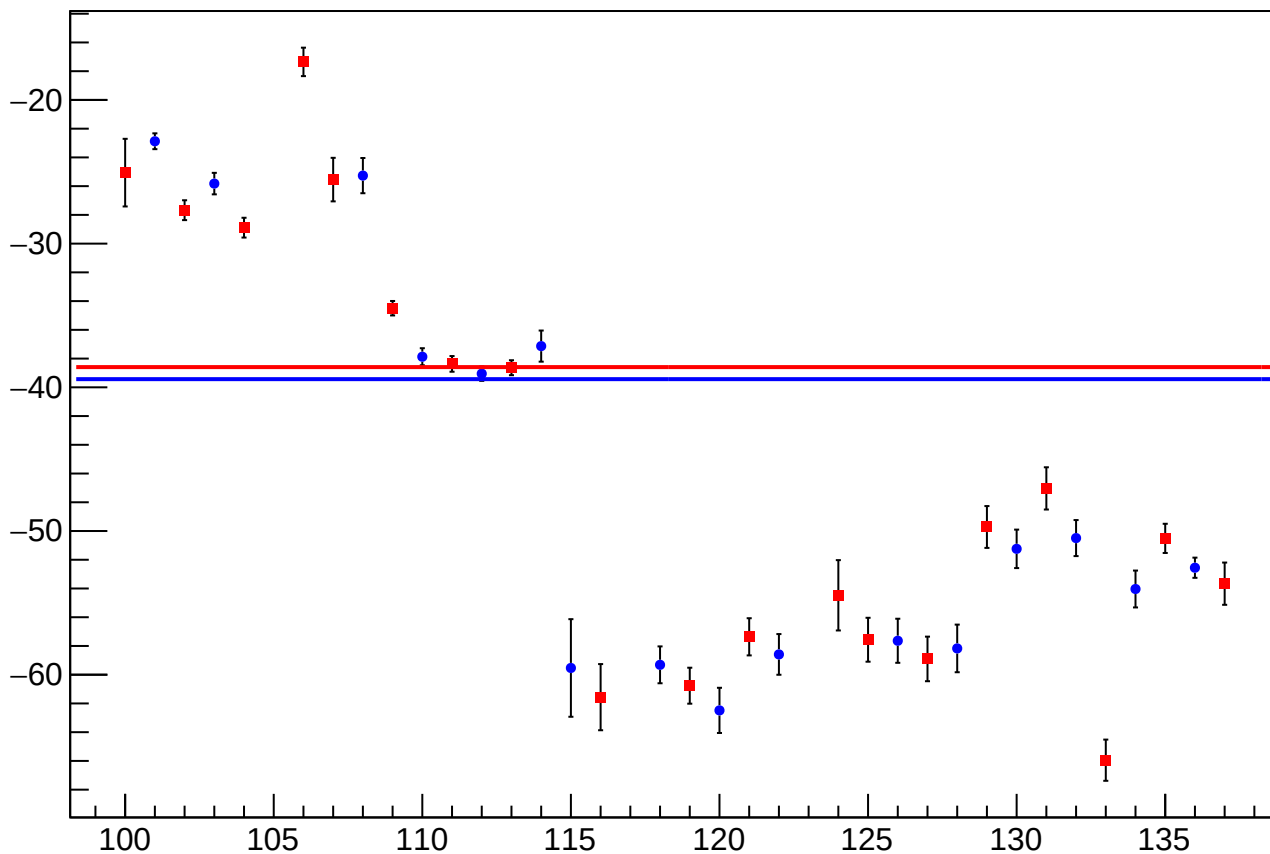
Right: -4.484 ± 0.157 χ^2/NDF : 2423.8/34

In: -3.800 ± 0.226 χ^2/NDF : 1425.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.484 ± 0.157 χ^2/NDF : 2423.8/34

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -39.431 ± 0.225 χ^2/NDF : 2958.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.593 ± 0.213 χ^2/NDF : 2772.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

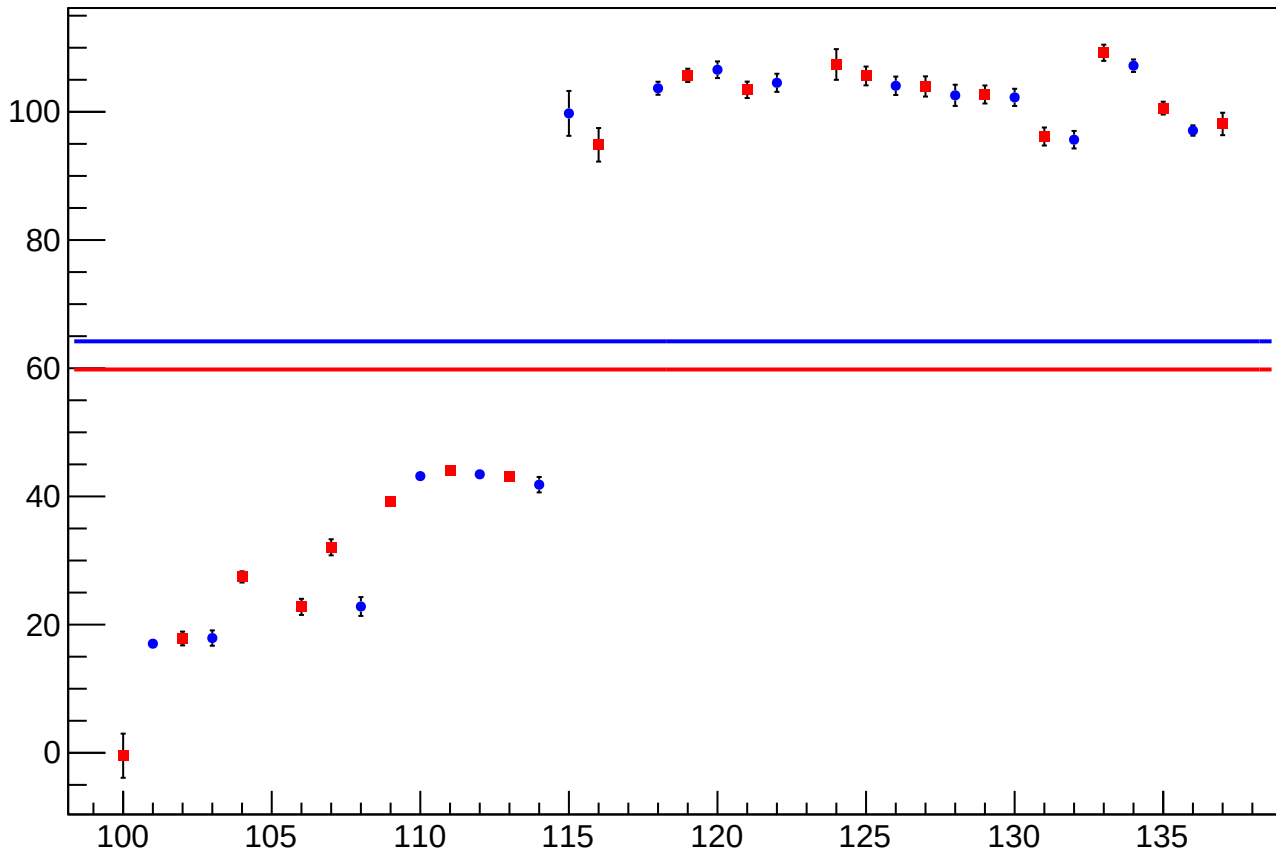
Right: -38.987 ± 0.155 χ^2/NDF : 5737.6/34

In: -39.431 ± 0.225 χ^2/NDF : 2958.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.987 ± 0.155 χ^2/NDF : 5737.6/34

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 64.196+/-0.258 χ^2/NDF : 18596.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.805+/-0.249 χ^2/NDF : 17431.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

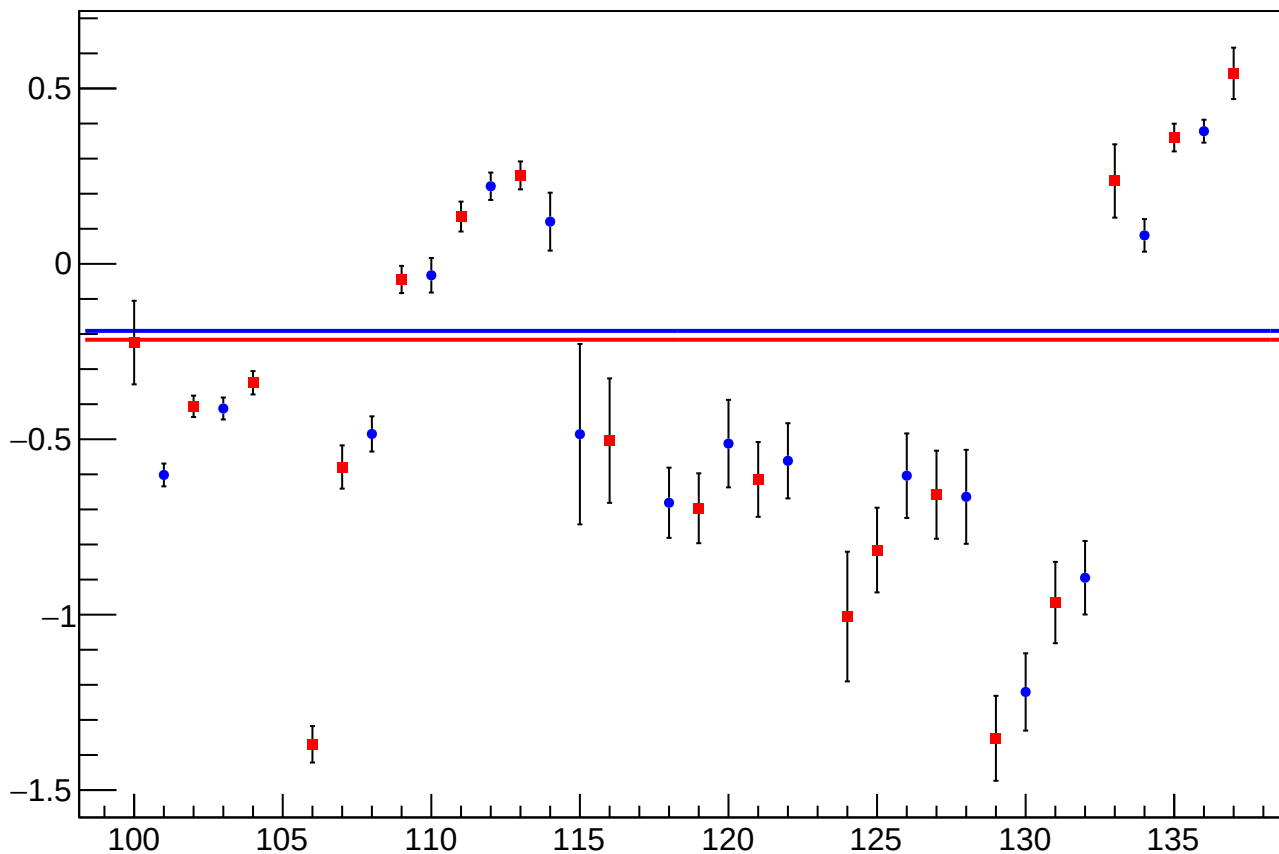
Right: 61.924+/-0.179 χ^2/NDF : 36178.0/34

In: 64.196+/-0.258 χ^2/NDF : 18596.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.924+/-0.179 χ^2/NDF : 36178.0/34

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.191 ± 0.013 χ^2/NDF : 918.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.216 ± 0.013 χ^2/NDF : 1368.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

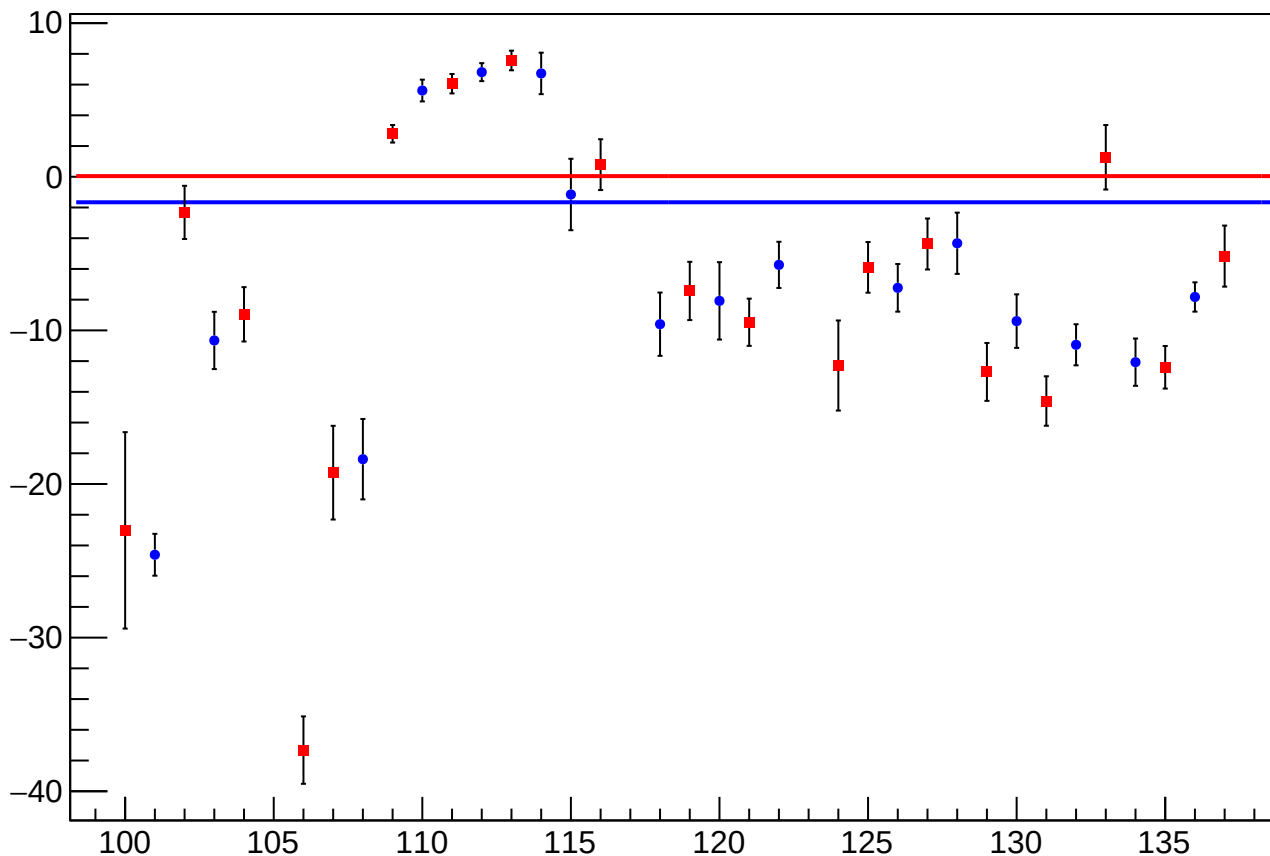
Right: -0.204 ± 0.009 χ^2/NDF : 2288.3/34

In: -0.191 ± 0.013 χ^2/NDF : 918.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.204 ± 0.009 χ^2/NDF : 2288.3/34

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.661+/-0.308 χ^2/NDF : 900.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.042+/-0.282 χ^2/NDF : 931.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

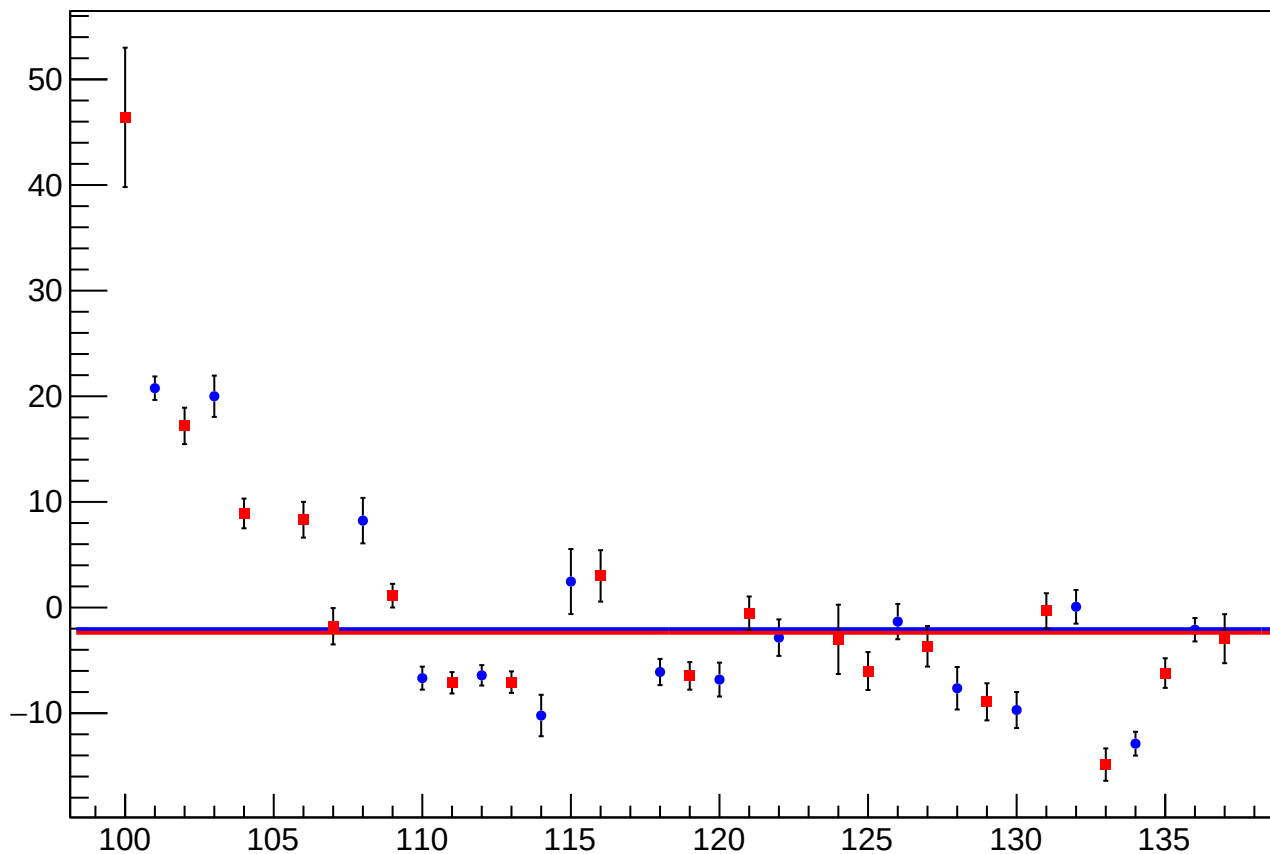
Right: -0.734+/-0.208 χ^2/NDF : 1848.1/34

In: -1.661+/-0.308 χ^2/NDF :900.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.734+/-0.208 χ^2/NDF : 1848.1/34

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.050 ± 0.356 χ^2/NDF : 771.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.386 ± 0.355 χ^2/NDF : 450.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

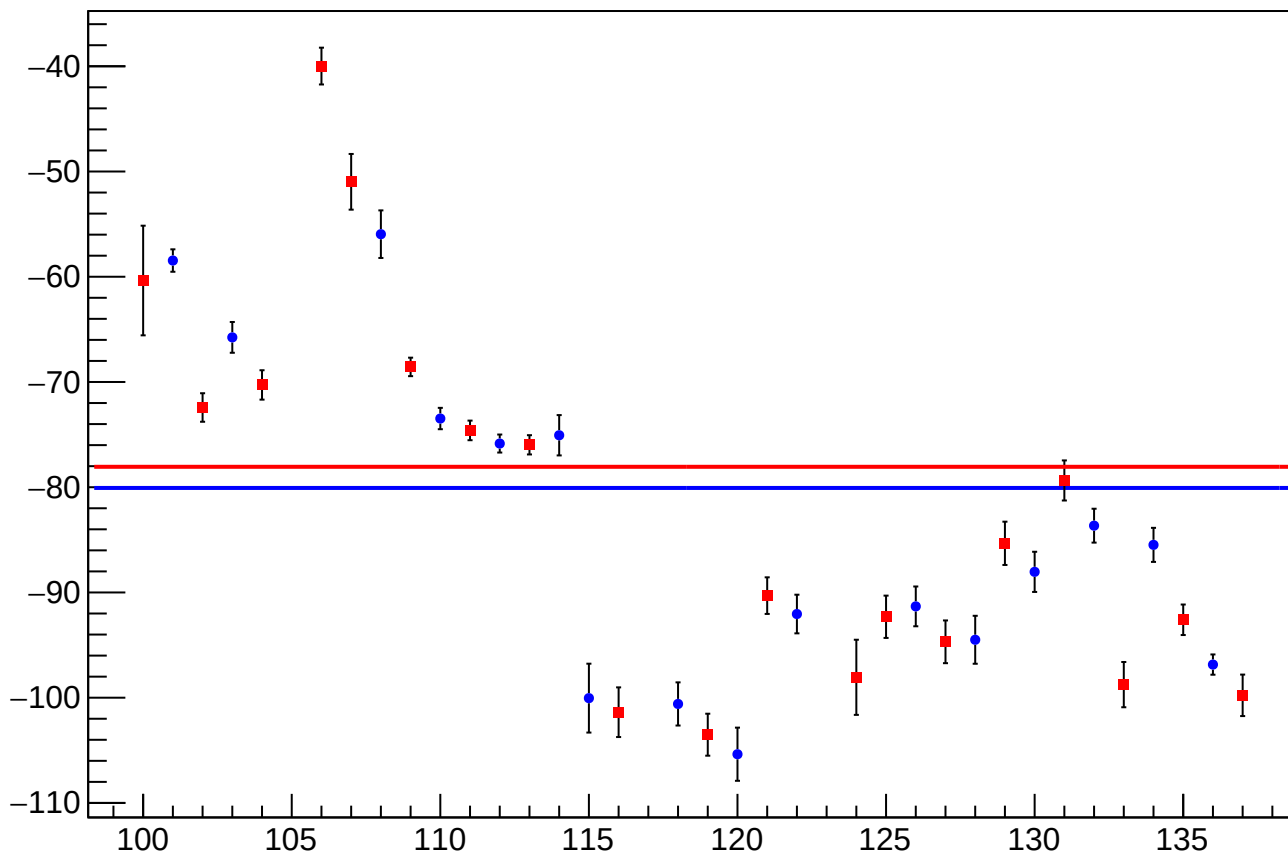
Right: -2.218 ± 0.252 χ^2/NDF : 1223.3/34

In: -2.050 ± 0.356 χ^2/NDF : 771.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.218 ± 0.252 χ^2/NDF : 1223.3/34

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -80.069+/-0.364 χ^2/NDF : 1387.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.059+/-0.354 χ^2/NDF : 1561.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

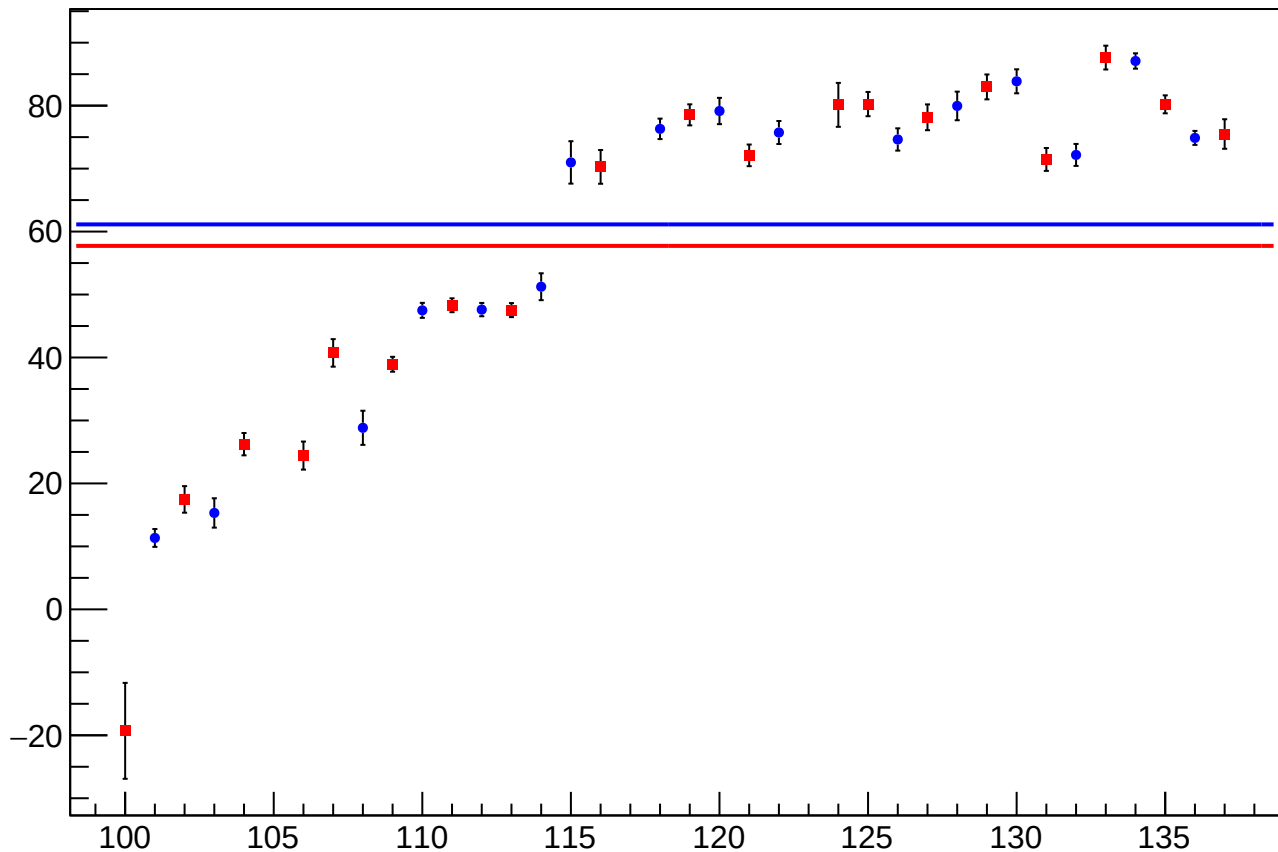
Right: -79.033+/-0.254 χ^2/NDF : 2964.1/34

In: -80.069+/-0.364 χ^2/NDF : 1387.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.033+/-0.254 χ^2/NDF : 2964.1/34

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 61.139+/-0.401 χ^2 /NDF: 3229.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 57.728+/-0.400 χ^2 /NDF: 2775.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

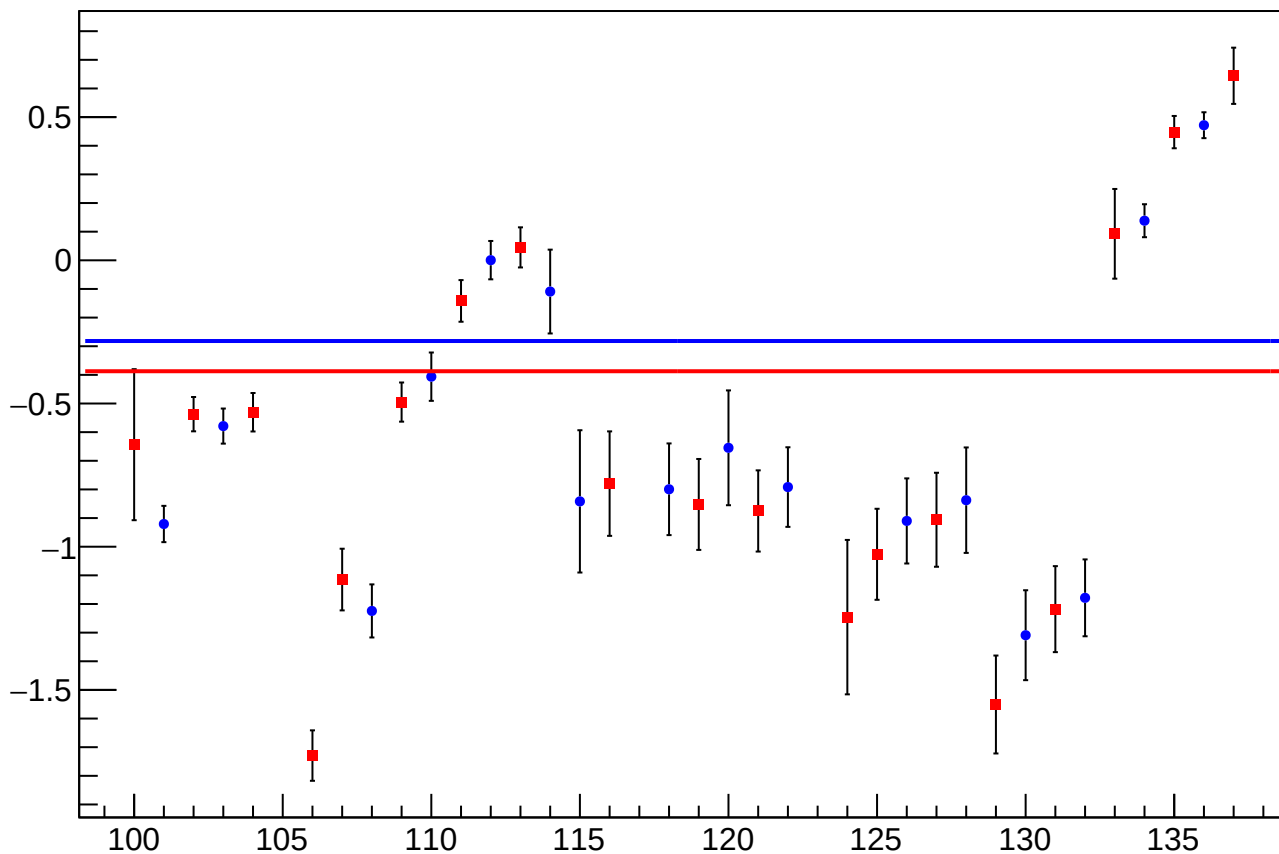
Right: 59.431+/-0.283 χ^2 /NDF: 6041.2/34

In: 61.139+/-0.401 χ^2 /NDF:3229.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 59.431+/-0.283 χ^2 /NDF: 6041.2/34

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.282 ± 0.022 χ^2/NDF : 728.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.387 ± 0.022 χ^2/NDF : 818.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

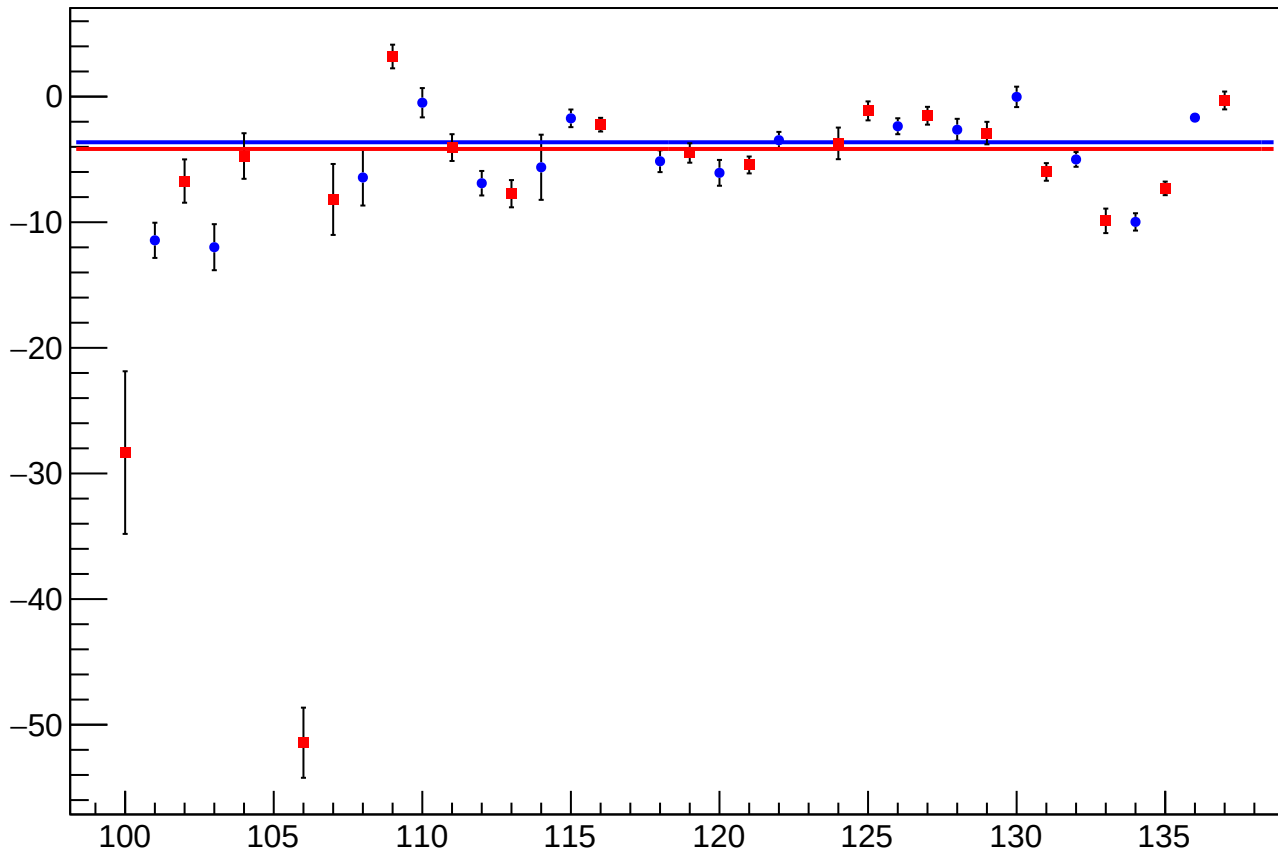
Right: -0.334 ± 0.015 χ^2/NDF : 1558.7/34

In: -0.282 ± 0.022 χ^2/NDF : 728.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.334 ± 0.015 χ^2/NDF : 1558.7/34

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.634 ± 0.189 χ^2/NDF : 234.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.167 ± 0.199 χ^2/NDF : 529.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

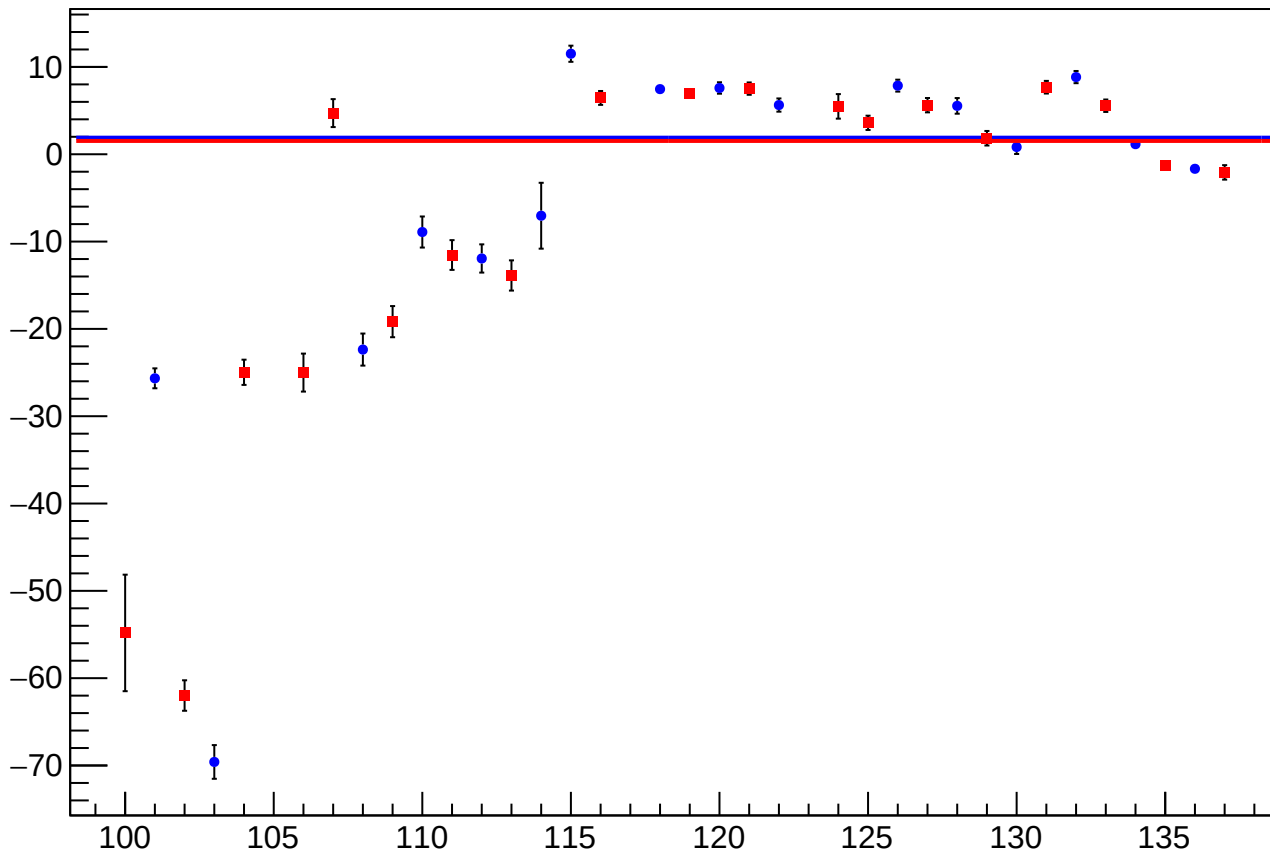
Right: -3.886 ± 0.137 χ^2/NDF : 768.2/34

In: -3.634 ± 0.189 χ^2/NDF : 234.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.886 ± 0.137 χ^2/NDF : 768.2/34

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.898+/-0.189 χ^2/NDF : 2838.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.525+/-0.208 χ^2/NDF : 2559.8/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

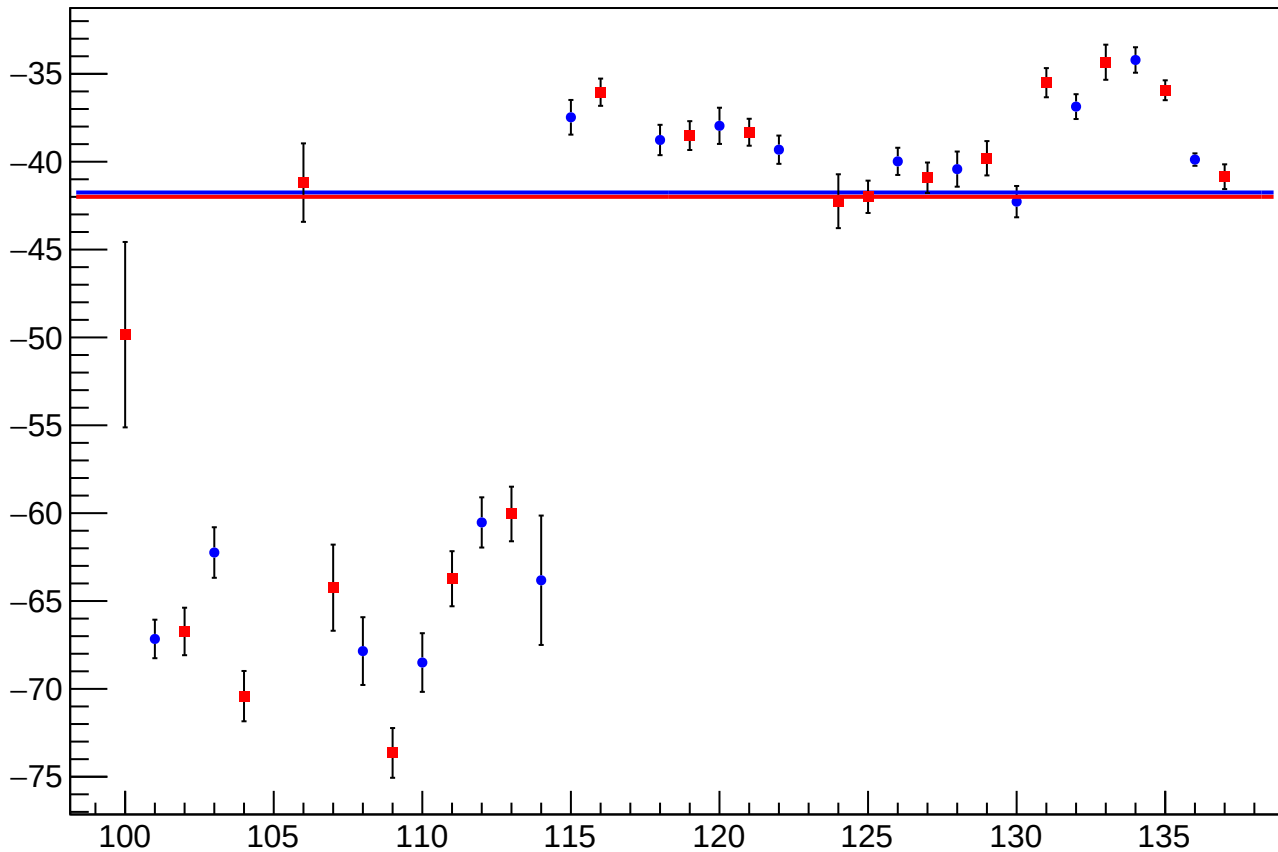
Right: 1.730+/-0.140 χ^2/NDF : 5399.7/34

In: 1.898+/-0.189 χ^2/NDF :2838.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.730+/-0.140 χ^2/NDF : 5399.7/34

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -41.751+/-0.208 χ^2/NDF : 1633.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -41.999+/-0.228 χ^2/NDF : 1985.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

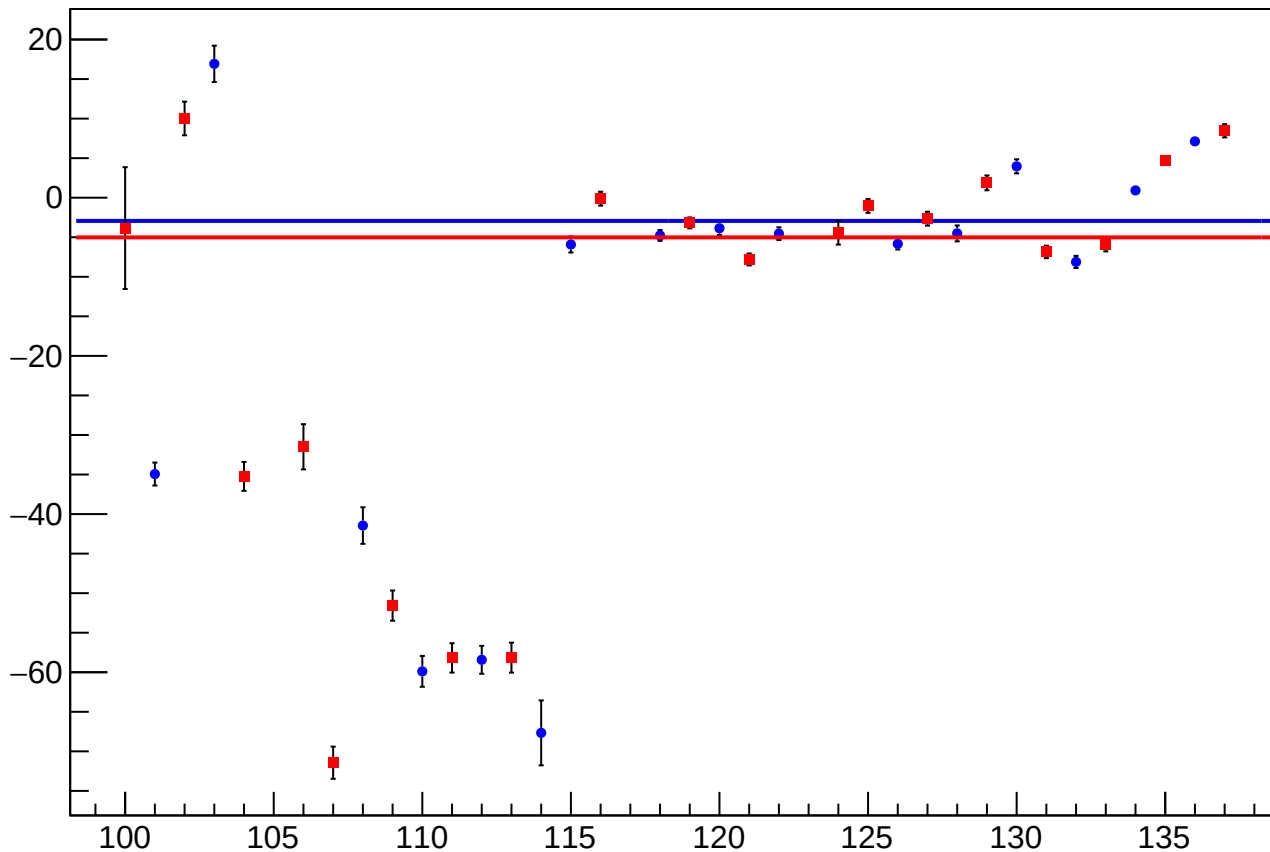
Right: -41.863+/-0.154 χ^2/NDF : 3619.8/34

In: -41.751+/-0.208 χ^2/NDF : 1633.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.863+/-0.154 χ^2/NDF : 3619.8/34

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -2.936 ± 0.210 χ^2/NDF : 3725.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.018 ± 0.232 χ^2/NDF : 4377.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

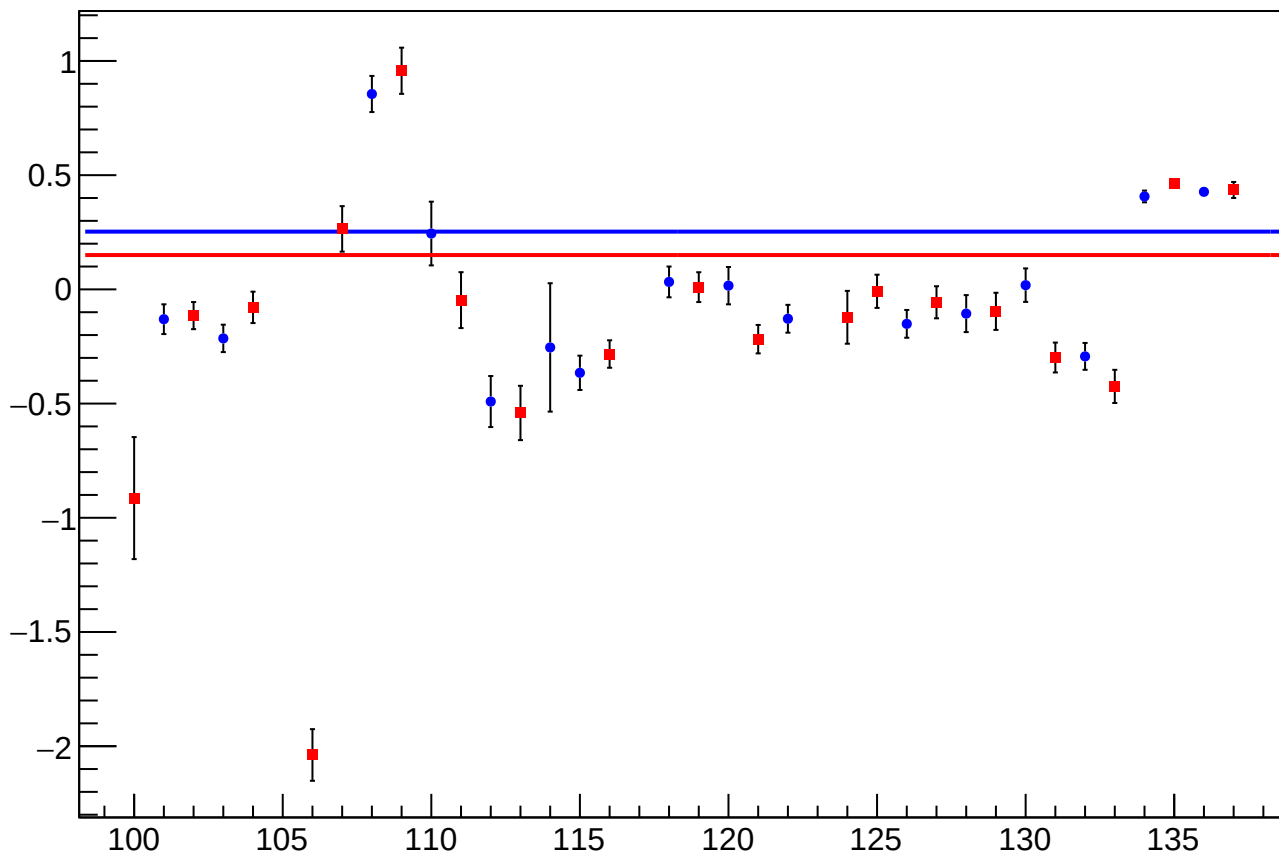
Right: -3.873 ± 0.155 χ^2/NDF : 8147.2/34

In: -2.936 ± 0.210 χ^2/NDF : 3725.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.873 ± 0.155 χ^2/NDF : 8147.2/34

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.253+/-0.011 χ^2/NDF : 631.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.150+/-0.013 χ^2/NDF : 1018.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

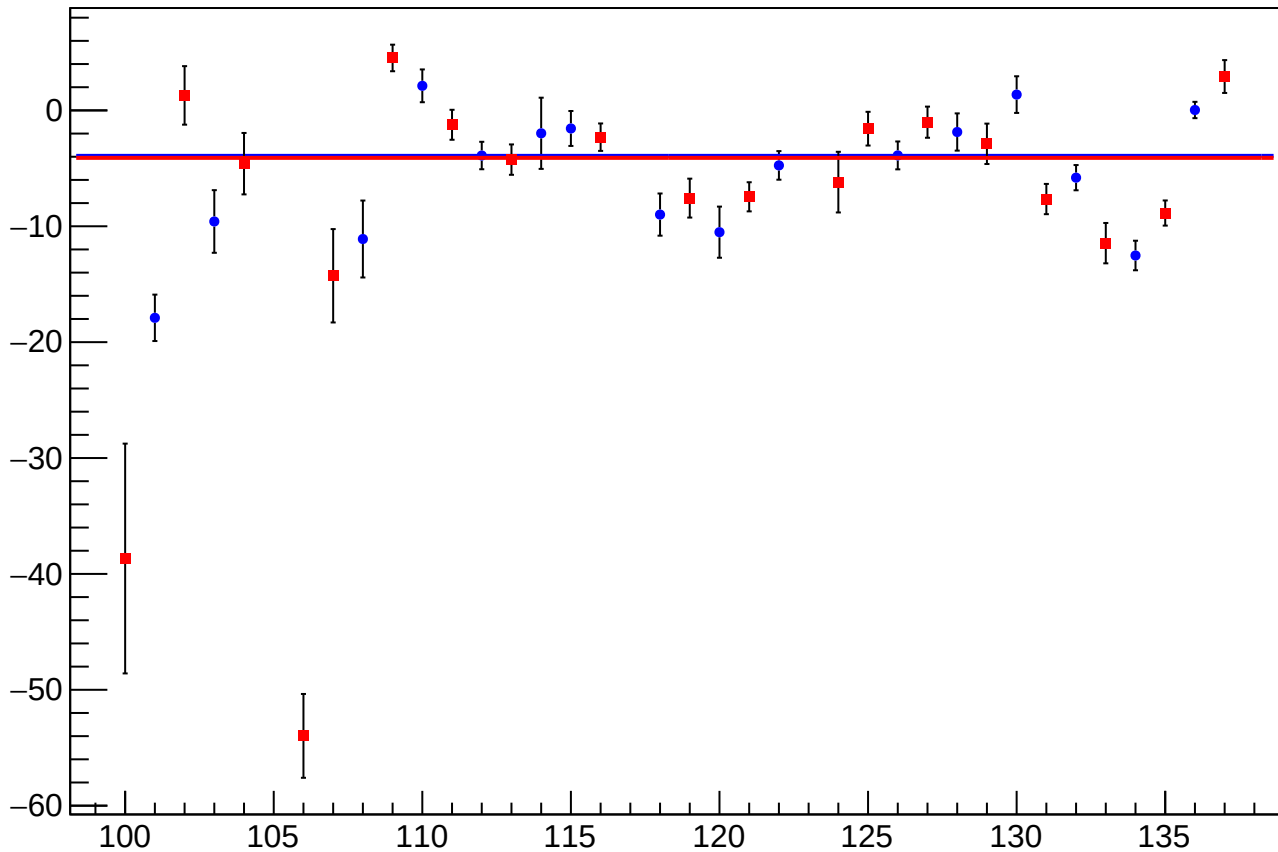
Right: 0.209+/-0.009 χ^2/NDF : 1682.8/34

In: 0.253+/-0.011 χ^2/NDF : 631.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.209+/-0.009 χ^2/NDF : 1682.8/34

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -3.924 ± 0.346 χ^2/NDF : 188.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.096 ± 0.357 χ^2/NDF : 366.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

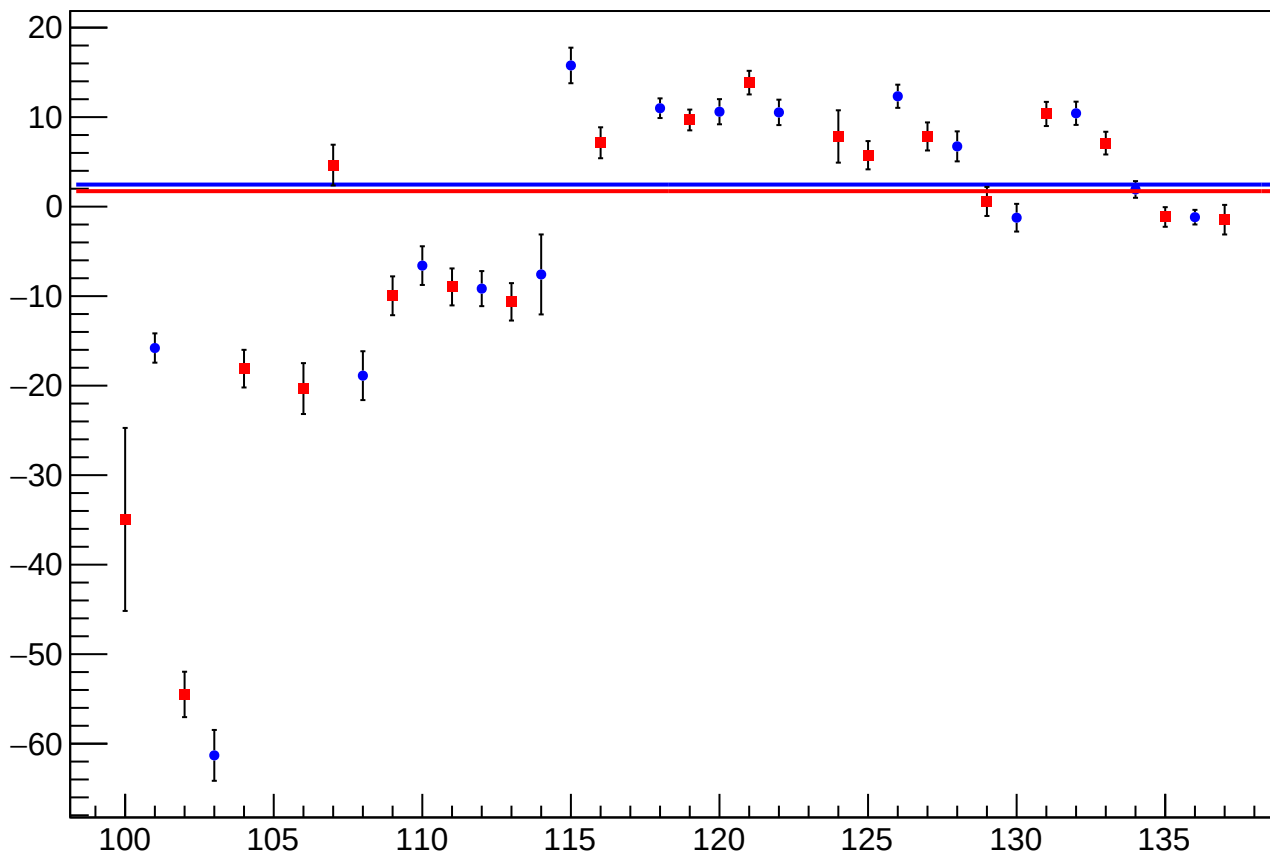
Right: -4.007 ± 0.248 χ^2/NDF : 555.8/34

In: -3.924 ± 0.346 χ^2/NDF : 188.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.007 ± 0.248 χ^2/NDF : 555.8/34

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.465+/-0.357 χ^2/NDF : 1046.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.728+/-0.386 χ^2/NDF : 983.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

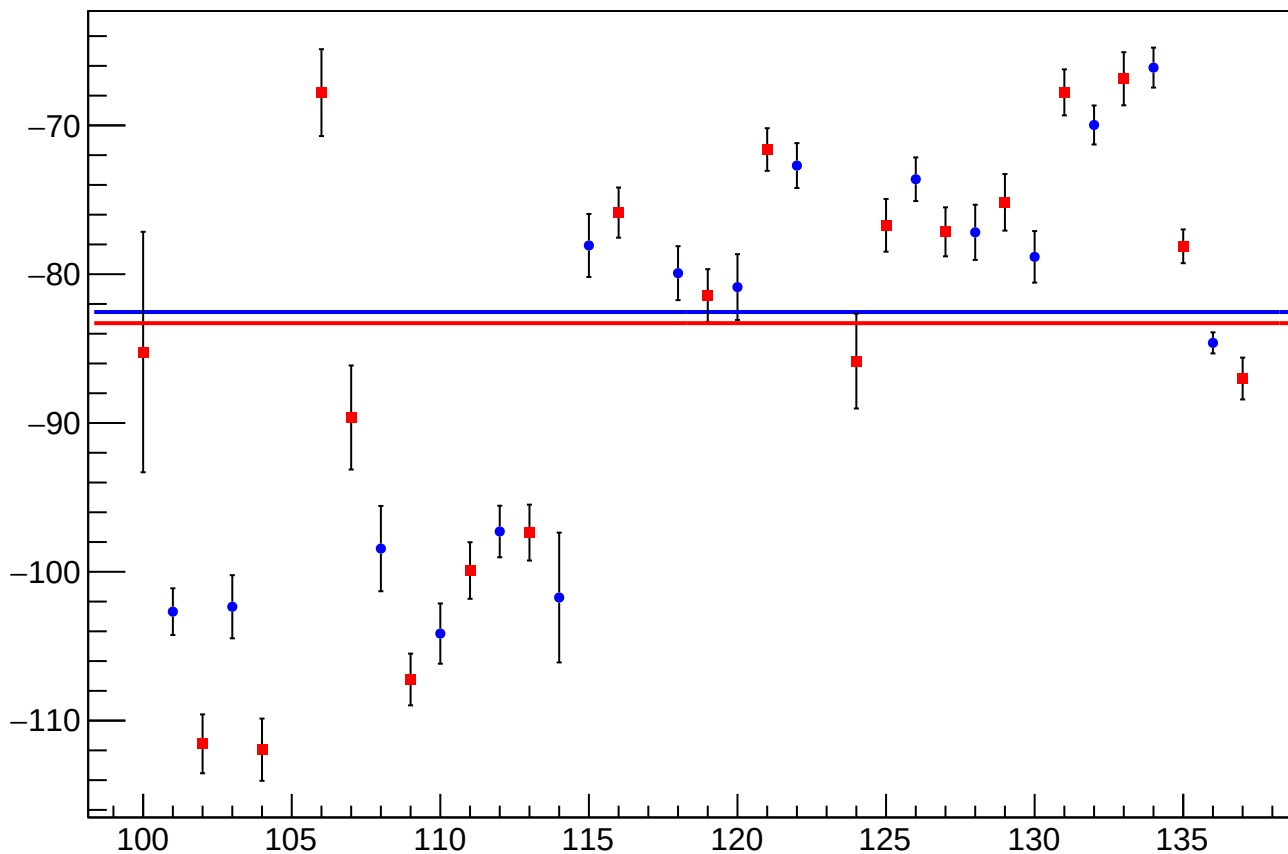
Right: 2.126+/-0.262 χ^2/NDF : 2031.8/34

In: 2.465+/-0.357 χ^2/NDF : 1046.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.126+/-0.262 χ^2/NDF : 2031.8/34

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.542 $\pm$ 0.384 χ^2 /NDF: 838.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -83.290 $\pm$ 0.414 χ^2 /NDF: 1092.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

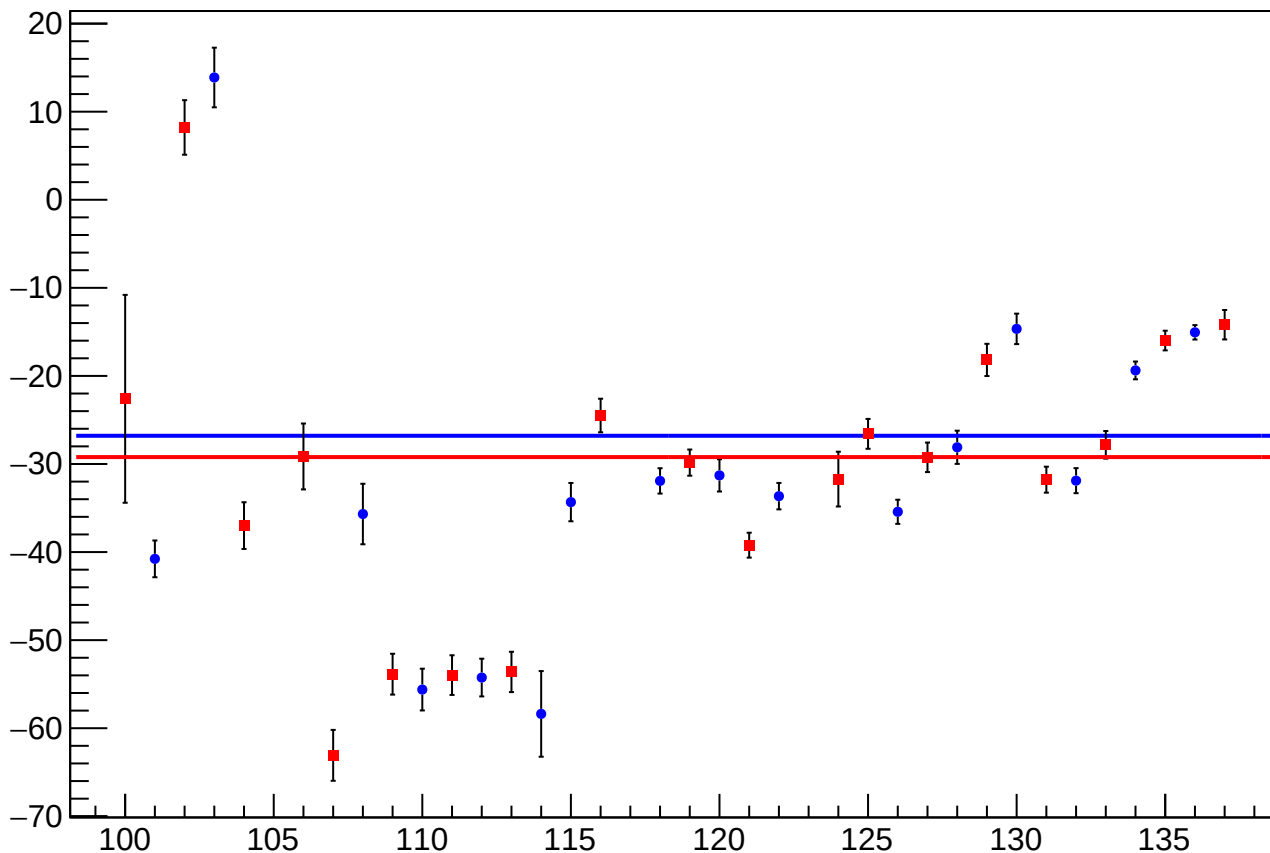
Right: -82.888 $\pm$ 0.282 χ^2 /NDF: 1933.1/34

In: -82.542 $\pm$ 0.384 χ^2 /NDF:838.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -82.888 $\pm$ 0.282 χ^2 /NDF: 1933.1/34

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -26.796 ± 0.396 χ^2/NDF : 963.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.216 ± 0.431 χ^2/NDF : 960.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

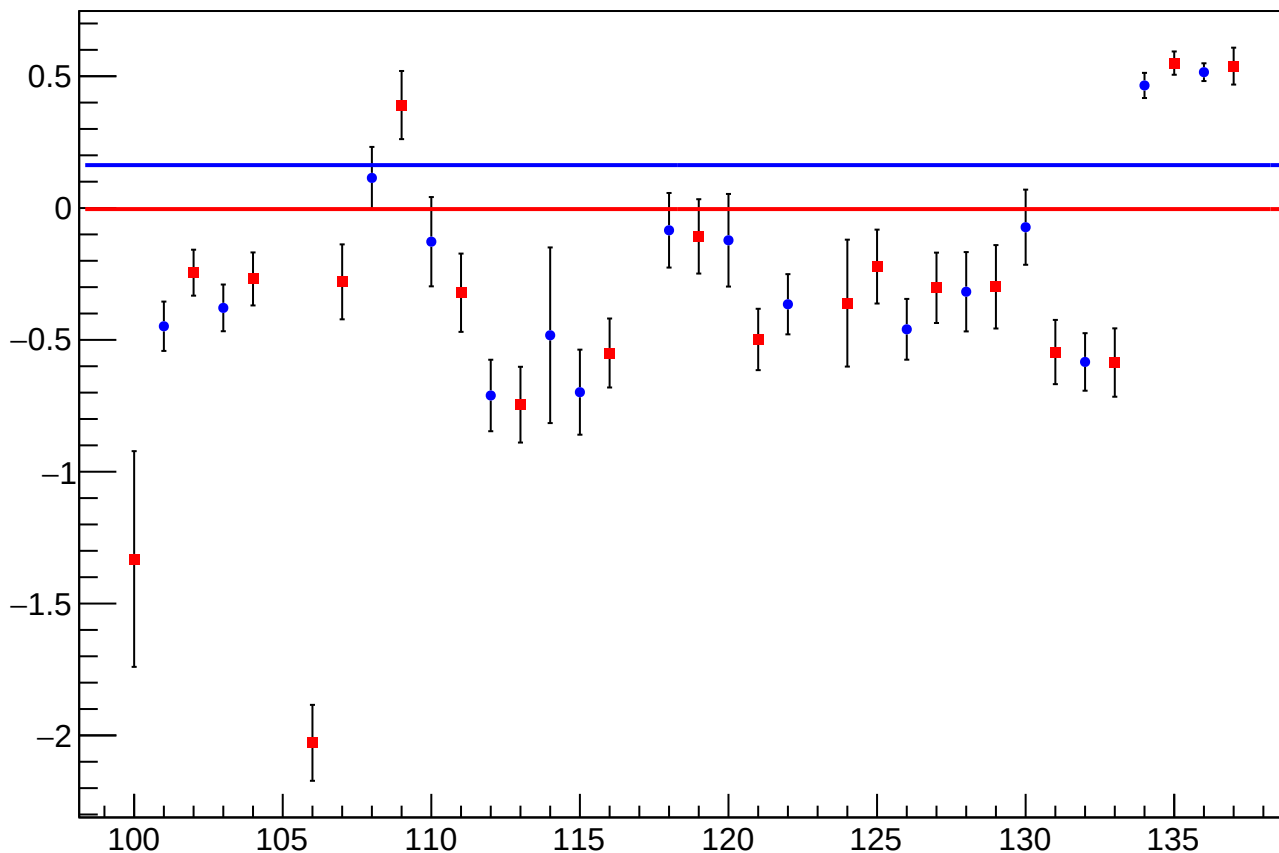
Right: -27.902 ± 0.291 χ^2/NDF : 1941.2/34

In: -26.796 ± 0.396 χ^2/NDF : 963.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.902 ± 0.291 χ^2/NDF : 1941.2/34

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.163 $\pm$ 0.021 χ^2 /NDF: 422.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.004 $\pm$ 0.024 χ^2 /NDF: 573.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

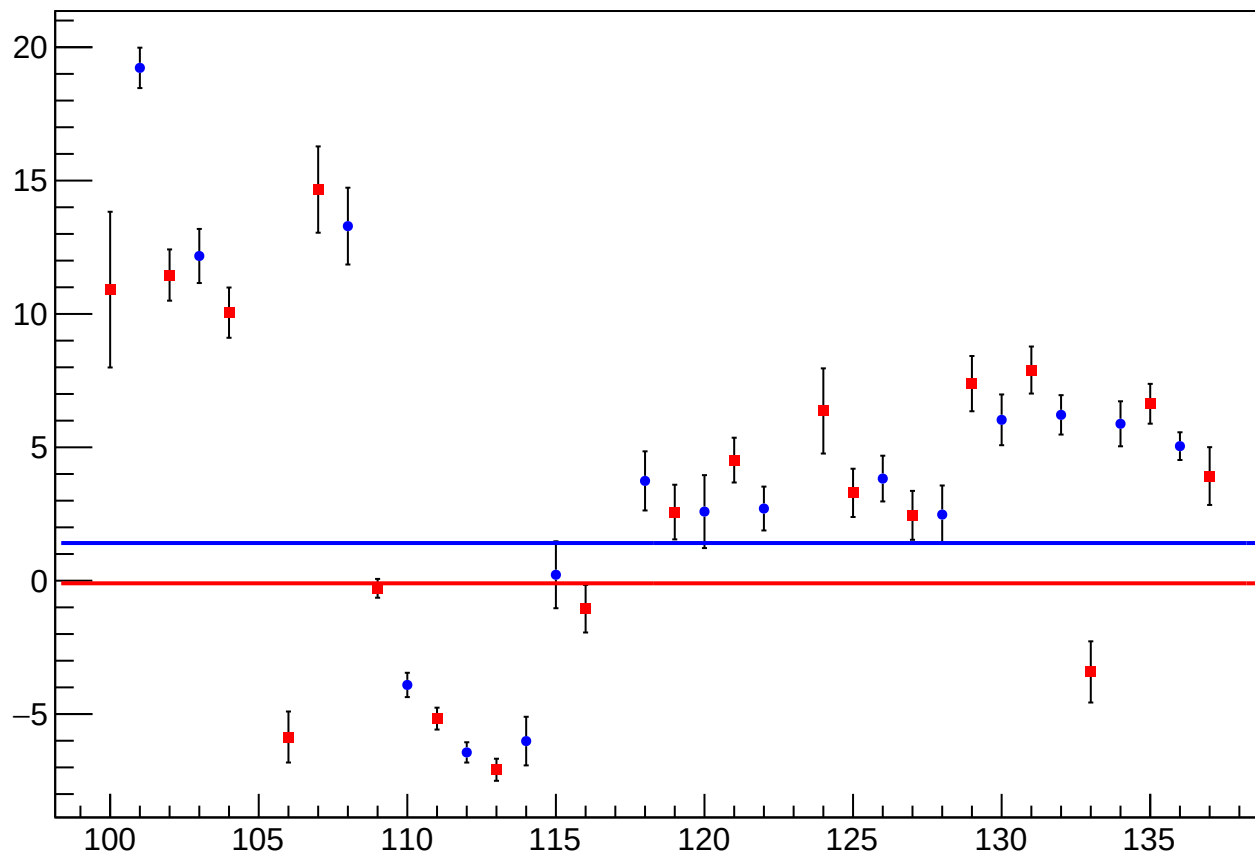
Right: 0.090 $\pm$ 0.016 χ^2 /NDF: 1022.3/34

In: 0.163 $\pm$ 0.021 χ^2 /NDF:422.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.090 $\pm$ 0.016 χ^2 /NDF: 1022.3/34

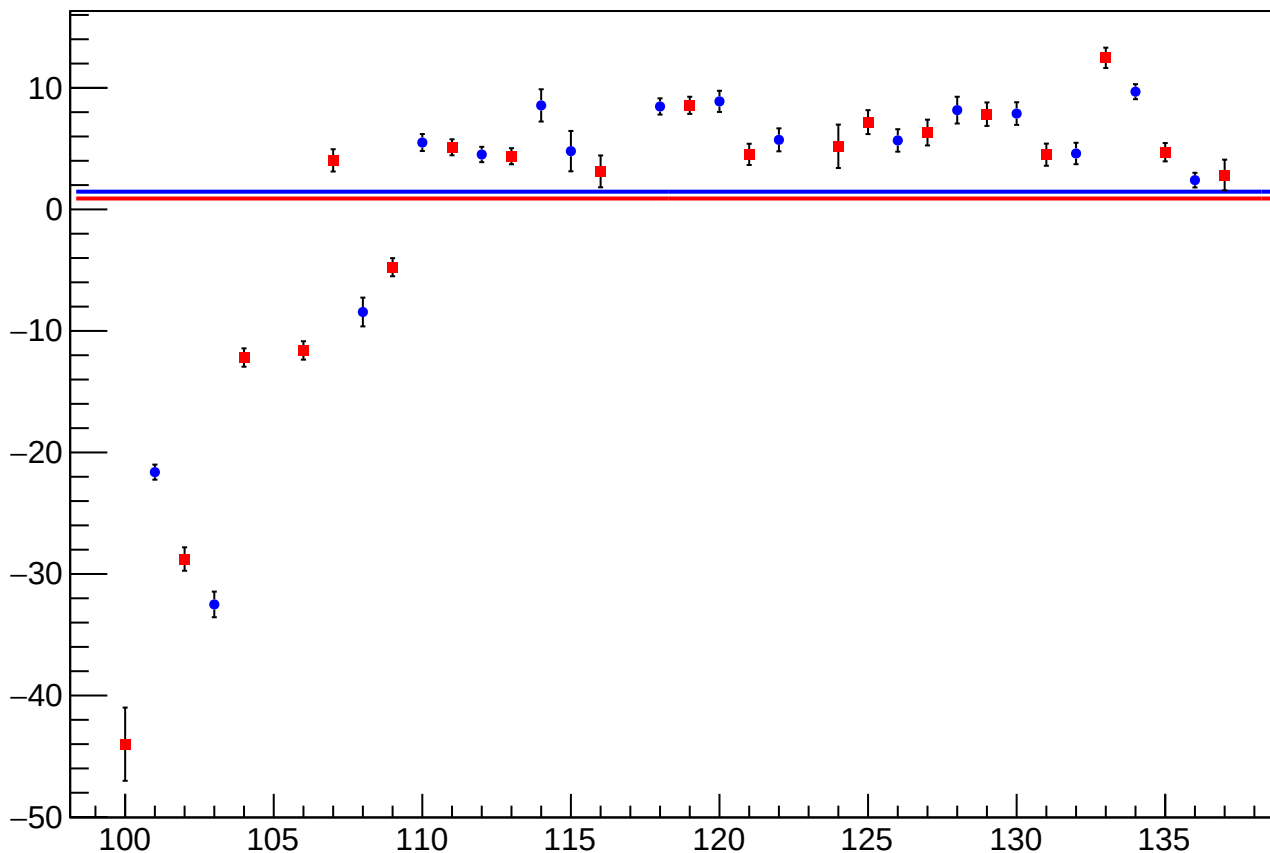
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 1.412 $\pm$ 0.183 χ^2 /NDF: 1522.1/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -0.098 $\pm$ 0.167 χ^2 /NDF: 1147.2/18
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 0.589 $\pm$ 0.124 χ^2 /NDF: 2706.4/34
 In: 1.412 $\pm$ 0.183 χ^2 /NDF:1522.1/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 0.589 $\pm$ 0.124 χ^2 /NDF: 2706.4/34

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.459+/-0.203 χ^2/NDF : 3080.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.896+/-0.202 χ^2/NDF : 2377.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

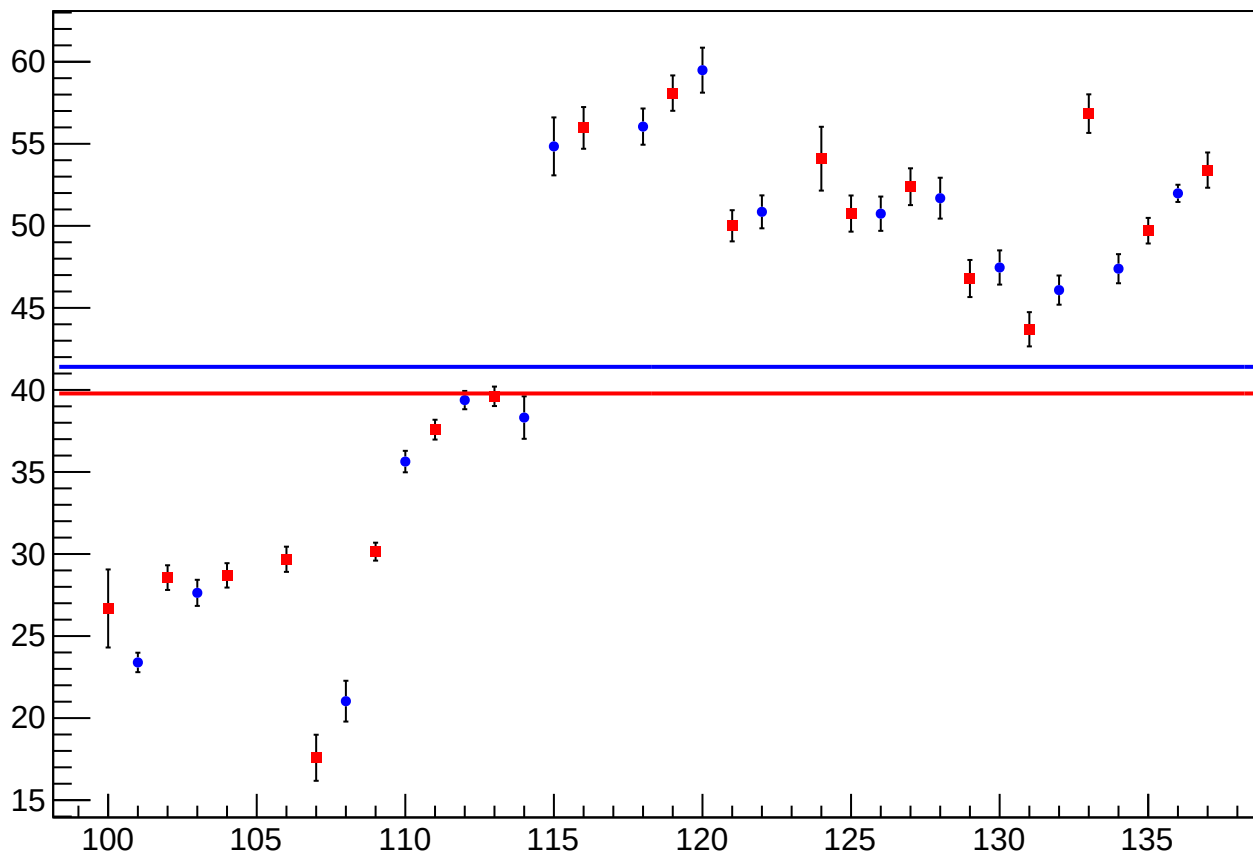
Right: 1.176+/-0.143 χ^2/NDF : 5461.2/34

In: 1.459+/-0.203 χ^2/NDF : 3080.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.176+/-0.143 χ^2/NDF : 5461.2/34

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 41.407+/-0.211 χ^2/NDF : 2746.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.784+/-0.203 χ^2/NDF : 2653.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

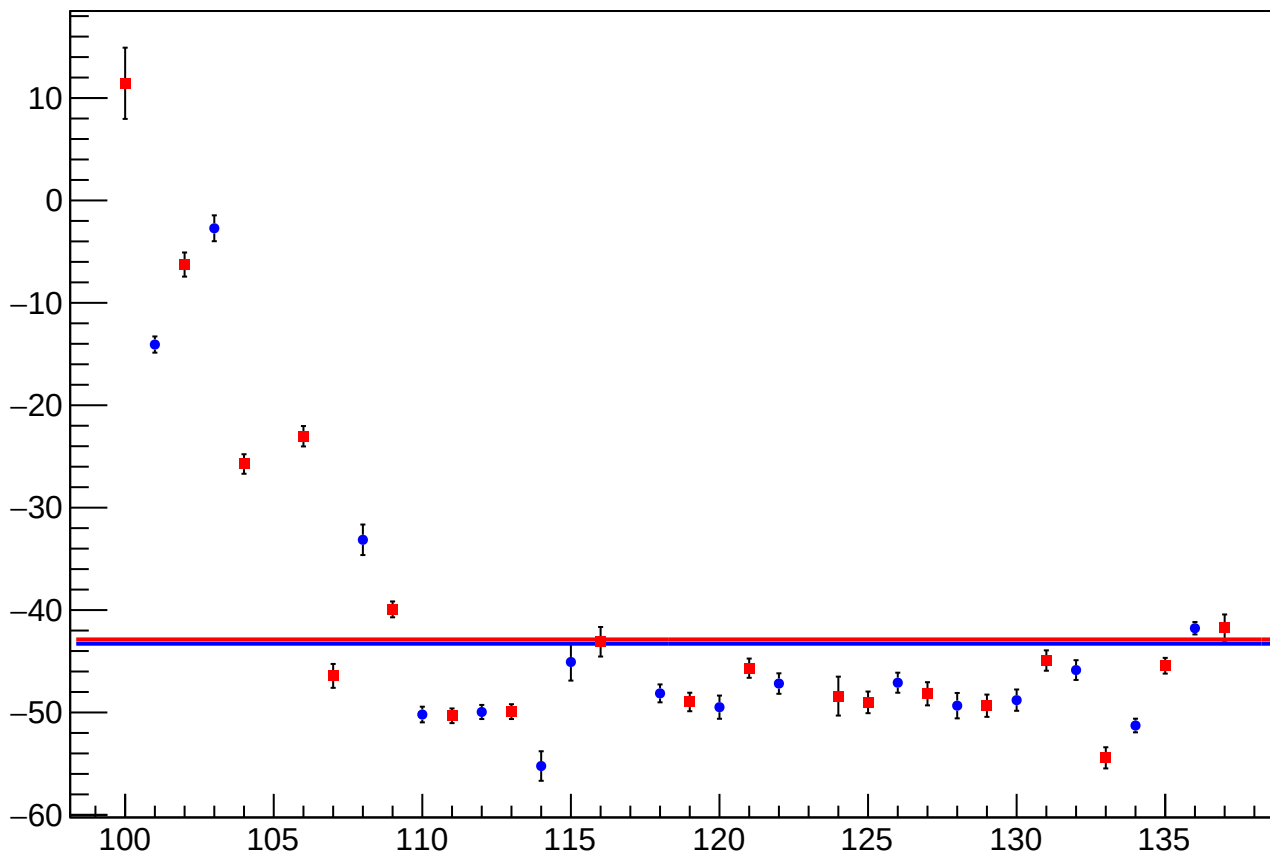
Right: 40.565+/-0.146 χ^2/NDF : 5430.6/34

In: 41.407+/-0.211 χ^2/NDF : 2746.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.565+/-0.146 χ^2/NDF : 5430.6/34

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.285 $\pm$ 0.229 χ^2 /NDF: 2985.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -42.867 $\pm$ 0.229 χ^2 /NDF: 2454.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

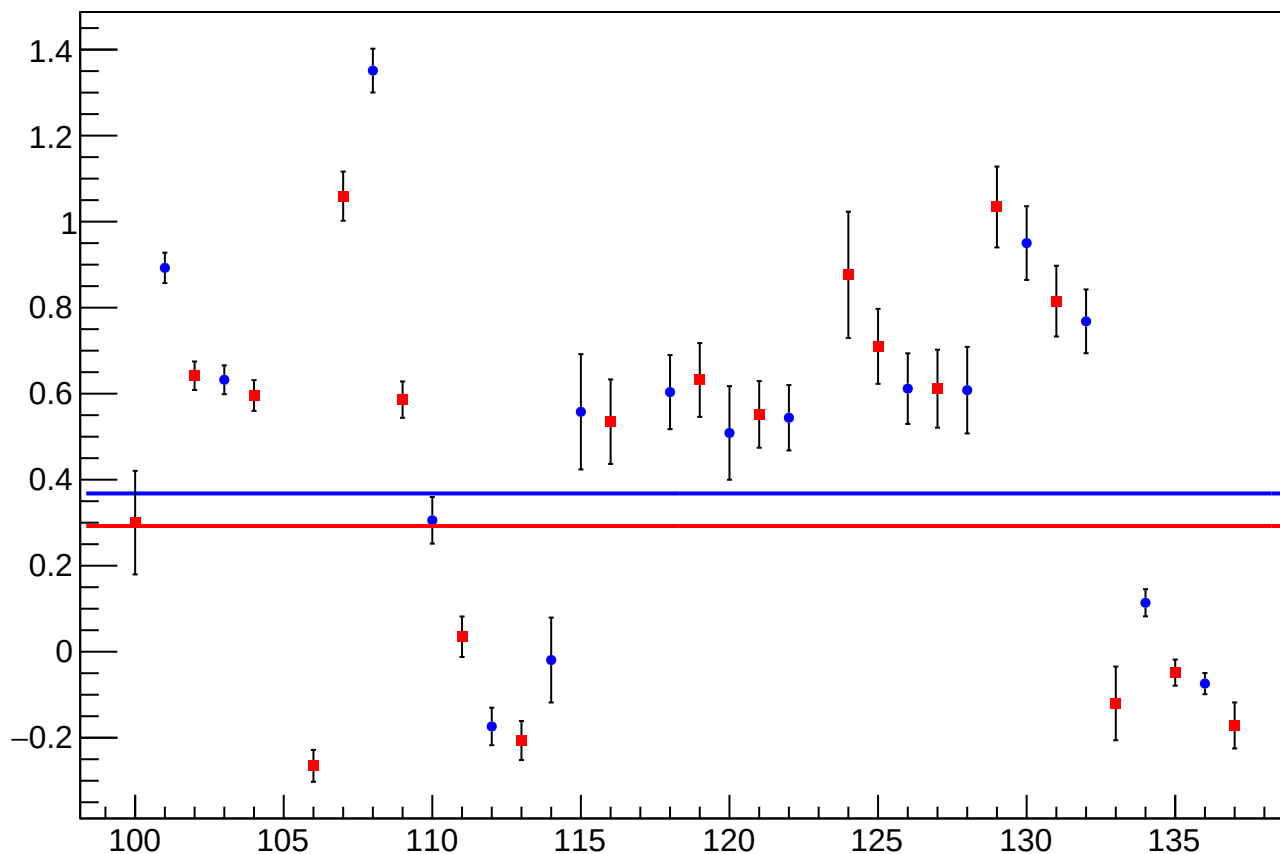
Right: -43.076 $\pm$ 0.162 χ^2 /NDF: 5441.1/34

In: -43.285 $\pm$ 0.229 χ^2 /NDF:2985.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.076 $\pm$ 0.162 χ^2 /NDF: 5441.1/34

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.368 $\pm$ 0.012 χ^2 /NDF: 1320.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.292 $\pm$ 0.012 χ^2 /NDF: 1199.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

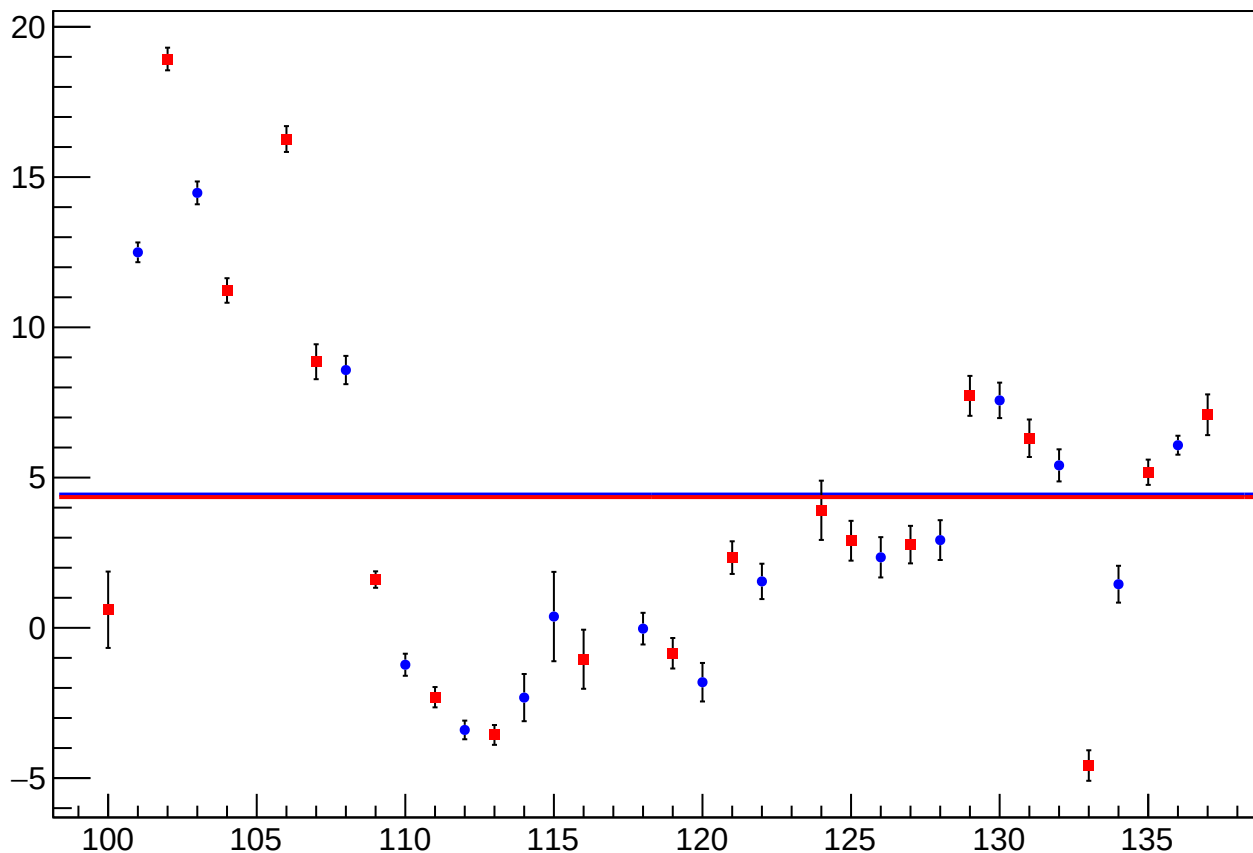
Right: 0.330 $\pm$ 0.009 χ^2 /NDF: 2539.6/34

In: 0.368 $\pm$ 0.012 χ^2 /NDF:1320.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.330 $\pm$ 0.009 χ^2 /NDF: 2539.6/34

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 4.435+/-0.117 χ^2/NDF : 2622.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.351+/-0.109 χ^2/NDF : 4205.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

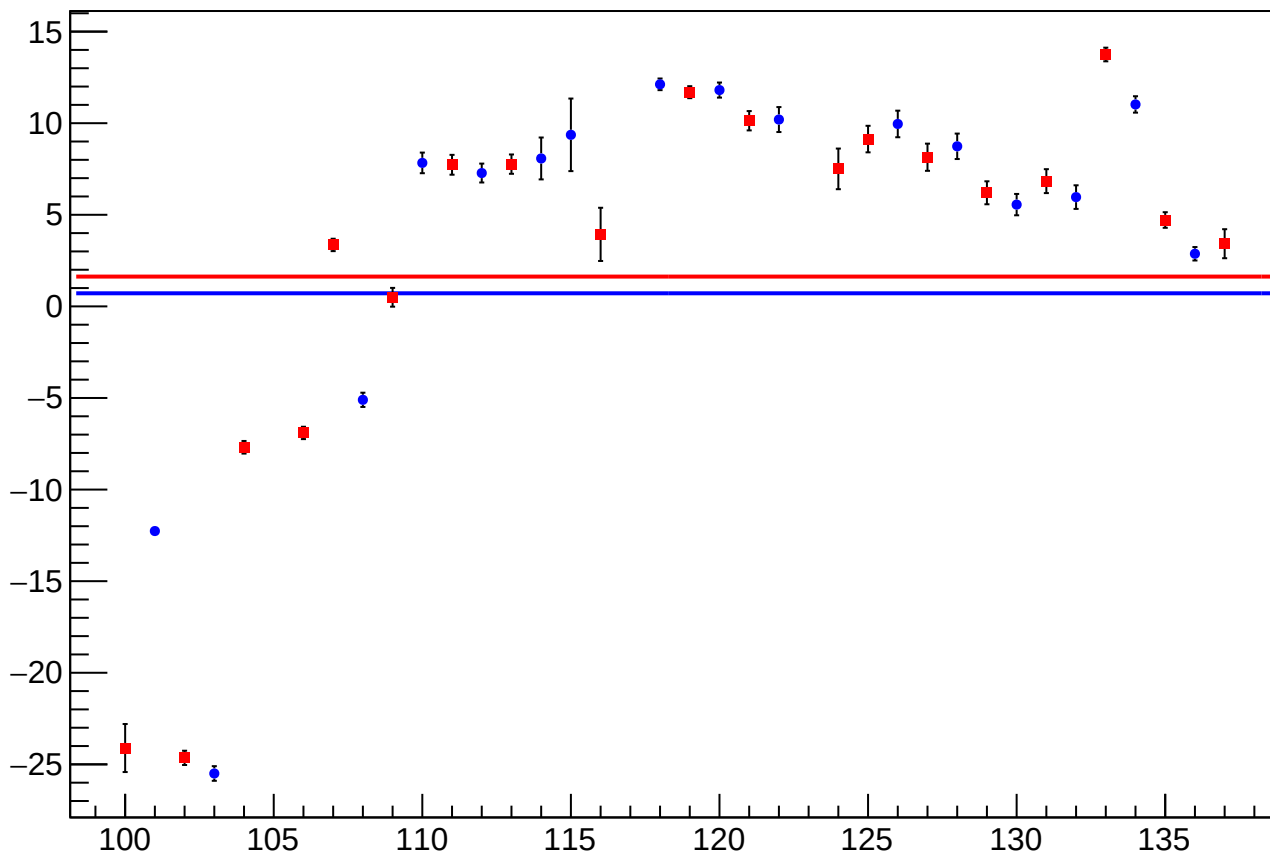
Right: 4.390+/-0.080 χ^2/NDF : 6827.6/34

In: 4.435+/-0.117 χ^2/NDF : 2622.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.390+/-0.080 χ^2/NDF : 6827.6/34

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.715+/-0.116 χ^2/NDF : 10454.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.627+/-0.111 χ^2/NDF : 9255.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

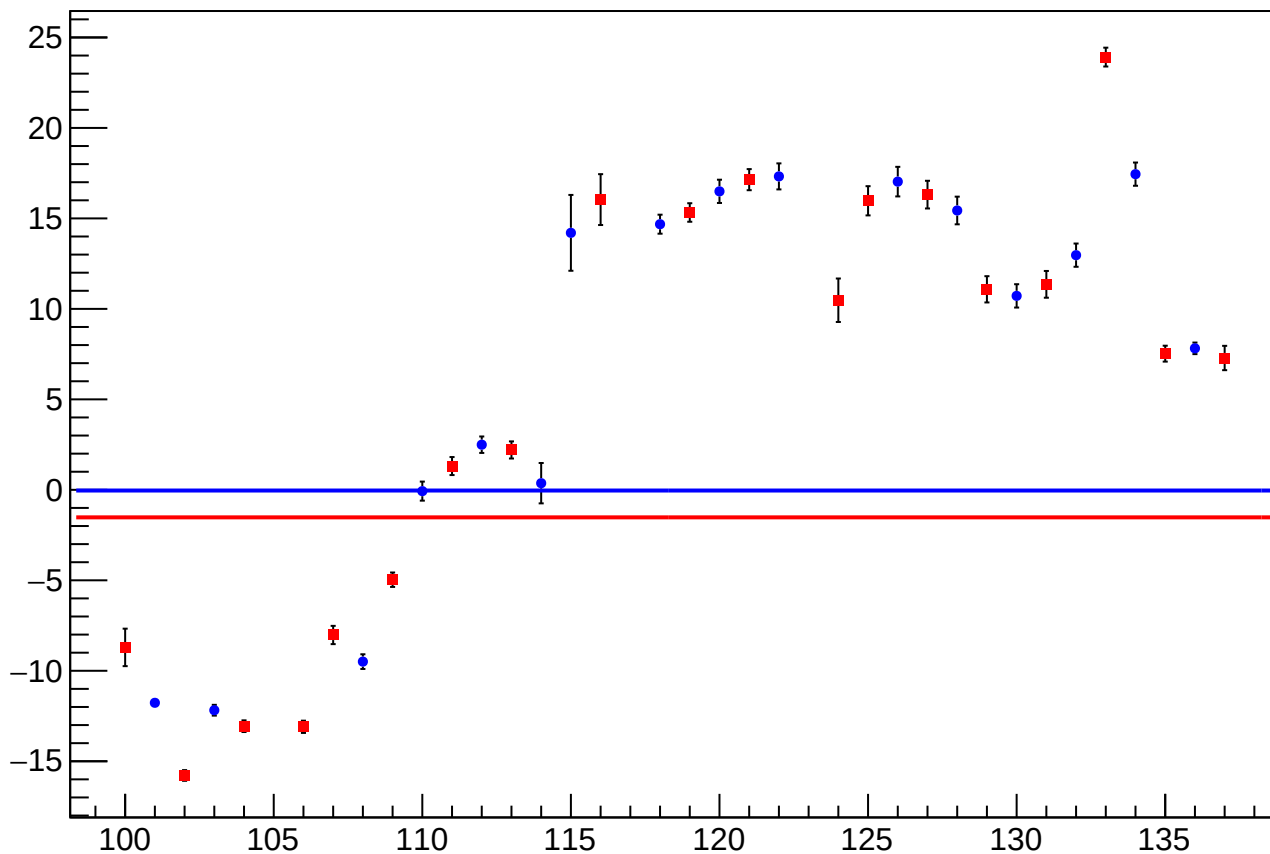
Right: 1.190+/-0.080 χ^2/NDF : 19741.8/34

In: 0.715+/-0.116 χ^2/NDF :10454.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.190+/-0.080 χ^2/NDF : 19741.8/34

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.038+/-0.119 χ^2/NDF : 9274.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.521+/-0.115 χ^2/NDF : 12130.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

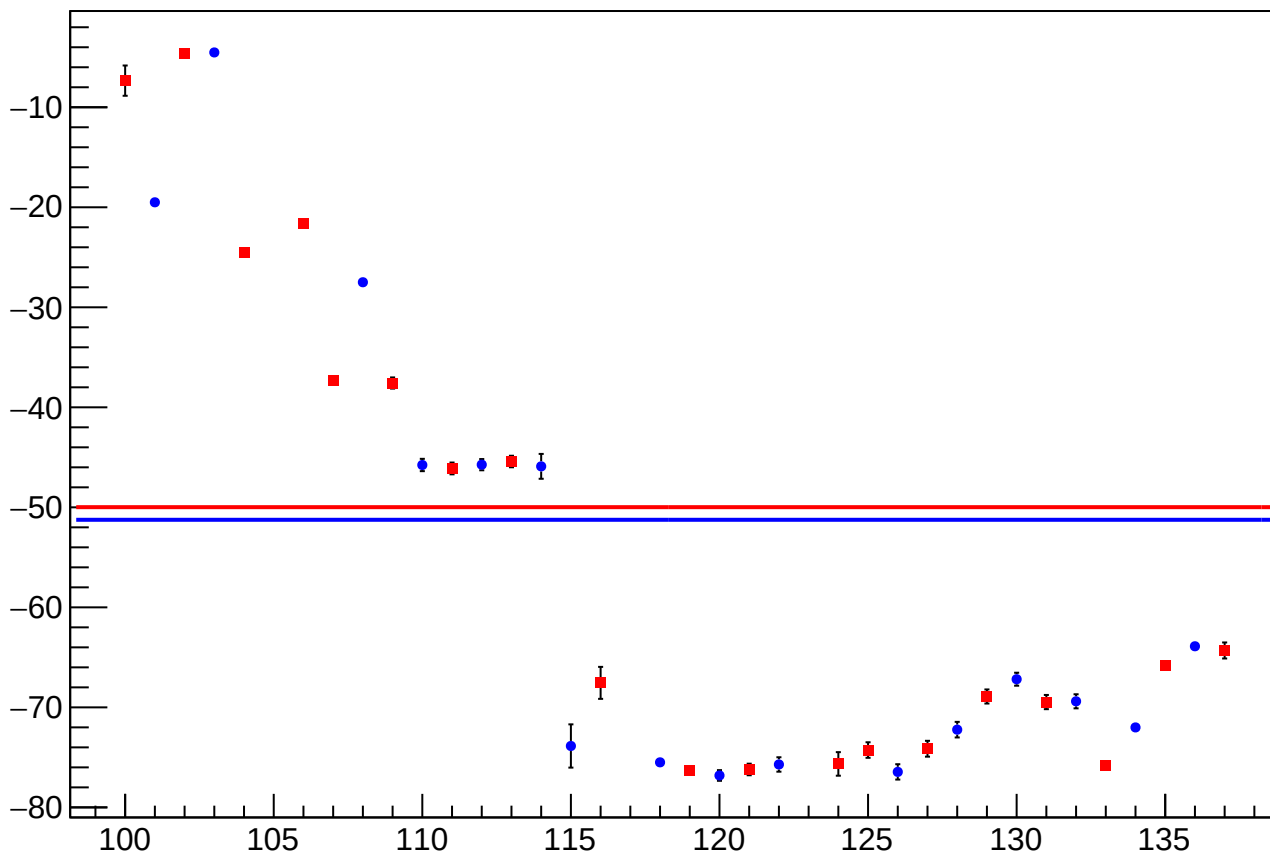
Right: -0.807+/-0.083 χ^2/NDF : 21484.6/34

In: -0.038+/-0.119 χ^2/NDF :9274.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.807+/-0.083 χ^2/NDF : 21484.6/34

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -51.246 $\pm$ 0.136 χ^2 /NDF: 33765.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -49.983 $\pm$ 0.131 χ^2 /NDF: 33892.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

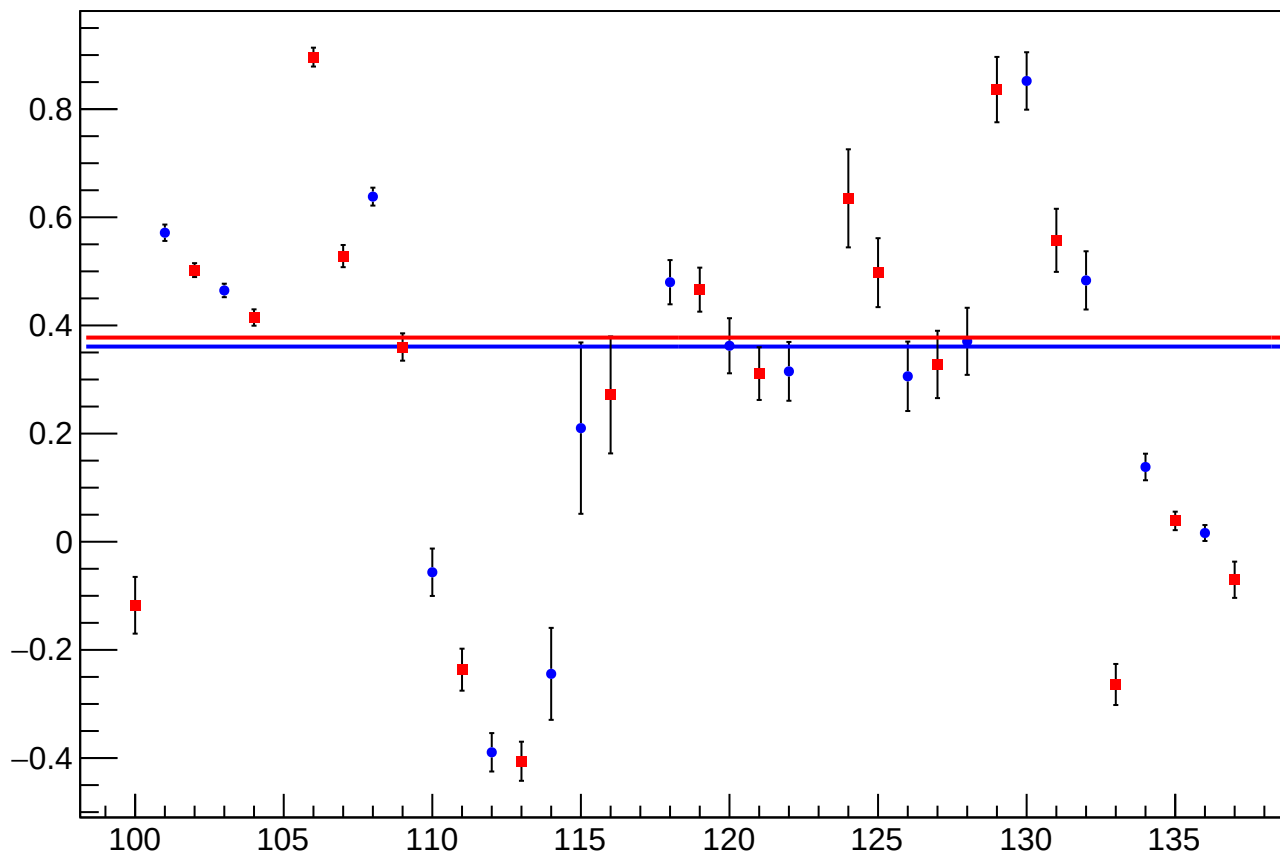
Right: -50.590 $\pm$ 0.094 χ^2 /NDF: 67702.6/34

In: -51.246 $\pm$ 0.136 χ^2 /NDF:33765.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.590 $\pm$ 0.094 χ^2 /NDF: 67702.6/34

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.361 $\pm$ 0.006 χ^2/NDF : 1860.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.378 $\pm$ 0.006 χ^2/NDF : 2790.5/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

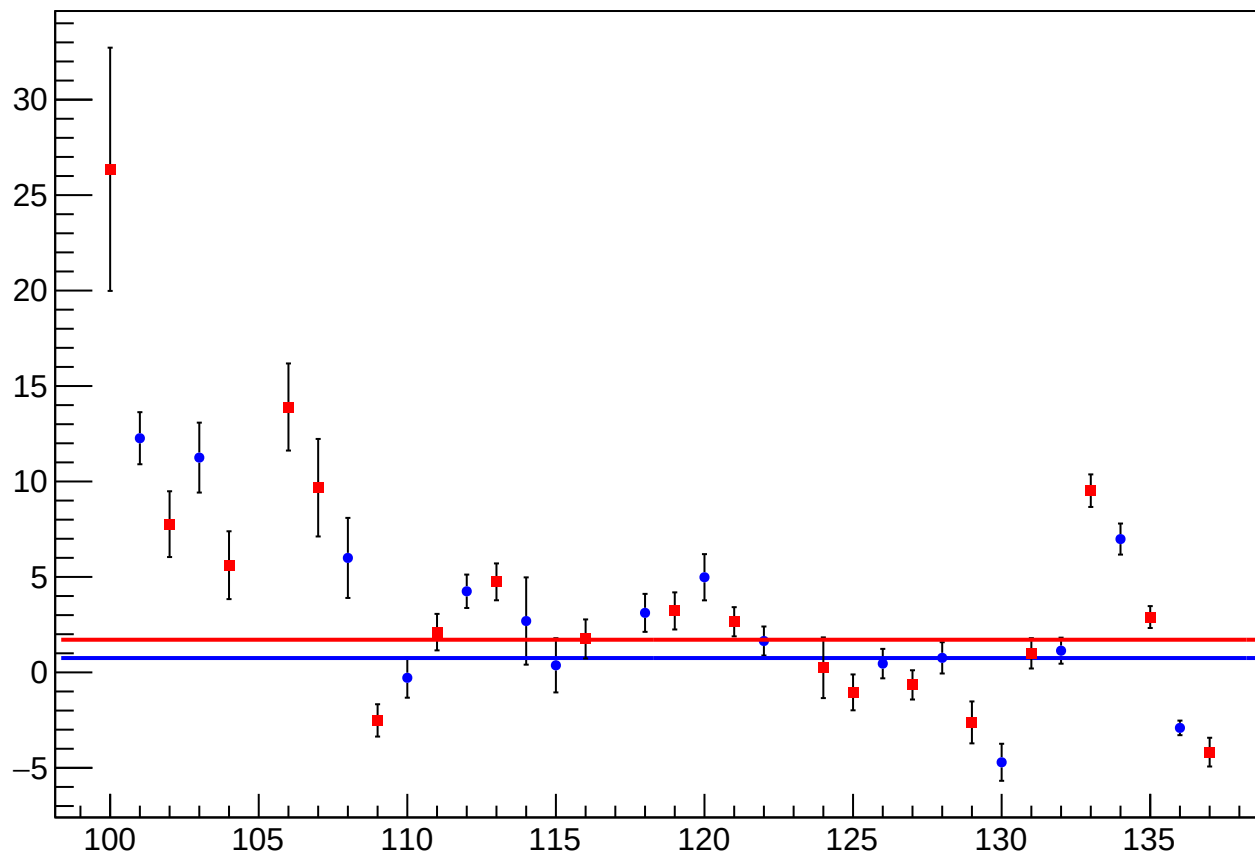
Right: 0.370 $\pm$ 0.004 χ^2/NDF : 4654.1/34

In: 0.361 $\pm$ 0.006 χ^2/NDF : 1860.0/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.370 $\pm$ 0.004 χ^2/NDF : 4654.1/34

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.752 $\pm$ 0.212 χ^2 /NDF: 330.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.710 $\pm$ 0.223 χ^2 /NDF: 293.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

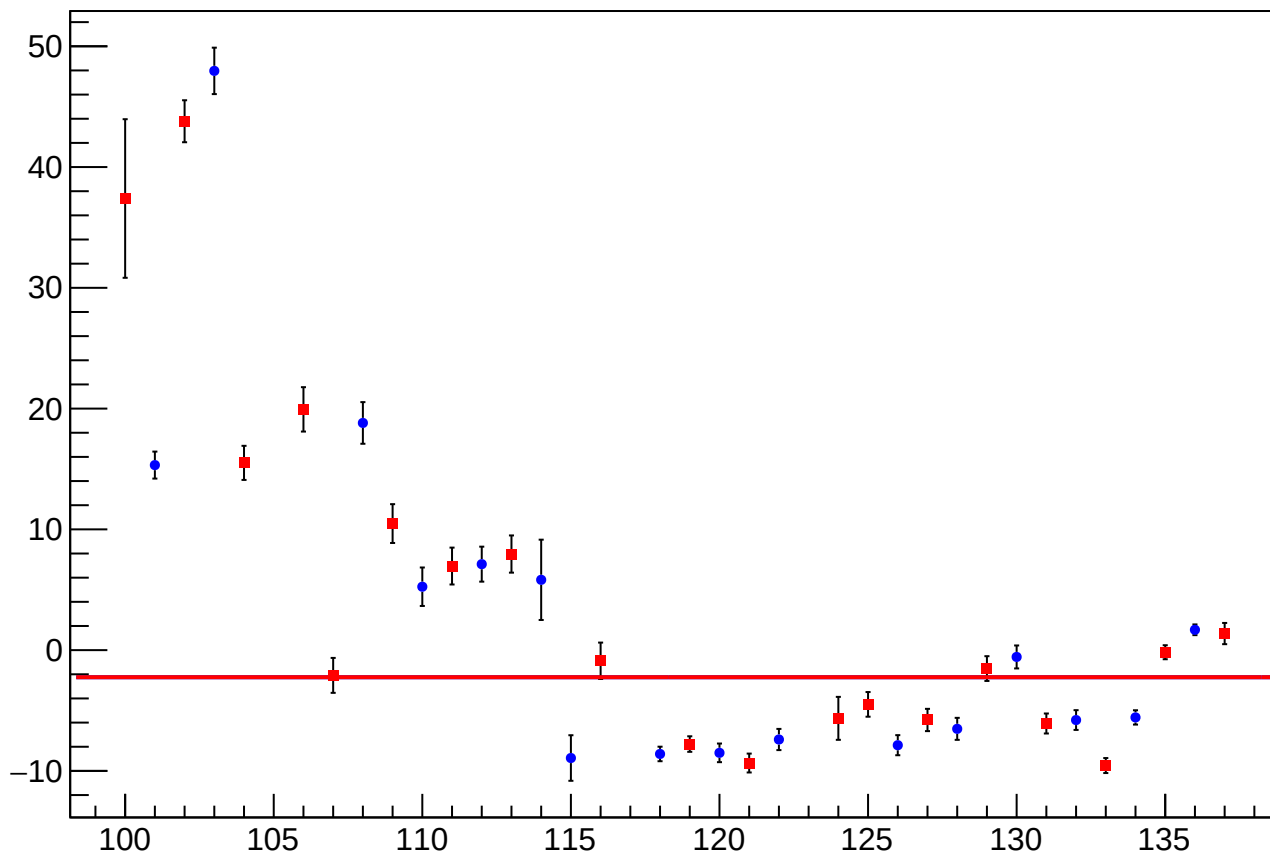
Right: 1.208 $\pm$ 0.154 χ^2 /NDF: 633.6/34

In: 0.752 $\pm$ 0.212 χ^2 /NDF:330.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.208 $\pm$ 0.154 χ^2 /NDF: 633.6/34

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.245+/-0.215 χ^2/NDF : 1572.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.242+/-0.229 χ^2/NDF : 1555.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

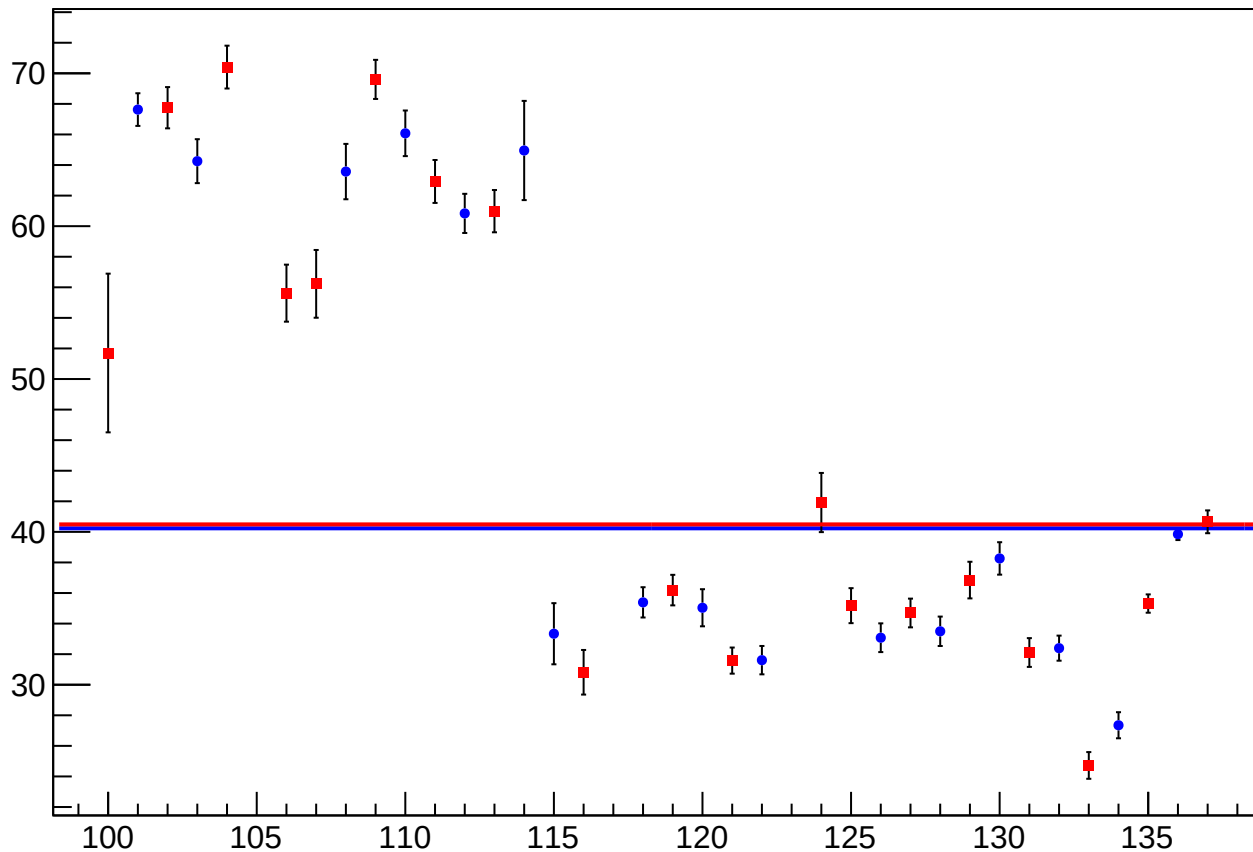
Right: -2.244+/-0.157 χ^2/NDF : 3128.1/34

In: -2.245+/-0.215 χ^2/NDF :1572.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.244+/-0.157 χ^2/NDF : 3128.1/34

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 40.232+/-0.231 χ^2/NDF : 2291.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 40.490+/-0.250 χ^2/NDF : 2698.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

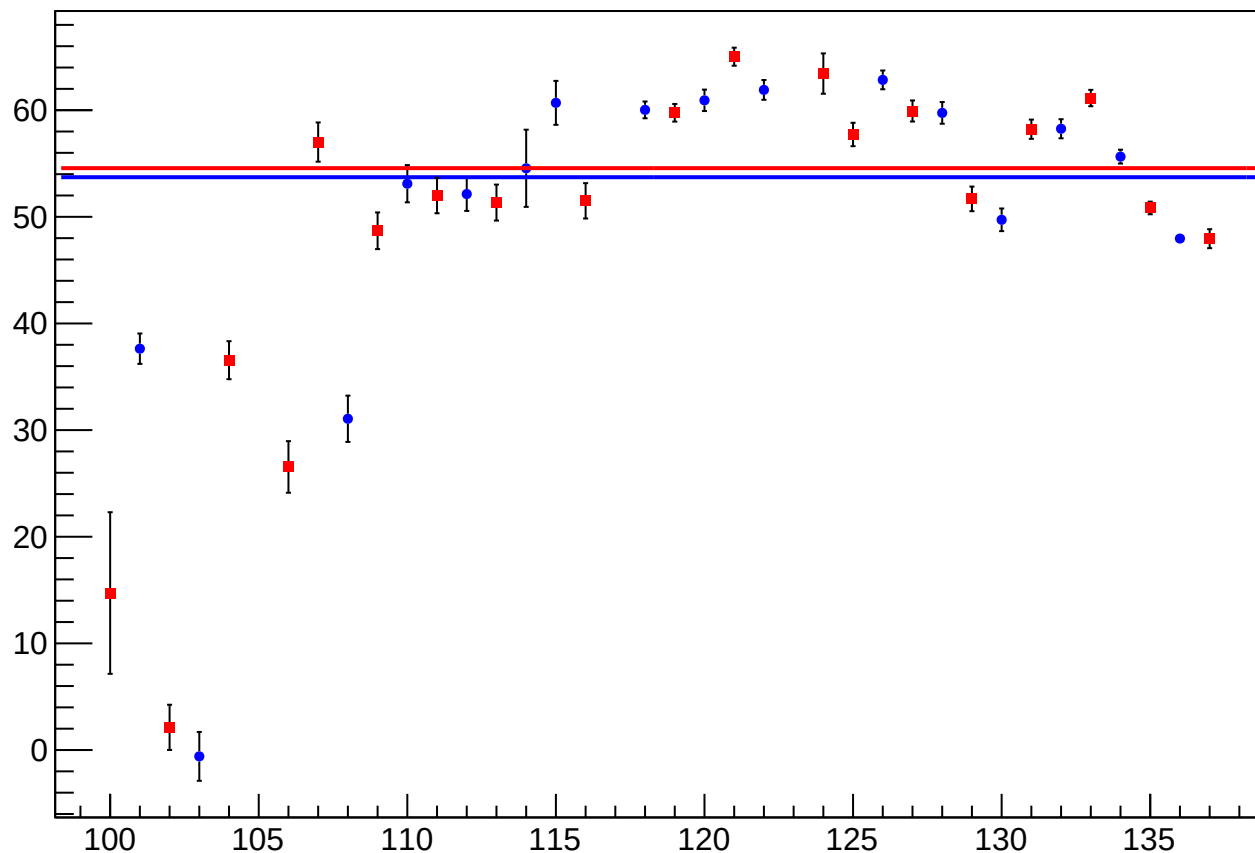
Right: 40.351+/-0.170 χ^2/NDF : 4989.7/34

In: 40.232+/-0.231 χ^2/NDF : 2291.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.351+/-0.170 χ^2/NDF : 4989.7/34

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.715+/-0.239 χ^2 /NDF: 1362.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 54.565+/-0.256 χ^2 /NDF: 1342.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

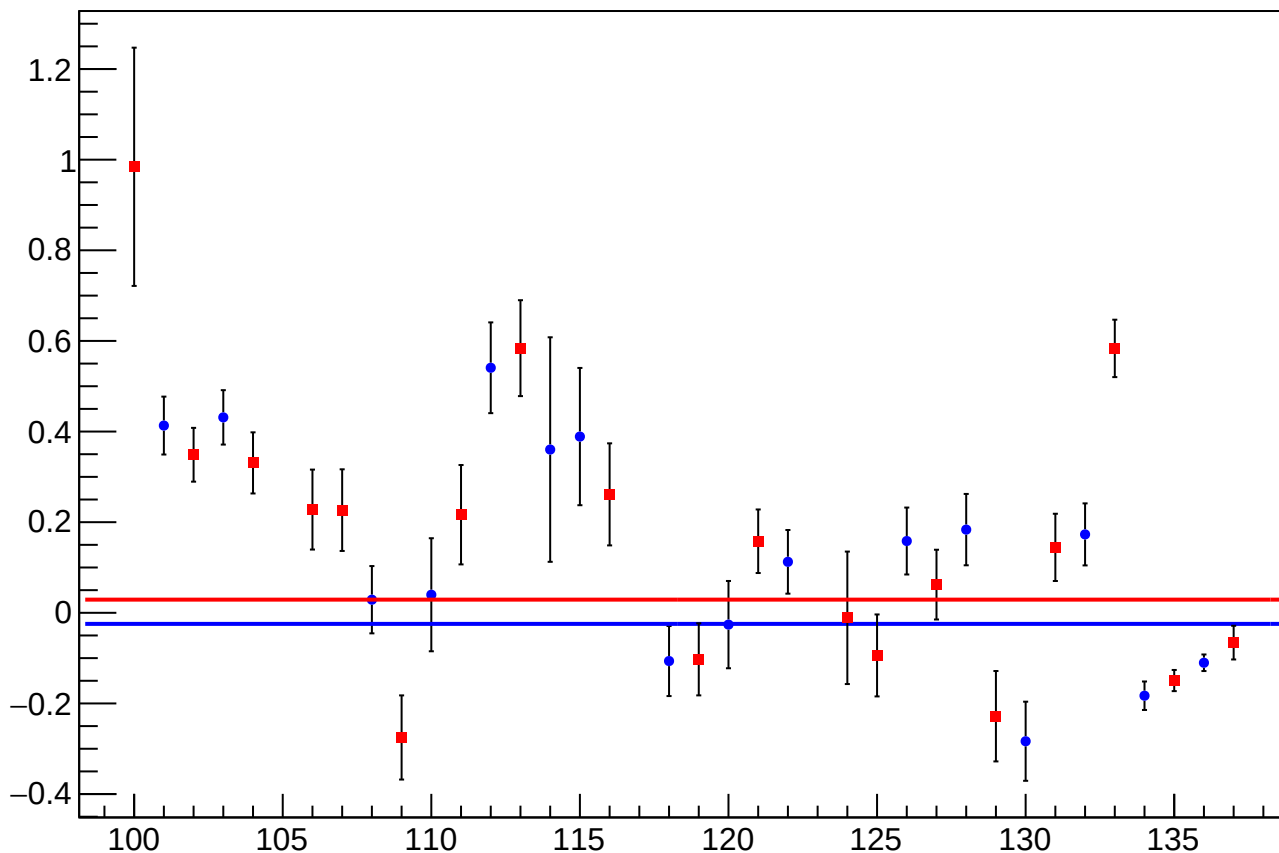
Right: 54.111+/-0.175 χ^2 /NDF: 2711.2/34

In: 53.715+/-0.239 χ^2 /NDF:1362.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 54.111+/-0.175 χ^2 /NDF: 2711.2/34

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.024 ± 0.013 χ^2/NDF : 229.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.029 ± 0.014 χ^2/NDF : 276.4/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

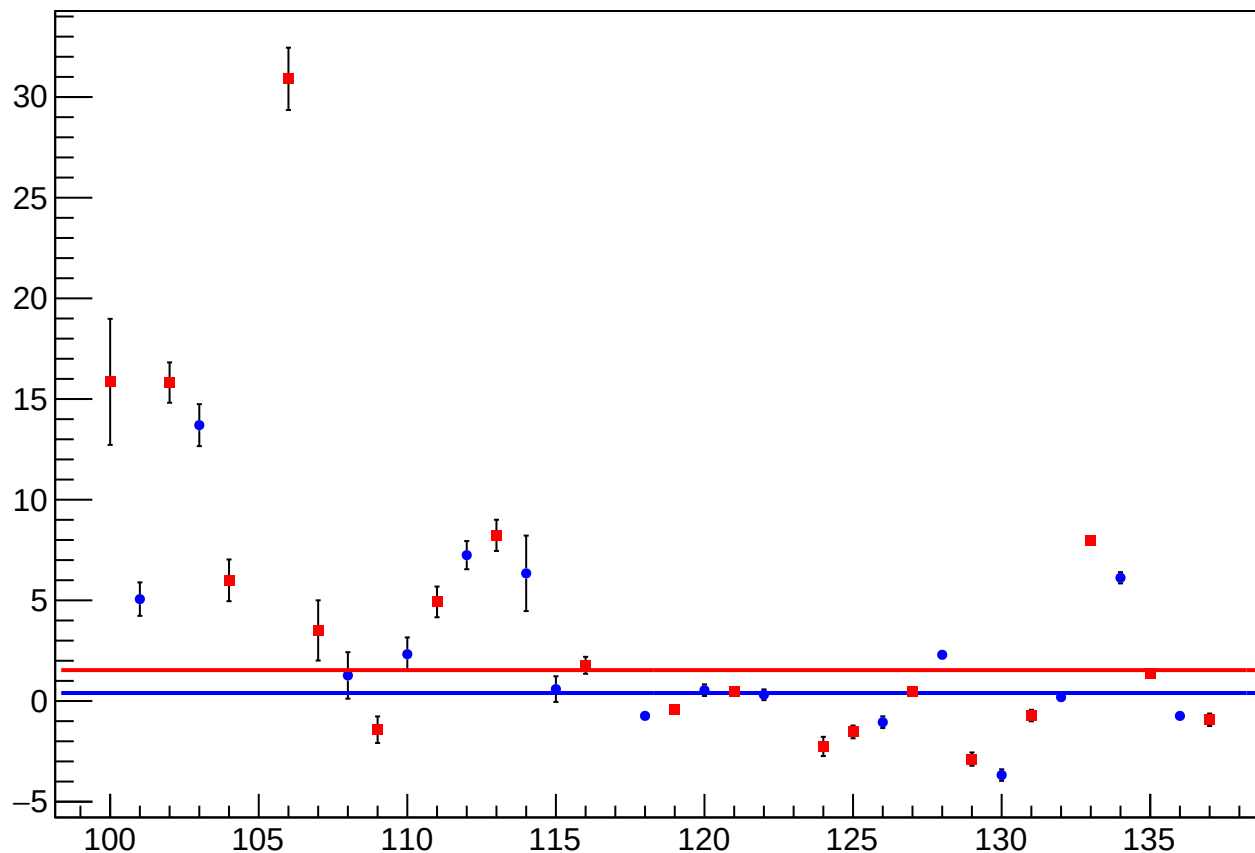
Right: -0.001 ± 0.010 χ^2/NDF : 513.9/34

In: -0.024 ± 0.013 χ^2/NDF : 229.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.010 χ^2/NDF : 513.9/34

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.398+/-0.077 χ^2/NDF : 1097.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.536+/-0.078 χ^2/NDF : 2411.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

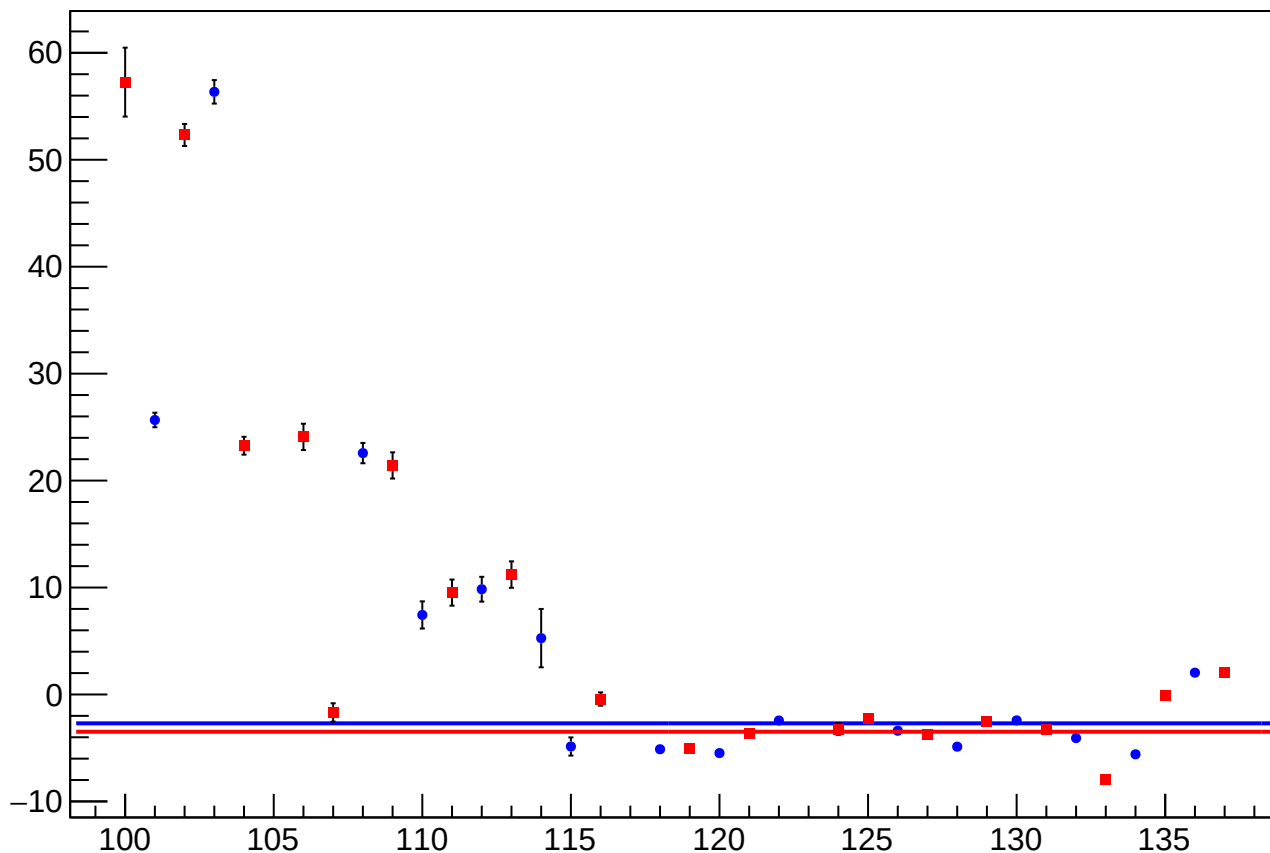
Right: 0.959+/-0.055 χ^2/NDF : 3615.8/34

In: 0.398+/-0.077 χ^2/NDF :1097.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.959+/-0.055 χ^2/NDF : 3615.8/34

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.699 ± 0.071 χ^2/NDF : 7103.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.486 ± 0.071 χ^2/NDF : 7159.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

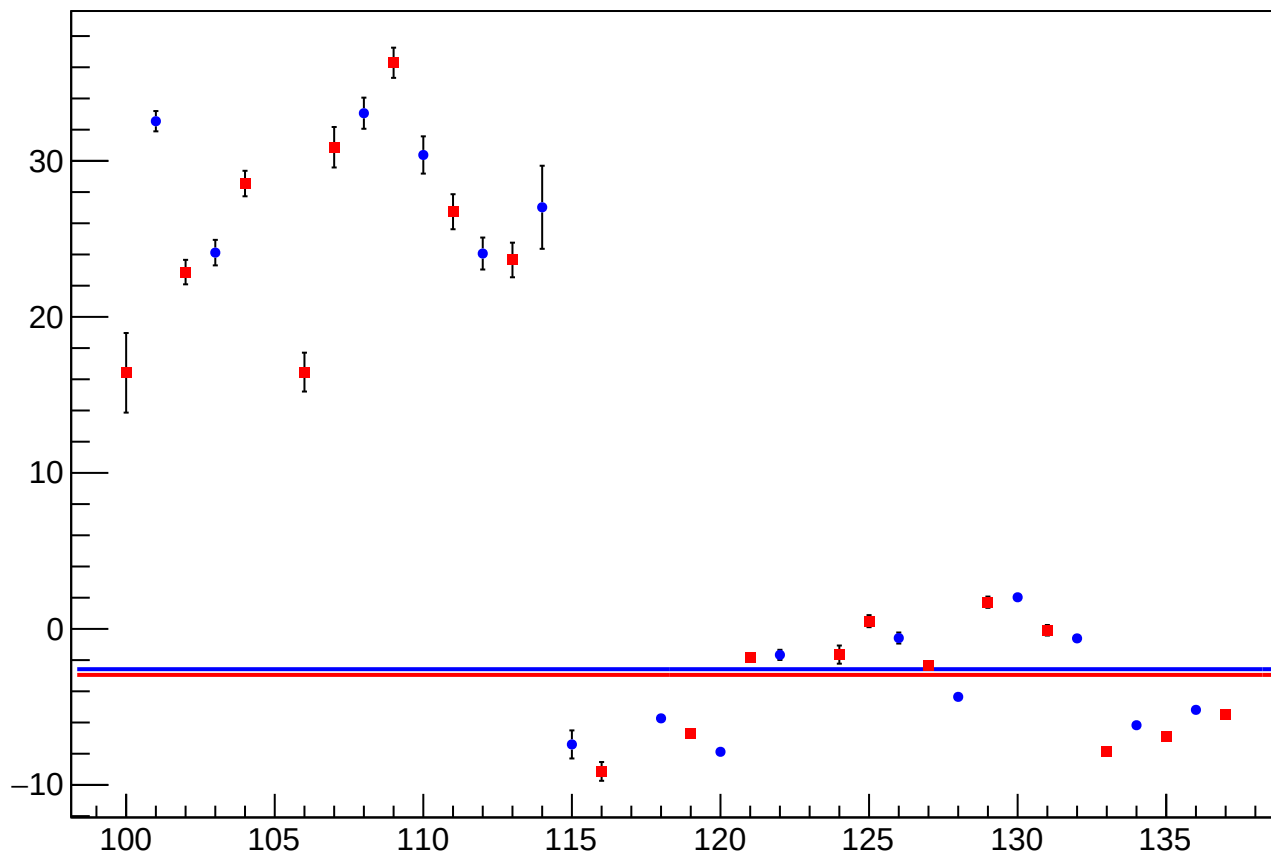
Right: -3.091 ± 0.050 χ^2/NDF : 14325.4/34

In: -2.699 ± 0.071 χ^2/NDF : 7103.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.091 ± 0.050 χ^2/NDF : 14325.4/34

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -2.582+/-0.083 χ^2 /NDF: 8159.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.948+/-0.085 χ^2 /NDF: 8196.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

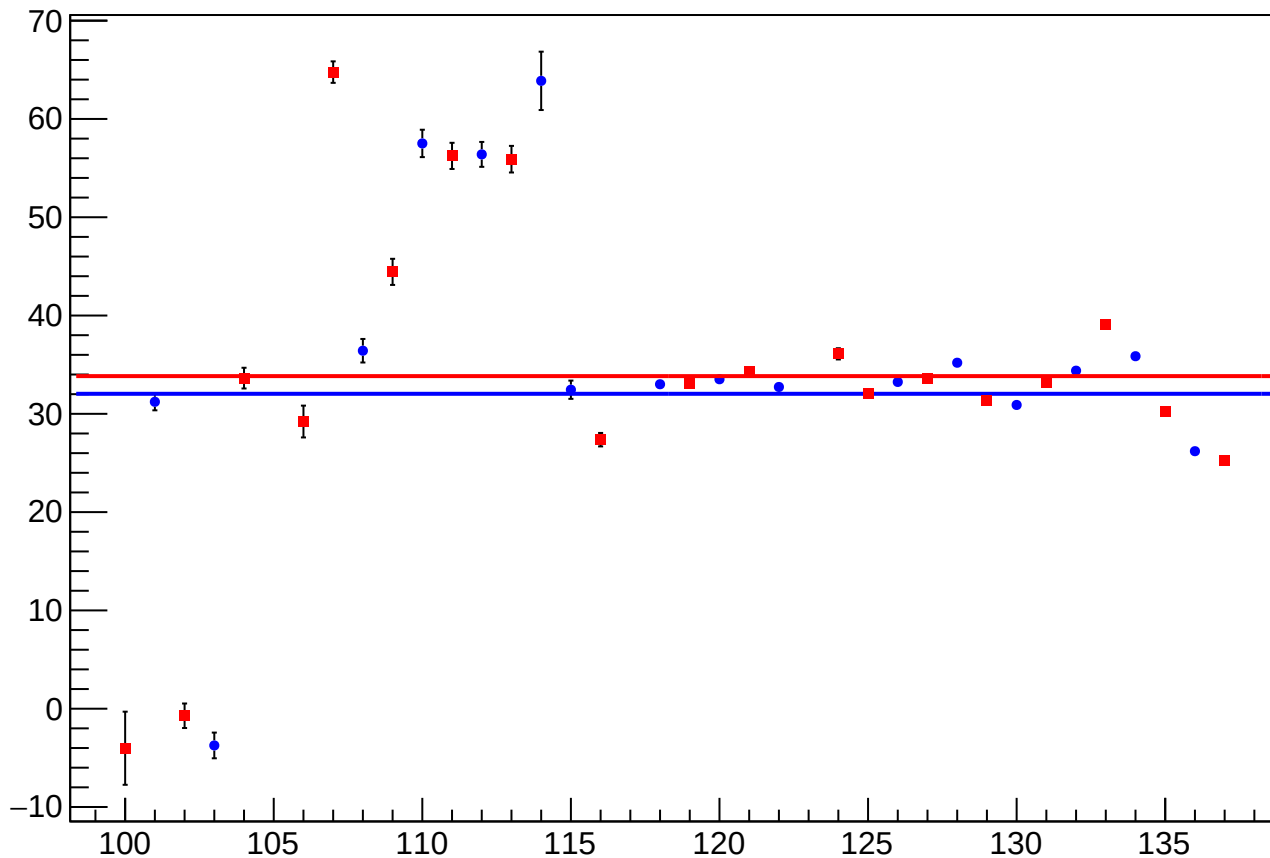
Right: -2.761+/-0.059 χ^2 /NDF: 16365.7/34

In: -2.582+/-0.083 χ^2 /NDF:8159.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.761+/-0.059 χ^2 /NDF: 16365.7/34

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 32.038+/-0.081 χ^2/NDF : 3255.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.837+/-0.082 χ^2/NDF : 4237.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

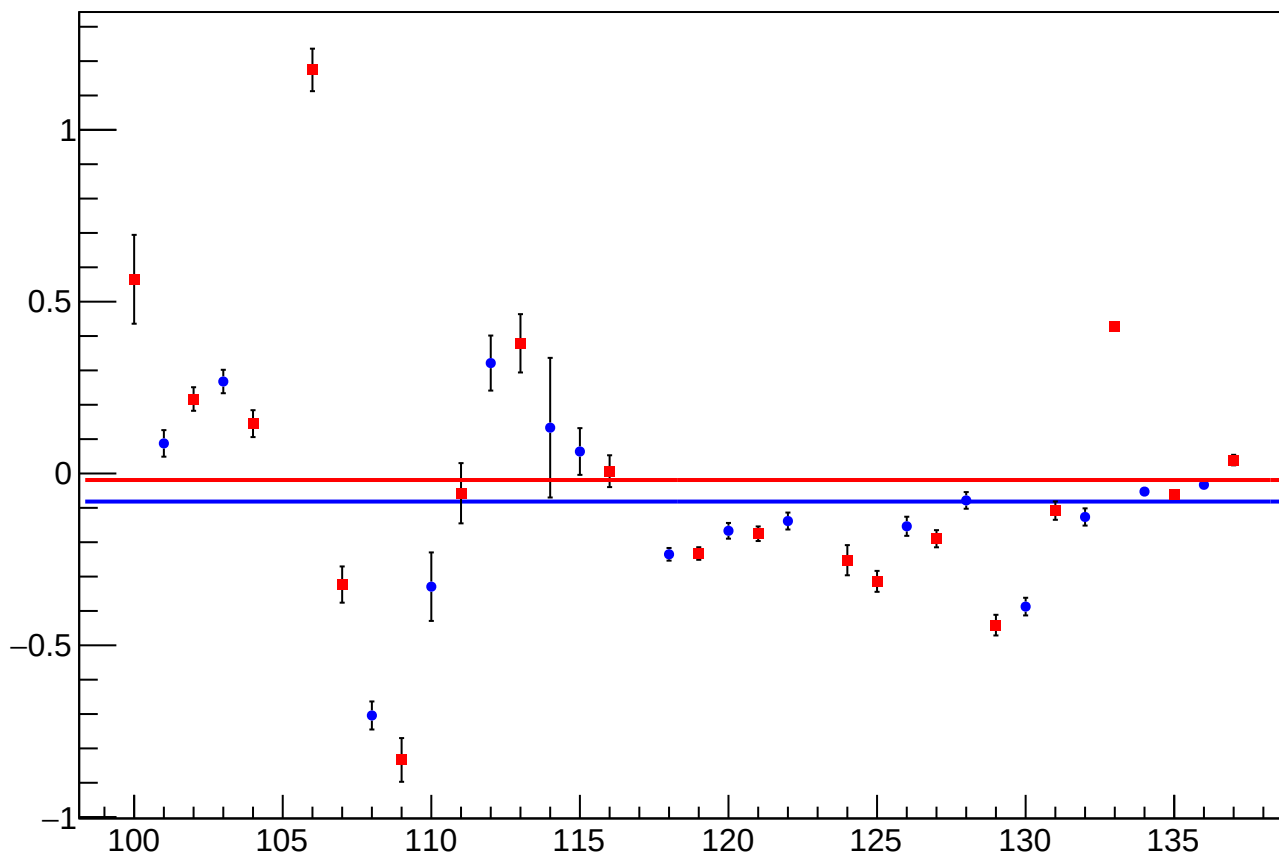
Right: 32.934+/-0.058 χ^2/NDF : 7737.6/34

In: 32.038+/-0.081 χ^2/NDF : 3255.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.934+/-0.058 χ^2/NDF : 7737.6/34

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.082 ± 0.005 χ^2/NDF : 689.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.019 ± 0.005 χ^2/NDF : 2273.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

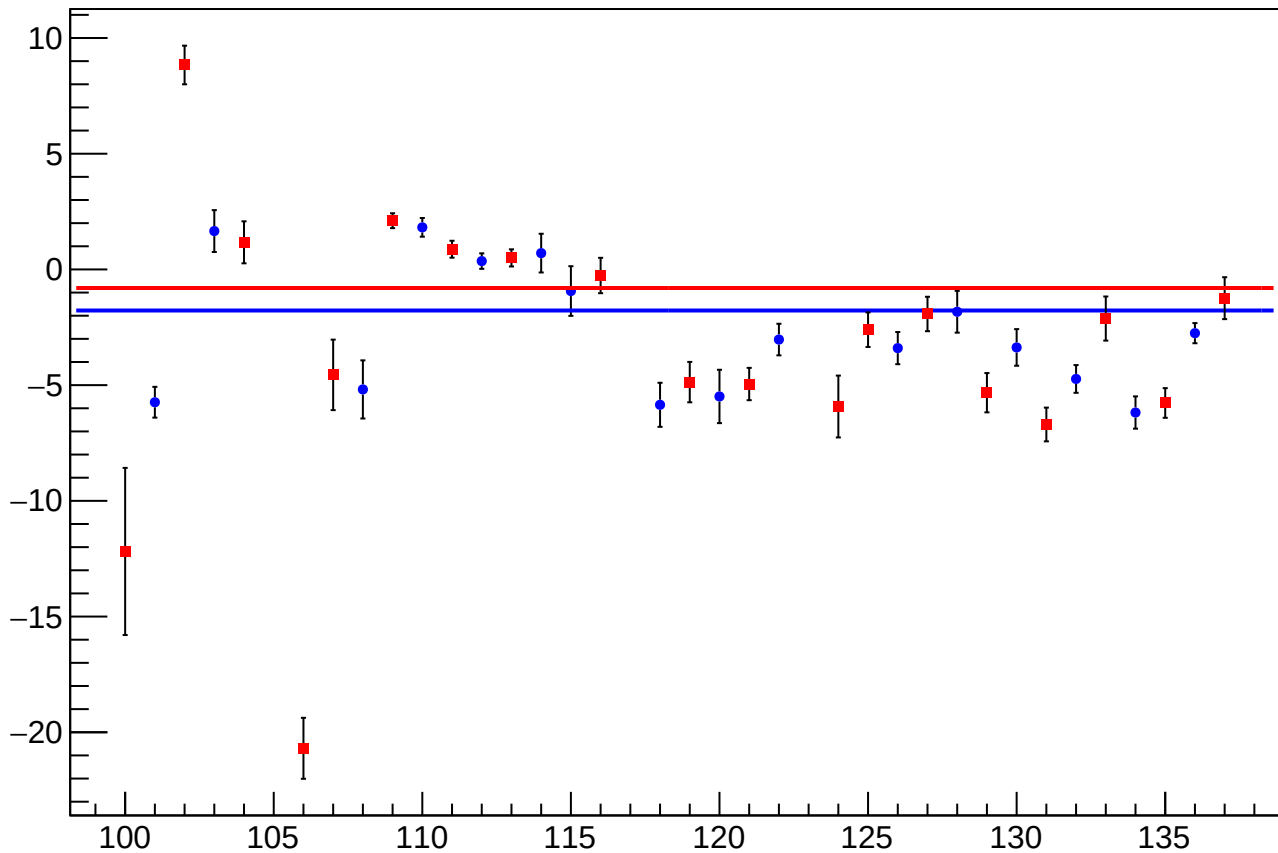
Right: -0.053 ± 0.004 χ^2/NDF : 3041.0/34

In: -0.082 ± 0.005 χ^2/NDF : 689.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.053 ± 0.004 χ^2/NDF : 3041.0/34

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.775 ± 0.157 χ^2/NDF : 297.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.803 ± 0.148 χ^2/NDF : 733.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

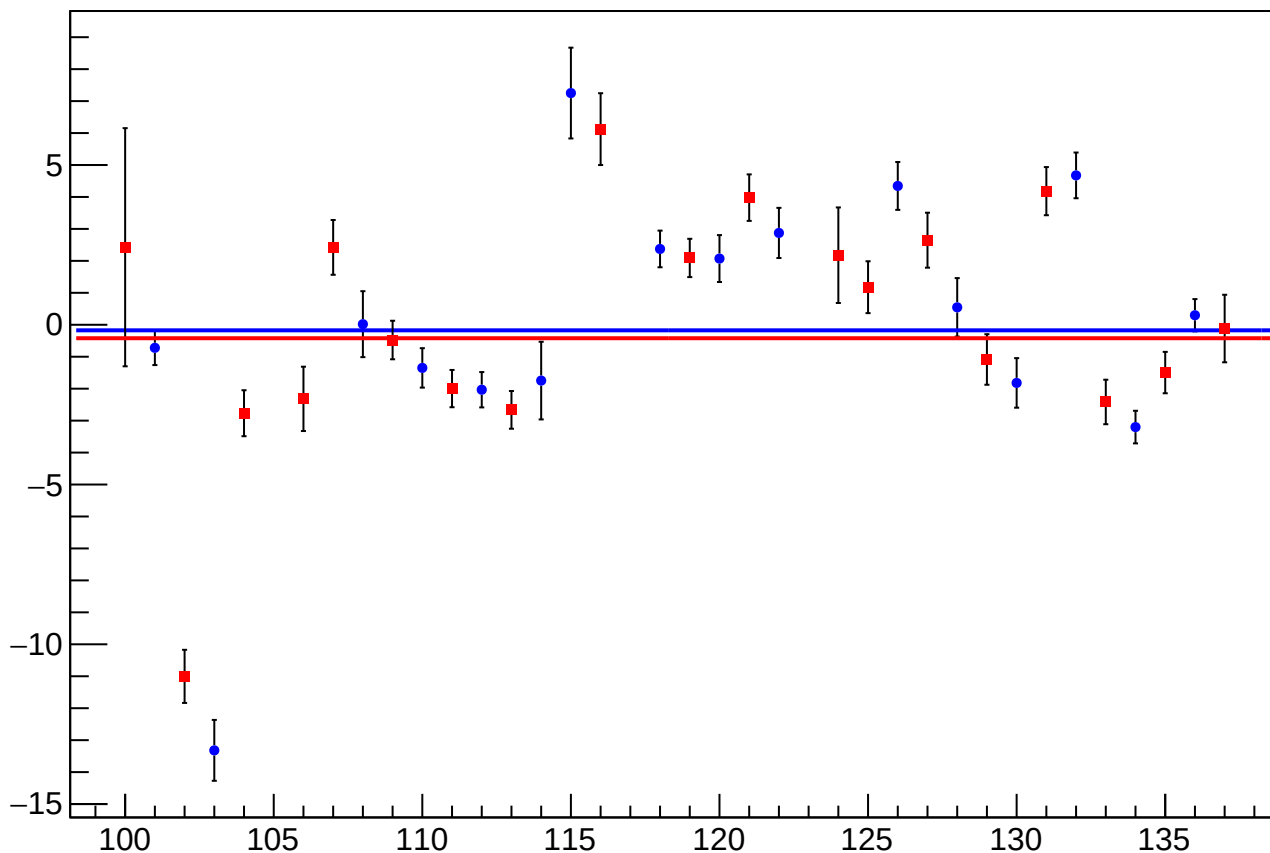
Right: -1.261 ± 0.108 χ^2/NDF : 1051.6/34

In: -1.775 ± 0.157 χ^2/NDF : 297.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.261 ± 0.108 χ^2/NDF : 1051.6/34

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.174+/-0.173 χ^2 /NDF: 403.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.421+/-0.177 χ^2 /NDF: 366.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

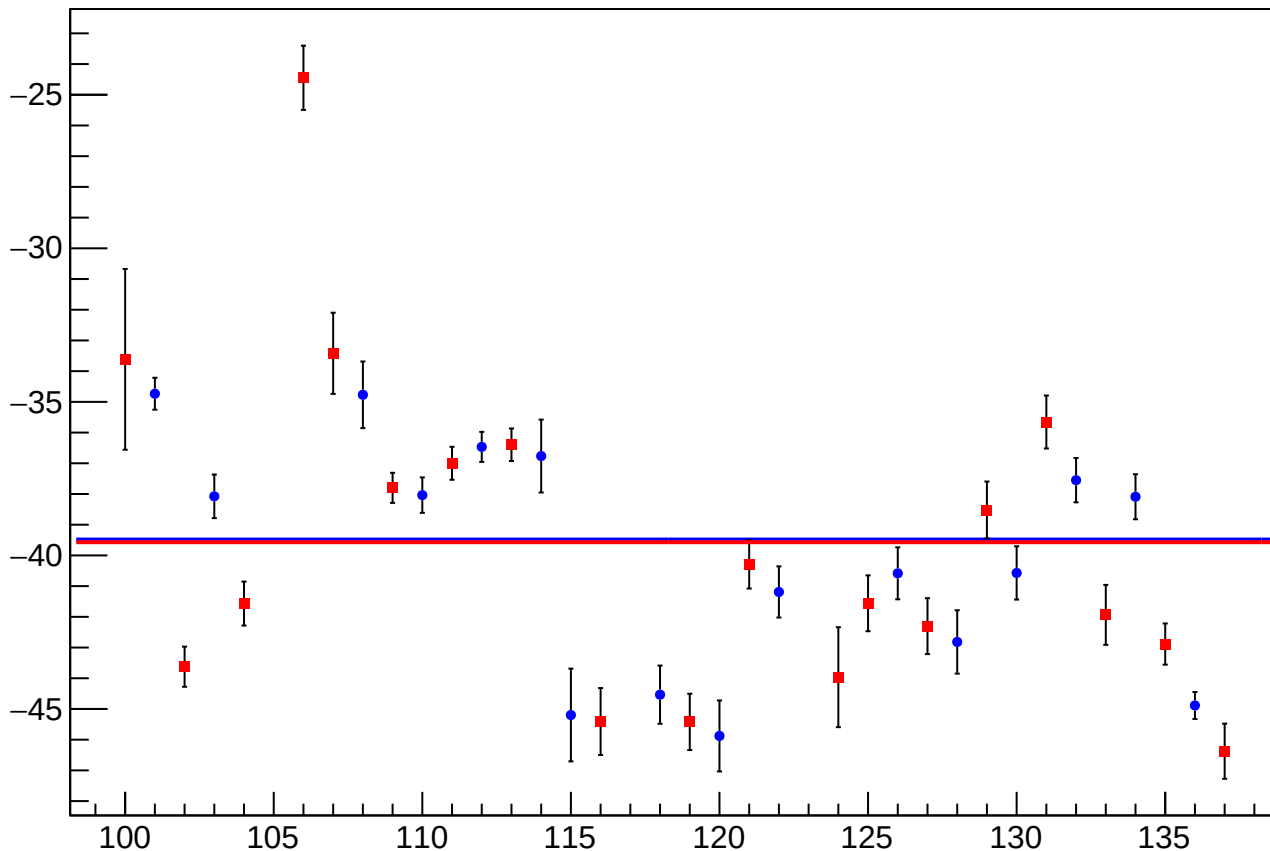
Right: -0.295+/-0.124 χ^2 /NDF: 770.4/34

In: -0.174+/-0.173 χ^2 /NDF:403.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.295+/-0.124 χ^2 /NDF: 770.4/34

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -39.484+/-0.180 χ^2/NDF : 409.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.570+/-0.181 χ^2/NDF : 553.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

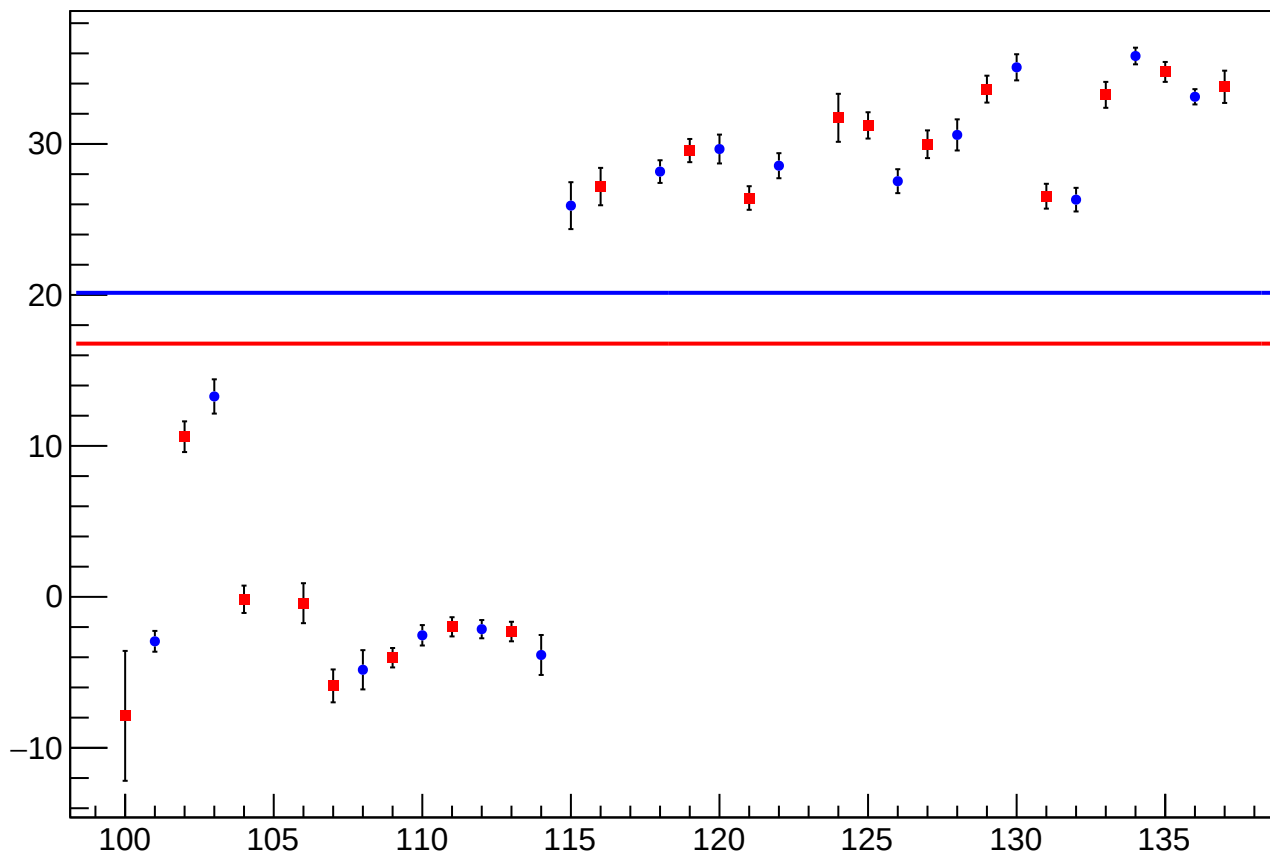
Right: -39.526+/-0.128 χ^2/NDF : 962.9/34

In: -39.484+/-0.180 χ^2/NDF : 409.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.526+/-0.128 χ^2/NDF : 962.9/34

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.140+/-0.195 χ^2 /NDF: 6684.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 16.775+/-0.200 χ^2 /NDF: 6739.1/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

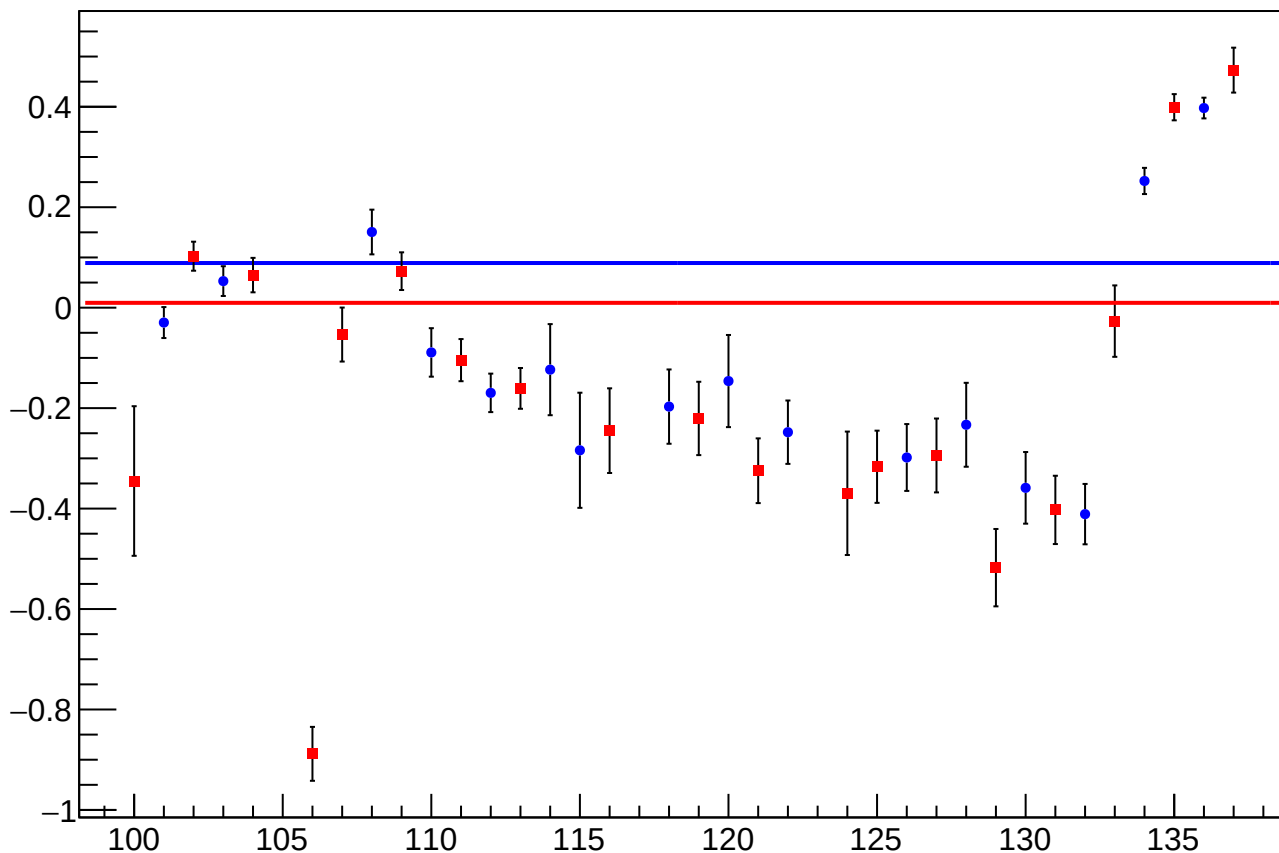
Right: 18.500+/-0.139 χ^2 /NDF: 13569.2/34

In: 20.140+/-0.195 χ^2 /NDF:6684.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.500+/-0.139 χ^2 /NDF: 13569.2/34

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.089 $\pm$ 0.010 χ^2 /NDF: 563.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.010 $\pm$ 0.011 χ^2 /NDF: 834.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

