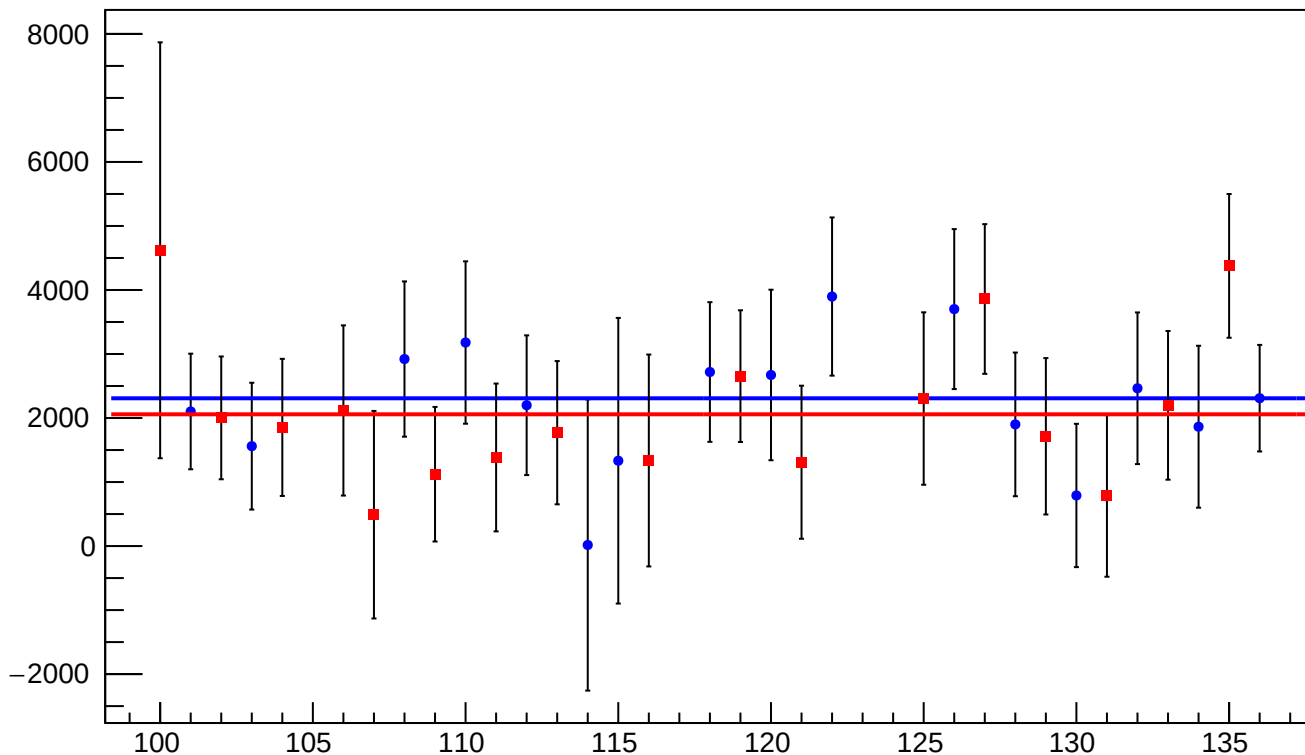


reg_asym_us_avg_mean vs Slug, Sign Corrected



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: 2058.121+/-293.858 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

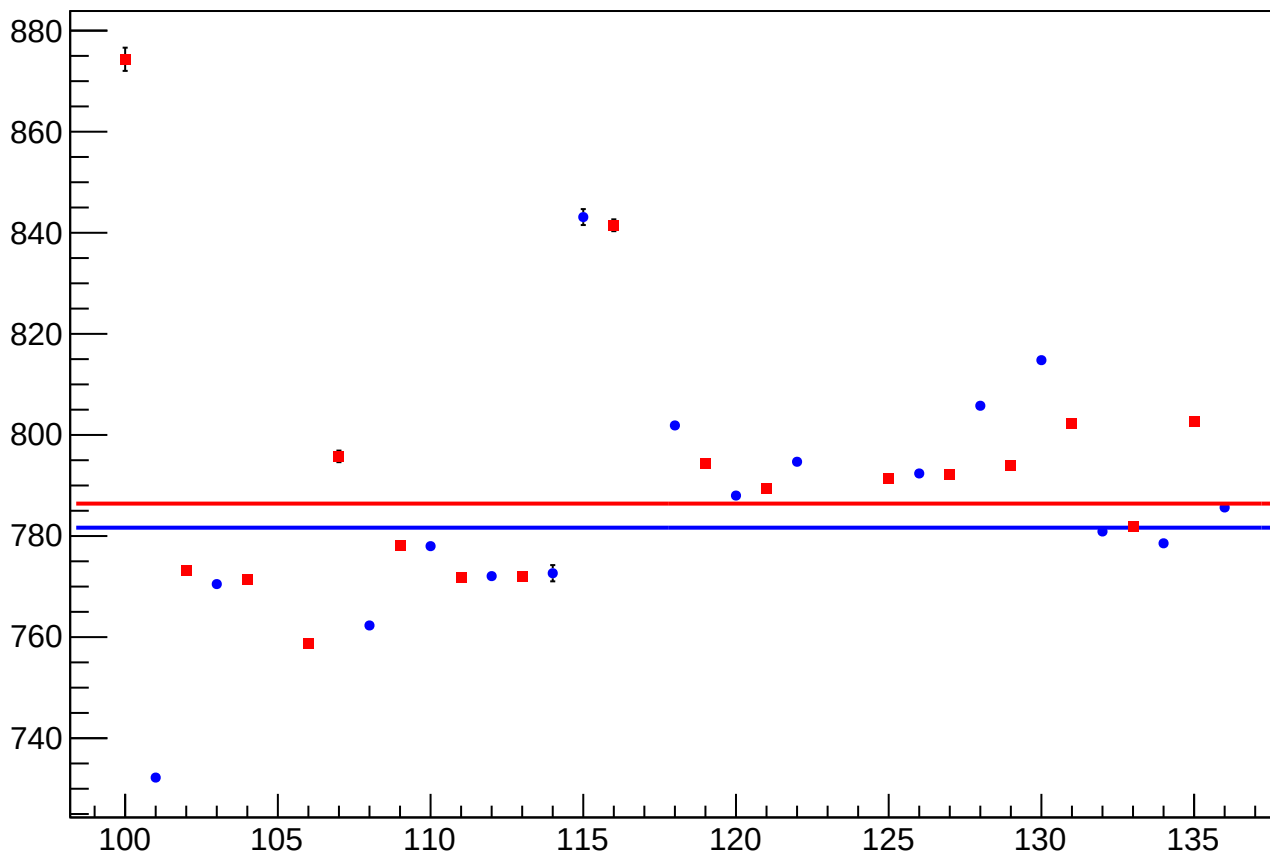
Right: 2184.604+/-206.567 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.604+/-206.567 χ^2/NDF : 19.7/32

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: 786.418+/-0.208 χ^2/NDF : 7201.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

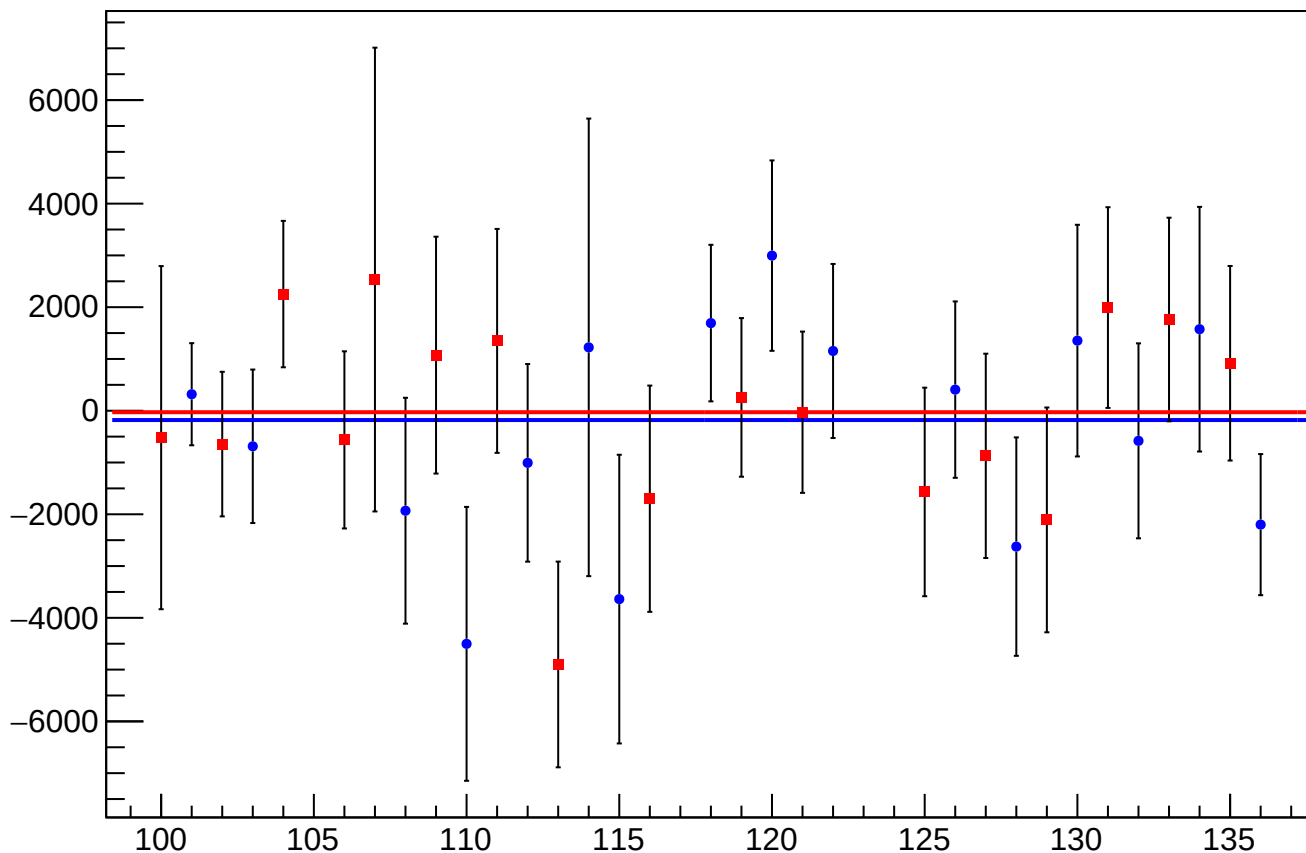
Right: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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: -28.499+/-460.016 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

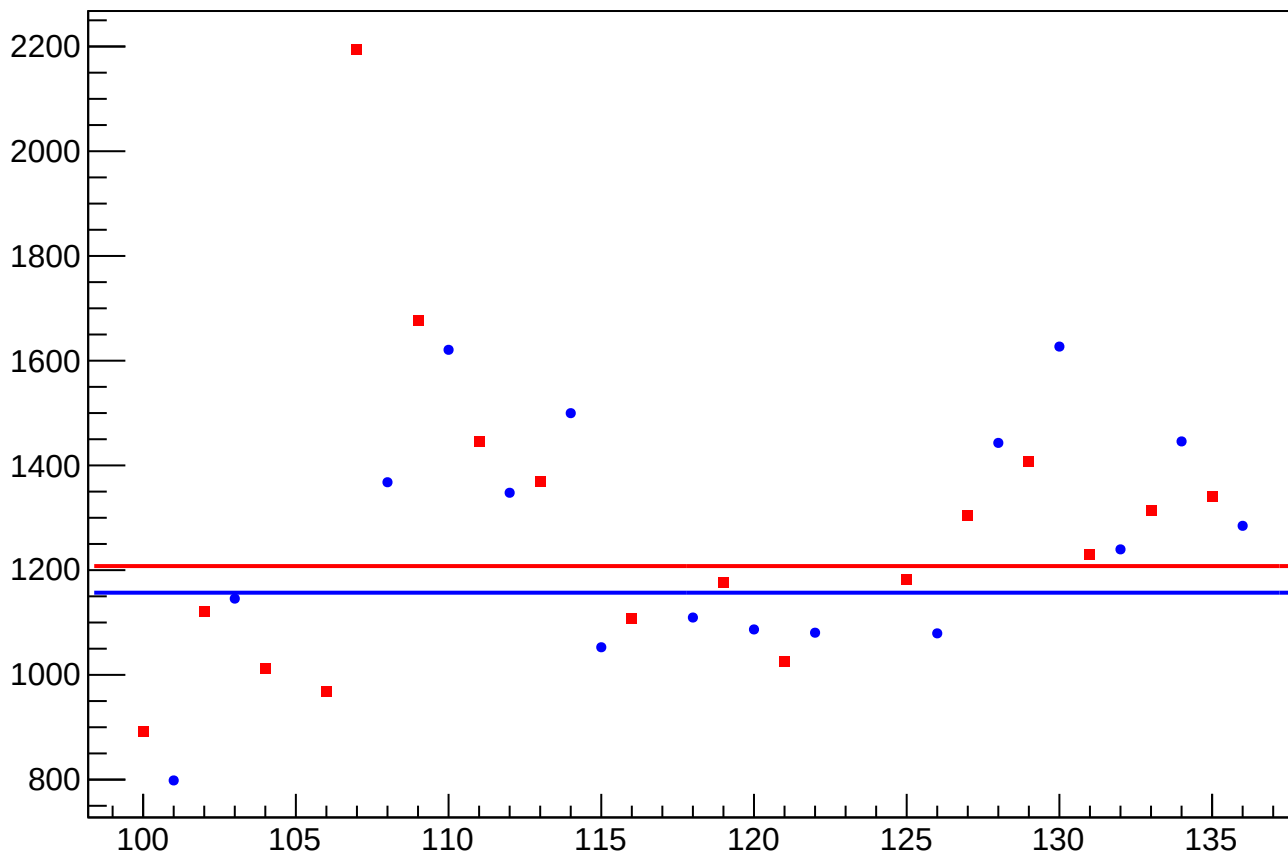
Right: -107.448+/-318.259 χ^2/NDF : 29.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.448+/-318.259 χ^2/NDF : 29.8/32

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: 1207.772+/-0.325 χ^2/NDF : 392595.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

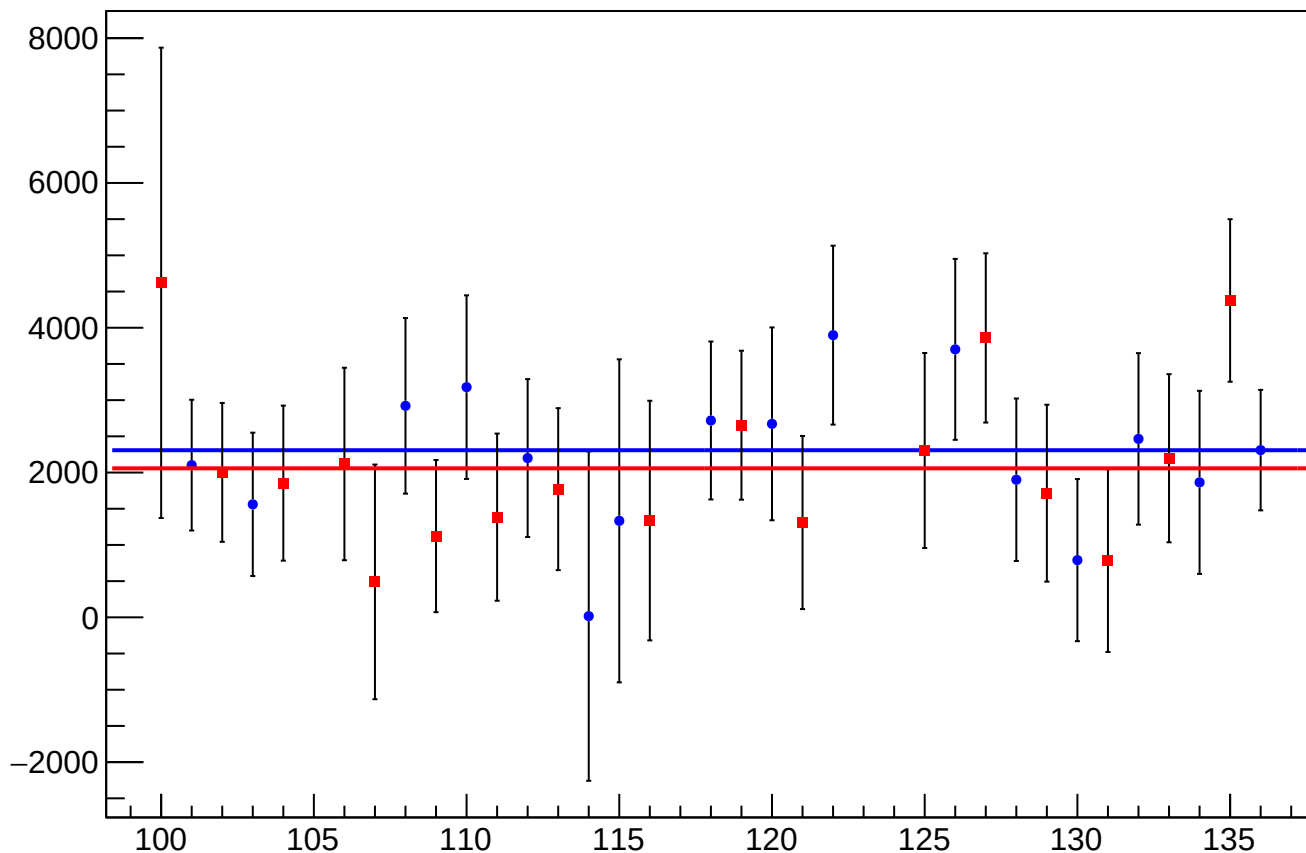
Right: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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: 2058.121+/-293.858 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

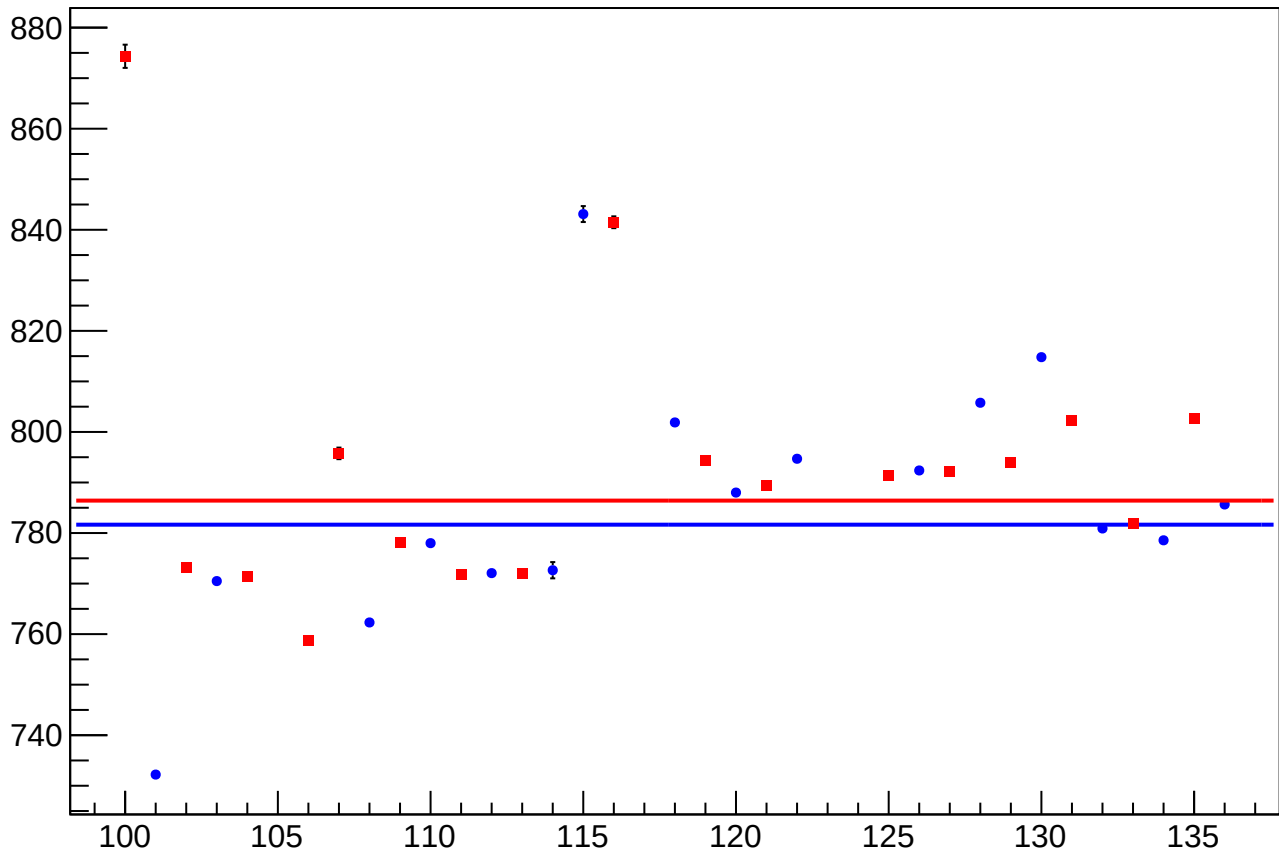
Right: 2184.604+/-206.567 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.604+/-206.567 χ^2/NDF : 19.7/32

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: 786.418+/-0.208 χ^2/NDF : 7201.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

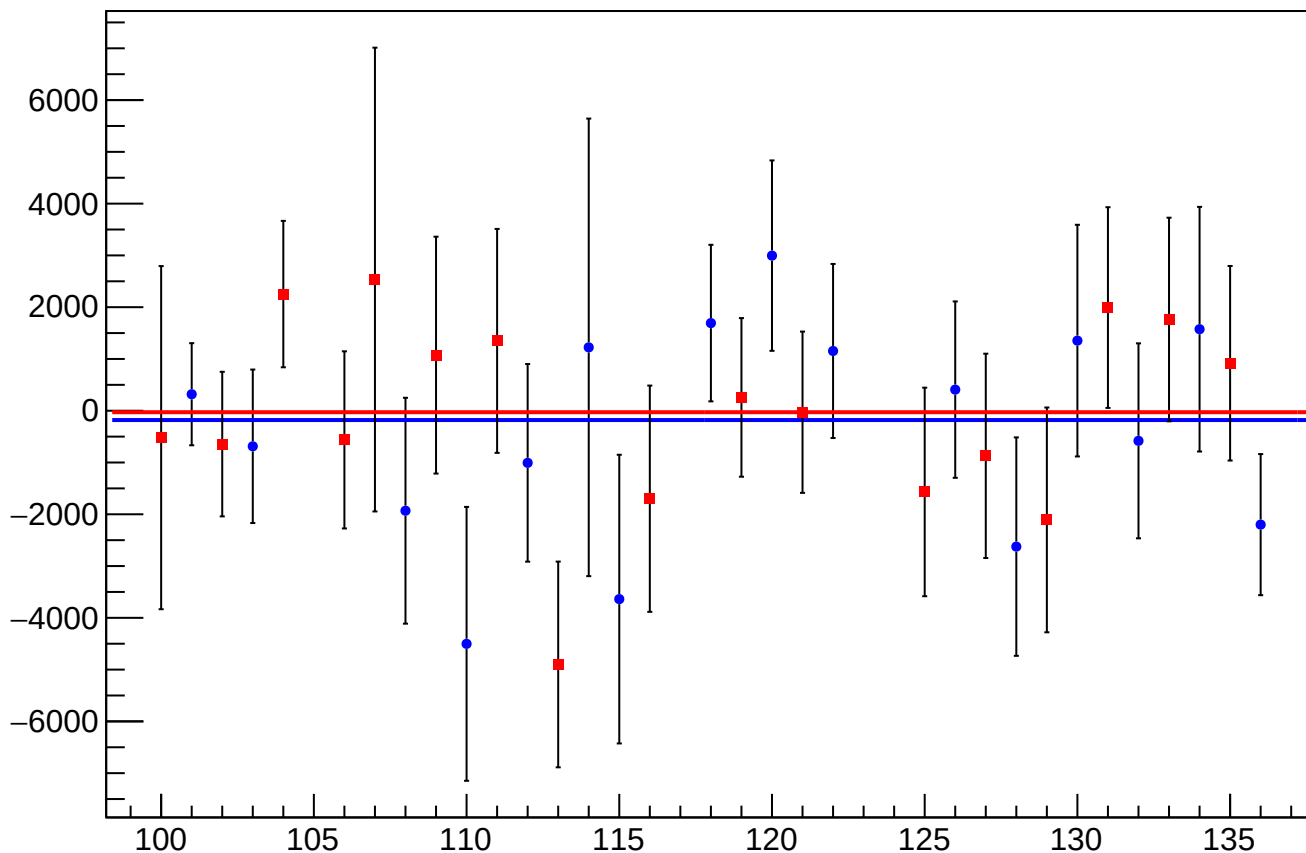
Right: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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: -28.499+/-460.016 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

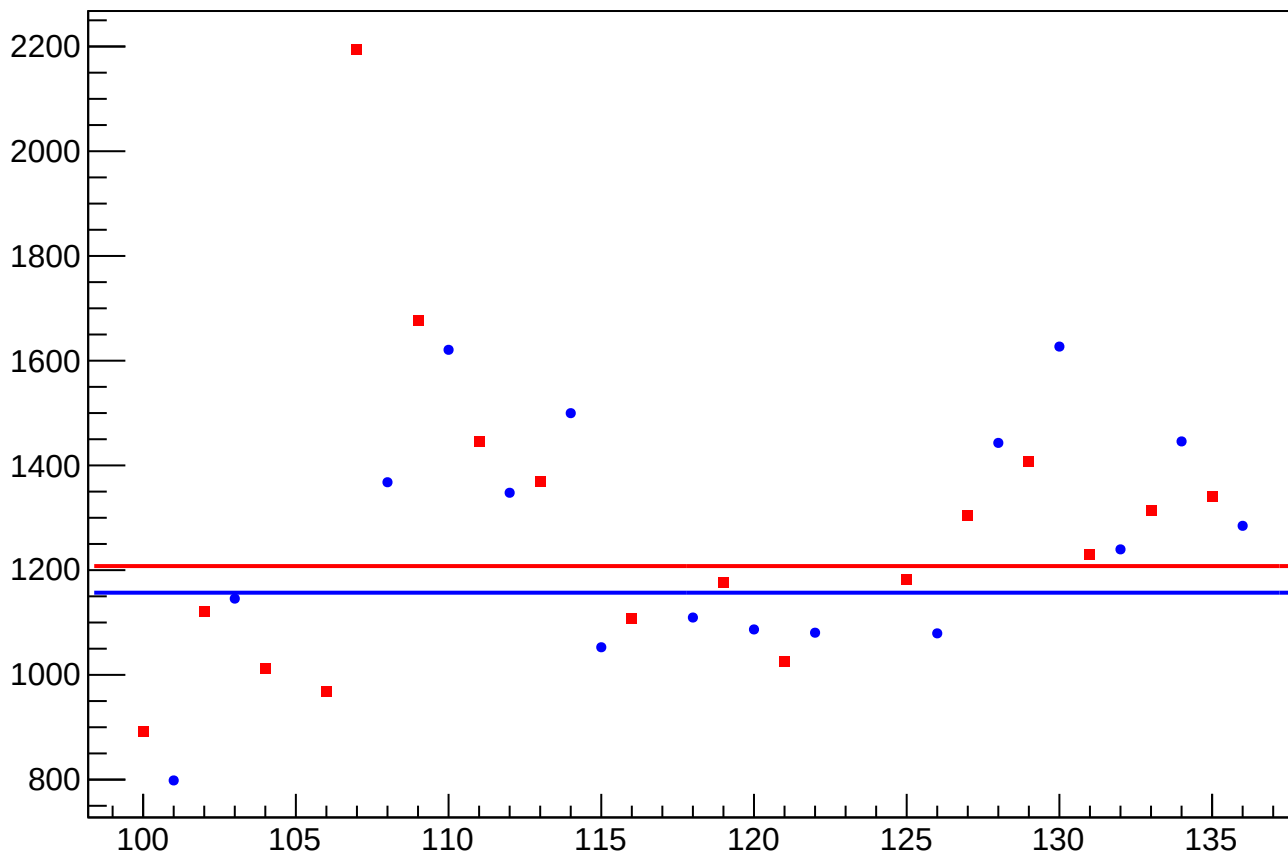
Right: -107.448+/-318.259 χ^2/NDF : 29.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.448+/-318.259 χ^2/NDF : 29.8/32

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: 1207.772+/-0.325 χ^2/NDF : 392595.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

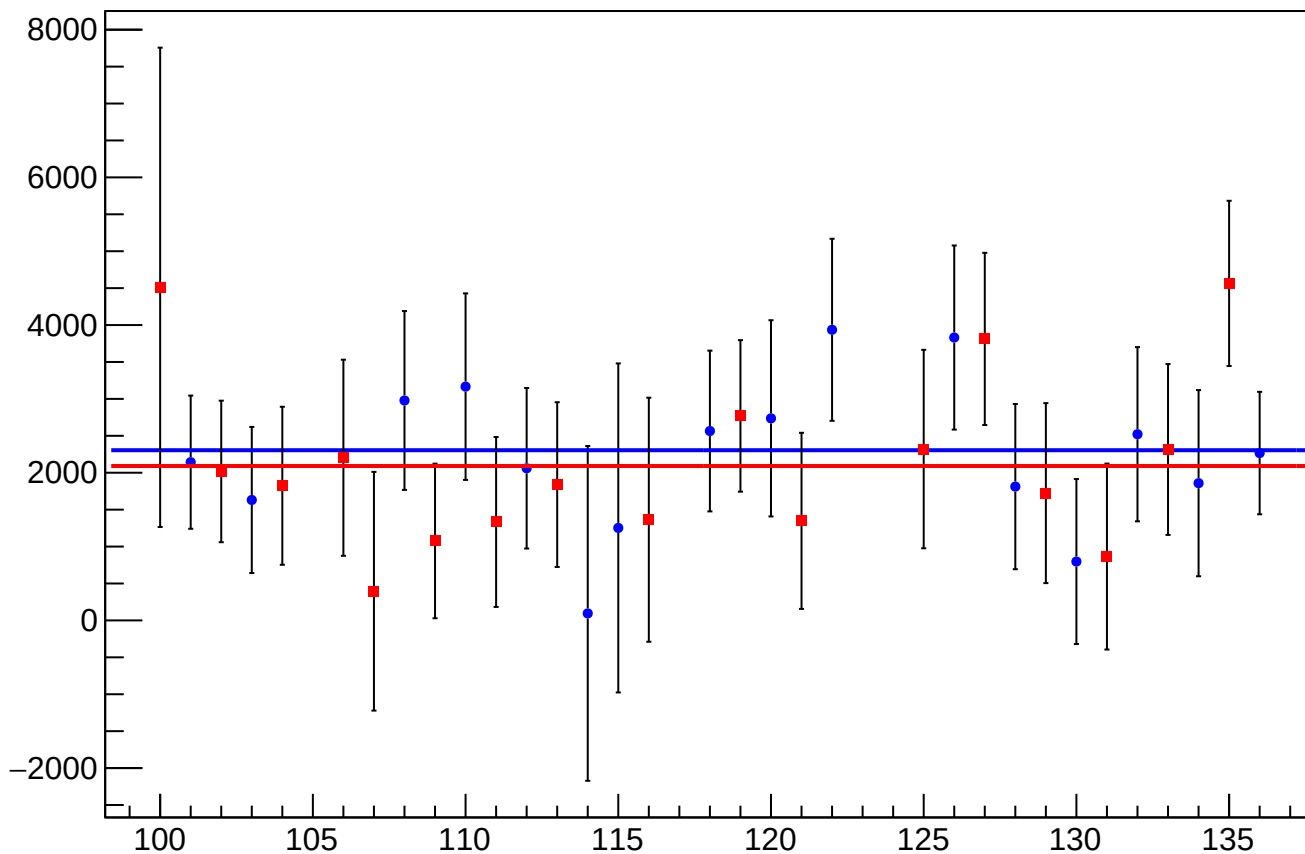
Right: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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: 2090.995+/-293.155 χ^2/NDF : 12.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

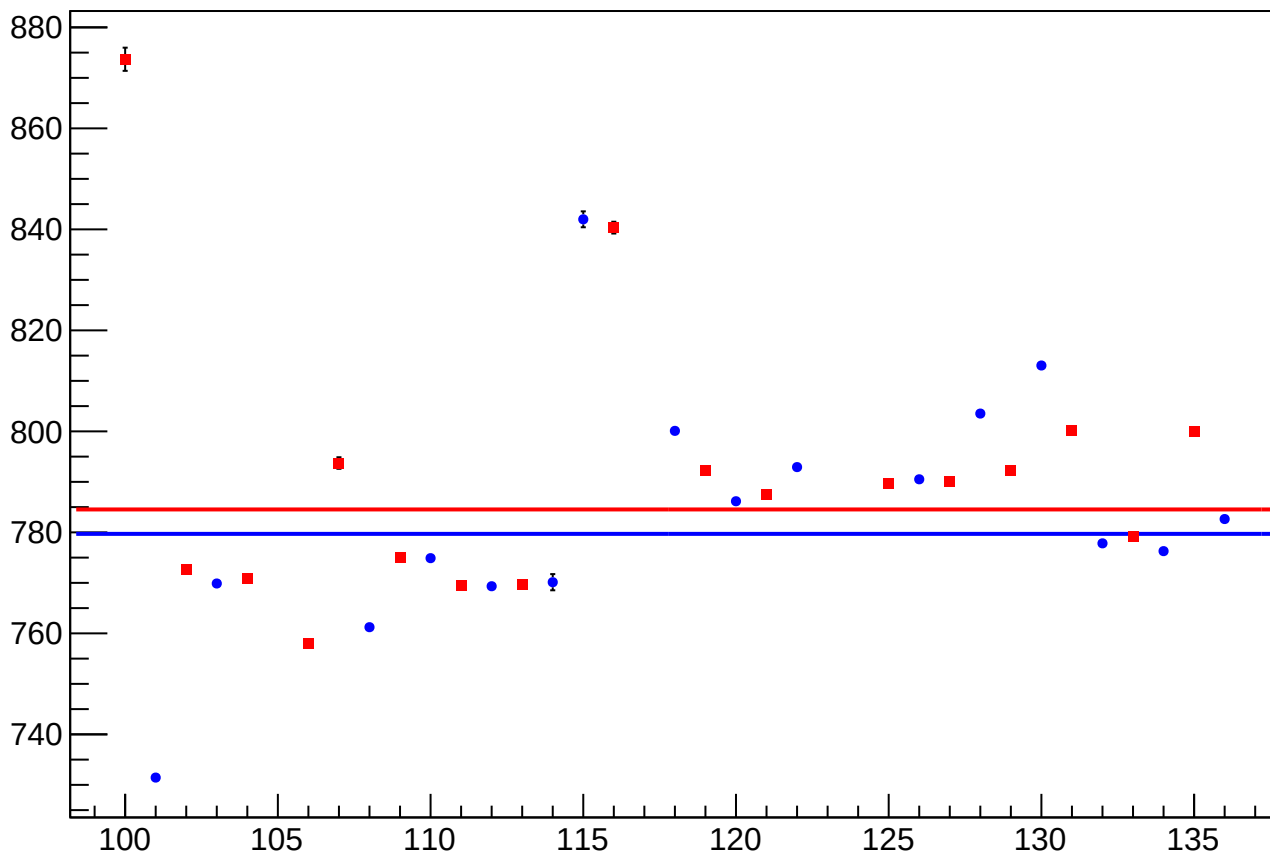
Right: 2199.190+/-206.061 χ^2/NDF : 20.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.190+/-206.061 χ^2/NDF : 20.7/32

overload_cor_asym_us_avg_rms vs Slug, Sign Corrected



Right In: 779.702 $\pm$ 0.205 χ^2 /NDF: 12060.2/15

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

Right Out: 784.538 $\pm$ 0.207 χ^2 /NDF: 7159.9/16

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

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

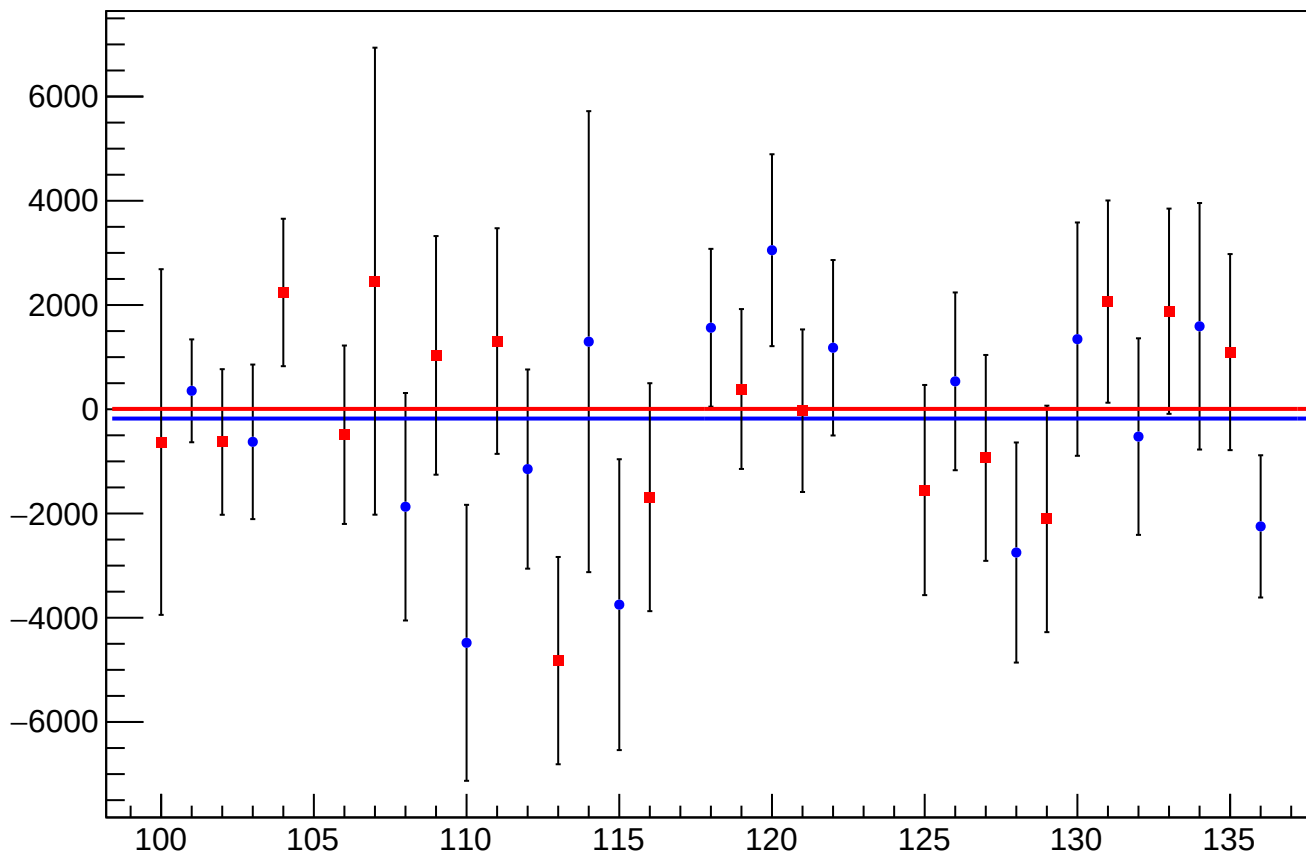
Right: 782.092 $\pm$ 0.146 χ^2 /NDF: 19495.5/32

In: 779.702 $\pm$ 0.205 χ^2 /NDF:12060.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 782.092 $\pm$ 0.146 χ^2 /NDF: 19495.5/32

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: 6.809 ± 460.421 χ^2/NDF : 14.4/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

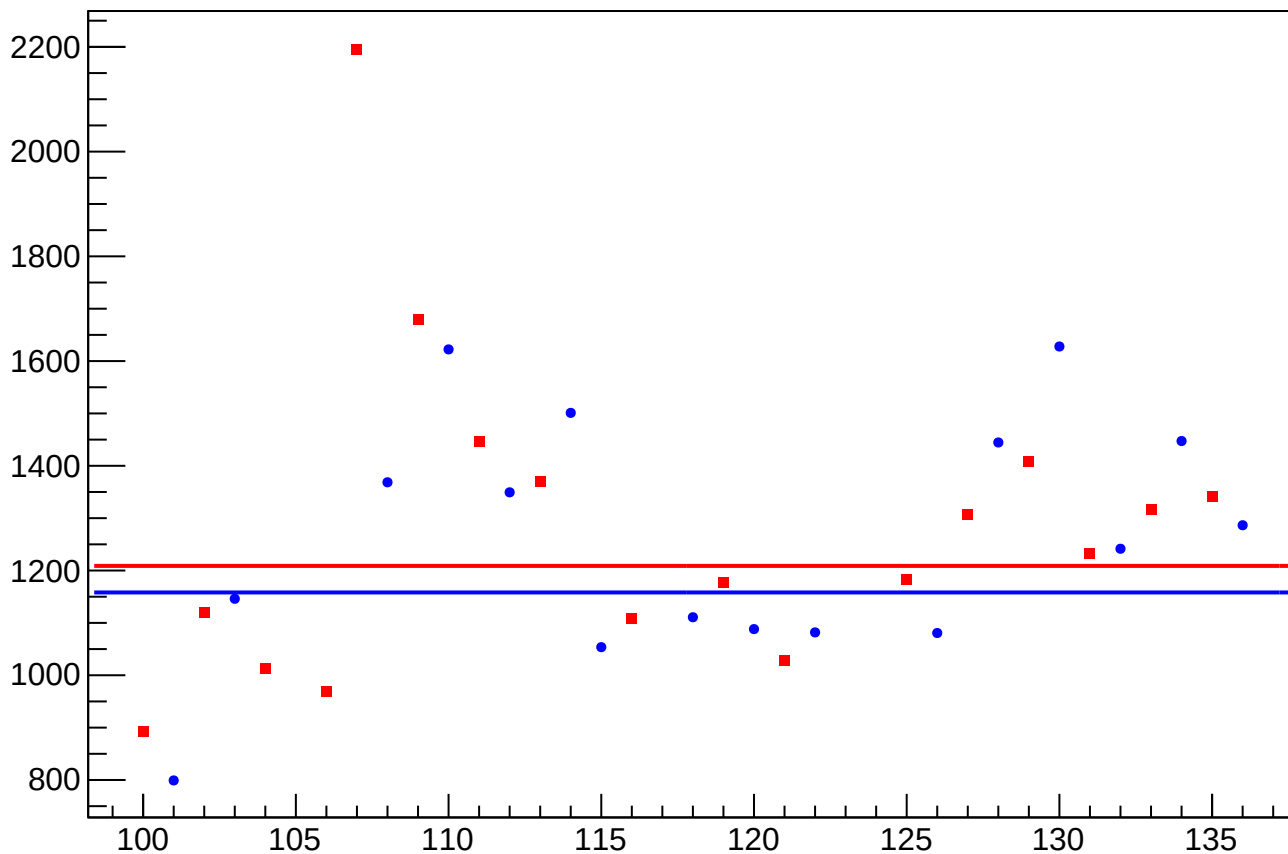
Right: -89.768 ± 318.561 χ^2/NDF : 30.2/32

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -89.768 ± 318.561 χ^2/NDF : 30.2/32

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: 1208.840+/-0.326 χ^2/NDF : 392779.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

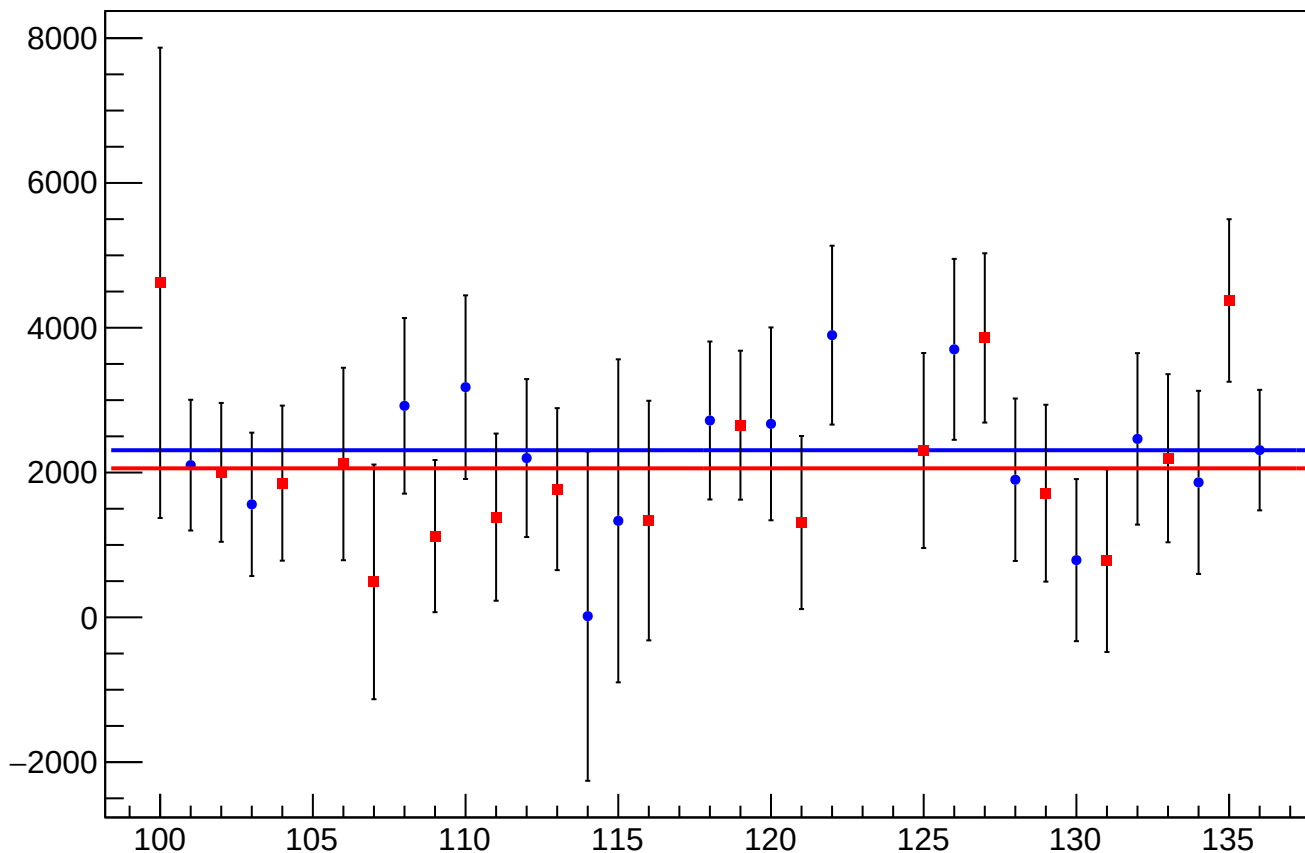
Right: 1182.408+/-0.225 χ^2/NDF : 974570.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1182.408+/-0.225 χ^2/NDF : 974570.1/32

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: 2058.121+/-293.858 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

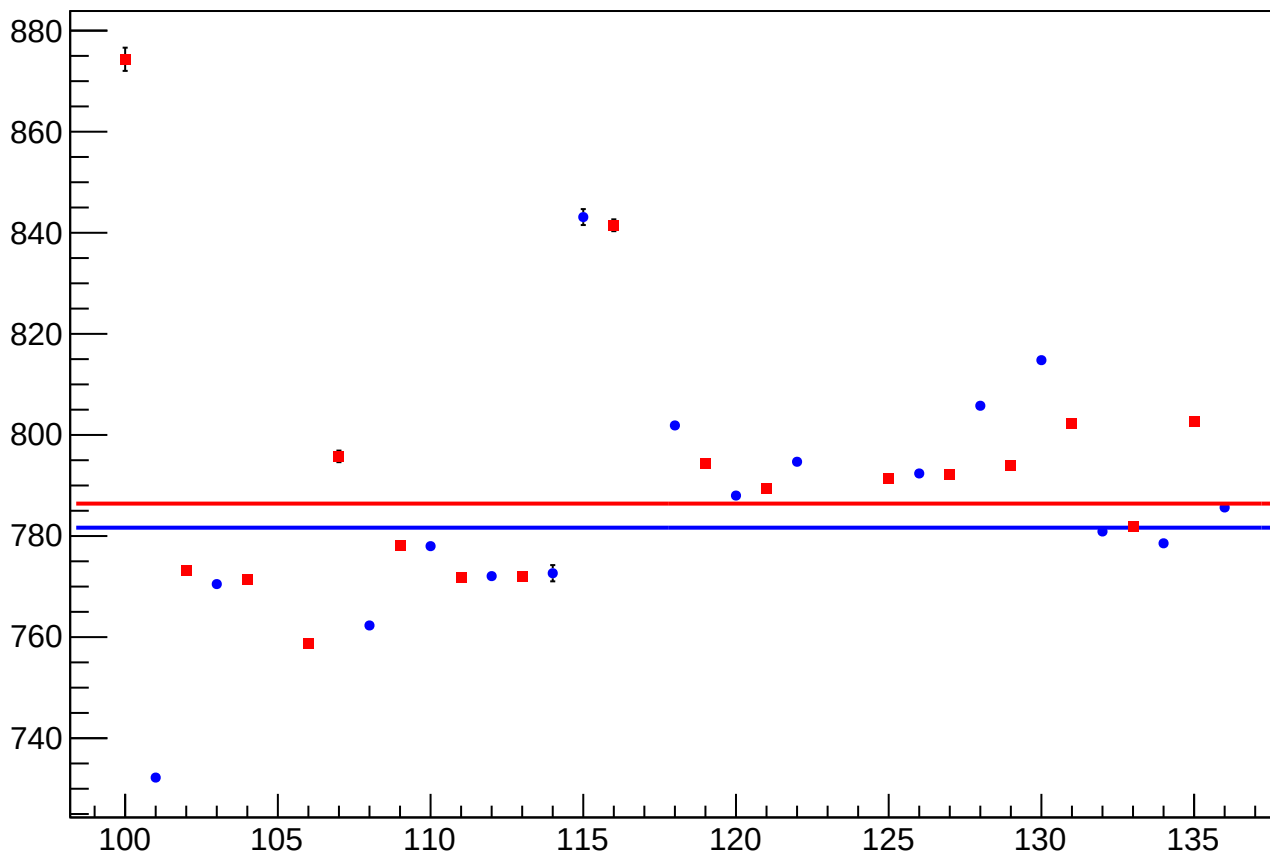
Right: 2184.604+/-206.567 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2184.604+/-206.567 χ^2/NDF : 19.7/32

eigen_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: 786.418+/-0.208 χ^2/NDF : 7201.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

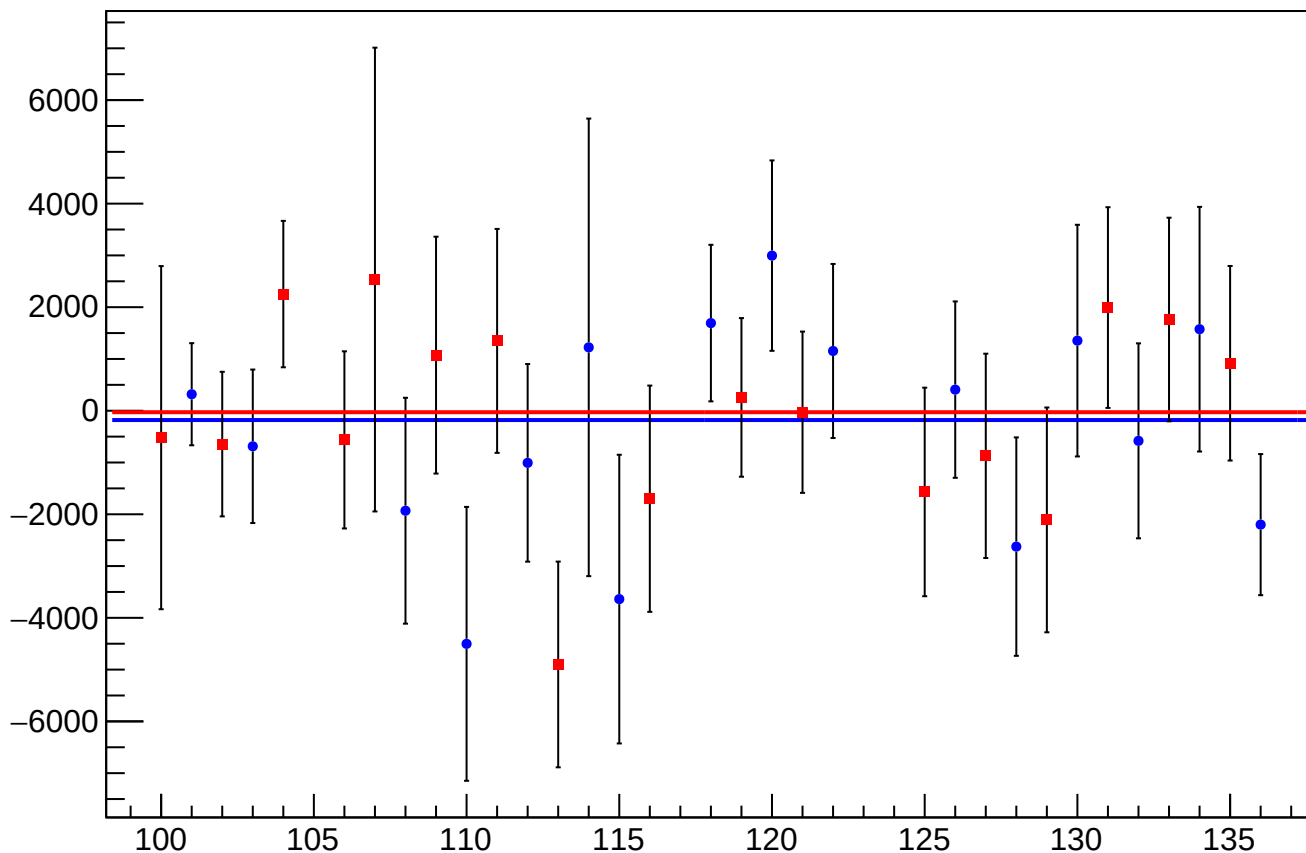
Right: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.008+/-0.146 χ^2/NDF : 19785.9/32

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: -28.499+/-460.016 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

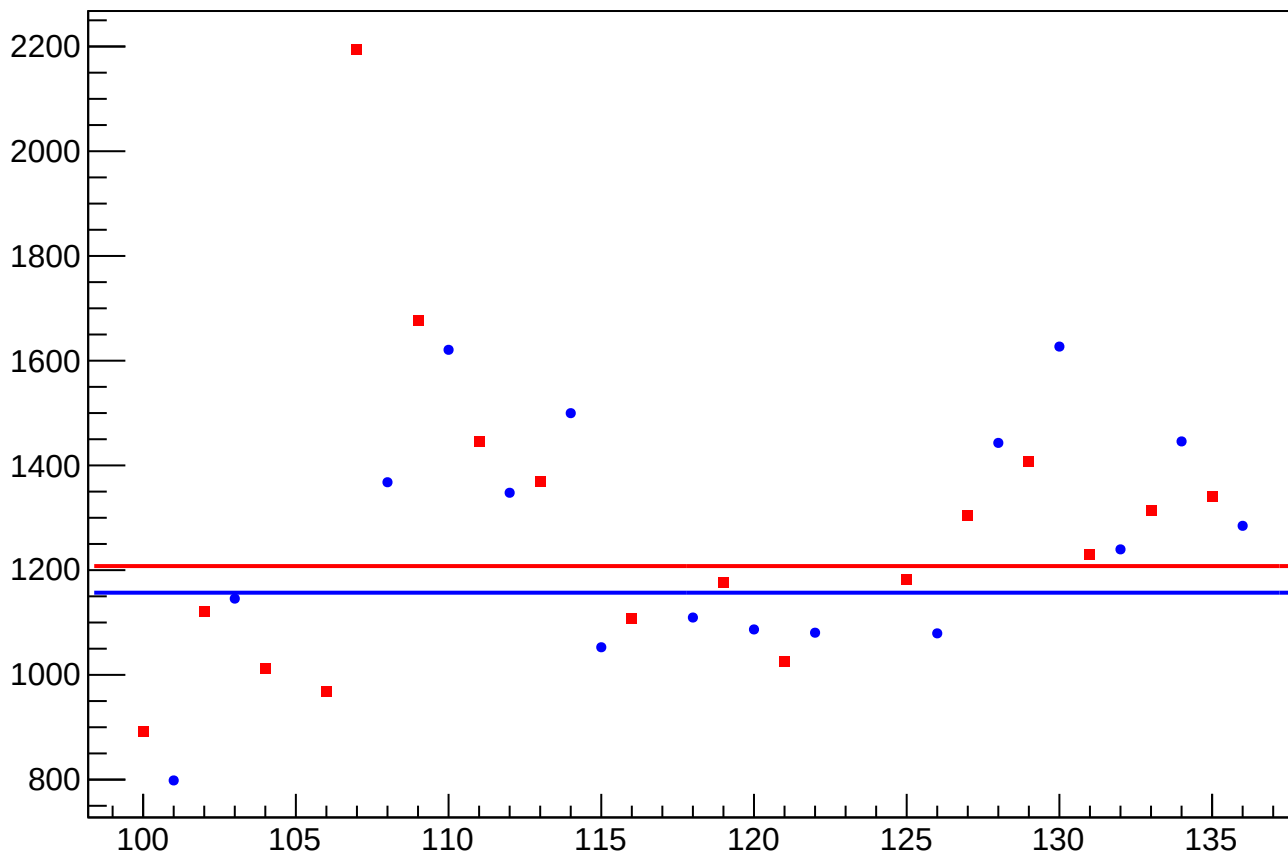
Right: -107.448+/-318.259 χ^2/NDF : 29.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -107.448+/-318.259 χ^2/NDF : 29.8/32

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: 1207.772+/-0.325 χ^2/NDF : 392595.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

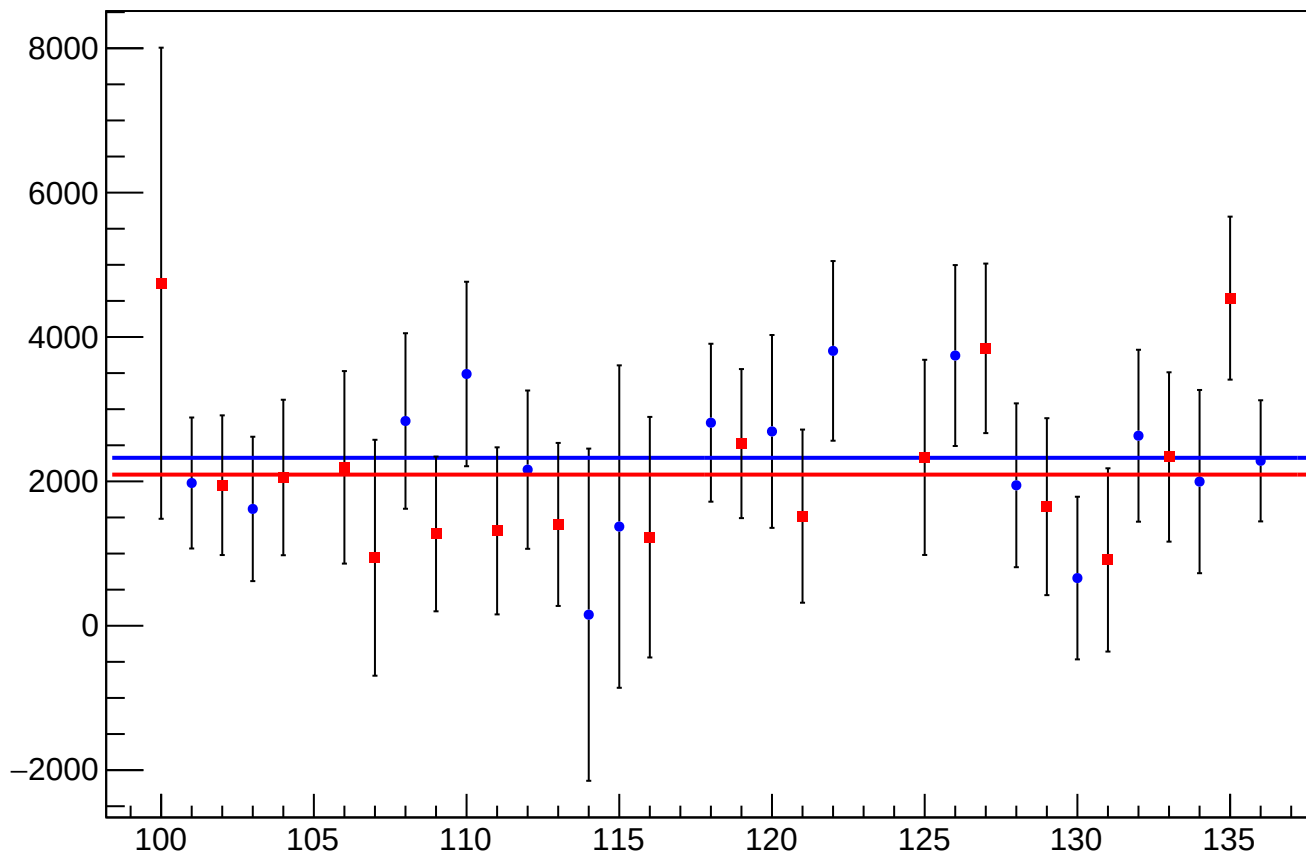
Right: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1181.275+/-0.225 χ^2/NDF : 974443.1/32

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: 2093.795+/-295.827 χ^2/NDF : 11.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

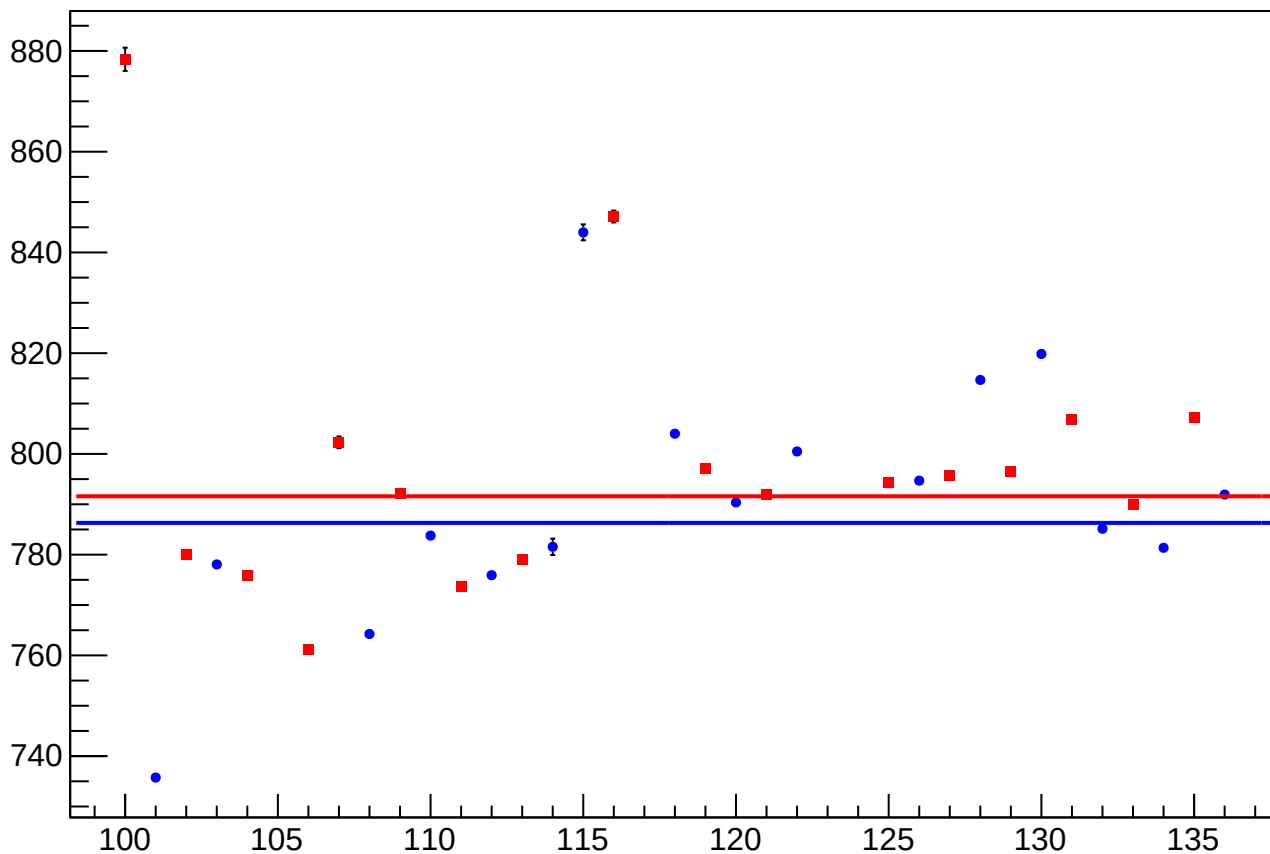
Right: 2211.557+/-207.878 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2211.557+/-207.878 χ^2/NDF : 19.7/32

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: 791.591+/-0.209 χ^2/NDF : 6992.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

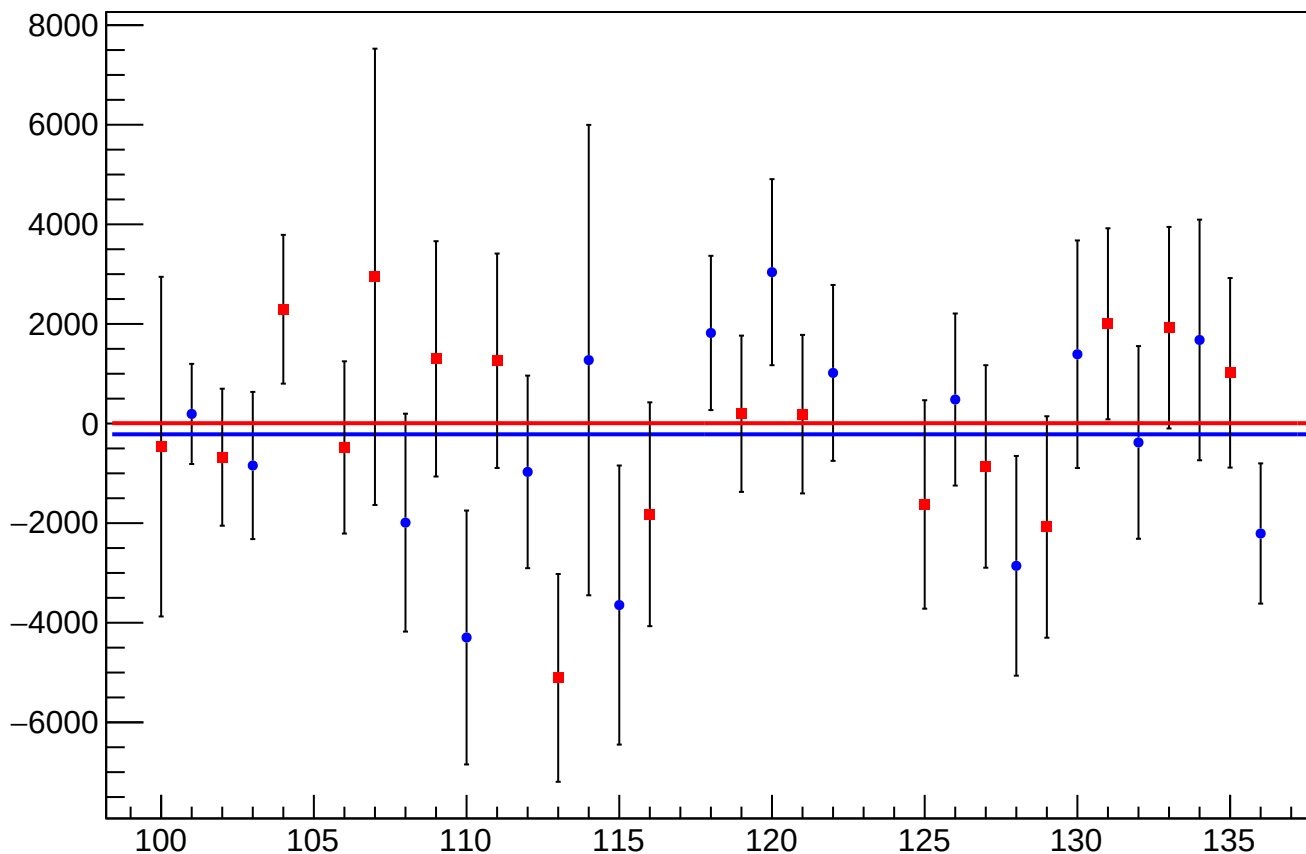
Right: 788.917+/-0.147 χ^2/NDF : 19885.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.917+/-0.147 χ^2/NDF : 19885.8/32

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: 7.087+/-469.703 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

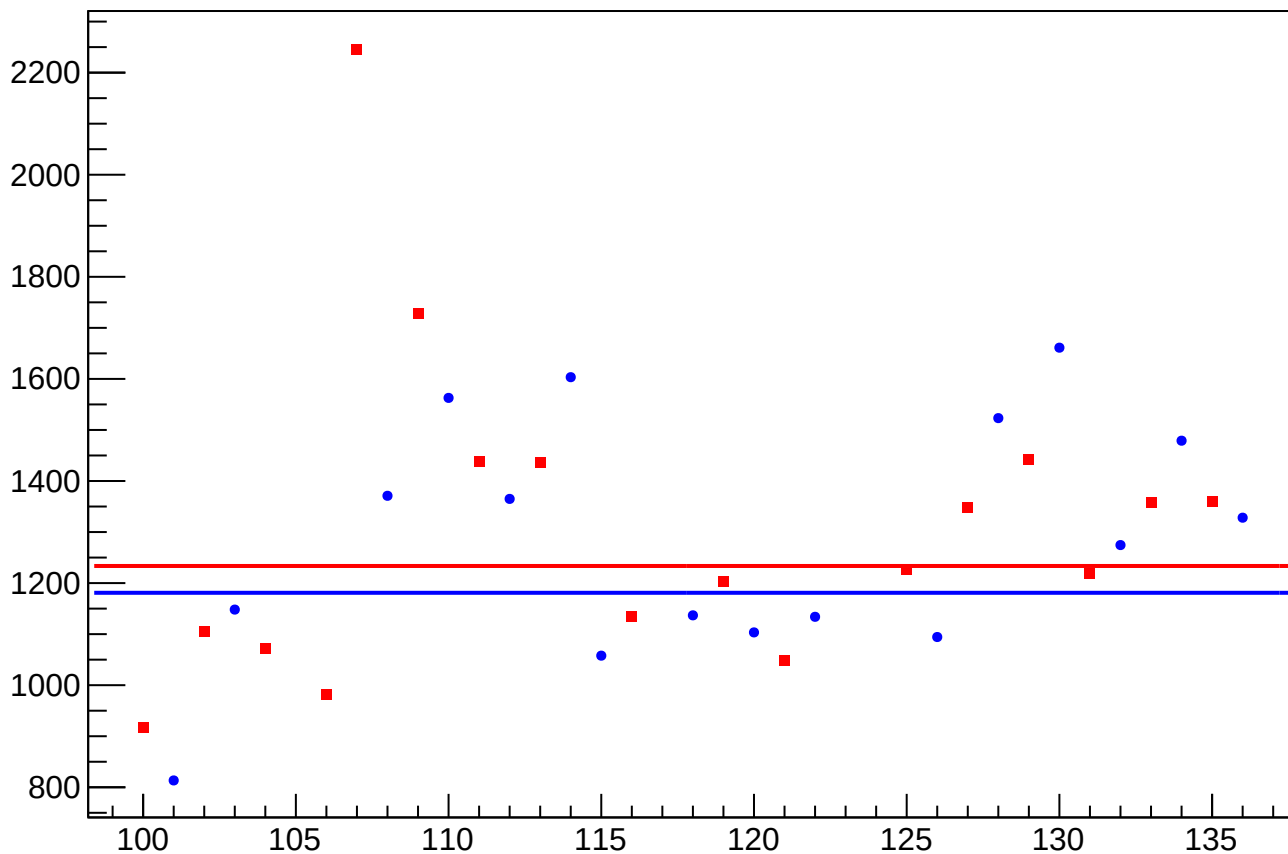
Right: -109.444+/-324.766 χ^2/NDF : 29.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.444+/-324.766 χ^2/NDF : 29.8/32

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: 1233.527+/-0.332 χ^2/NDF : 394698.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

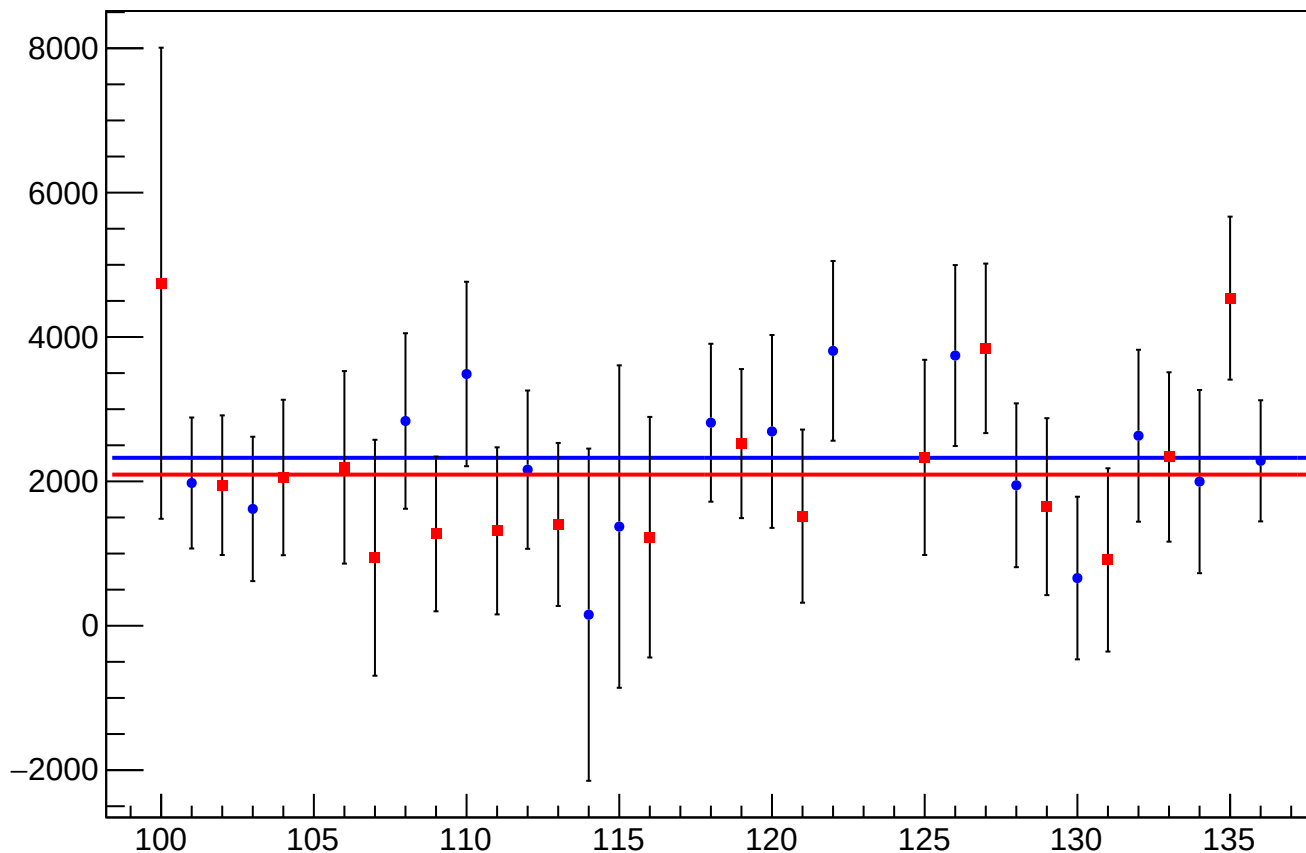
Right: 1206.110+/-0.230 χ^2/NDF : 978861.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1206.110+/-0.230 χ^2/NDF : 978861.4/32

eigen_dit_asym_us_avg_mean vs Slug, Sign Corrected



Right In: 2326.429 $\pm$ 292.176 χ^2 /NDF: 8.1/15

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

Right Out: 2093.793 $\pm$ 295.827 χ^2 /NDF: 11.3/16

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

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

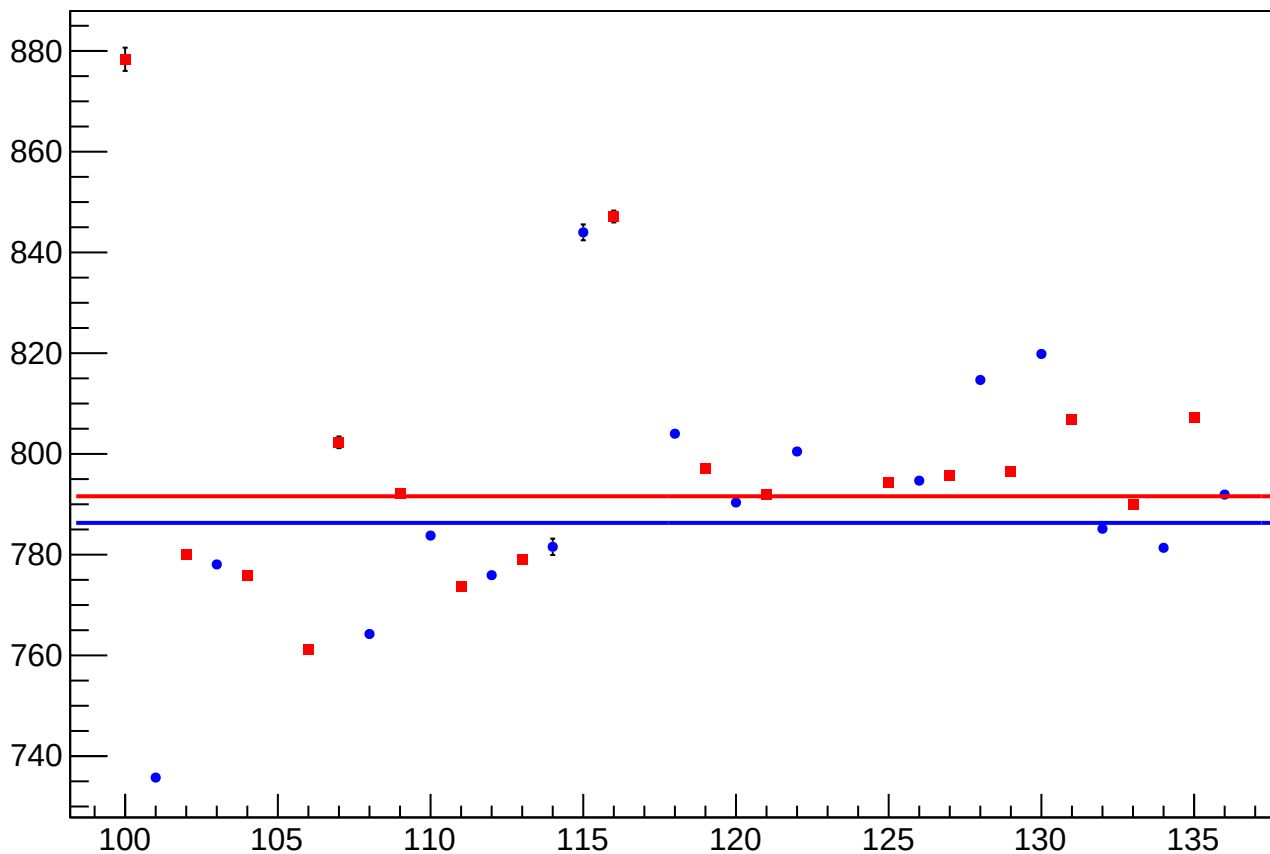
Right: 2211.556 $\pm$ 207.878 χ^2 /NDF: 19.7/32

In: 2326.429 $\pm$ 292.176 χ^2 /NDF:8.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2211.556 $\pm$ 207.878 χ^2 /NDF: 19.7/32

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: 791.591+/-0.209 χ^2/NDF : 6992.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

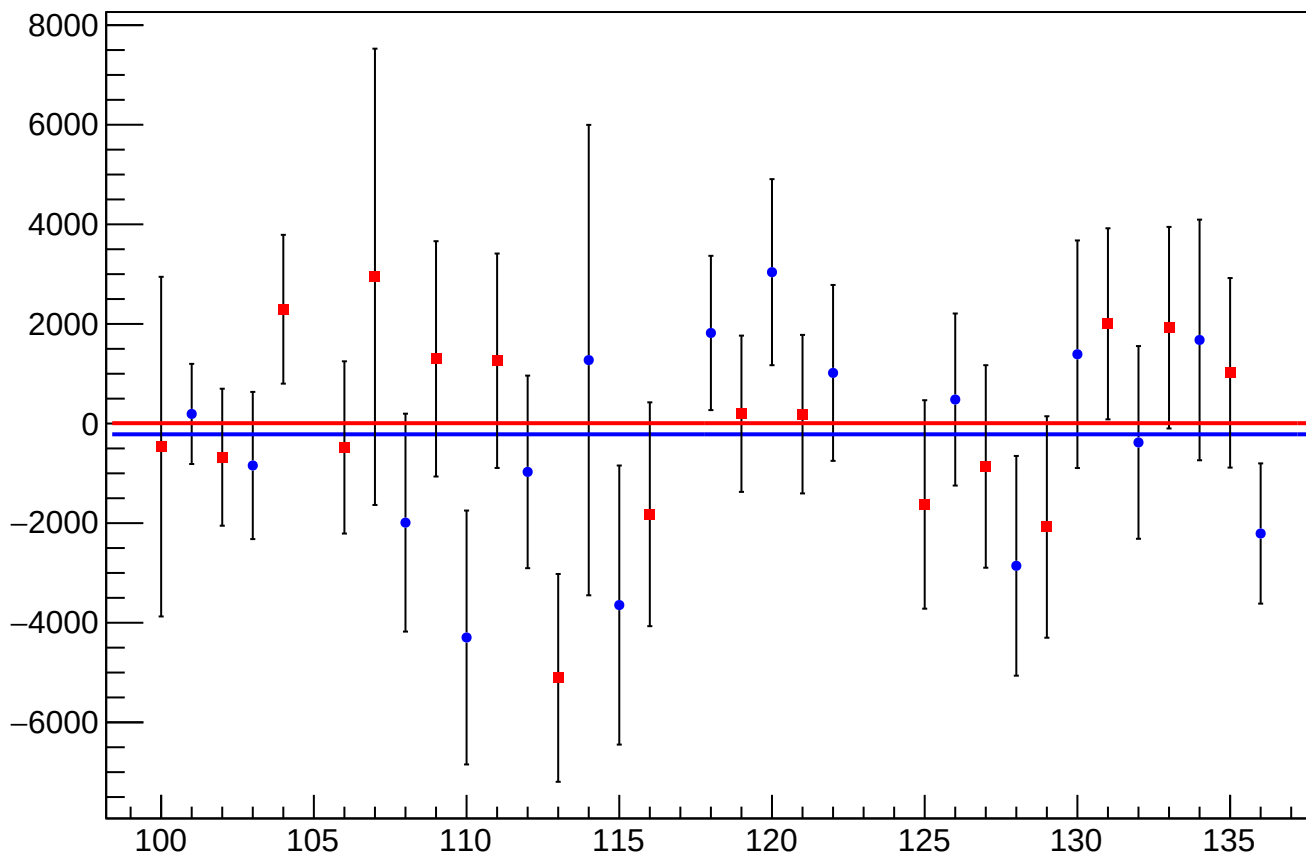
Right: 788.917+/-0.147 χ^2/NDF : 19885.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.917+/-0.147 χ^2/NDF : 19885.8/32

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: 7.087+/-469.702 χ^2/NDF : 14.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

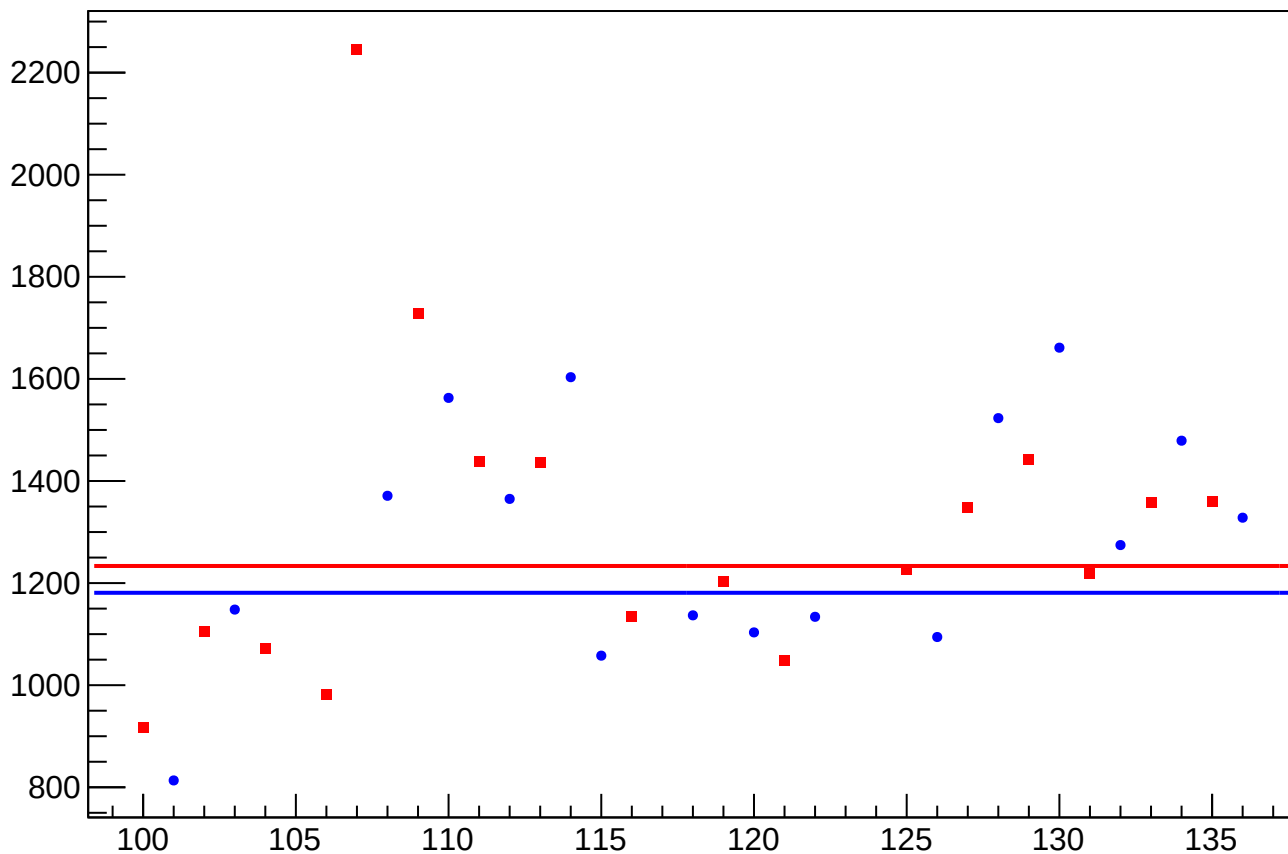
Right: -109.444+/-324.765 χ^2/NDF : 29.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.444+/-324.765 χ^2/NDF : 29.8/32

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: 1233.523+/-0.332 χ^2/NDF : 394696.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

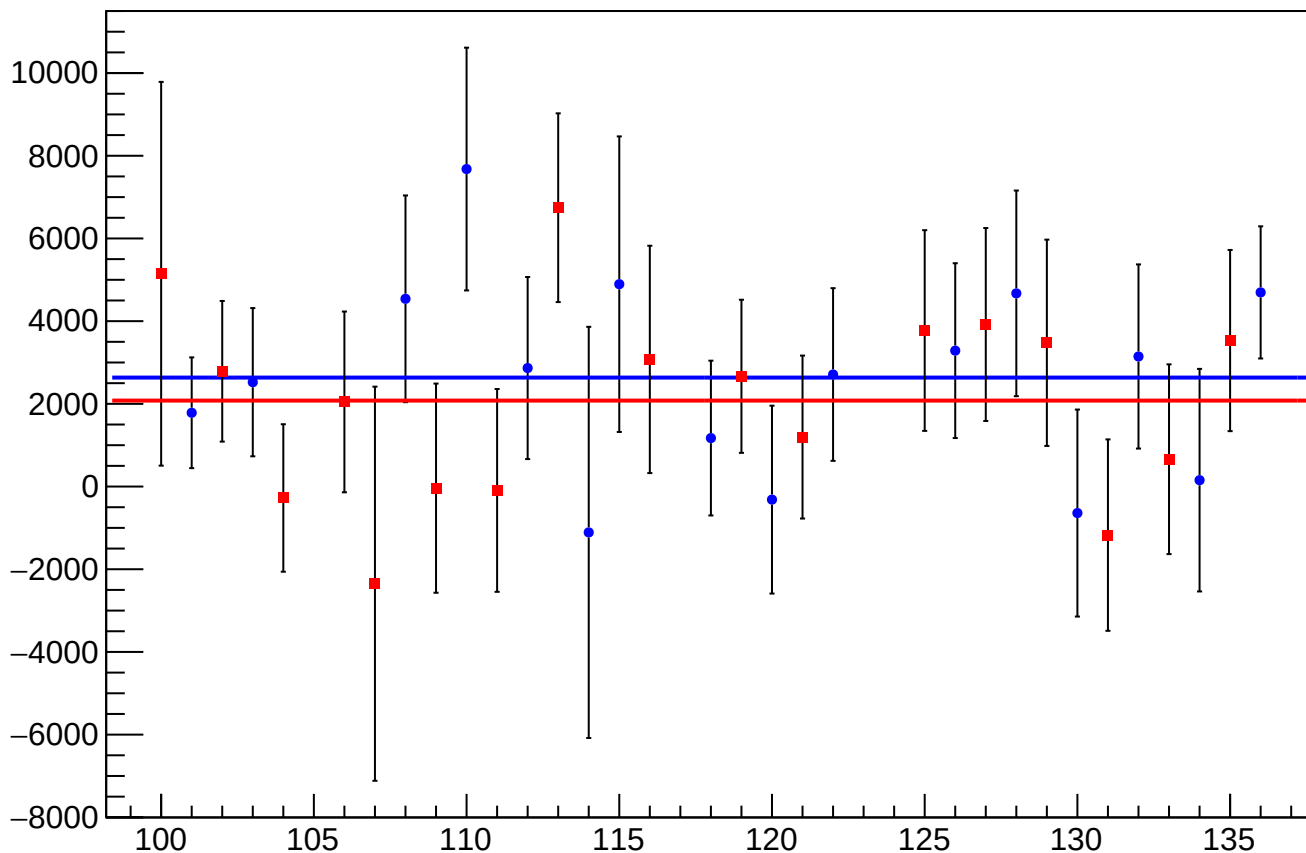
Right: 1206.107+/-0.230 χ^2/NDF : 978857.3/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1206.107+/-0.230 χ^2/NDF : 978857.3/32

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: 2079.058+/-554.293 χ^2/NDF : 13.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

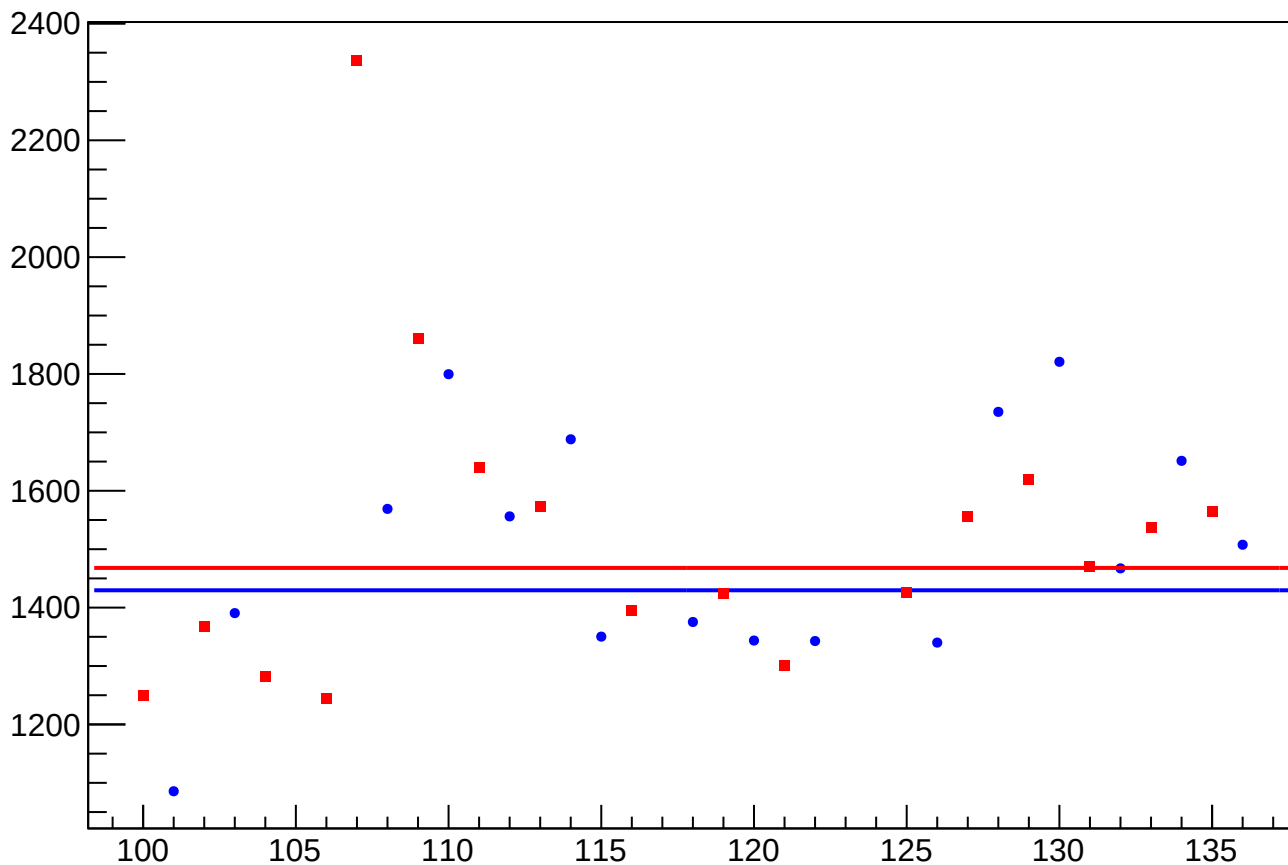
Right: 2365.506+/-386.068 χ^2/NDF : 26.3/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2365.506+/-386.068 χ^2/NDF : 26.3/32

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: 1467.931+/-0.392 χ^2/NDF : 216218.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

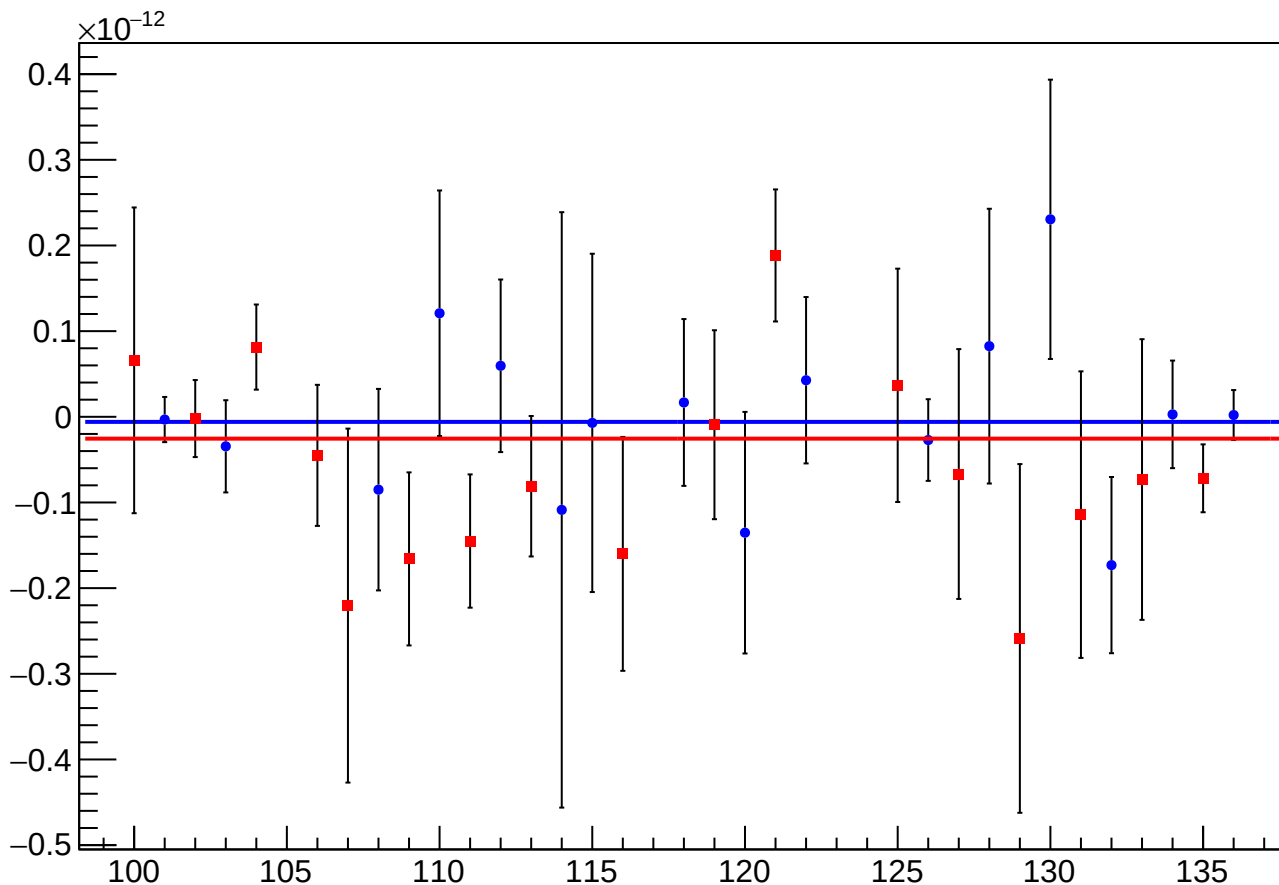
Right: 1448.223+/-0.273 χ^2/NDF : 514517.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1448.223+/-0.273 χ^2/NDF : 514517.5/32

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 : 22.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

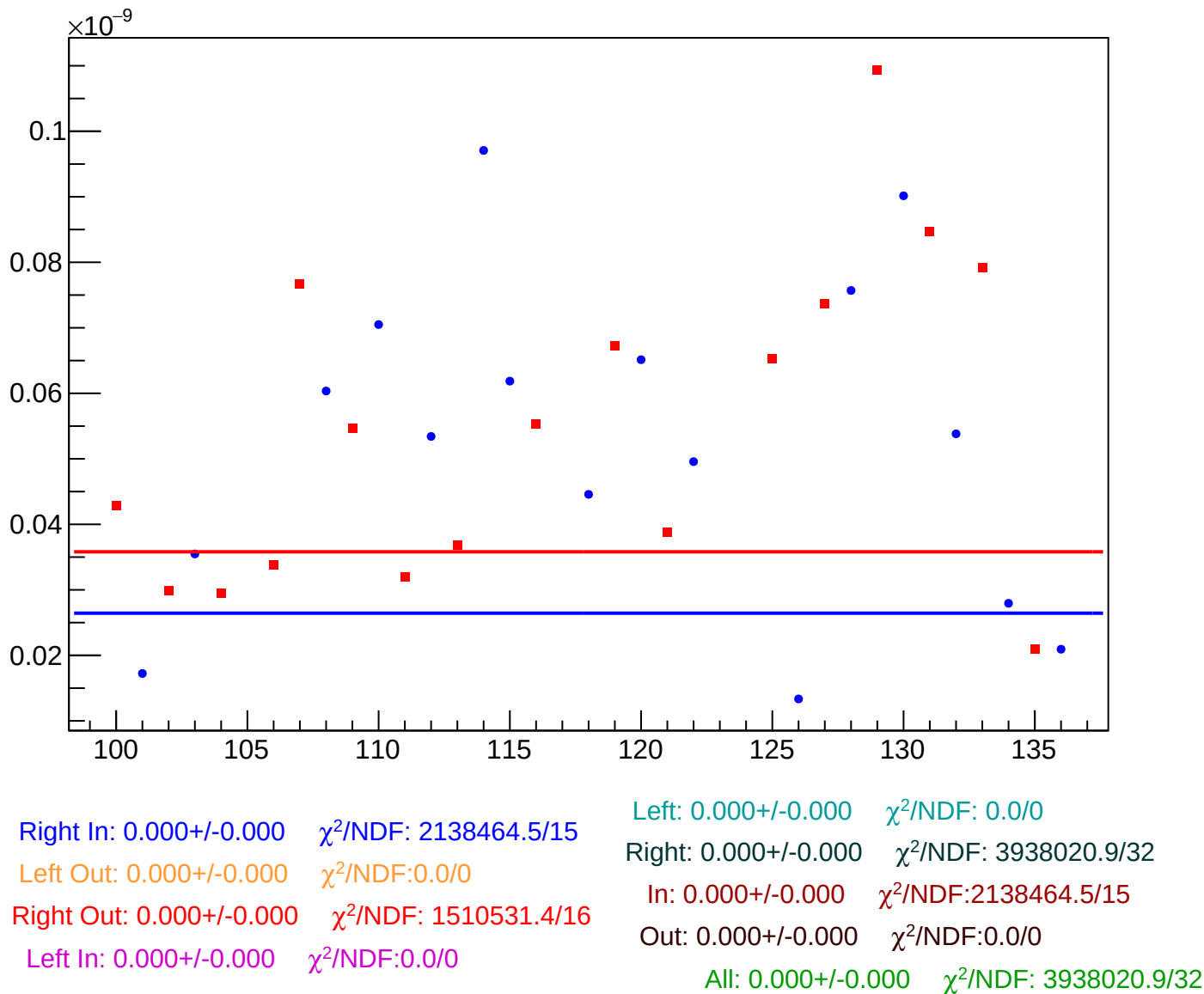
Right: -0.000+/-0.000 χ^2/NDF : 32.0/32

In: -0.000+/-0.000 χ^2/NDF : 8.5/15

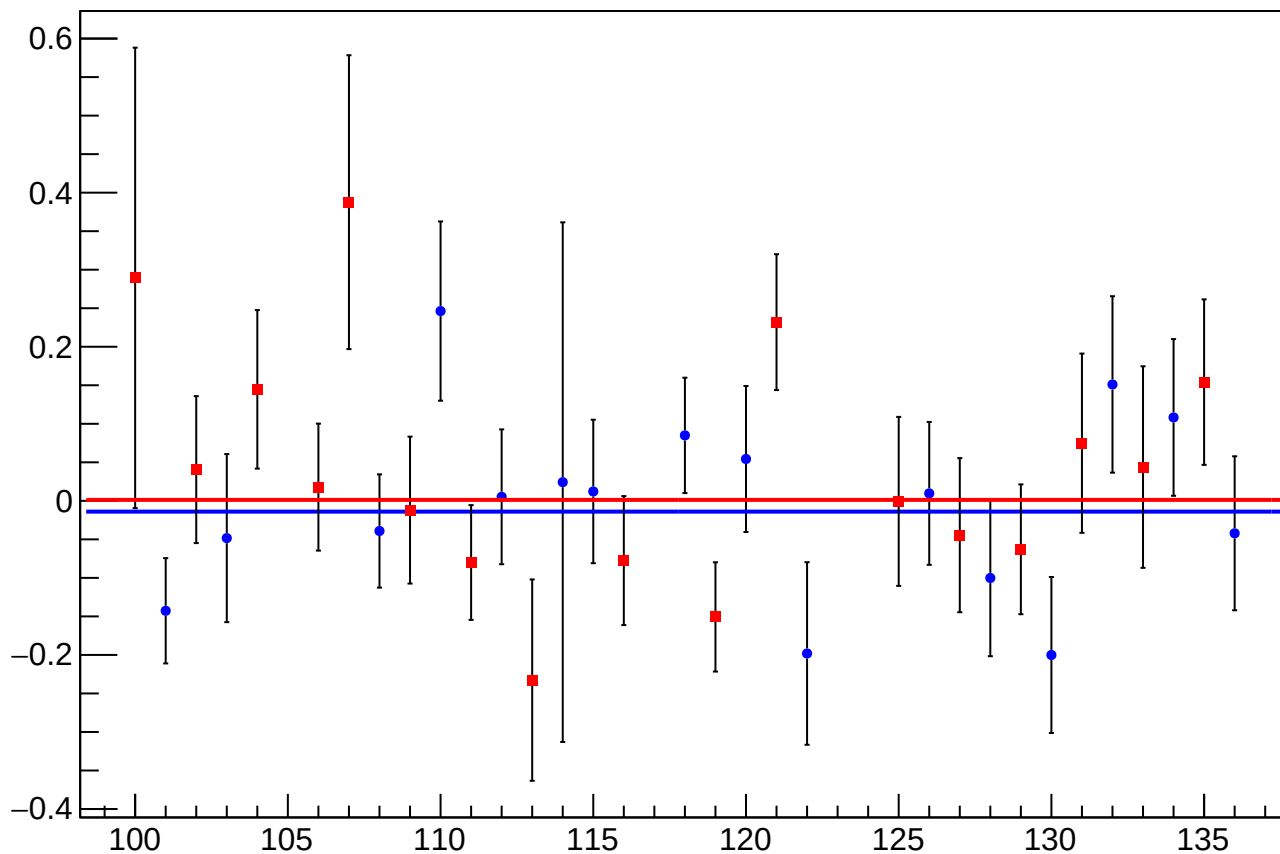
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.0/32

asym_us_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



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: 0.001+/-0.024 χ^2/NDF : 27.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

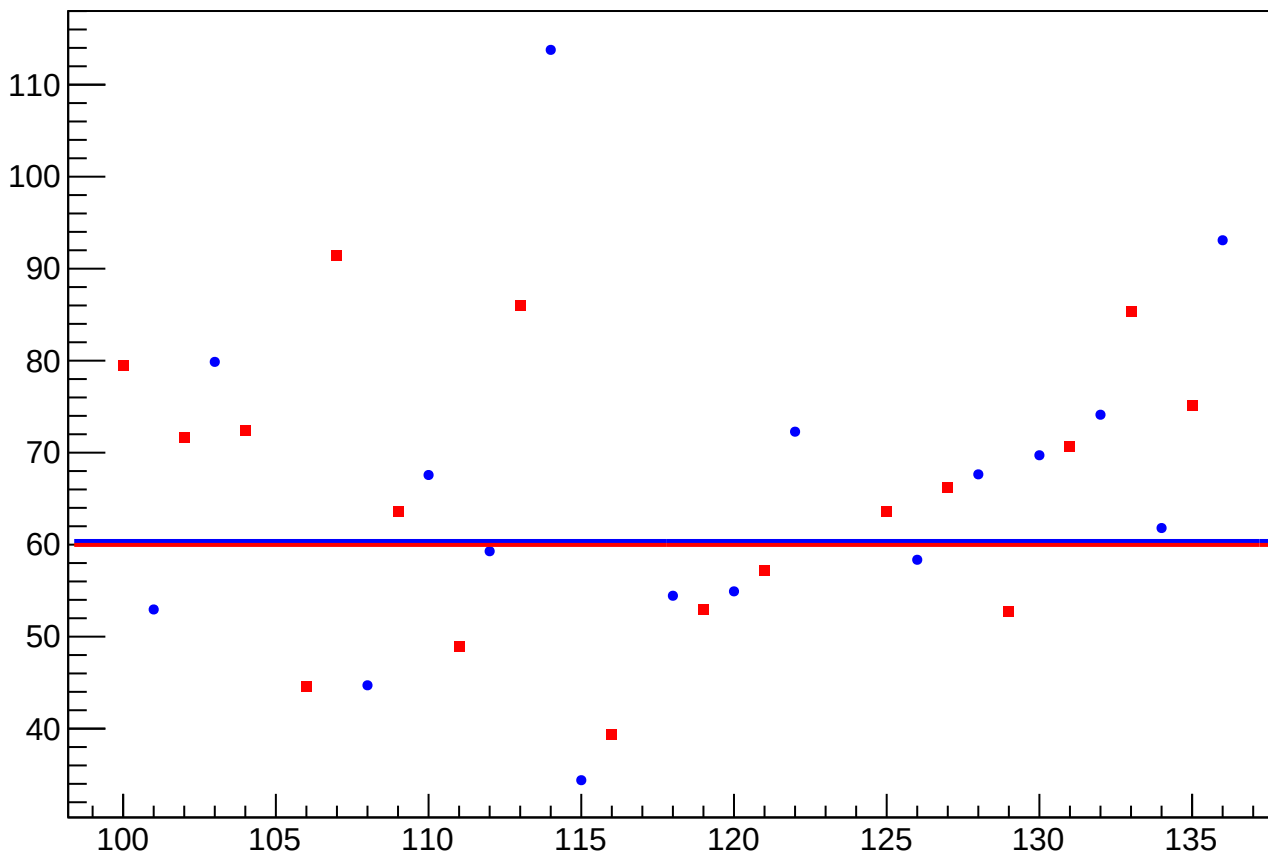
Right: -0.006+/-0.017 χ^2/NDF : 48.8/32

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 : 48.8/32

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: 59.972+/-0.017 χ^2/NDF : 617255.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

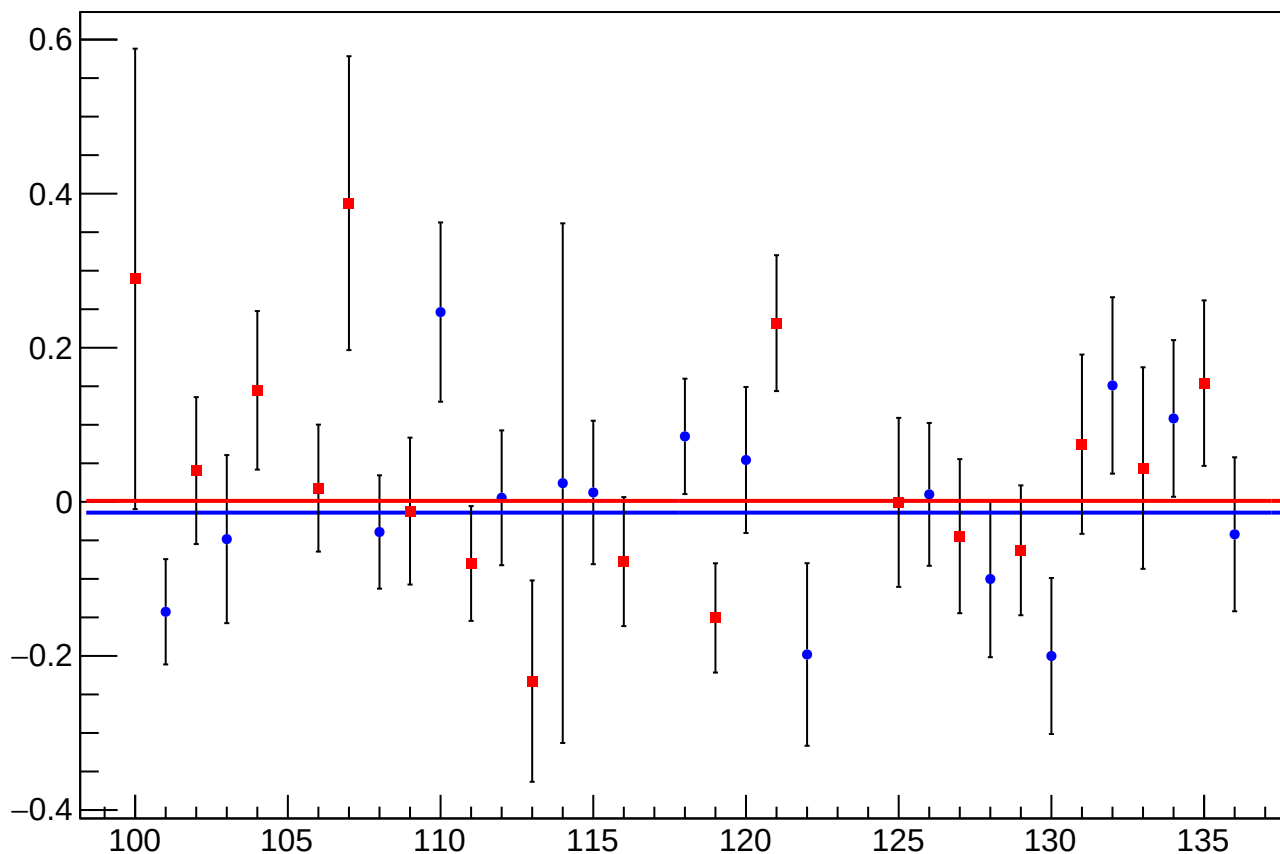
Right: 60.186+/-0.012 χ^2/NDF : 1320733.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.186+/-0.012 χ^2/NDF : 1320733.7/32

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: 0.001+/-0.024 χ^2/NDF : 27.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

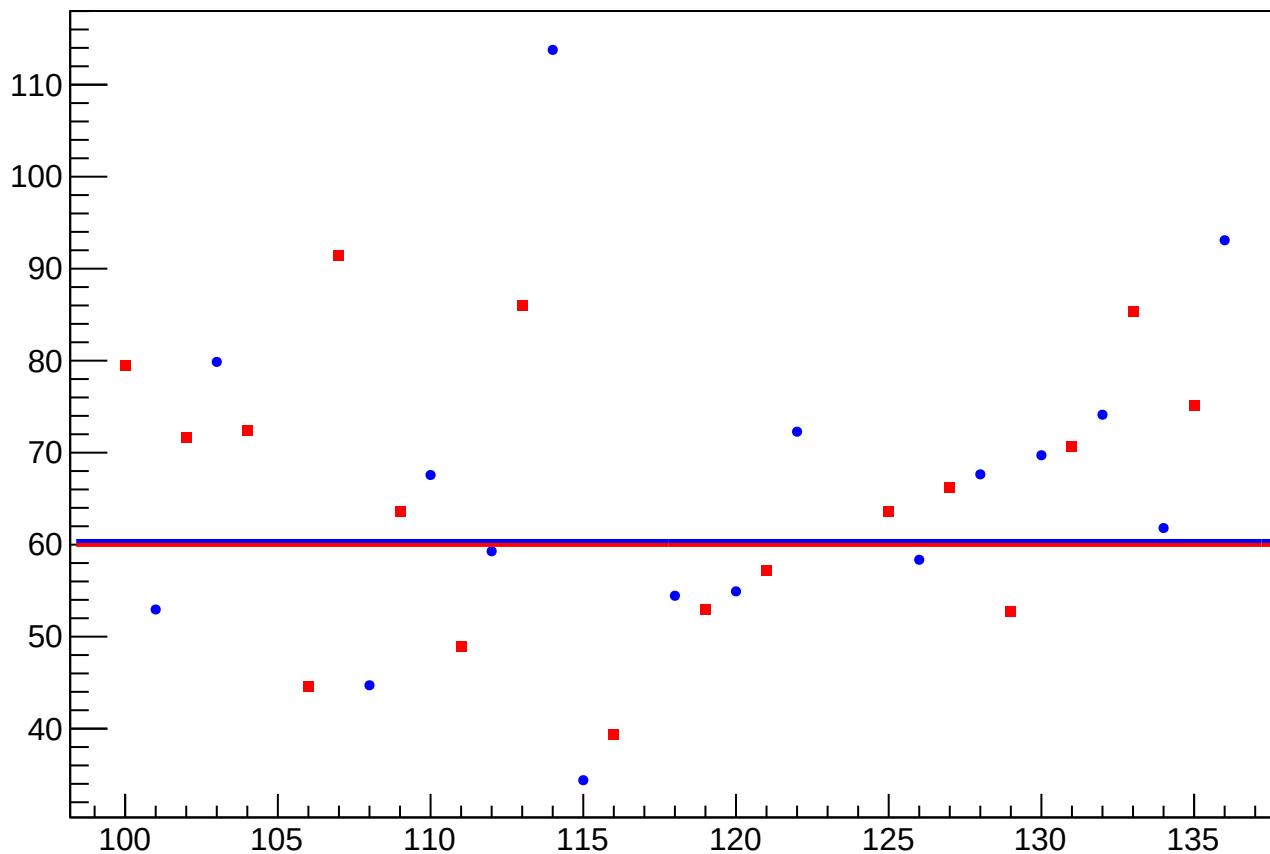
Right: -0.006+/-0.017 χ^2/NDF : 48.8/32

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 : 48.8/32

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: 59.972+/-0.017 χ^2/NDF : 617255.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

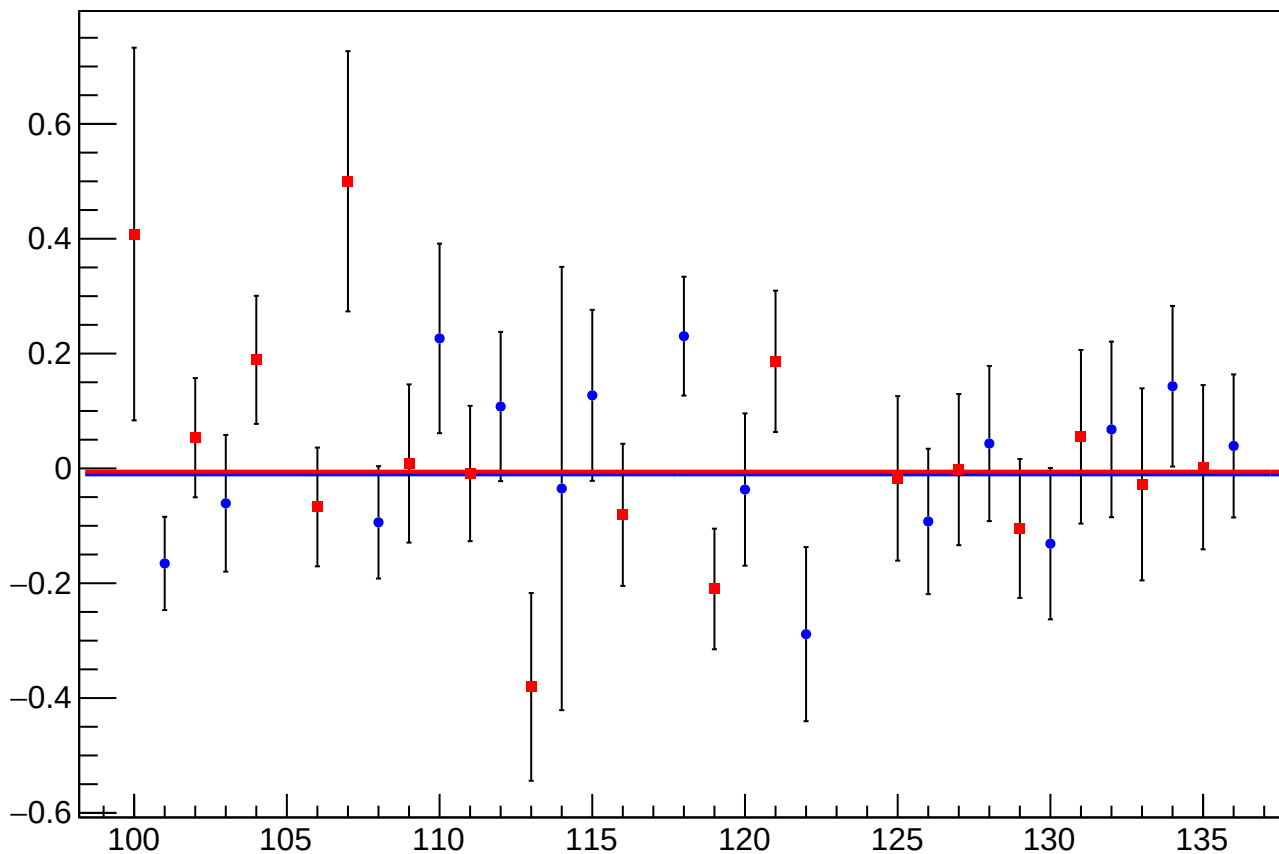
Right: 60.186+/-0.012 χ^2/NDF : 1320733.7/32

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

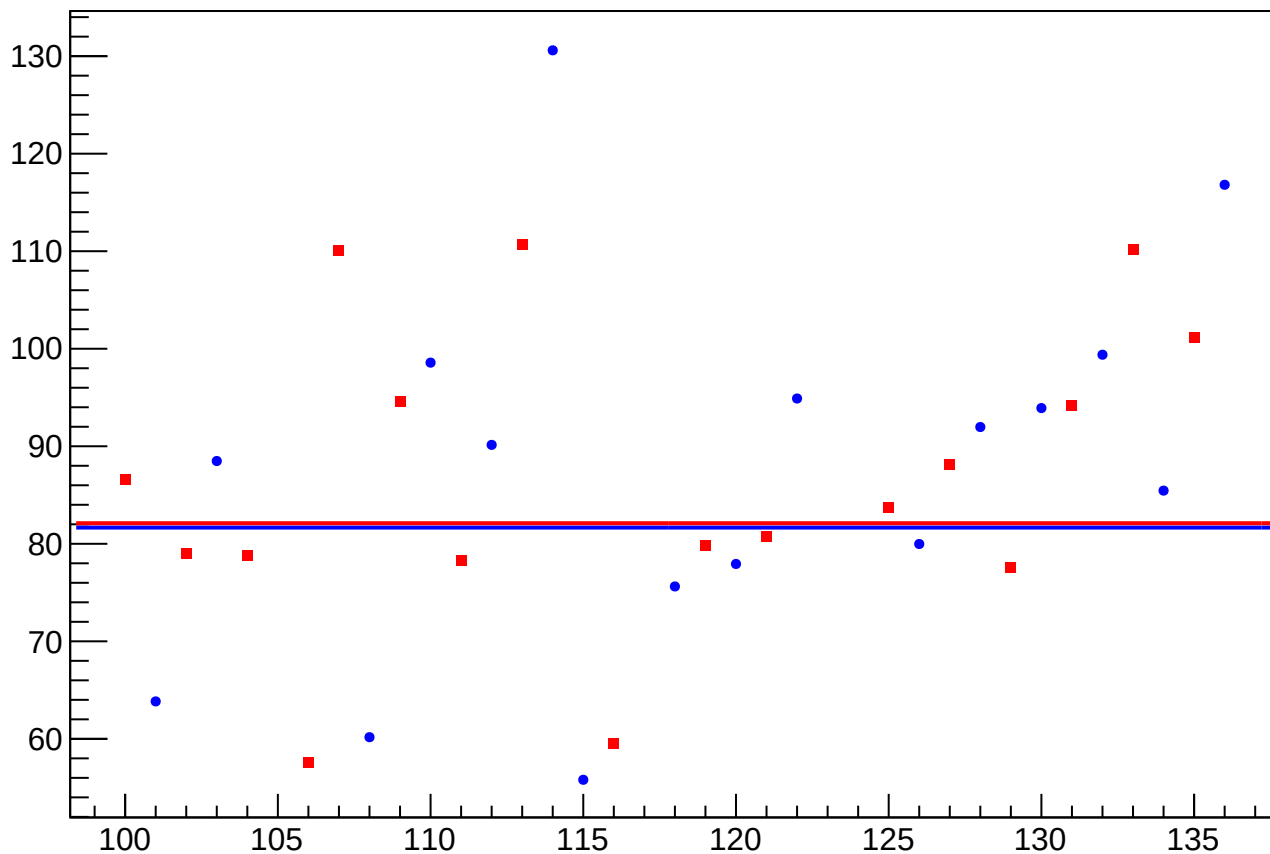
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.186+/-0.012 χ^2/NDF : 1320733.7/32

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



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: 82.110+/-0.023 χ^2/NDF : 405783.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

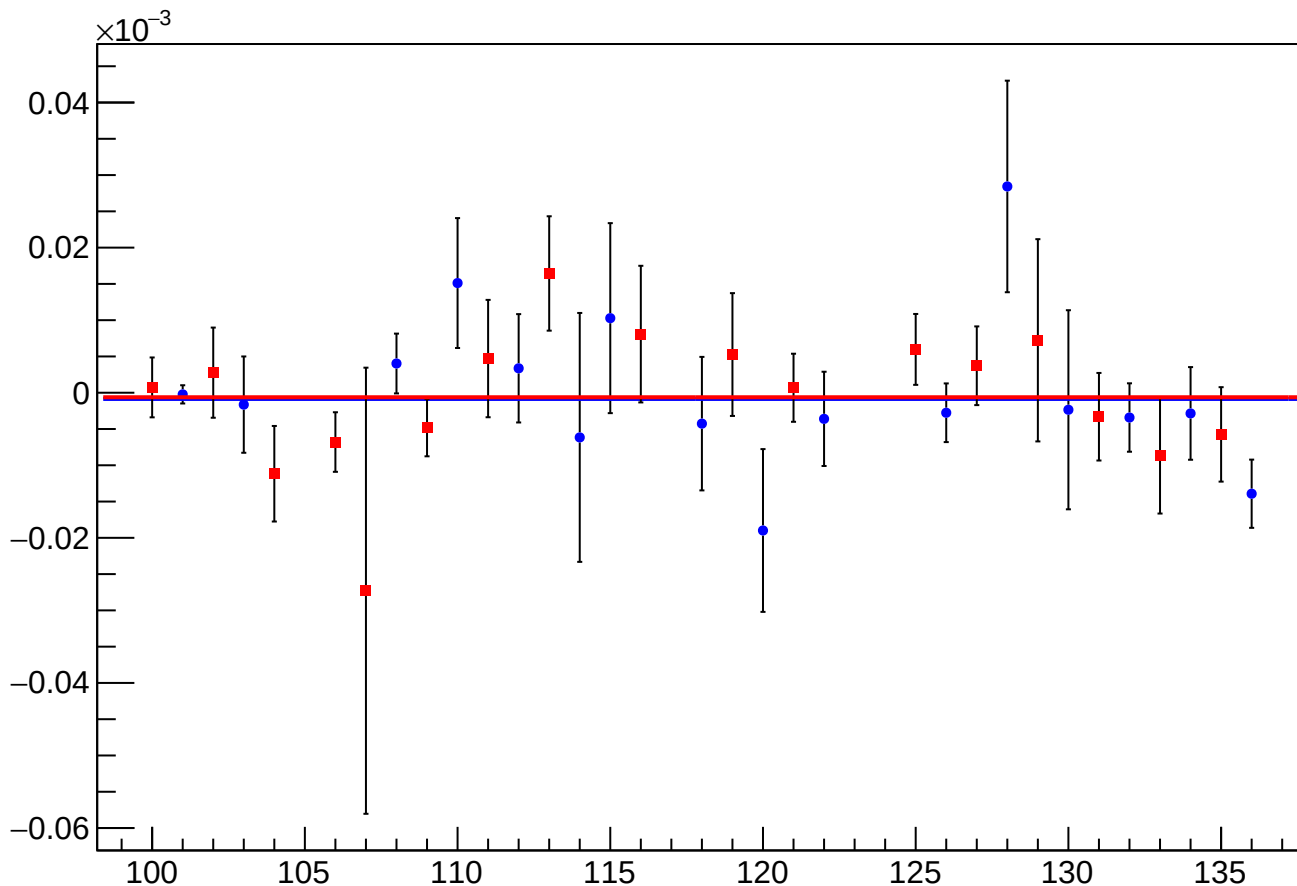
Right: 81.885+/-0.016 χ^2/NDF : 967830.2/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.885+/-0.016 χ^2/NDF : 967830.2/32

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 : 18.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

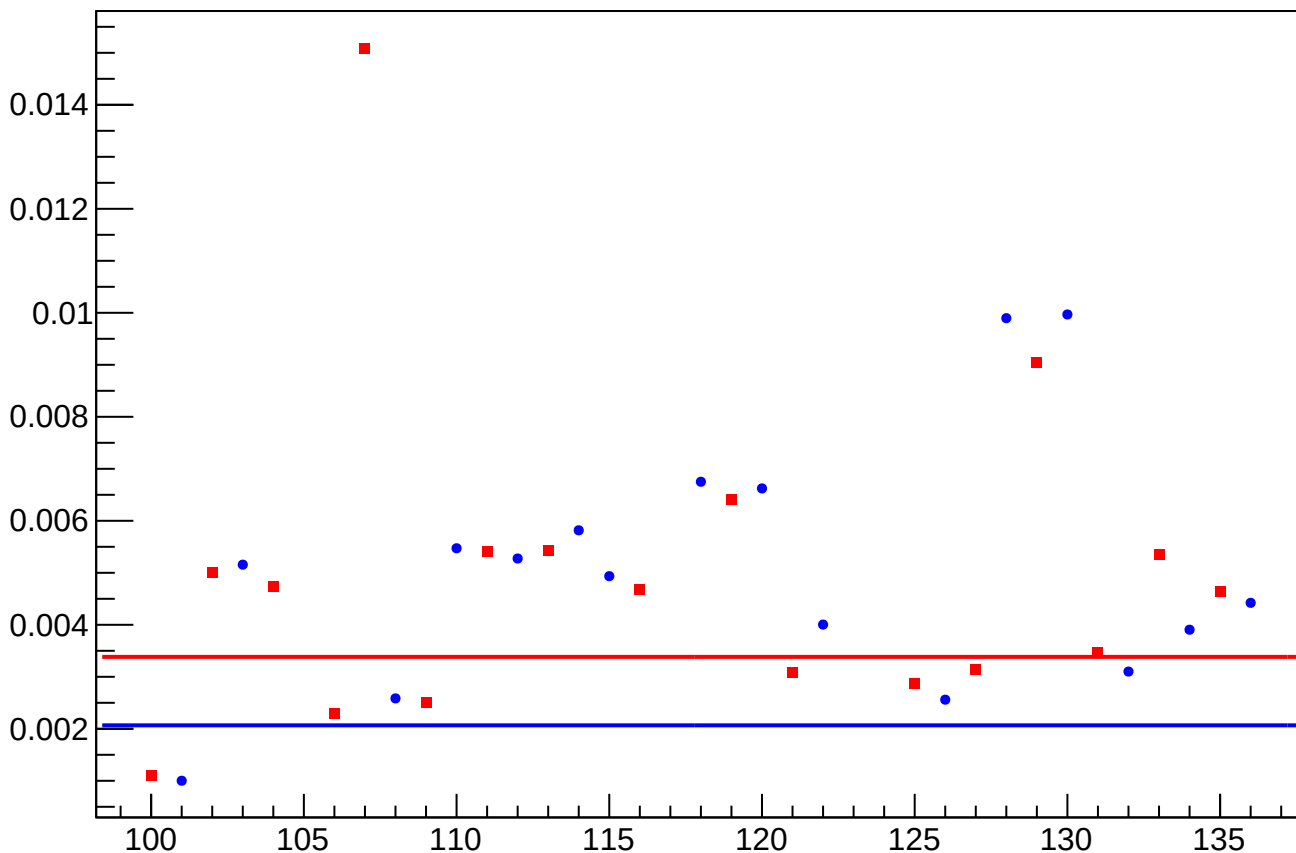
Right: -0.000+/-0.000 χ^2/NDF : 39.6/32

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 : 39.6/32

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 : 2471037.7/16

Left 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 : 9405449.7/32

In: 0.002+/-0.000

χ^2/NDF : 5813338.1/15

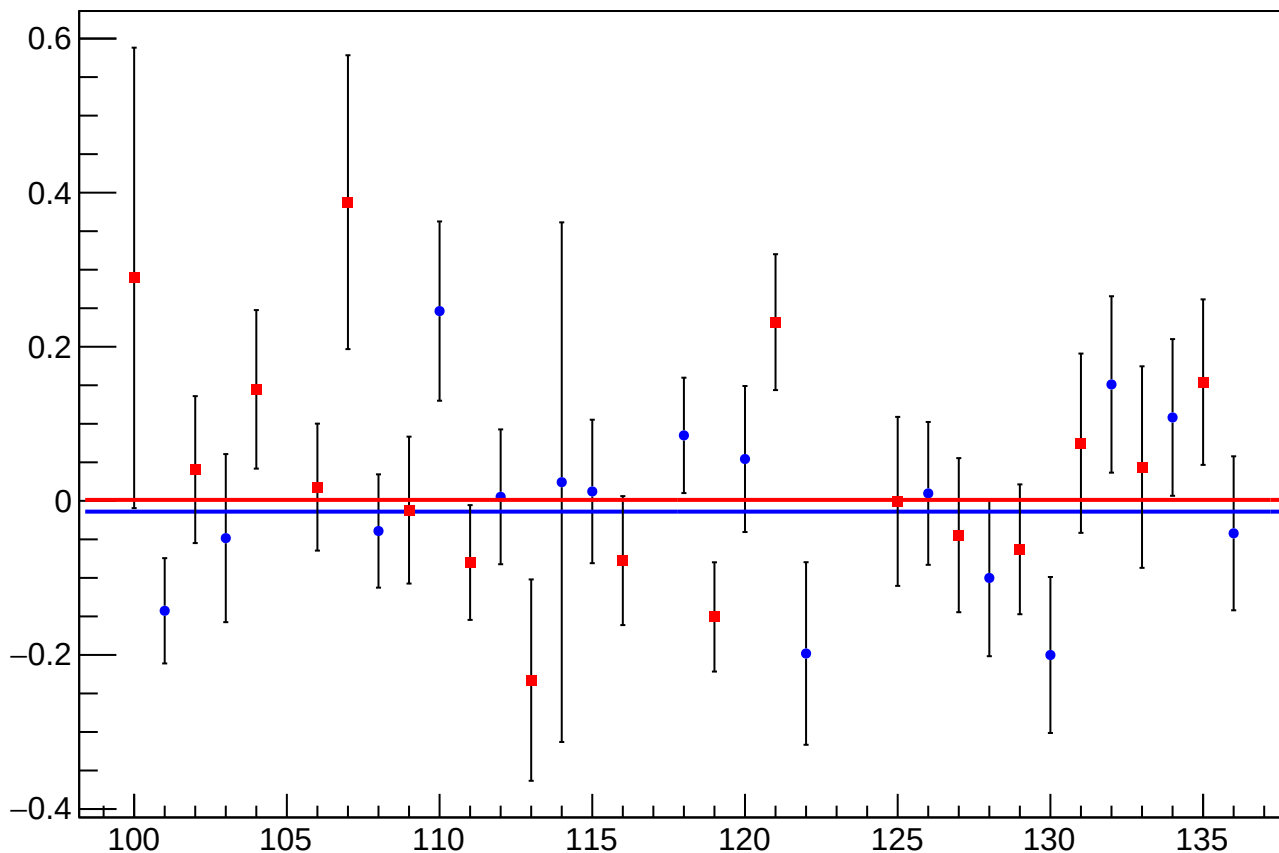
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 9405449.7/32

asym_us_avg_eigen_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: 0.001+/-0.024 χ^2/NDF : 27.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

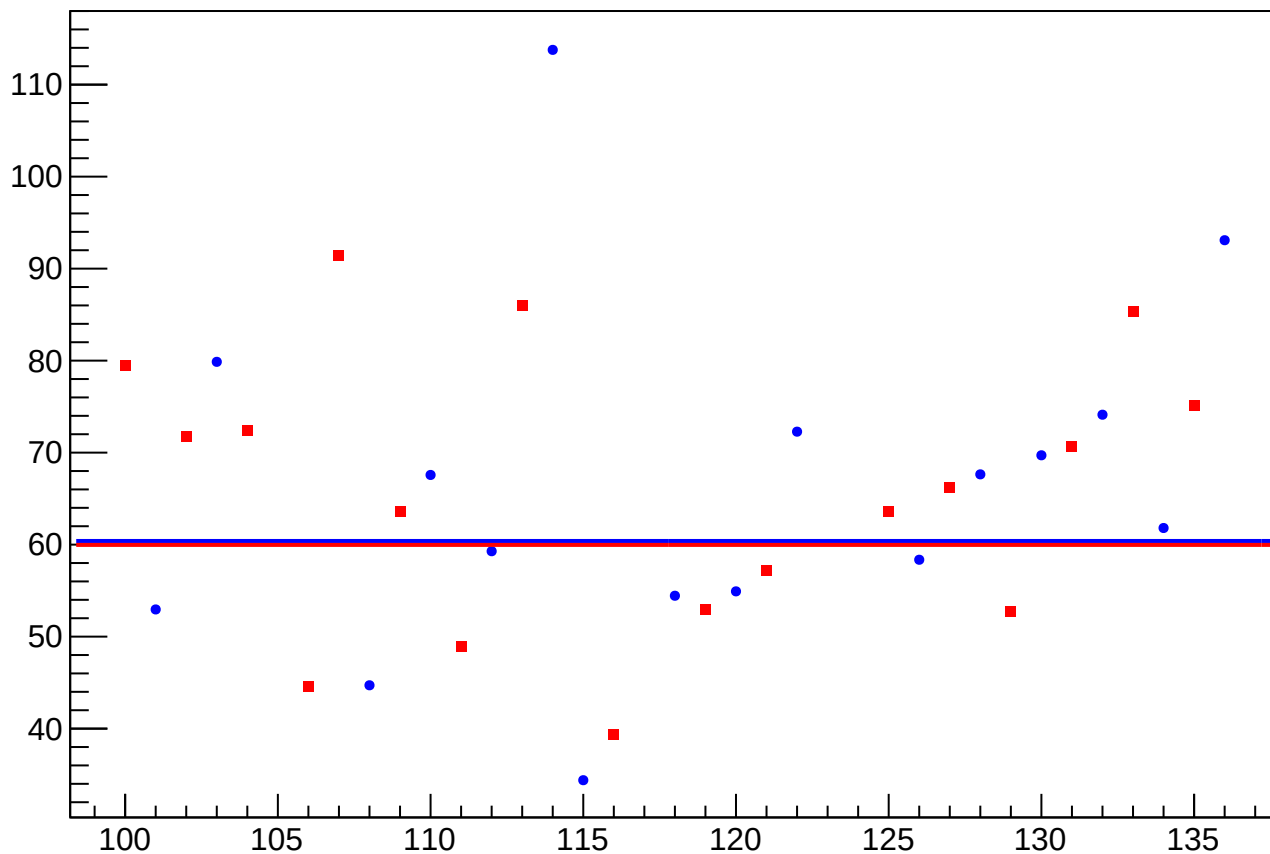
Right: -0.006+/-0.017 χ^2/NDF : 48.8/32

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 : 48.8/32

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: 59.970+/-0.017 χ^2/NDF : 617281.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

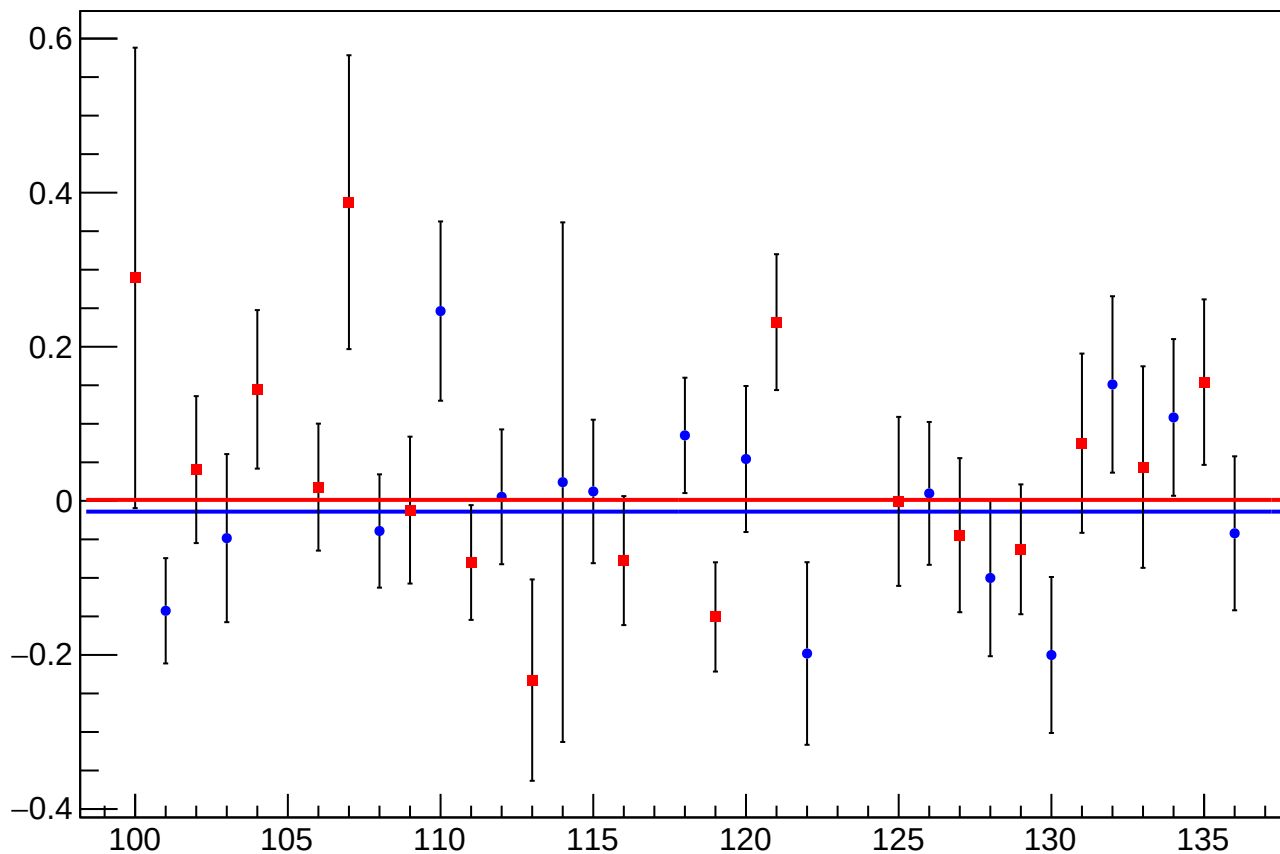
Right: 60.184+/-0.012 χ^2/NDF : 1320771.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.184+/-0.012 χ^2/NDF : 1320771.5/32

asym_us_avg_eigen_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: 0.001+/-0.024 χ^2/NDF : 27.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

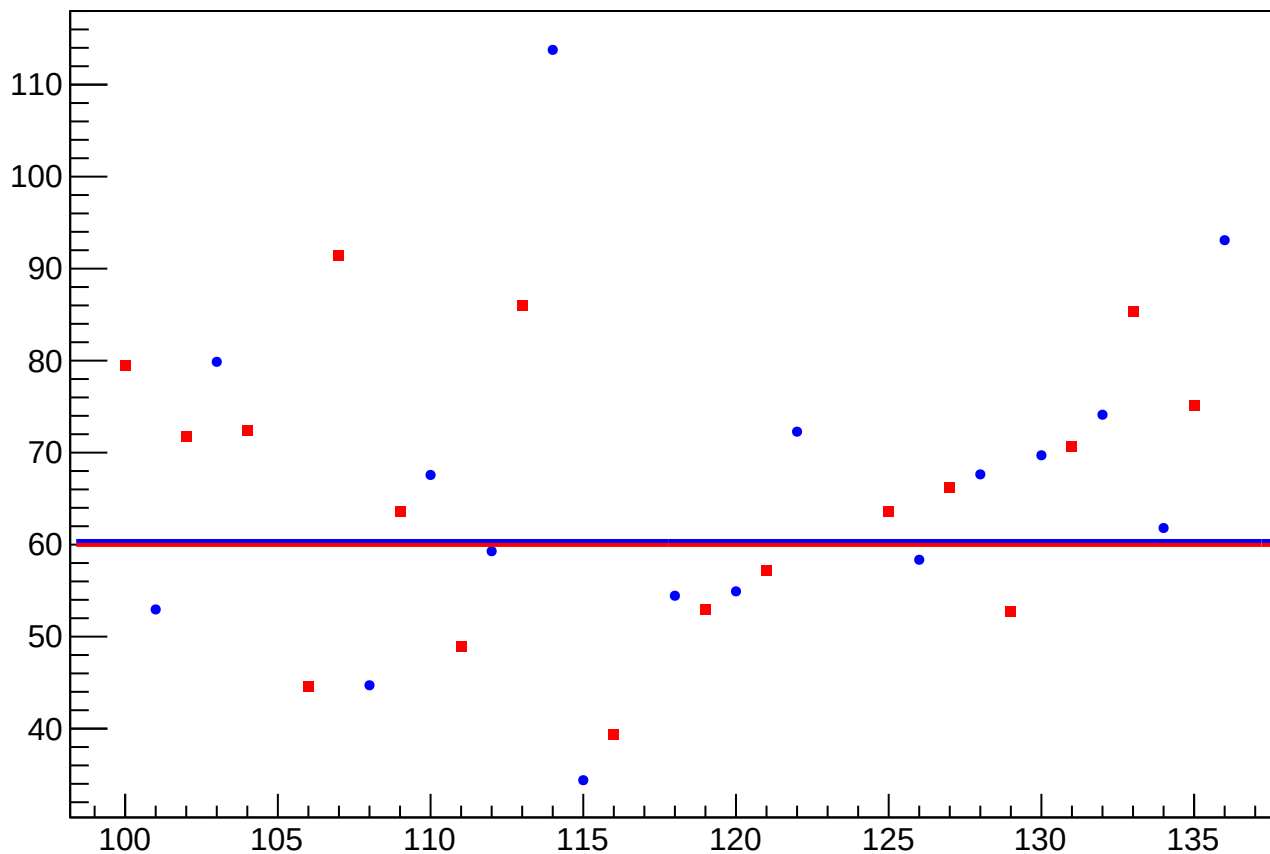
Right: -0.006+/-0.017 χ^2/NDF : 48.8/32

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 : 48.8/32

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: 59.970+/-0.017 χ^2/NDF : 617281.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

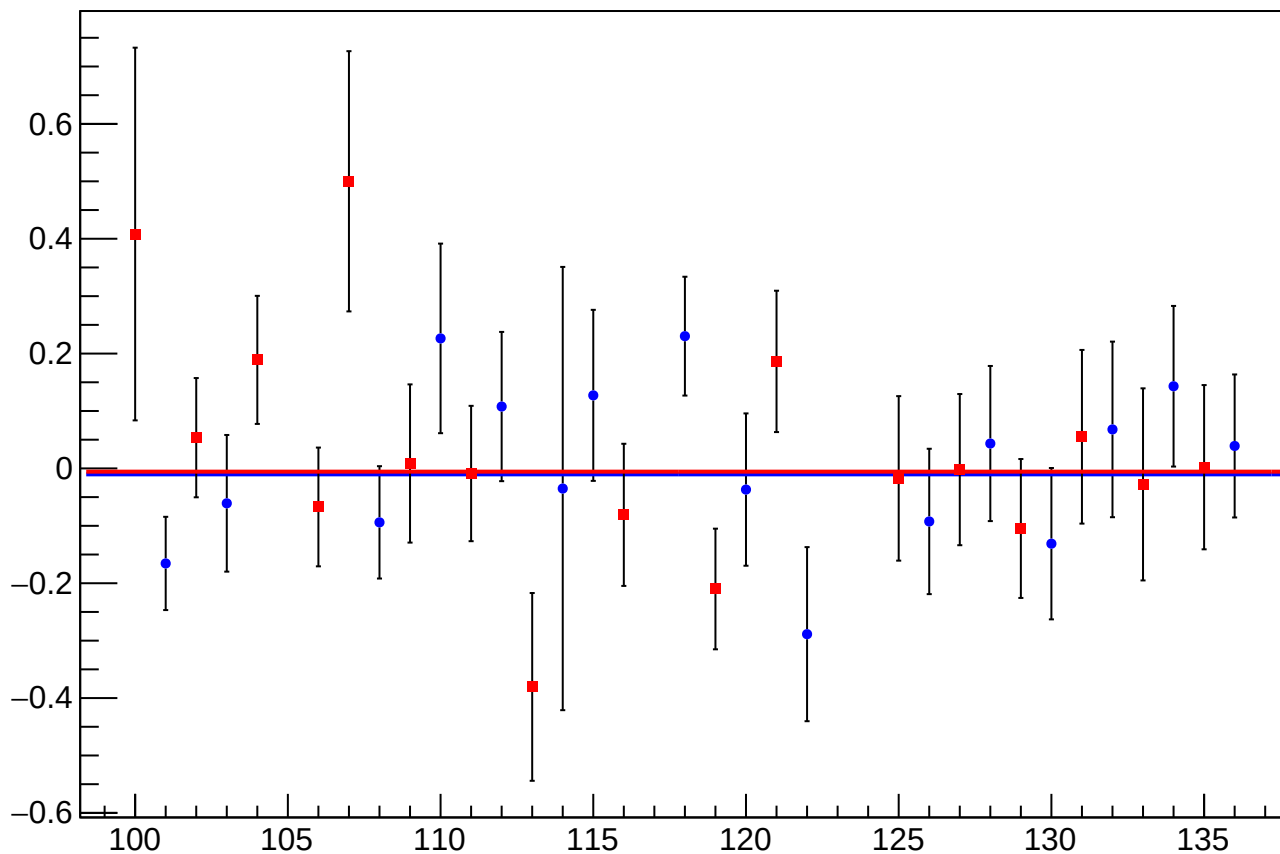
Right: 60.184+/-0.012 χ^2/NDF : 1320771.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.184+/-0.012 χ^2/NDF : 1320771.5/32

asym_us_avg_eigen_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: -0.006 ± 0.032 χ^2/NDF : 23.0/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

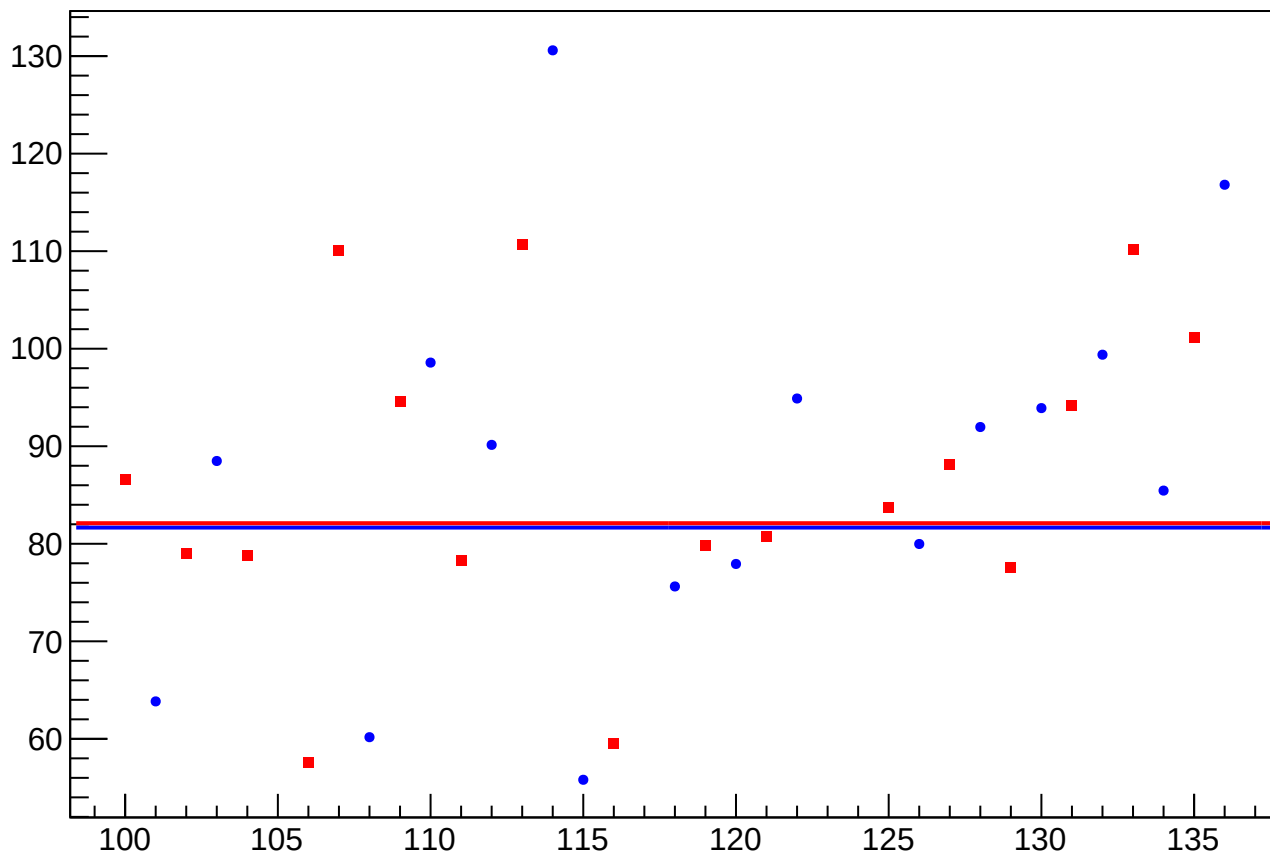
Right: -0.008 ± 0.022 χ^2/NDF : 43.2/32

In: -0.010 ± 0.032 χ^2/NDF : 20.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.008 ± 0.022 χ^2/NDF : 43.2/32

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: 82.109+/-0.023 χ^2/NDF : 405779.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

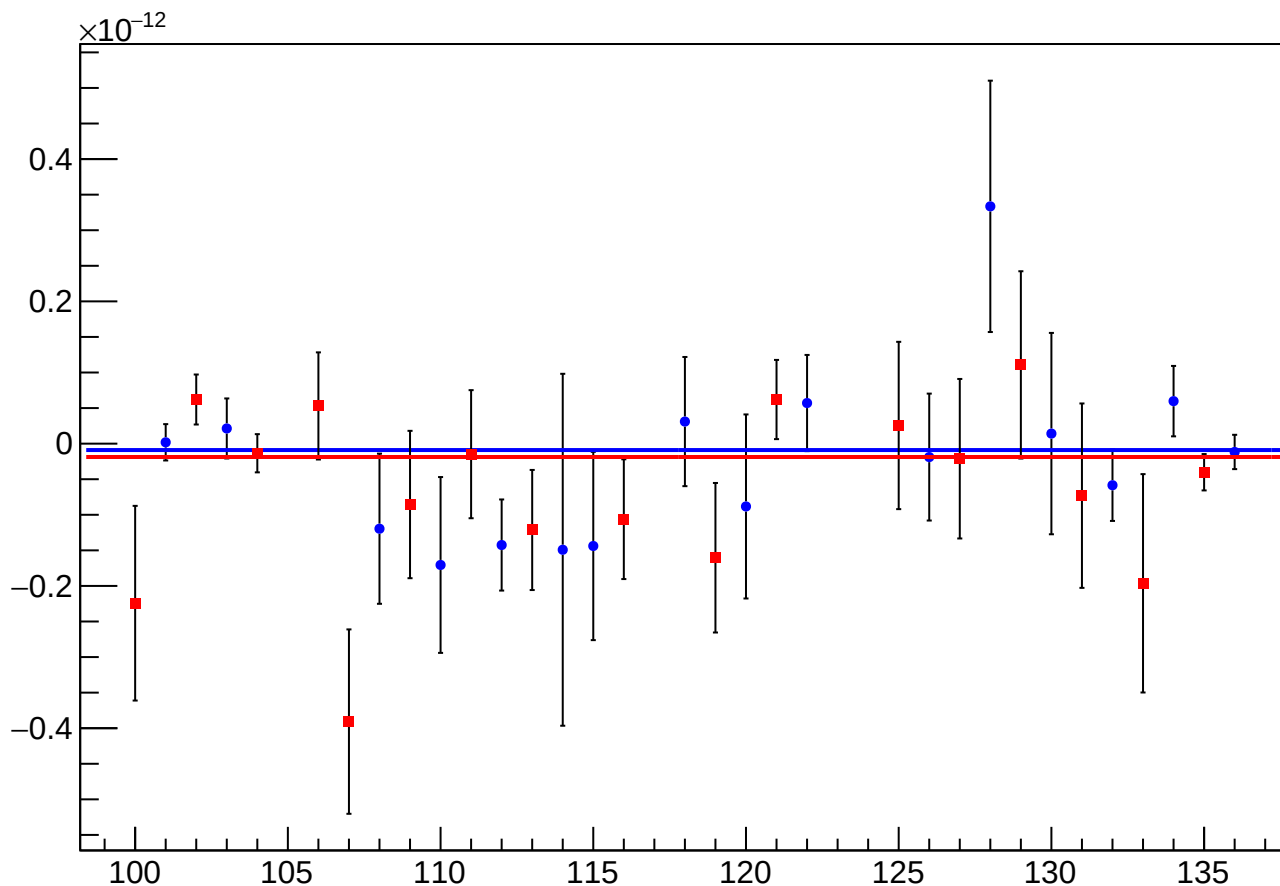
Right: 81.884+/-0.016 χ^2/NDF : 967812.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 81.884+/-0.016 χ^2/NDF : 967812.9/32

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 : 26.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

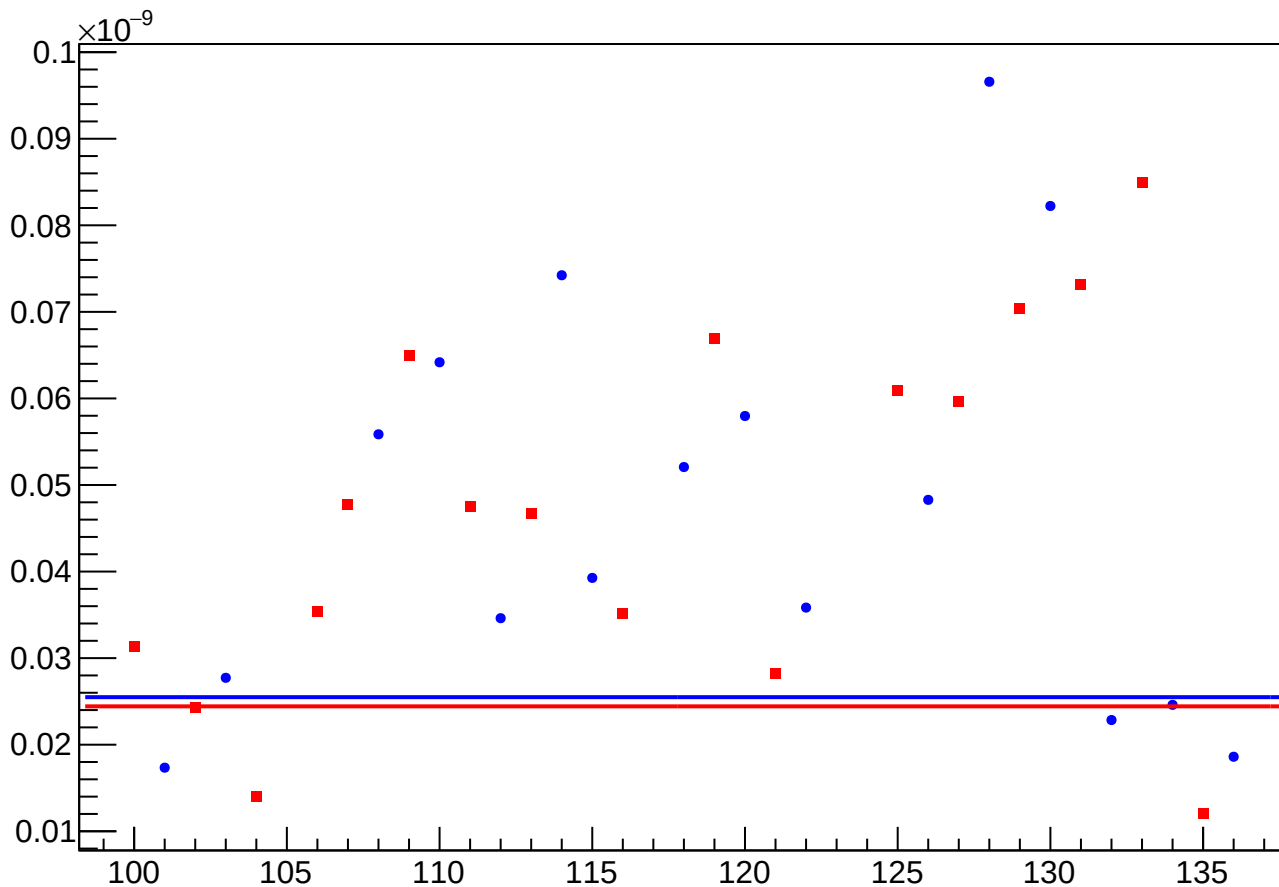
Right: -0.000+/-0.000 χ^2/NDF : 44.7/32

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 : 44.7/32

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 : 3058034.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

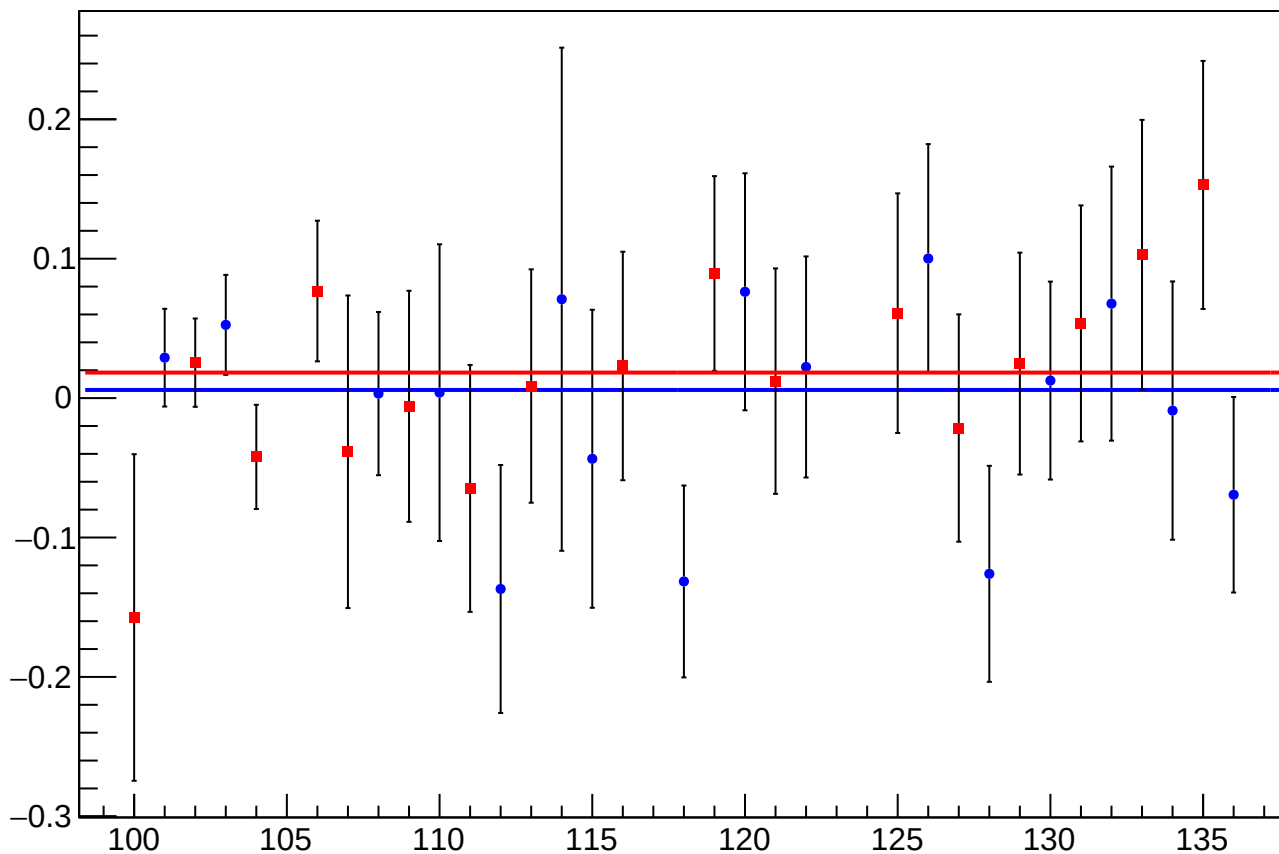
Right: 0.000+/-0.000 χ^2/NDF : 5064039.3/32

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 : 5064039.3/32

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: 12.3/16

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

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

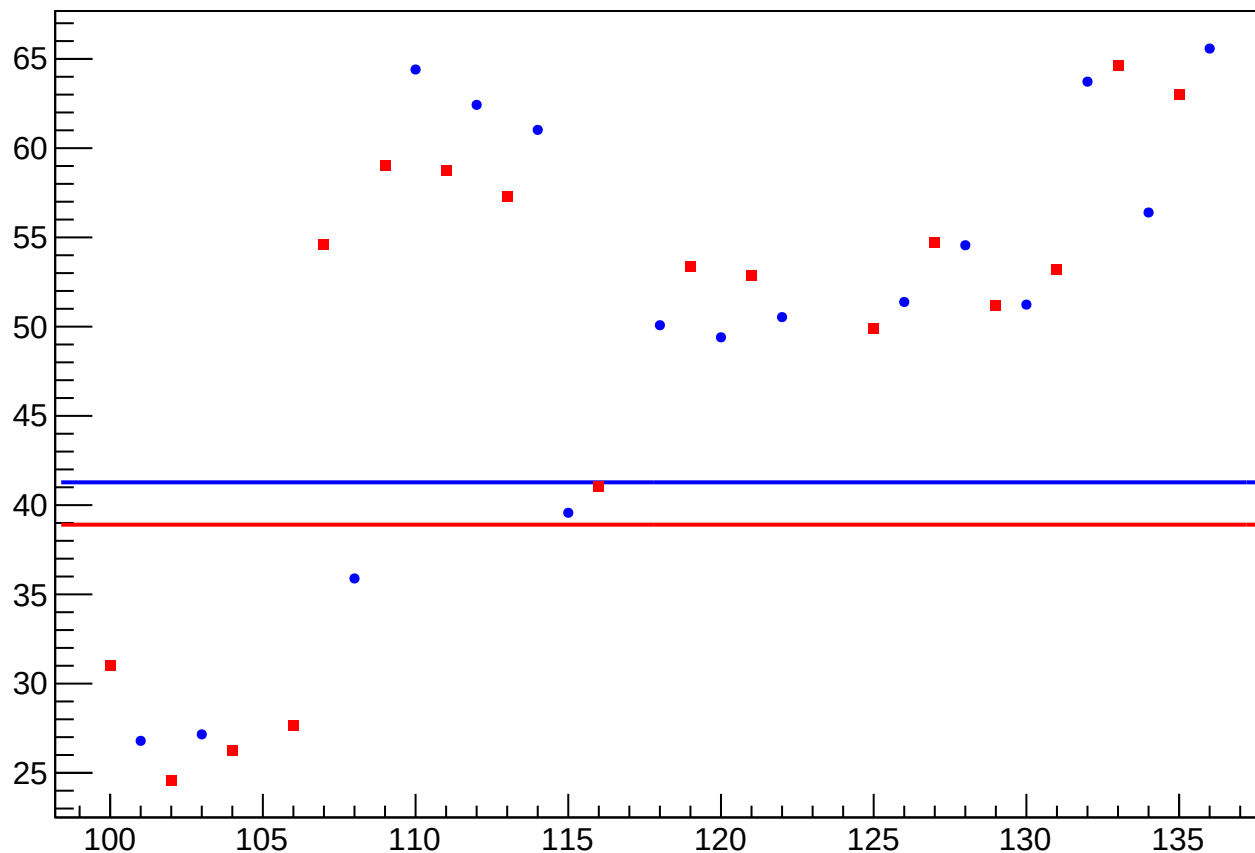
Right: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.1/32

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: 28.1/32

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: 38.905+/-0.011 χ^2/NDF : 1748065.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

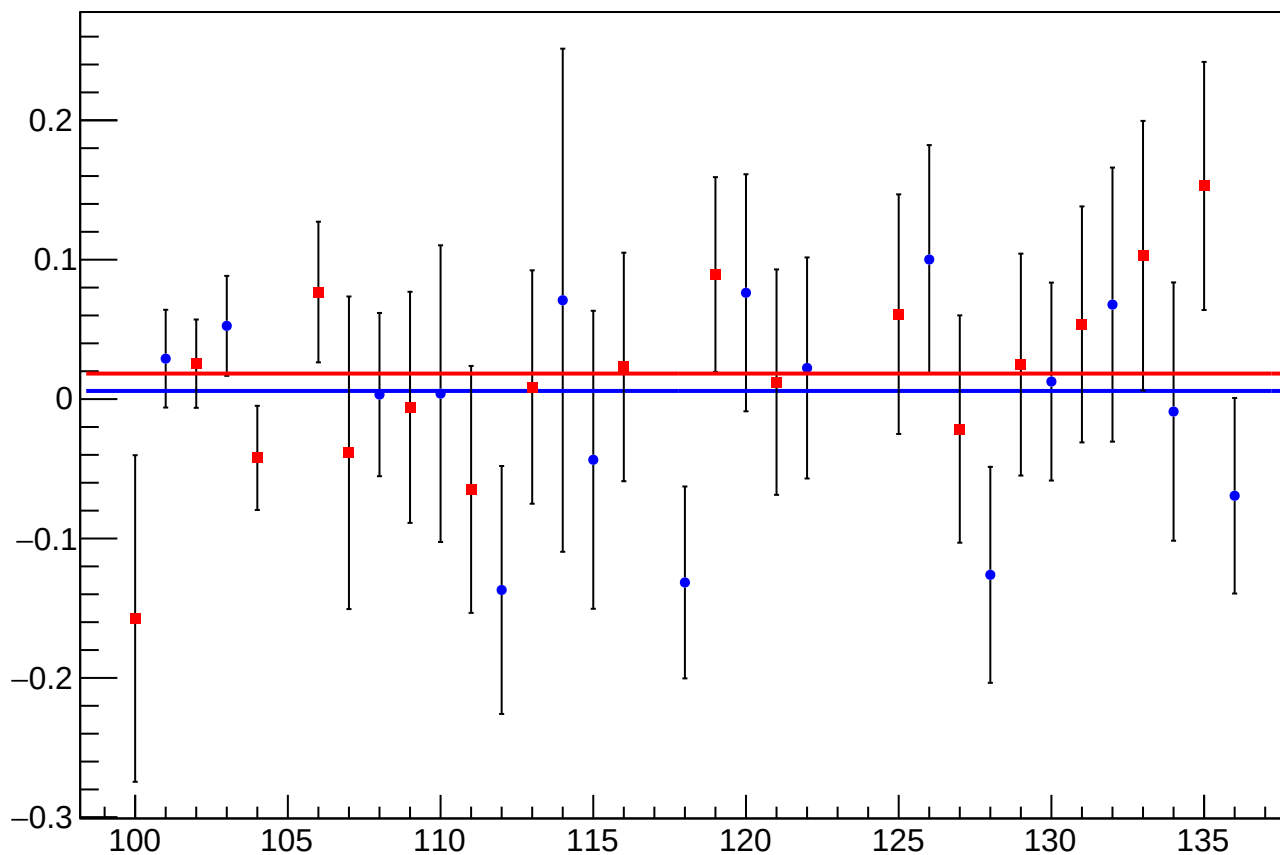
Right: 40.039+/-0.008 χ^2/NDF : 3274814.6/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 40.039+/-0.008 χ^2/NDF : 3274814.6/32

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: 12.3/16

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

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

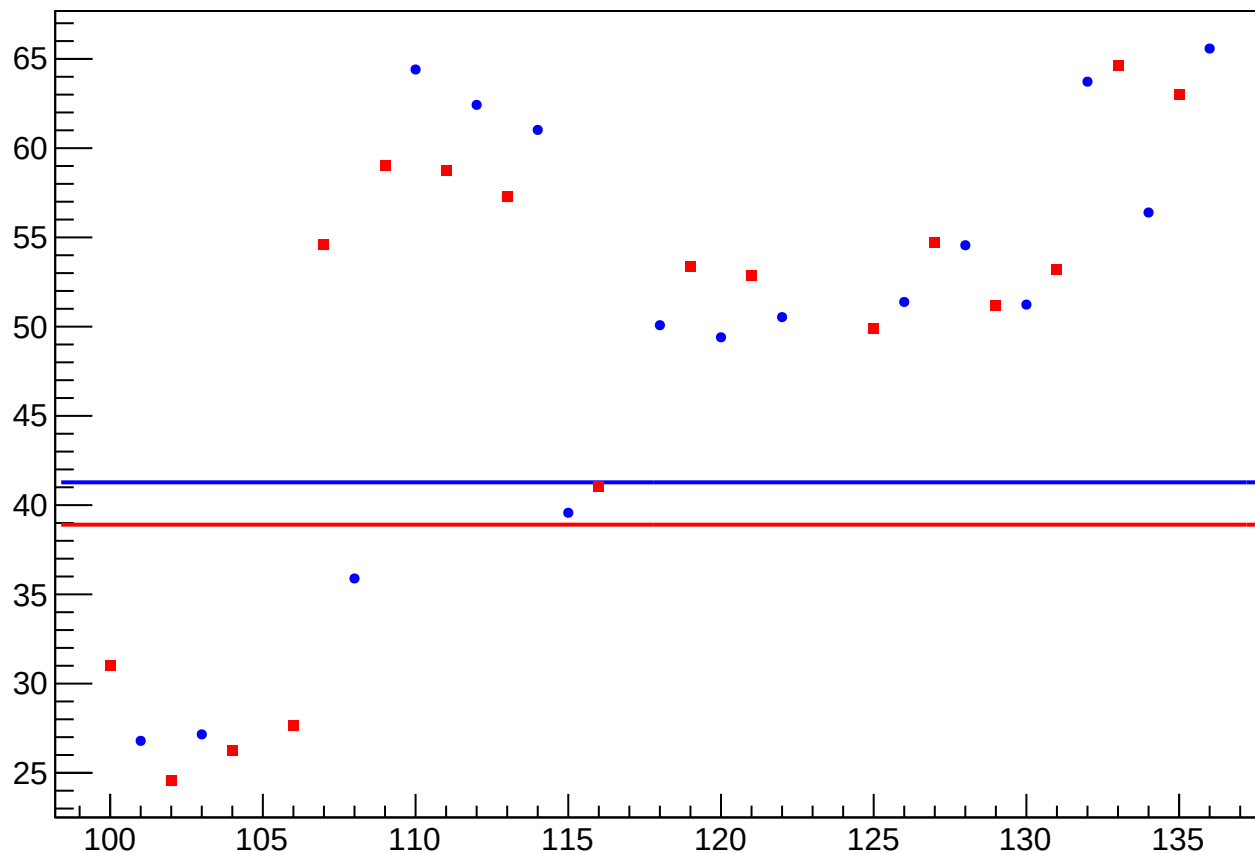
Right: 0.012 $\pm$ 0.011 χ^2 /NDF: 28.1/32

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: 28.1/32

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: 38.905+/-0.011 χ^2/NDF : 1748065.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

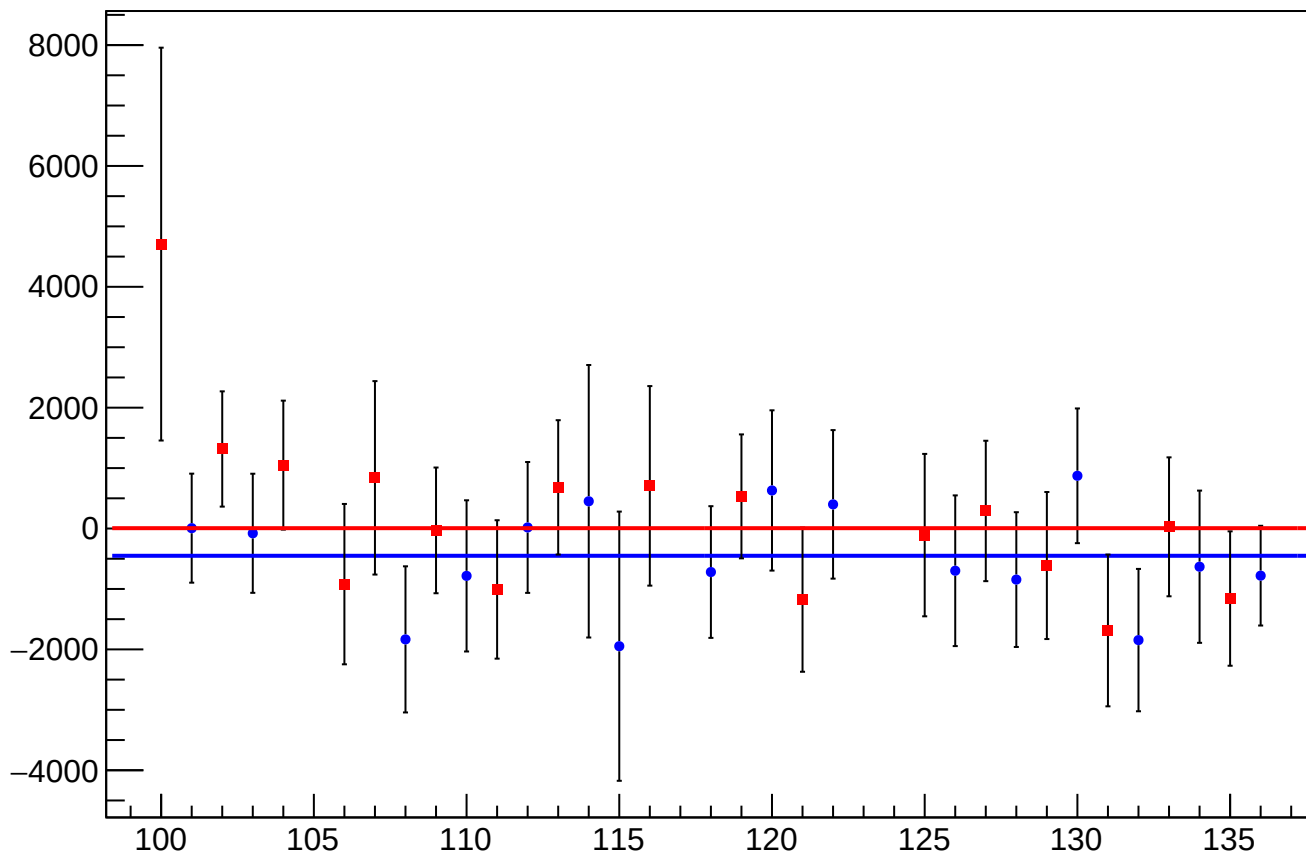
Right: 40.039+/-0.008 χ^2/NDF : 3274814.6/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.039+/-0.008 χ^2/NDF : 3274814.6/32

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: 5.858+/-292.148 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

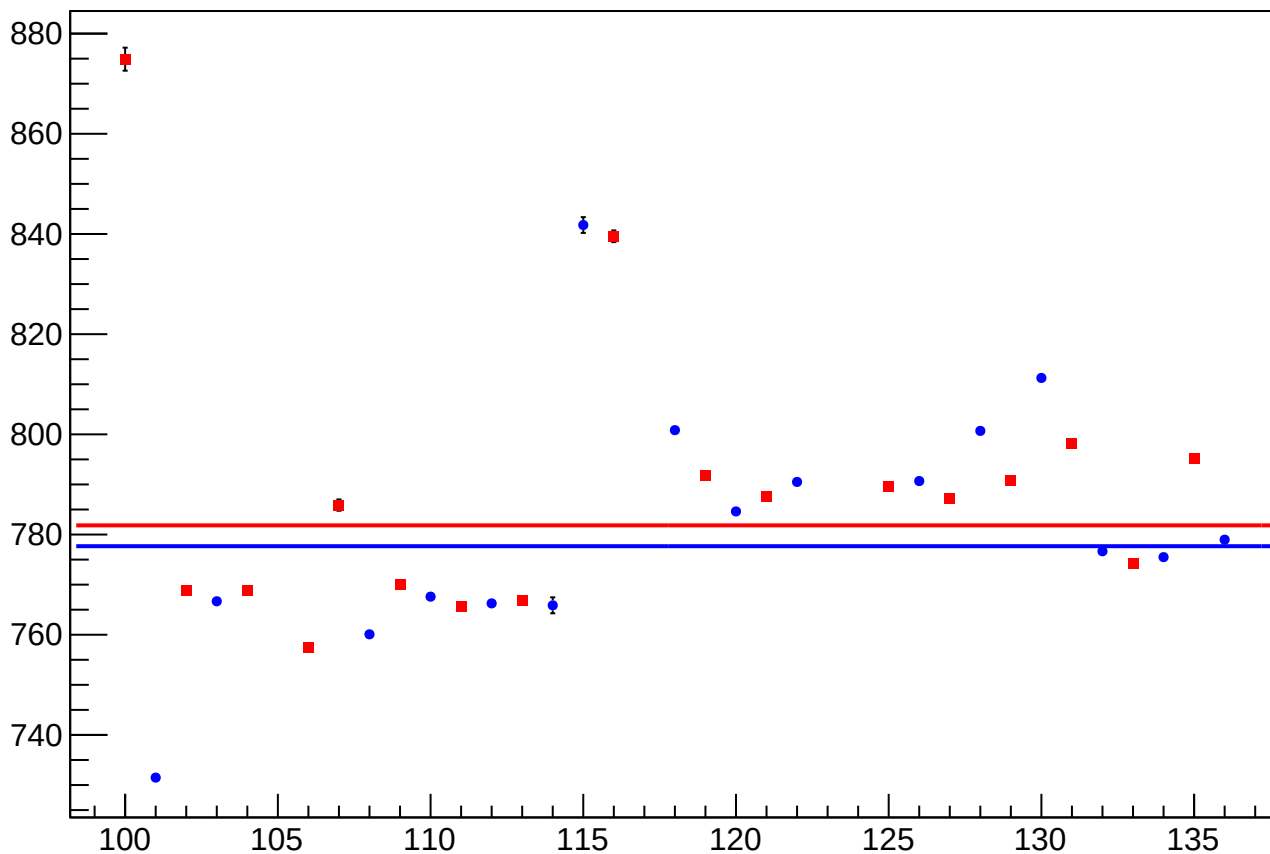
Right: -225.061+/-205.440 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.061+/-205.440 χ^2/NDF : 19.7/32

reg_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: 781.836+/-0.207 χ^2/NDF : 7623.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

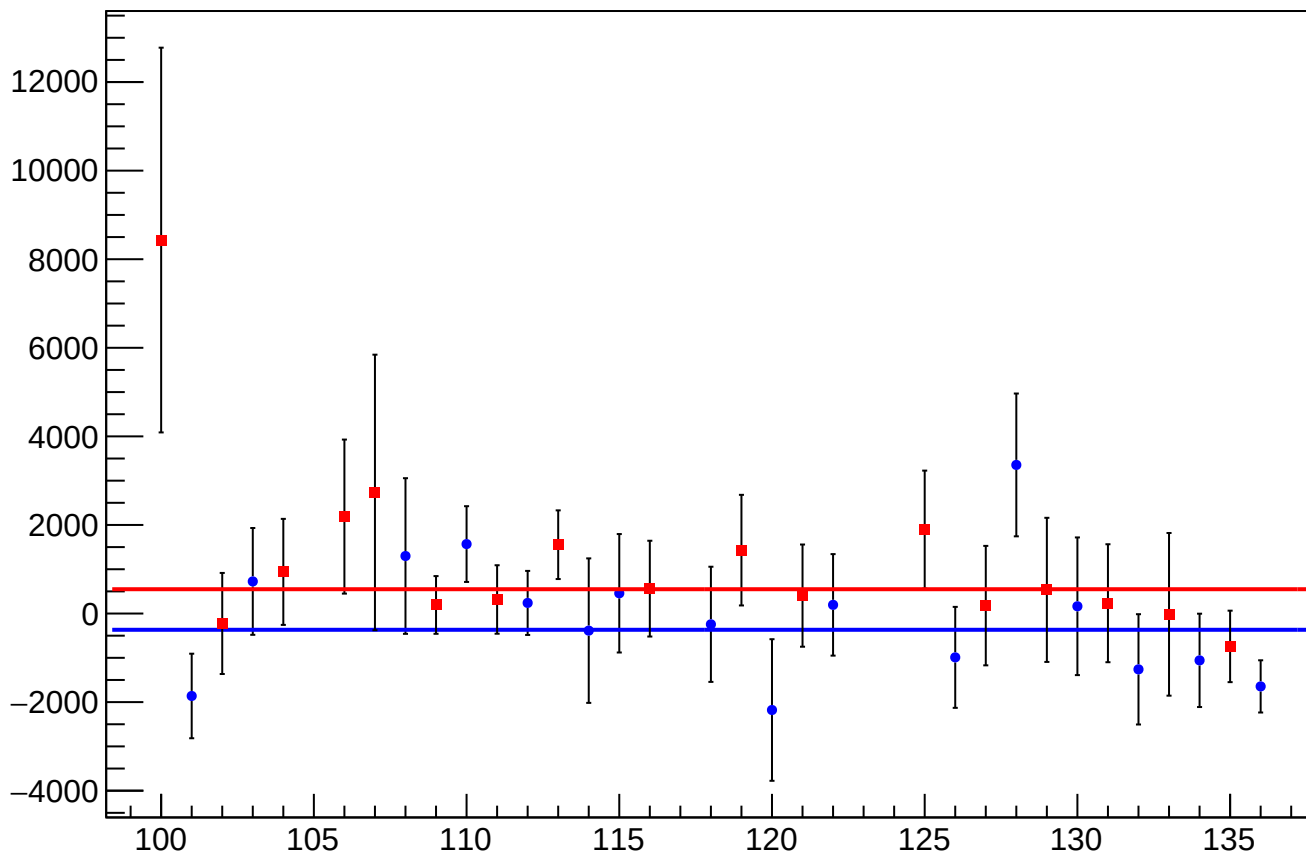
Right: 779.732+/-0.145 χ^2/NDF : 19883.9/32

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+/-0.145 χ^2/NDF : 19883.9/32

asym_us_dd_reg_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: 549.082+/-269.380 χ^2/NDF : 11.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

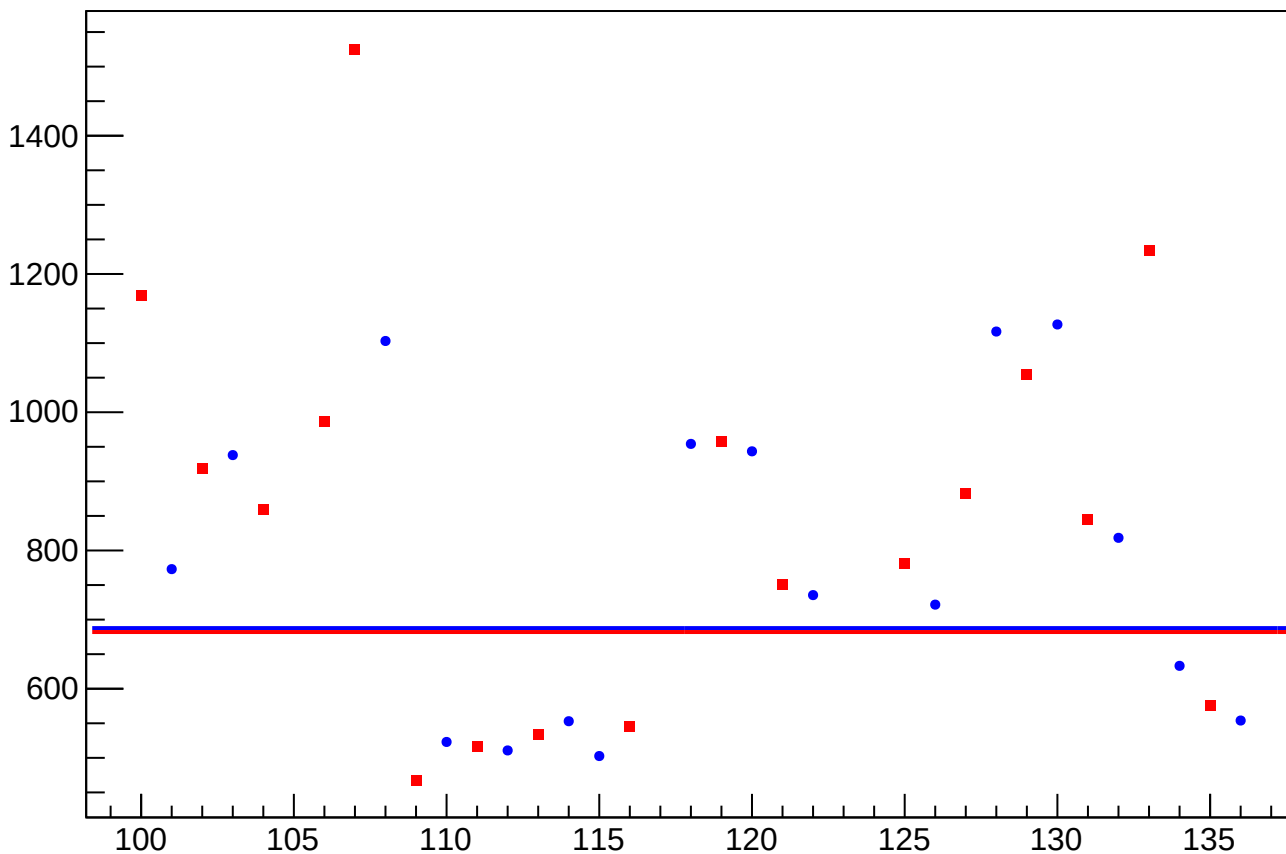
Right: 86.454+/-189.525 χ^2/NDF : 40.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.454+/-189.525 χ^2/NDF : 40.8/32

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: 682.042+/-0.190 χ^2/NDF : 1287469.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

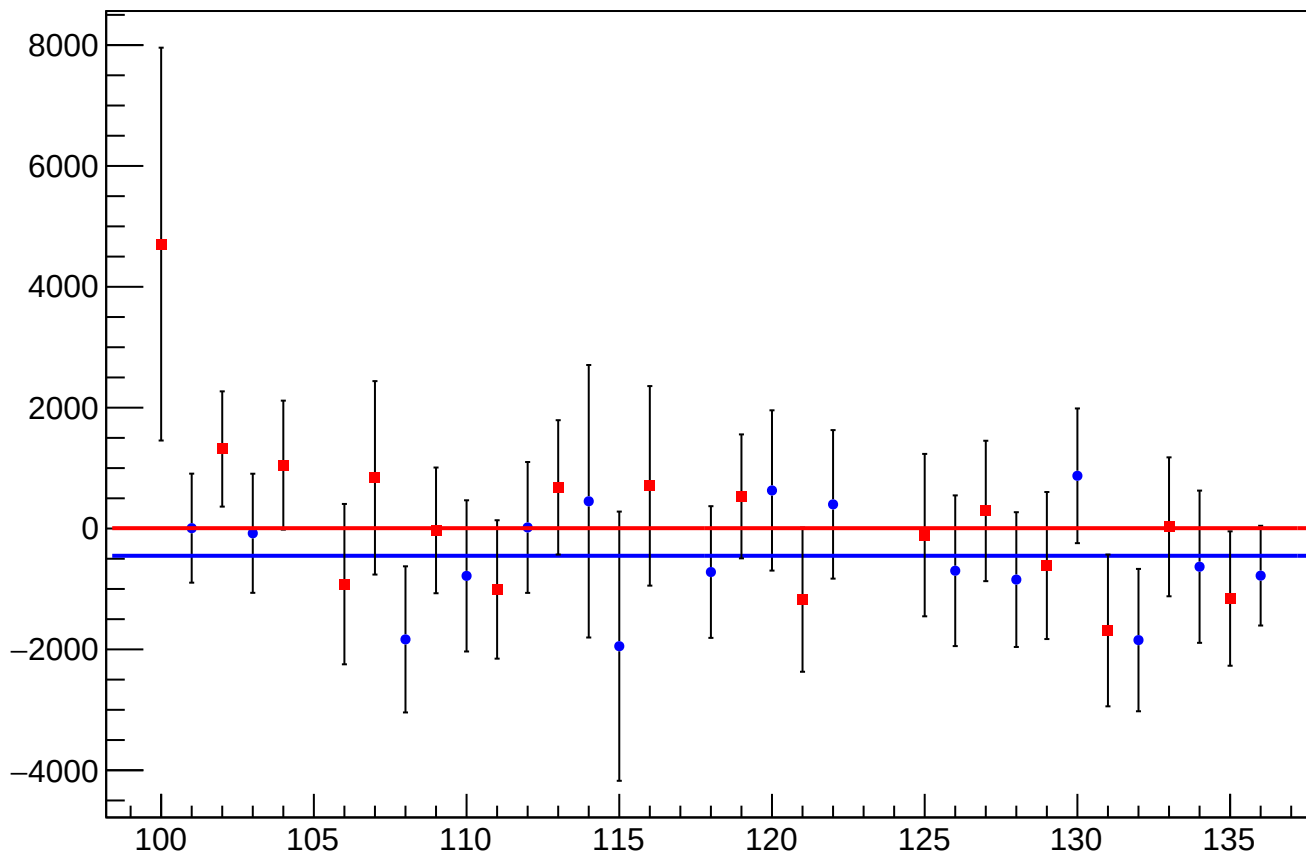
Right: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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: 5.858+/-292.148 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

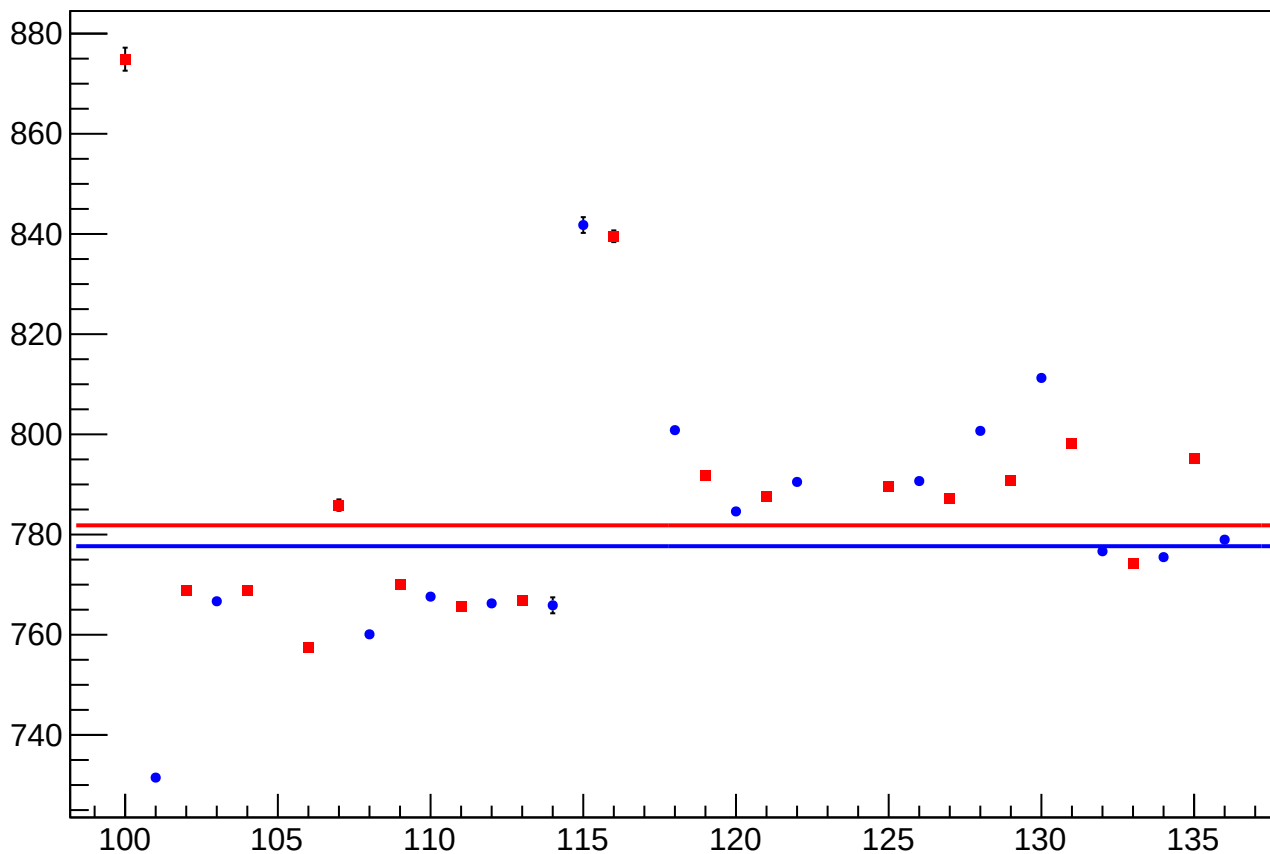
Right: -225.061+/-205.440 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.061+/-205.440 χ^2/NDF : 19.7/32

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: 781.836+/-0.207 χ^2/NDF : 7623.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

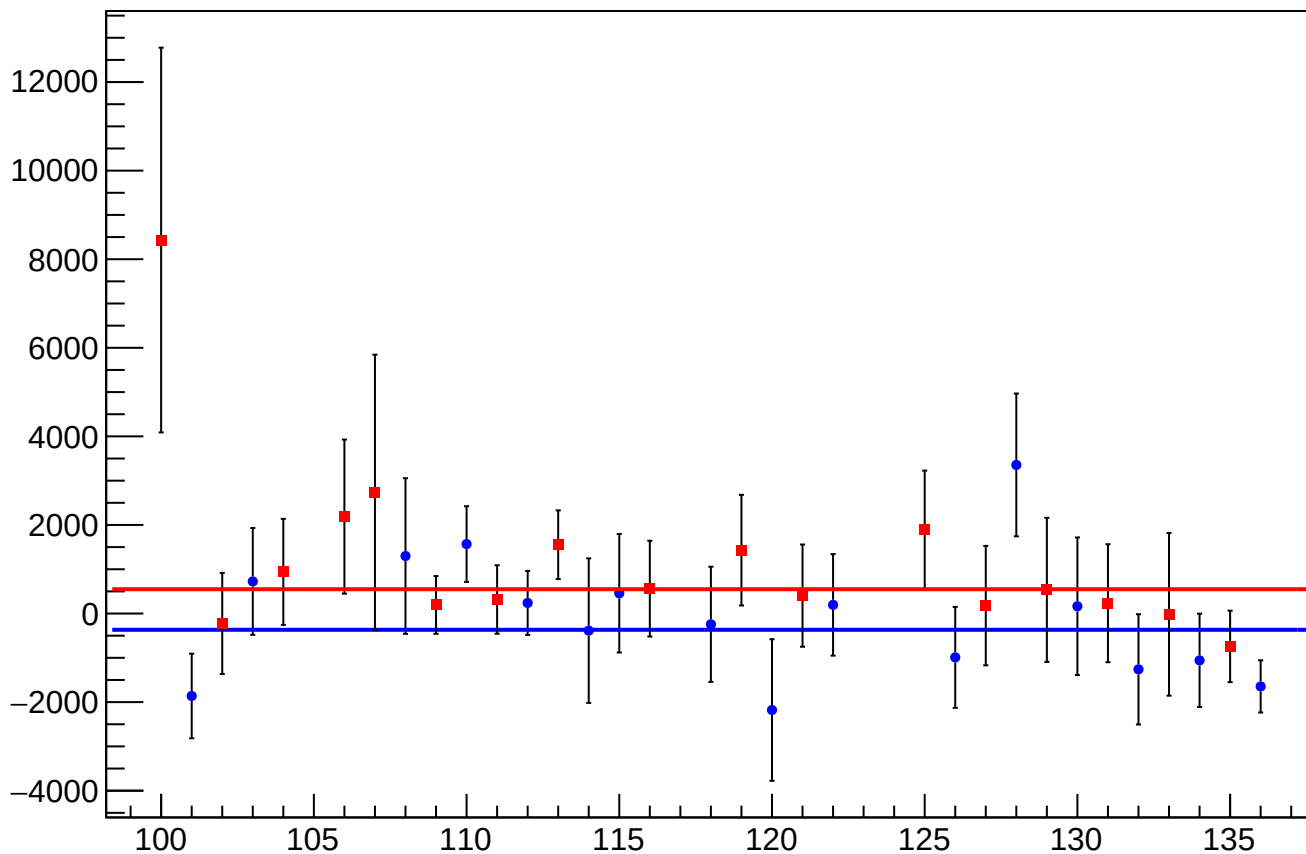
Right: 779.732+/-0.145 χ^2/NDF : 19883.9/32

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+/-0.145 χ^2/NDF : 19883.9/32

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: 549.082+/-269.380 χ^2/NDF : 11.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

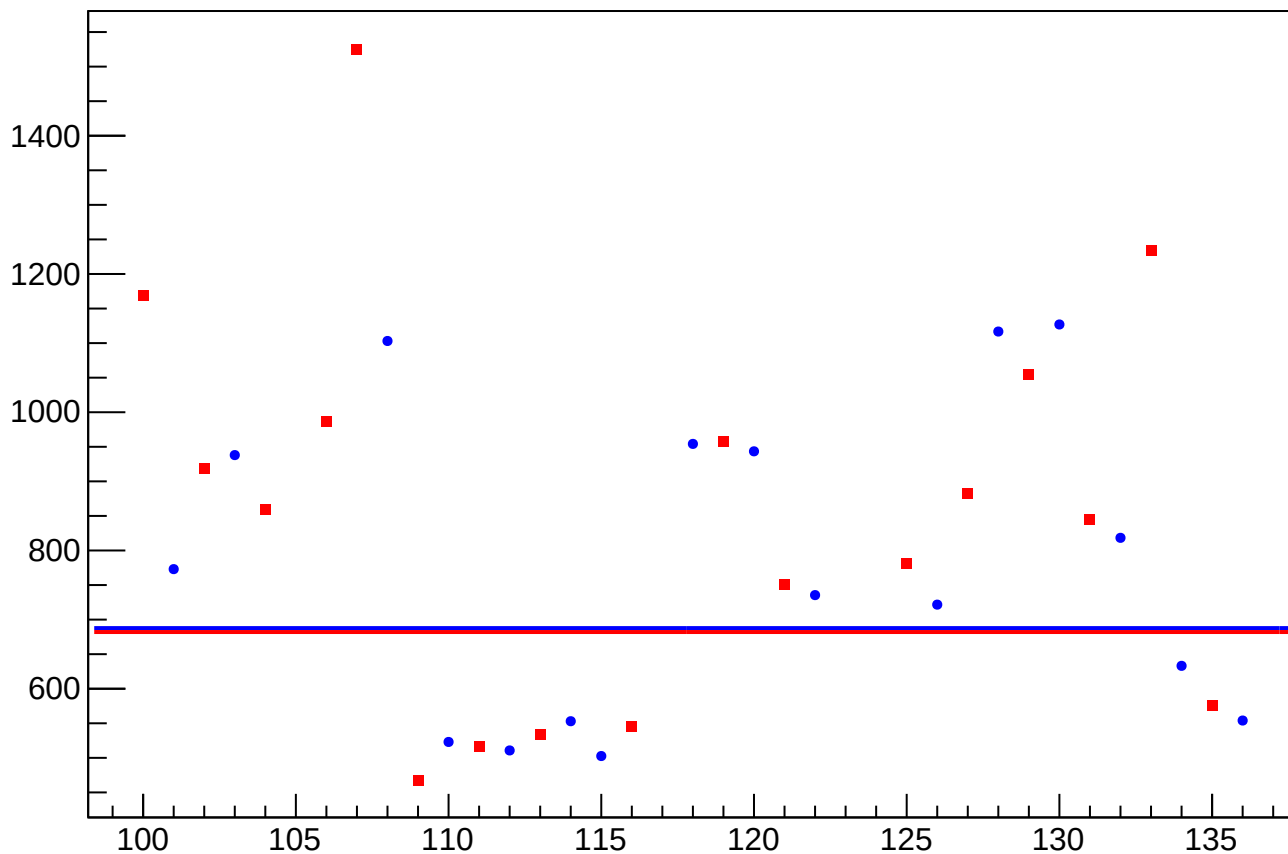
Right: 86.454+/-189.525 χ^2/NDF : 40.8/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 86.454+/-189.525 χ^2/NDF : 40.8/32

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: 682.042+/-0.190 χ^2/NDF : 1287469.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

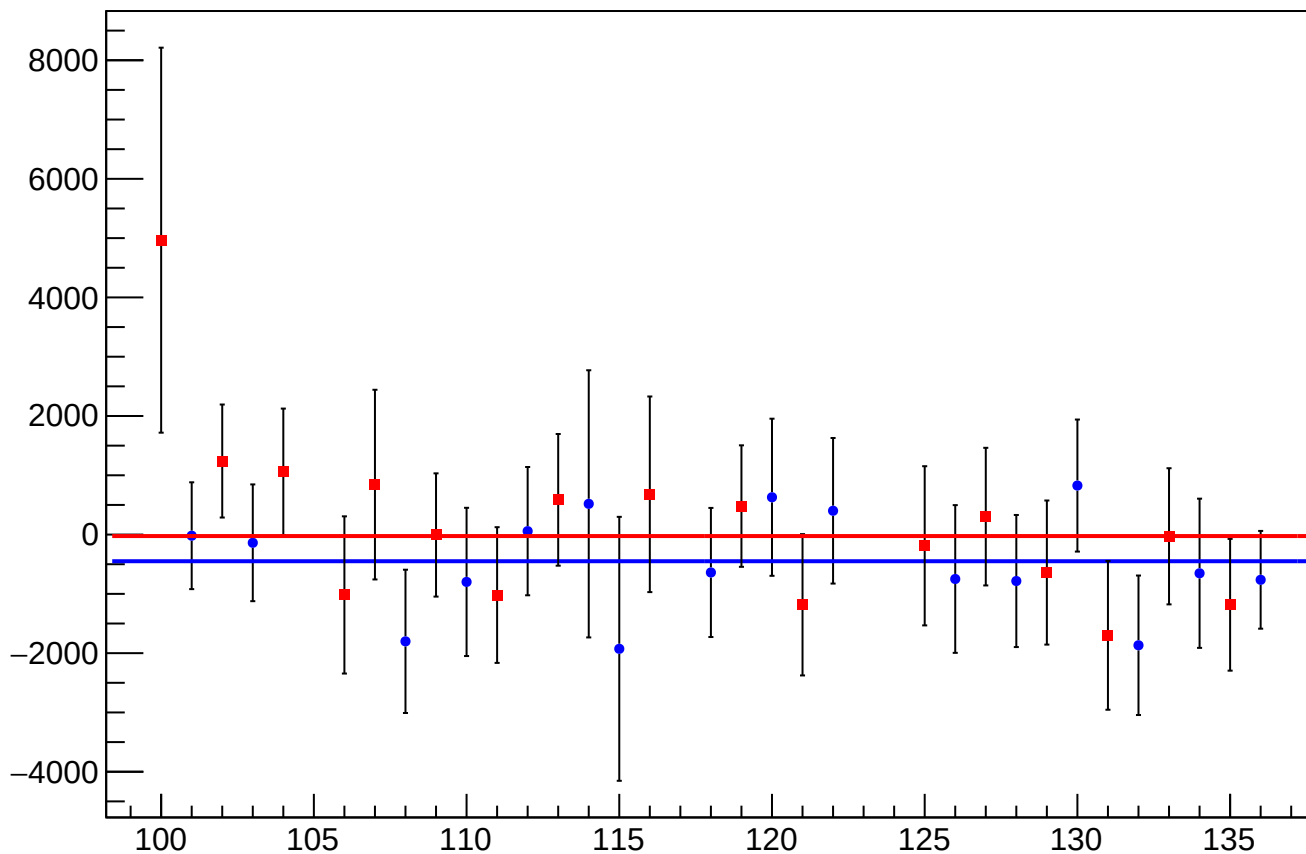
Right: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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: -24.950+/-291.881 χ^2/NDF : 11.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

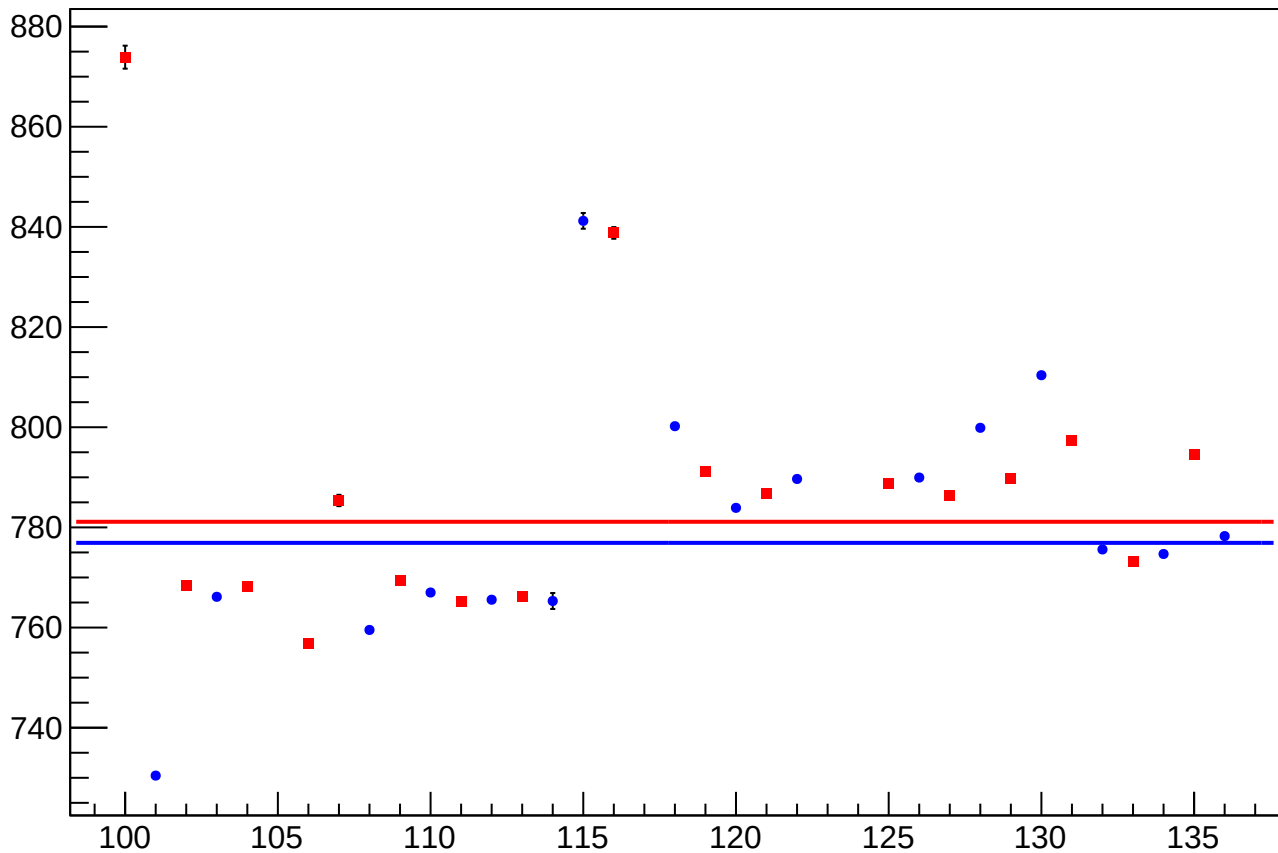
Right: -239.539+/-205.246 χ^2/NDF : 19.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -239.539+/-205.246 χ^2/NDF : 19.5/32

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: 781.122 ± 0.206 χ^2/NDF : 7582.6/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

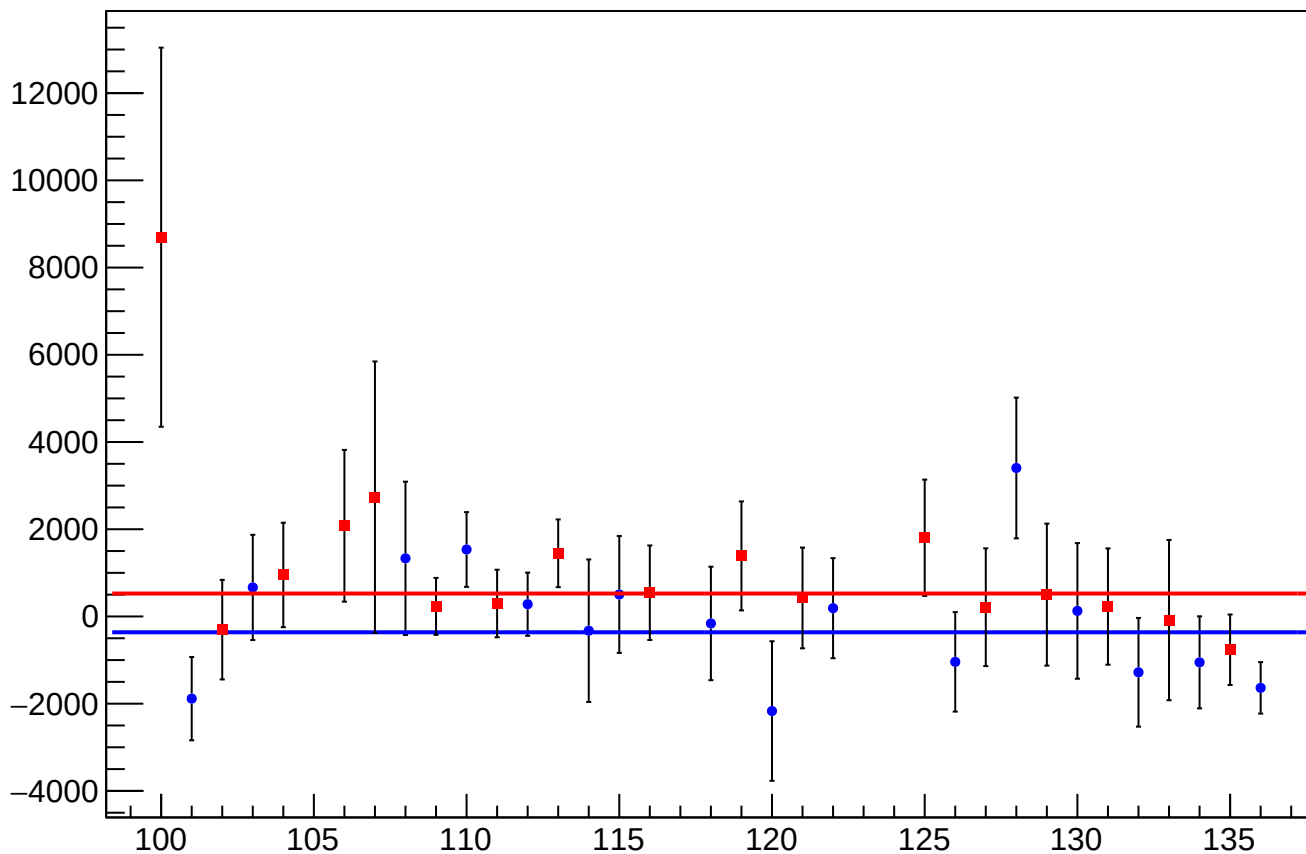
Right: 778.994 ± 0.145 χ^2/NDF : 19916.4/32

In: 776.913 ± 0.204 χ^2/NDF : 12123.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 778.994 ± 0.145 χ^2/NDF : 19916.4/32

asym_us_dd_overload_cor_correction_mean vs Slug, Sign Corrected



Right In: -362.811+/-267.086 χ^2/NDF : 23.4/15

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

Right Out: 525.649+/-269.777 χ^2/NDF : 11.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

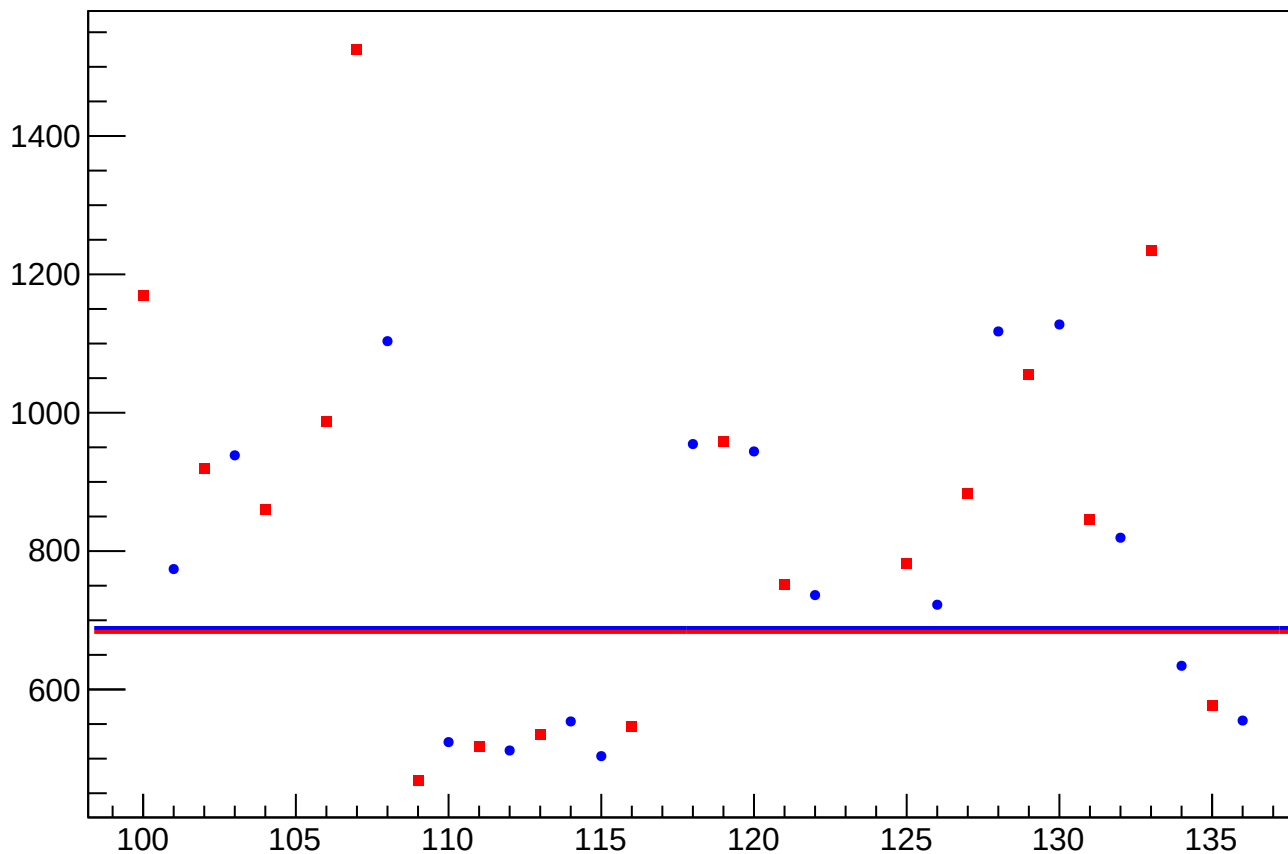
Right: 76.966+/-189.802 χ^2/NDF : 40.2/32

In: -362.811+/-267.086 χ^2/NDF :23.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 76.966+/-189.802 χ^2/NDF : 40.2/32

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: 683.198+/-0.191 χ^2/NDF : 1282599.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

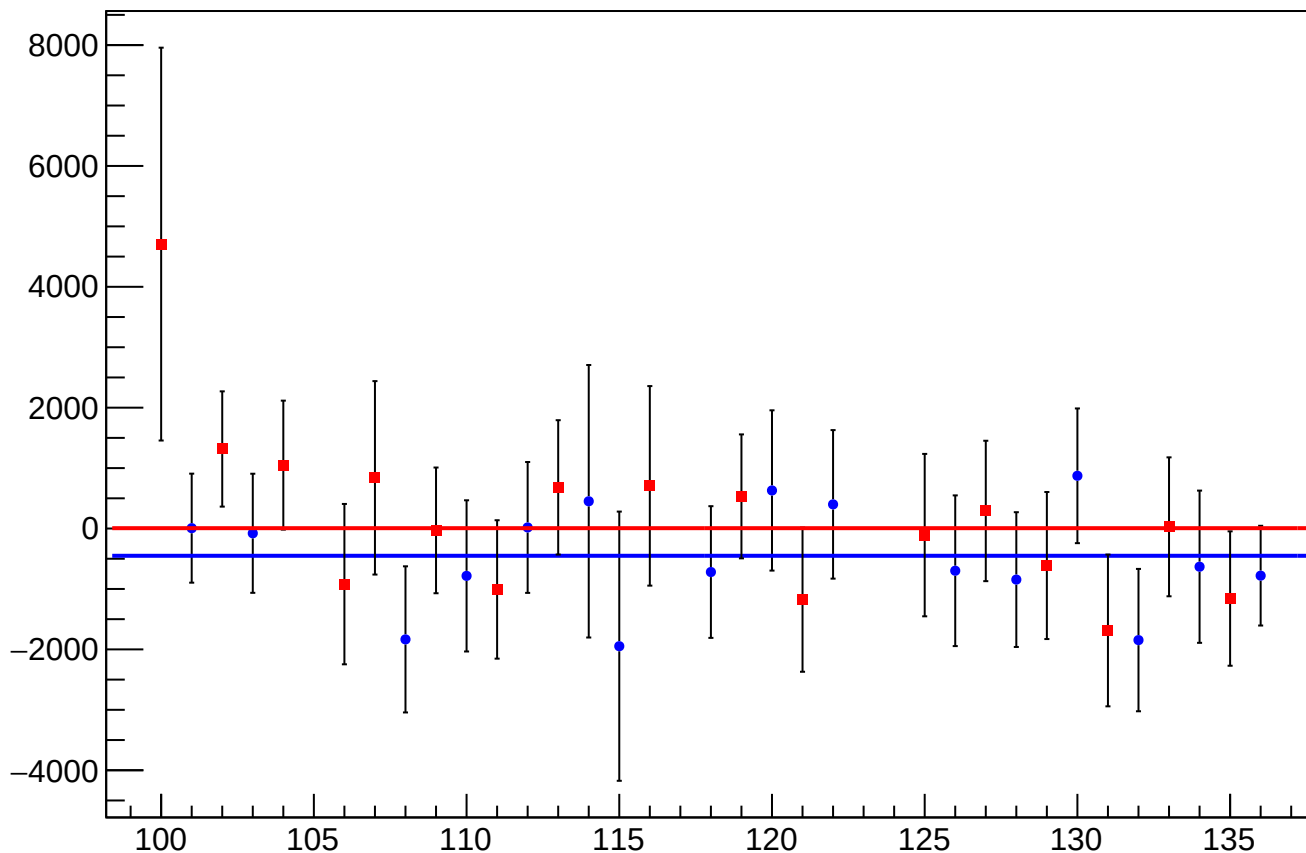
Right: 686.041+/-0.134 χ^2/NDF : 2311158.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 686.041+/-0.134 χ^2/NDF : 2311158.0/32

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: 5.858+/-292.148 χ^2/NDF : 11.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

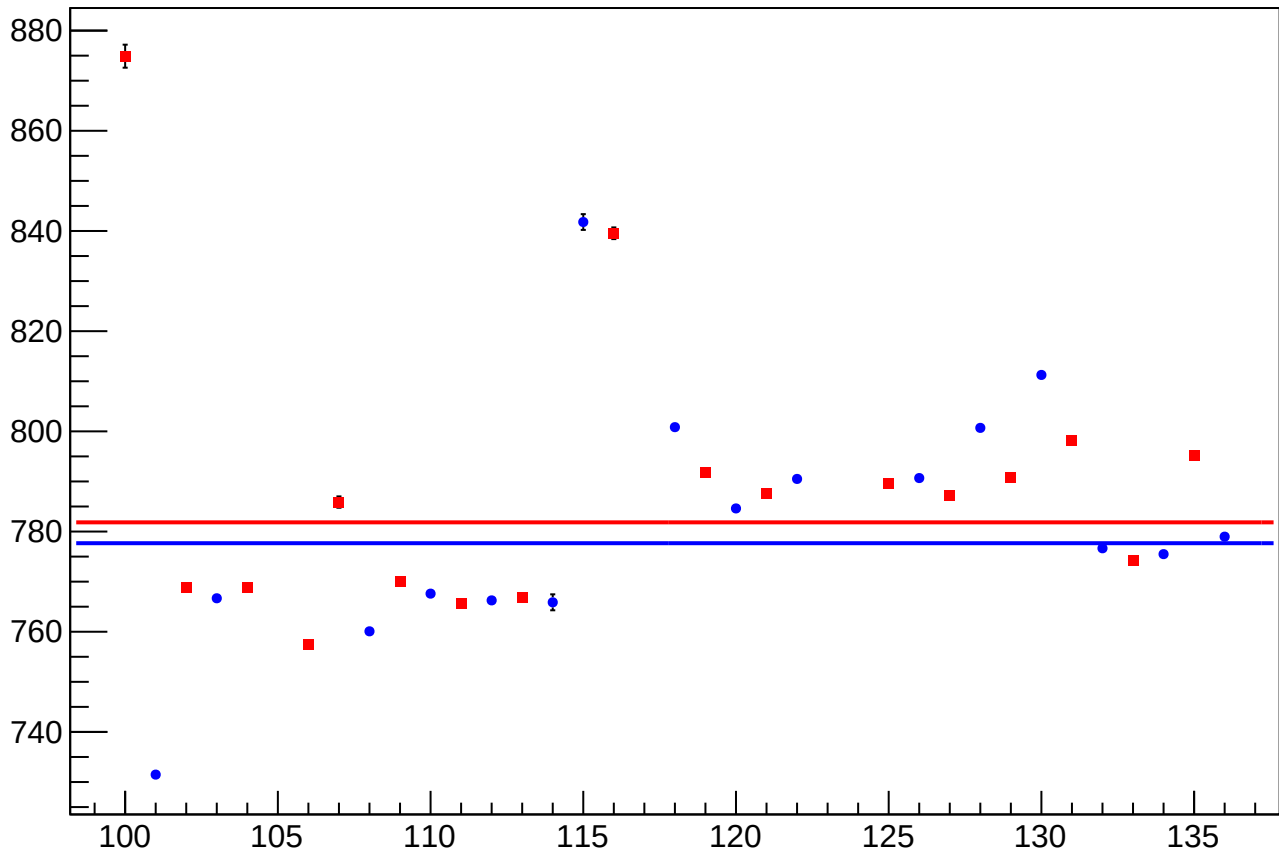
Right: -225.061+/-205.440 χ^2/NDF : 19.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.061+/-205.440 χ^2/NDF : 19.7/32

eigen_cor_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: 781.836 $\pm$ 0.207 χ^2 /NDF: 7623.3/16

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

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

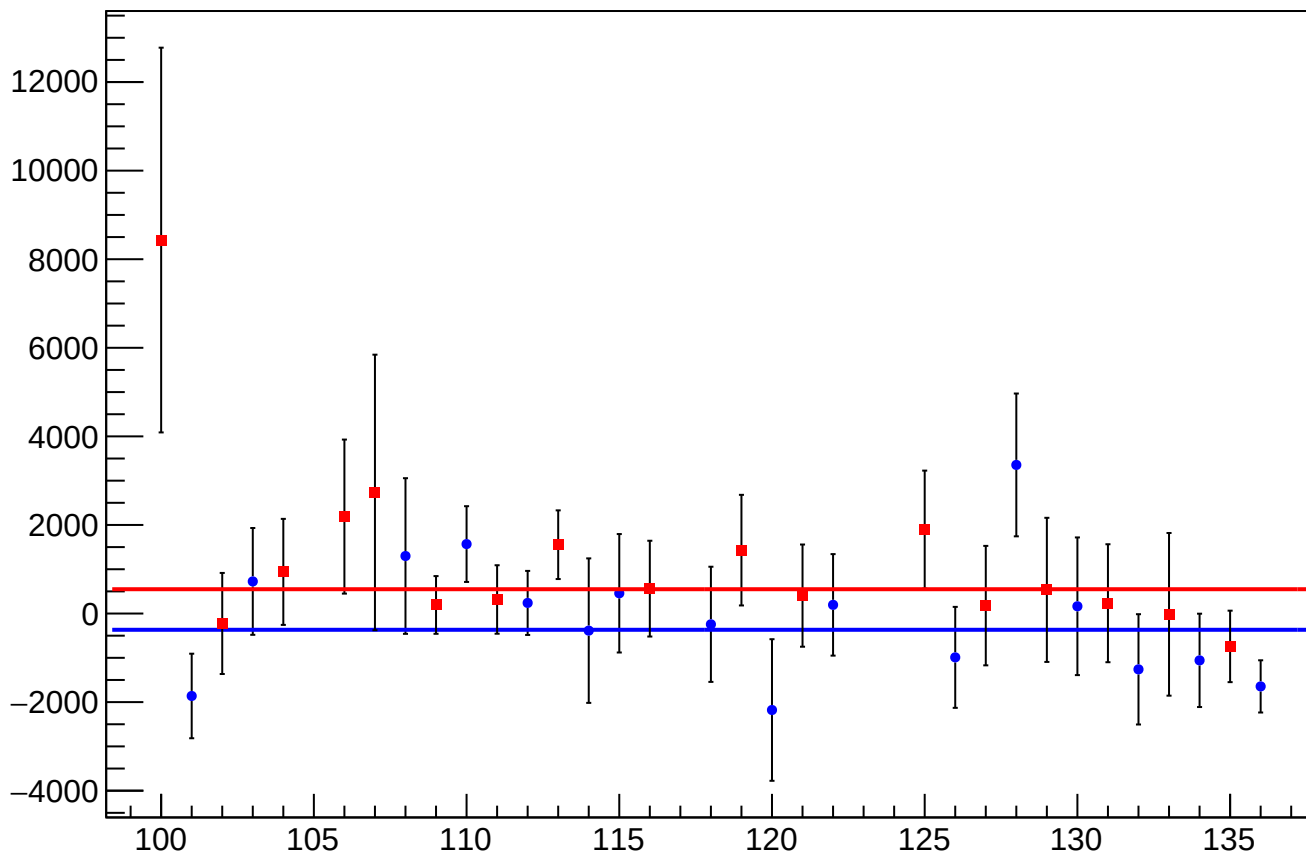
Right: 779.732 $\pm$ 0.145 χ^2 /NDF: 19883.9/32

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 $\pm$ 0.145 χ^2 /NDF: 19883.9/32

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: 549.082+/-269.380 χ^2/NDF : 11.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

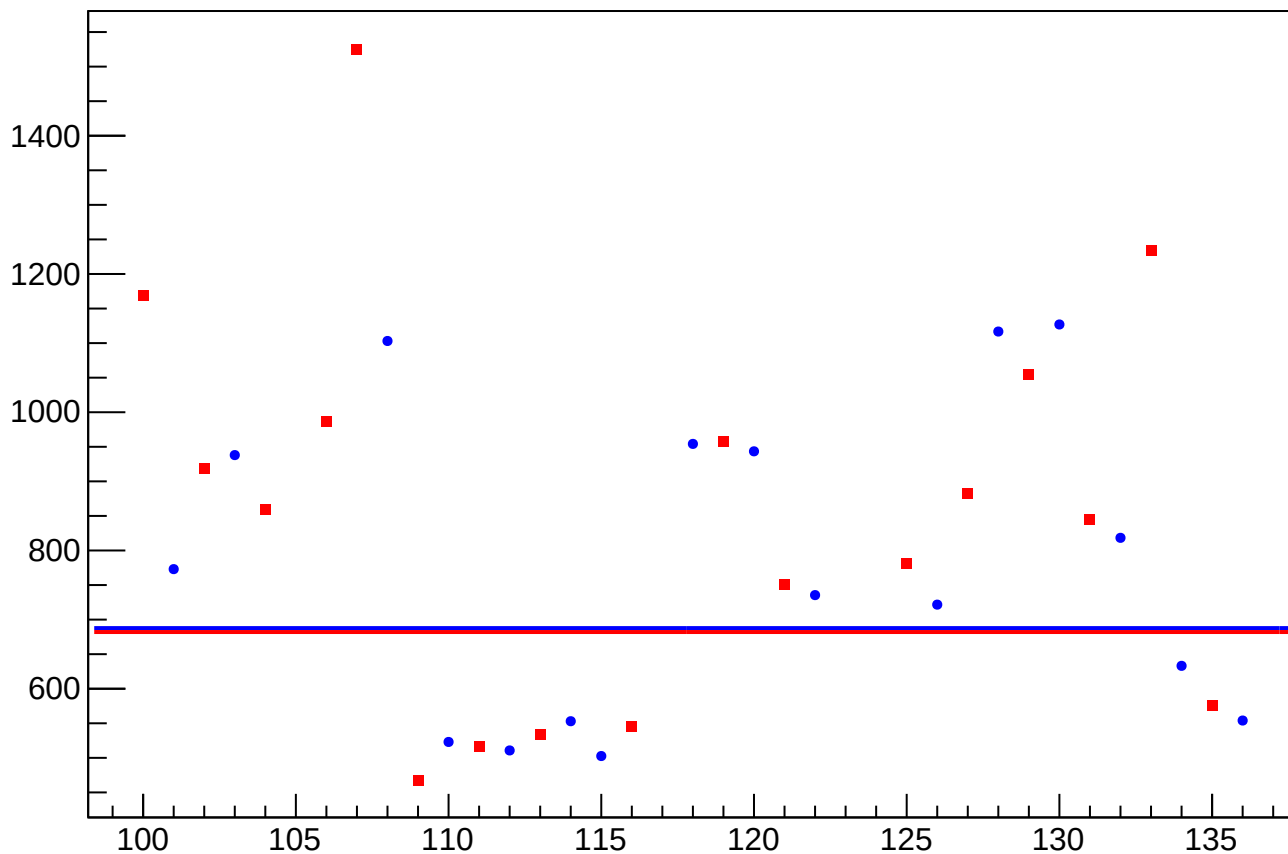
Right: 86.454+/-189.525 χ^2/NDF : 40.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.454+/-189.525 χ^2/NDF : 40.8/32

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: 682.042+/-0.190 χ^2/NDF : 1287469.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

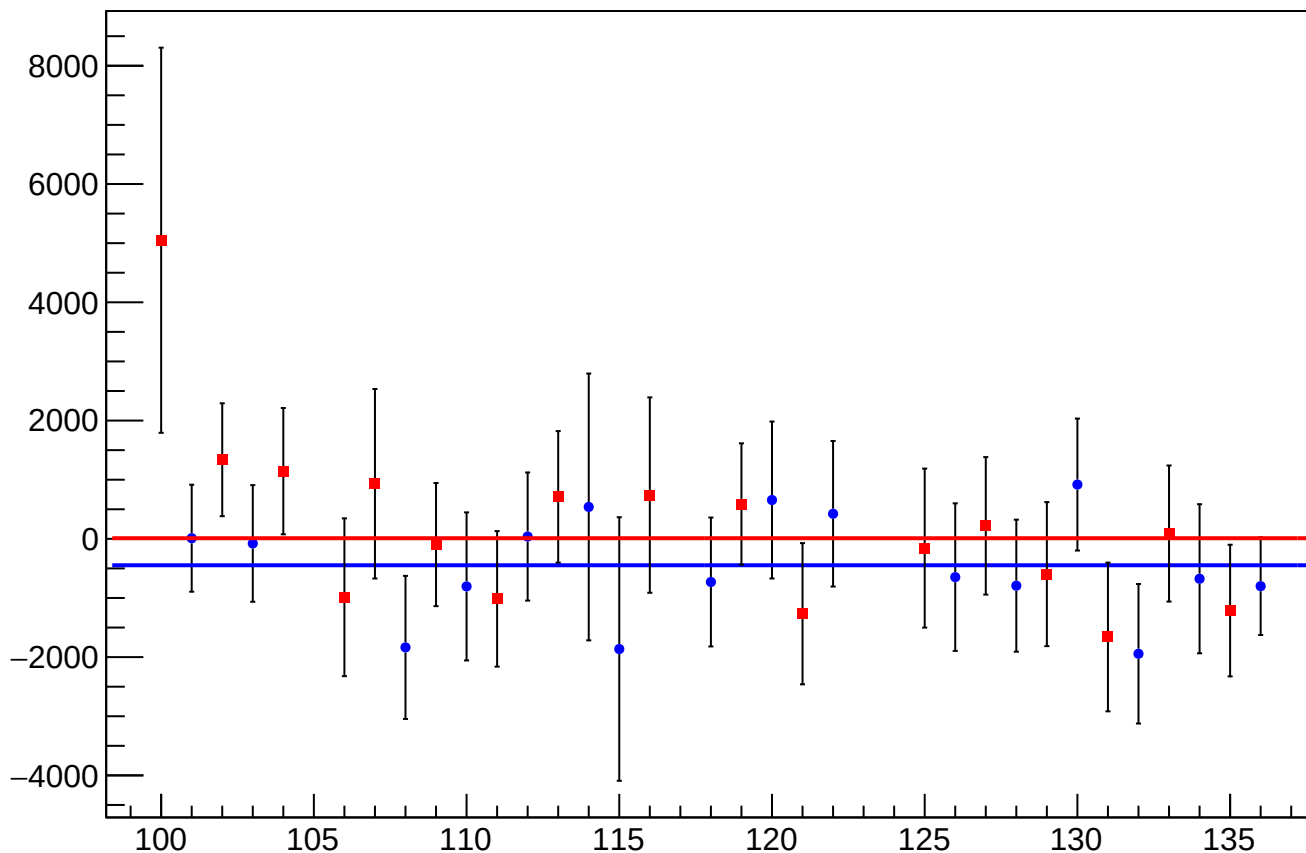
Right: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 684.908+/-0.134 χ^2/NDF : 2319824.2/32

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: 10.477 ± 292.448 χ^2/NDF : 12.5/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

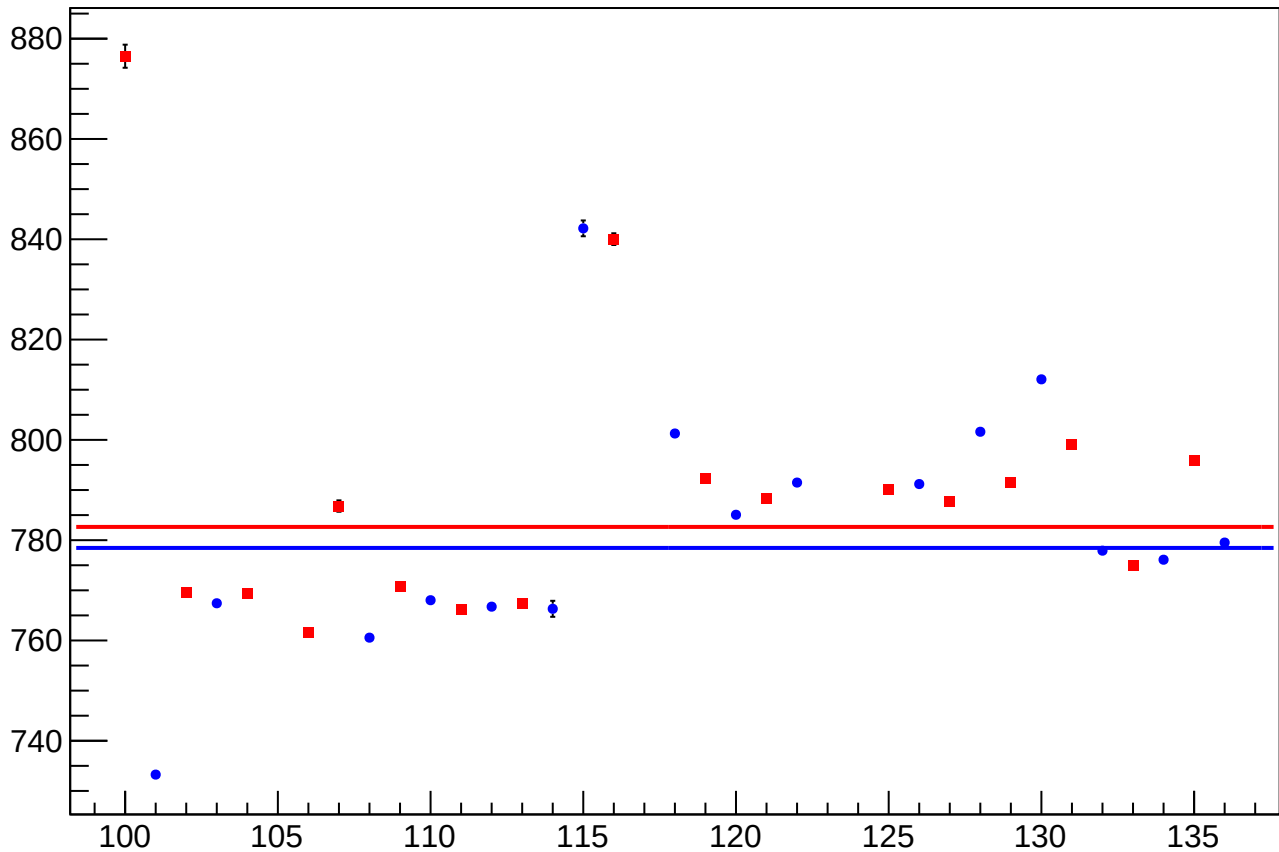
Right: -220.613 ± 205.648 χ^2/NDF : 21.0/32

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.613 ± 205.648 χ^2/NDF : 21.0/32

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: 782.644+/-0.207 χ^2/NDF : 7477.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

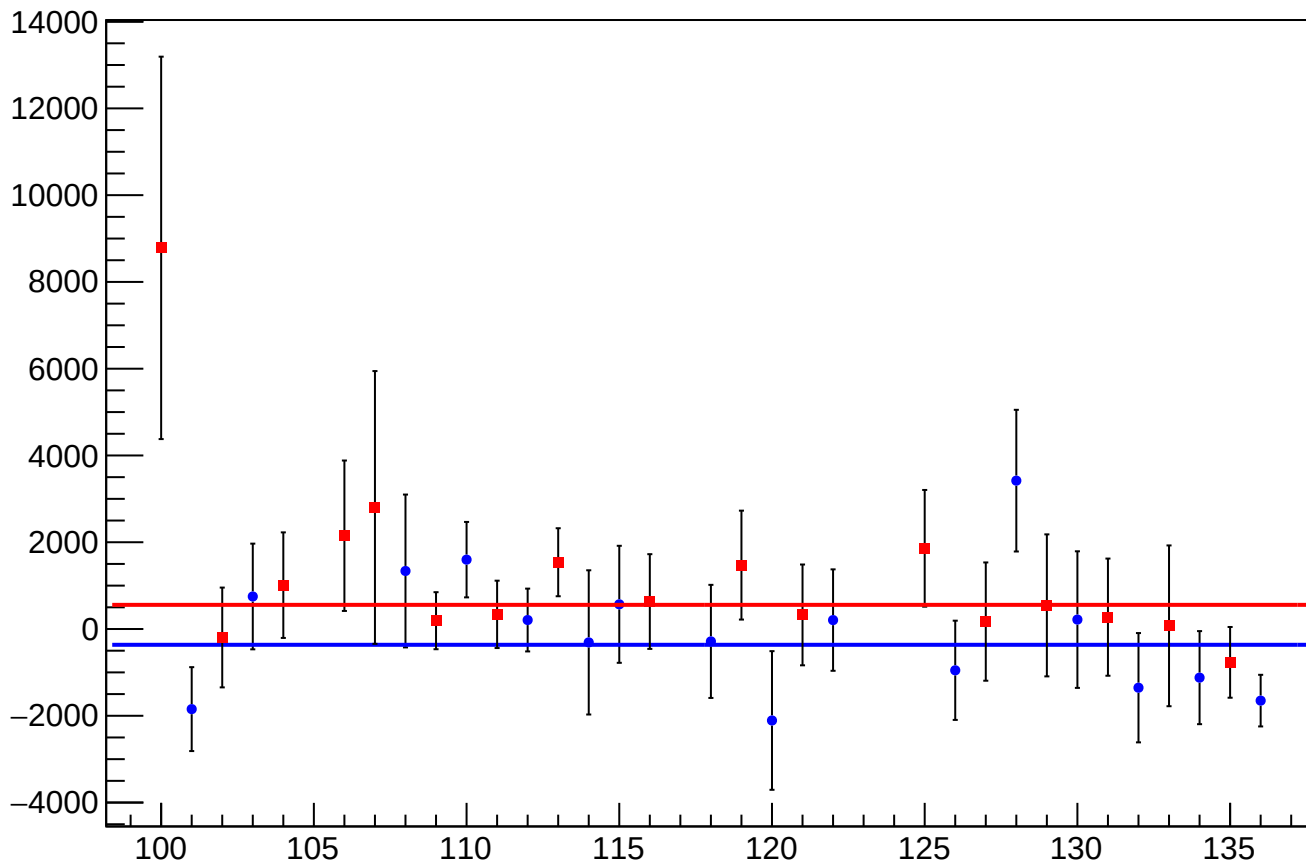
Right: 780.527+/-0.145 χ^2/NDF : 19480.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.527+/-0.145 χ^2/NDF : 19480.0/32

asym_us_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -363.977 $\pm$ 269.316 χ^2 /NDF: 23.3/15

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

Right Out: 556.723 $\pm$ 271.747 χ^2 /NDF: 11.7/16

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

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

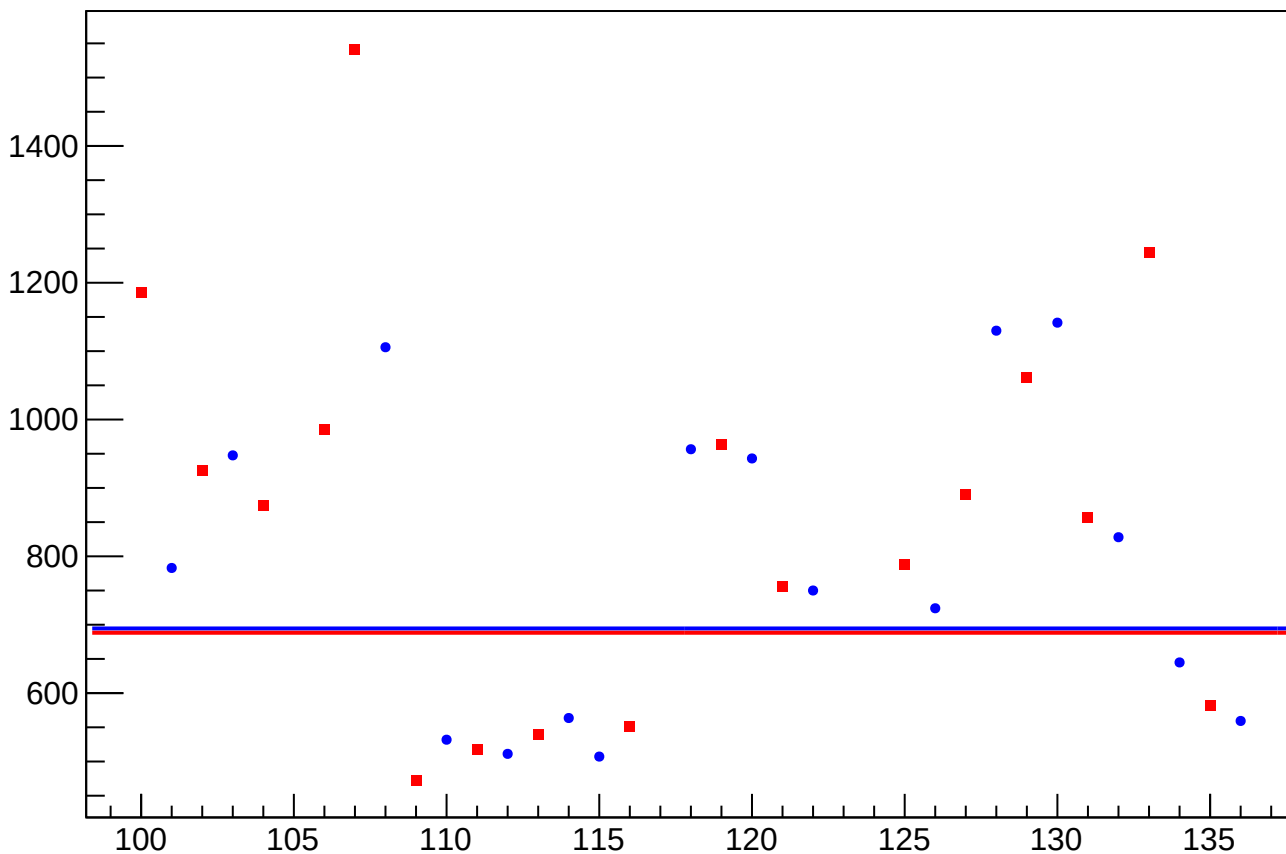
Right: 92.236 $\pm$ 191.289 χ^2 /NDF: 40.8/32

In: -363.977 $\pm$ 269.316 χ^2 /NDF:23.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 92.236 $\pm$ 191.289 χ^2 /NDF: 40.8/32

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: 688.269+/-0.192 χ^2/NDF : 1286827.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

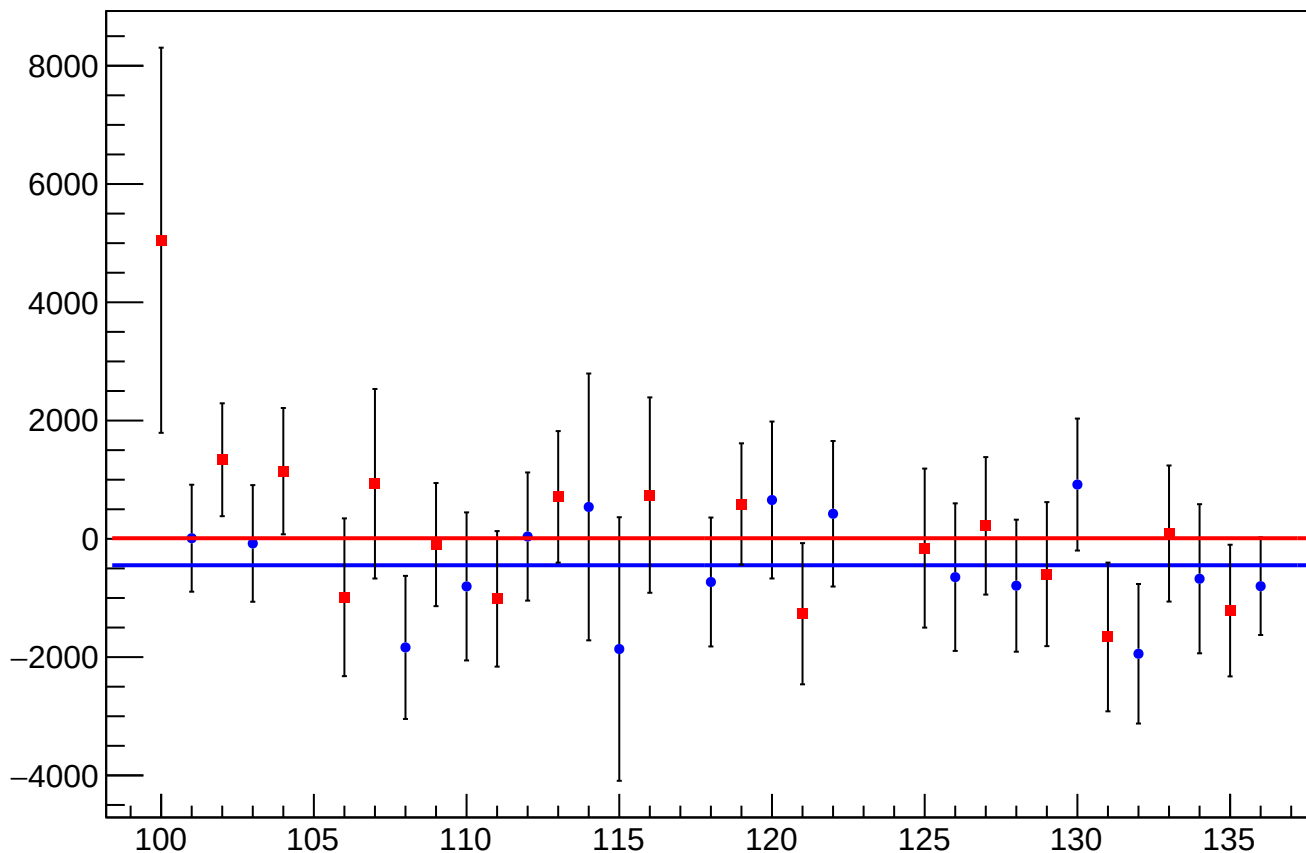
Right: 691.424+/-0.135 χ^2/NDF : 2317247.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.424+/-0.135 χ^2/NDF : 2317247.0/32

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: 10.475 ± 292.448 χ^2/NDF : 12.5/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

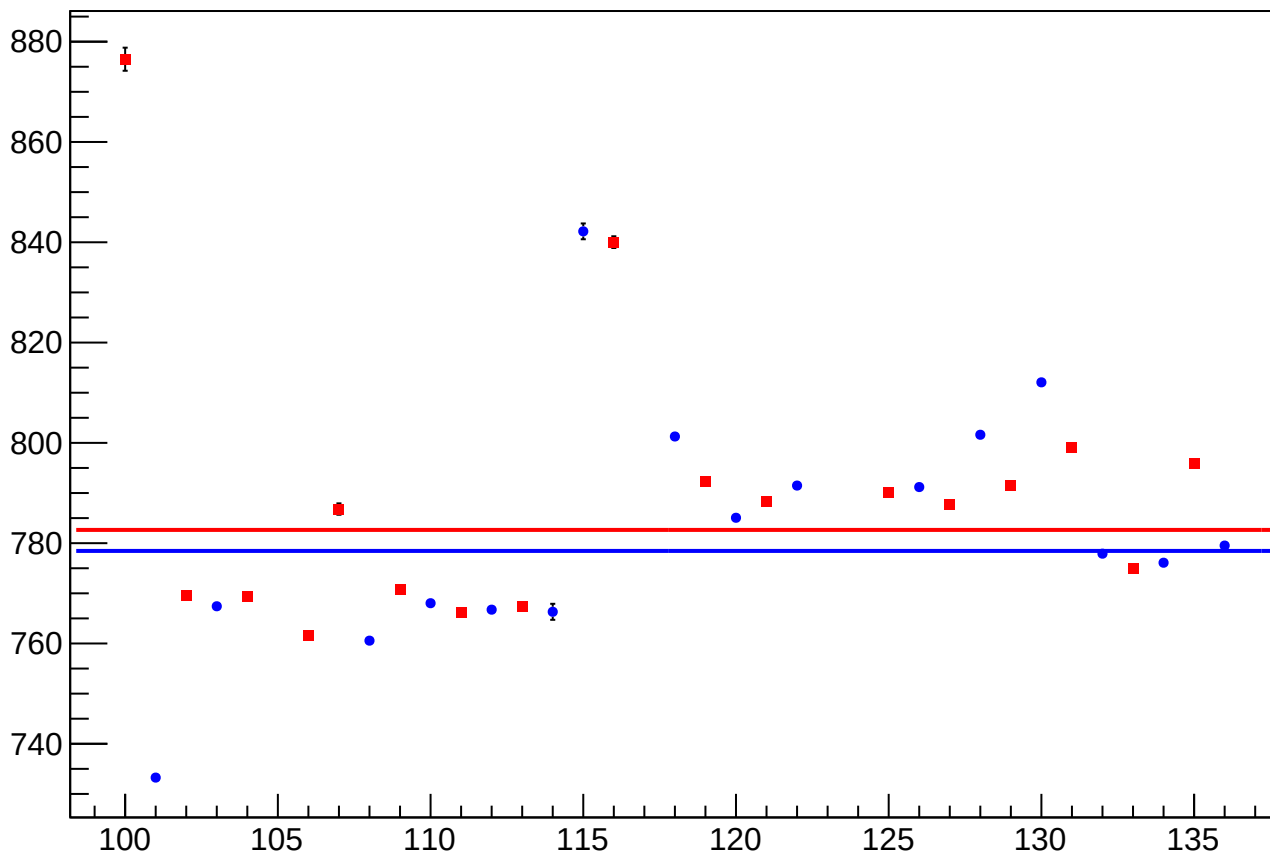
Right: -220.614 ± 205.648 χ^2/NDF : 21.0/32

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -220.614 ± 205.648 χ^2/NDF : 21.0/32

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: 782.644+/-0.207 χ^2/NDF : 7477.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

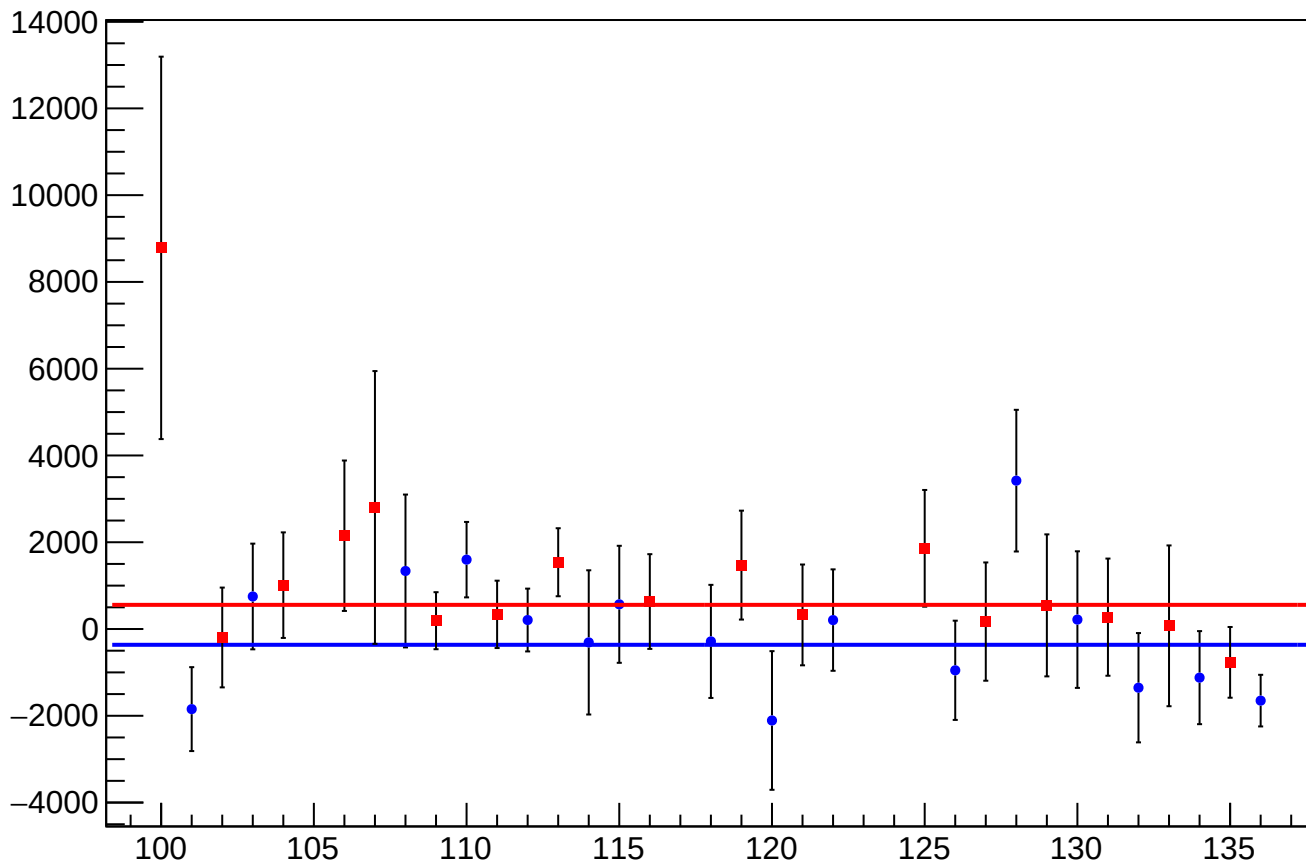
Right: 780.527+/-0.145 χ^2/NDF : 19479.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 780.527+/-0.145 χ^2/NDF : 19479.9/32

asym_us_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



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: 556.721+/-271.745 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

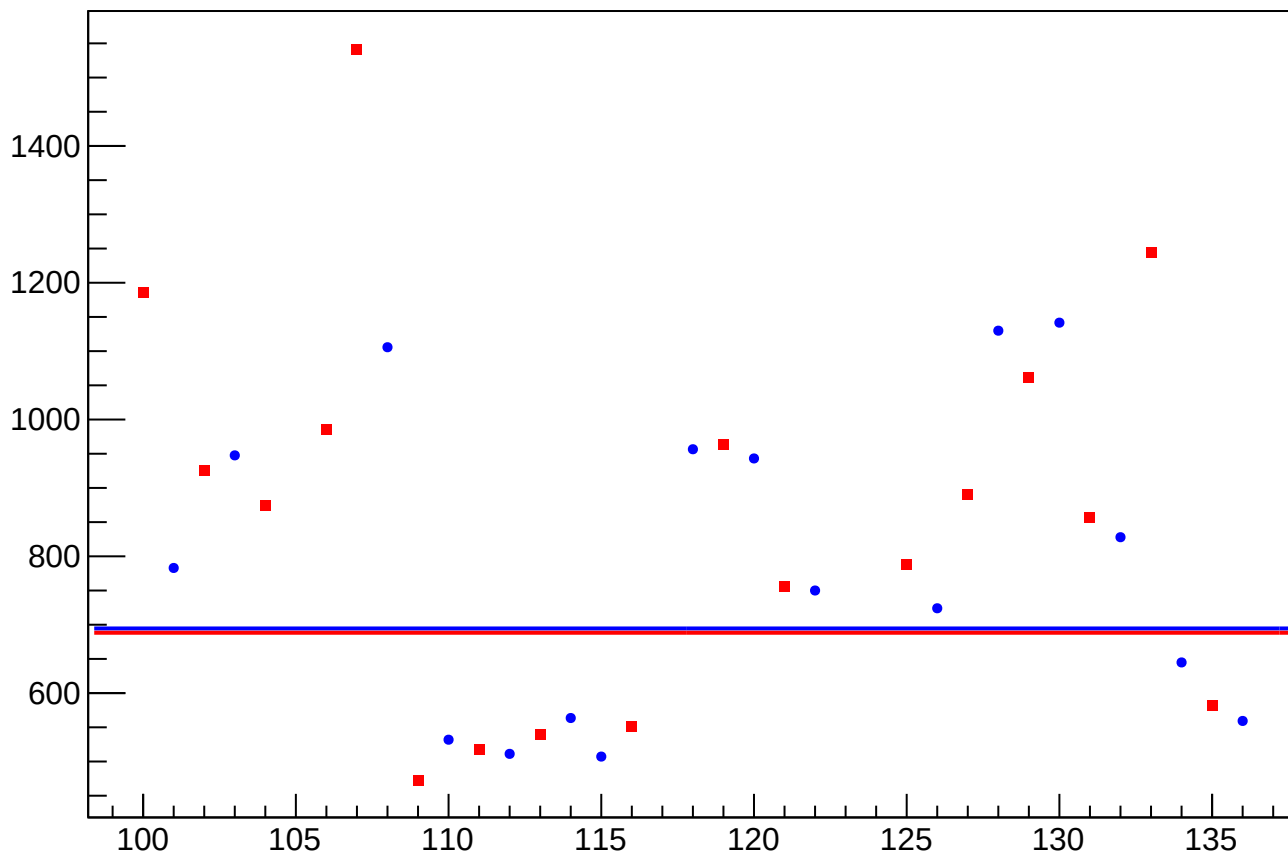
Right: 92.238+/-191.288 χ^2/NDF : 40.8/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 92.238+/-191.288 χ^2/NDF : 40.8/32

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: 688.265+/-0.192 χ^2/NDF : 1286848.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

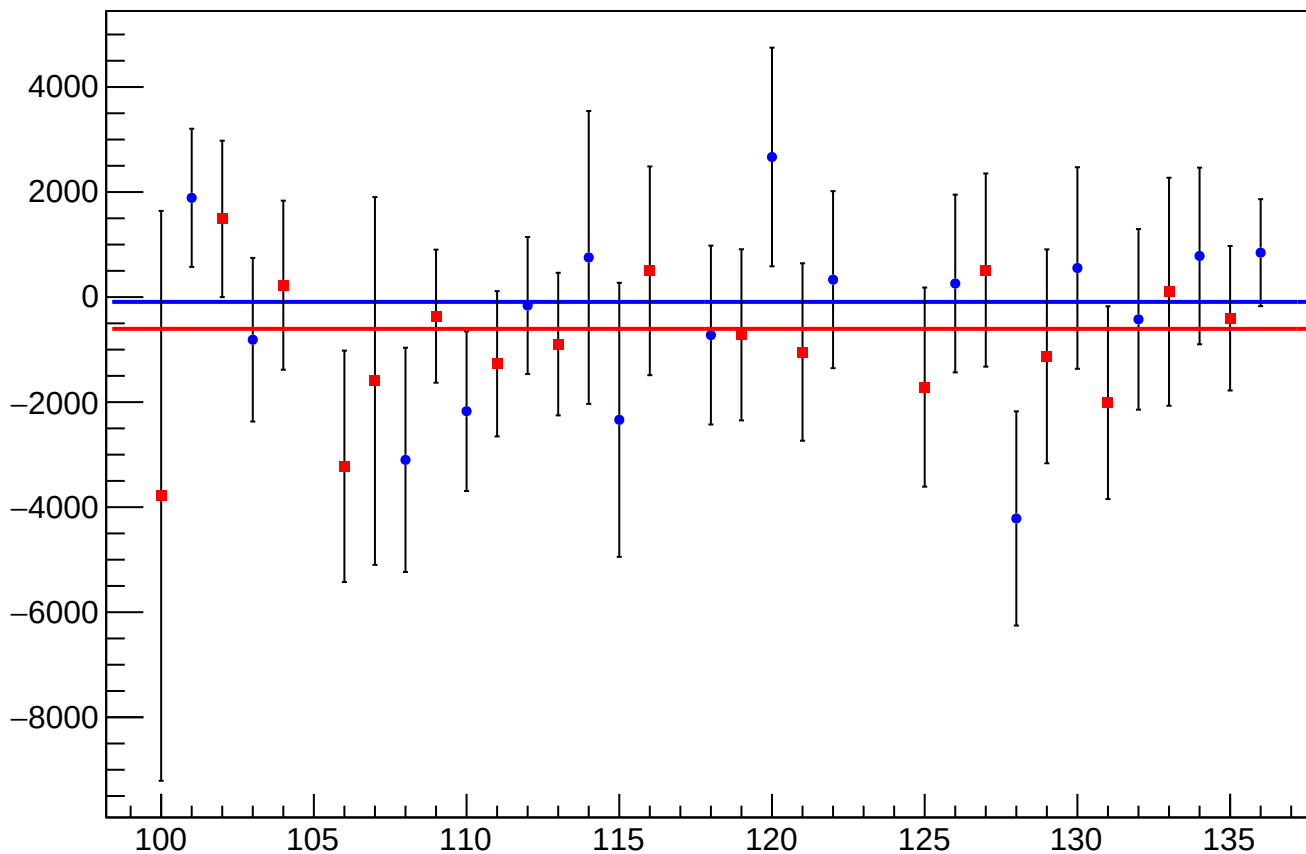
Right: 691.420+/-0.135 χ^2/NDF : 2317280.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 691.420+/-0.135 χ^2/NDF : 2317280.0/32

asym_us_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: -604.612+/-419.596 χ^2/NDF : 6.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

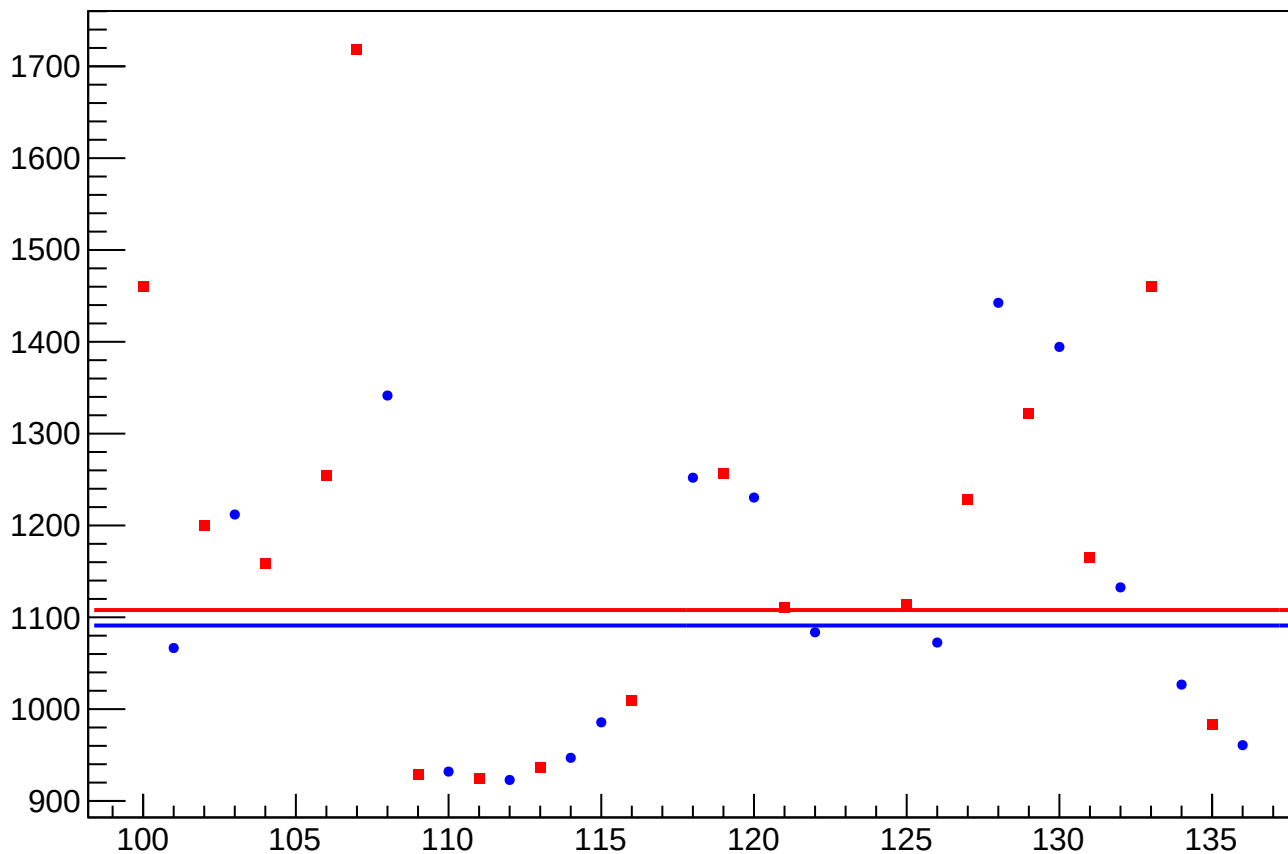
Right: -341.994+/-293.232 χ^2/NDF : 21.6/32

In: -91.305+/-409.957 χ^2/NDF :14.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -341.994+/-293.232 χ^2/NDF : 21.6/32

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: 1107.893+/-0.297 χ^2/NDF : 317537.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

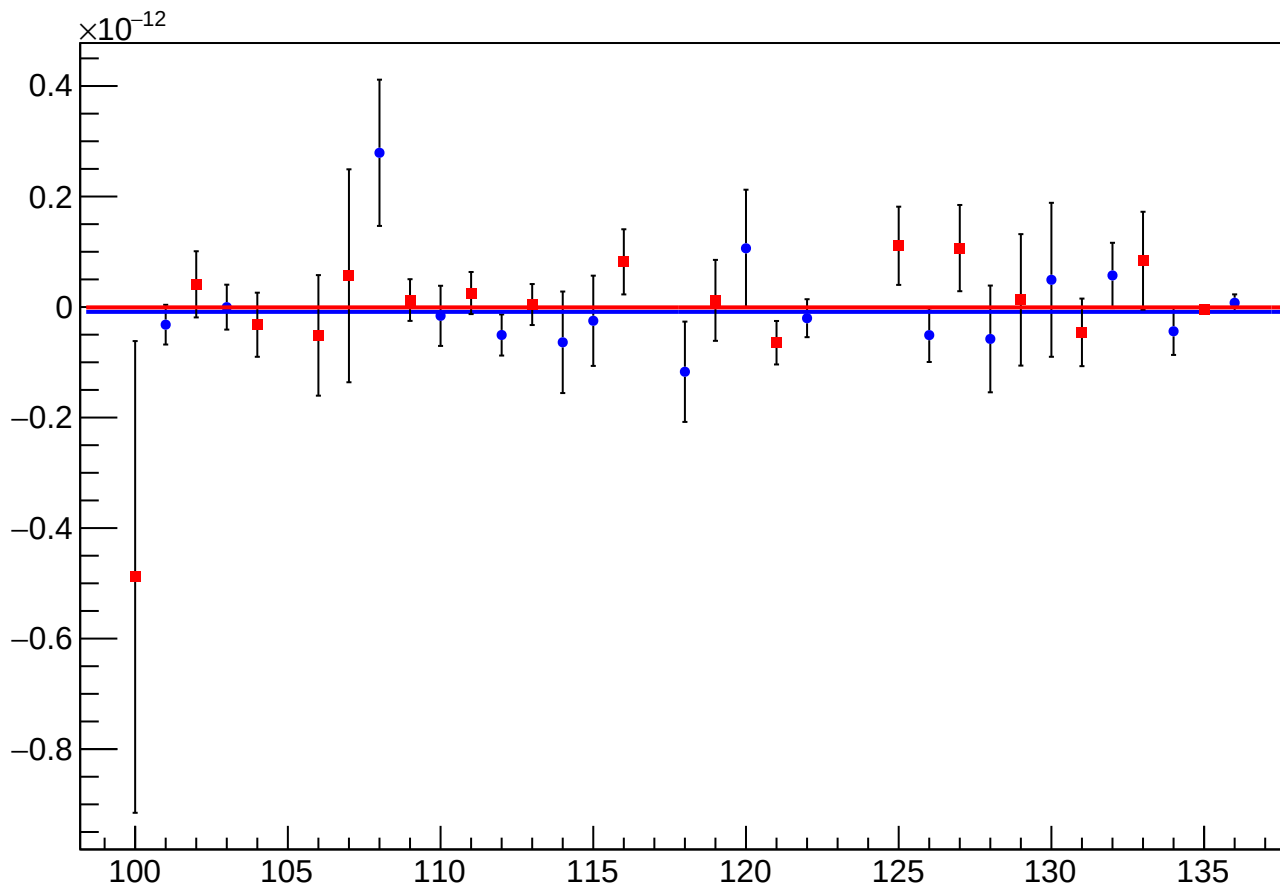
Right: 1099.271+/-0.207 χ^2/NDF : 596492.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1099.271+/-0.207 χ^2/NDF : 596492.4/32

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 : 13.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

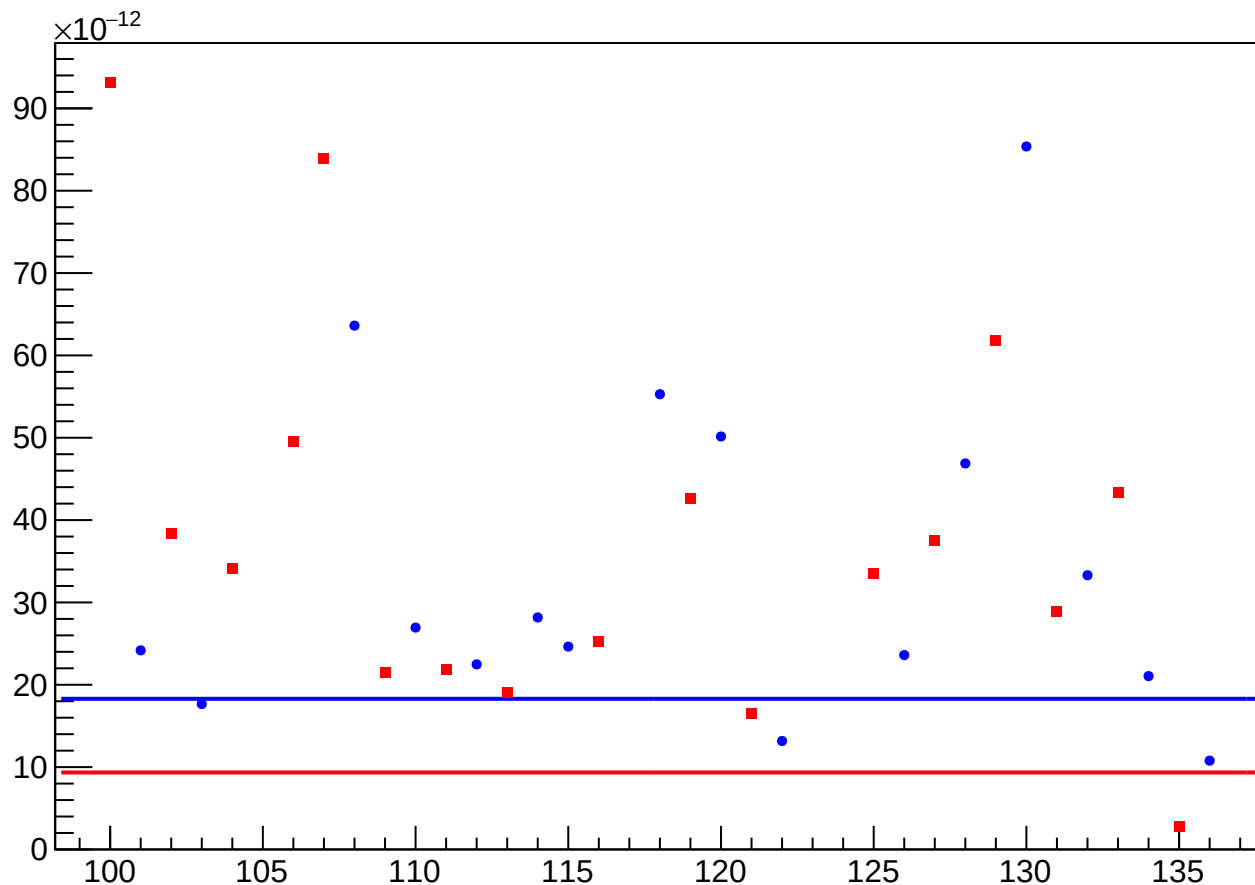
Right: -0.000+/-0.000 χ^2/NDF : 27.9/32

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 : 27.9/32

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 : 5140379.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