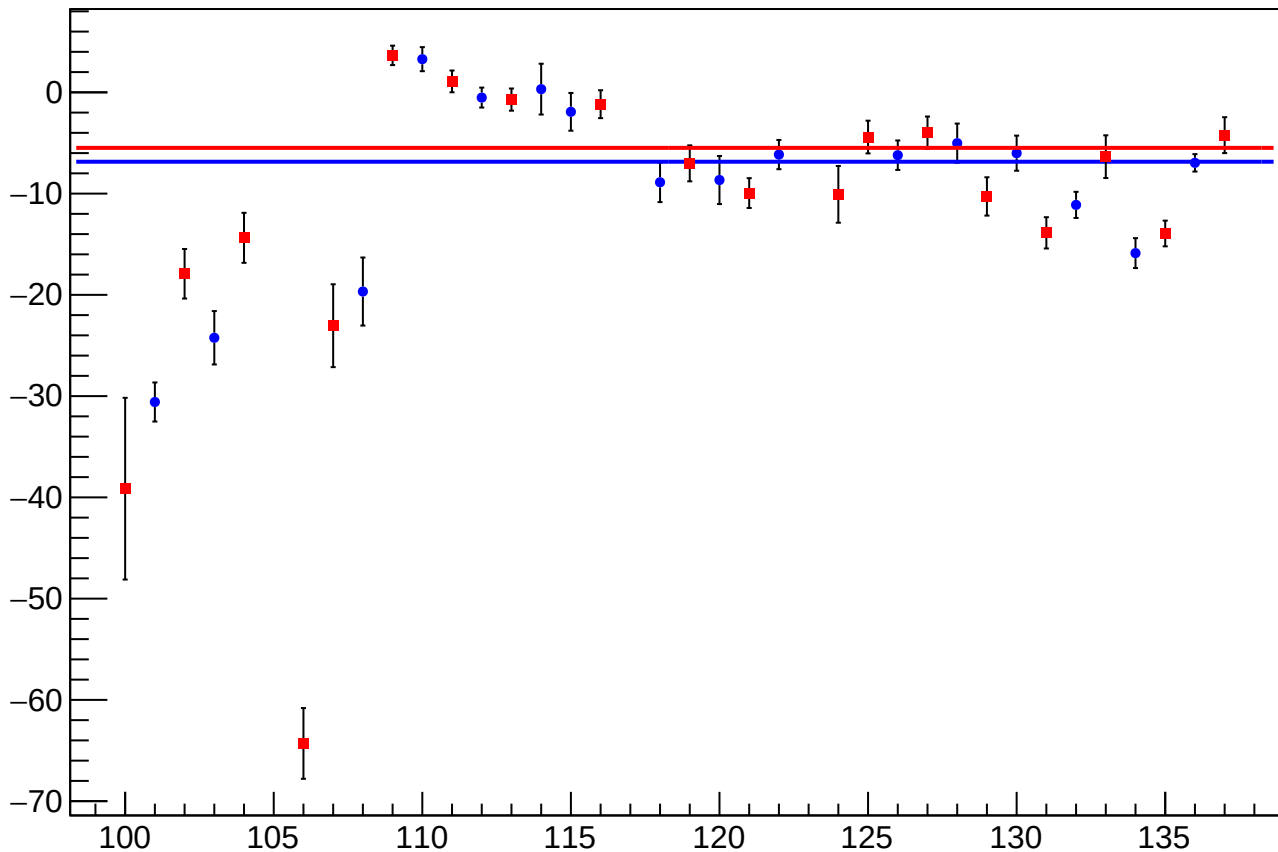
Right: 0.052 $\pm$ 0.008 χ^2 /NDF: 1426.1/34

In: 0.089 $\pm$ 0.010 χ^2 /NDF:563.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.052 $\pm$ 0.008 χ^2 /NDF: 1426.1/34

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -6.853 ± 0.376 χ^2/NDF : 390.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.483 ± 0.369 χ^2/NDF : 606.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

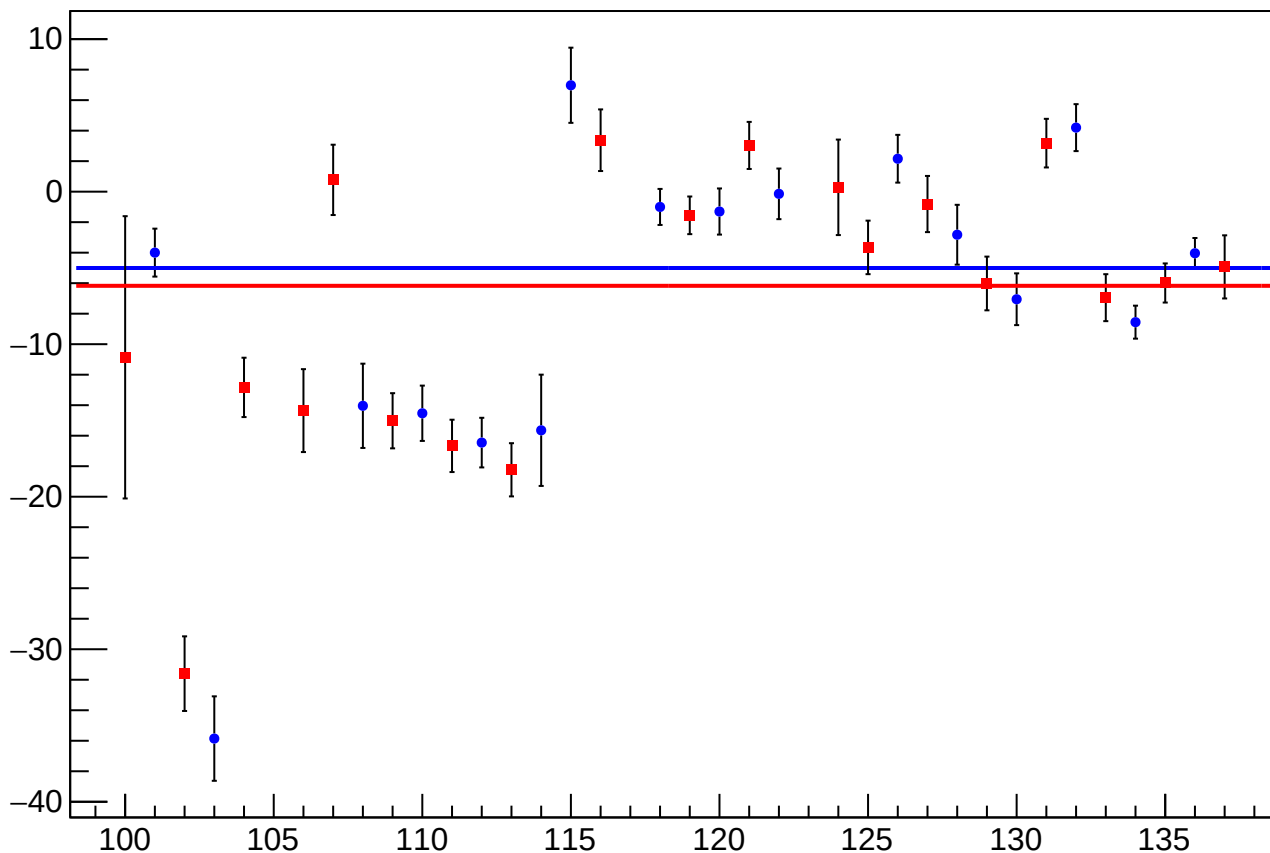
Right: -6.155 ± 0.263 χ^2/NDF : 1003.4/34

In: -6.853 ± 0.376 χ^2/NDF : 390.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.155 ± 0.263 χ^2/NDF : 1003.4/34

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.005 ± 0.395 χ^2/NDF : 341.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.173 ± 0.417 χ^2/NDF : 369.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

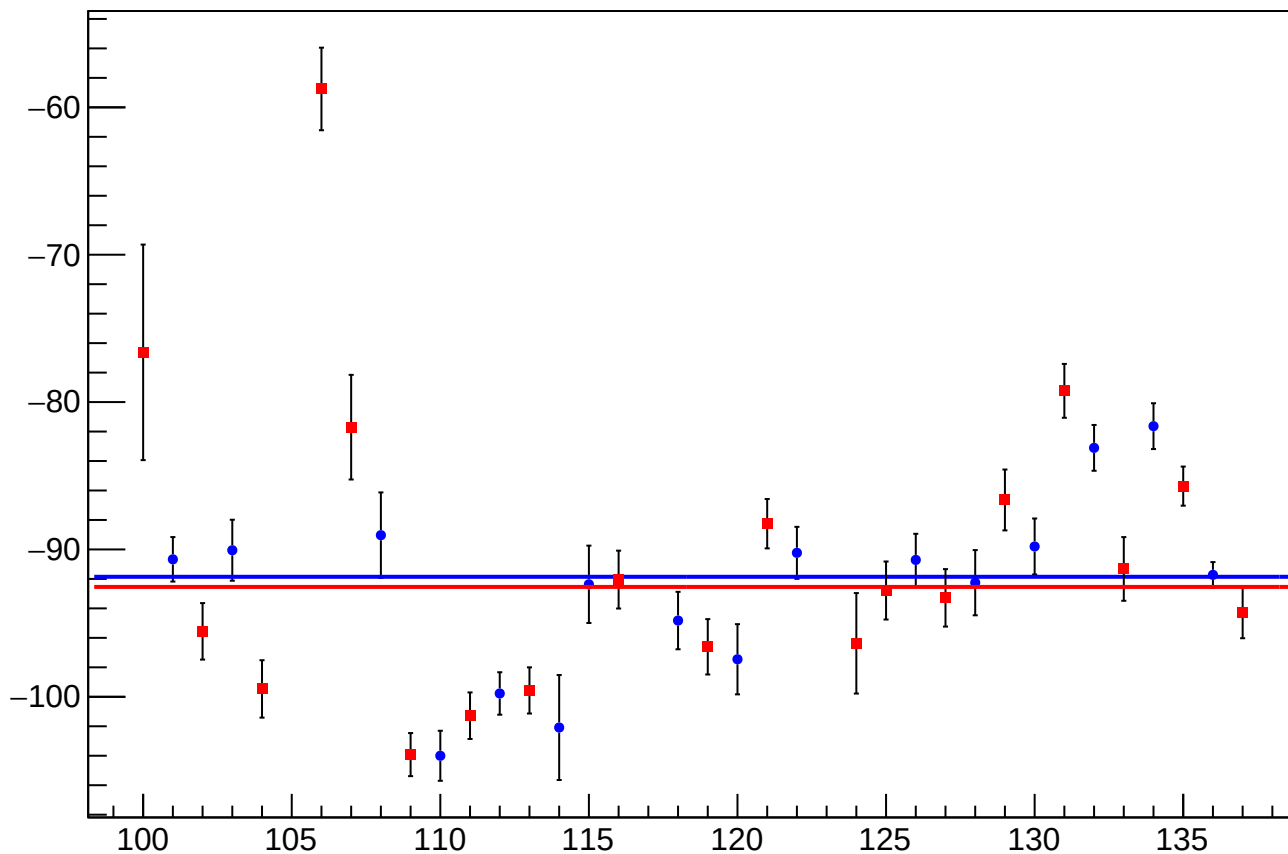
Right: -5.558 ± 0.287 χ^2/NDF : 715.0/34

In: -5.005 ± 0.395 χ^2/NDF : 341.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.558 ± 0.287 χ^2/NDF : 715.0/34

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -91.856 ± 0.424 χ^2/NDF : 177.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -92.544 ± 0.439 χ^2/NDF : 387.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

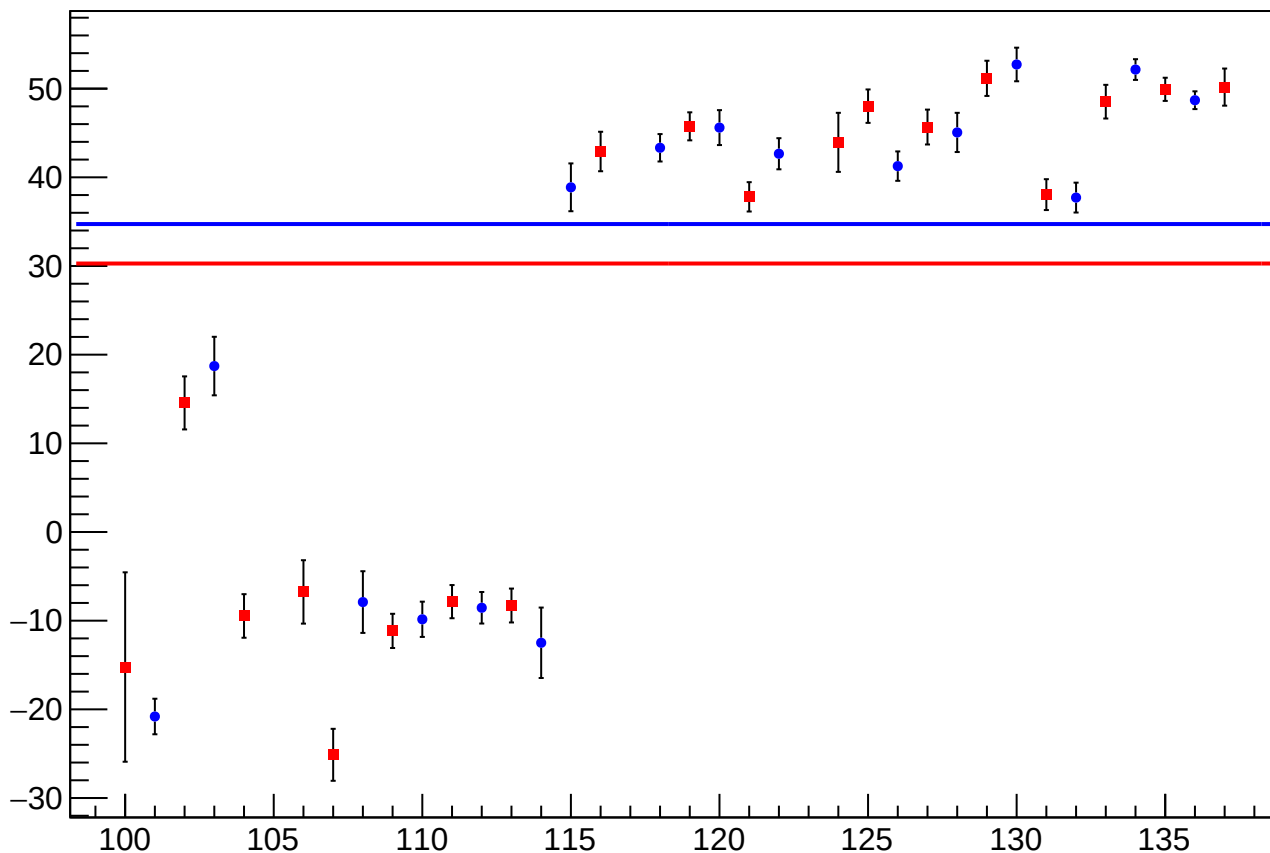
Right: -92.188 ± 0.305 χ^2/NDF : 566.3/34

In: -91.856 ± 0.424 χ^2/NDF : 177.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -92.188 ± 0.305 χ^2/NDF : 566.3/34

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 34.729+/-0.442 χ^2 /NDF: 2809.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 30.279+/-0.467 χ^2 /NDF: 2911.2/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

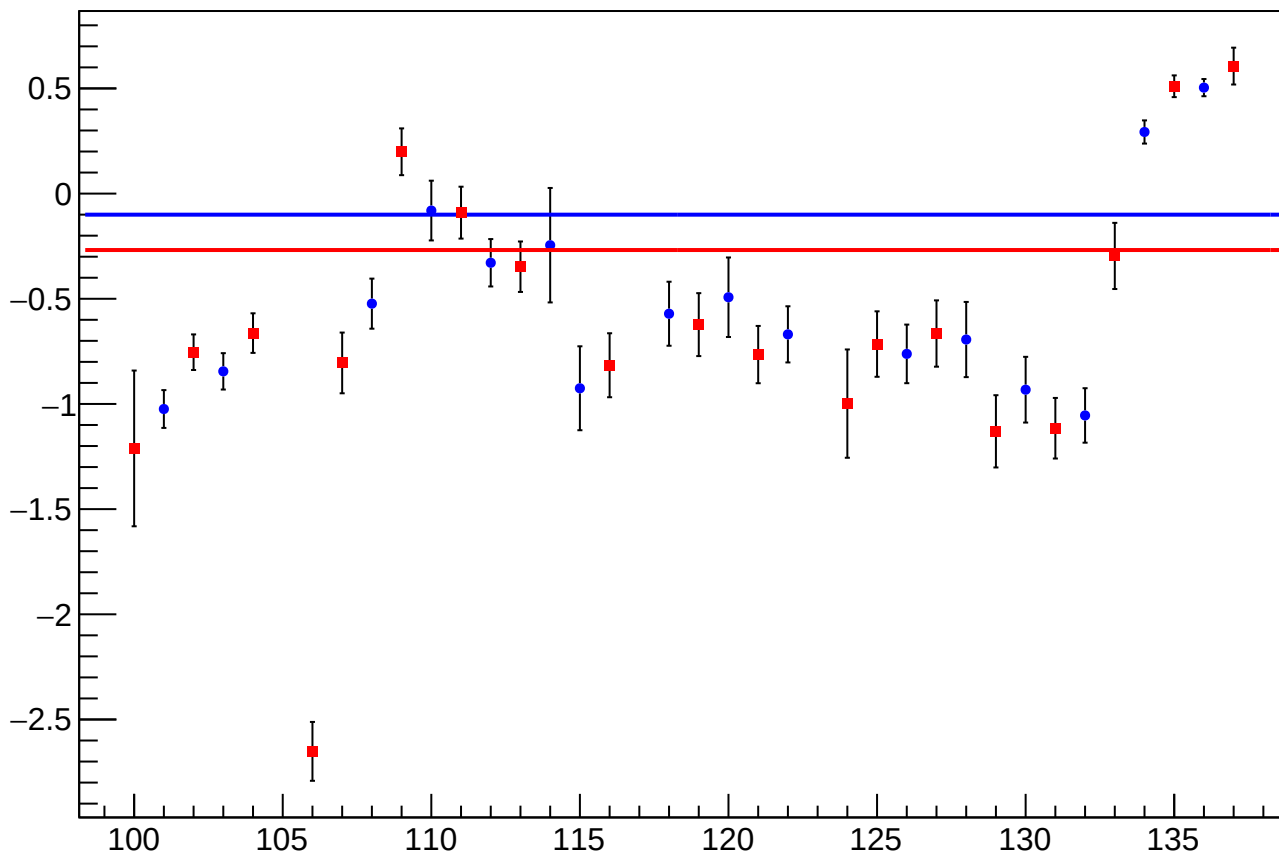
Right: 32.627+/-0.321 χ^2 /NDF: 5768.2/34

In: 34.729+/-0.442 χ^2 /NDF:2809.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 32.627+/-0.321 χ^2 /NDF: 5768.2/34

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.100+/-0.024 χ^2 /NDF: 631.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.268+/-0.026 χ^2 /NDF: 822.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

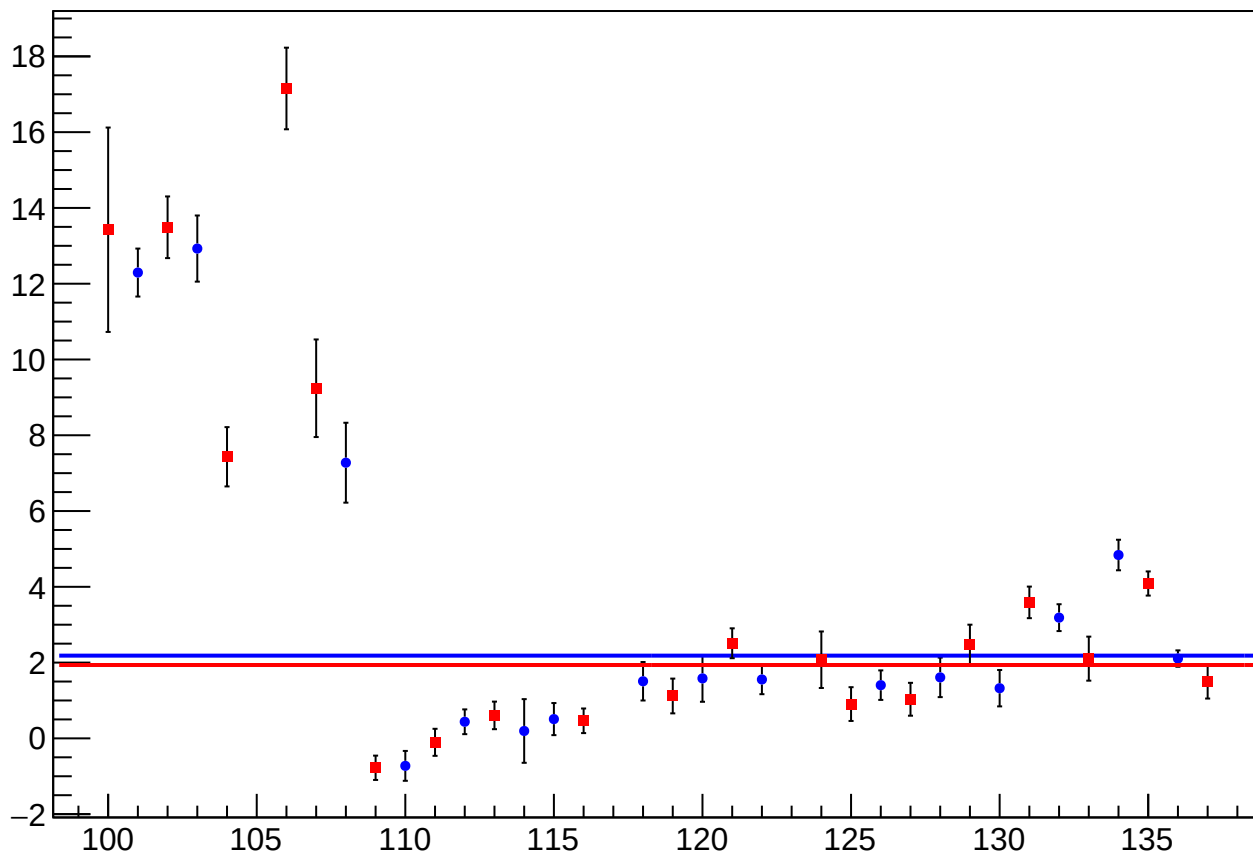
Right: -0.176+/-0.018 χ^2 /NDF: 1476.0/34

In: -0.100+/-0.024 χ^2 /NDF:631.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.176+/-0.018 χ^2 /NDF: 1476.0/34

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 2.184+/-0.105 χ^2/NDF : 599.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.936+/-0.105 χ^2/NDF : 717.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

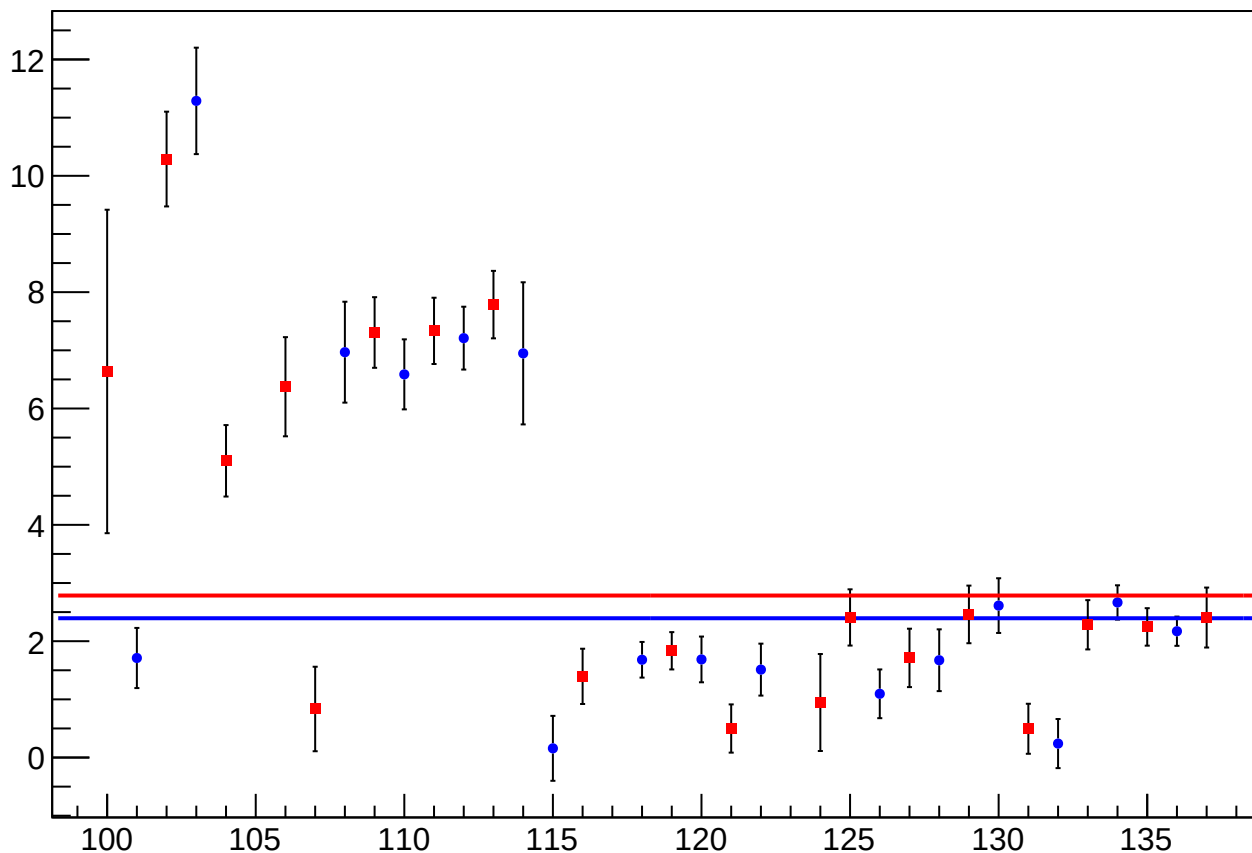
Right: 2.061+/-0.074 χ^2/NDF : 1319.2/34

In: 2.184+/-0.105 χ^2/NDF : 599.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.061+/-0.074 χ^2/NDF : 1319.2/34

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.394 $\pm$ 0.108 χ^2 /NDF: 333.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.785 $\pm$ 0.116 χ^2 /NDF: 410.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

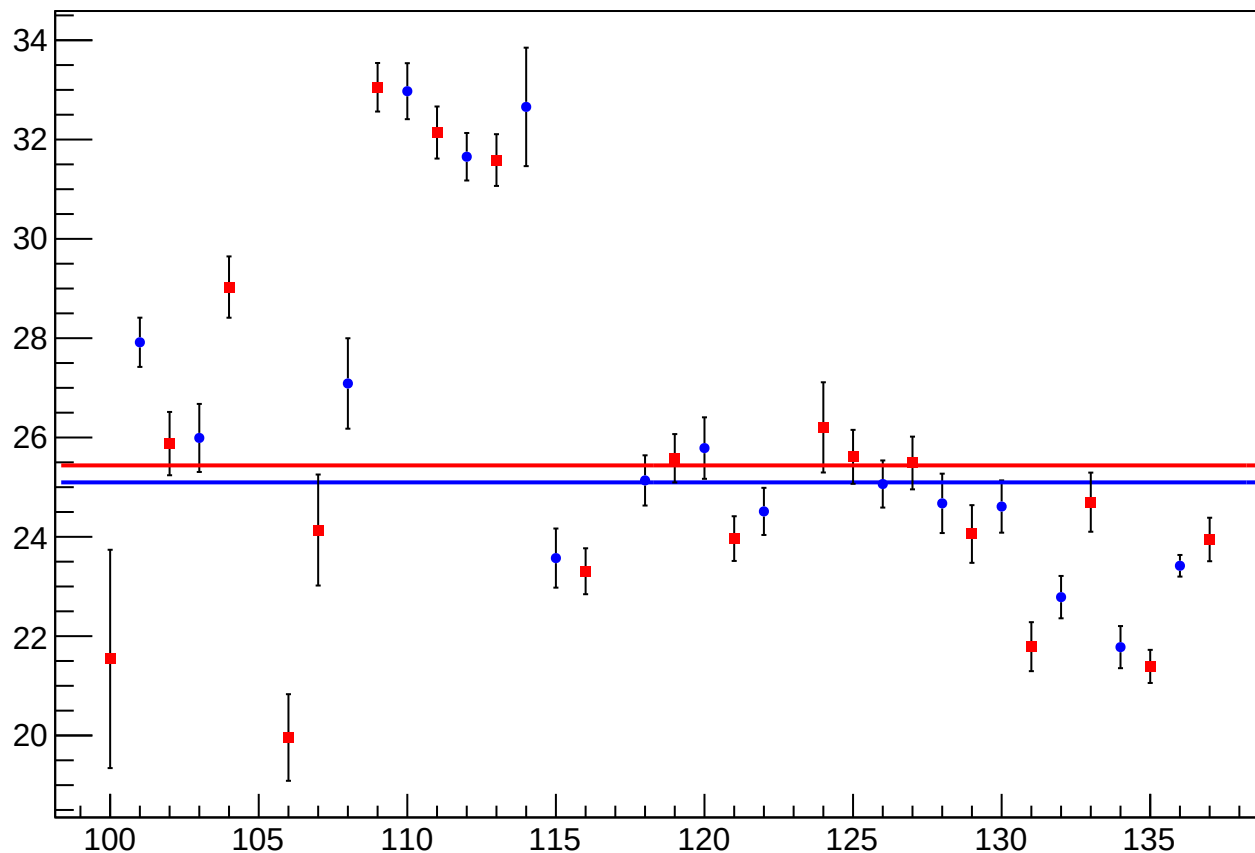
Right: 2.577 $\pm$ 0.079 χ^2 /NDF: 750.9/34

In: 2.394 $\pm$ 0.108 χ^2 /NDF:333.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.577 $\pm$ 0.079 χ^2 /NDF: 750.9/34

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 25.096+/-0.118 χ^2 /NDF: 622.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 25.438+/-0.124 χ^2 /NDF: 877.6/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

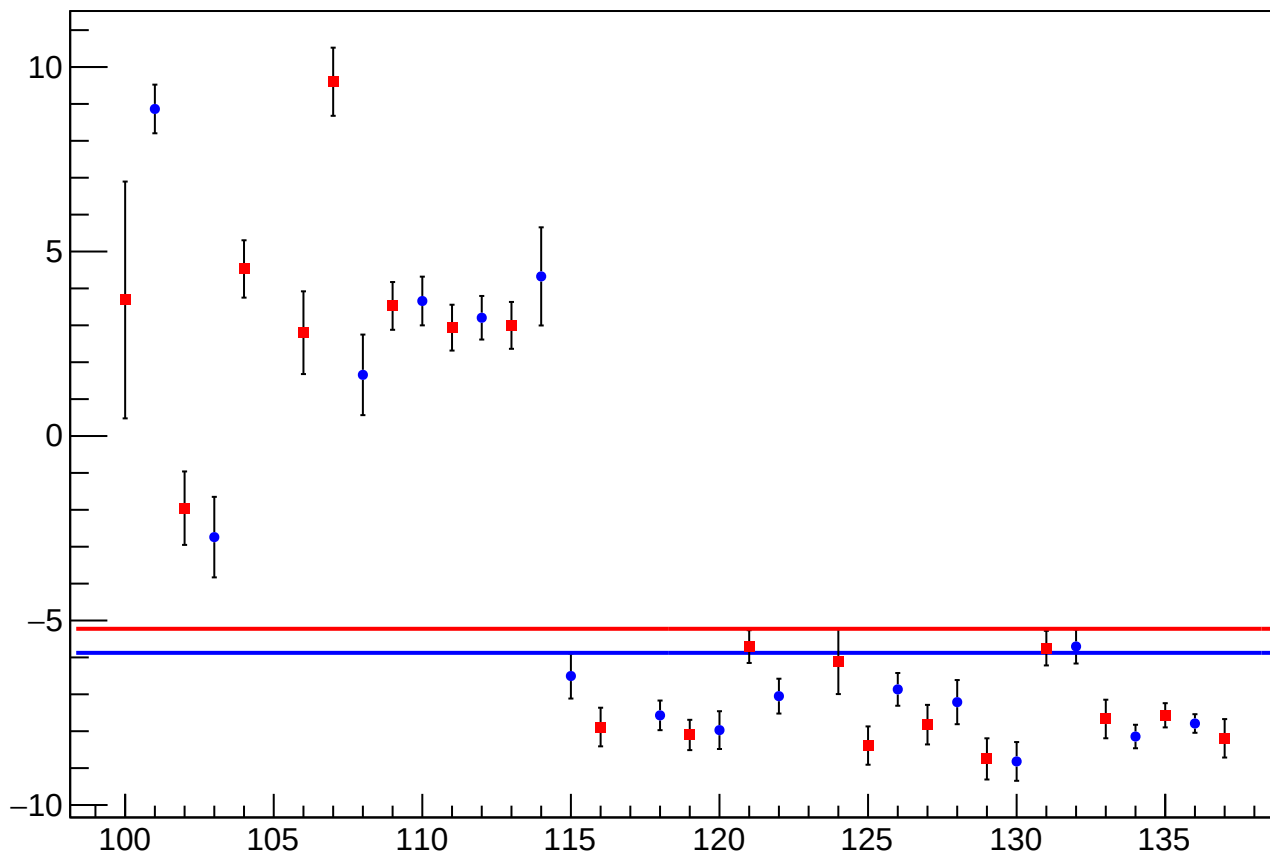
Right: 25.258+/-0.085 χ^2 /NDF: 1504.5/34

In: 25.096+/-0.118 χ^2 /NDF:622.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 25.258+/-0.085 χ^2 /NDF: 1504.5/34

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -5.876+/-0.121 χ^2 /NDF: 1251.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.225+/-0.129 χ^2 /NDF: 1292.0/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

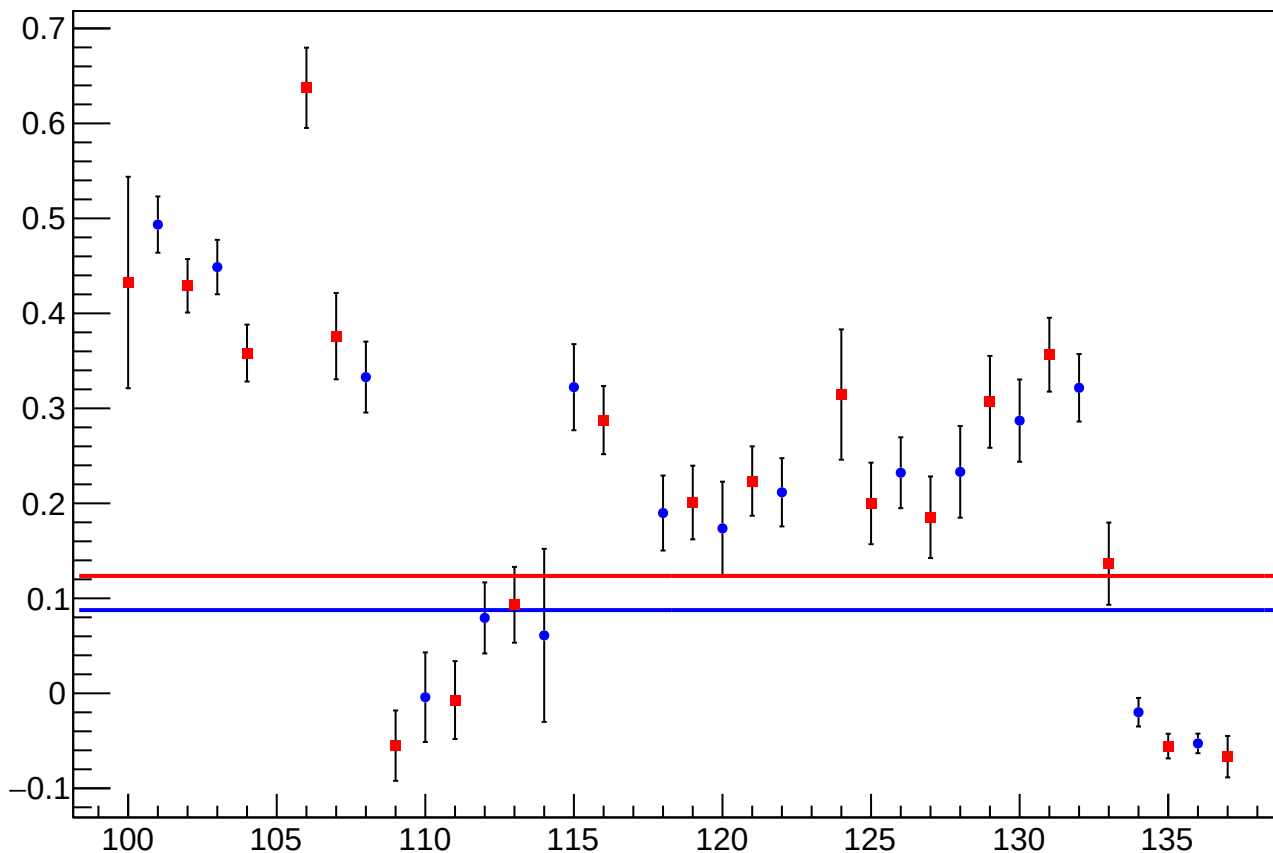
Right: -5.573+/-0.088 χ^2 /NDF: 2556.9/34

In: -5.876+/-0.121 χ^2 /NDF:1251.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -5.573+/-0.088 χ^2 /NDF: 2556.9/34

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.088 $\pm$ 0.007 χ^2 /NDF: 768.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.124 $\pm$ 0.007 χ^2 /NDF: 762.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

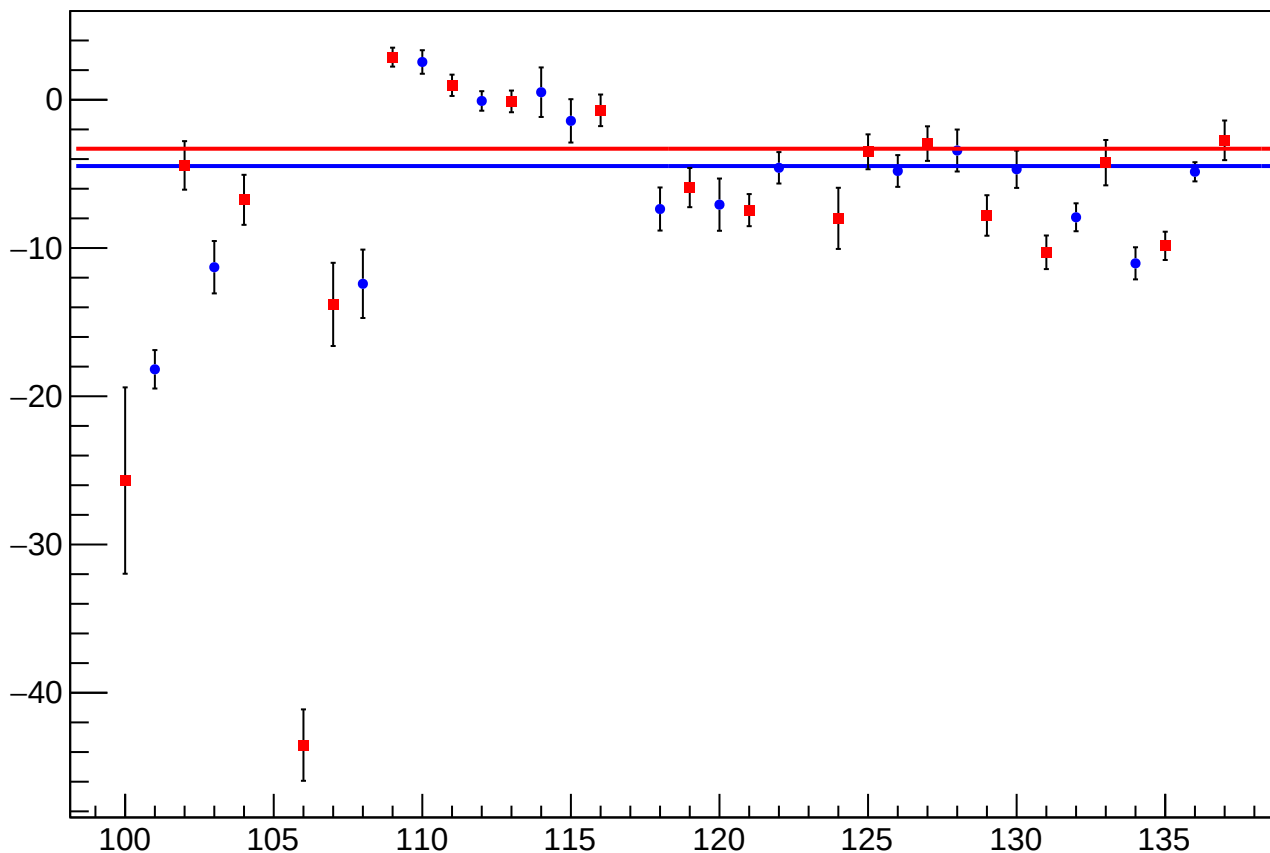
Right: 0.104 $\pm$ 0.005 χ^2 /NDF: 1543.6/34

In: 0.088 $\pm$ 0.007 χ^2 /NDF:768.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.104 $\pm$ 0.005 χ^2 /NDF: 1543.6/34

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.471+/-0.268 χ^2/NDF : 331.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.302+/-0.261 χ^2/NDF : 584.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

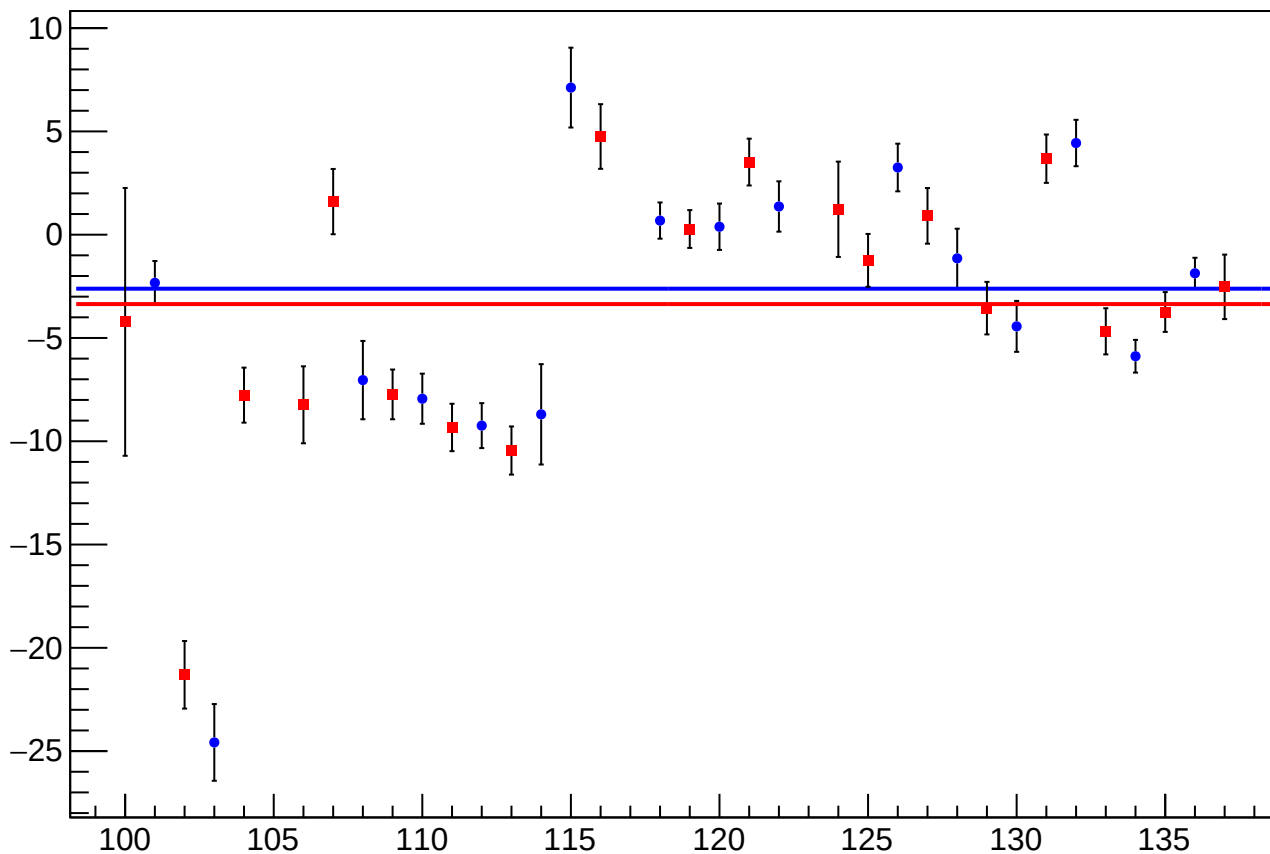
Right: -3.869+/-0.187 χ^2/NDF : 926.1/34

In: -4.471+/-0.268 χ^2/NDF : 331.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.869+/-0.187 χ^2/NDF : 926.1/34

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.615+/-0.286 χ^2/NDF : 351.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.359+/-0.299 χ^2/NDF : 359.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

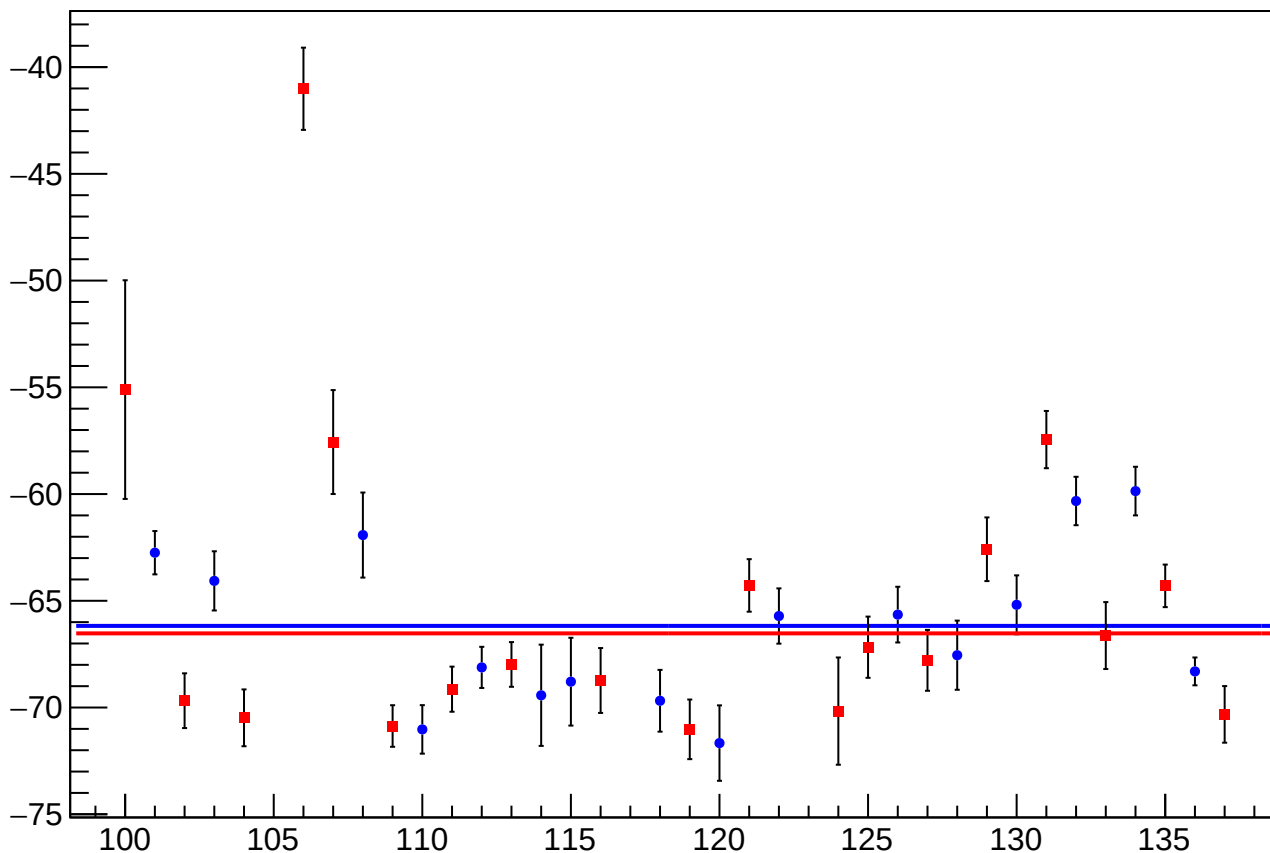
Right: -2.970+/-0.206 χ^2/NDF : 714.8/34

In: -2.615+/-0.286 χ^2/NDF : 351.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.970+/-0.206 χ^2/NDF : 714.8/34

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.176 $\pm$ 0.304 χ^2 /NDF: 129.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -66.526 $\pm$ 0.312 χ^2 /NDF: 321.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

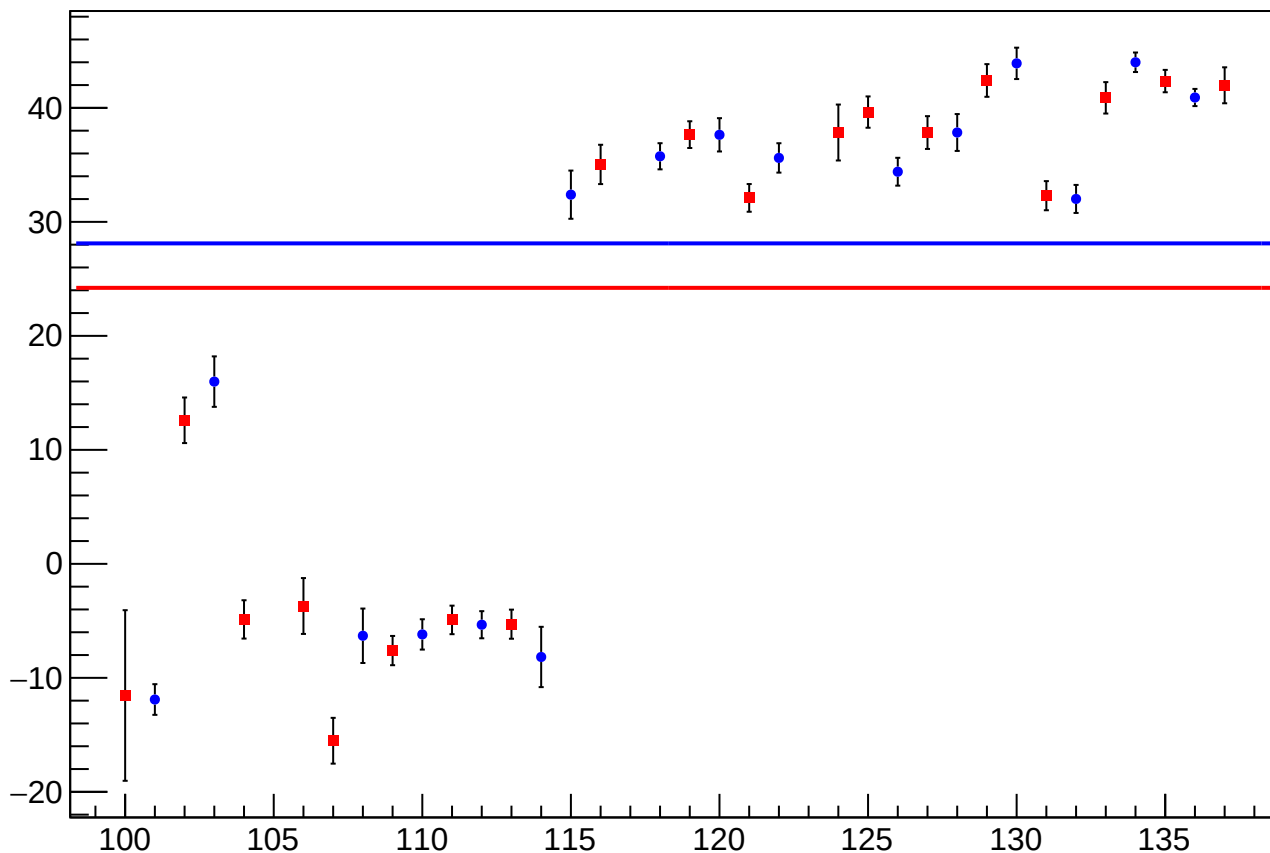
Right: -66.346 $\pm$ 0.218 χ^2 /NDF: 451.5/34

In: -66.176 $\pm$ 0.304 χ^2 /NDF:129.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.346 $\pm$ 0.218 χ^2 /NDF: 451.5/34

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.112+/-0.320 χ^2 /NDF: 3727.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 24.212+/-0.336 χ^2 /NDF: 3841.7/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

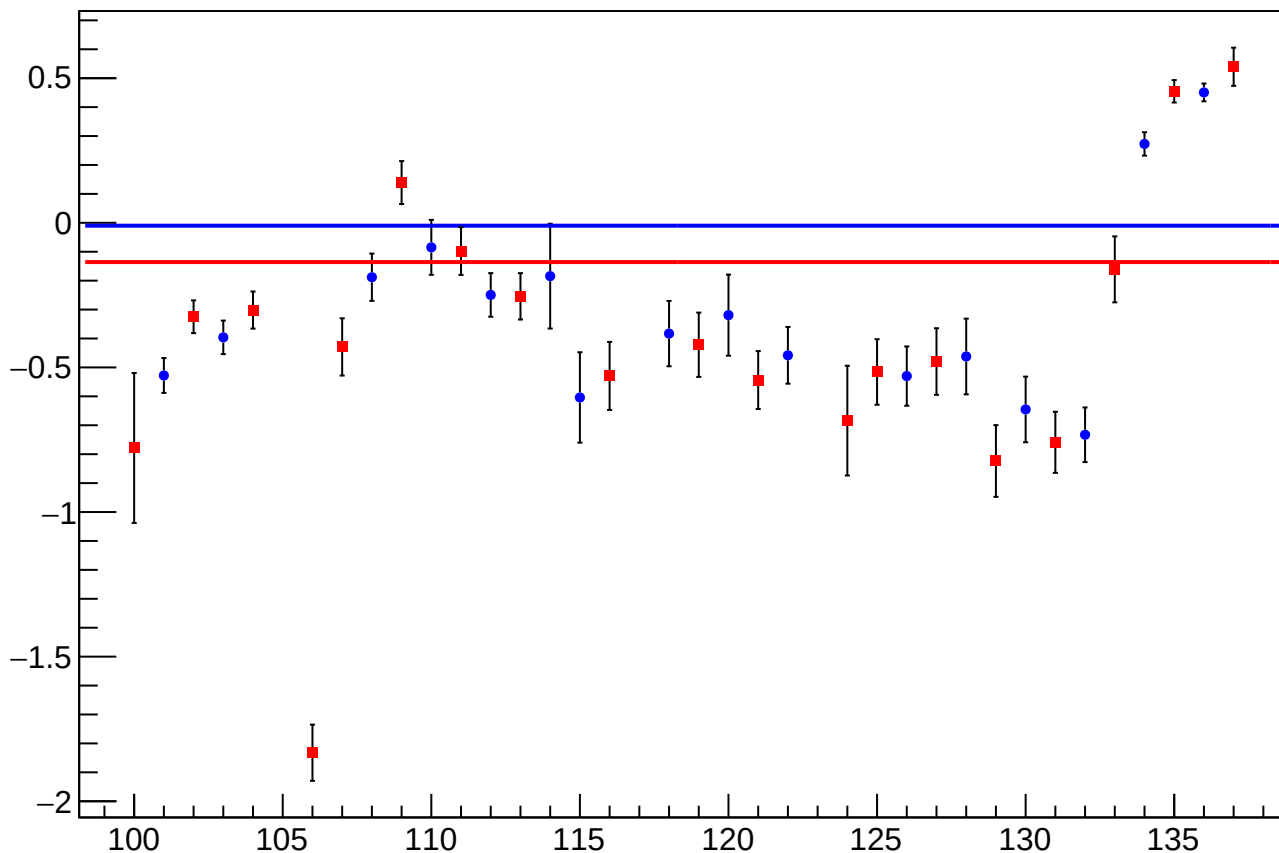
Right: 26.255+/-0.232 χ^2 /NDF: 7640.1/34

In: 28.112+/-0.320 χ^2 /NDF:3727.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 26.255+/-0.232 χ^2 /NDF: 7640.1/34

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.010+/-0.017 χ^2 /NDF: 587.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.136+/-0.019 χ^2 /NDF: 818.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

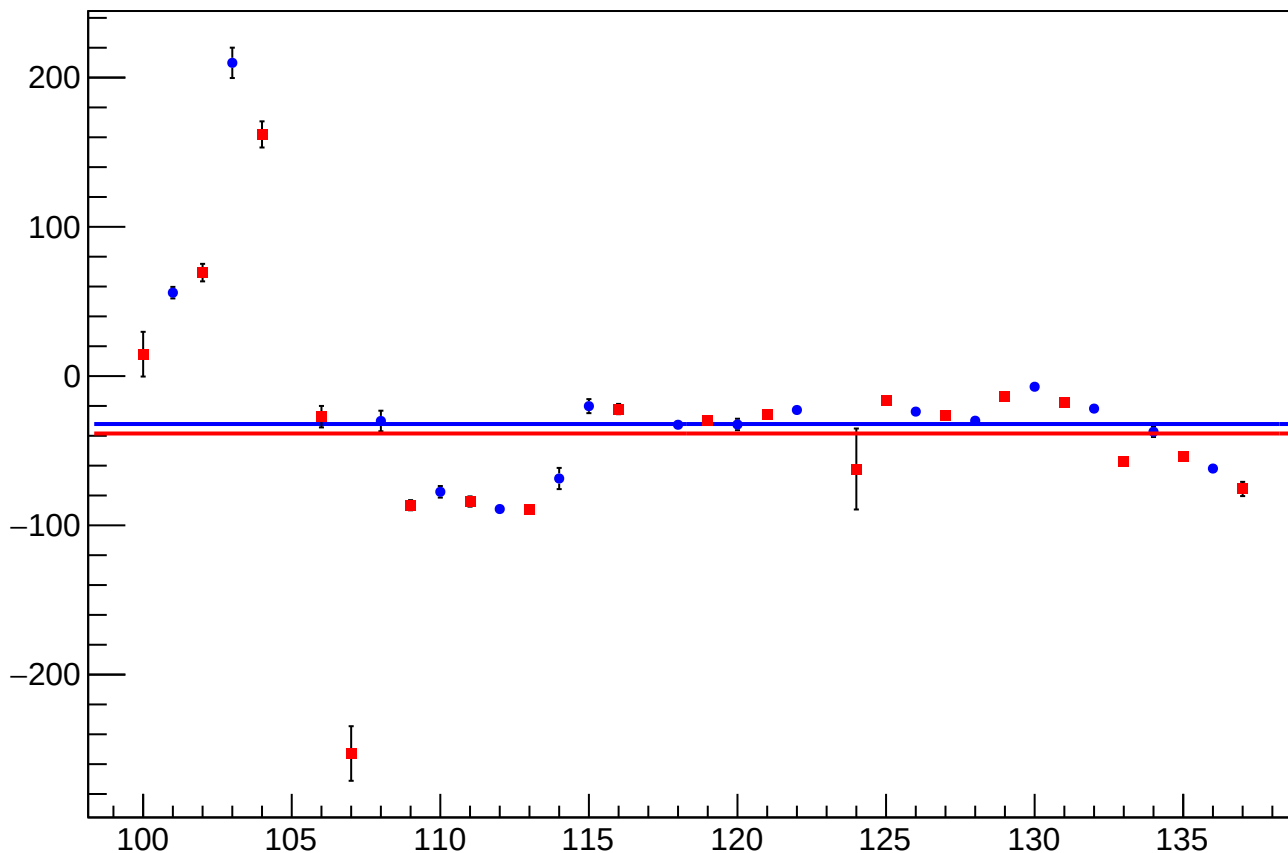
Right: -0.068+/-0.013 χ^2 /NDF: 1430.0/34

In: -0.010+/-0.017 χ^2 /NDF:587.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.068+/-0.013 χ^2 /NDF: 1430.0/34

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.117 $\pm$ 0.843 χ^2 /NDF: 1877.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.462 $\pm$ 0.864 χ^2 /NDF: 1972.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

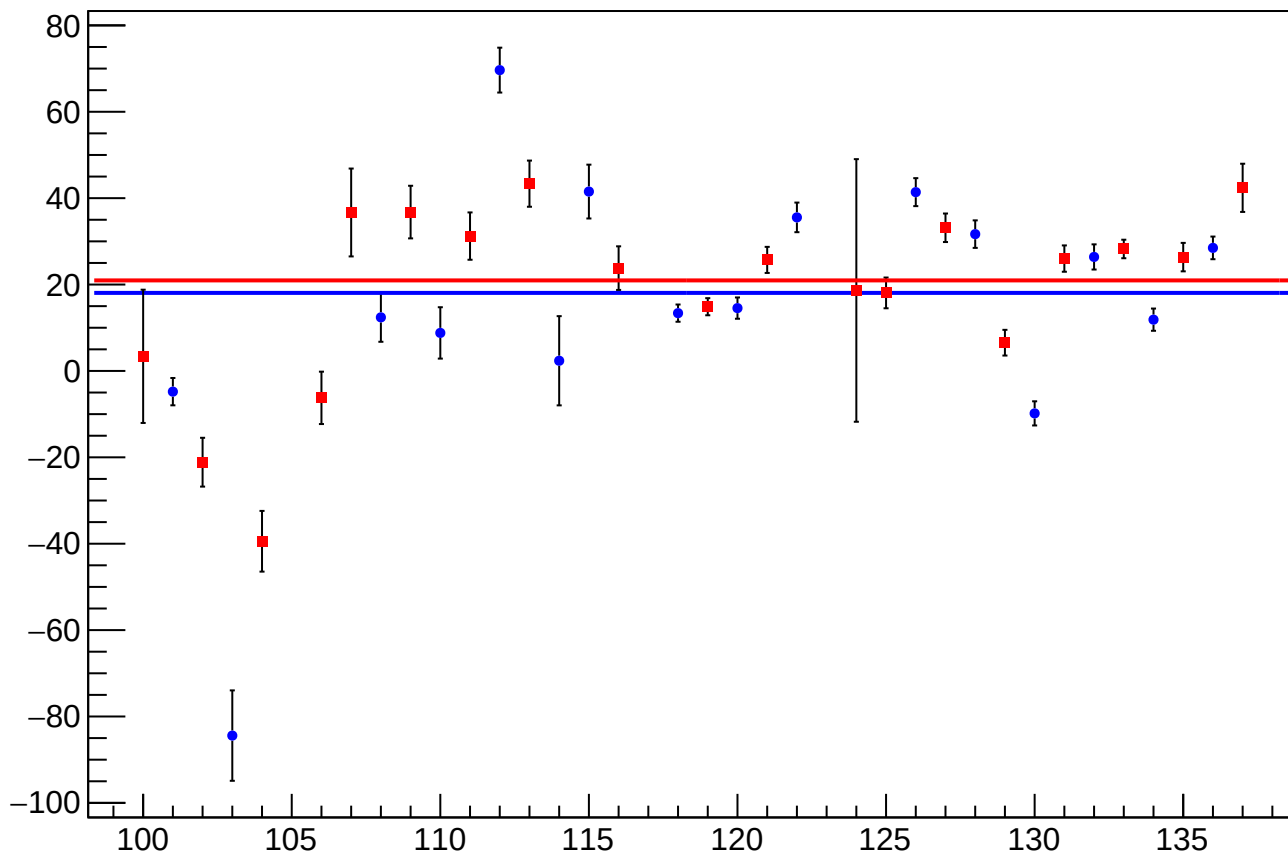
Right: -35.208 $\pm$ 0.603 χ^2 /NDF: 3877.6/34

In: -32.117 $\pm$ 0.843 χ^2 /NDF:1877.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.208 $\pm$ 0.603 χ^2 /NDF: 3877.6/34

reg_asym_atl1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 18.068+/-0.823 χ^2/NDF : 499.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.959+/-0.868 χ^2/NDF : 262.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

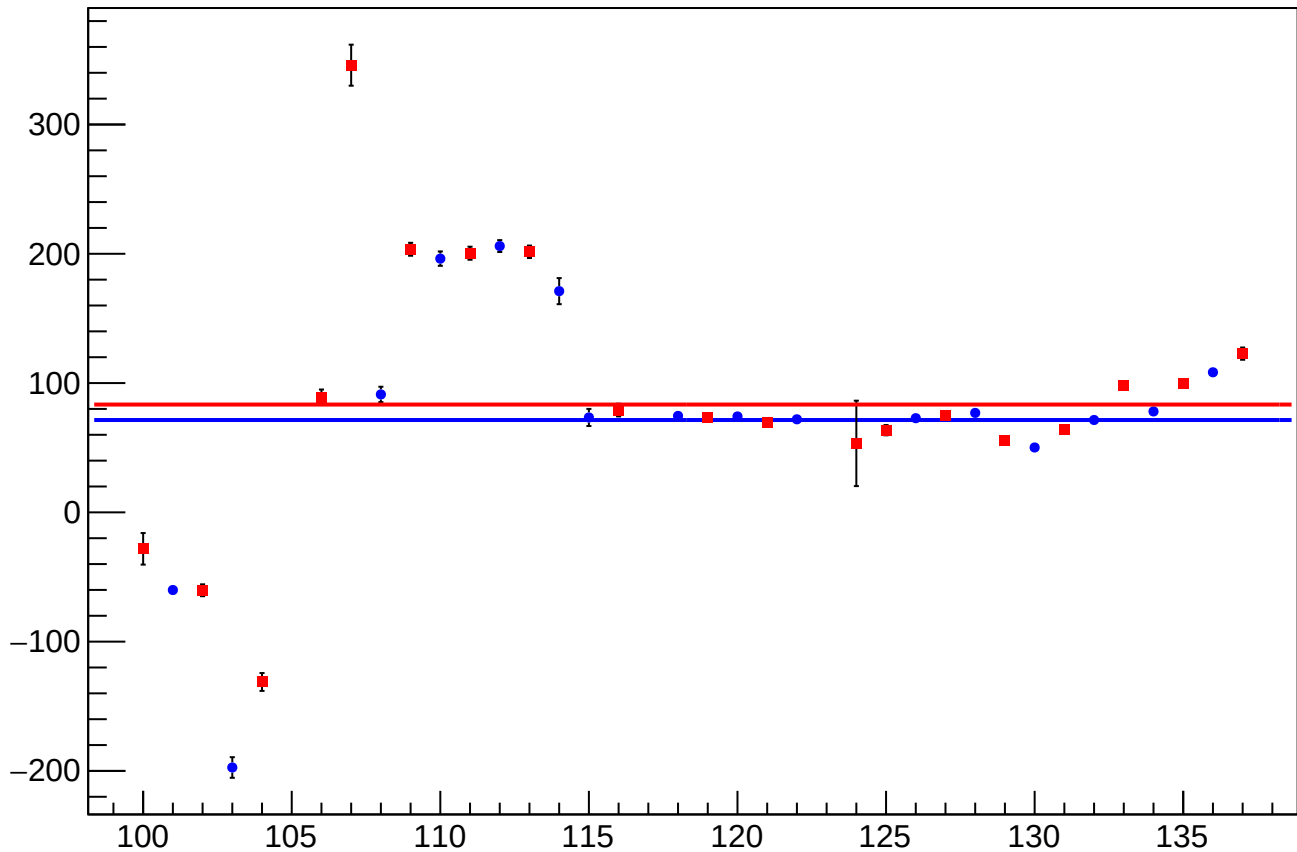
Right: 19.435+/-0.597 χ^2/NDF : 768.0/34

In: 18.068+/-0.823 χ^2/NDF : 499.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.435+/-0.597 χ^2/NDF : 768.0/34

reg_asym_atl1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 71.421+/-0.931 χ^2/NDF : 4819.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.385+/-0.985 χ^2/NDF : 4297.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

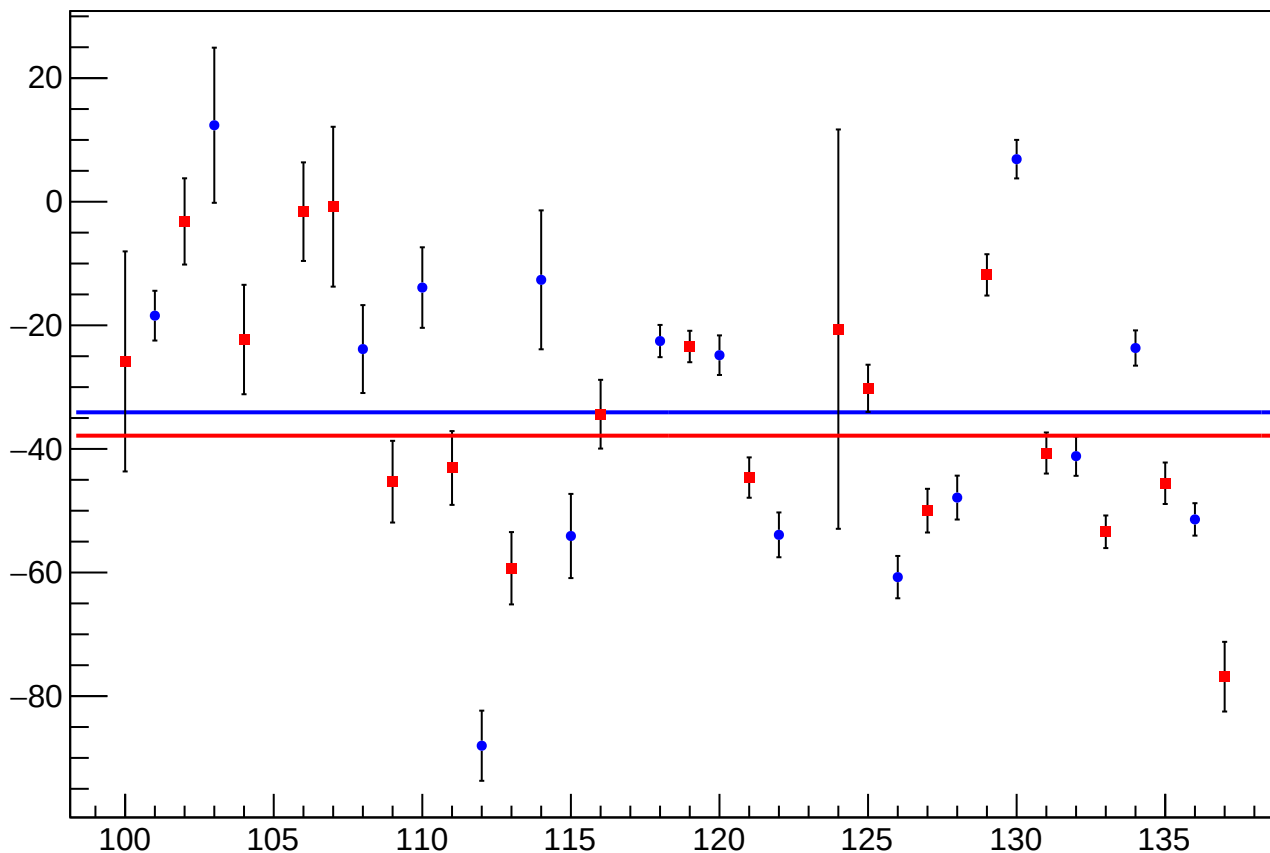
Right: 77.066+/-0.677 χ^2/NDF : 9194.8/34

In: 71.421+/-0.931 χ^2/NDF : 4819.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.066+/-0.677 χ^2/NDF : 9194.8/34

reg_asym_atl1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.077+/-0.942 χ^2/NDF : 511.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -37.855+/-0.994 χ^2/NDF : 274.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

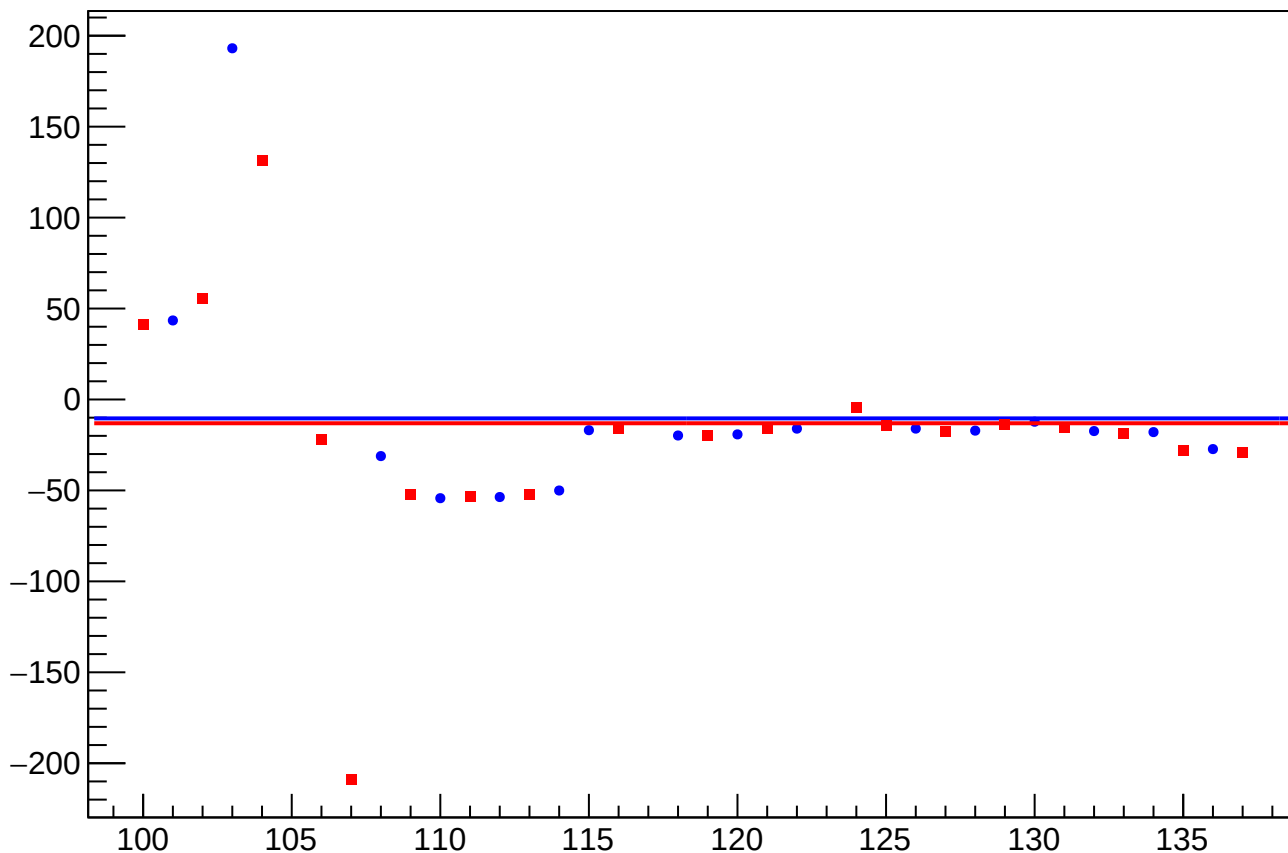
Right: -35.865+/-0.684 χ^2/NDF : 793.4/34

In: -34.077+/-0.942 χ^2/NDF :511.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -35.865+/-0.684 χ^2/NDF : 793.4/34

reg_asym_atl1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -10.400 ± 0.057 $\chi^2/\text{NDF}: 522334.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.074 ± 0.063 $\chi^2/\text{NDF}: 449609.3/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

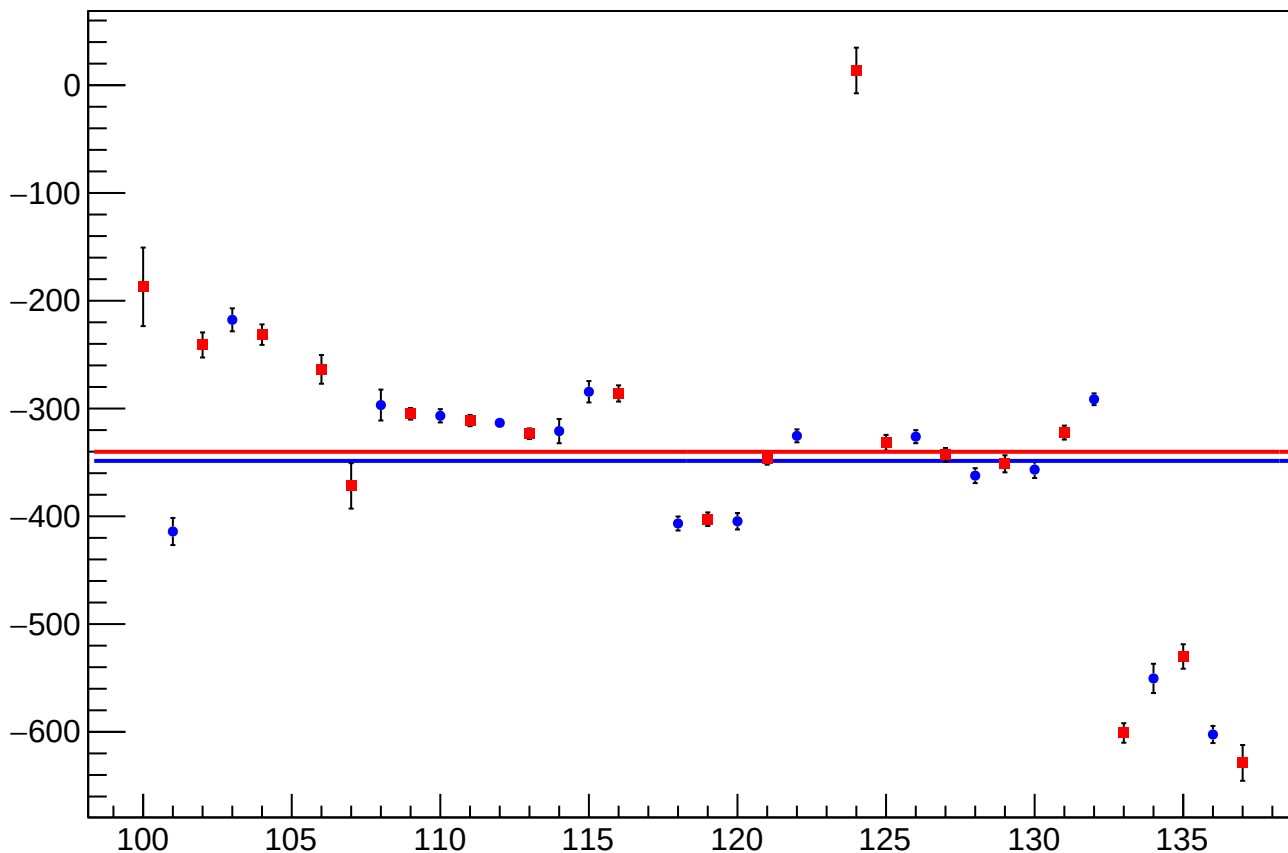
Right: -11.607 ± 0.042 $\chi^2/\text{NDF}: 972944.0/34$

In: -10.400 ± 0.057 $\chi^2/\text{NDF}: 522334.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -11.607 ± 0.042 $\chi^2/\text{NDF}: 972944.0/34$

reg_asym_atl2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -348.586+/-1.825 χ^2/NDF : 1858.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -340.144+/-1.759 χ^2/NDF : 2197.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

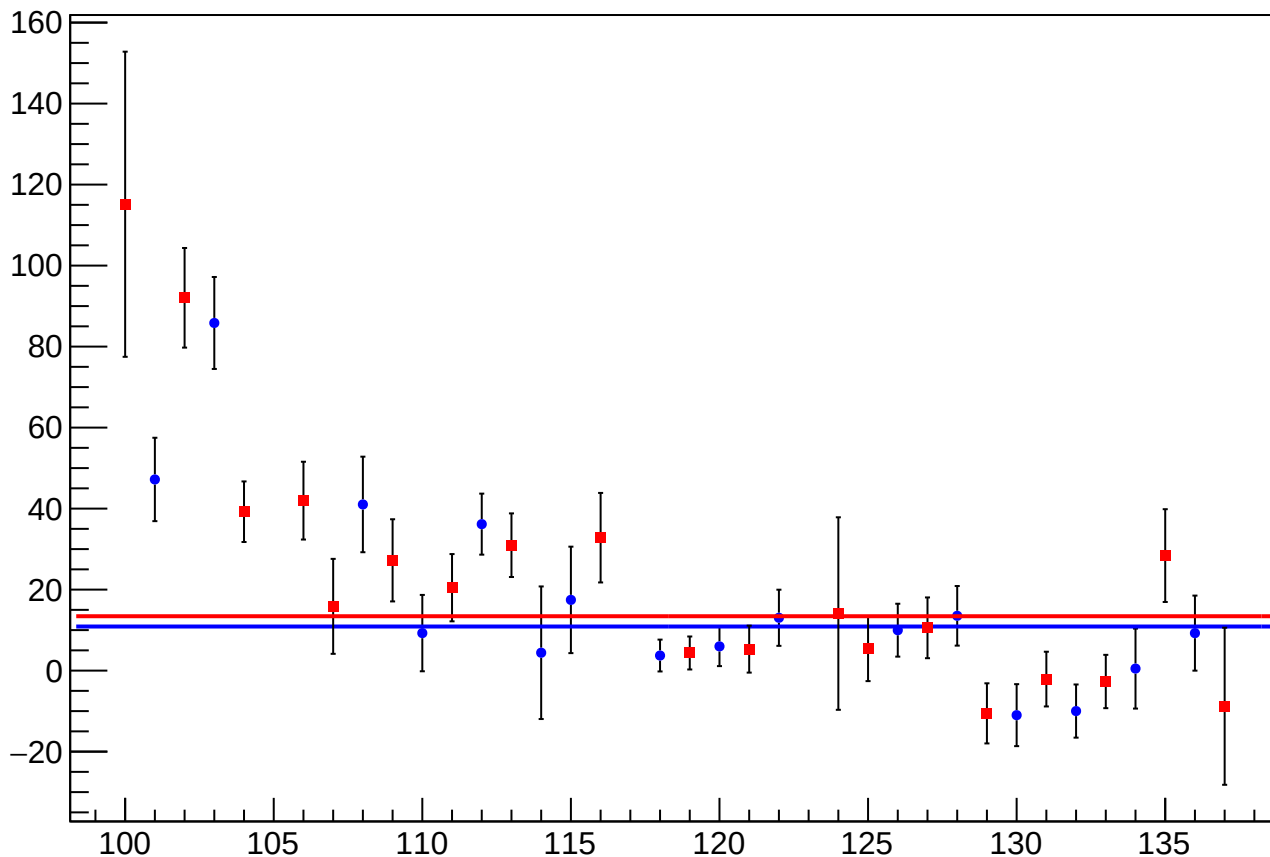
Right: -344.211+/-1.267 χ^2/NDF : 4066.5/34

In: -348.586+/-1.825 χ^2/NDF :1858.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -344.211+/-1.267 χ^2/NDF : 4066.5/34

reg_asym_atl2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.888+/-1.843 χ^2/NDF : 98.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.427+/-1.854 χ^2/NDF : 112.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

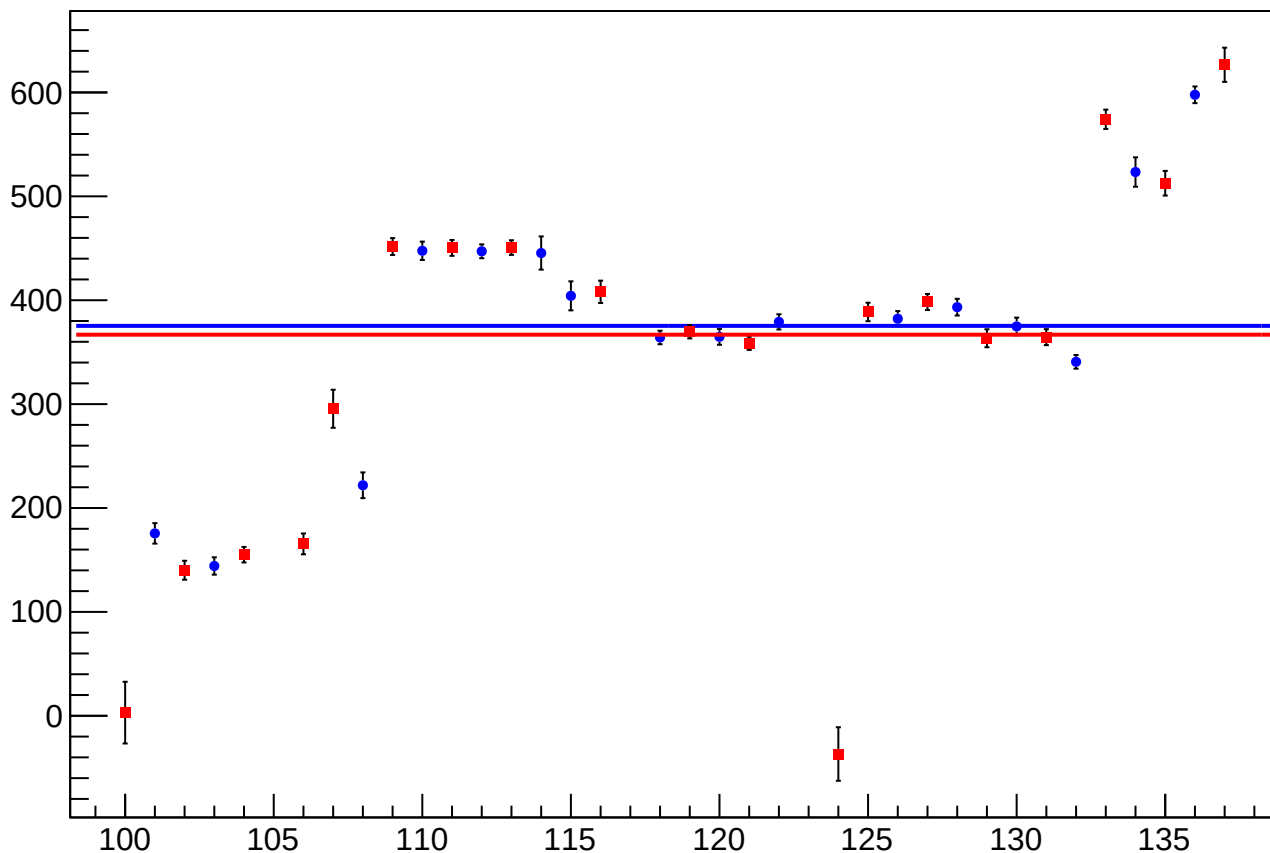
Right: 12.149+/-1.307 χ^2/NDF : 211.6/34

In: 10.888+/-1.843 χ^2/NDF : 98.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.149+/-1.307 χ^2/NDF : 211.6/34

reg_asym_atl2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 375.321+/-2.103 χ^2/NDF : 2449.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 366.830+/-2.049 χ^2/NDF : 3541.1/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

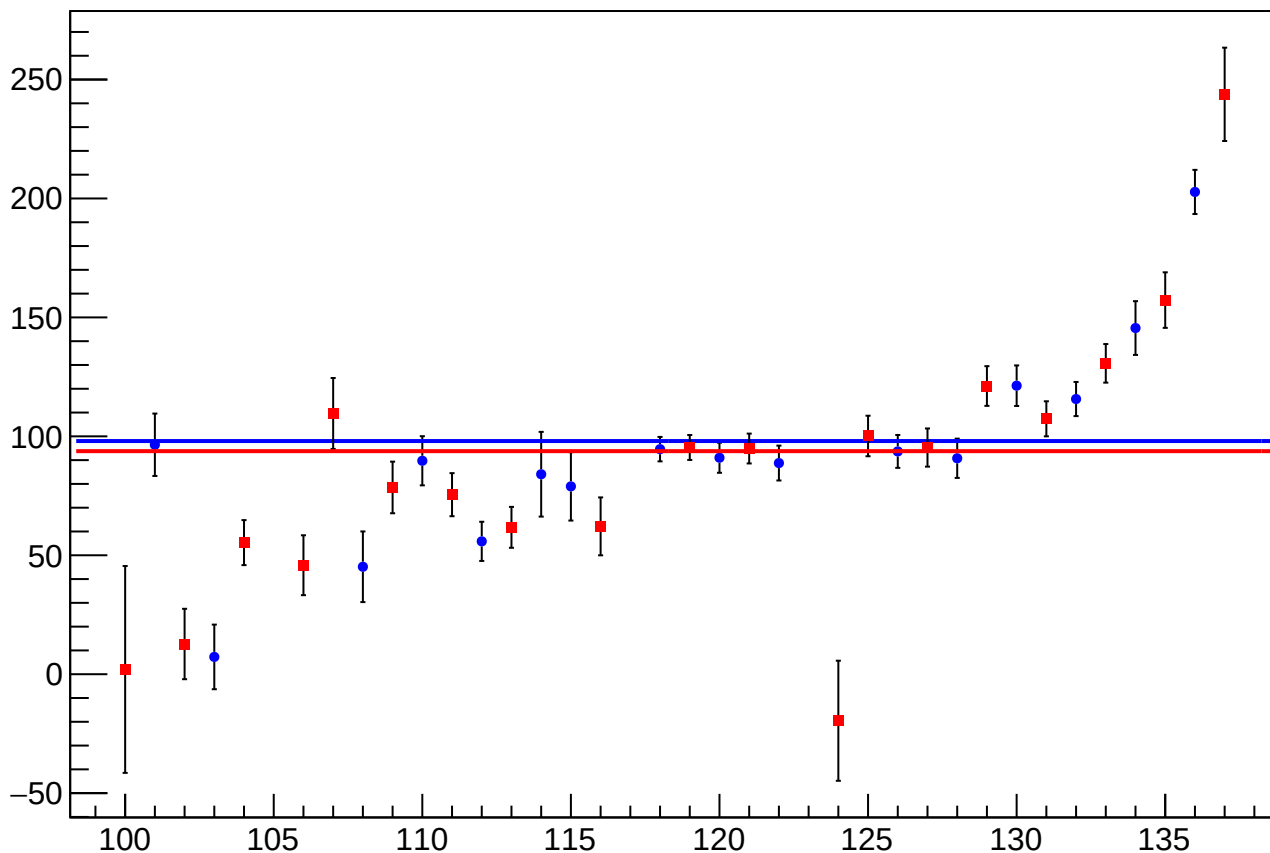
Right: 370.966+/-1.468 χ^2/NDF : 5998.9/34

In: 375.321+/-2.103 χ^2/NDF :2449.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 370.966+/-1.468 χ^2/NDF : 5998.9/34

reg_asym_atl2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 98.021+/-2.144 χ^2/NDF : 249.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 93.771+/-2.138 χ^2/NDF : 237.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

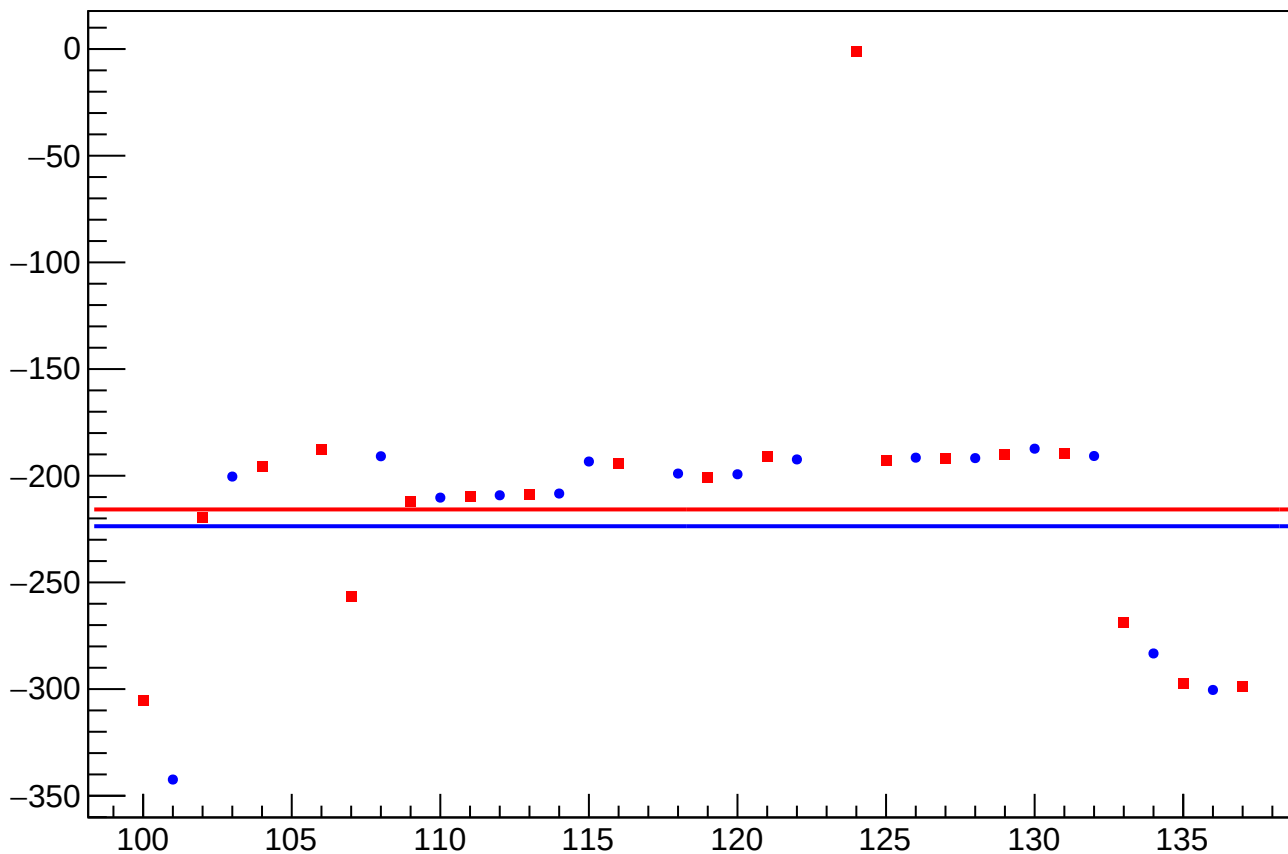
Right: 95.890+/-1.514 χ^2/NDF : 488.6/34

In: 98.021+/-2.144 χ^2/NDF : 249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.890+/-1.514 χ^2/NDF : 488.6/34

reg_asym_atl2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -223.666+/-0.138 χ^2/NDF : 121528.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -215.797+/-0.134 χ^2/NDF : 81516.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

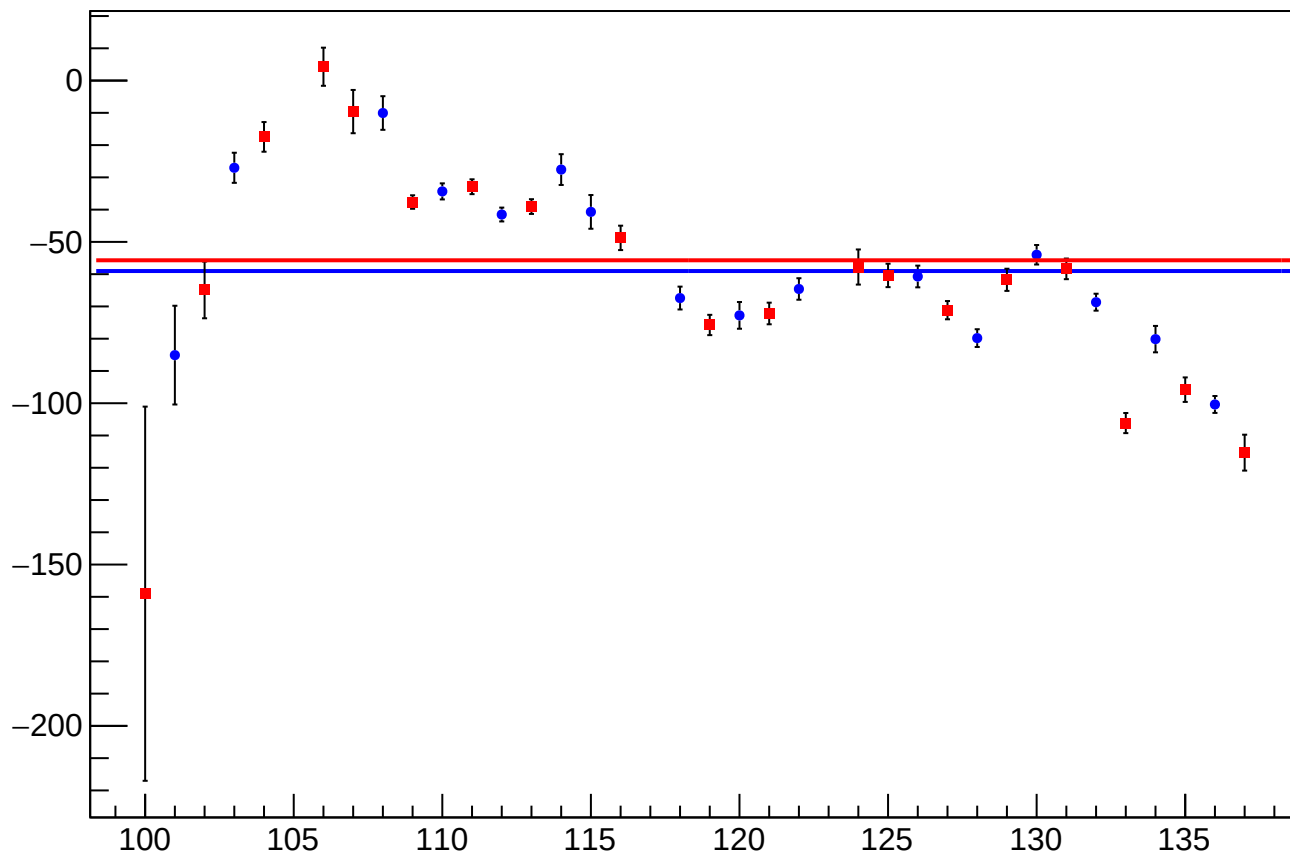
Right: -219.617+/-0.096 χ^2/NDF : 204711.3/34

In: -223.666+/-0.138 χ^2/NDF : 121528.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.617+/-0.096 χ^2/NDF : 204711.3/34

reg_asym_atr1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -59.030 ± 0.829 χ^2/NDF : 727.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -55.701 ± 0.790 χ^2/NDF : 1041.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

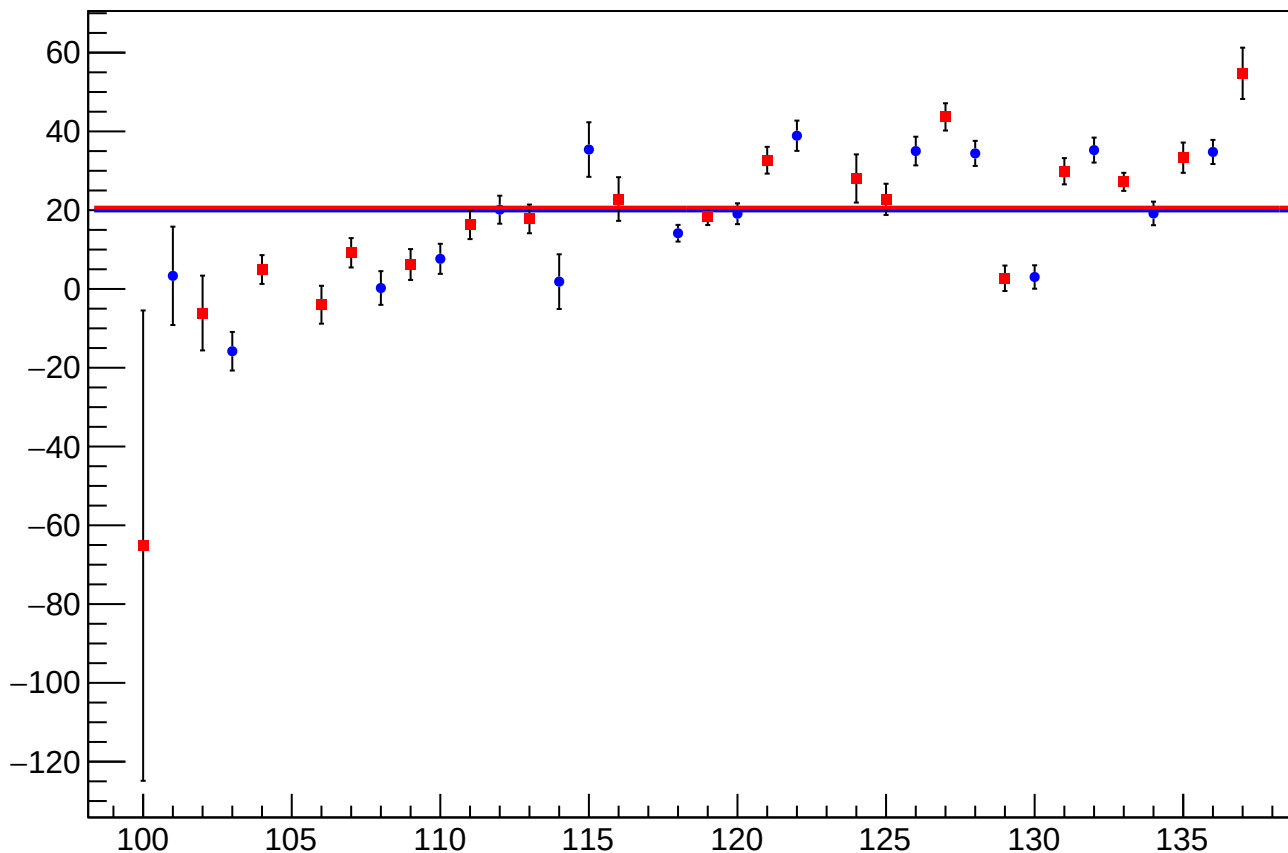
Right: -57.284 ± 0.572 χ^2/NDF : 1776.9/34

In: -59.030 ± 0.829 χ^2/NDF : 727.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -57.284 ± 0.572 χ^2/NDF : 1776.9/34

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.946+/-0.867 χ^2/NDF : 247.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.643+/-0.844 χ^2/NDF : 224.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

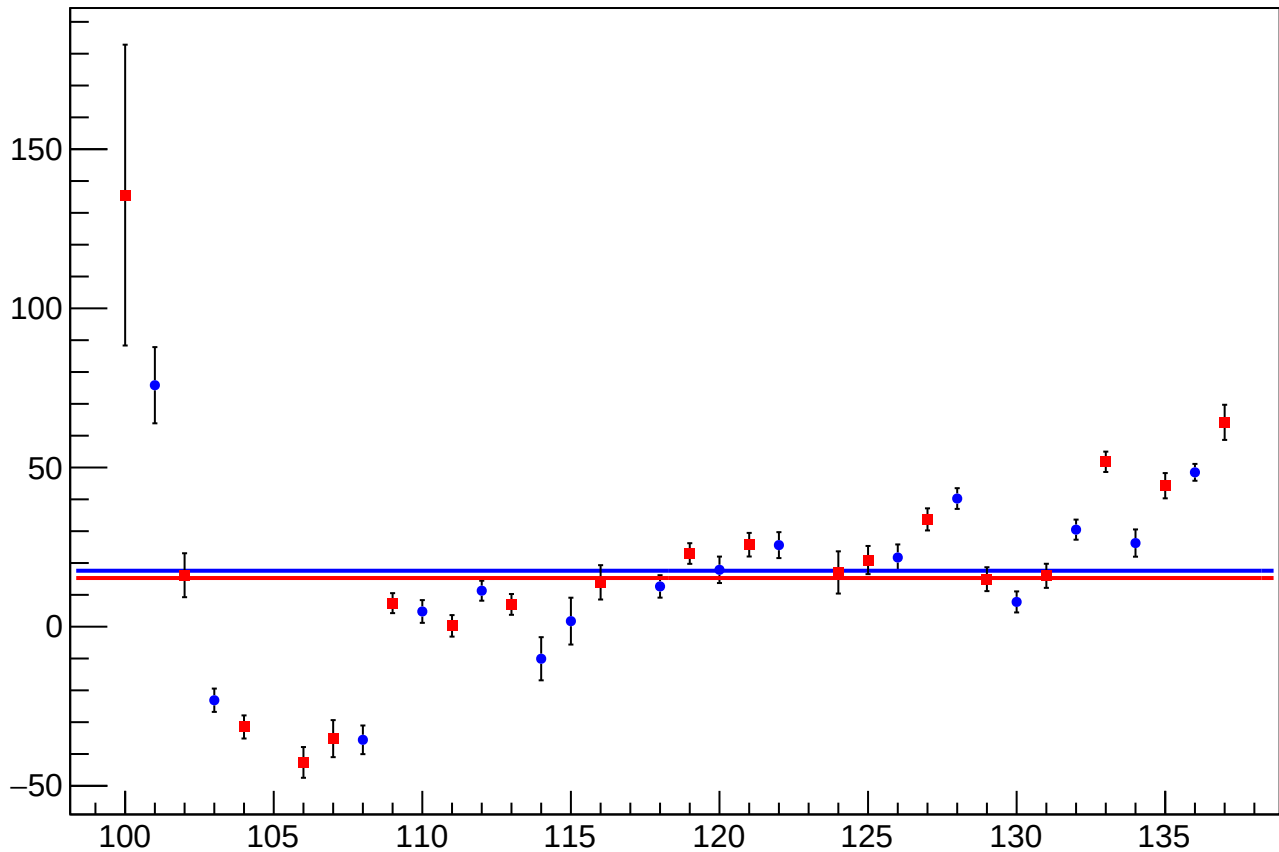
Right: 20.304+/-0.605 χ^2/NDF : 472.3/34

In: 19.946+/-0.867 χ^2/NDF : 247.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.304+/-0.605 χ^2/NDF : 472.3/34

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.574 $\pm$ 0.957 χ^2 /NDF: 546.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.283 $\pm$ 0.934 χ^2 /NDF: 730.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

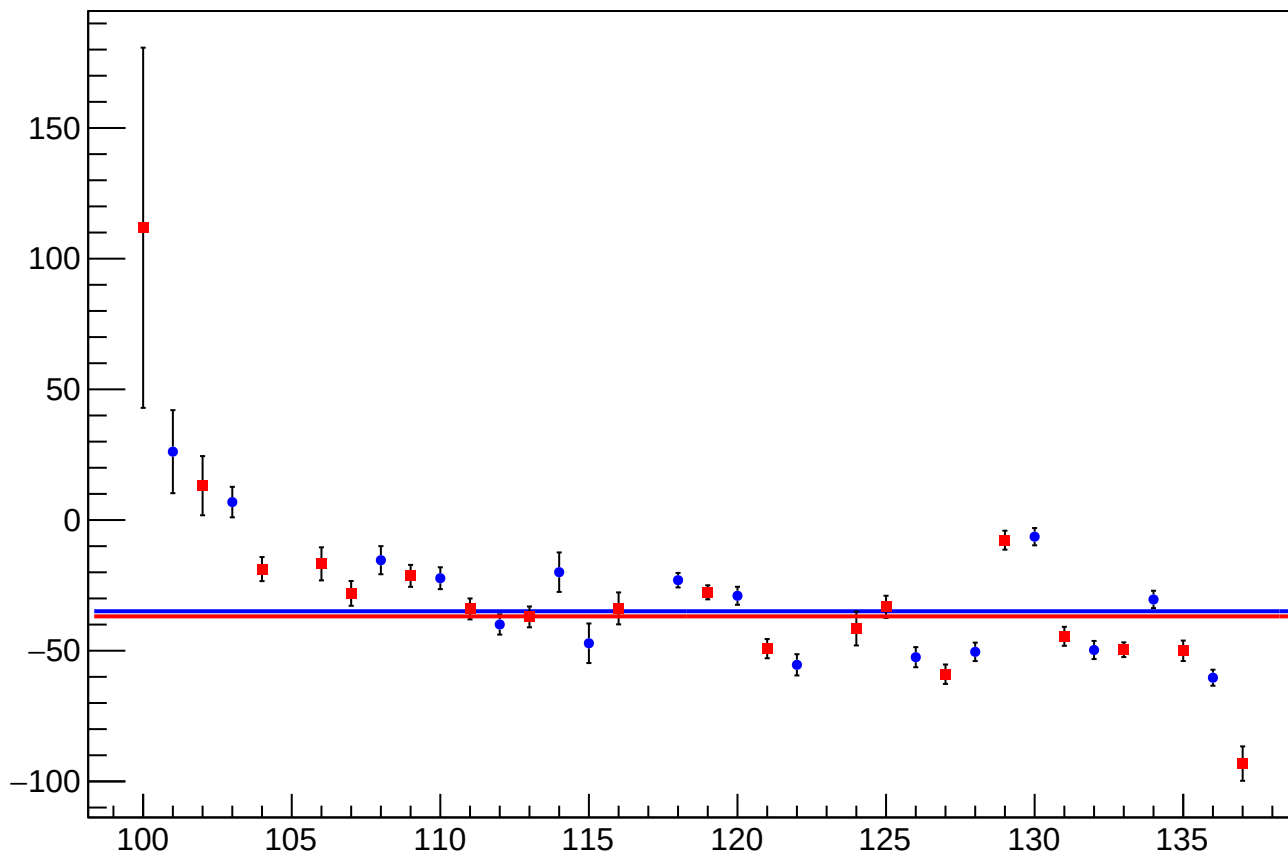
Right: 16.401 $\pm$ 0.668 χ^2 /NDF: 1279.2/34

In: 17.574 $\pm$ 0.957 χ^2 /NDF: 546.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.401 $\pm$ 0.668 χ^2 /NDF: 1279.2/34

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.899 $\pm$ 0.990 χ^2 /NDF: 346.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -36.853 $\pm$ 0.970 χ^2 /NDF: 301.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

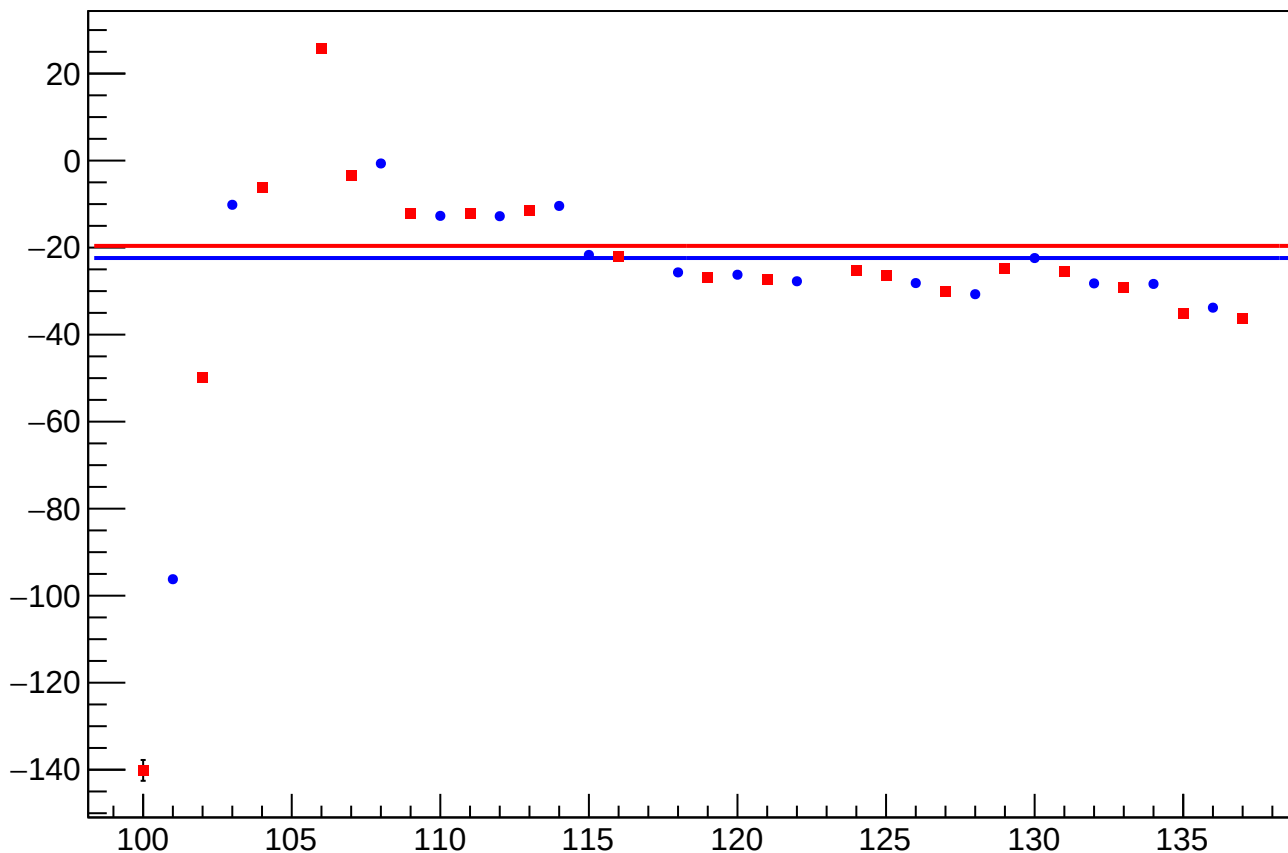
Right: -35.897 $\pm$ 0.693 χ^2 /NDF: 650.0/34

In: -34.899 $\pm$ 0.990 χ^2 /NDF:346.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -35.897 $\pm$ 0.693 χ^2 /NDF: 650.0/34

reg_asym_atr1_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -22.394+/-0.058 χ^2/NDF : 46519.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.605+/-0.059 χ^2/NDF : 83865.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

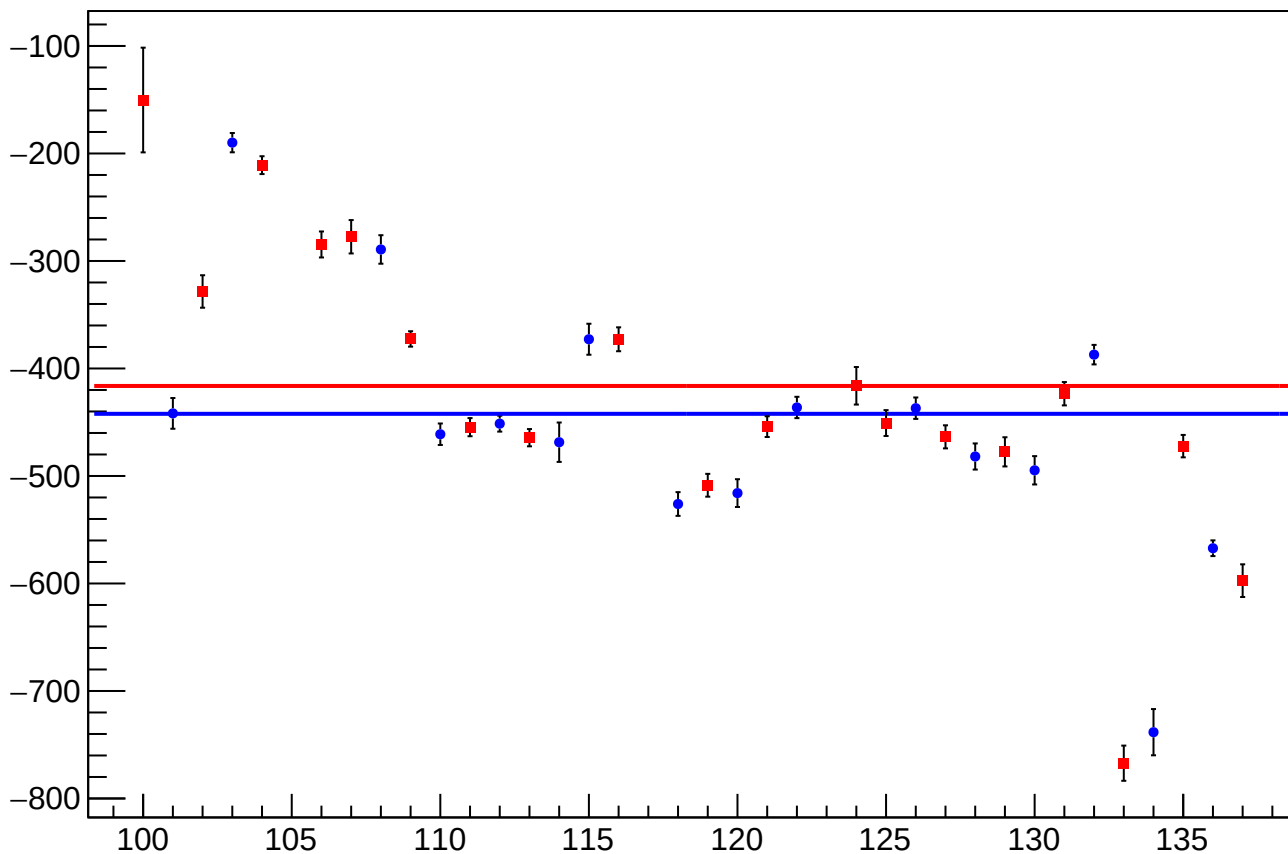
Right: -21.027+/-0.042 χ^2/NDF : 131507.1/34

In: -22.394+/-0.058 χ^2/NDF : 46519.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -21.027+/-0.042 χ^2/NDF : 131507.1/34

reg_asym_atr2_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -442.182 ± 2.682 χ^2/NDF : 1589.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -416.259 ± 2.523 χ^2/NDF : 1753.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

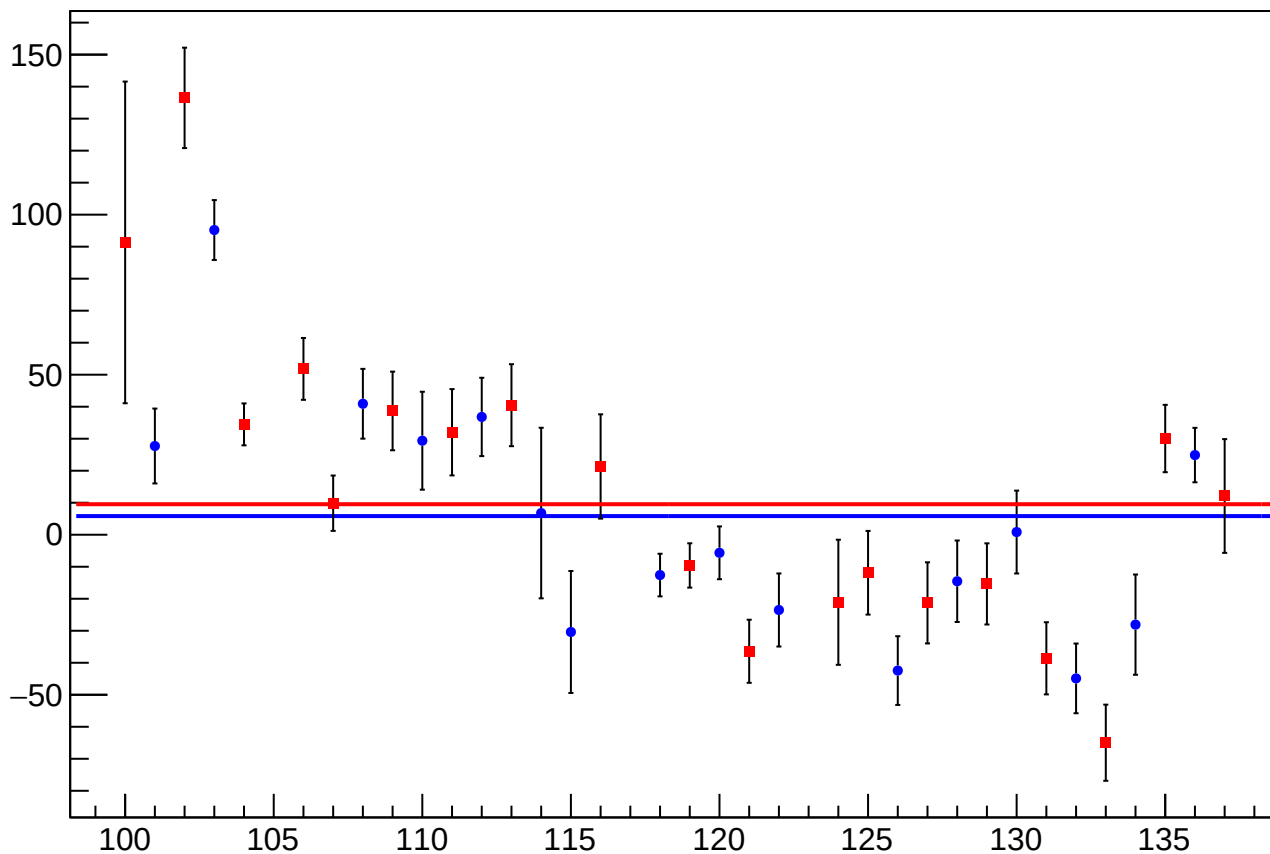
Right: -428.429 ± 1.837 χ^2/NDF : 3392.5/34

In: -442.182 ± 2.682 χ^2/NDF : 1589.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -428.429 ± 1.837 χ^2/NDF : 3392.5/34

reg_asym_atr2_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.824+/-2.728 χ^2/NDF : 188.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.536+/-2.556 χ^2/NDF : 222.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

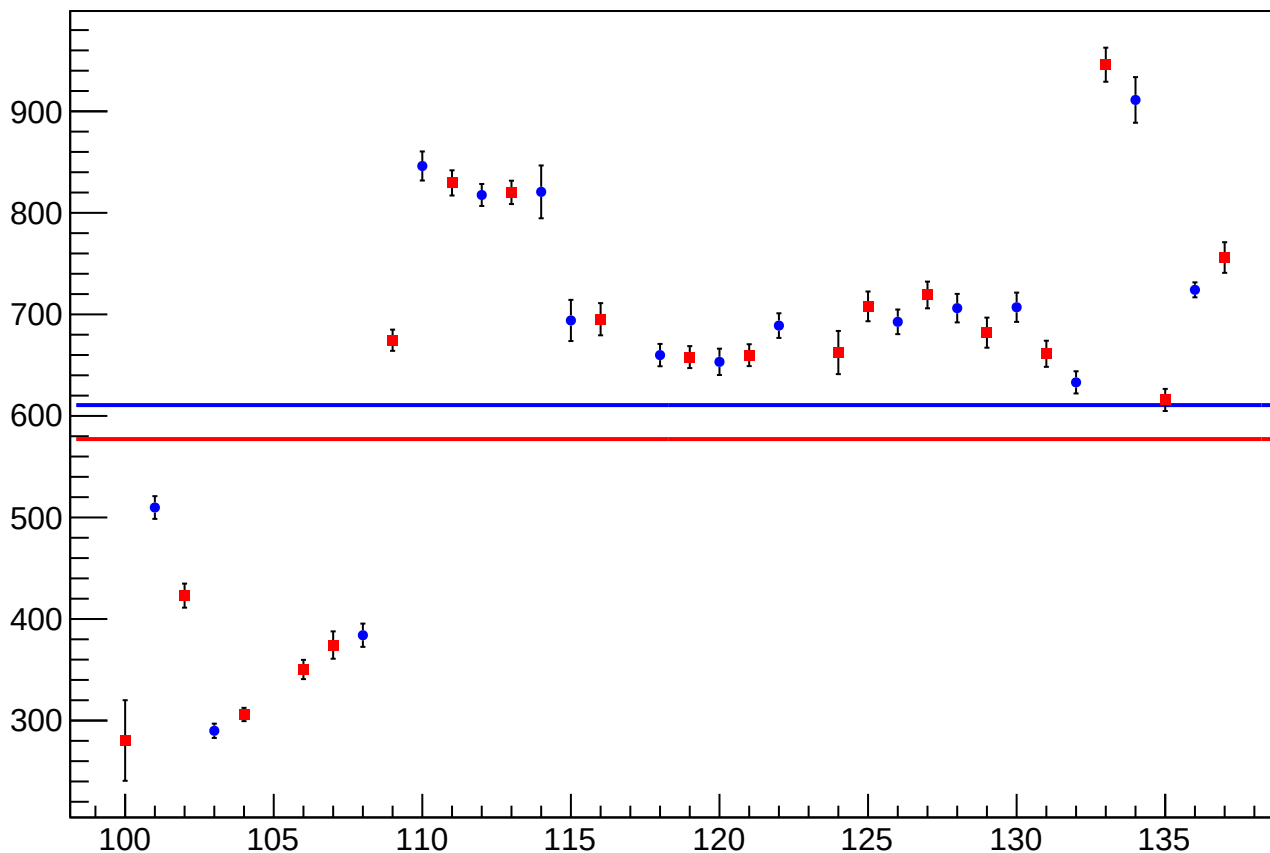
Right: 7.800+/-1.865 χ^2/NDF : 411.3/34

In: 5.824+/-2.728 χ^2/NDF : 188.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.800+/-1.865 χ^2/NDF : 411.3/34

reg_asym_atr2_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 610.665+/-2.892 χ^2/NDF : 3892.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 577.205+/-2.755 χ^2/NDF : 4800.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

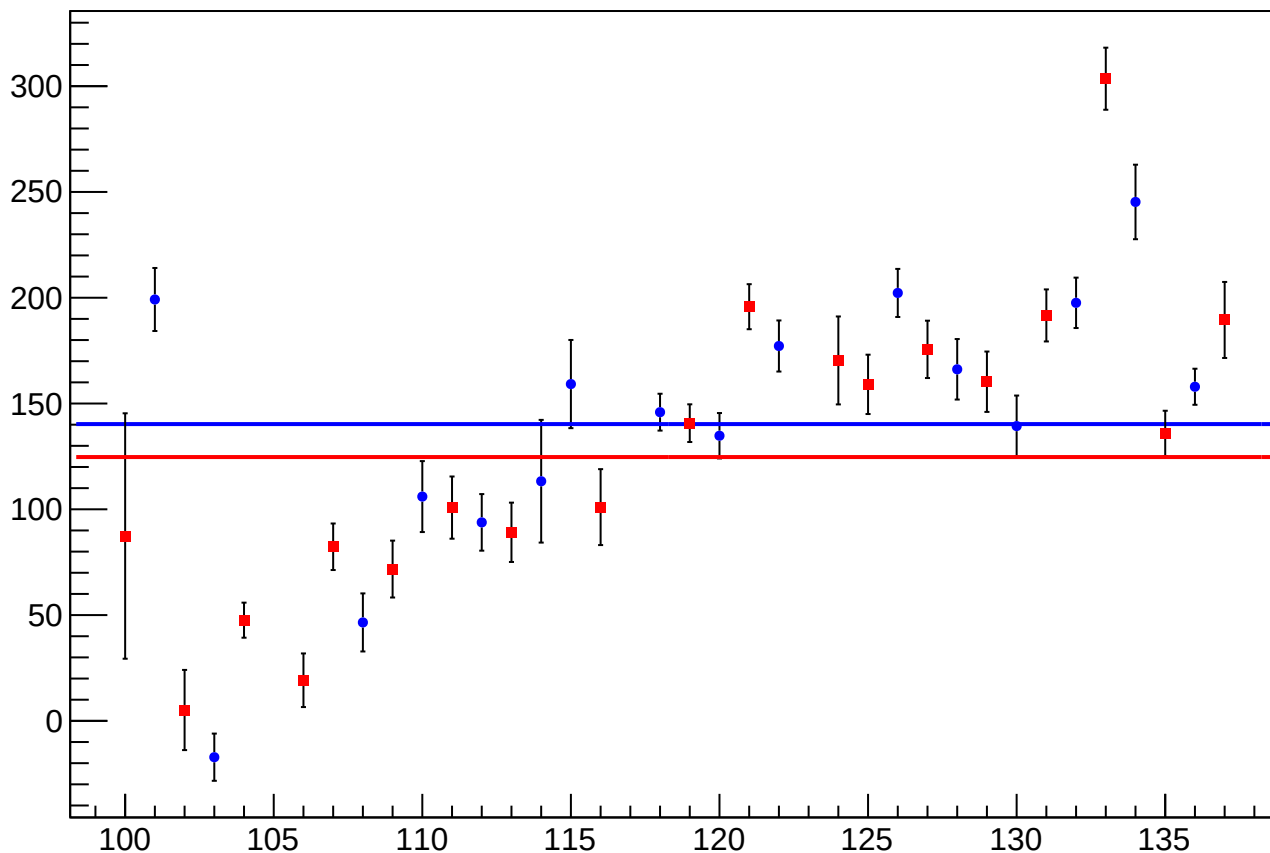
Right: 593.122+/-1.995 χ^2/NDF : 8763.0/34

In: 610.665+/-2.892 χ^2/NDF : 3892.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 593.122+/-1.995 χ^2/NDF : 8763.0/34

reg_asym_atr2_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 140.278+/-3.151 χ^2/NDF : 385.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 124.697+/-2.979 χ^2/NDF : 508.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

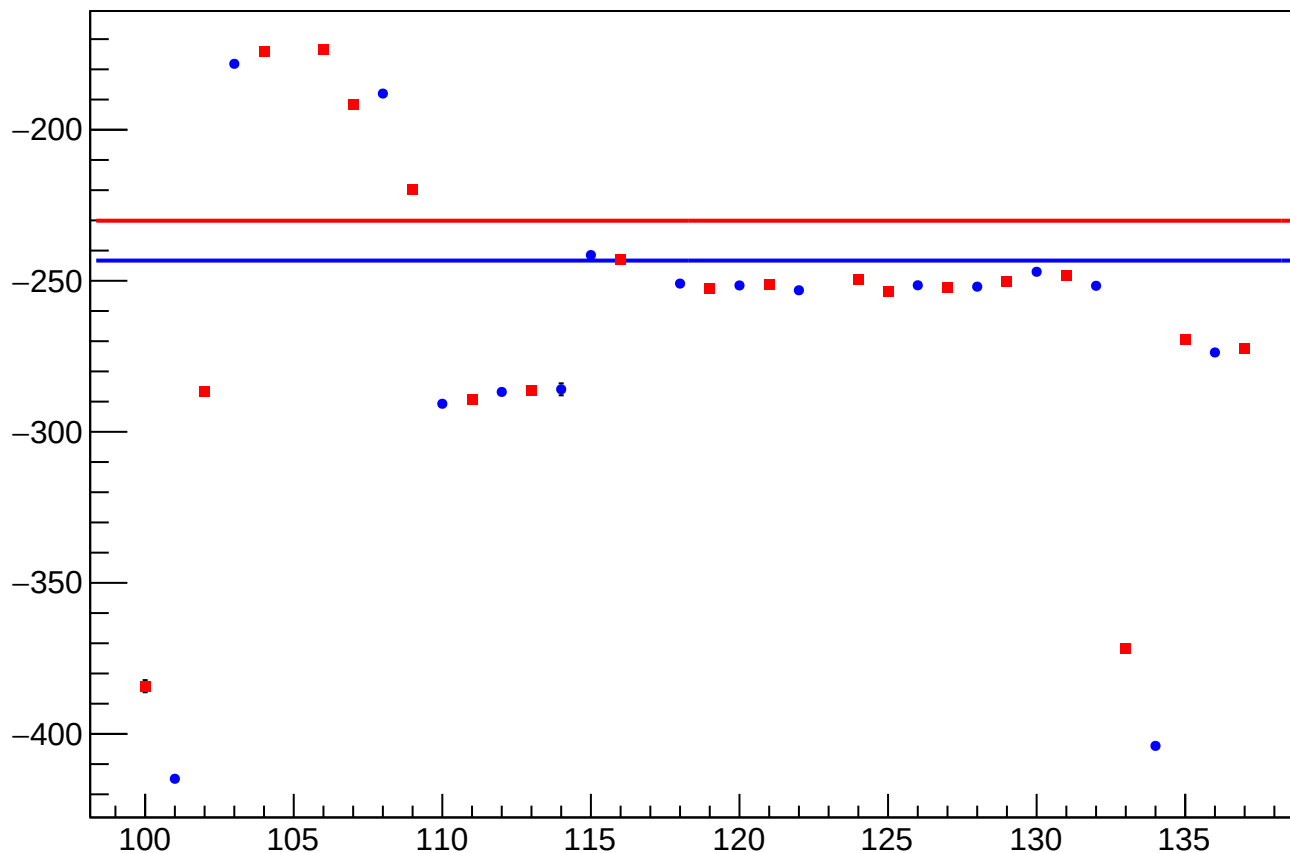
Right: 132.049+/-2.165 χ^2/NDF : 906.8/34

In: 140.278+/-3.151 χ^2/NDF :385.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 132.049+/-2.165 χ^2/NDF : 906.8/34

reg_asym_atr2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -243.308+/-0.163 χ^2/NDF : 173487.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -230.109+/-0.157 χ^2/NDF : 102451.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

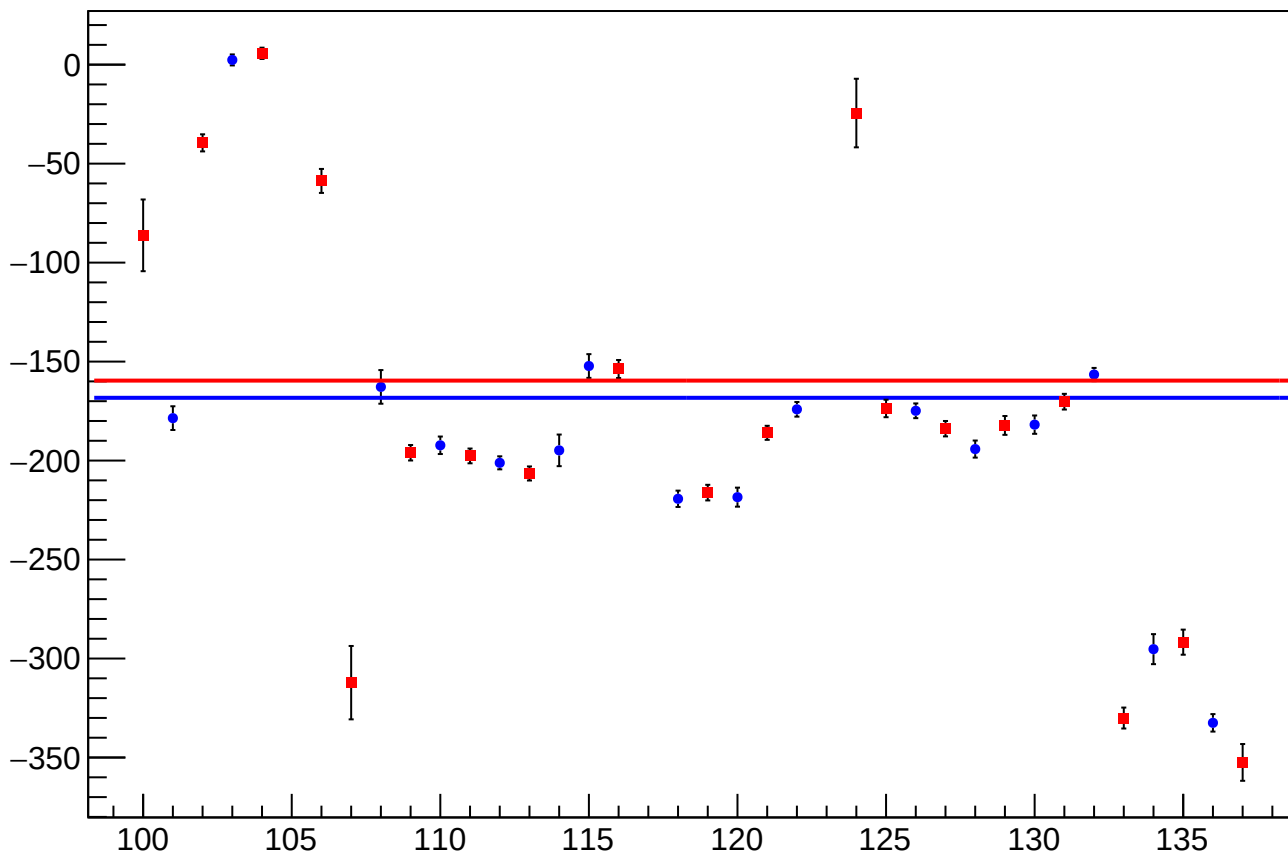
Right: -236.496+/-0.113 χ^2/NDF : 279343.3/34

In: -243.308+/-0.163 χ^2/NDF : 173487.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -236.496+/-0.113 χ^2/NDF : 279343.3/34

reg_asym_atl_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -168.291+/-1.076 χ^2/NDF : 5907.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -159.602+/-1.042 χ^2/NDF : 7197.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

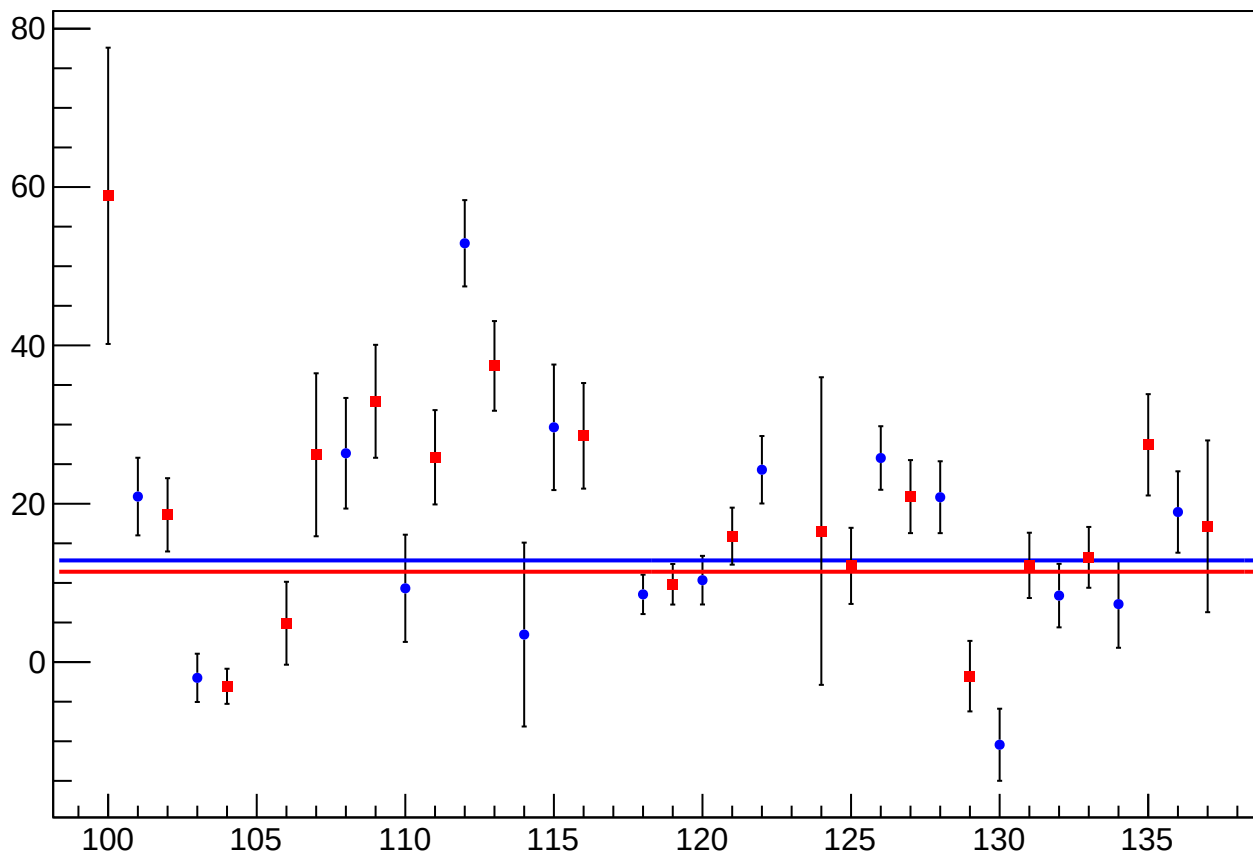
Right: -163.809+/-0.749 χ^2/NDF : 13139.1/34

In: -168.291+/-1.076 χ^2/NDF : 5907.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -163.809+/-0.749 χ^2/NDF : 13139.1/34

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.842 $\pm$ 1.076 χ^2 /NDF: 143.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.414 $\pm$ 1.035 χ^2 /NDF: 119.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

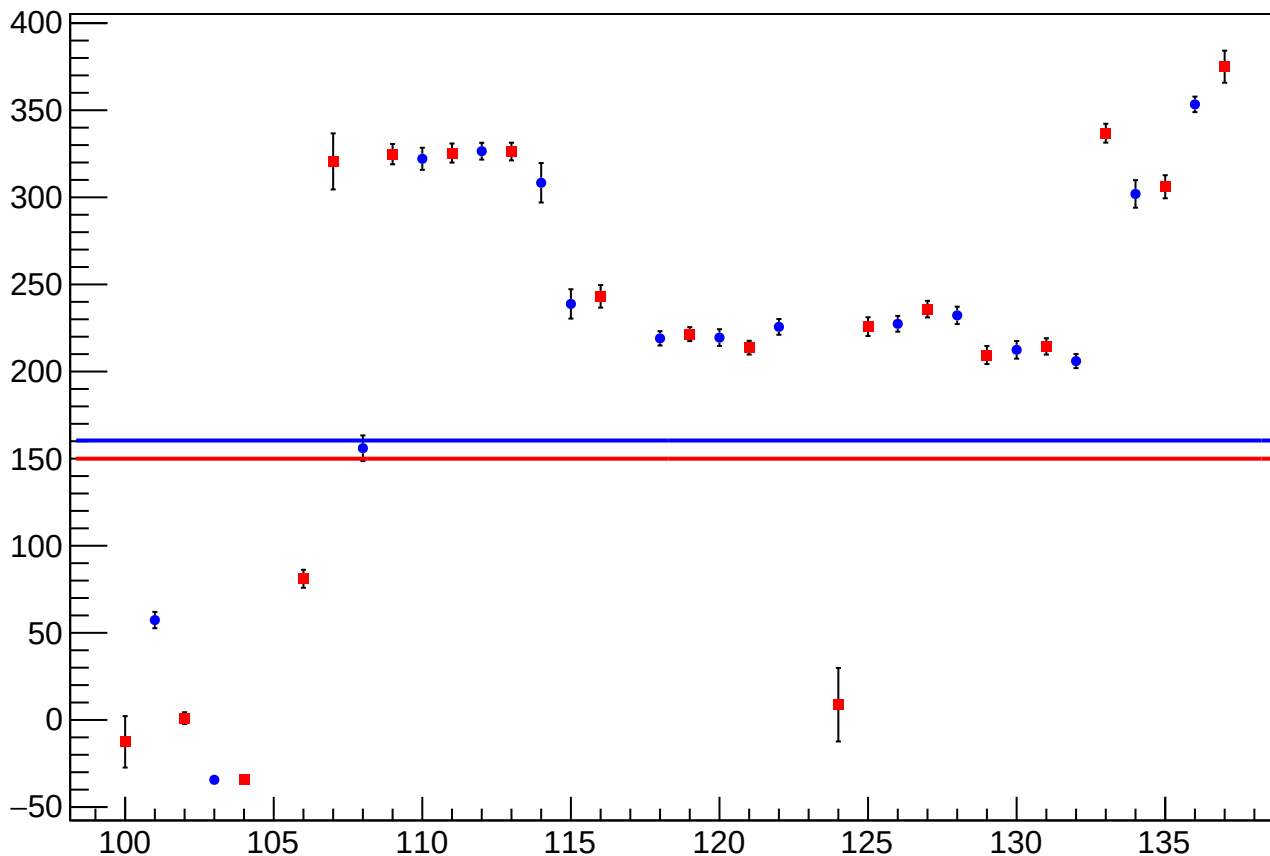
Right: 12.100 $\pm$ 0.746 χ^2 /NDF: 264.2/34

In: 12.842 $\pm$ 1.076 χ^2 /NDF:143.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.100 $\pm$ 0.746 χ^2 /NDF: 264.2/34

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 160.407+/-1.139 χ^2/NDF : 13949.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.974+/-1.107 χ^2/NDF : 16265.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

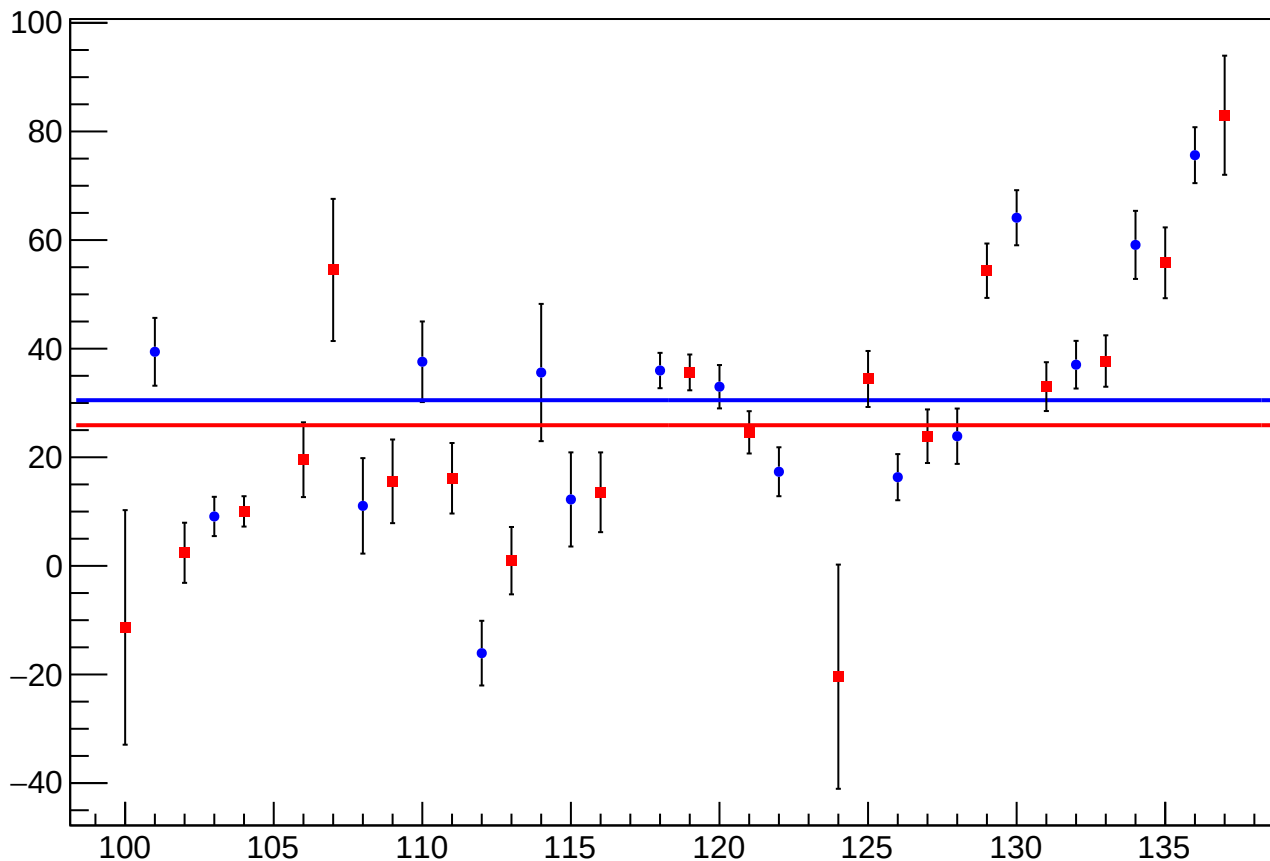
Right: 155.041+/-0.794 χ^2/NDF : 30258.1/34

In: 160.407+/-1.139 χ^2/NDF : 13949.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.041+/-0.794 χ^2/NDF : 30258.1/34

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.510 $\pm$ 1.255 χ^2 /NDF: 276.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.903 $\pm$ 1.213 χ^2 /NDF: 187.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

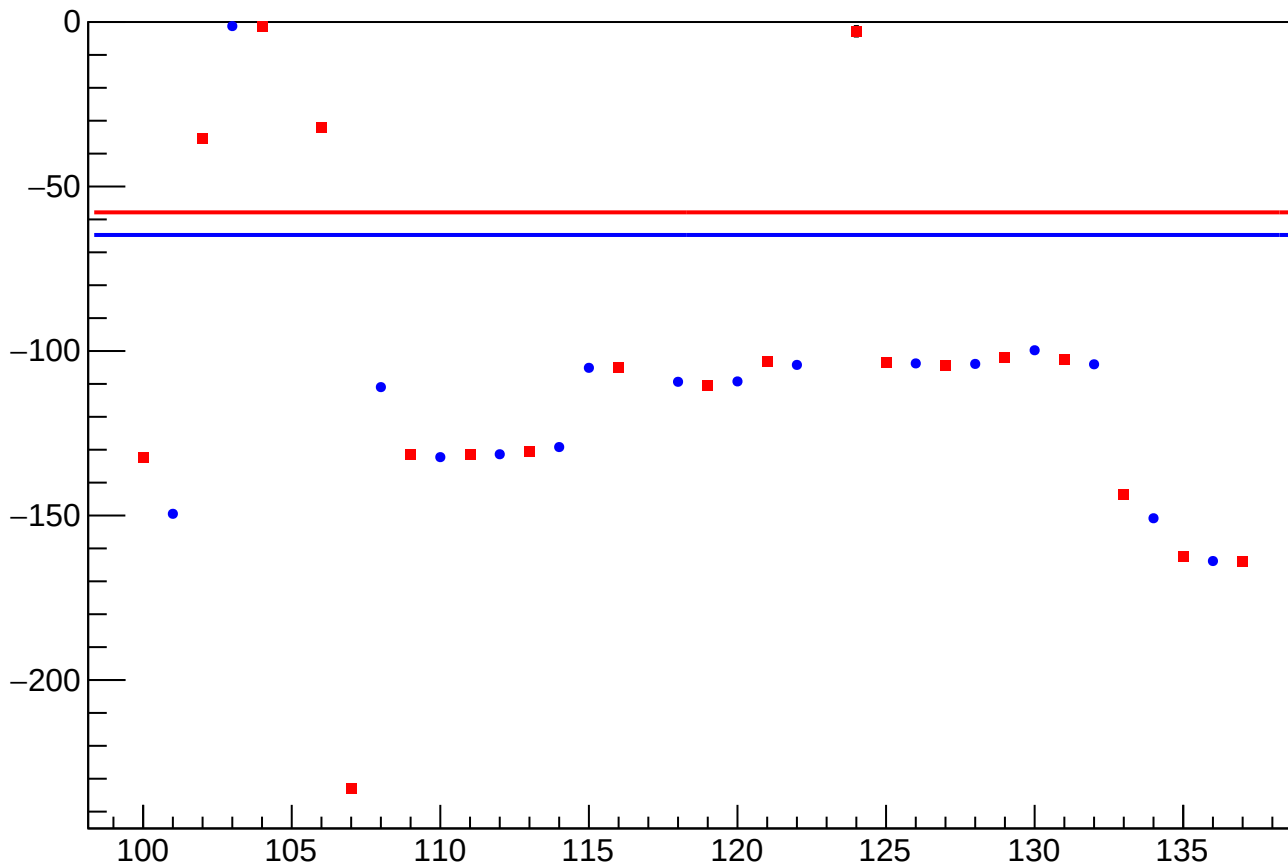
Right: 28.129 $\pm$ 0.872 χ^2 /NDF: 471.7/34

In: 30.510 $\pm$ 1.255 χ^2 /NDF:276.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 28.129 $\pm$ 0.872 χ^2 /NDF: 471.7/34

reg_asym_atl_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -64.726 $\pm$ 0.064 χ^2 /NDF: 1044441.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.855 $\pm$ 0.062 χ^2 /NDF: 875795.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

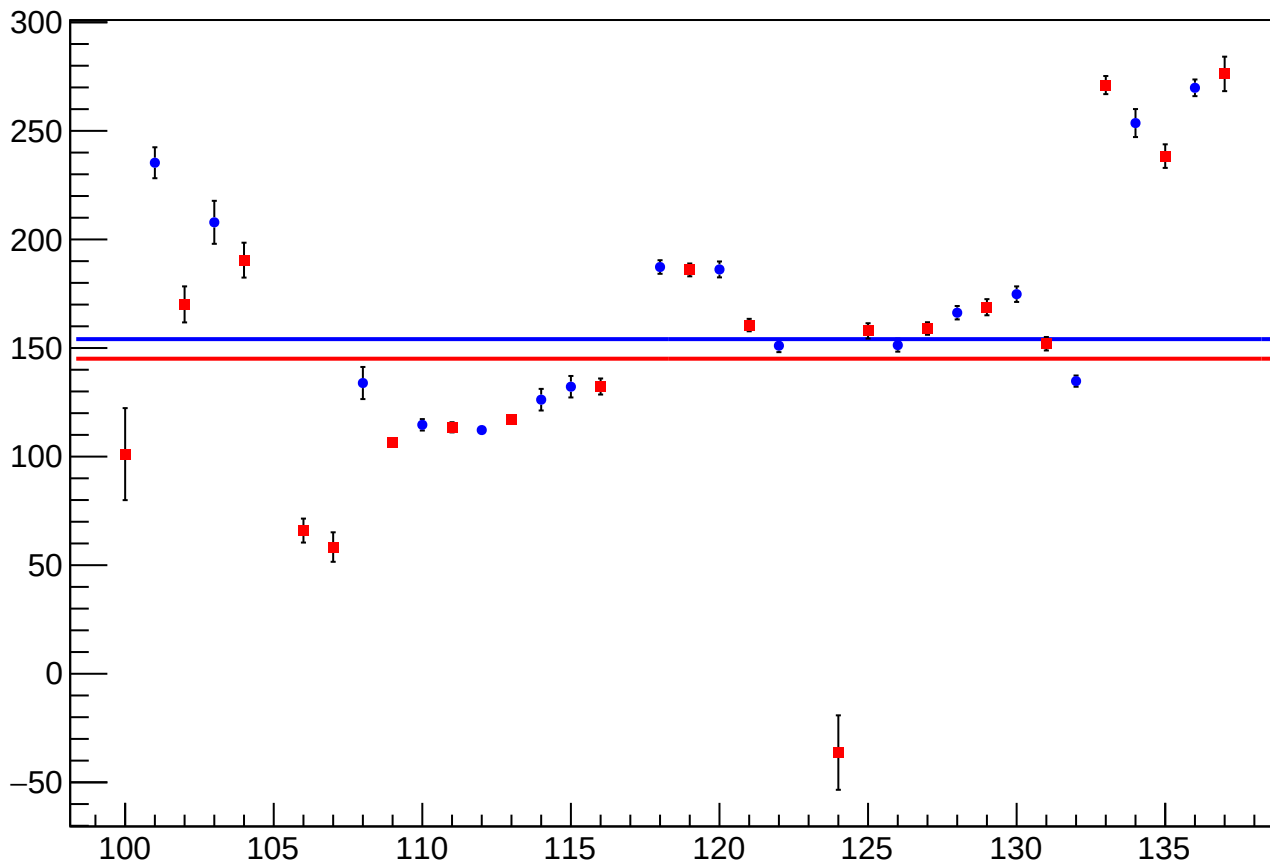
Right: -61.201 $\pm$ 0.045 χ^2 /NDF: 1926190.0/34

In: -64.726 $\pm$ 0.064 χ^2 /NDF:1044441.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -61.201 $\pm$ 0.045 χ^2 /NDF: 1926190.0/34

reg_asym_atl_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 154.096 $\pm$ 0.869 χ^2 /NDF: 2281.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.083 $\pm$ 0.826 χ^2 /NDF: 2958.4/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

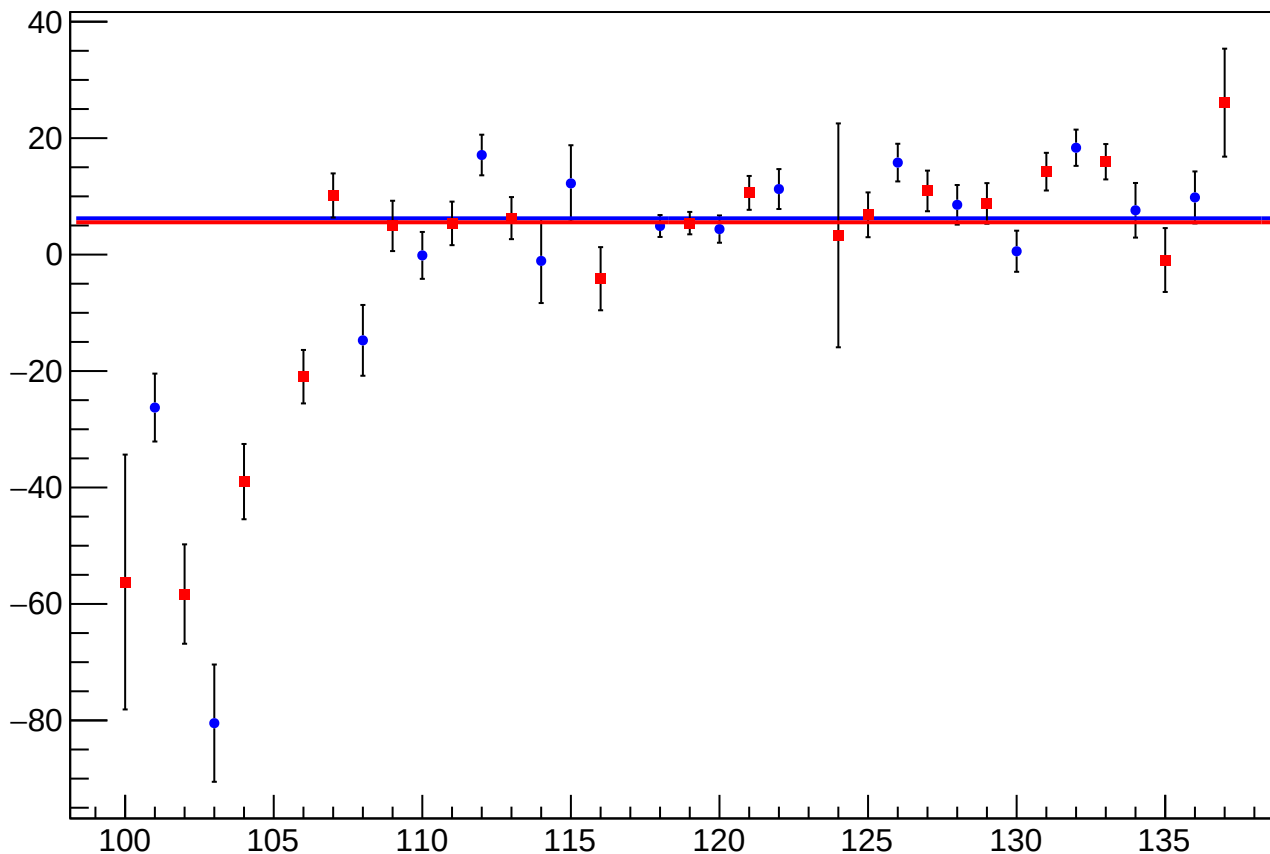
Right: 149.361 $\pm$ 0.599 χ^2 /NDF: 5296.0/34

In: 154.096 $\pm$ 0.869 χ^2 /NDF:2281.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 149.361 $\pm$ 0.599 χ^2 /NDF: 5296.0/34

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.229+/-0.890 χ^2/NDF : 162.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.548+/-0.889 χ^2/NDF : 181.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

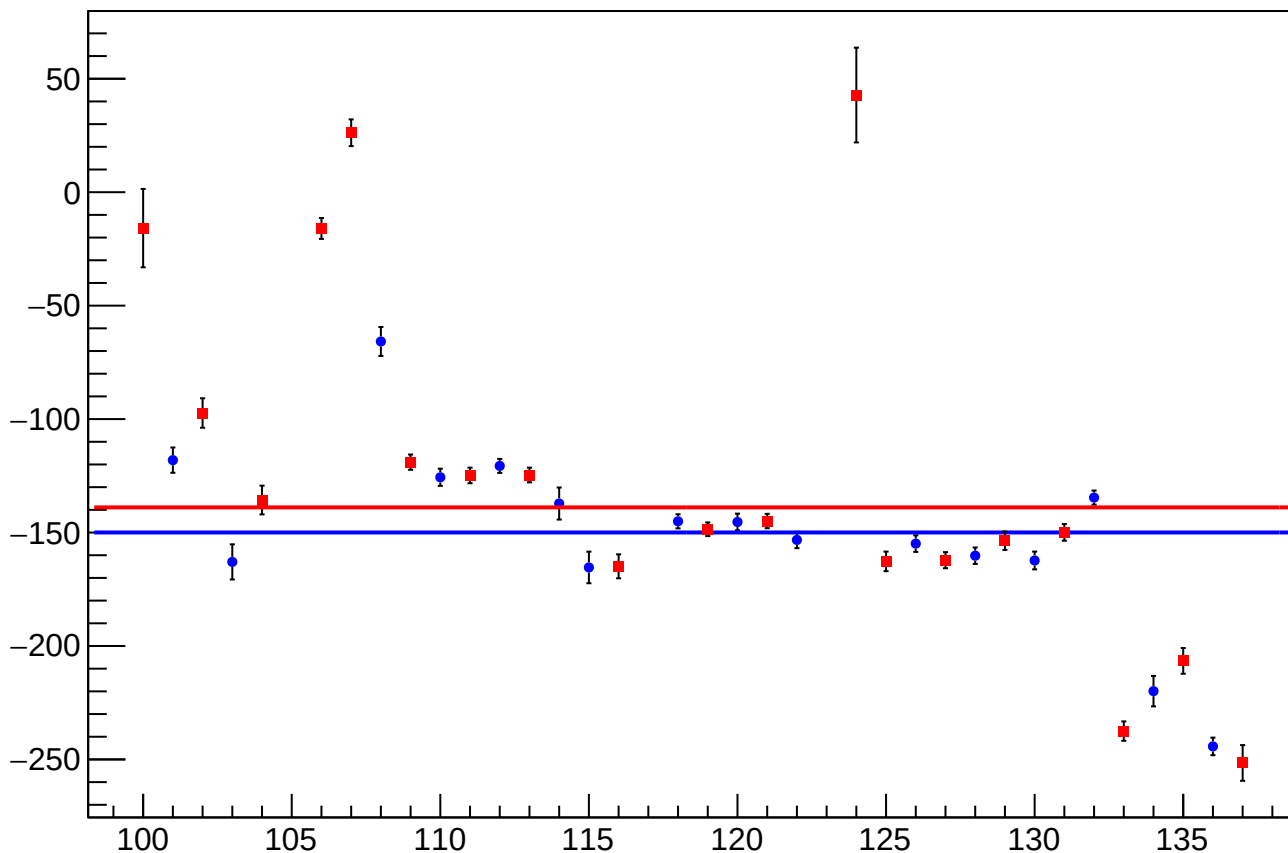
Right: 5.888+/-0.629 χ^2/NDF : 343.5/34

In: 6.229+/-0.890 χ^2/NDF : 162.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.888+/-0.629 χ^2/NDF : 343.5/34

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -149.970 ± 1.026 χ^2/NDF : 1099.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -138.912 ± 0.993 χ^2/NDF : 2750.9/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

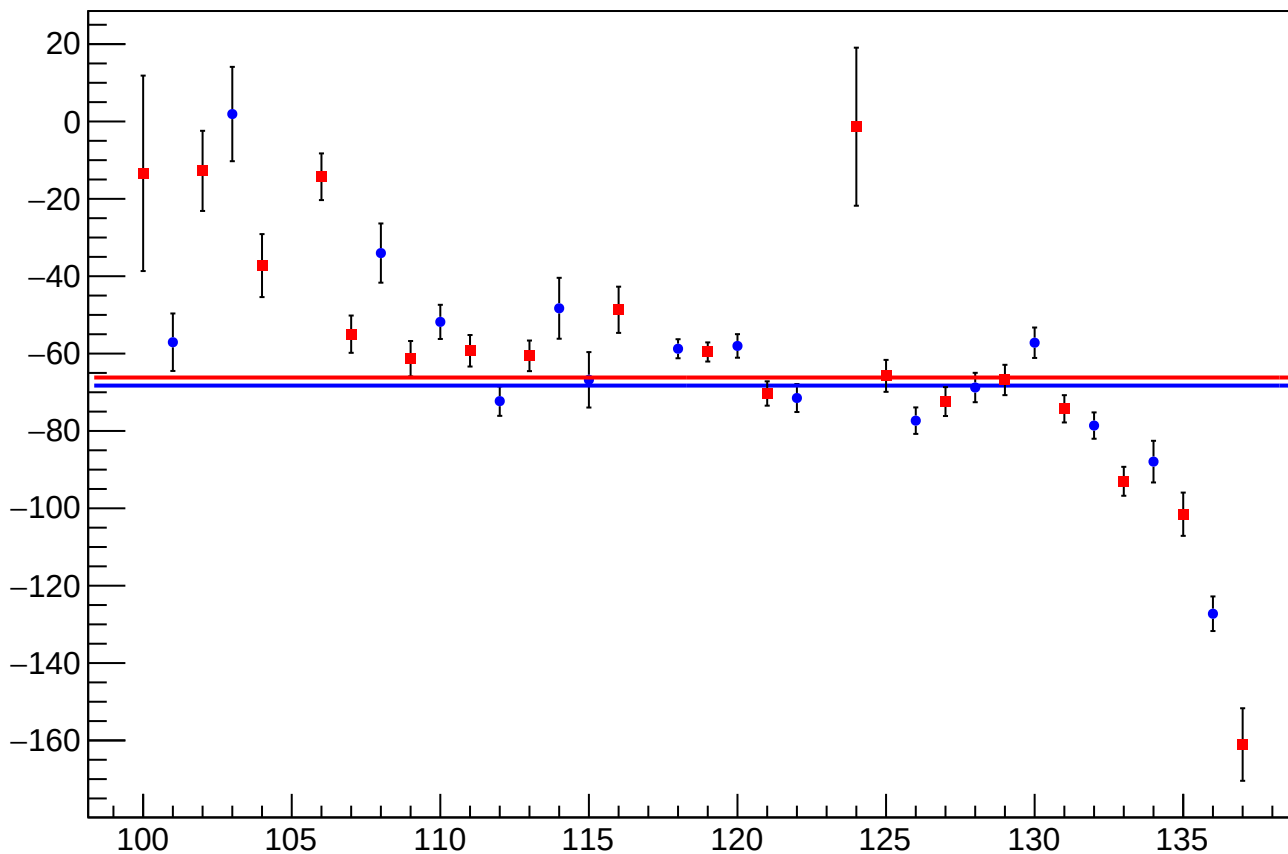
Right: -144.265 ± 0.714 χ^2/NDF : 3910.3/34

In: -149.970 ± 1.026 χ^2/NDF : 1099.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -144.265 ± 0.714 χ^2/NDF : 3910.3/34

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.272 ± 1.033 χ^2/NDF : 315.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -66.186 ± 1.024 χ^2/NDF : 358.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

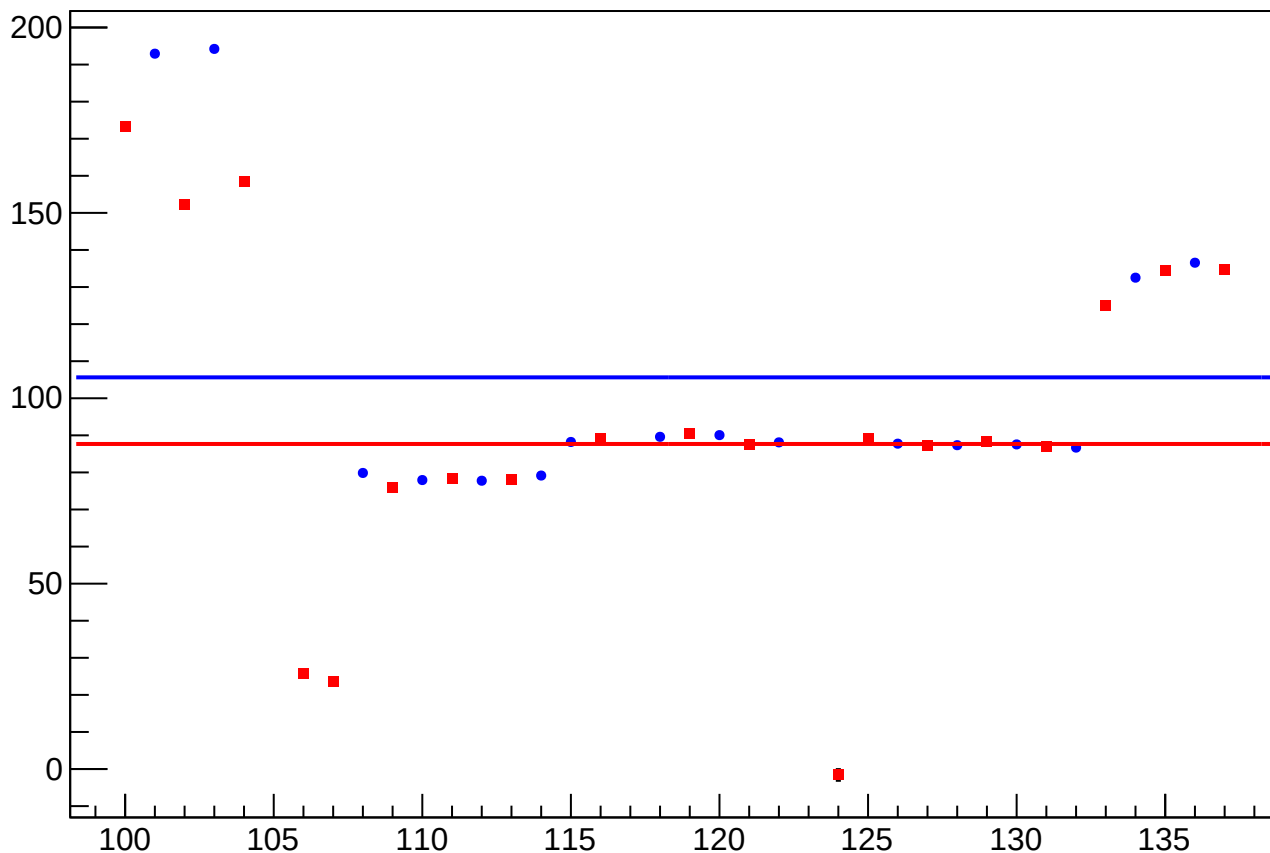
Right: -67.219 ± 0.727 χ^2/NDF : 675.8/34

In: -68.272 ± 1.033 χ^2/NDF : 315.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -67.219 ± 0.727 χ^2/NDF : 675.8/34

reg_asym_atl_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 105.640 $\pm$ 0.071 χ^2 /NDF: 239614.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.673 $\pm$ 0.066 χ^2 /NDF: 374460.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

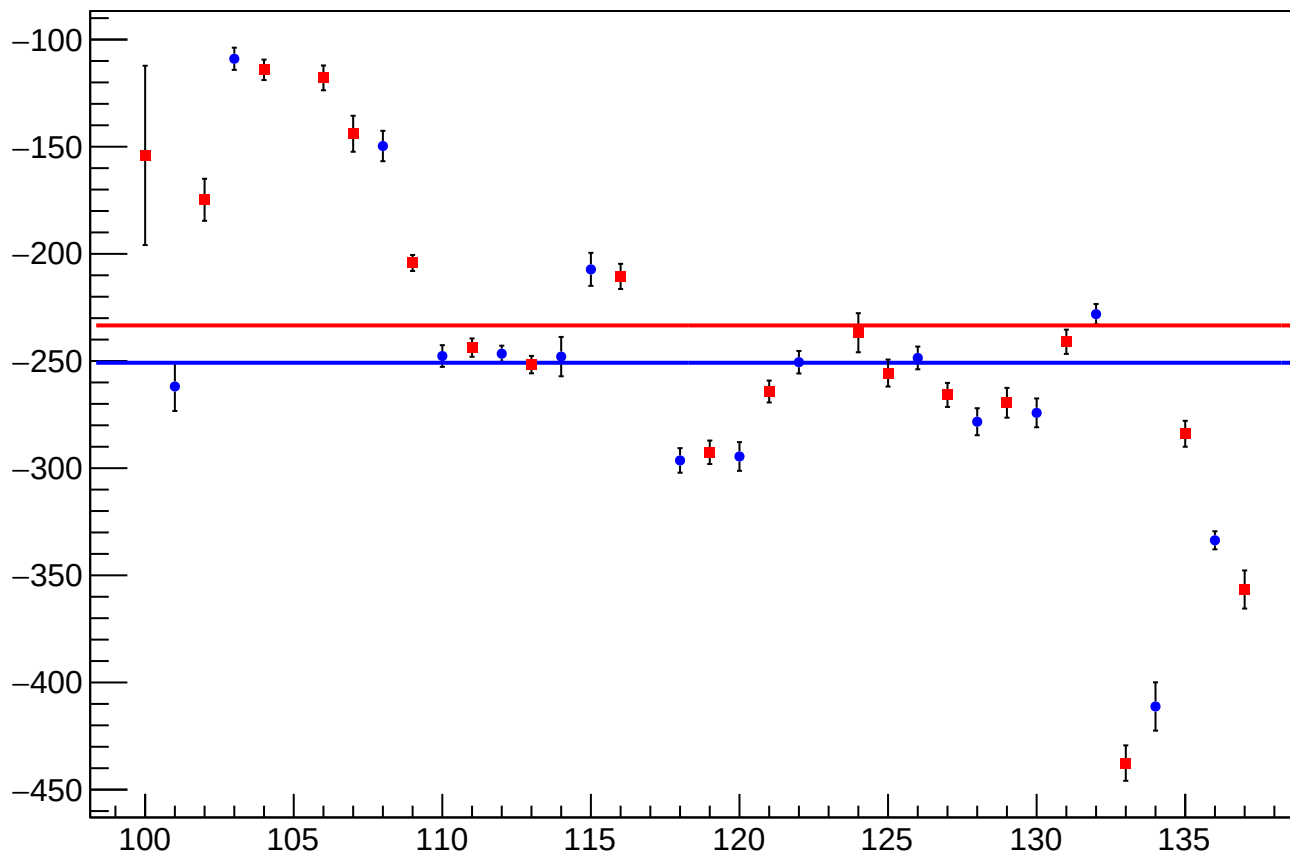
Right: 95.972 $\pm$ 0.048 χ^2 /NDF: 648694.2/34

In: 105.640 $\pm$ 0.071 χ^2 /NDF:239614.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 95.972 $\pm$ 0.048 χ^2 /NDF: 648694.2/34

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -250.812 $\pm$ 1.438 χ^2 /NDF: 1735.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -233.396 $\pm$ 1.333 χ^2 /NDF: 2378.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

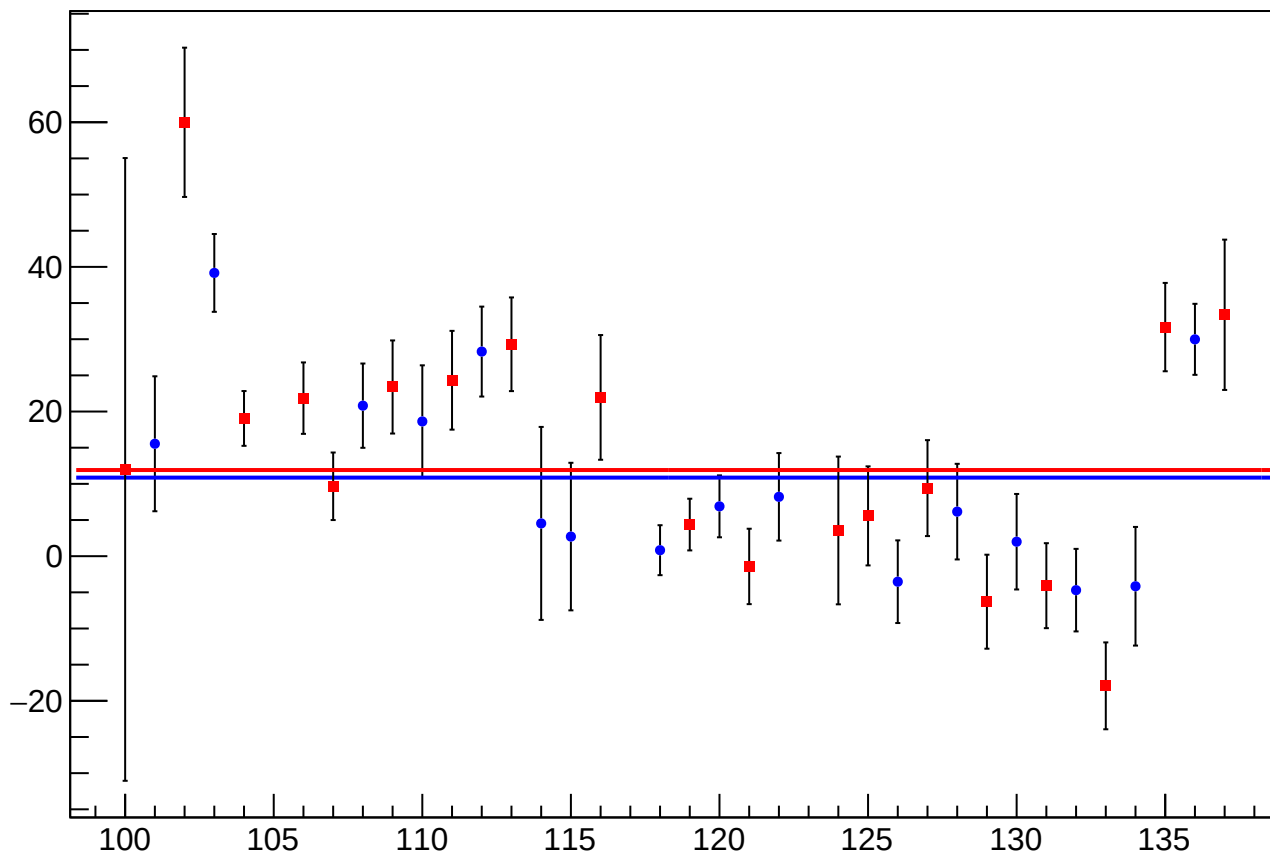
Right: -241.445 $\pm$ 0.978 χ^2 /NDF: 4193.1/34

In: -250.812 $\pm$ 1.438 χ^2 /NDF:1735.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -241.445 $\pm$ 0.978 χ^2 /NDF: 4193.1/34

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.864 $\pm$ 1.471 χ^2 /NDF: 84.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.912 $\pm$ 1.368 χ^2 /NDF: 111.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

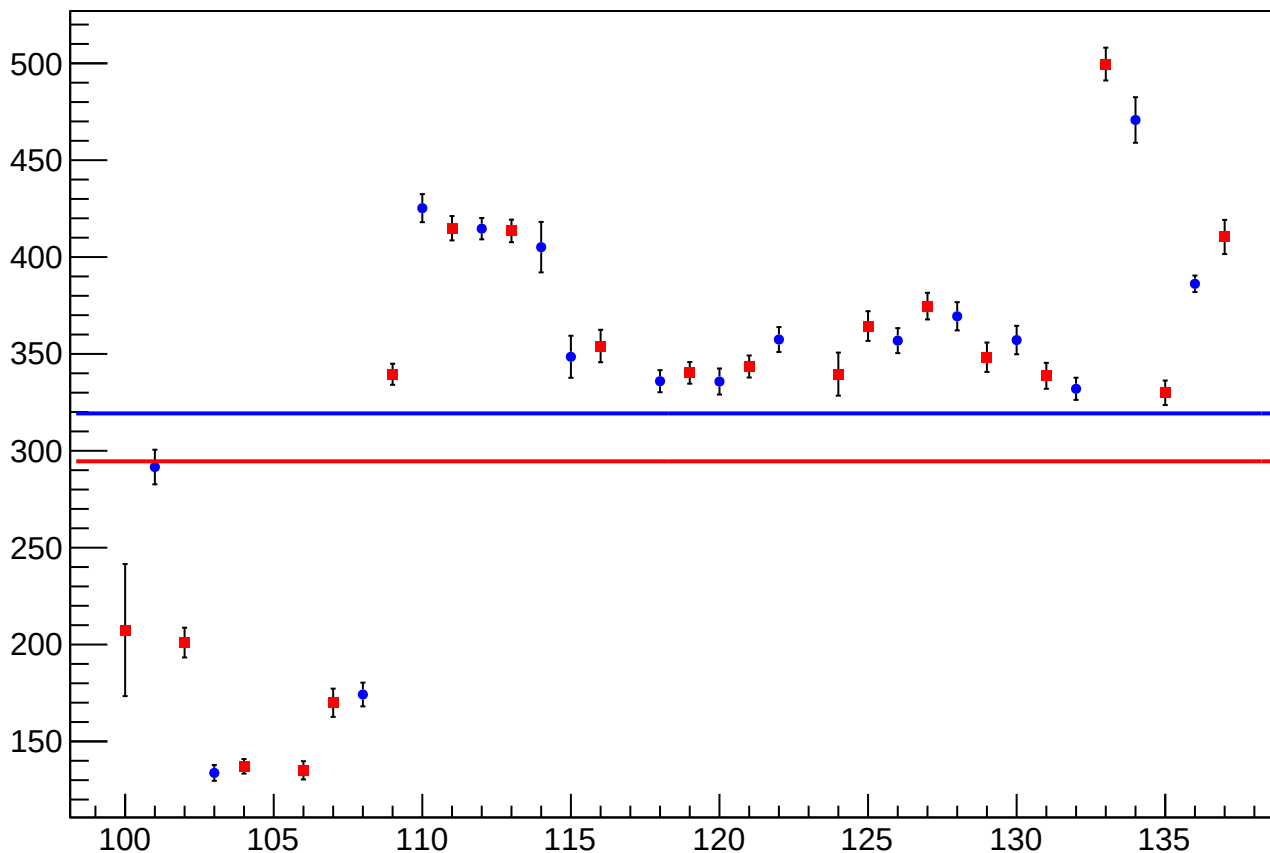
Right: 11.426 $\pm$ 1.001 χ^2 /NDF: 196.9/34

In: 10.864 $\pm$ 1.471 χ^2 /NDF:84.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 11.426 $\pm$ 1.001 χ^2 /NDF: 196.9/34

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 319.293+/-1.586 χ^2/NDF : 3792.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 294.567+/-1.481 χ^2/NDF : 5503.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

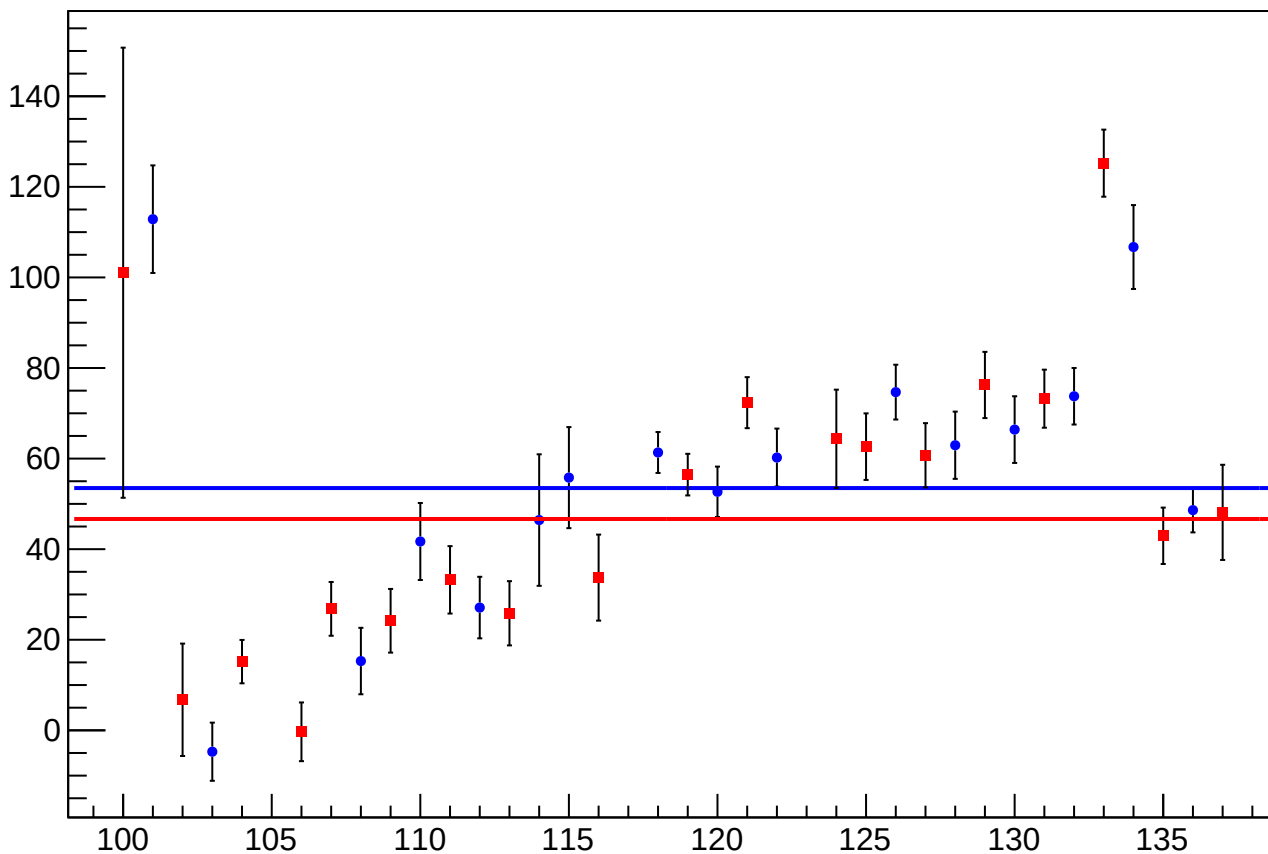
Right: 306.088+/-1.083 χ^2/NDF : 9425.9/34

In: 319.293+/-1.586 χ^2/NDF : 3792.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 306.088+/-1.083 χ^2/NDF : 9425.9/34

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.494+/-1.699 χ^2/NDF : 217.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.666+/-1.593 χ^2/NDF : 325.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

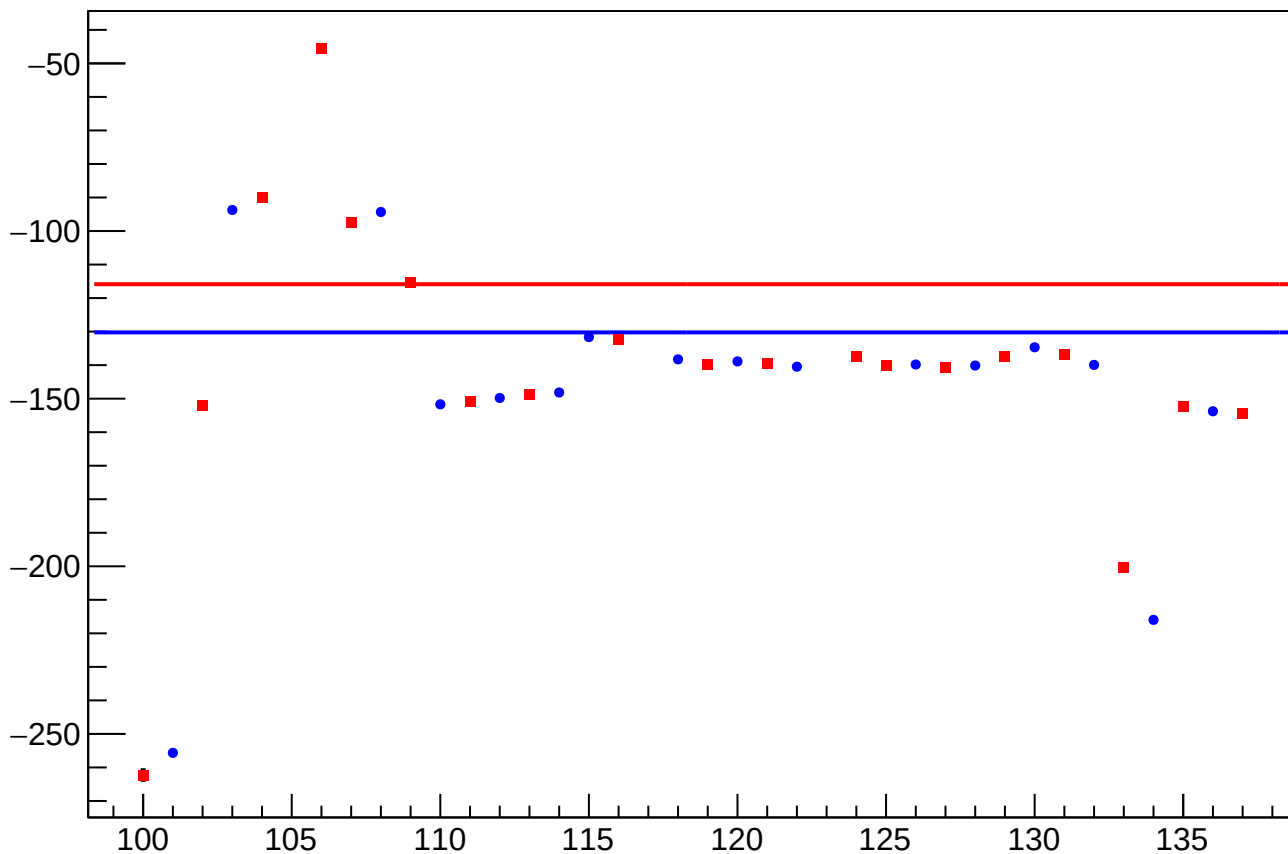
Right: 49.861+/-1.162 χ^2/NDF : 551.4/34

In: 53.494+/-1.699 χ^2/NDF : 217.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.861+/-1.162 χ^2/NDF : 551.4/34

reg_asym_atr_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -130.236+/-0.091 χ^2 /NDF: 174208.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -115.865+/-0.086 χ^2 /NDF: 205899.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

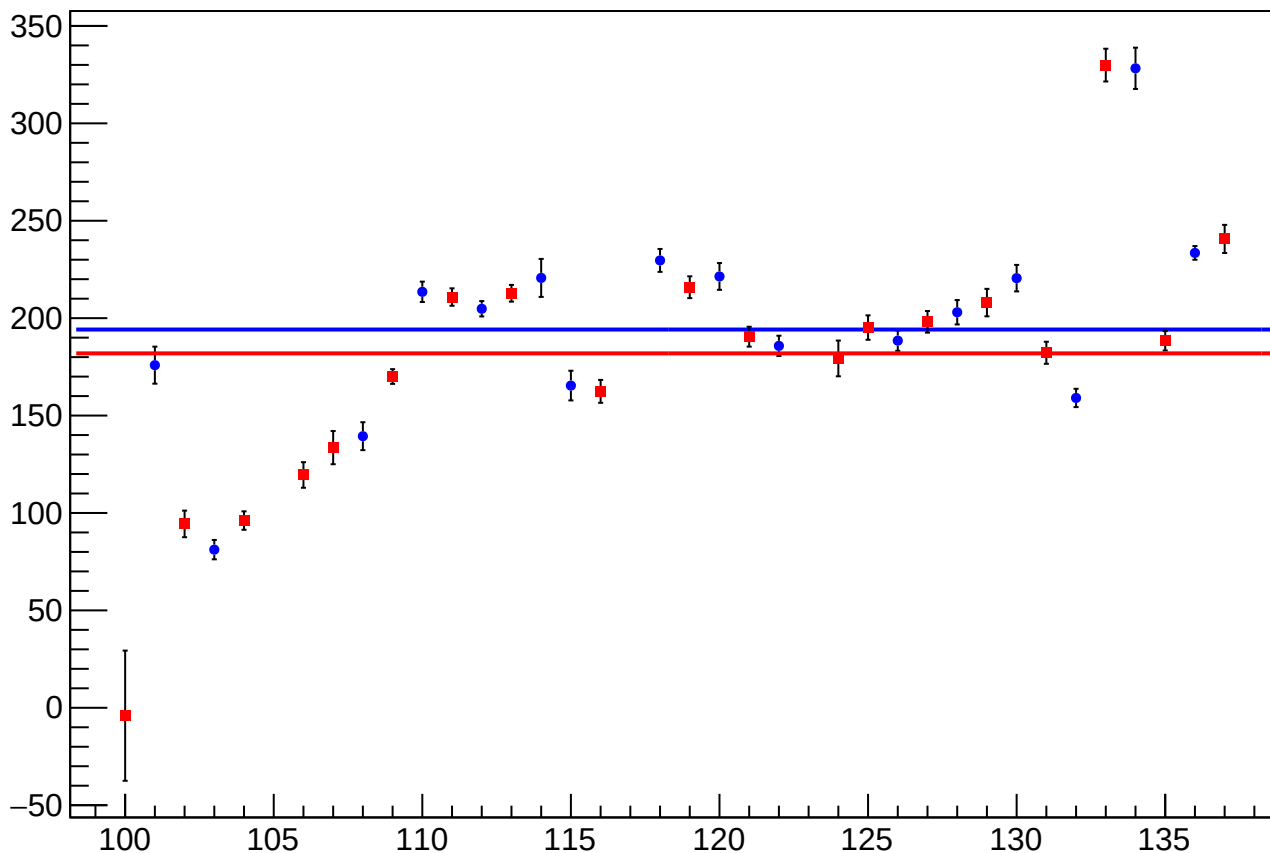
Right: -122.615+/-0.062 χ^2 /NDF: 393311.6/34

In: -130.236+/-0.091 χ^2 /NDF:174208.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -122.615+/-0.062 χ^2 /NDF: 393311.6/34

reg_asym_atr_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 194.164+/-1.407 χ^2/NDF : 1035.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.928+/-1.322 χ^2/NDF : 1204.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

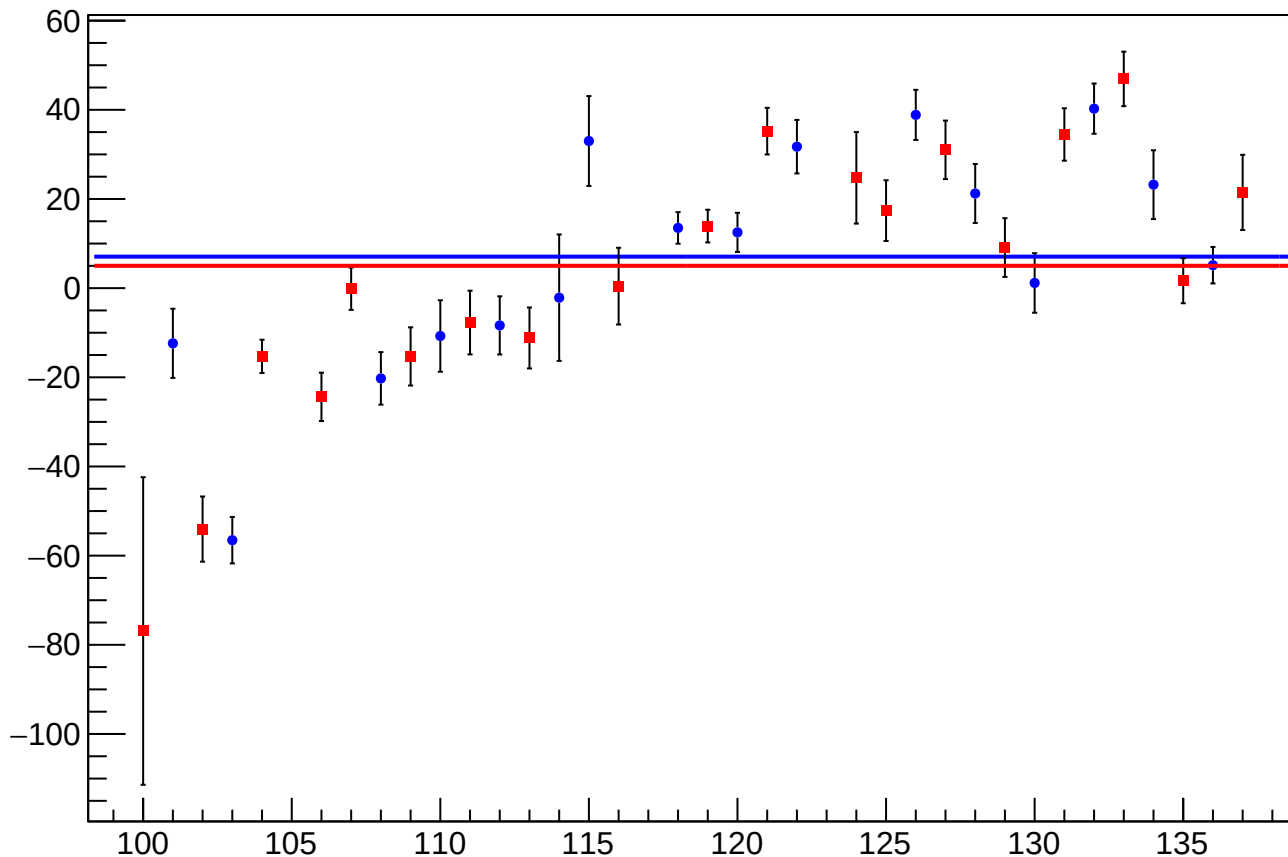
Right: 187.666+/-0.963 χ^2/NDF : 2280.2/34

In: 194.164+/-1.407 χ^2/NDF : 1035.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.666+/-0.963 χ^2/NDF : 2280.2/34

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.066+/-1.443 χ^2/NDF : 292.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.015+/-1.355 χ^2/NDF : 288.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

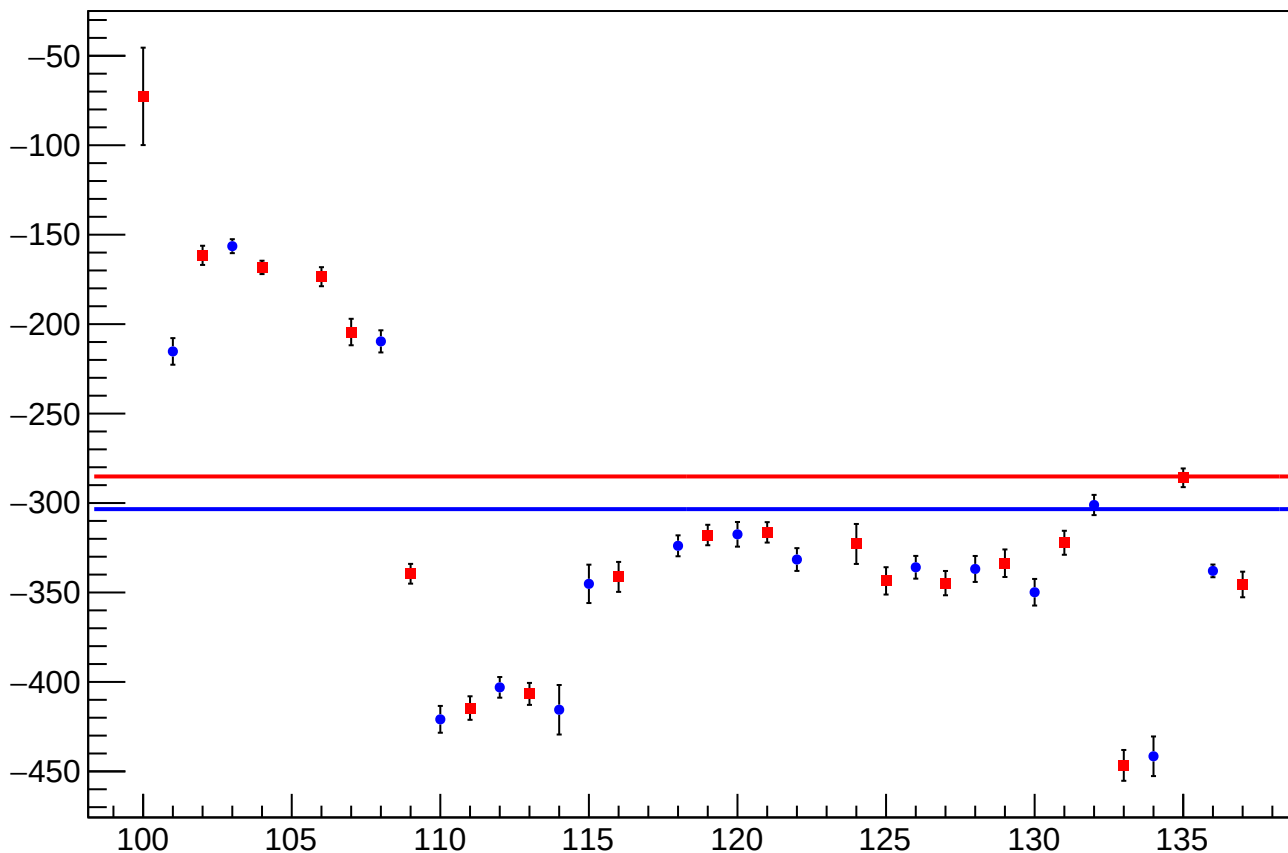
Right: 5.976+/-0.988 χ^2/NDF : 582.2/34

In: 7.066+/-1.443 χ^2/NDF : 292.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.976+/-0.988 χ^2/NDF : 582.2/34

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -303.408+/-1.530 χ^2/NDF : 2785.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -285.148+/-1.451 χ^2/NDF : 3754.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

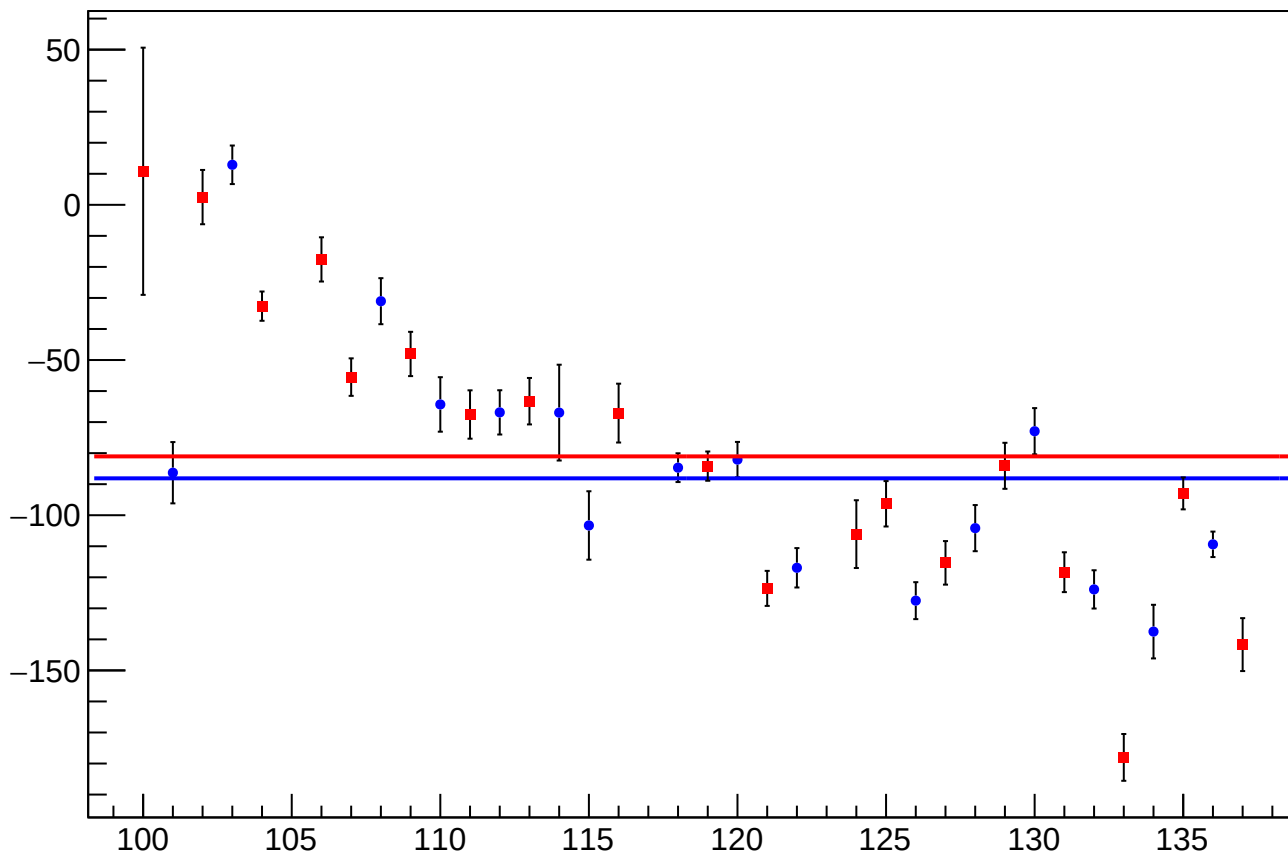
Right: -293.794+/-1.053 χ^2/NDF : 6615.3/34

In: -303.408+/-1.530 χ^2/NDF : 2785.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -293.794+/-1.053 χ^2/NDF : 6615.3/34

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.119 ± 1.655 χ^2/NDF : 511.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.046 ± 1.569 χ^2/NDF : 677.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

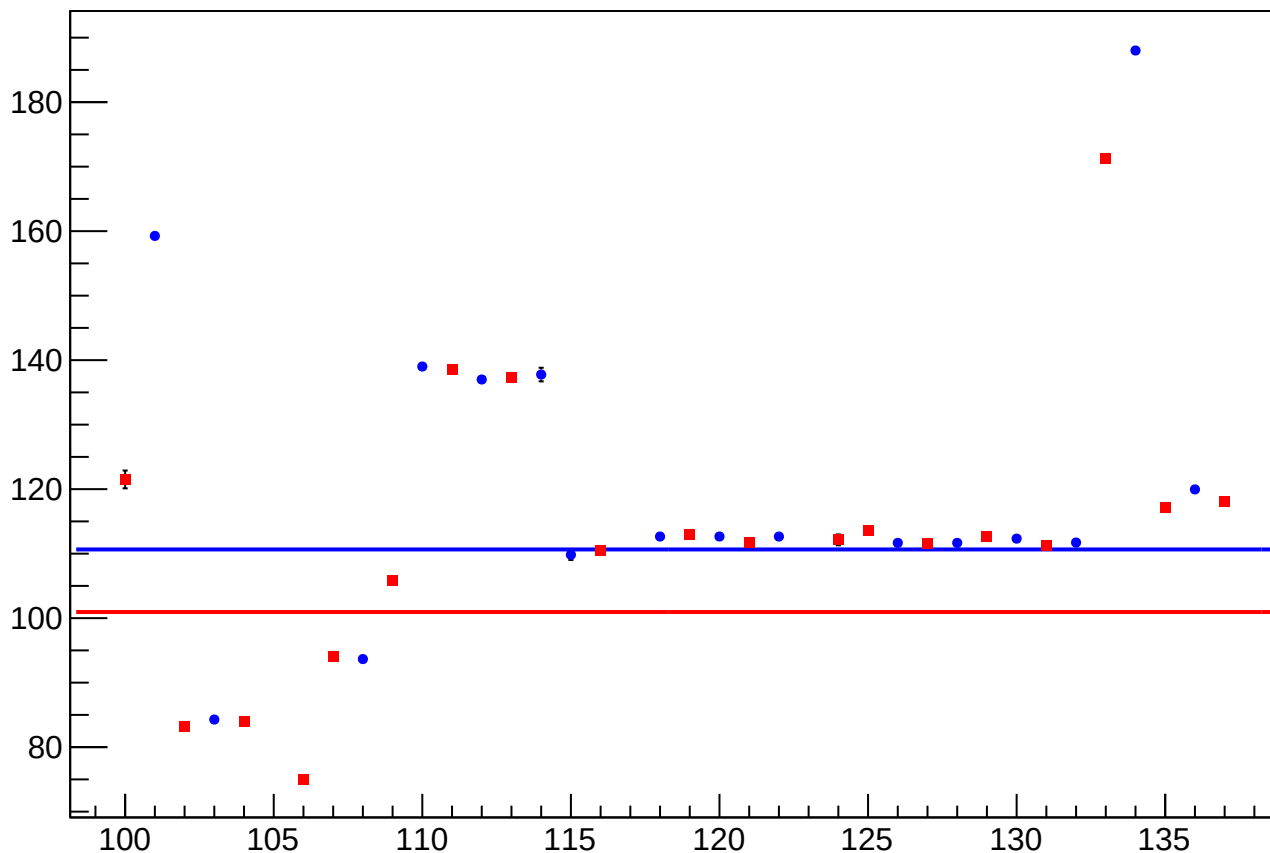
Right: -84.394 ± 1.139 χ^2/NDF : 1199.1/34

In: -88.119 ± 1.655 χ^2/NDF : 511.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -84.394 ± 1.139 χ^2/NDF : 1199.1/34

reg_asym_atr_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 110.651+/-0.086 χ^2/NDF : 83521.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.949+/-0.081 χ^2/NDF : 62002.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

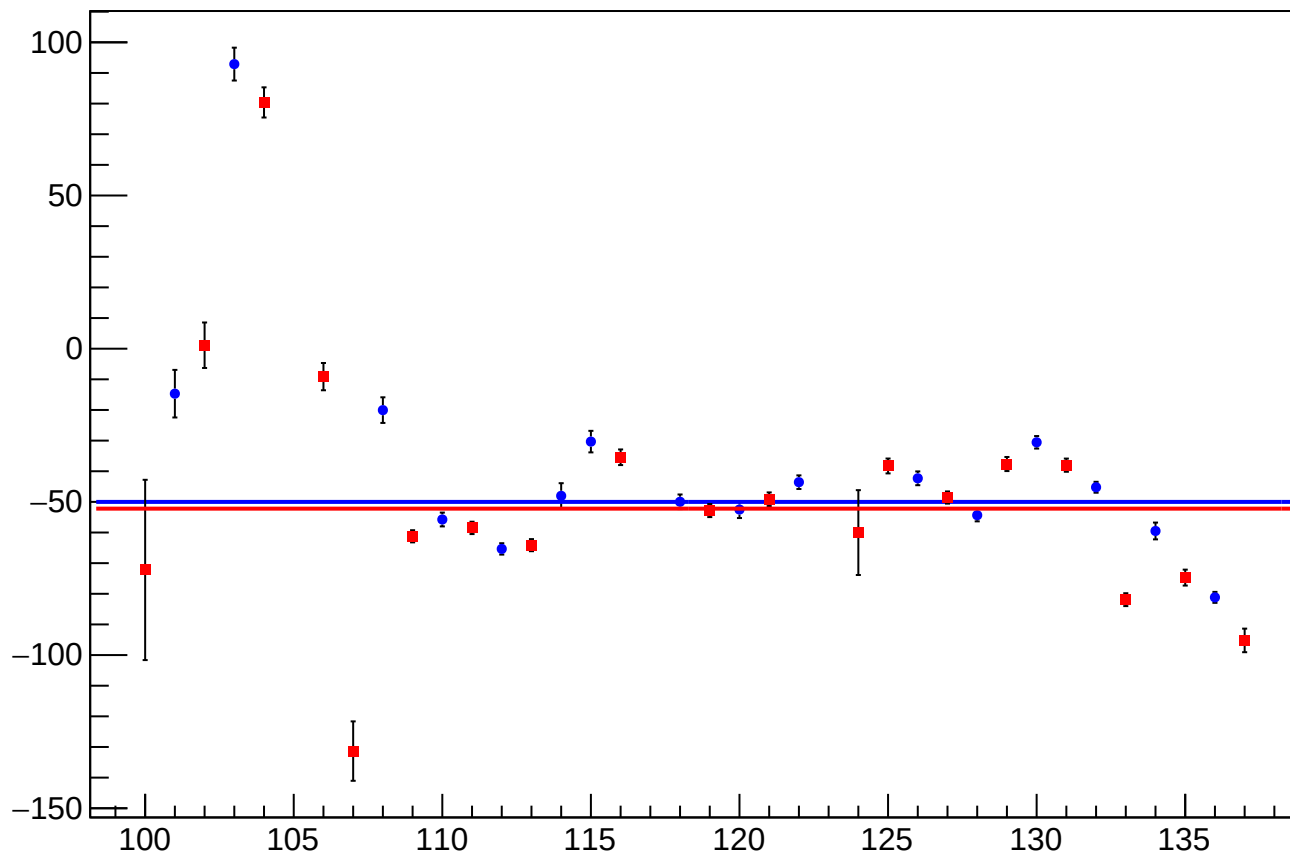
Right: 105.518+/-0.059 χ^2/NDF : 152285.6/34

In: 110.651+/-0.086 χ^2/NDF : 83521.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.518+/-0.059 χ^2/NDF : 152285.6/34

reg_asym_at1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -50.008 ± 0.610 $\chi^2/\text{NDF}: 1327.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -52.207 ± 0.605 $\chi^2/\text{NDF}: 1570.3/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

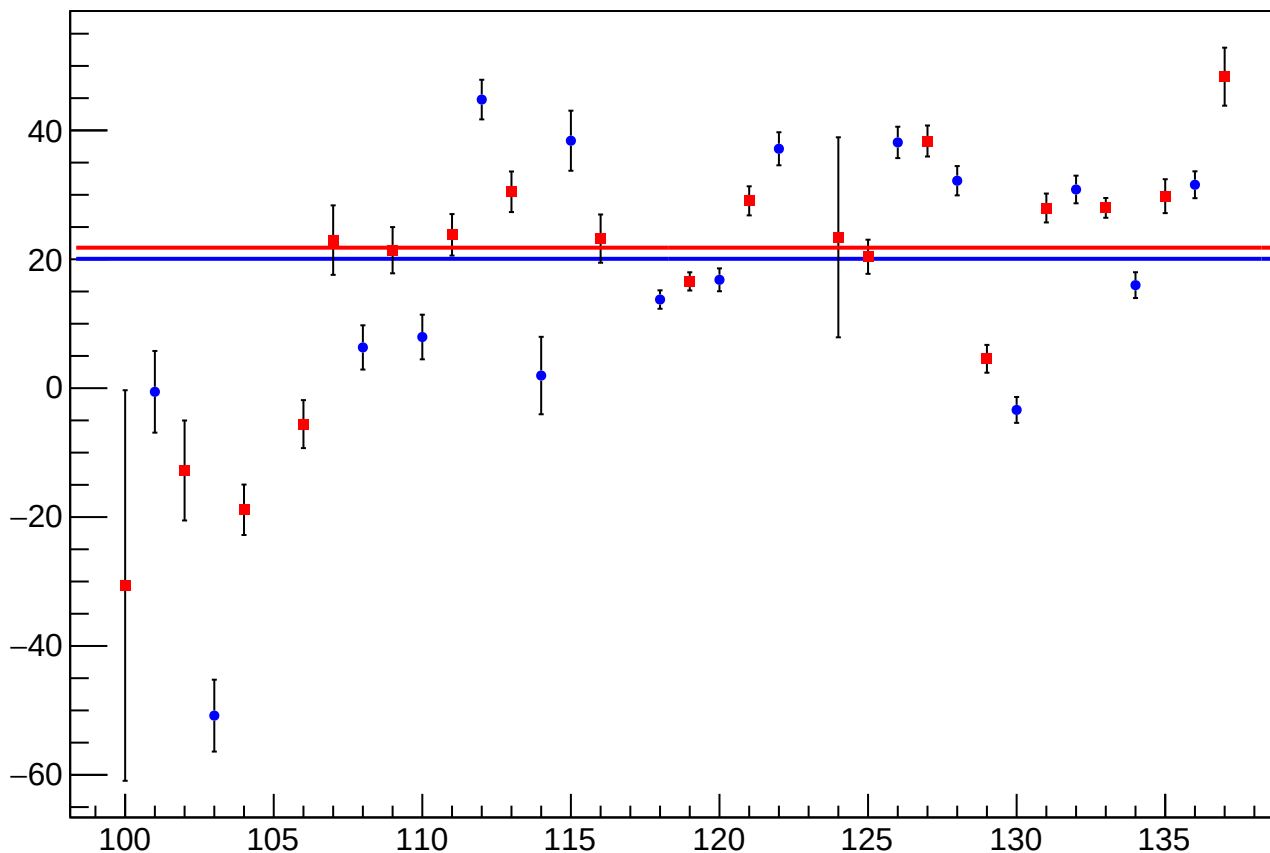
Right: -51.116 ± 0.430 $\chi^2/\text{NDF}: 2904.2/34$

In: -50.008 ± 0.610 $\chi^2/\text{NDF}: 1327.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -51.116 ± 0.430 $\chi^2/\text{NDF}: 2904.2/34$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 20.072+/-0.612 χ^2 /NDF: 636.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 21.800+/-0.622 χ^2 /NDF: 396.3/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

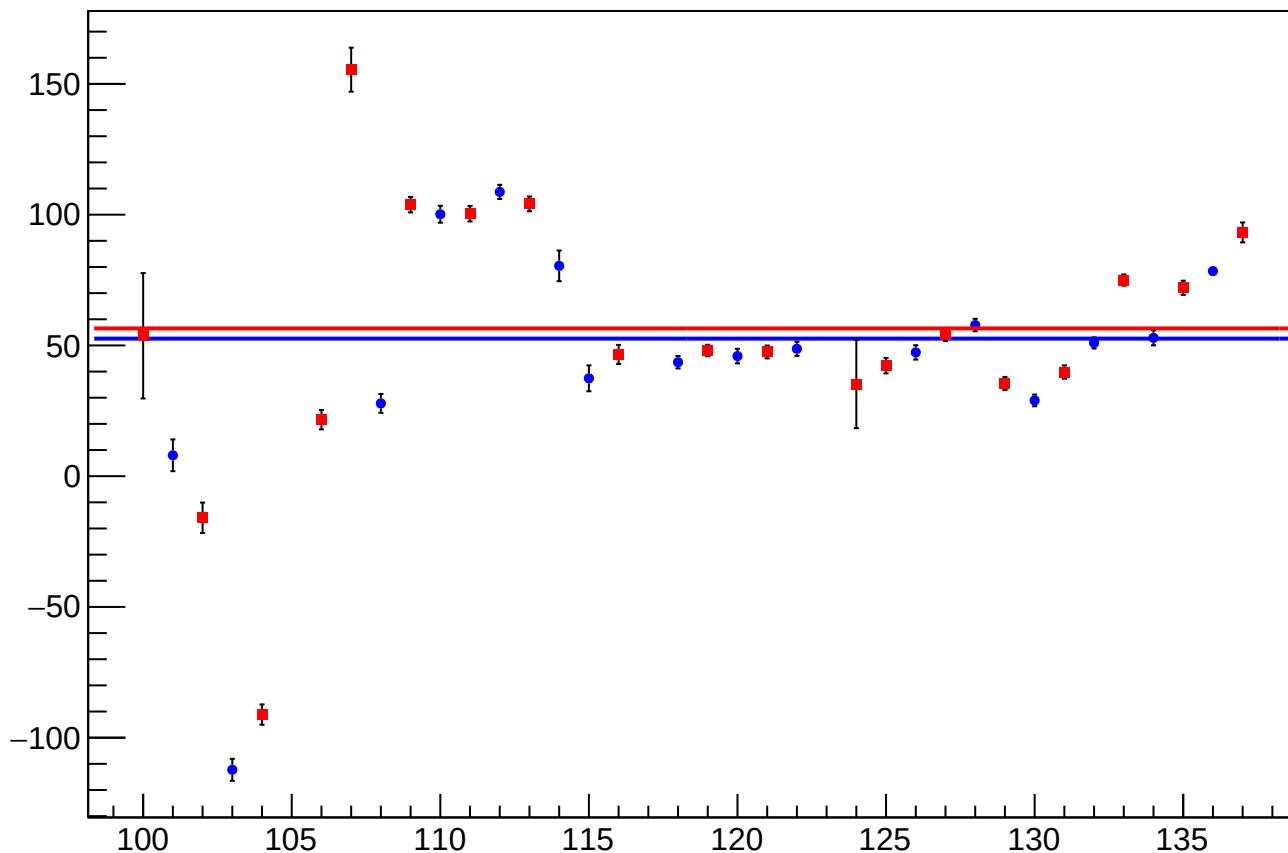
Right: 20.922+/-0.436 χ^2 /NDF: 1036.5/34

In: 20.072+/-0.612 χ^2 /NDF:636.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.922+/-0.436 χ^2 /NDF: 1036.5/34

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.605 $\pm$ 0.696 χ^2 /NDF: 2659.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 56.499 $\pm$ 0.705 χ^2 /NDF: 2965.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

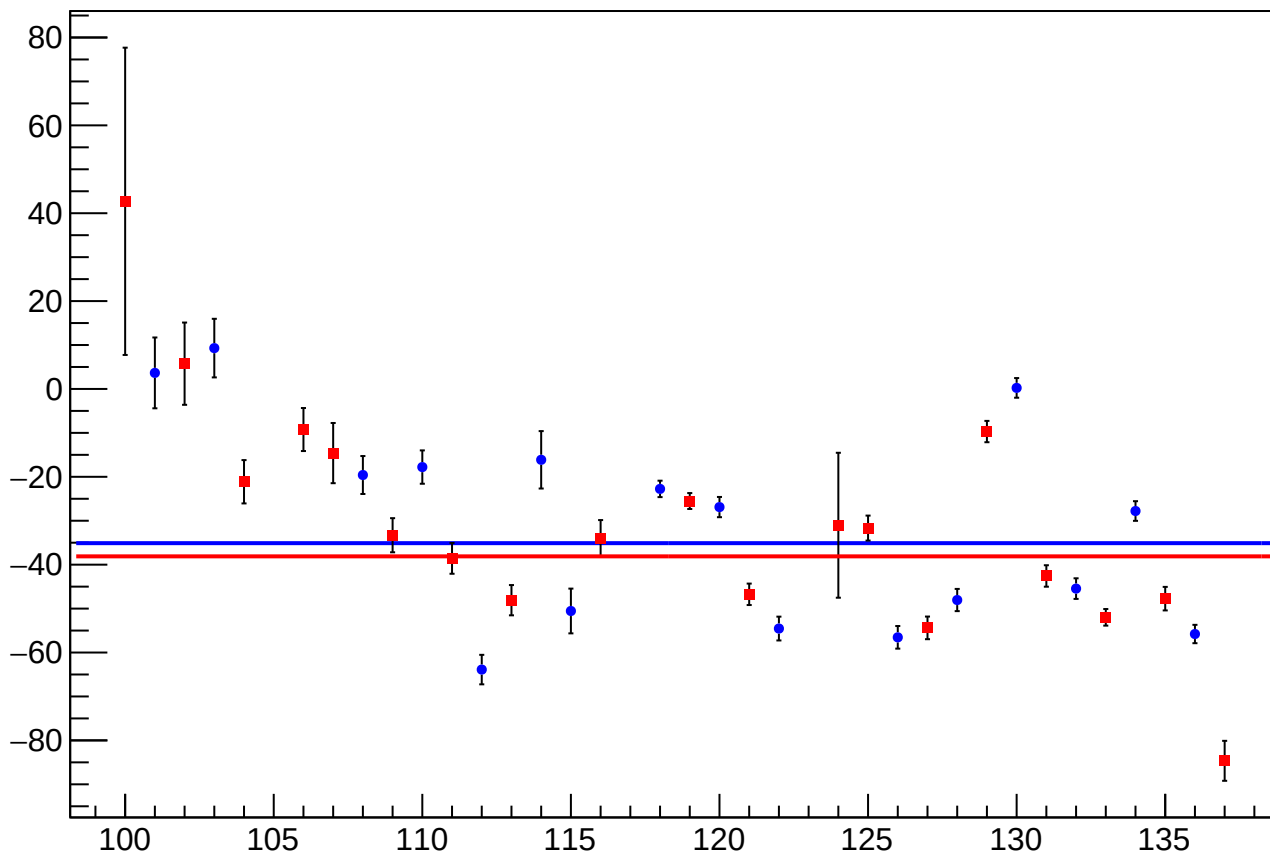
Right: 54.527 $\pm$ 0.496 χ^2 /NDF: 5640.4/34

In: 52.605 $\pm$ 0.696 χ^2 /NDF: 2659.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.527 $\pm$ 0.496 χ^2 /NDF: 5640.4/34

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -35.104 $\pm$ 0.700 χ^2 /NDF: 773.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -38.109 $\pm$ 0.714 χ^2 /NDF: 514.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

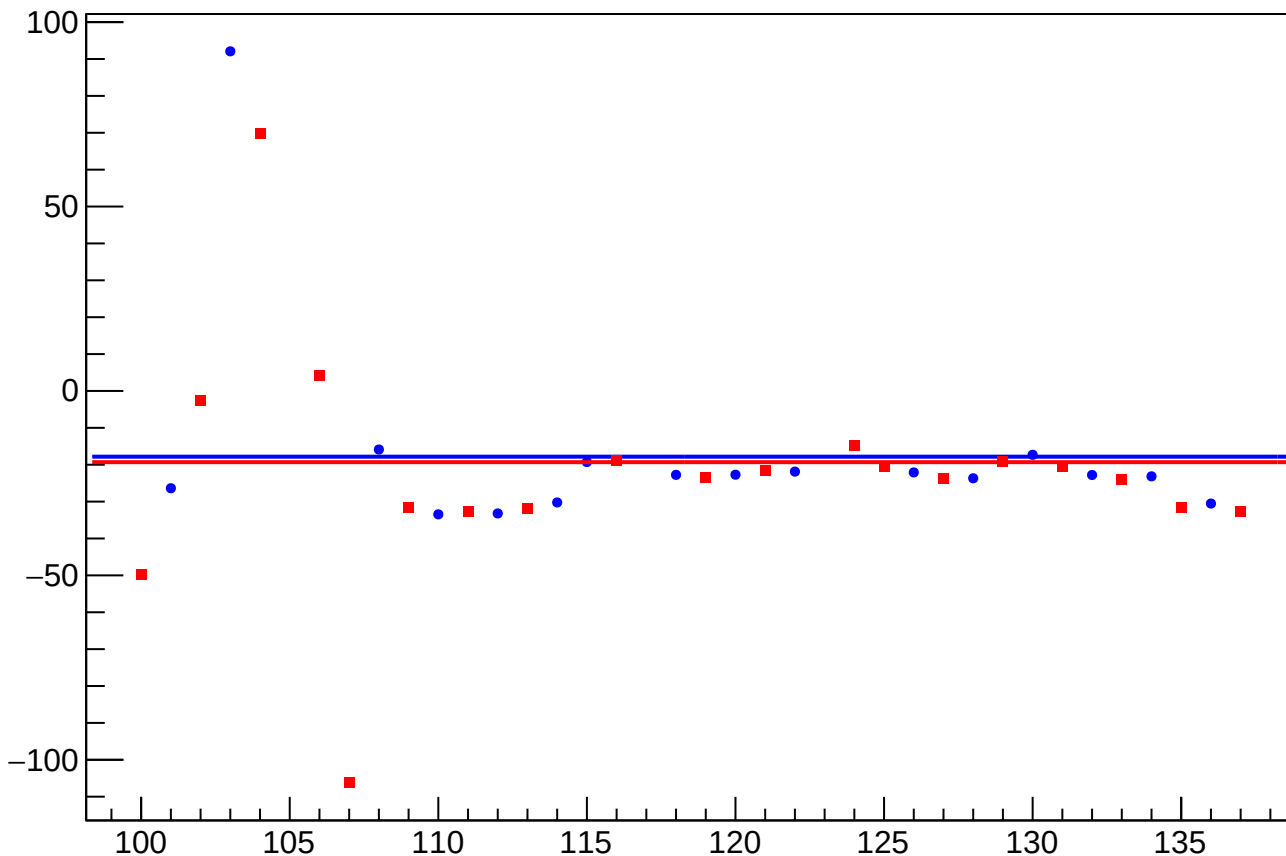
Right: -36.577 $\pm$ 0.500 χ^2 /NDF: 1296.8/34

In: -35.104 $\pm$ 0.700 χ^2 /NDF:773.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -36.577 $\pm$ 0.500 χ^2 /NDF: 1296.8/34

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.817 ± 0.043 $\chi^2/\text{NDF}: 426105.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.311 ± 0.046 $\chi^2/\text{NDF}: 344626.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

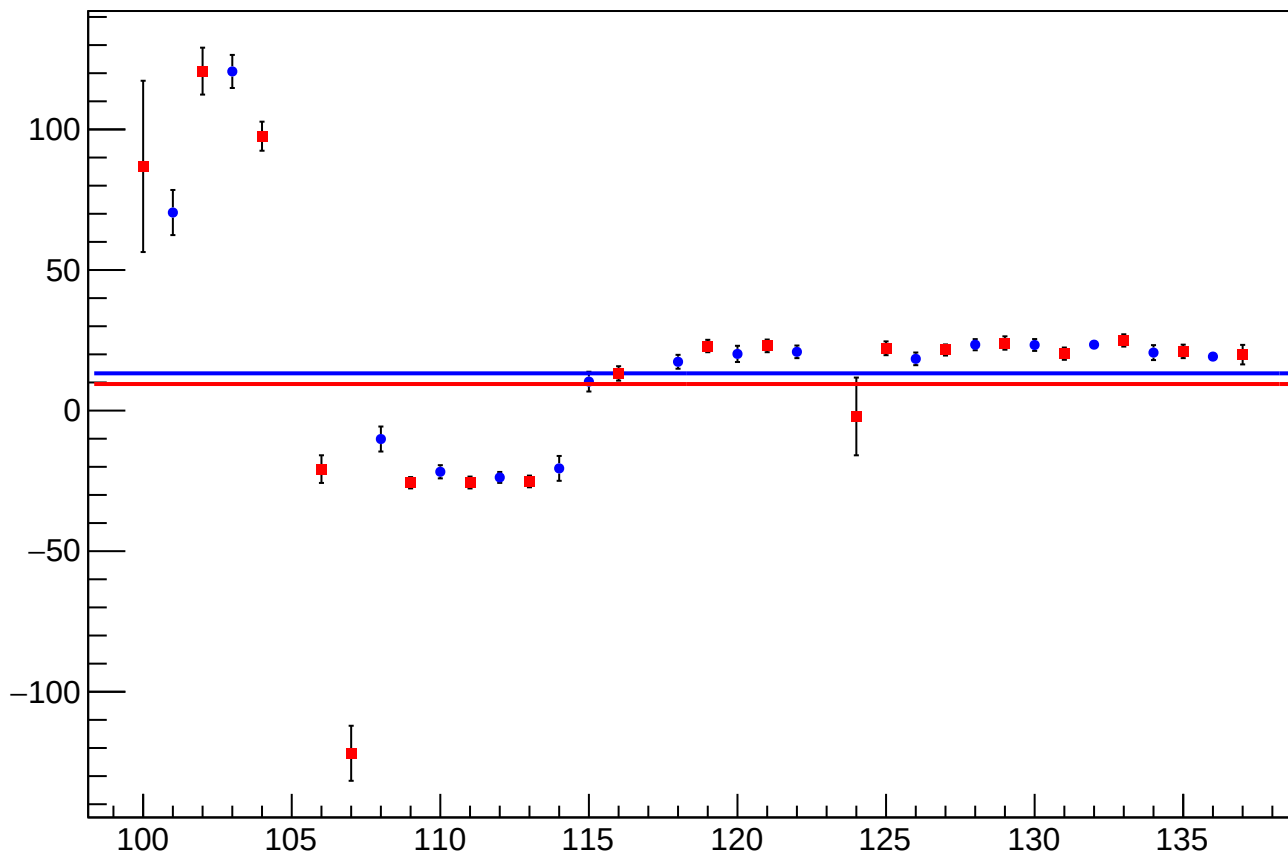
Right: -18.516 ± 0.032 $\chi^2/\text{NDF}: 771290.6/34$

In: -17.817 ± 0.043 $\chi^2/\text{NDF}: 426105.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.516 ± 0.032 $\chi^2/\text{NDF}: 771290.6/34$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 13.250+/-0.615 χ^2/NDF : 1182.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.450+/-0.615 χ^2/NDF : 1836.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

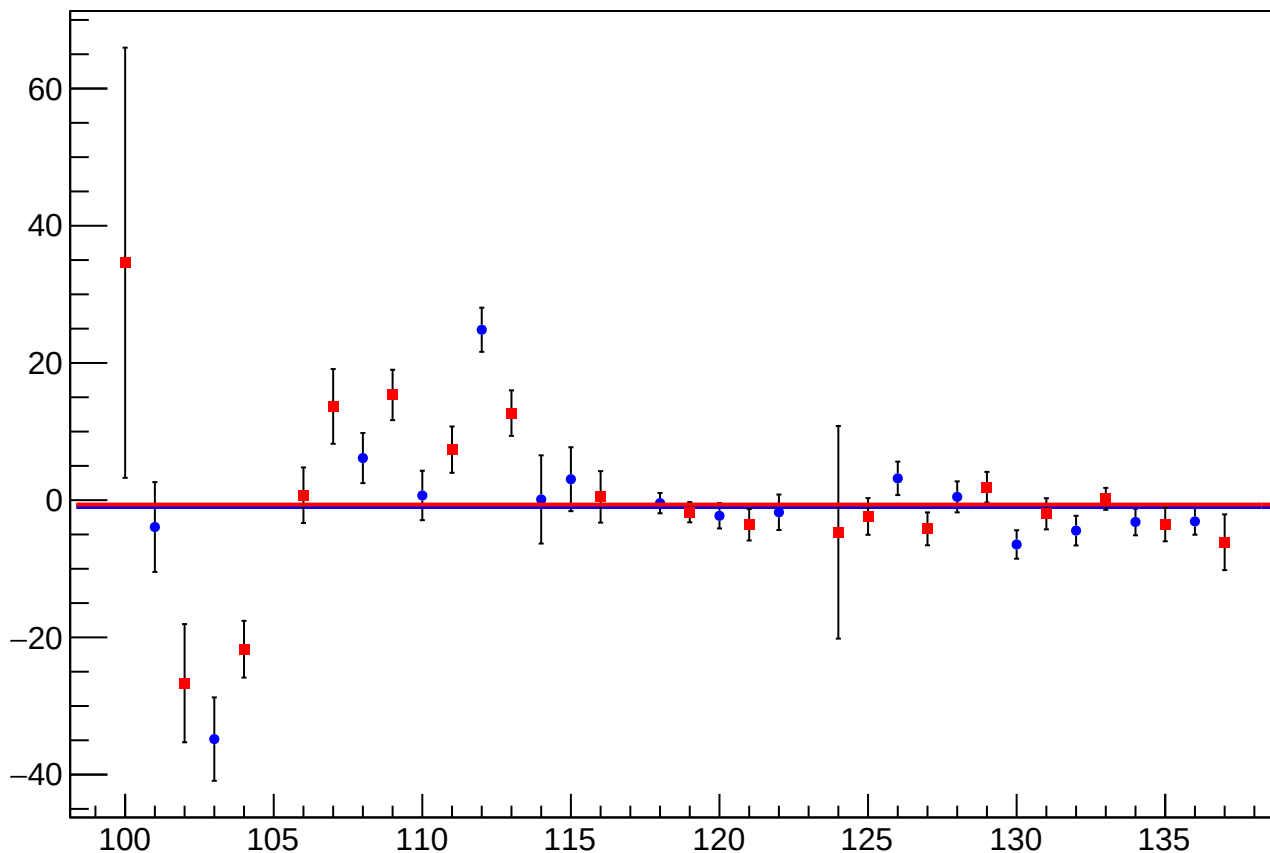
Right: 11.351+/-0.435 χ^2/NDF : 3038.2/34

In: 13.250+/-0.615 χ^2/NDF : 1182.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.351+/-0.435 χ^2/NDF : 3038.2/34

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.993 ± 0.619 χ^2/NDF : 116.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.644 ± 0.636 χ^2/NDF : 94.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

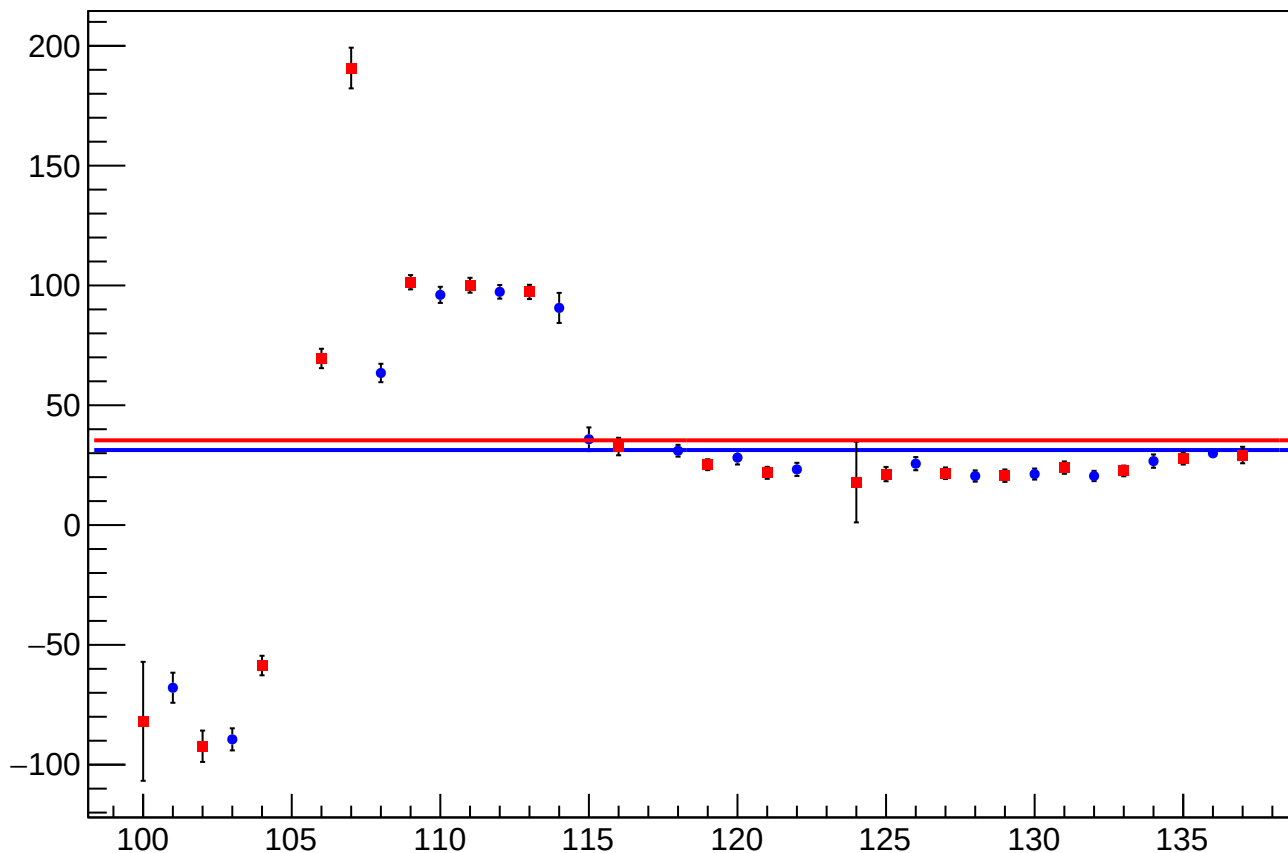
Right: -0.823 ± 0.443 χ^2/NDF : 210.7/34

In: -0.993 ± 0.619 χ^2/NDF : 116.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.823 ± 0.443 χ^2/NDF : 210.7/34

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 31.310 $\pm$ 0.700 χ^2 /NDF: 2085.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.366 $\pm$ 0.717 χ^2 /NDF: 2897.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

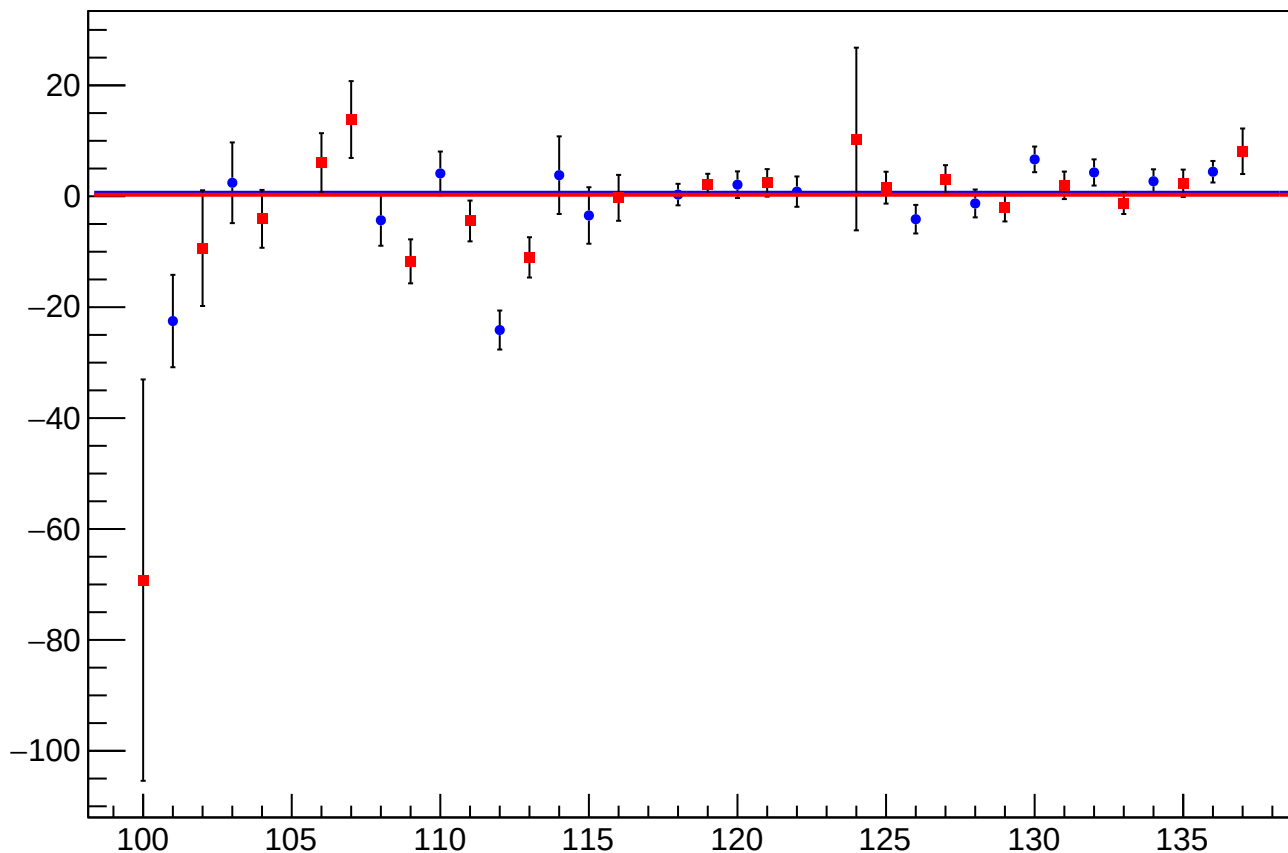
Right: 33.289 $\pm$ 0.501 χ^2 /NDF: 4999.9/34

In: 31.310 $\pm$ 0.700 χ^2 /NDF:2085.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 33.289 $\pm$ 0.501 χ^2 /NDF: 4999.9/34

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.632 $\pm$ 0.705 χ^2 /NDF: 78.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.274 $\pm$ 0.726 χ^2 /NDF: 40.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

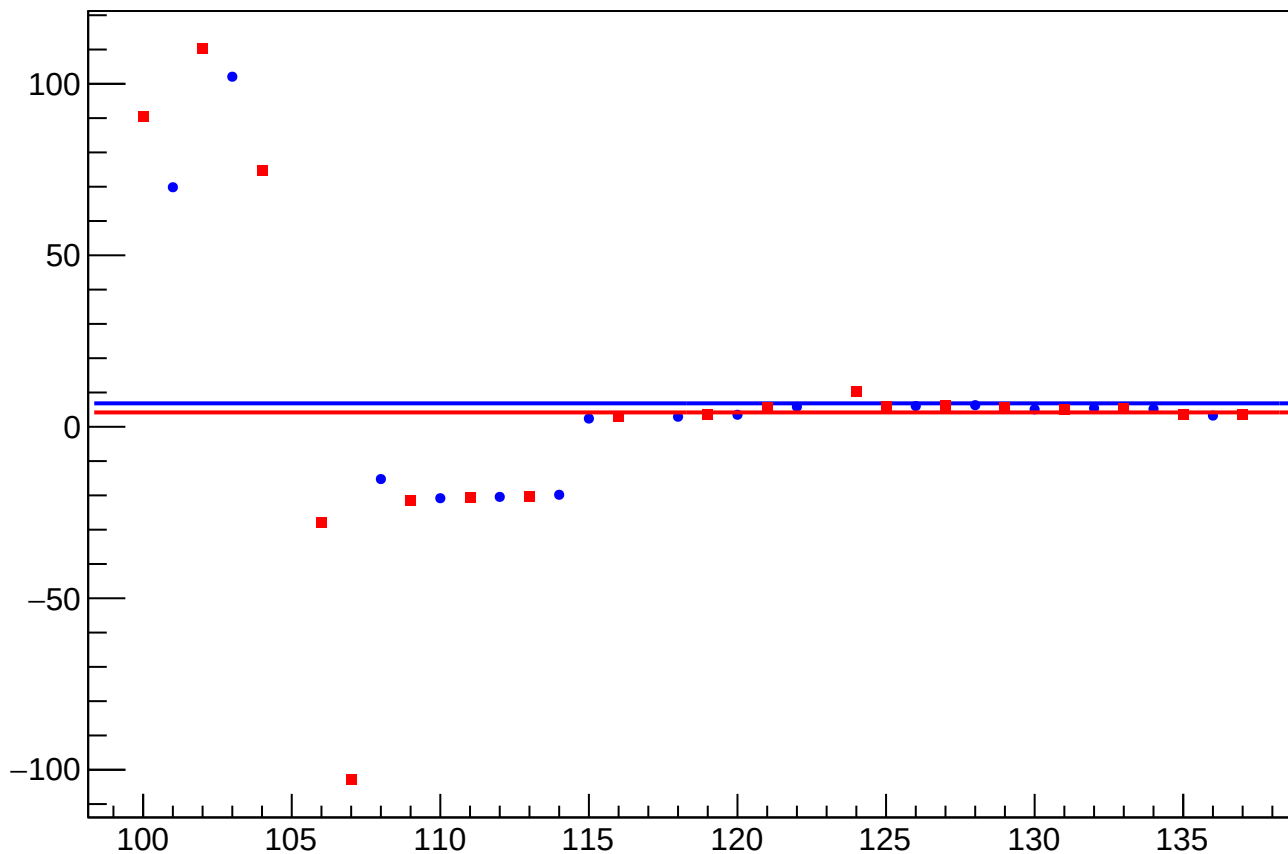
Right: 0.459 $\pm$ 0.506 χ^2 /NDF: 119.0/34

In: 0.632 $\pm$ 0.705 χ^2 /NDF:78.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.459 $\pm$ 0.506 χ^2 /NDF: 119.0/34

reg_asym_at1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 6.838+/-0.043 χ^2/NDF : 320954.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.190+/-0.046 χ^2/NDF : 434546.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

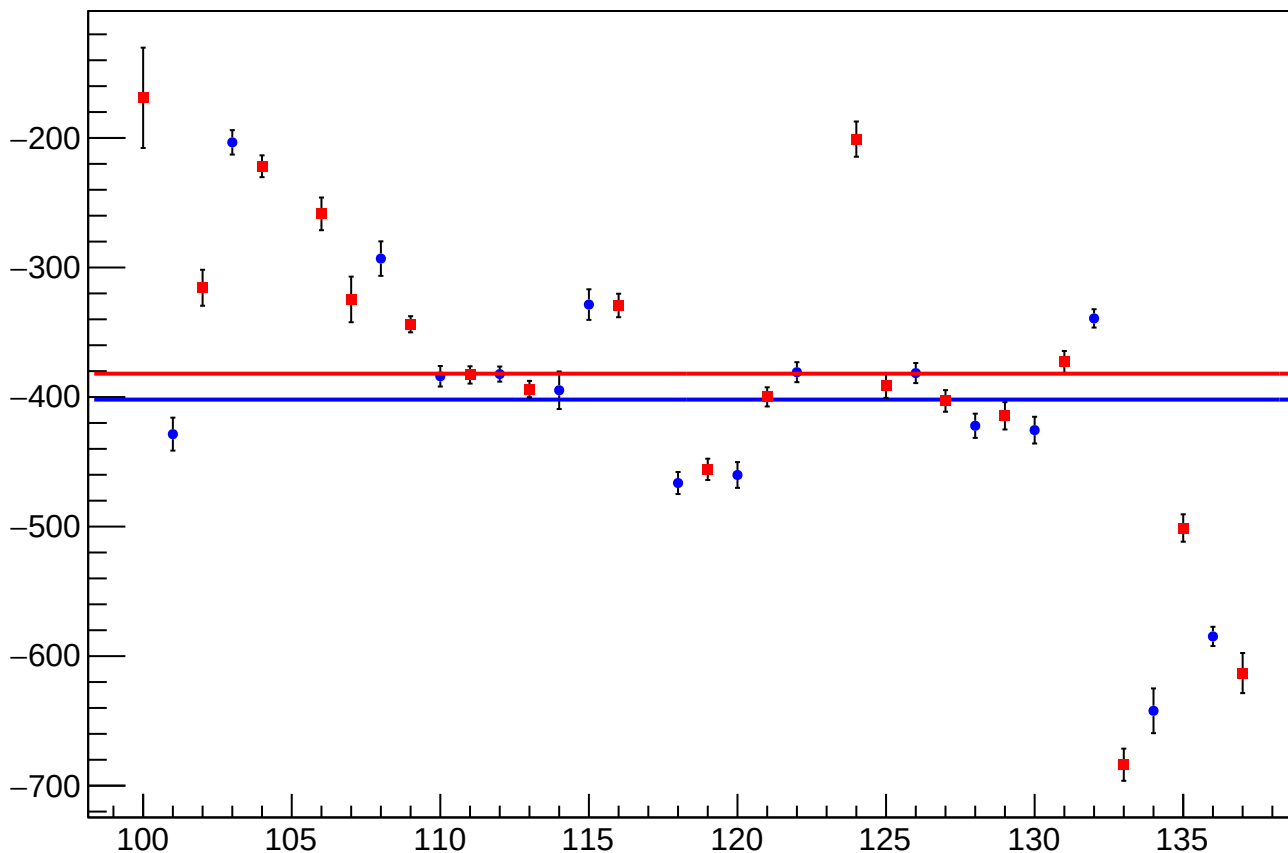
Right: 5.616+/-0.031 χ^2/NDF : 757263.1/34

In: 6.838+/-0.043 χ^2/NDF : 320954.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.616+/-0.031 χ^2/NDF : 757263.1/34

reg_asym_at2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -401.961+/-2.236 χ^2/NDF : 1563.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.949+/-2.124 χ^2/NDF : 1817.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

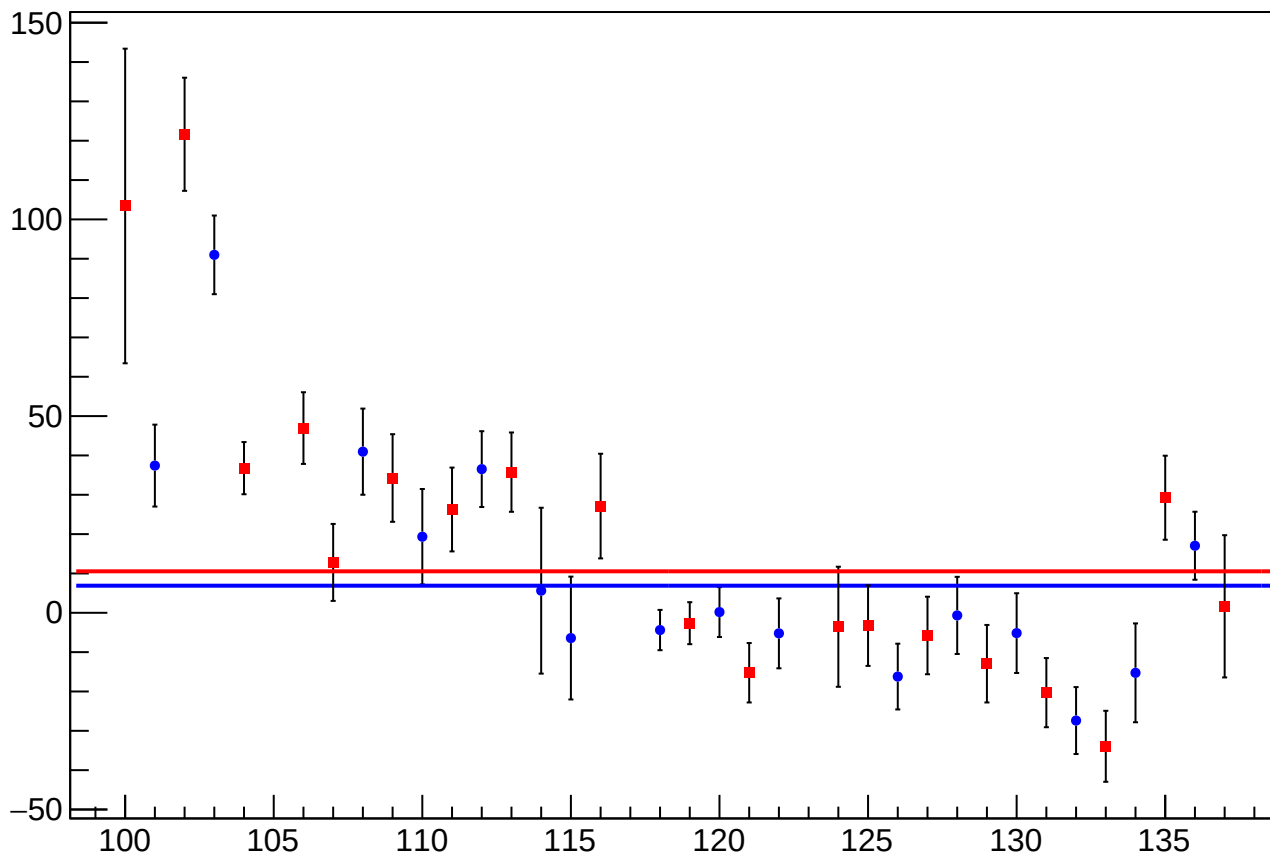
Right: -391.443+/-1.540 χ^2/NDF : 3422.8/34

In: -401.961+/-2.236 χ^2/NDF : 1563.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -391.443+/-1.540 χ^2/NDF : 3422.8/34

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.889+/-2.264 χ^2/NDF : 138.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.544+/-2.197 χ^2/NDF : 180.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

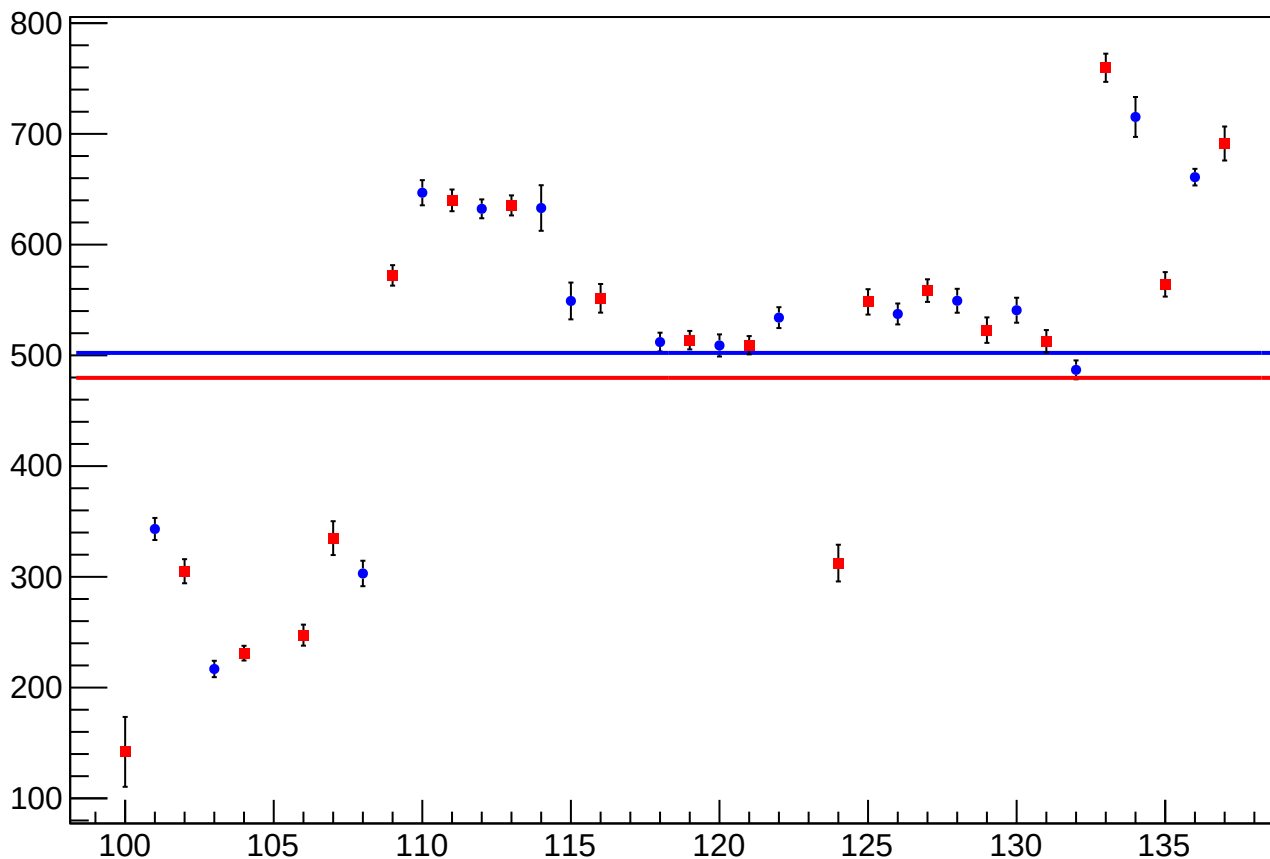
Right: 8.772+/-1.577 χ^2/NDF : 319.8/34

In: 6.889+/-2.264 χ^2/NDF : 138.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.772+/-1.577 χ^2/NDF : 319.8/34

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 502.213+/-2.493 χ^2/NDF : 3135.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.679+/-2.399 χ^2/NDF : 4138.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

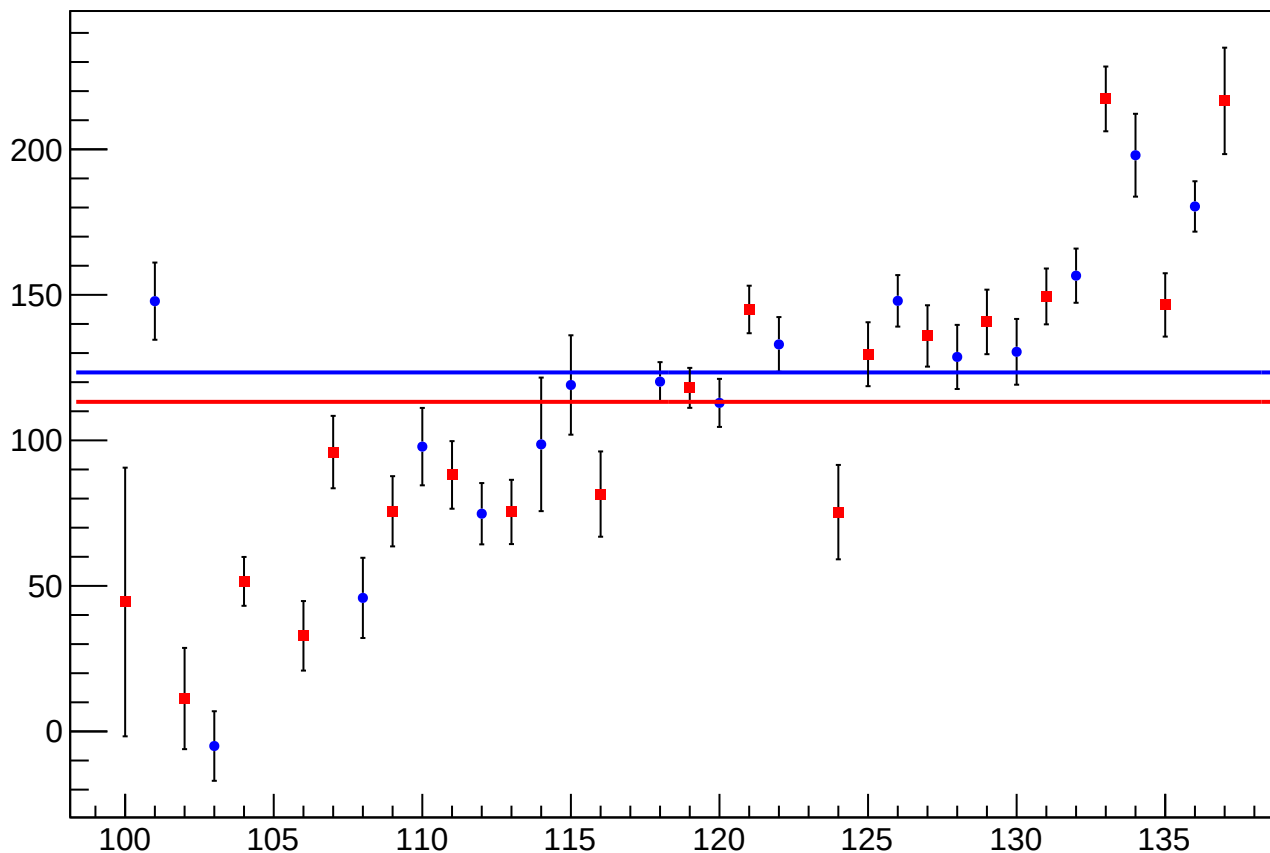
Right: 490.515+/-1.729 χ^2/NDF : 7316.1/34

In: 502.213+/-2.493 χ^2/NDF : 3135.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 490.515+/-1.729 χ^2/NDF : 7316.1/34

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 123.344+/-2.627 χ^2/NDF : 271.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.235+/-2.545 χ^2/NDF : 345.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

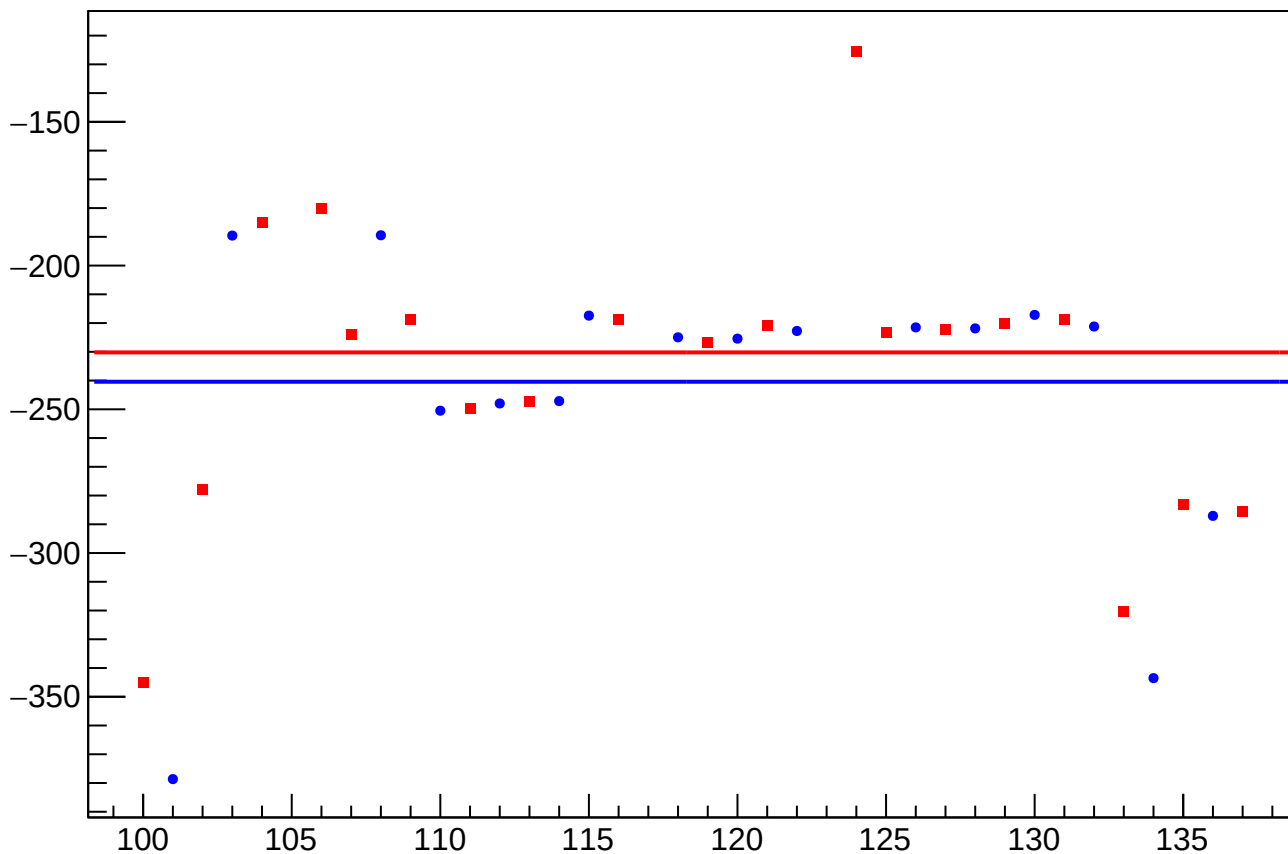
Right: 118.129+/-1.828 χ^2/NDF : 624.8/34

In: 123.344+/-2.627 χ^2/NDF : 271.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.129+/-1.828 χ^2/NDF : 624.8/34

reg_asym_at2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -240.411+/-0.151 χ^2 /NDF: 134152.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -230.207+/-0.146 χ^2 /NDF: 83431.4/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

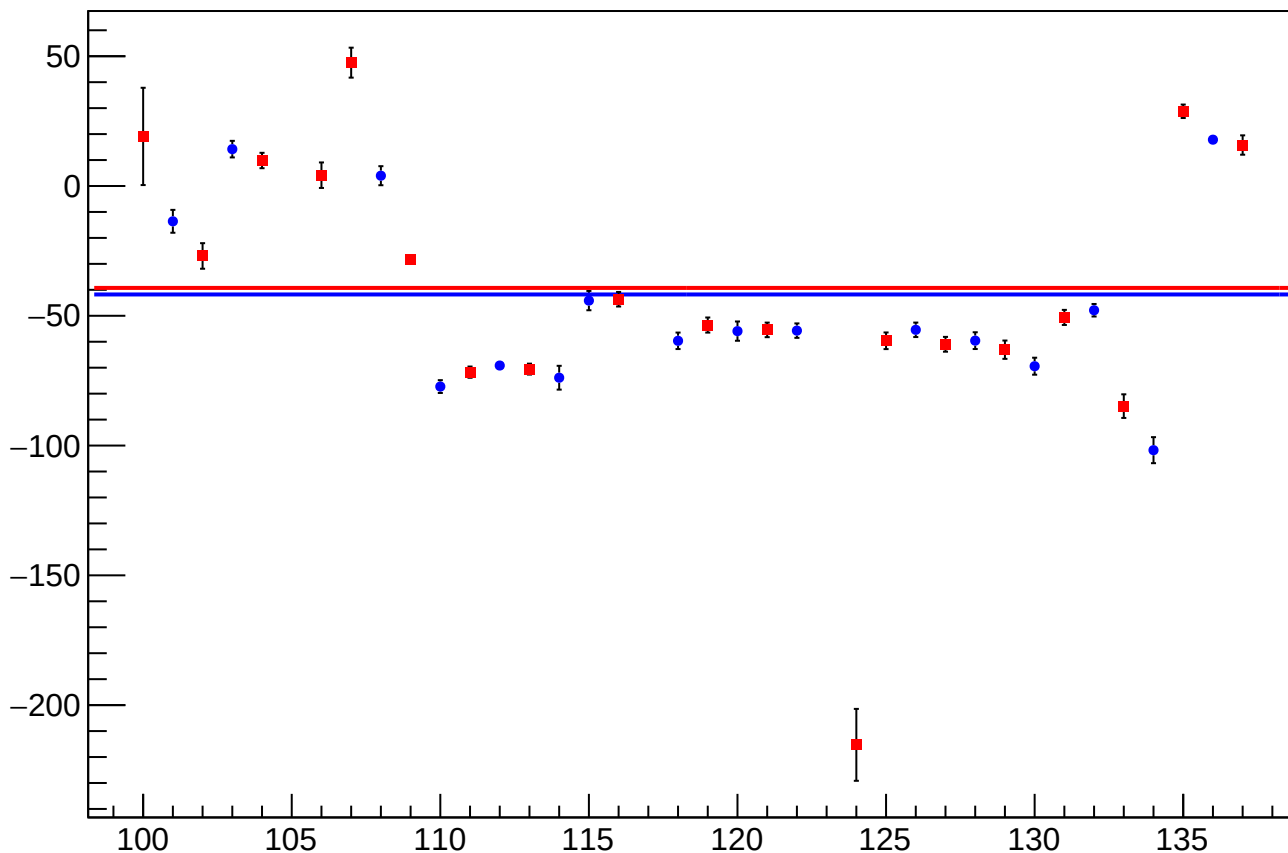
Right: -235.167+/-0.105 χ^2 /NDF: 219942.1/34

In: -240.411+/-0.151 χ^2 /NDF:134152.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -235.167+/-0.105 χ^2 /NDF: 219942.1/34

reg_asym_at2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -41.788 ± 0.723 χ^2/NDF : 2405.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.263 ± 0.680 χ^2/NDF : 2478.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

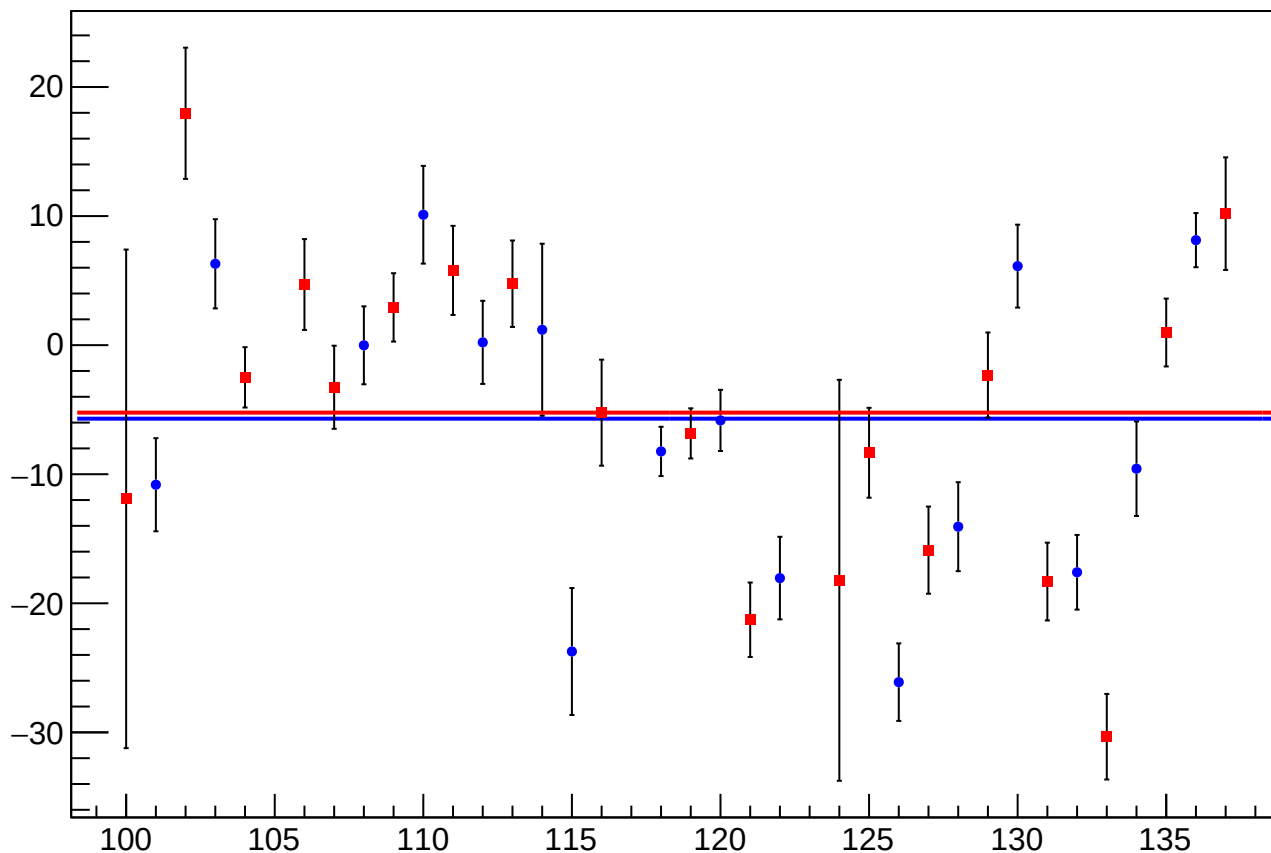
Right: -40.447 ± 0.495 χ^2/NDF : 4890.2/34

In: -41.788 ± 0.723 χ^2/NDF : 2405.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.447 ± 0.495 χ^2/NDF : 4890.2/34

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.697+/-0.753 χ^2/NDF : 196.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.227+/-0.740 χ^2/NDF : 197.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

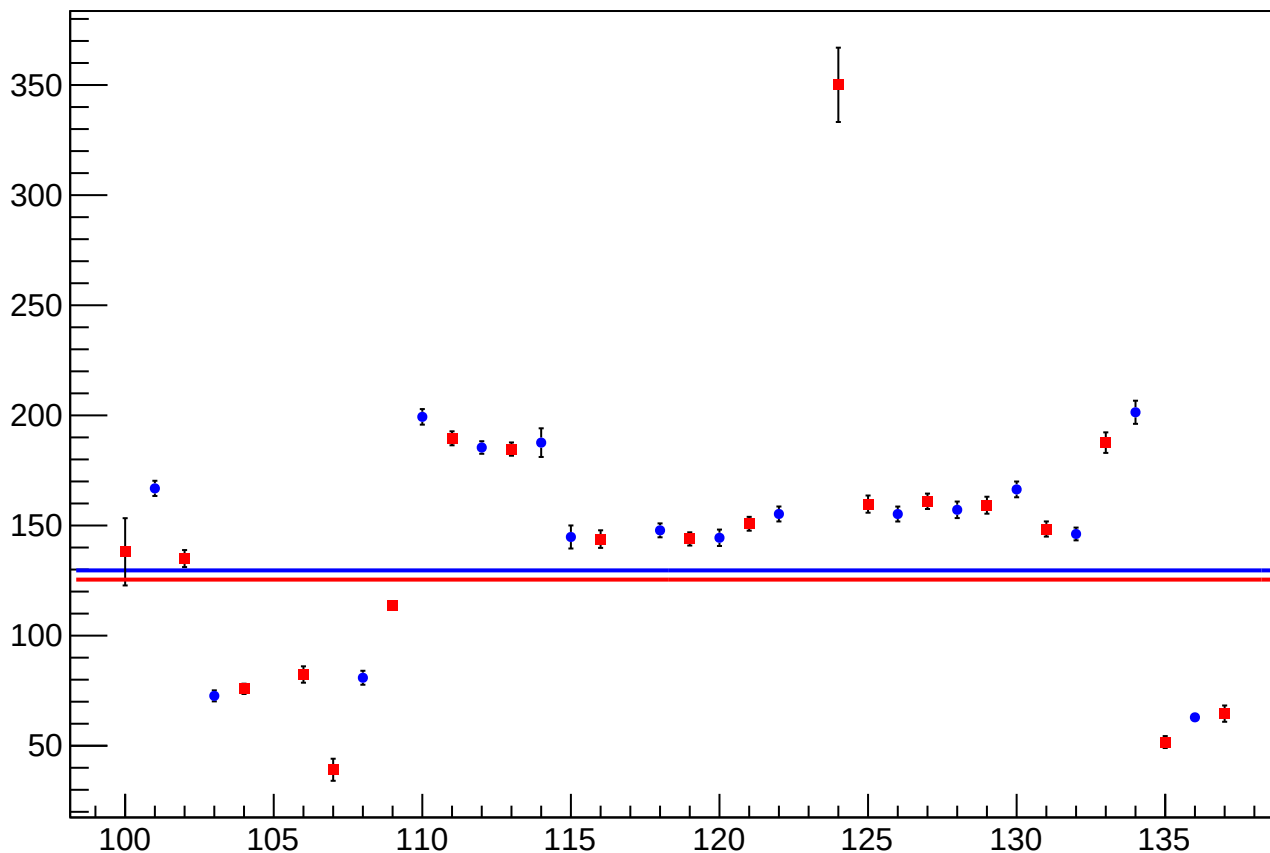
Right: -5.458+/-0.528 χ^2/NDF : 394.3/34

In: -5.697+/-0.753 χ^2/NDF : 196.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.458+/-0.528 χ^2/NDF : 394.3/34

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 129.621+/-0.801 χ^2/NDF : 3624.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 125.435+/-0.790 χ^2/NDF : 3503.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

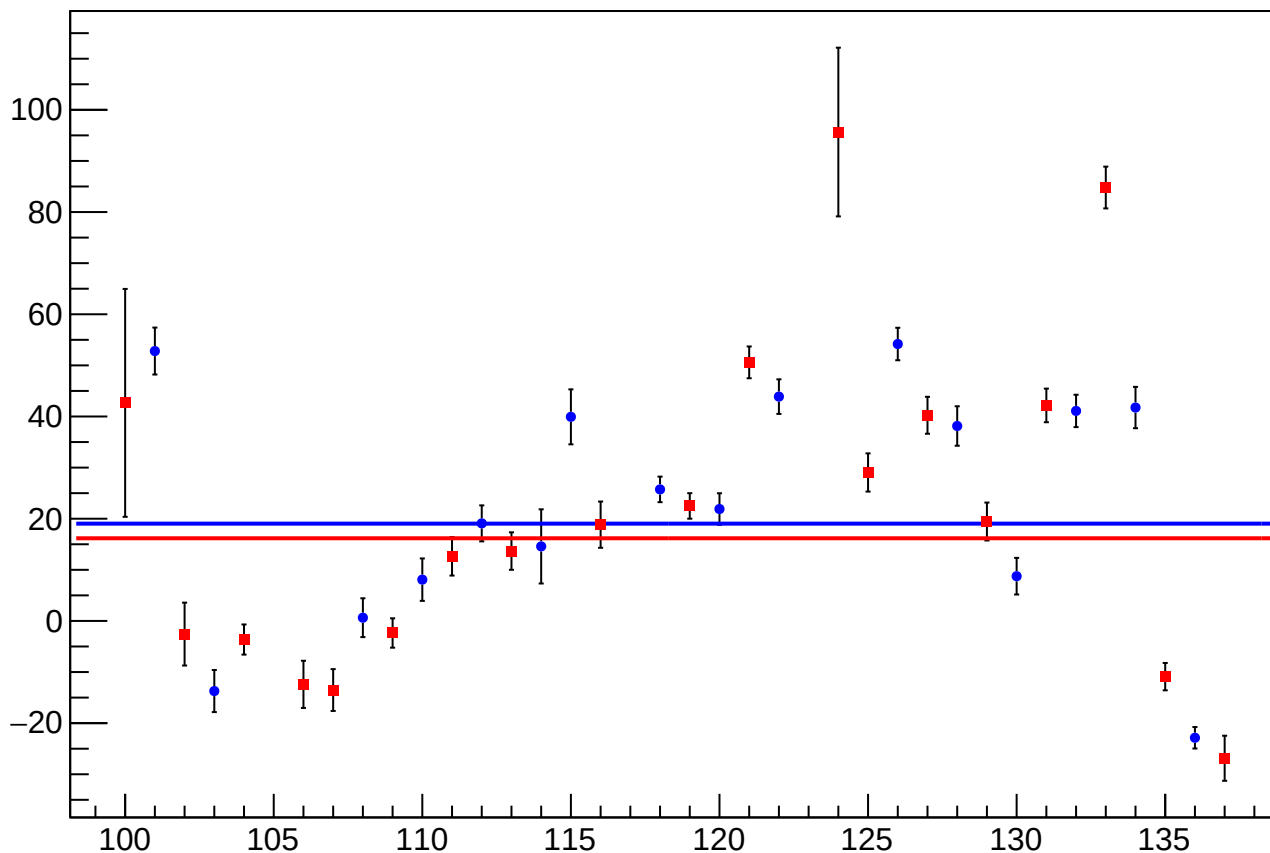
Right: 127.500+/-0.562 χ^2/NDF : 7141.4/34

In: 129.621+/-0.801 χ^2/NDF :3624.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 127.500+/-0.562 χ^2/NDF : 7141.4/34

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.035+/-0.860 χ^2/NDF : 858.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.173+/-0.846 χ^2/NDF : 941.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

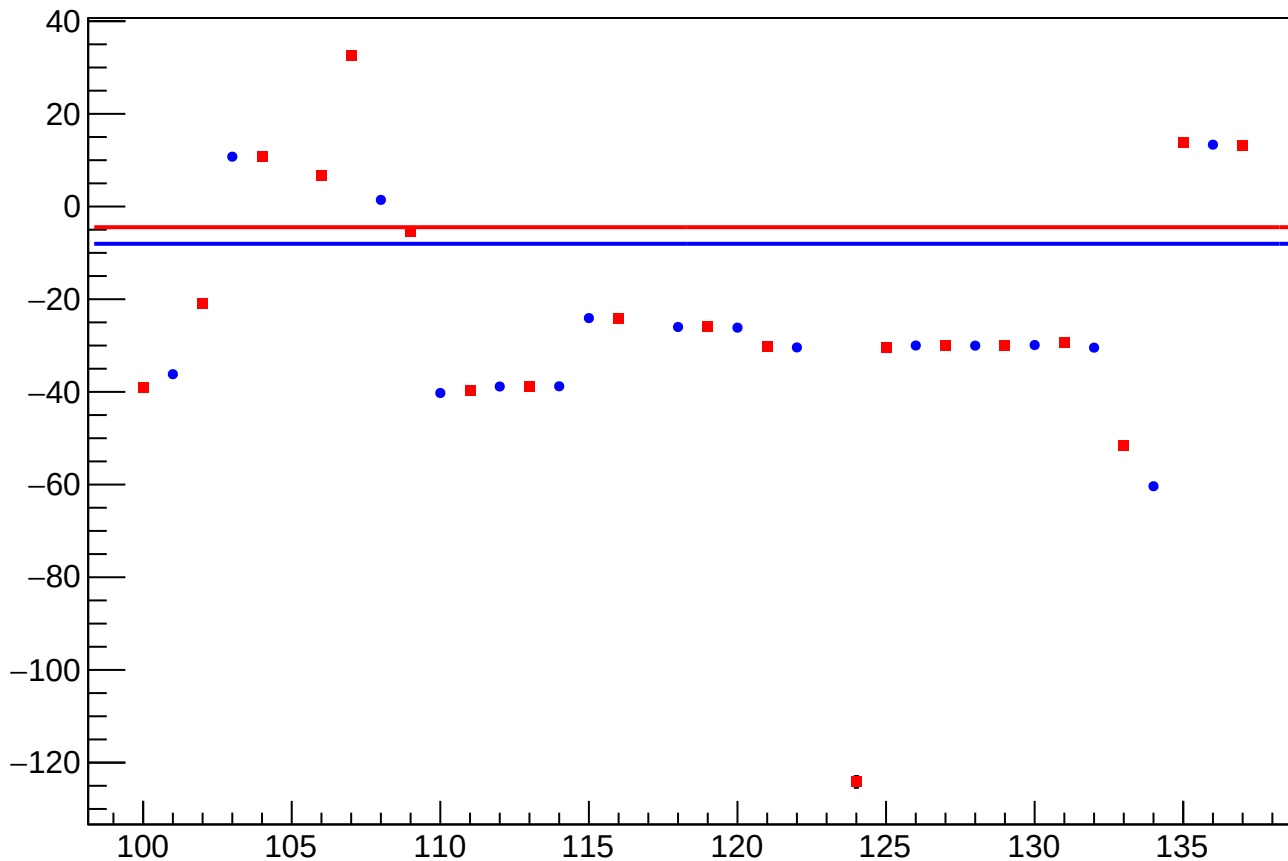
Right: 17.581+/-0.603 χ^2/NDF : 1804.9/34

In: 19.035+/-0.860 χ^2/NDF : 858.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.581+/-0.603 χ^2/NDF : 1804.9/34

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.038 $\pm$ 0.046 χ^2 /NDF: 267883.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.461 $\pm$ 0.047 χ^2 /NDF: 228422.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

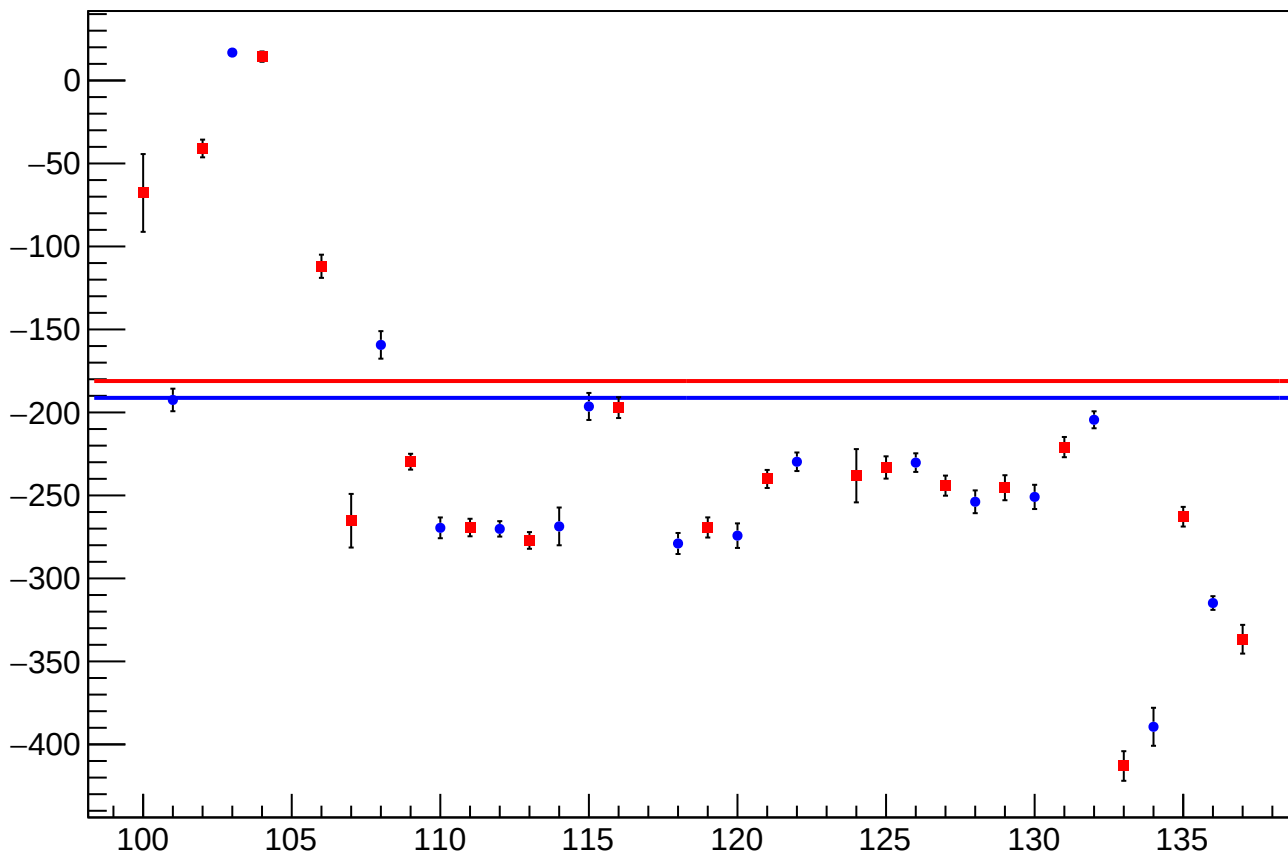
Right: -6.287 $\pm$ 0.033 χ^2 /NDF: 499287.4/34

In: -8.038 $\pm$ 0.046 χ^2 /NDF:267883.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.287 $\pm$ 0.033 χ^2 /NDF: 499287.4/34

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -191.225 ± 1.419 χ^2/NDF : 7224.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -181.080 ± 1.383 χ^2/NDF : 7374.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

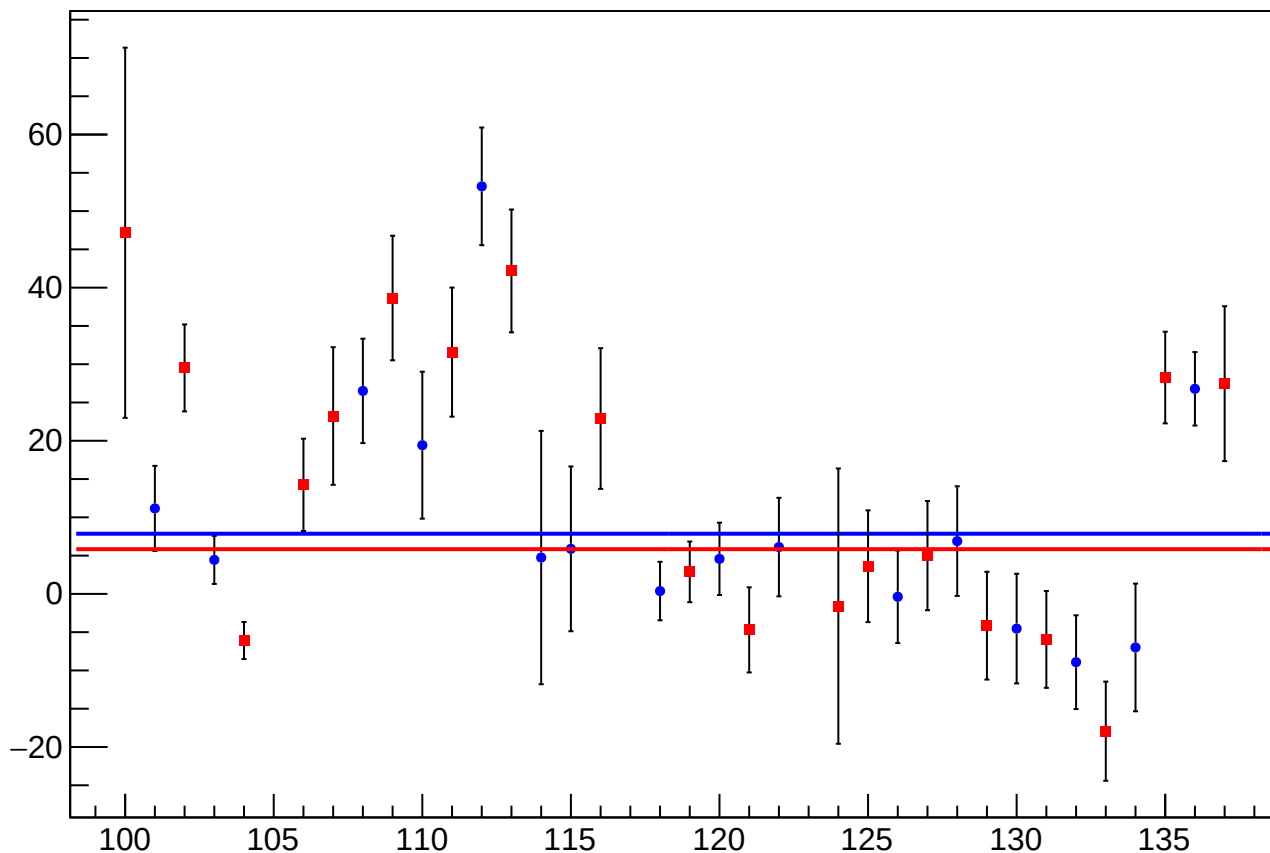
Right: -186.022 ± 0.990 χ^2/NDF : 14624.9/34

In: -191.225 ± 1.419 χ^2/NDF : 7224.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -186.022 ± 0.990 χ^2/NDF : 14624.9/34

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.859+/-1.438 χ^2/NDF : 80.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.839+/-1.355 χ^2/NDF : 141.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

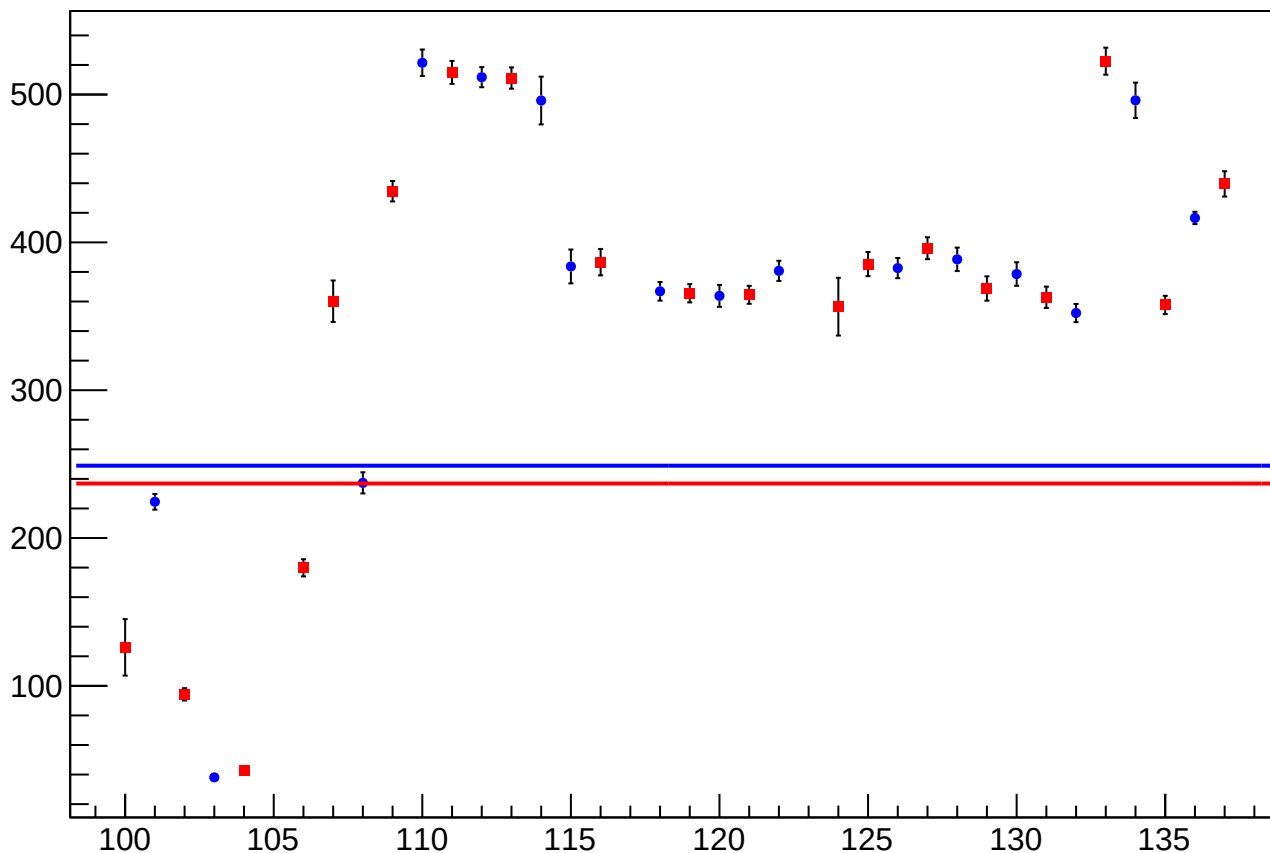
Right: 6.789+/-0.986 χ^2/NDF : 223.8/34

In: 7.859+/-1.438 χ^2/NDF : 80.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.789+/-0.986 χ^2/NDF : 223.8/34

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 248.932 $\pm$ 1.422 χ^2 /NDF: 15302.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 236.871 $\pm$ 1.407 χ^2 /NDF: 15657.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

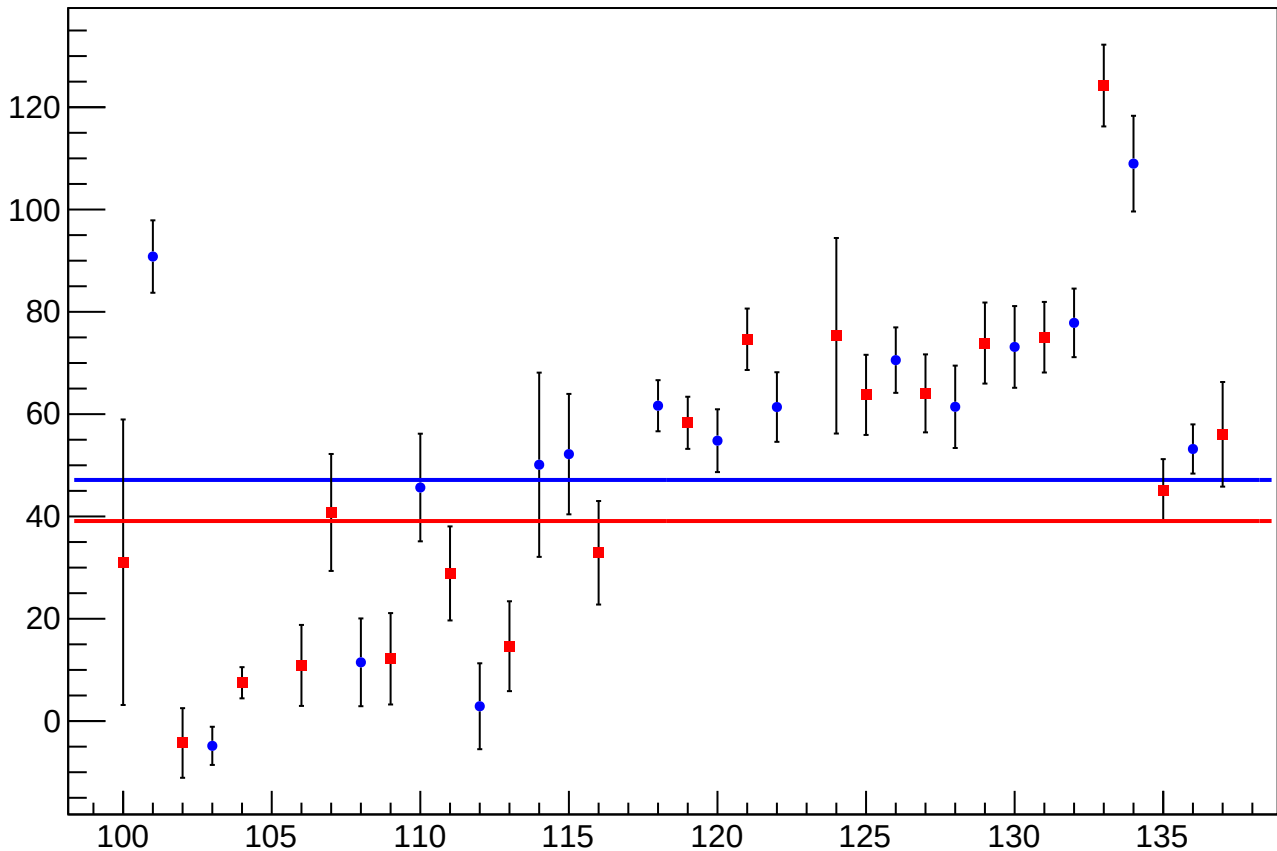
Right: 242.838 $\pm$ 1.000 χ^2 /NDF: 30995.9/34

In: 248.932 $\pm$ 1.422 χ^2 /NDF:15302.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 242.838 $\pm$ 1.000 χ^2 /NDF: 30995.9/34

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.137+/-1.668 χ^2/NDF : 385.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.105+/-1.596 χ^2/NDF : 416.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

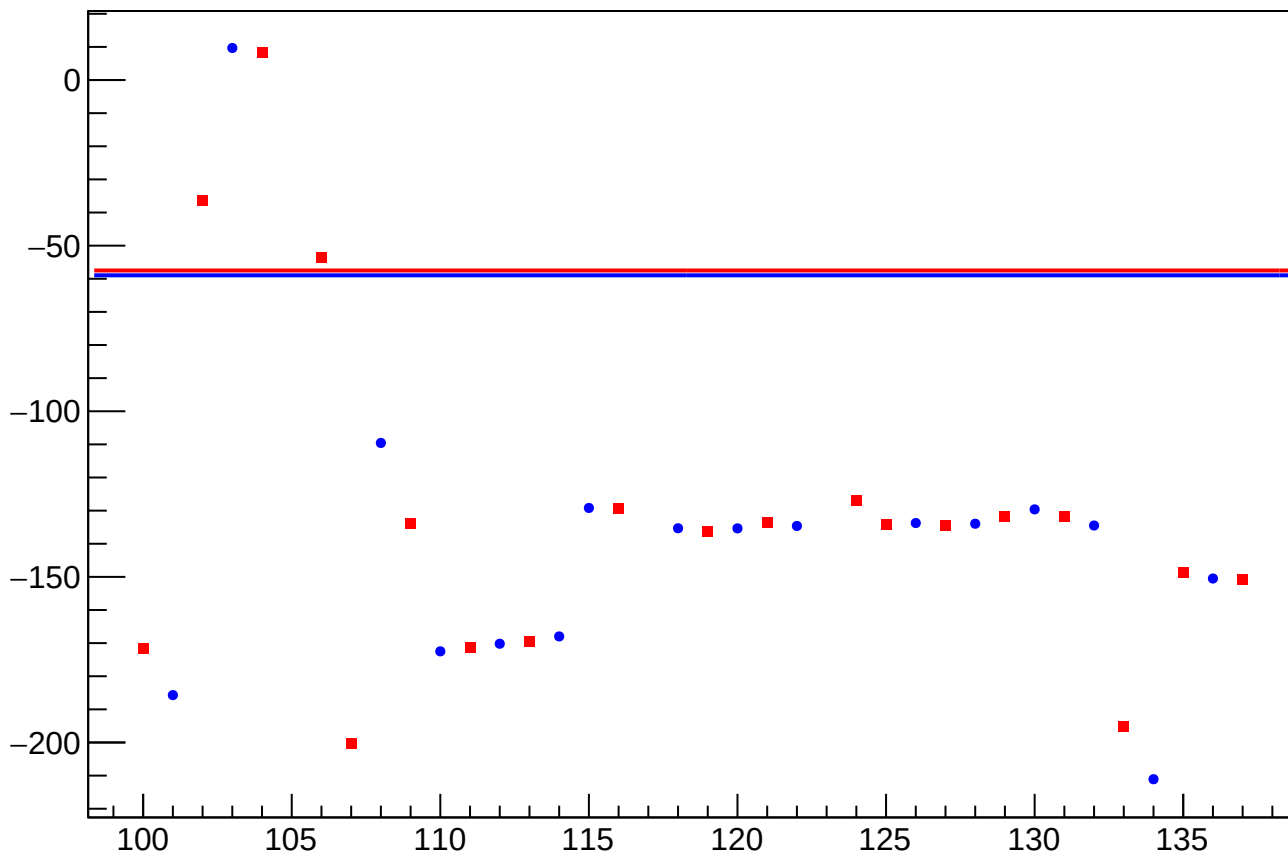
Right: 42.944+/-1.153 χ^2/NDF : 813.9/34

In: 47.137+/-1.668 χ^2/NDF : 385.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.944+/-1.153 χ^2/NDF : 813.9/34

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.956 $\pm$ 0.073 χ^2 /NDF: 1227079.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -57.497 $\pm$ 0.074 χ^2 /NDF: 871305.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

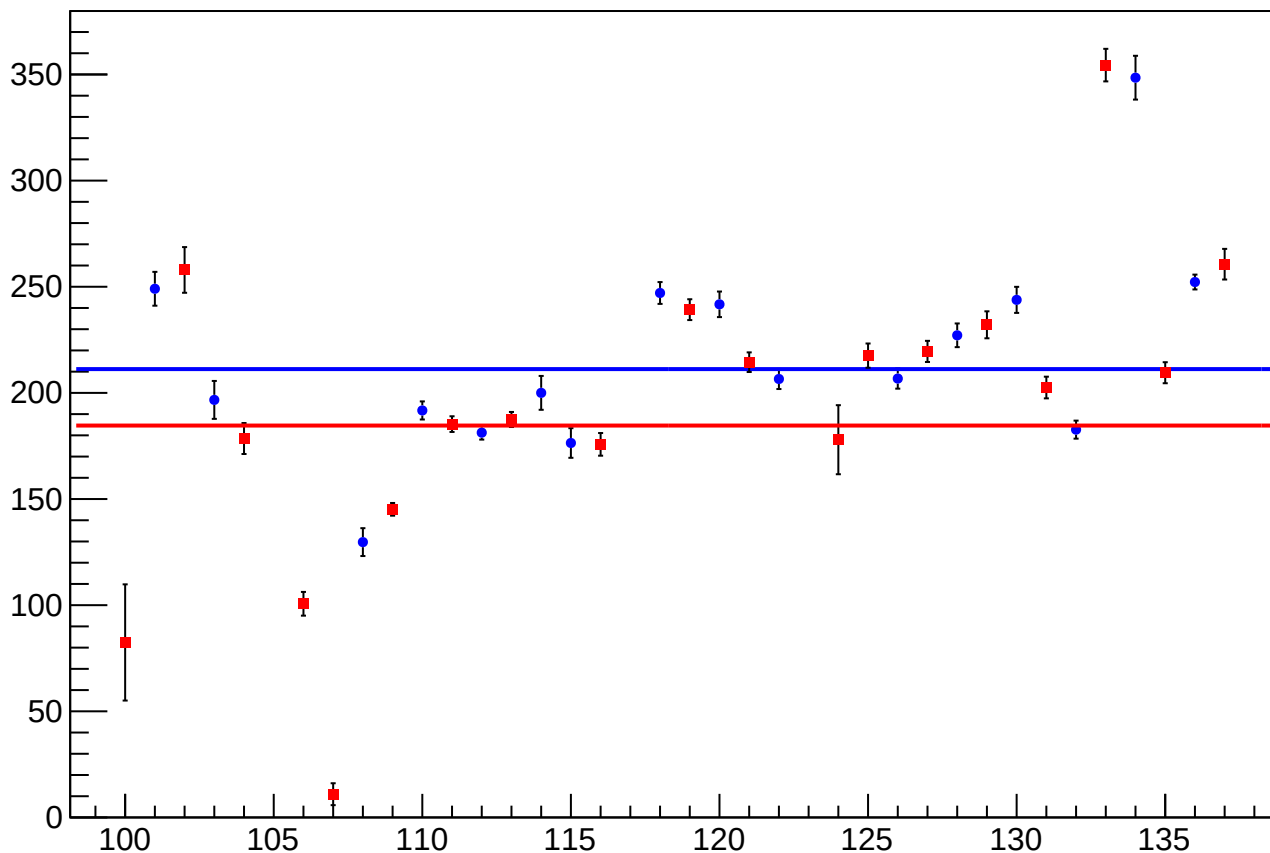
Right: -58.243 $\pm$ 0.052 χ^2 /NDF: 2098582.3/34

In: -58.956 $\pm$ 0.073 χ^2 /NDF:1227079.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -58.243 $\pm$ 0.052 χ^2 /NDF: 2098582.3/34

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 211.210+/-1.296 χ^2/NDF : 783.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 184.614+/-1.194 χ^2/NDF : 2540.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

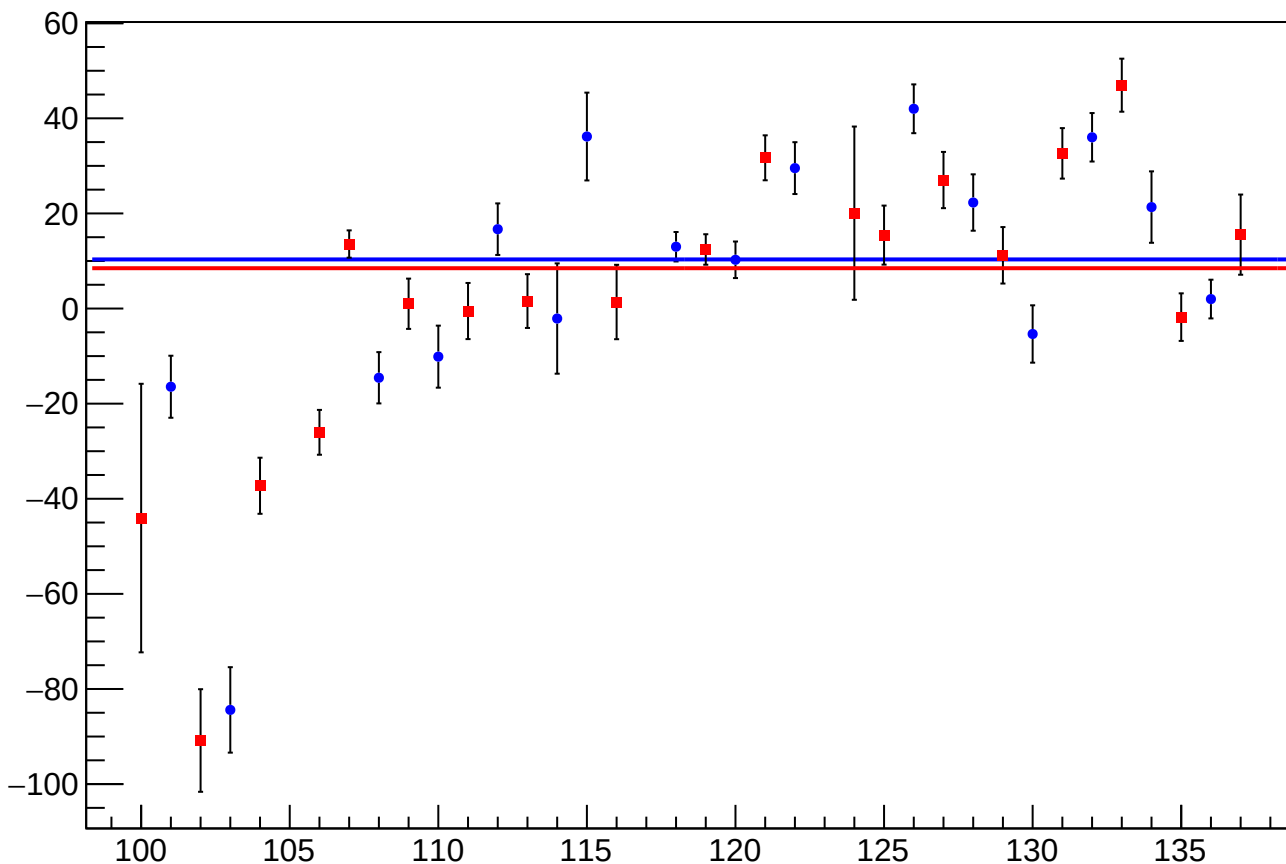
Right: 196.825+/-0.878 χ^2/NDF : 3551.2/34

In: 211.210+/-1.296 χ^2/NDF : 783.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 196.825+/-0.878 χ^2/NDF : 3551.2/34

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.329+/-1.333 χ^2/NDF : 263.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.480+/-1.225 χ^2/NDF : 322.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

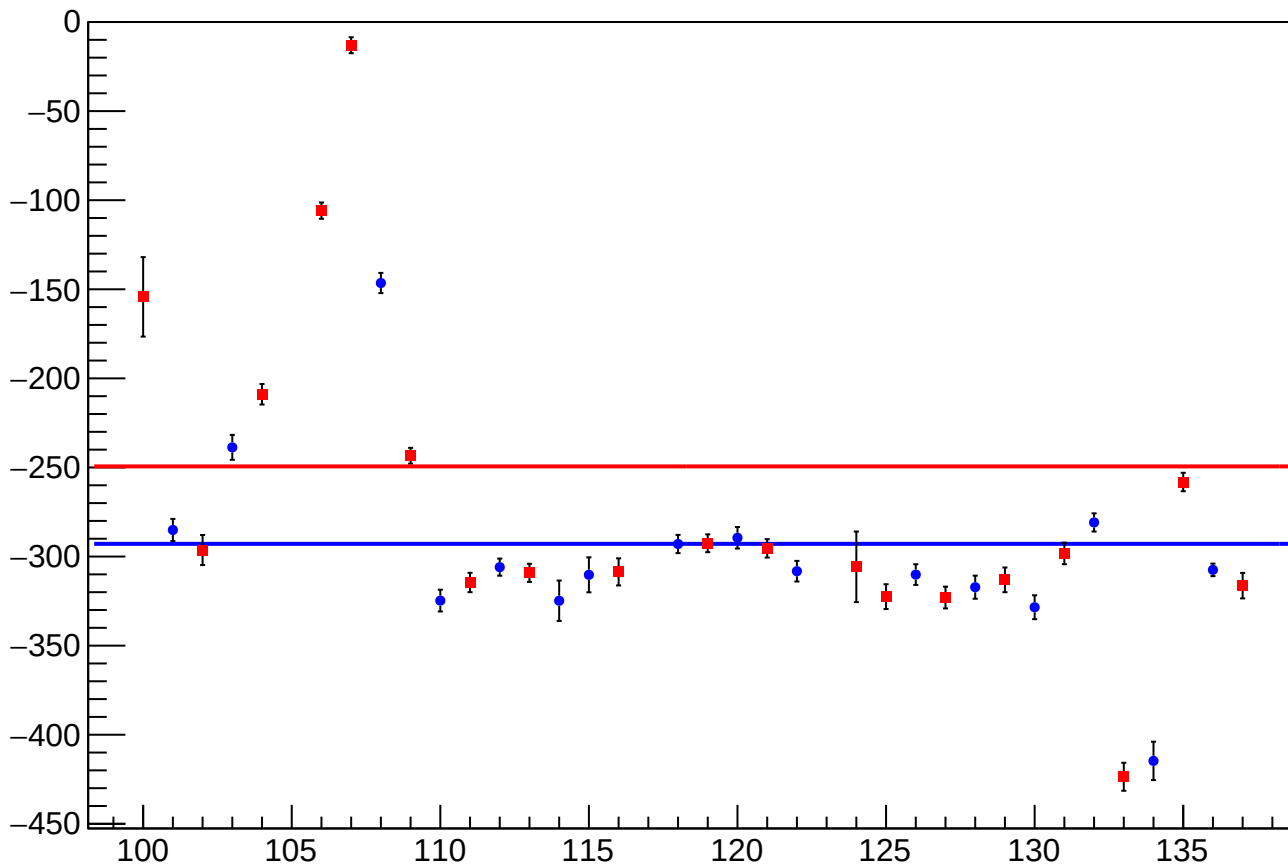
Right: 9.326+/-0.902 χ^2/NDF : 586.7/34

In: 10.329+/-1.333 χ^2/NDF : 263.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.326+/-0.902 χ^2/NDF : 586.7/34

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -292.872 ± 1.467 χ^2/NDF : 983.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -249.407 ± 1.369 χ^2/NDF : 5368.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

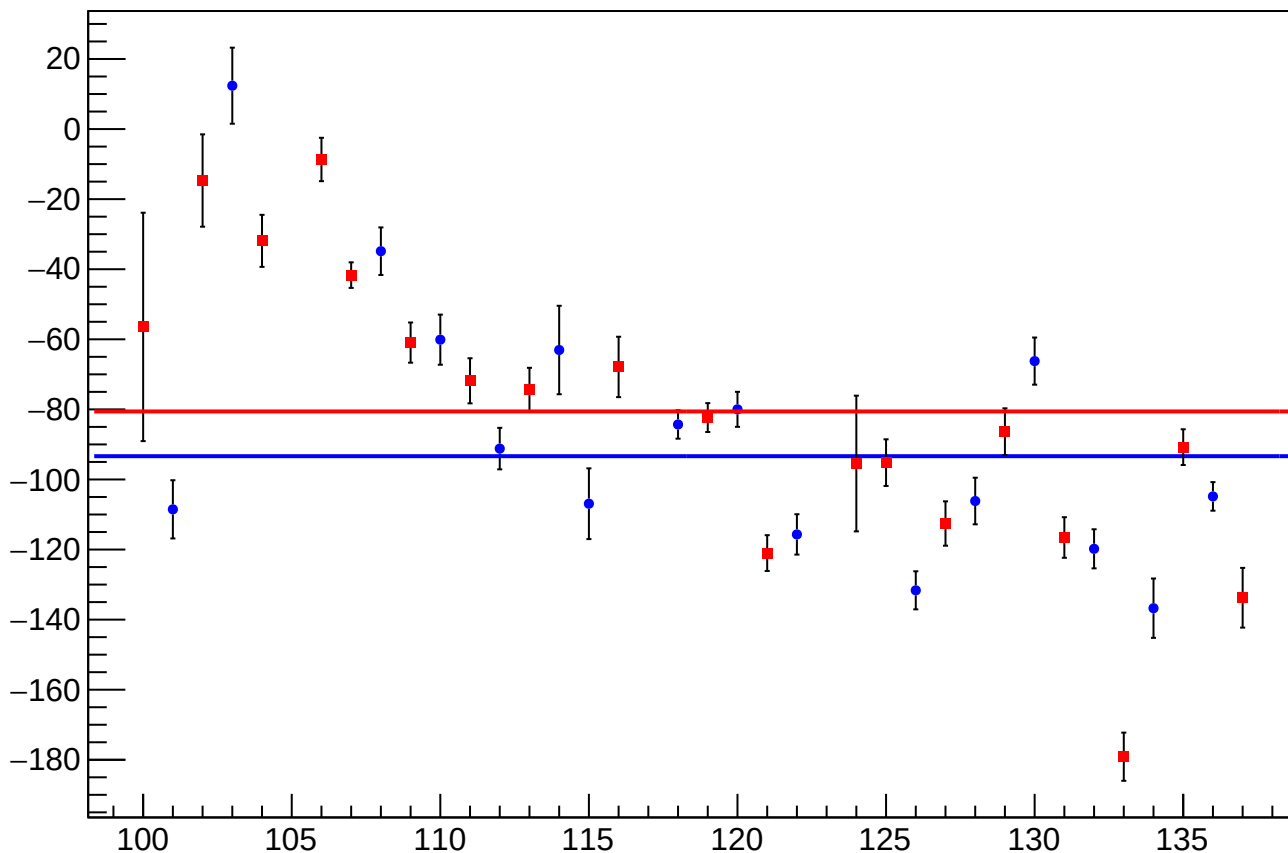
Right: -269.627 ± 1.001 χ^2/NDF : 6821.1/34

In: -292.872 ± 1.467 χ^2/NDF : 983.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -269.627 ± 1.001 χ^2/NDF : 6821.1/34

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.357 $\pm$ 1.534 χ^2 /NDF: 355.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -80.592 $\pm$ 1.424 χ^2 /NDF: 715.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

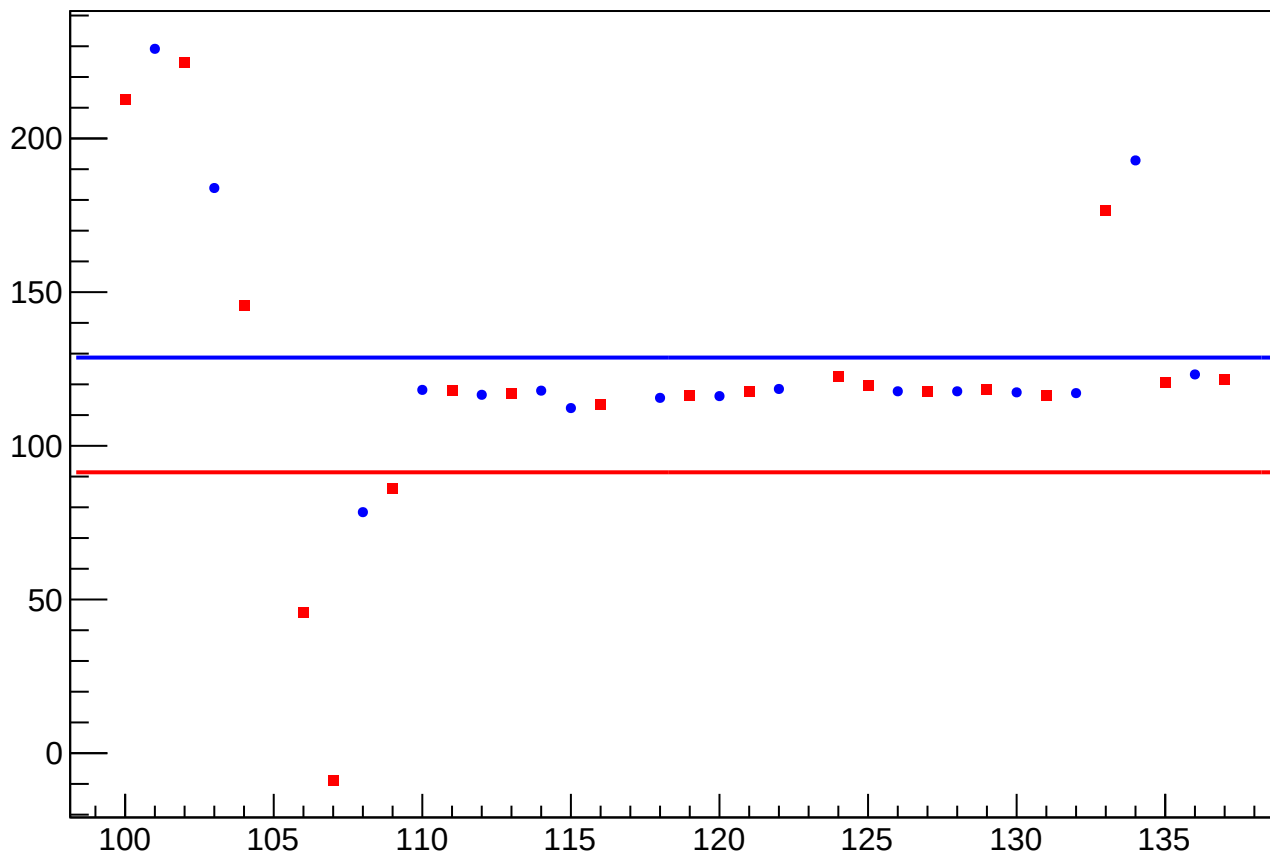
Right: -86.499 $\pm$ 1.044 χ^2 /NDF: 1107.8/34

In: -93.357 $\pm$ 1.534 χ^2 /NDF:355.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -86.499 $\pm$ 1.044 χ^2 /NDF: 1107.8/34

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.715+/-0.089 χ^2/NDF : 183522.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.385+/-0.079 χ^2/NDF : 604912.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

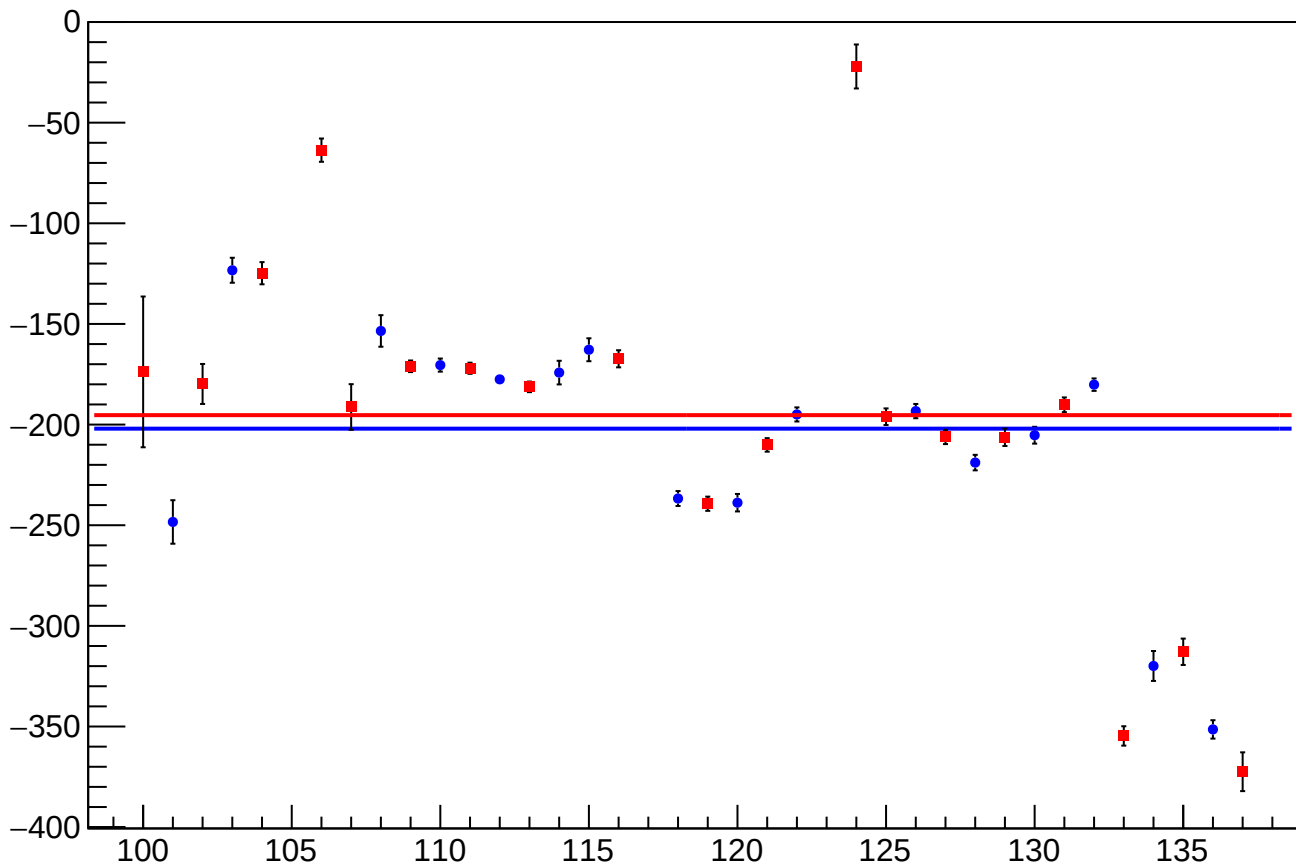
Right: 107.821+/-0.059 χ^2/NDF : 886599.9/34

In: 128.715+/-0.089 χ^2/NDF : 183522.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.821+/-0.059 χ^2/NDF : 886599.9/34

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -202.020 ± 1.024 χ^2/NDF : 2040.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -195.311 ± 0.974 χ^2/NDF : 3100.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