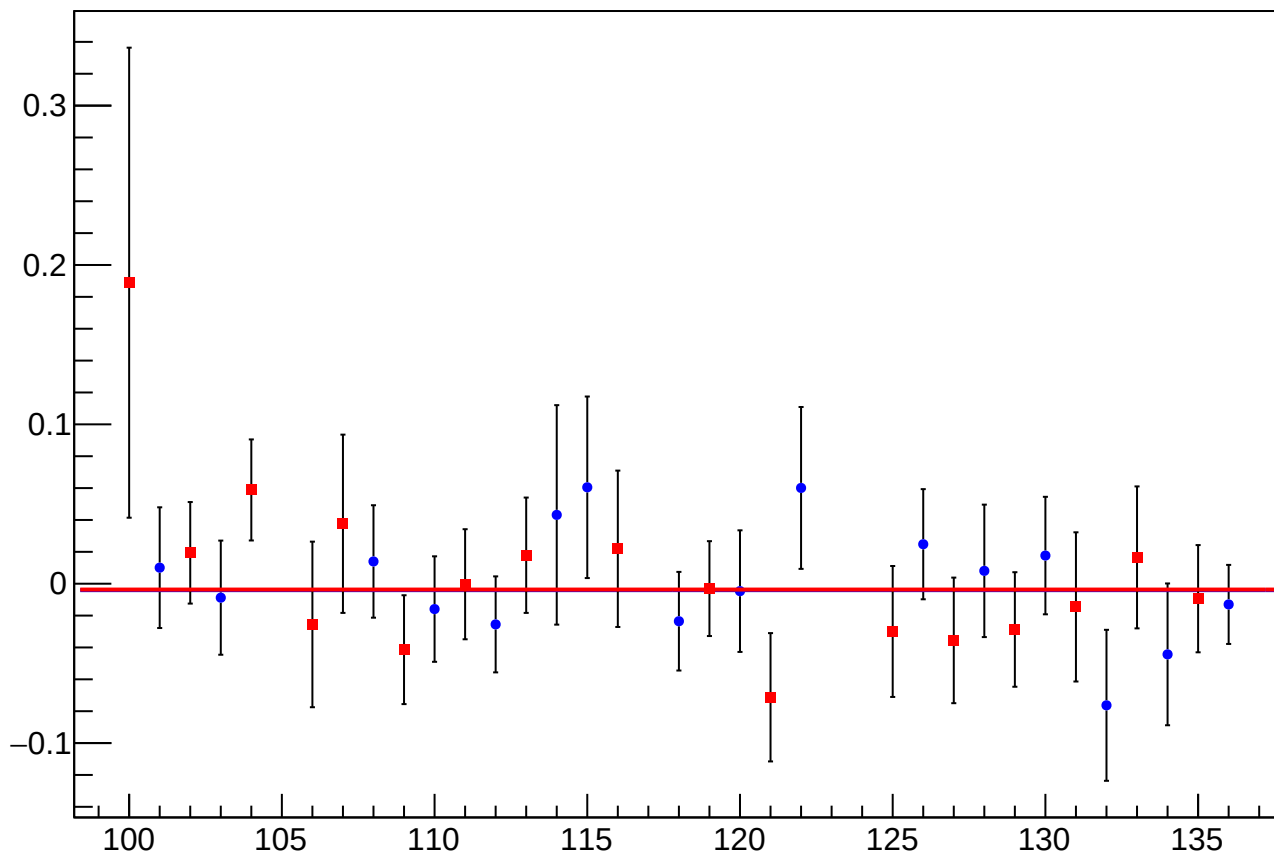
Right: 0.000+/-0.000 χ^2/NDF : 8373283.6/32

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 : 8373283.6/32

asym_us_dd_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: 13.4/16

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

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

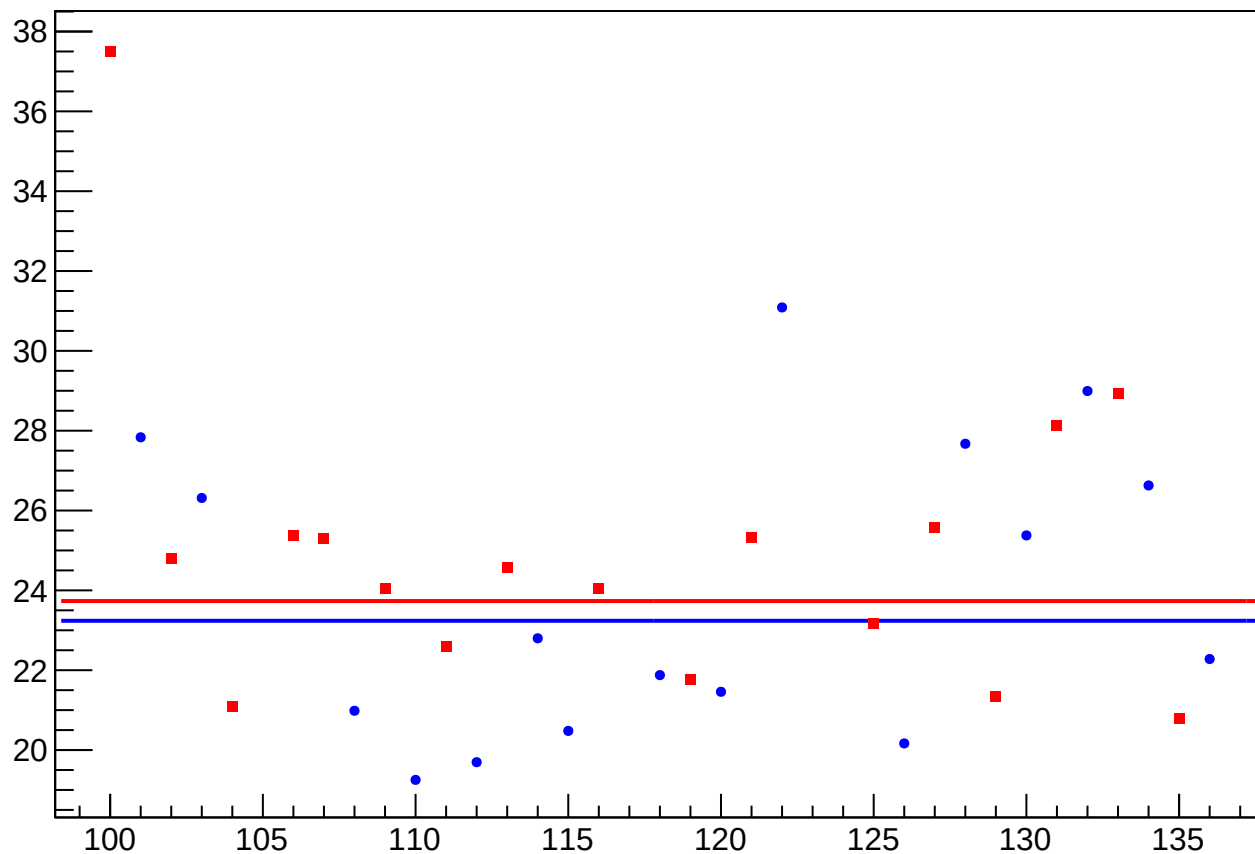
Right: -0.004 $\pm$ 0.007 χ^2 /NDF: 22.6/32

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: 22.6/32

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: 23.733+/-0.007 χ^2/NDF : 126140.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

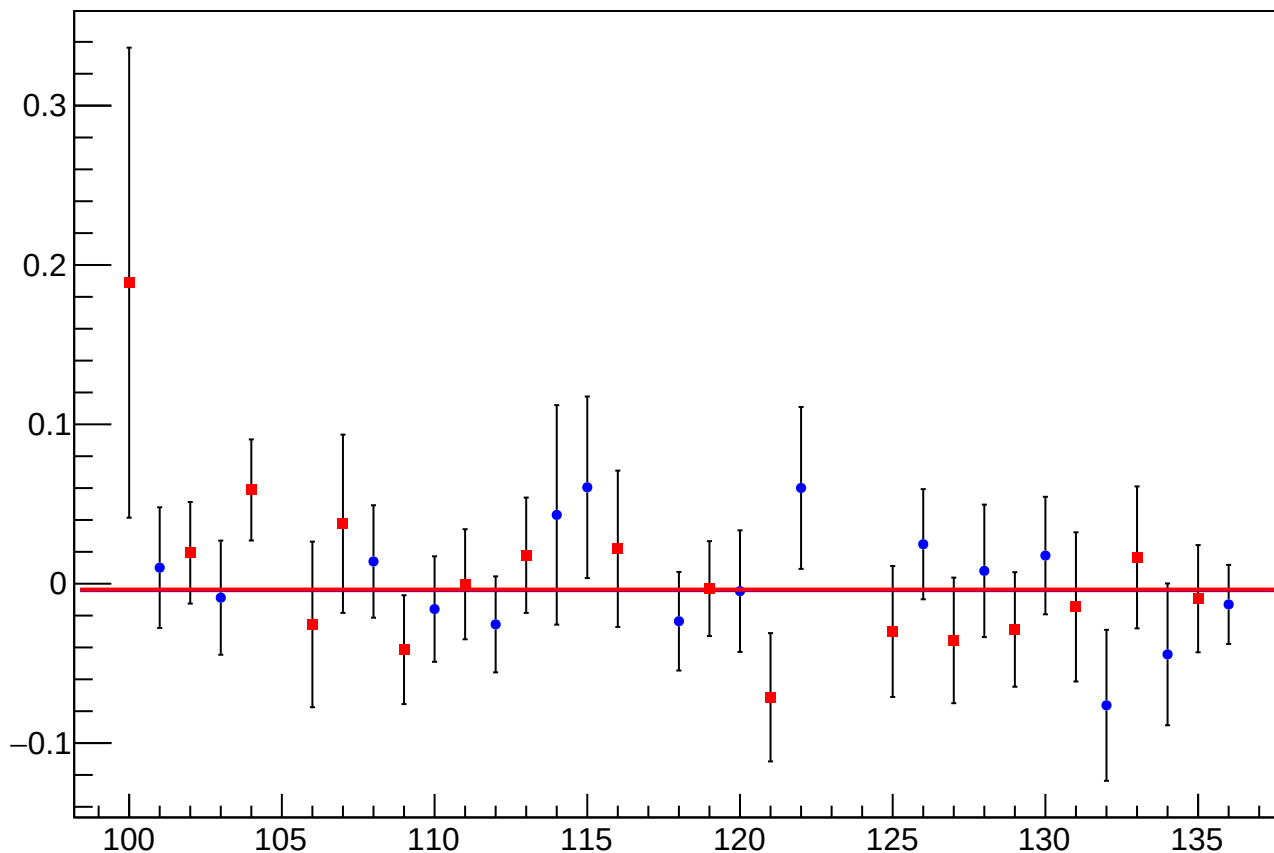
Right: 23.480+/-0.005 χ^2/NDF : 388171.4/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.480+/-0.005 χ^2/NDF : 388171.4/32

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 : 13.4/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

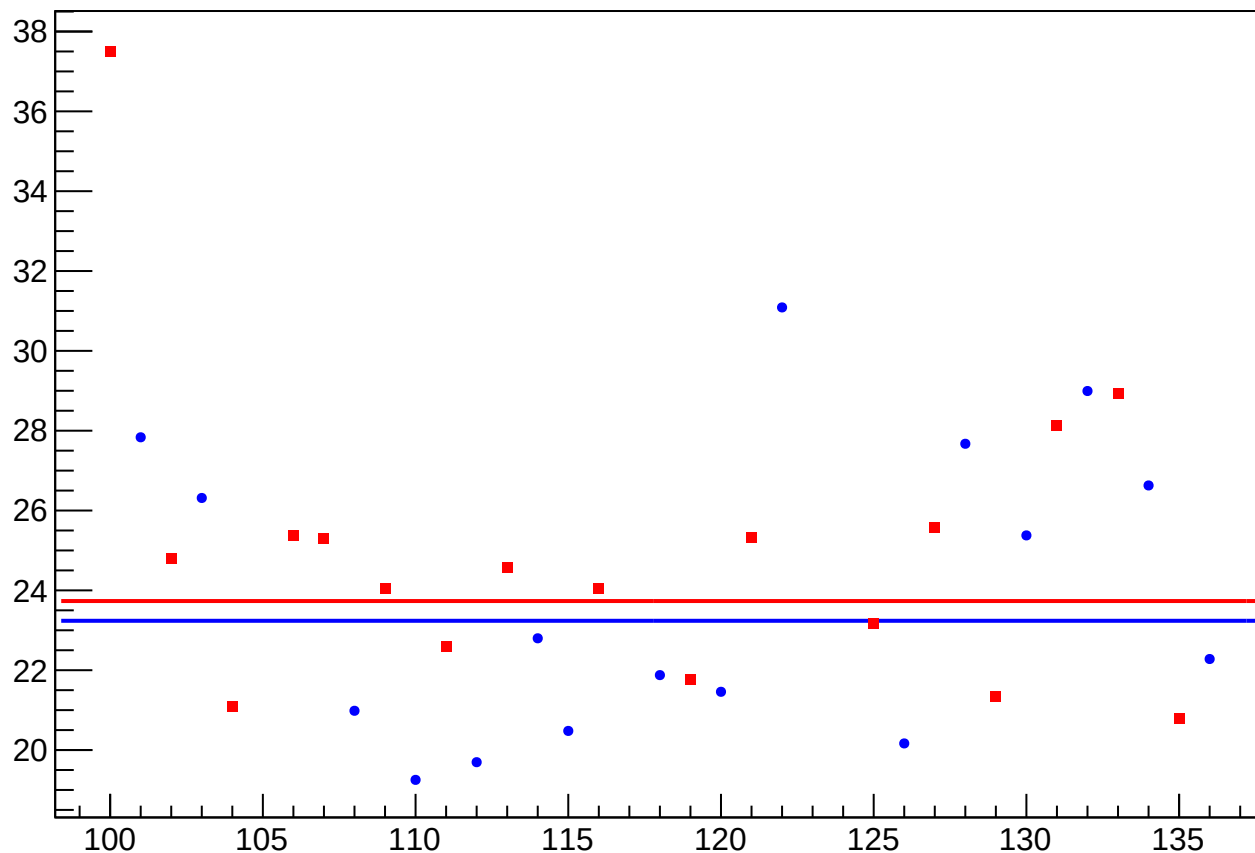
Right: -0.004 ± 0.007 χ^2/NDF : 22.6/32

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 : 22.6/32

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: 23.733+/-0.007 χ^2/NDF : 126140.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

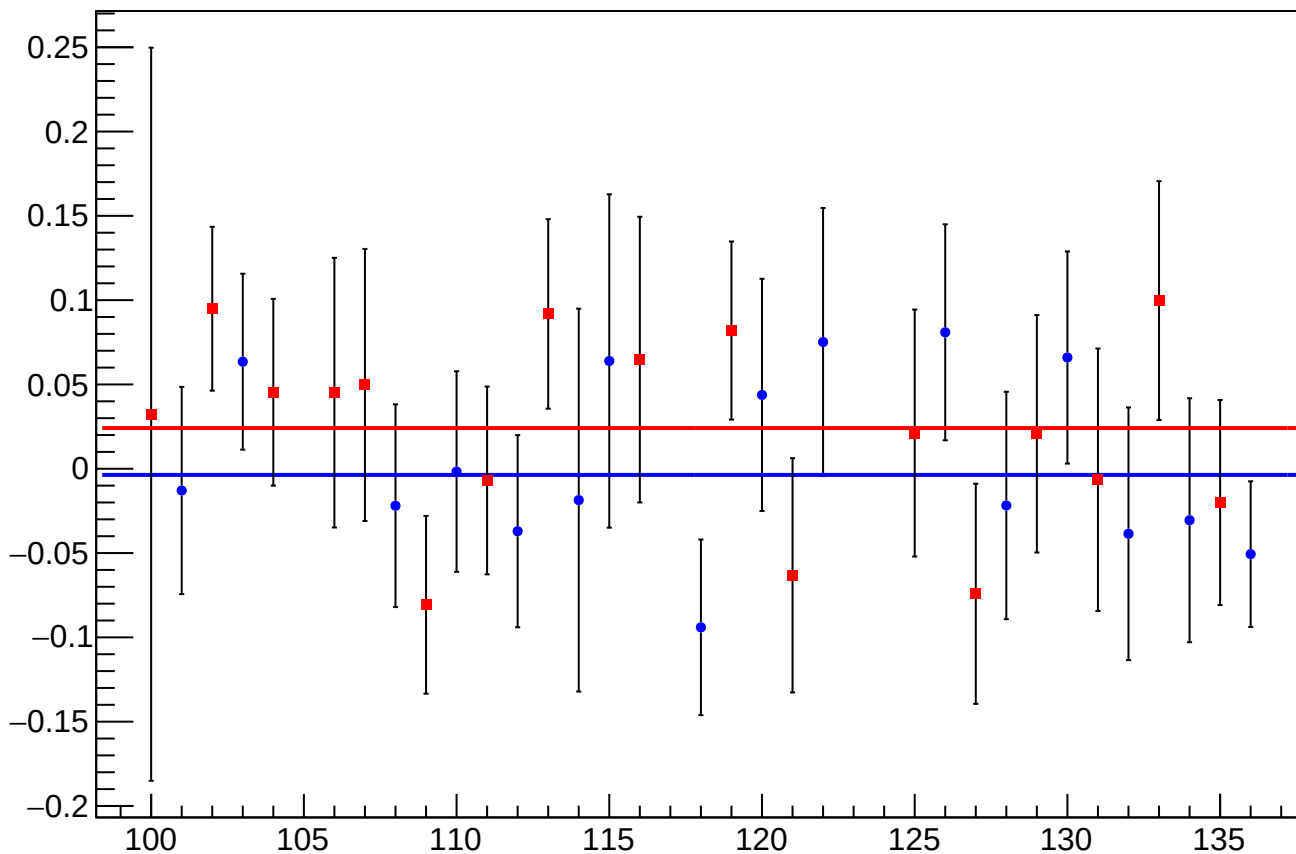
Right: 23.480+/-0.005 χ^2/NDF : 388171.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.480+/-0.005 χ^2/NDF : 388171.4/32

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.016 χ^2/NDF : 11.7/15

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

Right Out: 0.024 ± 0.016 χ^2/NDF : 15.3/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

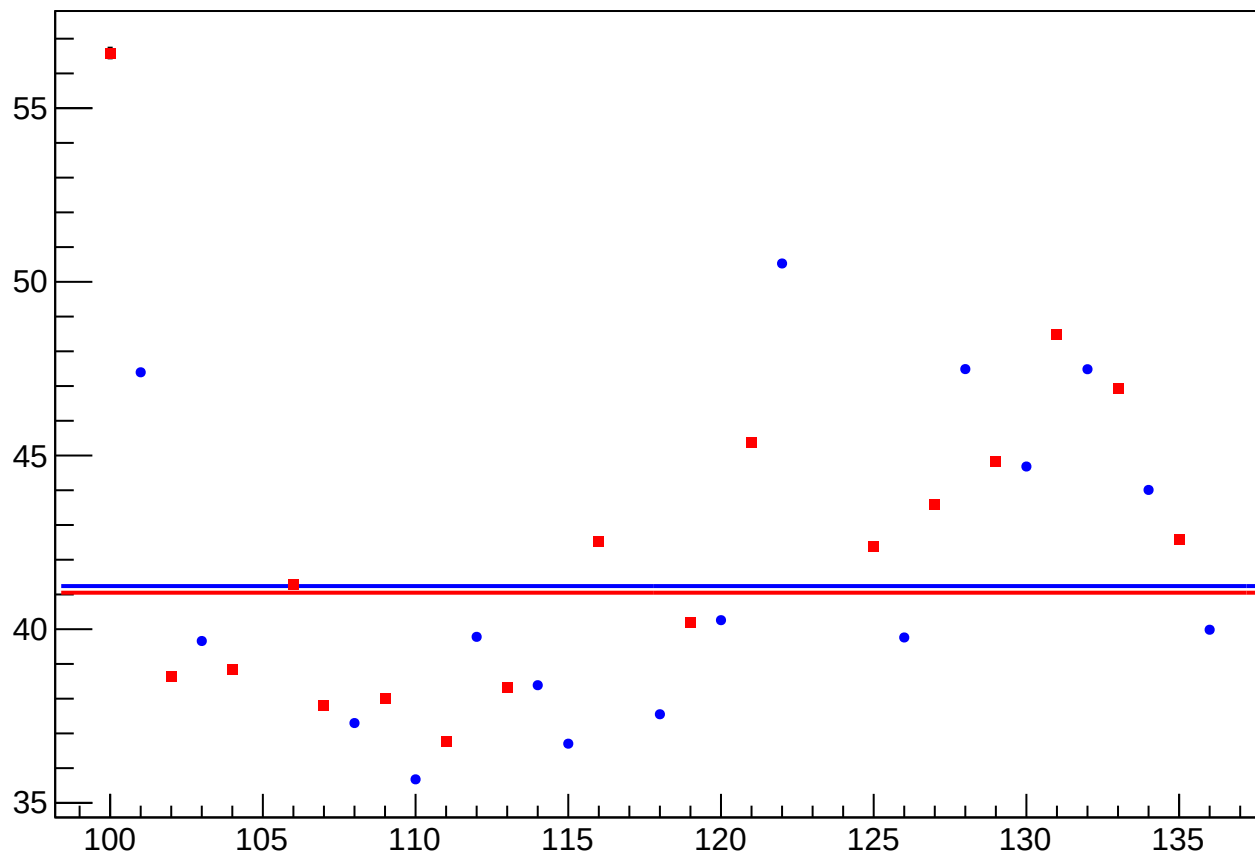
Right: 0.010 ± 0.011 χ^2/NDF : 28.5/32

In: -0.004 ± 0.016 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.011 χ^2/NDF : 28.5/32

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: 41.051+/-0.011 χ^2/NDF : 96555.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

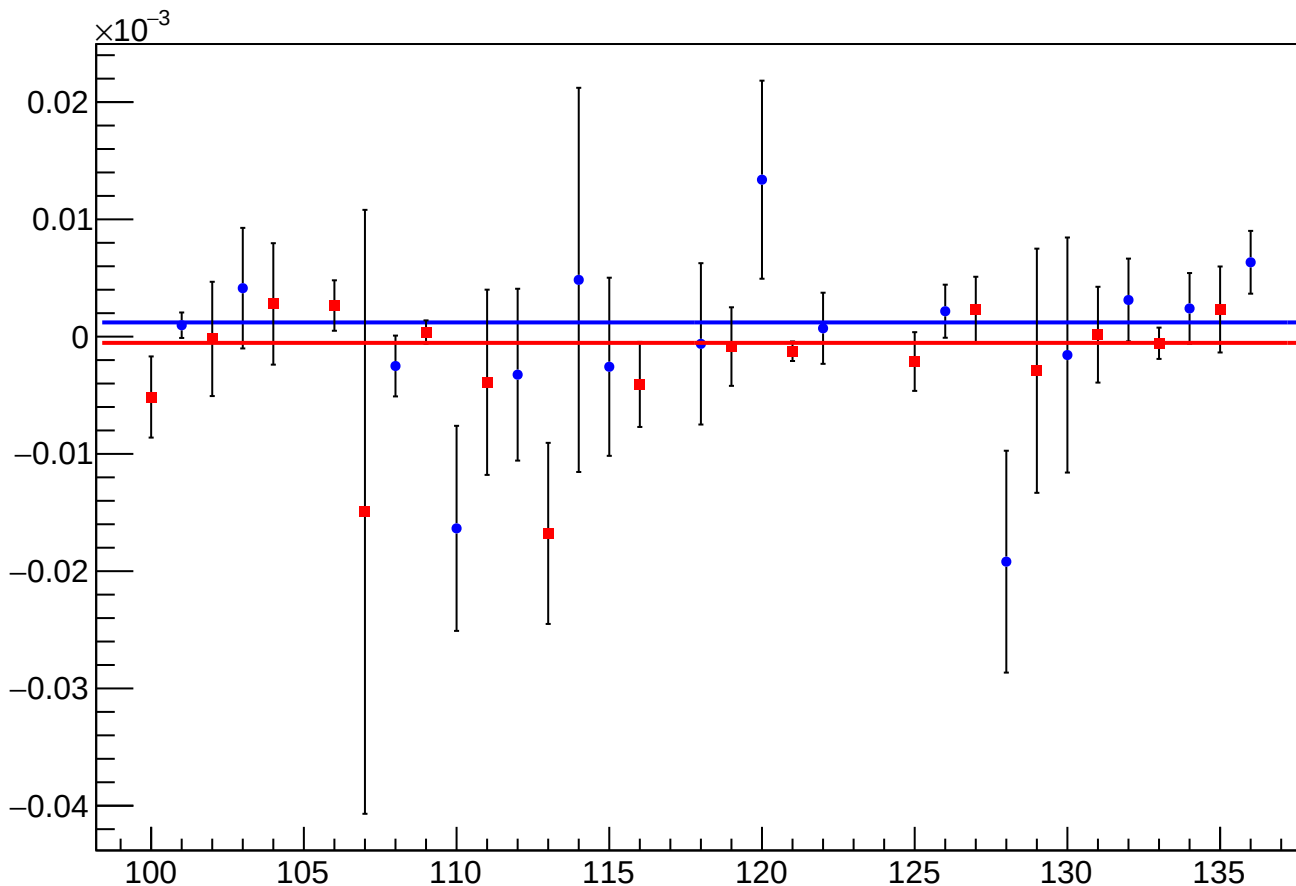
Right: 41.146+/-0.008 χ^2/NDF : 231982.2/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 41.146+/-0.008 χ^2/NDF : 231982.2/32

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 : 13.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

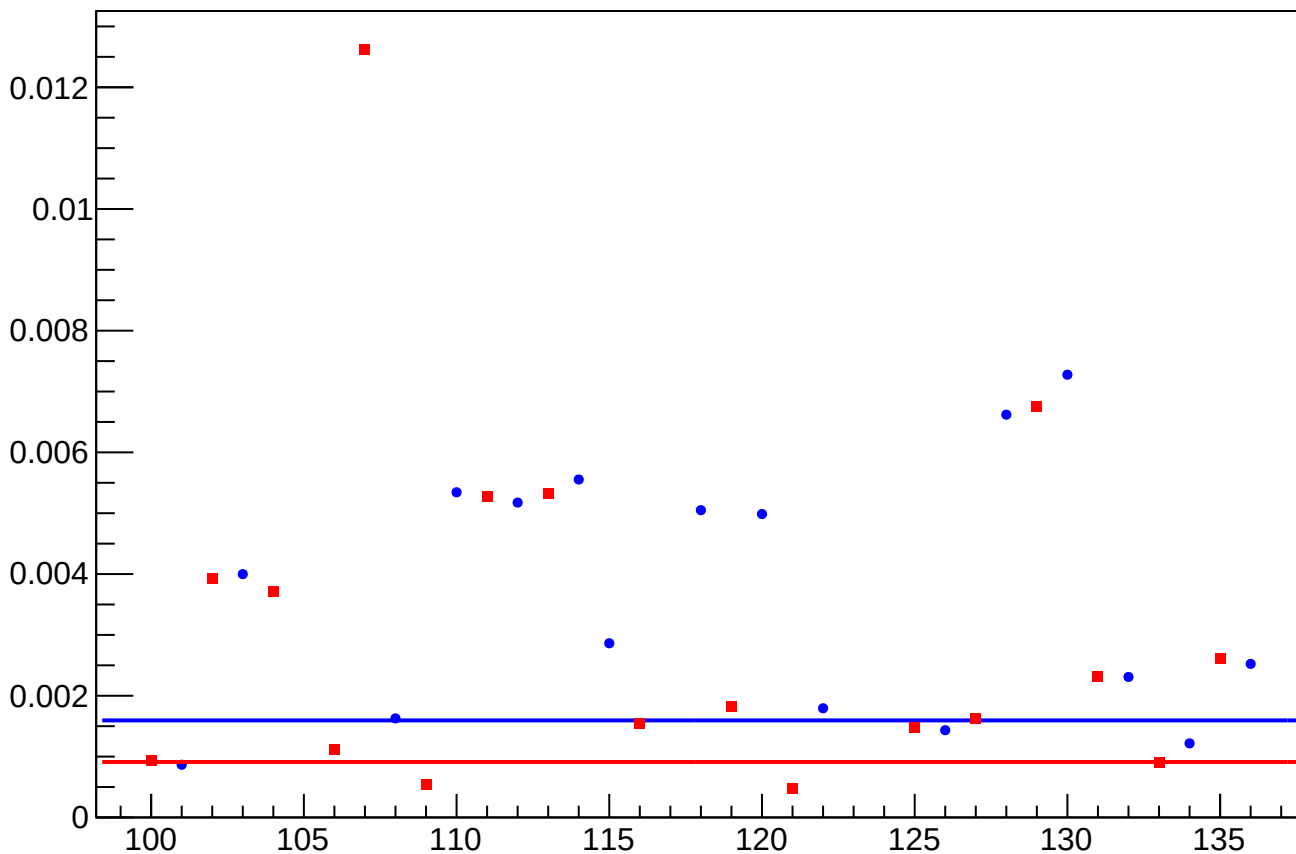
Right: 0.000+/-0.000 χ^2/NDF : 36.0/32

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 : 36.0/32

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 : 5608825.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

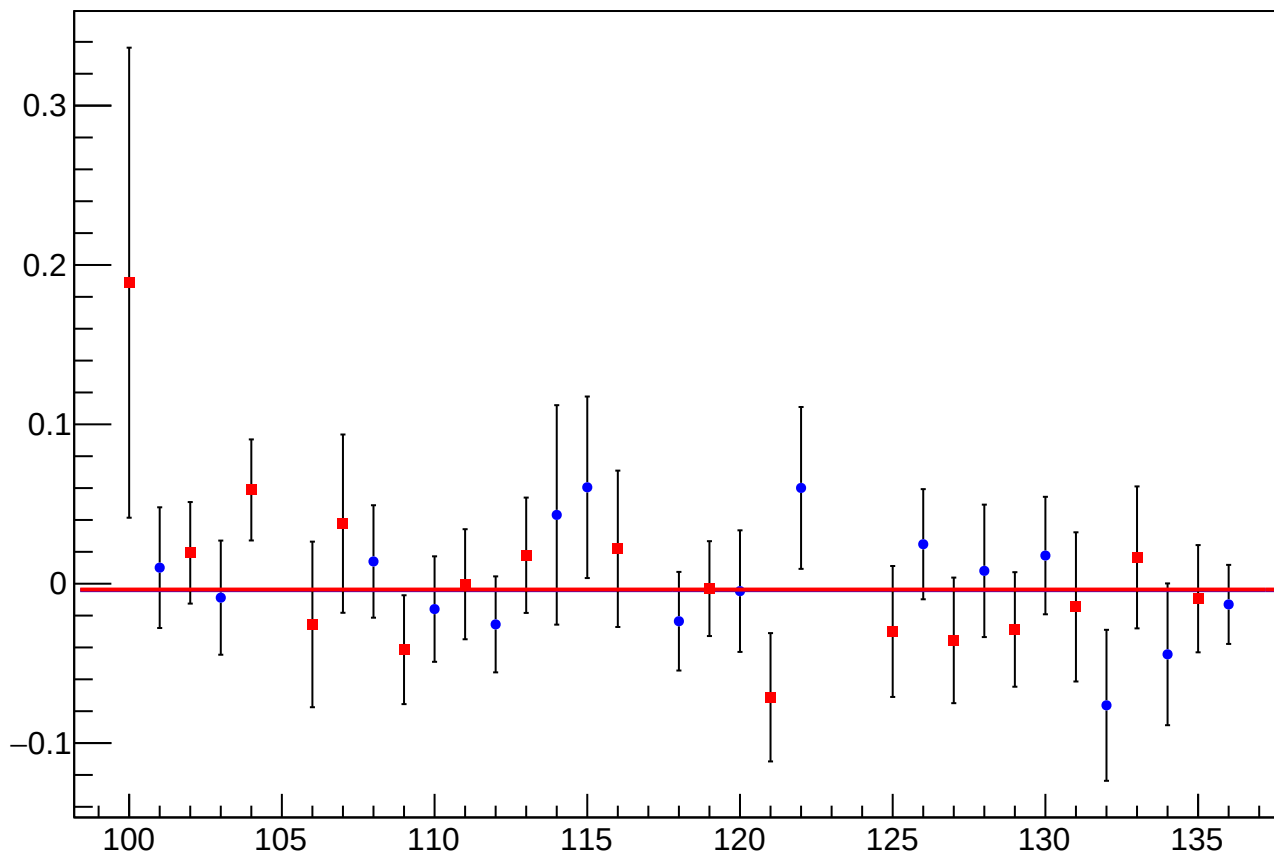
Right: 0.001+/-0.000 χ^2/NDF : 11522620.6/32

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 : 11522620.6/32

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: 13.4/16

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

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

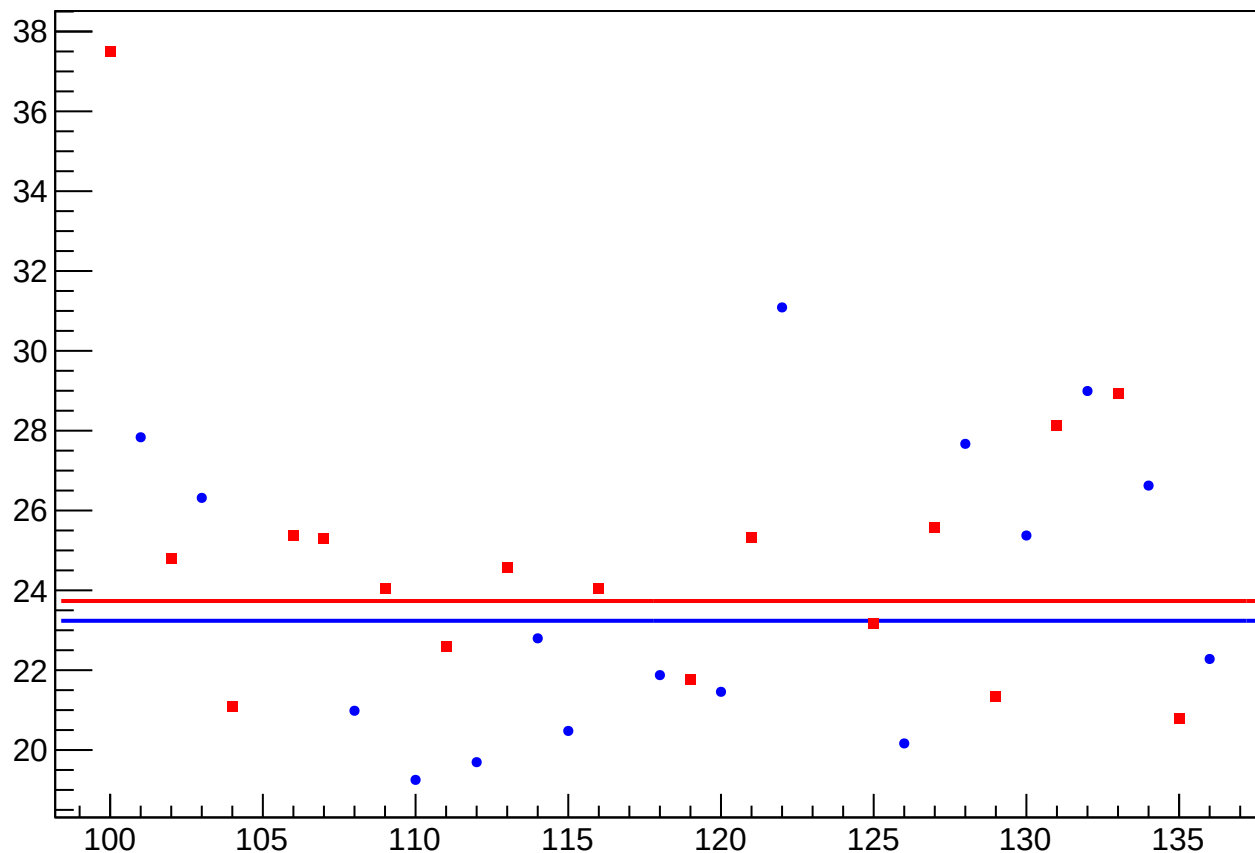
Right: -0.004 $\pm$ 0.007 χ^2 /NDF: 22.6/32

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: 22.6/32

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: 23.733+/-0.007 χ^2/NDF : 126089.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

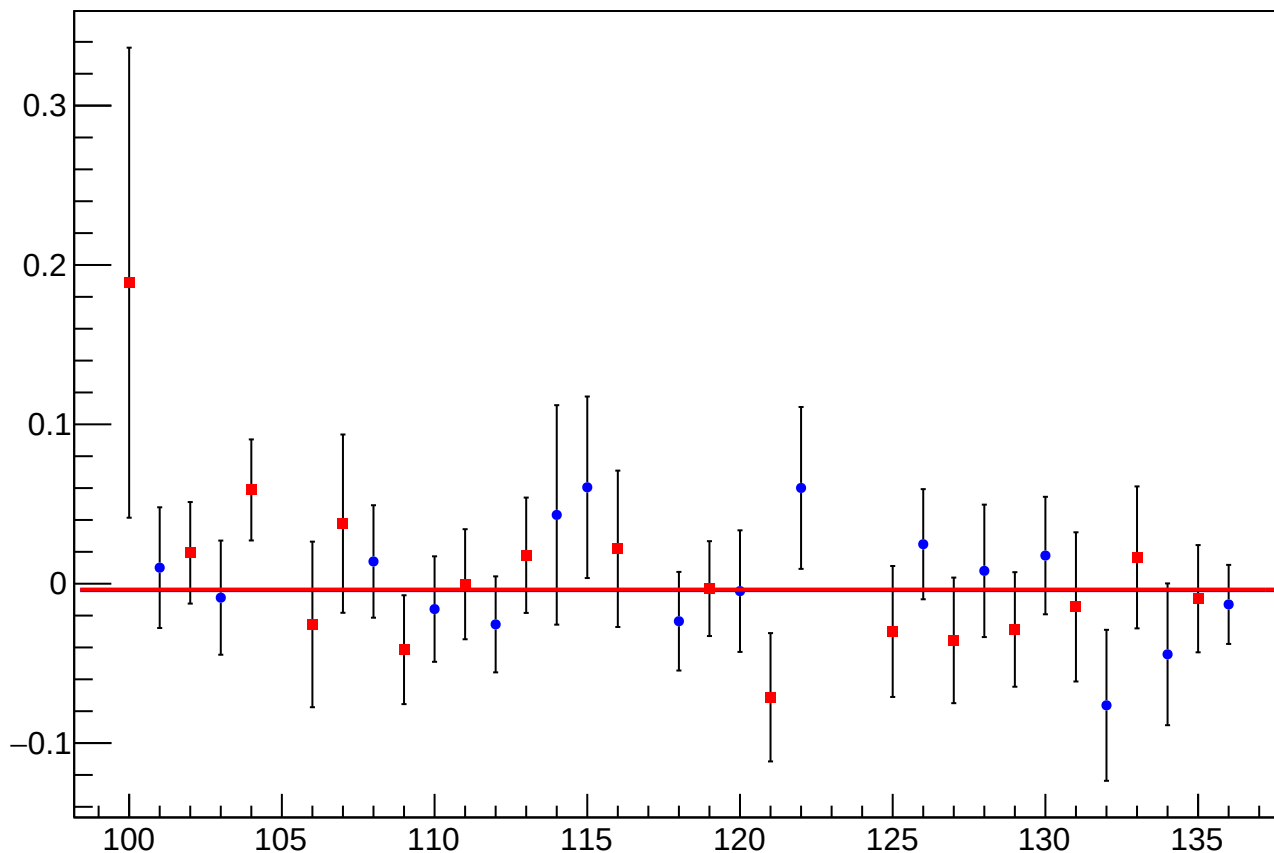
Right: 23.480+/-0.005 χ^2/NDF : 388119.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.480+/-0.005 χ^2/NDF : 388119.5/32

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 : 13.4/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

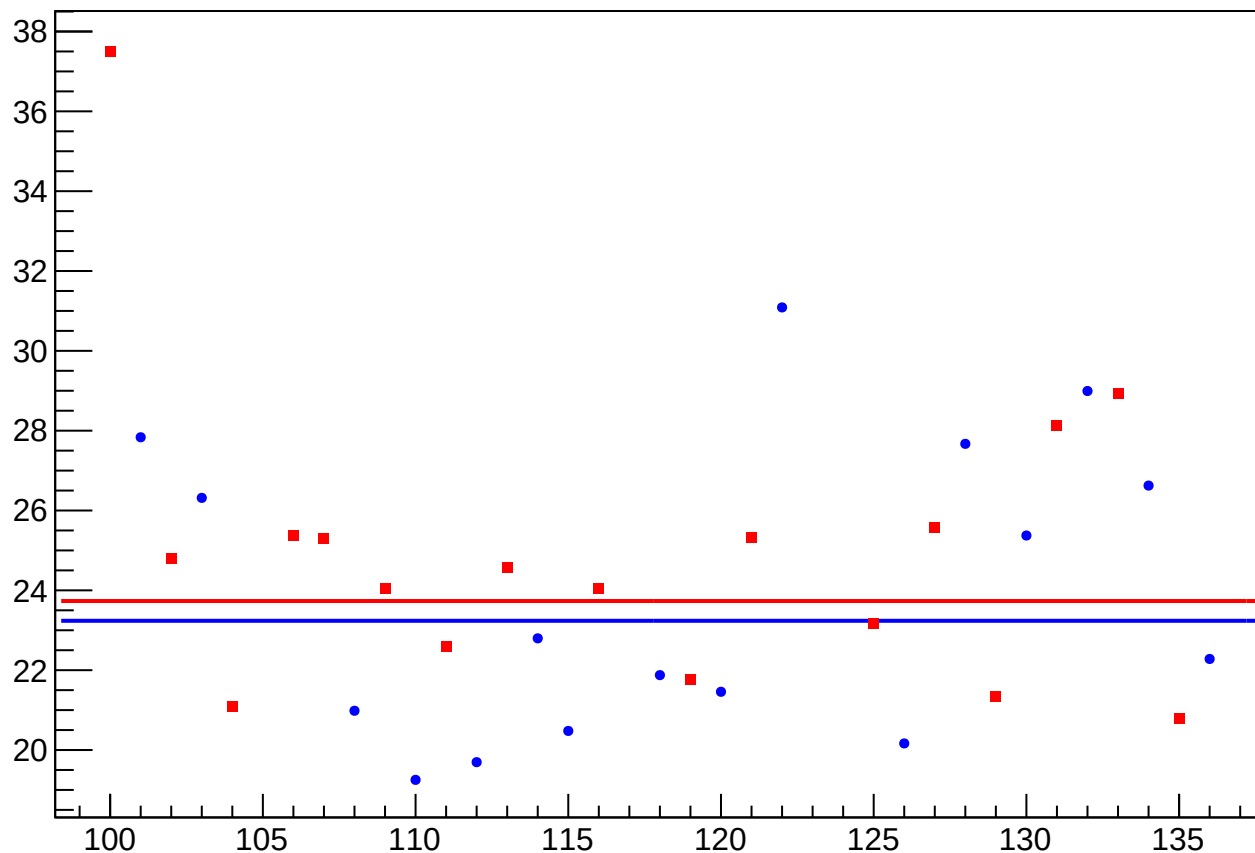
Right: -0.004 ± 0.007 χ^2/NDF : 22.6/32

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 : 22.6/32

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: 23.733+/-0.007 χ^2/NDF : 126089.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

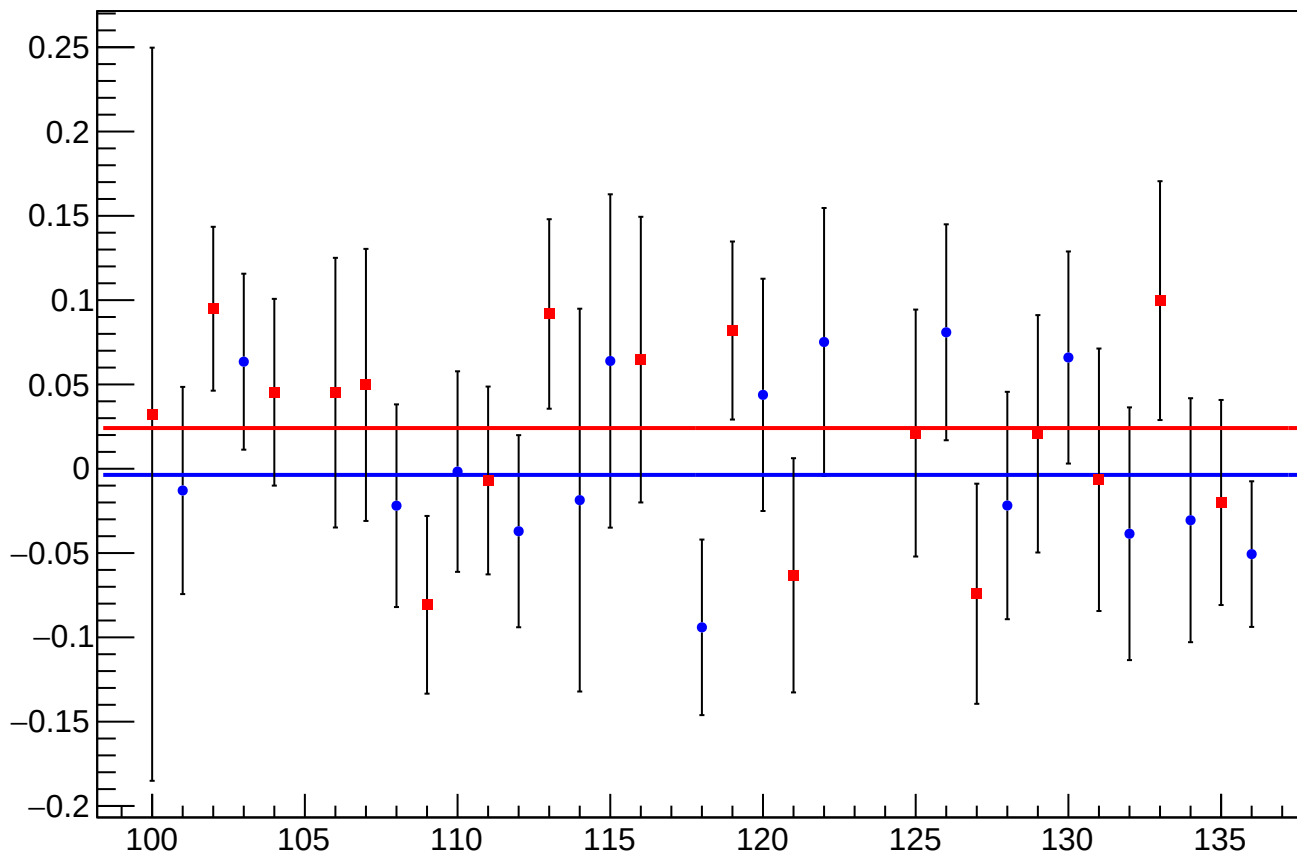
Right: 23.480+/-0.005 χ^2/NDF : 388119.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.480+/-0.005 χ^2/NDF : 388119.5/32

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.004 ± 0.016 χ^2/NDF : 11.7/15

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

Right Out: 0.024 ± 0.016 χ^2/NDF : 15.3/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

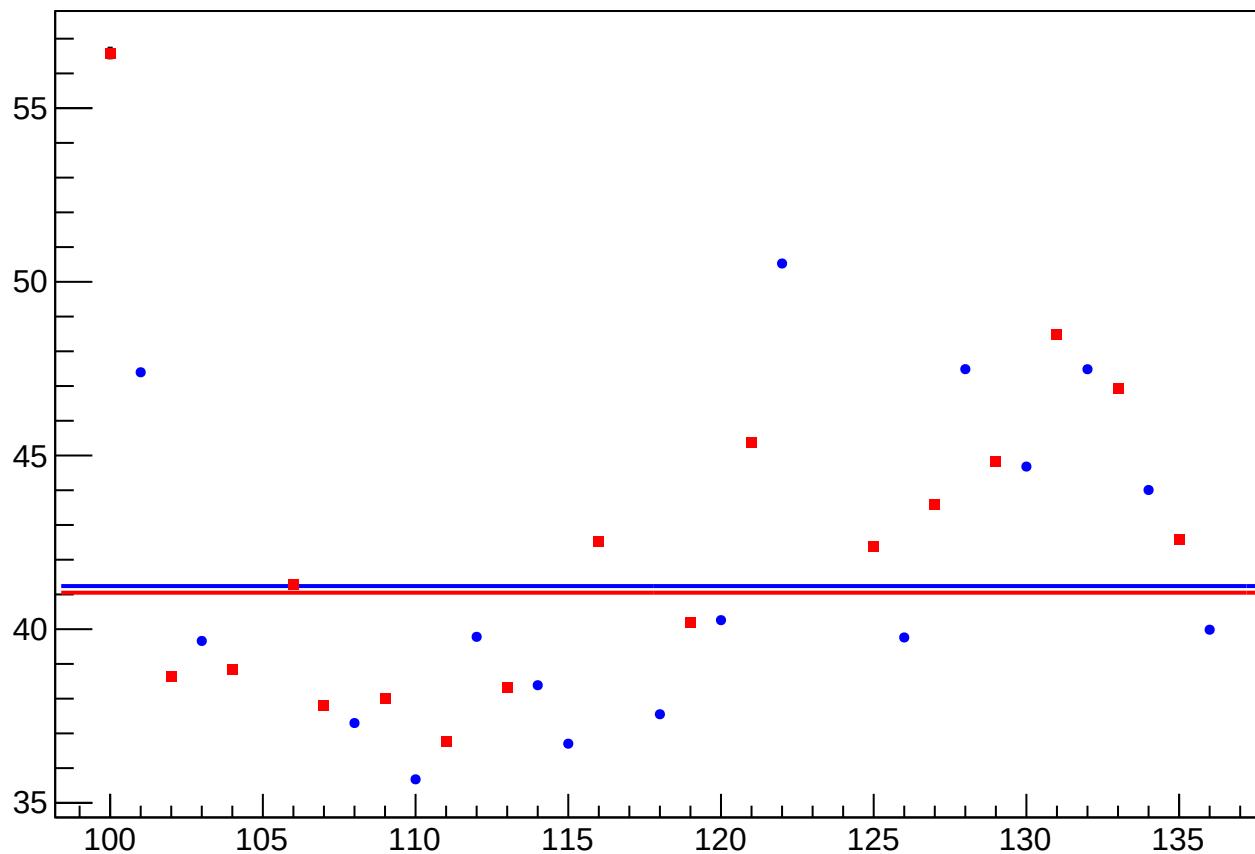
Right: 0.010 ± 0.011 χ^2/NDF : 28.5/32

In: -0.004 ± 0.016 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.011 χ^2/NDF : 28.5/32

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug, Sign Corrected



Right In: 41.241 $\pm$ 0.011 χ^2 /NDF: 135256.9/15

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

Right Out: 41.051 $\pm$ 0.011 χ^2 /NDF: 96544.7/16

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

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

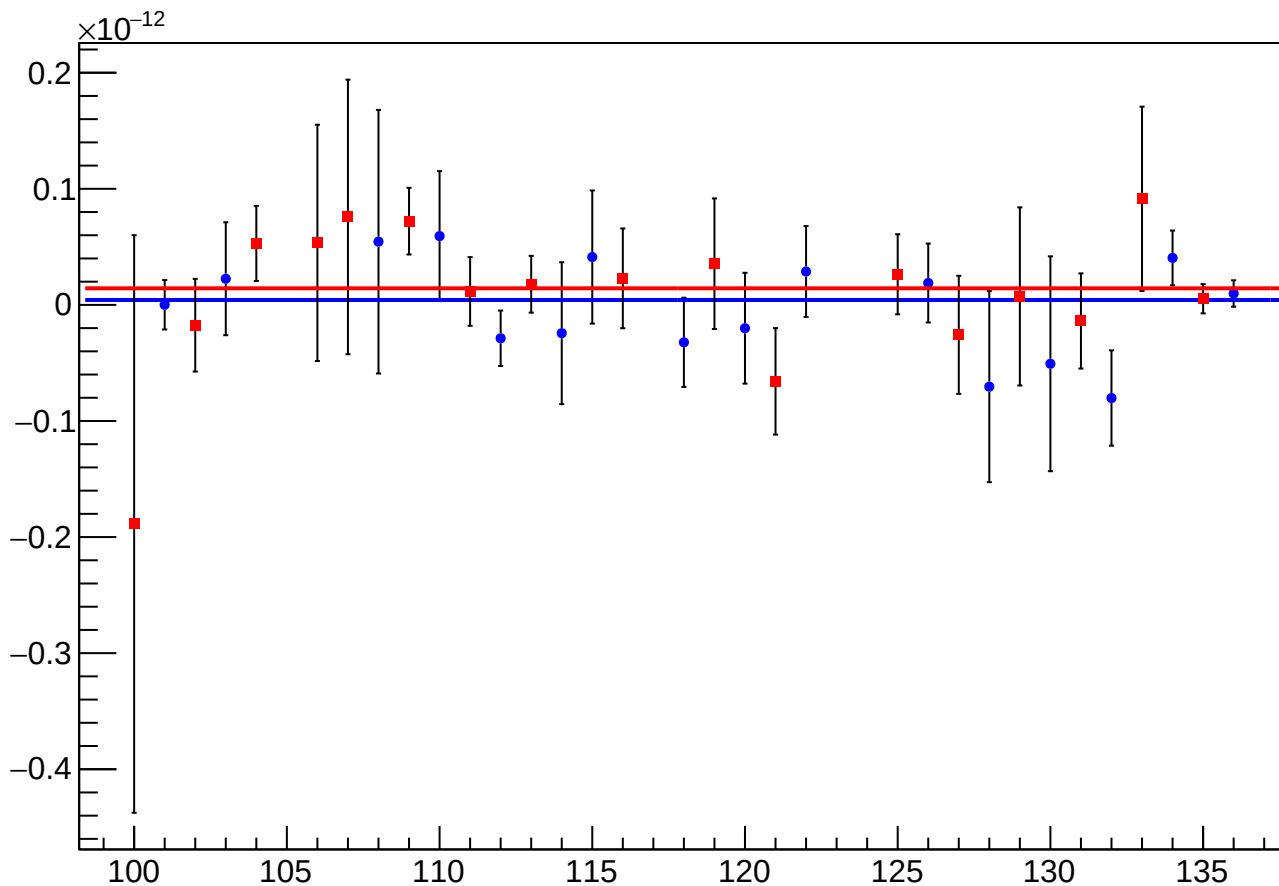
Right: 41.146 $\pm$ 0.008 χ^2 /NDF: 231948.5/32

In: 41.241 $\pm$ 0.011 χ^2 /NDF:135256.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 41.146 $\pm$ 0.008 χ^2 /NDF: 231948.5/32

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 : 13.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

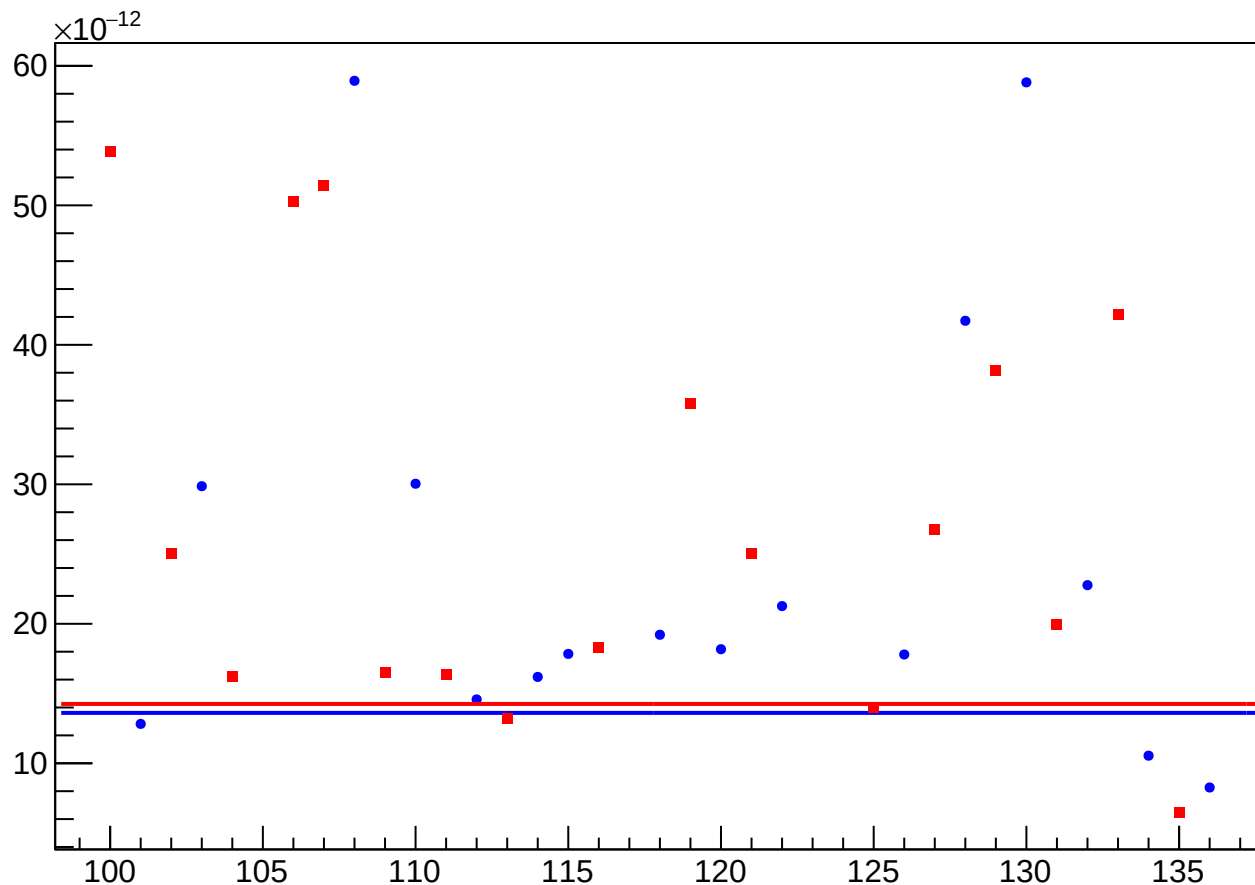
Right: 0.000+/-0.000 χ^2/NDF : 27.6/32

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 : 27.6/32

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 : 2470480.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

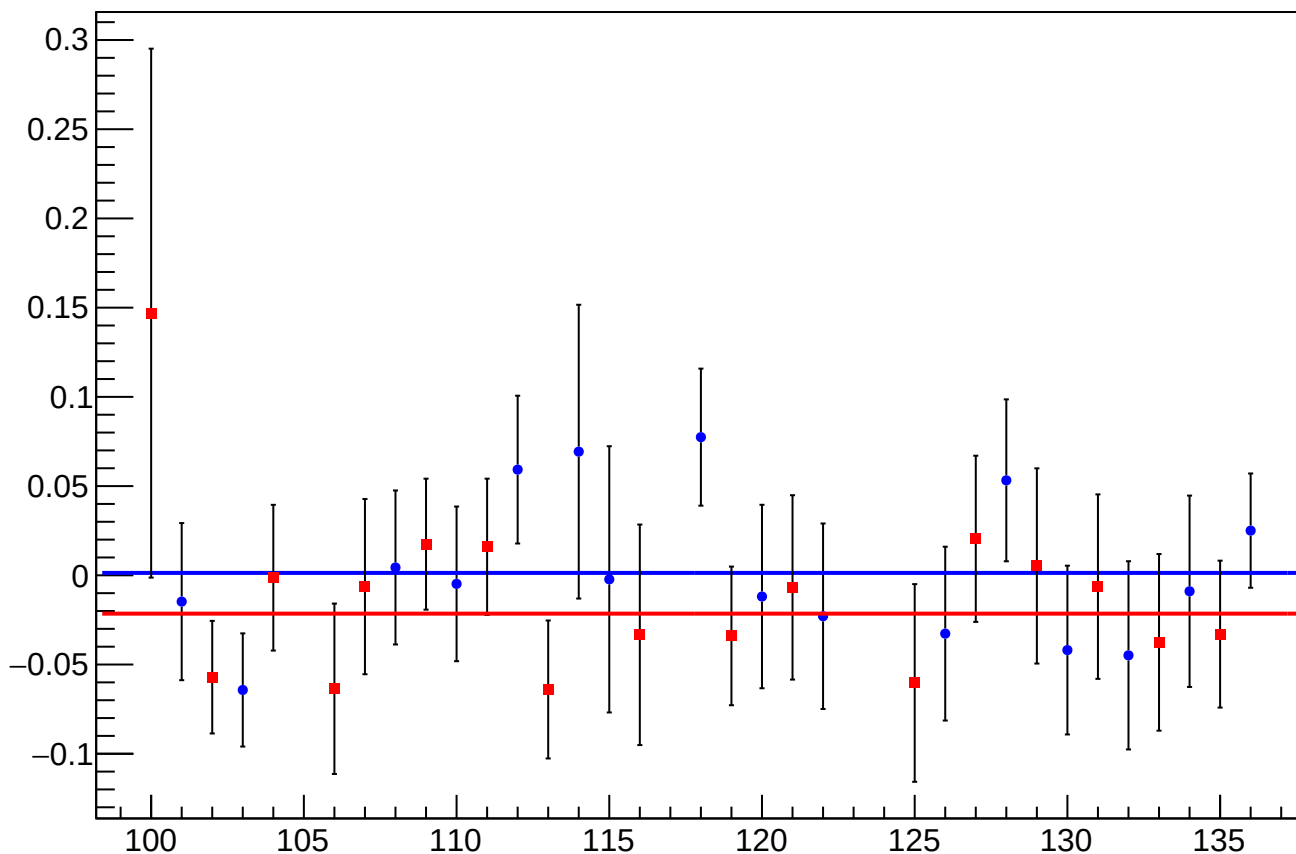
Right: 0.000+/-0.000 χ^2/NDF : 4666068.9/32

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 : 4666068.9/32

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: -0.021+/-0.011 χ^2/NDF : 9.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

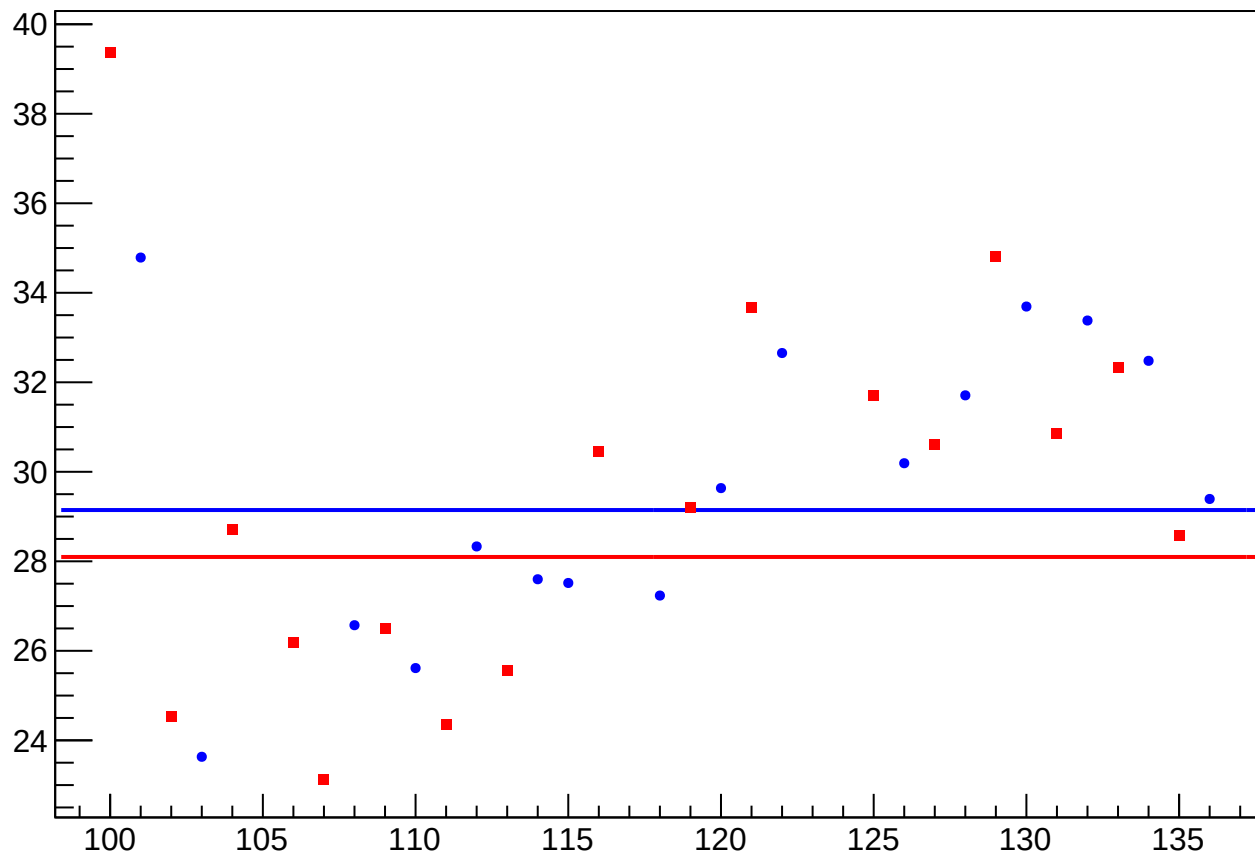
Right: -0.010+/-0.008 χ^2/NDF : 26.4/32

In: 0.001+/-0.011 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.010+/-0.008 χ^2/NDF : 26.4/32

asym_us_dd_overload_cor_vs_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: 28.097+/-0.008 χ^2/NDF : 185848.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

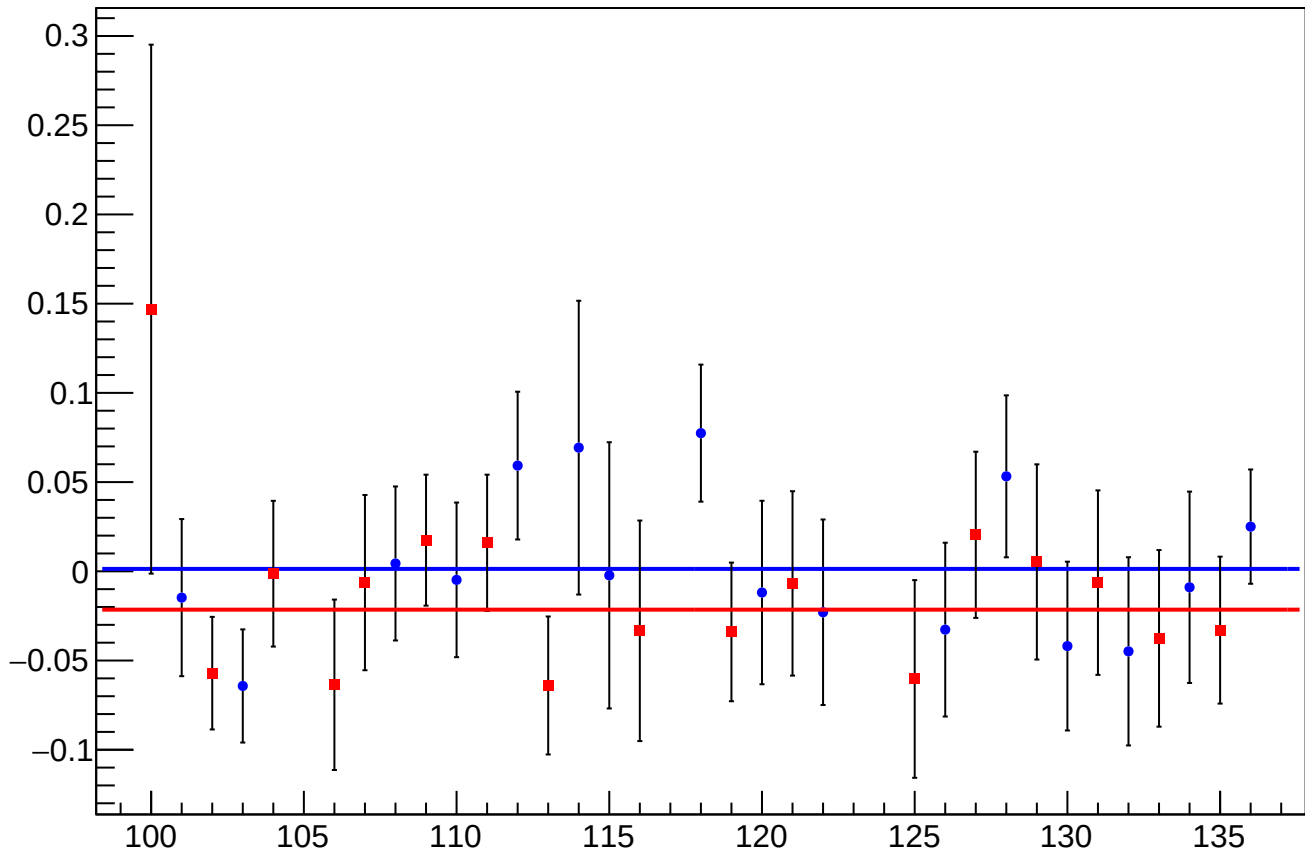
Right: 28.607+/-0.006 χ^2/NDF : 371718.4/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.607+/-0.006 χ^2/NDF : 371718.4/32

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: -0.021 $\pm$ 0.011 χ^2 /NDF: 9.0/16

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

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

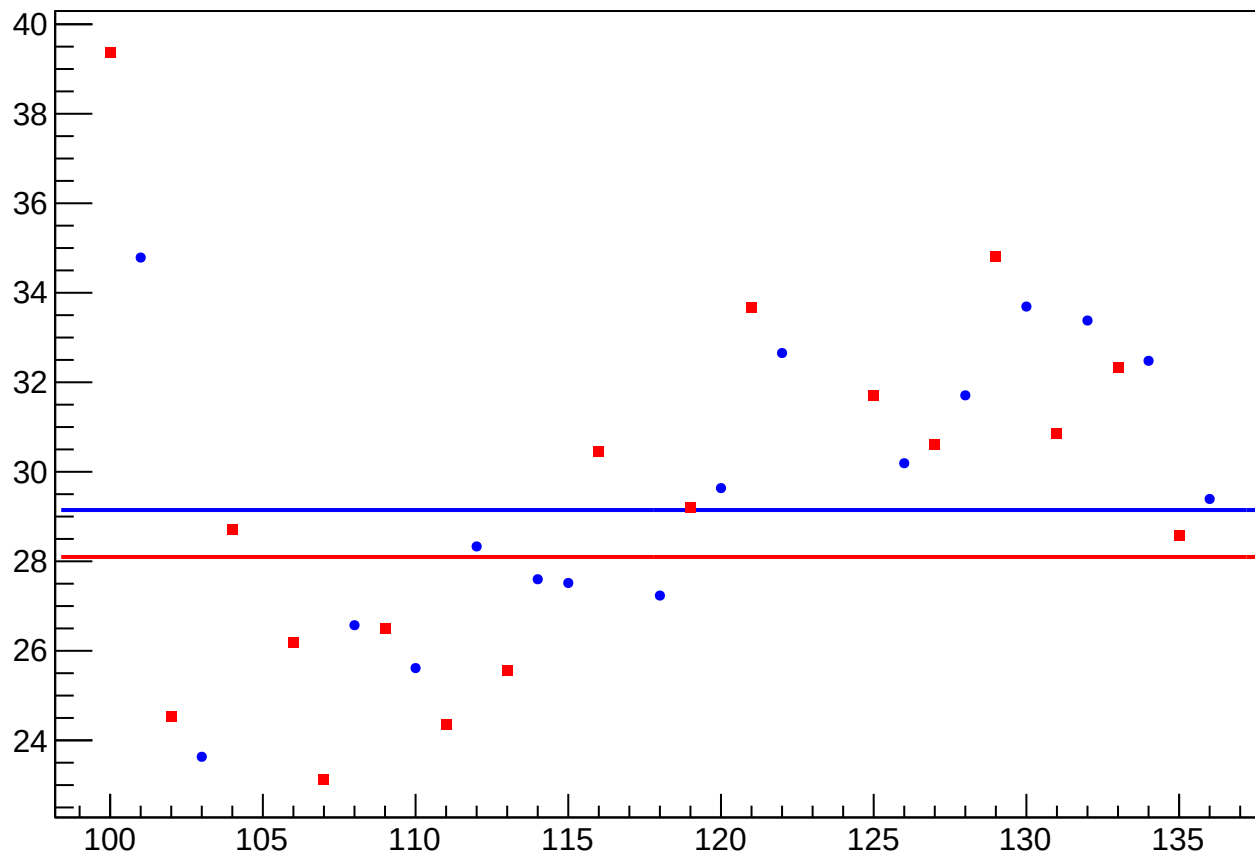
Right: -0.010 $\pm$ 0.008 χ^2 /NDF: 26.4/32

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: -0.010 $\pm$ 0.008 χ^2 /NDF: 26.4/32

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: 28.097+/-0.008 χ^2/NDF : 185848.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

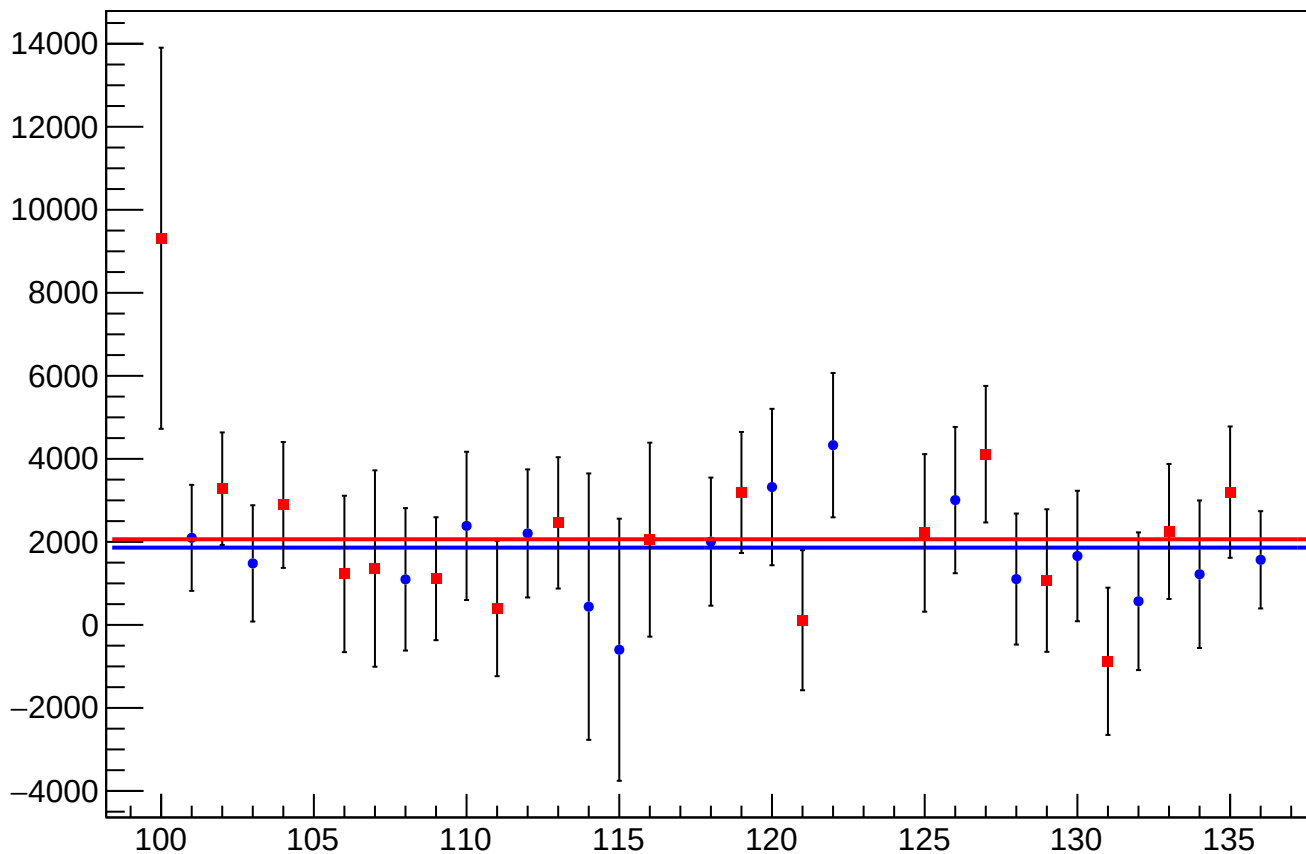
Right: 28.607+/-0.006 χ^2/NDF : 371718.4/32

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

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 28.607+/-0.006 χ^2/NDF : 371718.4/32

reg_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

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

Right Out: 2062.986+/-415.015 χ^2/NDF : 12.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

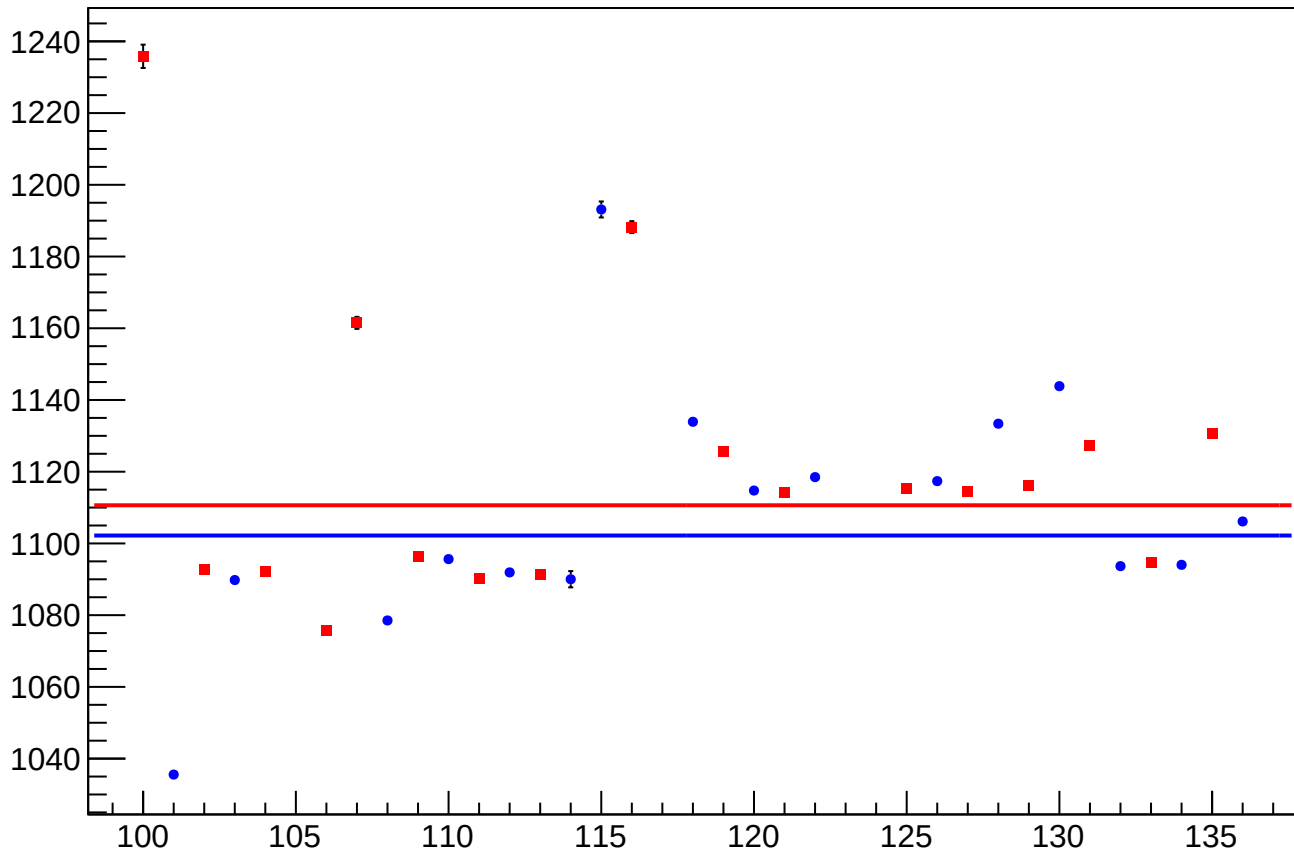
Right: 1960.914+/-291.499 χ^2/NDF : 18.0/32

In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1960.914+/-291.499 χ^2/NDF : 18.0/32

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: 1110.642+/-0.293 χ^2/NDF : 7695.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

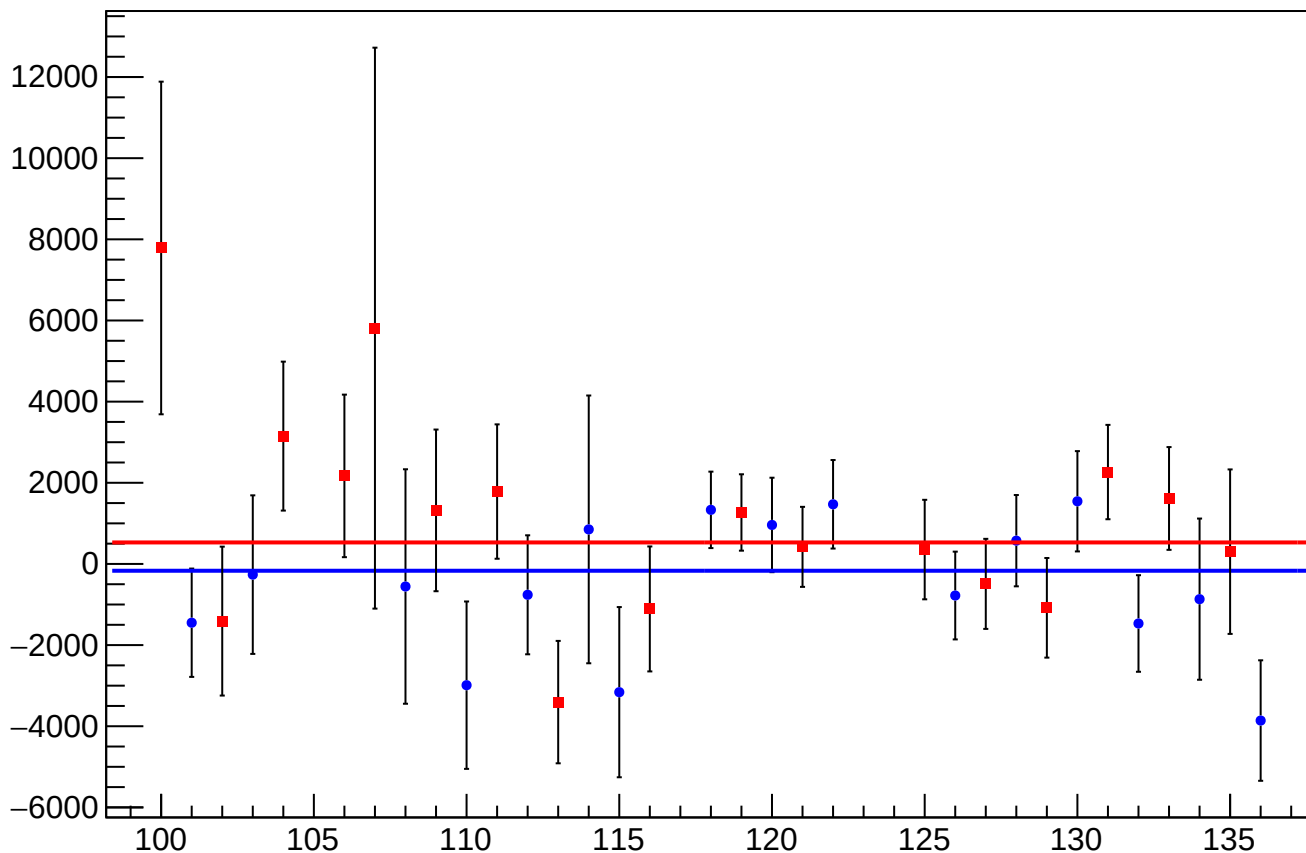
Right: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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: 529.713+/-346.994 χ^2/NDF : 22.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

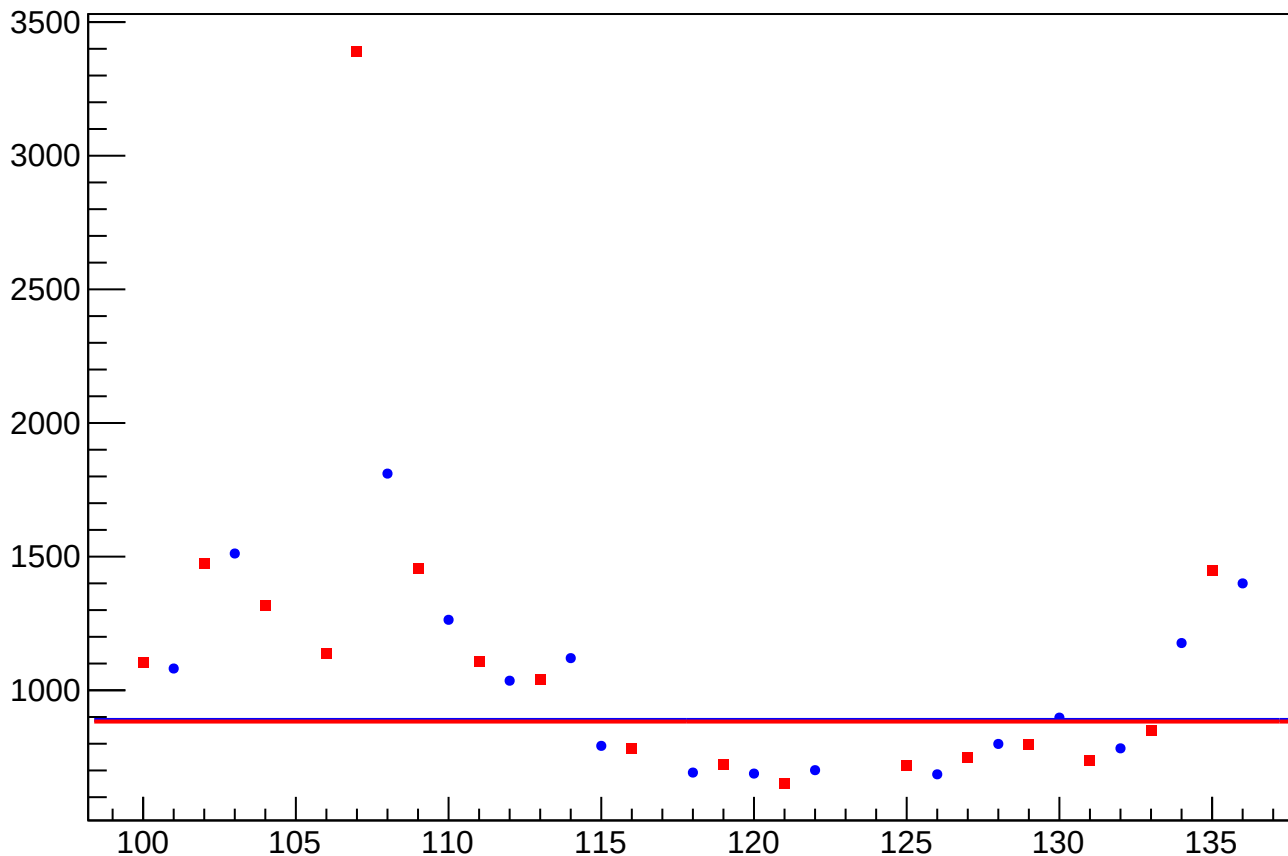
Right: 179.346+/-244.811 χ^2/NDF : 45.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.346+/-244.811 χ^2/NDF : 45.4/32

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: 882.934+/-0.245 χ^2/NDF : 1281971.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

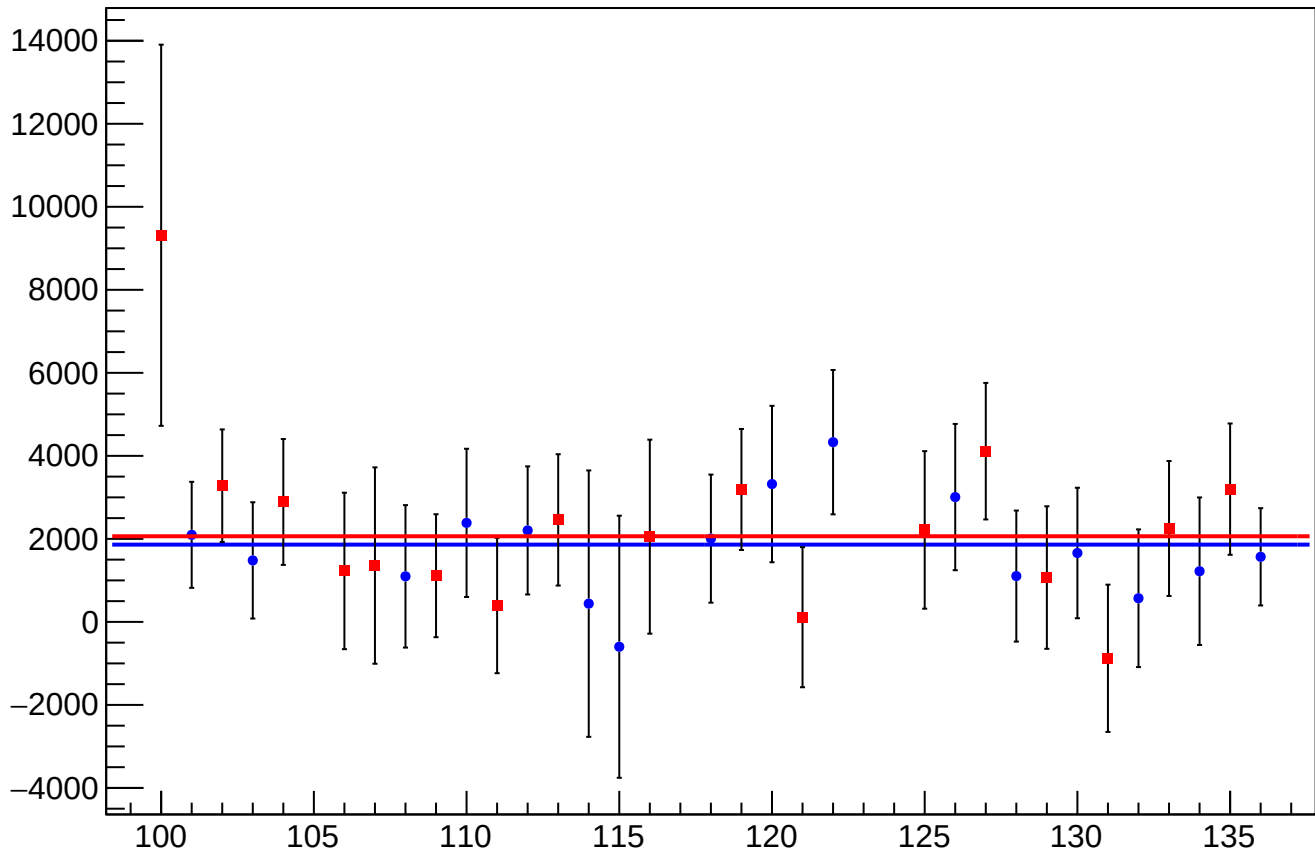
Right: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

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

Right Out: 2062.986+/-415.015 χ^2/NDF : 12.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

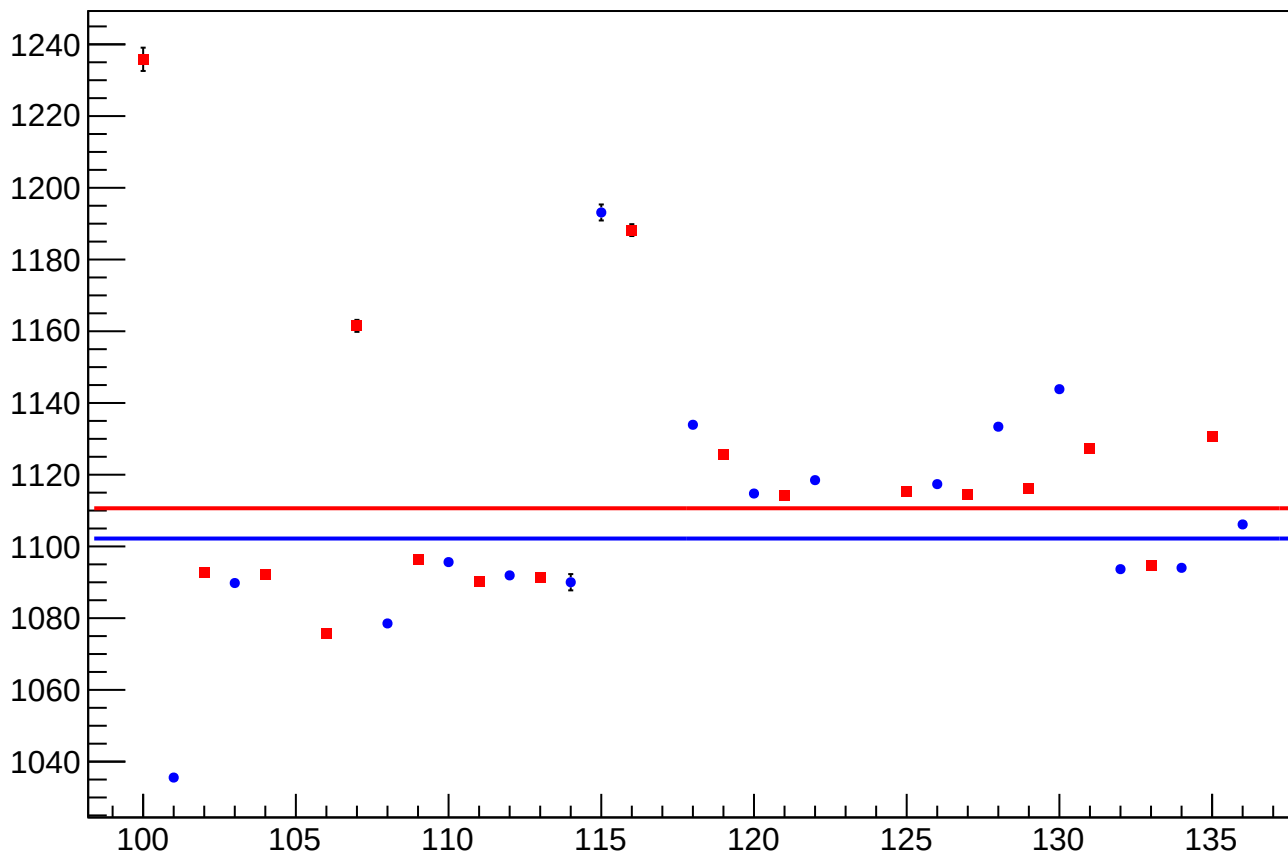
Right: 1960.914+/-291.499 χ^2/NDF : 18.0/32

In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1960.914+/-291.499 χ^2/NDF : 18.0/32

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: 1110.642+/-0.293 χ^2/NDF : 7695.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

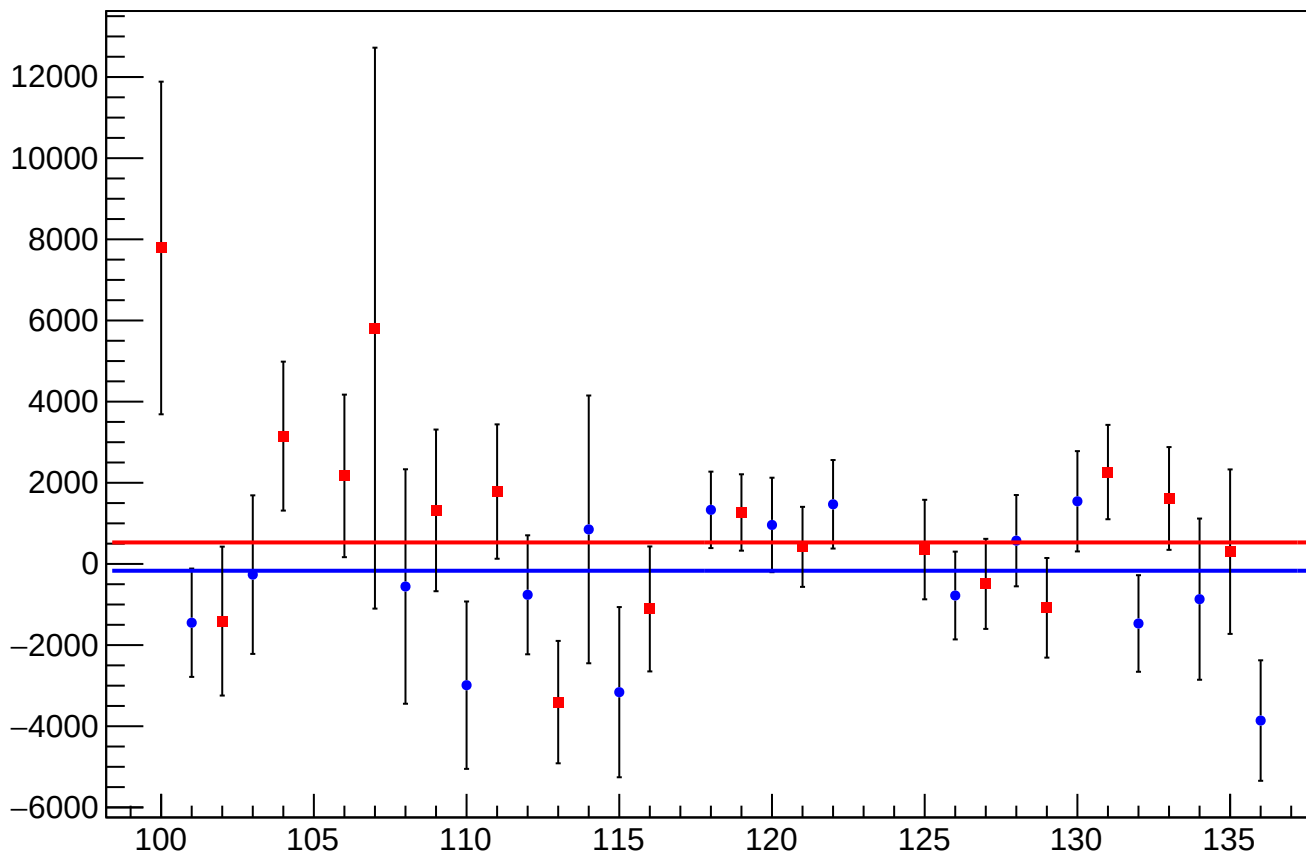
Right: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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: 529.713+/-346.994 χ^2/NDF : 22.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

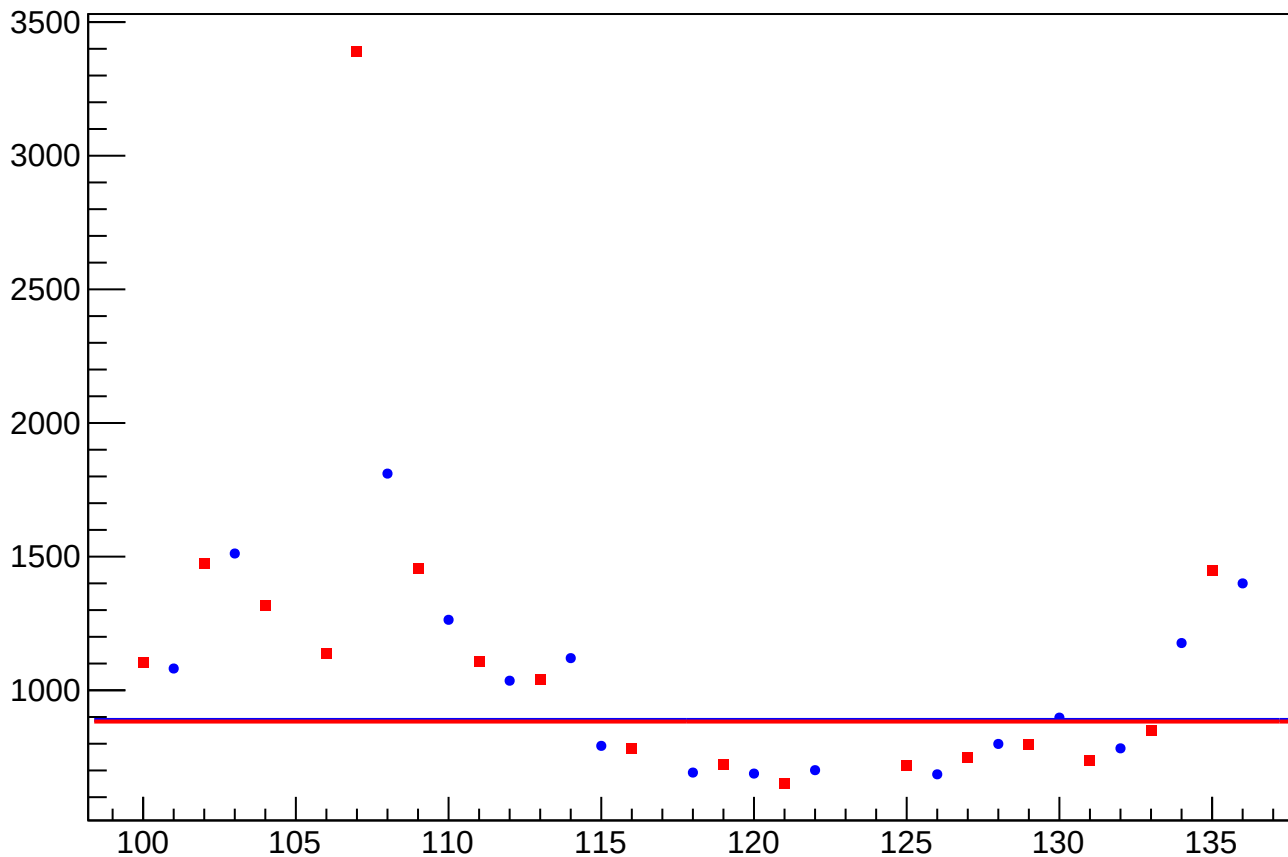
Right: 179.346+/-244.811 χ^2/NDF : 45.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.346+/-244.811 χ^2/NDF : 45.4/32

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: 882.934+/-0.245 χ^2/NDF : 1281971.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

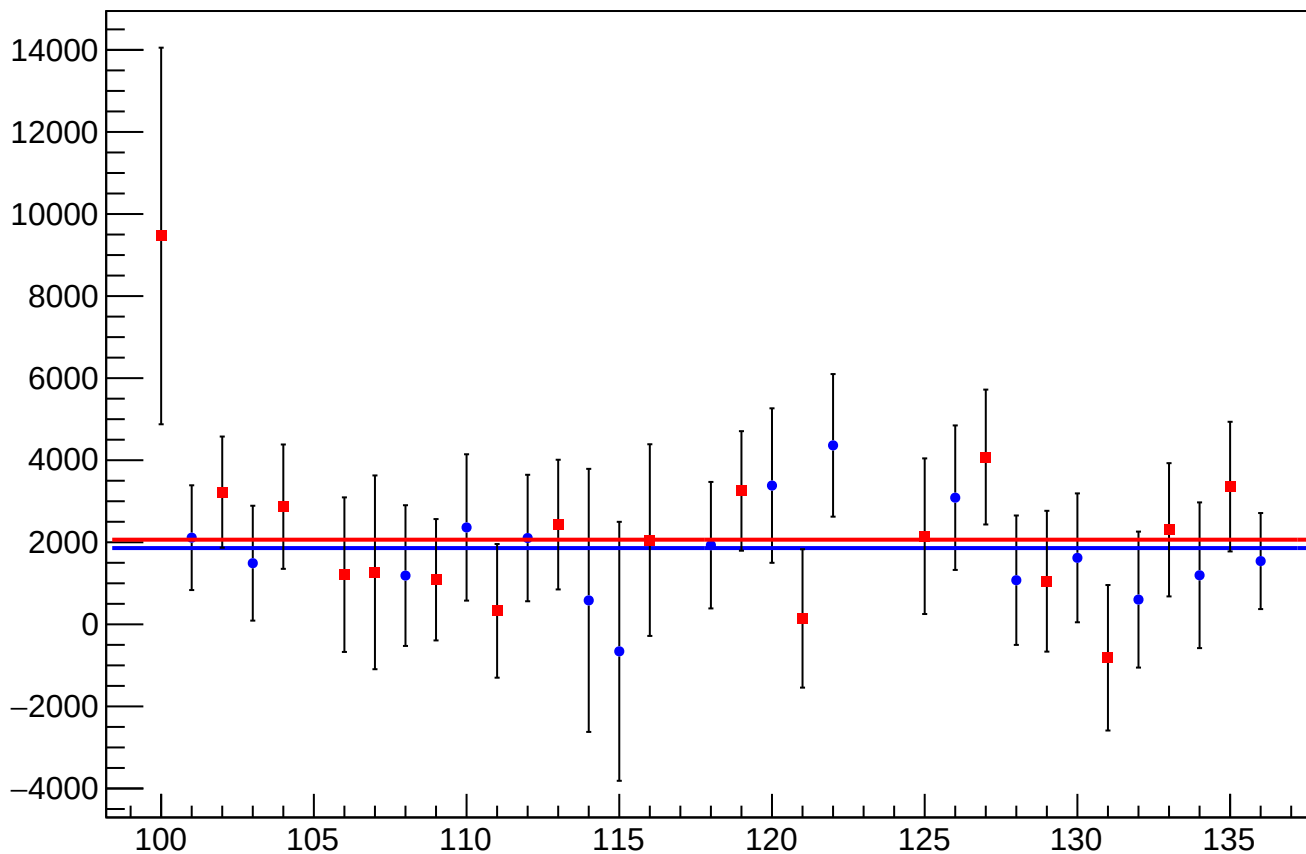
Right: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

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: 2063.419+/-414.663 χ^2/NDF : 12.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

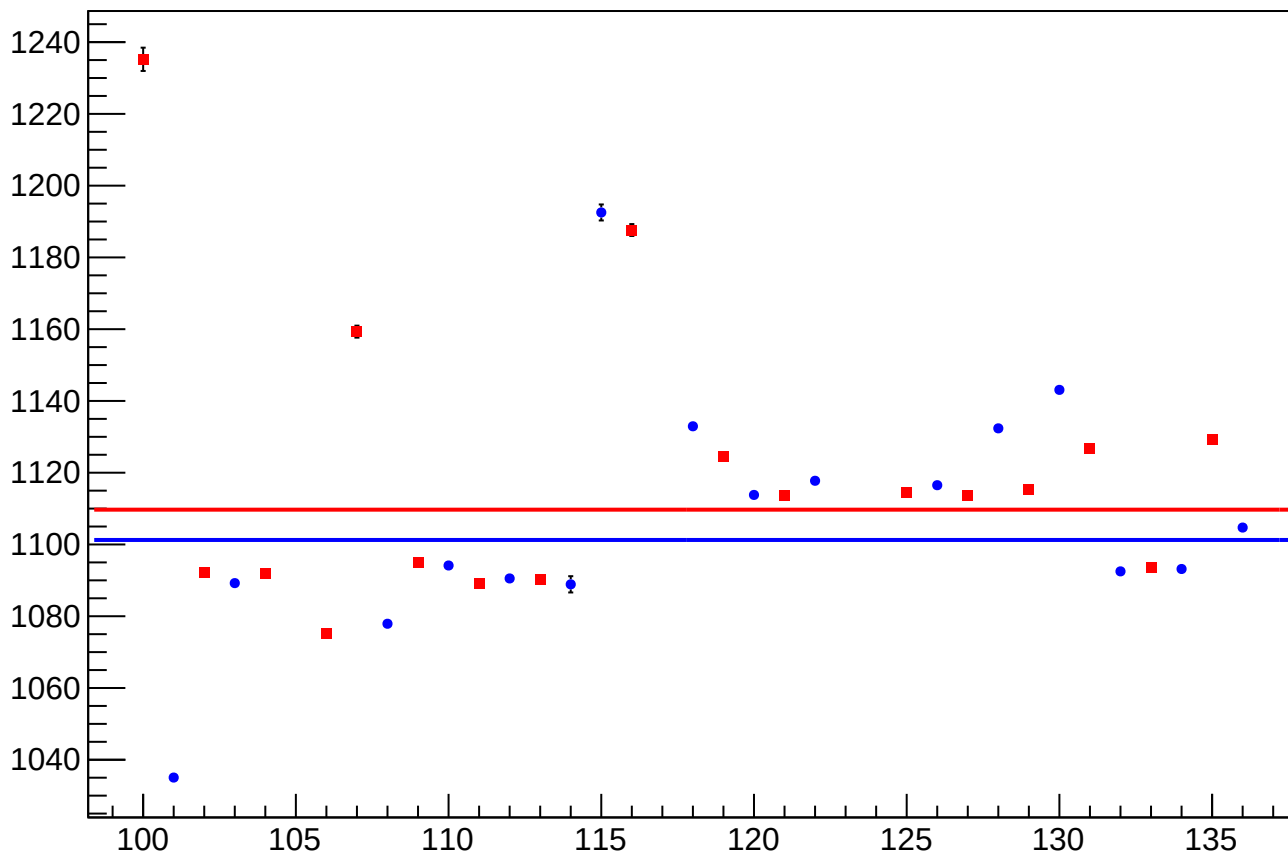
Right: 1959.686+/-291.249 χ^2/NDF : 18.3/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1959.686+/-291.249 χ^2/NDF : 18.3/32

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: 1109.699+/-0.293 χ^2/NDF : 7671.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

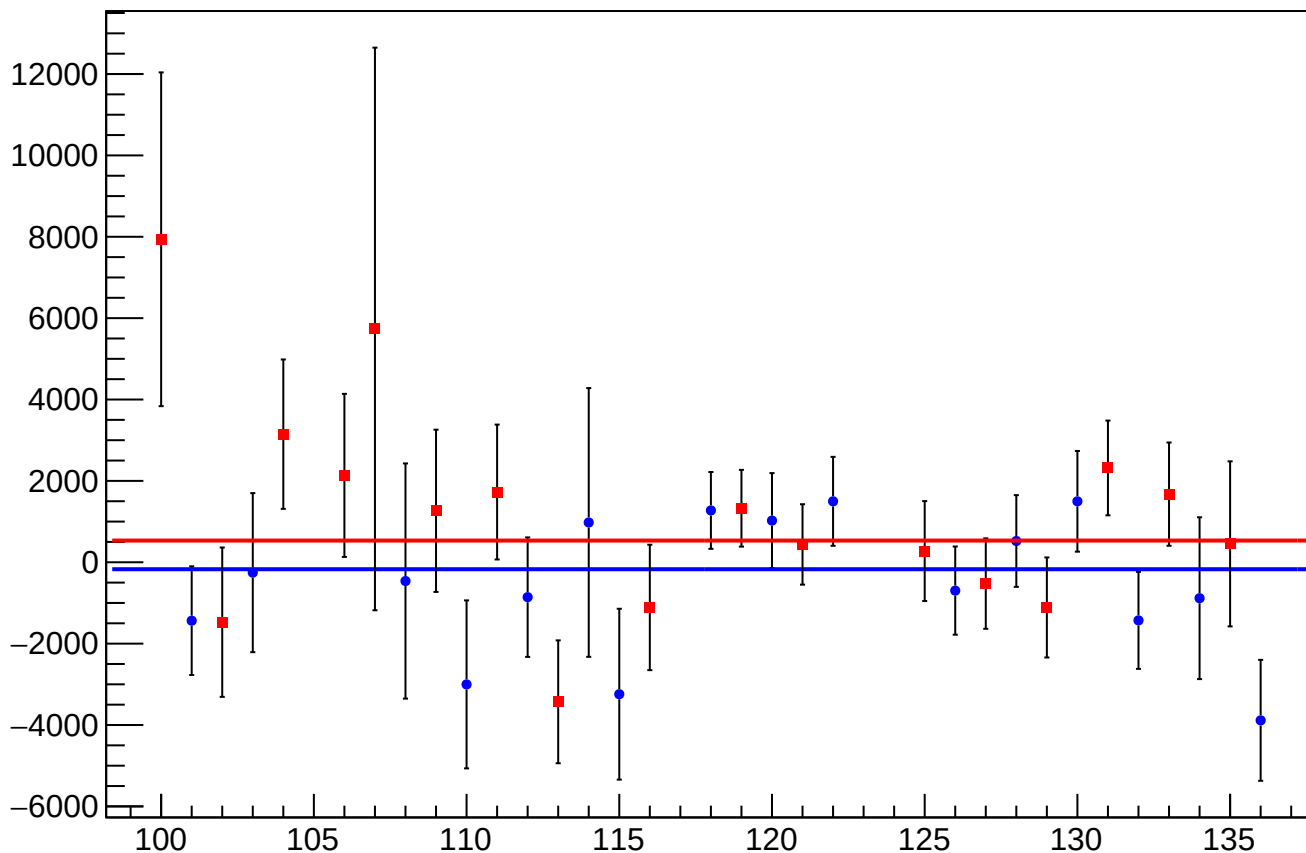
Right: 1105.420+/-0.206 χ^2/NDF : 19399.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.420+/-0.206 χ^2/NDF : 19399.5/32

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: 533.569+/-347.511 χ^2/NDF : 23.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

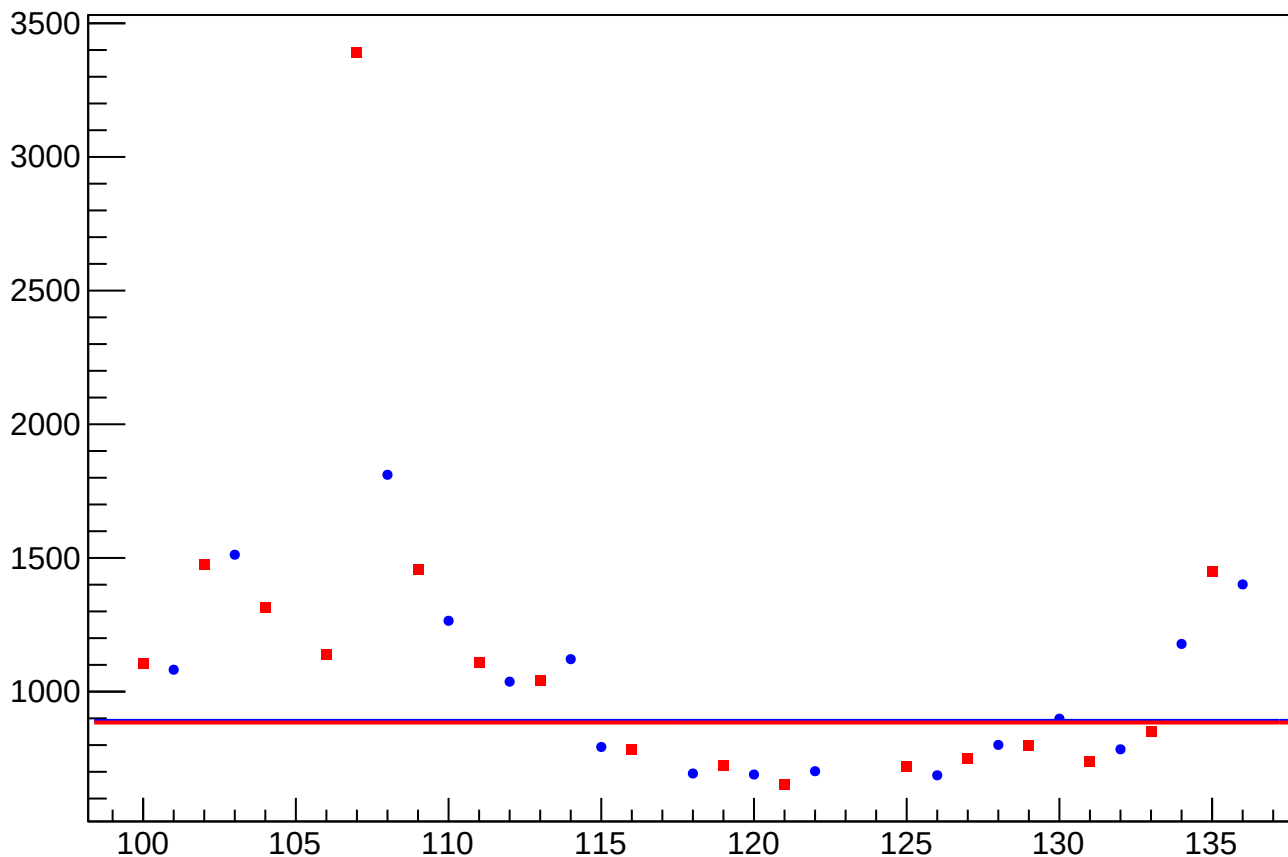
Right: 179.765+/-245.184 χ^2/NDF : 46.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.765+/-245.184 χ^2/NDF : 46.0/32

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: 884.389+/-0.246 χ^2/NDF : 1278177.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

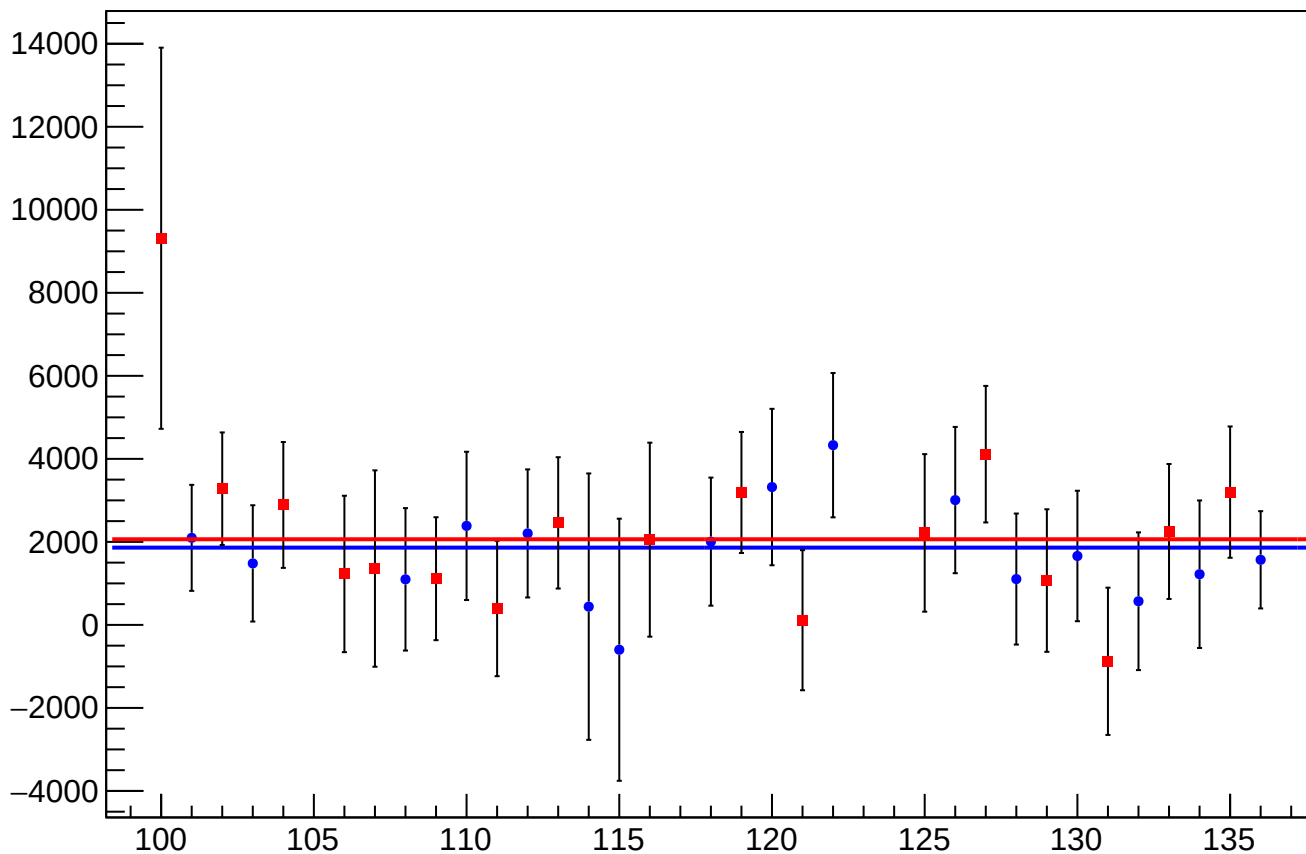
Right: 887.455+/-0.173 χ^2/NDF : 2407226.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.455+/-0.173 χ^2/NDF : 2407226.9/32

eigen_cor_asym_usl_mean vs Slug, Sign Corrected



Right In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

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

Right Out: 2062.986+/-415.015 χ^2/NDF : 12.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

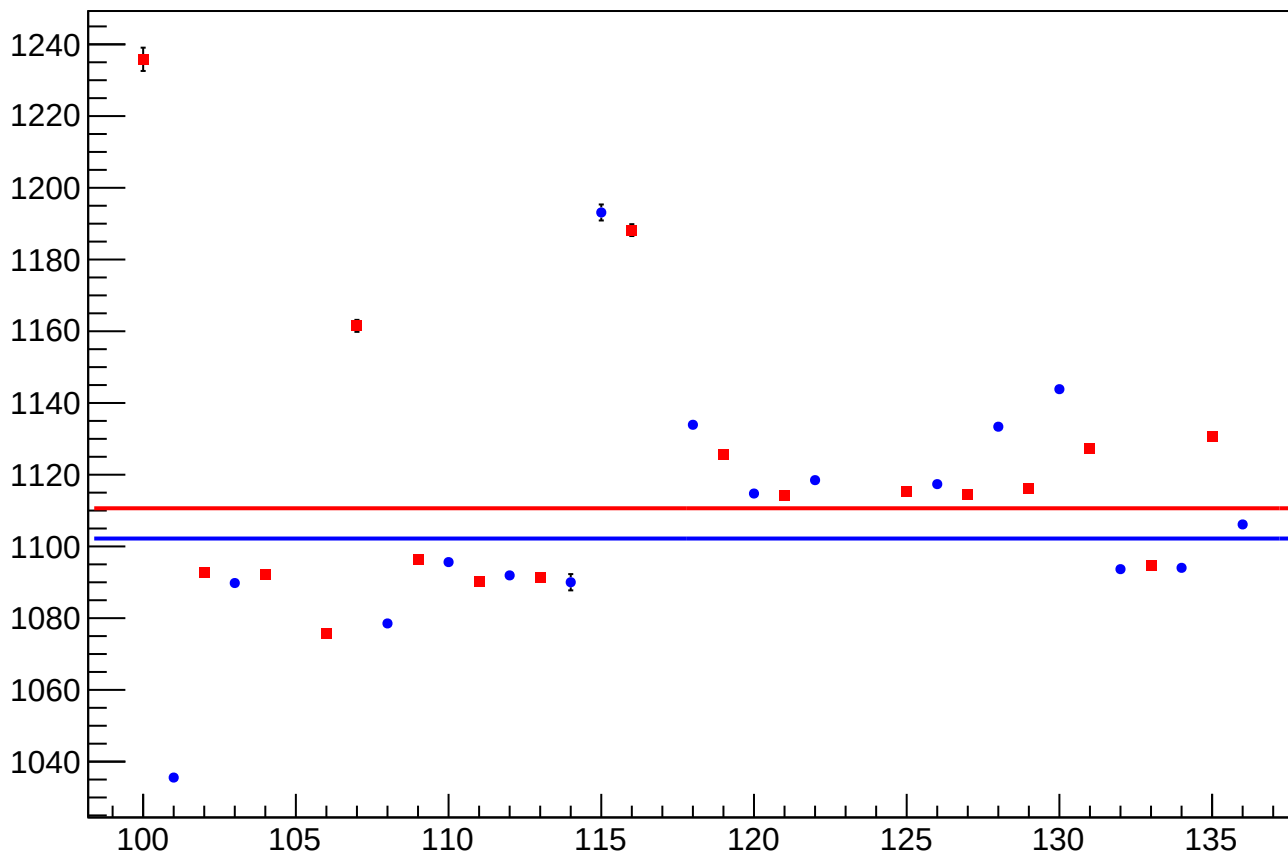
Right: 1960.914+/-291.499 χ^2/NDF : 18.0/32

In: 1861.525+/-409.524 χ^2/NDF : 5.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1960.914+/-291.499 χ^2/NDF : 18.0/32

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: 1110.642+/-0.293 χ^2/NDF : 7695.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

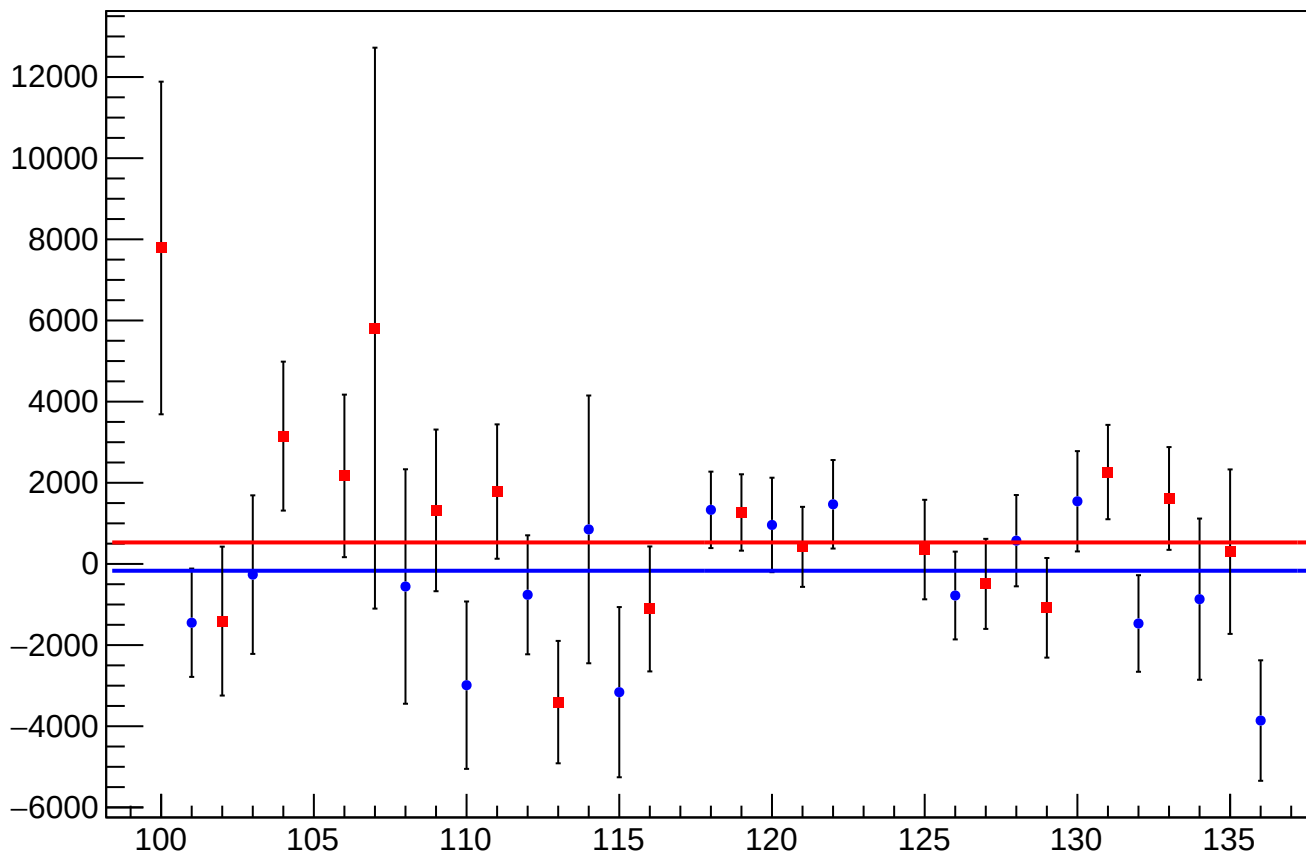
Right: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.367+/-0.206 χ^2/NDF : 19462.7/32

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: 529.713+/-346.994 χ^2/NDF : 22.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

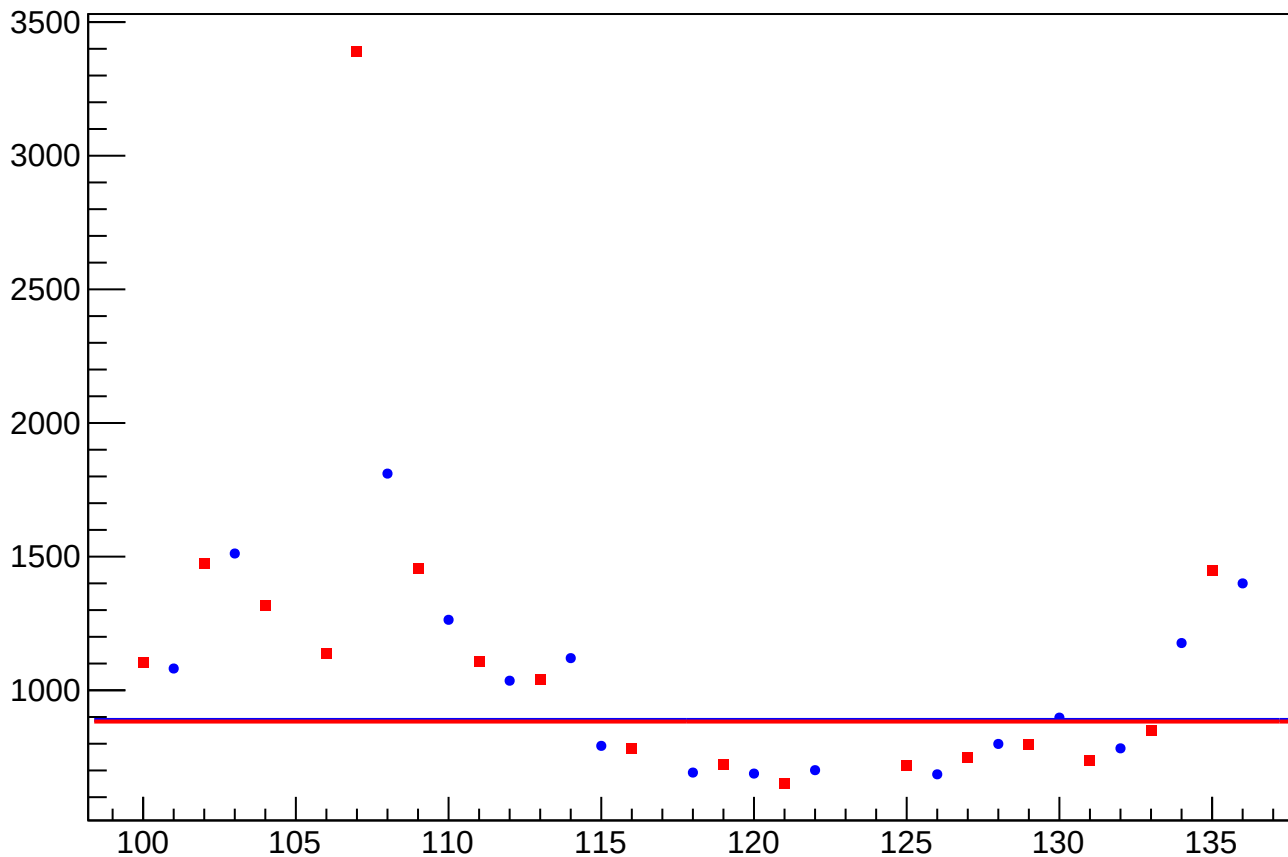
Right: 179.346+/-244.811 χ^2/NDF : 45.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.346+/-244.811 χ^2/NDF : 45.4/32

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: 882.934+/-0.245 χ^2/NDF : 1281971.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

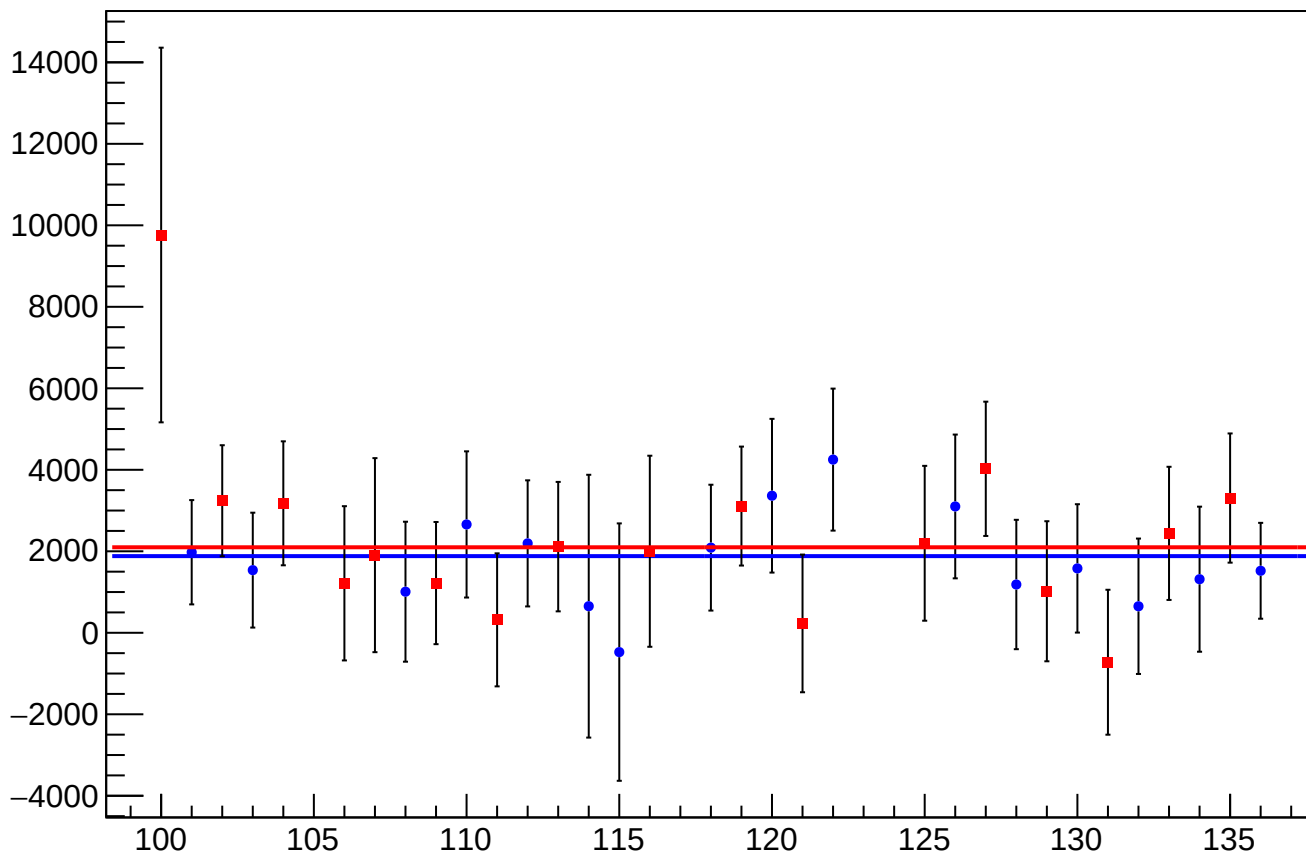
Right: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 885.959+/-0.173 χ^2/NDF : 2415040.1/32

dit_asym_usl_mean vs Slug, Sign Corrected



Right In: 1881.524 $\pm$ 410.700 χ^2 /NDF: 5.2/15

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

Right Out: 2098.433 $\pm$ 416.534 χ^2 /NDF: 12.4/16

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

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

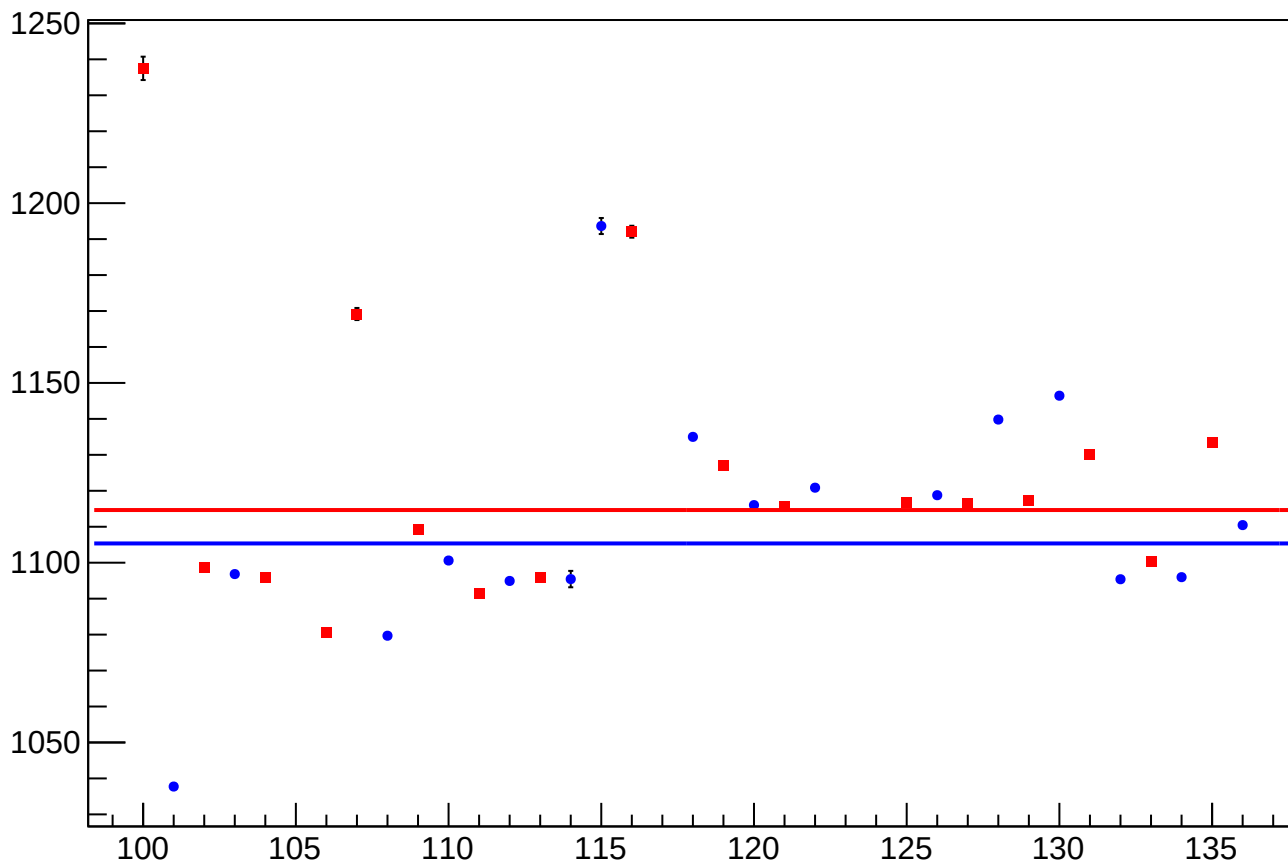
Right: 1988.449 $\pm$ 292.450 χ^2 /NDF: 17.7/32

In: 1881.524 $\pm$ 410.700 χ^2 /NDF:5.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1988.449 $\pm$ 292.450 χ^2 /NDF: 17.7/32

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: 1114.648 ± 0.295 χ^2/NDF : 7328.9/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

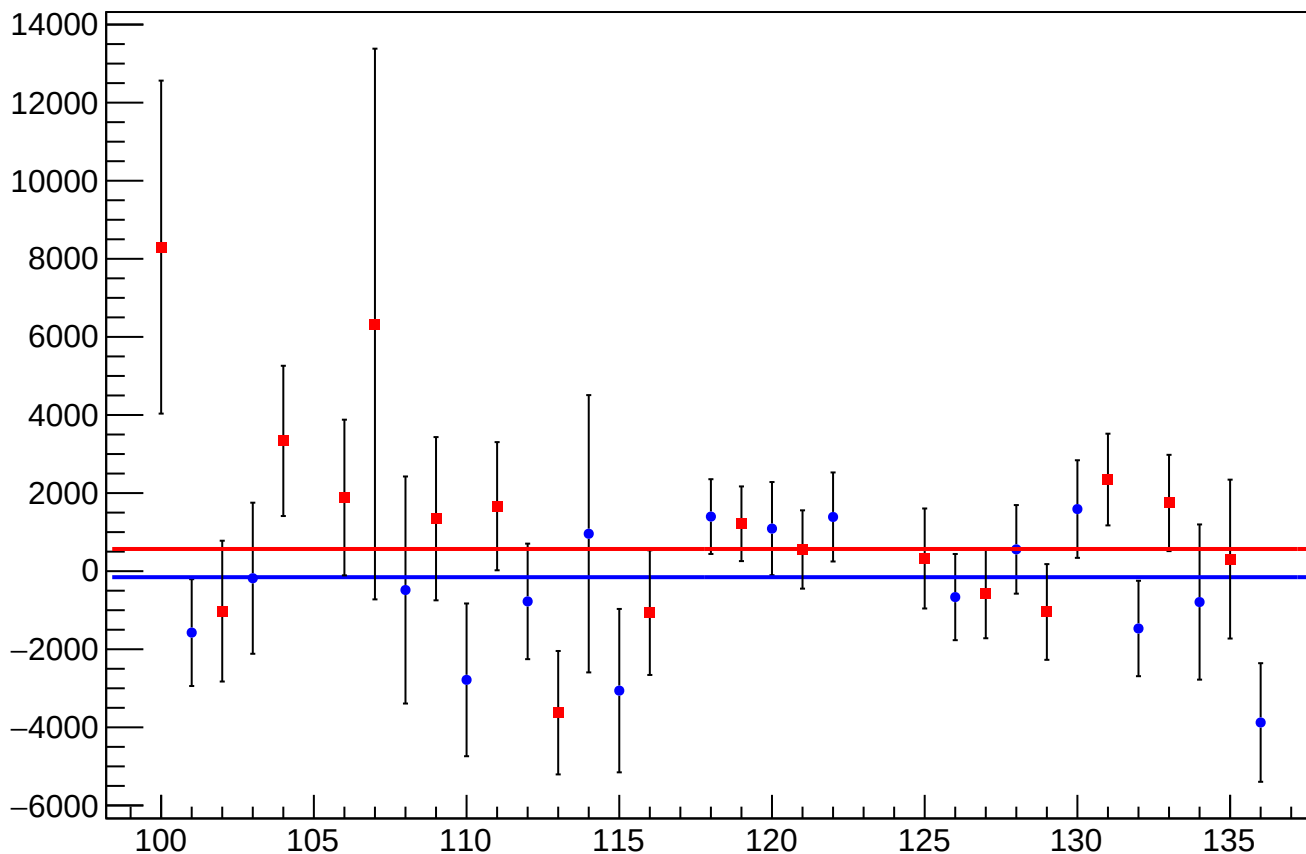
Right: 1109.936 ± 0.207 χ^2/NDF : 19164.5/32

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

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1109.936 ± 0.207 χ^2/NDF : 19164.5/32

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: 568.205+/-352.514 χ^2/NDF : 22.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

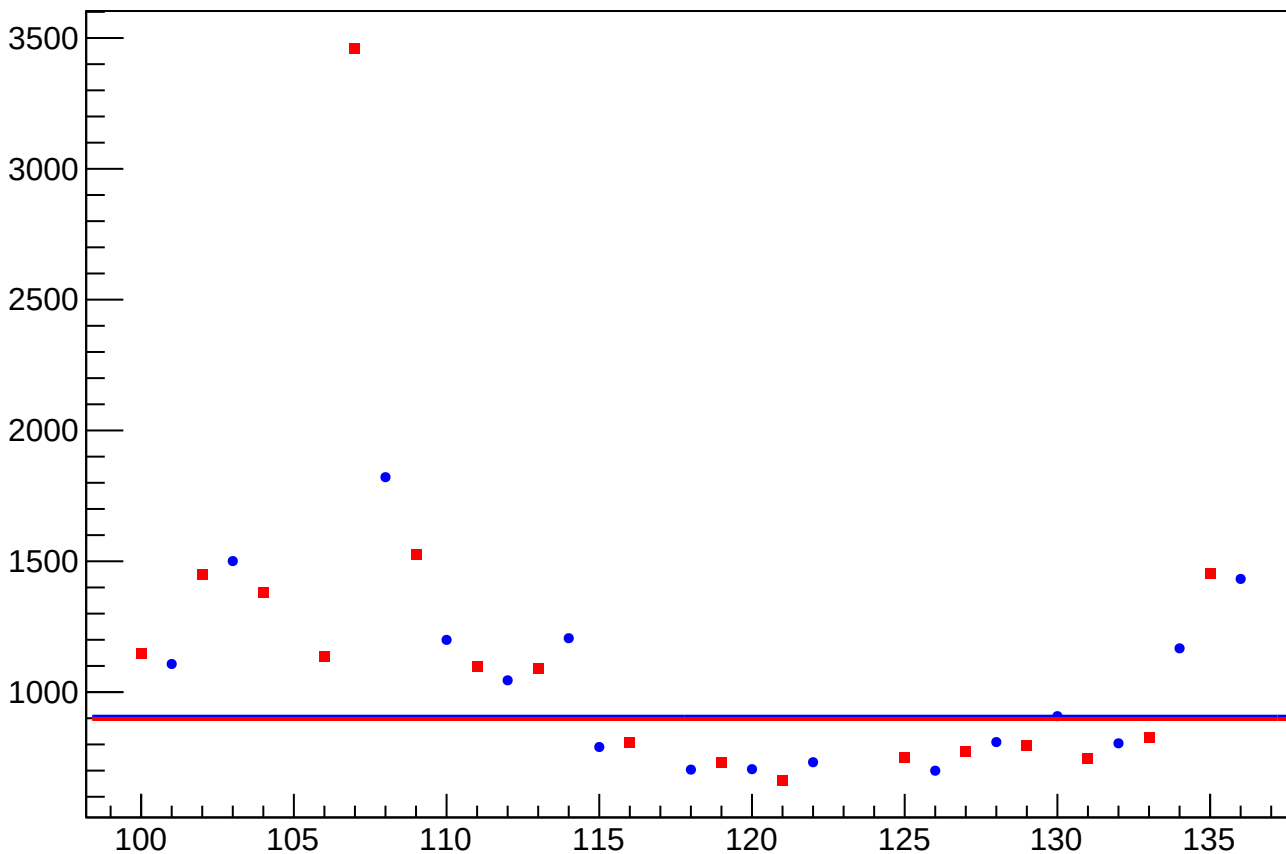
Right: 205.875+/-248.841 χ^2/NDF : 44.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.875+/-248.841 χ^2/NDF : 44.9/32

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: 897.234+/-0.249 χ^2/NDF : 1282605.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

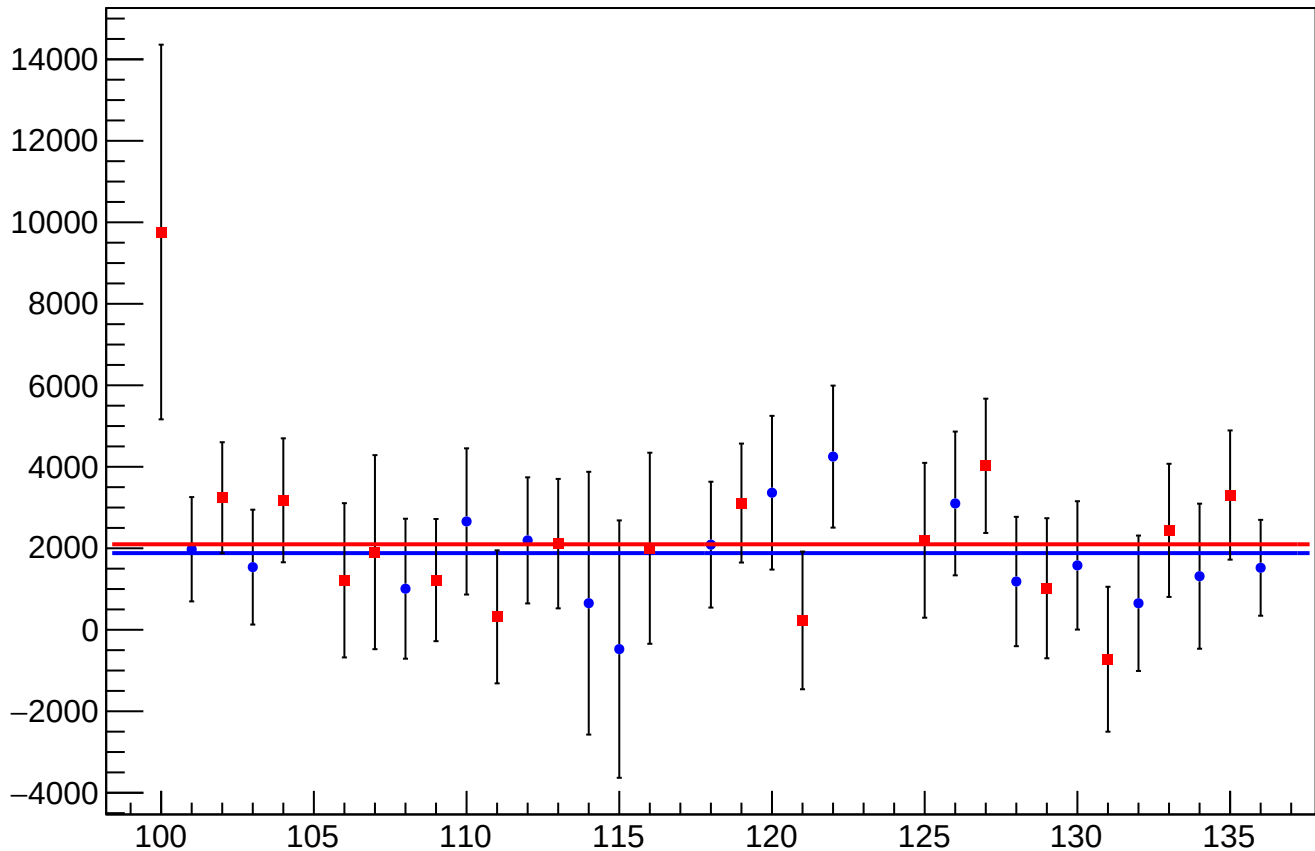
Right: 901.650+/-0.176 χ^2/NDF : 2362666.4/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.650+/-0.176 χ^2/NDF : 2362666.4/32

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: 2098.430+/-416.534 χ^2/NDF : 12.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

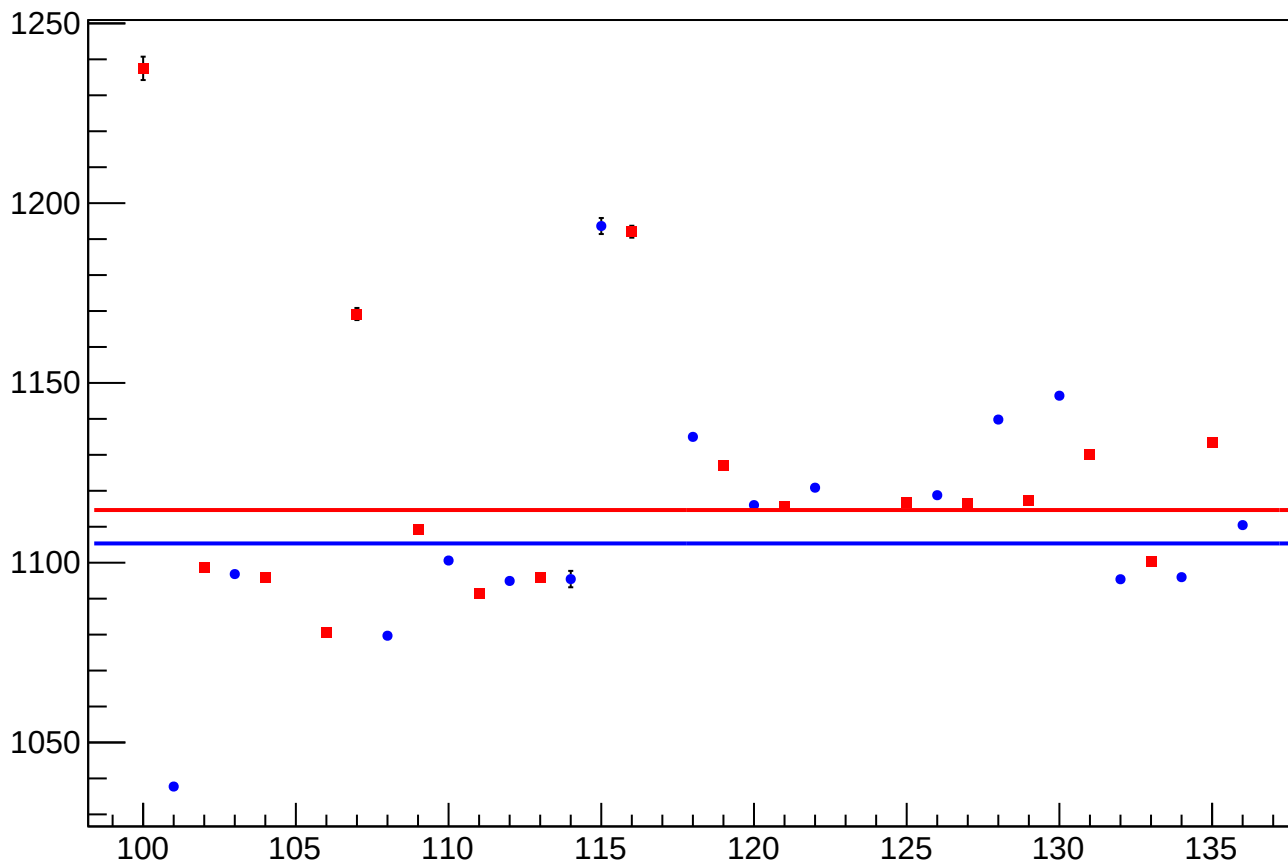
Right: 1988.447+/-292.450 χ^2/NDF : 17.7/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1988.447+/-292.450 χ^2/NDF : 17.7/32

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: 1114.648+/-0.295 χ^2/NDF : 7328.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

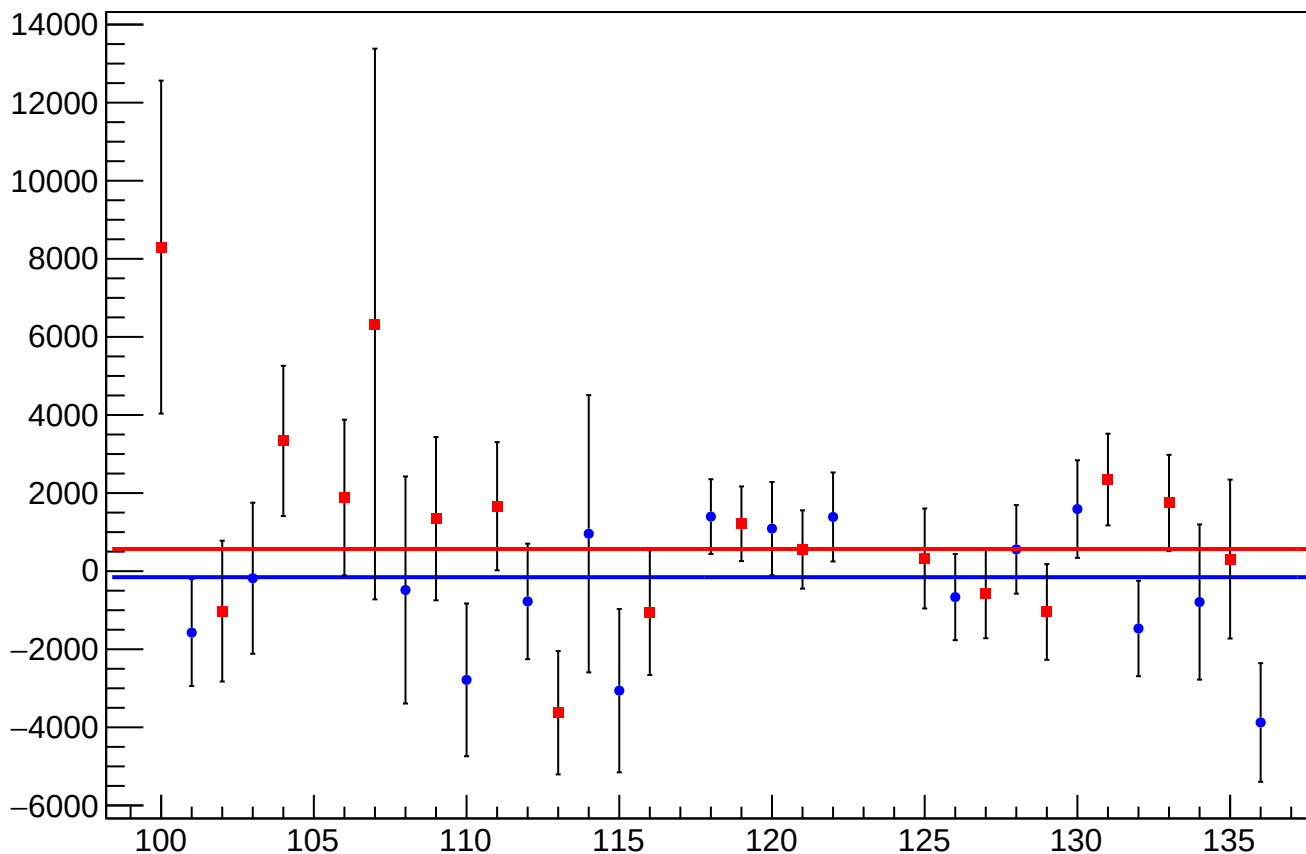
Right: 1109.936+/-0.207 χ^2/NDF : 19164.5/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.936+/-0.207 χ^2/NDF : 19164.5/32

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: 568.204+/-352.514 χ^2/NDF : 22.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

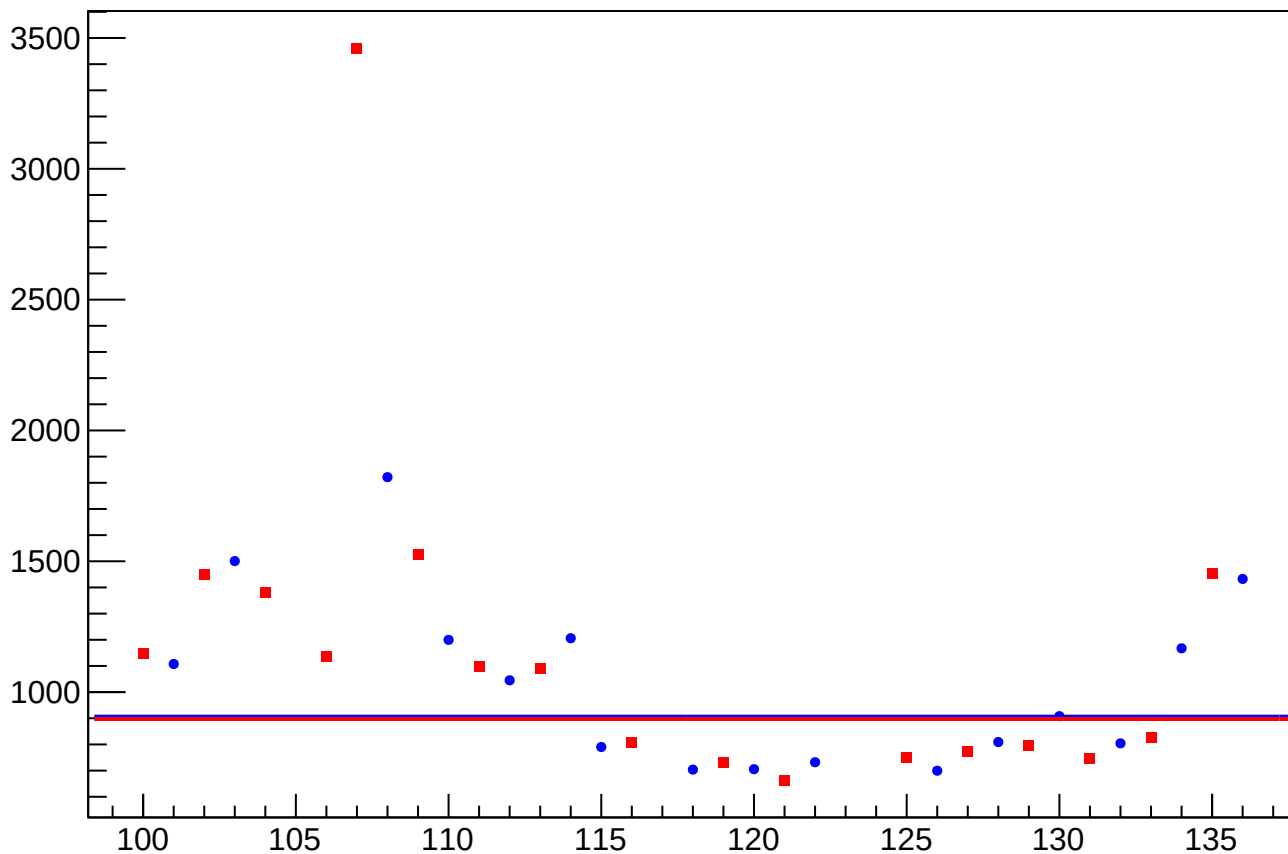
Right: 205.875+/-248.841 χ^2/NDF : 44.9/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.875+/-248.841 χ^2/NDF : 44.9/32

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: 897.232+/-0.249 χ^2/NDF : 1282608.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

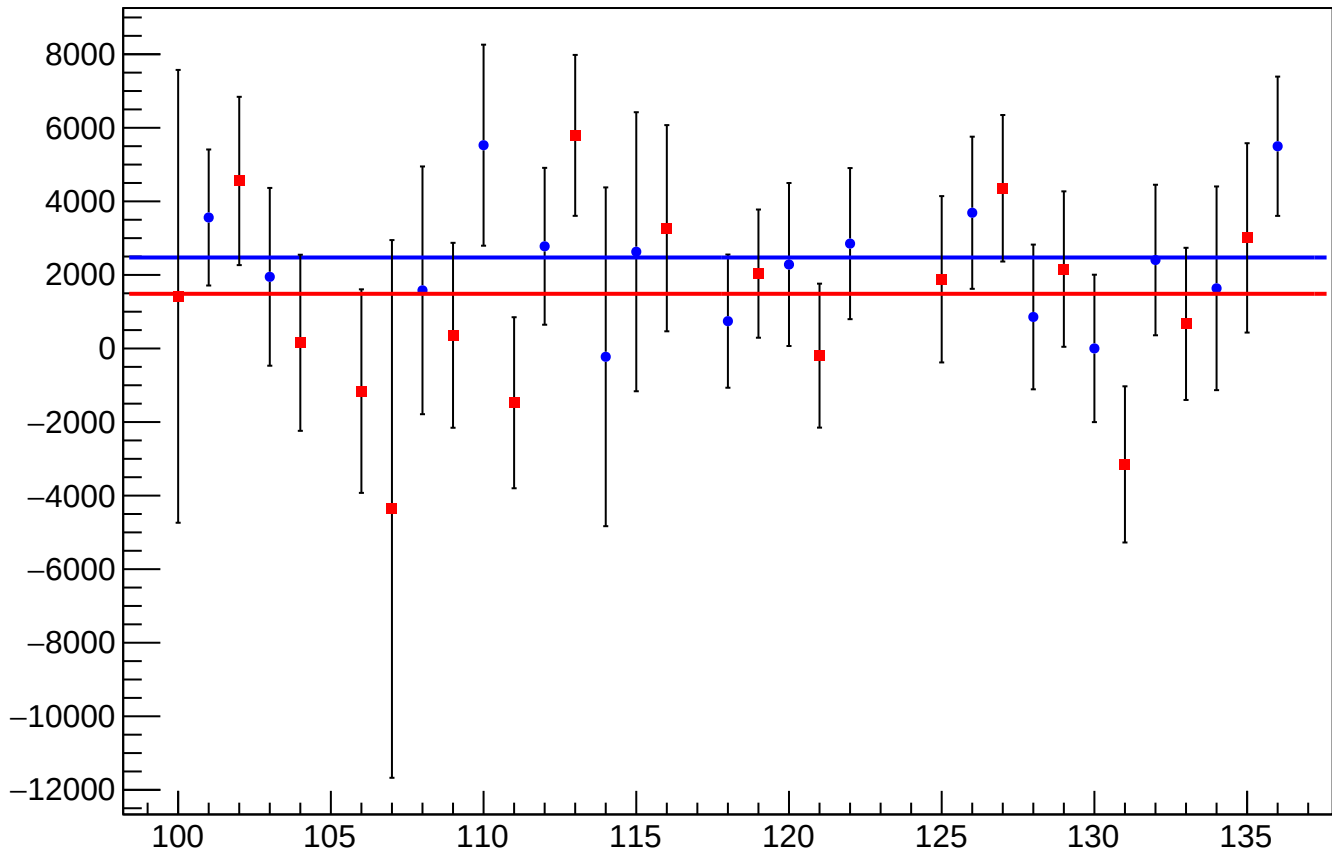
Right: 901.648+/-0.176 χ^2/NDF : 2362674.0/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 901.648+/-0.176 χ^2/NDF : 2362674.0/32

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: 1486.609+/-568.971 χ^2/NDF : 18.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

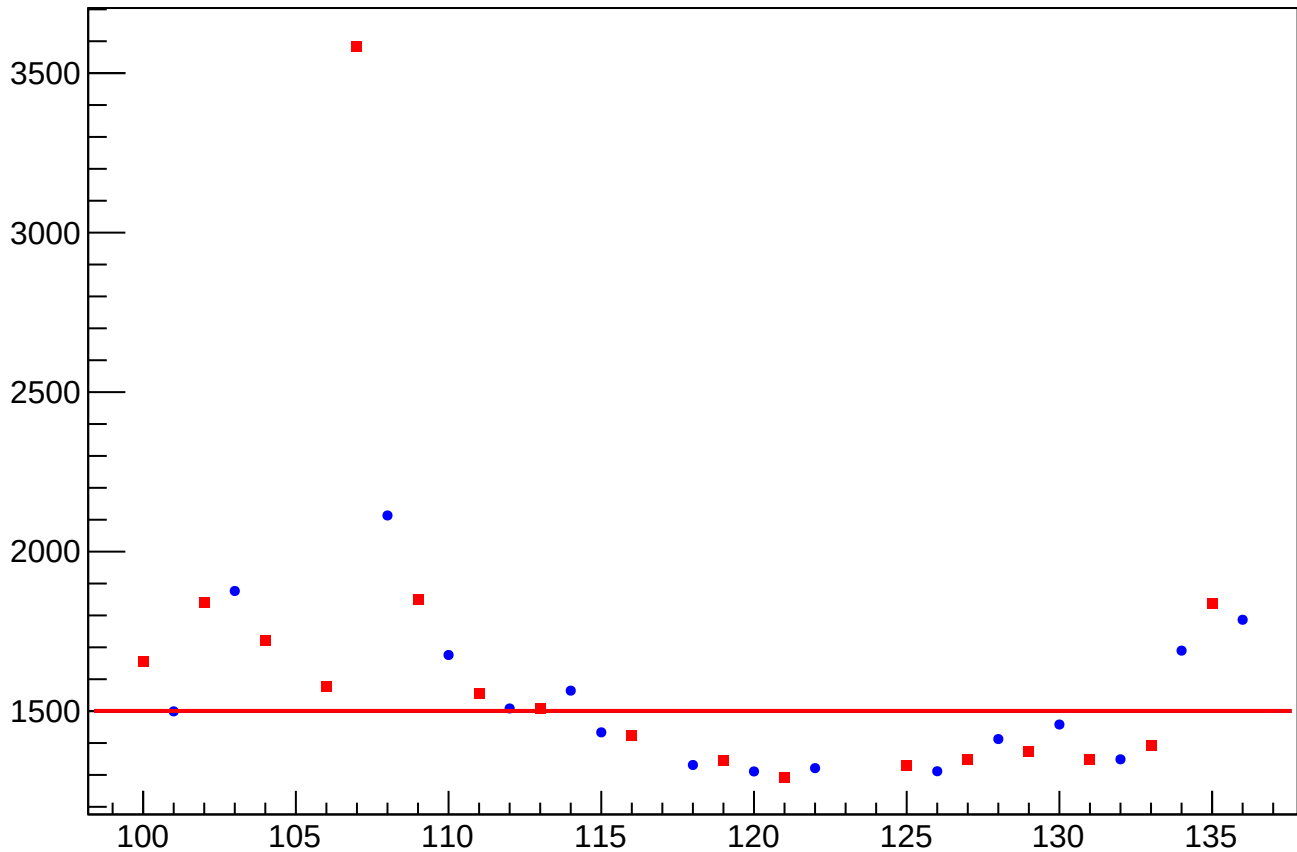
Right: 1985.724+/-400.122 χ^2/NDF : 27.8/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1985.724+/-400.122 χ^2/NDF : 27.8/32

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: 1500.621+/-0.402 χ^2/NDF : 387546.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

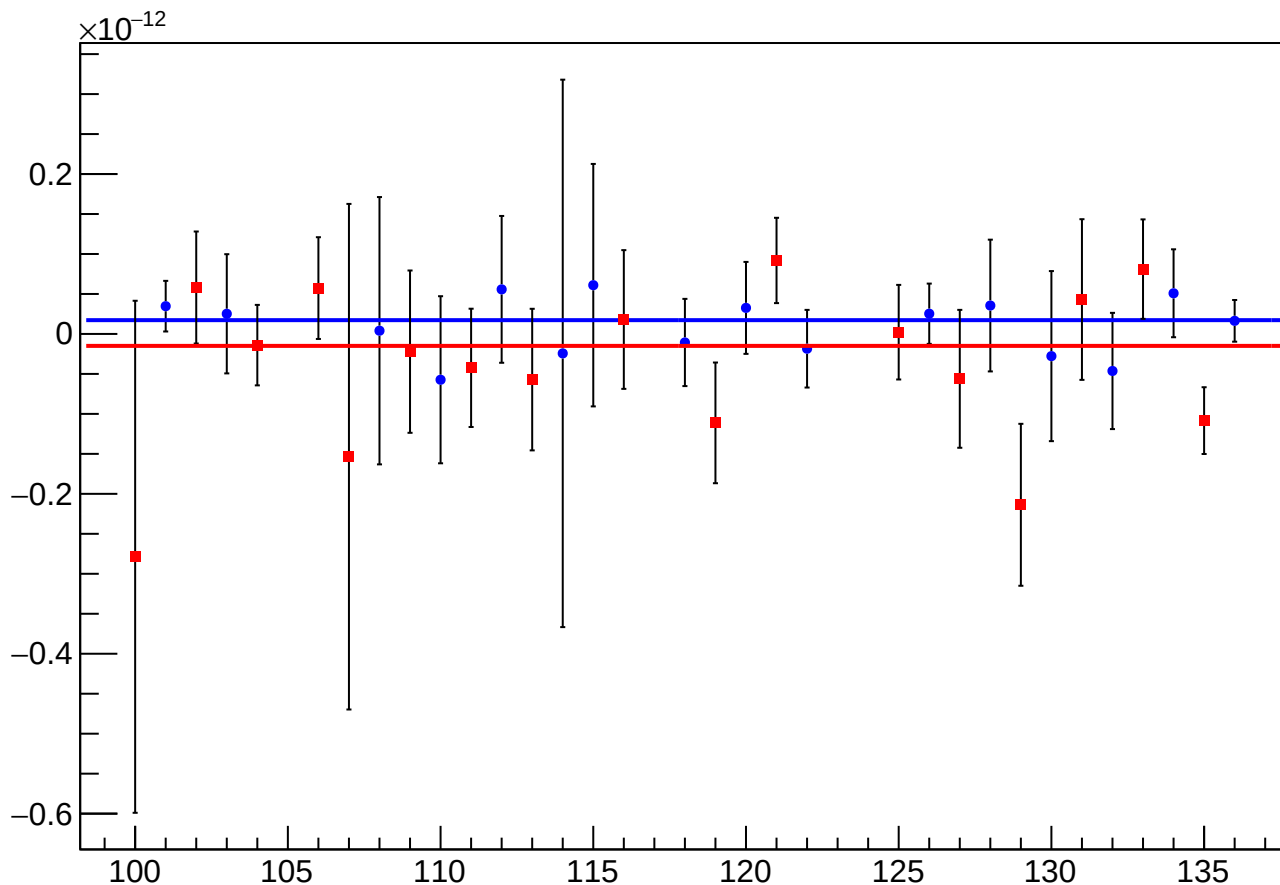
Right: 1500.498+/-0.283 χ^2/NDF : 646339.1/32

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1500.498+/-0.283 χ^2/NDF : 646339.1/32

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 : 21.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

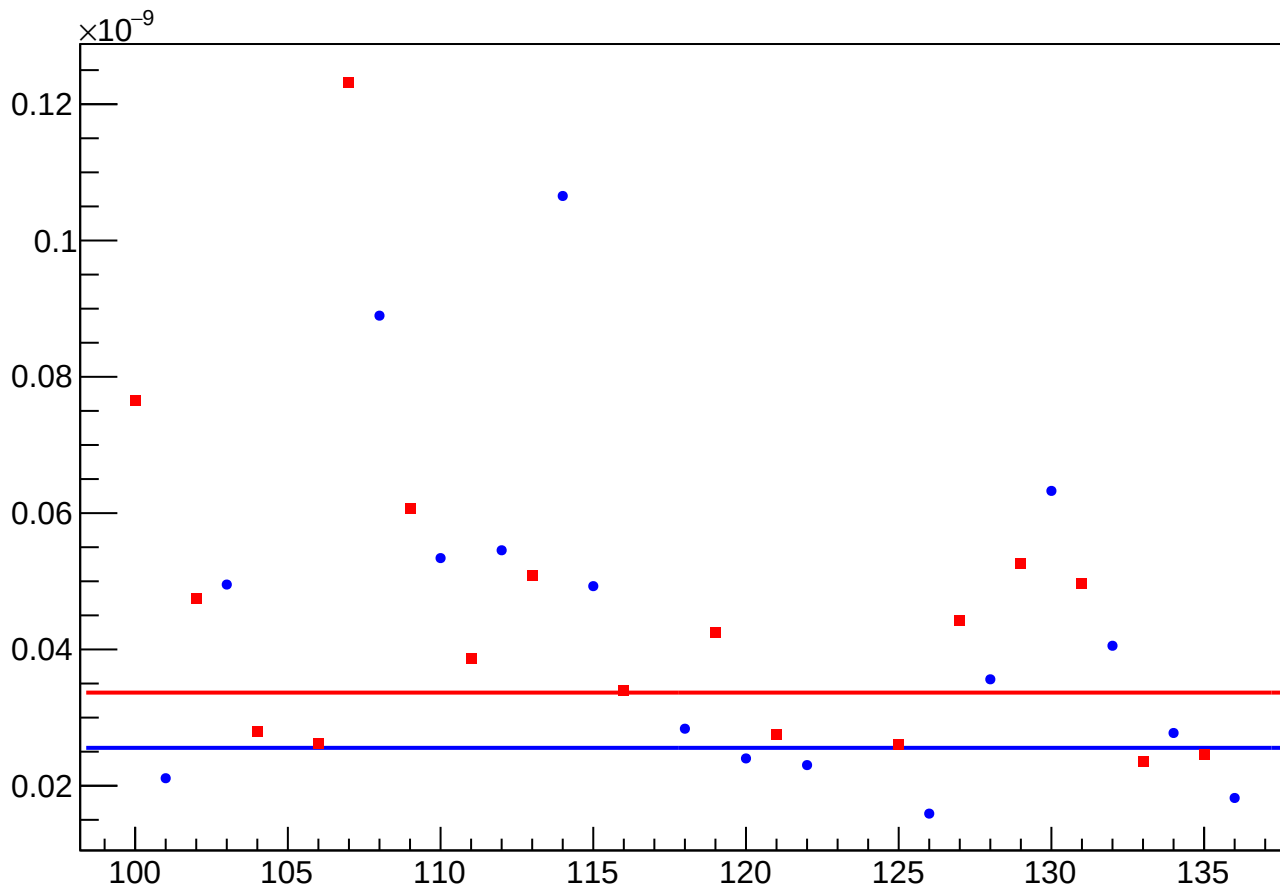
Right: 0.000+/-0.000 χ^2/NDF : 26.8/32

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 : 26.8/32

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 : 938825.1/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

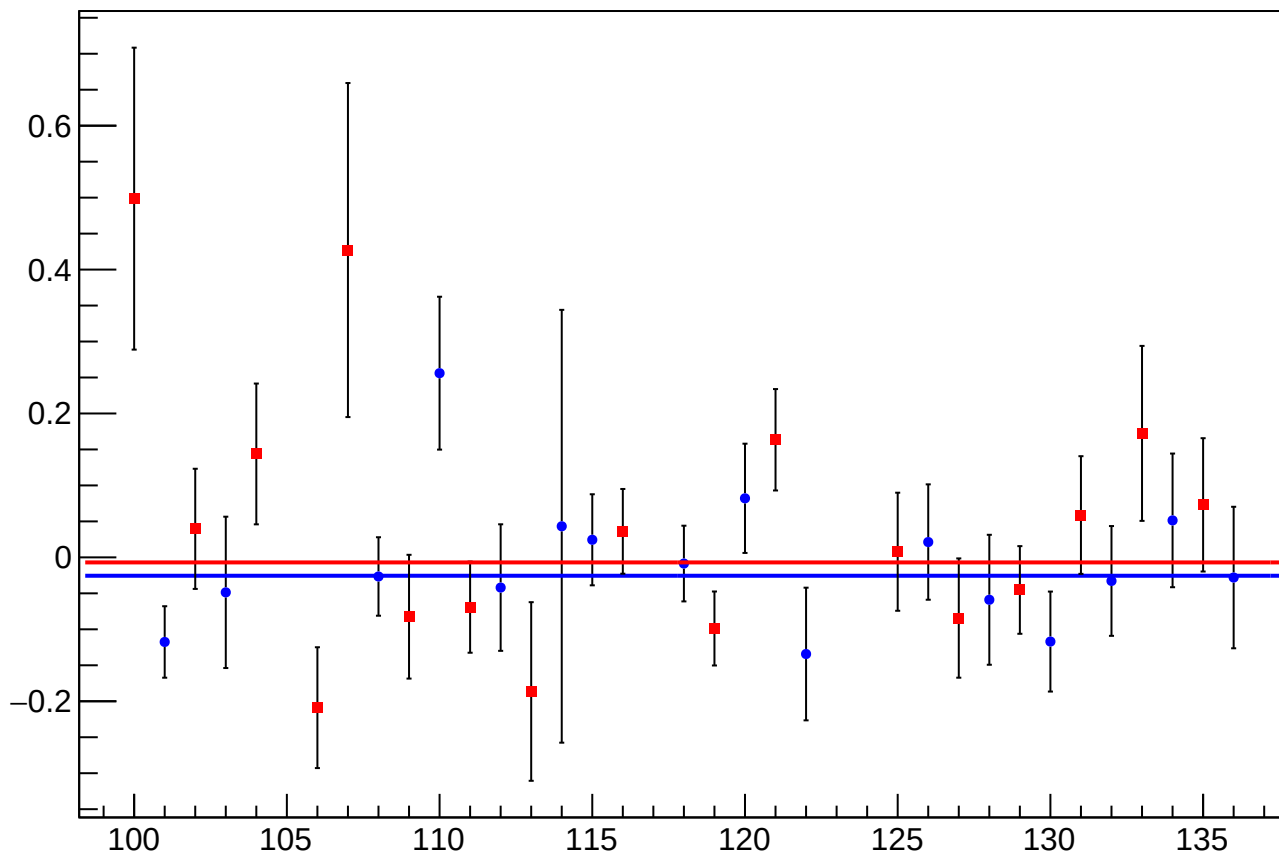
Right: 0.000+/-0.000 χ^2/NDF : 2921182.0/32

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 : 2921182.0/32

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: -0.007+/-0.019 χ^2/NDF : 36.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

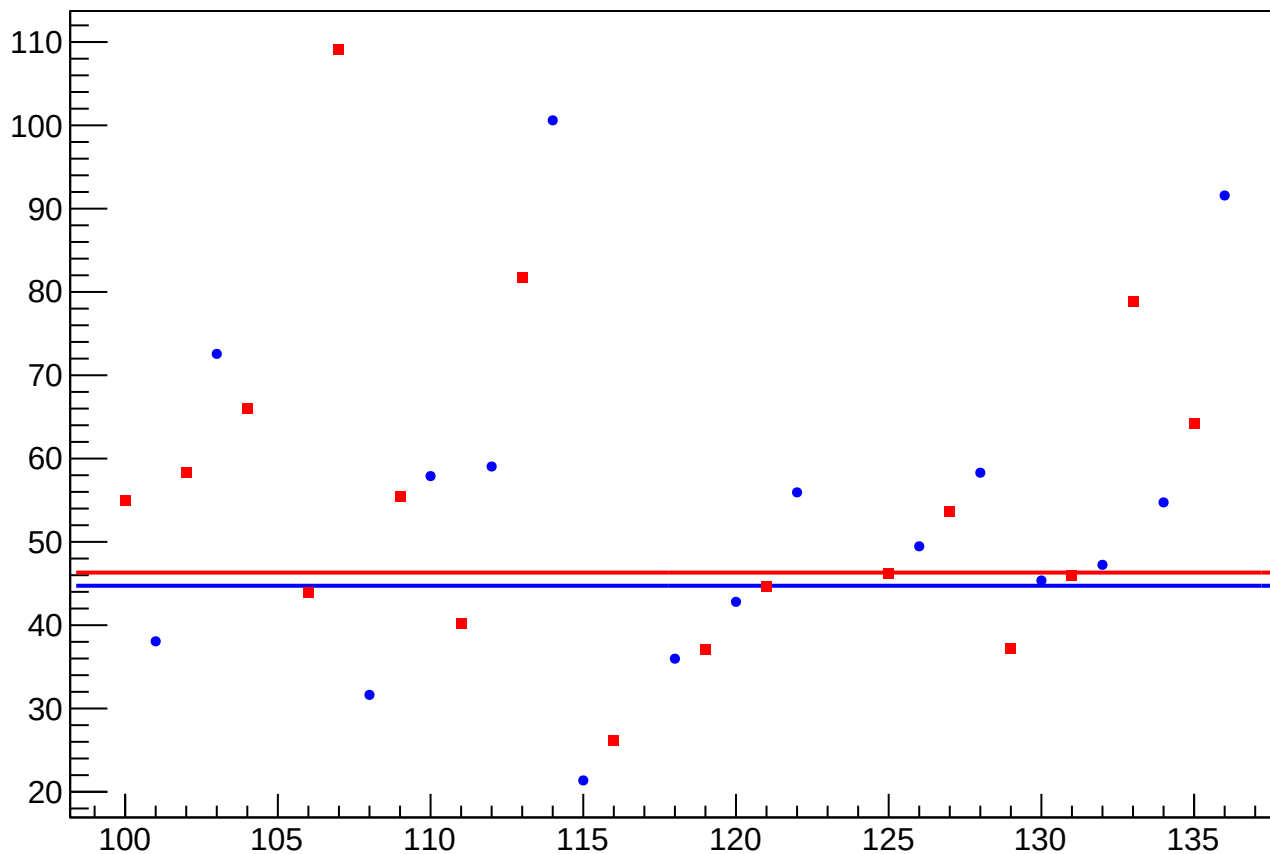
Right: -0.017+/-0.014 χ^2/NDF : 54.1/32

In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.014 χ^2/NDF : 54.1/32

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: 46.316+/-0.014 χ^2/NDF : 1053904.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

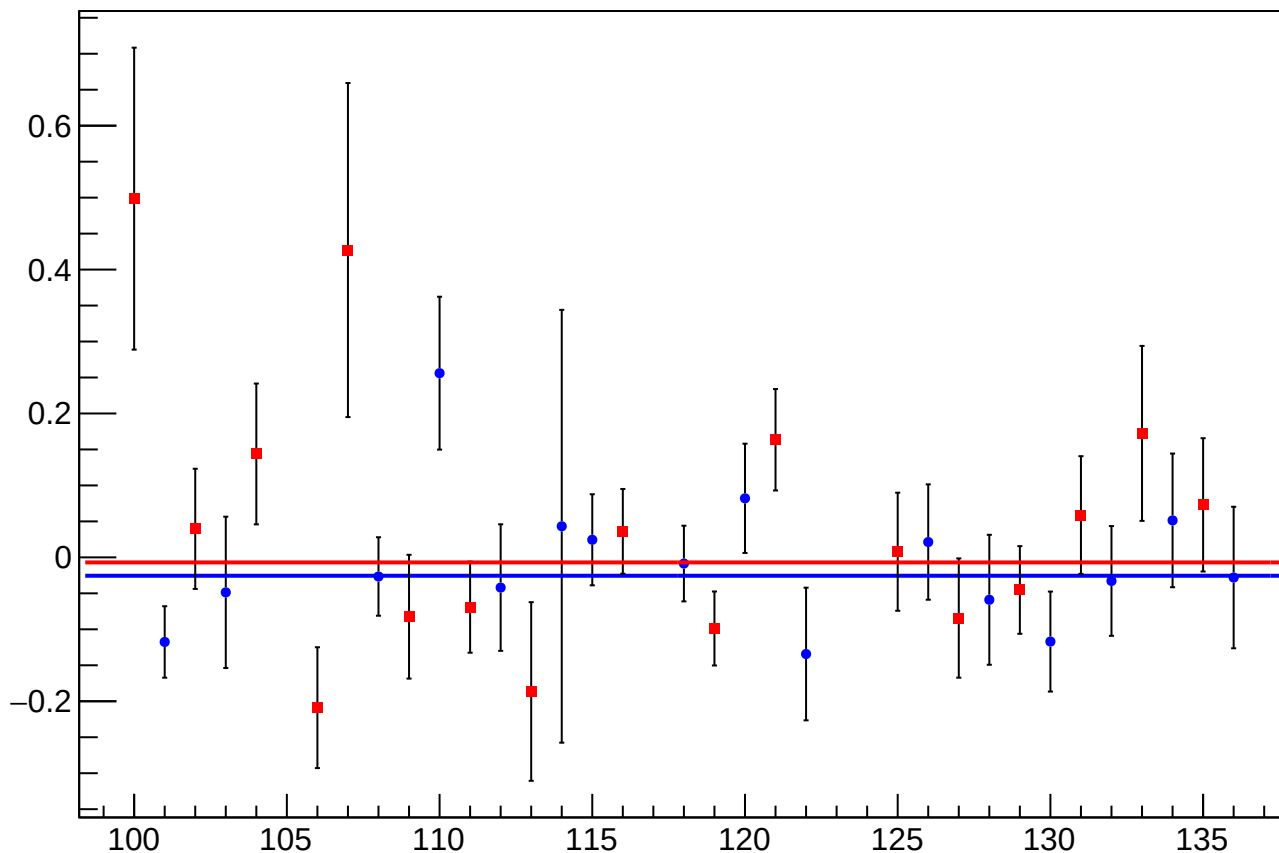
Right: 45.497+/-0.010 χ^2/NDF : 2395311.3/32

In: 44.733+/-0.013 χ^2/NDF :1334541.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 45.497+/-0.010 χ^2/NDF : 2395311.3/32

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: -0.007+/-0.019 χ^2 /NDF: 36.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

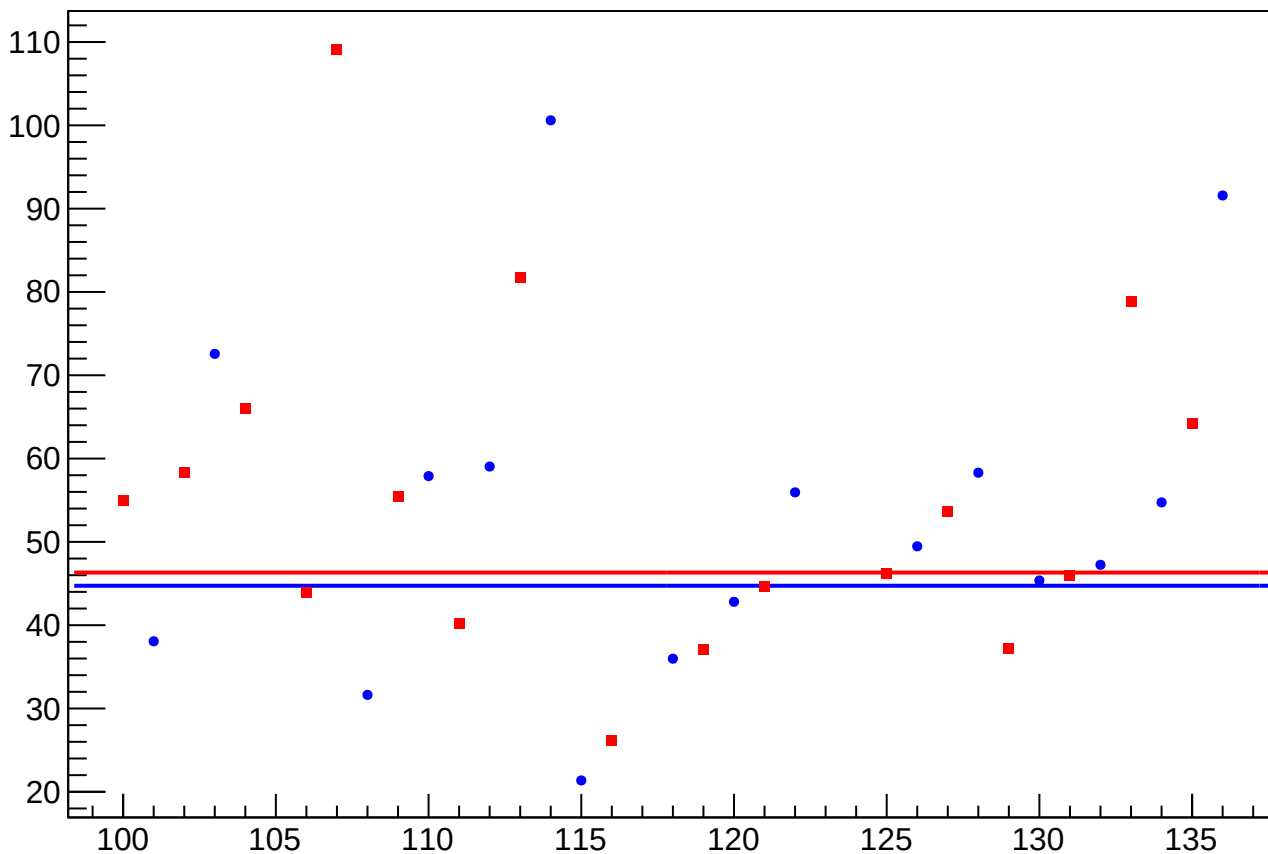
Right: -0.017+/-0.014 χ^2 /NDF: 54.1/32

In: -0.026+/-0.019 χ^2 /NDF:17.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.017+/-0.014 χ^2 /NDF: 54.1/32

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: 46.316+/-0.014 χ^2/NDF : 1053904.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

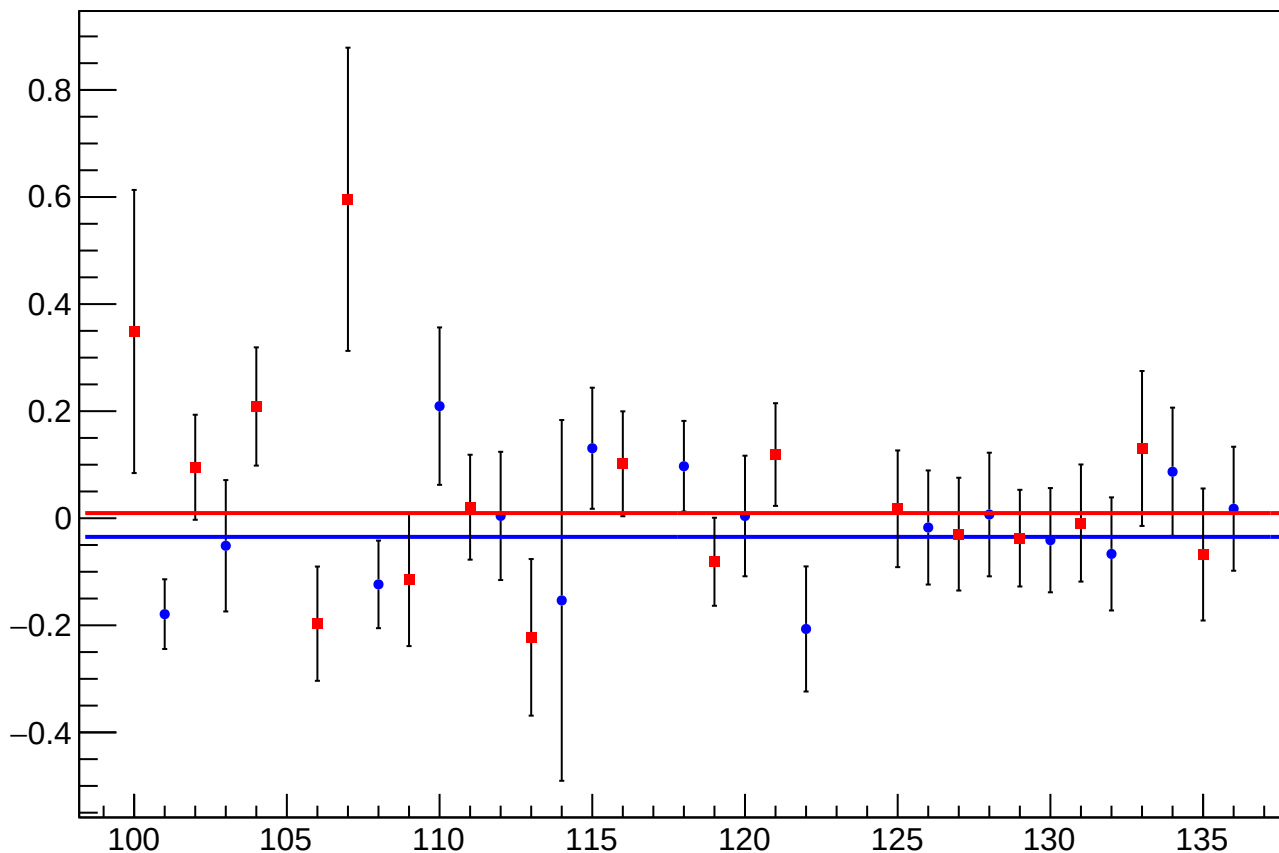
Right: 45.497+/-0.010 χ^2/NDF : 2395311.3/32

In: 44.733+/-0.013 χ^2/NDF : 1334541.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.497+/-0.010 χ^2/NDF : 2395311.3/32

asym_usl_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.035+/-0.026 χ^2/NDF : 17.4/15

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

Right Out: 0.010+/-0.027 χ^2/NDF : 22.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

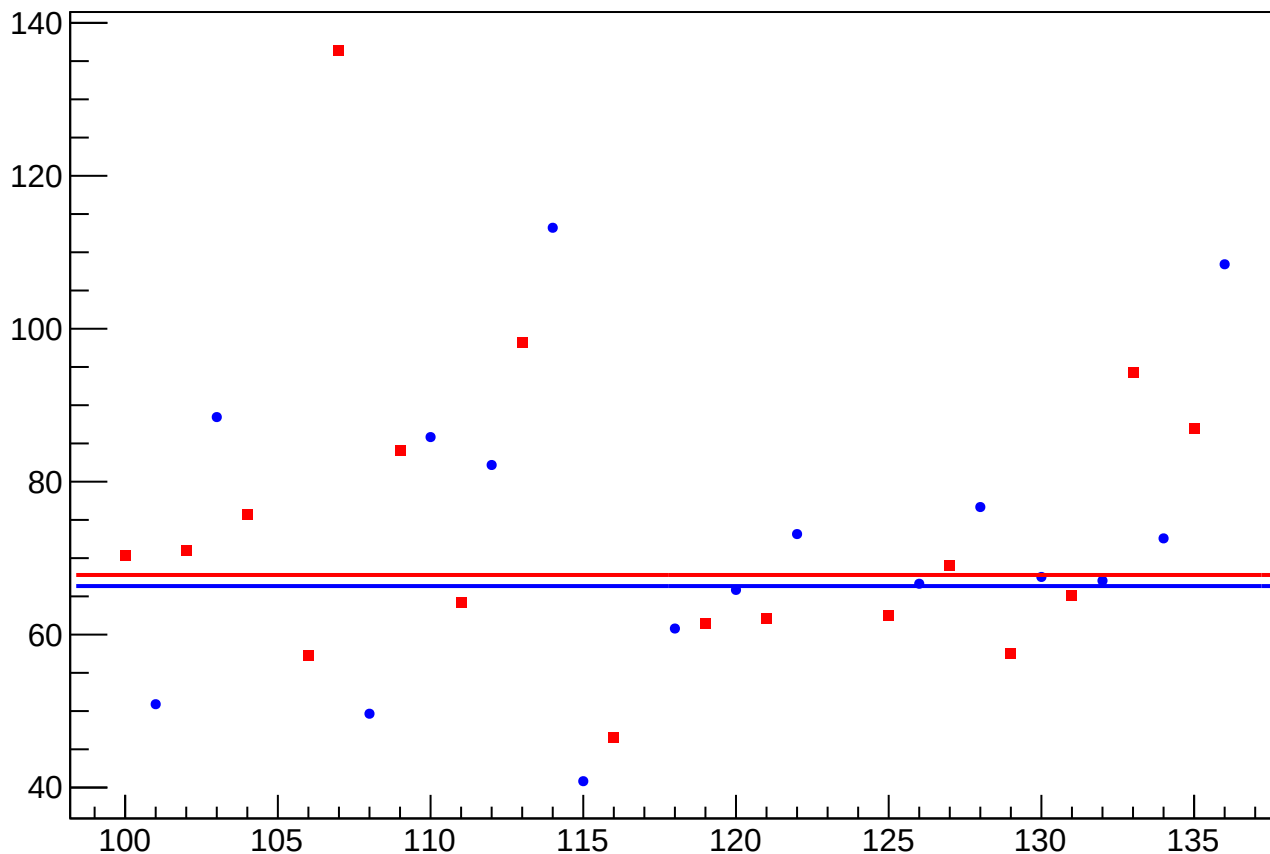
Right: -0.013+/-0.019 χ^2/NDF : 41.0/32

In: -0.035+/-0.026 χ^2/NDF : 17.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.013+/-0.019 χ^2/NDF : 41.0/32

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: 67.798+/-0.019 χ^2/NDF : 533209.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

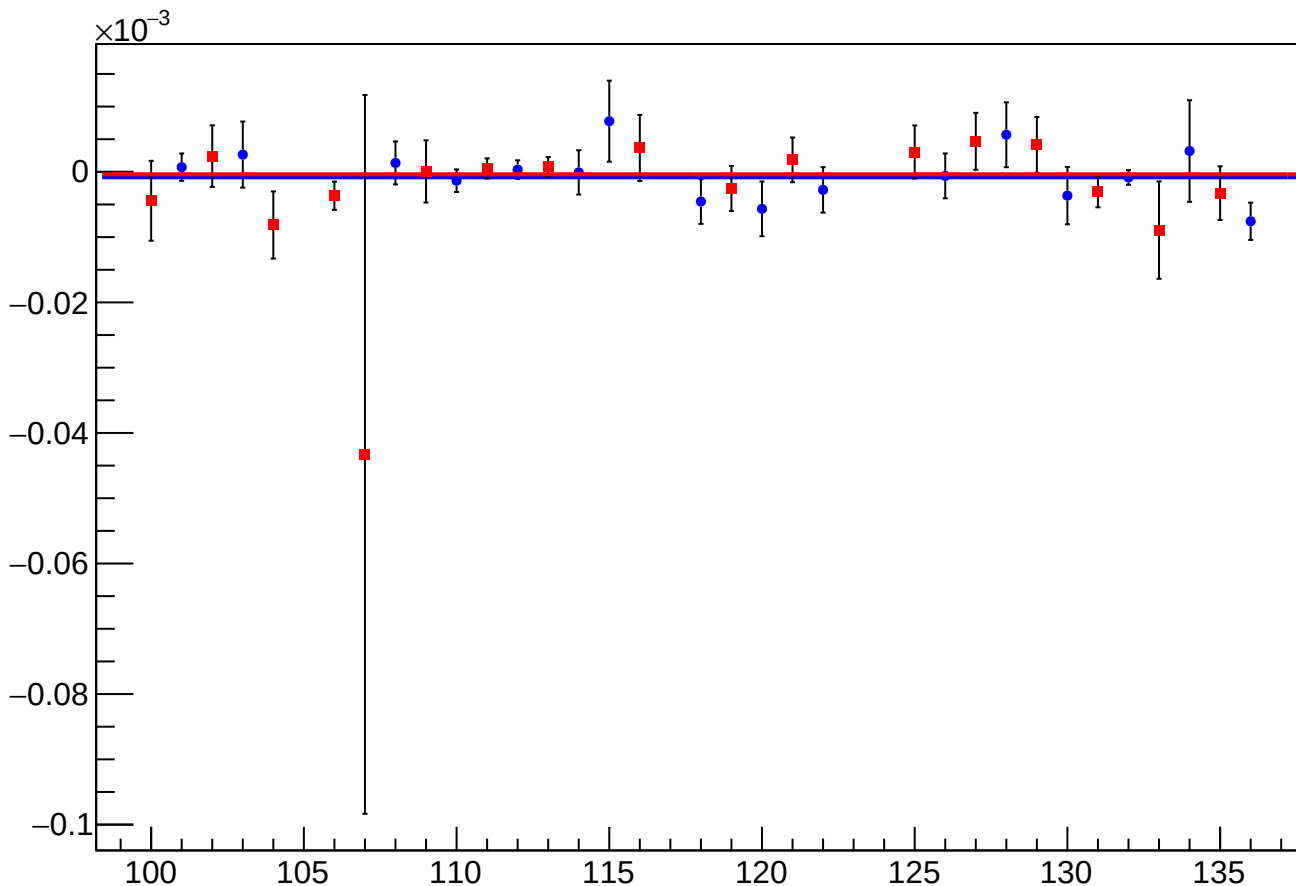
Right: 67.053+/-0.013 χ^2/NDF : 1308823.0/32

In: 66.348+/-0.019 χ^2/NDF : 772653.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.053+/-0.013 χ^2/NDF : 1308823.0/32

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 : 14.6/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

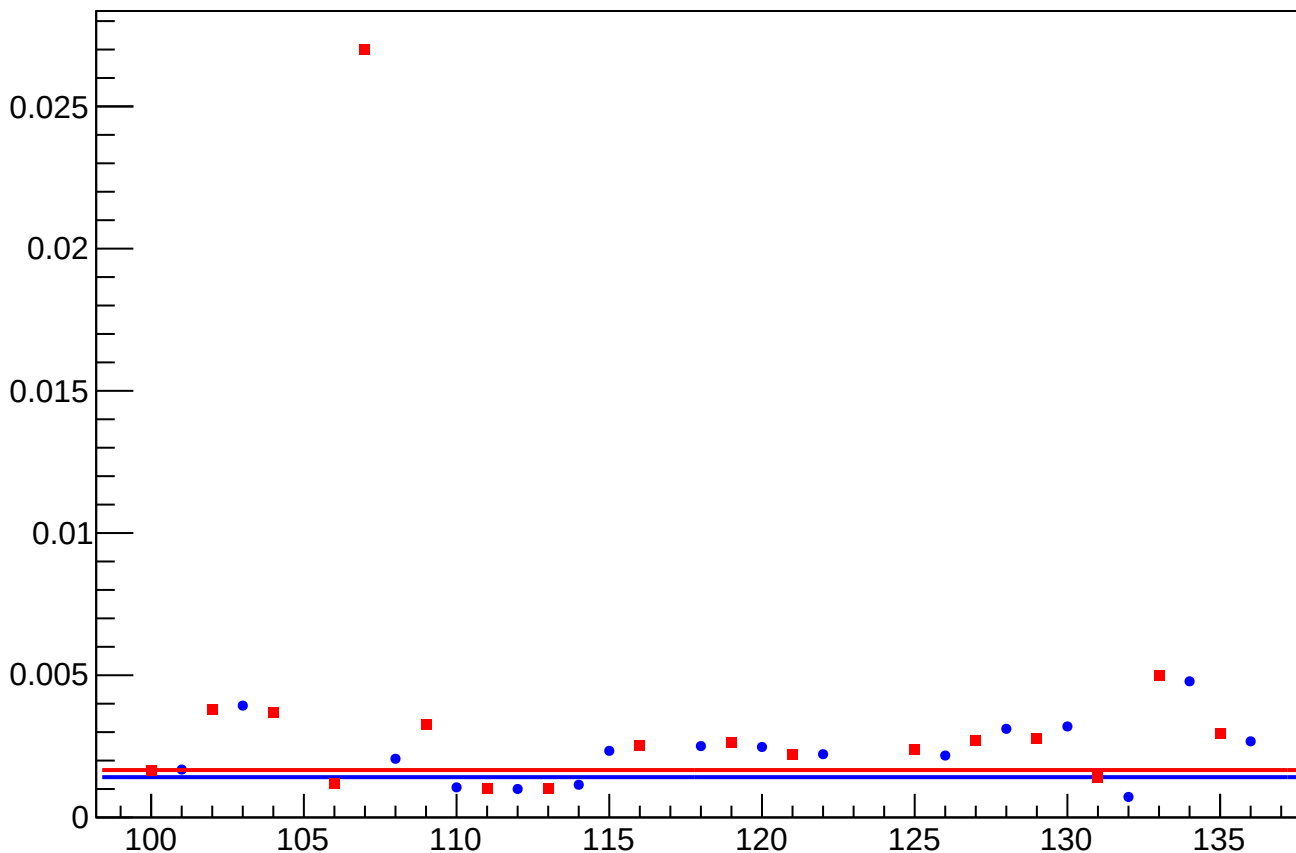
Right: -0.000 ± 0.000 χ^2/NDF : 29.9/32

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 : 29.9/32

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 : 3378192.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

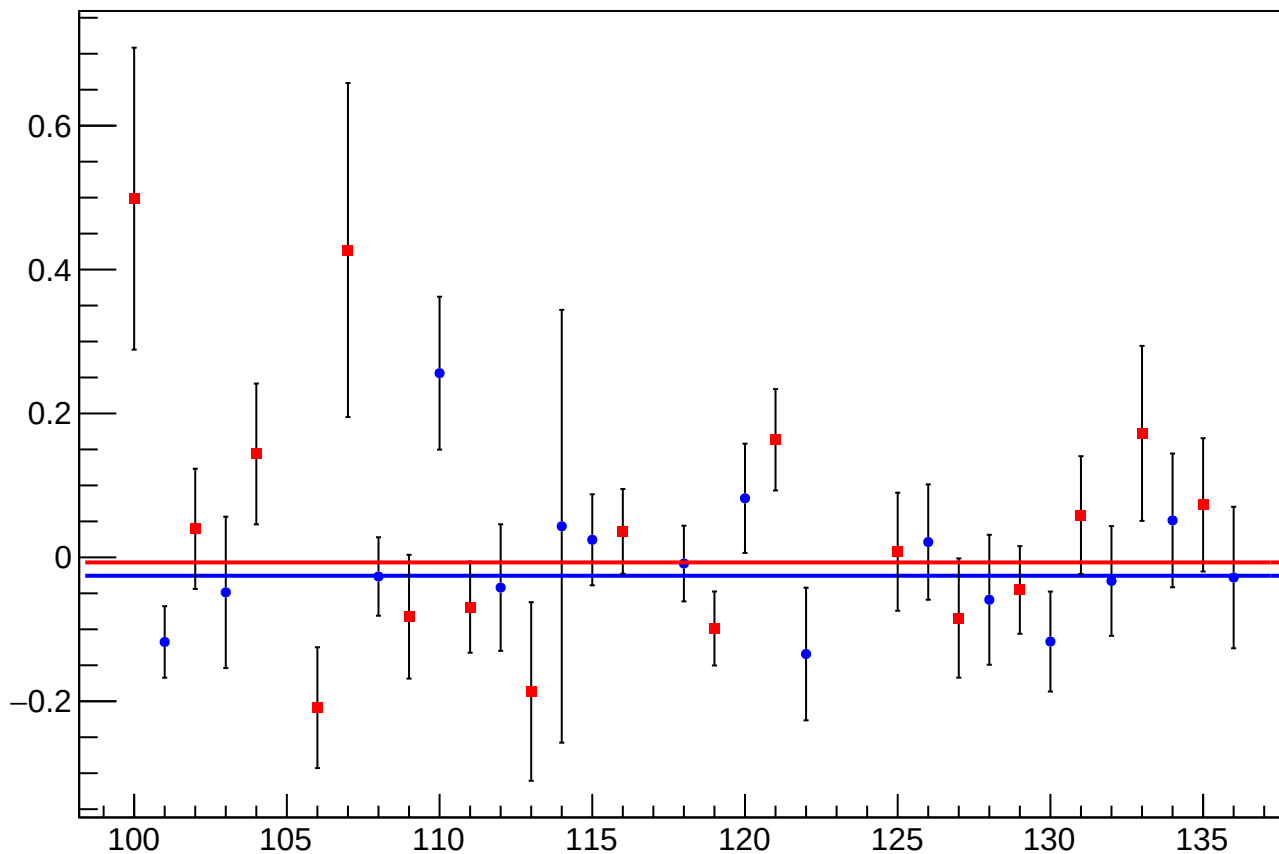
Right: 0.002+/-0.000 χ^2/NDF : 7062027.7/32

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 : 7062027.7/32

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: -0.007+/-0.019 χ^2/NDF : 36.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

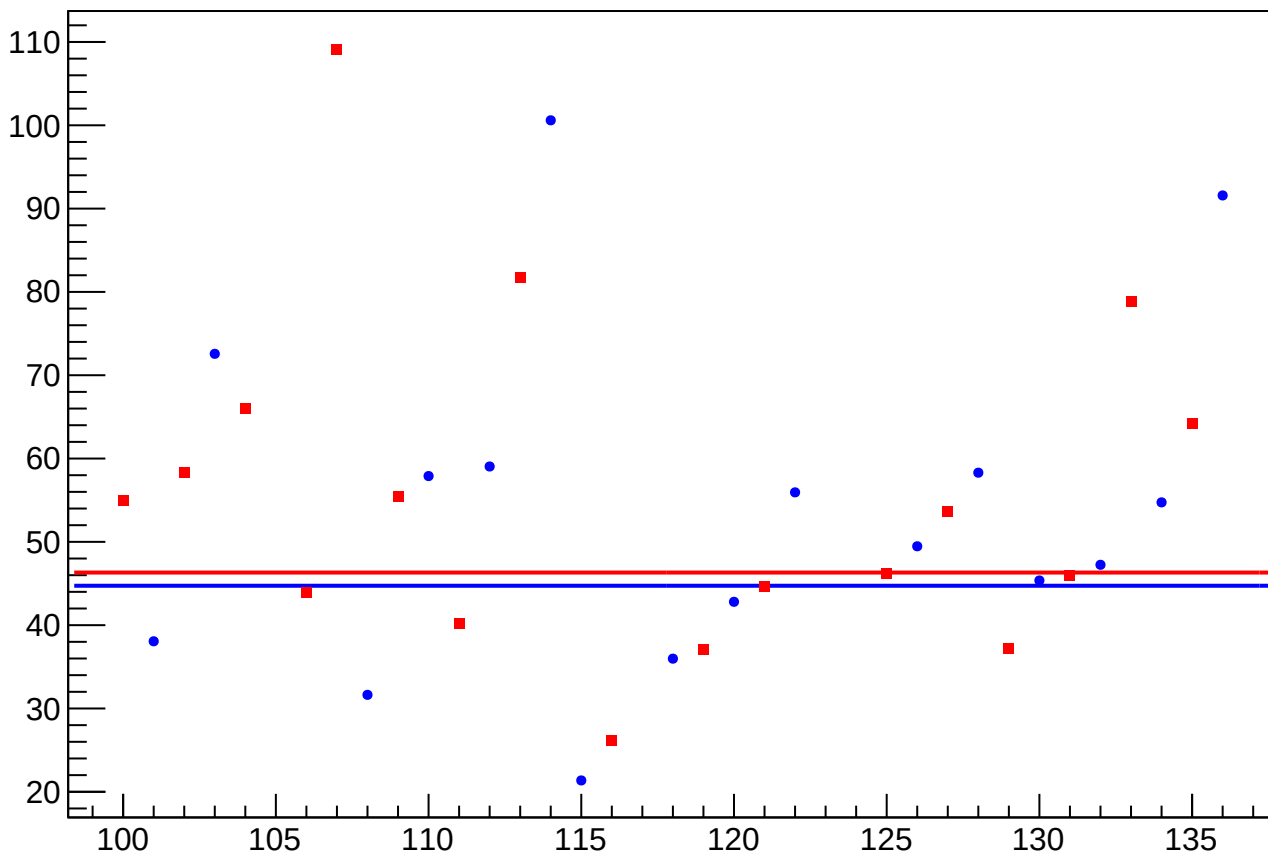
Right: -0.017+/-0.014 χ^2/NDF : 54.1/32

In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.014 χ^2/NDF : 54.1/32

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 44.732 $\pm$ 0.013 χ^2 /NDF: 1334604.0/15

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

Right Out: 46.315 $\pm$ 0.014 χ^2 /NDF: 1053940.2/16

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

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

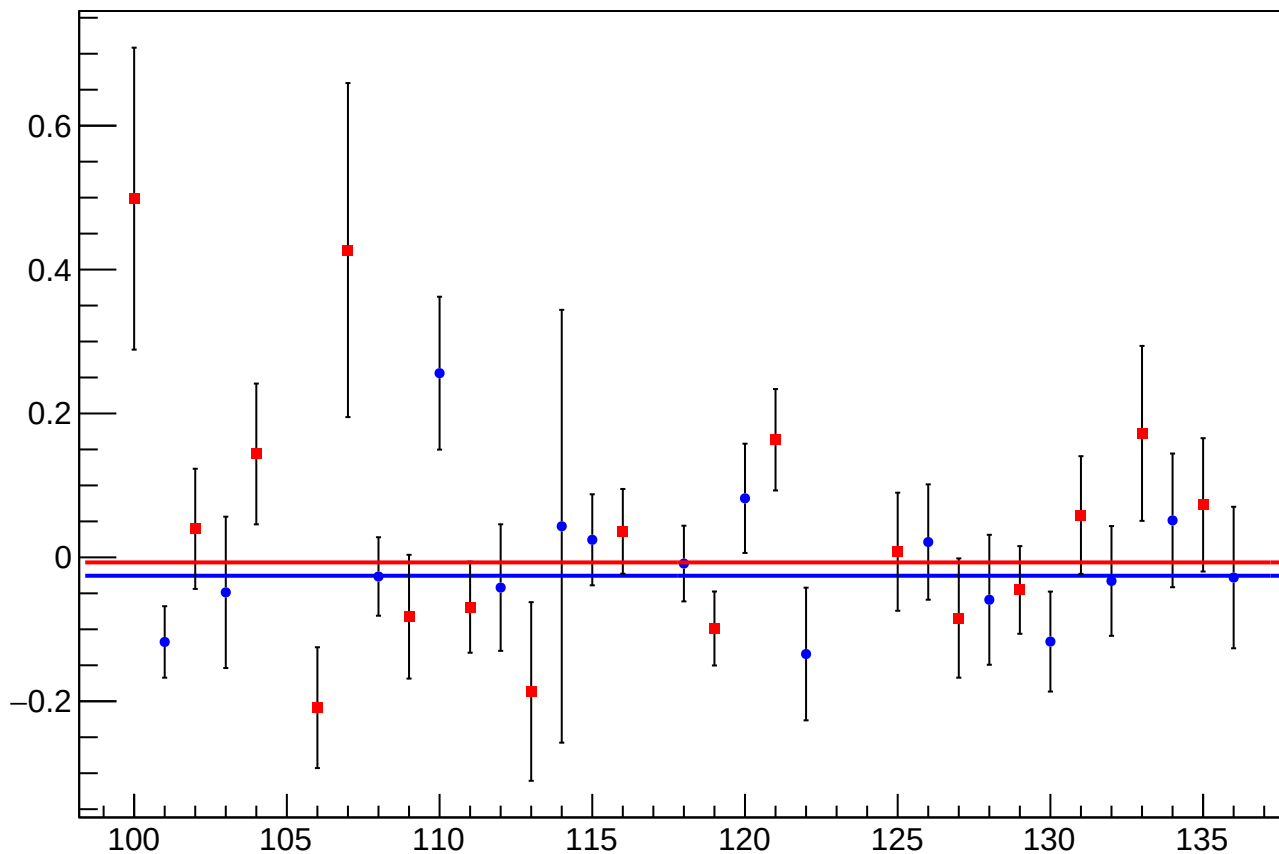
Right: 45.496 $\pm$ 0.010 χ^2 /NDF: 2395409.3/32

In: 44.732 $\pm$ 0.013 χ^2 /NDF:1334604.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 45.496 $\pm$ 0.010 χ^2 /NDF: 2395409.3/32

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: -0.007+/-0.019 χ^2/NDF : 36.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

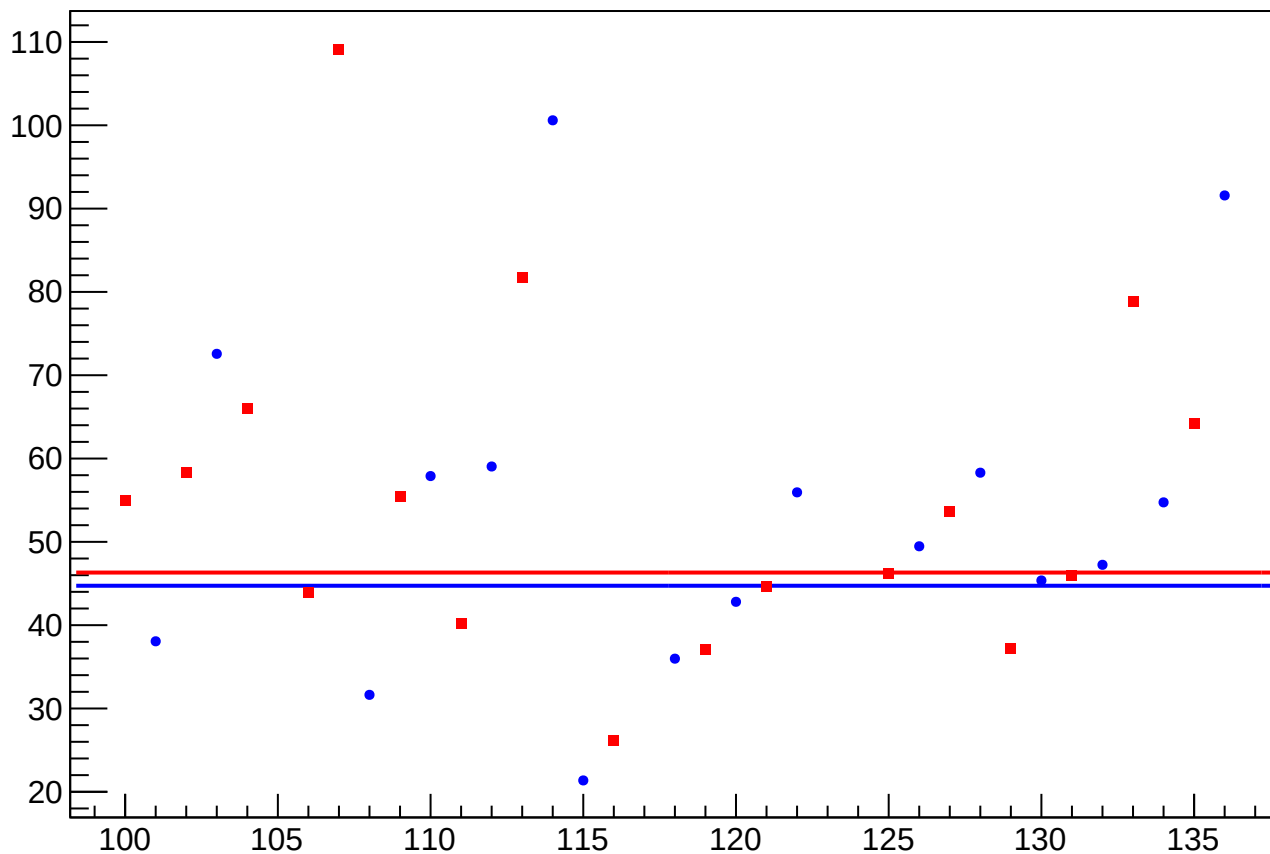
Right: -0.017+/-0.014 χ^2/NDF : 54.1/32

In: -0.026+/-0.019 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.017+/-0.014 χ^2/NDF : 54.1/32

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: 46.315+/-0.014 χ^2/NDF : 1053940.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

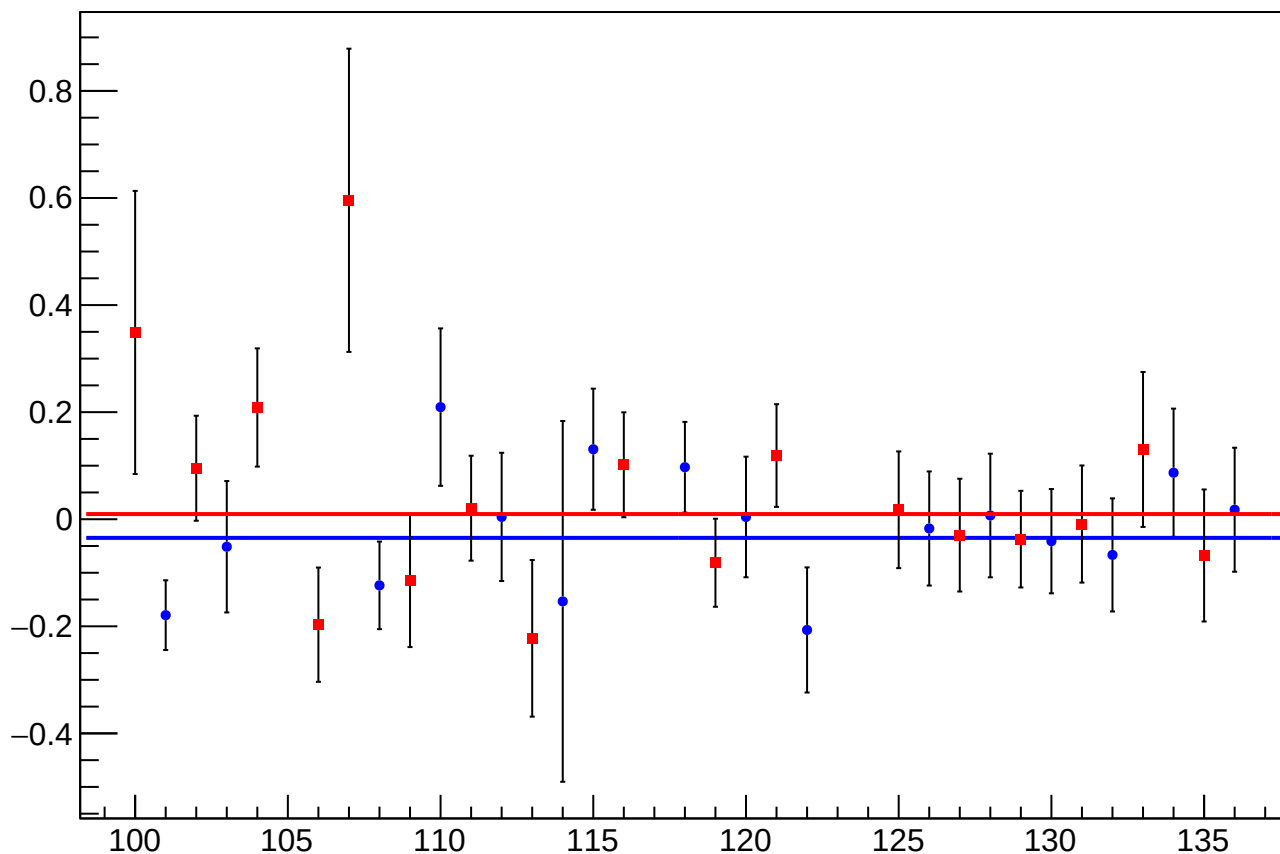
Right: 45.496+/-0.010 χ^2/NDF : 2395409.3/32

In: 44.732+/-0.013 χ^2/NDF : 1334604.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.496+/-0.010 χ^2/NDF : 2395409.3/32

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: 0.010 $\pm$ 0.027 χ^2/NDF : 22.2/16

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

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

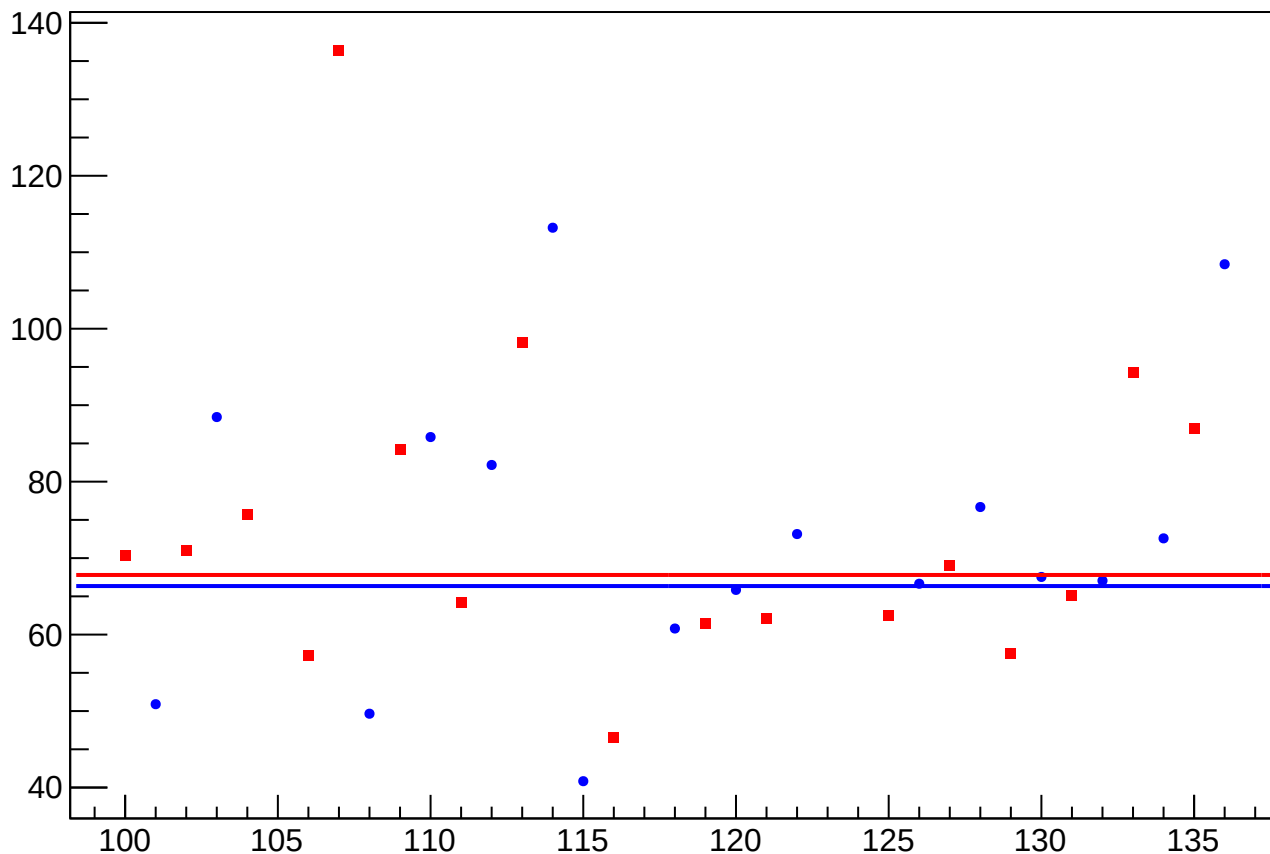
Right: -0.013 $\pm$ 0.019 χ^2/NDF : 41.0/32

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: -0.013 $\pm$ 0.019 χ^2/NDF : 41.0/32

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: 67.797+/-0.019 χ^2/NDF : 533203.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

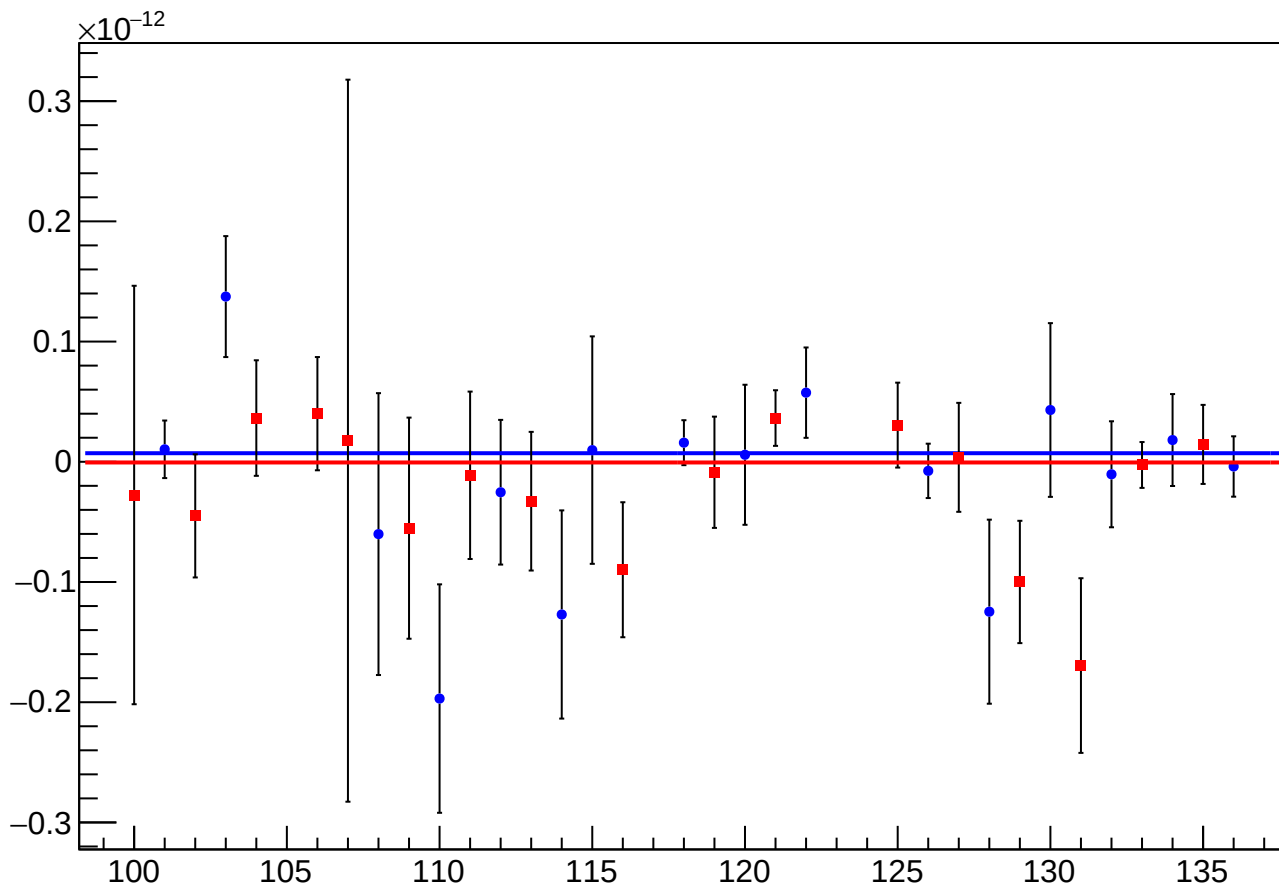
Right: 67.053+/-0.013 χ^2/NDF : 1308822.9/32

In: 66.348+/-0.019 χ^2/NDF : 772660.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.053+/-0.013 χ^2/NDF : 1308822.9/32

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 : 18.1/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

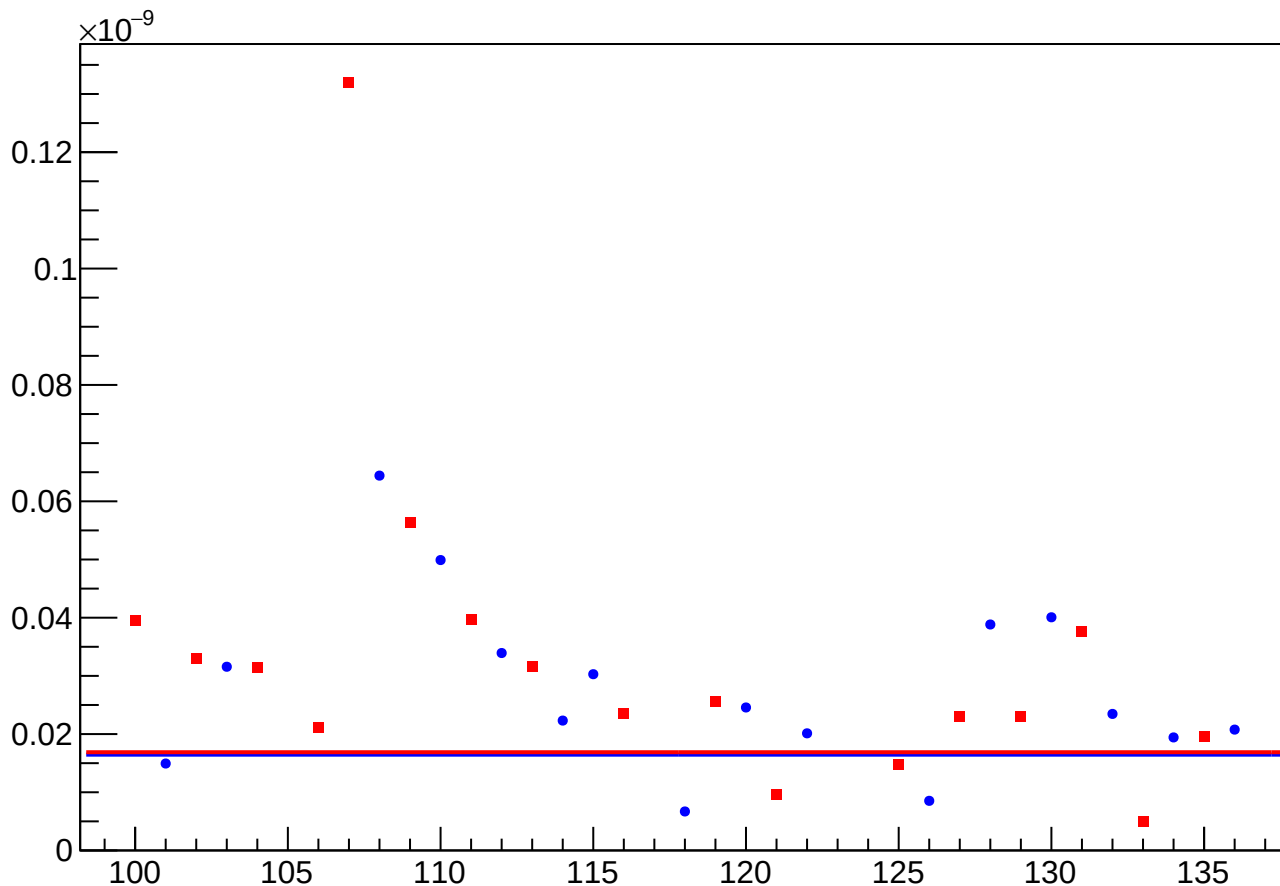
Right: 0.000 ± 0.000 χ^2/NDF : 38.9/32

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 : 38.9/32

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 : 2761016.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

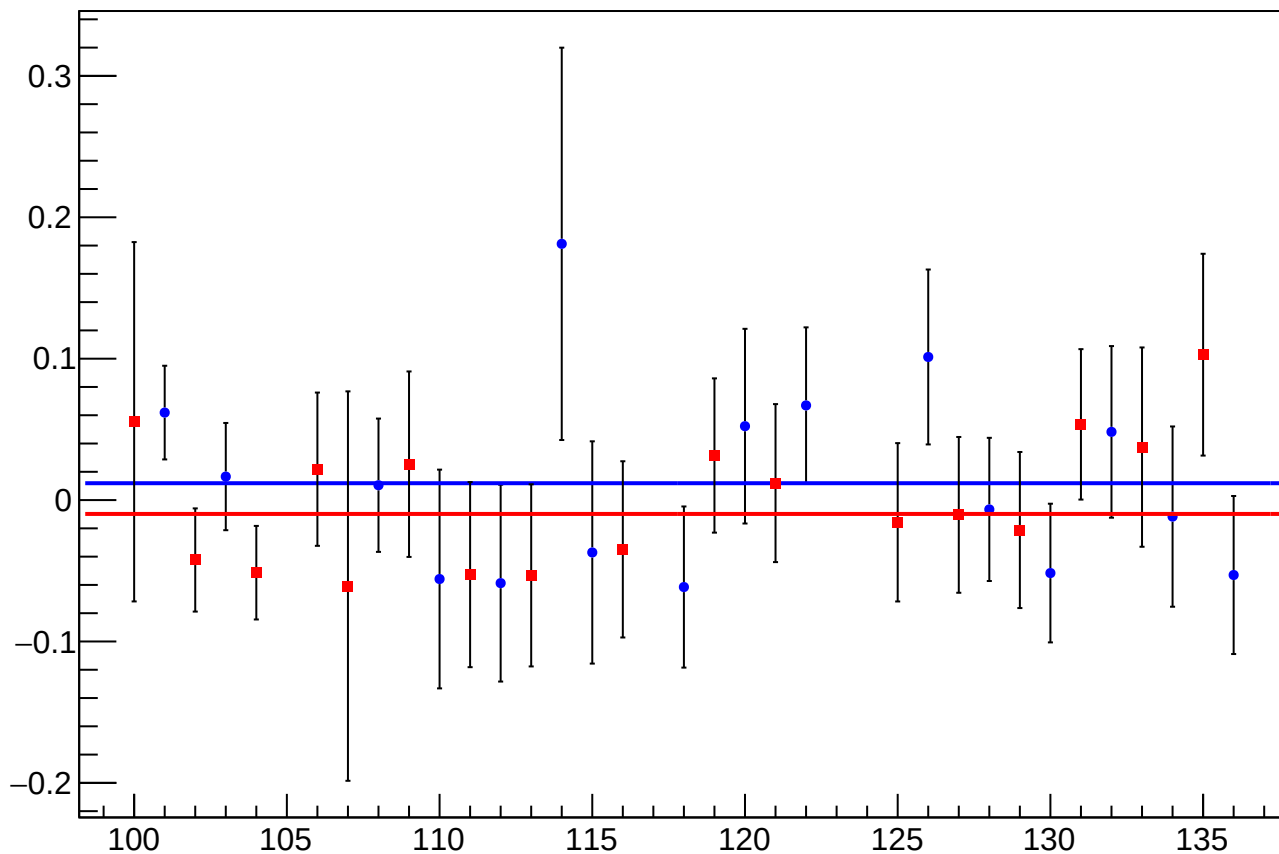
Right: 0.000+/-0.000 χ^2/NDF : 5108825.4/32

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 : 5108825.4/32

asym_usl_overload_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.012+/-0.014 χ^2/NDF : 14.7/15

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

Right Out: -0.010+/-0.014 χ^2/NDF : 9.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

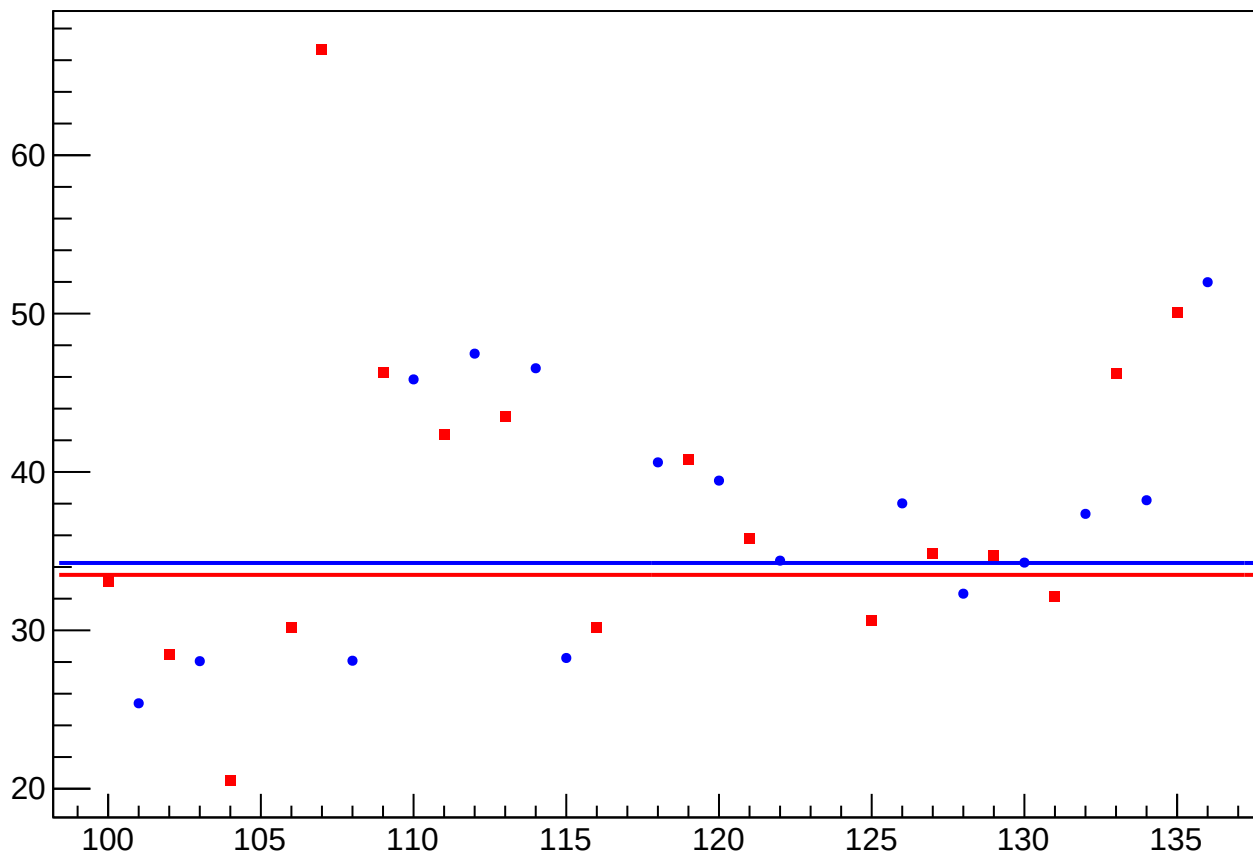
Right: 0.001+/-0.010 χ^2/NDF : 25.6/32

In: 0.012+/-0.014 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.010 χ^2/NDF : 25.6/32

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: 33.502+/-0.010 χ^2/NDF : 856975.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

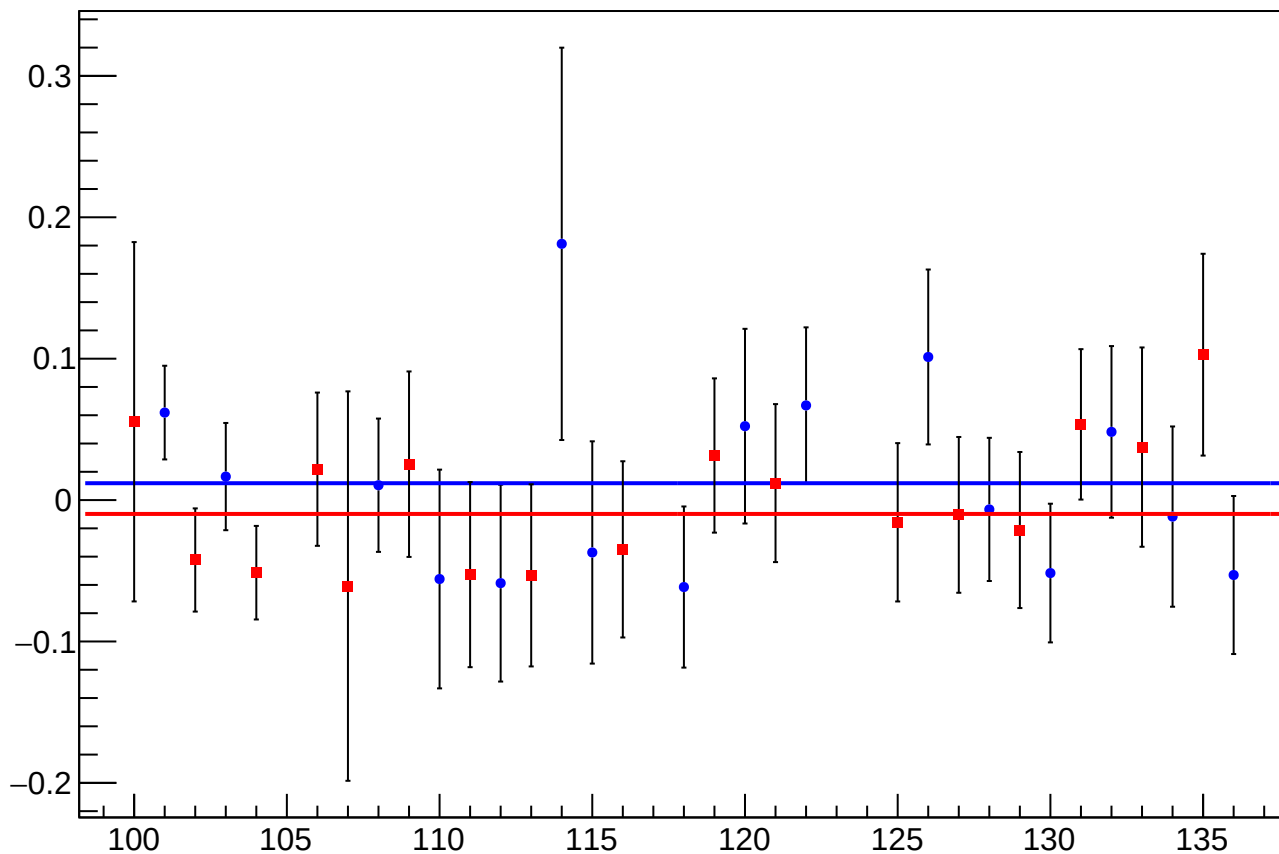
Right: 33.876+/-0.007 χ^2/NDF : 1496066.1/32

In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.876+/-0.007 χ^2/NDF : 1496066.1/32

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: -0.010 $\pm$ 0.014 χ^2 /NDF: 9.6/16

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

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

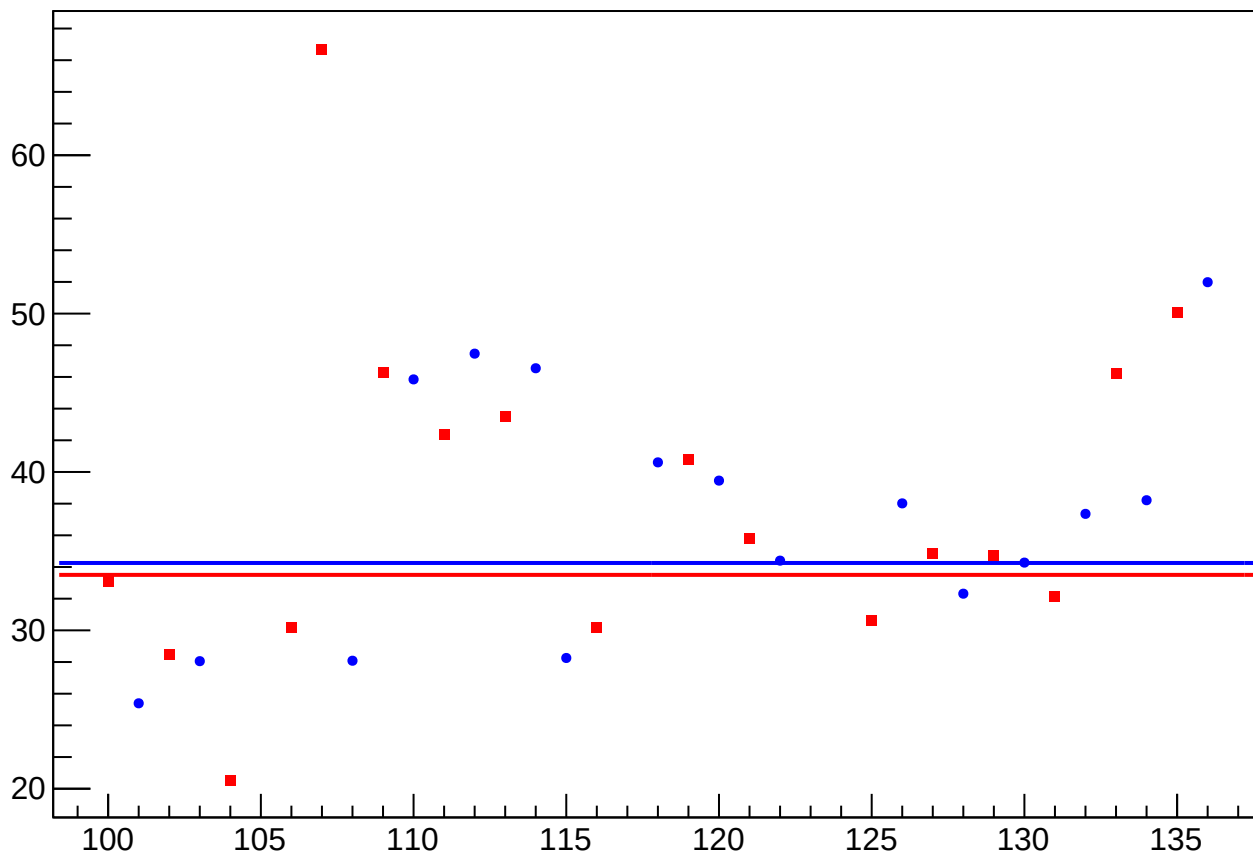
Right: 0.001 $\pm$ 0.010 χ^2 /NDF: 25.6/32

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: 0.001 $\pm$ 0.010 χ^2 /NDF: 25.6/32

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: 33.502+/-0.010 χ^2/NDF : 856975.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

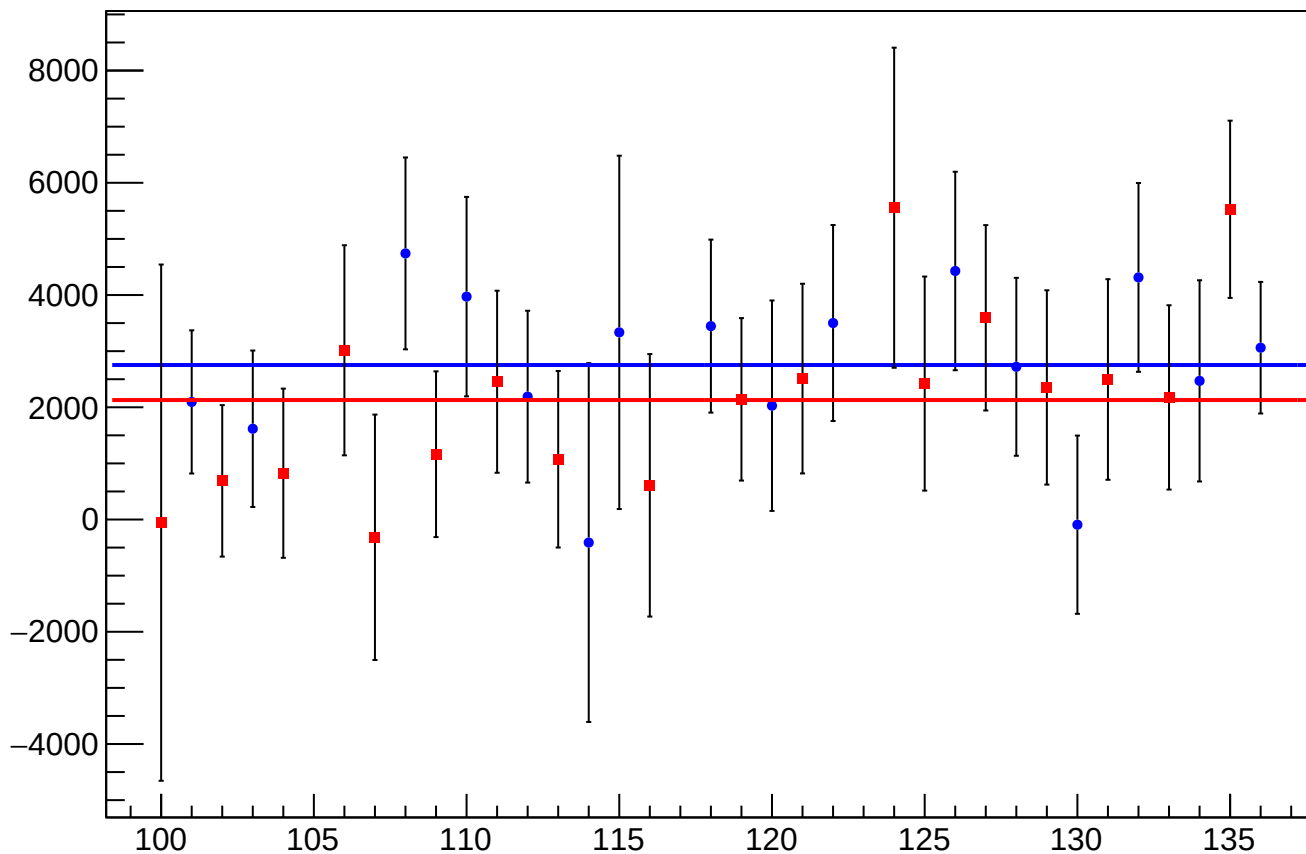
Right: 33.876+/-0.007 χ^2/NDF : 1496066.1/32

In: 34.254+/-0.010 χ^2/NDF : 636017.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.876+/-0.007 χ^2/NDF : 1496066.1/32

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: 2128.924+/-409.347 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

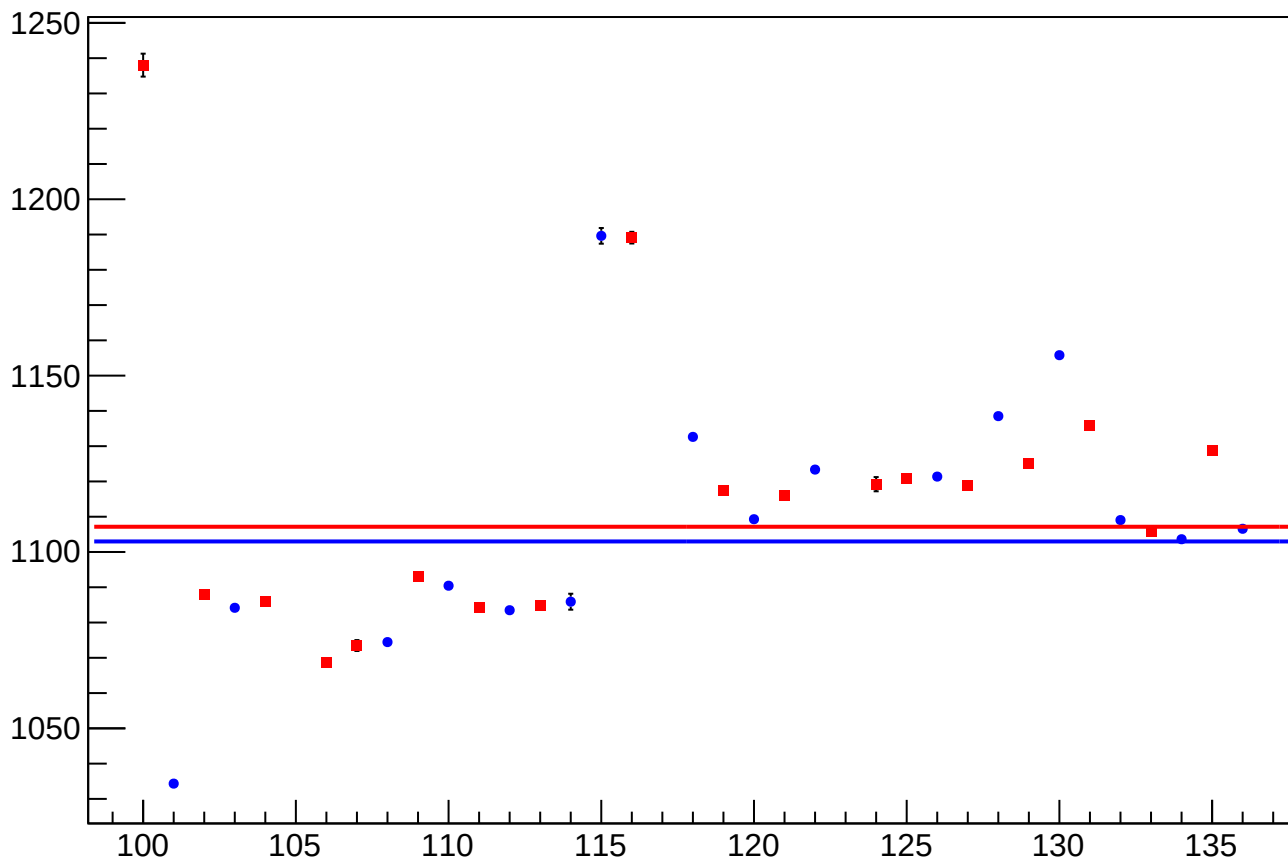
Right: 2440.650+/-289.625 χ^2/NDF : 22.6/33

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2440.650+/-289.625 χ^2/NDF : 22.6/33

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: 1107.155+/-0.289 χ^2/NDF : 8683.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

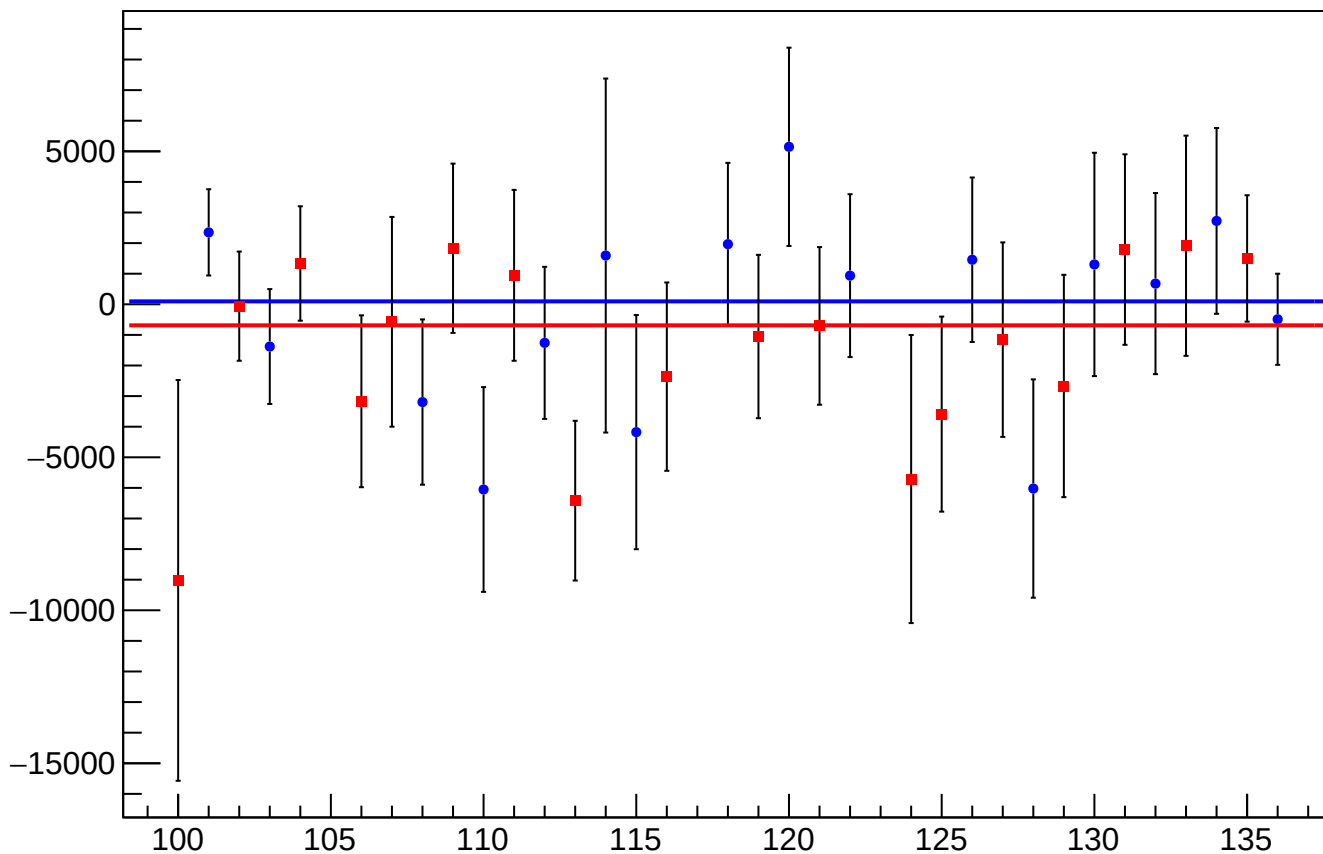
Right: 1105.074+/-0.205 χ^2/NDF : 22010.7/33

In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.074+/-0.205 χ^2/NDF : 22010.7/33

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: -686.660+/-649.473 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

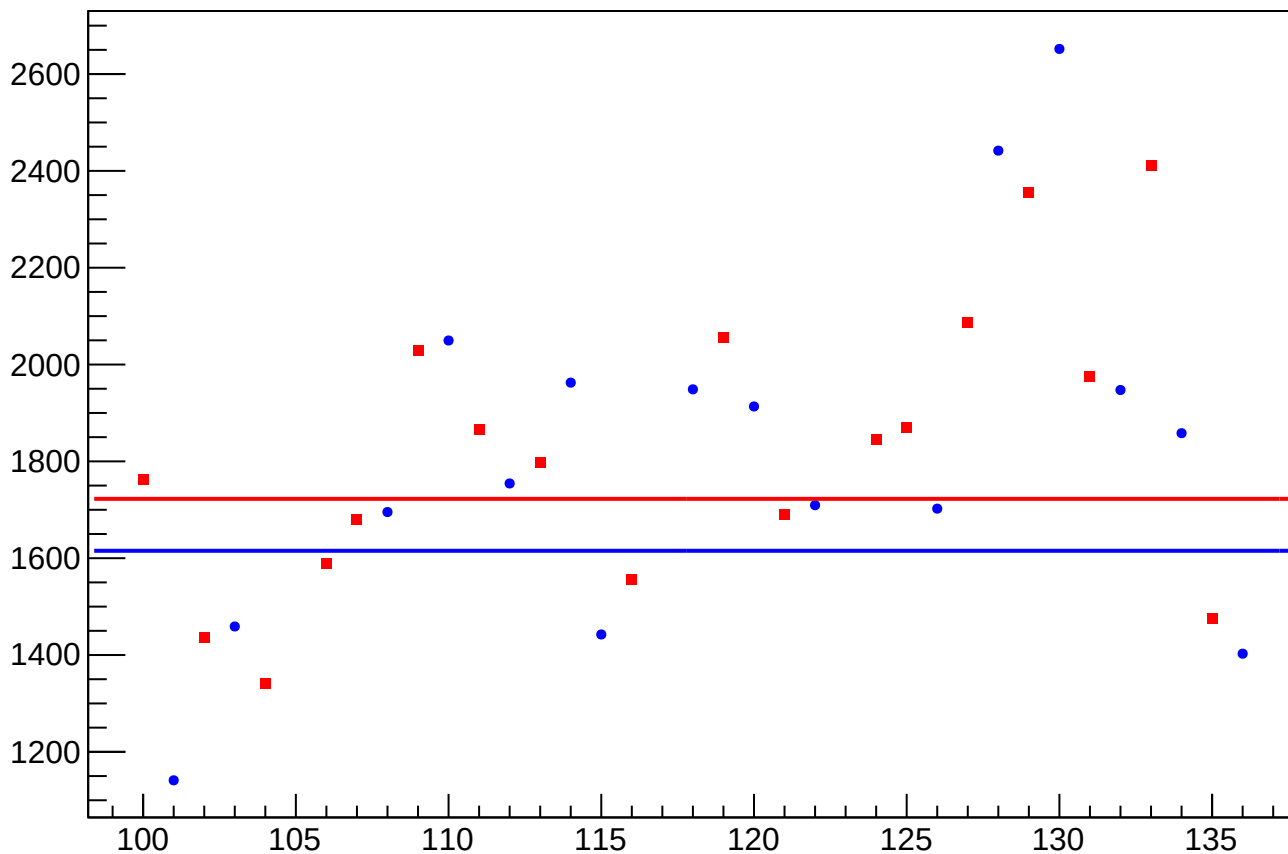
Right: -275.991+/-447.741 χ^2/NDF : 32.3/33

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.991+/-447.741 χ^2/NDF : 32.3/33

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: 1722.599+/-0.459 χ^2/NDF : 416124.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

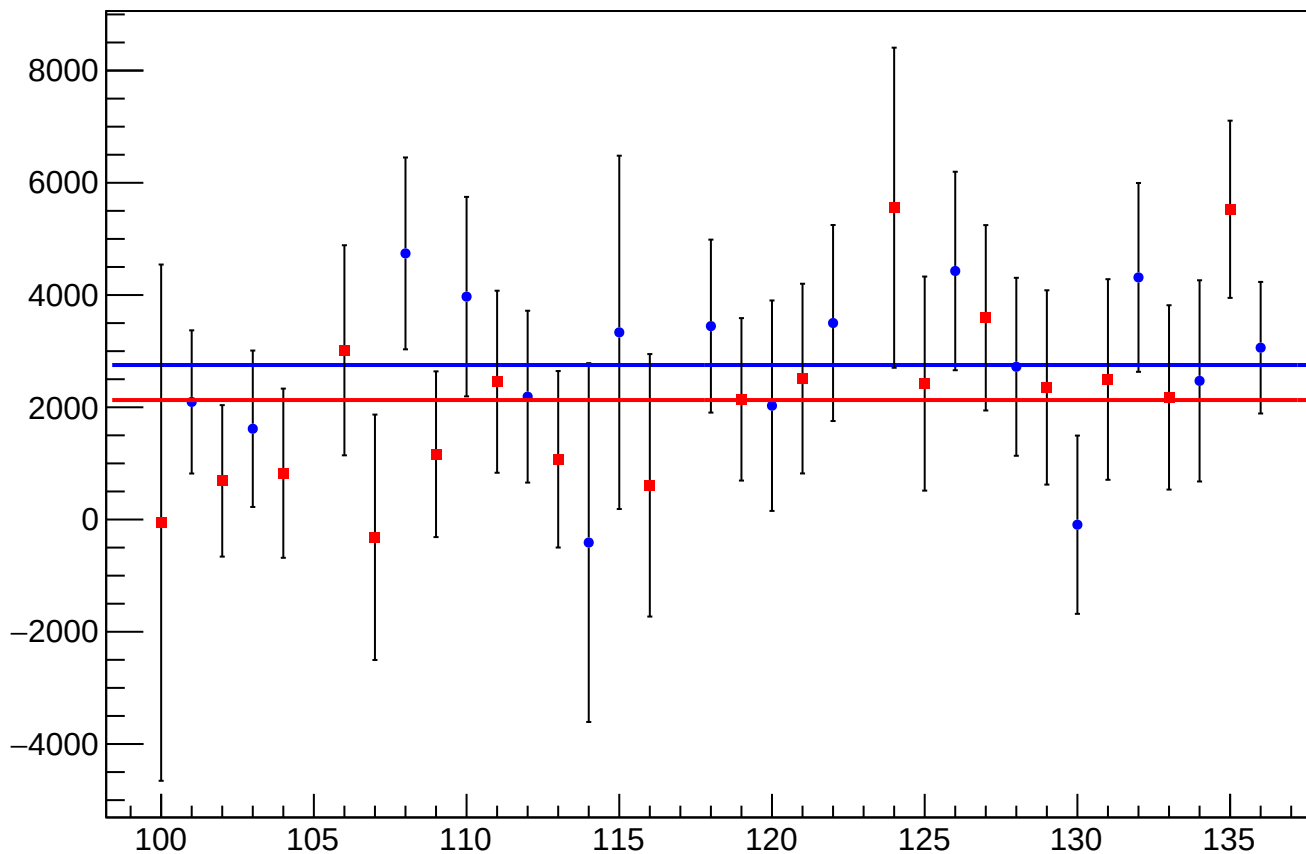
Right: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

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: 2128.924+/-409.347 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

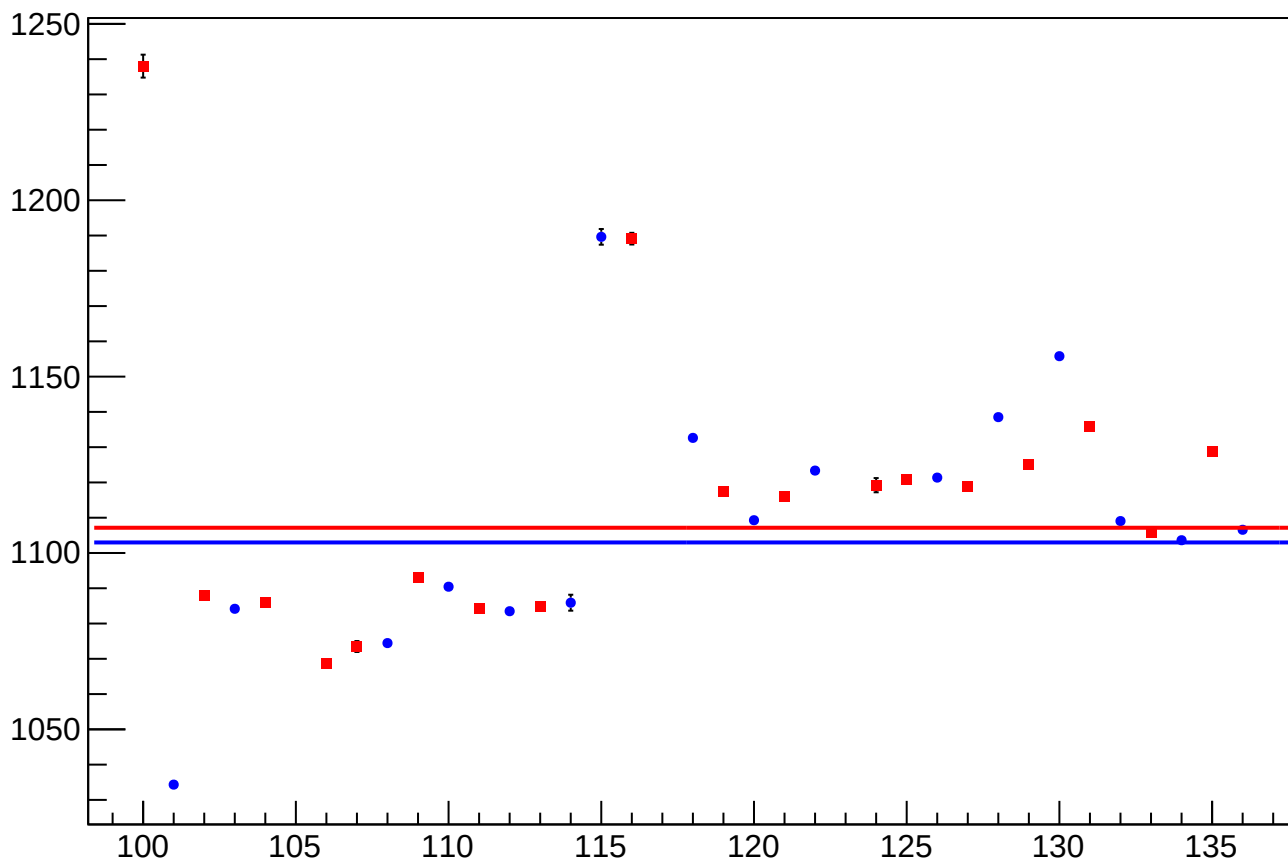
Right: 2440.650+/-289.625 χ^2/NDF : 22.6/33

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2440.650+/-289.625 χ^2/NDF : 22.6/33

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: 1107.155+/-0.289 χ^2/NDF : 8683.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

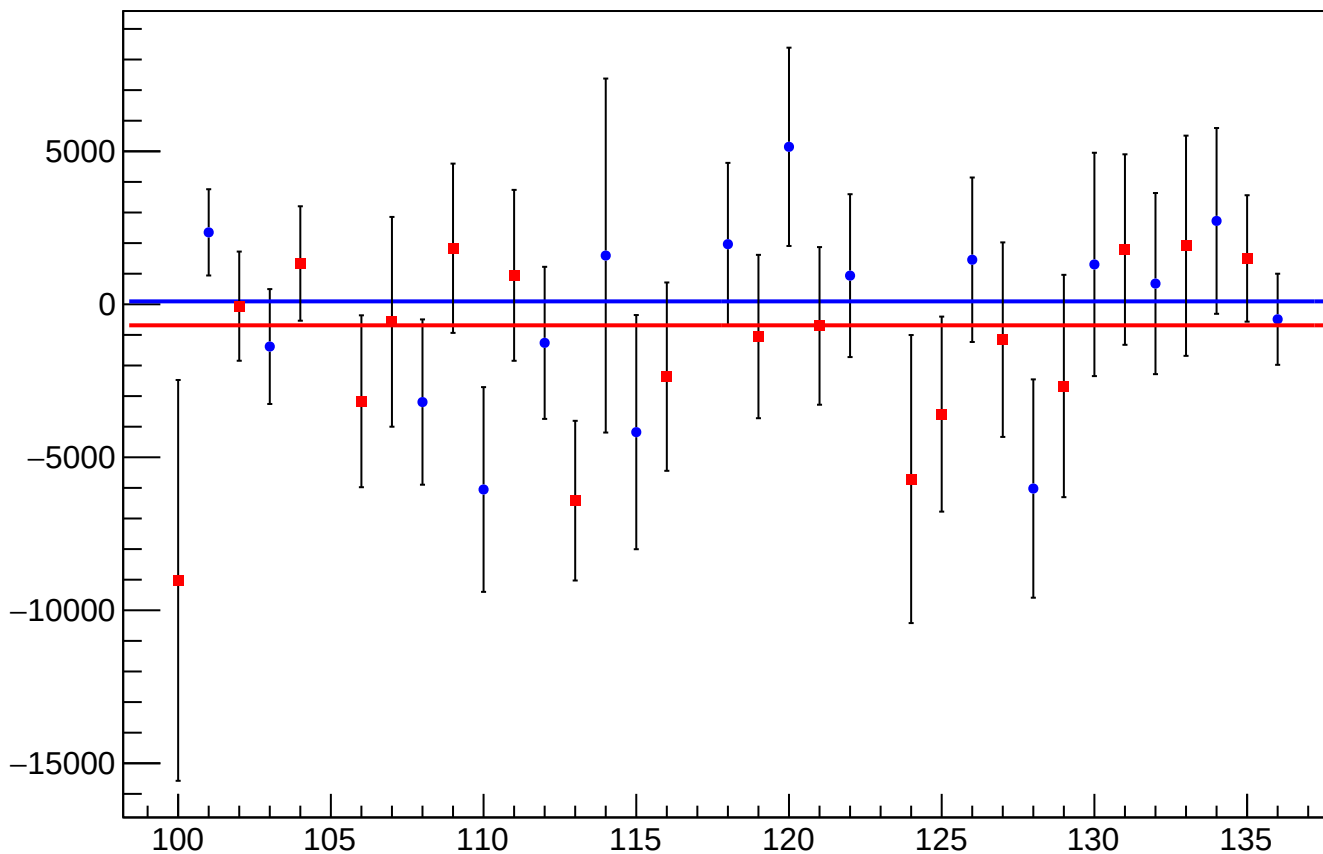
Right: 1105.074+/-0.205 χ^2/NDF : 22010.7/33