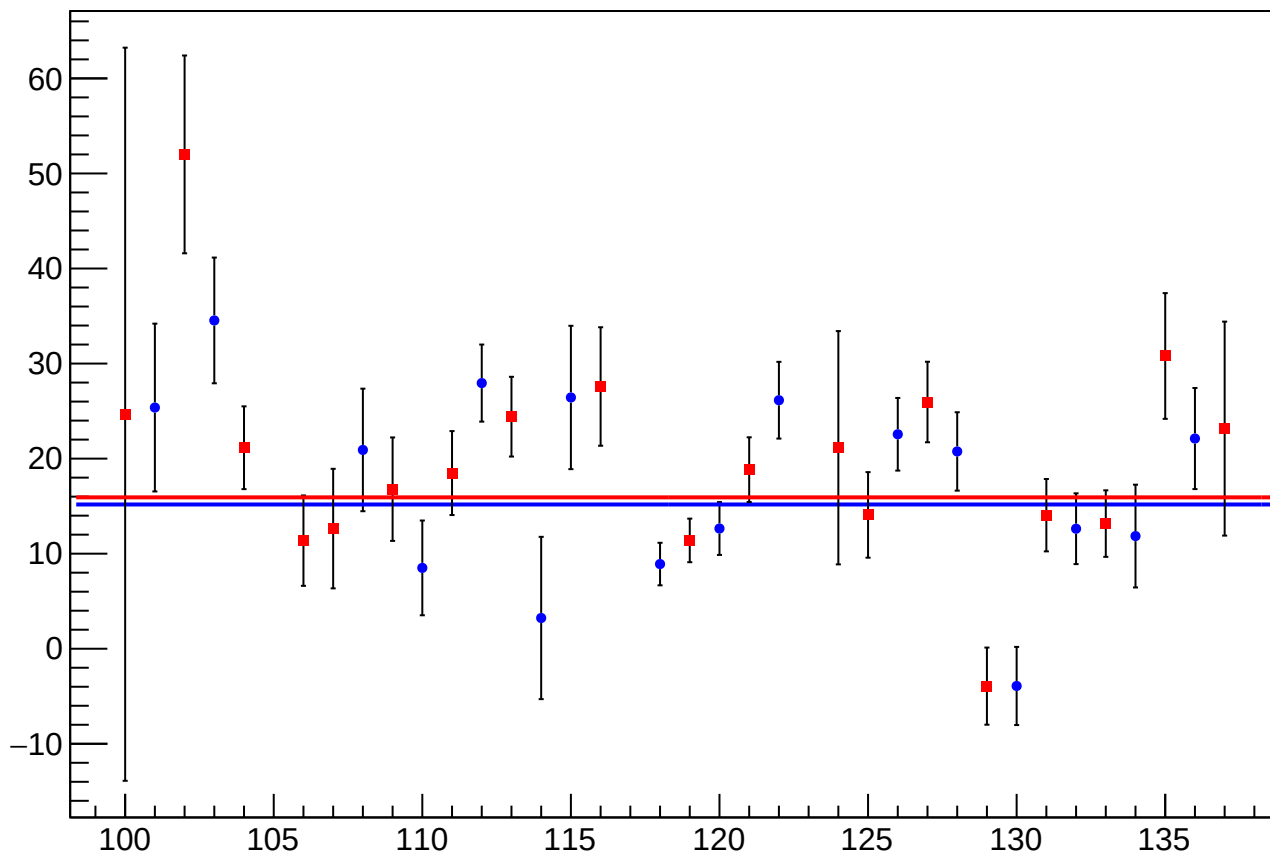
Right: -198.498 ± 0.706 χ^2/NDF : 5163.6/34

In: -202.020 ± 1.024 χ^2/NDF : 2040.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -198.498 ± 0.706 χ^2/NDF : 5163.6/34

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.175 $\pm$ 1.048 χ^2 /NDF: 72.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.925 $\pm$ 1.037 χ^2 /NDF: 63.5/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

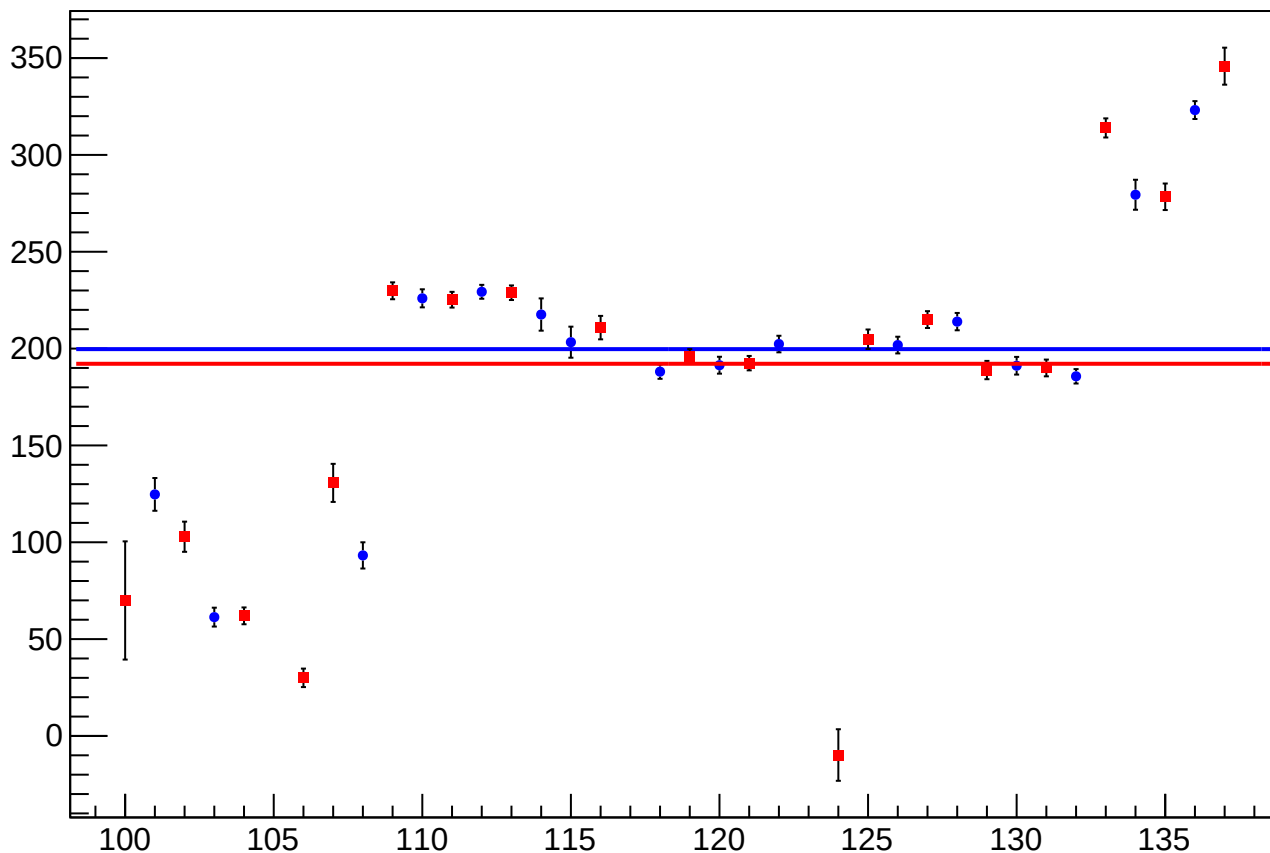
Right: 15.554 $\pm$ 0.737 χ^2 /NDF: 136.1/34

In: 15.175 $\pm$ 1.048 χ^2 /NDF: 72.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.554 $\pm$ 0.737 χ^2 /NDF: 136.1/34

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 199.722 $\pm$ 1.196 χ^2 /NDF: 2101.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 192.156 $\pm$ 1.150 χ^2 /NDF: 3777.1/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

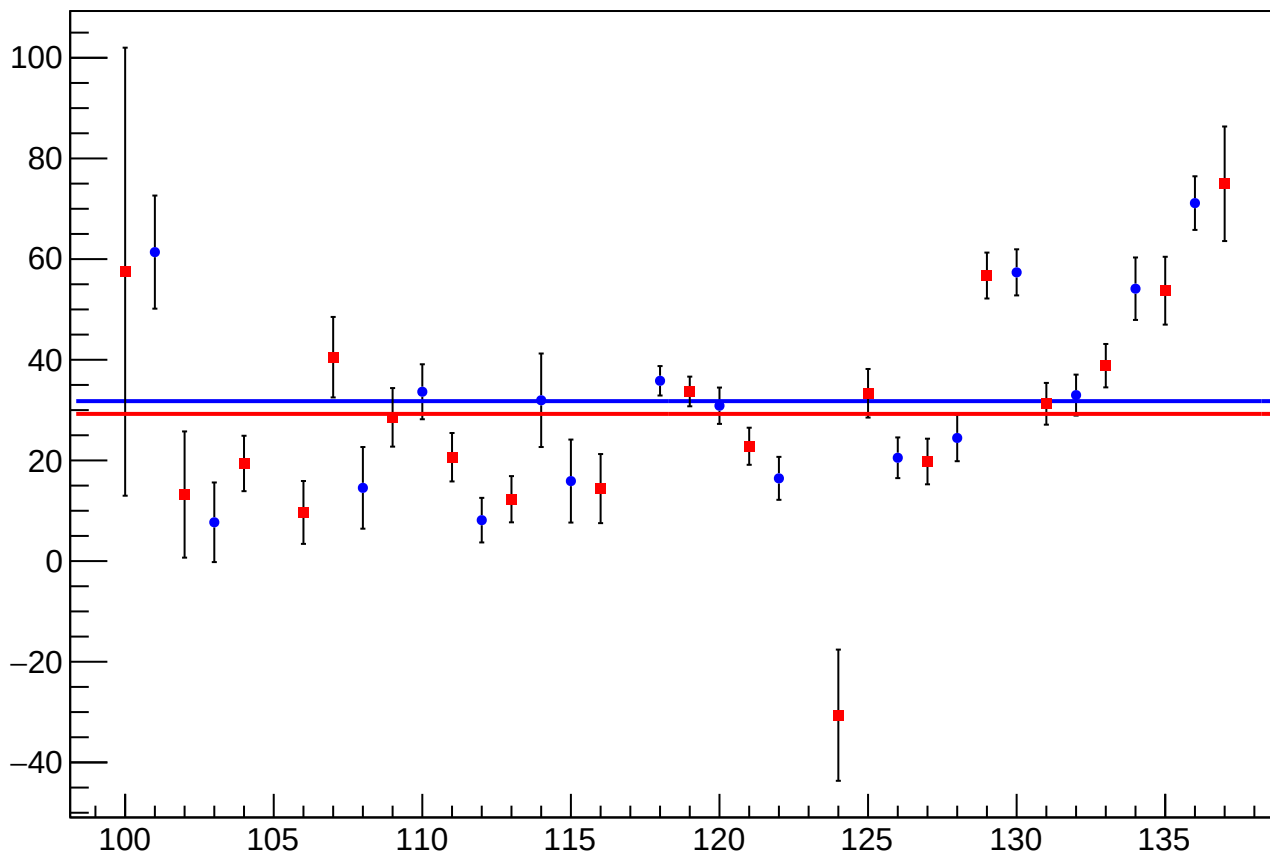
Right: 195.793 $\pm$ 0.829 χ^2 /NDF: 5899.5/34

In: 199.722 $\pm$ 1.196 χ^2 /NDF:2101.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 195.793 $\pm$ 0.829 χ^2 /NDF: 5899.5/34

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 31.782+/-1.217 χ^2/NDF : 177.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.245+/-1.197 χ^2/NDF : 140.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

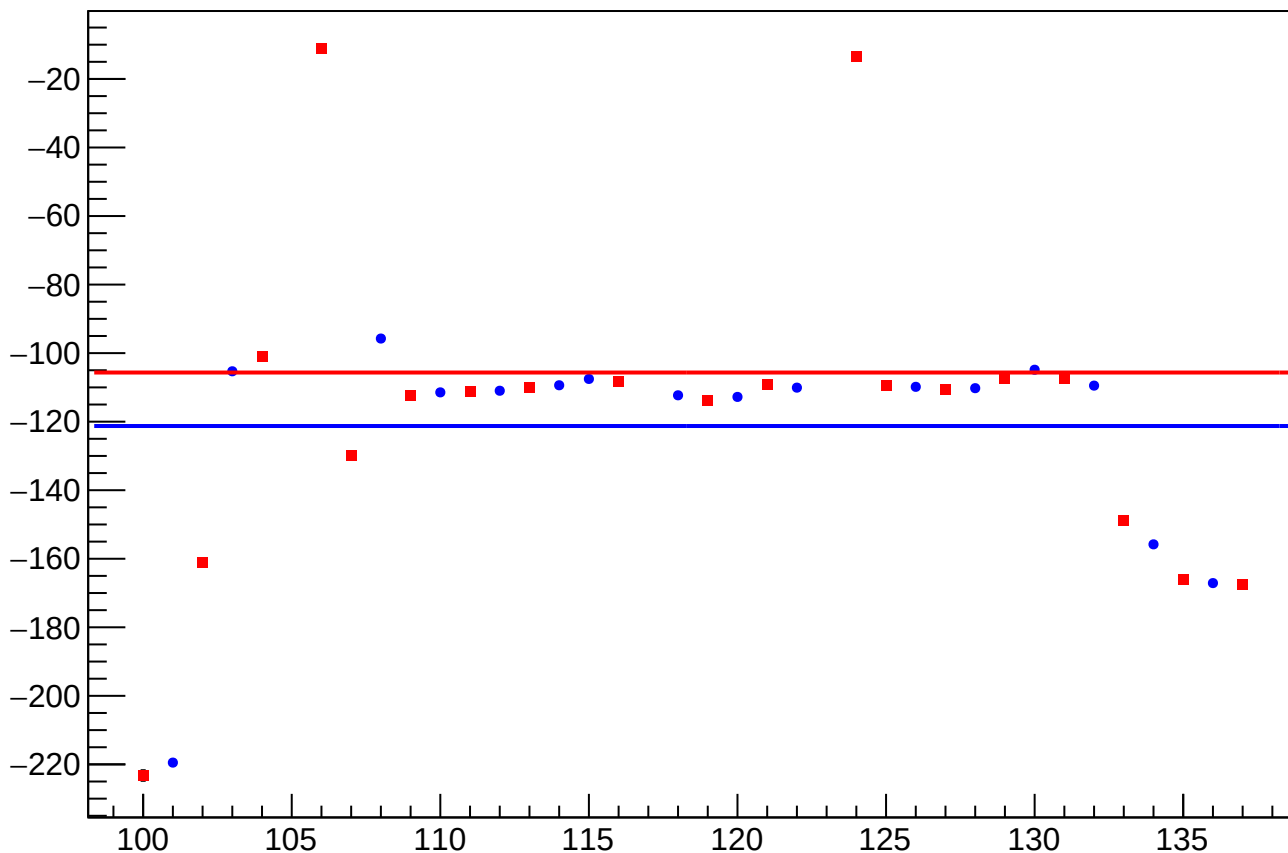
Right: 30.492+/-0.853 χ^2/NDF : 320.1/34

In: 31.782+/-1.217 χ^2/NDF : 177.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.492+/-0.853 χ^2/NDF : 320.1/34

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -121.268+/-0.079 χ^2/NDF : 119398.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -105.660+/-0.075 χ^2/NDF : 355093.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

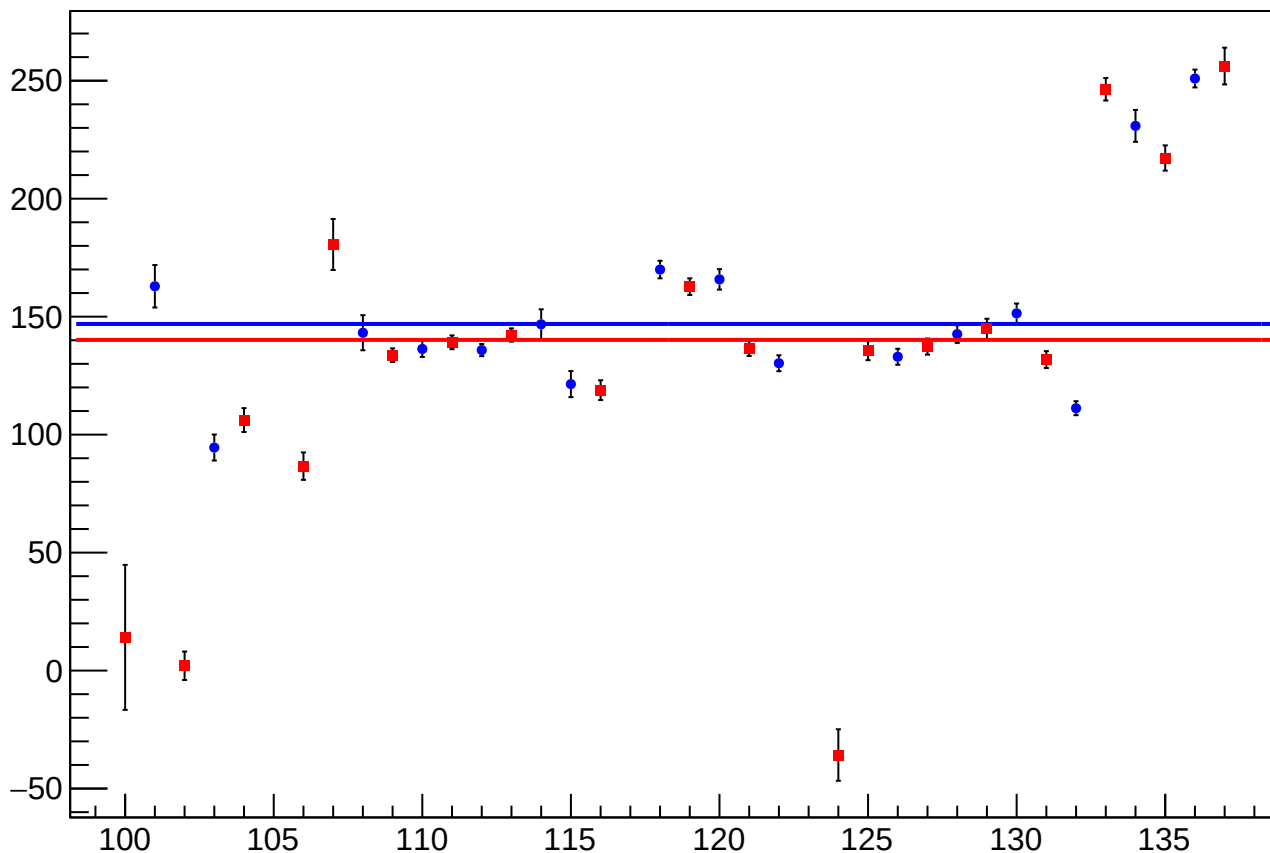
Right: -113.006+/-0.054 χ^2/NDF : 495037.6/34

In: -121.268+/-0.079 χ^2/NDF : 119398.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.006+/-0.054 χ^2/NDF : 495037.6/34

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 146.905 $\pm$ 1.003 χ^2 /NDF: 1302.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 140.153 $\pm$ 0.960 χ^2 /NDF: 1950.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

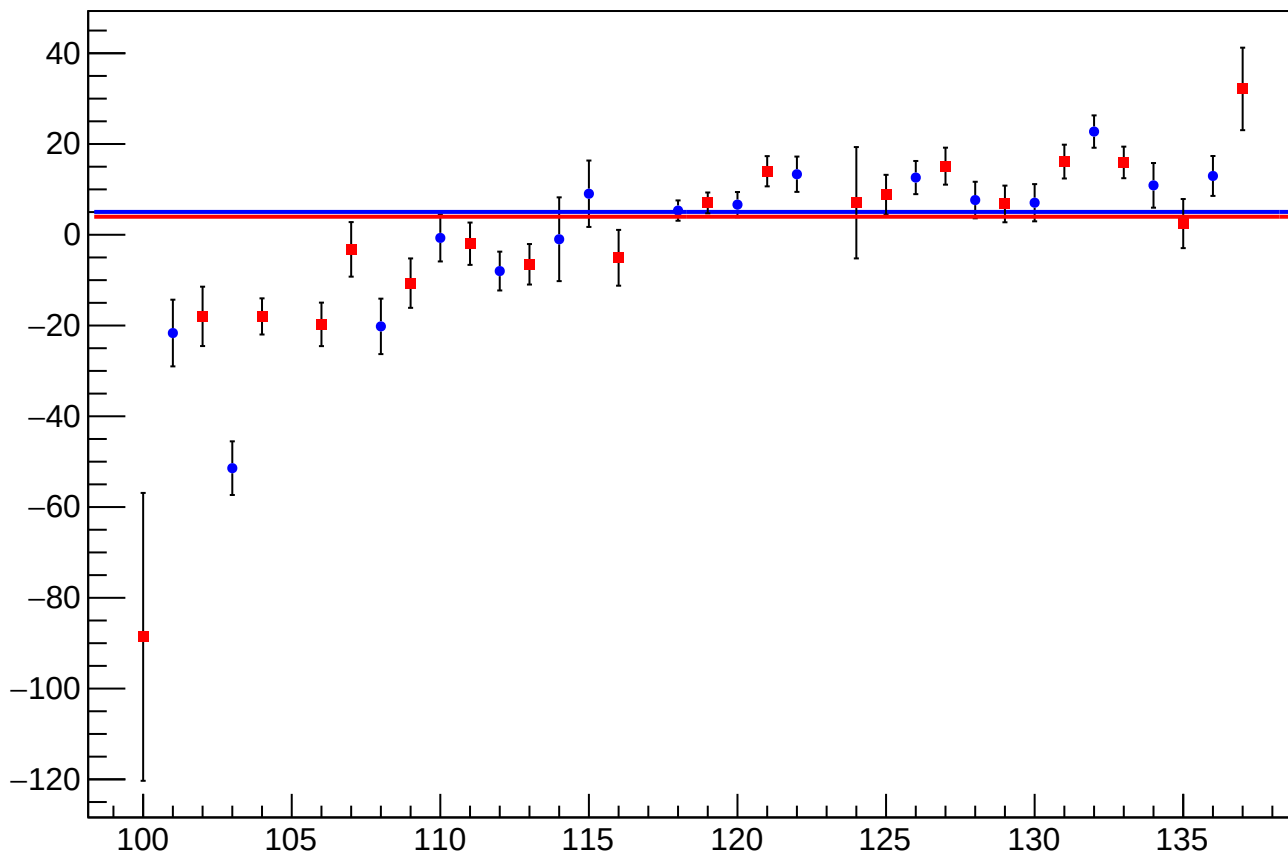
Right: 143.381 $\pm$ 0.694 χ^2 /NDF: 3276.2/34

In: 146.905 $\pm$ 1.003 χ^2 /NDF:1302.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 143.381 $\pm$ 0.694 χ^2 /NDF: 3276.2/34

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.037+/-1.021 χ^2/NDF : 171.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.974+/-1.012 χ^2/NDF : 144.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

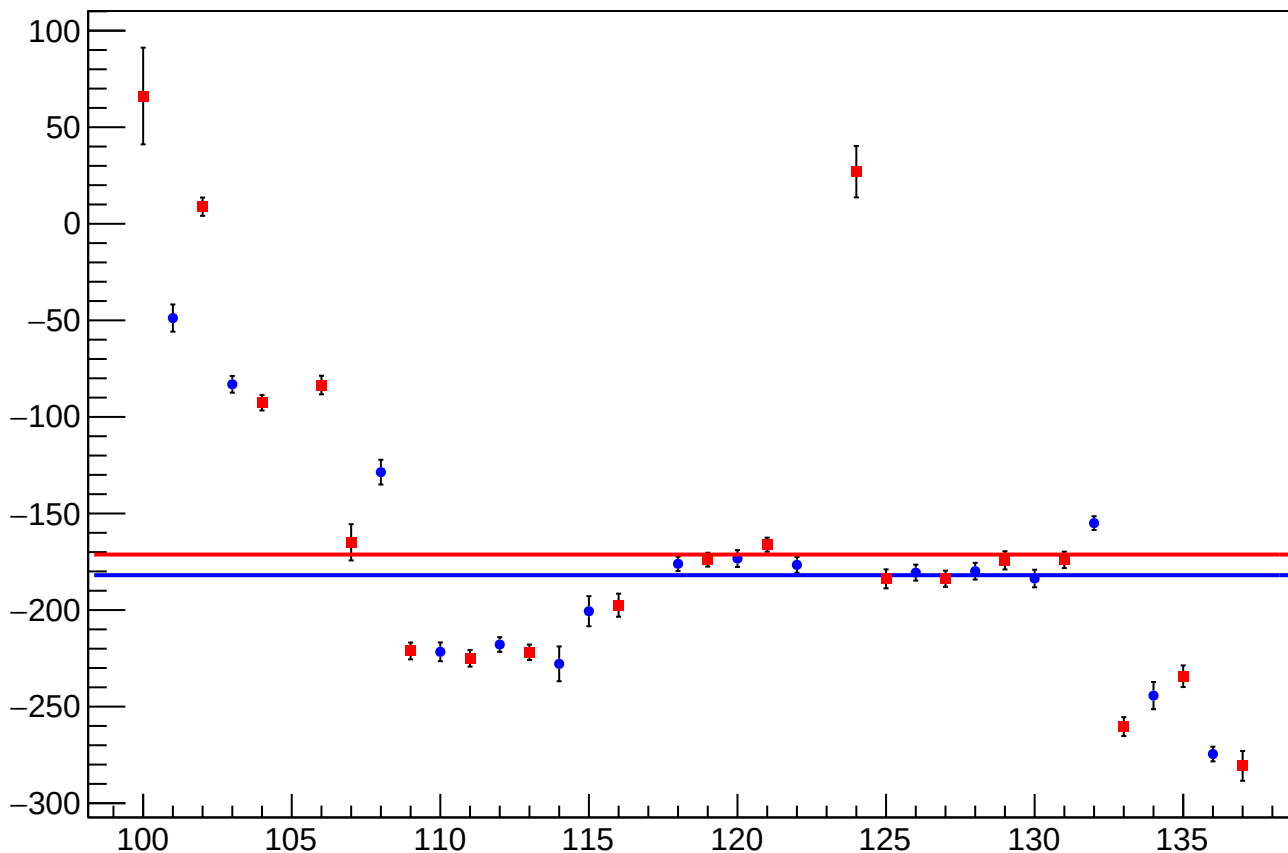
Right: 4.501+/-0.719 χ^2/NDF : 317.3/34

In: 5.037+/-1.021 χ^2/NDF : 171.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.501+/-0.719 χ^2/NDF : 317.3/34

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -181.947 ± 1.154 χ^2/NDF : 1870.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -171.262 ± 1.111 χ^2/NDF : 3628.2/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

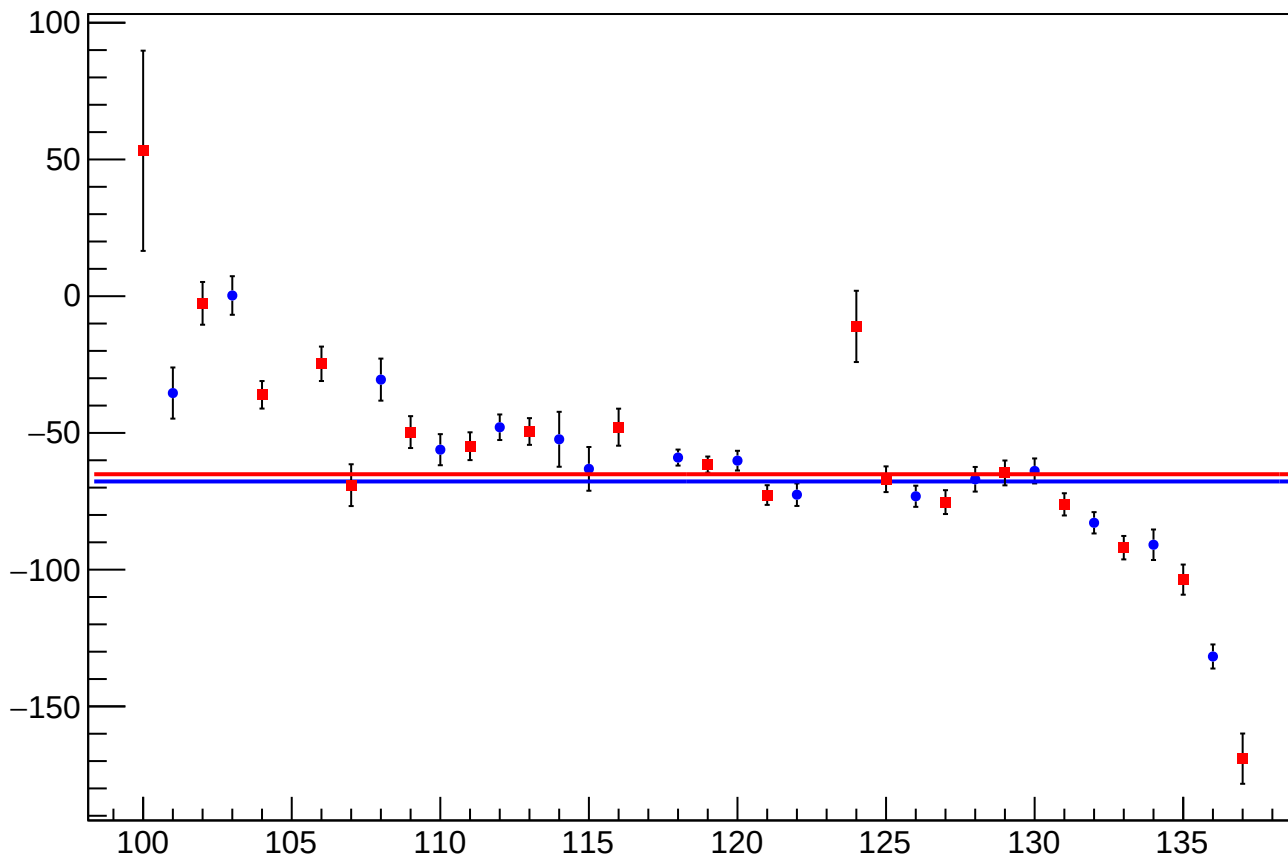
Right: -176.402 ± 0.800 χ^2/NDF : 5543.1/34

In: -181.947 ± 1.154 χ^2/NDF : 1870.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -176.402 ± 0.800 χ^2/NDF : 5543.1/34

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.745+/-1.181 χ^2/NDF : 414.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -65.105+/-1.167 χ^2/NDF : 429.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

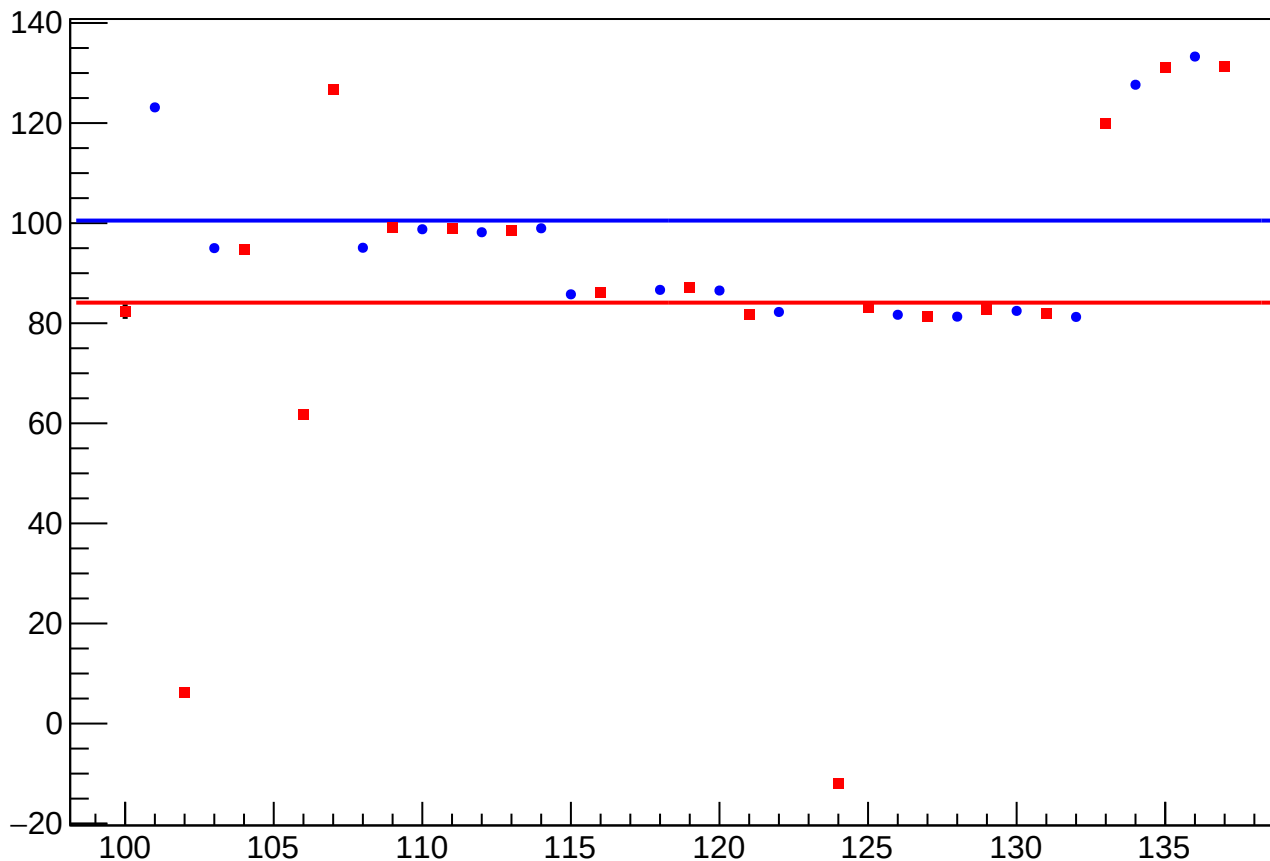
Right: -66.409+/-0.830 χ^2/NDF : 845.6/34

In: -67.745+/-1.181 χ^2/NDF :414.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -66.409+/-0.830 χ^2/NDF : 845.6/34

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 100.517 $\pm$ 0.074 χ^2 /NDF: 67464.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.116 $\pm$ 0.069 χ^2 /NDF: 263788.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

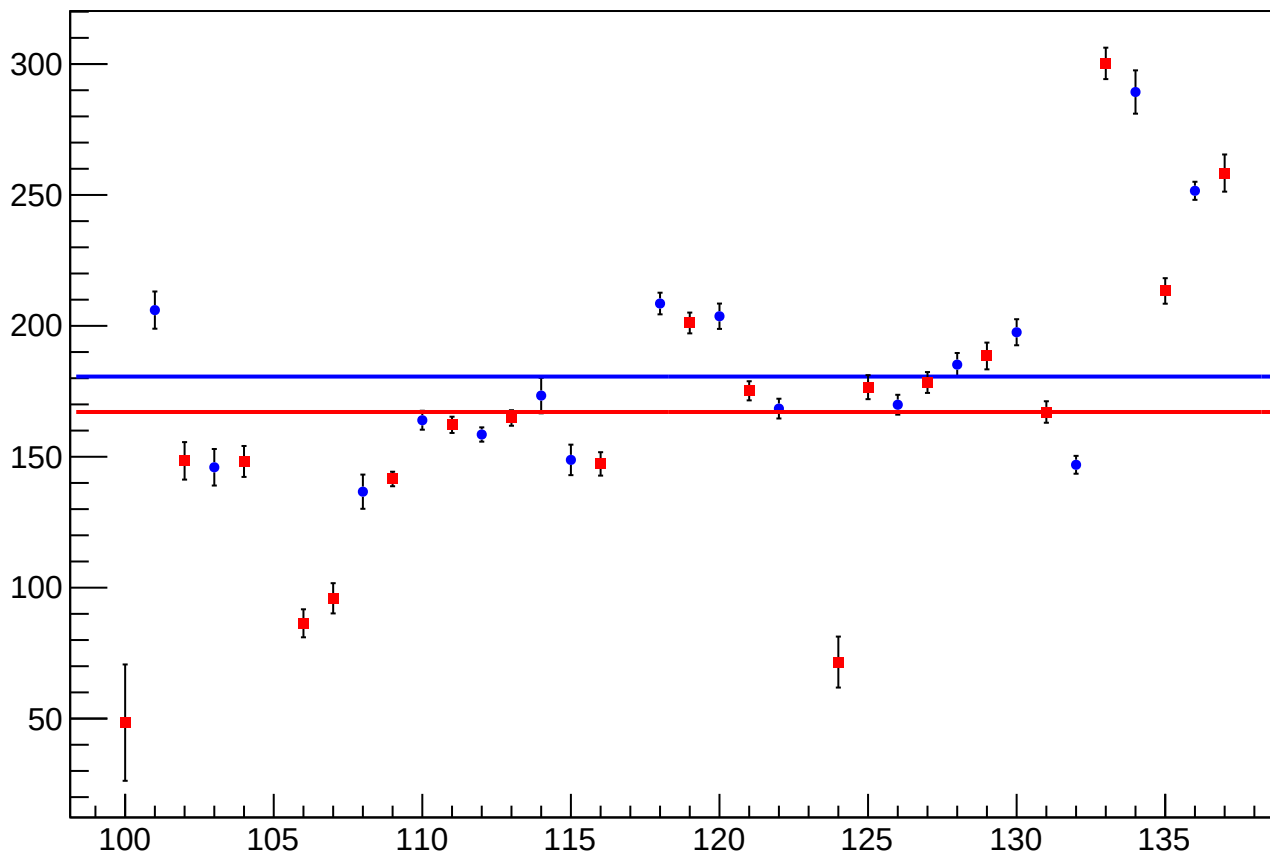
Right: 91.772 $\pm$ 0.051 χ^2 /NDF: 357470.2/34

In: 100.517 $\pm$ 0.074 χ^2 /NDF:67464.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 91.772 $\pm$ 0.051 χ^2 /NDF: 357470.2/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.102+/-1.021 χ^2/NDF : 1484.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

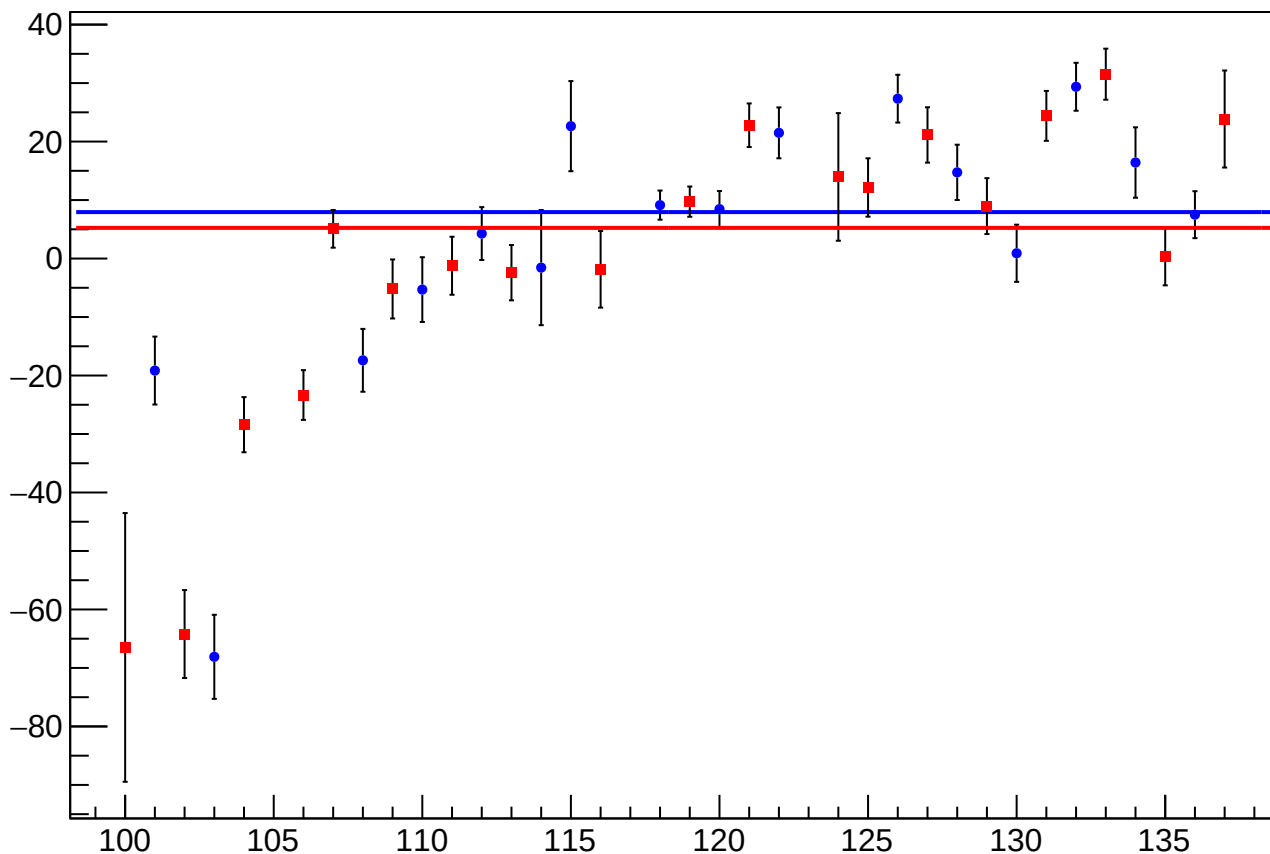
Right: 173.427+/-0.745 χ^2/NDF : 2560.1/34

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.427+/-0.745 χ^2/NDF : 2560.1/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.942 $\pm$ 1.113 χ^2 /NDF: 232.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.244 $\pm$ 1.062 χ^2 /NDF: 302.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

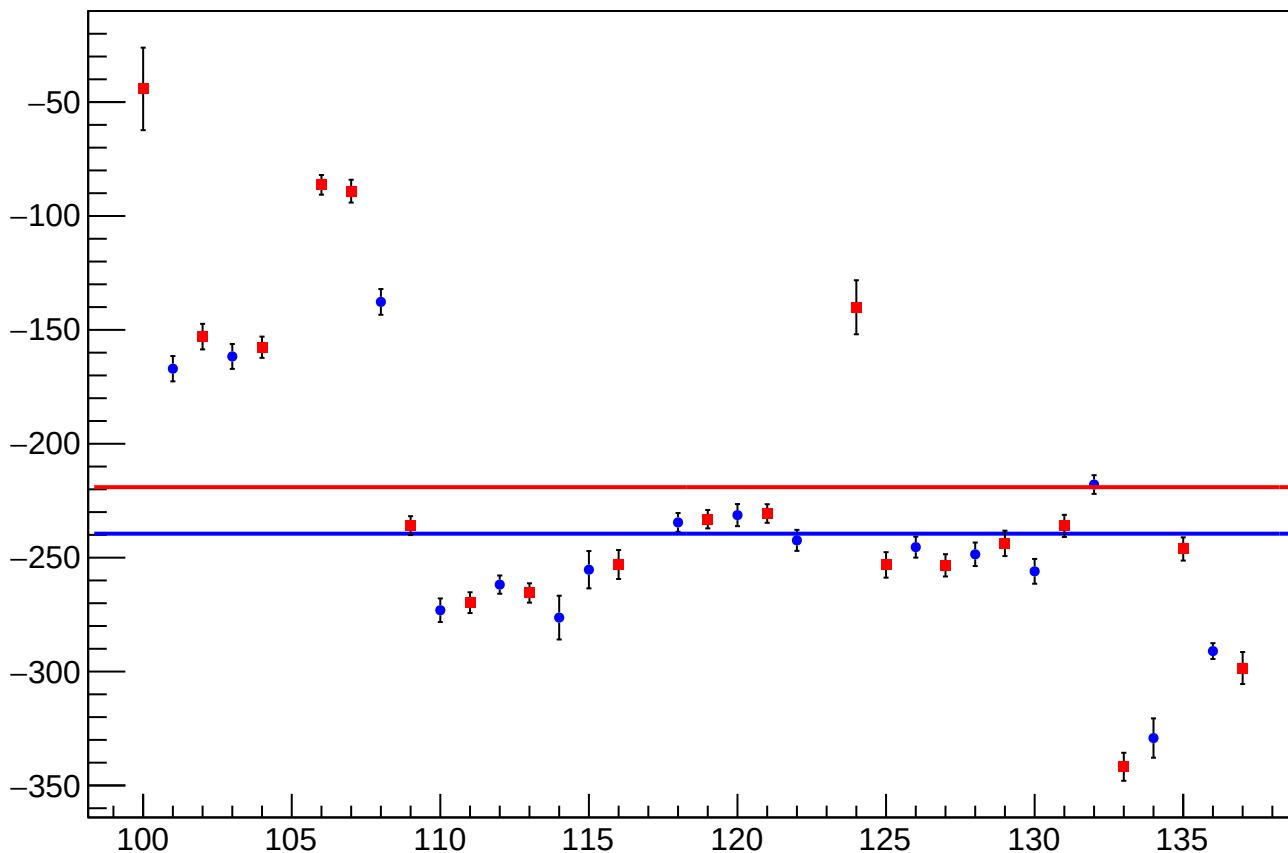
Right: 6.530 $\pm$ 0.768 χ^2 /NDF: 538.9/34

In: 7.942 $\pm$ 1.113 χ^2 /NDF:232.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.530 $\pm$ 0.768 χ^2 /NDF: 538.9/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -239.468 ± 1.245 χ^2/NDF : 1162.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -219.053 ± 1.176 χ^2/NDF : 3049.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

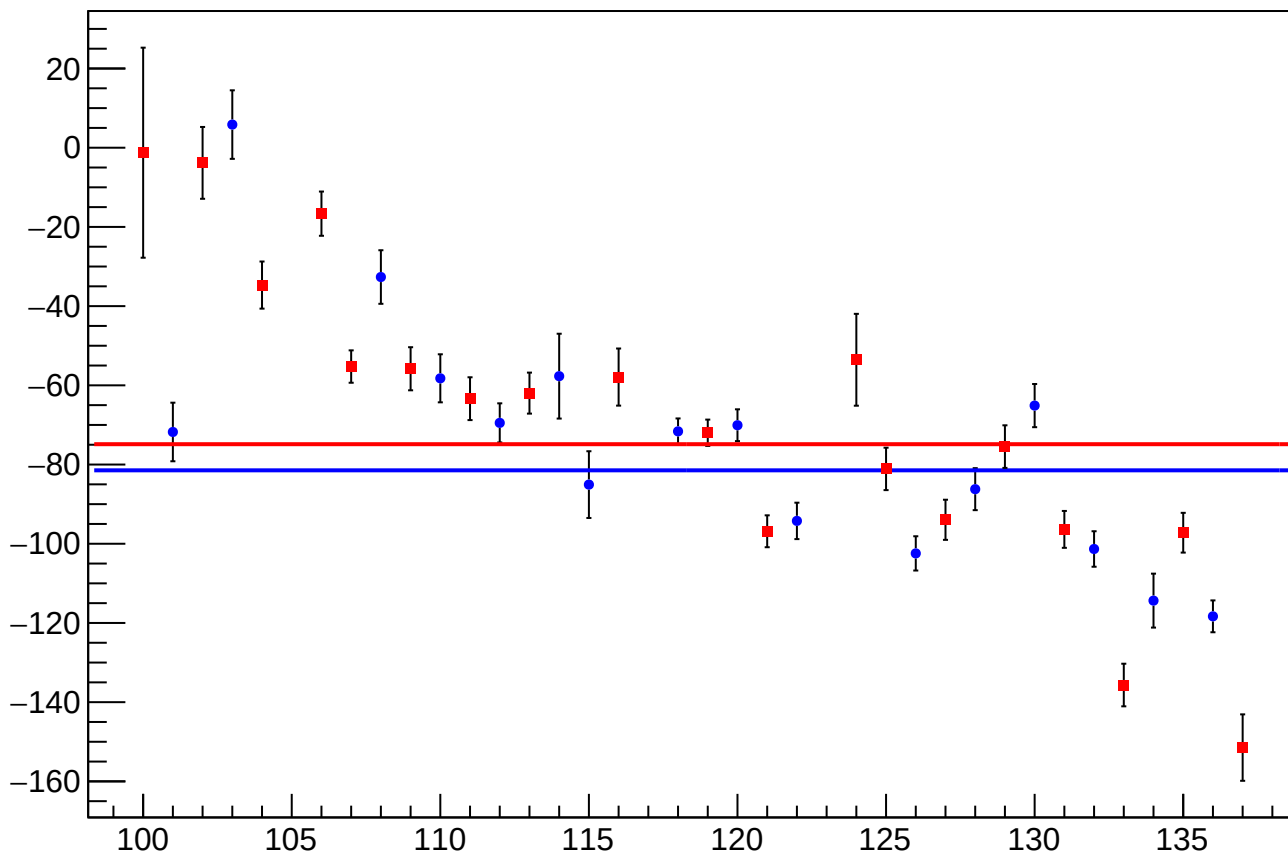
Right: -228.679 ± 0.855 χ^2/NDF : 4353.5/34

In: -239.468 ± 1.245 χ^2/NDF : 1162.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -228.679 ± 0.855 χ^2/NDF : 4353.5/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.462 ± 1.287 χ^2/NDF : 366.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -74.861 ± 1.230 χ^2/NDF : 576.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

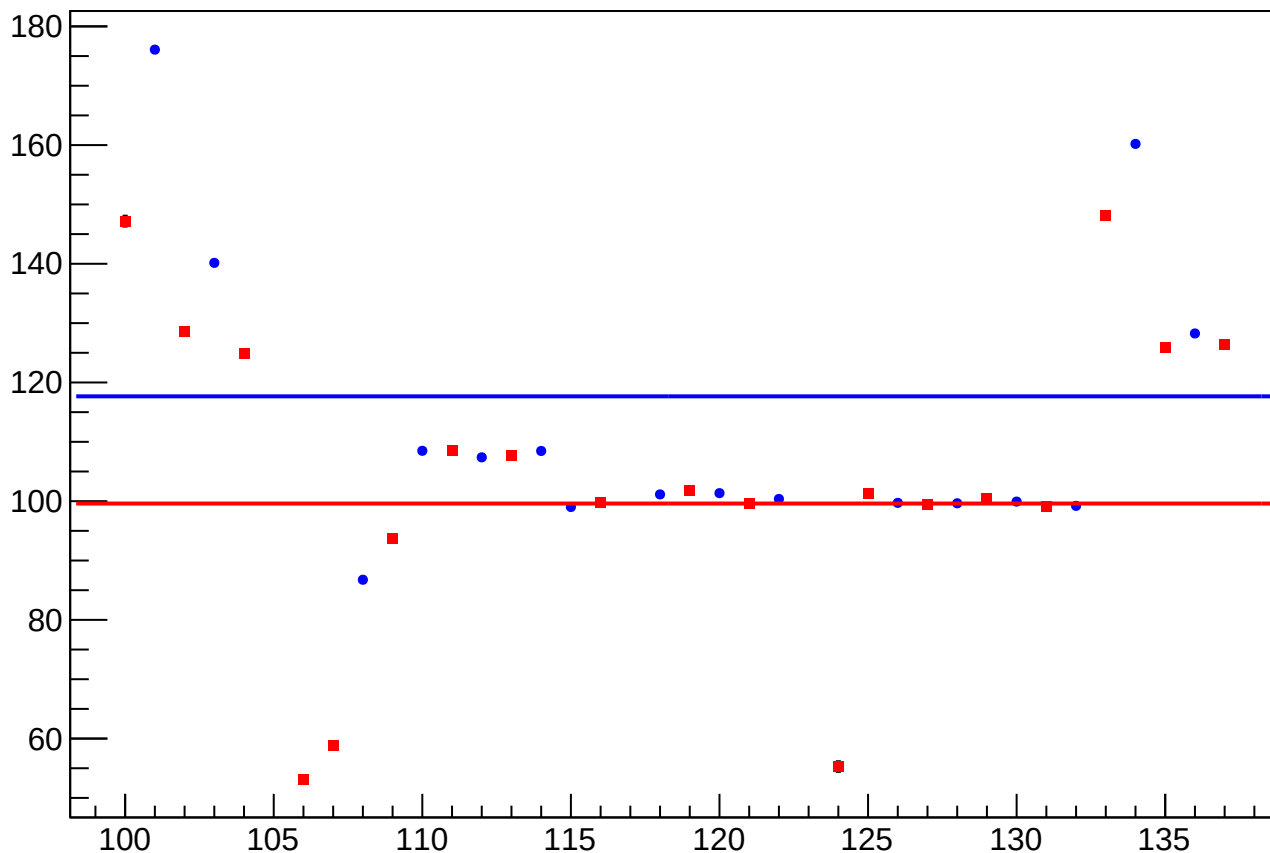
Right: -78.013 ± 0.889 χ^2/NDF : 956.9/34

In: -81.462 ± 1.287 χ^2/NDF : 366.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.013 ± 0.889 χ^2/NDF : 956.9/34

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.604+/-0.070 χ^2/NDF : 166236.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

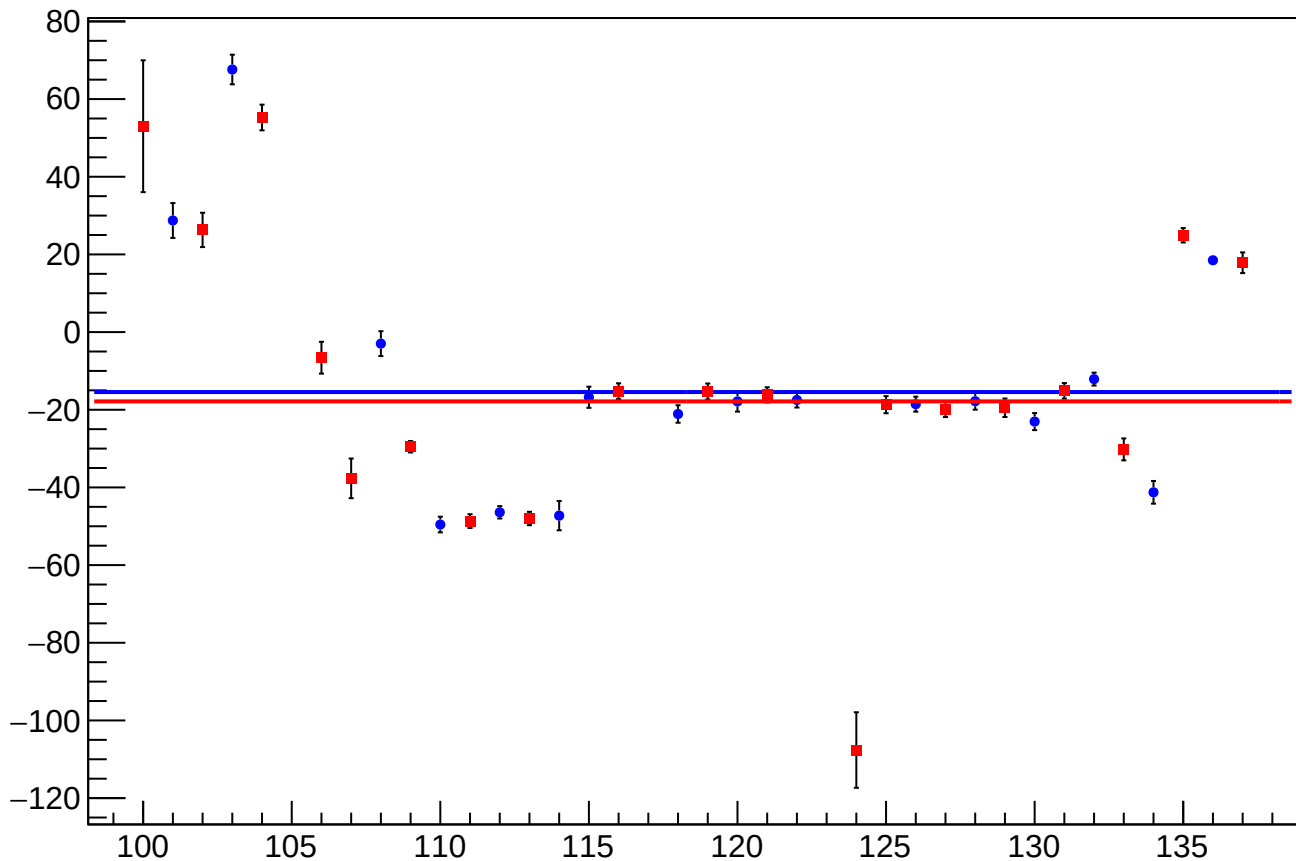
Right: 107.671+/-0.052 χ^2/NDF : 291112.6/34

In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.671+/-0.052 χ^2/NDF : 291112.6/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.438 $\pm$ 0.539 χ^2 /NDF: 2124.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.848 $\pm$ 0.530 χ^2 /NDF: 2125.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

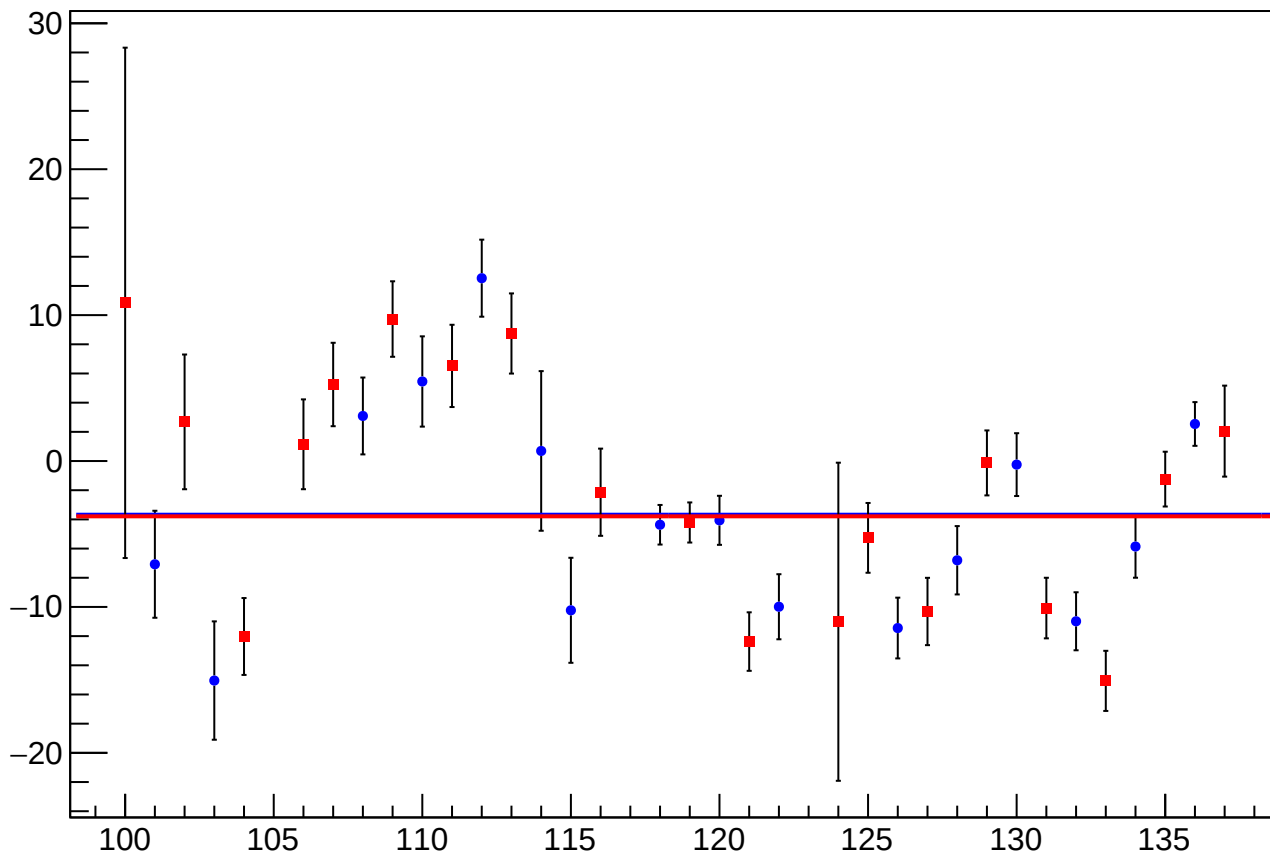
Right: -16.664 $\pm$ 0.378 χ^2 /NDF: 4259.6/34

In: -15.438 $\pm$ 0.539 χ^2 /NDF:2124.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.664 $\pm$ 0.378 χ^2 /NDF: 4259.6/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.790+/-0.564 χ^2/NDF : 161.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

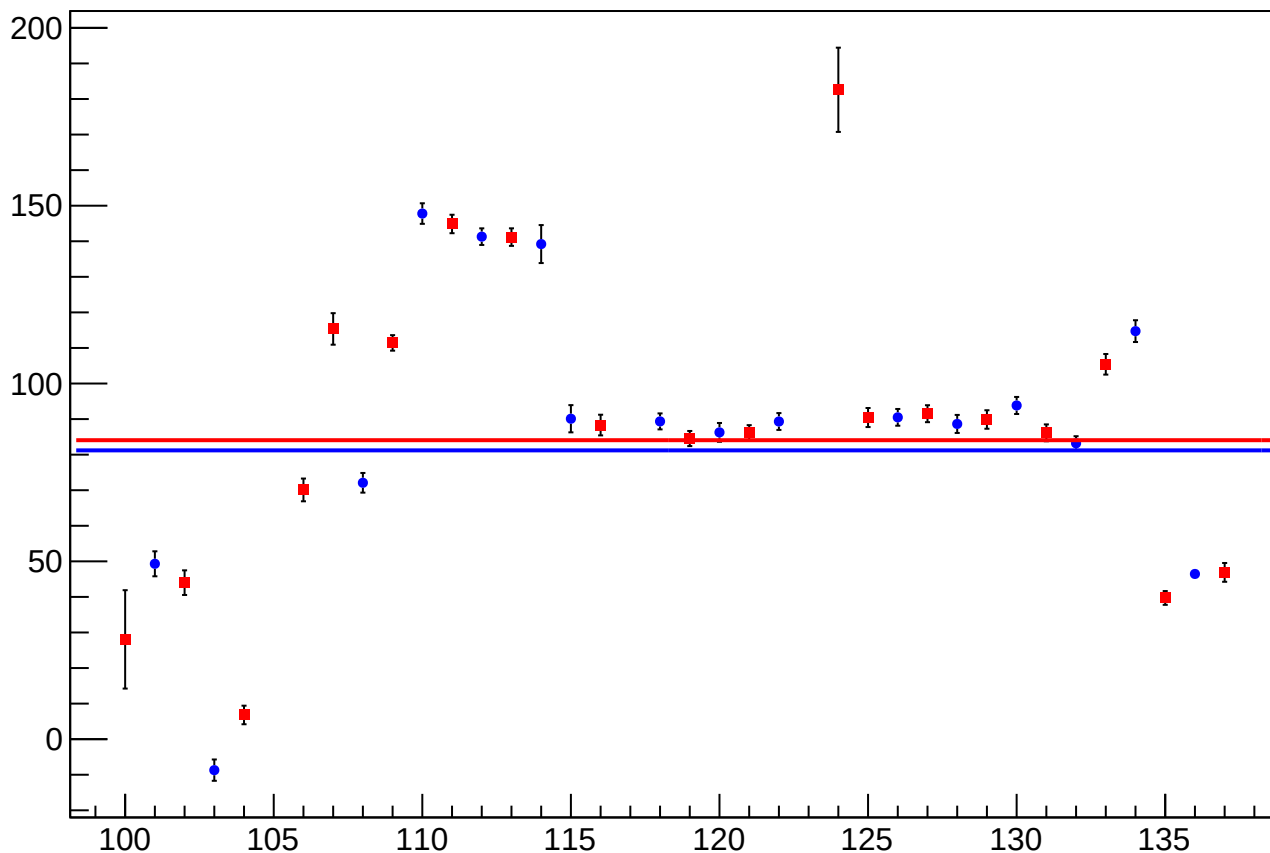
Right: -3.734+/-0.394 χ^2/NDF : 285.2/34

In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.734+/-0.394 χ^2/NDF : 285.2/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.203+/-0.607 χ^2 /NDF: 3230.5/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 84.065+/-0.616 χ^2 /NDF: 3206.5/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

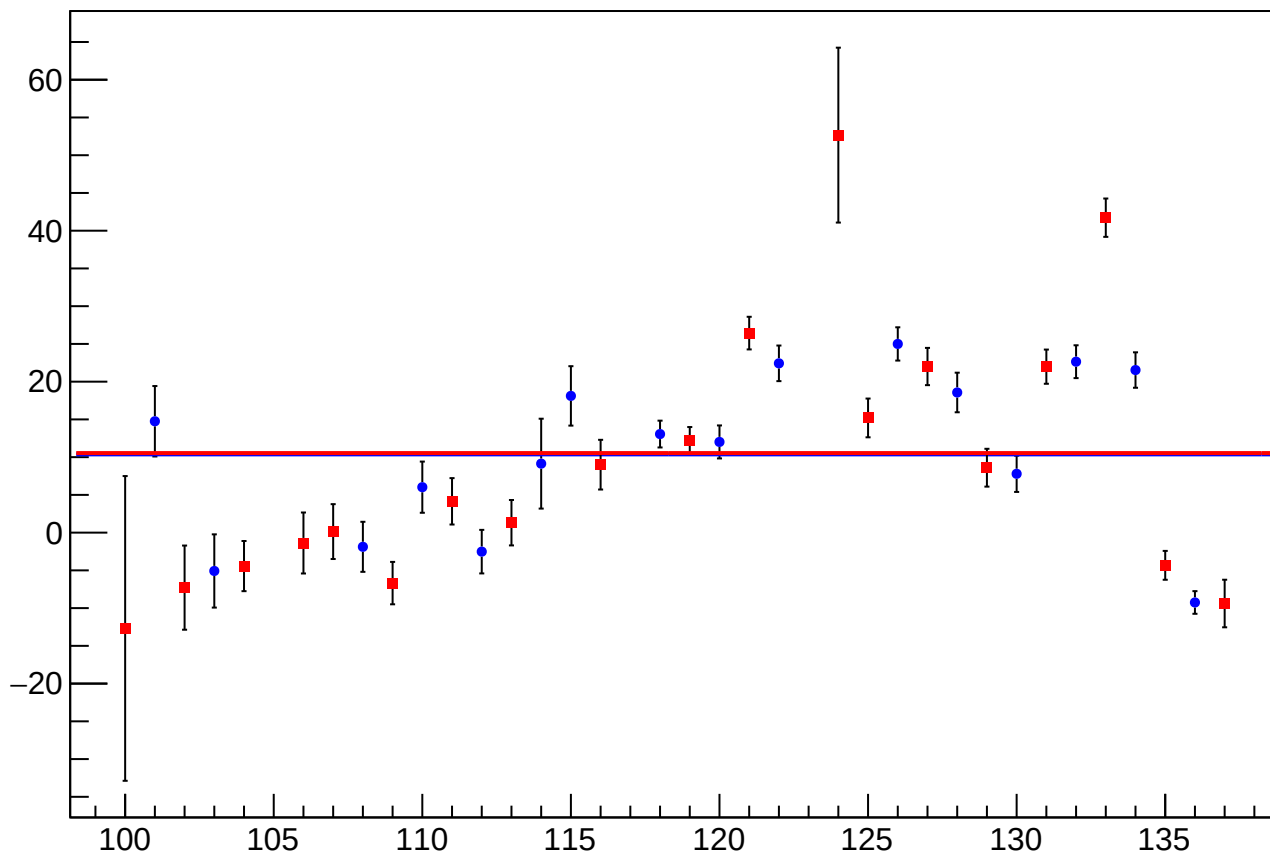
Right: 82.612+/-0.432 χ^2 /NDF: 6447.9/34

In: 81.203+/-0.607 χ^2 /NDF:3230.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 82.612+/-0.432 χ^2 /NDF: 6447.9/34

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.367+/-0.627 χ^2/NDF : 359.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.539+/-0.640 χ^2/NDF : 470.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

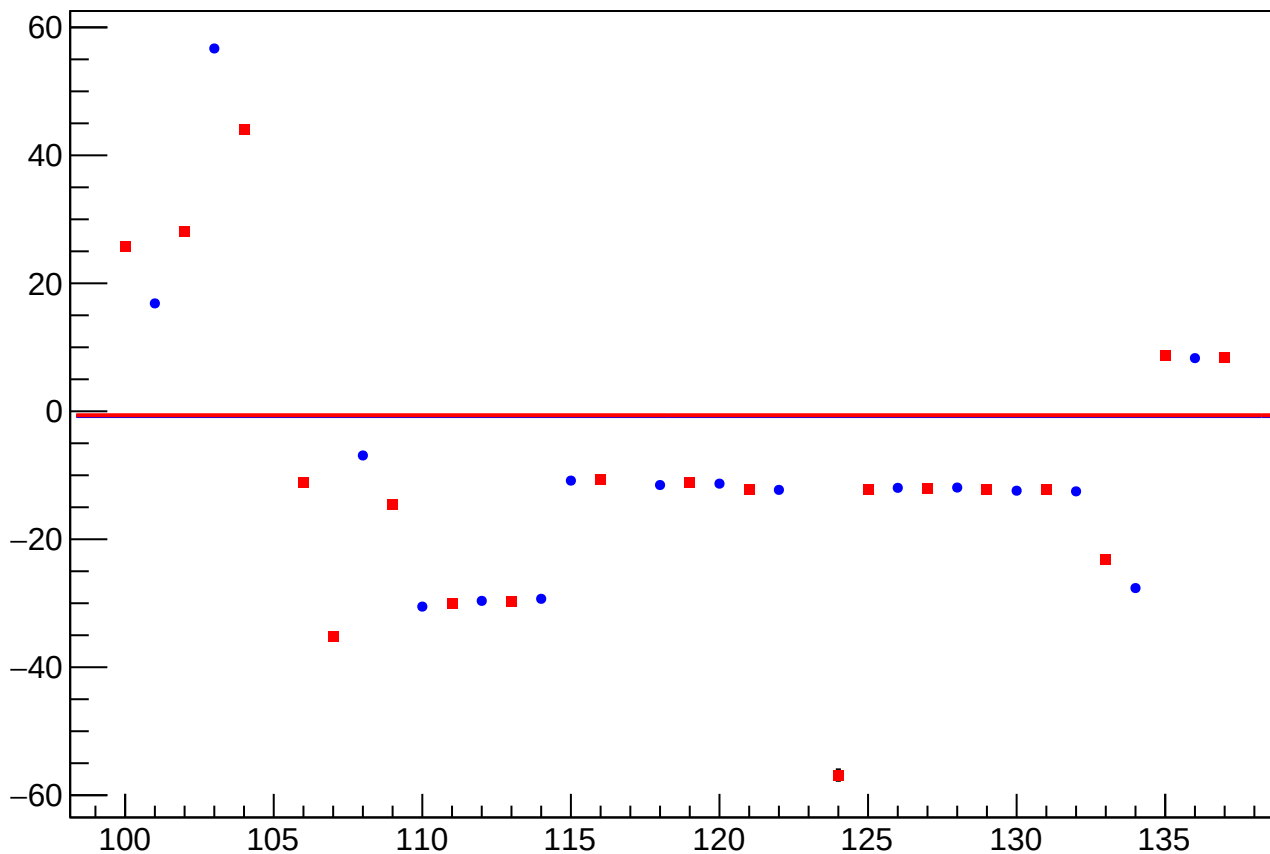
Right: 10.451+/-0.448 χ^2/NDF : 830.5/34

In: 10.367+/-0.627 χ^2/NDF : 359.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.451+/-0.448 χ^2/NDF : 830.5/34

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.745+/-0.036 χ^2/NDF : 367993.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.618+/-0.037 χ^2/NDF : 316492.6/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

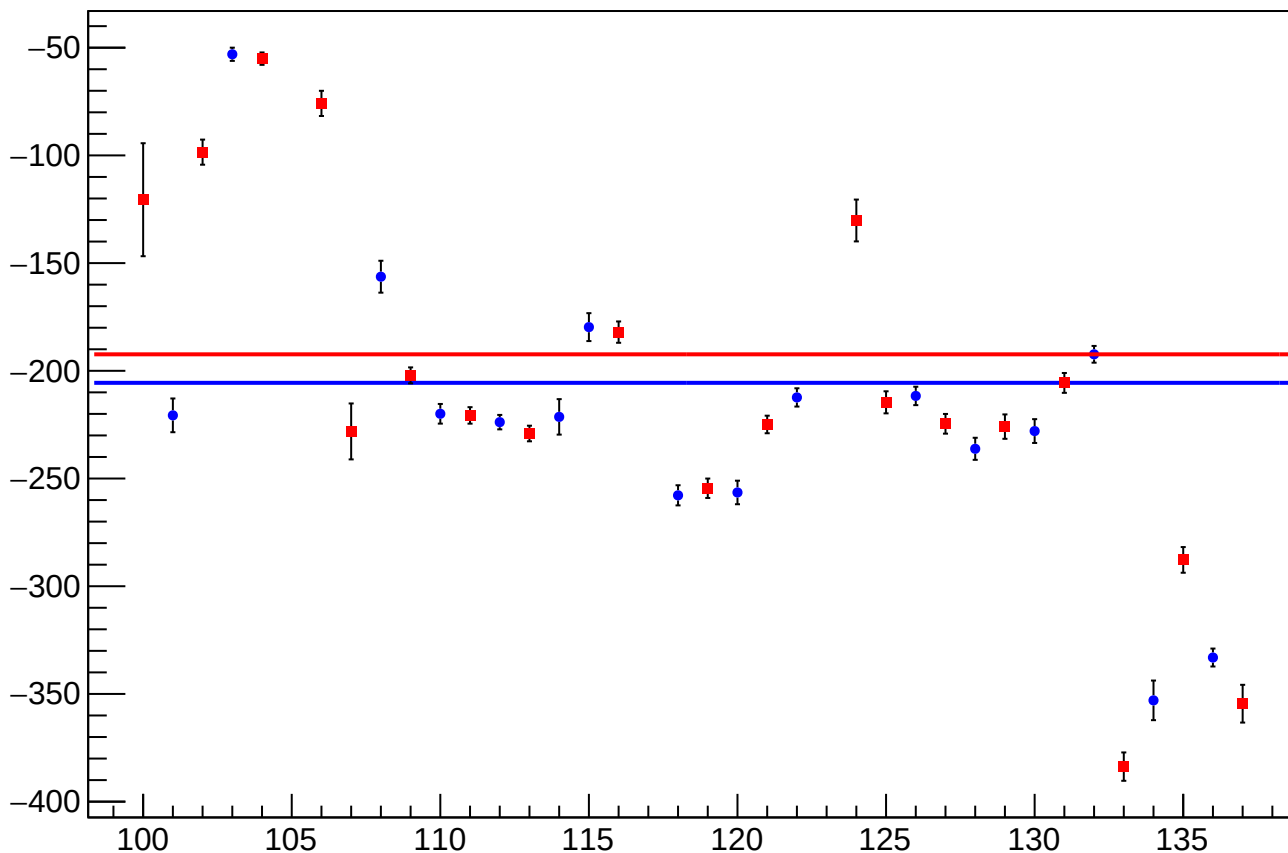
Right: -0.684+/-0.026 χ^2/NDF : 684492.5/34

In: -0.745+/-0.036 χ^2/NDF :367993.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.684+/-0.026 χ^2/NDF : 684492.5/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -205.577+/-1.185 χ^2/NDF : 4056.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -192.345+/-1.123 χ^2/NDF : 4969.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

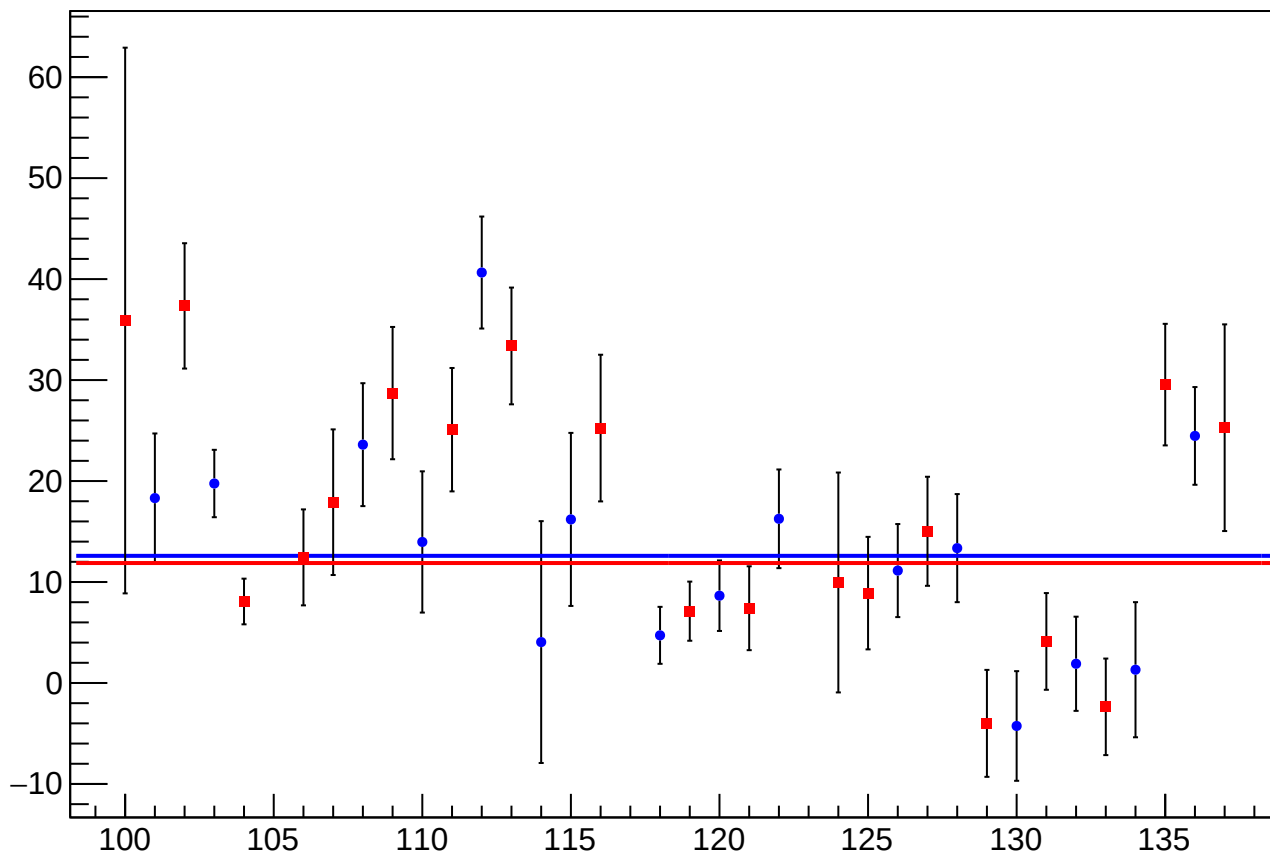
Right: -198.605+/-0.815 χ^2/NDF : 9091.6/34

In: -205.577+/-1.185 χ^2/NDF : 4056.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -198.605+/-0.815 χ^2/NDF : 9091.6/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.592 $\pm$ 1.203 χ^2 /NDF: 68.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.880 $\pm$ 1.122 χ^2 /NDF: 84.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

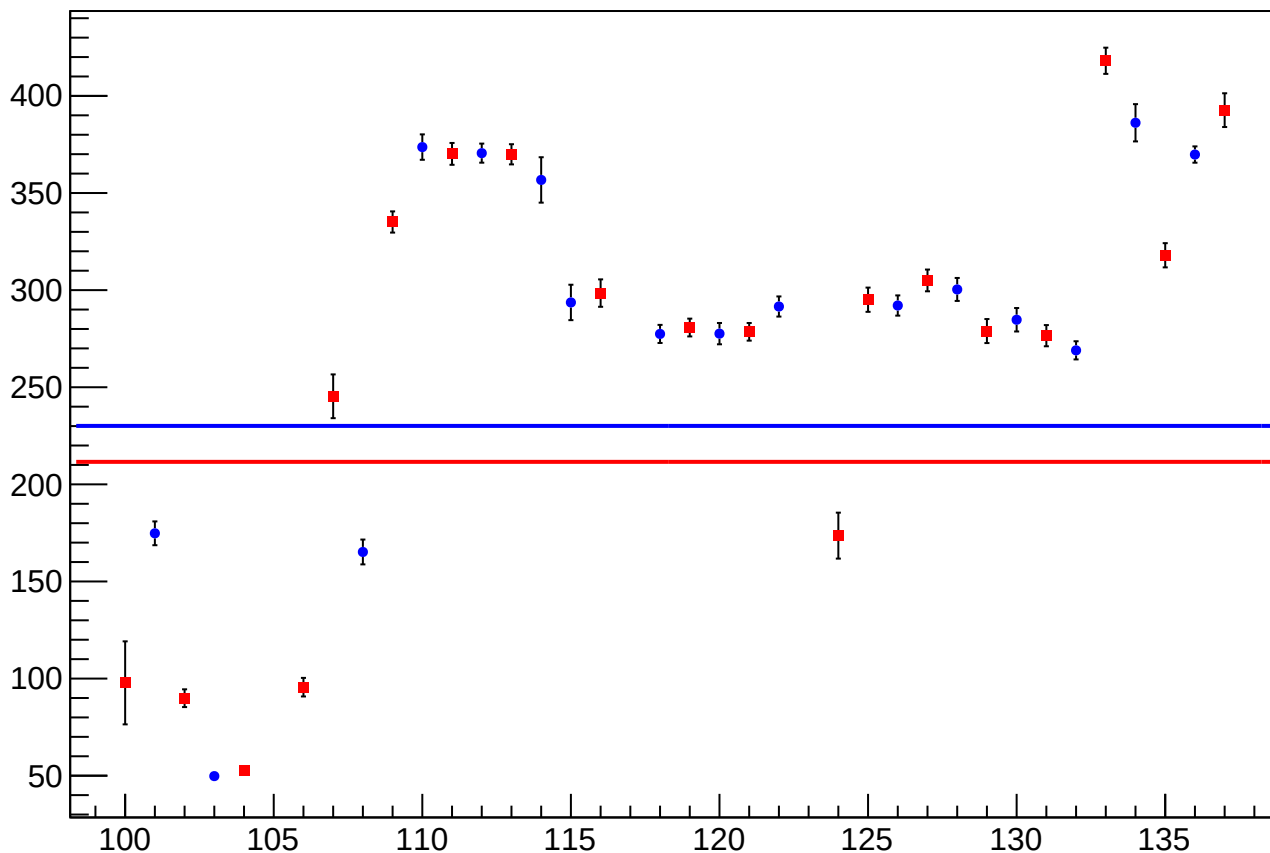
Right: 12.211 $\pm$ 0.820 χ^2 /NDF: 153.6/34

In: 12.592 $\pm$ 1.203 χ^2 /NDF:68.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 12.211 $\pm$ 0.820 χ^2 /NDF: 153.6/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 230.095+/-1.260 χ^2/NDF : 9375.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.588+/-1.195 χ^2/NDF : 11472.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

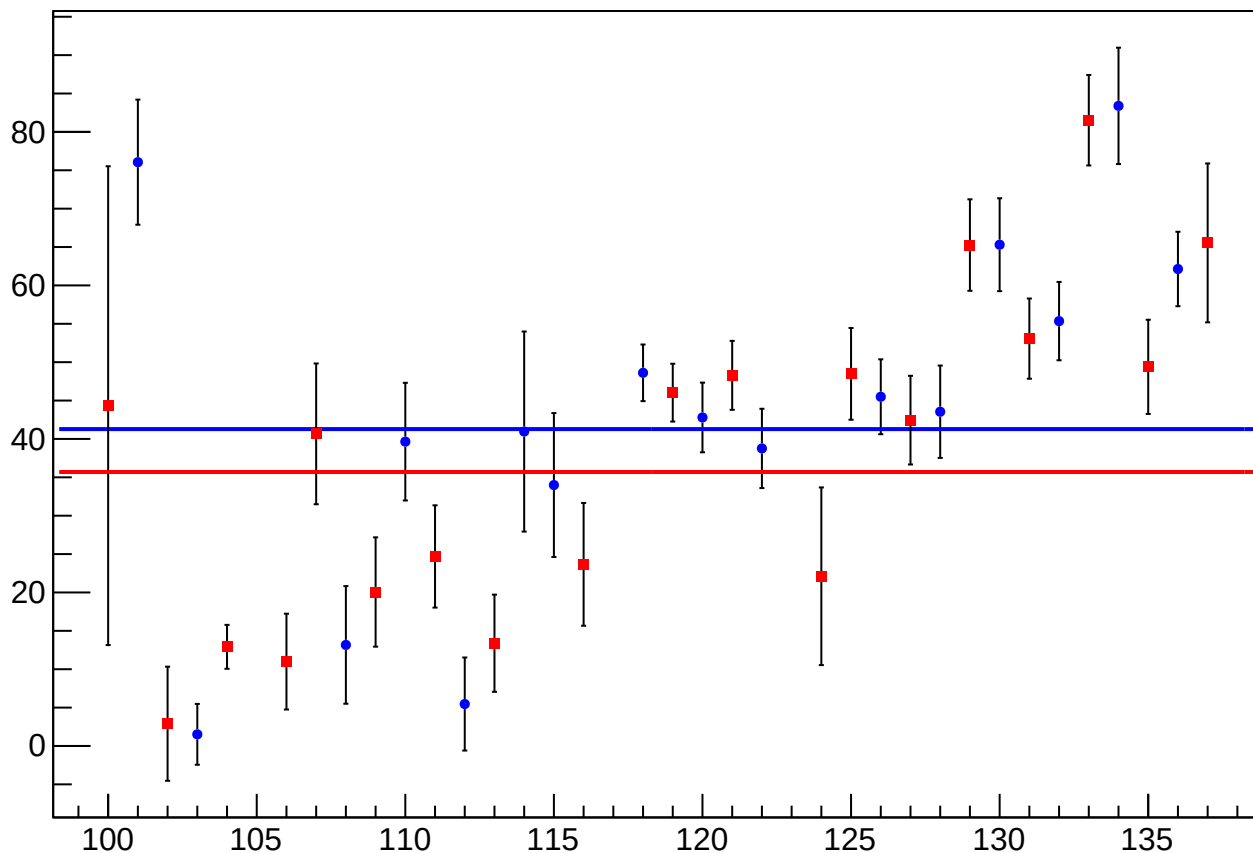
Right: 220.357+/-0.867 χ^2/NDF : 20961.4/34

In: 230.095+/-1.260 χ^2/NDF : 9375.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 220.357+/-0.867 χ^2/NDF : 20961.4/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 41.282+/-1.398 χ^2/NDF : 245.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.692+/-1.317 χ^2/NDF : 253.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

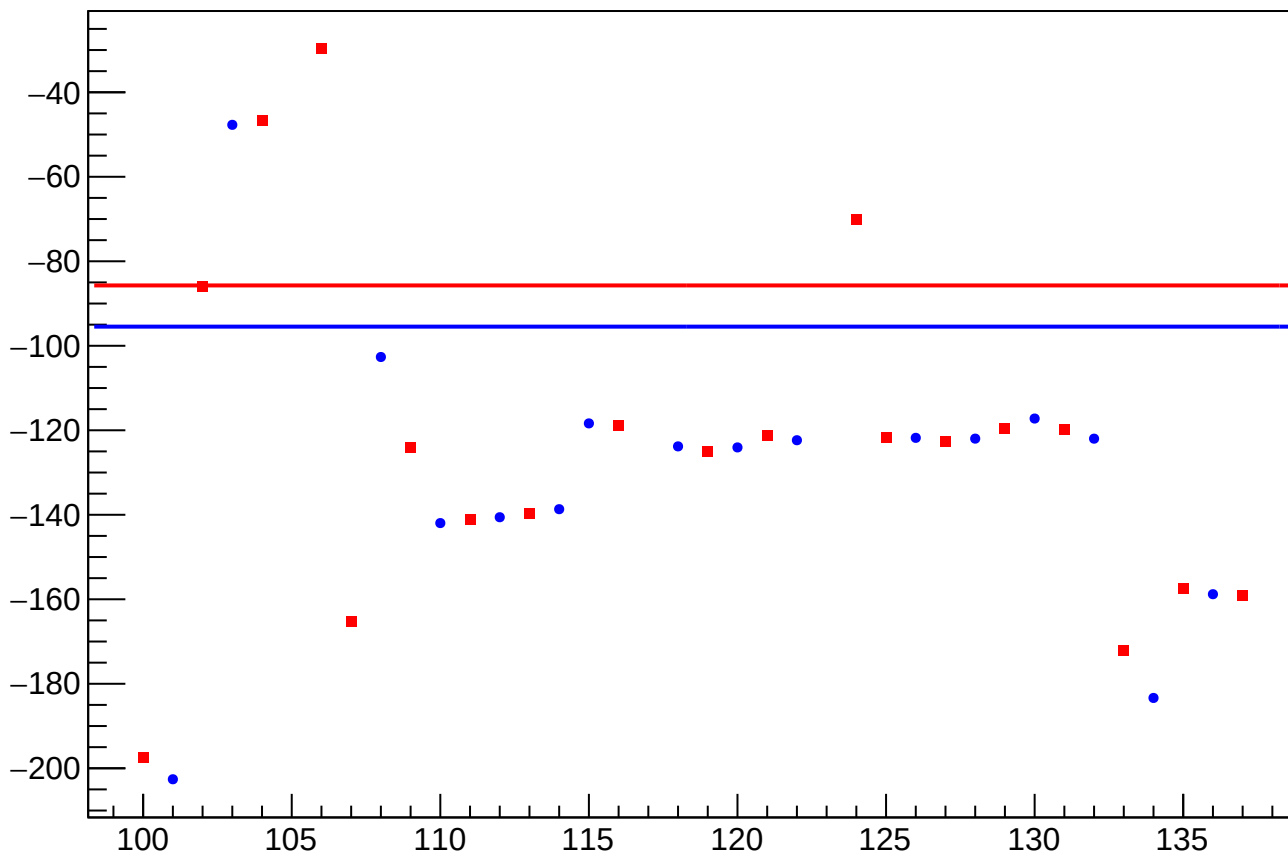
Right: 38.321+/-0.958 χ^2/NDF : 507.4/34

In: 41.282+/-1.398 χ^2/NDF : 245.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.321+/-0.958 χ^2/NDF : 507.4/34

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -95.468+/-0.069 χ^2/NDF : 519953.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -85.716+/-0.067 χ^2/NDF : 482604.9/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

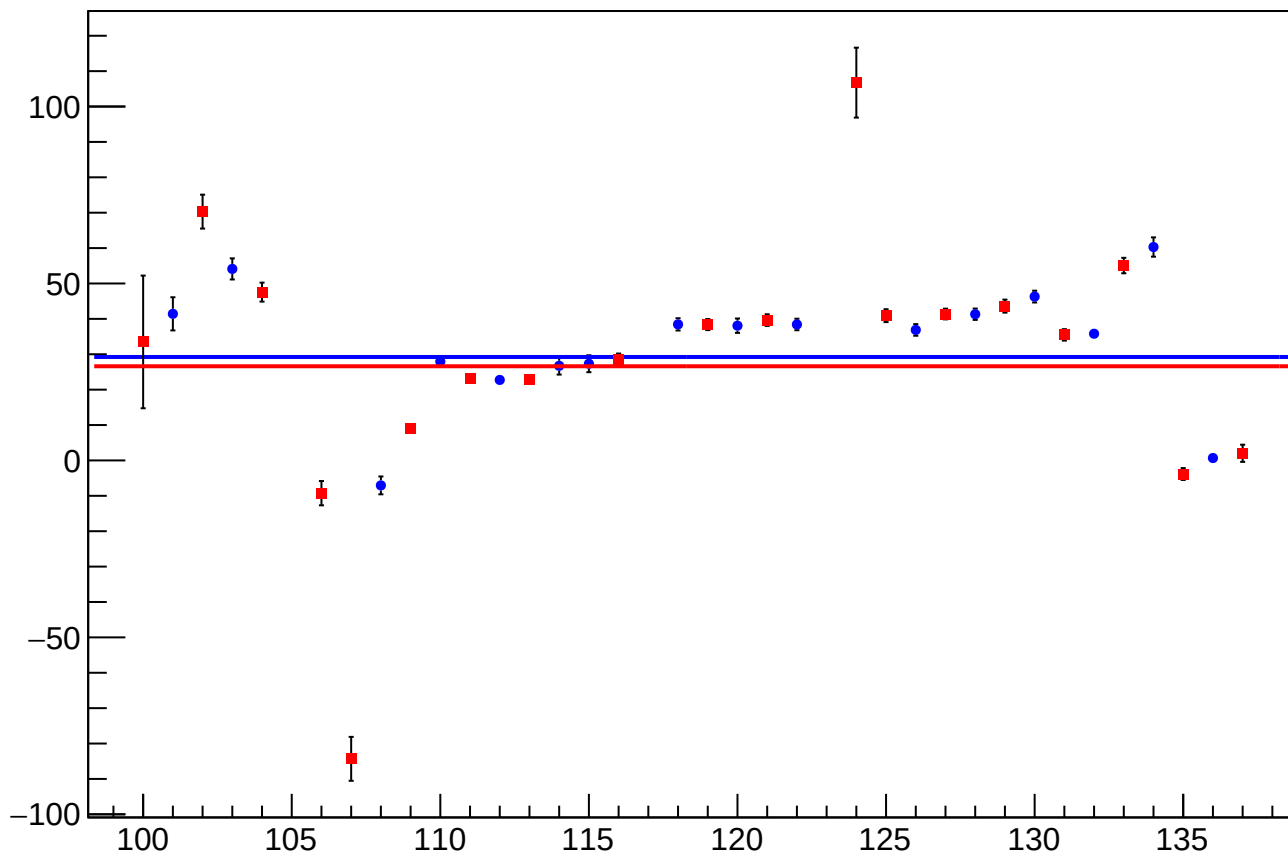
Right: -90.413+/-0.048 χ^2/NDF : 1012777.7/34

In: -95.468+/-0.069 χ^2/NDF :519953.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -90.413+/-0.048 χ^2/NDF : 1012777.7/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.609+/-0.414 χ^2/NDF : 1920.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

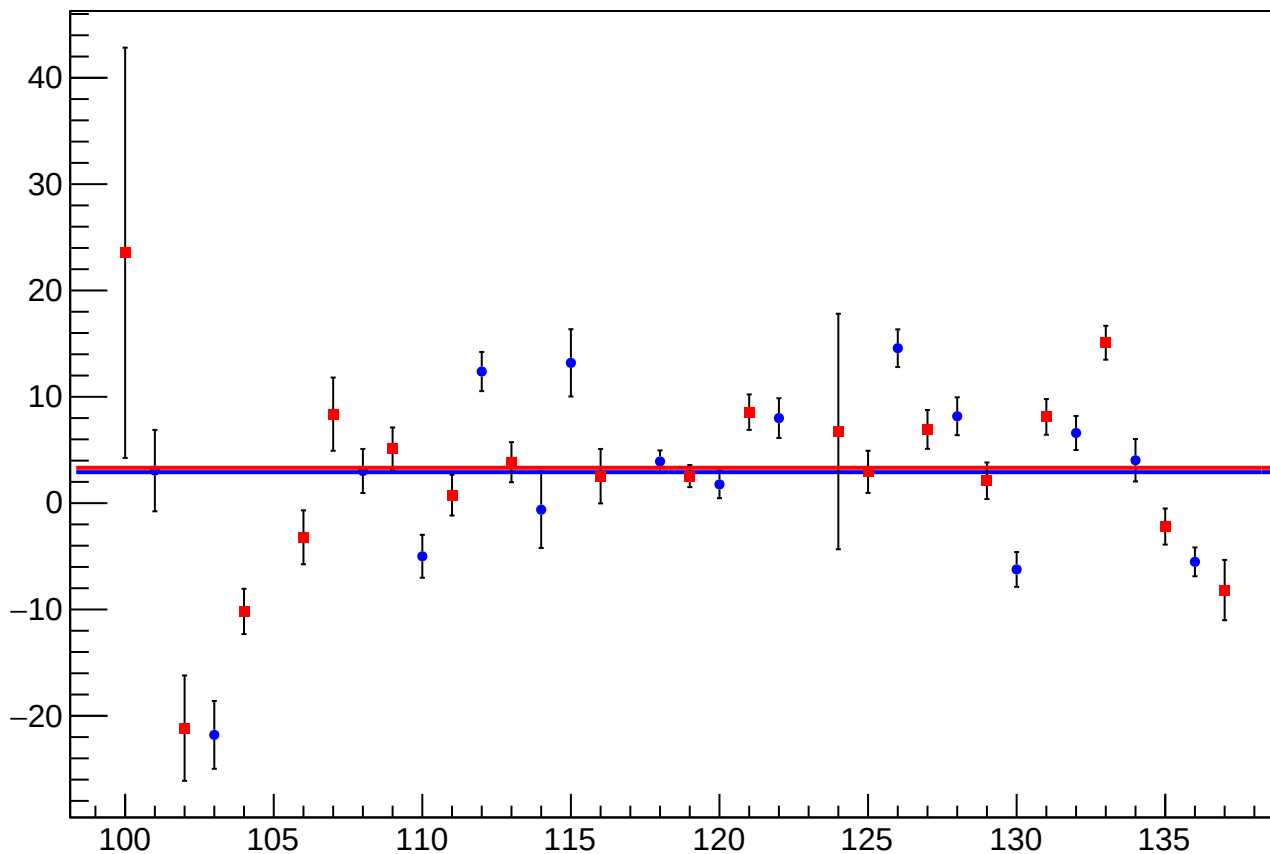
Right: 27.887+/-0.296 χ^2/NDF : 3283.1/34

In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.887+/-0.296 χ^2/NDF : 3283.1/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.912 $\pm$ 0.442 χ^2 /NDF: 250.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.326 $\pm$ 0.454 χ^2 /NDF: 181.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

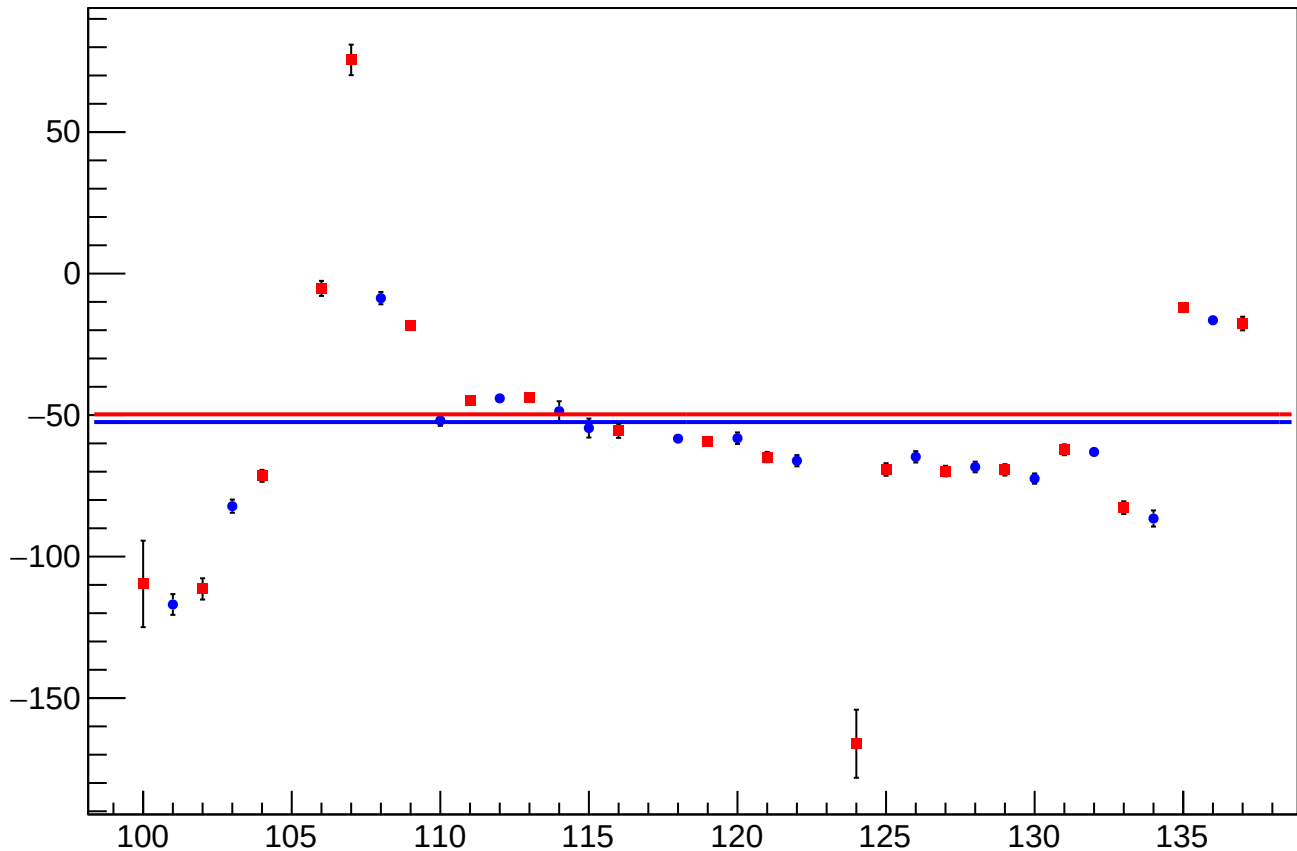
Right: 3.114 $\pm$ 0.317 χ^2 /NDF: 432.2/34

In: 2.912 $\pm$ 0.442 χ^2 /NDF:250.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 3.114 $\pm$ 0.317 χ^2 /NDF: 432.2/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.467 ± 0.488 $\chi^2/\text{NDF}: 2330.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -49.734 ± 0.494 $\chi^2/\text{NDF}: 3009.7/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

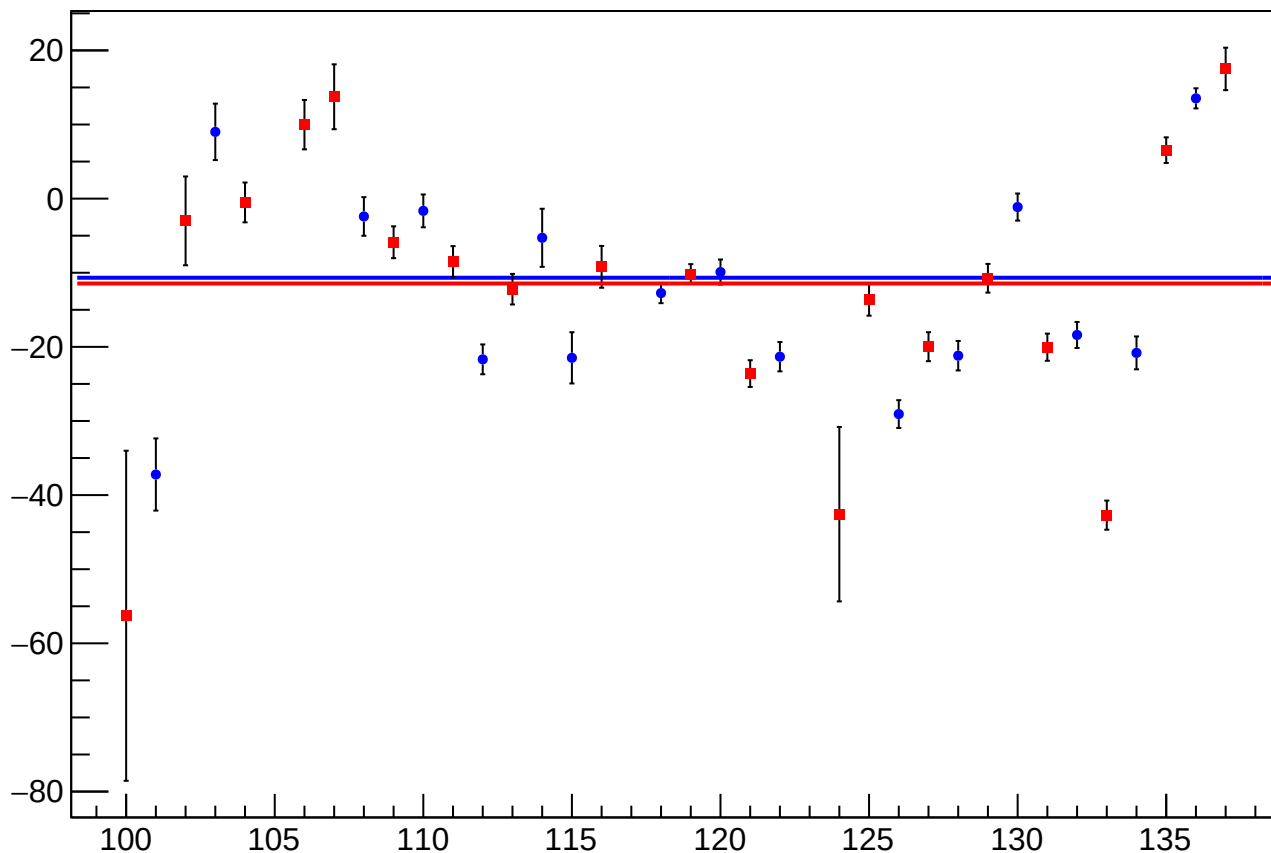
Right: -51.118 ± 0.347 $\chi^2/\text{NDF}: 5355.4/34$

In: -52.467 ± 0.488 $\chi^2/\text{NDF}: 2330.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -51.118 ± 0.347 $\chi^2/\text{NDF}: 5355.4/34$

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.450 ± 0.516 χ^2/NDF : 665.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

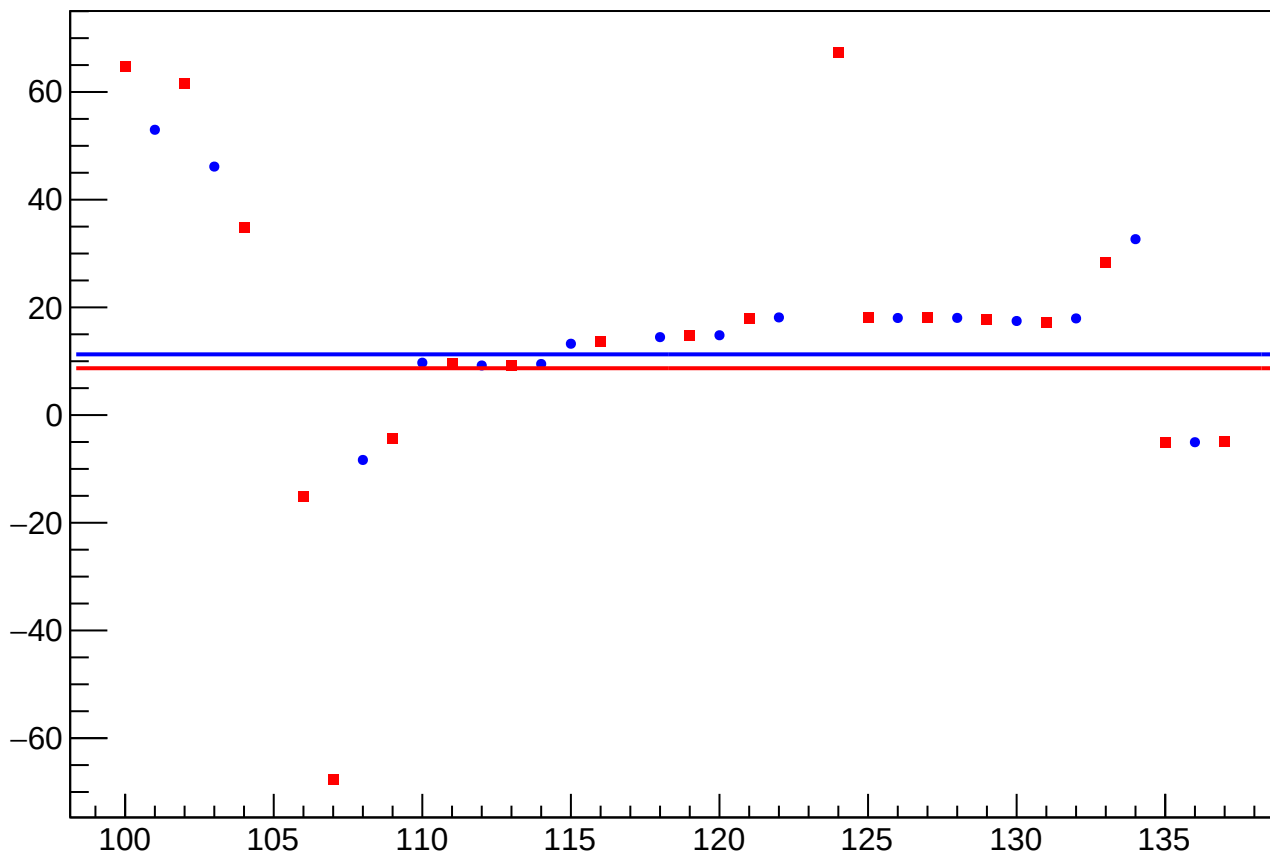
Right: -11.054 ± 0.361 χ^2/NDF : 1333.3/34

In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.054 ± 0.361 χ^2/NDF : 1333.3/34

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.698+/-0.031 χ^2/NDF : 436156.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

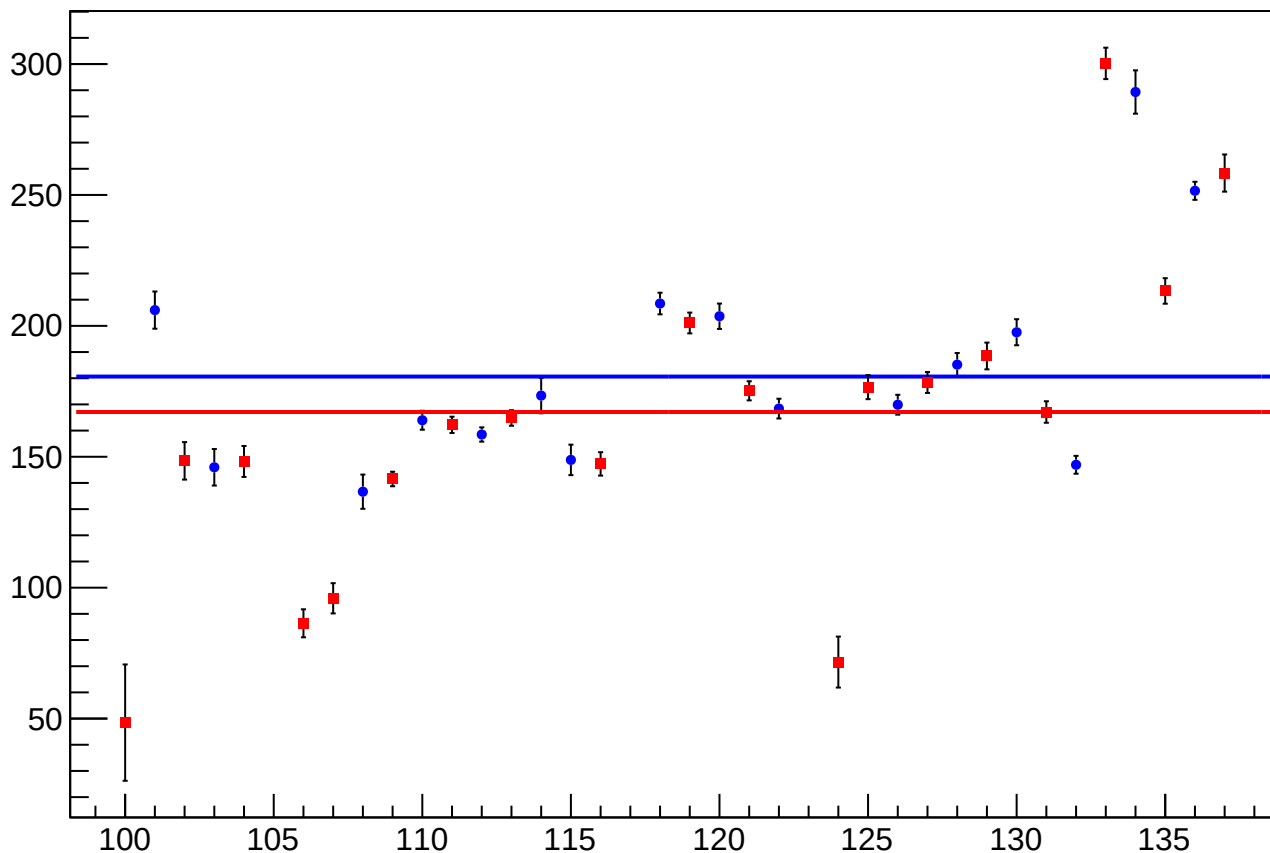
Right: 10.050+/-0.022 χ^2/NDF : 789035.8/34

In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.050+/-0.022 χ^2/NDF : 789035.8/34

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.102+/-1.021 χ^2/NDF : 1484.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

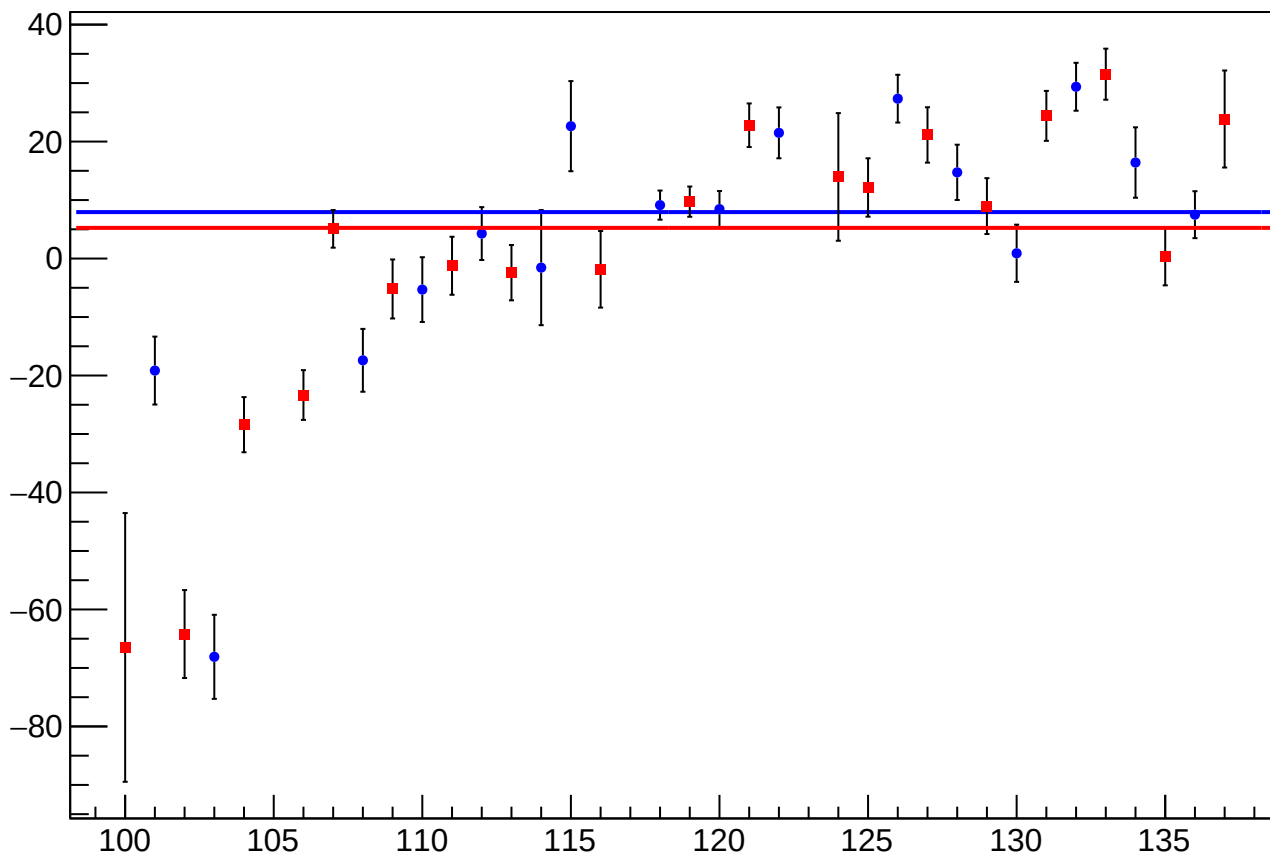
Right: 173.427+/-0.745 χ^2/NDF : 2560.1/34

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.427+/-0.745 χ^2/NDF : 2560.1/34

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.942+/-1.113 χ^2/NDF : 232.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.244+/-1.062 χ^2/NDF : 302.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

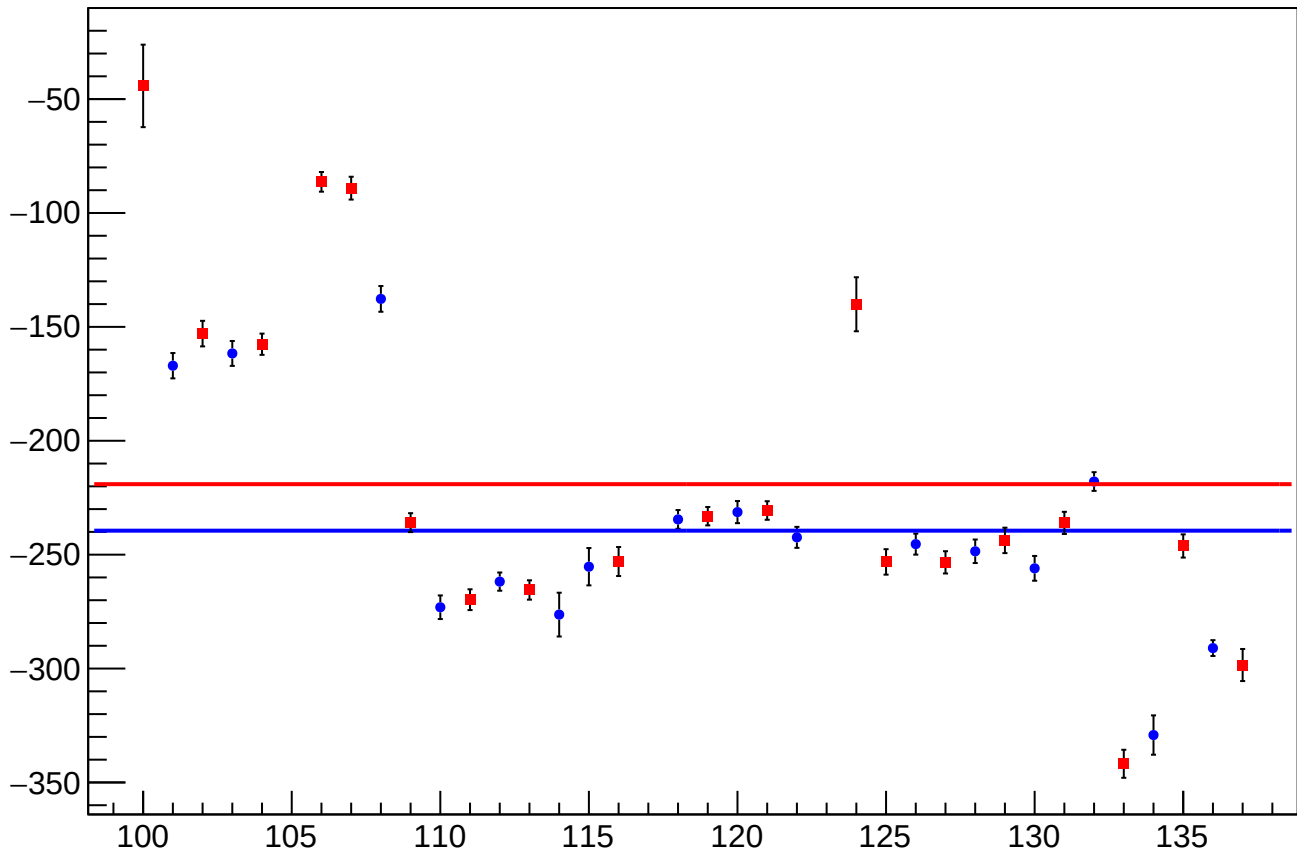
Right: 6.530+/-0.768 χ^2/NDF : 538.9/34

In: 7.942+/-1.113 χ^2/NDF : 232.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.530+/-0.768 χ^2/NDF : 538.9/34

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -239.468+/-1.245 χ^2/NDF : 1162.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.053+/-1.176 χ^2/NDF : 3049.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

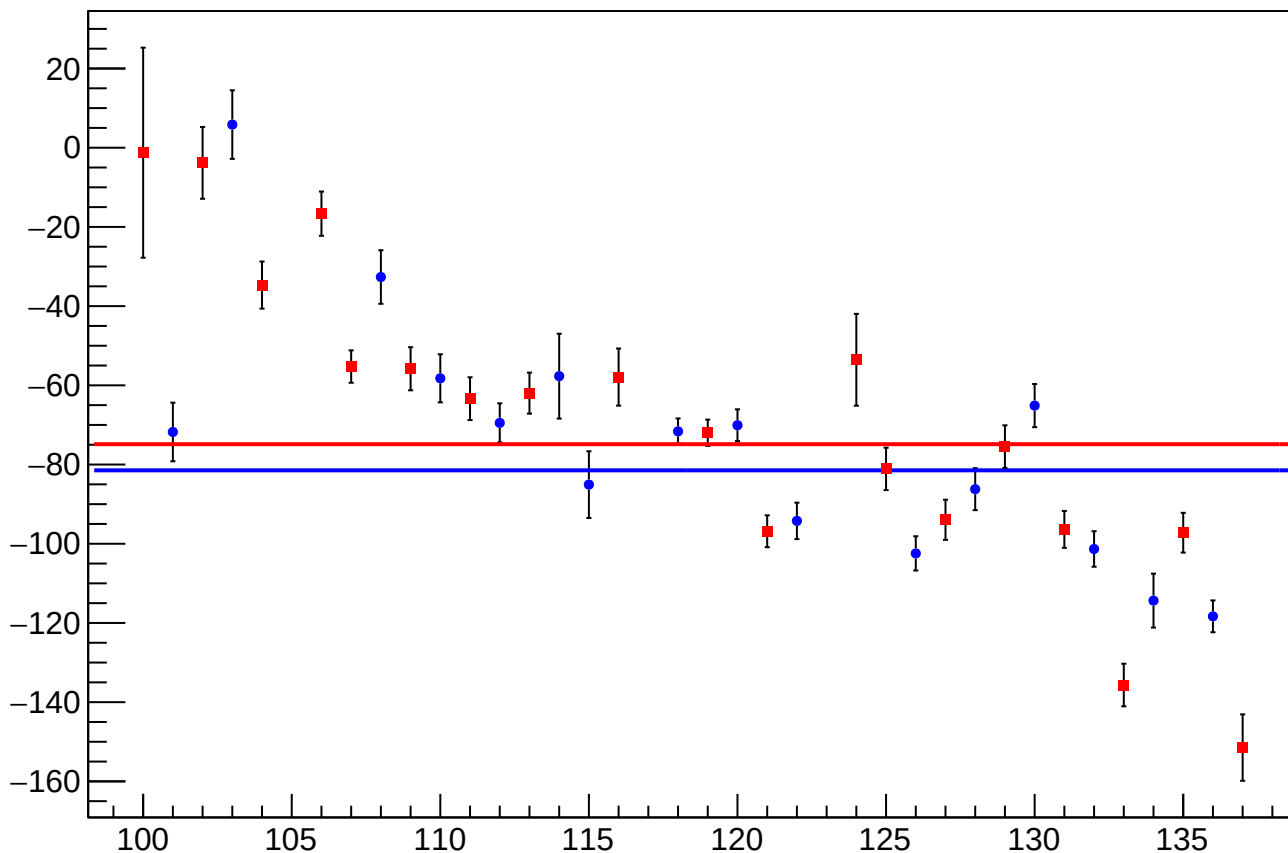
Right: -228.679+/-0.855 χ^2/NDF : 4353.5/34

In: -239.468+/-1.245 χ^2/NDF : 1162.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.679+/-0.855 χ^2/NDF : 4353.5/34

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.462 $\pm$ 1.287 χ^2 /NDF: 366.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -74.861 $\pm$ 1.230 χ^2 /NDF: 576.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

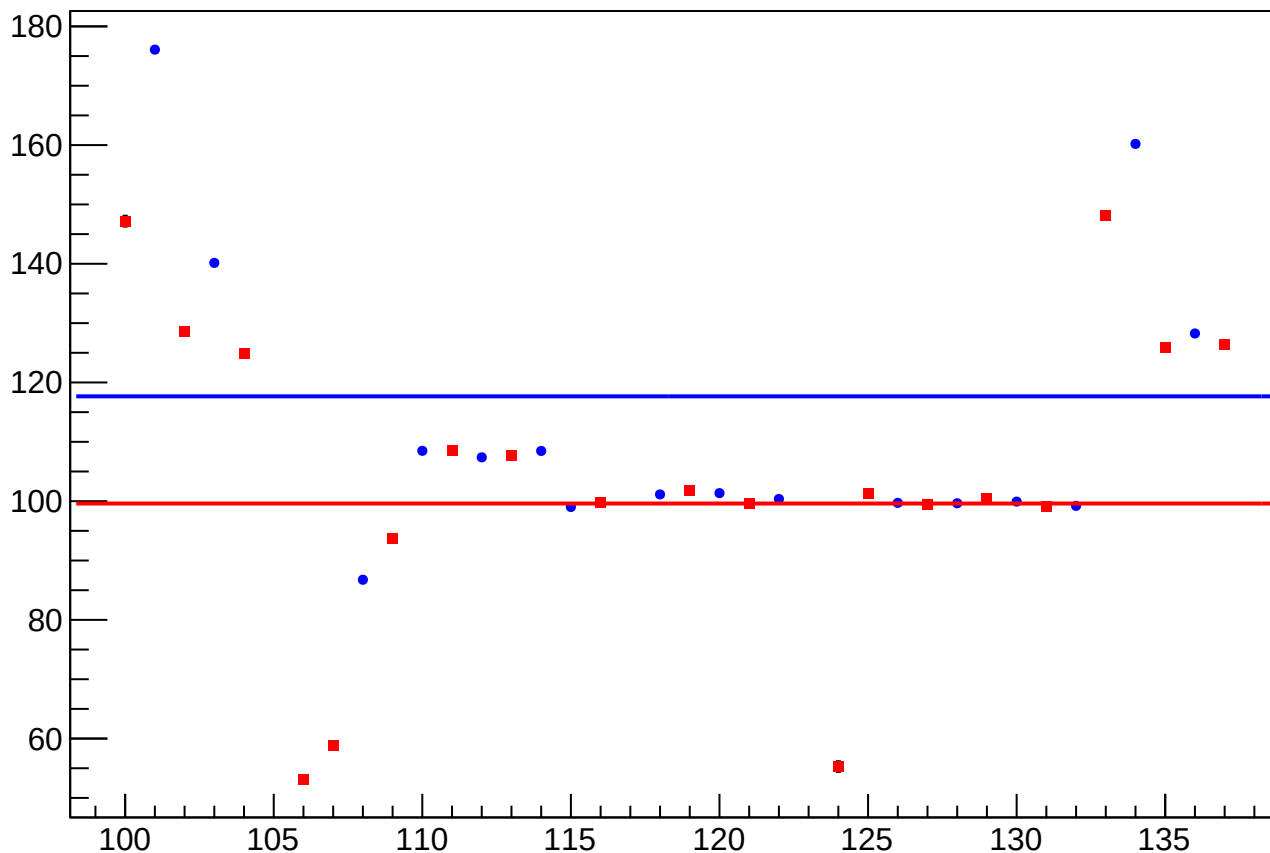
Right: -78.013 $\pm$ 0.889 χ^2 /NDF: 956.9/34

In: -81.462 $\pm$ 1.287 χ^2 /NDF:366.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -78.013 $\pm$ 0.889 χ^2 /NDF: 956.9/34

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.604+/-0.070 χ^2/NDF : 166236.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

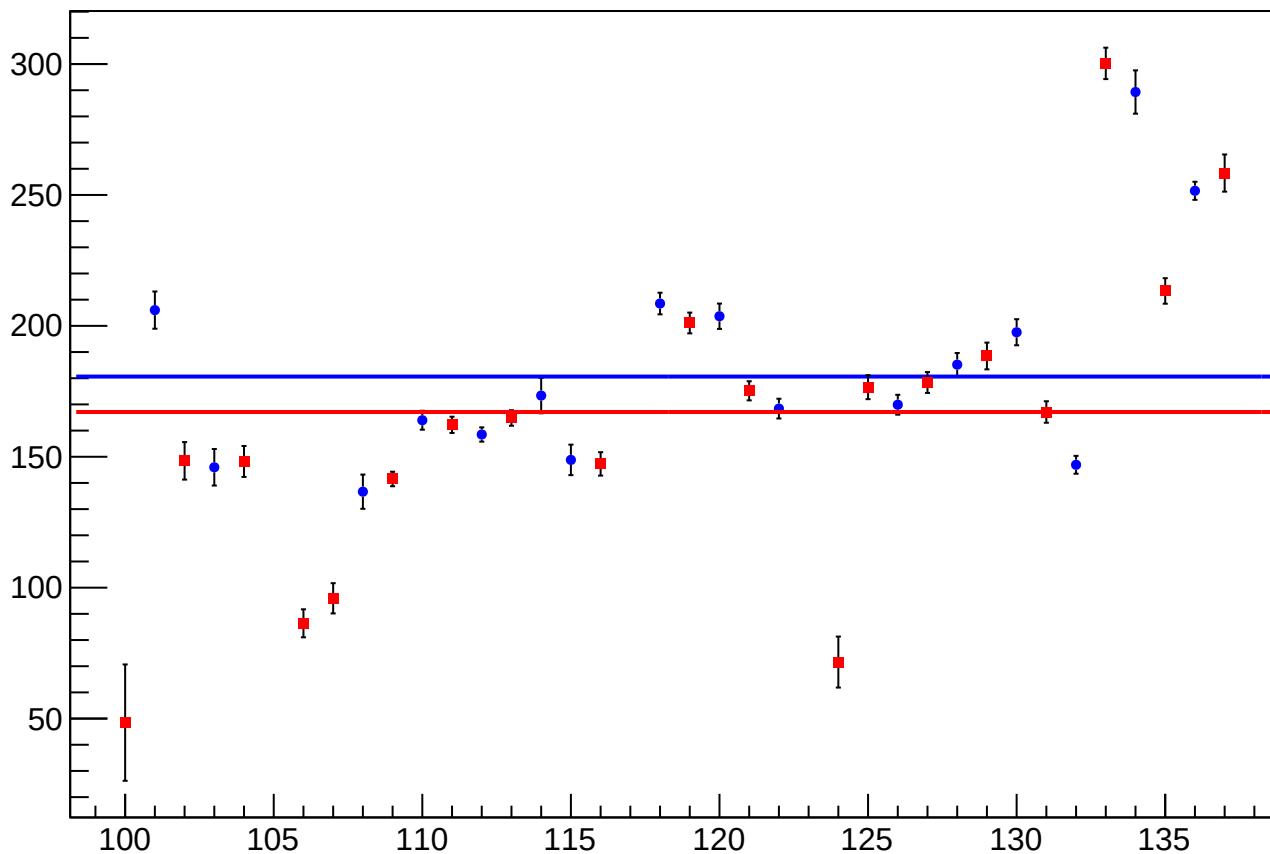
Right: 107.671+/-0.052 χ^2/NDF : 291112.6/34

In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.671+/-0.052 χ^2/NDF : 291112.6/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.102+/-1.021 χ^2/NDF : 1484.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

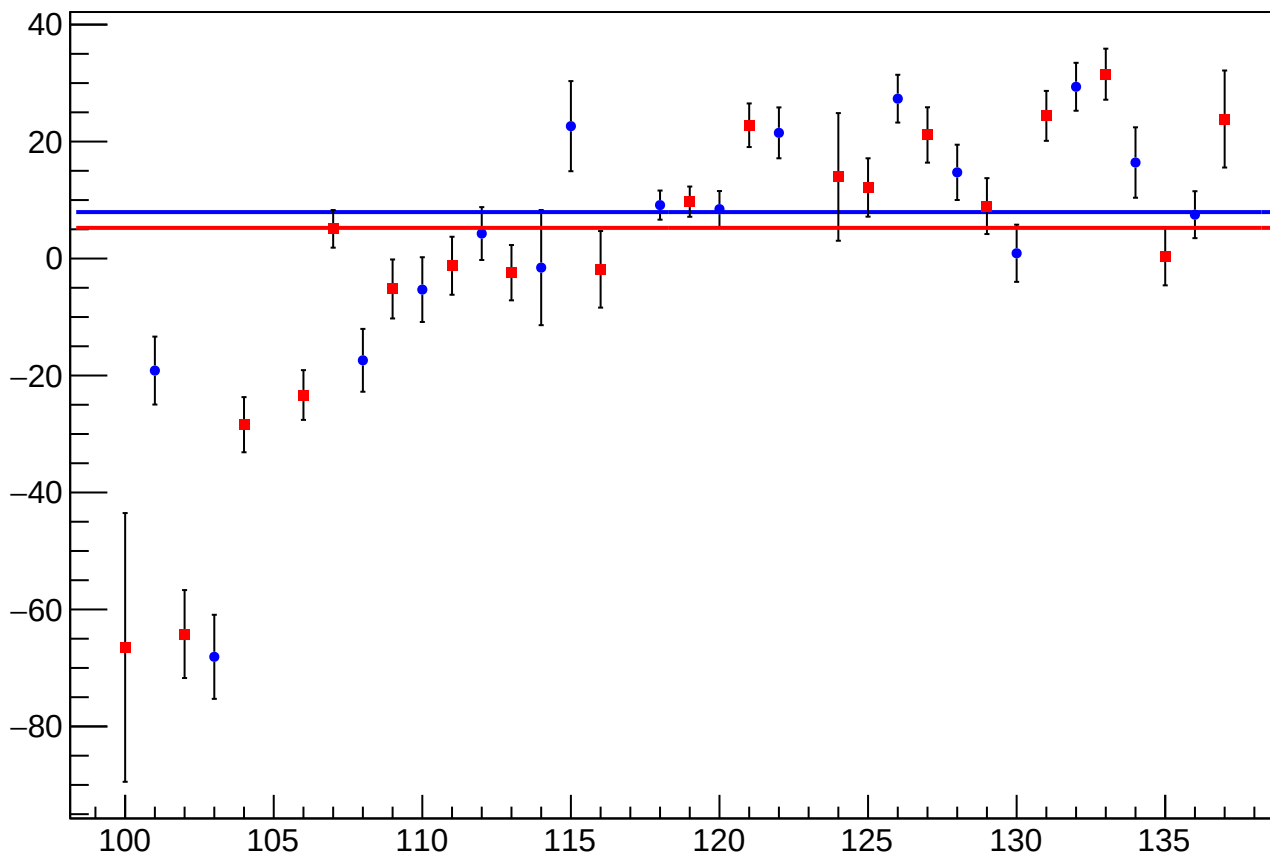
Right: 173.427+/-0.745 χ^2/NDF : 2560.1/34

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.427+/-0.745 χ^2/NDF : 2560.1/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 7.942 $\pm$ 1.113 χ^2 /NDF: 232.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.244 $\pm$ 1.062 χ^2 /NDF: 302.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

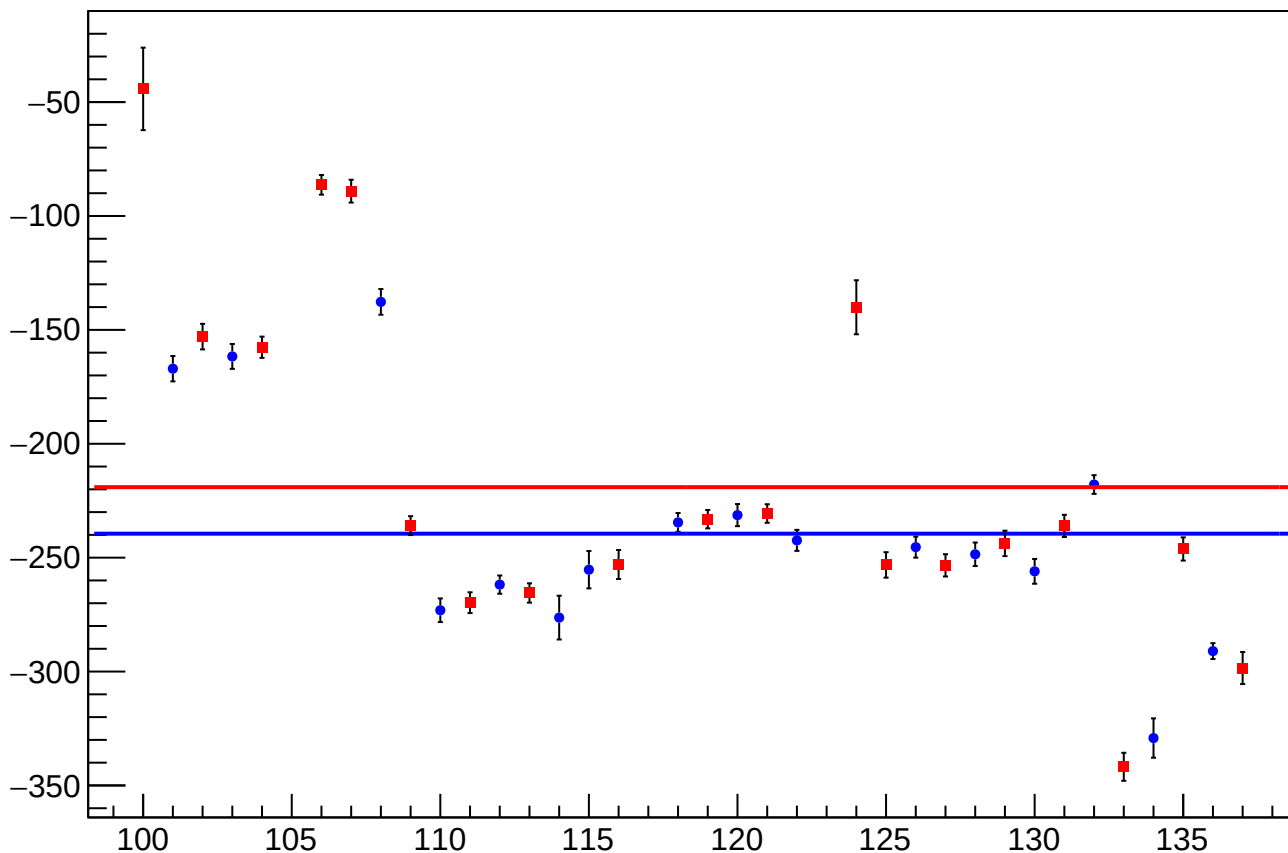
Right: 6.530 $\pm$ 0.768 χ^2 /NDF: 538.9/34

In: 7.942 $\pm$ 1.113 χ^2 /NDF:232.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 6.530 $\pm$ 0.768 χ^2 /NDF: 538.9/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -239.468+/-1.245 χ^2/NDF : 1162.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.053+/-1.176 χ^2/NDF : 3049.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

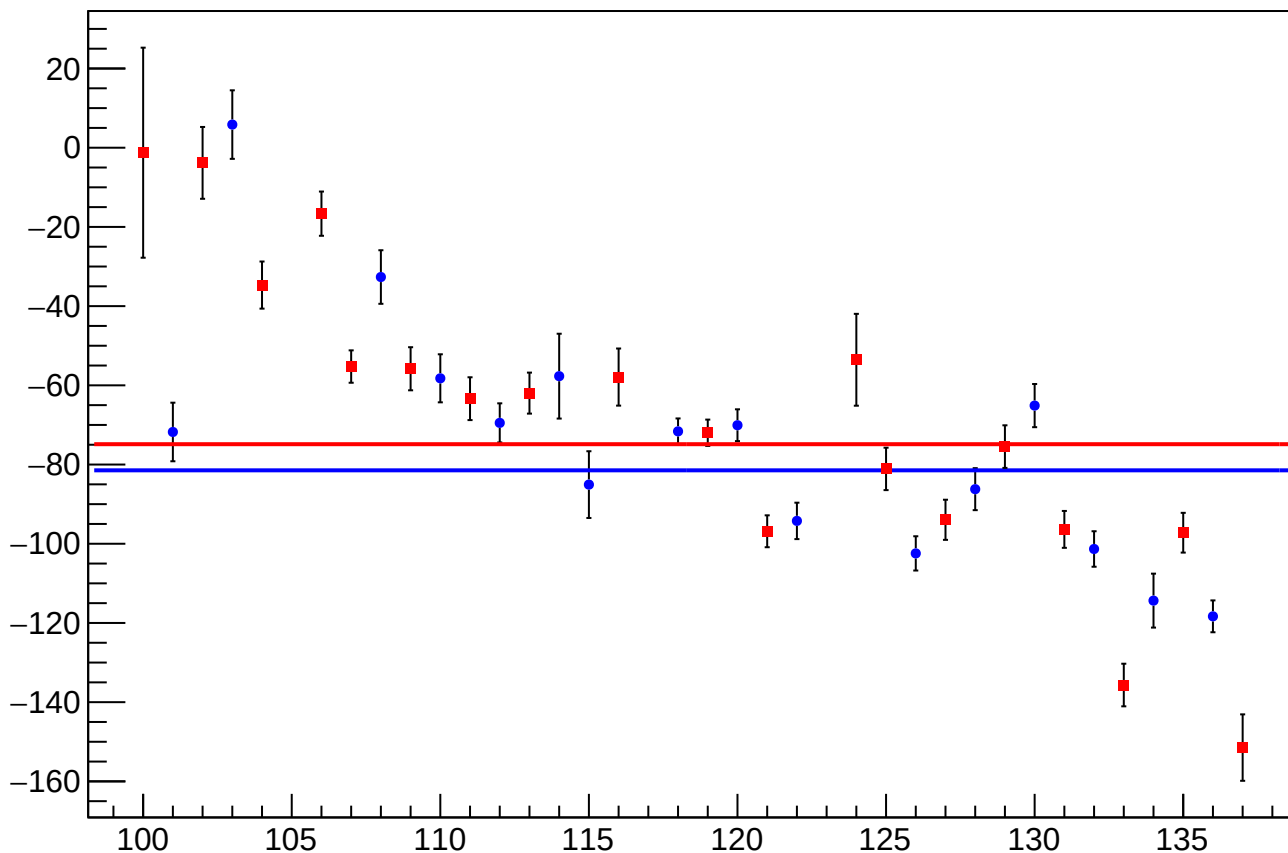
Right: -228.679+/-0.855 χ^2/NDF : 4353.5/34

In: -239.468+/-1.245 χ^2/NDF : 1162.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.679+/-0.855 χ^2/NDF : 4353.5/34

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -81.462 ± 1.287 $\chi^2/\text{NDF}: 366.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -74.861 ± 1.230 $\chi^2/\text{NDF}: 576.6/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

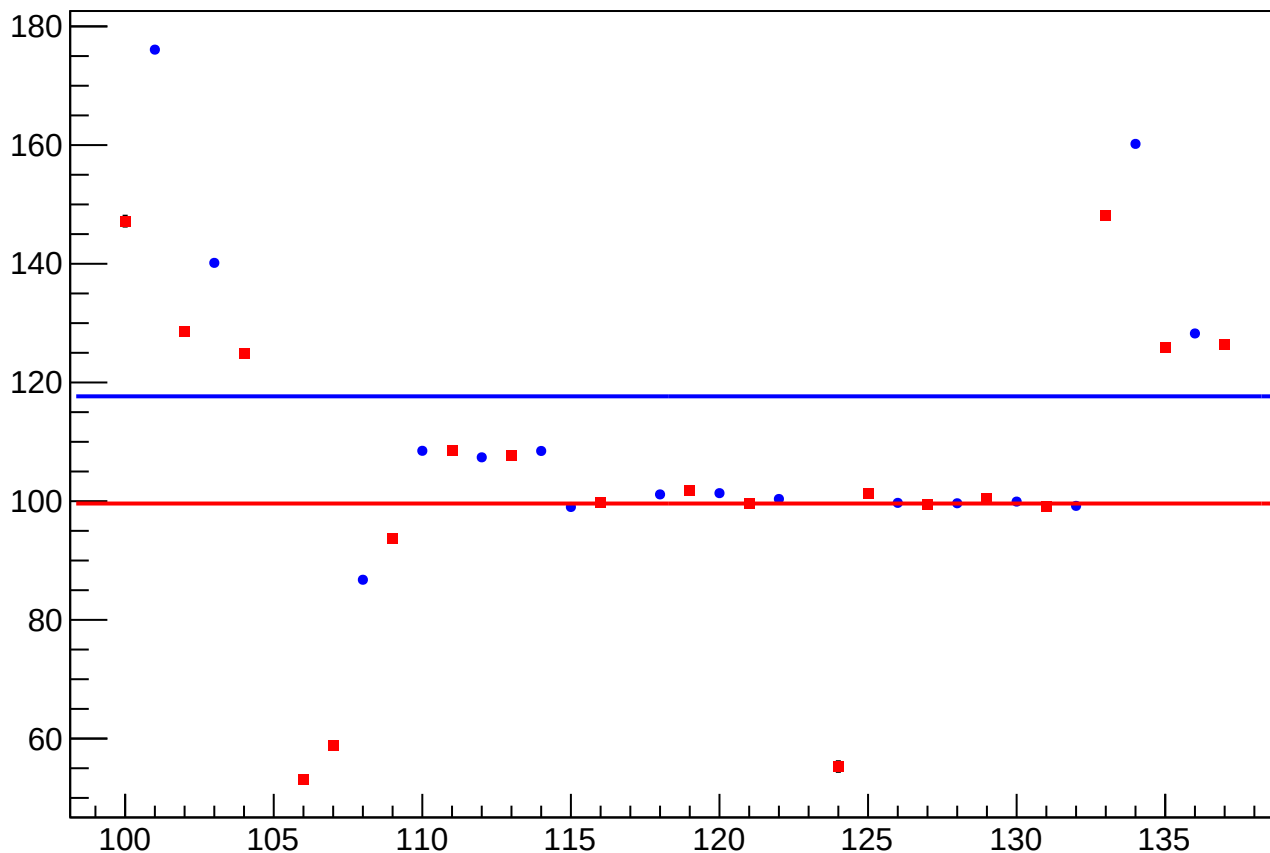
Right: -78.013 ± 0.889 $\chi^2/\text{NDF}: 956.9/34$

In: -81.462 ± 1.287 $\chi^2/\text{NDF}: 366.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -78.013 ± 0.889 $\chi^2/\text{NDF}: 956.9/34$

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.604+/-0.070 χ^2/NDF : 166236.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

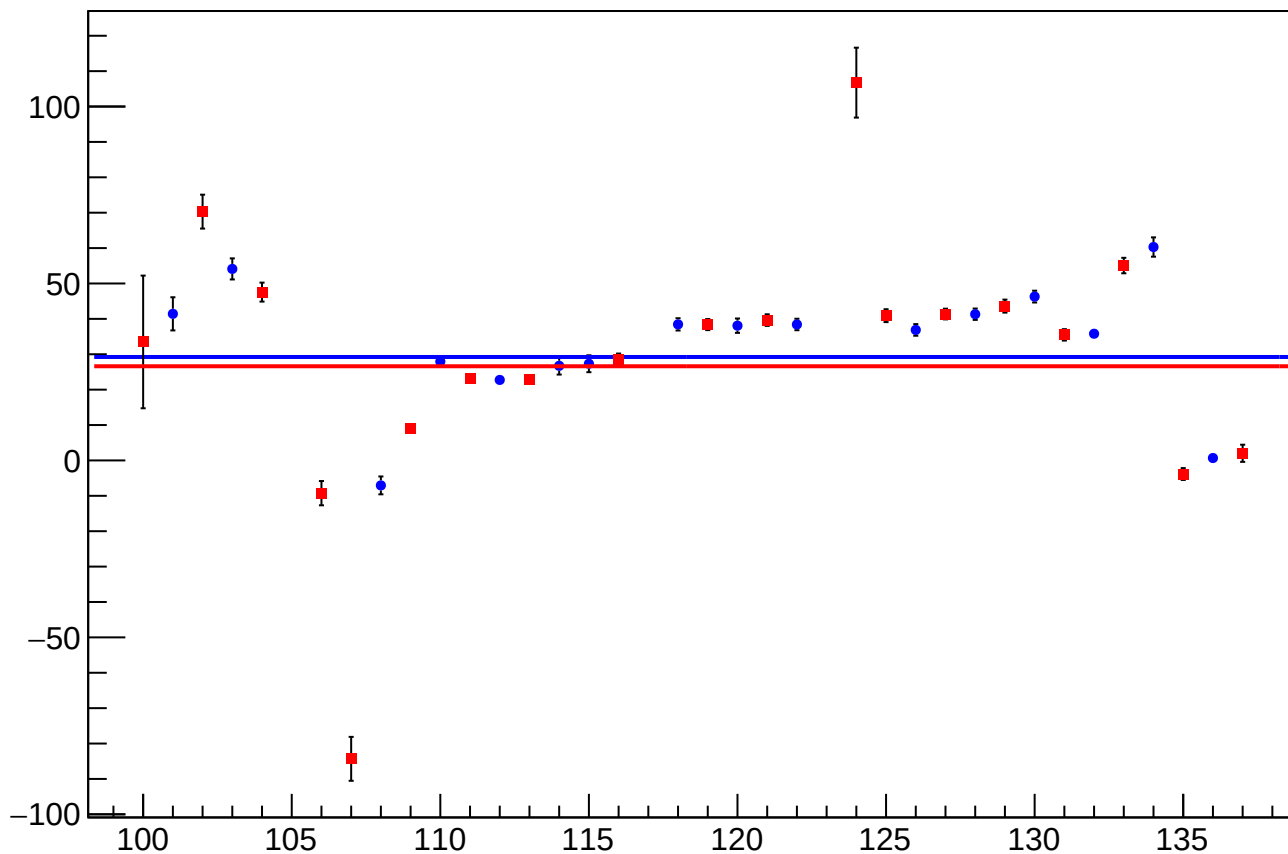
Right: 107.671+/-0.052 χ^2/NDF : 291112.6/34

In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.671+/-0.052 χ^2/NDF : 291112.6/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.609+/-0.414 χ^2/NDF : 1920.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

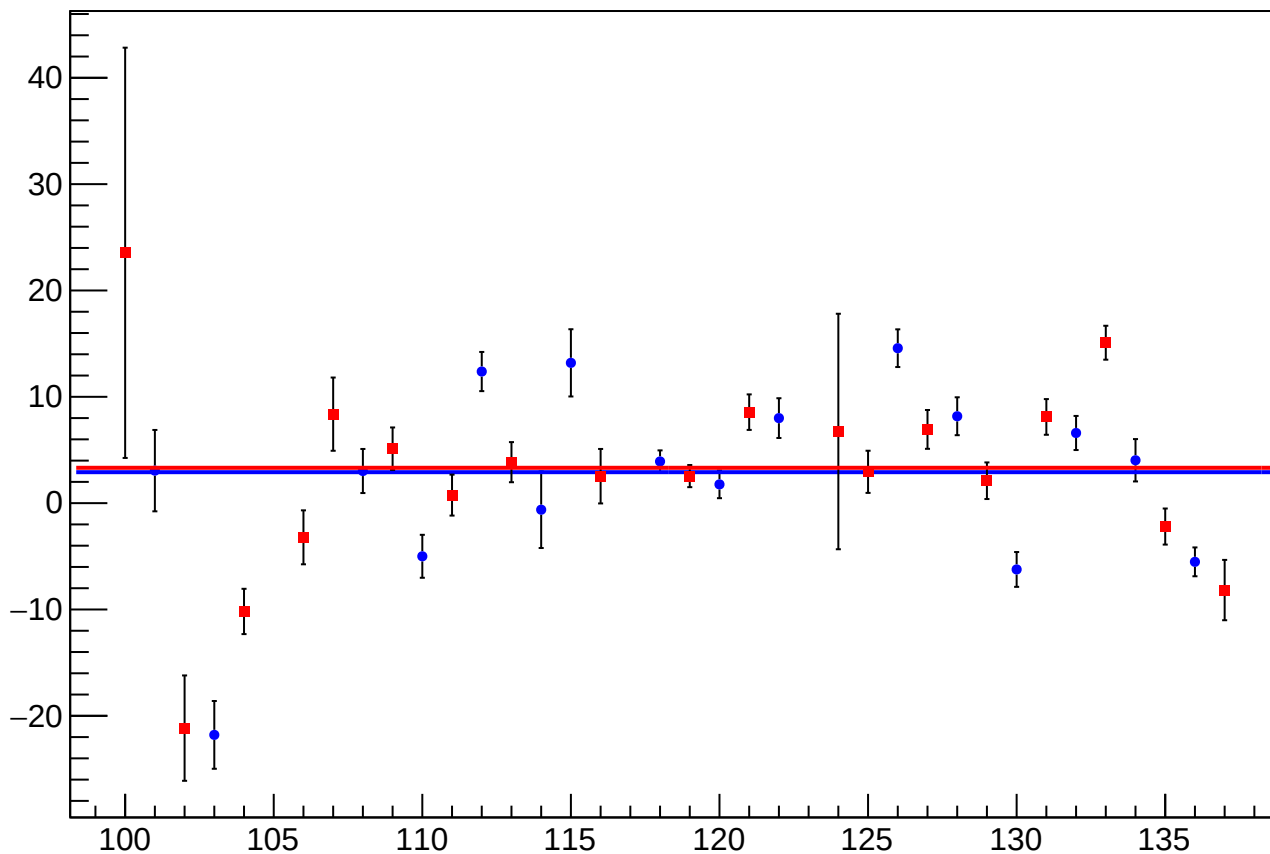
Right: 27.887+/-0.296 χ^2/NDF : 3283.1/34

In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.887+/-0.296 χ^2/NDF : 3283.1/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.912+/-0.442 χ^2/NDF : 250.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.326+/-0.454 χ^2/NDF : 181.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

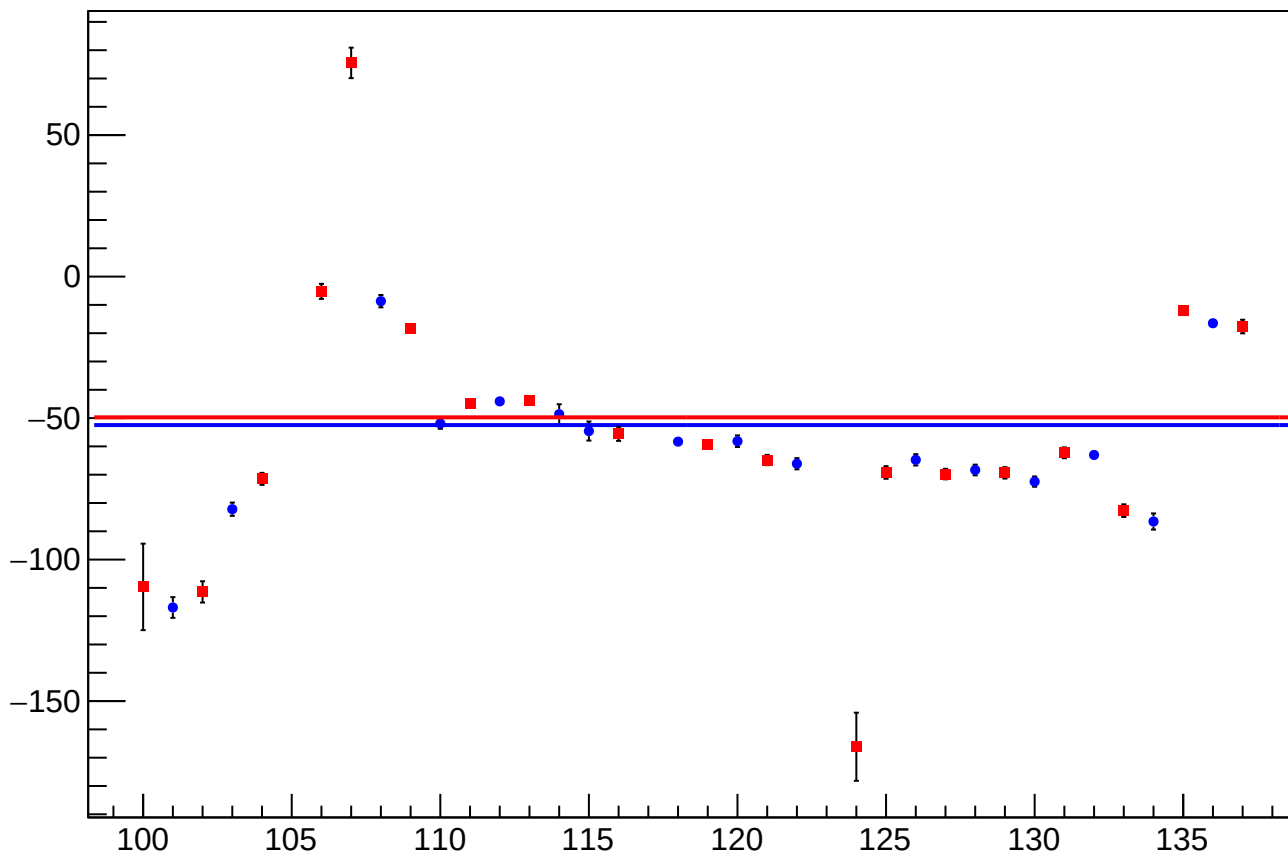
Right: 3.114+/-0.317 χ^2/NDF : 432.2/34

In: 2.912+/-0.442 χ^2/NDF : 250.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.114+/-0.317 χ^2/NDF : 432.2/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -52.467 $\pm$ 0.488 χ^2 /NDF: 2330.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -49.734 $\pm$ 0.494 χ^2 /NDF: 3009.7/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

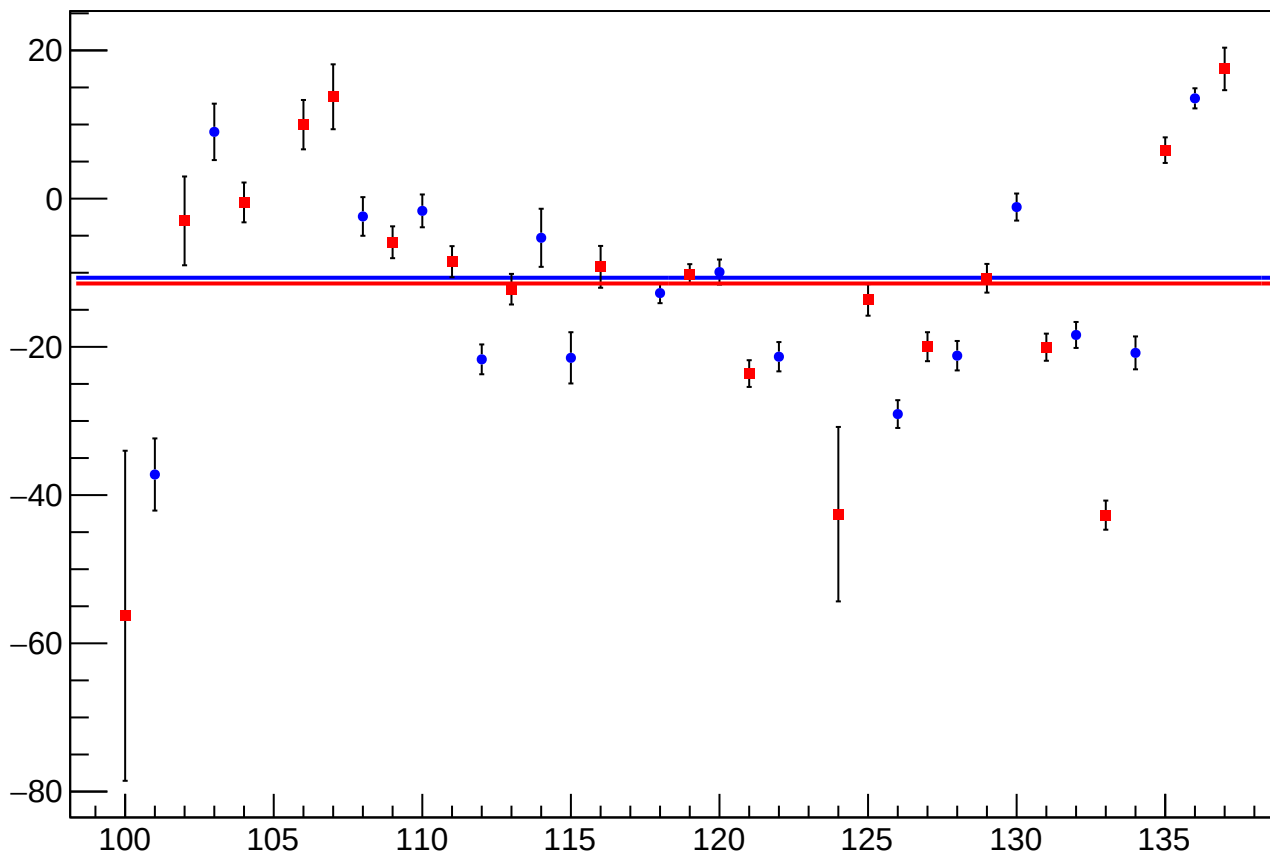
Right: -51.118 $\pm$ 0.347 χ^2 /NDF: 5355.4/34

In: -52.467 $\pm$ 0.488 χ^2 /NDF:2330.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -51.118 $\pm$ 0.347 χ^2 /NDF: 5355.4/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.450 ± 0.516 χ^2/NDF : 665.7/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

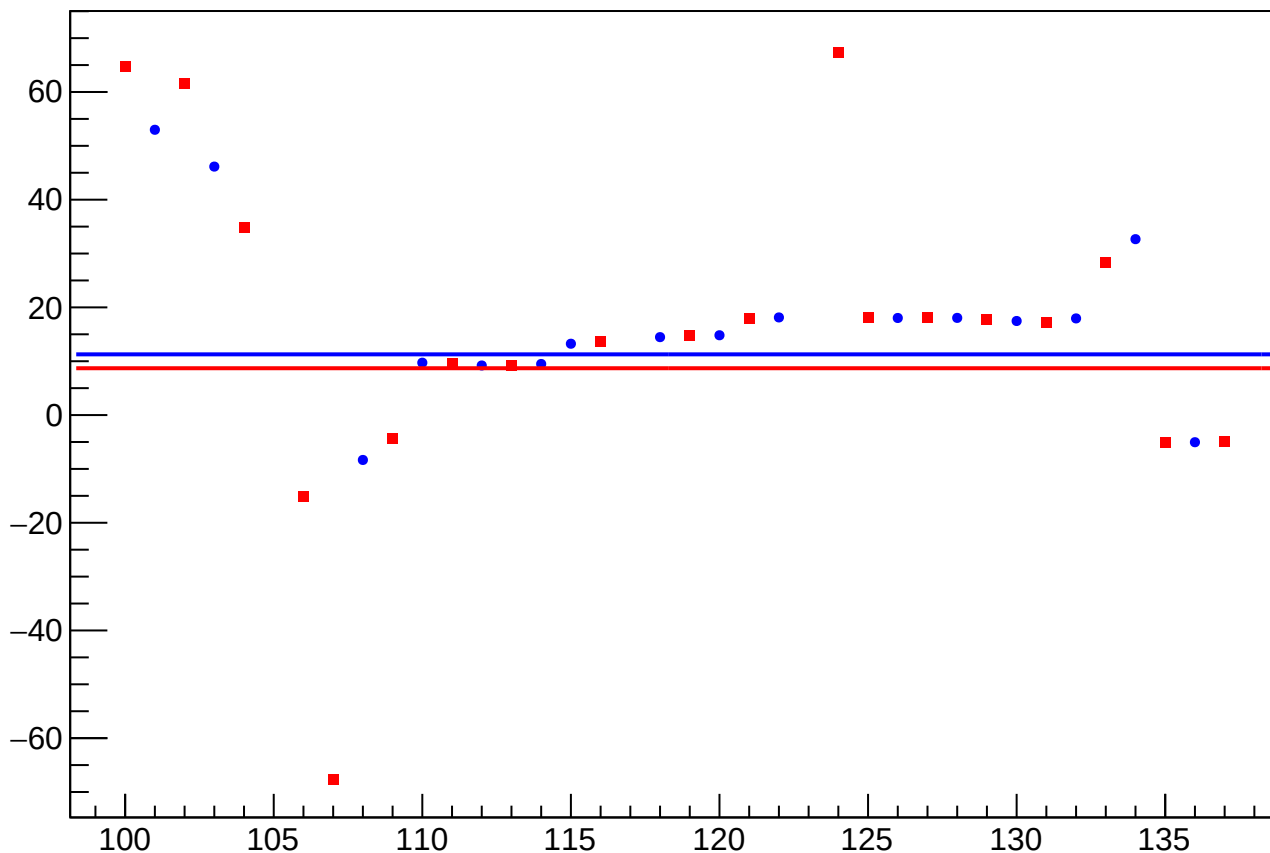
Right: -11.054 ± 0.361 χ^2/NDF : 1333.3/34

In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.054 ± 0.361 χ^2/NDF : 1333.3/34

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.698+/-0.031 χ^2/NDF : 436156.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

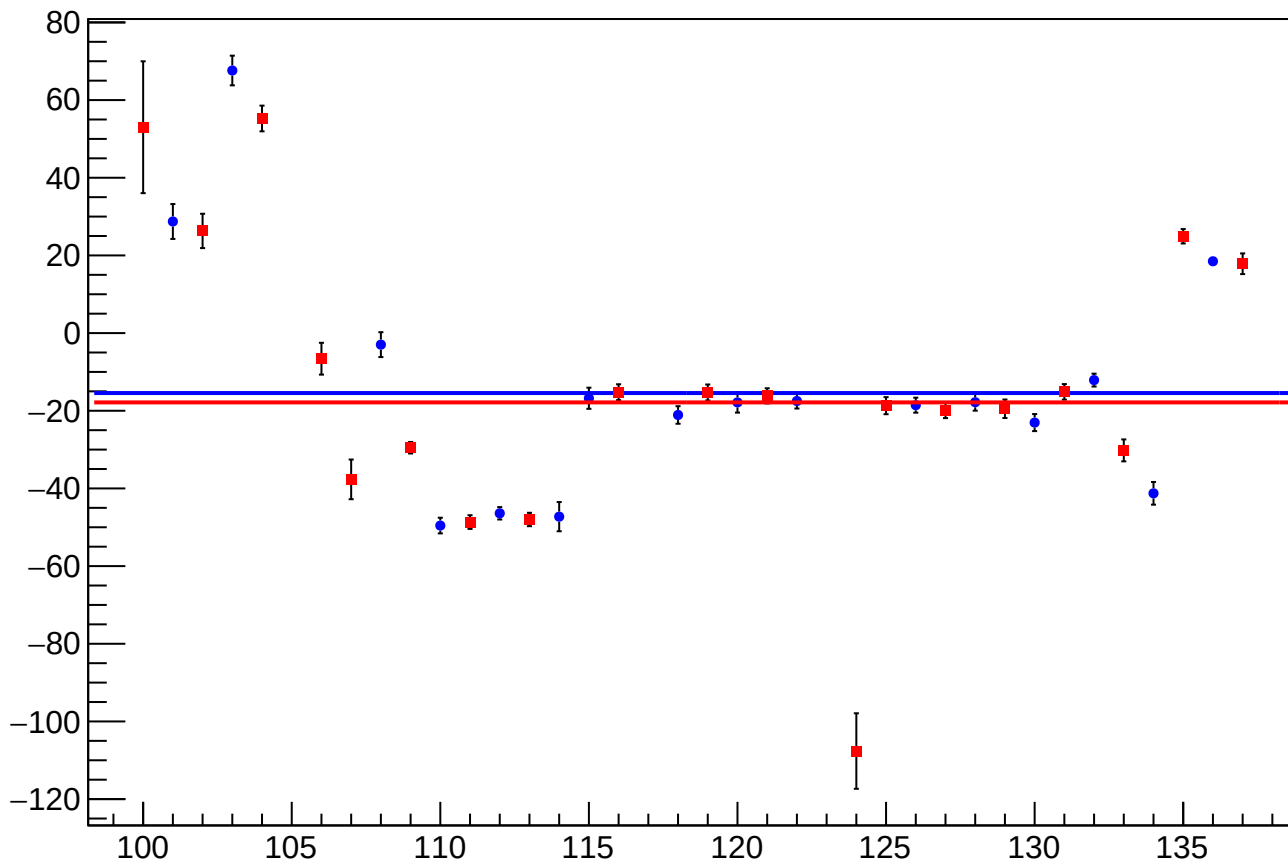
Right: 10.050+/-0.022 χ^2/NDF : 789035.8/34

In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.050+/-0.022 χ^2/NDF : 789035.8/34

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.438 $\pm$ 0.539 χ^2 /NDF: 2124.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.848 $\pm$ 0.530 χ^2 /NDF: 2125.2/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

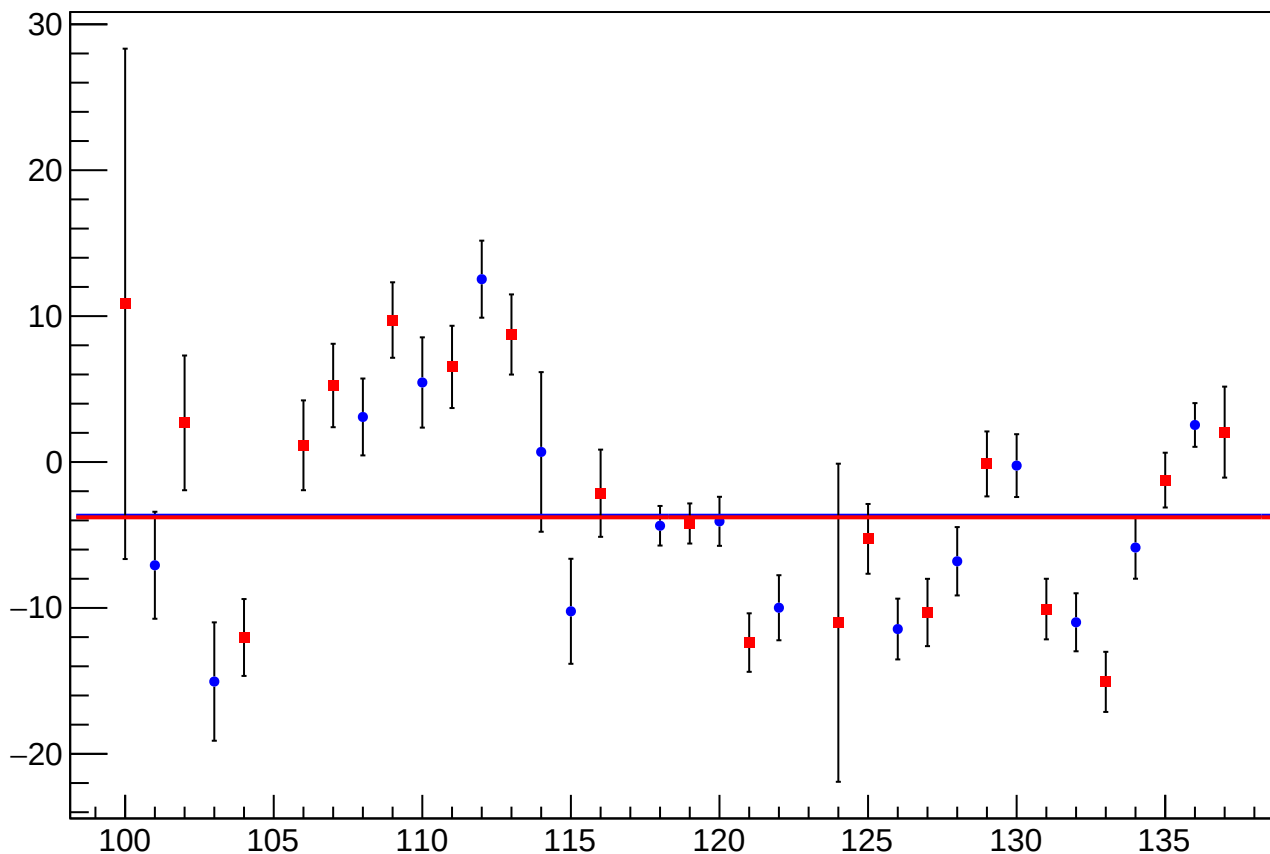
Right: -16.664 $\pm$ 0.378 χ^2 /NDF: 4259.6/34

In: -15.438 $\pm$ 0.539 χ^2 /NDF:2124.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -16.664 $\pm$ 0.378 χ^2 /NDF: 4259.6/34

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.790+/-0.564 χ^2/NDF : 161.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

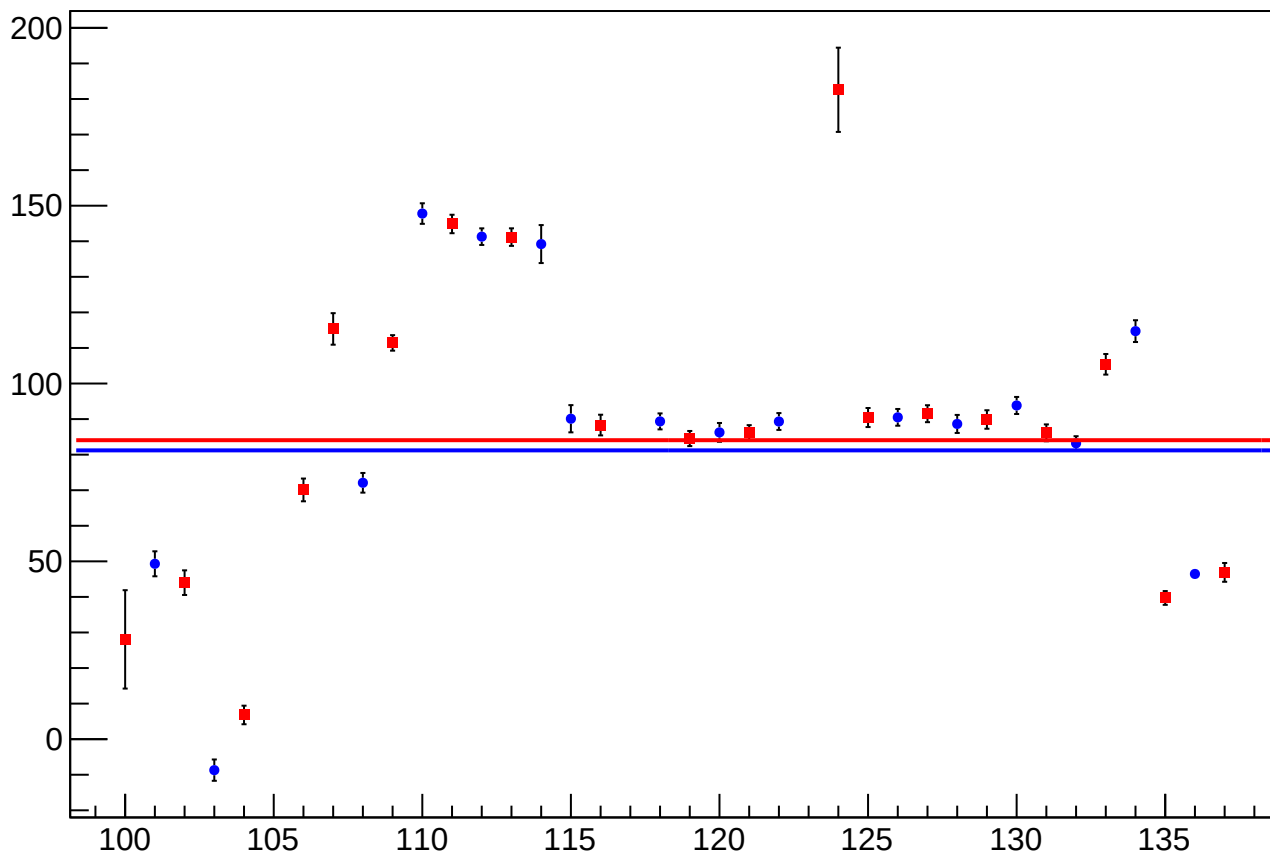
Right: -3.734+/-0.394 χ^2/NDF : 285.2/34

In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.734+/-0.394 χ^2/NDF : 285.2/34

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 81.203+/-0.607 χ^2/NDF : 3230.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.065+/-0.616 χ^2/NDF : 3206.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

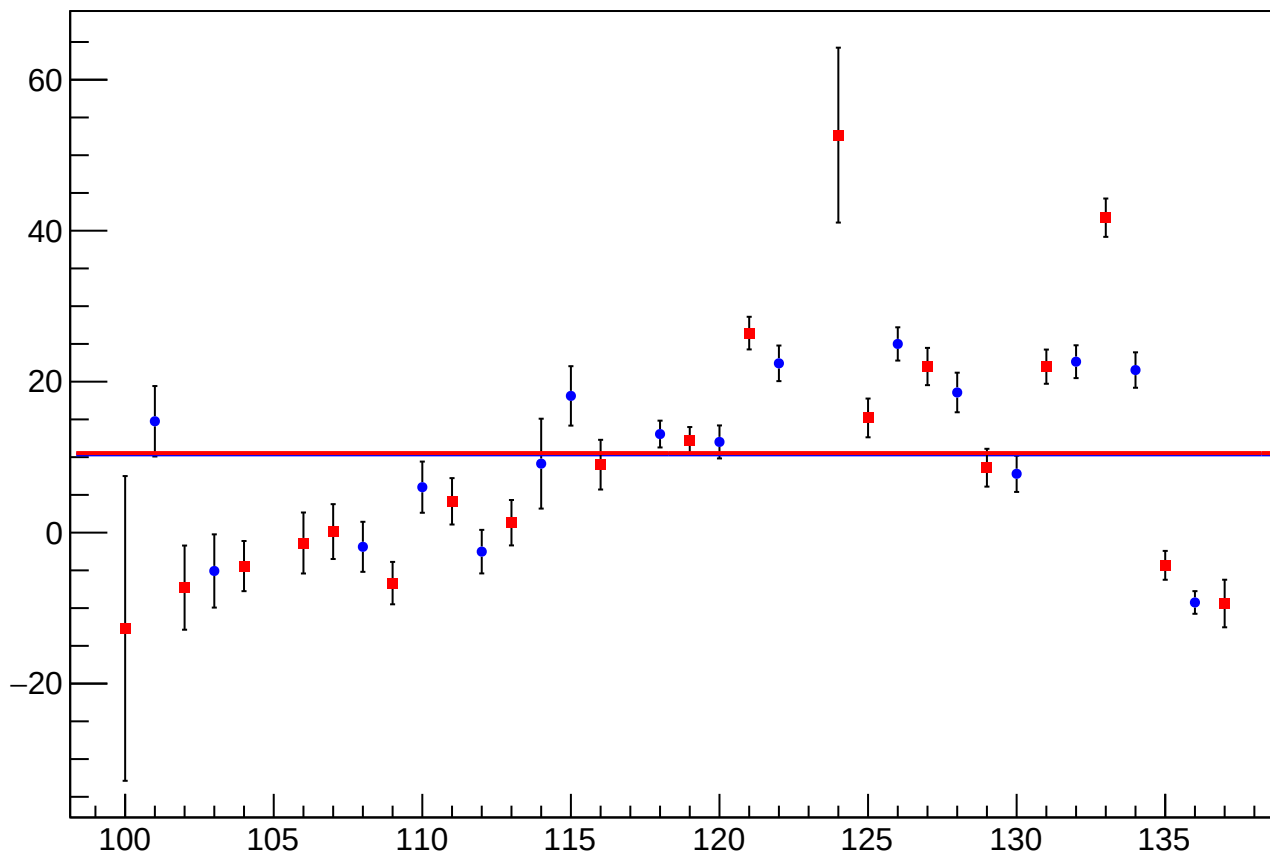
Right: 82.612+/-0.432 χ^2/NDF : 6447.9/34

In: 81.203+/-0.607 χ^2/NDF : 3230.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.612+/-0.432 χ^2/NDF : 6447.9/34

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.367+/-0.627 χ^2/NDF : 359.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.539+/-0.640 χ^2/NDF : 470.7/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

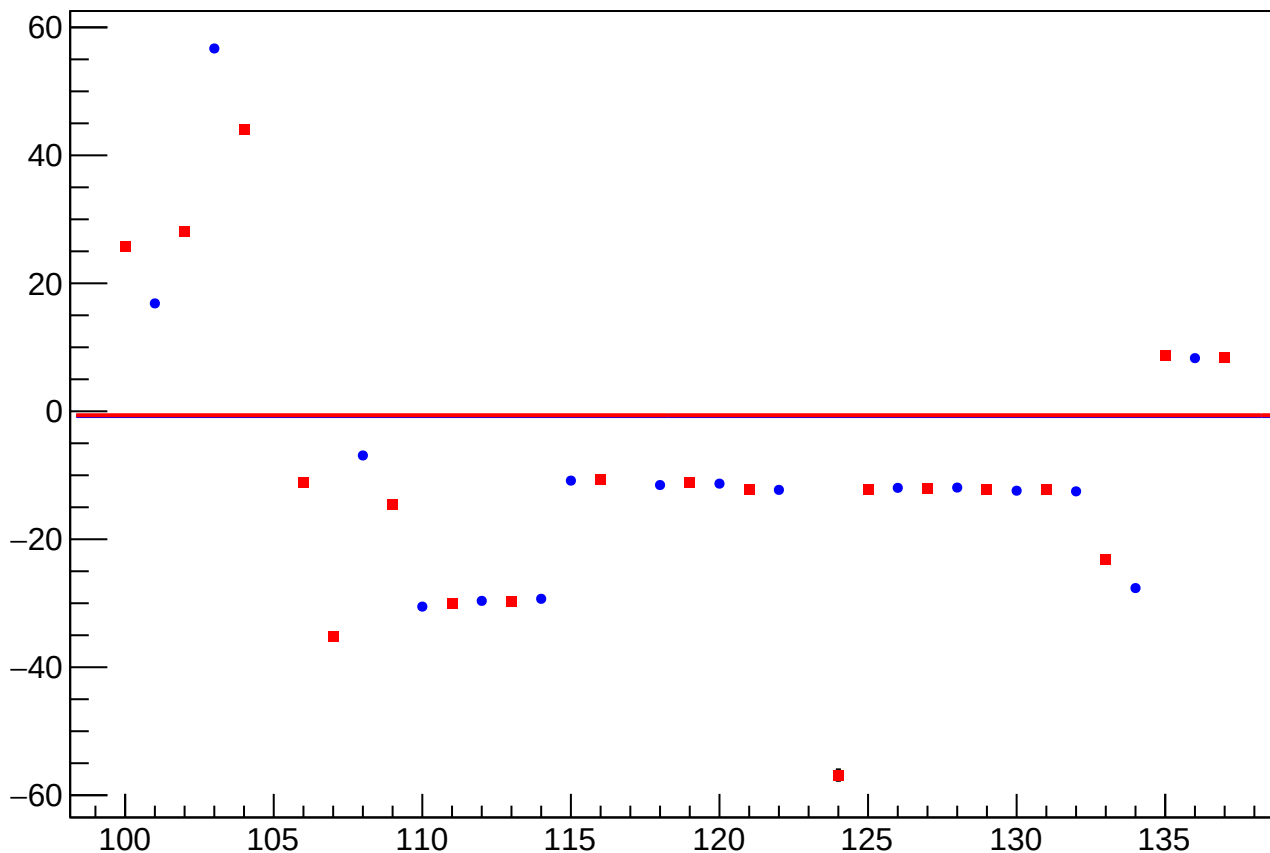
Right: 10.451+/-0.448 χ^2/NDF : 830.5/34

In: 10.367+/-0.627 χ^2/NDF : 359.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.451+/-0.448 χ^2/NDF : 830.5/34

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.745 ± 0.036 χ^2/NDF : 367993.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.618 ± 0.037 χ^2/NDF : 316492.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

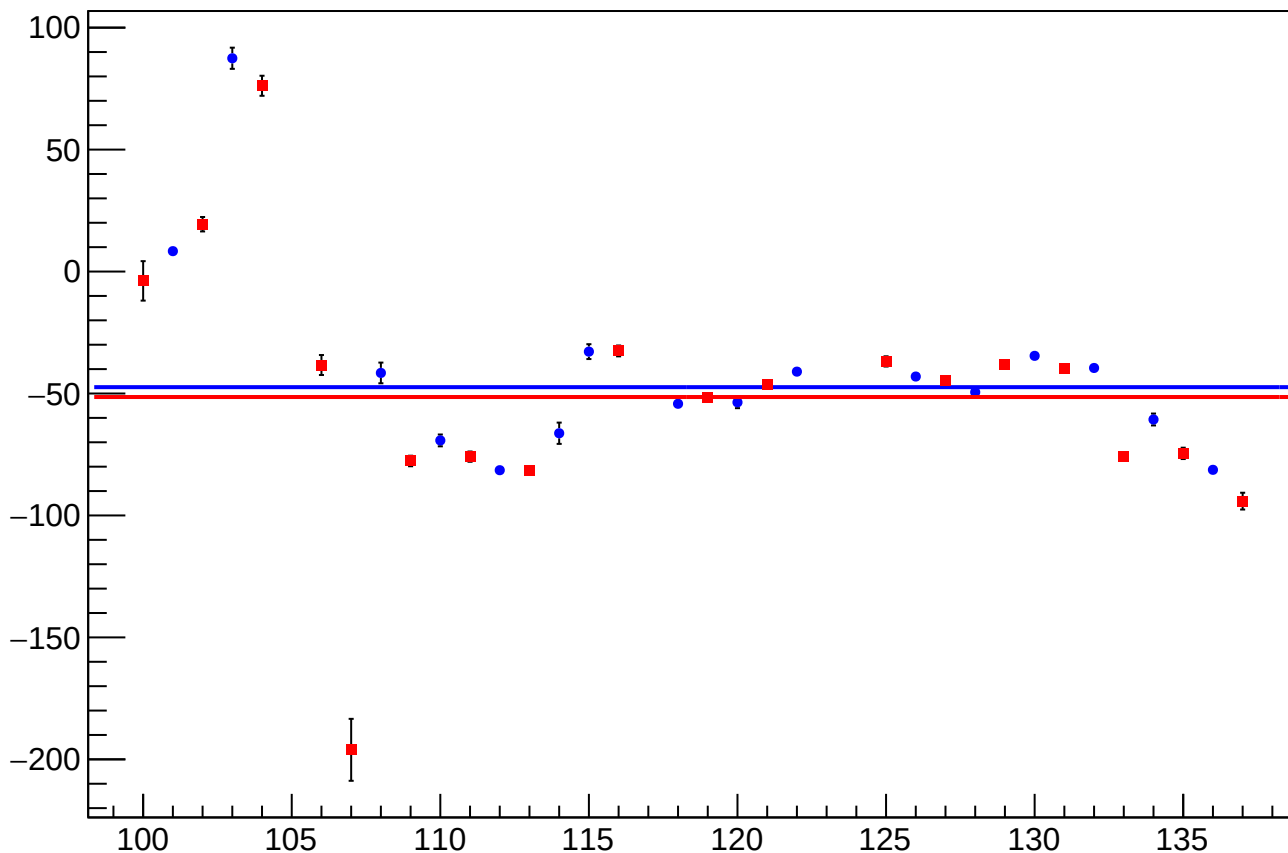
Right: -0.684 ± 0.026 χ^2/NDF : 684492.5/34

In: -0.745 ± 0.036 χ^2/NDF : 367993.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.684 ± 0.026 χ^2/NDF : 684492.5/34

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.398 ± 0.535 χ^2/NDF : 2769.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.442 ± 0.545 χ^2/NDF : 2872.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

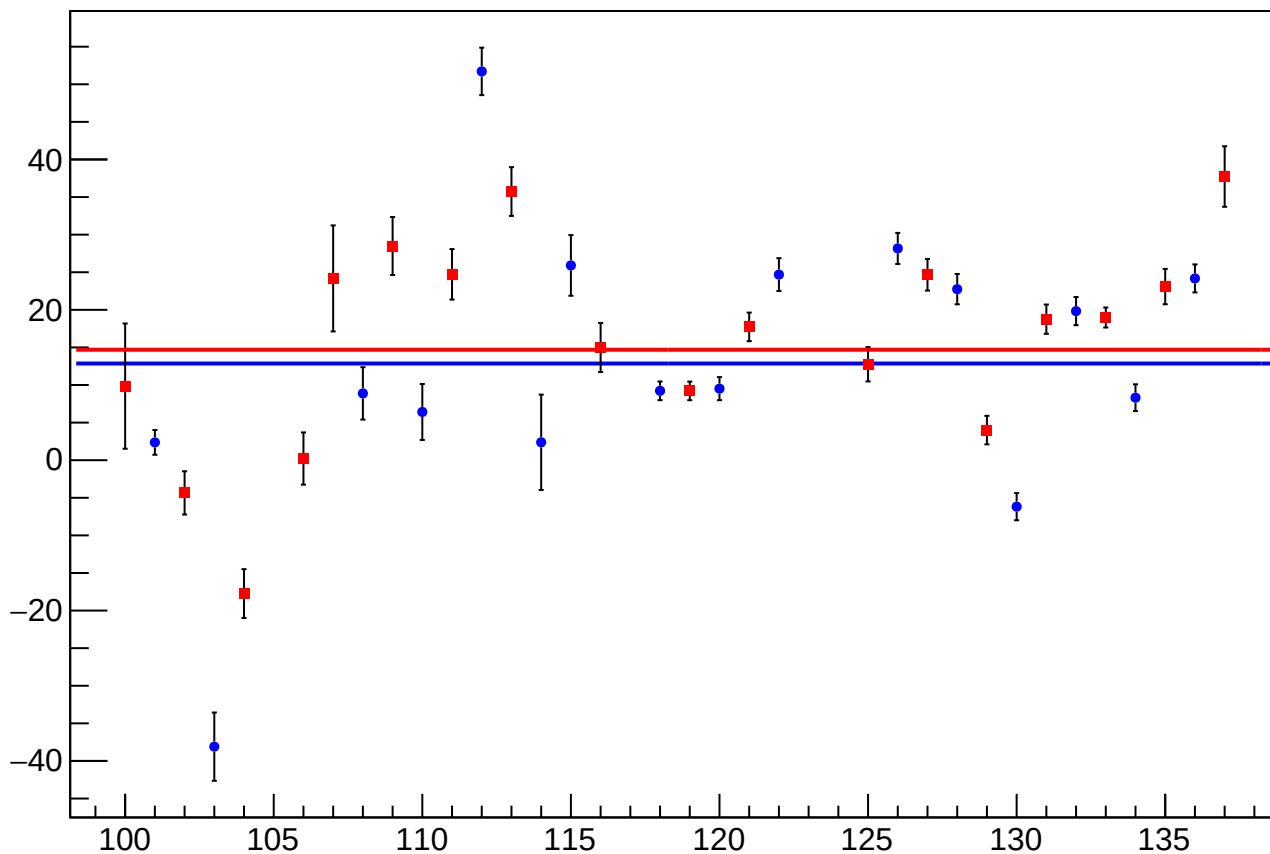
Right: -49.383 ± 0.382 χ^2/NDF : 5669.8/33

In: -47.398 ± 0.535 χ^2/NDF : 2769.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.383 ± 0.382 χ^2/NDF : 5669.8/33

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.860+/-0.519 χ^2/NDF : 625.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.691+/-0.544 χ^2/NDF : 364.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

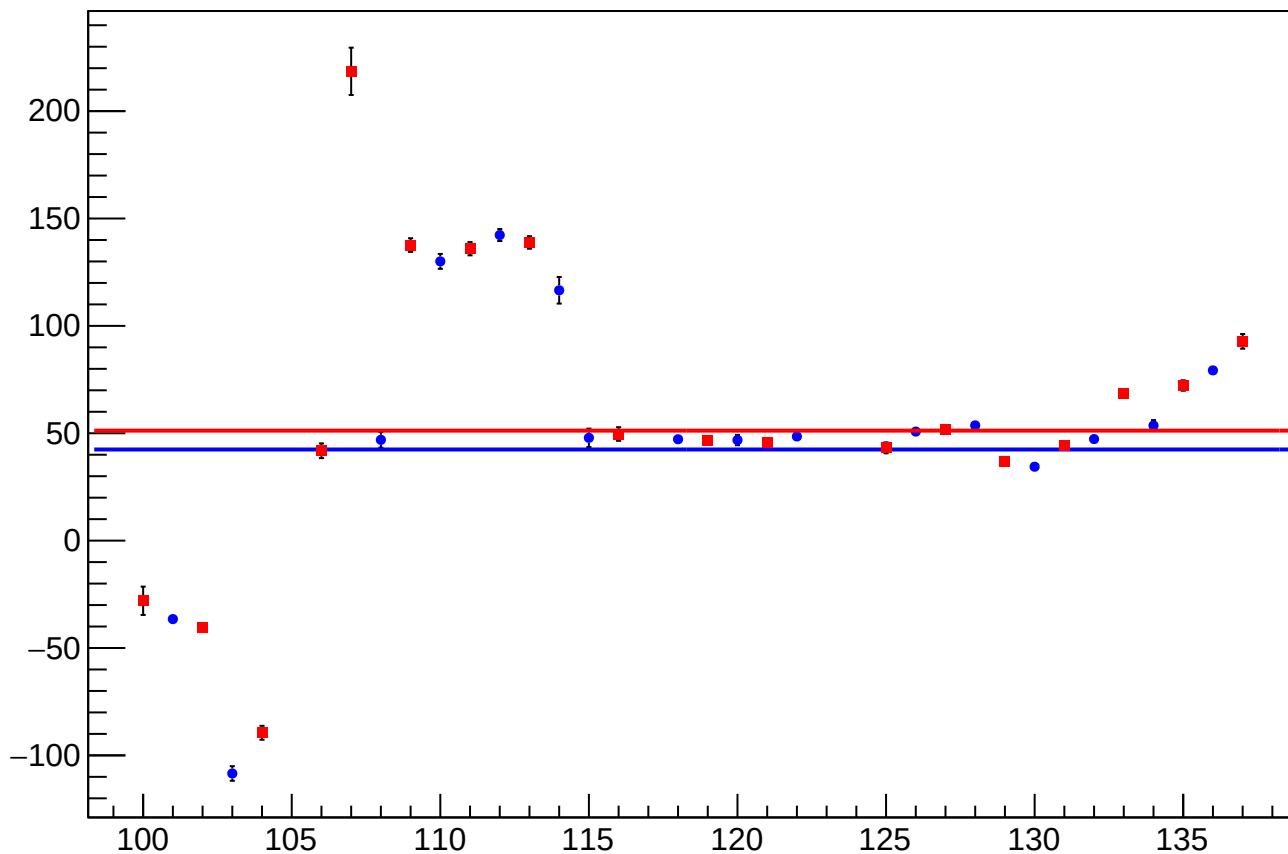
Right: 13.731+/-0.375 χ^2/NDF : 995.5/33

In: 12.860+/-0.519 χ^2/NDF : 625.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.731+/-0.375 χ^2/NDF : 995.5/33

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.437 $\pm$ 0.584 χ^2 /NDF: 7168.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.226 $\pm$ 0.615 χ^2 /NDF: 6611.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

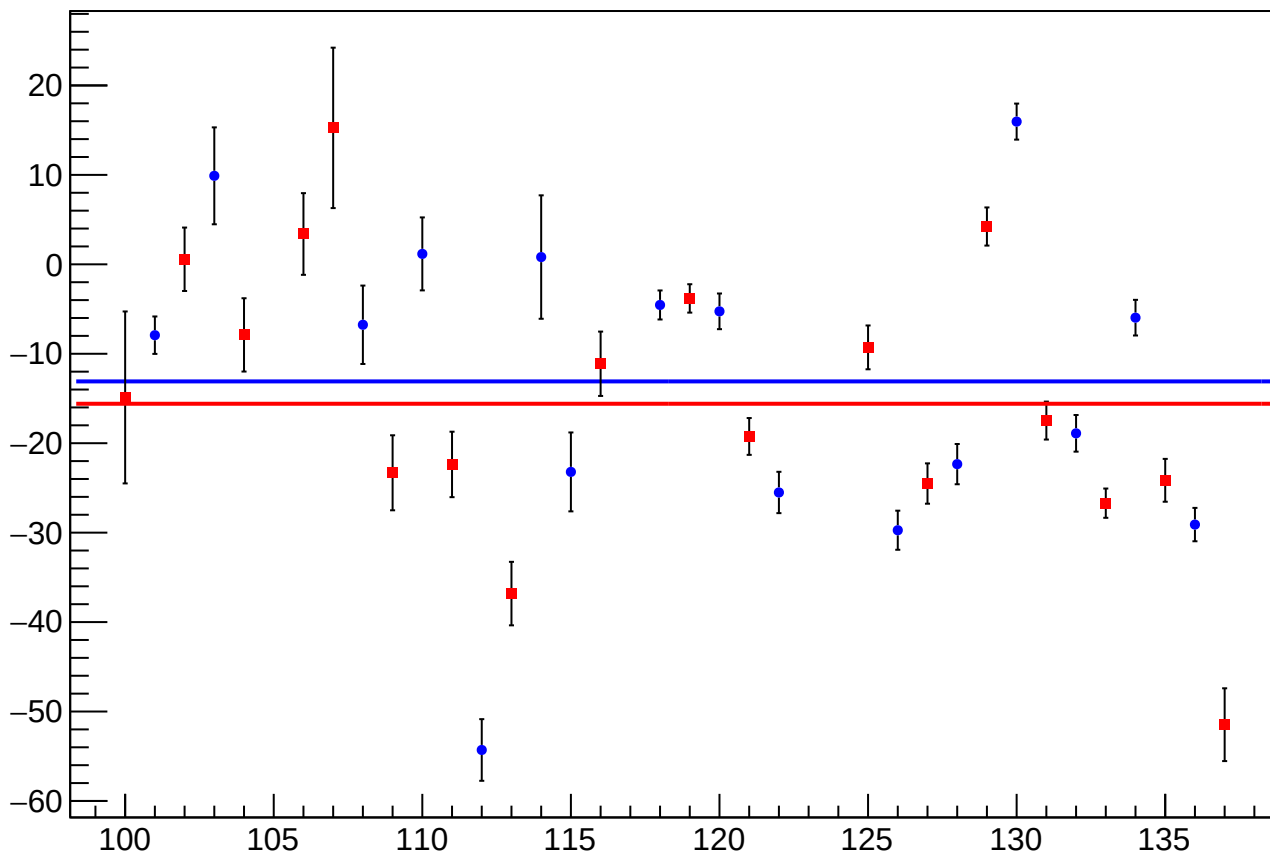
Right: 46.608 $\pm$ 0.424 χ^2 /NDF: 13887.6/33

In: 42.437 $\pm$ 0.584 χ^2 /NDF: 7168.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.608 $\pm$ 0.424 χ^2 /NDF: 13887.6/33

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -13.090 ± 0.600 χ^2/NDF : 639.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.589 ± 0.627 χ^2/NDF : 401.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

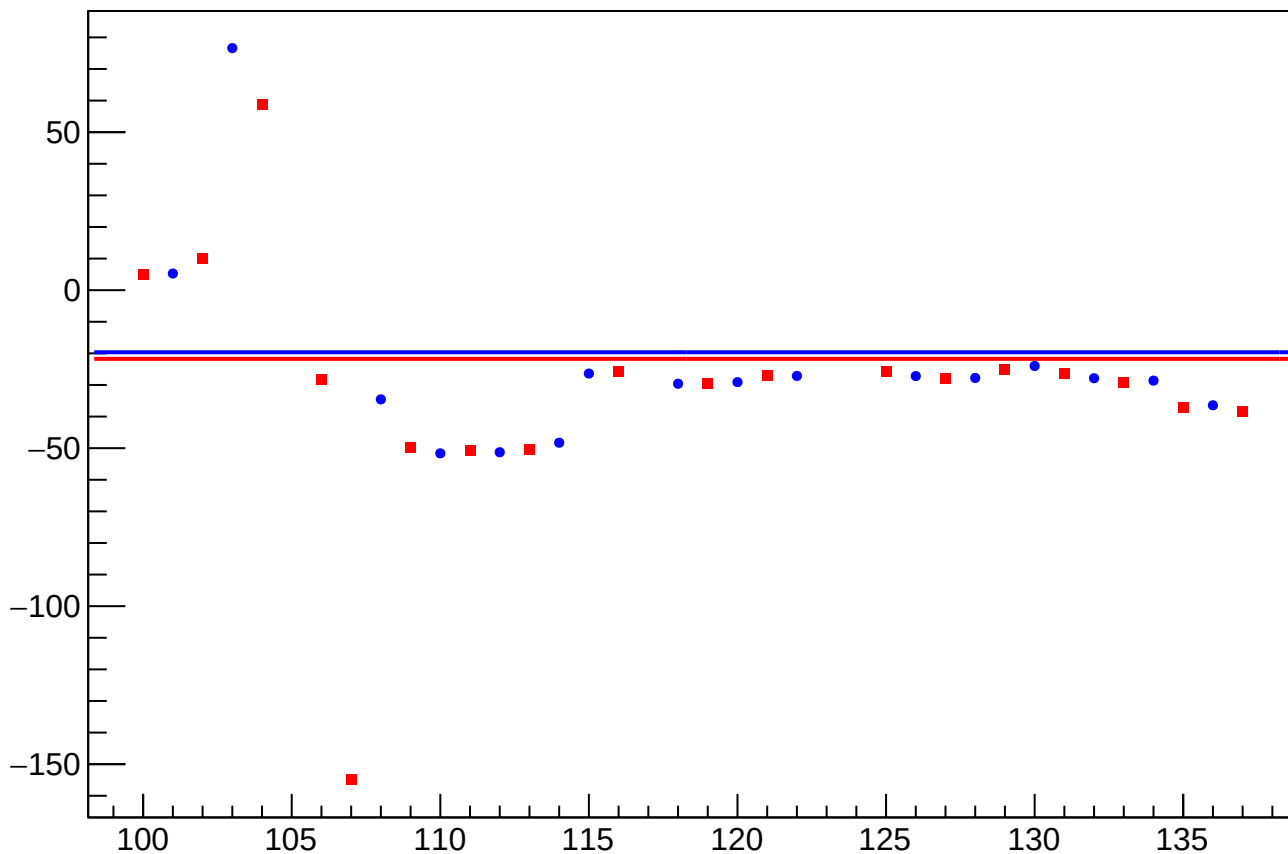
Right: -14.285 ± 0.433 χ^2/NDF : 1050.0/33

In: -13.090 ± 0.600 χ^2/NDF : 639.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.285 ± 0.433 χ^2/NDF : 1050.0/33

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.644 $\pm$ 0.036 χ^2 /NDF: 646925.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.730 $\pm$ 0.039 χ^2 /NDF: 546659.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

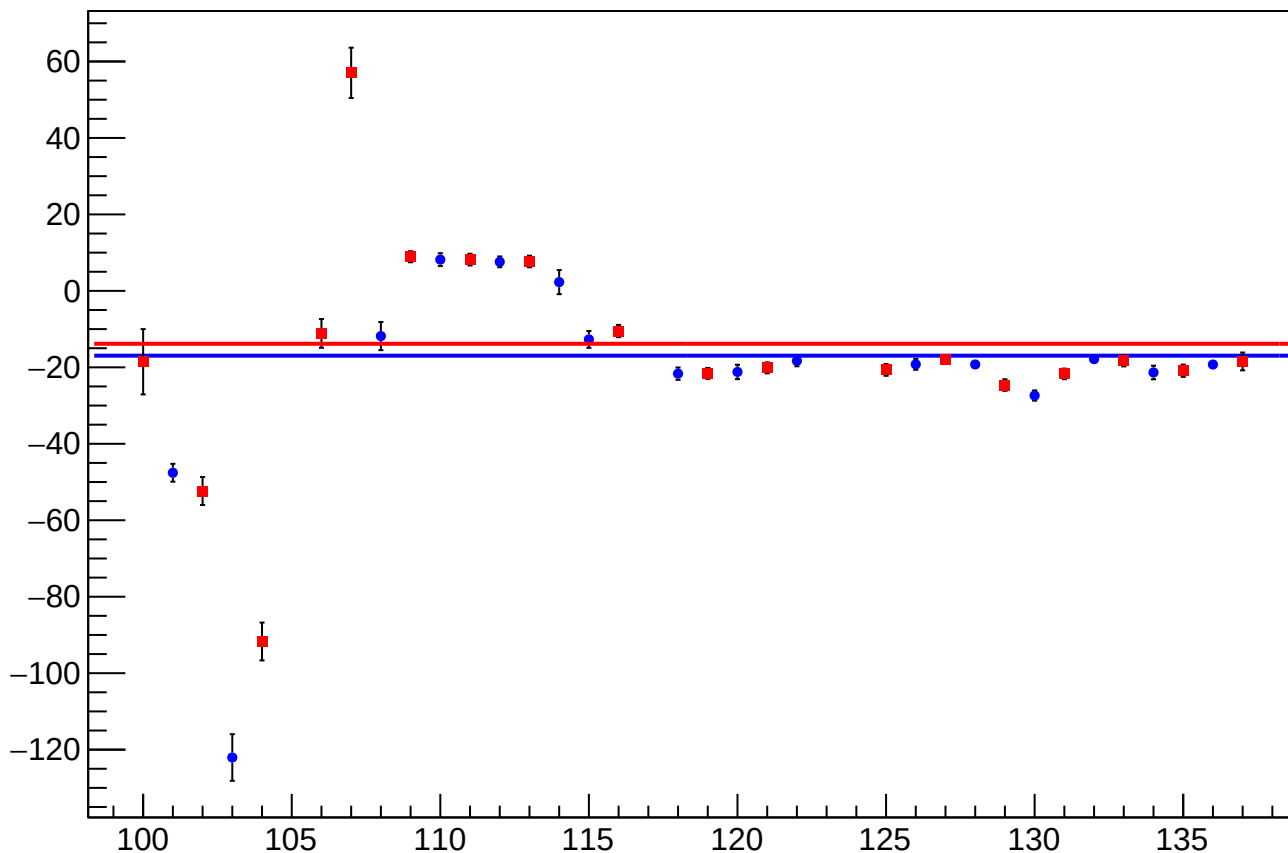
Right: -20.610 $\pm$ 0.026 χ^2 /NDF: 1195130.0/33

In: -19.644 $\pm$ 0.036 χ^2 /NDF:646925.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -20.610 $\pm$ 0.026 χ^2 /NDF: 1195130.0/33

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.949 ± 0.404 $\chi^2/\text{NDF}: 1128.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.837 ± 0.409 $\chi^2/\text{NDF}: 1333.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

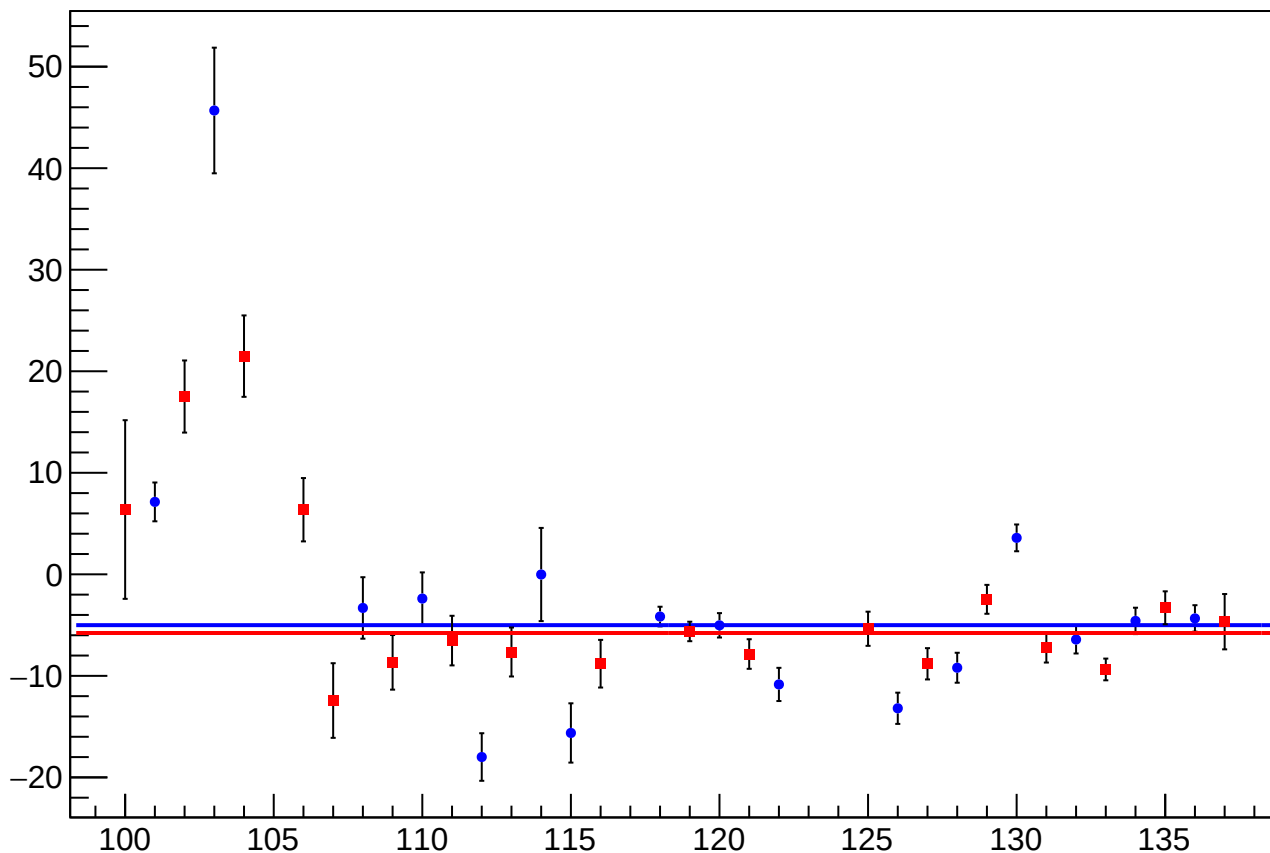
Right: -15.414 ± 0.287 $\chi^2/\text{NDF}: 2490.7/33$

In: -16.949 ± 0.404 $\chi^2/\text{NDF}: 1128.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.414 ± 0.287 $\chi^2/\text{NDF}: 2490.7/33$

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.006 $\pm$ 0.401 χ^2 /NDF: 247.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.779 $\pm$ 0.419 χ^2 /NDF: 139.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

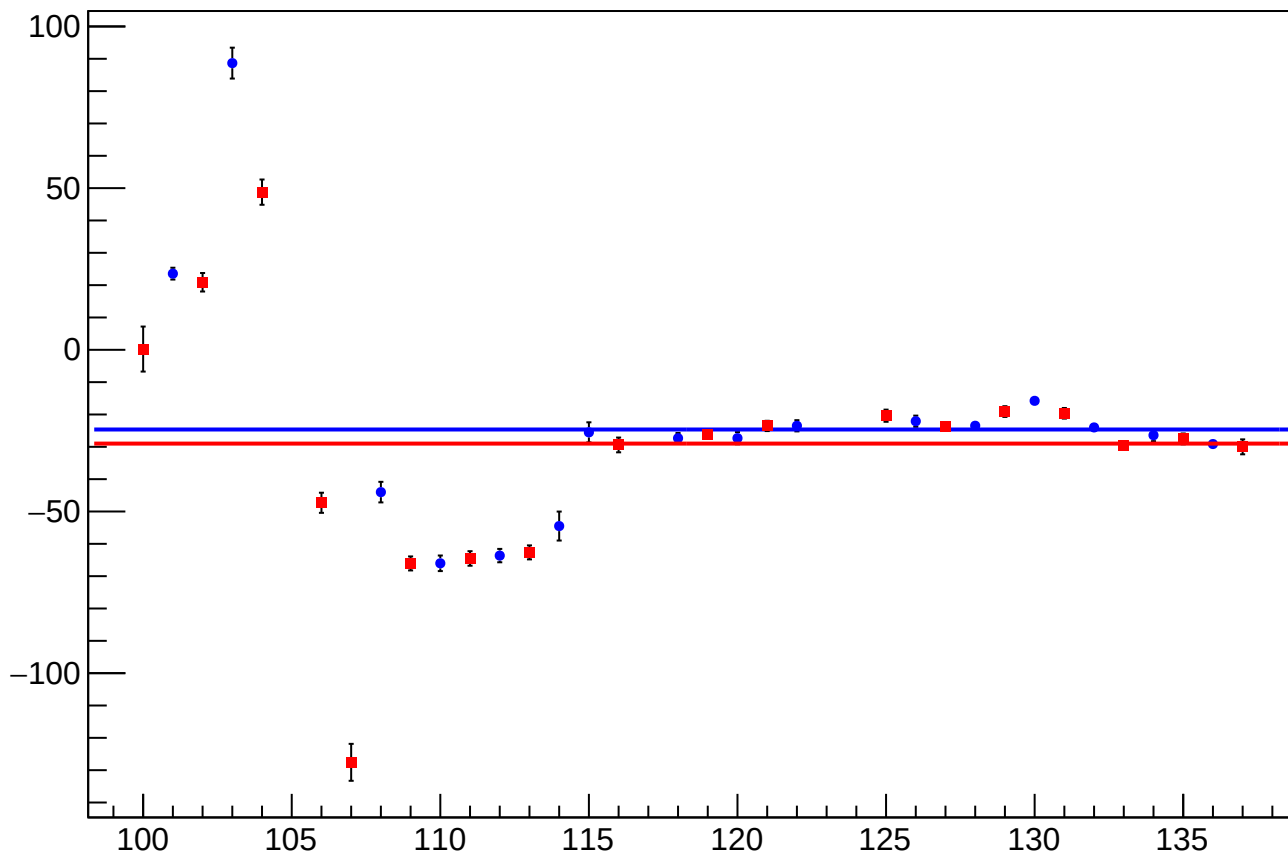
Right: -5.375 $\pm$ 0.290 χ^2 /NDF: 388.9/33

In: -5.006 $\pm$ 0.401 χ^2 /NDF:247.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -5.375 $\pm$ 0.290 χ^2 /NDF: 388.9/33

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -24.641 ± 0.455 χ^2/NDF : 2051.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.002 ± 0.475 χ^2/NDF : 1952.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

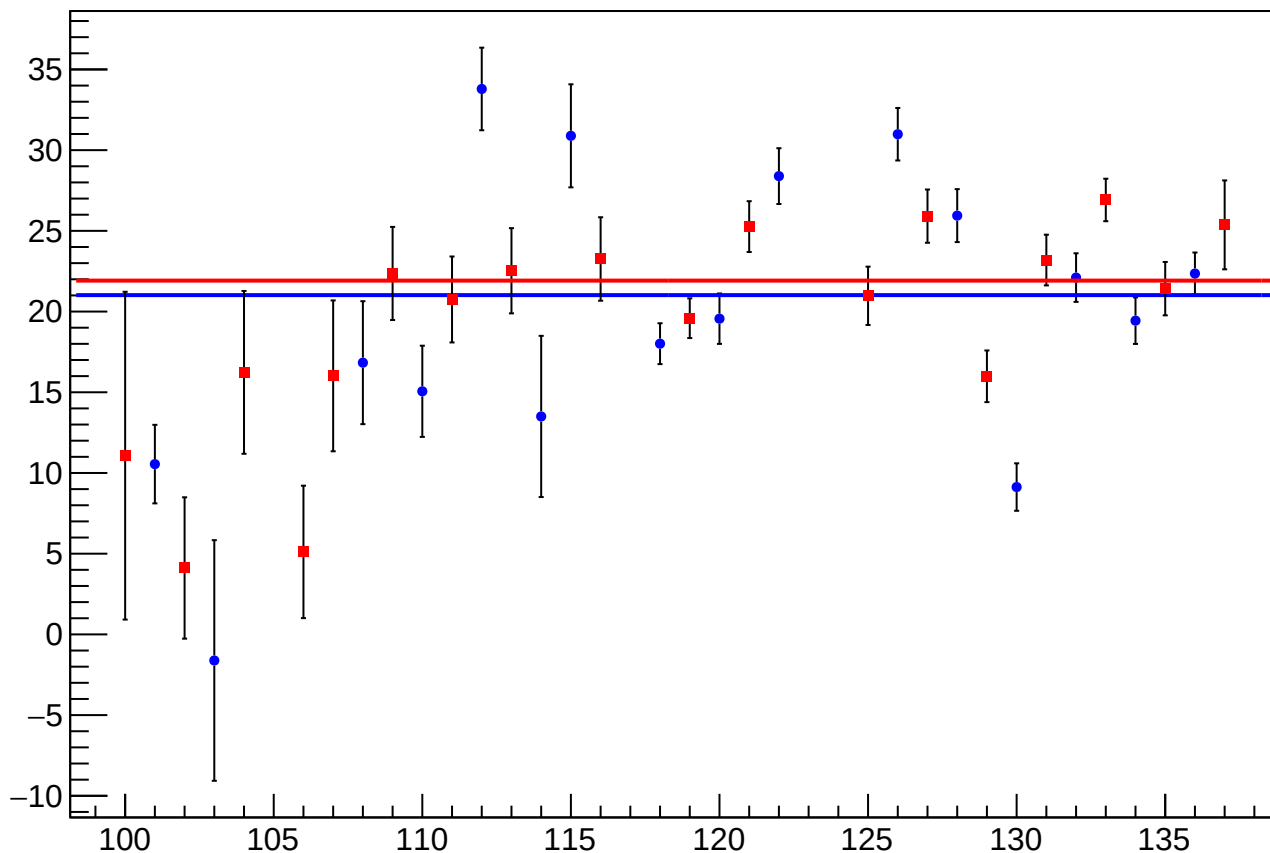
Right: -26.727 ± 0.329 χ^2/NDF : 4048.0/33

In: -24.641 ± 0.455 χ^2/NDF : 2051.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.727 ± 0.329 χ^2/NDF : 4048.0/33

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 21.019+/-0.458 χ^2/NDF : 209.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.918+/-0.478 χ^2/NDF : 82.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

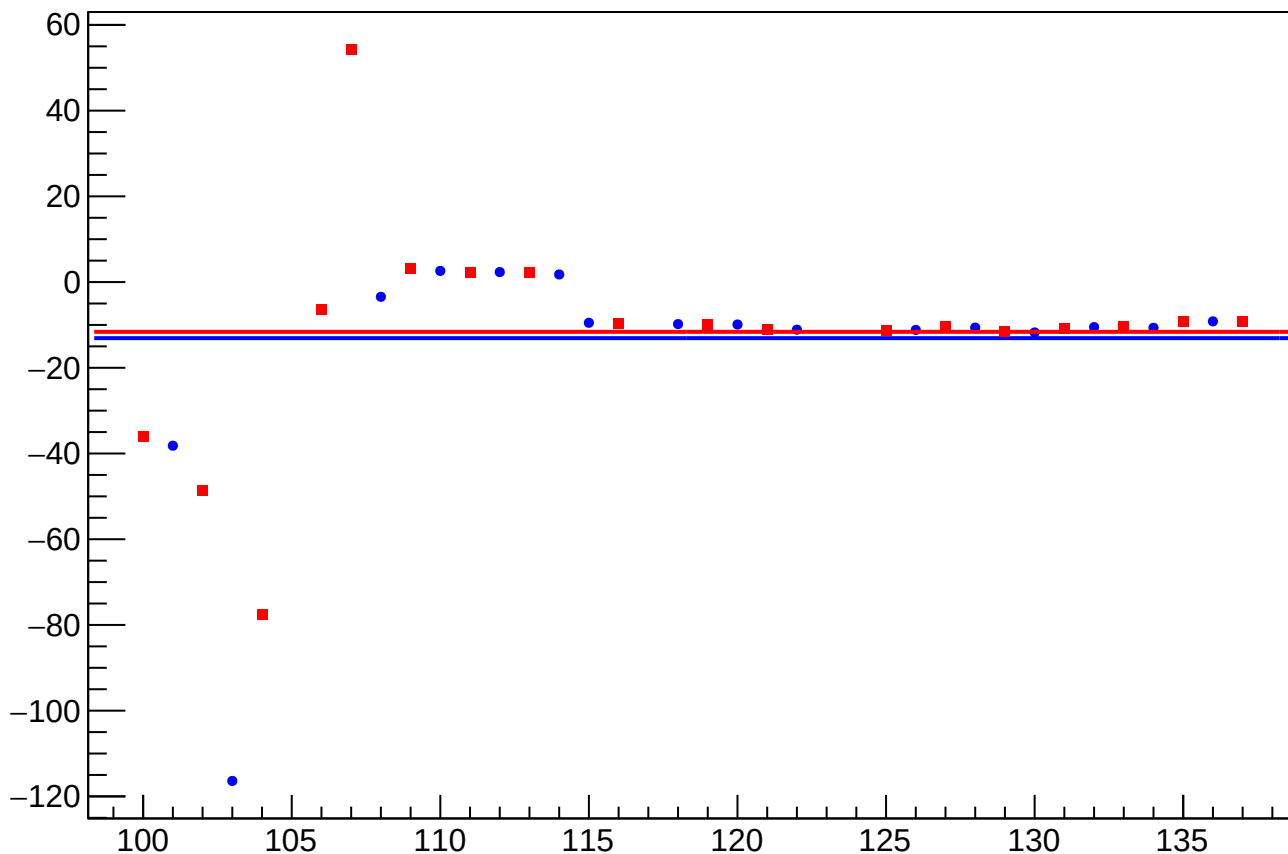
Right: 21.449+/-0.331 χ^2/NDF : 294.0/33

In: 21.019+/-0.458 χ^2/NDF : 209.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.449+/-0.331 χ^2/NDF : 294.0/33

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.086 $\pm$ 0.028 χ^2 /NDF: 344941.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.610 $\pm$ 0.031 χ^2 /NDF: 314183.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

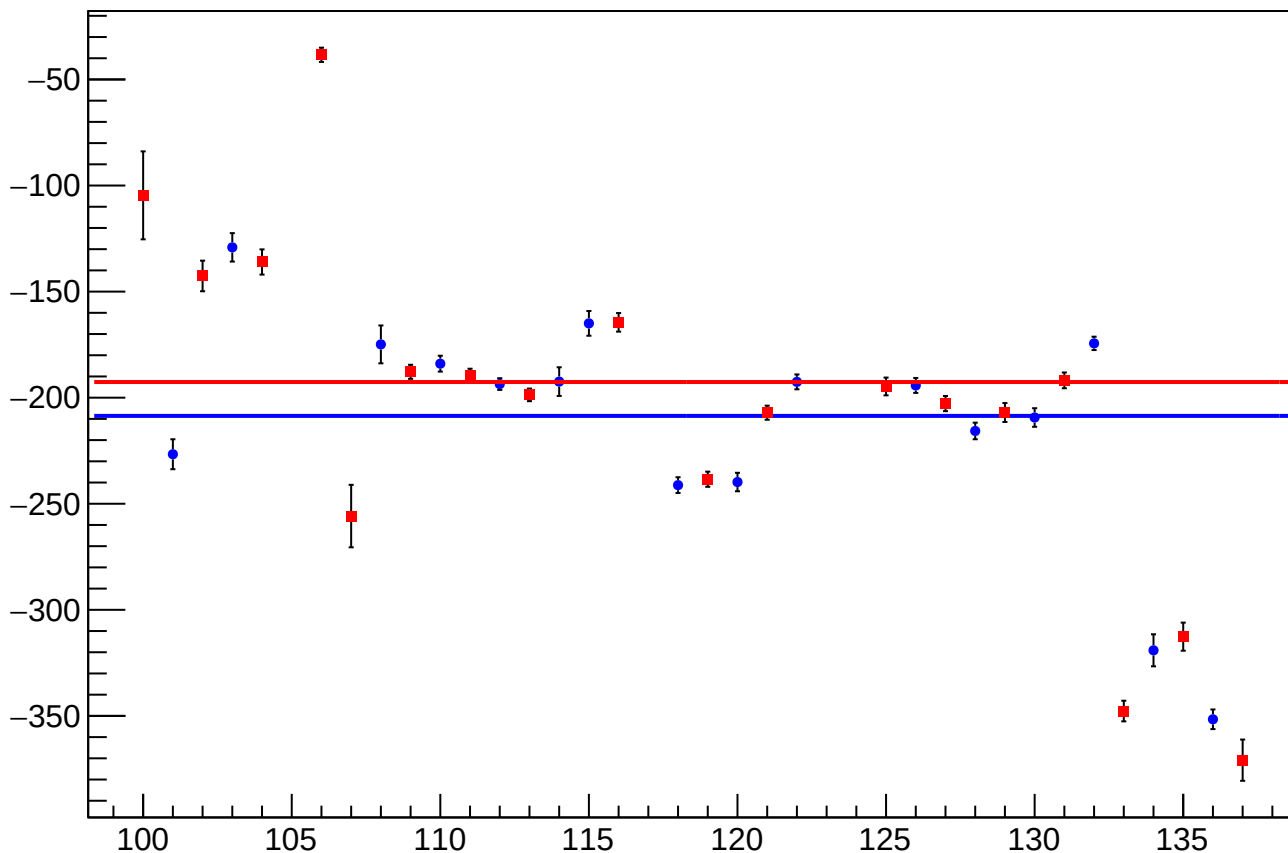
Right: -12.409 $\pm$ 0.021 χ^2 /NDF: 660362.1/33

In: -13.086 $\pm$ 0.028 χ^2 /NDF:344941.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -12.409 $\pm$ 0.021 χ^2 /NDF: 660362.1/33

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -208.586 ± 1.067 χ^2/NDF : 1751.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -192.617 ± 0.999 χ^2/NDF : 4207.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

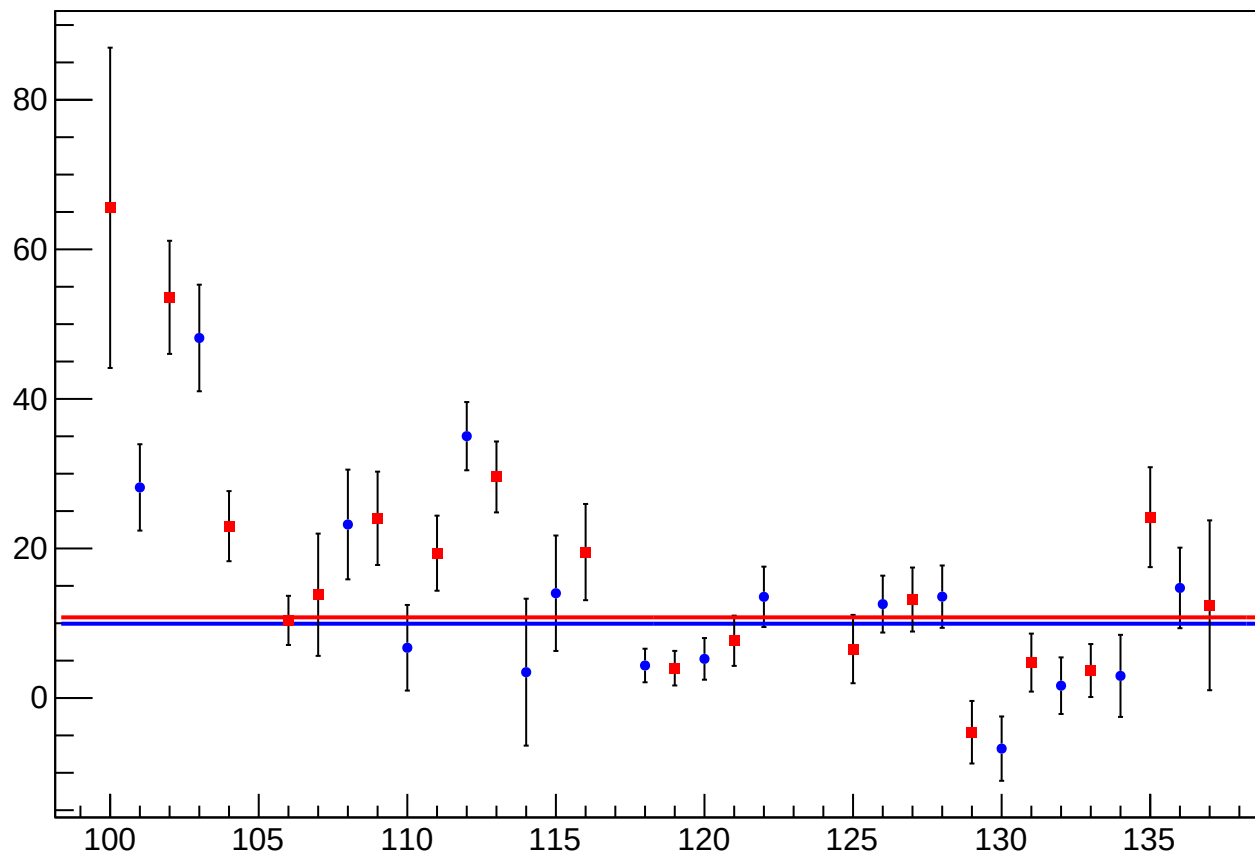
Right: -200.079 ± 0.729 χ^2/NDF : 6077.7/33

In: -208.586 ± 1.067 χ^2/NDF : 1751.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -200.079 ± 0.729 χ^2/NDF : 6077.7/33

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.938 $\pm$ 1.065 χ^2 /NDF: 106.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 10.788 $\pm$ 1.044 χ^2 /NDF: 105.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

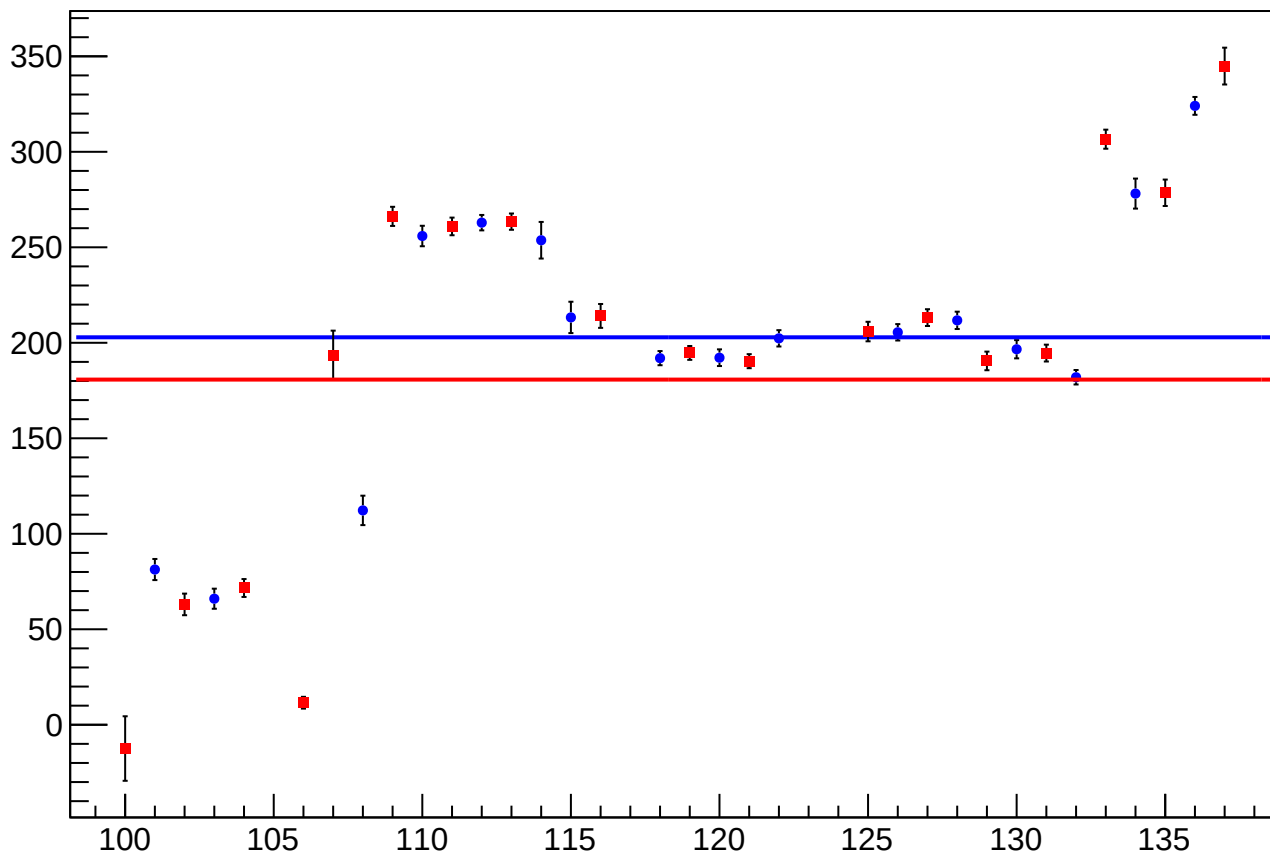
Right: 10.372 $\pm$ 0.746 χ^2 /NDF: 212.0/33

In: 9.938 $\pm$ 1.065 χ^2 /NDF:106.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 10.372 $\pm$ 0.746 χ^2 /NDF: 212.0/33

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 202.874+/-1.226 χ^2/NDF : 2464.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.731+/-1.144 χ^2/NDF : 6347.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

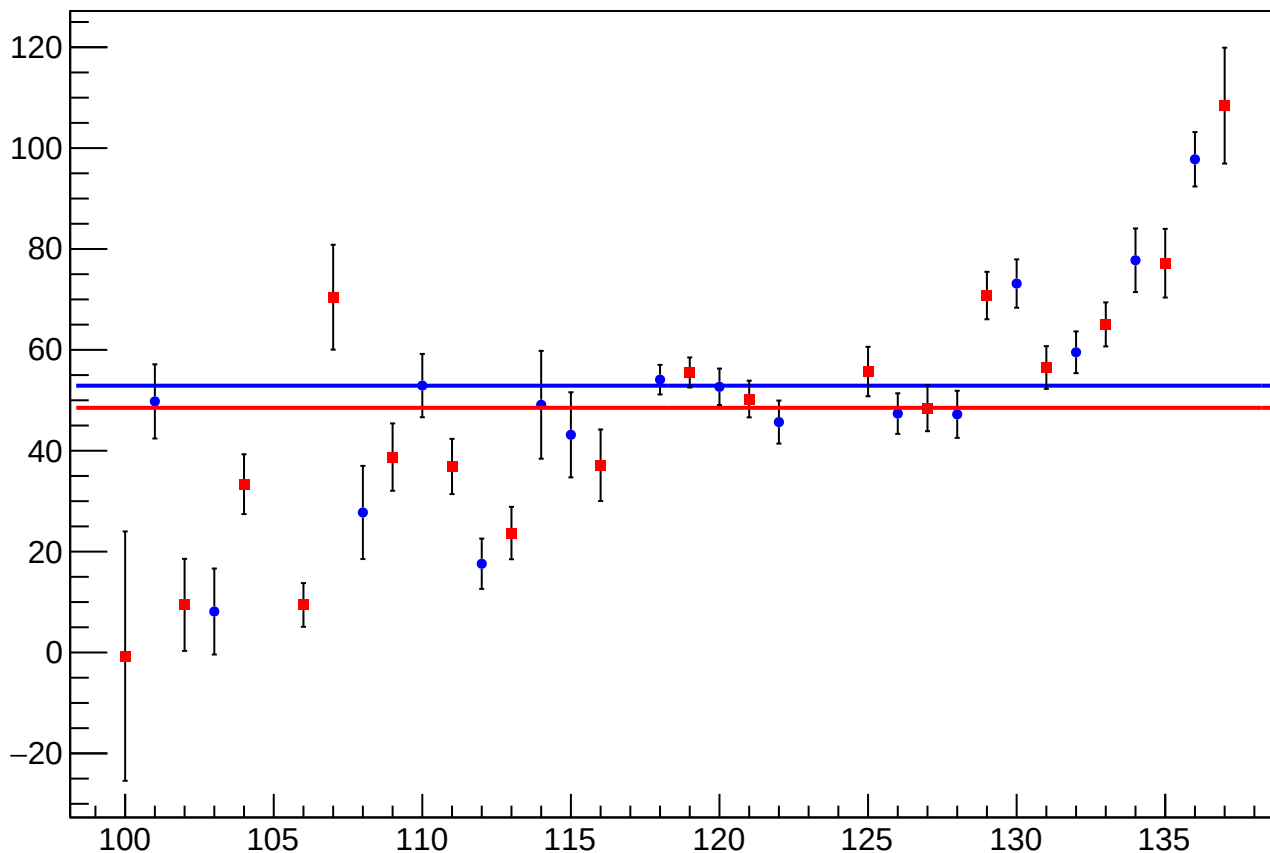
Right: 191.037+/-0.836 χ^2/NDF : 8986.6/33

In: 202.874+/-1.226 χ^2/NDF : 2464.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.037+/-0.836 χ^2/NDF : 8986.6/33

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.899 $\pm$ 1.242 χ^2 /NDF: 198.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 48.510 $\pm$ 1.214 χ^2 /NDF: 240.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

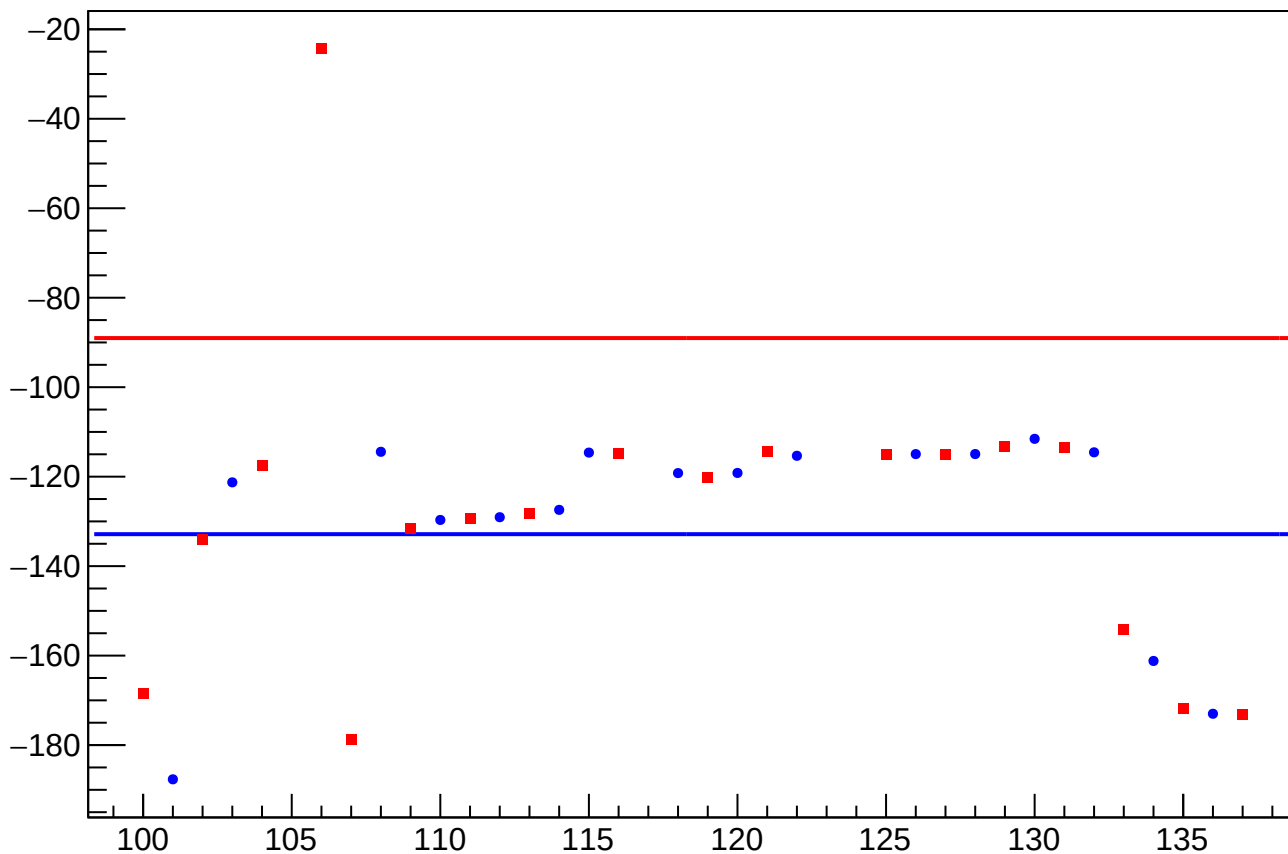
Right: 50.656 $\pm$ 0.868 χ^2 /NDF: 444.7/33

In: 52.899 $\pm$ 1.242 χ^2 /NDF: 198.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.656 $\pm$ 0.868 χ^2 /NDF: 444.7/33

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -132.856+/-0.081 χ^2/NDF : 93497.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -89.020+/-0.064 χ^2/NDF : 728110.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

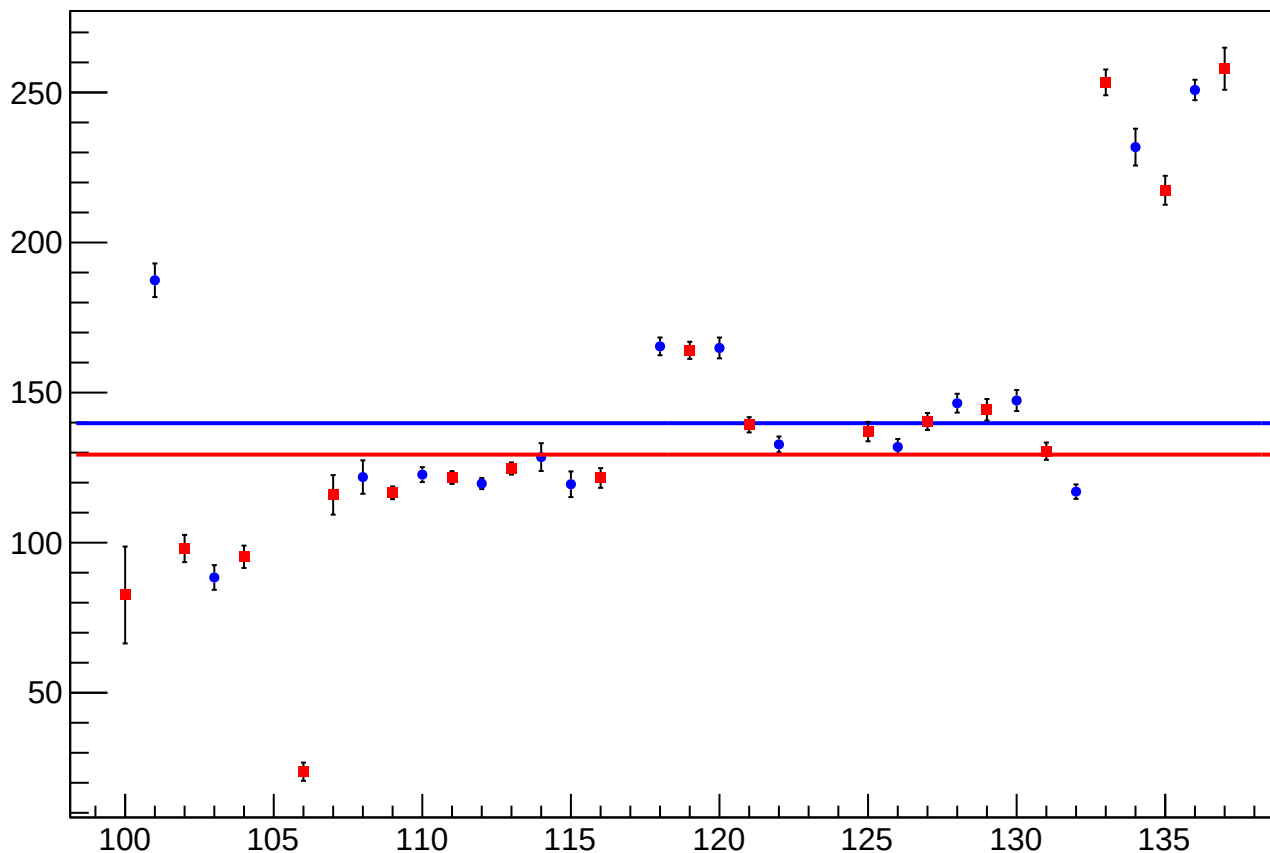
Right: -105.832+/-0.050 χ^2/NDF : 1000593.4/33

In: -132.856+/-0.081 χ^2/NDF : 93497.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -105.832+/-0.050 χ^2/NDF : 1000593.4/33

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 139.810 $\pm$ 0.785 χ^2 /NDF: 1964.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 129.344 $\pm$ 0.734 χ^2 /NDF: 3123.5/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

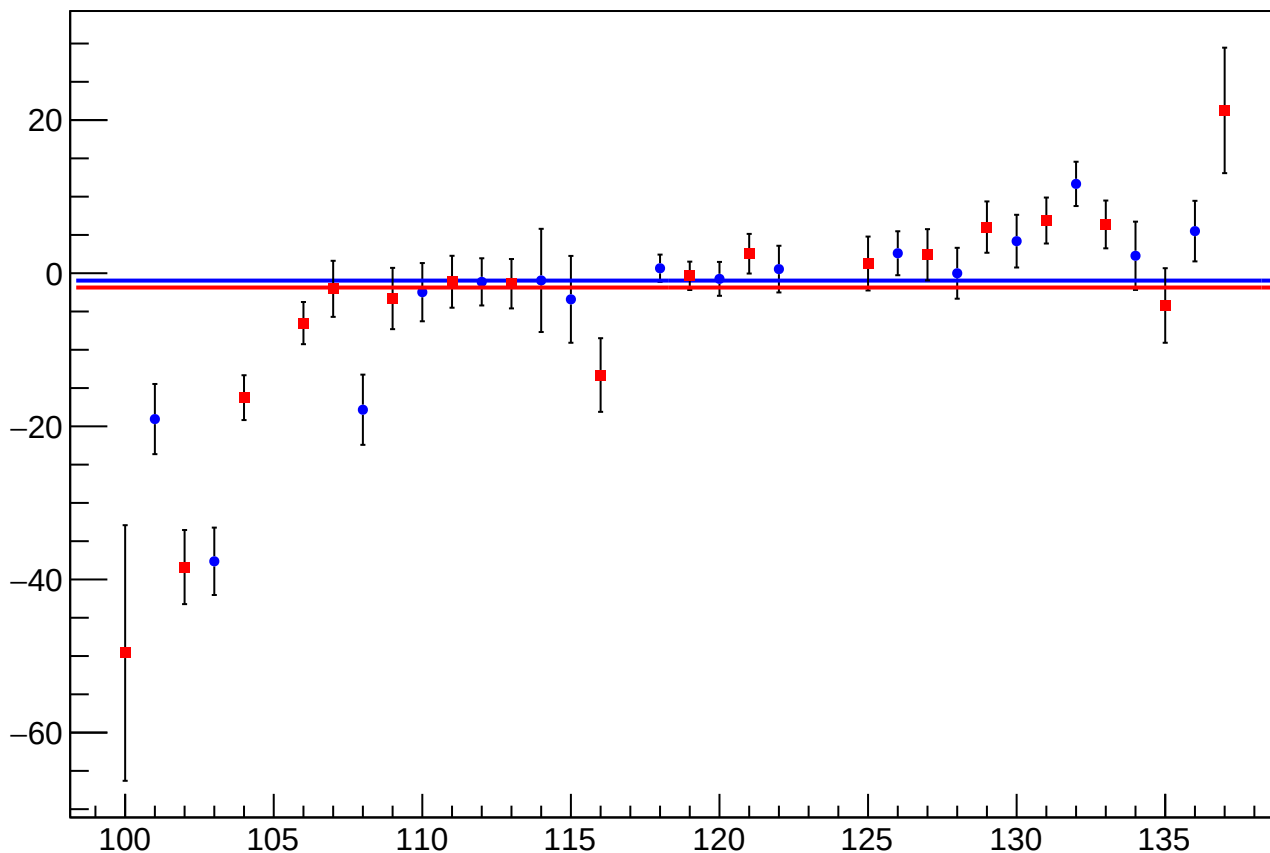
Right: 134.231 $\pm$ 0.536 χ^2 /NDF: 5183.3/33

In: 139.810 $\pm$ 0.785 χ^2 /NDF:1964.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 134.231 $\pm$ 0.536 χ^2 /NDF: 5183.3/33

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.963+/-0.808 χ^2/NDF : 126.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.869+/-0.784 χ^2/NDF : 133.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

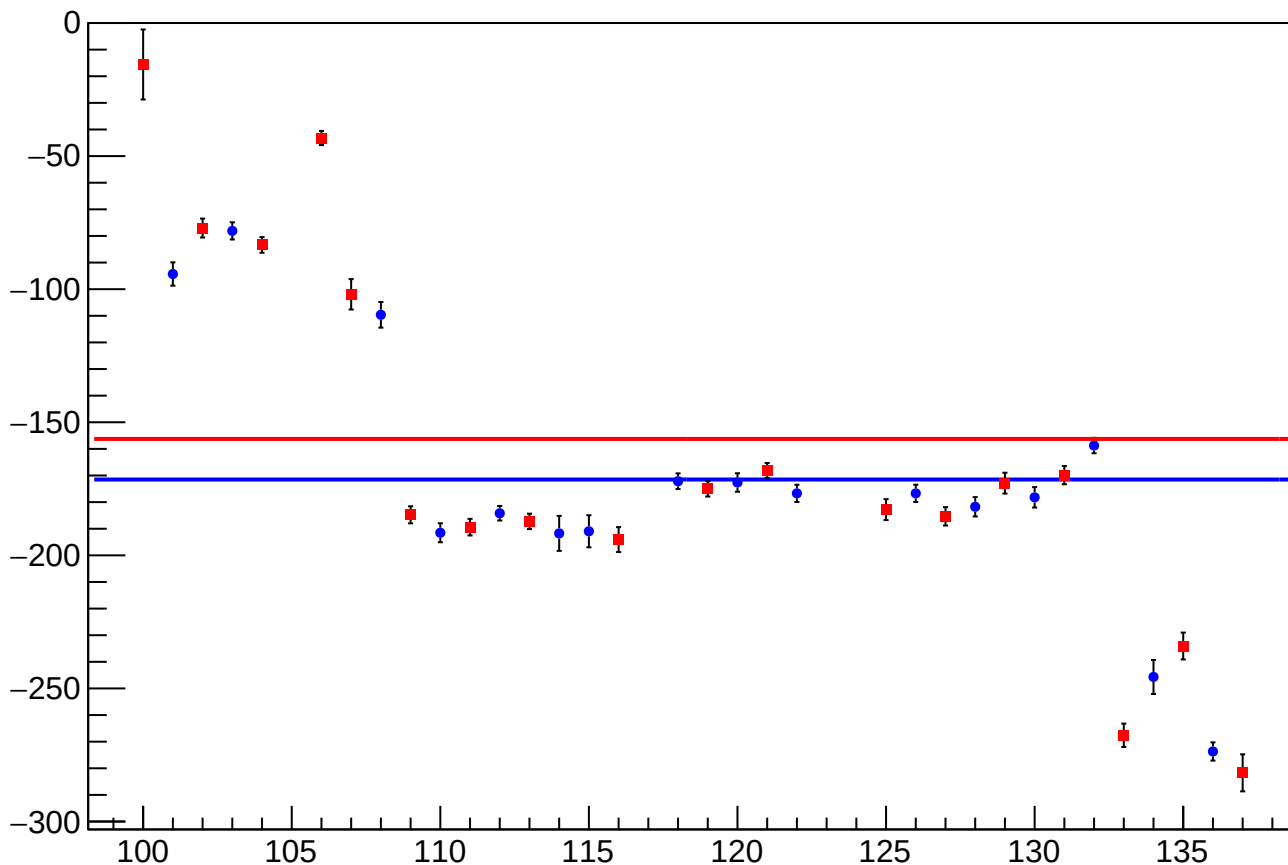
Right: -1.430+/-0.563 χ^2/NDF : 259.9/33

In: -0.963+/-0.808 χ^2/NDF : 126.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.430+/-0.563 χ^2/NDF : 259.9/33

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -171.506 ± 0.907 χ^2/NDF : 2442.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -156.260 ± 0.847 χ^2/NDF : 4904.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

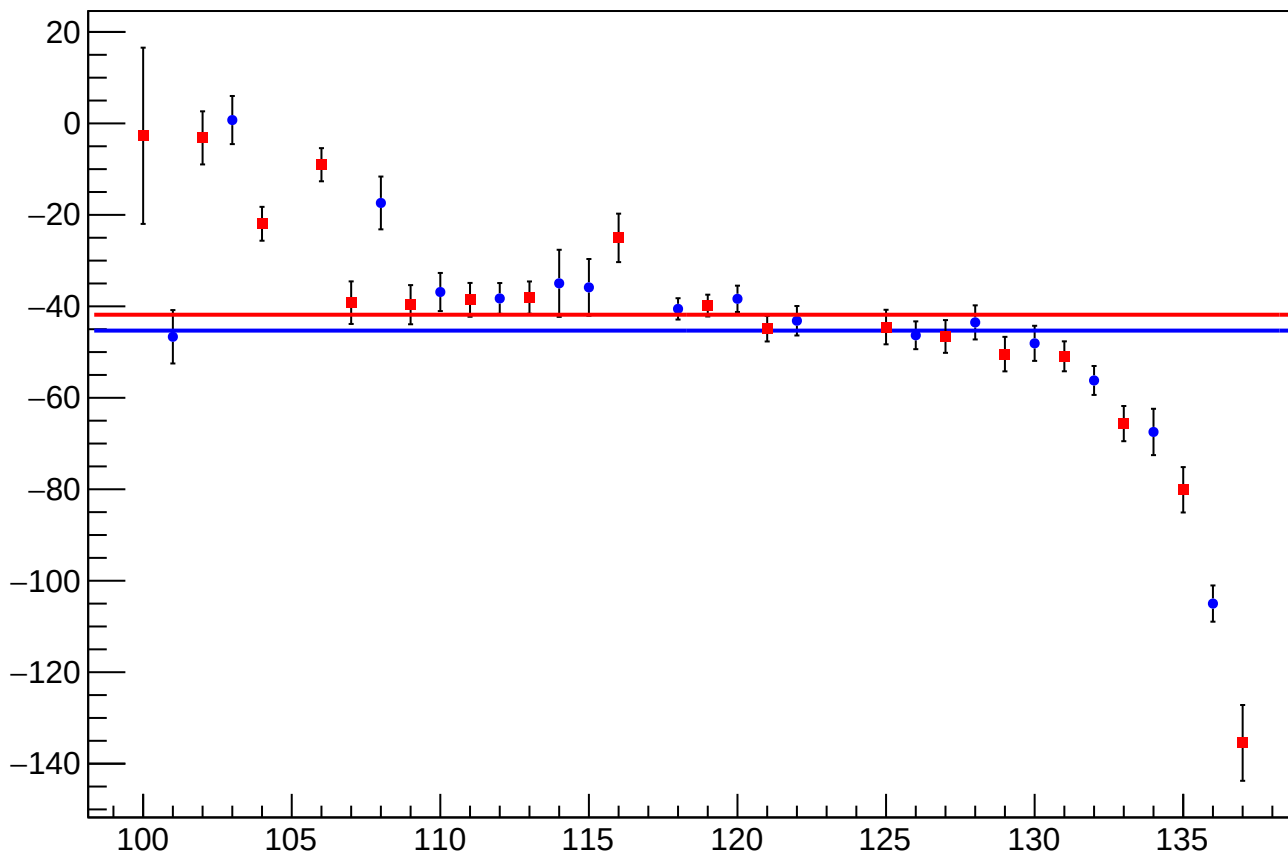
Right: -163.367 ± 0.619 χ^2/NDF : 7498.1/33

In: -171.506 ± 0.907 χ^2/NDF : 2442.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -163.367 ± 0.619 χ^2/NDF : 7498.1/33

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -45.304 ± 0.938 χ^2/NDF : 382.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.832 ± 0.909 χ^2/NDF : 414.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

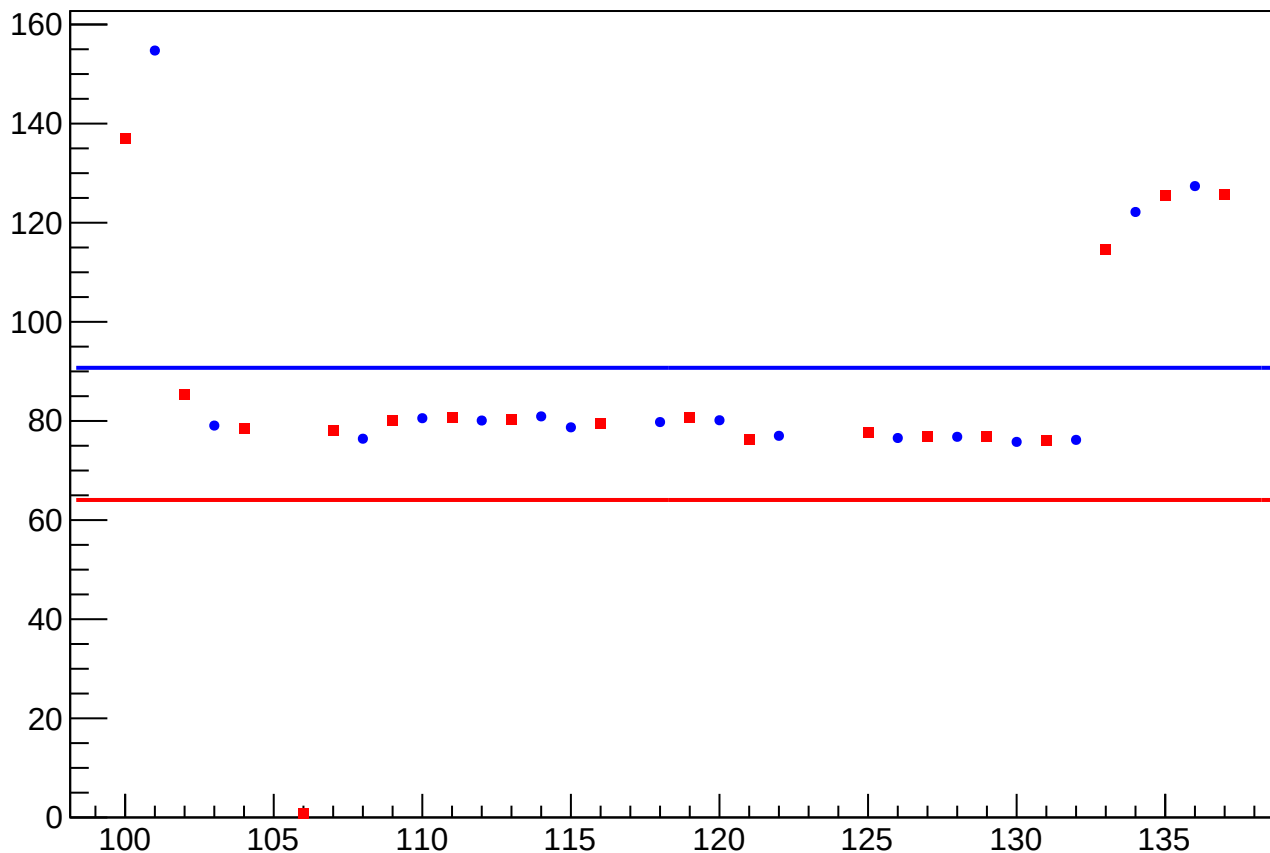
Right: -43.515 ± 0.653 χ^2/NDF : 803.4/33

In: -45.304 ± 0.938 χ^2/NDF : 382.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.515 ± 0.653 χ^2/NDF : 803.4/33

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 90.726+/-0.058 χ^2/NDF : 161153.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.059+/-0.049 χ^2/NDF : 660935.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

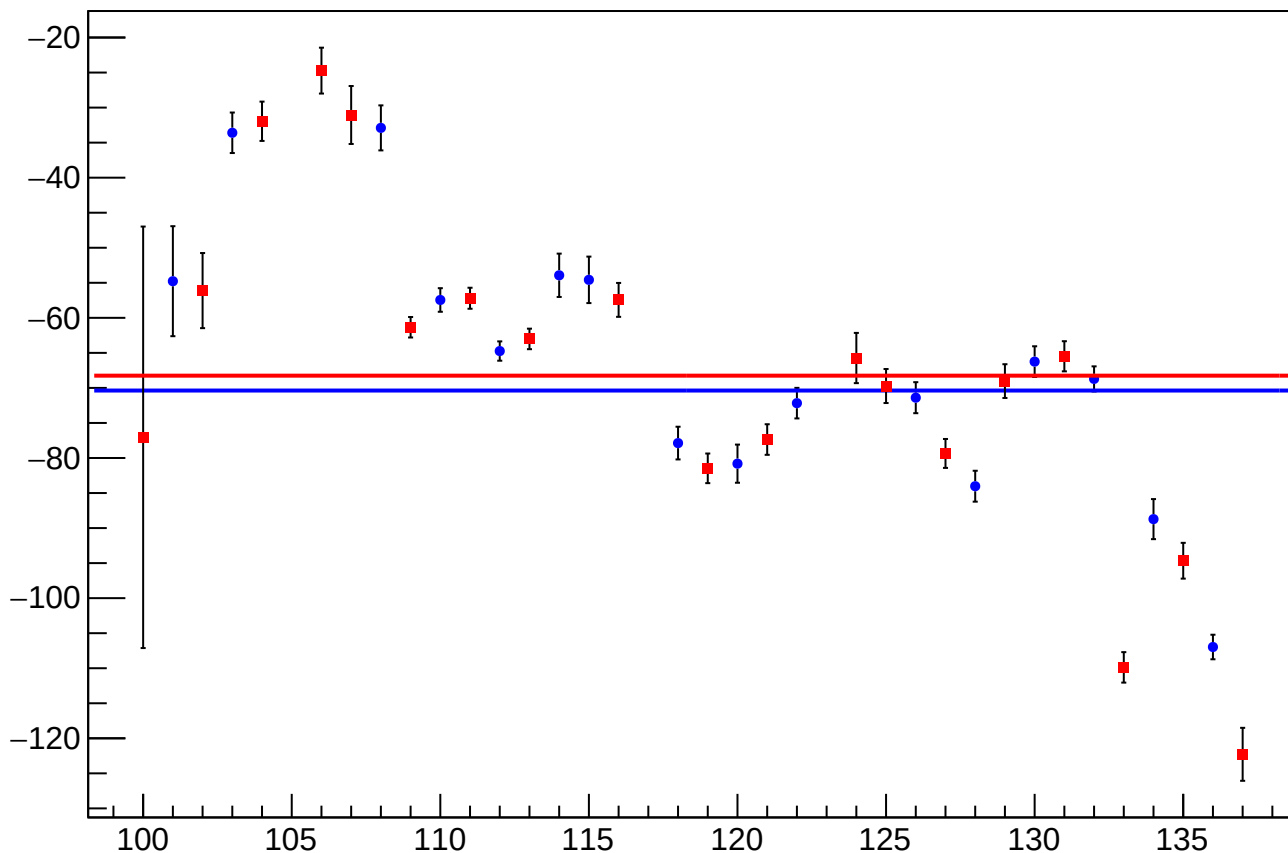
Right: 75.136+/-0.038 χ^2/NDF : 943639.1/33

In: 90.726+/-0.058 χ^2/NDF : 161153.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.136+/-0.038 χ^2/NDF : 943639.1/33

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -70.374 $\pm$ 0.558 χ^2 /NDF: 974.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -68.252 $\pm$ 0.527 χ^2 /NDF: 1306.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

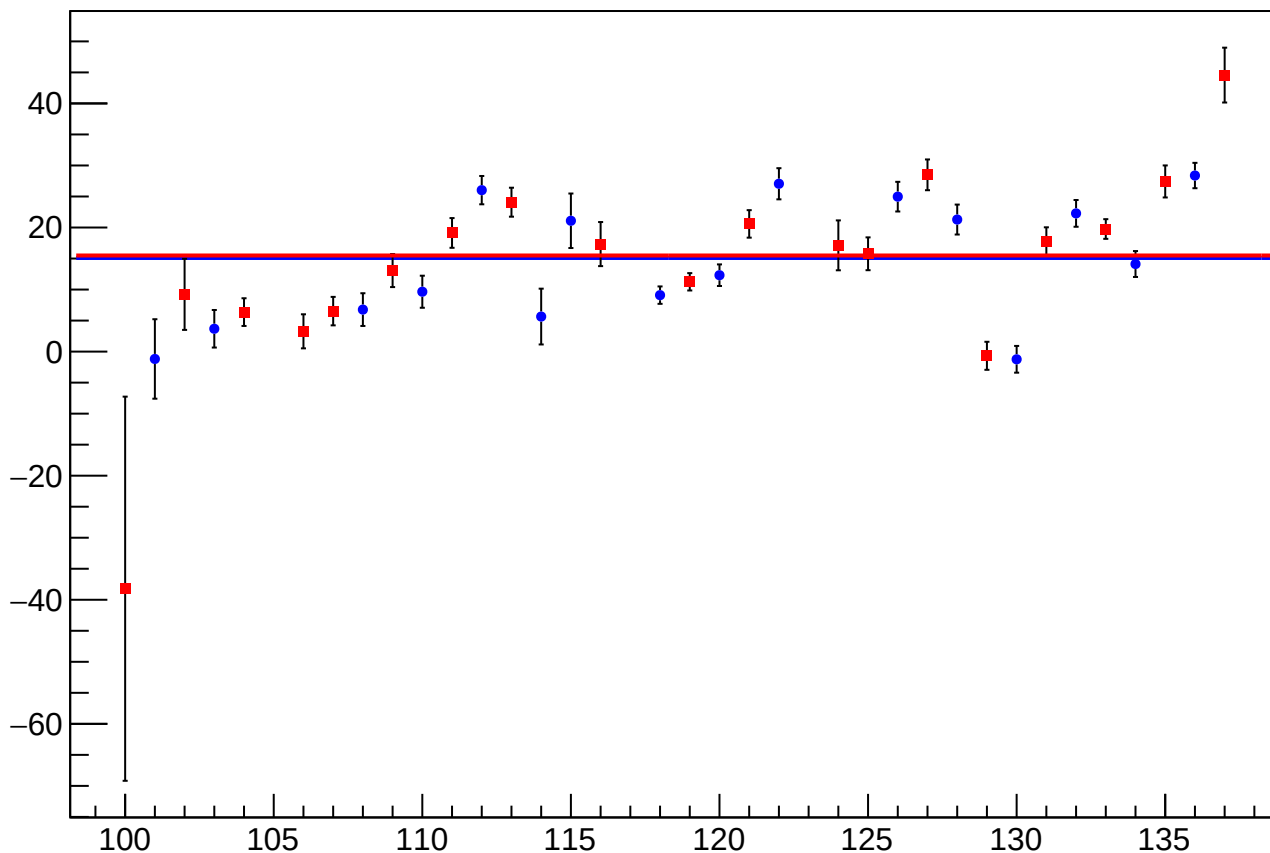
Right: -69.252 $\pm$ 0.383 χ^2 /NDF: 2288.5/34

In: -70.374 $\pm$ 0.558 χ^2 /NDF:974.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -69.252 $\pm$ 0.383 χ^2 /NDF: 2288.5/34

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 15.092+/-0.581 χ^2/NDF : 242.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.491+/-0.558 χ^2/NDF : 239.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

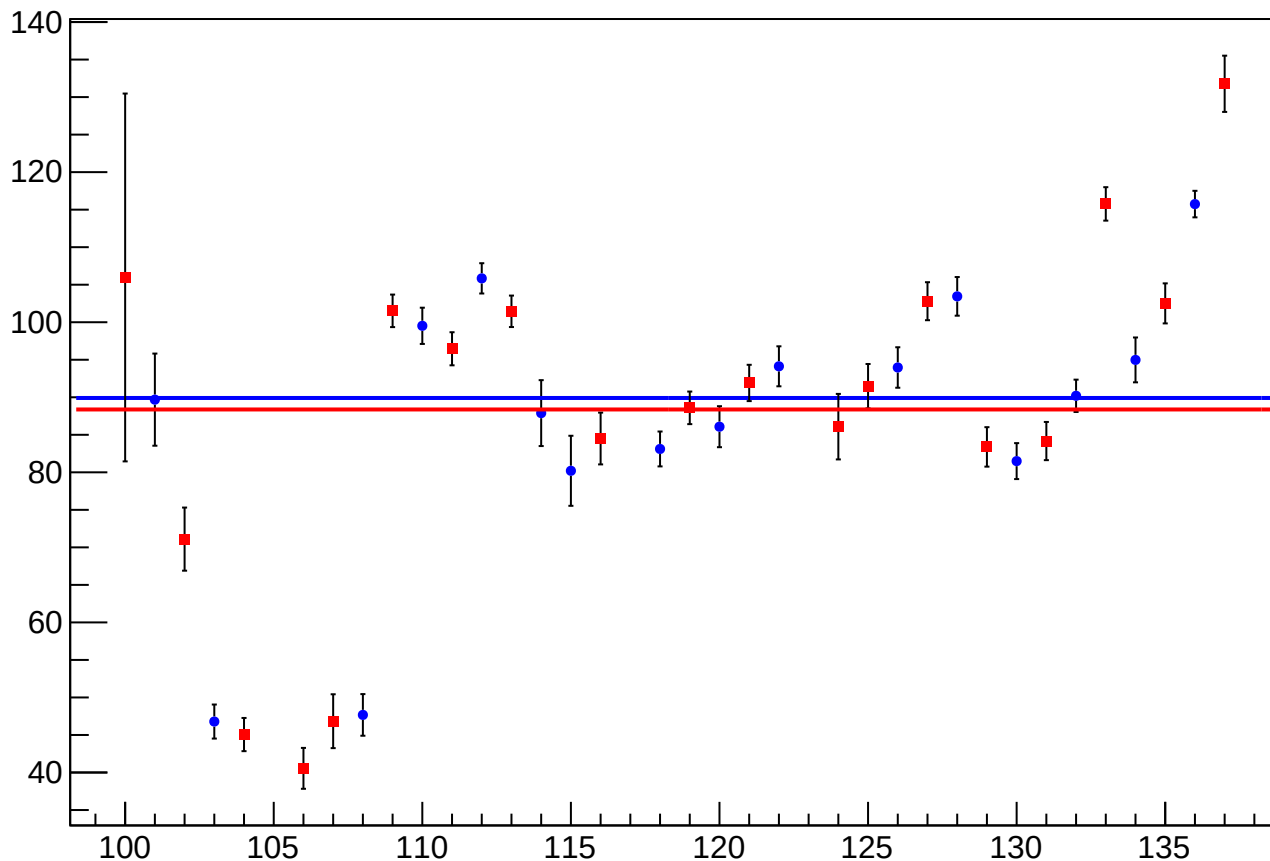
Right: 15.300+/-0.402 χ^2/NDF : 482.0/34

In: 15.092+/-0.581 χ^2/NDF : 242.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.300+/-0.402 χ^2/NDF : 482.0/34

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.907+/-0.641 χ^2 /NDF: 947.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 88.375+/-0.617 χ^2 /NDF: 1288.9/18

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

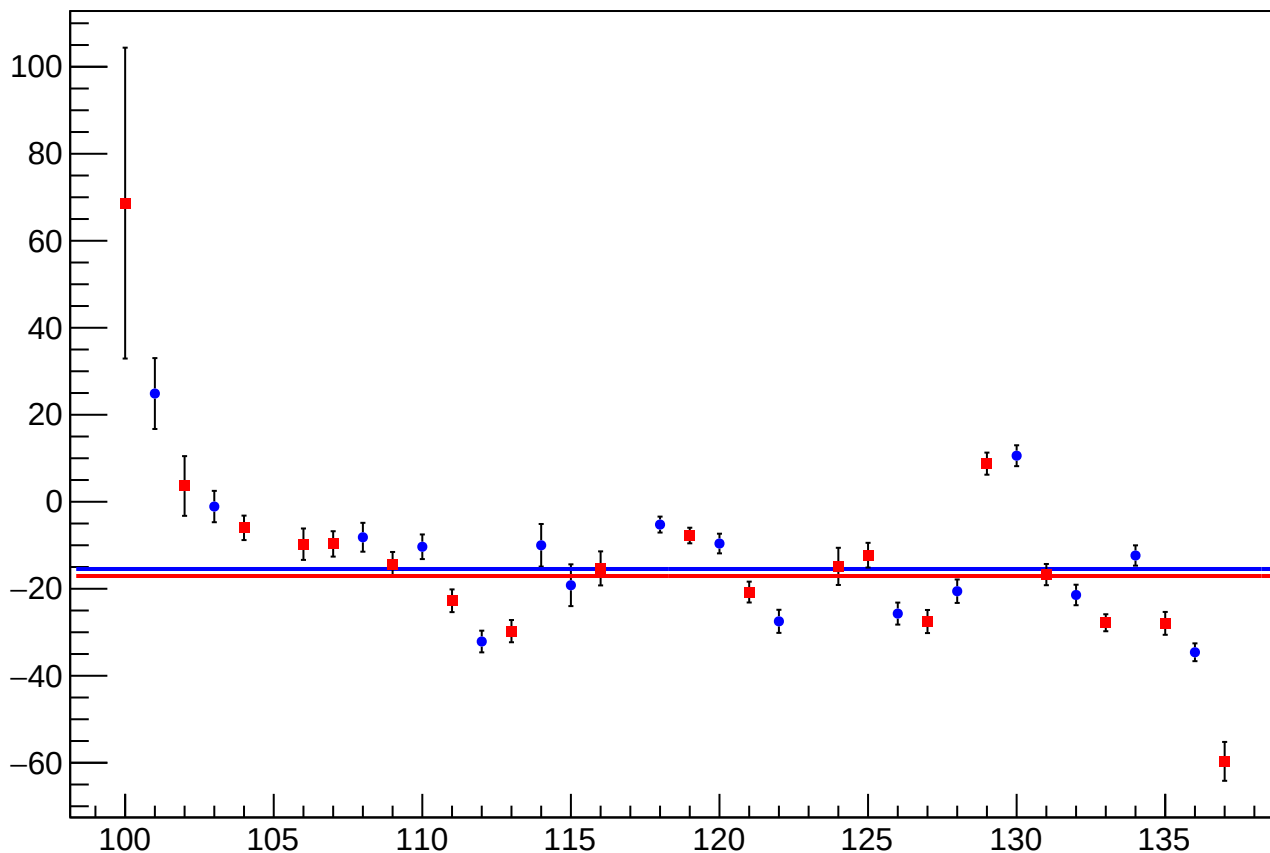
Right: 89.113+/-0.445 χ^2 /NDF: 2239.5/34

In: 89.907+/-0.641 χ^2 /NDF:947.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 89.113+/-0.445 χ^2 /NDF: 2239.5/34

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.454+/-0.665 χ^2/NDF : 386.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -17.066+/-0.644 χ^2/NDF : 361.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

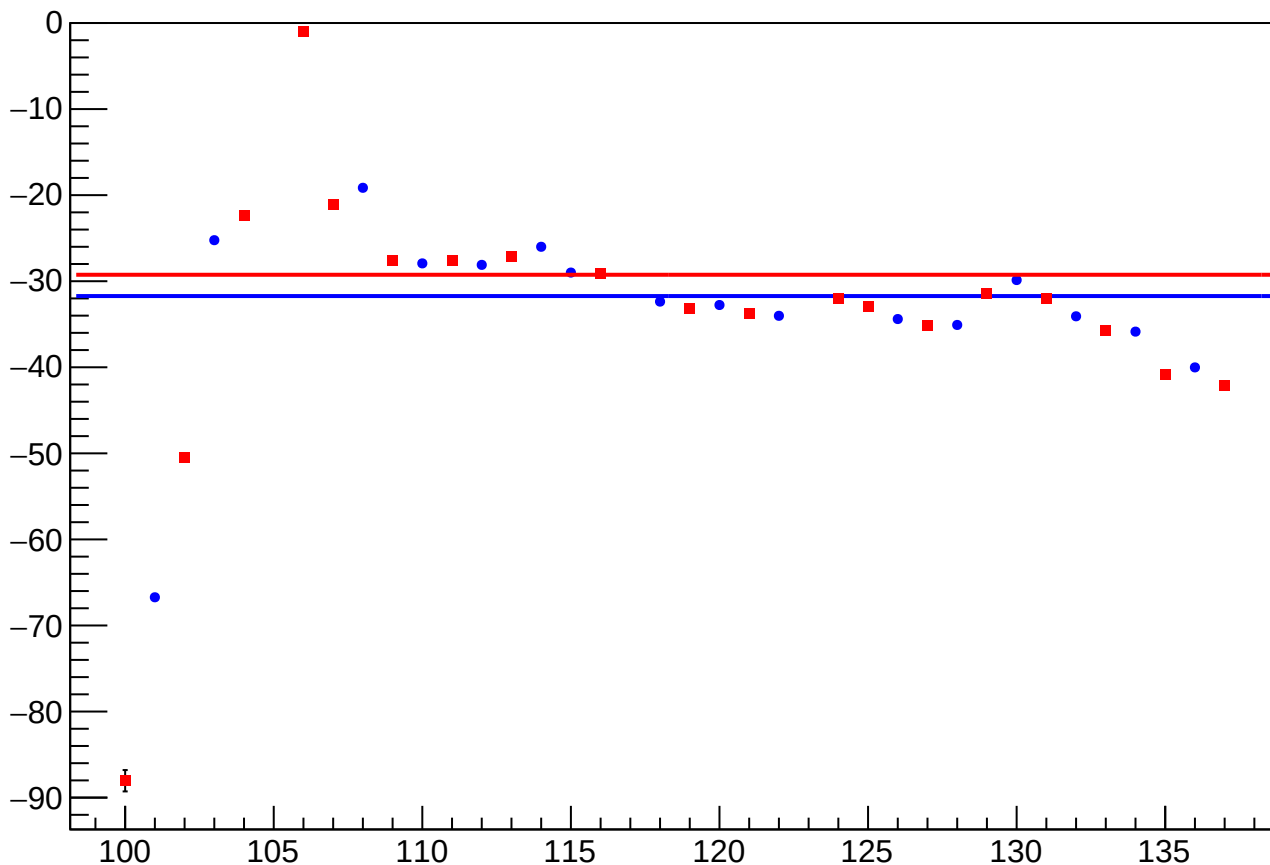
Right: -16.287+/-0.463 χ^2/NDF : 750.5/34

In: -15.454+/-0.665 χ^2/NDF :386.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -16.287+/-0.463 χ^2/NDF : 750.5/34

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -31.725+/-0.039 χ^2/NDF : 39636.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.250+/-0.038 χ^2/NDF : 95235.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

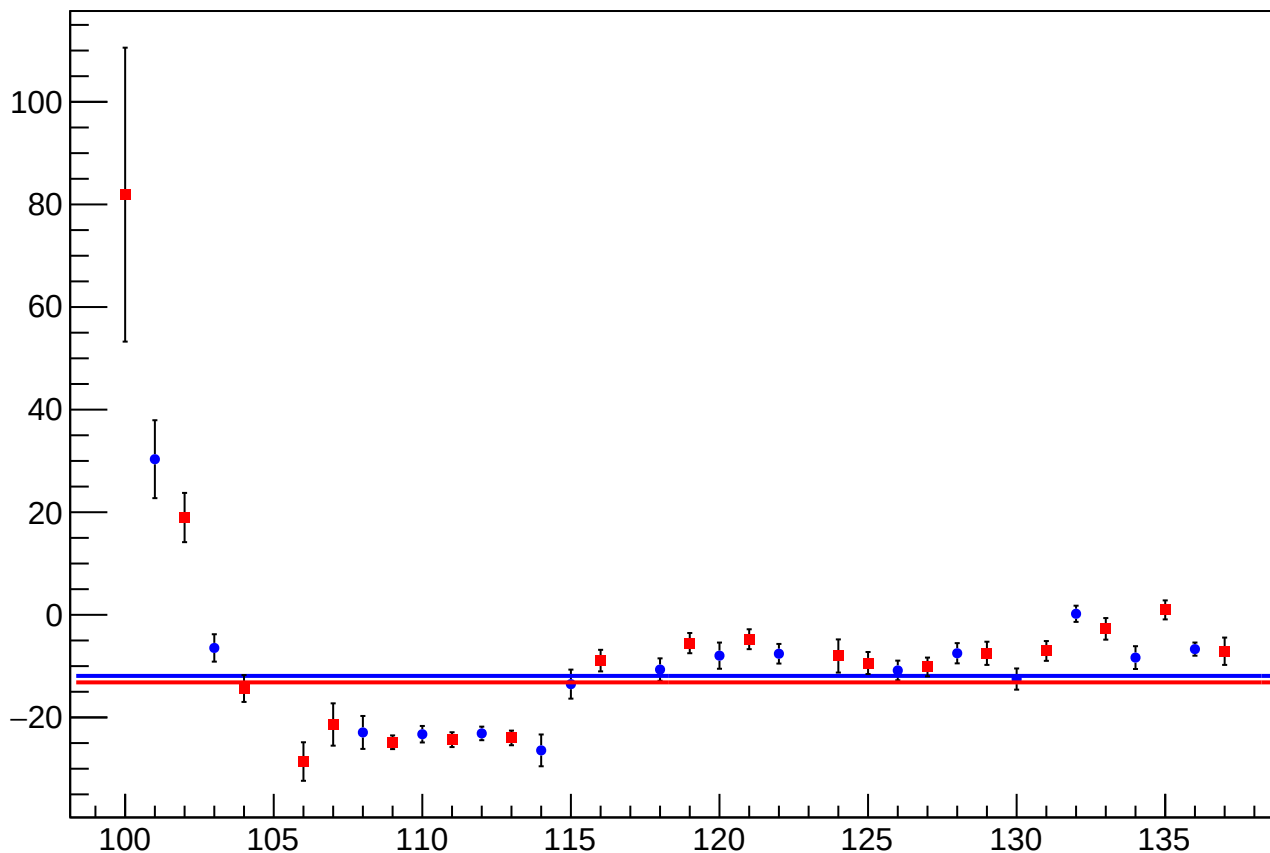
Right: -30.485+/-0.027 χ^2/NDF : 136941.1/34

In: -31.725+/-0.039 χ^2/NDF : 39636.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.485+/-0.027 χ^2/NDF : 136941.1/34

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -11.906 $\pm$ 0.497 χ^2/NDF : 282.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -13.169 $\pm$ 0.480 χ^2/NDF : 421.5/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

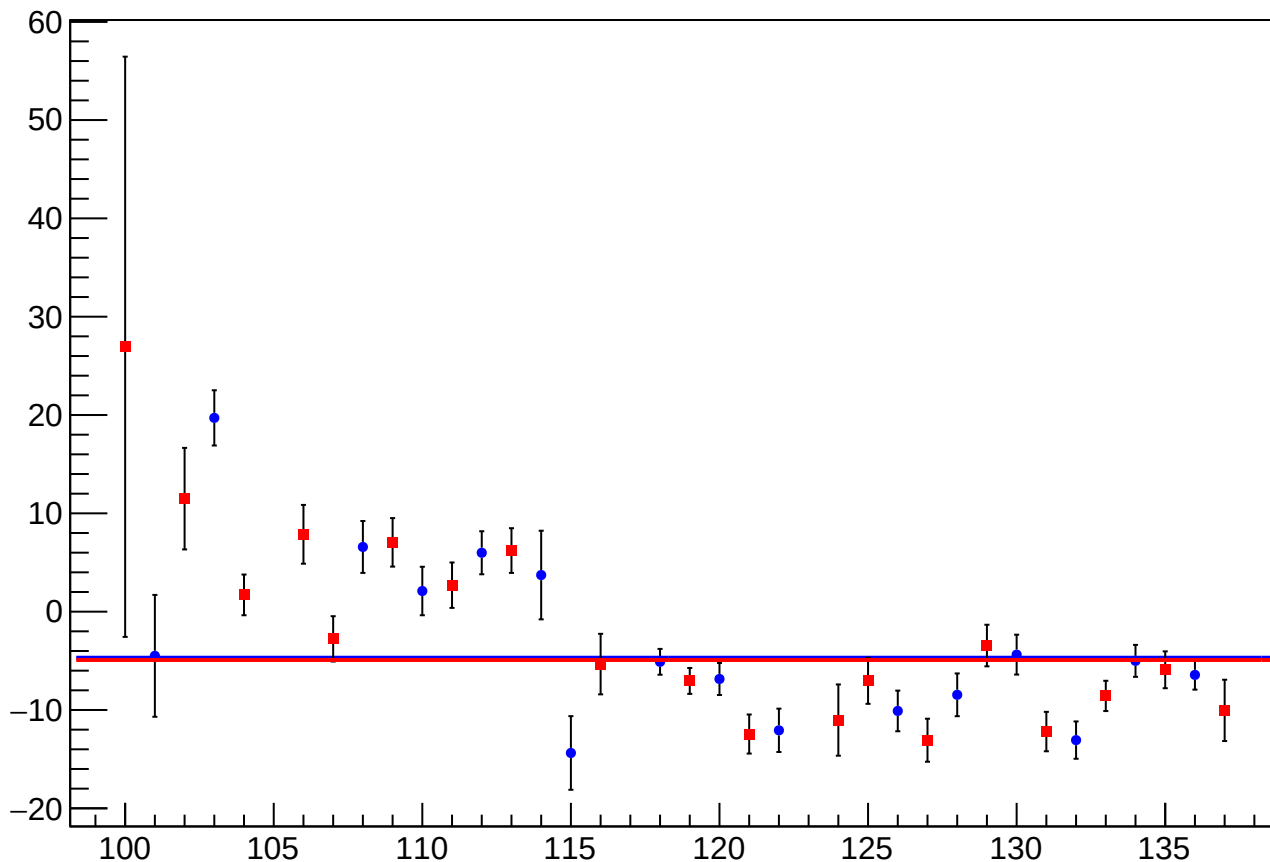
Right: -12.559 $\pm$ 0.345 χ^2/NDF : 706.9/34

In: -11.906 $\pm$ 0.497 χ^2/NDF : 282.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -12.559 $\pm$ 0.345 χ^2/NDF : 706.9/34

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -4.686+/-0.517 χ^2/NDF : 179.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.913+/-0.513 χ^2/NDF : 155.9/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

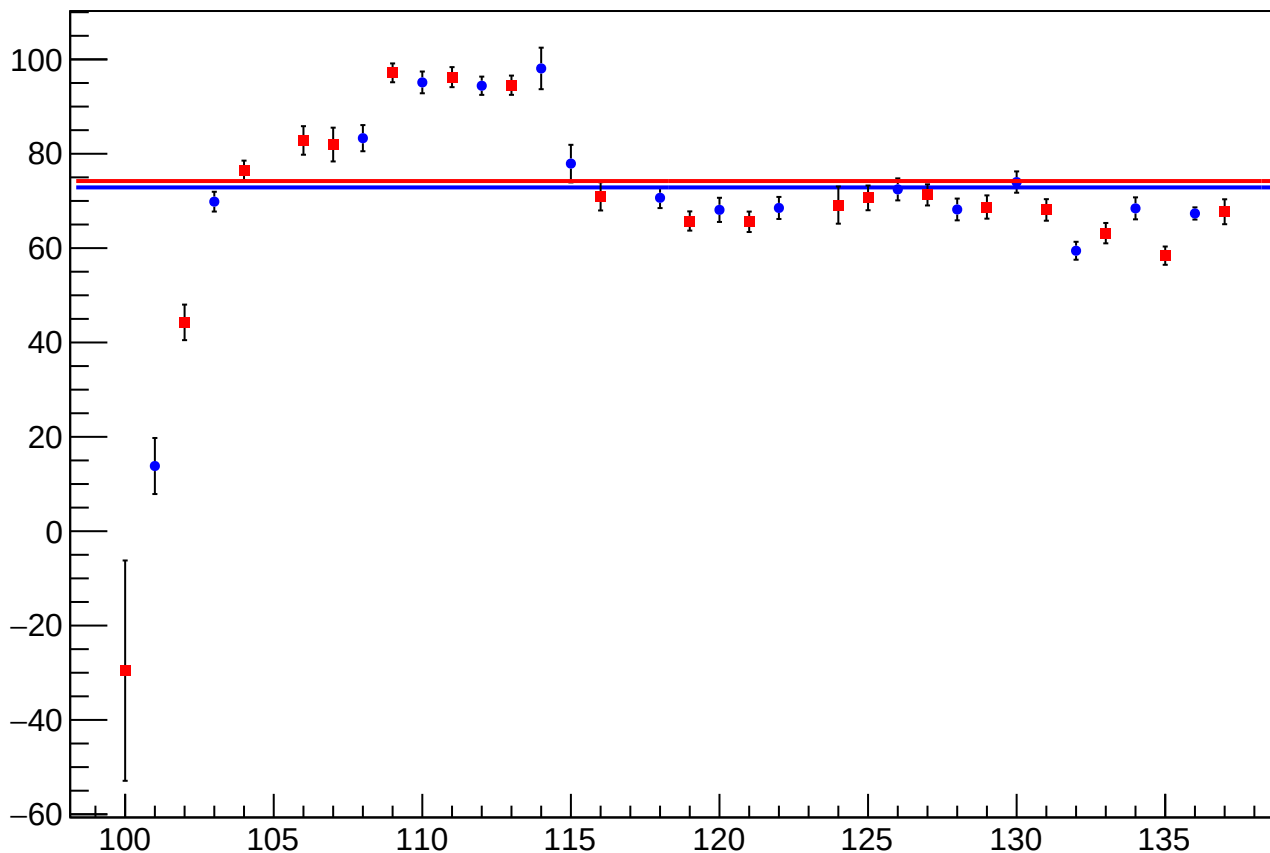
Right: -4.801+/-0.364 χ^2/NDF : 335.0/34

In: -4.686+/-0.517 χ^2/NDF : 179.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.801+/-0.364 χ^2/NDF : 335.0/34

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 72.866+/-0.565 χ^2/NDF : 450.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.217+/-0.562 χ^2/NDF : 586.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

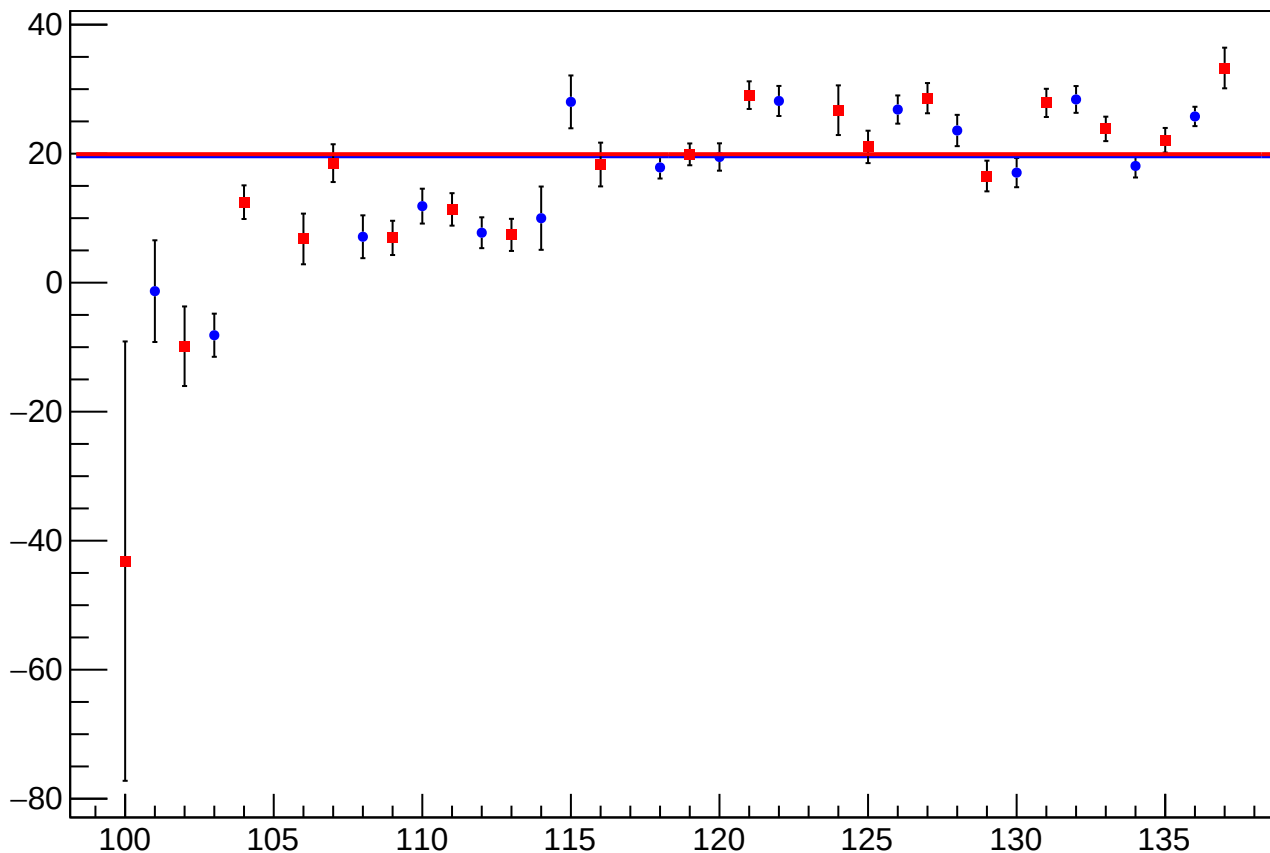
Right: 73.545+/-0.399 χ^2/NDF : 1039.8/34

In: 72.866+/-0.565 χ^2/NDF : 450.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.545+/-0.399 χ^2/NDF : 1039.8/34

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 19.598+/-0.585 χ^2/NDF : 196.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.919+/-0.585 χ^2/NDF : 181.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

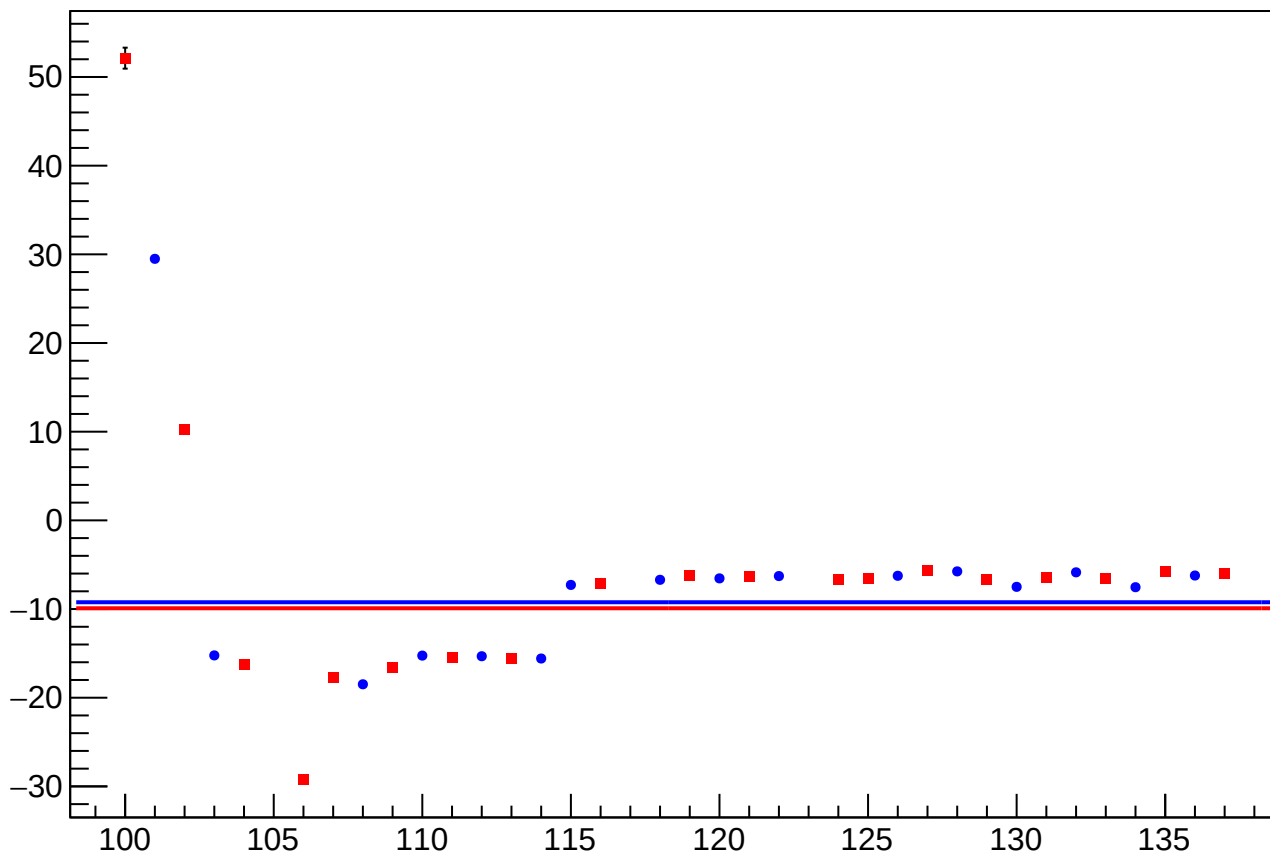
Right: 19.759+/-0.414 χ^2/NDF : 377.5/34

In: 19.598+/-0.585 χ^2/NDF : 196.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.759+/-0.414 χ^2/NDF : 377.5/34

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -9.235+/-0.033 χ^2/NDF : 31159.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.913+/-0.034 χ^2/NDF : 53863.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

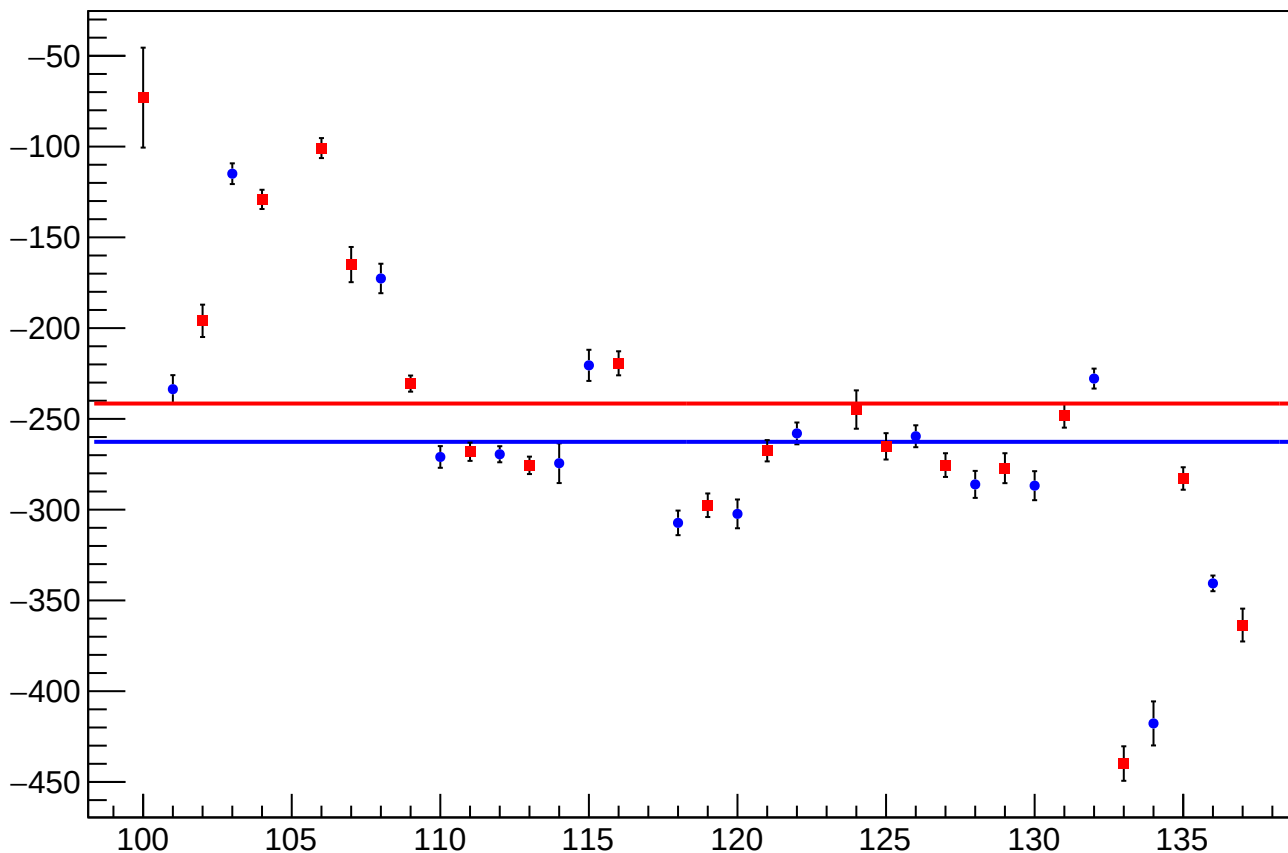
Right: -9.558+/-0.024 χ^2/NDF : 85225.4/34

In: -9.235+/-0.033 χ^2/NDF : 31159.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.558+/-0.024 χ^2/NDF : 85225.4/34

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -262.643+/-1.614 χ^2/NDF : 1454.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -241.548+/-1.506 χ^2/NDF : 2138.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

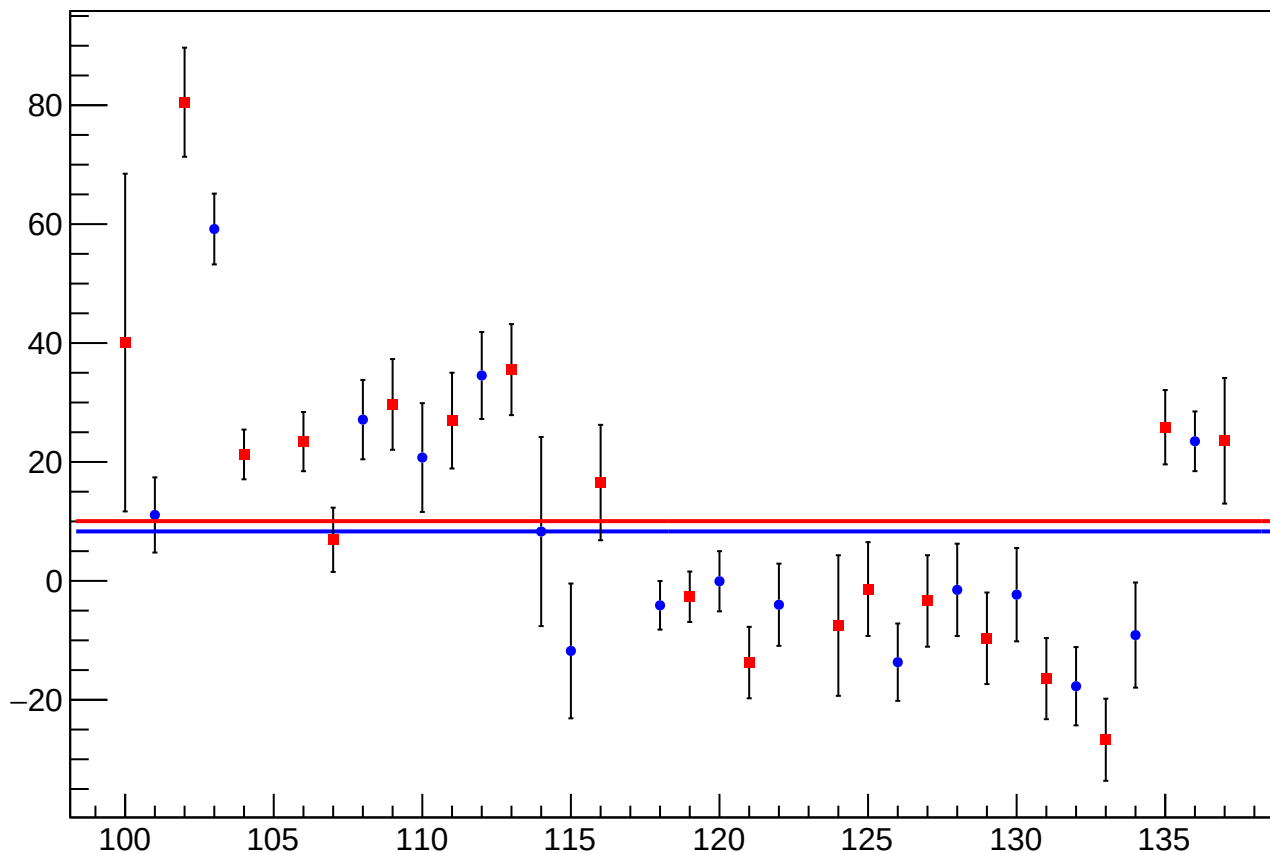
Right: -251.368+/-1.101 χ^2/NDF : 3684.2/34

In: -262.643+/-1.614 χ^2/NDF : 1454.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.368+/-1.101 χ^2/NDF : 3684.2/34

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 8.320+/-1.644 χ^2/NDF : 157.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.052+/-1.539 χ^2/NDF : 187.4/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

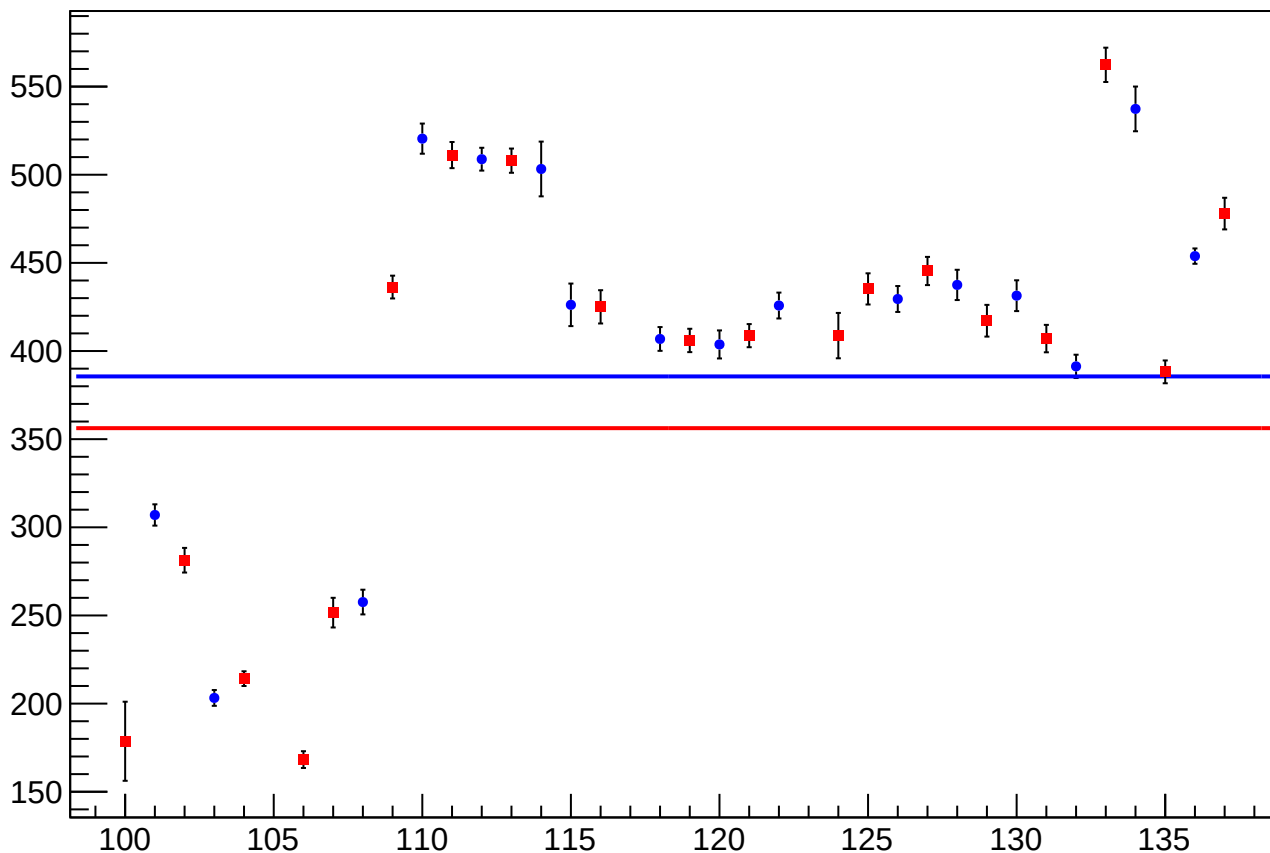
Right: 9.243+/-1.123 χ^2/NDF : 345.7/34

In: 8.320+/-1.644 χ^2/NDF : 157.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.243+/-1.123 χ^2/NDF : 345.7/34

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 385.590+/-1.742 χ^2/NDF : 3373.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 356.245+/-1.647 χ^2/NDF : 5270.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

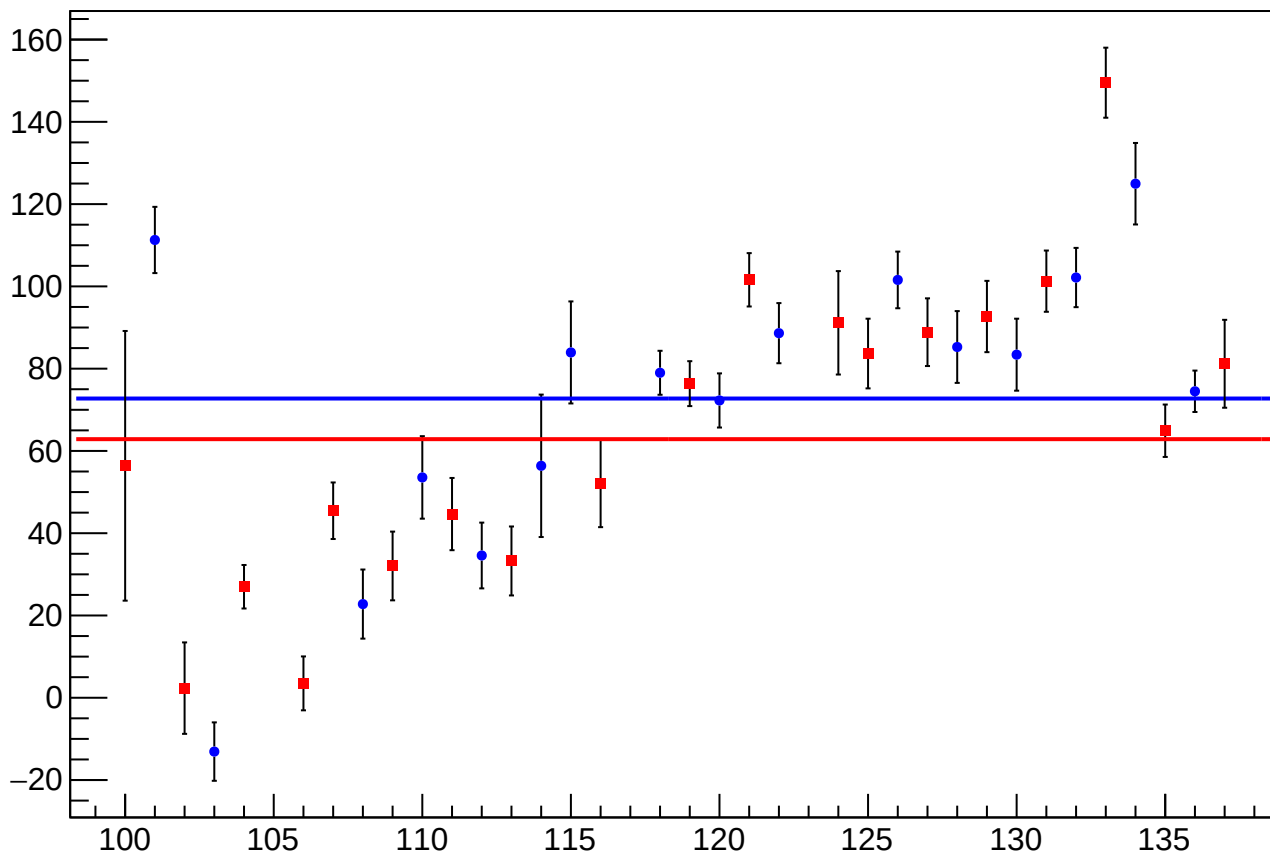
Right: 370.089+/-1.197 χ^2/NDF : 8793.2/34

In: 385.590+/-1.742 χ^2/NDF : 3373.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 370.089+/-1.197 χ^2/NDF : 8793.2/34

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 72.740+/-1.897 χ^2/NDF : 304.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.863+/-1.795 χ^2/NDF : 403.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

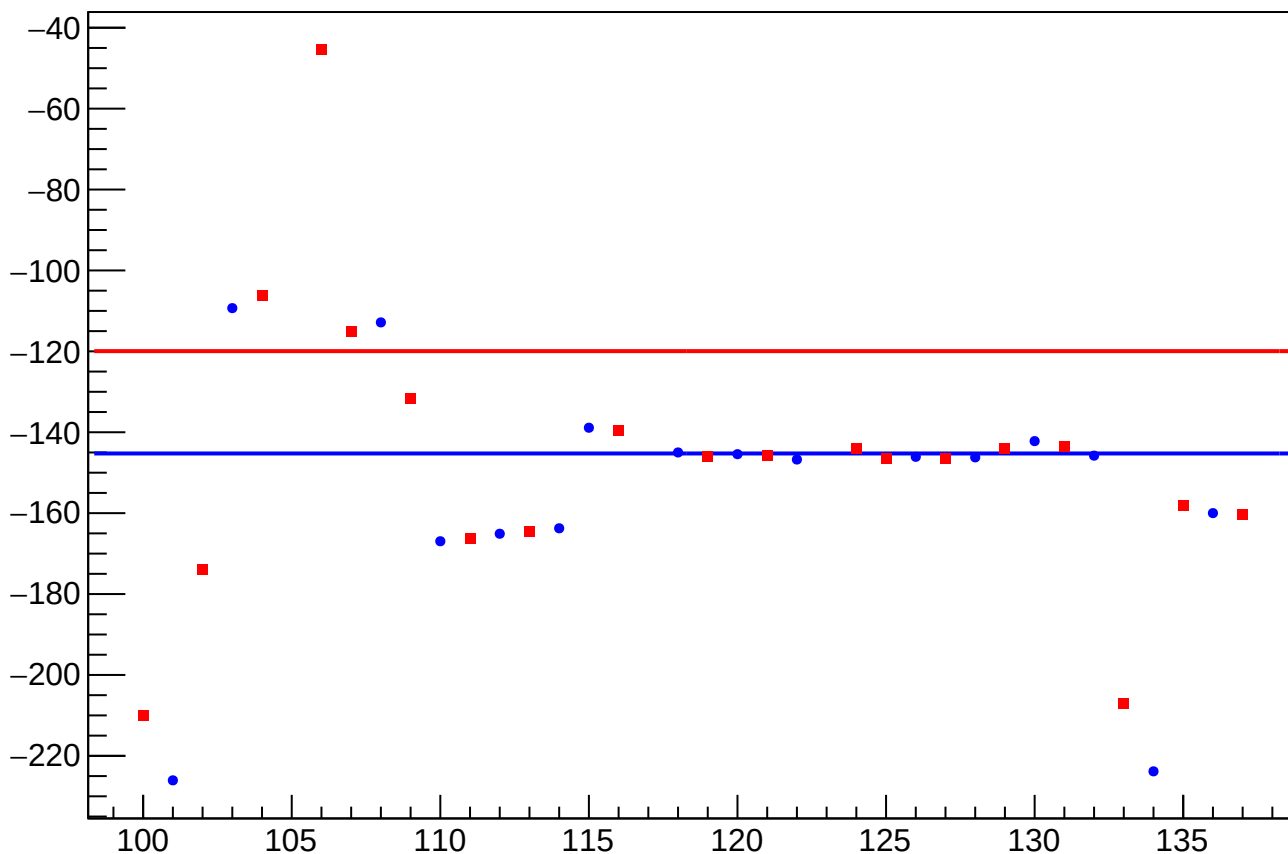
Right: 67.528+/-1.304 χ^2/NDF : 722.2/34

In: 72.740+/-1.897 χ^2/NDF : 304.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.528+/-1.304 χ^2/NDF : 722.2/34

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -145.246+/-0.098 χ^2/NDF : 132057.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.947+/-0.089 χ^2/NDF : 270354.1/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

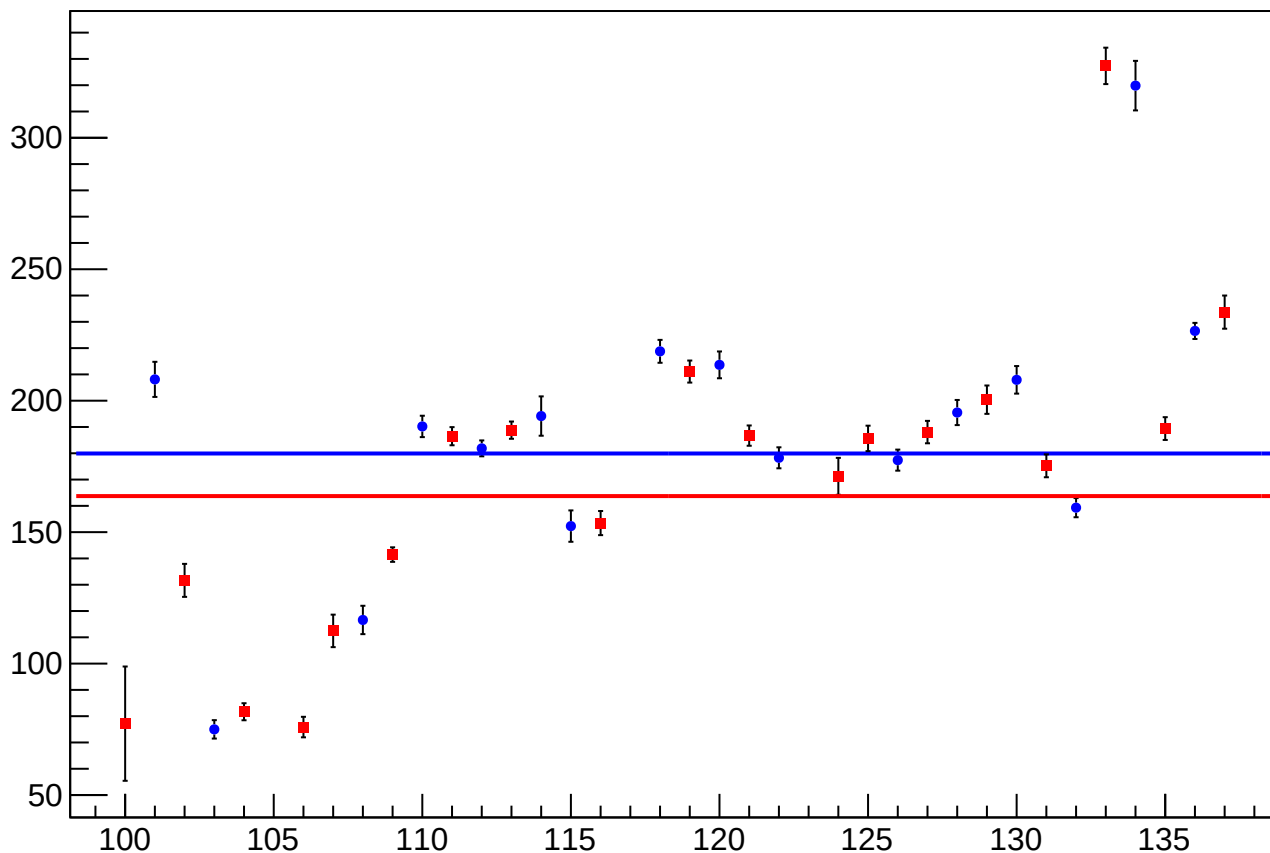
Right: -131.335+/-0.066 χ^2/NDF : 438808.7/34

In: -145.246+/-0.098 χ^2/NDF : 132057.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.335+/-0.066 χ^2/NDF : 438808.7/34

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 179.918 $\pm$ 1.089 χ^2 /NDF: 1732.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 163.718 $\pm$ 1.001 χ^2 /NDF: 2416.8/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

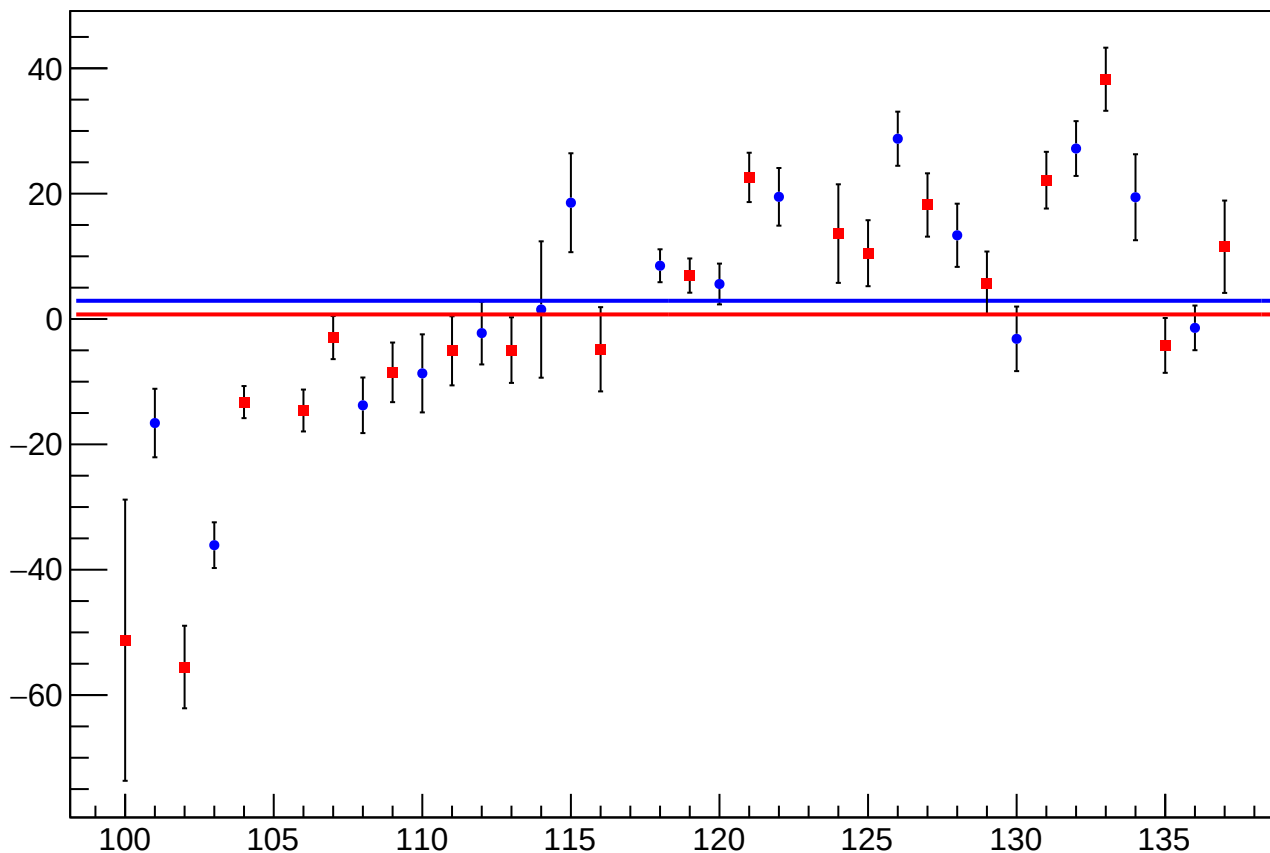
Right: 171.138 $\pm$ 0.737 χ^2 /NDF: 4269.5/34

In: 179.918 $\pm$ 1.089 χ^2 /NDF:1732.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 171.138 $\pm$ 0.737 χ^2 /NDF: 4269.5/34

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.907+/-1.105 χ^2/NDF : 247.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.729+/-1.012 χ^2/NDF : 273.6/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

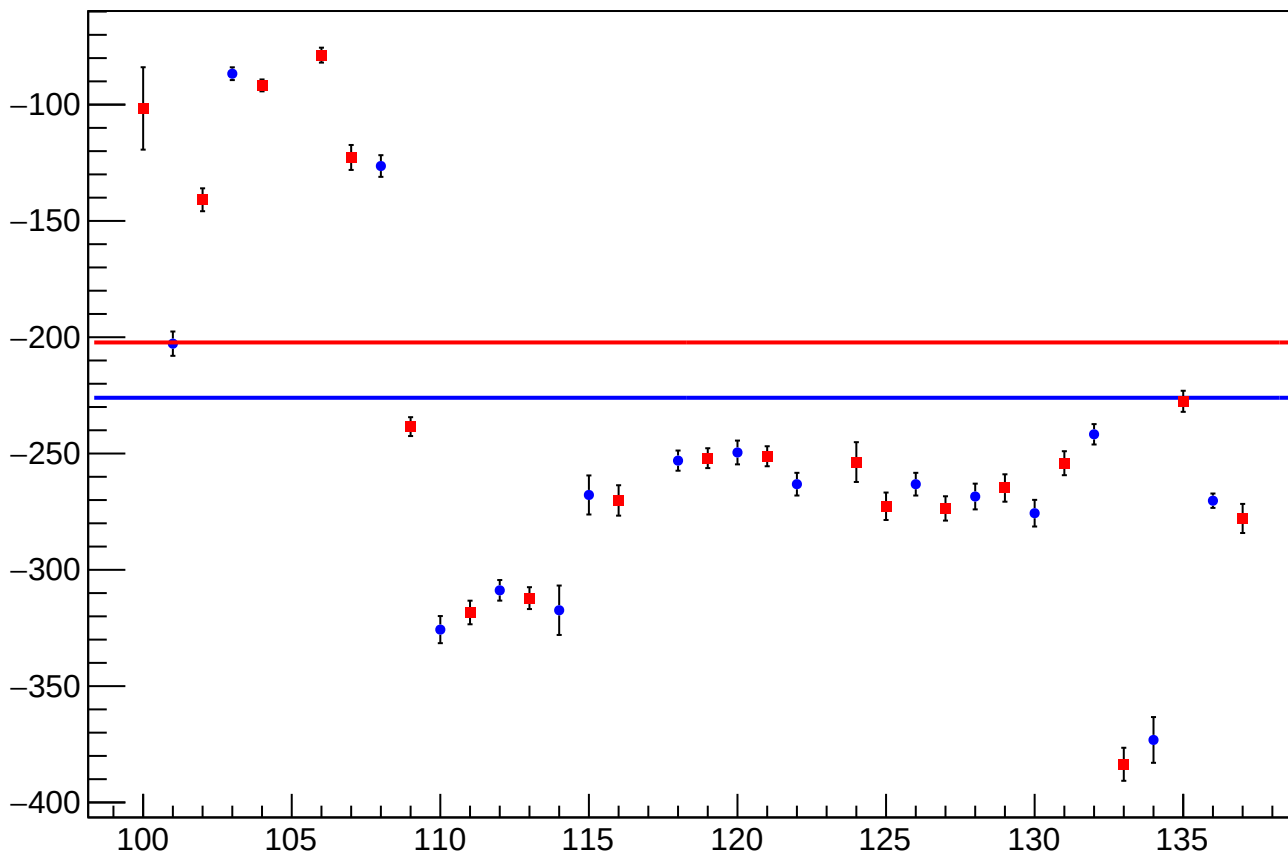
Right: 1.723+/-0.746 χ^2/NDF : 523.2/34

In: 2.907+/-1.105 χ^2/NDF : 247.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.723+/-0.746 χ^2/NDF : 523.2/34

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -226.028+/-1.175 χ^2/NDF : 4539.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -202.247+/-1.087 χ^2/NDF : 6690.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