In: 1102.988+/-0.290 χ^2/NDF : 13223.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.074+/-0.205 χ^2/NDF : 22010.7/33

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: -686.660+/-649.473 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

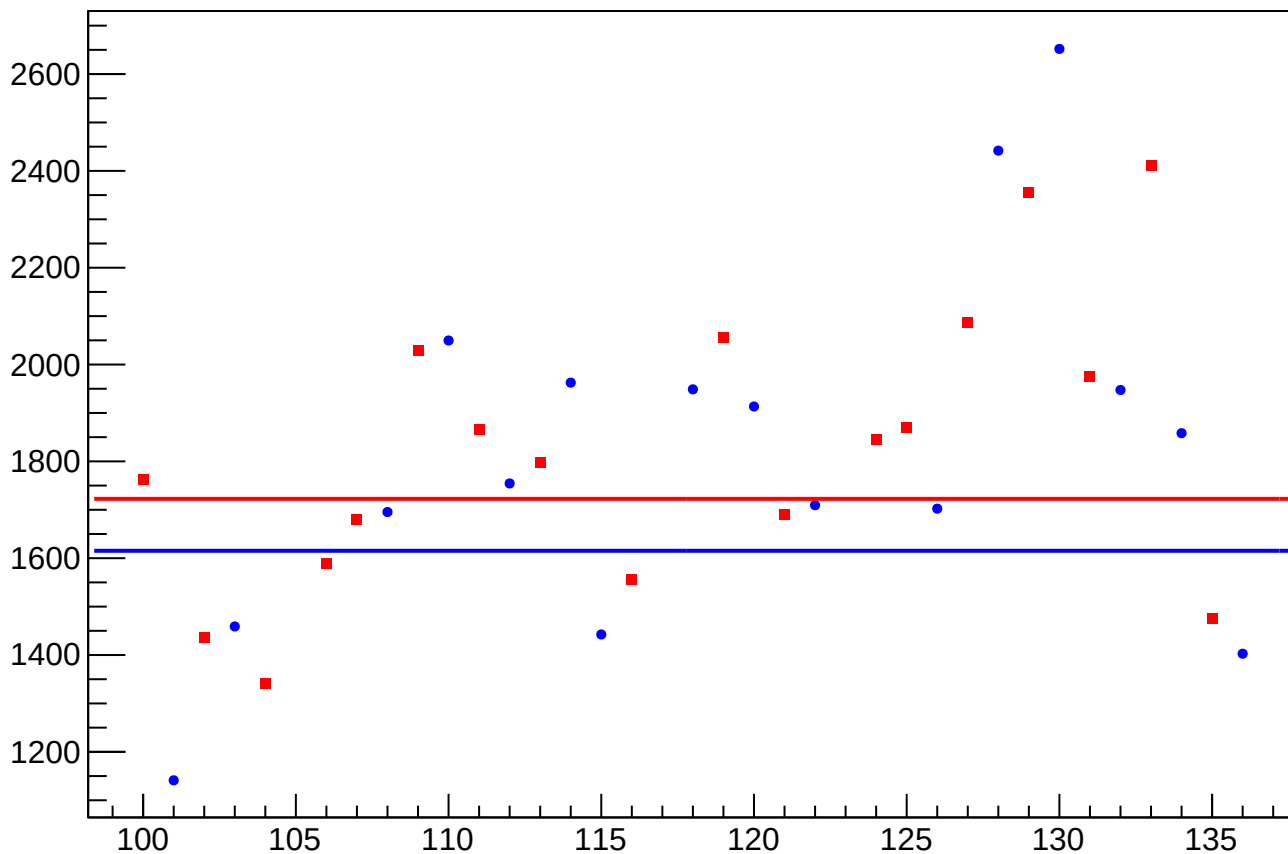
Right: -275.991+/-447.741 χ^2/NDF : 32.3/33

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.991+/-447.741 χ^2/NDF : 32.3/33

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: 1722.599+/-0.459 χ^2/NDF : 416124.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

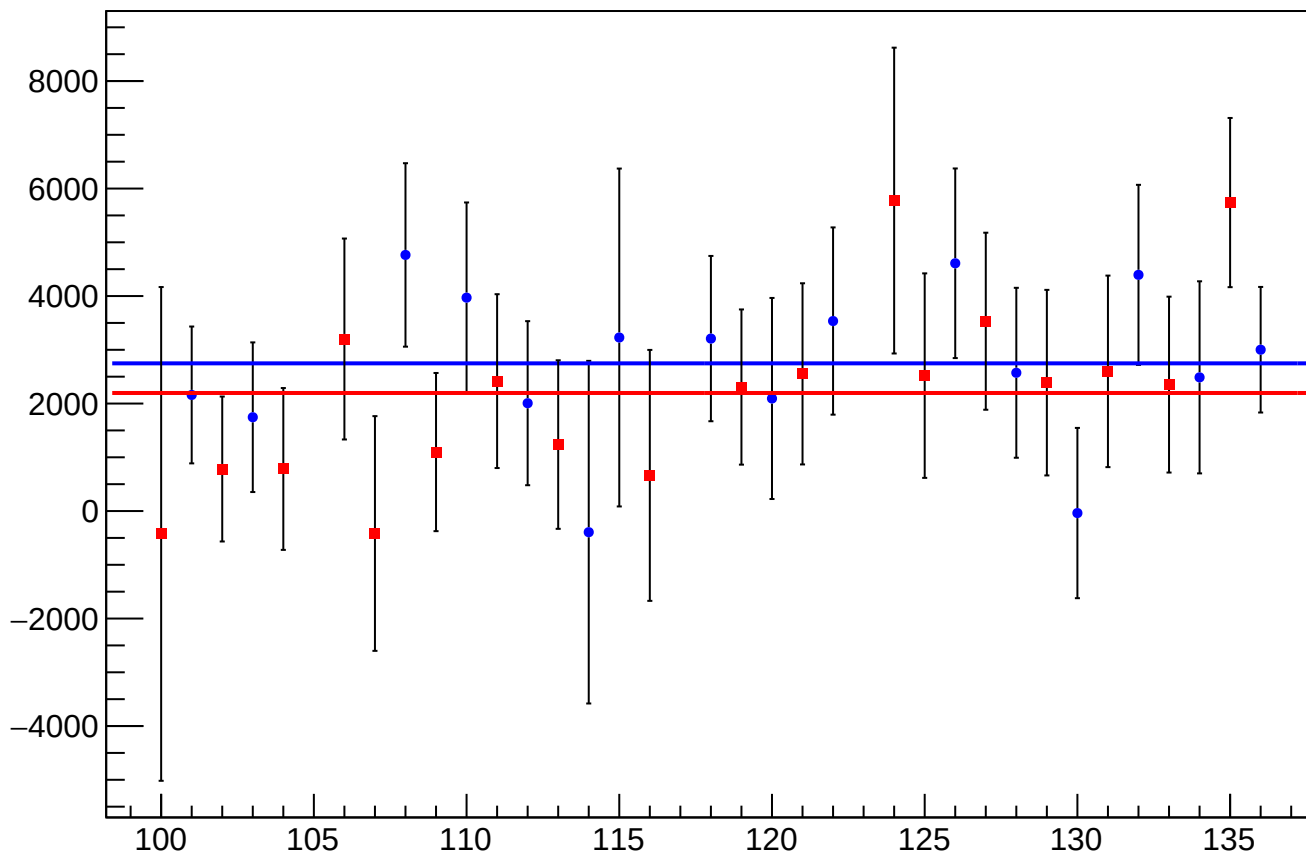
Right: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

overload_cor_asym_usr_mean vs Slug, Sign Corrected



Right In: 2747.939 $\pm$ 408.759 χ^2 /NDF: 9.5/15

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

Right Out: 2196.543 $\pm$ 408.340 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

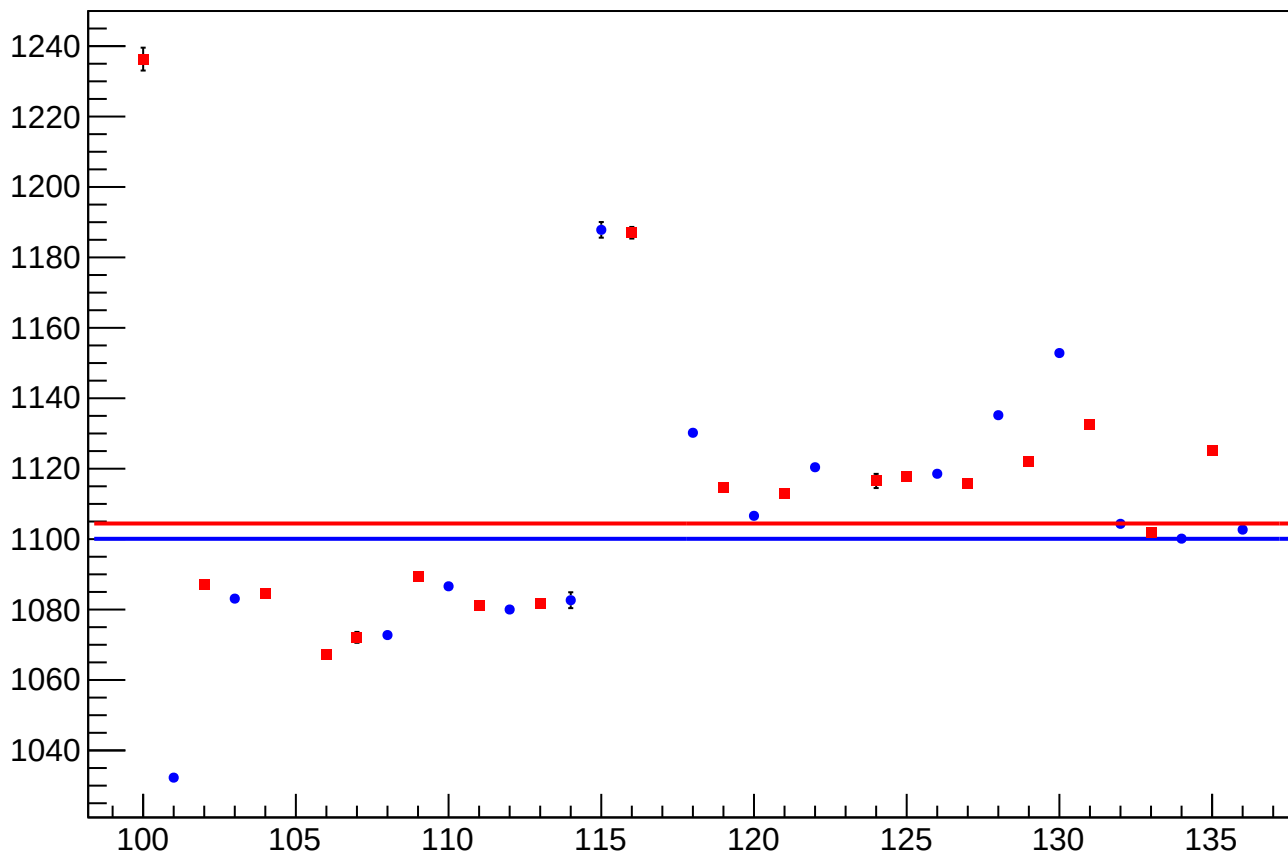
Right: 2471.958 $\pm$ 288.888 χ^2 /NDF: 23.3/33

In: 2747.939 $\pm$ 408.759 χ^2 /NDF:9.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2471.958 $\pm$ 288.888 χ^2 /NDF: 23.3/33

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: 1104.436+/-0.289 χ^2/NDF : 8543.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

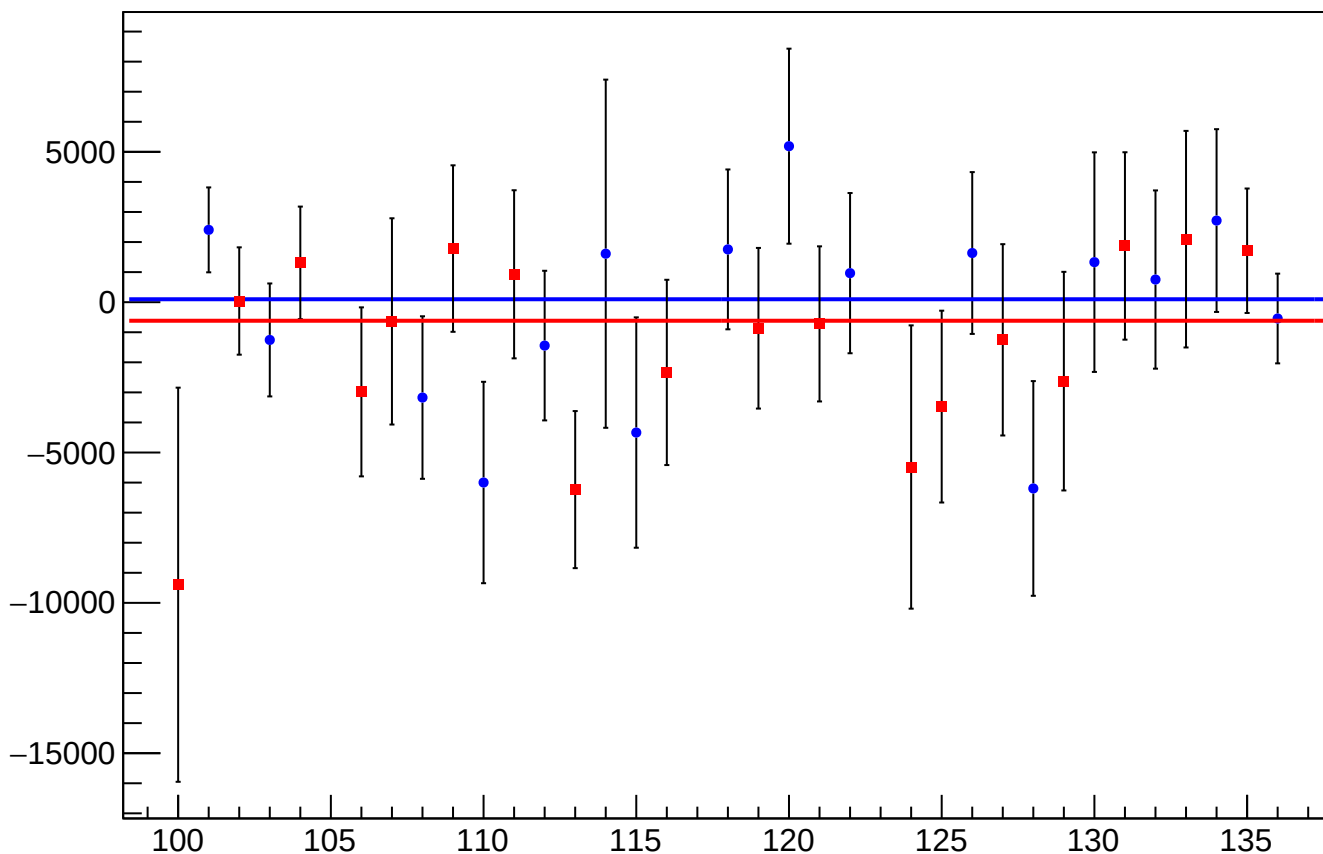
Right: 1102.266+/-0.204 χ^2/NDF : 21733.3/33

In: 1100.090+/-0.289 χ^2/NDF : 13077.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.266+/-0.204 χ^2/NDF : 21733.3/33

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: -617.231+/-650.077 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

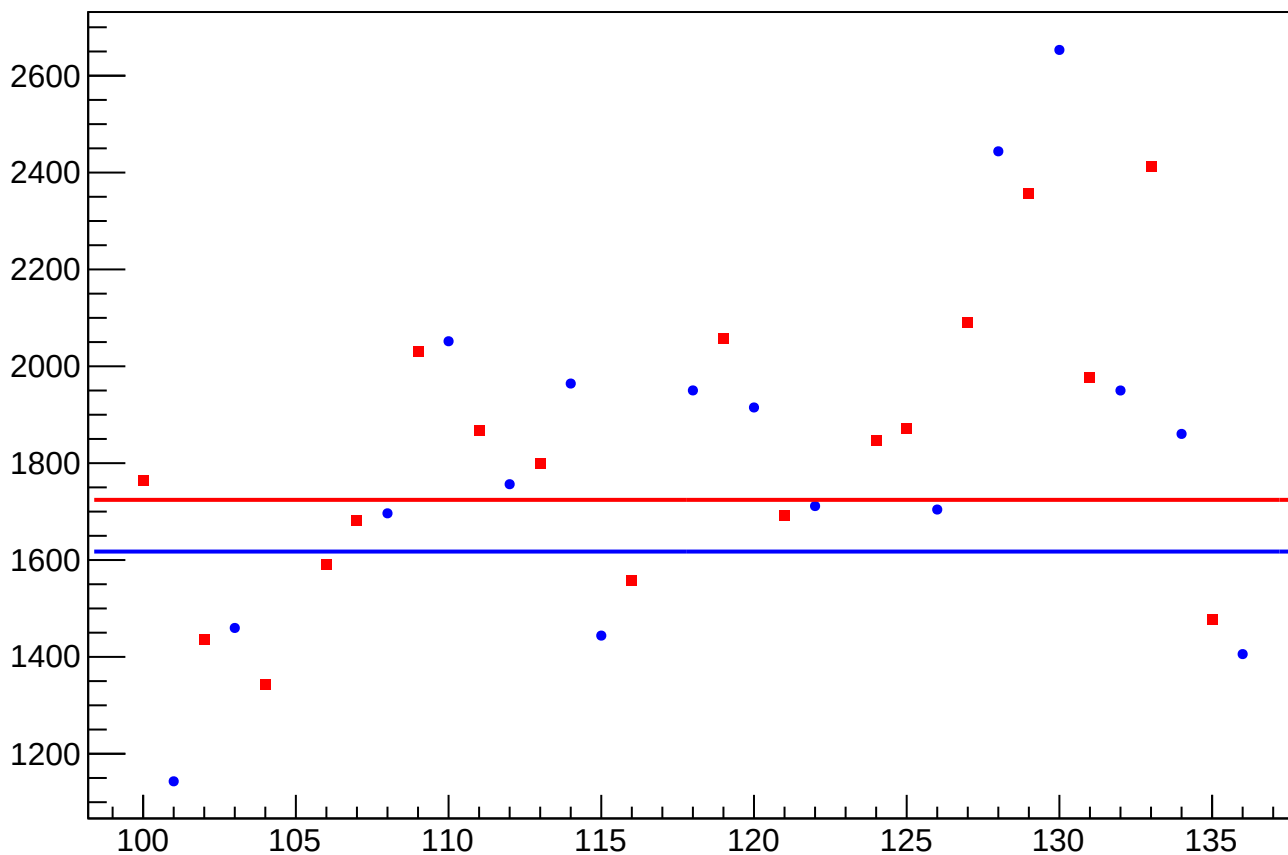
Right: -242.337+/-448.236 χ^2/NDF : 32.2/33

In: 97.435+/-618.876 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -242.337+/-448.236 χ^2/NDF : 32.2/33

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: 1724.231+/-0.460 χ^2/NDF : 415953.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

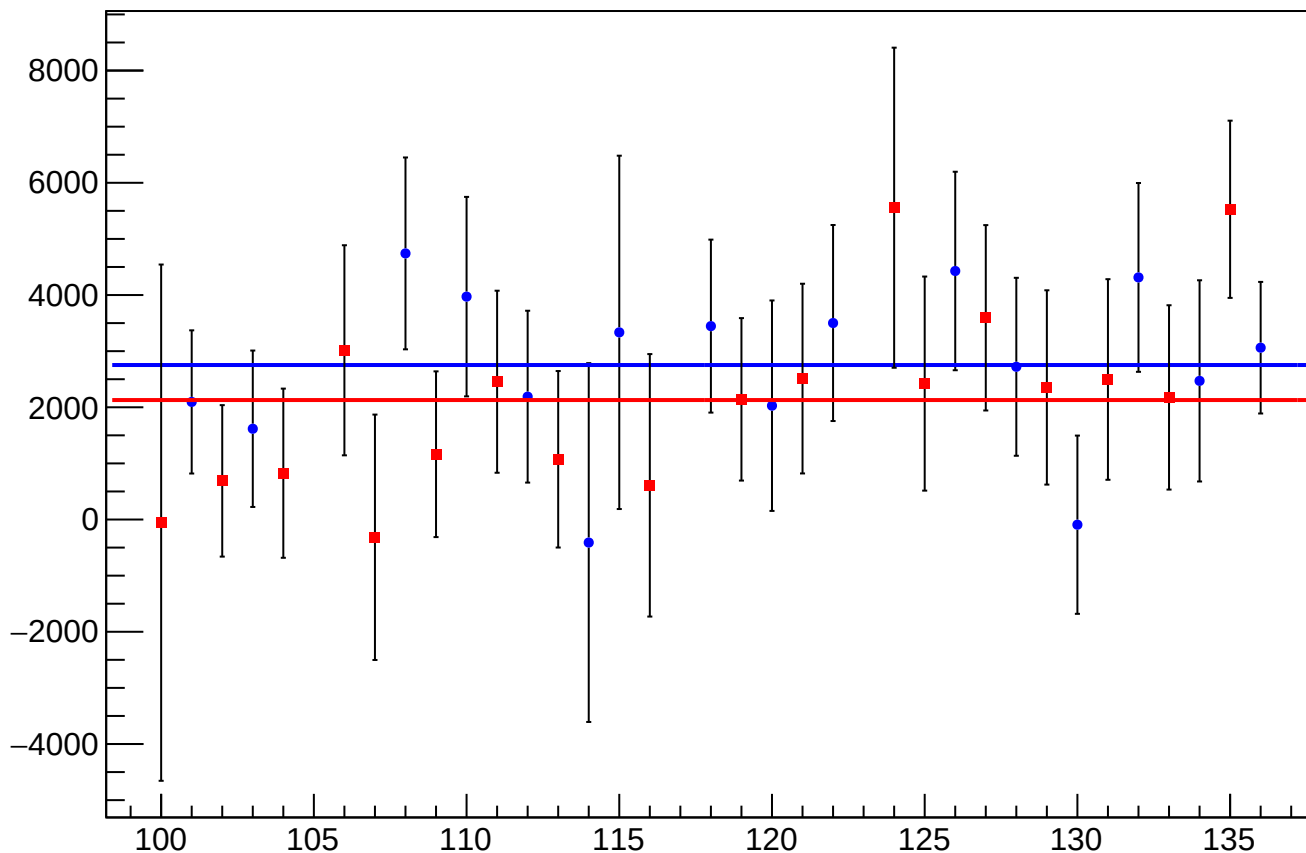
Right: 1668.238+/-0.317 χ^2/NDF : 1135964.0/33

In: 1617.491+/-0.438 χ^2/NDF : 691725.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1668.238+/-0.317 χ^2/NDF : 1135964.0/33

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: 2128.924+/-409.347 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

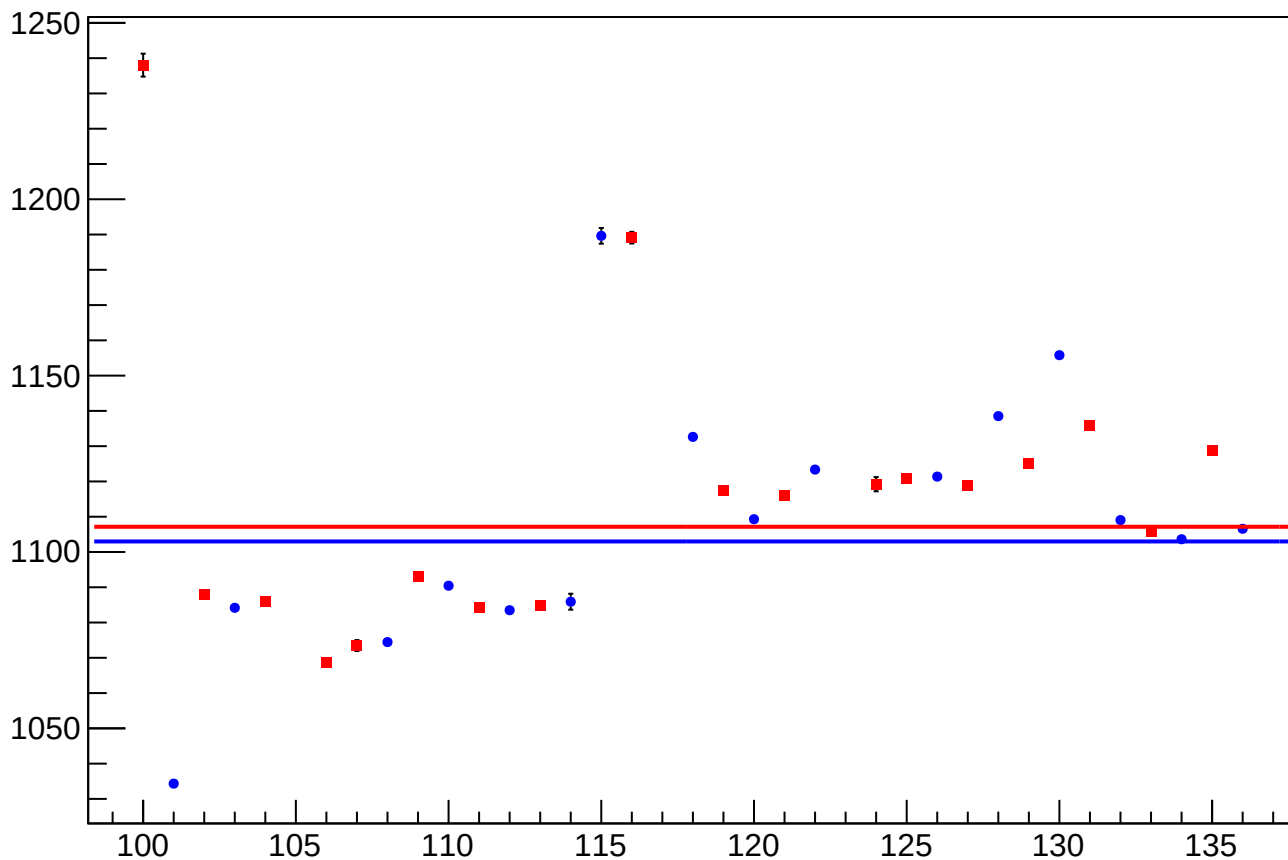
Right: 2440.650+/-289.625 χ^2/NDF : 22.6/33

In: 2753.123+/-409.837 χ^2/NDF : 9.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2440.650+/-289.625 χ^2/NDF : 22.6/33

eigen_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: 1107.155 $\pm$ 0.289 χ^2 /NDF: 8683.4/17

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

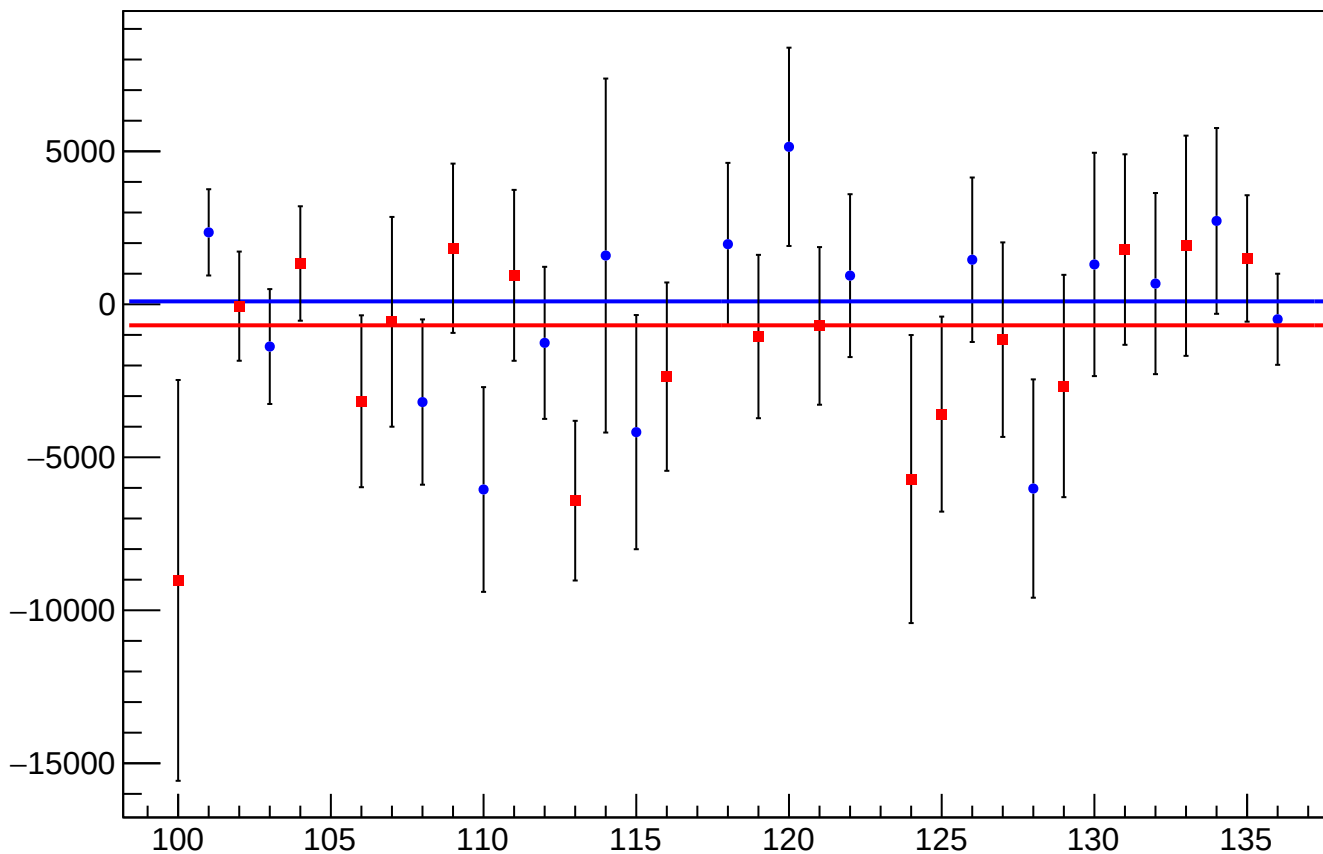
Right: 1105.074 $\pm$ 0.205 χ^2 /NDF: 22010.7/33

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: 1105.074 $\pm$ 0.205 χ^2 /NDF: 22010.7/33

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: -686.660+/-649.473 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

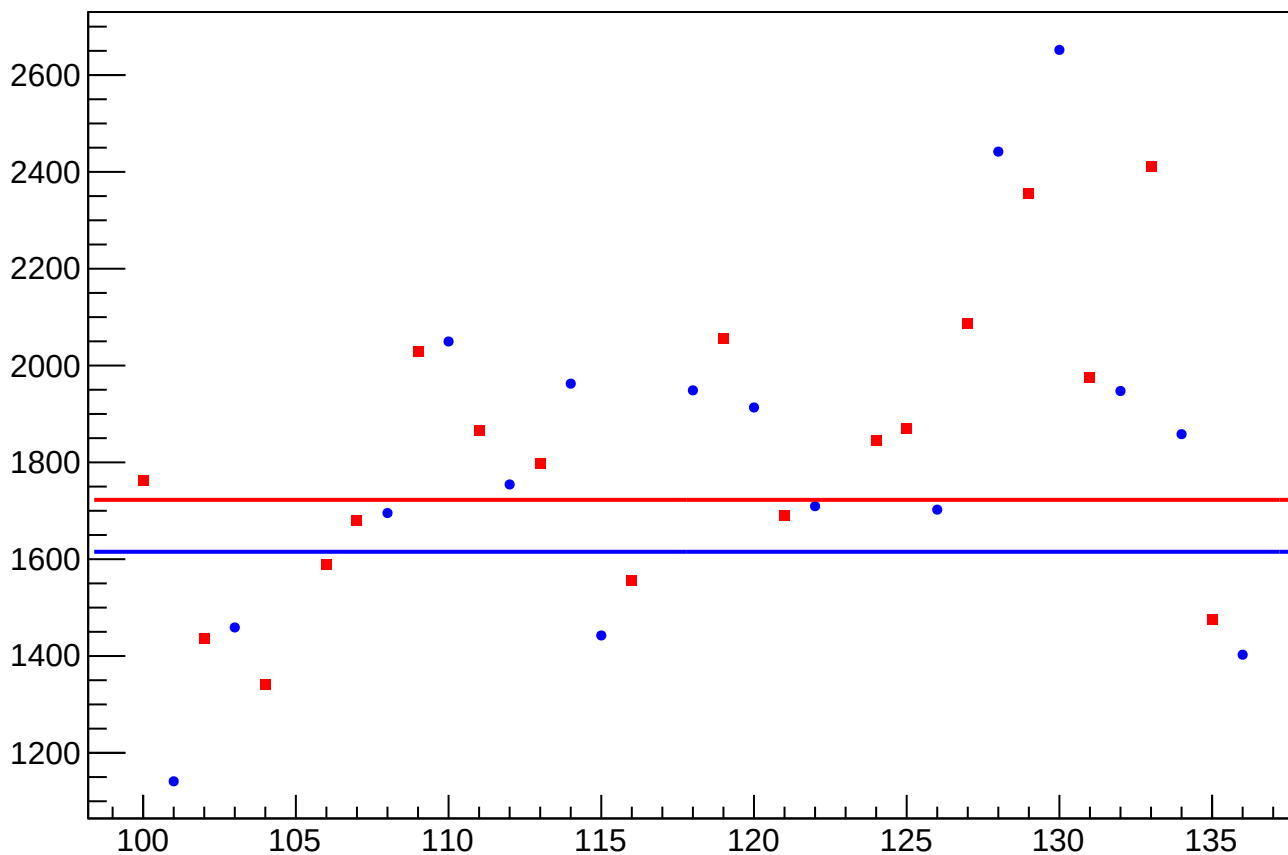
Right: -275.991+/-447.741 χ^2/NDF : 32.3/33

In: 95.955+/-618.095 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -275.991+/-447.741 χ^2/NDF : 32.3/33

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: 1722.599+/-0.459 χ^2/NDF : 416124.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

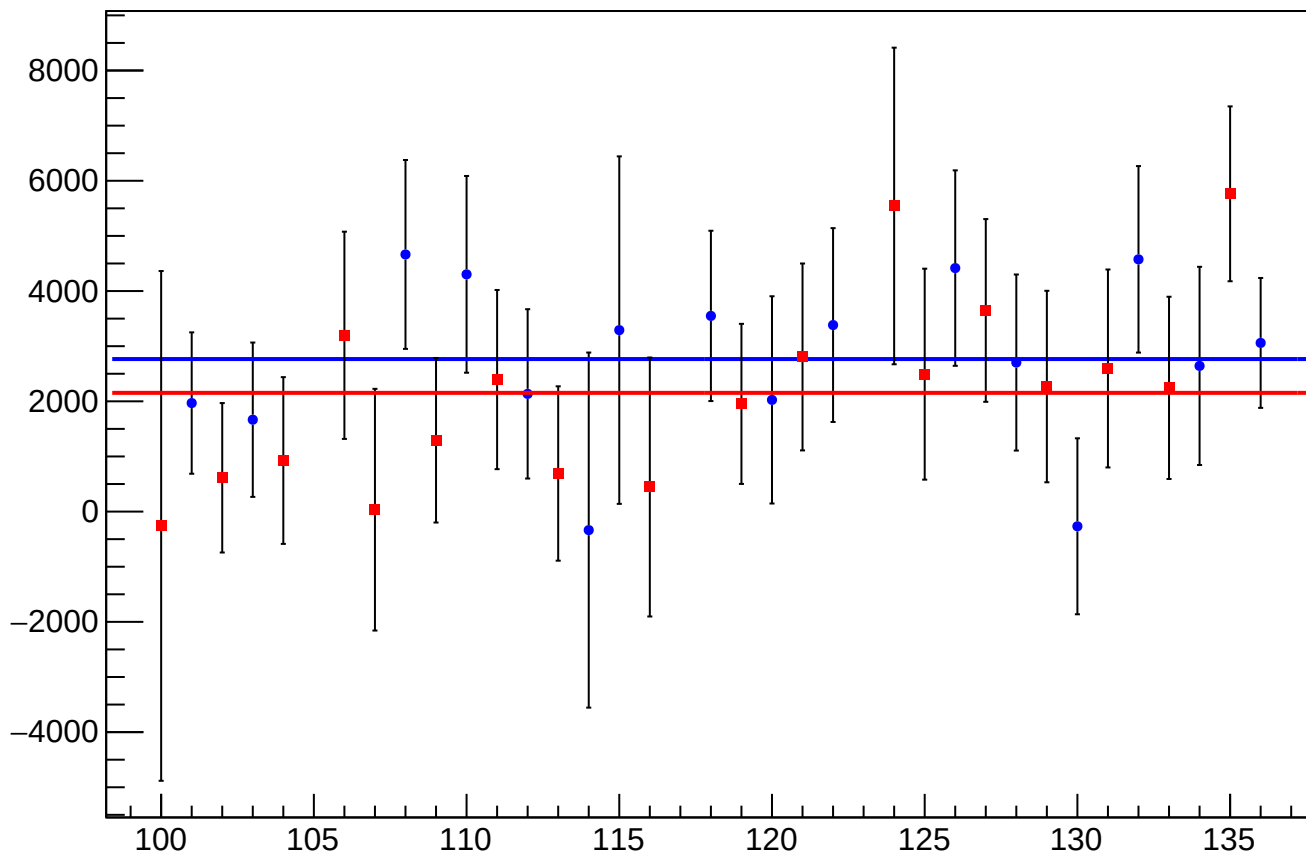
Right: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

In: 1615.316+/-0.437 χ^2/NDF : 693630.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1666.303+/-0.317 χ^2/NDF : 1138390.8/33

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: 2153.595 $\pm$ 411.135 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

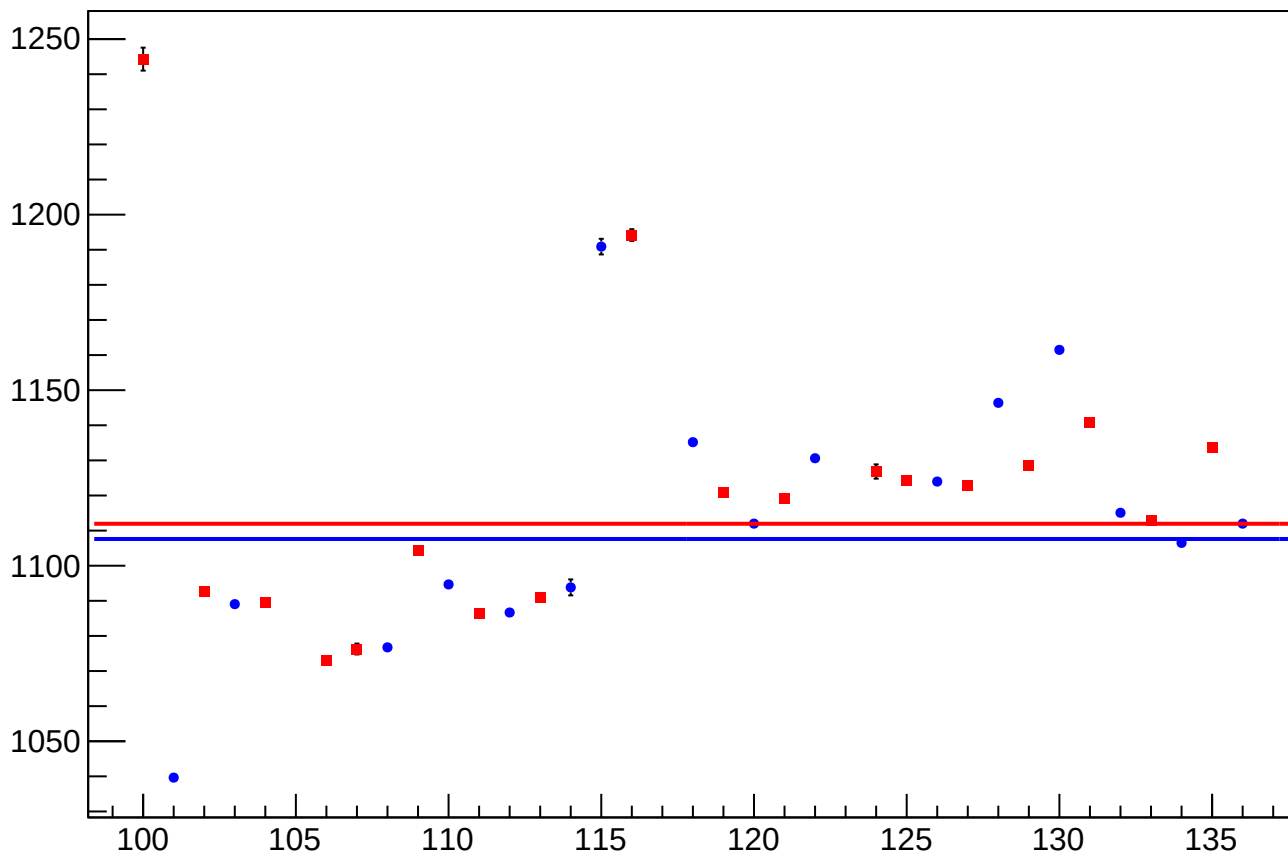
Right: 2459.807 $\pm$ 290.868 χ^2 /NDF: 24.3/33

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: 2459.807 $\pm$ 290.868 χ^2 /NDF: 24.3/33

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: 1111.951 ± 0.291 χ^2/NDF : 8650.8/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

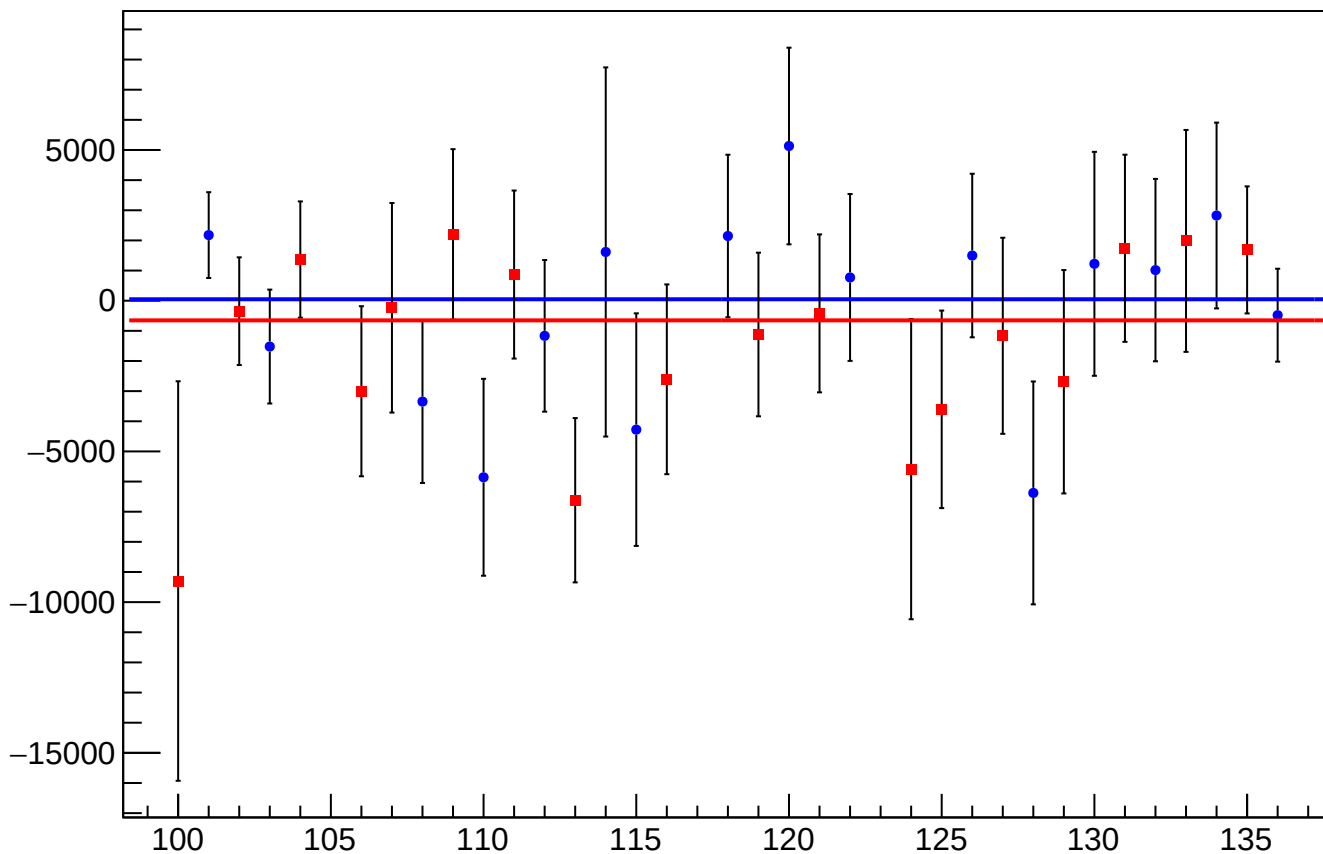
Right: 1109.785 ± 0.206 χ^2/NDF : 21982.8/33

In: 1107.613 ± 0.291 χ^2/NDF : 13220.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1109.785 ± 0.206 χ^2/NDF : 21982.8/33

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: -652.029+/-661.177 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

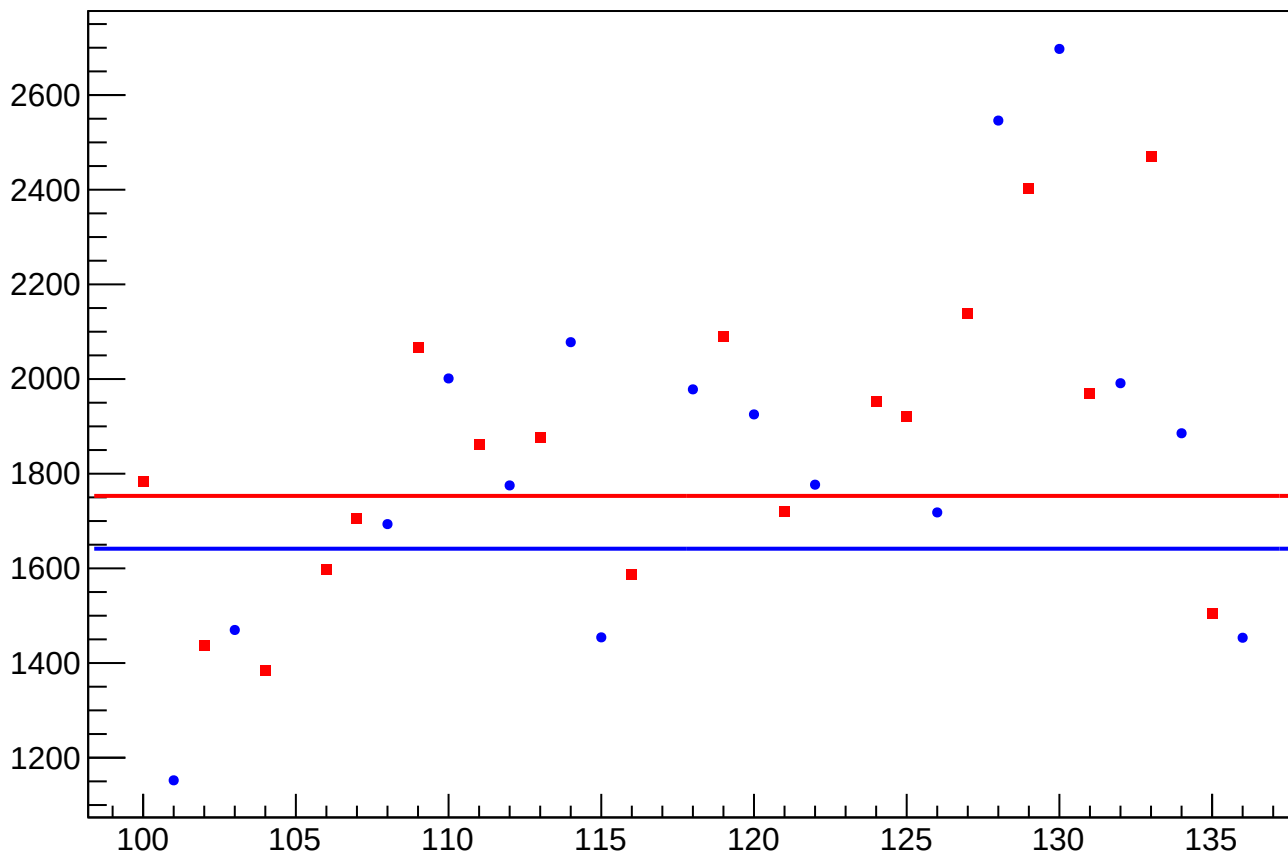
Right: -284.141+/-455.363 χ^2/NDF : 32.0/33

In: 47.817+/-628.060 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.141+/-455.363 χ^2/NDF : 32.0/33

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: 1753.109+/-0.468 χ^2/NDF : 422143.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

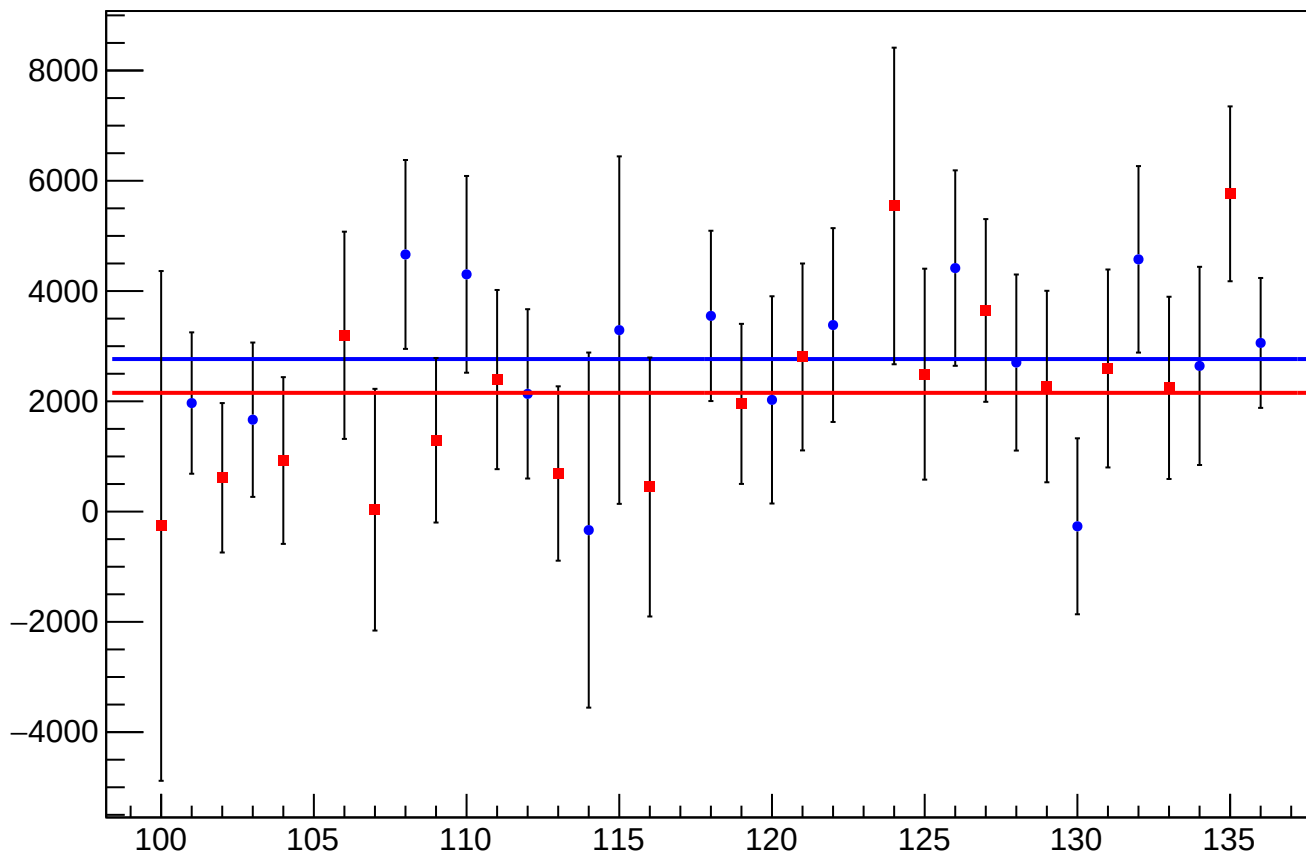
Right: 1694.459+/-0.322 χ^2/NDF : 1153391.8/33

In: 1641.538+/-0.444 χ^2/NDF : 701311.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.459+/-0.322 χ^2/NDF : 1153391.8/33

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: 2153.597 $\pm$ 411.135 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

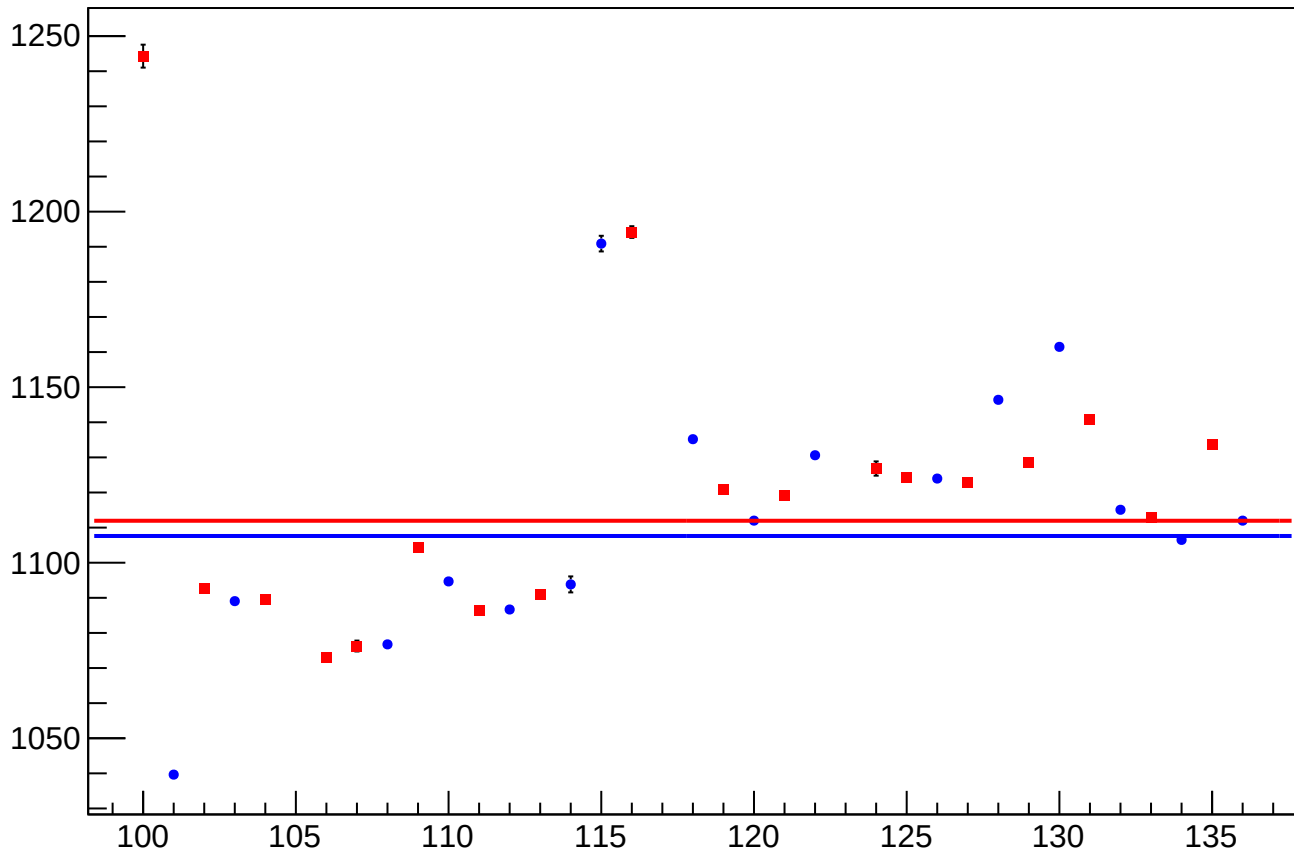
Right: 2459.808 $\pm$ 290.868 χ^2 /NDF: 24.3/33

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: 2459.808 $\pm$ 290.868 χ^2 /NDF: 24.3/33

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: 1111.951+/-0.291 χ^2/NDF : 8650.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

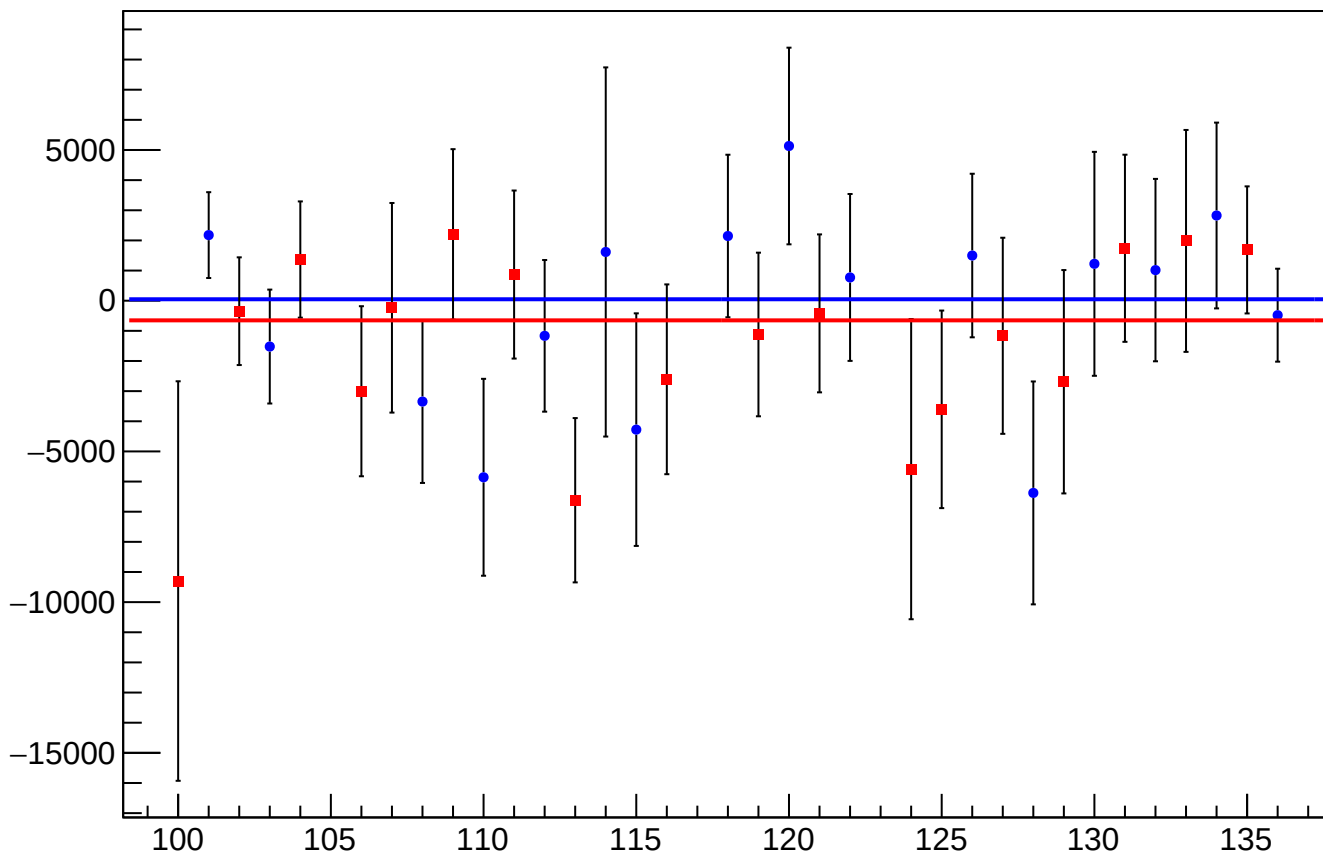
Right: 1109.784+/-0.206 χ^2/NDF : 21982.7/33

In: 1107.613+/-0.291 χ^2/NDF : 13220.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.784+/-0.206 χ^2/NDF : 21982.7/33

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: -652.033+/-661.176 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

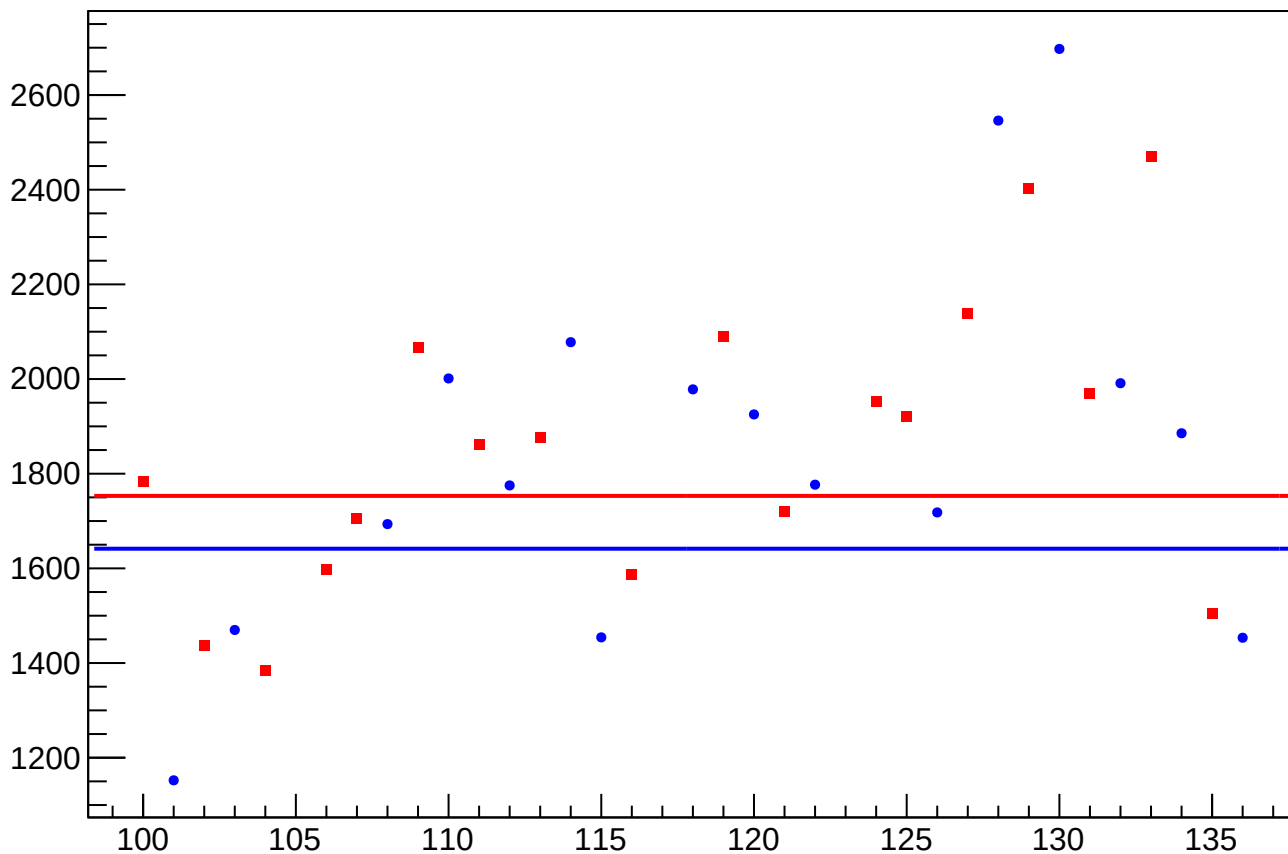
Right: -284.145+/-455.363 χ^2/NDF : 32.0/33

In: 47.813+/-628.059 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.145+/-455.363 χ^2/NDF : 32.0/33

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: 1753.107+/-0.468 χ^2/NDF : 422131.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

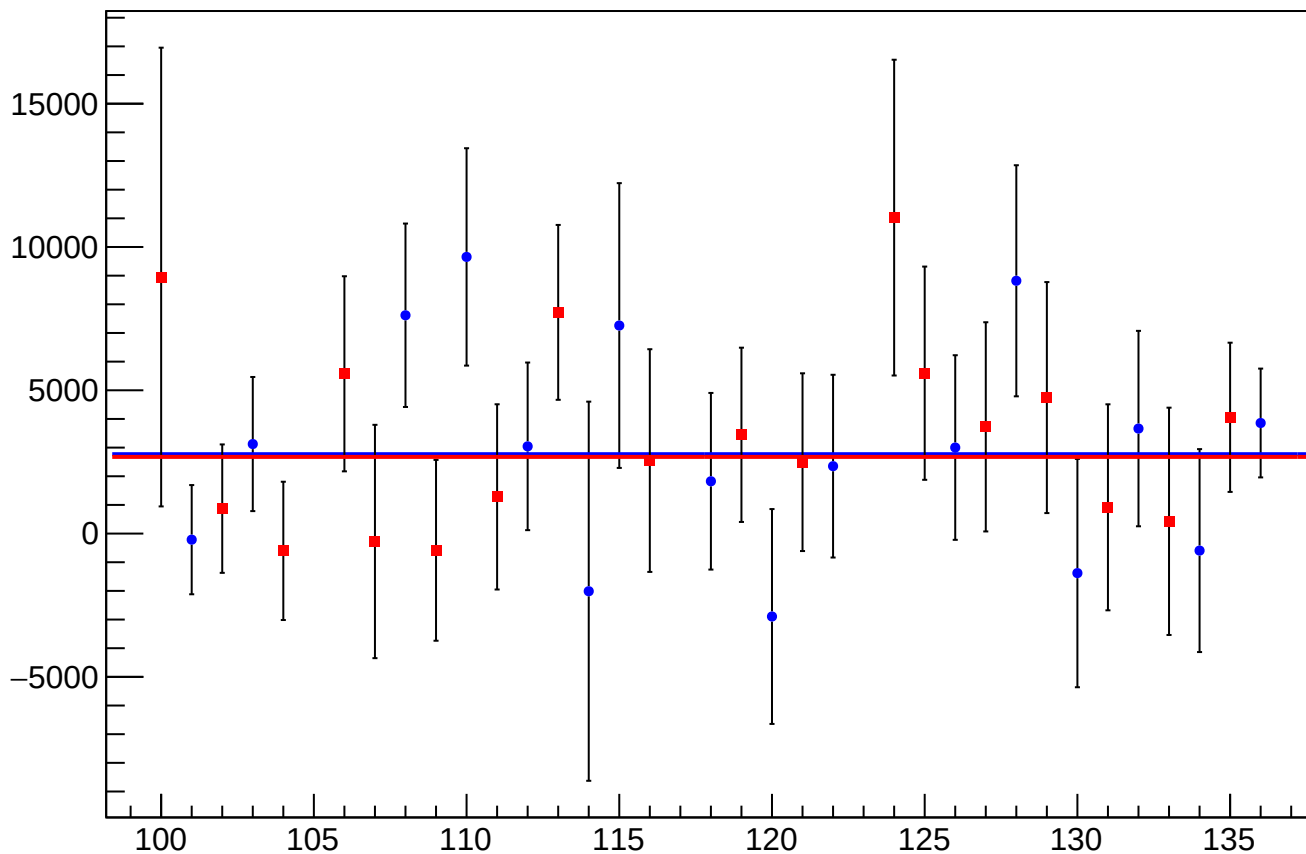
Right: 1694.458+/-0.322 χ^2/NDF : 1153367.9/33

In: 1641.536+/-0.444 χ^2/NDF : 701299.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.458+/-0.322 χ^2/NDF : 1153367.9/33

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: 2675.856 $\pm$ 779.528 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

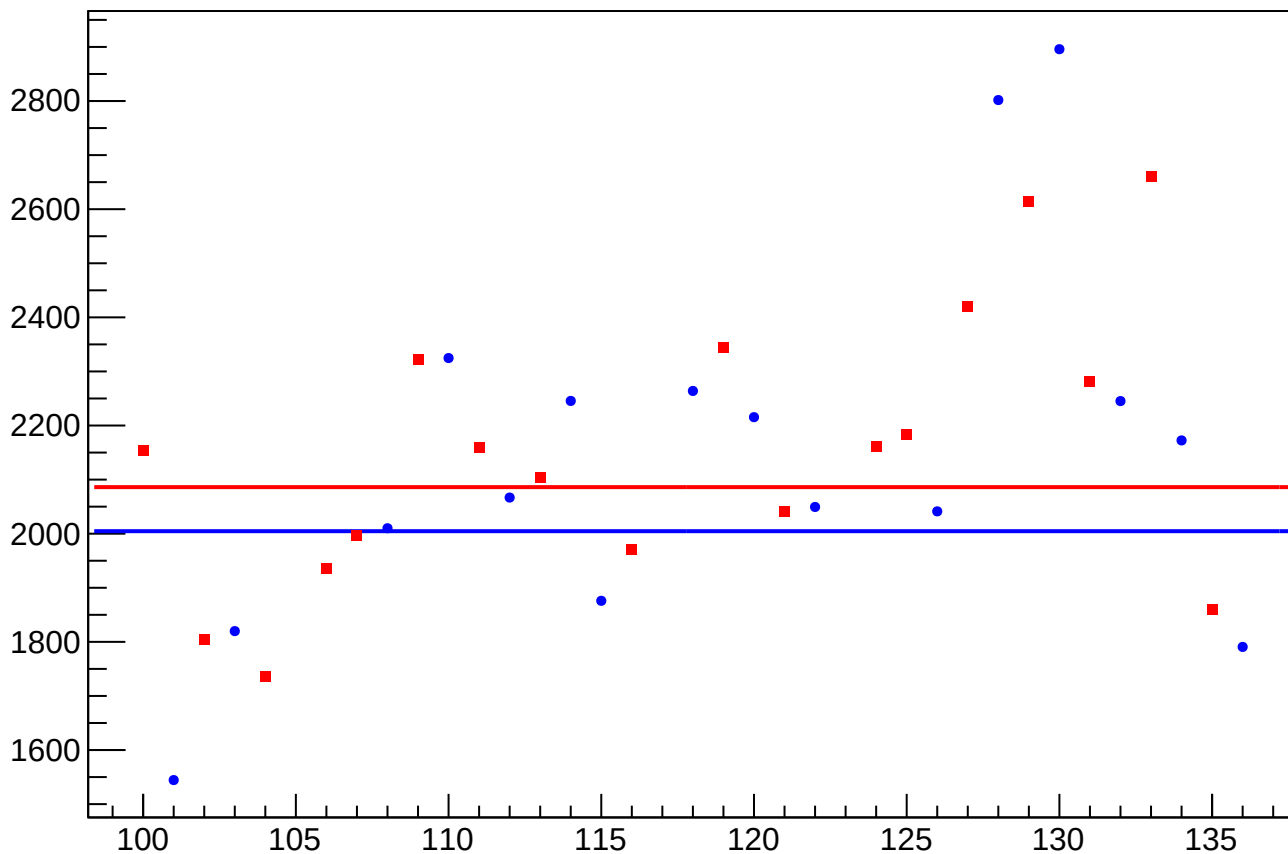
Right: 2724.277 $\pm$ 543.110 χ^2 /NDF: 29.0/33

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: 2724.277 $\pm$ 543.110 χ^2 /NDF: 29.0/33

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: 2086.103+/-0.551 χ^2/NDF : 223527.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

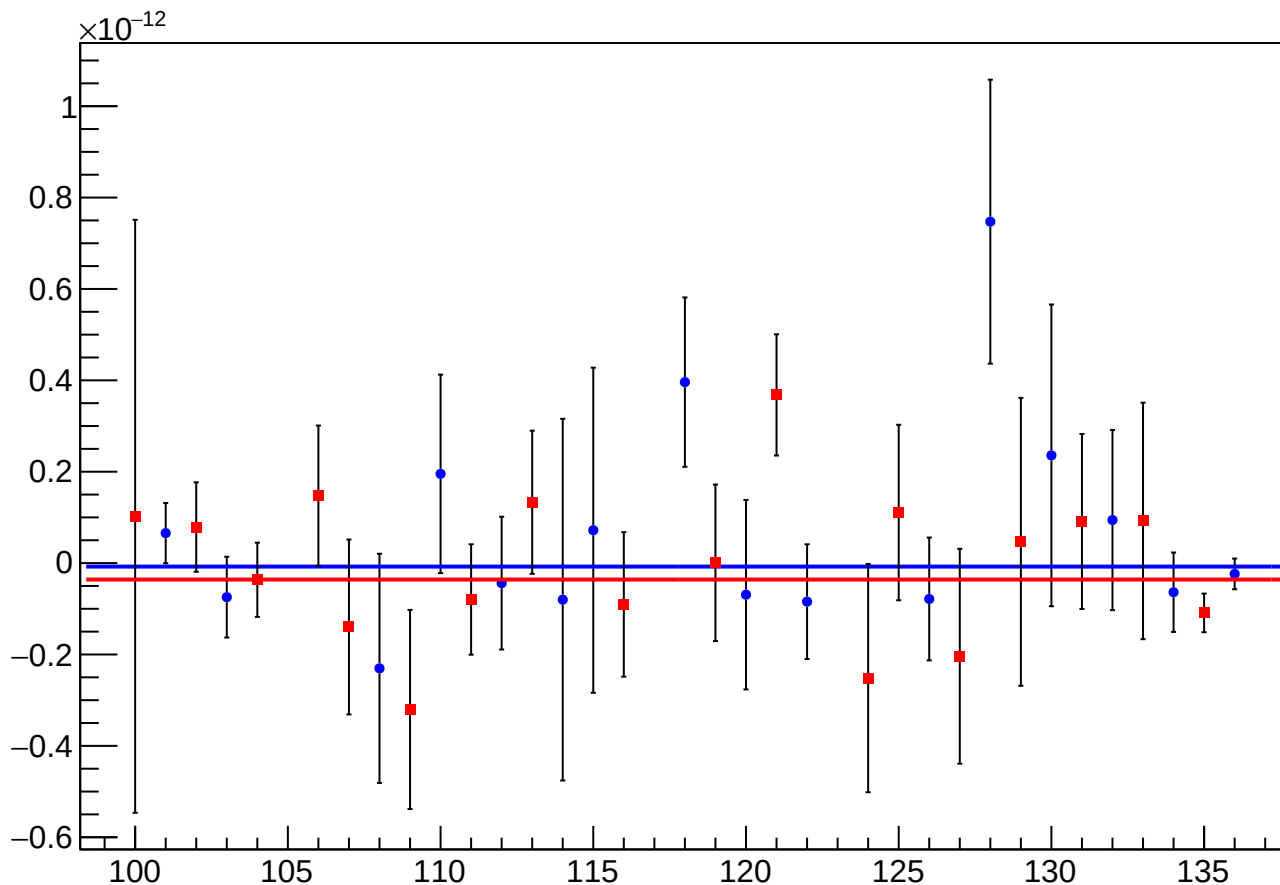
Right: 2044.181+/-0.384 χ^2/NDF : 622335.8/33

In: 2004.635+/-0.535 χ^2/NDF : 387567.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2044.181+/-0.384 χ^2/NDF : 622335.8/33

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 : 21.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

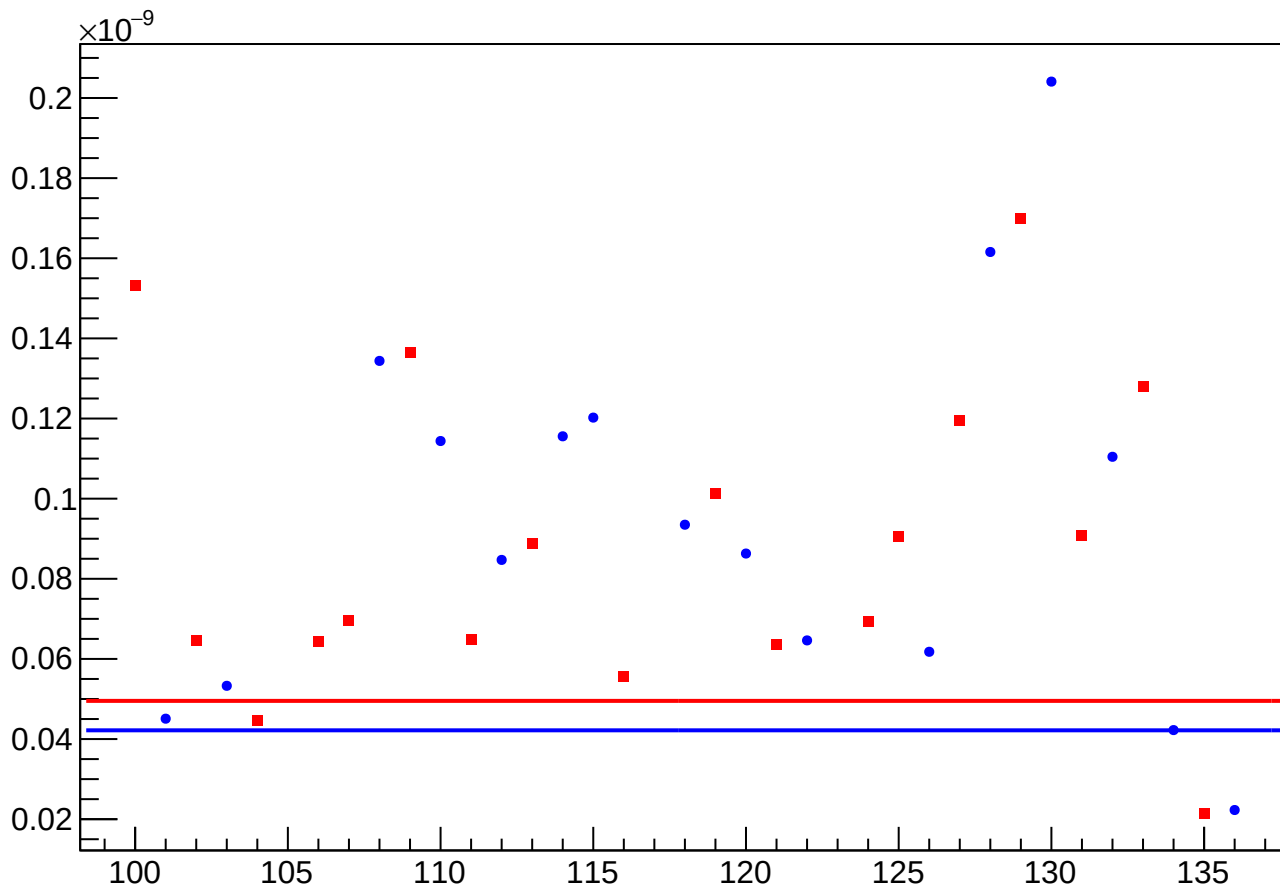
Right: -0.000+/-0.000 χ^2/NDF : 38.2/33

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 : 38.2/33

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 : 2566140.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

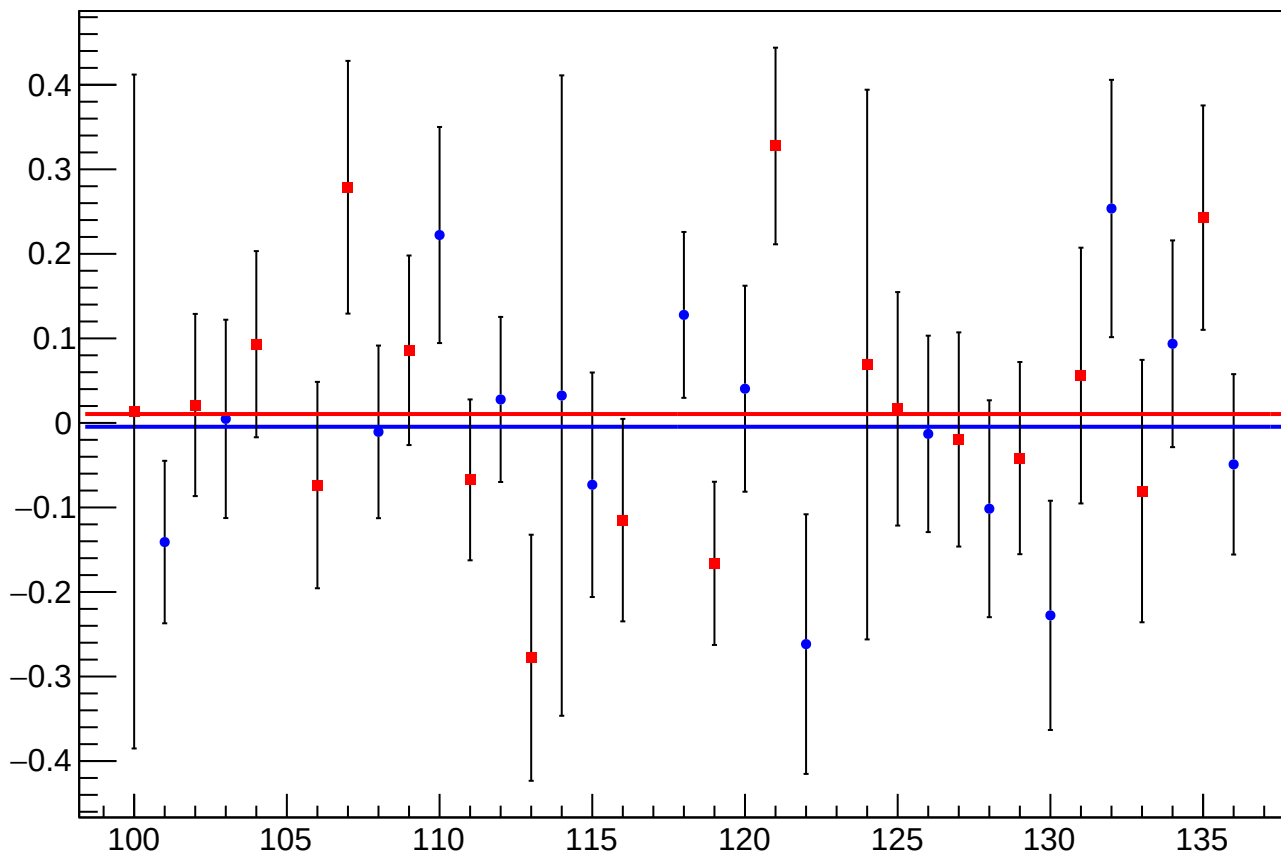
Right: 0.000+/-0.000 χ^2/NDF : 5577806.5/33

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 : 5577806.5/33

asym_usr_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: 0.011+/-0.030 χ^2/NDF : 25.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

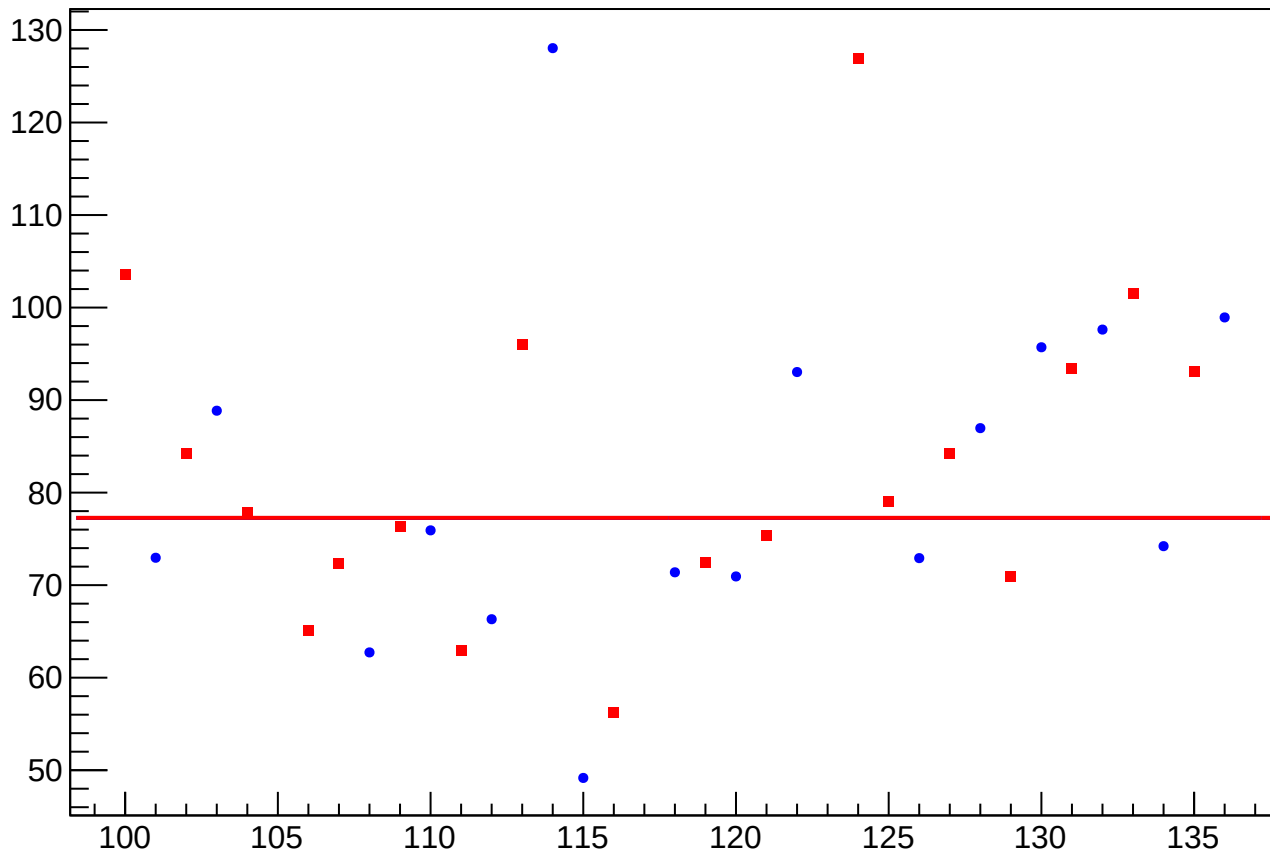
Right: 0.003+/-0.021 χ^2/NDF : 42.4/33

In: -0.005+/-0.030 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.021 χ^2/NDF : 42.4/33

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: 77.273+/-0.021 χ^2/NDF : 344629.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

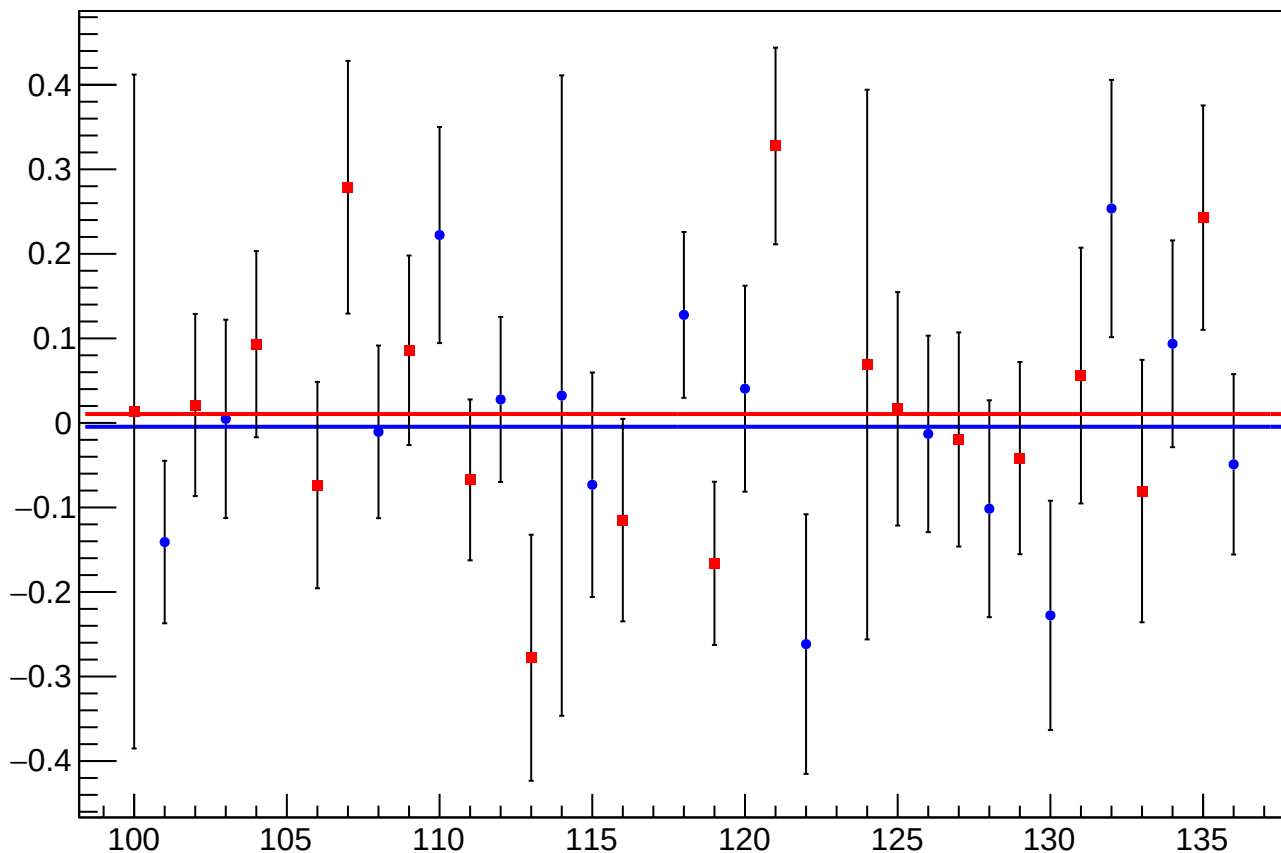
Right: 77.266+/-0.015 χ^2/NDF : 763919.9/33

In: 77.259+/-0.021 χ^2/NDF : 419290.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.266+/-0.015 χ^2/NDF : 763919.9/33

asym_usr_dit_vs_eigen_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: 0.011 ± 0.030 $\chi^2/\text{NDF}: 25.0/17$

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

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

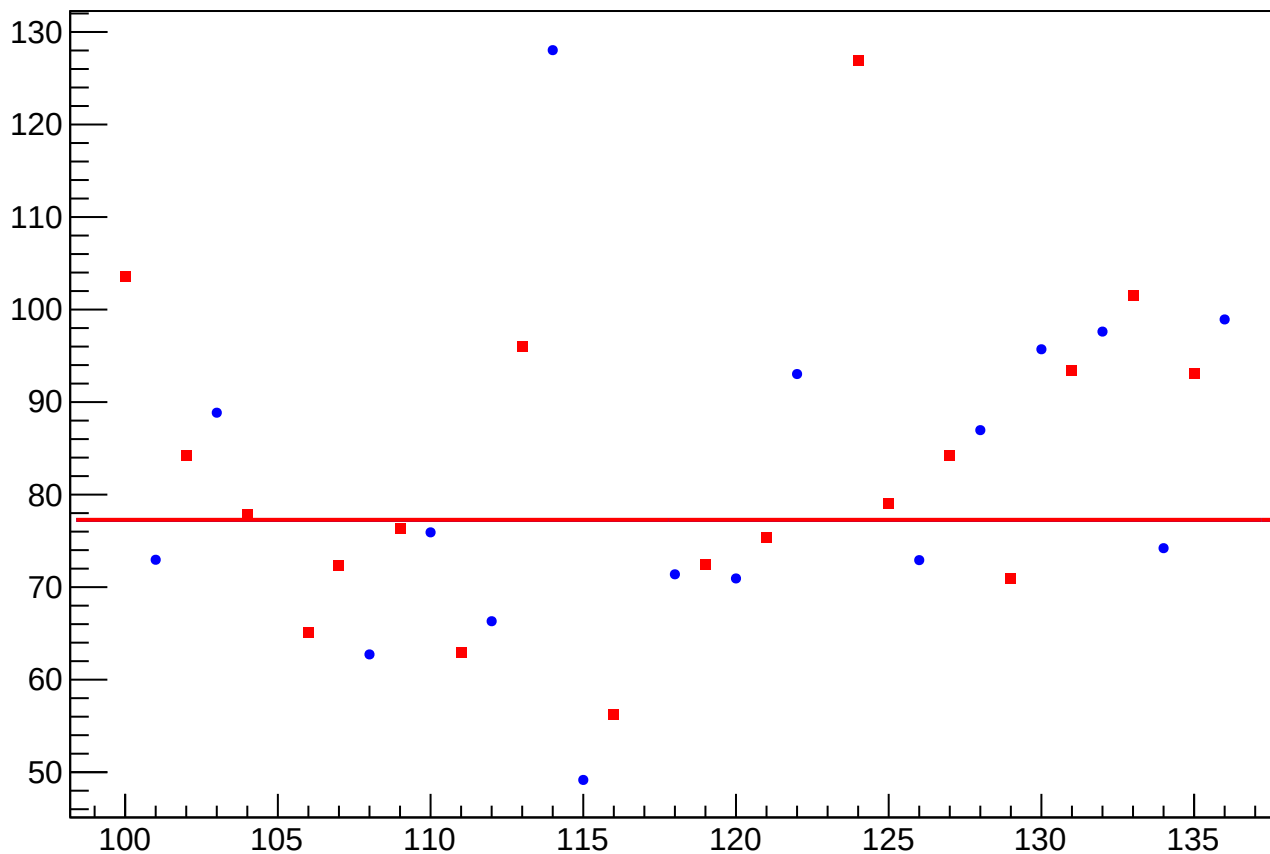
Right: 0.003 ± 0.021 $\chi^2/\text{NDF}: 42.4/33$

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: 0.003 ± 0.021 $\chi^2/\text{NDF}: 42.4/33$

asym_usr_dit_vs_eigen_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: 77.273+/-0.021 χ^2/NDF : 344629.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

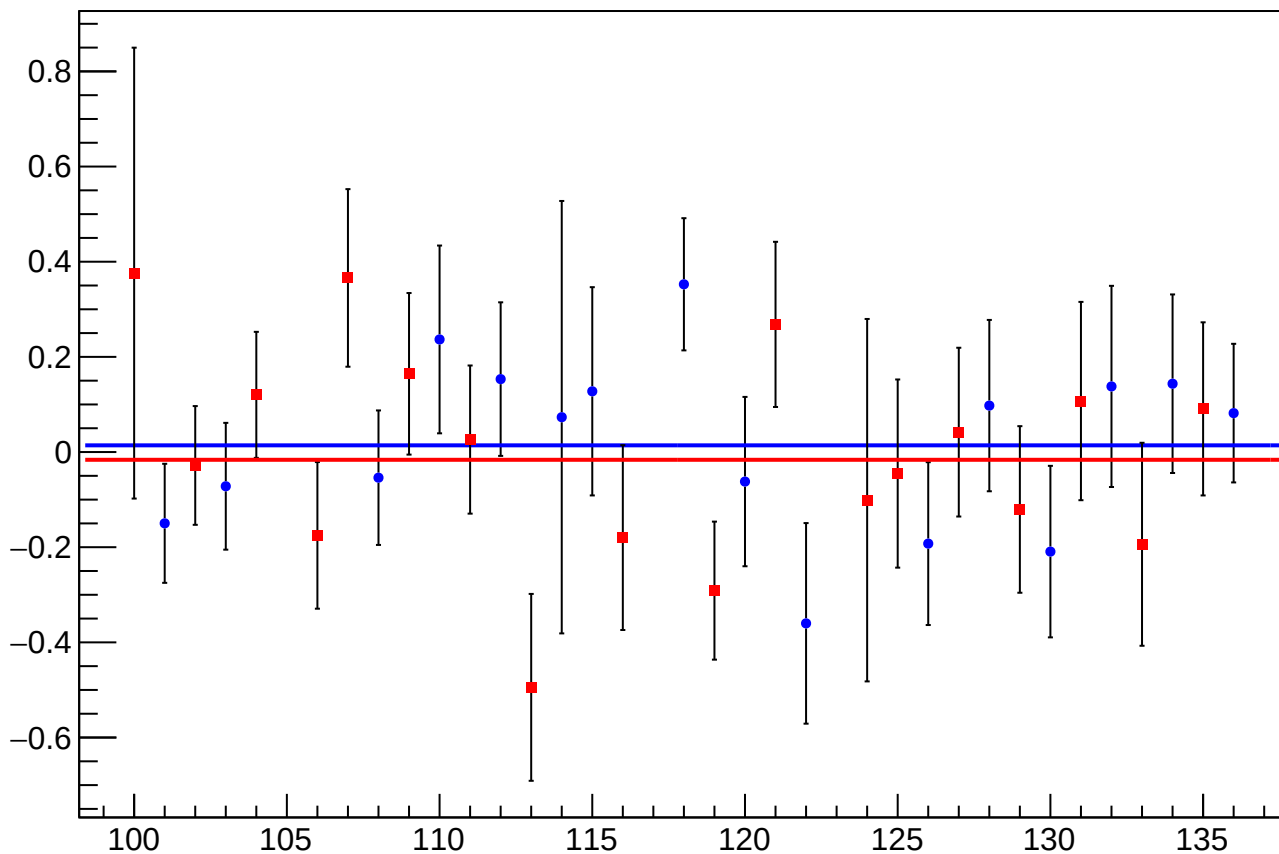
Right: 77.266+/-0.015 χ^2/NDF : 763919.9/33

In: 77.259+/-0.021 χ^2/NDF : 419290.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.266+/-0.015 χ^2/NDF : 763919.9/33

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: -0.016+/-0.042 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

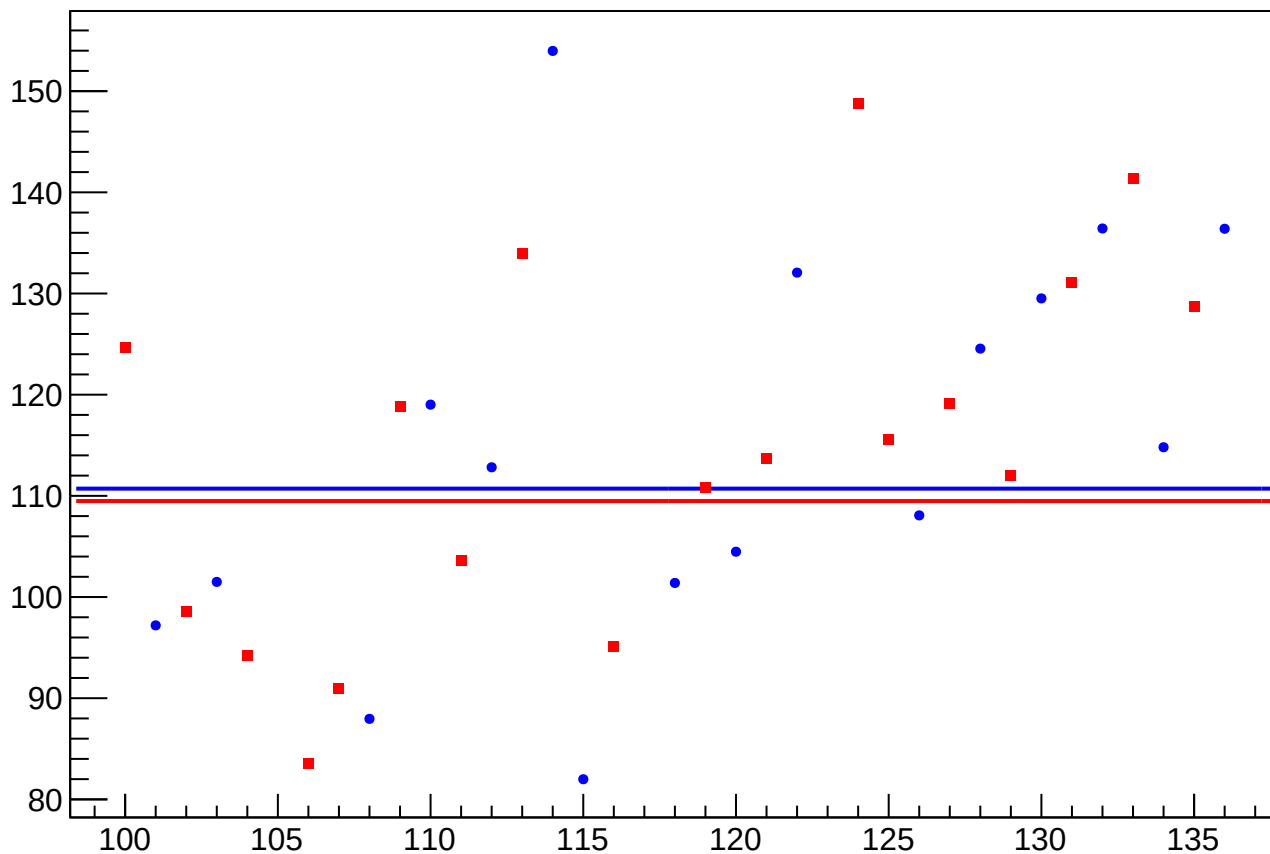
Right: -0.001+/-0.030 χ^2/NDF : 41.5/33

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 : 41.5/33

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: 109.489+/-0.029 χ^2/NDF : 291229.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

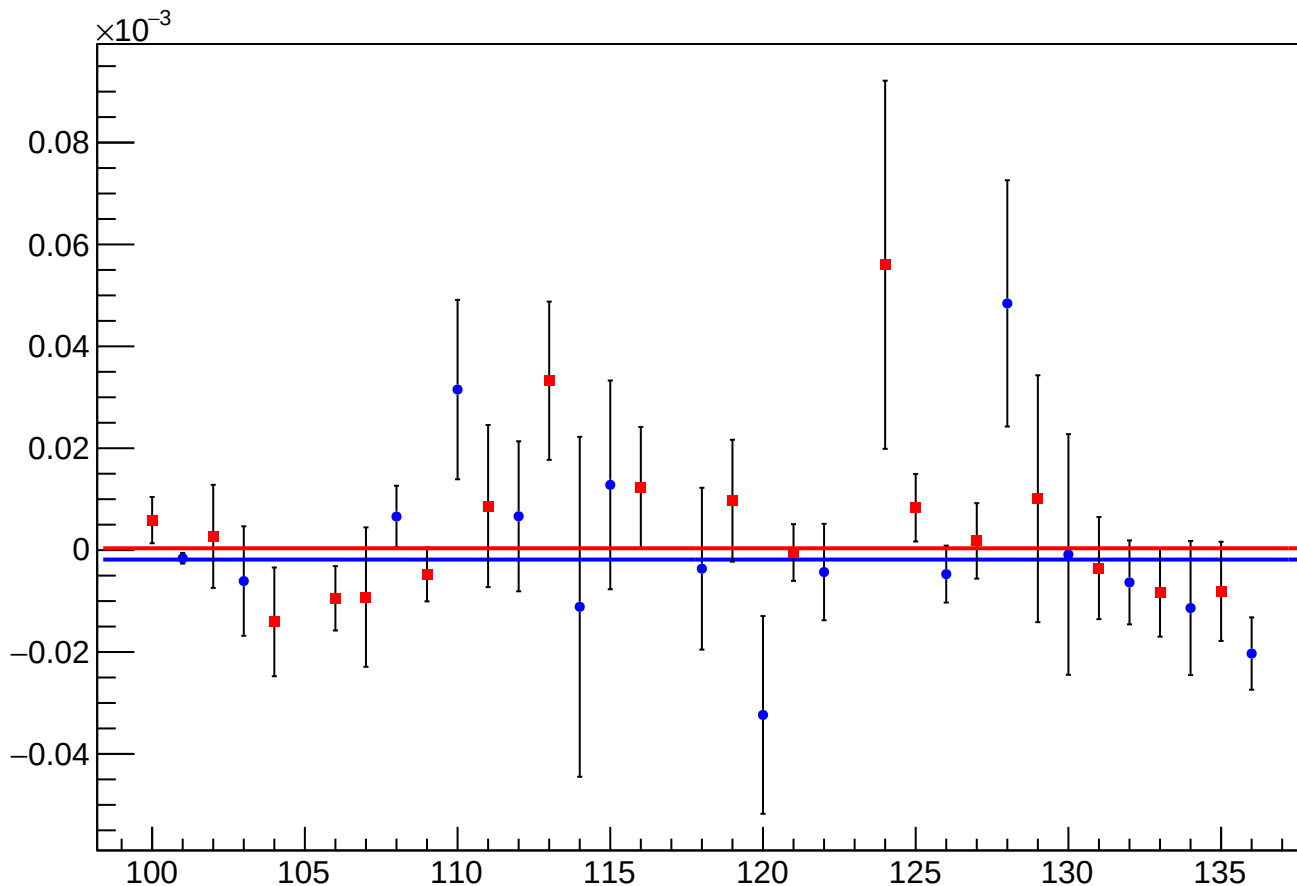
Right: 110.092+/-0.021 χ^2/NDF : 592056.0/33

In: 110.714+/-0.030 χ^2/NDF : 299972.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.092+/-0.021 χ^2/NDF : 592056.0/33

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 : 19.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

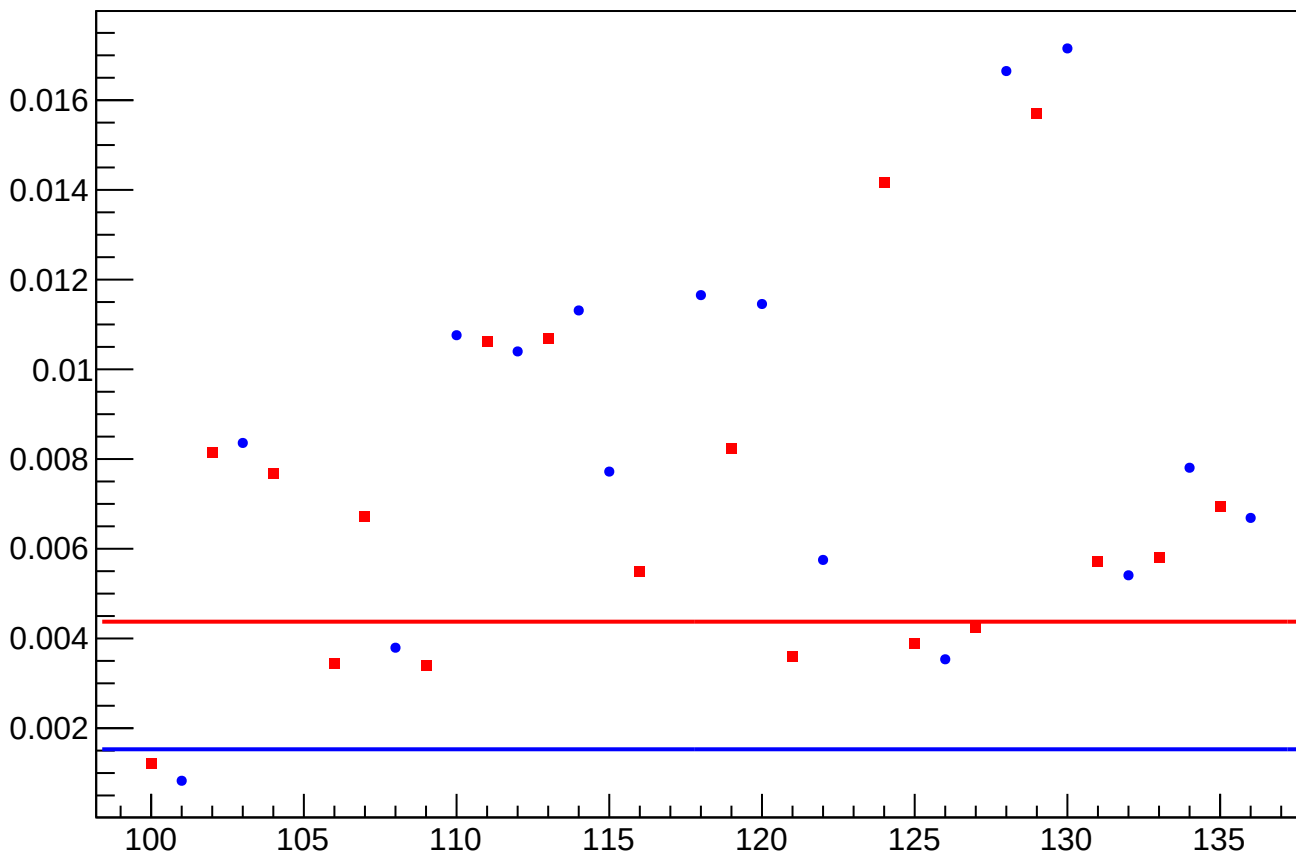
Right: -0.000+/-0.000 χ^2/NDF : 41.9/33

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 : 41.9/33

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 : 3338871.0/17

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 : 15992294.7/33

In: 0.002+/-0.000

χ^2/NDF : 9222940.9/15

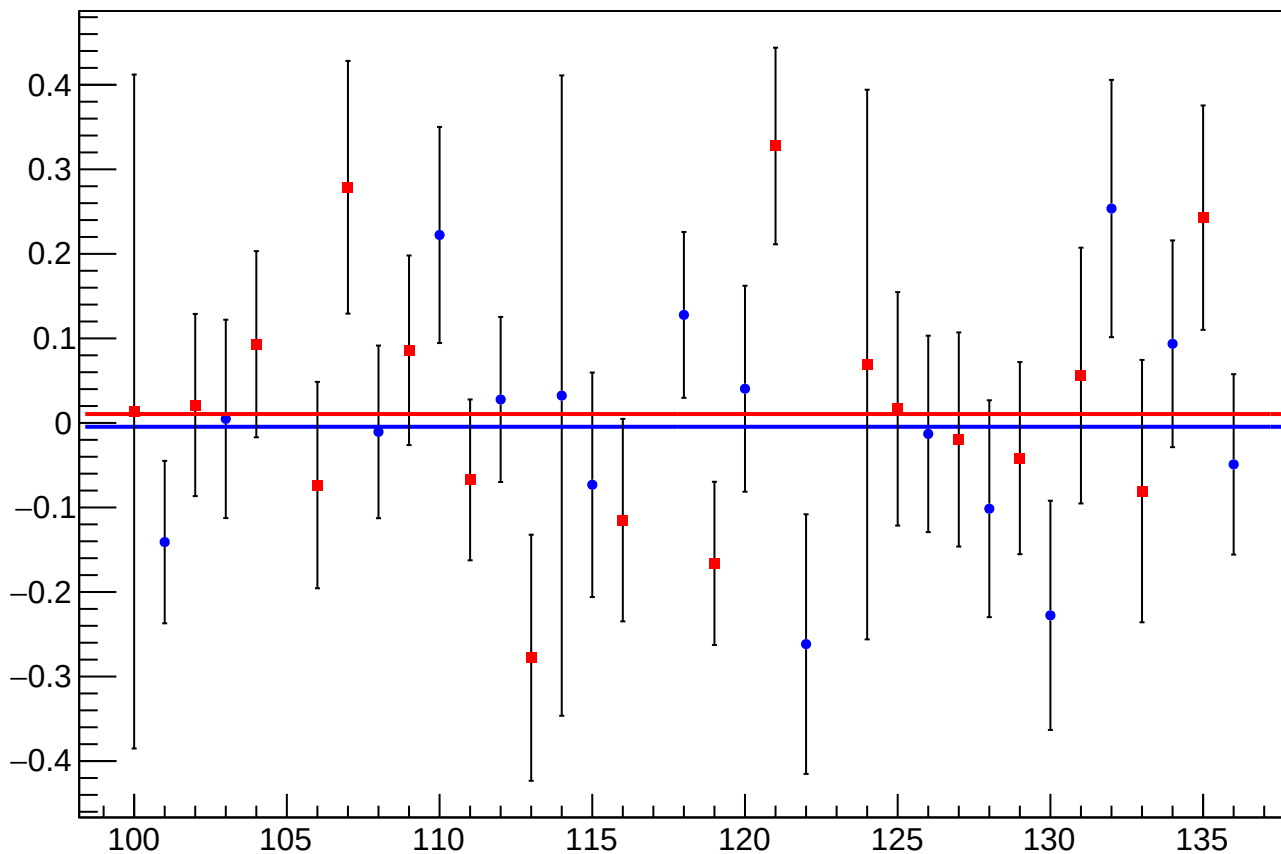
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 15992294.7/33

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: 0.011 ± 0.030 χ^2/NDF : 25.0/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

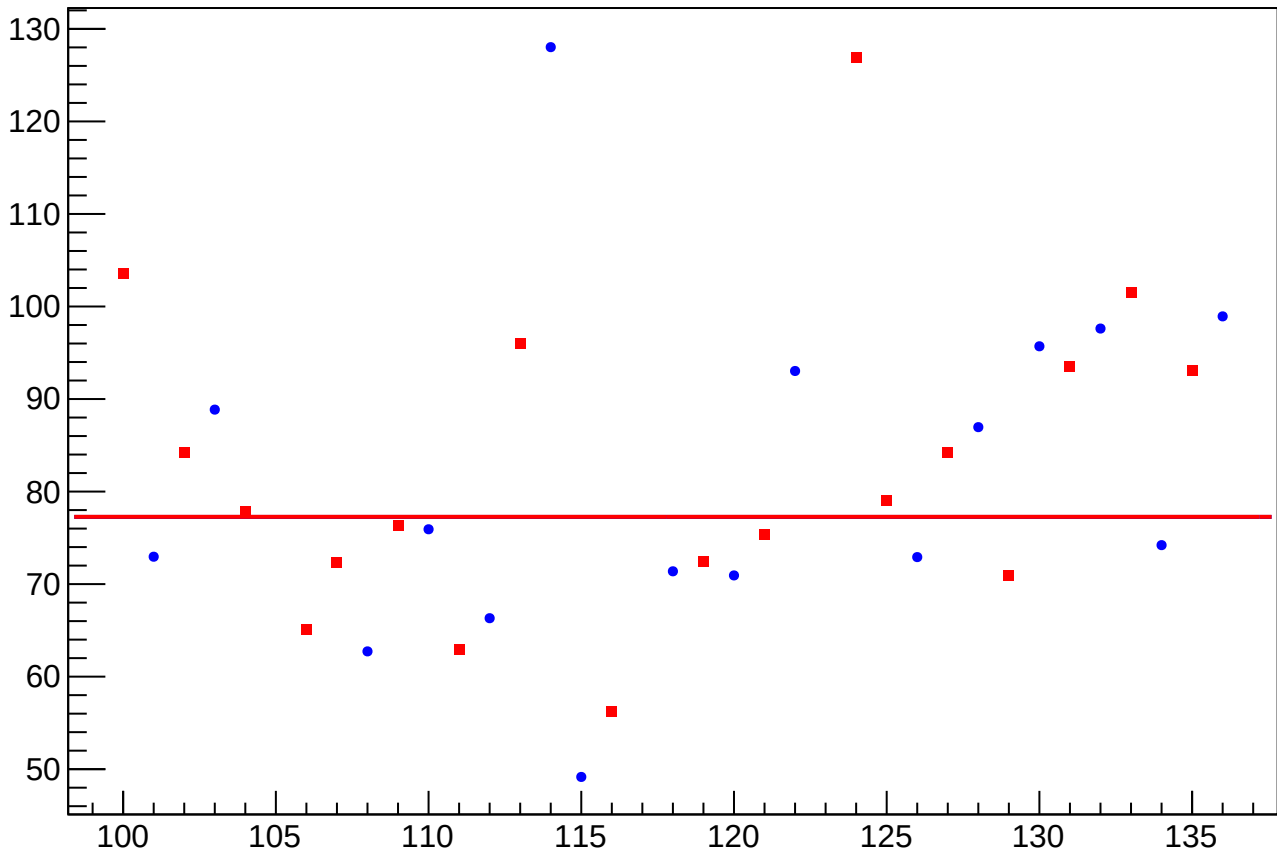
Right: 0.003 ± 0.021 χ^2/NDF : 42.4/33

In: -0.005 ± 0.030 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.021 χ^2/NDF : 42.4/33

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: 77.271+/-0.021 χ^2/NDF : 344625.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

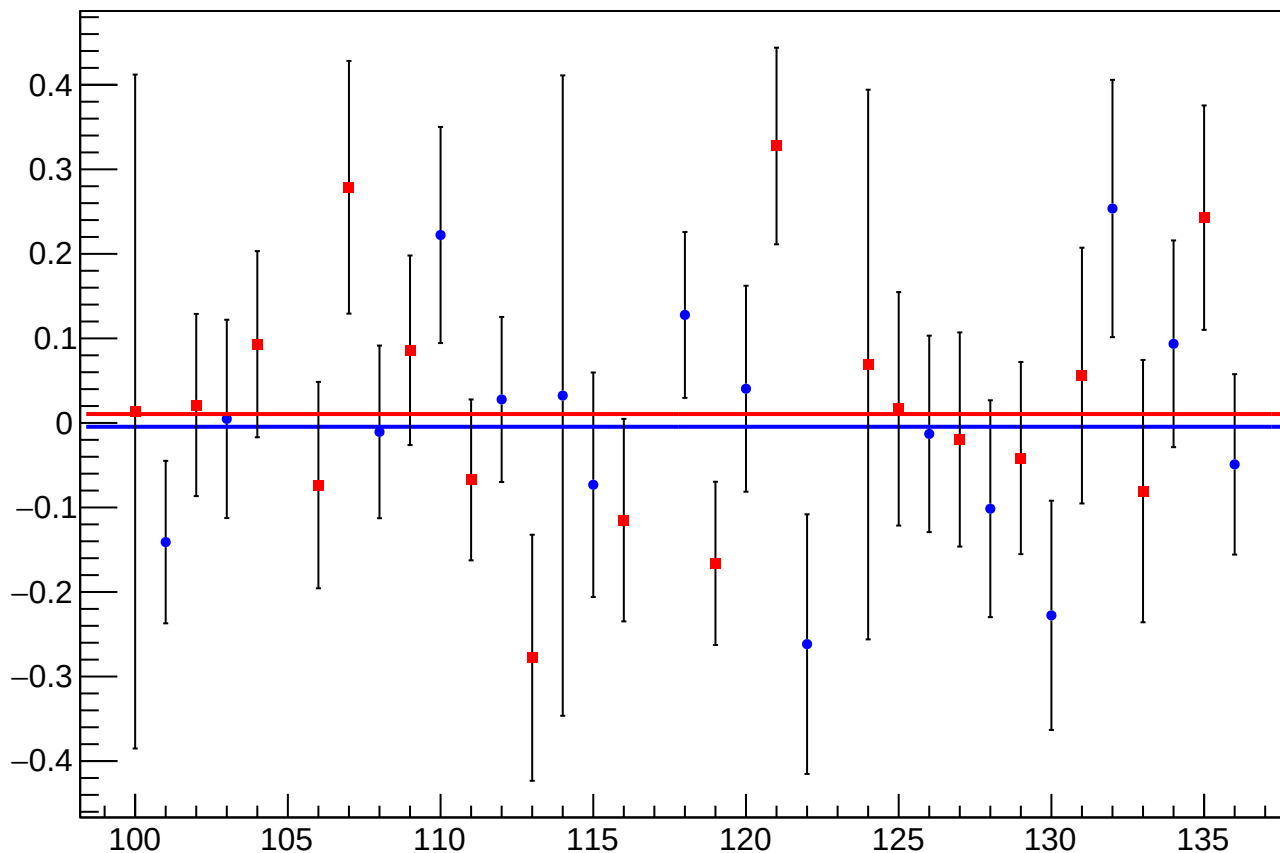
Right: 77.264+/-0.015 χ^2/NDF : 763902.7/33

In: 77.257+/-0.021 χ^2/NDF :419276.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 77.264+/-0.015 χ^2/NDF : 763902.7/33

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: 0.011+/-0.030 χ^2/NDF : 25.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

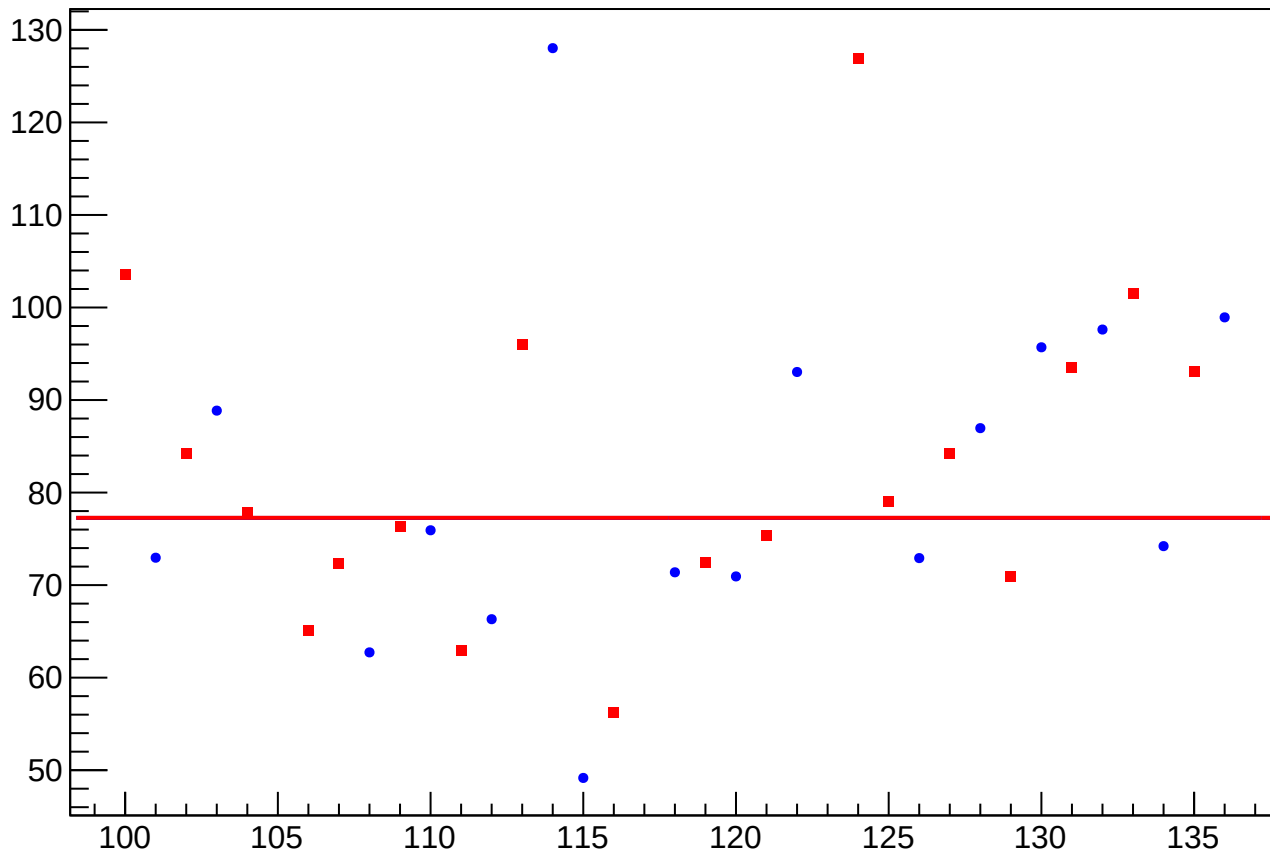
Right: 0.003+/-0.021 χ^2/NDF : 42.4/33

In: -0.005+/-0.030 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.021 χ^2/NDF : 42.4/33

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: 77.271+/-0.021 χ^2/NDF : 344625.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

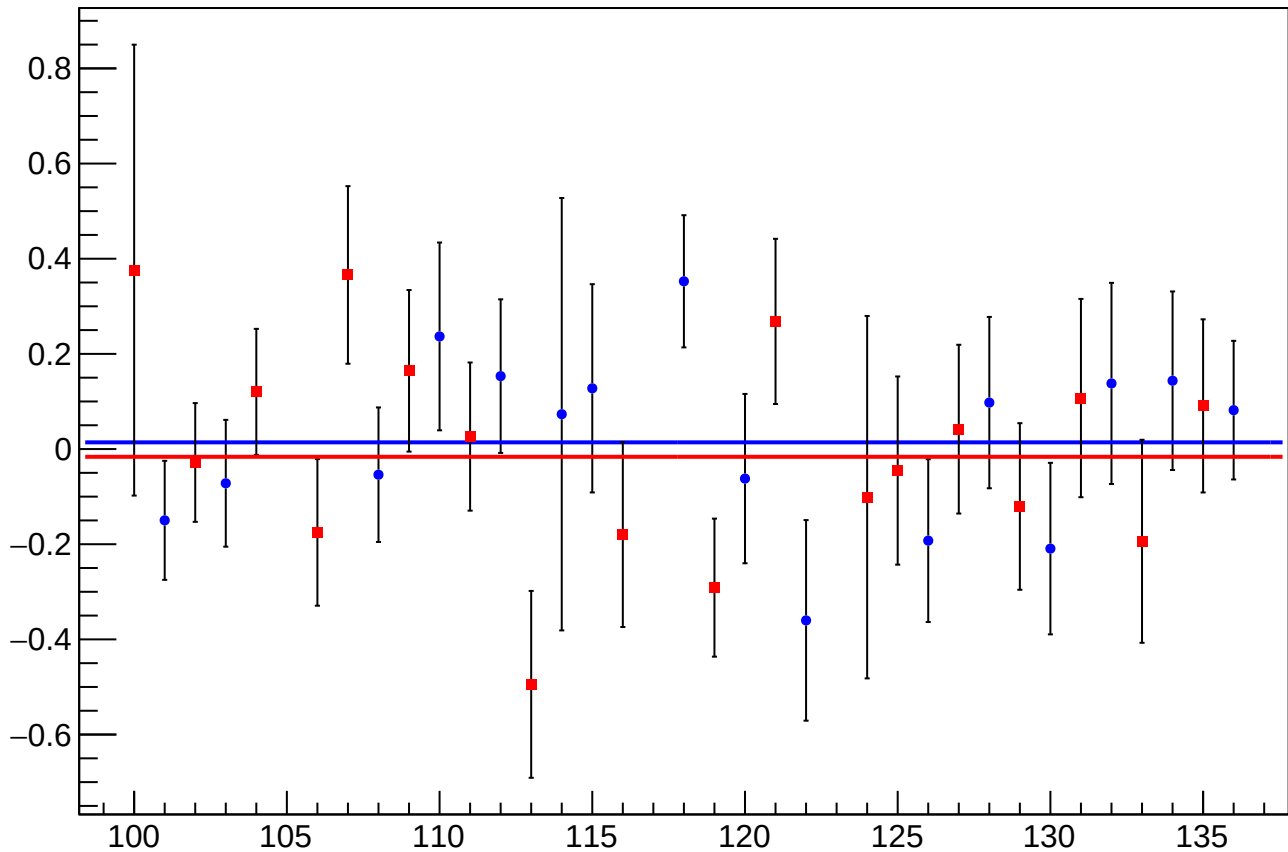
Right: 77.264+/-0.015 χ^2/NDF : 763902.7/33

In: 77.257+/-0.021 χ^2/NDF : 419276.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.264+/-0.015 χ^2/NDF : 763902.7/33

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.042 χ^2 /NDF: 18.2/15

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

Right Out: -0.016 $\pm$ 0.042 χ^2 /NDF: 23.1/17

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

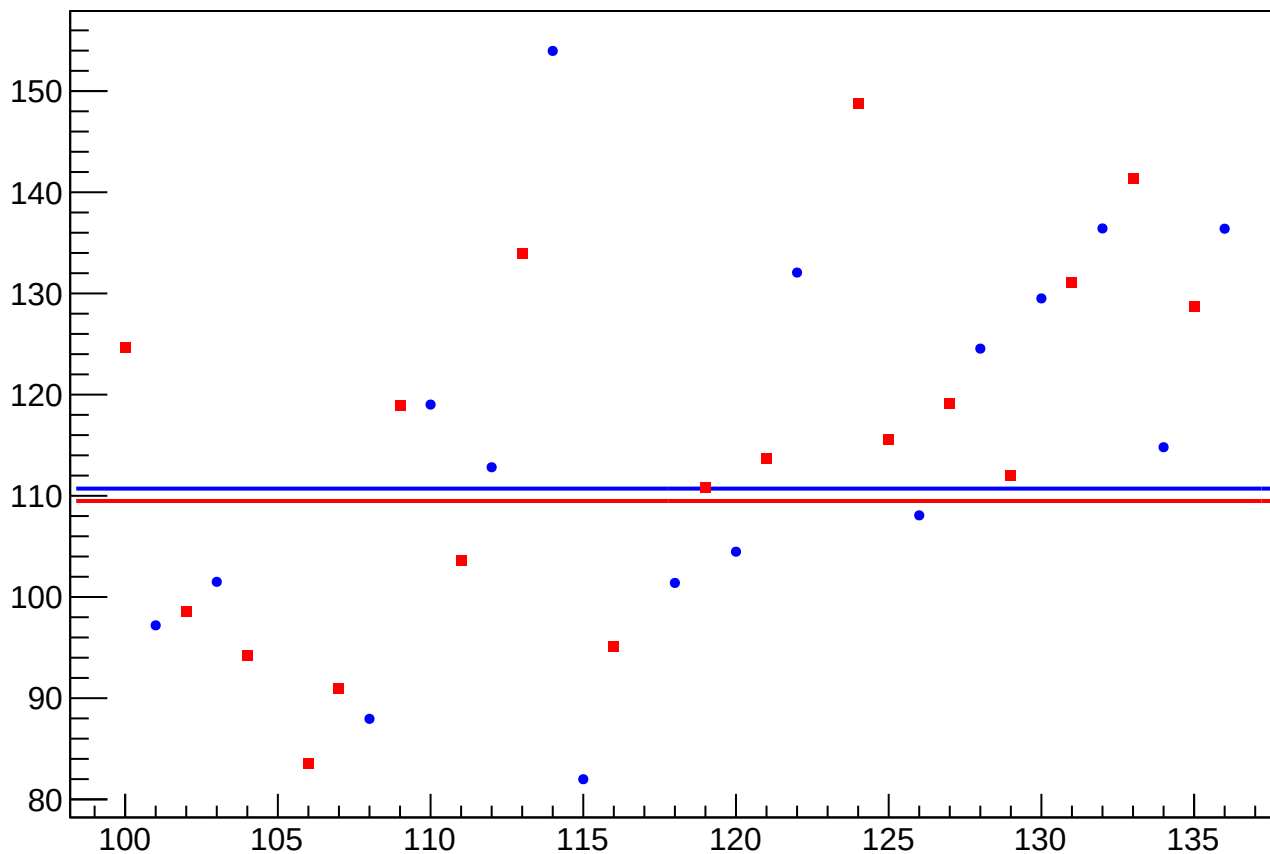
Right: -0.001 $\pm$ 0.030 χ^2 /NDF: 41.5/33

In: 0.014 $\pm$ 0.042 χ^2 /NDF:18.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.001 $\pm$ 0.030 χ^2 /NDF: 41.5/33

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: 109.489+/-0.029 χ^2/NDF : 291200.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

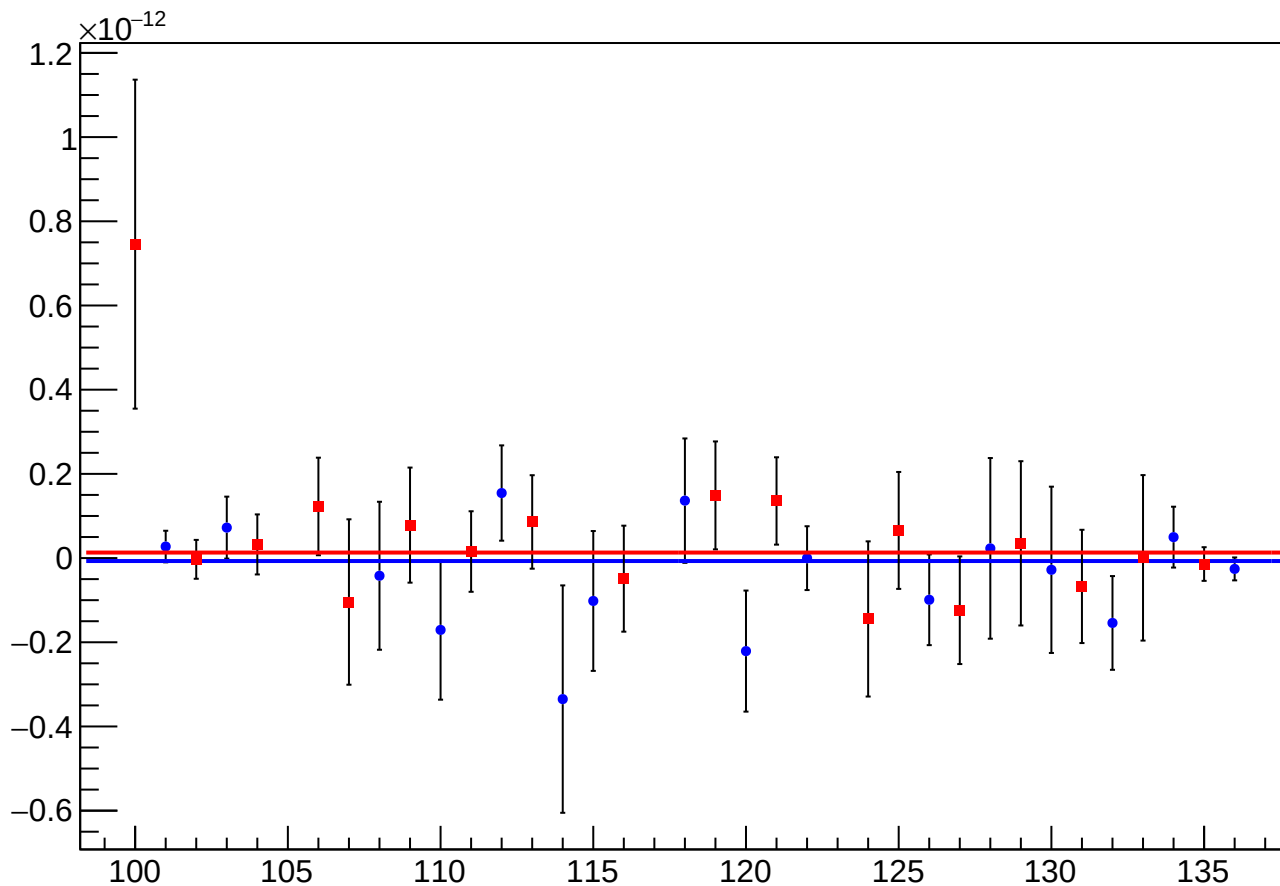
Right: 110.091+/-0.021 χ^2/NDF : 592002.1/33

In: 110.714+/-0.030 χ^2/NDF :299948.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 110.091+/-0.021 χ^2/NDF : 592002.1/33

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 : 11.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

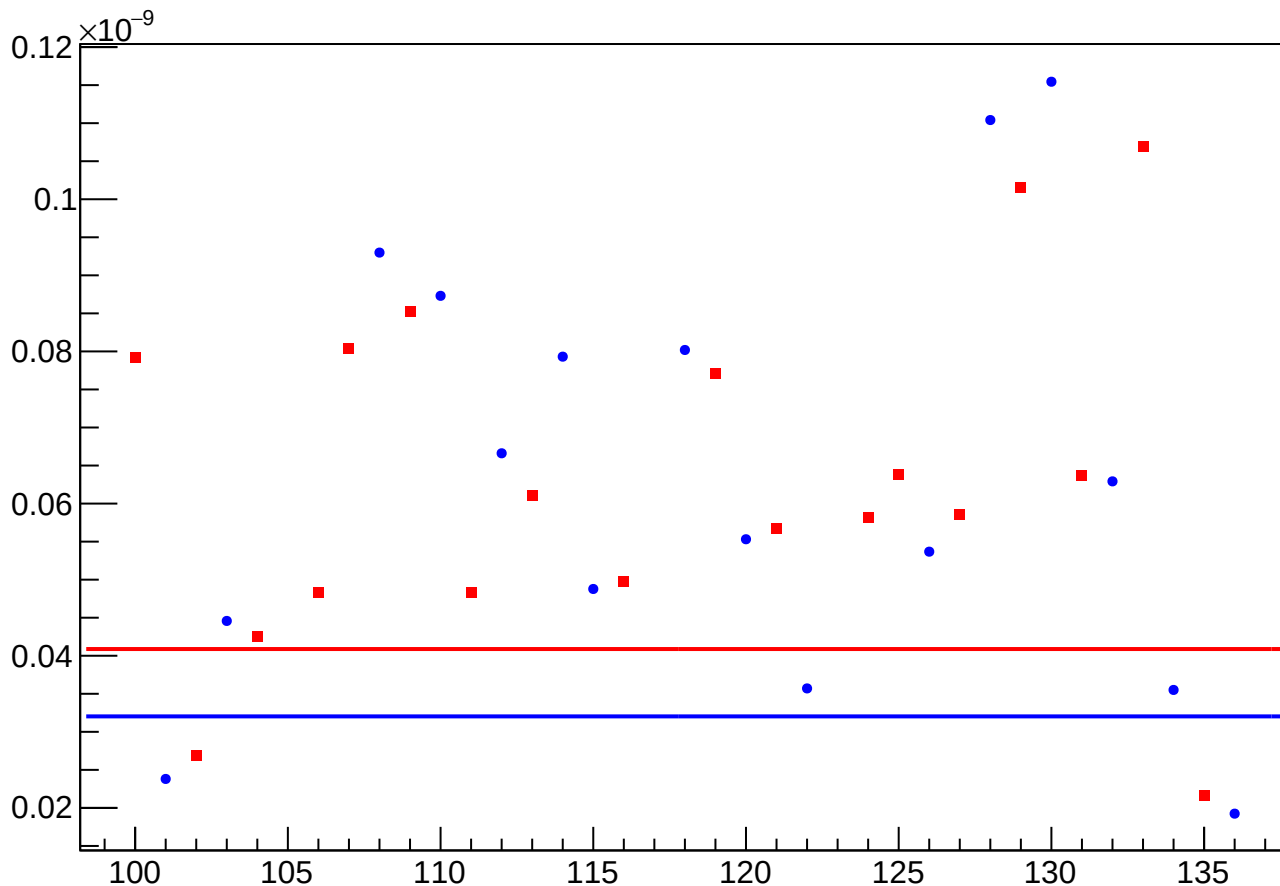
Right: 0.000+/-0.000 χ^2/NDF : 25.4/33

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 : 25.4/33

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 : 1844011.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

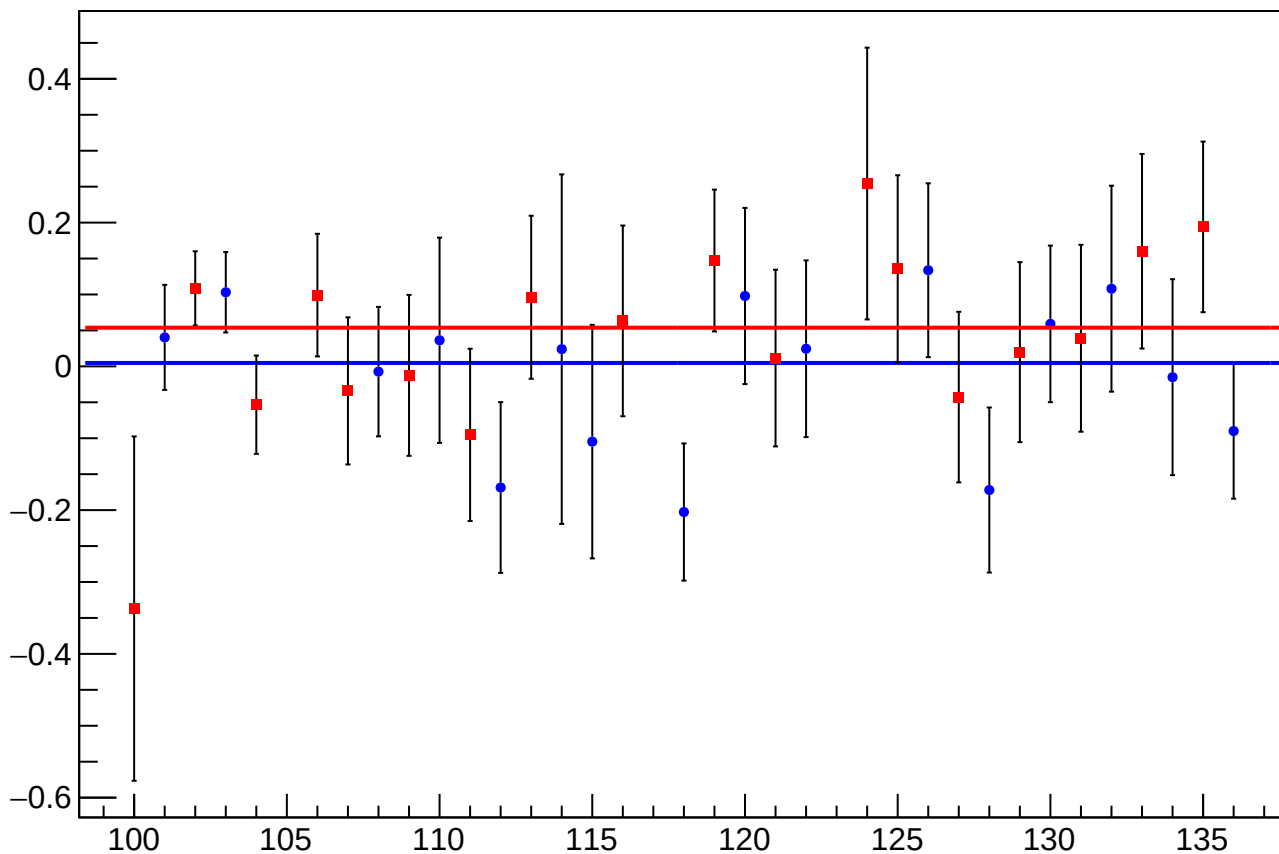
Right: 0.000+/-0.000 χ^2/NDF : 4500427.0/33

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 : 4500427.0/33

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: 0.054 $\pm$ 0.024 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

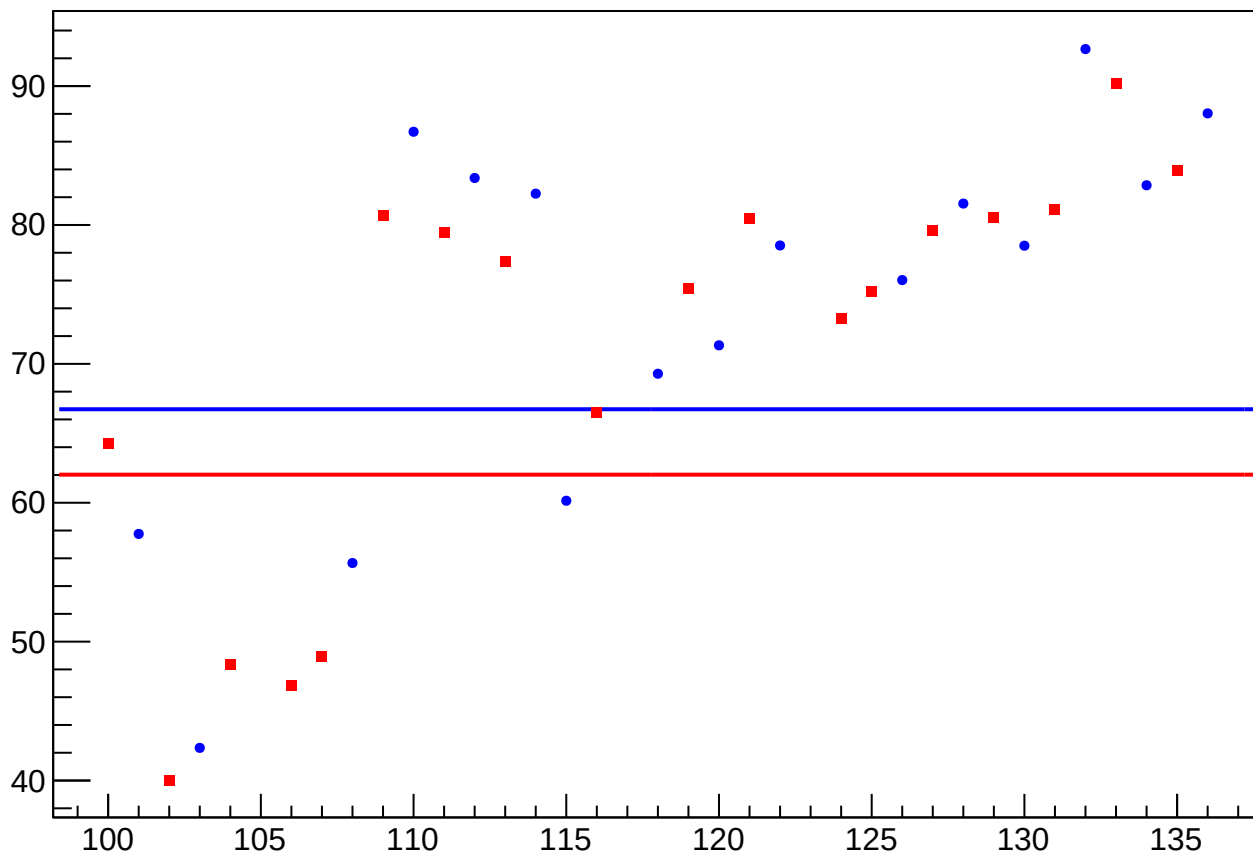
Right: 0.031 $\pm$ 0.018 χ^2 /NDF: 33.1/33

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: 0.031 $\pm$ 0.018 χ^2 /NDF: 33.1/33

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: 62.022+/-0.017 χ^2/NDF : 1073073.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

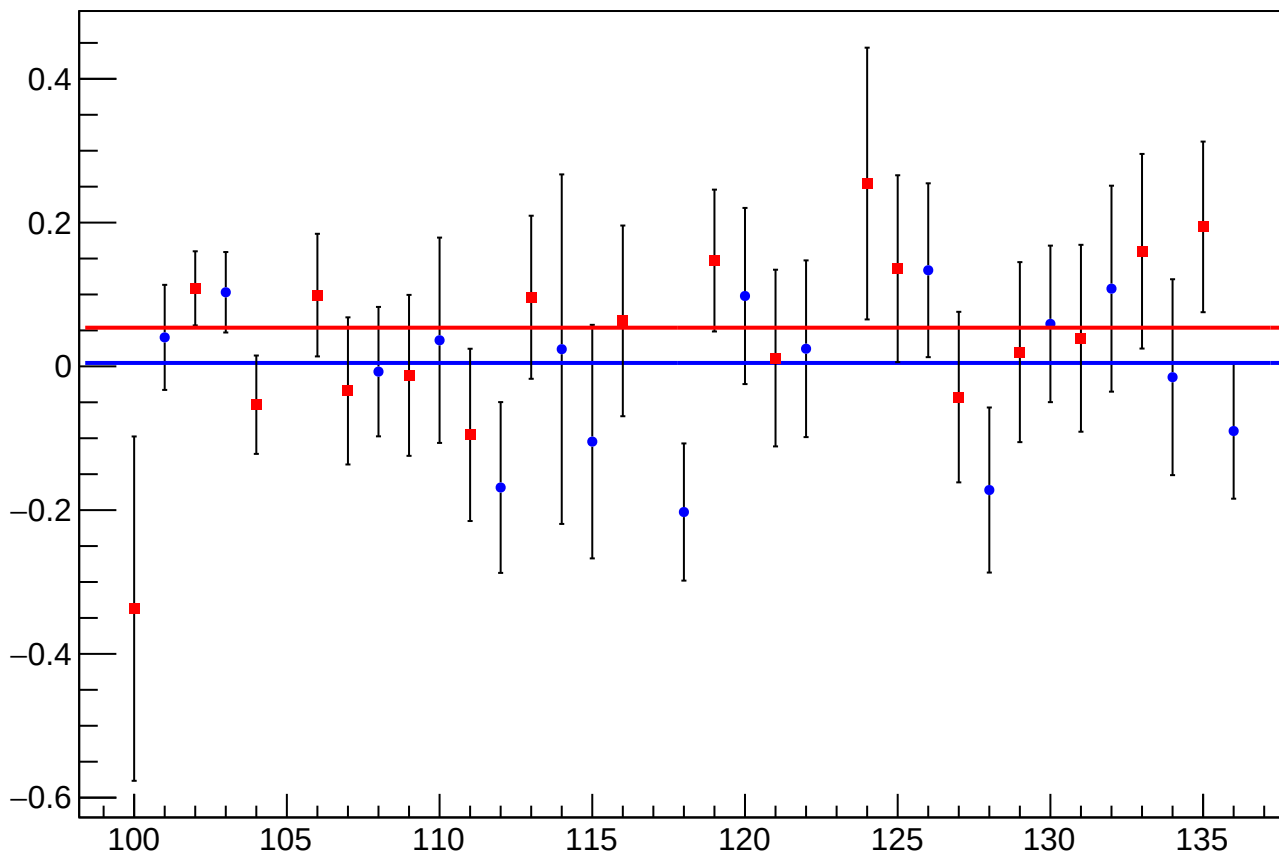
Right: 64.223+/-0.013 χ^2/NDF : 1925075.9/33

In: 66.732+/-0.018 χ^2/NDF :816752.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 64.223+/-0.013 χ^2/NDF : 1925075.9/33

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: 0.054 $\pm$ 0.024 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

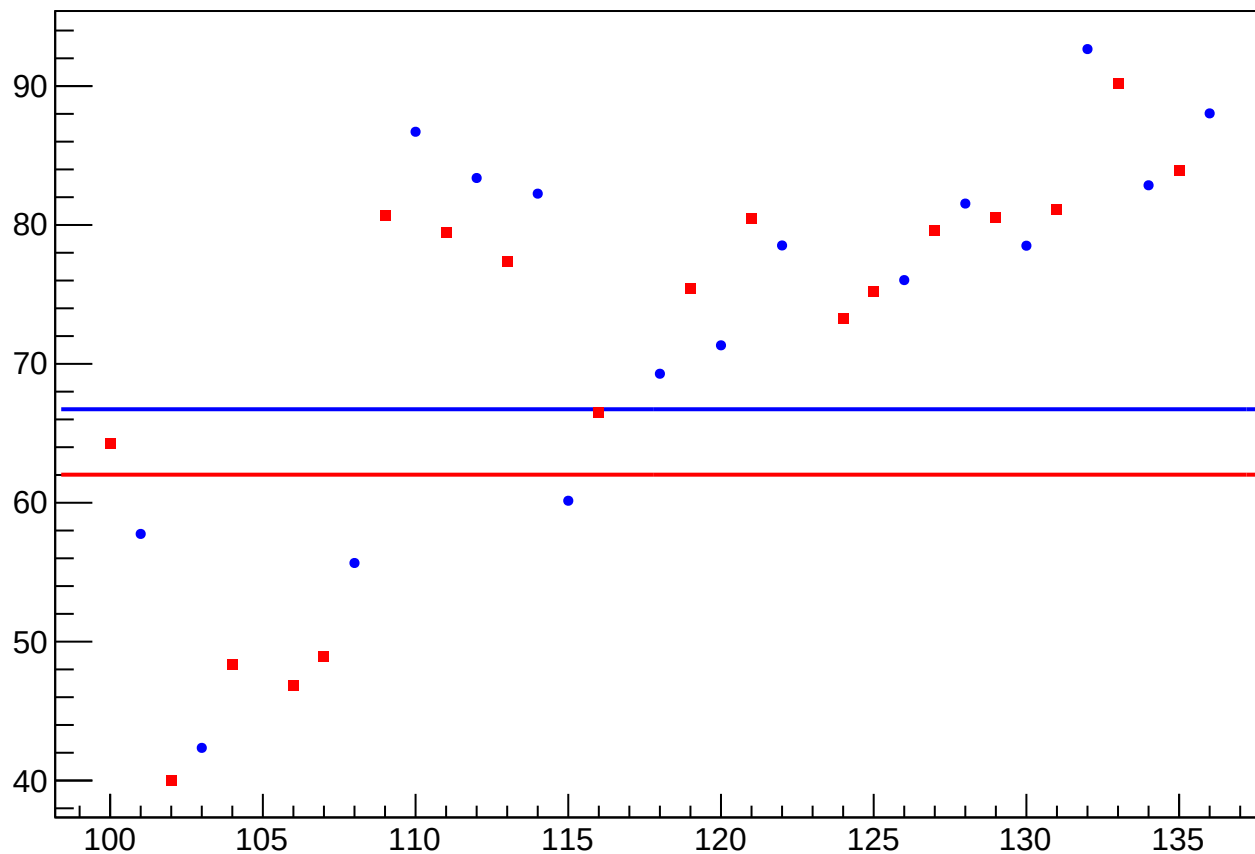
Right: 0.031 $\pm$ 0.018 χ^2 /NDF: 33.1/33

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: 0.031 $\pm$ 0.018 χ^2 /NDF: 33.1/33

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: 62.022+/-0.017 χ^2/NDF : 1073073.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

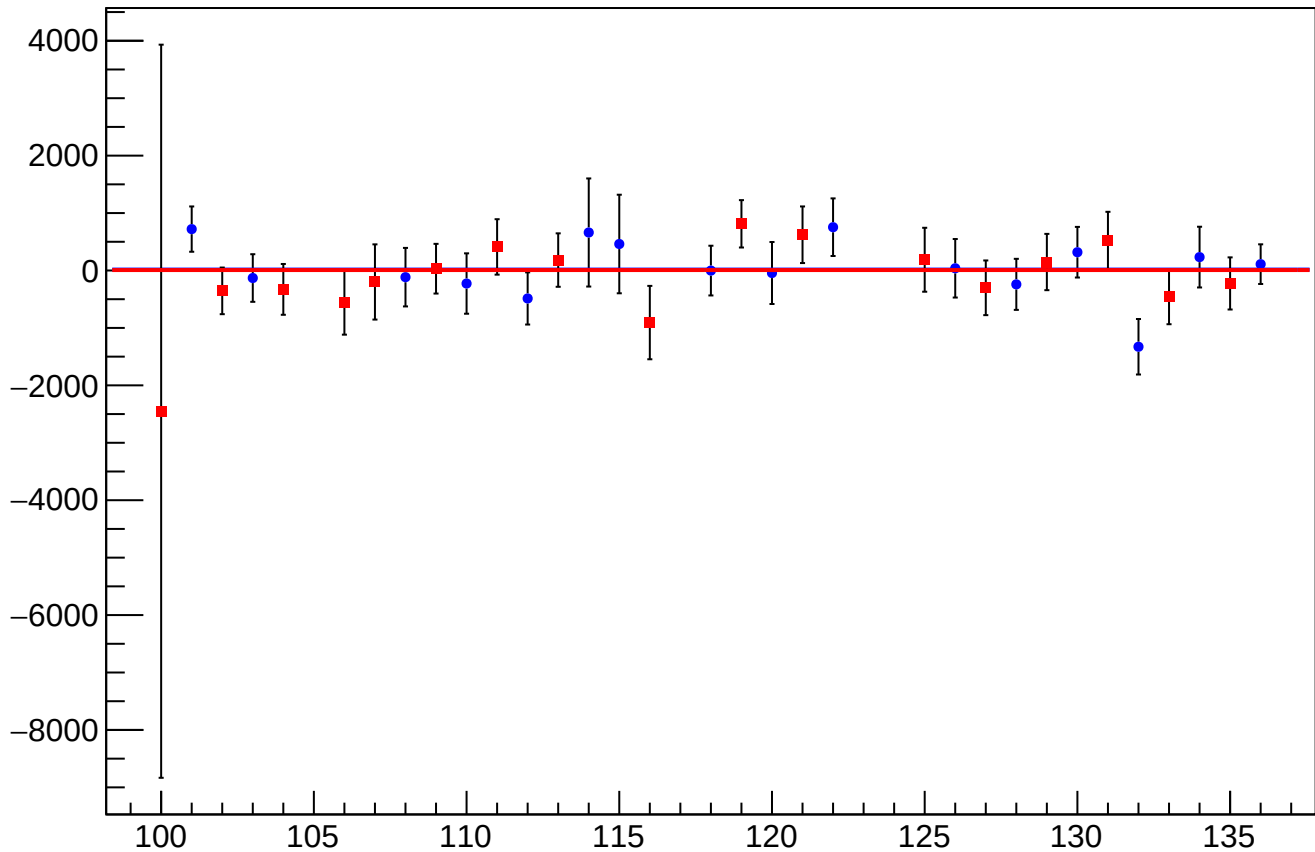
Right: 64.223+/-0.013 χ^2/NDF : 1925075.9/33

In: 66.732+/-0.018 χ^2/NDF : 816752.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.223+/-0.013 χ^2/NDF : 1925075.9/33

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: 7.589+/-120.868 χ^2/NDF : 13.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

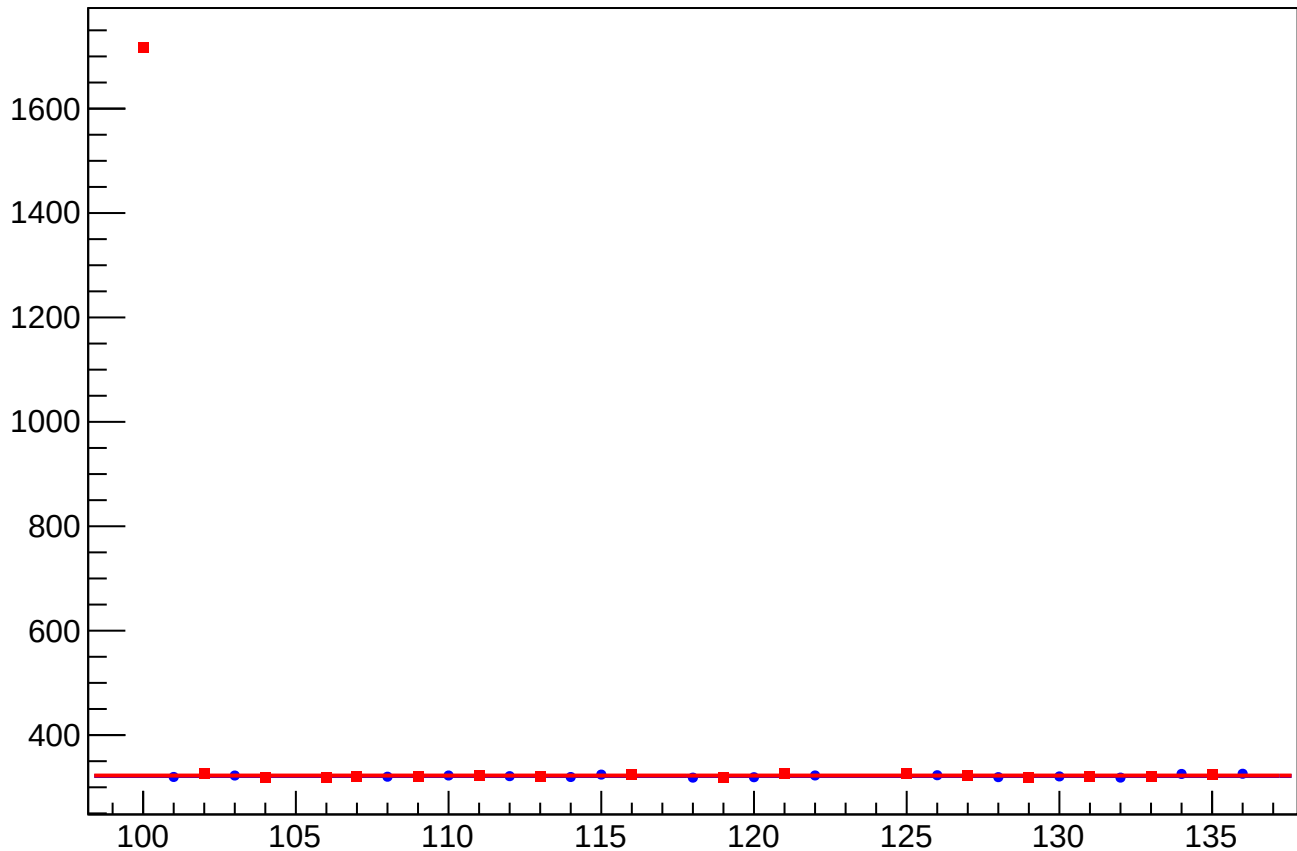
Right: 11.601+/-84.954 χ^2/NDF : 30.3/32

In: 15.517+/-119.431 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.601+/-84.954 χ^2/NDF : 30.3/32

asym_dsl_rms vs Slug, Sign Corrected



Right In: 321.604 $\pm$ 0.084 χ^2 /NDF: 822.9/15

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

Right Out: 322.478 $\pm$ 0.085 χ^2 /NDF: 96863.5/16

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

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

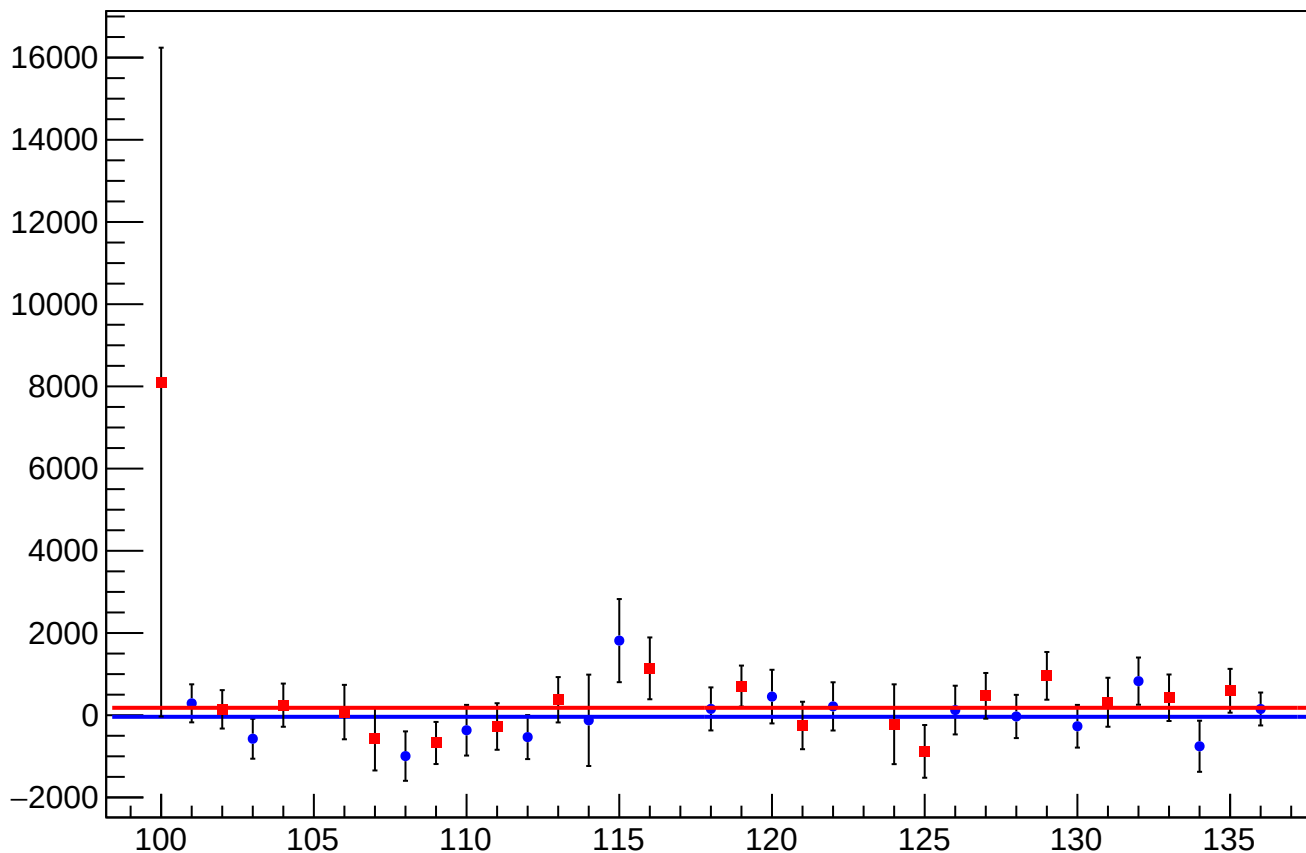
Right: 322.036 $\pm$ 0.060 χ^2 /NDF: 97739.2/32

In: 321.604 $\pm$ 0.084 χ^2 /NDF:822.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 322.036 $\pm$ 0.060 χ^2 /NDF: 97739.2/32

asym_dsr_mean vs Slug, Sign Corrected



Right In: -38.914 $\pm$ 140.720 χ^2/NDF : 13.7/15

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

Right Out: 180.386 $\pm$ 140.920 χ^2/NDF : 14.7/17

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

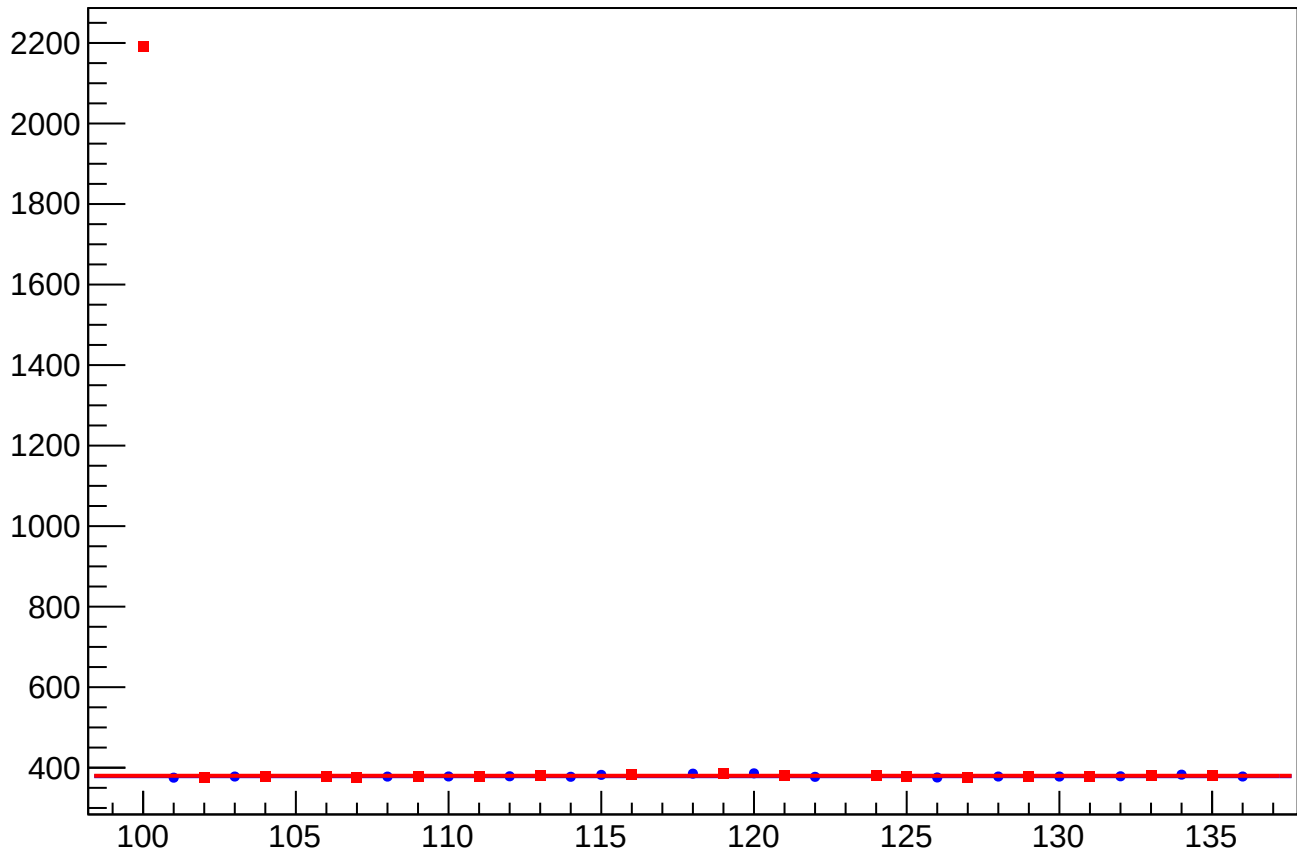
Right: 70.580 $\pm$ 99.575 χ^2/NDF : 29.6/33

In: -38.914 $\pm$ 140.720 χ^2/NDF : 13.7/15

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

All: 70.580 $\pm$ 99.575 χ^2/NDF : 29.6/33

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: 379.972+/-0.100 χ^2/NDF : 99588.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

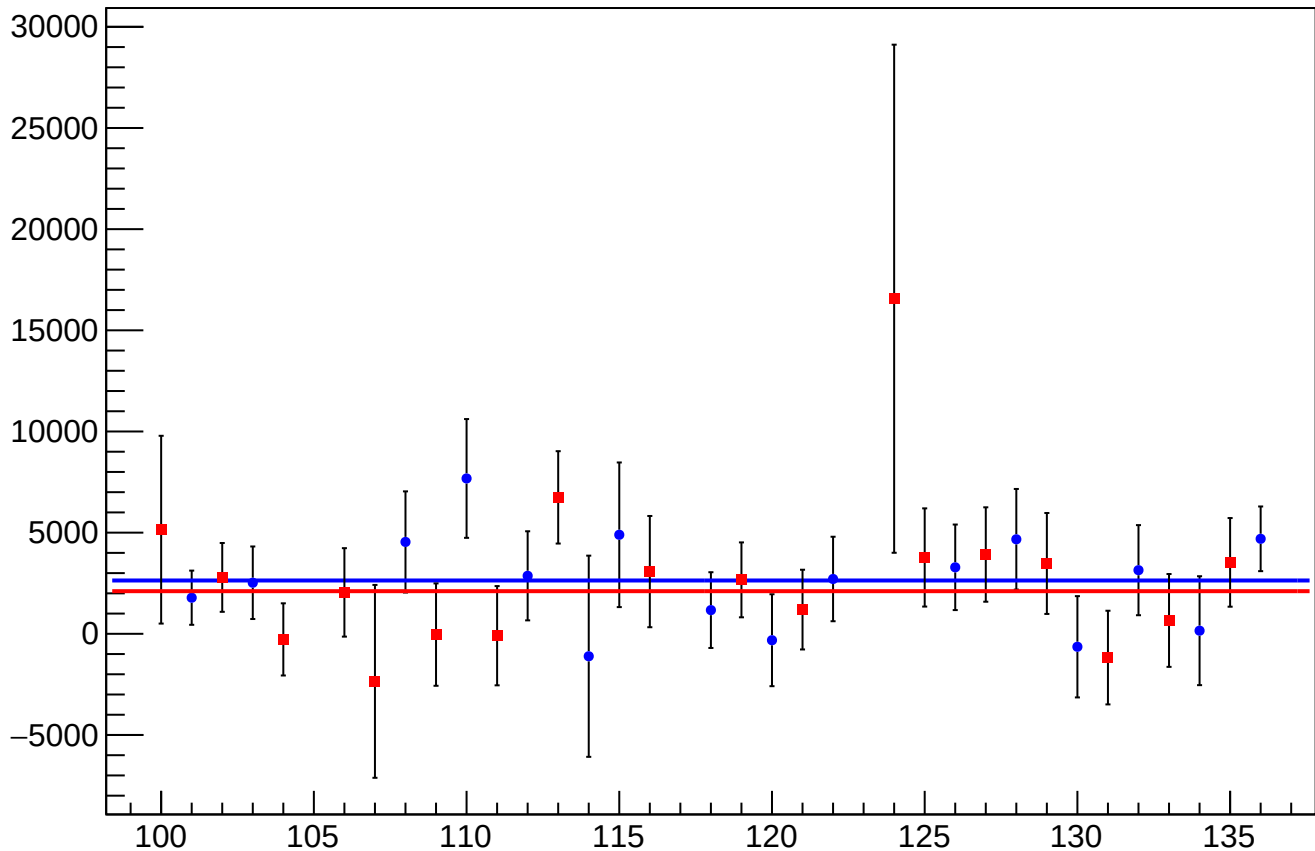
Right: 379.440+/-0.070 χ^2/NDF : 100497.0/33

In: 378.910+/-0.100 χ^2/NDF : 851.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 379.440+/-0.070 χ^2/NDF : 100497.0/33

asym_us_agg_avg_mean vs Slug, Sign Corrected



Right In: 2635.397 $\pm$ 538.034 χ^2 /NDF: 12.3/15

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

Right Out: 2107.224 $\pm$ 553.754 χ^2 /NDF: 14.9/17

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

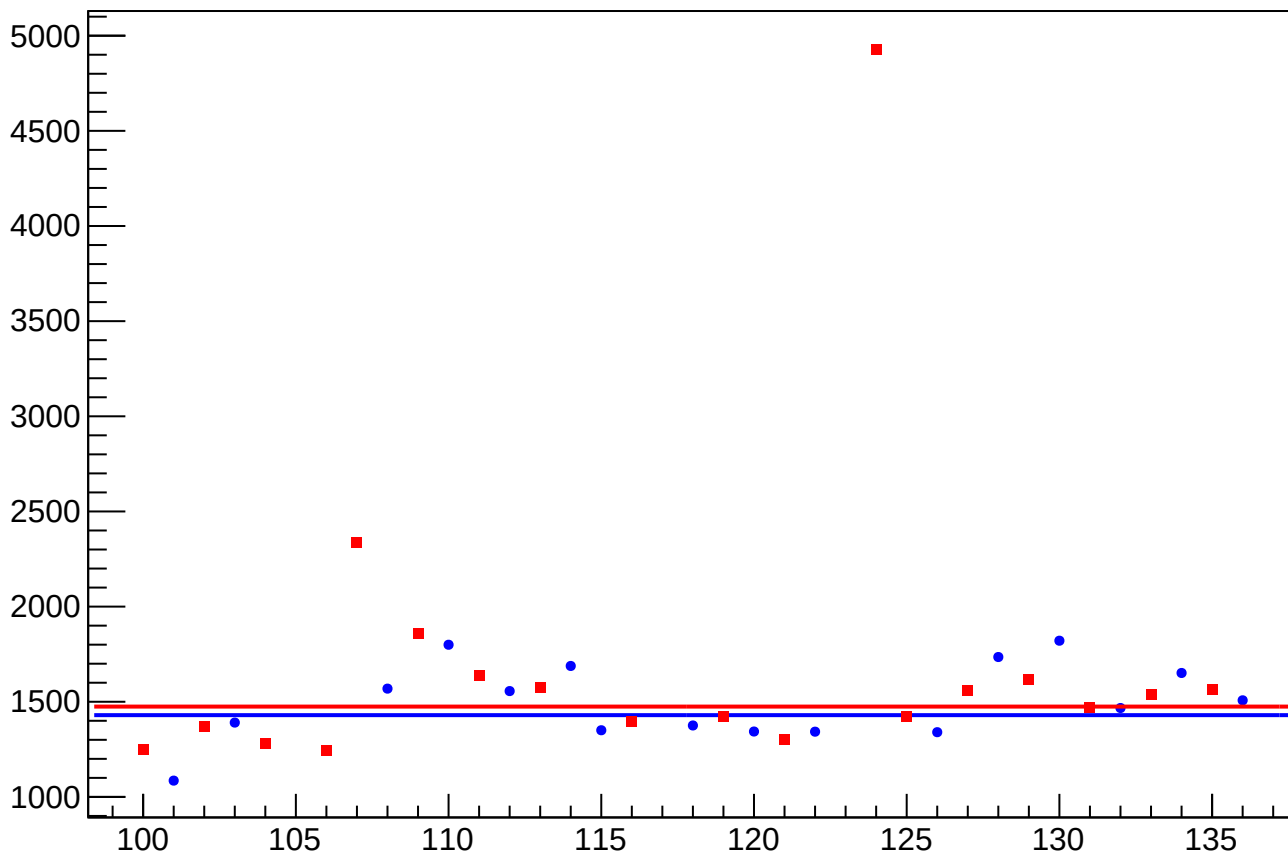
Right: 2378.914 $\pm$ 385.885 χ^2 /NDF: 27.6/33

In: 2635.397 $\pm$ 538.034 χ^2 /NDF: 12.3/15

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

All: 2378.914 $\pm$ 385.885 χ^2 /NDF: 27.6/33

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: 1474.661+/-0.392 χ^2/NDF : 367804.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

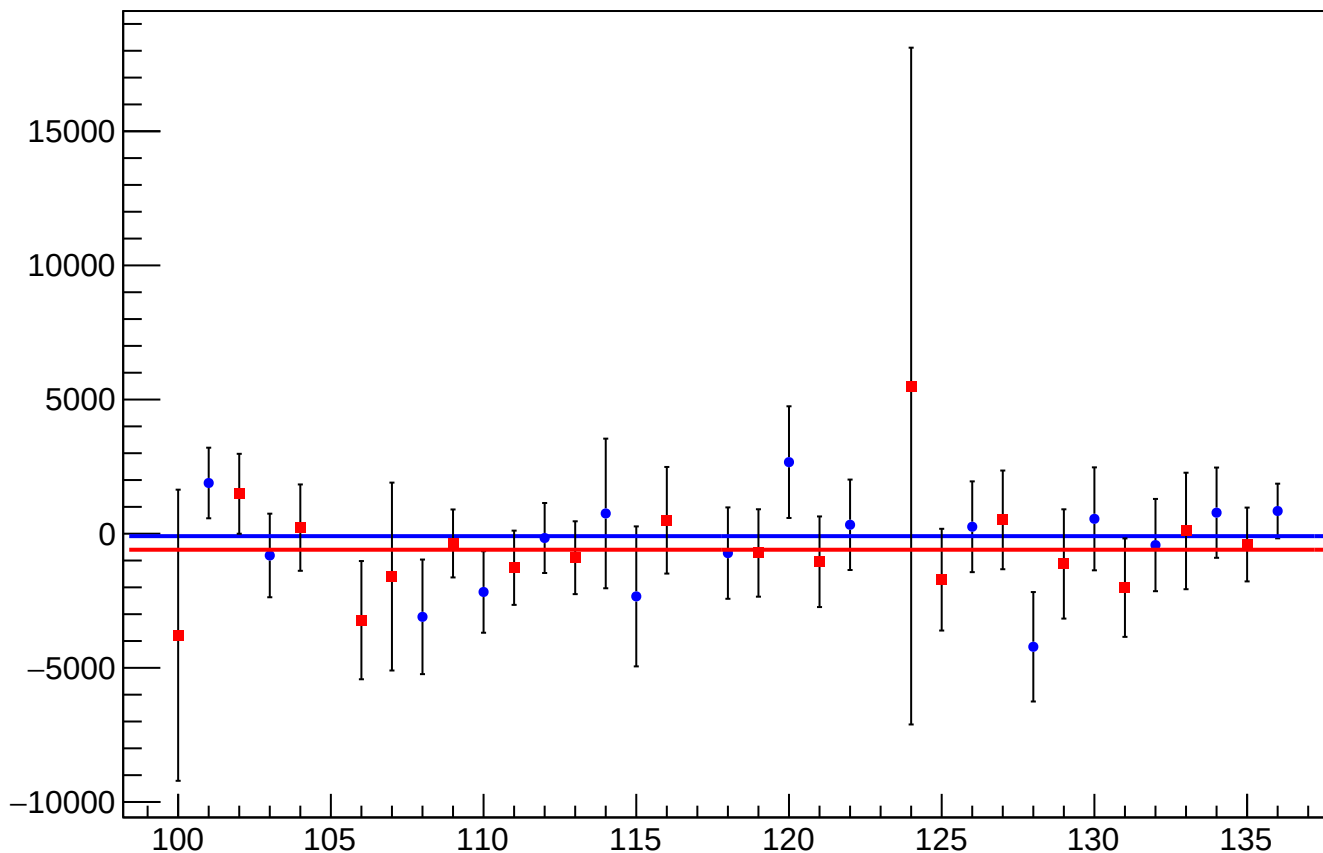
Right: 1451.509+/-0.273 χ^2/NDF : 667989.4/33

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.509+/-0.273 χ^2/NDF : 667989.4/33

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: -597.861 ± 419.364 χ^2/NDF : 6.5/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

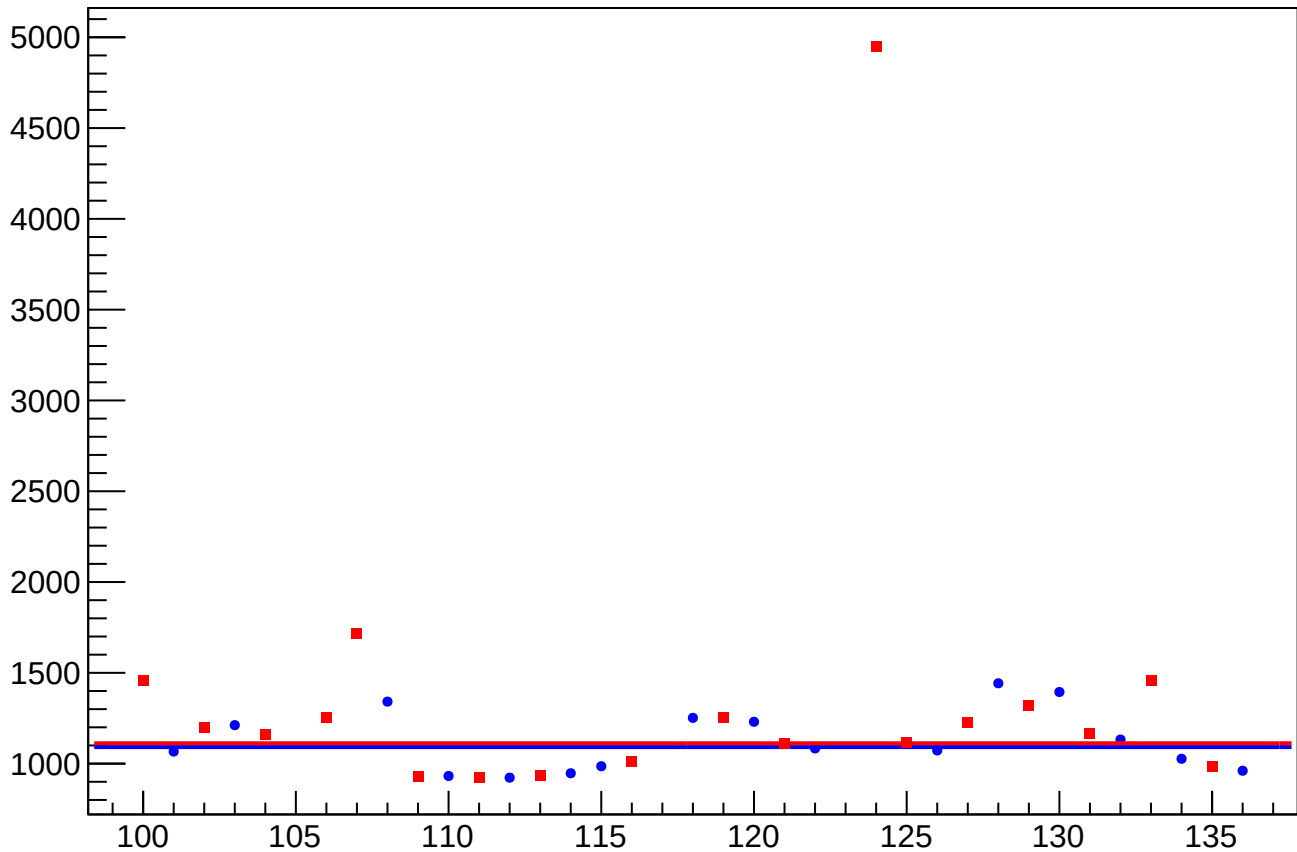
Right: -338.837 ± 293.153 χ^2/NDF : 21.8/33

In: -91.305 ± 409.957 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -338.837 ± 293.153 χ^2/NDF : 21.8/33

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: 1112.141+/-0.297 χ^2/NDF : 502945.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

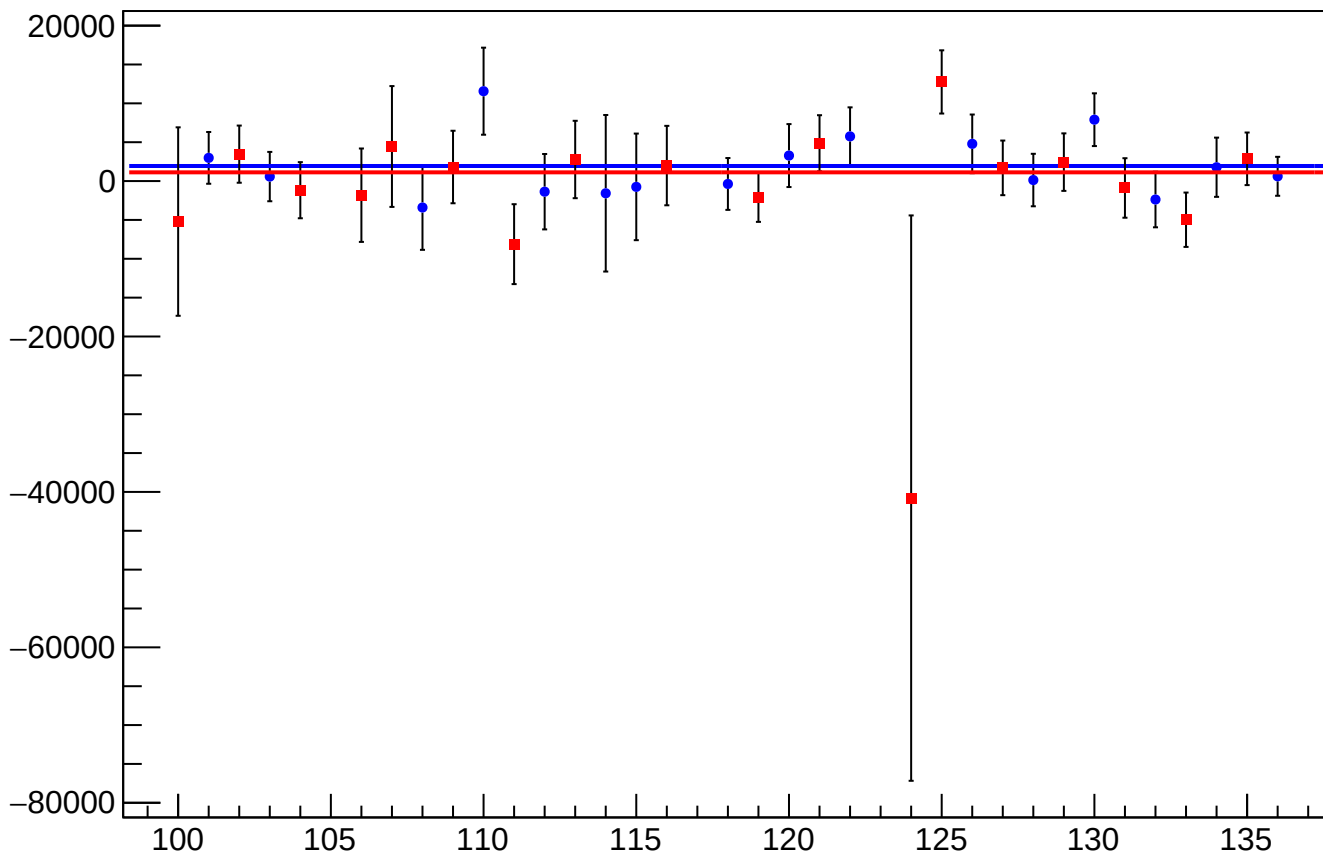
Right: 1101.351+/-0.207 χ^2/NDF : 782839.6/33

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

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1101.351+/-0.207 χ^2/NDF : 782839.6/33

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: 1121.976+/-1002.788 χ^2/NDF : 20.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

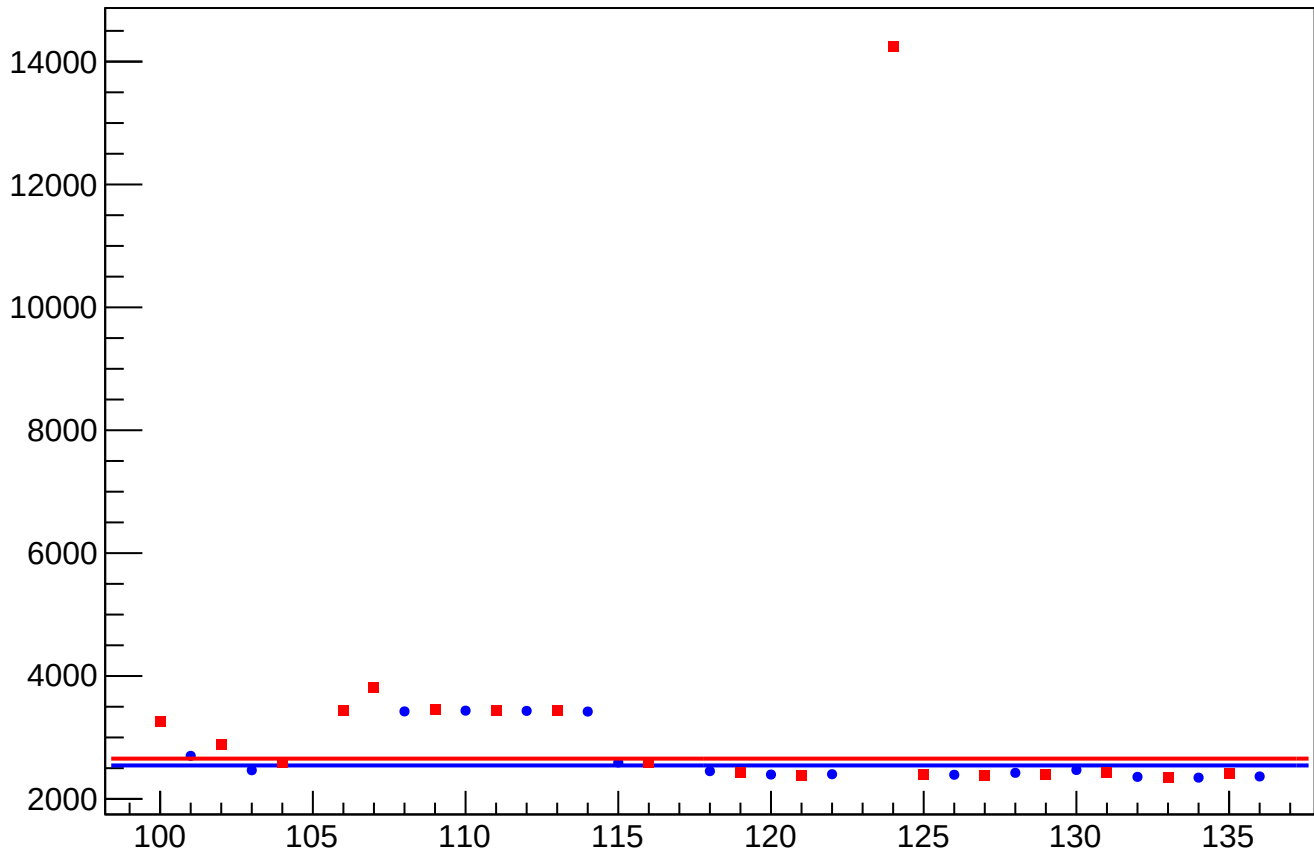
Right: 1551.816+/-690.627 χ^2/NDF : 32.9/33

In: 1939.656+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1551.816+/-690.627 χ^2/NDF : 32.9/33

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: 2655.533+/-0.709 χ^2/NDF : 531399.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

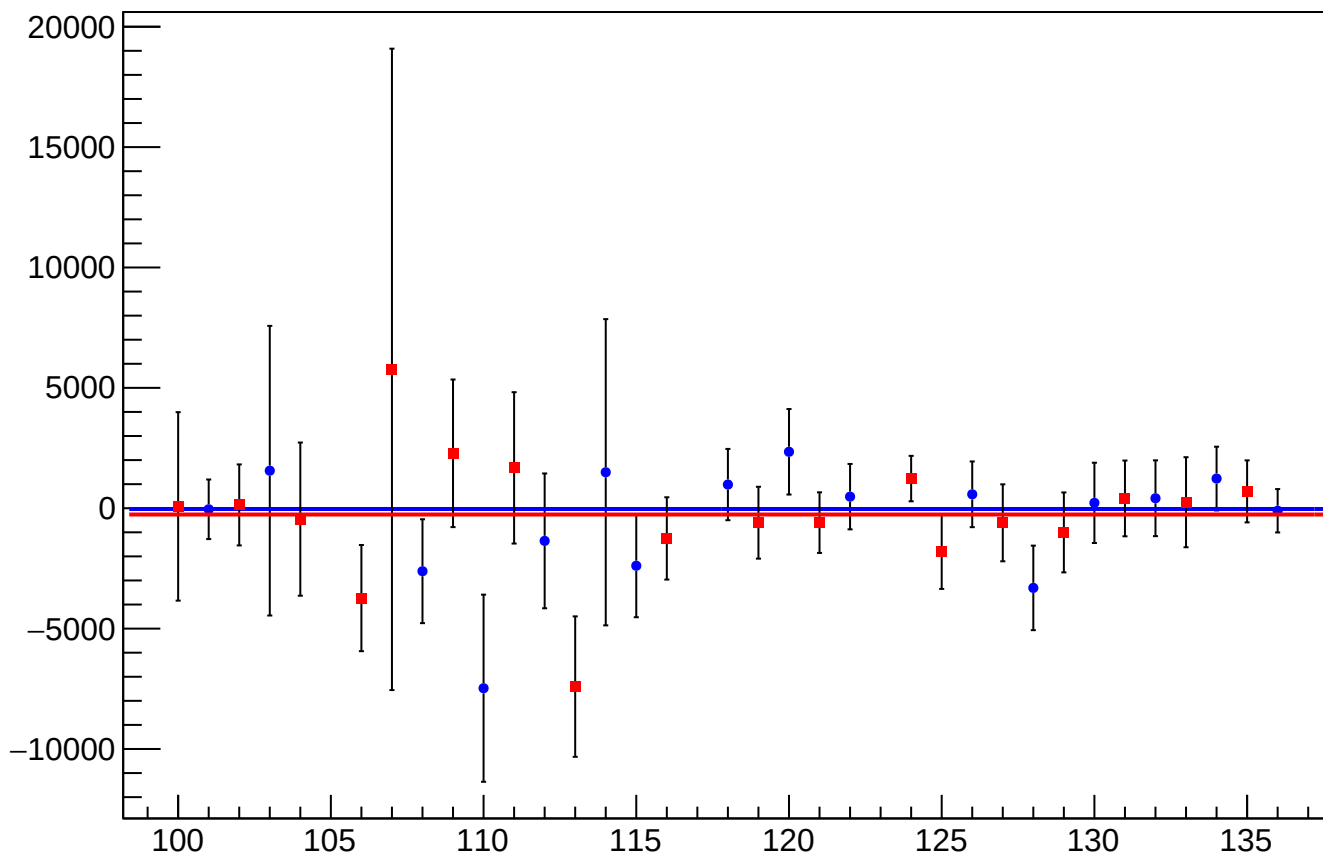
Right: 2597.121+/-0.488 χ^2/NDF : 769922.6/33

In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.121+/-0.488 χ^2/NDF : 769922.6/33

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: -260.523 ± 405.975 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

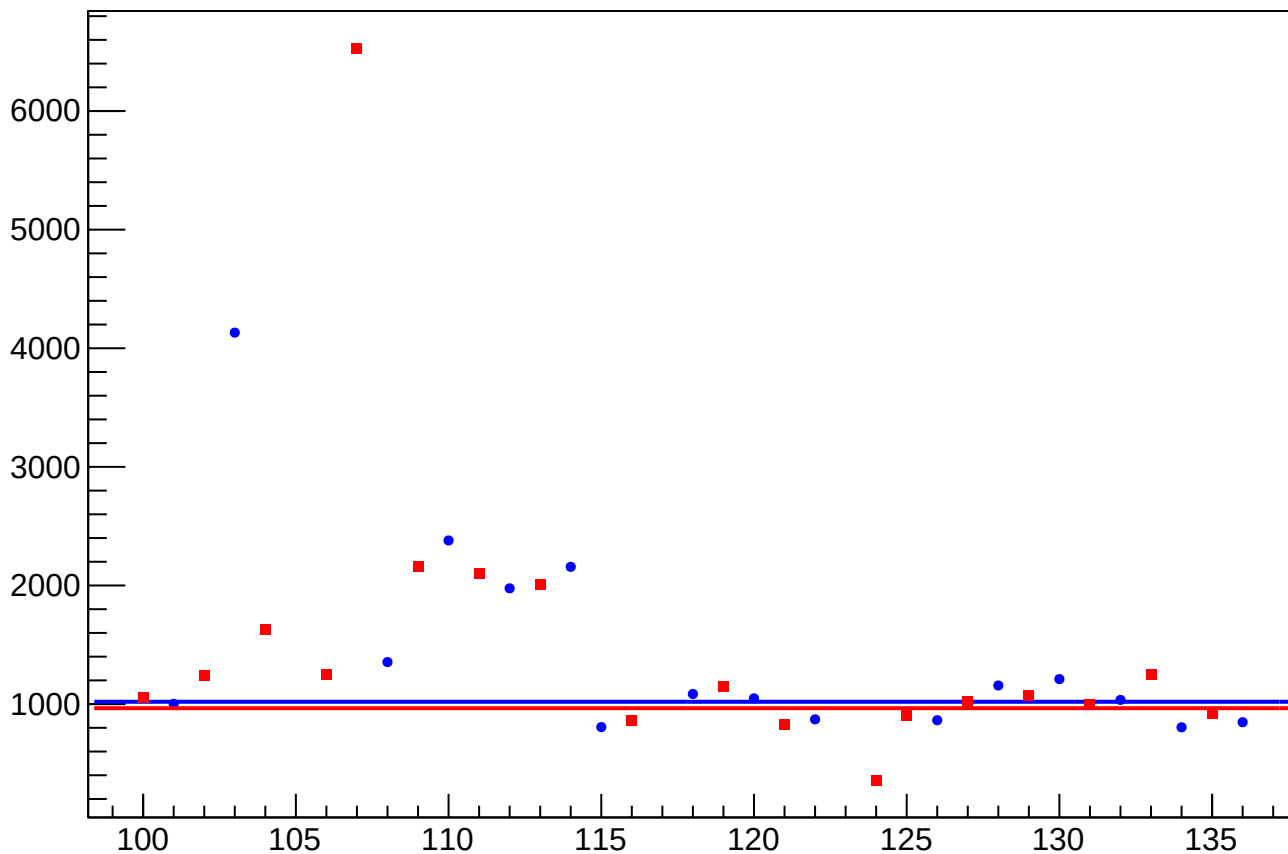
Right: -145.787 ± 286.980 χ^2/NDF : 28.8/33

In: -31.191 ± 405.726 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -145.787 ± 286.980 χ^2/NDF : 28.8/33

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: 965.310+/-0.287 χ^2/NDF : 2309068.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

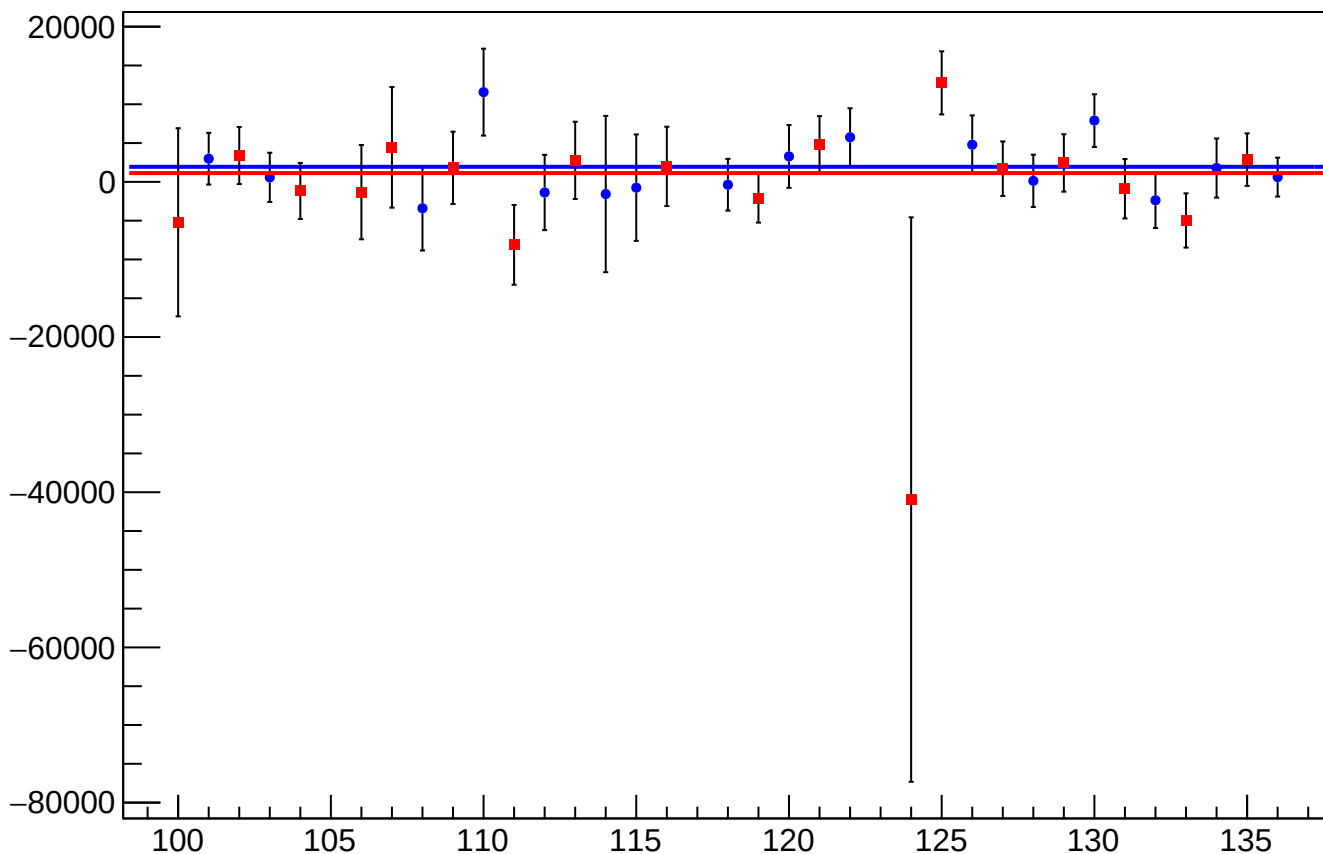
Right: 992.433+/-0.203 χ^2/NDF : 3691657.2/33

In: 1019.523+/-0.287 χ^2/NDF : 1364745.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 992.433+/-0.203 χ^2/NDF : 3691657.2/33

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: 1131.827+/-1003.105 χ^2/NDF : 20.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

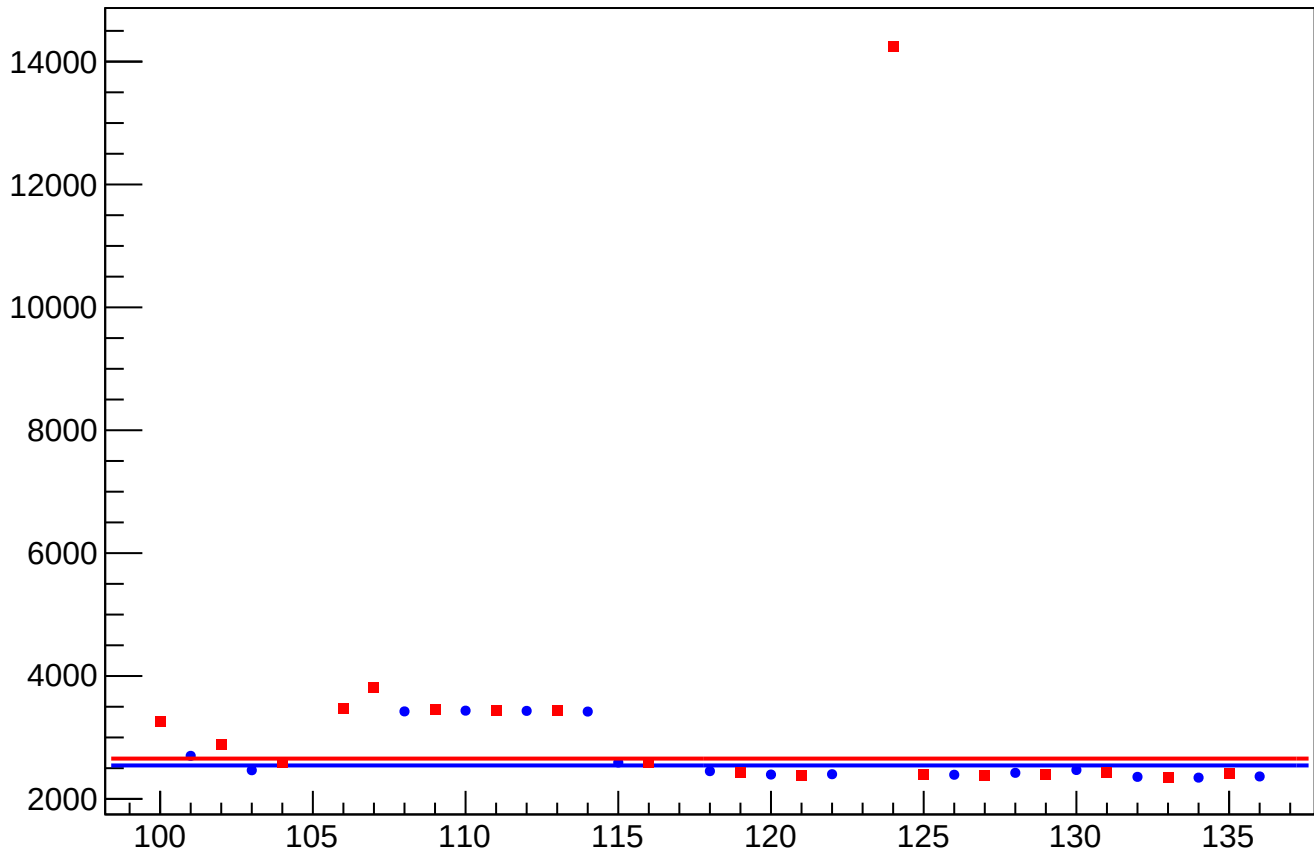
Right: 1556.799+/-690.731 χ^2/NDF : 32.8/33

In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.799+/-690.731 χ^2/NDF : 32.8/33

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: 2656.116+/-0.709 χ^2/NDF : 533958.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

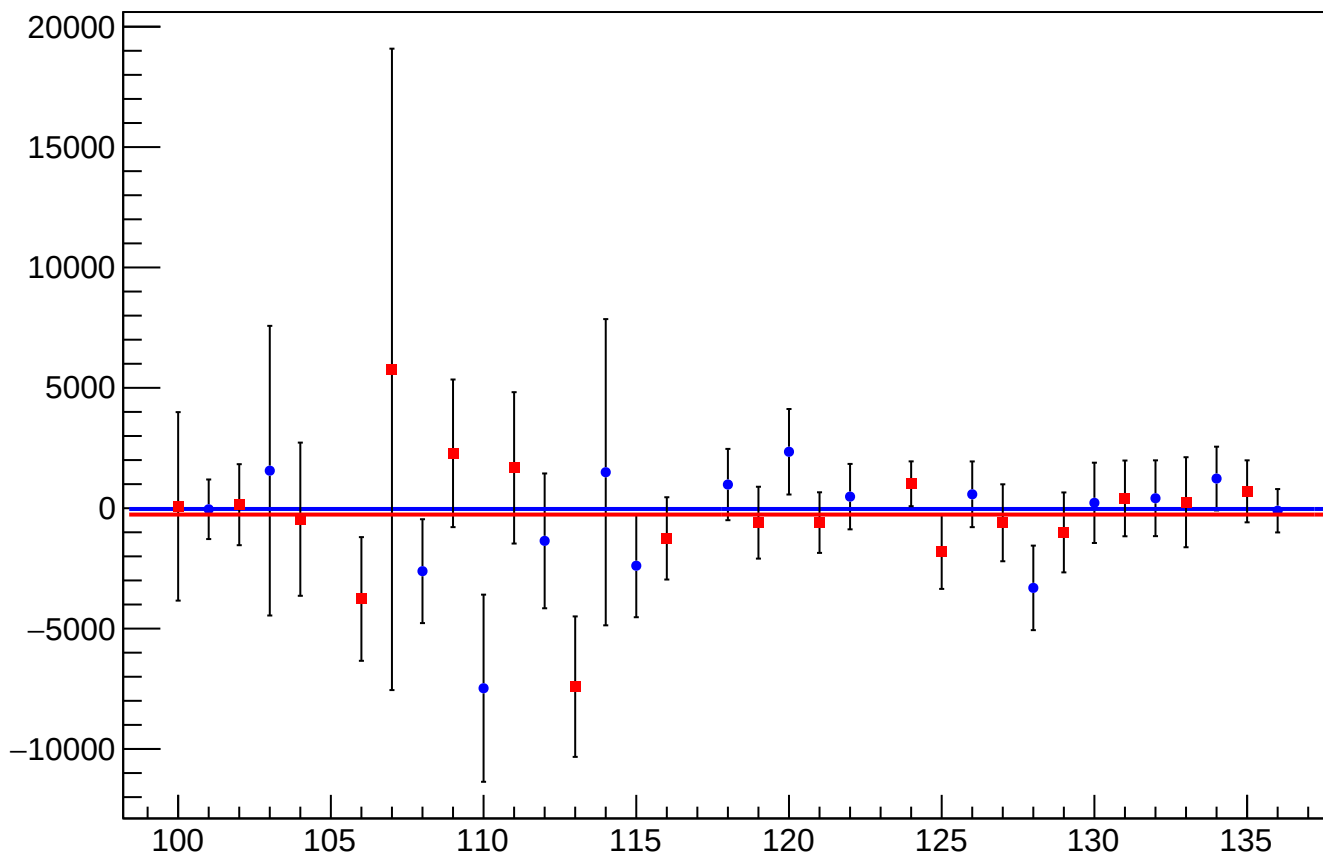
Right: 2597.380+/-0.488 χ^2/NDF : 772612.7/33

In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.380+/-0.488 χ^2/NDF : 772612.7/33

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: -263.944 ± 406.784 χ^2/NDF : 13.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

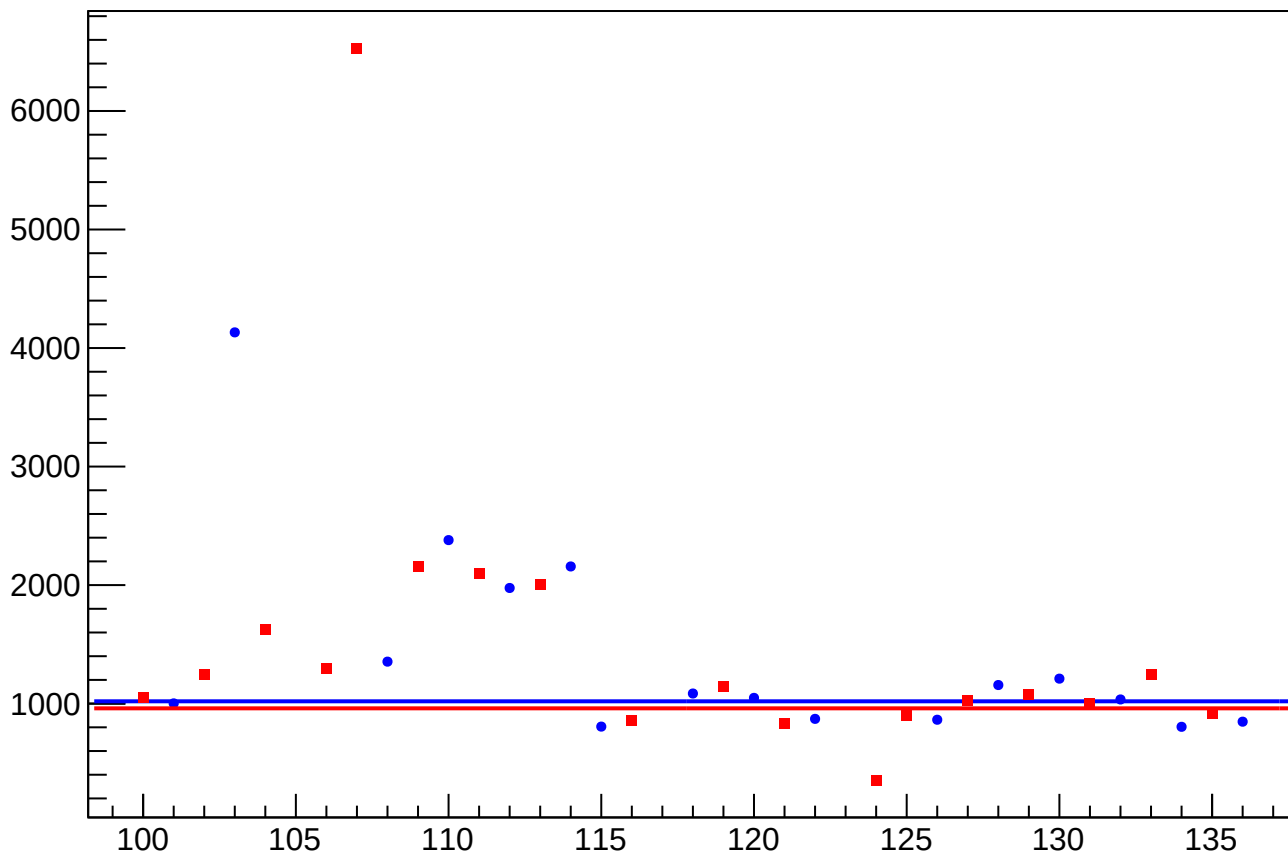
Right: -147.295 ± 287.264 χ^2/NDF : 27.6/33

In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -147.295 ± 287.264 χ^2/NDF : 27.6/33

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: 960.087 $\pm$ 0.288 χ^2 /NDF: 2344251.2/17

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

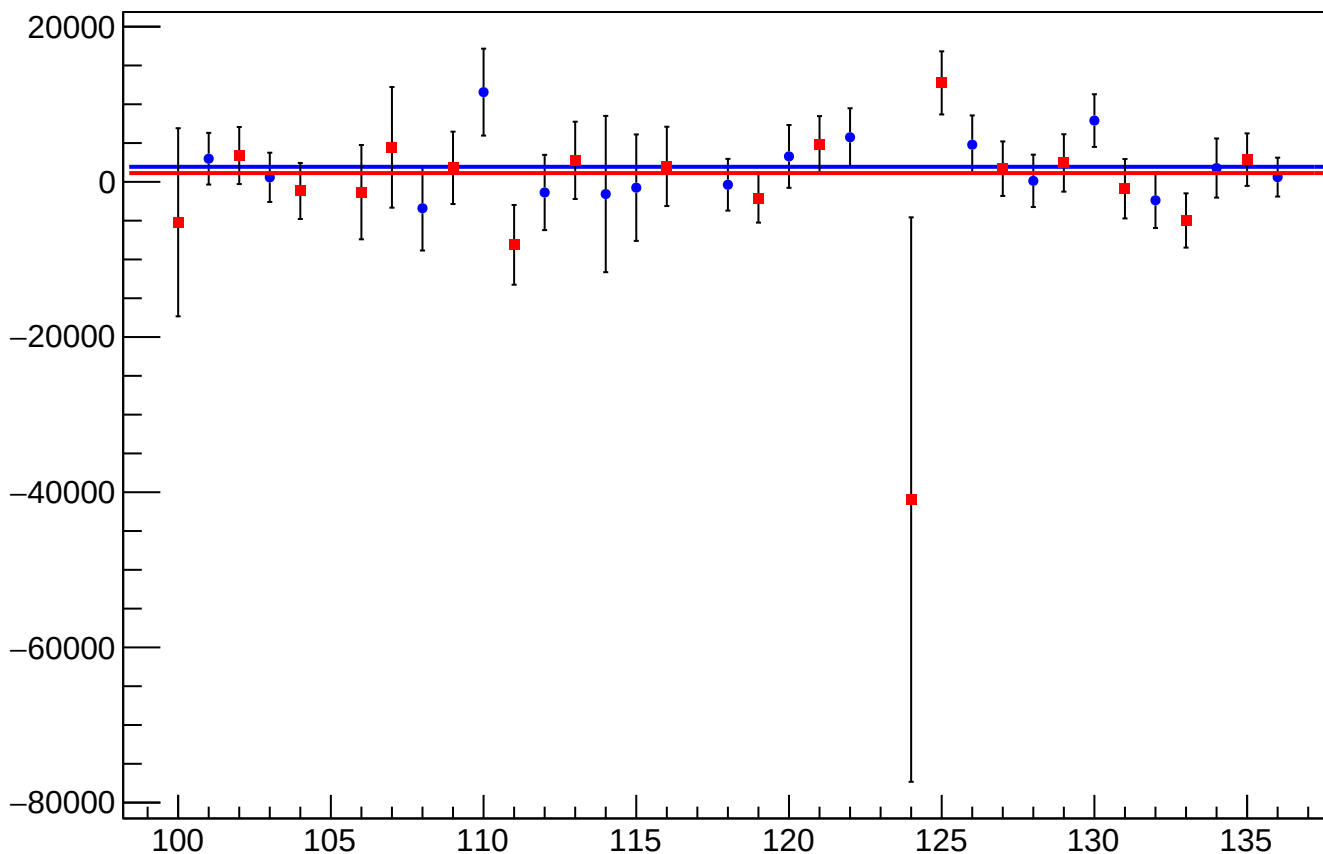
Right: 989.878 $\pm$ 0.203 χ^2 /NDF: 3730390.5/33

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: 989.878 $\pm$ 0.203 χ^2 /NDF: 3730390.5/33

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: 1131.827+/-1003.105 χ^2/NDF : 20.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

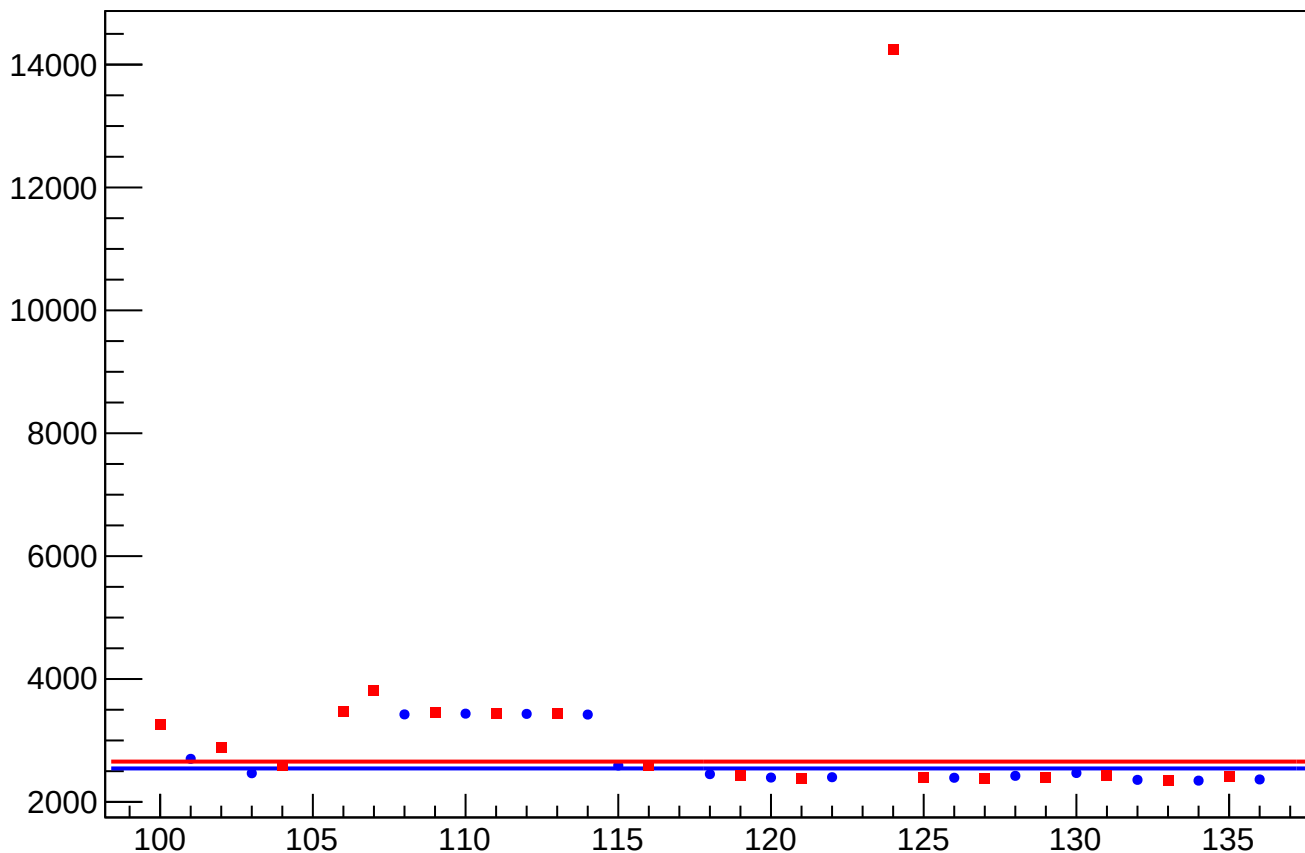
Right: 1556.799+/-690.731 χ^2/NDF : 32.8/33

In: 1940.005+/-952.537 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1556.799+/-690.731 χ^2/NDF : 32.8/33

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: 2656.116+/-0.709 χ^2/NDF : 533958.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

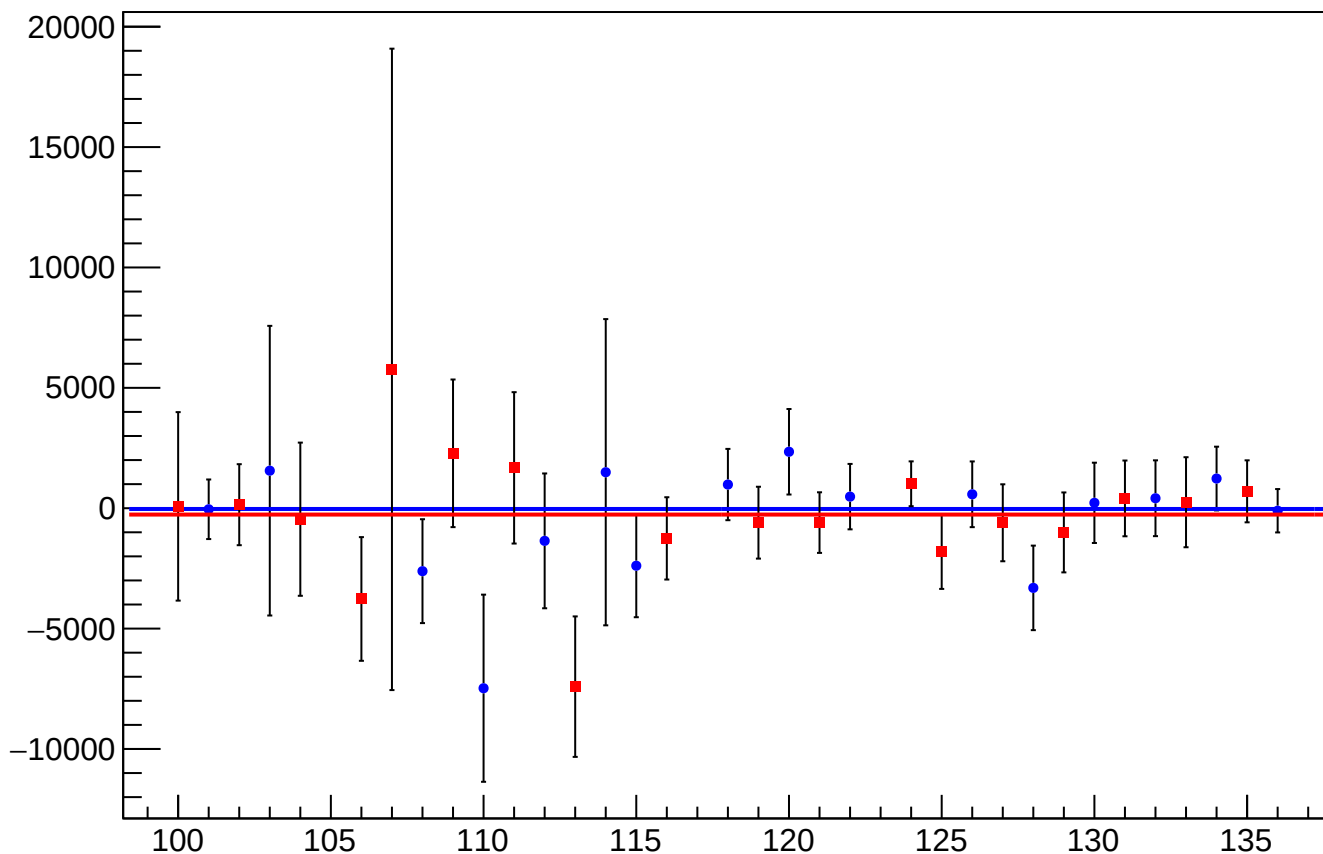
Right: 2597.380+/-0.488 χ^2/NDF : 772612.7/33

In: 2544.416+/-0.674 χ^2/NDF : 225614.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2597.380+/-0.488 χ^2/NDF : 772612.7/33

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: -263.944 ± 406.784 χ^2/NDF : 13.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

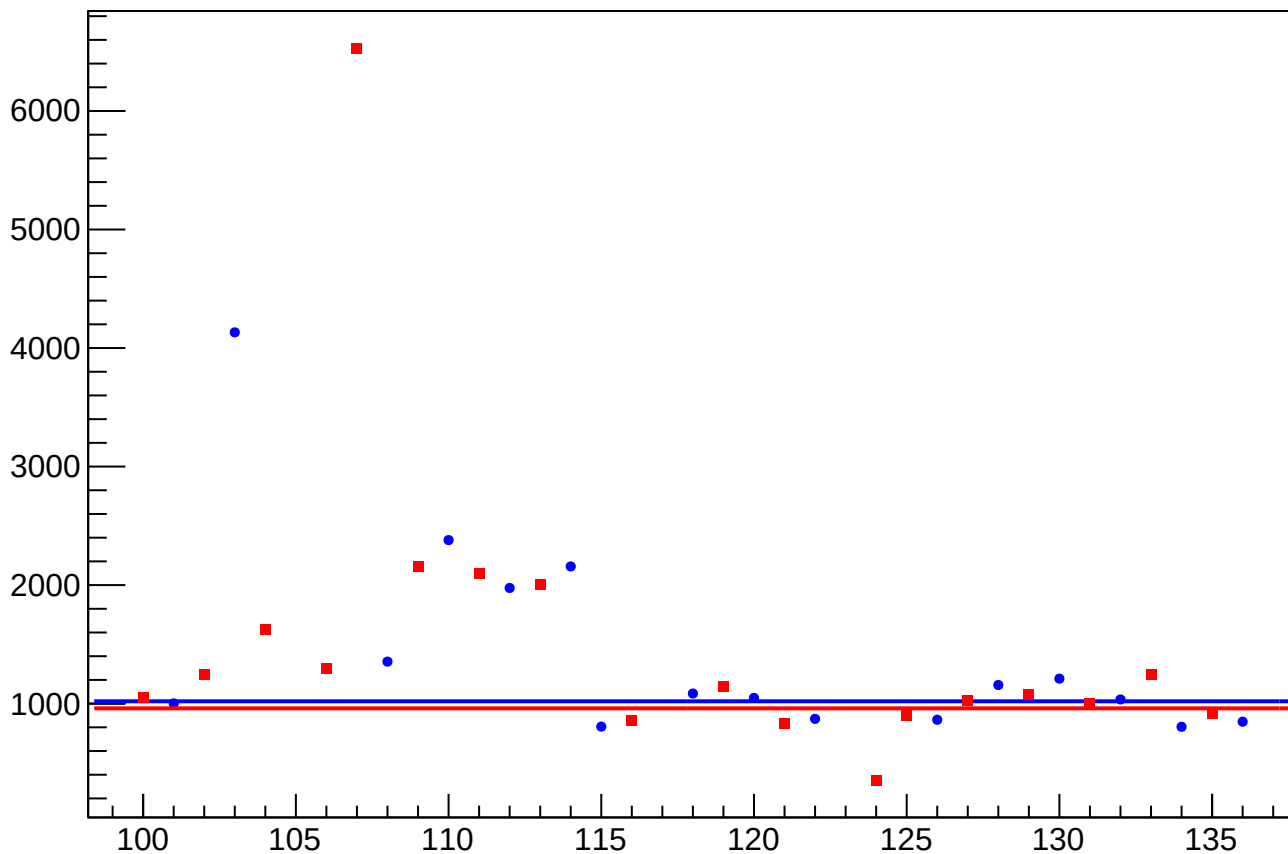
Right: -147.295 ± 287.264 χ^2/NDF : 27.6/33

In: -31.253 ± 405.723 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -147.295 ± 287.264 χ^2/NDF : 27.6/33

asym_atl1_eigen_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: 960.087 $\pm$ 0.288 χ^2 /NDF: 2344251.2/17

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

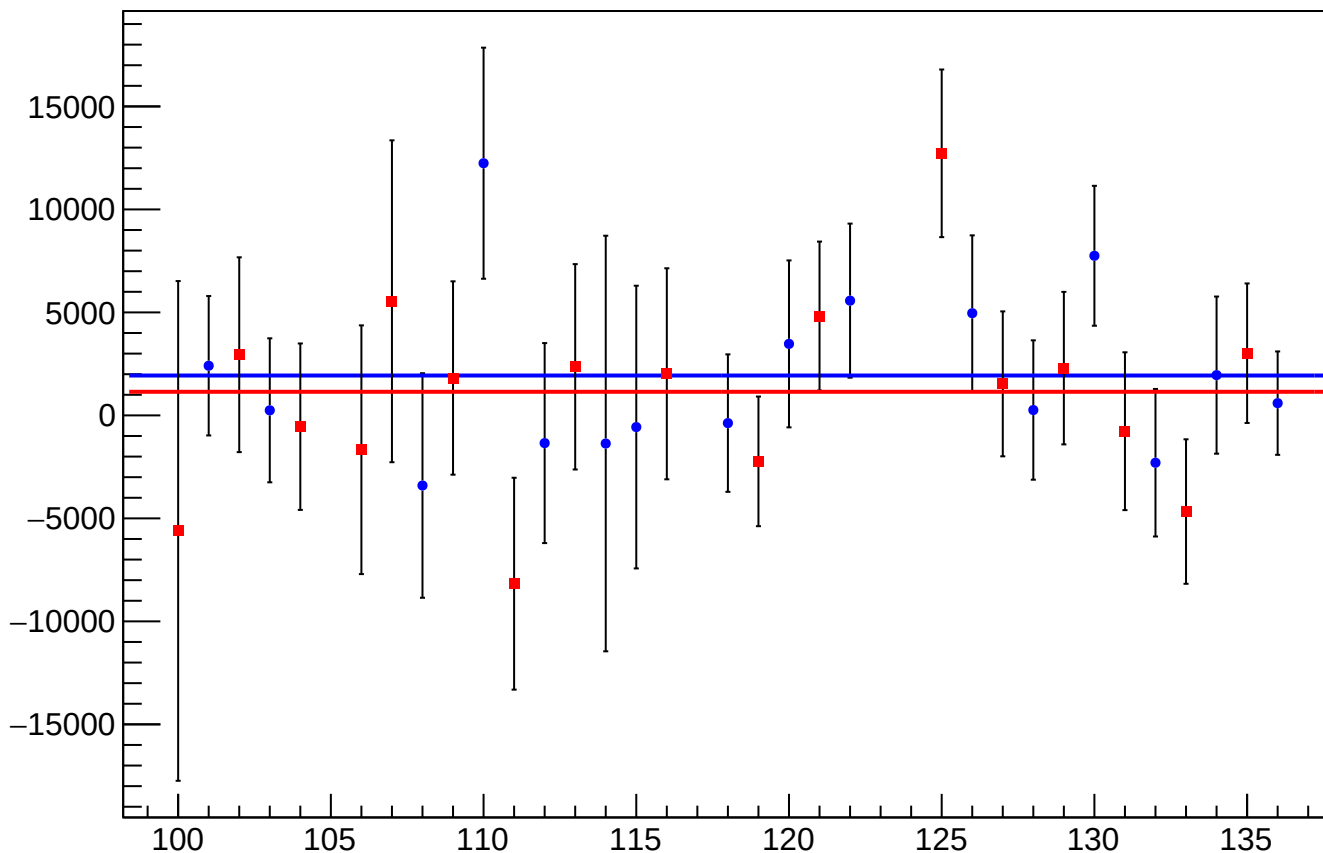
Right: 989.878 $\pm$ 0.203 χ^2 /NDF: 3730390.5/33

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: 989.878 $\pm$ 0.203 χ^2 /NDF: 3730390.5/33

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: 1146.076 $\pm$ 1027.984 χ^2 /NDF: 18.2/16

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

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

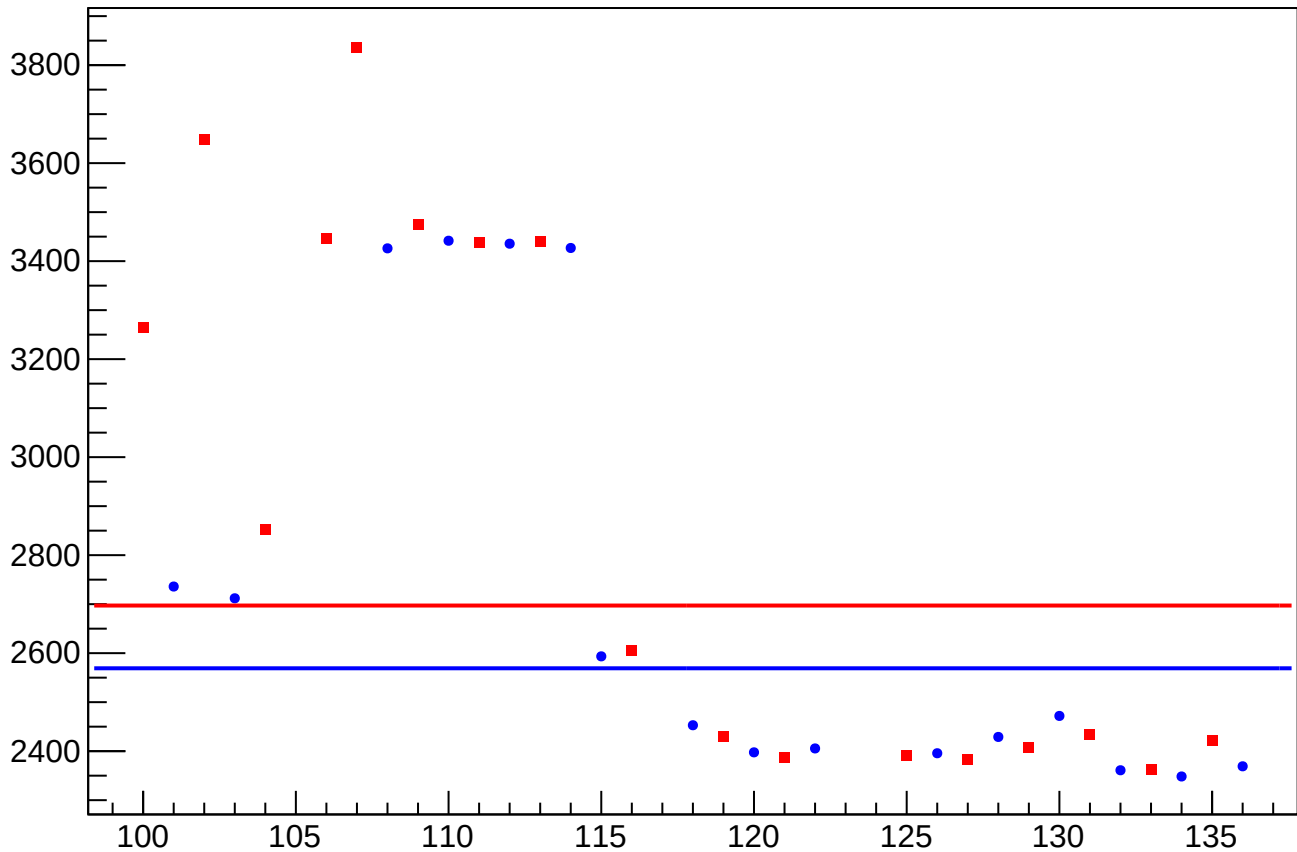
Right: 1567.066 $\pm$ 702.531 χ^2 /NDF: 30.9/32

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: 1567.066 $\pm$ 702.531 χ^2 /NDF: 30.9/32

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: 2697.187+/-0.727 χ^2/NDF : 412372.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

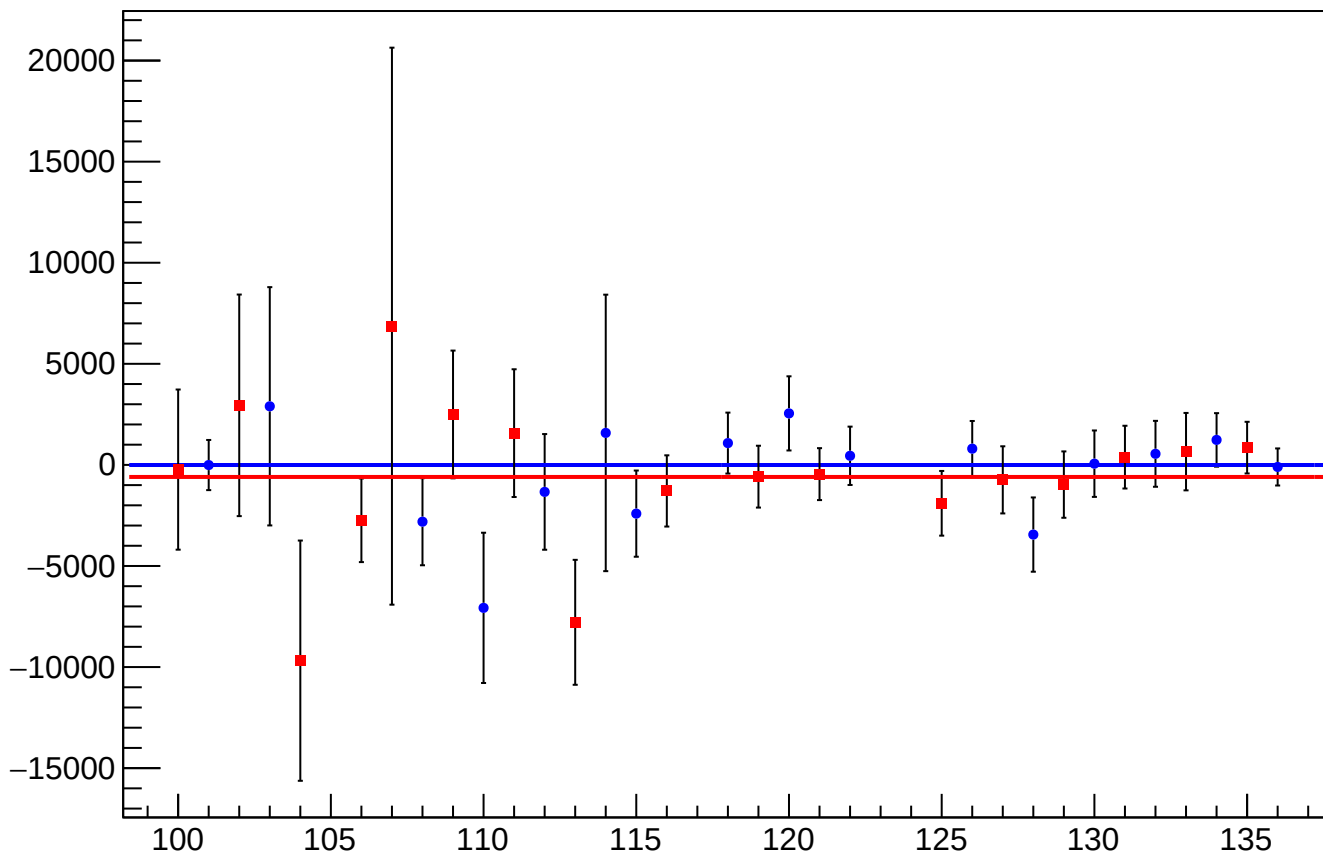
Right: 2628.938+/-0.497 χ^2/NDF : 658400.4/32

In: 2569.130+/-0.680 χ^2/NDF : 229487.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2628.938+/-0.497 χ^2/NDF : 658400.4/32

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: -596.171 ± 474.010 χ^2/NDF : 14.0/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

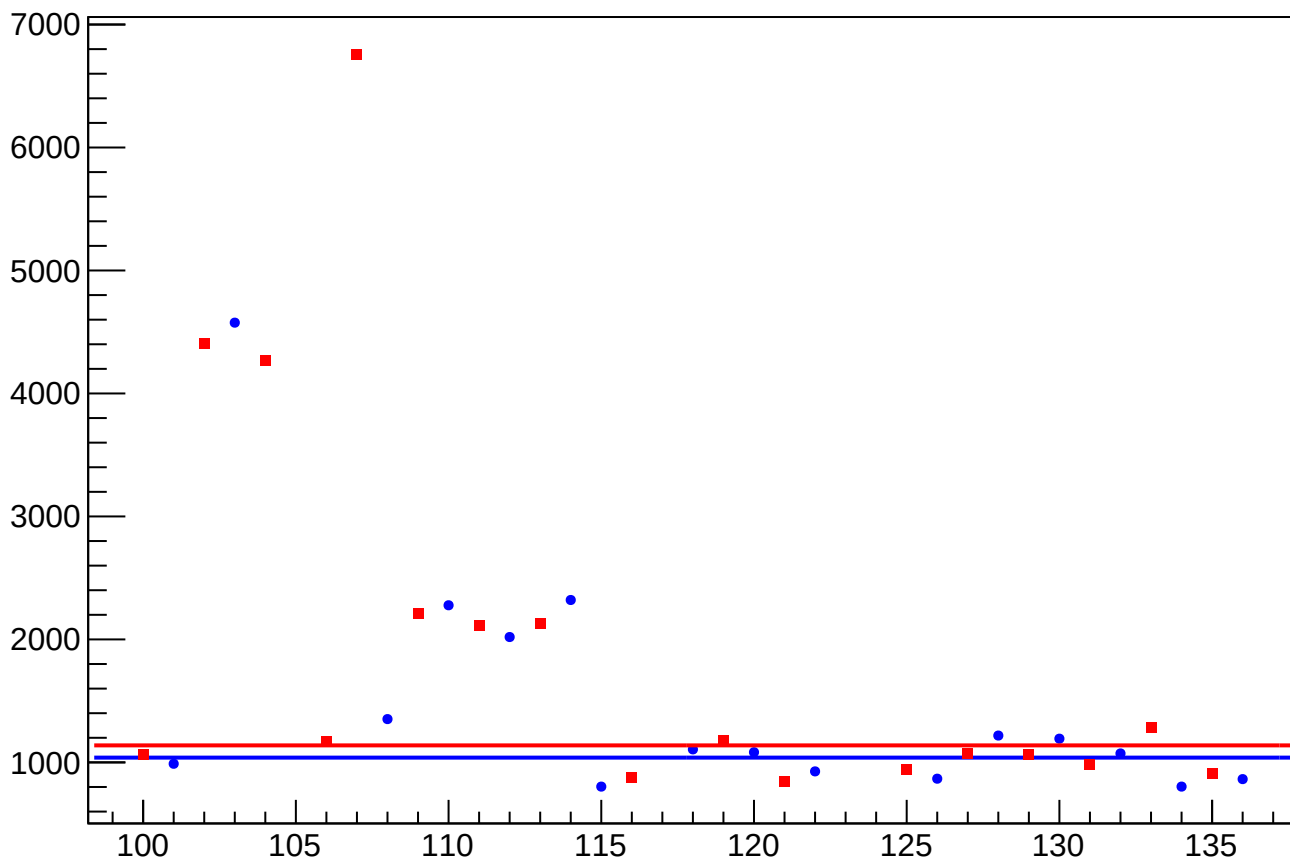
Right: -259.683 ± 311.063 χ^2/NDF : 29.4/32

In: -5.169 ± 412.248 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.683 ± 311.063 χ^2/NDF : 29.4/32

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: 1138.303+/-0.335 χ^2/NDF : 2500646.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

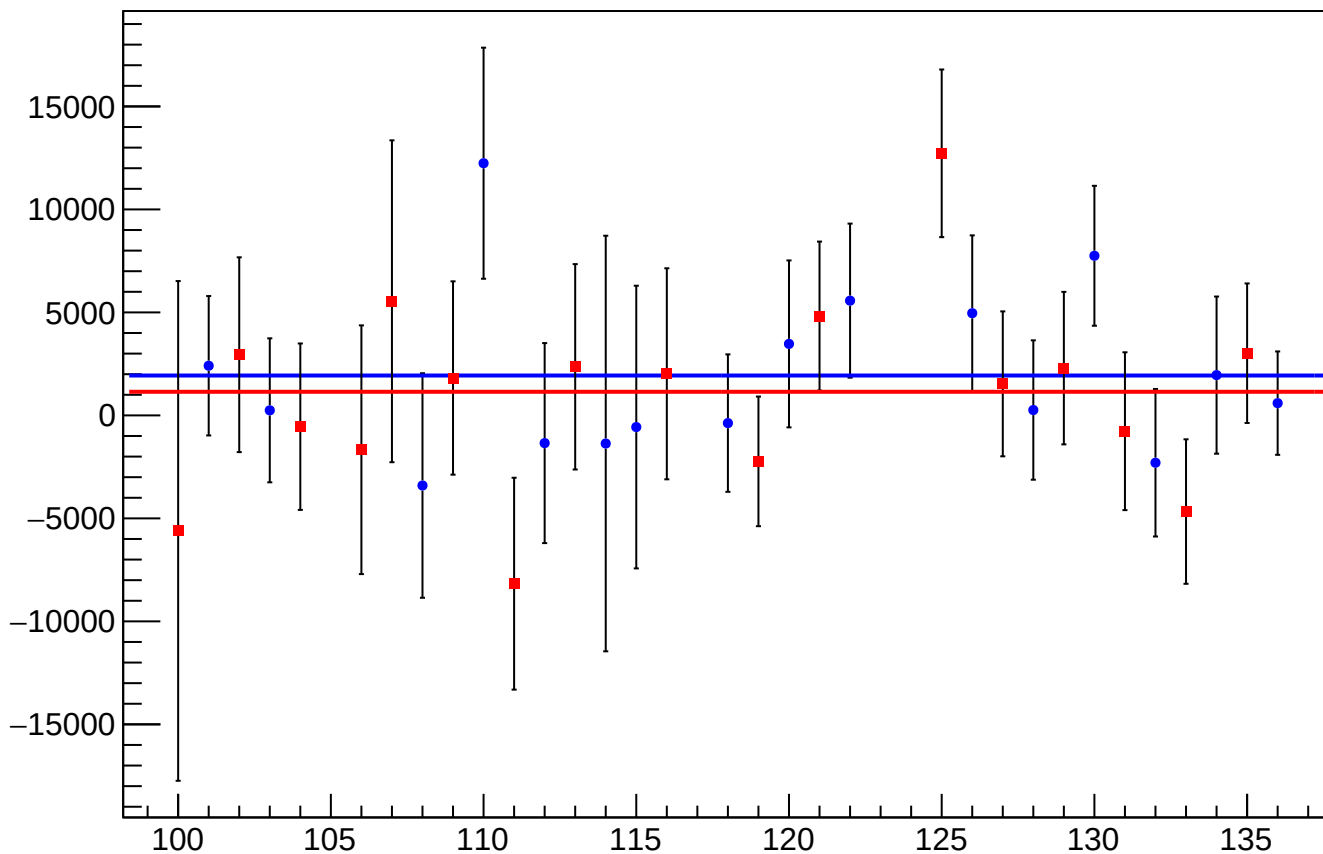
Right: 1081.652+/-0.220 χ^2/NDF : 4090552.5/32

In: 1038.803+/-0.292 χ^2/NDF : 1539731.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.652+/-0.220 χ^2/NDF : 4090552.5/32

eigen_dit_asym_atl1_mean vs Slug, Sign Corrected



Right In: 1935.988+/-962.322 χ^2/NDF : 12.4/15

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

Right Out: 1146.074+/-1027.984 χ^2/NDF : 18.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

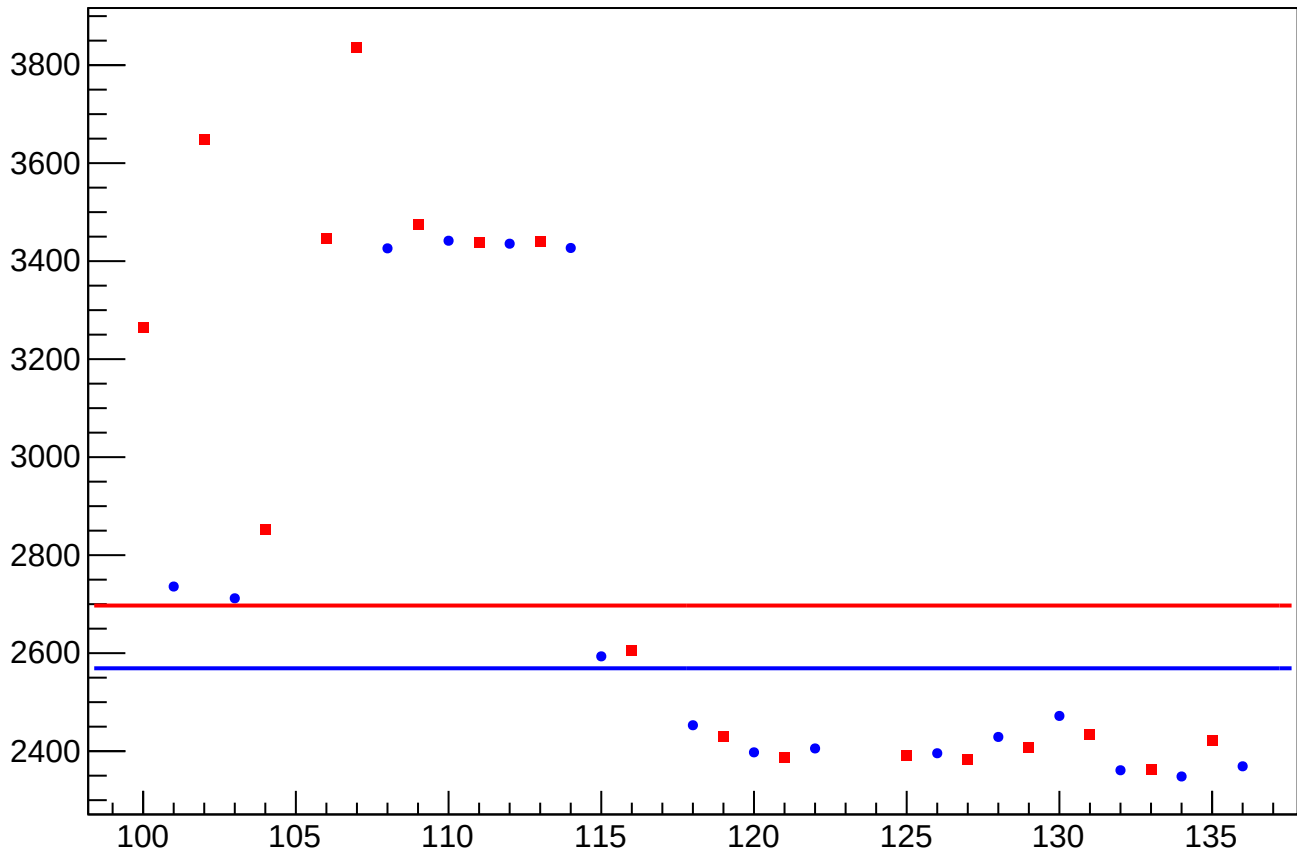
Right: 1567.063+/-702.531 χ^2/NDF : 30.9/32

In: 1935.988+/-962.322 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.063+/-702.531 χ^2/NDF : 30.9/32

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: 2697.187+/-0.727 χ^2/NDF : 412371.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

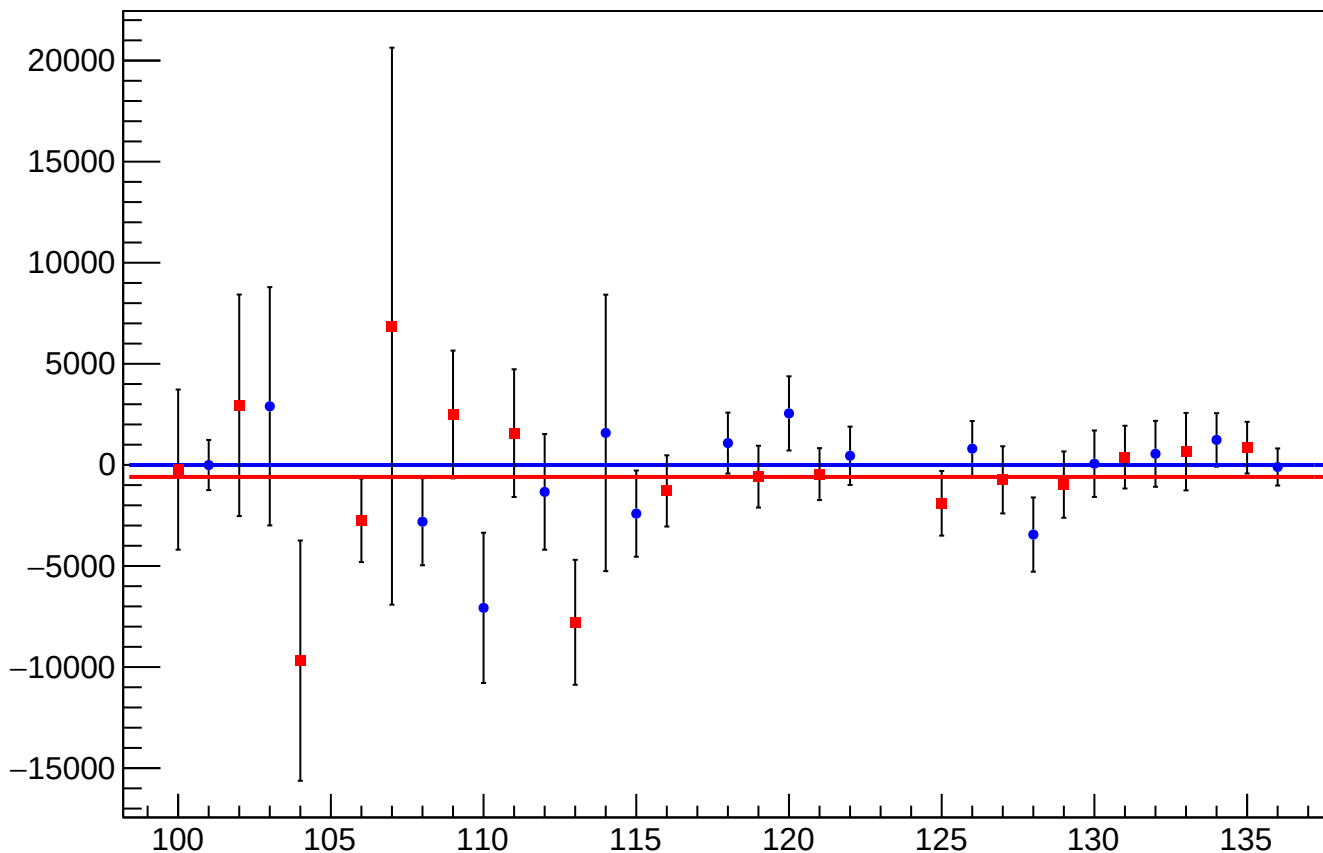
Right: 2628.938+/-0.497 χ^2/NDF : 658399.6/32

In: 2569.130+/-0.680 χ^2/NDF : 229487.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2628.938+/-0.497 χ^2/NDF : 658399.6/32

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: -596.172 ± 474.010 χ^2/NDF : 14.0/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

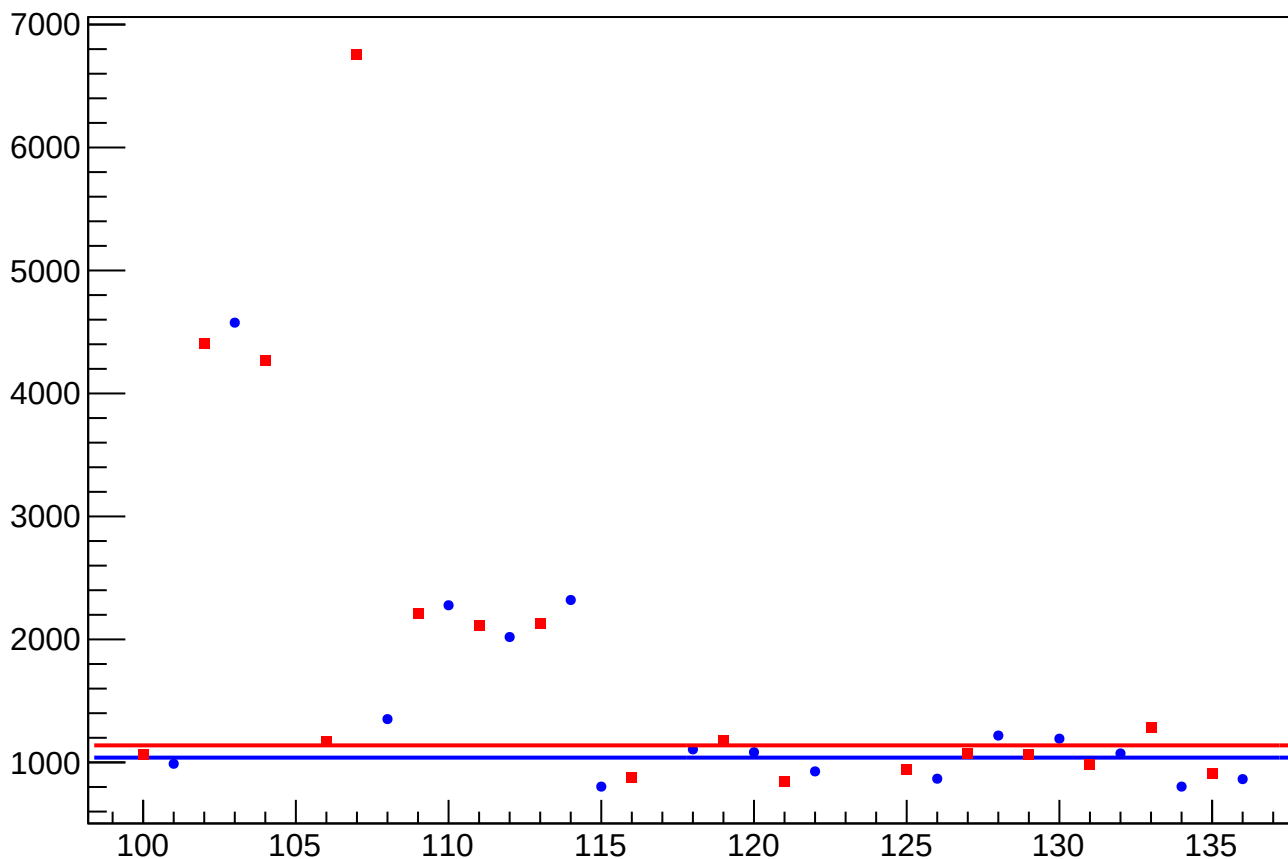
Right: -259.685 ± 311.063 χ^2/NDF : 29.4/32

In: -5.172 ± 412.248 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.685 ± 311.063 χ^2/NDF : 29.4/32

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: 1138.303+/-0.335 χ^2/NDF : 2500646.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

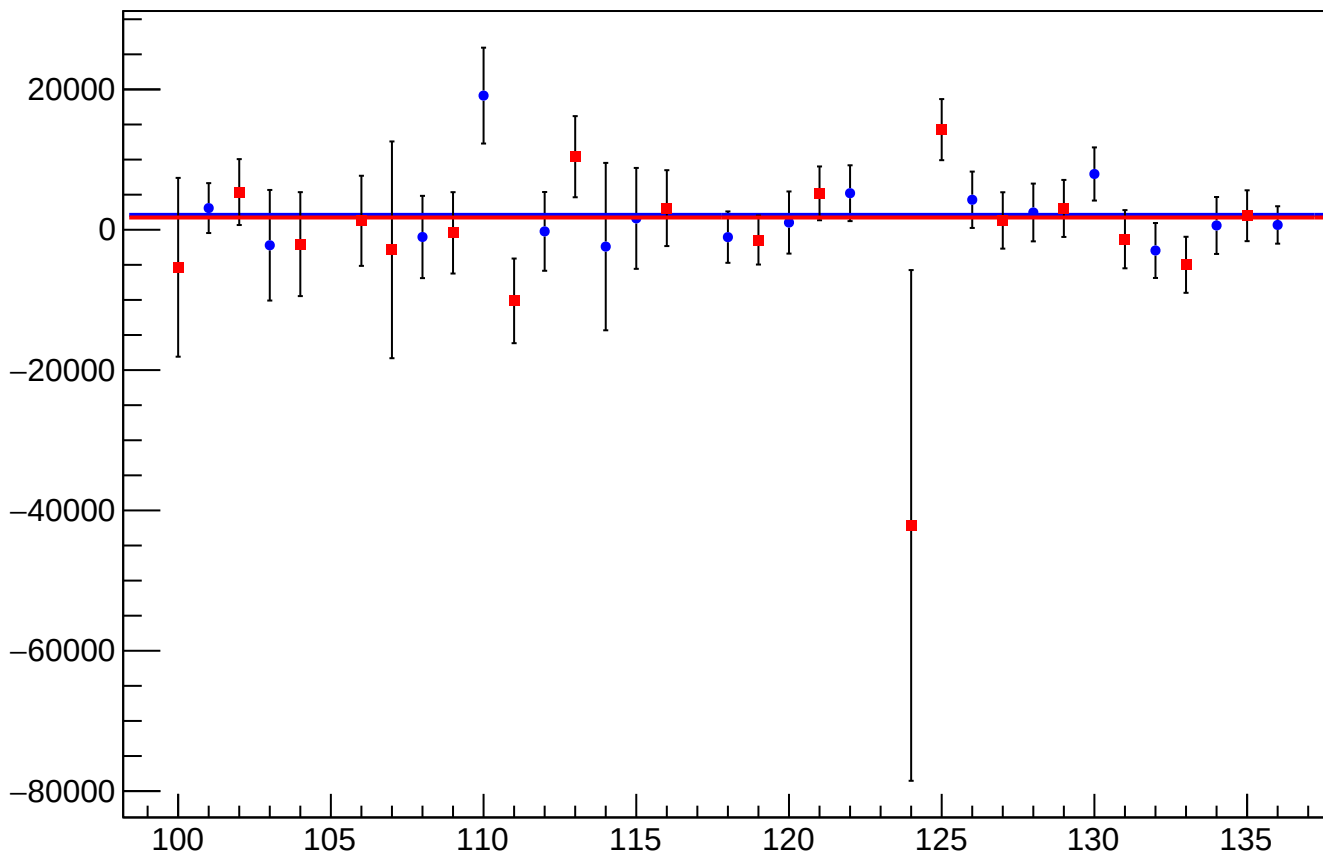
Right: 1081.653+/-0.220 χ^2/NDF : 4090544.5/32

In: 1038.804+/-0.292 χ^2/NDF : 1539724.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1081.653+/-0.220 χ^2/NDF : 4090544.5/32

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: 1746.522+/-1160.260 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

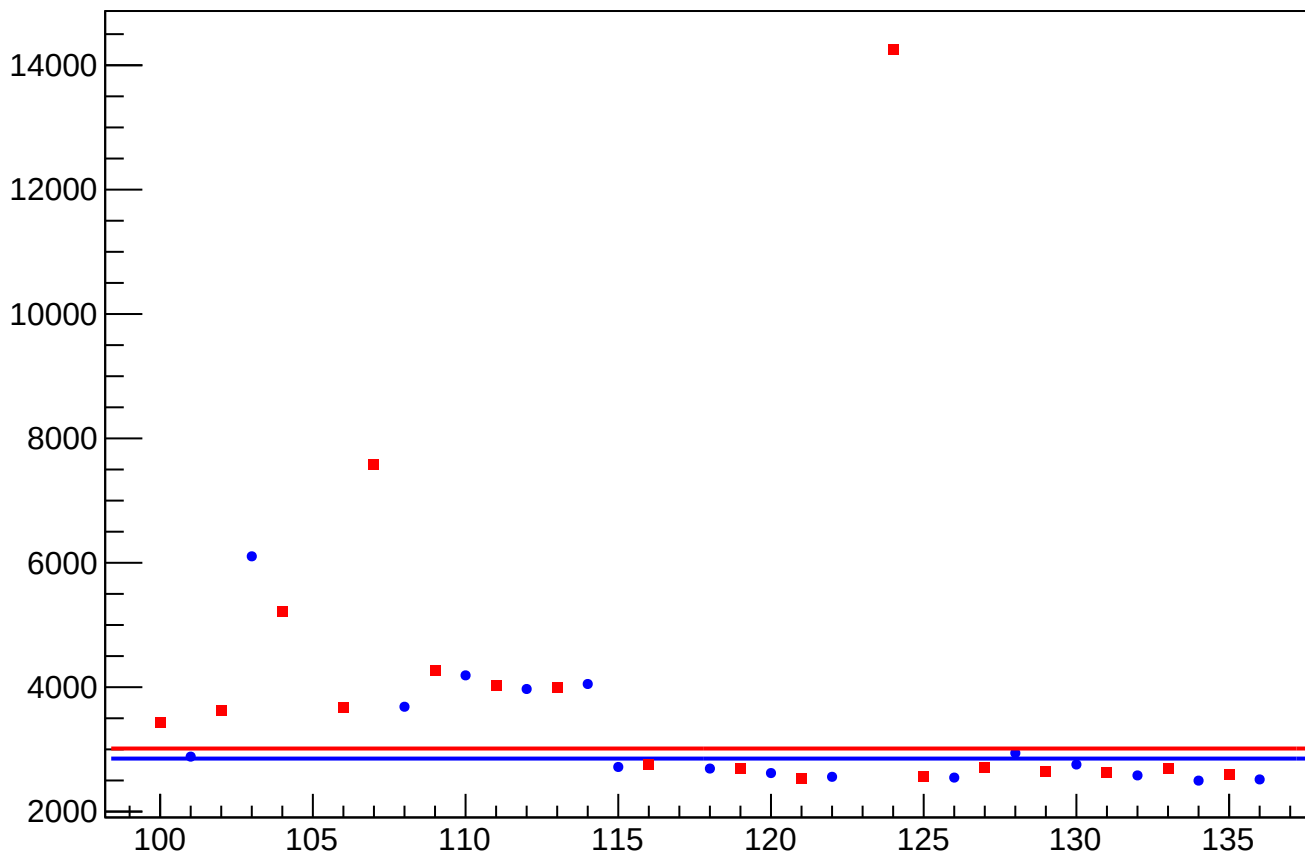
Right: 1946.880+/-792.365 χ^2/NDF : 35.9/33

In: 2121.991+/-1084.700 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1946.880+/-792.365 χ^2/NDF : 35.9/33

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: 3013.783+/-0.820 χ^2/NDF : 966793.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

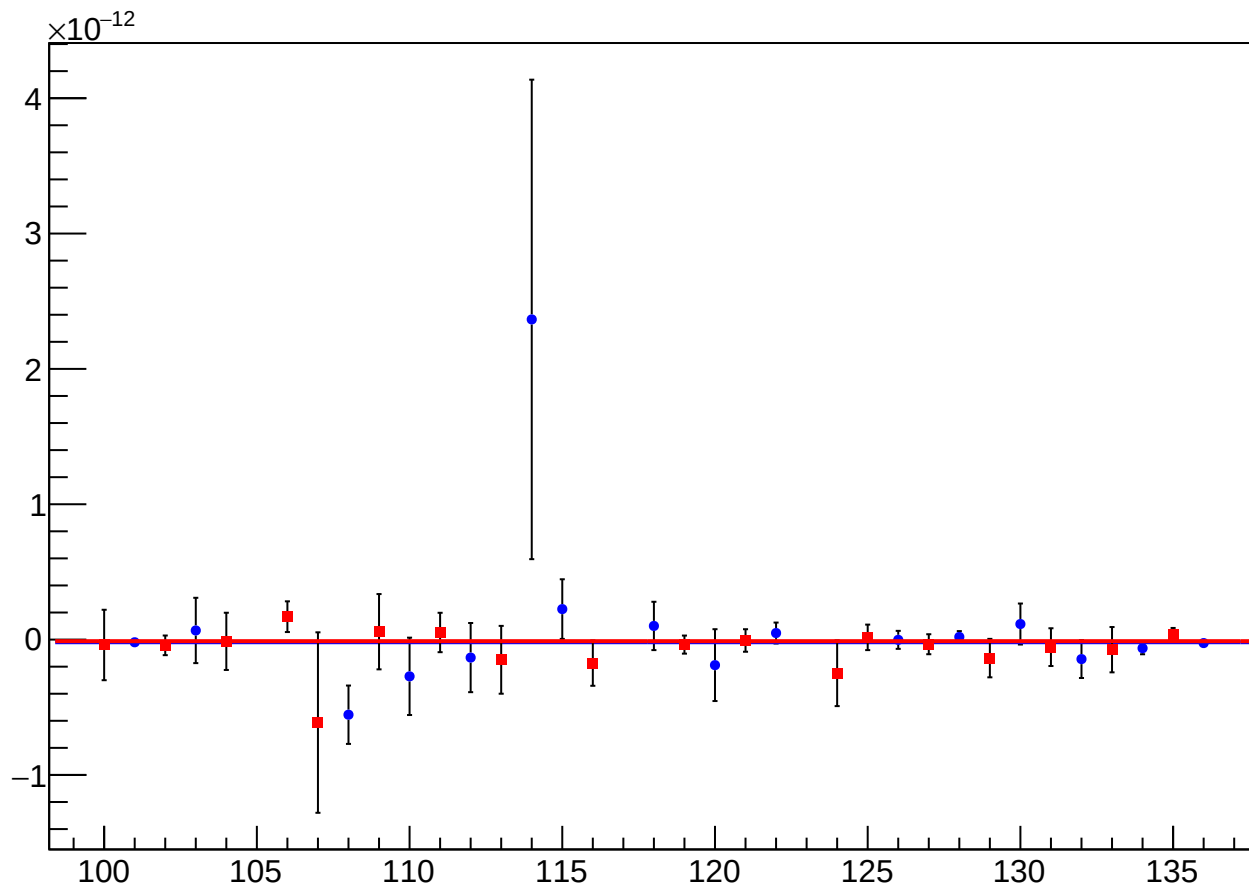
Right: 2927.562+/-0.560 χ^2/NDF : 1636205.6/33

In: 2852.206+/-0.767 χ^2/NDF : 648715.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2927.562+/-0.560 χ^2/NDF : 1636205.6/33

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 : 8.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

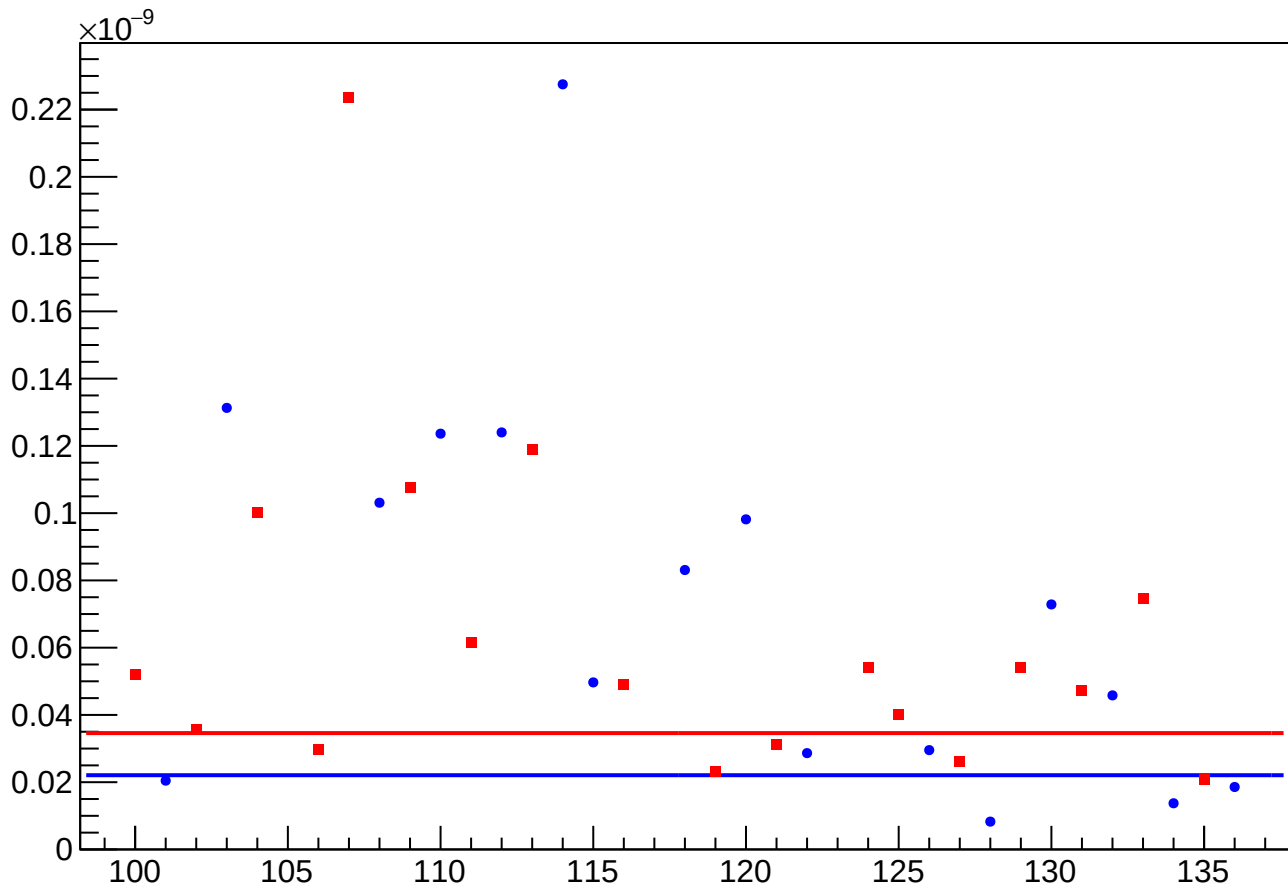
Right: -0.000+/-0.000 χ^2/NDF : 23.7/33

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 : 23.7/33

asym_atl1_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2344133.8/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1242749.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

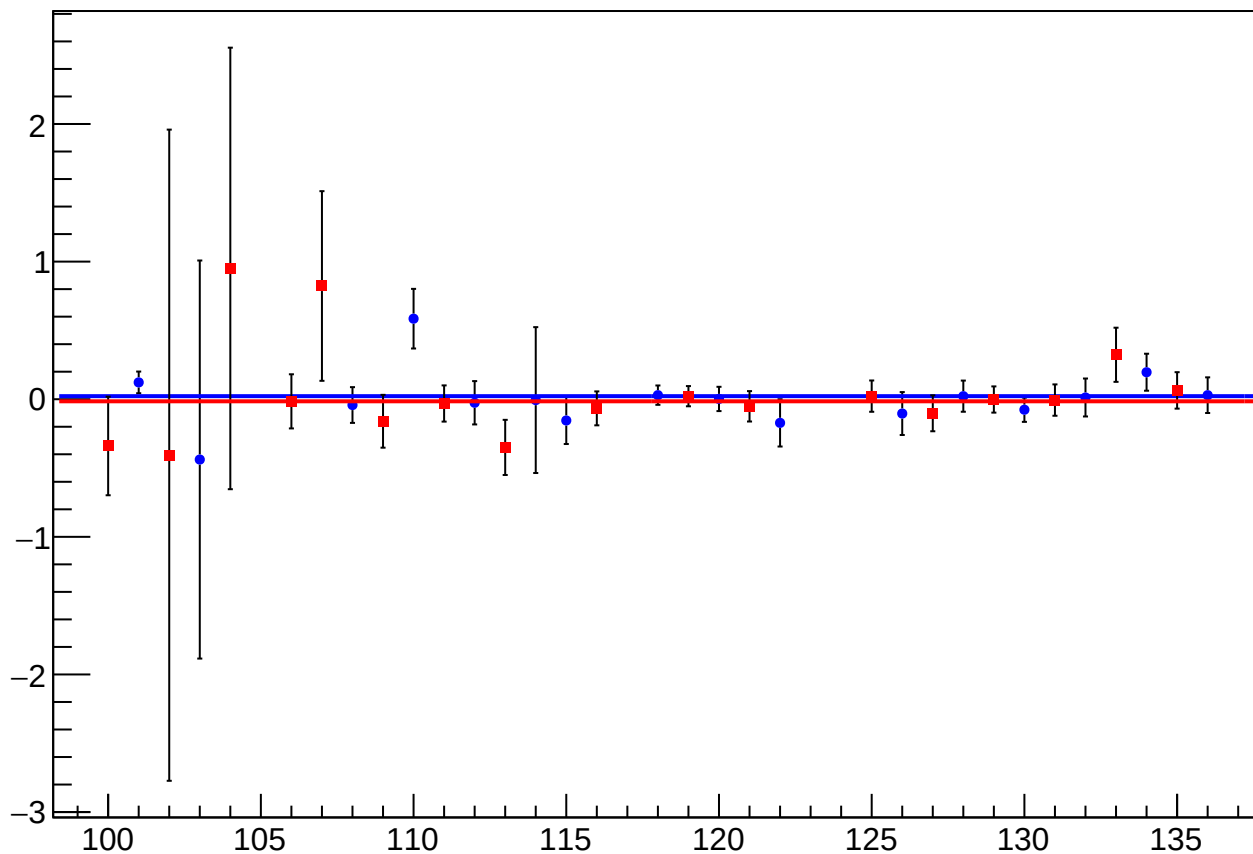
Right: 0.000+/-0.000 χ^2/NDF : 3932333.6/33