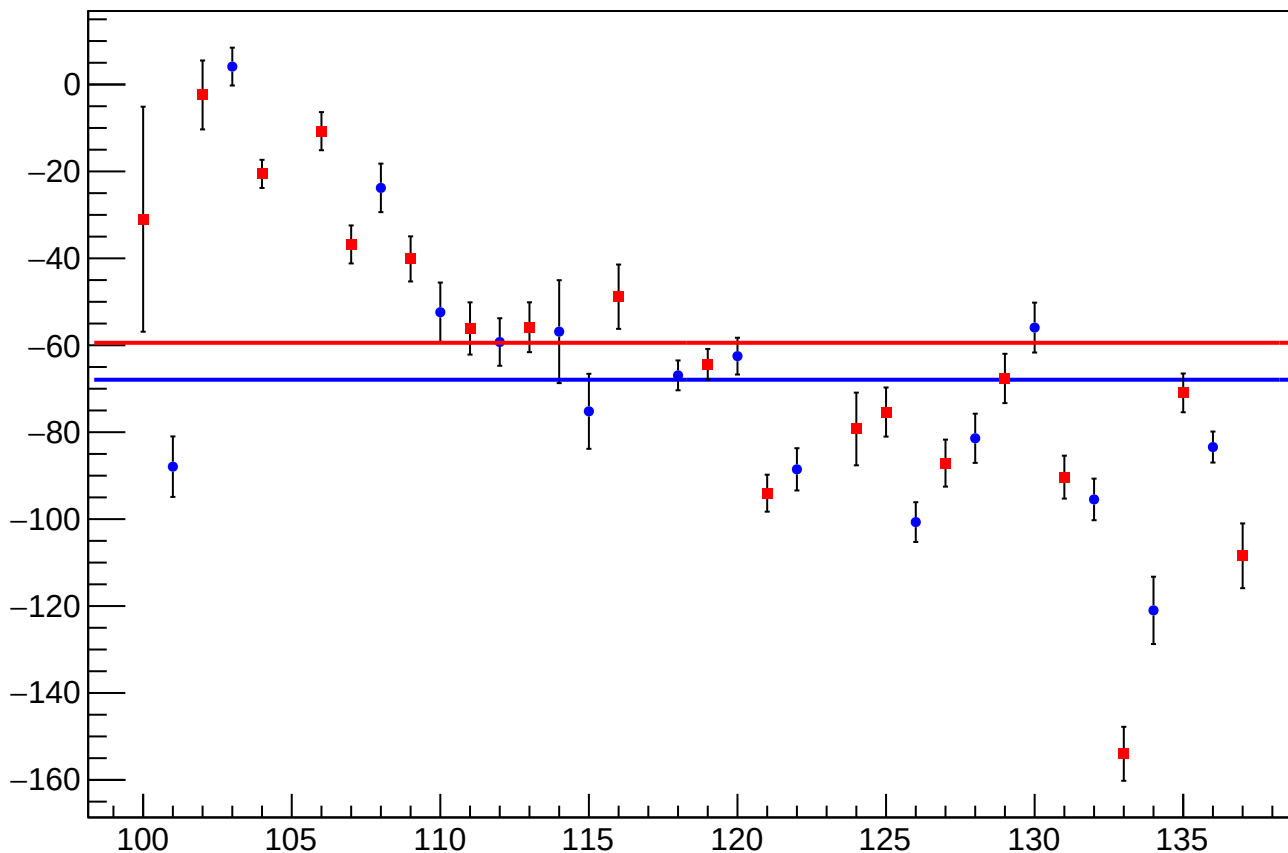
Right: -213.214+/-0.798 χ^2/NDF : 11450.5/34

In: -226.028+/-1.175 χ^2/NDF : 4539.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -213.214+/-0.798 χ^2/NDF : 11450.5/34

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.927 $\pm$ 1.278 χ^2 /NDF: 534.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -59.428 $\pm$ 1.184 χ^2 /NDF: 794.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

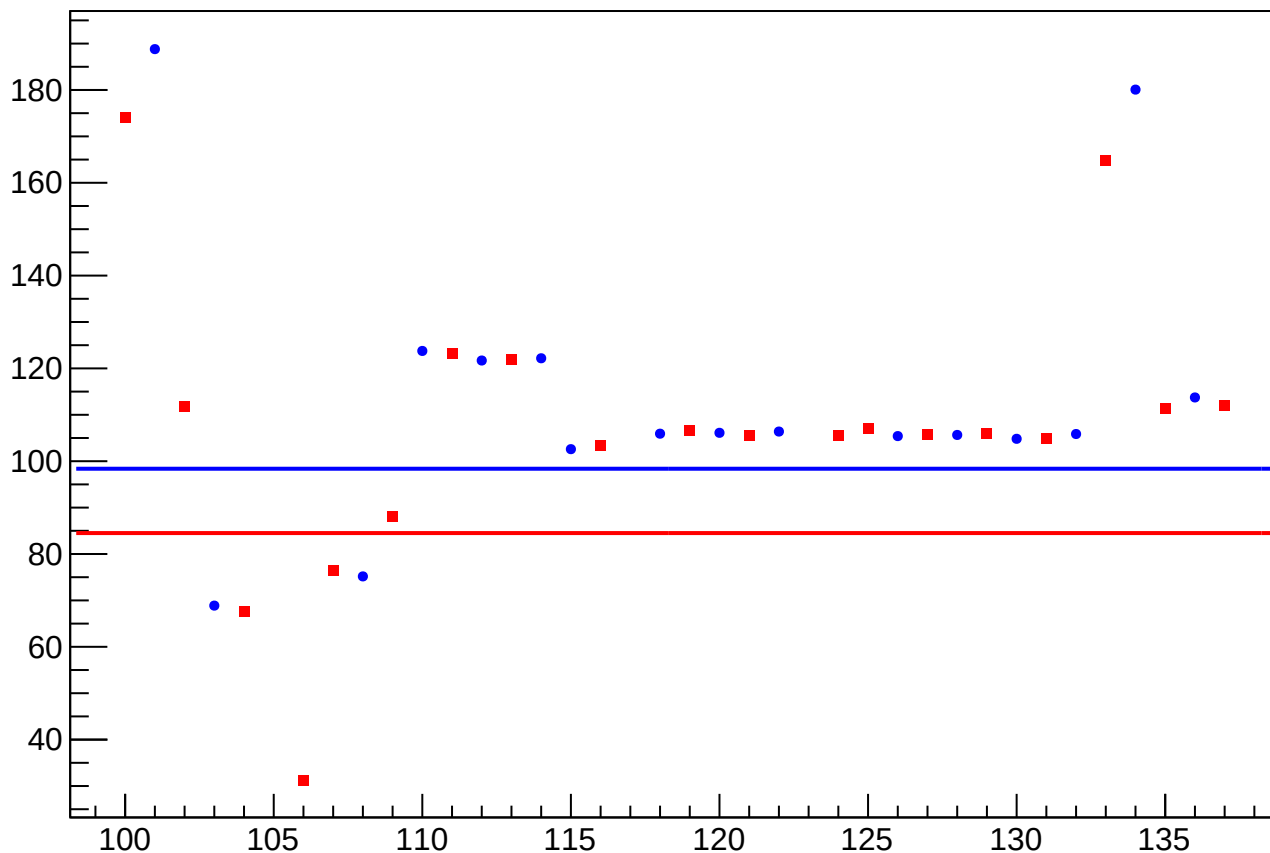
Right: -63.353 $\pm$ 0.869 χ^2 /NDF: 1352.7/34

In: -67.927 $\pm$ 1.278 χ^2 /NDF:534.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -63.353 $\pm$ 0.869 χ^2 /NDF: 1352.7/34

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 98.377+/-0.066 χ^2/NDF : 228419.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 84.512+/-0.061 χ^2/NDF : 268911.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

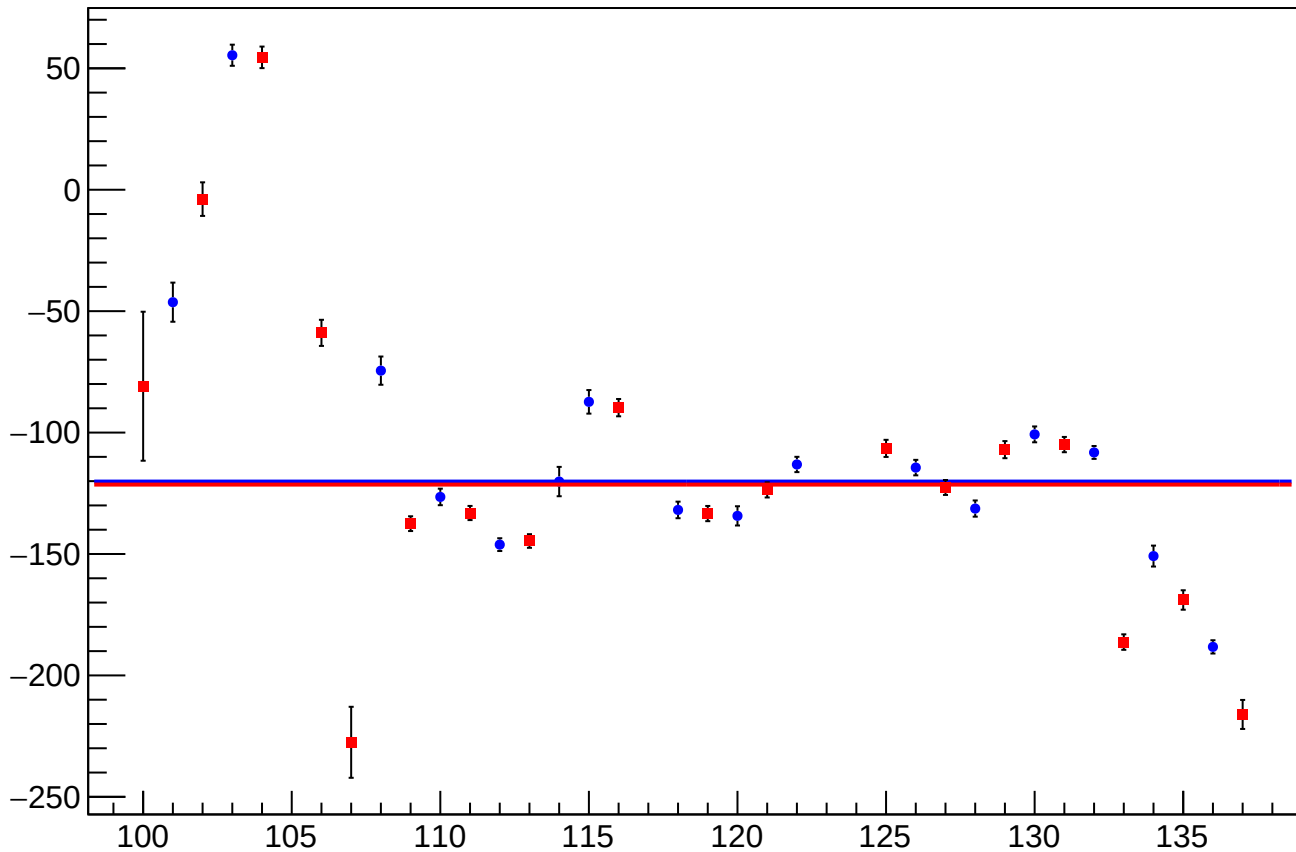
Right: 90.854+/-0.045 χ^2/NDF : 521250.8/34

In: 98.377+/-0.066 χ^2/NDF : 228419.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.854+/-0.045 χ^2/NDF : 521250.8/34

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -120.177 ± 0.891 χ^2/NDF : 2691.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -121.418 ± 0.875 χ^2/NDF : 3126.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

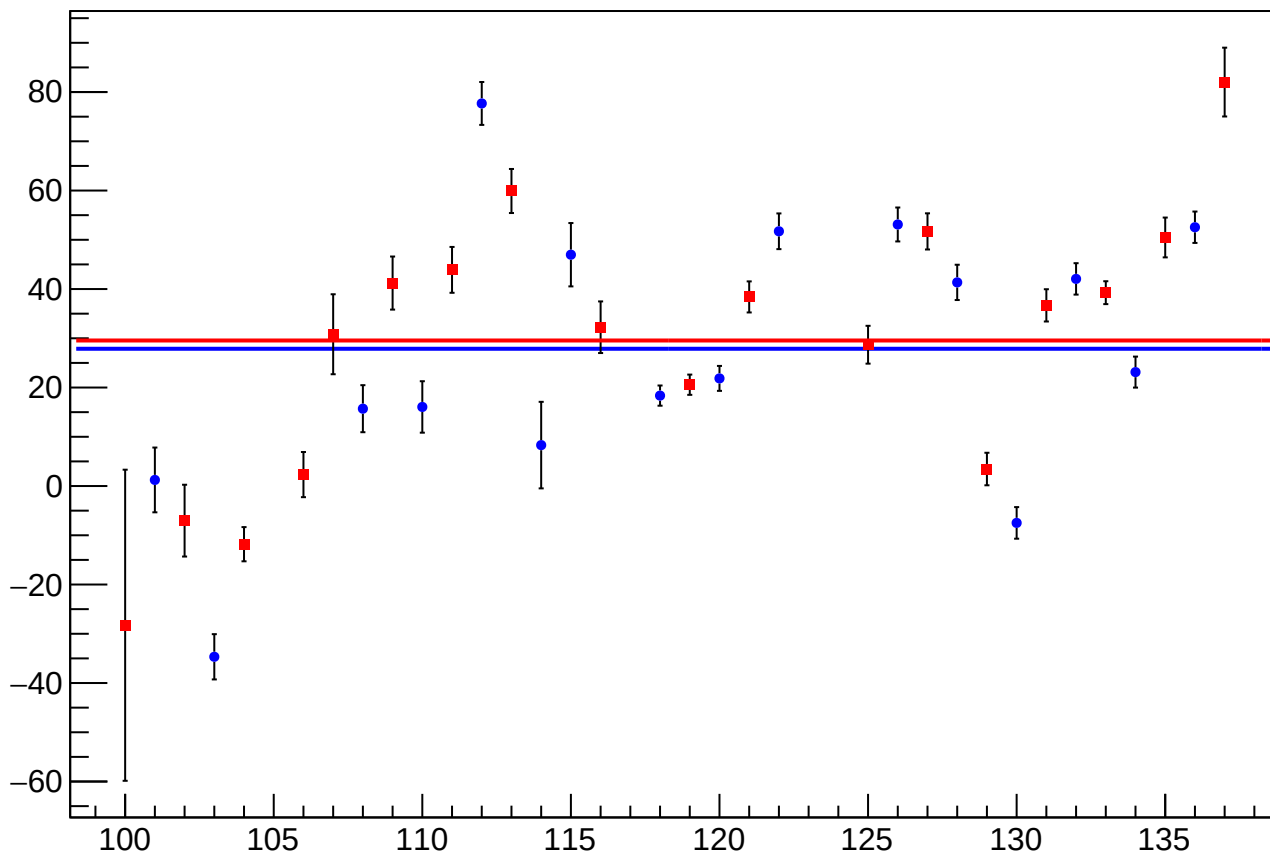
Right: -120.808 ± 0.624 χ^2/NDF : 5818.5/33

In: -120.177 ± 0.891 χ^2/NDF : 2691.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -120.808 ± 0.624 χ^2/NDF : 5818.5/33

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 27.872+/-0.888 χ^2/NDF : 699.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.553+/-0.890 χ^2/NDF : 497.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

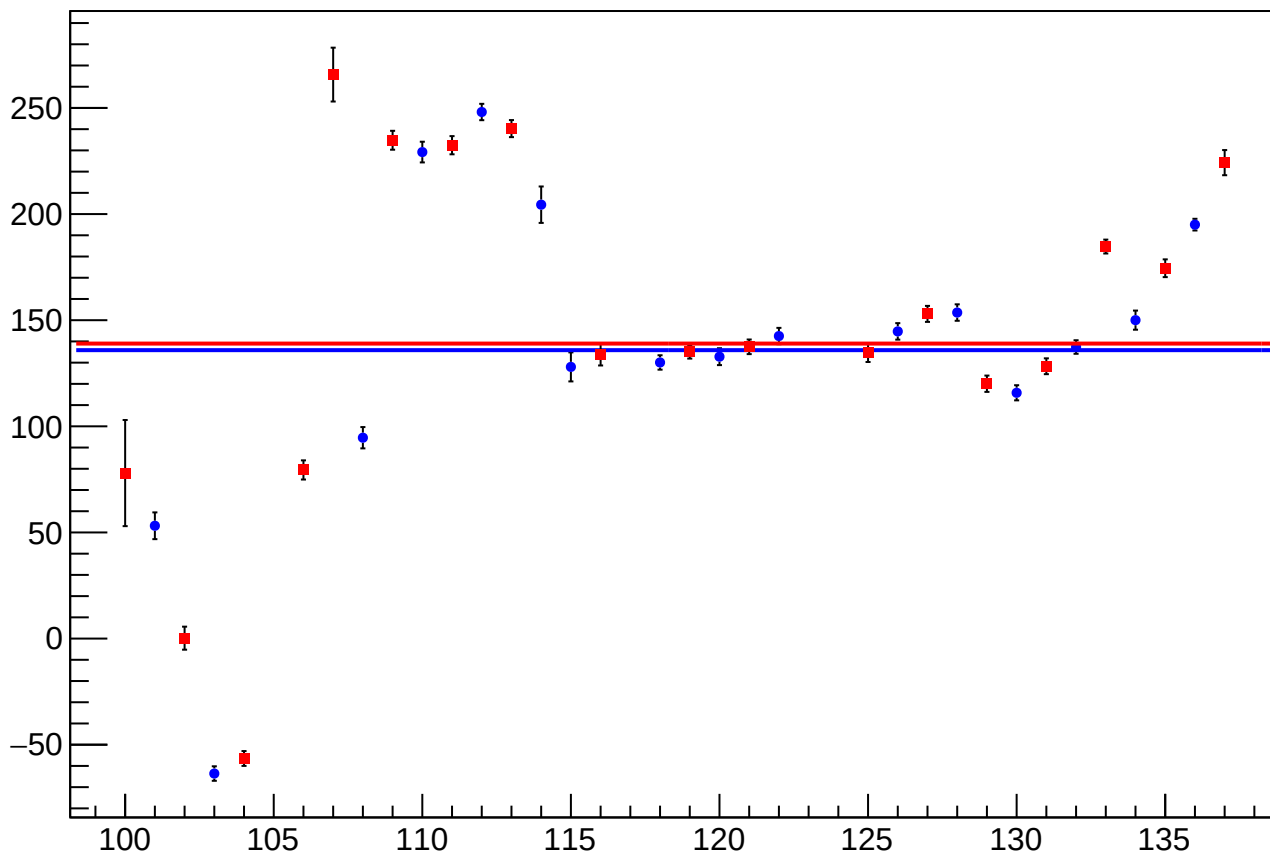
Right: 28.711+/-0.629 χ^2/NDF : 1198.9/33

In: 27.872+/-0.888 χ^2/NDF : 699.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.711+/-0.629 χ^2/NDF : 1198.9/33

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.883 $\pm$ 0.999 χ^2 /NDF: 5463.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 138.985 $\pm$ 0.998 χ^2 /NDF: 6156.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

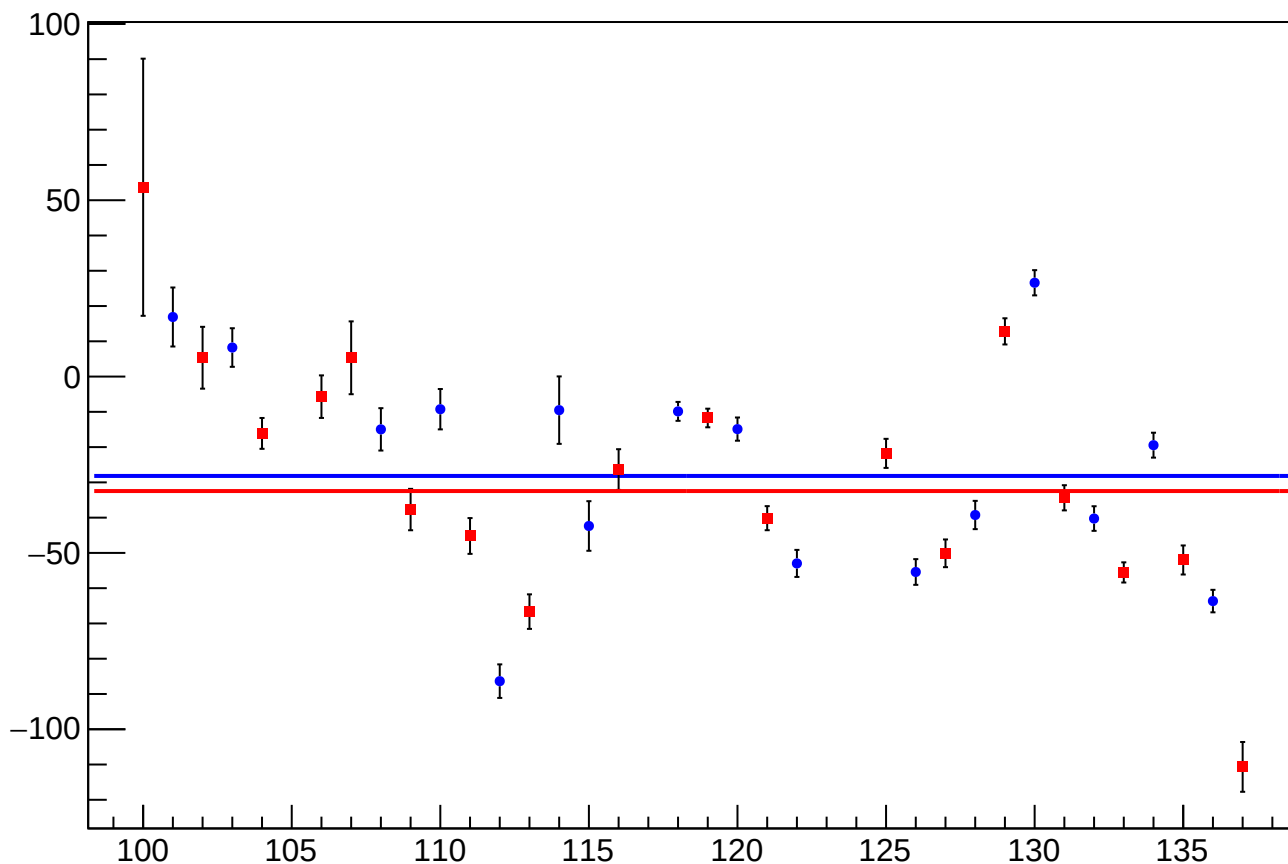
Right: 137.434 $\pm$ 0.706 χ^2 /NDF: 11624.9/33

In: 135.883 $\pm$ 0.999 χ^2 /NDF:5463.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.434 $\pm$ 0.706 χ^2 /NDF: 11624.9/33

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -28.175+/-1.022 χ^2/NDF : 791.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -32.459+/-1.027 χ^2/NDF : 580.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

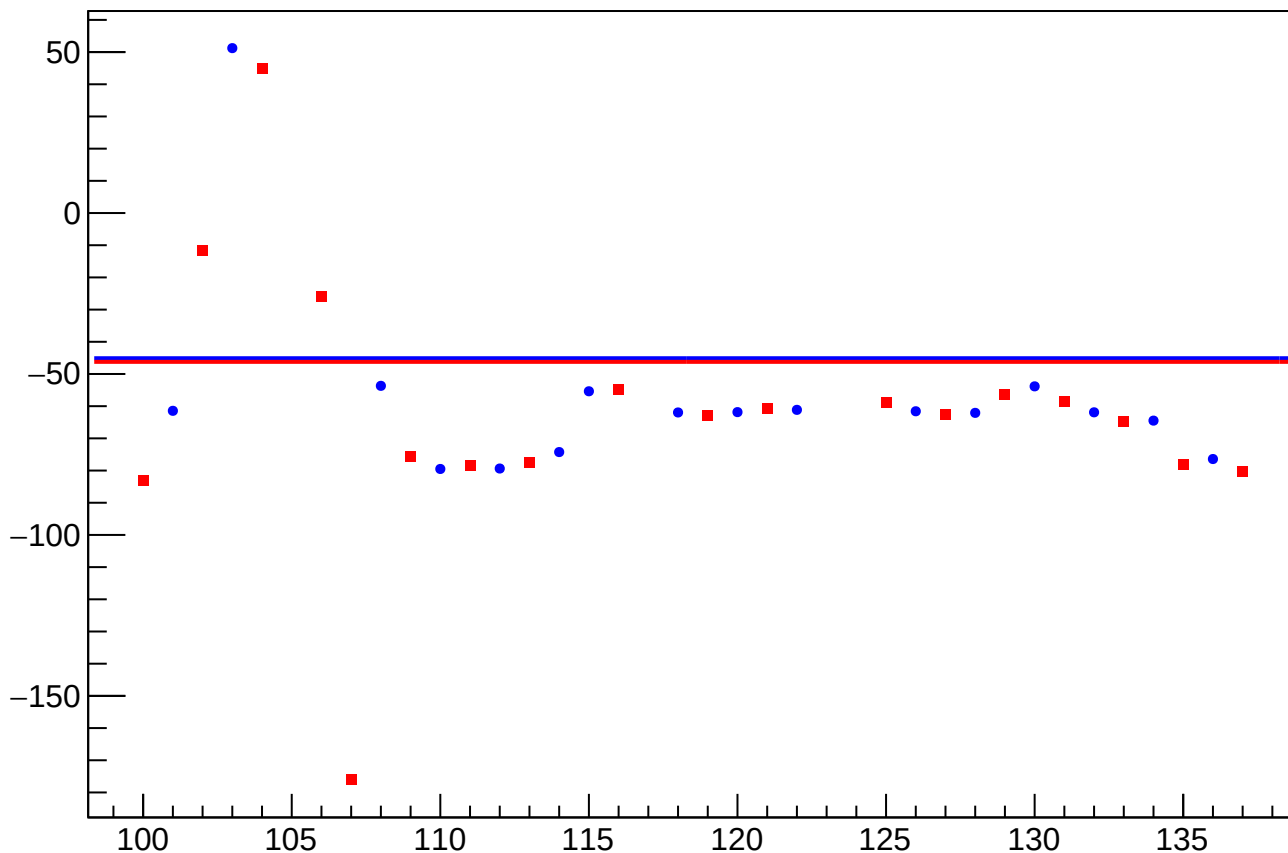
Right: -30.307+/-0.725 χ^2/NDF : 1380.8/33

In: -28.175+/-1.022 χ^2/NDF : 791.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.307+/-0.725 χ^2/NDF : 1380.8/33

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -45.106 $\pm$ 0.060 χ^2 /NDF: 575184.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -46.229 $\pm$ 0.063 χ^2 /NDF: 493616.3/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

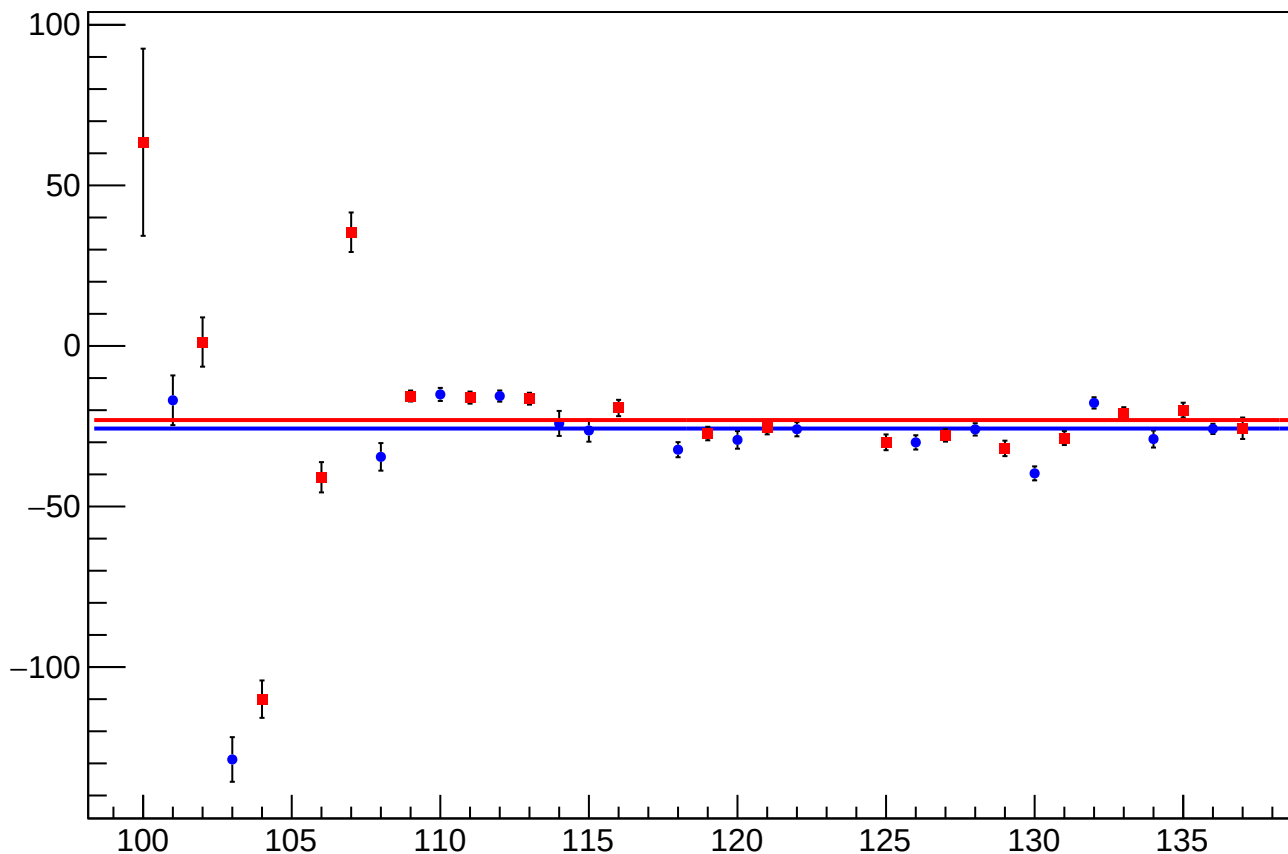
Right: -45.645 $\pm$ 0.043 χ^2 /NDF: 1068967.9/33

In: -45.106 $\pm$ 0.060 χ^2 /NDF: 575184.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -45.645 $\pm$ 0.043 χ^2 /NDF: 1068967.9/33

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.721 $\pm$ 0.590 χ^2 /NDF: 363.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -23.079 $\pm$ 0.582 χ^2 /NDF: 437.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

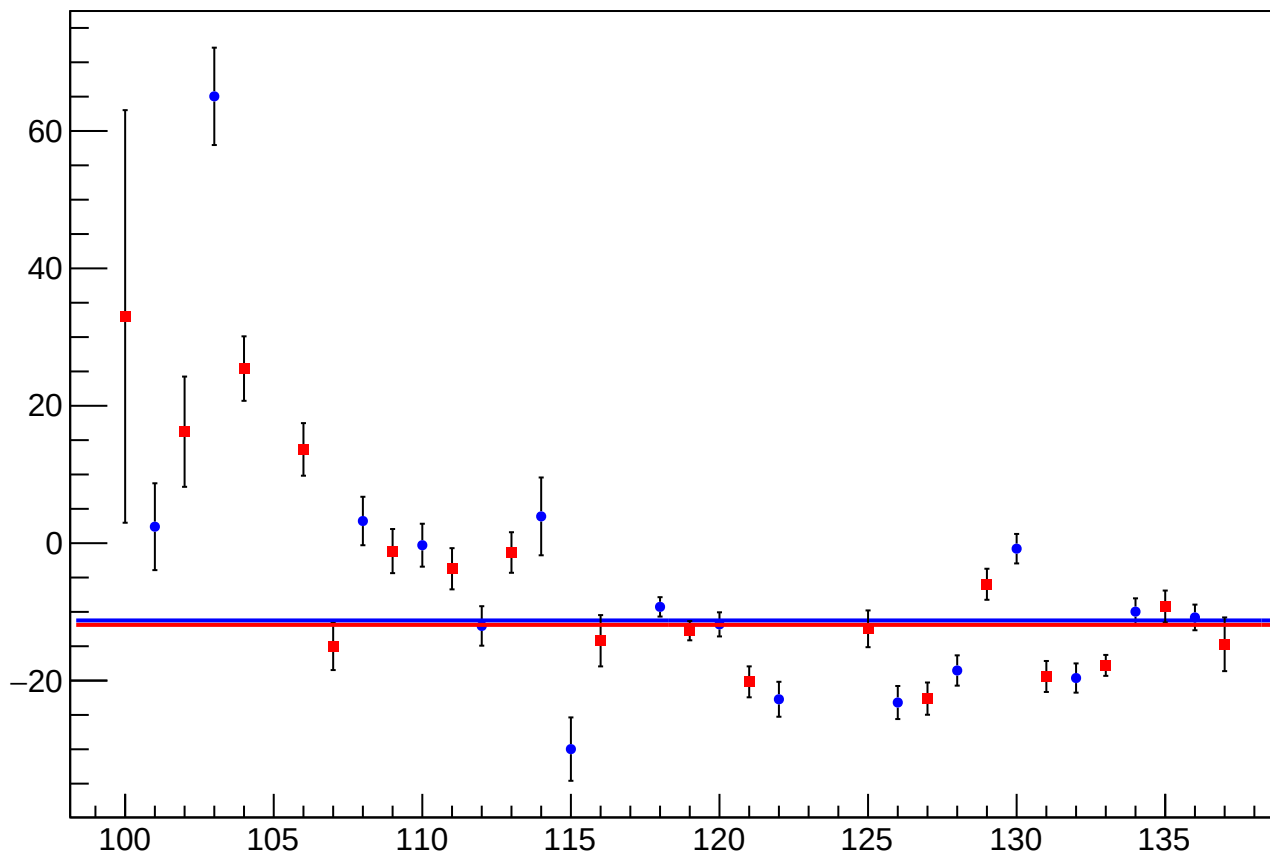
Right: -24.381 $\pm$ 0.414 χ^2 /NDF: 810.3/33

In: -25.721 $\pm$ 0.590 χ^2 /NDF:363.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -24.381 $\pm$ 0.414 χ^2 /NDF: 810.3/33

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.246+/-0.600 χ^2/NDF : 271.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.890+/-0.607 χ^2/NDF : 224.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

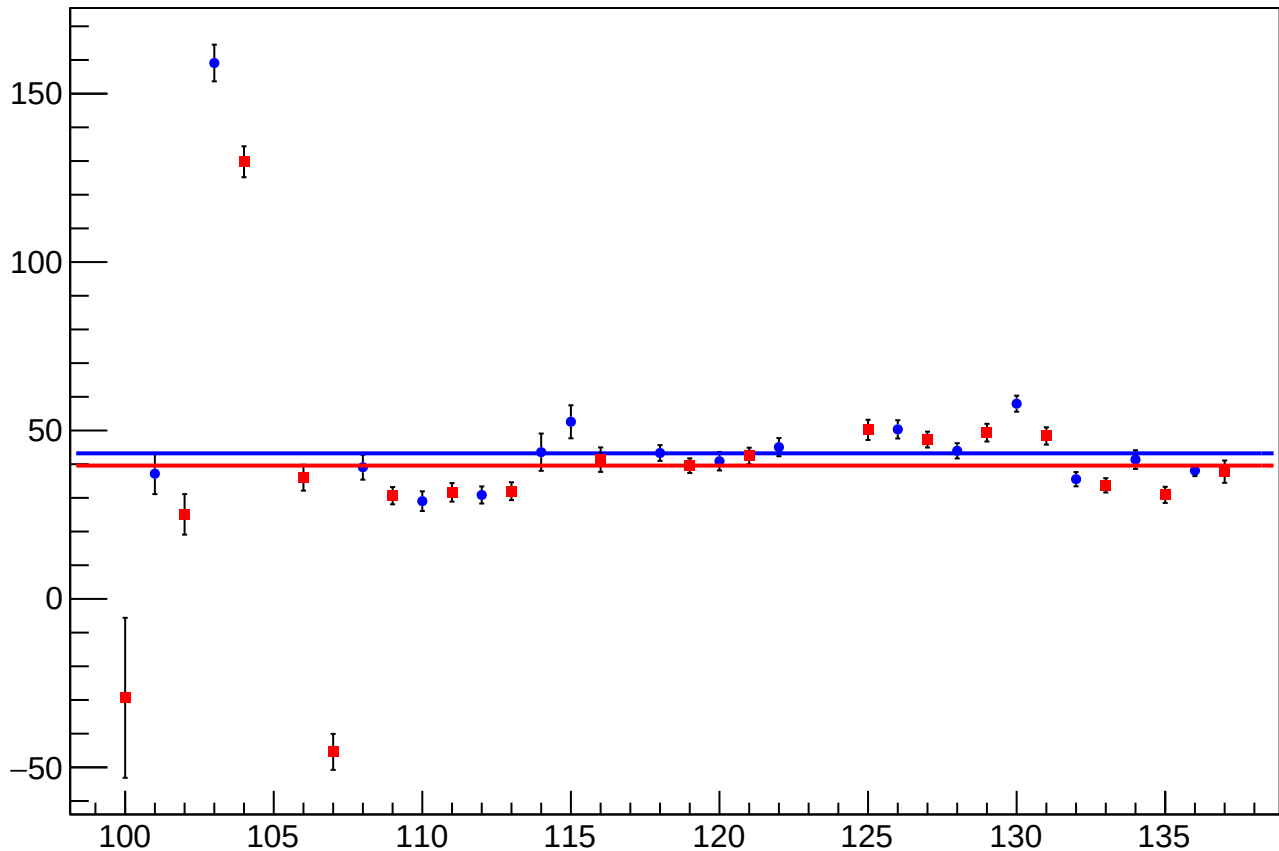
Right: -11.564+/-0.427 χ^2/NDF : 496.1/33

In: -11.246+/-0.600 χ^2/NDF : 271.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.564+/-0.427 χ^2/NDF : 496.1/33

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 43.222+/-0.678 χ^2/NDF : 576.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.587+/-0.685 χ^2/NDF : 754.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

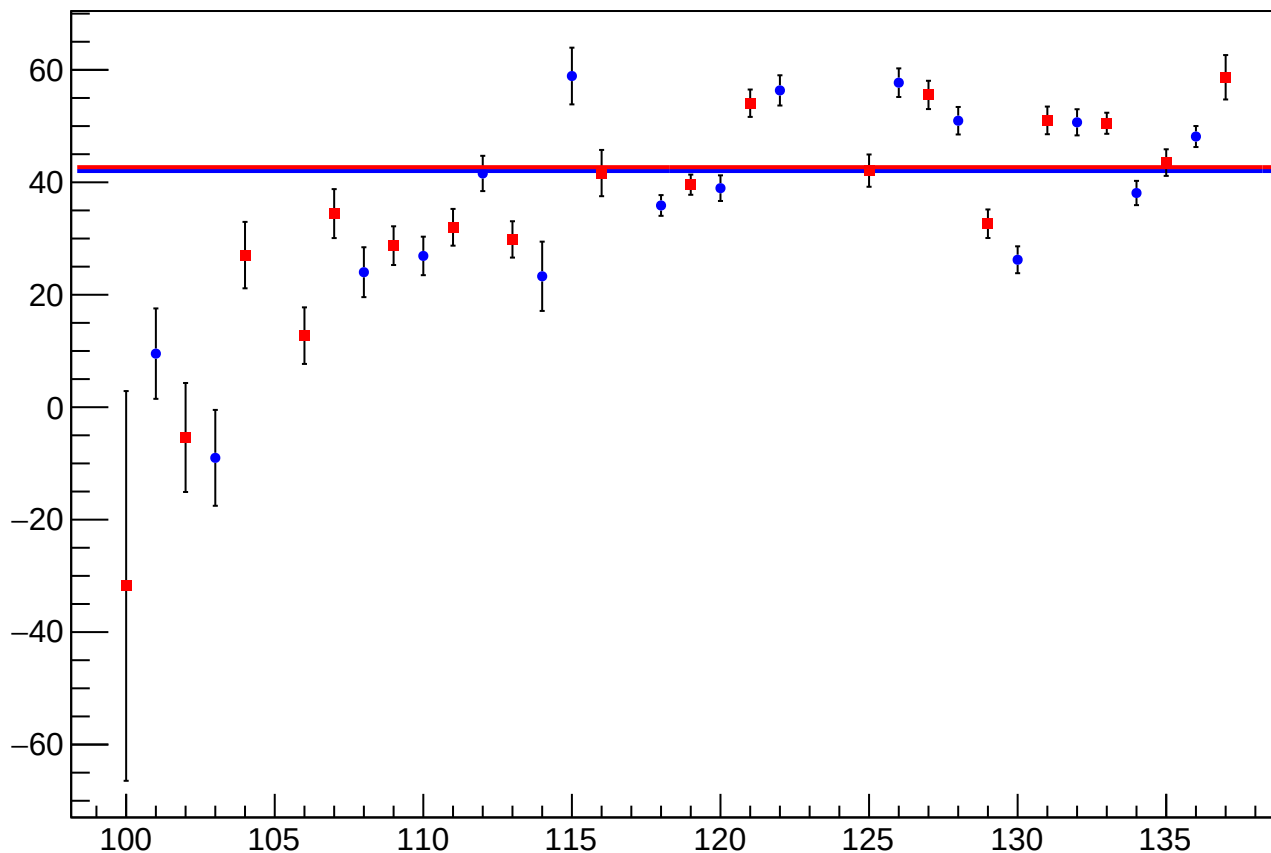
Right: 41.422+/-0.482 χ^2/NDF : 1344.2/33

In: 43.222+/-0.678 χ^2/NDF : 576.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.422+/-0.482 χ^2/NDF : 1344.2/33

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.006+/-0.684 χ^2/NDF : 272.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.696+/-0.695 χ^2/NDF : 230.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

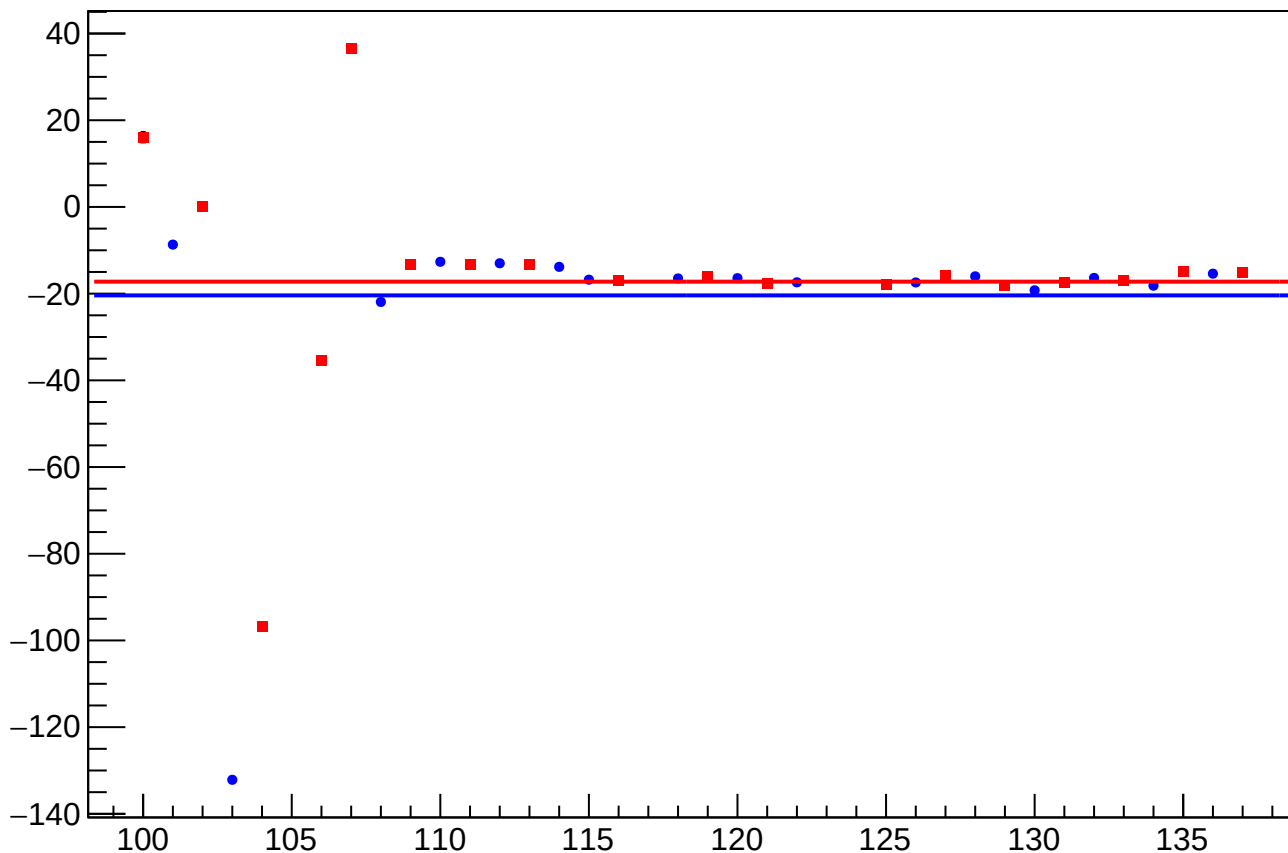
Right: 42.345+/-0.487 χ^2/NDF : 503.5/33

In: 42.006+/-0.684 χ^2/NDF : 272.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.345+/-0.487 χ^2/NDF : 503.5/33

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.405 ± 0.042 χ^2/NDF : 245611.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.236 ± 0.044 χ^2/NDF : 204657.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

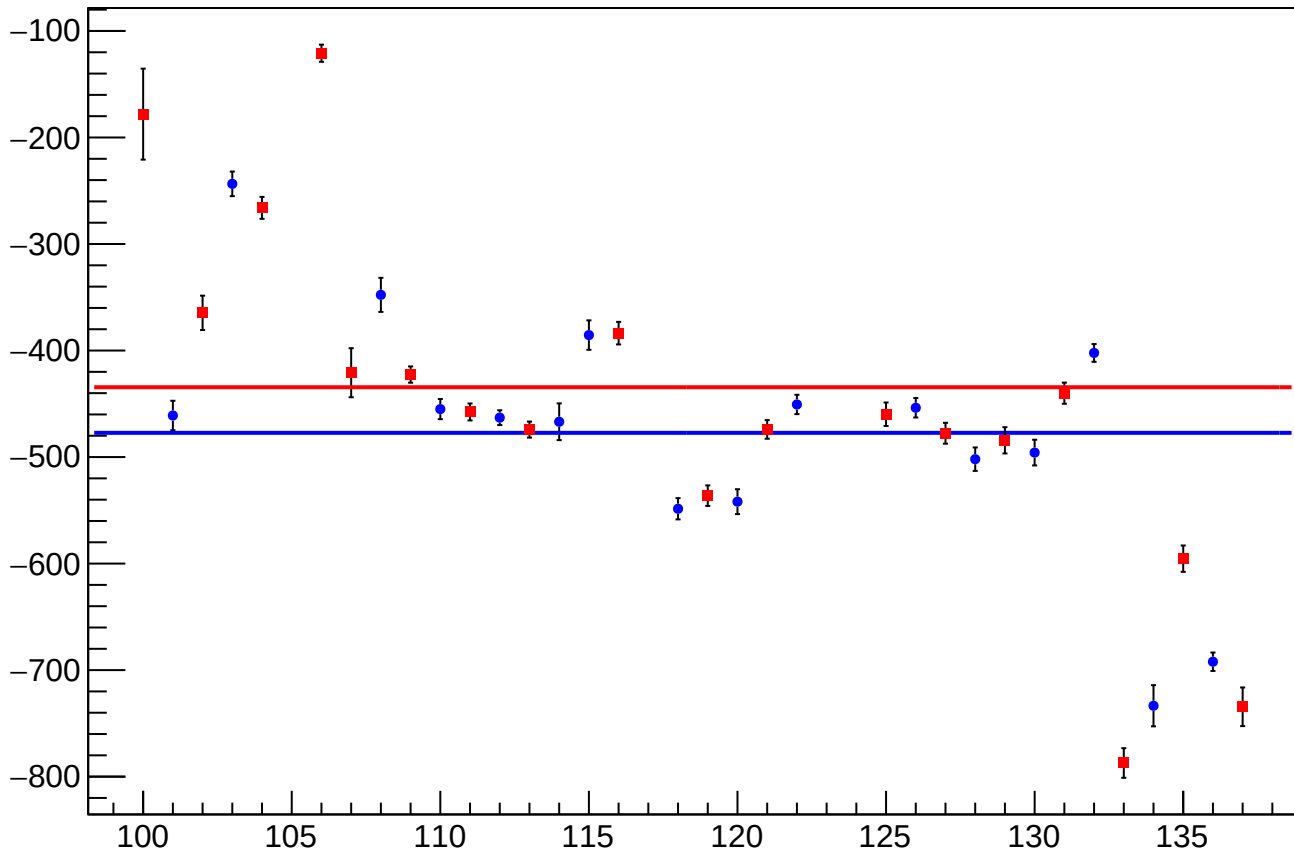
Right: -18.901 ± 0.030 χ^2/NDF : 452982.8/33

In: -20.405 ± 0.042 χ^2/NDF : 245611.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.901 ± 0.030 χ^2/NDF : 452982.8/33

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -477.255+/-2.633 χ^2/NDF : 1510.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -434.437+/-2.464 χ^2/NDF : 3161.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

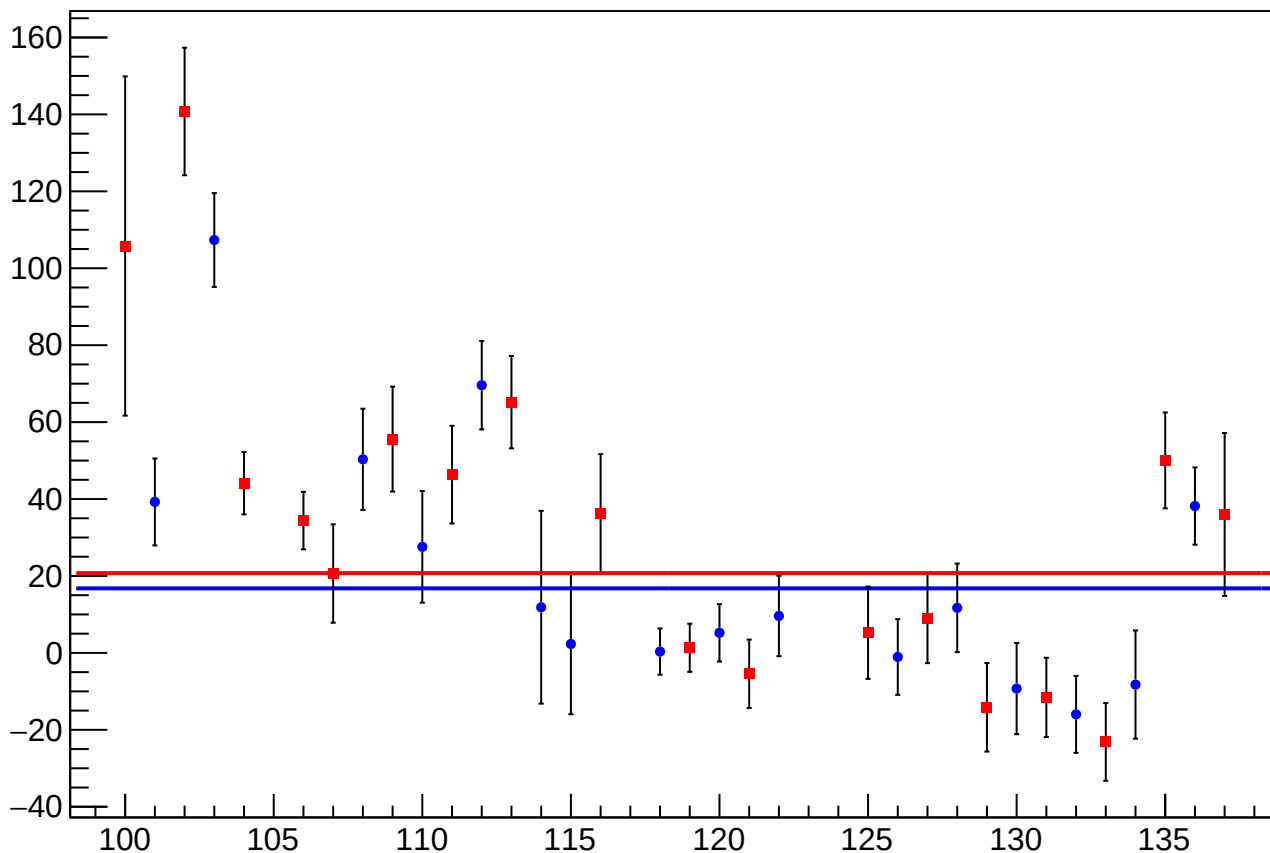
Right: -454.426+/-1.799 χ^2/NDF : 4813.7/33

In: -477.255+/-2.633 χ^2/NDF :1510.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -454.426+/-1.799 χ^2/NDF : 4813.7/33

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 16.780+/-2.654 χ^2/NDF : 125.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.749+/-2.548 χ^2/NDF : 157.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

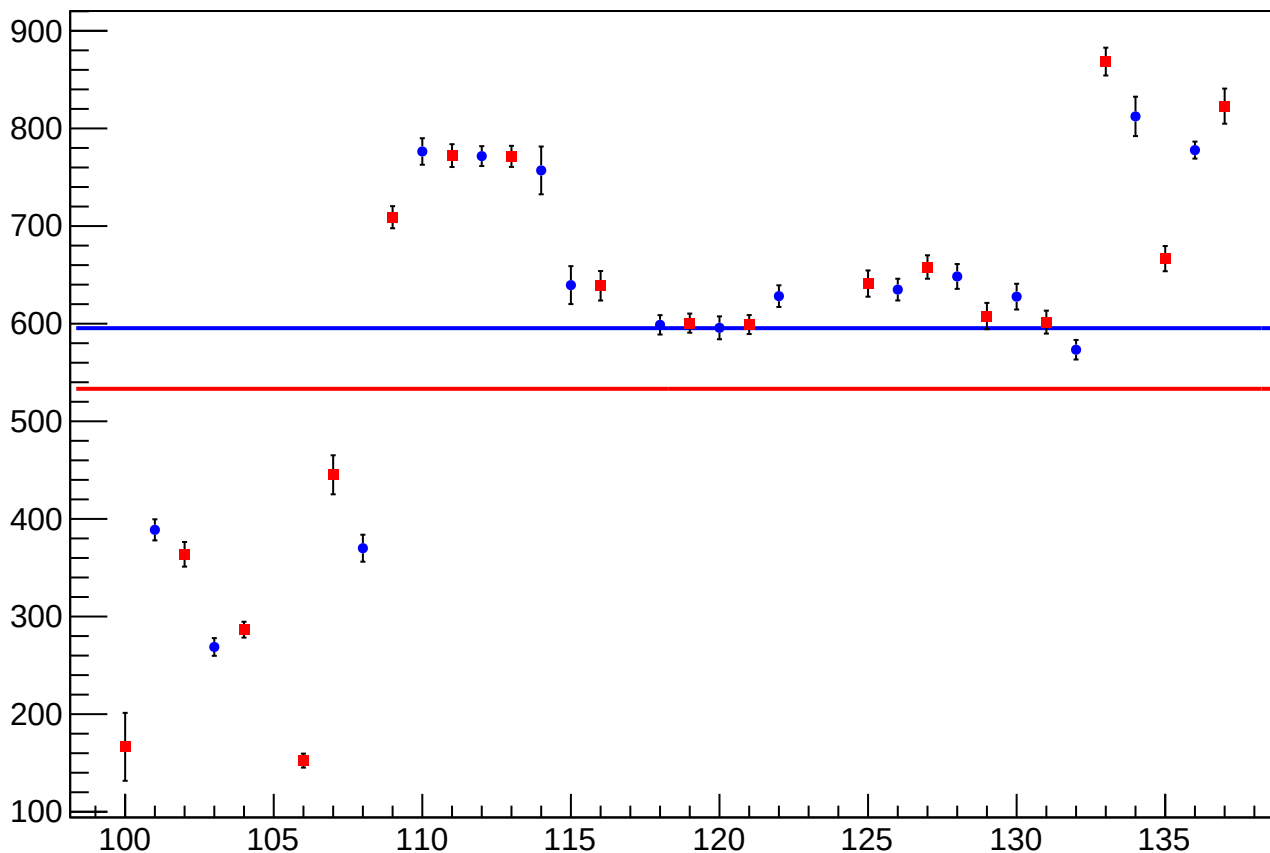
Right: 18.845+/-1.838 χ^2/NDF : 284.1/33

In: 16.780+/-2.654 χ^2/NDF : 125.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.845+/-1.838 χ^2/NDF : 284.1/33

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 595.406+/-2.930 χ^2/NDF : 3059.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 533.283+/-2.746 χ^2/NDF : 6502.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

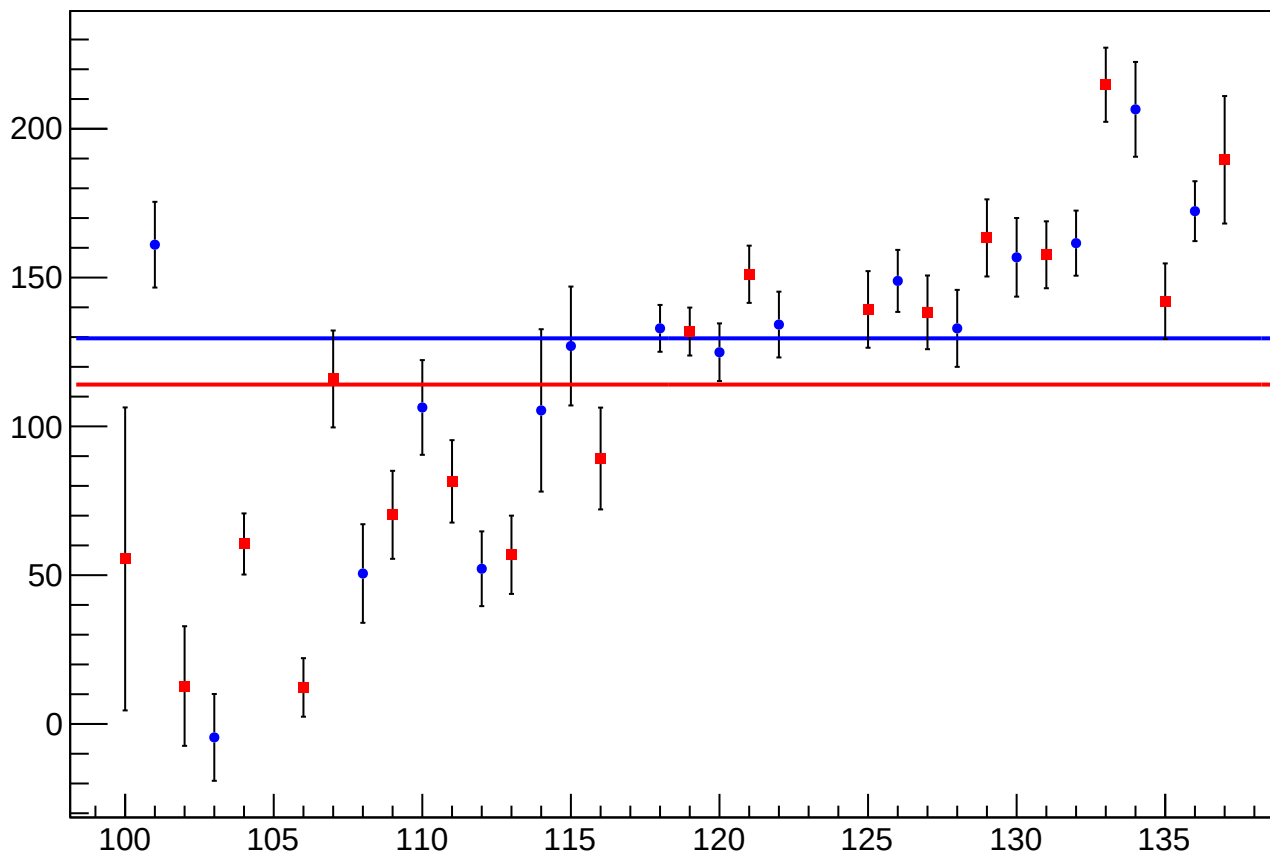
Right: 562.337+/-2.003 χ^2/NDF : 9802.0/33

In: 595.406+/-2.930 χ^2/NDF : 3059.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.337+/-2.003 χ^2/NDF : 9802.0/33

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 129.586+/-3.081 χ^2/NDF : 211.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 114.048+/-2.976 χ^2/NDF : 335.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

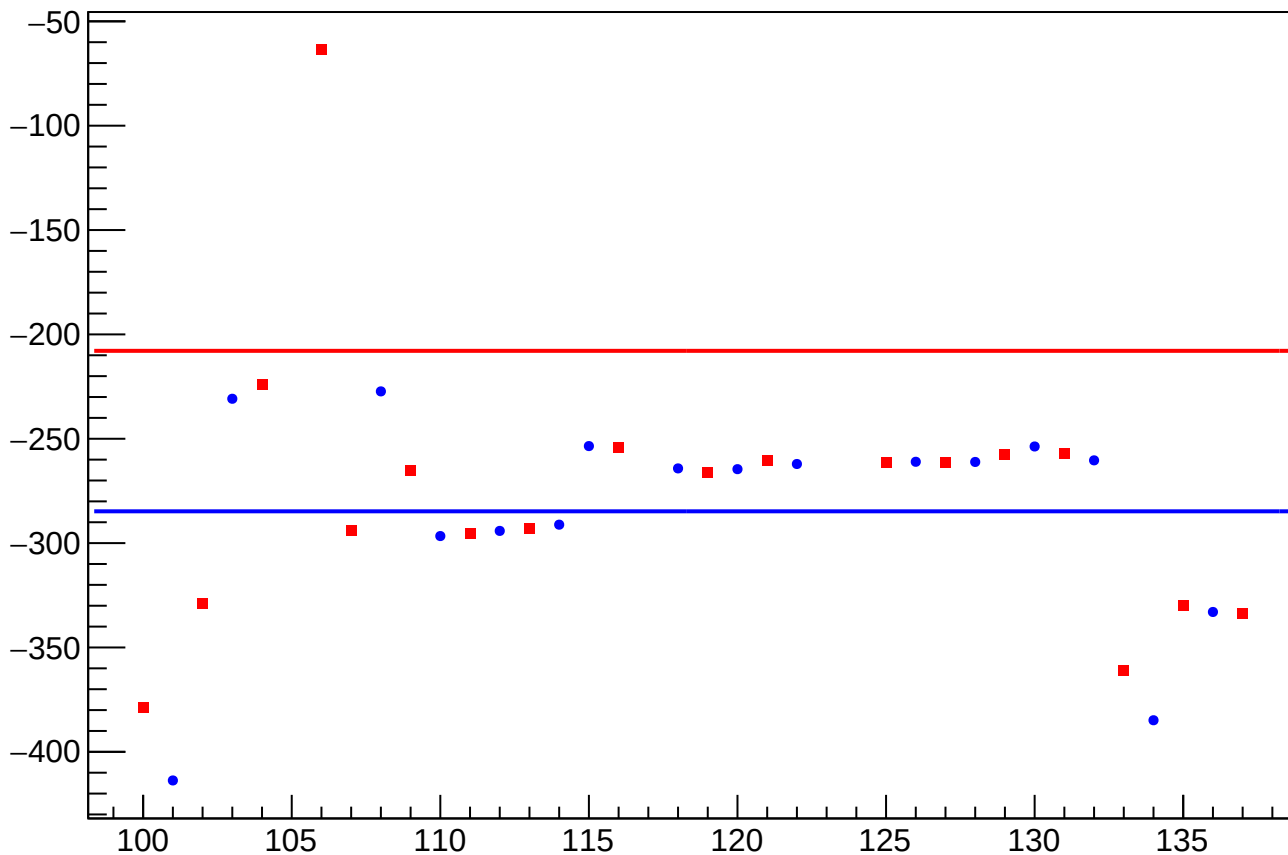
Right: 121.549+/-2.140 χ^2/NDF : 560.3/33

In: 129.586+/-3.081 χ^2/NDF : 211.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 121.549+/-2.140 χ^2/NDF : 560.3/33

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -284.765+/-0.178 χ^2/NDF : 104370.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -207.875+/-0.149 χ^2/NDF : 536707.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

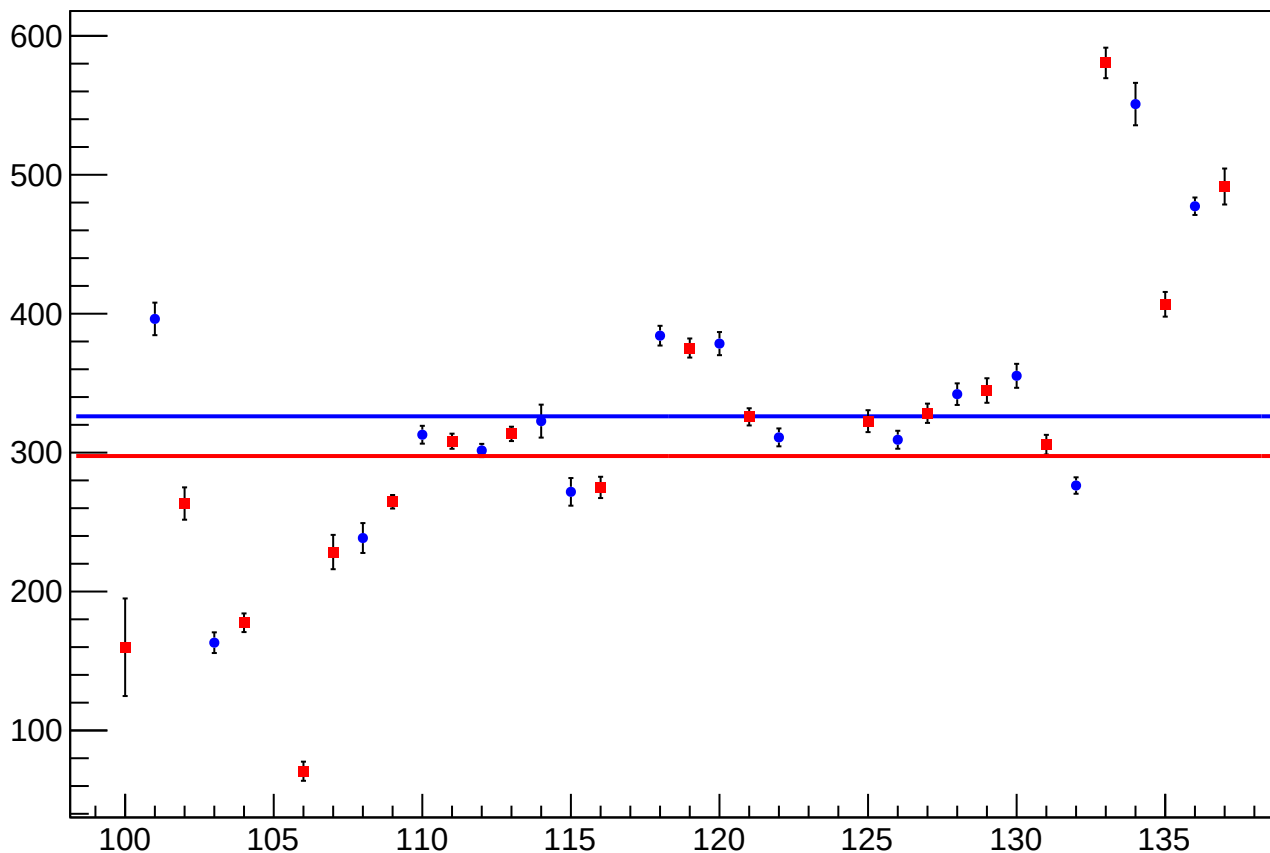
Right: -239.608+/-0.114 χ^2/NDF : 751214.9/33

In: -284.765+/-0.178 χ^2/NDF :104370.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -239.608+/-0.114 χ^2/NDF : 751214.9/33

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 326.133+/-1.857 χ^2/NDF : 1642.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.538+/-1.735 χ^2/NDF : 2775.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

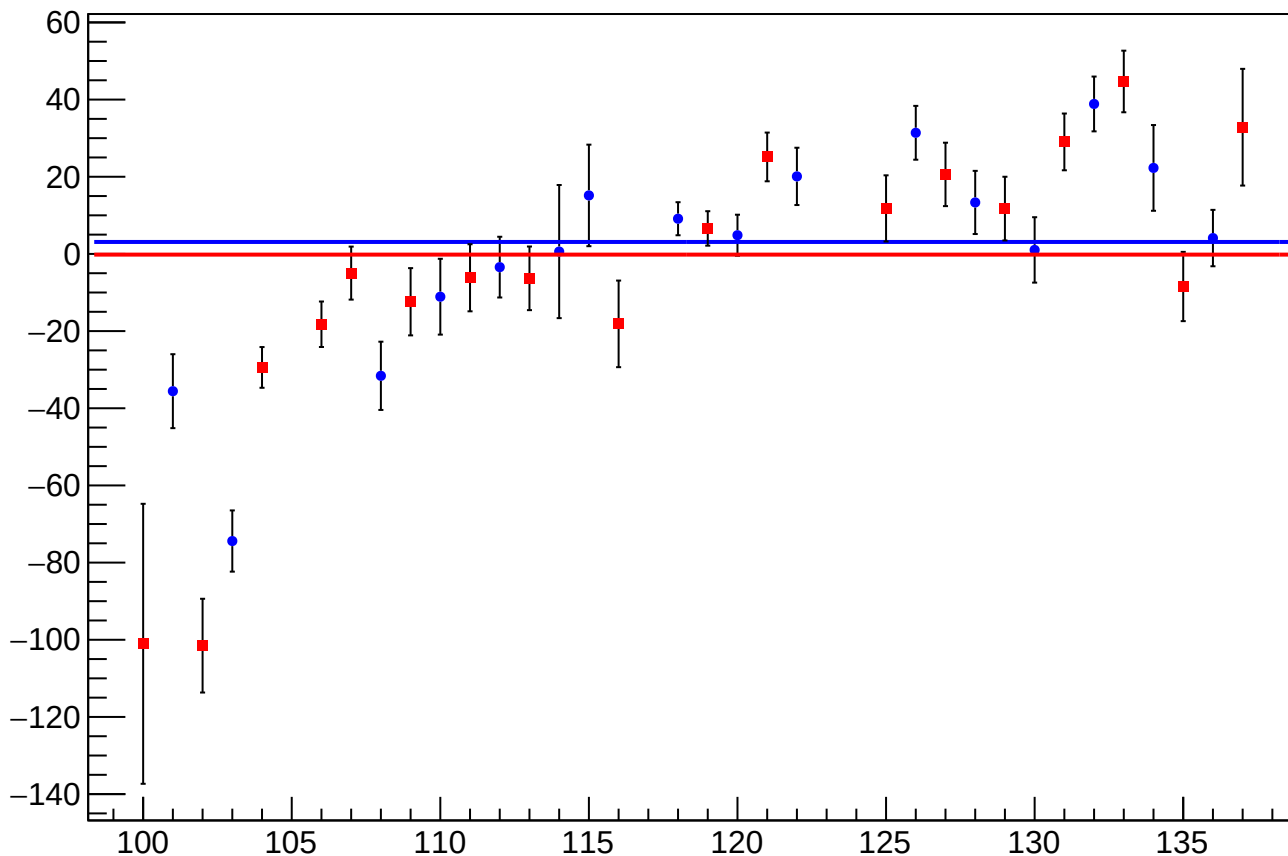
Right: 310.864+/-1.268 χ^2/NDF : 4545.0/33

In: 326.133+/-1.857 χ^2/NDF : 1642.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 310.864+/-1.268 χ^2/NDF : 4545.0/33

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 3.101+/-1.892 χ^2/NDF : 184.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.180+/-1.791 χ^2/NDF : 205.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

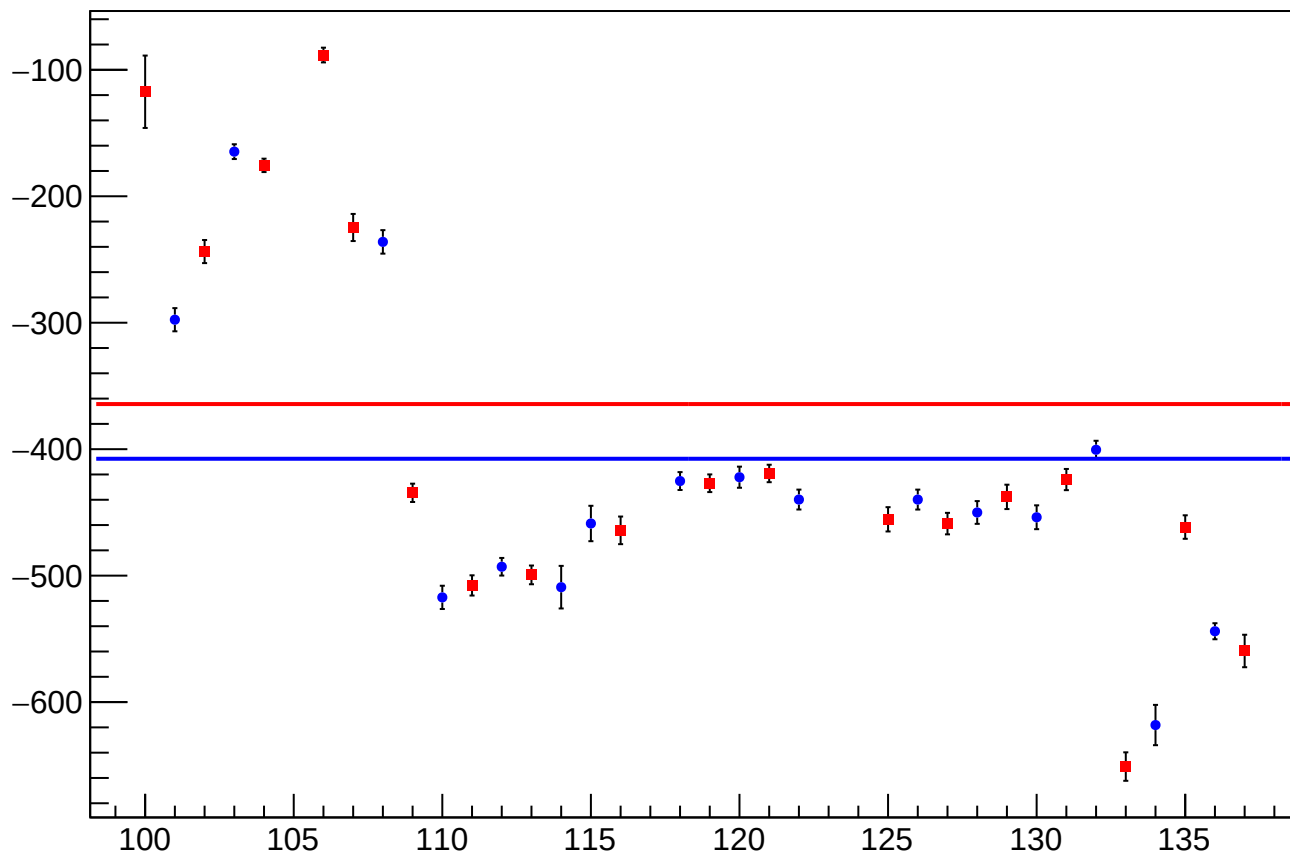
Right: 1.370+/-1.301 χ^2/NDF : 391.3/33

In: 3.101+/-1.892 χ^2/NDF : 184.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.370+/-1.301 χ^2/NDF : 391.3/33

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -407.575+/-2.074 χ^2/NDF : 3280.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -364.323+/-1.942 χ^2/NDF : 6220.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

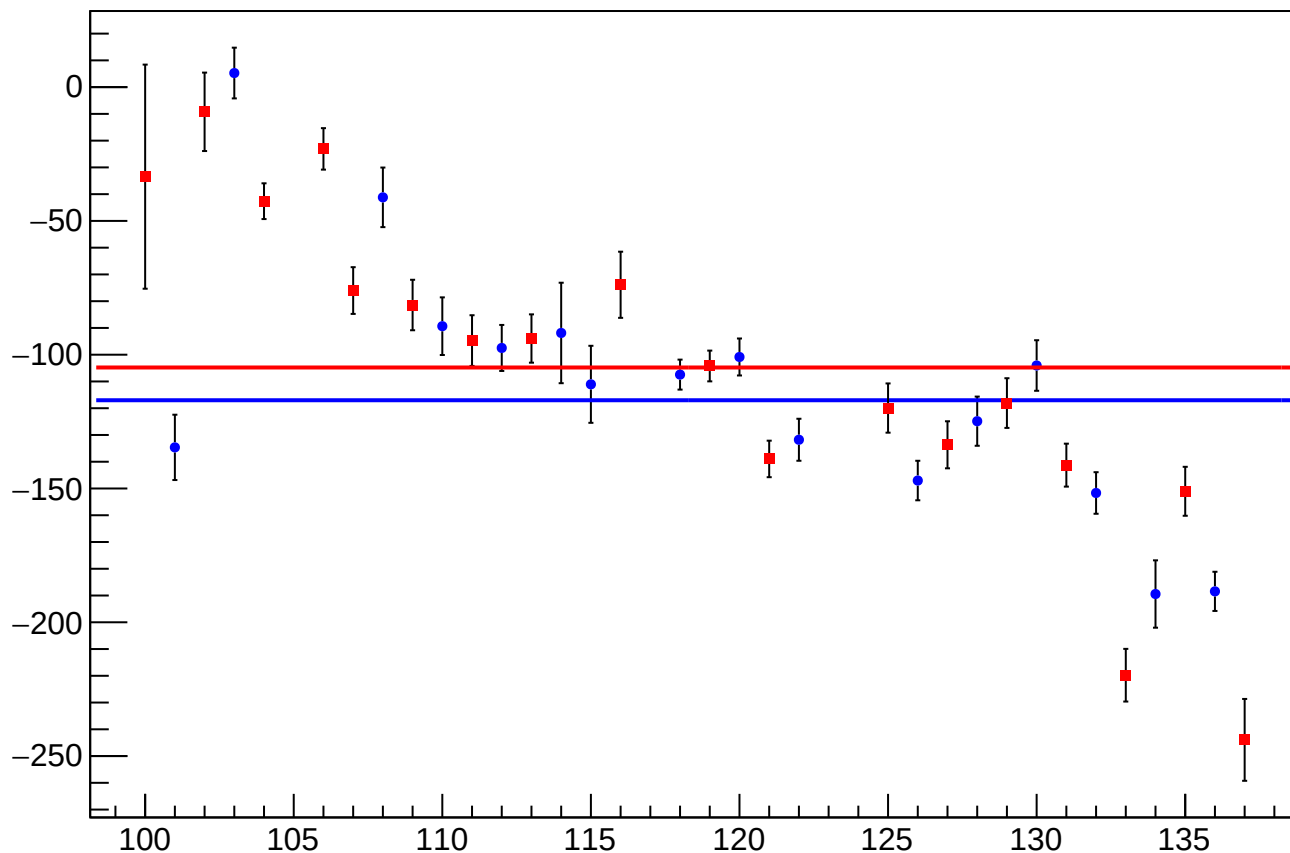
Right: -384.535+/-1.418 χ^2/NDF : 9732.7/33

In: -407.575+/-2.074 χ^2/NDF : 3280.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.535+/-1.418 χ^2/NDF : 9732.7/33

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -117.021 $\pm$ 2.194 χ^2 /NDF: 407.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -104.780 $\pm$ 2.091 χ^2 /NDF: 575.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

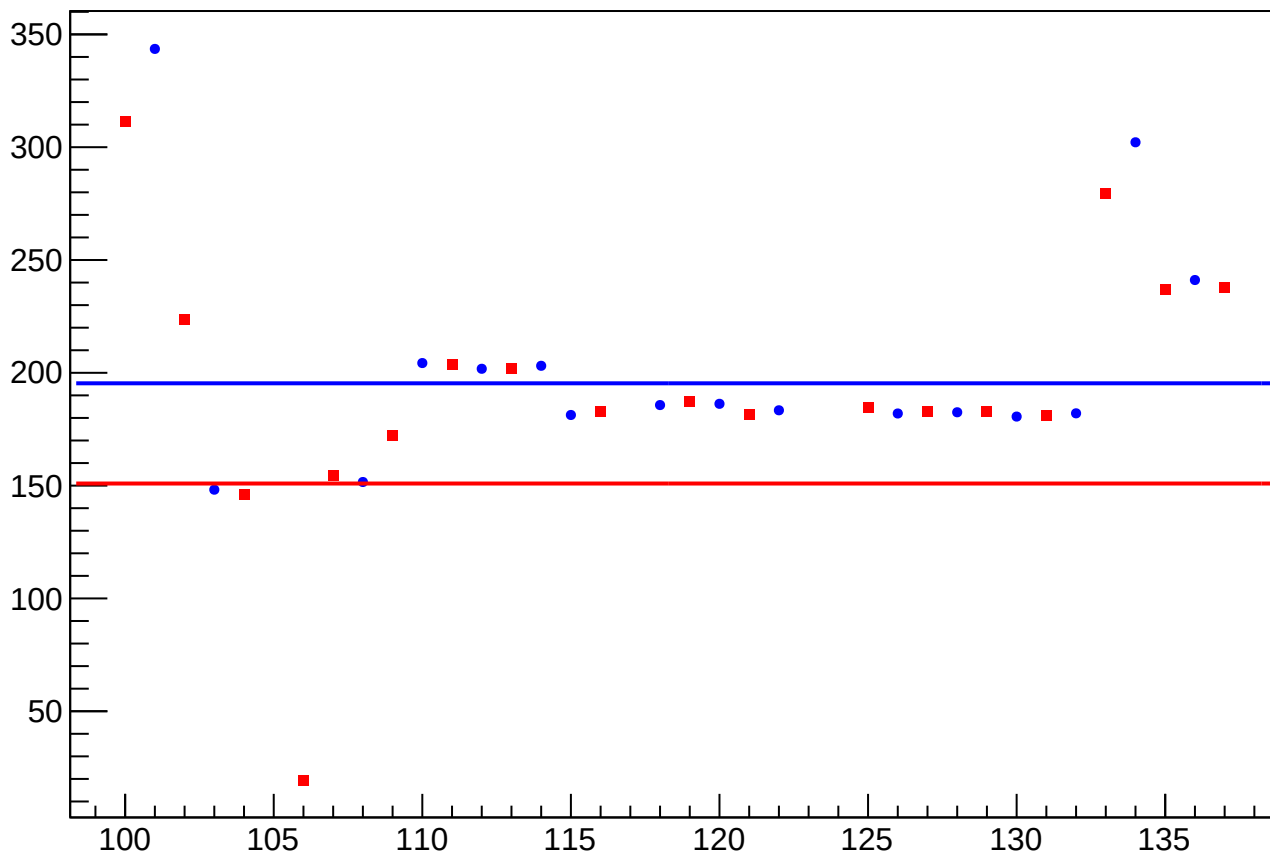
Right: -110.605 $\pm$ 1.514 χ^2 /NDF: 999.2/33

In: -117.021 $\pm$ 2.194 χ^2 /NDF:407.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -110.605 $\pm$ 1.514 χ^2 /NDF: 999.2/33

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 195.351+/-0.125 χ^2/NDF : 176975.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 150.932+/-0.110 χ^2/NDF : 499233.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

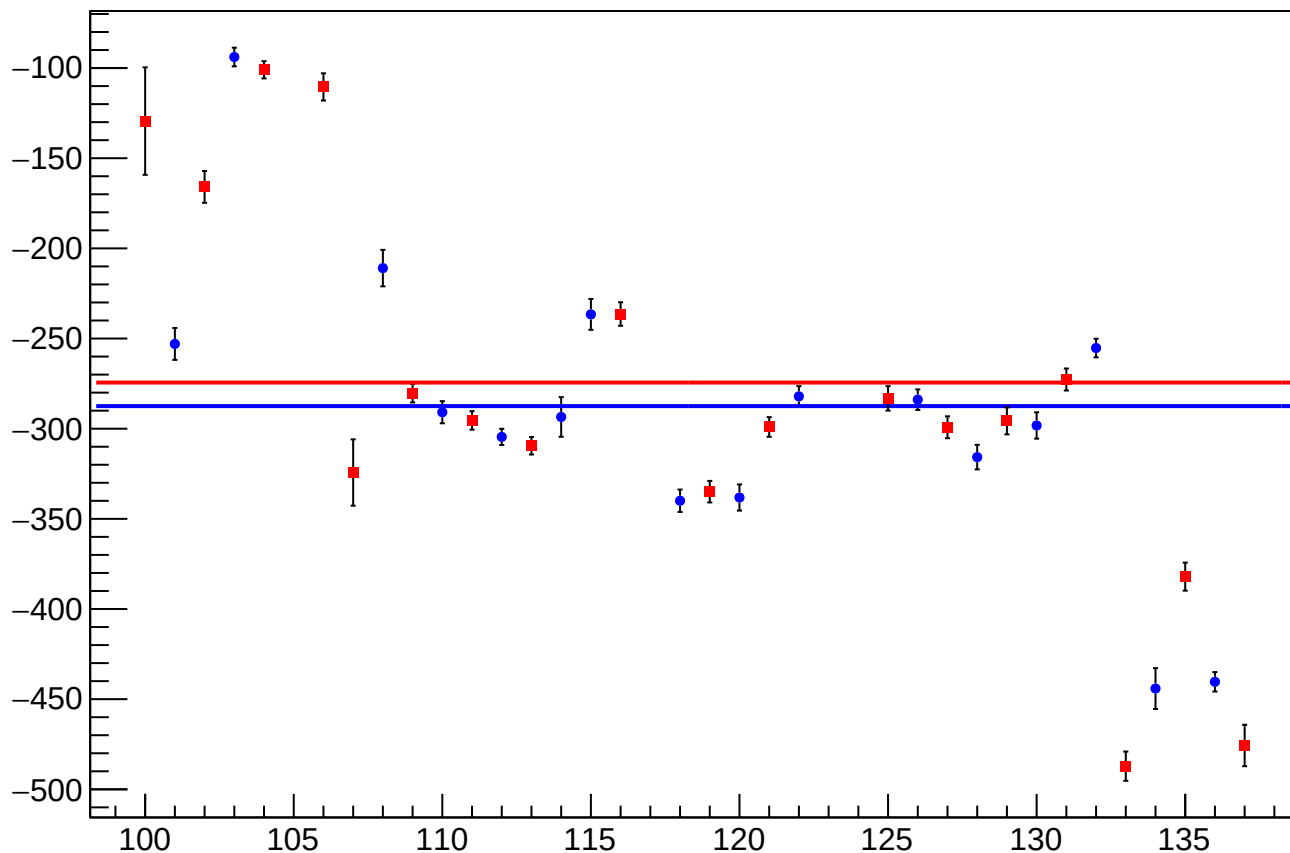
Right: 170.416+/-0.083 χ^2/NDF : 747517.5/33

In: 195.351+/-0.125 χ^2/NDF : 176975.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.416+/-0.083 χ^2/NDF : 747517.5/33

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -287.476 ± 1.611 χ^2/NDF : 2696.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -274.417 ± 1.551 χ^2/NDF : 3413.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

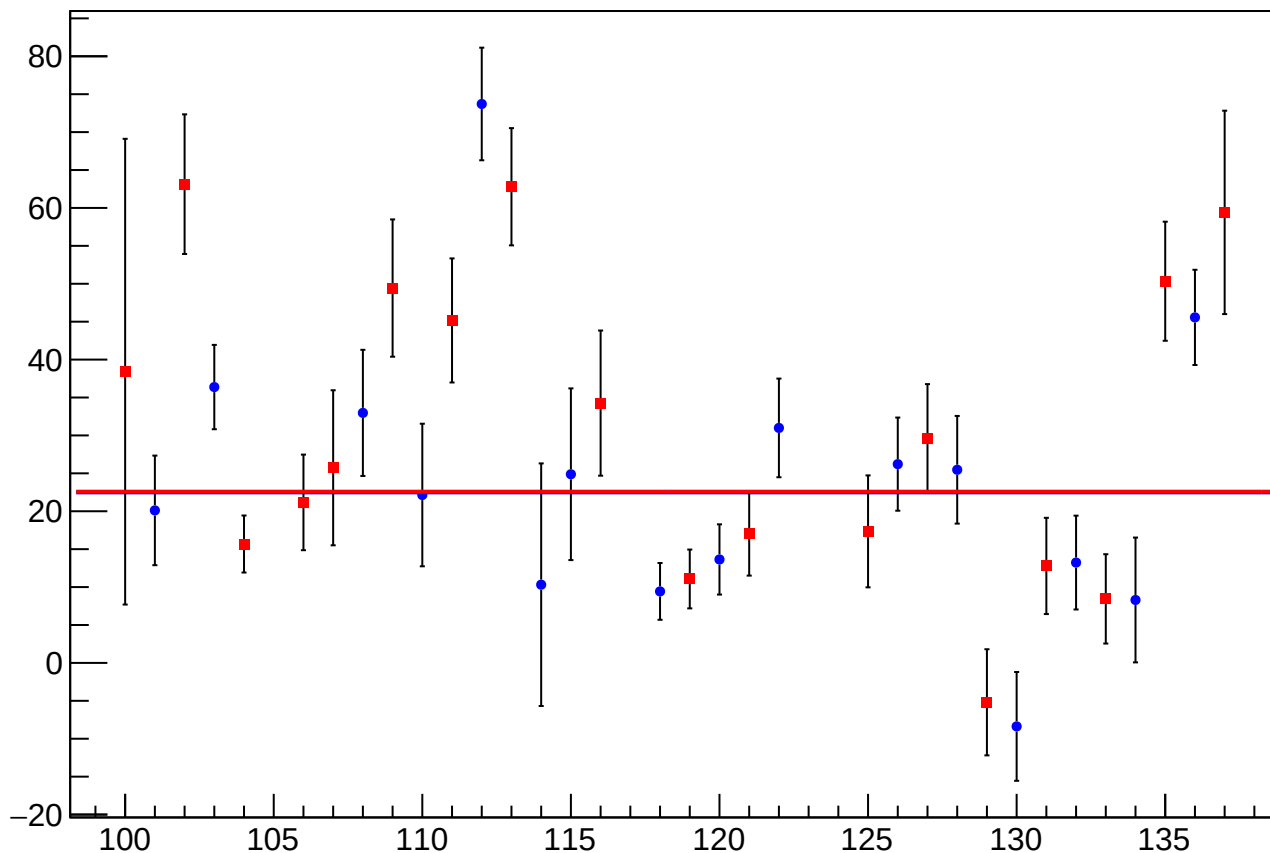
Right: -280.699 ± 1.118 χ^2/NDF : 6144.0/33

In: -287.476 ± 1.611 χ^2/NDF : 2696.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -280.699 ± 1.118 χ^2/NDF : 6144.0/33

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 22.492+/-1.621 χ^2/NDF : 111.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.580+/-1.570 χ^2/NDF : 123.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

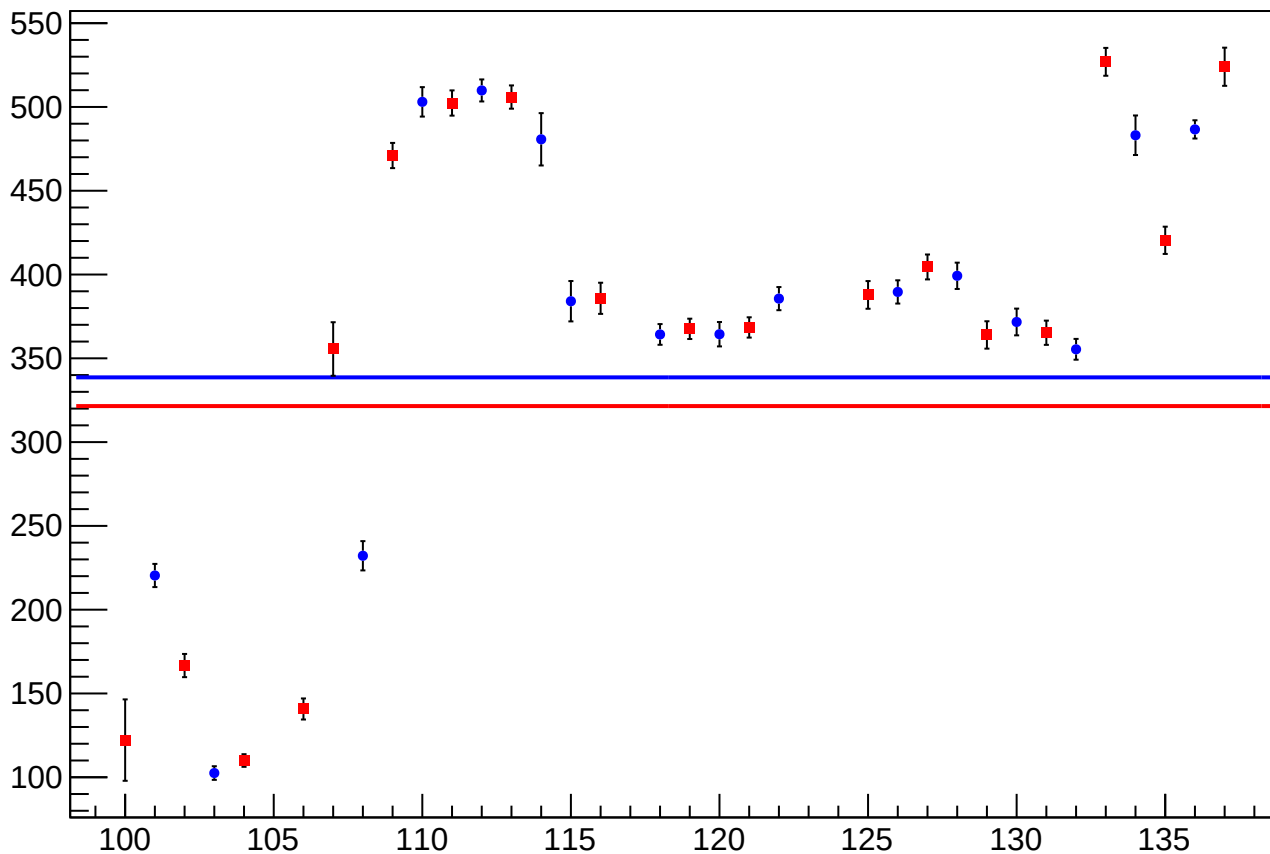
Right: 22.537+/-1.128 χ^2/NDF : 234.8/33

In: 22.492+/-1.621 χ^2/NDF : 111.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.537+/-1.128 χ^2/NDF : 234.8/33

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 338.633+/-1.748 χ^2/NDF : 6042.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 321.500+/-1.694 χ^2/NDF : 7720.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

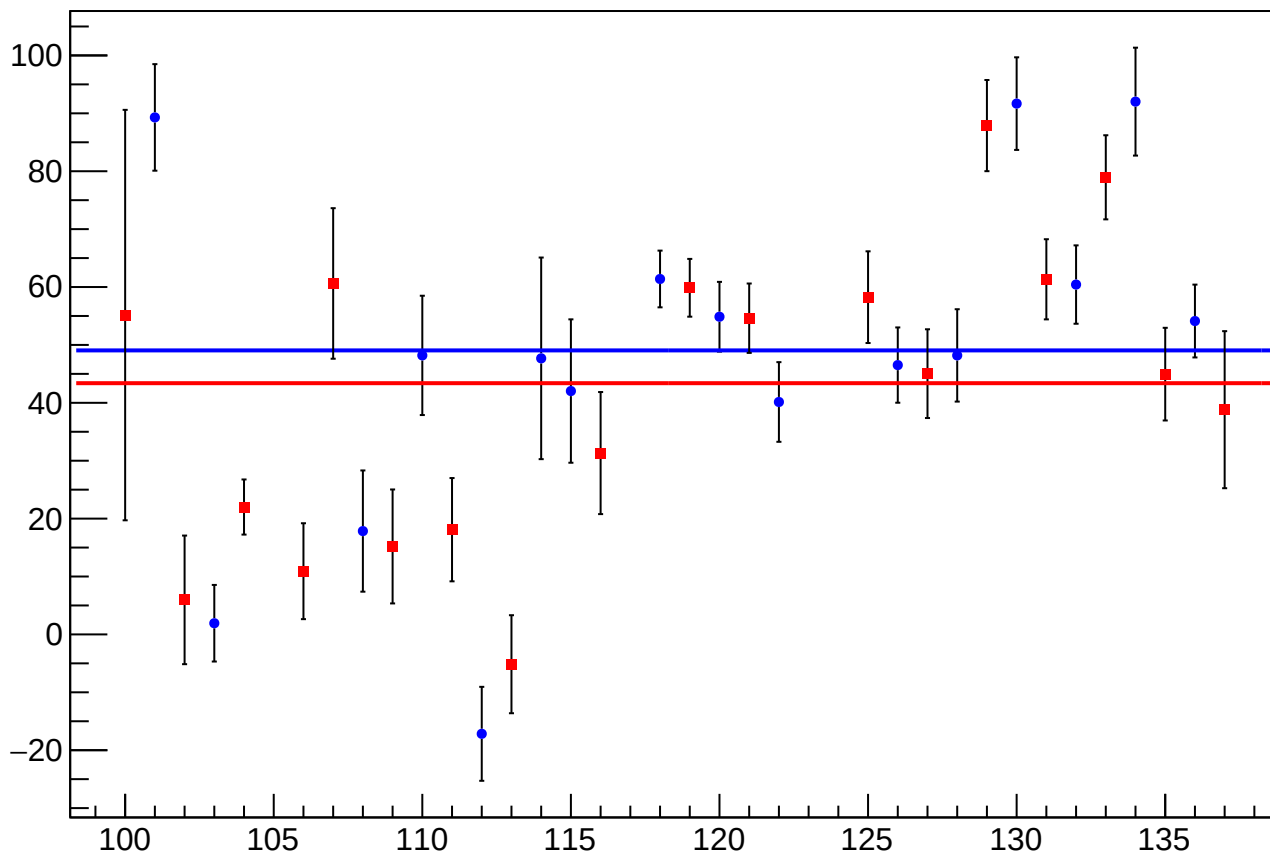
Right: 329.797+/-1.217 χ^2/NDF : 13813.0/33

In: 338.633+/-1.748 χ^2/NDF :6042.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 329.797+/-1.217 χ^2/NDF : 13813.0/33

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 49.053+/-1.882 χ^2/NDF : 207.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.392+/-1.834 χ^2/NDF : 180.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

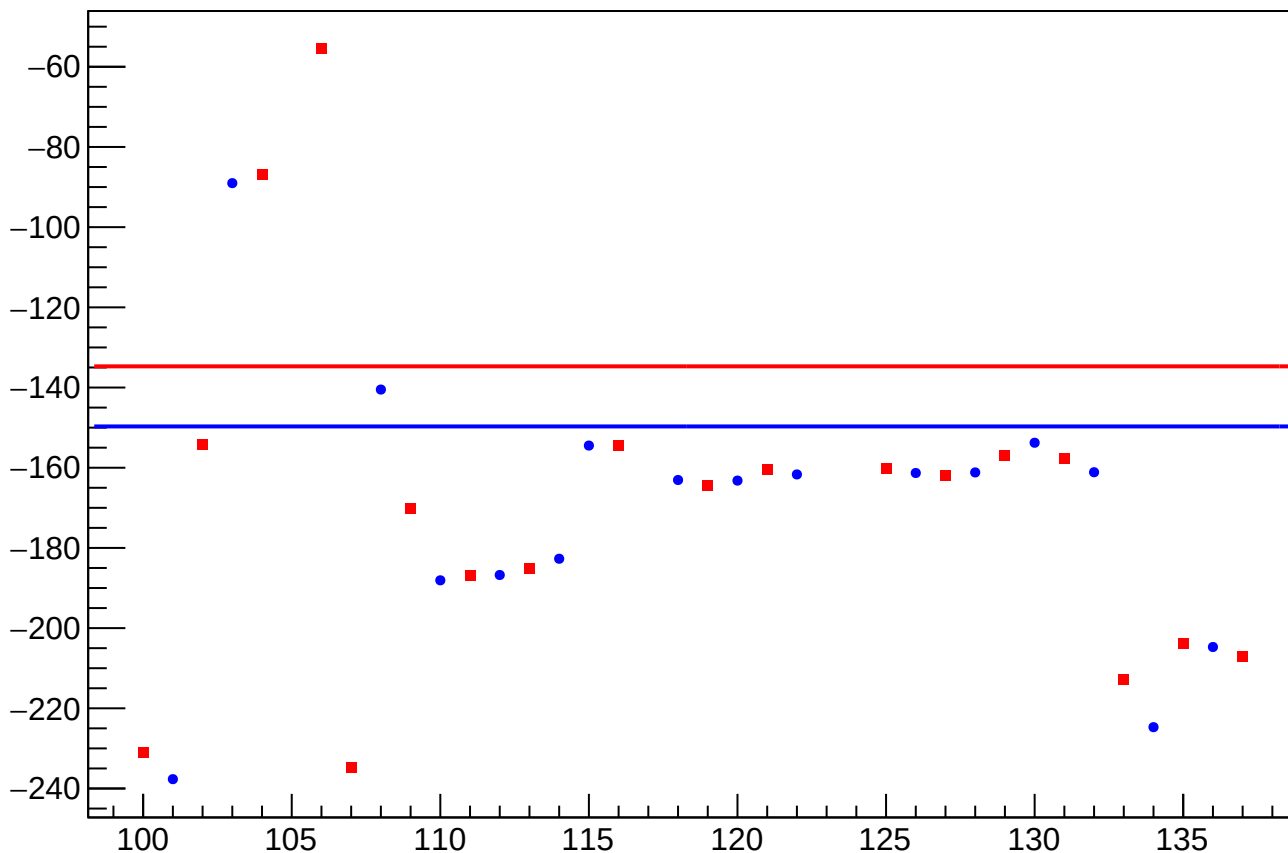
Right: 46.149+/-1.314 χ^2/NDF : 392.6/33

In: 49.053+/-1.882 χ^2/NDF : 207.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.149+/-1.314 χ^2/NDF : 392.6/33

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -149.698+/-0.101 χ^2/NDF : 256472.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -134.715+/-0.097 χ^2/NDF : 312639.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

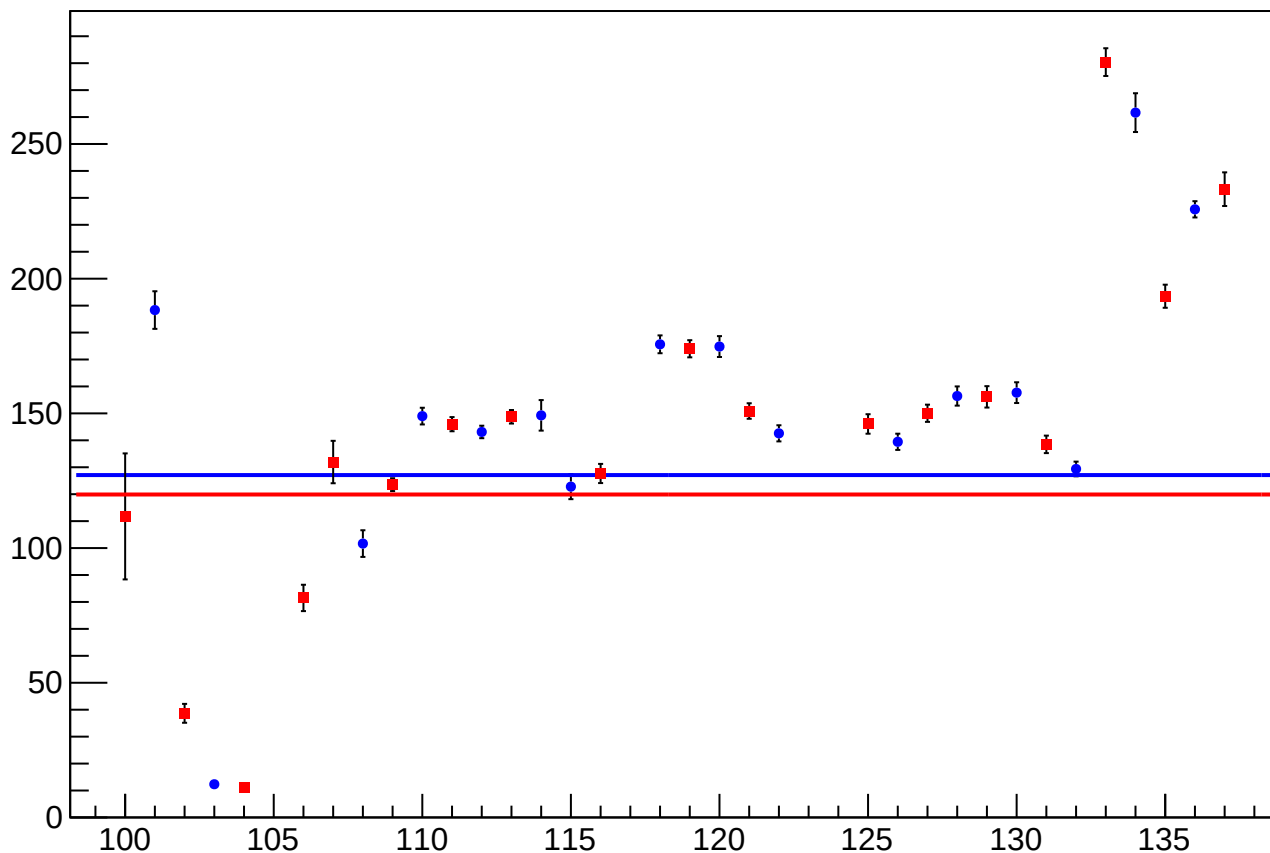
Right: -141.917+/-0.070 χ^2/NDF : 580582.0/33

In: -149.698+/-0.101 χ^2/NDF : 256472.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -141.917+/-0.070 χ^2/NDF : 580582.0/33

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 127.100 $\pm$ 0.811 χ^2 /NDF: 6163.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.886 $\pm$ 0.774 χ^2 /NDF: 6649.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

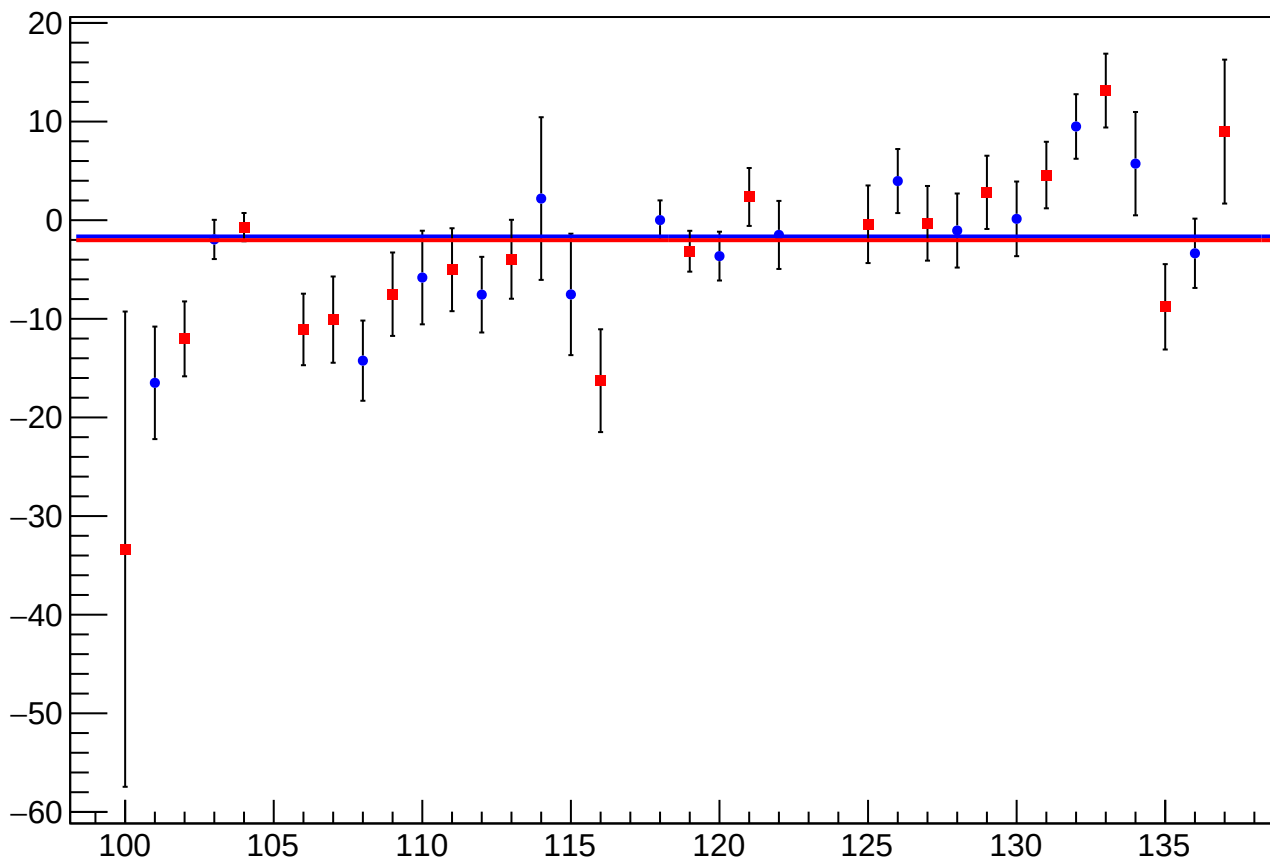
Right: 123.326 $\pm$ 0.560 χ^2 /NDF: 12854.2/33

In: 127.100 $\pm$ 0.811 χ^2 /NDF:6163.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.326 $\pm$ 0.560 χ^2 /NDF: 12854.2/33

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.651+/-0.833 χ^2/NDF : 39.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.027+/-0.770 χ^2/NDF : 58.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

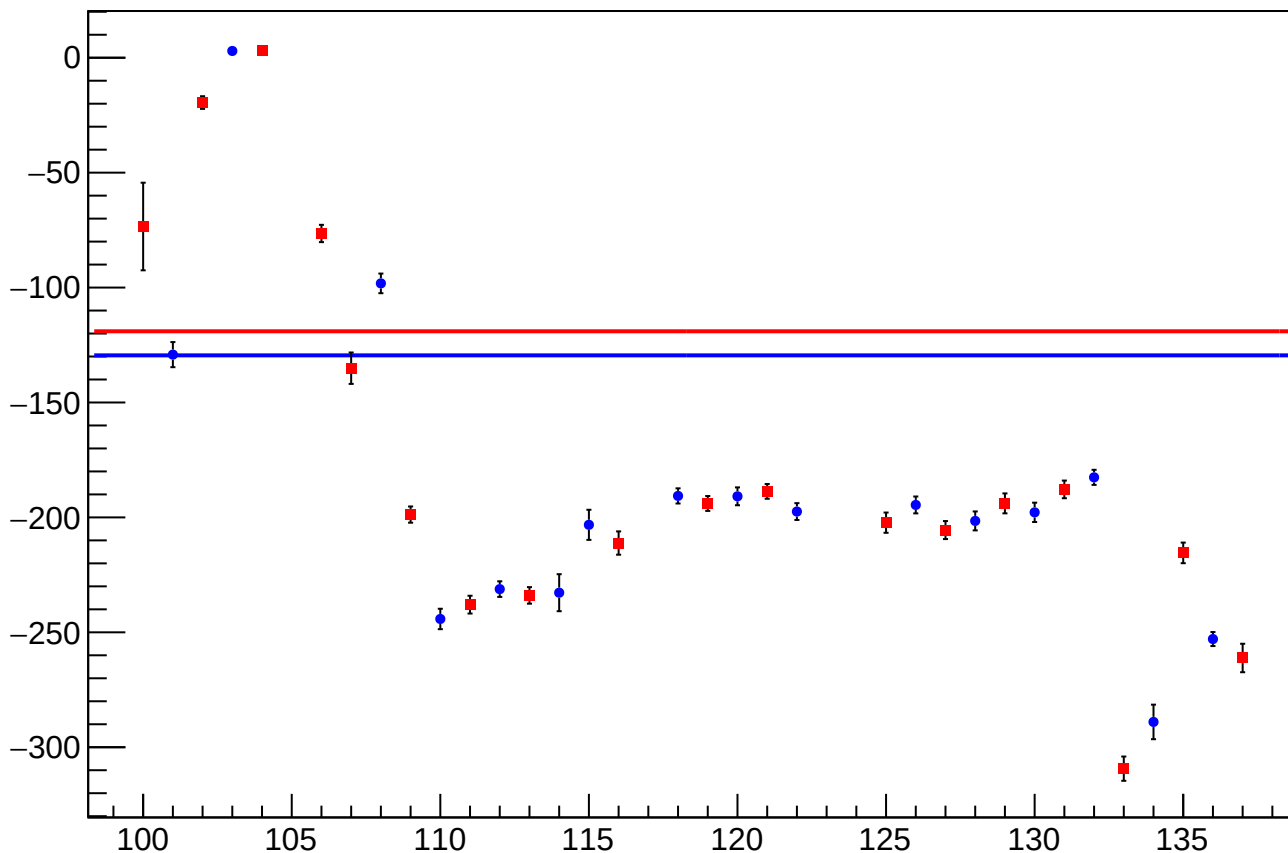
Right: -1.854+/-0.565 χ^2/NDF : 97.8/33

In: -1.651+/-0.833 χ^2/NDF : 39.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.854+/-0.565 χ^2/NDF : 97.8/33

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.497+/-0.846 χ^2/NDF : 14687.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -119.022+/-0.813 χ^2/NDF : 16177.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

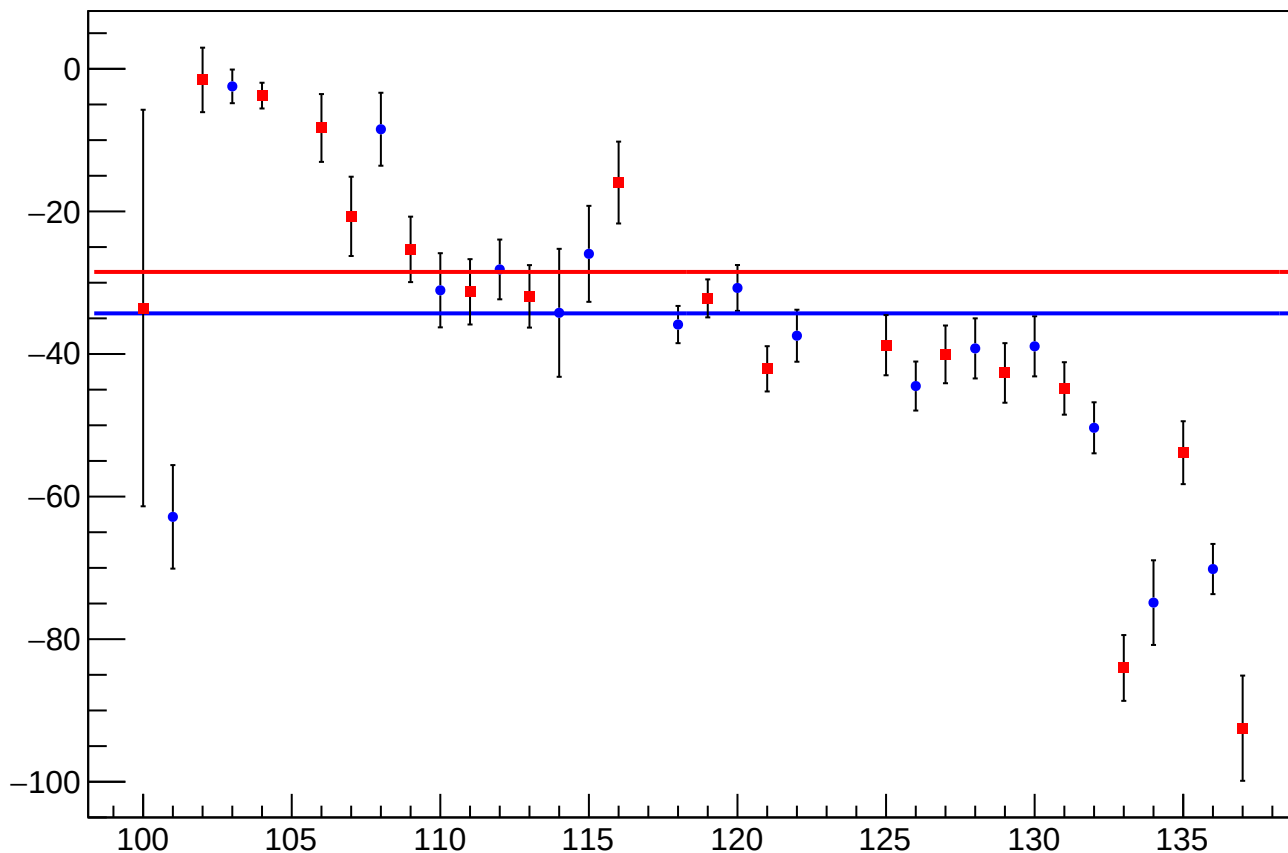
Right: -124.047+/-0.586 χ^2/NDF : 30944.8/33

In: -129.497+/-0.846 χ^2/NDF :14687.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -124.047+/-0.586 χ^2/NDF : 30944.8/33

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.301 ± 0.968 χ^2/NDF : 411.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.488 ± 0.907 χ^2/NDF : 568.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

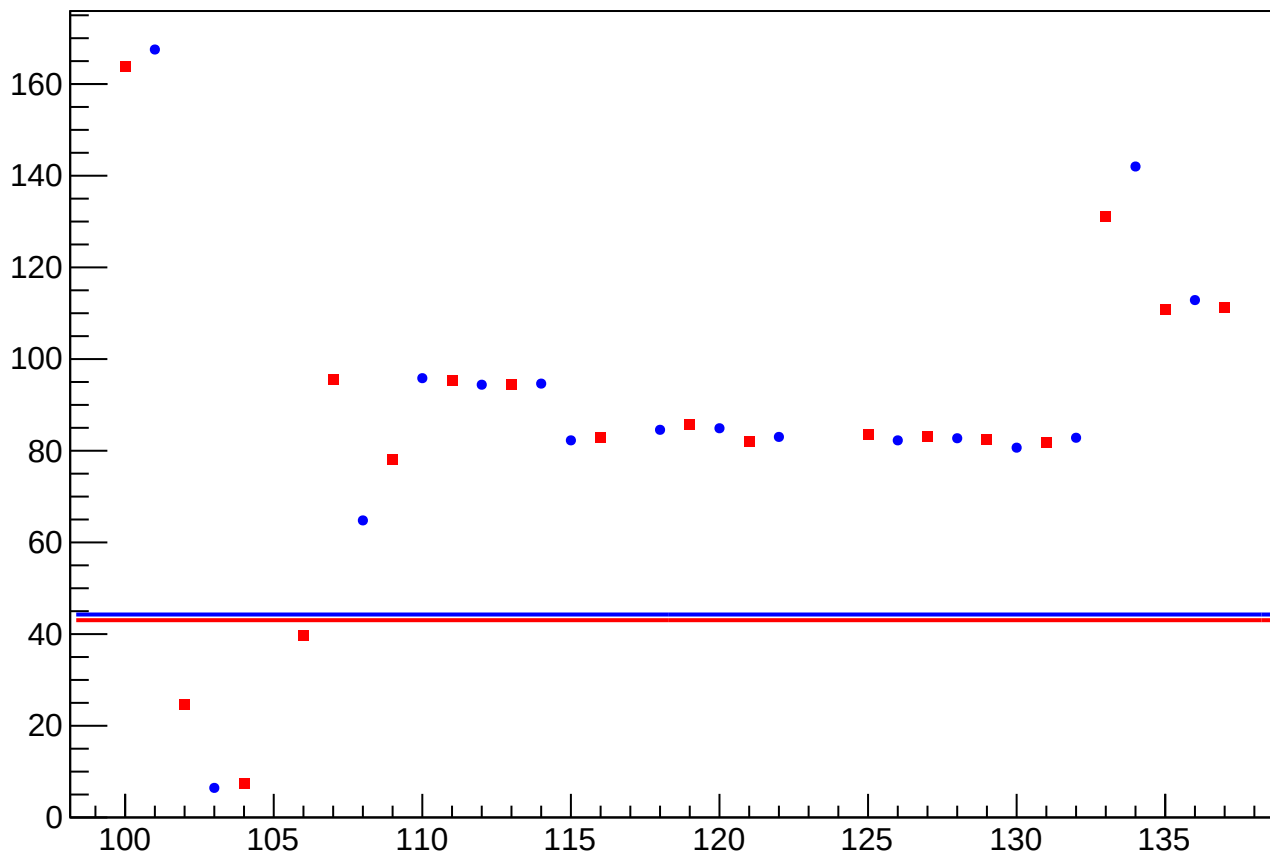
Right: -31.206 ± 0.662 χ^2/NDF : 998.5/33

In: -34.301 ± 0.968 χ^2/NDF : 411.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.206 ± 0.662 χ^2/NDF : 998.5/33

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 44.274+/-0.045 χ^2/NDF : 1085082.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.035+/-0.045 χ^2/NDF : 805108.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

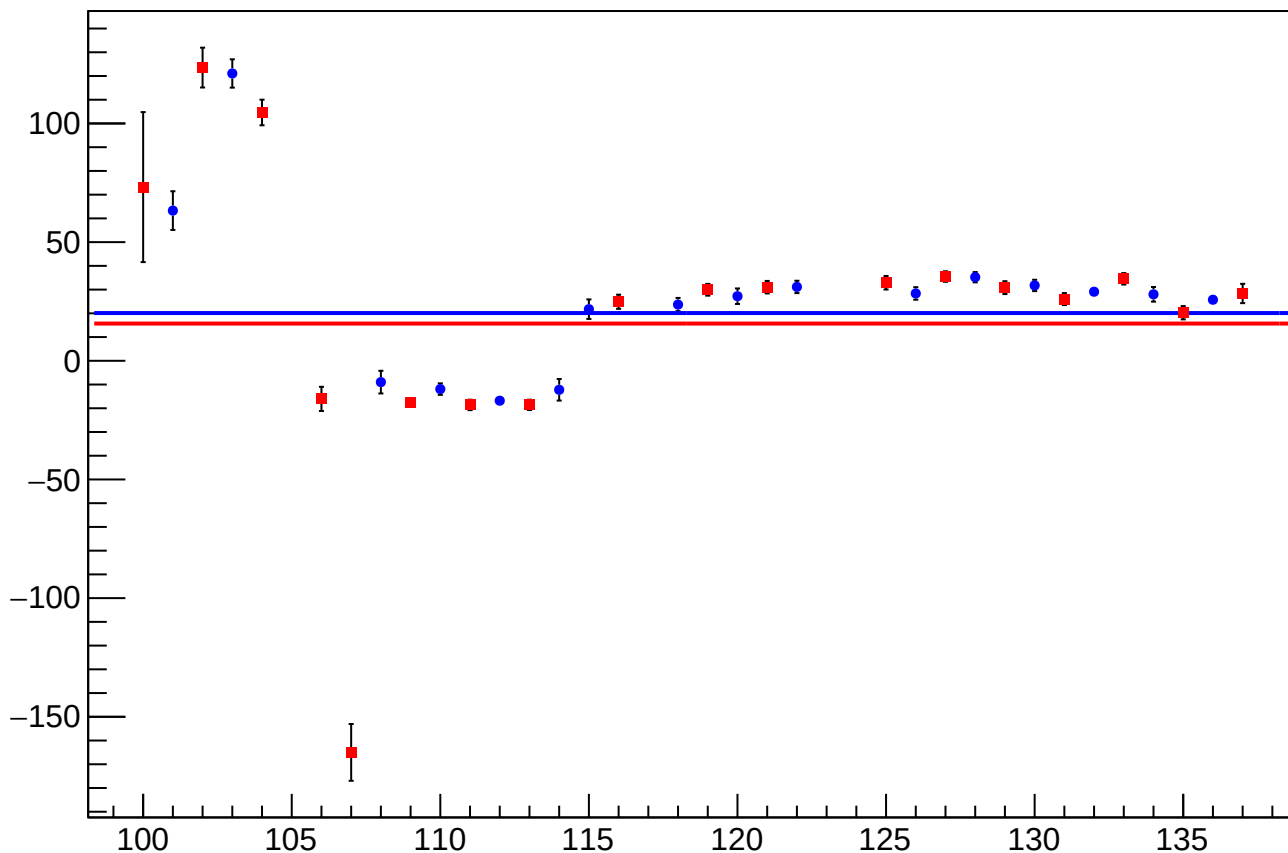
Right: 43.656+/-0.032 χ^2/NDF : 1890570.2/33

In: 44.274+/-0.045 χ^2/NDF : 1085082.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.656+/-0.032 χ^2/NDF : 1890570.2/33

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 20.117+/-0.687 χ^2 /NDF: 1048.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 15.700+/-0.682 χ^2 /NDF: 1773.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

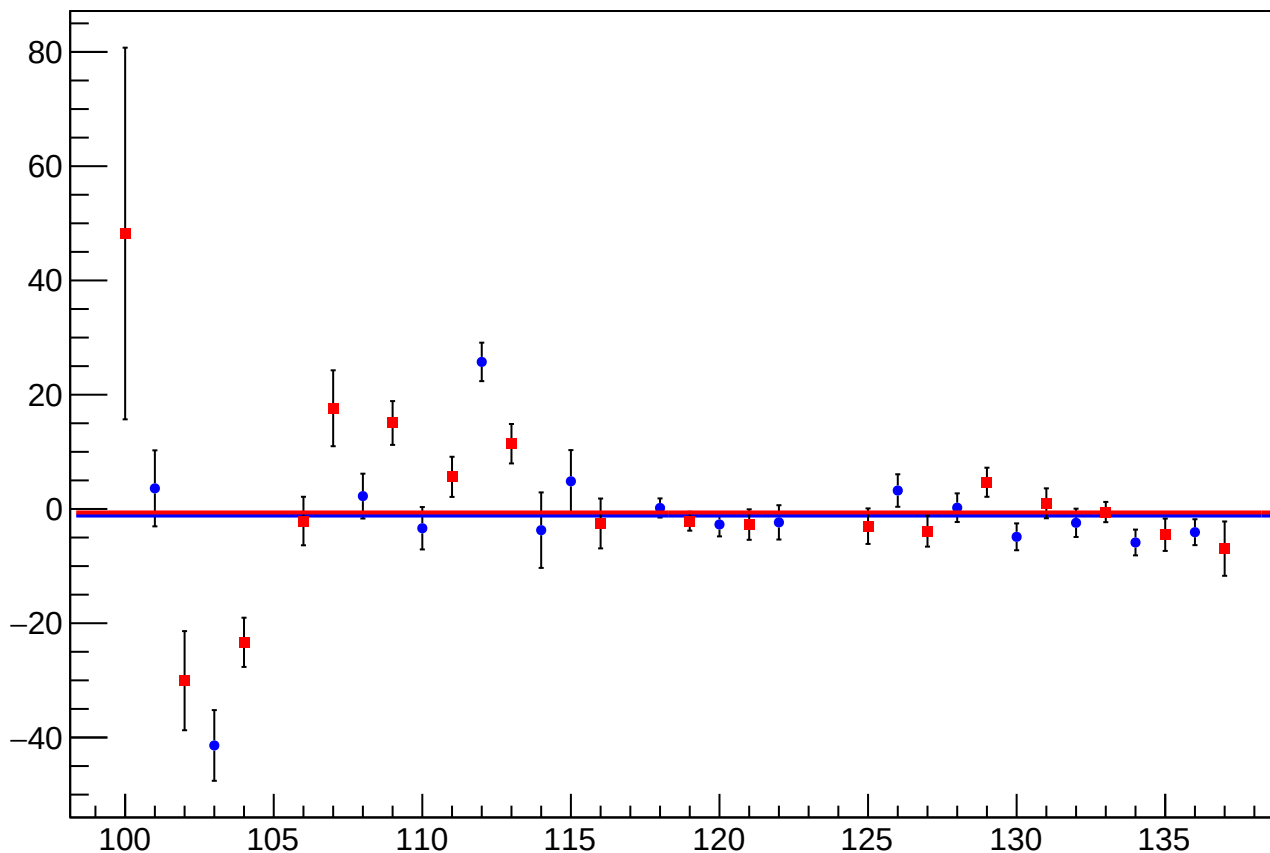
Right: 17.893+/-0.484 χ^2 /NDF: 2842.7/33

In: 20.117+/-0.687 χ^2 /NDF:1048.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.893+/-0.484 χ^2 /NDF: 2842.7/33

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -1.151+/-0.699 χ^2/NDF : 121.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.614+/-0.713 χ^2/NDF : 93.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

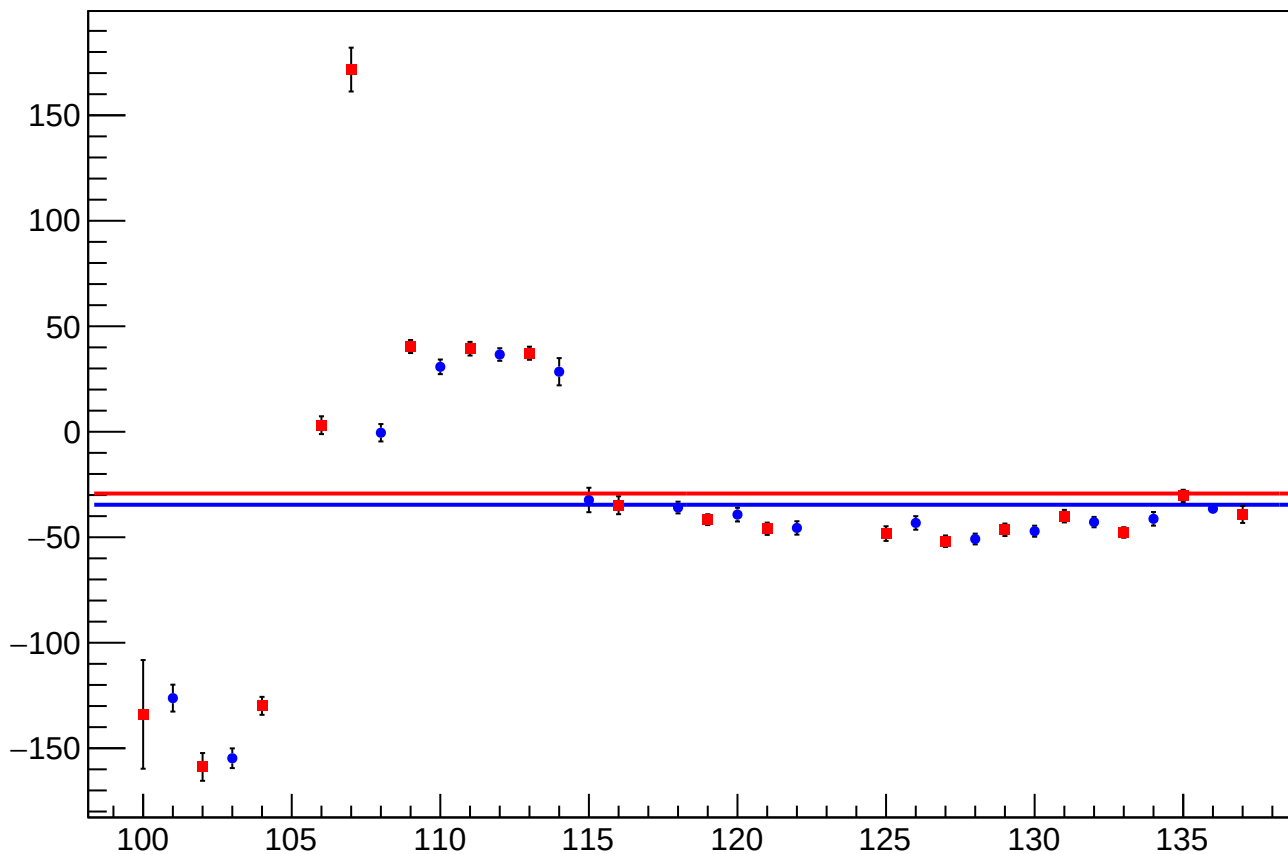
Right: -0.888+/-0.499 χ^2/NDF : 215.5/33

In: -1.151+/-0.699 χ^2/NDF : 121.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.888+/-0.499 χ^2/NDF : 215.5/33

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -34.598 ± 0.786 χ^2/NDF : 2058.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.277 ± 0.800 χ^2/NDF : 3081.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

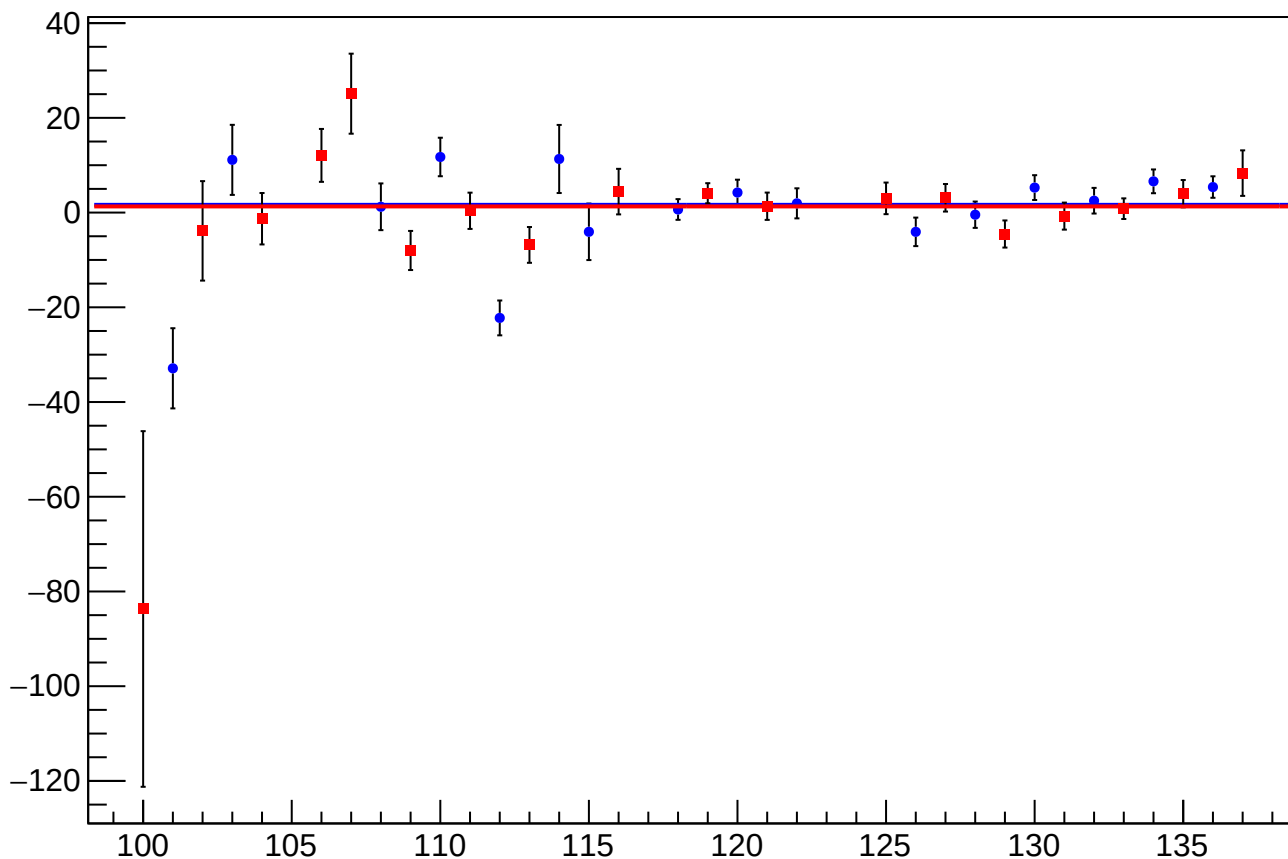
Right: -31.983 ± 0.561 χ^2/NDF : 5162.0/33

In: -34.598 ± 0.786 χ^2/NDF : 2058.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.983 ± 0.561 χ^2/NDF : 5162.0/33

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 1.630+/-0.797 χ^2/NDF : 83.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.298+/-0.817 χ^2/NDF : 37.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

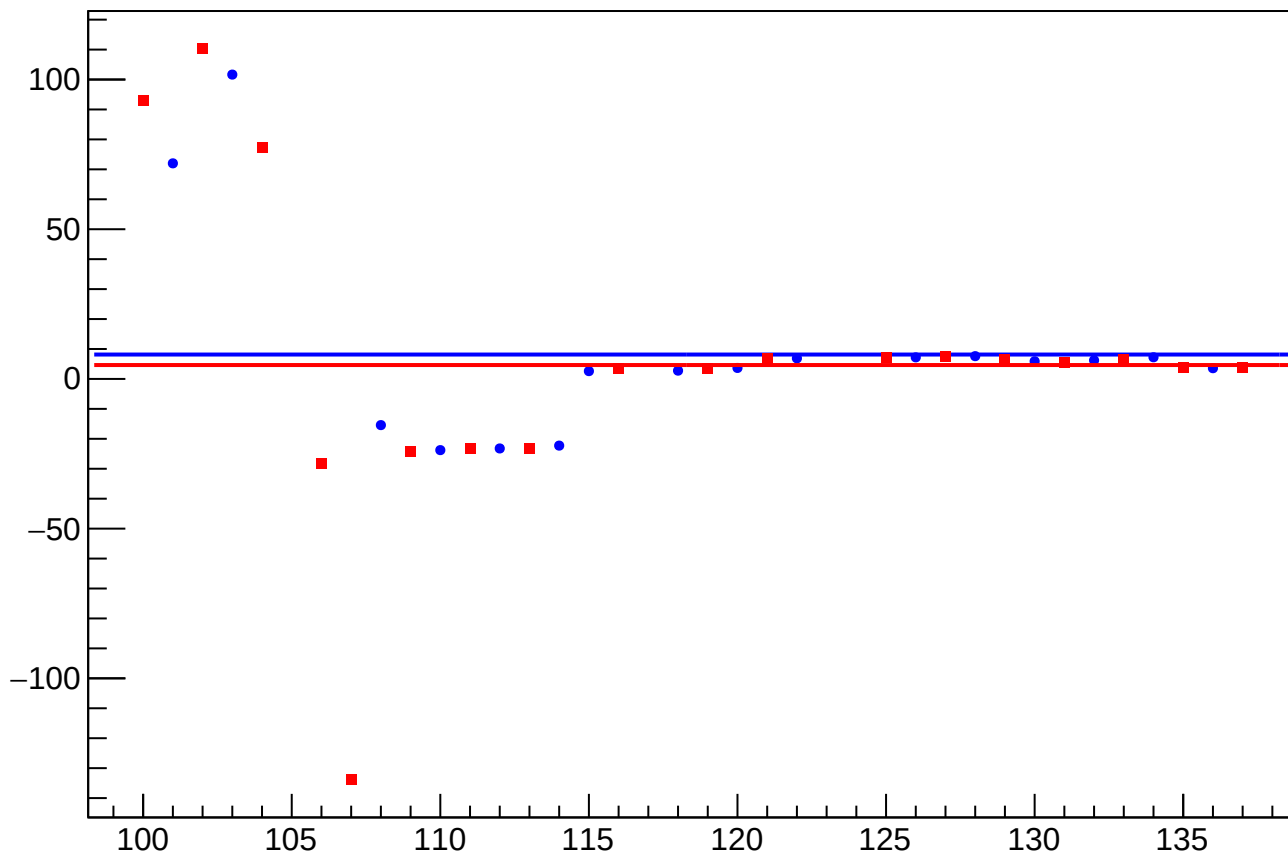
Right: 1.468+/-0.570 χ^2/NDF : 120.9/33

In: 1.630+/-0.797 χ^2/NDF : 83.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.468+/-0.570 χ^2/NDF : 120.9/33

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 8.146+/-0.048 χ^2/NDF : 313350.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.638+/-0.052 χ^2/NDF : 446805.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

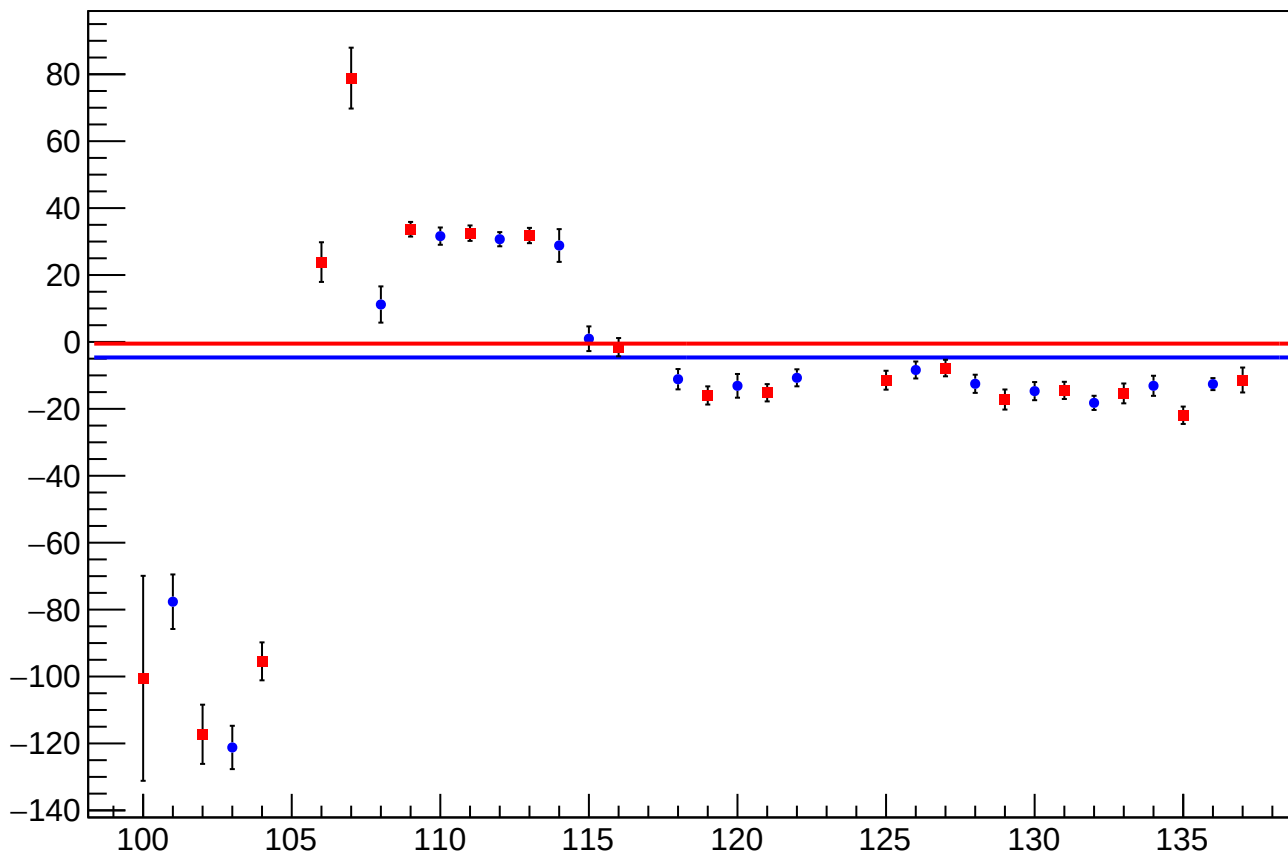
Right: 6.508+/-0.035 χ^2/NDF : 762611.1/33

In: 8.146+/-0.048 χ^2/NDF : 313350.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.508+/-0.035 χ^2/NDF : 762611.1/33

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.640+/-0.712 χ^2/NDF : 1046.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.505+/-0.711 χ^2/NDF : 1457.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

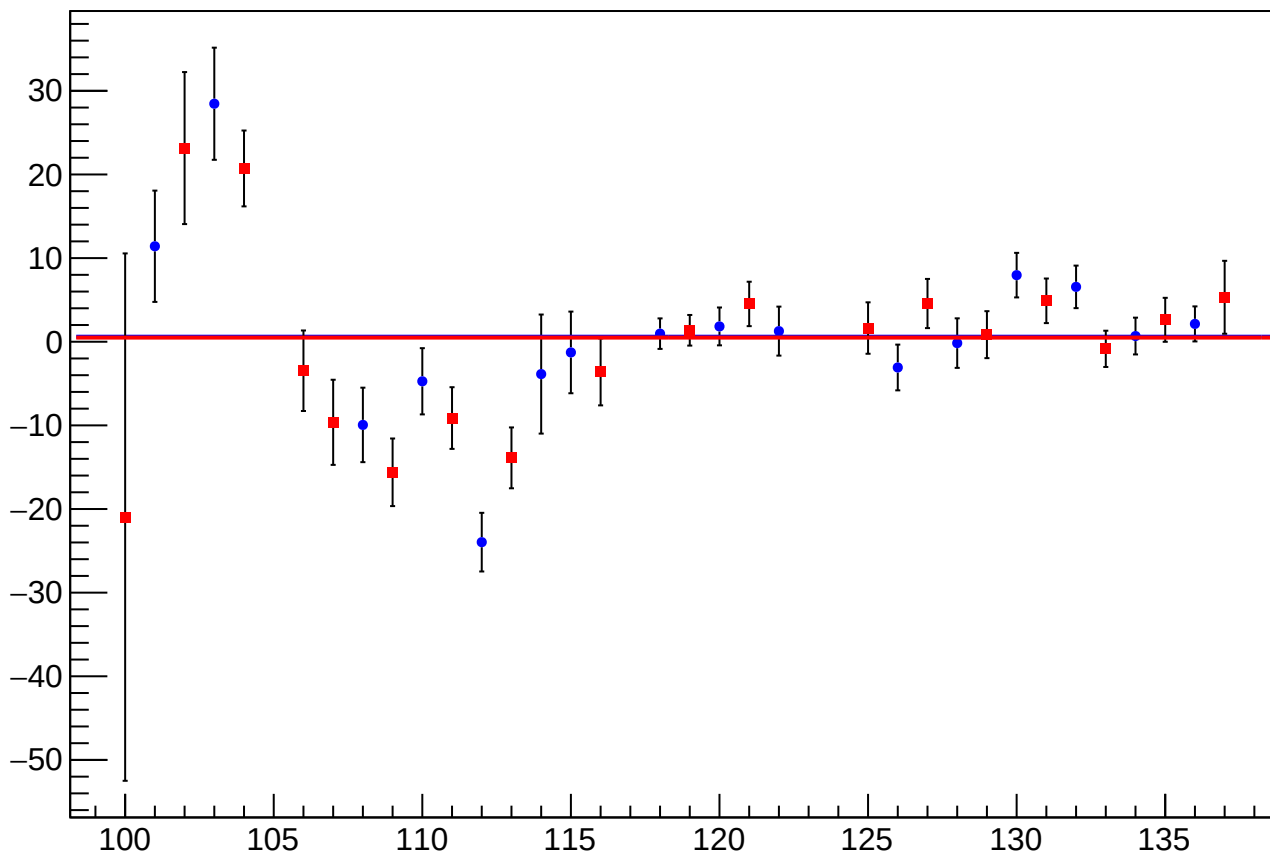
Right: -2.571+/-0.503 χ^2/NDF : 2521.0/33

In: -4.640+/-0.712 χ^2/NDF : 1046.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.571+/-0.503 χ^2/NDF : 2521.0/33

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.602 $\pm$ 0.727 χ^2 /NDF: 92.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.496 $\pm$ 0.755 χ^2 /NDF: 80.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

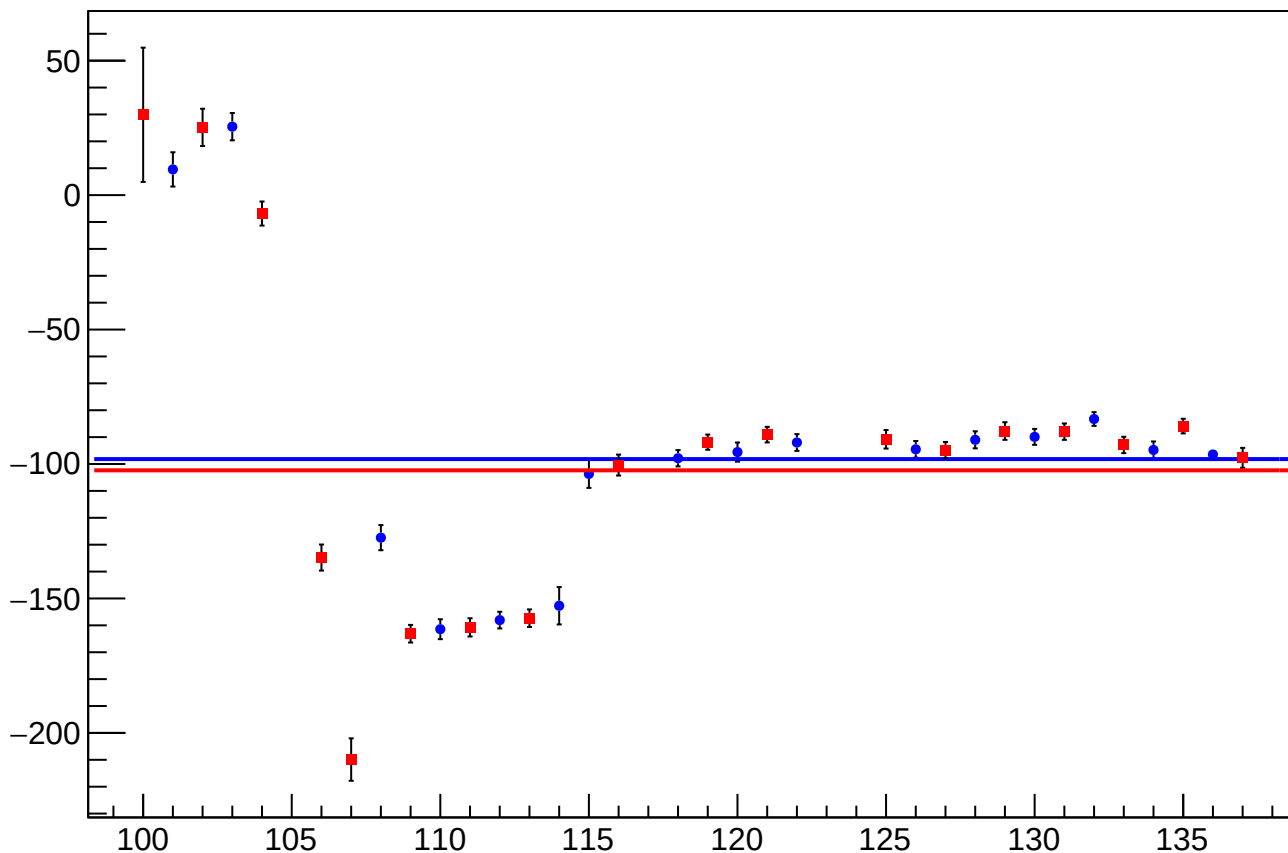
Right: 0.551 $\pm$ 0.524 χ^2 /NDF: 173.0/33

In: 0.602 $\pm$ 0.727 χ^2 /NDF:92.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.551 $\pm$ 0.524 χ^2 /NDF: 173.0/33

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -98.168 ± 0.813 χ^2/NDF : 1699.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.349 ± 0.837 χ^2/NDF : 2117.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

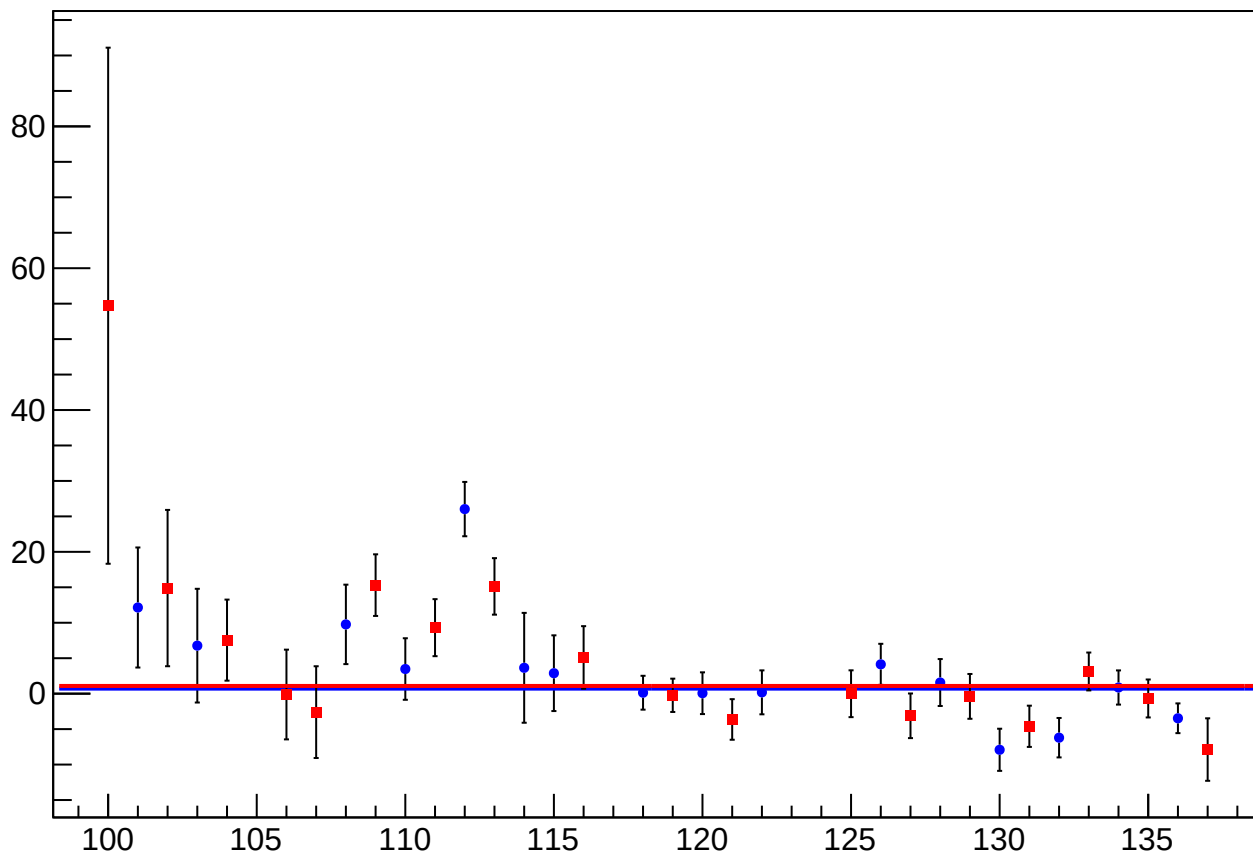
Right: -100.197 ± 0.583 χ^2/NDF : 3830.3/33

In: -98.168 ± 0.813 χ^2/NDF : 1699.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.197 ± 0.583 χ^2/NDF : 3830.3/33

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.711+/-0.821 χ^2/NDF : 69.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.088+/-0.856 χ^2/NDF : 47.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

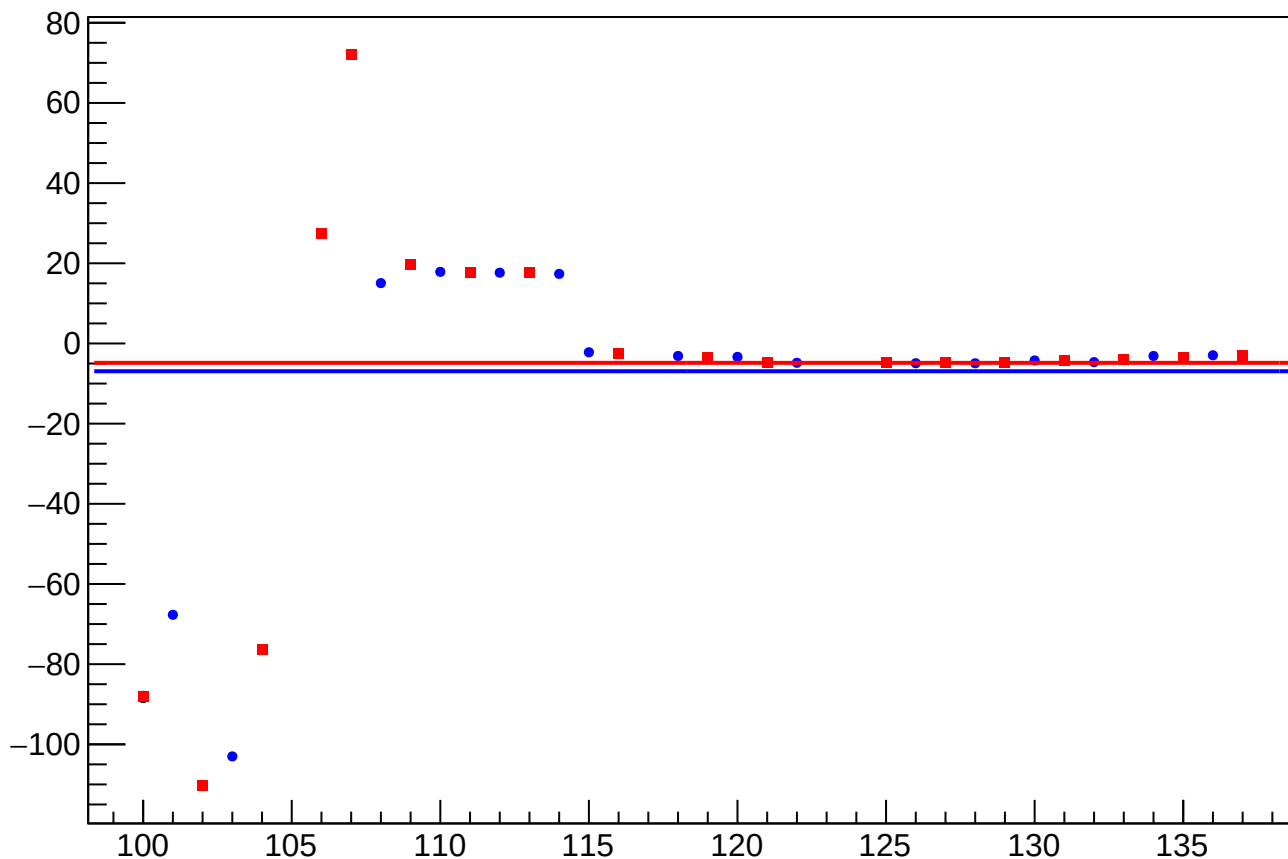
Right: 0.892+/-0.593 χ^2/NDF : 117.4/33

In: 0.711+/-0.821 χ^2/NDF : 69.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.892+/-0.593 χ^2/NDF : 117.4/33

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.927+/-0.049 χ^2/NDF : 265187.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -4.833+/-0.053 χ^2/NDF : 339363.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

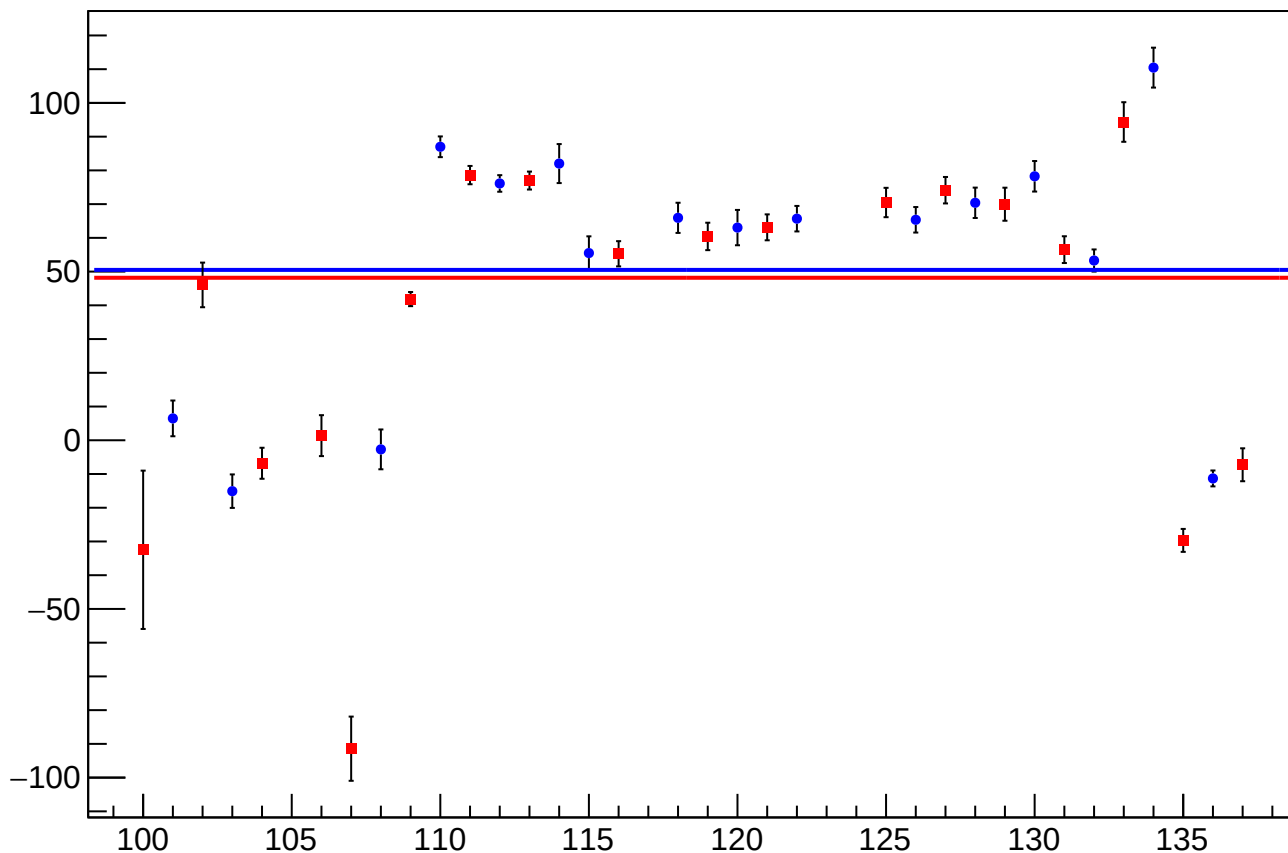
Right: -5.968+/-0.036 χ^2/NDF : 605403.2/33

In: -6.927+/-0.049 χ^2/NDF :265187.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -5.968+/-0.036 χ^2/NDF : 605403.2/33

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 50.503+/-0.965 χ^2/NDF : 1503.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 48.172+/-0.914 χ^2/NDF : 1519.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