In: 0.000+/-0.000 χ^2/NDF : 2344133.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3932333.6/33

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: -0.015+/-0.034 χ^2/NDF : 10.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

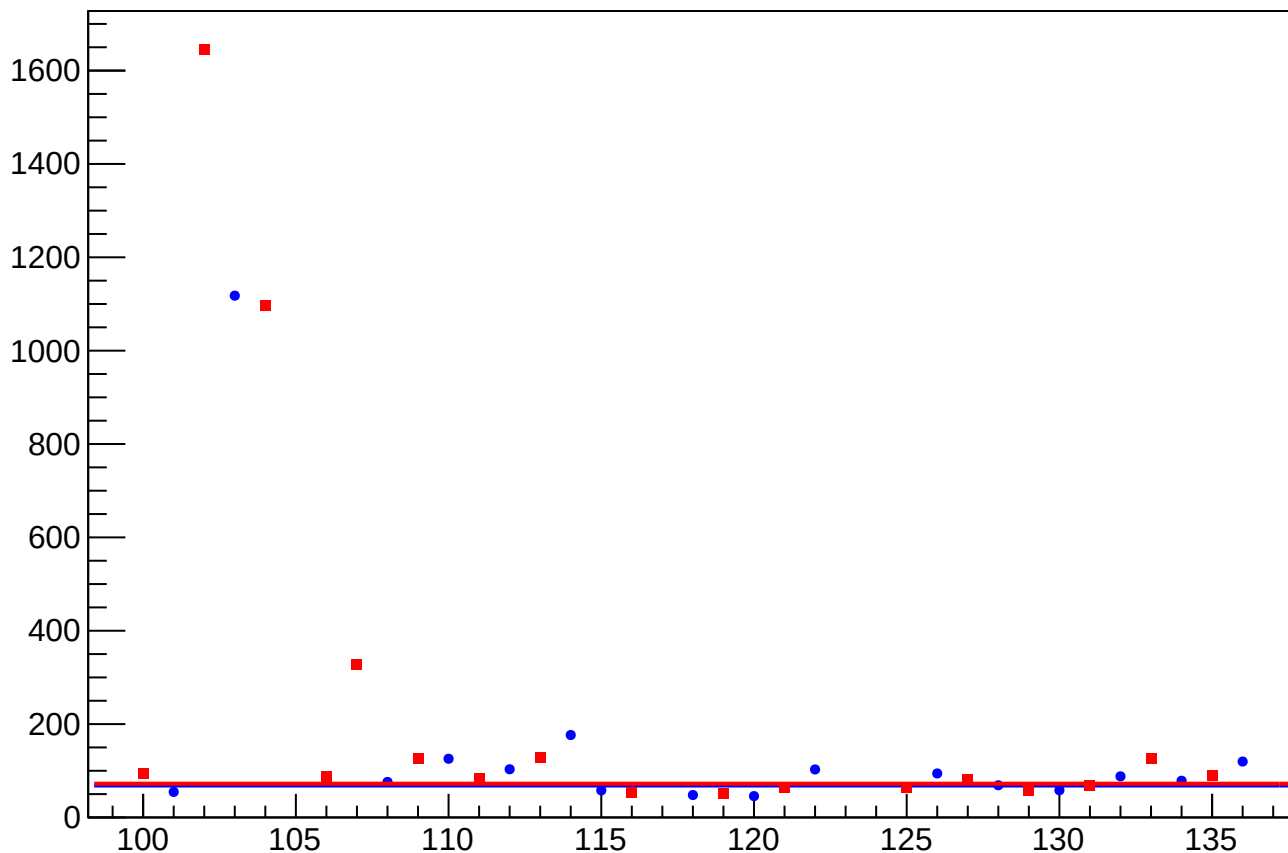
Right: 0.006+/-0.022 χ^2/NDF : 26.0/32

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 : 26.0/32

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: 72.354+/-0.024 χ^2/NDF : 2790279.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

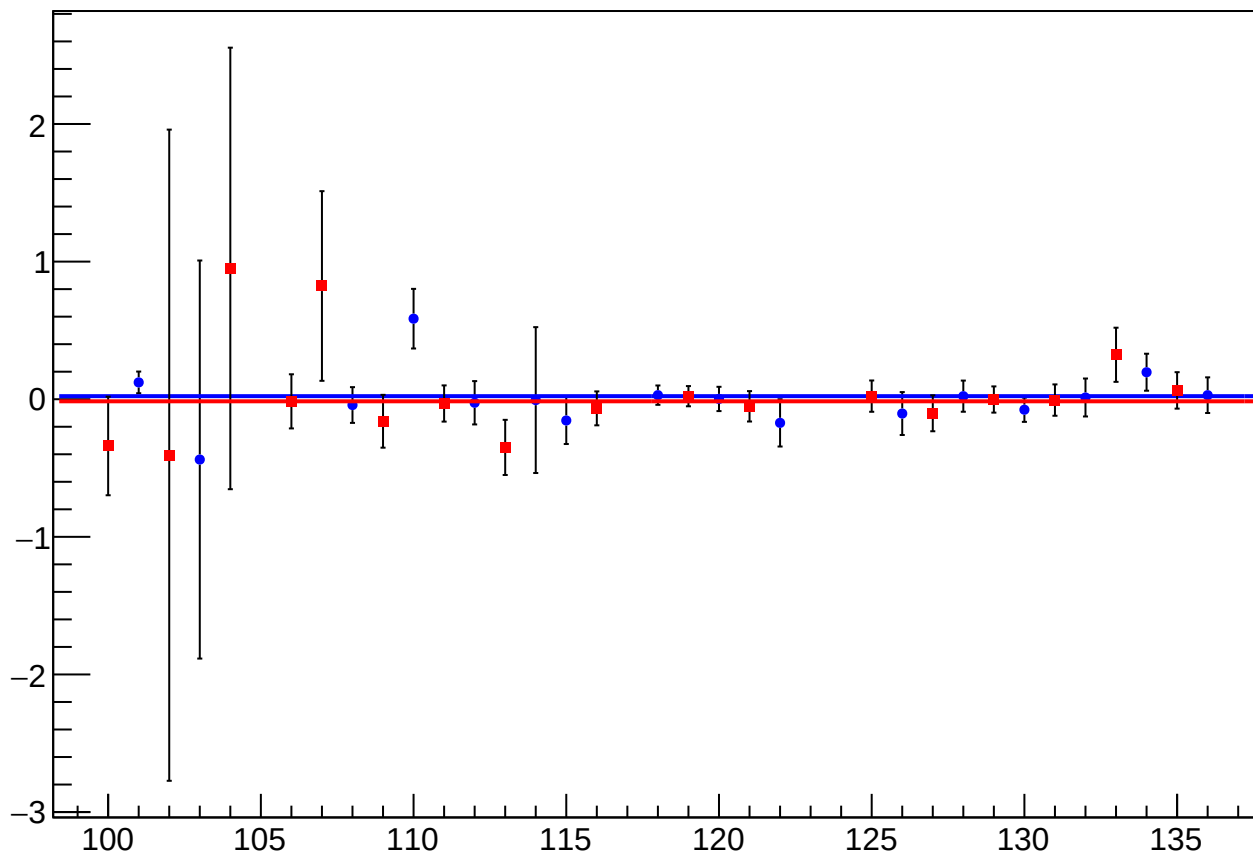
Right: 70.180+/-0.016 χ^2/NDF : 5083480.1/32

In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.180+/-0.016 χ^2/NDF : 5083480.1/32

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: -0.015+/-0.034 χ^2/NDF : 10.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

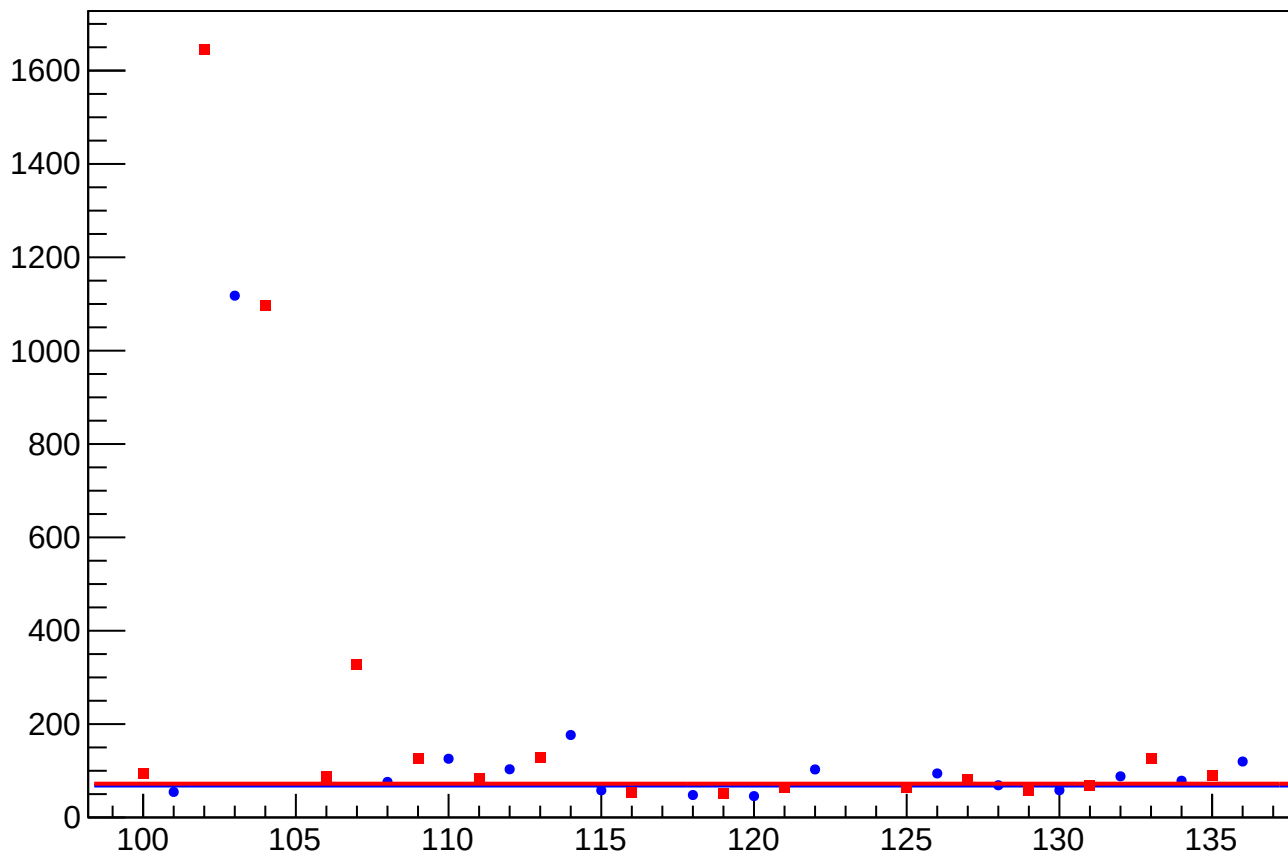
Right: 0.006+/-0.022 χ^2/NDF : 26.0/32

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 : 26.0/32

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: 72.354+/-0.024 χ^2/NDF : 2790279.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

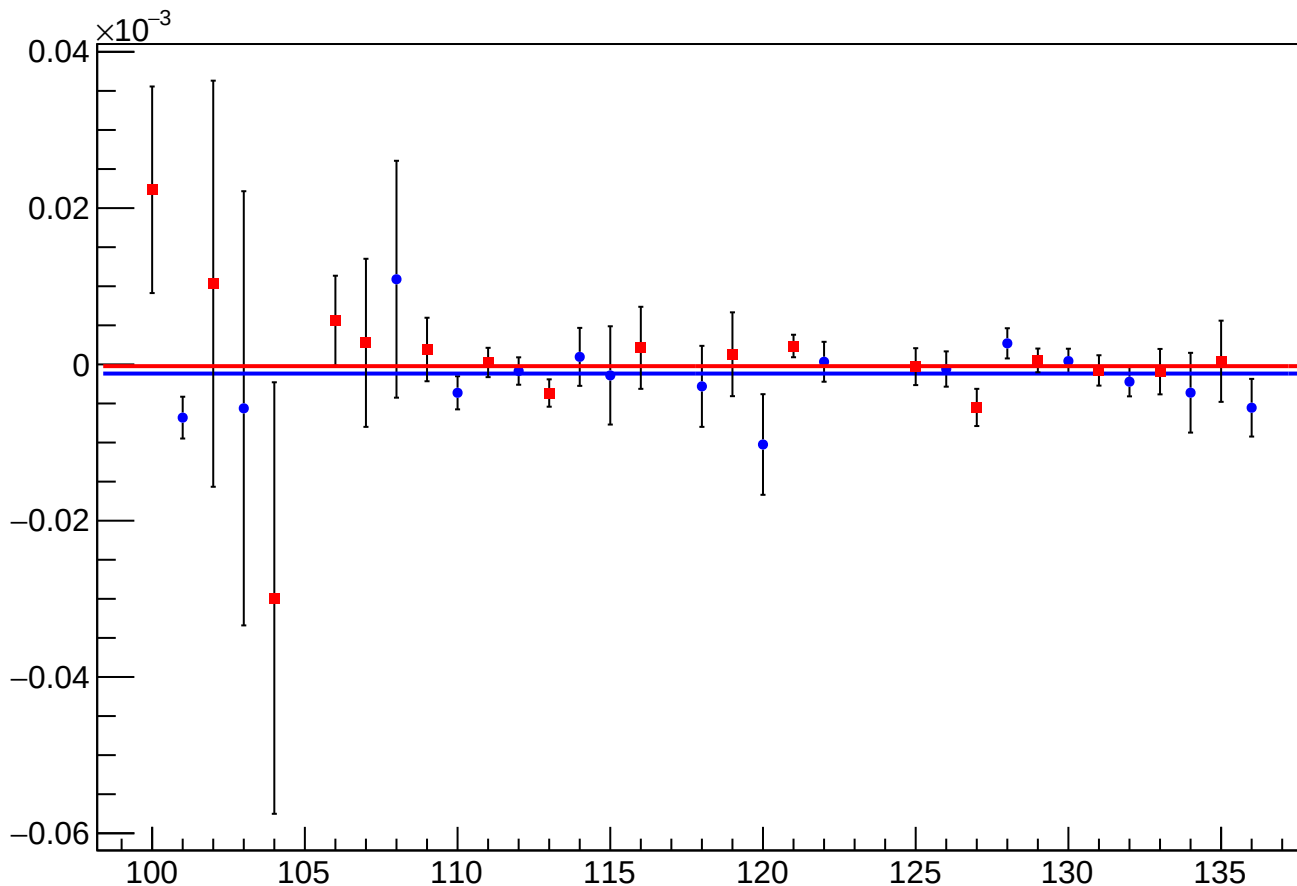
Right: 70.180+/-0.016 χ^2/NDF : 5083480.1/32

In: 68.429+/-0.021 χ^2/NDF : 2278083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.180+/-0.016 χ^2/NDF : 5083480.1/32

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 : 18.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

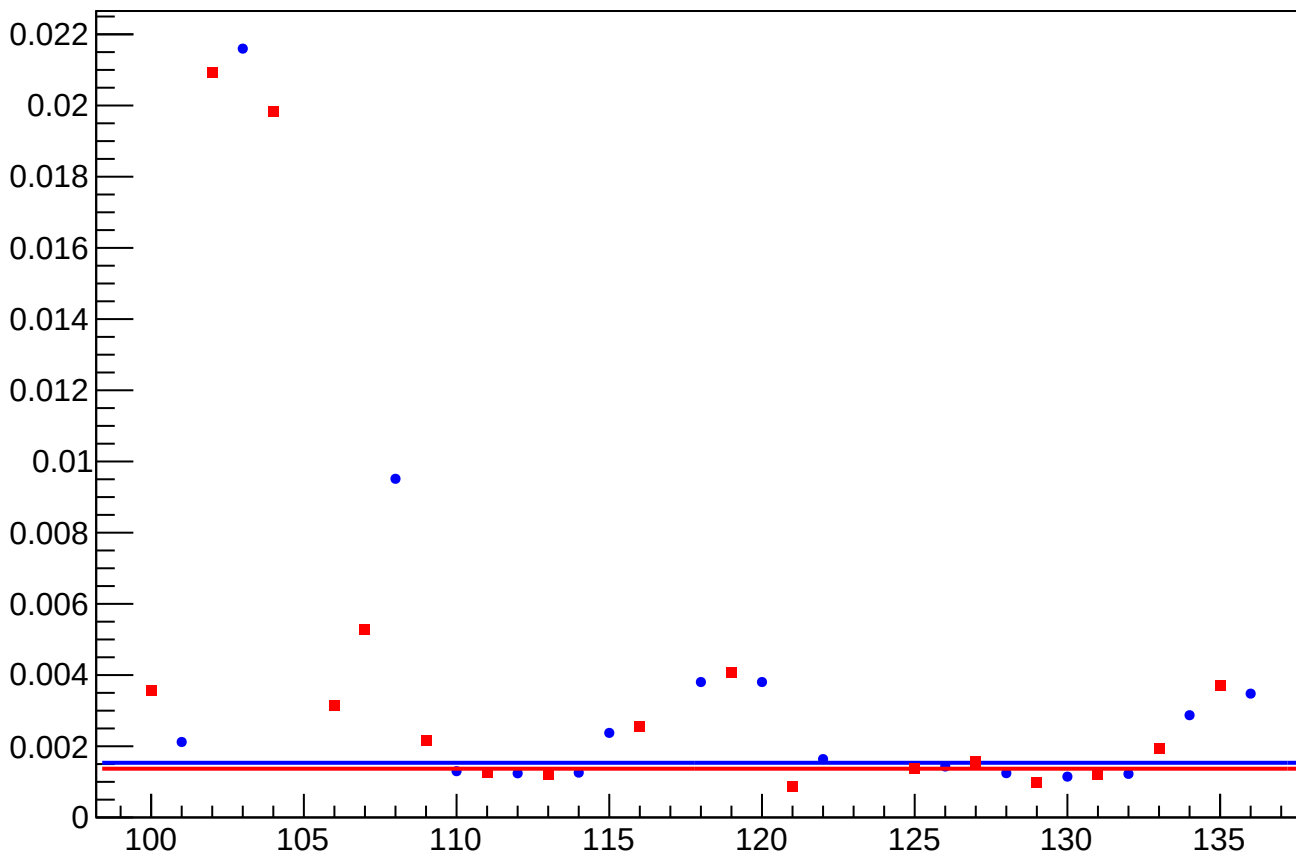
Right: -0.000+/-0.000 χ^2/NDF : 35.7/32

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 : 35.7/32

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 : 4115737.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

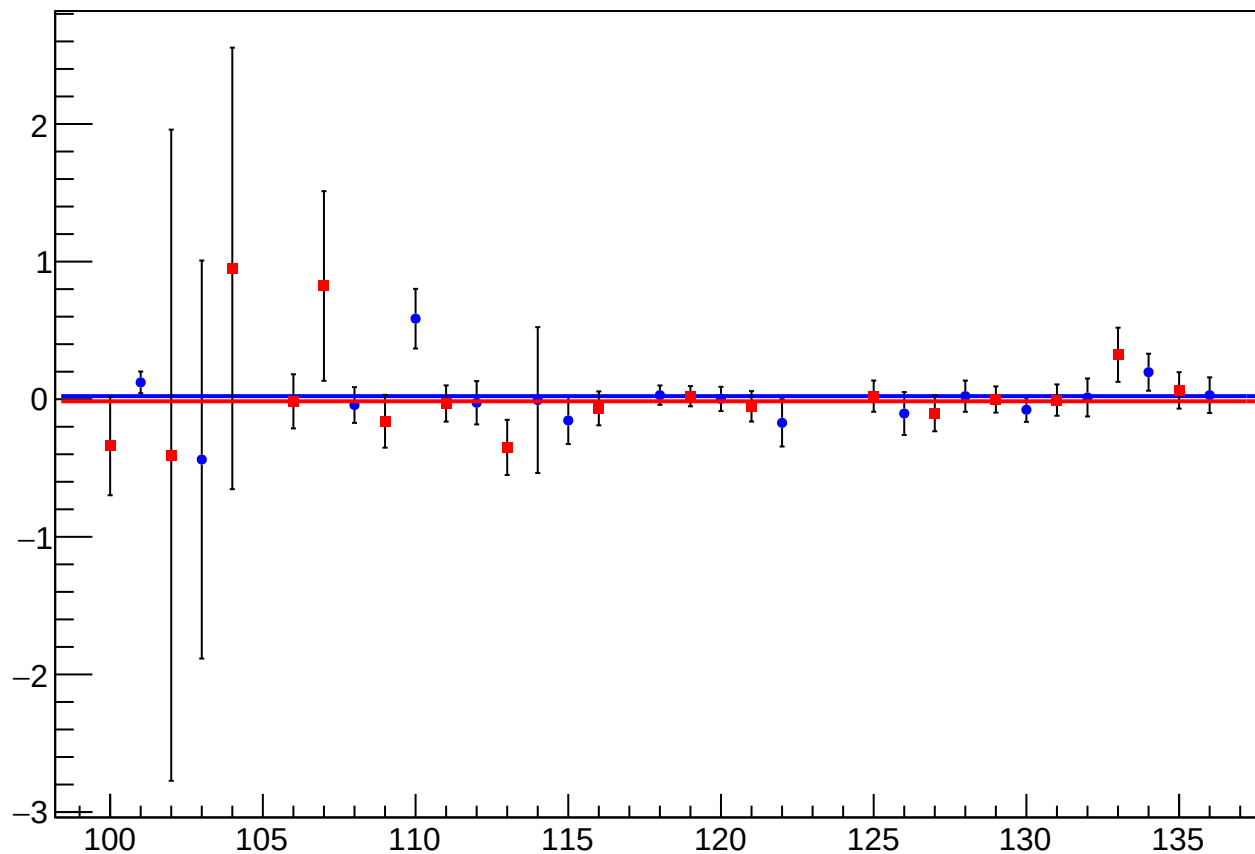
Right: 0.001+/-0.000 χ^2/NDF : 7554908.3/32

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 : 7554908.3/32

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: -0.015+/-0.034 χ^2/NDF : 10.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

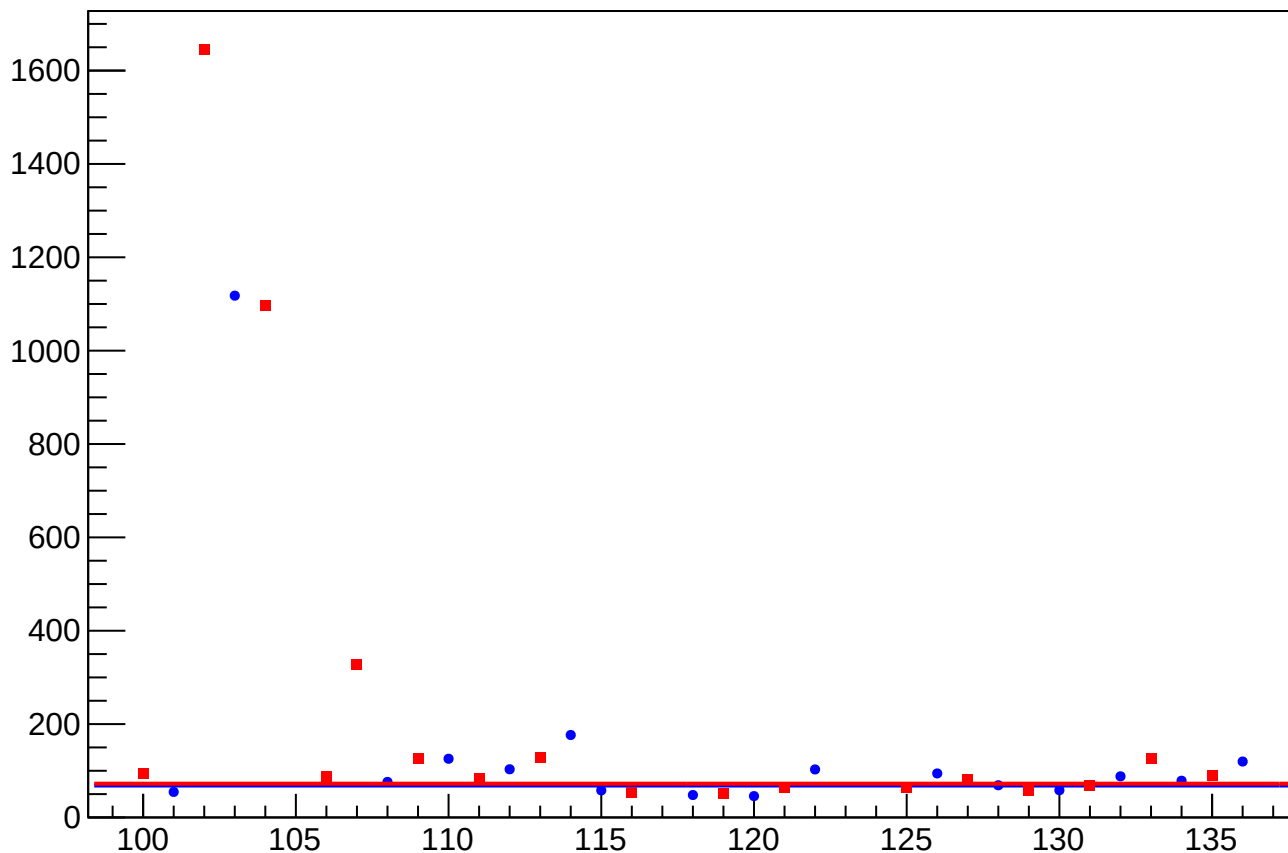
Right: 0.006+/-0.022 χ^2/NDF : 26.0/32

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 : 26.0/32

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: 72.354+/-0.024 χ^2/NDF : 2790293.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

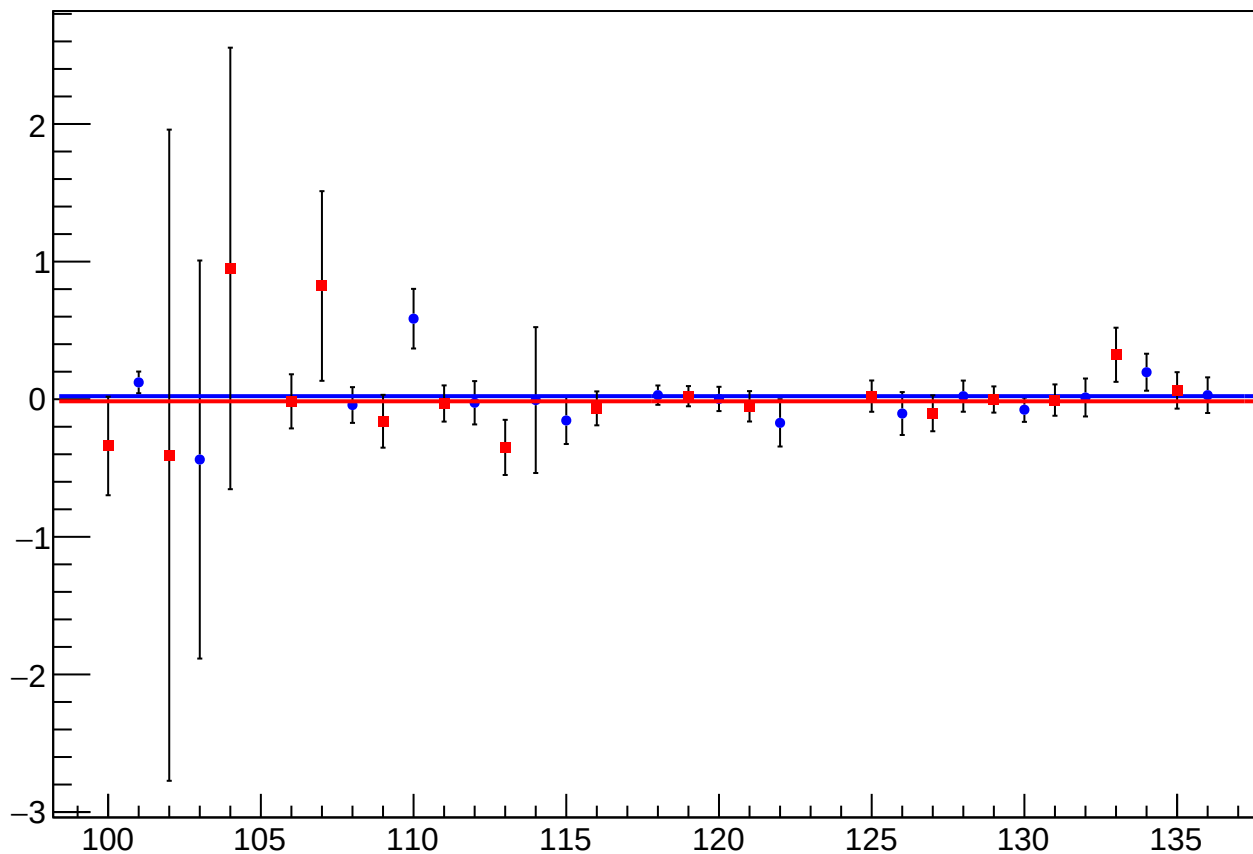
Right: 70.179+/-0.016 χ^2/NDF : 5083582.4/32

In: 68.428+/-0.021 χ^2/NDF : 2278168.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.179+/-0.016 χ^2/NDF : 5083582.4/32

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: -0.015+/-0.034 χ^2/NDF : 10.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

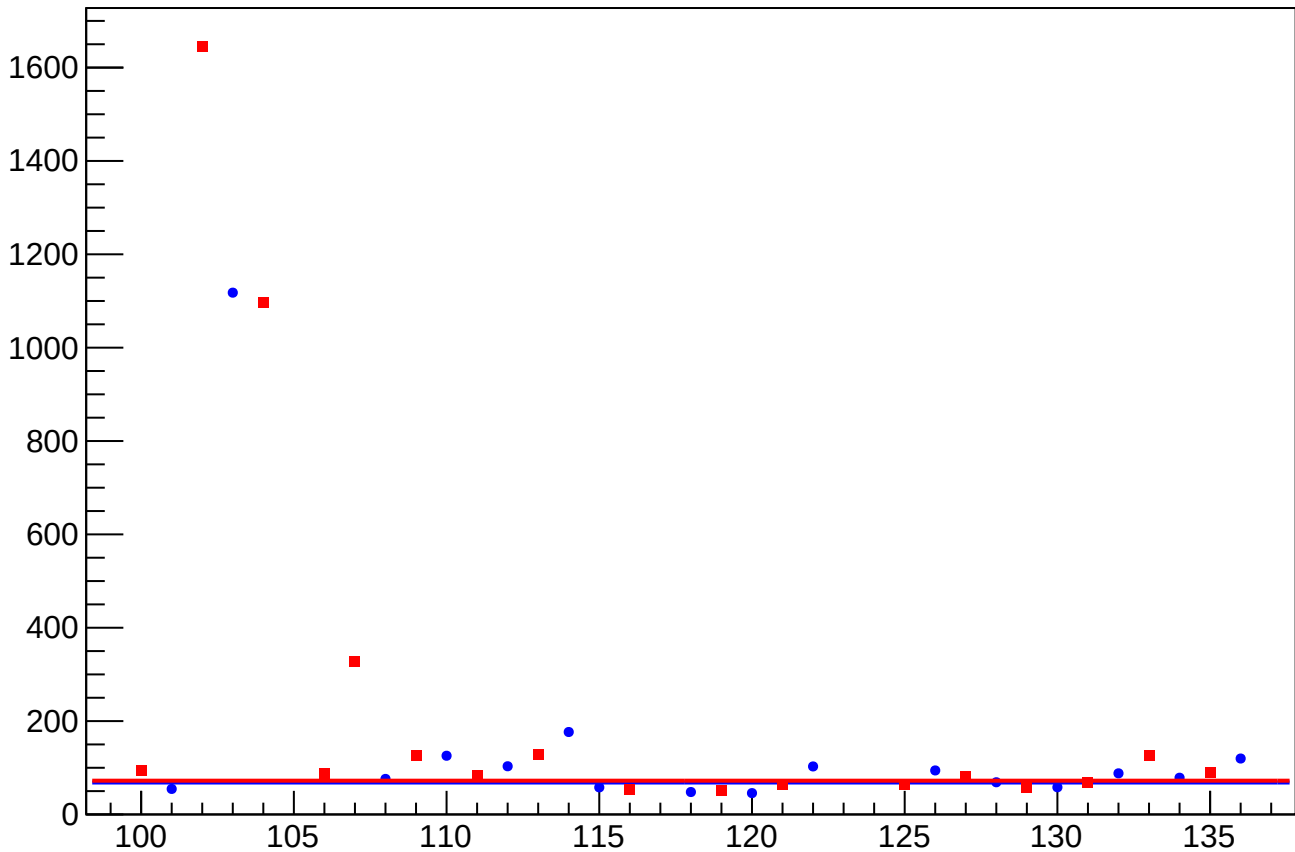
Right: 0.006+/-0.022 χ^2/NDF : 26.0/32

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 : 26.0/32

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: 72.354+/-0.024 χ^2/NDF : 2790293.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

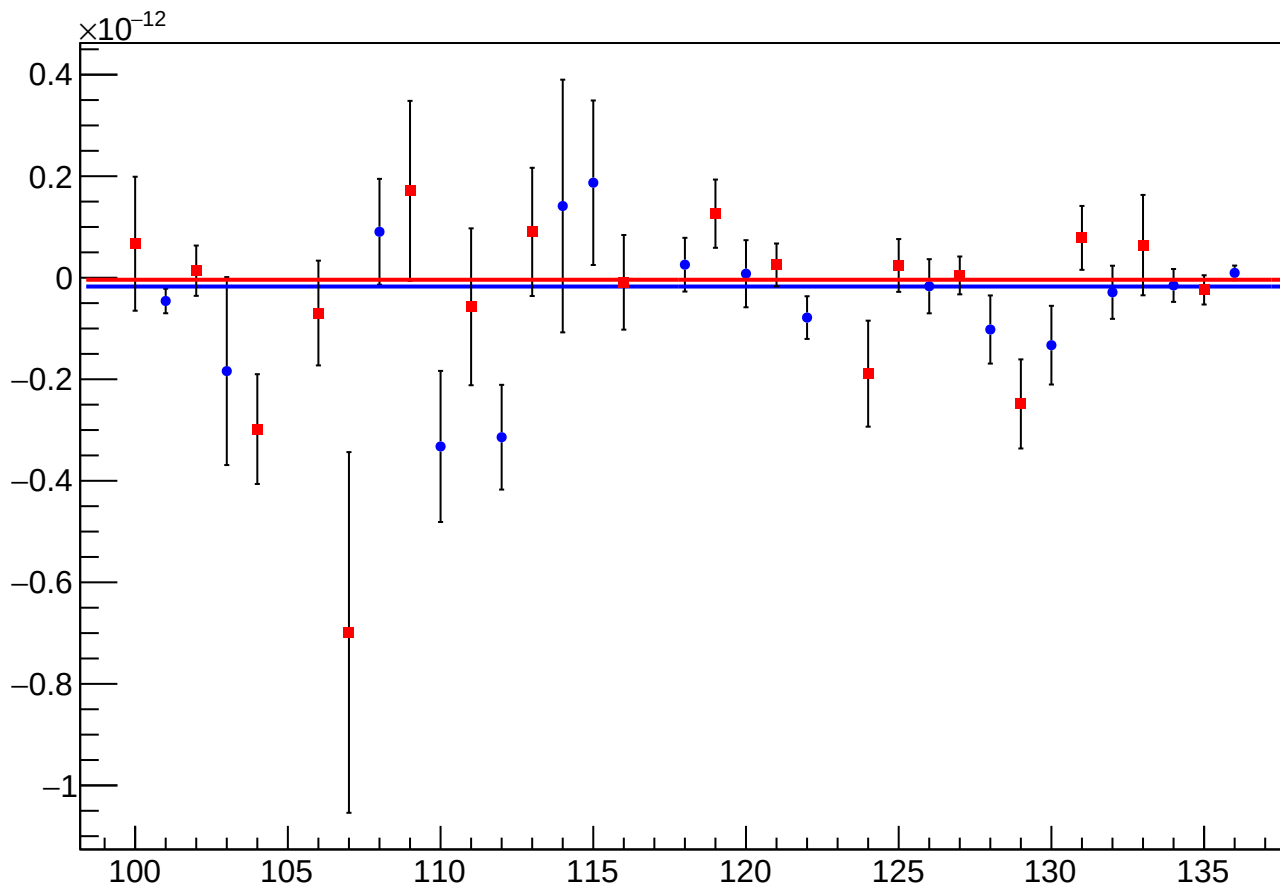
Right: 70.179+/-0.016 χ^2/NDF : 5083582.4/32

In: 68.428+/-0.021 χ^2/NDF : 2278168.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.179+/-0.016 χ^2/NDF : 5083582.4/32

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 : 31.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

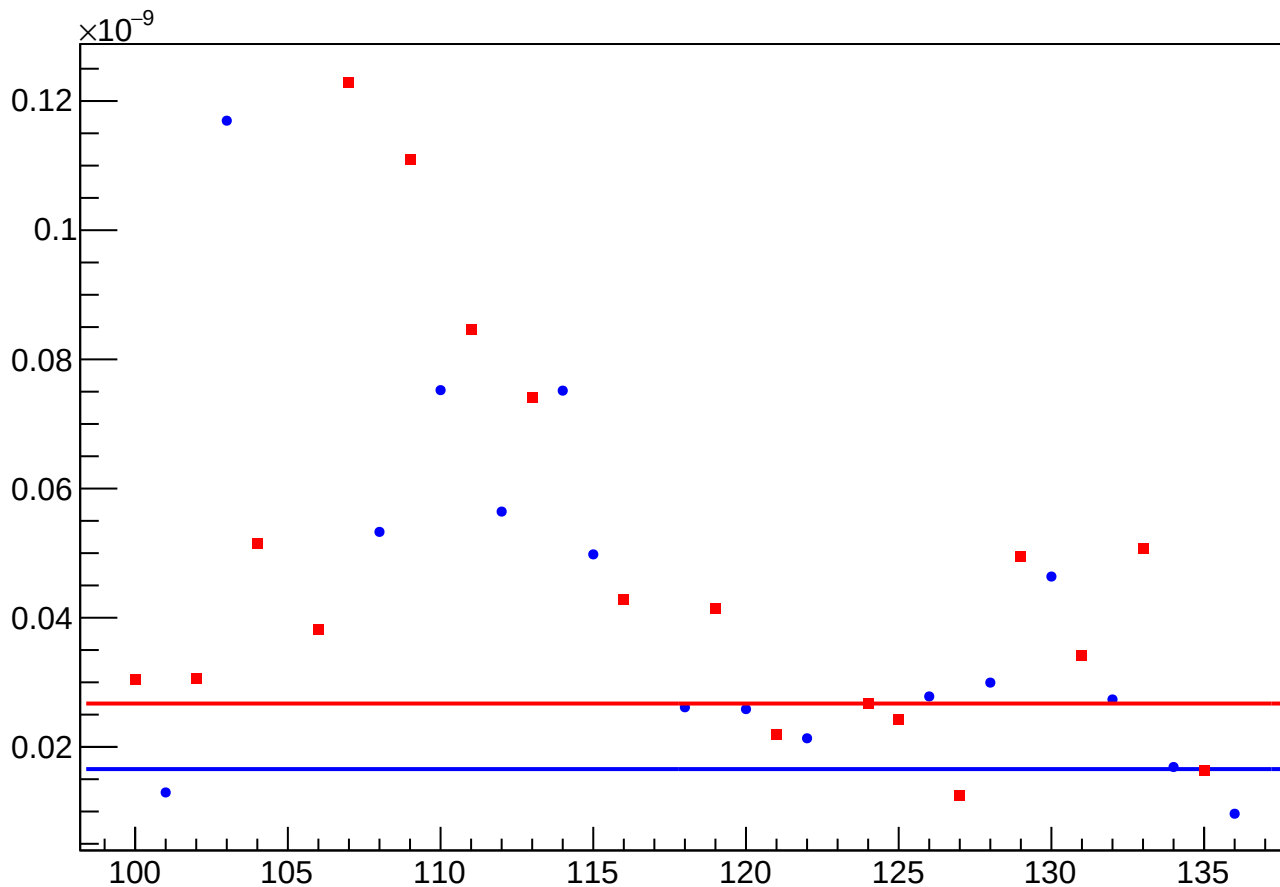
Right: -0.000+/-0.000 χ^2/NDF : 60.7/33

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 : 60.7/33

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 : 2317901.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

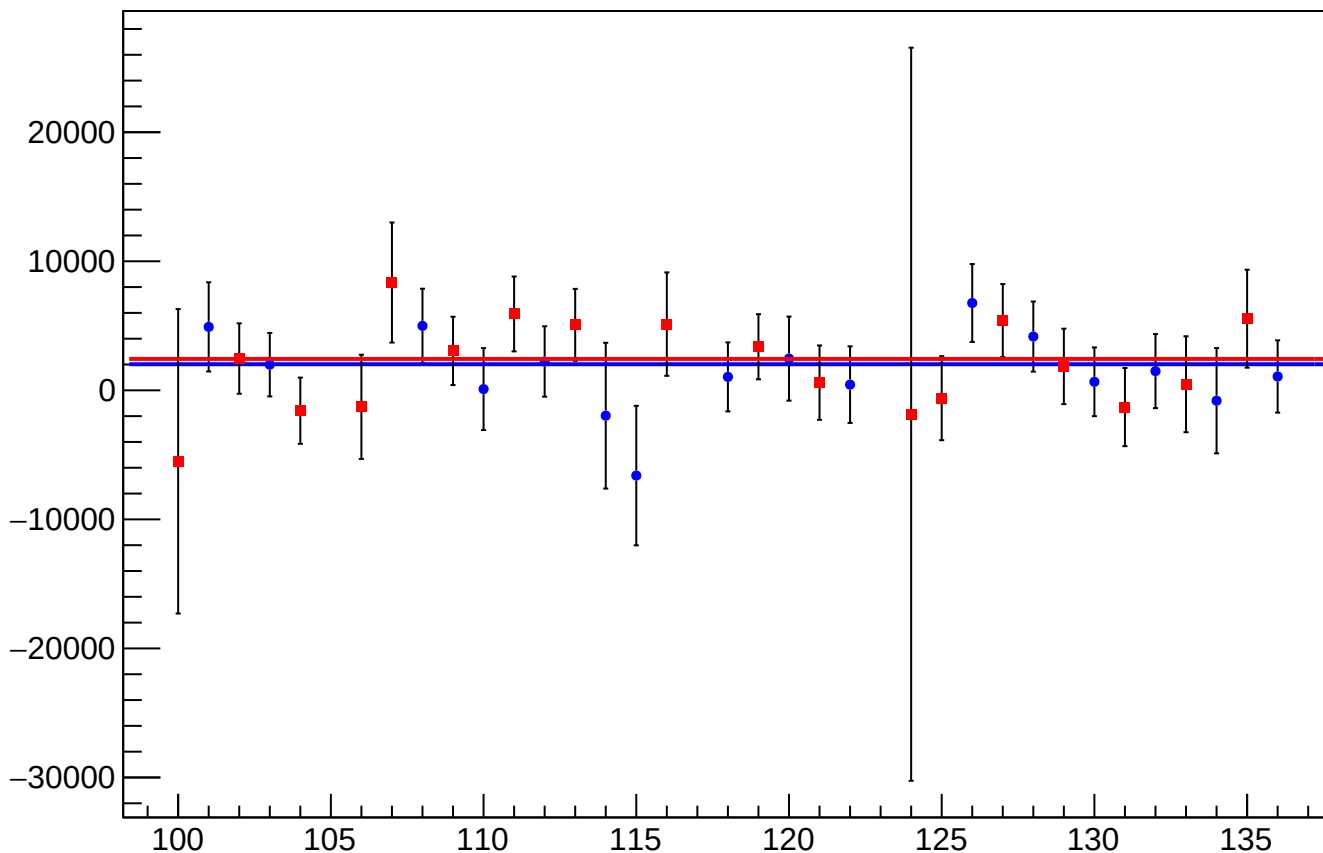
Right: 0.000+/-0.000 χ^2/NDF : 5786841.3/33

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 : 5786841.3/33

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: 2433.470+/-762.473 χ^2/NDF : 13.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

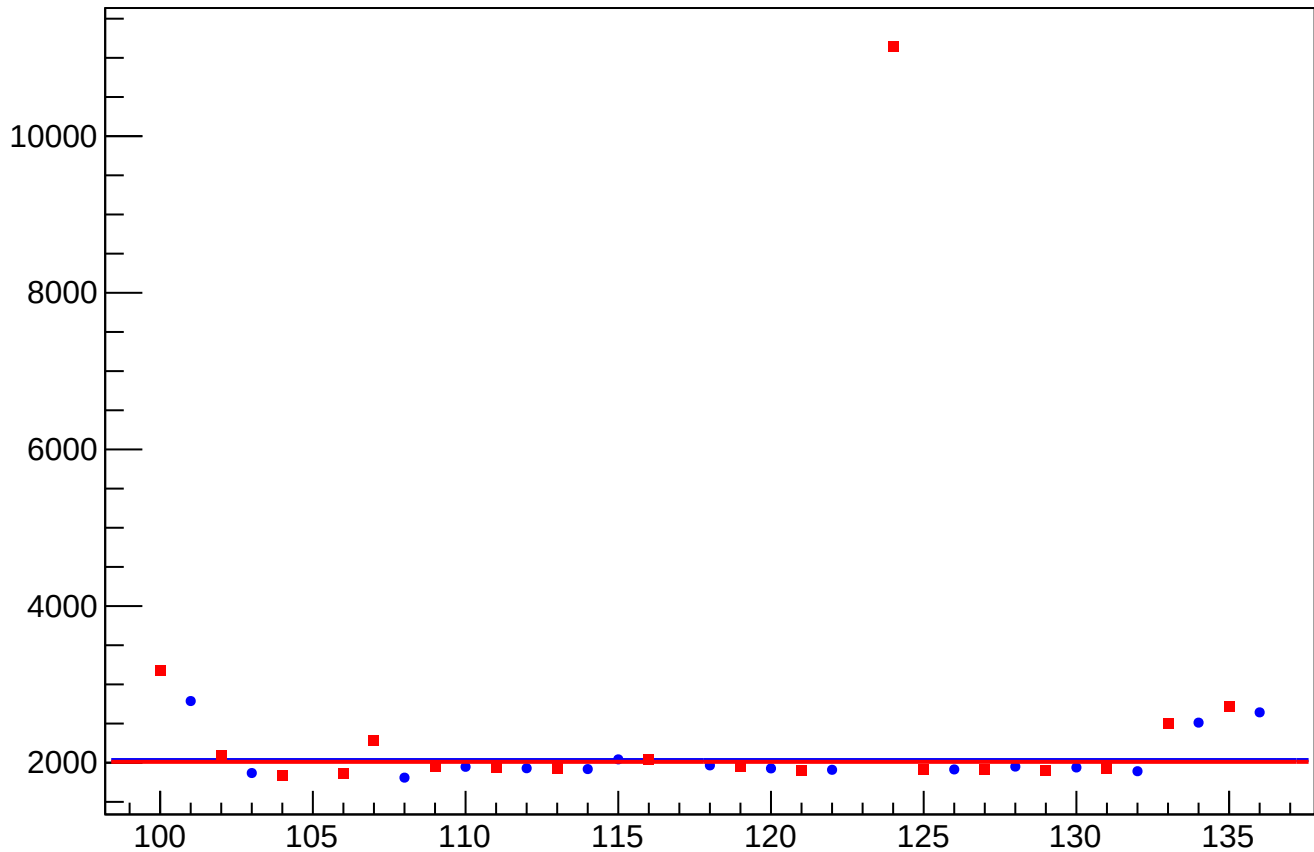
Right: 2228.587+/-539.815 χ^2/NDF : 23.0/33

In: 2022.690+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2228.587+/-539.815 χ^2/NDF : 23.0/33

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: 2011.039+/-0.539 χ^2/NDF : 367369.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

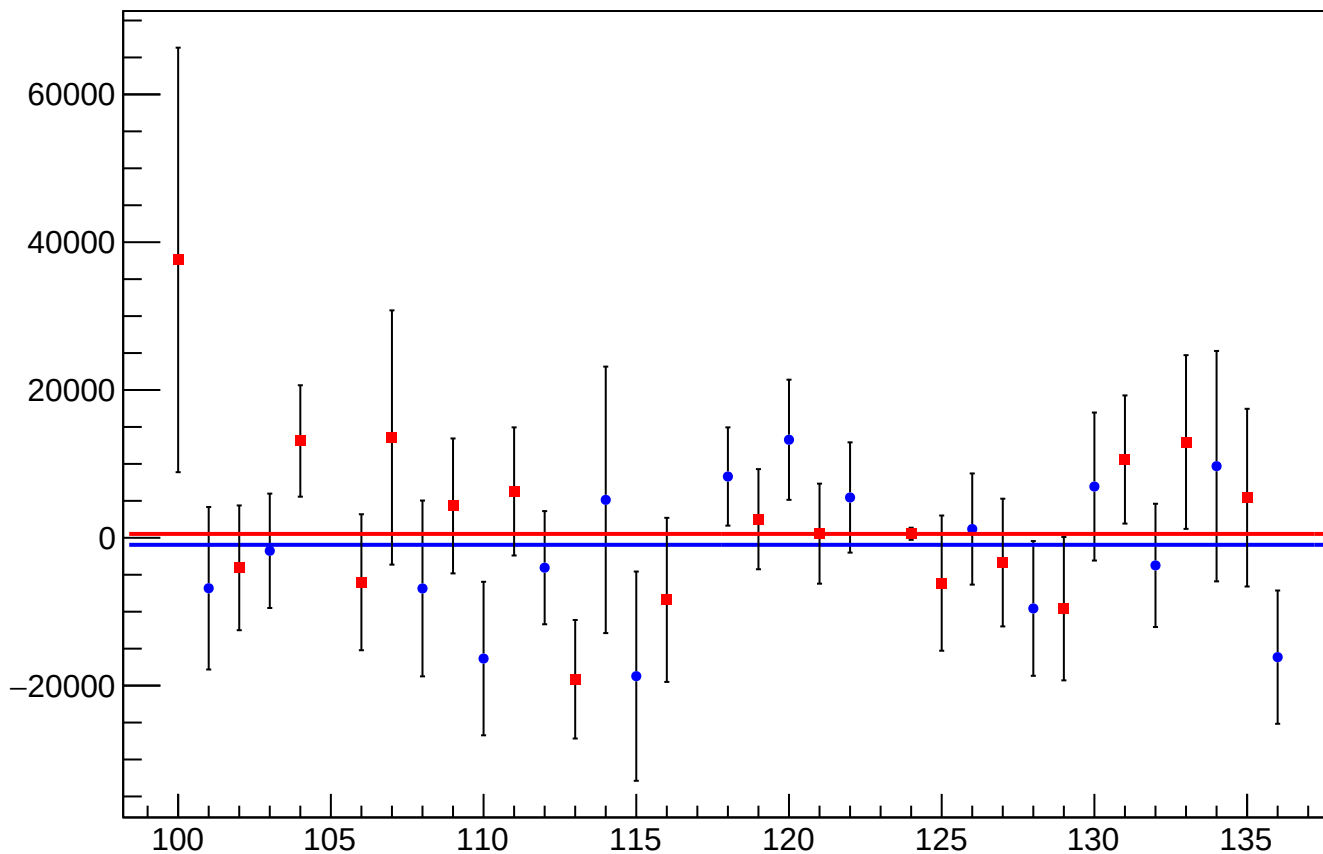
Right: 2022.570+/-0.382 χ^2/NDF : 631247.1/33

In: 2034.159+/-0.540 χ^2/NDF : 262960.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.570+/-0.382 χ^2/NDF : 631247.1/33

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: 525.751+/-768.923 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

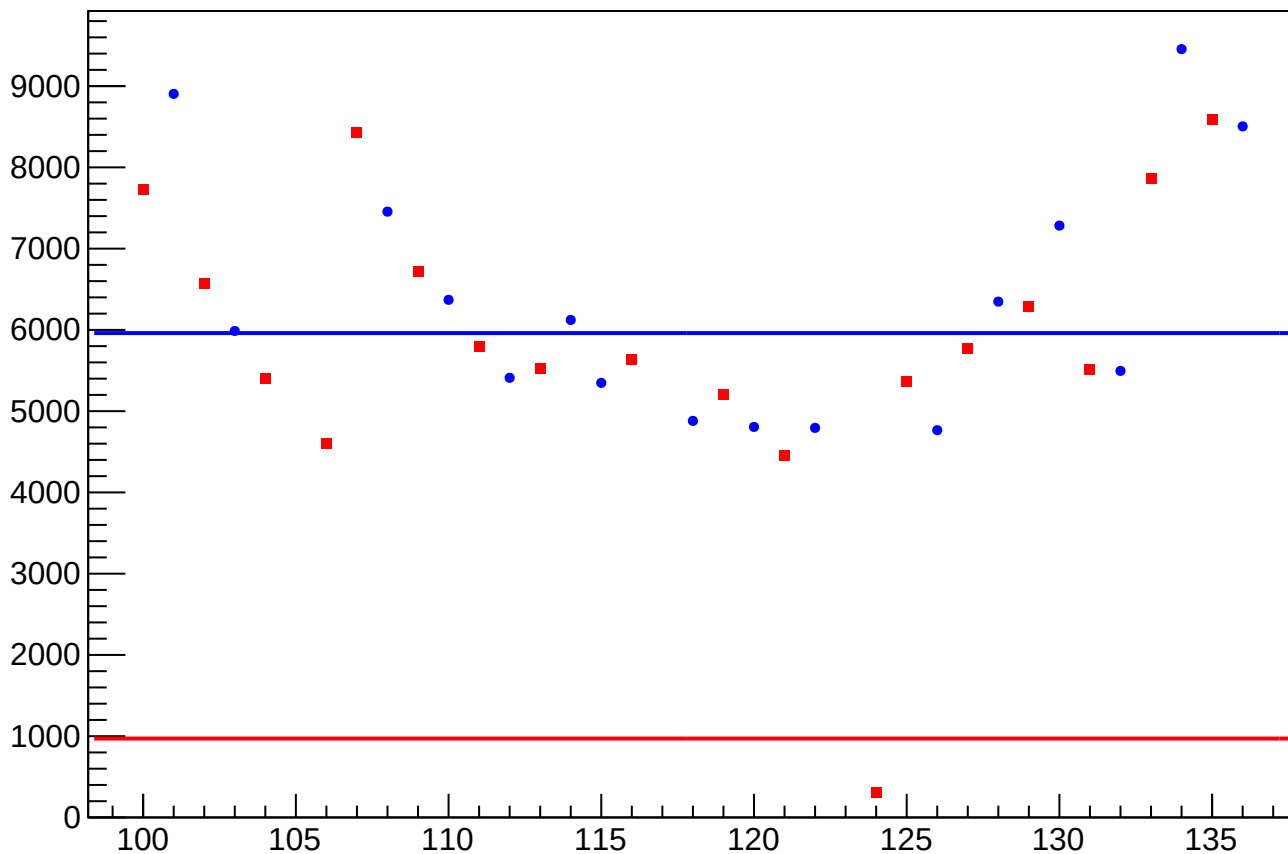
Right: 374.818+/-728.557 χ^2/NDF : 33.3/33

In: -950.519+/-2278.532 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 374.818+/-728.557 χ^2/NDF : 33.3/33

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: 970.858+/-0.544 χ^2/NDF : 11099589.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

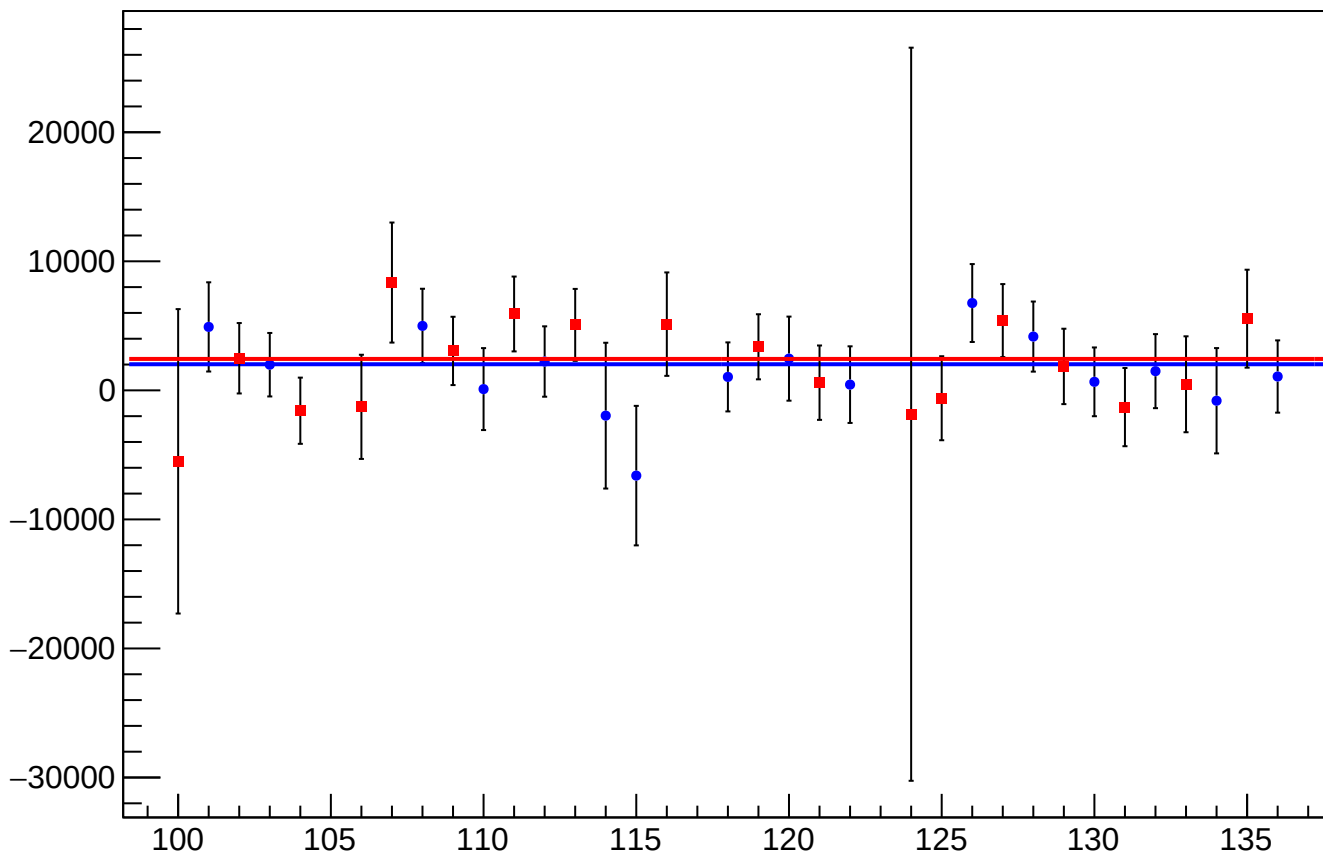
Right: 1481.025+/-0.515 χ^2/NDF : 20400218.9/33

In: 5960.802+/-1.611 χ^2/NDF : 689267.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1481.025+/-0.515 χ^2/NDF : 20400218.9/33

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: 2435.317+/-762.480 χ^2/NDF : 13.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

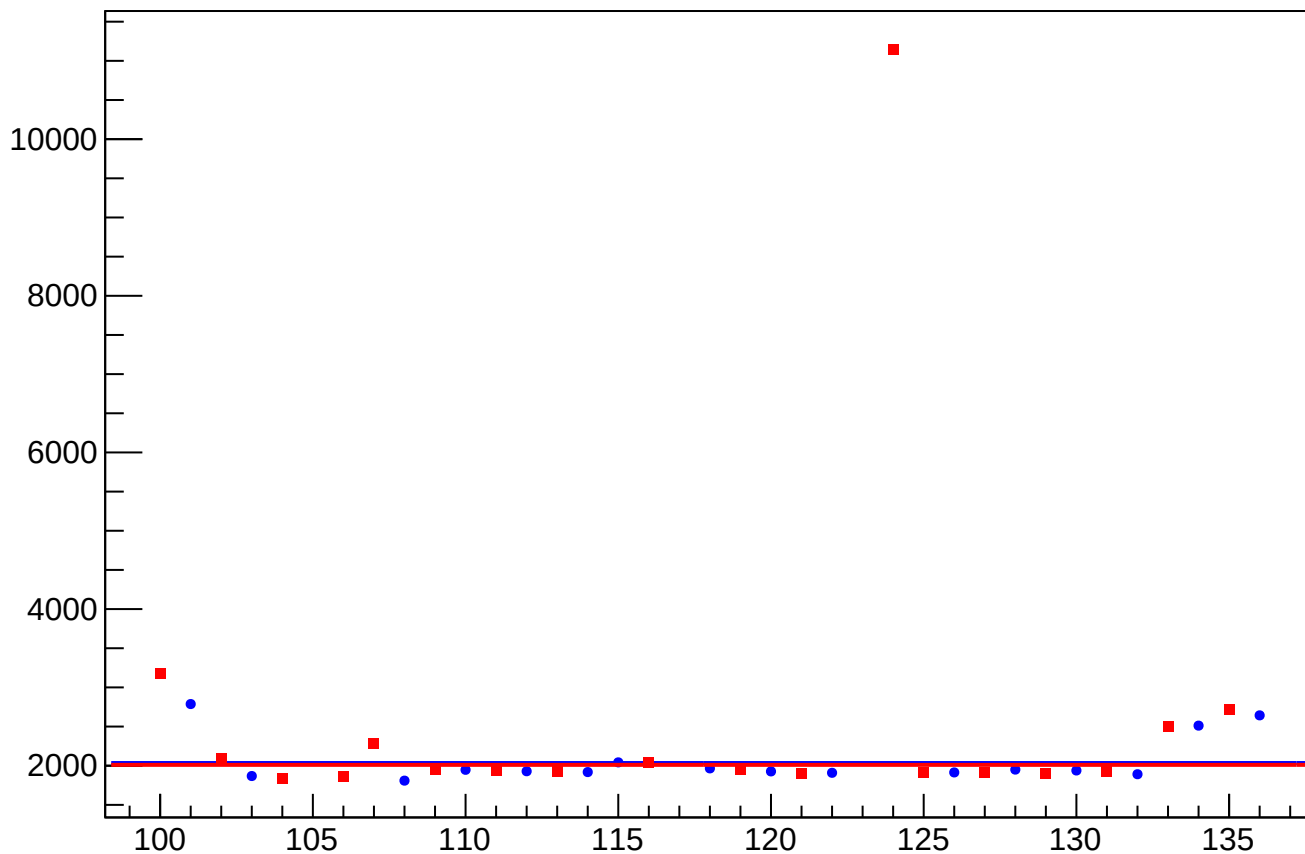
Right: 2229.574+/-539.817 χ^2/NDF : 23.0/33

In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.574+/-539.817 χ^2/NDF : 23.0/33

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: 2011.061+/-0.539 χ^2/NDF : 367382.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

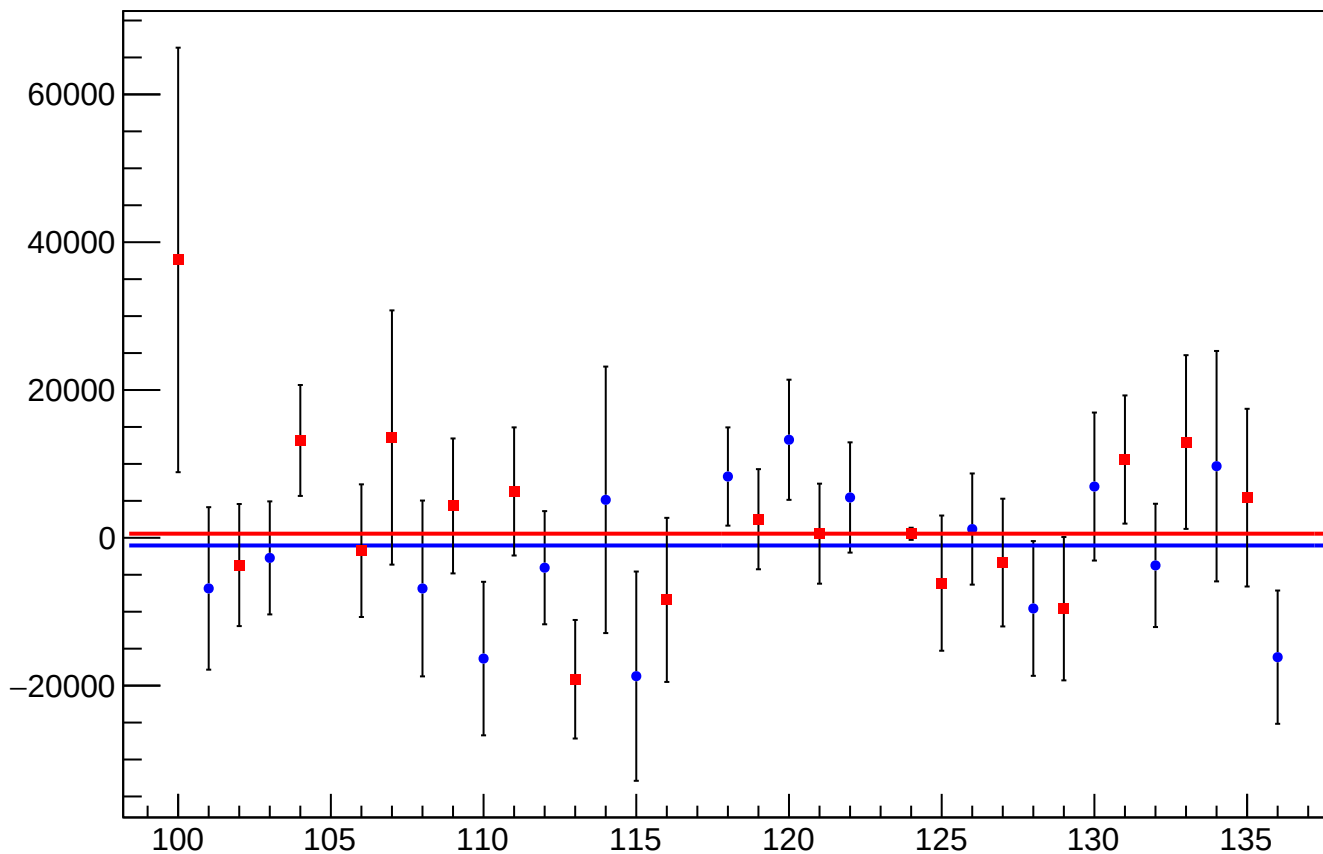
Right: 2022.581+/-0.382 χ^2/NDF : 631258.4/33

In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.581+/-0.382 χ^2/NDF : 631258.4/33

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: 559.093 $\pm$ 768.583 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

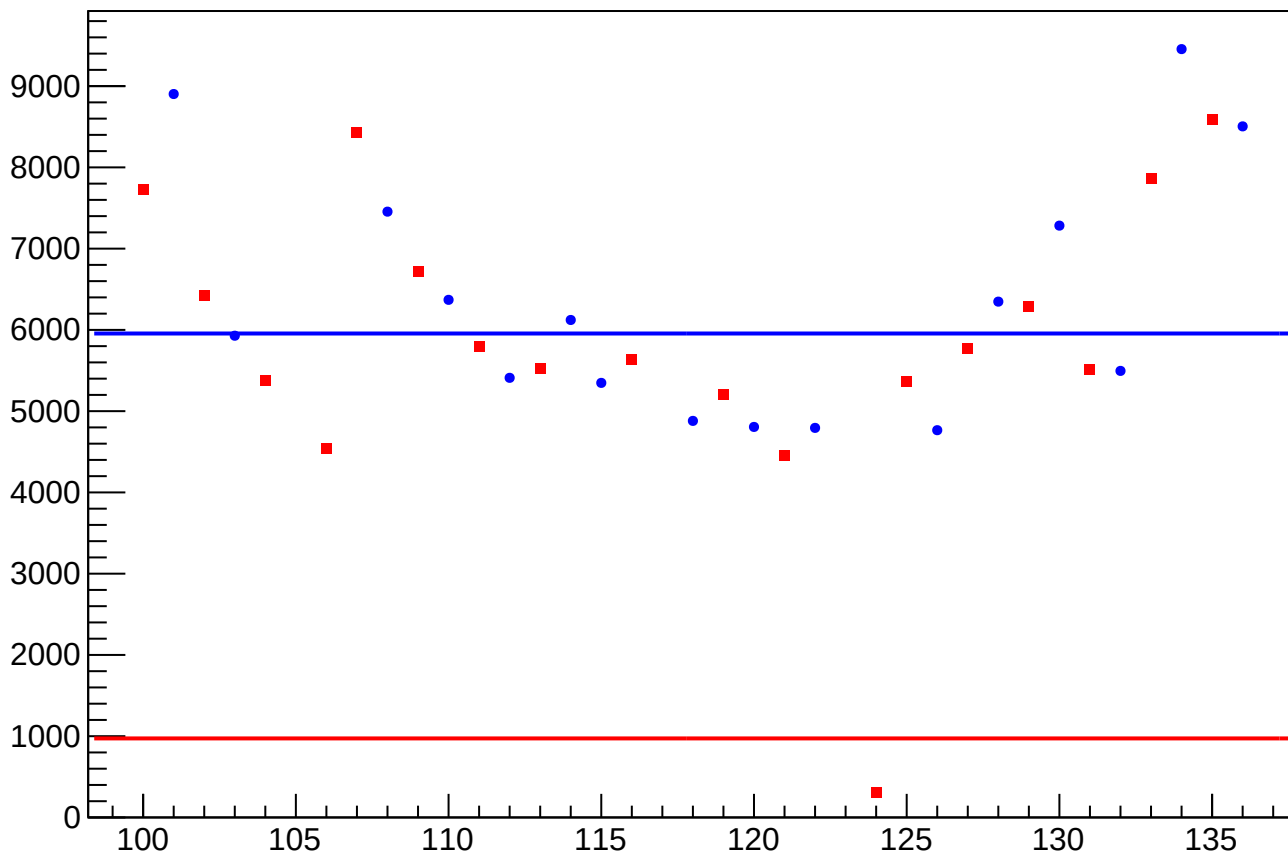
Right: 395.641 $\pm$ 728.190 χ^2 /NDF: 33.0/33

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: 395.641 $\pm$ 728.190 χ^2 /NDF: 33.0/33

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: 972.600+/-0.543 χ^2/NDF : 11095888.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

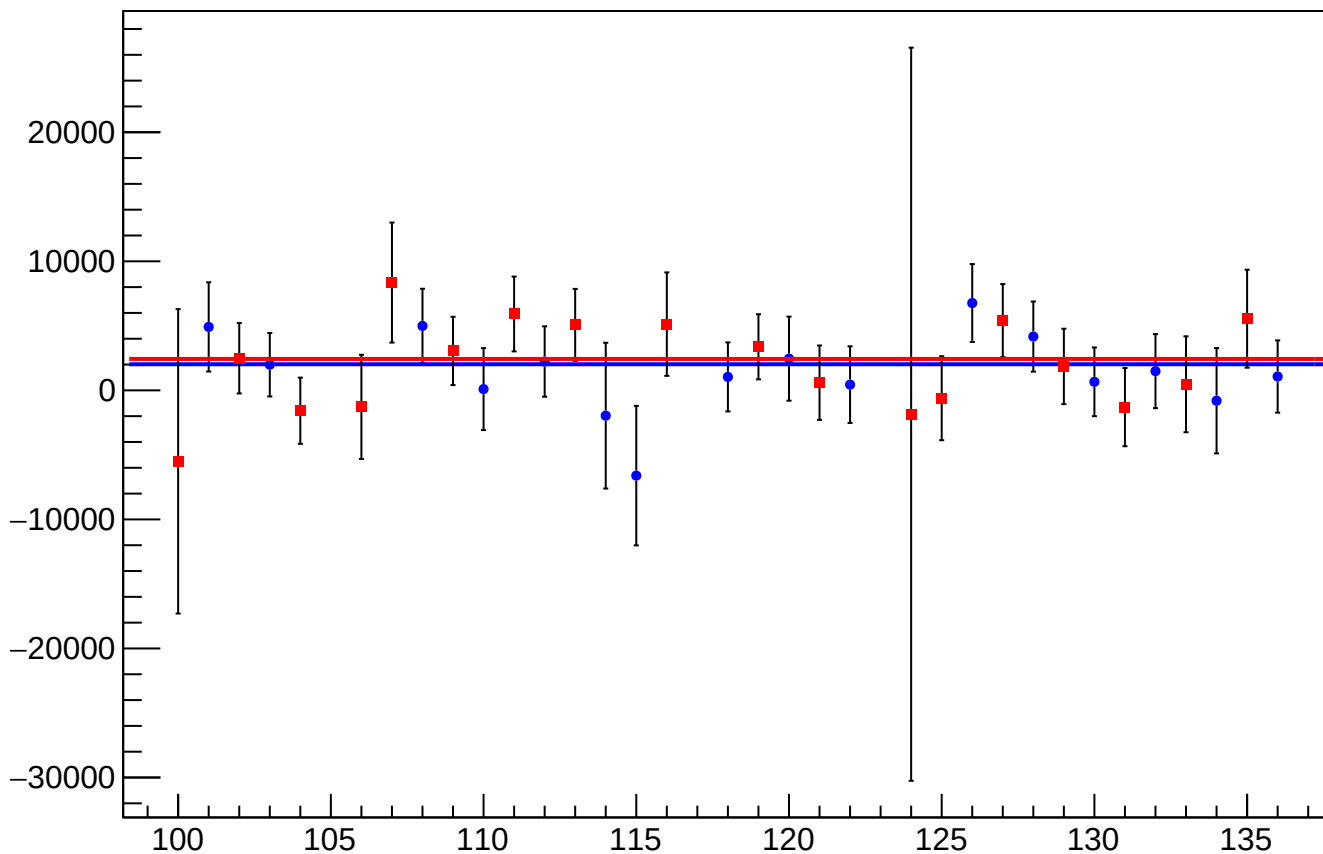
Right: 1482.601+/-0.515 χ^2/NDF : 20389286.7/33

In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.601+/-0.515 χ^2/NDF : 20389286.7/33

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: 2435.317+/-762.480 χ^2/NDF : 13.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

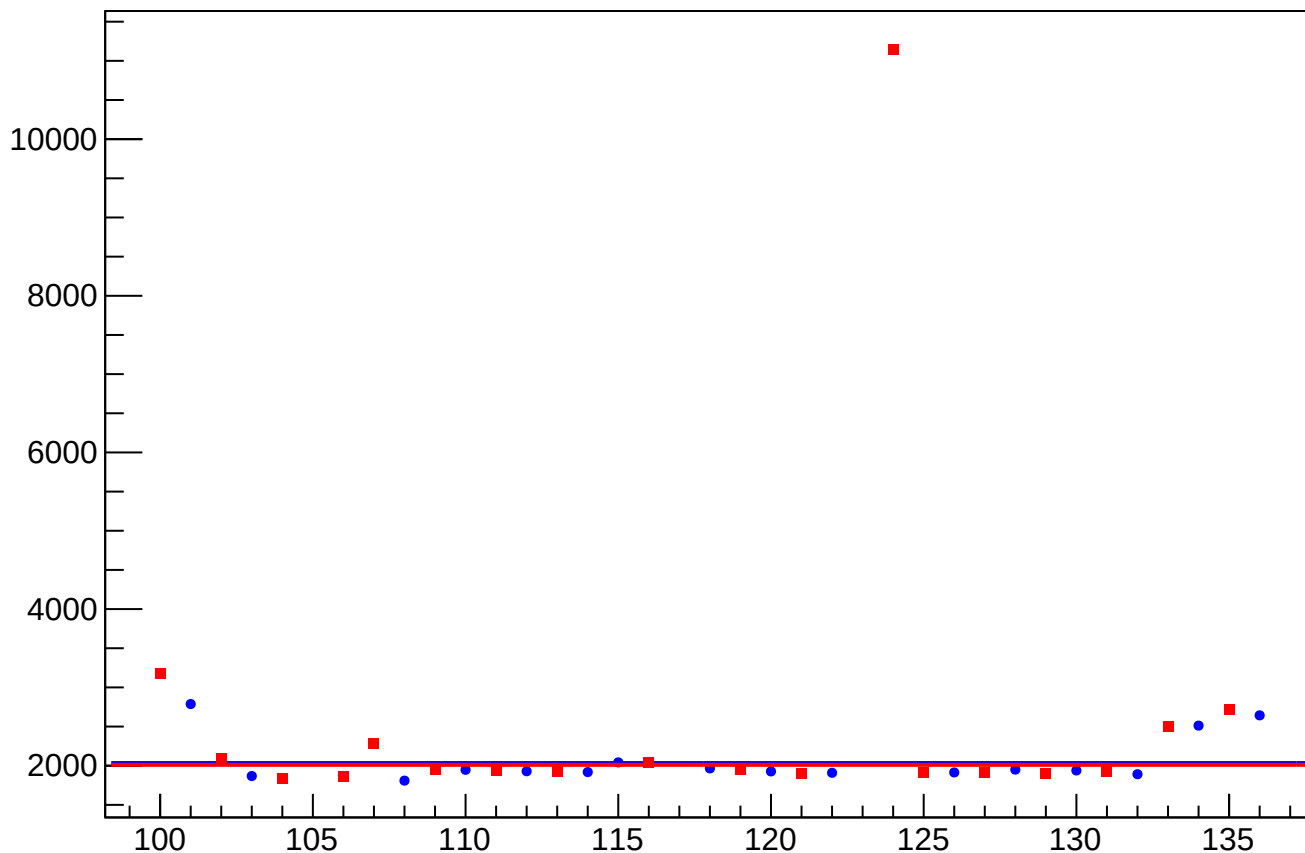
Right: 2229.574+/-539.817 χ^2/NDF : 23.0/33

In: 2022.816+/-764.357 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2229.574+/-539.817 χ^2/NDF : 23.0/33

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: 2011.061+/-0.539 χ^2/NDF : 367382.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

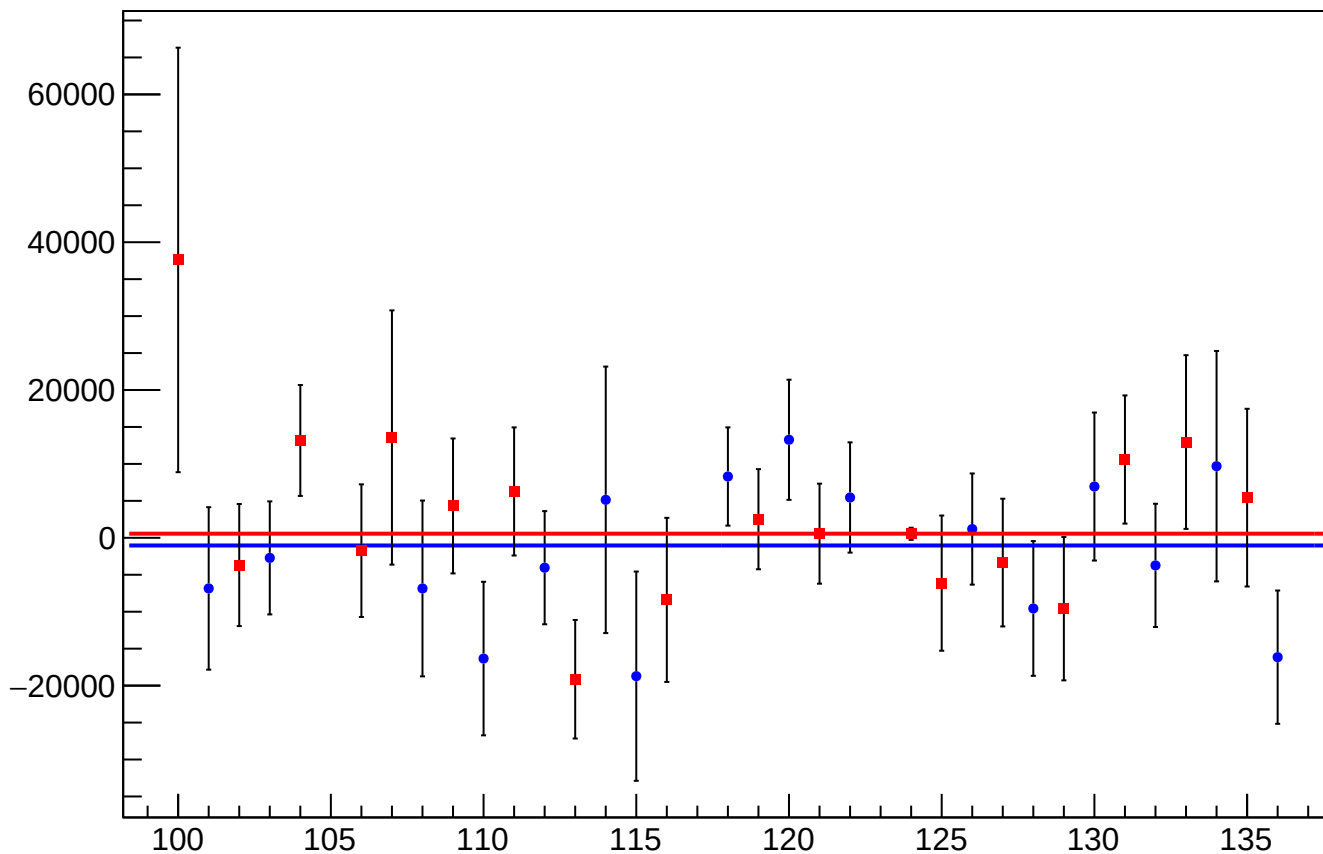
Right: 2022.581+/-0.382 χ^2/NDF : 631258.4/33

In: 2034.159+/-0.540 χ^2/NDF : 262960.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2022.581+/-0.382 χ^2/NDF : 631258.4/33

asym_atl2_eigen_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: 559.093 $\pm$ 768.583 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

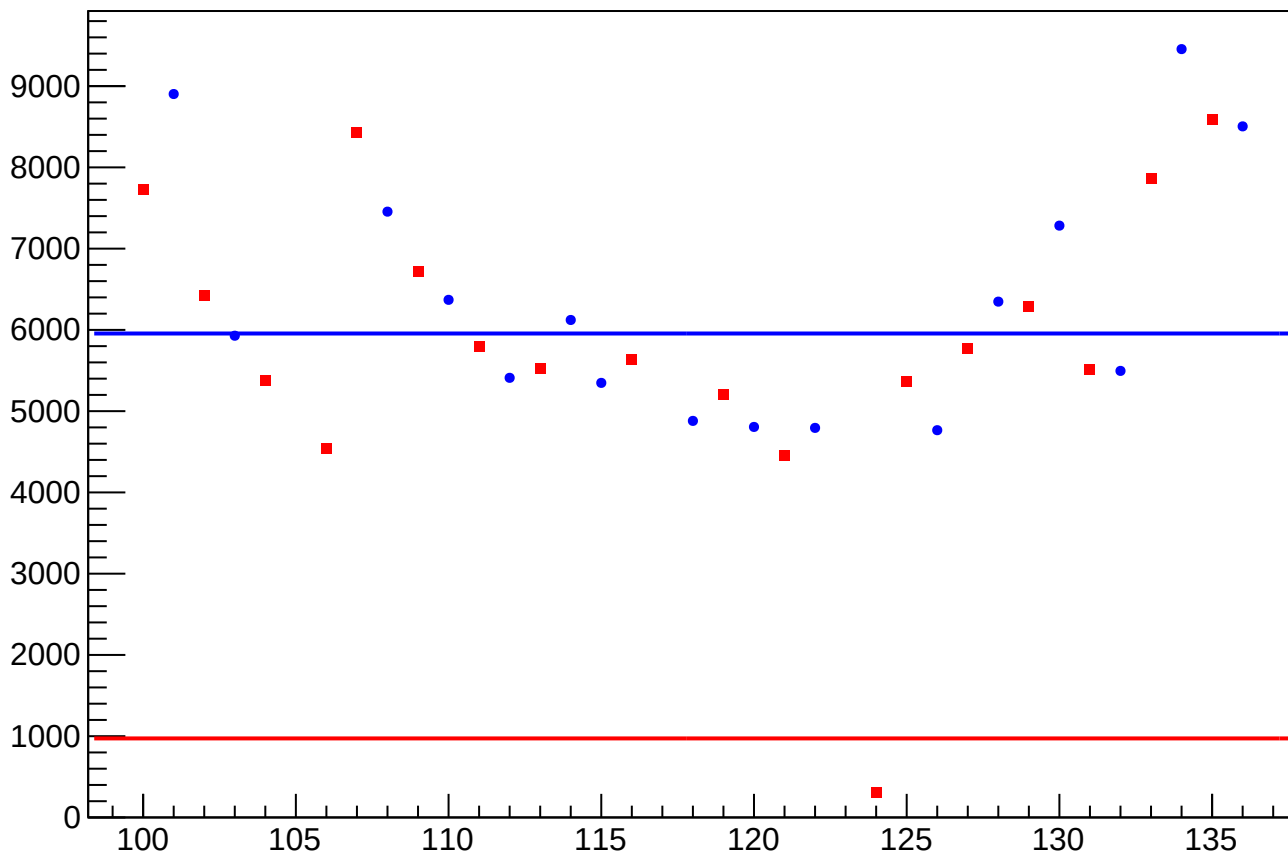
Right: 395.641 $\pm$ 728.190 χ^2 /NDF: 33.0/33

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: 395.641 $\pm$ 728.190 χ^2 /NDF: 33.0/33

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: 972.600+/-0.543 χ^2/NDF : 11095888.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

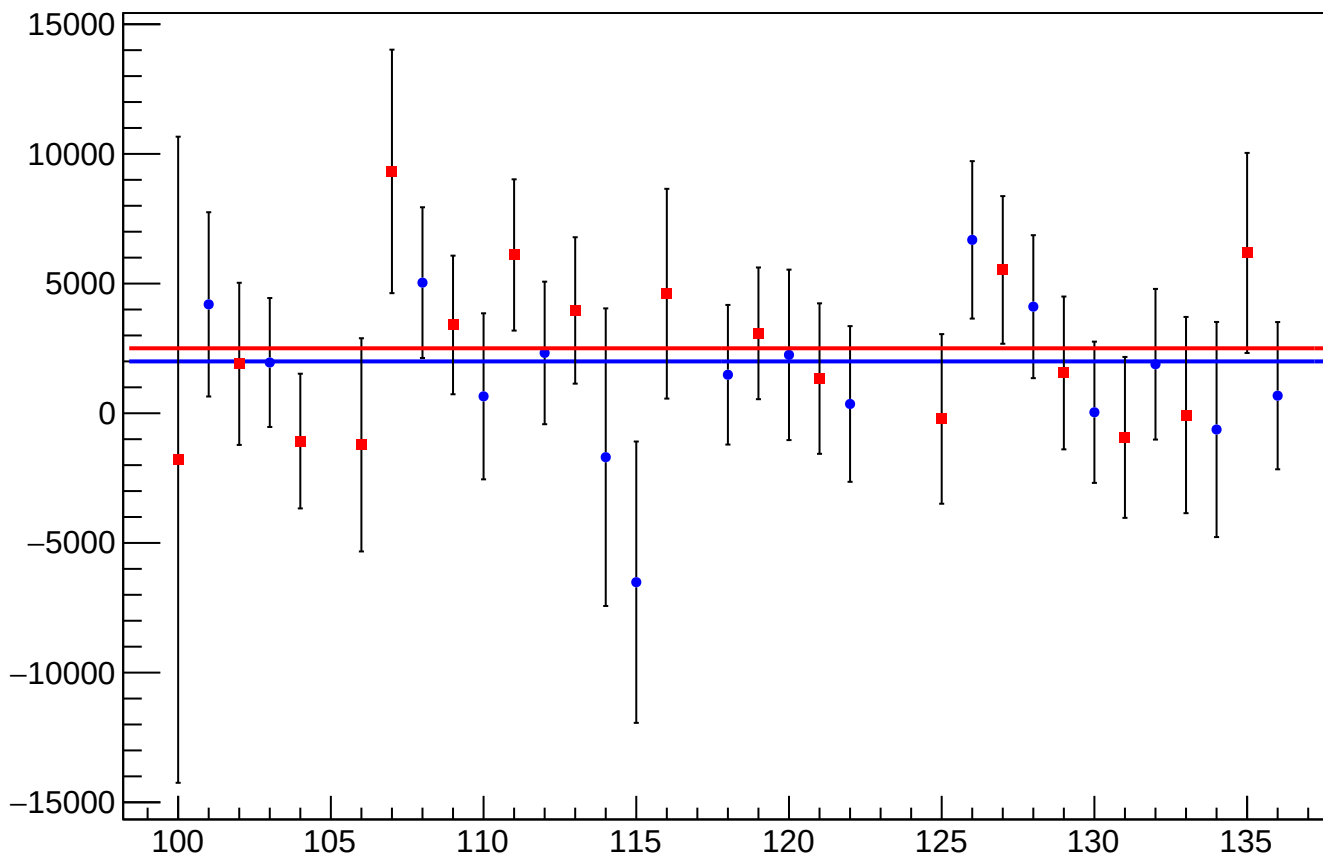
Right: 1482.601+/-0.515 χ^2/NDF : 20389286.7/33

In: 5955.638+/-1.610 χ^2/NDF : 689141.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1482.601+/-0.515 χ^2/NDF : 20389286.7/33

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: 2505.067+/-777.807 χ^2/NDF : 11.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

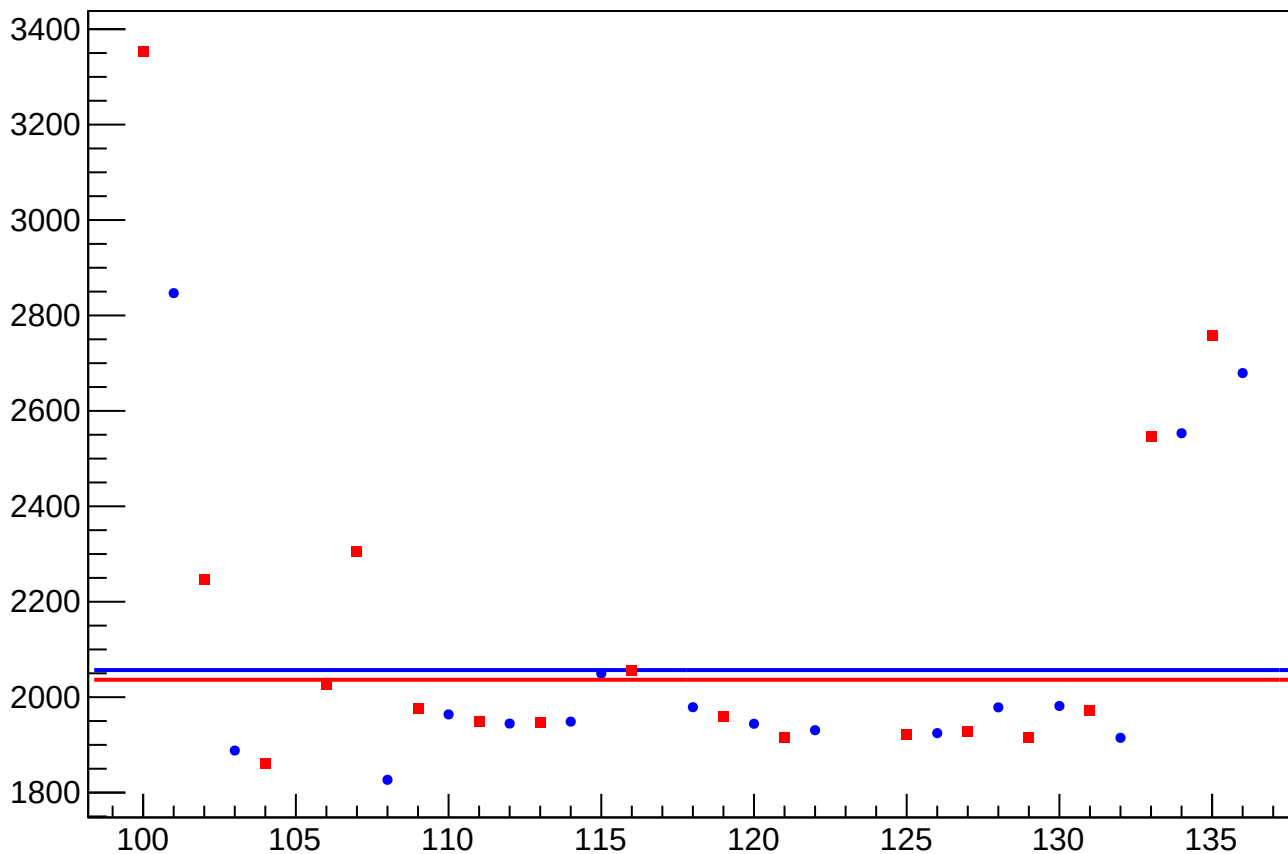
Right: 2250.749+/-548.477 χ^2/NDF : 21.1/32

In: 1999.214+/-773.538 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.749+/-548.477 χ^2/NDF : 21.1/32

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: 2036.555+/-0.549 χ^2/NDF : 173047.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

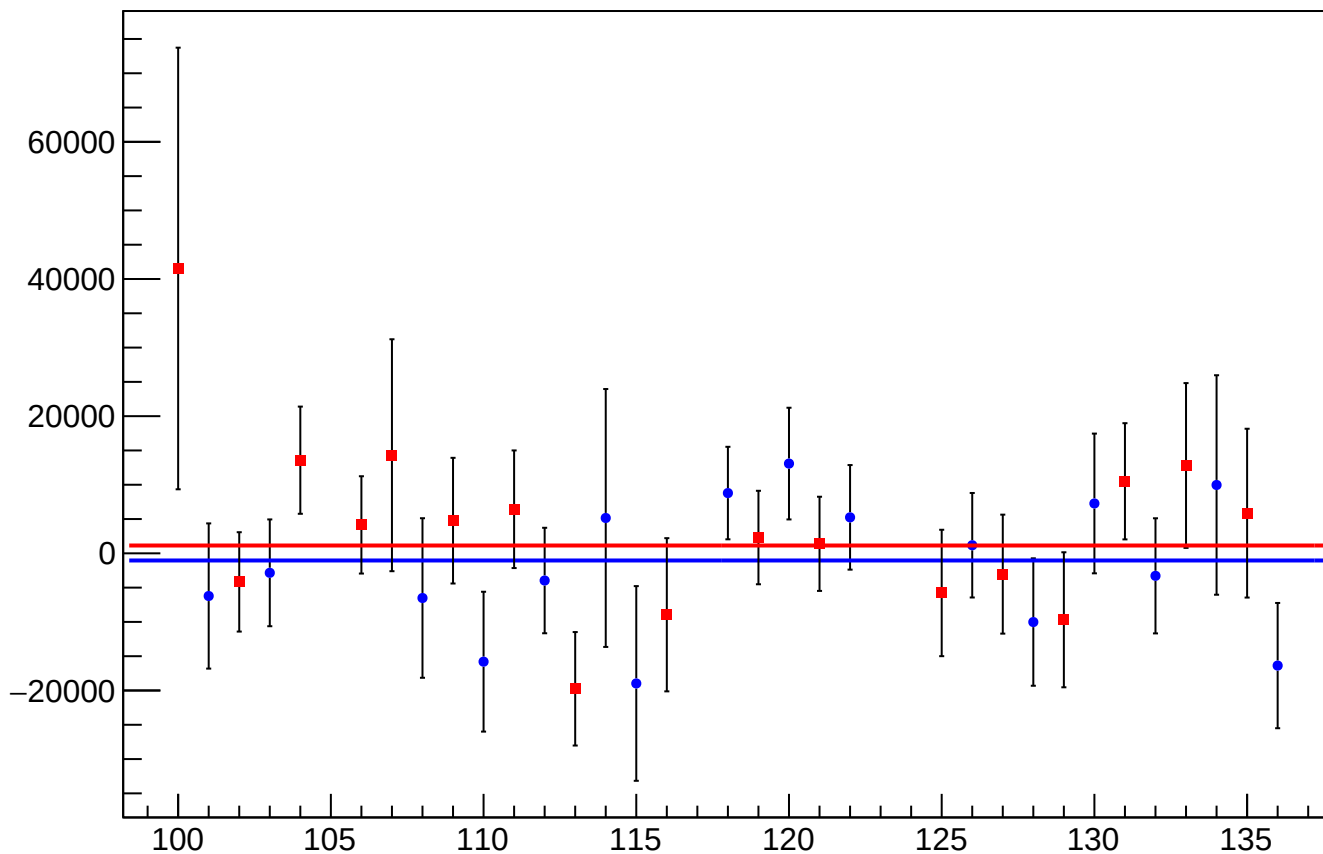
Right: 2046.716+/-0.388 χ^2/NDF : 444183.8/32

In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.716+/-0.388 χ^2/NDF : 444183.8/32

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: 1140.859+/-2164.328 χ^2 /NDF: 17.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

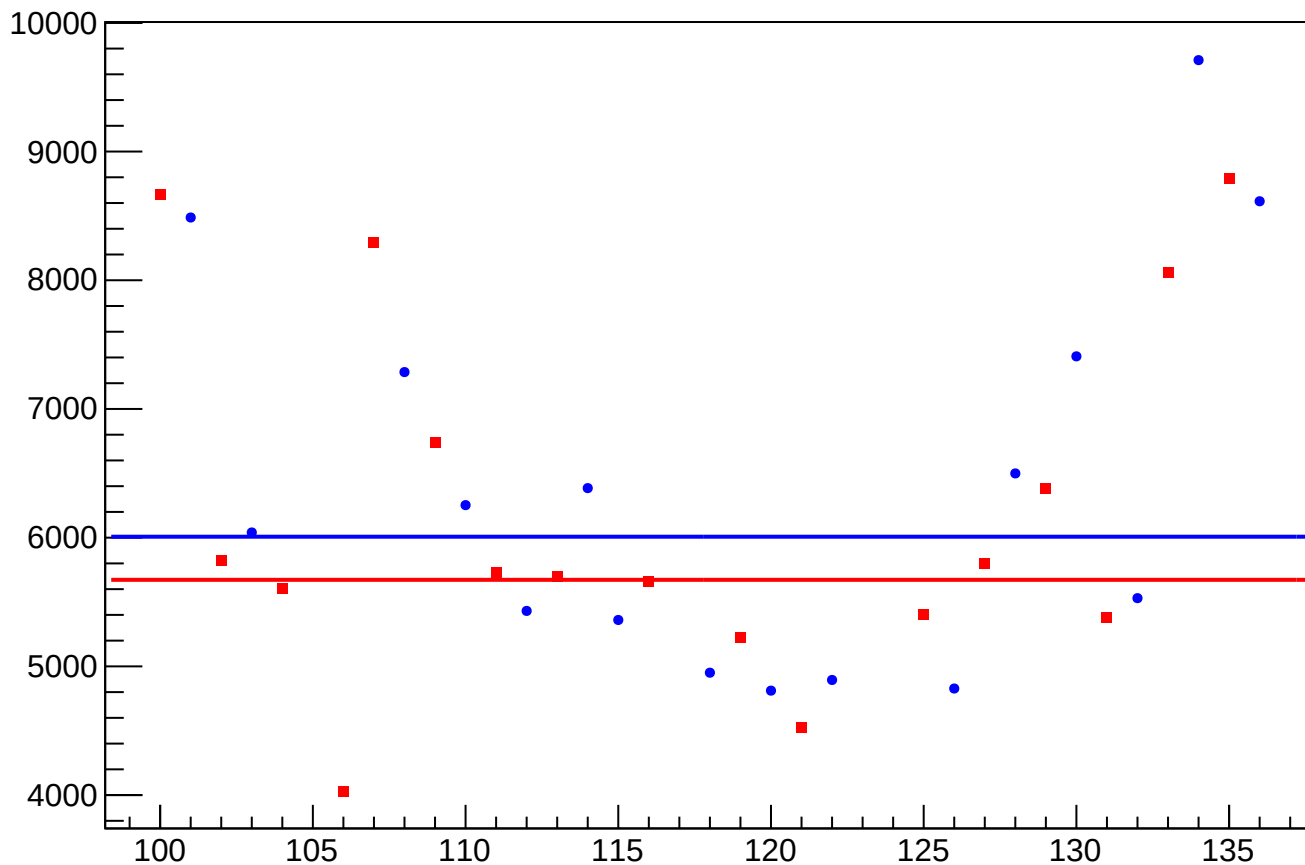
Right: 112.910+/-1574.454 χ^2 /NDF: 33.3/32

In: -1042.515+/-2294.607 χ^2 /NDF:15.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 112.910+/-1574.454 χ^2 /NDF: 33.3/32

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: 5672.441+/-1.530 χ^2/NDF : 487506.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

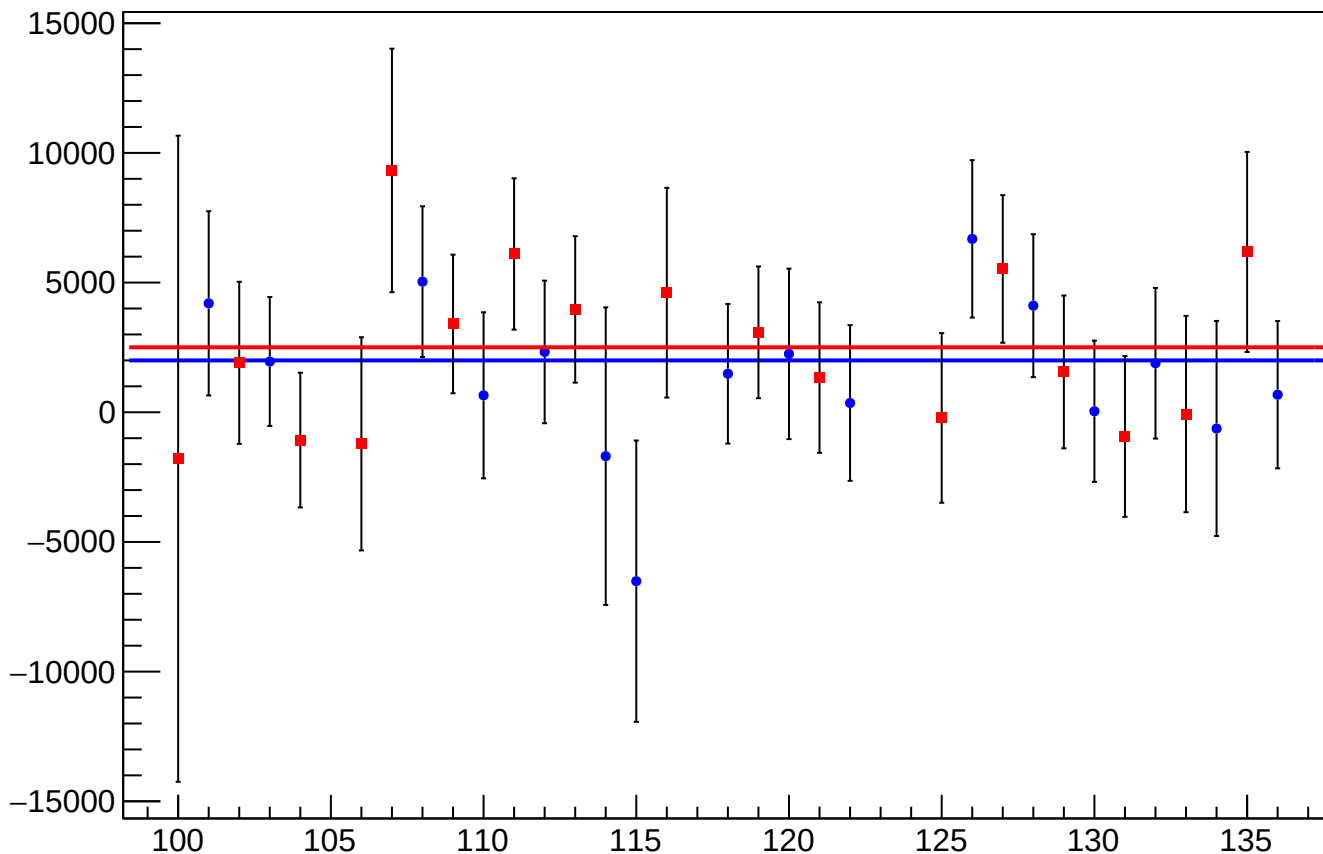
Right: 5830.154+/-1.113 χ^2/NDF : 1164059.5/32

In: 6007.425+/-1.623 χ^2/NDF :653996.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5830.154+/-1.113 χ^2/NDF : 1164059.5/32

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: 2505.071+/-777.807 χ^2/NDF : 11.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

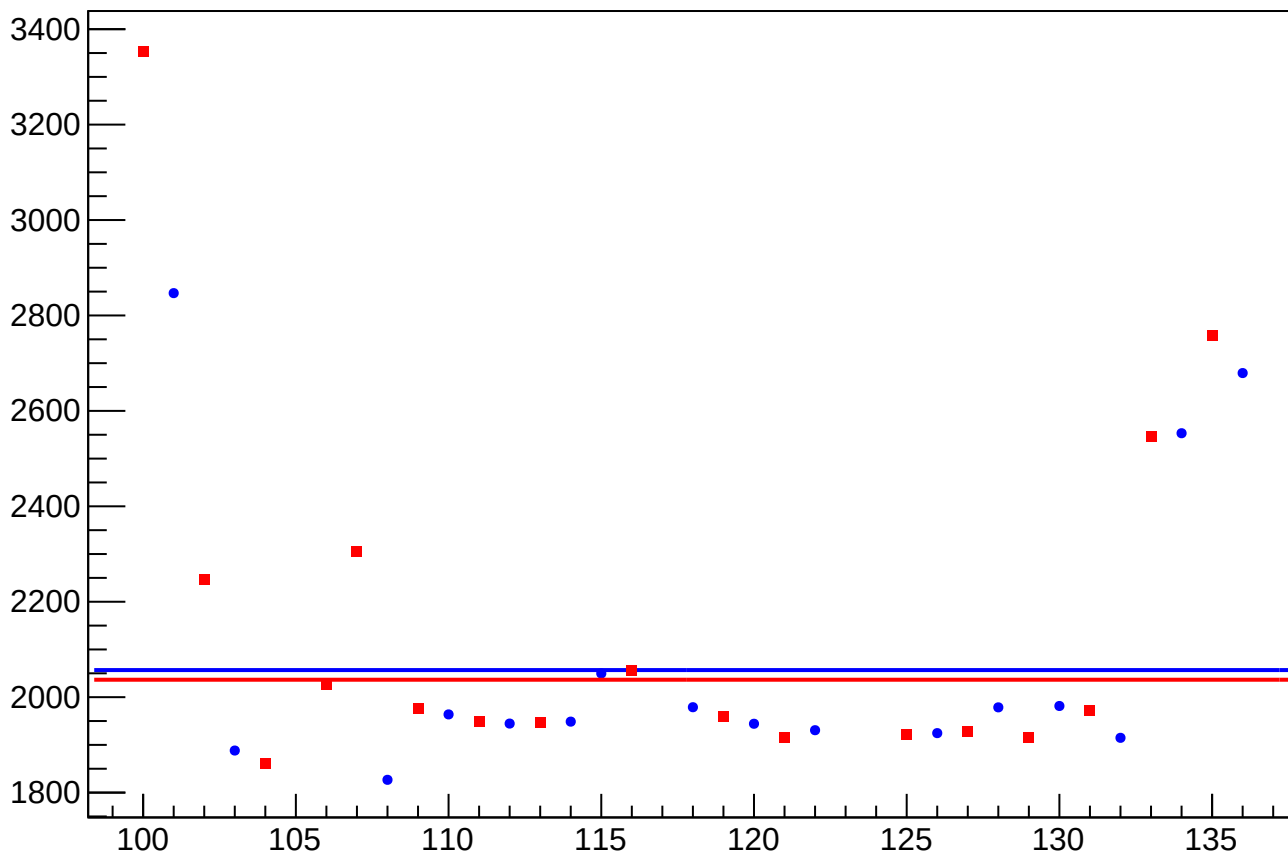
Right: 2250.753+/-548.477 χ^2/NDF : 21.1/32

In: 1999.218+/-773.538 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2250.753+/-548.477 χ^2/NDF : 21.1/32

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: 2036.555+/-0.549 χ^2/NDF : 173047.5/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

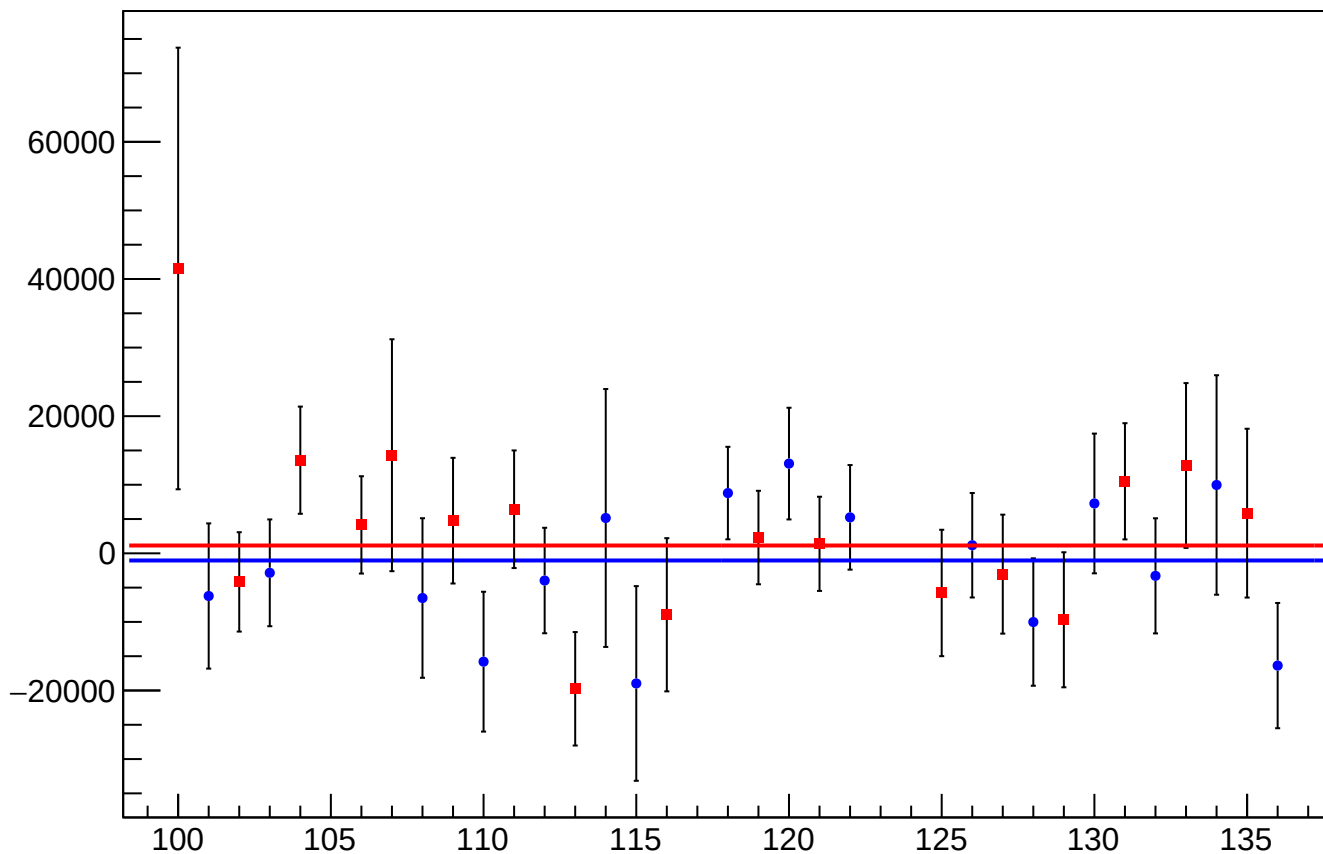
Right: 2046.715+/-0.388 χ^2/NDF : 444183.9/32

In: 2056.796+/-0.547 χ^2/NDF : 270454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2046.715+/-0.388 χ^2/NDF : 444183.9/32

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: 1140.862+/-2164.321 χ^2 /NDF: 17.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

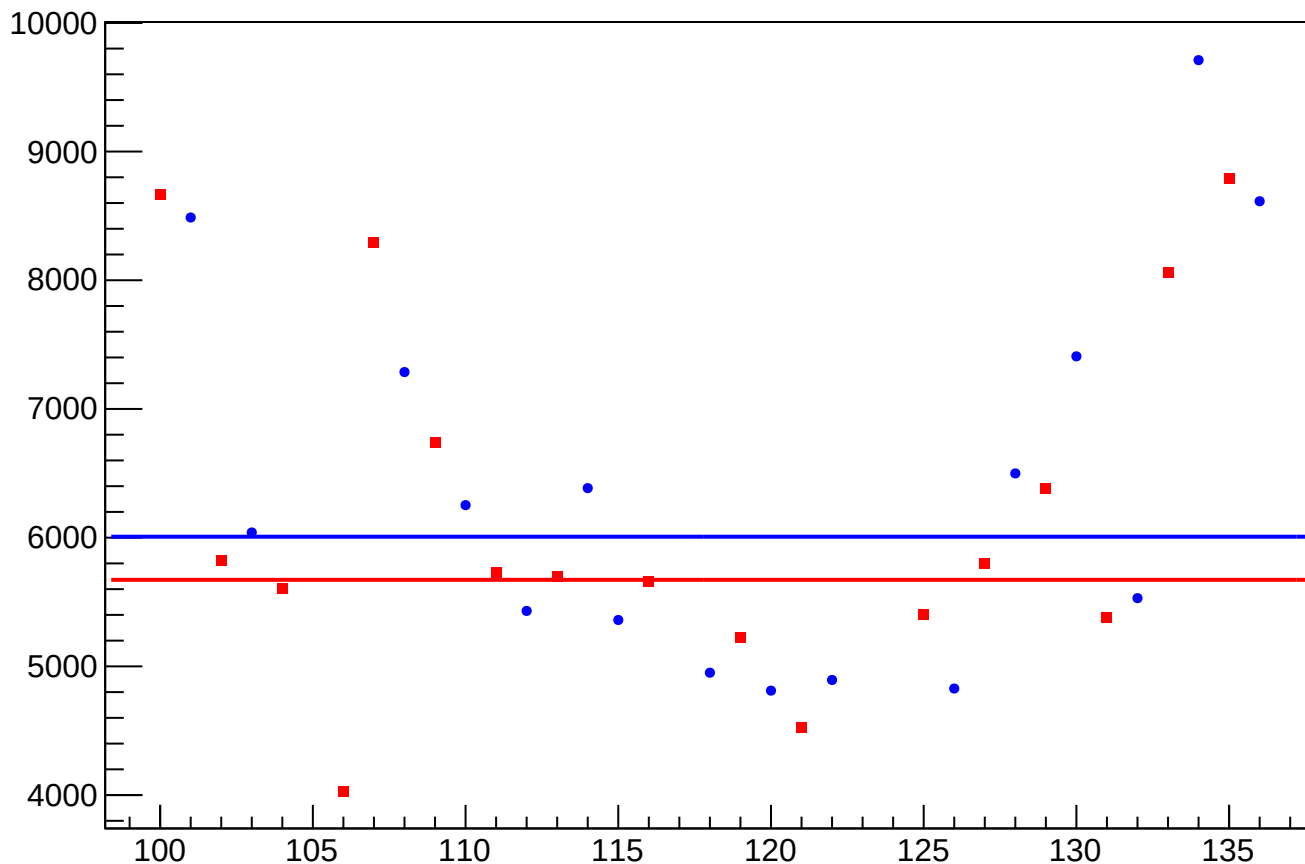
Right: 112.917+/-1574.449 χ^2 /NDF: 33.3/32

In: -1042.503+/-2294.600 χ^2 /NDF:15.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 112.917+/-1574.449 χ^2 /NDF: 33.3/32

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: 5672.424+/-1.530 χ^2/NDF : 487509.0/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

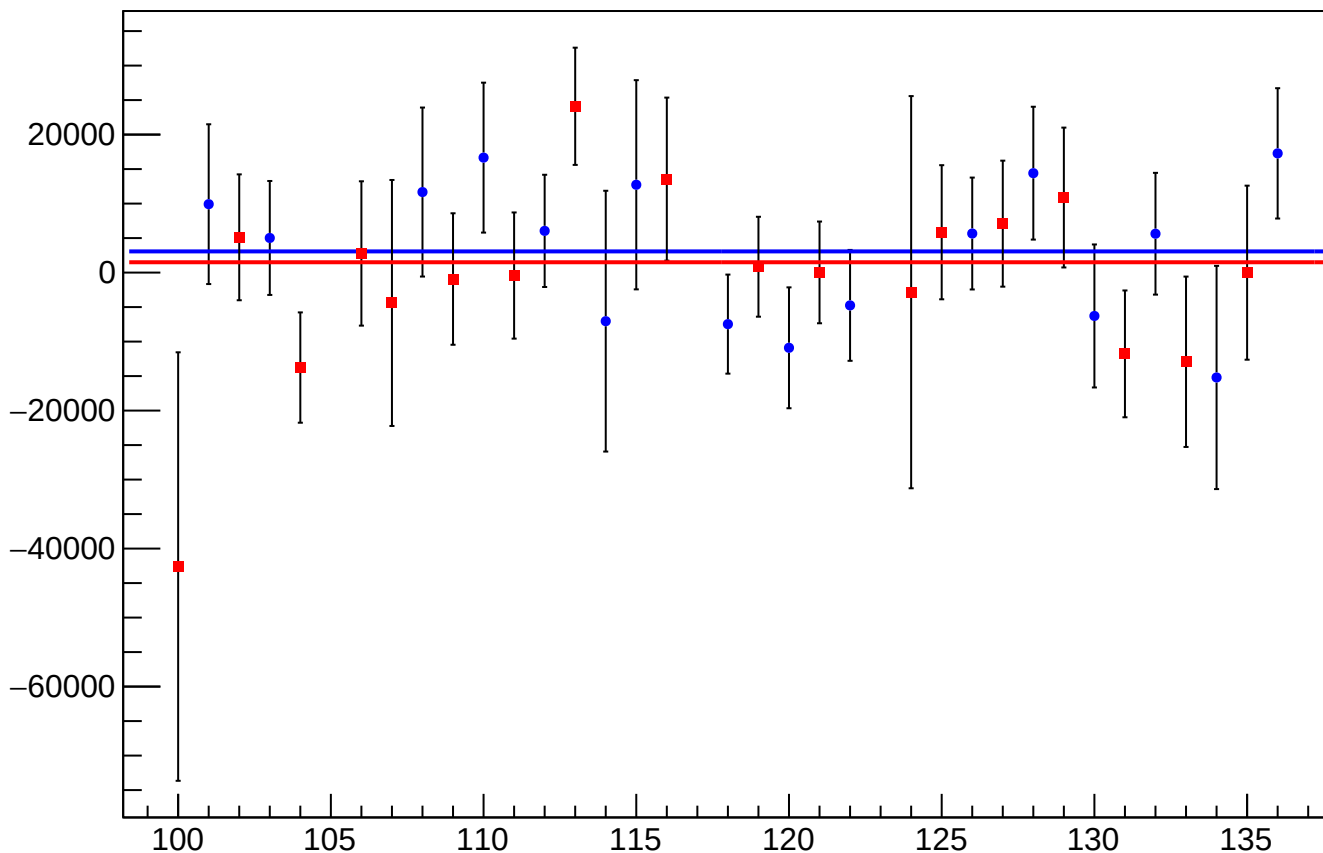
Right: 5830.135+/-1.113 χ^2/NDF : 1164070.4/32

In: 6007.405+/-1.623 χ^2/NDF : 654004.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5830.135+/-1.113 χ^2/NDF : 1164070.4/32

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: 1497.224+/-2352.348 χ^2/NDF : 19.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

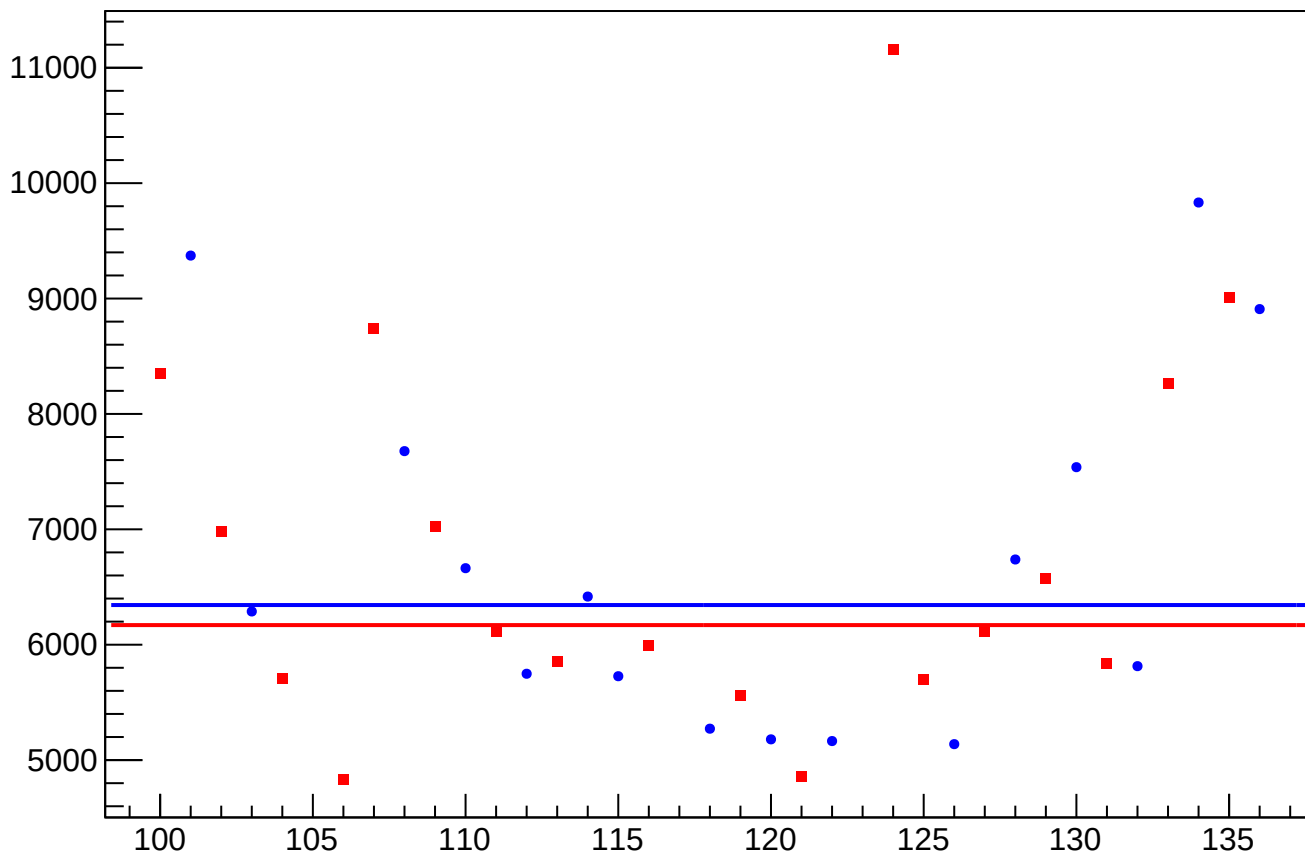
Right: 2261.229+/-1687.015 χ^2/NDF : 34.2/33

In: 3070.293+/-2420.721 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2261.229+/-1687.015 χ^2/NDF : 34.2/33

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: 6170.029+/-1.663 χ^2/NDF : 434285.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

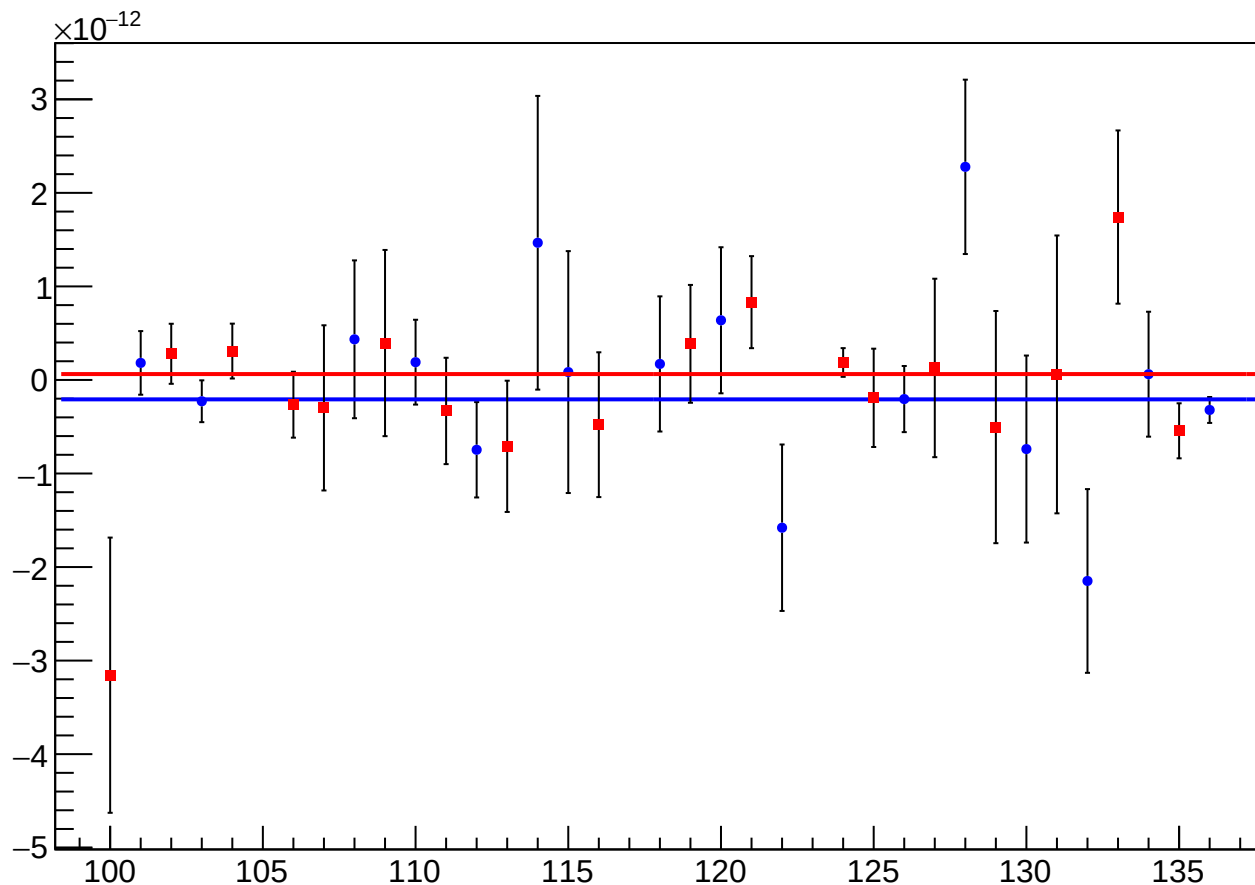
Right: 6254.424+/-1.193 χ^2/NDF : 1060826.2/33

In: 6343.796+/-1.712 χ^2/NDF : 621240.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6254.424+/-1.193 χ^2/NDF : 1060826.2/33

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 : 20.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

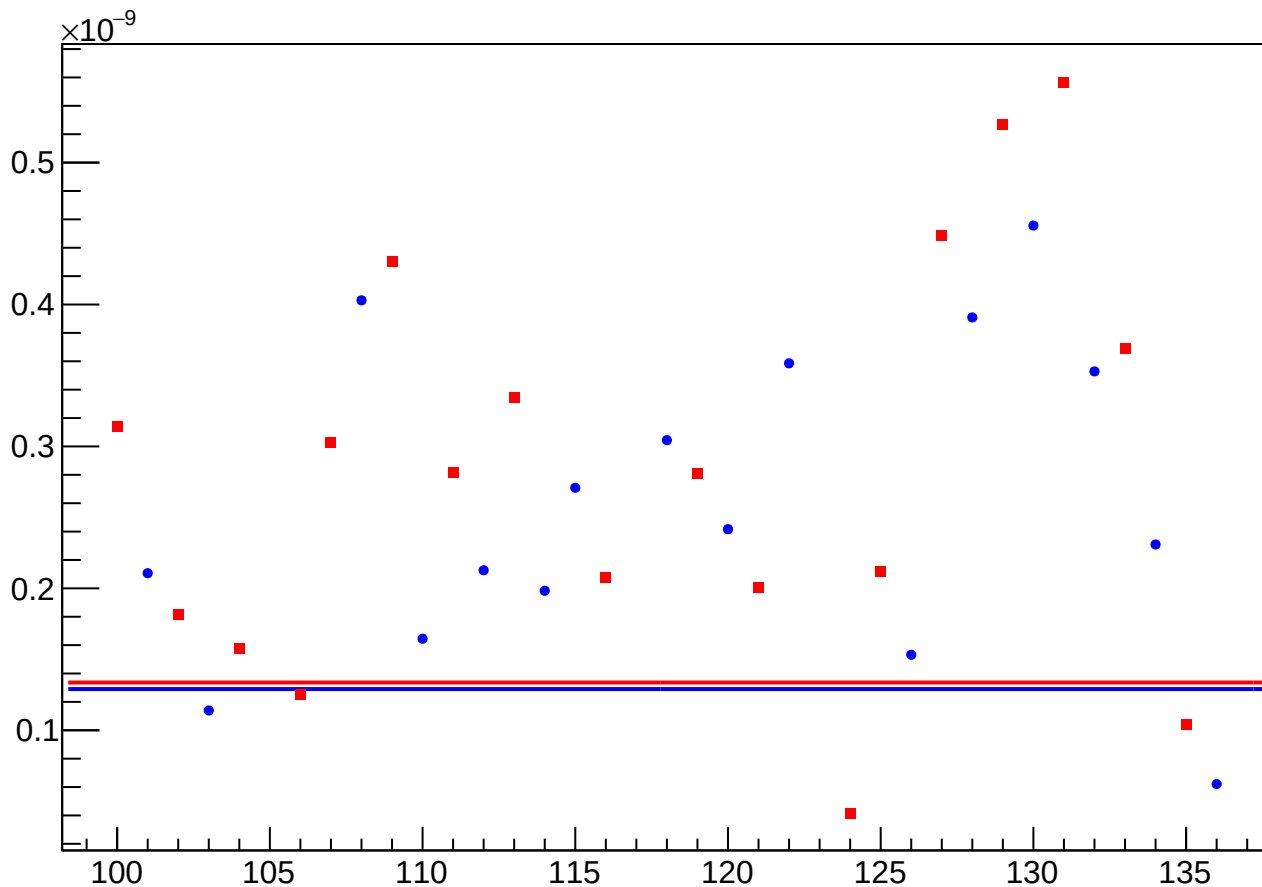
Right: -0.000+/-0.000 χ^2/NDF : 45.5/33

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 : 45.5/33

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 : 2303974.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

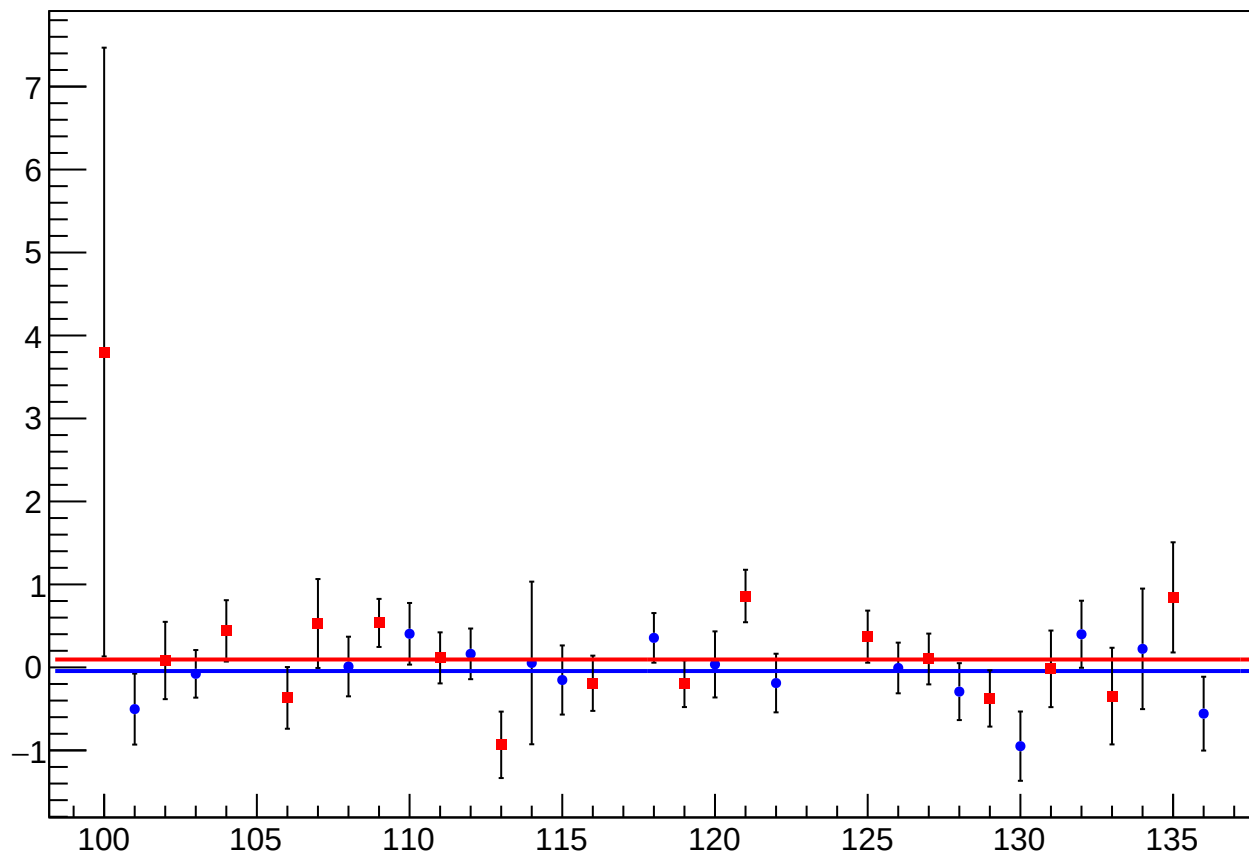
Right: 0.000+/-0.000 χ^2/NDF : 4026594.6/33

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 : 4026594.6/33

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: 0.095 ± 0.090 χ^2/NDF : 25.3/16

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

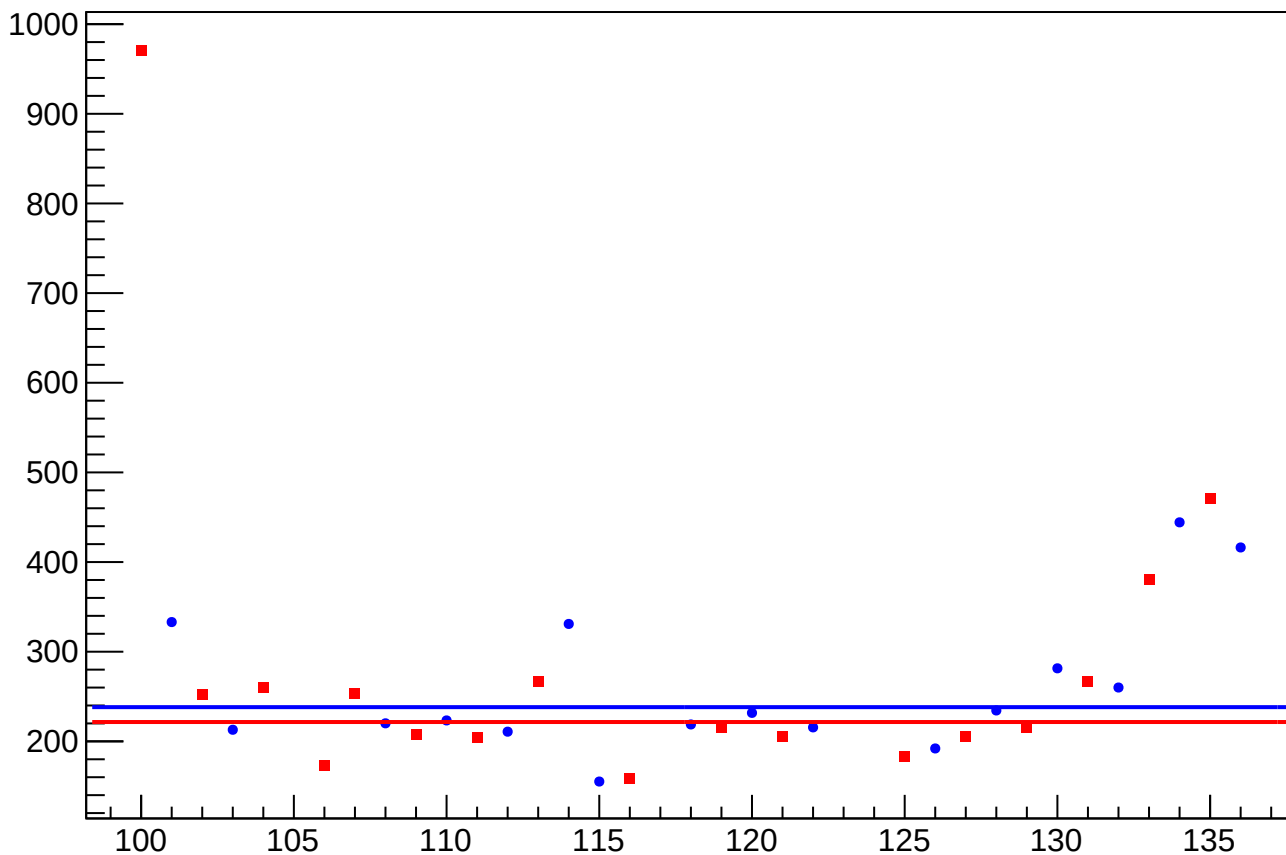
Right: 0.028 ± 0.065 χ^2/NDF : 39.5/32

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 : 39.5/32

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: 221.567+/-0.064 χ^2/NDF : 755247.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

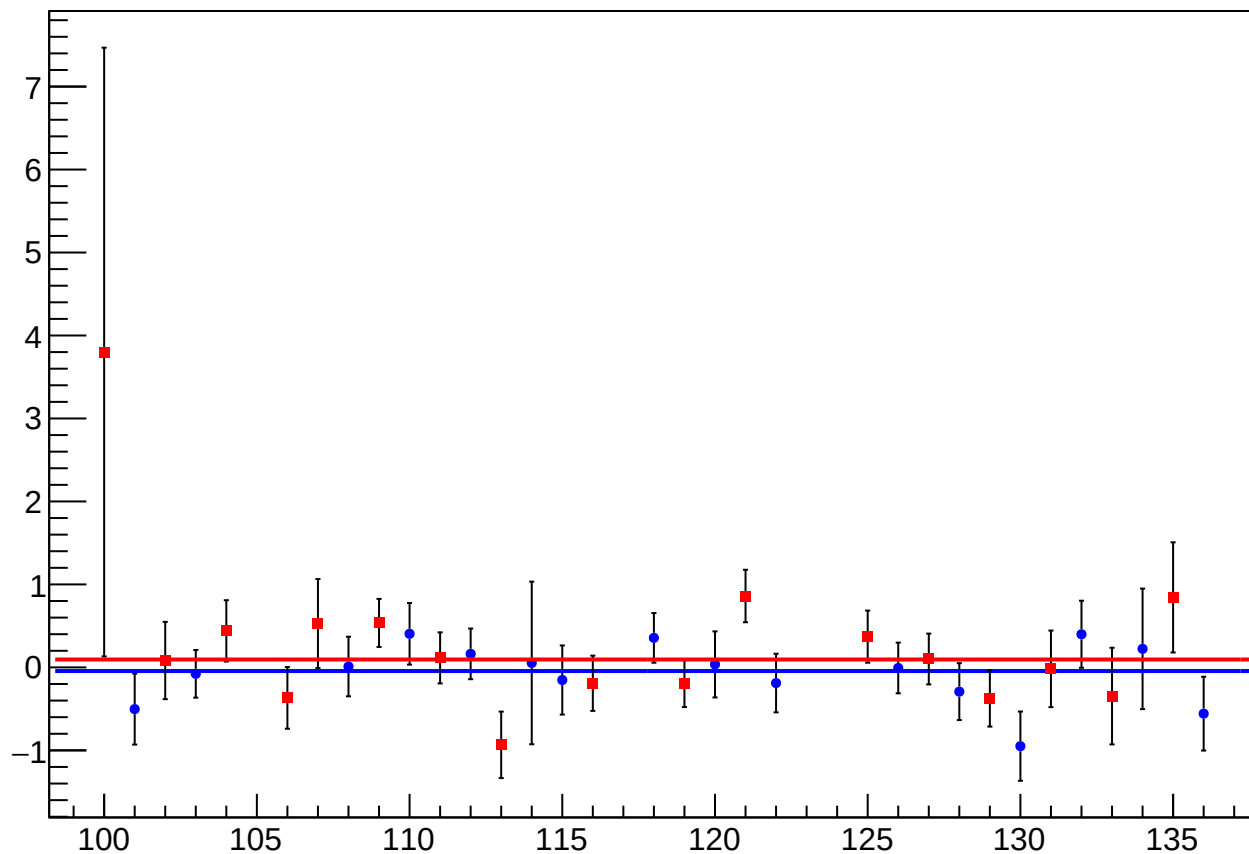
Right: 229.558+/-0.046 χ^2/NDF : 1594926.7/32

In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.558+/-0.046 χ^2/NDF : 1594926.7/32

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: 0.095+/-0.090 χ^2/NDF : 25.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

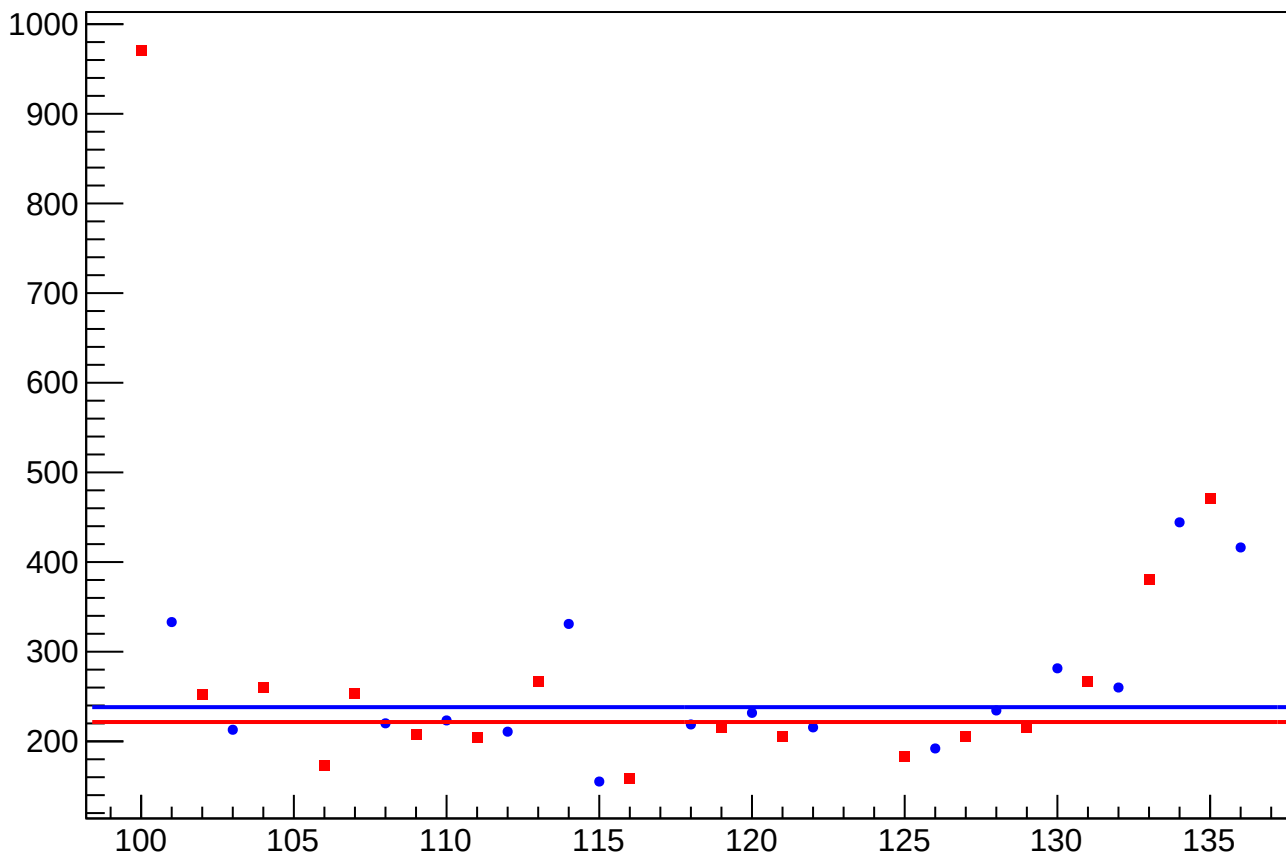
Right: 0.028+/-0.065 χ^2/NDF : 39.5/32

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 : 39.5/32

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: 221.567+/-0.064 χ^2/NDF : 755247.7/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

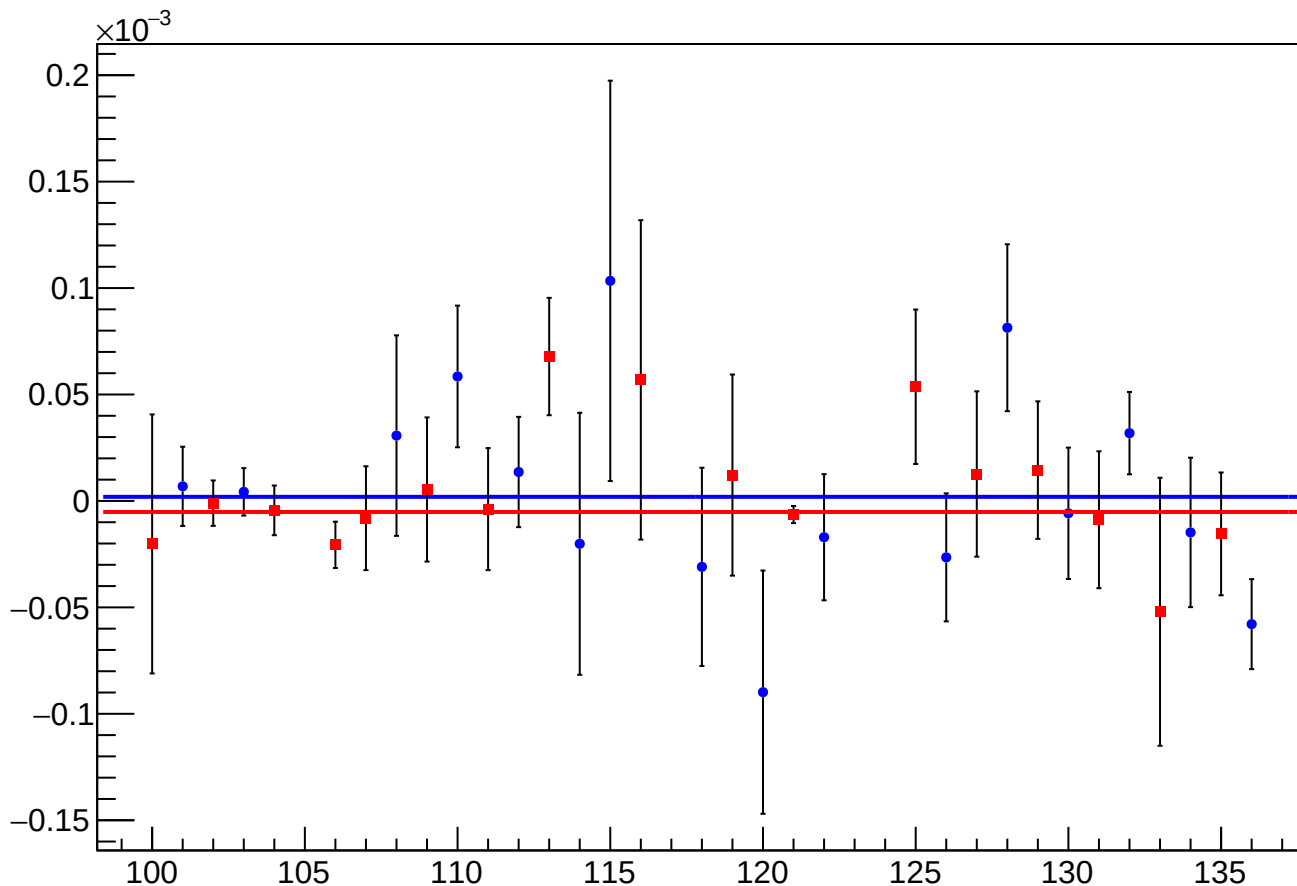
Right: 229.558+/-0.046 χ^2/NDF : 1594926.7/32

In: 238.165+/-0.066 χ^2/NDF : 807205.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.558+/-0.046 χ^2/NDF : 1594926.7/32

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 : 14.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

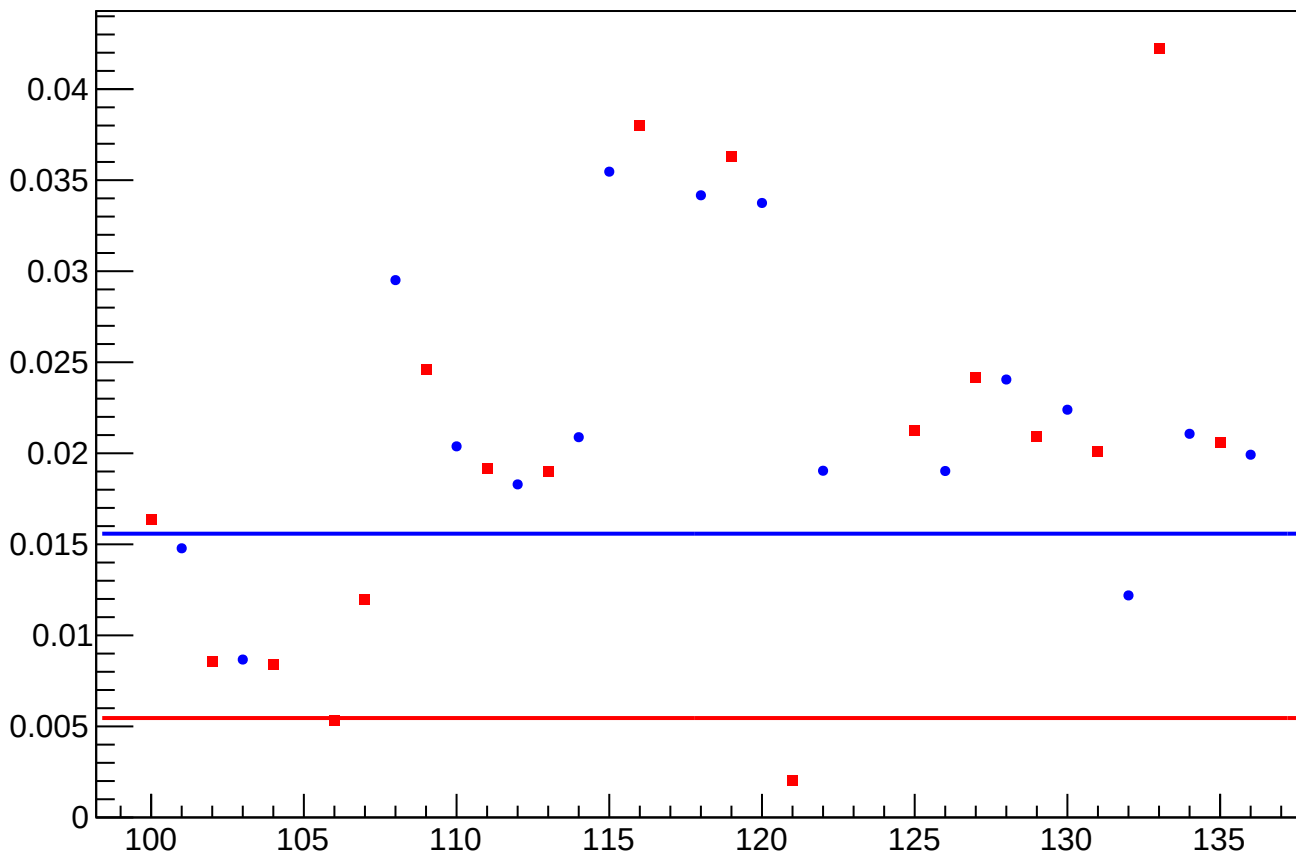
Right: -0.000+/-0.000 χ^2/NDF : 39.2/32

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 : 39.2/32

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: 0.005+/-0.000

χ^2/NDF : 7739590.5/16

Left 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 : 13839273.3/32

In: 0.016+/-0.000

χ^2/NDF : 2074656.7/15

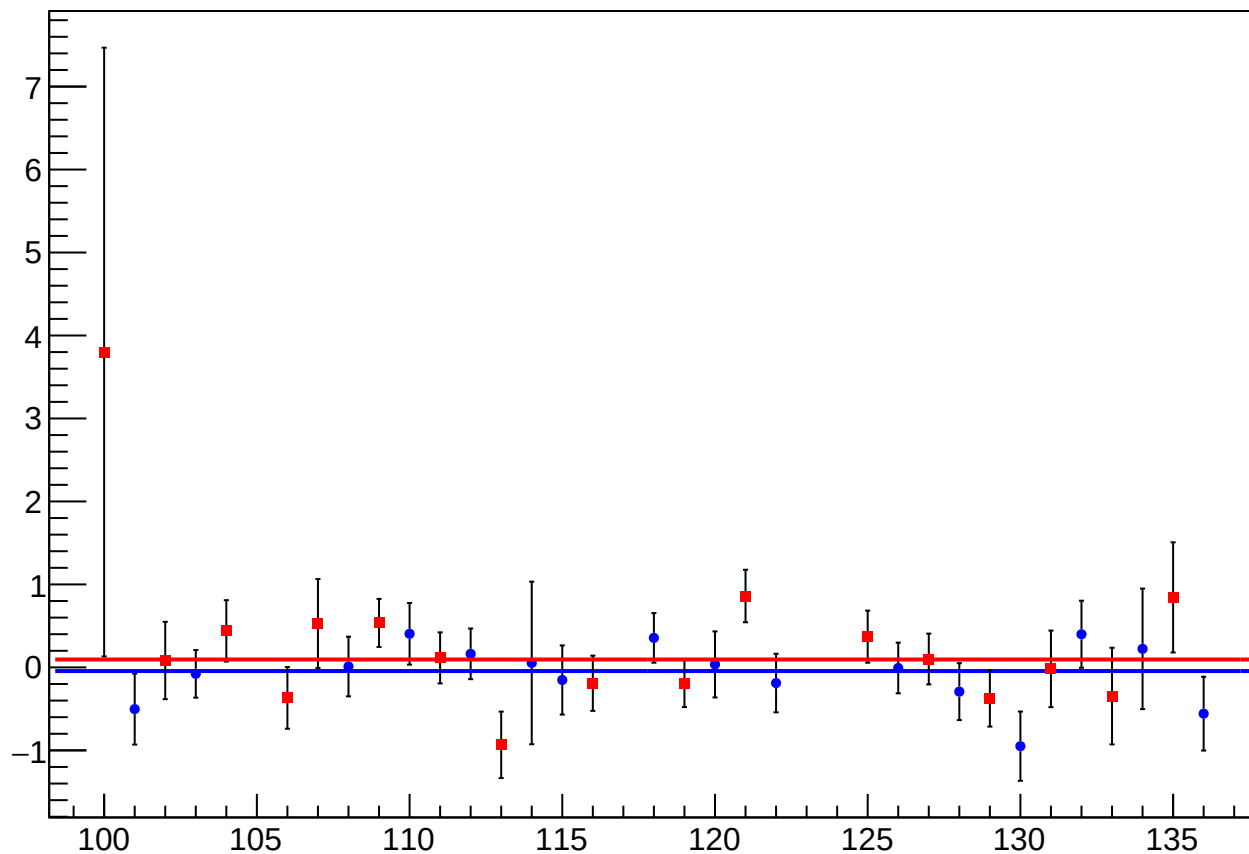
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.008+/-0.000

χ^2/NDF : 13839273.3/32

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: 0.095+/-0.090 χ^2/NDF : 25.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

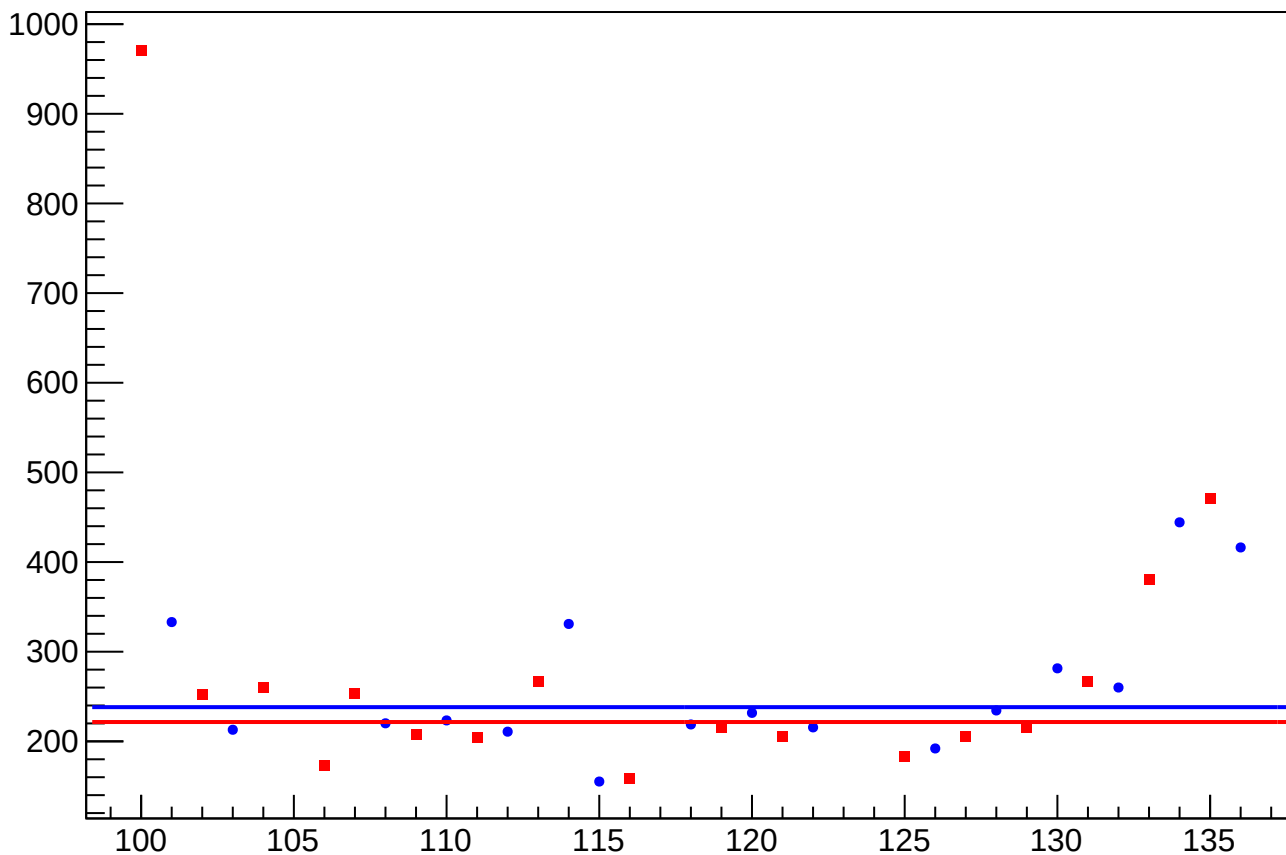
Right: 0.028+/-0.065 χ^2/NDF : 39.5/32

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 : 39.5/32

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: 221.569+/-0.064 χ^2/NDF : 755186.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

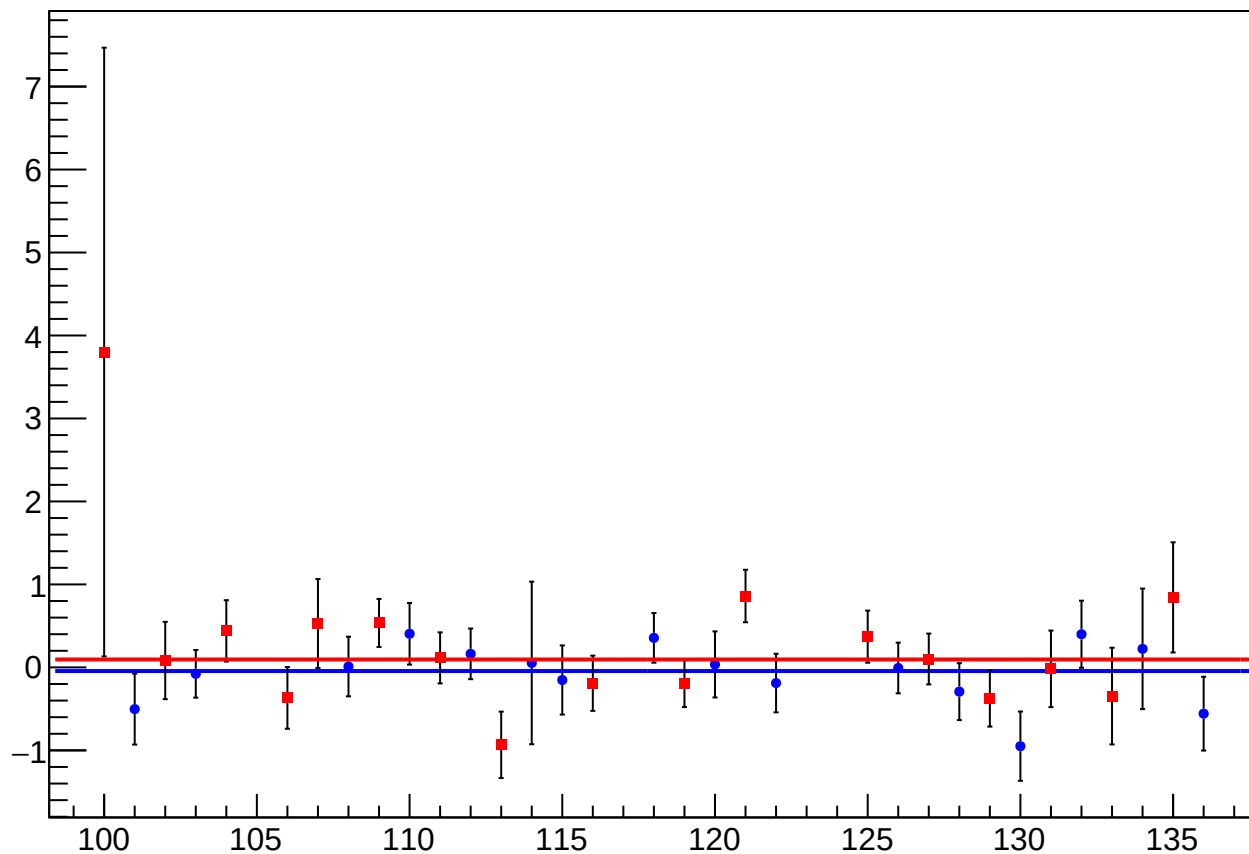
Right: 229.559+/-0.046 χ^2/NDF : 1594826.7/32

In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.559+/-0.046 χ^2/NDF : 1594826.7/32

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: 0.095+/-0.090 χ^2/NDF : 25.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

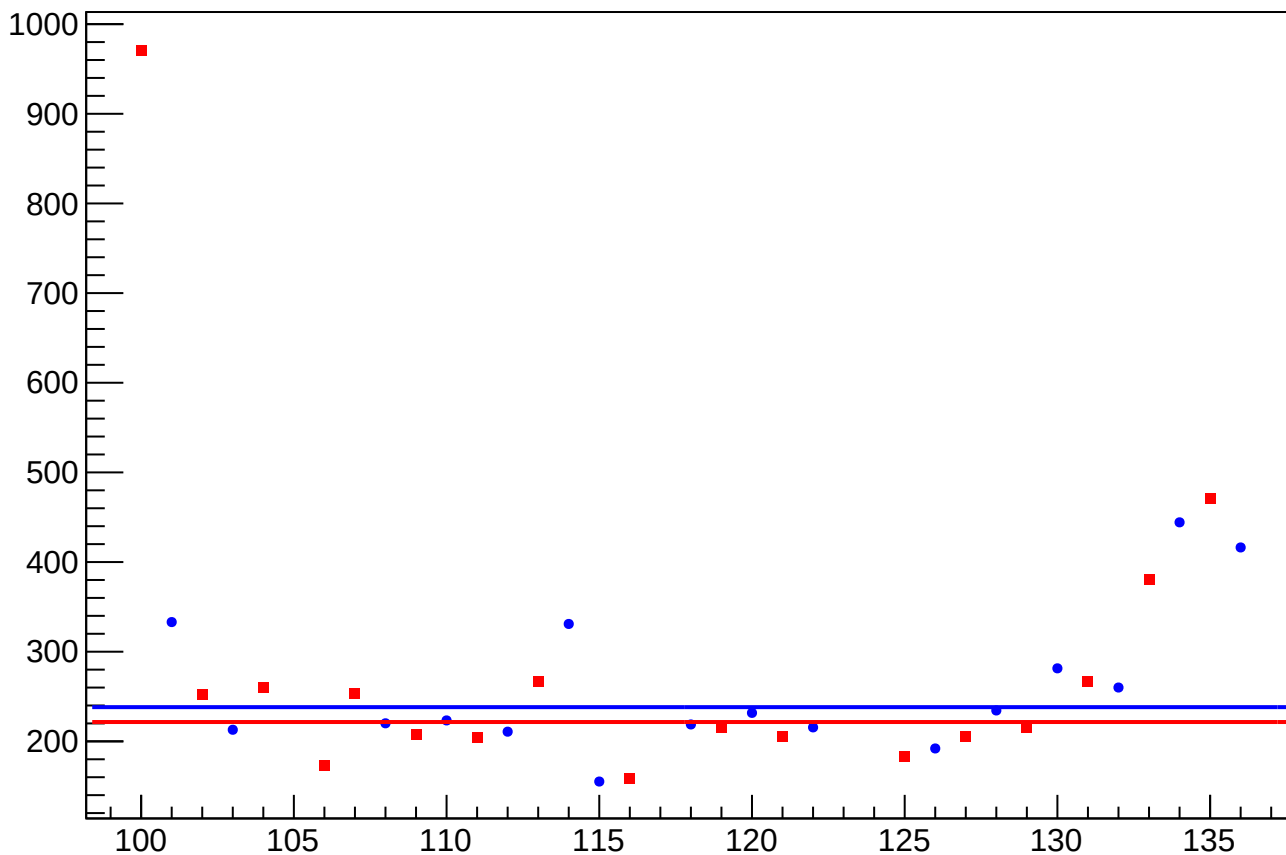
Right: 0.028+/-0.065 χ^2/NDF : 39.5/32

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 : 39.5/32

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: 221.569+/-0.064 χ^2/NDF : 755186.4/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

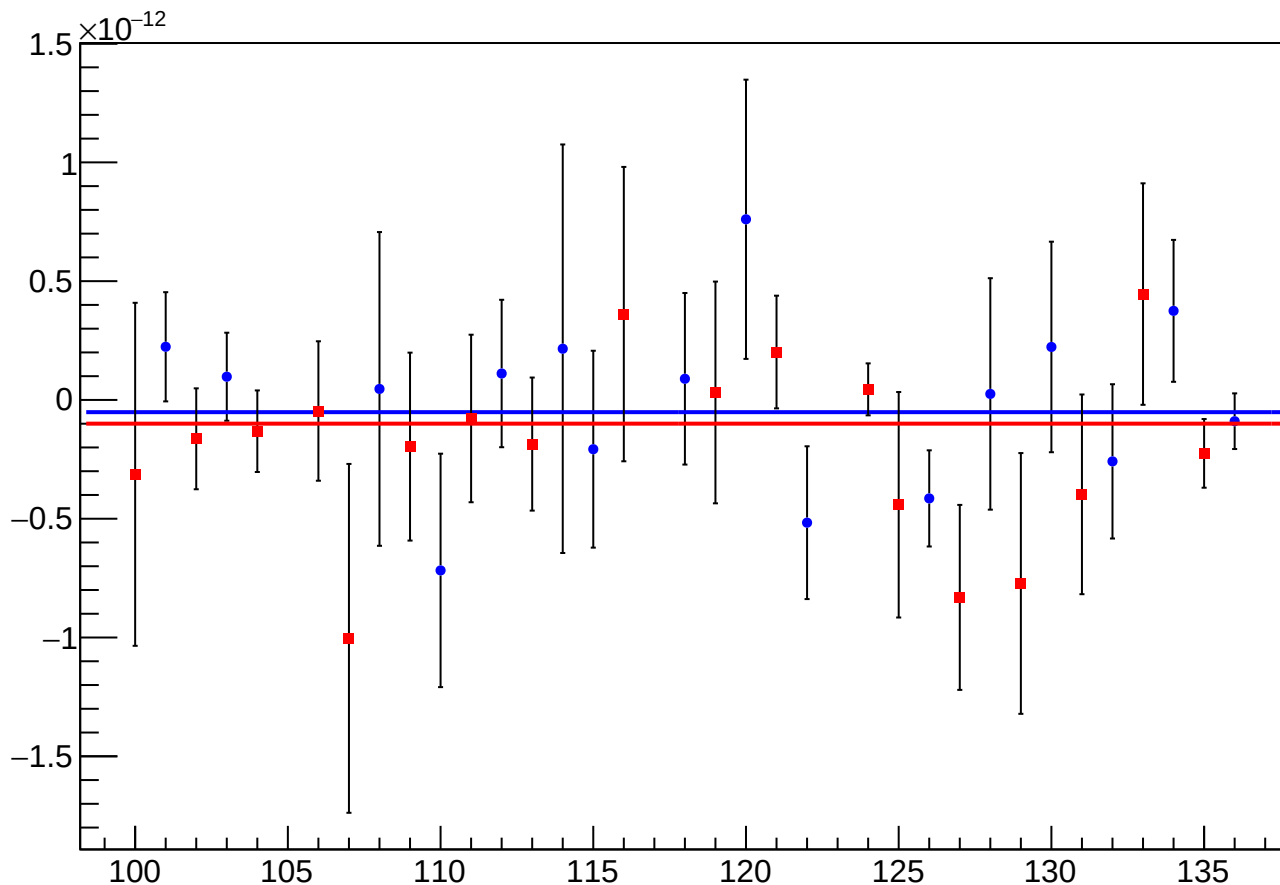
Right: 229.559+/-0.046 χ^2/NDF : 1594826.7/32

In: 238.165+/-0.066 χ^2/NDF : 807170.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.559+/-0.046 χ^2/NDF : 1594826.7/32

asym_atl2_eigen_cor_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 : 14.1/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

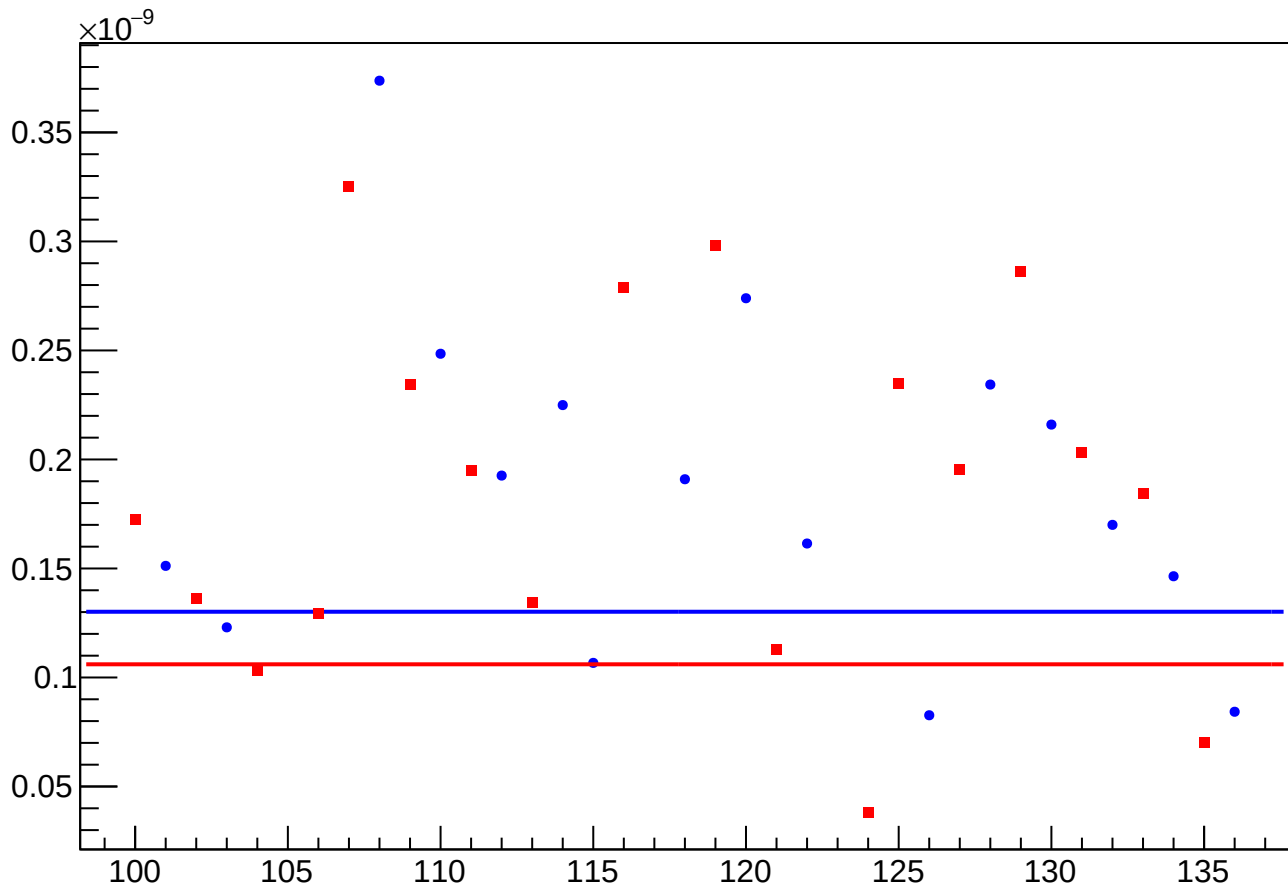
Right: -0.000 ± 0.000 χ^2/NDF : 29.1/33

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 : 29.1/33

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 : 2630148.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

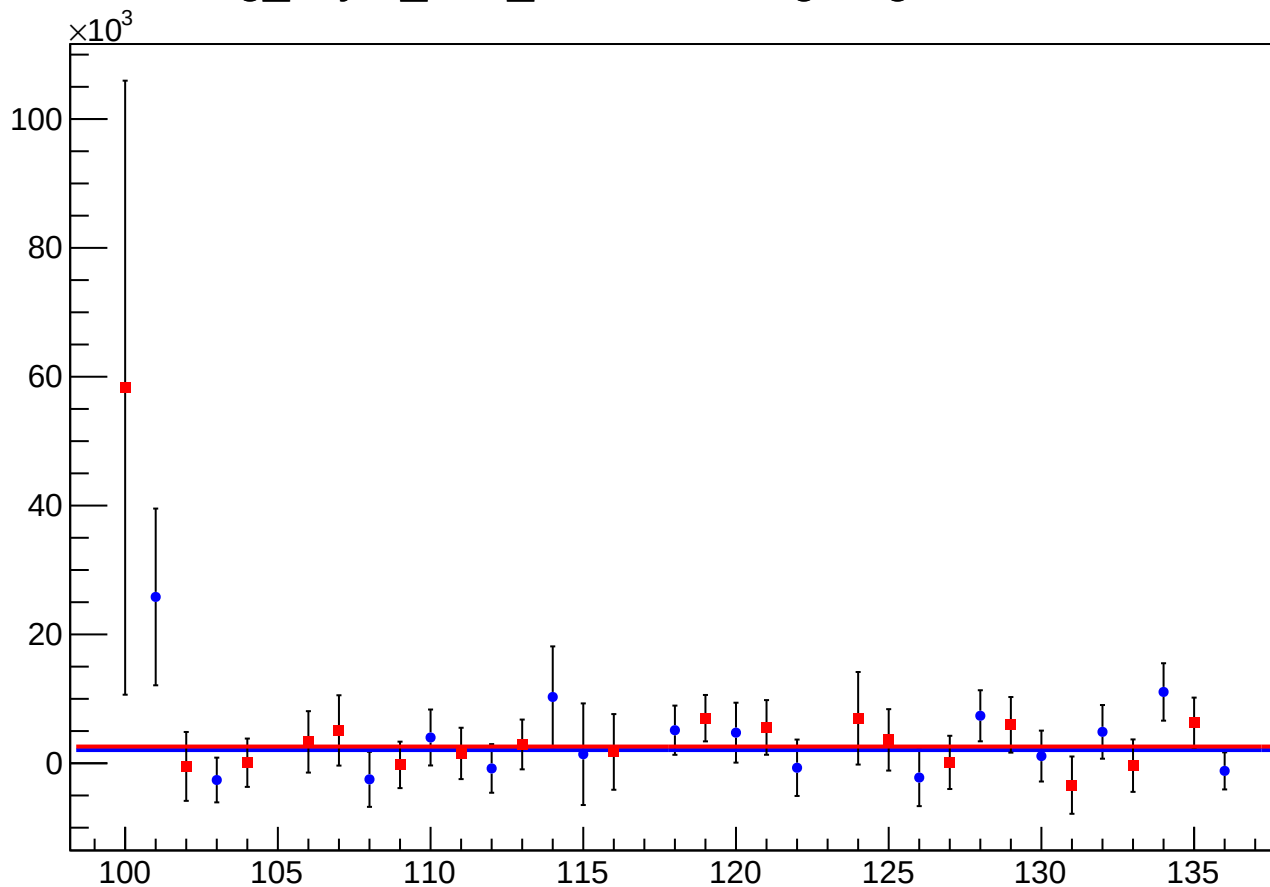
Right: 0.000+/-0.000 χ^2/NDF : 4107346.1/33

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 : 4107346.1/33

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: 2595.126 $\pm$ 1050.975 χ^2 /NDF: 9.7/17

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

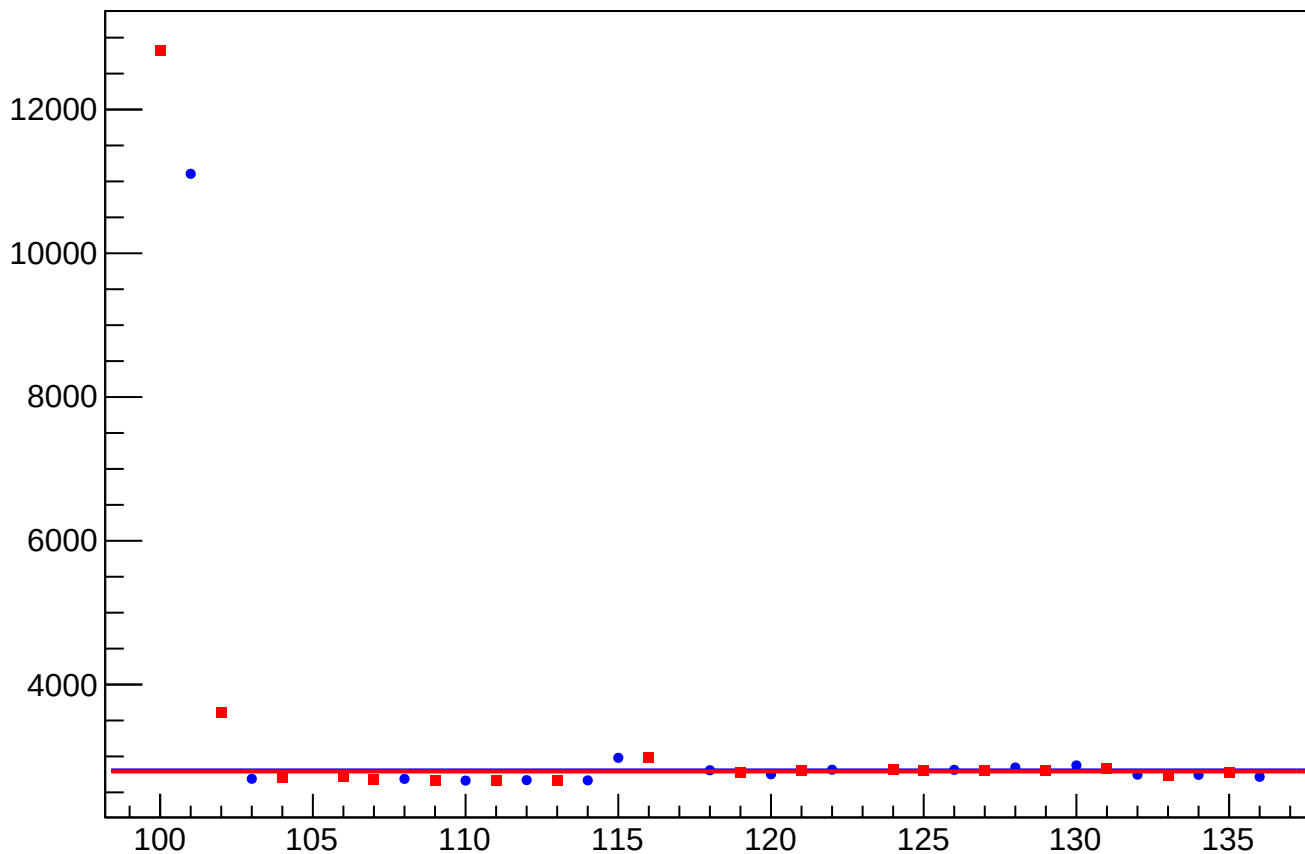
Right: 2327.304 $\pm$ 749.923 χ^2 /NDF: 27.7/33

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: 2327.304 $\pm$ 749.923 χ^2 /NDF: 27.7/33

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: 2790.794+/-0.743 χ^2/NDF : 146757.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

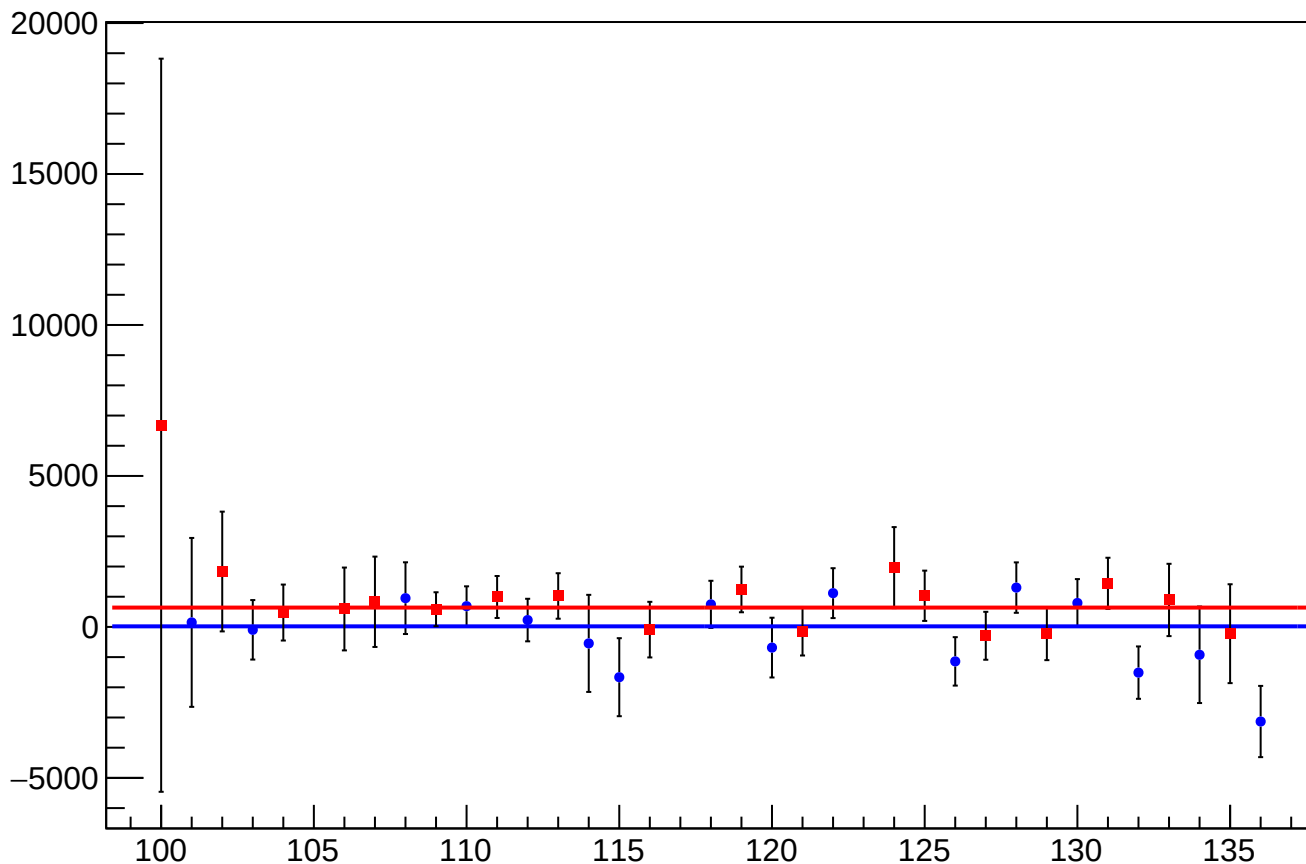
Right: 2797.986+/-0.530 χ^2/NDF : 893188.9/33

In: 2805.446+/-0.757 χ^2/NDF : 746240.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2797.986+/-0.530 χ^2/NDF : 893188.9/33

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: 640.587+/-216.643 χ^2/NDF : 8.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

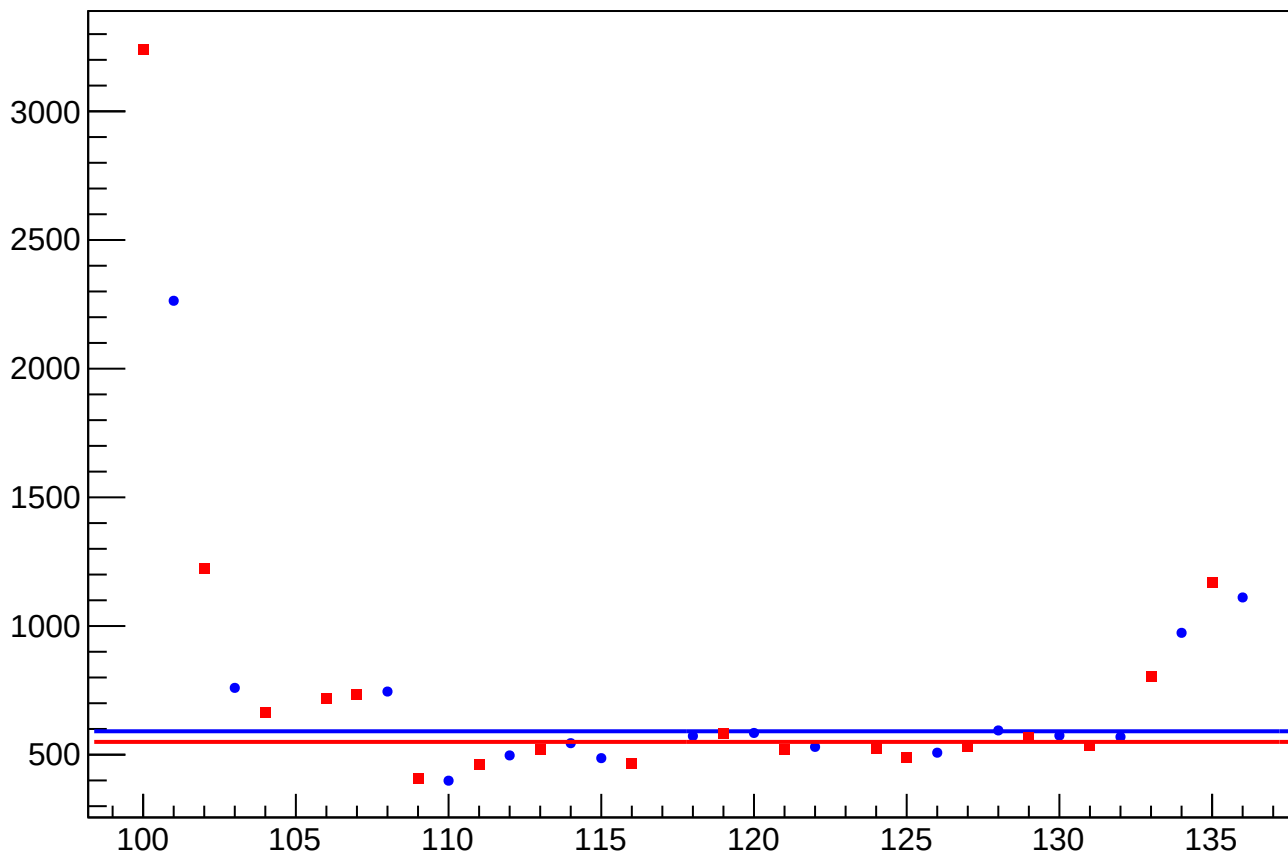
Right: 353.007+/-158.810 χ^2/NDF : 34.8/33

In: 18.981+/-233.483 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.007+/-158.810 χ^2/NDF : 34.8/33

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: 549.745+/-0.153 χ^2/NDF : 997531.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

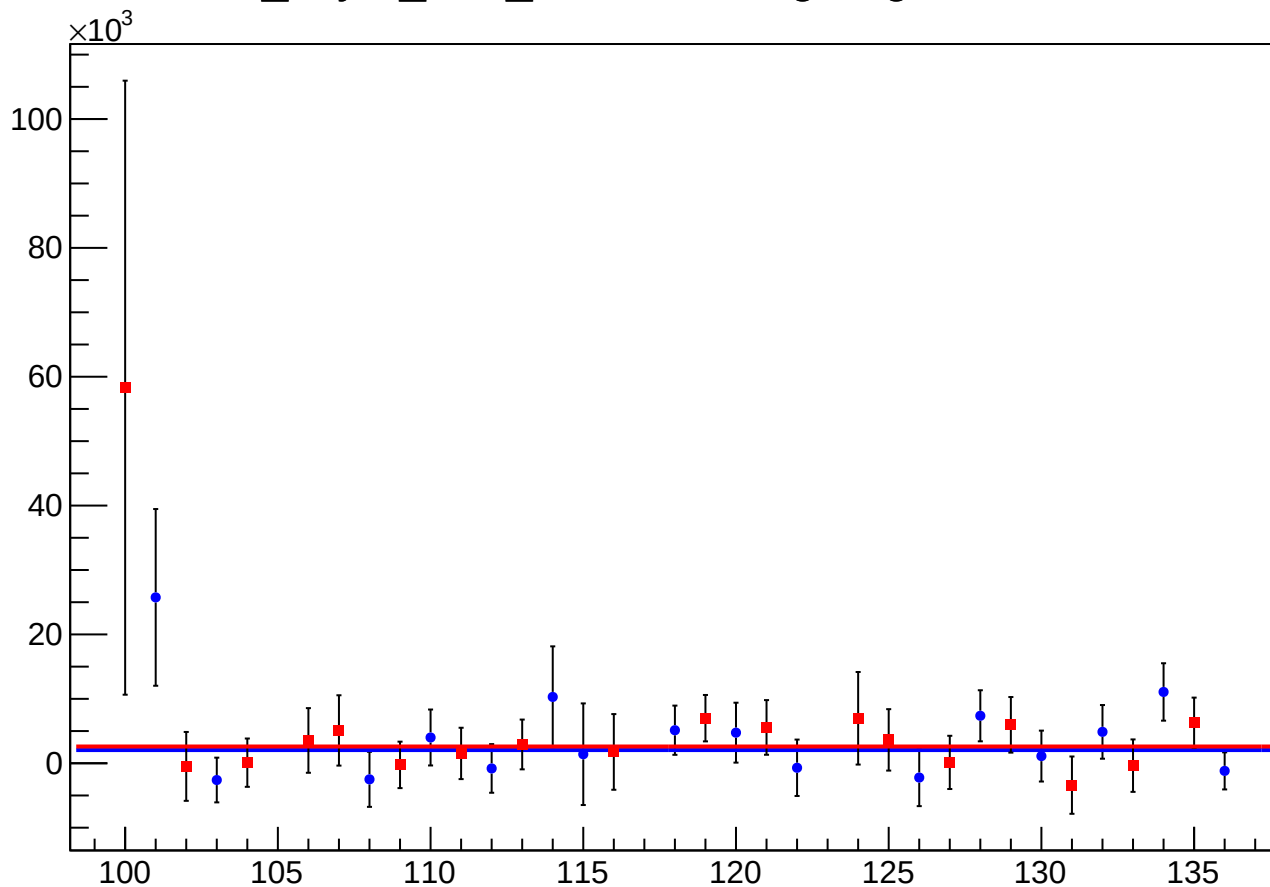
Right: 568.850+/-0.112 χ^2/NDF : 2598815.3/33

In: 591.041+/-0.165 χ^2/NDF : 1567663.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.850+/-0.112 χ^2/NDF : 2598815.3/33

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: 2602.270+/-1053.469 χ^2/NDF : 9.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

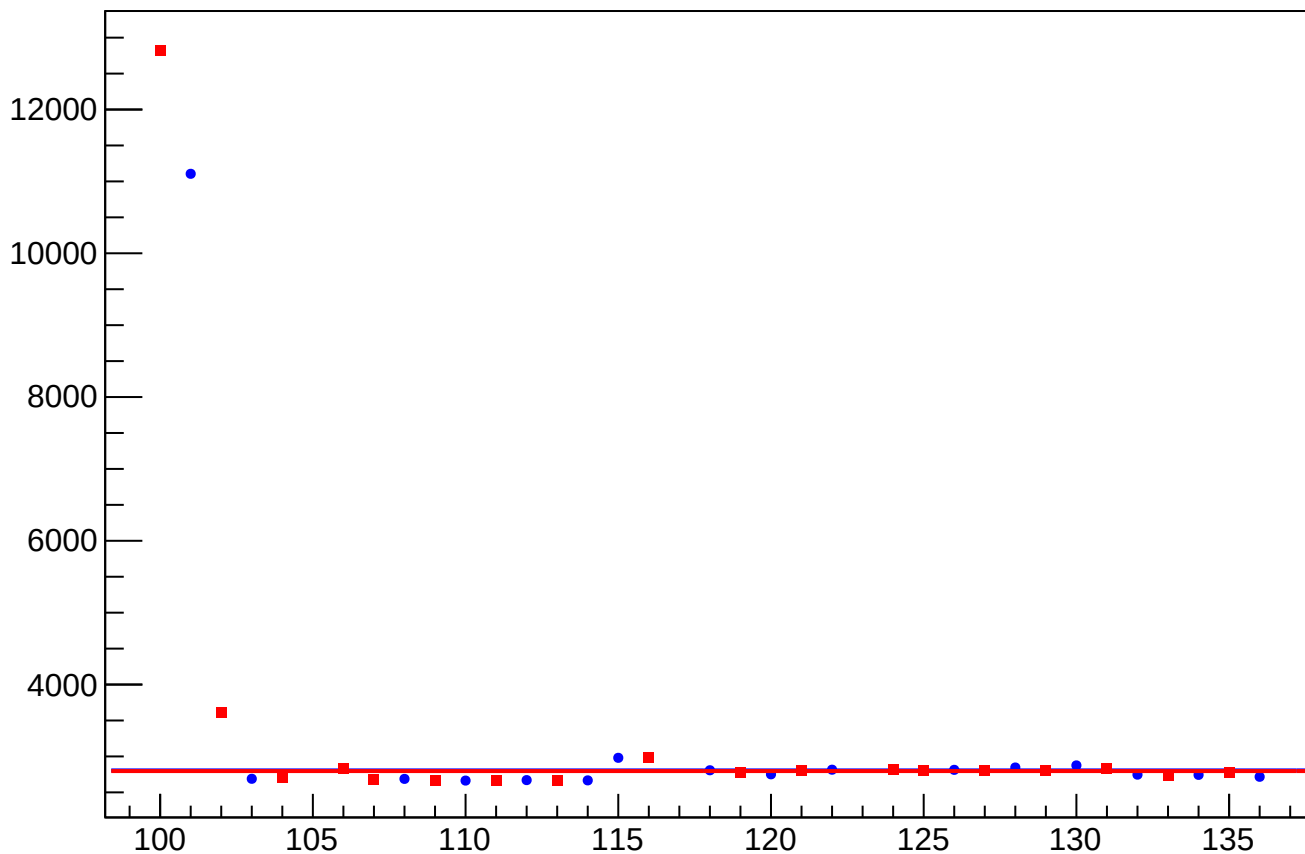
Right: 2329.890+/-750.828 χ^2/NDF : 27.6/33

In: 2048.688+/-1070.395 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.890+/-750.828 χ^2/NDF : 27.6/33

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: 2796.302+/-0.745 χ^2/NDF : 146462.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

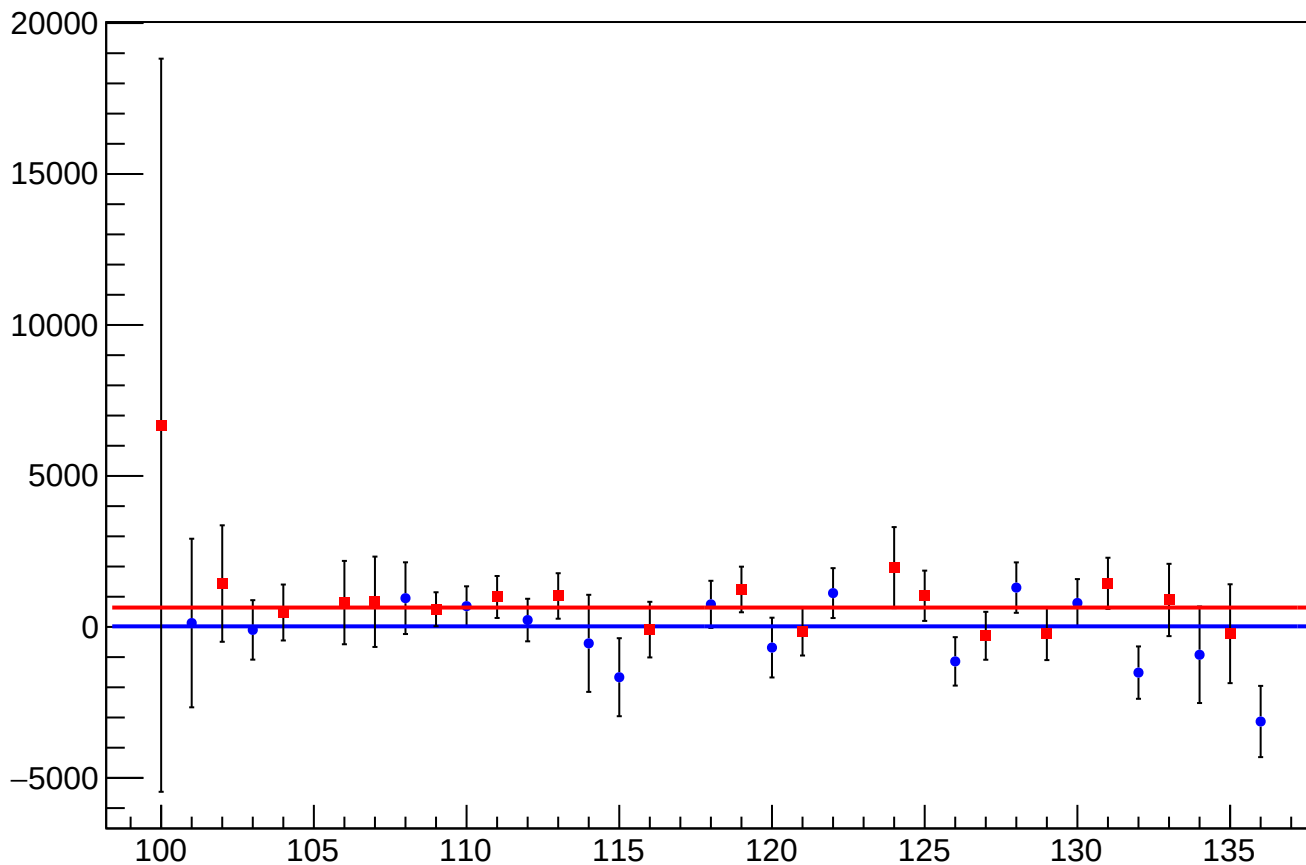
Right: 2800.801+/-0.531 χ^2/NDF : 892776.4/33

In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2800.801+/-0.531 χ^2/NDF : 892776.4/33

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: 641.699+/-216.596 χ^2/NDF : 8.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

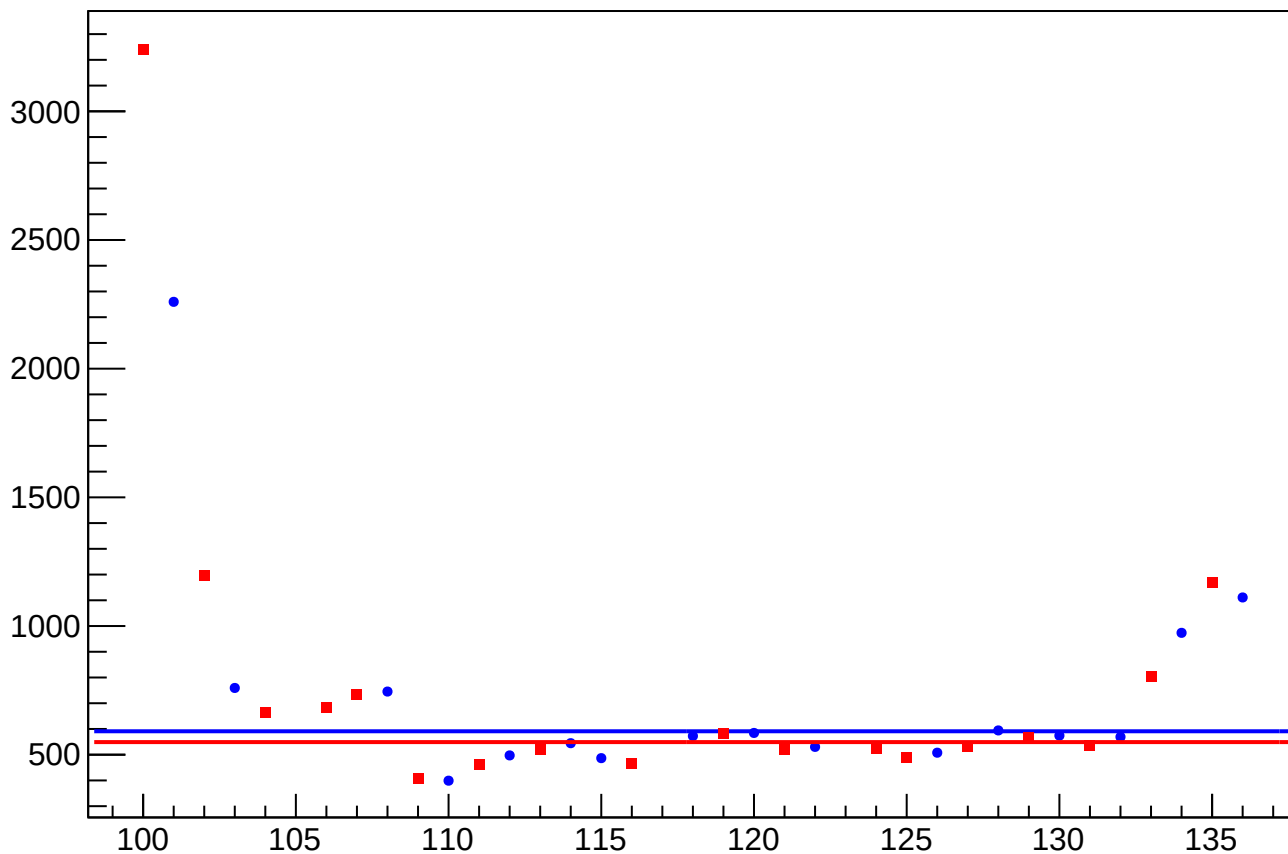
Right: 353.637+/-158.788 χ^2/NDF : 34.7/33

In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.637+/-158.788 χ^2/NDF : 34.7/33

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: 548.994+/-0.153 χ^2/NDF : 981988.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

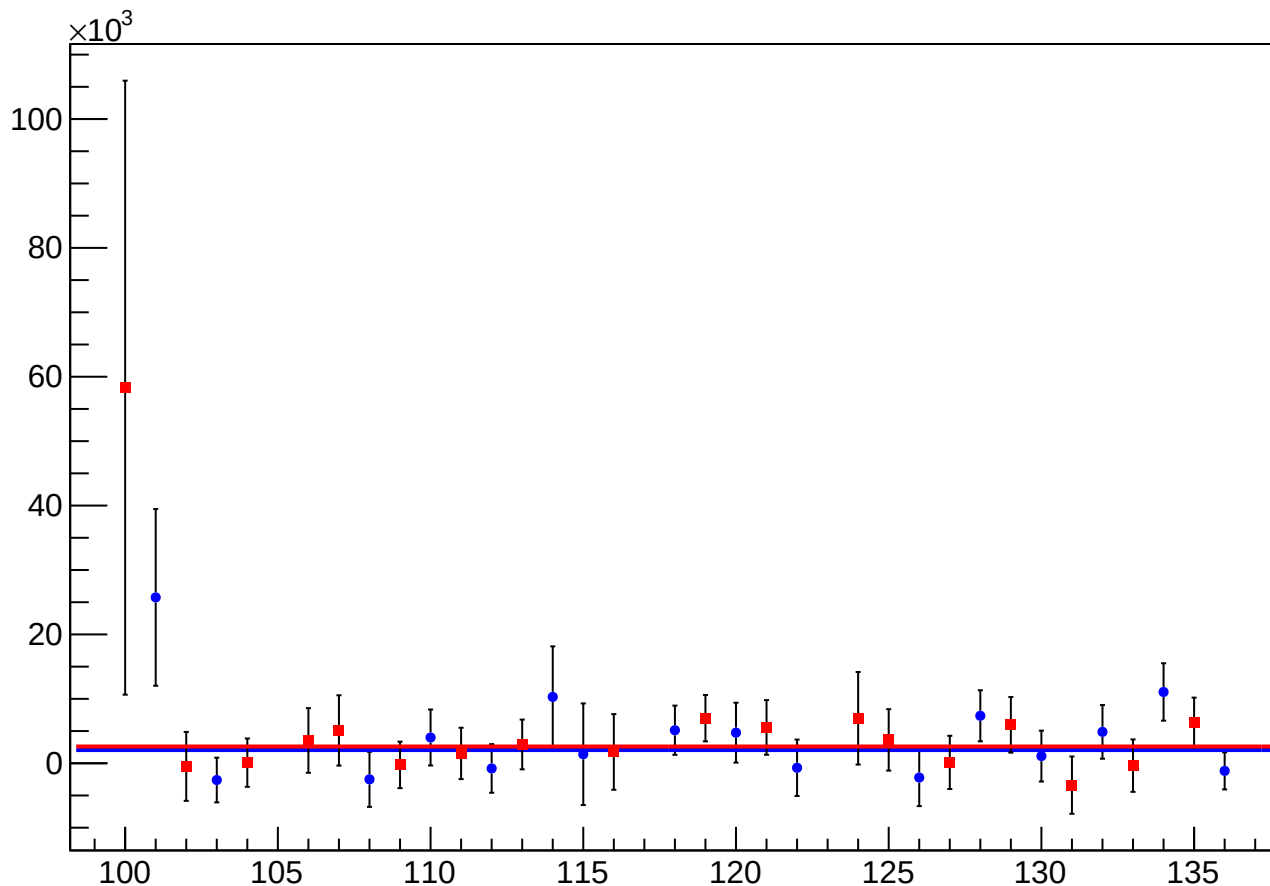
Right: 568.442+/-0.112 χ^2/NDF : 2583485.1/33

In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.442+/-0.112 χ^2/NDF : 2583485.1/33

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: 2602.270+/-1053.469 χ^2/NDF : 9.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

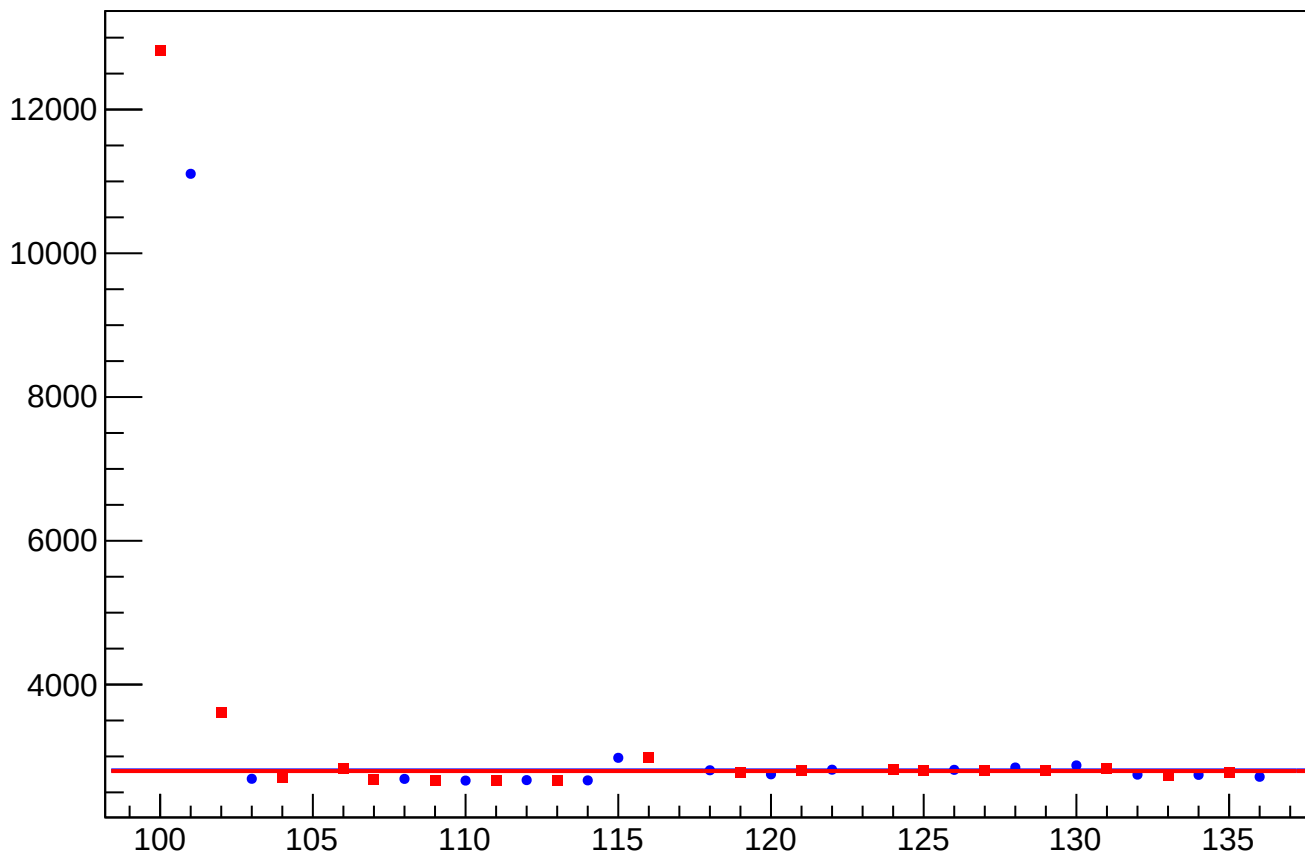
Right: 2329.890+/-750.828 χ^2/NDF : 27.6/33

In: 2048.688+/-1070.395 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.890+/-750.828 χ^2/NDF : 27.6/33

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: 2796.302+/-0.745 χ^2/NDF : 146462.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

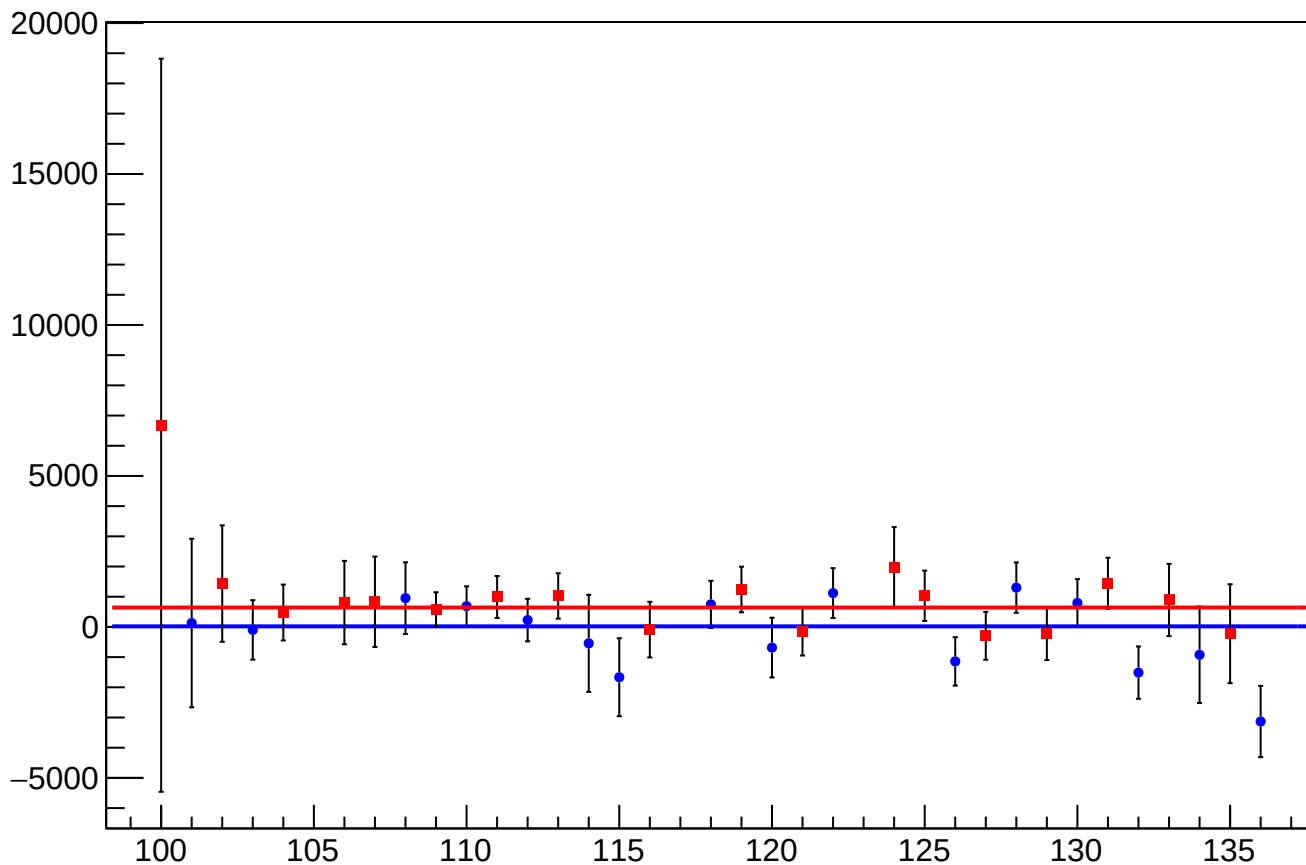
Right: 2800.801+/-0.531 χ^2/NDF : 892776.4/33

In: 2805.446+/-0.757 χ^2/NDF : 746239.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2800.801+/-0.531 χ^2/NDF : 892776.4/33

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: 641.699+/-216.596 χ^2/NDF : 8.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

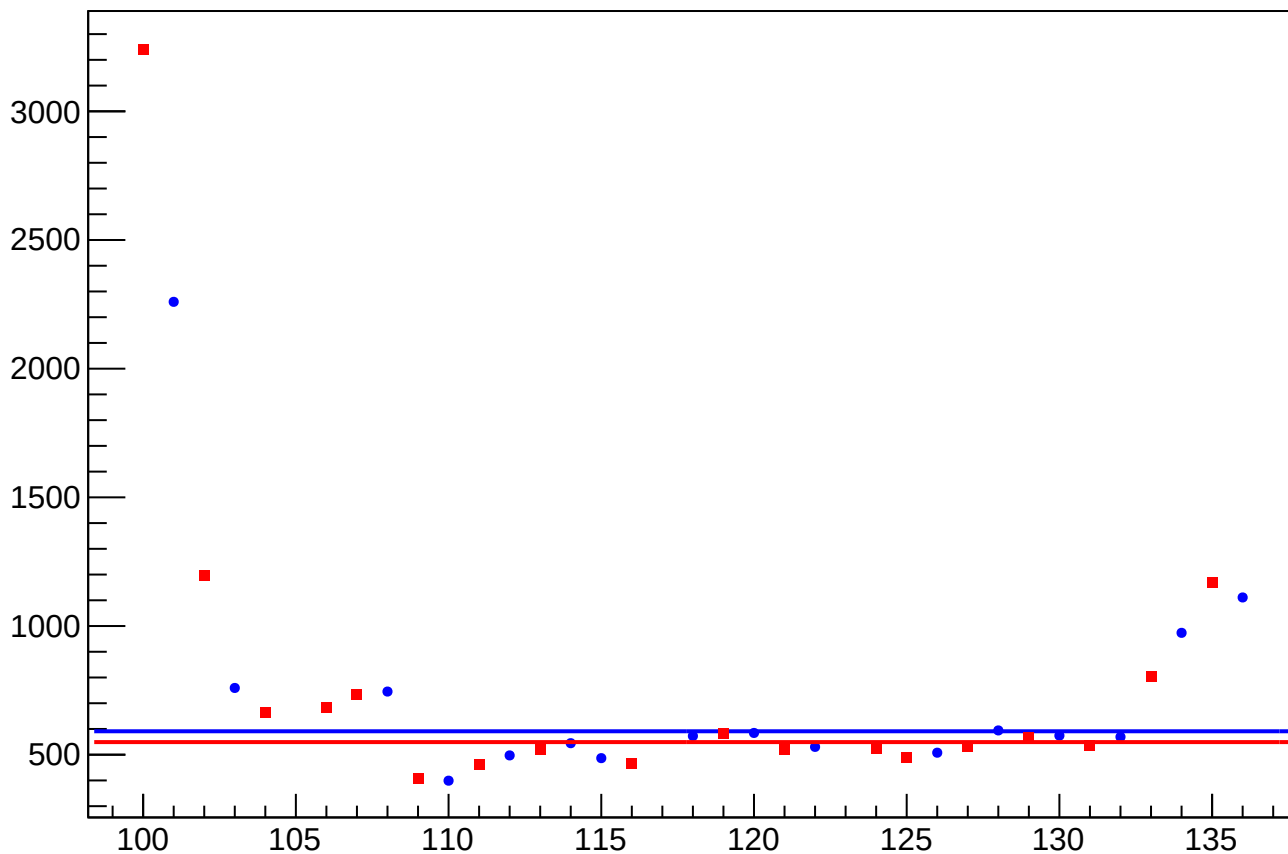
Right: 353.637+/-158.788 χ^2/NDF : 34.7/33

In: 18.940+/-233.471 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.637+/-158.788 χ^2/NDF : 34.7/33

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: 548.994+/-0.153 χ^2/NDF : 981988.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

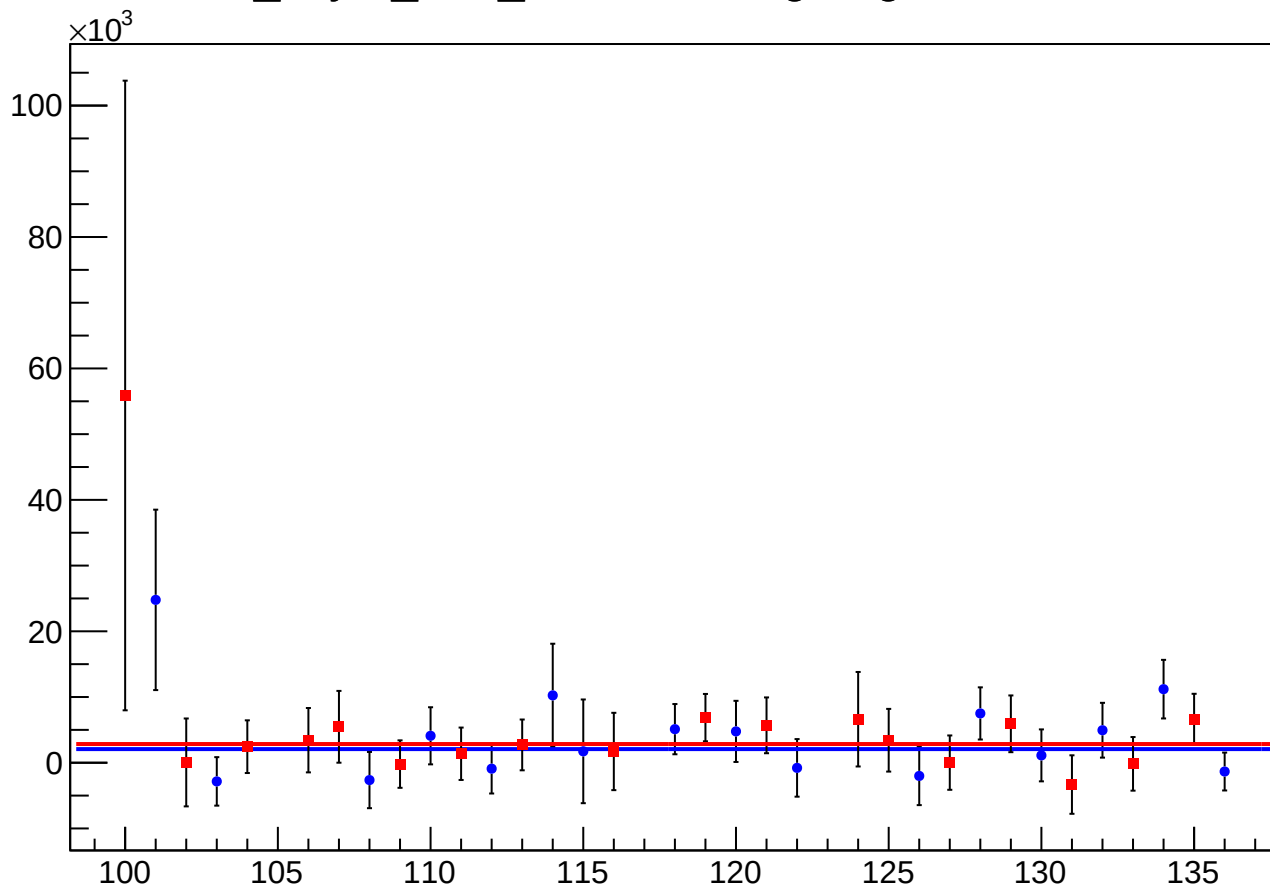
Right: 568.442+/-0.112 χ^2/NDF : 2583485.1/33

In: 591.039+/-0.165 χ^2/NDF : 1566635.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 568.442+/-0.112 χ^2/NDF : 2583485.1/33

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: 2844.488+/-1065.924 χ^2 /NDF: 8.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

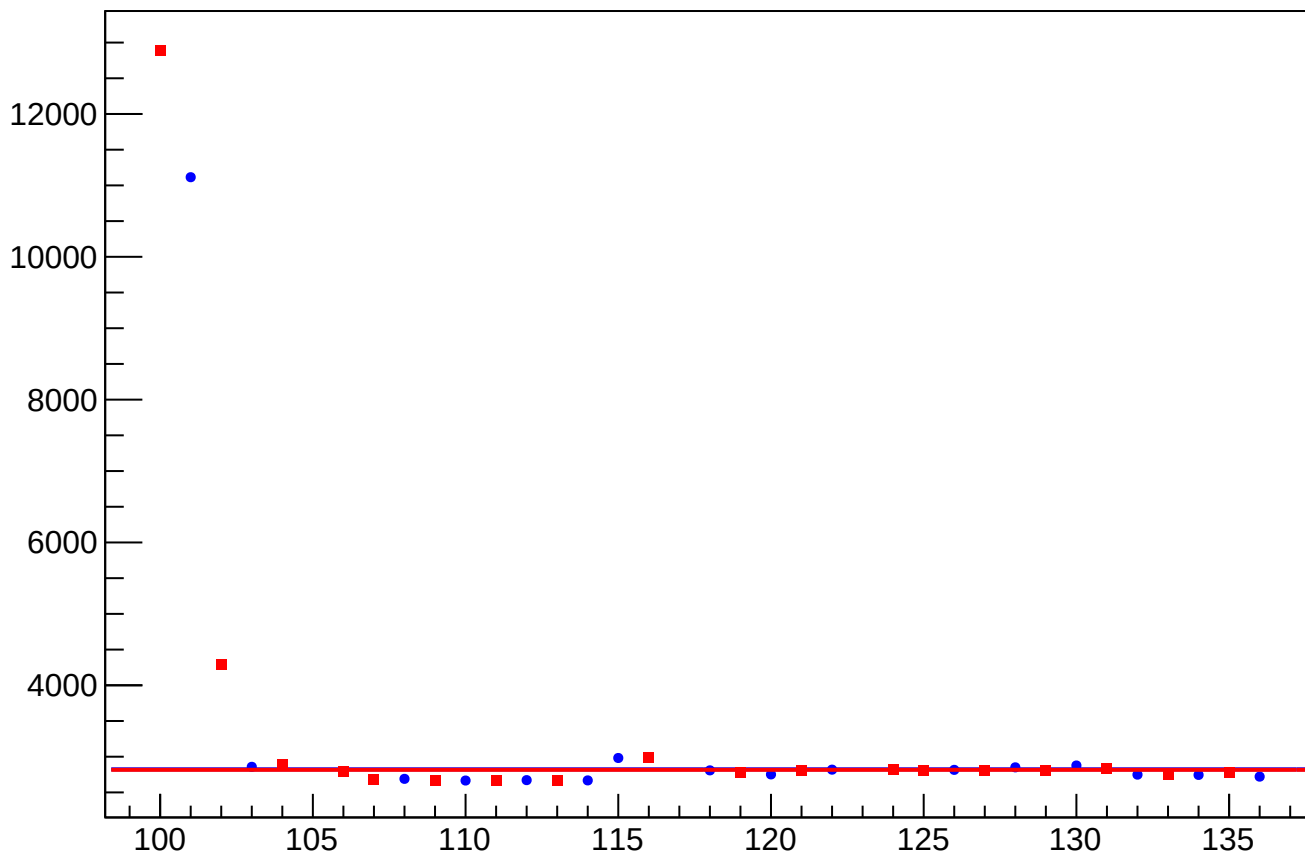
Right: 2463.670+/-757.671 χ^2 /NDF: 27.0/33

In: 2074.766+/-1077.182 χ^2 /NDF:17.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2463.670+/-757.671 χ^2 /NDF: 27.0/33

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: 2816.317+/-0.754 χ^2/NDF : 200145.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

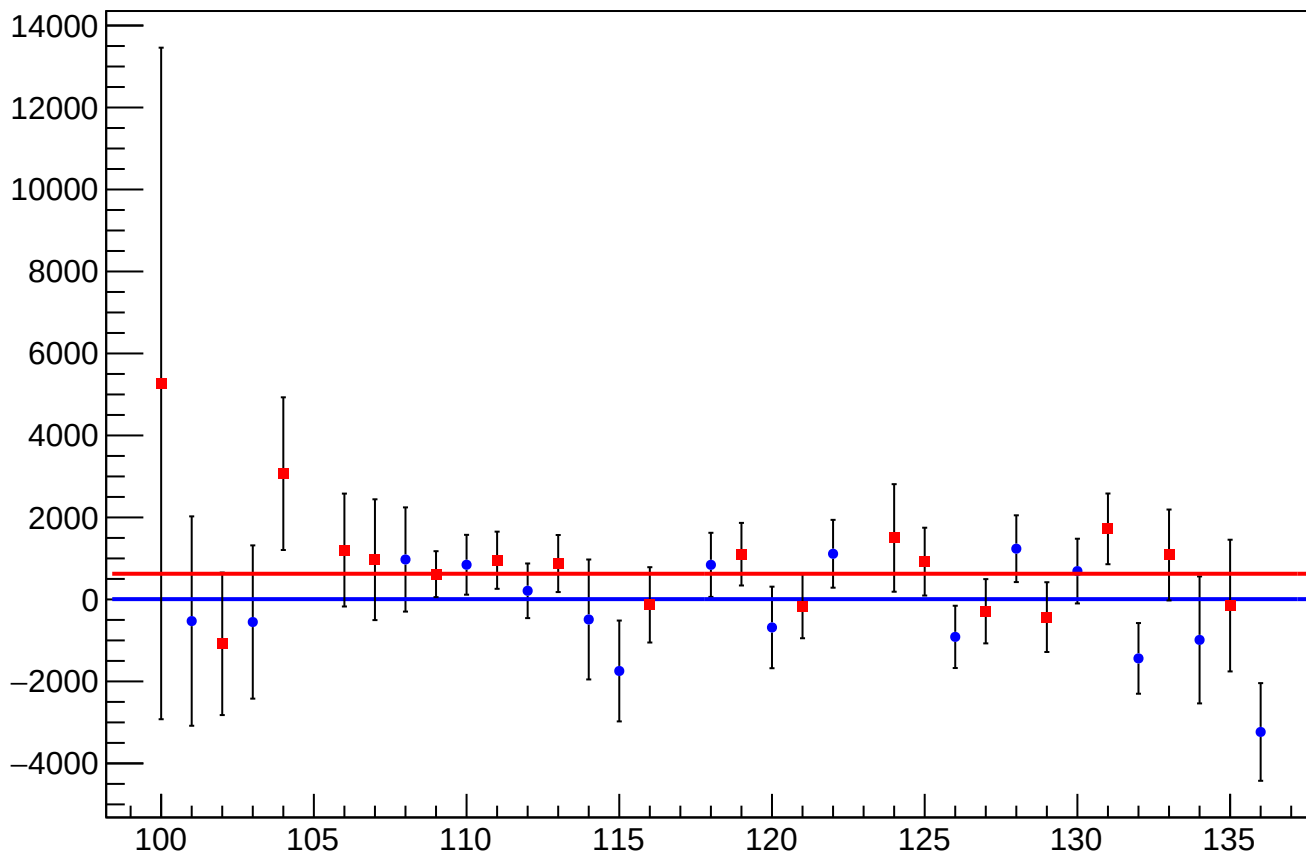
Right: 2819.845+/-0.536 χ^2/NDF : 944105.5/33

In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.845+/-0.536 χ^2/NDF : 944105.5/33

asym_atr1_dit_correction_mean vs Slug, Sign Corrected



Right In: 7.048 ± 237.455 χ^2/NDF : 22.8/15

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

Right Out: 626.130 ± 217.895 χ^2/NDF : 11.2/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

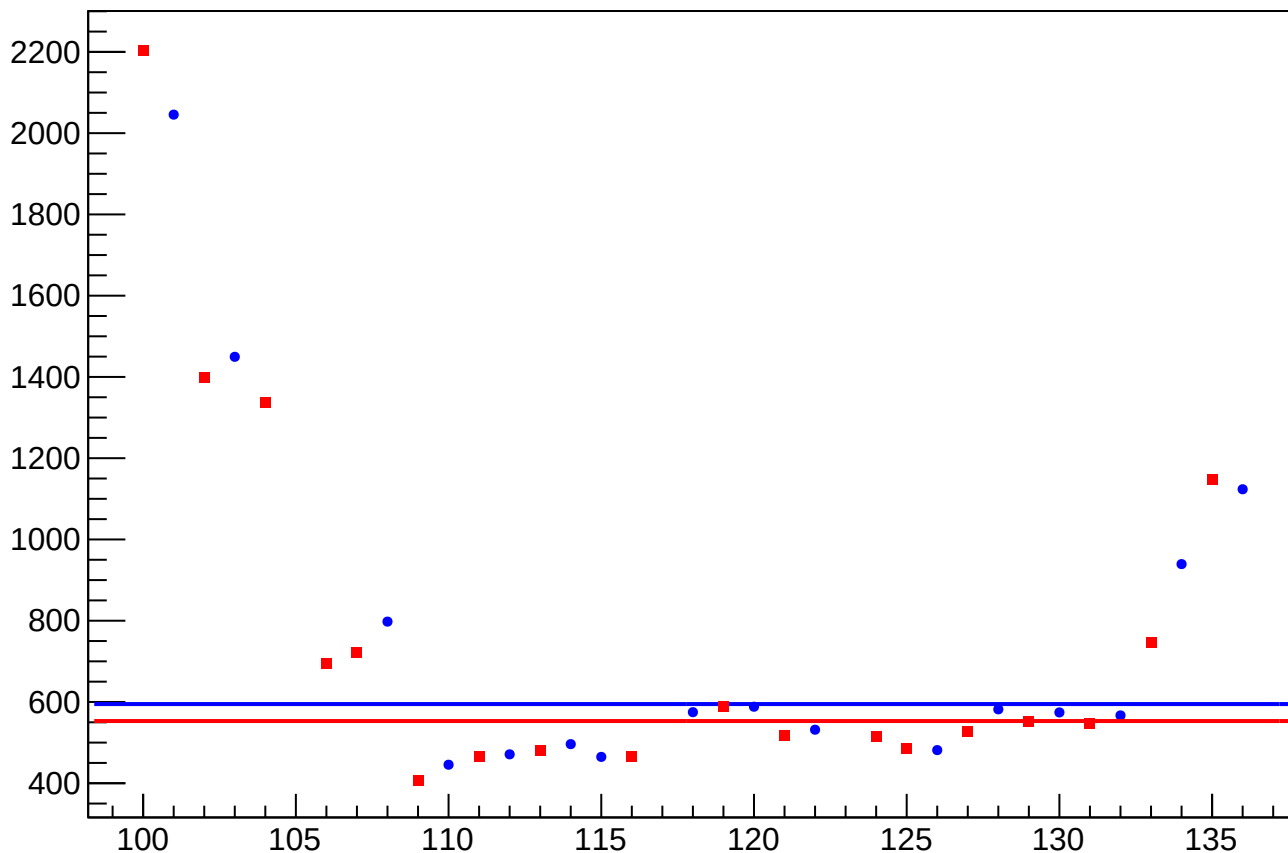
Right: 343.133 ± 160.546 χ^2/NDF : 37.7/33

In: 7.048 ± 237.455 χ^2/NDF : 22.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 343.133 ± 160.546 χ^2/NDF : 37.7/33

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: 553.088+/-0.154 χ^2/NDF : 1524831.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

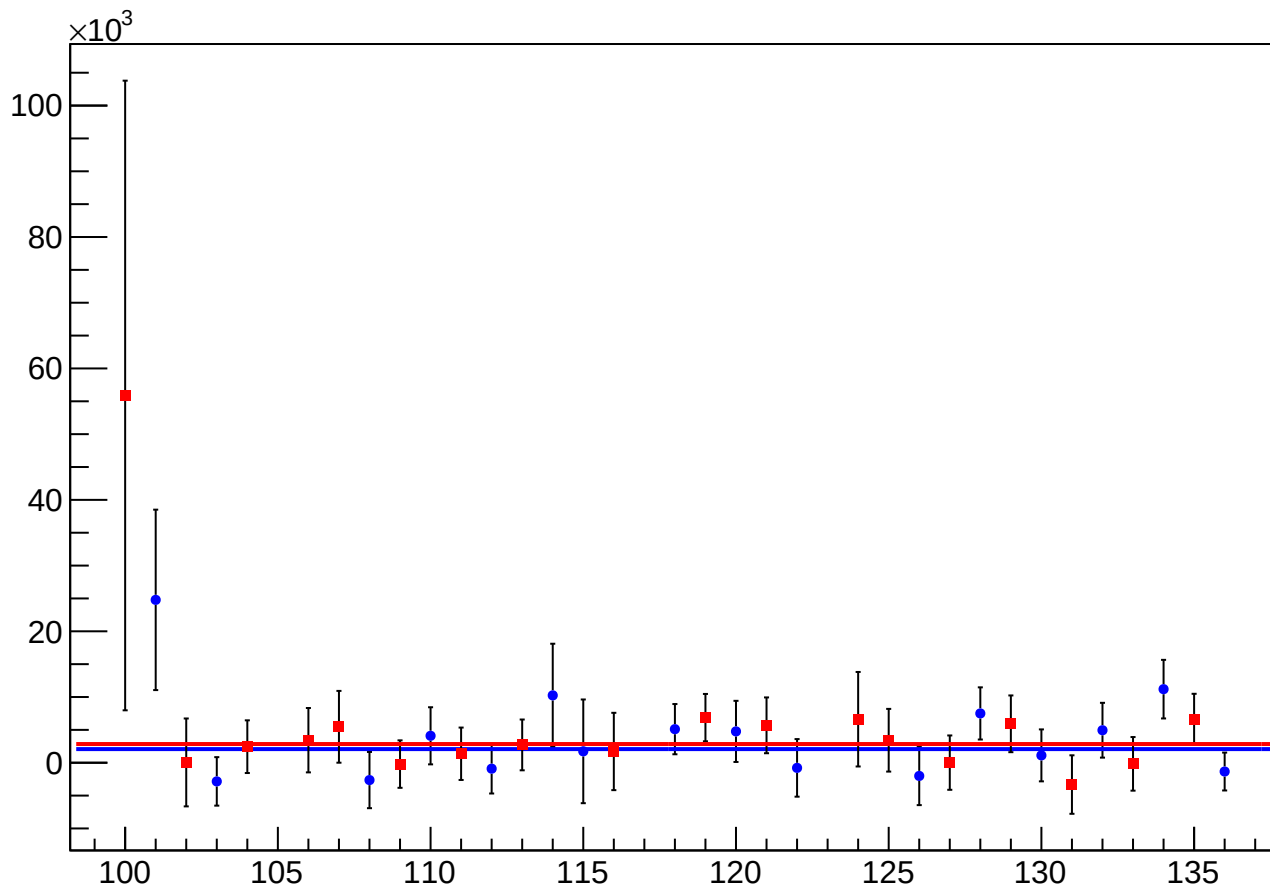
Right: 572.182+/-0.114 χ^2/NDF : 3411083.4/33

In: 594.858+/-0.168 χ^2/NDF :1852655.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 572.182+/-0.114 χ^2/NDF : 3411083.4/33

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: 2844.487+/-1065.924 χ^2/NDF : 8.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

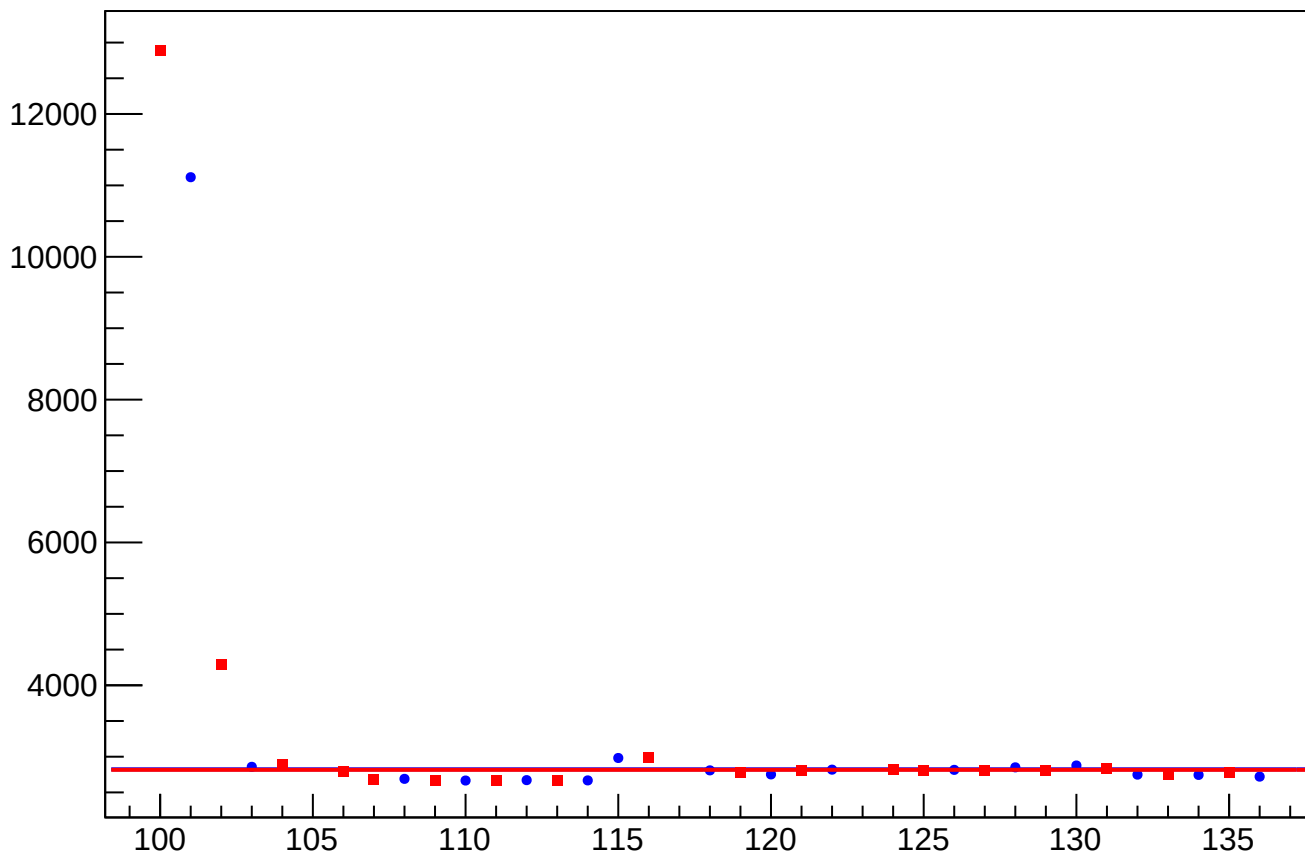
Right: 2463.669+/-757.671 χ^2/NDF : 27.0/33

In: 2074.766+/-1077.182 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2463.669+/-757.671 χ^2/NDF : 27.0/33

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: 2816.317+/-0.754 χ^2/NDF : 200145.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

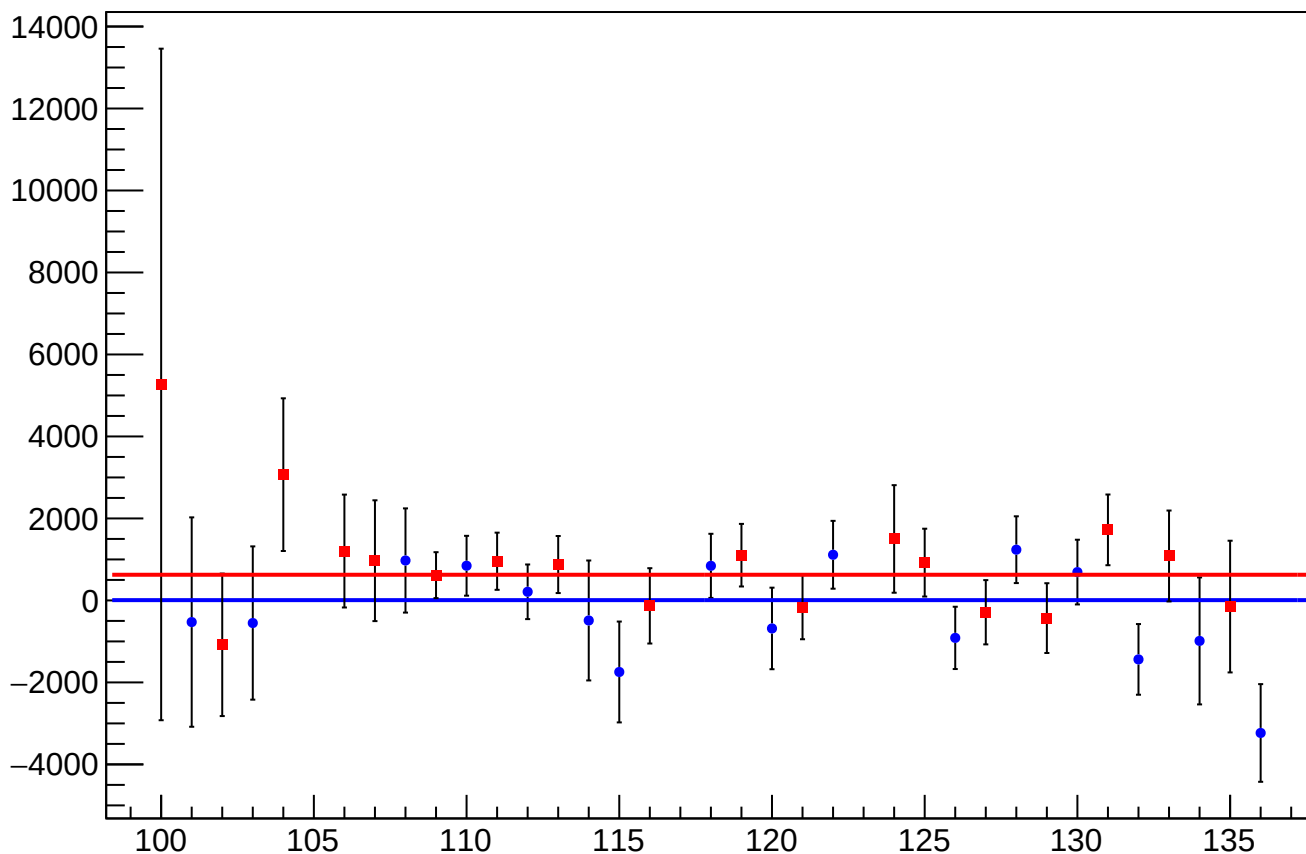
Right: 2819.845+/-0.536 χ^2/NDF : 944105.3/33

In: 2823.448+/-0.762 χ^2/NDF : 743916.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2819.845+/-0.536 χ^2/NDF : 944105.3/33

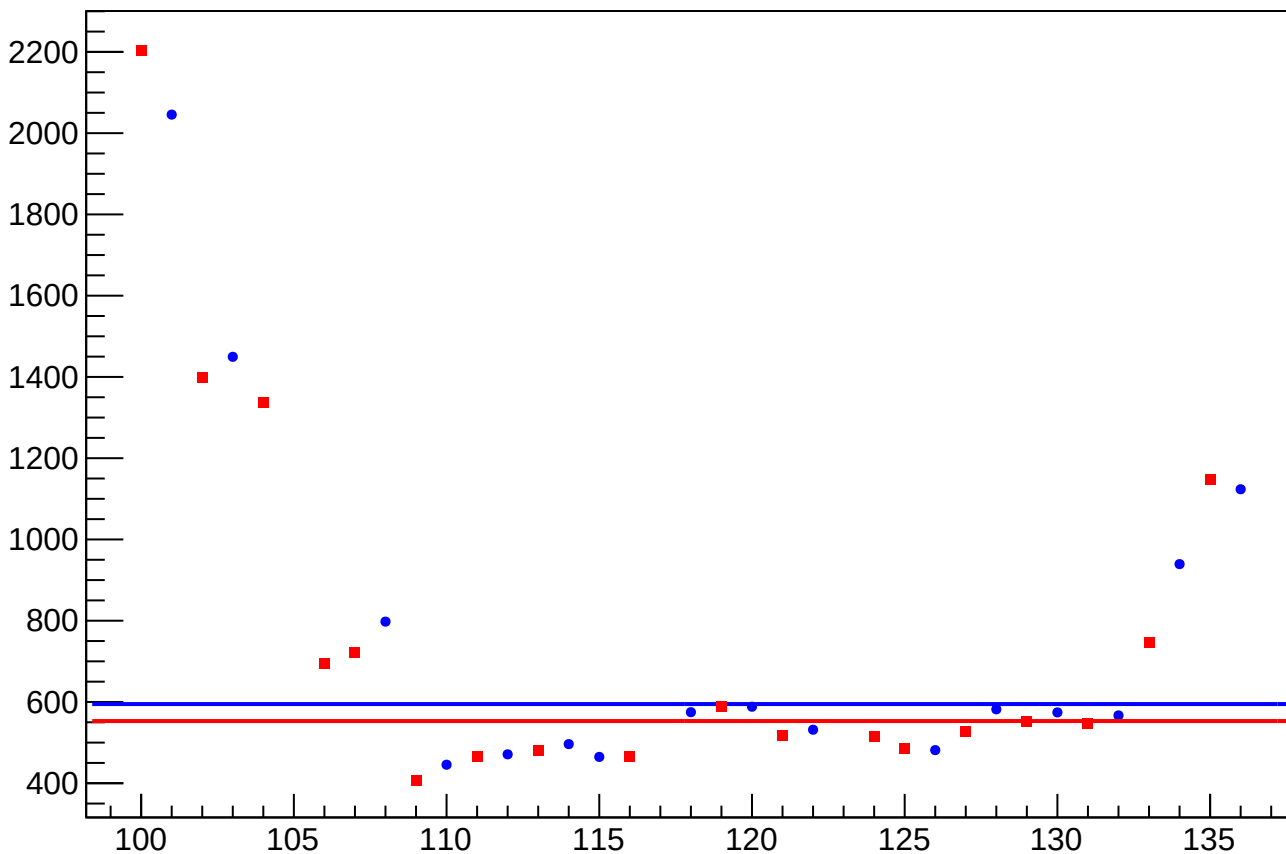
asym_atr1_eigen_dit_correction_mean vs Slug, Sign Corrected



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: 626.130+/-217.895 χ^2/NDF : 11.2/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 343.133+/-160.546 χ^2/NDF : 37.7/33
 In: 7.049+/-237.455 χ^2/NDF : 22.8/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 343.133+/-160.546 χ^2/NDF : 37.7/33

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: 553.088+/-0.154 χ^2/NDF : 1524828.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

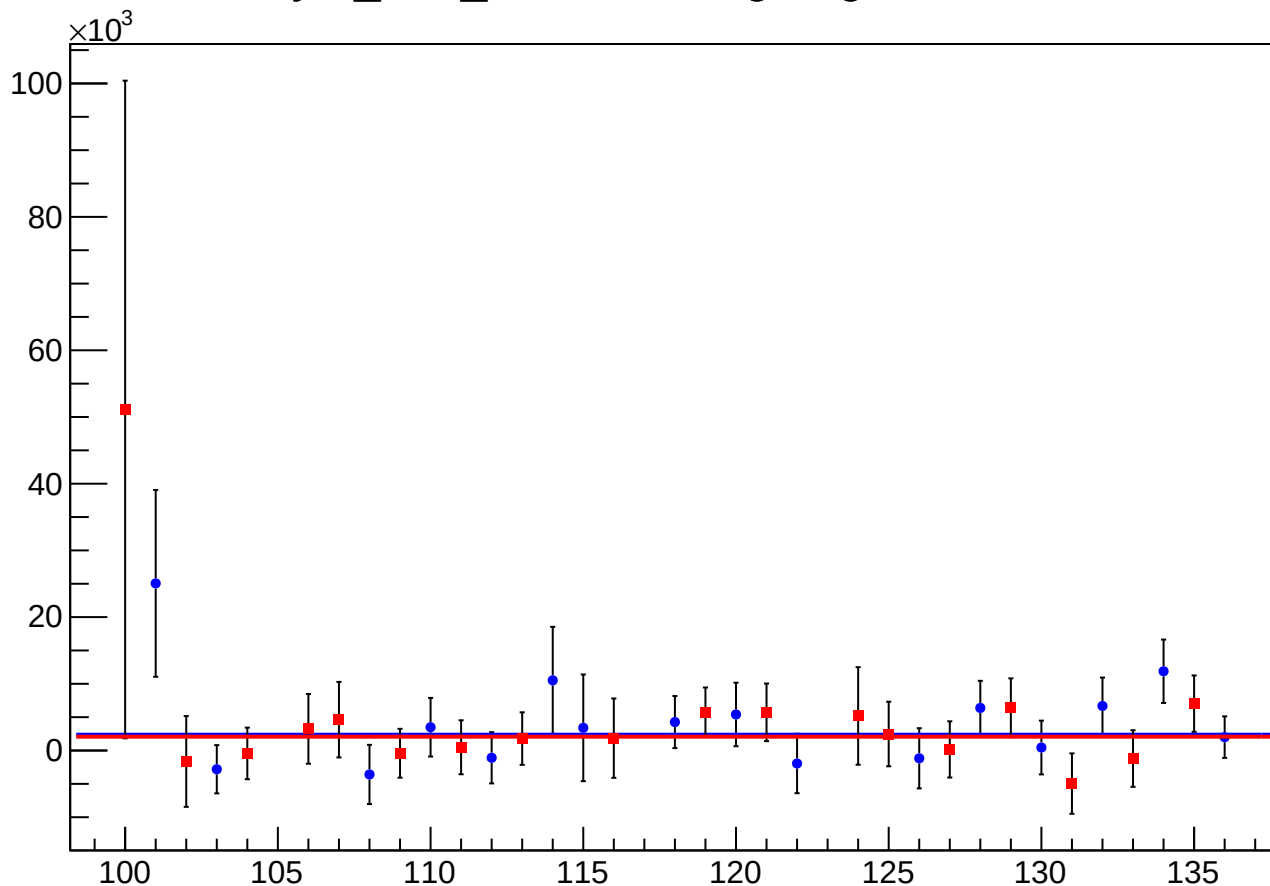
Right: 572.182+/-0.114 χ^2/NDF : 3411075.5/33

In: 594.858+/-0.168 χ^2/NDF : 1852649.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 572.182+/-0.114 χ^2/NDF : 3411075.5/33

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: 2073.590+/-1089.719 χ^2/NDF : 10.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

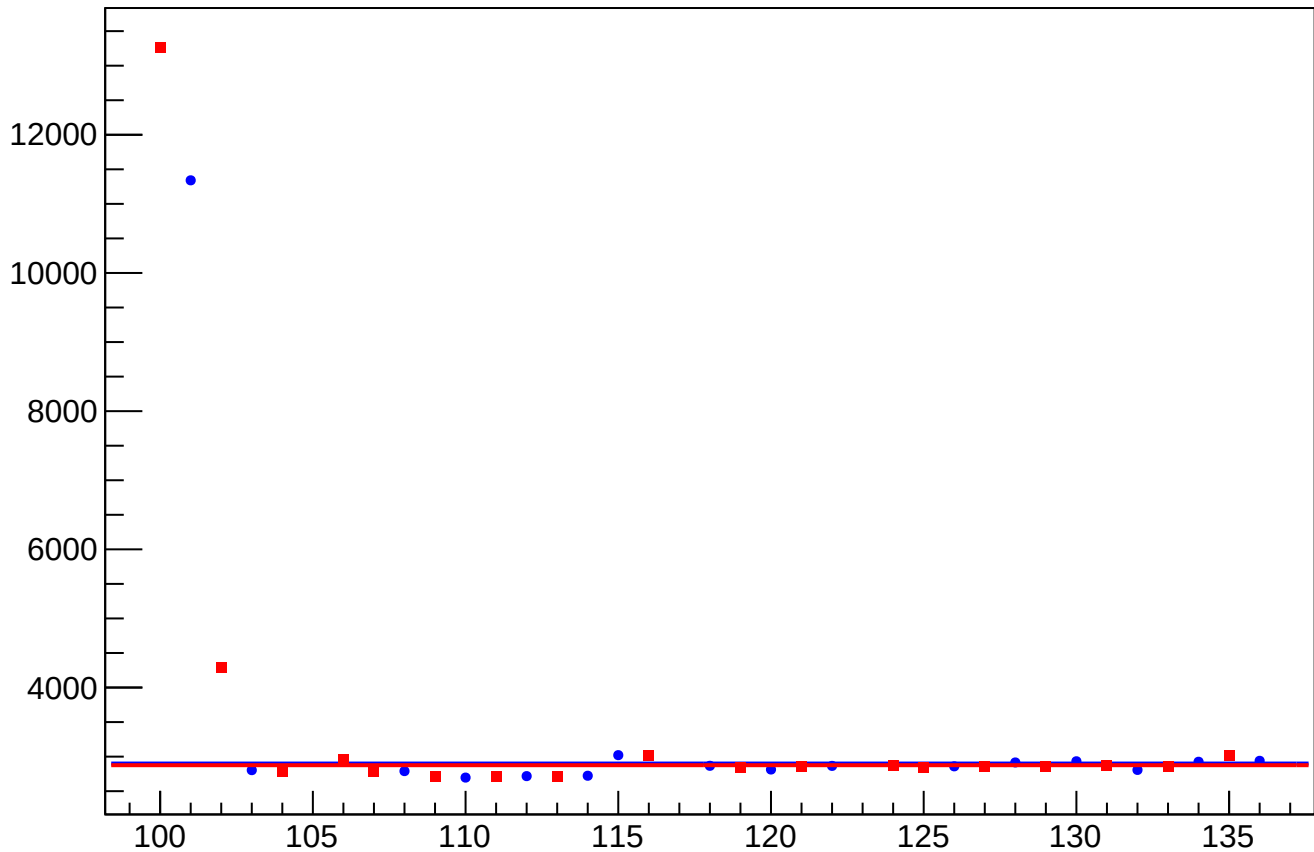
Right: 2218.178+/-776.310 χ^2/NDF : 26.9/33

In: 2367.173+/-1106.203 χ^2/NDF : 16.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2218.178+/-776.310 χ^2/NDF : 26.9/33

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: 2876.071+/-0.771 χ^2/NDF : 192748.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

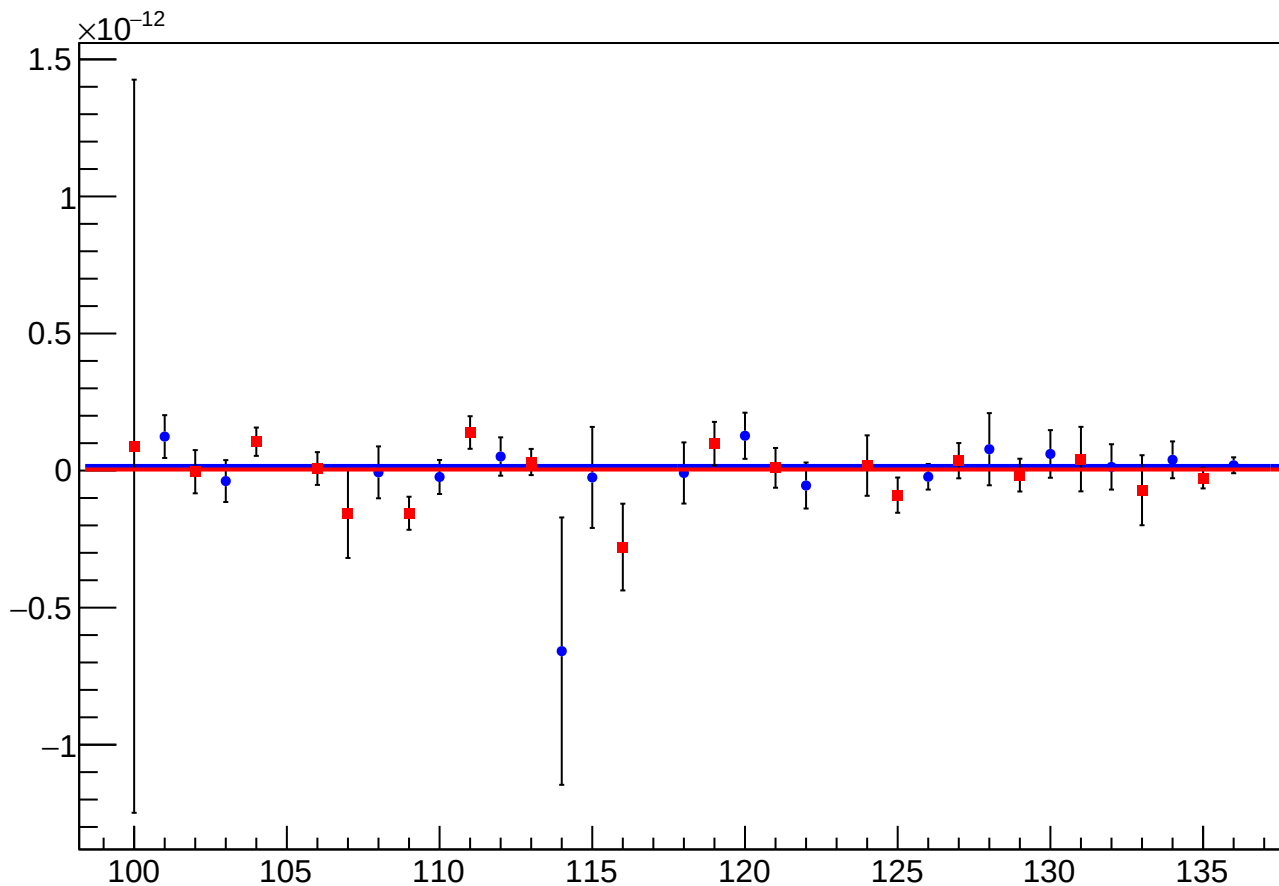
Right: 2887.771+/-0.549 χ^2/NDF : 935034.7/33

In: 2899.827+/-0.782 χ^2/NDF : 741818.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2887.771+/-0.549 χ^2/NDF : 935034.7/33

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 : 25.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

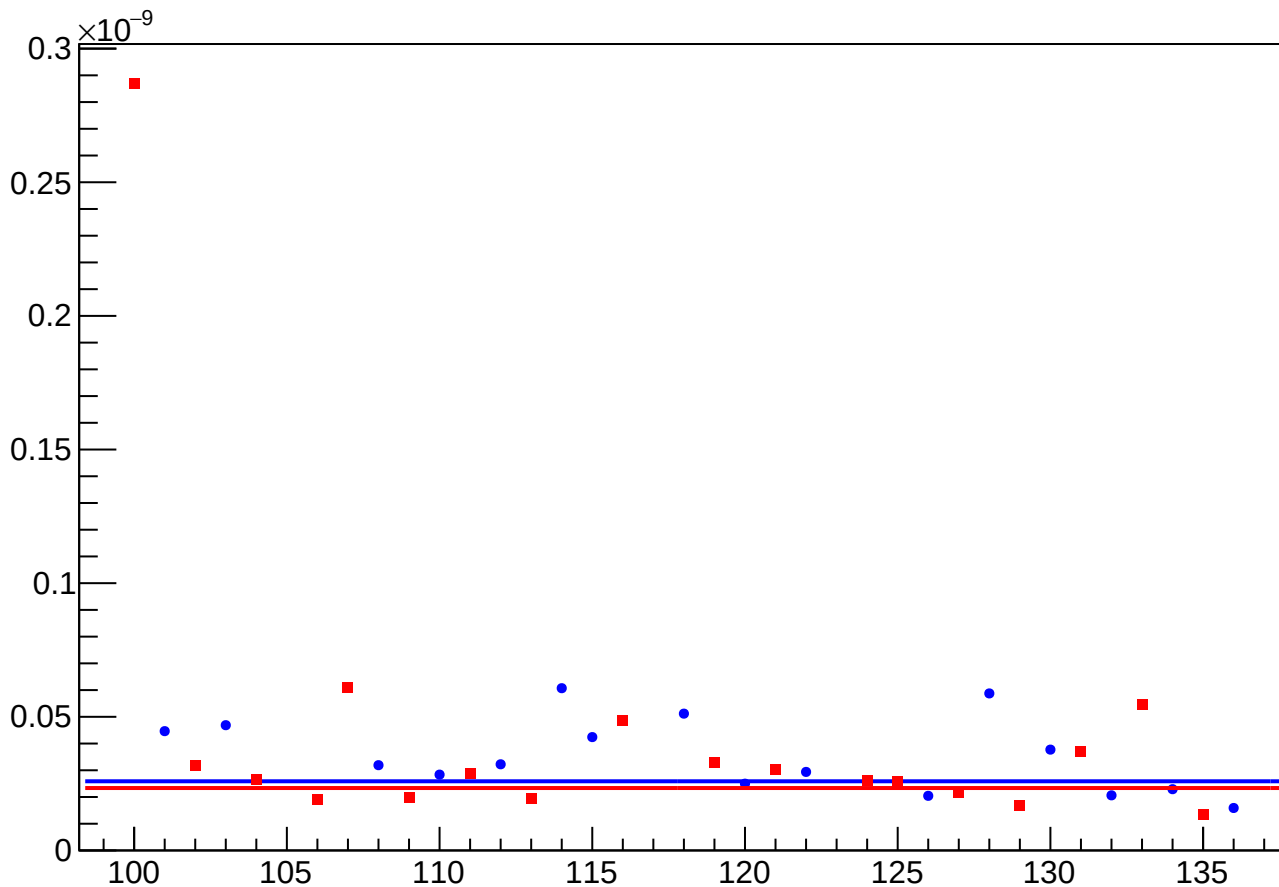
Right: 0.000+/-0.000 χ^2/NDF : 34.8/33

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 : 34.8/33

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 : 681513.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

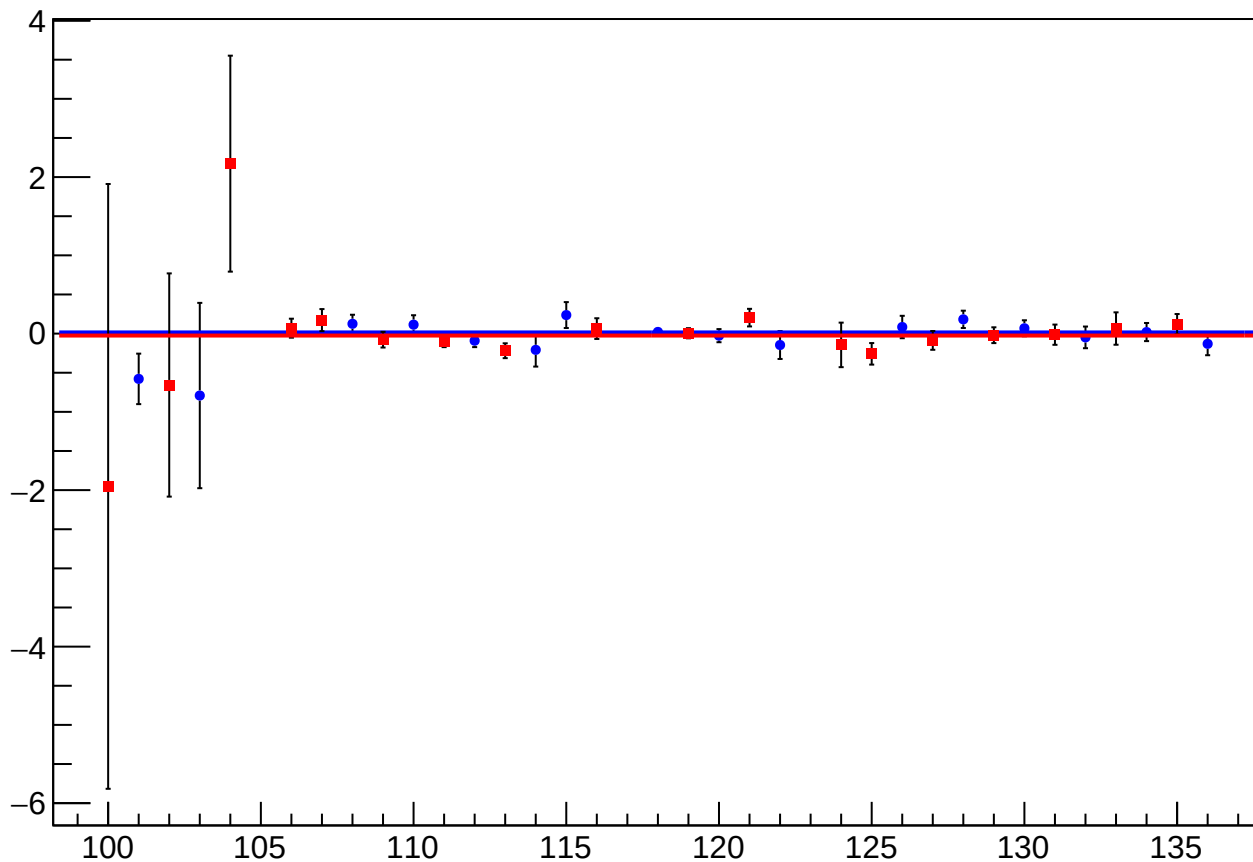
Right: 0.000+/-0.000 χ^2/NDF : 1570676.8/33

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 : 1570676.8/33

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: -0.025 $\pm$ 0.028 χ^2 /NDF: 20.6/17

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

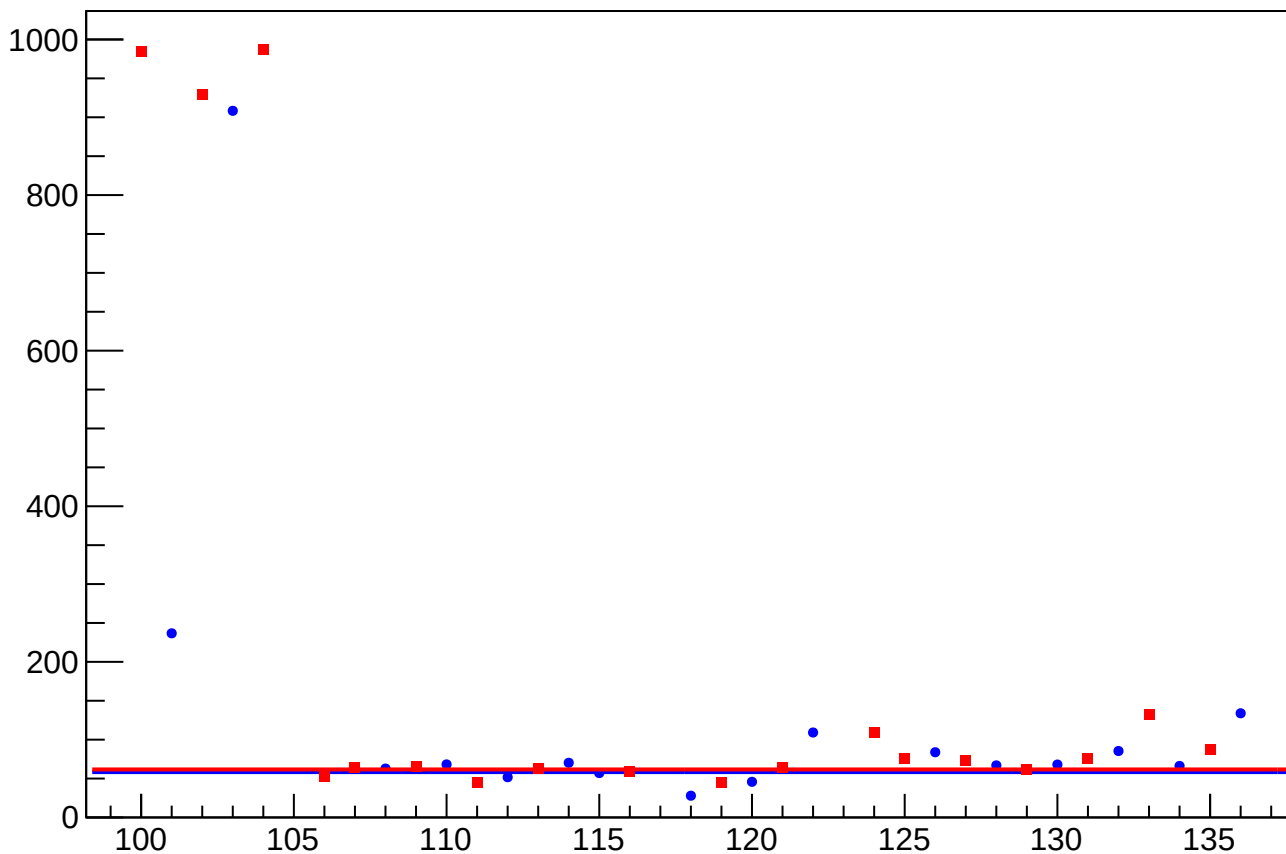
Right: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

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: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

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: 61.710+/-0.020 χ^2/NDF : 2451084.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

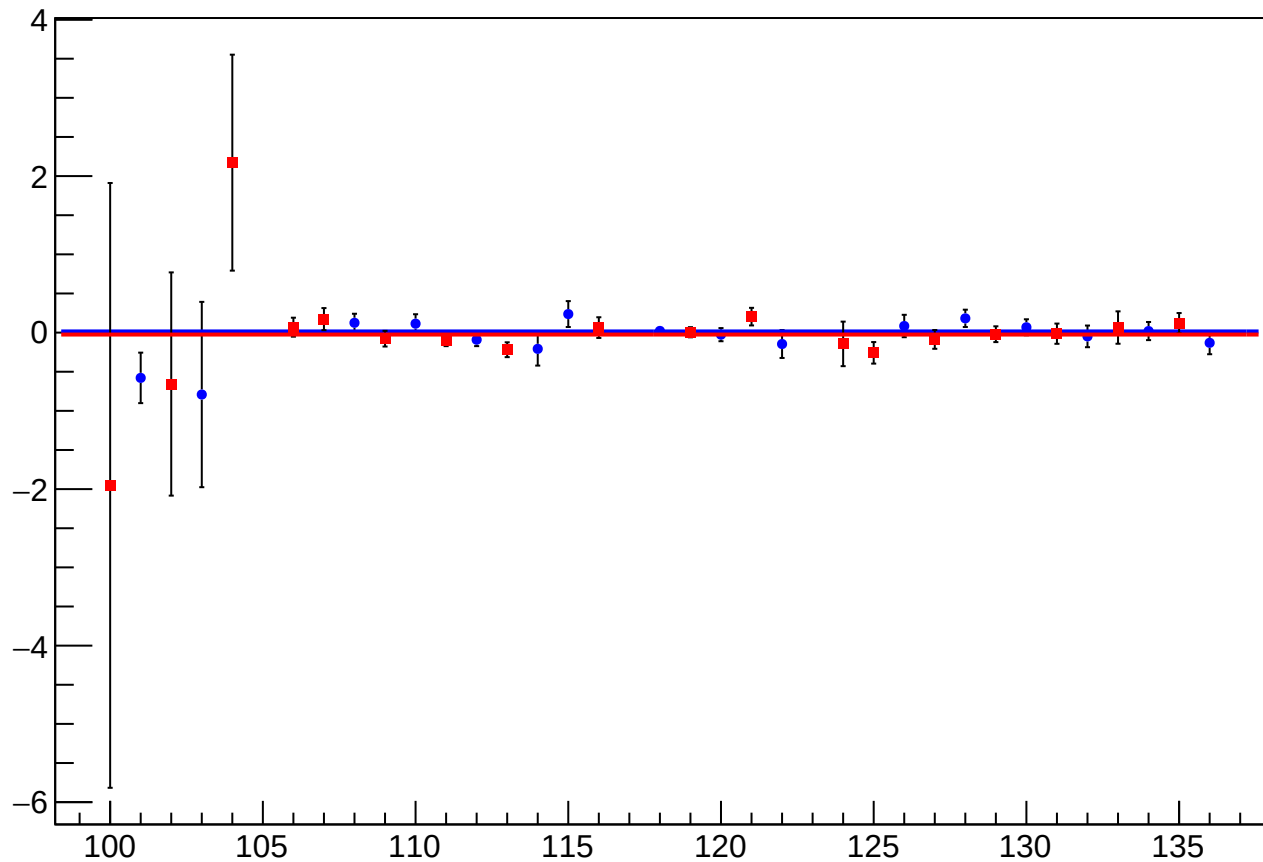
Right: 59.996+/-0.014 χ^2/NDF : 5726258.4/33

In: 58.313+/-0.020 χ^2/NDF : 3260404.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.996+/-0.014 χ^2/NDF : 5726258.4/33

asym_atr1_dit_vs_eigen_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: -0.025 $\pm$ 0.028 χ^2 /NDF: 20.6/17

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

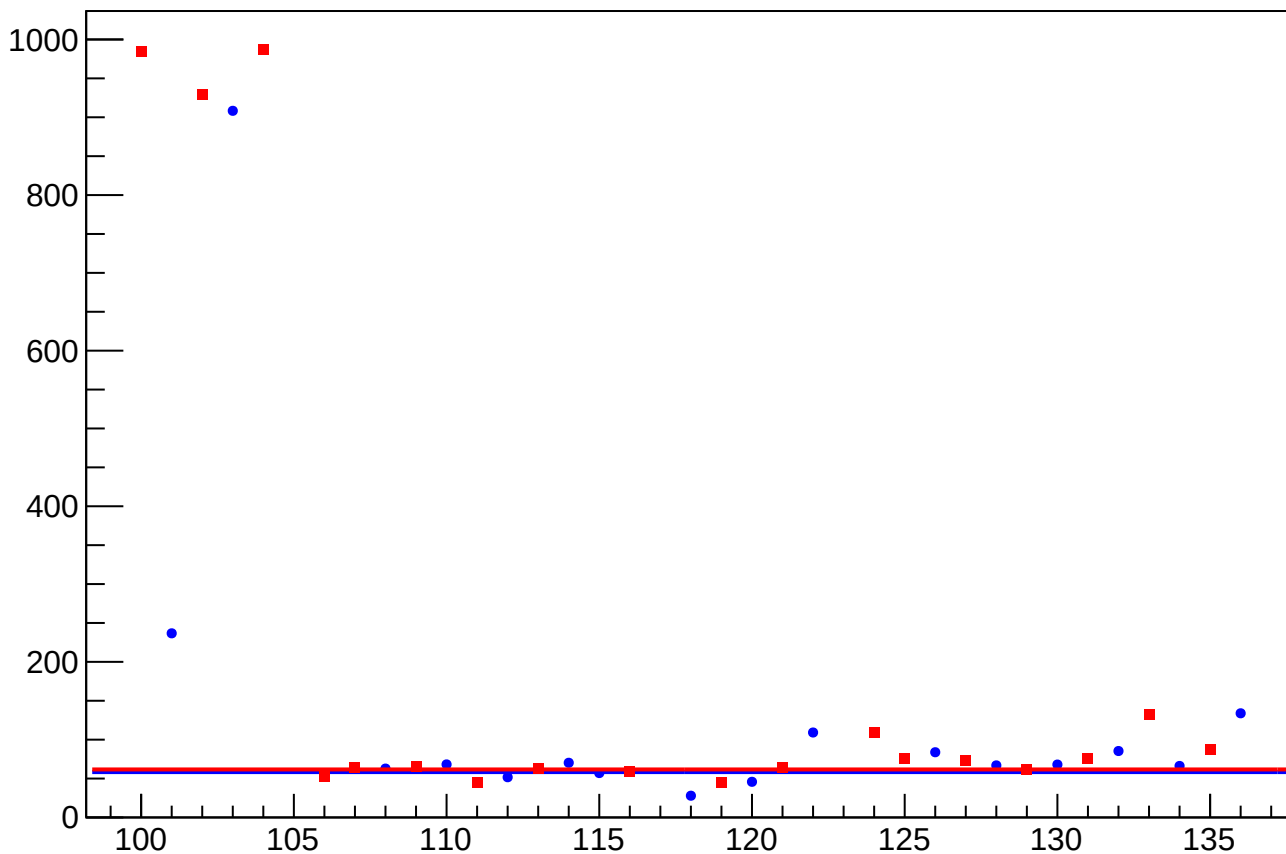
Right: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

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: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

asym_atr1_dit_vs_eigen_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: 61.710+/-0.020 χ^2/NDF : 2451084.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

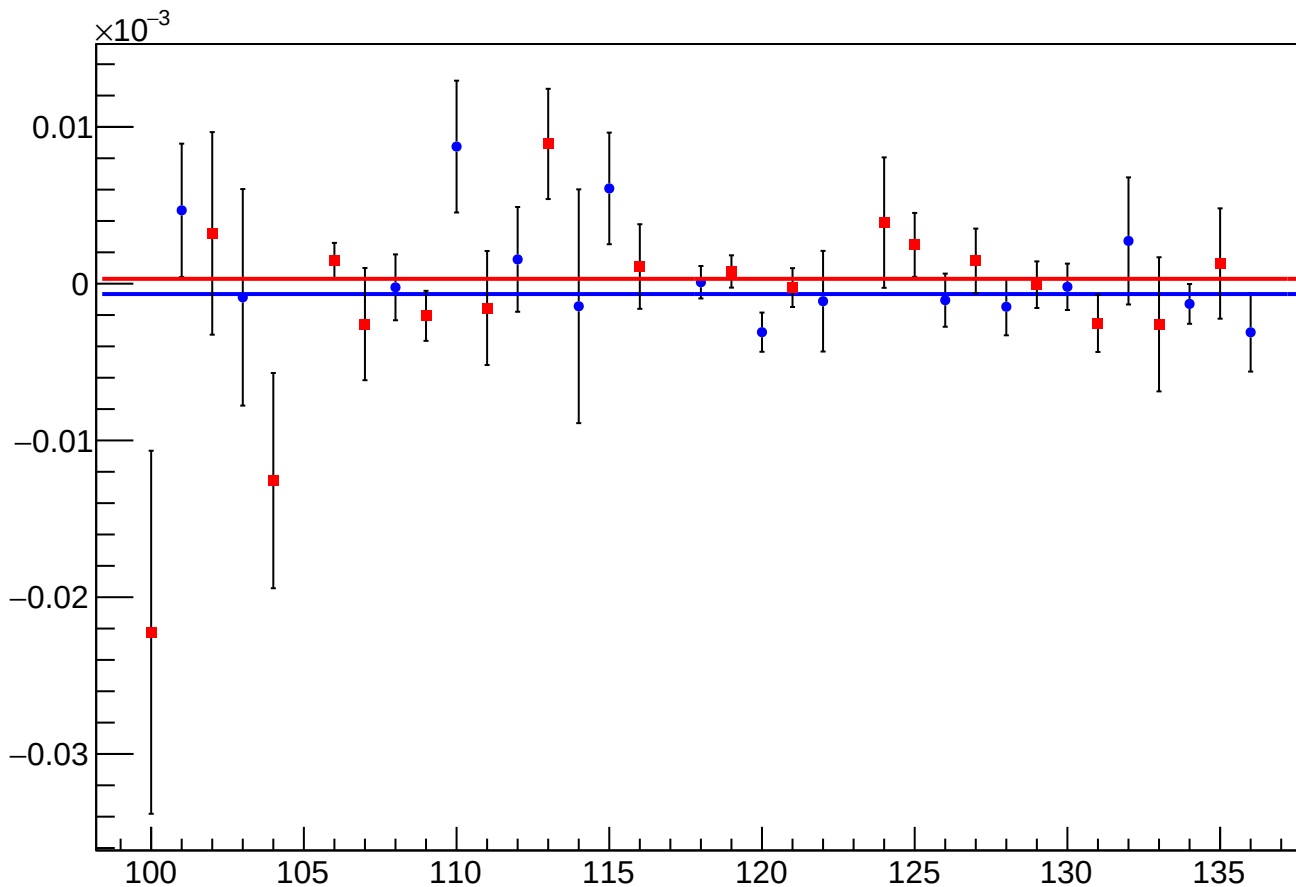
Right: 59.996+/-0.014 χ^2/NDF : 5726258.4/33

In: 58.313+/-0.020 χ^2/NDF : 3260404.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.996+/-0.014 χ^2/NDF : 5726258.4/33

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: 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

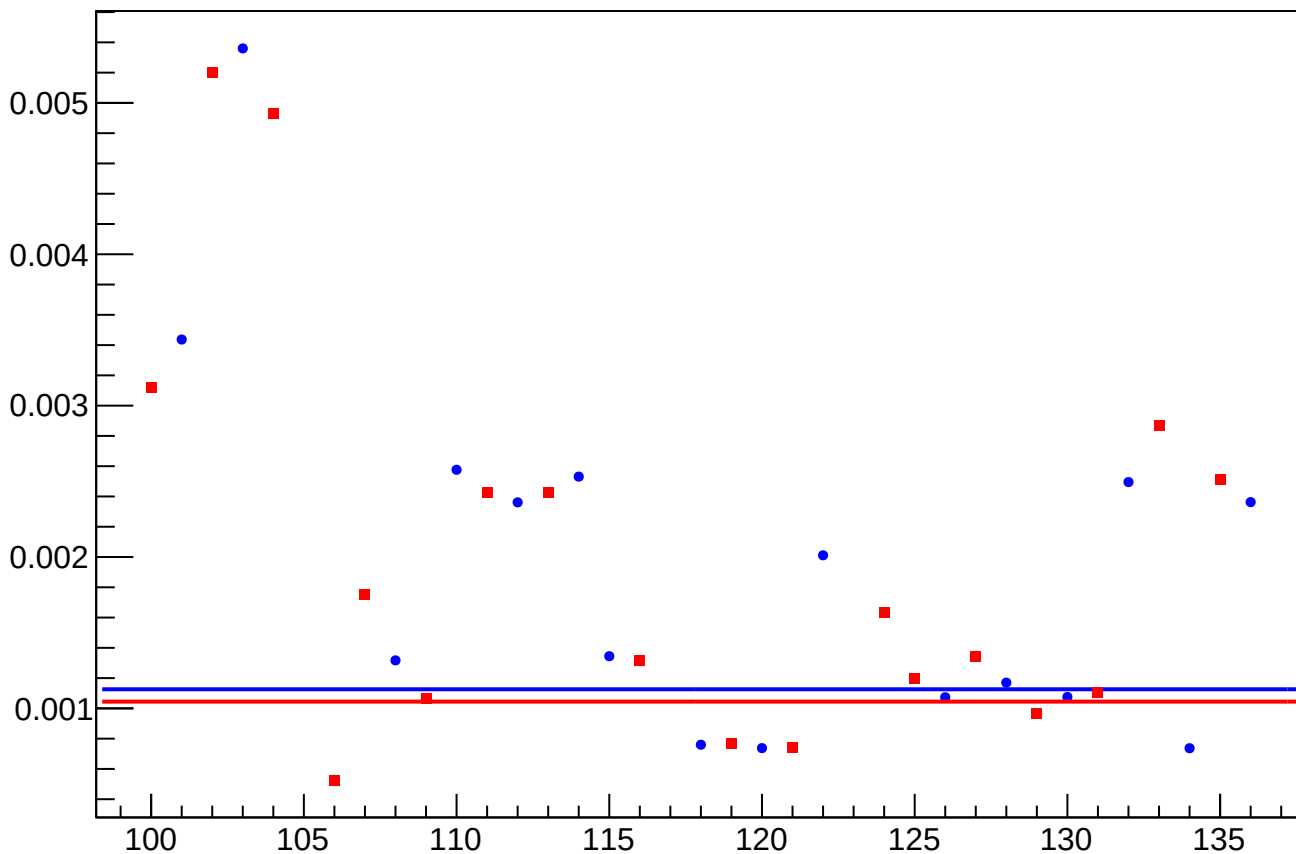
Right: -0.000+/-0.000 χ^2 /NDF: 42.6/33

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: 42.6/33

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 : 3721401.7/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 7203512.1/33

In: 0.001+/-0.000

χ^2/NDF : 3453081.7/15

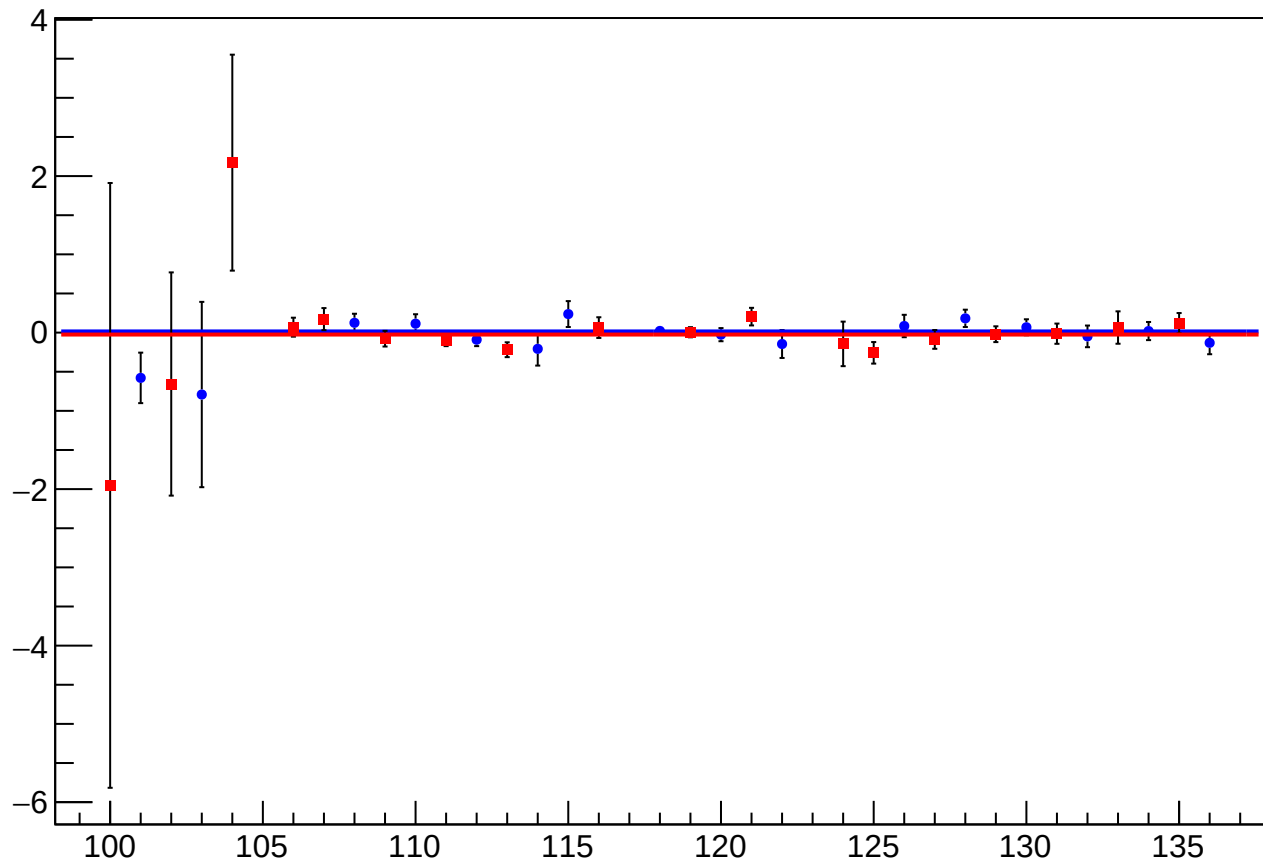
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 7203512.1/33

asym_atr1_eigen_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: -0.025 $\pm$ 0.028 χ^2 /NDF: 20.6/17

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

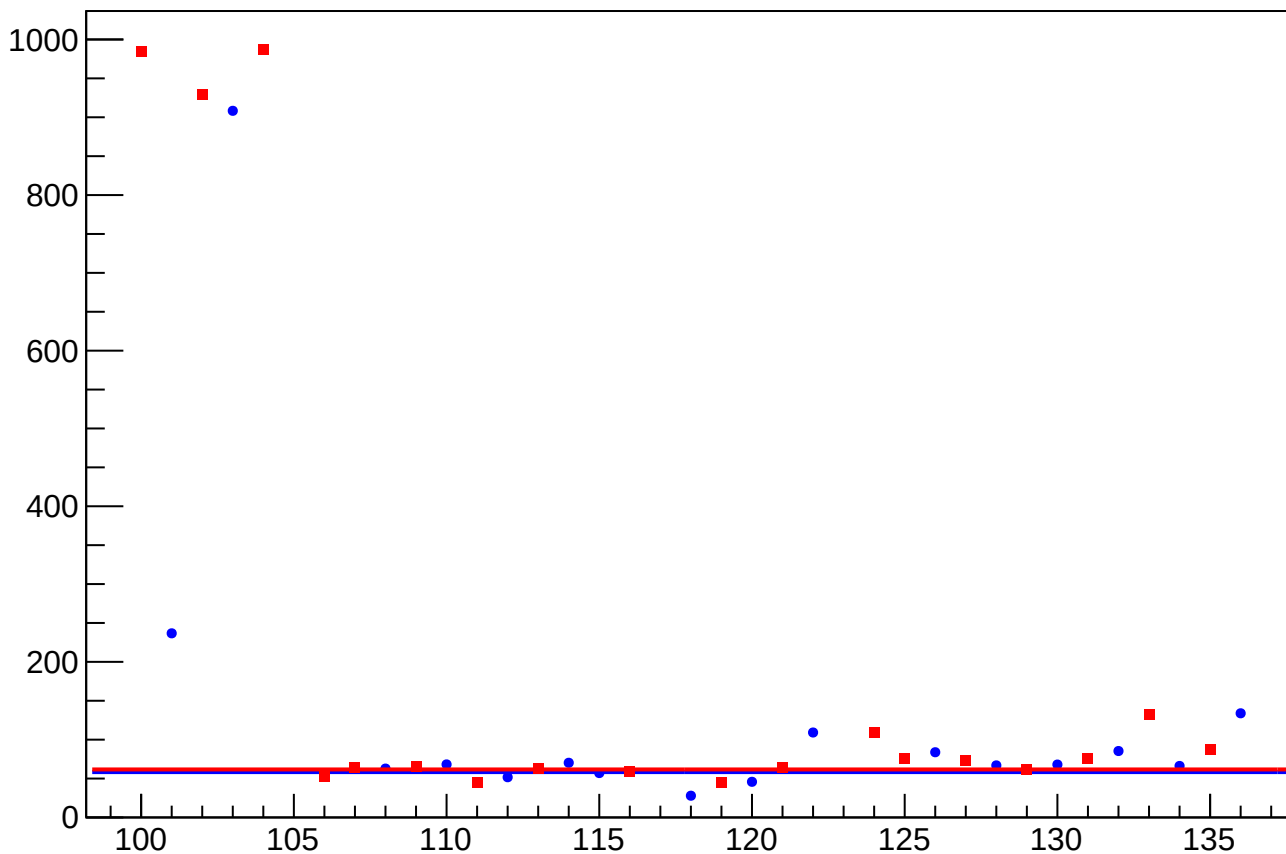
Right: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

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: -0.005 $\pm$ 0.020 χ^2 /NDF: 36.7/33

asym_atr1_eigen_dit_vs_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: 61.710 $\pm$ 0.020 χ^2 /NDF: 2451076.5/17

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

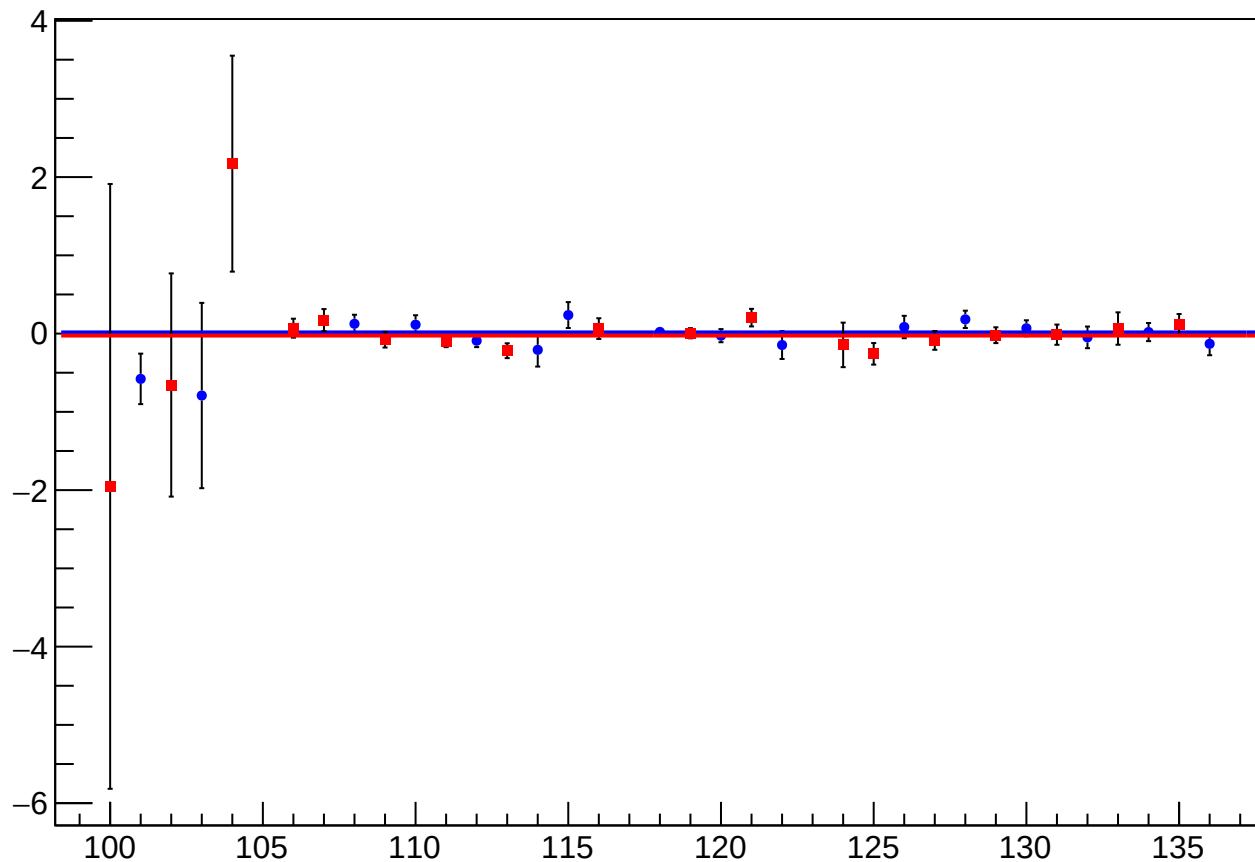
Right: 59.996 $\pm$ 0.014 χ^2 /NDF: 5726336.1/33

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: 59.996 $\pm$ 0.014 χ^2 /NDF: 5726336.1/33

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: -0.025+/-0.028 χ^2/NDF : 20.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

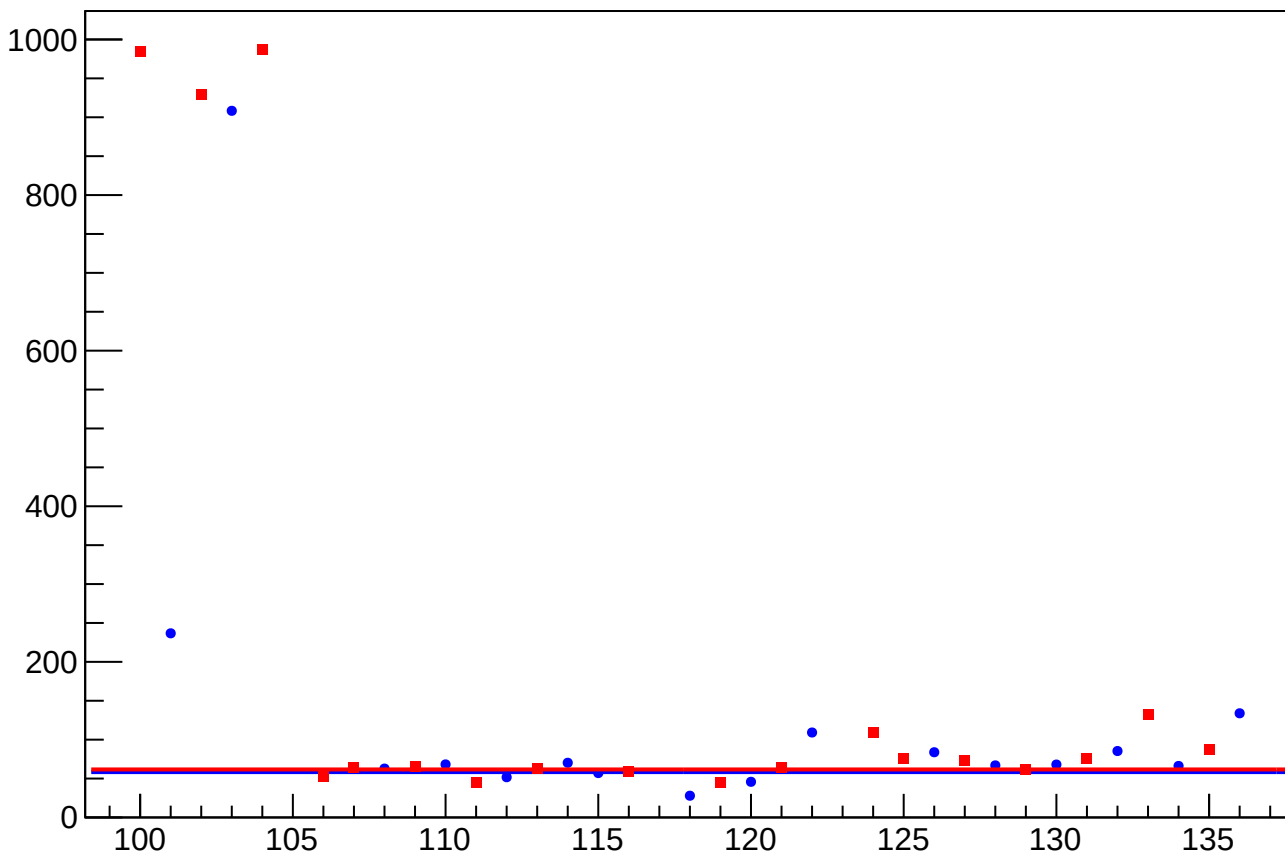
Right: -0.005+/-0.020 χ^2/NDF : 36.7/33

In: 0.015+/-0.028 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.005+/-0.020 χ^2/NDF : 36.7/33

asym_atr1_eigen_dit_vs_eigen_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: 61.710+/-0.020 χ^2/NDF : 2451076.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

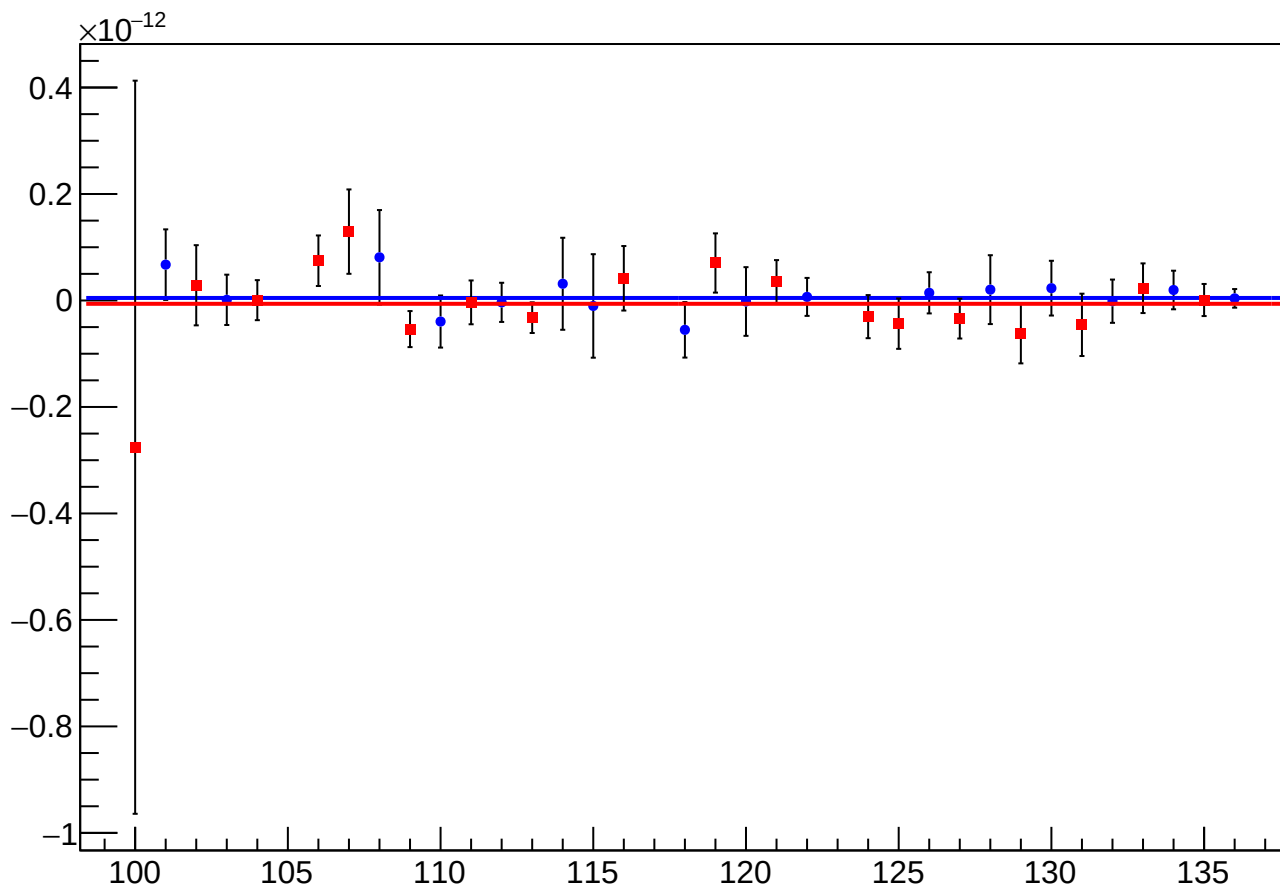
Right: 59.996+/-0.014 χ^2/NDF : 5726336.1/33

In: 58.312+/-0.020 χ^2/NDF : 3260484.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.996+/-0.014 χ^2/NDF : 5726336.1/33

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 : 16.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

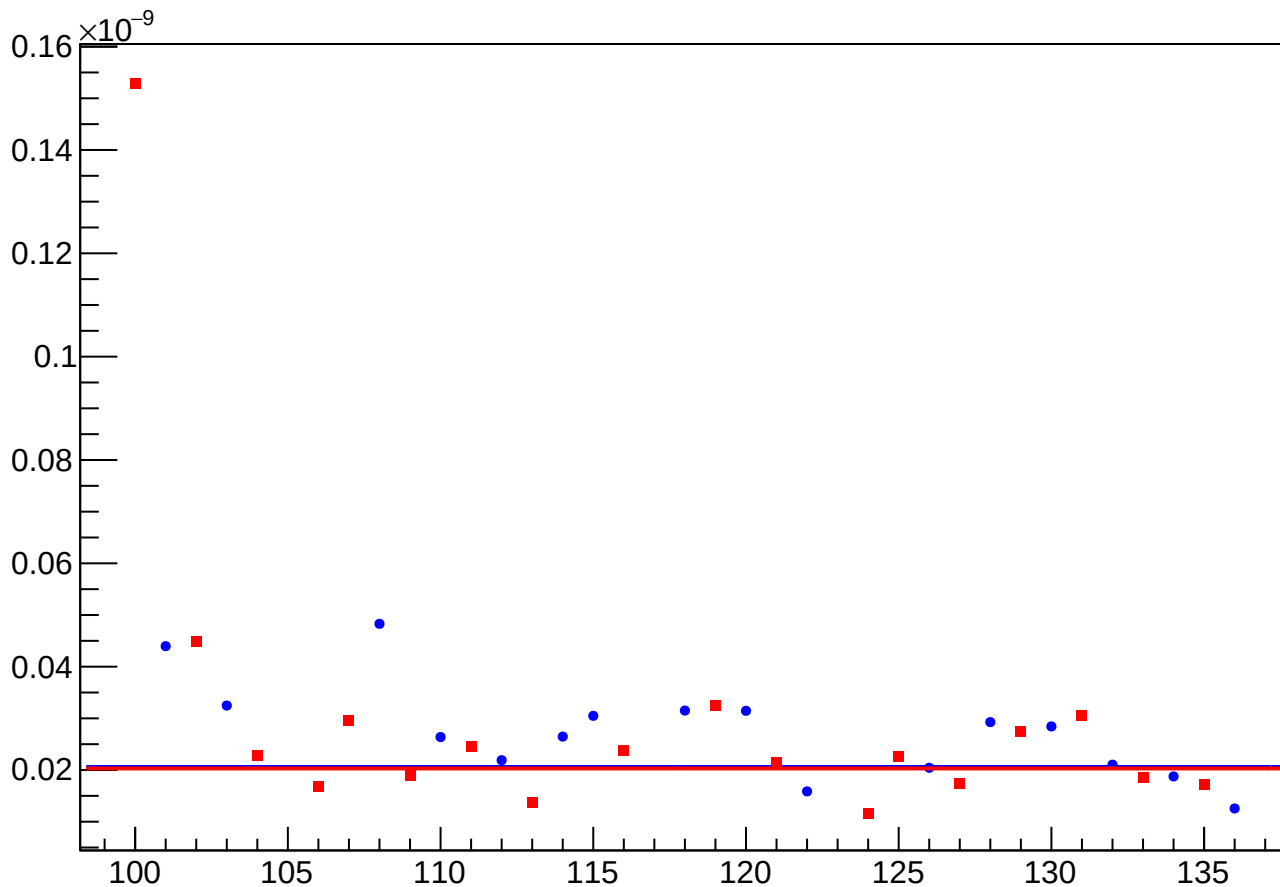
Right: -0.000+/-0.000 χ^2/NDF : 21.0/33

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 : 21.0/33

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 : 795754.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

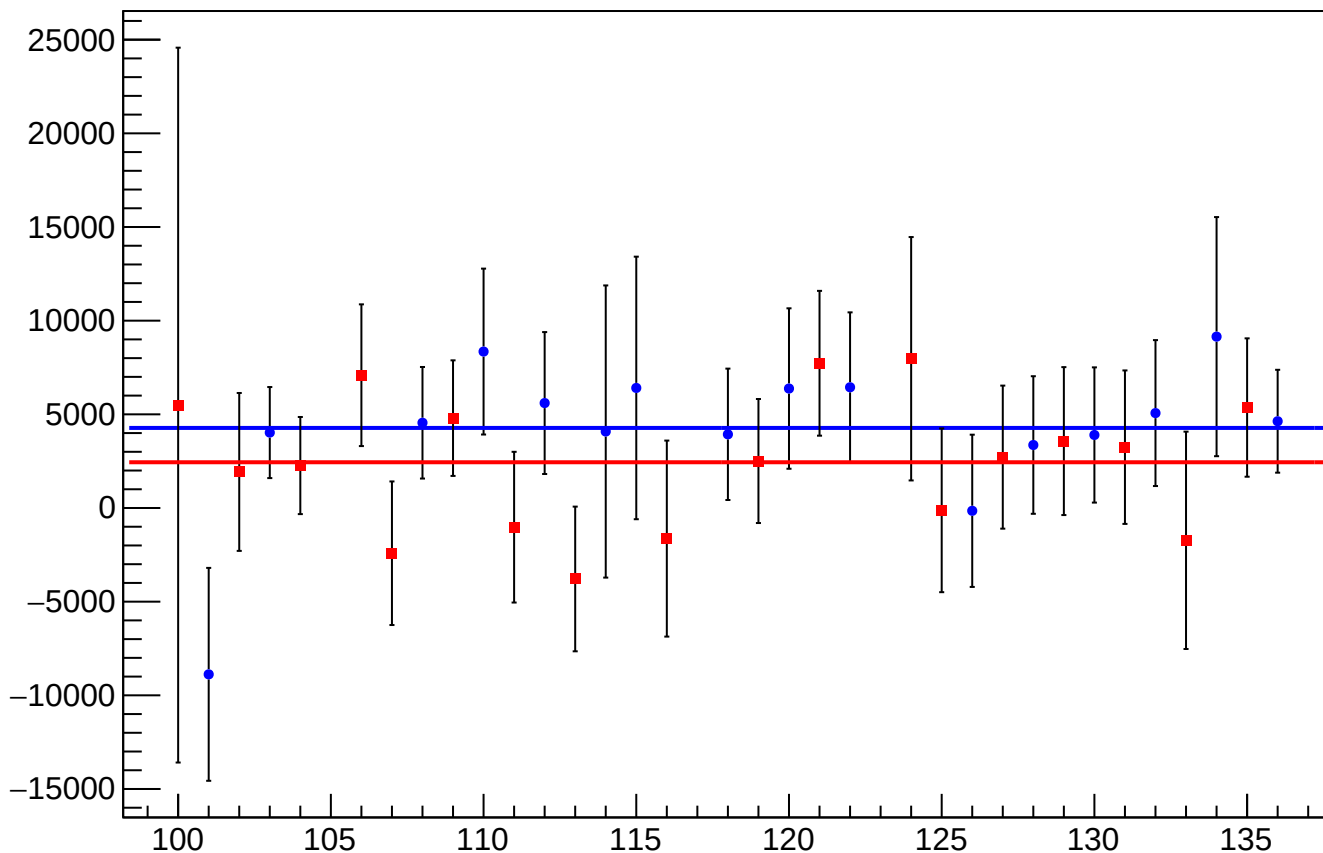
Right: 0.000+/-0.000 χ^2/NDF : 2116093.4/33

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 : 2116093.4/33

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: 2441.747+/-934.190 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

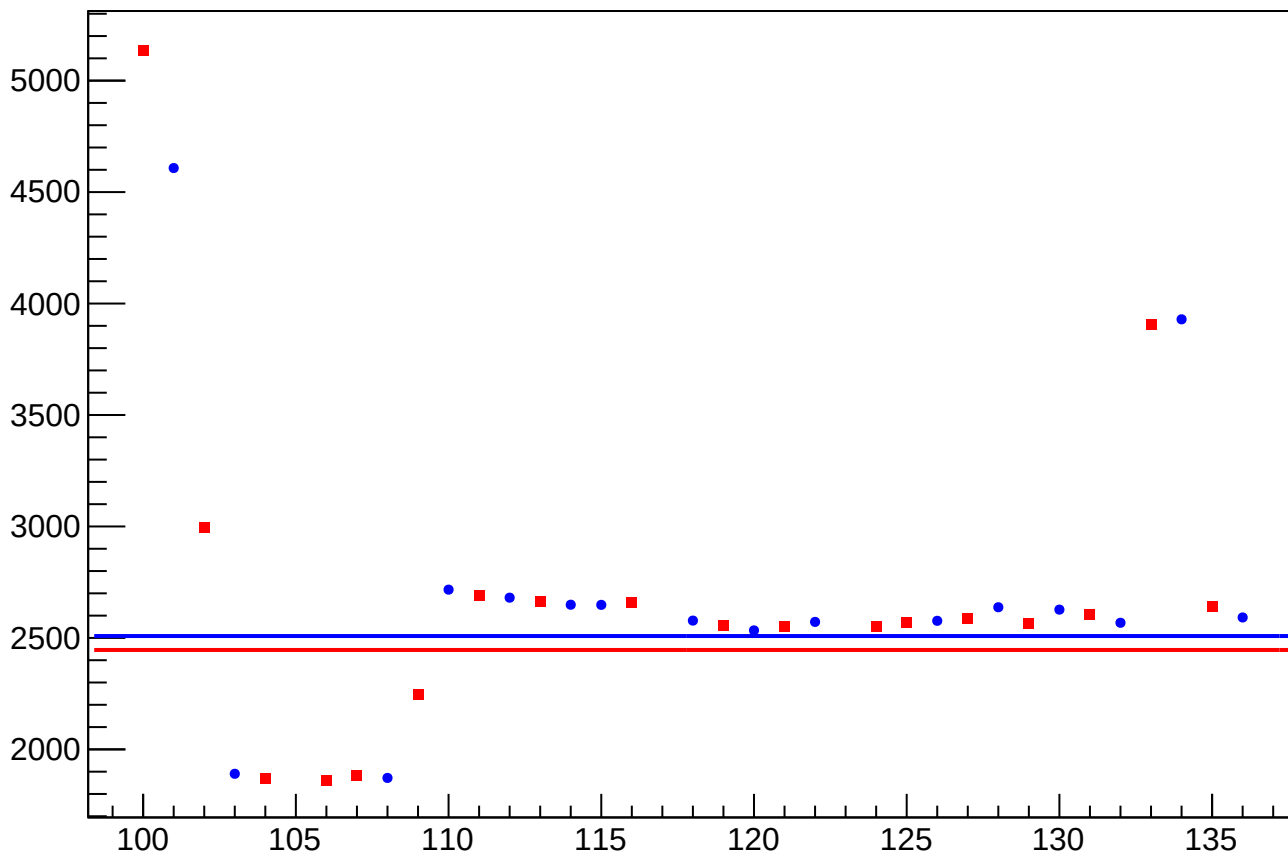
Right: 3340.809+/-666.764 χ^2/NDF : 22.7/33

In: 4274.393+/-951.956 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3340.809+/-666.764 χ^2/NDF : 22.7/33

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: 2445.956+/-0.661 χ^2/NDF : 435702.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

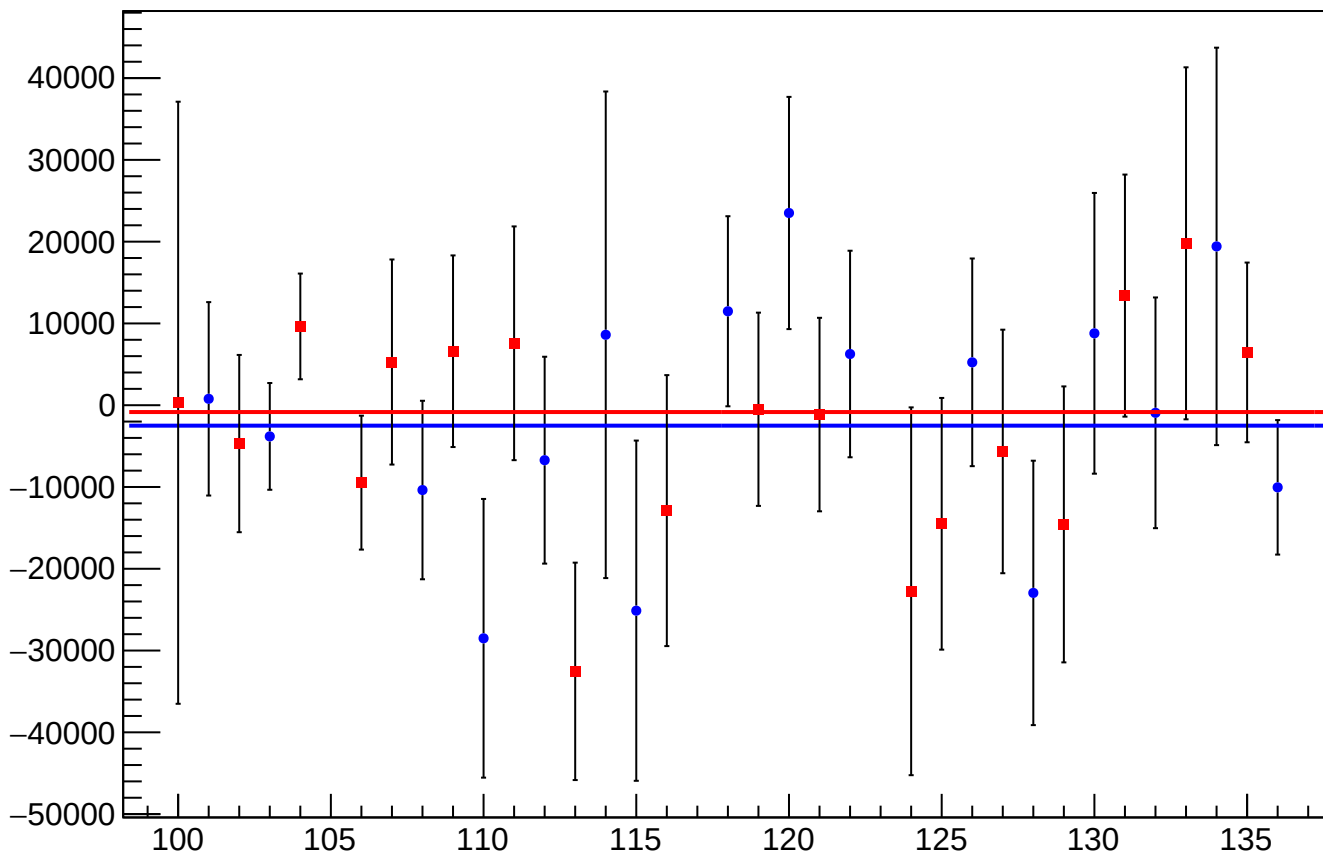
Right: 2476.623+/-0.471 χ^2/NDF : 1051685.5/33

In: 2508.466+/-0.673 χ^2/NDF : 611589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2476.623+/-0.471 χ^2/NDF : 1051685.5/33

asym_atr2_reg_correction_mean vs Slug, Sign Corrected



Right In: -2500.602+/-3075.580 χ^2/NDF : 13.8/15

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

Right Out: -835.738+/-2892.904 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

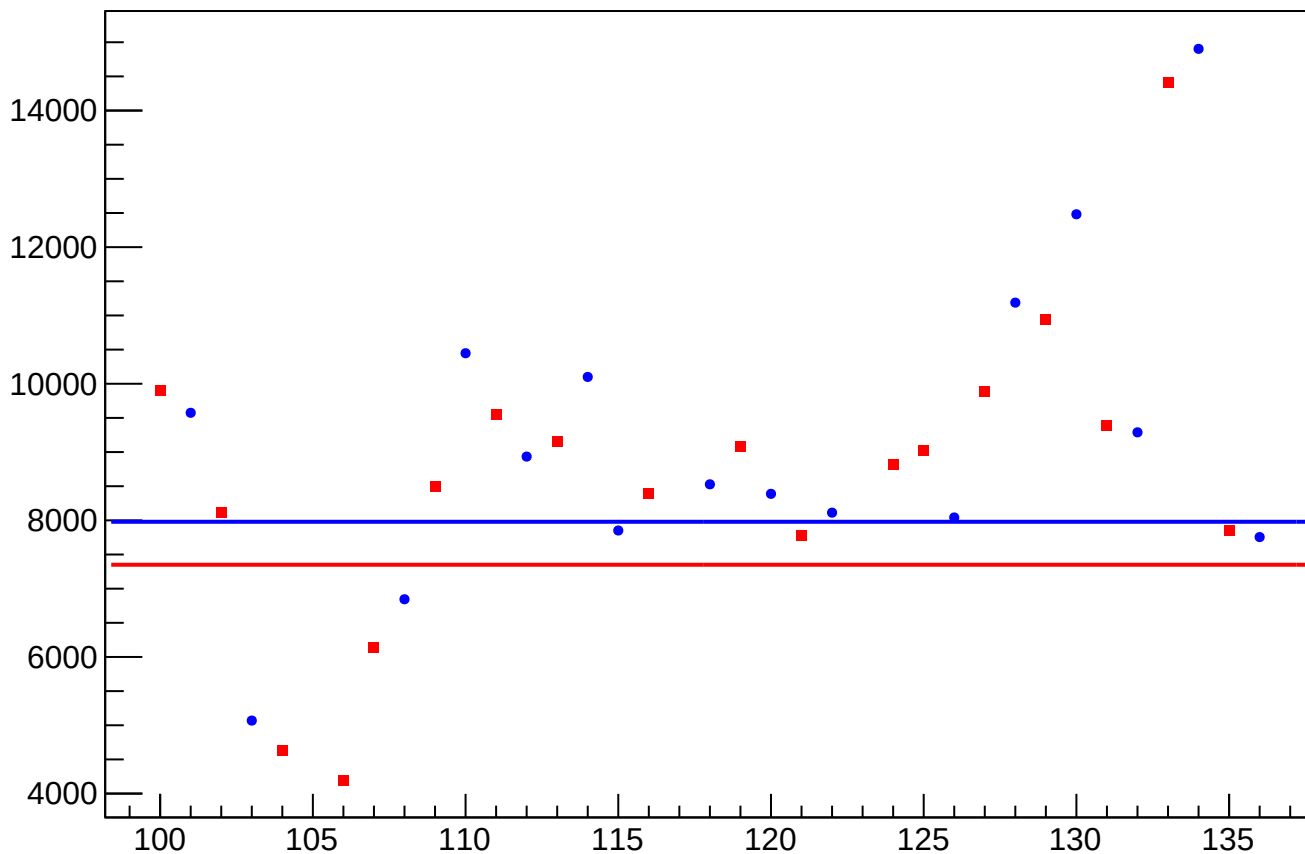
Right: -1617.262+/-2107.214 χ^2/NDF : 29.8/33

In: -2500.602+/-3075.580 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1617.262+/-2107.214 χ^2/NDF : 29.8/33

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: 7350.287+/-2.046 χ^2/NDF : 1285061.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

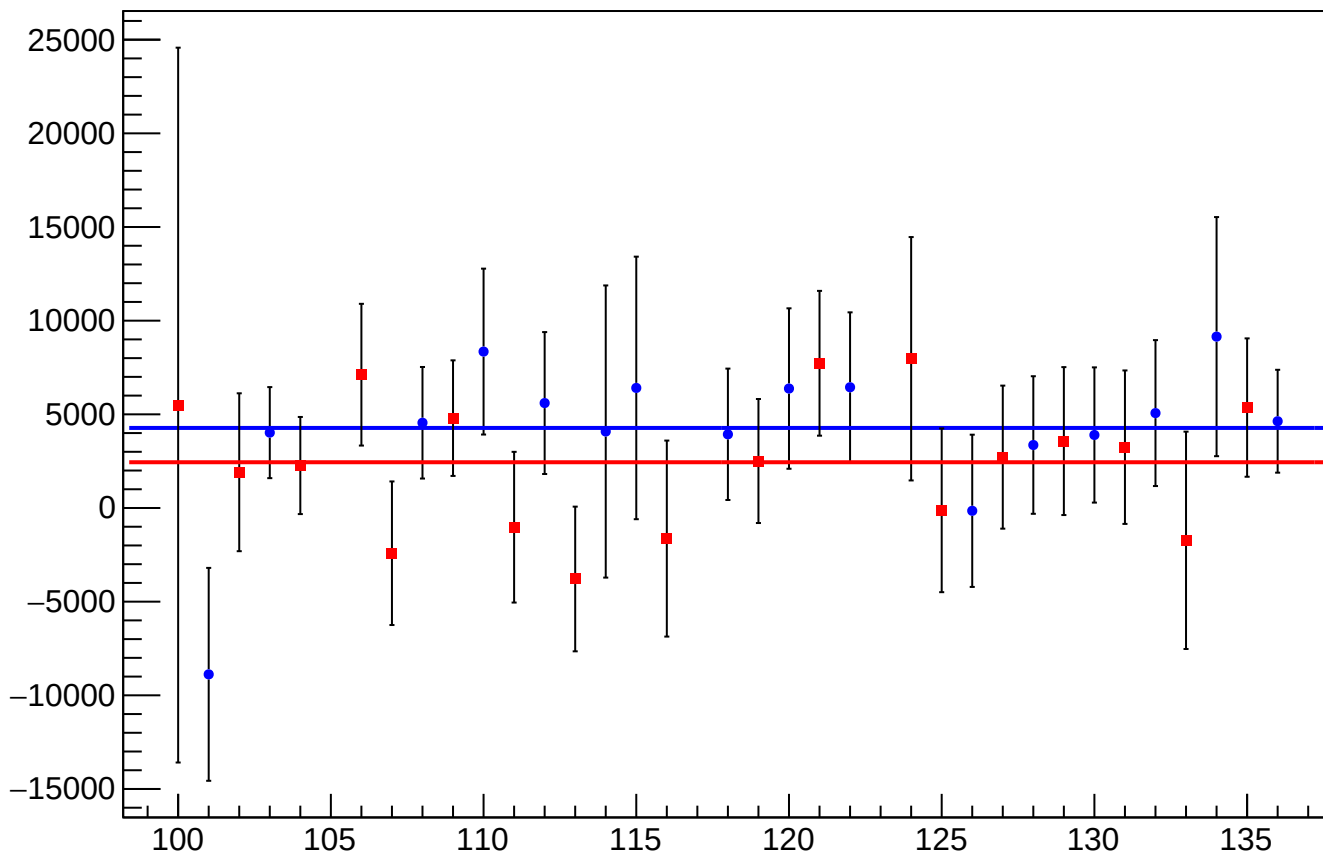
Right: 7645.647+/-1.490 χ^2/NDF : 2252557.6/33

In: 7979.488+/-2.175 χ^2/NDF : 923083.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7645.647+/-1.490 χ^2/NDF : 2252557.6/33

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: 2442.372 $\pm$ 934.197 χ^2 /NDF: 11.9/17

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

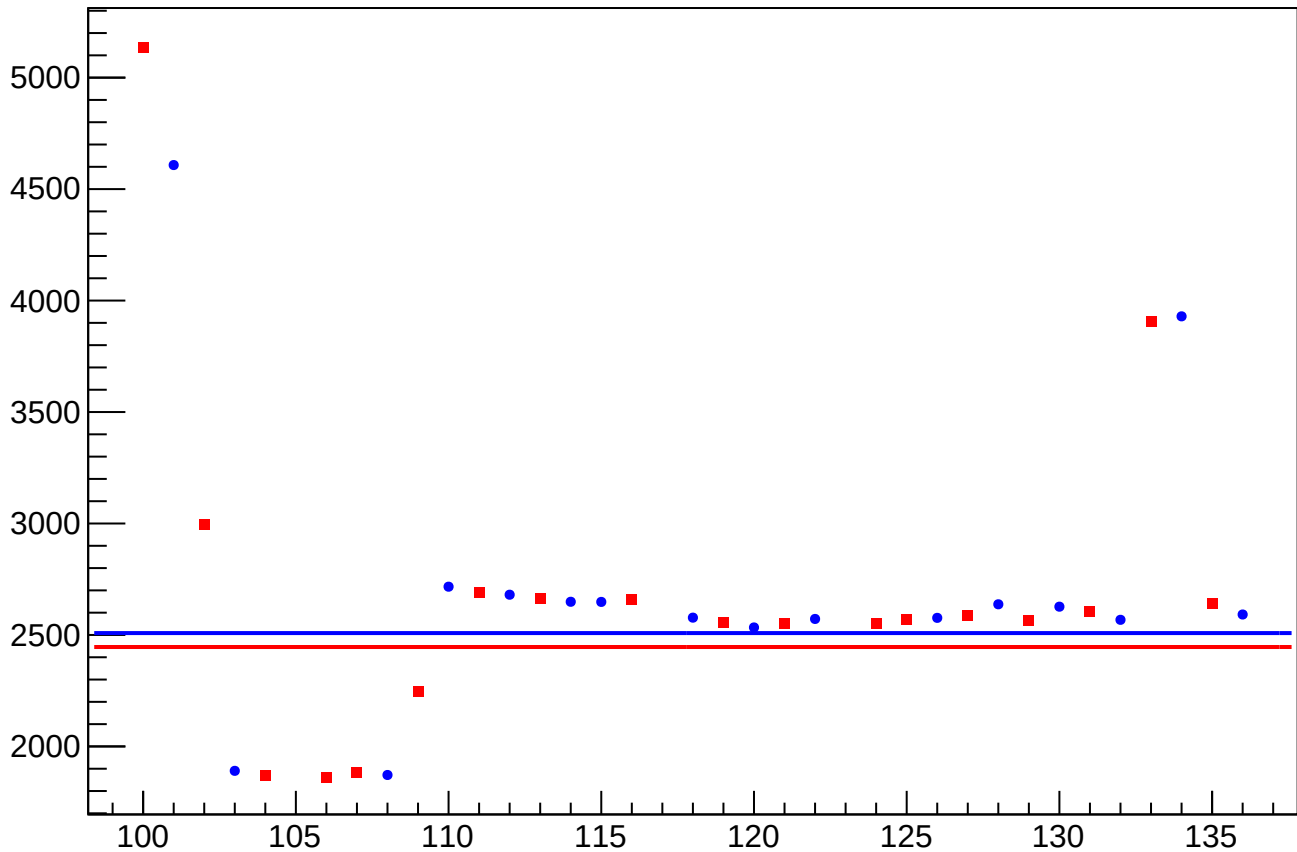
Right: 3340.895 $\pm$ 666.767 χ^2 /NDF: 22.7/33

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: 3340.895 $\pm$ 666.767 χ^2 /NDF: 22.7/33

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: 2445.981+/-0.661 χ^2/NDF : 435648.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

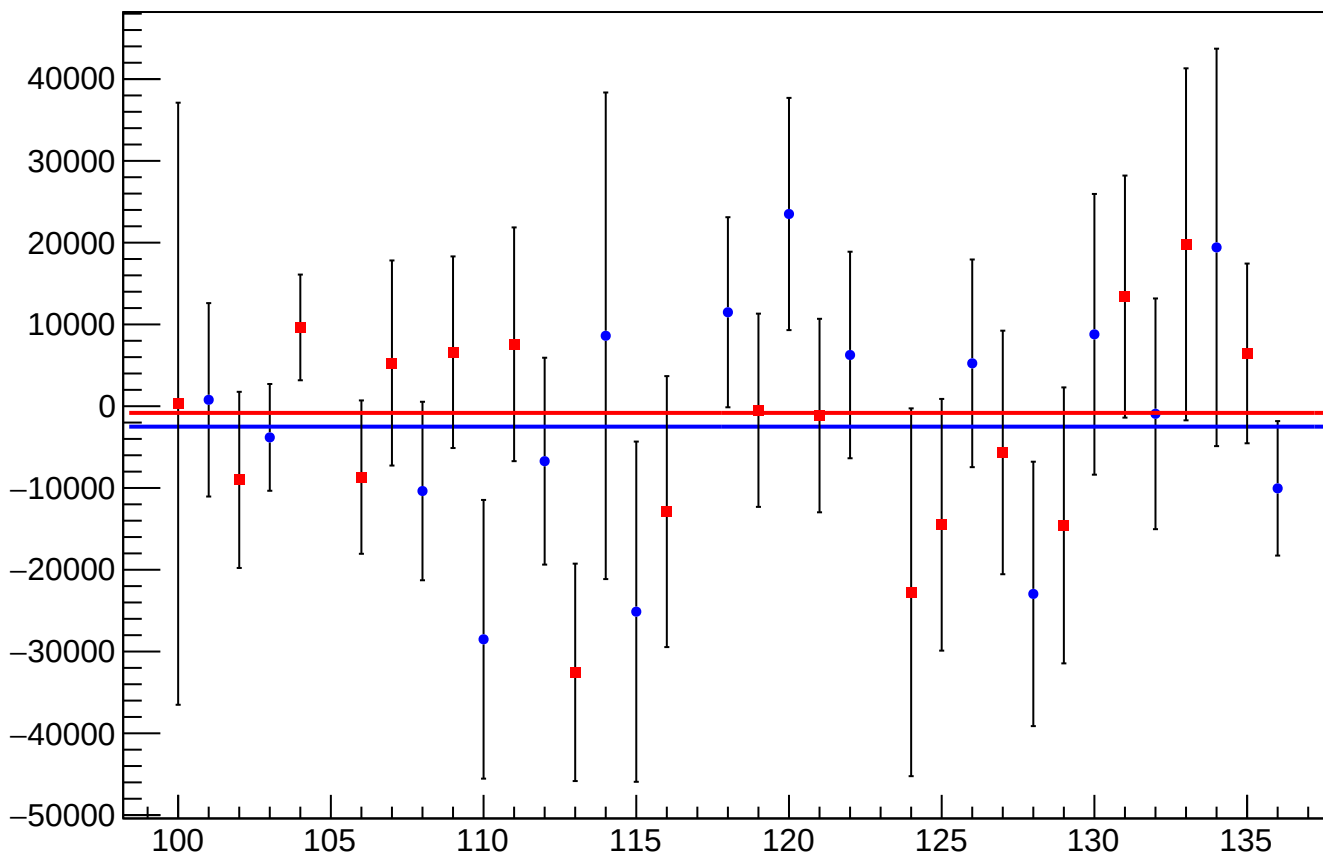
Right: 2476.636+/-0.471 χ^2/NDF : 1051625.9/33

In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2476.636+/-0.471 χ^2/NDF : 1051625.9/33

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: -819.059+/-2935.400 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

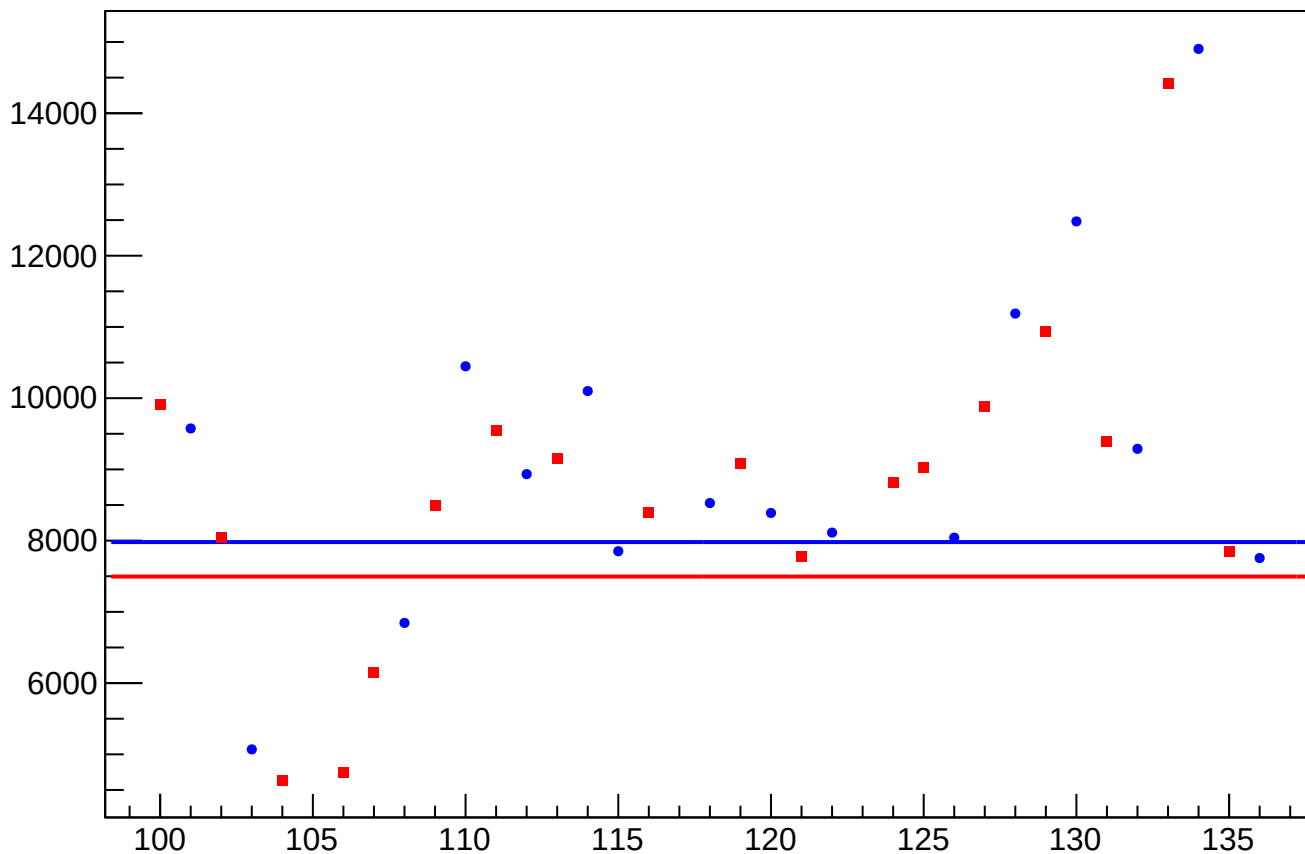
Right: -1620.507+/-2123.498 χ^2/NDF : 29.8/33

In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1620.507+/-2123.498 χ^2/NDF : 29.8/33

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: 7496.066+/-2.076 χ^2/NDF : 1135165.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

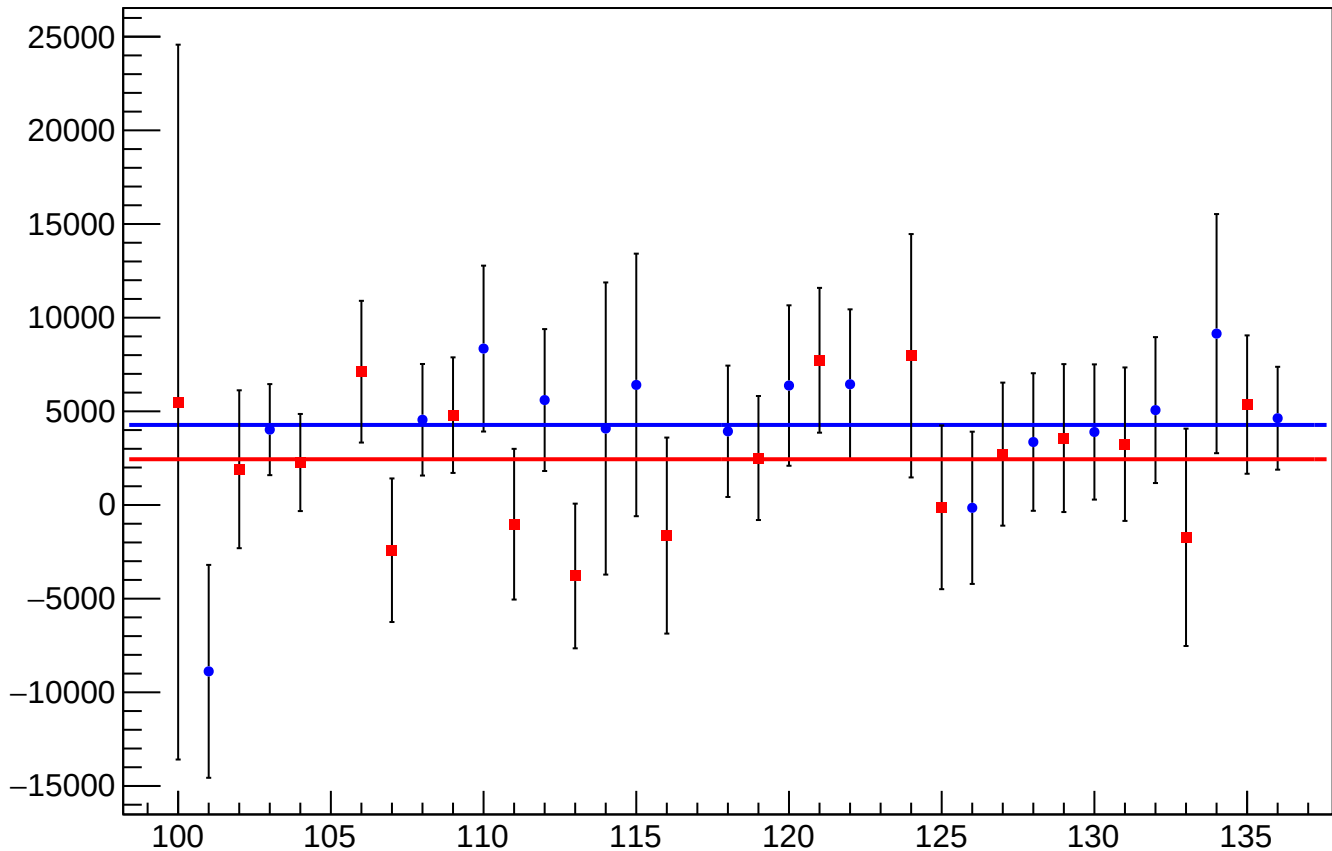
Right: 7726.657+/-1.502 χ^2/NDF : 2083841.8/33

In: 7979.812+/-2.175 χ^2/NDF :922785.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7726.657+/-1.502 χ^2/NDF : 2083841.8/33

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: 2442.372+/-934.197 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

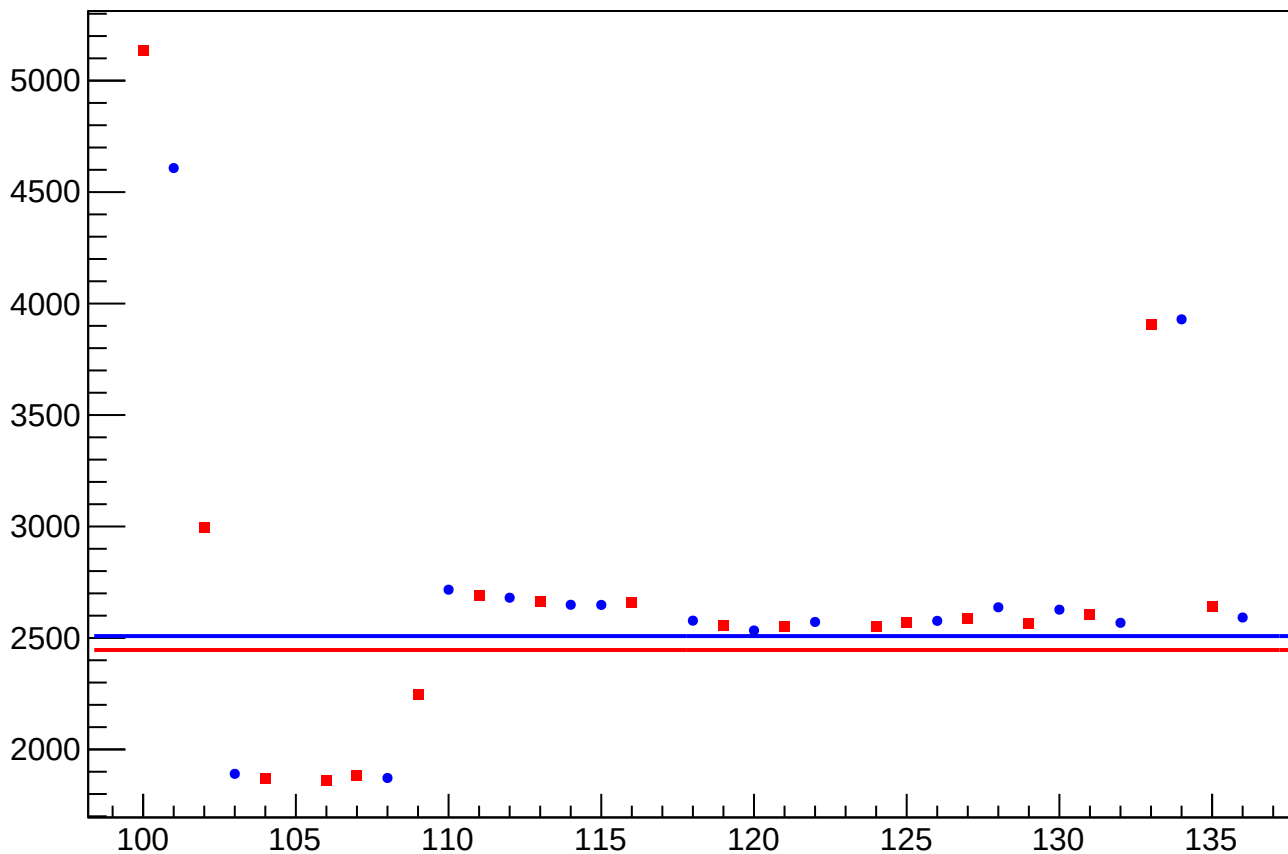
Right: 3340.895+/-666.767 χ^2/NDF : 22.7/33

In: 4273.903+/-951.956 χ^2/NDF : 8.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3340.895+/-666.767 χ^2/NDF : 22.7/33

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: 2445.981+/-0.661 χ^2/NDF : 435648.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

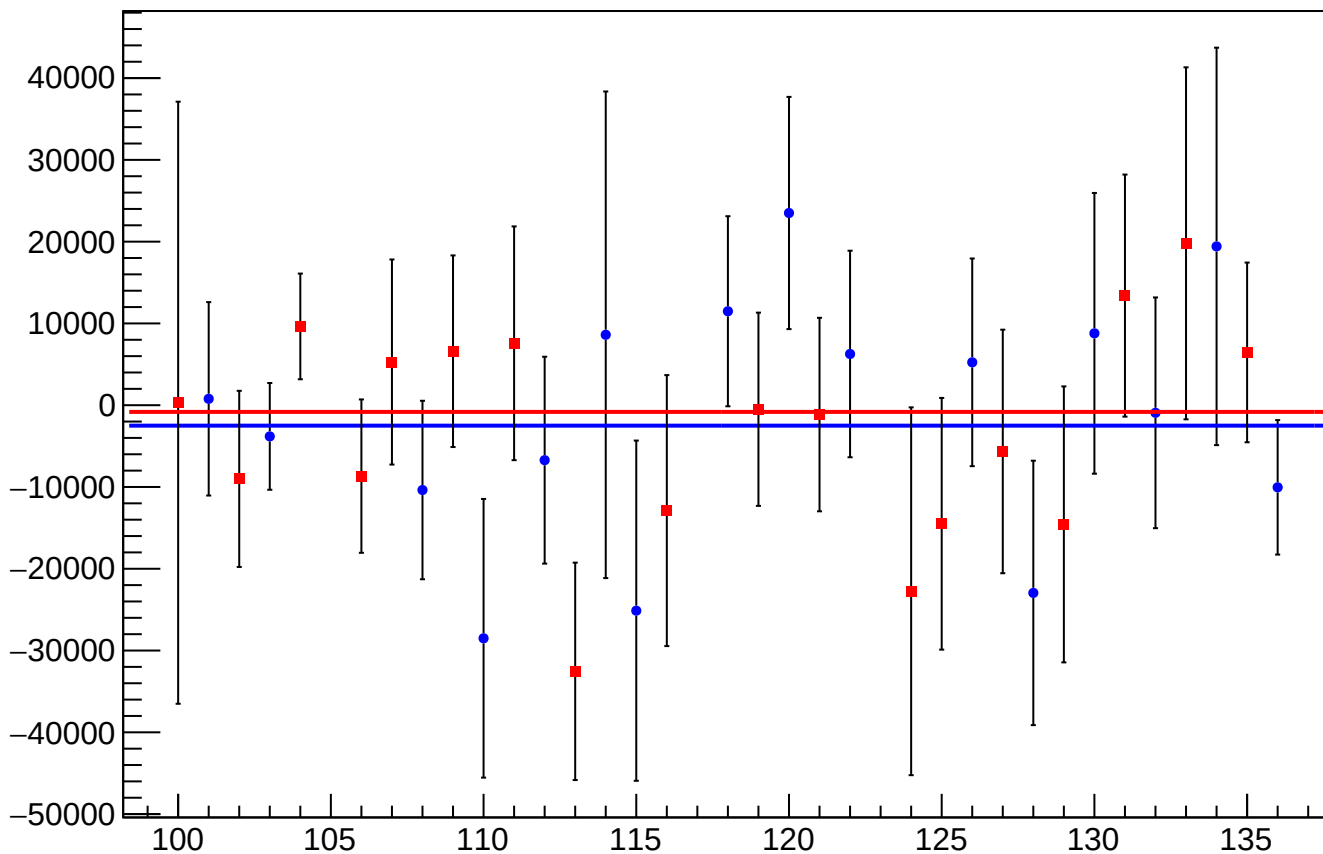
Right: 2476.636+/-0.471 χ^2/NDF : 1051625.9/33

In: 2508.467+/-0.673 χ^2/NDF : 611587.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2476.636+/-0.471 χ^2/NDF : 1051625.9/33

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: -819.059+/-2935.400 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

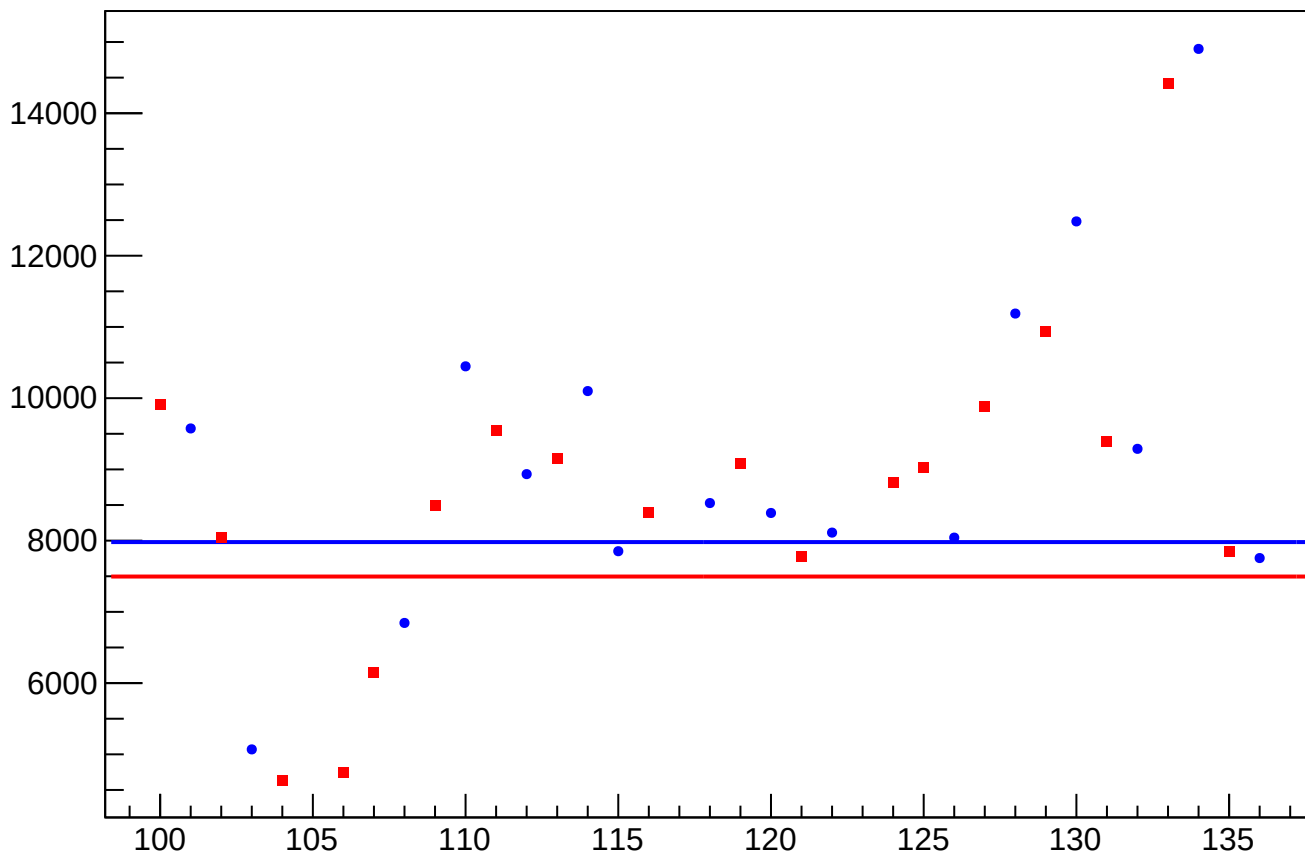
Right: -1620.507+/-2123.498 χ^2/NDF : 29.8/33

In: -2500.380+/-3075.668 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1620.507+/-2123.498 χ^2/NDF : 29.8/33

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: 7496.066+/-2.076 χ^2/NDF : 1135165.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

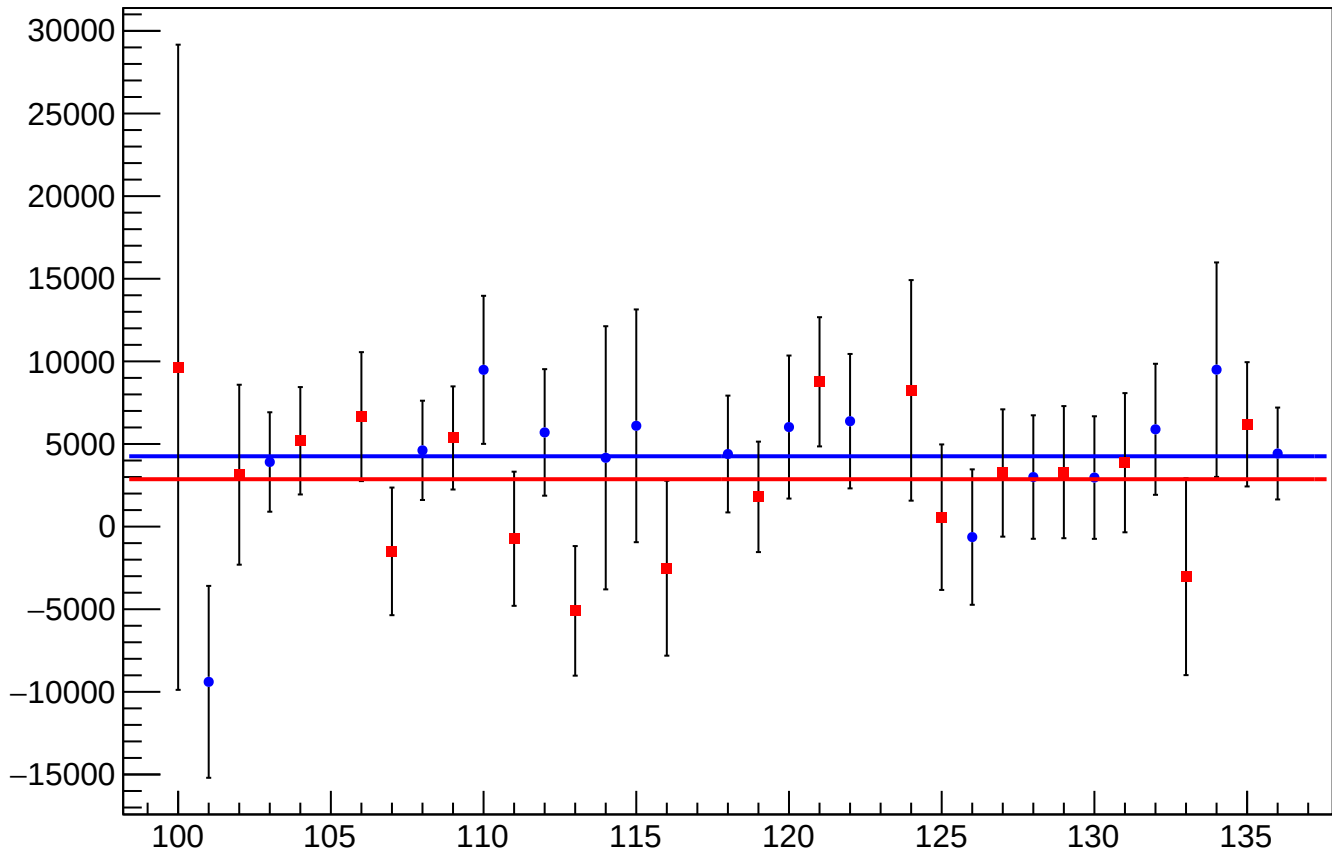
Right: 7726.657+/-1.502 χ^2/NDF : 2083841.8/33

In: 7979.812+/-2.175 χ^2/NDF :922785.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7726.657+/-1.502 χ^2/NDF : 2083841.8/33

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: 2868.442+/-979.613 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

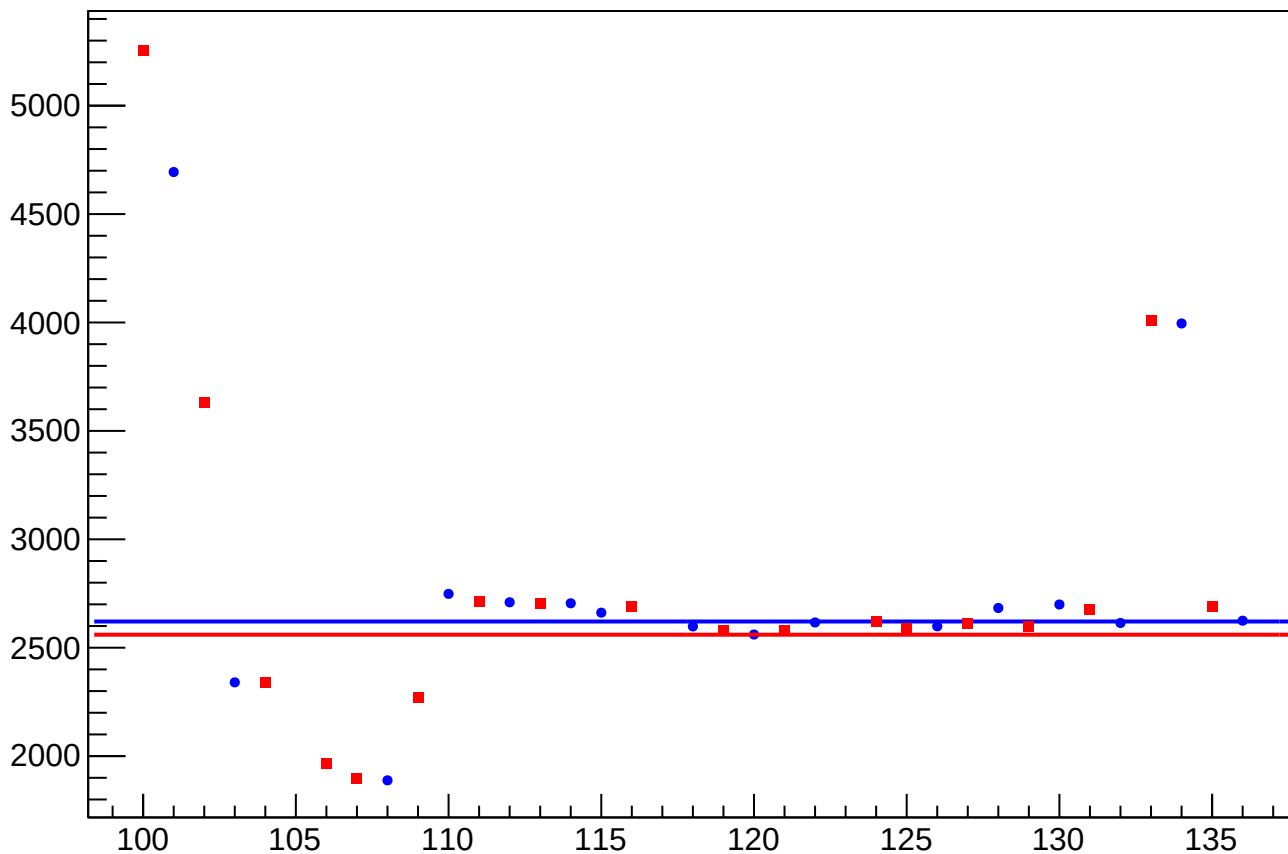
Right: 3555.007+/-696.523 χ^2/NDF : 25.6/33

In: 4256.977+/-990.542 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3555.007+/-696.523 χ^2/NDF : 25.6/33

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: 2560.017+/-0.692 χ^2/NDF : 378039.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

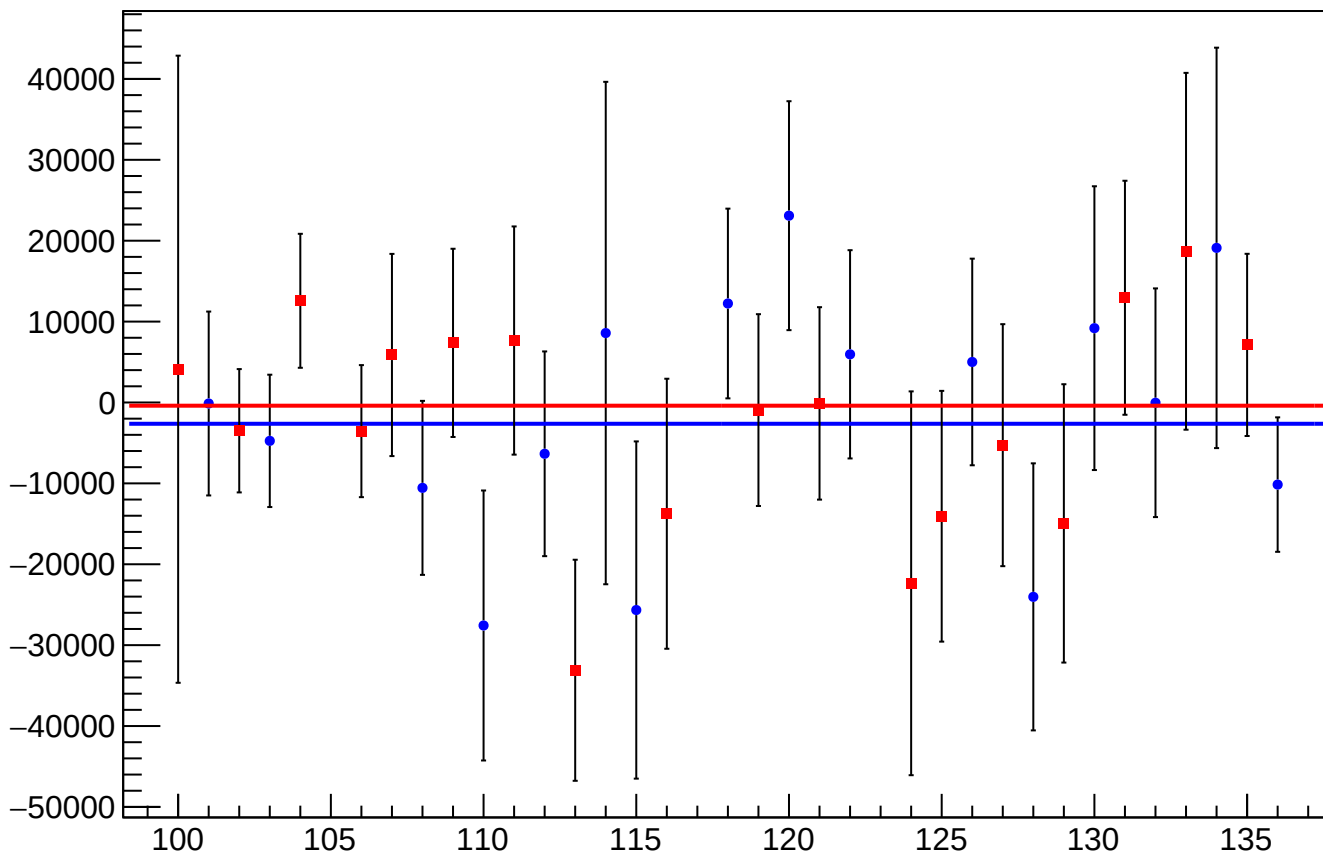
Right: 2590.134+/-0.492 χ^2/NDF : 867783.8/33

In: 2620.964+/-0.700 χ^2/NDF : 485914.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2590.134+/-0.492 χ^2/NDF : 867783.8/33

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: -397.187+/-2912.220 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

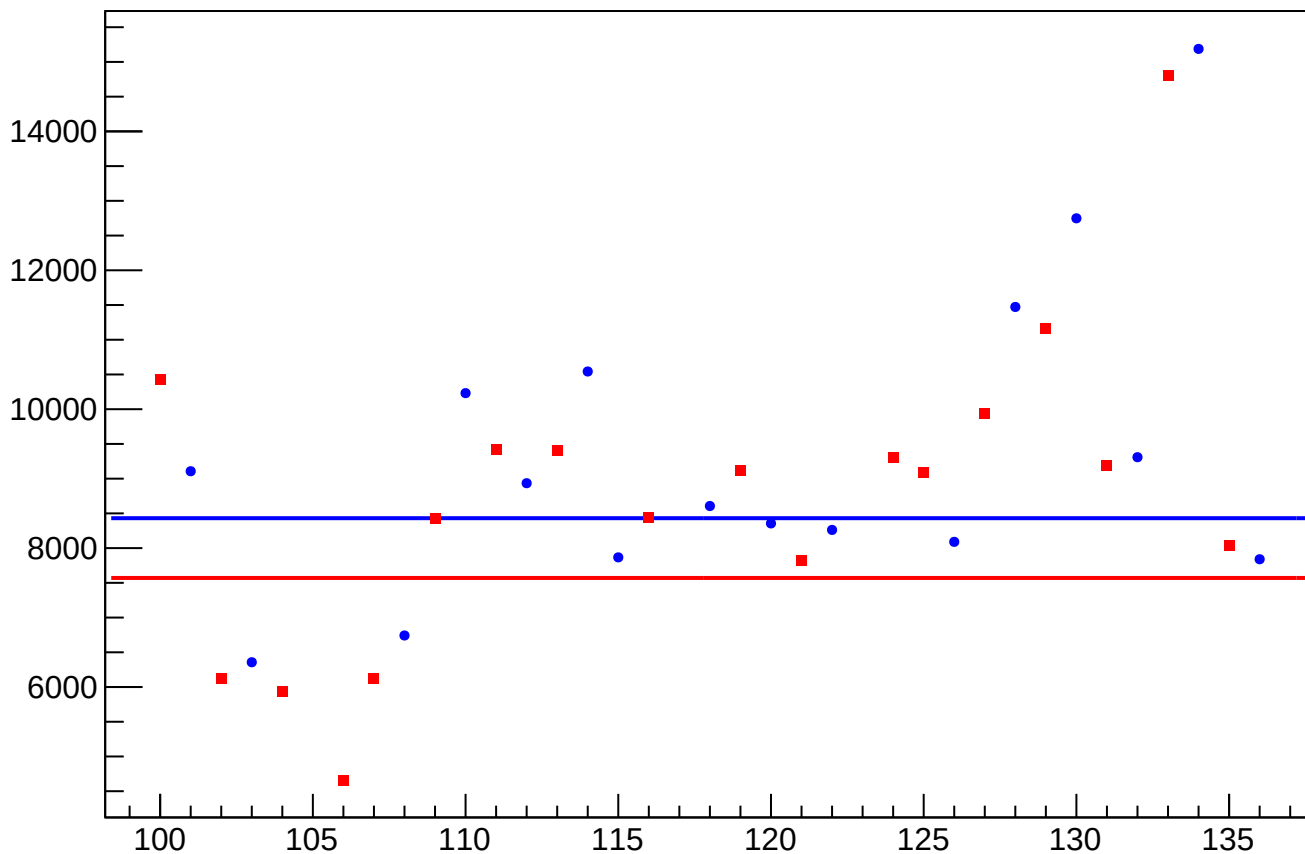
Right: -1405.596+/-2157.318 χ^2/NDF : 28.7/33

In: -2631.921+/-3211.506 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1405.596+/-2157.318 χ^2/NDF : 28.7/33

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: 7570.383+/-2.059 χ^2/NDF : 973456.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

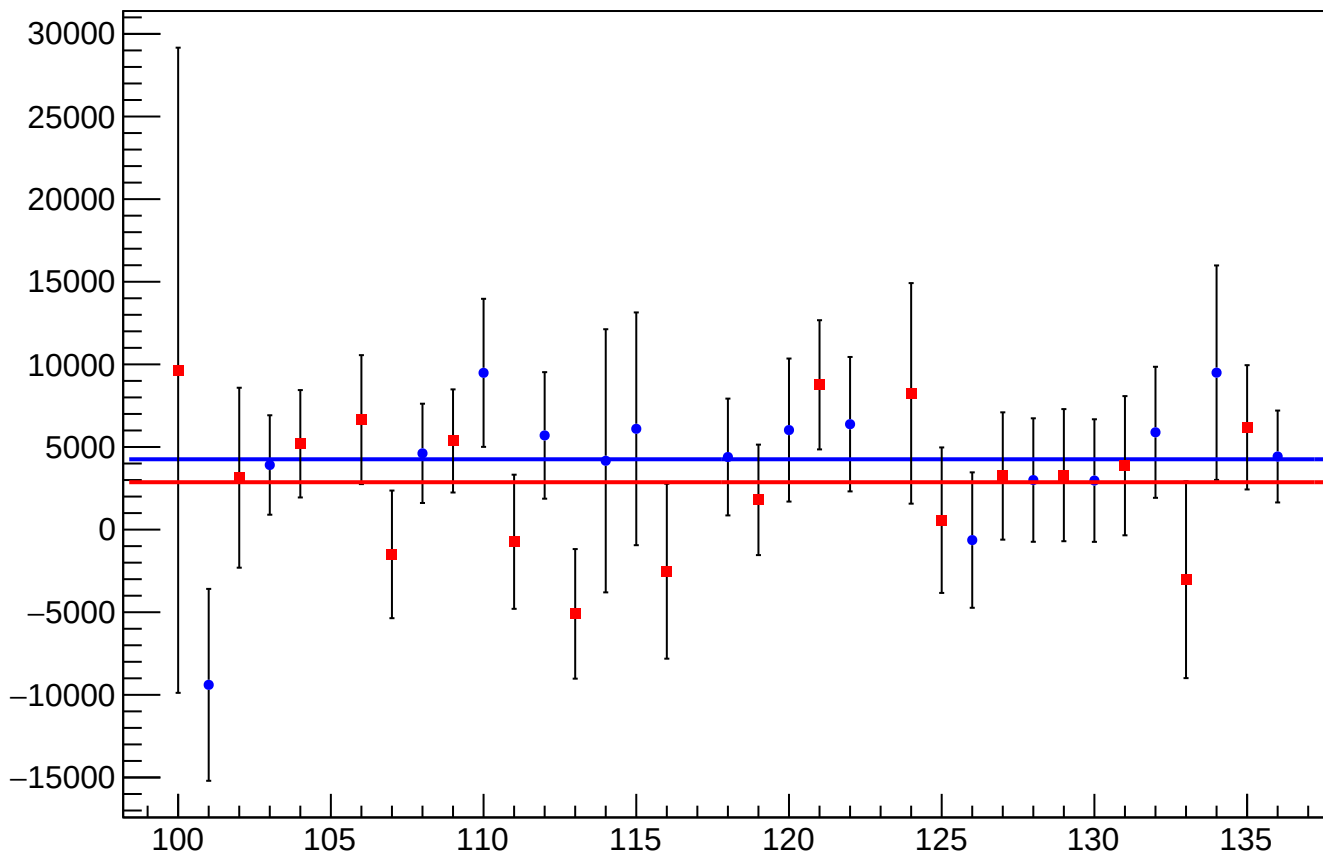
Right: 7958.626+/-1.525 χ^2/NDF : 1632524.6/33

In: 8430.768+/-2.271 χ^2/NDF : 580295.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7958.626+/-1.525 χ^2/NDF : 1632524.6/33

eigen_dit_asym_atr2_mean vs Slug, Sign Corrected



Right In: 4256.984+/-990.541 χ^2/NDF : 10.1/15

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

Right Out: 2868.454+/-979.613 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

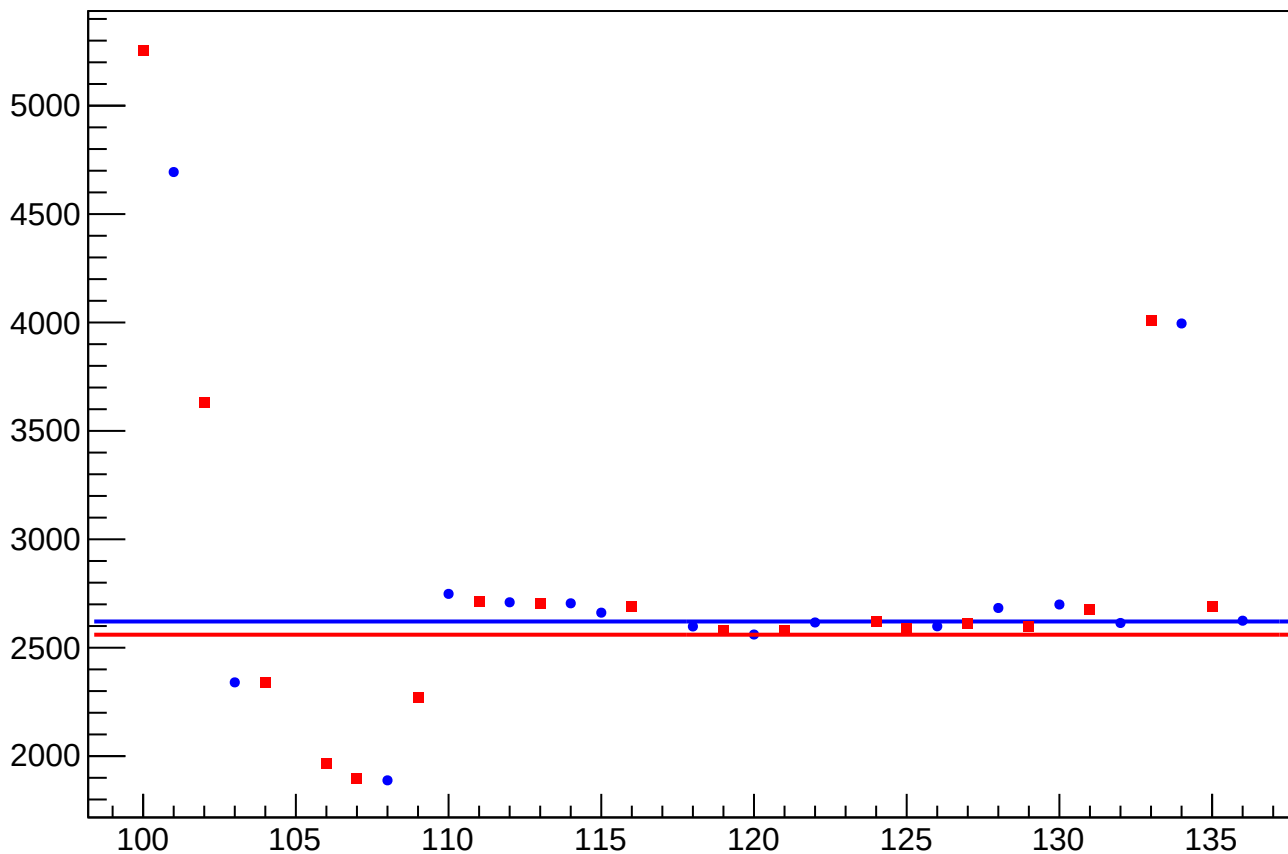
Right: 3555.017+/-696.523 χ^2/NDF : 25.6/33

In: 4256.984+/-990.541 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3555.017+/-696.523 χ^2/NDF : 25.6/33

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: 2560.017+/-0.692 χ^2/NDF : 378039.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

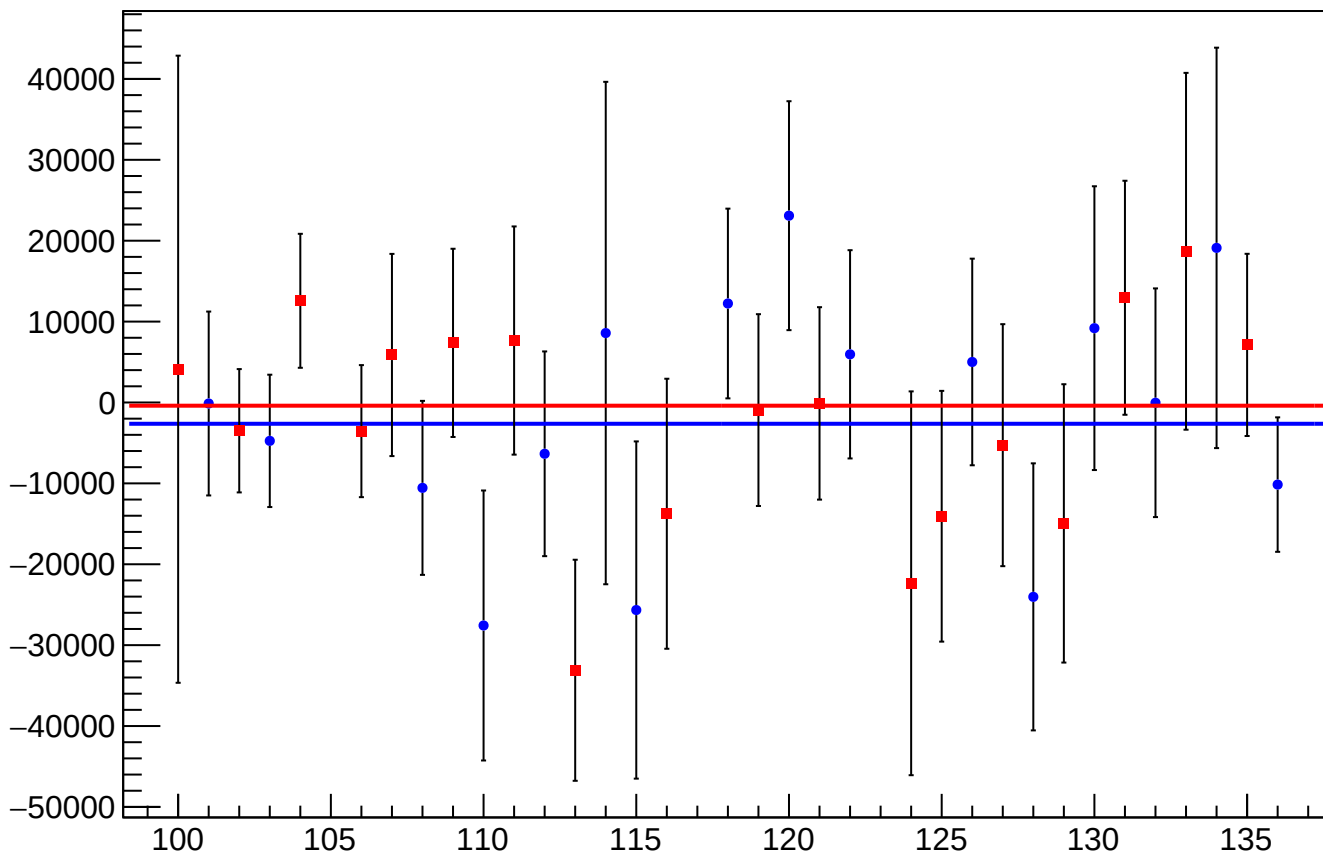
Right: 2590.133+/-0.492 χ^2/NDF : 867783.3/33

In: 2620.963+/-0.700 χ^2/NDF : 485914.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2590.133+/-0.492 χ^2/NDF : 867783.3/33

asym_atr2_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -2631.887+/-3211.501 χ^2/NDF : 13.8/15

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

Right Out: -397.185+/-2912.215 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

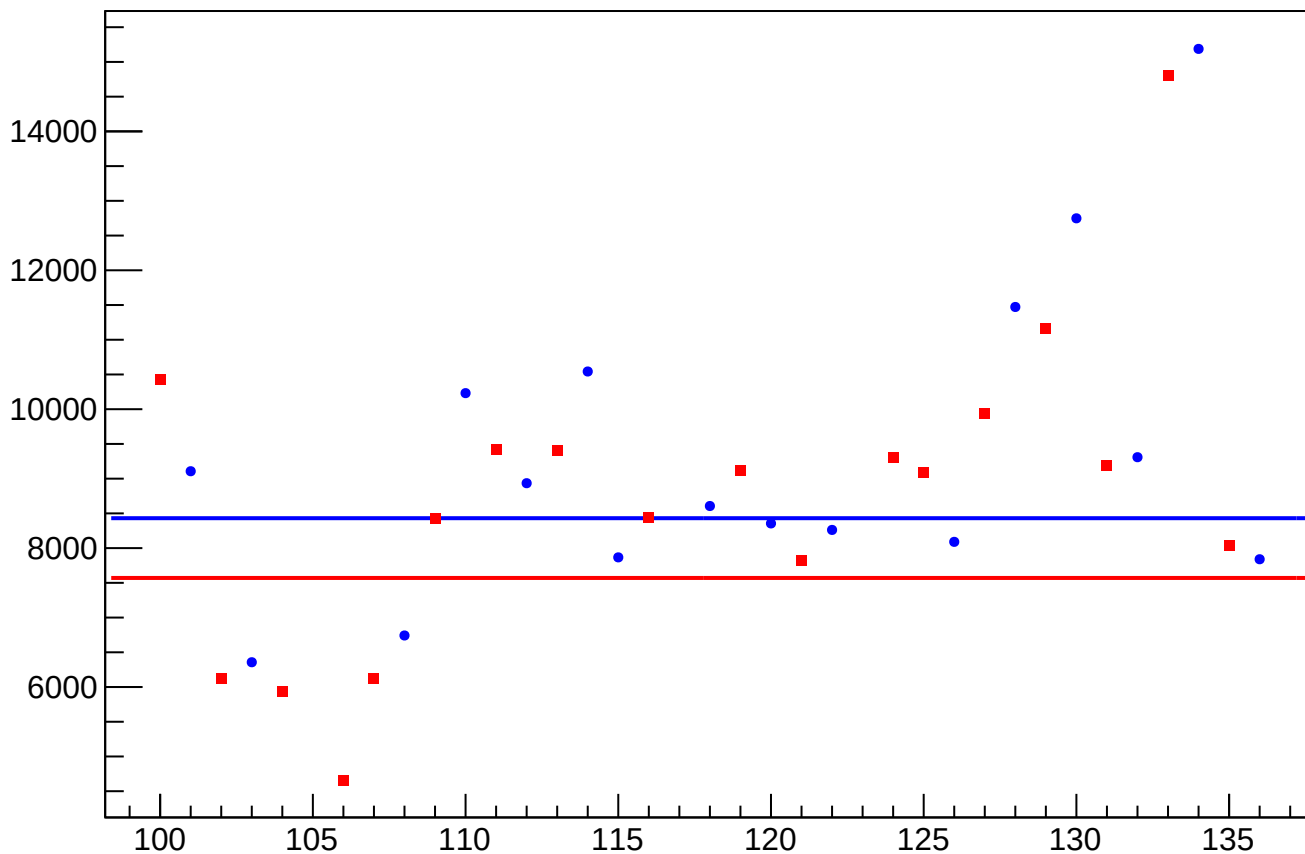
Right: -1405.579+/-2157.314 χ^2/NDF : 28.7/33

In: -2631.887+/-3211.501 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1405.579+/-2157.314 χ^2/NDF : 28.7/33

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: 7570.370+/-2.059 χ^2/NDF : 973452.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

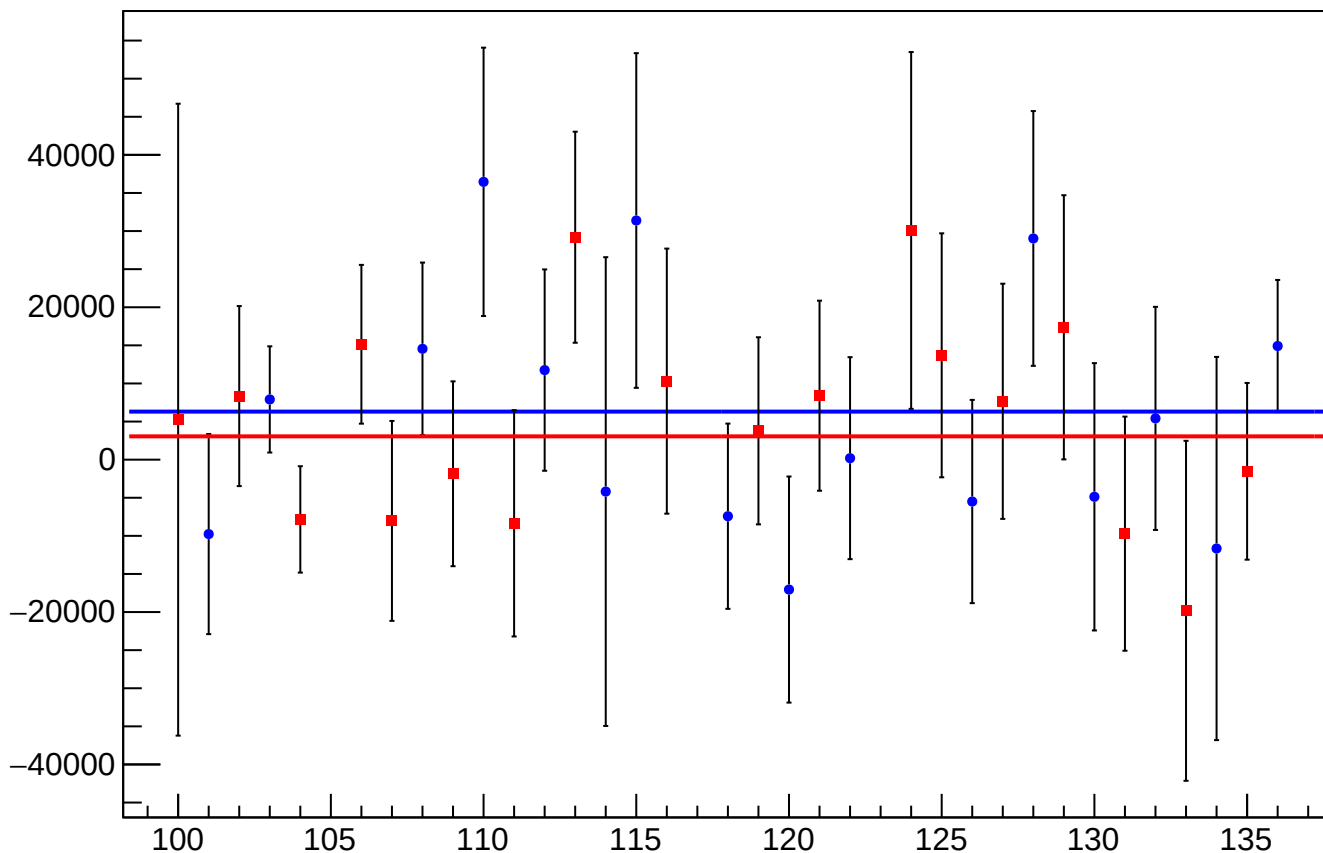
Right: 7958.614+/-1.525 χ^2/NDF : 1632515.7/33

In: 8430.758+/-2.271 χ^2/NDF : 580289.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7958.614+/-1.525 χ^2/NDF : 1632515.7/33

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: 3058.306+/-3113.624 χ^2/NDF : 13.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

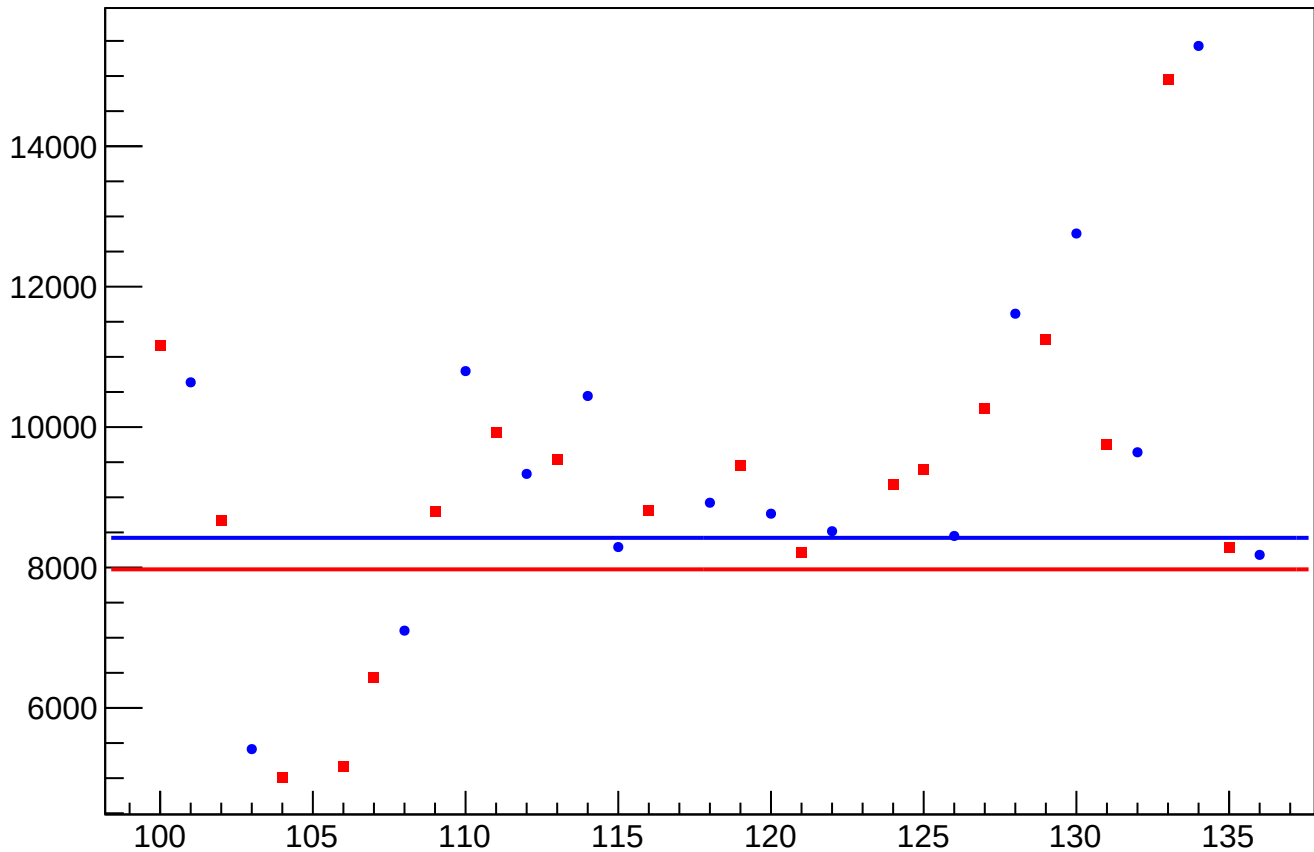
Right: 4618.226+/-2244.914 χ^2/NDF : 29.5/33

In: 6307.034+/-3239.703 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4618.226+/-2244.914 χ^2/NDF : 29.5/33

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: 7973.860+/-2.202 χ^2/NDF : 1015829.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

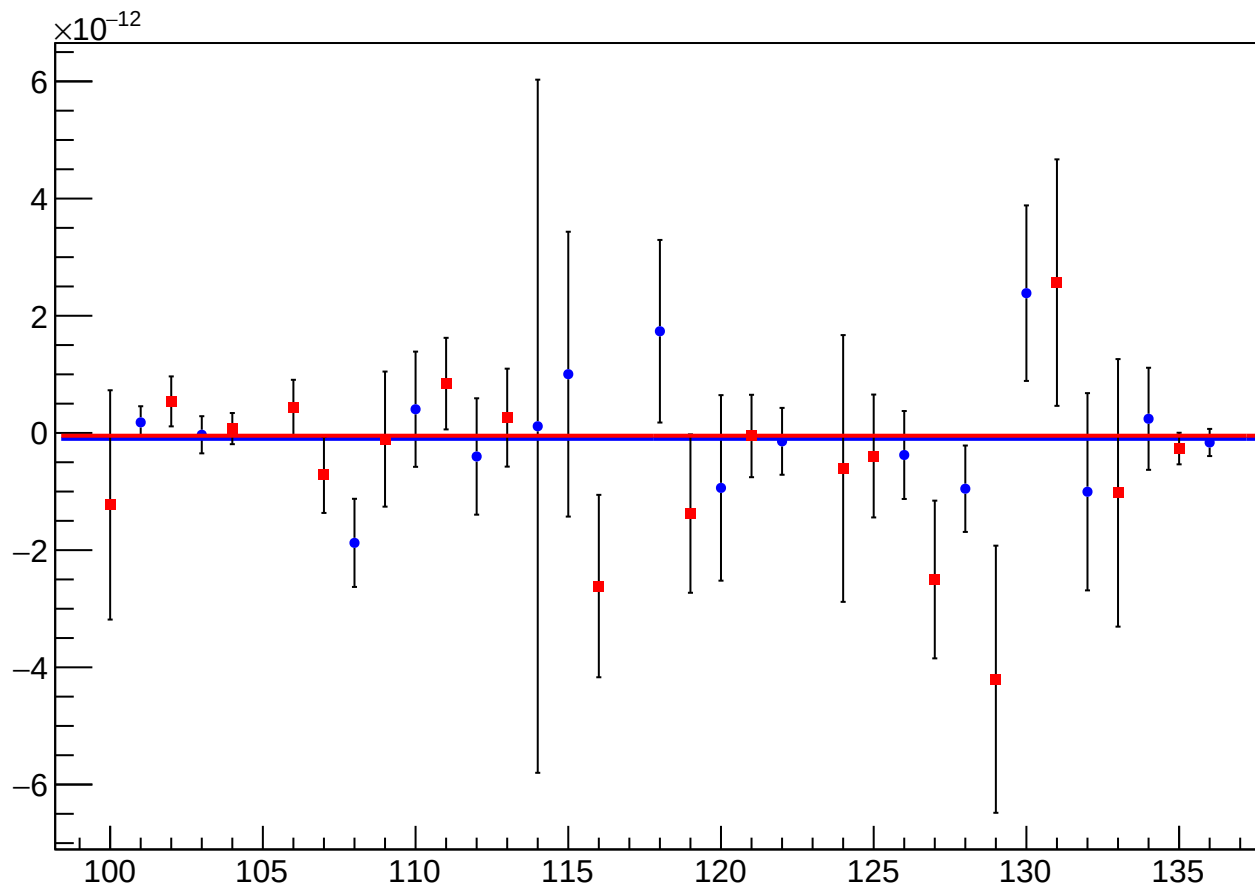
Right: 8189.380+/-1.587 χ^2/NDF : 1917620.8/33

In: 8422.717+/-2.291 χ^2/NDF : 881833.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8189.380+/-1.587 χ^2/NDF : 1917620.8/33

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 : 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

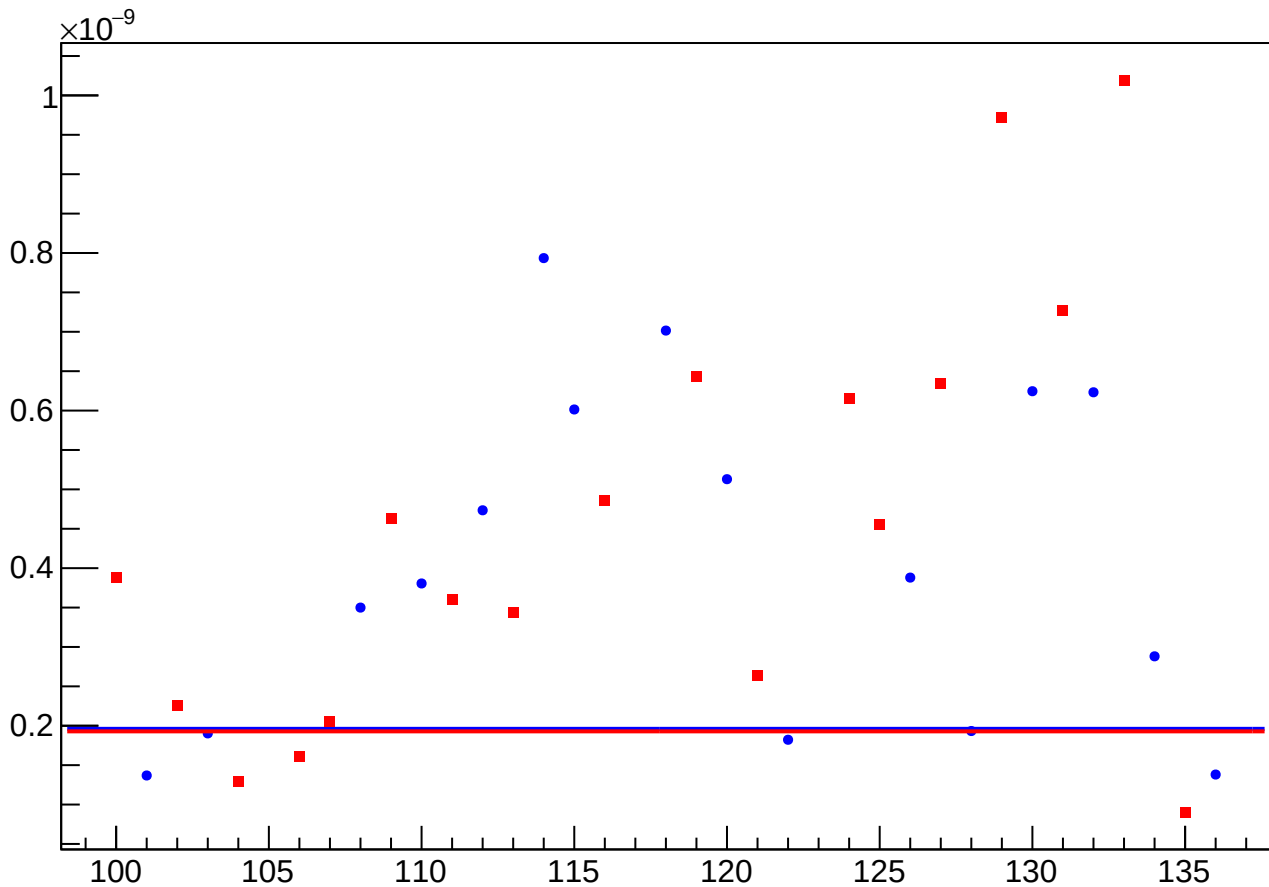
Right: -0.000+/-0.000 χ^2/NDF : 32.6/33

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 : 32.6/33

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 : 2062778.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

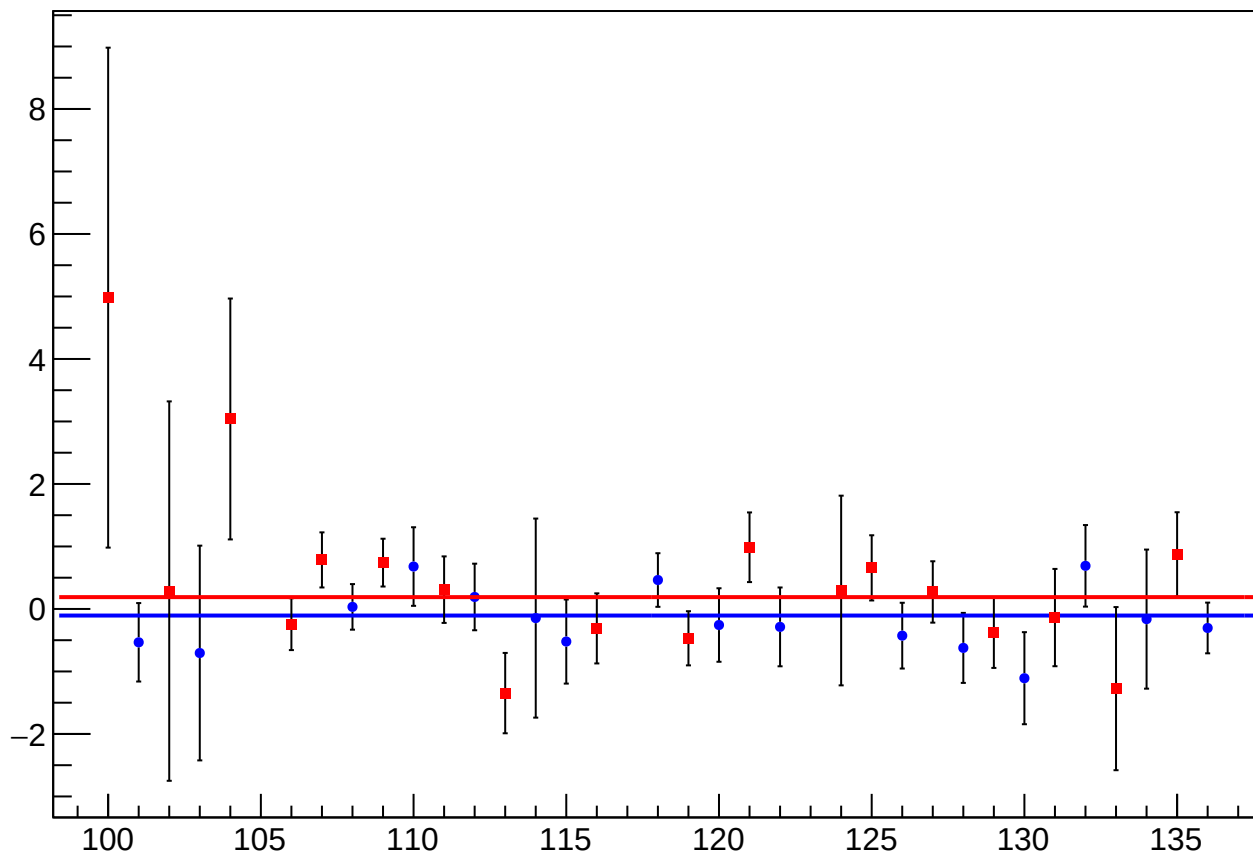
Right: 0.000+/-0.000 χ^2/NDF : 3405579.8/33

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 : 3405579.8/33

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: 0.189+/-0.139 χ^2/NDF : 23.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

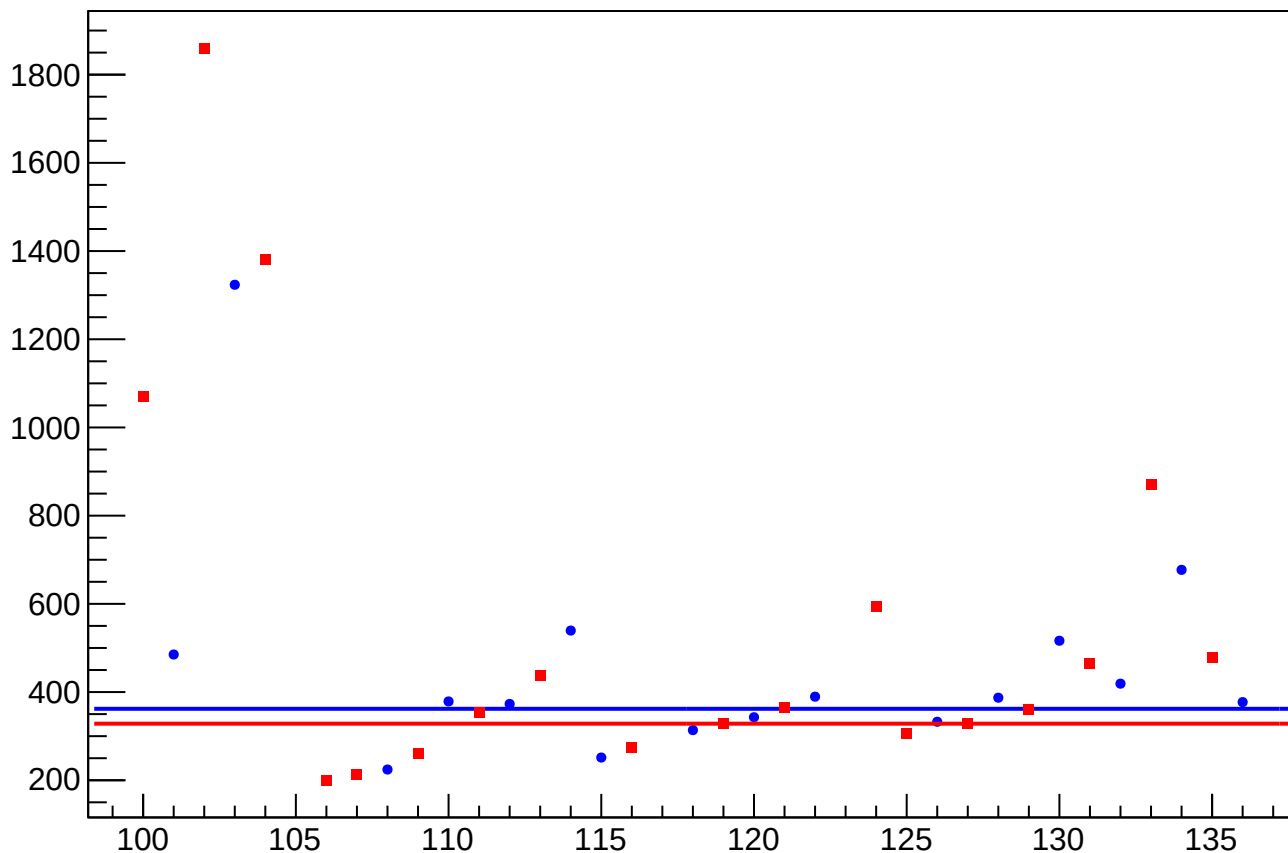
Right: 0.048+/-0.100 χ^2/NDF : 35.7/33

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 : 35.7/33

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: 328.297 $\pm$ 0.098 χ^2 /NDF: 2232130.3/17

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

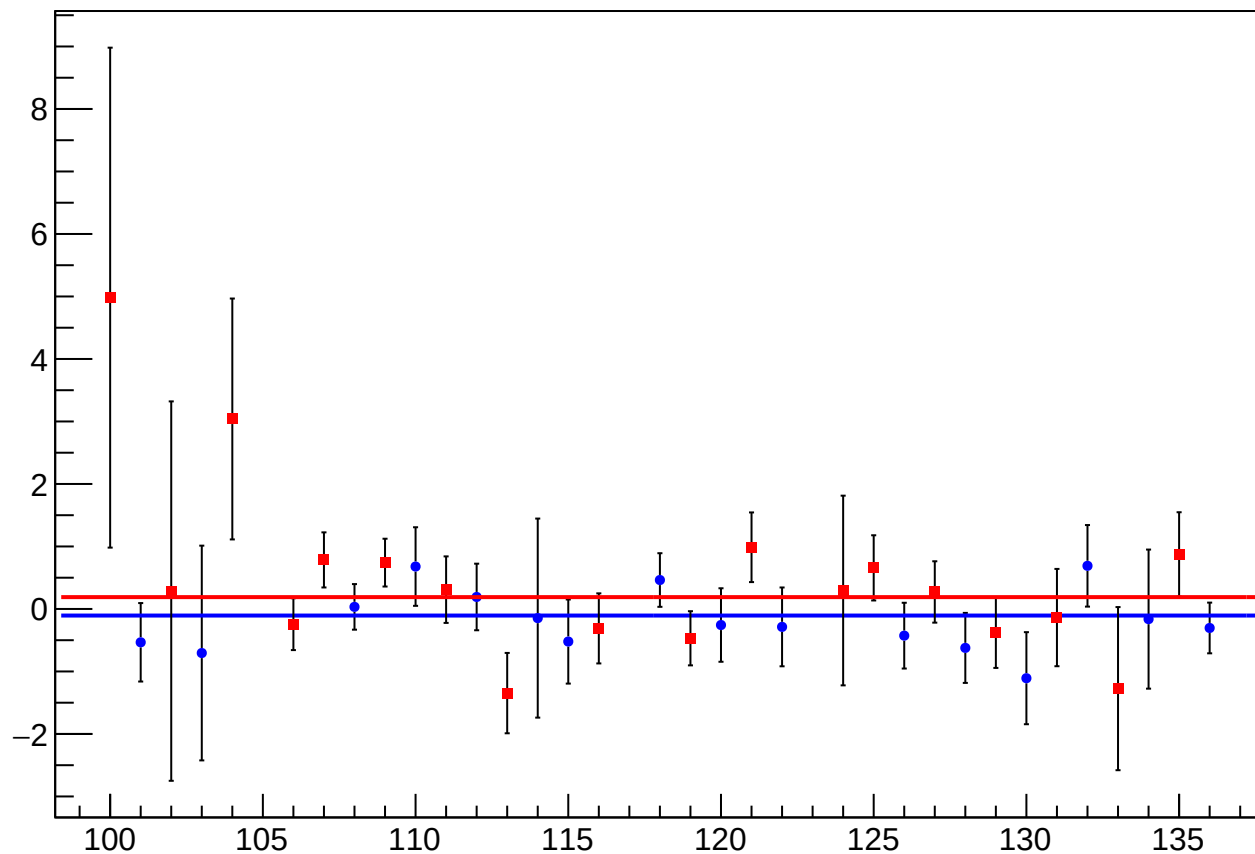
Right: 344.493 $\pm$ 0.071 χ^2 /NDF: 3666012.0/33

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: 344.493 $\pm$ 0.071 χ^2 /NDF: 3666012.0/33

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: 0.189+/-0.139 χ^2/NDF : 23.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

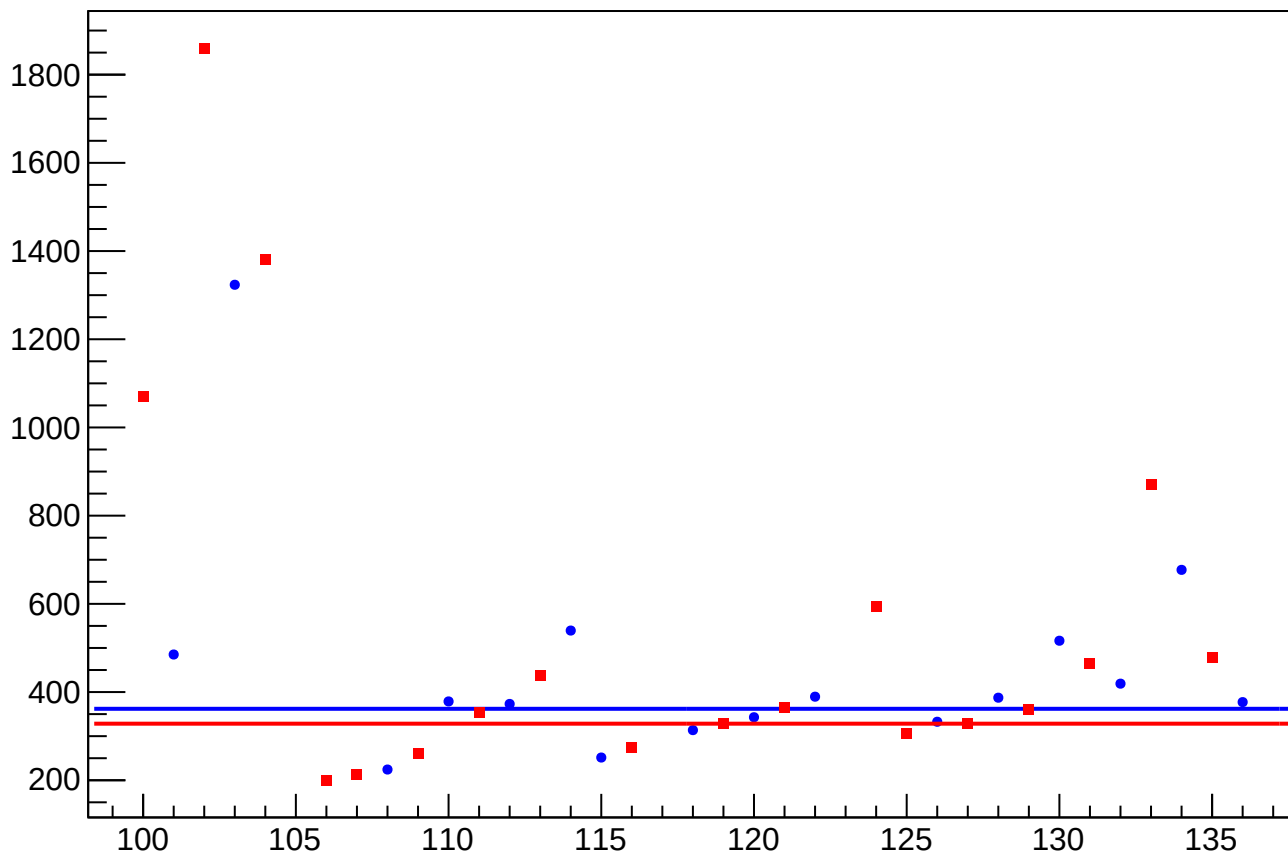
Right: 0.048+/-0.100 χ^2/NDF : 35.7/33

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 : 35.7/33

asym_atr2_dit_vs_eigen_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: 328.297 $\pm$ 0.098 χ^2 /NDF: 2232130.3/17

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

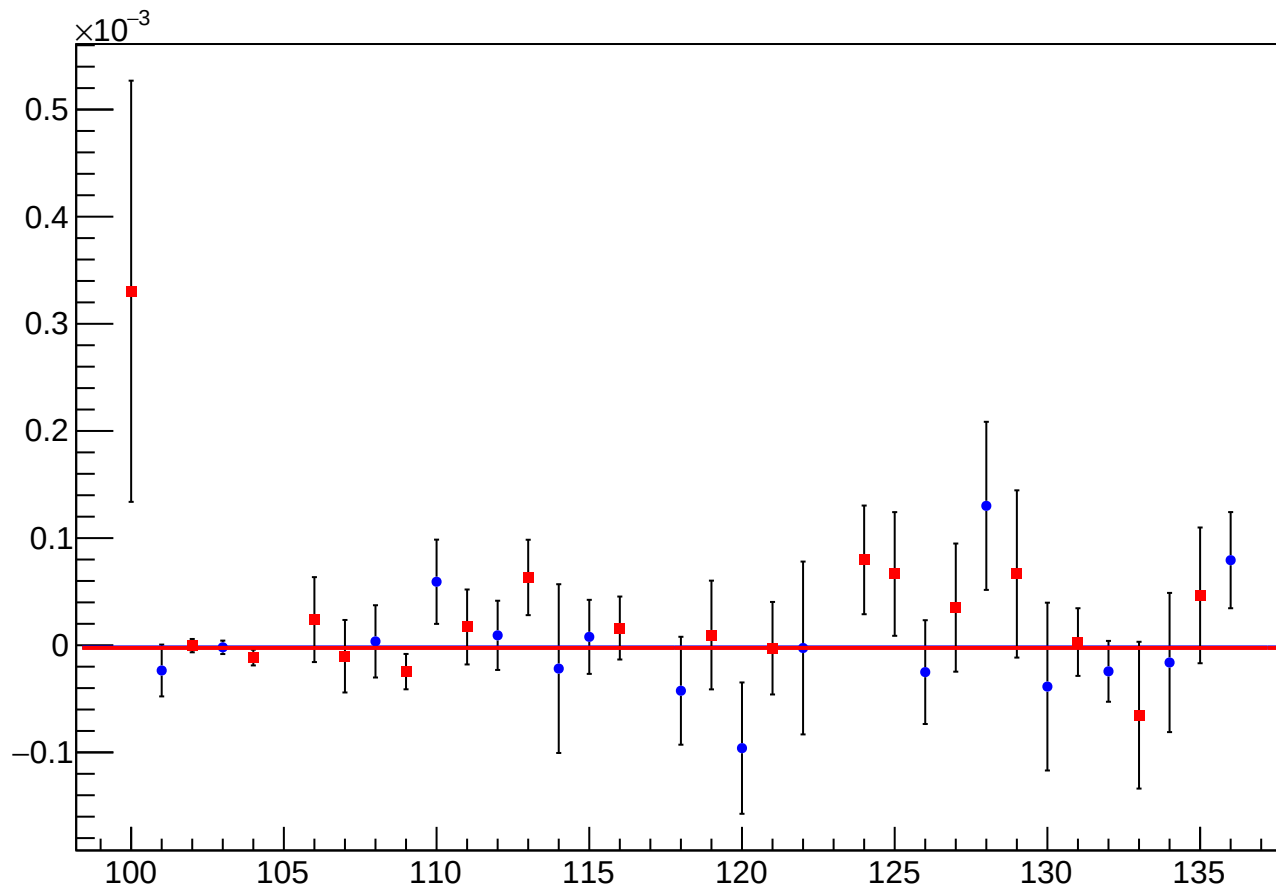
Right: 344.493 $\pm$ 0.071 χ^2 /NDF: 3666012.0/33

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: 344.493 $\pm$ 0.071 χ^2 /NDF: 3666012.0/33

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: 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

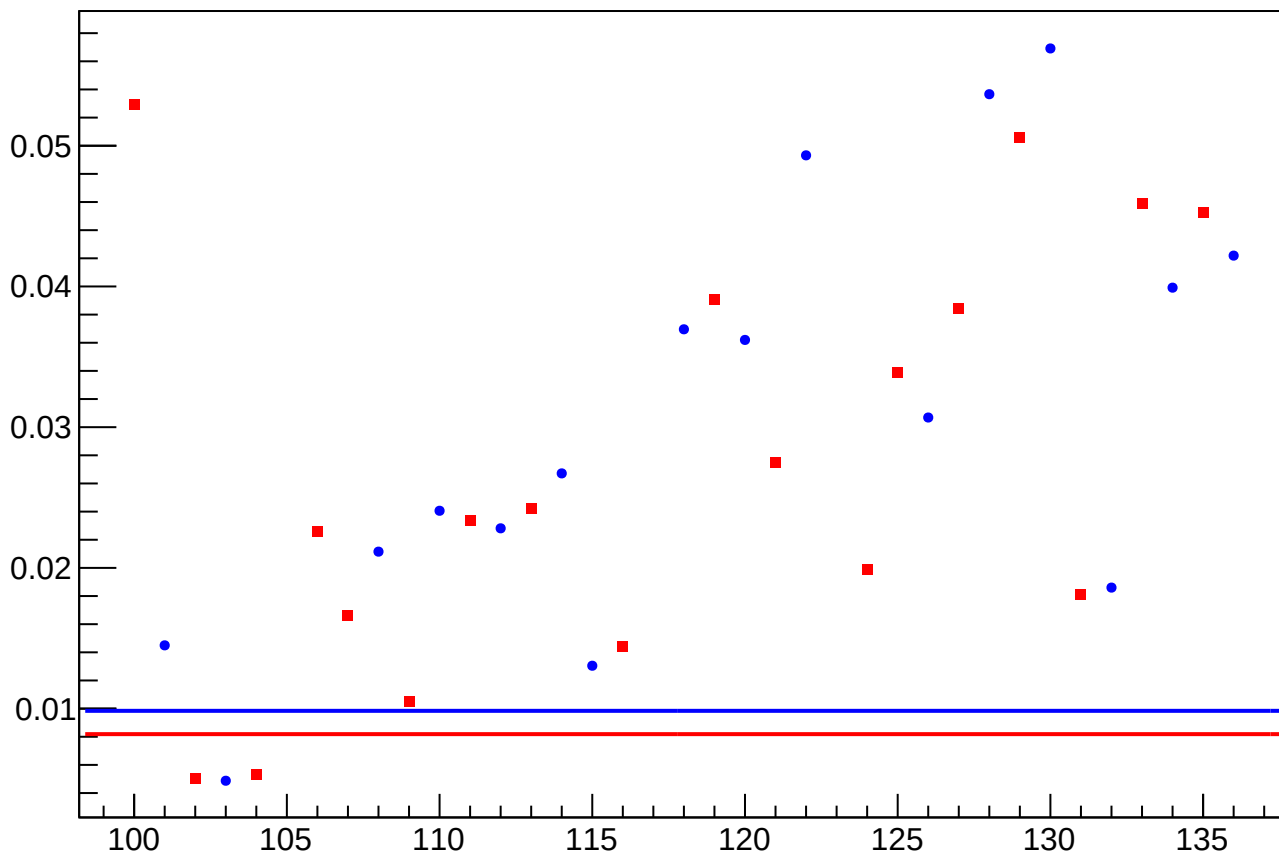
Right: -0.000+/-0.000 χ^2 /NDF: 31.5/33

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: 31.5/33

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 : 6479274.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

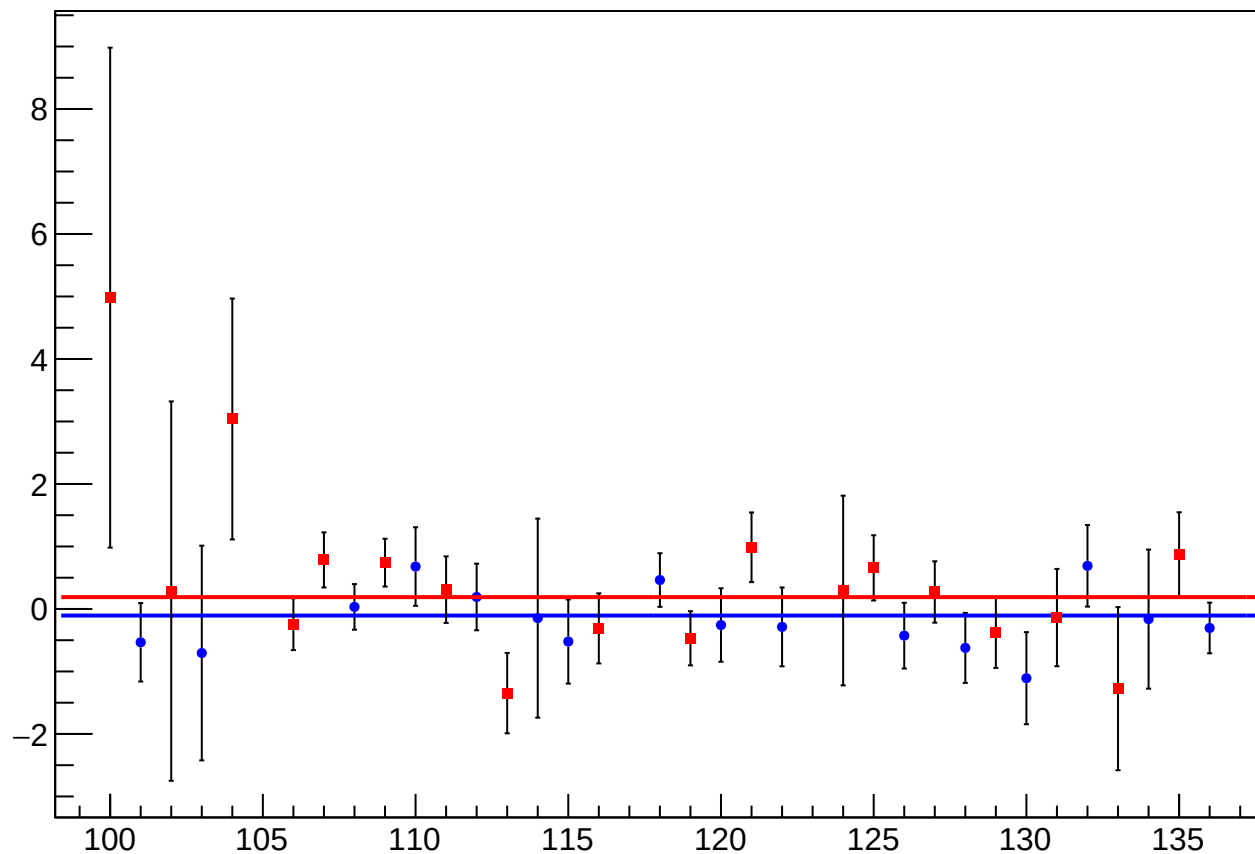
Right: 0.009+/-0.000 χ^2/NDF : 13647980.9/33

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 : 13647980.9/33

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: 0.189+/-0.139 χ^2/NDF : 23.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

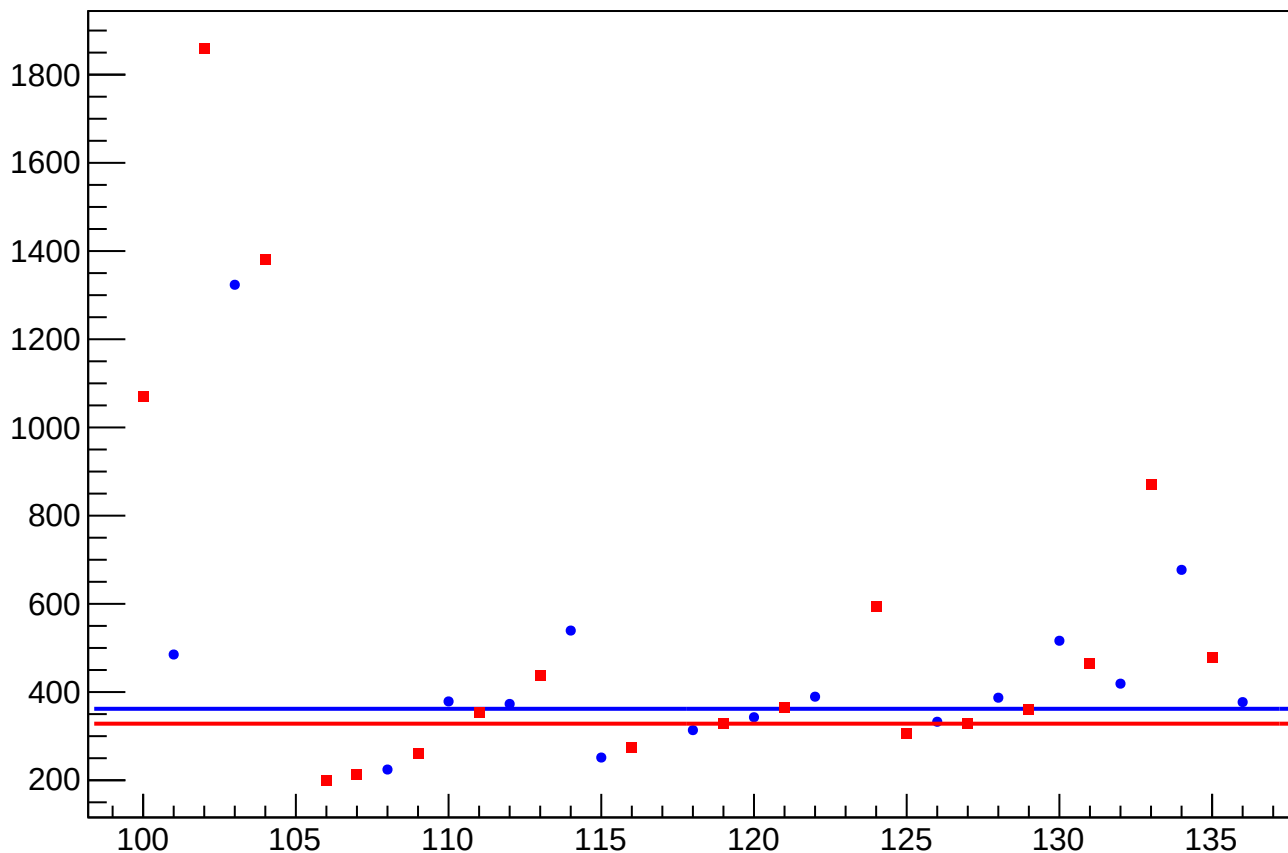
Right: 0.048+/-0.100 χ^2/NDF : 35.7/33

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 : 35.7/33

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: 328.296+/-0.098 χ^2/NDF : 2232115.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

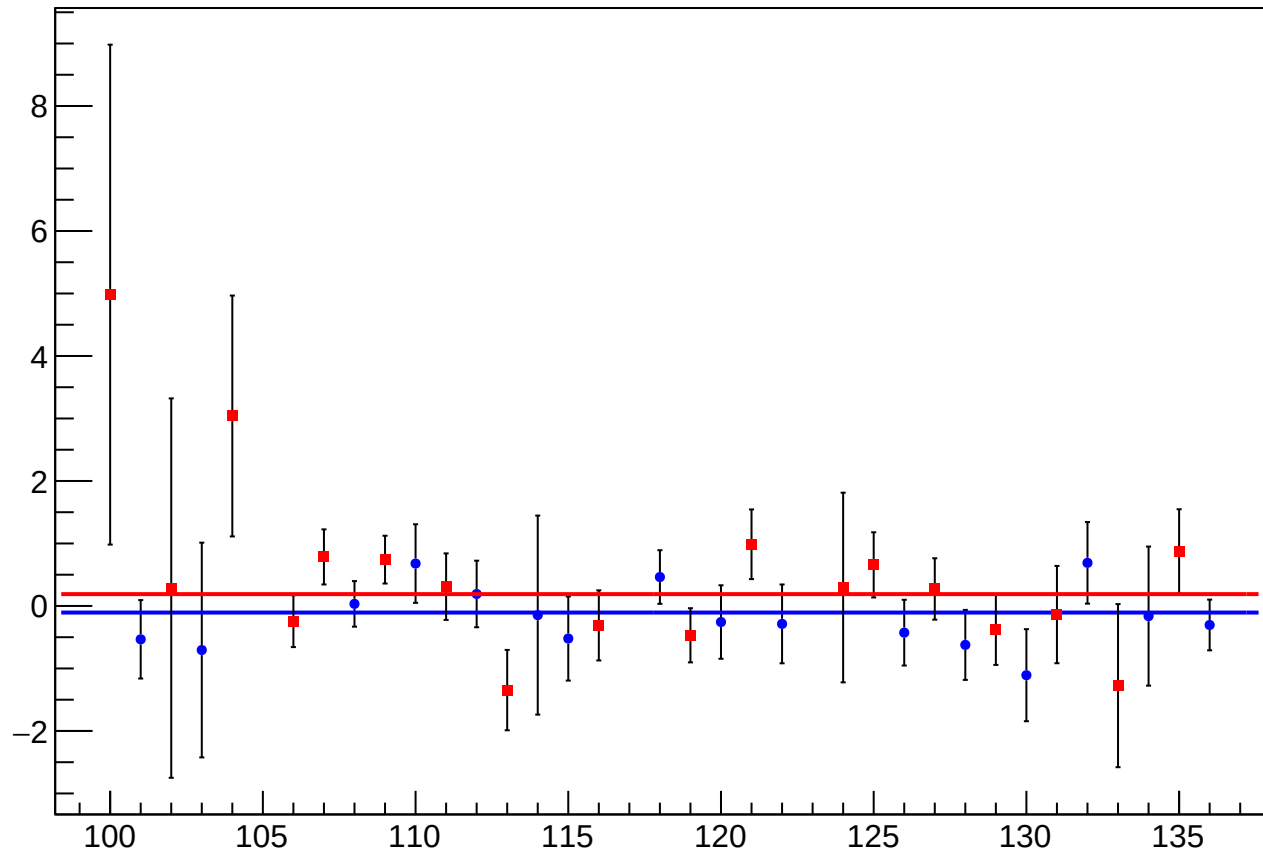
Right: 344.491+/-0.071 χ^2/NDF : 3665997.1/33

In: 362.034+/-0.102 χ^2/NDF : 1377333.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 344.491+/-0.071 χ^2/NDF : 3665997.1/33

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: 0.189+/-0.139 χ^2/NDF : 23.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

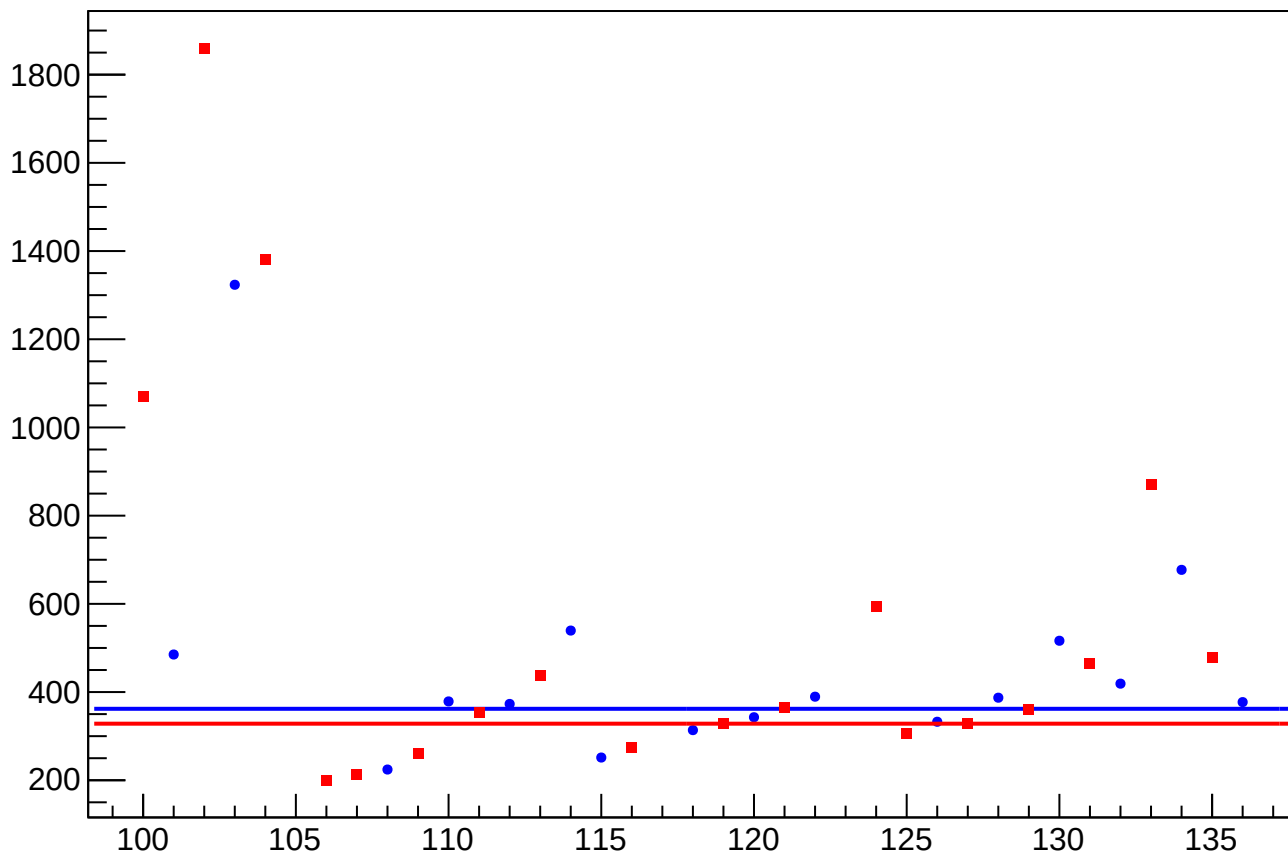
Right: 0.048+/-0.100 χ^2/NDF : 35.7/33

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 : 35.7/33

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: 328.296+/-0.098 χ^2/NDF : 2232115.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

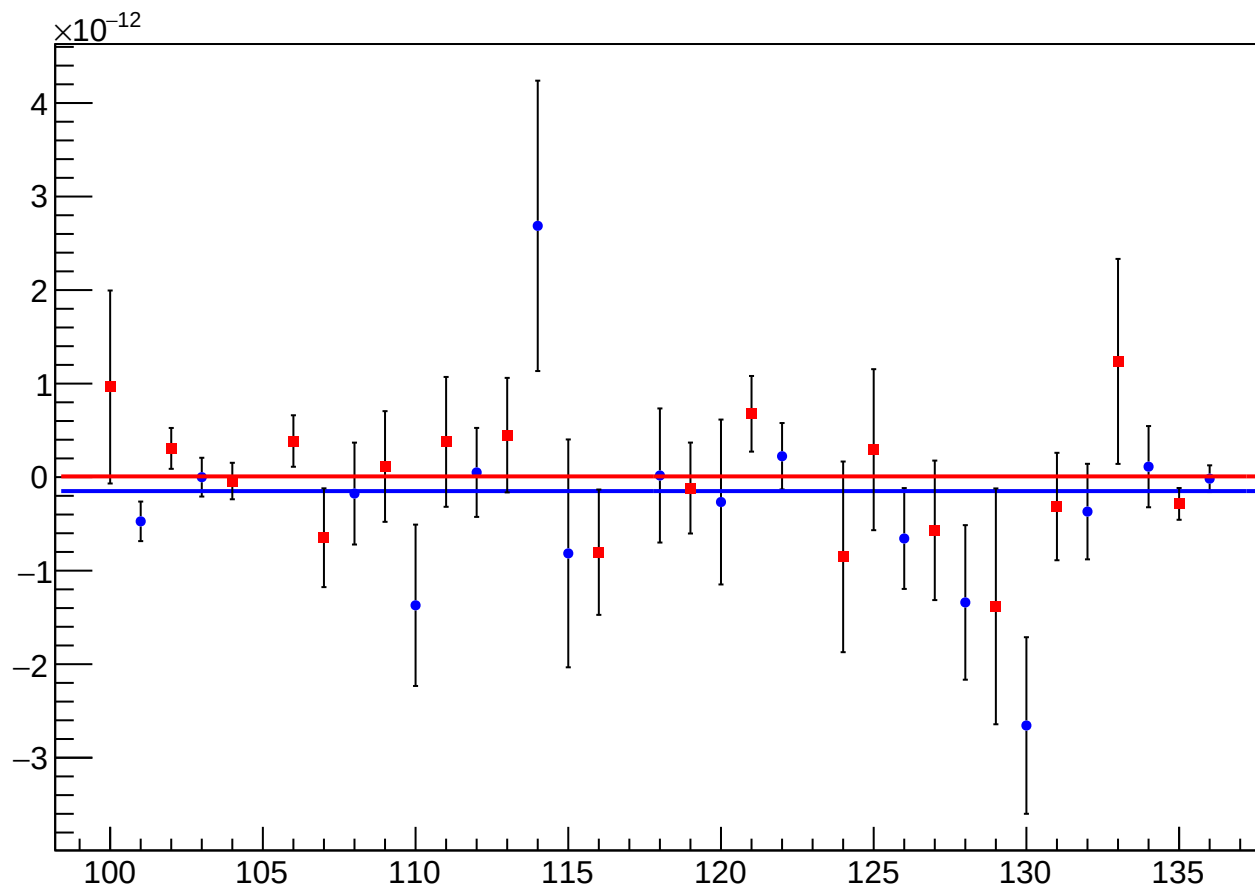
Right: 344.491+/-0.071 χ^2/NDF : 3665997.1/33

In: 362.034+/-0.102 χ^2/NDF :1377333.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 344.491+/-0.071 χ^2/NDF : 3665997.1/33

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 : 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

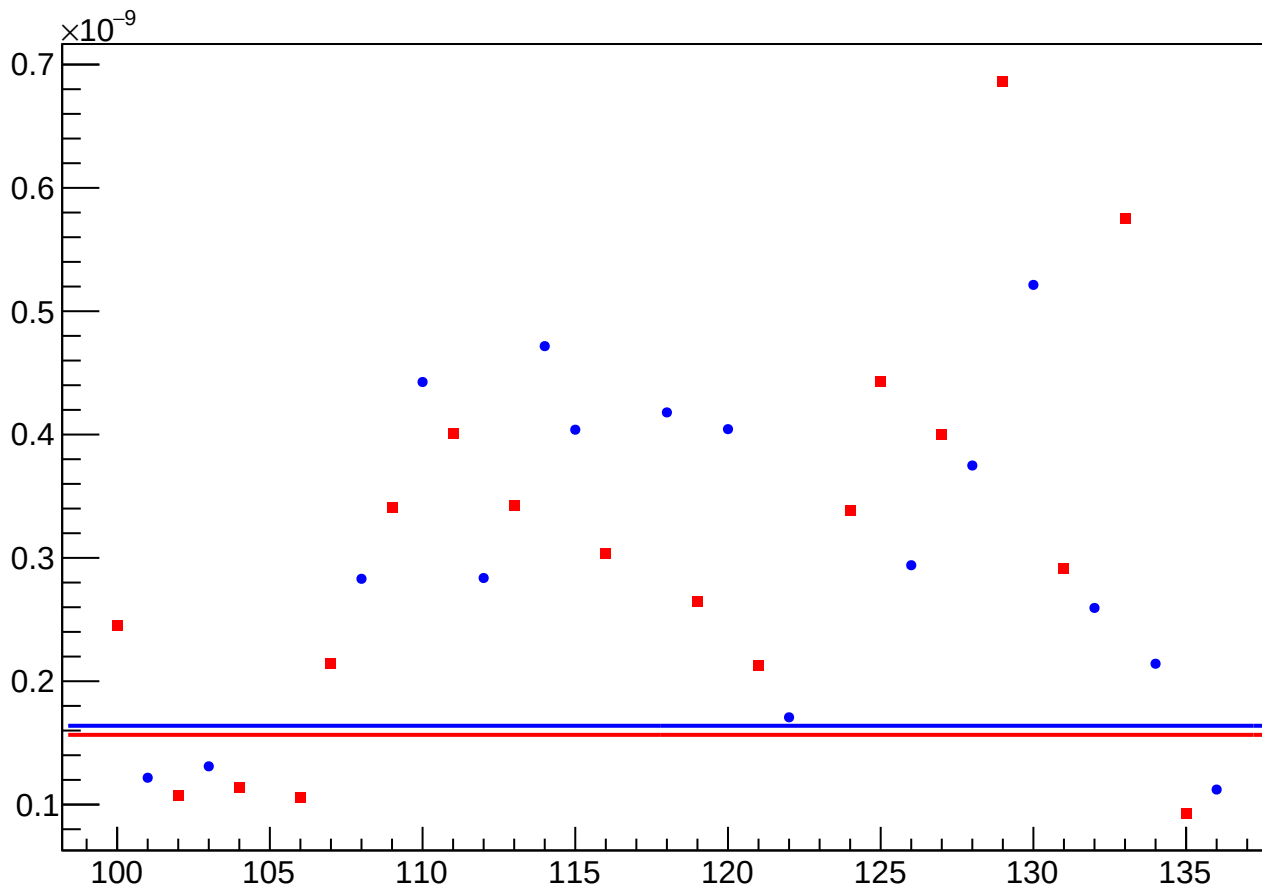
Right: -0.000 ± 0.000 χ^2/NDF : 41.4/33

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 : 41.4/33

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 : 2701660.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

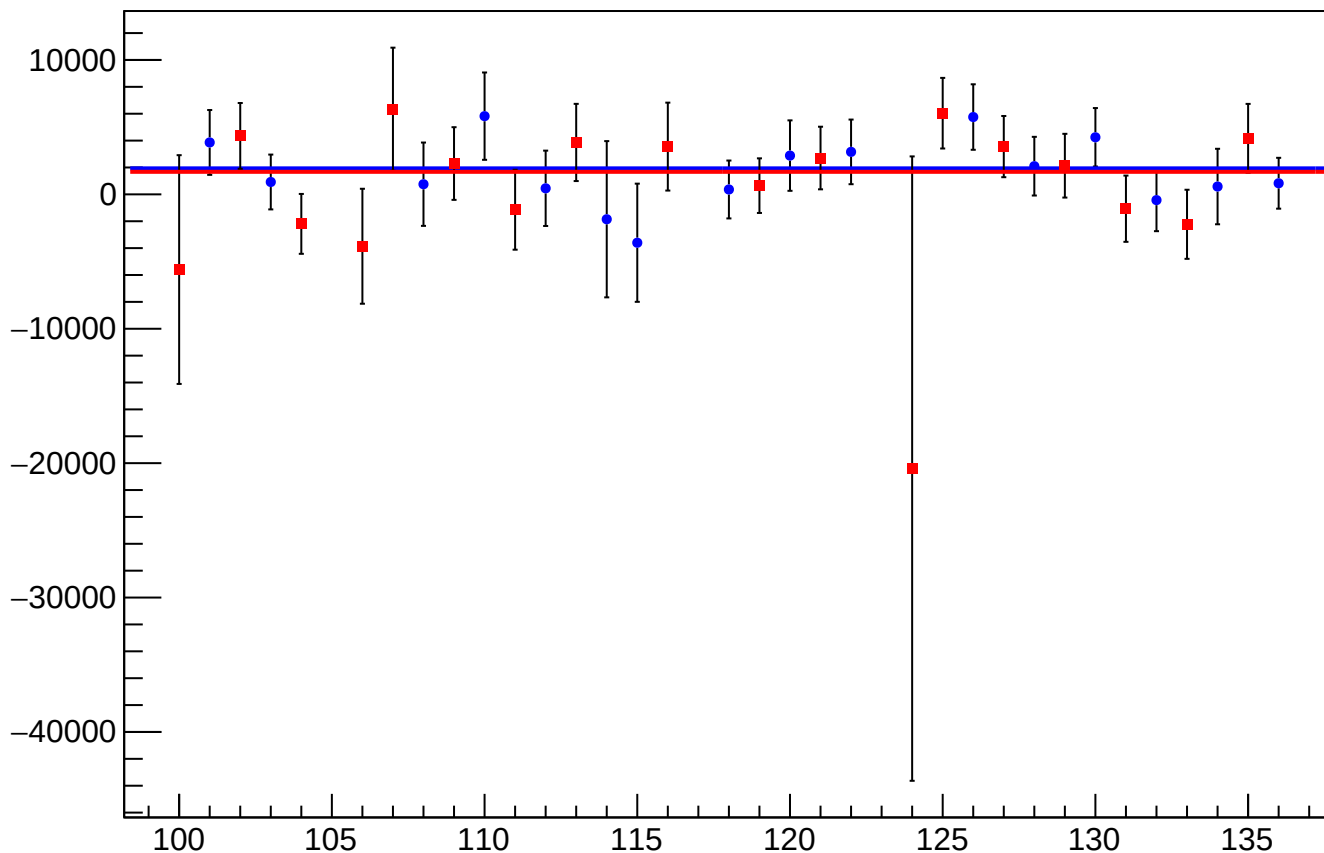
Right: 0.000+/-0.000 χ^2/NDF : 4719900.7/33

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 : 4719900.7/33

reg_asym_atl_avg_mean vs Slug, Sign Corrected



Right In: 1934.755+/-627.874 χ^2/NDF : 10.9/15

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

Right Out: 1676.972+/-650.785 χ^2/NDF : 18.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

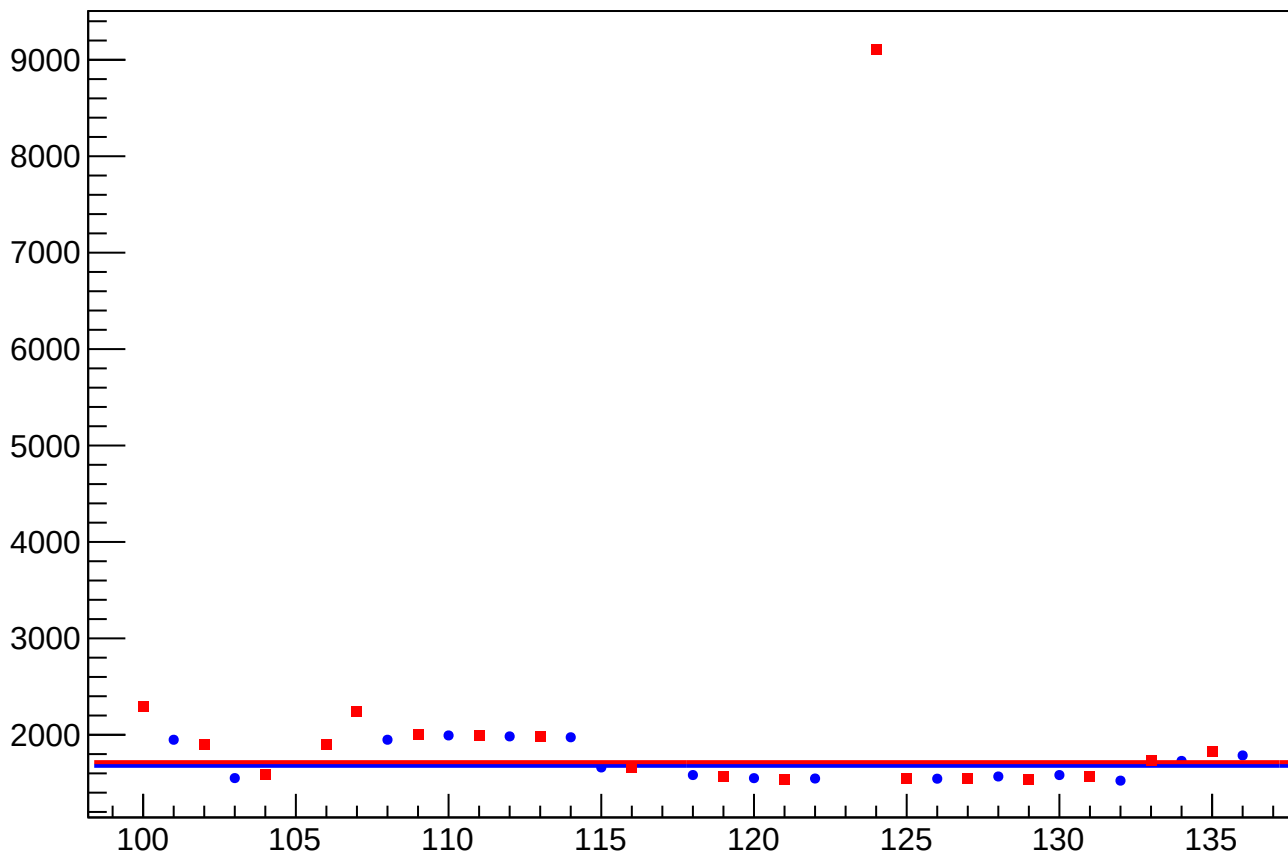
Right: 1810.481+/-451.857 χ^2/NDF : 29.8/33

In: 1934.755+/-627.874 χ^2/NDF : 10.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1810.481+/-451.857 χ^2/NDF : 29.8/33

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: 1716.505+/-0.458 χ^2/NDF : 382579.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

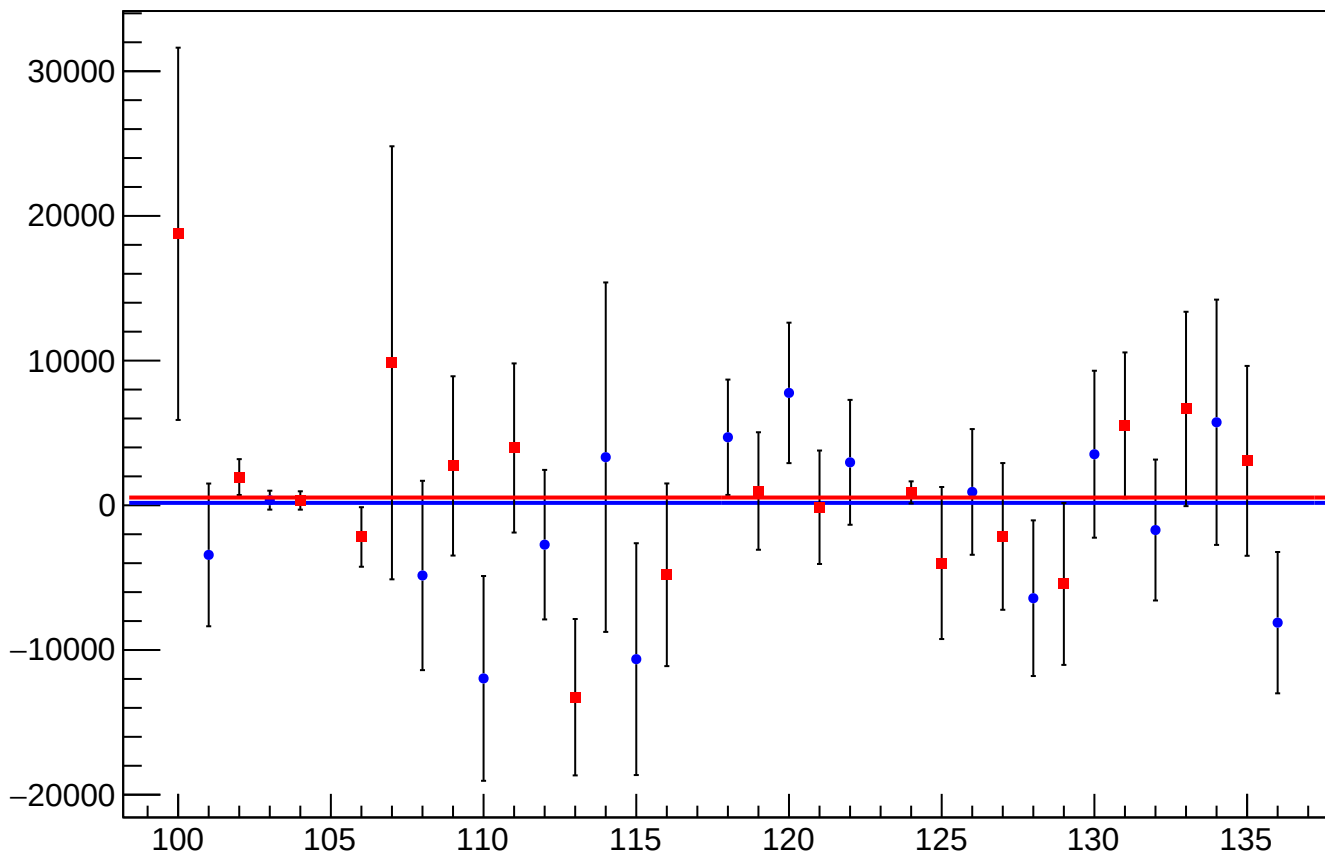
Right: 1696.936+/-0.319 χ^2/NDF : 527604.4/33

In: 1678.543+/-0.444 χ^2/NDF : 141482.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.936+/-0.319 χ^2/NDF : 527604.4/33

asym_atl_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 168.283+/-591.607 χ^2/NDF : 15.8/15

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

Right Out: 537.699+/-425.143 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

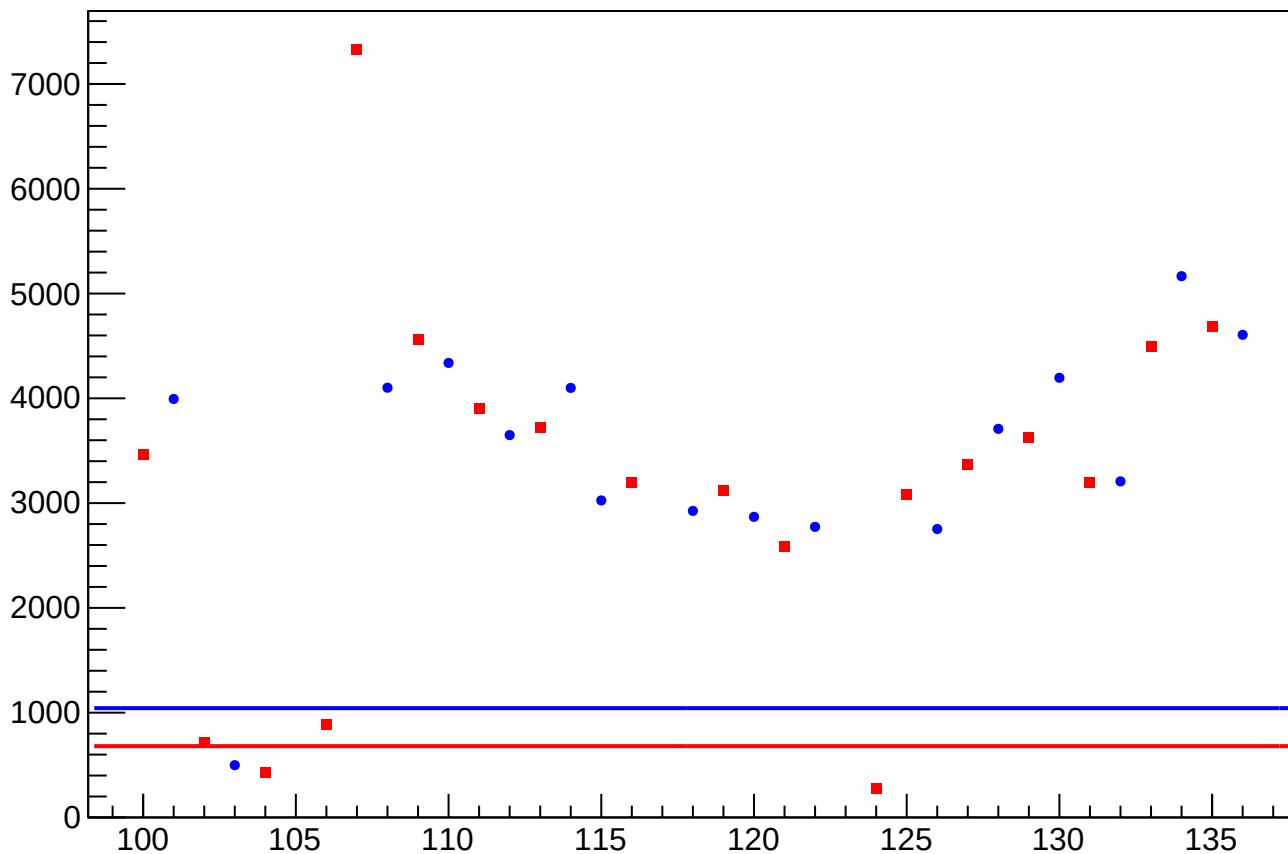
Right: 411.893+/-345.243 χ^2/NDF : 33.7/33

In: 168.283+/-591.607 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 411.893+/-345.243 χ^2/NDF : 33.7/33

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: 680.617+/-0.301 χ^2/NDF : 8337120.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

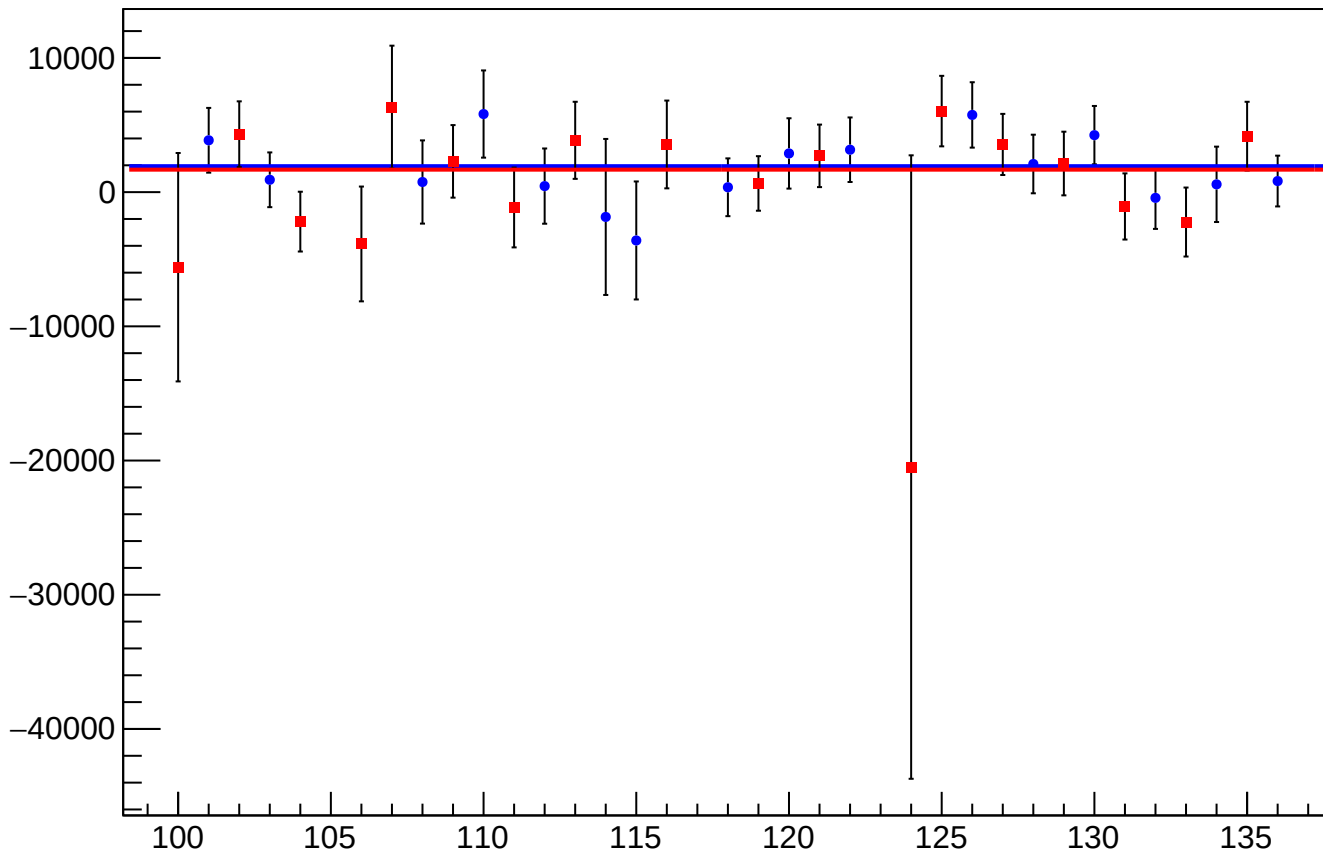
Right: 804.067+/-0.244 χ^2/NDF : 16944194.7/33

In: 1043.117+/-0.418 χ^2/NDF :8111897.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 804.067+/-0.244 χ^2/NDF : 16944194.7/33

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: 1674.443+/-650.790 χ^2/NDF : 18.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

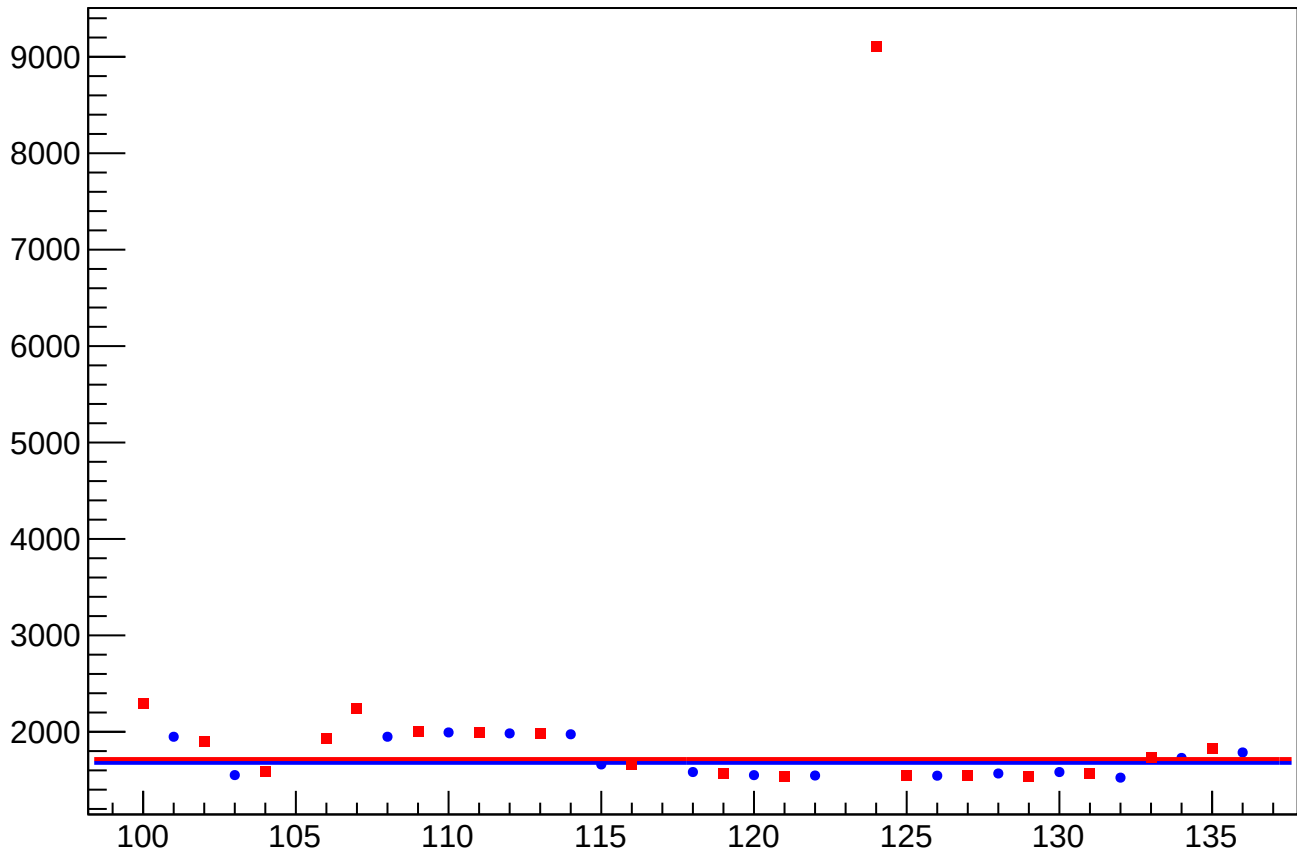
Right: 1809.323+/-451.858 χ^2/NDF : 29.8/33

In: 1934.871+/-627.874 χ^2/NDF : 10.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1809.323+/-451.858 χ^2/NDF : 29.8/33

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: 1717.360+/-0.458 χ^2/NDF : 384337.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

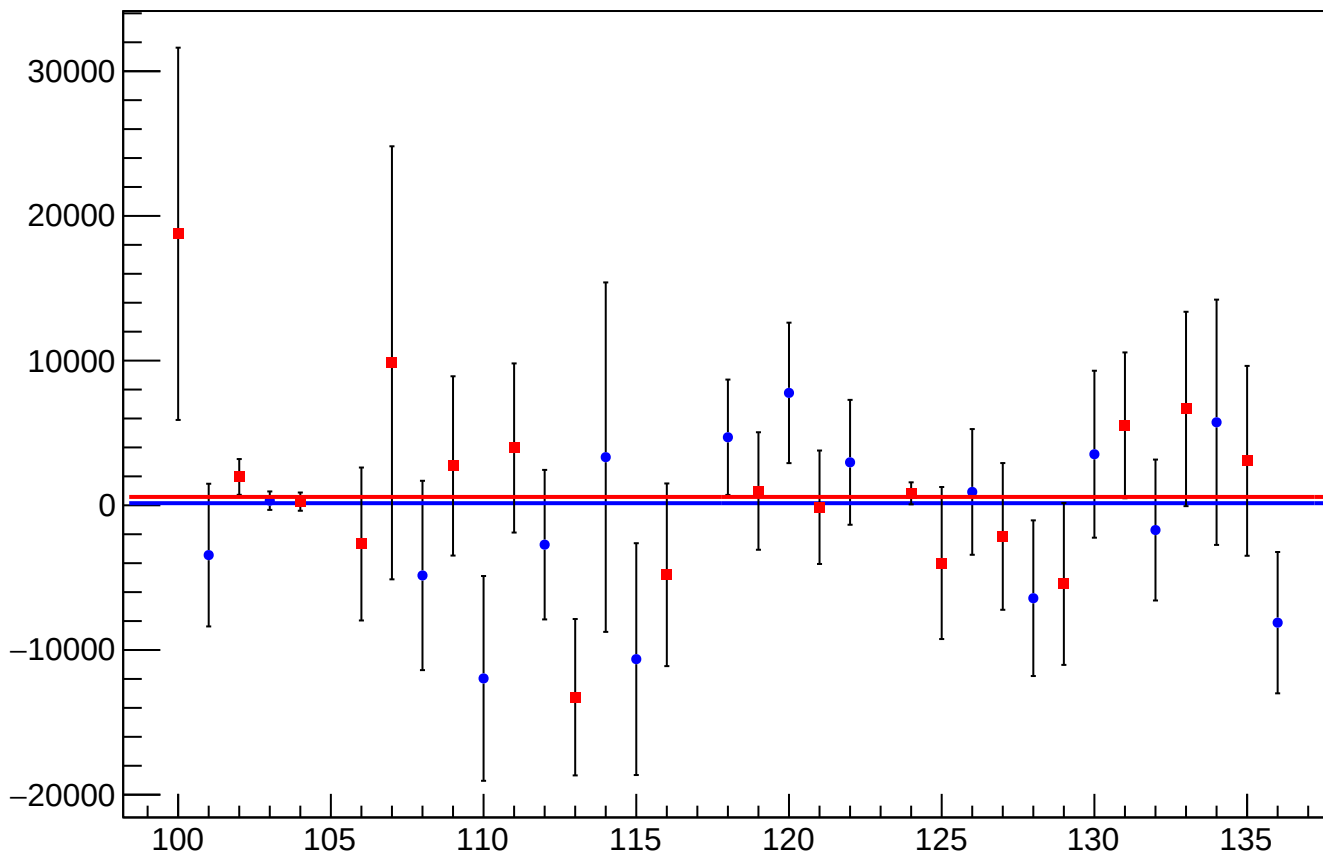
Right: 1697.341+/-0.319 χ^2/NDF : 529521.5/33

In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.341+/-0.319 χ^2/NDF : 529521.5/33

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: 578.600+/-430.997 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

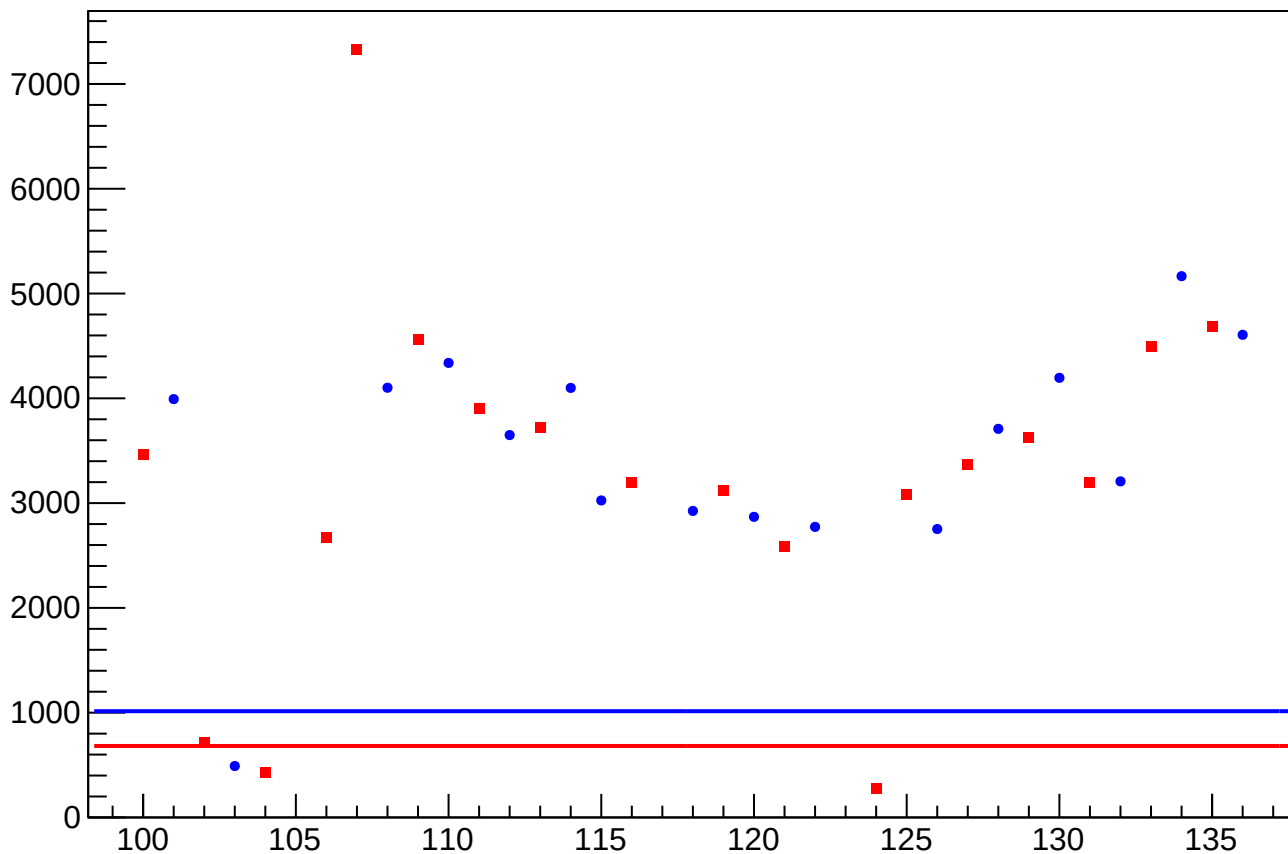
Right: 424.677+/-345.803 χ^2/NDF : 32.5/33

In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.677+/-345.803 χ^2/NDF : 32.5/33

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: 682.159+/-0.305 χ^2/NDF : 8616197.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

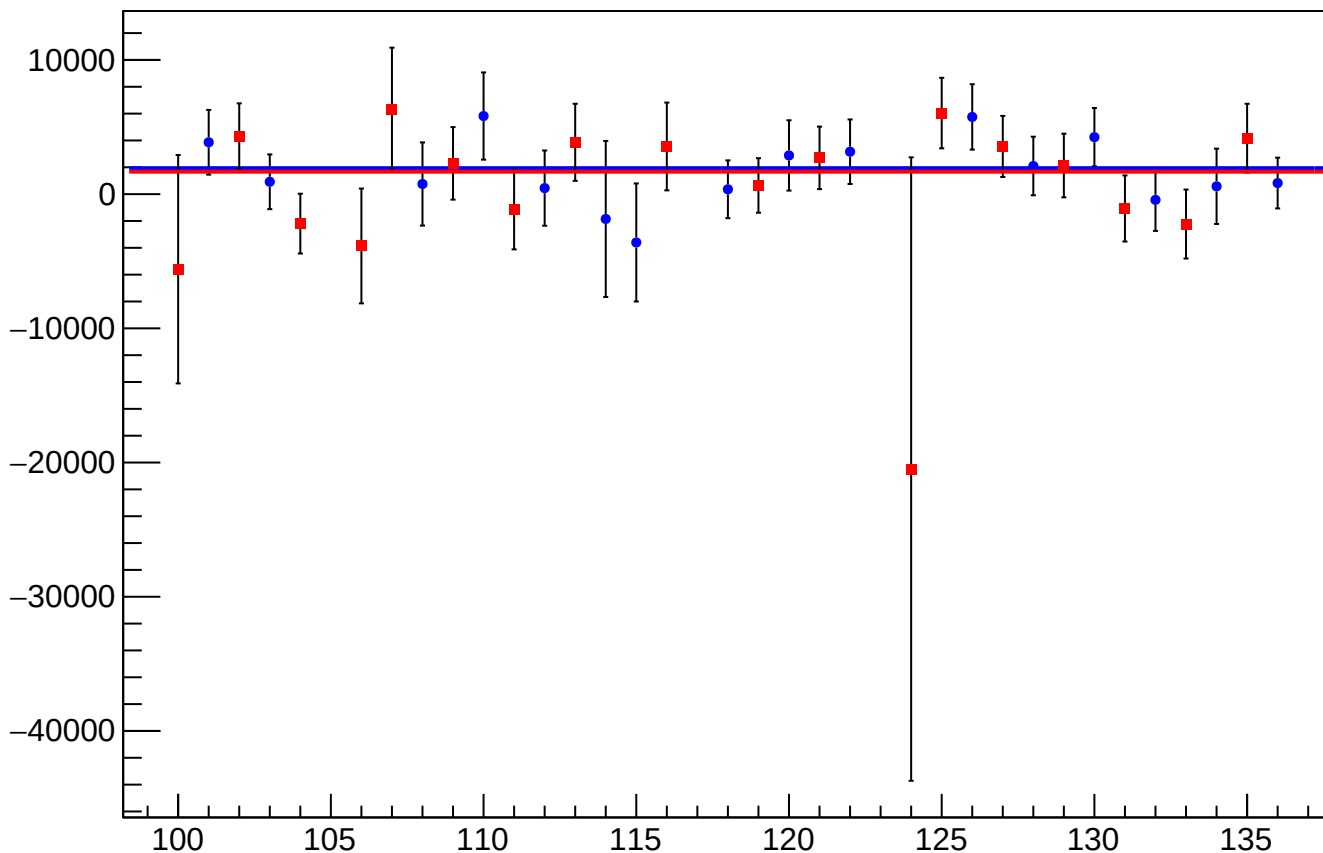
Right: 800.414+/-0.245 χ^2/NDF : 17261840.8/33

In: 1014.094+/-0.410 χ^2/NDF :8223017.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 800.414+/-0.245 χ^2/NDF : 17261840.8/33

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: 1674.443 $\pm$ 650.790 χ^2/NDF : 18.8/17

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

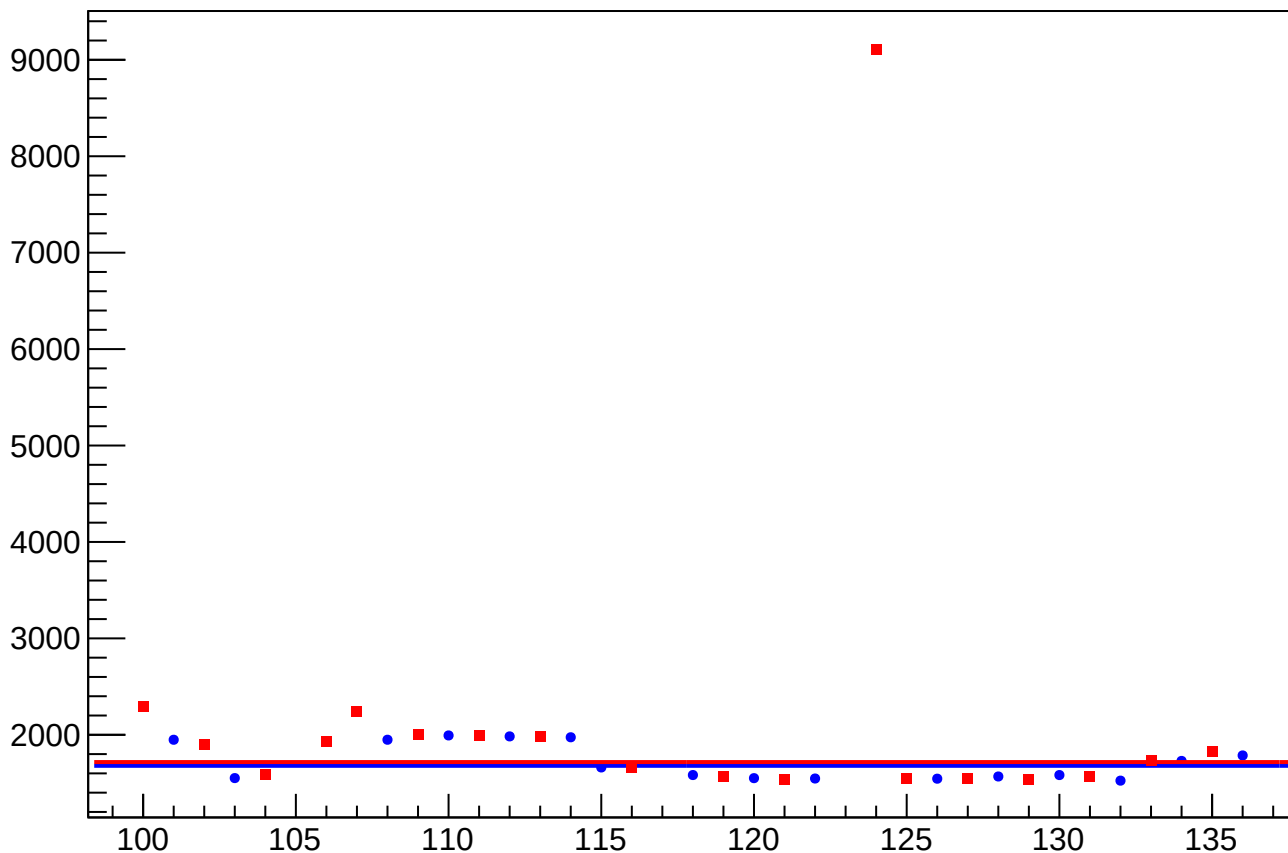
Right: 1809.323 $\pm$ 451.858 χ^2/NDF : 29.8/33

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: 1809.323 $\pm$ 451.858 χ^2/NDF : 29.8/33

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: 1717.360+/-0.458 χ^2/NDF : 384337.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

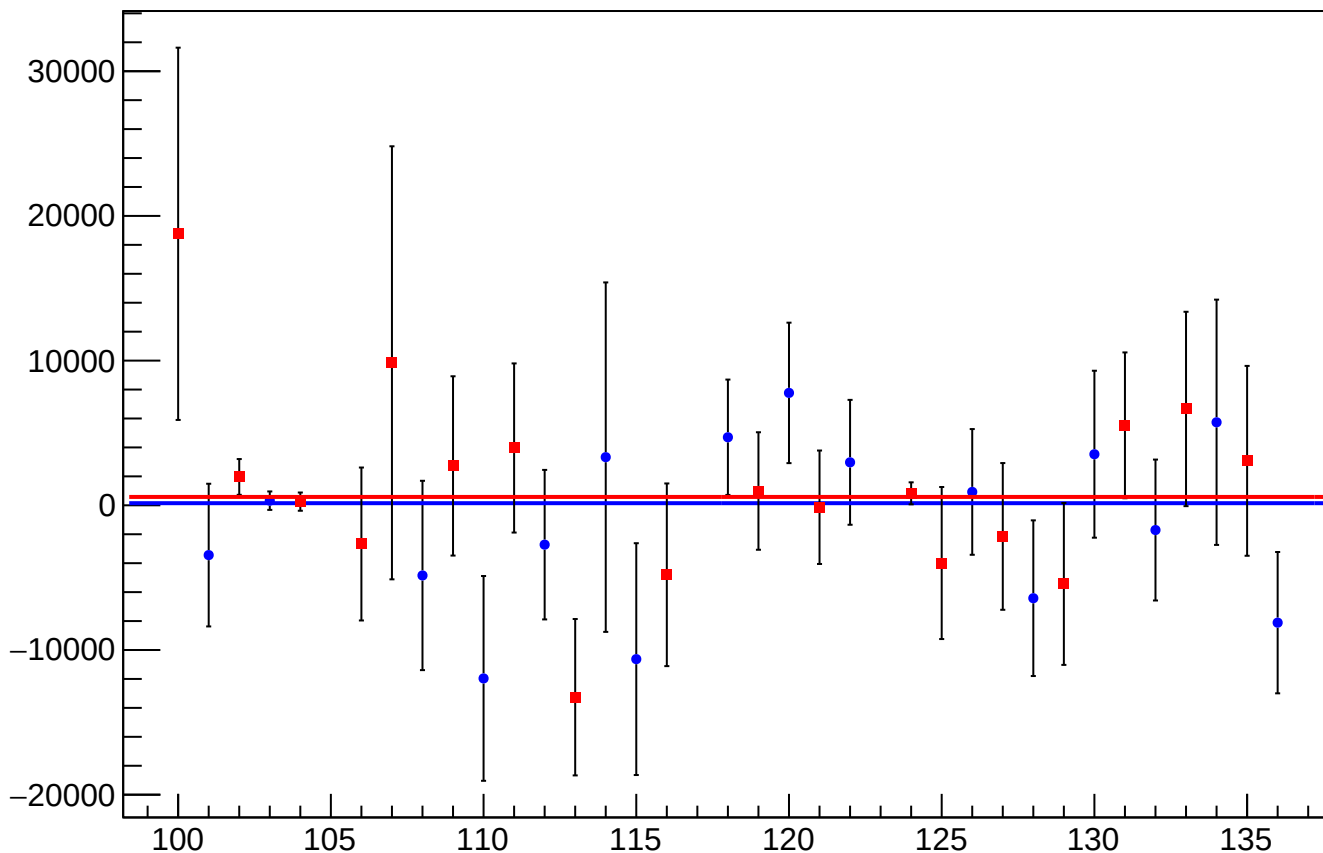
Right: 1697.341+/-0.319 χ^2/NDF : 529521.5/33

In: 1678.543+/-0.444 χ^2/NDF : 141482.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1697.341+/-0.319 χ^2/NDF : 529521.5/33

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: 578.600+/-430.997 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

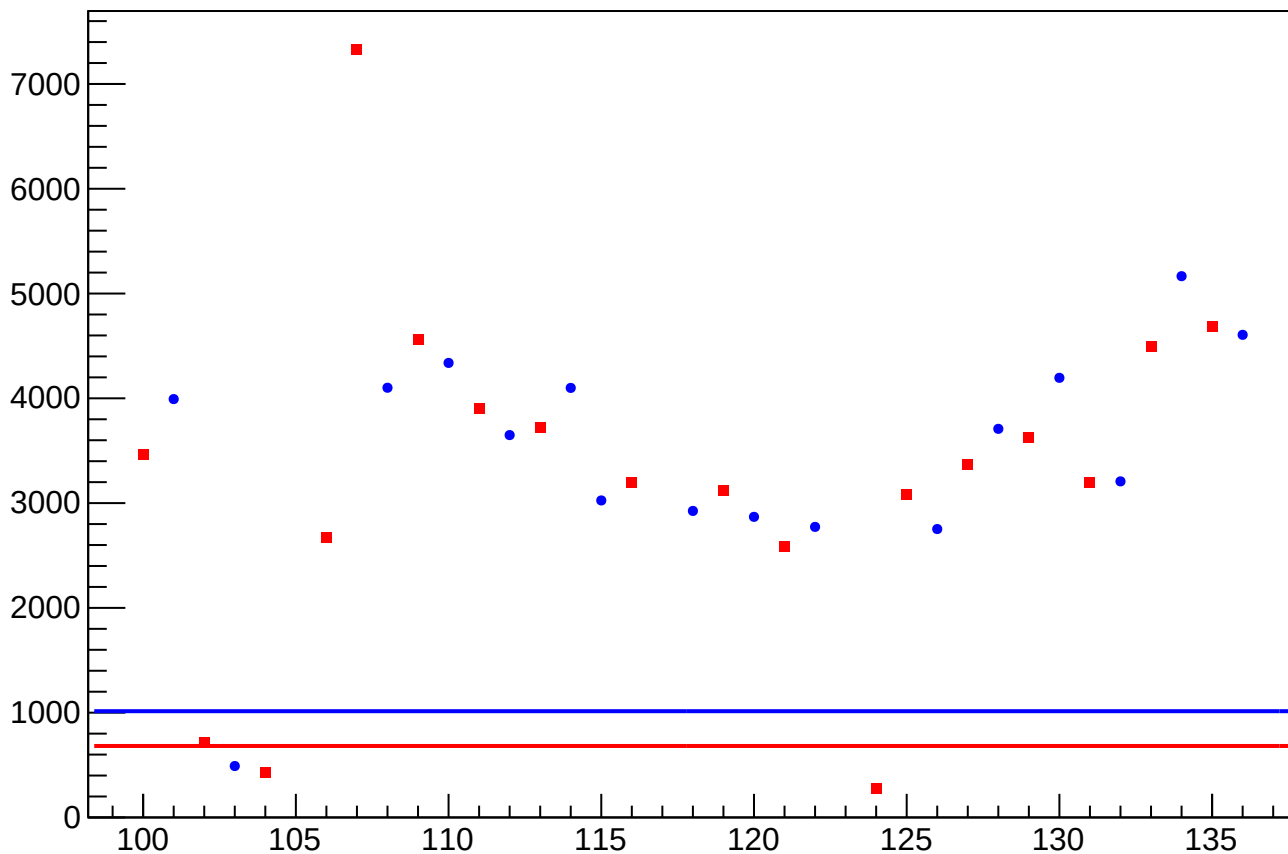
Right: 424.677+/-345.803 χ^2/NDF : 32.5/33

In: 146.548+/-579.356 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.677+/-345.803 χ^2/NDF : 32.5/33

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: 682.159+/-0.305 χ^2/NDF : 8616197.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

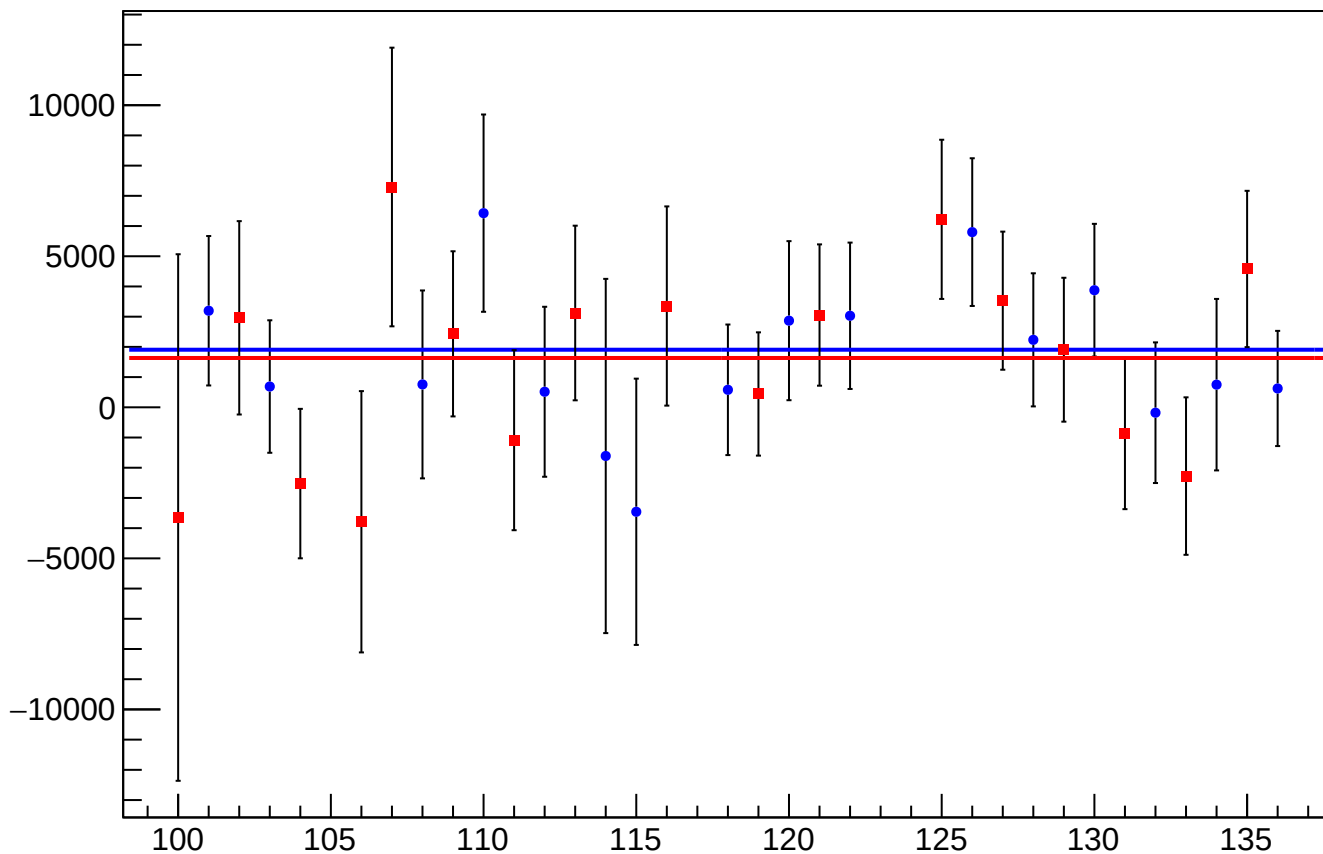
Right: 800.414+/-0.245 χ^2/NDF : 17261840.8/33

In: 1014.094+/-0.410 χ^2/NDF :8223017.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 800.414+/-0.245 χ^2/NDF : 17261840.8/33

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: 1632.694+/-670.306 χ^2/NDF : 16.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

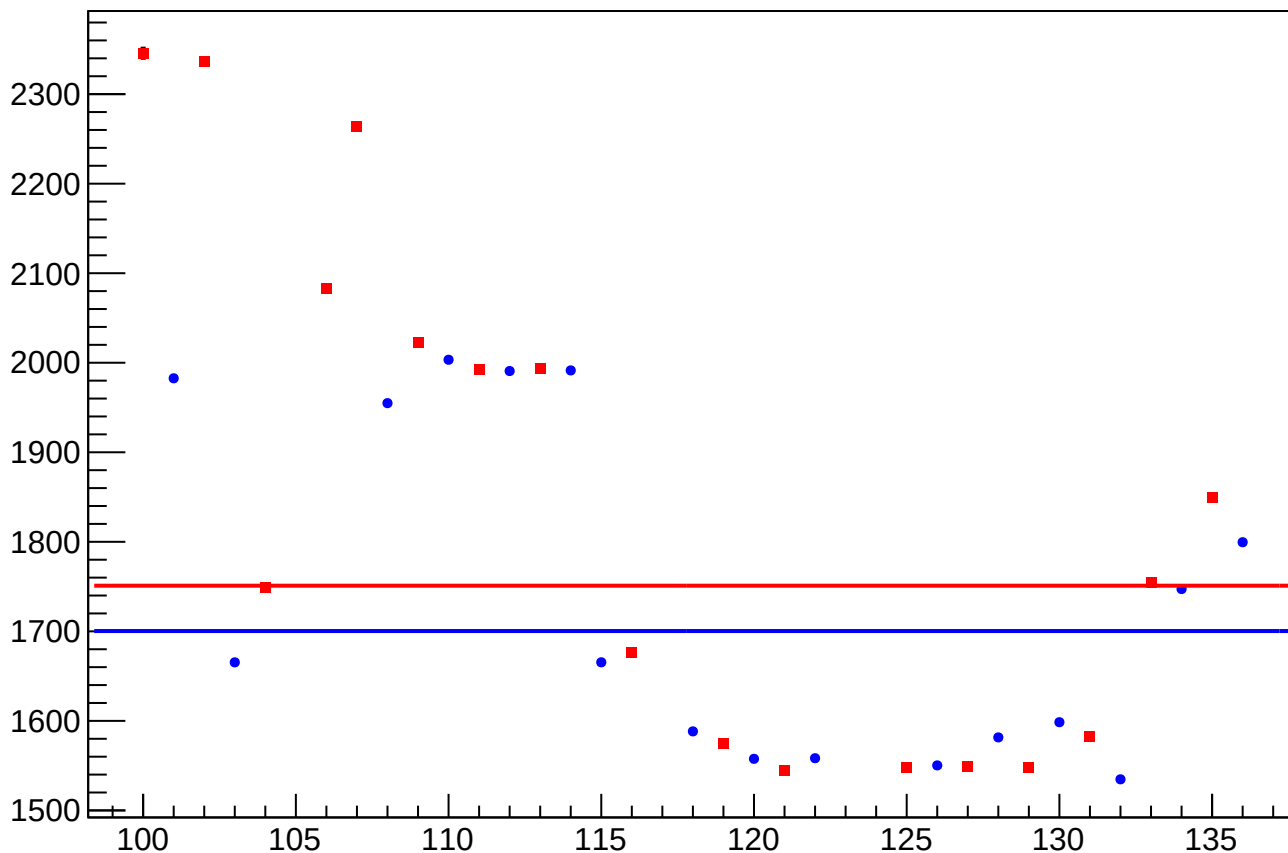
Right: 1776.534+/-461.537 χ^2/NDF : 27.2/32

In: 1906.205+/-636.433 χ^2/NDF : 10.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.534+/-461.537 χ^2/NDF : 27.2/32

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: 1750.981+/-0.473 χ^2/NDF : 247693.8/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

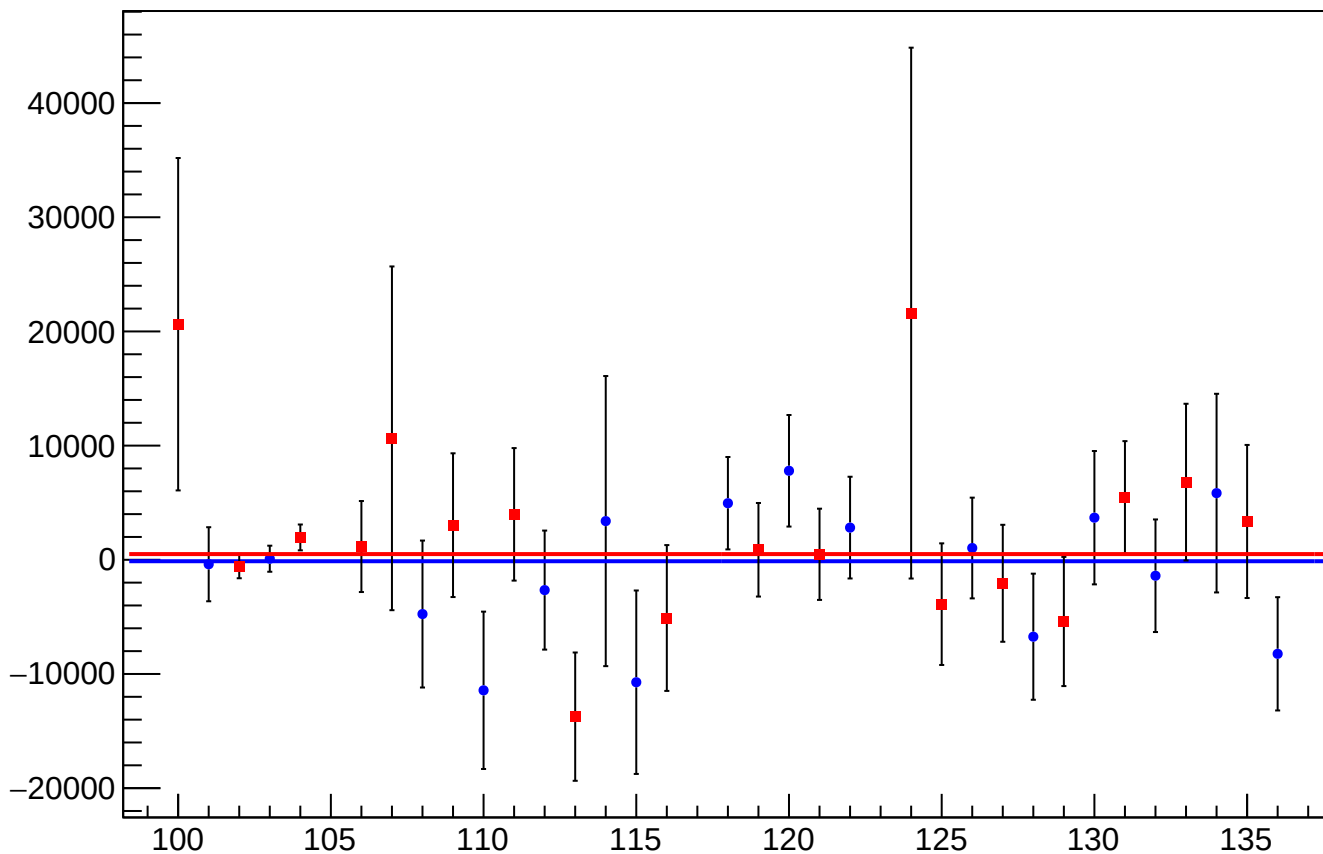
Right: 1724.417+/-0.326 χ^2/NDF : 389127.2/32

In: 1700.357+/-0.450 χ^2/NDF : 135419.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.417+/-0.326 χ^2/NDF : 389127.2/32

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: 500.235+/-680.579 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

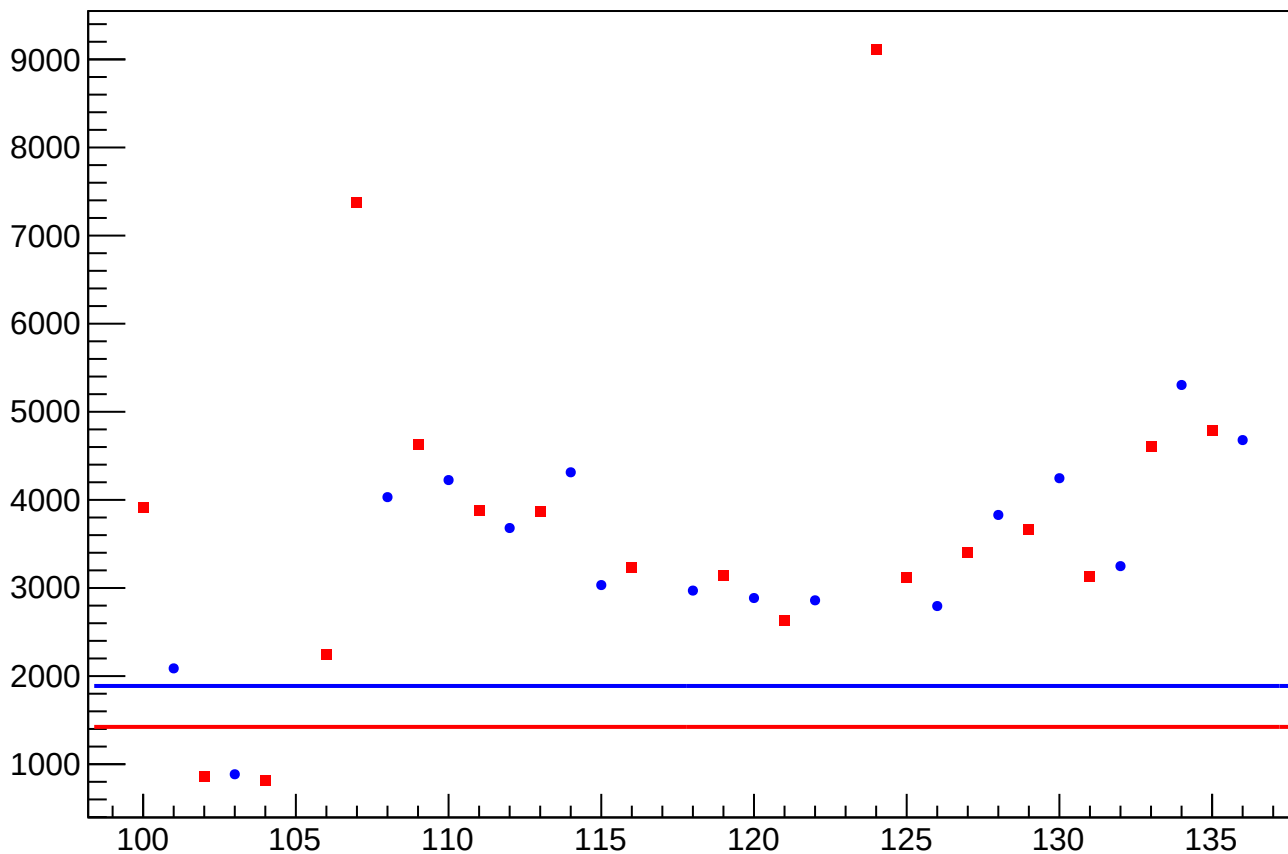
Right: 261.897+/-535.494 χ^2/NDF : 33.0/33

In: -125.468+/-867.645 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 261.897+/-535.494 χ^2/NDF : 33.0/33

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: 1423.306+/-0.481 χ^2/NDF : 5767182.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

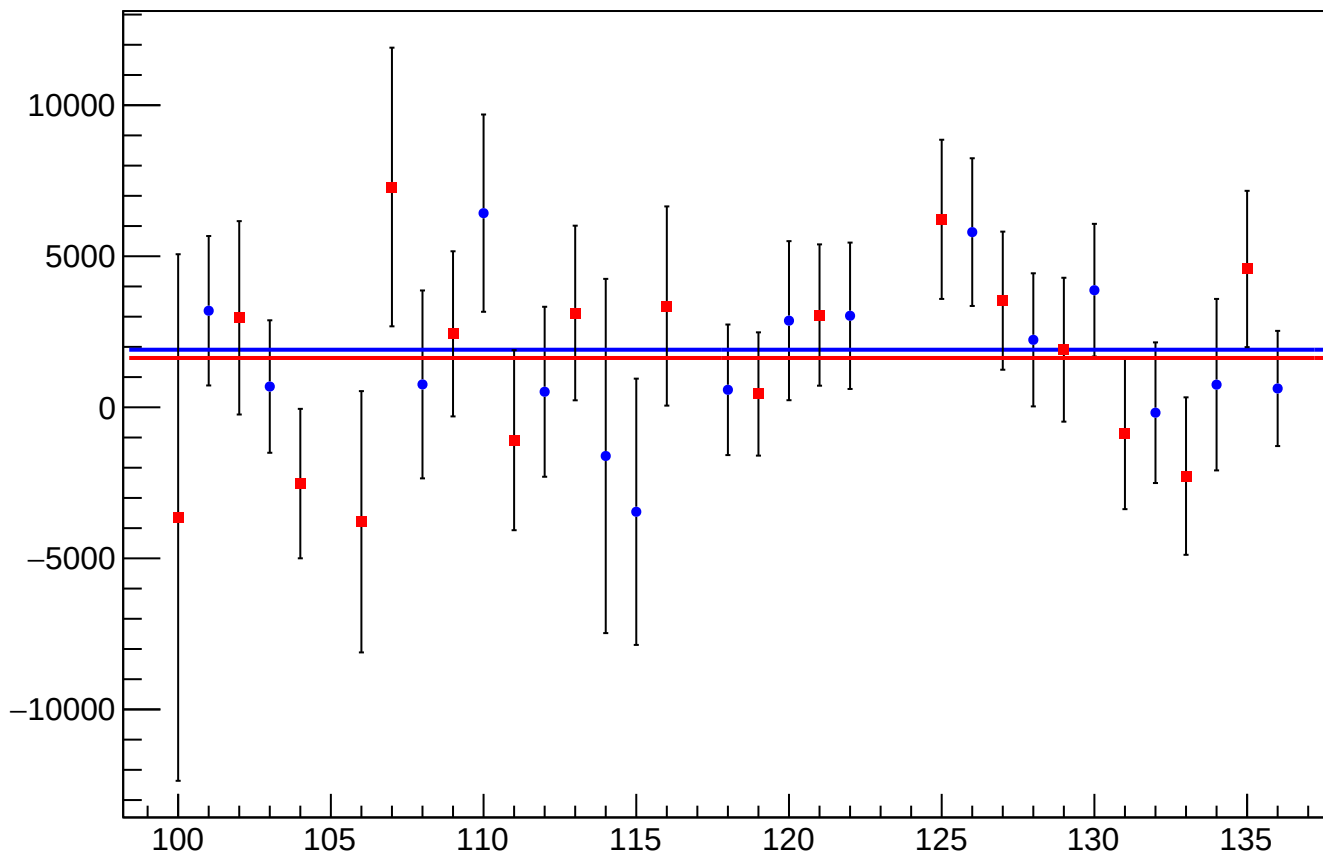
Right: 1600.313+/-0.379 χ^2/NDF : 10548039.1/33

In: 1887.999+/-0.614 χ^2/NDF : 4425691.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.313+/-0.379 χ^2/NDF : 10548039.1/33

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: 1632.691+/-670.305 χ^2/NDF : 16.9/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

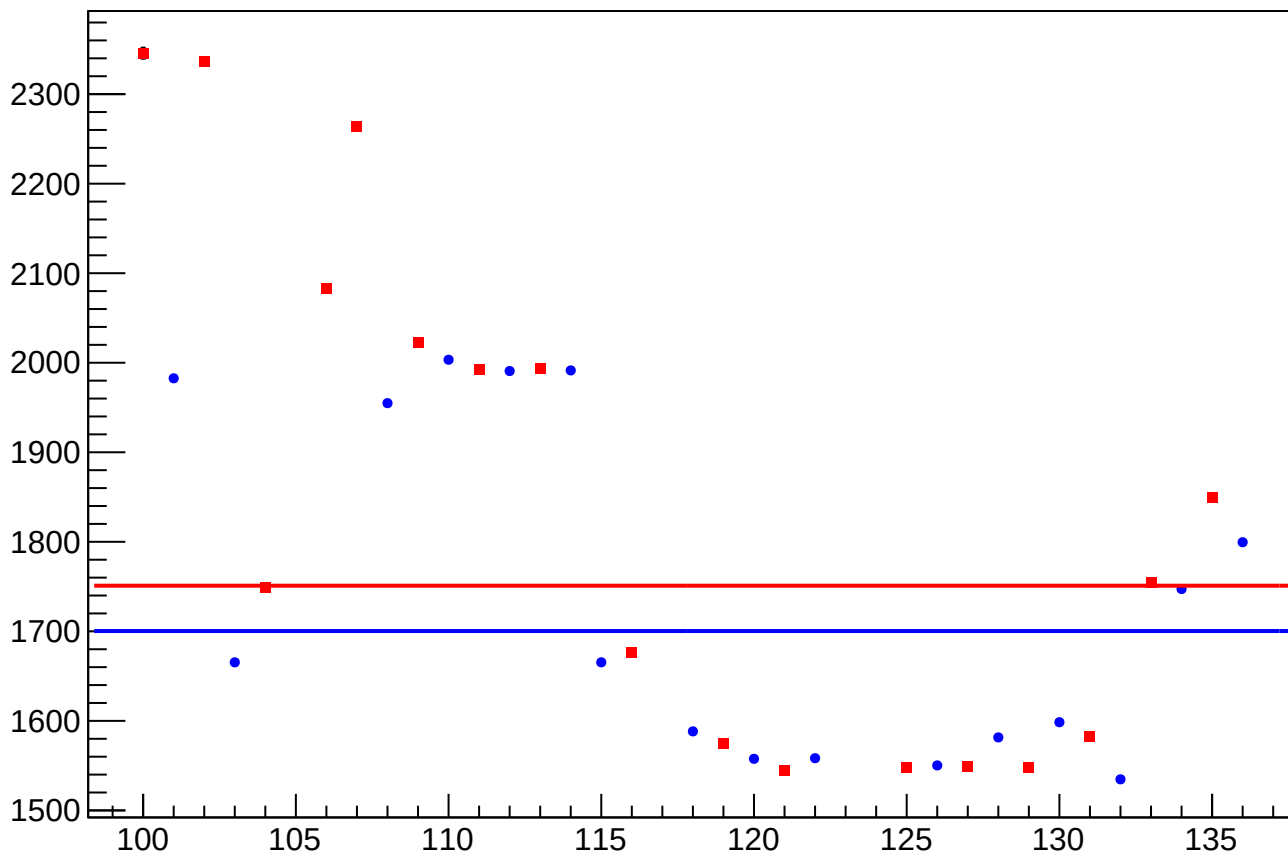
Right: 1776.532+/-461.536 χ^2/NDF : 27.2/32

In: 1906.203+/-636.433 χ^2/NDF : 10.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1776.532+/-461.536 χ^2/NDF : 27.2/32

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: 1750.981+/-0.473 χ^2/NDF : 247693.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

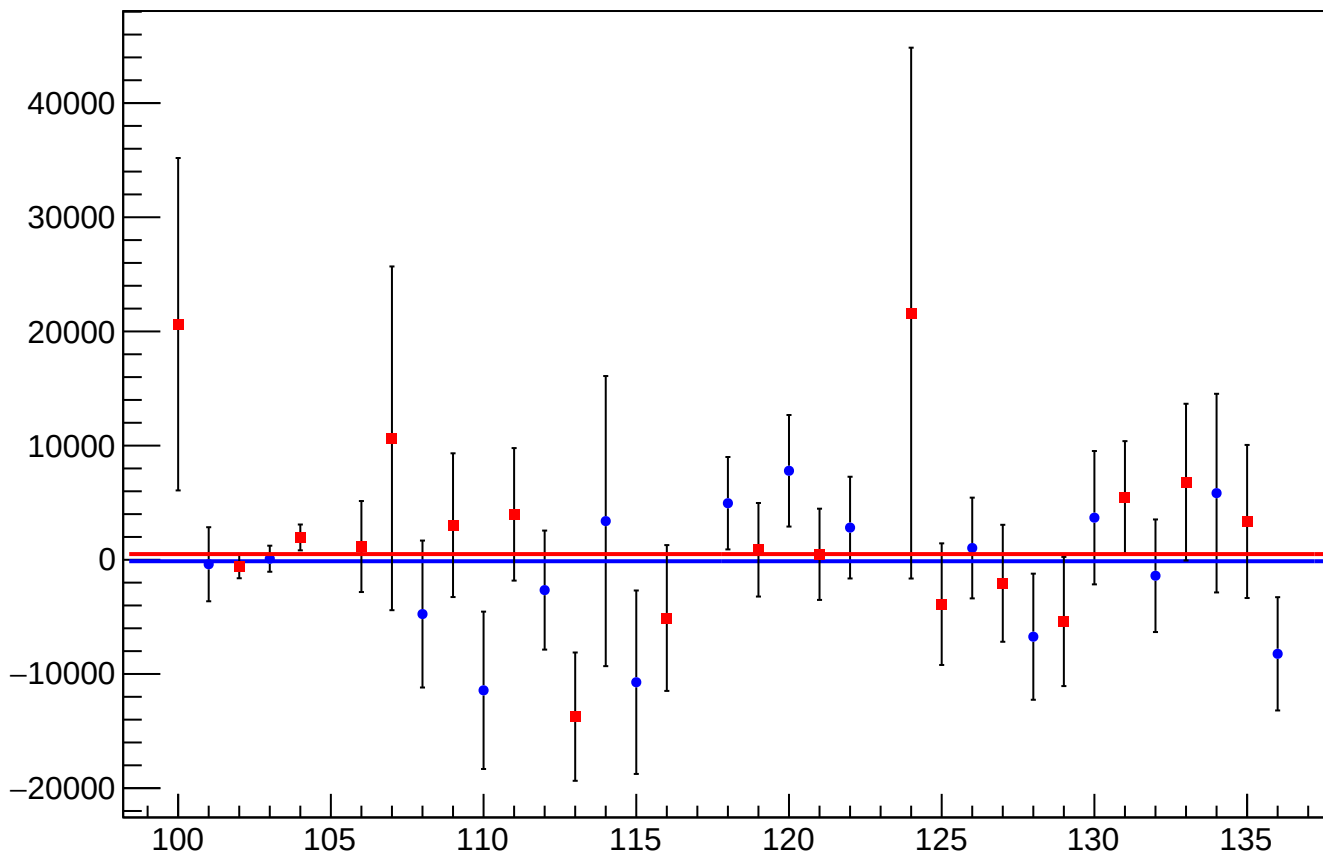
Right: 1724.417+/-0.326 χ^2/NDF : 389126.9/32

In: 1700.357+/-0.450 χ^2/NDF : 135419.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1724.417+/-0.326 χ^2/NDF : 389126.9/32

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: 500.233 $\pm$ 680.574 χ^2 /NDF: 17.6/17

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

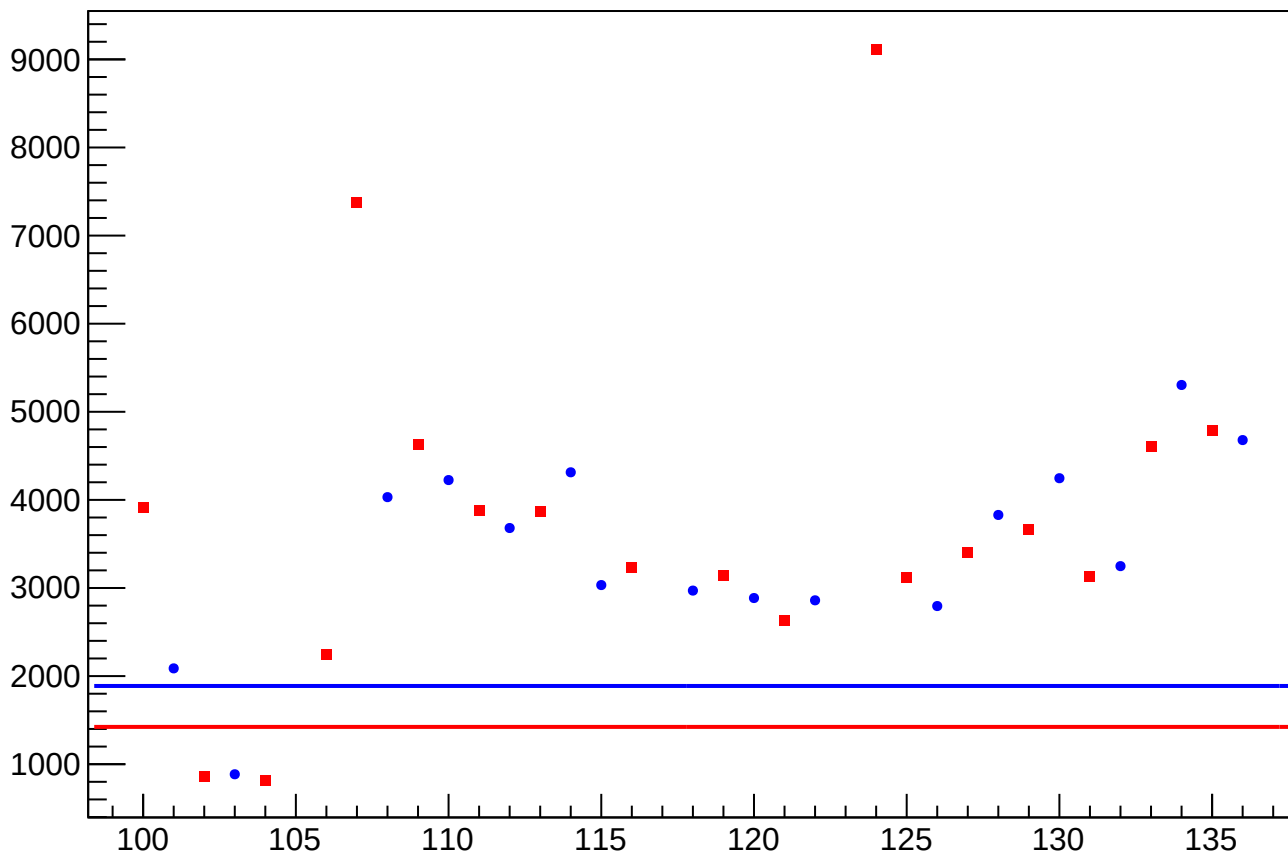
Right: 261.898 $\pm$ 535.490 χ^2 /NDF: 33.0/33

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: 261.898 $\pm$ 535.490 χ^2 /NDF: 33.0/33

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: 1423.292+/-0.481 χ^2/NDF : 5767215.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

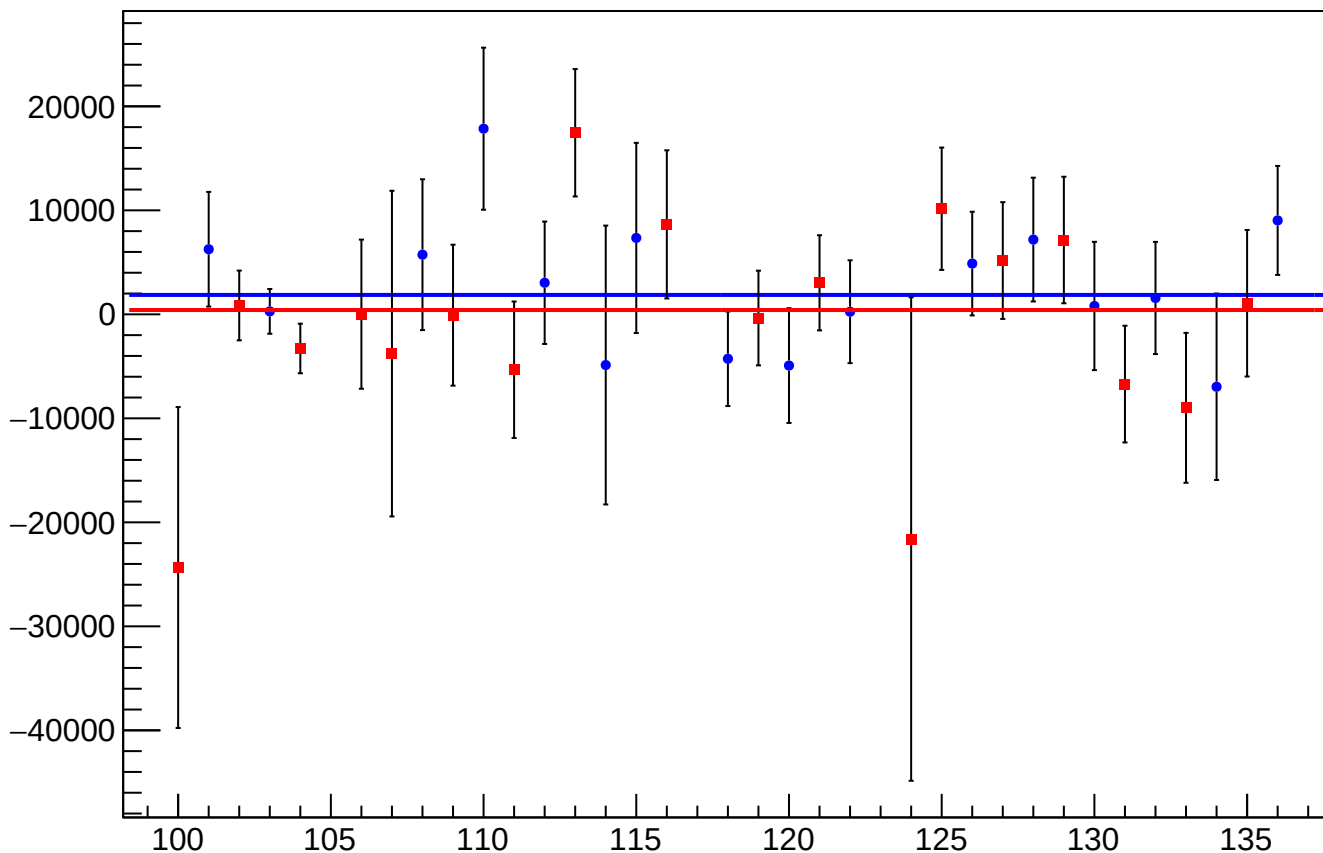
Right: 1600.298+/-0.379 χ^2/NDF : 10548109.1/33

In: 1887.982+/-0.614 χ^2/NDF : 4425728.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1600.298+/-0.379 χ^2/NDF : 10548109.1/33

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: 414.033+/-1249.409 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

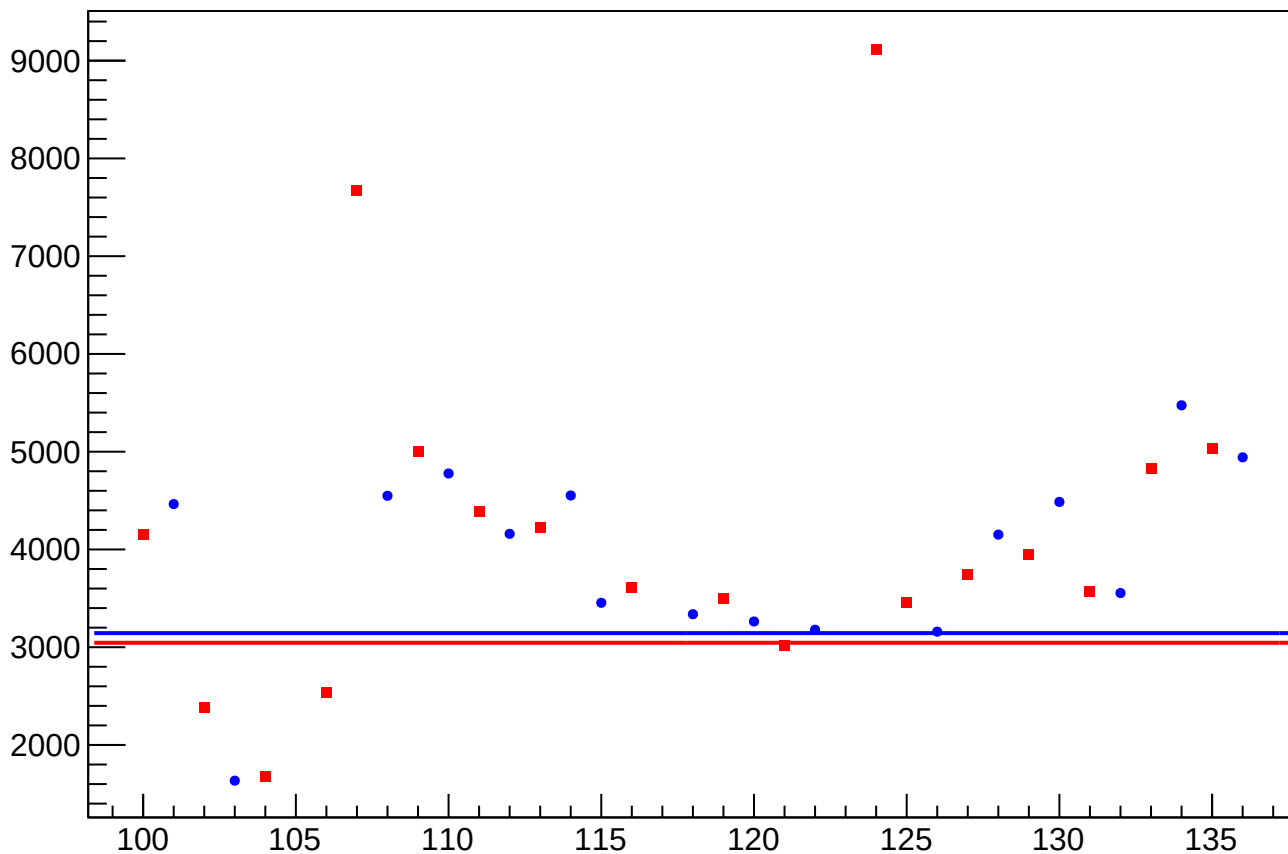
Right: 1134.663+/-886.902 χ^2/NDF : 38.7/33

In: 1866.618+/-1259.187 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1134.663+/-886.902 χ^2/NDF : 38.7/33

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: 3045.515+/-0.870 χ^2/NDF : 1821392.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

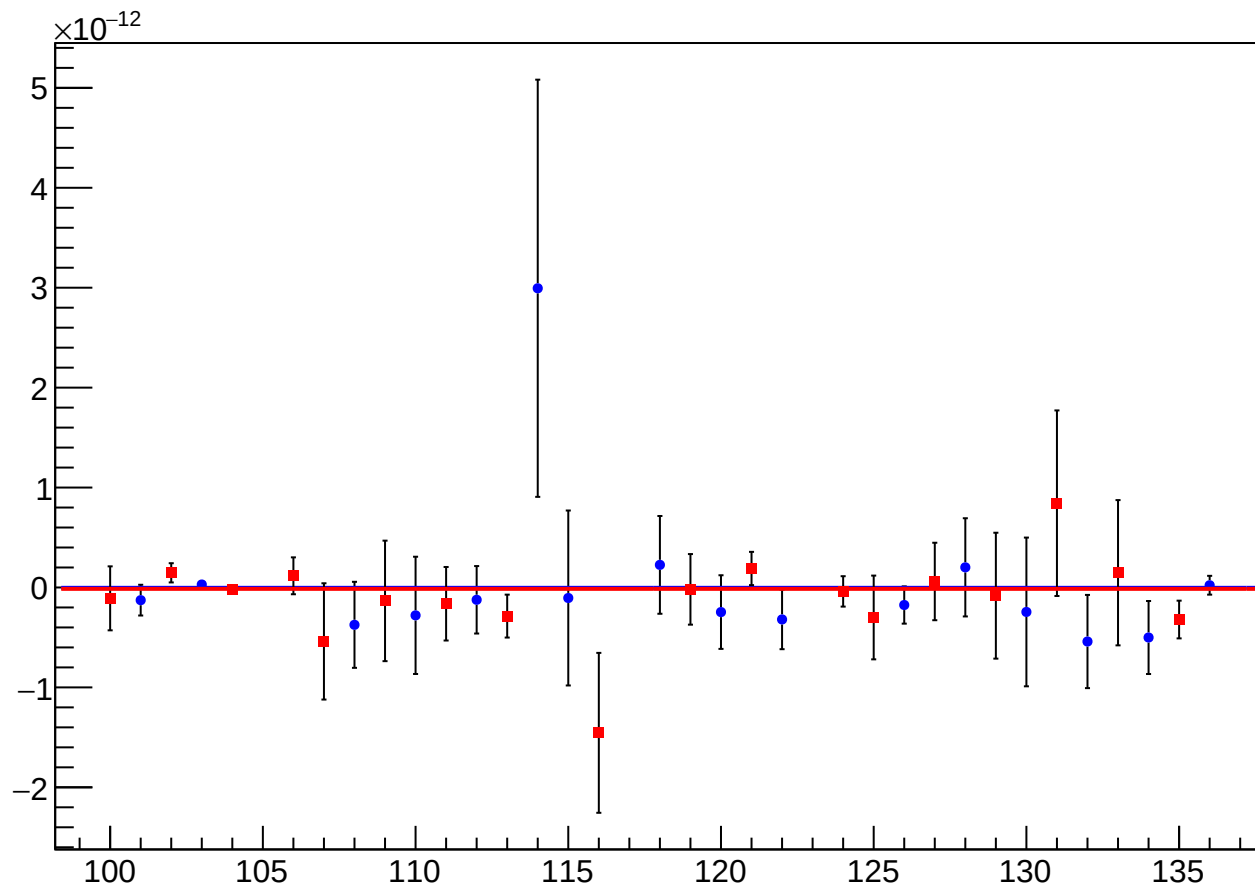
Right: 3093.657+/-0.622 χ^2/NDF : 3710811.6/33

In: 3144.136+/-0.890 χ^2/NDF : 1883139.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3093.657+/-0.622 χ^2/NDF : 3710811.6/33

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 : 14.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

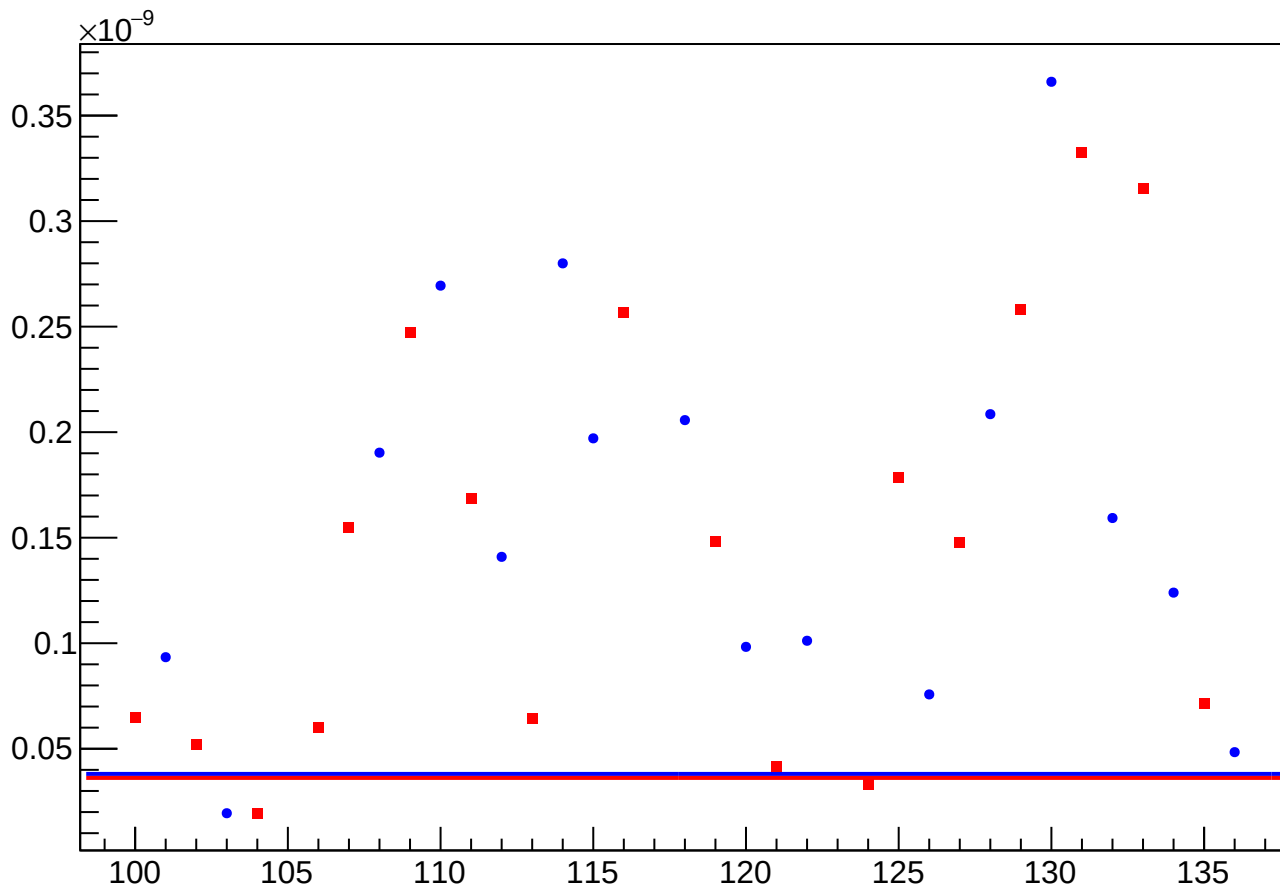
Right: -0.000+/-0.000 χ^2/NDF : 25.6/33

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 : 25.6/33

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 : 2654535.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

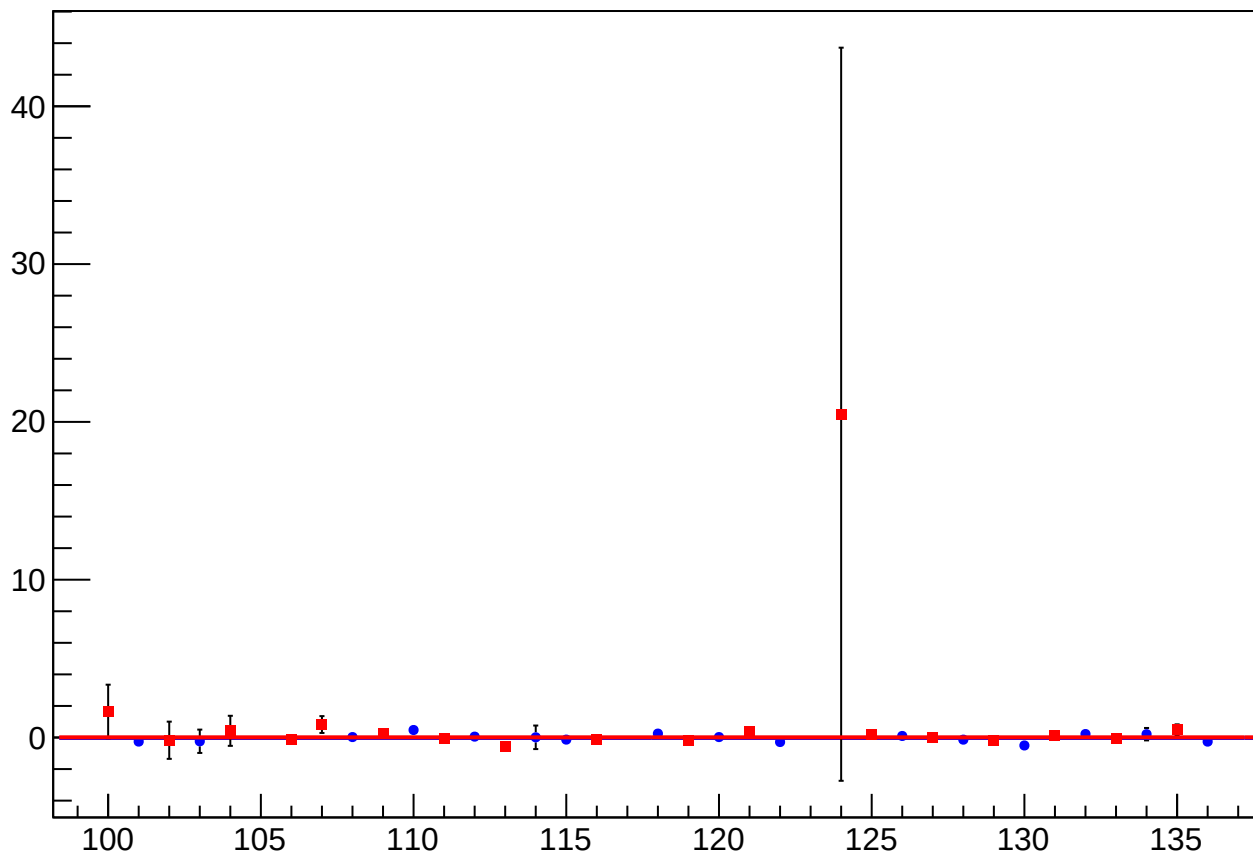
Right: 0.000+/-0.000 χ^2/NDF : 5546268.8/33

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 : 5546268.8/33

asym_atl_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.029 ± 0.058 $\chi^2/\text{NDF}: 17.2/15$

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

Right Out: 0.011 ± 0.057 $\chi^2/\text{NDF}: 21.8/17$

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

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

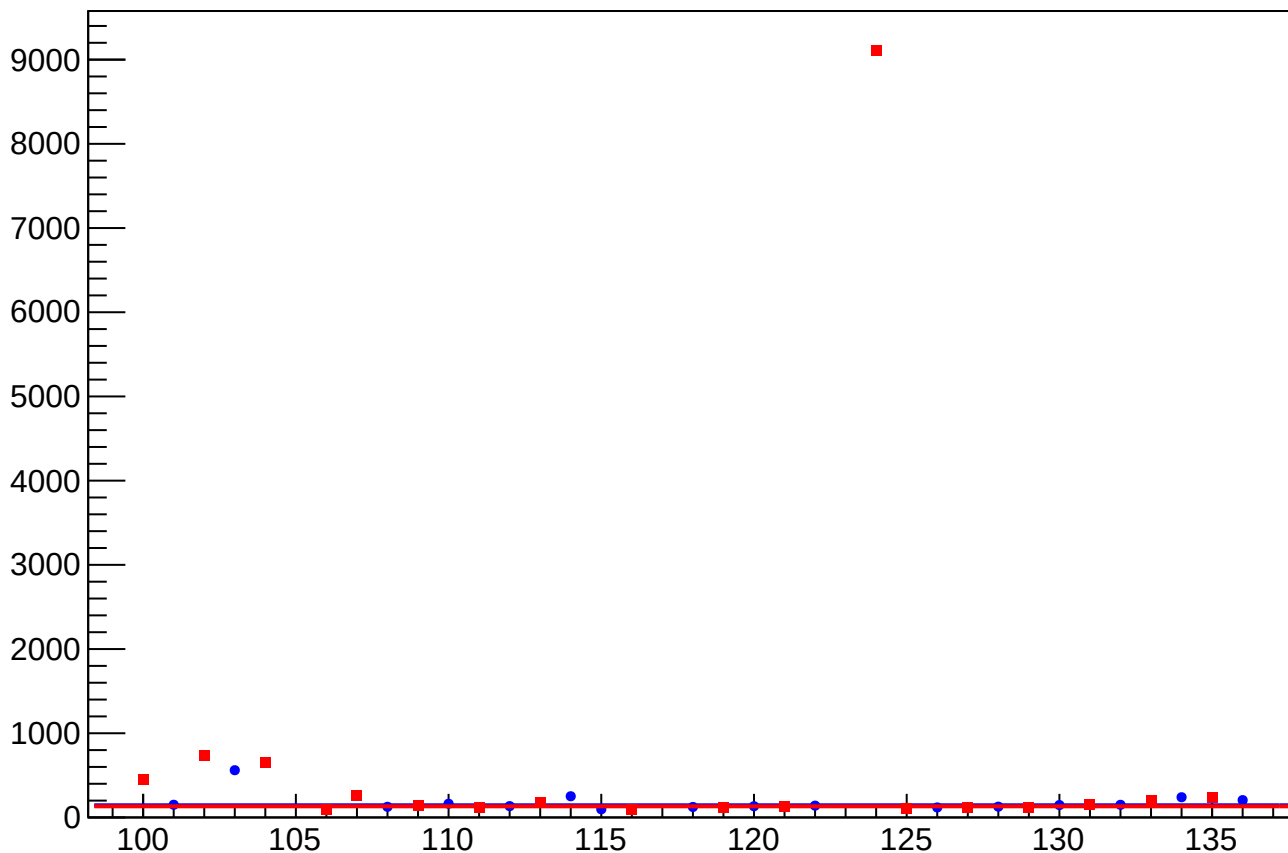
Right: -0.009 ± 0.041 $\chi^2/\text{NDF}: 39.3/33$

In: -0.029 ± 0.058 $\chi^2/\text{NDF}: 17.2/15$

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

All: -0.009 ± 0.041 $\chi^2/\text{NDF}: 39.3/33$

asym_atl_avg_dit_vs_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: 132.207+/-0.040 χ^2/NDF : 2181434.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

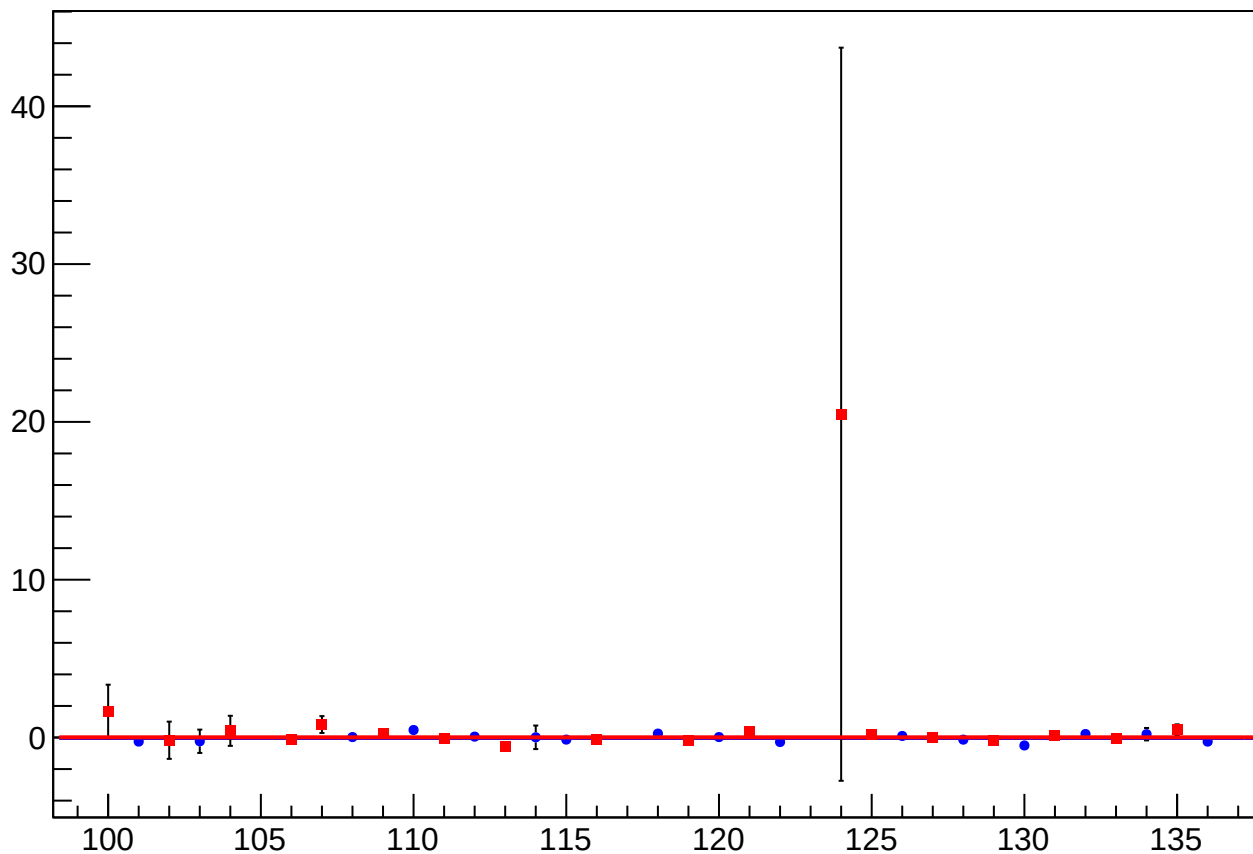
Right: 138.162+/-0.029 χ^2/NDF : 3354502.9/33

In: 144.291+/-0.041 χ^2/NDF : 1128779.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.162+/-0.029 χ^2/NDF : 3354502.9/33

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 : 21.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

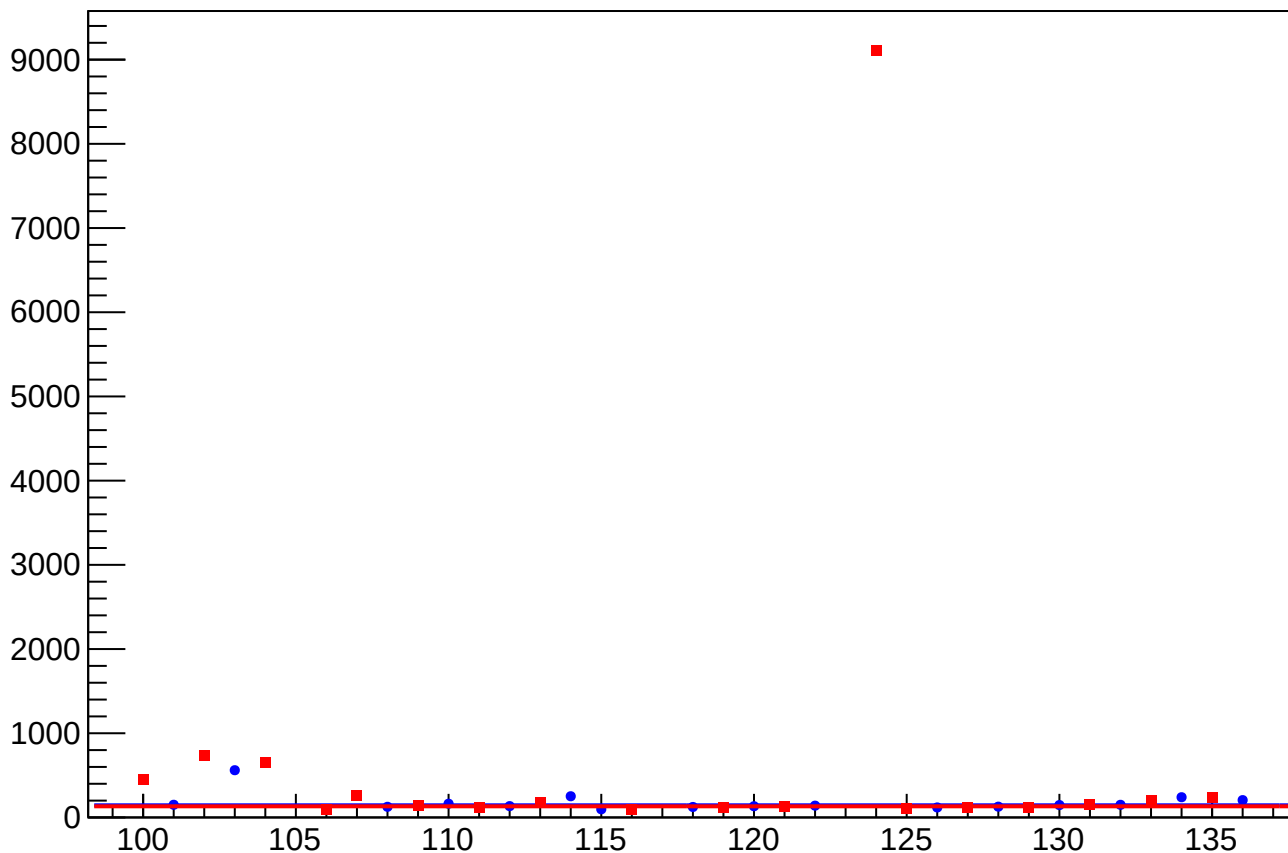
Right: -0.009+/-0.041 χ^2/NDF : 39.3/33

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+/-0.041 χ^2/NDF : 39.3/33

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: 132.207+/-0.040 χ^2/NDF : 2181434.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

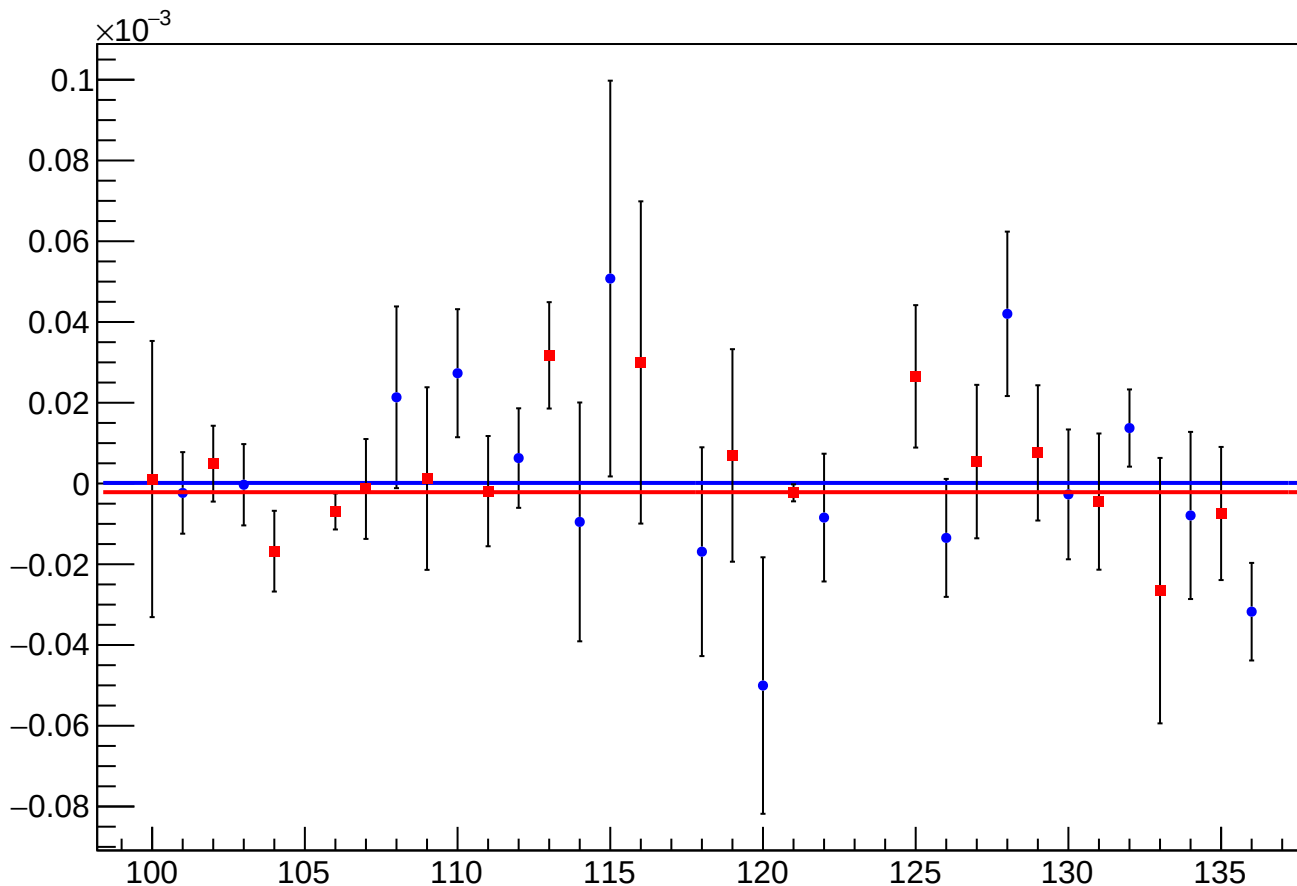
Right: 138.162+/-0.029 χ^2/NDF : 3354502.9/33