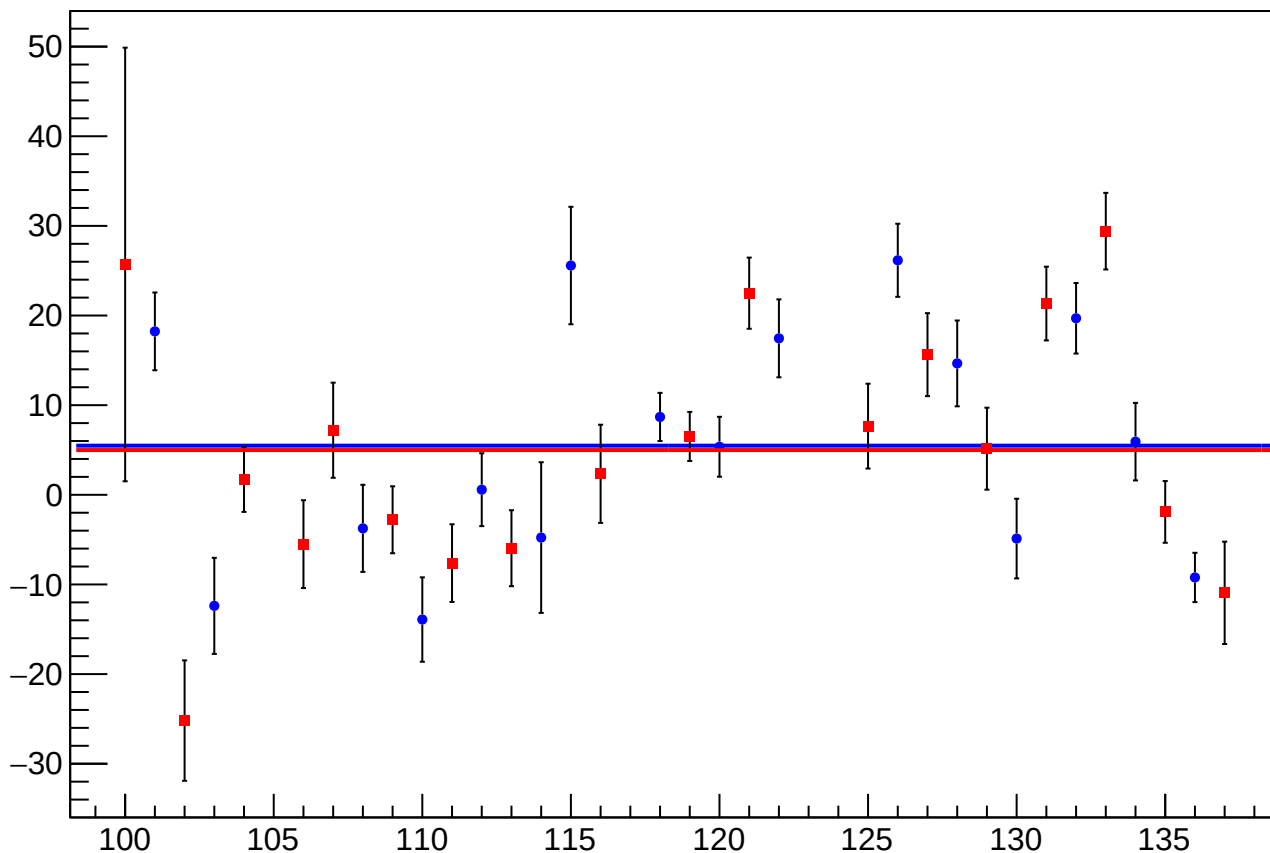
Right: 49.274+/-0.664 χ^2/NDF : 3026.2/33

In: 50.503+/-0.965 χ^2/NDF : 1503.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.274+/-0.664 χ^2/NDF : 3026.2/33

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.481+/-1.021 χ^2/NDF : 138.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.992+/-1.023 χ^2/NDF : 131.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

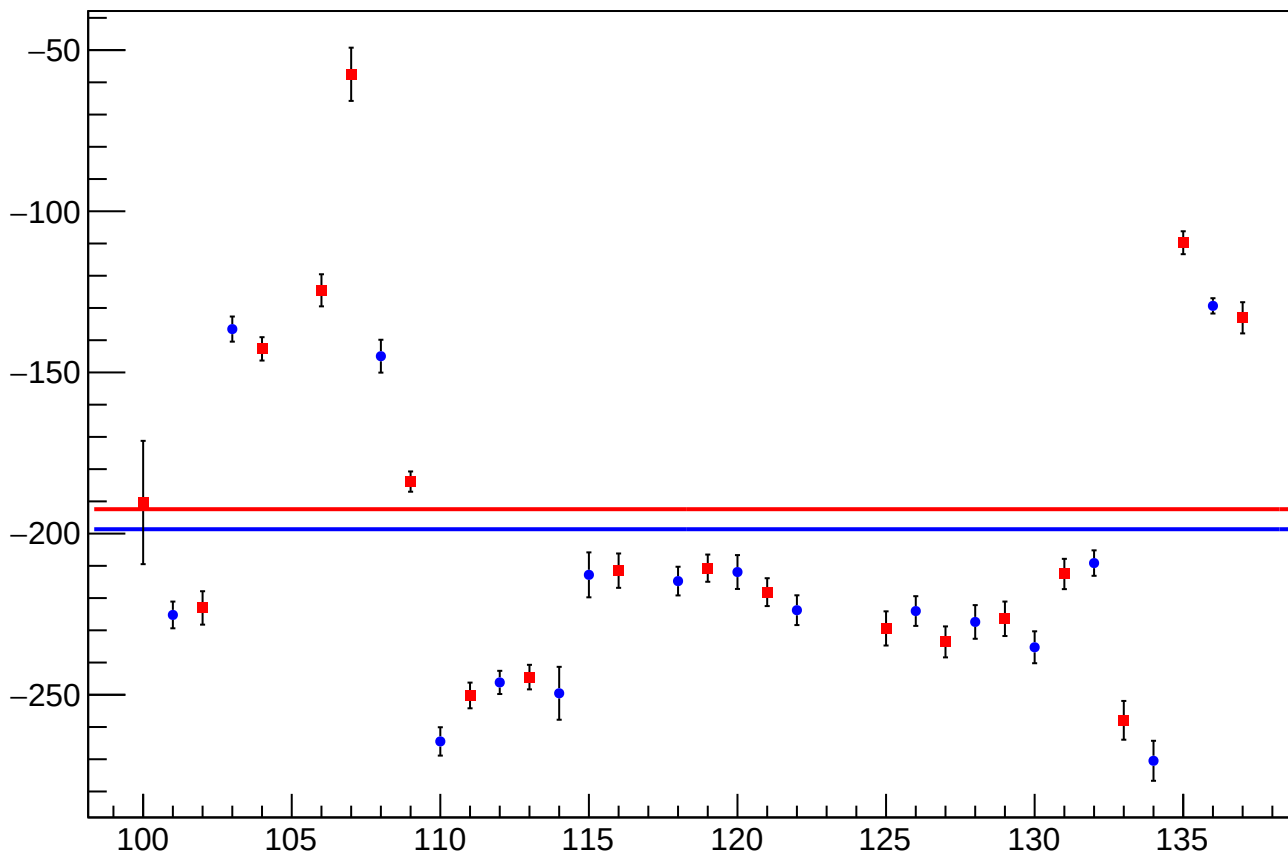
Right: 5.236+/-0.723 χ^2/NDF : 270.1/33

In: 5.481+/-1.021 χ^2/NDF : 138.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.236+/-0.723 χ^2/NDF : 270.1/33

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -198.641 $\pm$ 1.083 χ^2 /NDF: 2002.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -192.426 $\pm$ 1.080 χ^2 /NDF: 2139.0/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

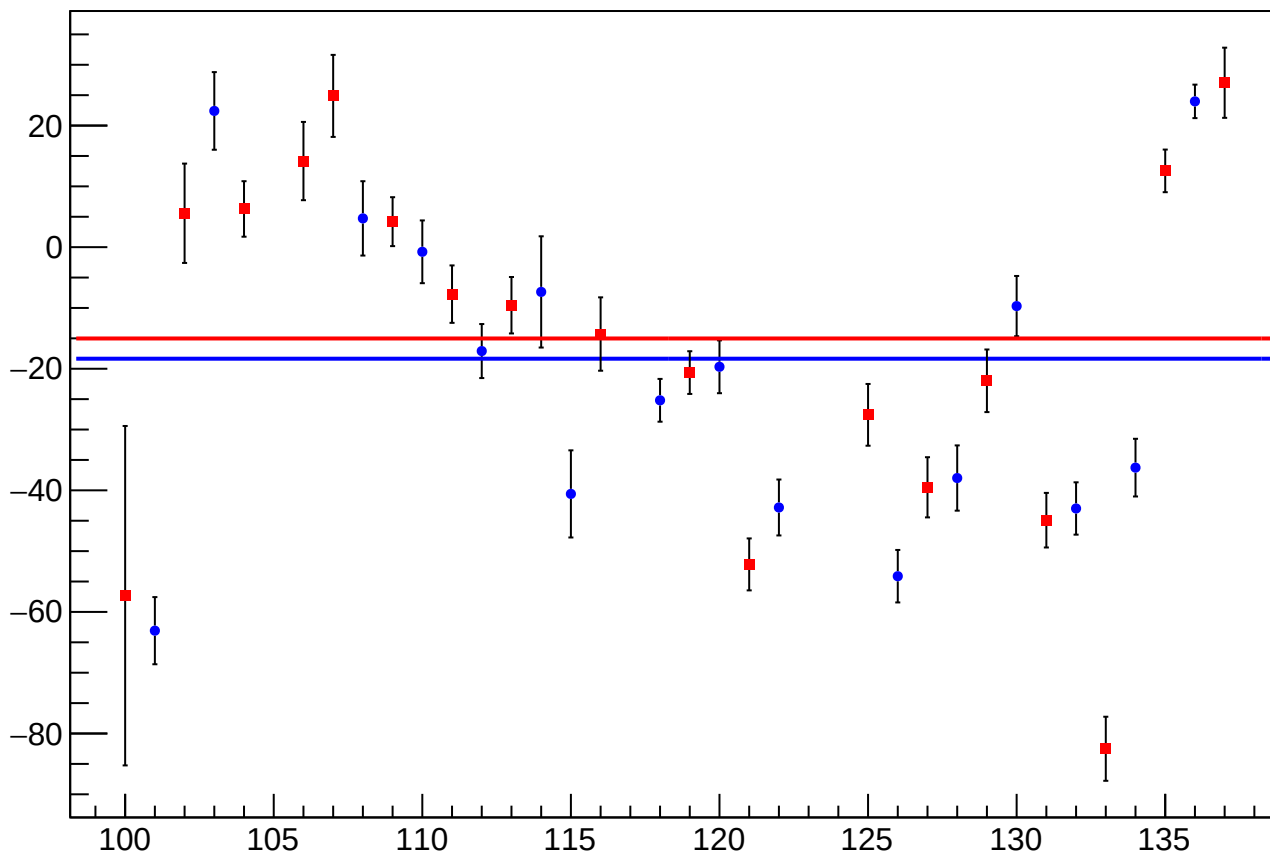
Right: -195.523 $\pm$ 0.765 χ^2 /NDF: 4157.8/33

In: -198.641 $\pm$ 1.083 χ^2 /NDF: 2002.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -195.523 $\pm$ 0.765 χ^2 /NDF: 4157.8/33

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -18.348 ± 1.159 χ^2/NDF : 543.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -15.021 ± 1.162 χ^2/NDF : 546.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

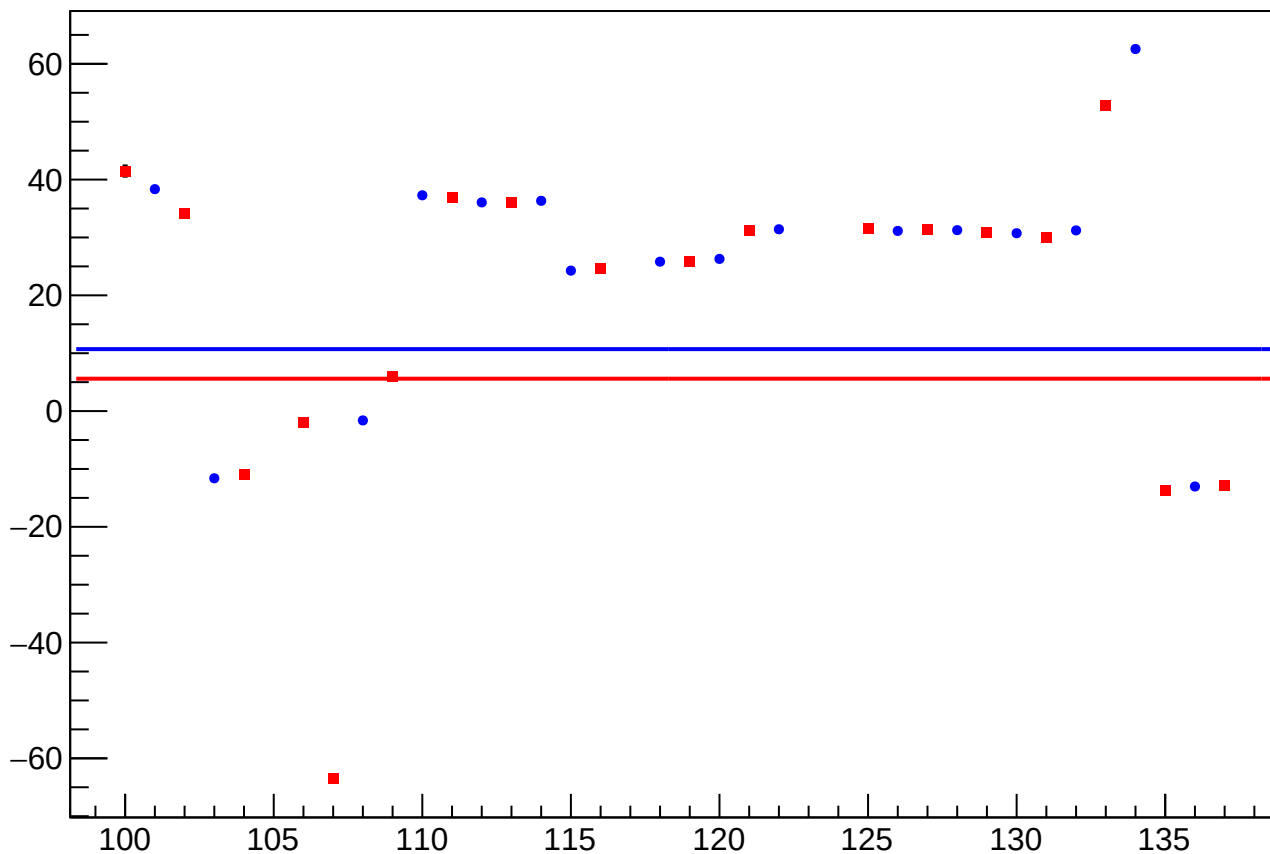
Right: -16.688 ± 0.821 χ^2/NDF : 1094.5/33

In: -18.348 ± 1.159 χ^2/NDF : 543.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.688 ± 0.821 χ^2/NDF : 1094.5/33

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 10.704+/-0.063 χ^2/NDF : 164860.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 5.595+/-0.064 χ^2/NDF : 154966.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

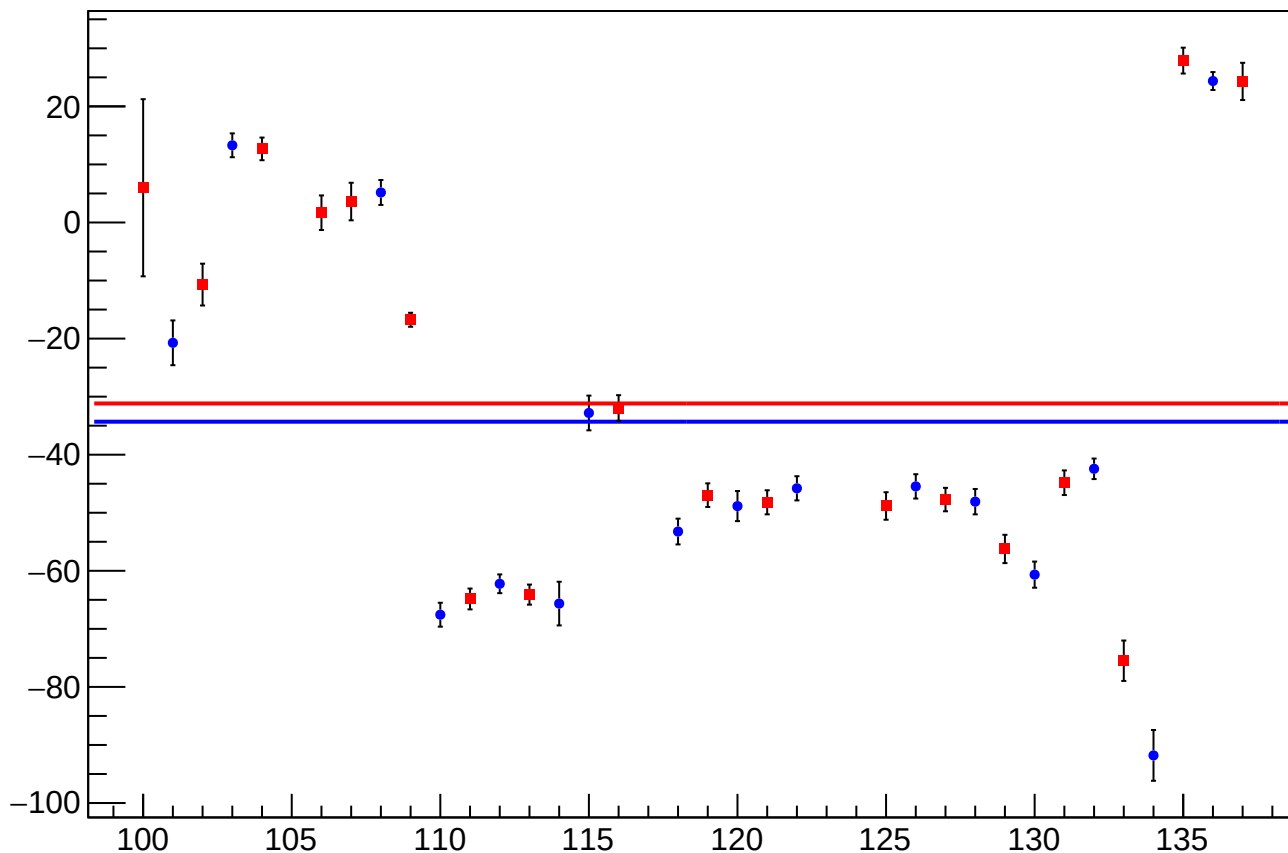
Right: 8.178+/-0.045 χ^2/NDF : 323087.7/33

In: 10.704+/-0.063 χ^2/NDF :164860.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 8.178+/-0.045 χ^2/NDF : 323087.7/33

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -34.315 ± 0.548 χ^2/NDF : 3500.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -31.175 ± 0.516 χ^2/NDF : 3200.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

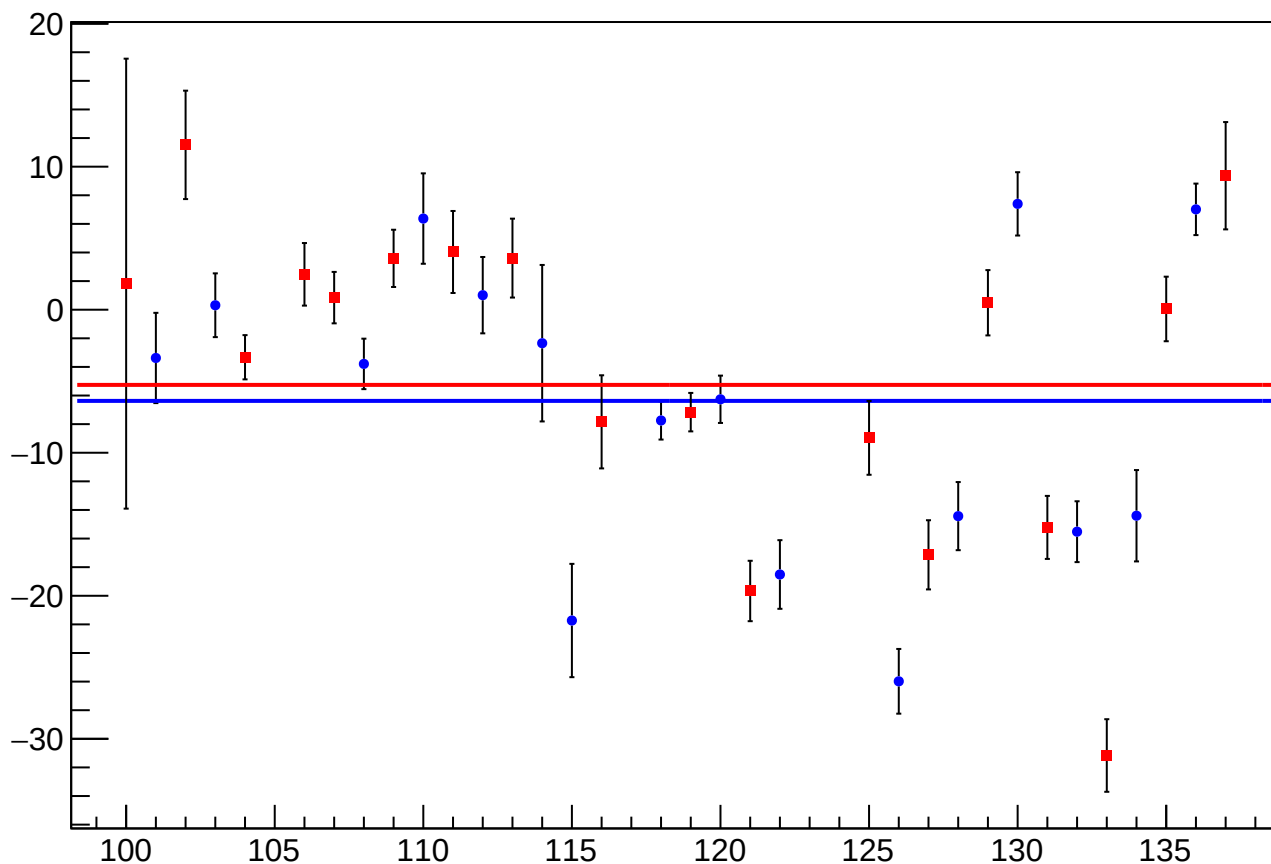
Right: -32.651 ± 0.375 χ^2/NDF : 6718.0/33

In: -34.315 ± 0.548 χ^2/NDF : 3500.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.651 ± 0.375 χ^2/NDF : 6718.0/33

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -6.375 ± 0.554 χ^2/NDF : 283.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.256 ± 0.533 χ^2/NDF : 312.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

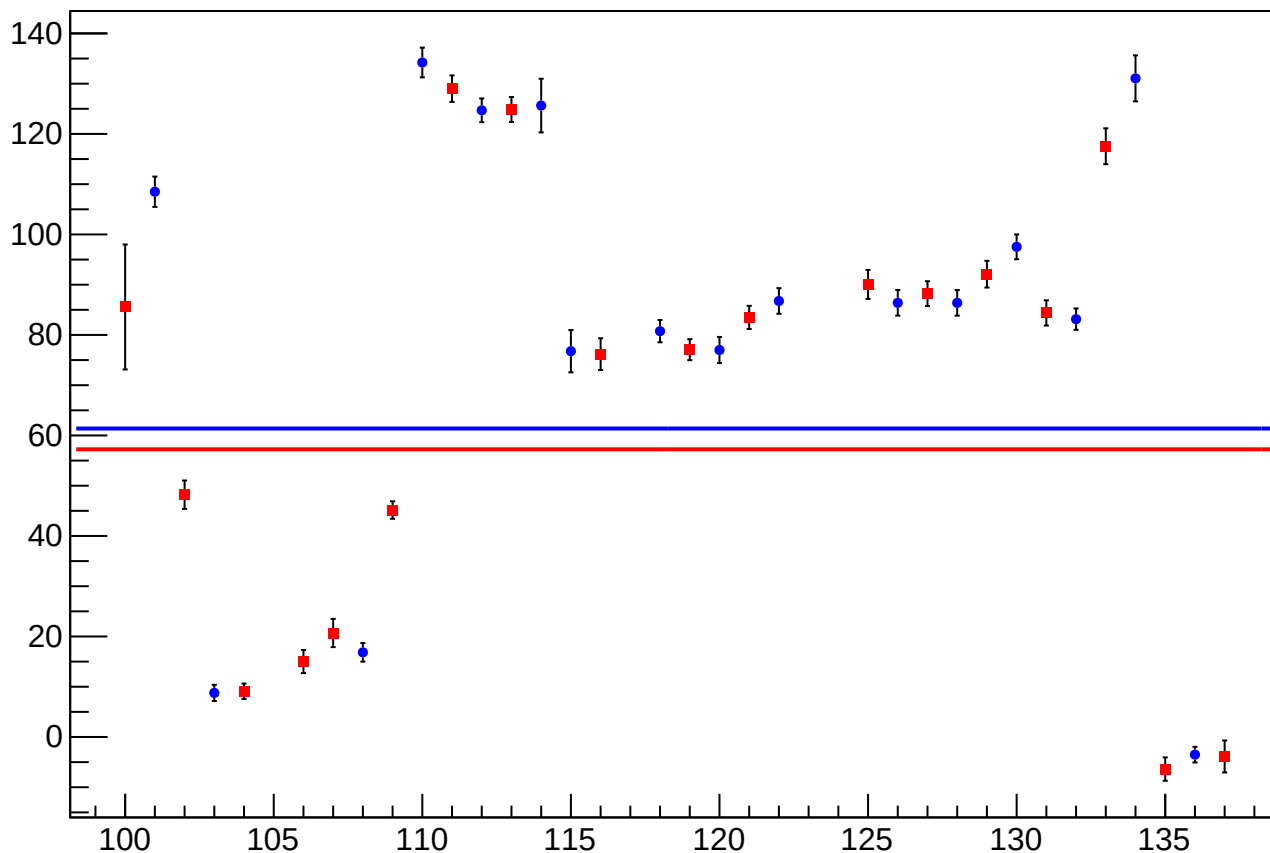
Right: -5.794 ± 0.384 χ^2/NDF : 598.6/33

In: -6.375 ± 0.554 χ^2/NDF : 283.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.794 ± 0.384 χ^2/NDF : 598.6/33

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 61.377+/-0.594 χ^2/NDF : 6066.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 57.240+/-0.580 χ^2/NDF : 5267.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

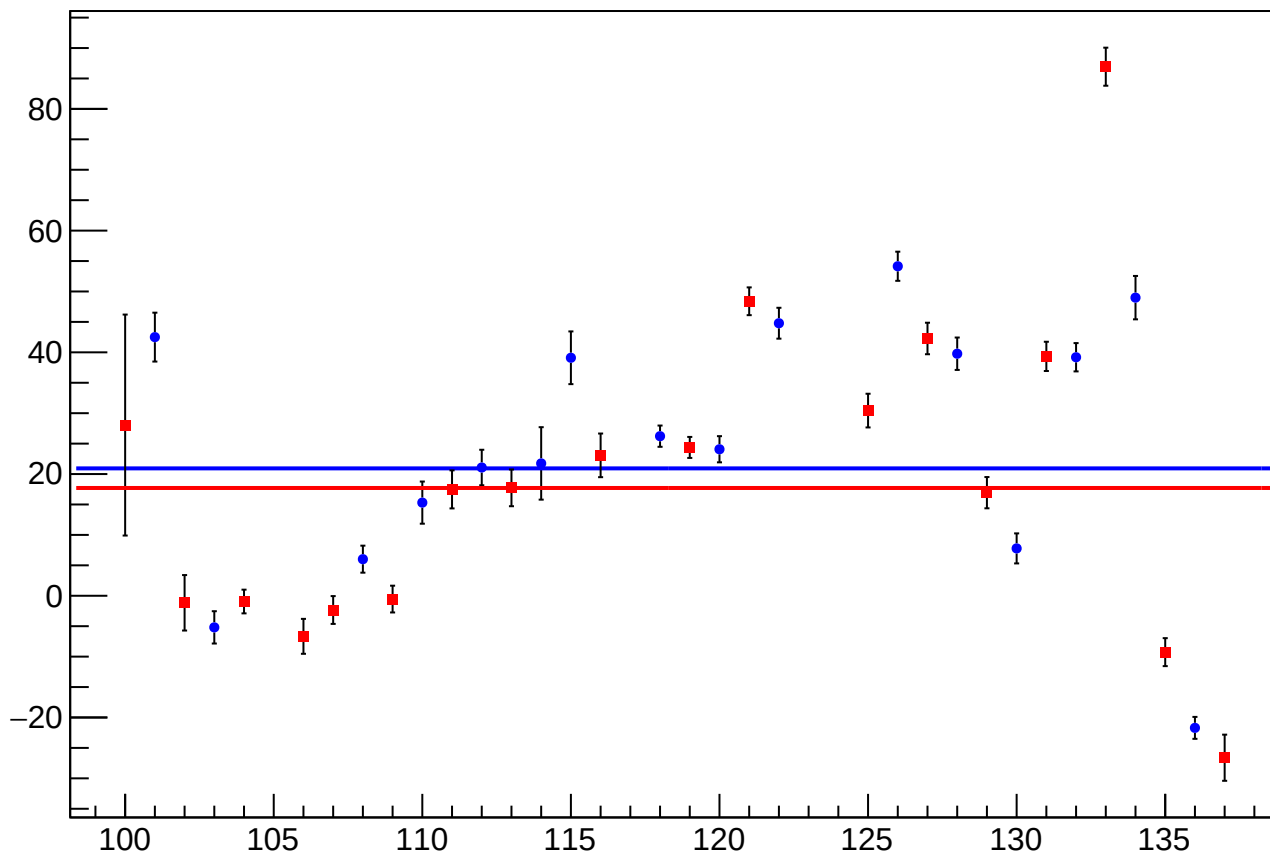
Right: 59.259+/-0.415 χ^2/NDF : 11359.0/33

In: 61.377+/-0.594 χ^2/NDF : 6066.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.259+/-0.415 χ^2/NDF : 11359.0/33

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 20.931±/0.640 χ^2/NDF : 1245.4/15

Left Out: 0.000±/0.000 χ^2/NDF :0.0/0

Right Out: 17.711±/0.618 χ^2/NDF : 1481.9/17

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

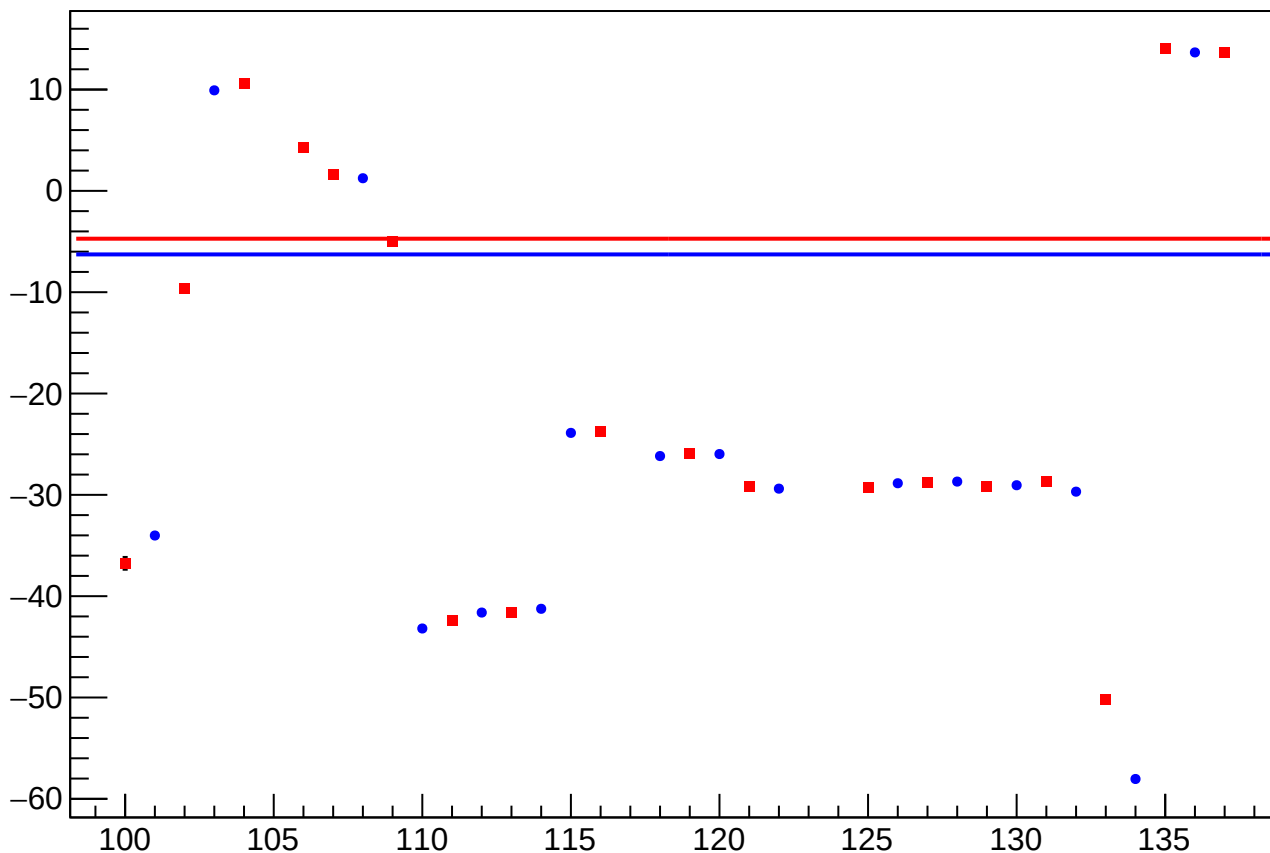
Right: 19.265±/0.445 χ^2/NDF : 2740.4/33

In: 20.931±/0.640 χ^2/NDF :1245.4/15

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: 19.265±/0.445 χ^2/NDF : 2740.4/33

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -6.271+/-0.033 χ^2/NDF : 410461.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.720+/-0.034 χ^2/NDF : 306663.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

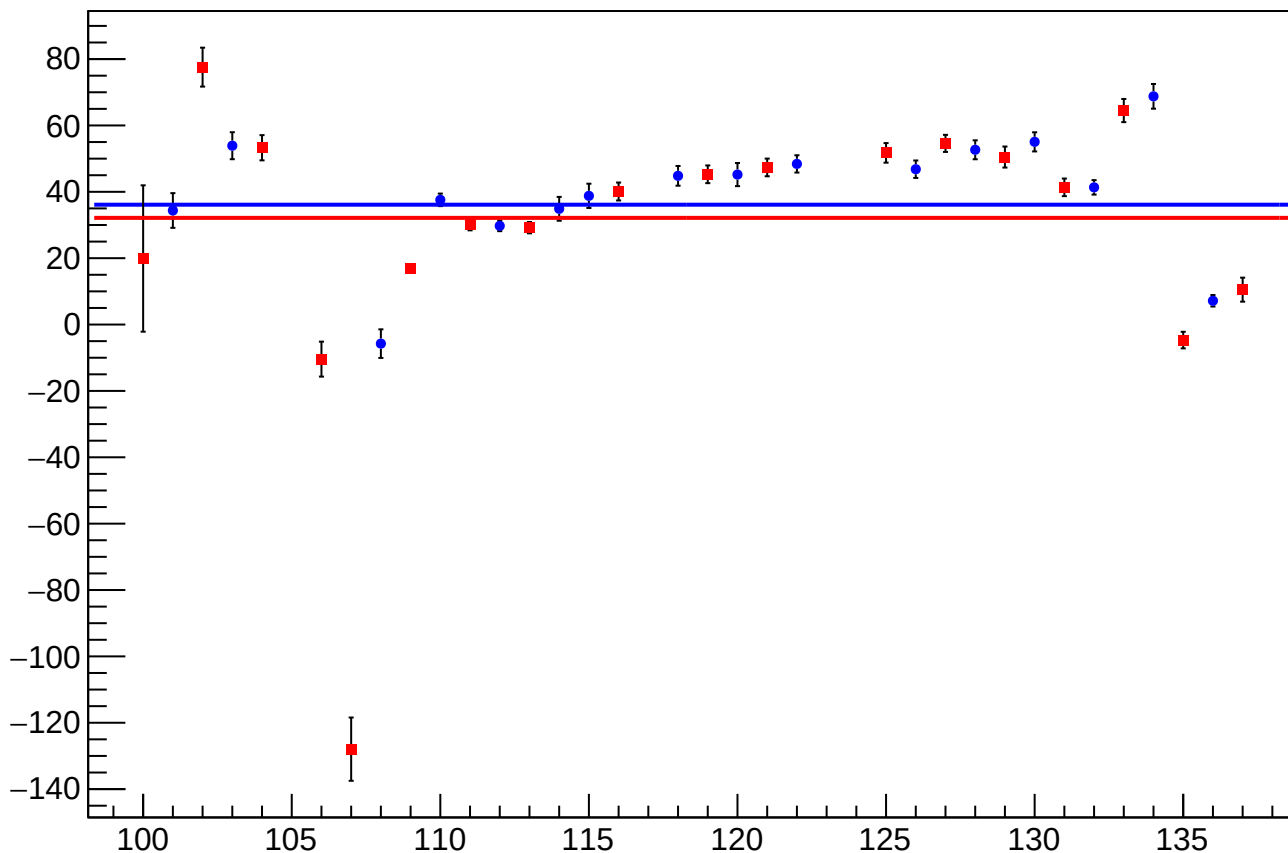
Right: -5.502+/-0.024 χ^2/NDF : 718193.1/33

In: -6.271+/-0.033 χ^2/NDF : 410461.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.502+/-0.024 χ^2/NDF : 718193.1/33

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 36.118+/-0.656 χ^2/NDF : 622.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.150+/-0.631 χ^2/NDF : 1114.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

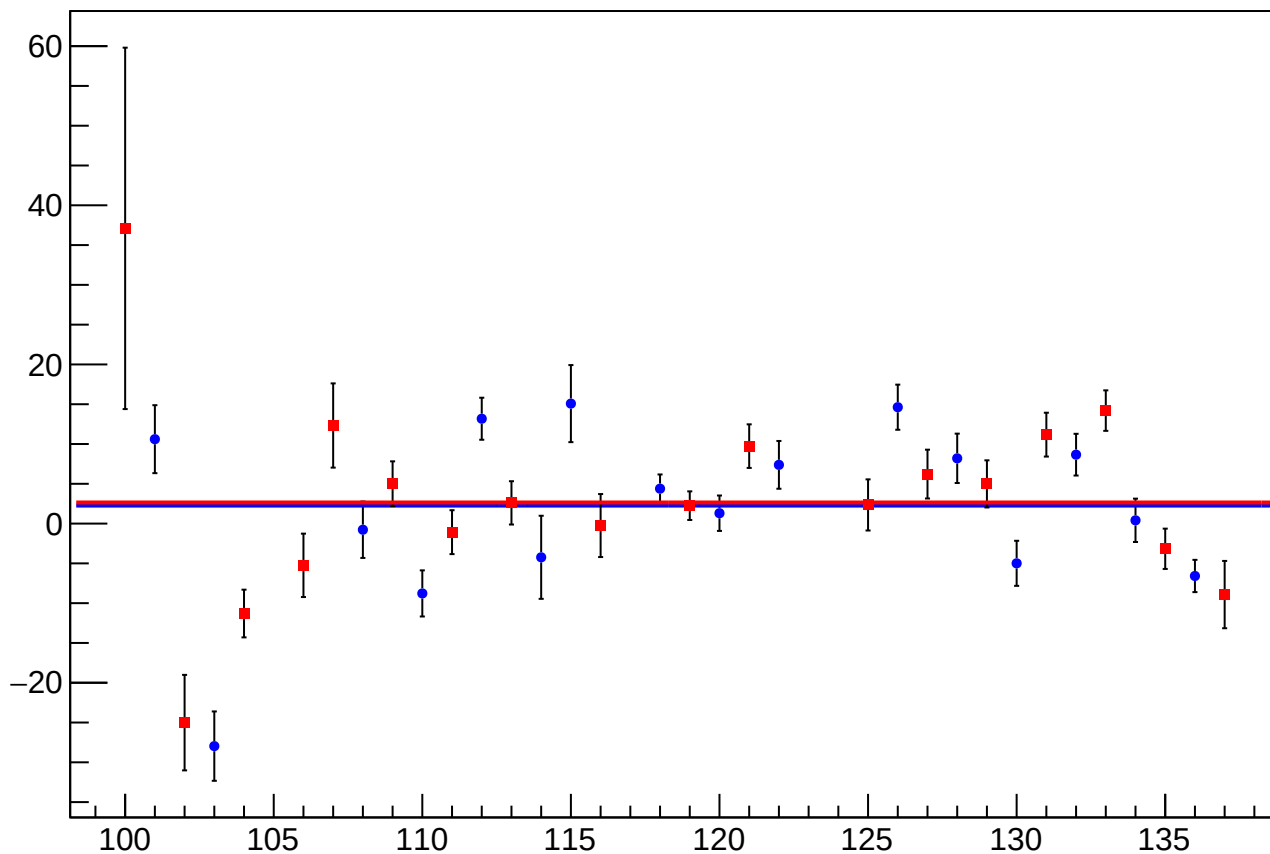
Right: 34.055+/-0.455 χ^2/NDF : 1756.4/33

In: 36.118+/-0.656 χ^2/NDF : 622.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.055+/-0.455 χ^2/NDF : 1756.4/33

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.265+/-0.701 χ^2/NDF : 152.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.651+/-0.715 χ^2/NDF : 107.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

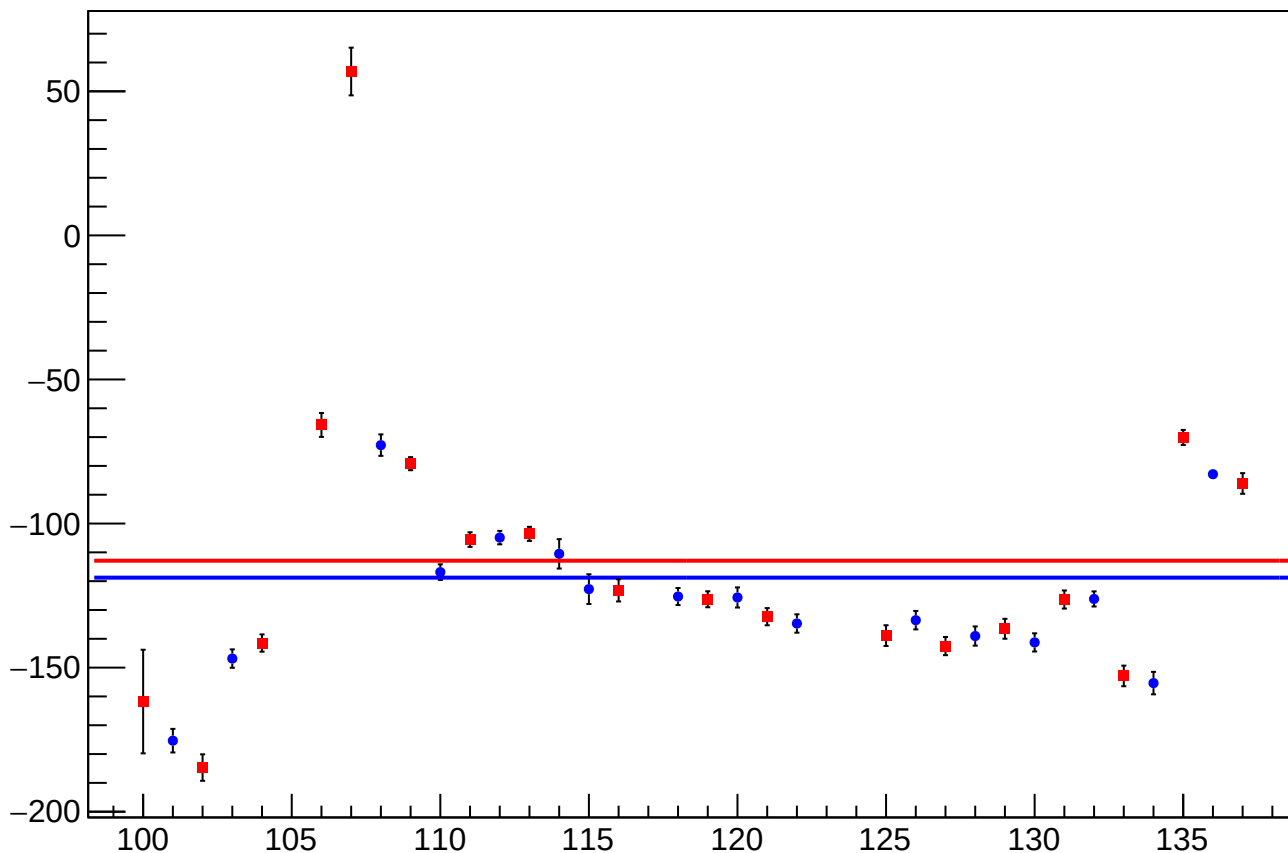
Right: 2.454+/-0.501 χ^2/NDF : 259.4/33

In: 2.265+/-0.701 χ^2/NDF : 152.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.454+/-0.501 χ^2/NDF : 259.4/33

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -118.778+/-0.757 χ^2/NDF : 1119.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -112.899+/-0.761 χ^2/NDF : 1862.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

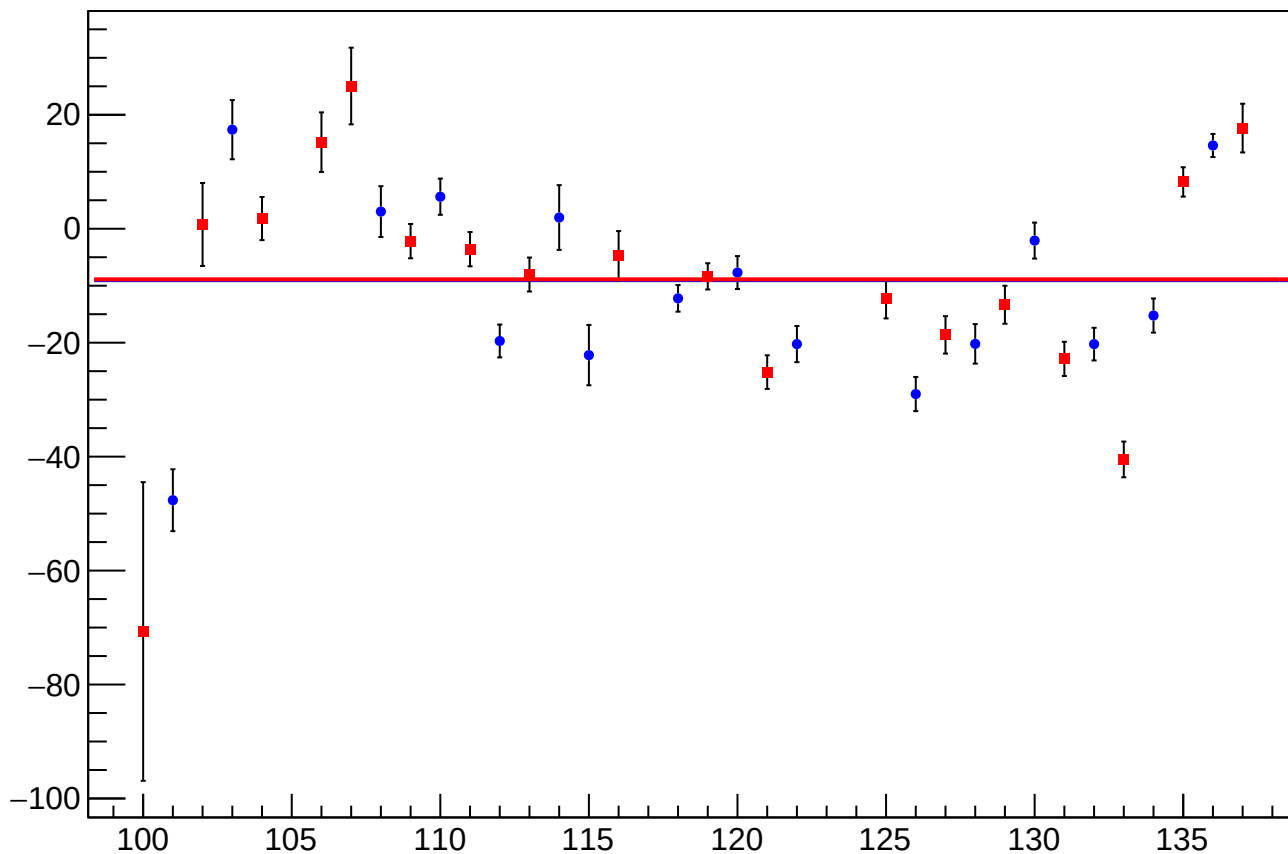
Right: -115.855+/-0.537 χ^2/NDF : 3012.4/33

In: -118.778+/-0.757 χ^2/NDF : 1119.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.855+/-0.537 χ^2/NDF : 3012.4/33

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -9.022+/-0.796 χ^2 /NDF: 358.0/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.878+/-0.810 χ^2 /NDF: 318.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

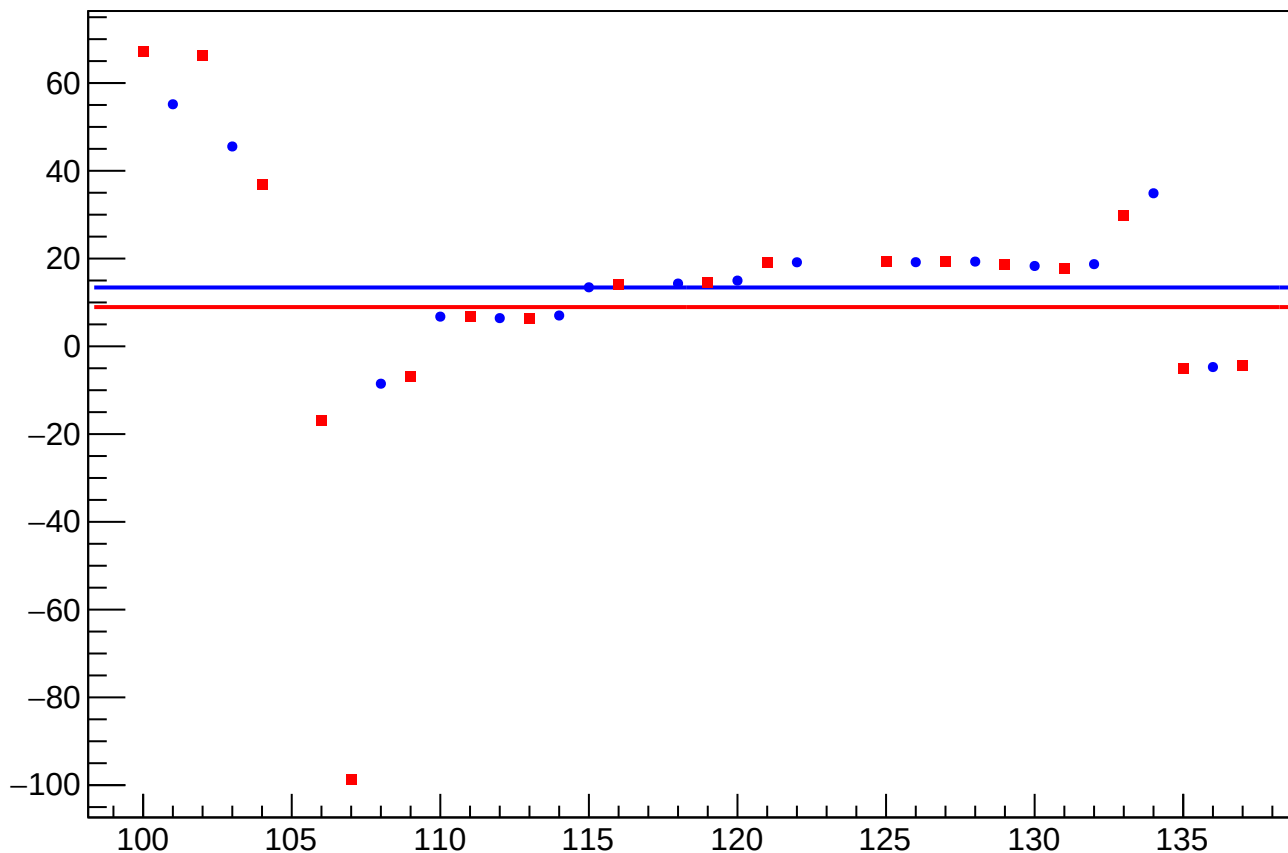
Right: -8.951+/-0.568 χ^2 /NDF: 676.8/33

In: -9.022+/-0.796 χ^2 /NDF:358.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.951+/-0.568 χ^2 /NDF: 676.8/33

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 13.412+/-0.045 χ^2/NDF : 183707.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.943+/-0.047 χ^2/NDF : 291126.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

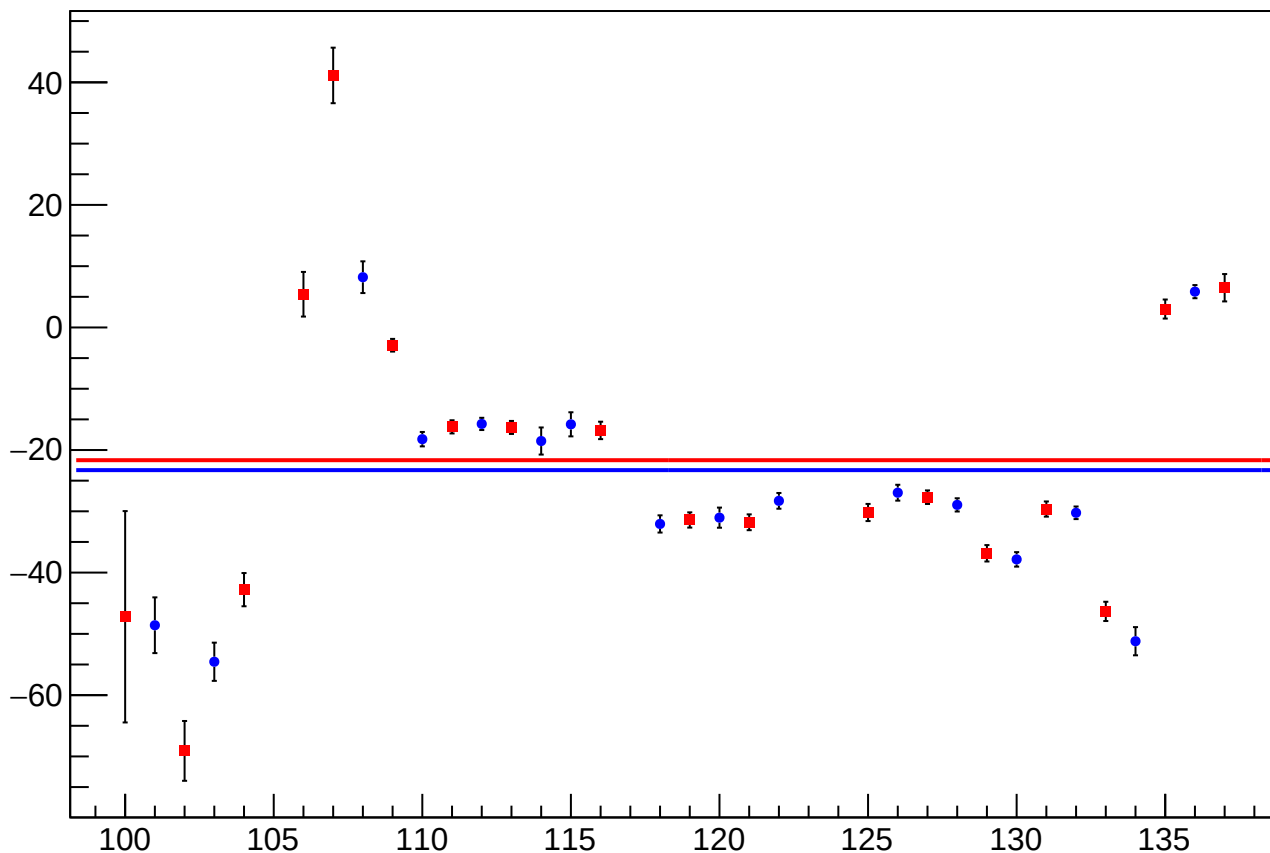
Right: 11.280+/-0.033 χ^2/NDF : 479481.6/33

In: 13.412+/-0.045 χ^2/NDF : 183707.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.280+/-0.033 χ^2/NDF : 479481.6/33

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -23.281 ± 0.350 χ^2/NDF : 1567.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -21.660 ± 0.347 χ^2/NDF : 1813.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

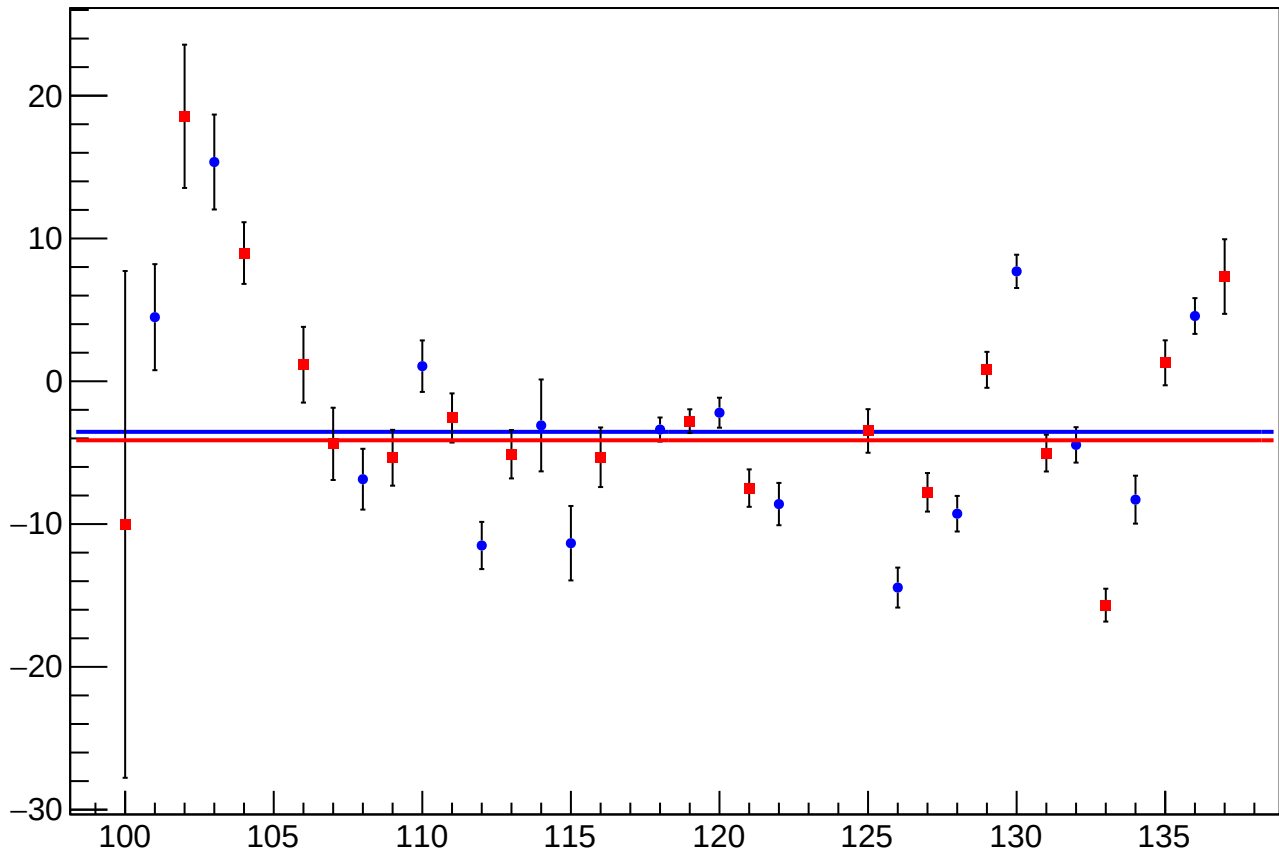
Right: -22.463 ± 0.247 χ^2/NDF : 3392.3/33

In: -23.281 ± 0.350 χ^2/NDF : 1567.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.463 ± 0.247 χ^2/NDF : 3392.3/33

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -3.541 ± 0.363 χ^2/NDF : 316.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.132 ± 0.371 χ^2/NDF : 227.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

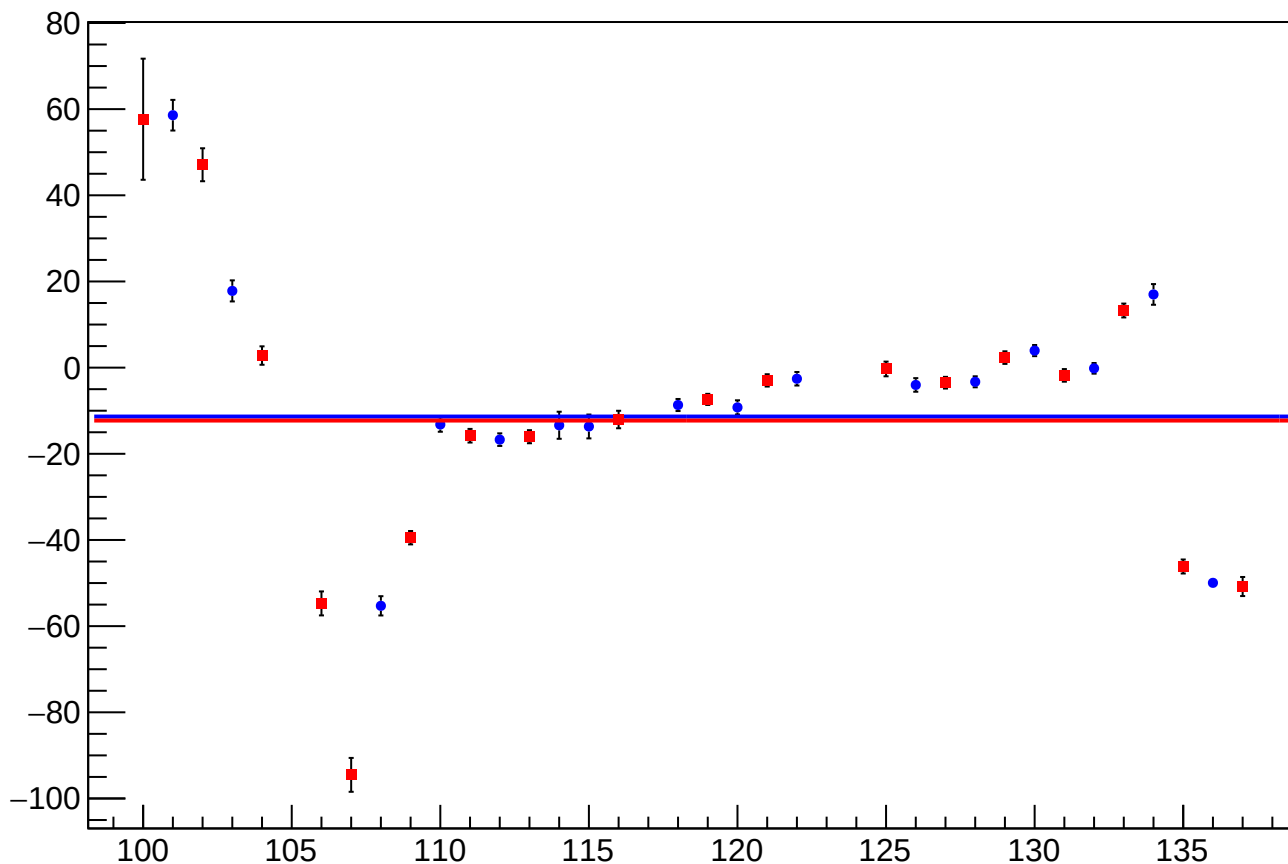
Right: -3.830 ± 0.259 χ^2/NDF : 545.5/33

In: -3.541 ± 0.363 χ^2/NDF : 316.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.830 ± 0.259 χ^2/NDF : 545.5/33

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.355 ± 0.406 χ^2/NDF : 2661.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.281 ± 0.413 χ^2/NDF : 2590.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

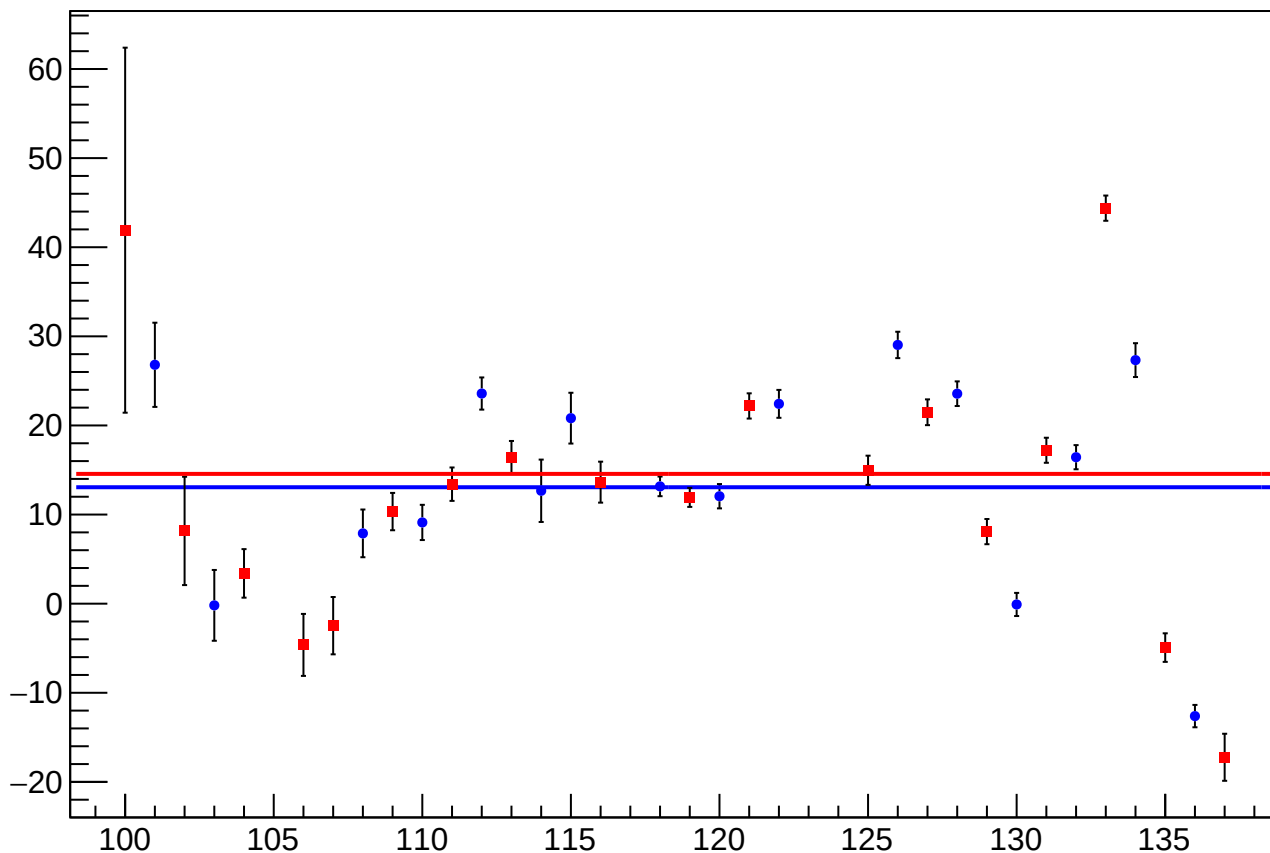
Right: -11.809 ± 0.289 χ^2/NDF : 5254.6/33

In: -11.355 ± 0.406 χ^2/NDF : 2661.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.809 ± 0.289 χ^2/NDF : 5254.6/33

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.066 $\pm$ 0.415 χ^2 /NDF: 863.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.563 $\pm$ 0.423 χ^2 /NDF: 903.1/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

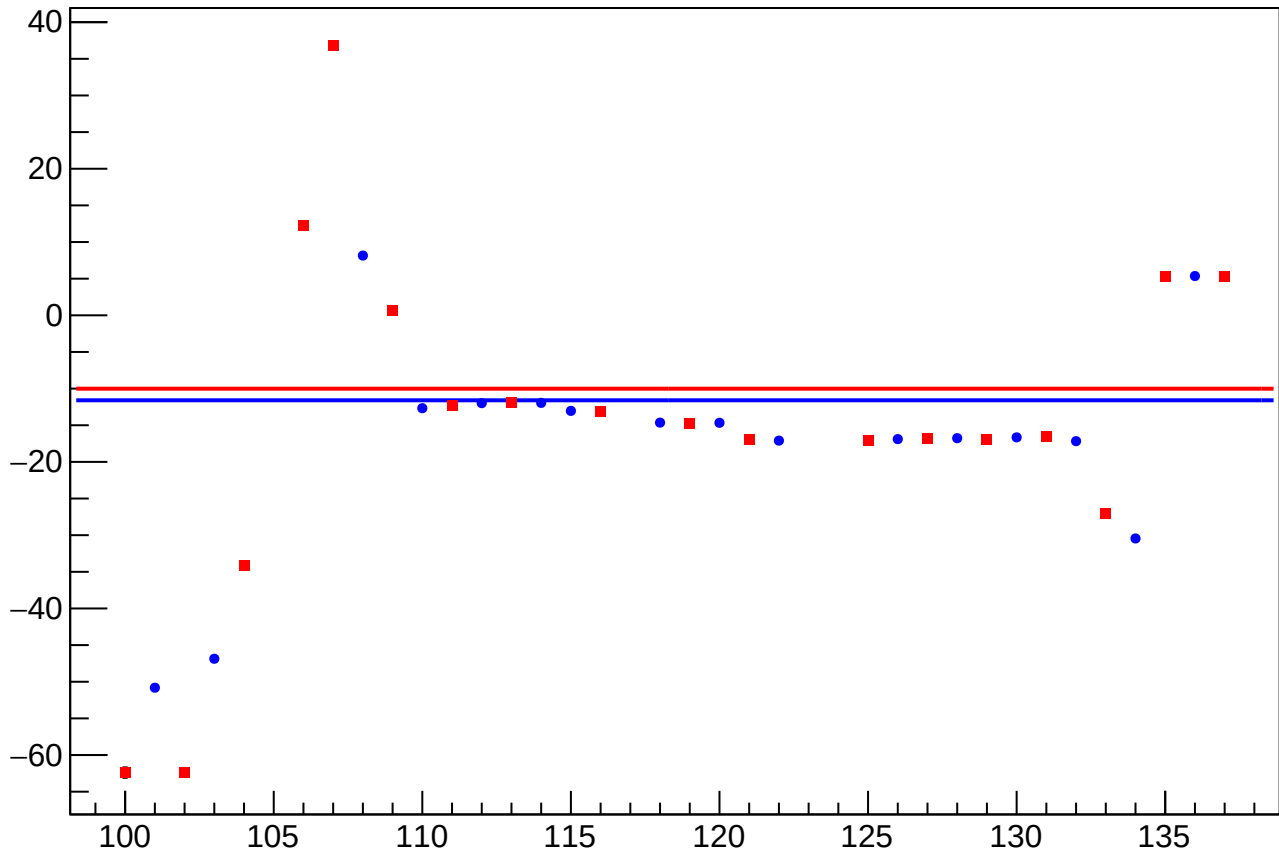
Right: 13.801 $\pm$ 0.296 χ^2 /NDF: 1772.9/33

In: 13.066 $\pm$ 0.415 χ^2 /NDF:863.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 13.801 $\pm$ 0.296 χ^2 /NDF: 1772.9/33

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -11.596 $\pm$ 0.026 χ^2 /NDF: 360523.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -10.012 $\pm$ 0.027 χ^2 /NDF: 396286.9/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

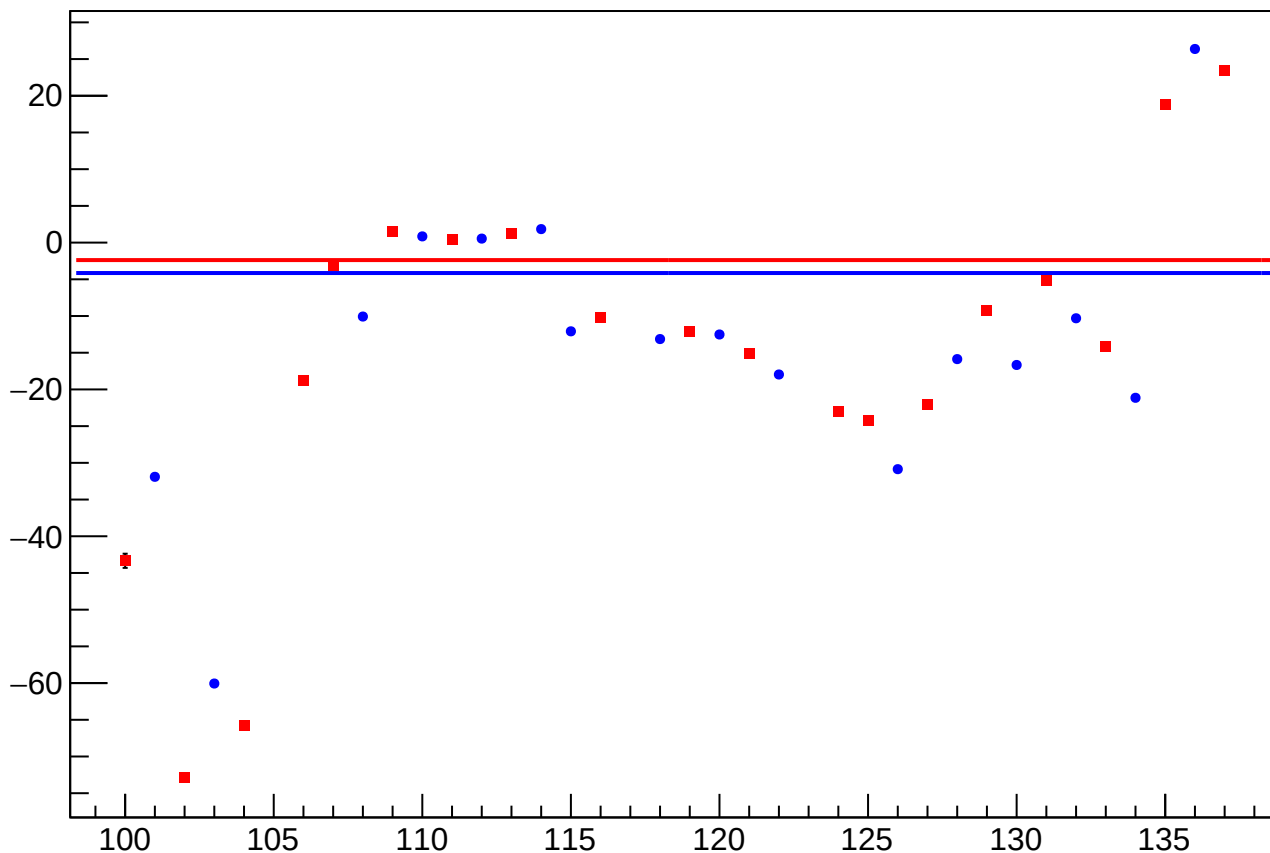
Right: -10.837 $\pm$ 0.019 χ^2 /NDF: 758546.1/33

In: -11.596 $\pm$ 0.026 χ^2 /NDF:360523.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.837 $\pm$ 0.019 χ^2 /NDF: 758546.1/33

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.145+/-0.055 χ^2/NDF : 75262.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.382+/-0.046 χ^2/NDF : 80749.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

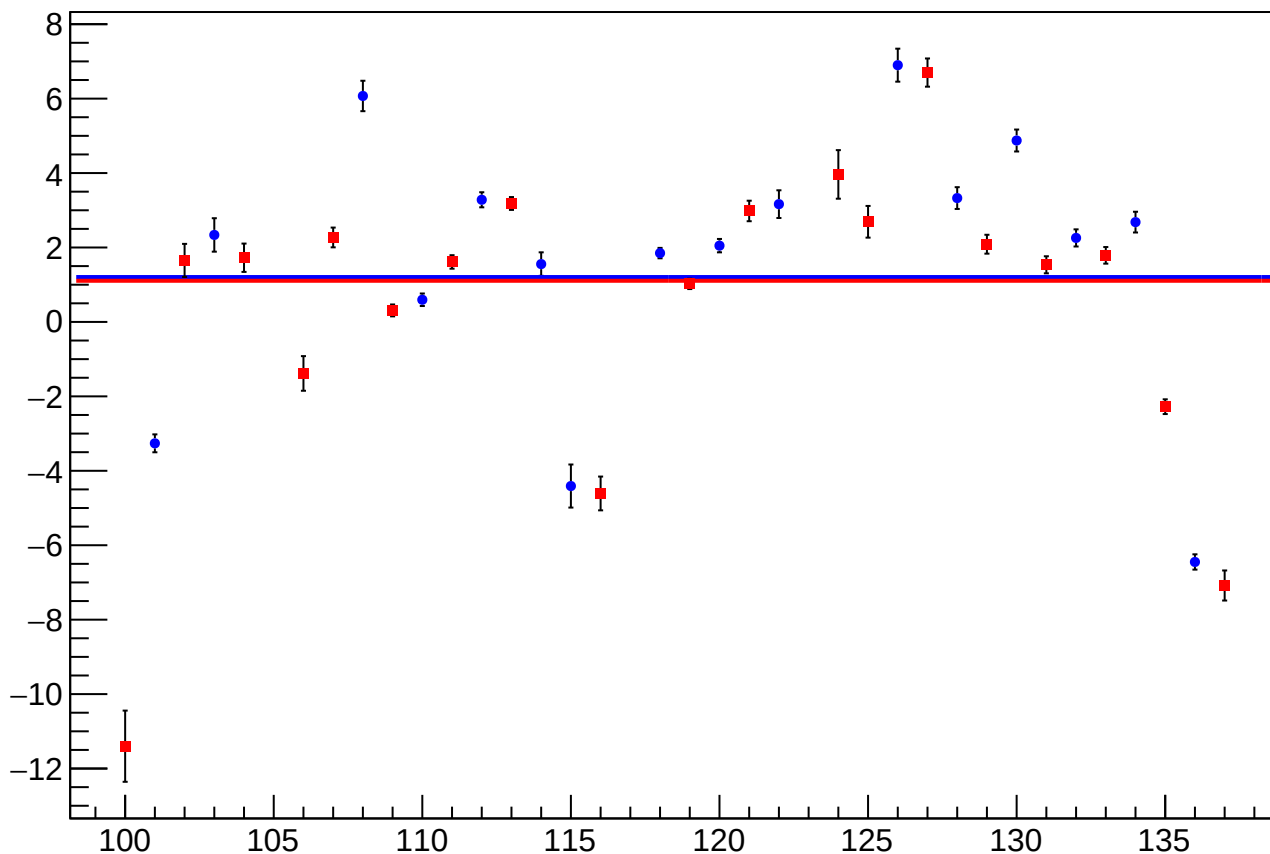
Right: -3.115+/-0.035 χ^2/NDF : 156619.4/34

In: -4.145+/-0.055 χ^2/NDF : 75262.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.115+/-0.035 χ^2/NDF : 156619.4/34

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.206+/-0.060 χ^2/NDF : 2584.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.106+/-0.057 χ^2/NDF : 1587.2/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

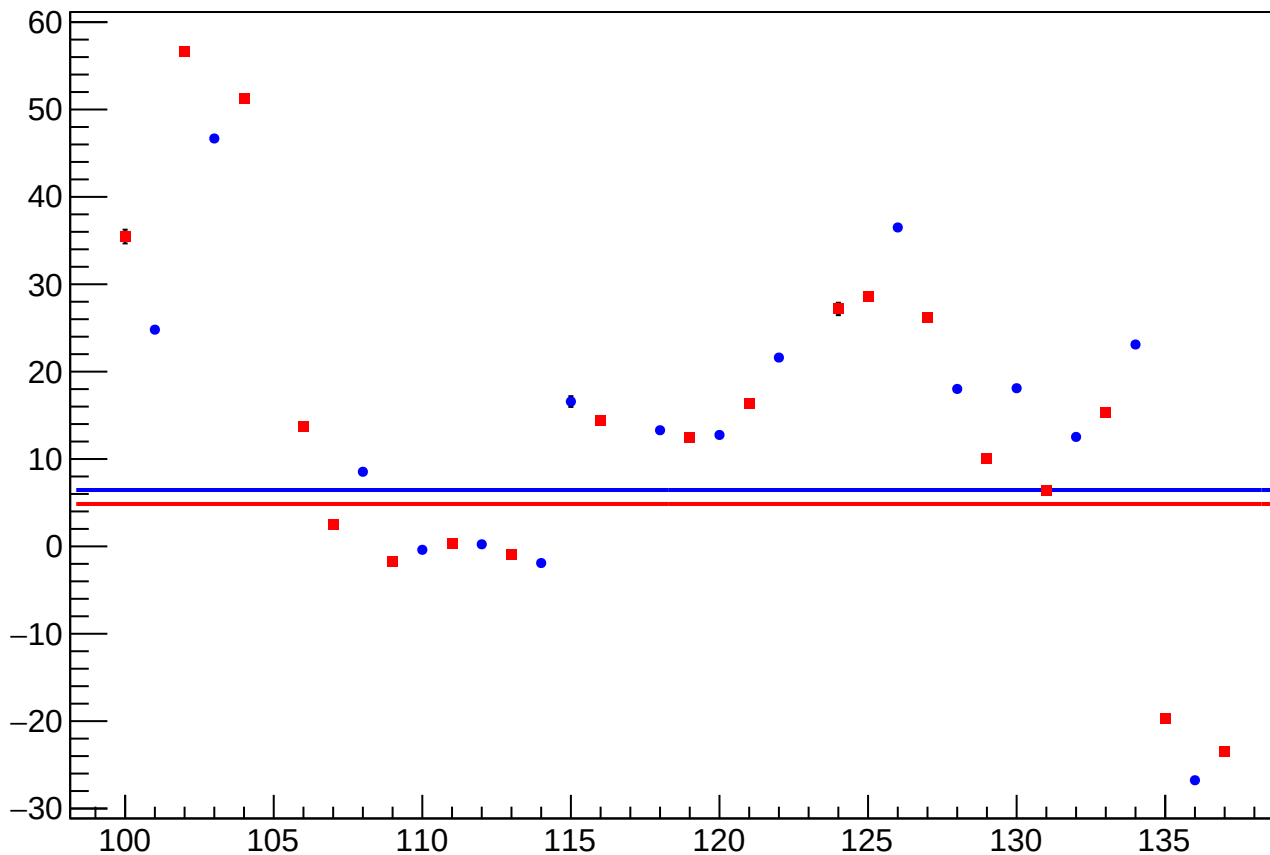
Right: 1.153+/-0.042 χ^2/NDF : 4173.1/34

In: 1.206+/-0.060 χ^2/NDF :2584.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.153+/-0.042 χ^2/NDF : 4173.1/34

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.453 $\pm$ 0.065 χ^2/NDF : 70671.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 4.854 $\pm$ 0.059 χ^2/NDF : 75267.0/18

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

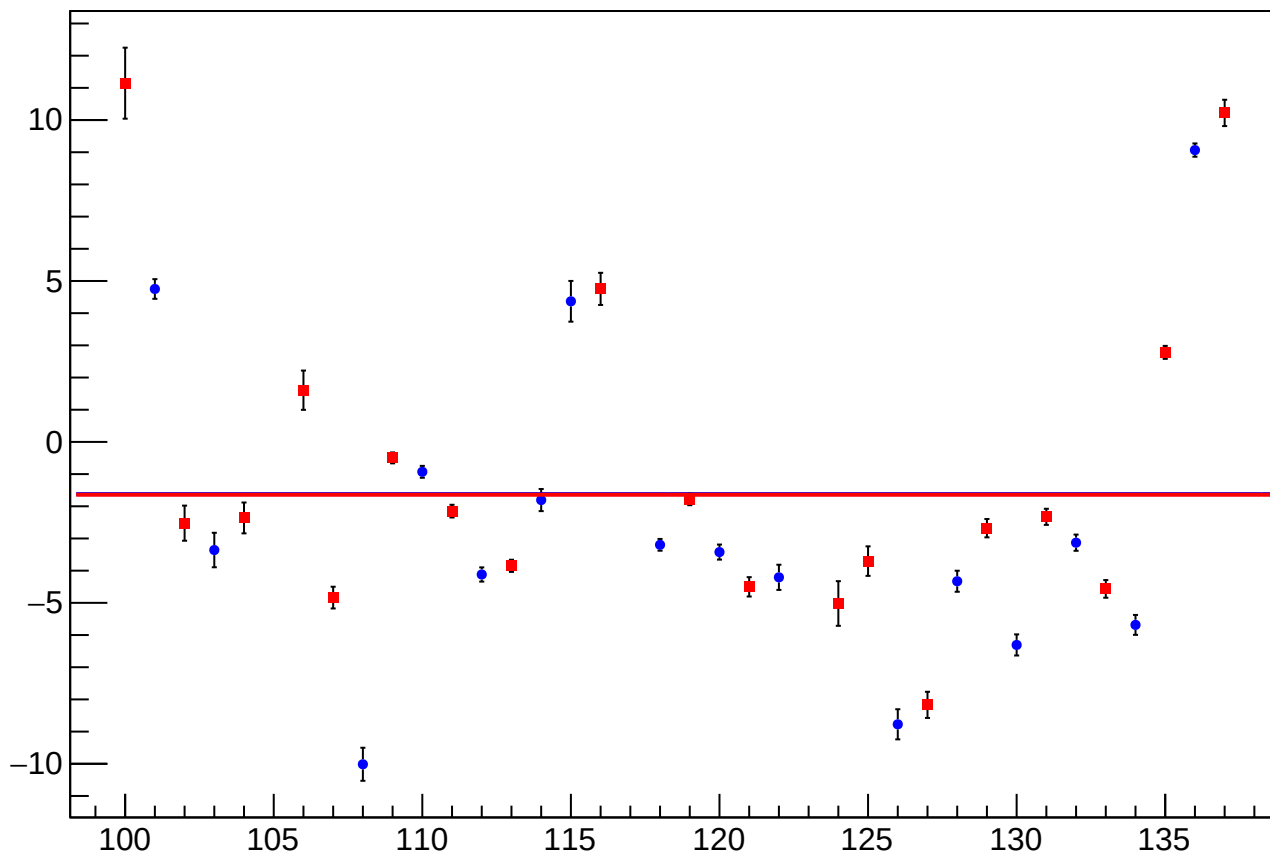
Right: 5.576 $\pm$ 0.044 χ^2/NDF : 146268.1/34

In: 6.453 $\pm$ 0.065 χ^2/NDF :70671.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 5.576 $\pm$ 0.044 χ^2/NDF : 146268.1/34

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.622 ± 0.070 χ^2/NDF : 4525.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.640 ± 0.065 χ^2/NDF : 2462.1/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

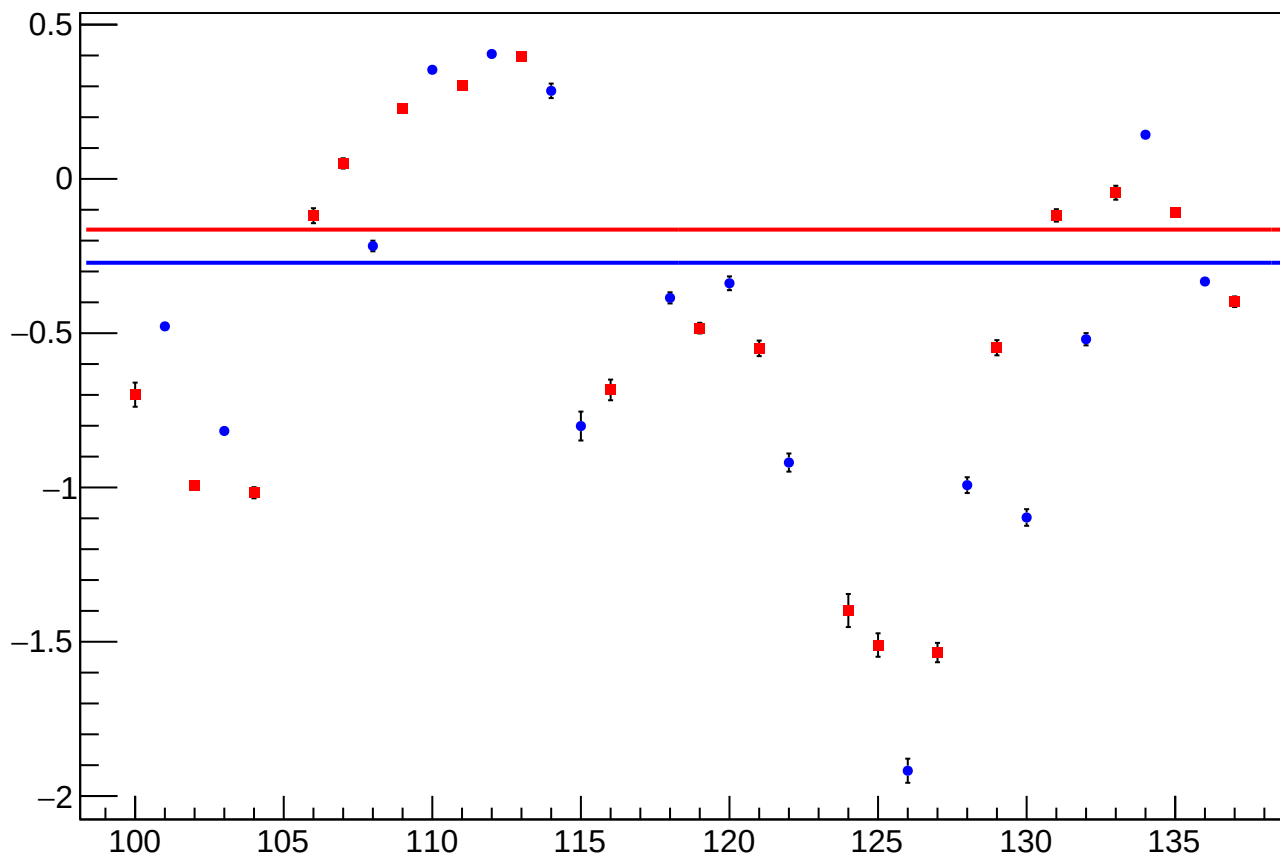
Right: -1.632 ± 0.047 χ^2/NDF : 6987.4/34

In: -1.622 ± 0.070 χ^2/NDF : 4525.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.632 ± 0.047 χ^2/NDF : 6987.4/34

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272 ± 0.004 χ^2/NDF : 12048.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.164 ± 0.004 χ^2/NDF : 15497.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

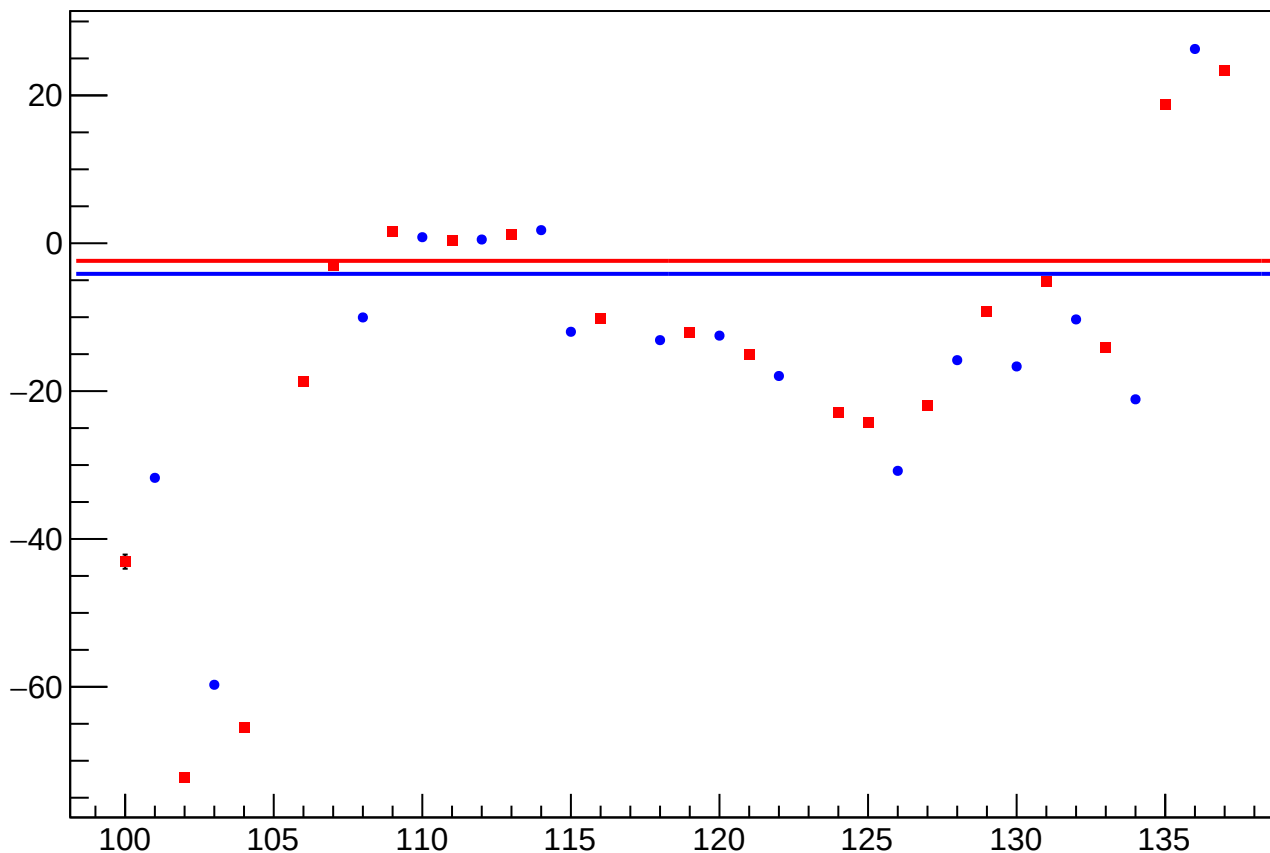
Right: -0.213 ± 0.003 χ^2/NDF : 27909.3/34

In: -0.272 ± 0.004 χ^2/NDF : 12048.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.213 ± 0.003 χ^2/NDF : 27909.3/34

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.139+/-0.054 χ^2/NDF : 75240.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.380+/-0.046 χ^2/NDF : 80668.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

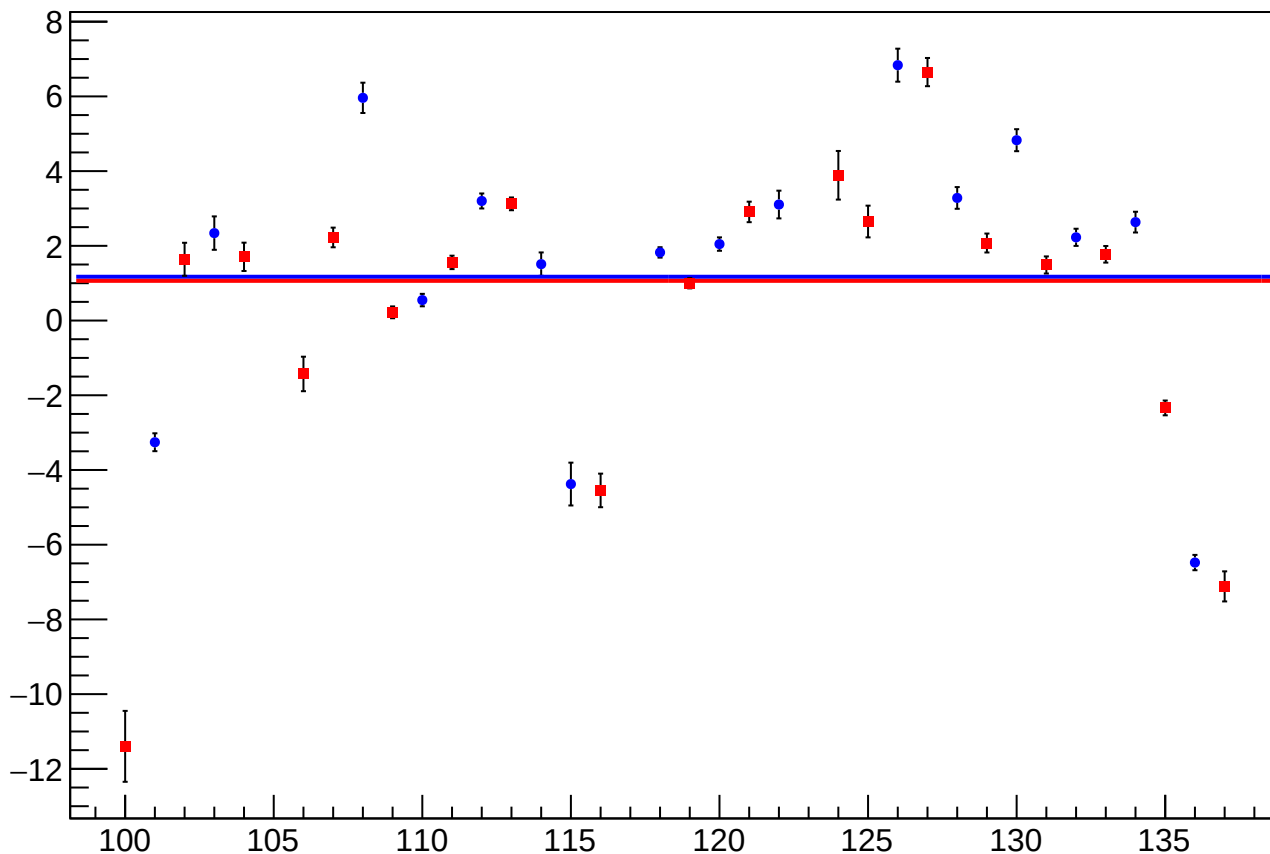
Right: -3.111+/-0.035 χ^2/NDF : 156520.4/34

In: -4.139+/-0.054 χ^2/NDF : 75240.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.111+/-0.035 χ^2/NDF : 156520.4/34

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.172+/-0.060 χ^2/NDF : 2584.5/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.063+/-0.057 χ^2/NDF : 1596.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

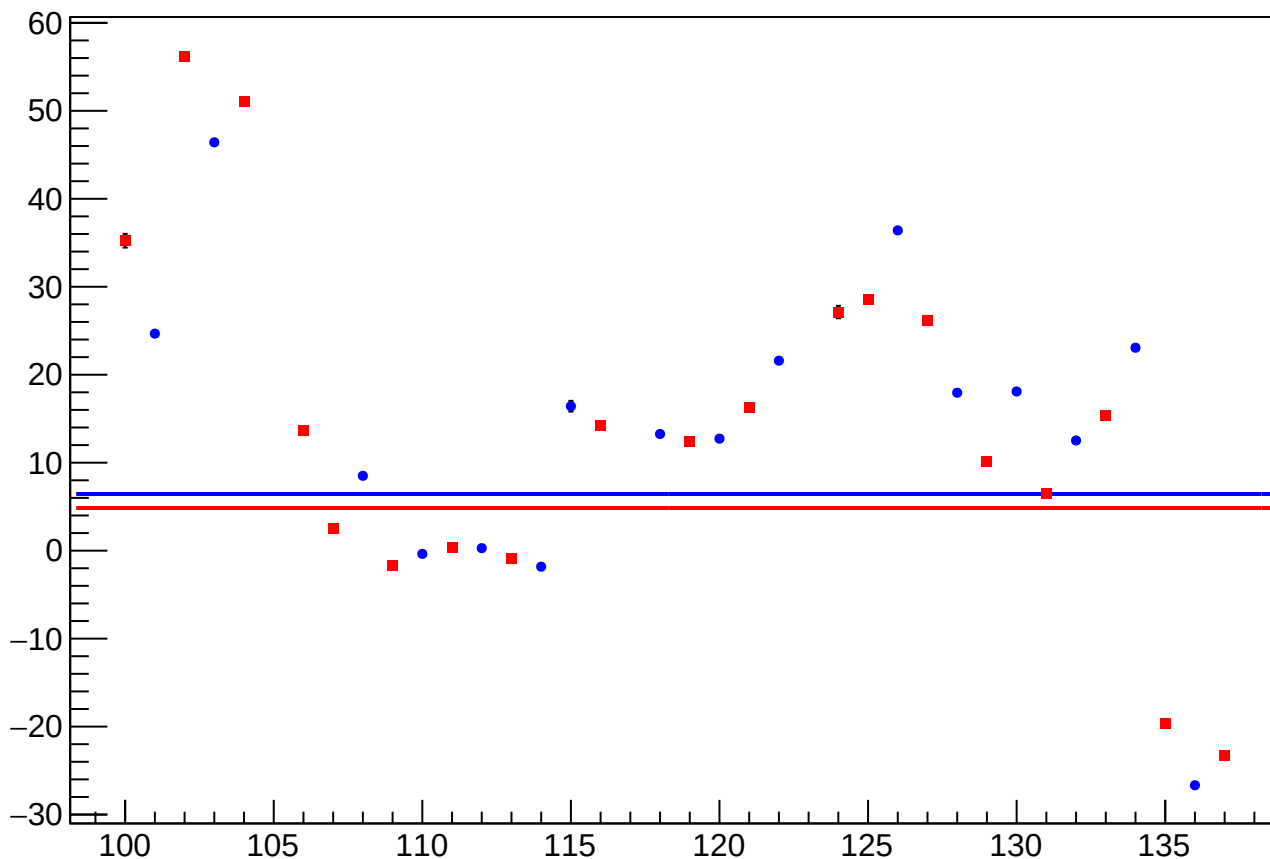
Right: 1.115+/-0.041 χ^2/NDF : 4182.7/34

In: 1.172+/-0.060 χ^2/NDF :2584.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.115+/-0.041 χ^2/NDF : 4182.7/34

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.442 $\pm$ 0.065 χ^2 /NDF: 70630.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.848 $\pm$ 0.059 χ^2 /NDF: 75159.9/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

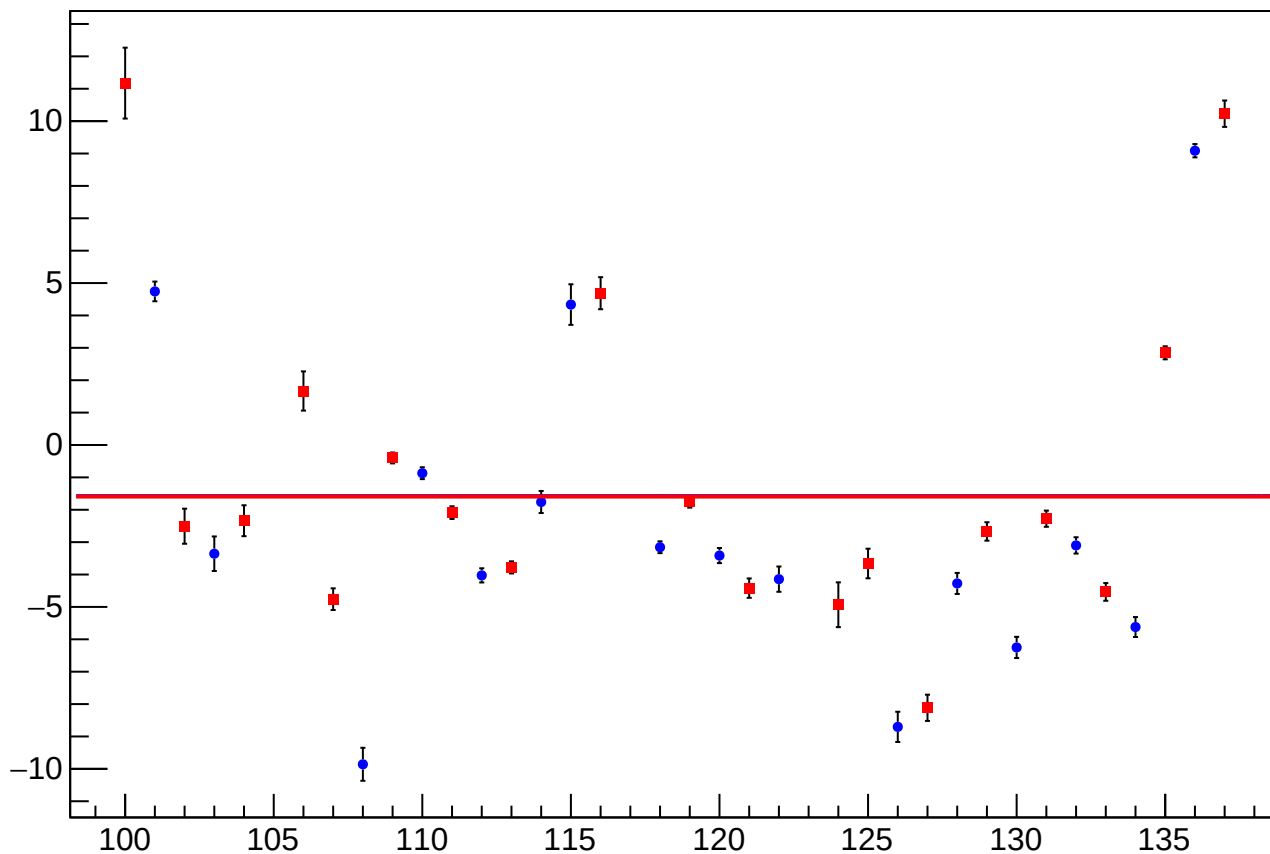
Right: 5.568 $\pm$ 0.044 χ^2 /NDF: 146121.3/34

In: 6.442 $\pm$ 0.065 χ^2 /NDF:70630.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.568 $\pm$ 0.044 χ^2 /NDF: 146121.3/34

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.580 ± 0.069 $\chi^2/\text{NDF}: 4524.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.589 ± 0.064 $\chi^2/\text{NDF}: 2472.2/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

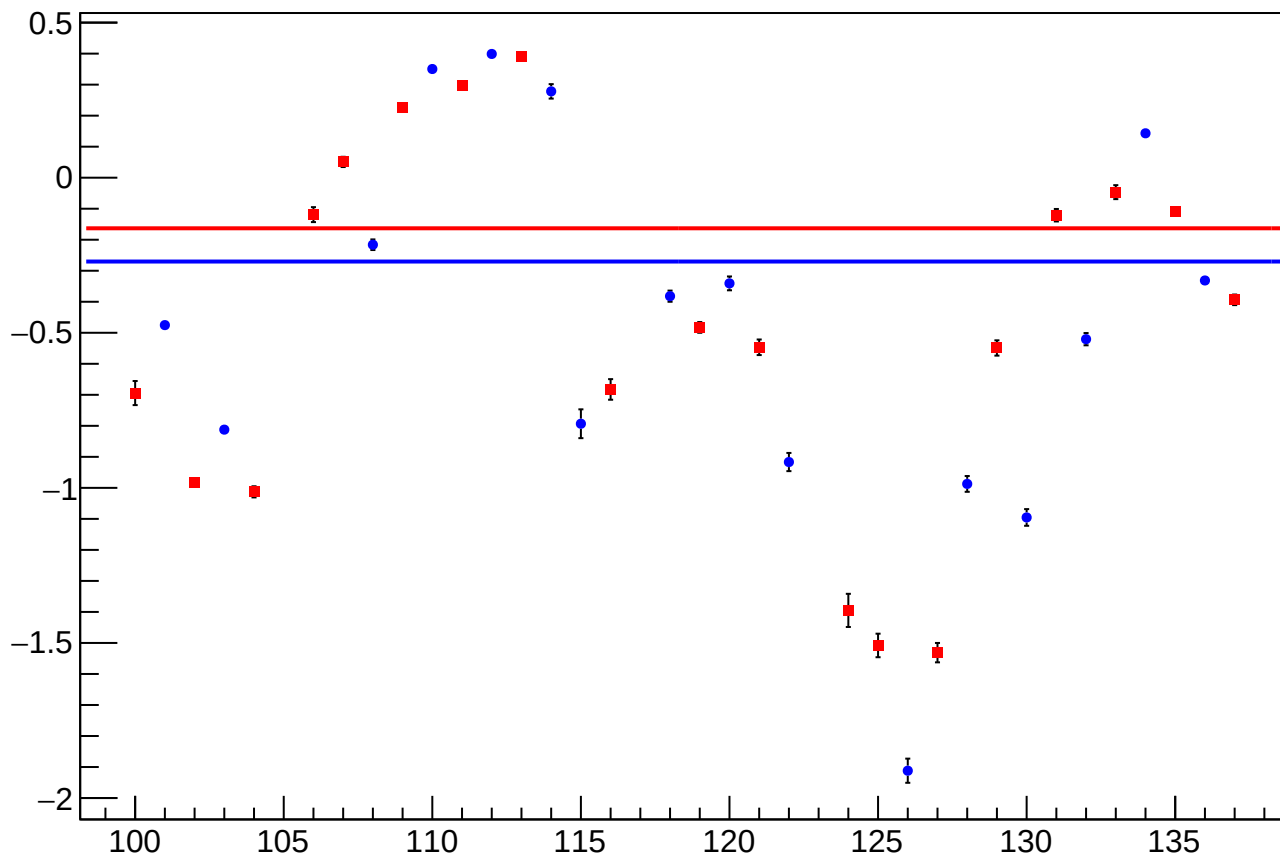
Right: -1.585 ± 0.047 $\chi^2/\text{NDF}: 6996.4/34$

In: -1.580 ± 0.069 $\chi^2/\text{NDF}: 4524.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.585 ± 0.047 $\chi^2/\text{NDF}: 6996.4/34$

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.270 ± 0.004 $\chi^2/\text{NDF}: 12036.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.163 ± 0.004 $\chi^2/\text{NDF}: 15510.0/18$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

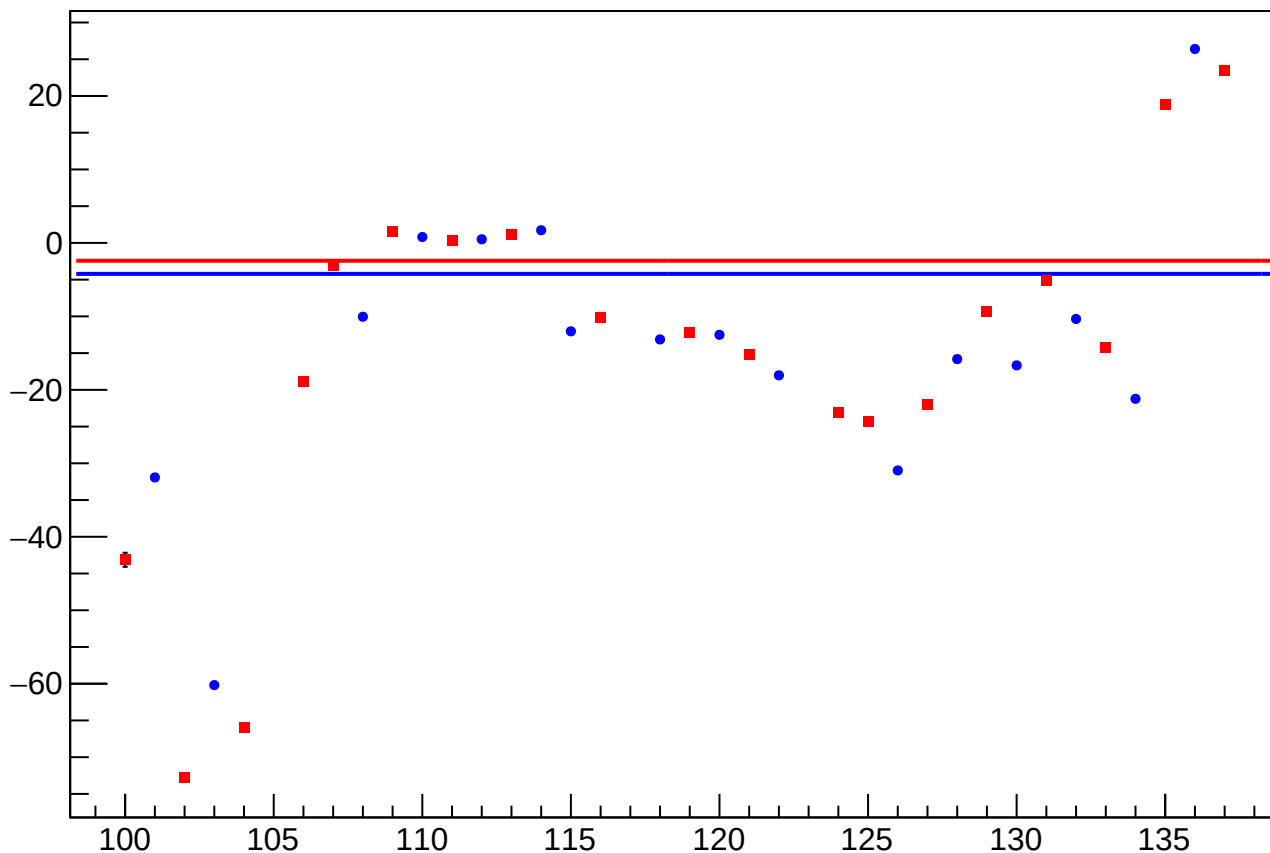
Right: -0.212 ± 0.003 $\chi^2/\text{NDF}: 27912.3/34$

In: -0.270 ± 0.004 $\chi^2/\text{NDF}: 12036.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.212 ± 0.003 $\chi^2/\text{NDF}: 27912.3/34$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.214+/-0.055 χ^2/NDF : 75215.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.427+/-0.046 χ^2/NDF : 80724.5/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

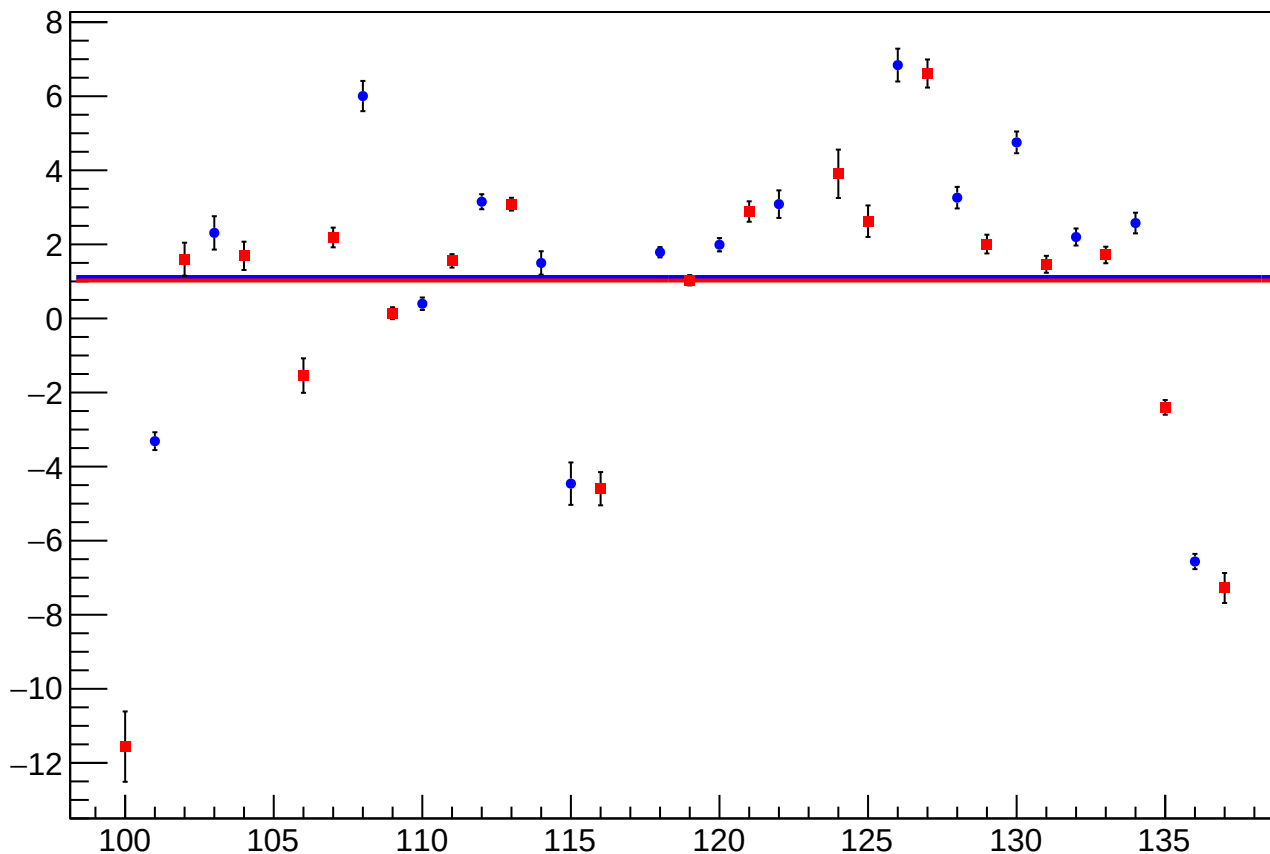
Right: -3.171+/-0.035 χ^2/NDF : 156563.0/34

In: -4.214+/-0.055 χ^2/NDF : 75215.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.171+/-0.035 χ^2/NDF : 156563.0/34

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.118+/-0.060 χ^2/NDF : 2591.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.025+/-0.057 χ^2/NDF : 1612.0/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

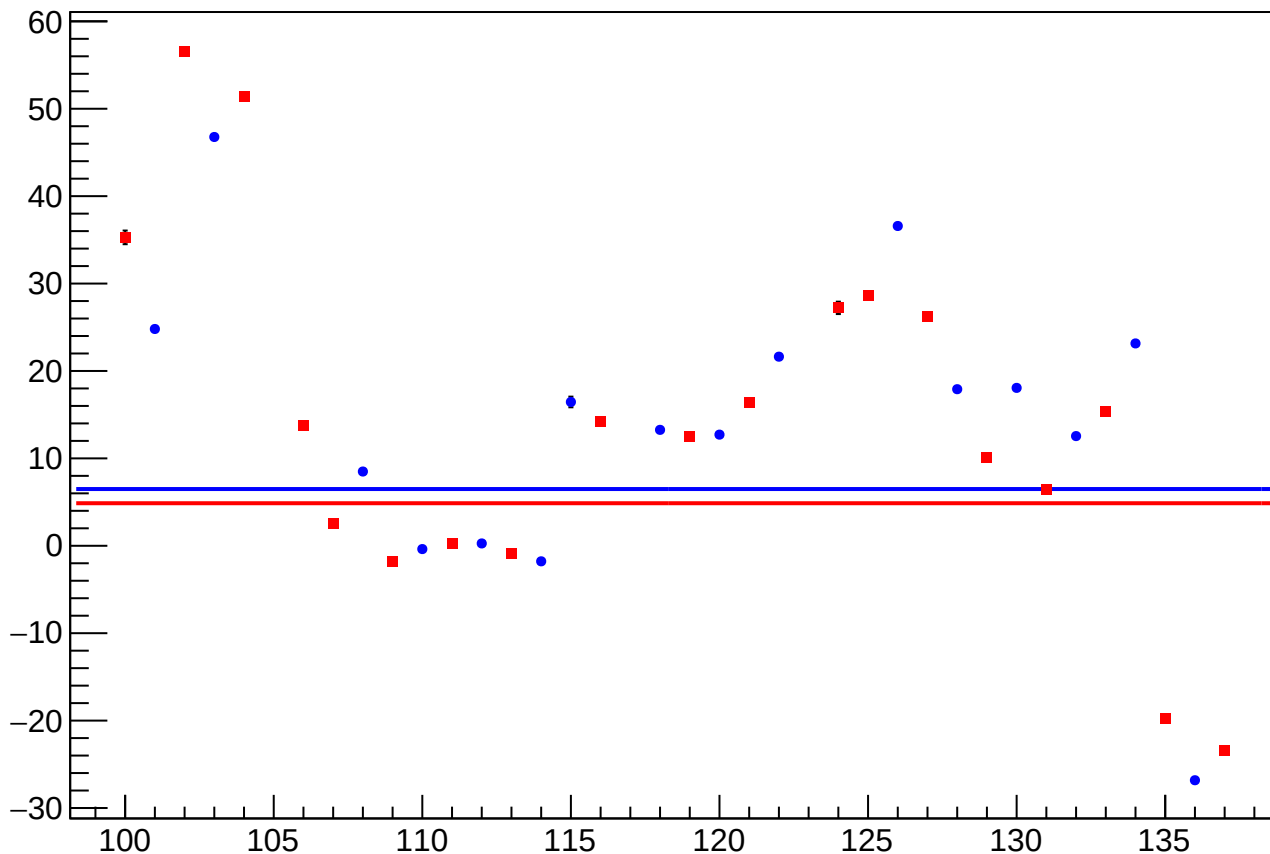
Right: 1.069+/-0.042 χ^2/NDF : 4205.0/34

In: 1.118+/-0.060 χ^2/NDF :2591.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.069+/-0.042 χ^2/NDF : 4205.0/34

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.492 $\pm$ 0.065 χ^2 /NDF: 70623.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.869 $\pm$ 0.059 χ^2 /NDF: 75265.6/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

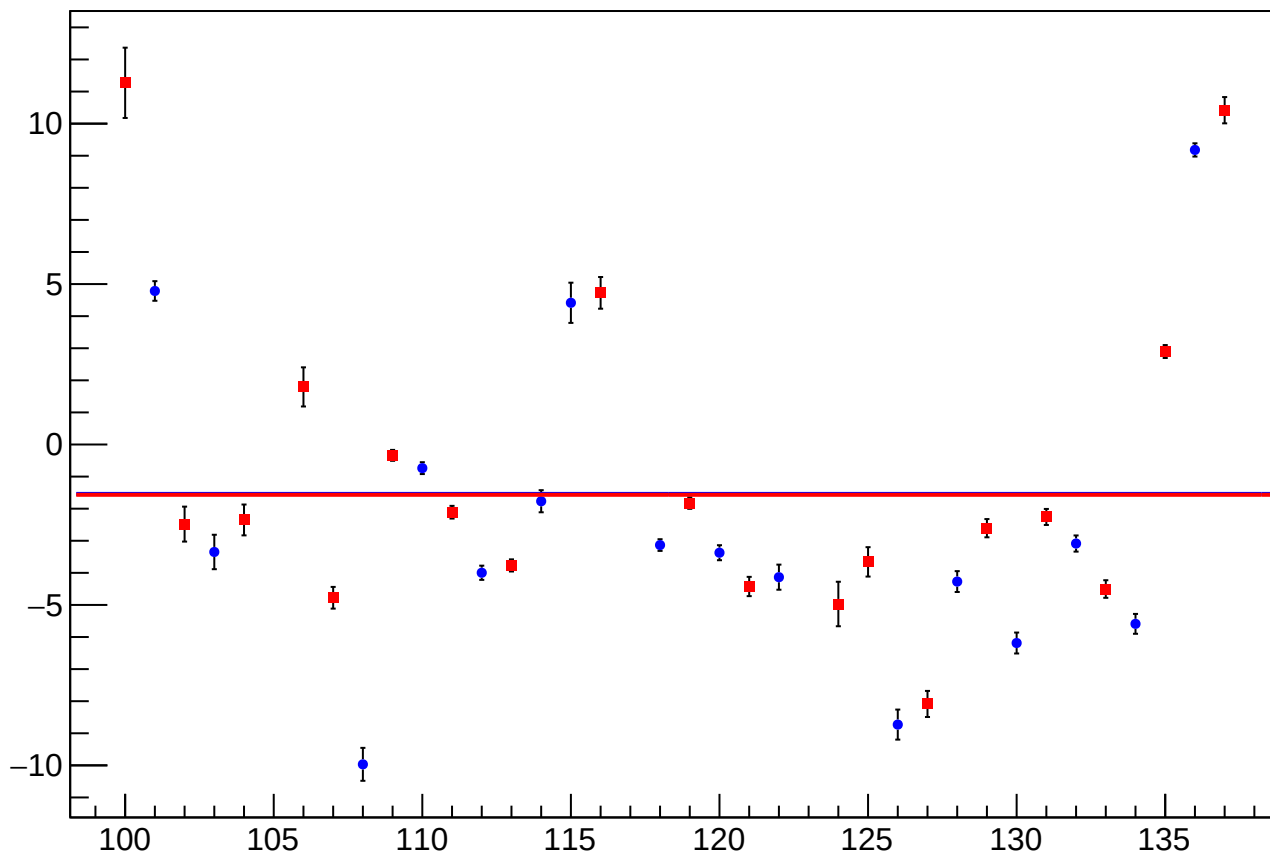
Right: 5.602 $\pm$ 0.044 χ^2 /NDF: 146229.3/34

In: 6.492 $\pm$ 0.065 χ^2 /NDF:70623.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.602 $\pm$ 0.044 χ^2 /NDF: 146229.3/34

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.540 ± 0.070 χ^2/NDF : 4535.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.567 ± 0.065 χ^2/NDF : 2497.0/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

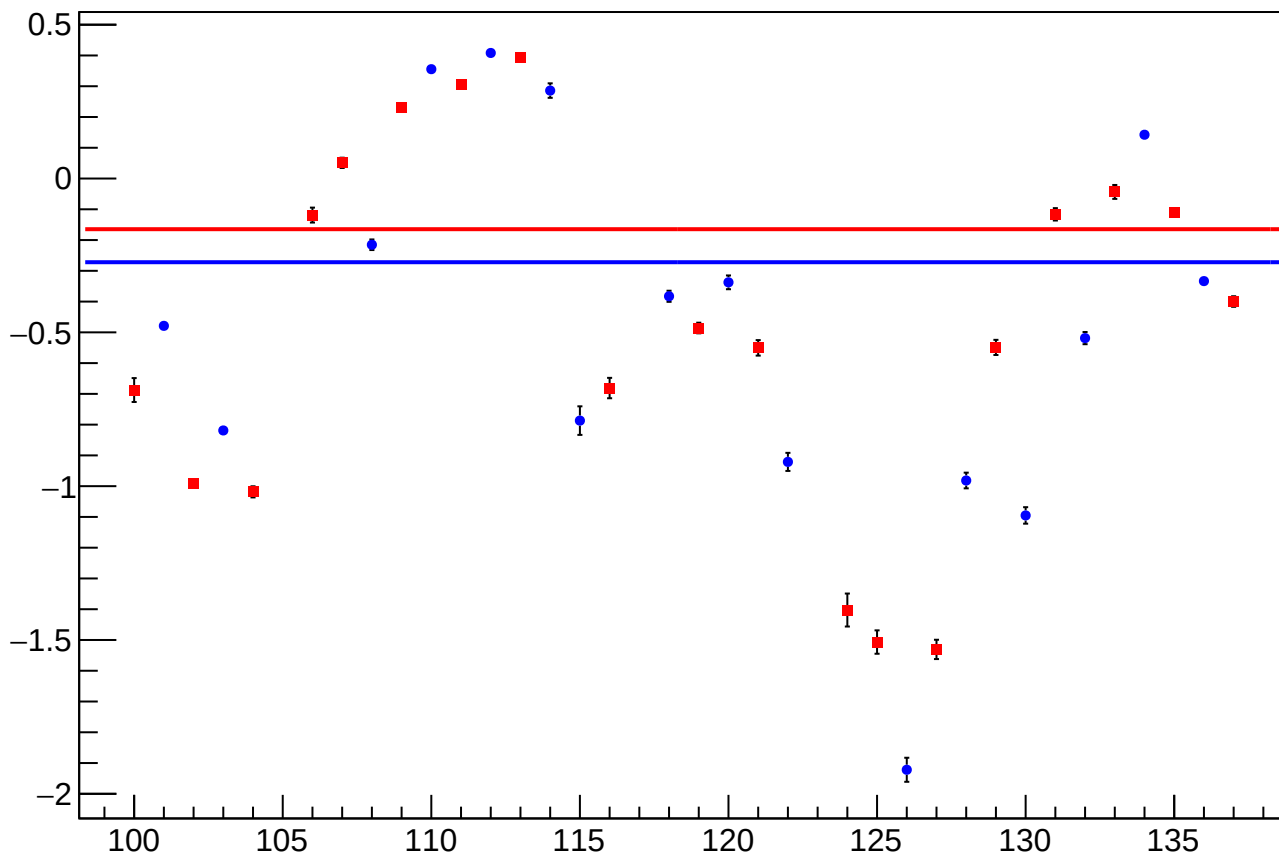
Right: -1.555 ± 0.047 χ^2/NDF : 7032.9/34

In: -1.540 ± 0.070 χ^2/NDF : 4535.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.555 ± 0.047 χ^2/NDF : 7032.9/34

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272 ± 0.004 χ^2/NDF : 12063.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.165 ± 0.004 χ^2/NDF : 15490.5/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

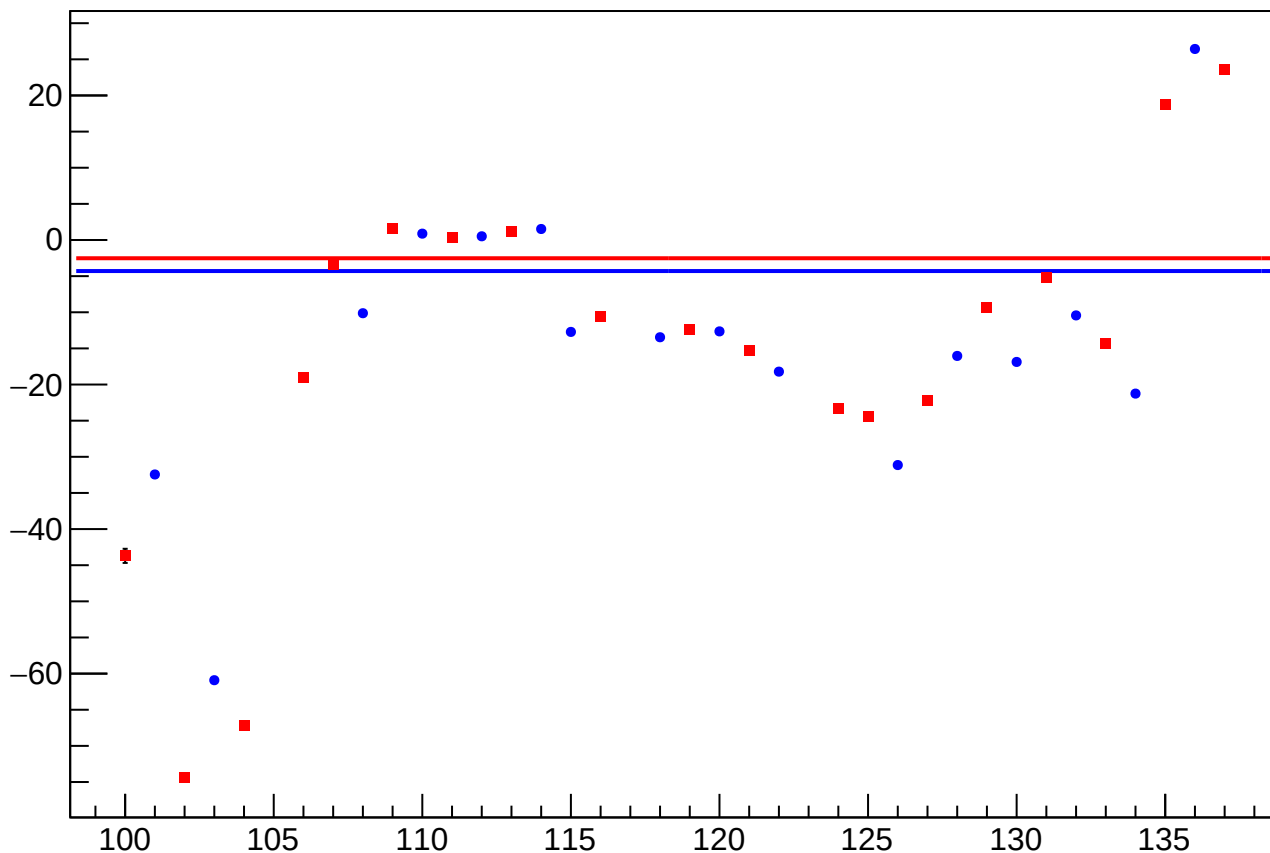
Right: -0.214 ± 0.003 χ^2/NDF : 27917.4/34

In: -0.272 ± 0.004 χ^2/NDF : 12063.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.214 ± 0.003 χ^2/NDF : 27917.4/34

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.296+/-0.056 χ^2/NDF : 74218.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.524+/-0.047 χ^2/NDF : 79883.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

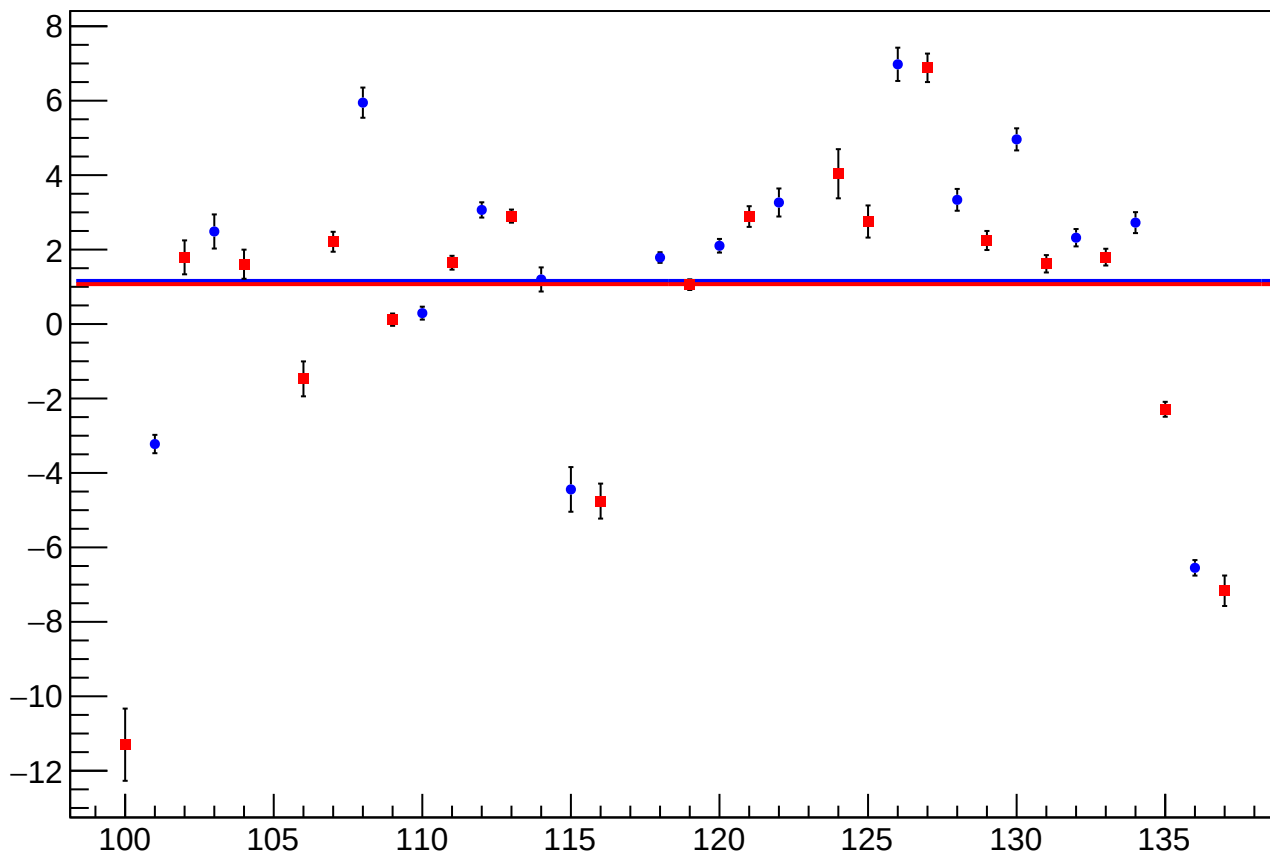
Right: -3.265+/-0.036 χ^2/NDF : 154689.9/34

In: -4.296+/-0.056 χ^2/NDF : 74218.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.265+/-0.036 χ^2/NDF : 154689.9/34

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.158+/-0.062 χ^2/NDF : 2549.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.072+/-0.058 χ^2/NDF : 1551.4/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

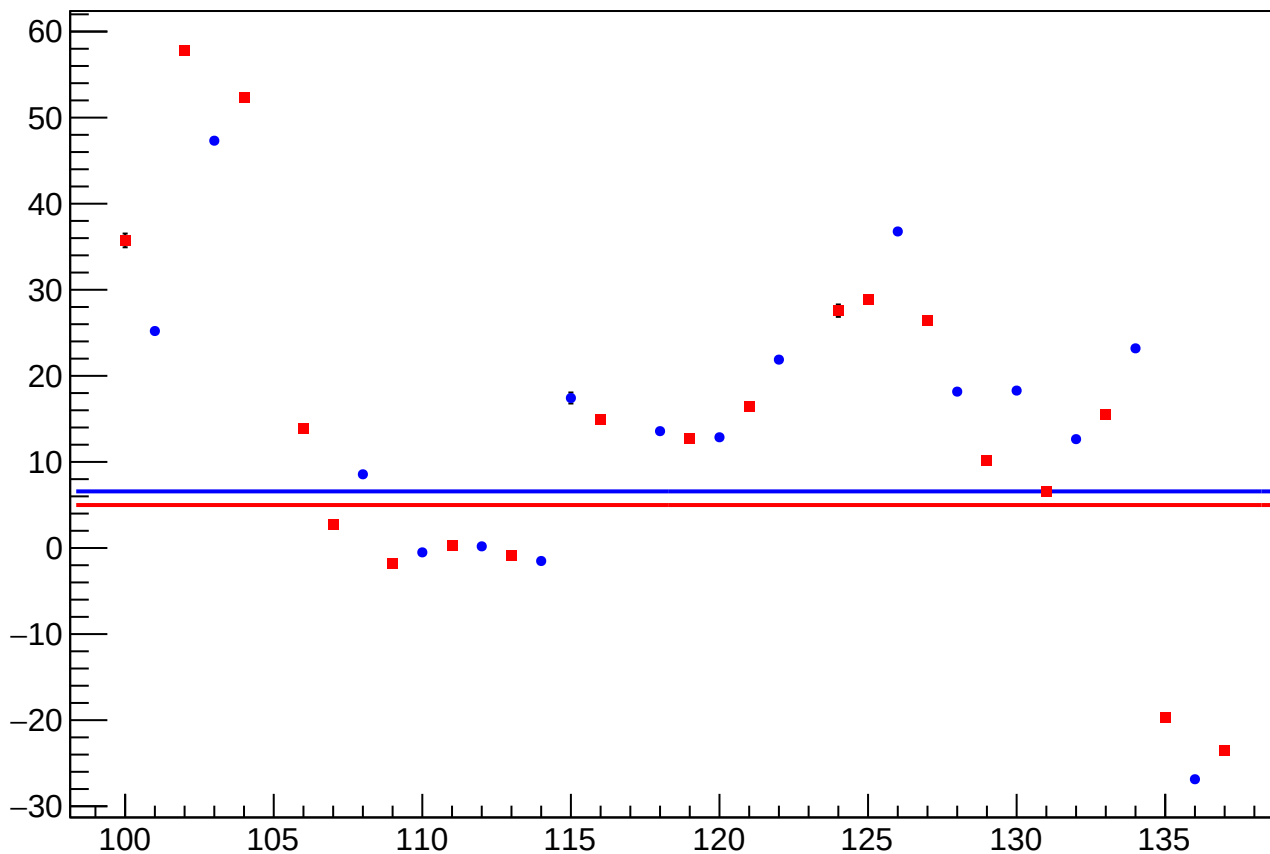
Right: 1.113+/-0.042 χ^2/NDF : 4102.4/34

In: 1.158+/-0.062 χ^2/NDF :2549.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.113+/-0.042 χ^2/NDF : 4102.4/34

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.578 $\pm$ 0.066 χ^2 /NDF: 69731.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.992 $\pm$ 0.060 χ^2 /NDF: 74461.3/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

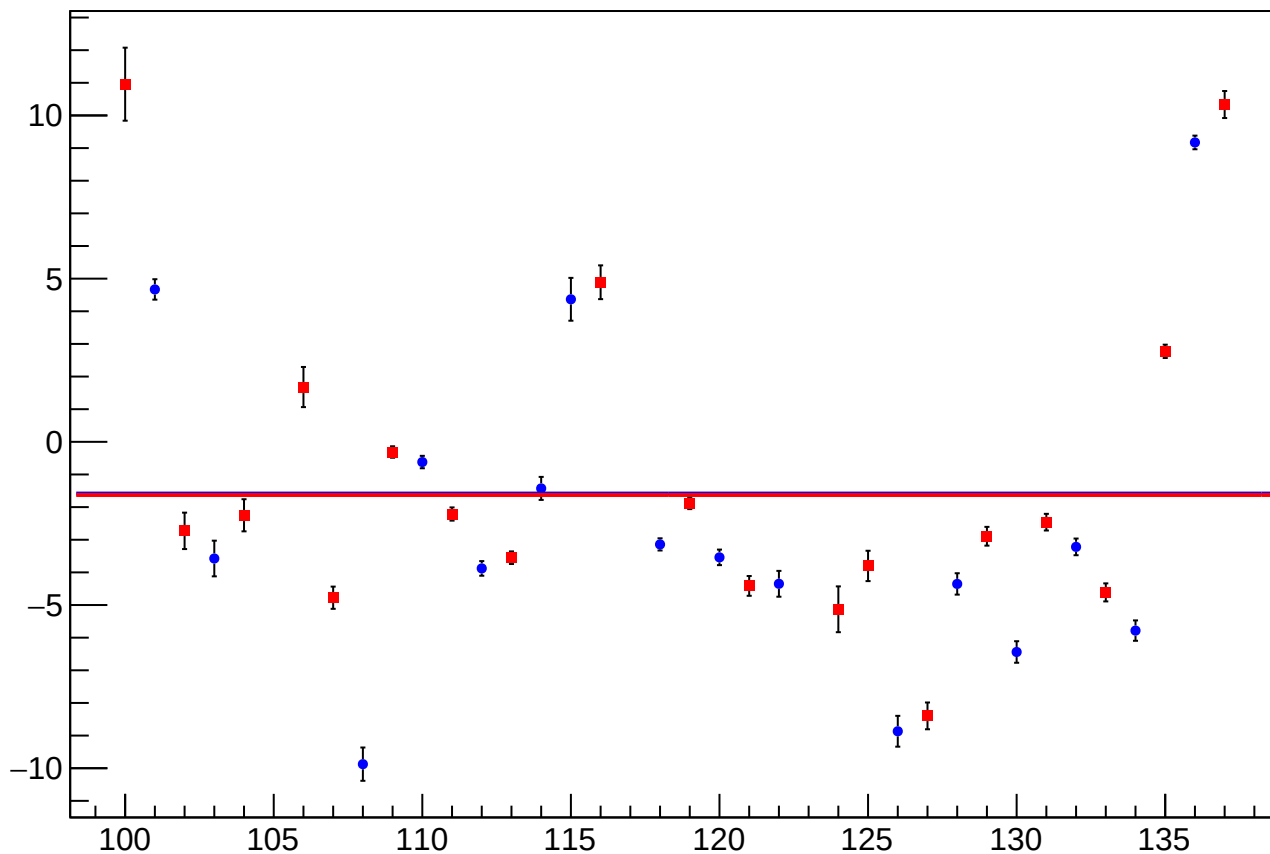
Right: 5.710 $\pm$ 0.045 χ^2 /NDF: 144504.9/34

In: 6.578 $\pm$ 0.066 χ^2 /NDF:69731.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.710 $\pm$ 0.045 χ^2 /NDF: 144504.9/34

reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.586 ± 0.071 χ^2/NDF : 4472.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.628 ± 0.066 χ^2/NDF : 2422.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

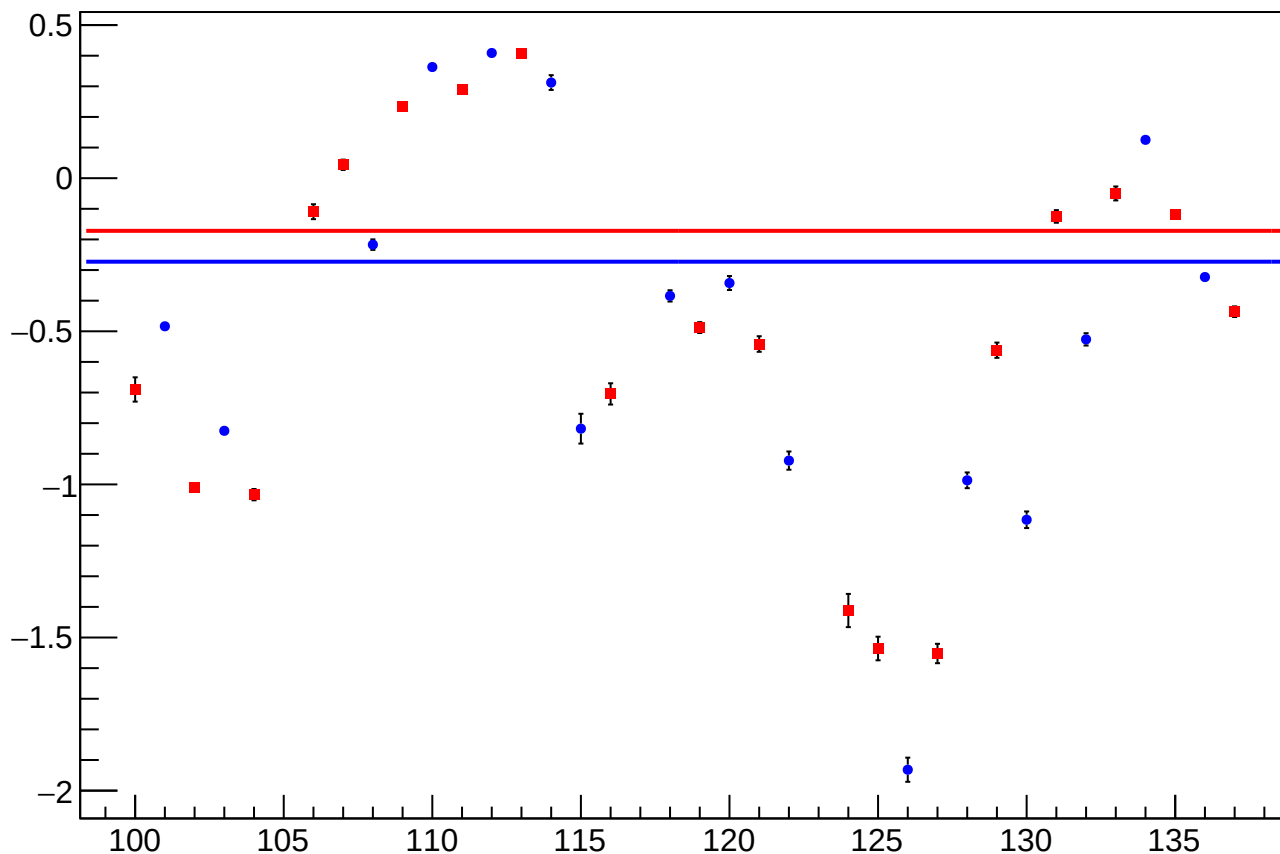
Right: -1.609 ± 0.048 χ^2/NDF : 6895.1/34

In: -1.586 ± 0.071 χ^2/NDF : 4472.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.609 ± 0.048 χ^2/NDF : 6895.1/34

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.273 ± 0.004 χ^2/NDF : 11856.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.172 ± 0.004 χ^2/NDF : 15322.3/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

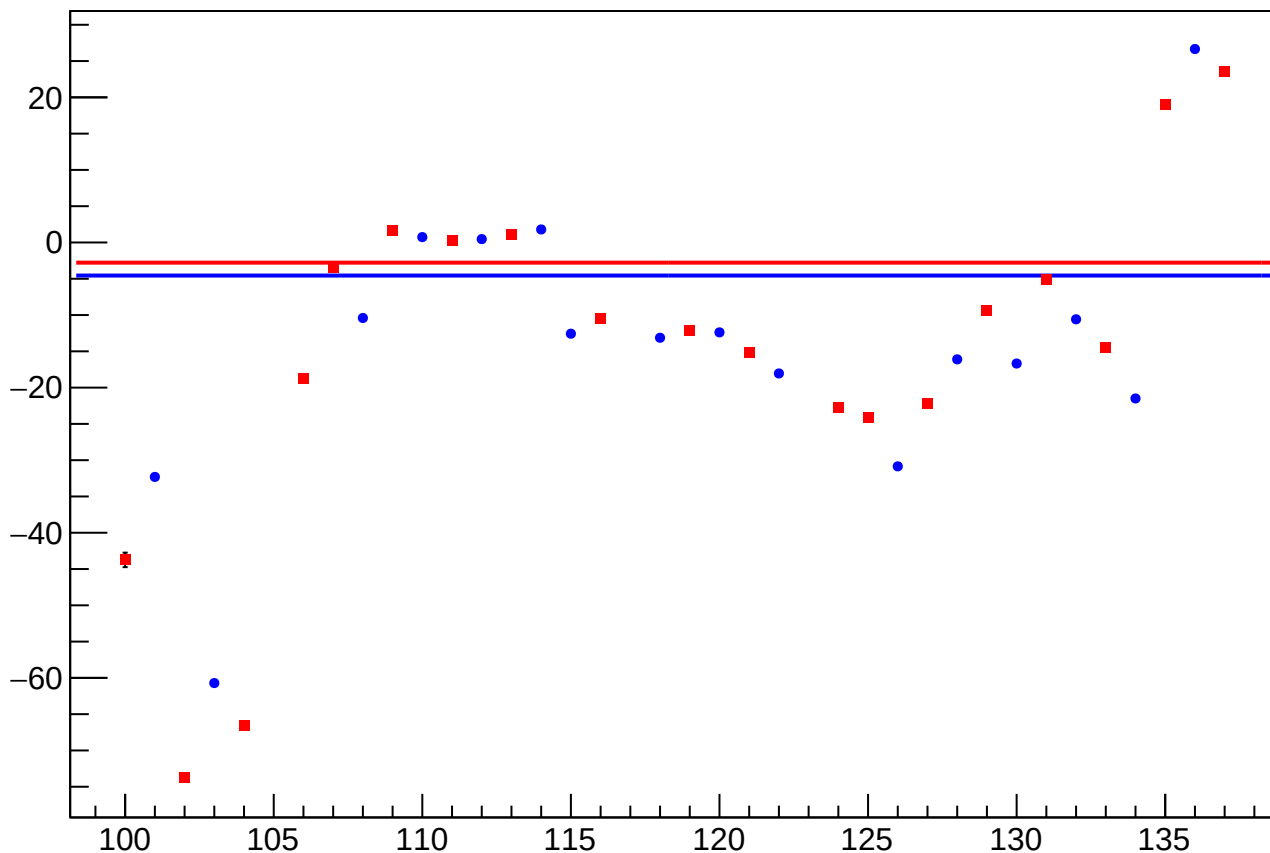
Right: -0.218 ± 0.003 χ^2/NDF : 27488.4/34

In: -0.273 ± 0.004 χ^2/NDF : 11856.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.218 ± 0.003 χ^2/NDF : 27488.4/34

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.557+/-0.057 χ^2/NDF : 72635.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.780+/-0.049 χ^2/NDF : 77905.3/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

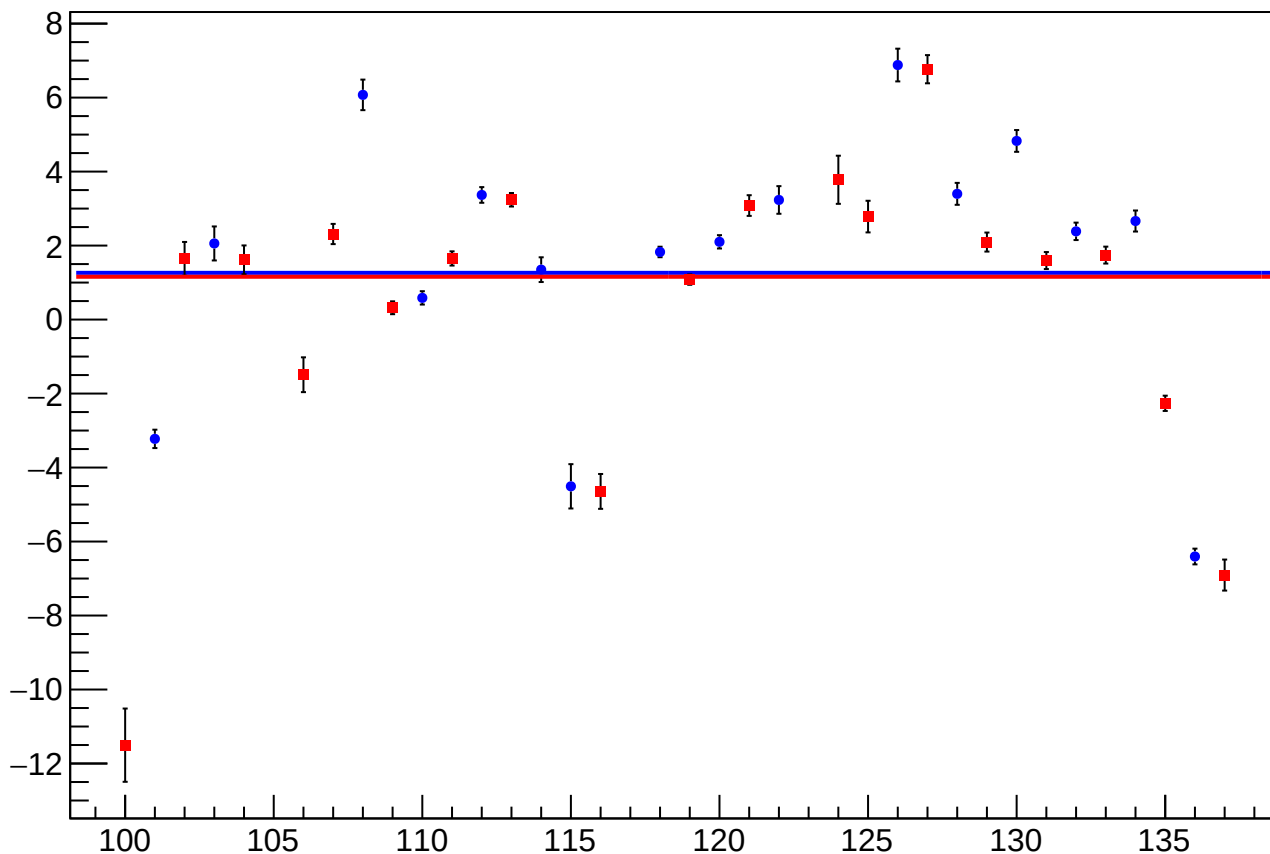
Right: -3.530+/-0.037 χ^2/NDF : 151106.4/34

In: -4.557+/-0.057 χ^2/NDF : 72635.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.530+/-0.037 χ^2/NDF : 151106.4/34

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.263+/-0.062 χ^2/NDF : 2443.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.157+/-0.059 χ^2/NDF : 1490.5/18

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

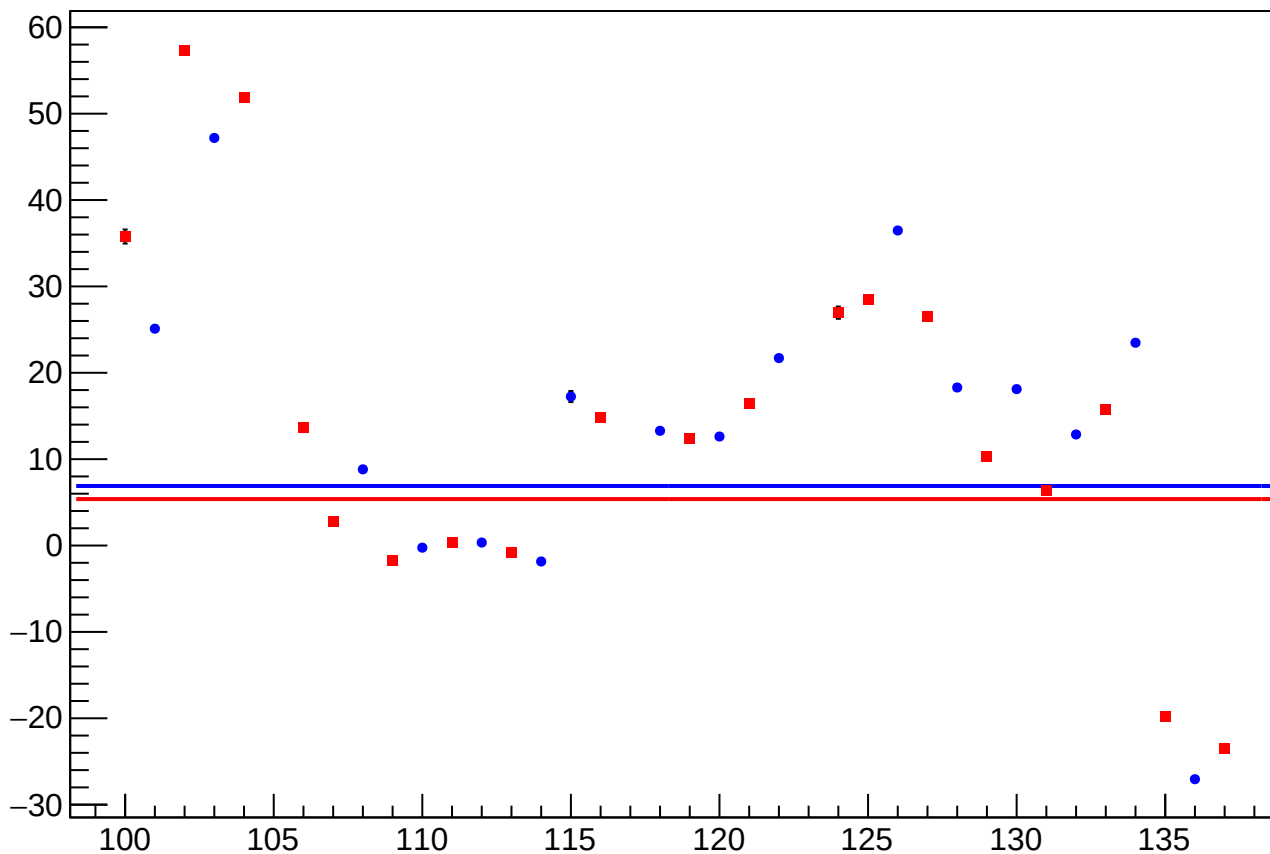
Right: 1.208+/-0.043 χ^2/NDF : 3935.9/34

In: 1.263+/-0.062 χ^2/NDF :2443.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.208+/-0.043 χ^2/NDF : 3935.9/34

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.895+/-0.067 χ^2/NDF : 68047.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.381+/-0.062 χ^2/NDF : 72230.2/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

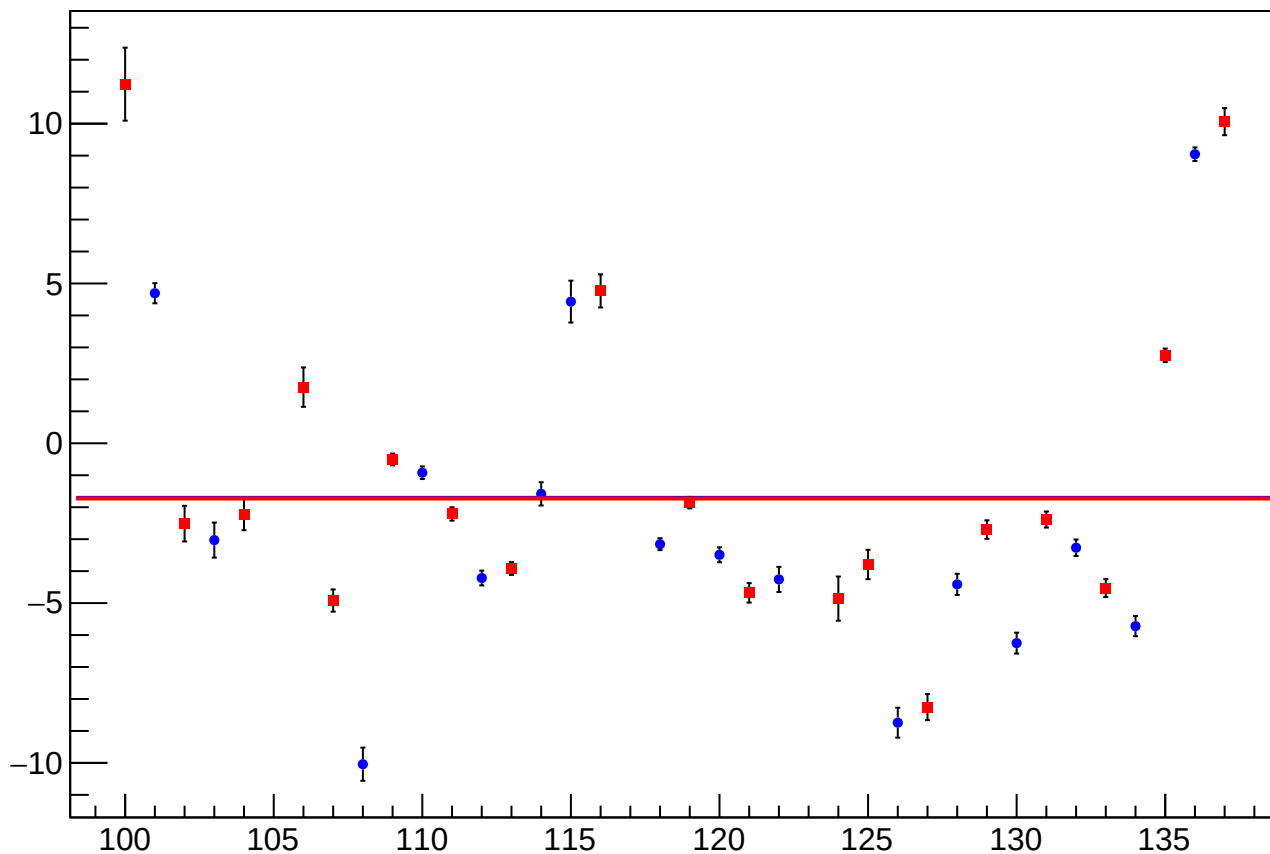
Right: 6.071+/-0.045 χ^2/NDF : 140552.1/34

In: 6.895+/-0.067 χ^2/NDF : 68047.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.071+/-0.045 χ^2/NDF : 140552.1/34

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.708 ± 0.072 χ^2/NDF : 4289.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.727 ± 0.067 χ^2/NDF : 2309.6/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