In: 144.291+/-0.041 χ^2/NDF :1128779.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 138.162+/-0.029 χ^2/NDF : 3354502.9/33

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/16

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

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

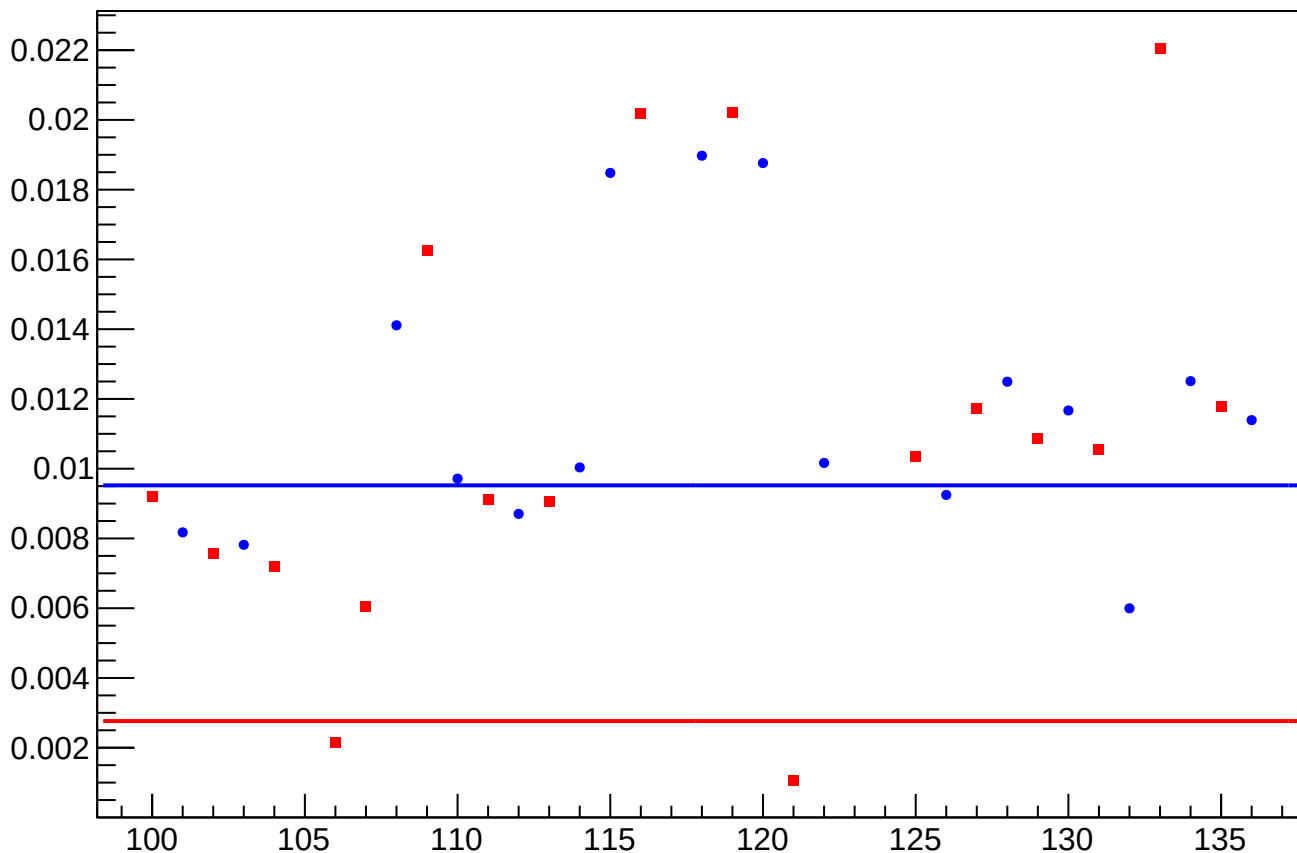
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.2/32

In: 0.000 $\pm$ 0.000 χ^2 /NDF:22.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.2/32

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 : 8333889.3/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

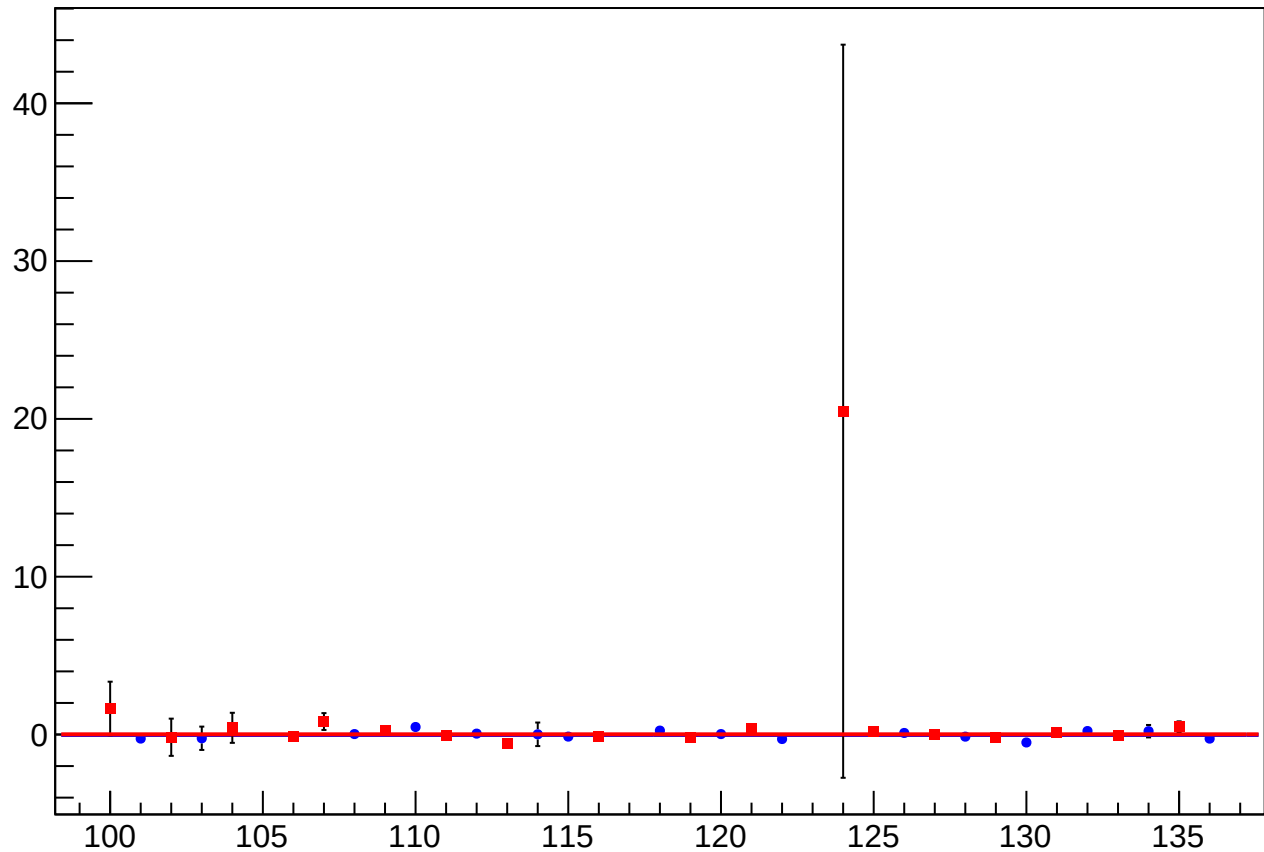
Right: 0.004+/-0.000 χ^2/NDF : 14843024.5/32

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 : 14843024.5/32

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 : 21.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

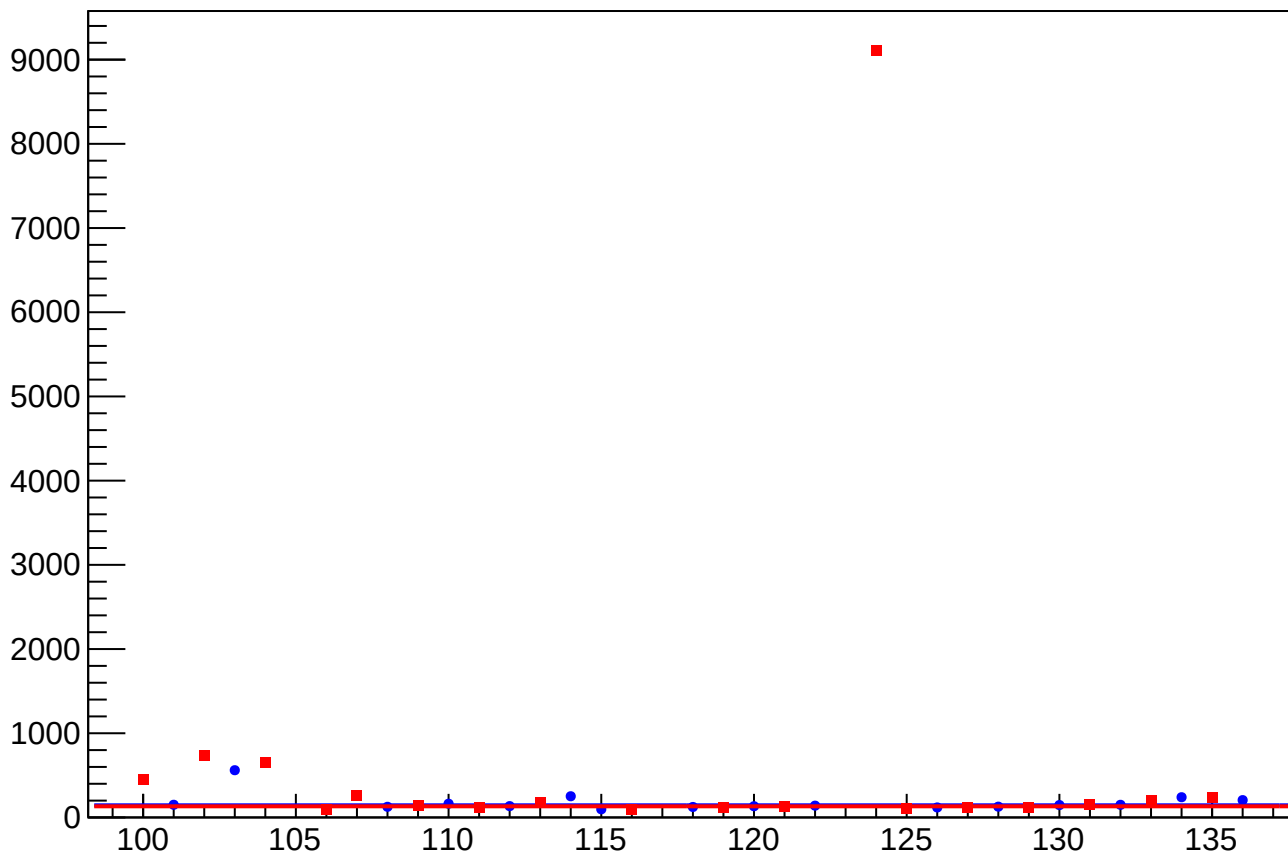
Right: -0.009+/-0.041 χ^2/NDF : 39.3/33

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+/-0.041 χ^2/NDF : 39.3/33

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.289+/-0.041 χ^2/NDF : 1128804.3/15

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

Right Out: 132.207+/-0.040 χ^2/NDF : 2181390.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

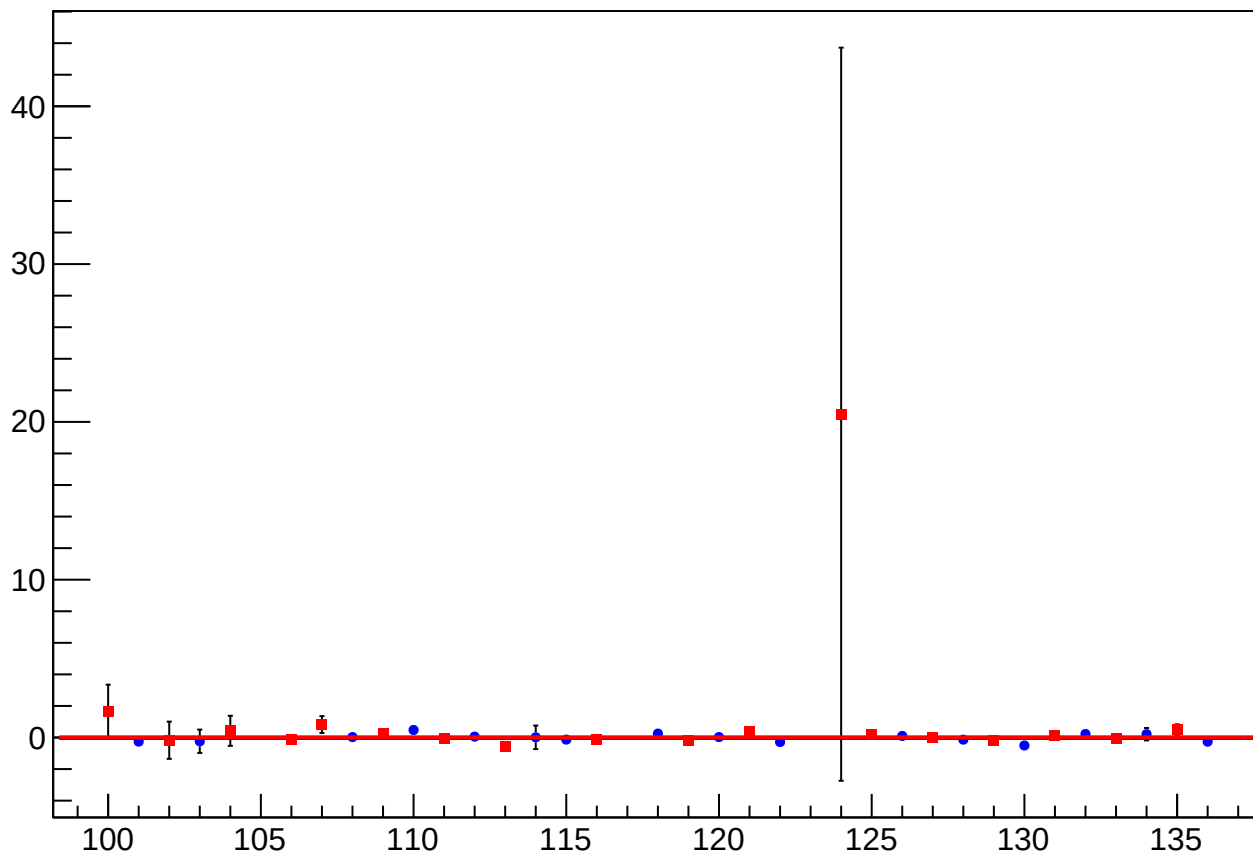
Right: 138.161+/-0.029 χ^2/NDF : 3354478.6/33

In: 144.289+/-0.041 χ^2/NDF : 1128804.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.161+/-0.029 χ^2/NDF : 3354478.6/33

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 : 21.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

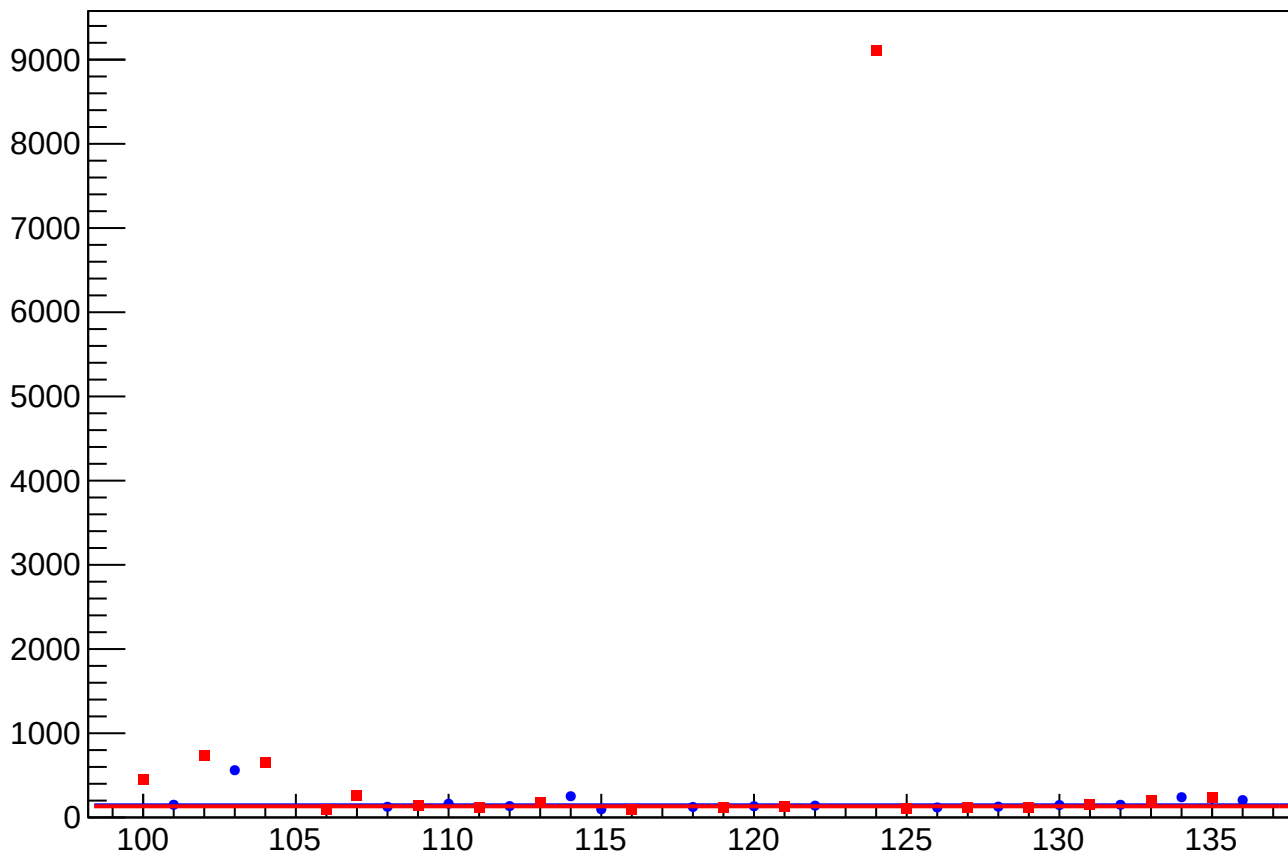
Right: -0.009+/-0.041 χ^2/NDF : 39.3/33

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+/-0.041 χ^2/NDF : 39.3/33

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 144.289+/-0.041 χ^2/NDF : 1128804.3/15

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

Right Out: 132.207+/-0.040 χ^2/NDF : 2181390.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

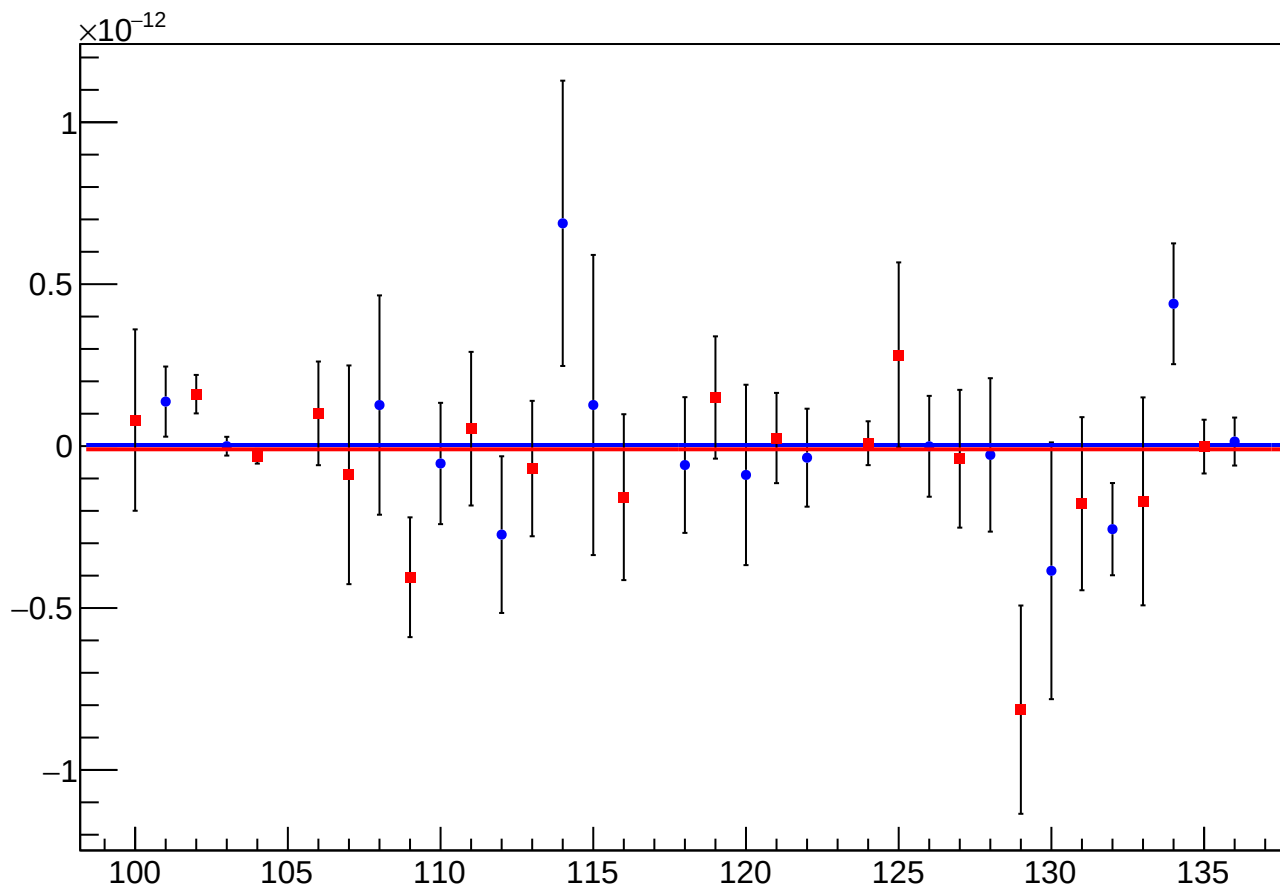
Right: 138.161+/-0.029 χ^2/NDF : 3354478.6/33

In: 144.289+/-0.041 χ^2/NDF : 1128804.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 138.161+/-0.029 χ^2/NDF : 3354478.6/33

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 : 23.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

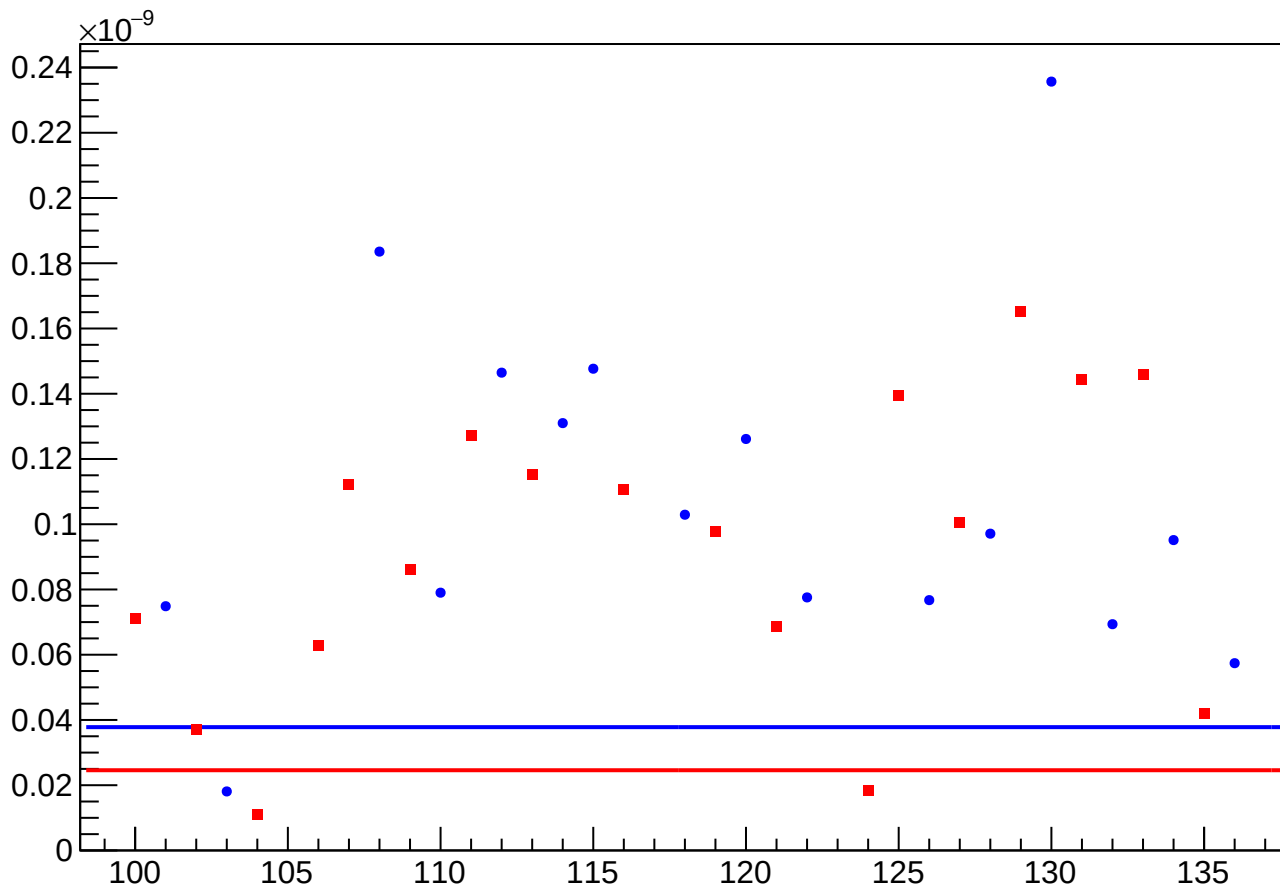
Right: -0.000+/-0.000 χ^2/NDF : 39.4/33

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 : 39.4/33

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 : 4545084.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

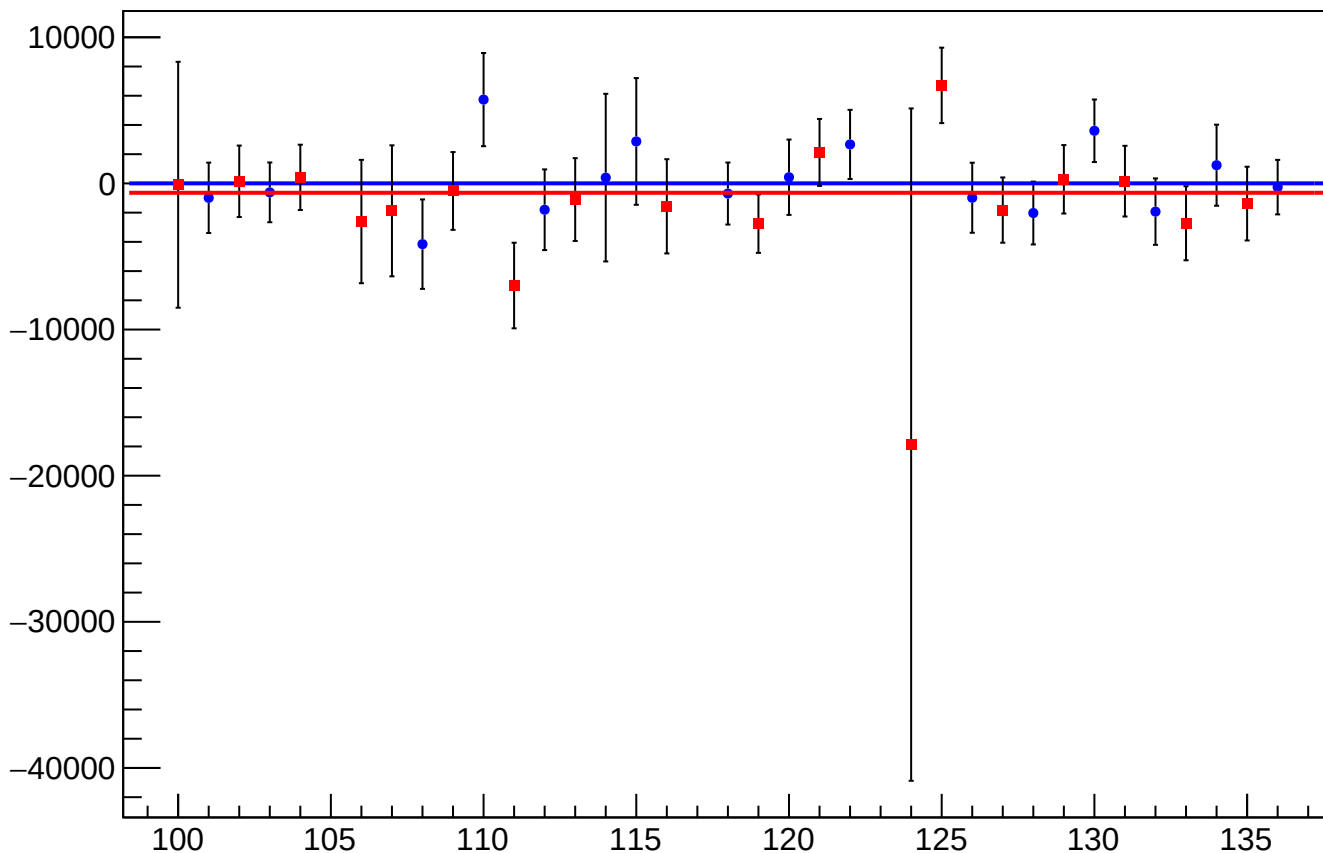
Right: 0.000+/-0.000 χ^2/NDF : 8867626.5/33

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 : 8867626.5/33

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: -640.089+/-642.095 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

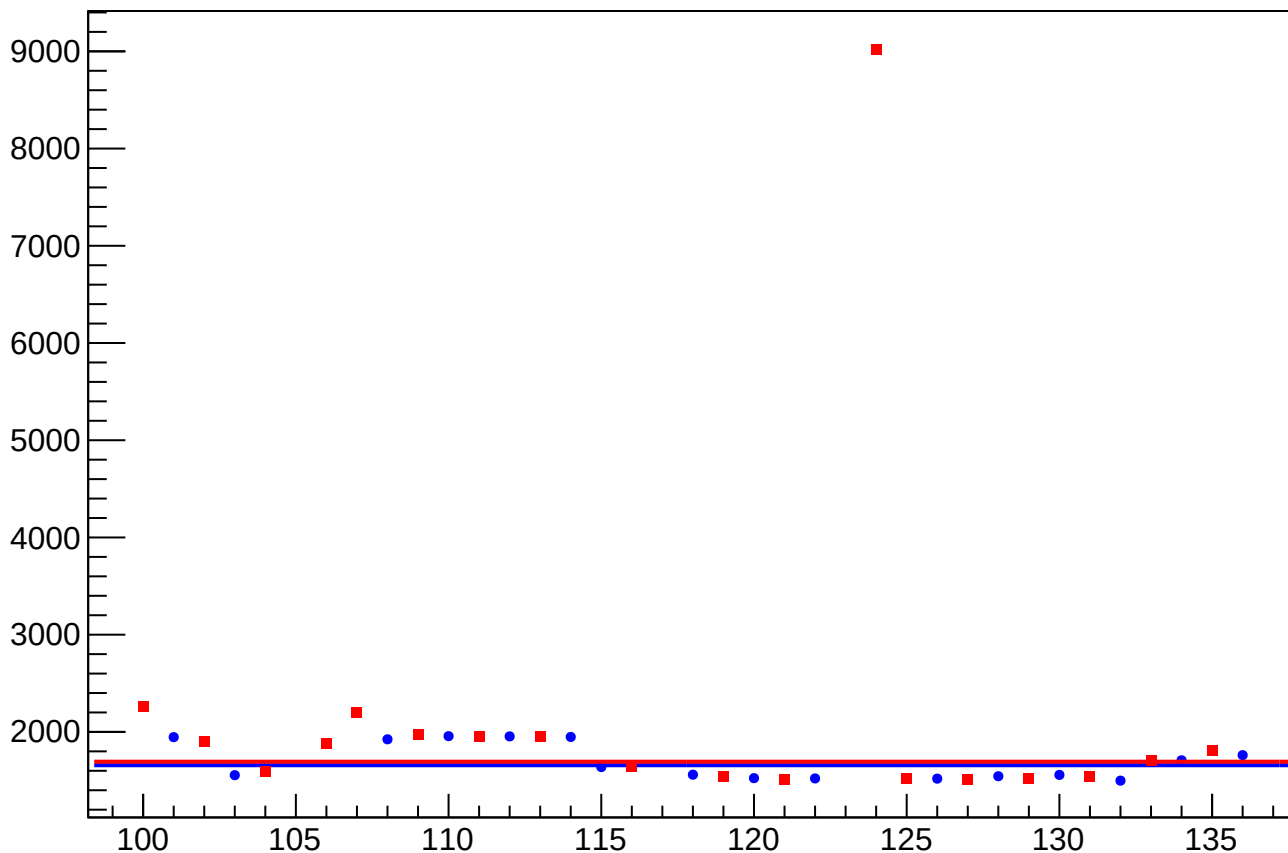
Right: -306.530+/-445.978 χ^2/NDF : 30.9/33

In: 4.373+/-619.905 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -306.530+/-445.978 χ^2/NDF : 30.9/33

reg_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.119 $\pm$ 0.438 χ^2 /NDF: 143982.4/15

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

Right Out: 1693.740 $\pm$ 0.452 χ^2 /NDF: 385524.8/17

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

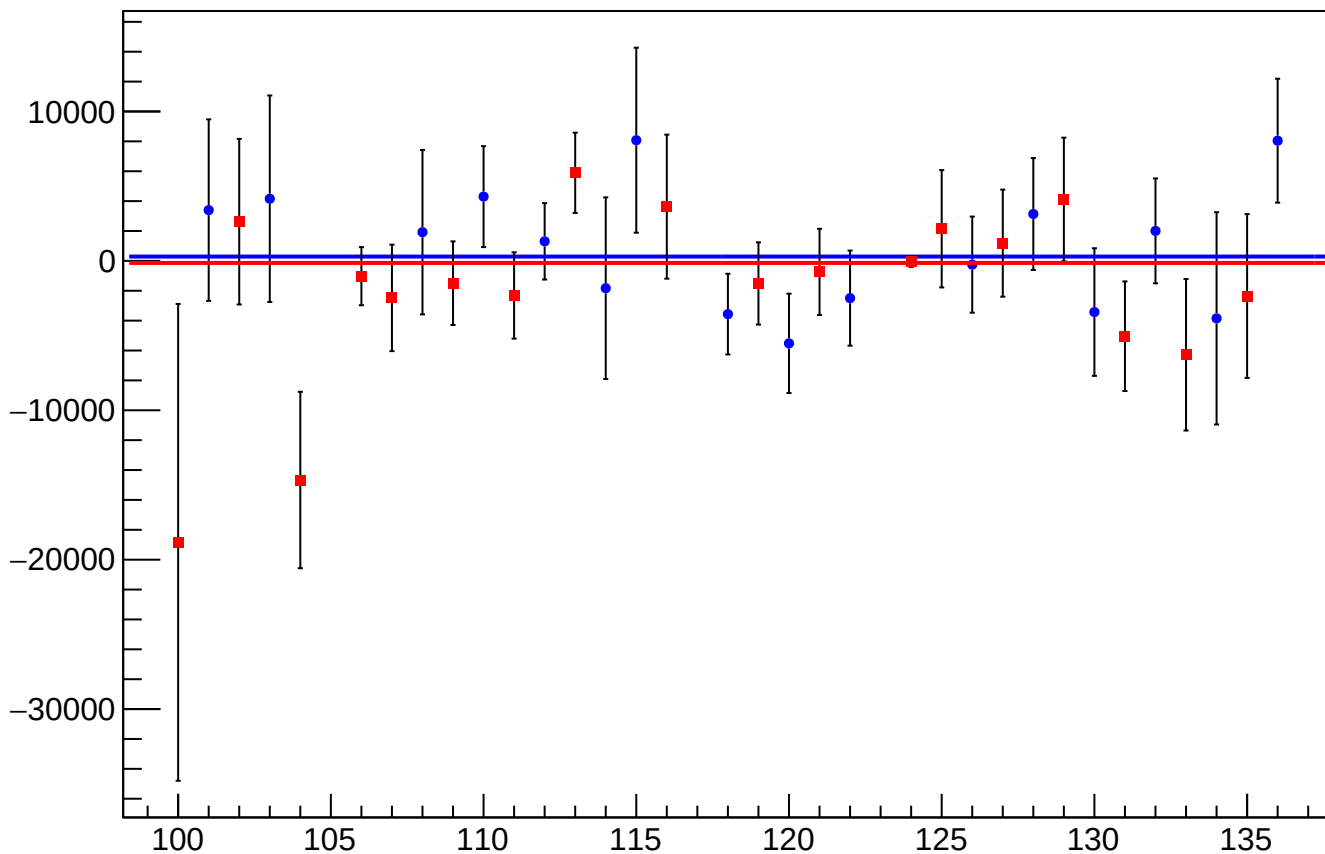
Right: 1674.873 $\pm$ 0.315 χ^2 /NDF: 532891.0/33

In: 1657.119 $\pm$ 0.438 χ^2 /NDF: 143982.4/15

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

All: 1674.873 $\pm$ 0.315 χ^2 /NDF: 532891.0/33

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: -136.230 $\pm$ 323.944 χ^2 /NDF: 20.1/17

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

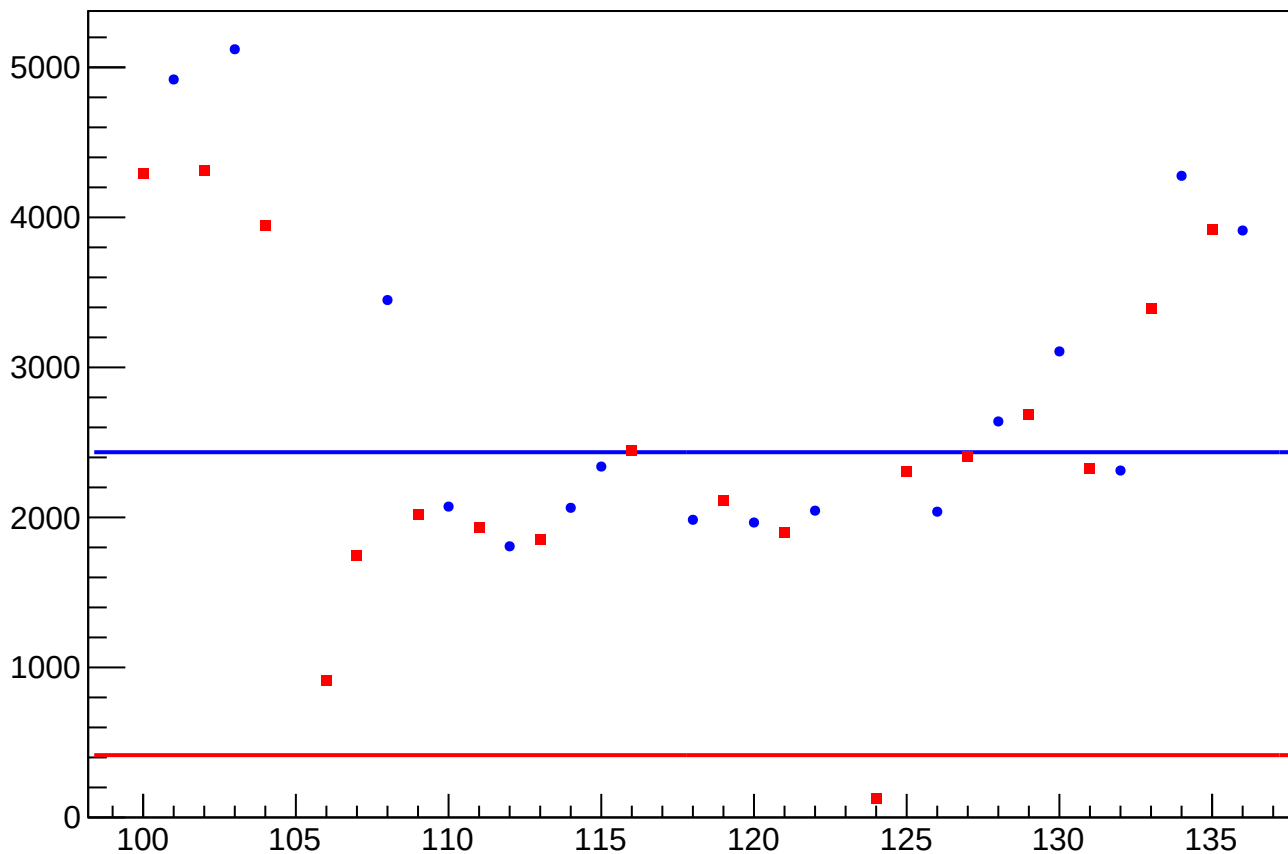
Right: -92.820 $\pm$ 306.975 χ^2 /NDF: 35.5/33

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: -92.820 $\pm$ 306.975 χ^2 /NDF: 35.5/33

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: 415.397+/-0.229 χ^2/NDF : 10741923.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

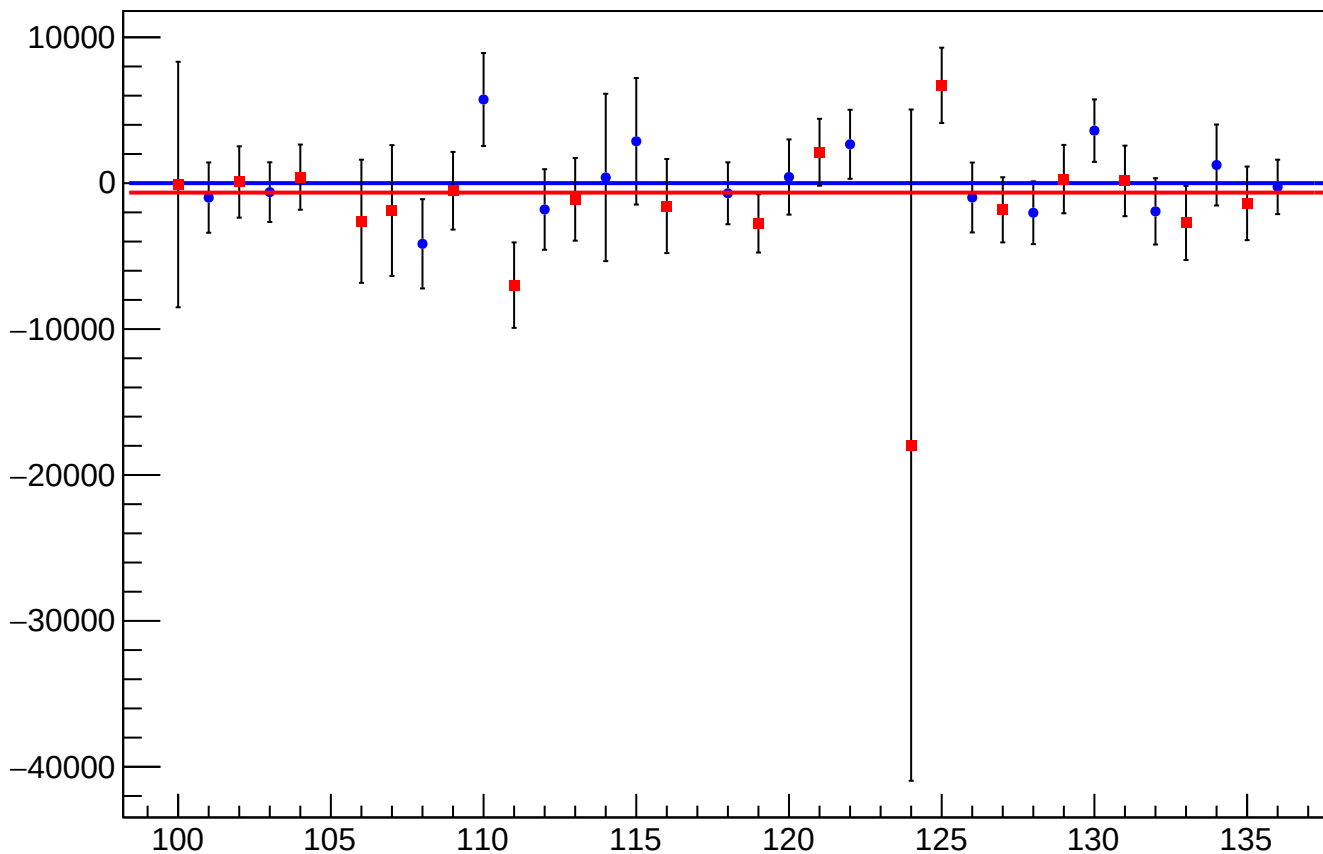
Right: 621.400+/-0.217 χ^2/NDF : 20127244.5/33

In: 2434.593+/-0.680 χ^2/NDF : 1457721.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.400+/-0.217 χ^2/NDF : 20127244.5/33

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: -644.490+/-642.102 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

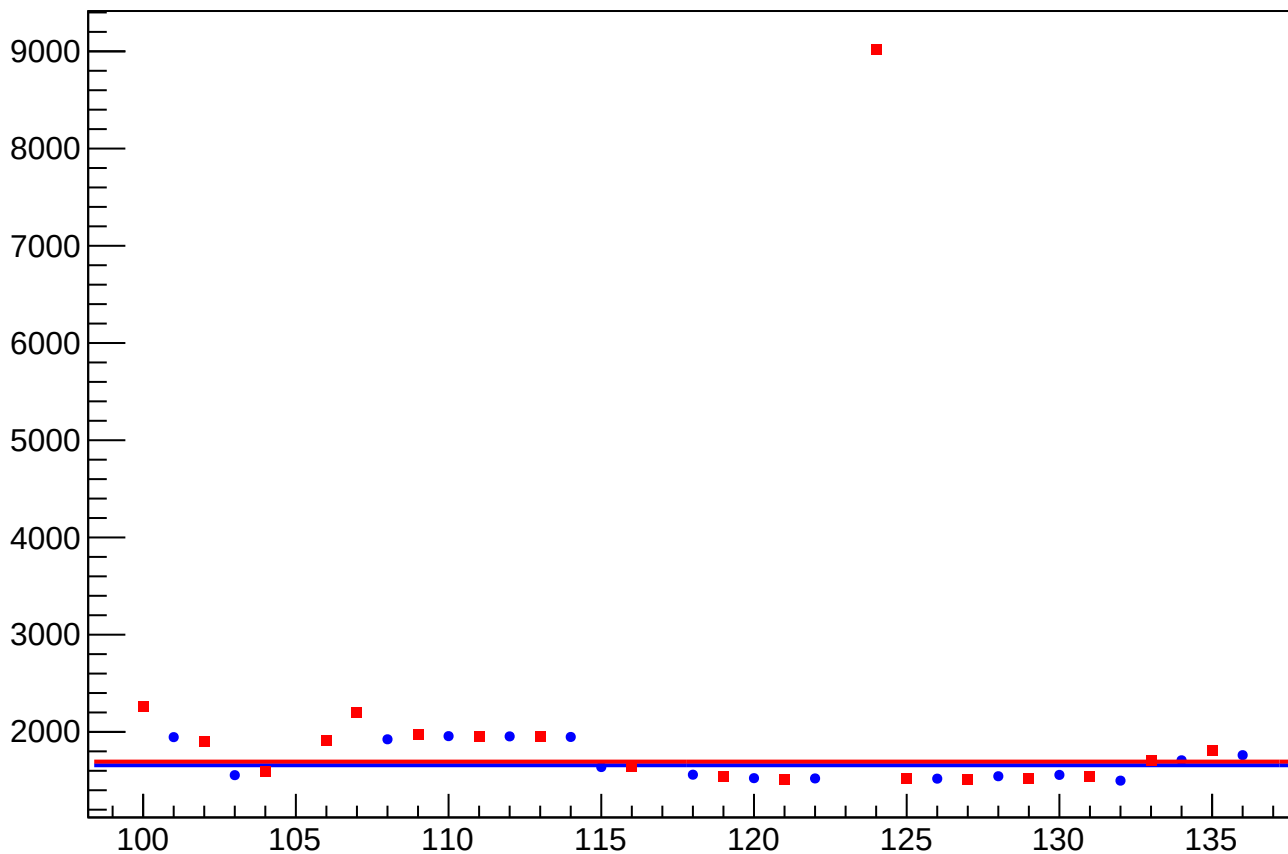
Right: -308.690+/-445.980 χ^2/NDF : 30.9/33

In: 4.295+/-619.905 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.690+/-445.980 χ^2/NDF : 30.9/33

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: 1694.553+/-0.452 χ^2/NDF : 387298.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

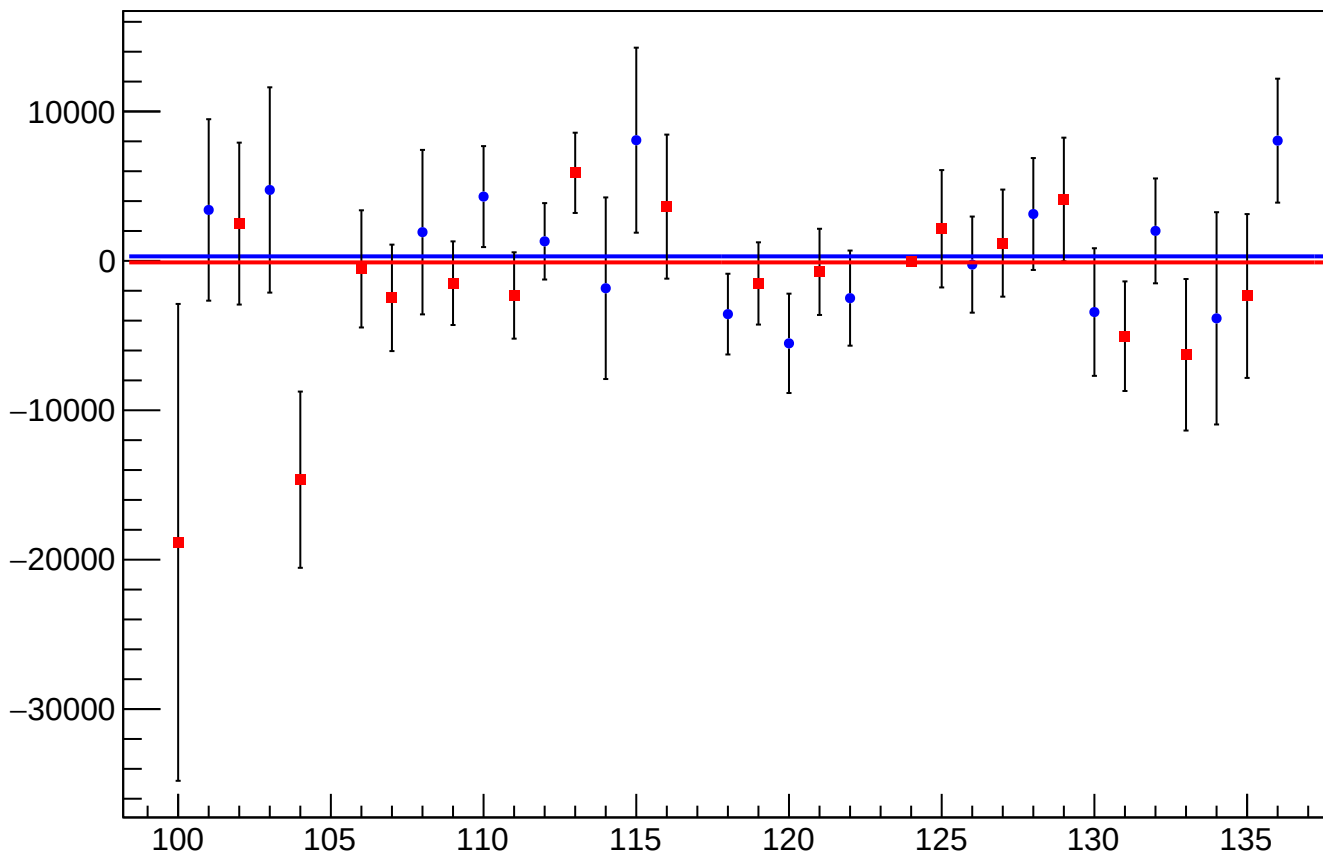
Right: 1675.257+/-0.315 χ^2/NDF : 534814.5/33

In: 1657.119+/-0.438 χ^2/NDF : 143982.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1675.257+/-0.315 χ^2/NDF : 534814.5/33

asym_atl_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.839 $\pm$ 960.952 χ^2 /NDF: 15.3/15

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

Right Out: -102.324 $\pm$ 315.970 χ^2 /NDF: 19.9/17

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

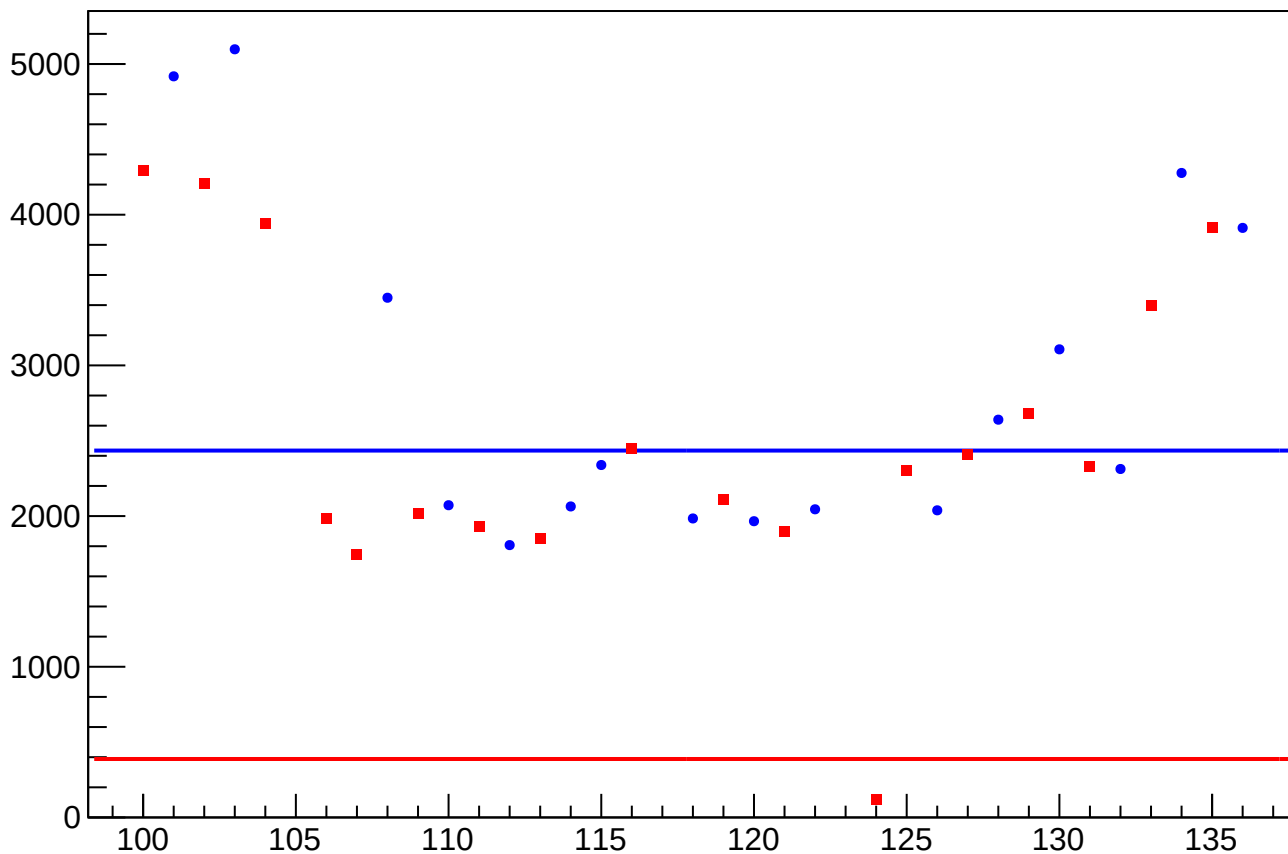
Right: -62.891 $\pm$ 300.161 χ^2 /NDF: 35.4/33

In: 301.839 $\pm$ 960.952 χ^2 /NDF:15.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.891 $\pm$ 300.161 χ^2 /NDF: 35.4/33

asym_atl_dd_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: 387.971+/-0.223 χ^2/NDF : 11080795.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

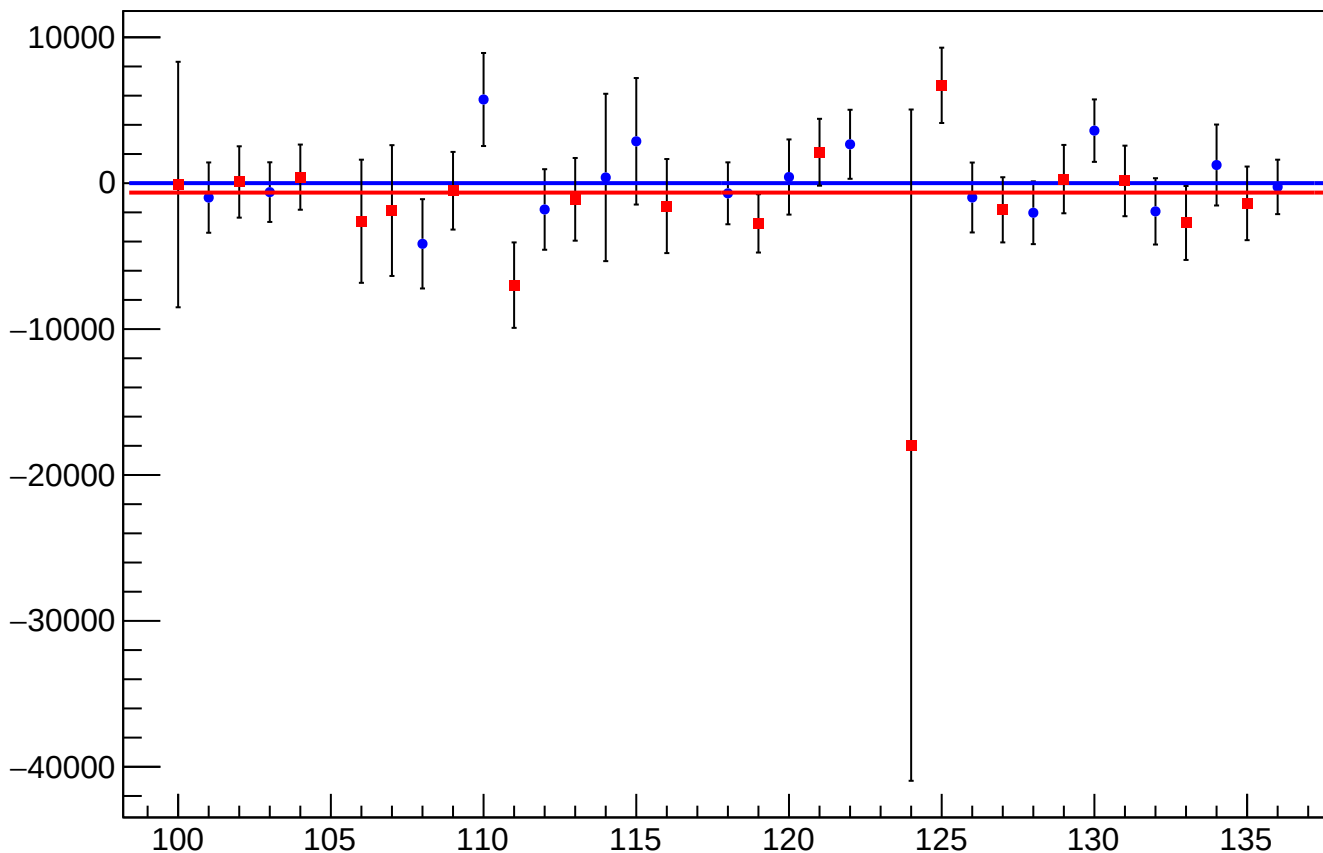
Right: 587.671+/-0.212 χ^2/NDF : 20724987.2/33

In: 2434.758+/-0.679 χ^2/NDF : 1456027.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 587.671+/-0.212 χ^2/NDF : 20724987.2/33

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: -644.490+/-642.102 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

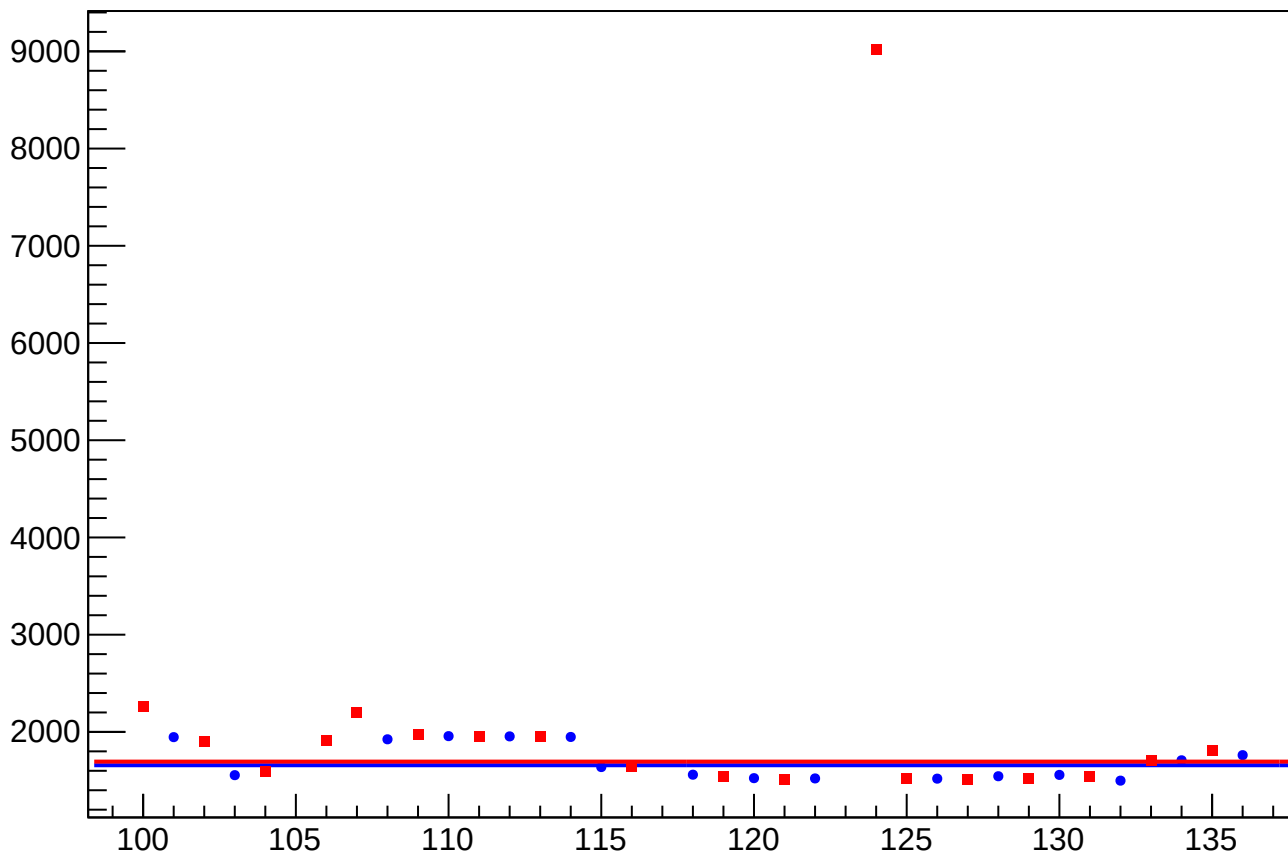
Right: -308.690+/-445.980 χ^2/NDF : 30.9/33

In: 4.295+/-619.905 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.690+/-445.980 χ^2/NDF : 30.9/33

eigen_cor_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1657.119 $\pm$ 0.438 χ^2 /NDF: 143982.5/15

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

Right Out: 1694.553 $\pm$ 0.452 χ^2 /NDF: 387298.2/17

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

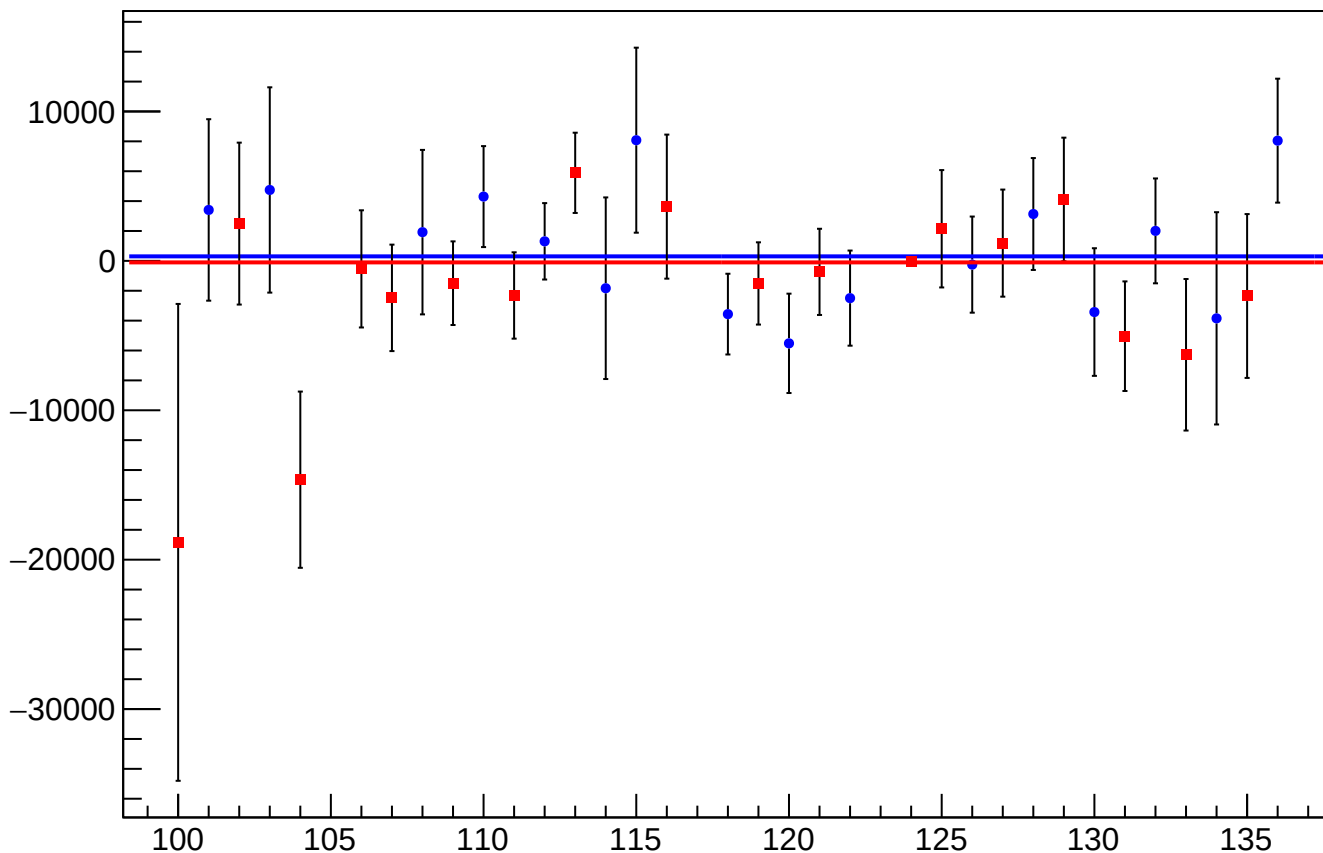
Right: 1675.257 $\pm$ 0.315 χ^2 /NDF: 534814.5/33

In: 1657.119 $\pm$ 0.438 χ^2 /NDF: 143982.5/15

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

All: 1675.257 $\pm$ 0.315 χ^2 /NDF: 534814.5/33

asym_atl_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 301.839 $\pm$ 960.952 χ^2 /NDF: 15.3/15

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

Right Out: -102.324 $\pm$ 315.970 χ^2 /NDF: 19.9/17

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

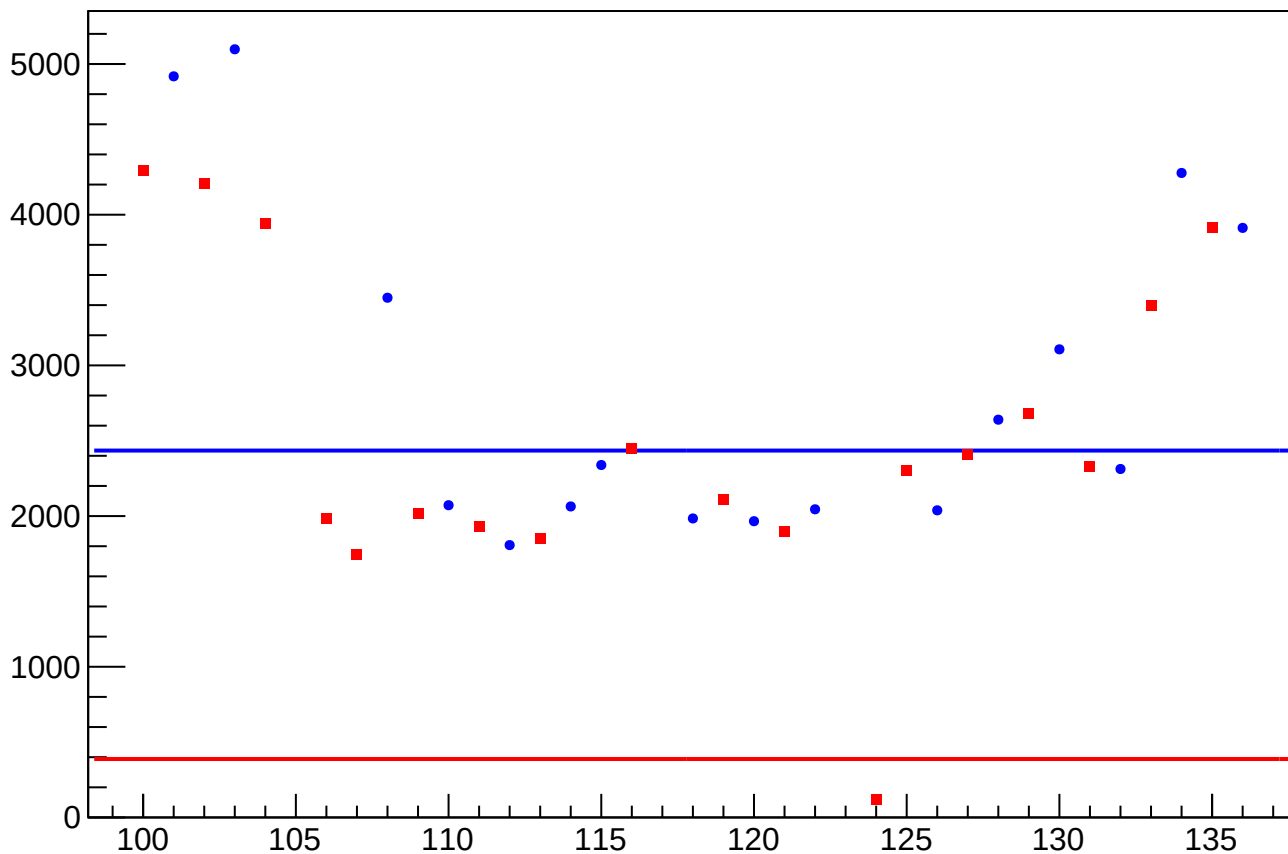
Right: -62.891 $\pm$ 300.161 χ^2 /NDF: 35.4/33

In: 301.839 $\pm$ 960.952 χ^2 /NDF:15.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -62.891 $\pm$ 300.161 χ^2 /NDF: 35.4/33

asym_atl_dd_eigen_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: 387.971 $\pm$ 0.223 χ^2 /NDF: 11080795.6/17

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

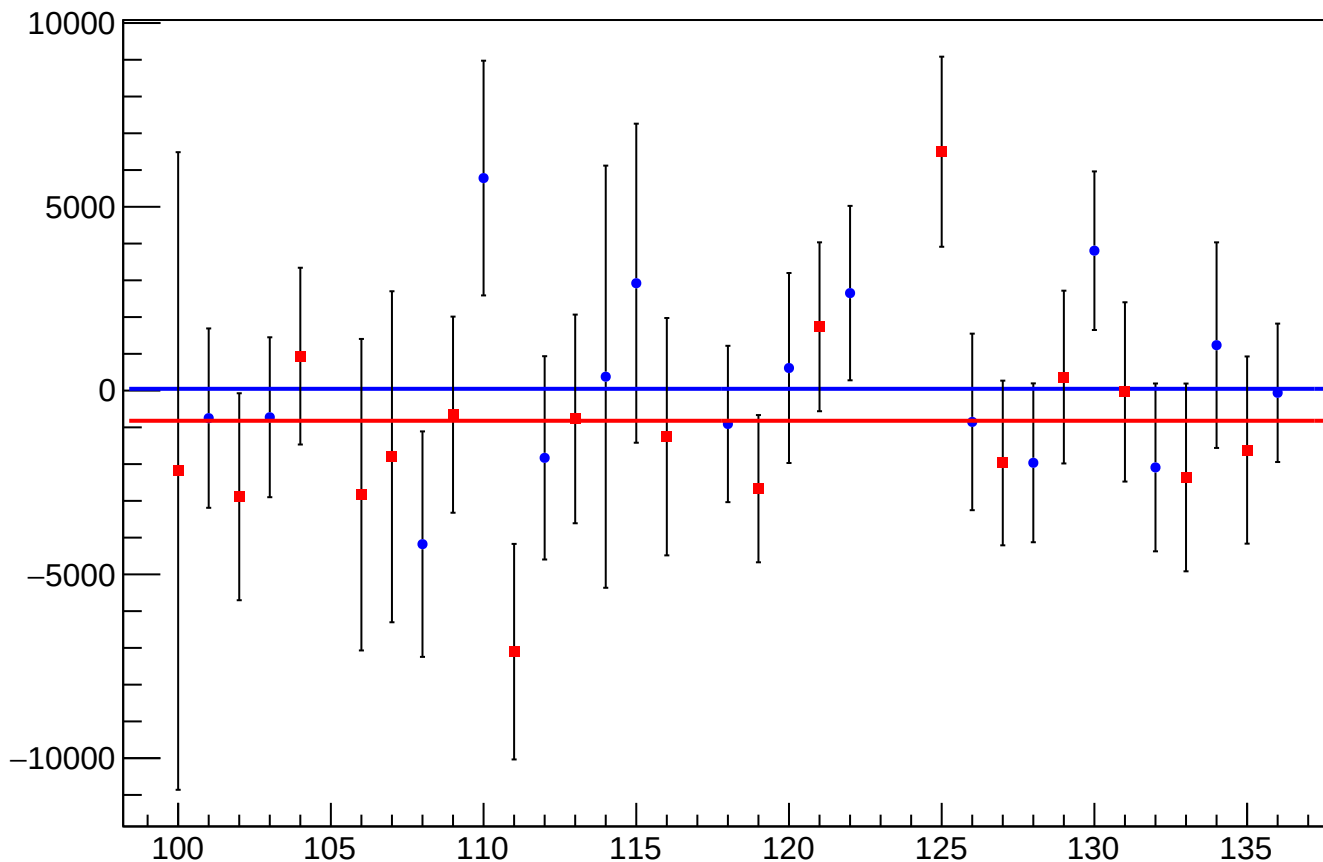
Right: 587.671 $\pm$ 0.212 χ^2 /NDF: 20724987.2/33

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: 587.671 $\pm$ 0.212 χ^2 /NDF: 20724987.2/33

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: -821.010+/-653.912 χ^2/NDF : 17.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

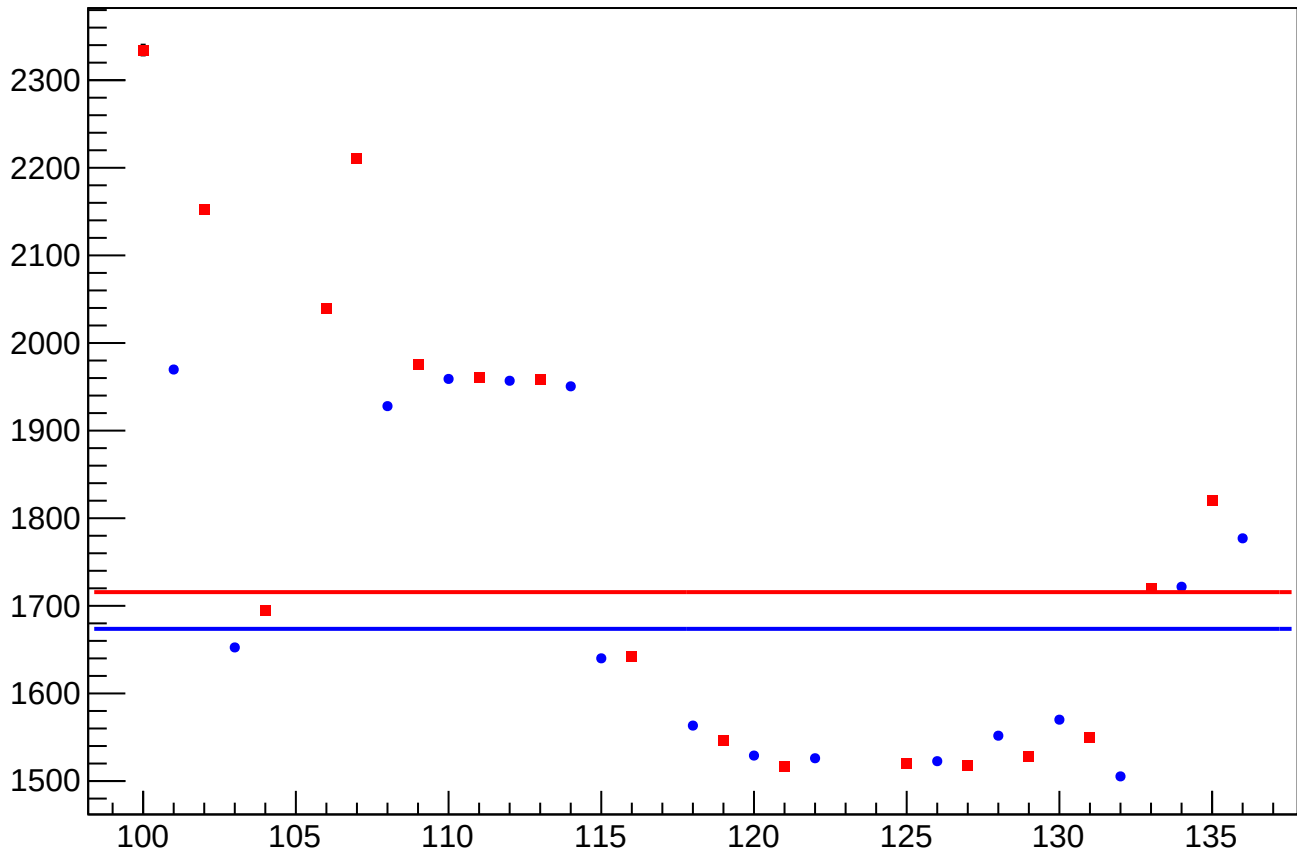
Right: -367.494+/-452.251 χ^2/NDF : 30.9/32

In: 48.331+/-626.151 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.494+/-452.251 χ^2/NDF : 30.9/32

dit_asym_atl_dd_rms vs Slug, Sign Corrected



Right In: 1673.729 $\pm$ 0.443 χ^2 /NDF: 140873.1/15

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

Right Out: 1715.655 $\pm$ 0.461 χ^2 /NDF: 226878.3/16

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

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

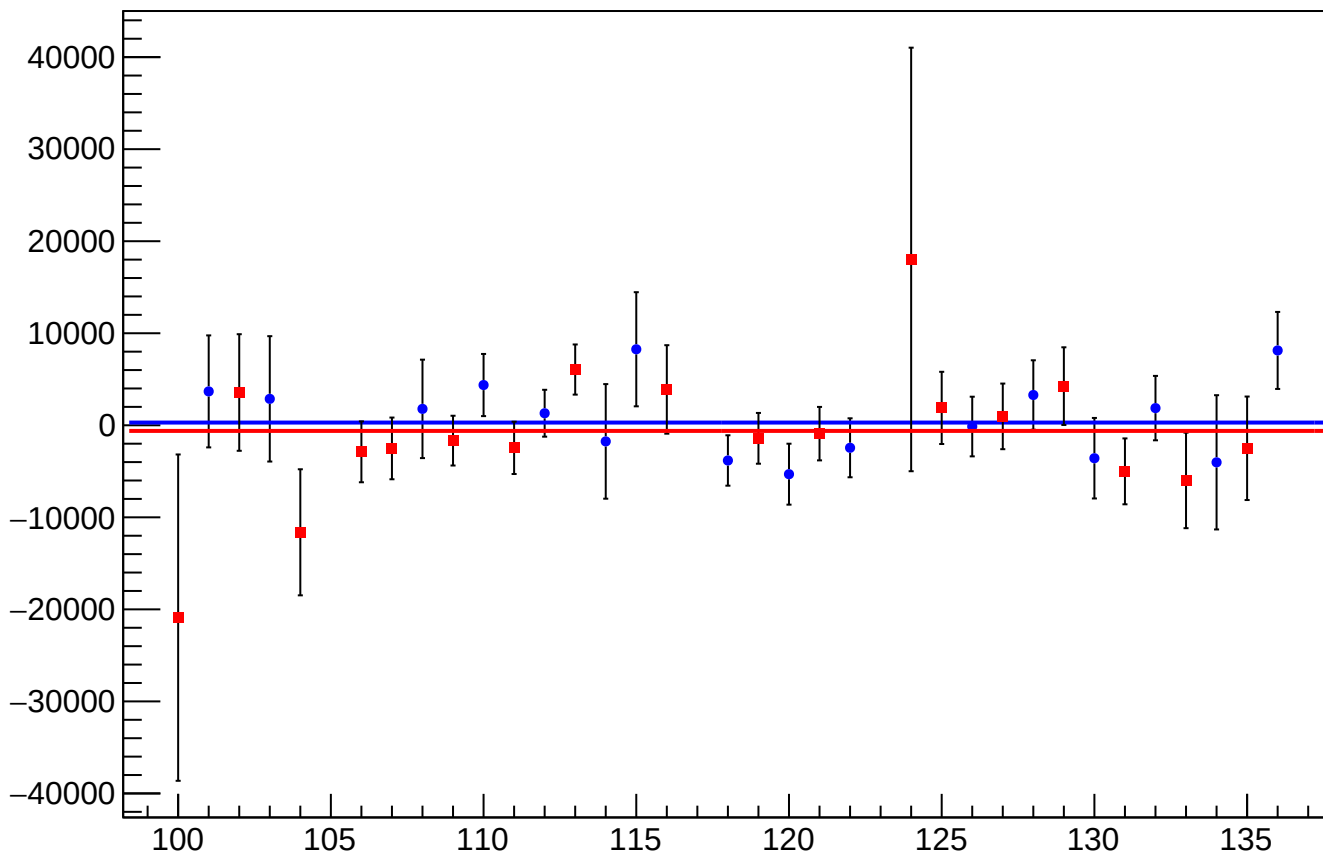
Right: 1693.833 $\pm$ 0.319 χ^2 /NDF: 372051.2/32

In: 1673.729 $\pm$ 0.443 χ^2 /NDF:140873.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1693.833 $\pm$ 0.319 χ^2 /NDF: 372051.2/32

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: -611.536+/-888.410 χ^2/NDF : 17.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

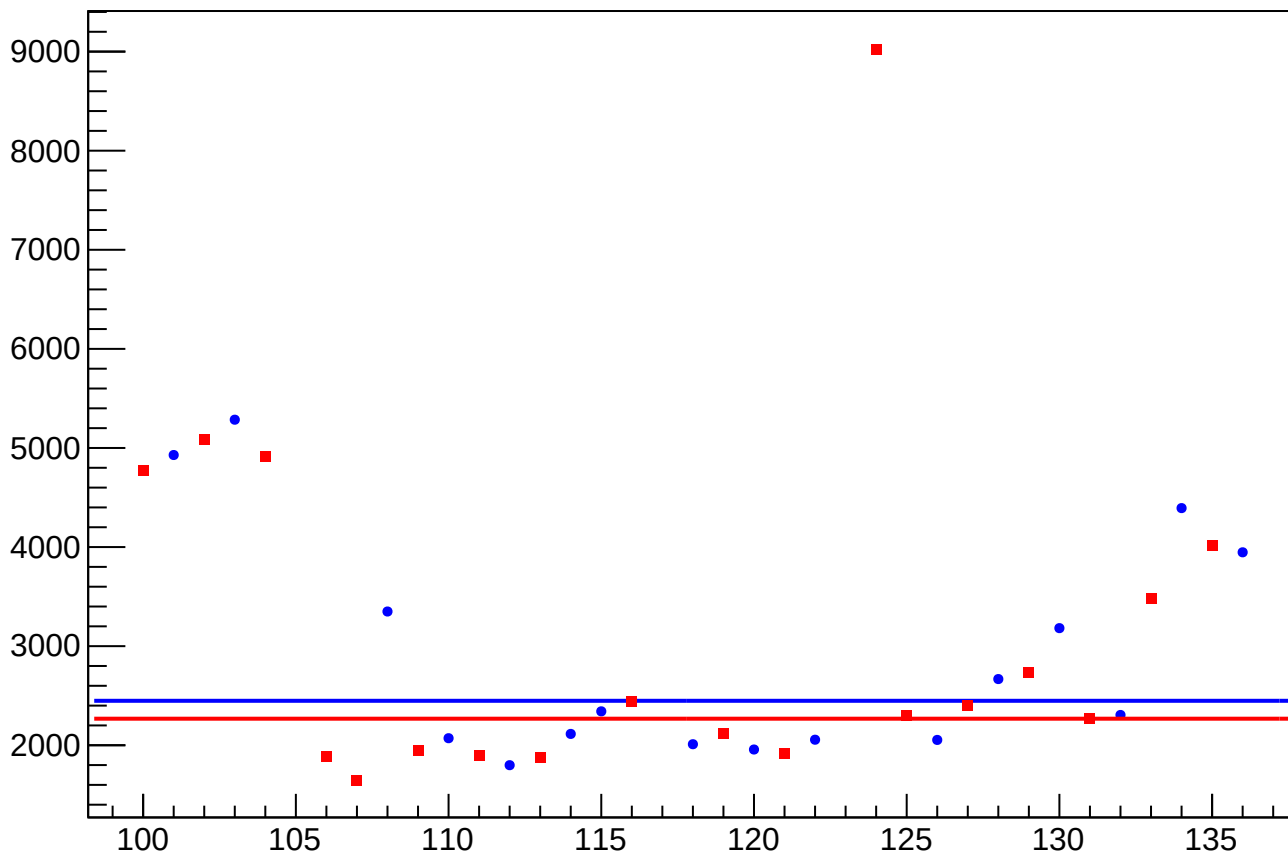
Right: -194.819+/-653.502 χ^2/NDF : 33.7/33

In: 296.517+/-964.677 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.819+/-653.502 χ^2/NDF : 33.7/33

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: 2267.974+/-0.628 χ^2/NDF : 1474514.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

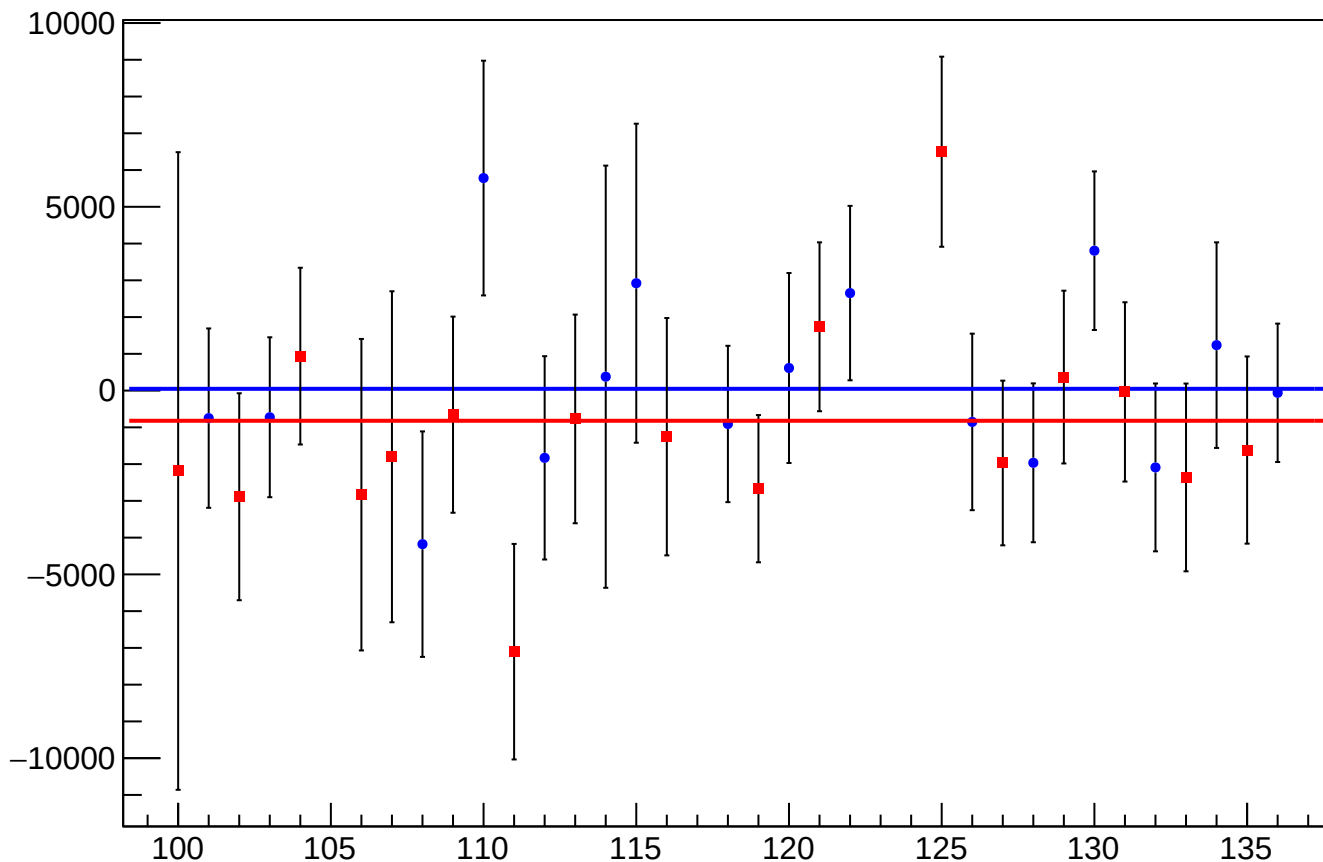
Right: 2350.864+/-0.462 χ^2/NDF : 3030039.5/33

In: 2448.598+/-0.682 χ^2/NDF : 1517585.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2350.864+/-0.462 χ^2/NDF : 3030039.5/33

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: -821.012+/-653.912 χ^2/NDF : 17.2/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

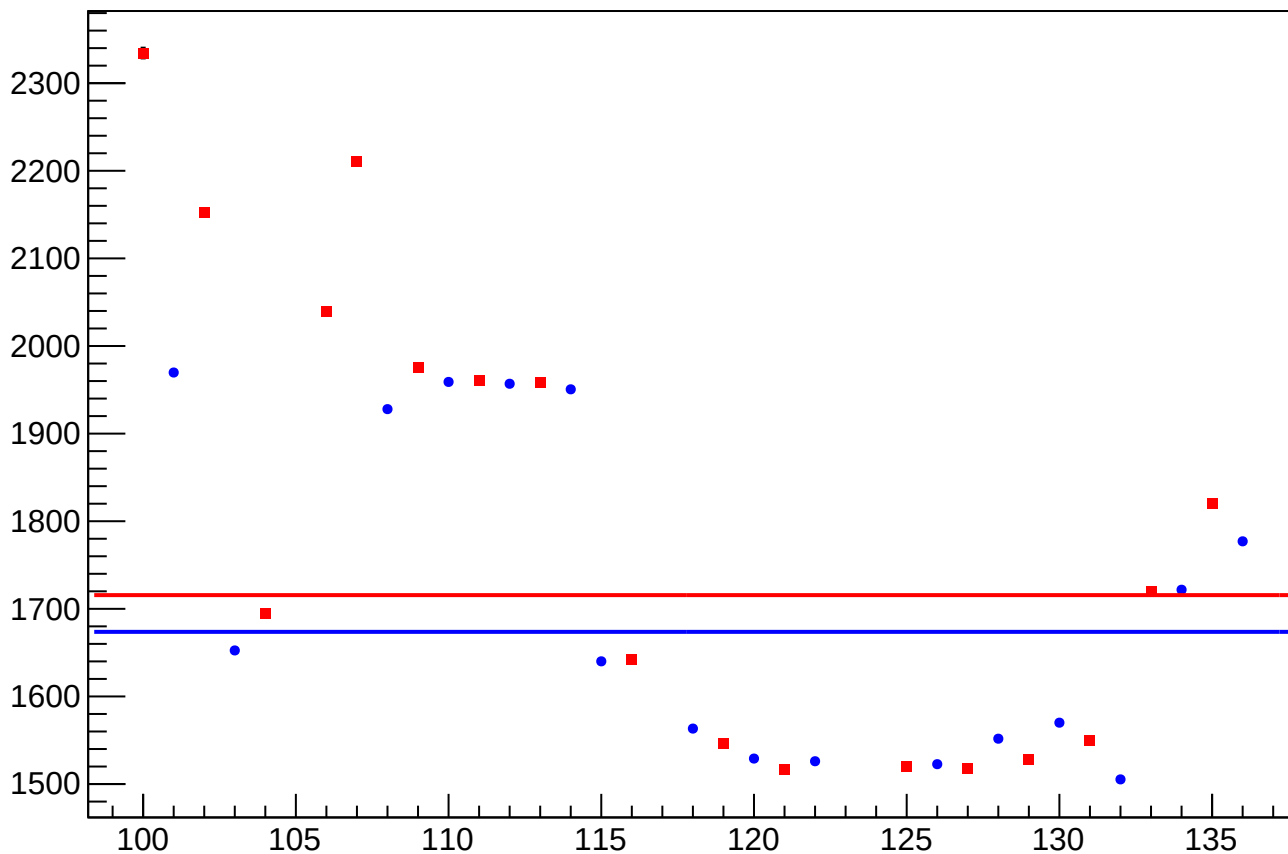
Right: -367.497+/-452.251 χ^2/NDF : 30.9/32

In: 48.329+/-626.151 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -367.497+/-452.251 χ^2/NDF : 30.9/32

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: 1715.655+/-0.461 χ^2/NDF : 226877.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

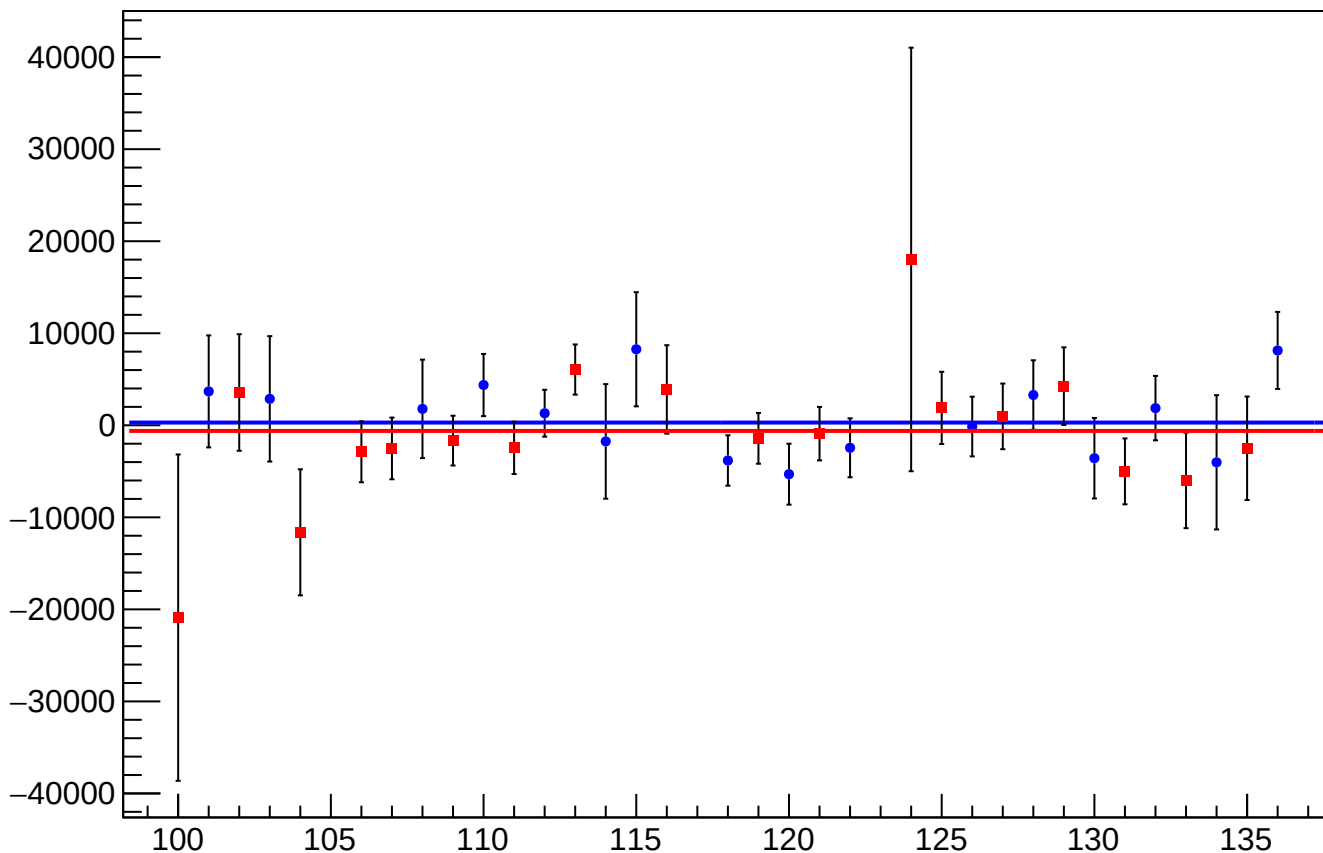
Right: 1693.833+/-0.319 χ^2/NDF : 372050.5/32

In: 1673.728+/-0.443 χ^2/NDF : 140873.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1693.833+/-0.319 χ^2/NDF : 372050.5/32

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: -611.537+/-888.407 χ^2/NDF : 17.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

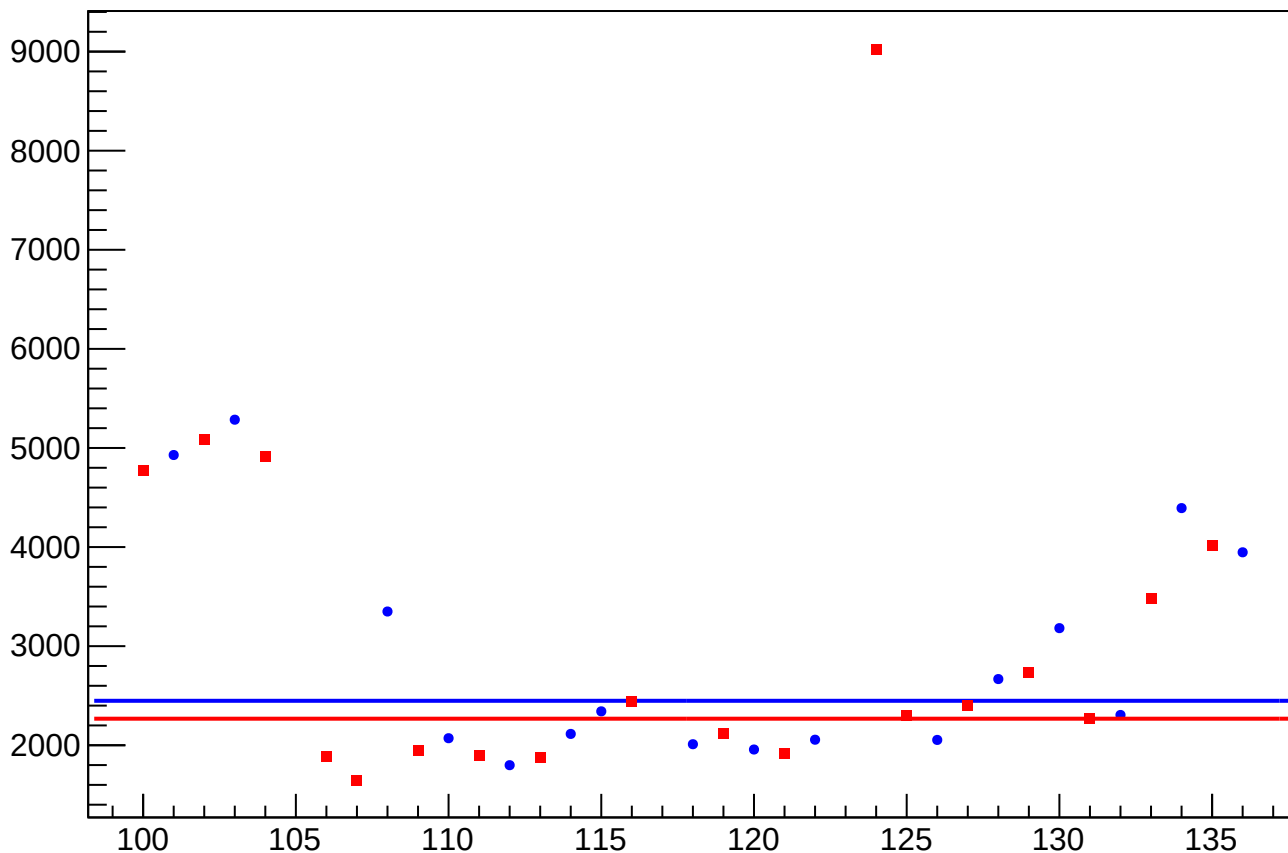
Right: -194.822+/-653.500 χ^2/NDF : 33.7/33

In: 296.511+/-964.673 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.822+/-653.500 χ^2/NDF : 33.7/33

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: 2267.965+/-0.628 χ^2/NDF : 1474521.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

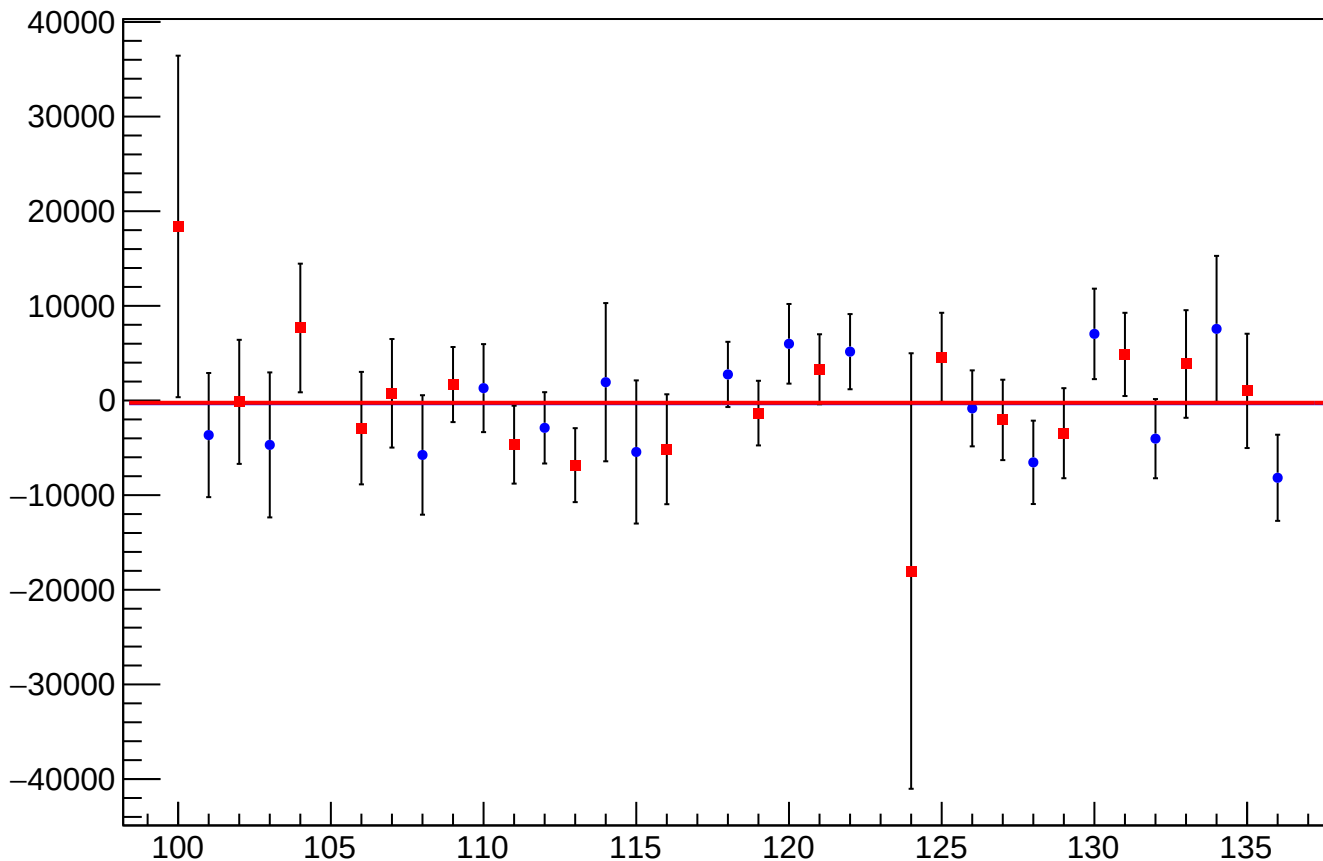
Right: 2350.855+/-0.462 χ^2/NDF : 3030058.6/33

In: 2448.587+/-0.682 χ^2/NDF : 1517598.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2350.855+/-0.462 χ^2/NDF : 3030058.6/33

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: -239.683+/-1162.430 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

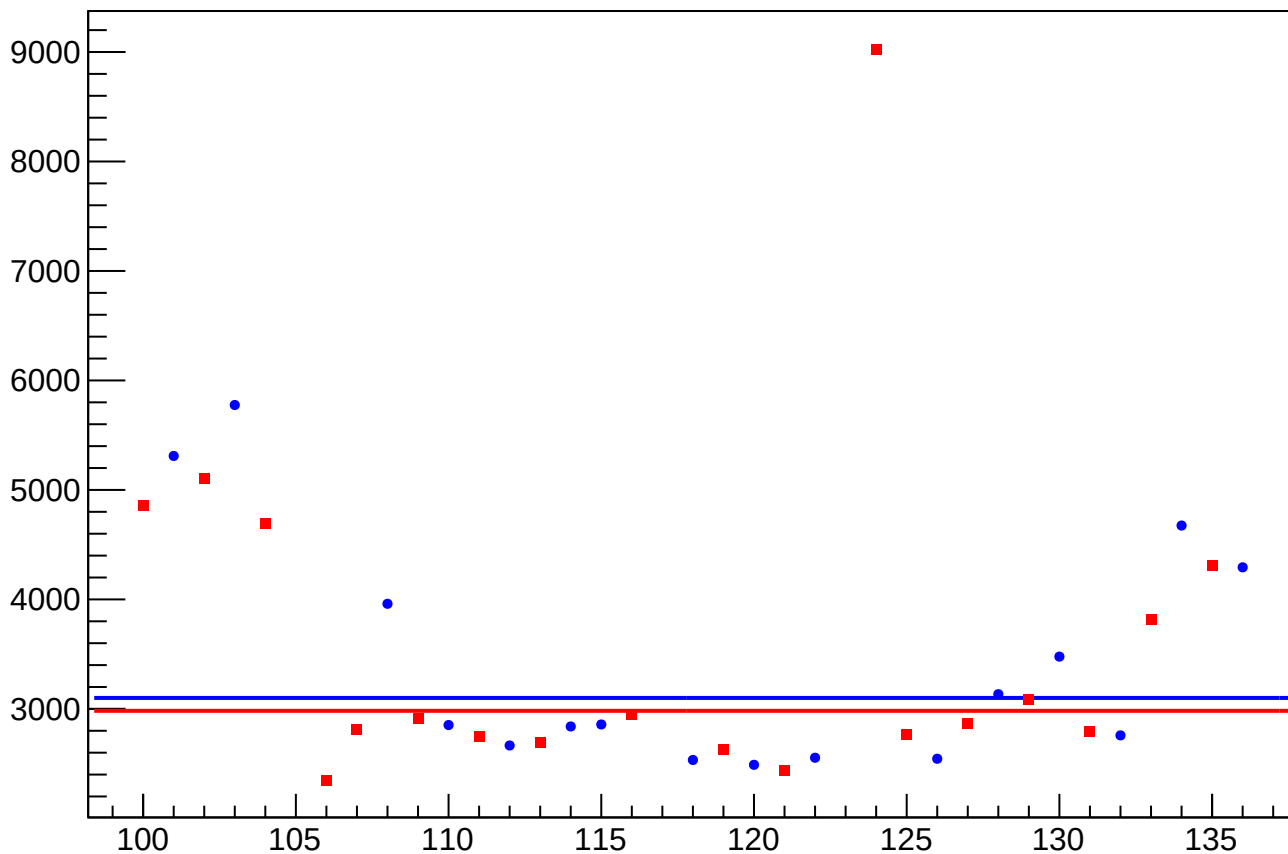
Right: -262.775+/-834.030 χ^2/NDF : 29.4/33

In: -287.276+/-1197.339 χ^2/NDF : 16.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -262.775+/-834.030 χ^2/NDF : 29.4/33

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: 2982.318+/-0.811 χ^2/NDF : 770934.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

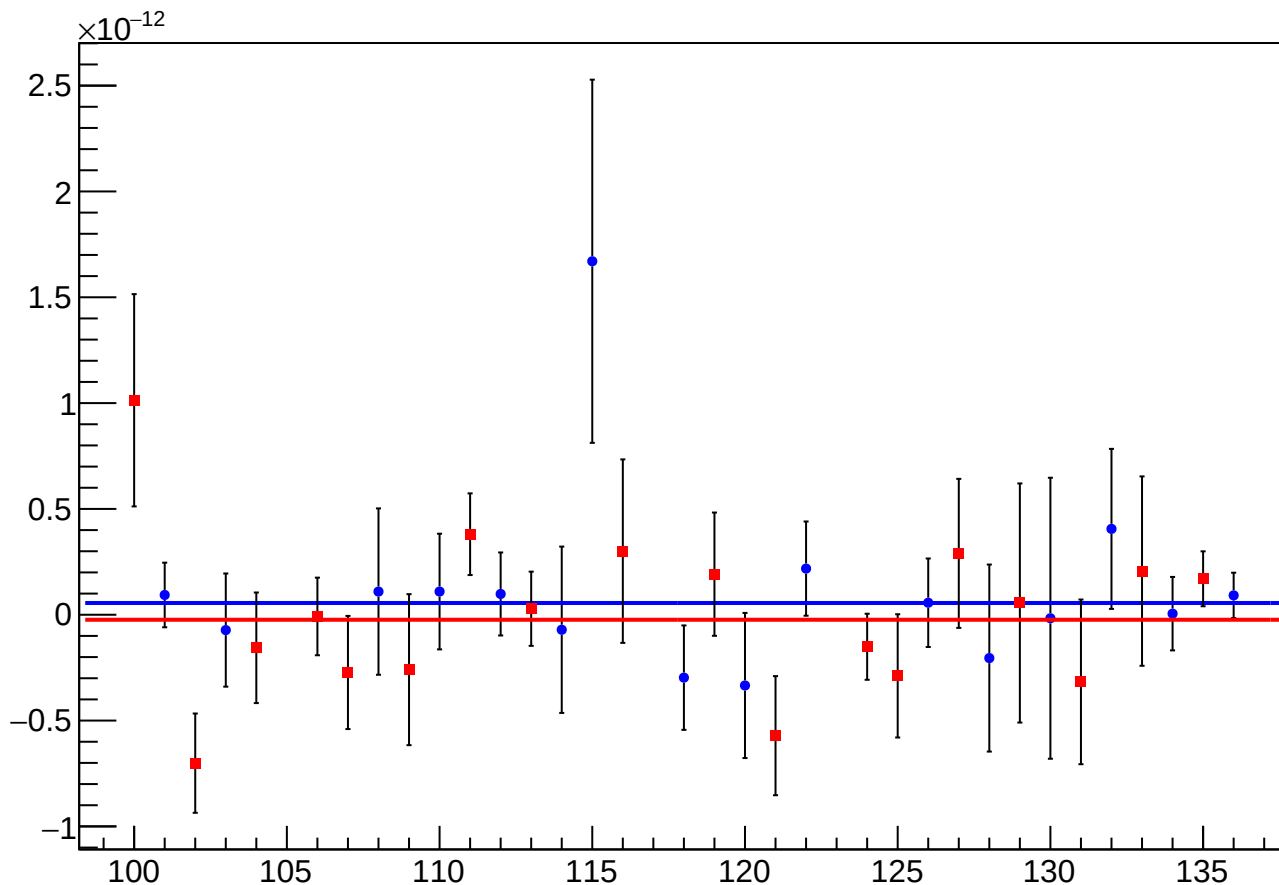
Right: 3038.673+/-0.586 χ^2/NDF : 1744706.3/33

In: 3100.135+/-0.847 χ^2/NDF : 963669.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3038.673+/-0.586 χ^2/NDF : 1744706.3/33

asym_atl_dd_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.3/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 28.9/17

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

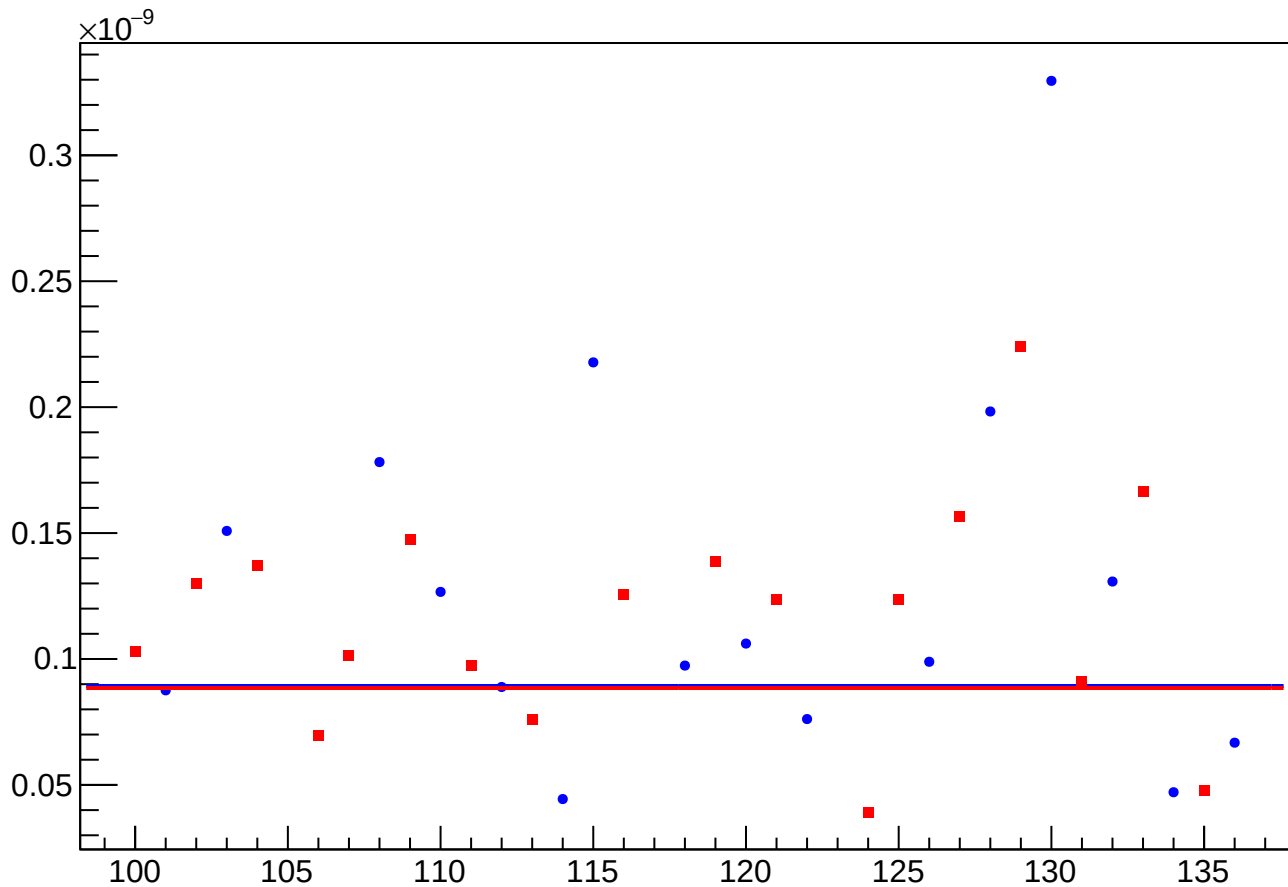
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 39.2/33

In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.3/15

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 39.2/33

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 : 1013583.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

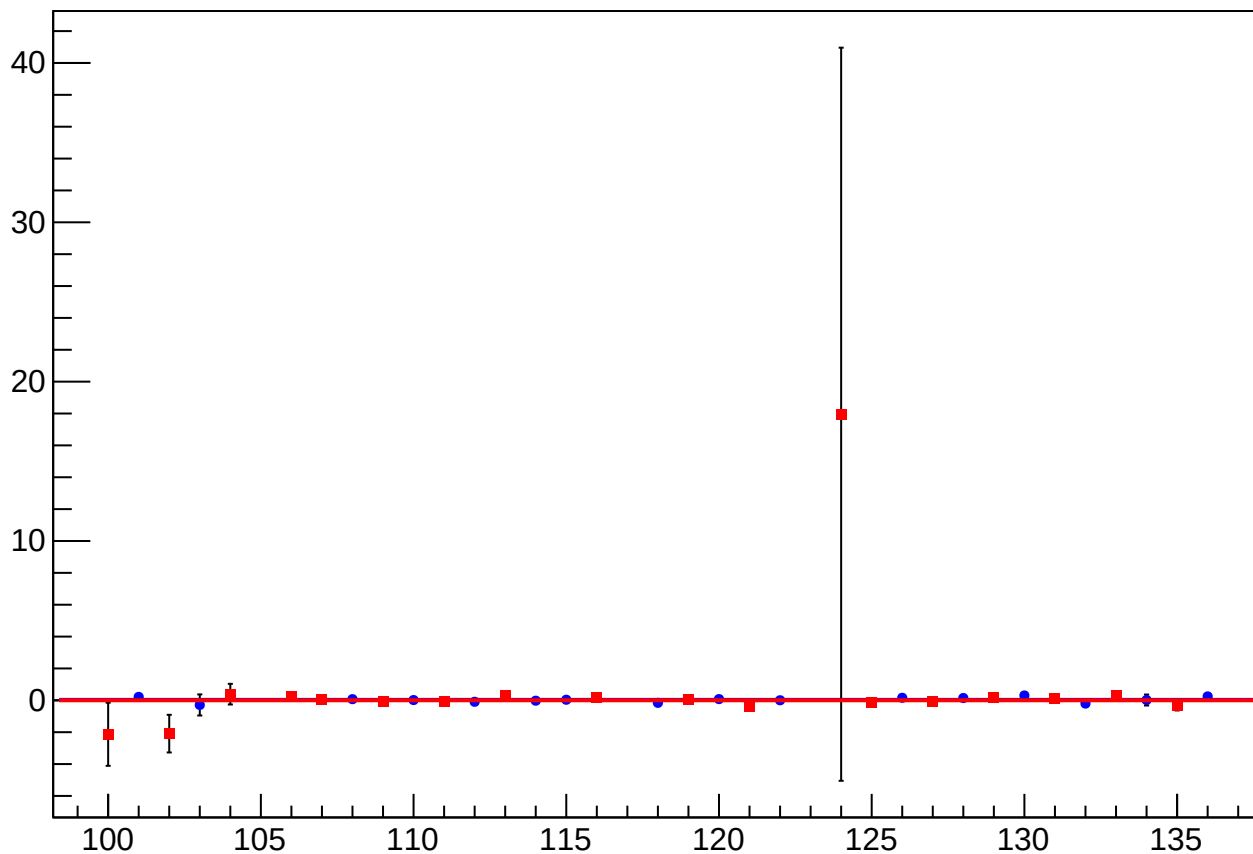
Right: 0.000+/-0.000 χ^2/NDF : 1963389.0/33

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 : 1963389.0/33

asym_atl_dd_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 : 22.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

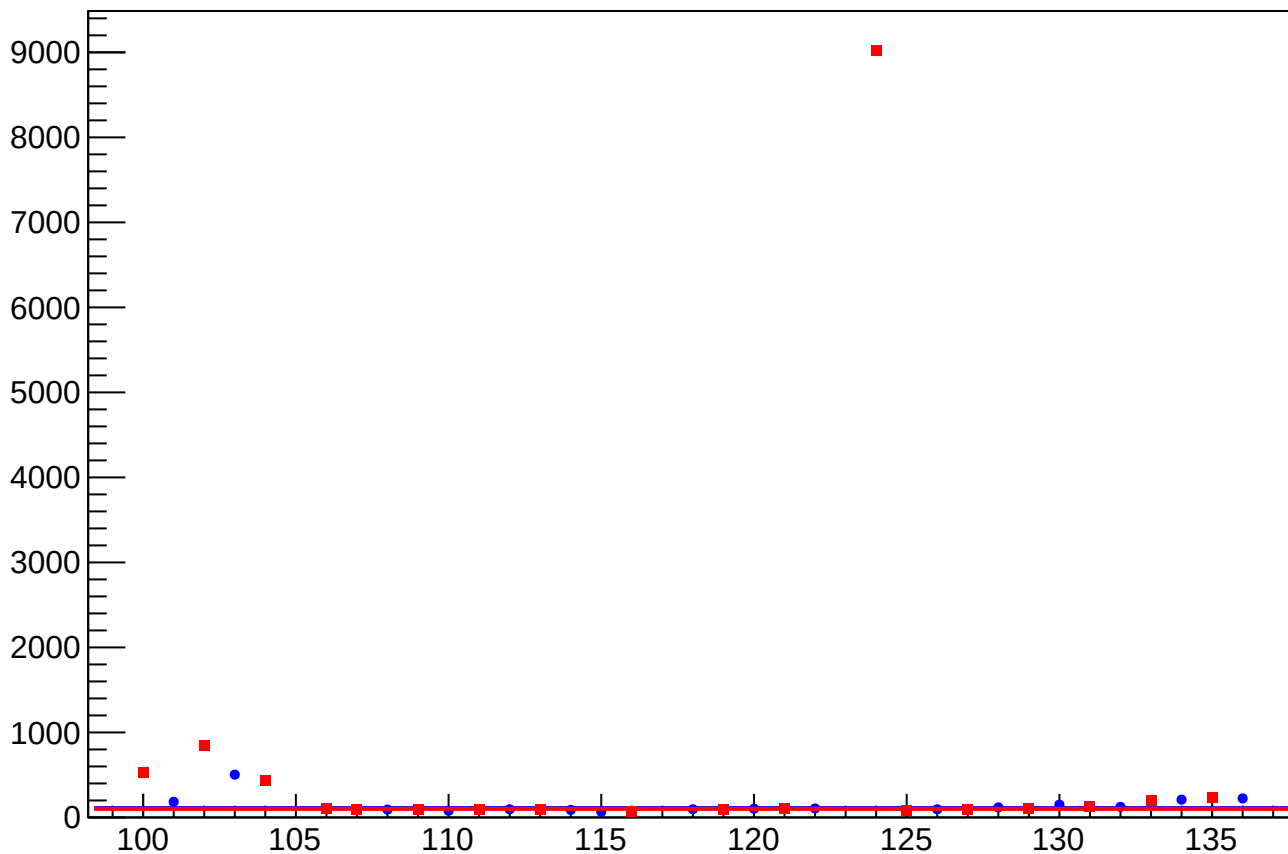
Right: 0.015+/-0.031 χ^2/NDF : 31.4/33

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 : 31.4/33

asym_atl_dd_dit_vs_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: 101.017+/-0.031 χ^2/NDF : 2426767.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

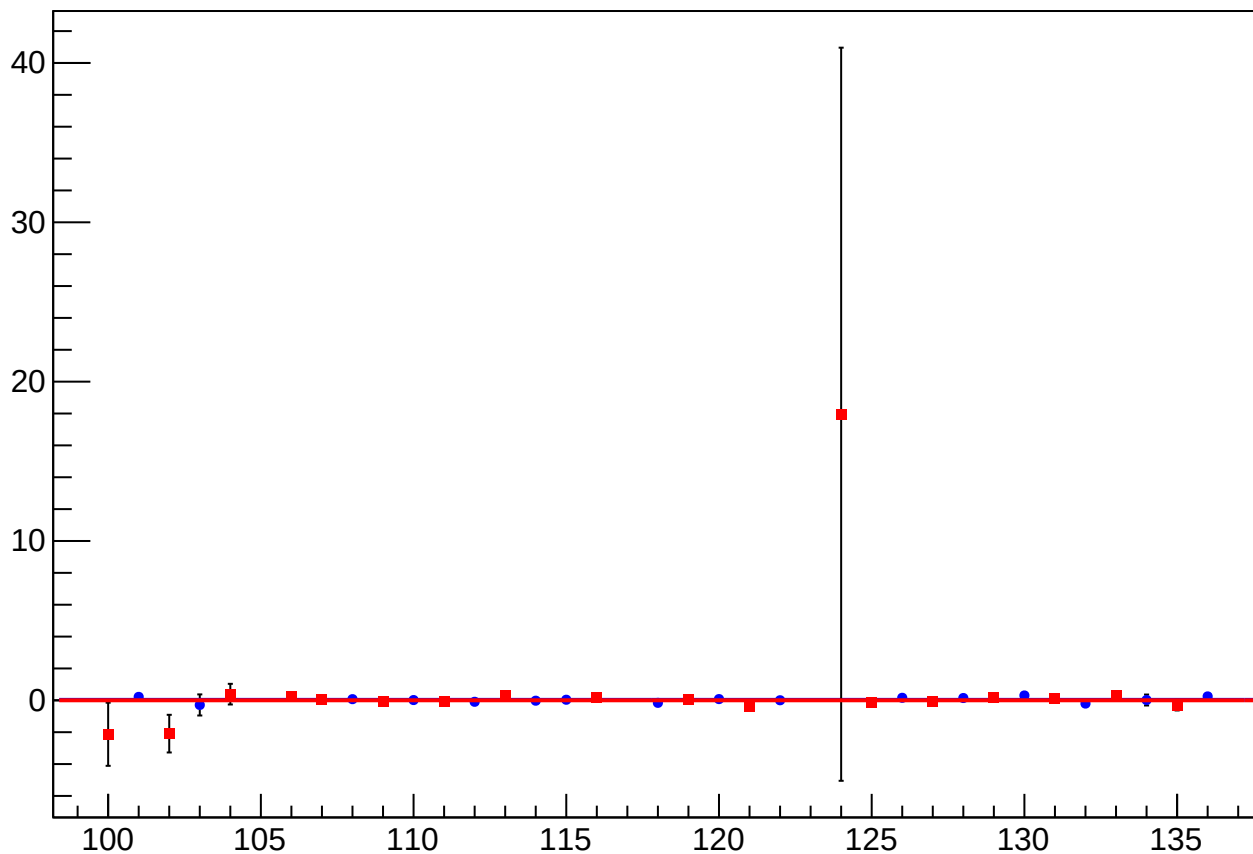
Right: 105.318+/-0.022 χ^2/NDF : 4398156.4/33

In: 109.988+/-0.032 χ^2/NDF : 1930558.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.318+/-0.022 χ^2/NDF : 4398156.4/33

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 : 22.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

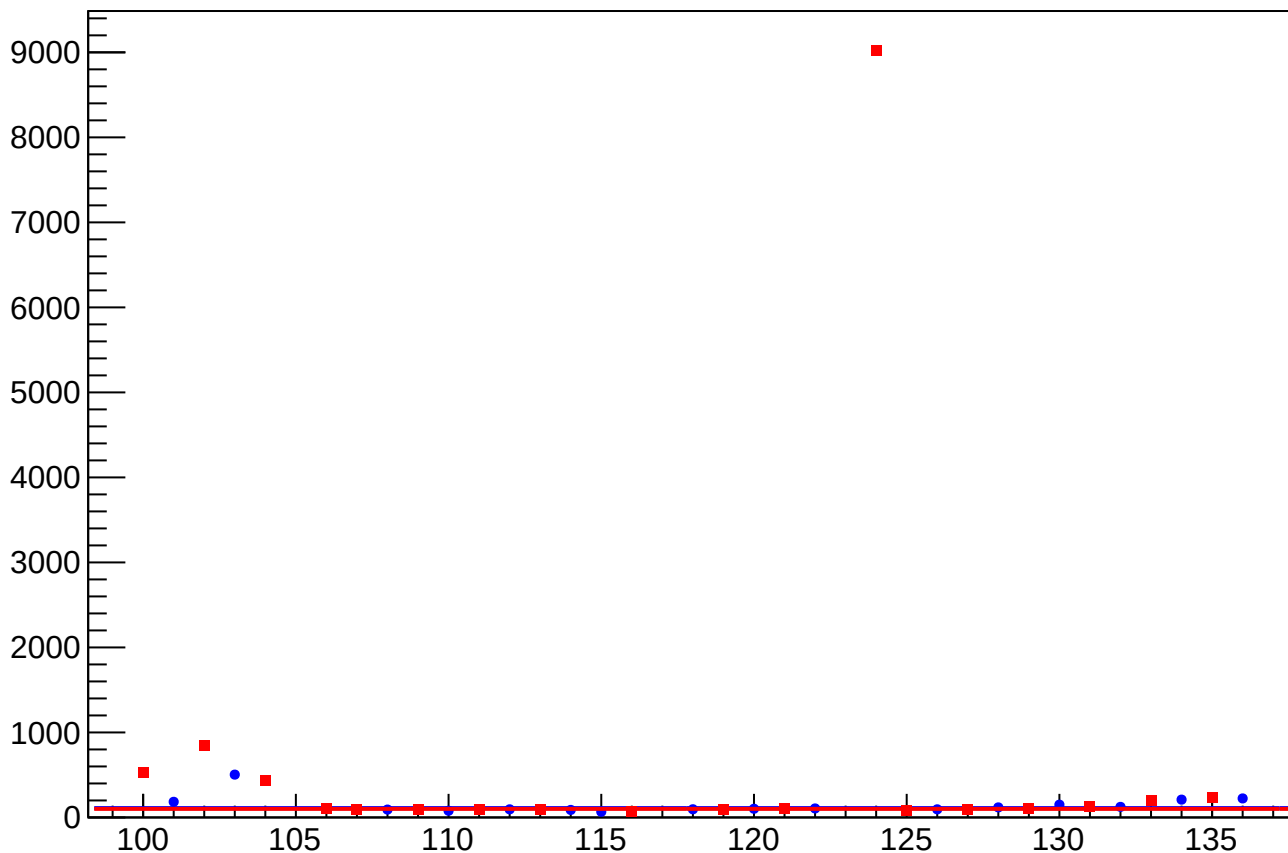
Right: 0.015+/-0.031 χ^2/NDF : 31.4/33

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 : 31.4/33

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: 101.017+/-0.031 χ^2/NDF : 2426767.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

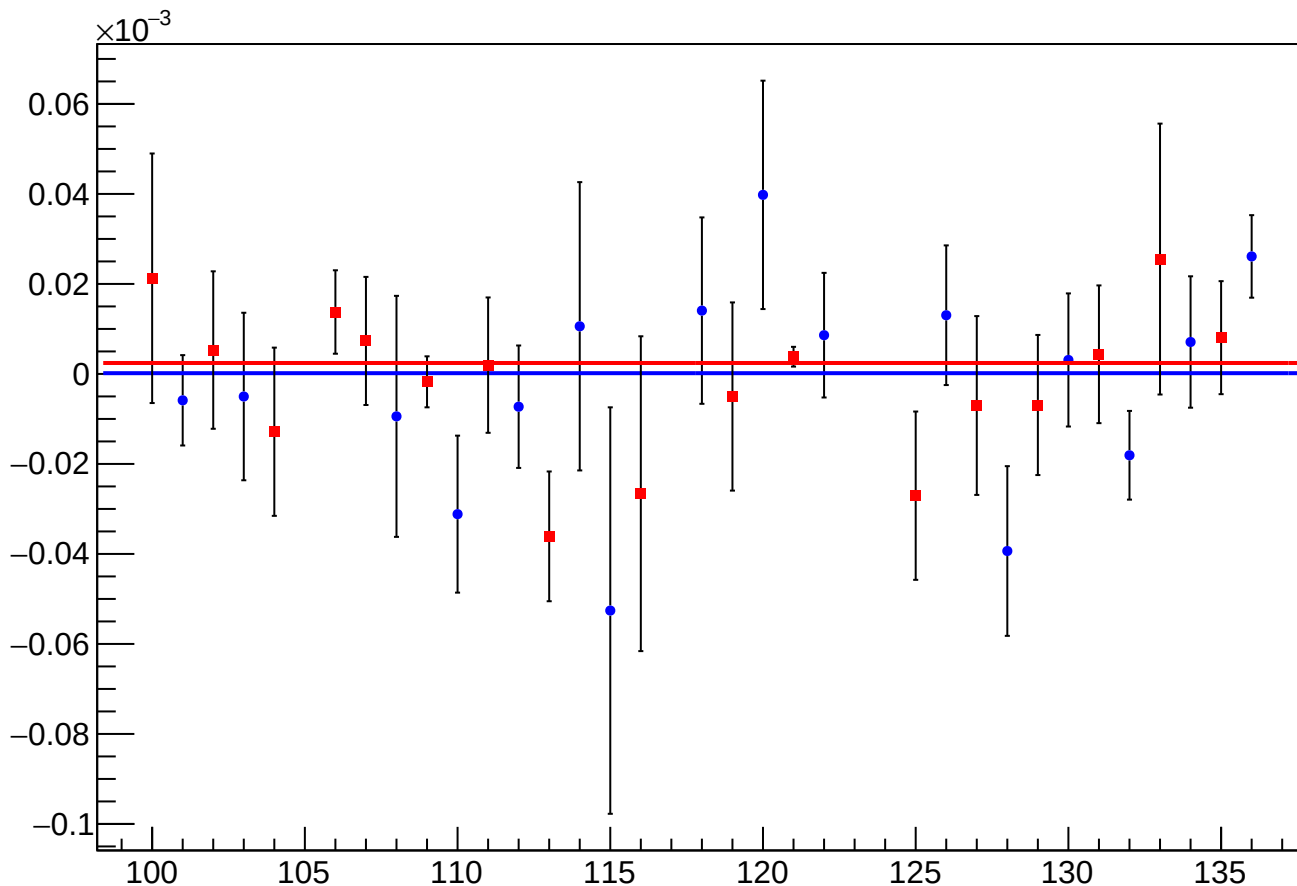
Right: 105.318+/-0.022 χ^2/NDF : 4398156.4/33

In: 109.988+/-0.032 χ^2/NDF : 1930558.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.318+/-0.022 χ^2/NDF : 4398156.4/33

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 : 15.6/16

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

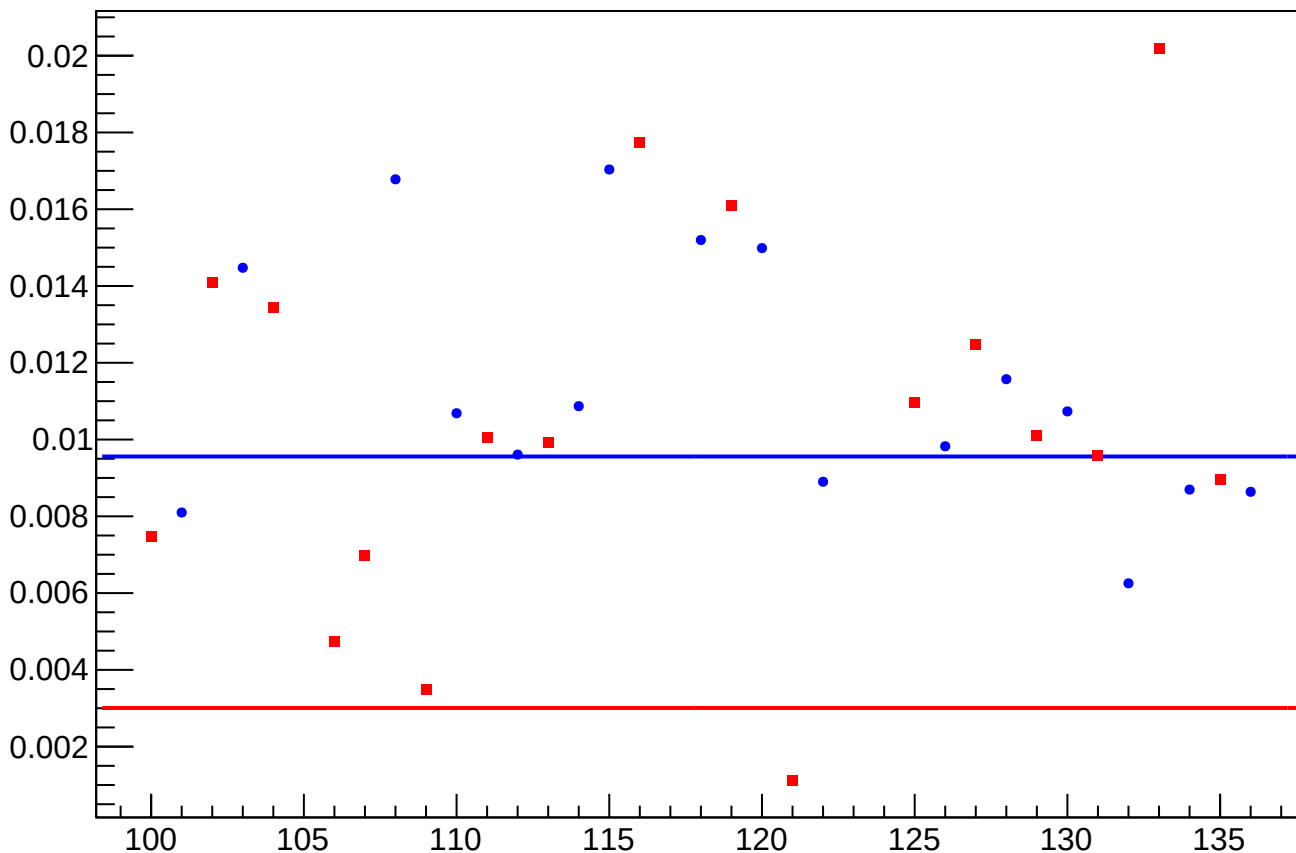
Right: 0.000+/-0.000 χ^2/NDF : 41.4/32

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 : 41.4/32

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 : 7950168.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

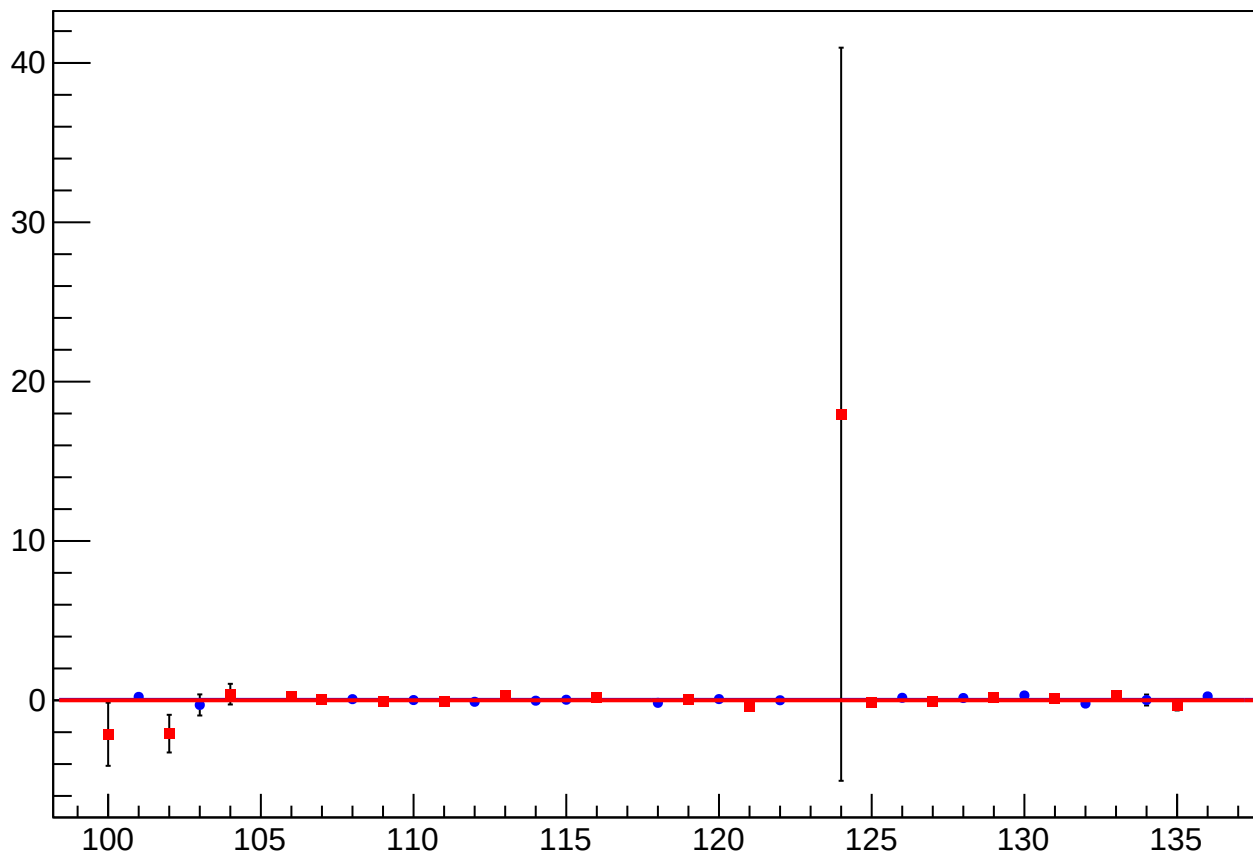
Right: 0.004+/-0.000 χ^2/NDF : 13840753.3/32

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 : 13840753.3/32

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 : 22.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

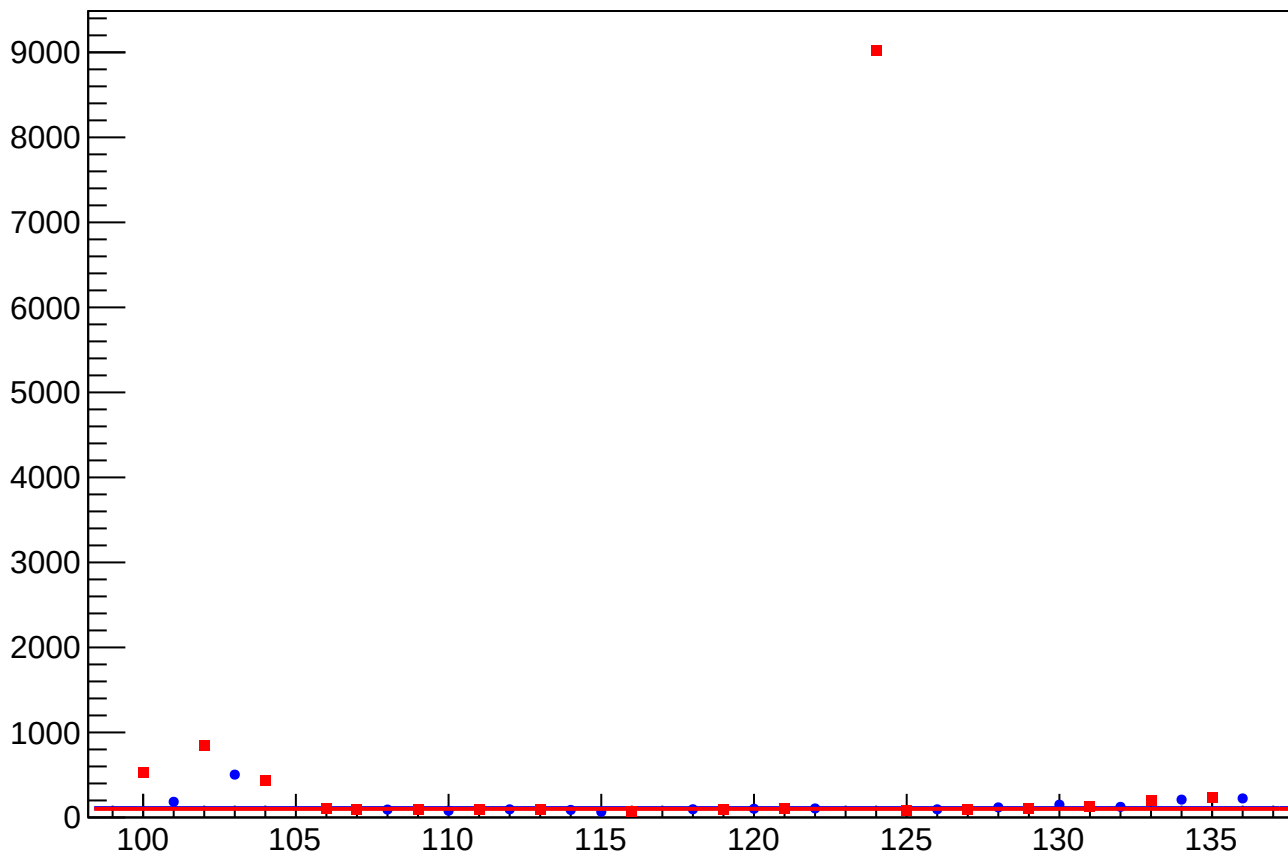
Right: 0.015+/-0.031 χ^2/NDF : 31.4/33

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 : 31.4/33

asym_atl_dd_eigen_dit_vs_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: 101.019+/-0.031 χ^2/NDF : 2426685.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

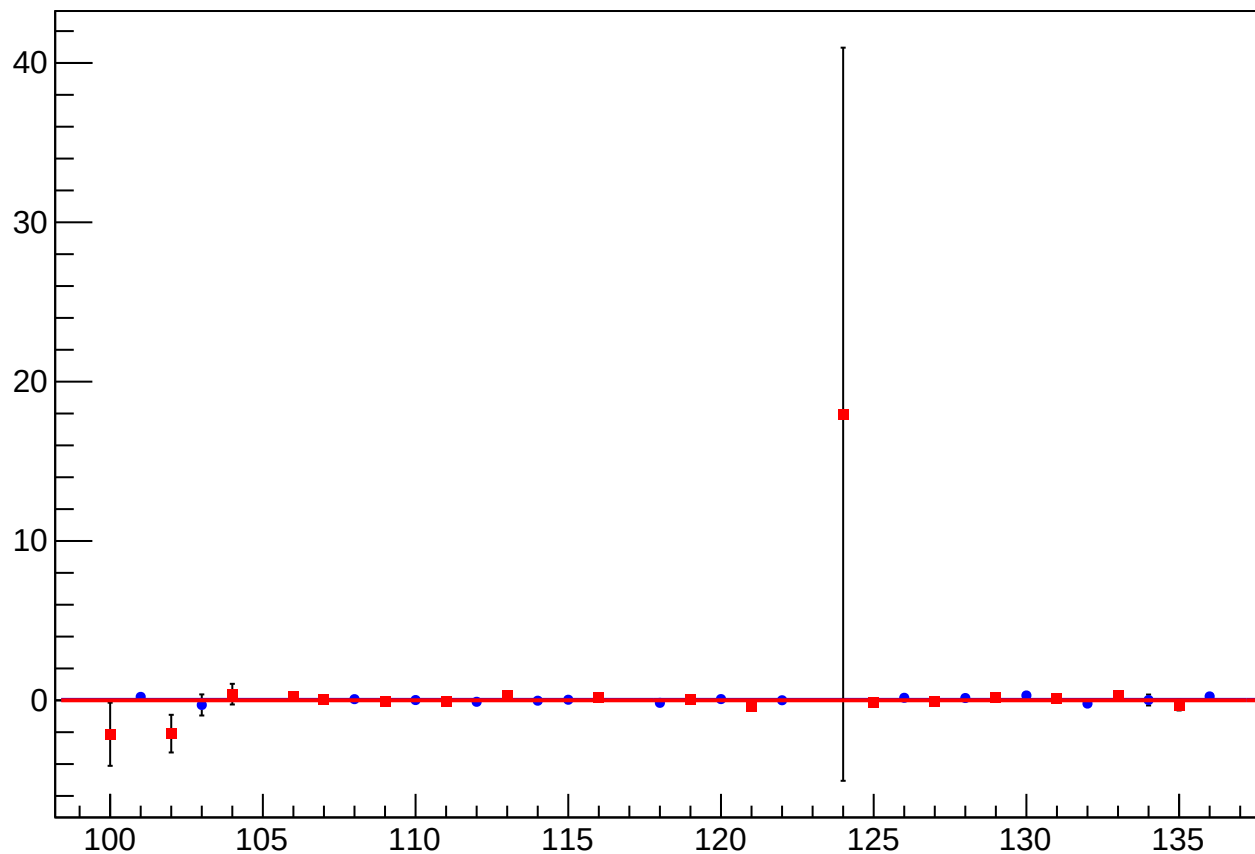
Right: 105.319+/-0.022 χ^2/NDF : 4398001.0/33

In: 109.989+/-0.032 χ^2/NDF : 1930489.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.319+/-0.022 χ^2/NDF : 4398001.0/33

asym_atl_dd_eigen_dit_vs_eigen_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: 22.4/17

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

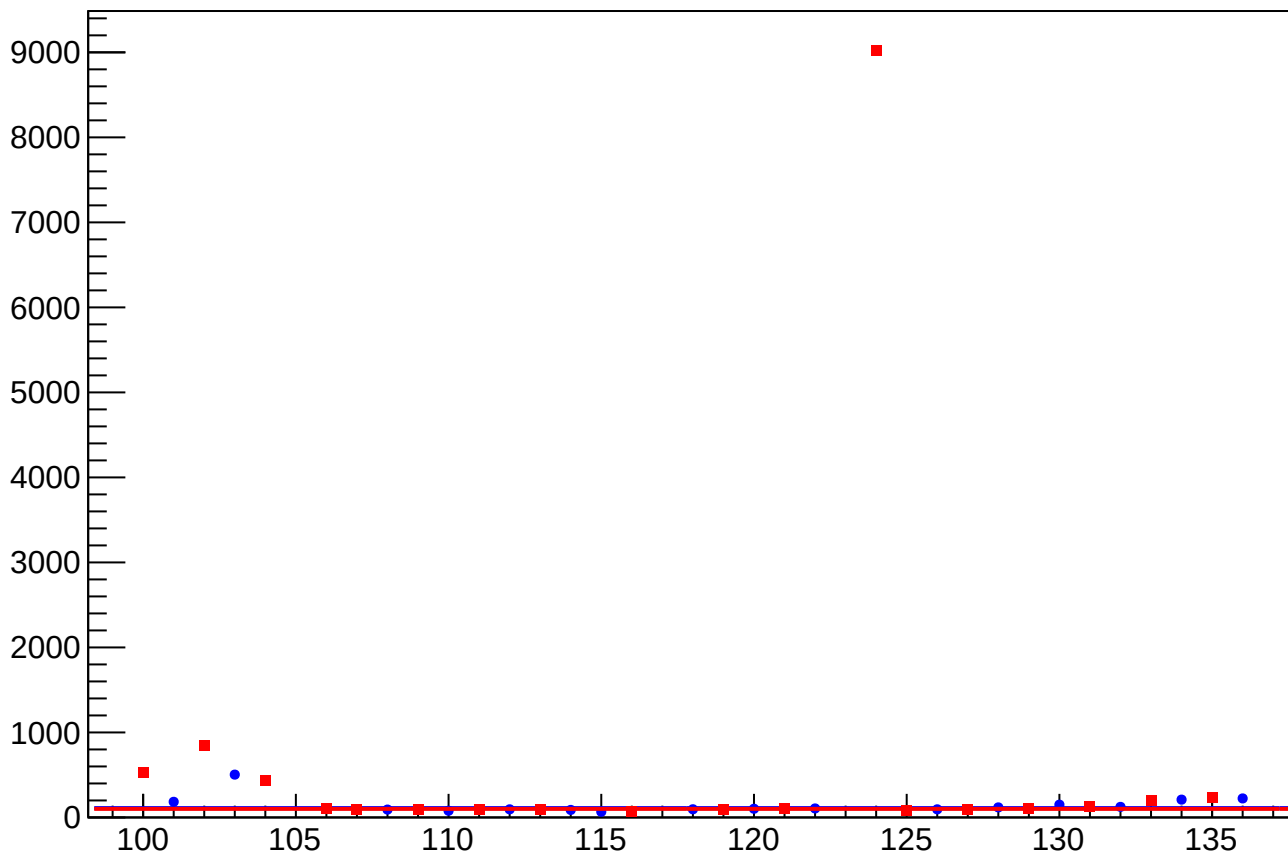
Right: 0.015 $\pm$ 0.031 χ^2 /NDF: 31.4/33

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: 31.4/33

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: 101.019+/-0.031 χ^2/NDF : 2426685.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

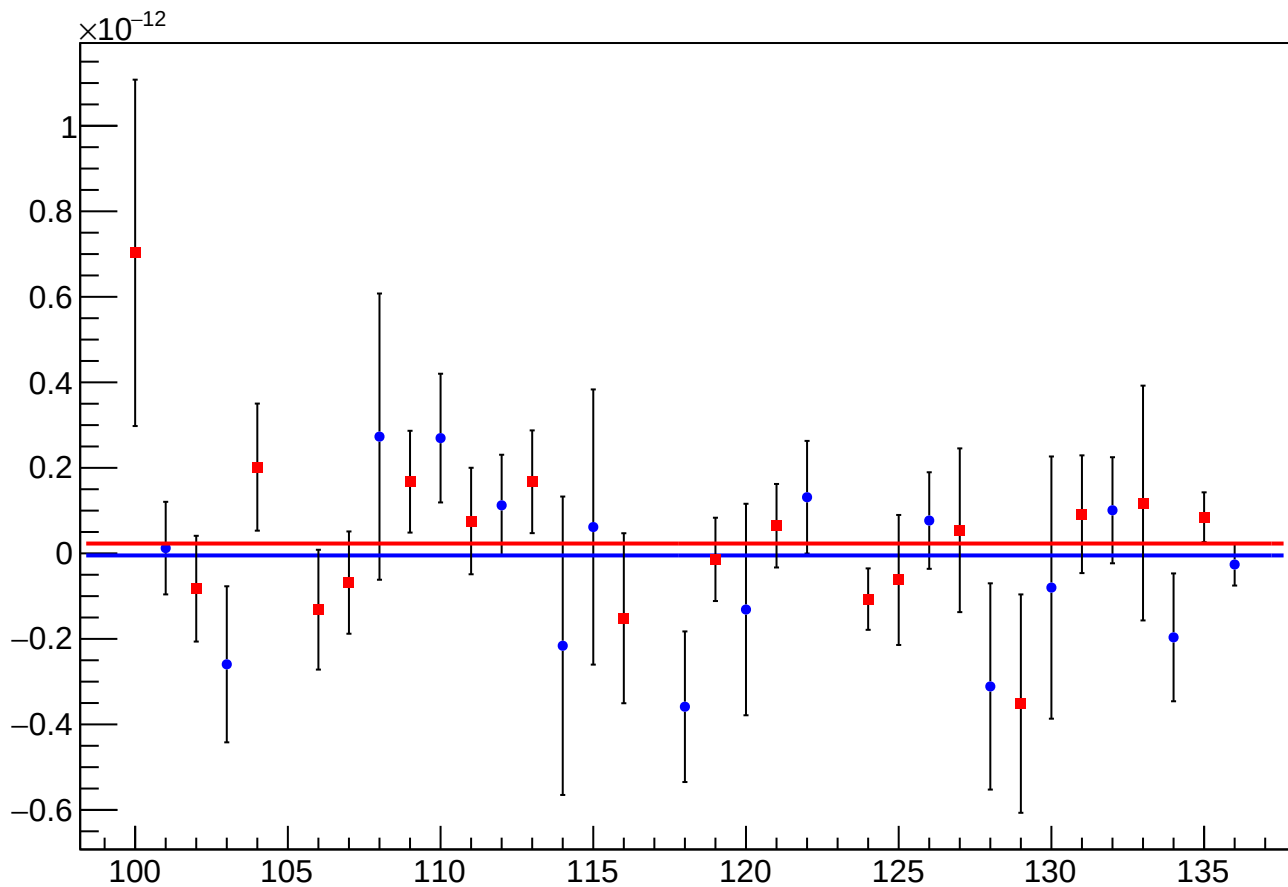
Right: 105.319+/-0.022 χ^2/NDF : 4398001.0/33

In: 109.989+/-0.032 χ^2/NDF : 1930489.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.319+/-0.022 χ^2/NDF : 4398001.0/33

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 : 18.2/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

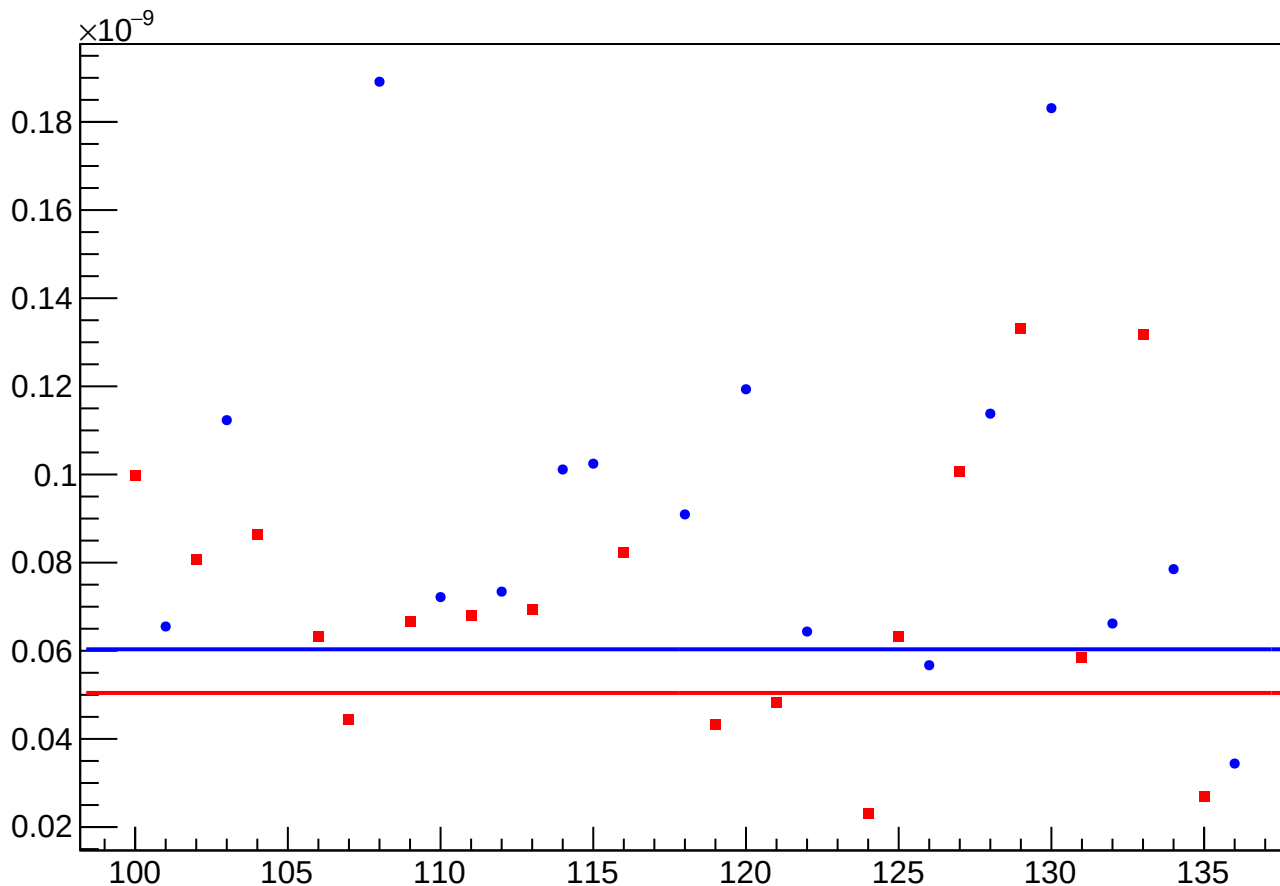
Right: 0.000 ± 0.000 χ^2/NDF : 36.2/33

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 : 36.2/33

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 : 1640952.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

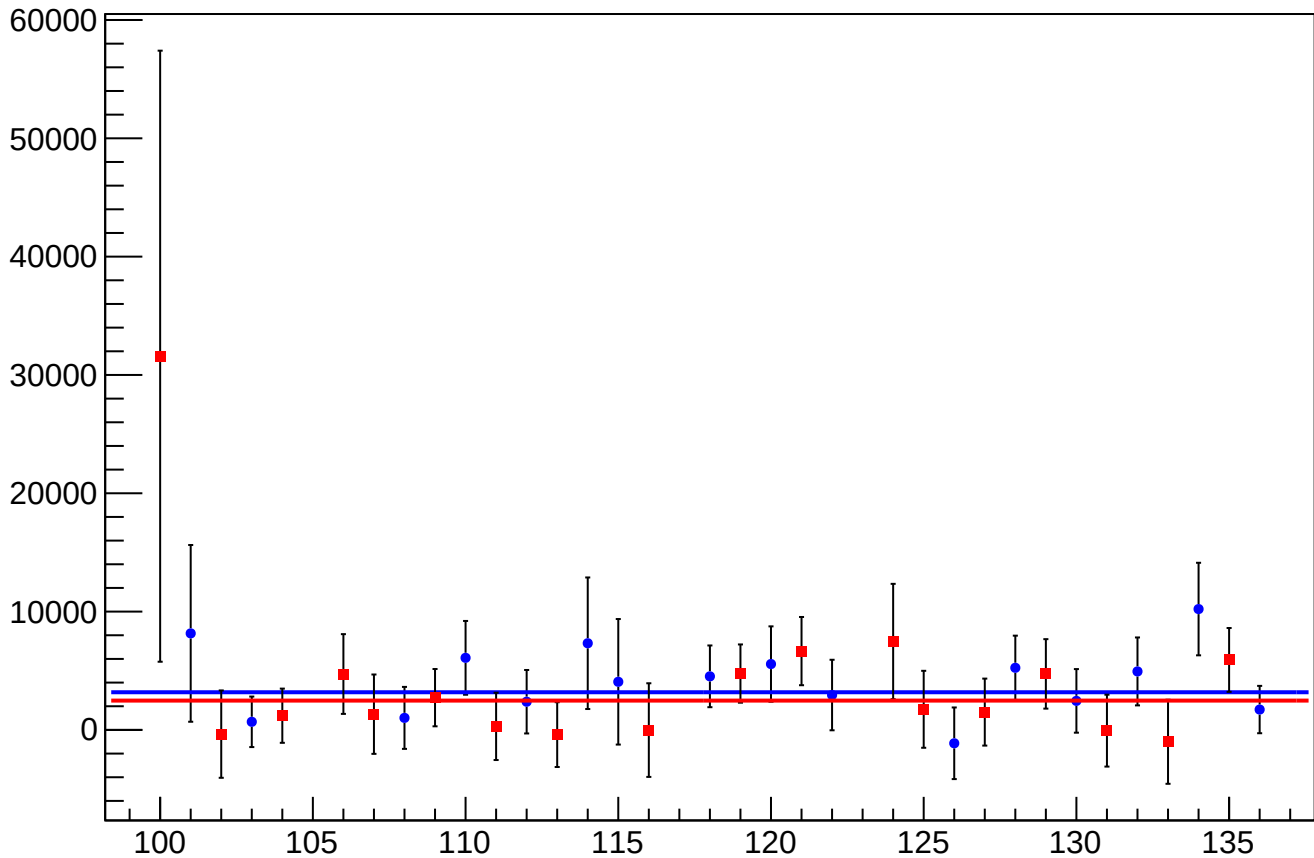
Right: 0.000+/-0.000 χ^2/NDF : 3498029.4/33

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 : 3498029.4/33

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: 2478.482+/-721.330 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

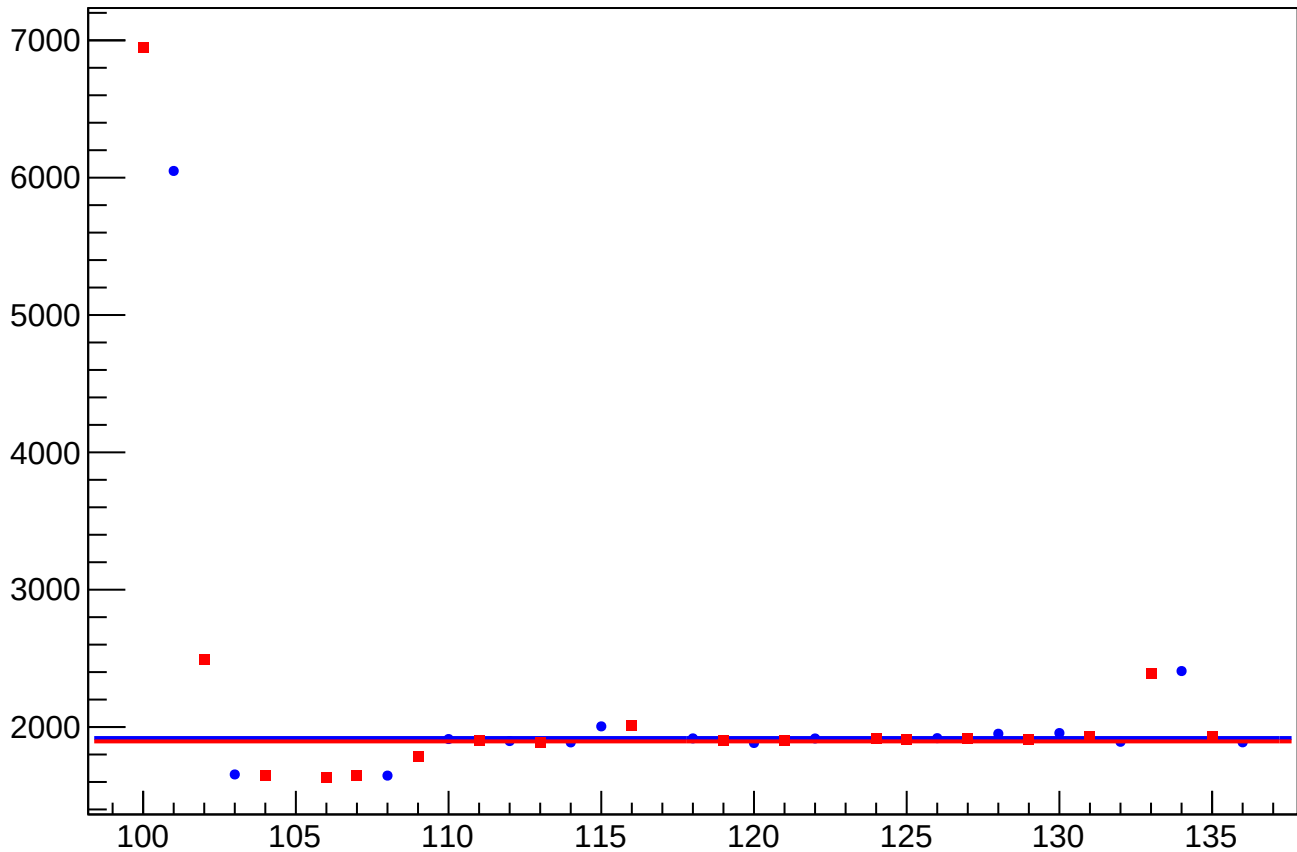
Right: 2826.334+/-513.488 χ^2/NDF : 25.1/33

In: 3183.705+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.334+/-513.488 χ^2/NDF : 25.1/33

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: 1895.533+/-0.508 χ^2/NDF : 222269.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

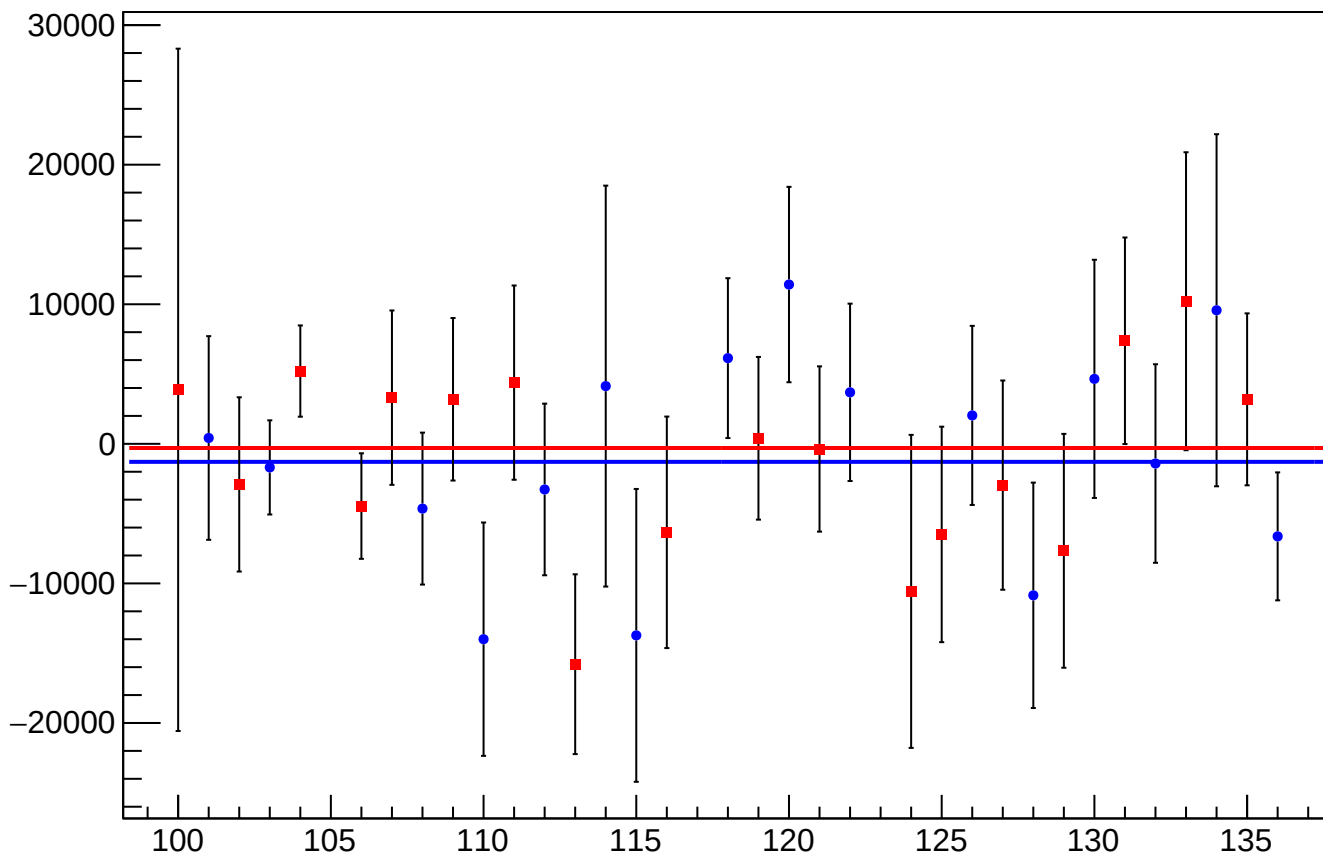
Right: 1907.473+/-0.362 χ^2/NDF : 920724.4/33

In: 1919.827+/-0.517 χ^2/NDF : 697331.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1907.473+/-0.362 χ^2/NDF : 920724.4/33

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: -297.196+/-1453.426 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

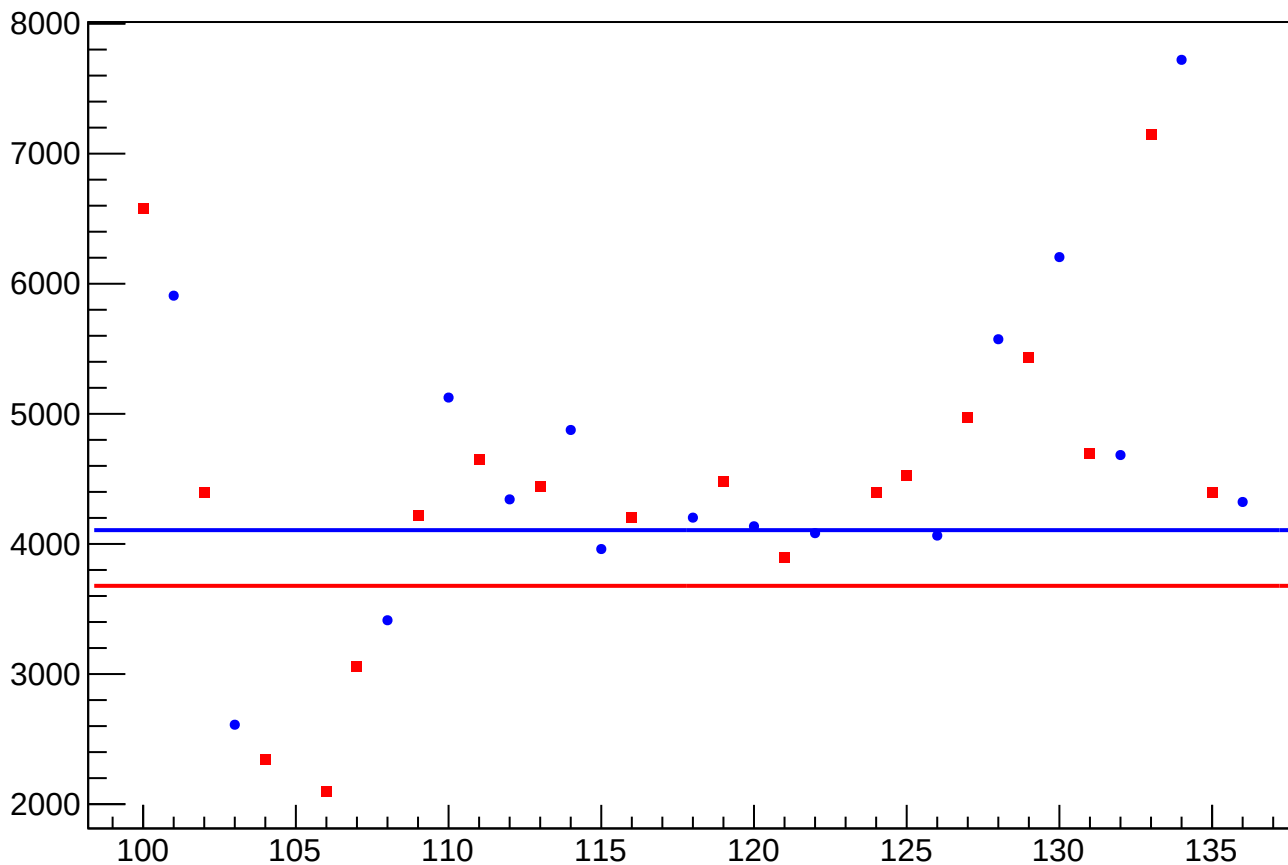
Right: -750.778+/-1071.361 χ^2/NDF : 31.0/33

In: -1290.495+/-1585.432 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.778+/-1071.361 χ^2/NDF : 31.0/33

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: 3678.025+/-1.028 χ^2/NDF : 1346573.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

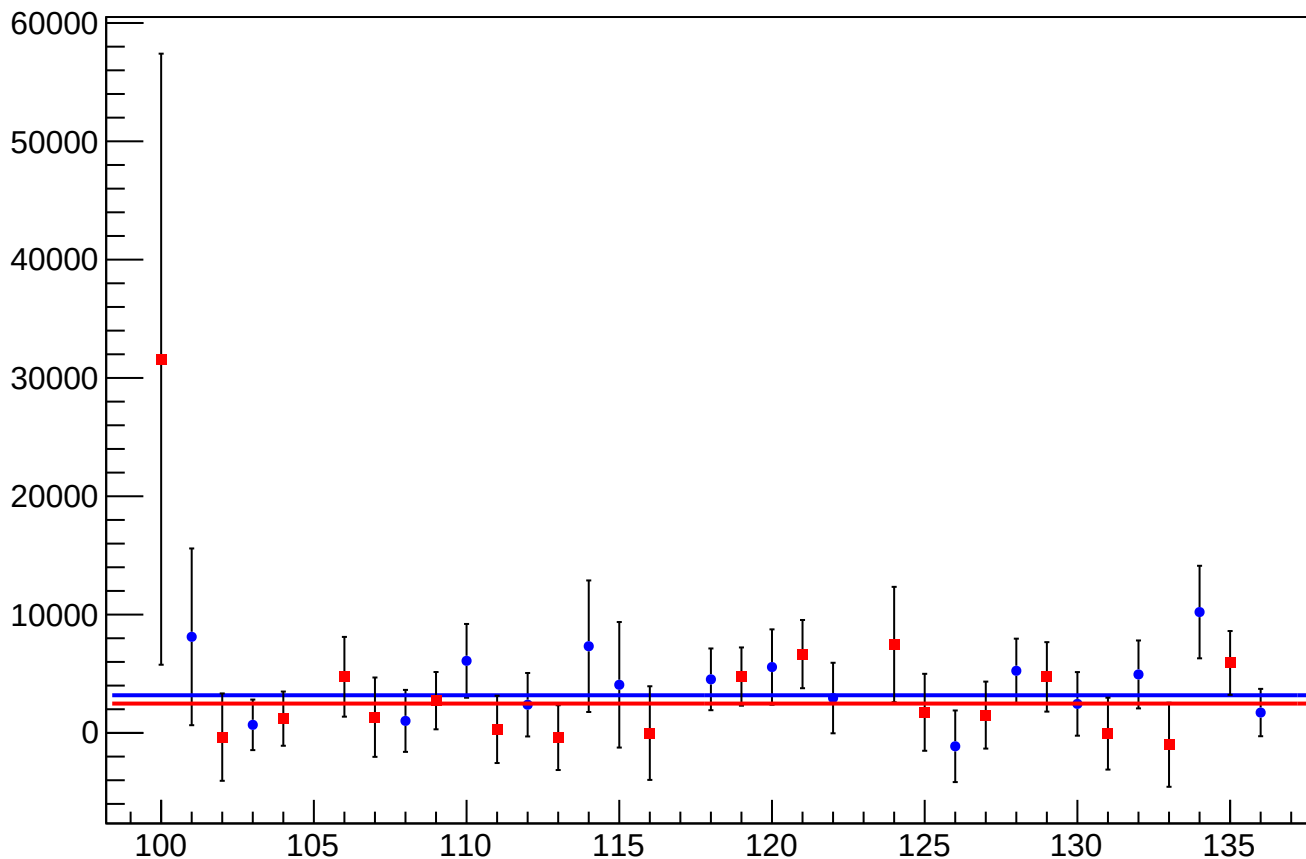
Right: 3873.521+/-0.758 χ^2/NDF : 2381944.5/33

In: 4106.141+/-1.121 χ^2/NDF : 956130.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3873.521+/-0.758 χ^2/NDF : 2381944.5/33

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: 2479.663+/-721.335 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

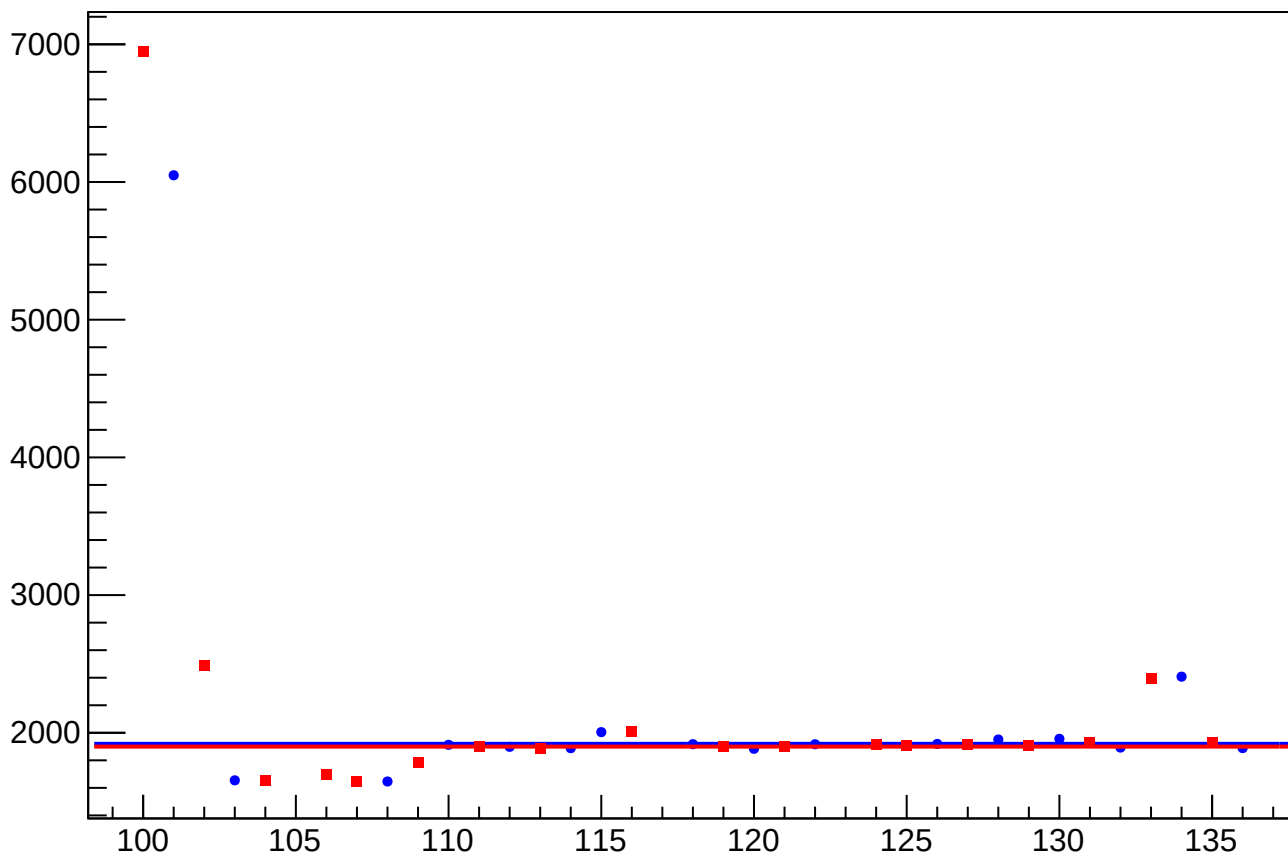
Right: 2826.574+/-513.490 χ^2/NDF : 25.1/33

In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.574+/-513.490 χ^2/NDF : 25.1/33

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: 1899.654+/-0.509 χ^2/NDF : 215642.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

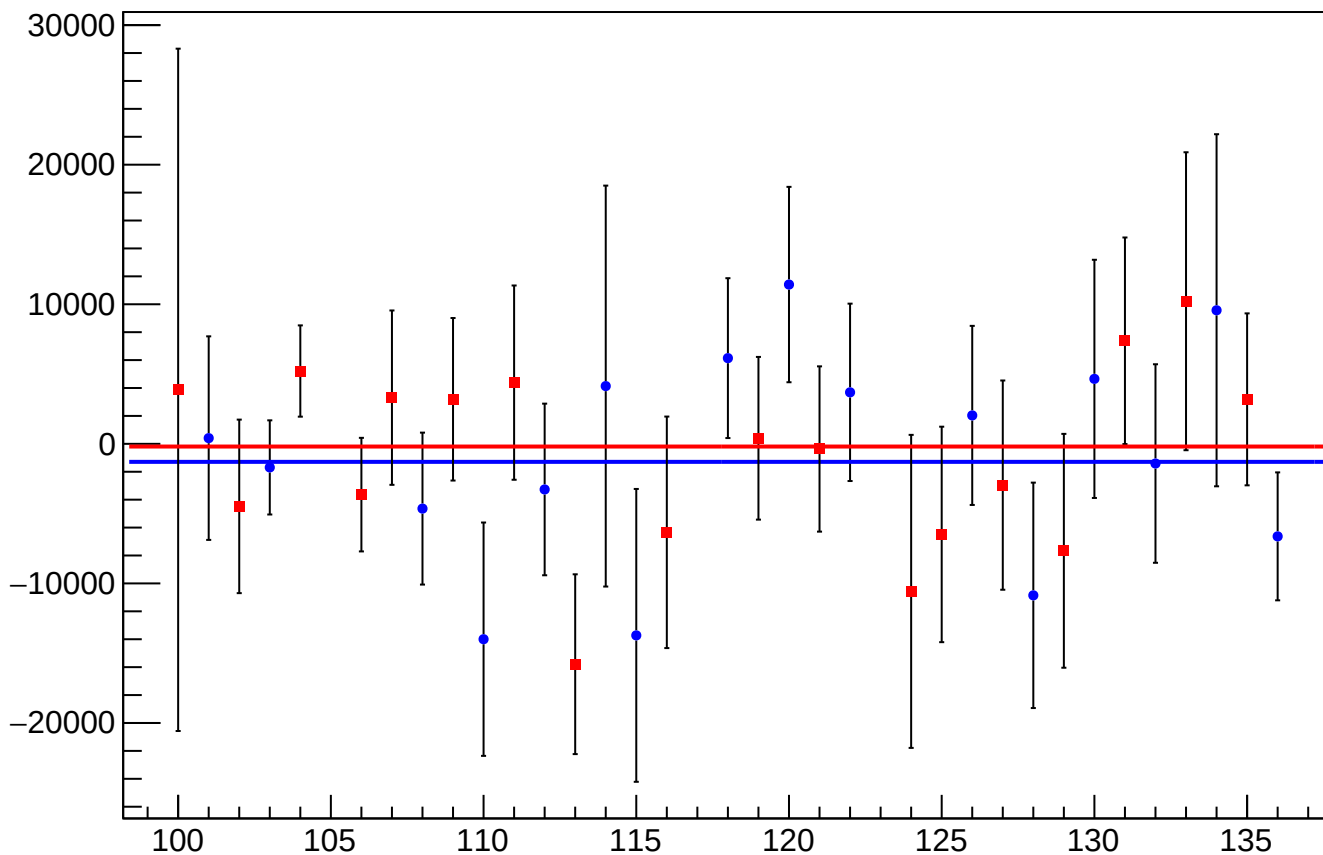
Right: 1909.588+/-0.363 χ^2/NDF : 913746.3/33

In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.588+/-0.363 χ^2/NDF : 913746.3/33

asym_atr_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1290.862+/-1585.435 χ^2/NDF : 14.3/15

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

Right Out: -193.608+/-1467.970 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

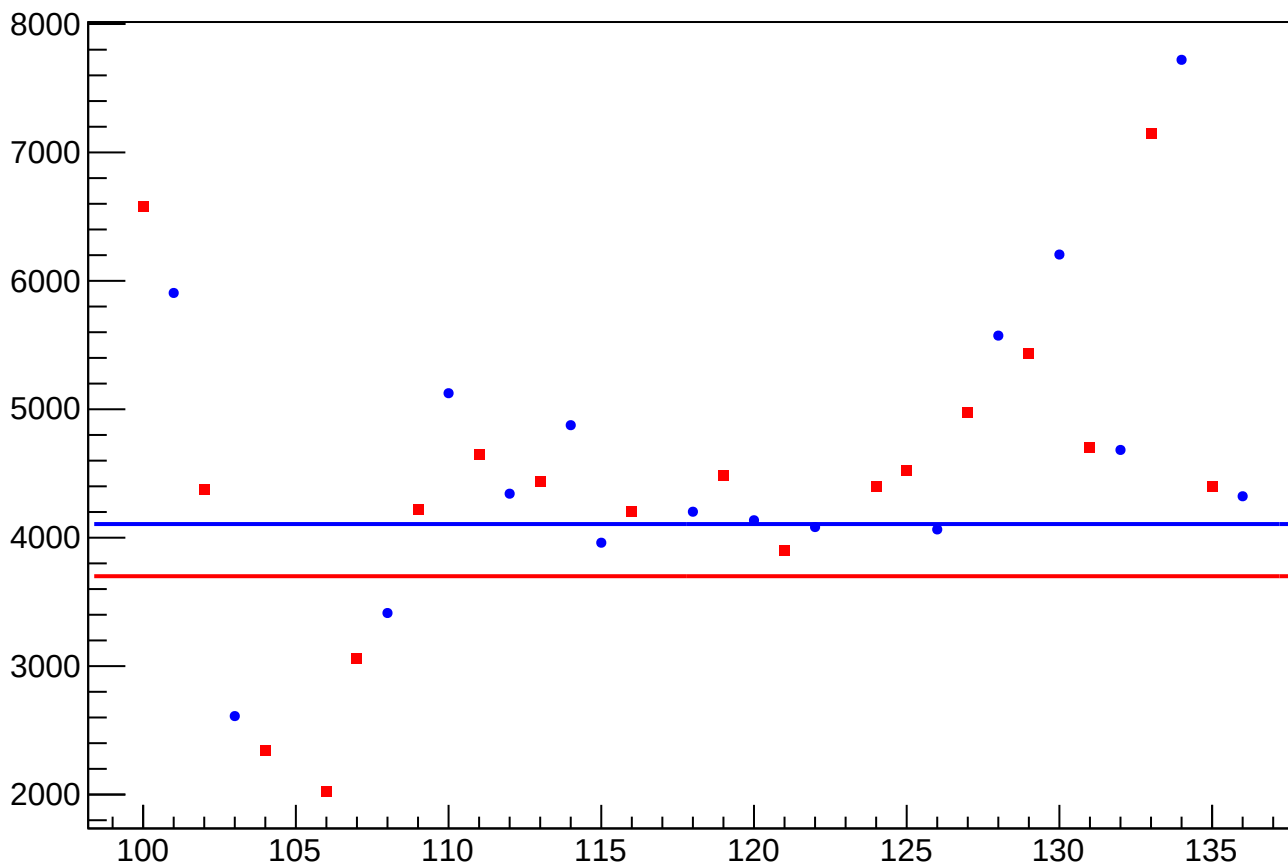
Right: -700.086+/-1077.147 χ^2/NDF : 30.7/33

In: -1290.862+/-1585.435 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -700.086+/-1077.147 χ^2/NDF : 30.7/33

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: 3700.154+/-1.038 χ^2/NDF : 1325664.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

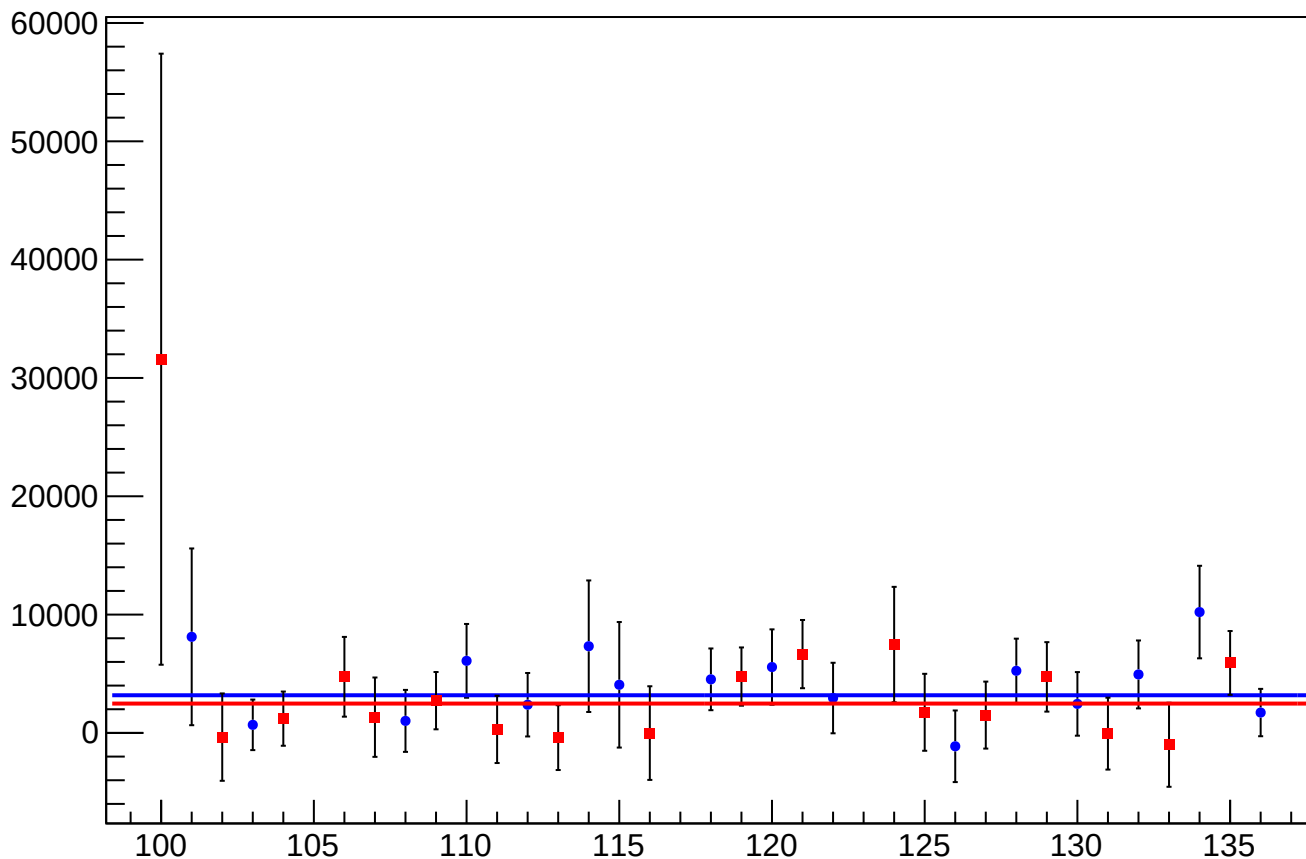
Right: 3887.595+/-0.762 χ^2/NDF : 2351938.9/33

In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3887.595+/-0.762 χ^2/NDF : 2351938.9/33

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: 2479.663+/-721.335 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

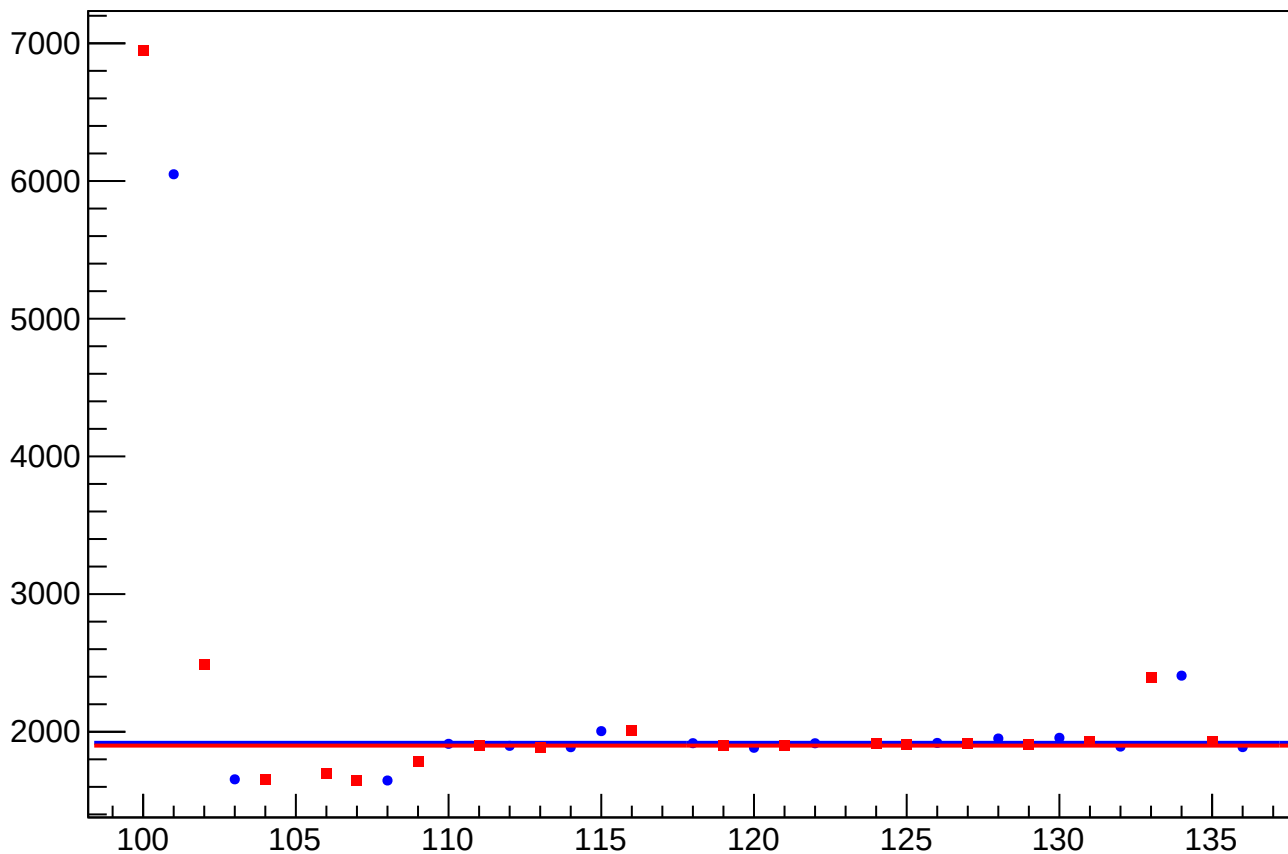
Right: 2826.574+/-513.490 χ^2/NDF : 25.1/33

In: 3182.973+/-731.133 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2826.574+/-513.490 χ^2/NDF : 25.1/33

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: 1899.654+/-0.509 χ^2/NDF : 215642.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

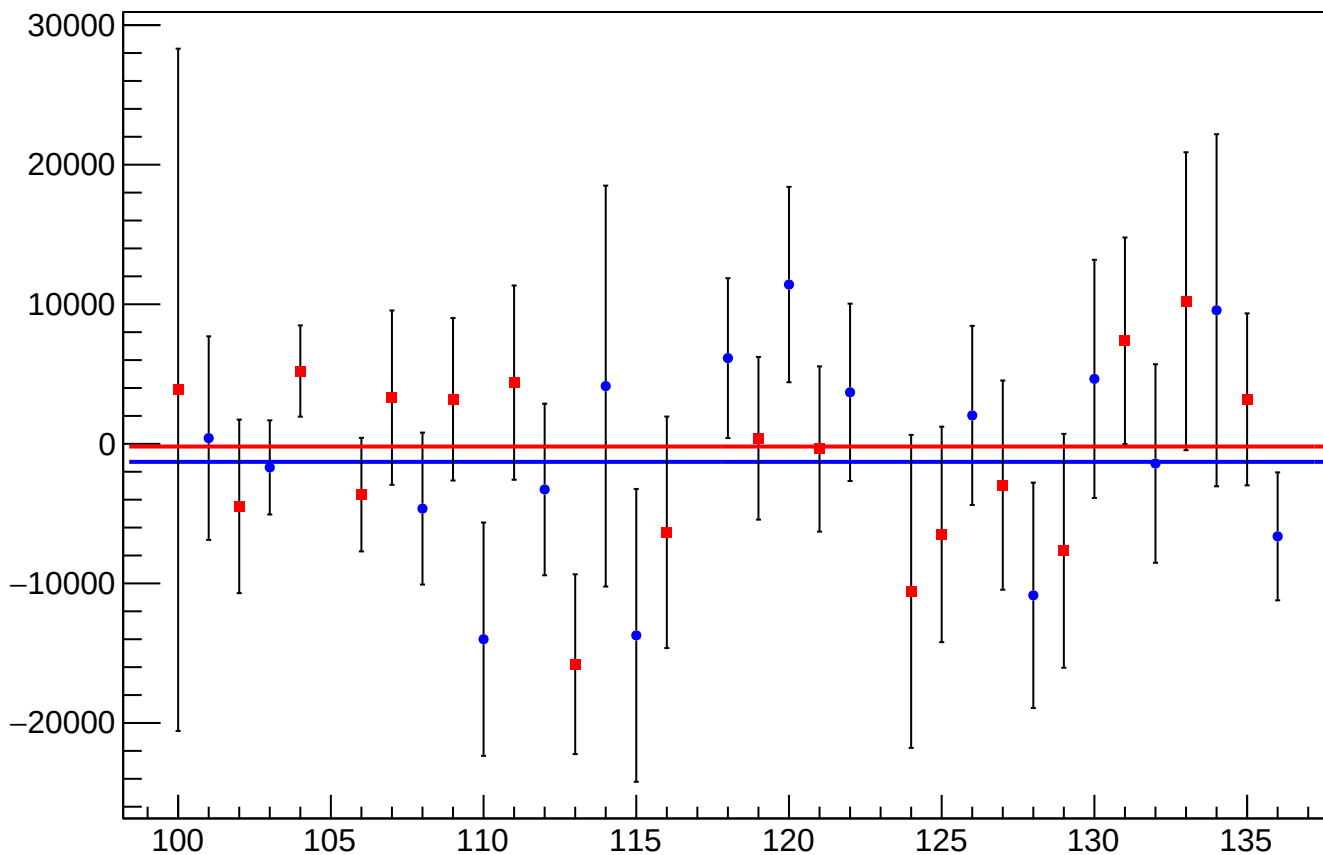
Right: 1909.588+/-0.363 χ^2/NDF : 913746.3/33

In: 1919.827+/-0.517 χ^2/NDF : 697330.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1909.588+/-0.363 χ^2/NDF : 913746.3/33

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: -193.608 $\pm$ 1467.970 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

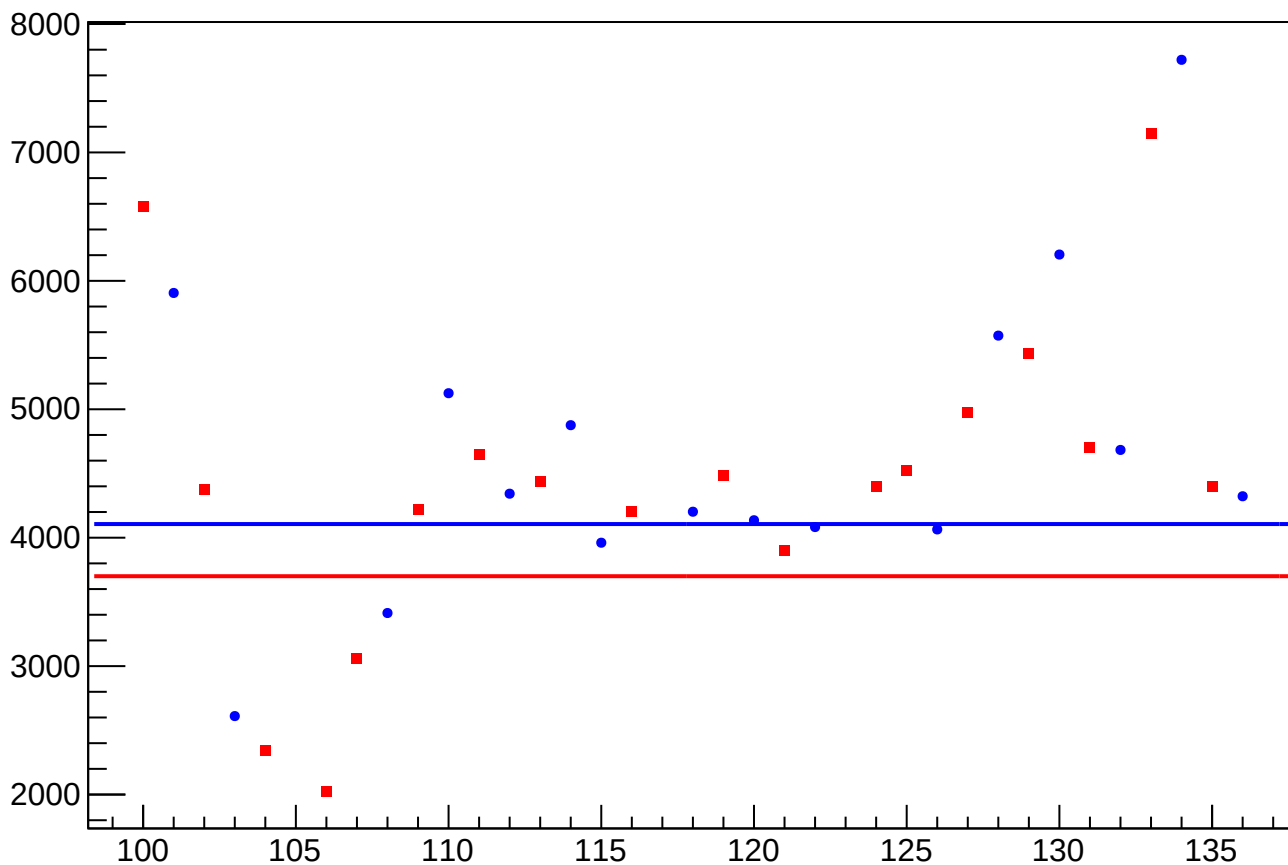
Right: -700.086 $\pm$ 1077.147 χ^2 /NDF: 30.7/33

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: -700.086 $\pm$ 1077.147 χ^2 /NDF: 30.7/33

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: 3700.154+/-1.038 χ^2/NDF : 1325664.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

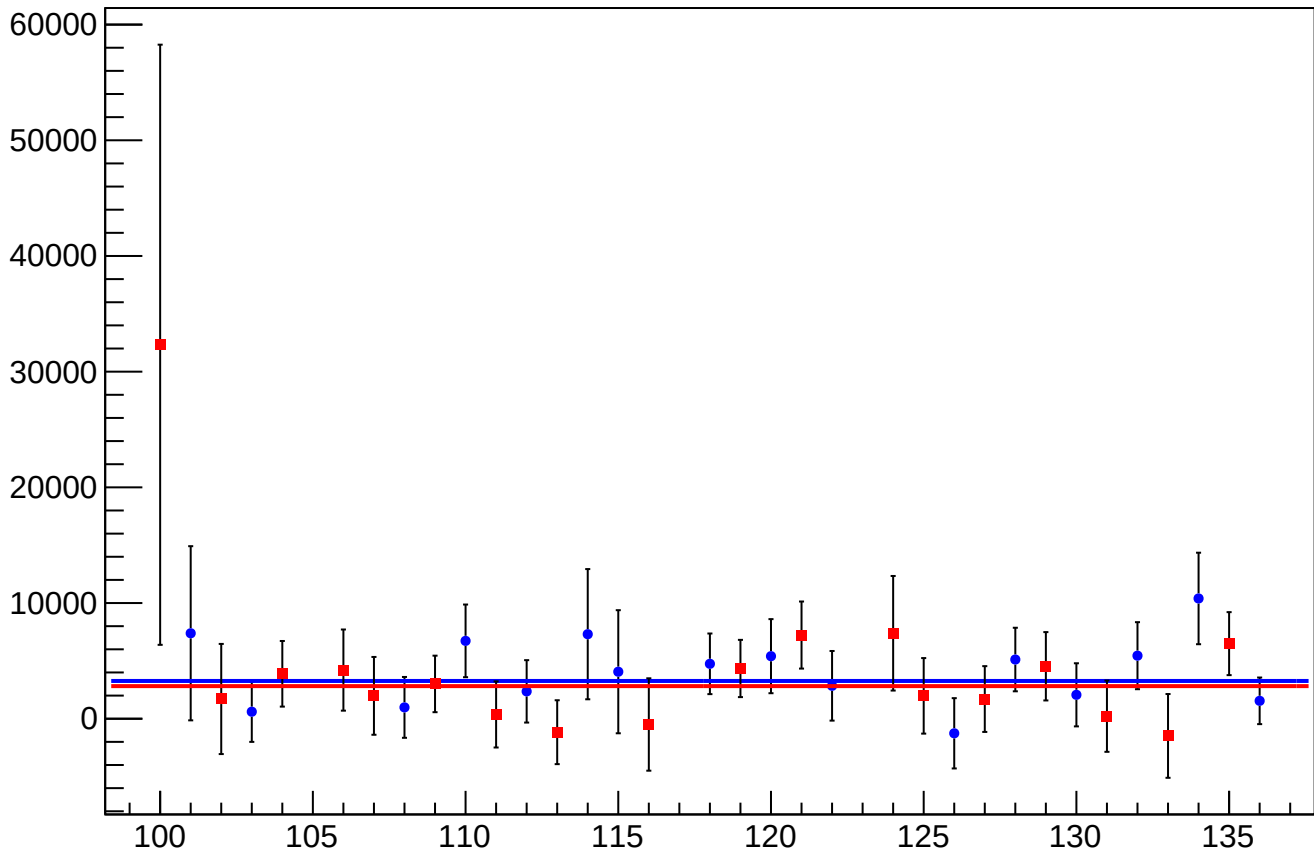
Right: 3887.595+/-0.762 χ^2/NDF : 2351938.9/33

In: 4106.234+/-1.121 χ^2/NDF : 955631.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3887.595+/-0.762 χ^2/NDF : 2351938.9/33

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: 2818.534+/-746.295 χ^2/NDF : 13.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

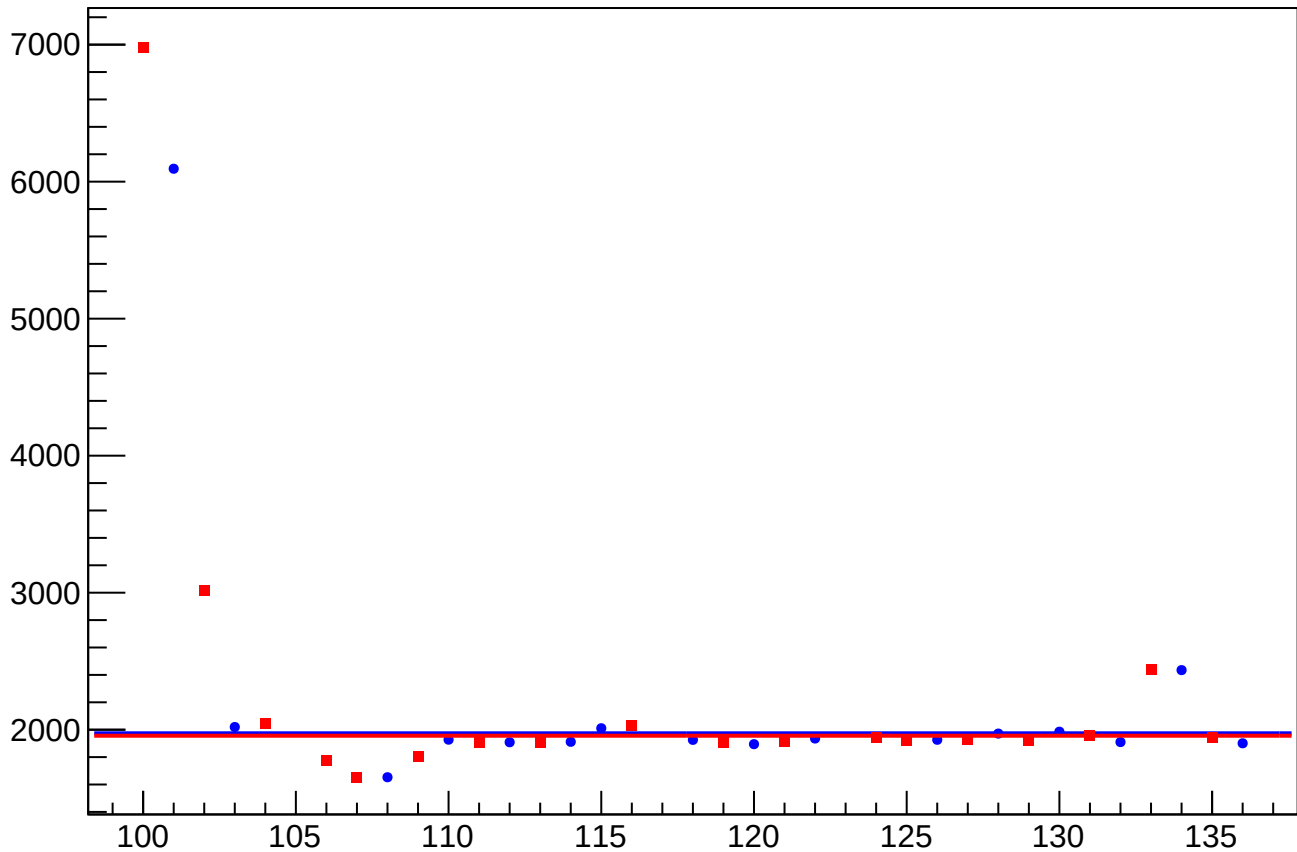
Right: 3040.225+/-529.319 χ^2/NDF : 25.6/33

In: 3264.639+/-750.865 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3040.225+/-529.319 χ^2/NDF : 25.6/33

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: 1956.098+/-0.527 χ^2 /NDF: 245844.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

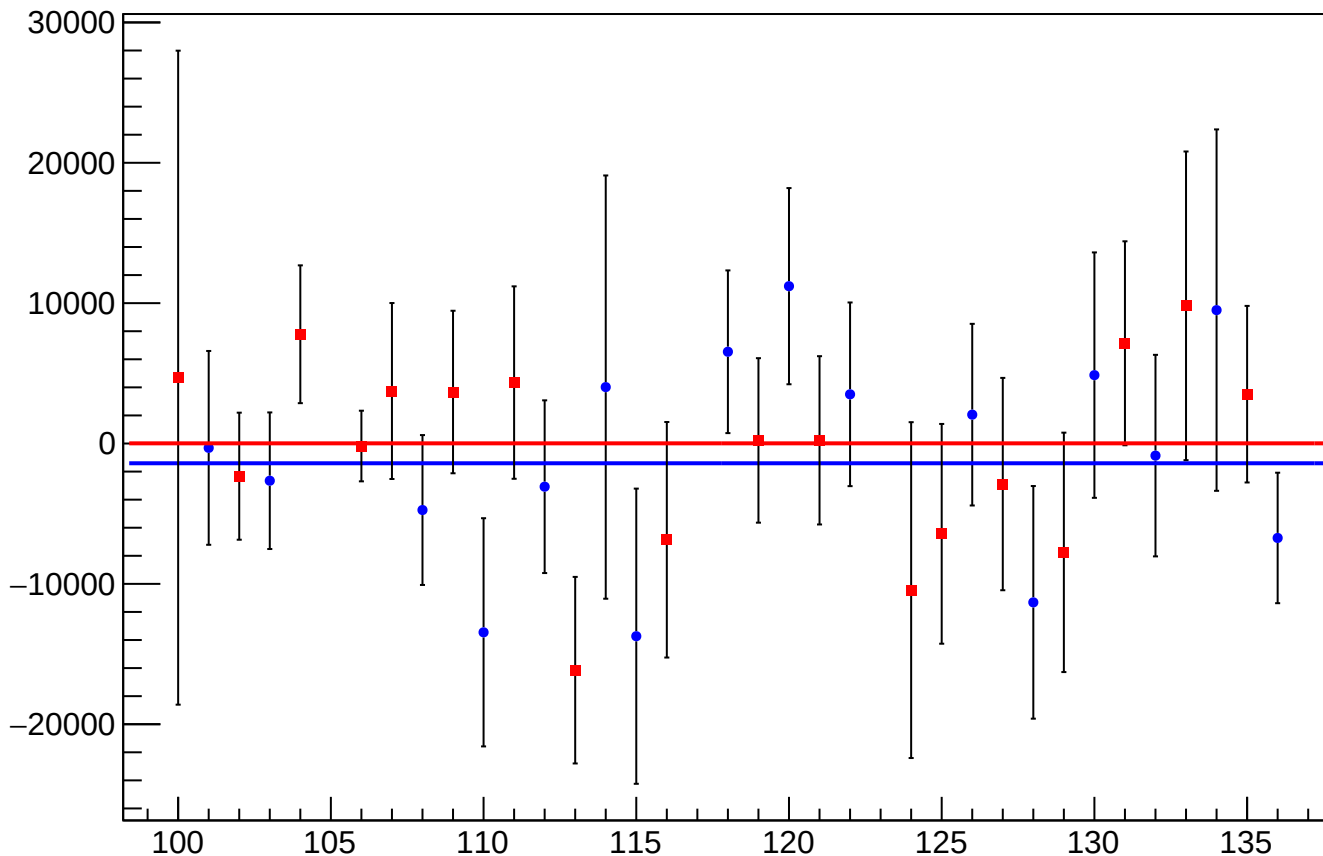
Right: 1964.861+/-0.374 χ^2 /NDF: 911524.9/33

In: 1973.748+/-0.531 χ^2 /NDF:665124.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1964.861+/-0.374 χ^2 /NDF: 911524.9/33

asym_atr_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1407.382 ± 1689.989 $\chi^2/\text{NDF}: 14.2/15$

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

Right Out: 12.301 ± 1376.904 $\chi^2/\text{NDF}: 15.0/17$

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

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

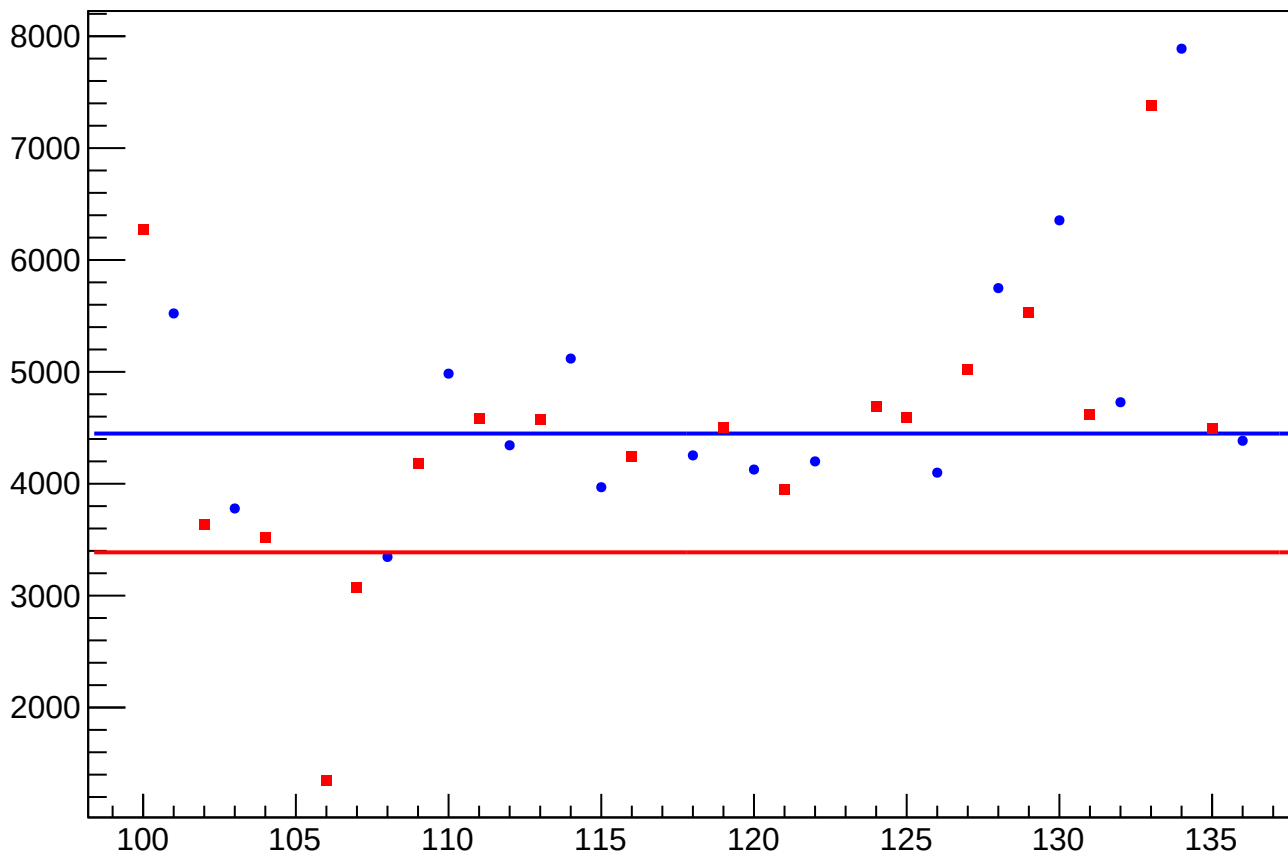
Right: -554.107 ± 1067.463 $\chi^2/\text{NDF}: 29.7/33$

In: -1407.382 ± 1689.989 $\chi^2/\text{NDF}: 14.2/15$

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

All: -554.107 ± 1067.463 $\chi^2/\text{NDF}: 29.7/33$

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: 3387.112+/-0.974 χ^2/NDF : 2304013.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

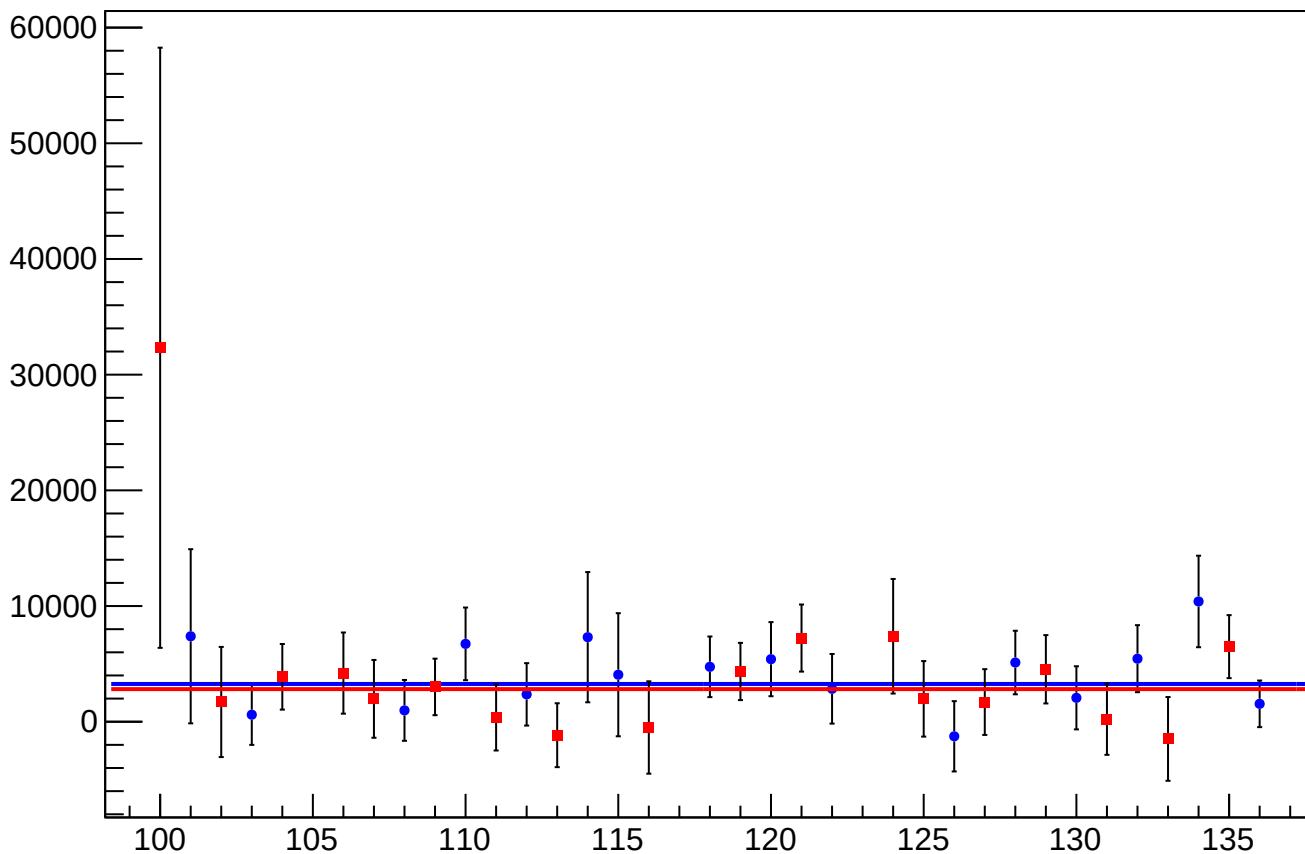
Right: 3810.655+/-0.755 χ^2/NDF : 3272958.0/33

In: 4448.711+/-1.195 χ^2/NDF :494613.5/15

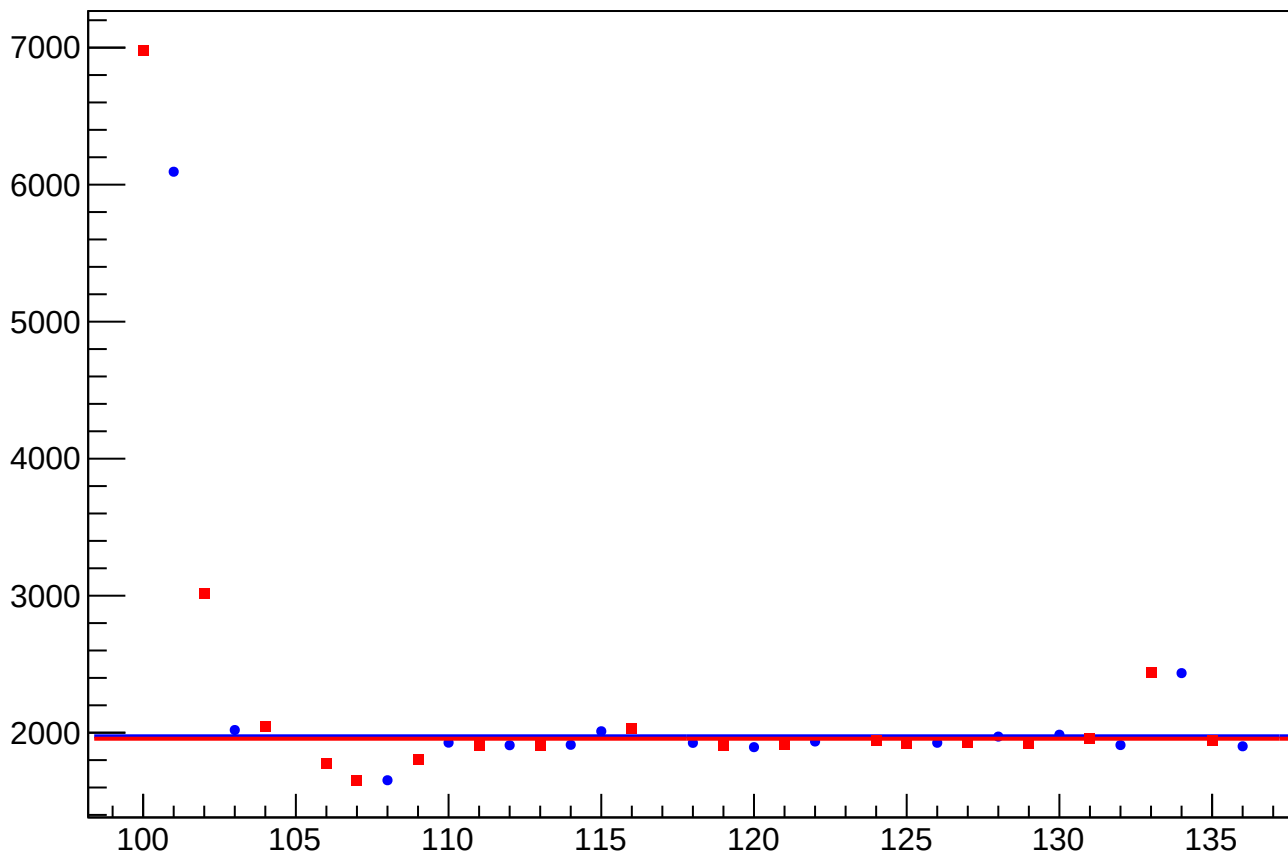
Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3810.655+/-0.755 χ^2/NDF : 3272958.0/33

eigen_dit_asym_atr_avg_mean vs Slug, Sign Corrected



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: 1956.097+/-0.527 χ^2/NDF : 245843.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

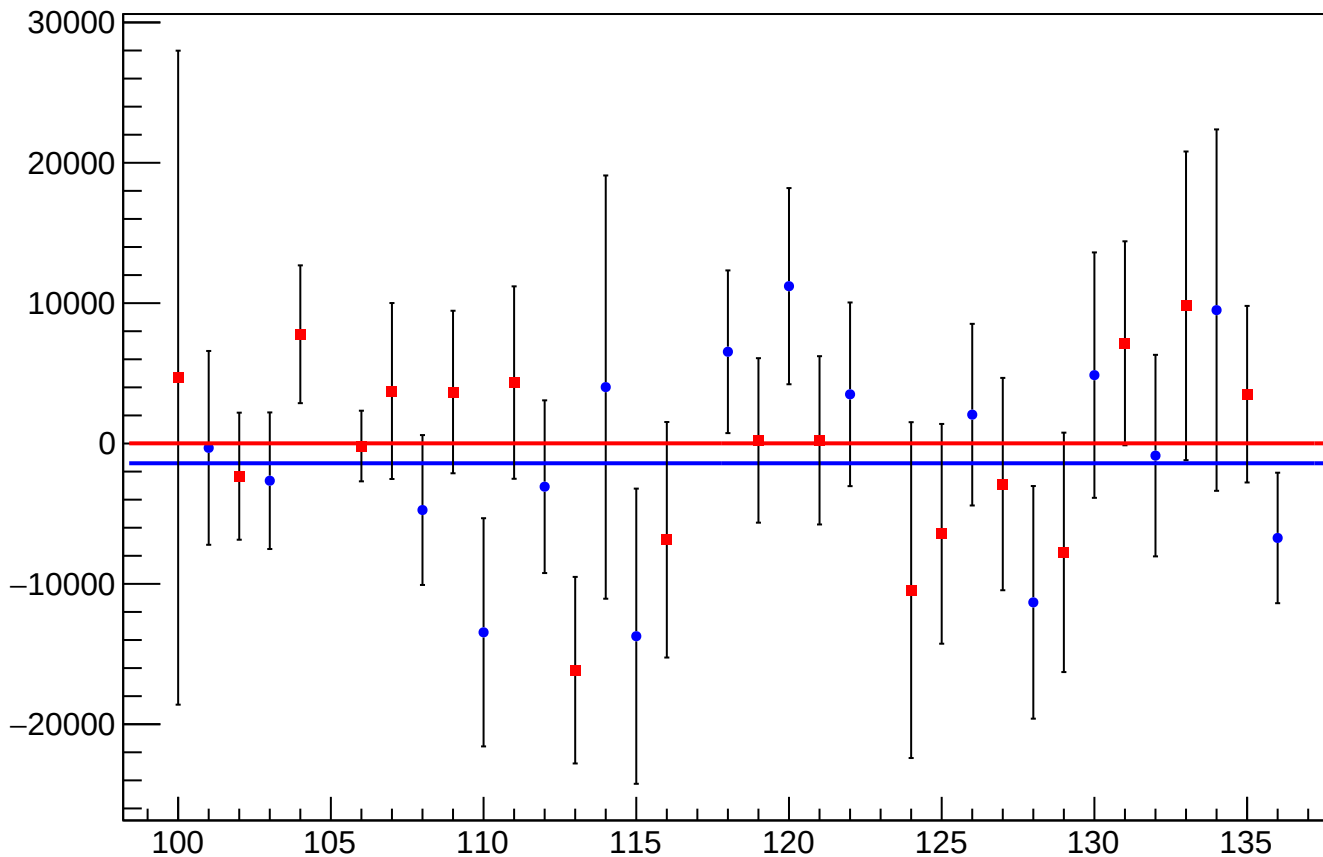
Right: 1964.861+/-0.374 χ^2/NDF : 911524.4/33

In: 1973.748+/-0.531 χ^2/NDF : 665124.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1964.861+/-0.374 χ^2/NDF : 911524.4/33

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: 12.299+/-1376.901 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

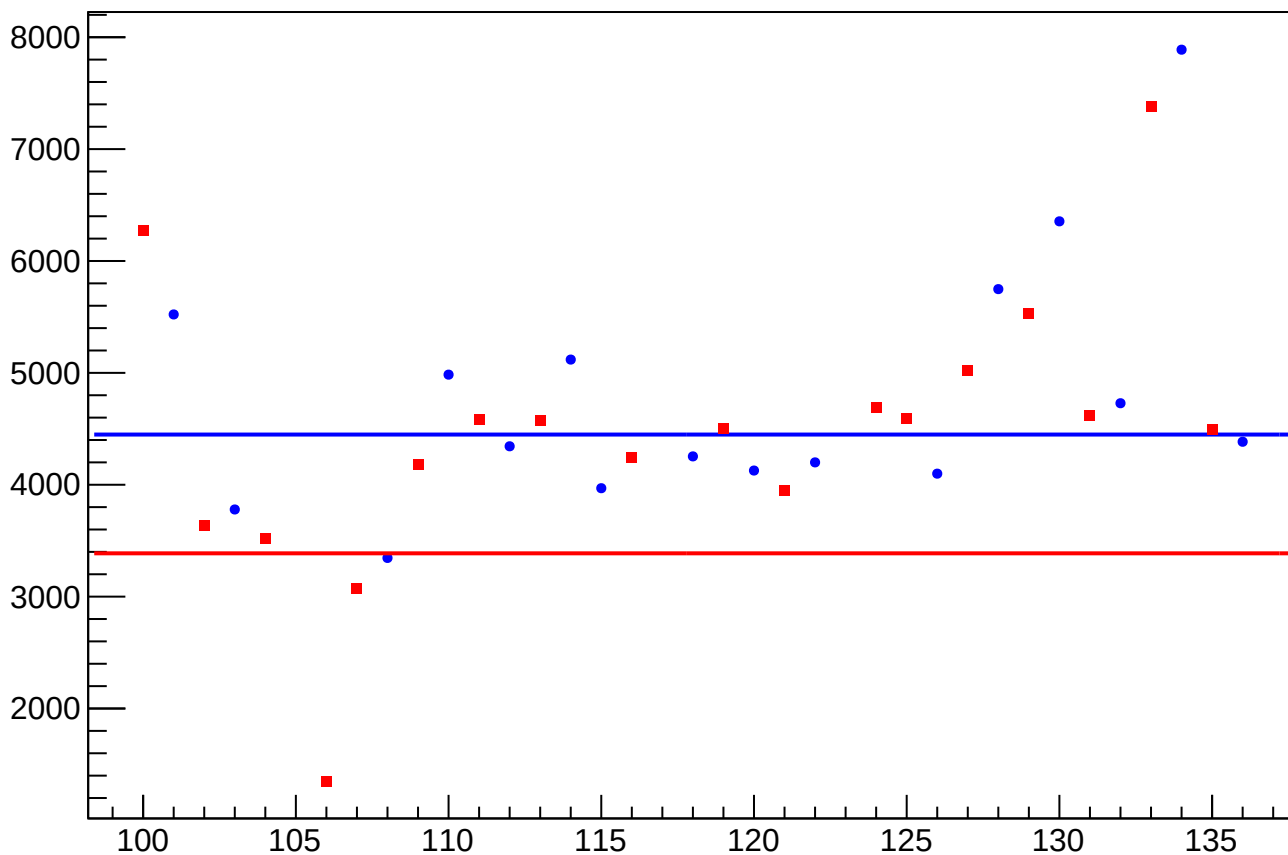
Right: -554.100+/-1067.460 χ^2/NDF : 29.7/33

In: -1407.363+/-1689.986 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -554.100+/-1067.460 χ^2/NDF : 29.7/33

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: 3387.103+/-0.974 χ^2/NDF : 2304016.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

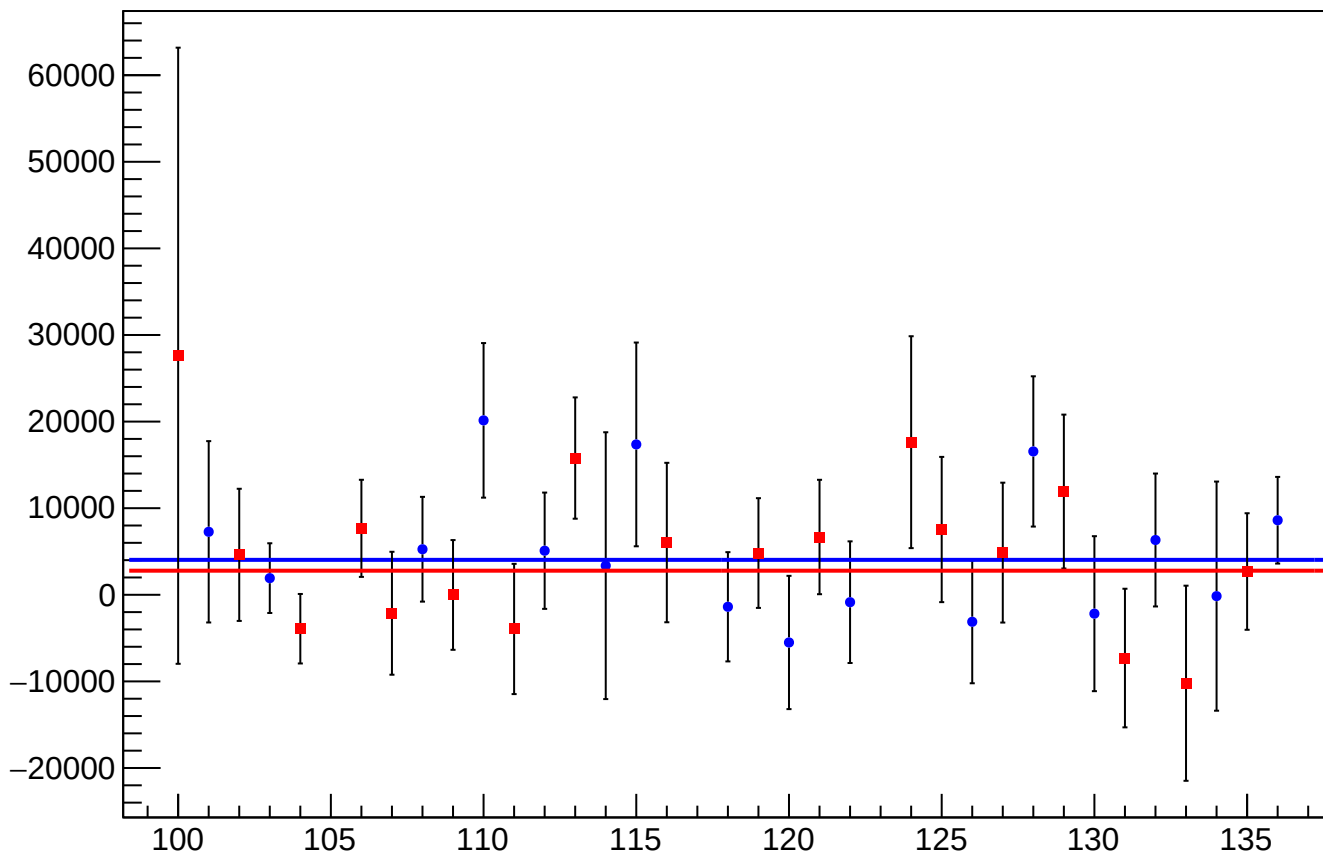
Right: 3810.647+/-0.755 χ^2/NDF : 3272961.0/33

In: 4448.704+/-1.195 χ^2/NDF : 494610.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3810.647+/-0.755 χ^2/NDF : 3272961.0/33

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: 2783.306+/-1693.085 χ^2/NDF : 15.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

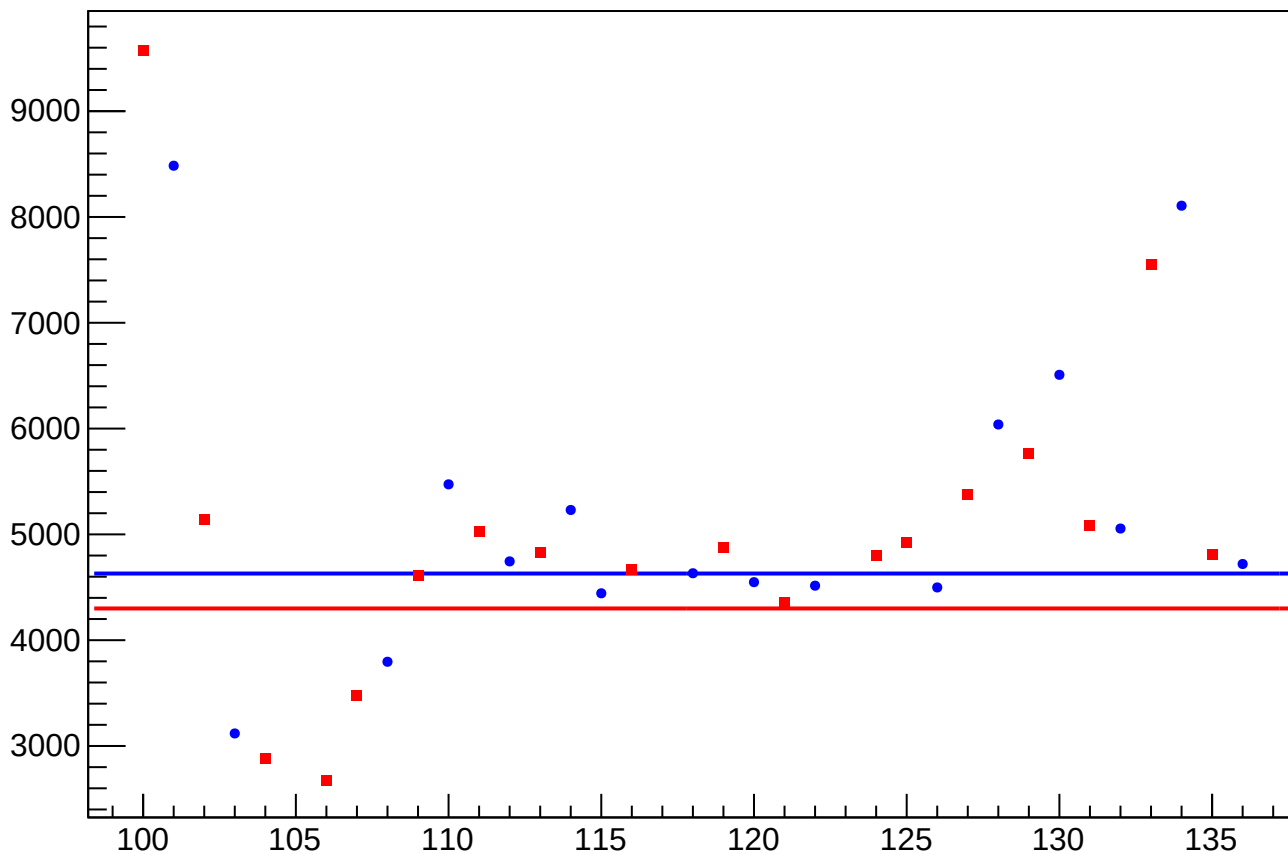
Right: 3376.934+/-1227.432 χ^2/NDF : 28.0/33

In: 4034.572+/-1782.030 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3376.934+/-1227.432 χ^2/NDF : 28.0/33

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: 4299.767+/-1.187 χ^2/NDF : 900930.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

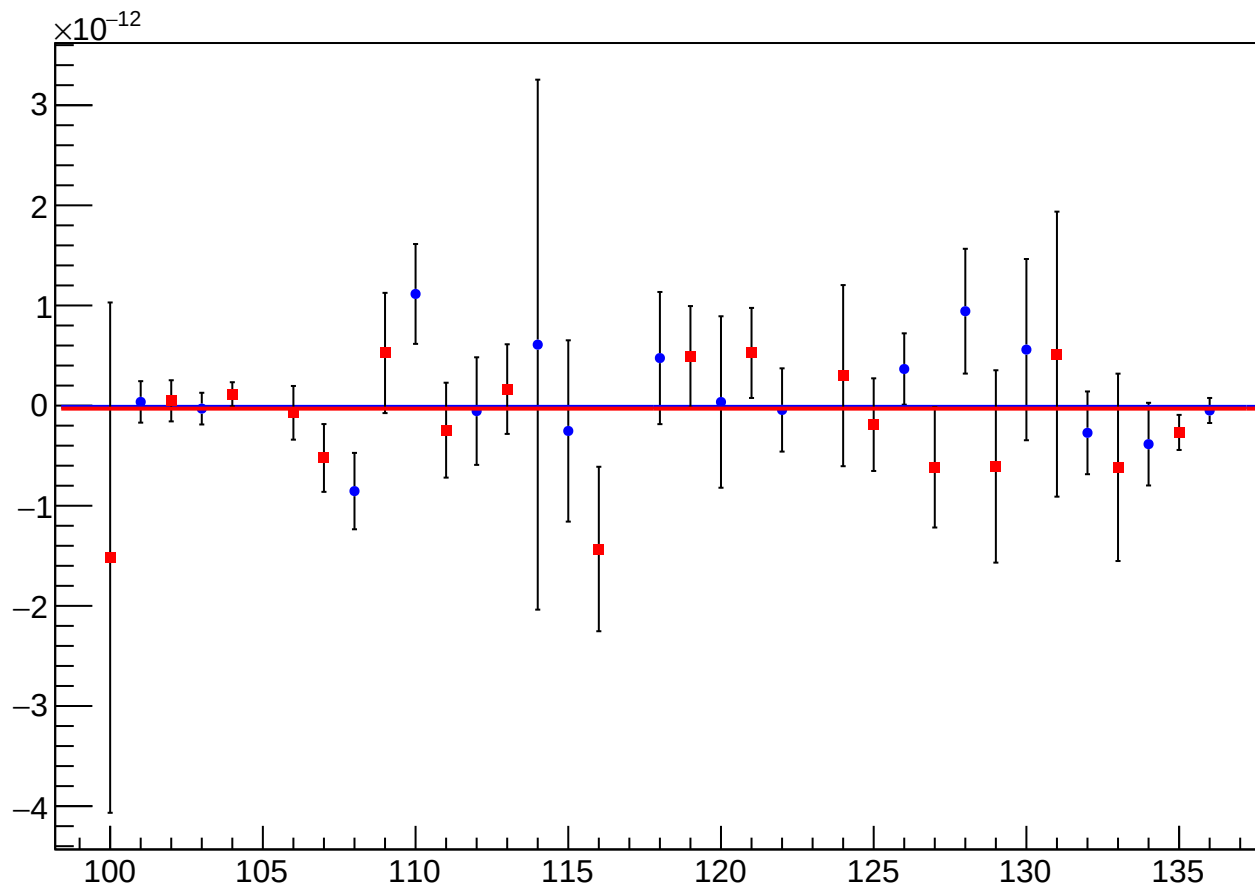
Right: 4454.955+/-0.864 χ^2/NDF : 1837572.2/33

In: 4629.967+/-1.260 χ^2/NDF :900246.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4454.955+/-0.864 χ^2/NDF : 1837572.2/33

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: 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

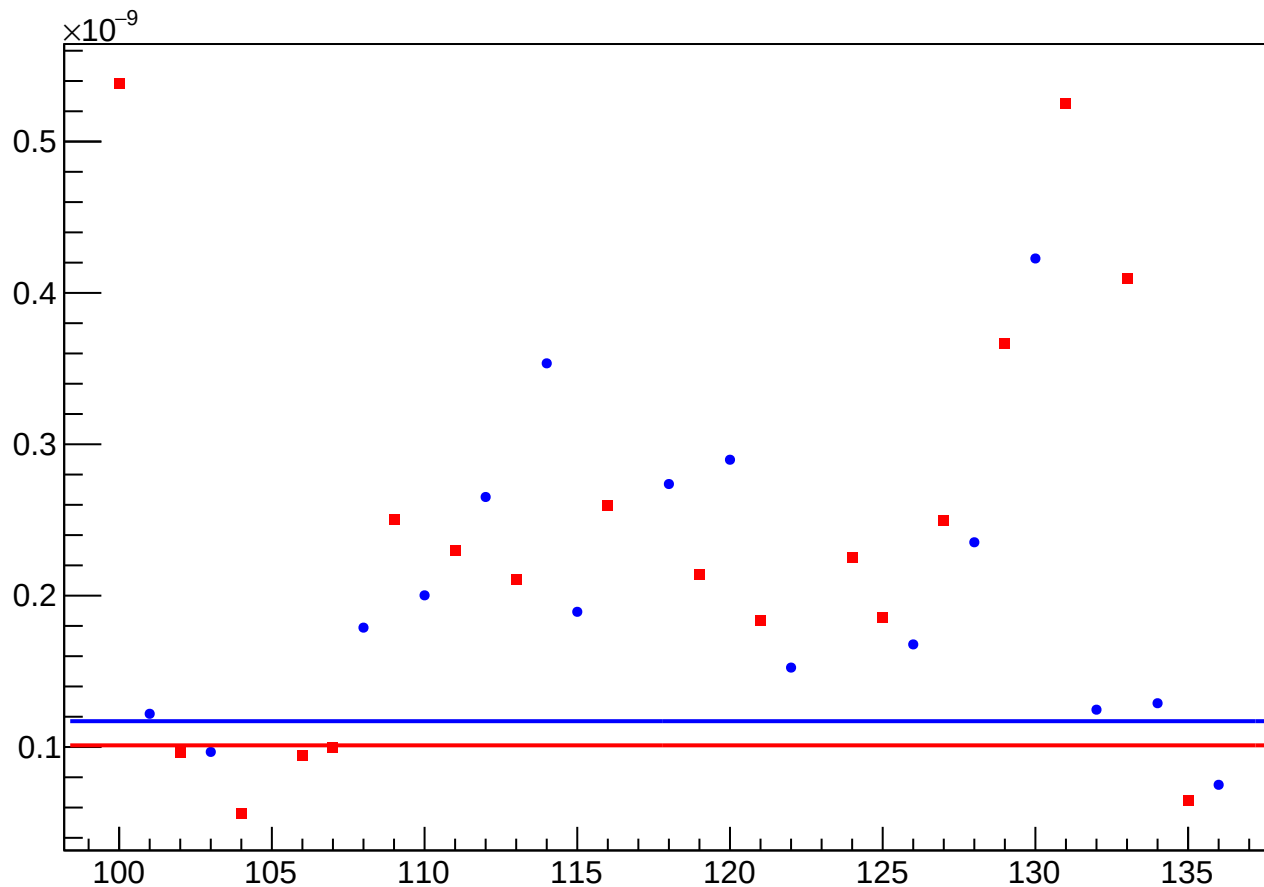
Right: -0.000+/-0.000 χ^2 /NDF: 30.6/33

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: 30.6/33

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 : 1832818.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

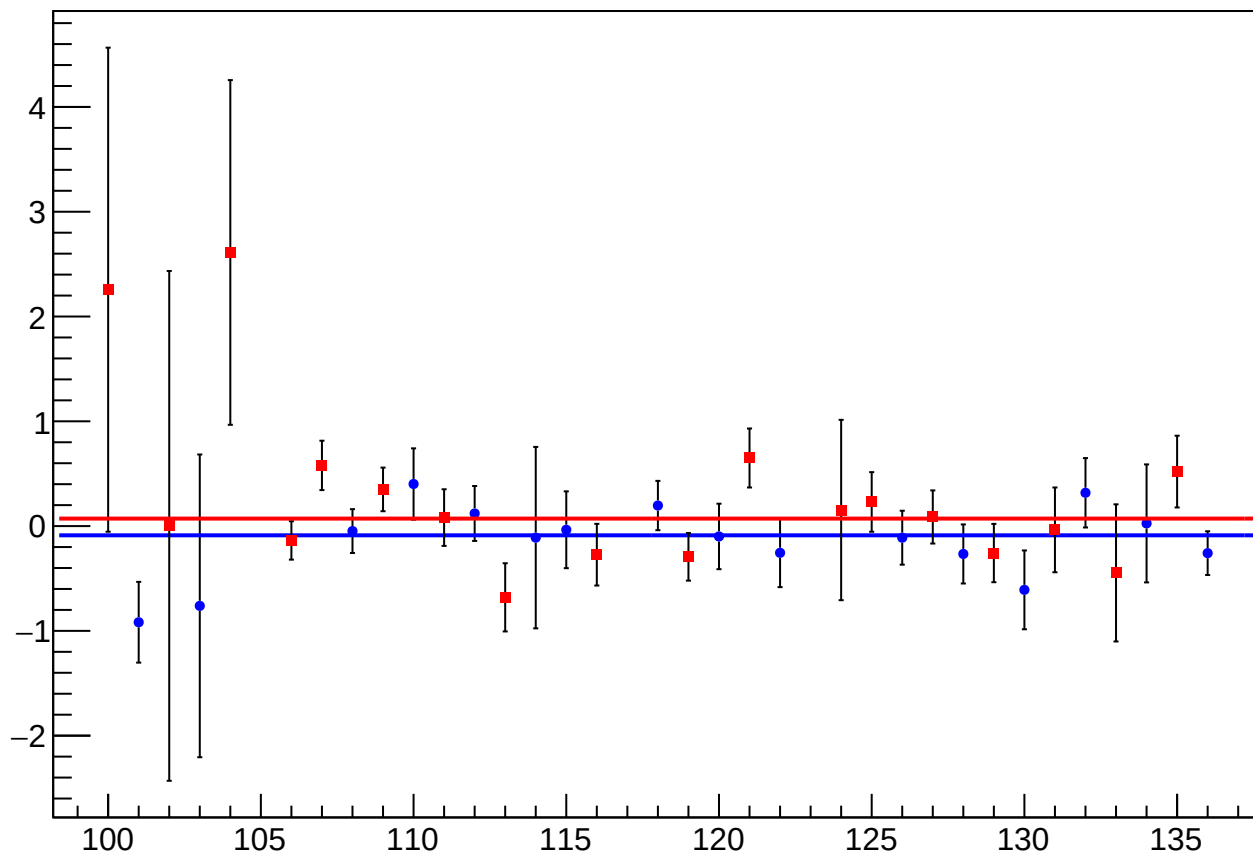
Right: 0.000+/-0.000 χ^2/NDF : 2978786.2/33

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 : 2978786.2/33

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 ± 0.071 χ^2/NDF : 28.7/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

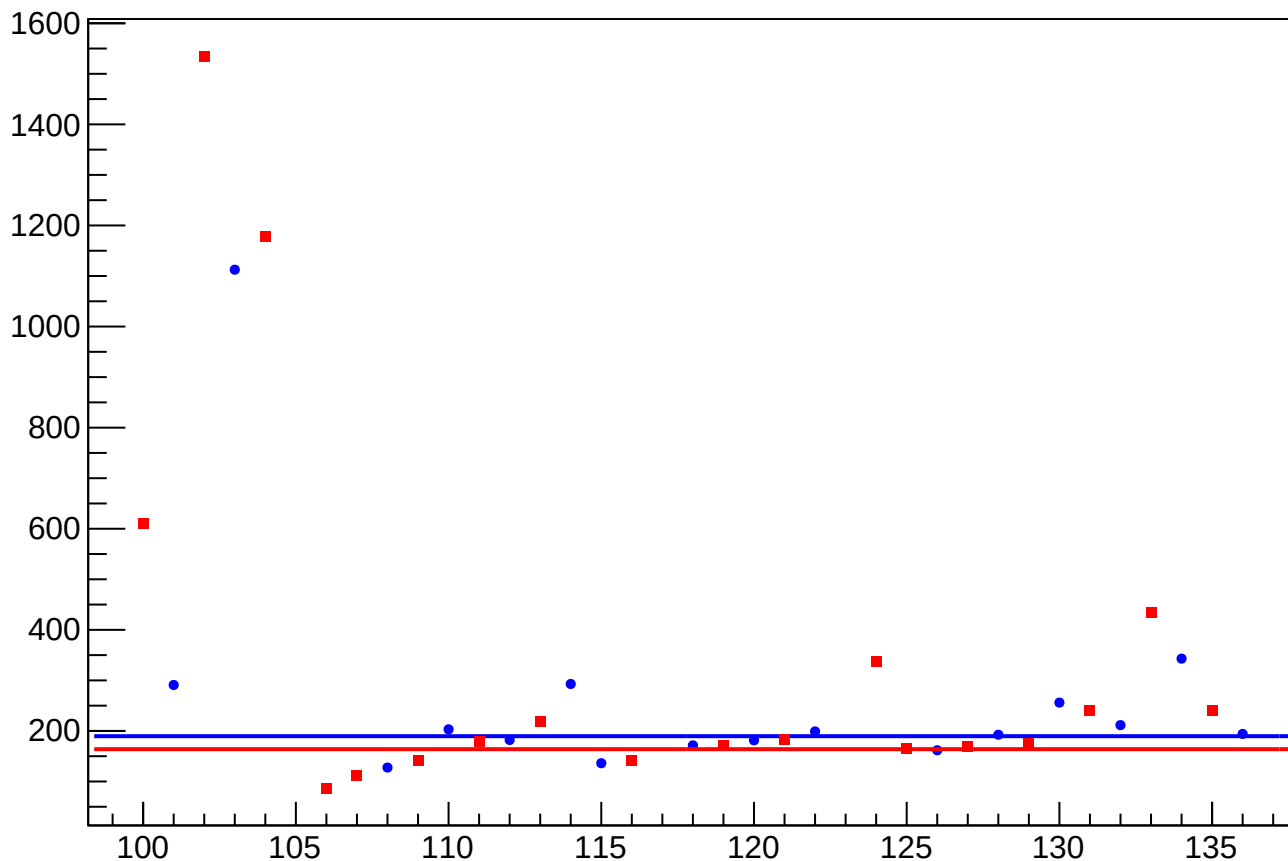
Right: -0.002 ± 0.052 χ^2/NDF : 44.8/33

In: -0.088 ± 0.077 χ^2/NDF : 13.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.002 ± 0.052 χ^2/NDF : 44.8/33

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: 163.915+/-0.050 χ^2/NDF : 2641777.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

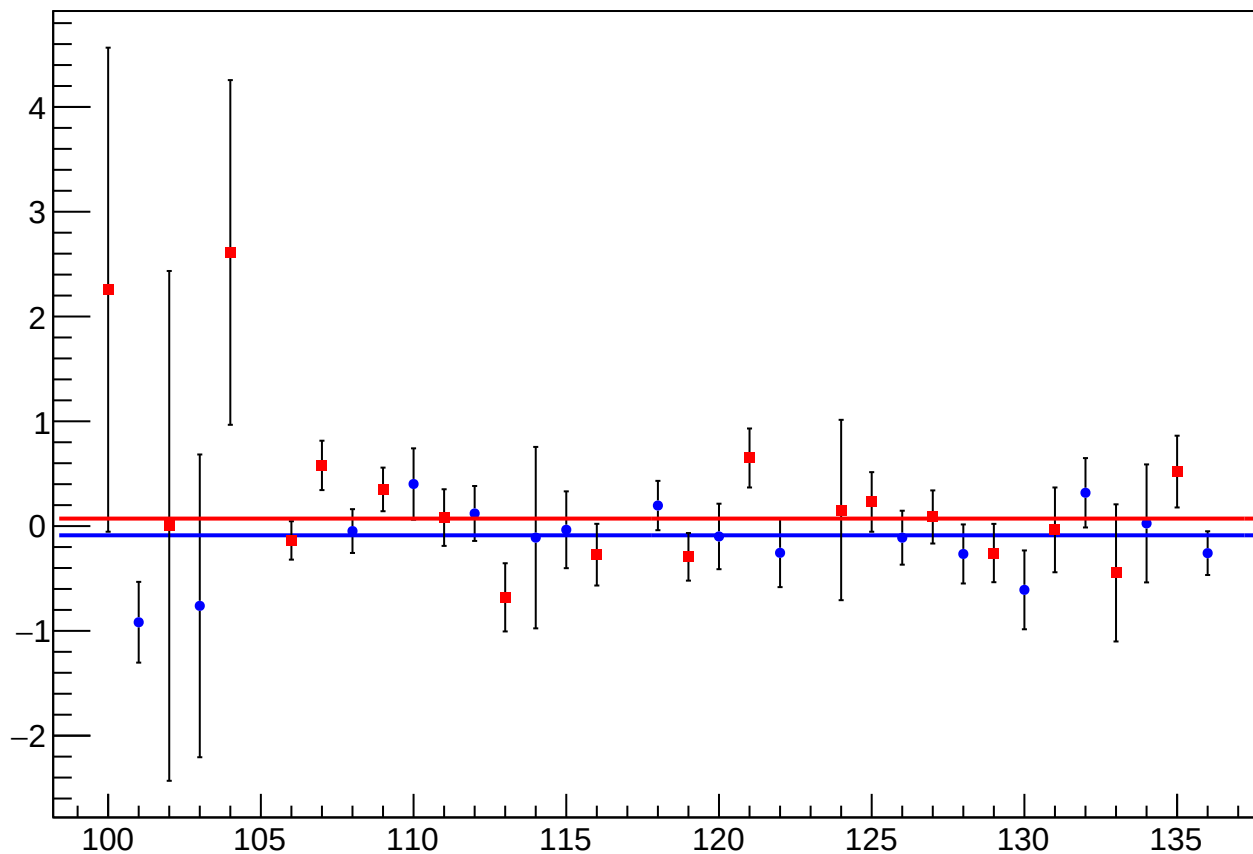
Right: 175.798+/-0.037 χ^2/NDF : 4227941.7/33

In: 189.628+/-0.054 χ^2/NDF : 1465476.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.798+/-0.037 χ^2/NDF : 4227941.7/33

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+/-0.071 χ^2/NDF : 28.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

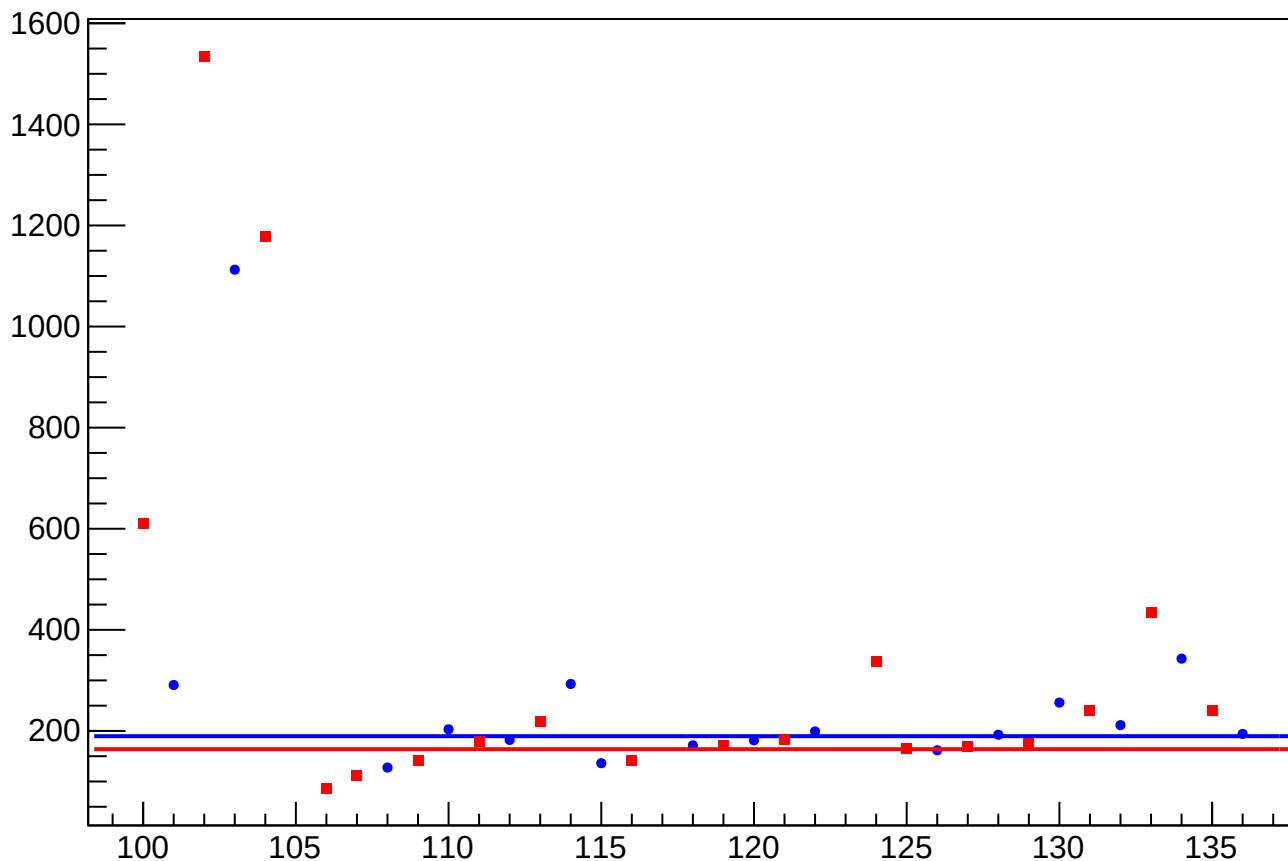
Right: -0.002+/-0.052 χ^2/NDF : 44.8/33

In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.052 χ^2/NDF : 44.8/33

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: 163.915+/-0.050 χ^2/NDF : 2641777.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

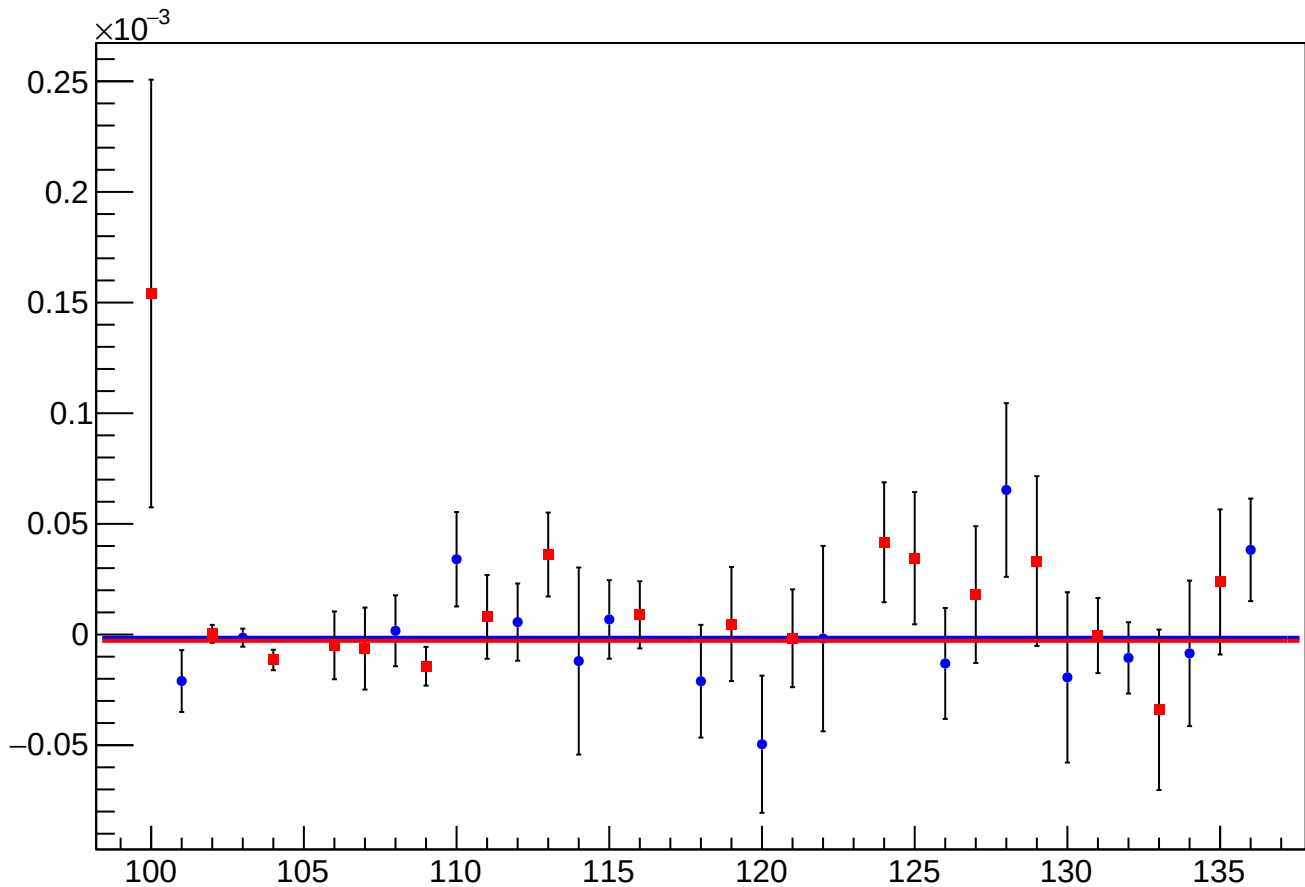
Right: 175.798+/-0.037 χ^2/NDF : 4227941.7/33

In: 189.628+/-0.054 χ^2/NDF :1465476.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.798+/-0.037 χ^2/NDF : 4227941.7/33

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 : 20.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

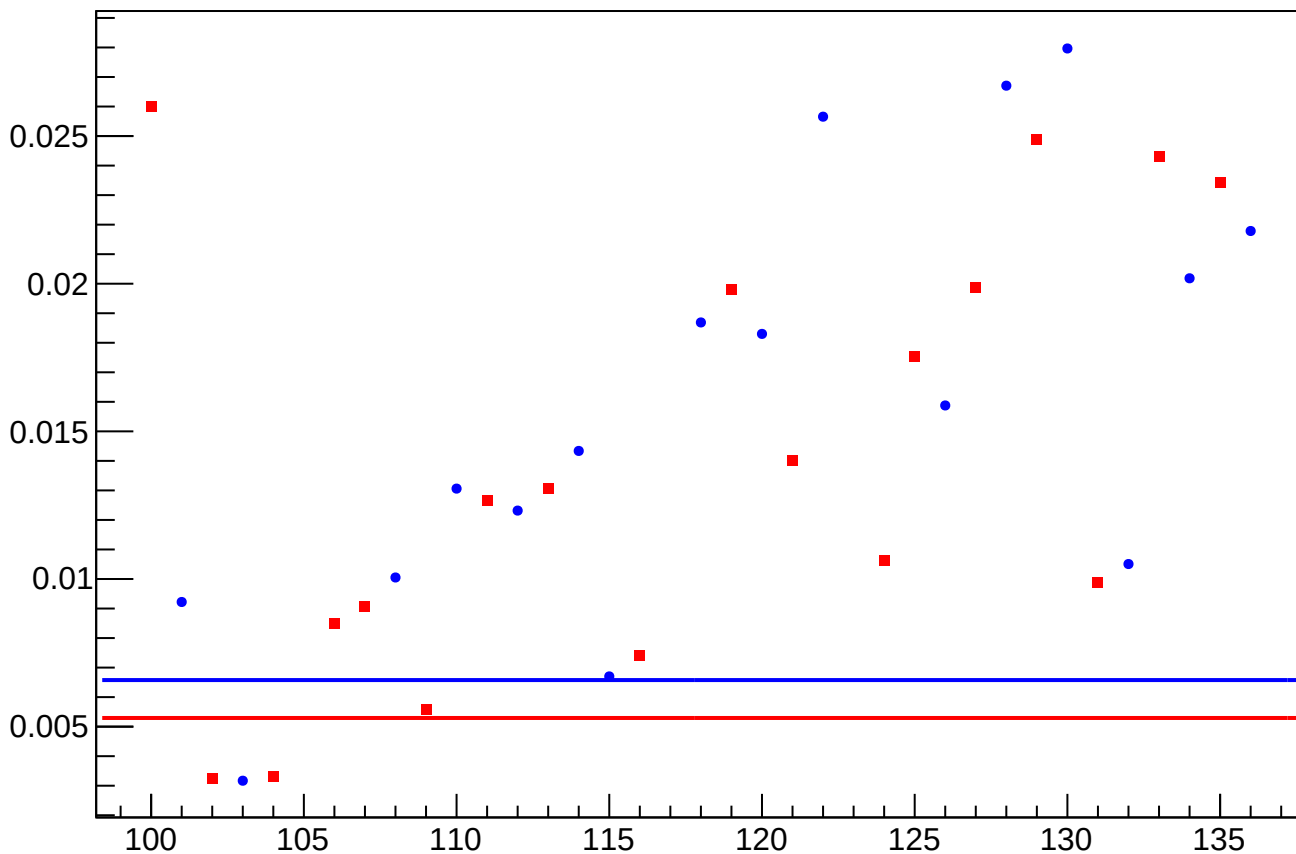
Right: -0.000+/-0.000 χ^2/NDF : 35.8/33

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 : 35.8/33

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 : 5455226.9/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 11570791.8/33

In: 0.007+/-0.000

χ^2/NDF : 5928012.0/15

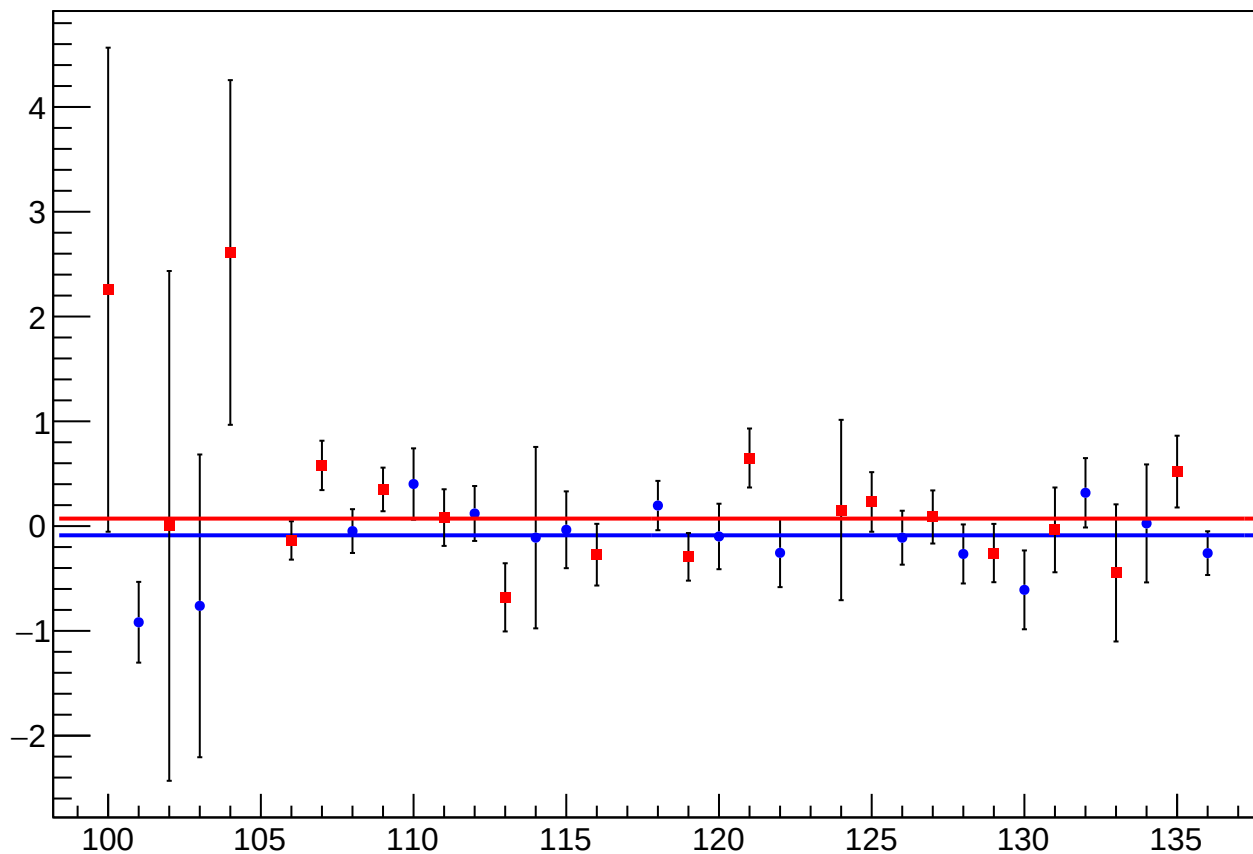
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 11570791.8/33