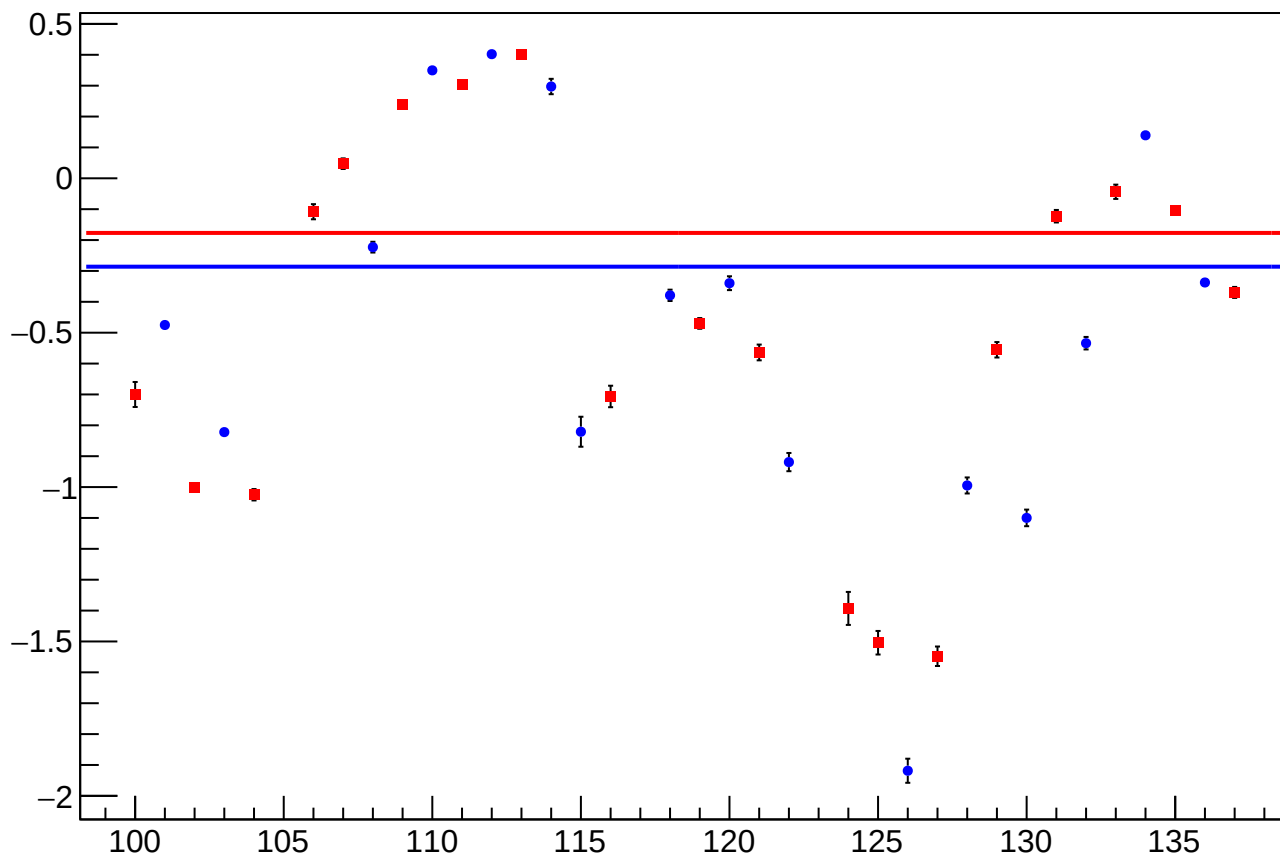
Right: -1.718 ± 0.049 χ^2/NDF : 6599.4/34

In: -1.708 ± 0.072 χ^2/NDF : 4289.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.718 ± 0.049 χ^2/NDF : 6599.4/34

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.286 ± 0.004 χ^2/NDF : 11361.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.177 ± 0.004 χ^2/NDF : 14767.8/18

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

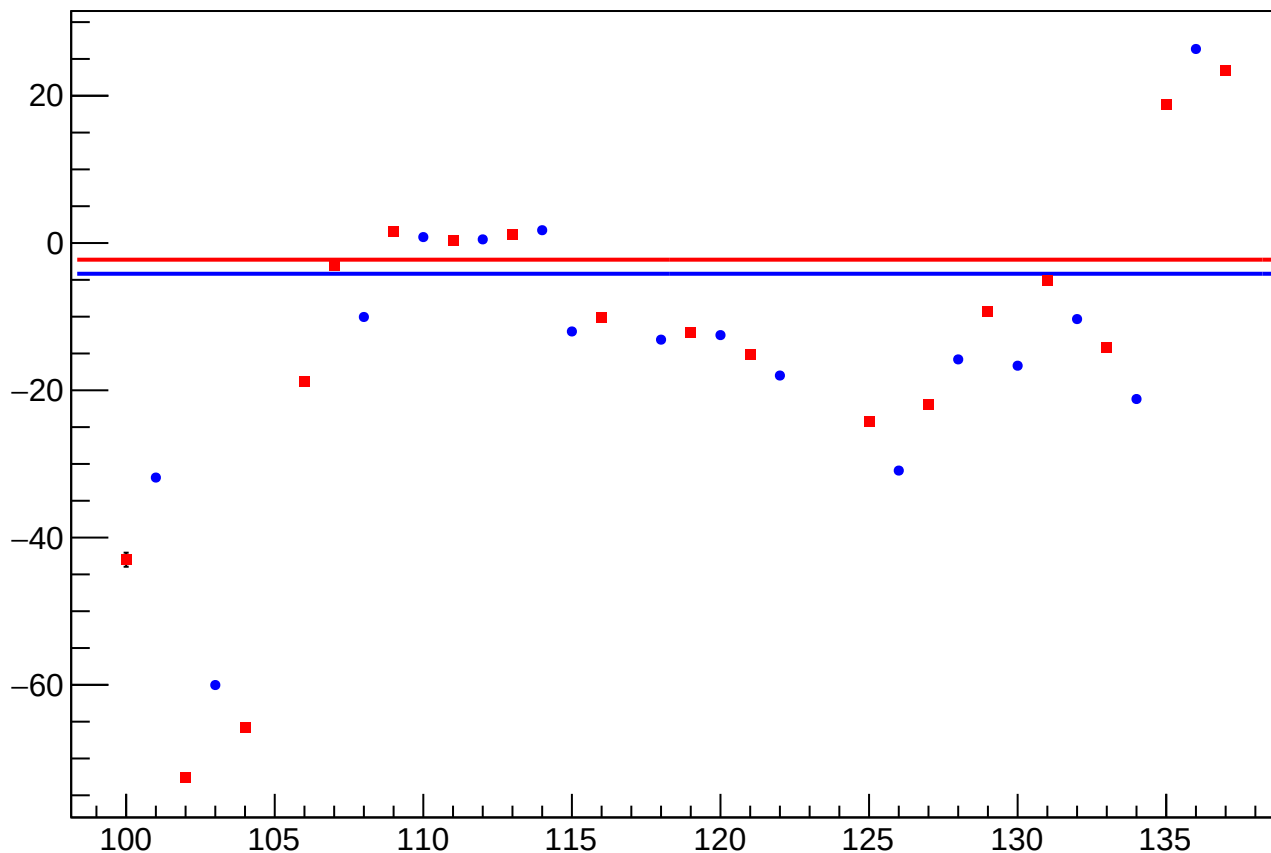
Right: -0.227 ± 0.003 χ^2/NDF : 26481.0/34

In: -0.286 ± 0.004 χ^2/NDF : 11361.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.227 ± 0.003 χ^2/NDF : 26481.0/34

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.173+/-0.054 χ^2/NDF : 75394.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.261+/-0.046 χ^2/NDF : 79624.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

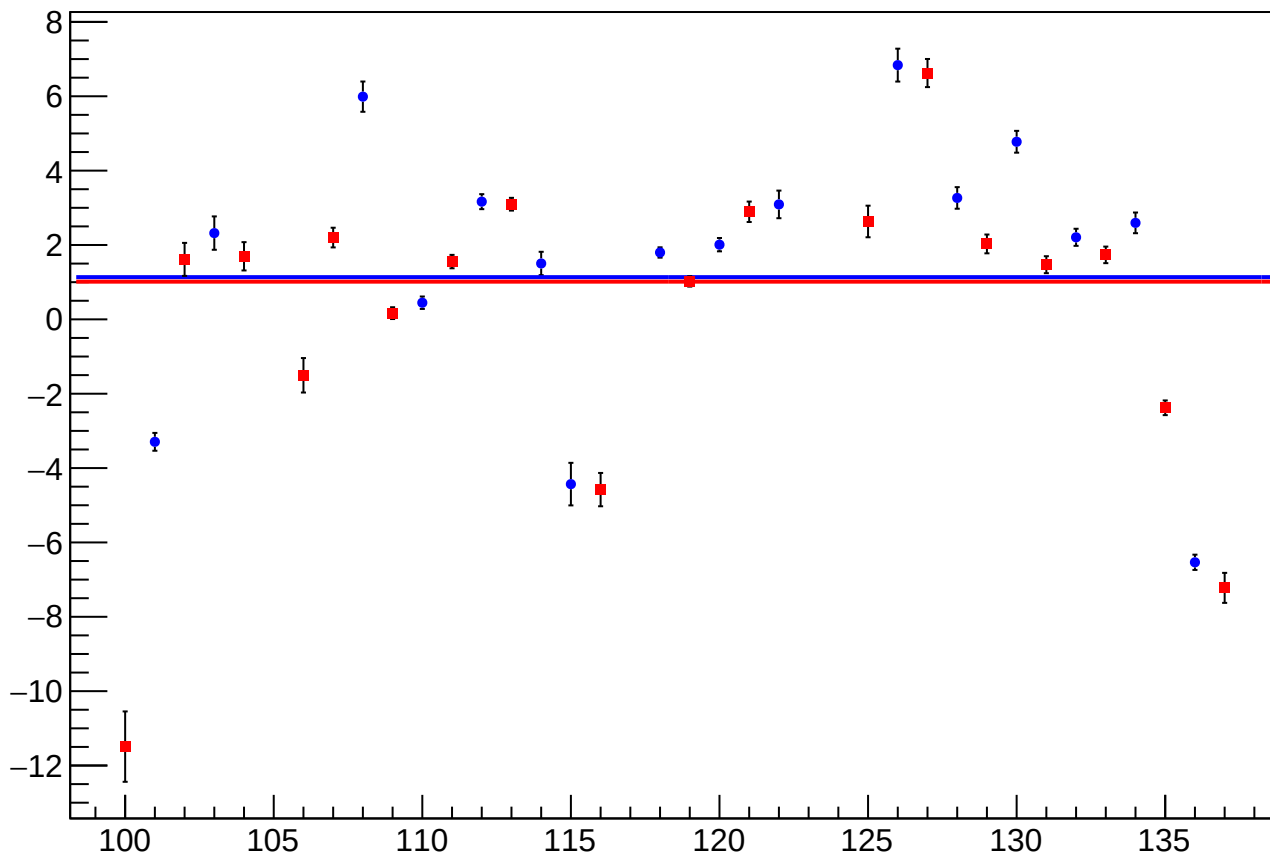
Right: -3.058+/-0.035 χ^2/NDF : 155737.8/33

In: -4.173+/-0.054 χ^2/NDF : 75394.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.058+/-0.035 χ^2/NDF : 155737.8/33

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.135+/-0.060 χ^2/NDF : 2595.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1.014+/-0.057 χ^2/NDF : 1593.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

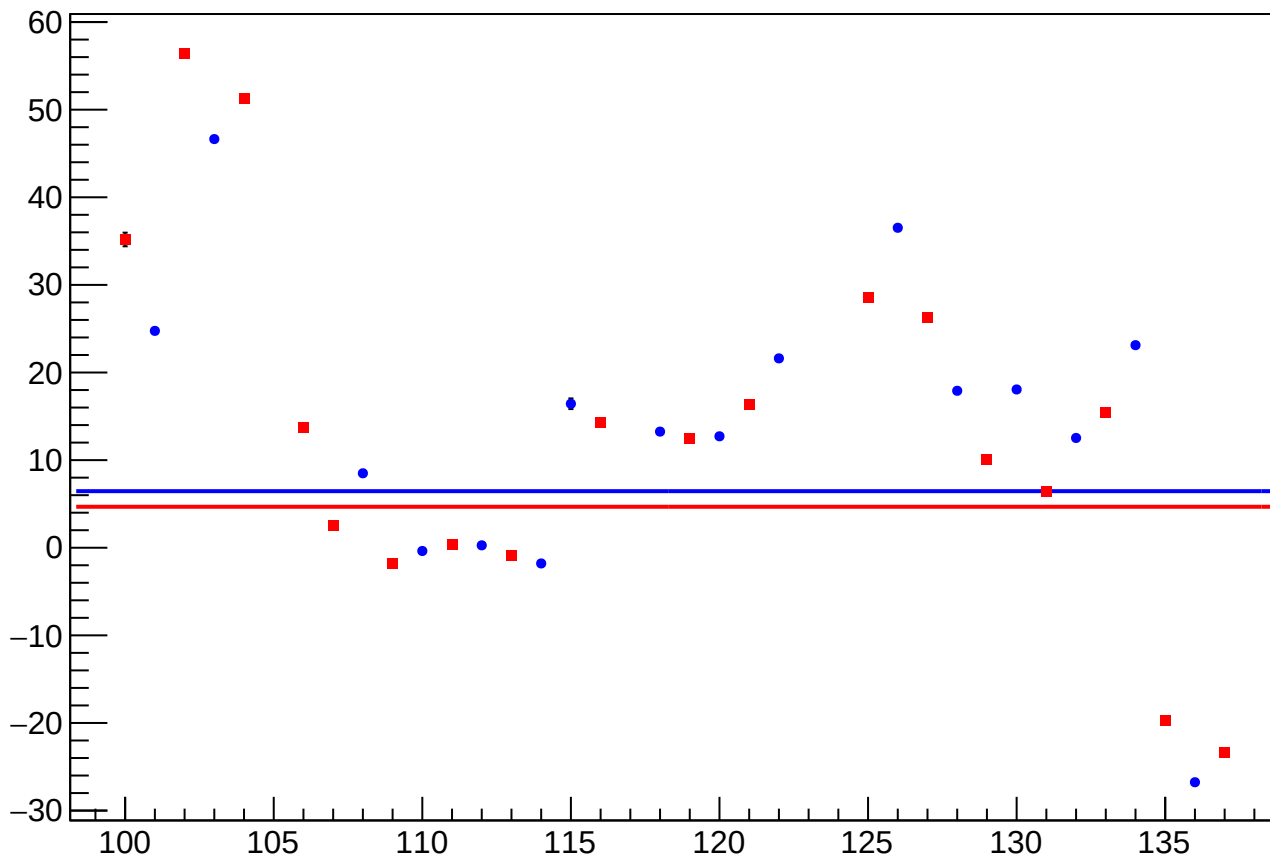
Right: 1.072+/-0.041 χ^2/NDF : 4190.8/33

In: 1.135+/-0.060 χ^2/NDF :2595.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.072+/-0.041 χ^2/NDF : 4190.8/33

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.458+/-0.065 χ^2/NDF : 70792.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.677+/-0.059 χ^2/NDF : 74414.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

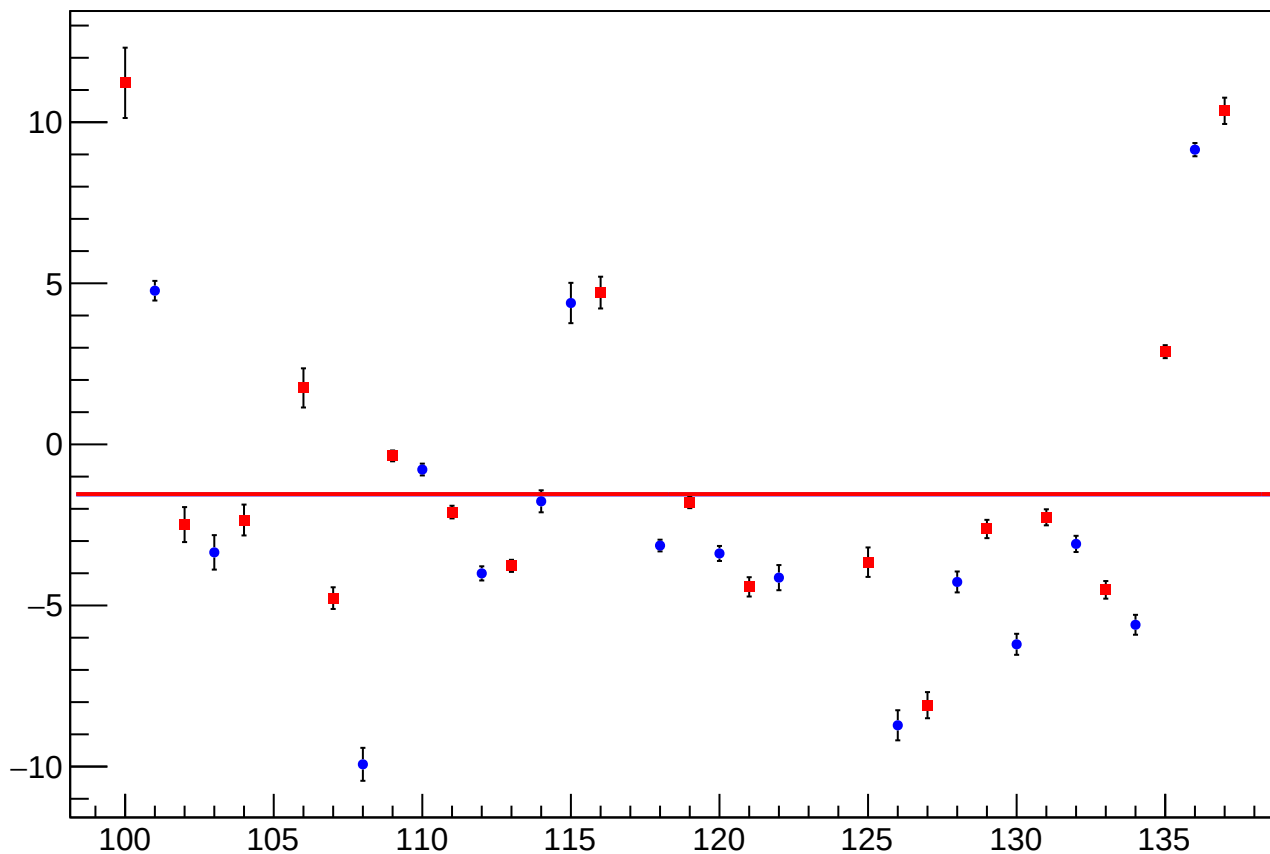
Right: 5.483+/-0.044 χ^2/NDF : 145618.4/33

In: 6.458+/-0.065 χ^2/NDF : 70792.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.483+/-0.044 χ^2/NDF : 145618.4/33

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.552 ± 0.069 χ^2/NDF : 4543.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.543 ± 0.065 χ^2/NDF : 2473.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

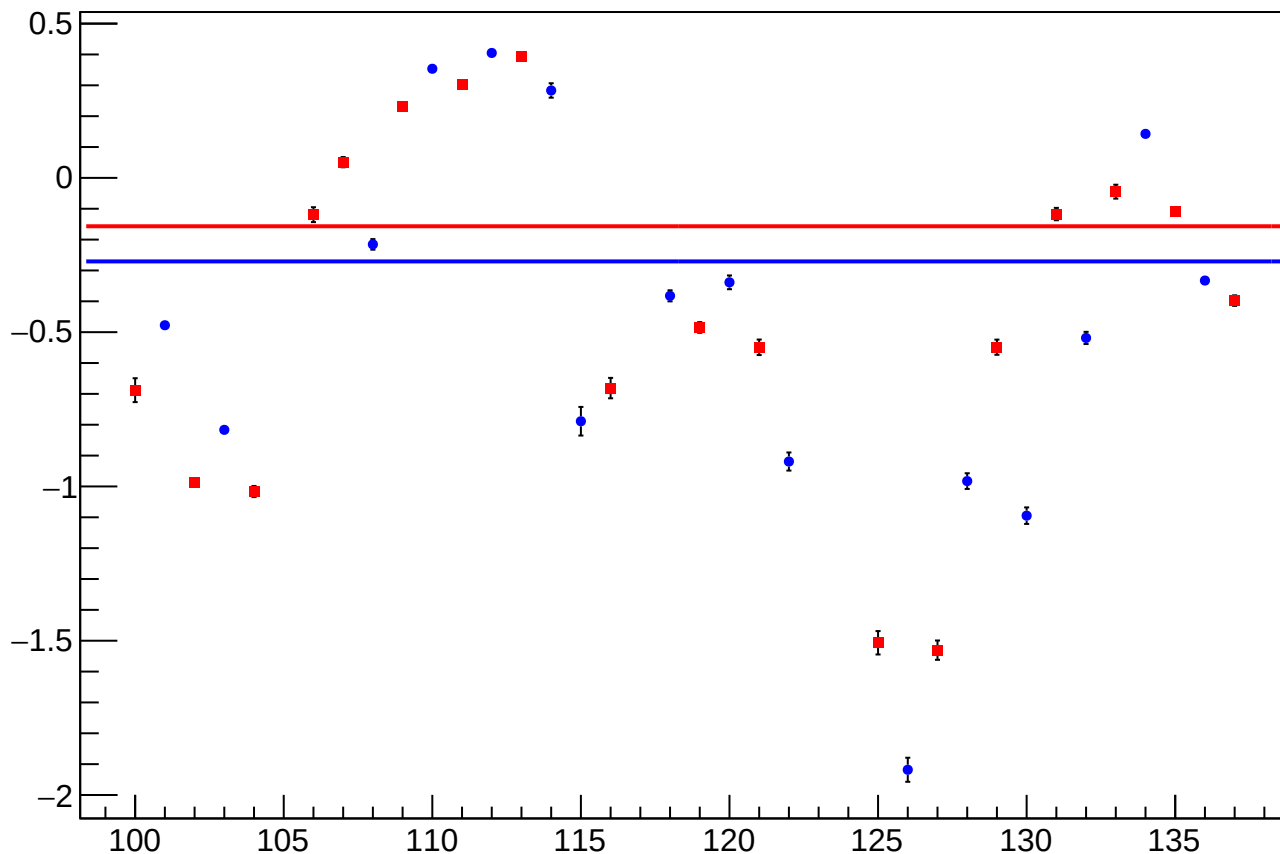
Right: -1.547 ± 0.047 χ^2/NDF : 7016.6/33

In: -1.552 ± 0.069 χ^2/NDF : 4543.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.547 ± 0.047 χ^2/NDF : 7016.6/33

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.271+/-0.004 χ^2 /NDF: 12096.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.157+/-0.004 χ^2 /NDF: 15019.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

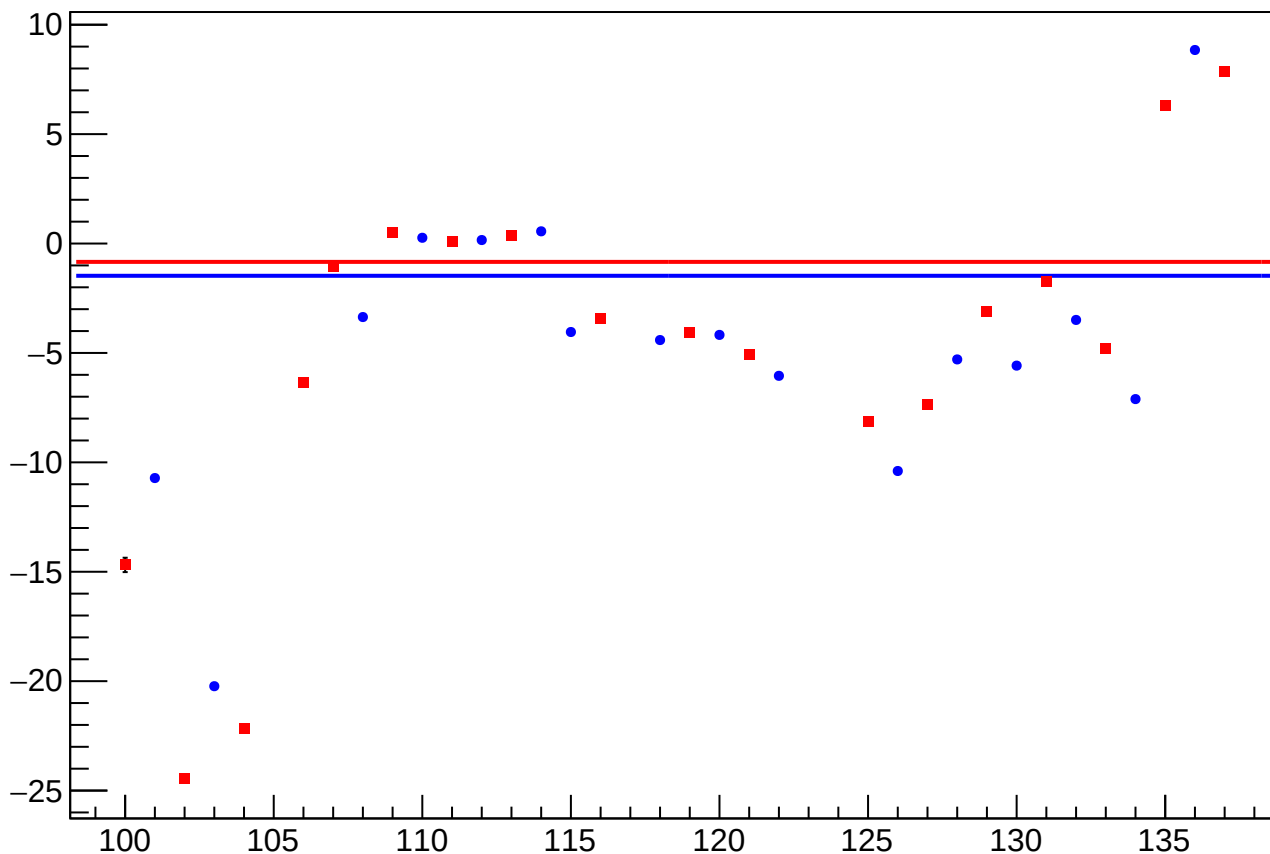
Right: -0.209+/-0.003 χ^2 /NDF: 27526.5/33

In: -0.271+/-0.004 χ^2 /NDF:12096.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.209+/-0.003 χ^2 /NDF: 27526.5/33

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -1.474+/-0.019 χ^2/NDF : 73722.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.838+/-0.016 χ^2/NDF : 78013.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

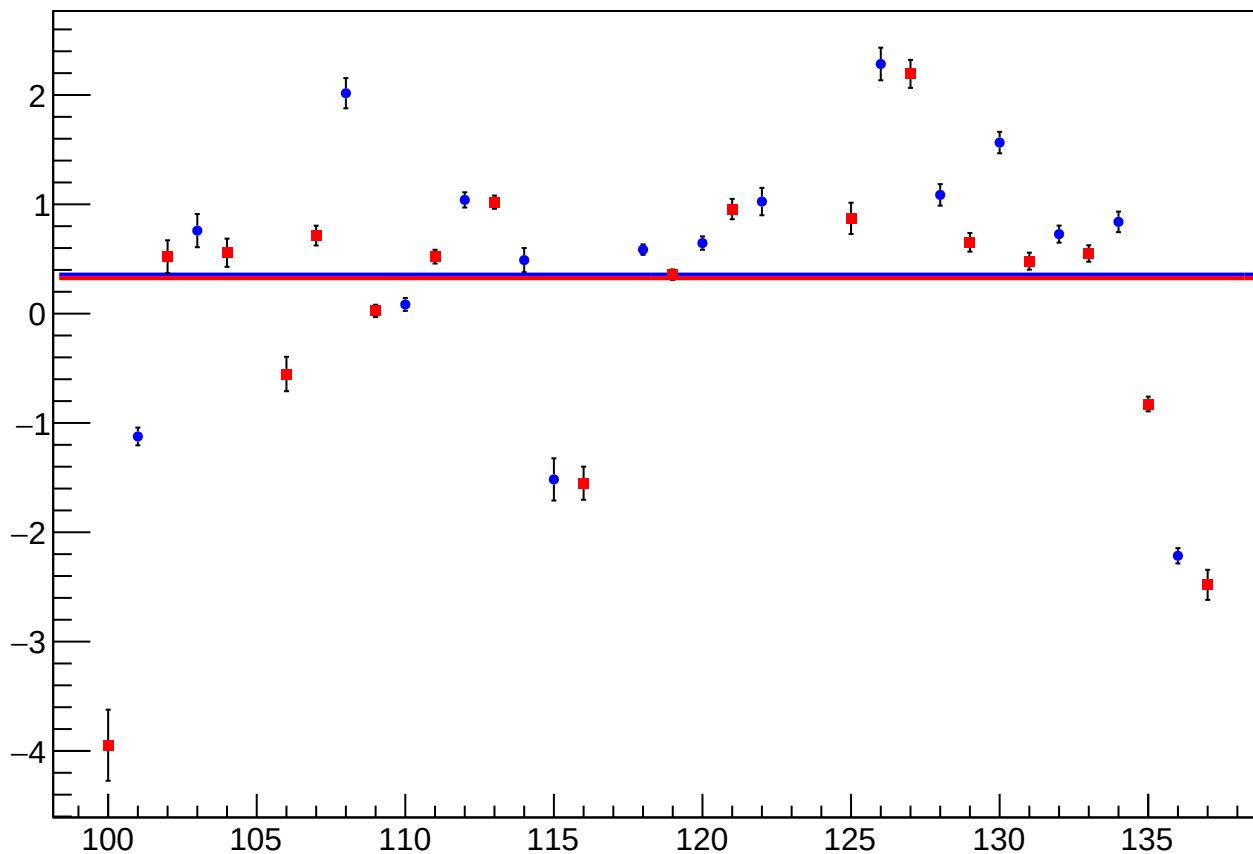
Right: -1.107+/-0.012 χ^2/NDF : 152399.4/33

In: -1.474+/-0.019 χ^2/NDF : 73722.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.107+/-0.012 χ^2/NDF : 152399.4/33

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.357+/-0.021 χ^2/NDF : 2543.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.324+/-0.020 χ^2/NDF : 1558.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

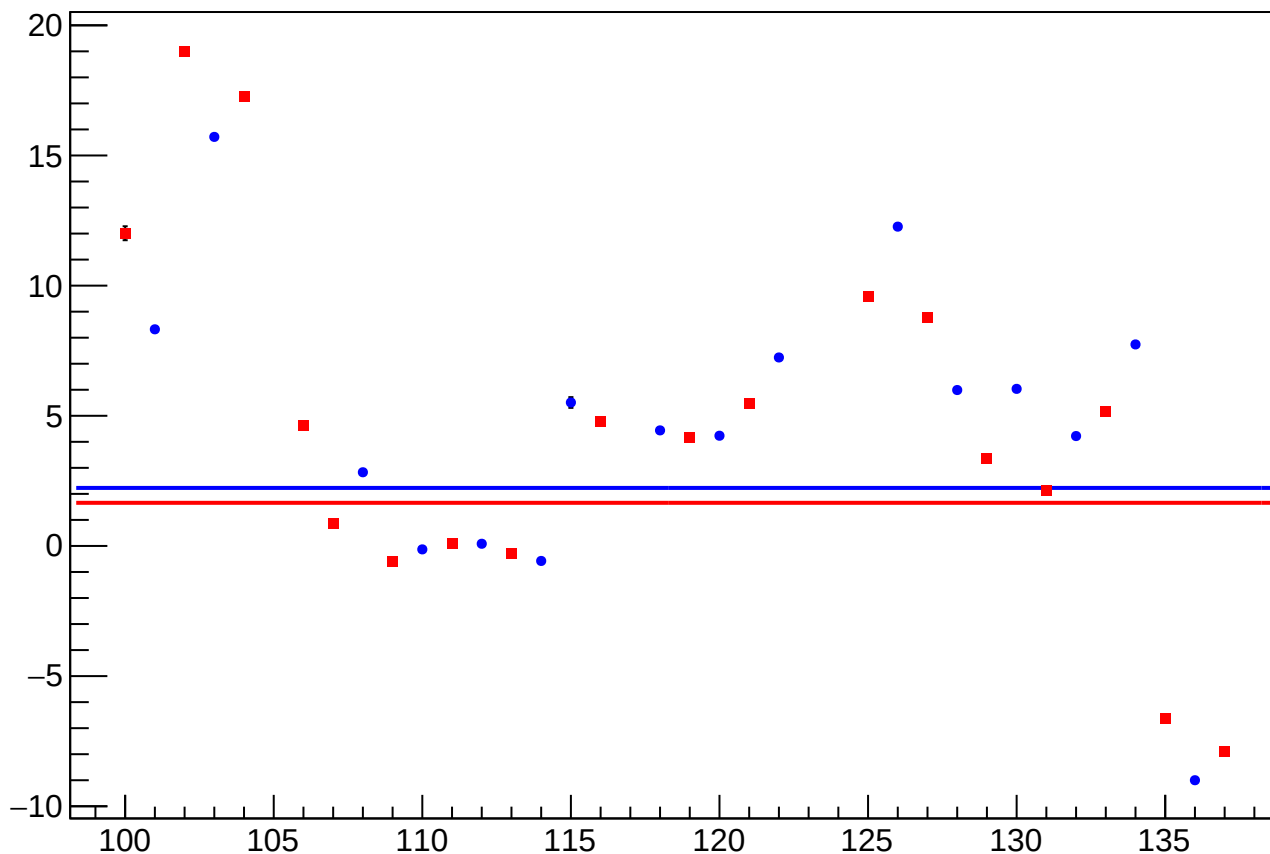
Right: 0.340+/-0.014 χ^2/NDF : 4103.4/33

In: 0.357+/-0.021 χ^2/NDF :2543.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.340+/-0.014 χ^2/NDF : 4103.4/33

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 2.229+/-0.022 χ^2/NDF : 69187.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.657+/-0.020 χ^2/NDF : 72797.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

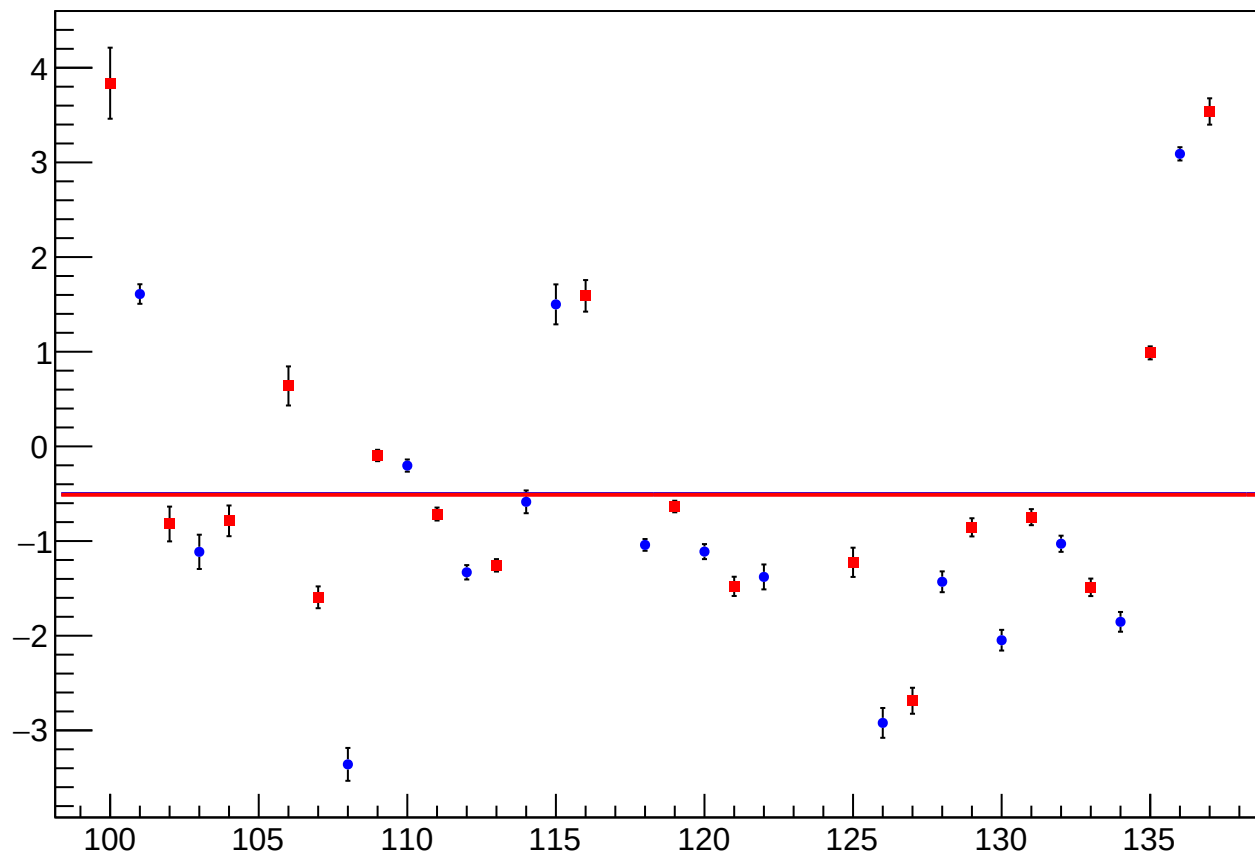
Right: 1.919+/-0.015 χ^2/NDF : 142343.2/33

In: 2.229+/-0.022 χ^2/NDF : 69187.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.919+/-0.015 χ^2/NDF : 142343.2/33

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -0.504 ± 0.024 χ^2/NDF : 4447.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.511 ± 0.022 χ^2/NDF : 2424.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

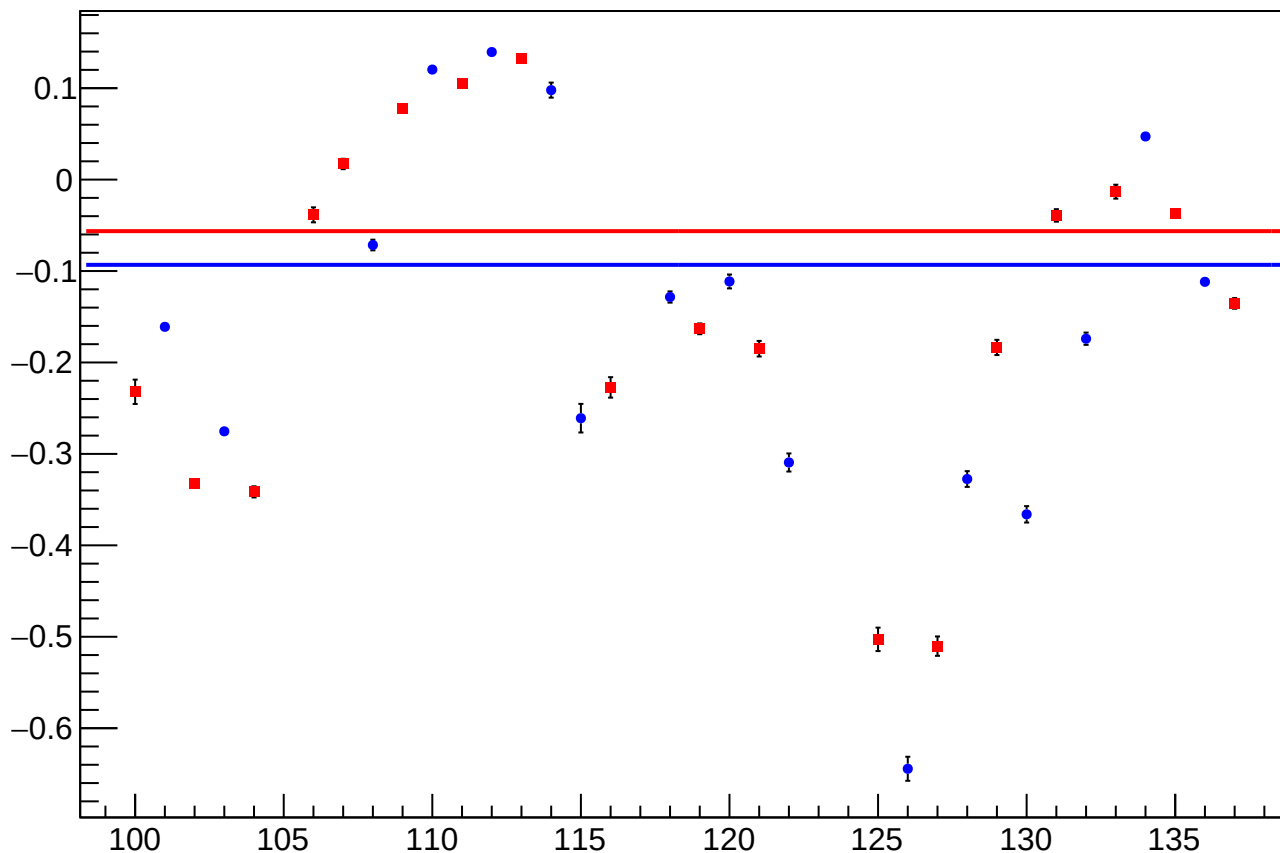
Right: -0.507 ± 0.016 χ^2/NDF : 6871.2/33

In: -0.504 ± 0.024 χ^2/NDF : 4447.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.507 ± 0.016 χ^2/NDF : 6871.2/33

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.093+/-0.001 χ^2/NDF : 11742.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.056+/-0.001 χ^2/NDF : 14457.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

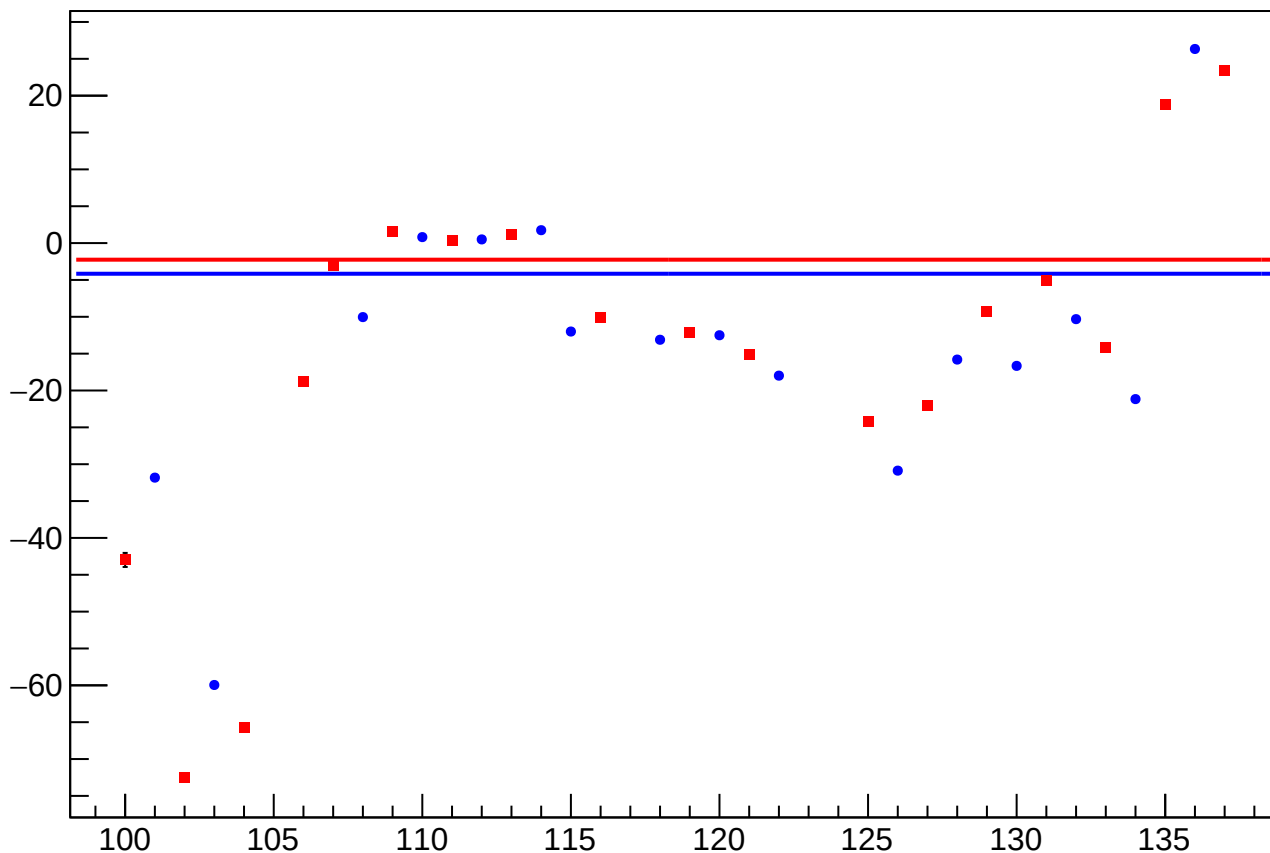
Right: -0.073+/-0.001 χ^2/NDF : 26566.6/33

In: -0.093+/-0.001 χ^2/NDF :11742.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.073+/-0.001 χ^2/NDF : 26566.6/33

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -4.159+/-0.054 χ^2/NDF : 75420.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.251+/-0.046 χ^2/NDF : 79637.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

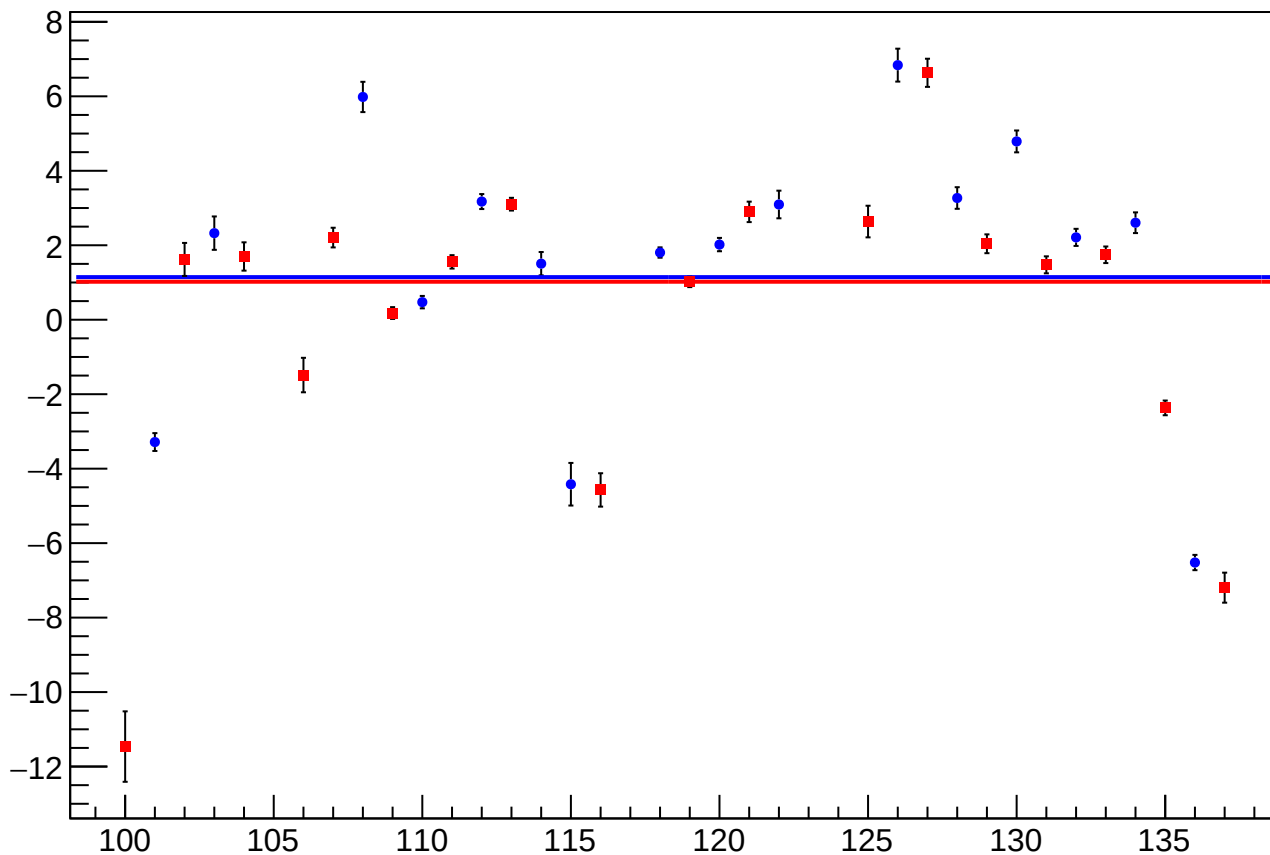
Right: -3.046+/-0.035 χ^2/NDF : 155775.7/33

In: -4.159+/-0.054 χ^2/NDF : 75420.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.046+/-0.035 χ^2/NDF : 155775.7/33

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.144 $\pm$ 0.060 χ^2 /NDF: 2595.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.021 $\pm$ 0.057 χ^2 /NDF: 1591.2/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

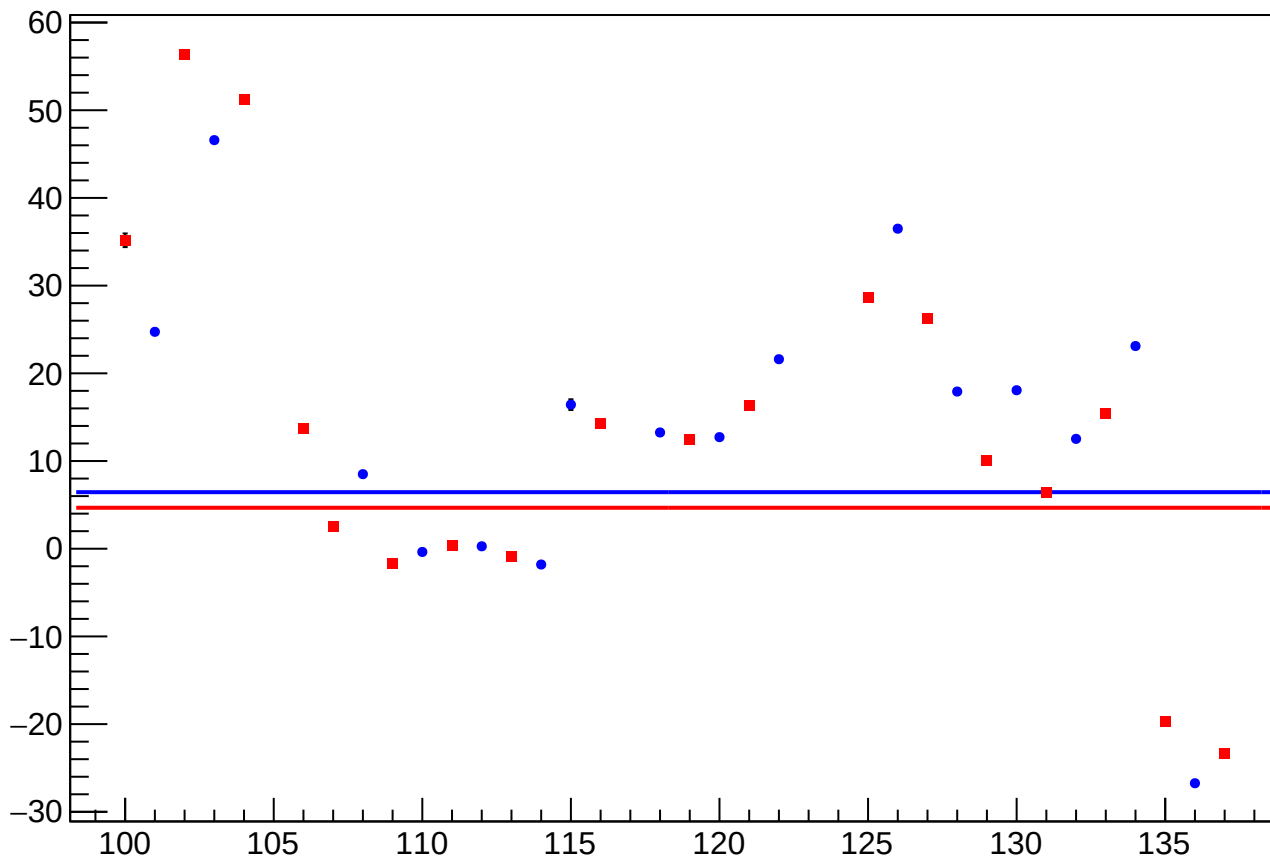
Right: 1.079 $\pm$ 0.041 χ^2 /NDF: 4188.7/33

In: 1.144 $\pm$ 0.060 χ^2 /NDF:2595.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.079 $\pm$ 0.041 χ^2 /NDF: 4188.7/33

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.448+/-0.065 χ^2/NDF : 70815.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.671+/-0.059 χ^2/NDF : 74420.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

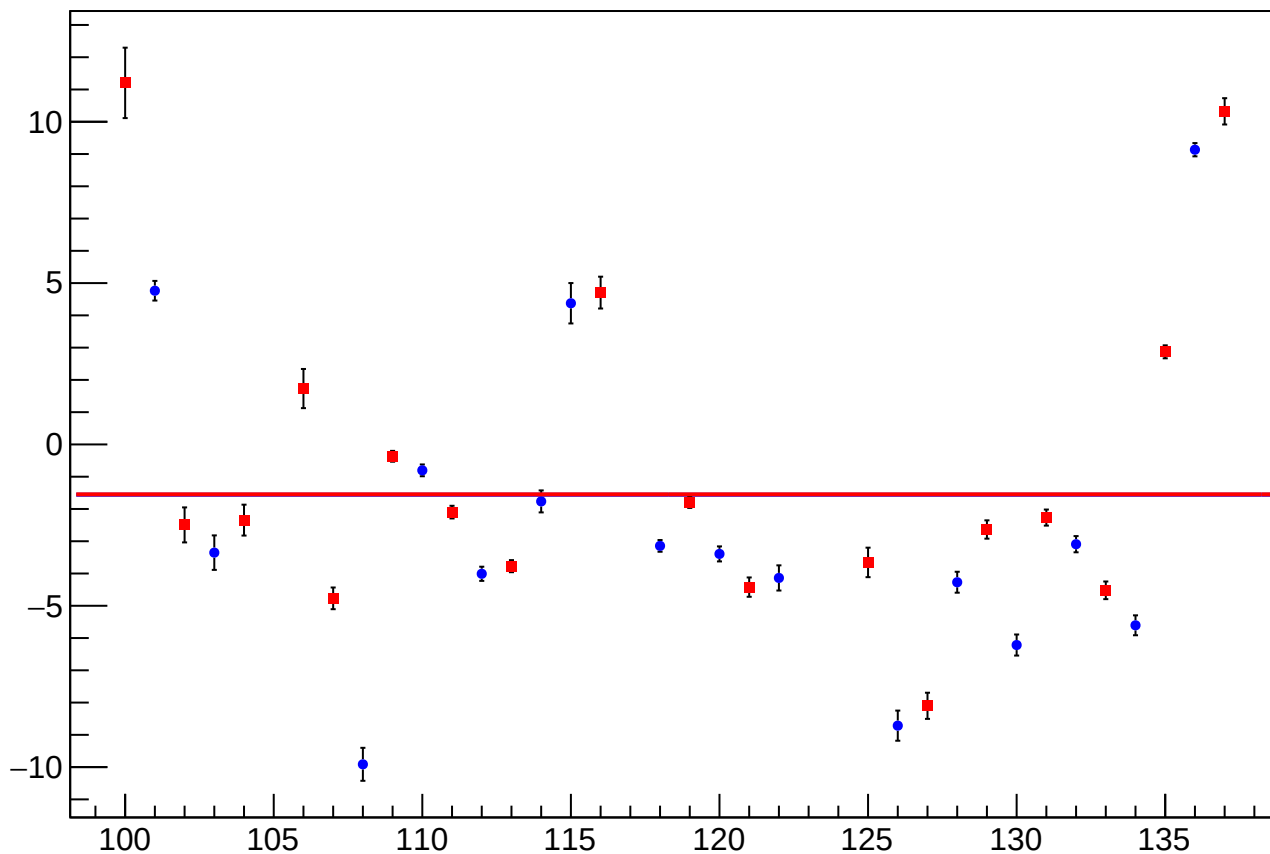
Right: 5.475+/-0.044 χ^2/NDF : 145645.8/33

In: 6.448+/-0.065 χ^2/NDF : 70815.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.475+/-0.044 χ^2/NDF : 145645.8/33

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.558 ± 0.069 χ^2/NDF : 4543.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.547 ± 0.064 χ^2/NDF : 2470.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

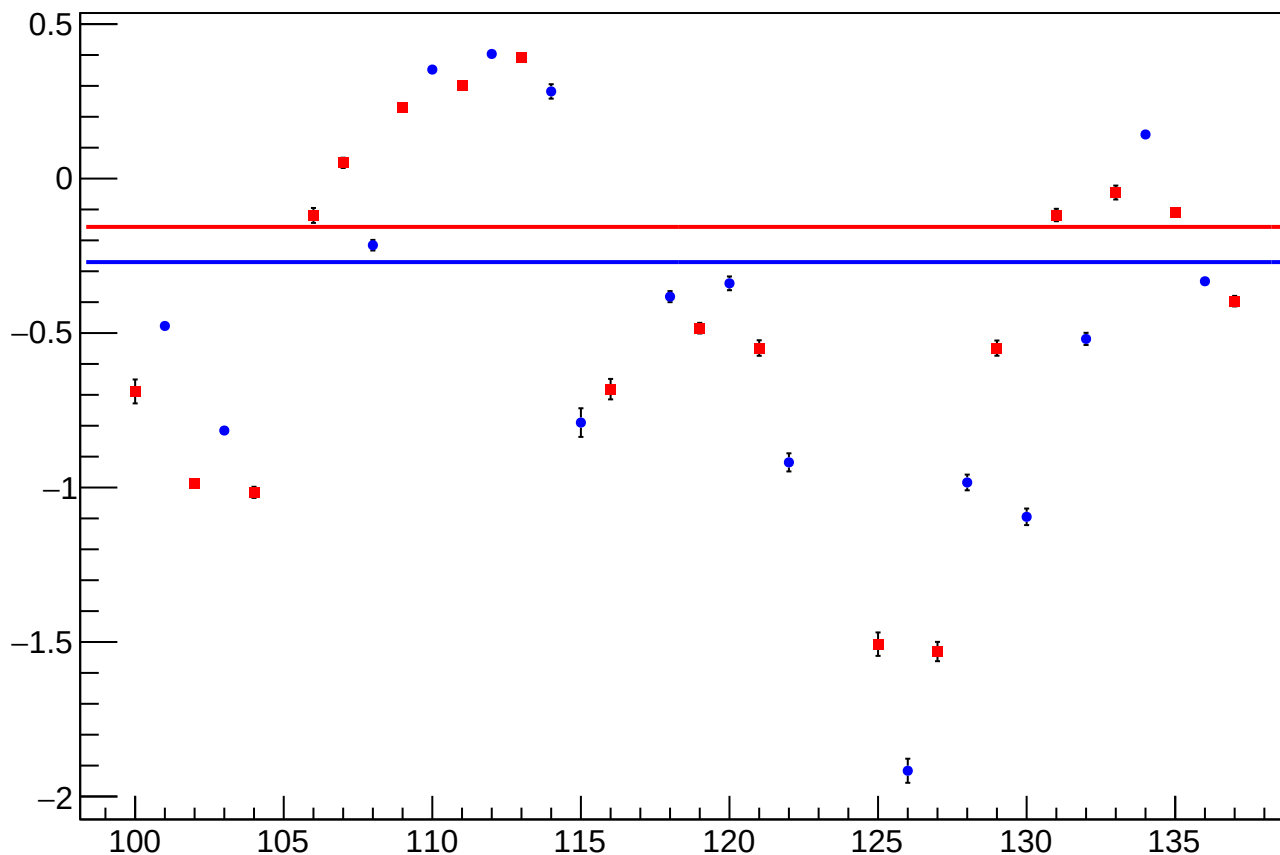
Right: -1.552 ± 0.047 χ^2/NDF : 7013.2/33

In: -1.558 ± 0.069 χ^2/NDF : 4543.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.552 ± 0.047 χ^2/NDF : 7013.2/33

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.270 ± 0.004 χ^2/NDF : 12096.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.156 ± 0.004 χ^2/NDF : 15030.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

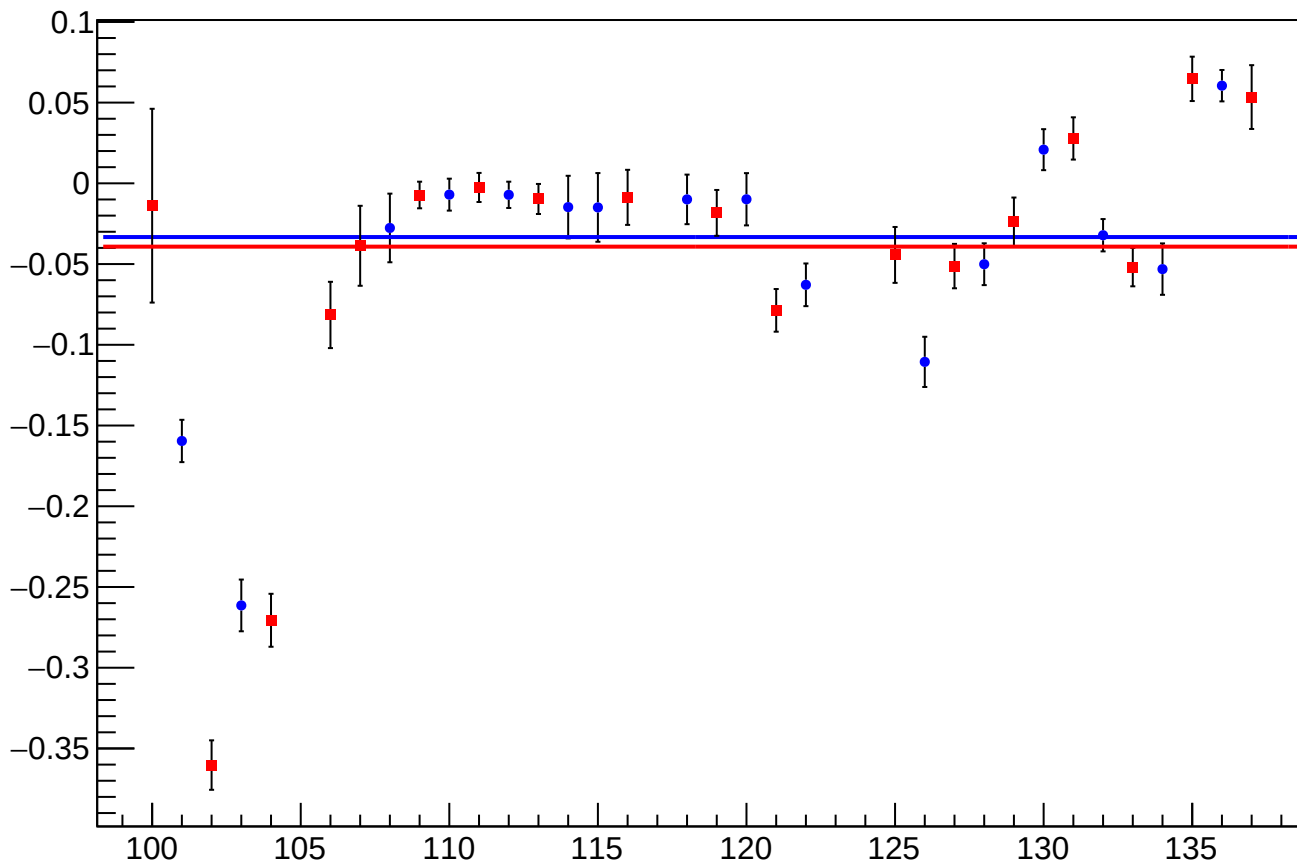
Right: -0.208 ± 0.003 χ^2/NDF : 27539.3/33

In: -0.270 ± 0.004 χ^2/NDF : 12096.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.208 ± 0.003 χ^2/NDF : 27539.3/33

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.033 $\pm$ 0.003 χ^2 /NDF: 463.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.039 $\pm$ 0.003 χ^2 /NDF: 807.6/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

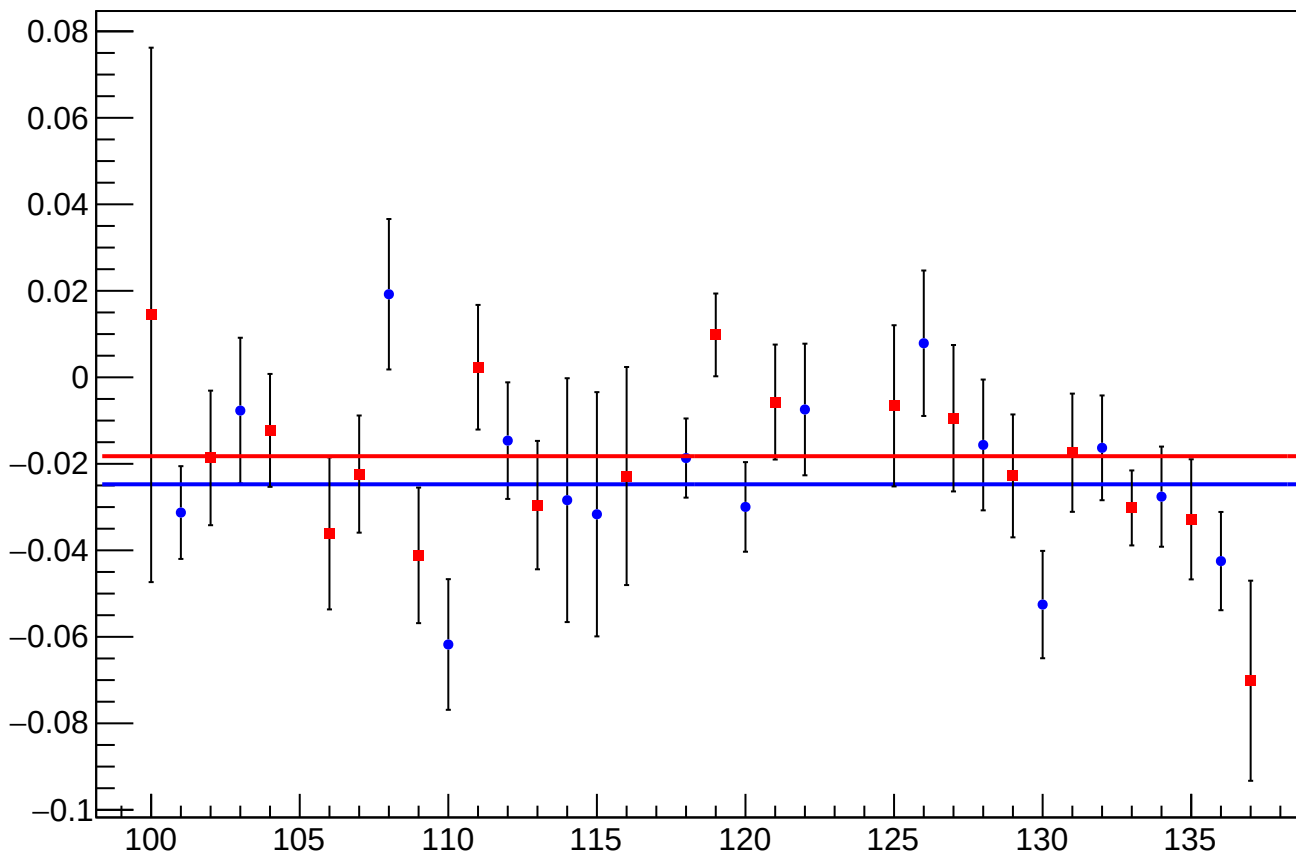
Right: -0.036 $\pm$ 0.002 χ^2 /NDF: 1272.8/33

In: -0.033 $\pm$ 0.003 χ^2 /NDF:463.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.036 $\pm$ 0.002 χ^2 /NDF: 1272.8/33

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.025 ± 0.003 χ^2/NDF : 28.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.018 ± 0.003 χ^2/NDF : 24.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

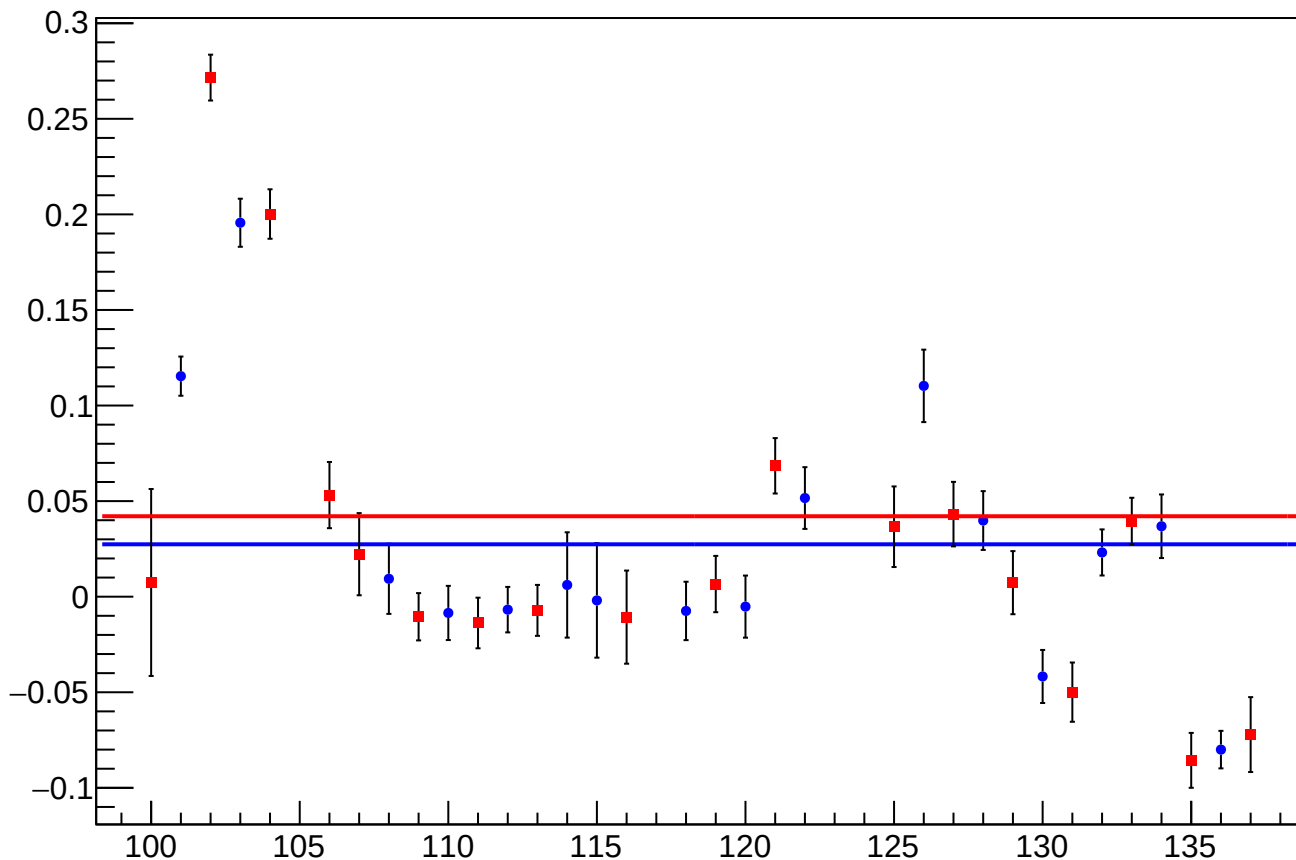
Right: -0.022 ± 0.002 χ^2/NDF : 55.1/33

In: -0.025 ± 0.003 χ^2/NDF : 28.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 0.002 χ^2/NDF : 55.1/33

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.027+/-0.004 χ^2/NDF : 446.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.042+/-0.004 χ^2/NDF : 733.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

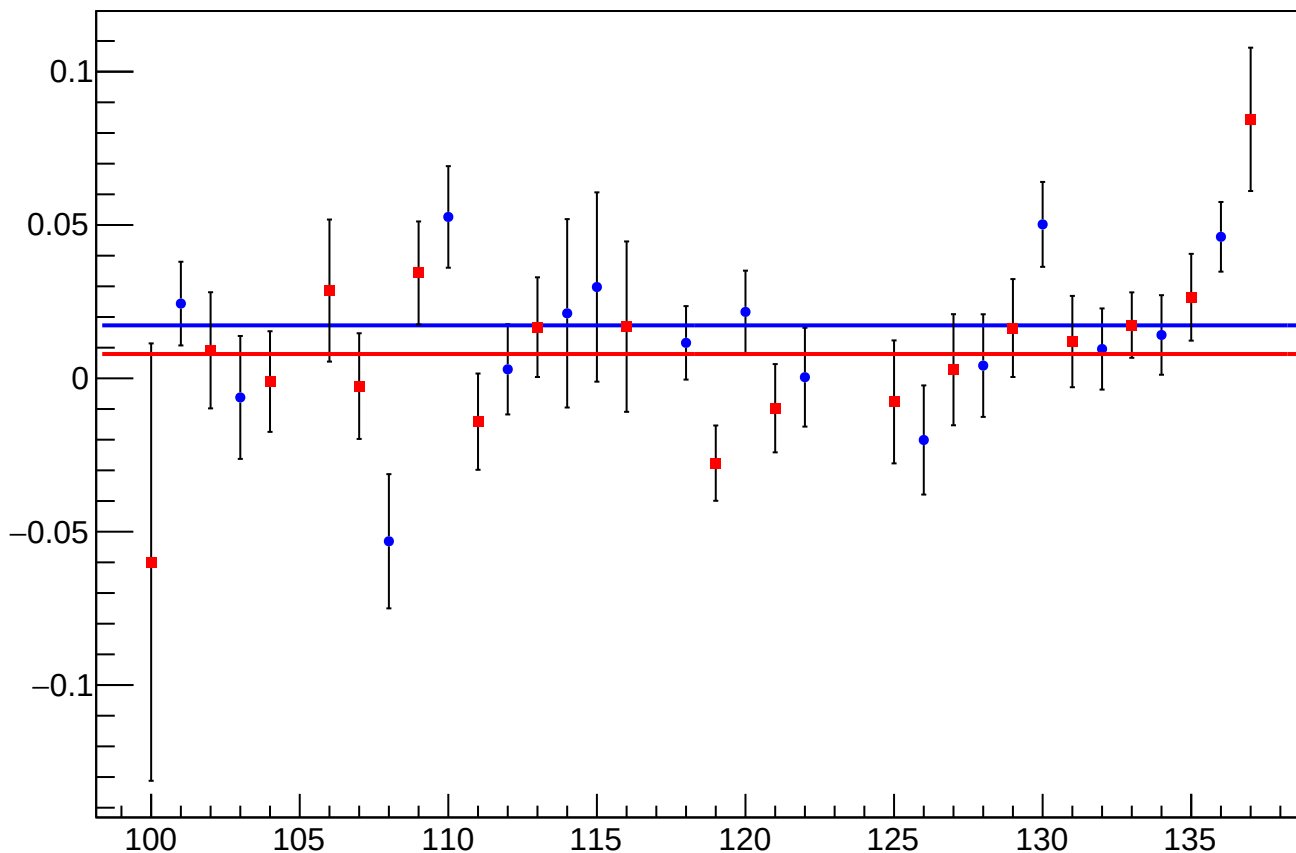
Right: 0.035+/-0.003 χ^2/NDF : 1187.6/33

In: 0.027+/-0.004 χ^2/NDF : 446.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.003 χ^2/NDF : 1187.6/33

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.017+/-0.004 χ^2/NDF : 36.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.004 χ^2/NDF : 31.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

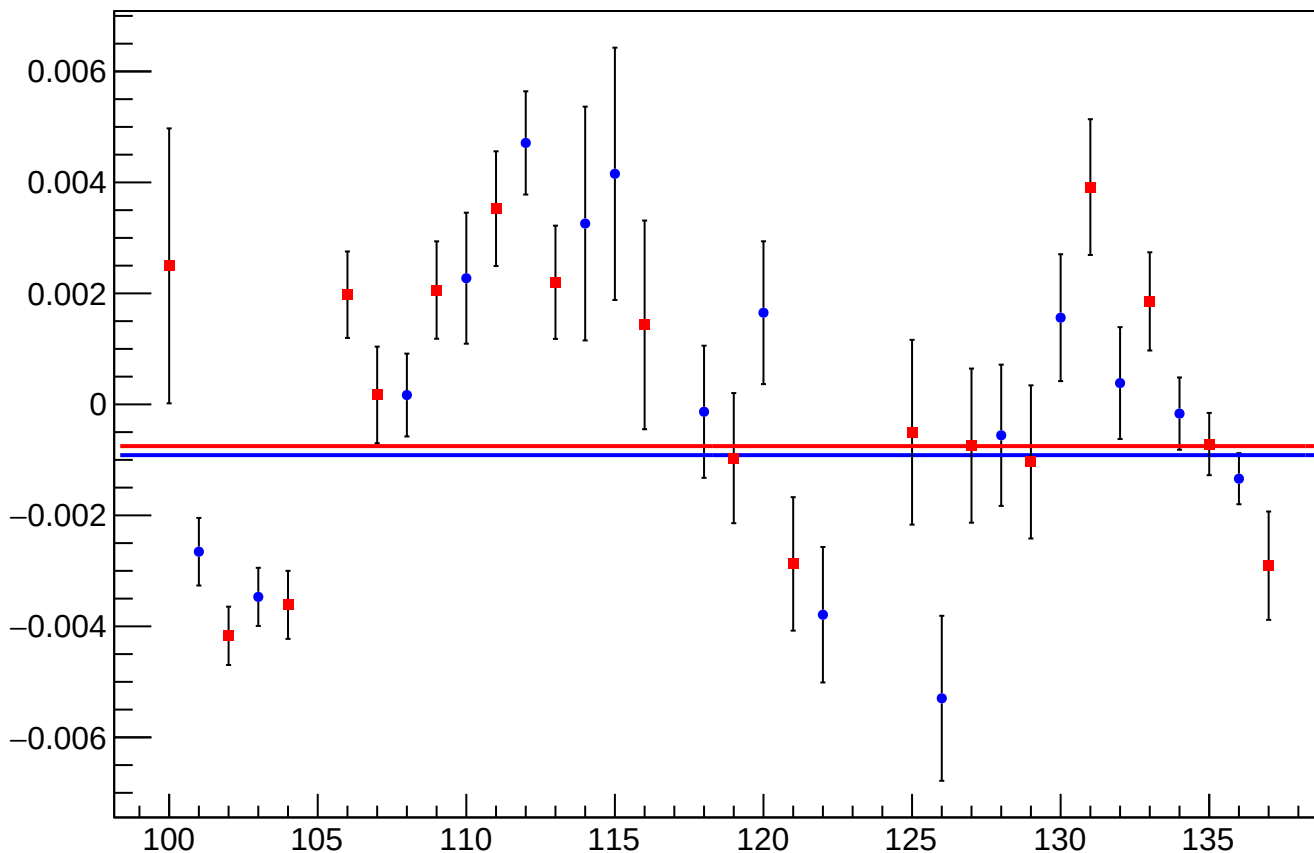
Right: 0.013+/-0.003 χ^2/NDF : 71.0/33

In: 0.017+/-0.004 χ^2/NDF : 36.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.003 χ^2/NDF : 71.0/33

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.001+/-0.000 χ^2/NDF : 114.1/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 147.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

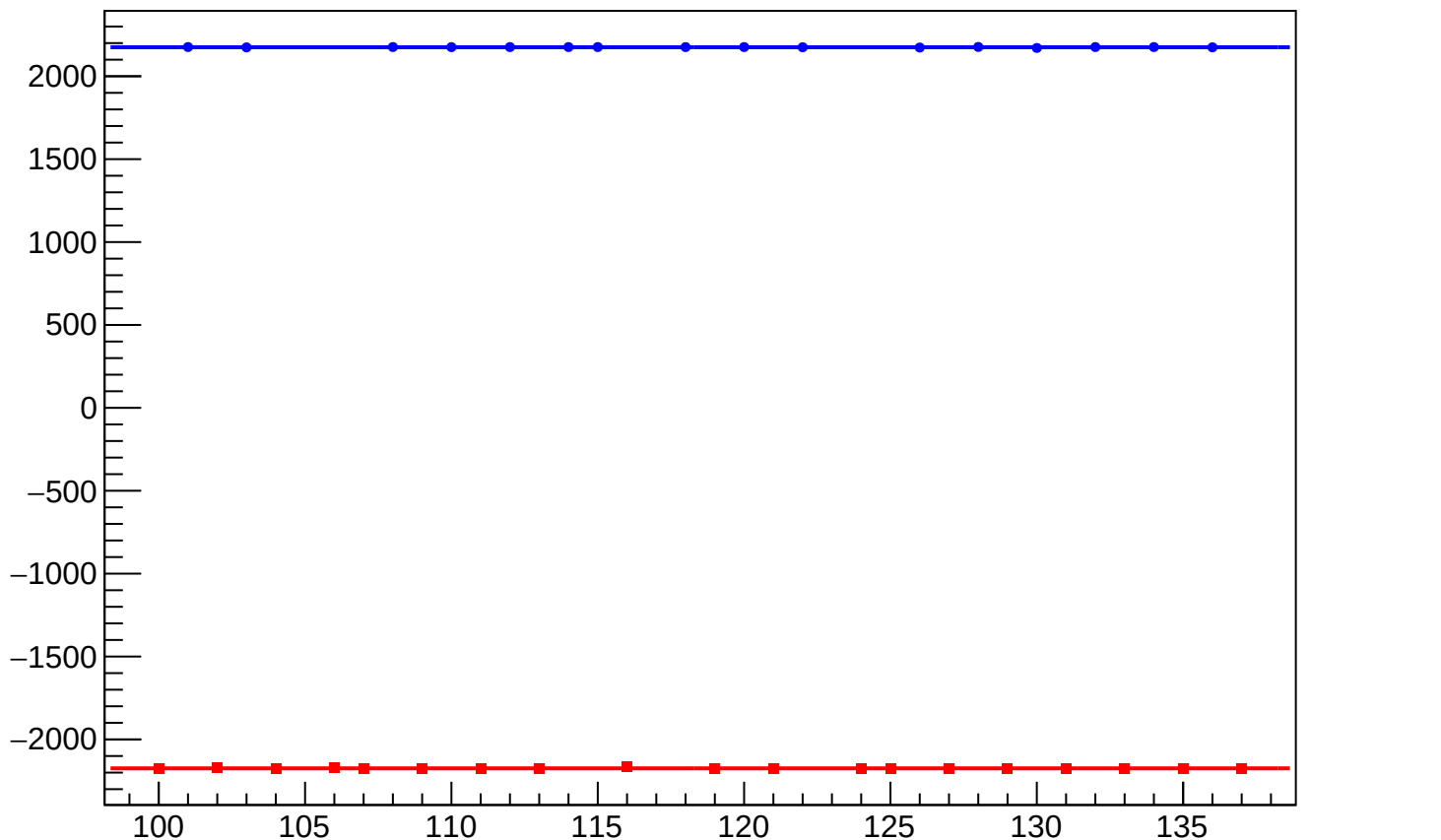
Right: -0.001+/-0.000 χ^2/NDF : 261.9/33

In: -0.001+/-0.000 χ^2/NDF :114.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

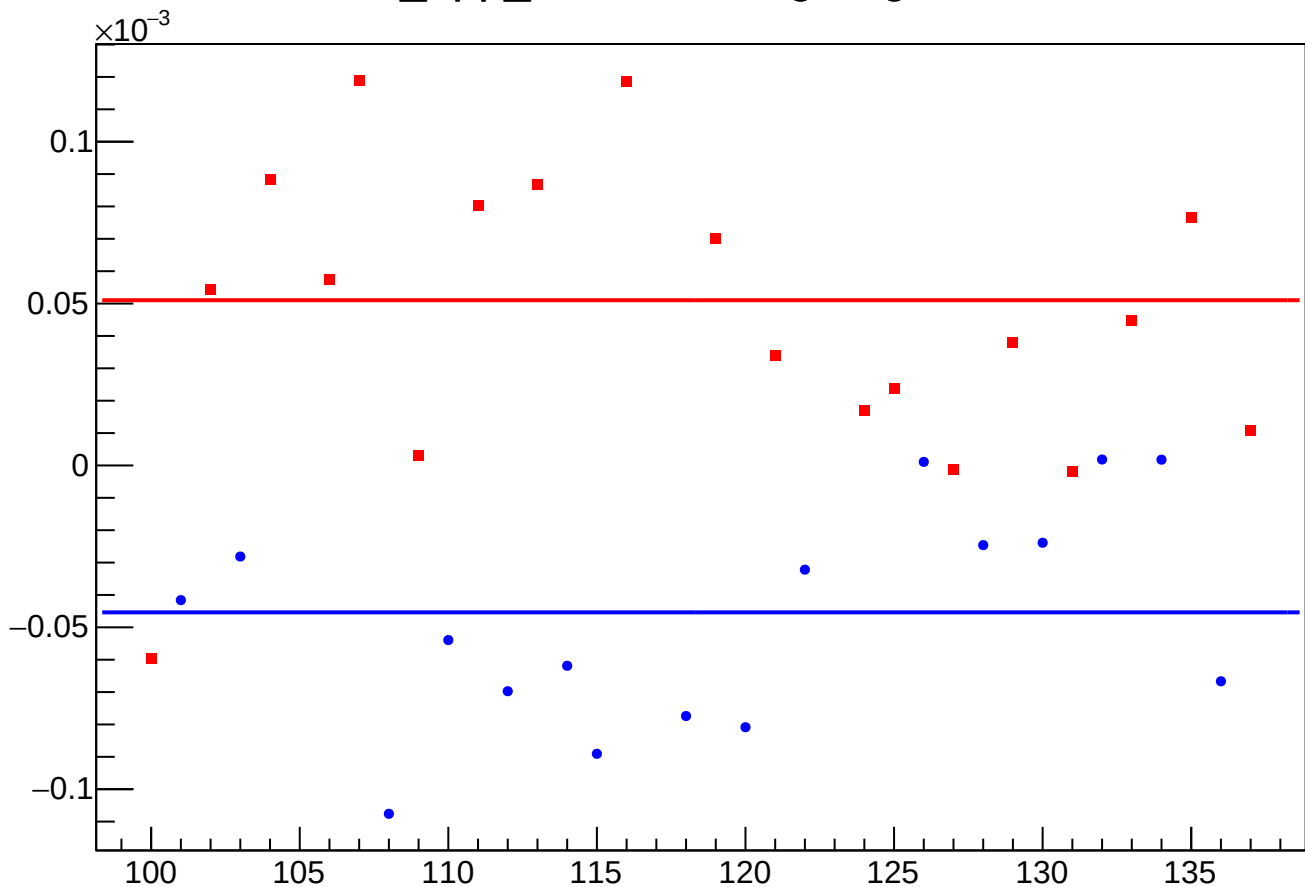
All: -0.001+/-0.000 χ^2/NDF : 261.9/33

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.201+/-0.000 χ^2/NDF : 1765724072923660180937051331362816.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -2174.324+/-0.000 χ^2/NDF : 5542239415681046928723527201718272.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -31.373+/-0.000 χ^2/NDF : 711179104907611.0/15

HALLA_dpp_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000

χ^2/NDF : 713132081378122377723904.0/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.000+/-0.000

χ^2/NDF : 52193568733401849

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1011955910720647101153280.0/18

χ^2/NDF : 713132081378122377

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

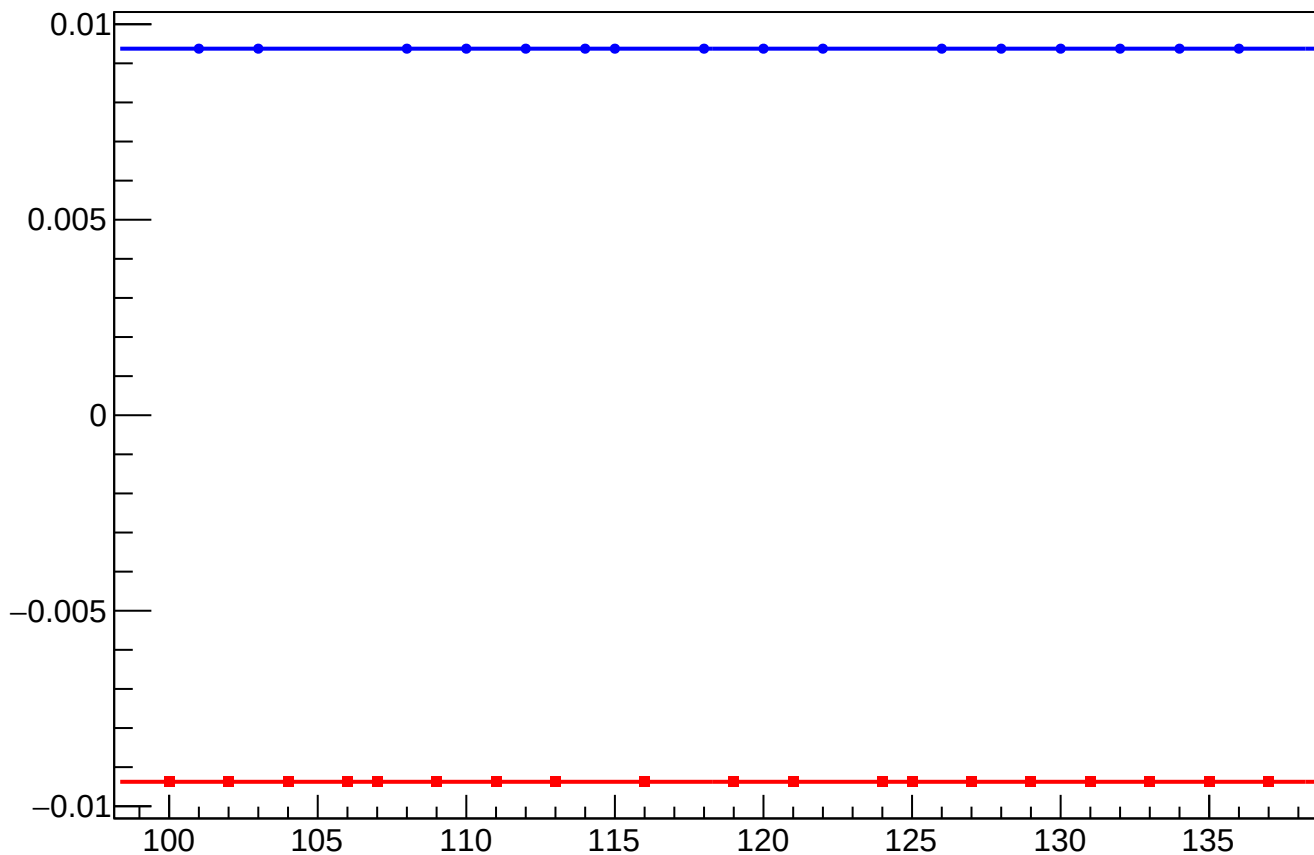
In: -0.000+/-0.000

χ^2/NDF : 0.0/0

Out: 0.000+/-0.000

All: 0.000+/-0.000 χ^2/NDF : 52193568733401849

MQ171LM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

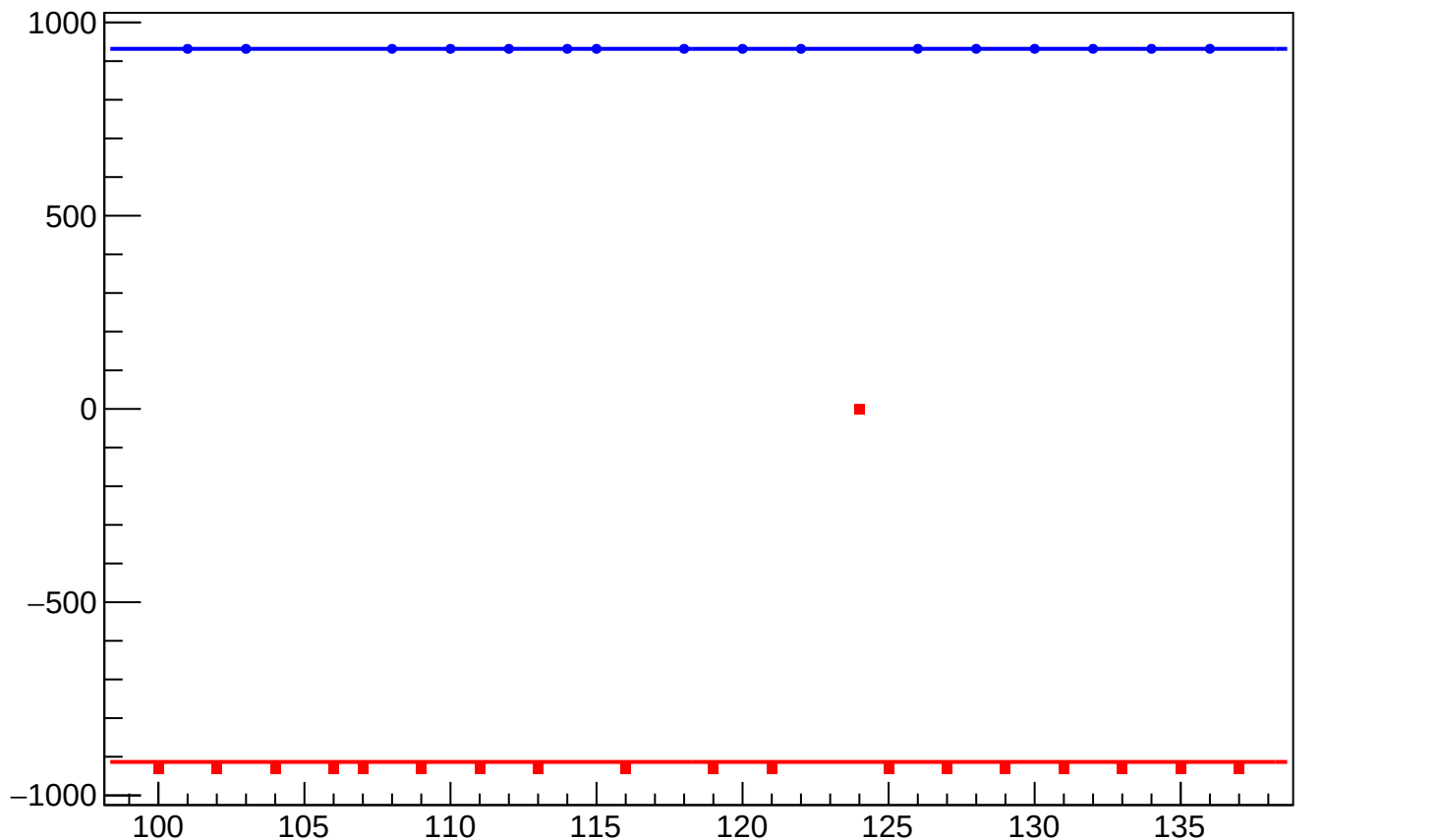
Right: -0.000+/-0.000 χ^2/NDF : 1321592160488695

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

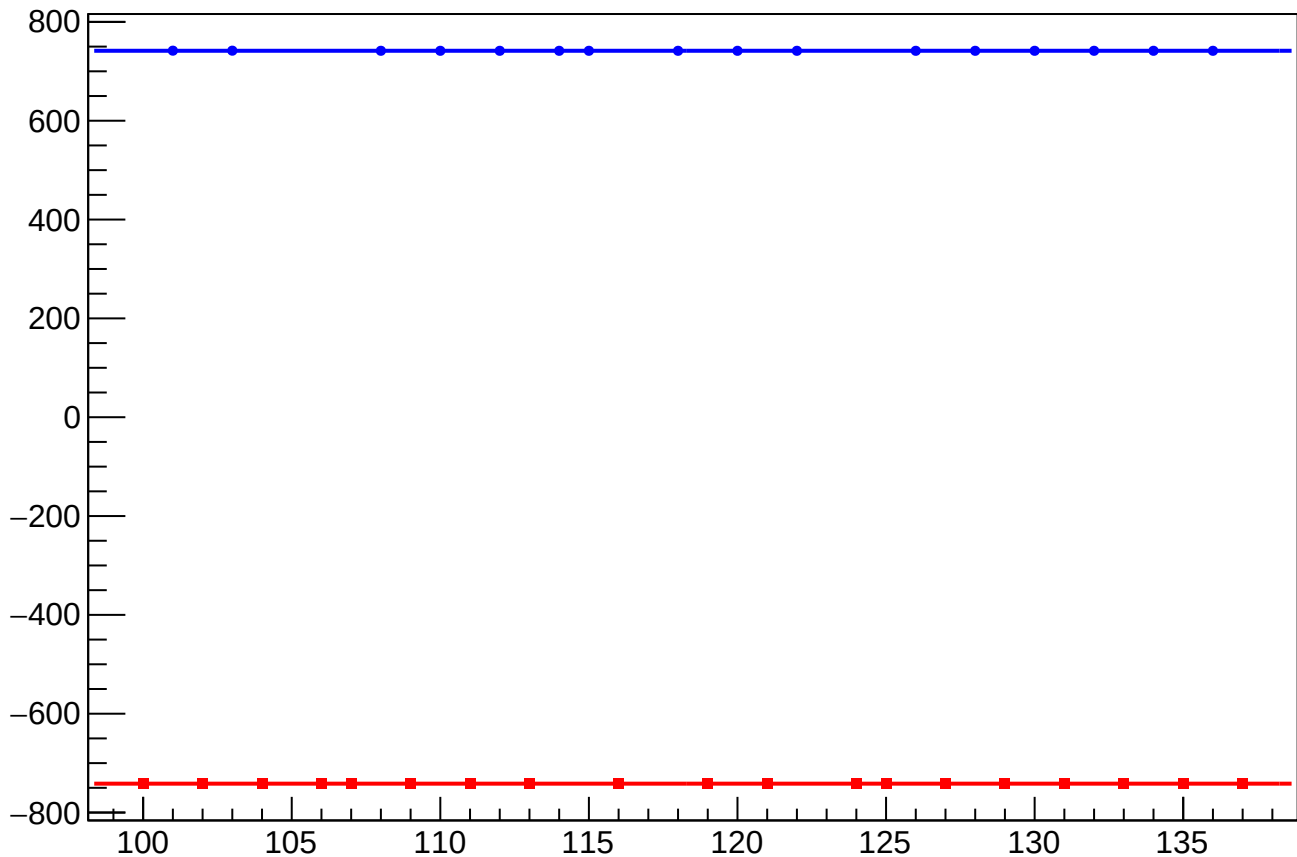
All: -0.000+/-0.000 χ^2/NDF : 1321592160488

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



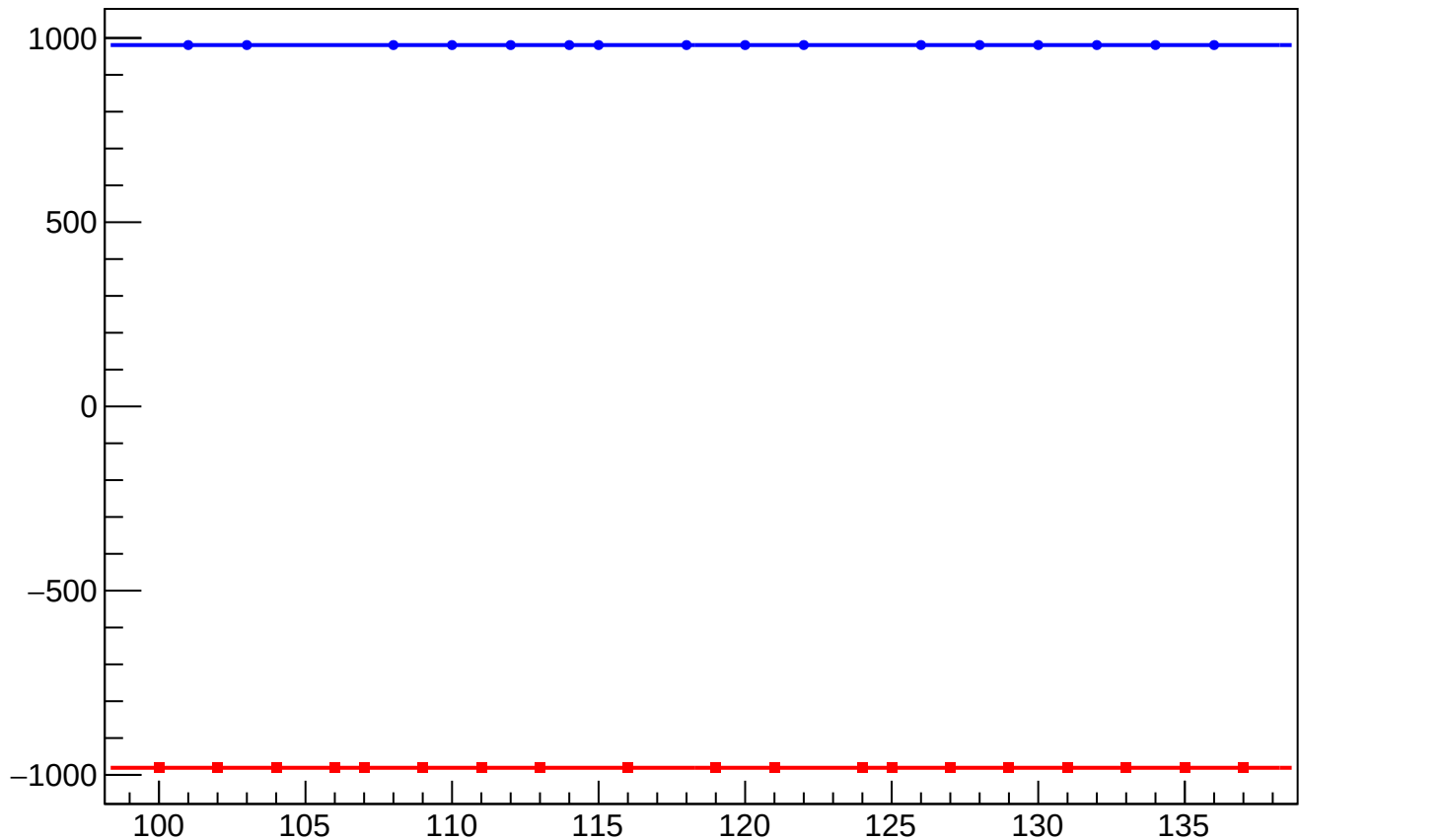
Right In: 931.769+/-0.000 χ^2/NDF : 2757217223595001187167685836800.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -913.447+/-0.000 χ^2/NDF : 12765879635094435683491886518824337408.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -4.335+/-0.000 χ^2/NDF : 1292705120140630.0/15

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



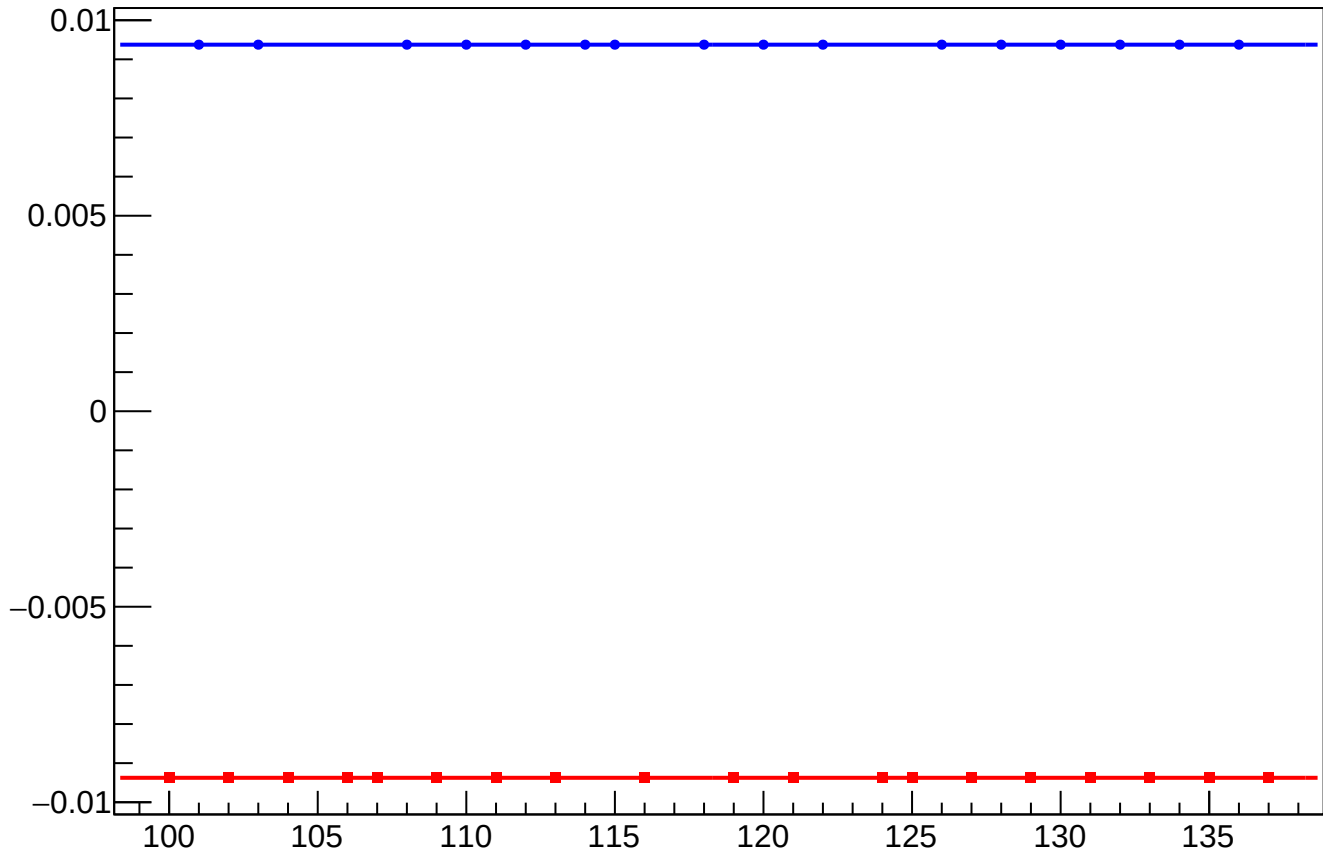
Right In: 741.569+/-0.000 χ^2/NDF : 6432951176127947061938899386368.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.577+/-0.000 χ^2/NDF : 7692263947892614711537477615616.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -10.851+/-0.000 χ^2/NDF : 826918104240998

HacL_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 980.804+/-0.000 χ^2/NDF : 933313276884807786774245933056.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -980.725+/-0.000 χ^2/NDF : 56040205617358336221662876270592.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -14.307+/-0.000 χ^2/NDF : 144638600880856.0/15

MQ172RM_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

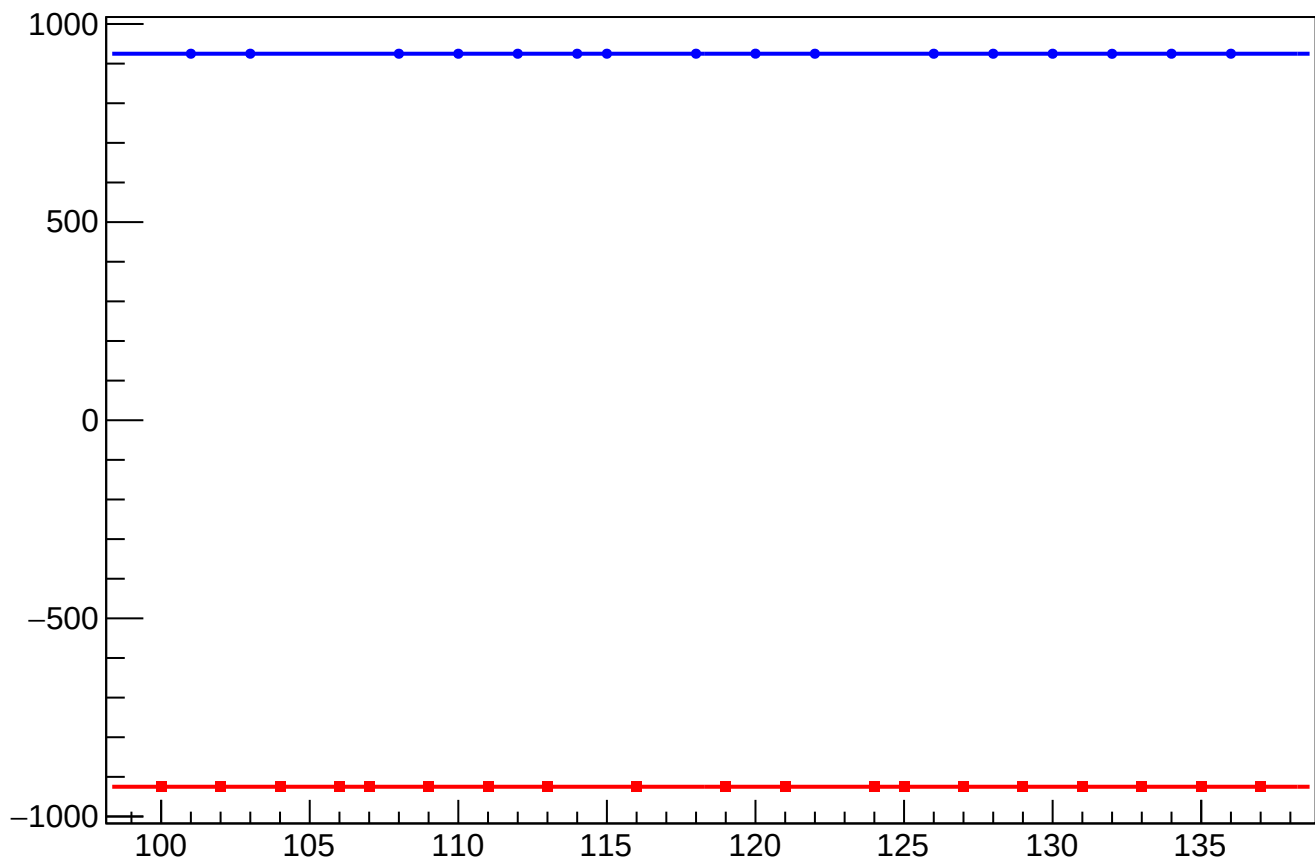
Right: -0.000+/-0.000 χ^2/NDF : 1321592160488695

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

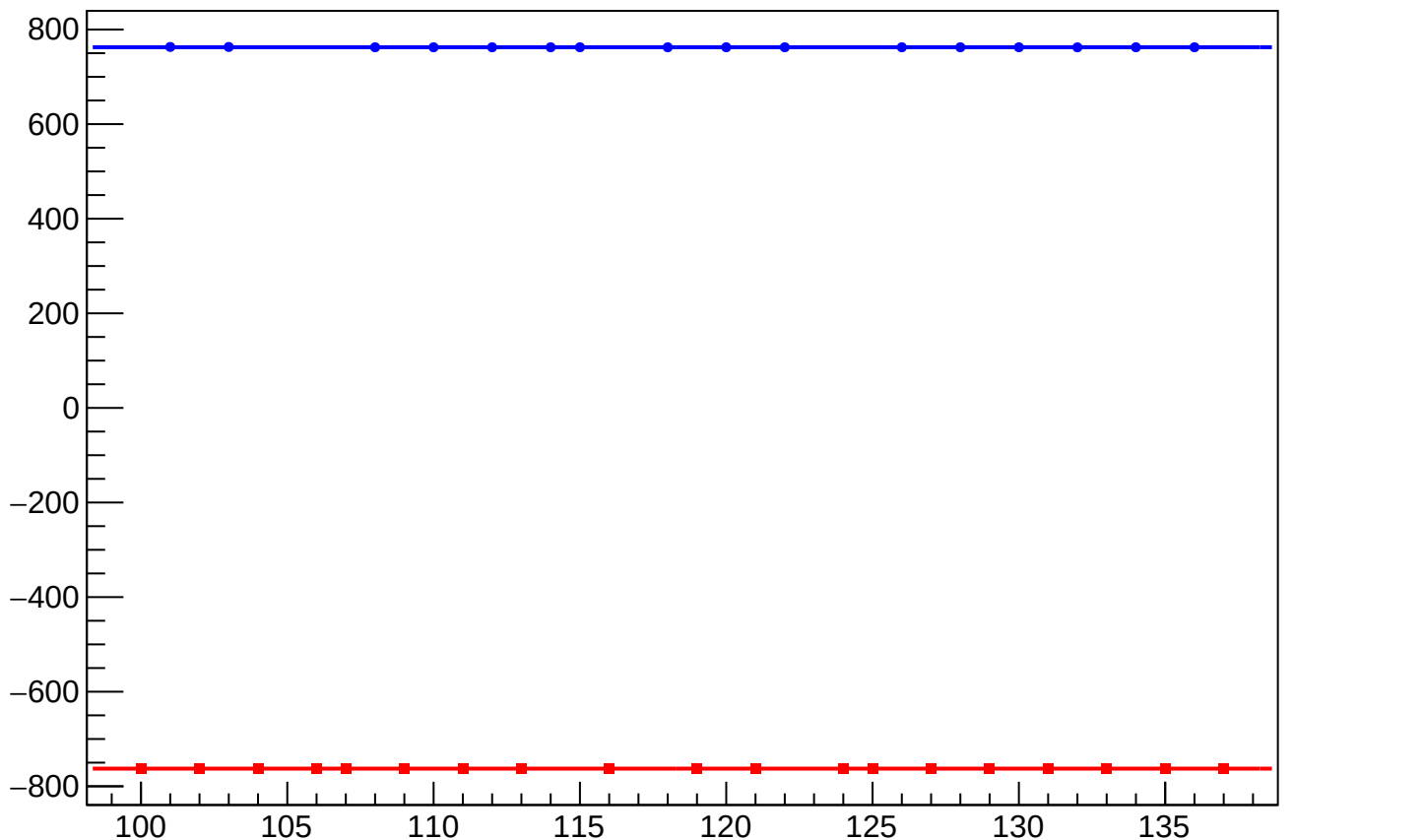
All: -0.000+/-0.000 χ^2/NDF : 1321592160488

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



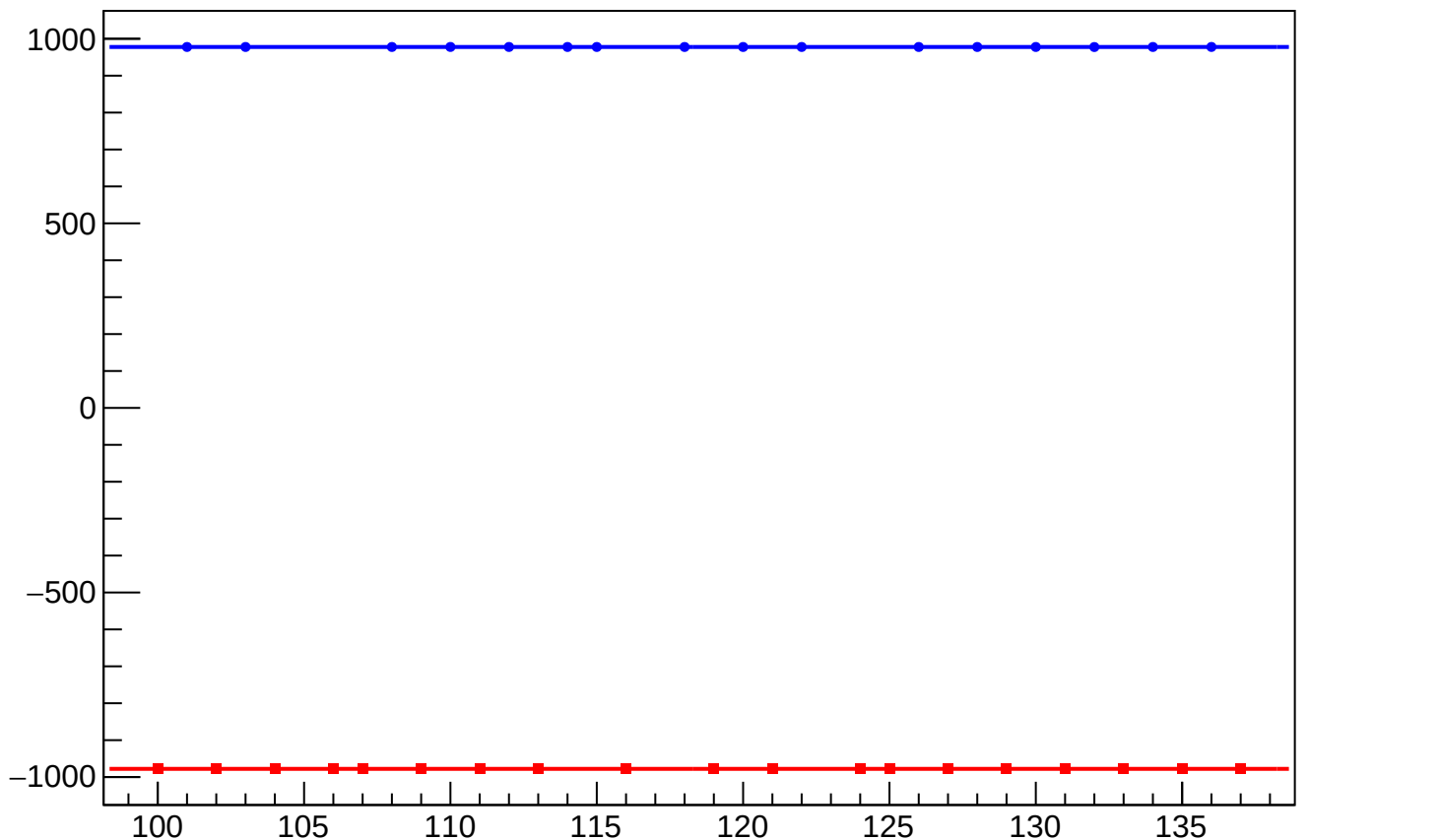
Right In: 924.966+/-0.000 χ^2/NDF : 2544370508087658800533037121536.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.974+/-0.000 χ^2/NDF : 1241981521116890900236351832064.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -13.534+/-0.000 χ^2/NDF : 128650155911450

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



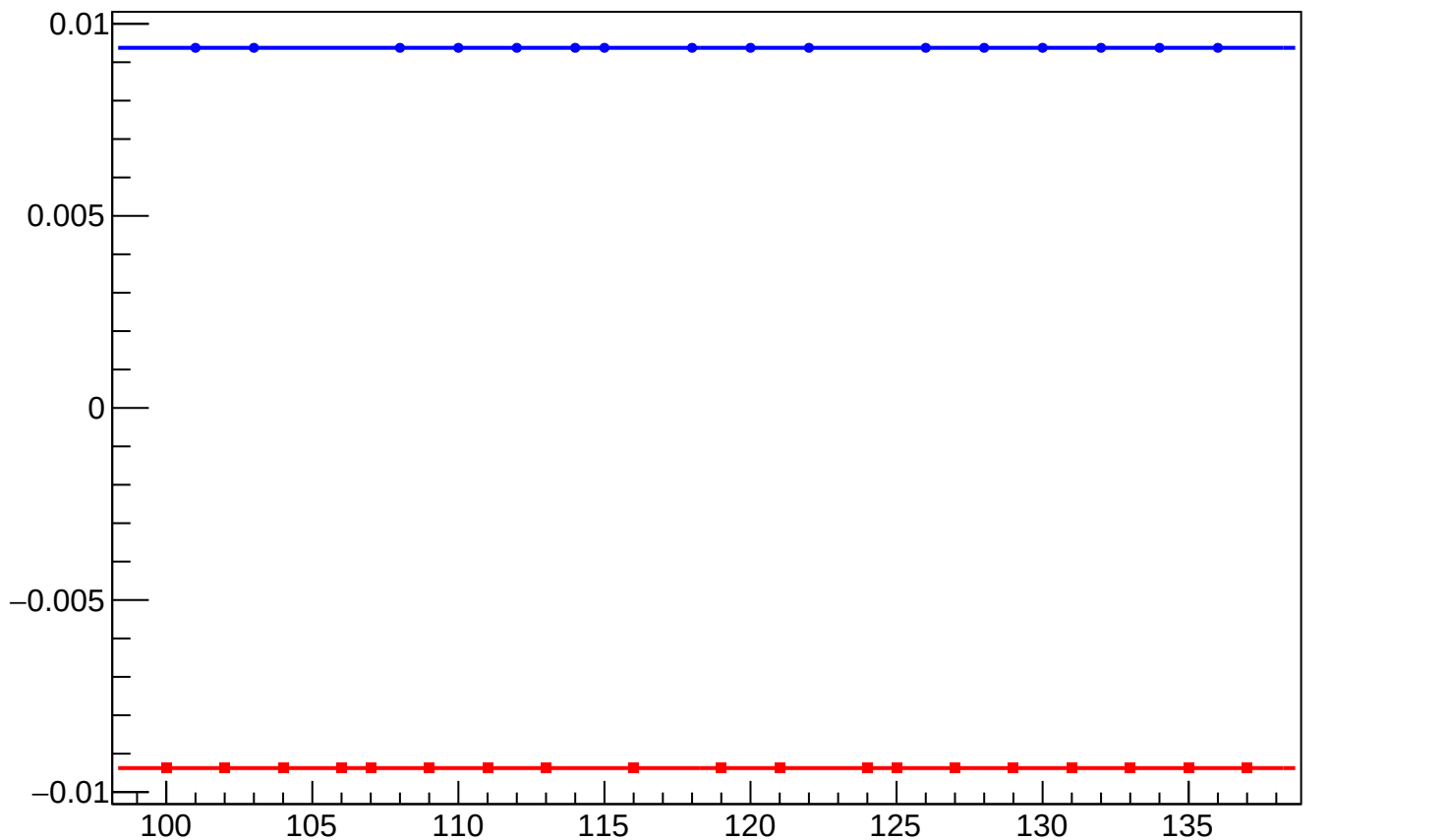
Right In: 762.611+/-0.000 χ^2/NDF : 52161453489138778834460408283136.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.618+/-0.000 χ^2/NDF : 53134338532630395841297843748864.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -11.159+/-0.000 χ^2/NDF : 874510274639263

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



Right In: 977.749+/-0.000 χ^2/NDF : 1959578331072316074448224518144.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -977.747+/-0.000 χ^2/NDF : 1782226877816914726327966236672.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -14.301+/-0.000 χ^2/NDF : 143750377983115

hesDipole_current_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

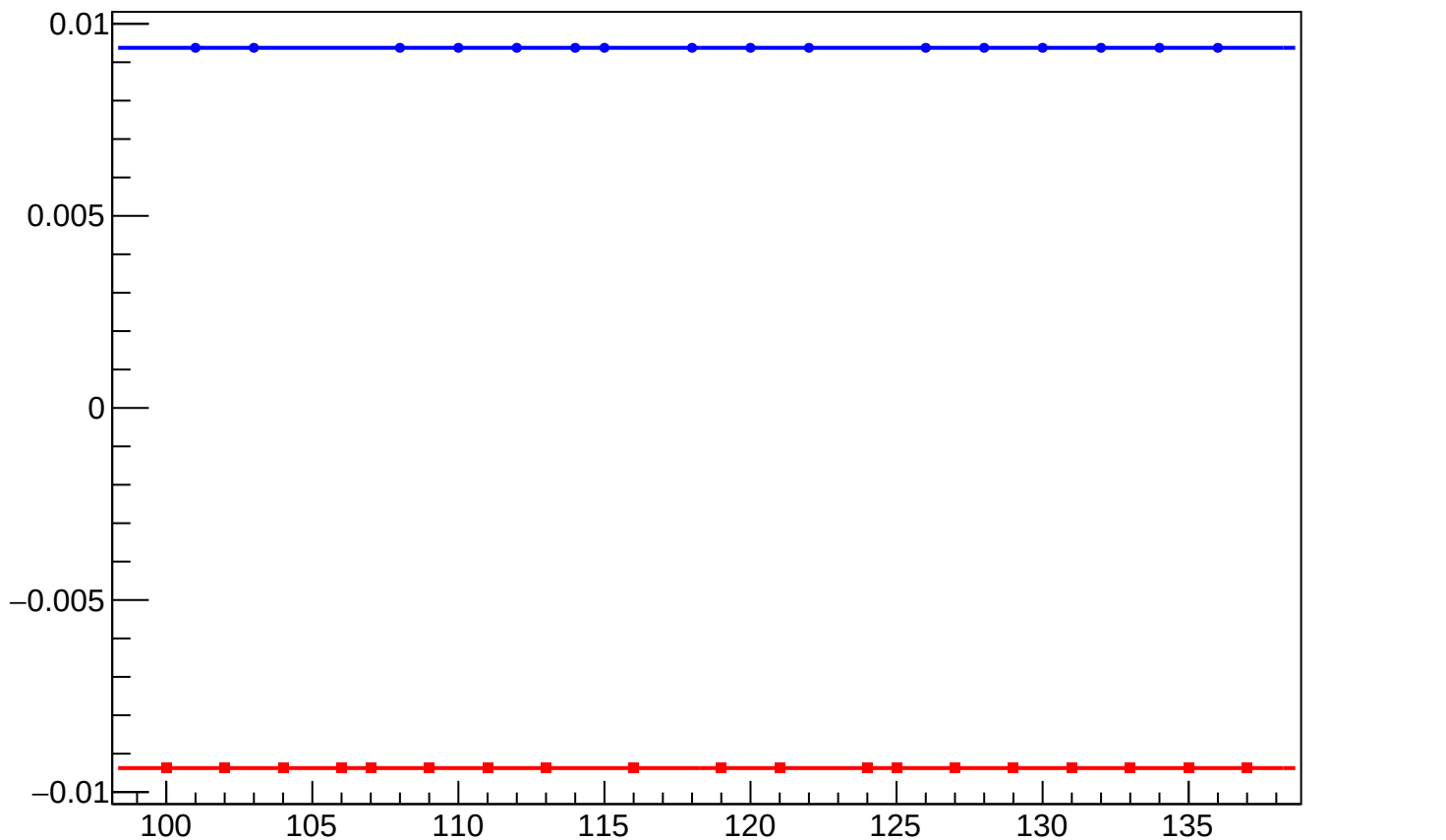
Right: -0.000+/-0.000 χ^2/NDF : 1321592160488695

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1321592160488

MSUPERBIGBITereadcalc_mean vs Slug, Sign Corrected



Right In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.000 χ^2/NDF : 0.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

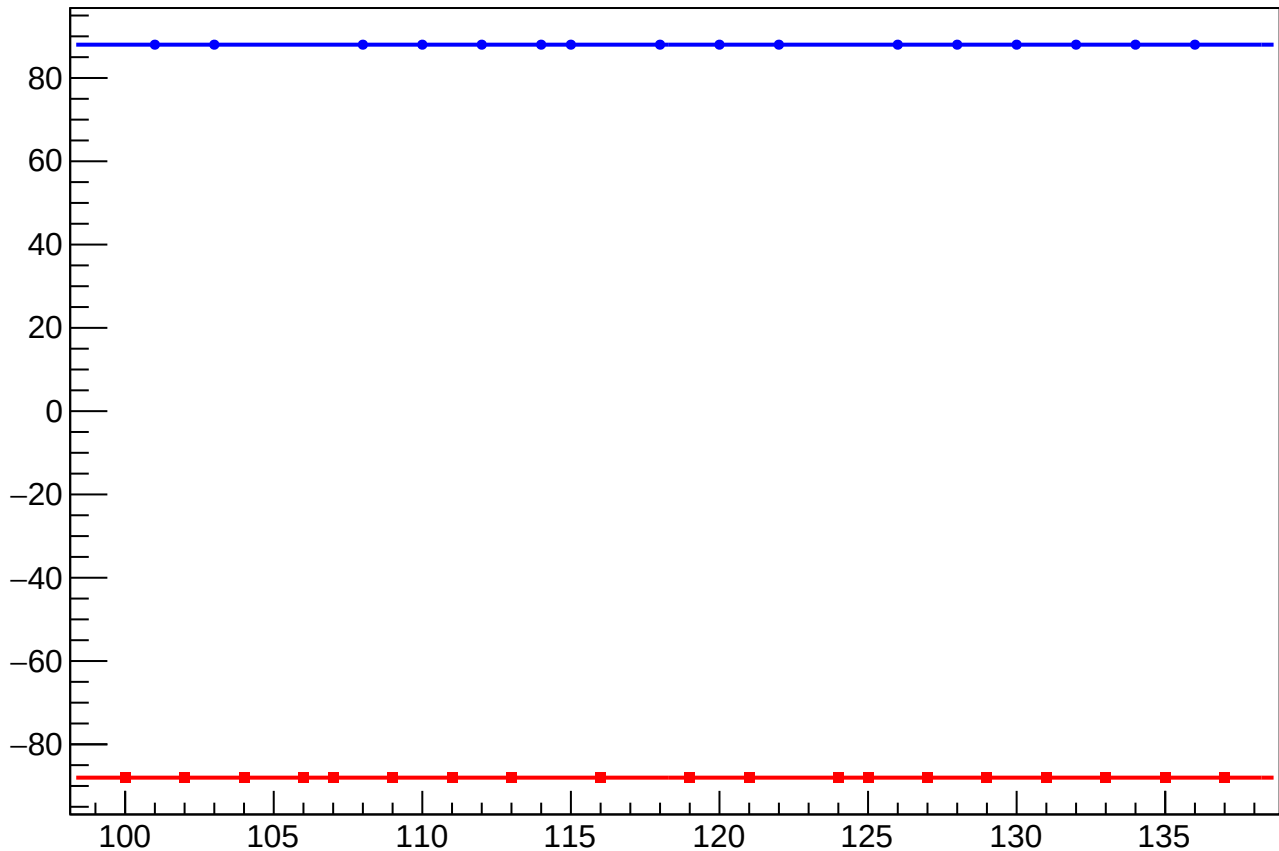
Right: -0.000+/-0.000 χ^2/NDF : 1321592160488695

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 1321592160488

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001+/-0.000 χ^2/NDF : 1500072.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.003+/-0.000 χ^2/NDF : 73227058941379664360176091136.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

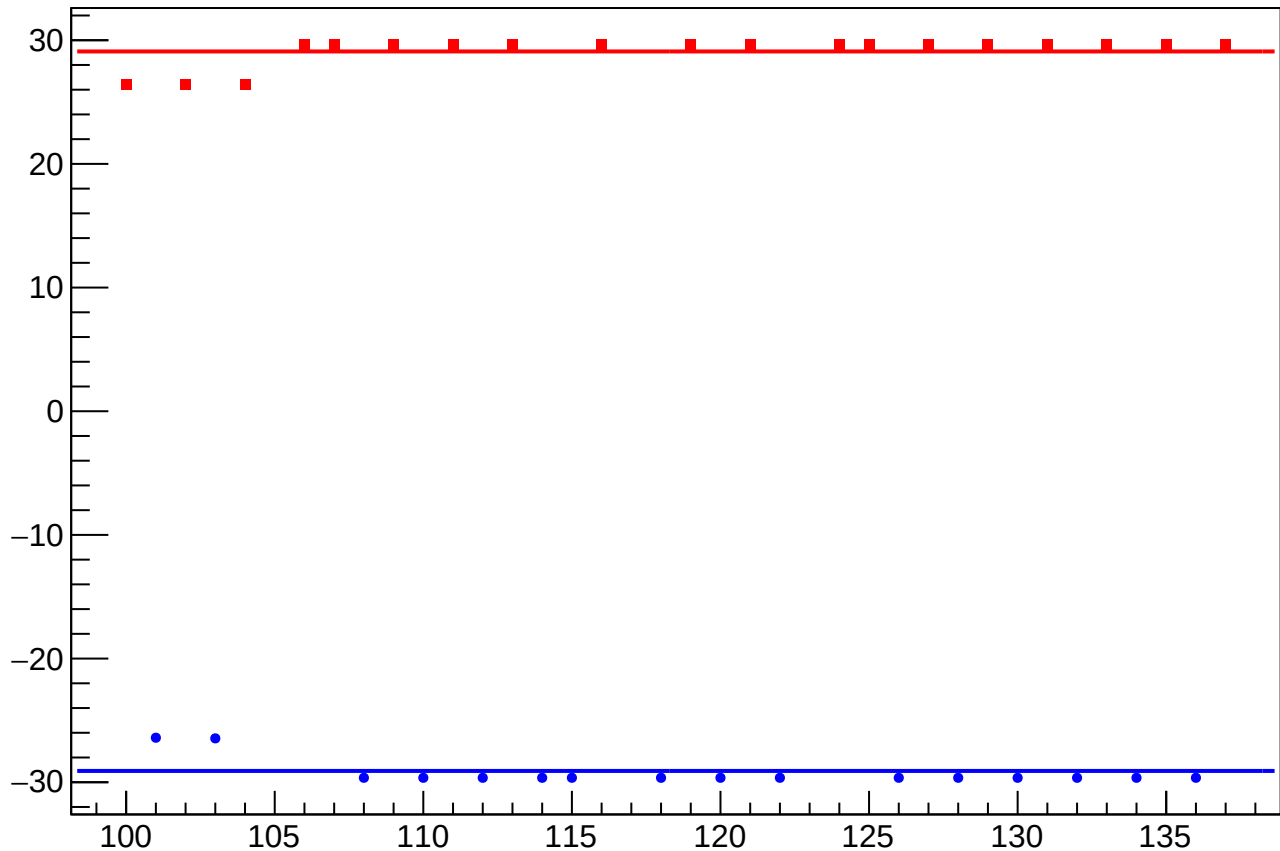
Right: -1.289+/-0.000 χ^2/NDF : 1164502782894649

In: 88.001+/-0.000 χ^2/NDF : 1500072.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

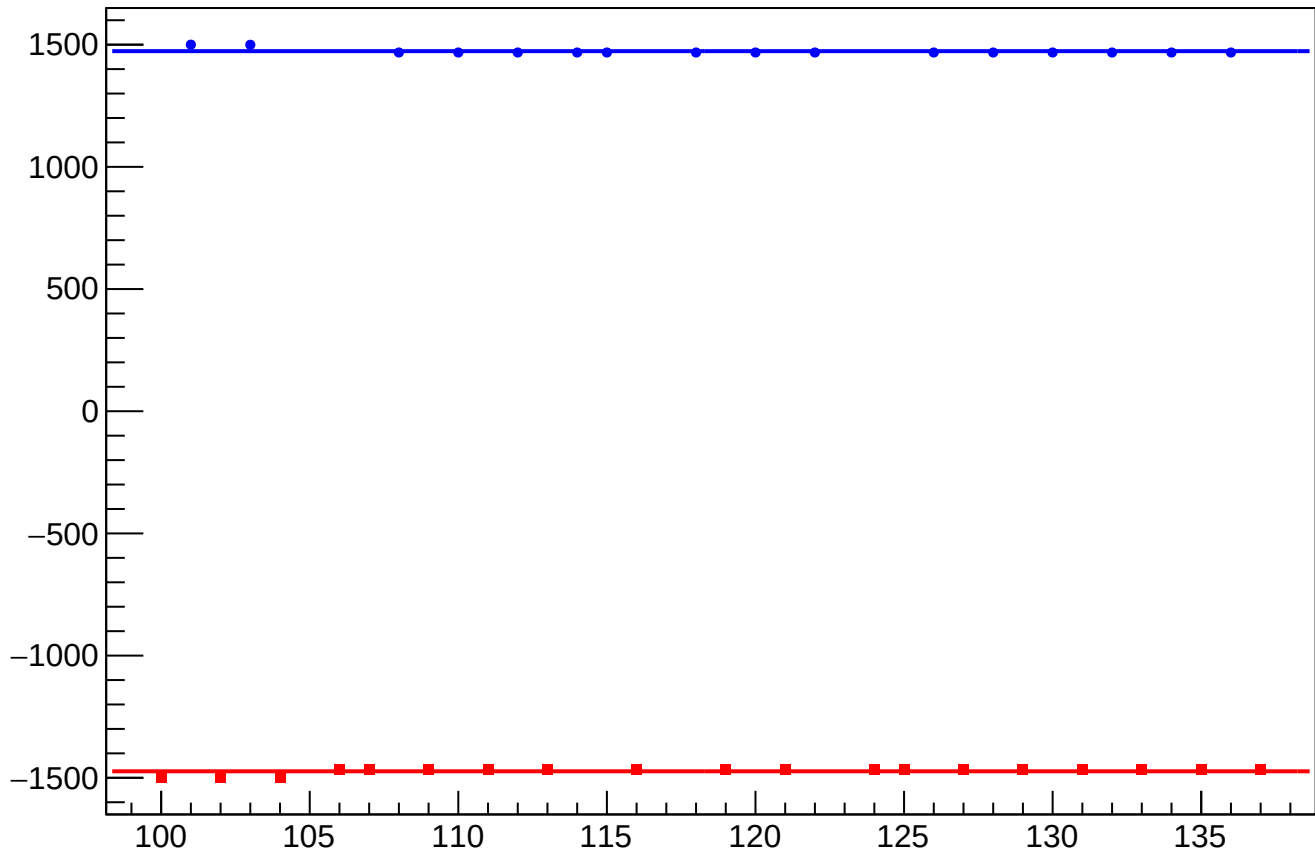
All: -1.289+/-0.000 χ^2/NDF : 1164502782894

HWienAngle_mean vs Slug, Sign Corrected



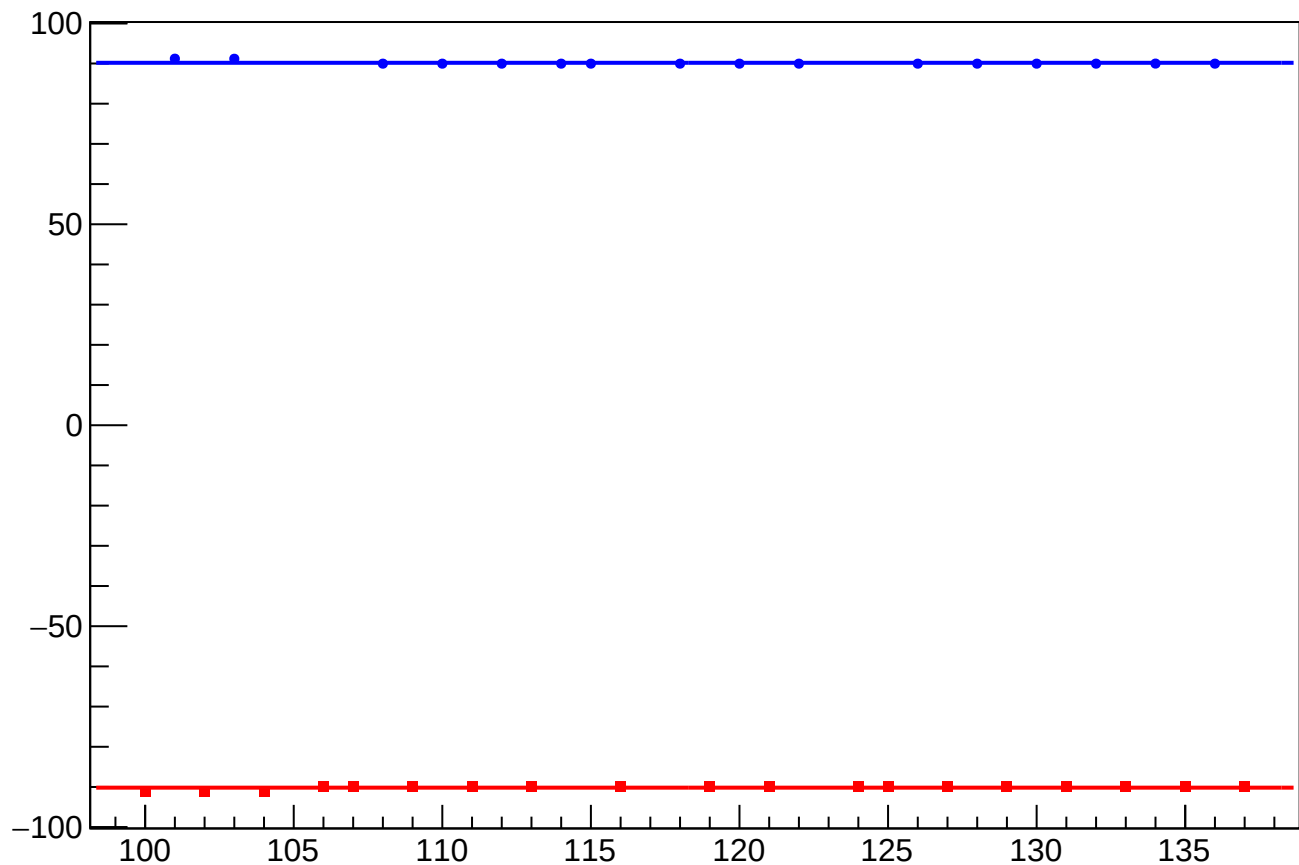
Right In: -29.085 ± 0.000 $\chi^2/\text{NDF}: 1094367885251609877355036411953152.0/15$
 Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 Right Out: 29.093 ± 0.000 $\chi^2/\text{NDF}: 1125238156749692849797805899776000.0/18$
 Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$
 All: 0.429 ± 0.000 $\chi^2/\text{NDF}: 12746007522578358$

psub_pl_pos_mean vs Slug, Sign Corrected



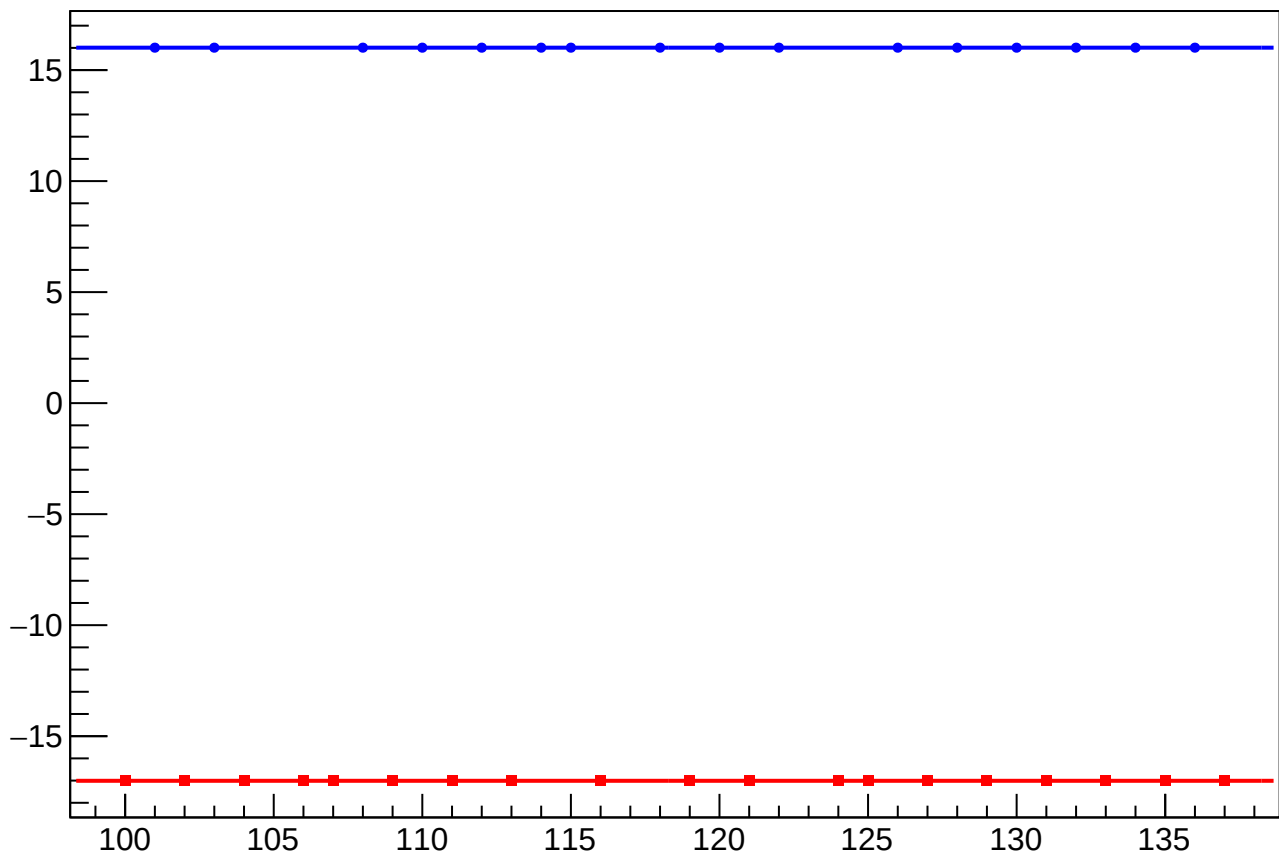
Right In: 1473.467+/-0.000 χ^2/NDF : 106894194860706176878485793704771584.0/15
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1473.393+/-0.000 χ^2/NDF : 109909499733401078761067843300622336.0/18
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -21.516+/-0.000 χ^2/NDF : 326469738591460

Phi_FG_mean vs Slug, Sign Corrected



Right In: 90.173+/-0.000 χ^2/NDF : 160010492173064584437589858058240.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -90.169+/-0.000 χ^2/NDF : 164815404456112641329707295440896.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.317+/-0.000 χ^2/NDF : 1222640469973926

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009+/-0.000 χ^2/NDF : 44239.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -17.009+/-0.000 χ^2/NDF : 13878987313036743260766208.0/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

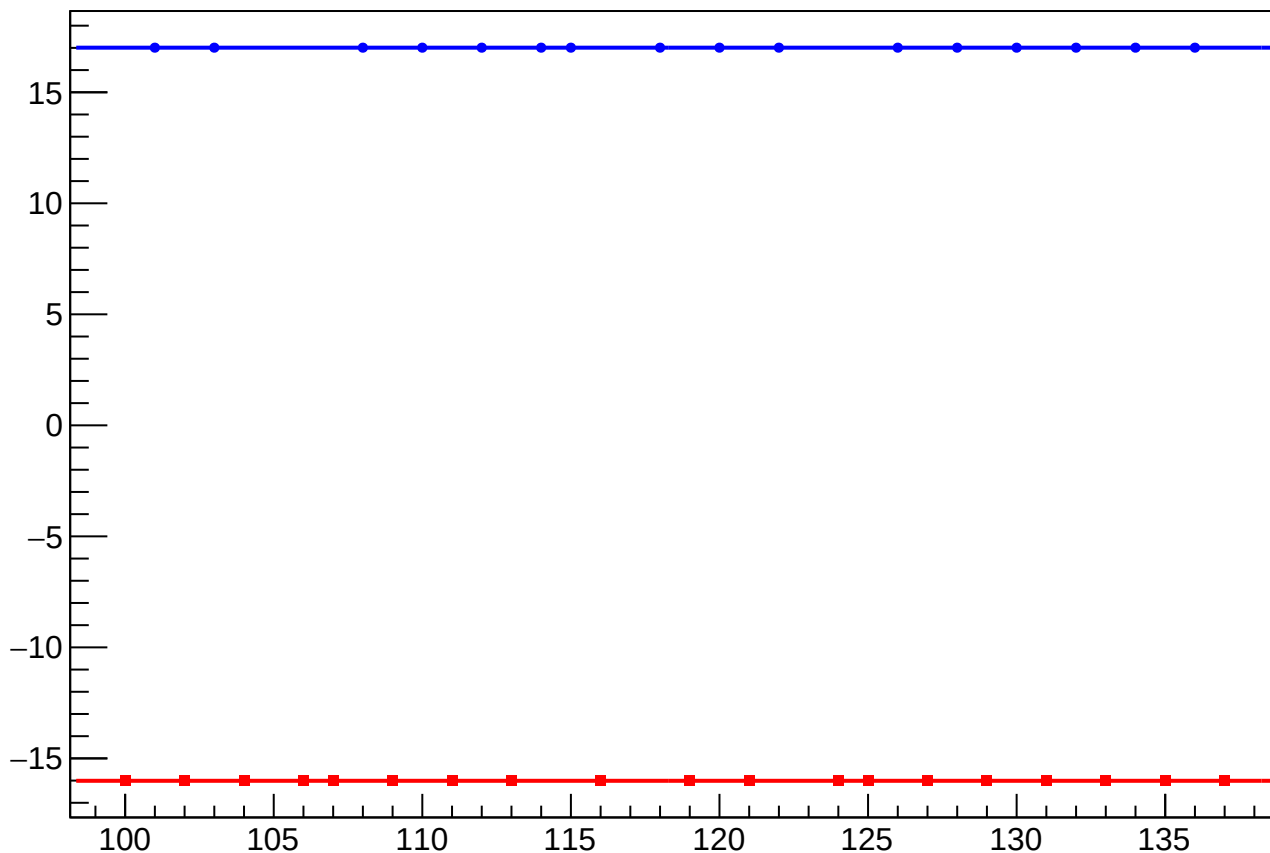
Right: -0.393+/-0.000 χ^2/NDF : 3802025477299216

In: 16.009+/-0.000 χ^2/NDF : 44239.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-0.000 χ^2/NDF : 3802025477299

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009+/-0.000 χ^2/NDF : 126634.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -16.009+/-0.000 χ^2/NDF : 39518.8/18

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

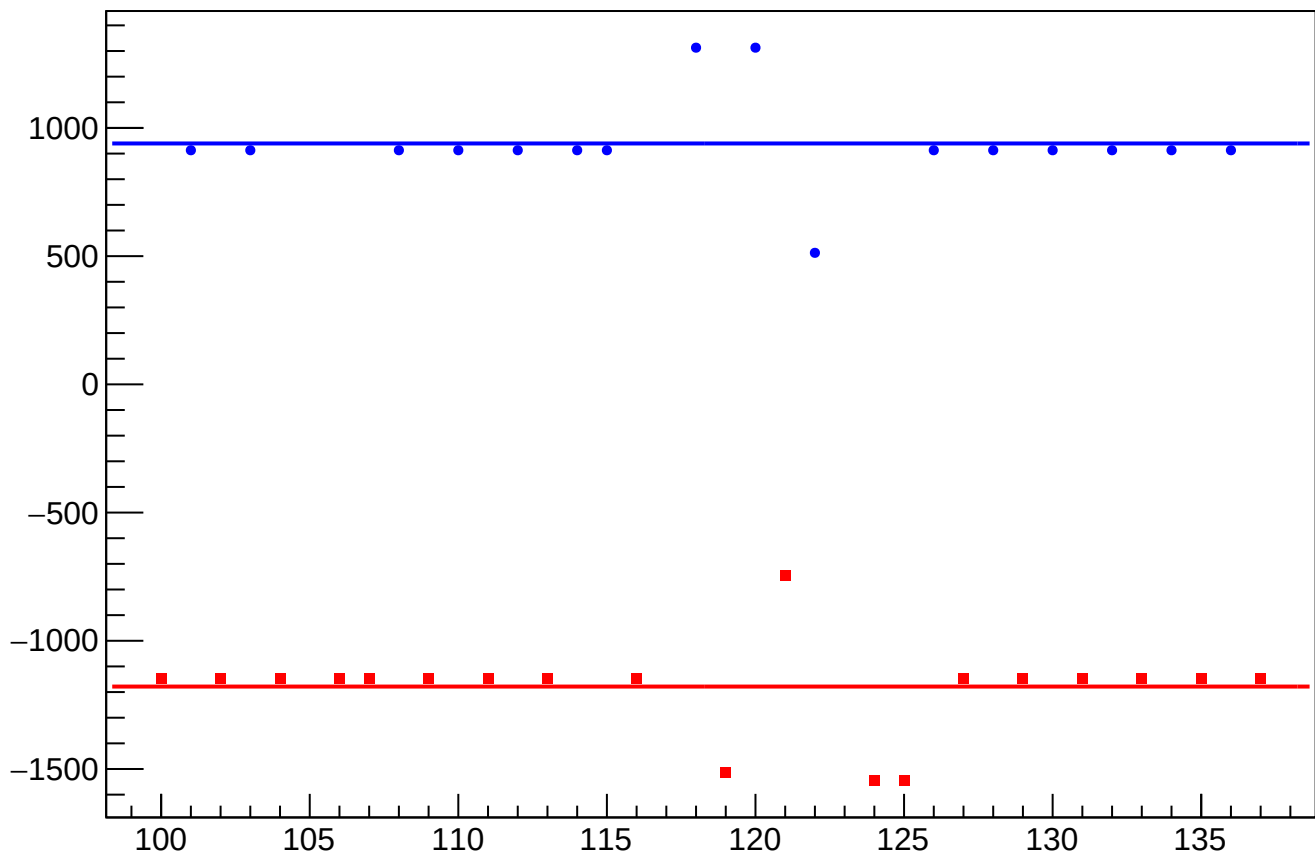
Right: -0.086+/-0.000 χ^2/NDF : 3990694435474134

In: 17.009+/-0.000 χ^2/NDF : 126634.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

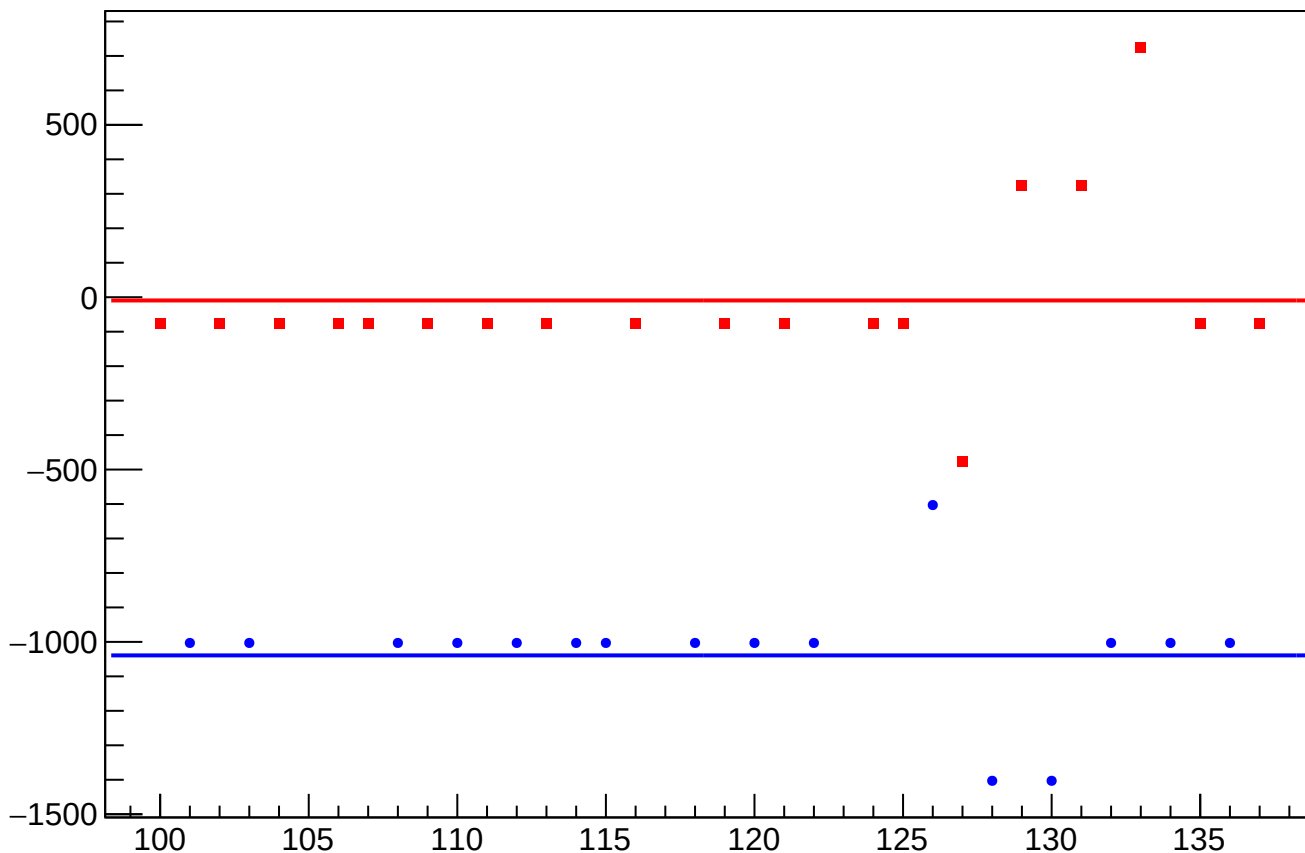
All: -0.086+/-0.000 χ^2/NDF : 3990694435474

RTPAPOSUCNT_mean vs Slug, Sign Corrected



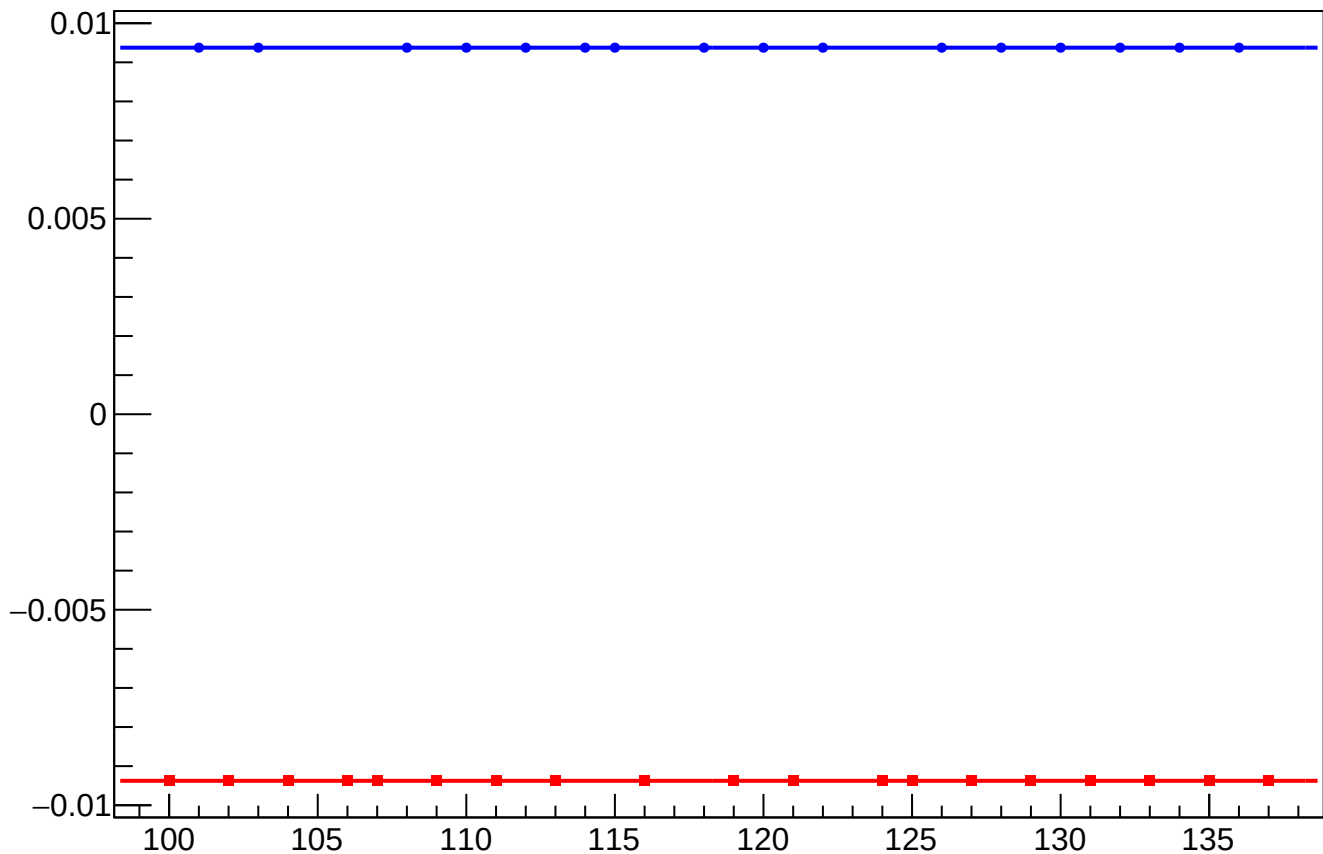
Right In: 939.446+/-0.000 χ^2/NDF : 21082933856092788763552768673189986304.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1178.513+/-0.000 χ^2/NDF : 22140259958123277565481106114837741568.0/18
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -135.024+/-0.000 χ^2/NDF : 17295046801044

RTPAPOSVCNT_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right In: -1039.157+/-0.000 χ^2/NDF : 22870377308507164002708101555084591104.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -516.762+/-0.000 χ^2/NDF : 46752928412988
 In: -1039.157+/-0.000 χ^2/NDF : 228703773085071
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -516.762+/-0.000 χ^2/NDF : 46752928412

RTPPITA1CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

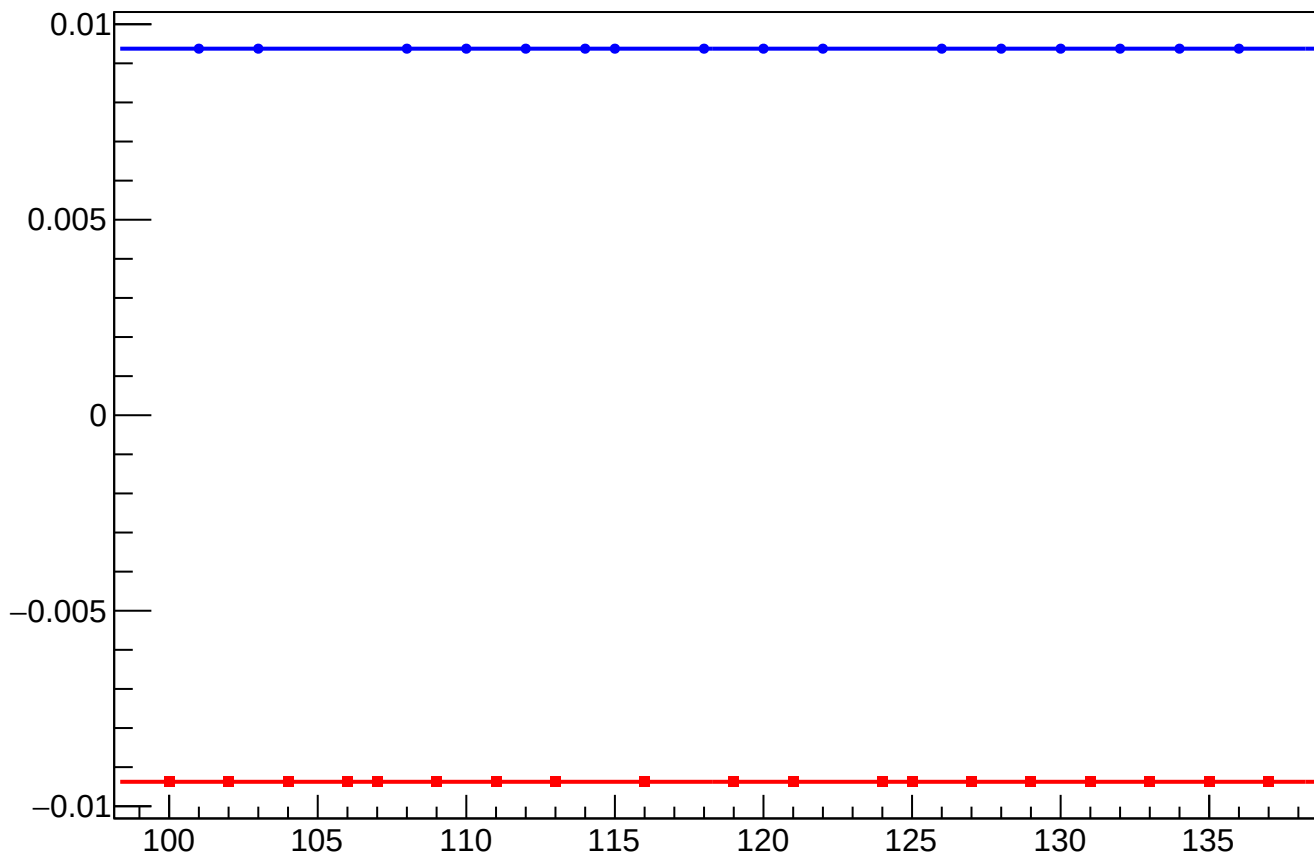
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1321592160488695

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1321592160488

RTPPITA2CNT_mean vs Slug, Sign Corrected



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/18

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1321592160488695

In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 1321592160488