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+/-0.071 χ^2/NDF : 28.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

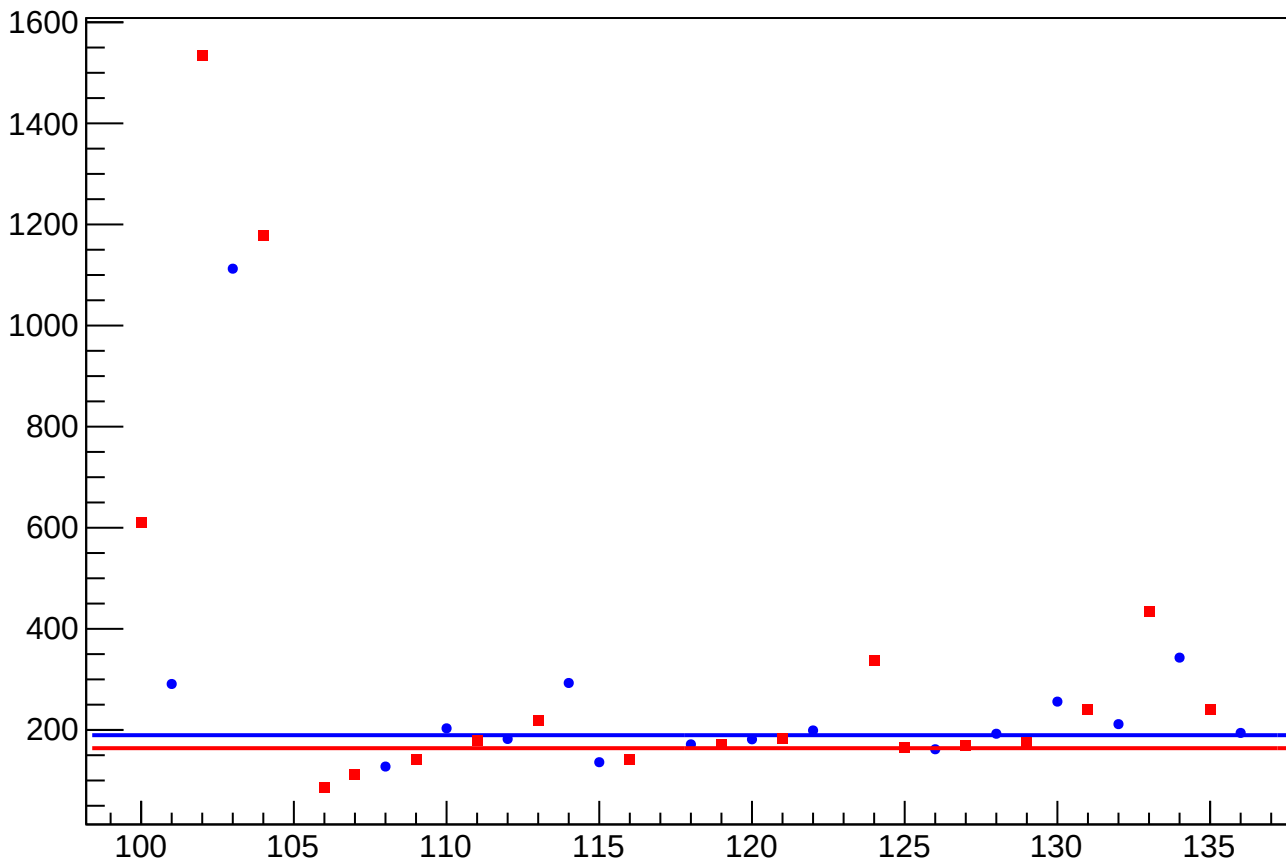
Right: -0.002+/-0.052 χ^2/NDF : 44.8/33

In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.052 χ^2/NDF : 44.8/33

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: 163.914+/-0.050 χ^2/NDF : 2641750.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

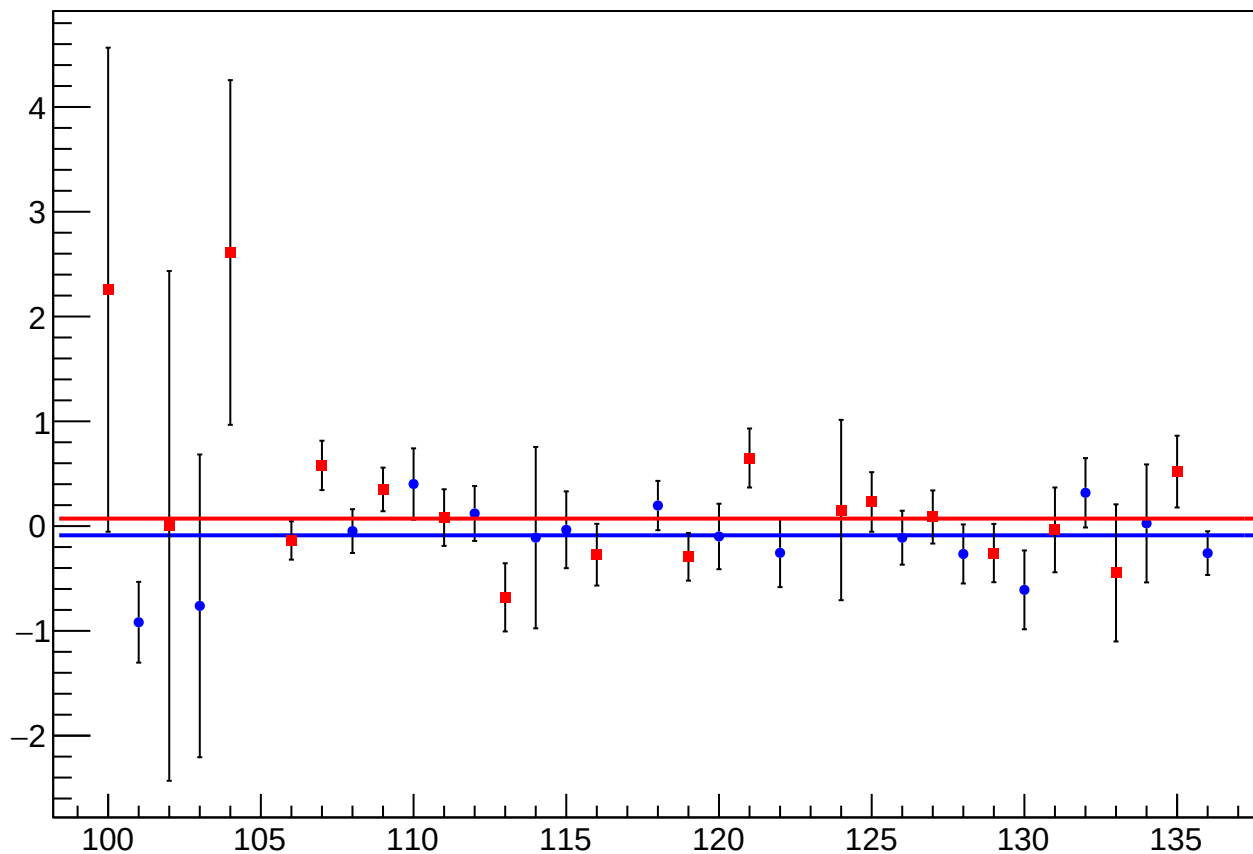
Right: 175.797+/-0.037 χ^2/NDF : 4227905.7/33

In: 189.628+/-0.054 χ^2/NDF :1465464.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 175.797+/-0.037 χ^2/NDF : 4227905.7/33

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+/-0.071 χ^2/NDF : 28.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

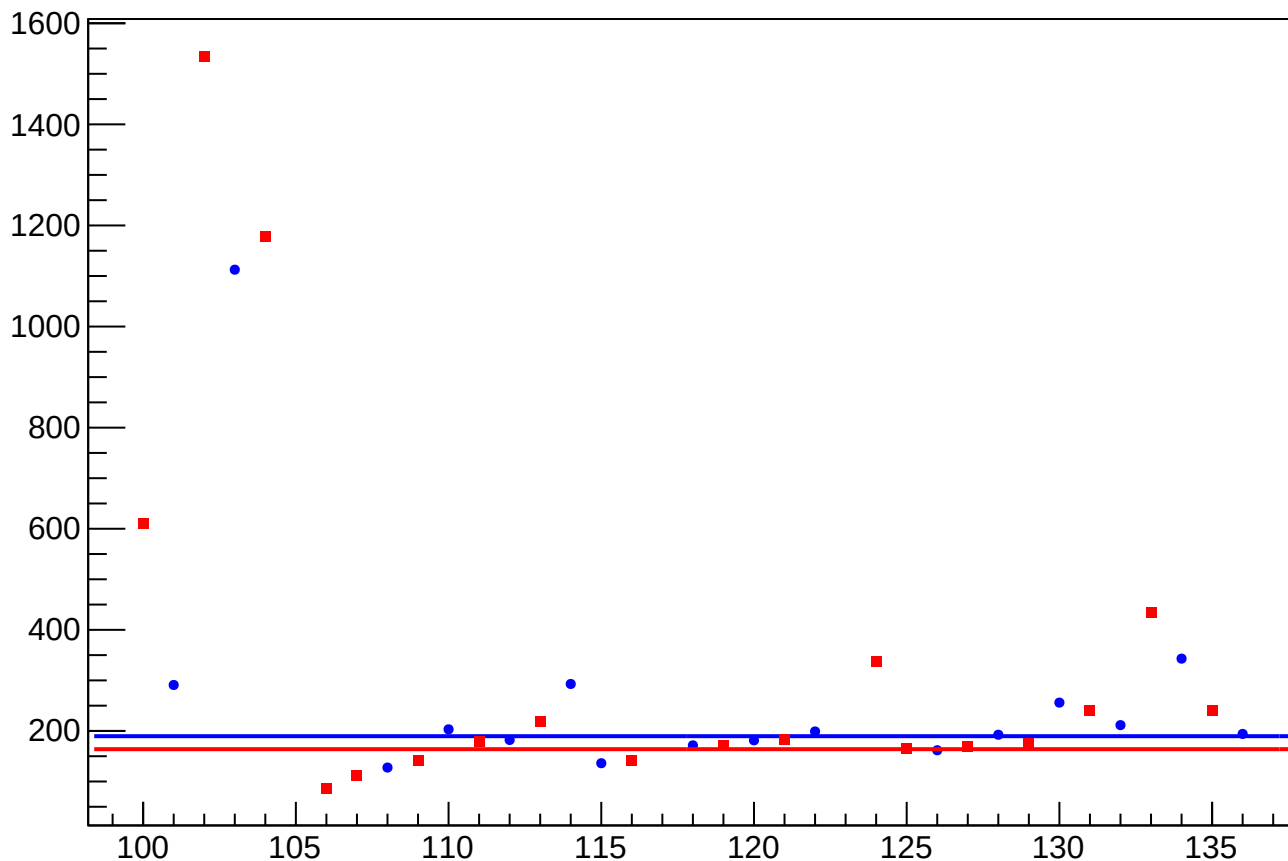
Right: -0.002+/-0.052 χ^2/NDF : 44.8/33

In: -0.088+/-0.077 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.052 χ^2/NDF : 44.8/33

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: 163.914+/-0.050 χ^2/NDF : 2641750.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

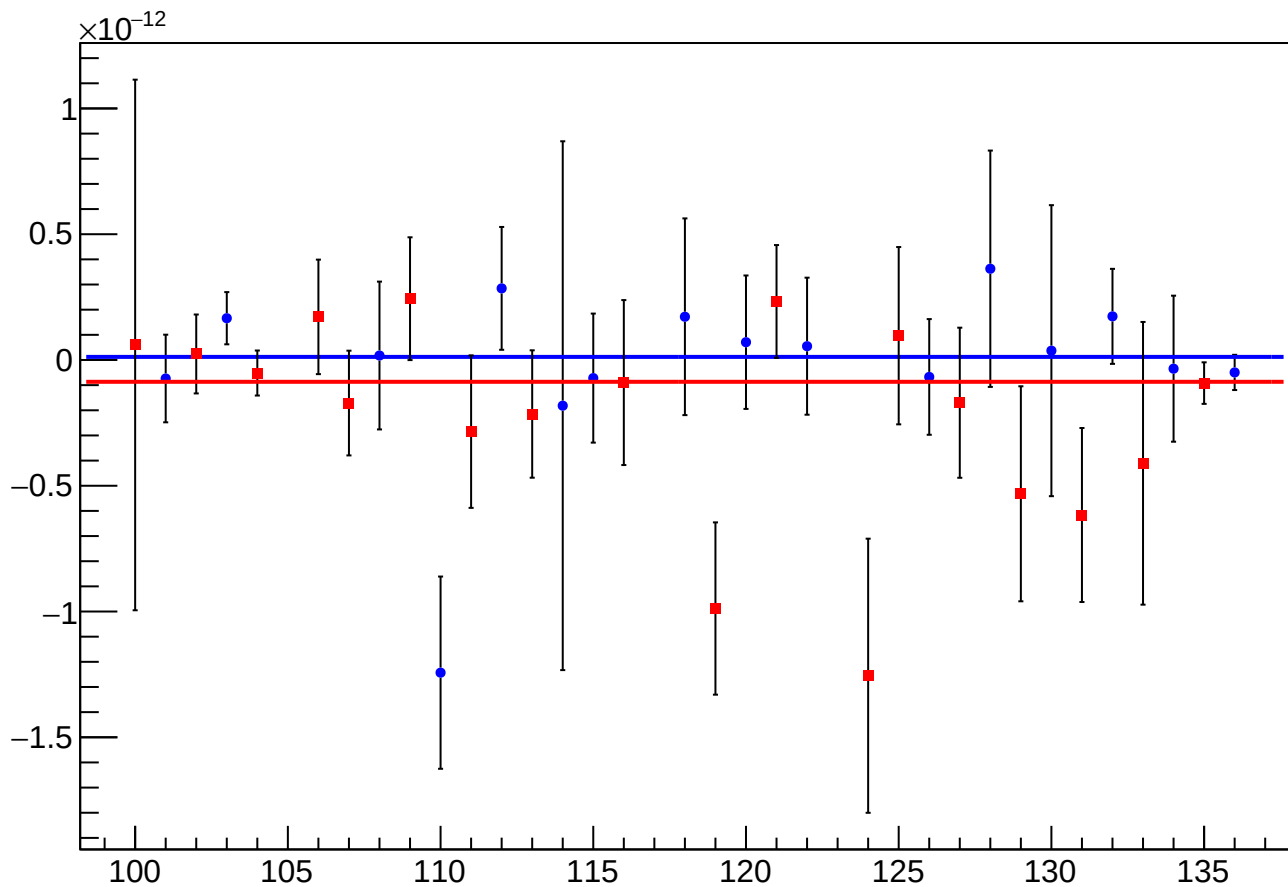
Right: 175.797+/-0.037 χ^2/NDF : 4227905.7/33

In: 189.628+/-0.054 χ^2/NDF : 1465464.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 175.797+/-0.037 χ^2/NDF : 4227905.7/33

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 : 22.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

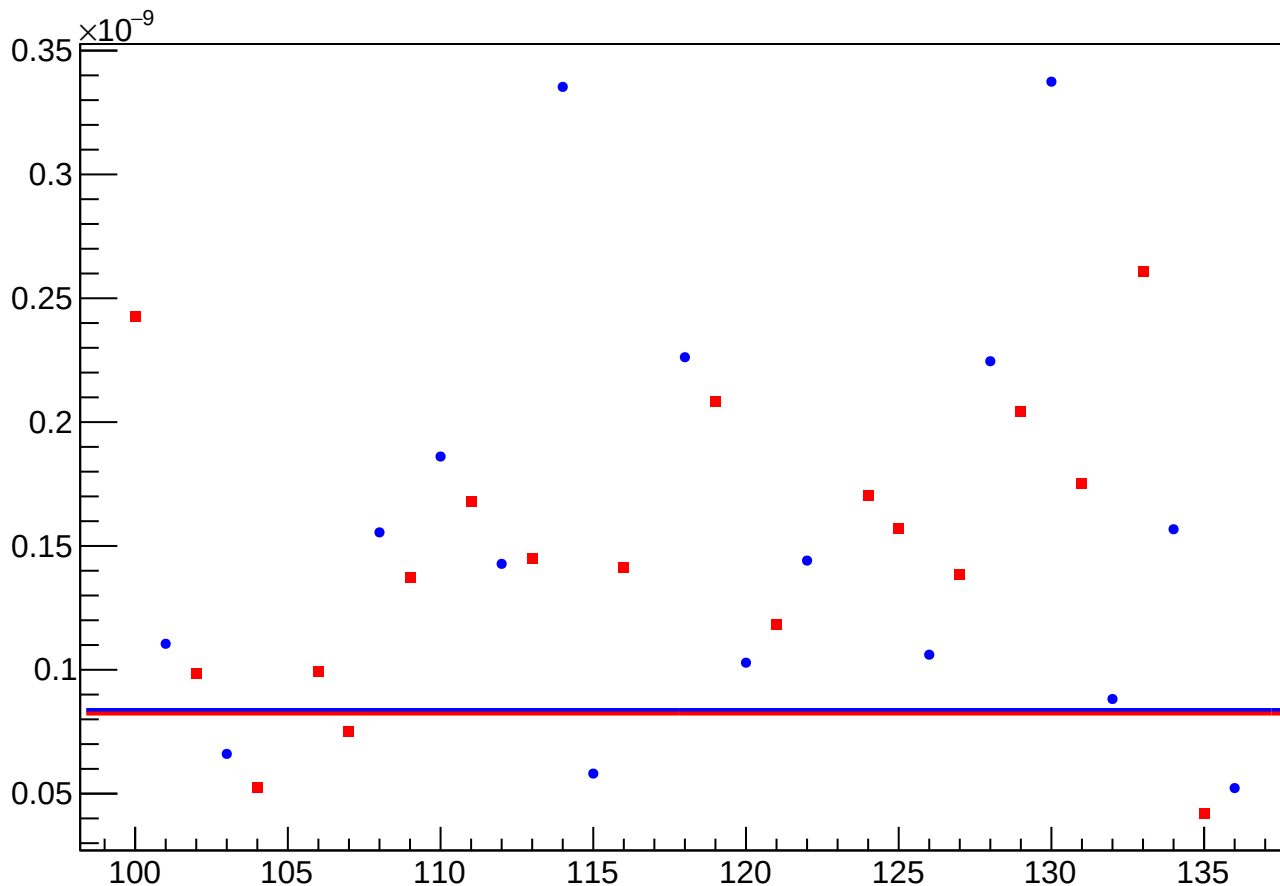
Right: -0.000+/-0.000 χ^2/NDF : 41.7/33

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 : 41.7/33

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 : 2271503.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

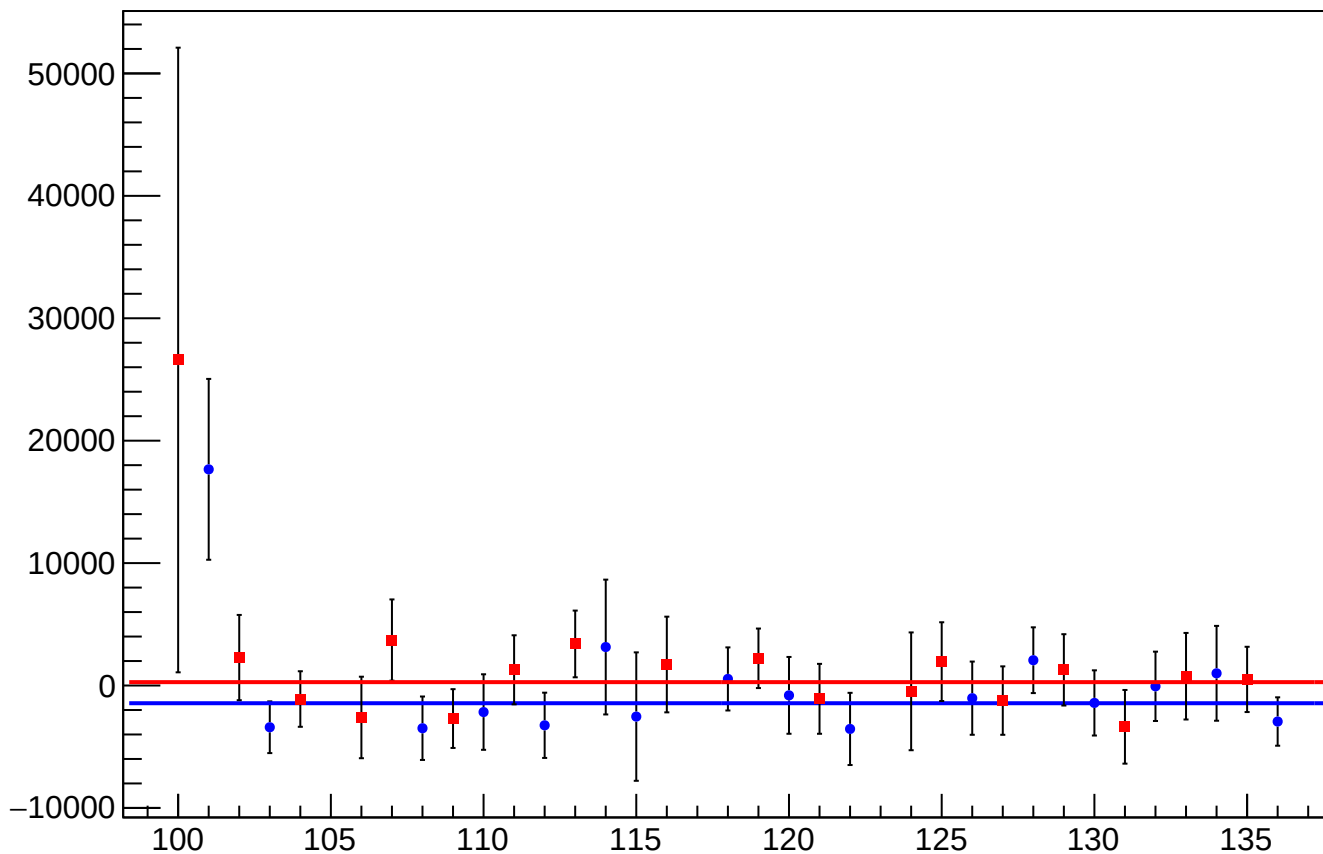
Right: 0.000+/-0.000 χ^2/NDF : 4381514.8/33

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 : 4381514.8/33

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: 275.772+/-712.942 χ^2/NDF : 9.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

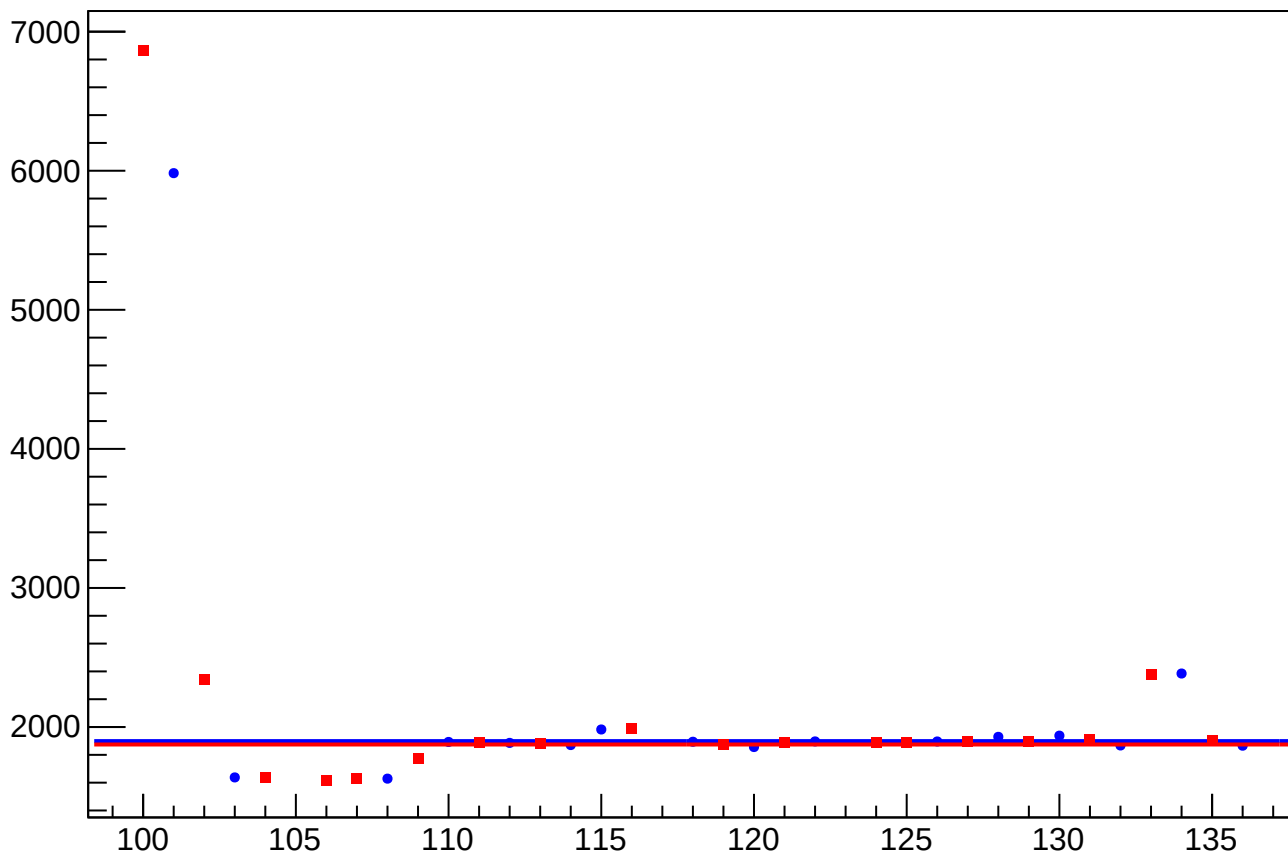
Right: -573.157+/-507.693 χ^2/NDF : 26.2/33

In: -1446.547+/-723.140 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -573.157+/-507.693 χ^2/NDF : 26.2/33

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: 1874.437+/-0.502 χ^2/NDF : 207652.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

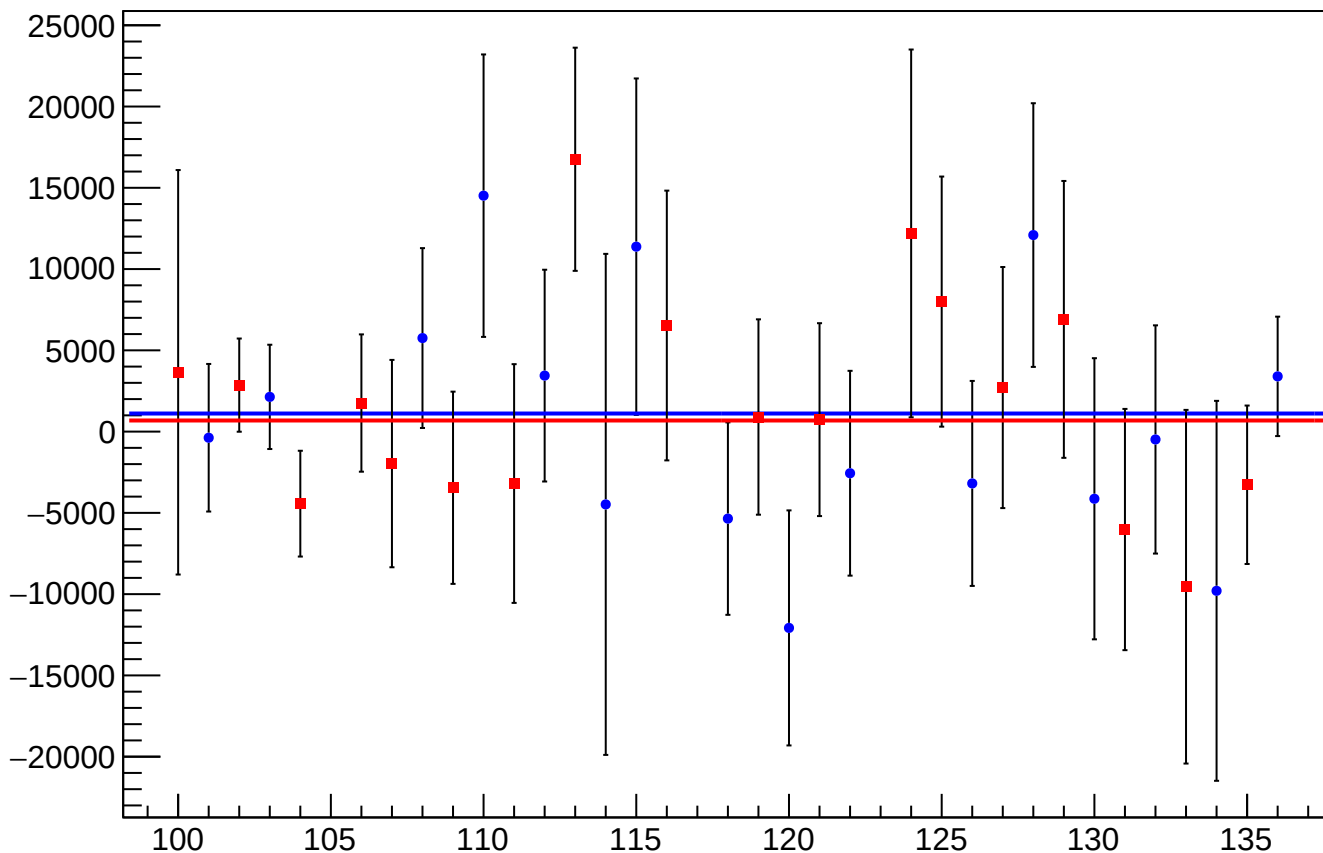
Right: 1886.416+/-0.358 χ^2/NDF : 906324.7/33

In: 1898.826+/-0.511 χ^2/NDF : 697514.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1886.416+/-0.358 χ^2/NDF : 906324.7/33

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: 683.937+/-1327.408 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

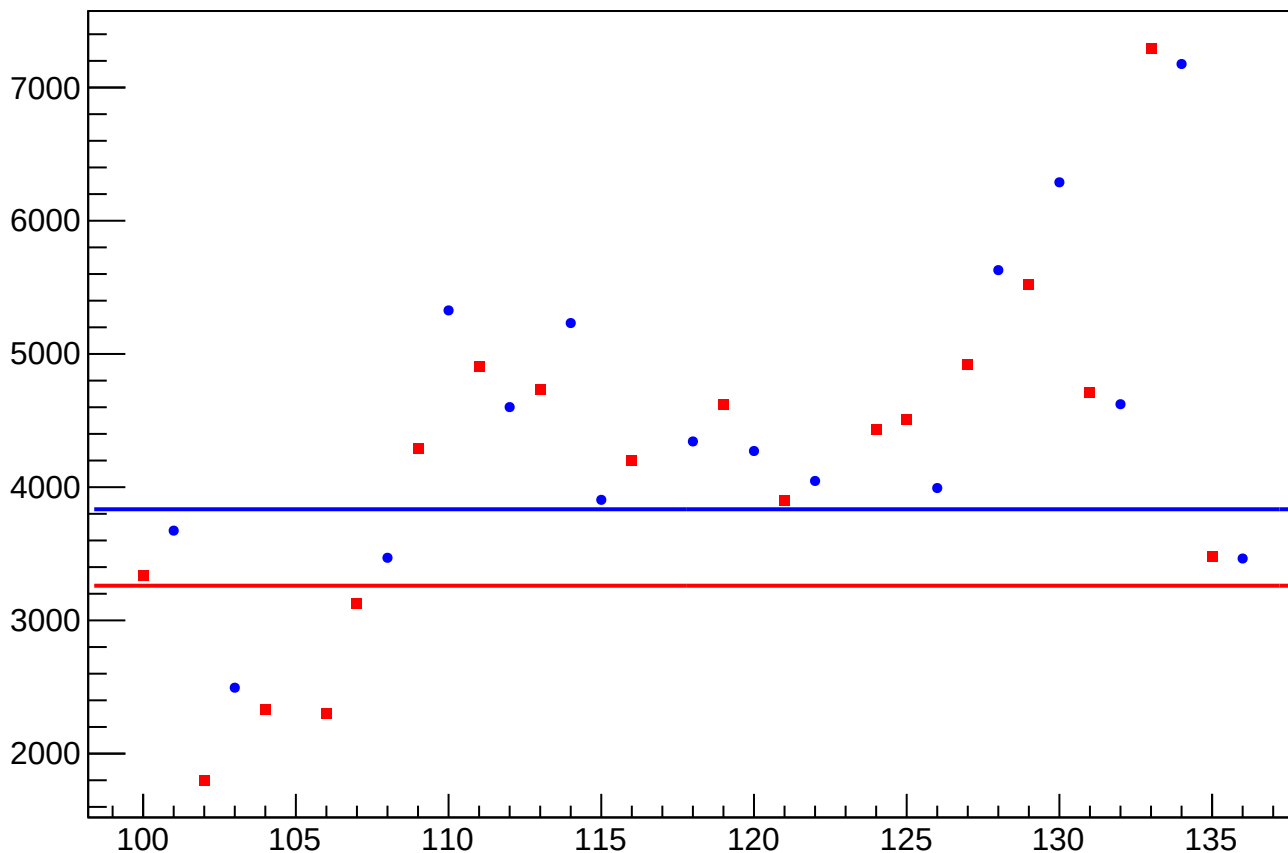
Right: 875.189+/-987.959 χ^2/NDF : 28.4/33

In: 1112.704+/-1479.265 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 875.189+/-987.959 χ^2/NDF : 28.4/33

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: 3260.334+/-0.939 χ^2/NDF : 1863705.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

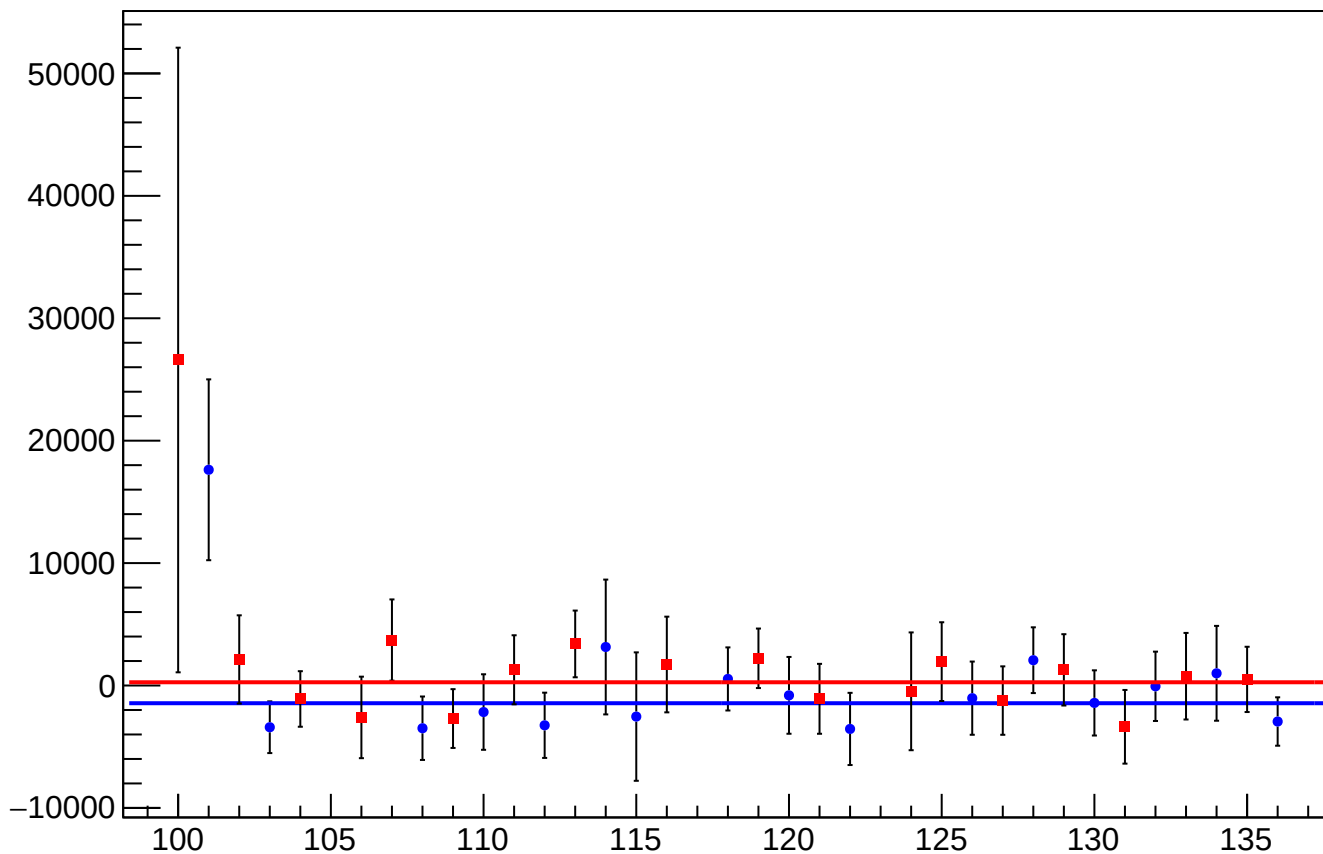
Right: 3516.292+/-0.699 χ^2/NDF : 2987194.9/33

In: 3834.164+/-1.046 χ^2/NDF : 956775.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3516.292+/-0.699 χ^2/NDF : 2987194.9/33

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: 264.907 ± 713.932 χ^2/NDF : 9.7/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

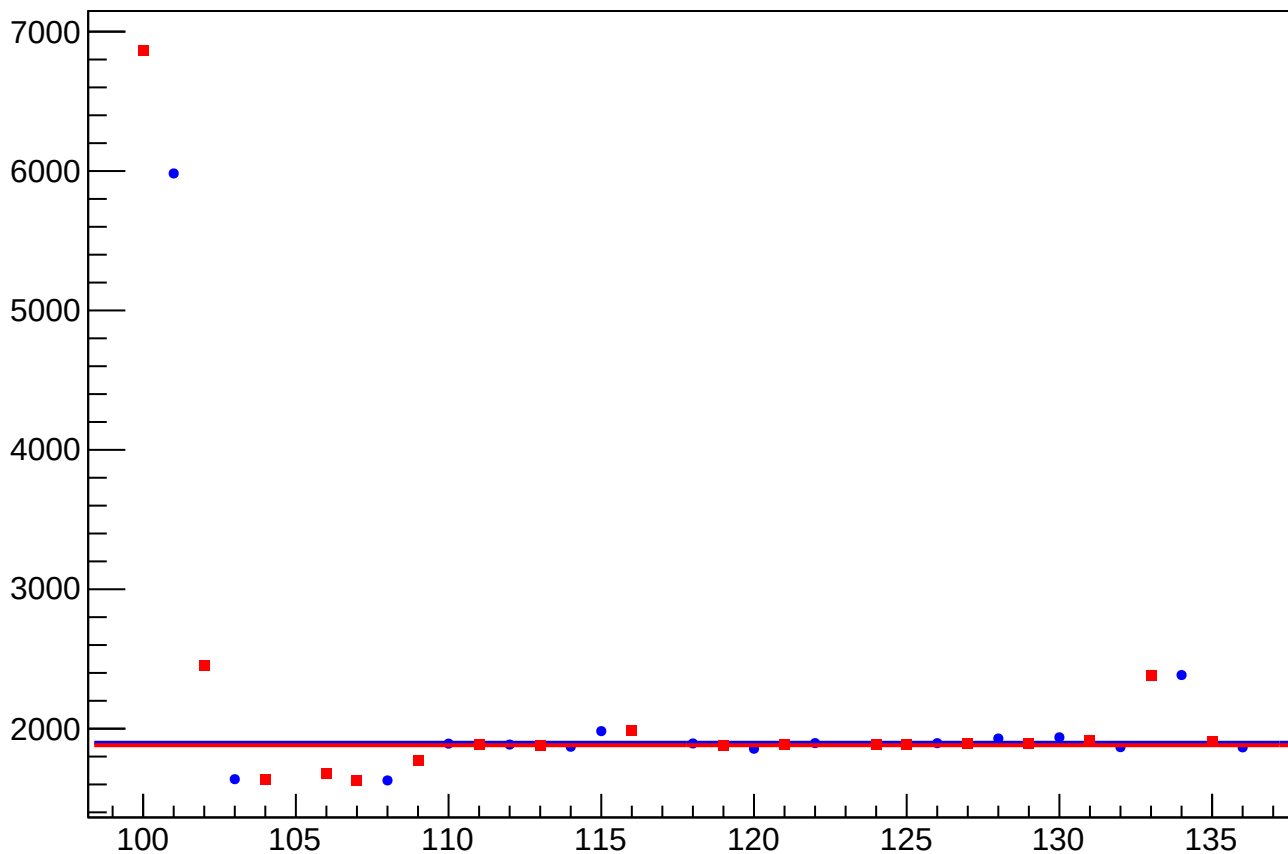
Right: -580.044 ± 508.050 χ^2/NDF : 26.0/33

In: -1446.933 ± 723.140 χ^2/NDF : 13.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -580.044 ± 508.050 χ^2/NDF : 26.0/33

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: 1881.393+/-0.504 χ^2/NDF : 216543.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

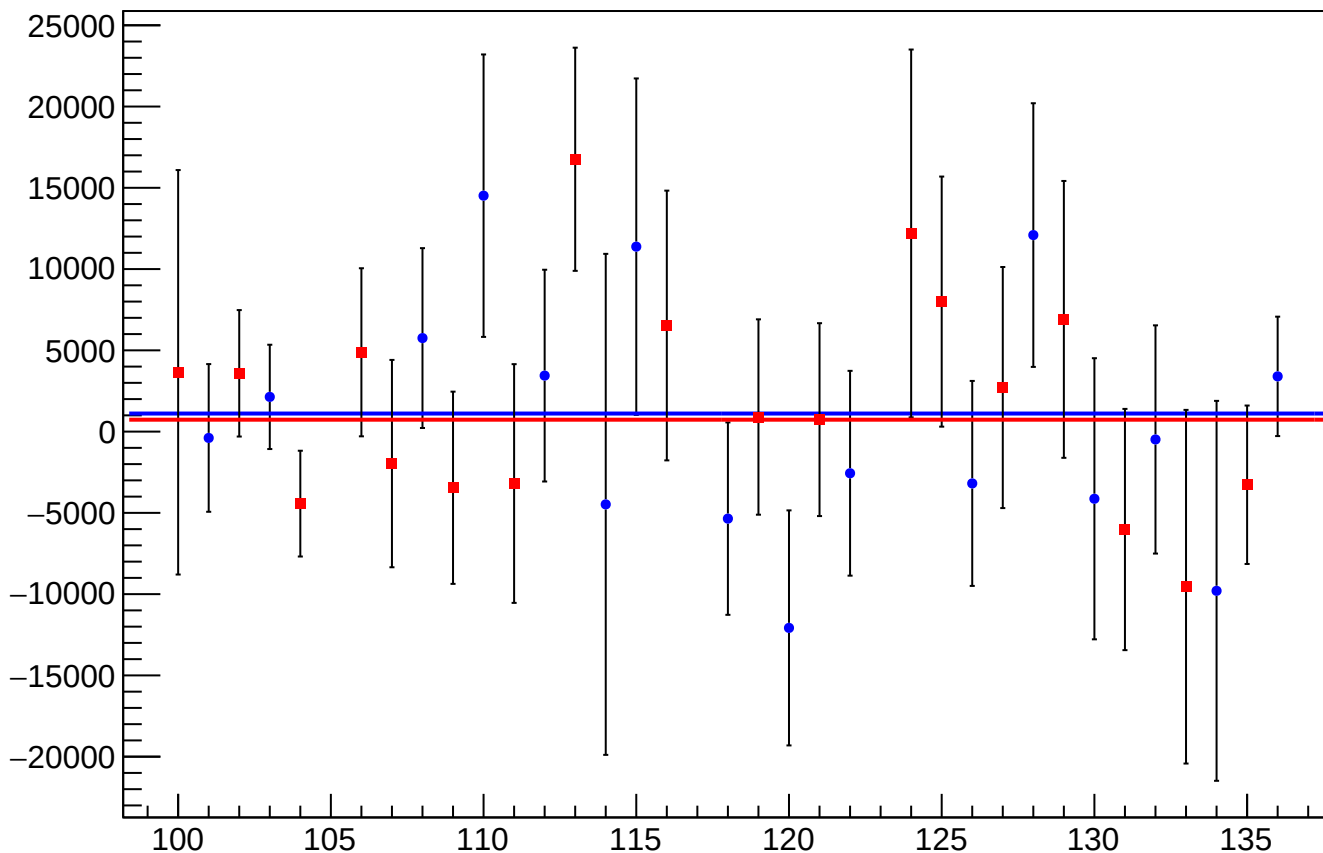
Right: 1889.984+/-0.359 χ^2/NDF : 914647.7/33

In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.984+/-0.359 χ^2/NDF : 914647.7/33

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: 732.747+/-1423.819 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

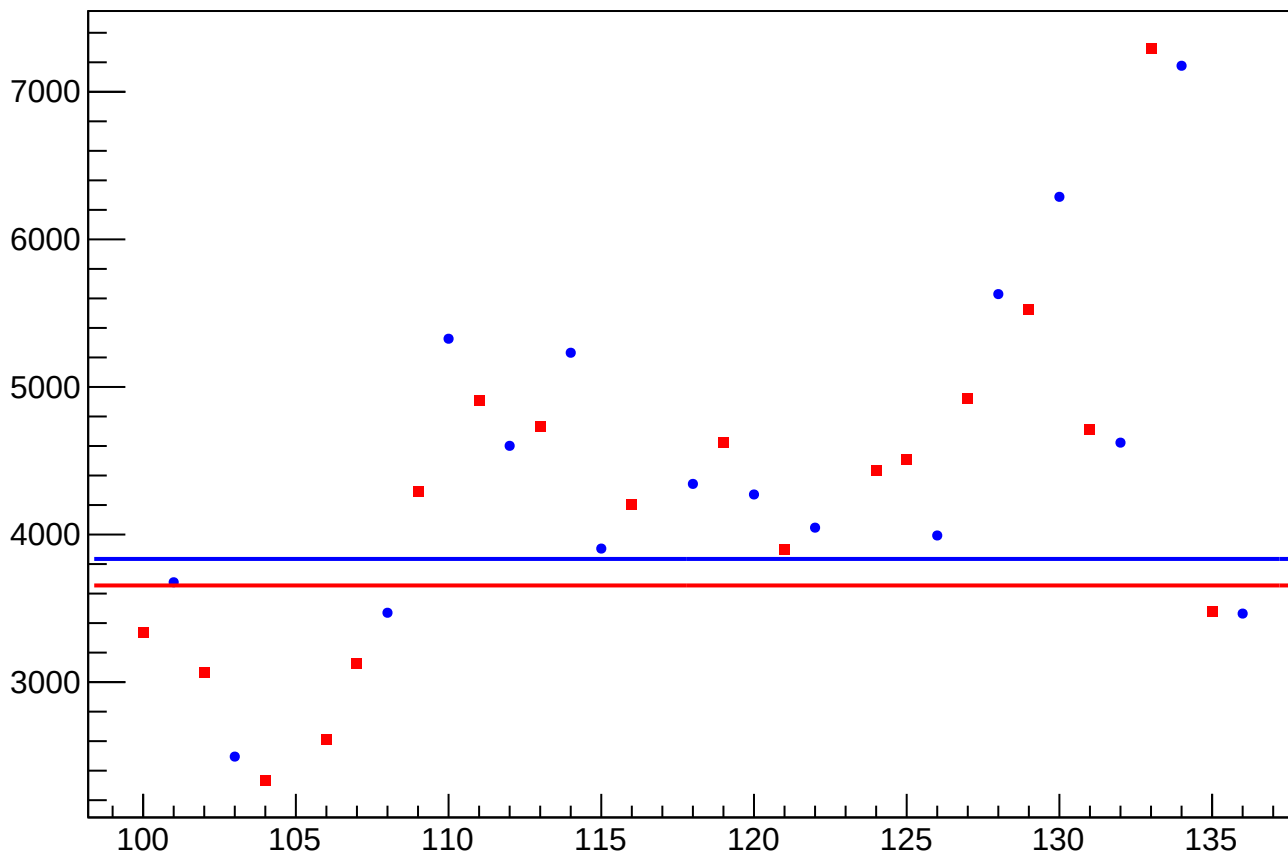
Right: 914.886+/-1025.891 χ^2/NDF : 29.0/33

In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.886+/-1025.891 χ^2/NDF : 29.0/33

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: 3655.009+/-1.007 χ^2/NDF : 1122502.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

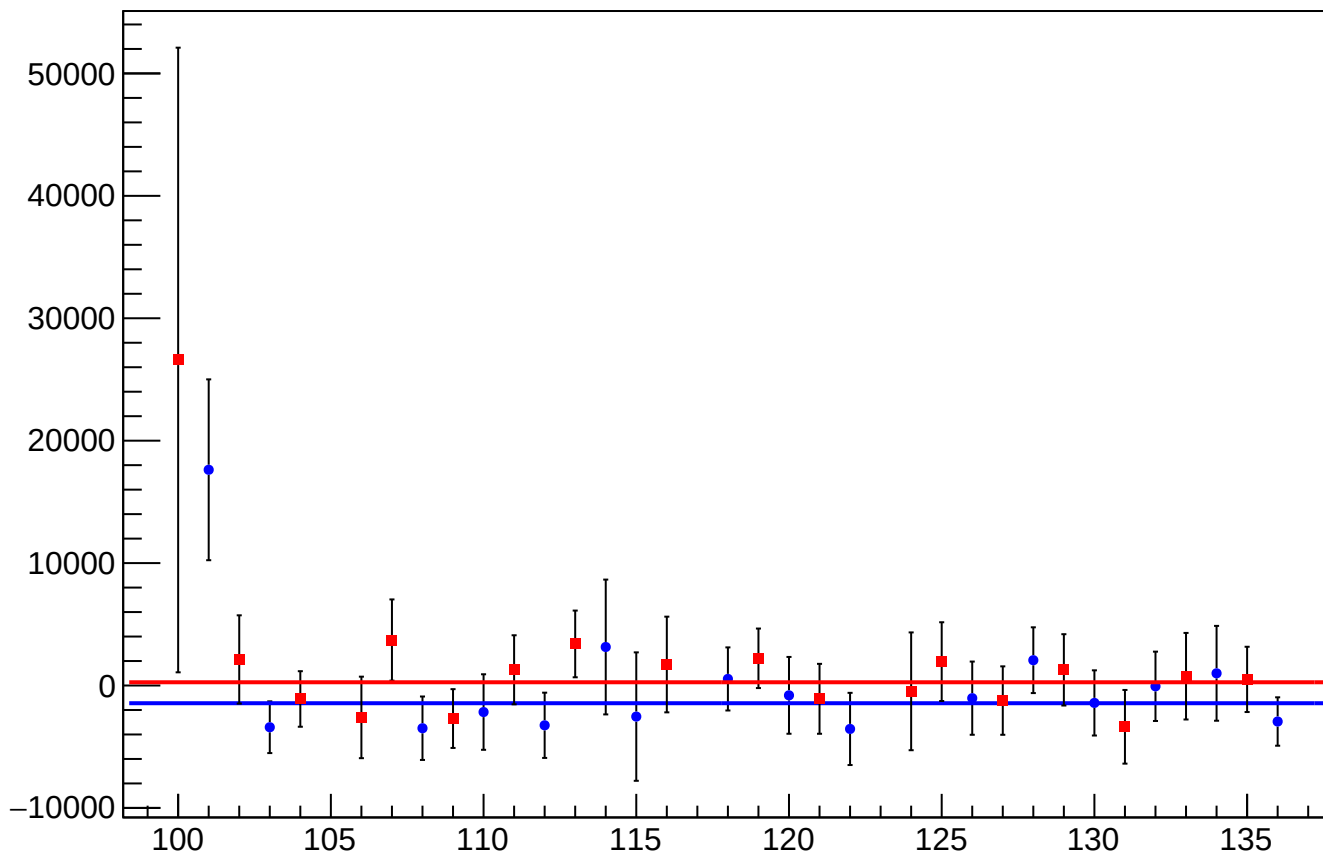
Right: 3741.409+/-0.725 χ^2/NDF : 2094130.1/33

In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3741.409+/-0.725 χ^2/NDF : 2094130.1/33

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: 264.907+/-713.932 χ^2/NDF : 9.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

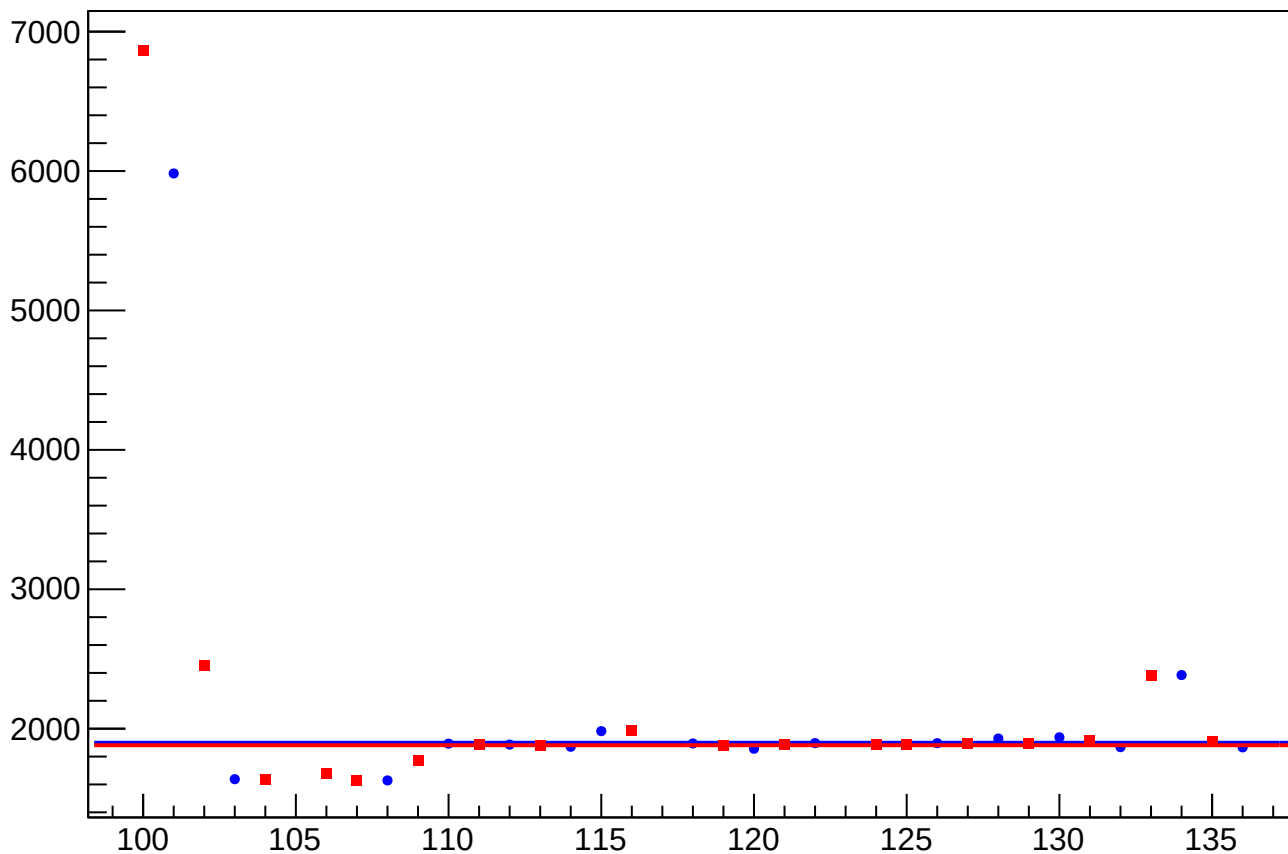
Right: -580.044+/-508.050 χ^2/NDF : 26.0/33

In: -1446.933+/-723.140 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -580.044+/-508.050 χ^2/NDF : 26.0/33

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: 1881.393+/-0.504 χ^2/NDF : 216543.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

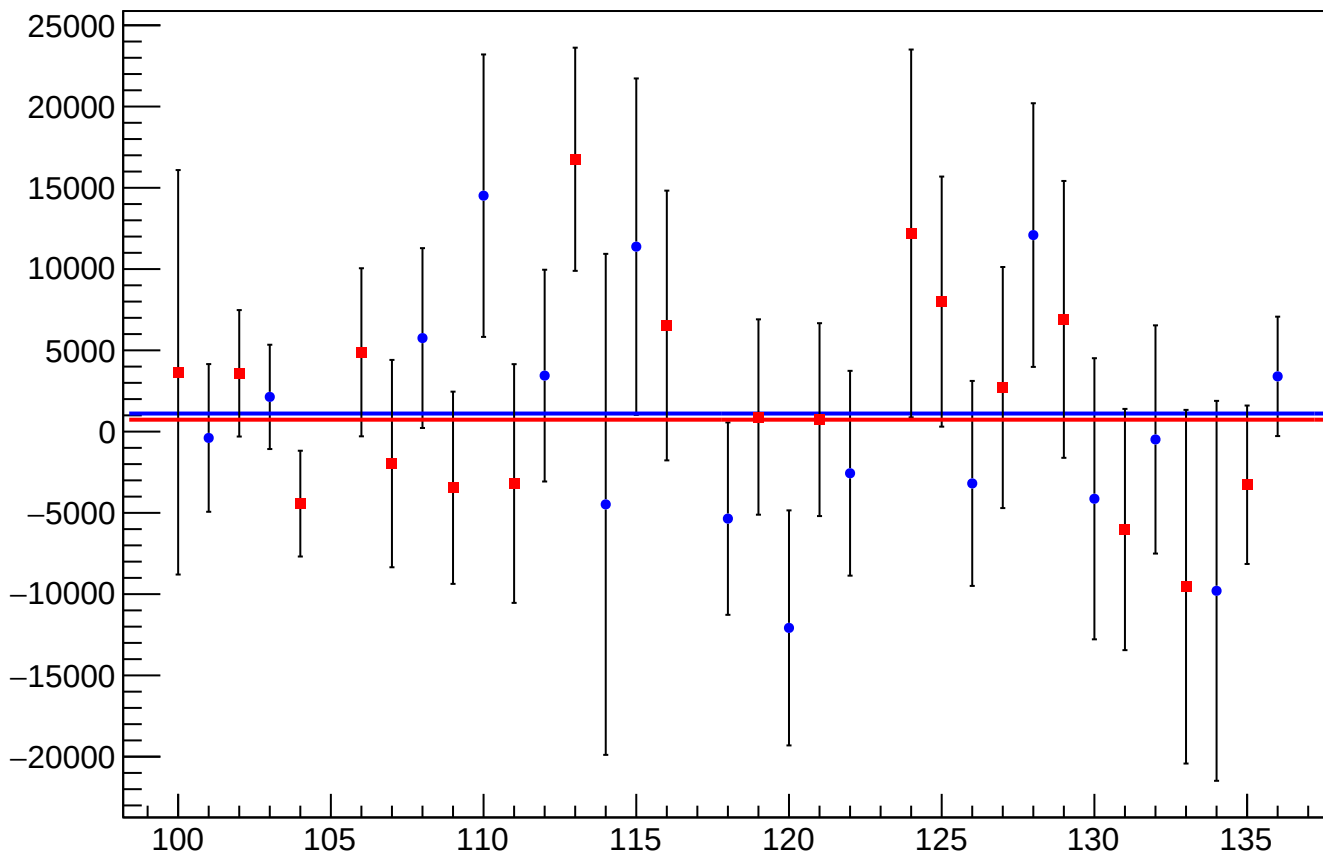
Right: 1889.984+/-0.359 χ^2/NDF : 914647.7/33

In: 1898.826+/-0.511 χ^2/NDF : 697514.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1889.984+/-0.359 χ^2/NDF : 914647.7/33

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: 732.747+/-1423.819 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

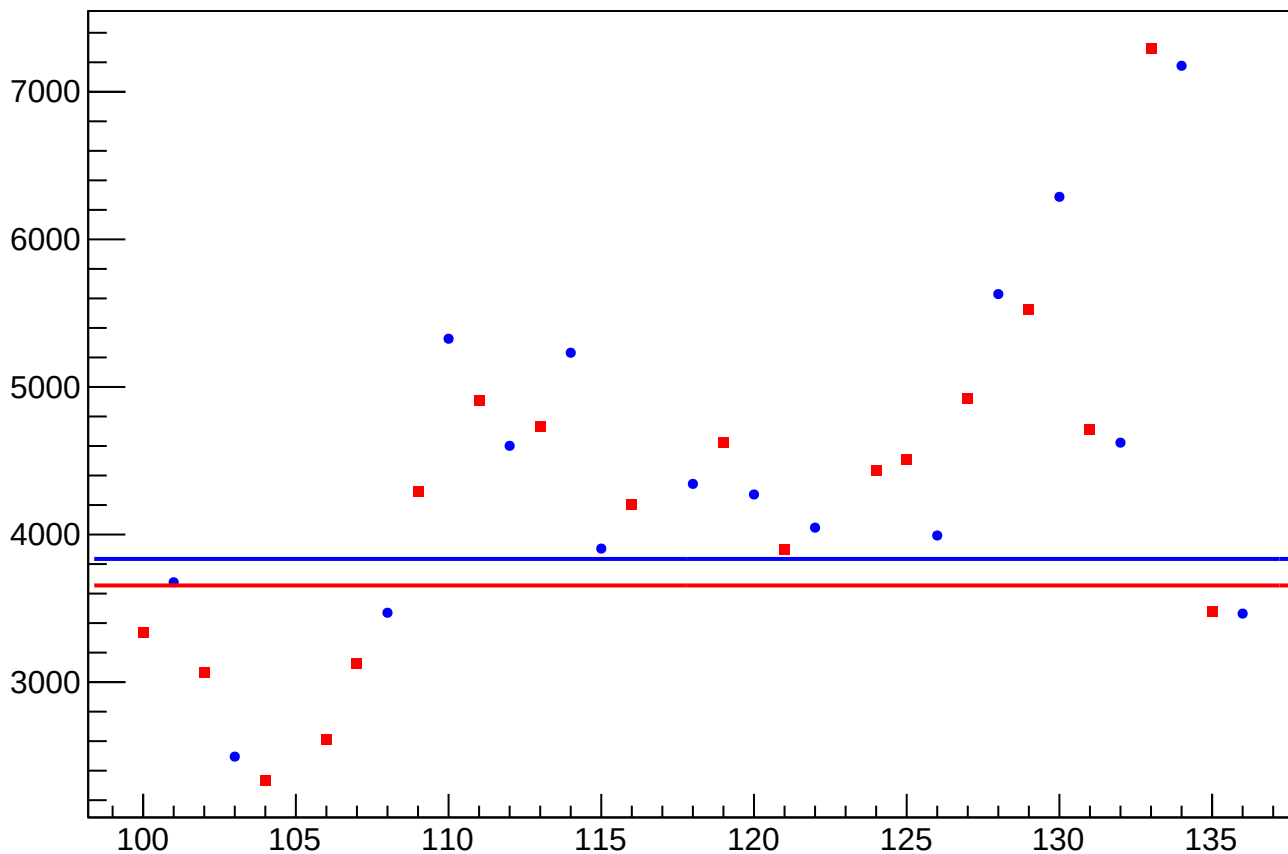
Right: 914.886+/-1025.891 χ^2/NDF : 29.0/33

In: 1111.533+/-1479.438 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 914.886+/-1025.891 χ^2/NDF : 29.0/33

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: 3655.009+/-1.007 χ^2/NDF : 1122502.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

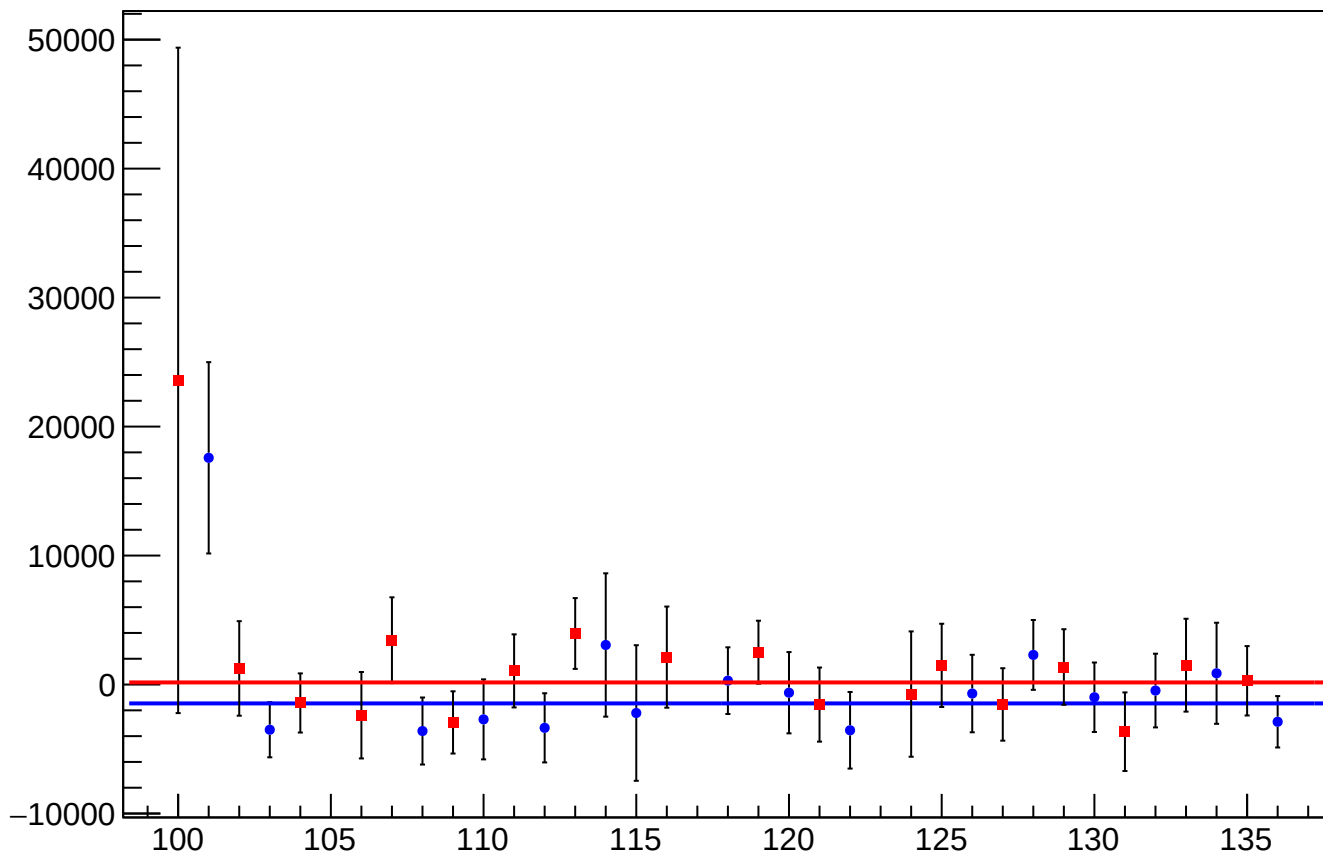
Right: 3741.409+/-0.725 χ^2/NDF : 2094130.1/33

In: 3834.690+/-1.046 χ^2/NDF : 956312.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3741.409+/-0.725 χ^2/NDF : 2094130.1/33

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: 163.328+/-719.182 χ^2/NDF : 10.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

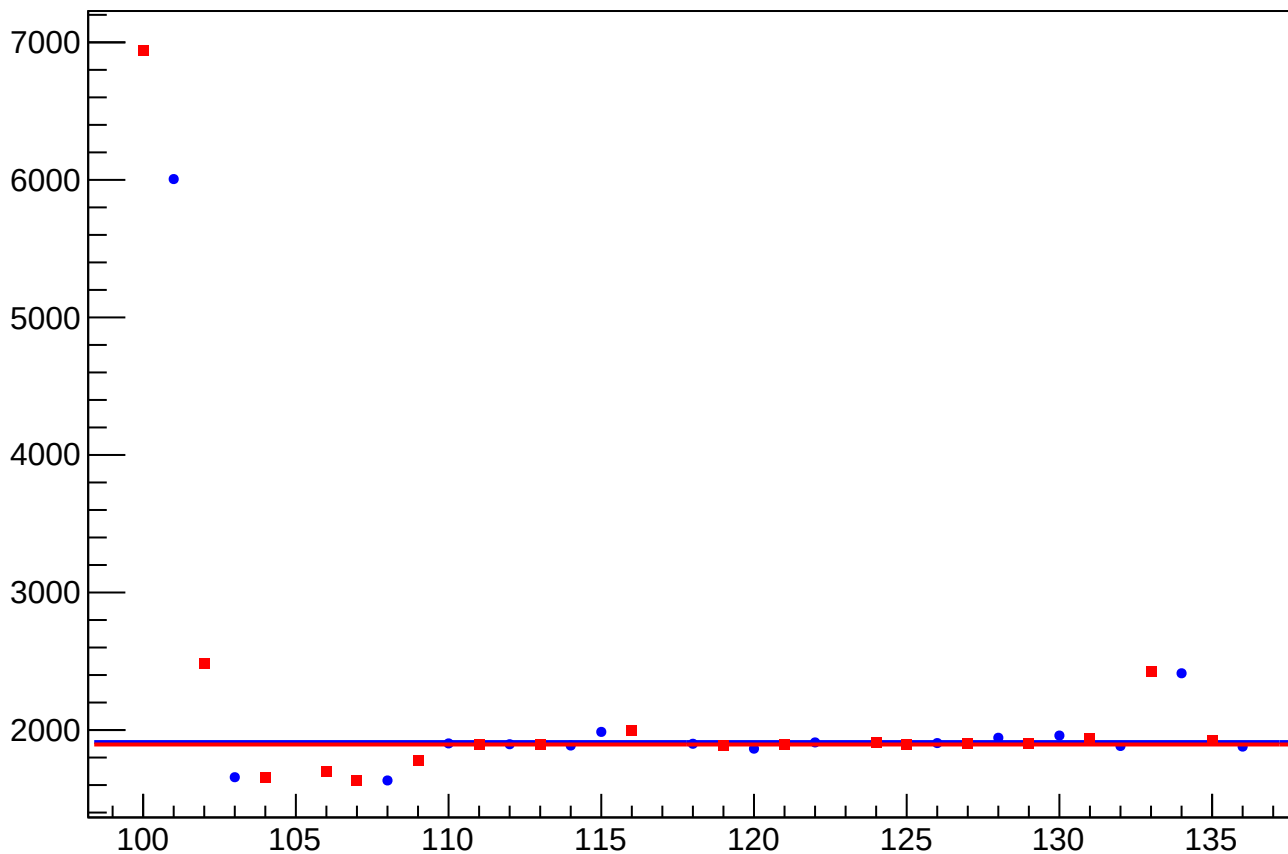
Right: -639.443+/-511.723 χ^2/NDF : 26.7/33

In: -1462.640+/-728.274 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -639.443+/-511.723 χ^2/NDF : 26.7/33

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: 1894.928+/-0.508 χ^2/NDF : 219777.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

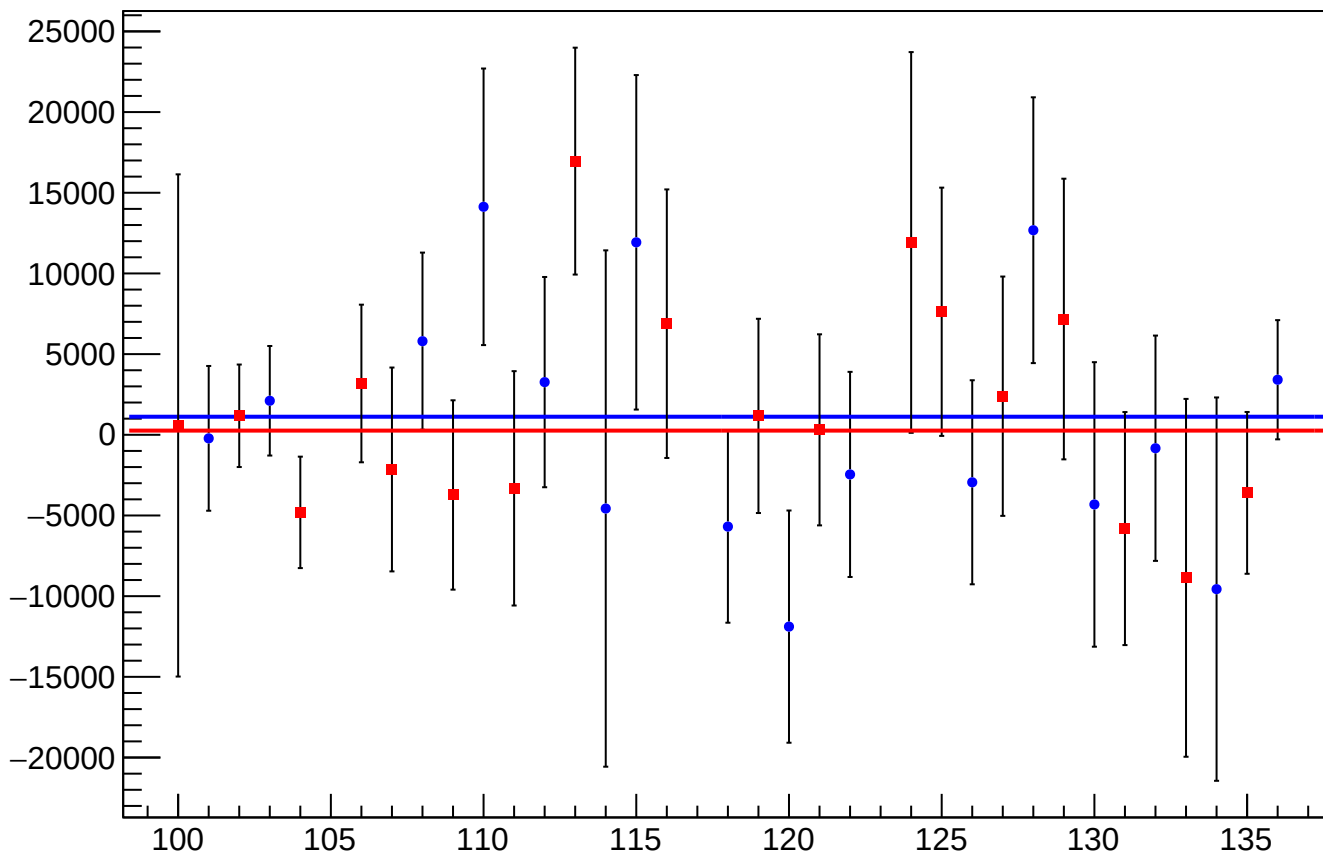
Right: 1903.534+/-0.362 χ^2/NDF : 916580.0/33

In: 1912.378+/-0.515 χ^2/NDF : 696220.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.534+/-0.362 χ^2/NDF : 916580.0/33

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: 259.908+/-1392.724 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

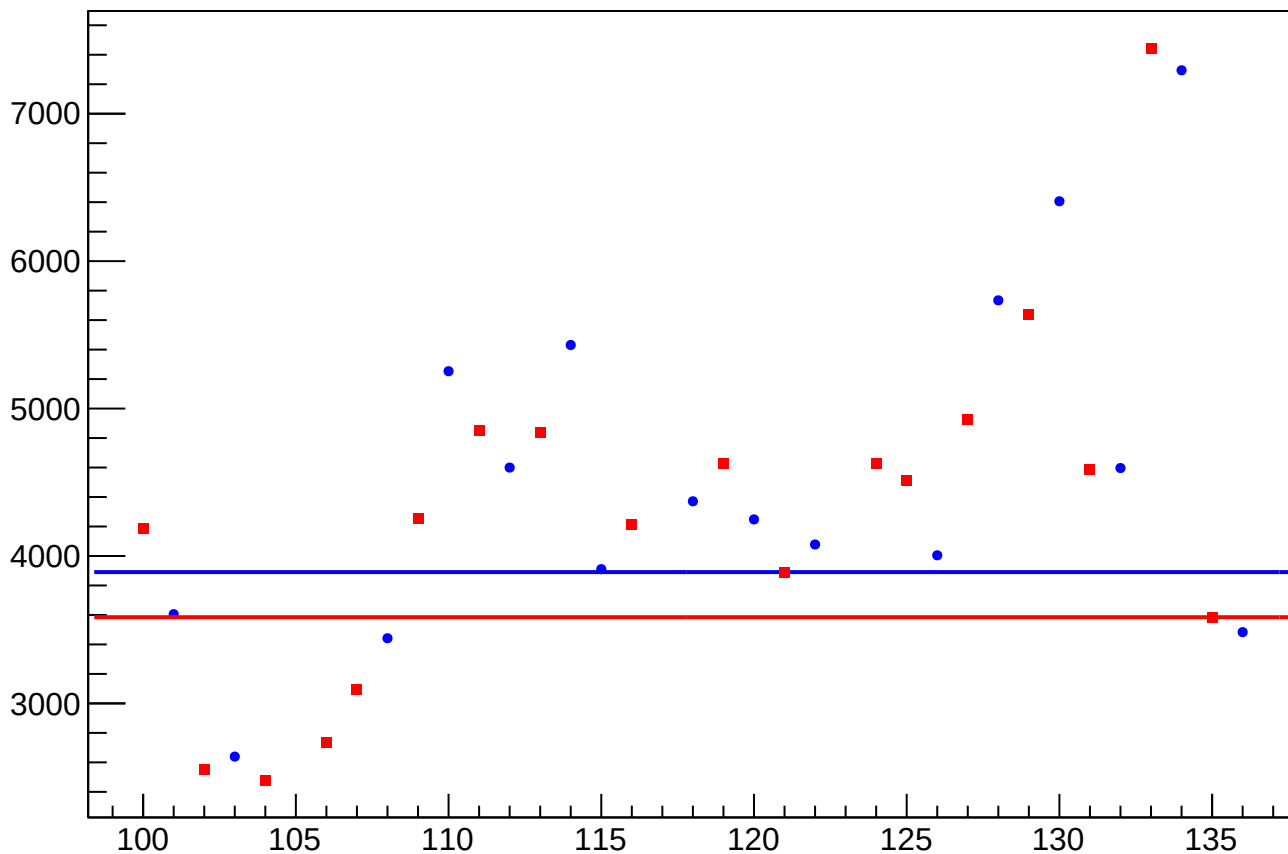
Right: 658.847+/-1019.890 χ^2/NDF : 28.0/33

In: 1120.173+/-1497.671 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.847+/-1019.890 χ^2/NDF : 28.0/33

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: 3584.701+/-0.985 χ^2/NDF : 1221573.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

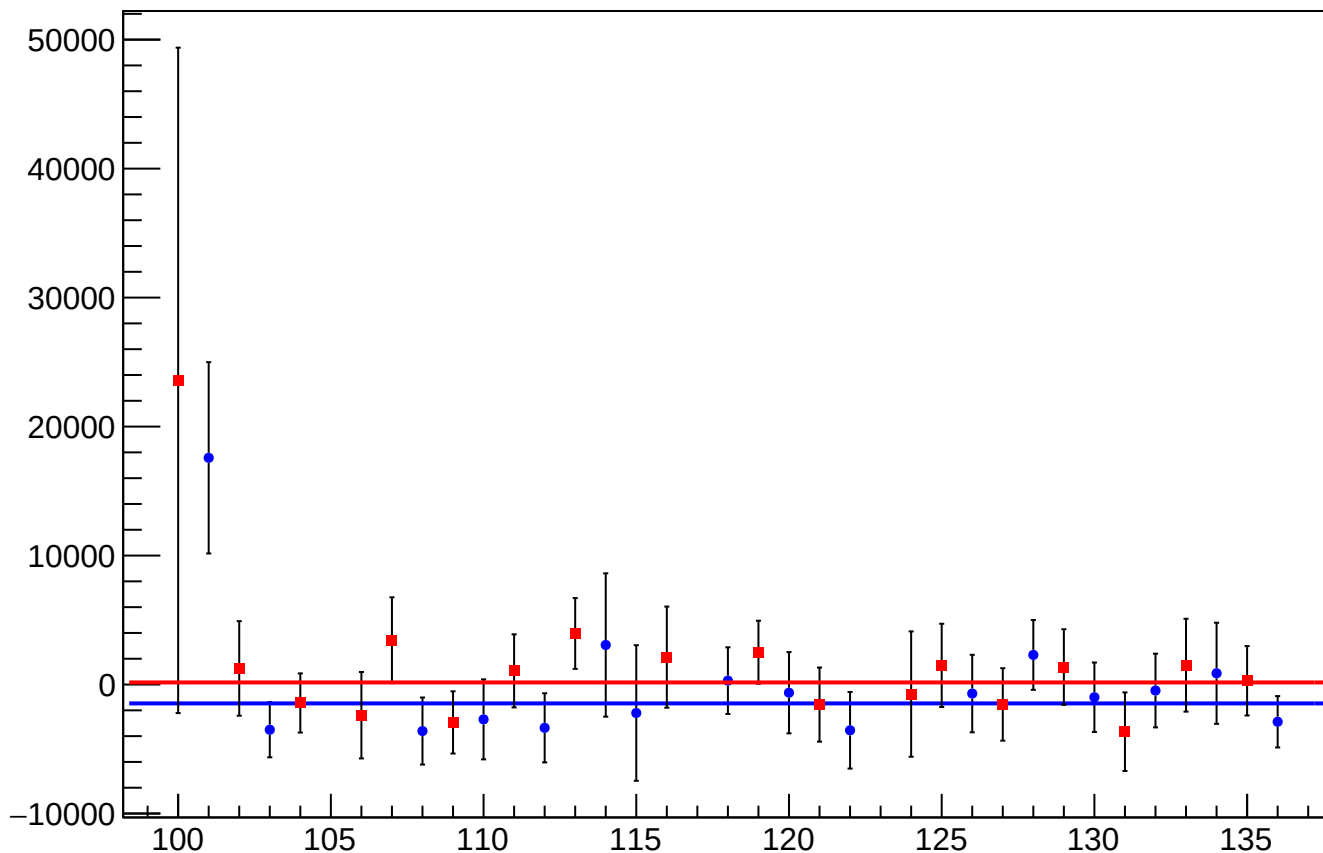
Right: 3726.608+/-0.721 χ^2/NDF : 2144766.9/33

In: 3890.708+/-1.059 χ^2/NDF : 878418.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3726.608+/-0.721 χ^2/NDF : 2144766.9/33

eigen_dit_asym_atr_dd_mean vs Slug, Sign Corrected



Right In: -1462.646 ± 728.274 χ^2/NDF : 13.6/15

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

Right Out: 163.321 ± 719.182 χ^2/NDF : 10.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

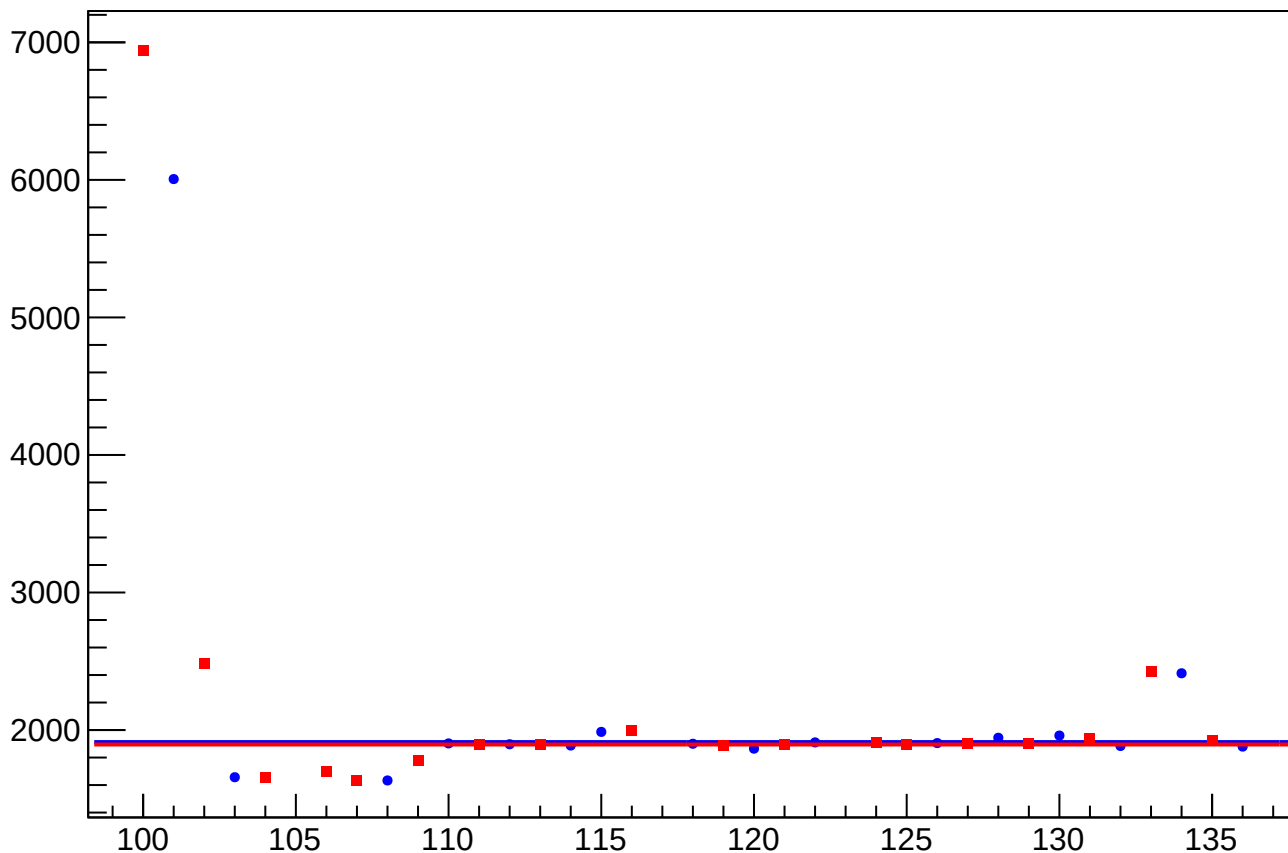
Right: -639.450 ± 511.723 χ^2/NDF : 26.7/33

In: -1462.646 ± 728.274 χ^2/NDF : 13.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -639.450 ± 511.723 χ^2/NDF : 26.7/33

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: 1894.928+/-0.508 χ^2/NDF : 219777.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

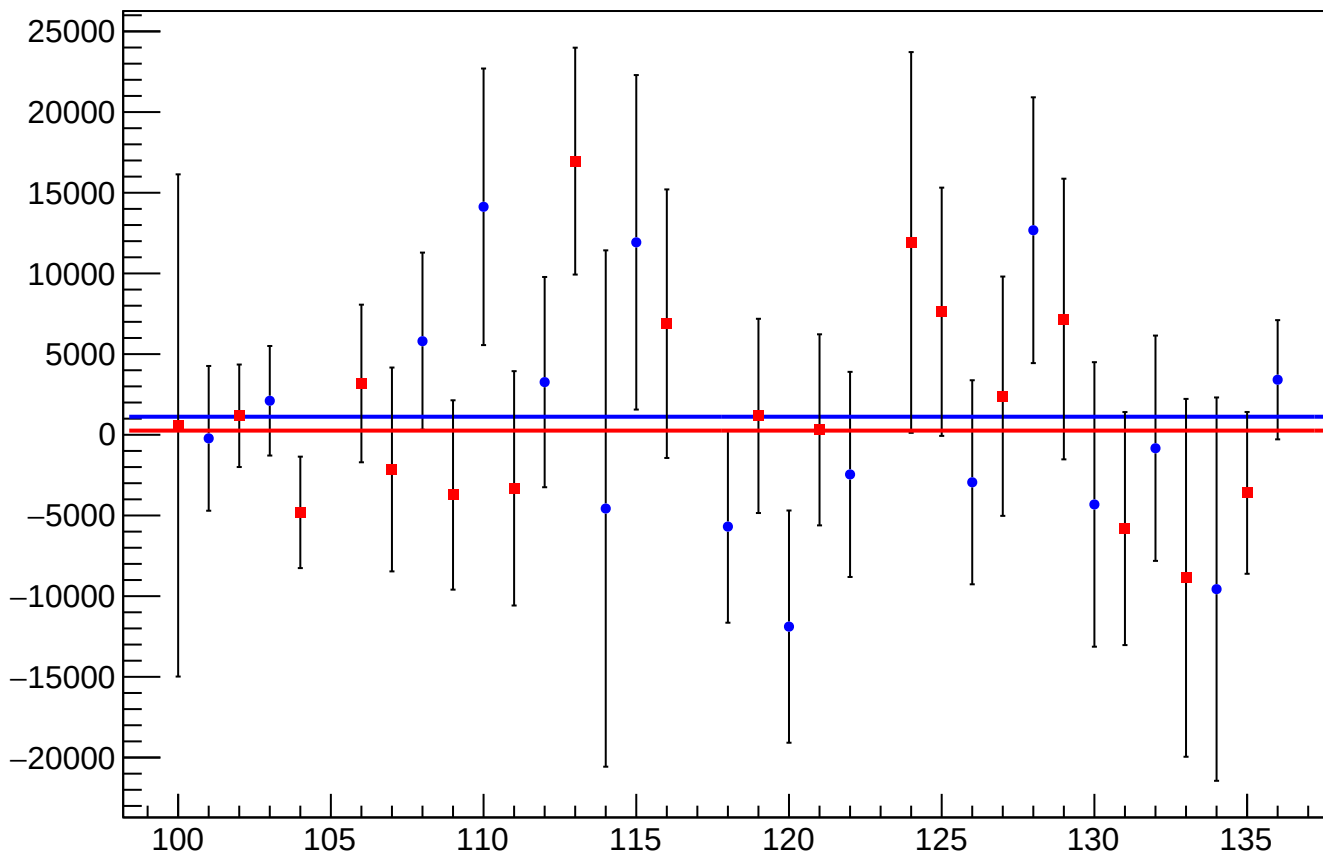
Right: 1903.534+/-0.362 χ^2/NDF : 916579.9/33

In: 1912.378+/-0.515 χ^2/NDF : 696220.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1903.534+/-0.362 χ^2/NDF : 916579.9/33

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: 259.909+/-1392.722 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

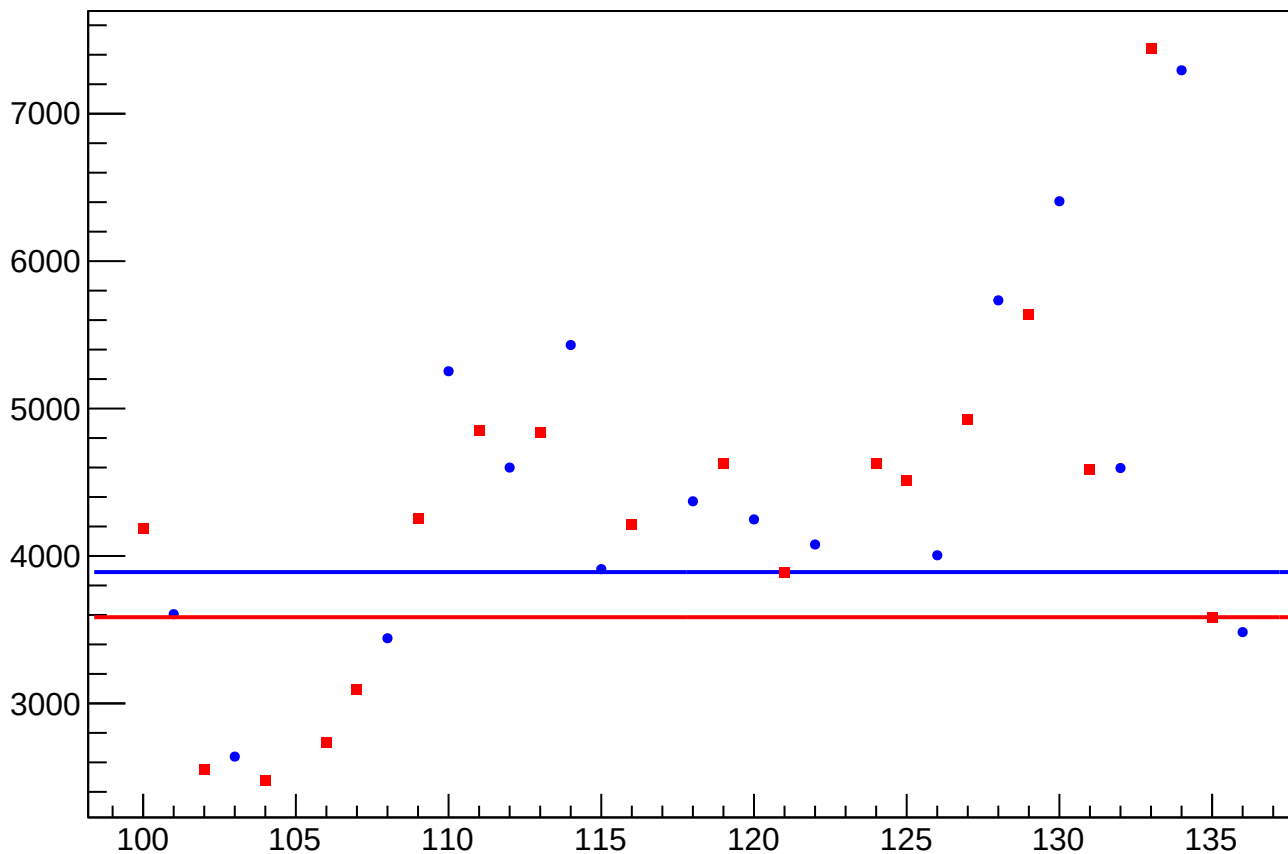
Right: 658.841+/-1019.888 χ^2/NDF : 28.0/33

In: 1120.159+/-1497.669 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.841+/-1019.888 χ^2/NDF : 28.0/33

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: 3584.697+/-0.985 χ^2/NDF : 1221565.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

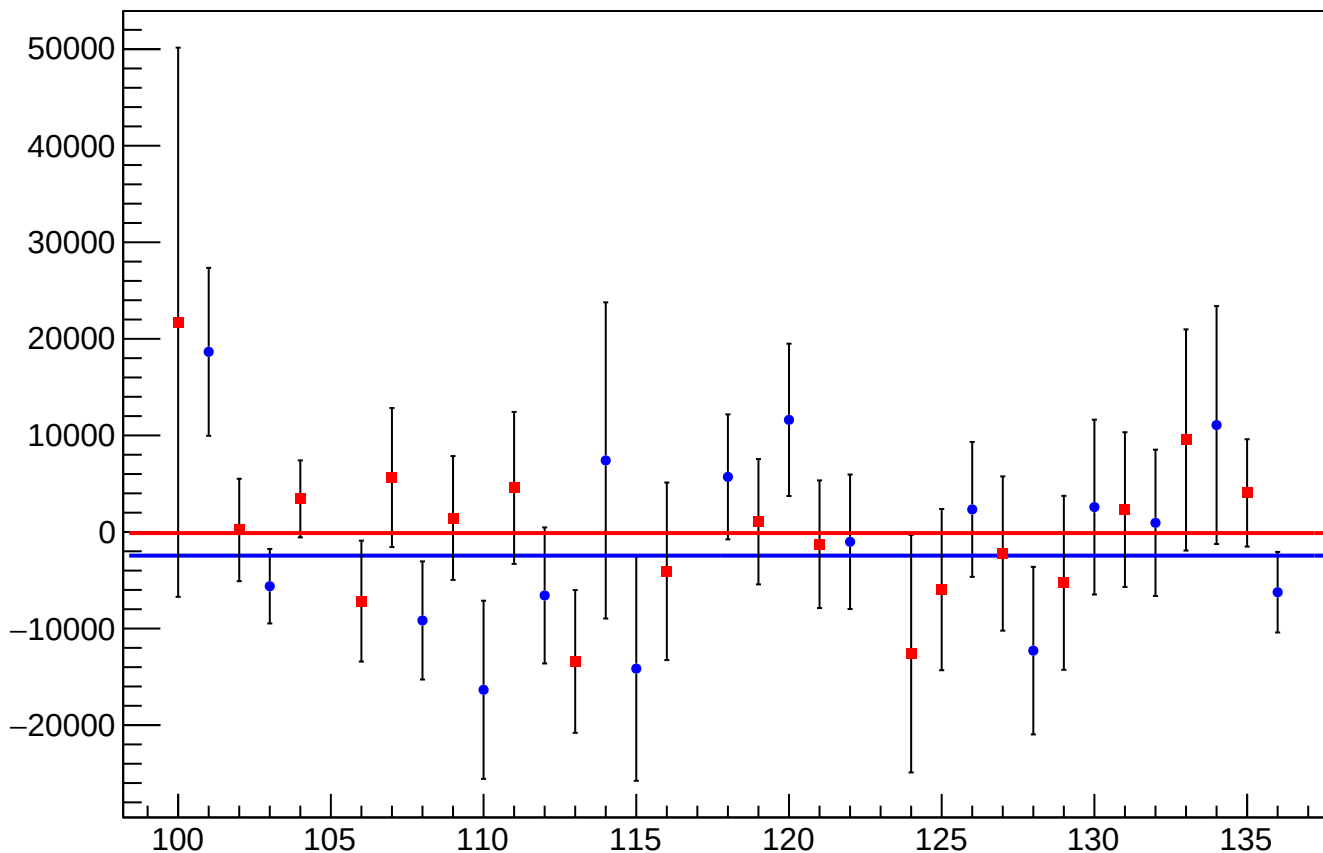
Right: 3726.605+/-0.721 χ^2/NDF : 2144749.8/33

In: 3890.705+/-1.059 χ^2/NDF : 878409.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3726.605+/-0.721 χ^2/NDF : 2144749.8/33

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: -112.625 $\pm$ 1652.277 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

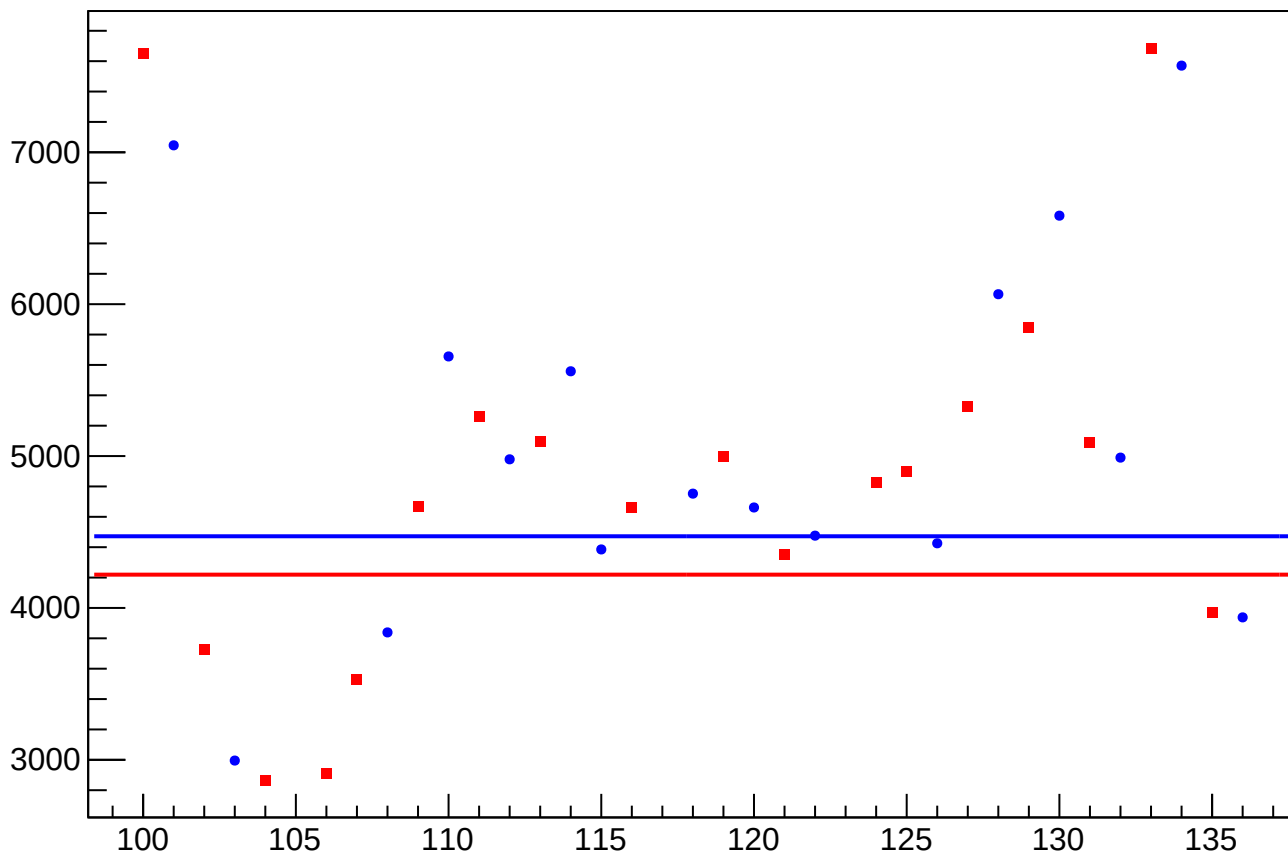
Right: -1233.765 $\pm$ 1191.457 χ^2 /NDF: 32.3/33

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: -1233.765 $\pm$ 1191.457 χ^2 /NDF: 32.3/33

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: 4219.212+/-1.158 χ^2/NDF : 843306.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

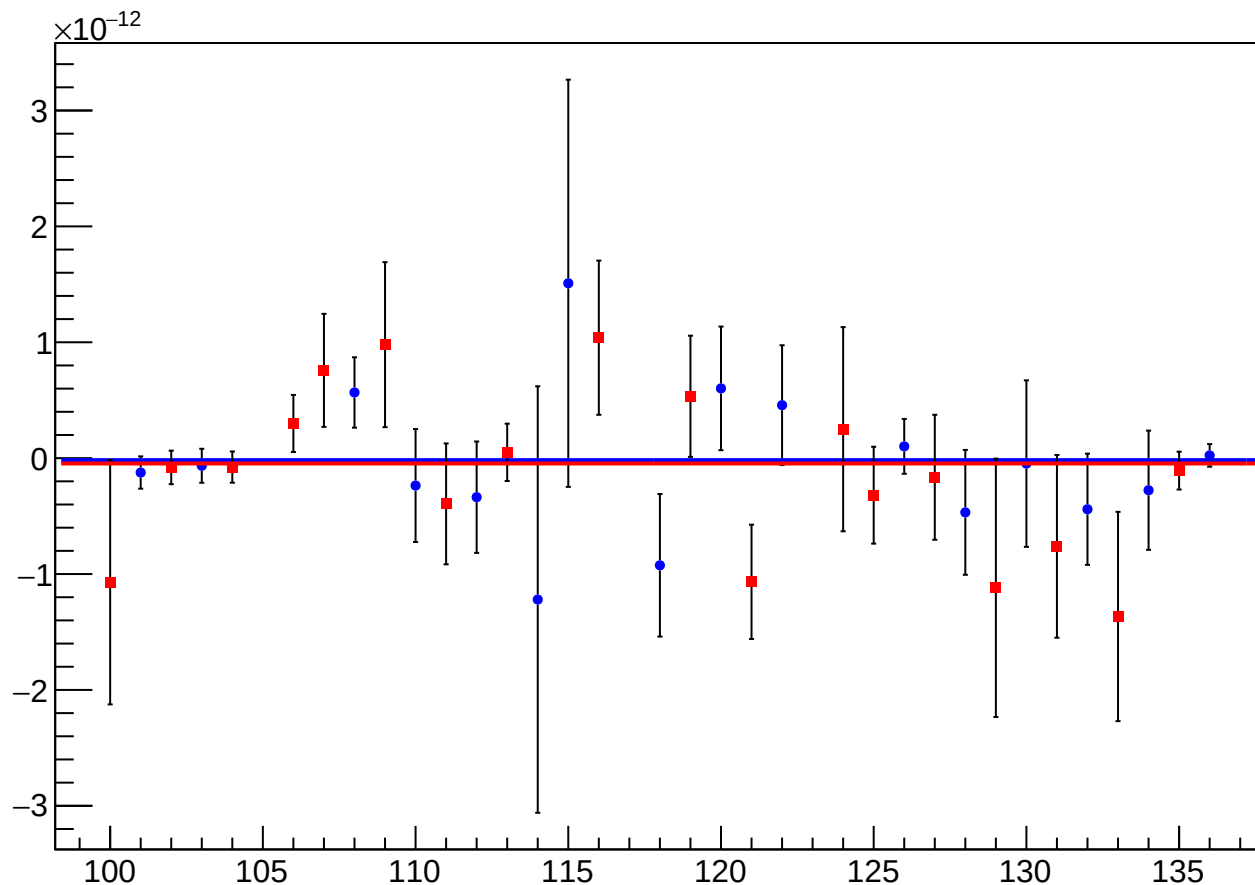
Right: 4339.437+/-0.839 χ^2/NDF : 1757622.5/33

In: 4471.904+/-1.216 χ^2/NDF : 891678.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4339.437+/-0.839 χ^2/NDF : 1757622.5/33

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 : 21.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

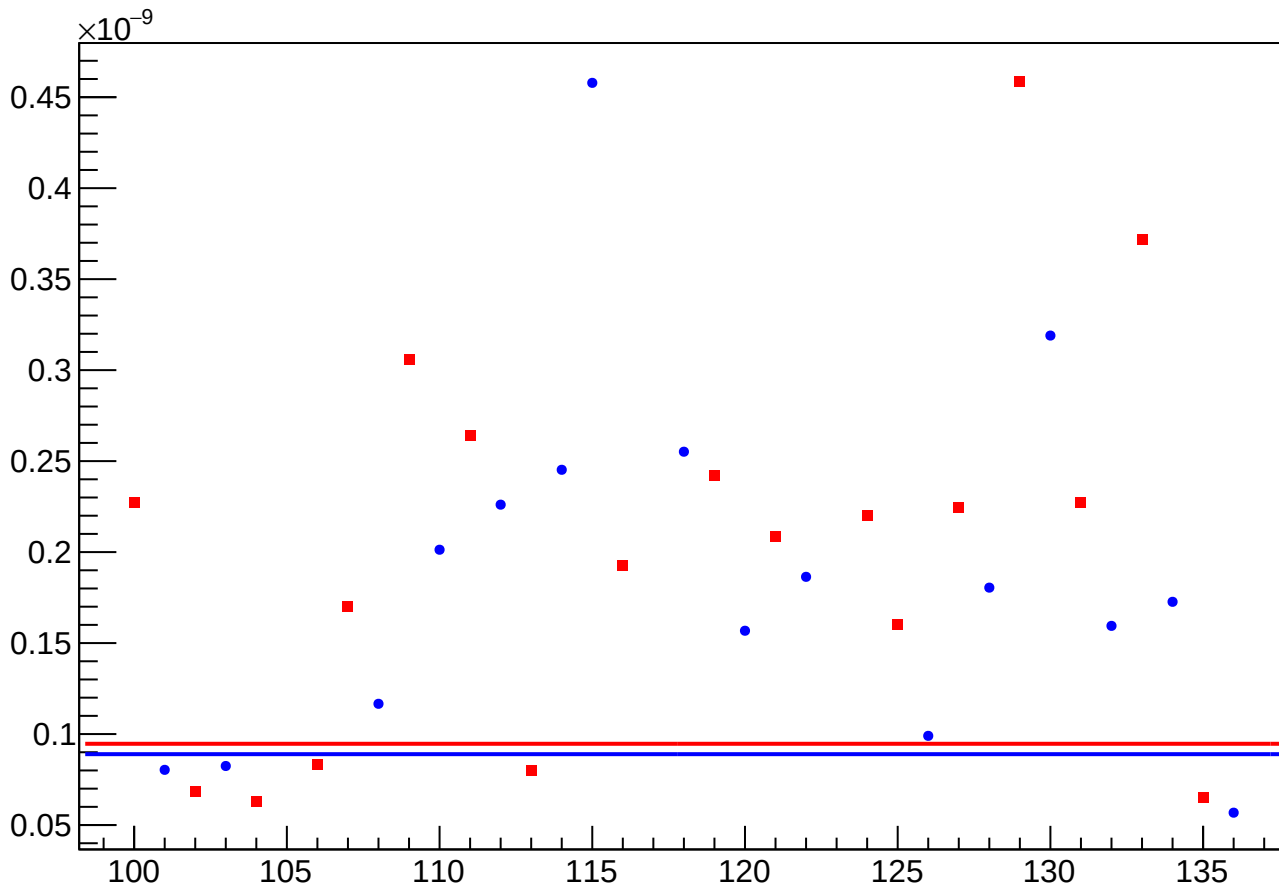
Right: -0.000+/-0.000 χ^2/NDF : 34.1/33

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 : 34.1/33

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 : 1694041.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

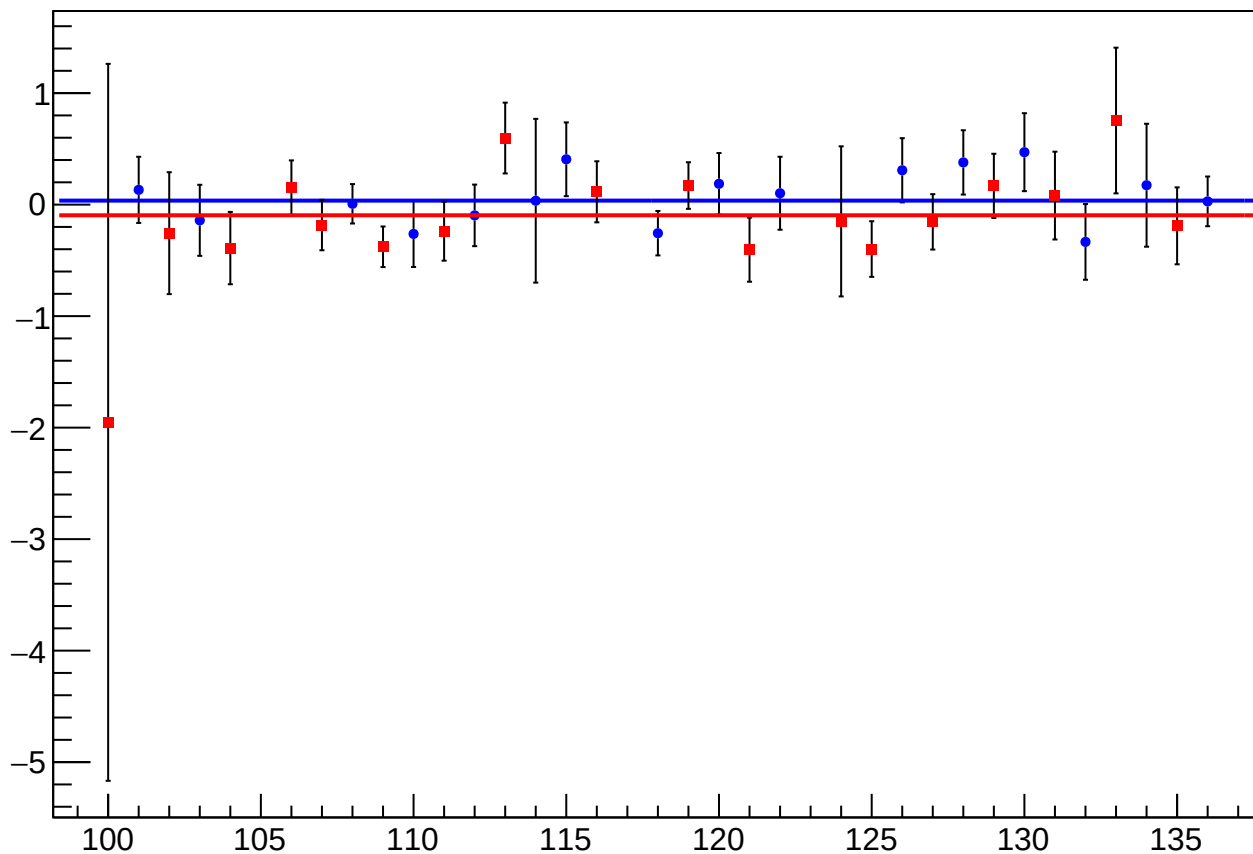
Right: 0.000+/-0.000 χ^2/NDF : 2931854.5/33

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 : 2931854.5/33

asym_atr_dd_dit_vs_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: -0.095 $\pm$ 0.068 χ^2 /NDF: 17.6/17

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

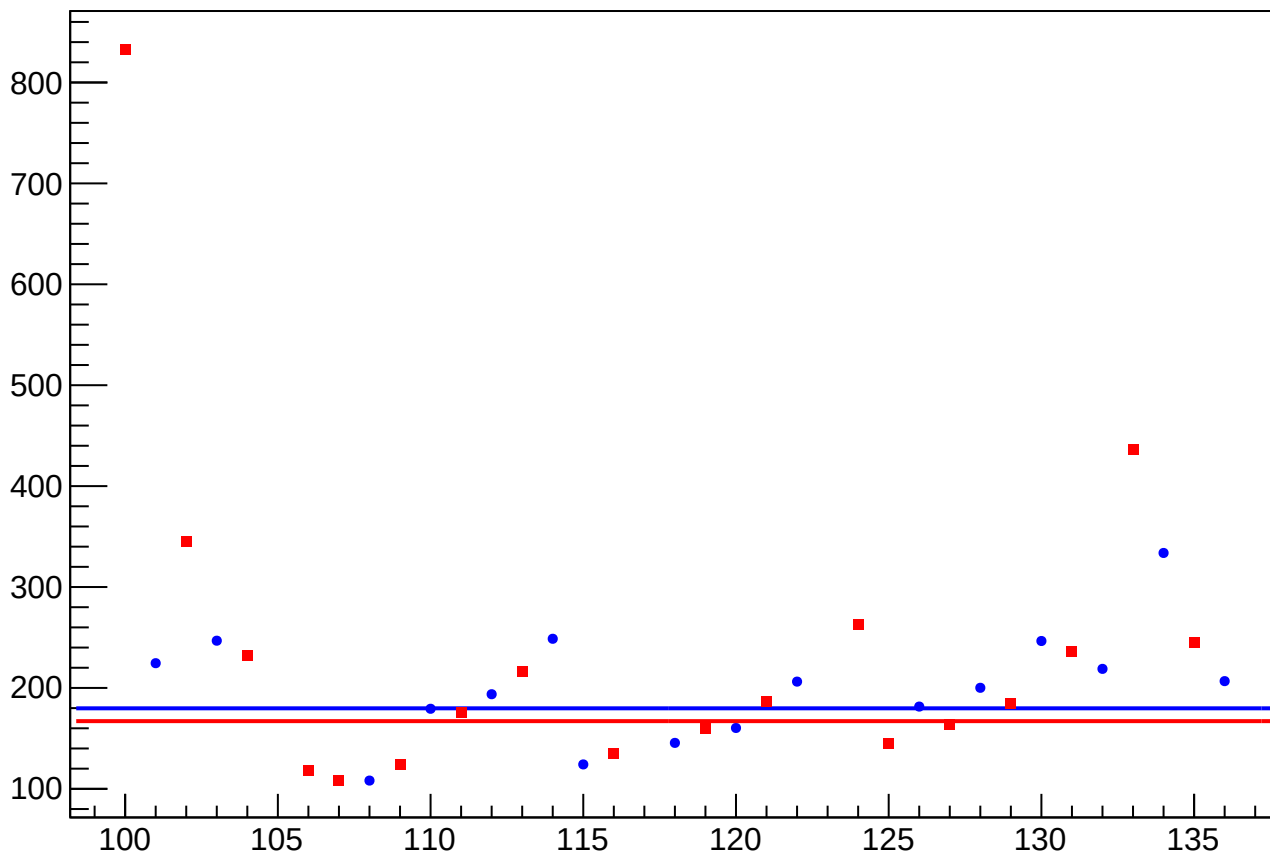
Right: -0.032 $\pm$ 0.049 χ^2 /NDF: 29.9/33

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: 29.9/33

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: 167.095+/-0.048 χ^2/NDF : 1358847.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

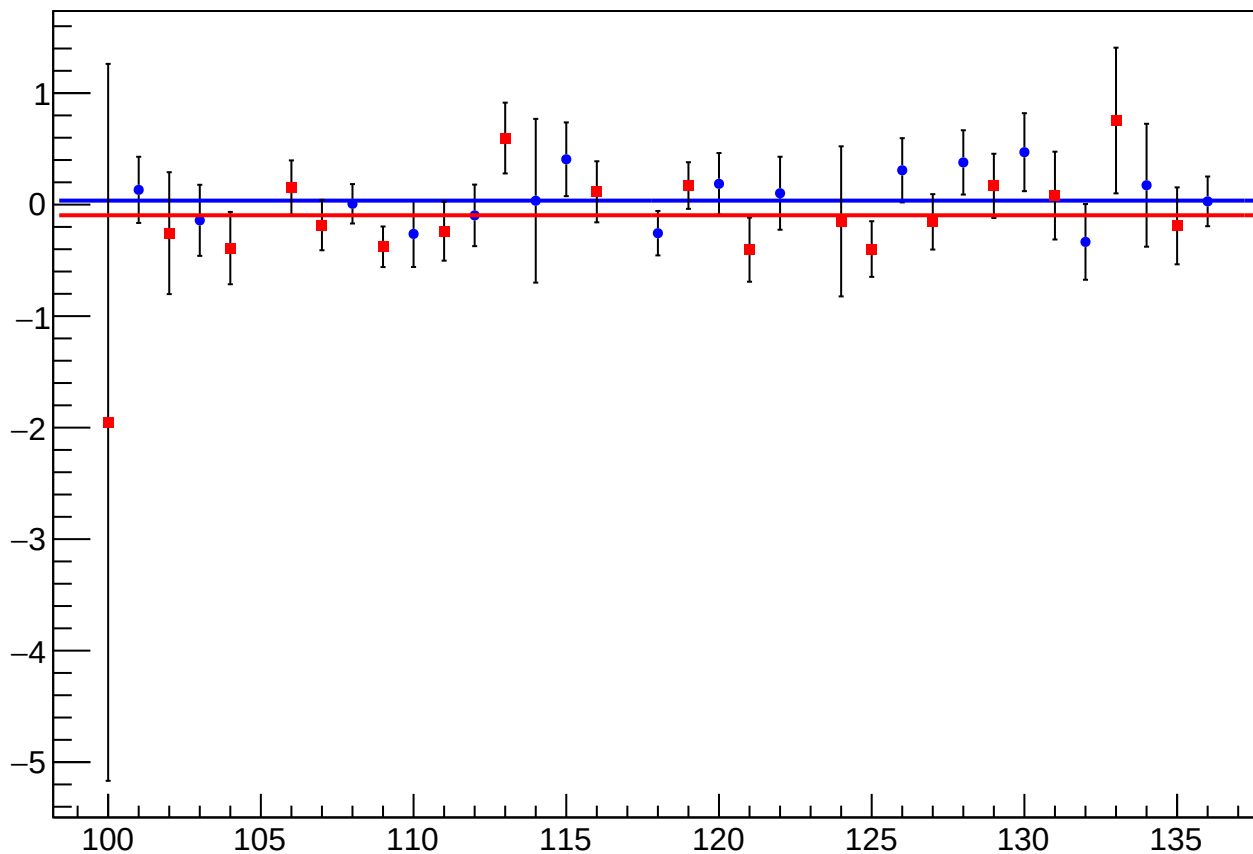
Right: 173.217+/-0.035 χ^2/NDF : 2310934.0/33

In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.217+/-0.035 χ^2/NDF : 2310934.0/33

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: -0.095 $\pm$ 0.068 χ^2 /NDF: 17.6/17

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

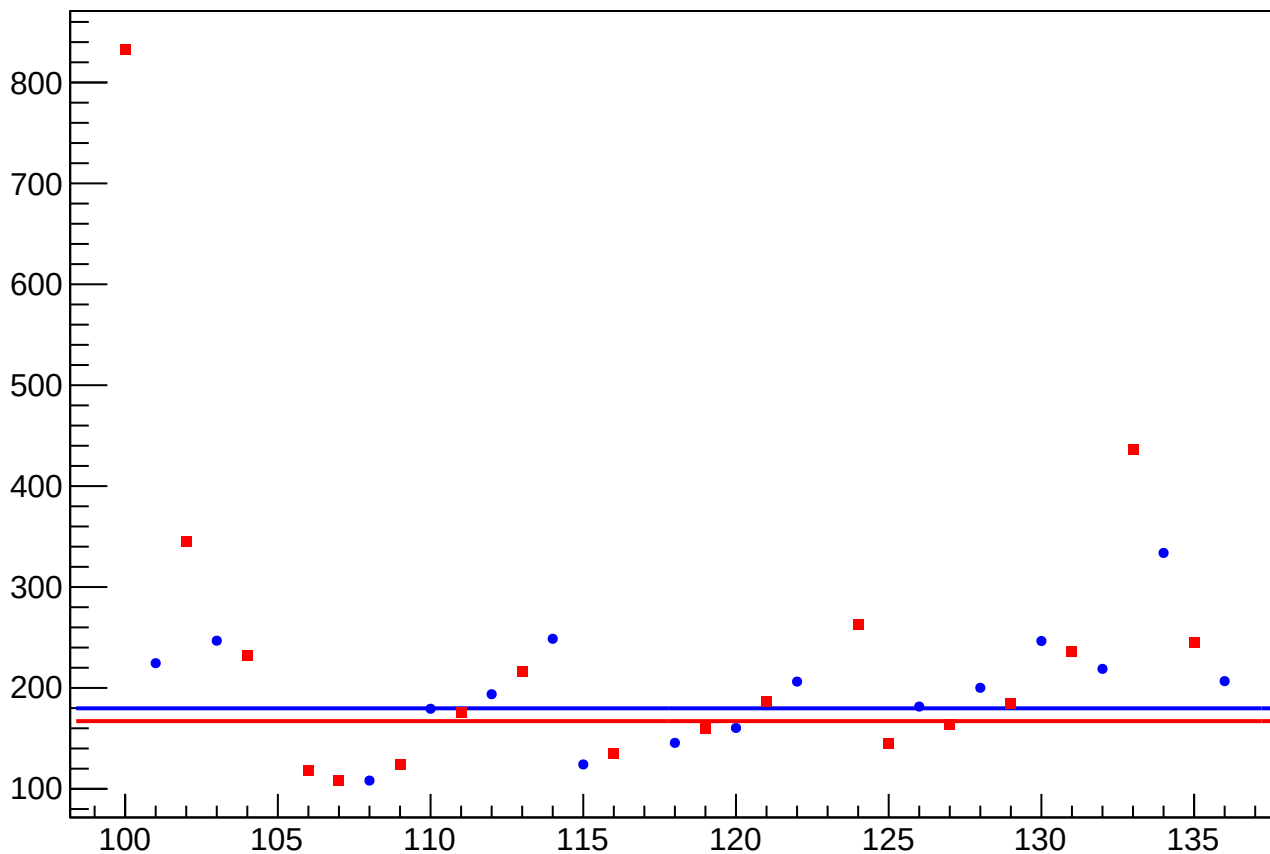
Right: -0.032 $\pm$ 0.049 χ^2 /NDF: 29.9/33

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: 29.9/33

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: 167.095+/-0.048 χ^2/NDF : 1358847.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

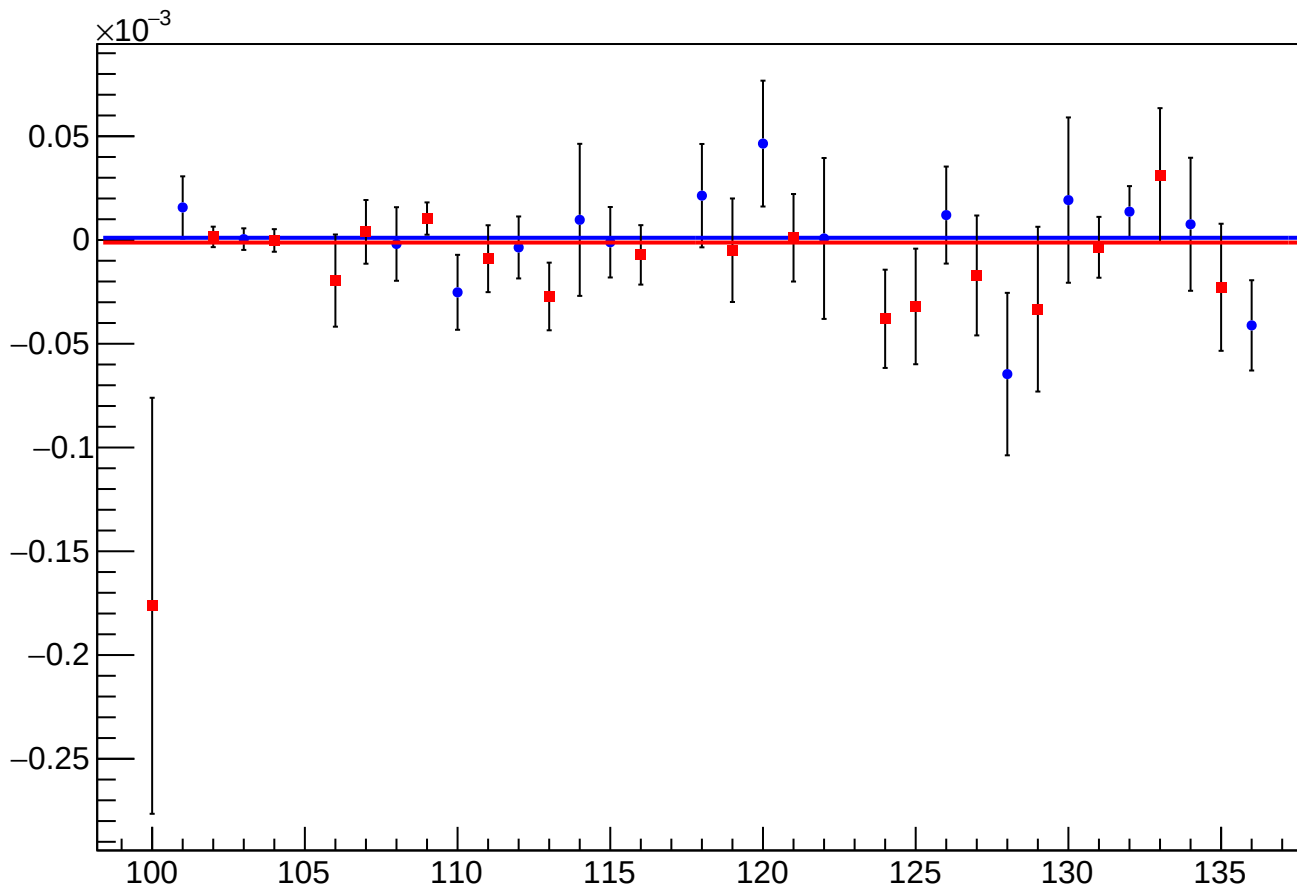
Right: 173.217+/-0.035 χ^2/NDF : 2310934.0/33

In: 179.796+/-0.050 χ^2/NDF : 918536.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.217+/-0.035 χ^2/NDF : 2310934.0/33

asym_atr_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 : 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

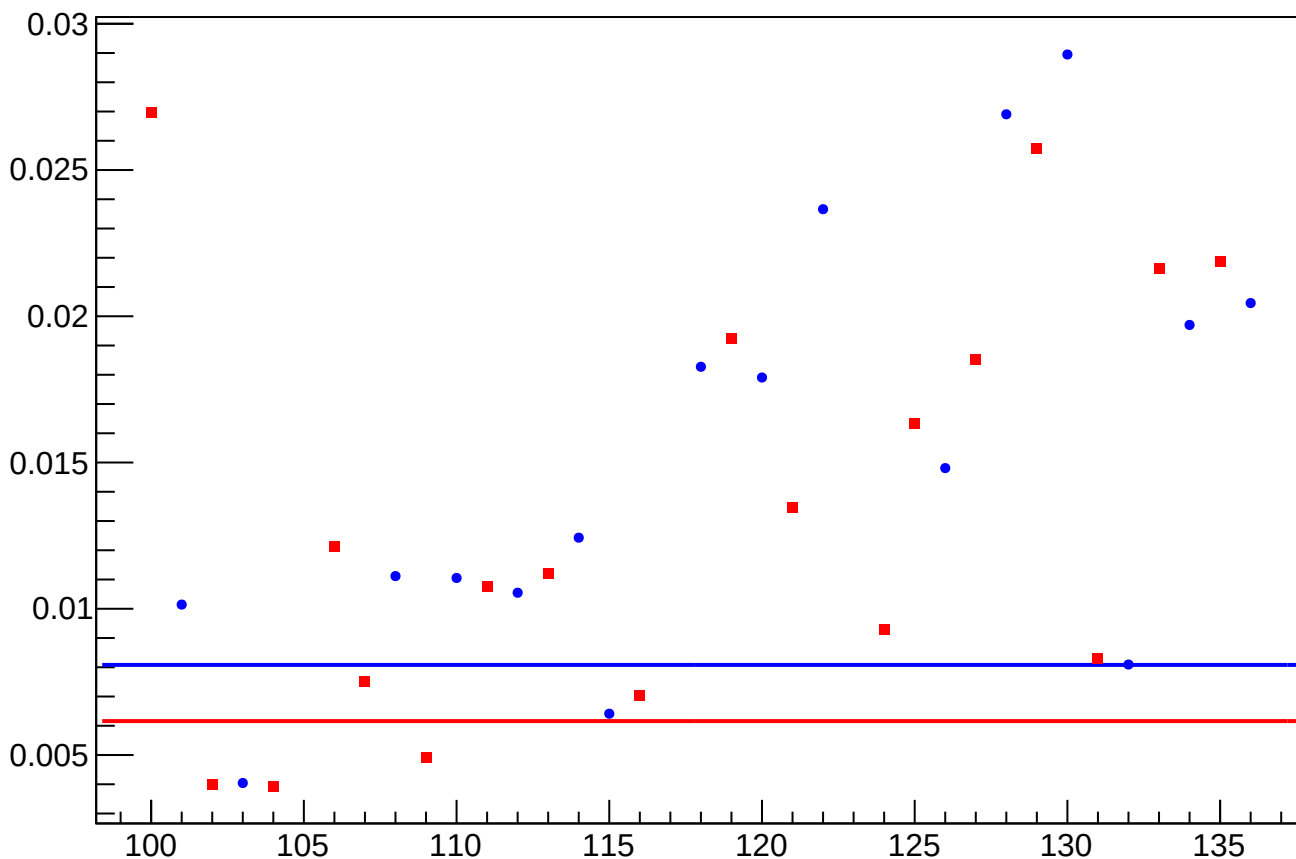
Right: -0.000+/-0.000 χ^2/NDF : 30.0/33

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 : 30.0/33

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 : 4365054.3/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 9117794.5/33

In: 0.008+/-0.000

χ^2/NDF : 4413462.8/15

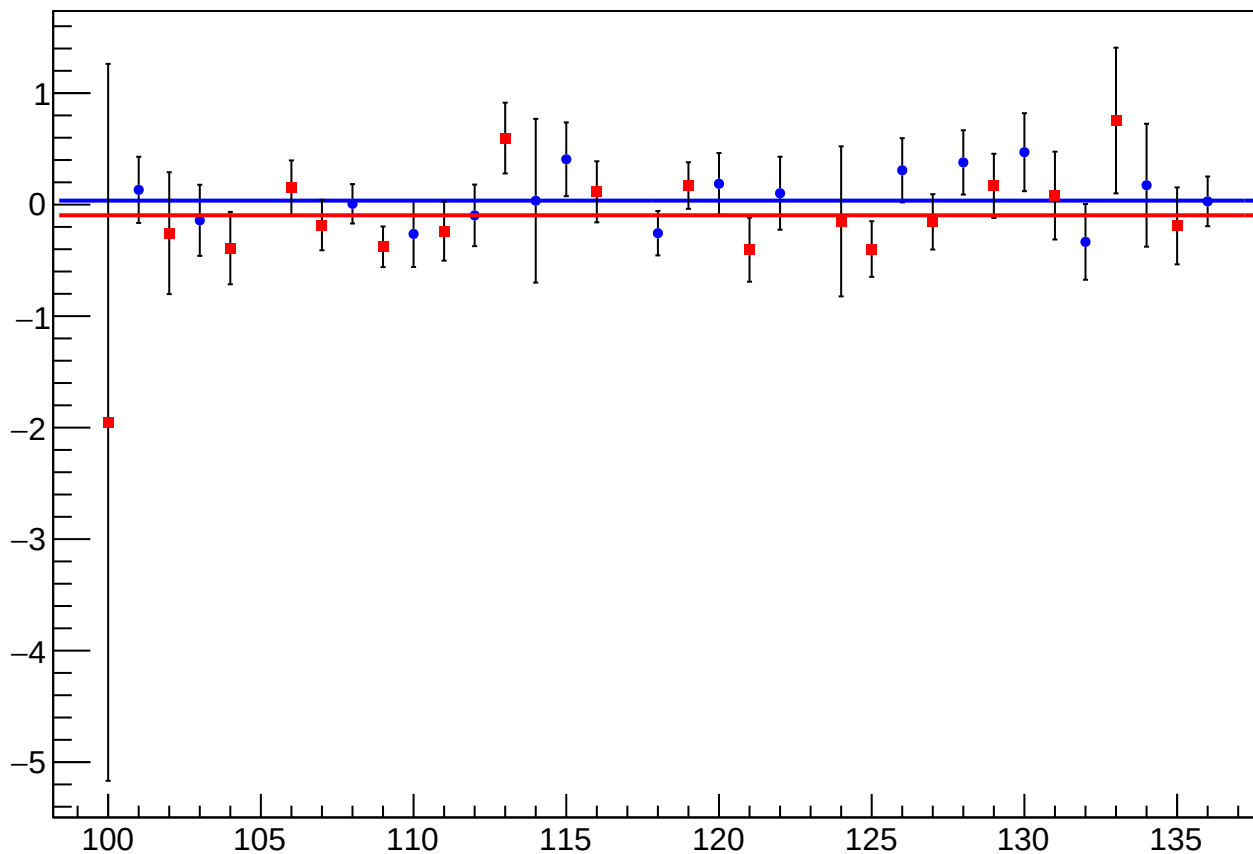
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 9117794.5/33

asym_atr_dd_eigen_dit_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: -0.095 $\pm$ 0.068 χ^2 /NDF: 17.6/17

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

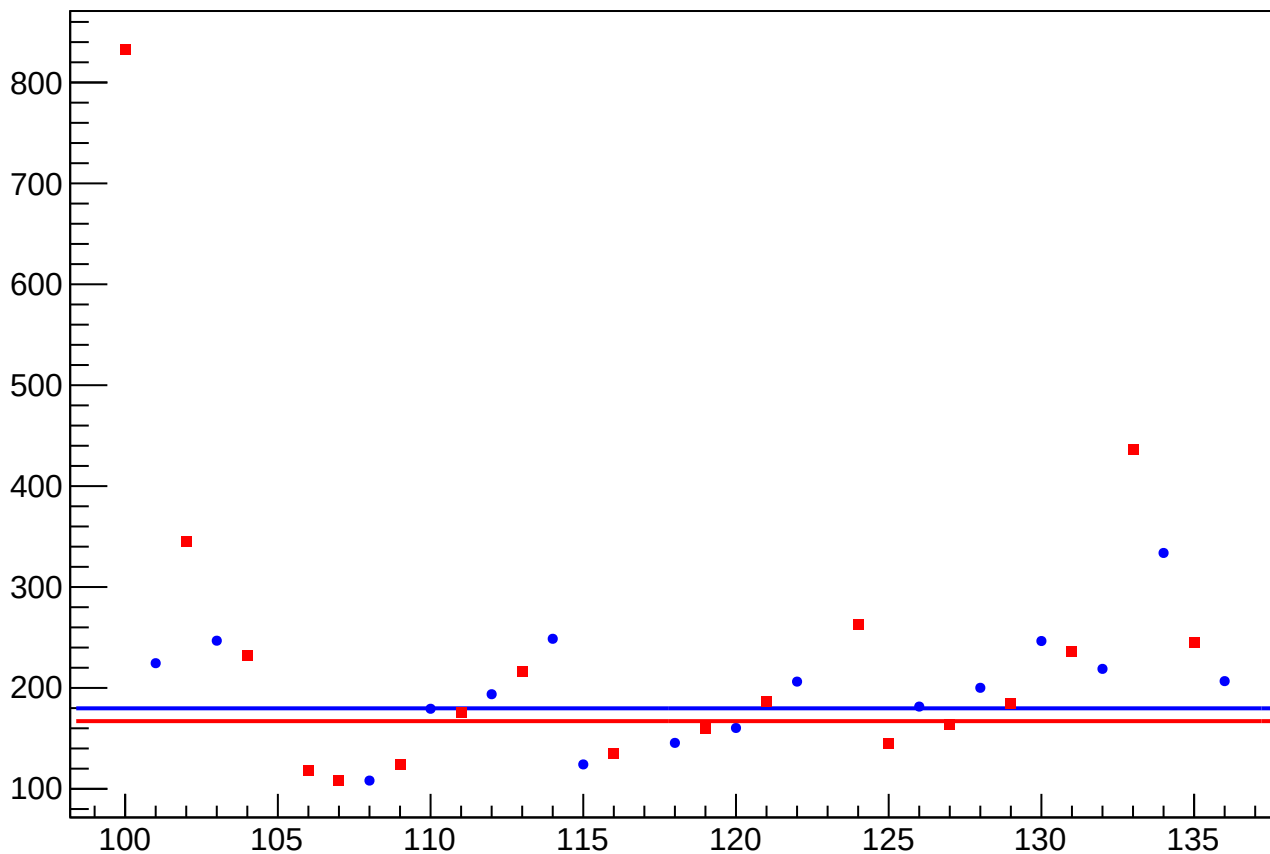
Right: -0.032 $\pm$ 0.049 χ^2 /NDF: 29.9/33

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: 29.9/33

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: 167.094+/-0.048 χ^2/NDF : 1358840.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

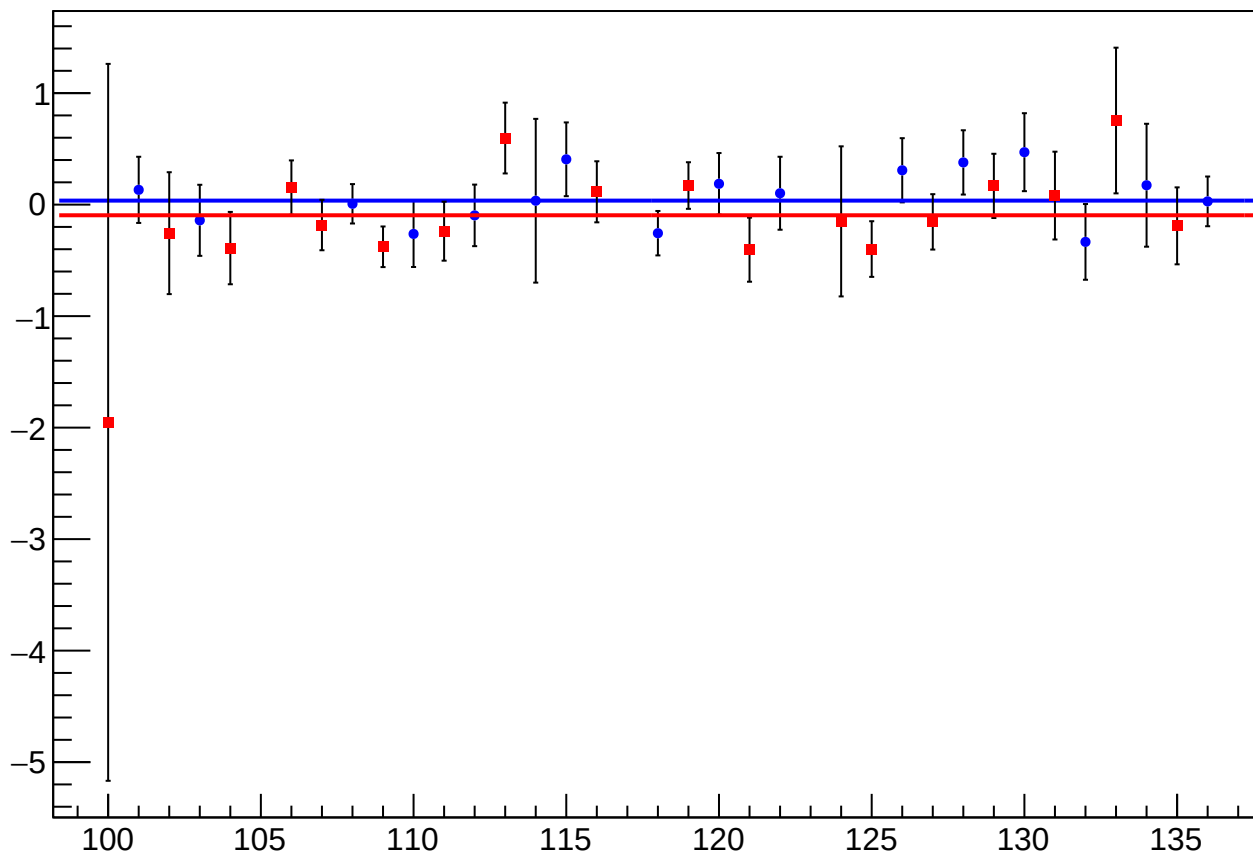
Right: 173.215+/-0.035 χ^2/NDF : 2310962.4/33

In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.215+/-0.035 χ^2/NDF : 2310962.4/33

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: -0.095 $\pm$ 0.068 χ^2/NDF : 17.6/17

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

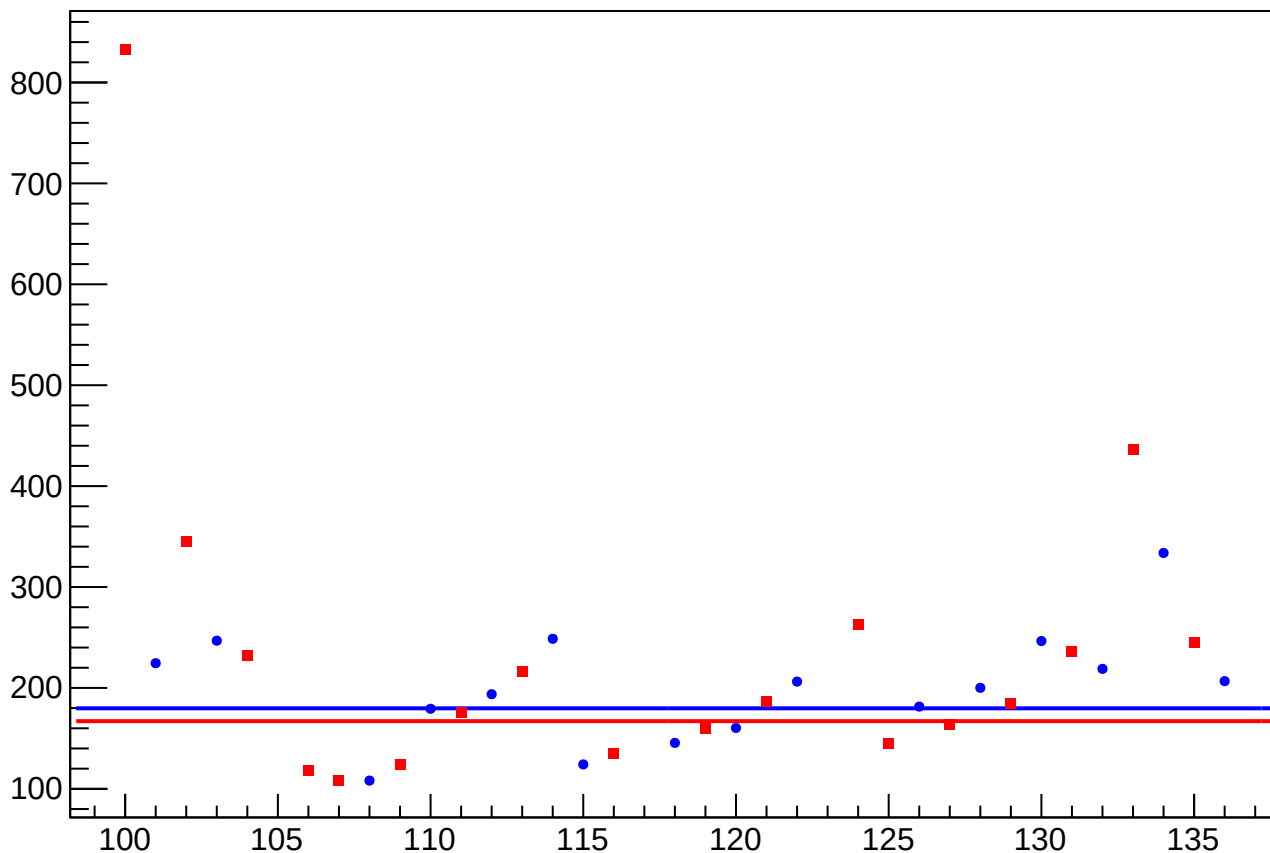
Right: -0.032 $\pm$ 0.049 χ^2/NDF : 29.9/33

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 : 29.9/33

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: 167.094+/-0.048 χ^2/NDF : 1358840.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

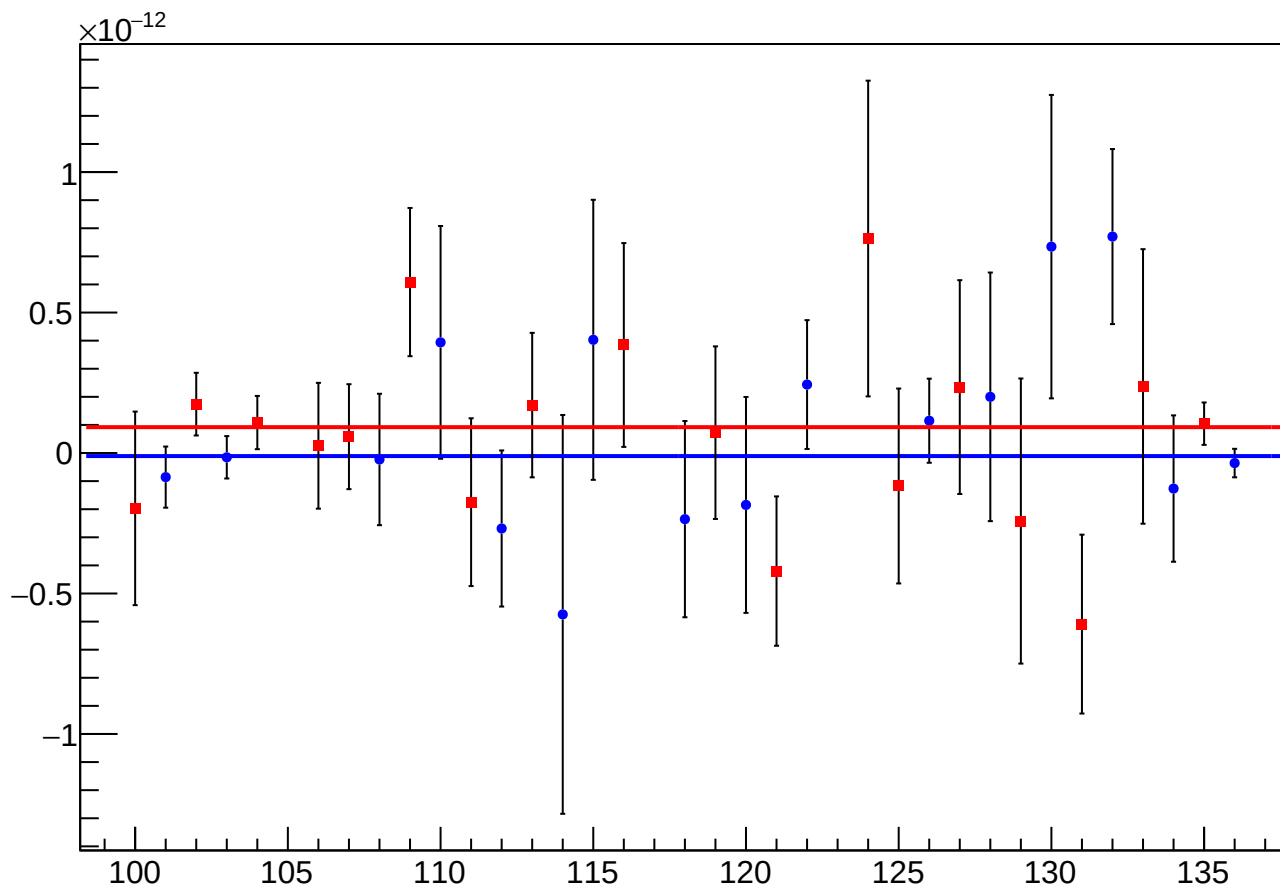
Right: 173.215+/-0.035 χ^2/NDF : 2310962.4/33

In: 179.793+/-0.050 χ^2/NDF : 918583.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.215+/-0.035 χ^2/NDF : 2310962.4/33

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 : 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

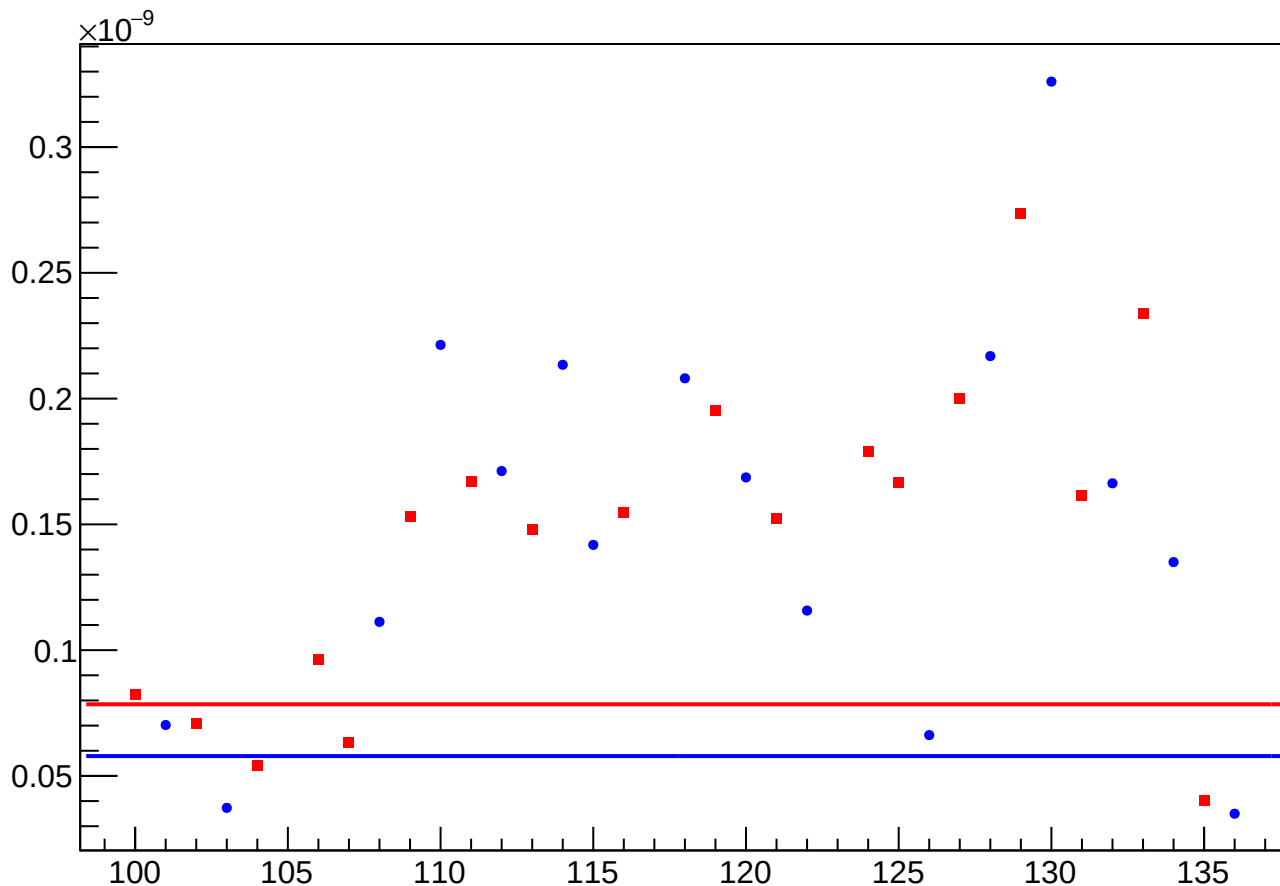
Right: 0.000+/-0.000 χ^2/NDF : 36.2/33

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 : 36.2/33

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 3322992.5/15

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2729956.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

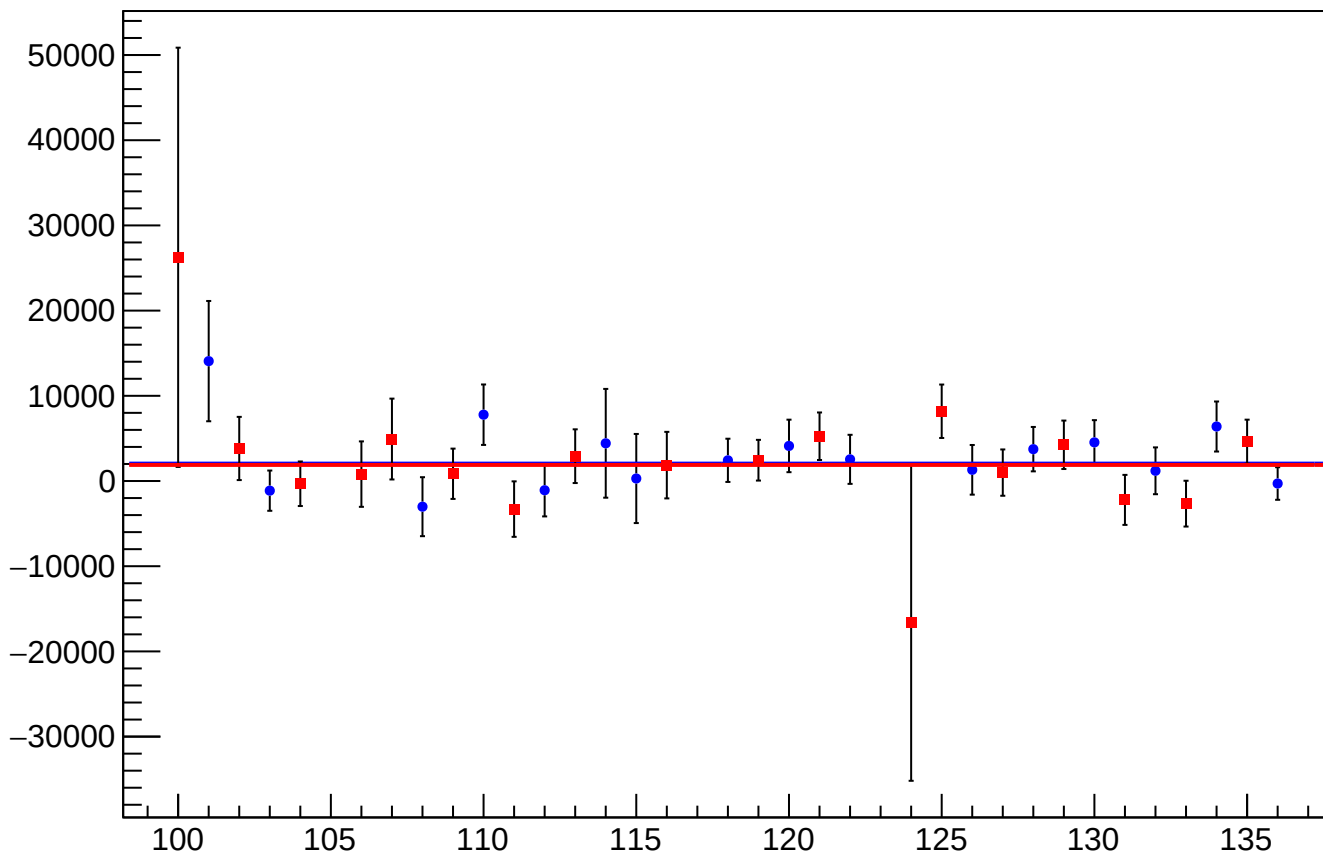
Right: 0.000+/-0.000 χ^2/NDF : 6325000.3/33

In: 0.000+/-0.000 χ^2/NDF : 3322992.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6325000.3/33

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: 1889.995+/-749.457 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

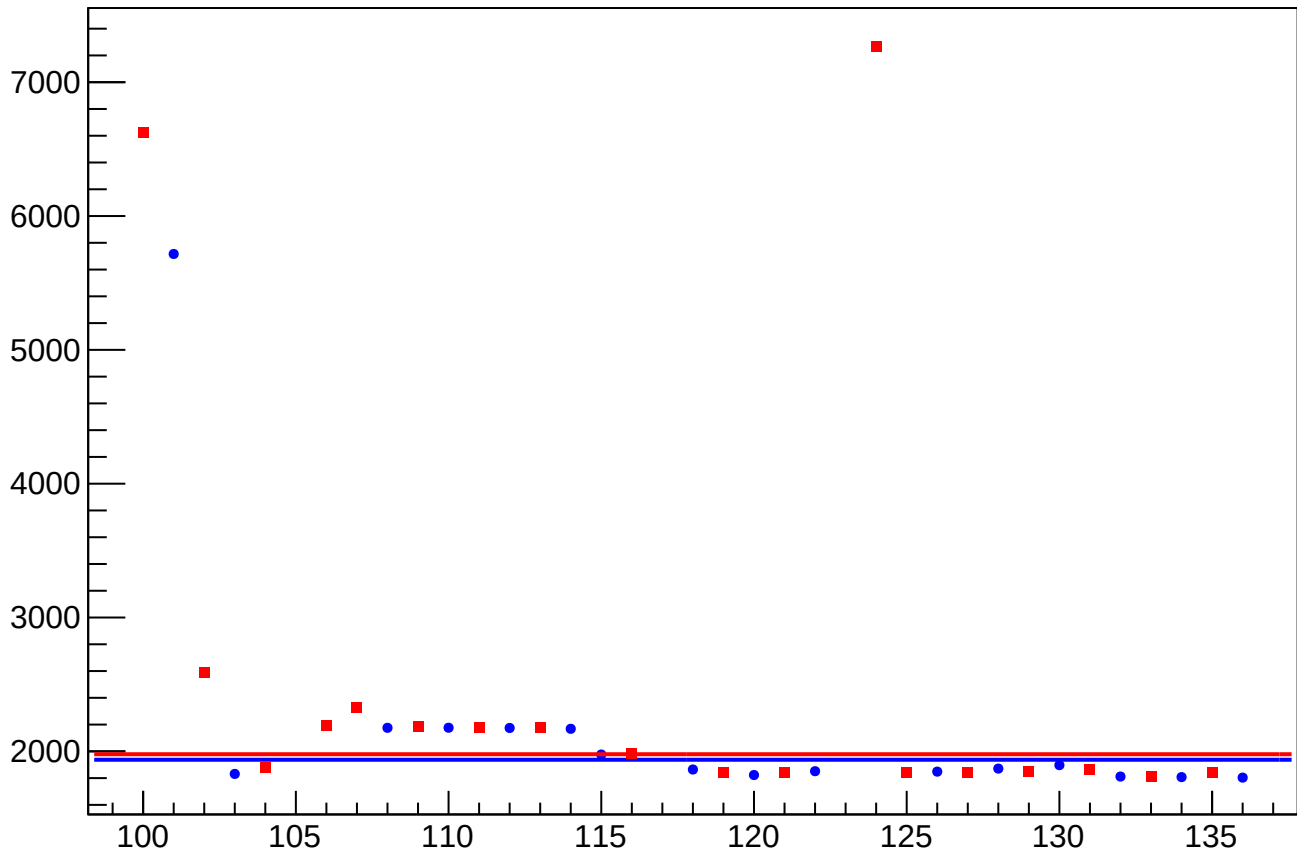
Right: 1965.934+/-525.200 χ^2/NDF : 35.0/33

In: 2039.211+/-736.211 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1965.934+/-525.200 χ^2/NDF : 35.0/33

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: 1978.439+/-0.530 χ^2/NDF : 374118.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

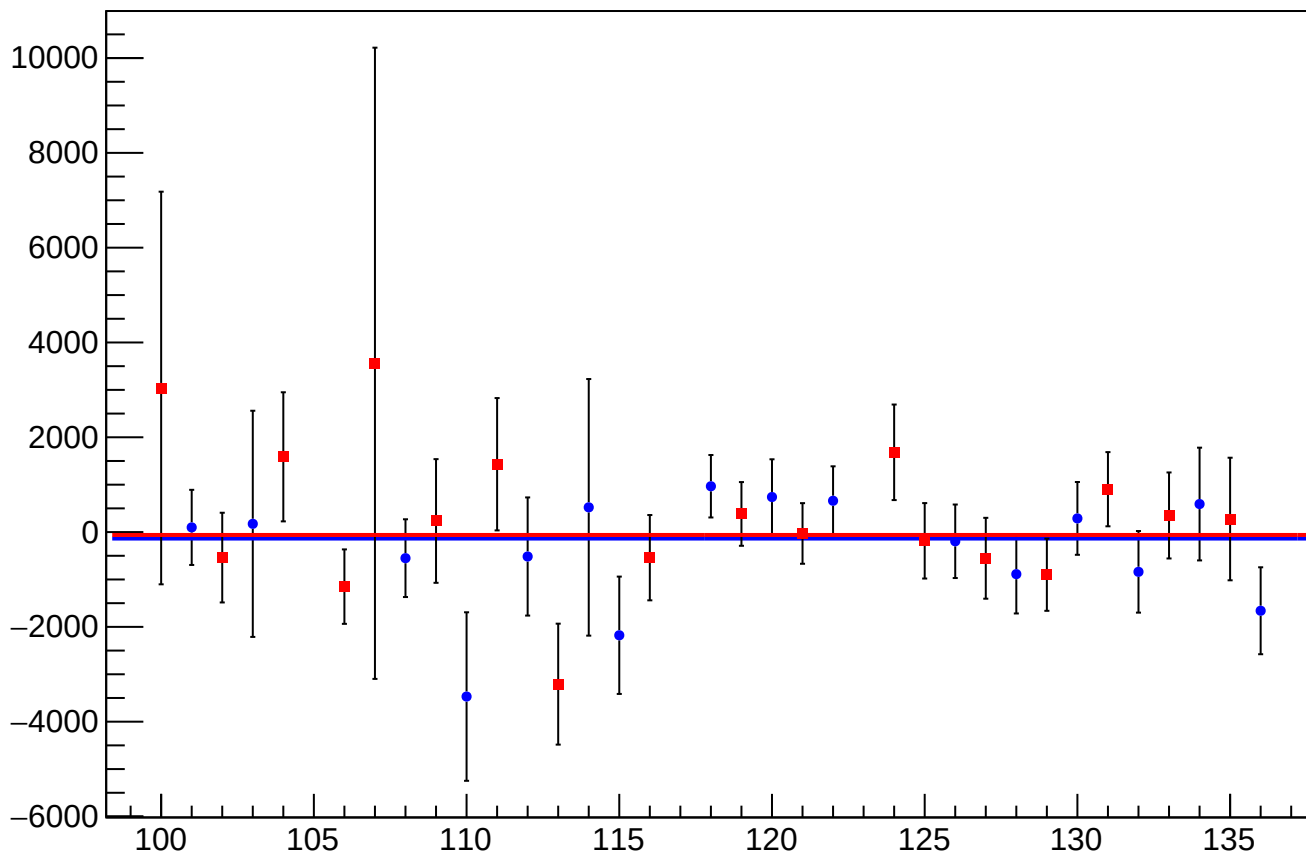
Right: 1957.478+/-0.371 χ^2/NDF : 1015285.0/33

In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1957.478+/-0.371 χ^2/NDF : 1015285.0/33

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: -60.896+/-223.183 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

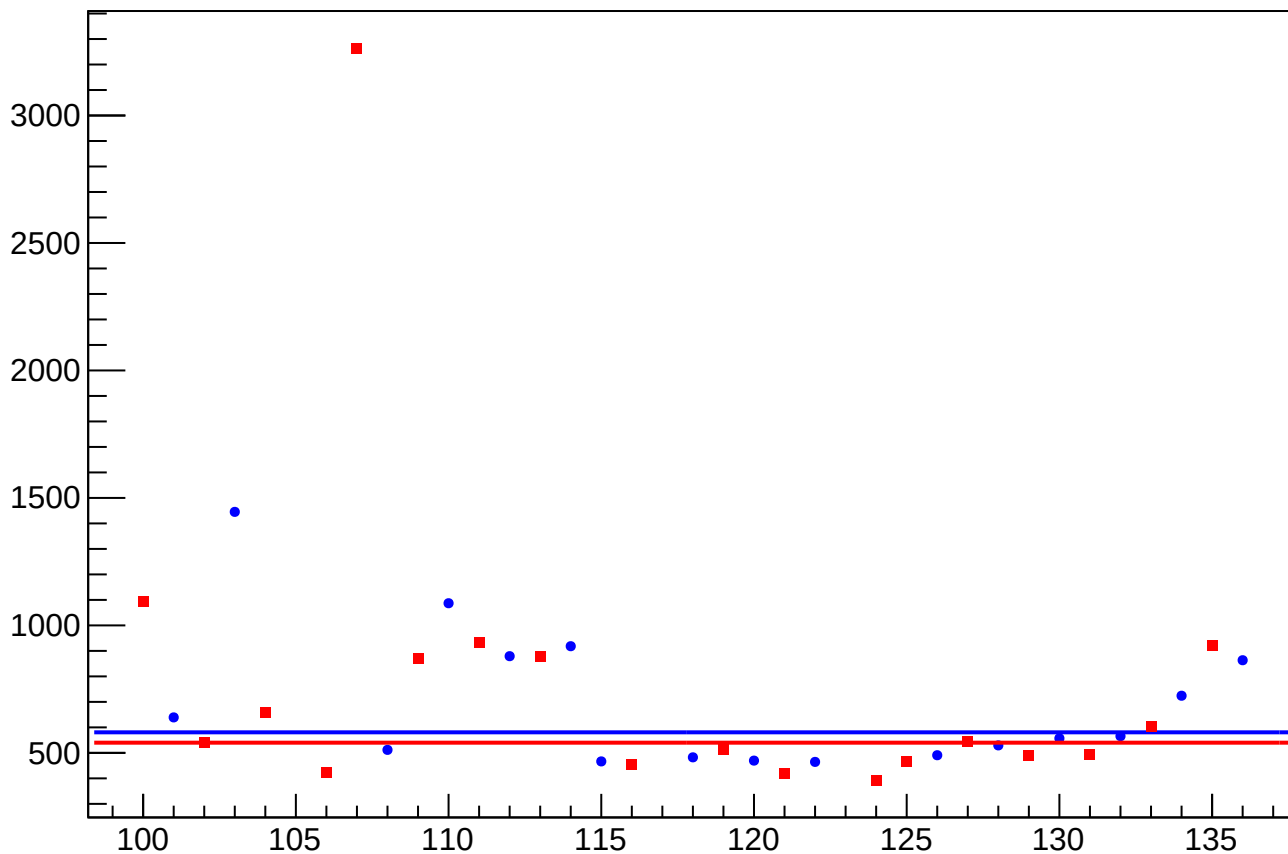
Right: -97.559+/-160.315 χ^2 /NDF: 35.8/33

In: -136.643+/-230.431 χ^2 /NDF:16.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -97.559+/-160.315 χ^2 /NDF: 35.8/33

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: 539.999+/-0.158 χ^2/NDF : 1208407.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

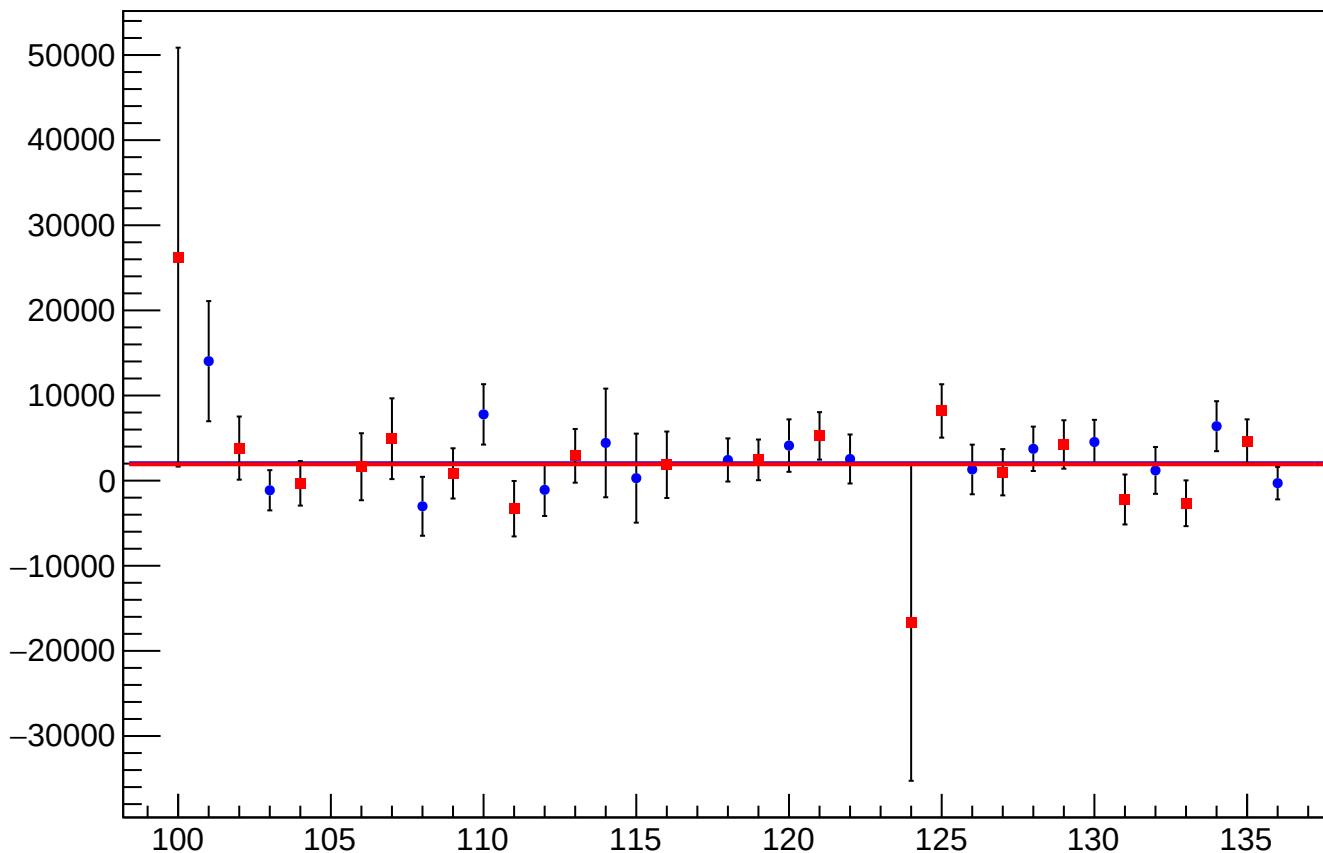
Right: 559.656+/-0.113 χ^2/NDF : 2243872.5/33

In: 580.611+/-0.163 χ^2/NDF :1003410.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 559.656+/-0.113 χ^2/NDF : 2243872.5/33

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: 1922.103+/-750.140 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

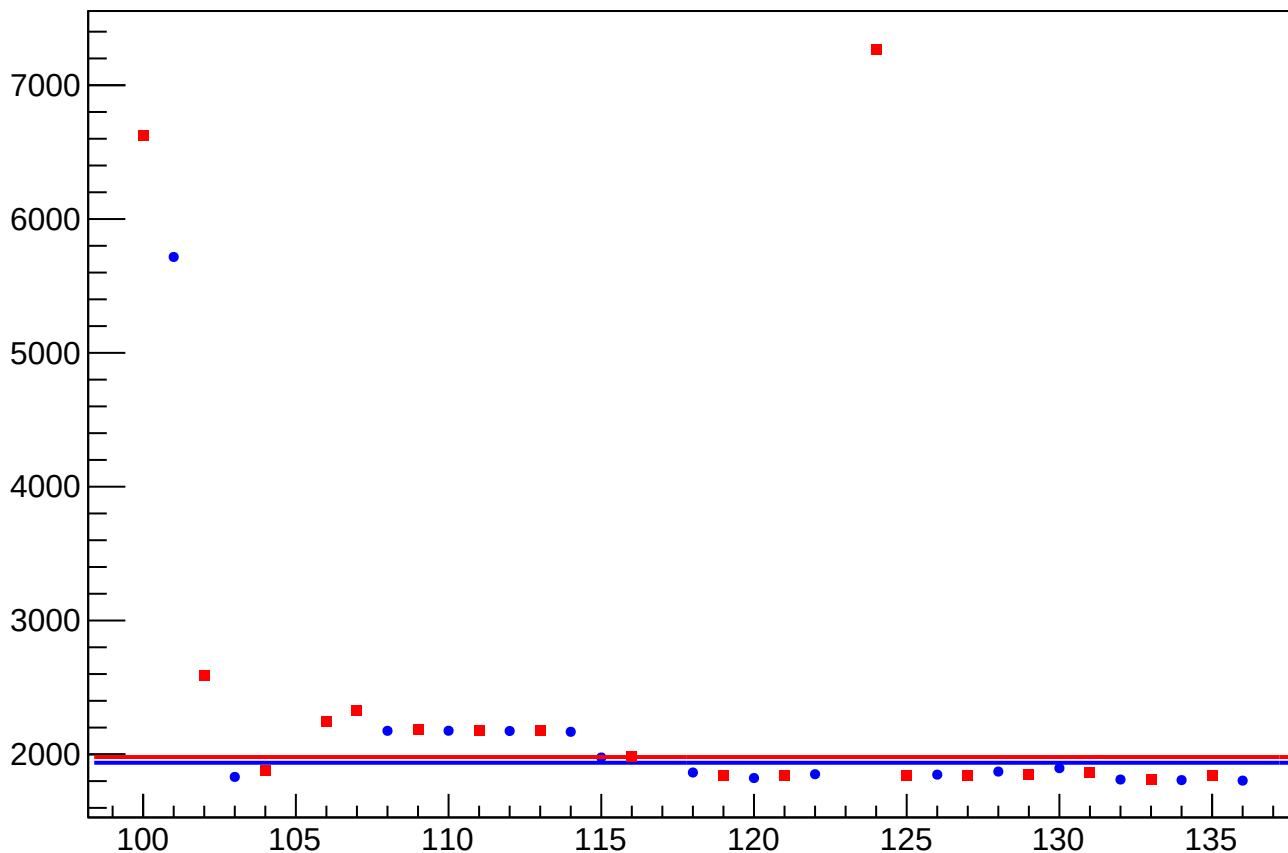
Right: 1981.566+/-525.435 χ^2/NDF : 34.9/33

In: 2038.842+/-736.211 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1981.566+/-525.435 χ^2/NDF : 34.9/33

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: 1979.893+/-0.530 χ^2/NDF : 376953.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

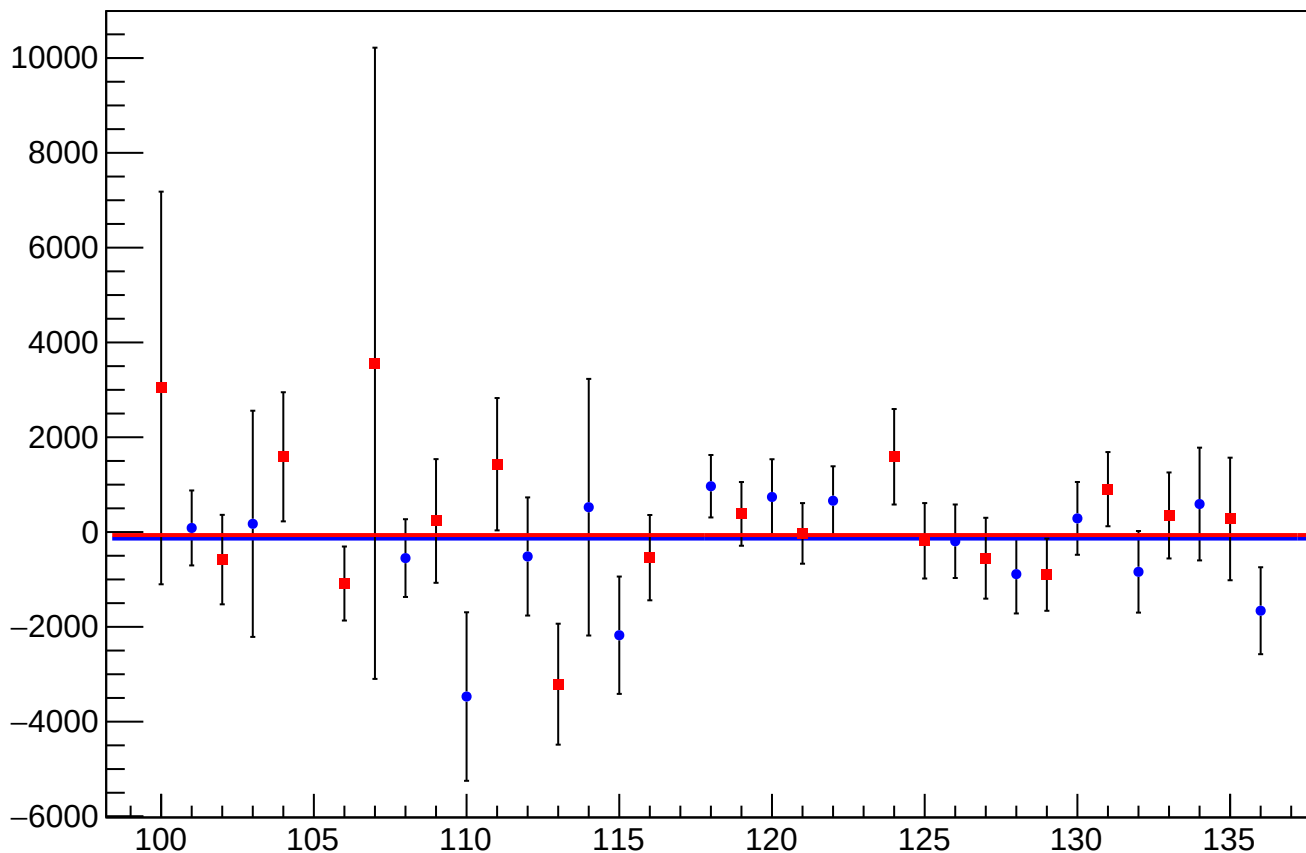
Right: 1958.172+/-0.372 χ^2/NDF : 1018337.6/33

In: 1937.251+/-0.521 χ^2/NDF : 638092.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1958.172+/-0.372 χ^2/NDF : 1018337.6/33

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: -63.613+/-223.043 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

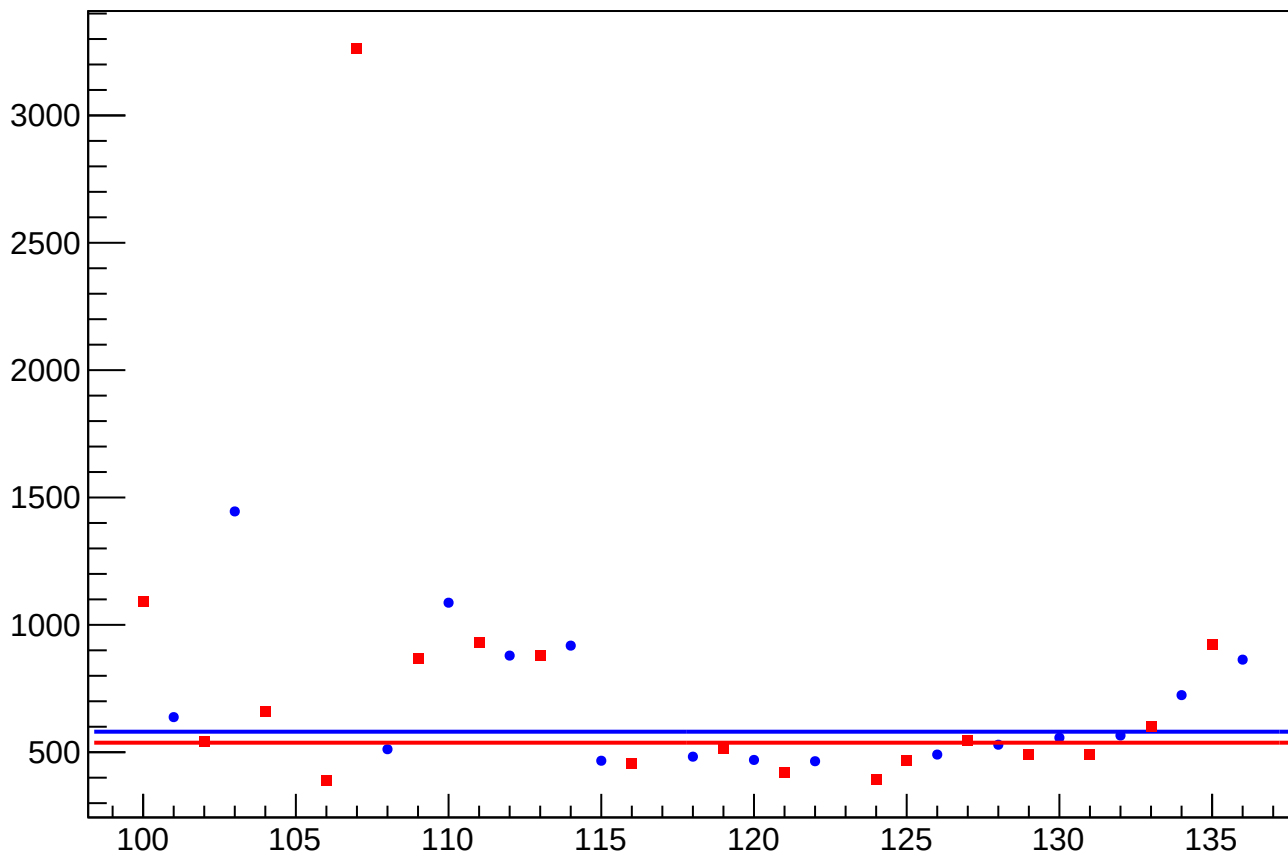
Right: -99.356+/-160.247 χ^2/NDF : 35.3/33

In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.356+/-160.247 χ^2/NDF : 35.3/33

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: 537.386+/-0.158 χ^2/NDF : 1238648.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

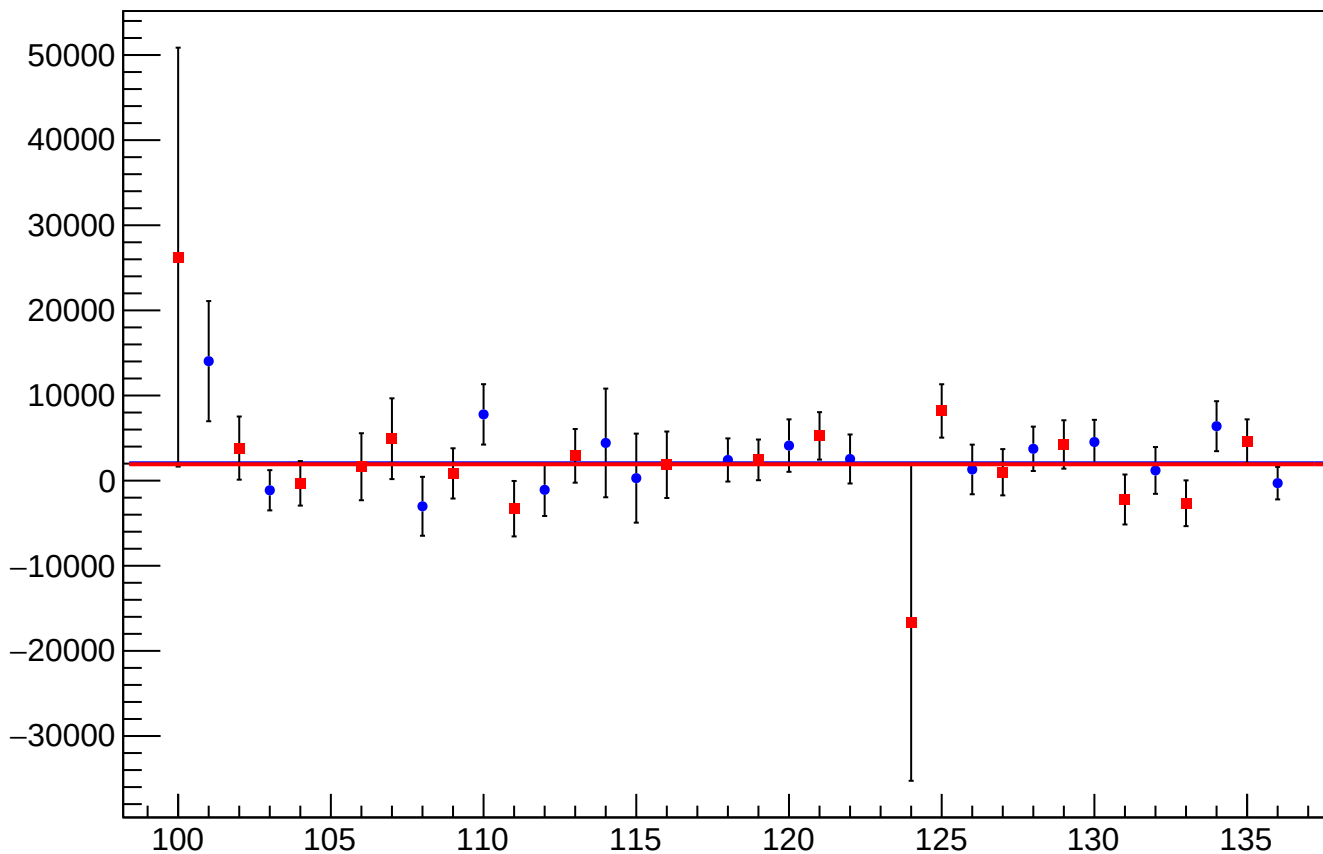
Right: 558.254+/-0.113 χ^2/NDF : 2277736.7/33

In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.254+/-0.113 χ^2/NDF : 2277736.7/33

eigen_cor_asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2038.842 $\pm$ 736.211 χ^2 /NDF: 16.4/15

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

Right Out: 1922.103 $\pm$ 750.140 χ^2 /NDF: 18.4/17

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

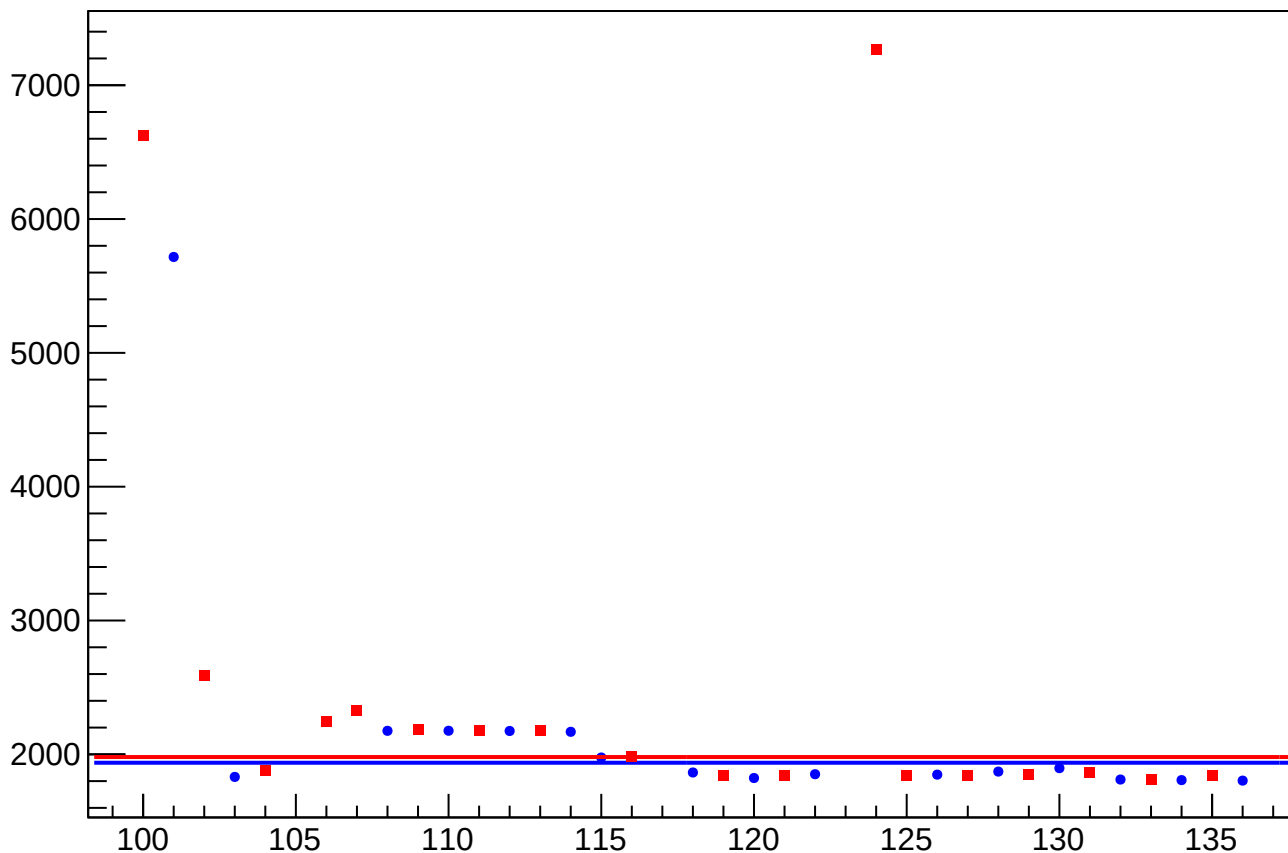
Right: 1981.566 $\pm$ 525.435 χ^2 /NDF: 34.9/33

In: 2038.842 $\pm$ 736.211 χ^2 /NDF:16.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1981.566 $\pm$ 525.435 χ^2 /NDF: 34.9/33

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: 1979.893+/-0.530 χ^2 /NDF: 376953.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

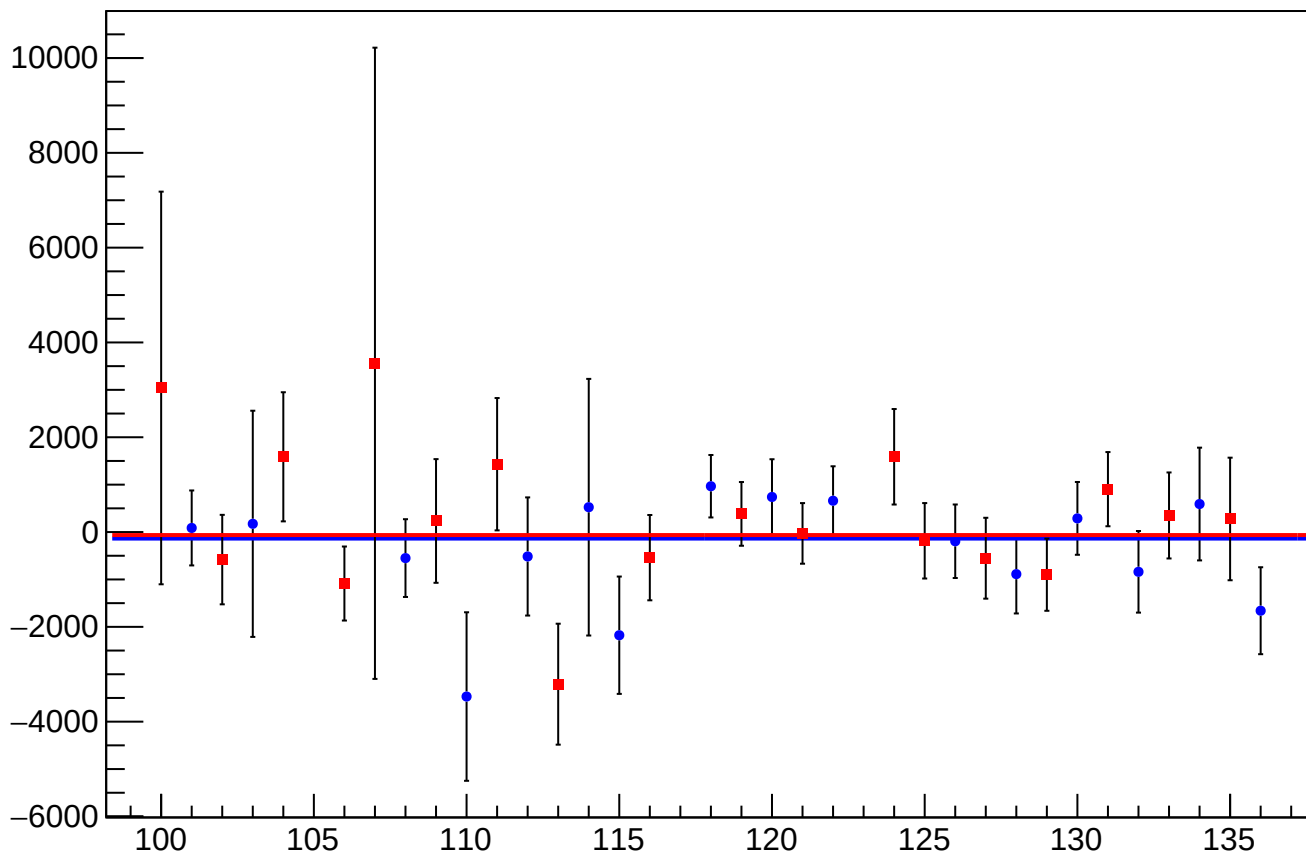
Right: 1958.172+/-0.372 χ^2 /NDF: 1018337.6/33

In: 1937.251+/-0.521 χ^2 /NDF:638092.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 1958.172+/-0.372 χ^2 /NDF: 1018337.6/33

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: -63.613+/-223.043 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

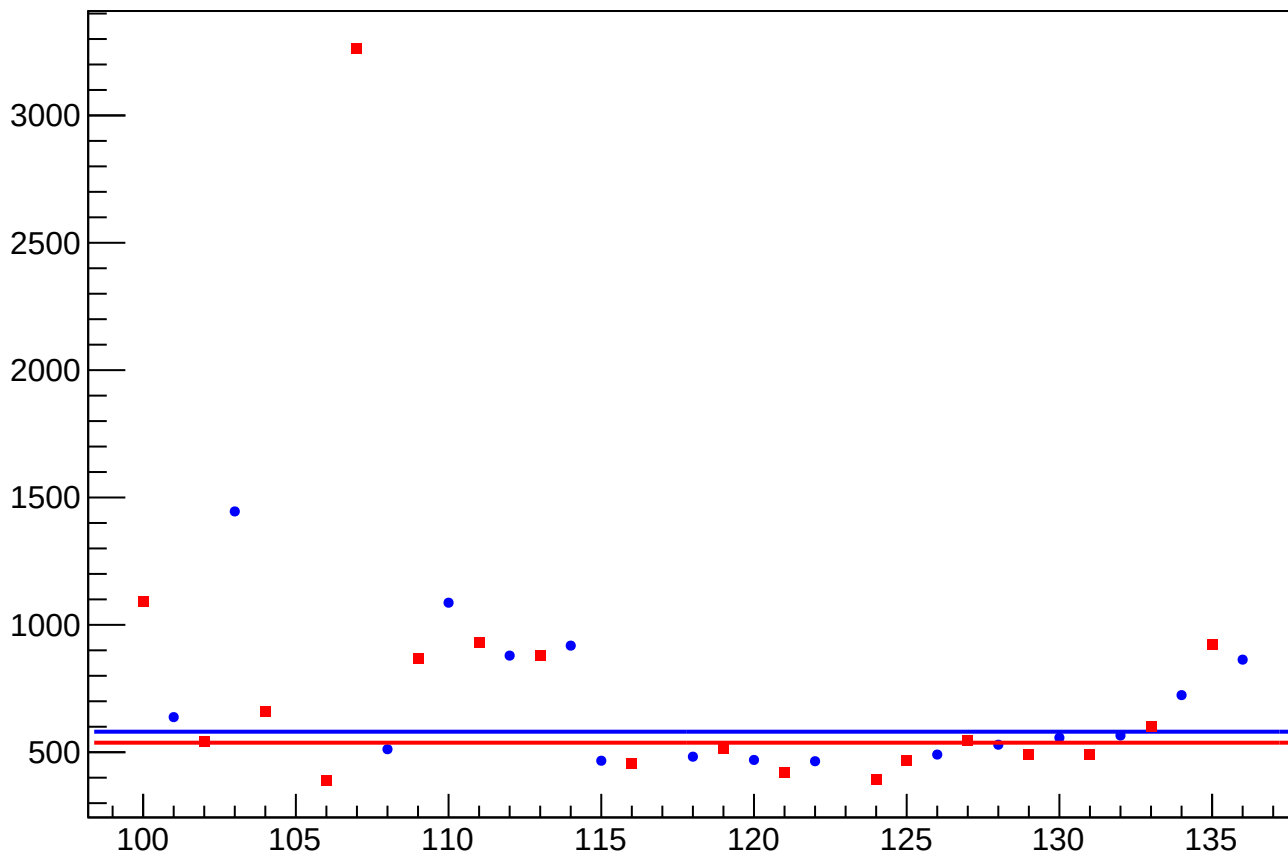
Right: -99.356+/-160.247 χ^2/NDF : 35.3/33

In: -137.491+/-230.382 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -99.356+/-160.247 χ^2/NDF : 35.3/33

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: 537.386+/-0.158 χ^2/NDF : 1238648.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

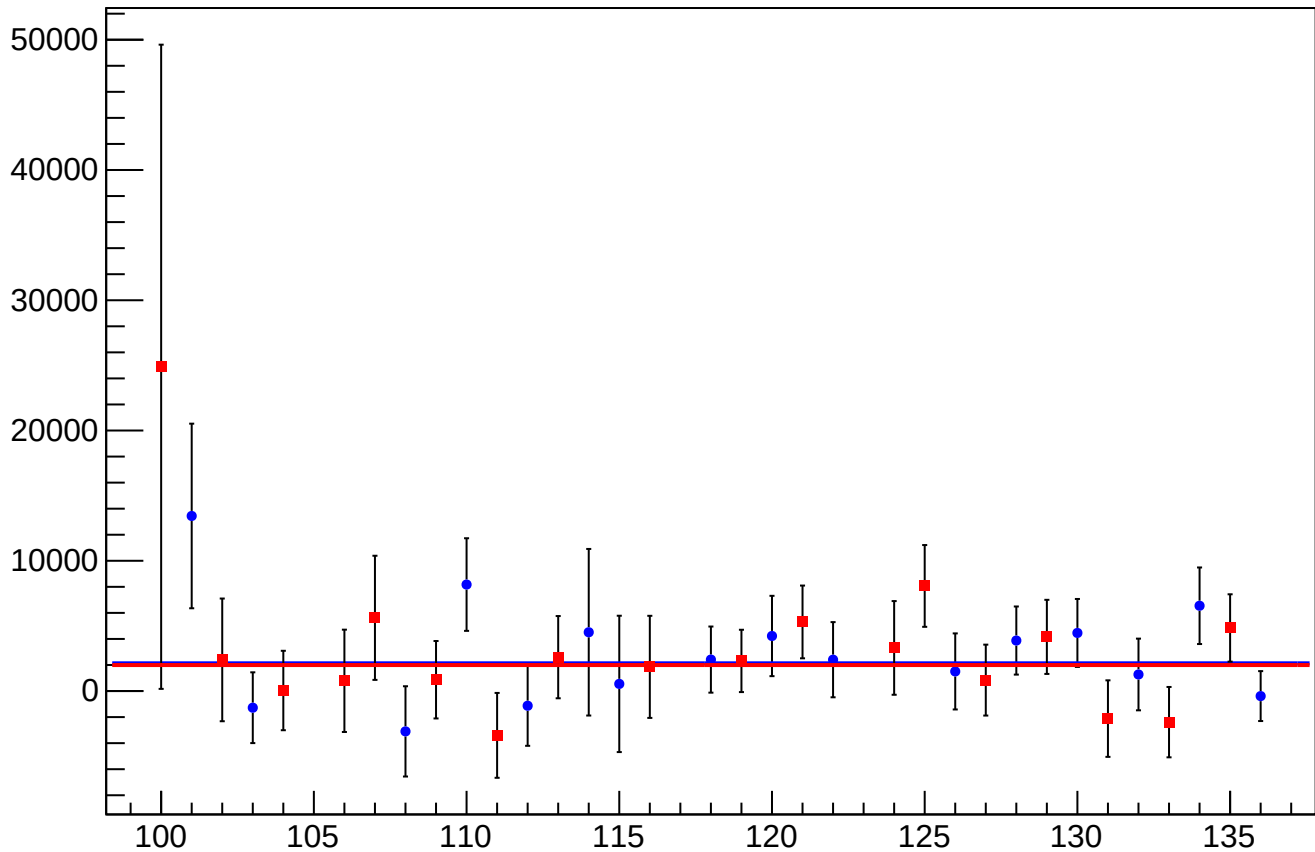
Right: 558.254+/-0.113 χ^2/NDF : 2277736.7/33

In: 580.519+/-0.163 χ^2/NDF : 1002900.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 558.254+/-0.113 χ^2/NDF : 2277736.7/33

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: 1995.333+/-749.737 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

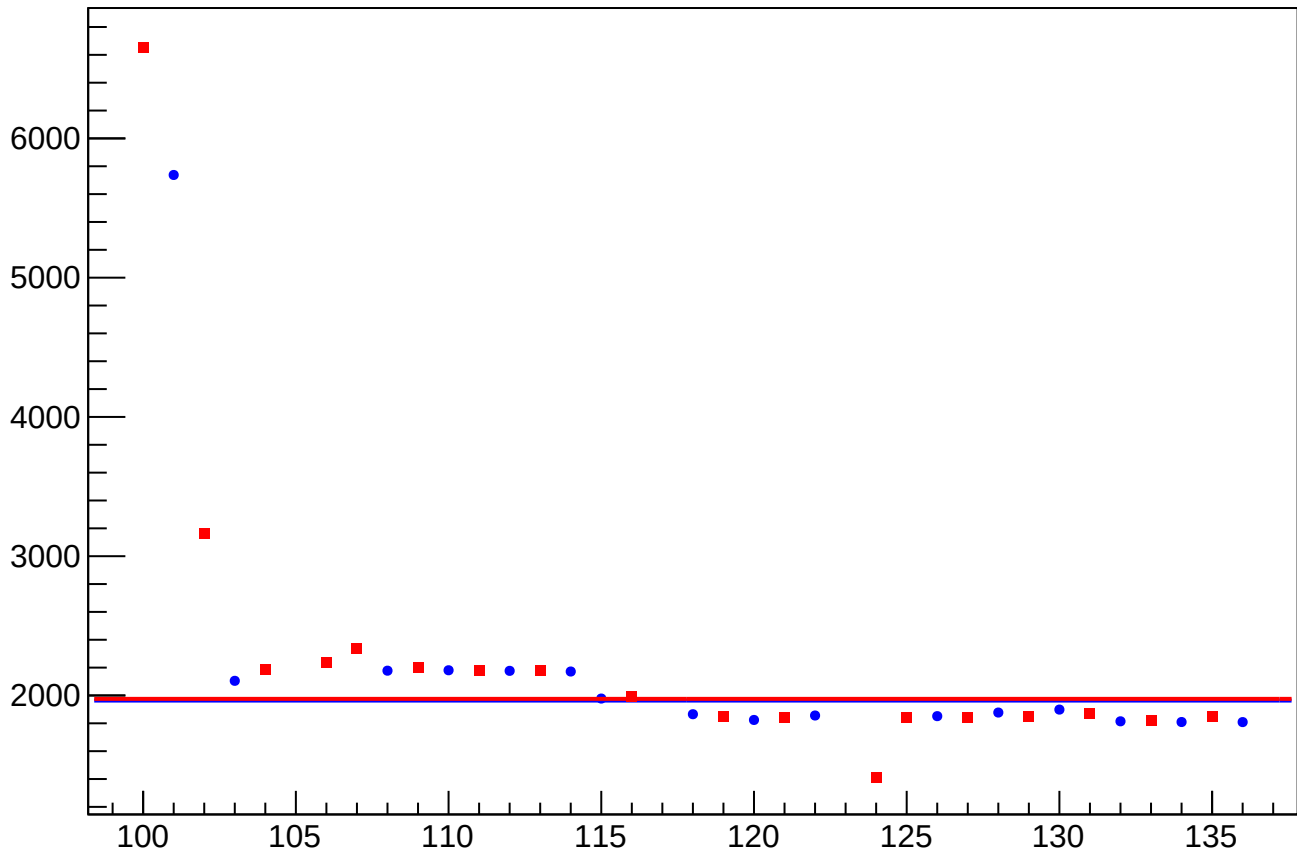
Right: 2062.352+/-528.904 χ^2/NDF : 33.3/33

In: 2128.748+/-746.242 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.352+/-528.904 χ^2/NDF : 33.3/33

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: 1975.567+/-0.530 χ^2/NDF : 342335.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

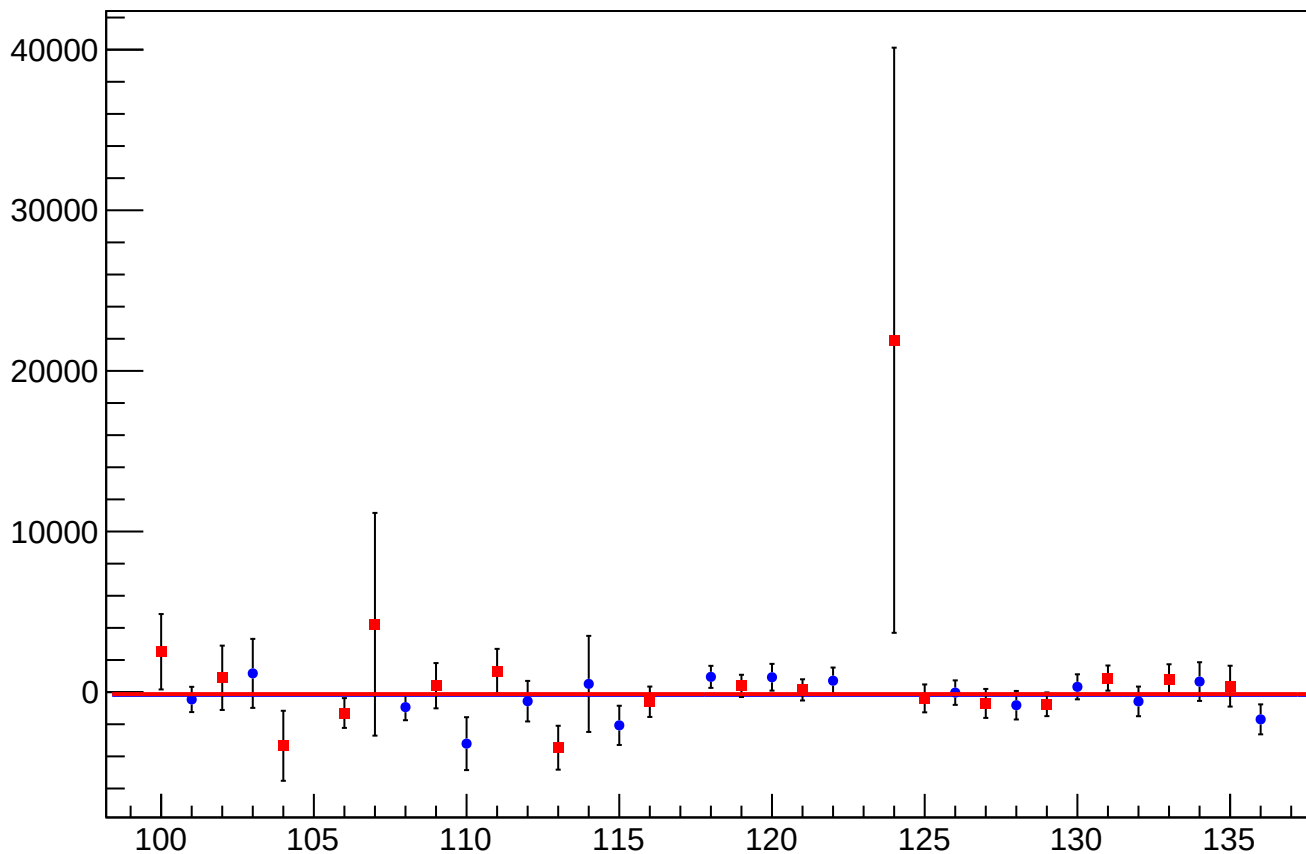
Right: 1969.463+/-0.374 χ^2/NDF : 982853.1/33

In: 1963.415+/-0.528 χ^2/NDF : 640254.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.463+/-0.374 χ^2/NDF : 982853.1/33

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: -121.875+/-244.647 χ^2/NDF : 19.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

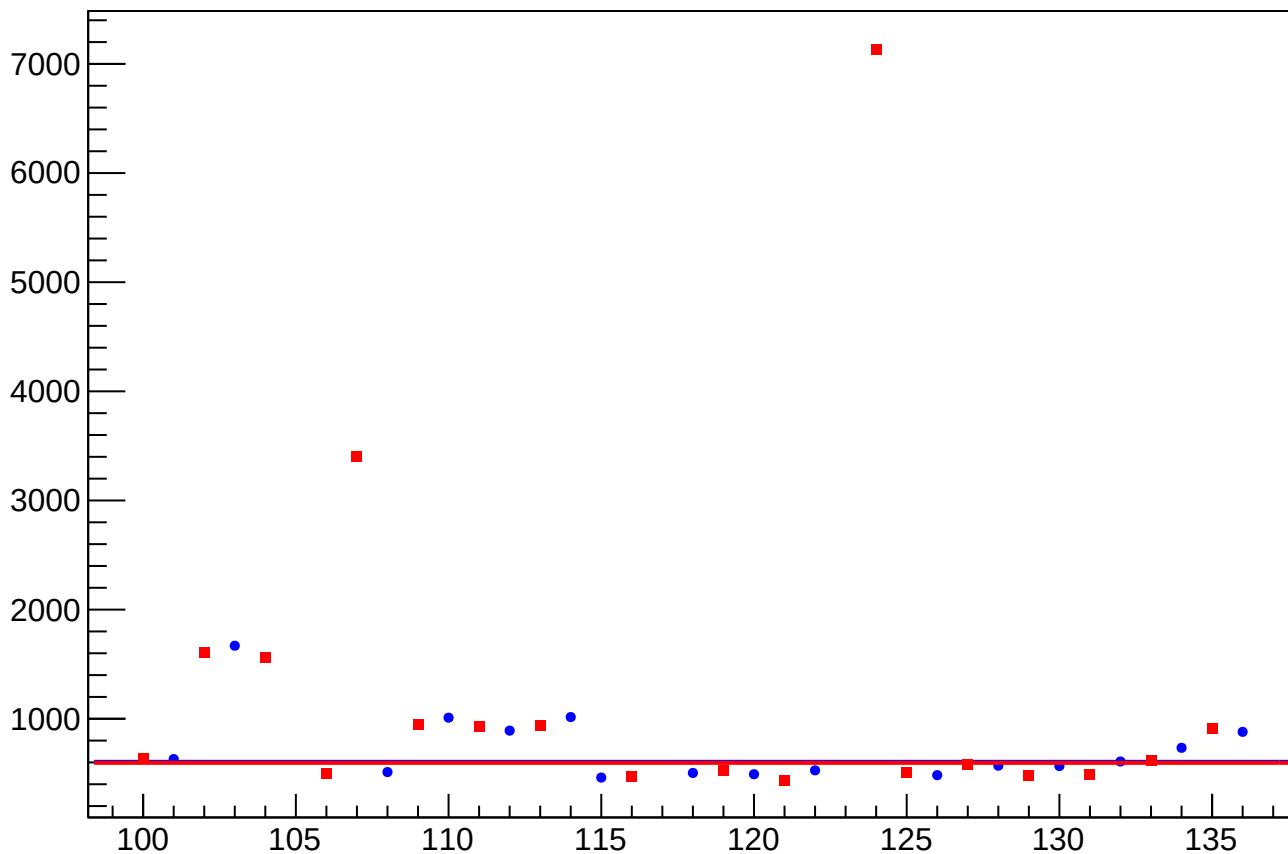
Right: -147.110+/-170.191 χ^2/NDF : 36.6/33

In: -170.774+/-236.912 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.110+/-170.191 χ^2/NDF : 36.6/33

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: 595.955+/-0.173 χ^2/NDF : 2282533.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

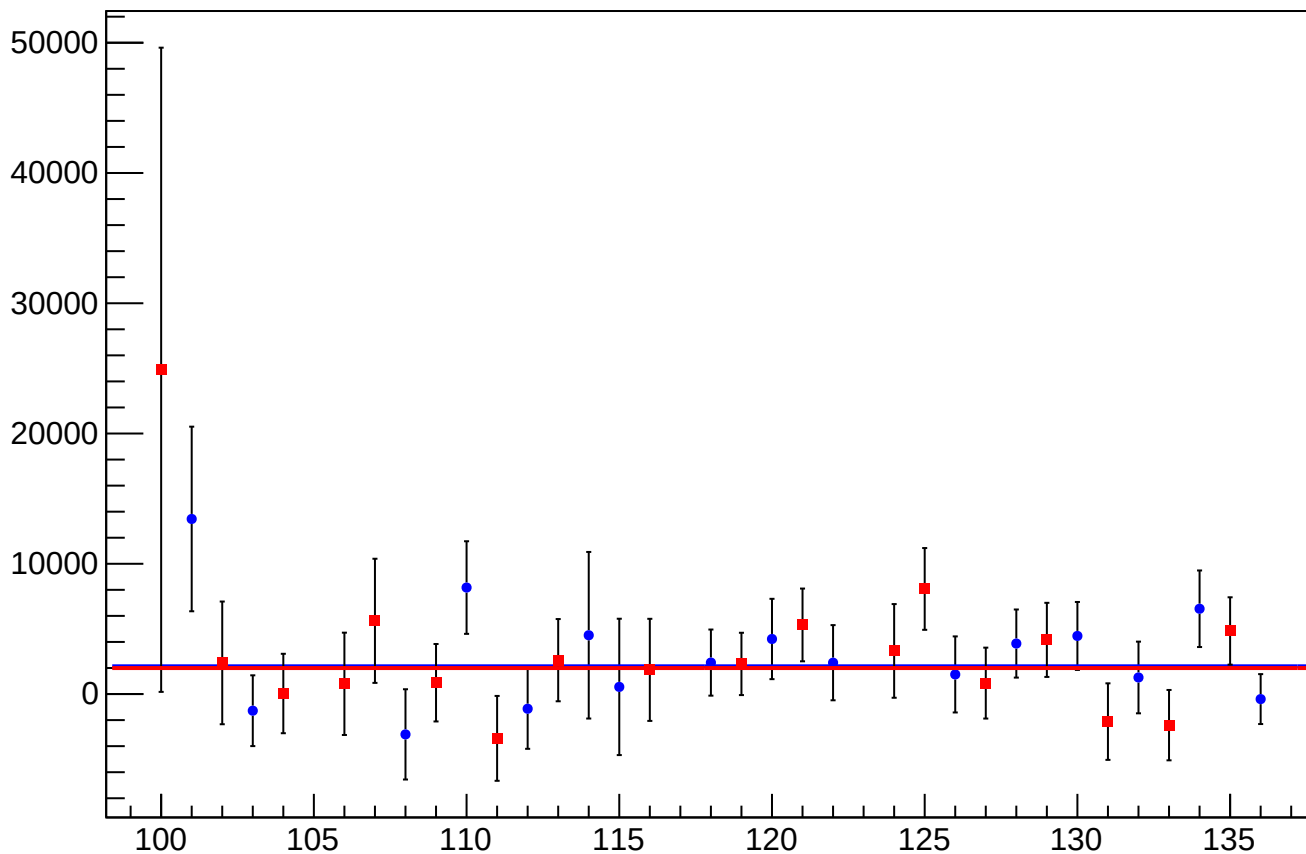
Right: 600.844+/-0.120 χ^2/NDF : 3446535.5/33

In: 605.430+/-0.168 χ^2/NDF : 1162454.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.844+/-0.120 χ^2/NDF : 3446535.5/33

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: 1995.332+/-749.737 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

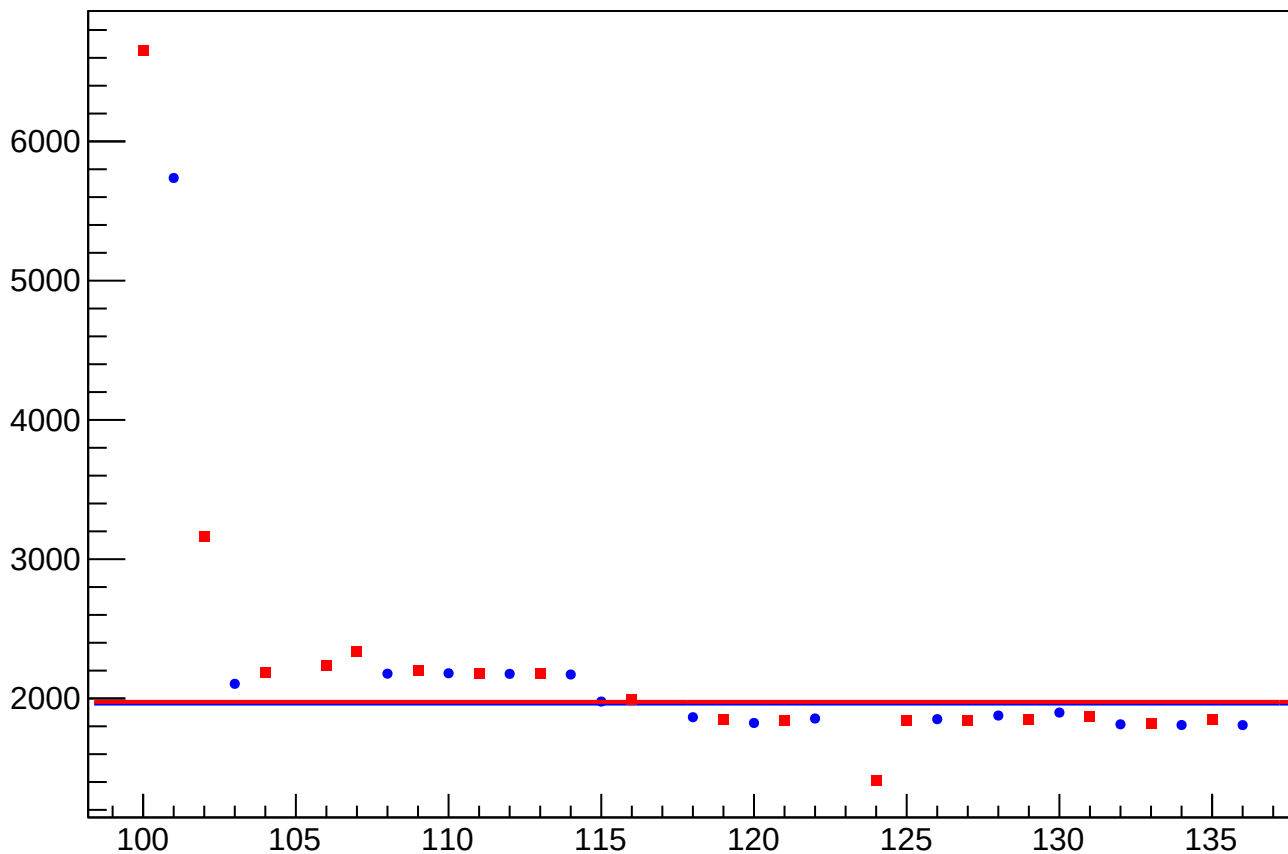
Right: 2062.351+/-528.904 χ^2/NDF : 33.3/33

In: 2128.746+/-746.242 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2062.351+/-528.904 χ^2/NDF : 33.3/33

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: 1975.567+/-0.530 χ^2/NDF : 342333.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

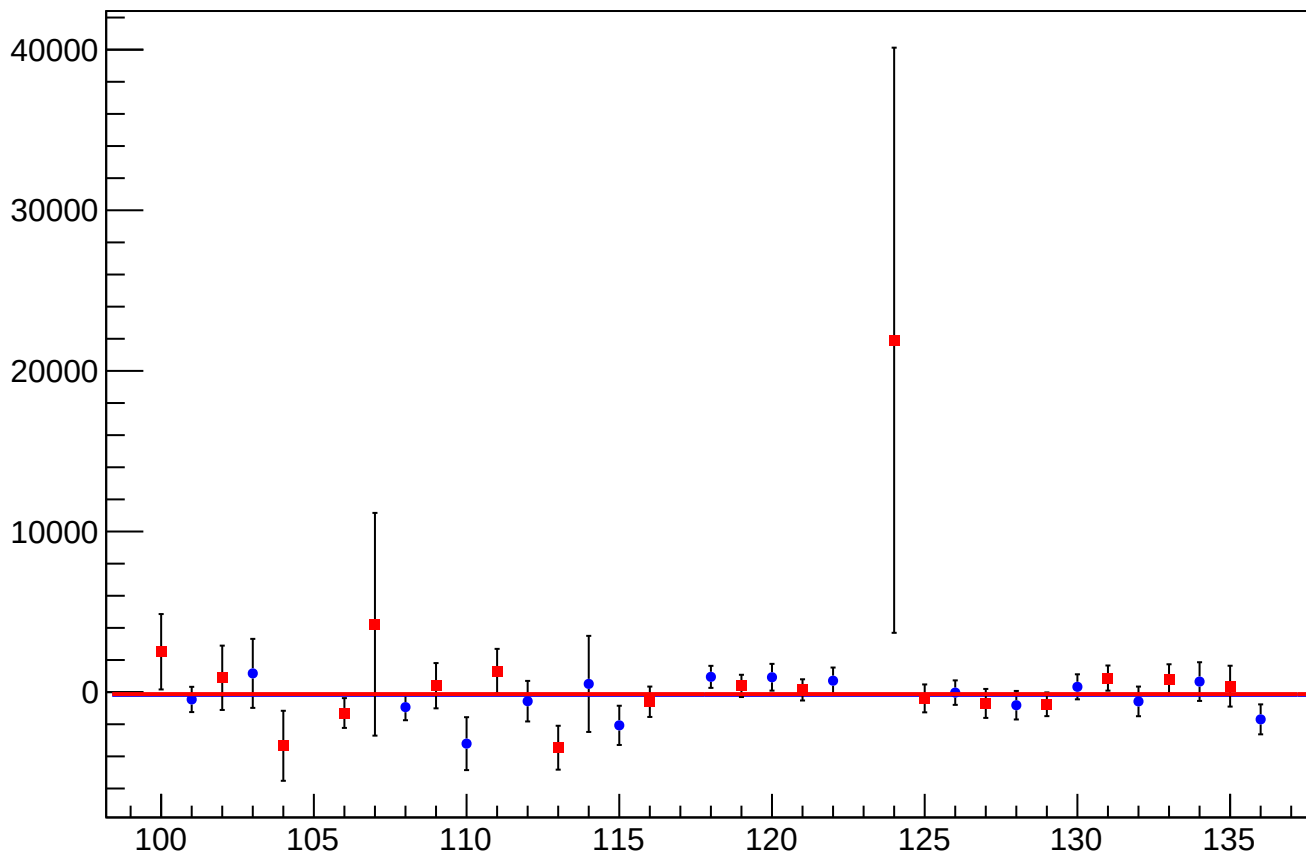
Right: 1969.462+/-0.374 χ^2/NDF : 982851.6/33

In: 1963.415+/-0.528 χ^2/NDF :640253.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1969.462+/-0.374 χ^2/NDF : 982851.6/33

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: -121.874+/-244.647 χ^2/NDF : 19.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

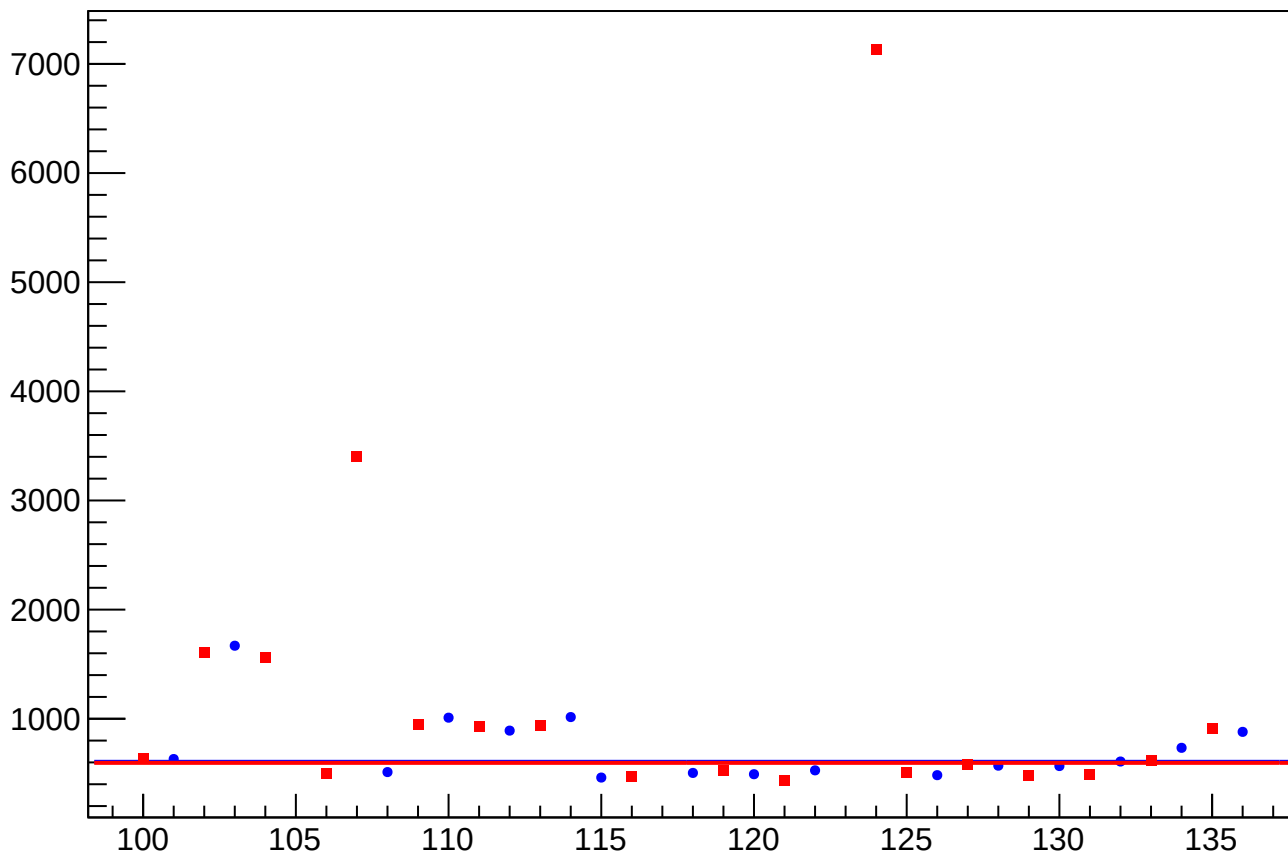
Right: -147.109+/-170.191 χ^2/NDF : 36.6/33

In: -170.773+/-236.912 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.109+/-170.191 χ^2/NDF : 36.6/33

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: 595.954+/-0.173 χ^2/NDF : 2282540.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

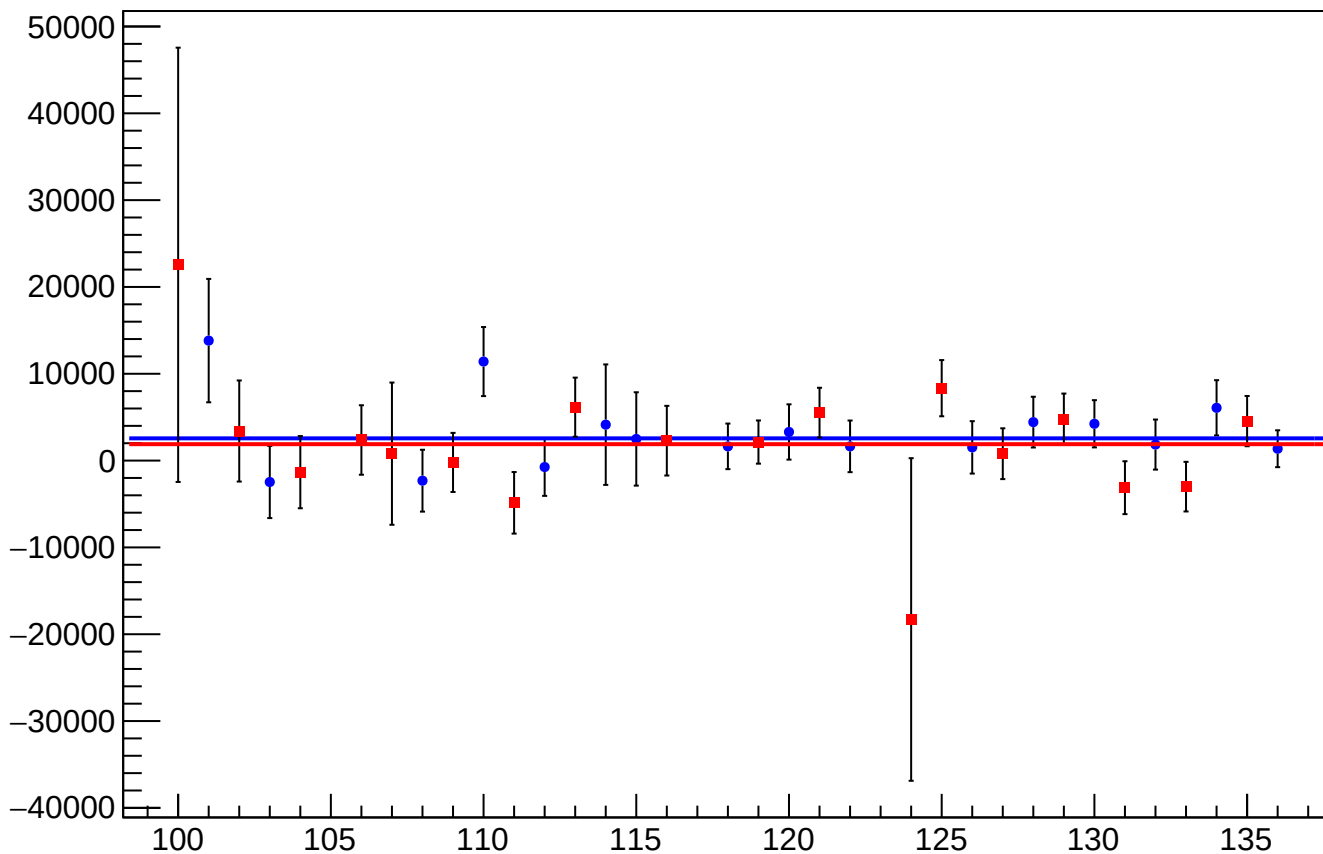
Right: 600.844+/-0.120 χ^2/NDF : 3446550.6/33

In: 605.429+/-0.168 χ^2/NDF : 1162462.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 600.844+/-0.120 χ^2/NDF : 3446550.6/33

asym_at1_avg_mean vs Slug, Sign Corrected



Right In: 2560.971 $\pm$ 809.658 χ^2 /NDF: 14.6/15

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

Right Out: 1890.333 $\pm$ 832.221 χ^2 /NDF: 21.3/17

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

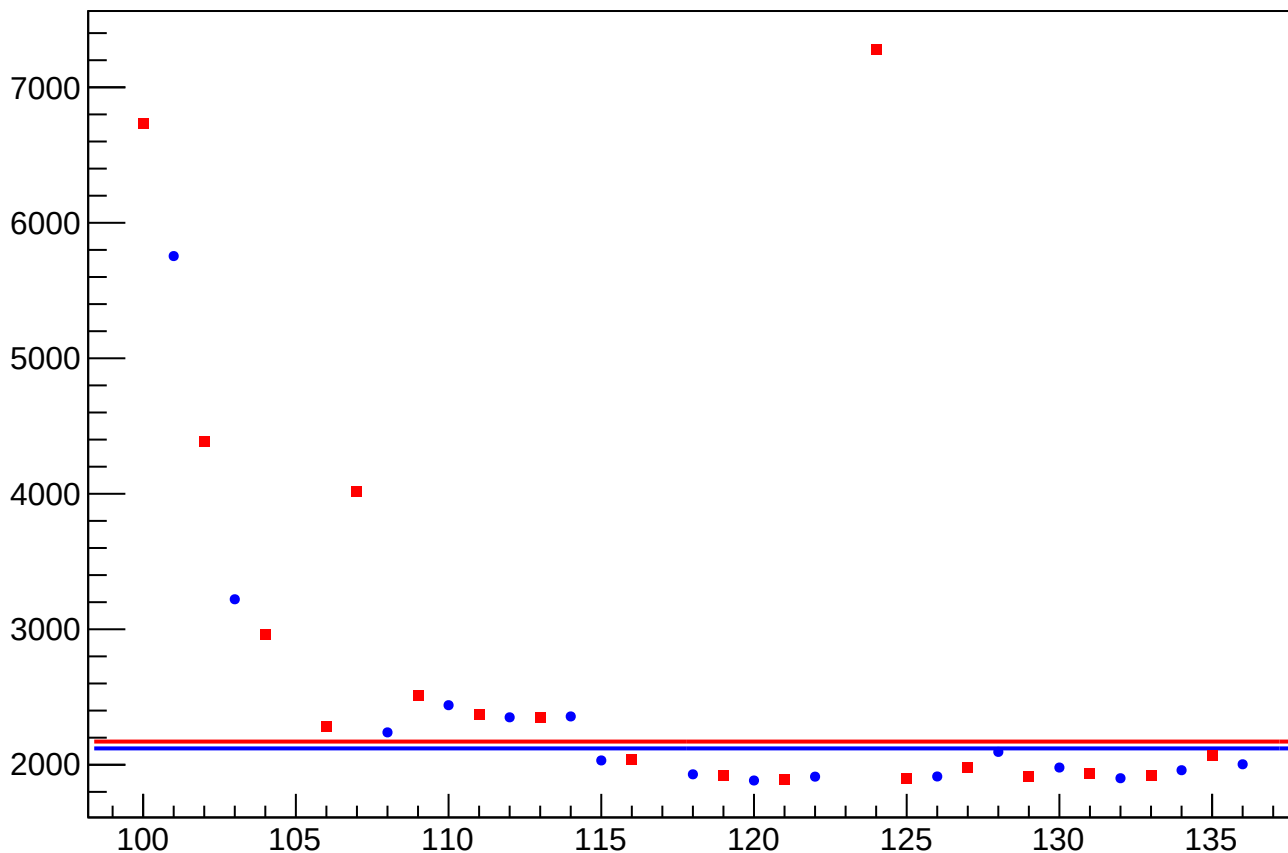
Right: 2234.866 $\pm$ 580.328 χ^2 /NDF: 36.3/33

In: 2560.971 $\pm$ 809.658 χ^2 /NDF:14.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2234.866 $\pm$ 580.328 χ^2 /NDF: 36.3/33

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: 2171.294+/-0.588 χ^2/NDF : 822845.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

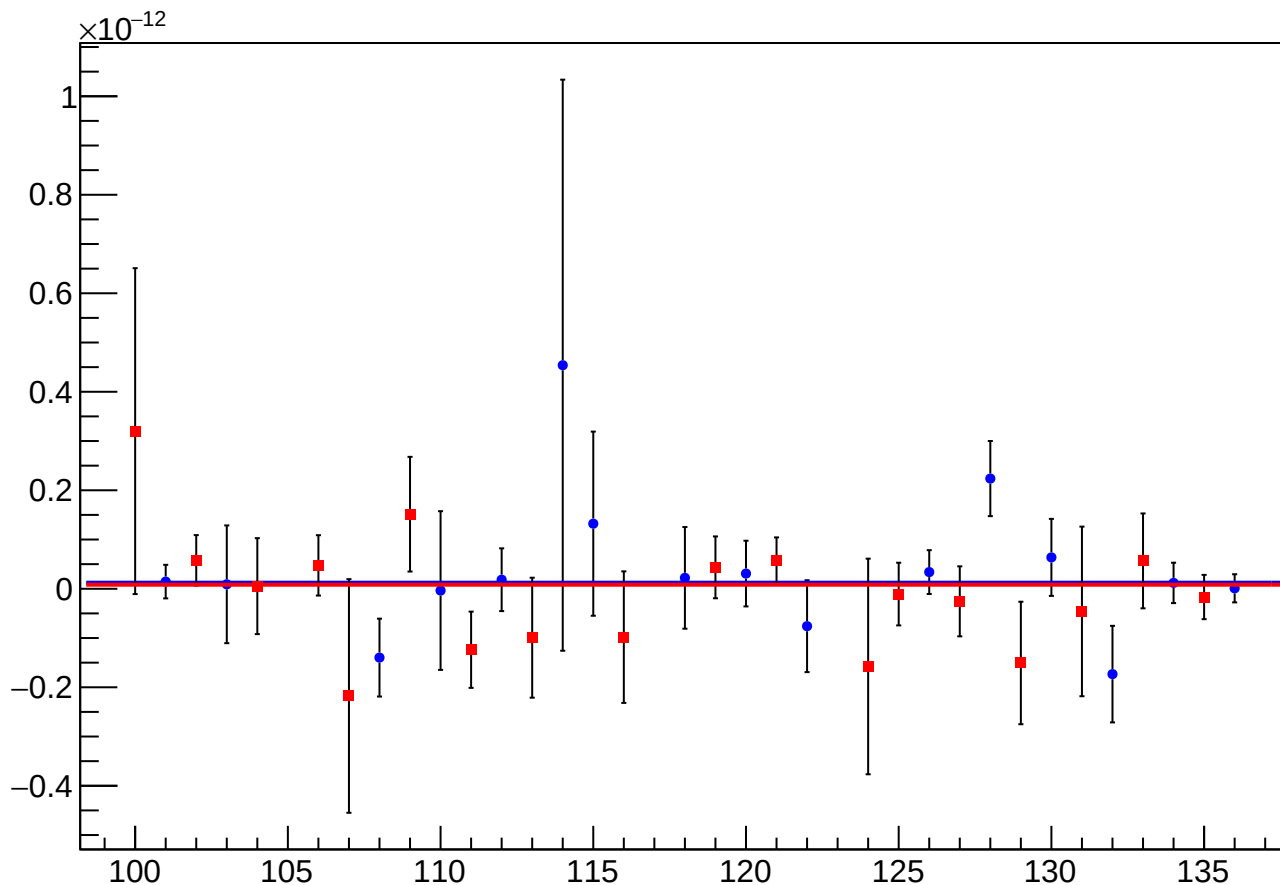
Right: 2145.342+/-0.410 χ^2/NDF : 1586600.3/33

In: 2120.778+/-0.573 χ^2/NDF : 759969.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2145.342+/-0.410 χ^2/NDF : 1586600.3/33

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 : 13.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

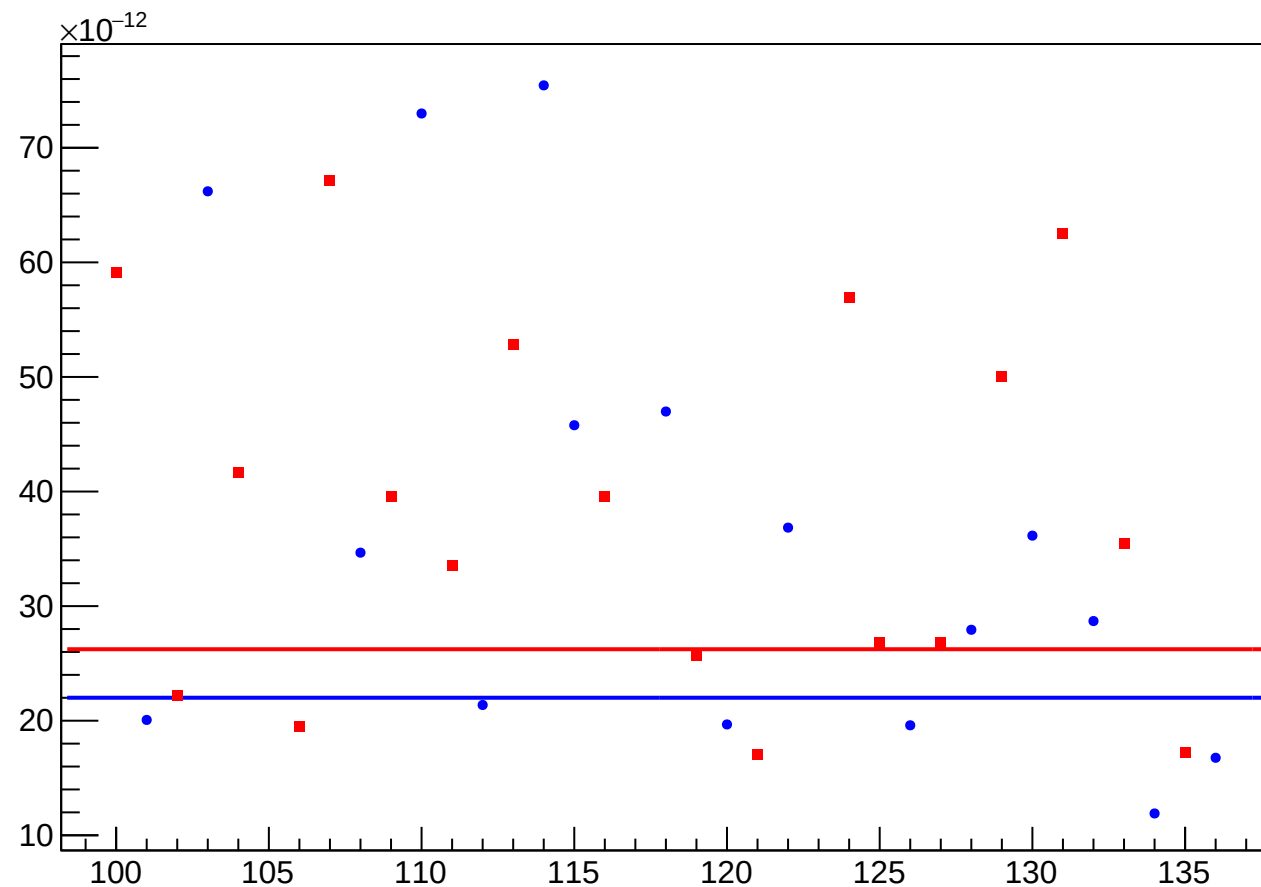
Right: 0.000+/-0.000 χ^2/NDF : 31.4/33

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 : 31.4/33

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 : 702451.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

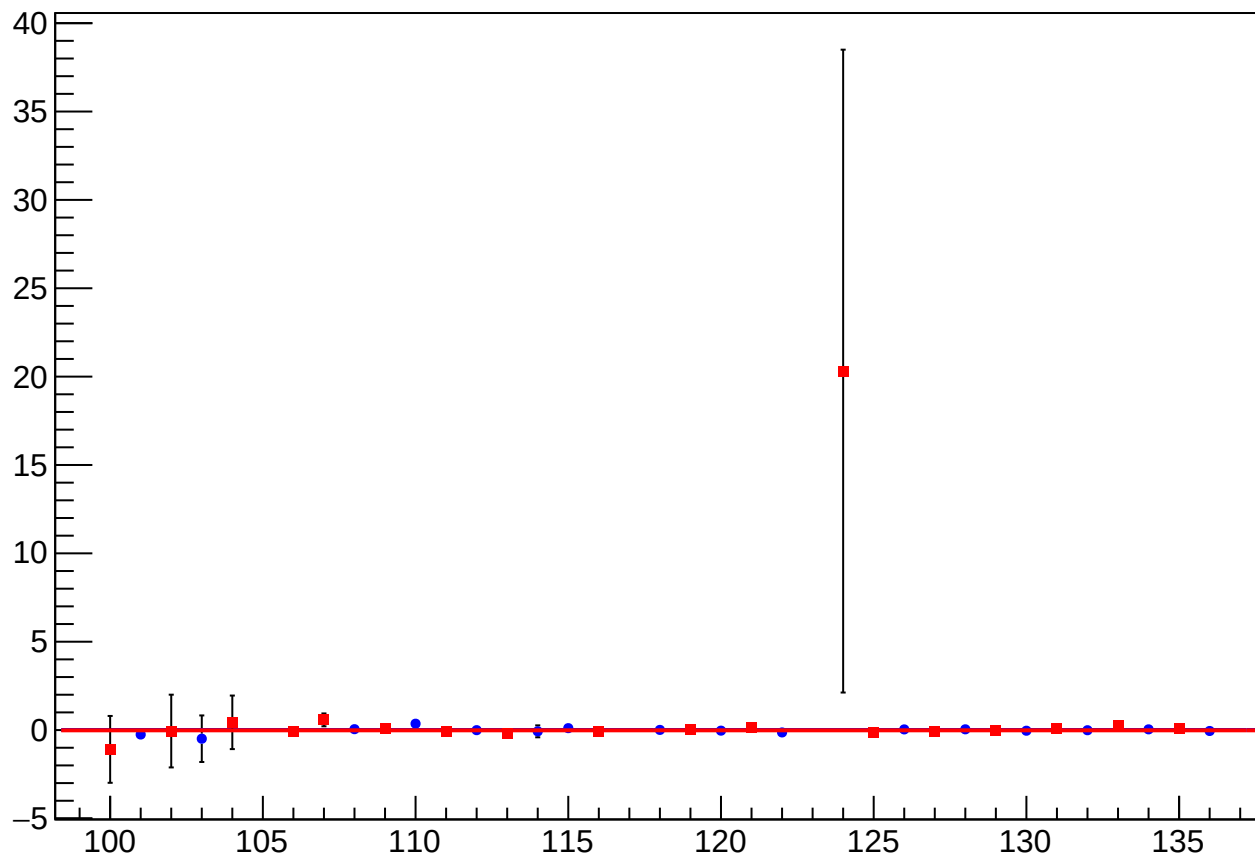
Right: 0.000+/-0.000 χ^2/NDF : 1800376.3/33

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 : 1800376.3/33

asym_at1_avg_dit_vs_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: -0.014+/-0.026 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

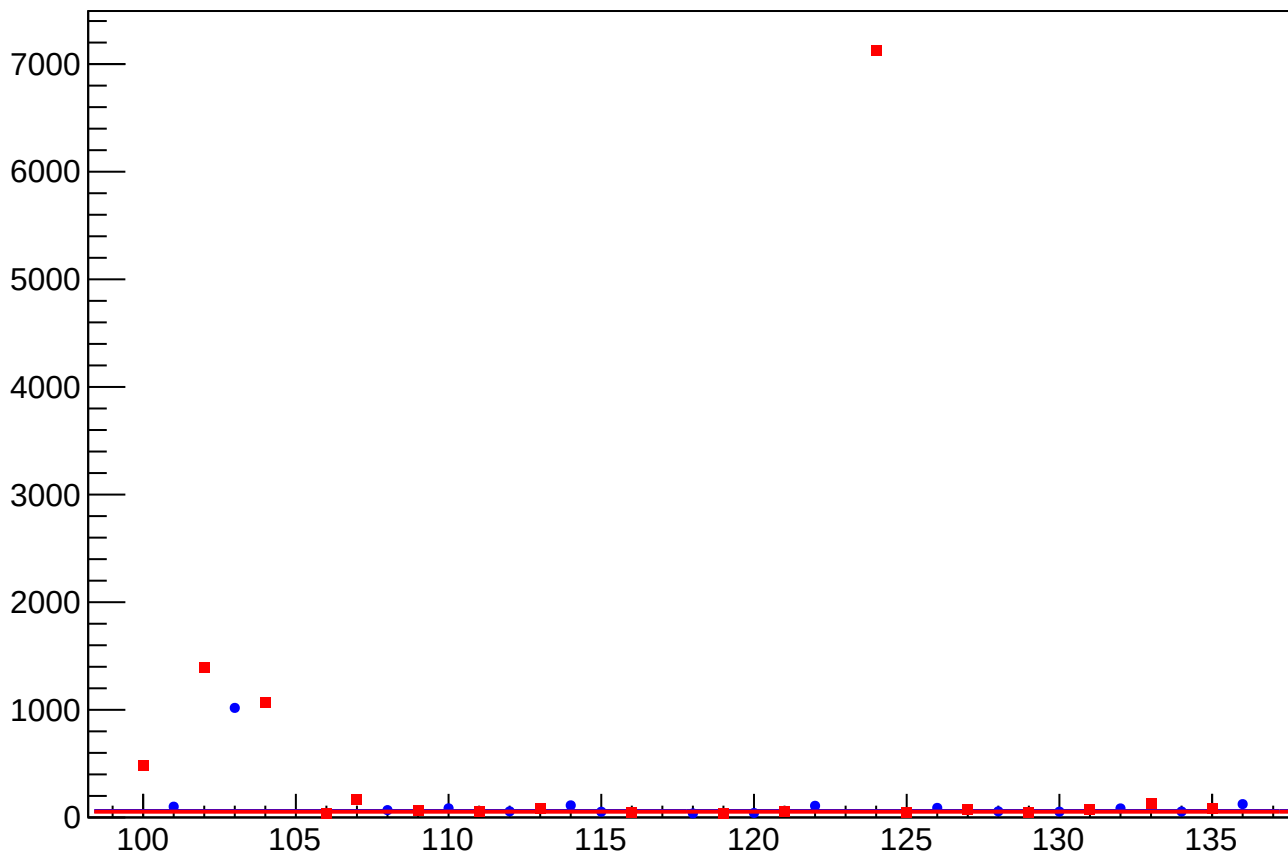
Right: -0.005+/-0.019 χ^2/NDF : 29.0/33

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 : 29.0/33

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: 53.756+/-0.018 χ^2/NDF : 3335654.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

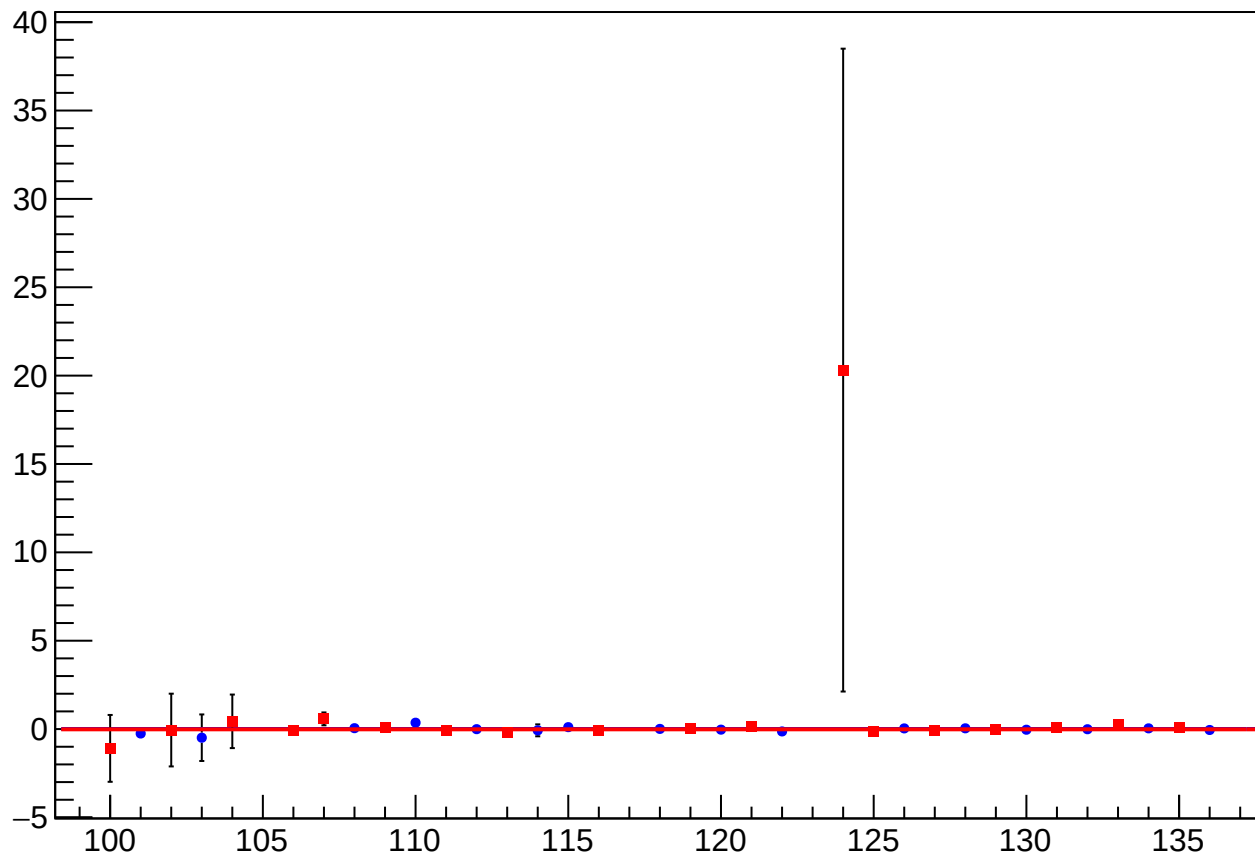
Right: 56.699+/-0.013 χ^2/NDF : 5928060.3/33

In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

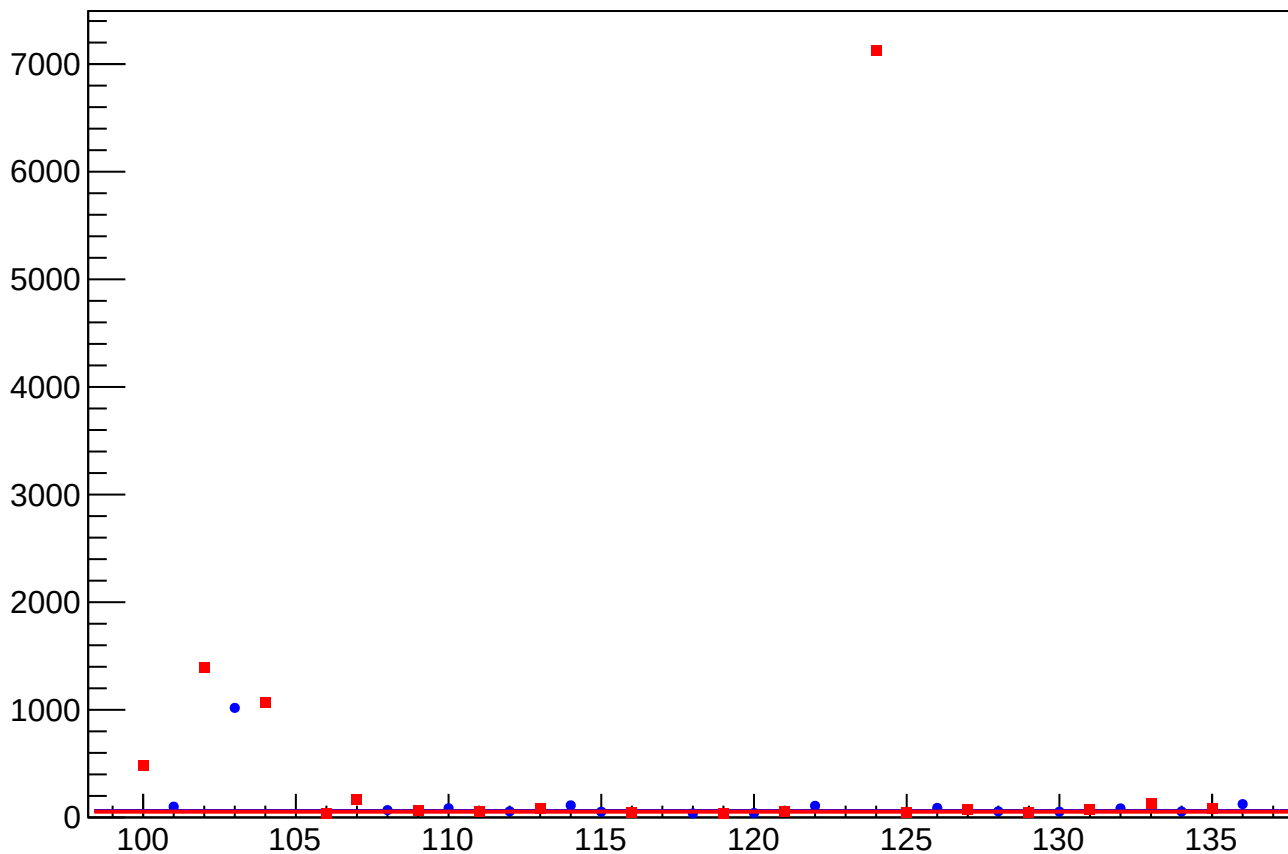
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.699+/-0.013 χ^2/NDF : 5928060.3/33

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



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: 53.756+/-0.018 χ^2/NDF : 3335654.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

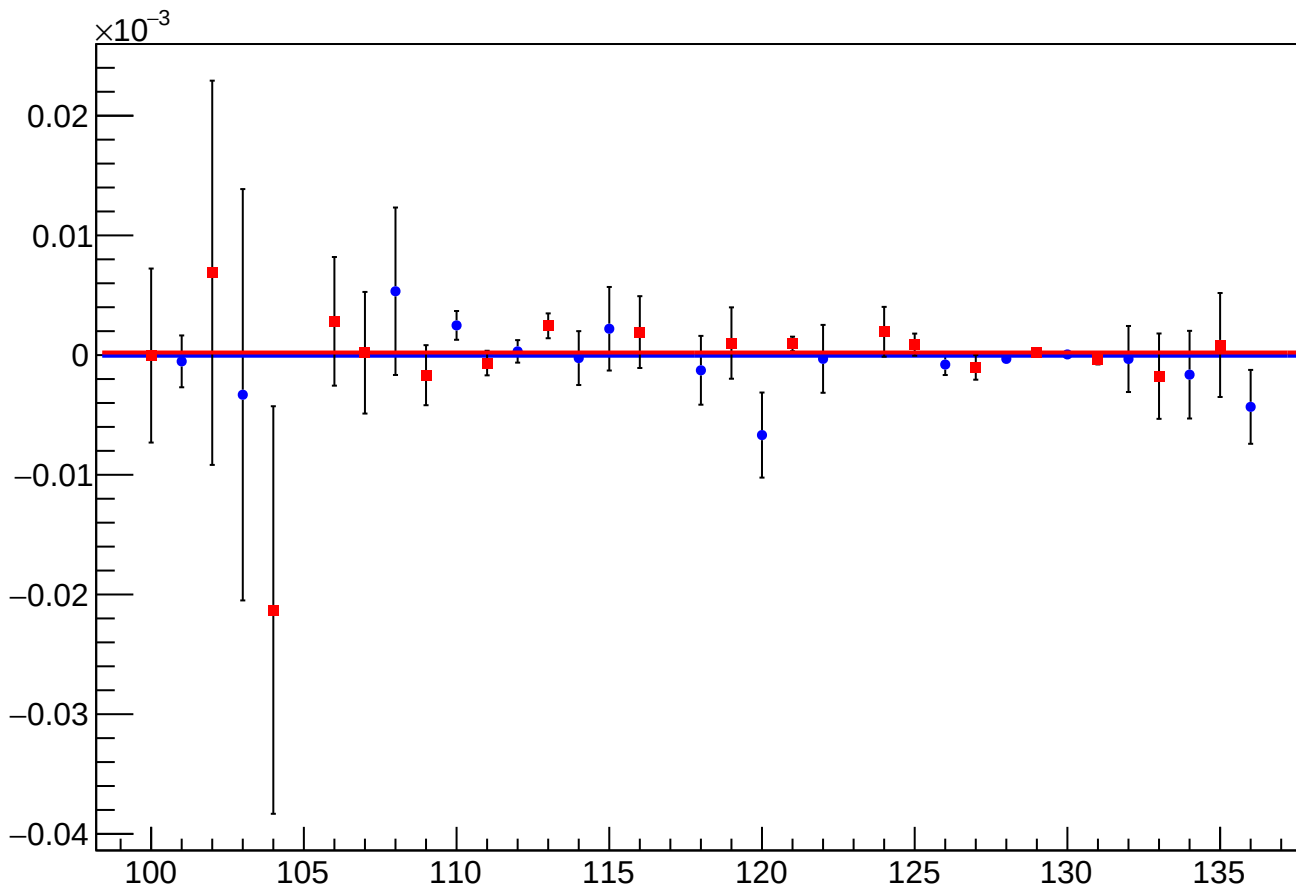
Right: 56.699+/-0.013 χ^2/NDF : 5928060.3/33

In: 59.840+/-0.019 χ^2/NDF : 2538867.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.699+/-0.013 χ^2/NDF : 5928060.3/33

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 : 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

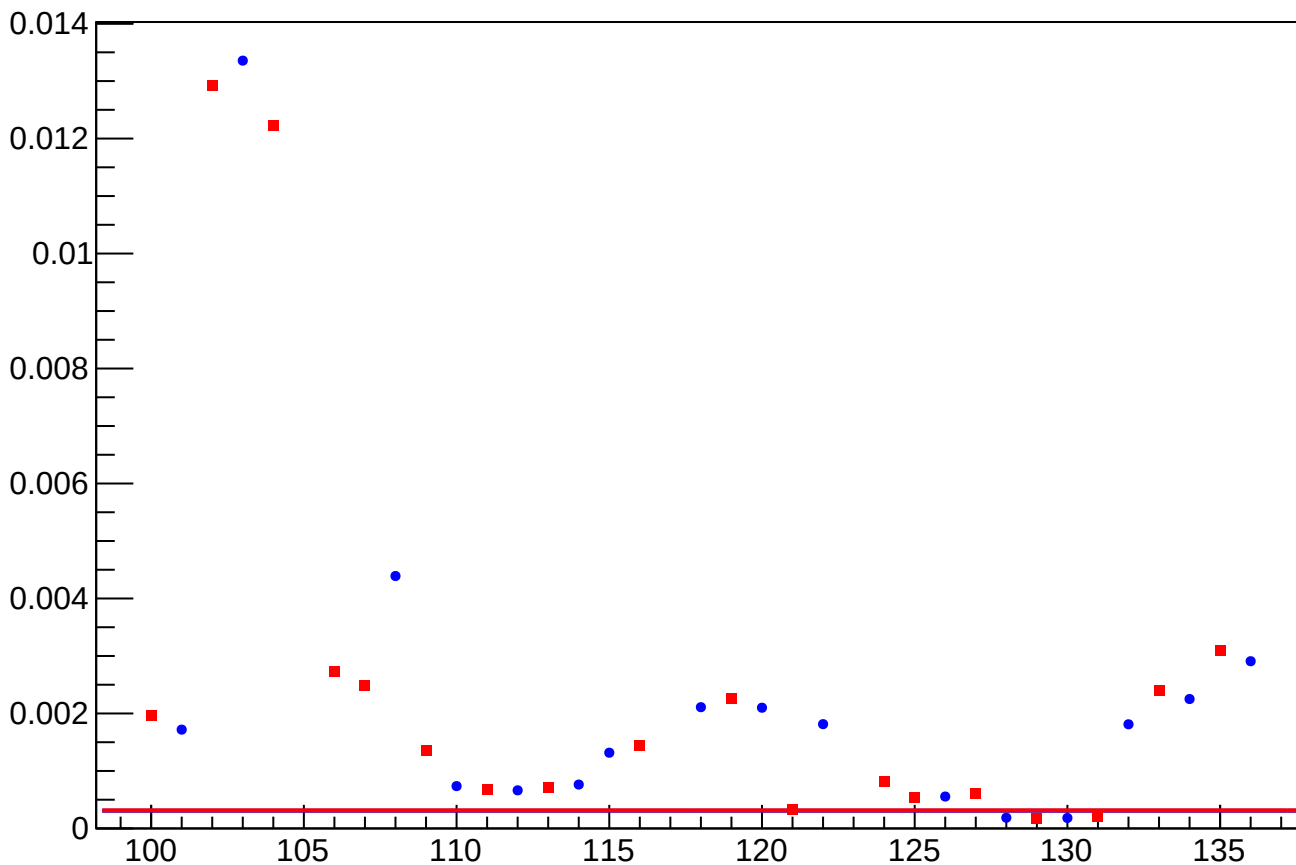
Right: 0.000+/-0.000 χ^2/NDF : 28.1/33

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 : 28.1/33

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 : 7692317.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

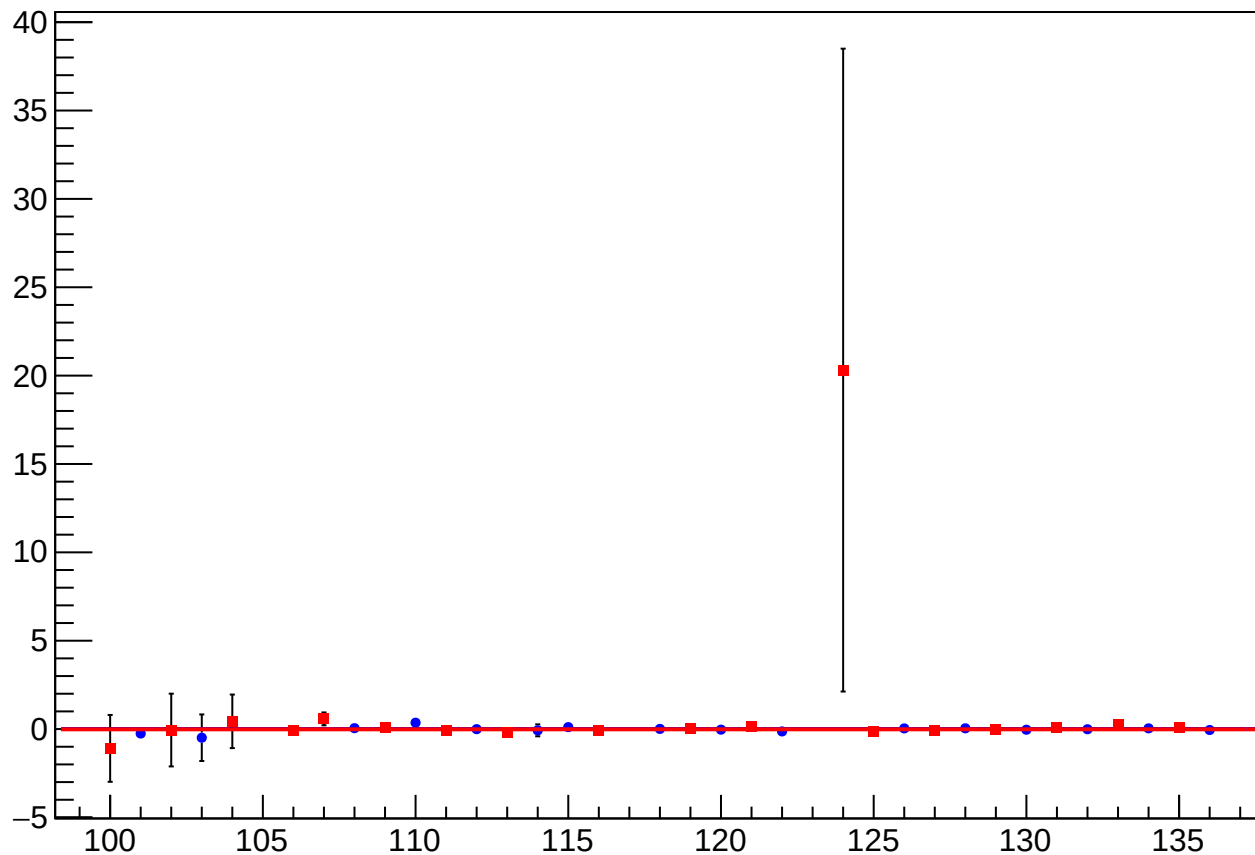
Right: 0.000+/-0.000 χ^2/NDF : 16449724.5/33

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 : 16449724.5/33

asym_at1_avg_eigen_dit_vs_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: -0.014+/-0.026 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

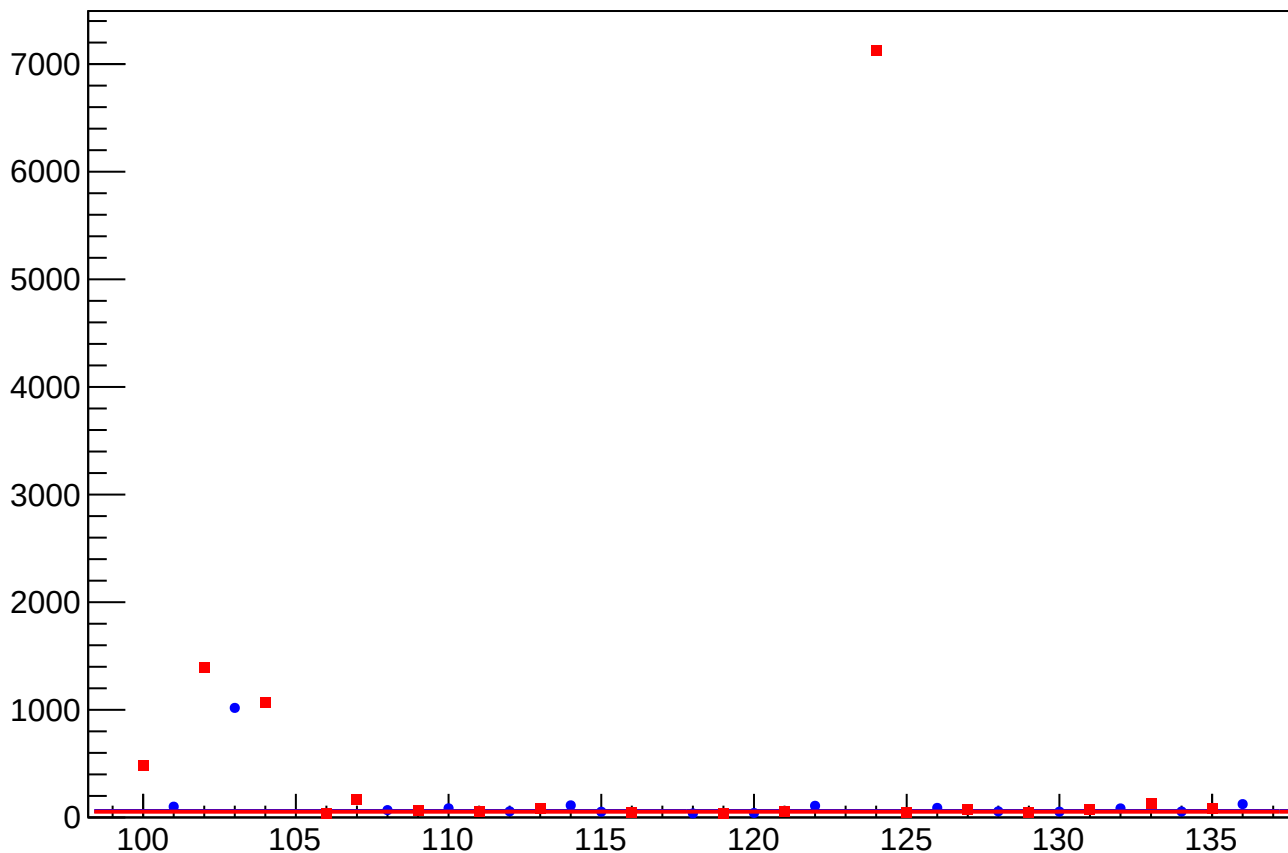
Right: -0.005+/-0.019 χ^2/NDF : 29.0/33

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 : 29.0/33

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: 53.755+/-0.018 χ^2/NDF : 3335711.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

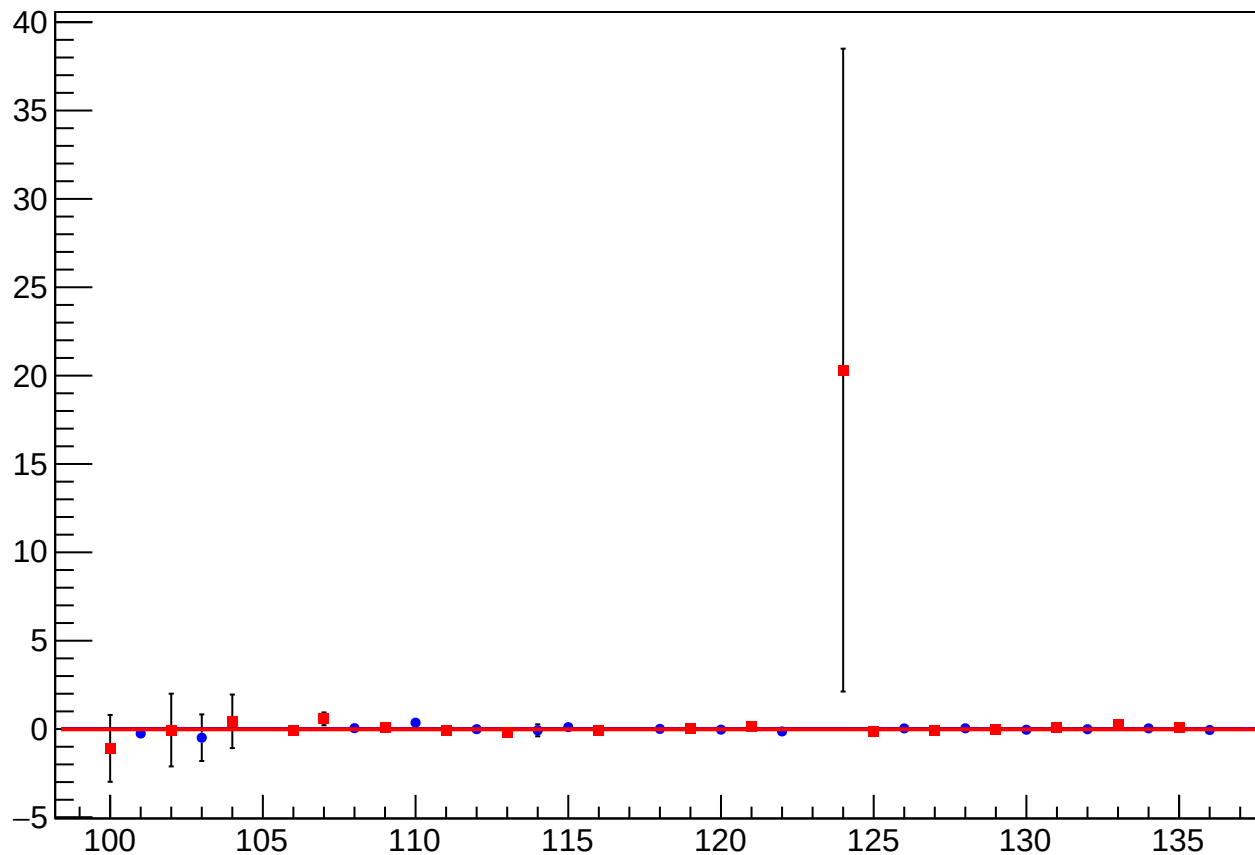
Right: 56.698+/-0.013 χ^2/NDF : 5928146.7/33

In: 59.839+/-0.019 χ^2/NDF : 2538881.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.698+/-0.013 χ^2/NDF : 5928146.7/33

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: -0.014+/-0.026 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

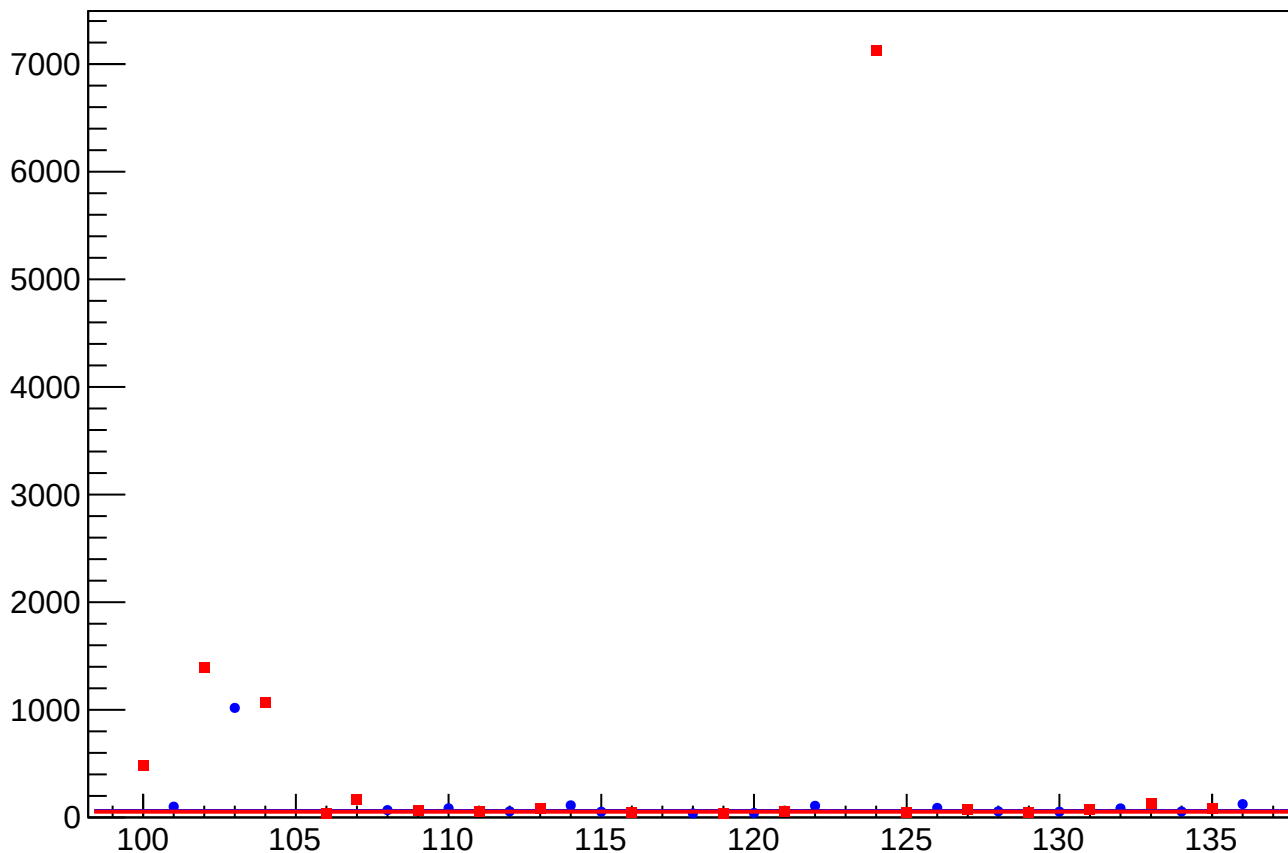
Right: -0.005+/-0.019 χ^2/NDF : 29.0/33

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 : 29.0/33

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.839 $\pm$ 0.019 χ^2/NDF : 2538881.2/15

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

Right Out: 53.755 $\pm$ 0.018 χ^2/NDF : 3335711.0/17

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

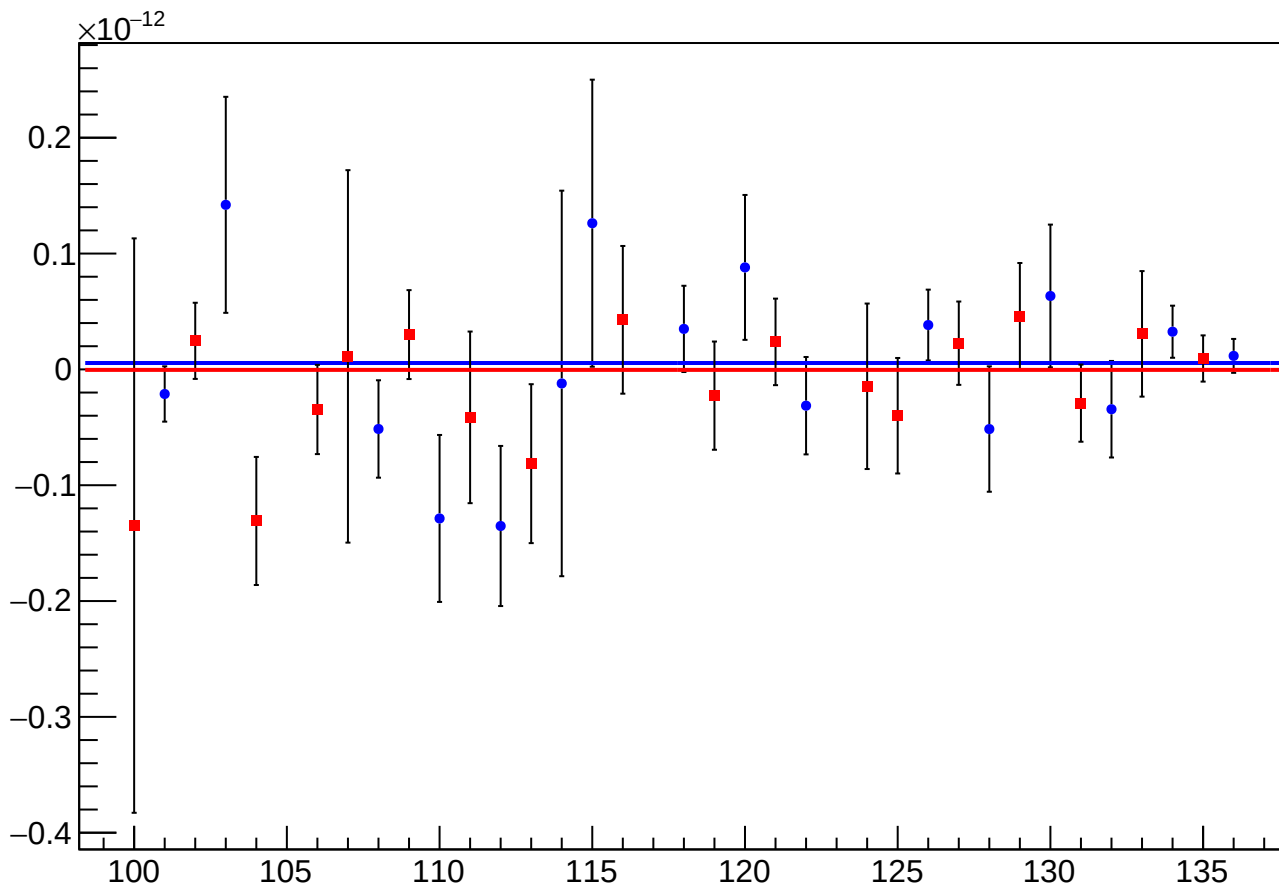
Right: 56.698 $\pm$ 0.013 χ^2/NDF : 5928146.7/33

In: 59.839 $\pm$ 0.019 χ^2/NDF :2538881.2/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 56.698 $\pm$ 0.013 χ^2/NDF : 5928146.7/33

asym_at1_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 : 14.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

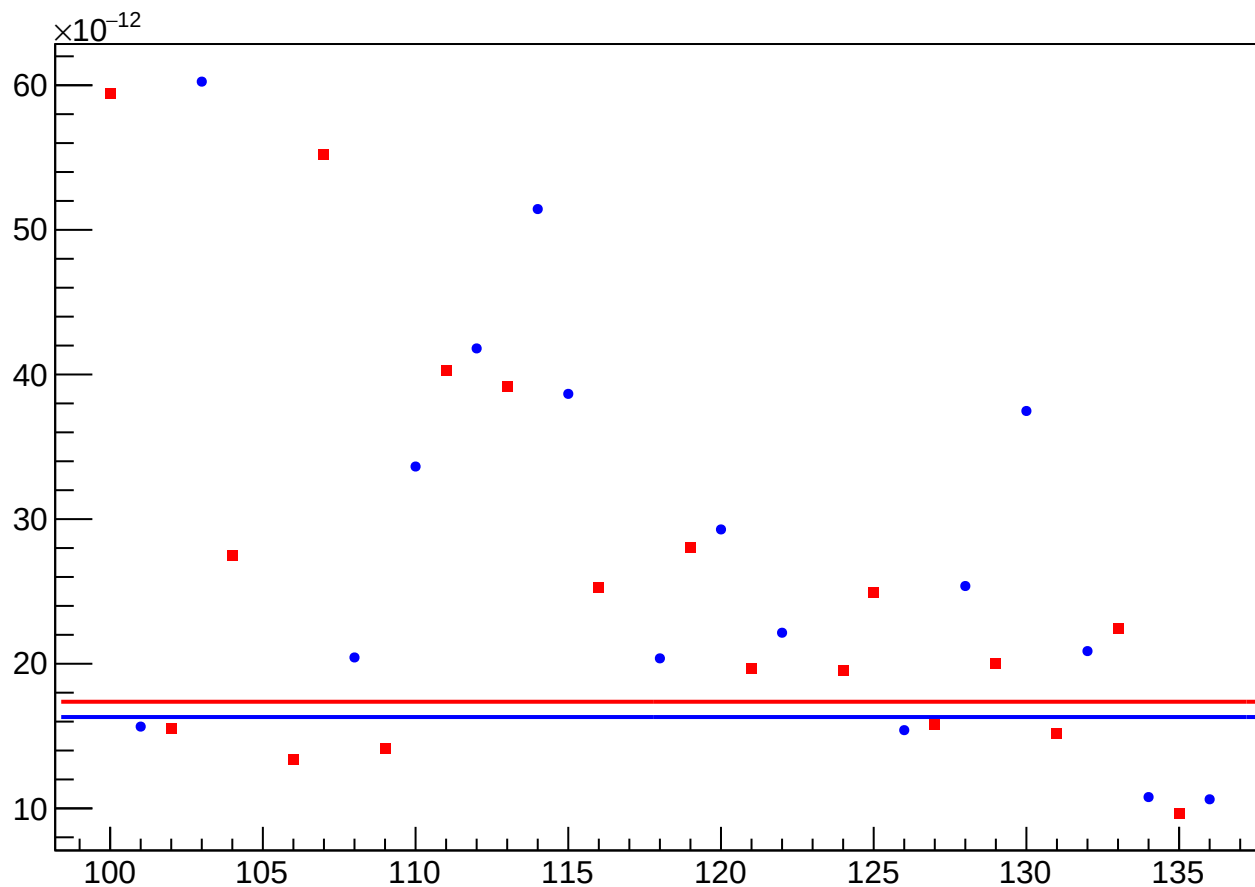
Right: 0.000+/-0.000 χ^2/NDF : 36.9/33

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 : 36.9/33

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 : 1196494.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

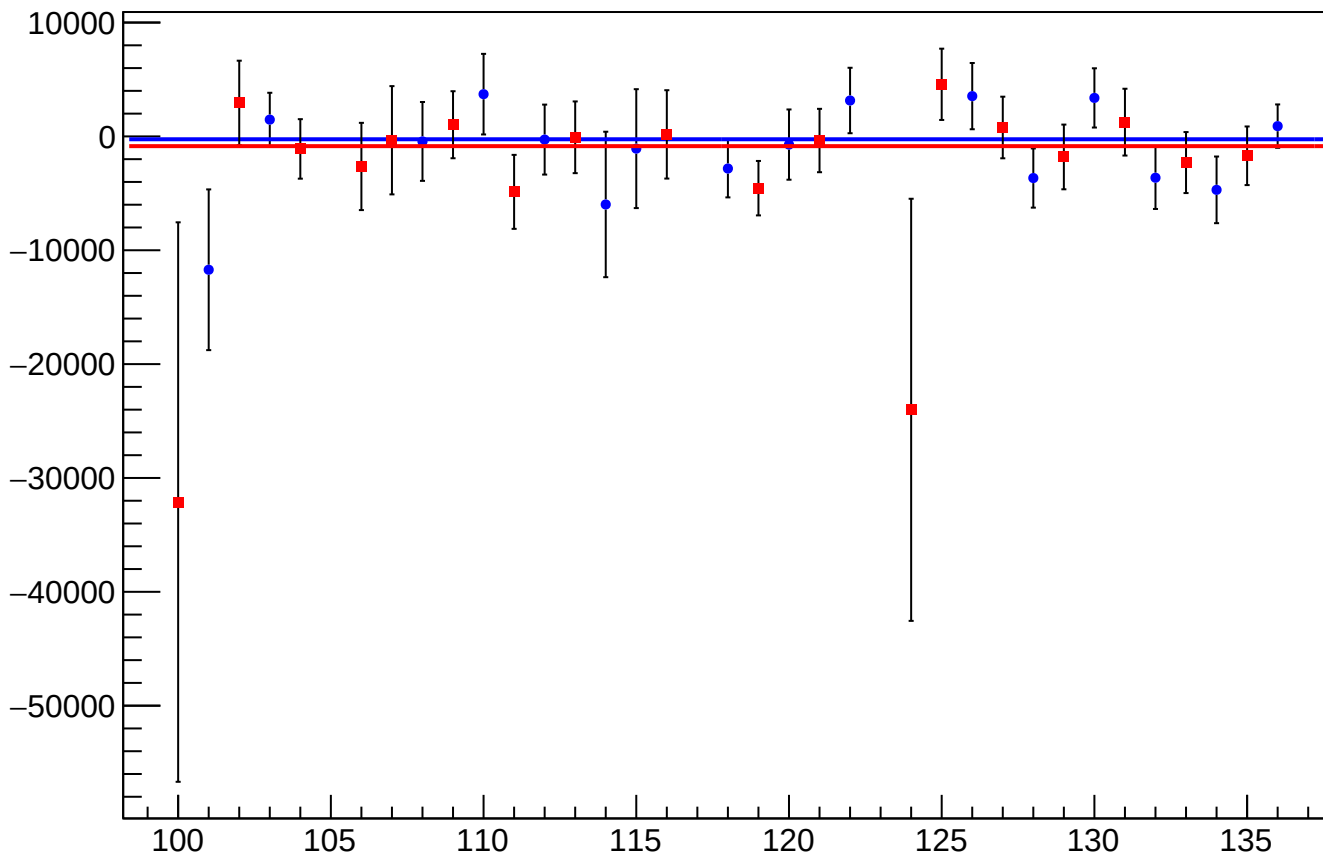
Right: 0.000+/-0.000 χ^2/NDF : 3104361.6/33

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 : 3104361.6/33

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: -855.659+/-748.204 χ^2/NDF : 13.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

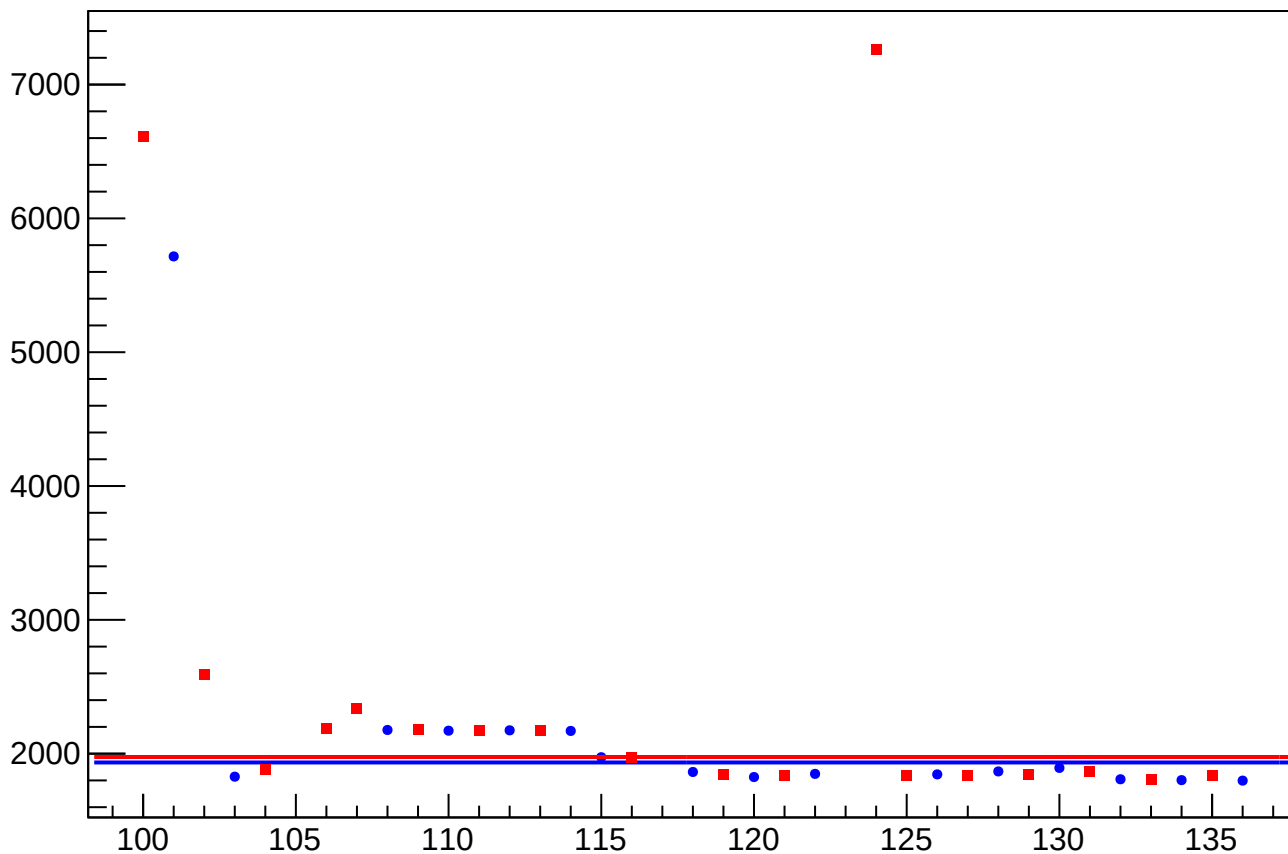
Right: -548.144+/-524.370 χ^2/NDF : 30.9/33

In: -251.297+/-735.111 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -548.144+/-524.370 χ^2/NDF : 30.9/33

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: 1975.024+/-0.529 χ^2/NDF : 374791.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

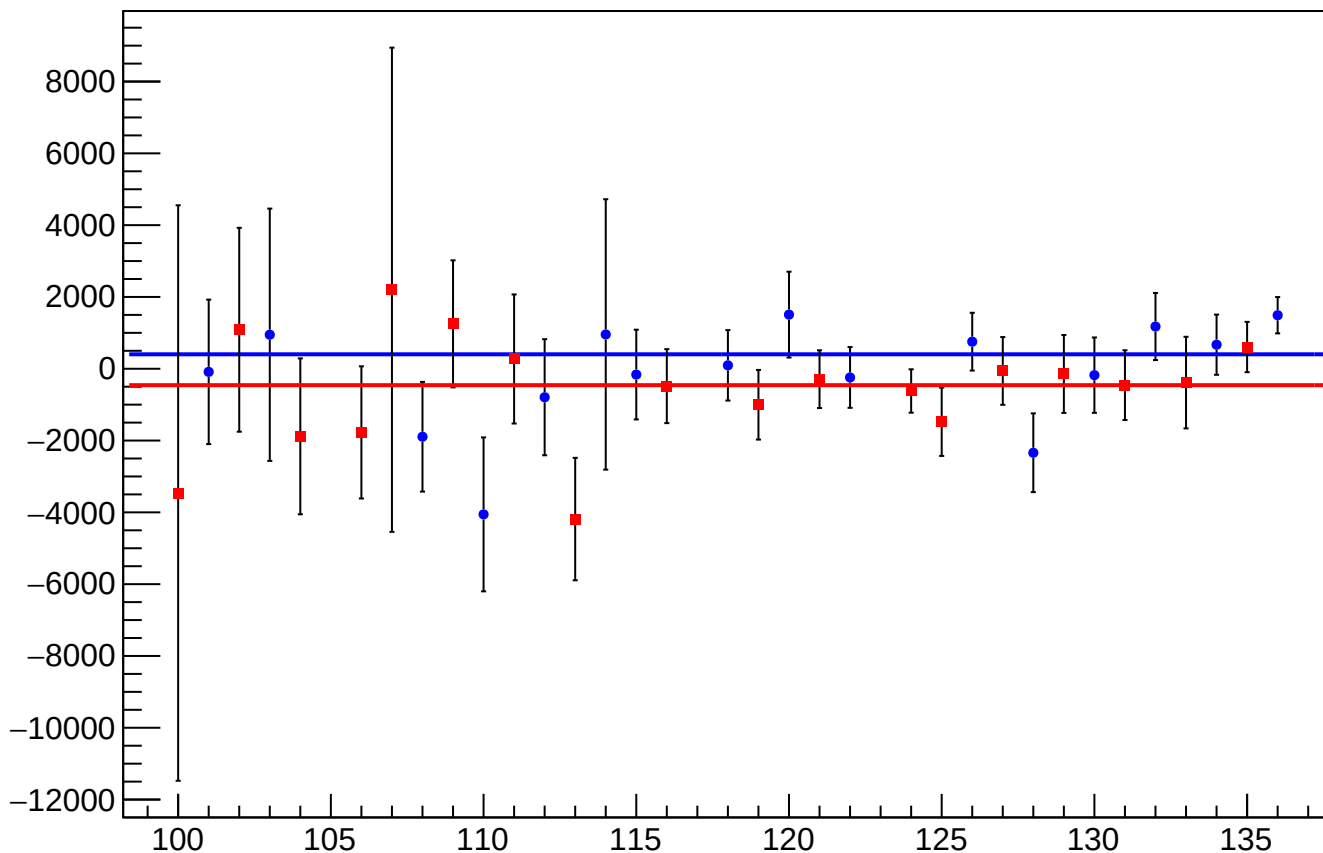
Right: 1954.260+/-0.371 χ^2/NDF : 1017738.3/33

In: 1934.217+/-0.520 χ^2/NDF : 639920.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.260+/-0.371 χ^2/NDF : 1017738.3/33

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: -457.133+/-260.679 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

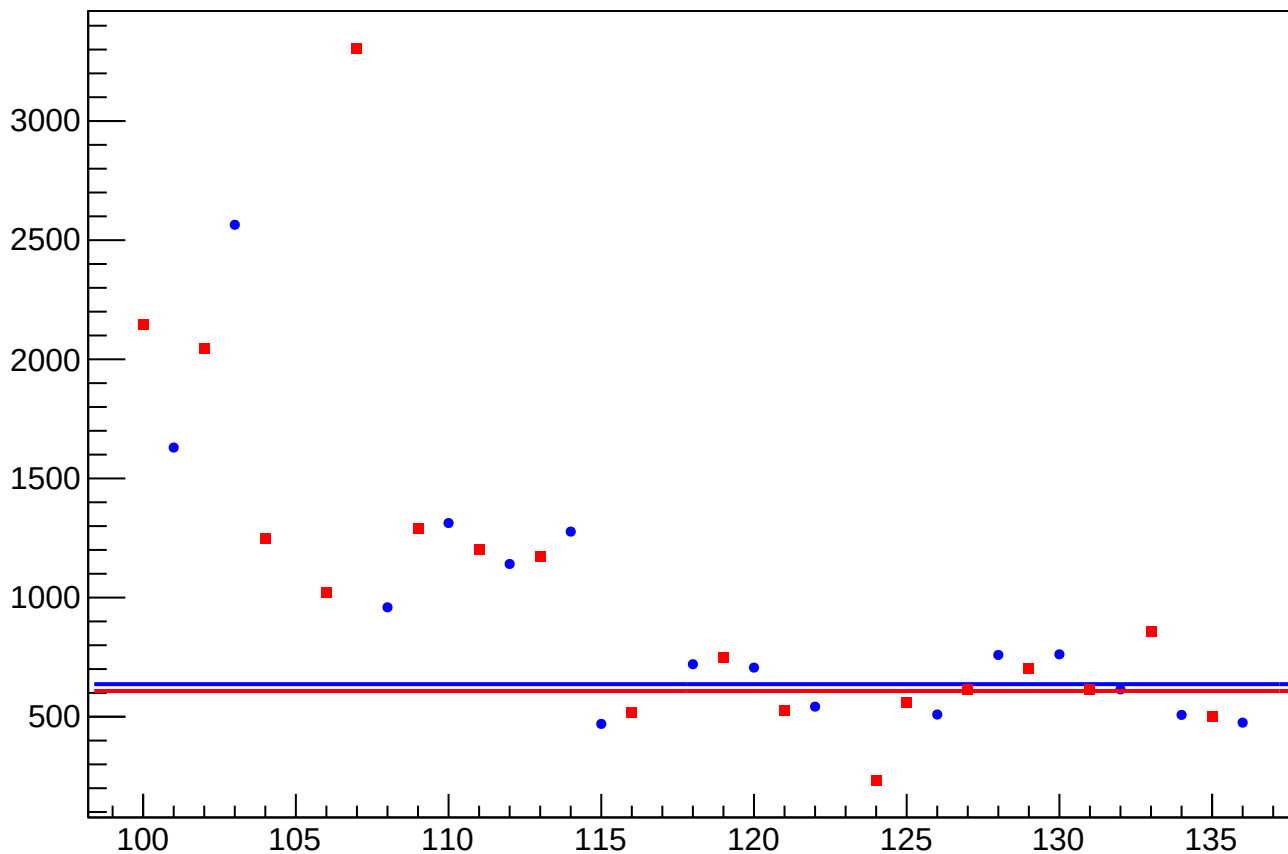
Right: -23.769+/-183.579 χ^2/NDF : 38.2/33

In: 402.626+/-258.574 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.769+/-183.579 χ^2/NDF : 38.2/33

asym_at1_dd_reg_correction_rms vs Slug, Sign Corrected



Right In: 636.700+/-0.183 χ^2/NDF : 2066891.4/15

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

Right Out: 608.038+/-0.184 χ^2/NDF : 2909060.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

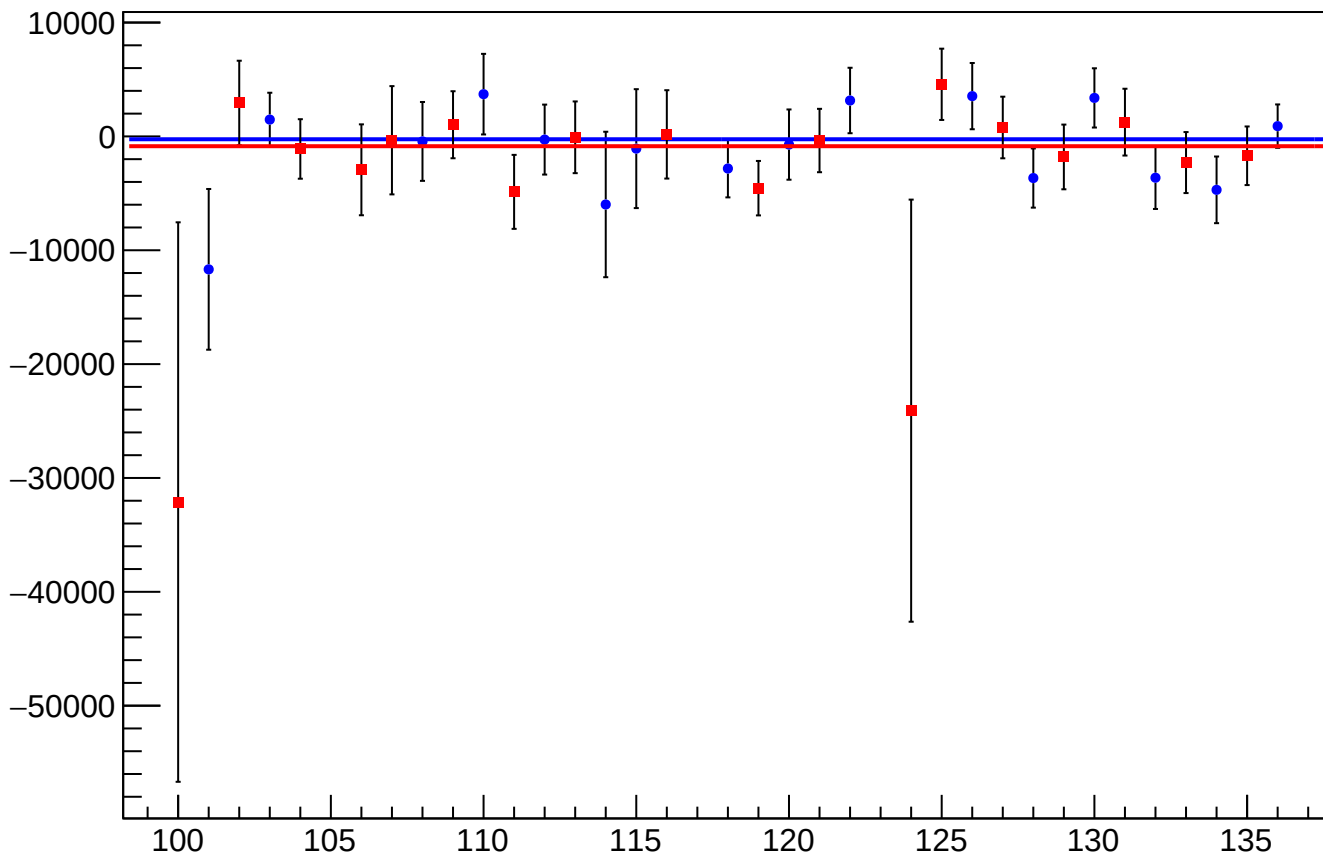
Right: 622.485+/-0.130 χ^2/NDF : 4988139.6/33

In: 636.700+/-0.183 χ^2/NDF : 2066891.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.485+/-0.130 χ^2/NDF : 4988139.6/33

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: -861.302+/-749.332 χ^2 /NDF: 13.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

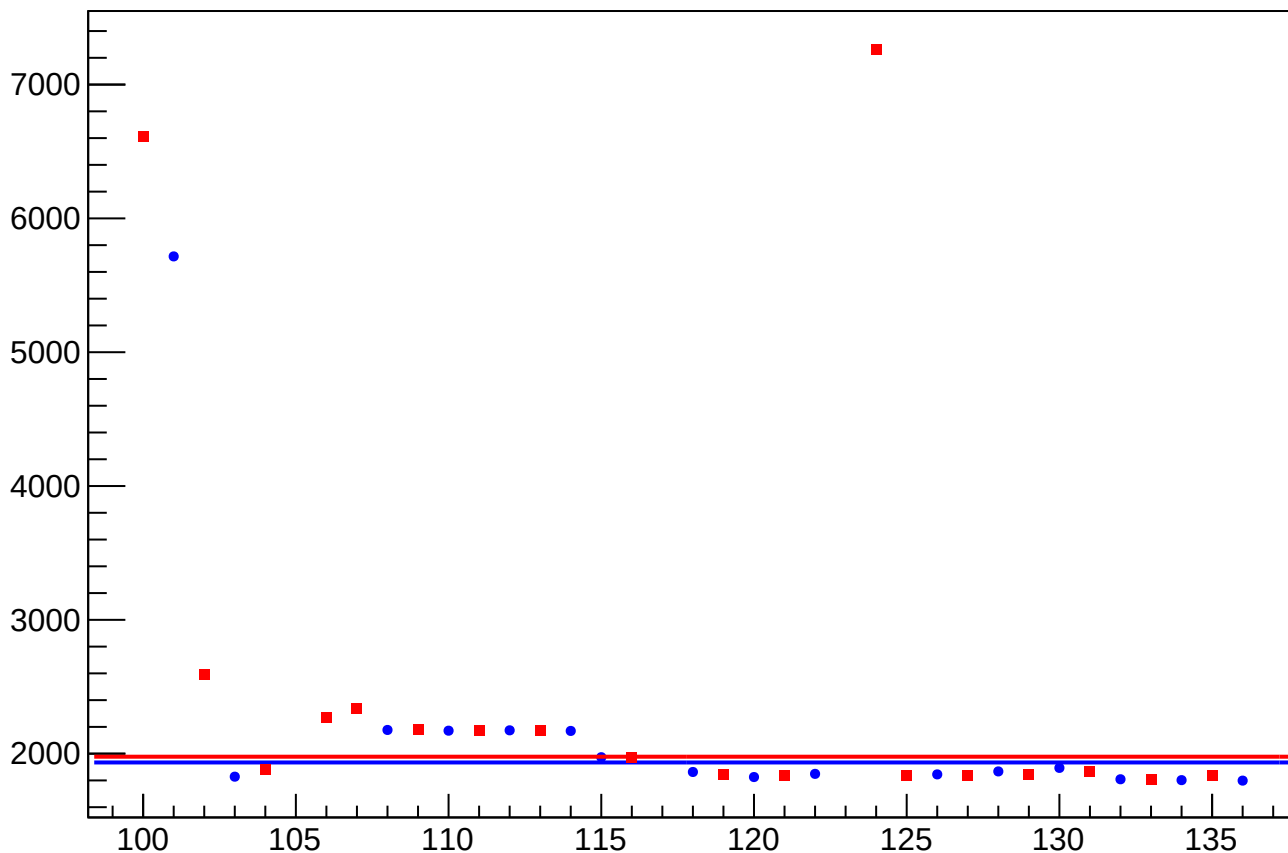
Right: -550.043+/-524.758 χ^2 /NDF: 31.0/33

In: -250.487+/-735.112 χ^2 /NDF:17.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -550.043+/-524.758 χ^2 /NDF: 31.0/33

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: 1977.270+/-0.530 χ^2/NDF : 379495.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

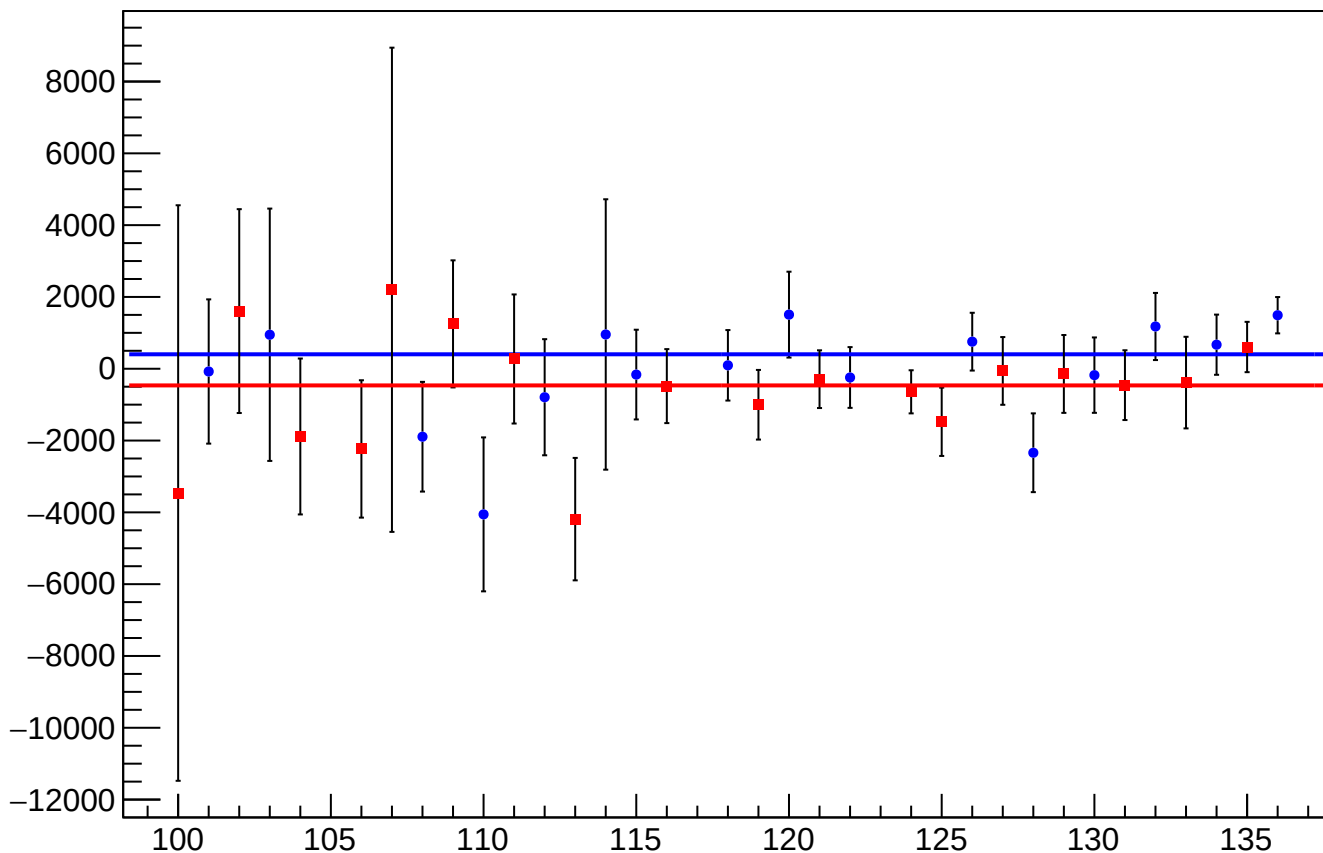
Right: 1955.331+/-0.371 χ^2/NDF : 1022779.6/33

In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1955.331+/-0.371 χ^2/NDF : 1022779.6/33

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: -464.190+/-260.513 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

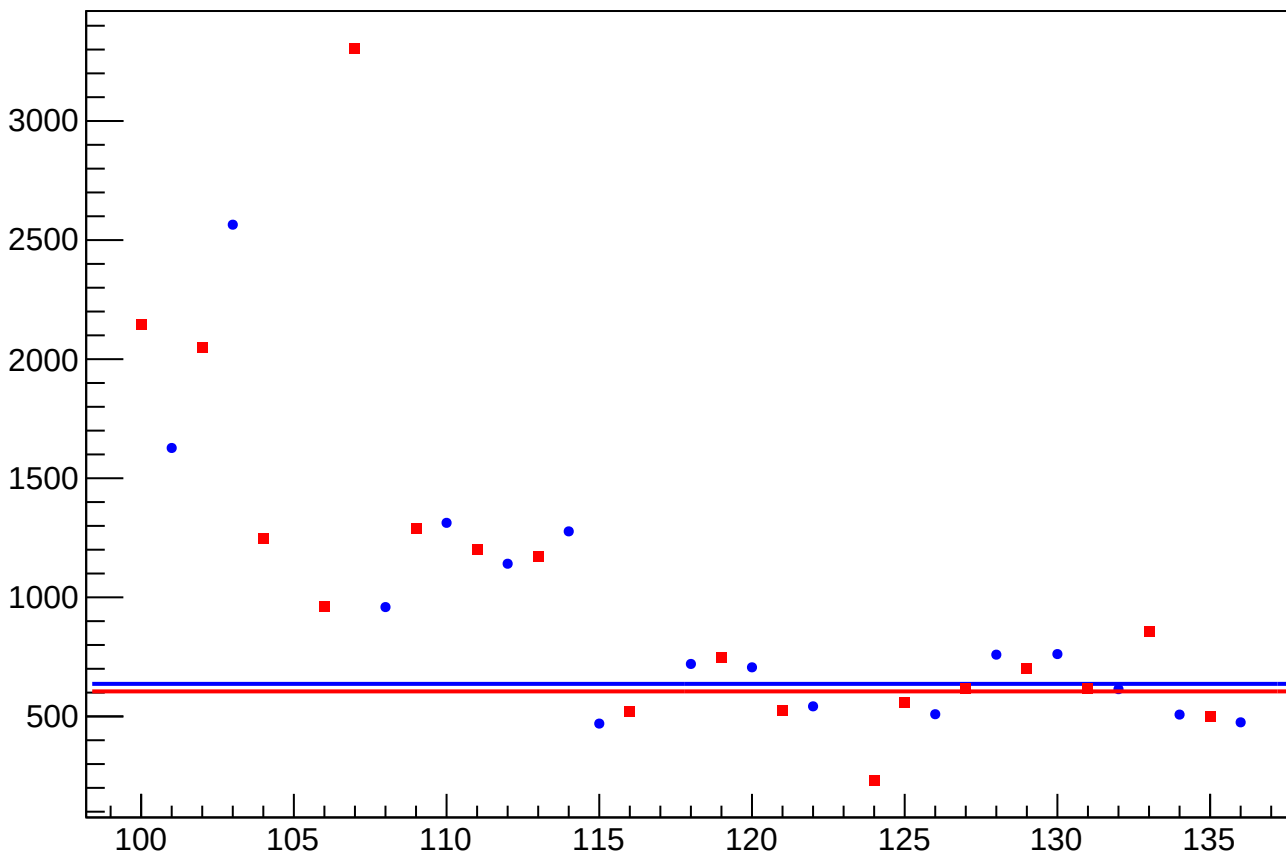
Right: -27.488+/-183.517 χ^2/NDF : 38.9/33

In: 402.701+/-258.564 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -27.488+/-183.517 χ^2/NDF : 38.9/33

asym_at1_dd_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: 605.083+/-0.184 χ^2/NDF : 2896849.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

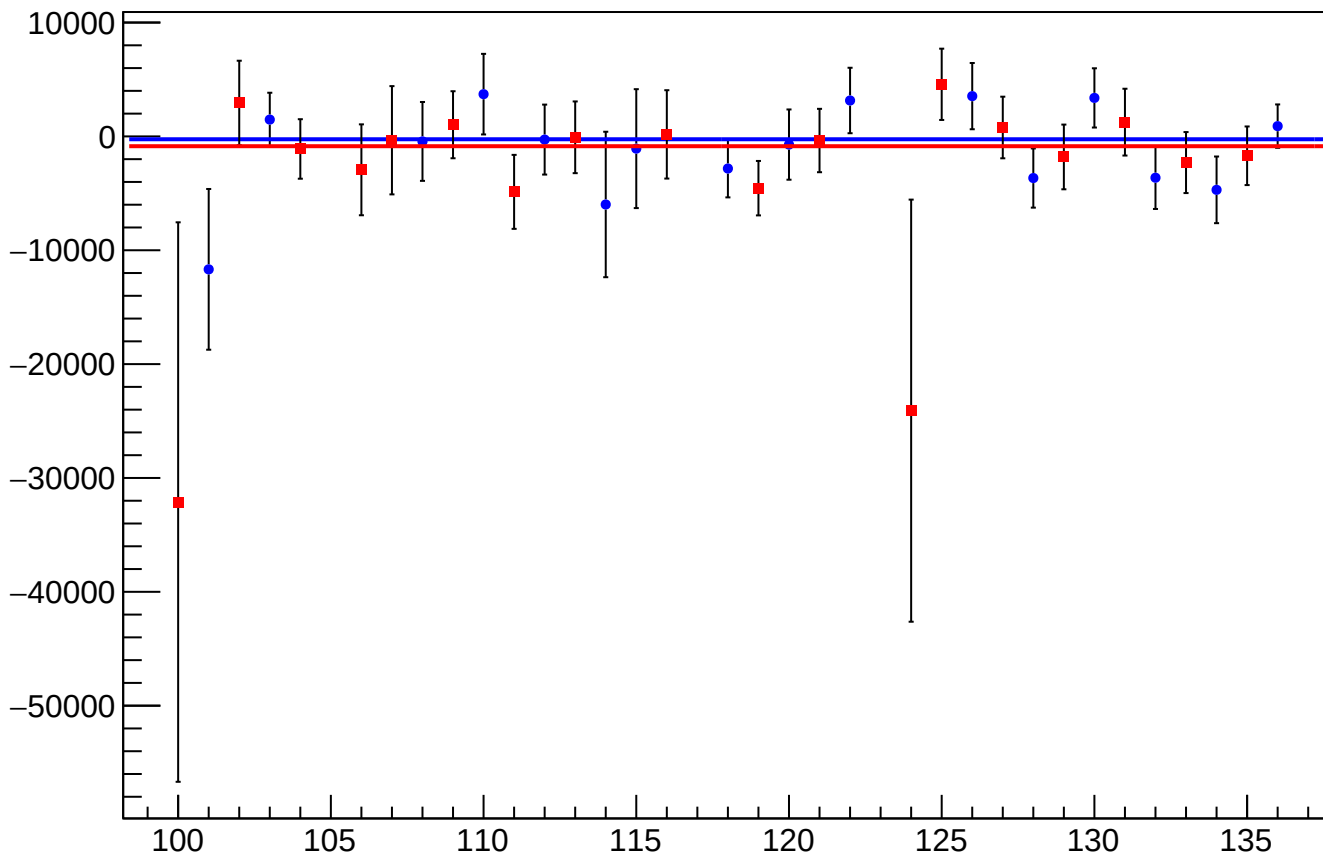
Right: 621.009+/-0.130 χ^2/NDF : 4977710.0/33

In: 636.698+/-0.183 χ^2/NDF : 2066022.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.009+/-0.130 χ^2/NDF : 4977710.0/33

eigen_cor_asym_at1_dd_mean vs Slug, Sign Corrected



Right In: -250.487 ± 735.112 $\chi^2/\text{NDF}: 17.2/15$

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

Right Out: -861.302 ± 749.332 $\chi^2/\text{NDF}: 13.4/17$

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

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

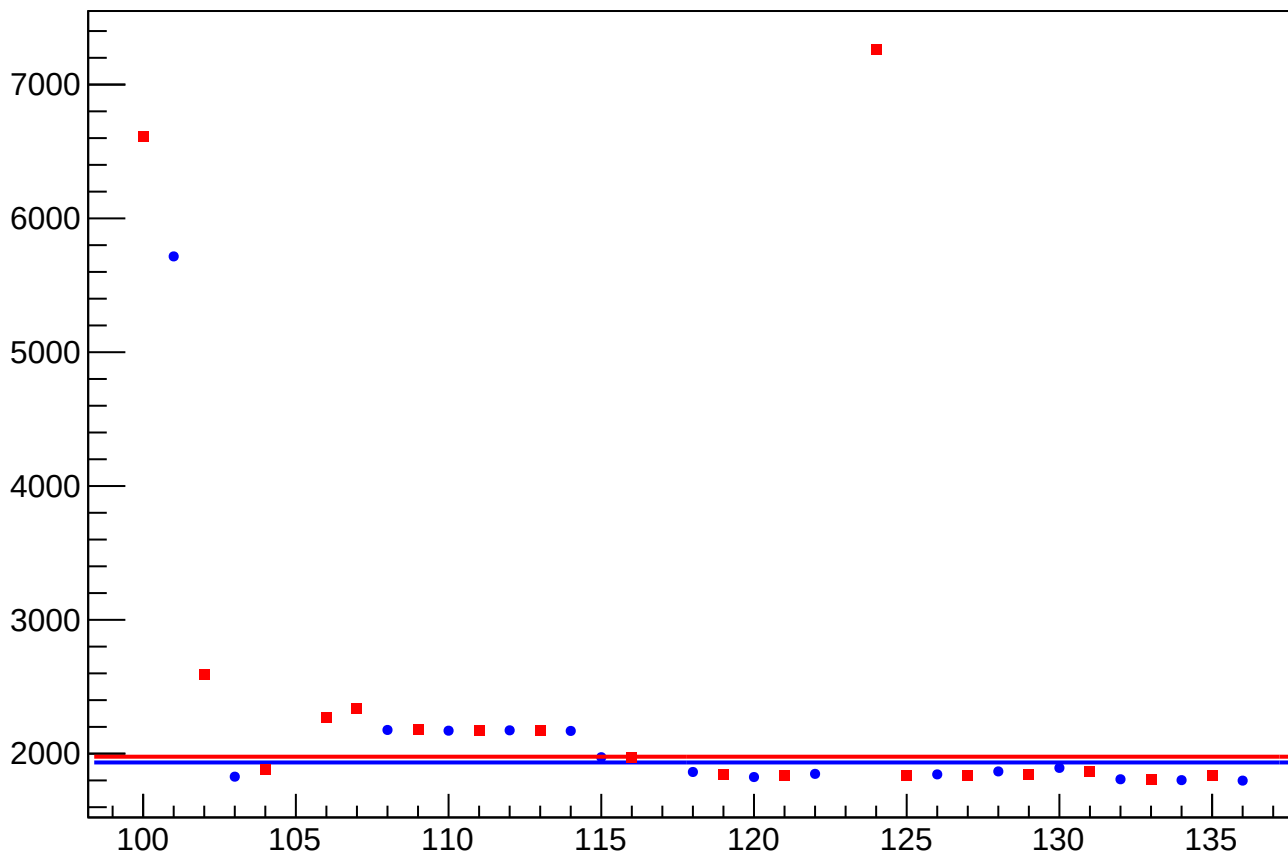
Right: -550.043 ± 524.758 $\chi^2/\text{NDF}: 31.0/33$

In: -250.487 ± 735.112 $\chi^2/\text{NDF}: 17.2/15$

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

All: -550.043 ± 524.758 $\chi^2/\text{NDF}: 31.0/33$

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: 1977.270+/-0.530 χ^2/NDF : 379495.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

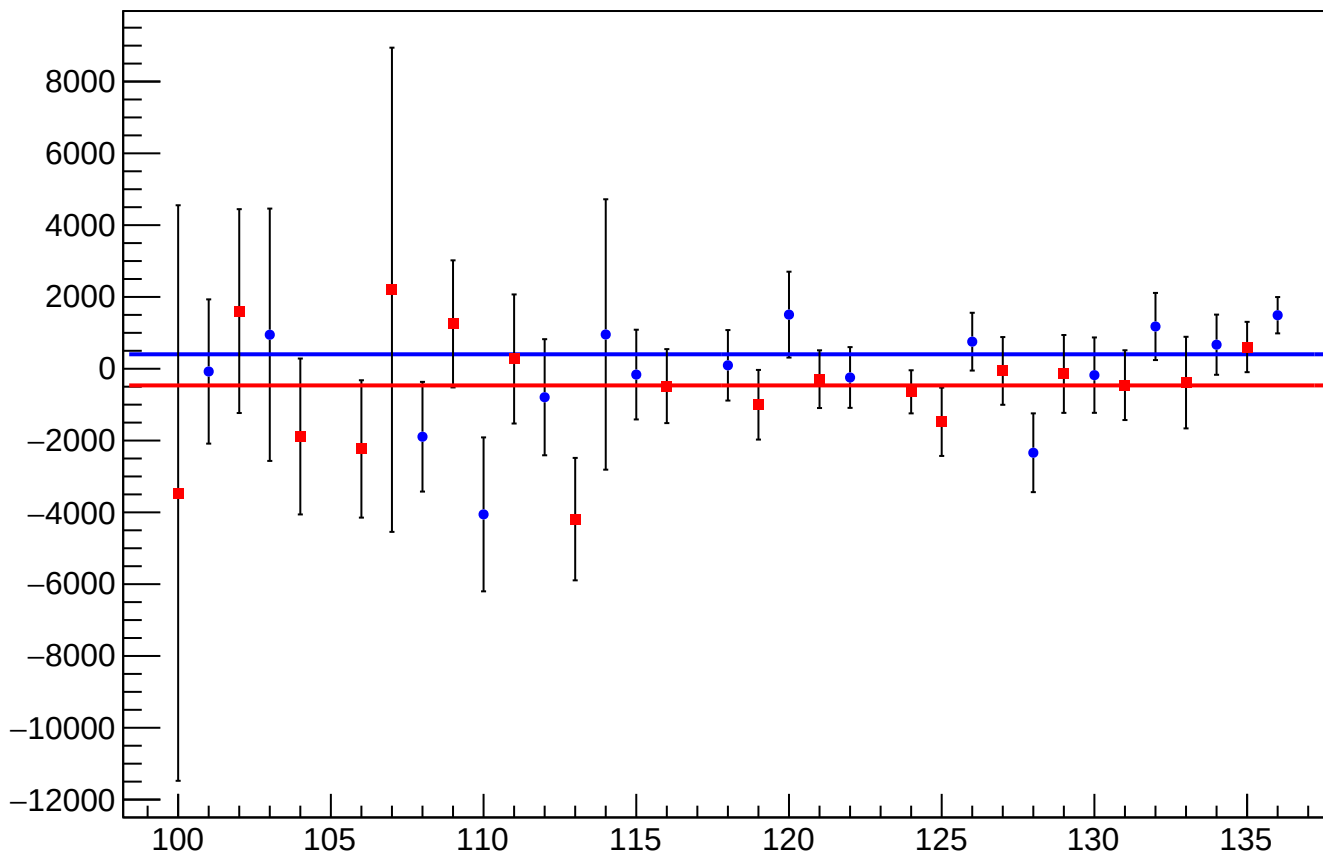
Right: 1955.331+/-0.371 χ^2/NDF : 1022779.6/33

In: 1934.217+/-0.520 χ^2/NDF : 639919.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1955.331+/-0.371 χ^2/NDF : 1022779.6/33

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: -464.190+/-260.513 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

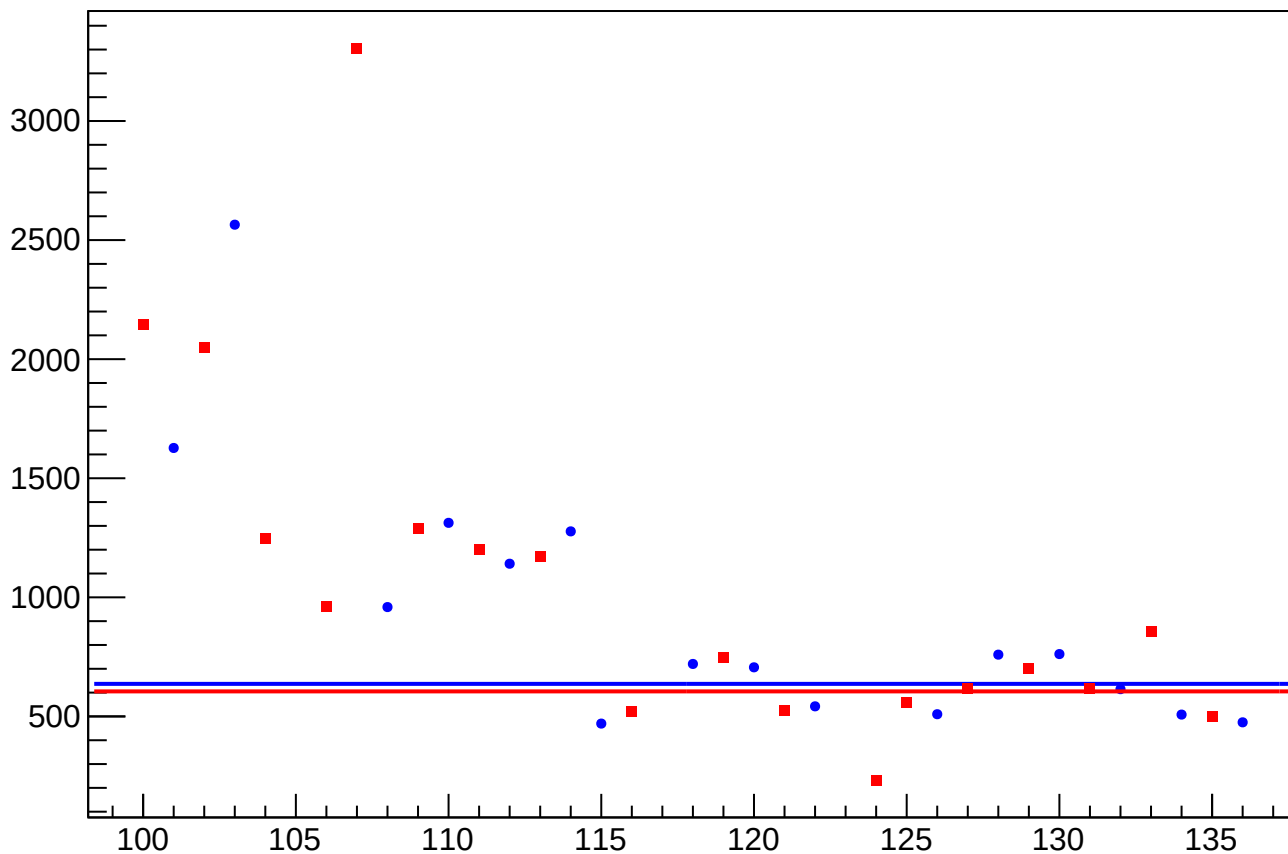
Right: -27.488+/-183.517 χ^2/NDF : 38.9/33

In: 402.701+/-258.564 χ^2/NDF :21.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -27.488+/-183.517 χ^2/NDF : 38.9/33

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: 605.083+/-0.184 χ^2/NDF : 2896849.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

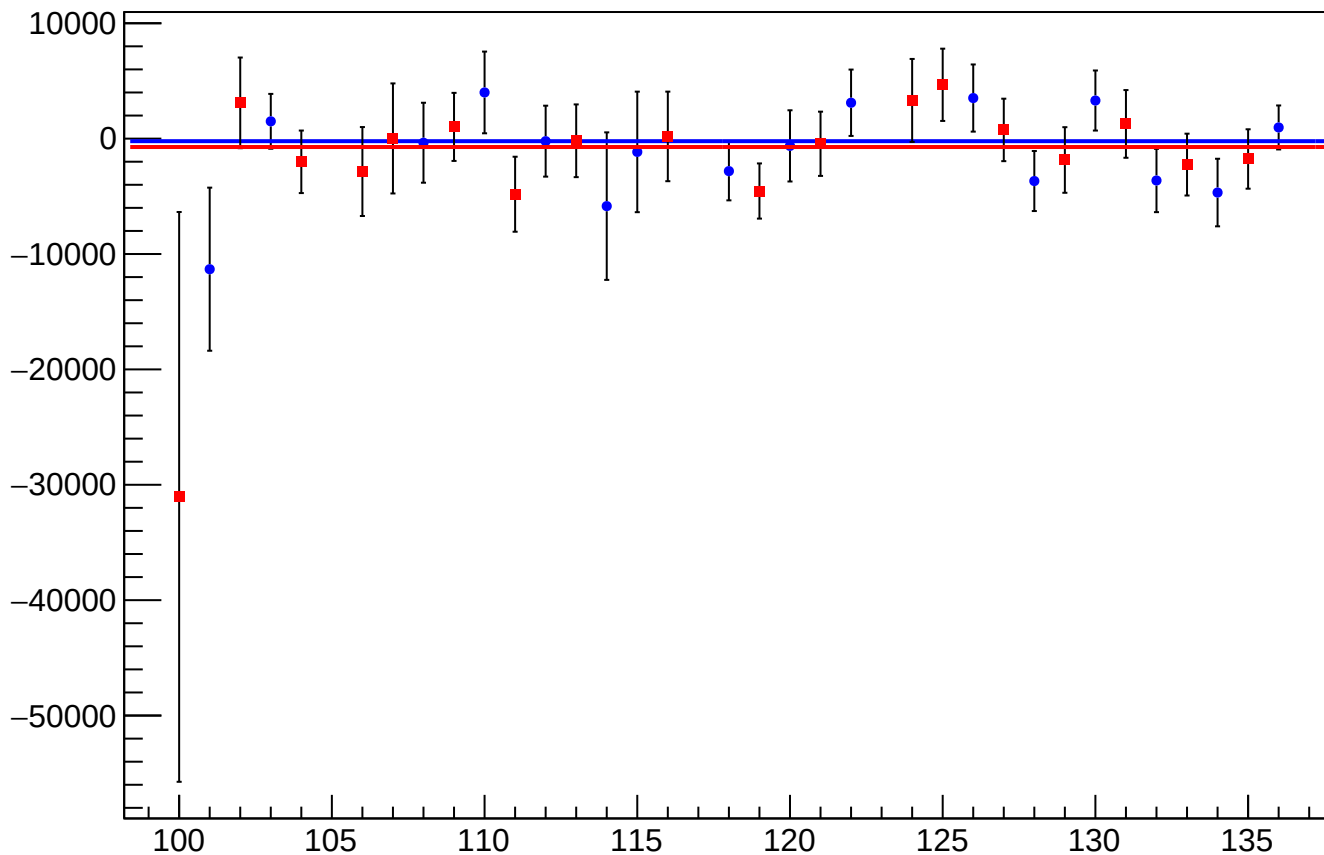
Right: 621.009+/-0.130 χ^2/NDF : 4977710.0/33

In: 636.698+/-0.183 χ^2/NDF : 2066022.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.009+/-0.130 χ^2/NDF : 4977710.0/33

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: -726.557+/-737.156 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

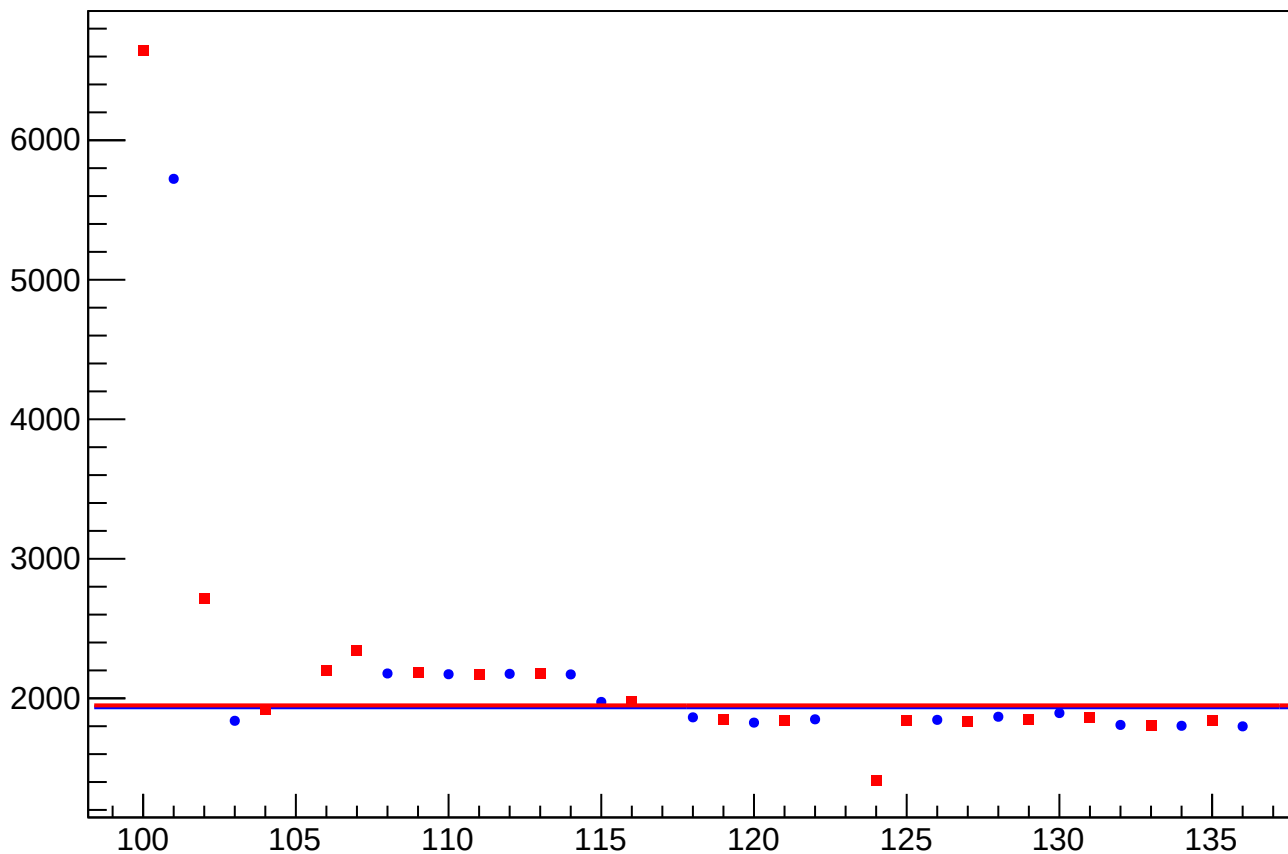
Right: -473.039+/-520.799 χ^2 /NDF: 30.6/33

In: -220.393+/-735.888 χ^2 /NDF:17.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -473.039+/-520.799 χ^2 /NDF: 30.6/33

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: 1949.295+/-0.521 χ^2/NDF : 273635.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

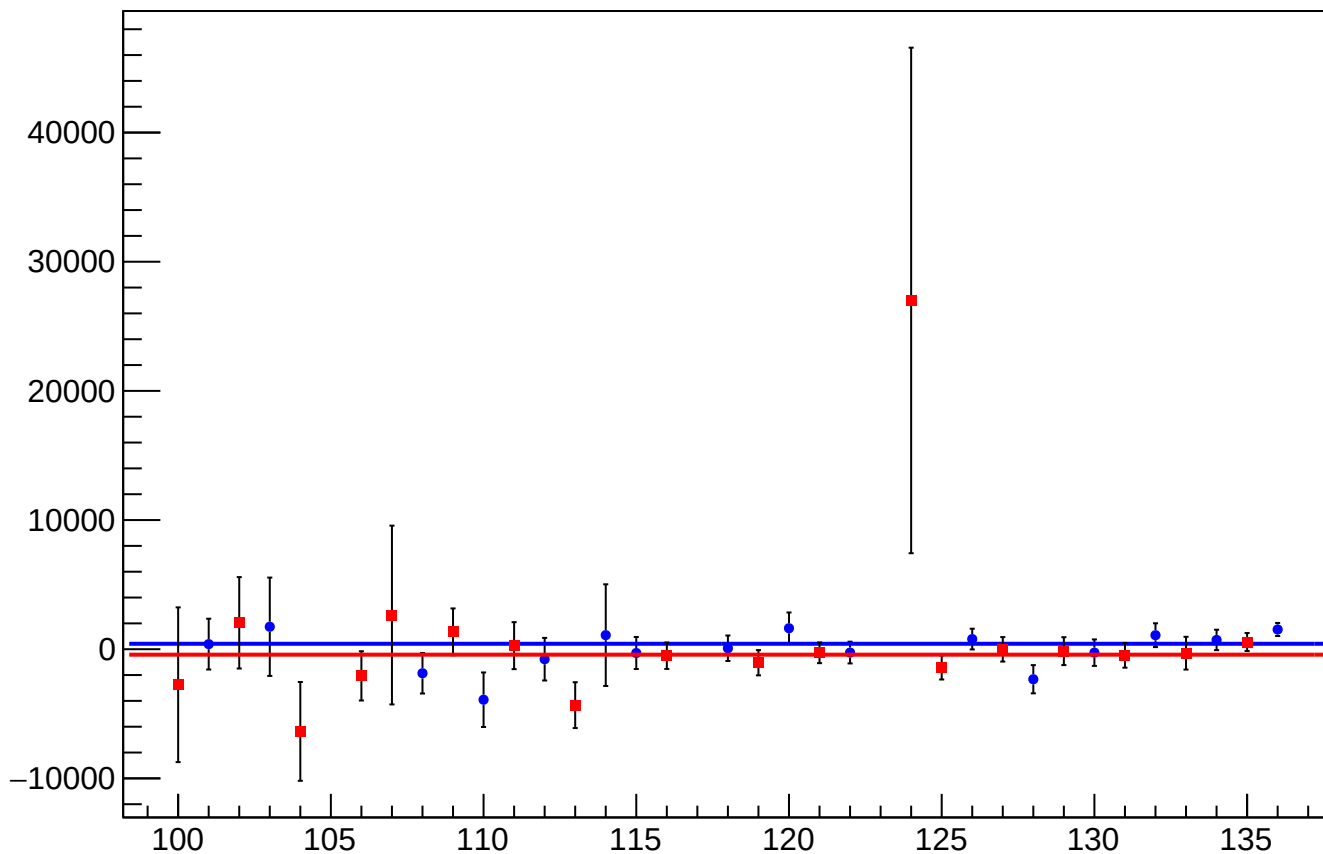
Right: 1942.623+/-0.368 χ^2/NDF : 913770.3/33

In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.623+/-0.368 χ^2/NDF : 913770.3/33

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: -422.704+/-290.374 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

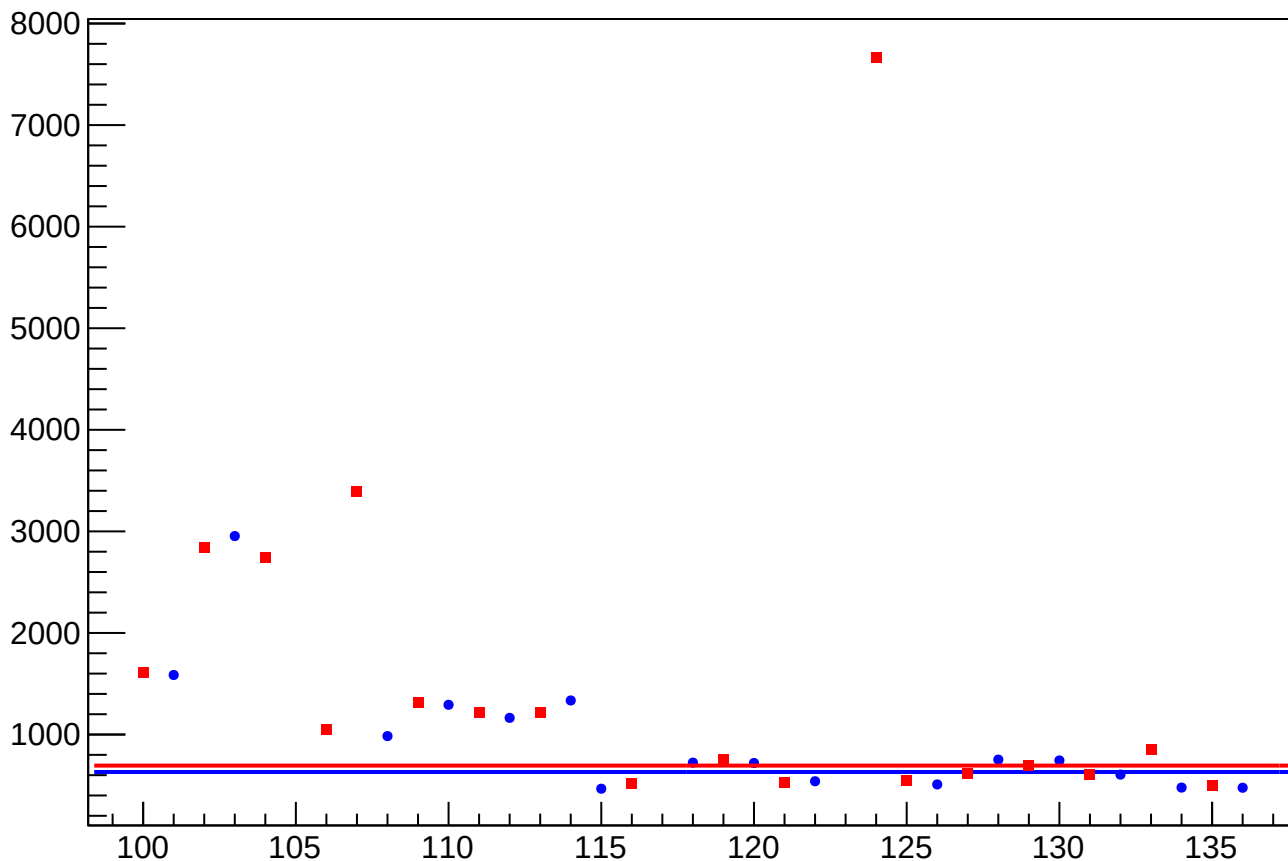
Right: 50.886+/-192.344 χ^2/NDF : 41.9/33

In: 421.145+/-256.749 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.886+/-192.344 χ^2/NDF : 41.9/33

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: 694.183+/-0.205 χ^2/NDF : 2990553.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

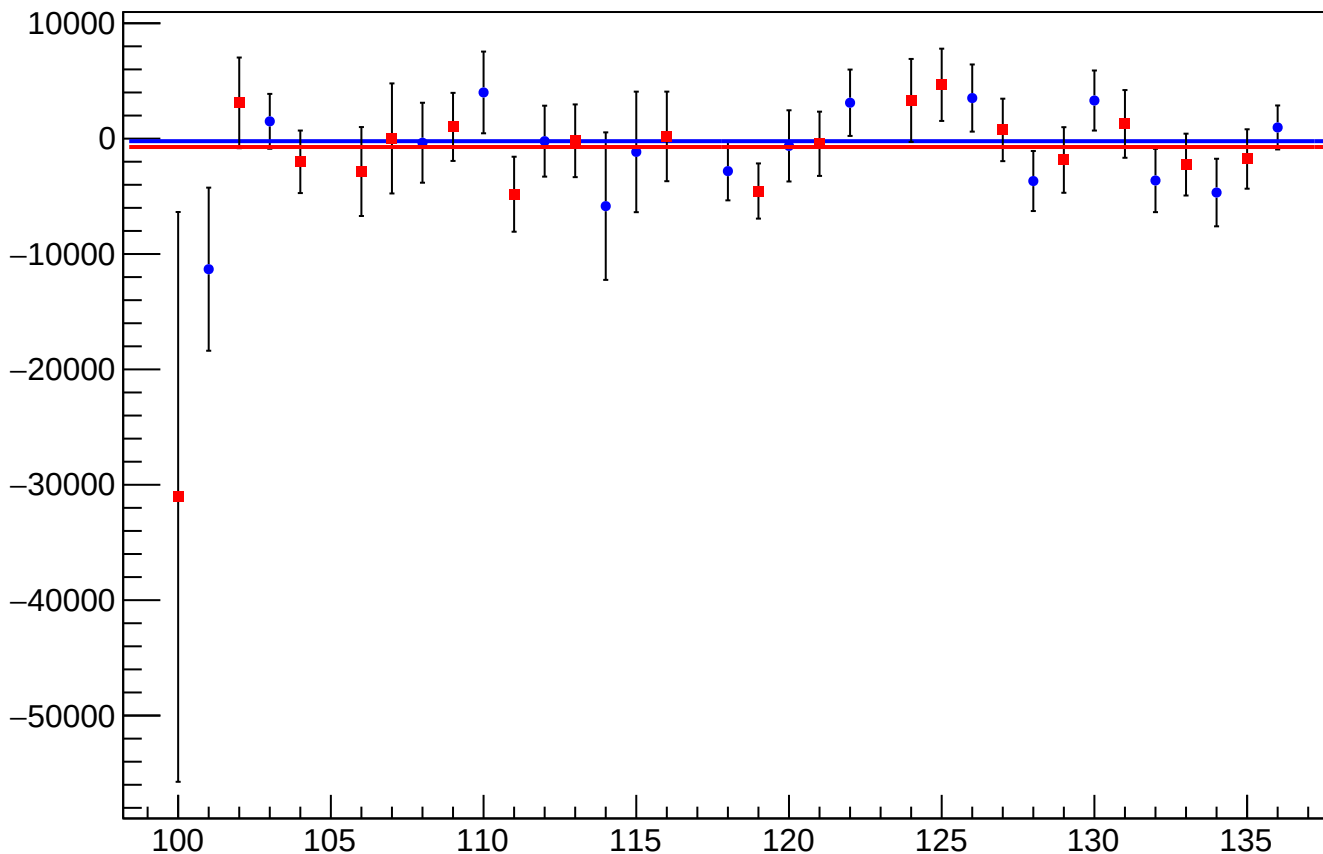
Right: 658.802+/-0.136 χ^2/NDF : 5277943.0/33

In: 631.140+/-0.182 χ^2/NDF : 2234480.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 658.802+/-0.136 χ^2/NDF : 5277943.0/33

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: -726.558+/-737.156 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

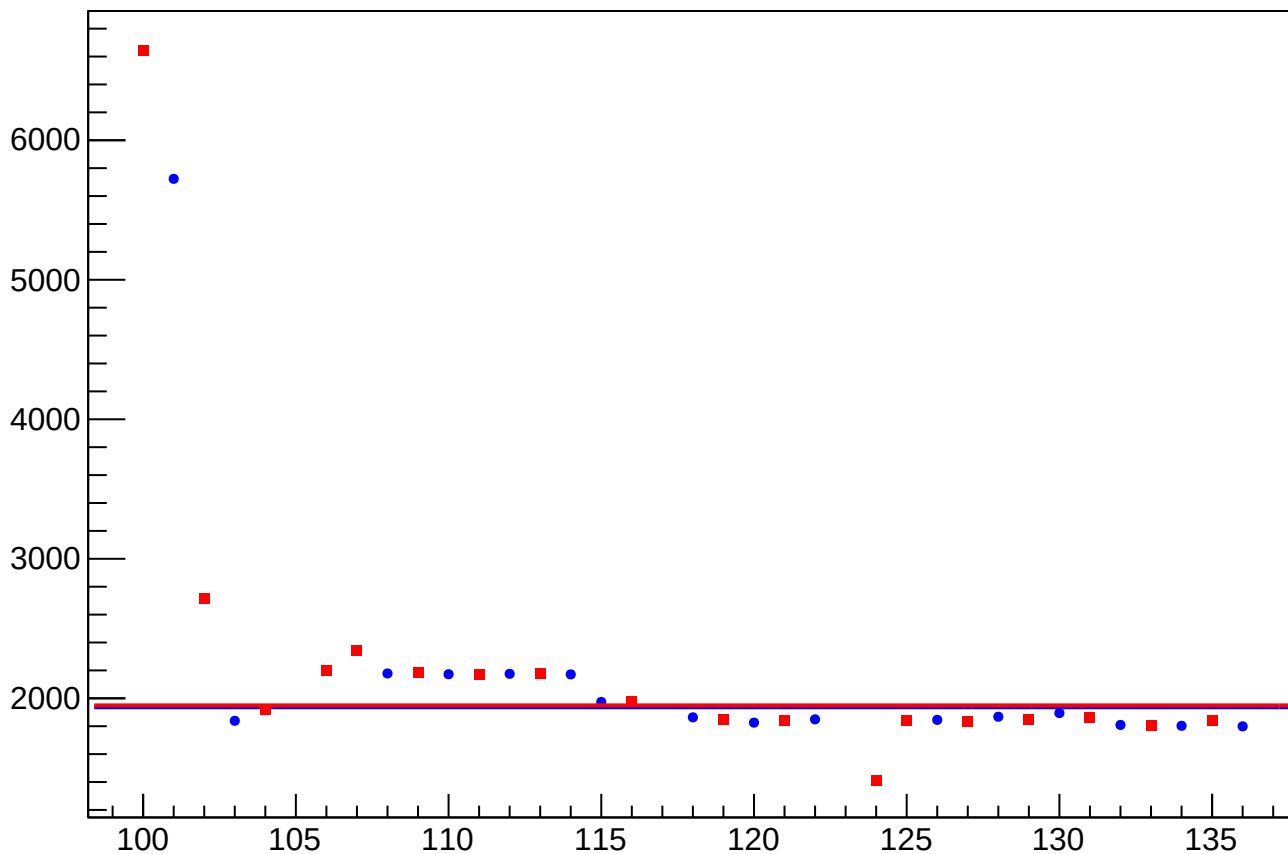
Right: -473.040+/-520.799 χ^2/NDF : 30.6/33

In: -220.393+/-735.888 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -473.040+/-520.799 χ^2/NDF : 30.6/33

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: 1949.295+/-0.521 χ^2/NDF : 273635.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

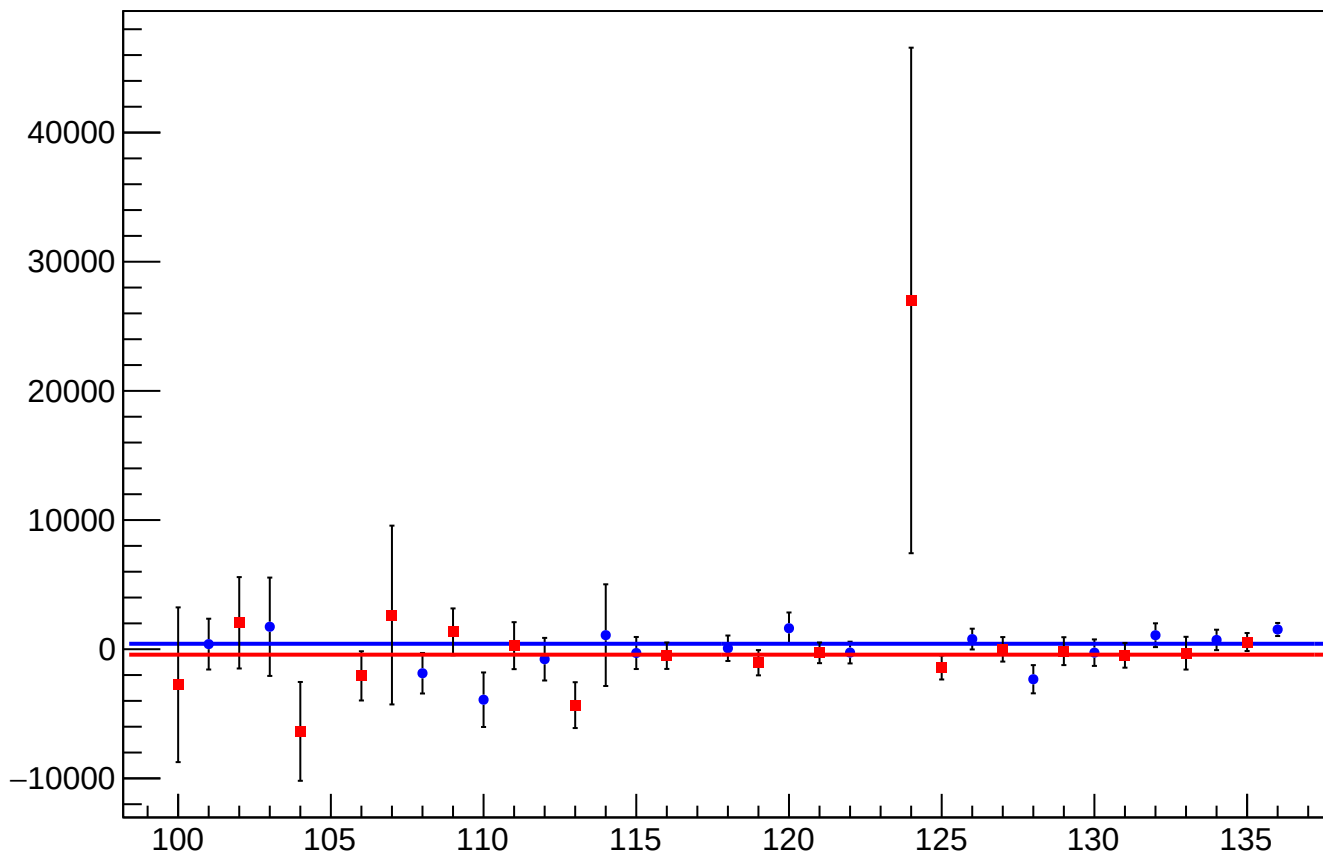
Right: 1942.623+/-0.368 χ^2/NDF : 913770.1/33

In: 1935.974+/-0.520 χ^2/NDF : 639808.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1942.623+/-0.368 χ^2/NDF : 913770.1/33

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: -422.704+/-290.374 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

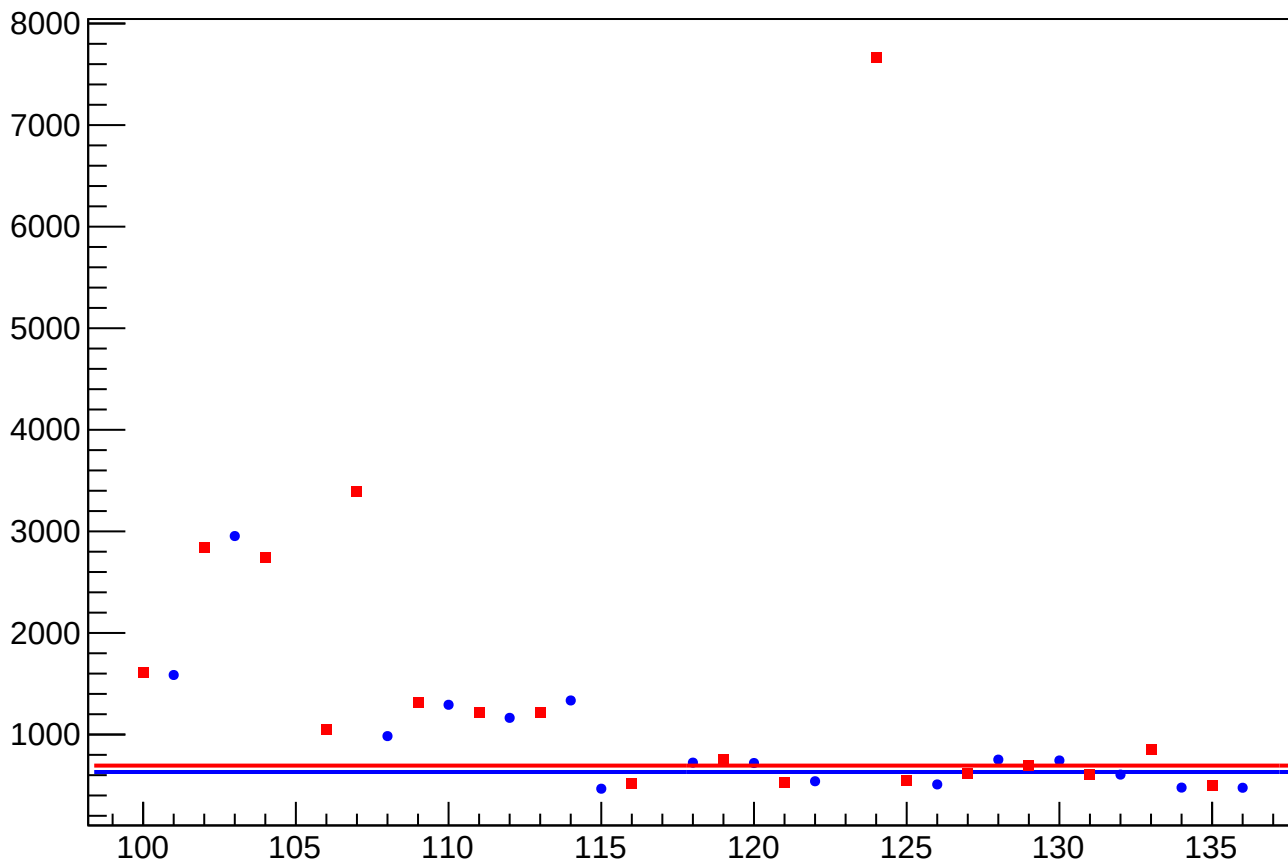
Right: 50.886+/-192.344 χ^2/NDF : 41.9/33

In: 421.144+/-256.749 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.886+/-192.344 χ^2/NDF : 41.9/33

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: 694.183+/-0.205 χ^2/NDF : 2990553.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

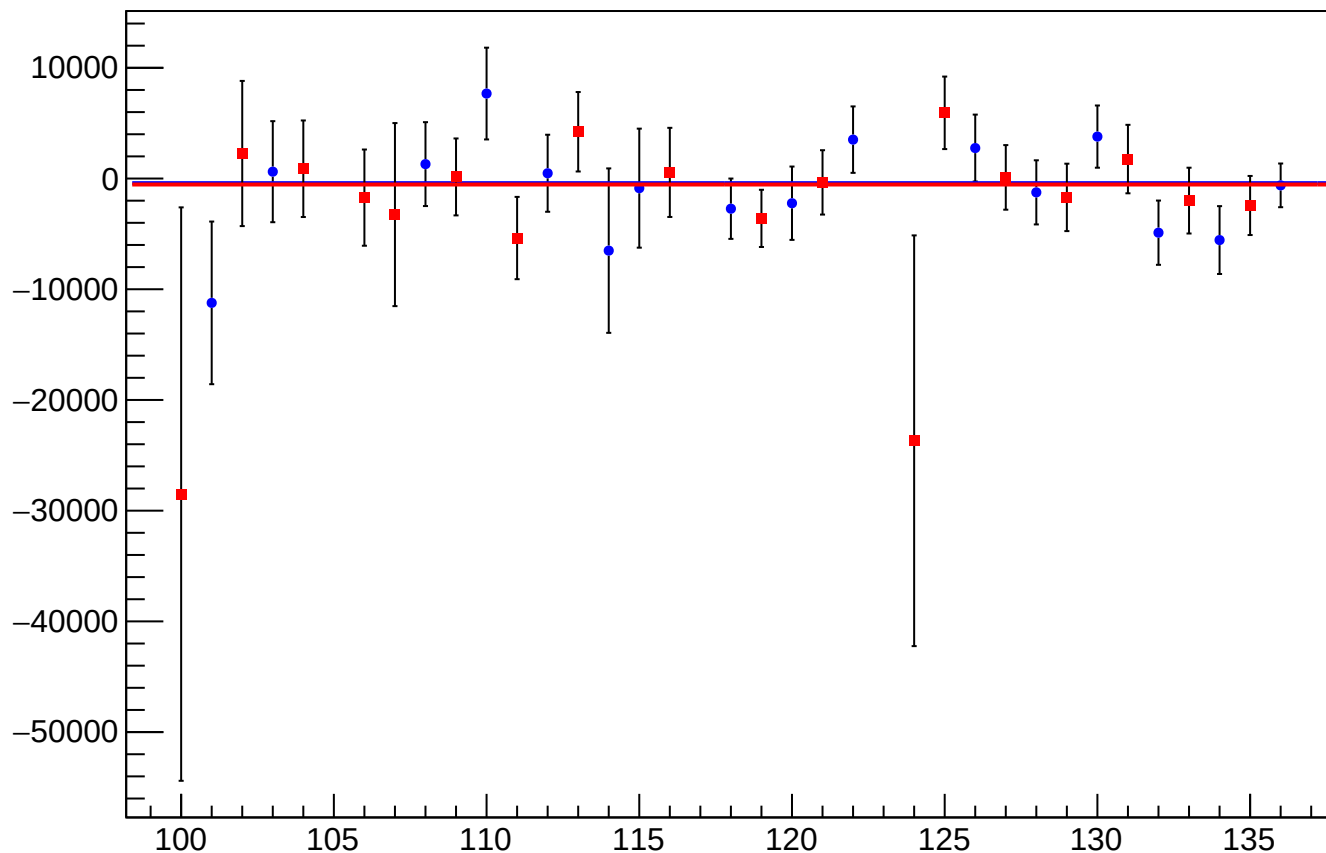
Right: 658.801+/-0.136 χ^2/NDF : 5277942.6/33

In: 631.139+/-0.182 χ^2/NDF :2234479.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 658.801+/-0.136 χ^2/NDF : 5277942.6/33

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: -539.677+/-848.928 χ^2/NDF : 13.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

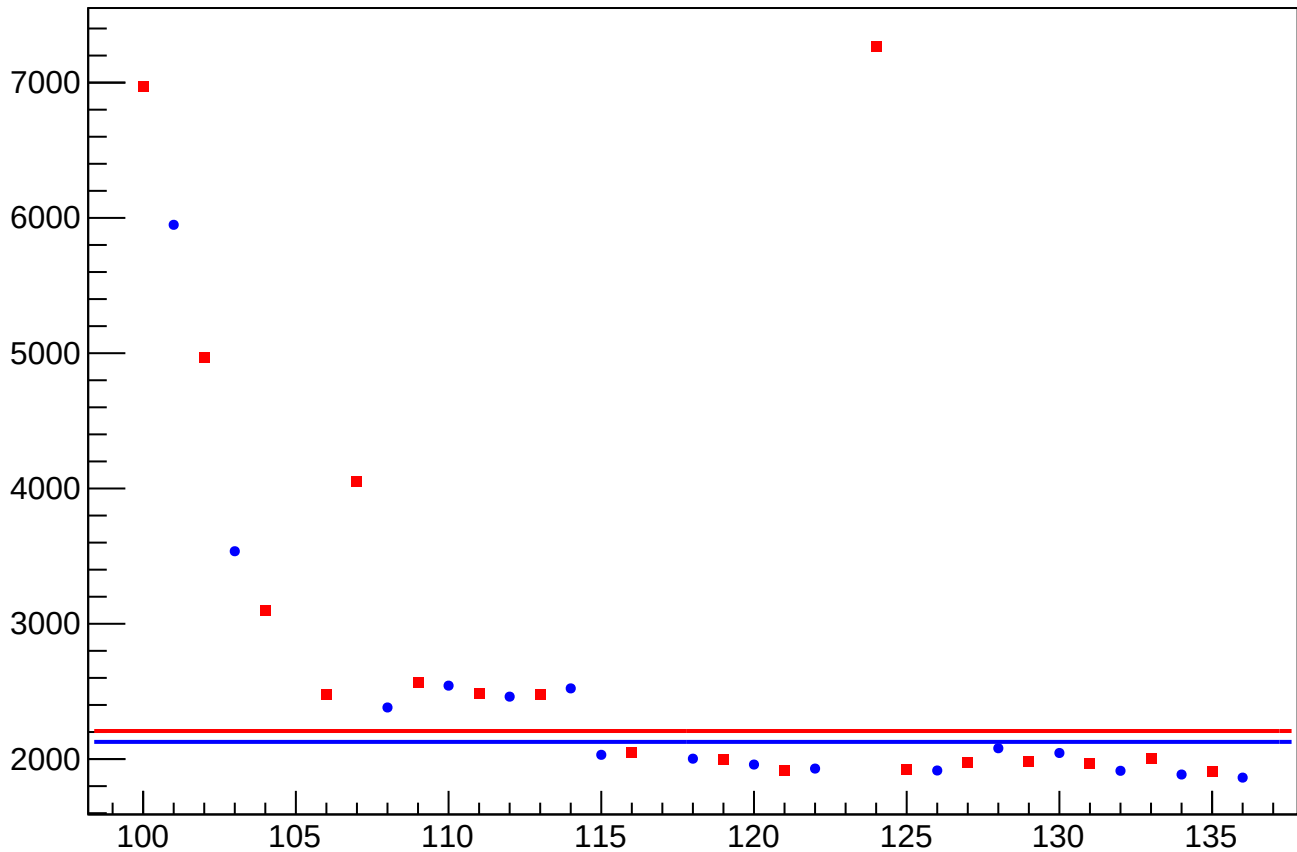
Right: -476.210+/-588.059 χ^2/NDF : 31.9/33

In: -417.662+/-815.370 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -476.210+/-588.059 χ^2/NDF : 31.9/33

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: 2207.485+/-0.600 χ^2/NDF : 929255.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

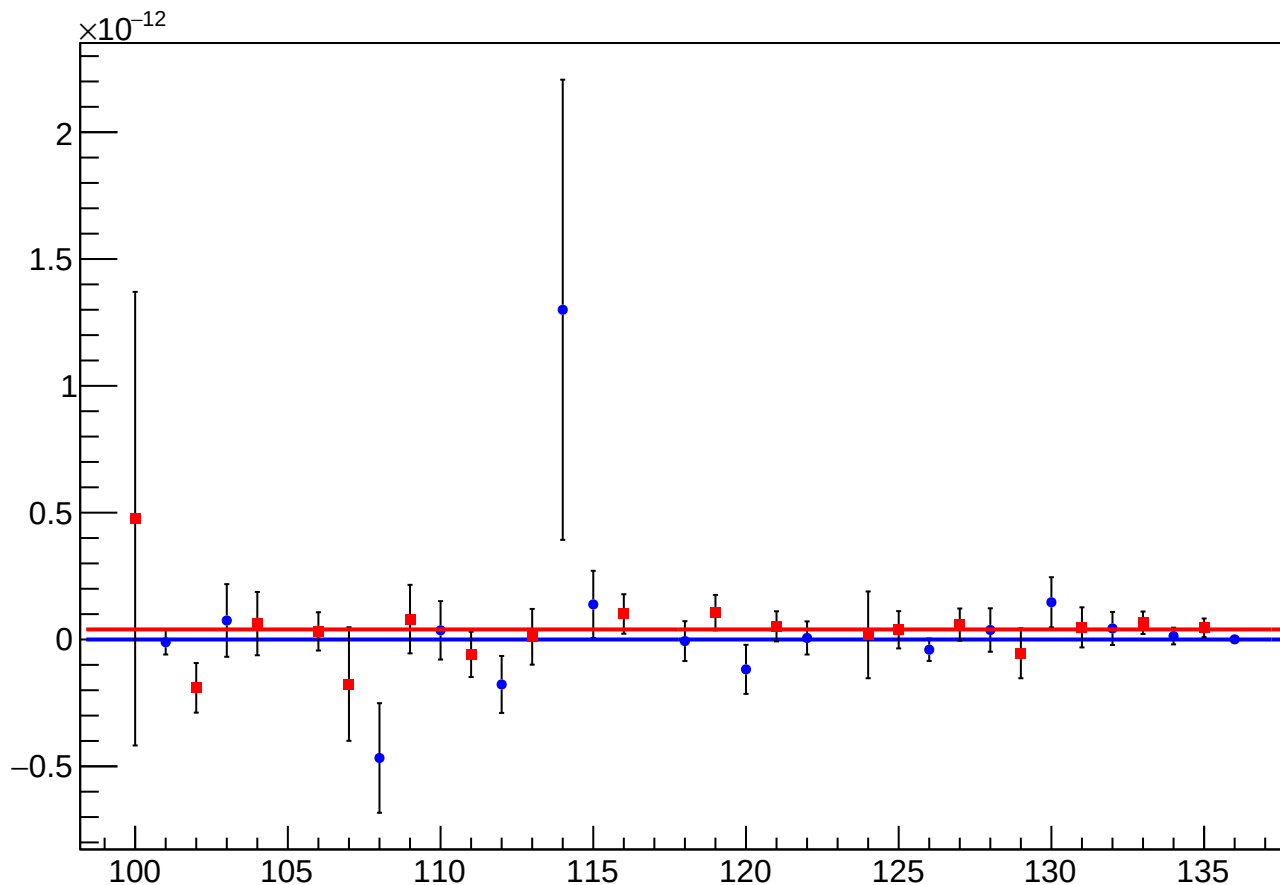
Right: 2165.642+/-0.416 χ^2/NDF : 1813674.9/33

In: 2127.041+/-0.577 χ^2/NDF : 875078.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2165.642+/-0.416 χ^2/NDF : 1813674.9/33

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 : 11.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

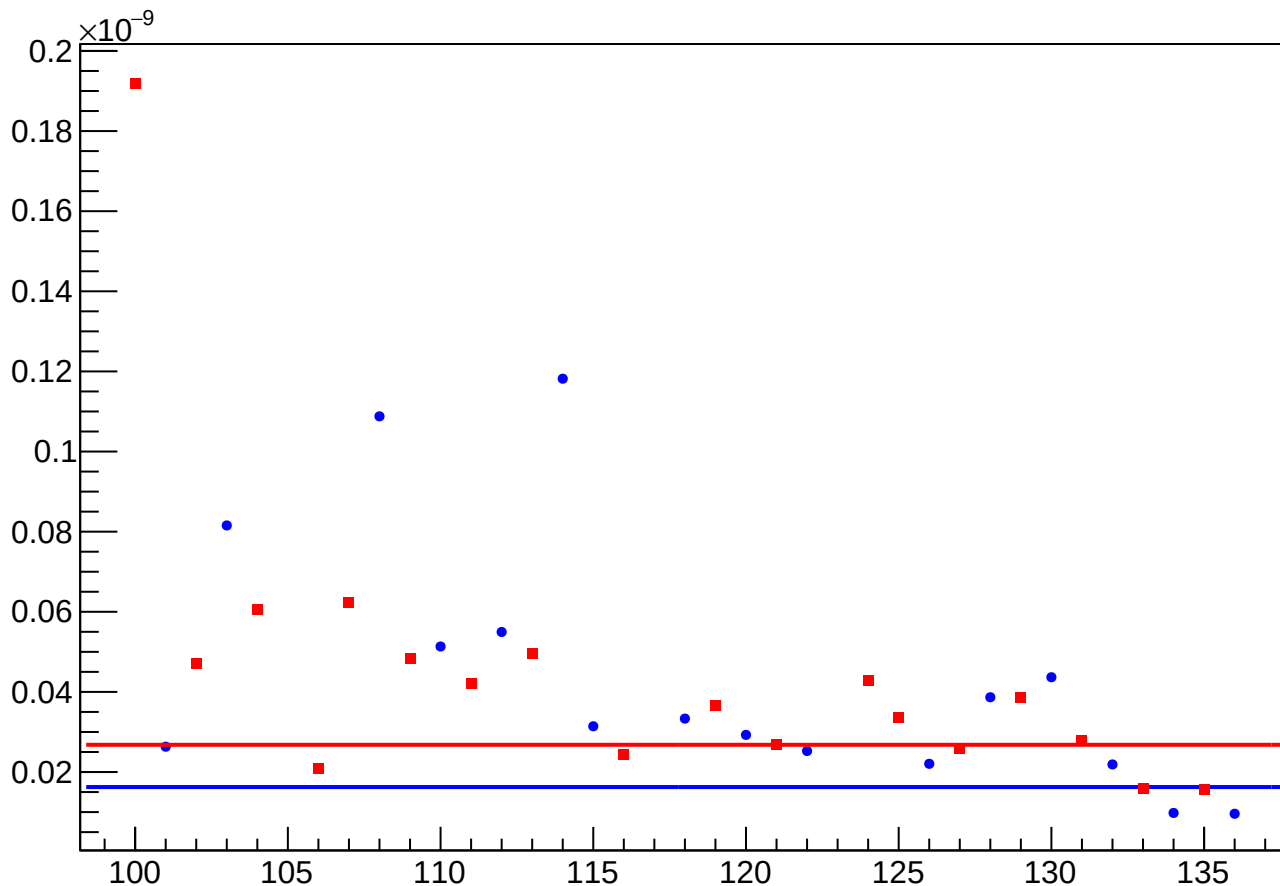
Right: 0.000+/-0.000 χ^2/NDF : 30.7/33

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 : 30.7/33

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 : 963537.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

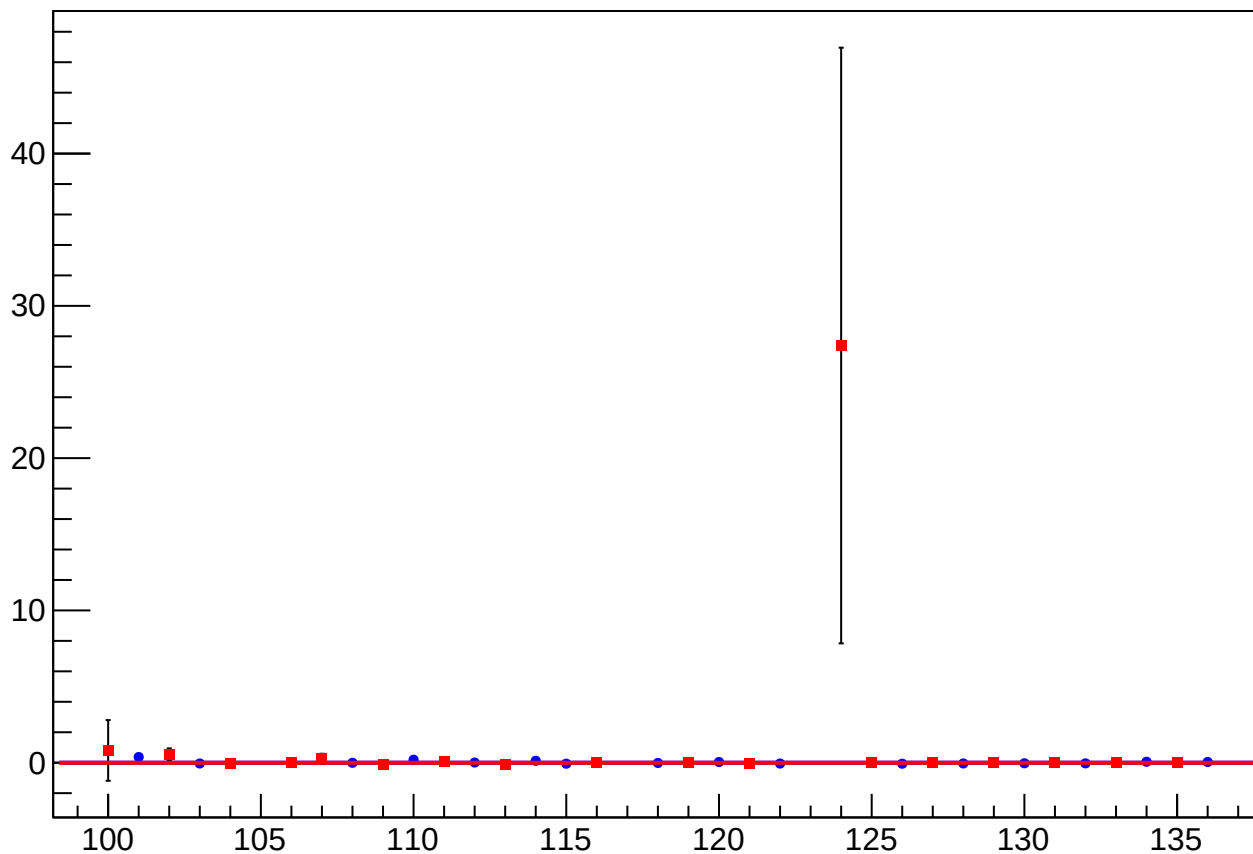
Right: 0.000+/-0.000 χ^2/NDF : 3747450.9/33

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 : 3747450.9/33

asym_at1_dd_dit_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: -0.006 $\pm$ 0.015 χ^2 /NDF: 12.2/17

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

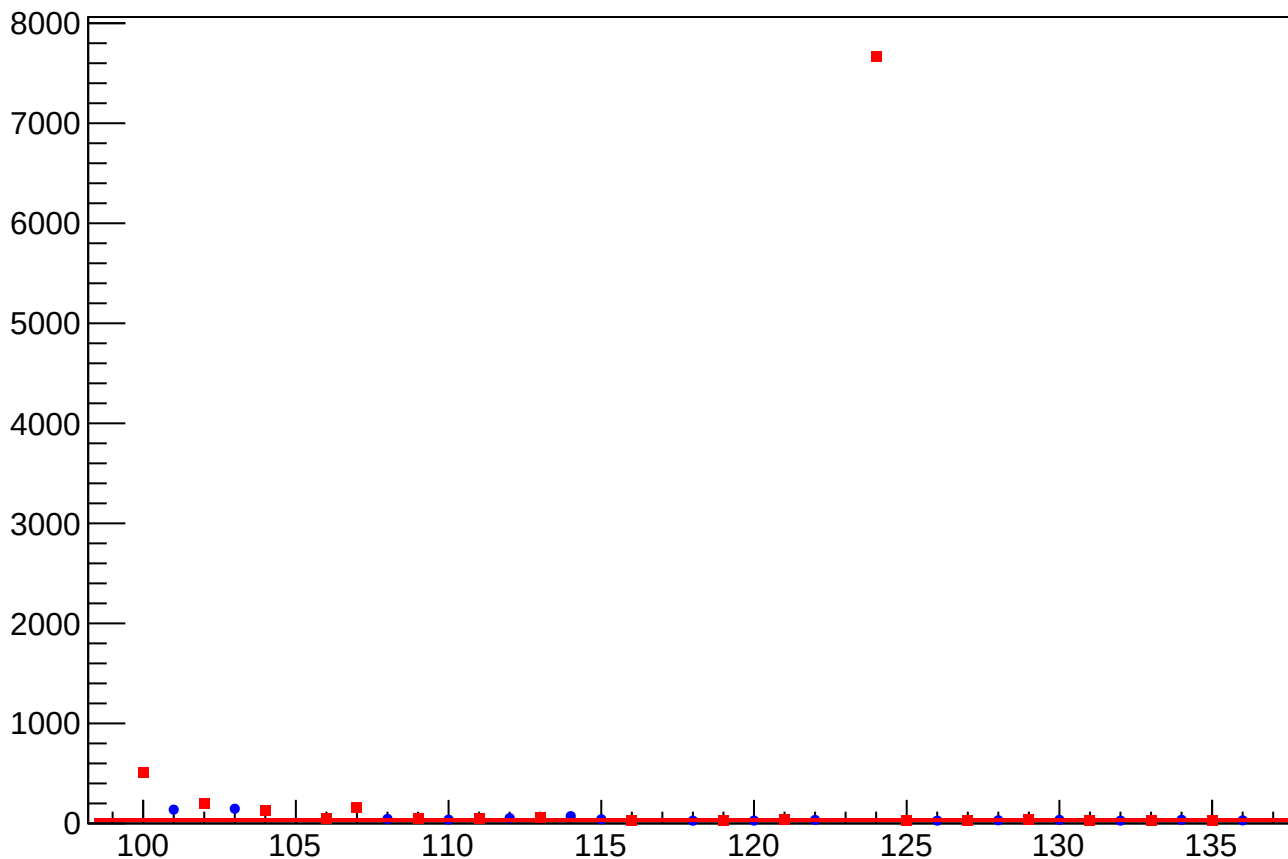
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: 33.611+/-0.011 χ^2/NDF : 2037766.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

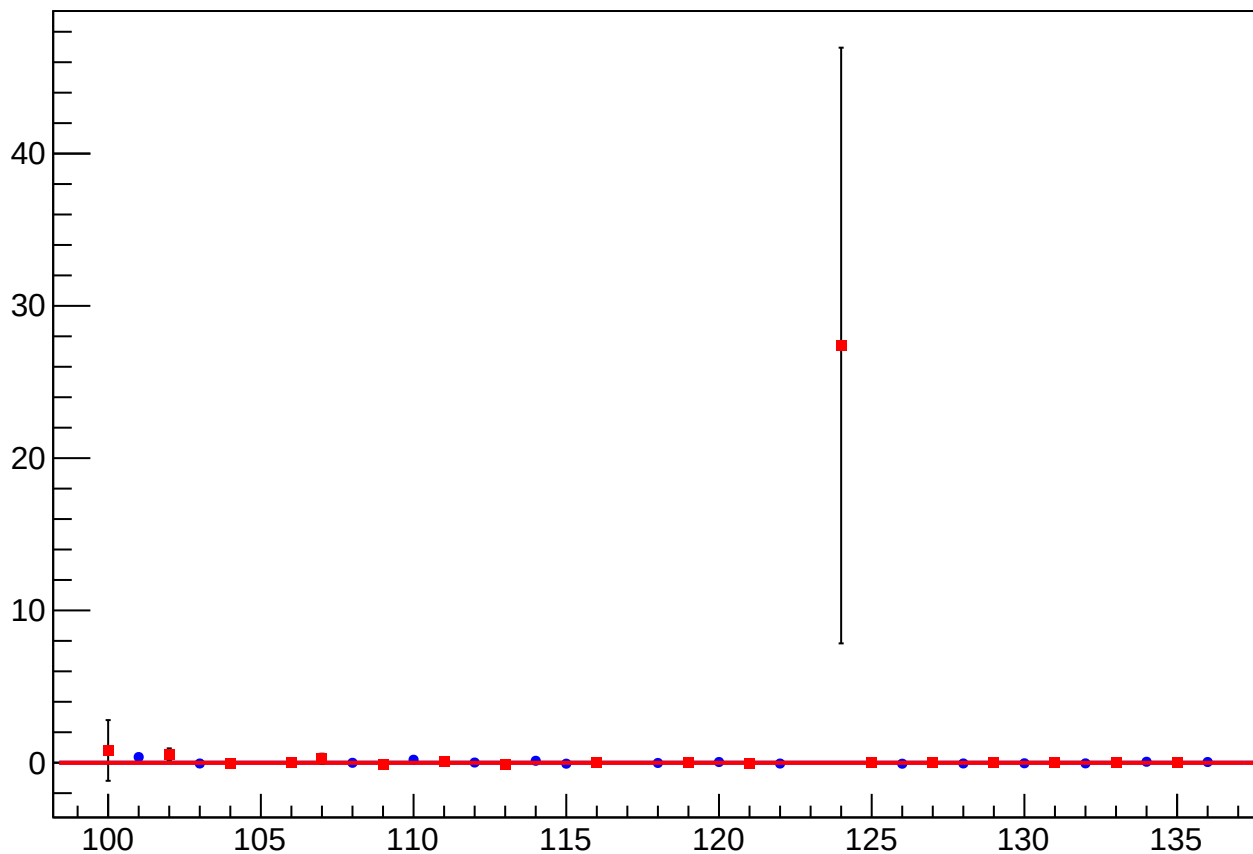
Right: 33.842+/-0.008 χ^2/NDF : 3755902.2/33

In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.842+/-0.008 χ^2/NDF : 3755902.2/33

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: -0.006 $\pm$ 0.015 χ^2 /NDF: 12.2/17

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

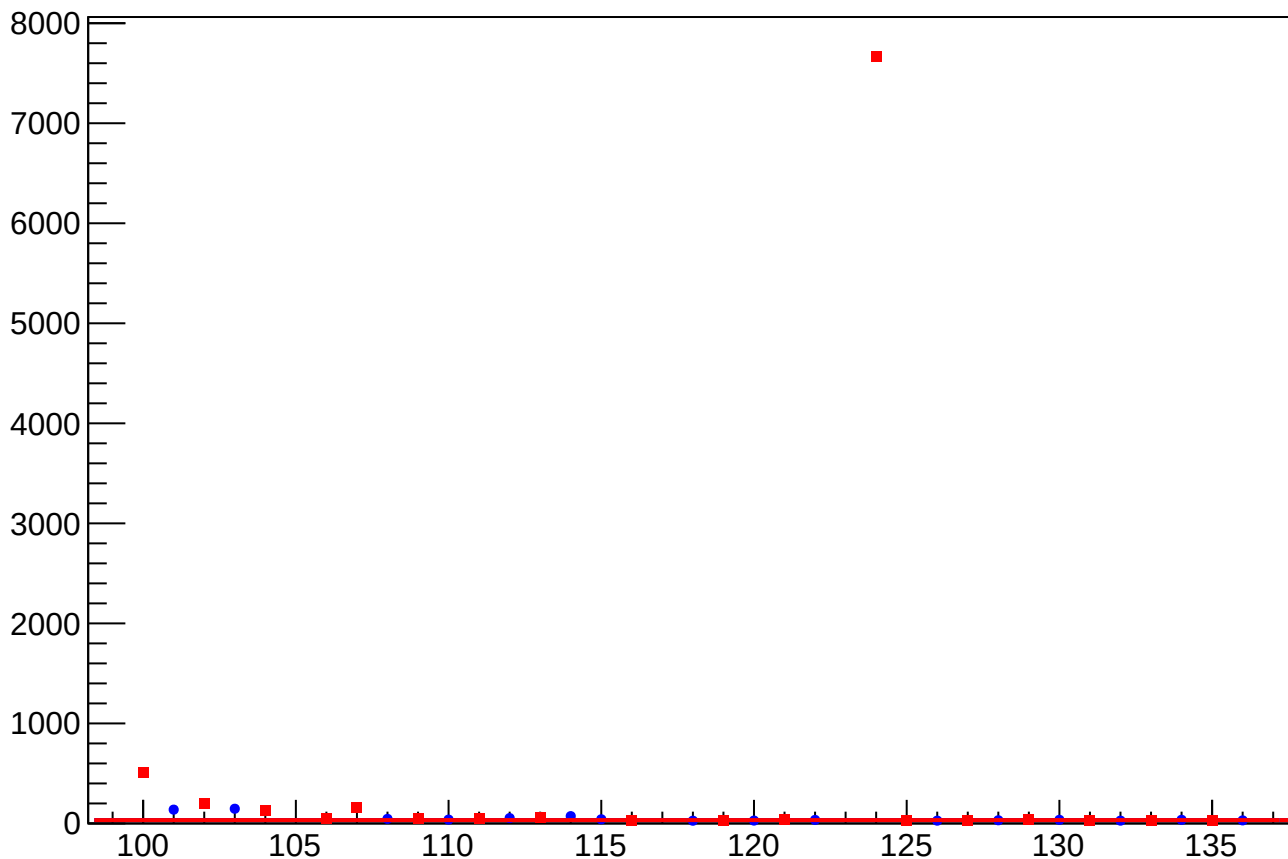
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: 33.611+/-0.011 χ^2/NDF : 2037766.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

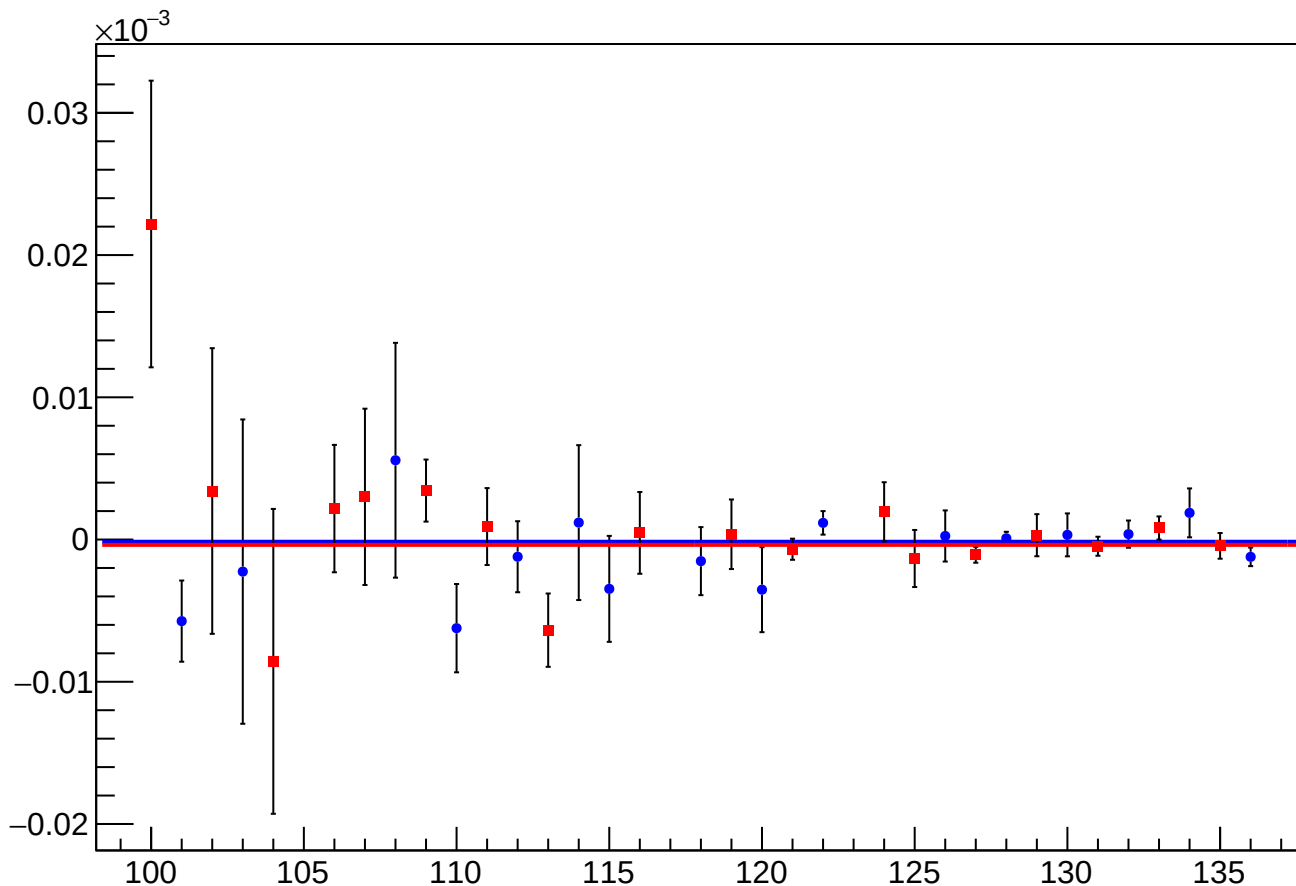
Right: 33.842+/-0.008 χ^2/NDF : 3755902.2/33

In: 34.055+/-0.010 χ^2/NDF : 1717266.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.842+/-0.008 χ^2/NDF : 3755902.2/33

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 : 20.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

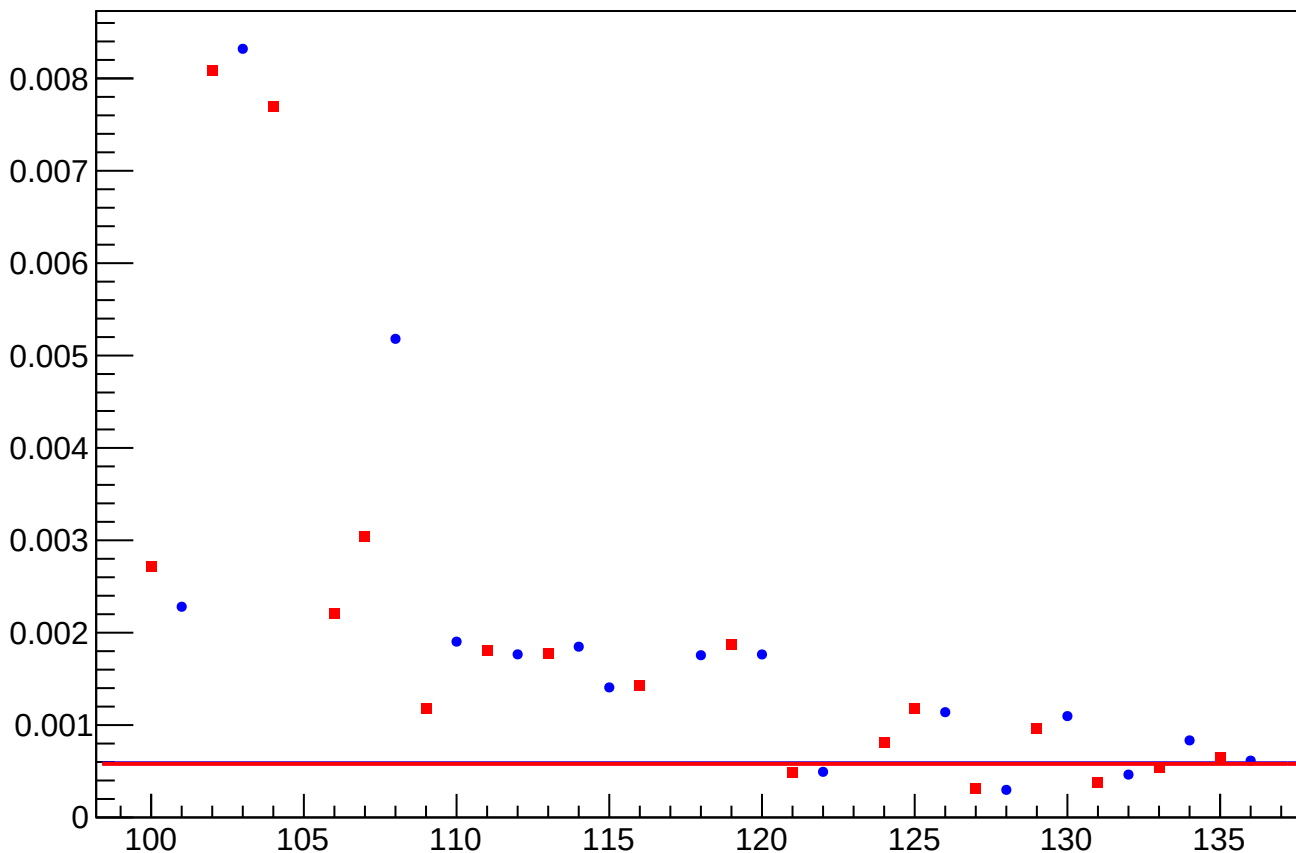
Right: -0.000+/-0.000 χ^2/NDF : 39.3/33

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 : 39.3/33

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 : 5427546.7/17

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 10913942.3/33

In: 0.001+/-0.000

χ^2/NDF :5485949.6/15

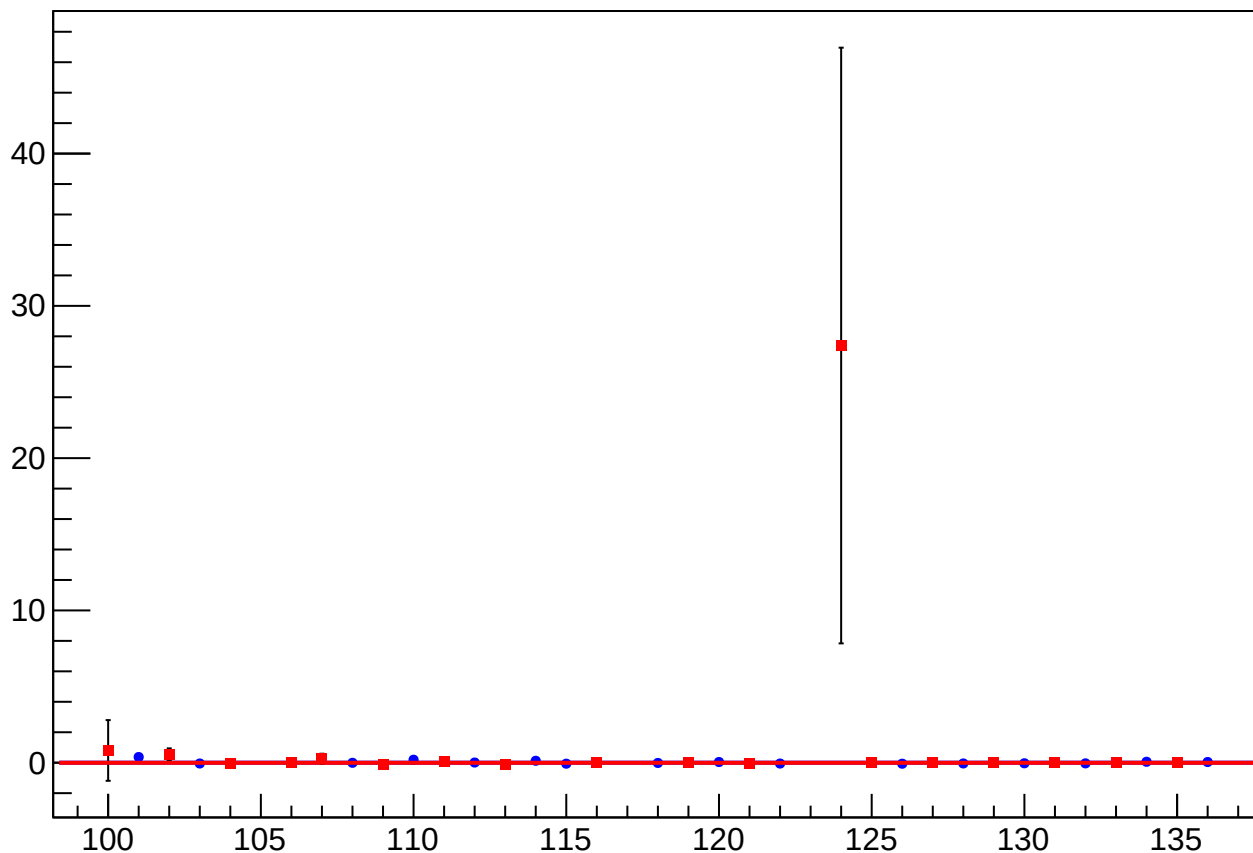
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.001+/-0.000

χ^2/NDF : 10913942.3/33

asym_at1_dd_eigen_dit_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: -0.006 $\pm$ 0.015 χ^2 /NDF: 12.2/17

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

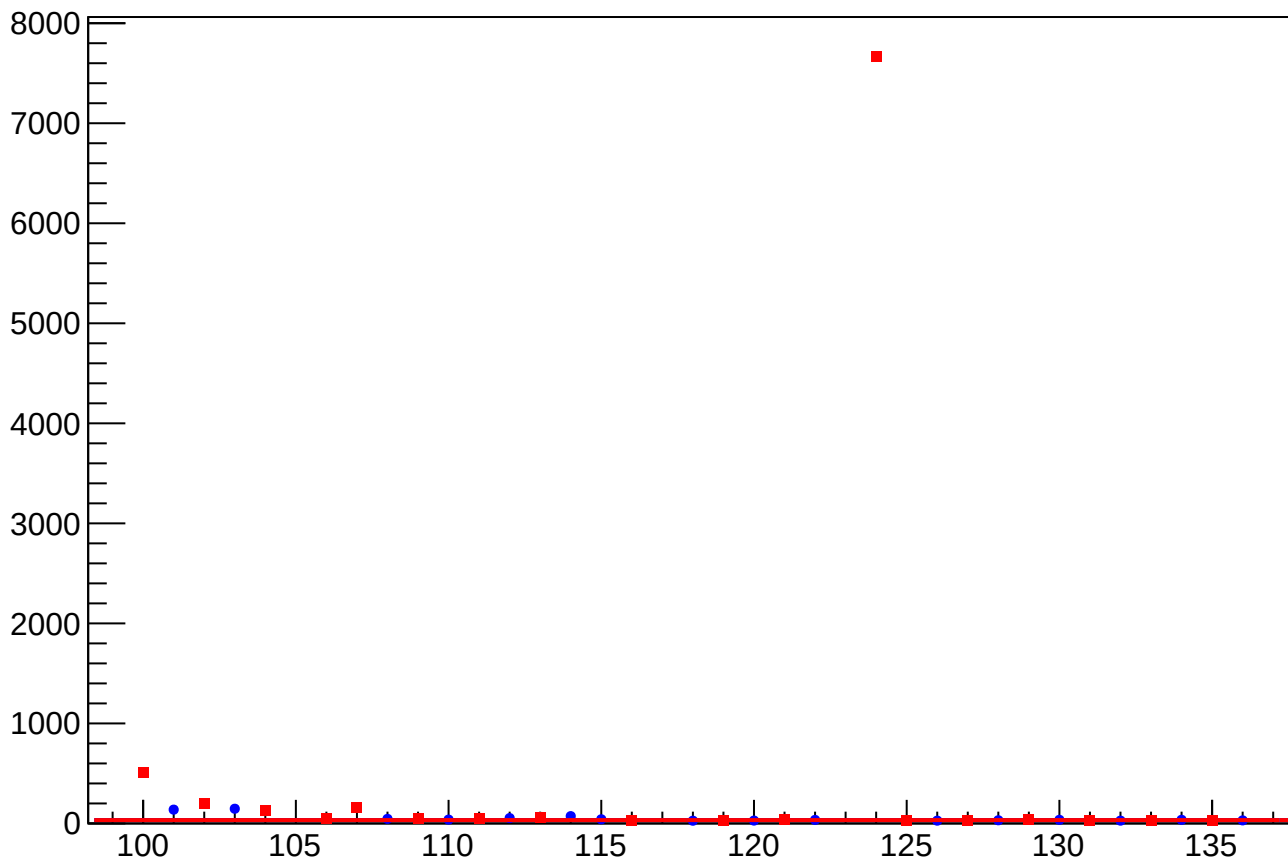
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: 33.611+/-0.011 χ^2/NDF : 2037751.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

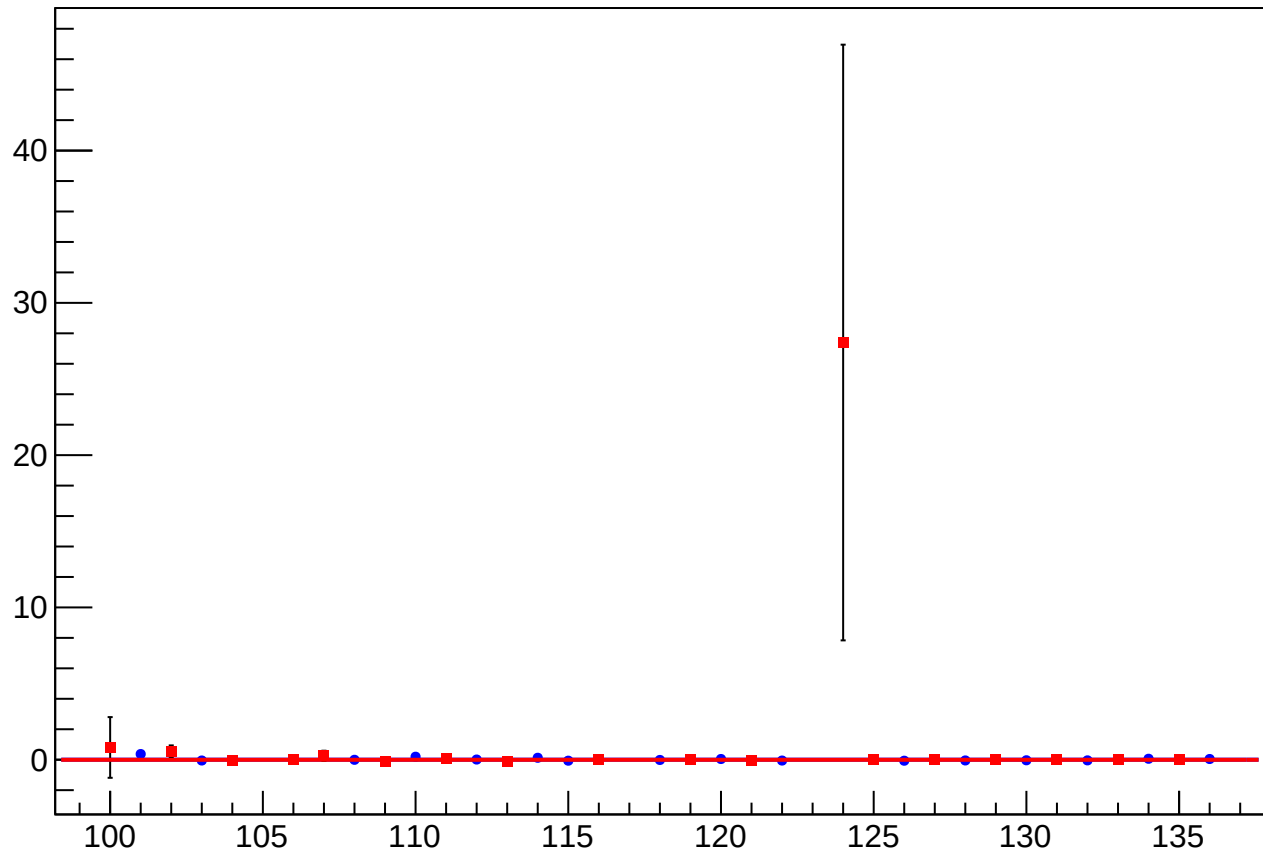
Right: 33.842+/-0.008 χ^2/NDF : 3755877.0/33

In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.842+/-0.008 χ^2/NDF : 3755877.0/33

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: -0.006 $\pm$ 0.015 χ^2 /NDF: 12.2/17

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

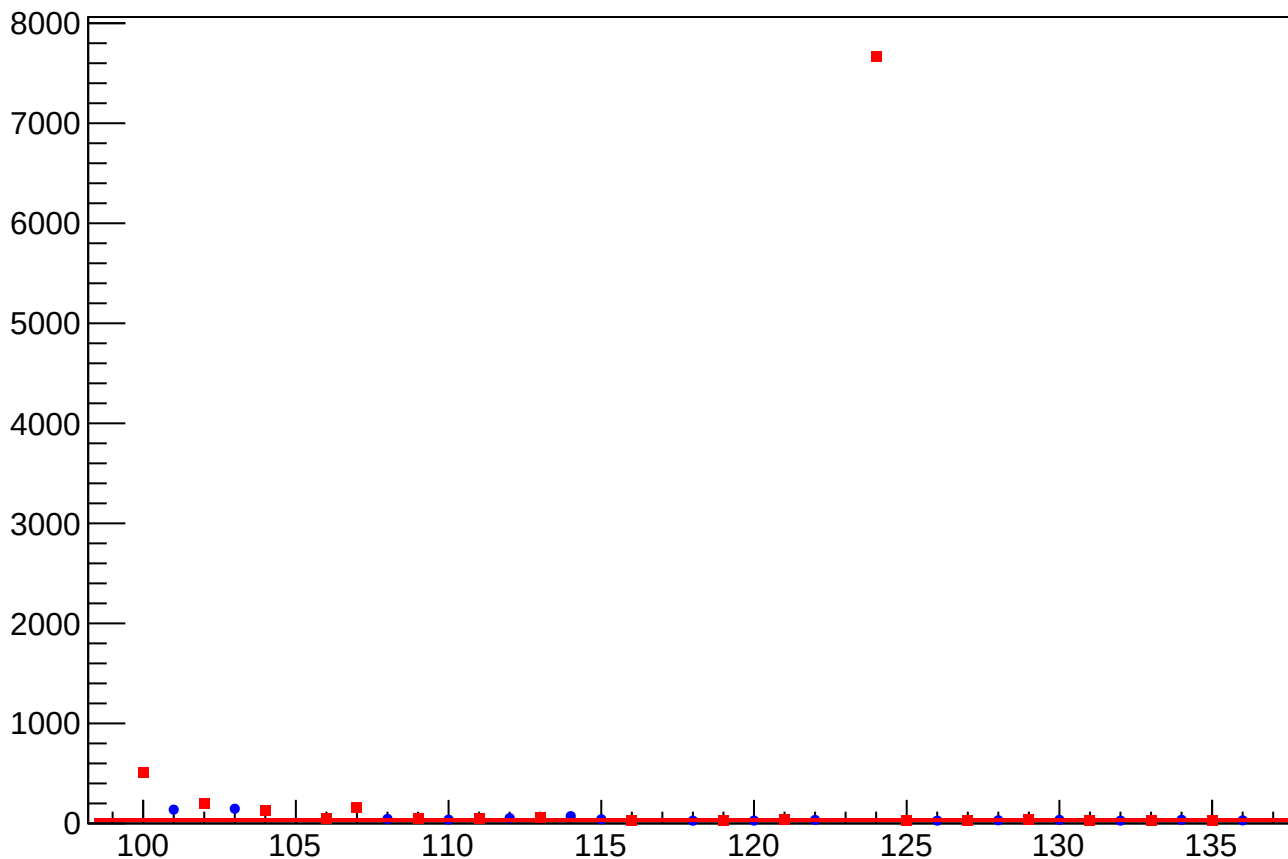
Right: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: -0.002 $\pm$ 0.011 χ^2 /NDF: 33.4/33

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: 33.611+/-0.011 χ^2/NDF : 2037751.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

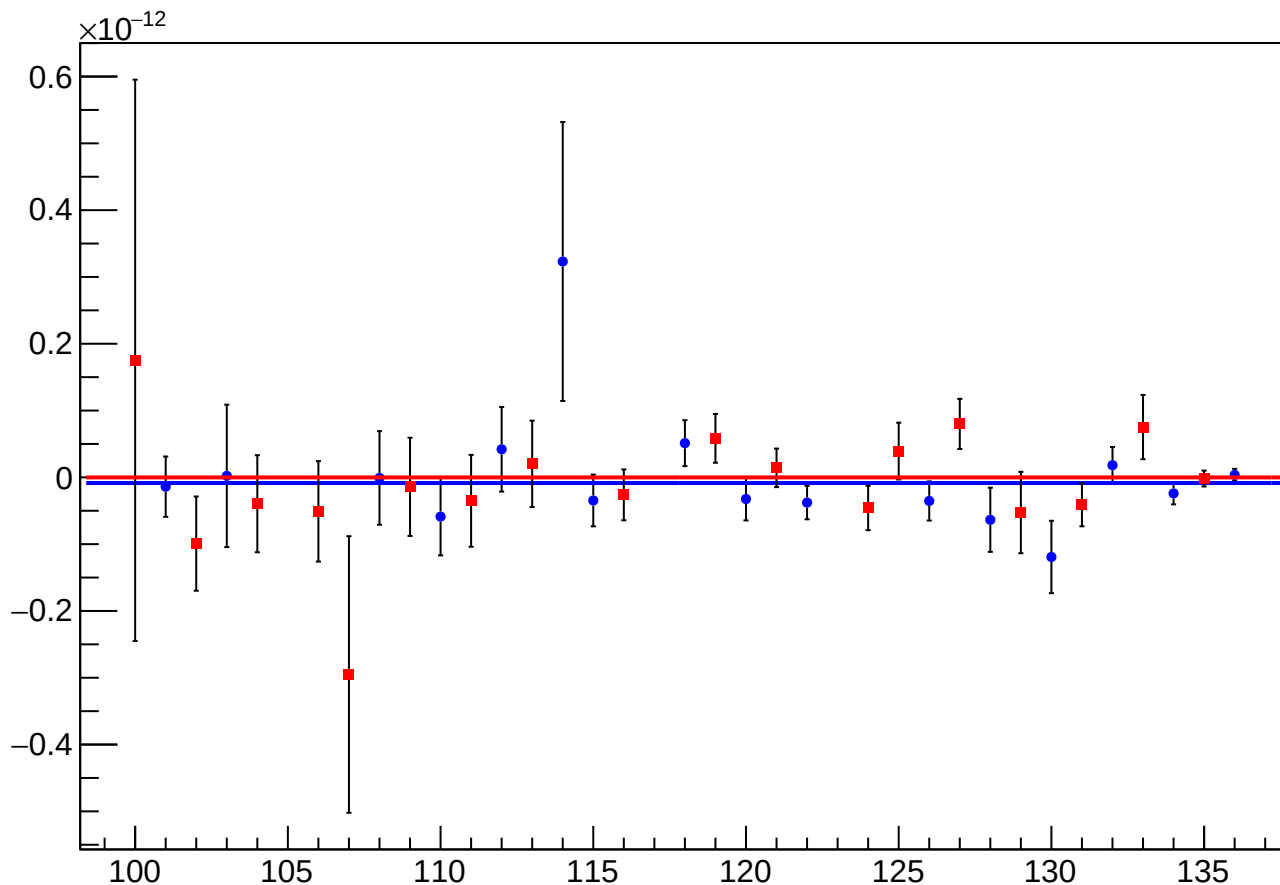
Right: 33.842+/-0.008 χ^2/NDF : 3755877.0/33

In: 34.055+/-0.010 χ^2/NDF : 1717254.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.842+/-0.008 χ^2/NDF : 3755877.0/33

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 : 20.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

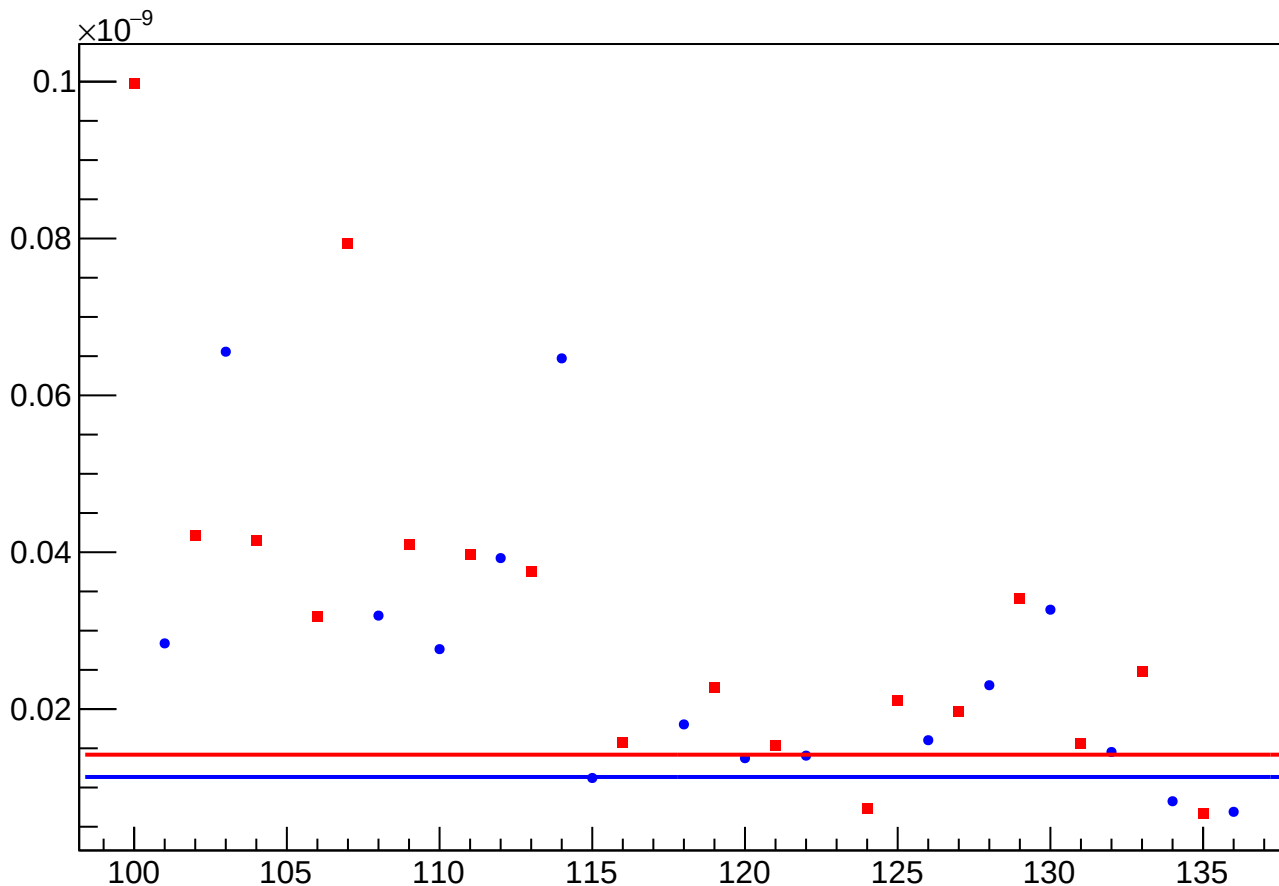
Right: -0.000+/-0.000 χ^2/NDF : 40.7/33

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 : 40.7/33

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 : 3207536.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

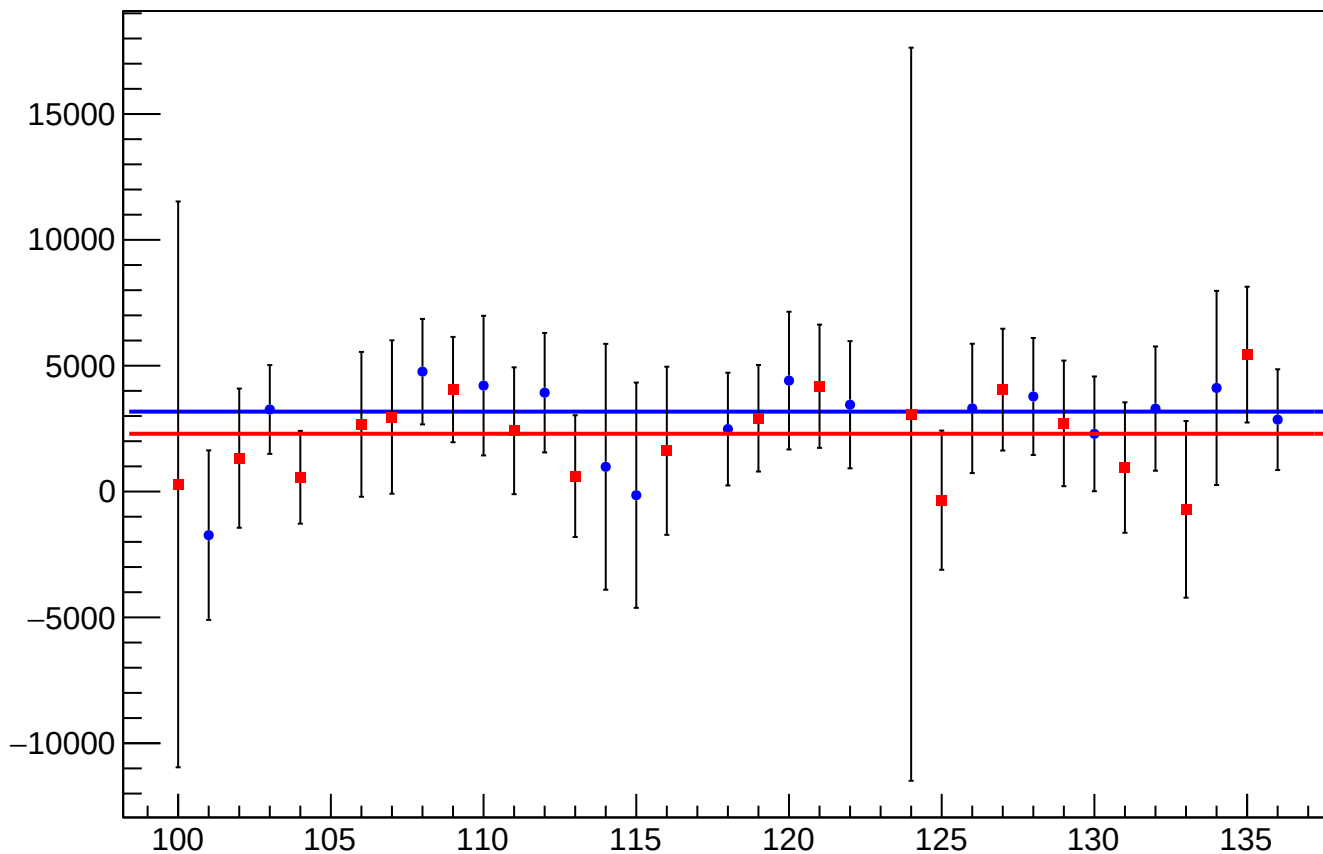
Right: 0.000+/-0.000 χ^2/NDF : 6170248.0/33

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 : 6170248.0/33

reg_asym_at2_avg_mean vs Slug, Sign Corrected



Right In: 3175.599+/-627.992 χ^2/NDF : 4.3/15

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

Right Out: 2296.369+/-628.378 χ^2/NDF : 6.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

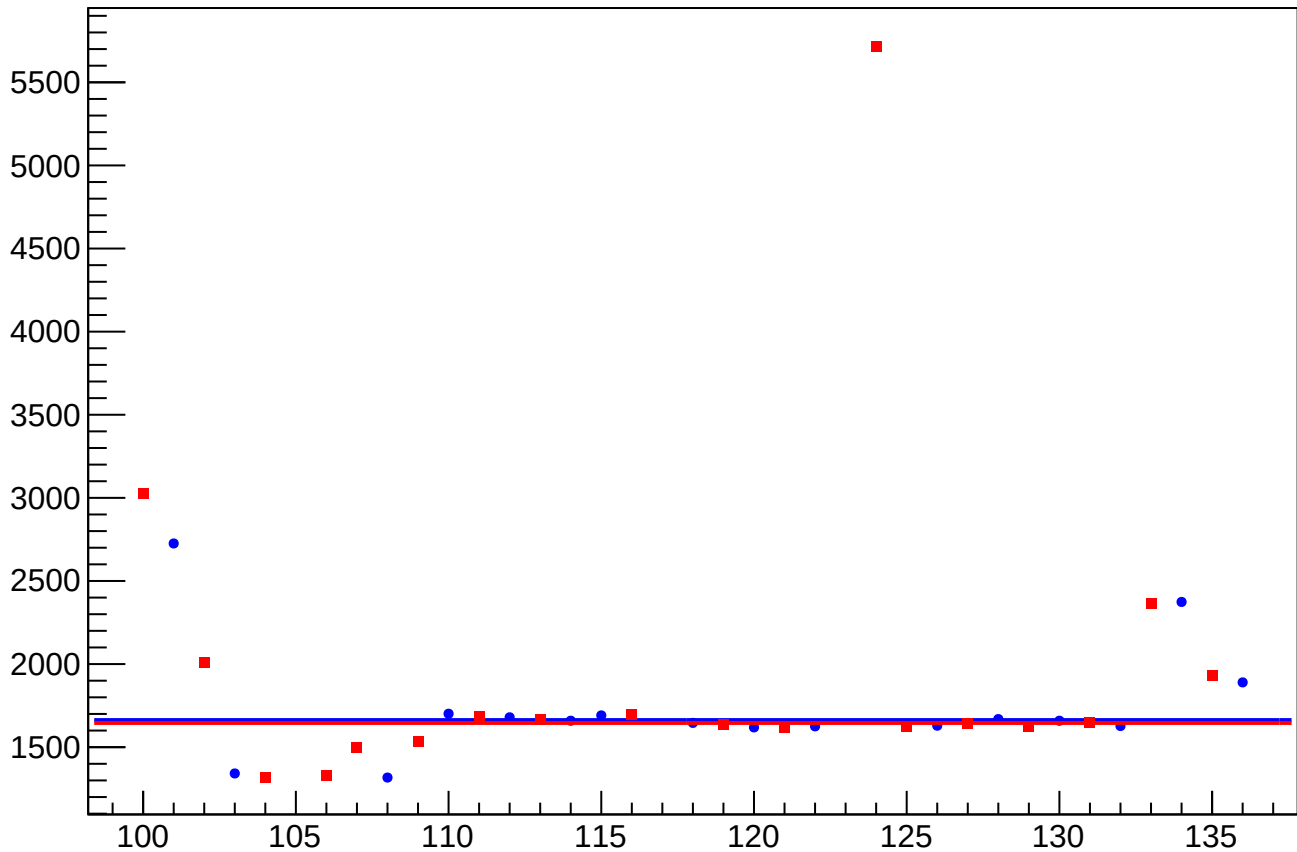
Right: 2736.254+/-444.194 χ^2/NDF : 12.1/33

In: 3175.599+/-627.992 χ^2/NDF : 4.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2736.254+/-444.194 χ^2/NDF : 12.1/33

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: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

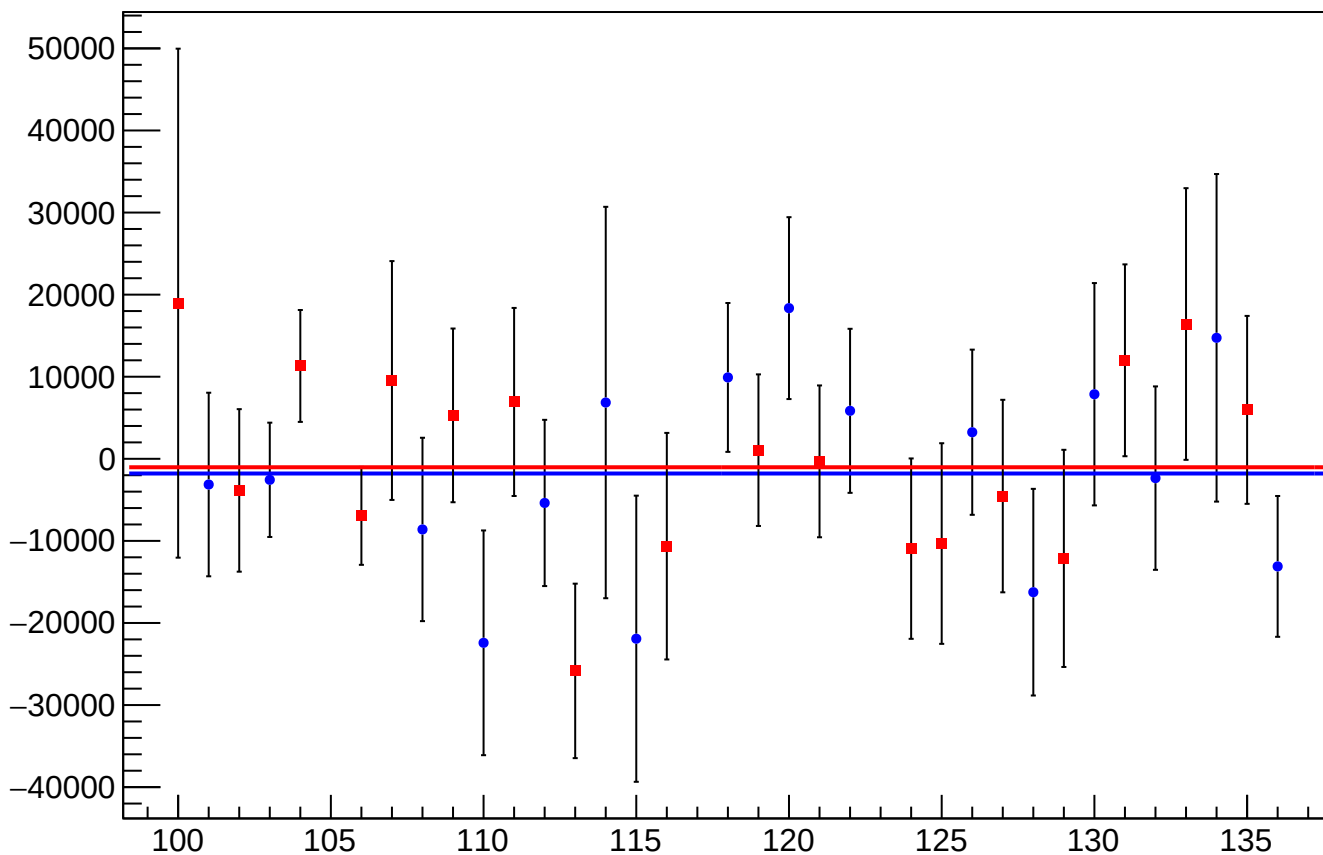
Right: 1654.397+/-0.314 χ^2/NDF : 841447.8/33

In: 1662.901+/-0.444 χ^2/NDF : 415630.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.397+/-0.314 χ^2/NDF : 841447.8/33

asym_at2_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1791.030 $\pm$ 2743.617 χ^2 /NDF: 14.3/15

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

Right Out: -1029.336 $\pm$ 2452.645 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

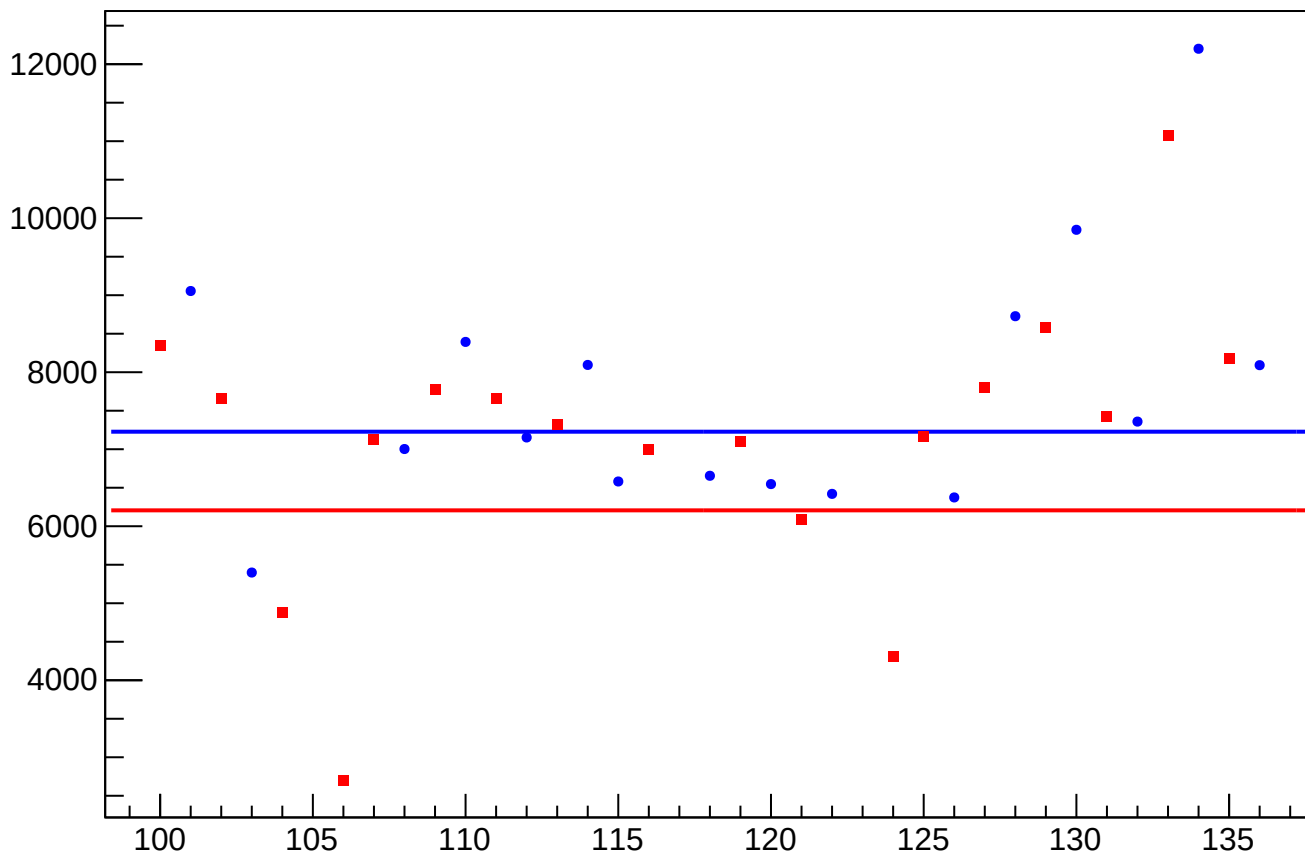
Right: -1367.664 $\pm$ 1828.531 χ^2 /NDF: 31.4/33

In: -1791.030 $\pm$ 2743.617 χ^2 /NDF:14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1367.664 $\pm$ 1828.531 χ^2 /NDF: 31.4/33

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: 6206.287+/-1.734 χ^2/NDF : 1377774.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

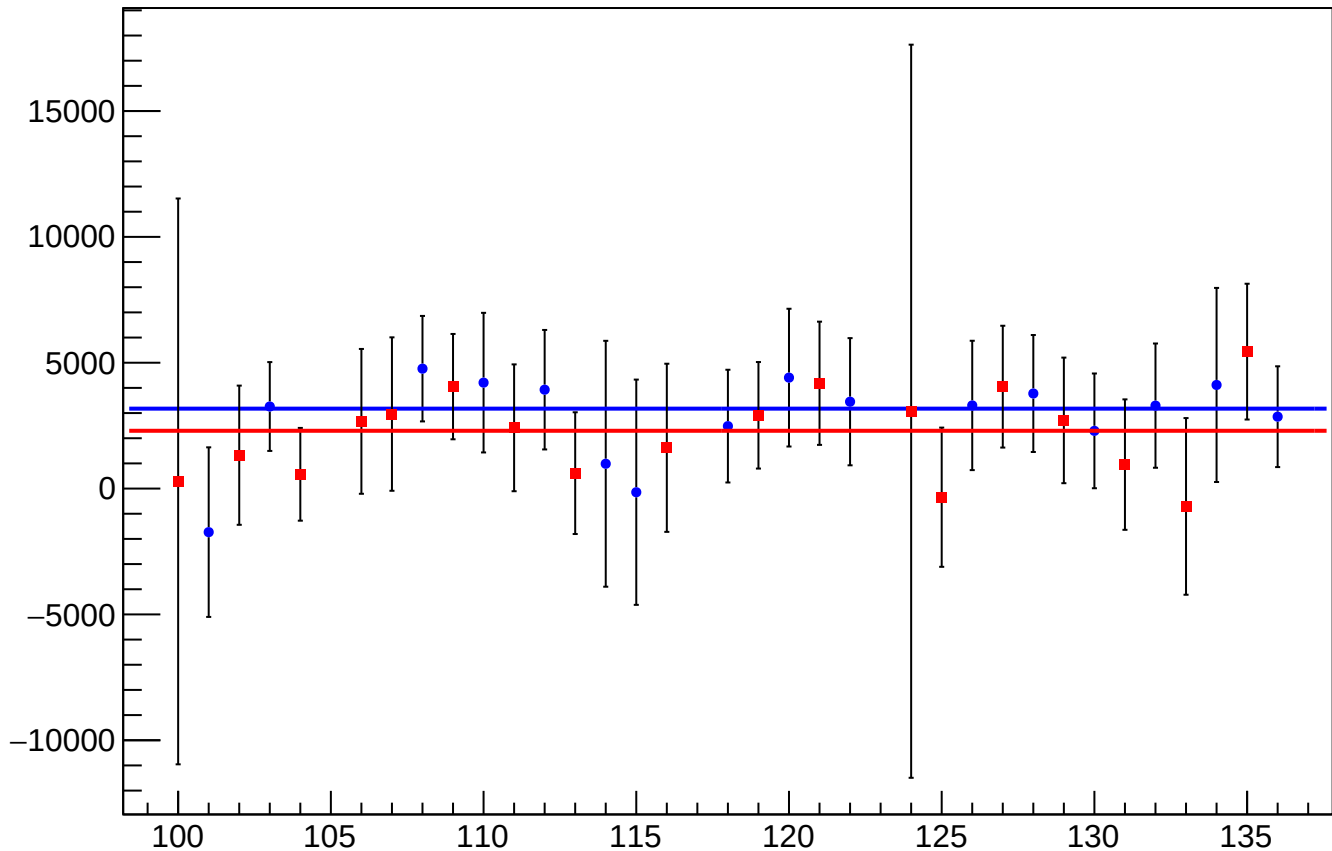
Right: 6659.928+/-1.293 χ^2/NDF : 2035073.0/33

In: 7227.590+/-1.940 χ^2/NDF :503260.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6659.928+/-1.293 χ^2/NDF : 2035073.0/33

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: 2296.145+/-628.378 χ^2/NDF : 6.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

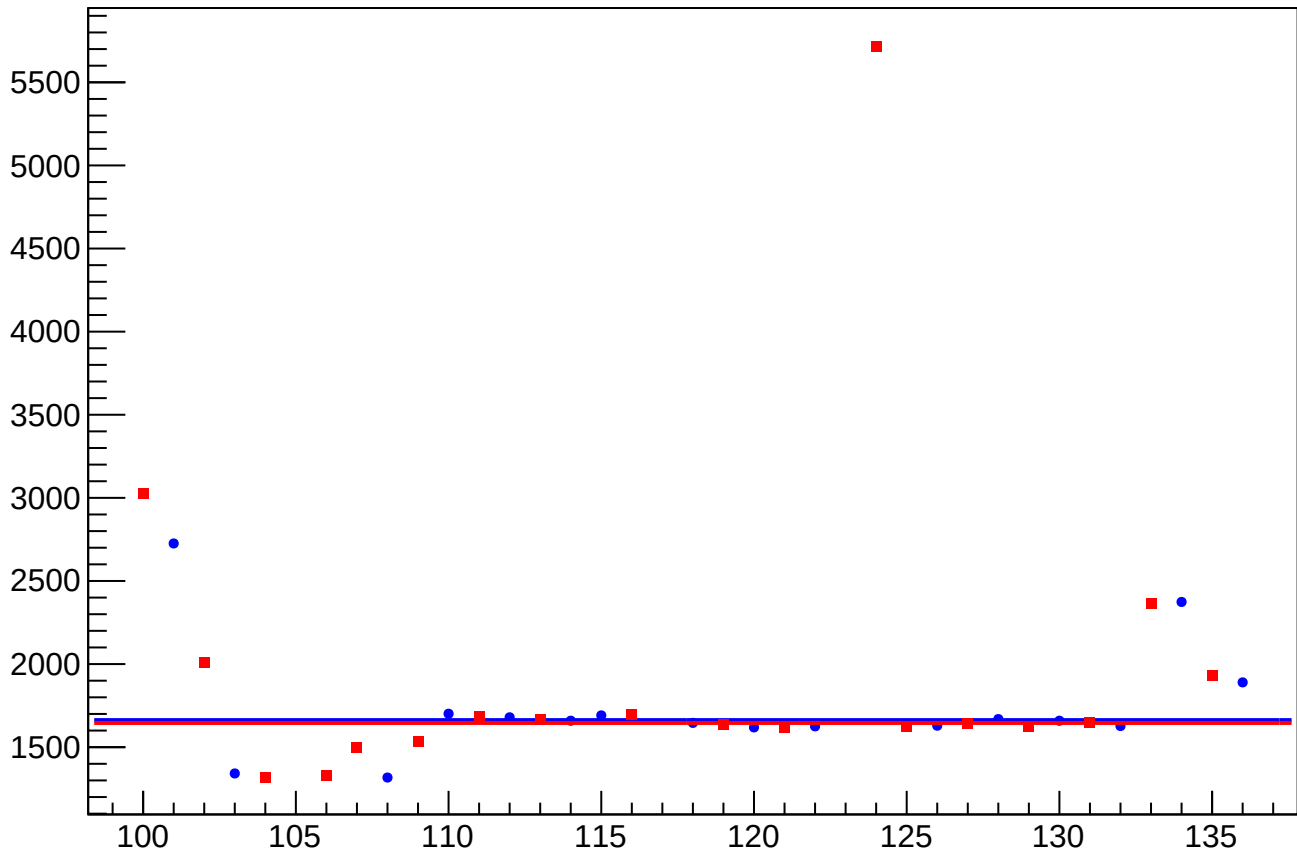
Right: 2736.187+/-444.194 χ^2/NDF : 12.1/33

In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2736.187+/-444.194 χ^2/NDF : 12.1/33

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: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

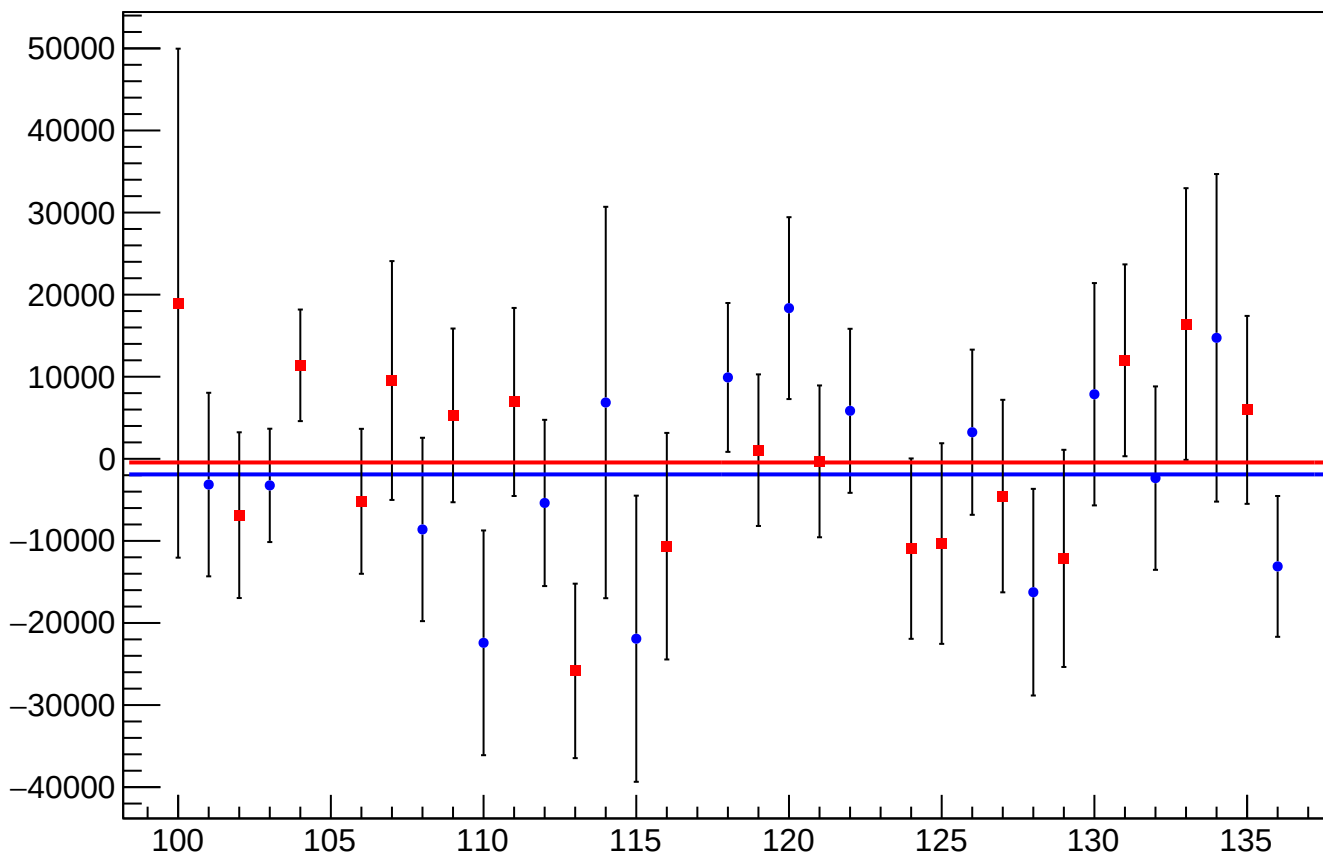
Right: 1654.397+/-0.314 χ^2/NDF : 841448.1/33

In: 1662.901+/-0.444 χ^2/NDF : 415631.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1654.397+/-0.314 χ^2/NDF : 841448.1/33

asym_at2_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1900.125 $\pm$ 2739.954 χ^2 /NDF: 14.4/15

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

Right Out: -445.782 $\pm$ 2576.071 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

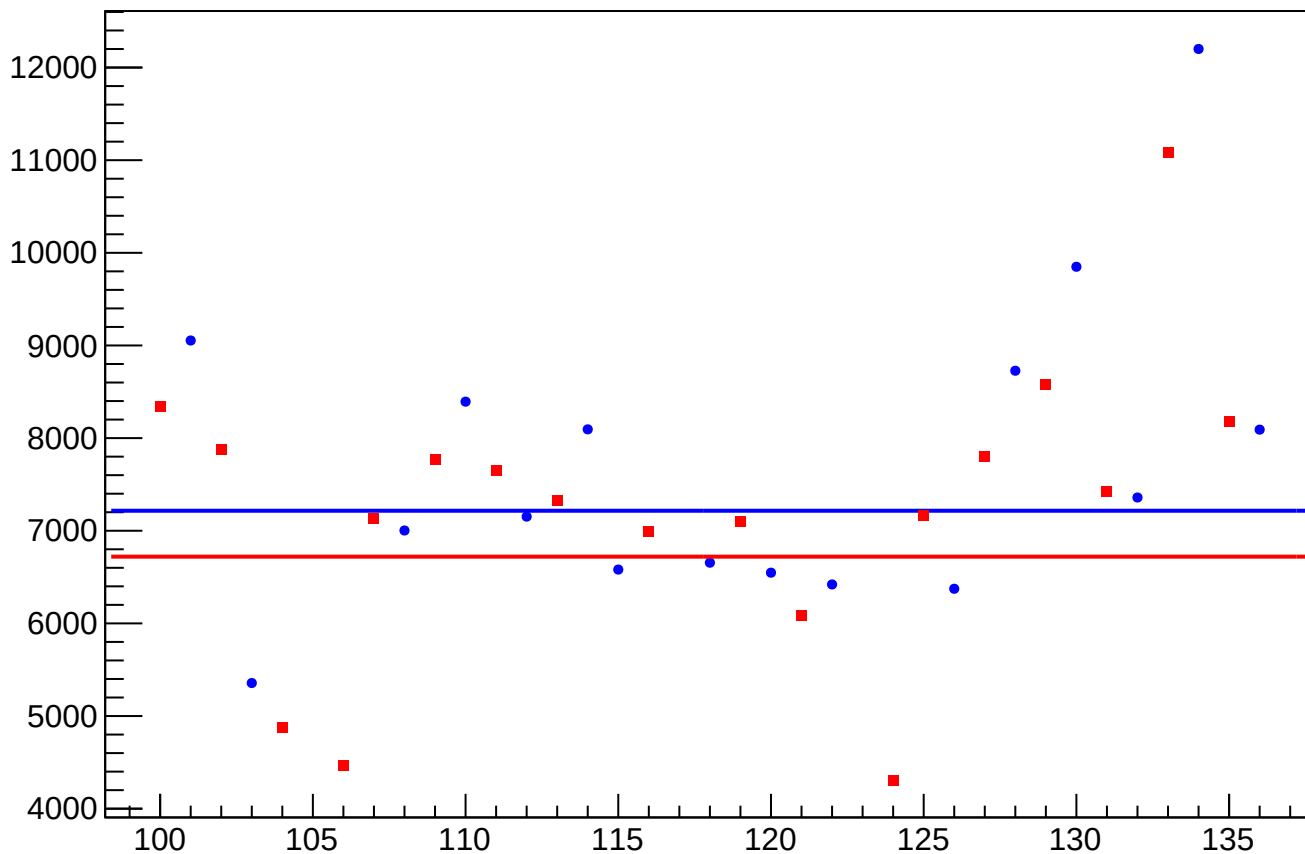
Right: -1128.161 $\pm$ 1876.821 χ^2 /NDF: 31.0/33

In: -1900.125 $\pm$ 2739.954 χ^2 /NDF: 14.4/15

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

All: -1128.161 $\pm$ 1876.821 χ^2 /NDF: 31.0/33

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: 6720.377+/-1.822 χ^2/NDF : 697615.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

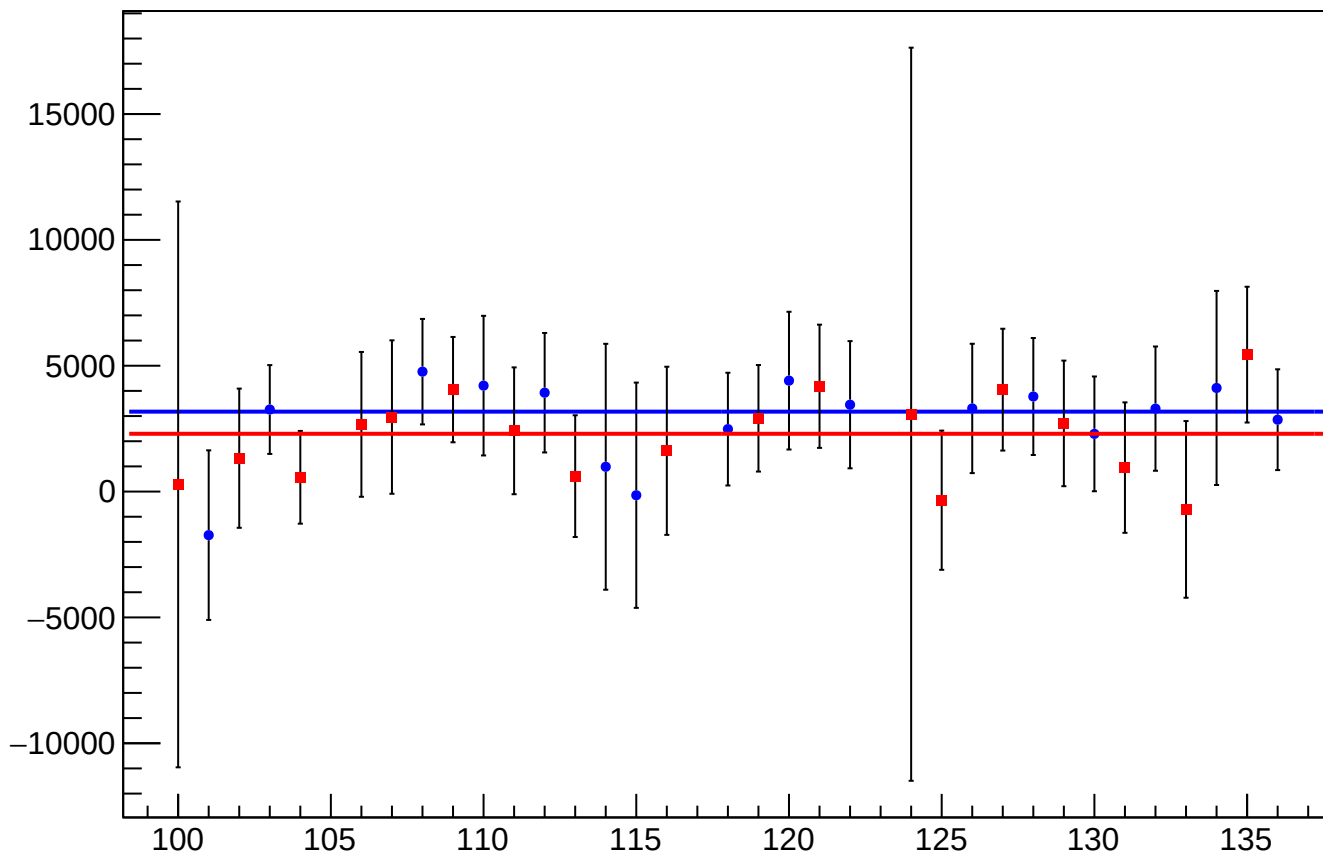
Right: 6952.938+/-1.327 χ^2/NDF : 1244481.9/33

In: 7216.029+/-1.937 χ^2/NDF : 512126.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6952.938+/-1.327 χ^2/NDF : 1244481.9/33

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: 2296.145+/-628.378 χ^2/NDF : 6.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

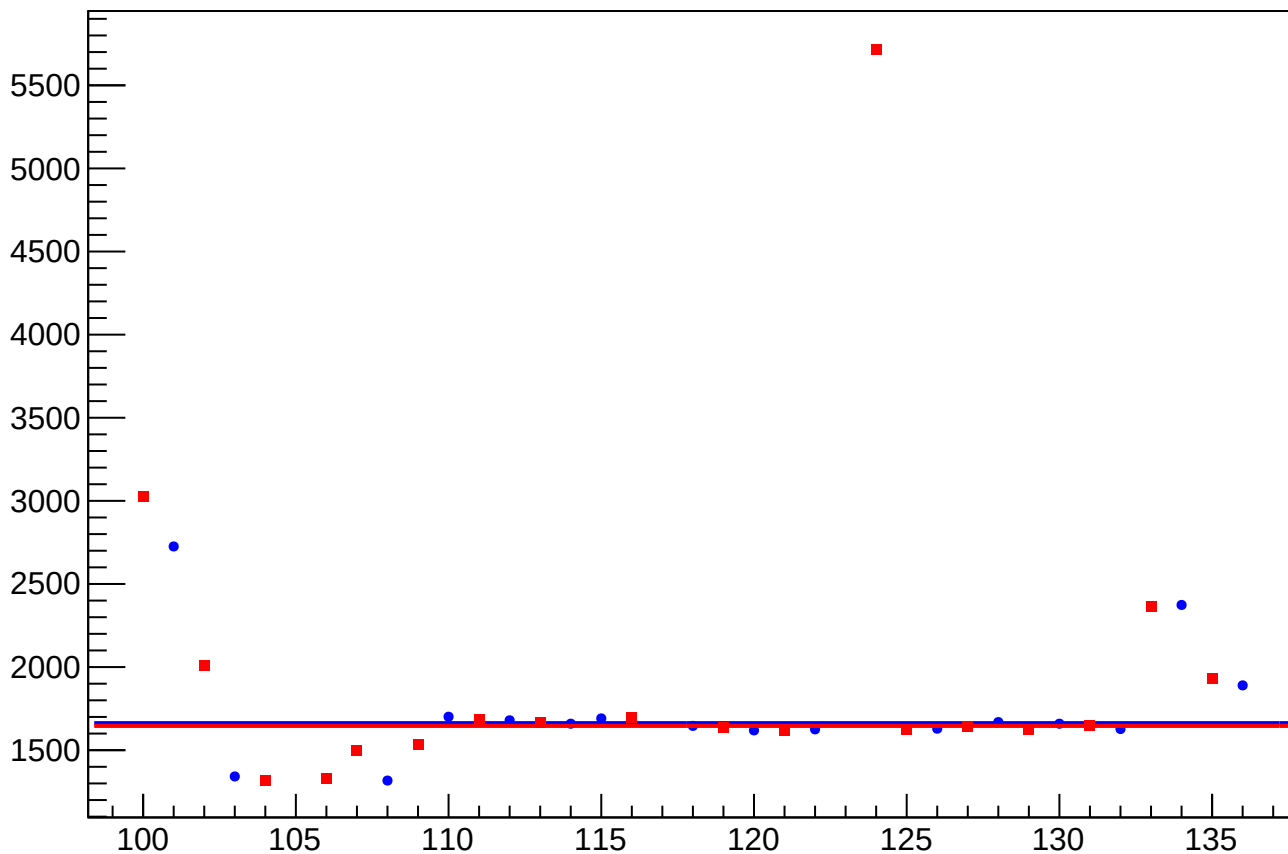
Right: 2736.187+/-444.194 χ^2/NDF : 12.1/33

In: 3175.689+/-627.992 χ^2/NDF : 4.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2736.187+/-444.194 χ^2/NDF : 12.1/33

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: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

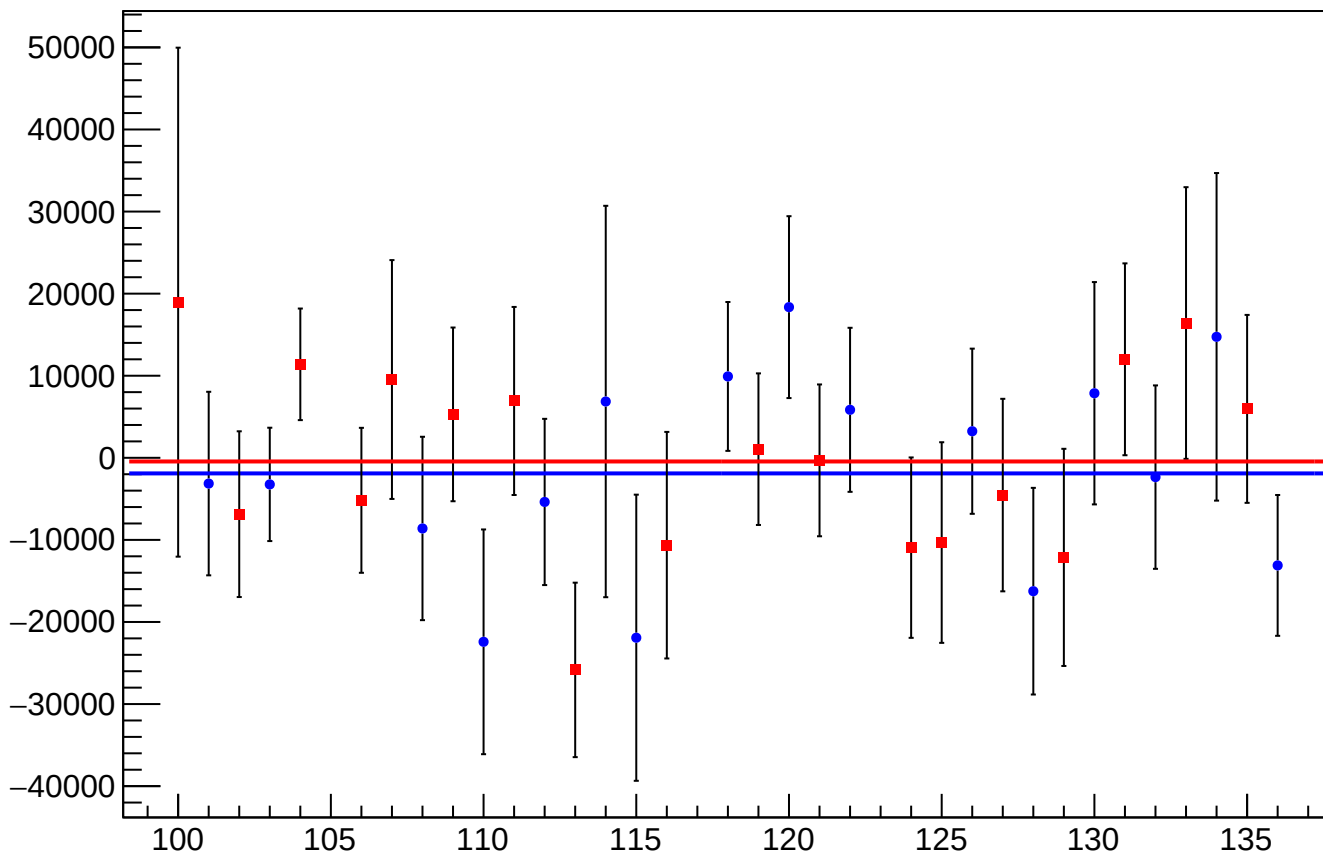
Right: 1654.397+/-0.314 χ^2/NDF : 841448.1/33

In: 1662.901+/-0.444 χ^2/NDF :415631.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1654.397+/-0.314 χ^2/NDF : 841448.1/33

asym_at2_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -1900.125 $\pm$ 2739.954 χ^2 /NDF: 14.4/15

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

Right Out: -445.782 $\pm$ 2576.071 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

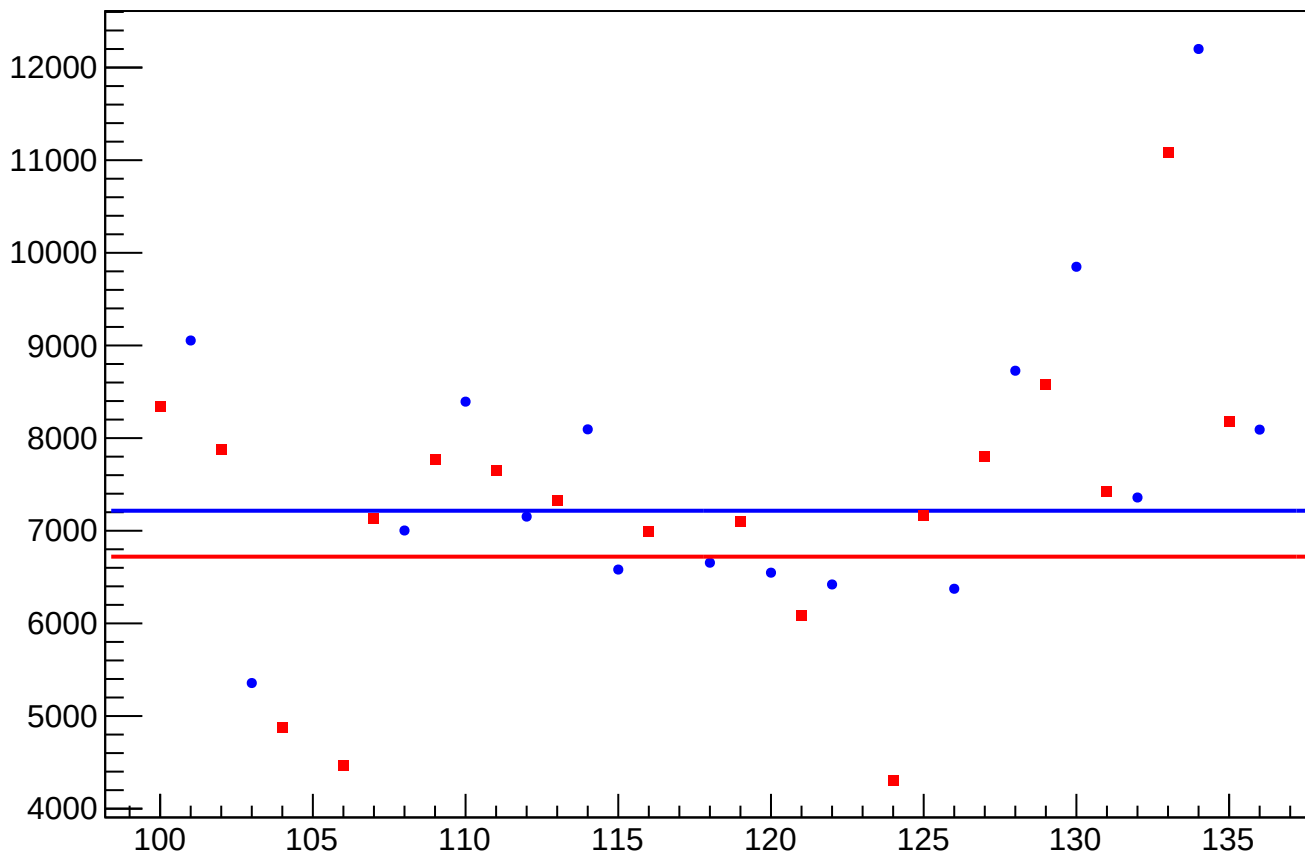
Right: -1128.161 $\pm$ 1876.821 χ^2 /NDF: 31.0/33

In: -1900.125 $\pm$ 2739.954 χ^2 /NDF: 14.4/15

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

All: -1128.161 $\pm$ 1876.821 χ^2 /NDF: 31.0/33

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: 6720.377+/-1.822 χ^2/NDF : 697615.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

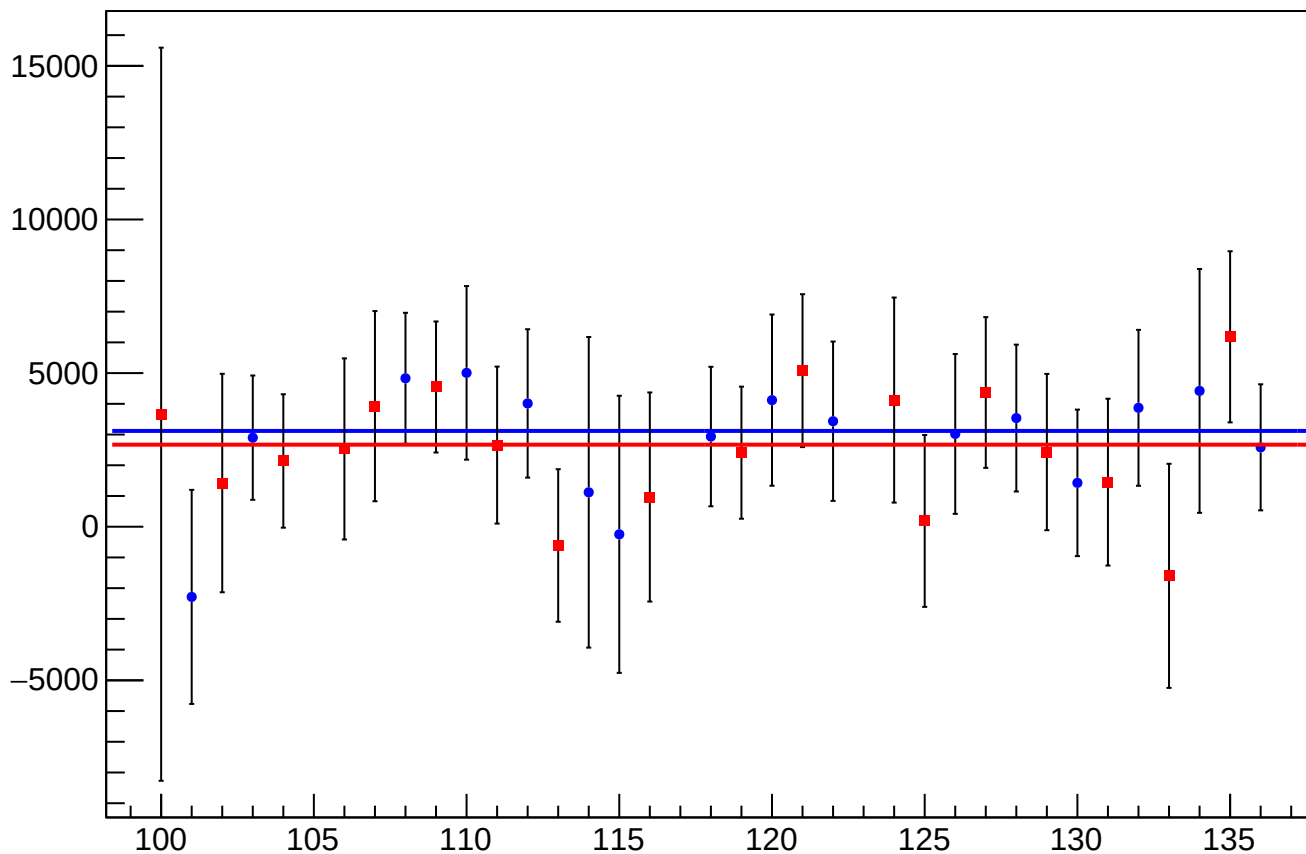
Right: 6952.938+/-1.327 χ^2/NDF : 1244481.9/33

In: 7216.029+/-1.937 χ^2/NDF : 512126.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6952.938+/-1.327 χ^2/NDF : 1244481.9/33

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: 2670.067+/-646.106 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

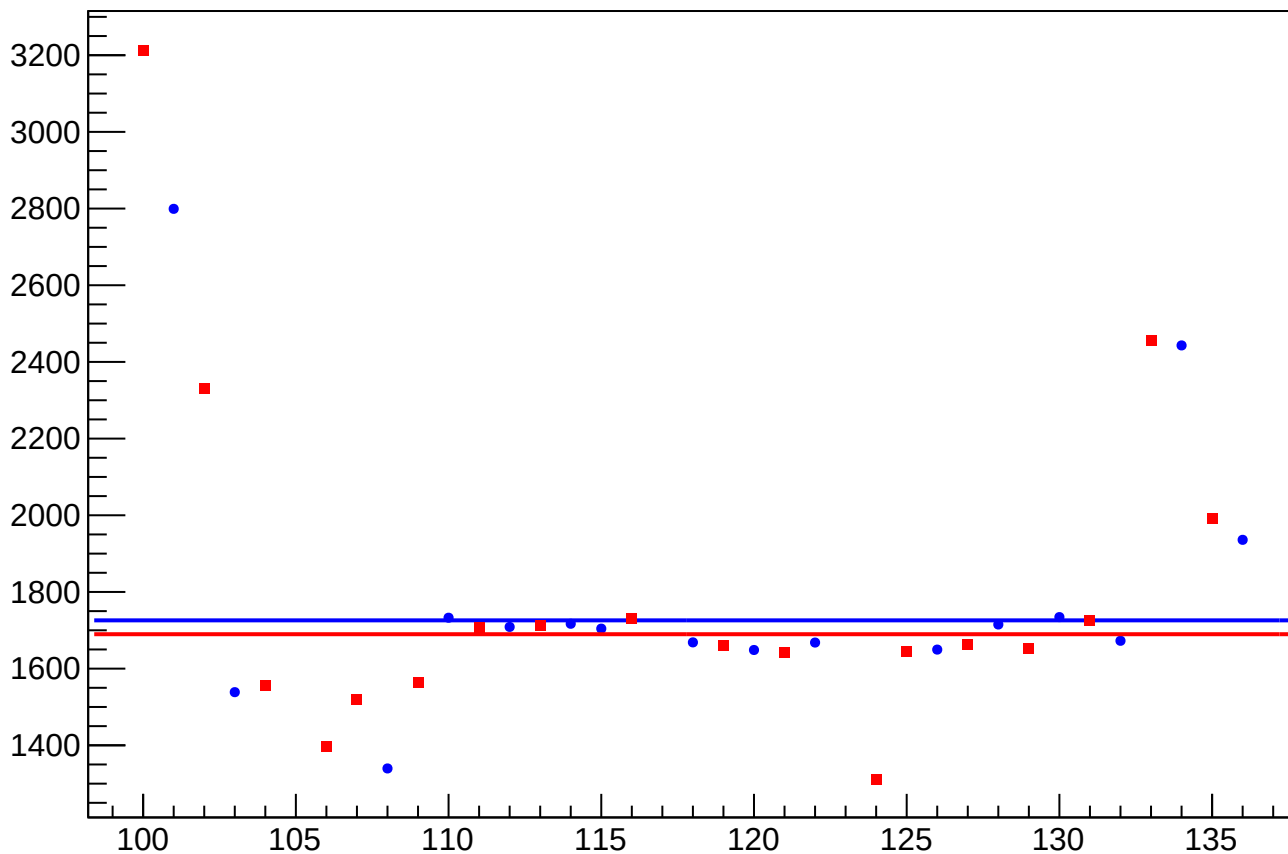
Right: 2892.242+/-458.628 χ^2/NDF : 14.3/33

In: 3117.878+/-651.119 χ^2/NDF : 5.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2892.242+/-458.628 χ^2/NDF : 14.3/33

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: 1689.776+/-0.457 χ^2/NDF : 278698.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

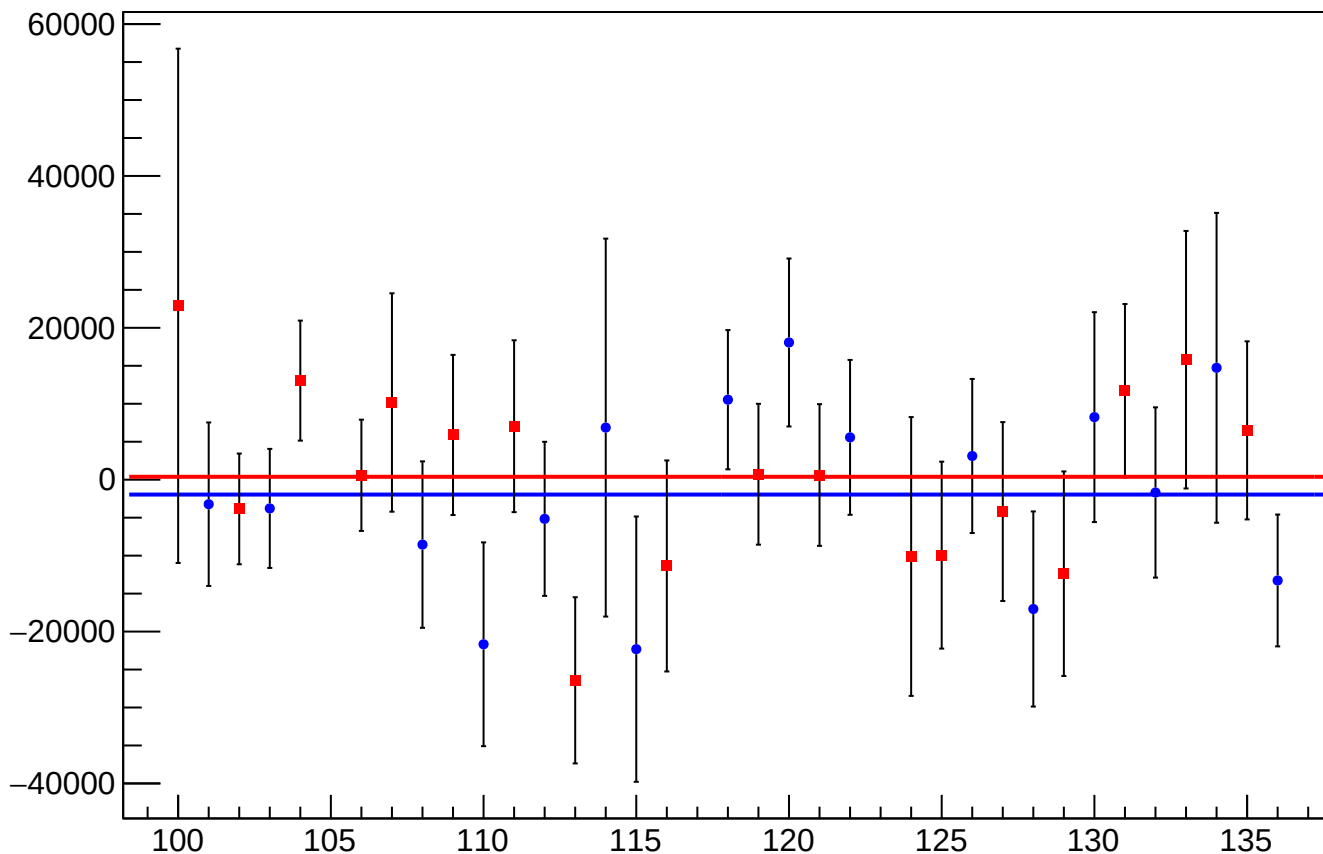
Right: 1707.697+/-0.324 χ^2/NDF : 647441.8/33

In: 1725.911+/-0.460 χ^2/NDF : 365638.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1707.697+/-0.324 χ^2/NDF : 647441.8/33

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: 381.641 ± 2553.881 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

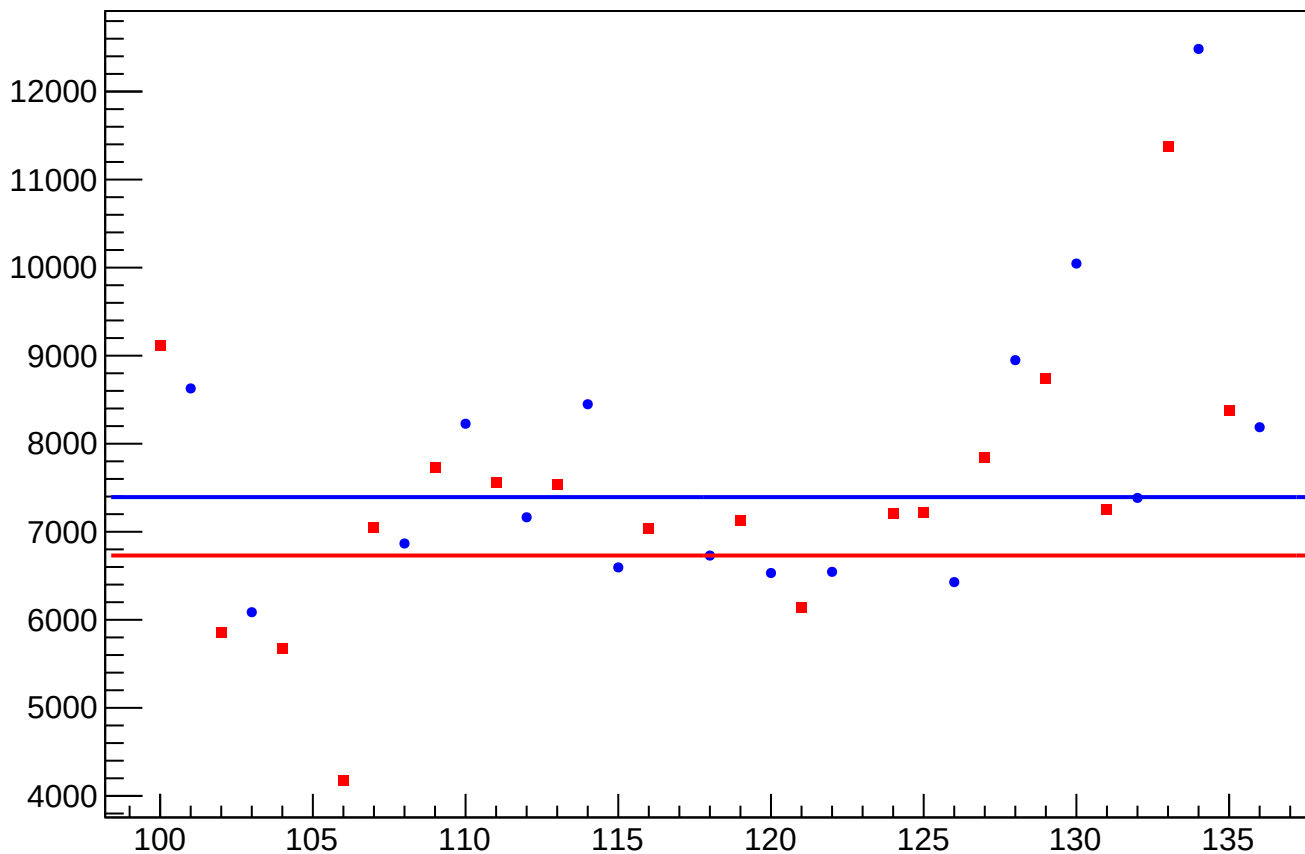
Right: -681.808 ± 1886.372 χ^2/NDF : 30.1/33

In: -1958.559 ± 2798.309 χ^2/NDF : 14.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -681.808 ± 1886.372 χ^2/NDF : 30.1/33

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: 6730.378+/-1.806 χ^2/NDF : 630657.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

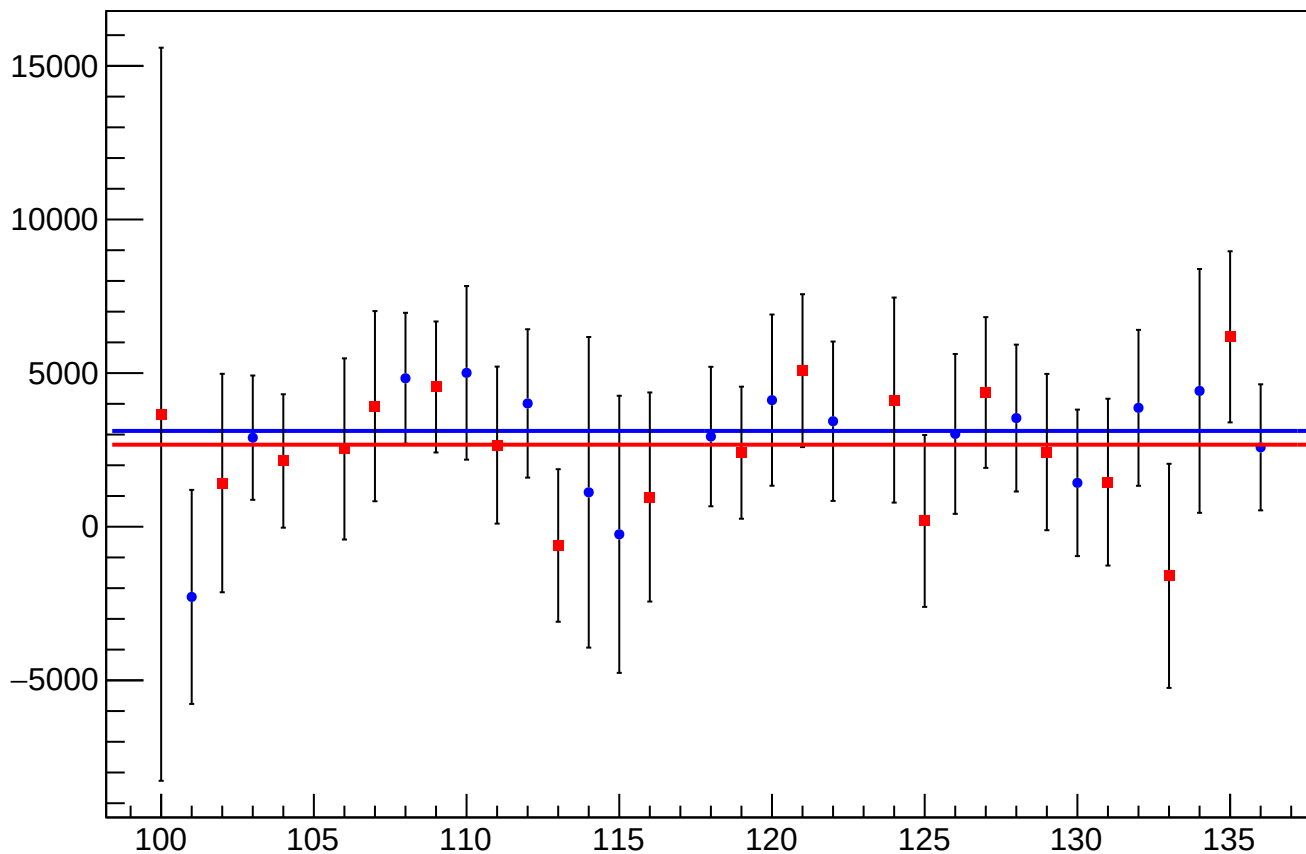
Right: 7031.774+/-1.334 χ^2/NDF : 1093781.6/33

In: 7393.622+/-1.979 χ^2/NDF : 401826.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7031.774+/-1.334 χ^2/NDF : 1093781.6/33

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: 2670.075 $\pm$ 646.106 χ^2 /NDF: 8.7/17

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

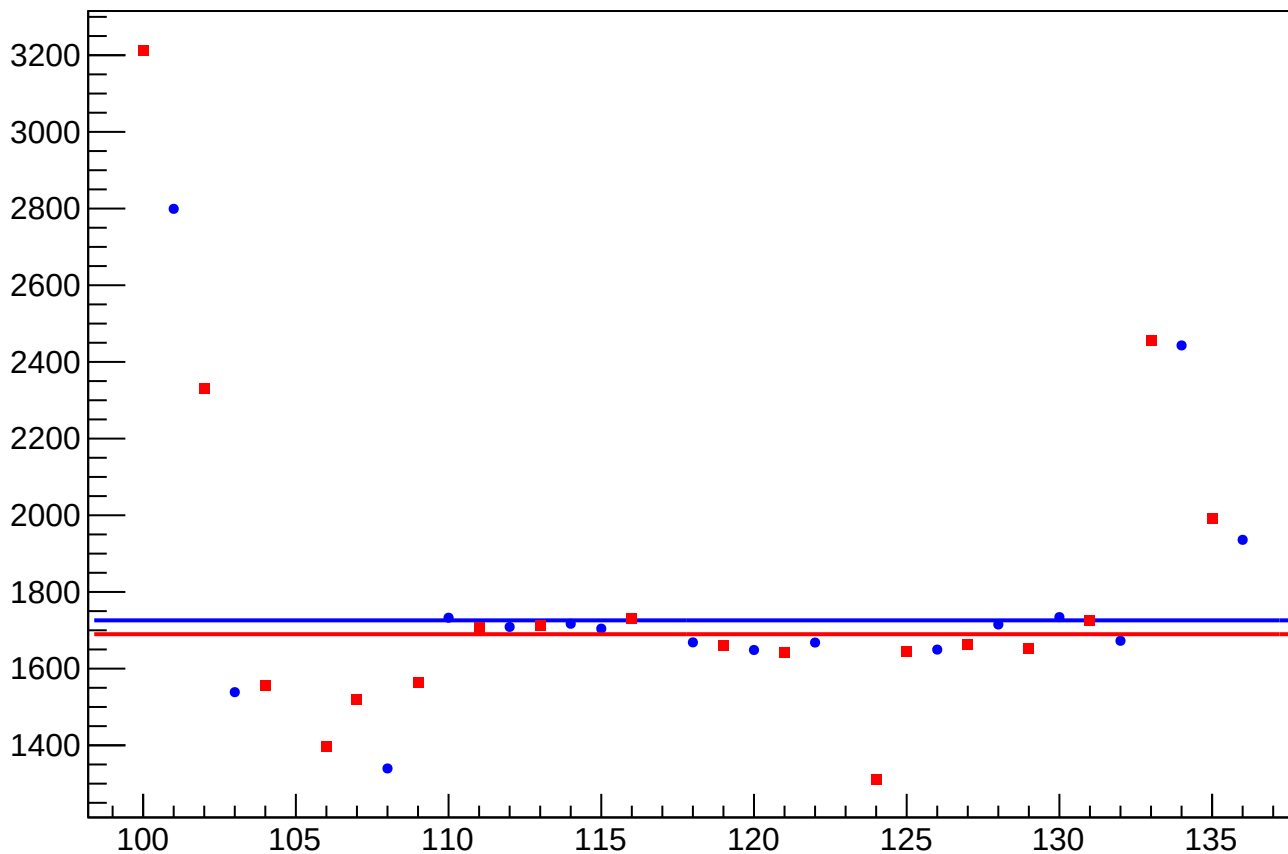
Right: 2892.248 $\pm$ 458.628 χ^2 /NDF: 14.3/33

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: 2892.248 $\pm$ 458.628 χ^2 /NDF: 14.3/33

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: 1689.776+/-0.457 χ^2/NDF : 278698.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

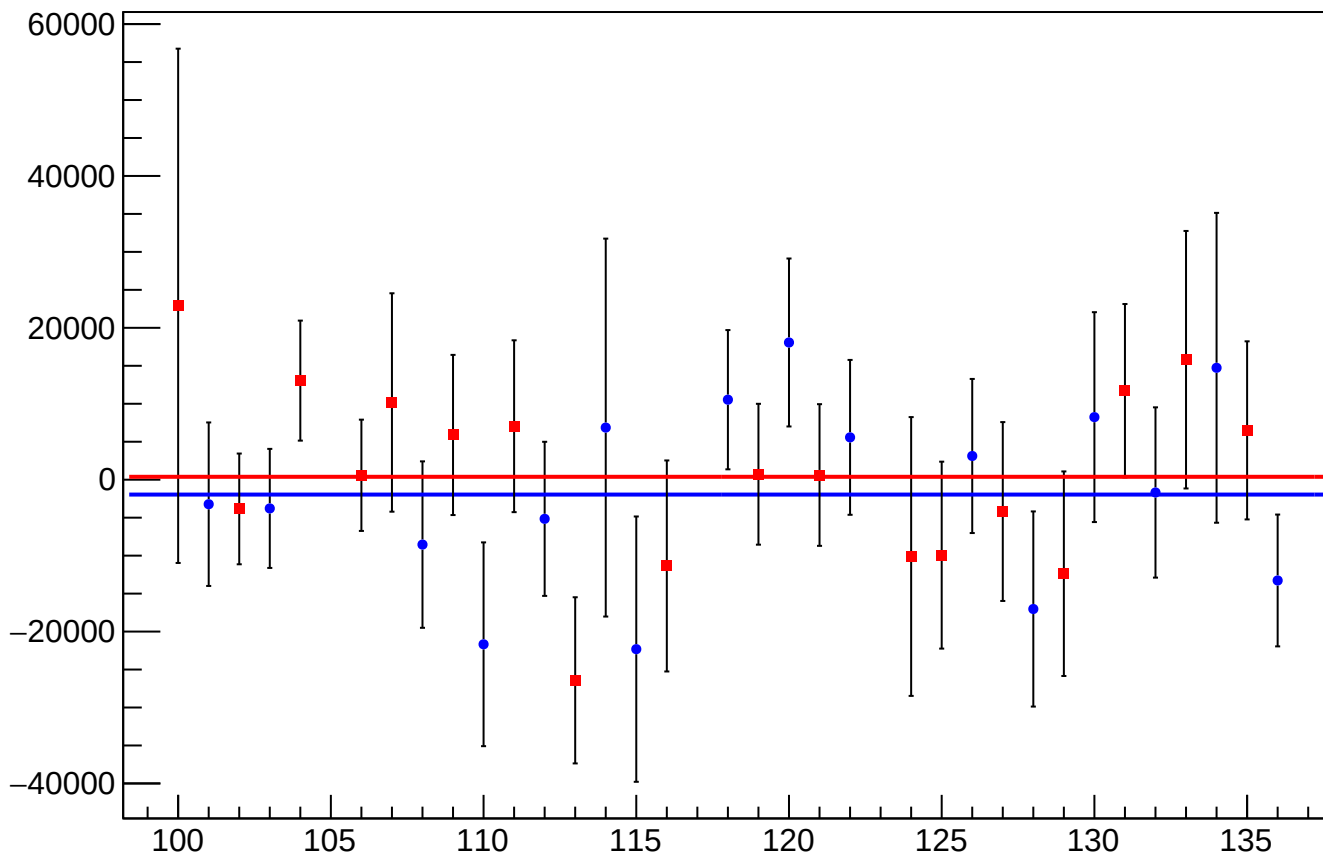
Right: 1707.696+/-0.324 χ^2/NDF : 647442.0/33

In: 1725.910+/-0.460 χ^2/NDF : 365639.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1707.696+/-0.324 χ^2/NDF : 647442.0/33

asym_at2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1958.538 $\pm$ 2798.302 χ^2 /NDF: 14.4/15

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

Right Out: 381.646 $\pm$ 2553.875 χ^2 /NDF: 15.3/17

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

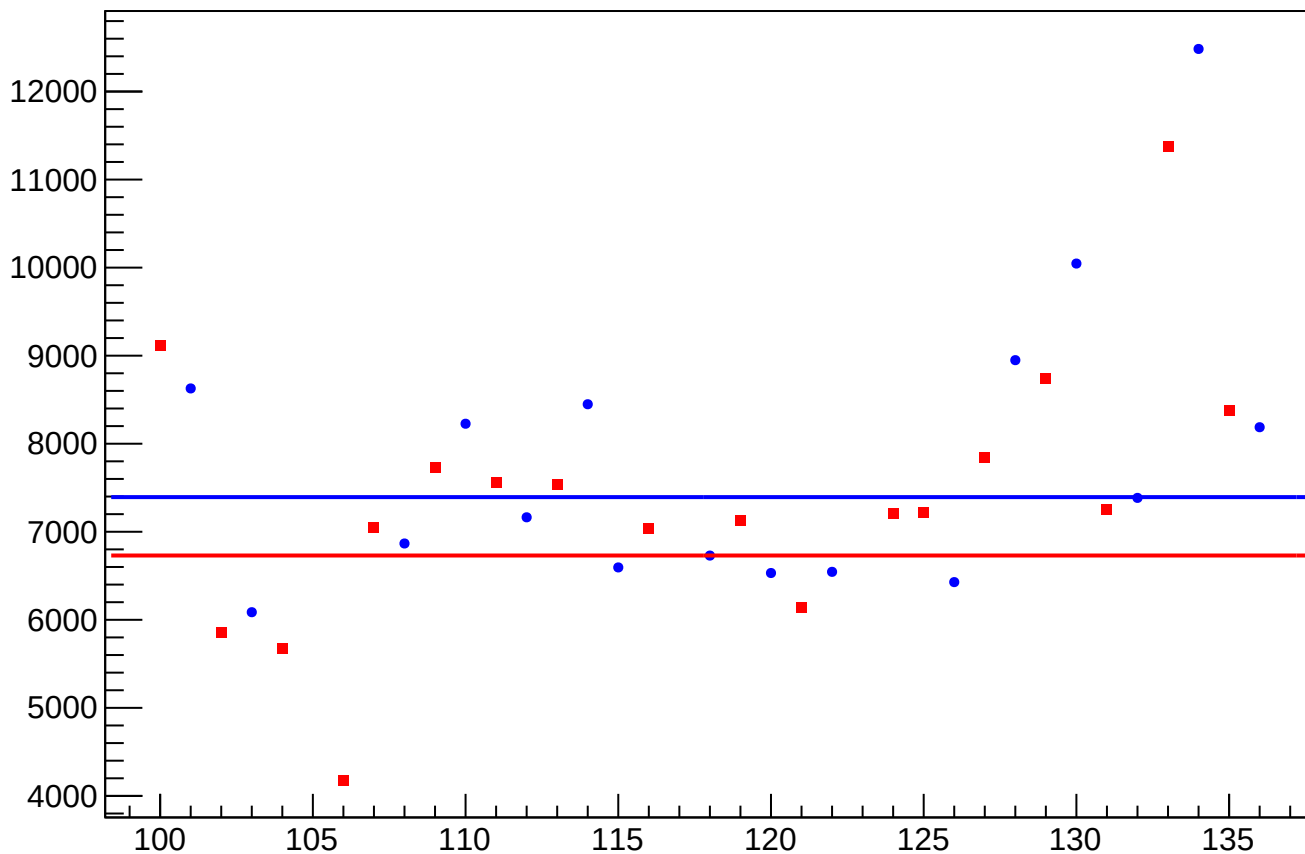
Right: -681.795 $\pm$ 1886.368 χ^2 /NDF: 30.1/33

In: -1958.538 $\pm$ 2798.302 χ^2 /NDF: 14.4/15

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

All: -681.795 $\pm$ 1886.368 χ^2 /NDF: 30.1/33

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: 6730.363+/-1.806 χ^2/NDF : 630656.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

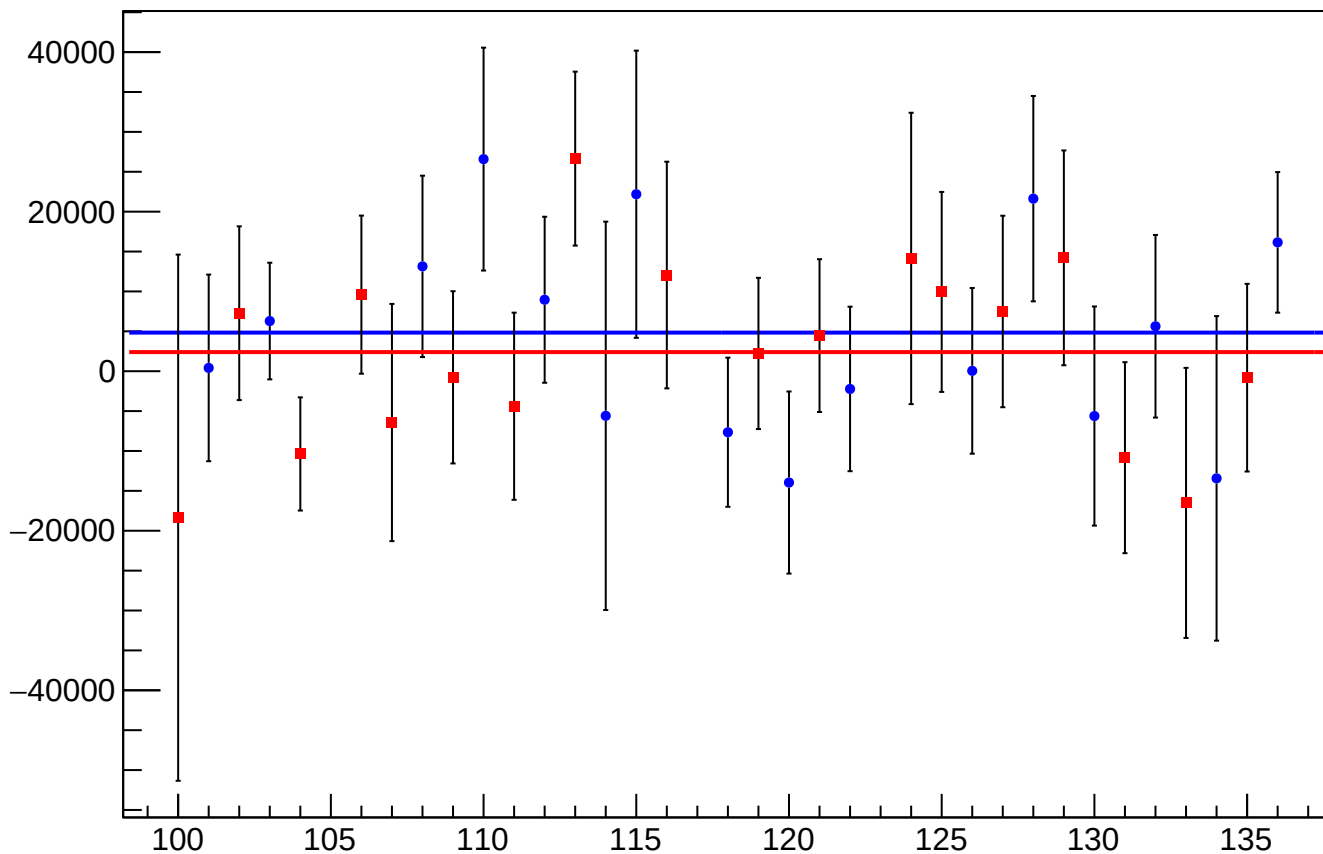
Right: 7031.758+/-1.334 χ^2/NDF : 1093782.0/33

In: 7393.605+/-1.979 χ^2/NDF : 401829.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7031.758+/-1.334 χ^2/NDF : 1093782.0/33

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: 2395.644+/-2724.806 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

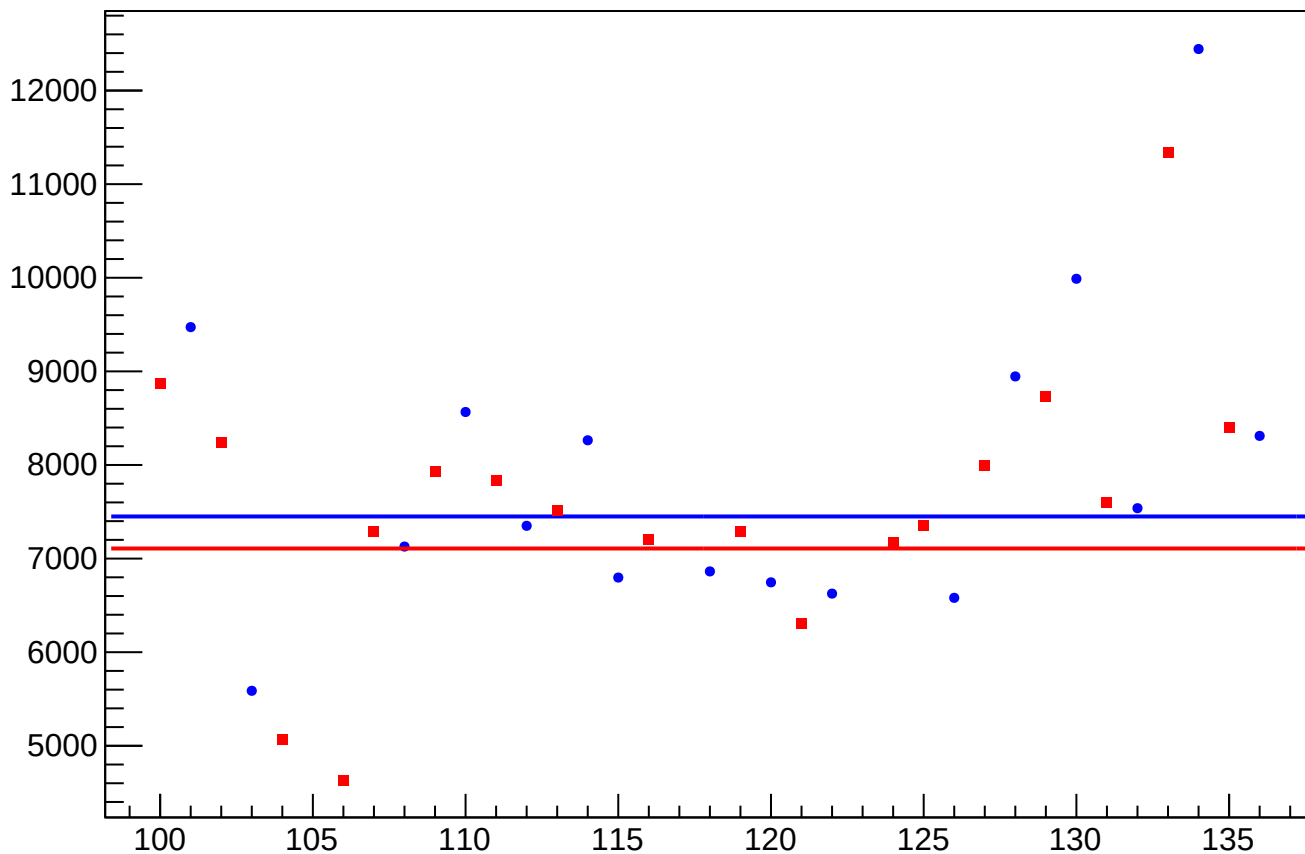
Right: 3570.967+/-1962.503 χ^2/NDF : 29.6/33

In: 4837.820+/-2828.918 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3570.967+/-1962.503 χ^2/NDF : 29.6/33

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: 7107.716+/-1.927 χ^2/NDF : 548859.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

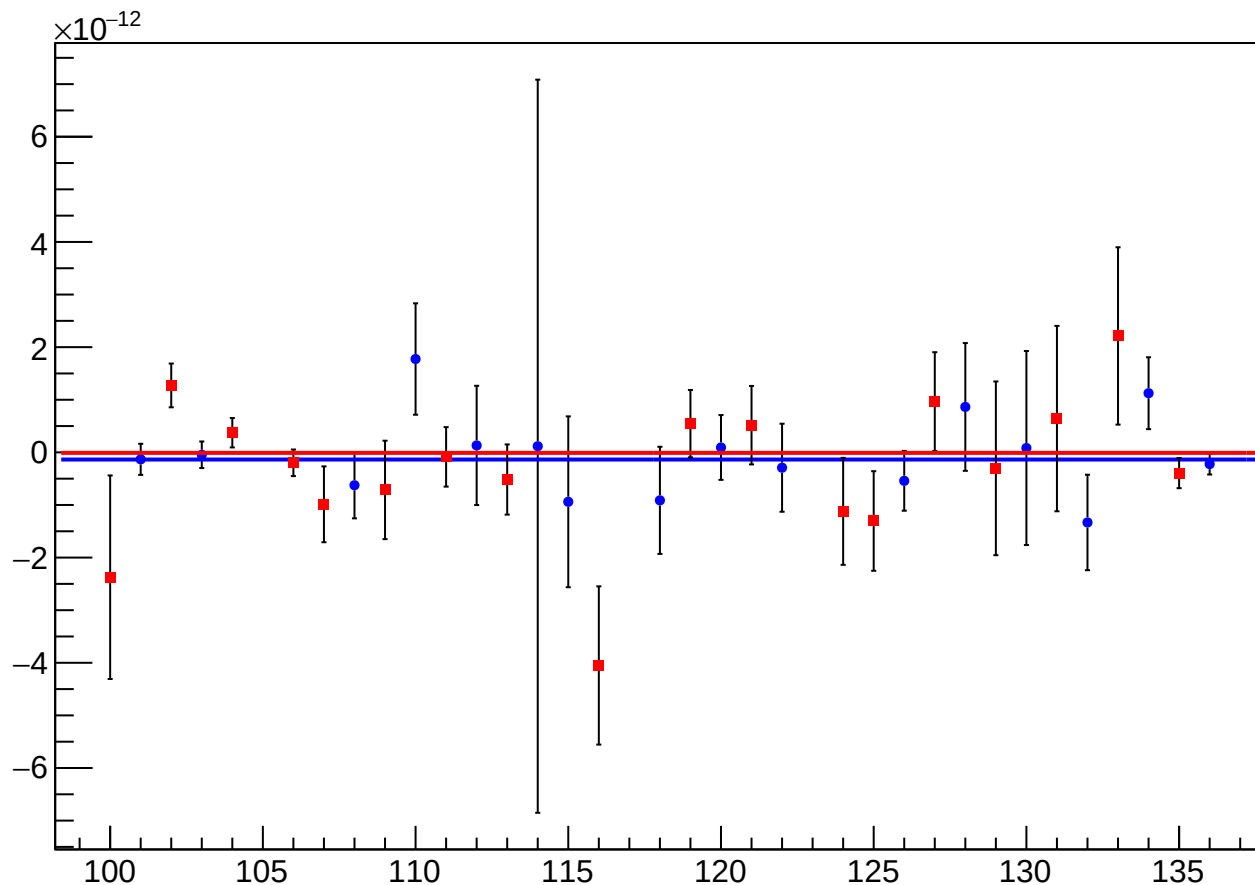
Right: 7272.426+/-1.388 χ^2/NDF : 1050475.8/33

In: 7449.985+/-2.000 χ^2/NDF : 486427.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7272.426+/-1.388 χ^2/NDF : 1050475.8/33

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 : 32.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

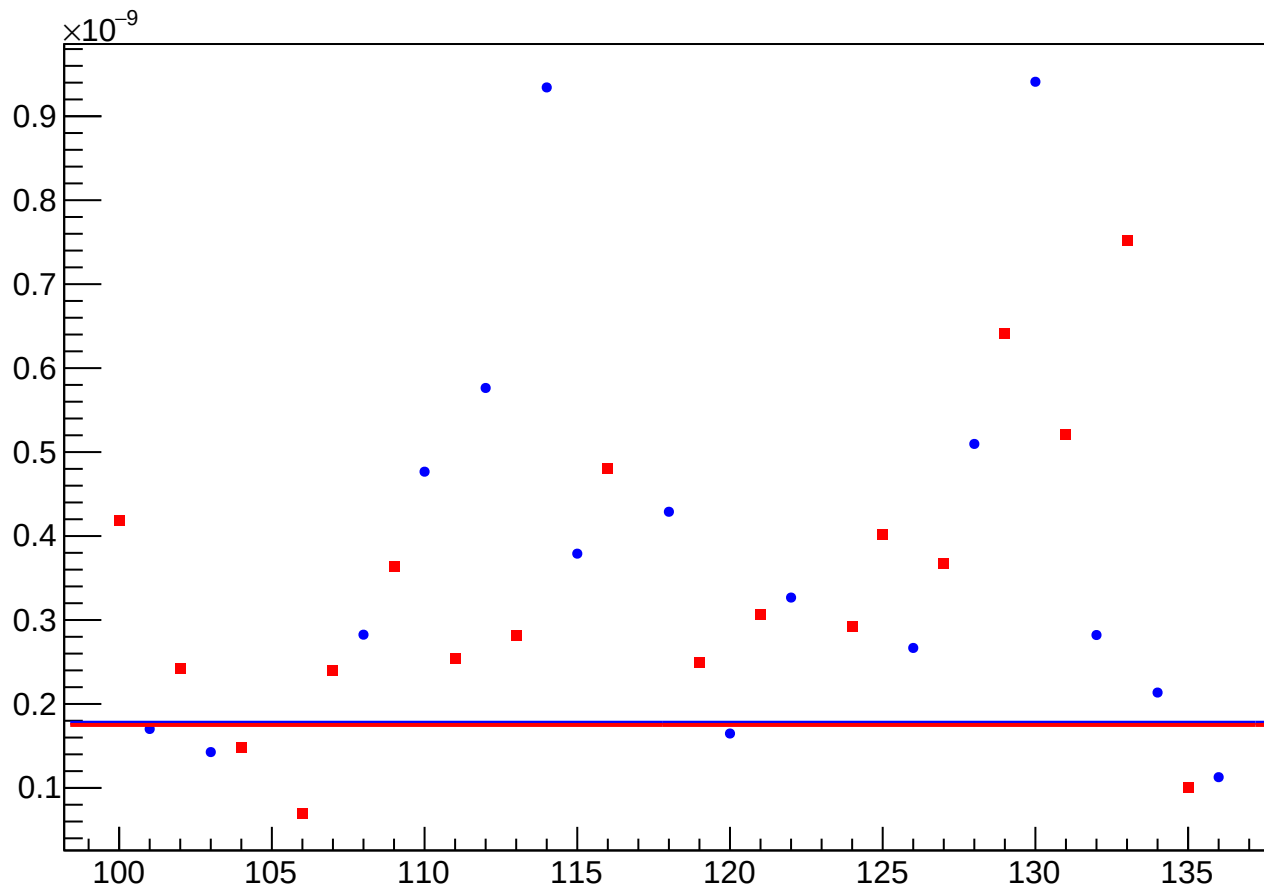
Right: -0.000+/-0.000 χ^2/NDF : 44.8/33

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 : 44.8/33

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 : 1640494.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

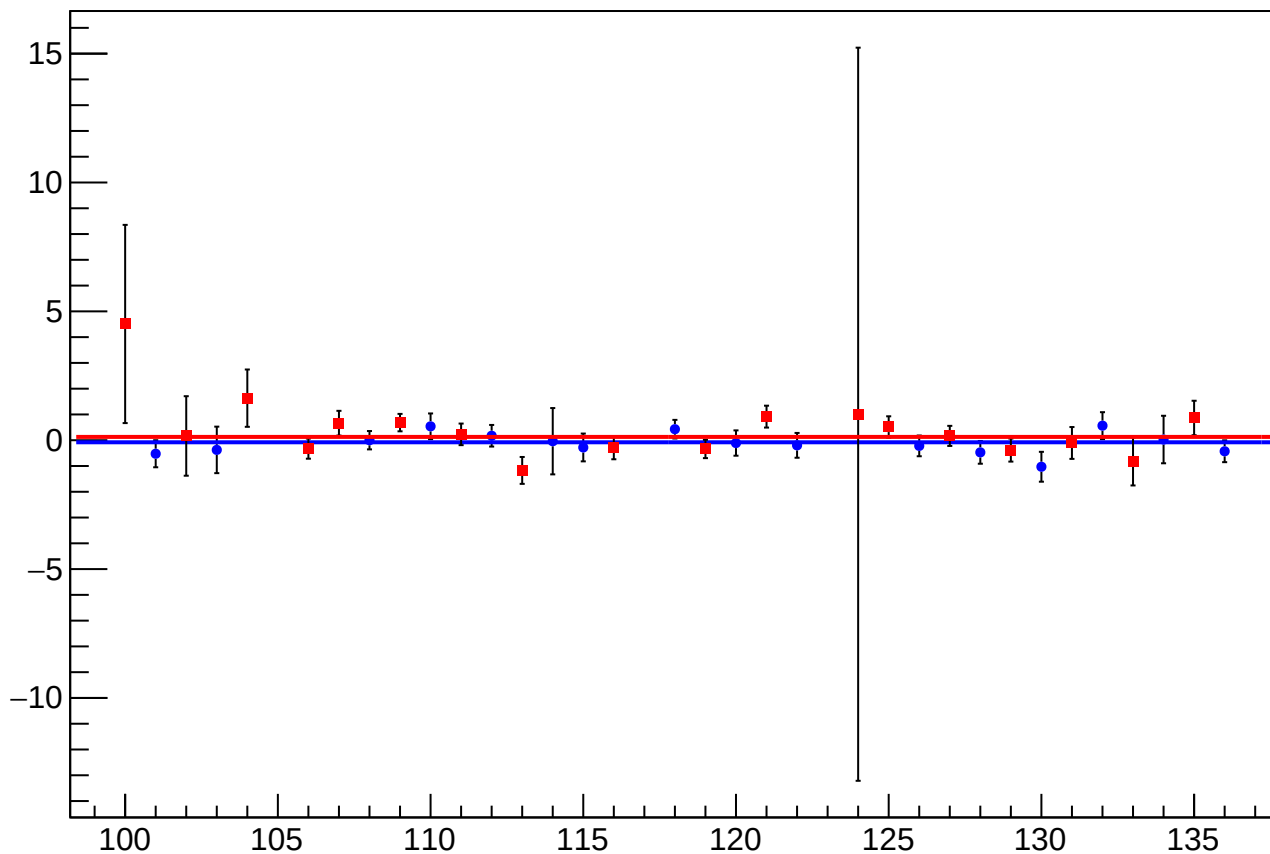
Right: 0.000+/-0.000 χ^2/NDF : 3171014.3/33

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 : 3171014.3/33

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: 0.129 ± 0.118 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

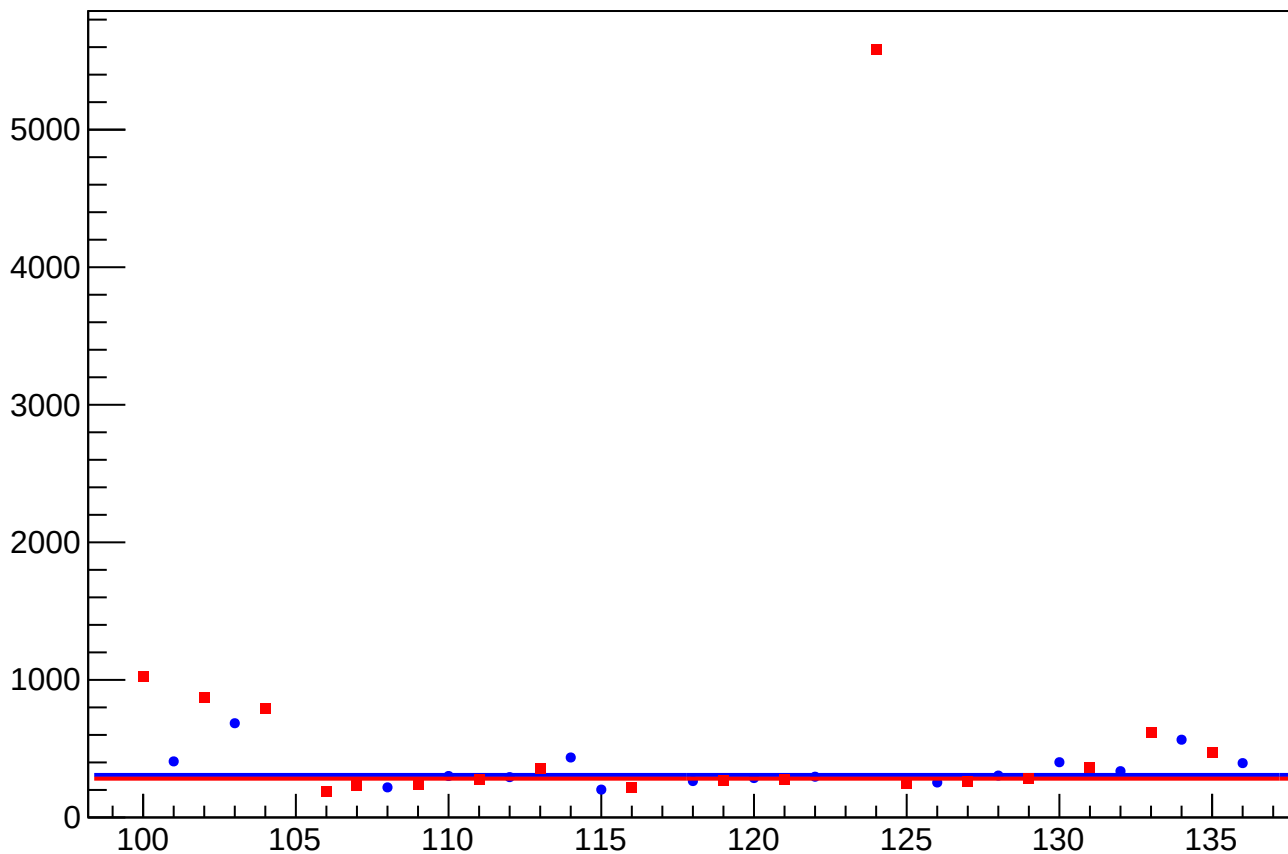
Right: 0.028 ± 0.085 χ^2/NDF : 37.5/33

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 ± 0.085 χ^2/NDF : 37.5/33

asym_at2_avg_dit_vs_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: 281.994+/-0.083 χ^2/NDF : 1809229.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

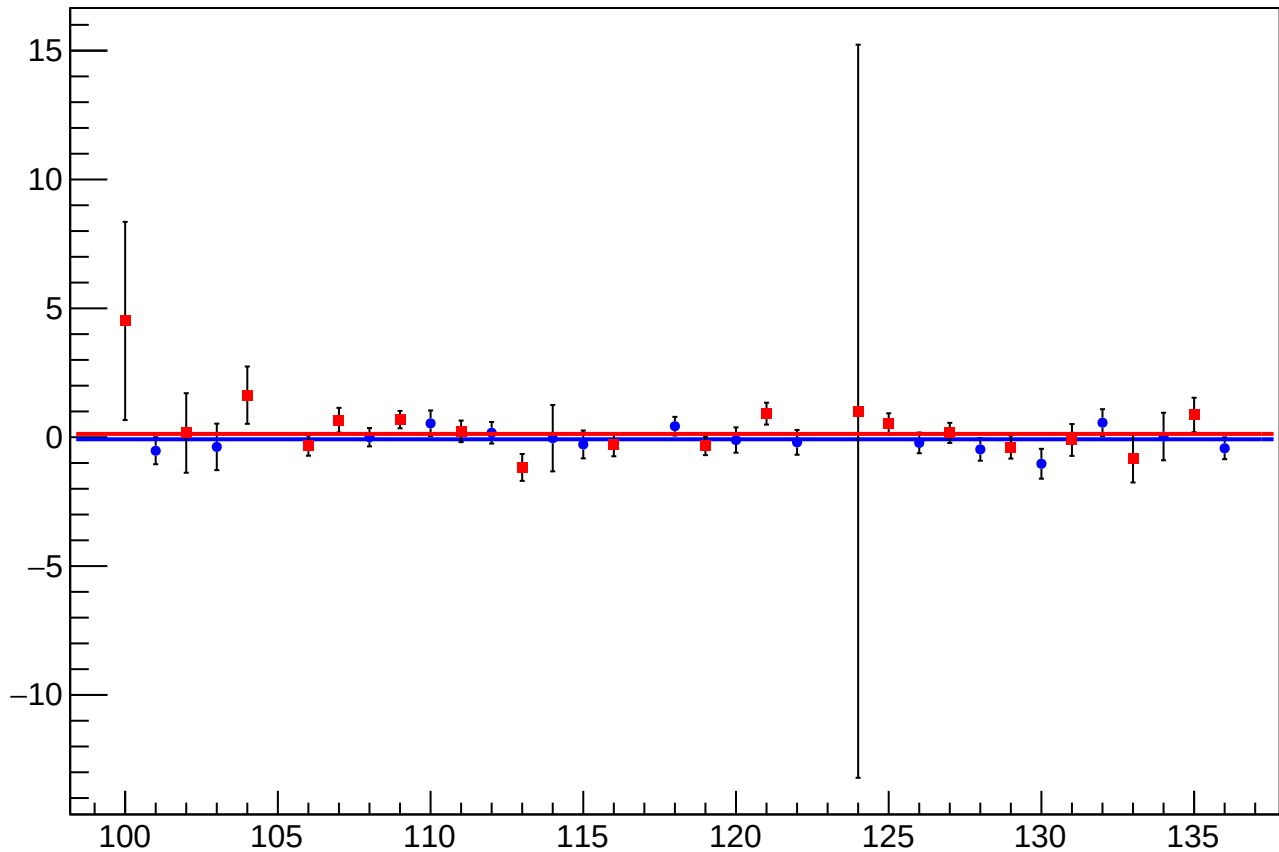
Right: 295.082+/-0.060 χ^2/NDF : 2874966.7/33

In: 309.093+/-0.086 χ^2/NDF : 1014604.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.082+/-0.060 χ^2/NDF : 2874966.7/33

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: 0.129 ± 0.118 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

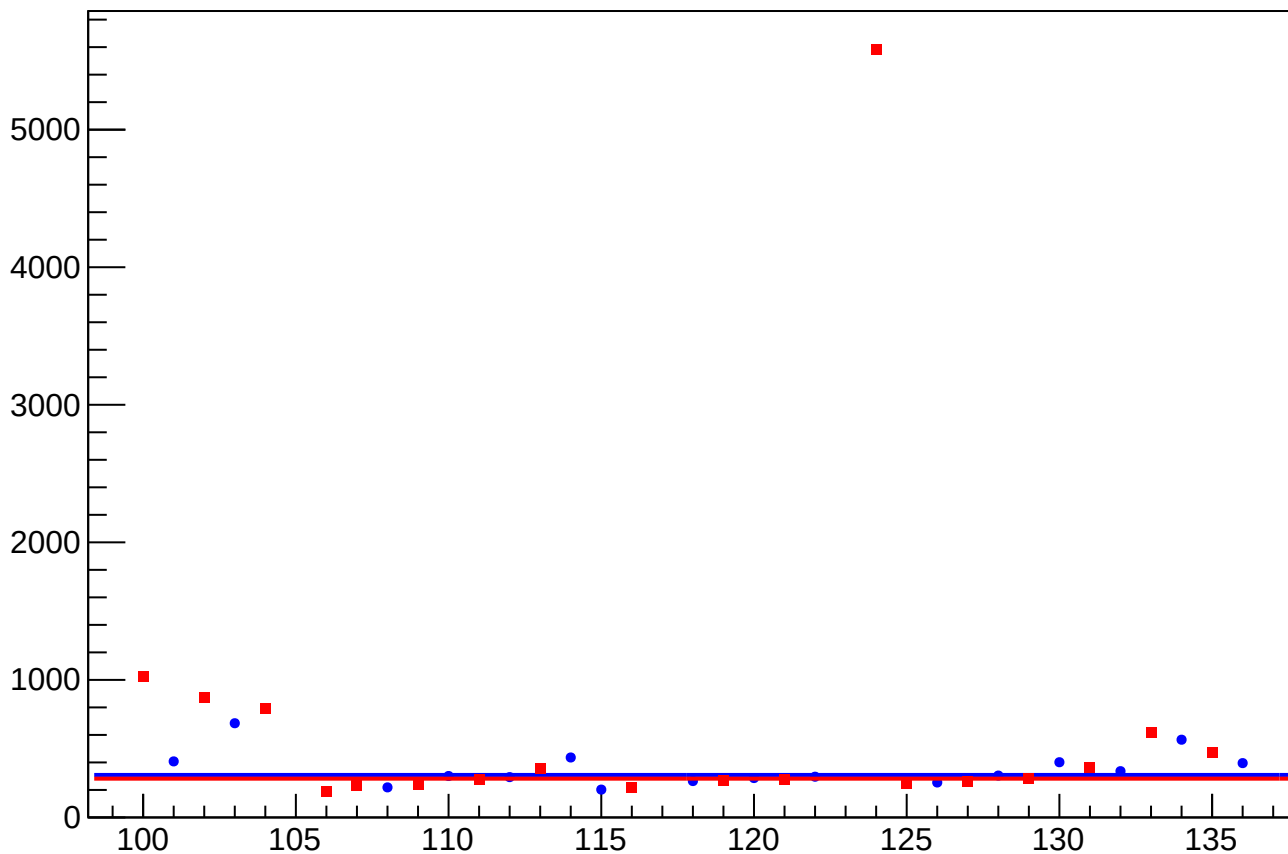
Right: 0.028 ± 0.085 χ^2/NDF : 37.5/33

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 ± 0.085 χ^2/NDF : 37.5/33

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: 281.994+/-0.083 χ^2/NDF : 1809229.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

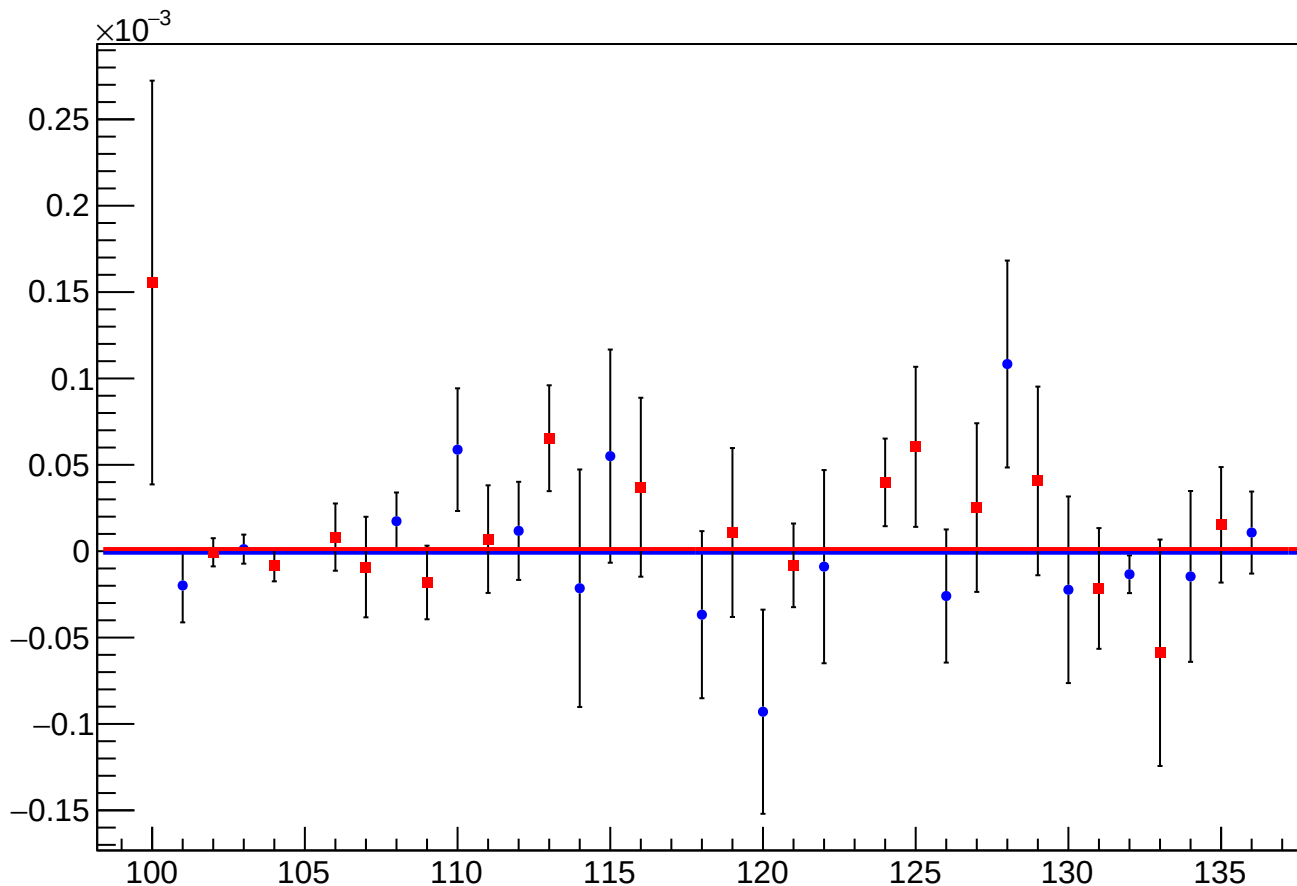
Right: 295.082+/-0.060 χ^2/NDF : 2874966.7/33

In: 309.093+/-0.086 χ^2/NDF : 1014604.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.082+/-0.060 χ^2/NDF : 2874966.7/33

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 : 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

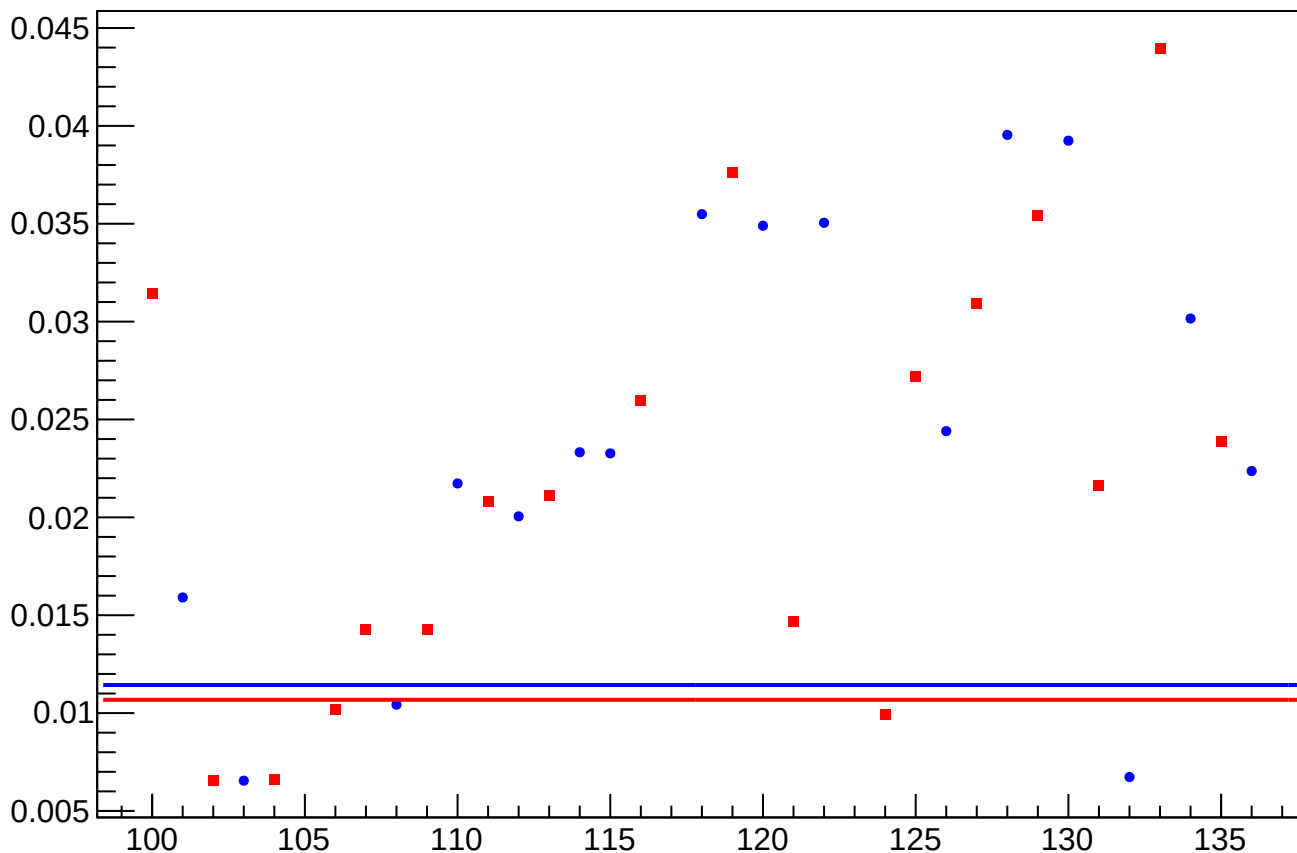
Right: 0.000+/-0.000 χ^2/NDF : 29.8/33

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 : 29.8/33

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 : 4358497.3/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 9080422.3/33

In: 0.011+/-0.000

χ^2/NDF : 4699938.2/15

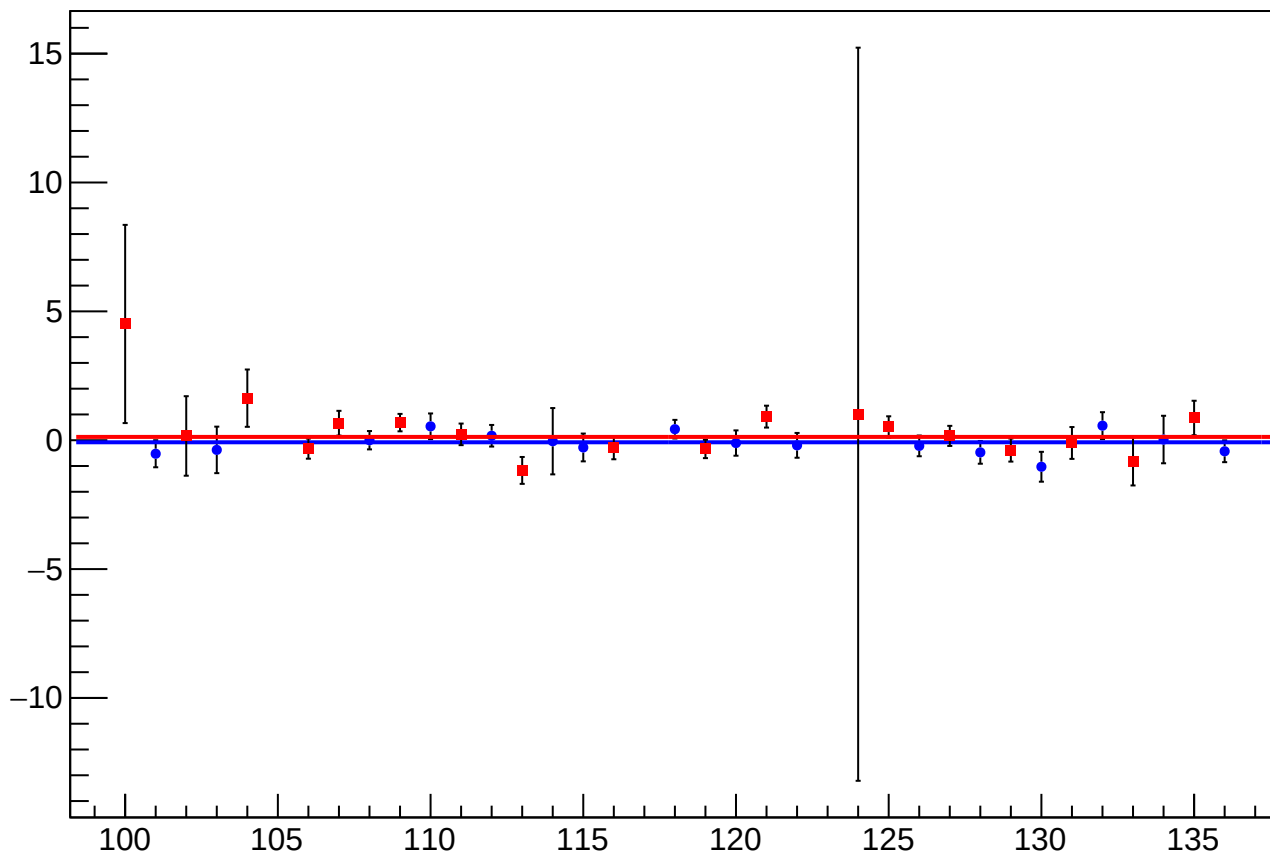
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 9080422.3/33

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: 0.129 ± 0.118 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

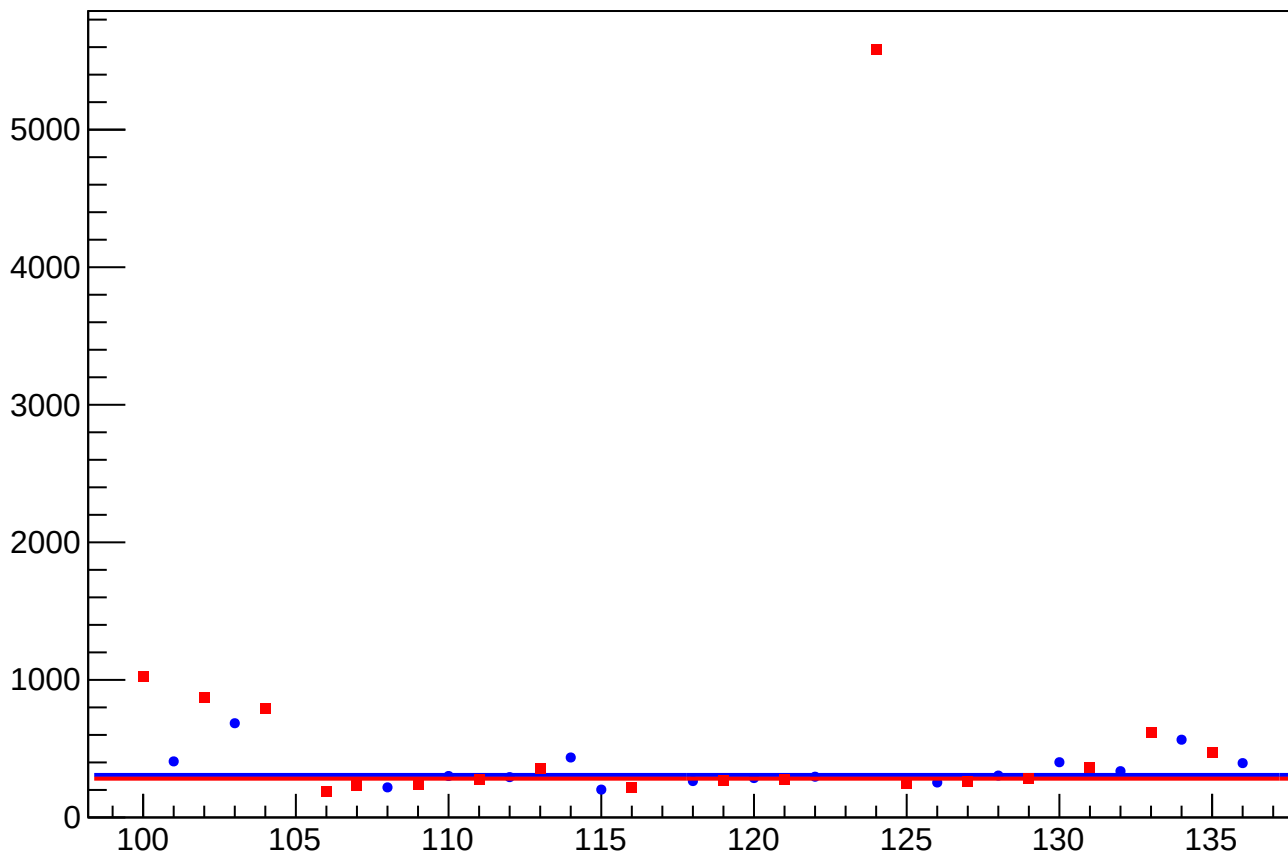
Right: 0.028 ± 0.085 χ^2/NDF : 37.5/33

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 ± 0.085 χ^2/NDF : 37.5/33

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: 281.994+/-0.083 χ^2/NDF : 1809206.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

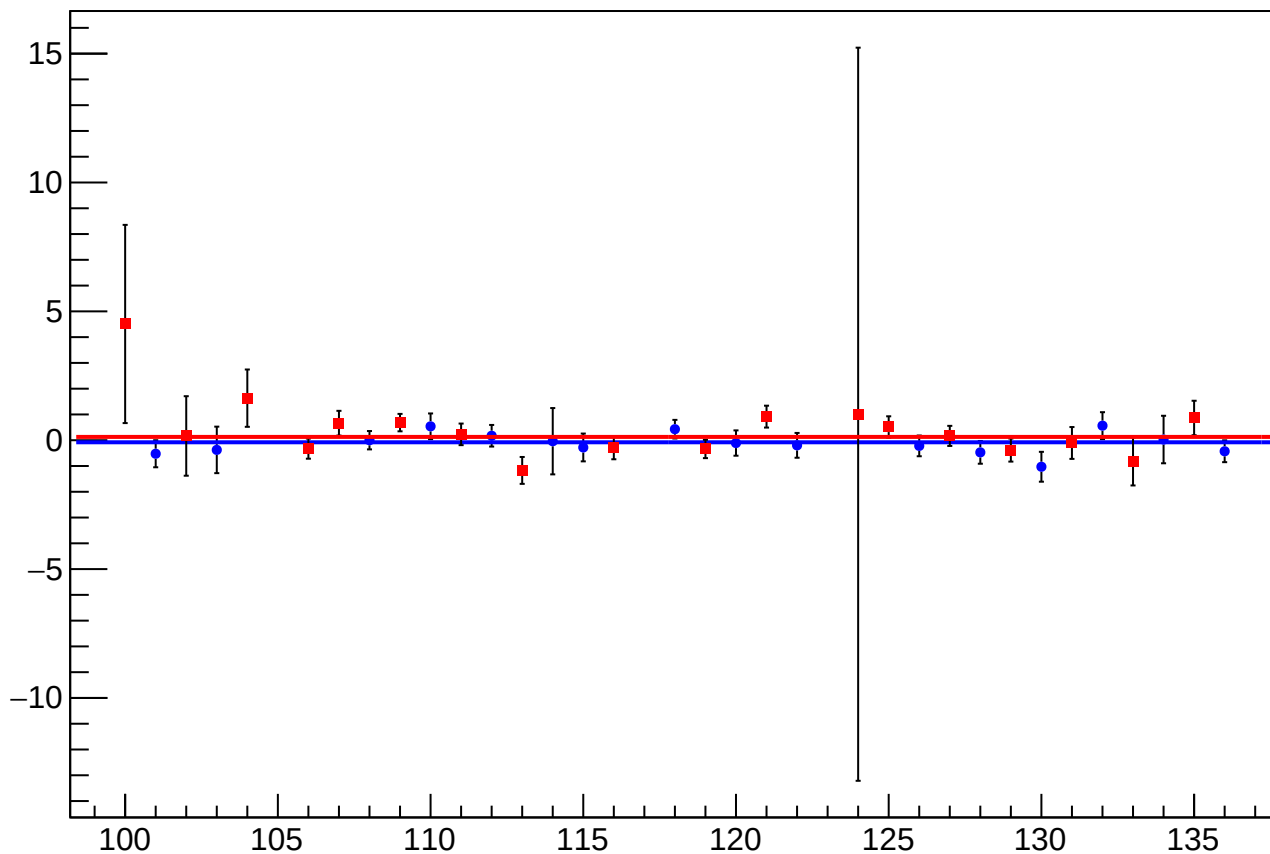
Right: 295.081+/-0.060 χ^2/NDF : 2874912.5/33

In: 309.093+/-0.086 χ^2/NDF : 1014573.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.081+/-0.060 χ^2/NDF : 2874912.5/33

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: 0.129 ± 0.118 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

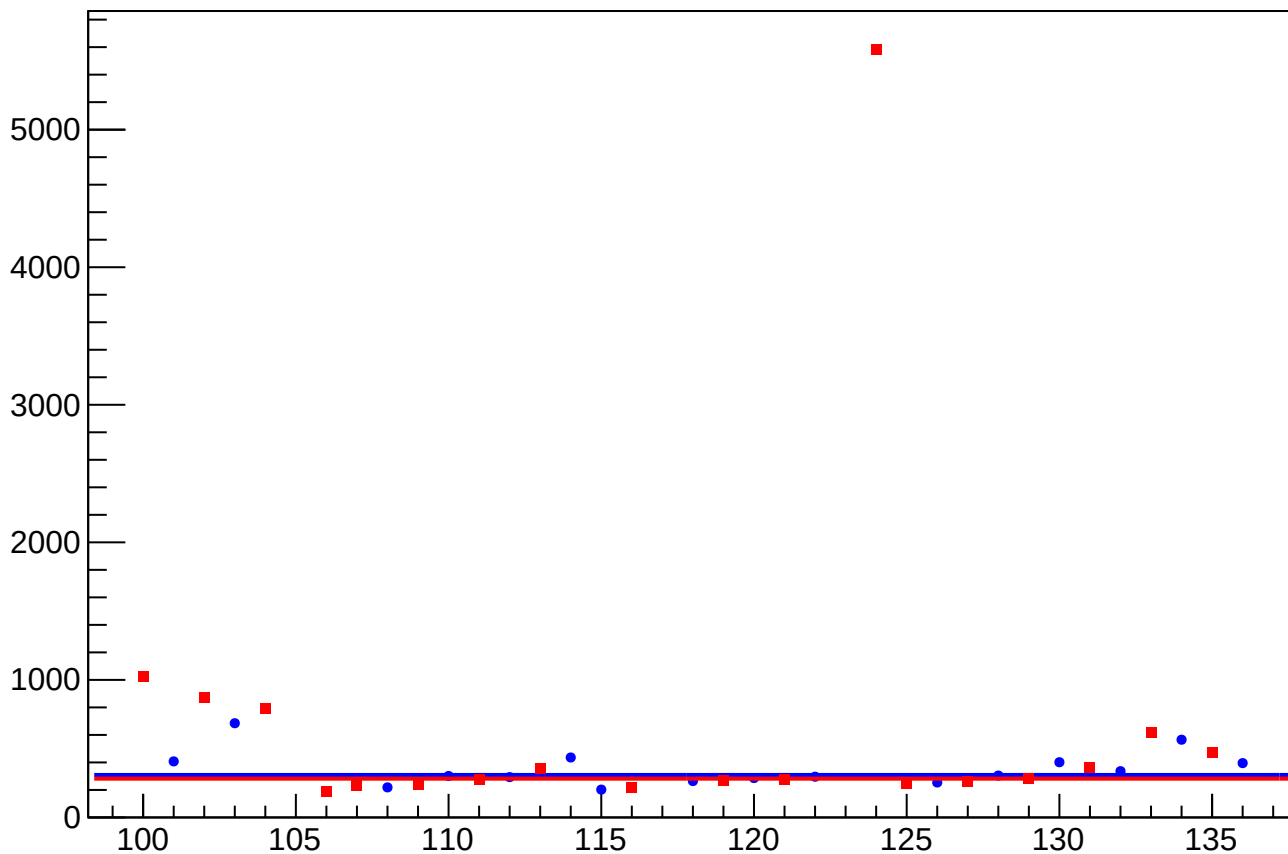
Right: 0.028 ± 0.085 χ^2/NDF : 37.5/33

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 ± 0.085 χ^2/NDF : 37.5/33

asym_at2_avg_eigen_dit_vs_eigen_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: 281.994+/-0.083 χ^2/NDF : 1809206.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

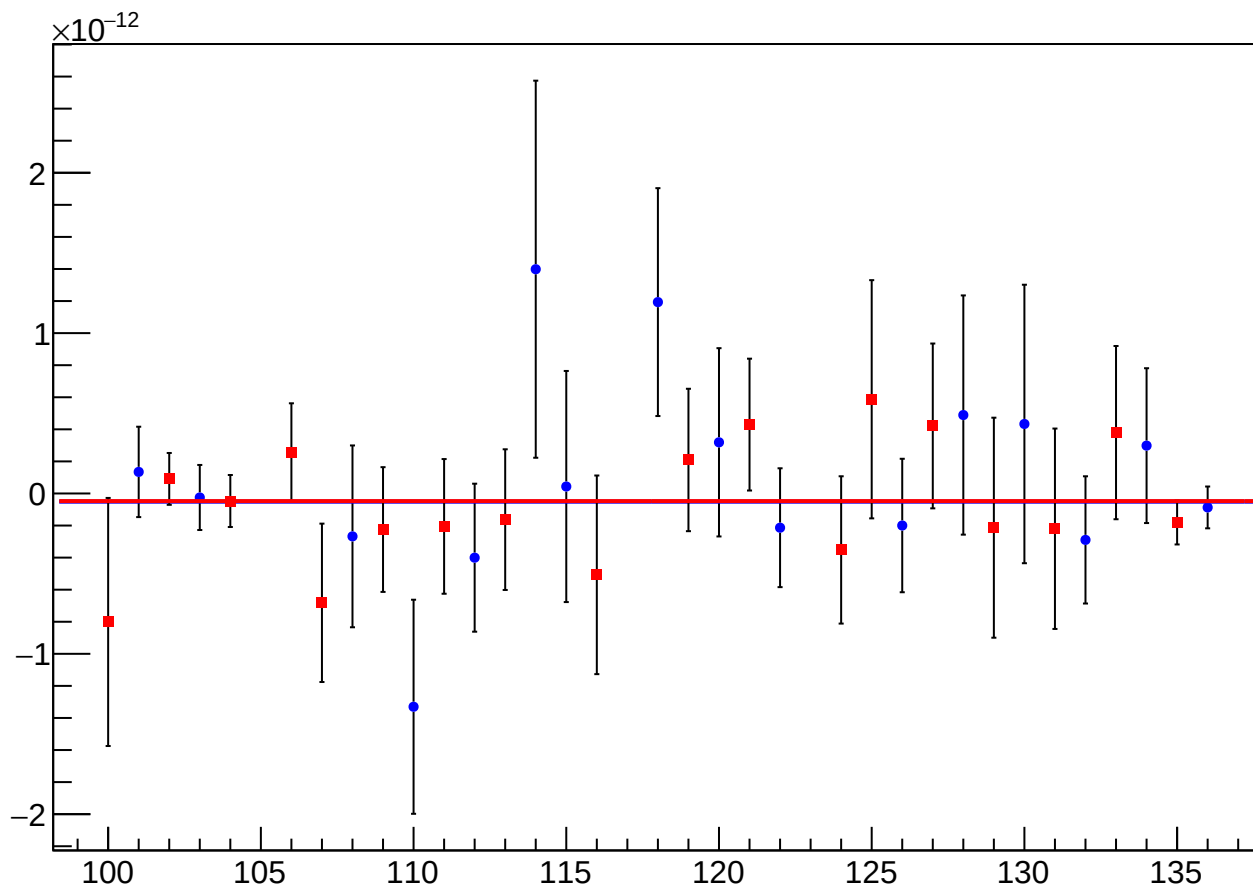
Right: 295.081+/-0.060 χ^2/NDF : 2874912.5/33

In: 309.093+/-0.086 χ^2/NDF : 1014573.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.081+/-0.060 χ^2/NDF : 2874912.5/33

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 : 10.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

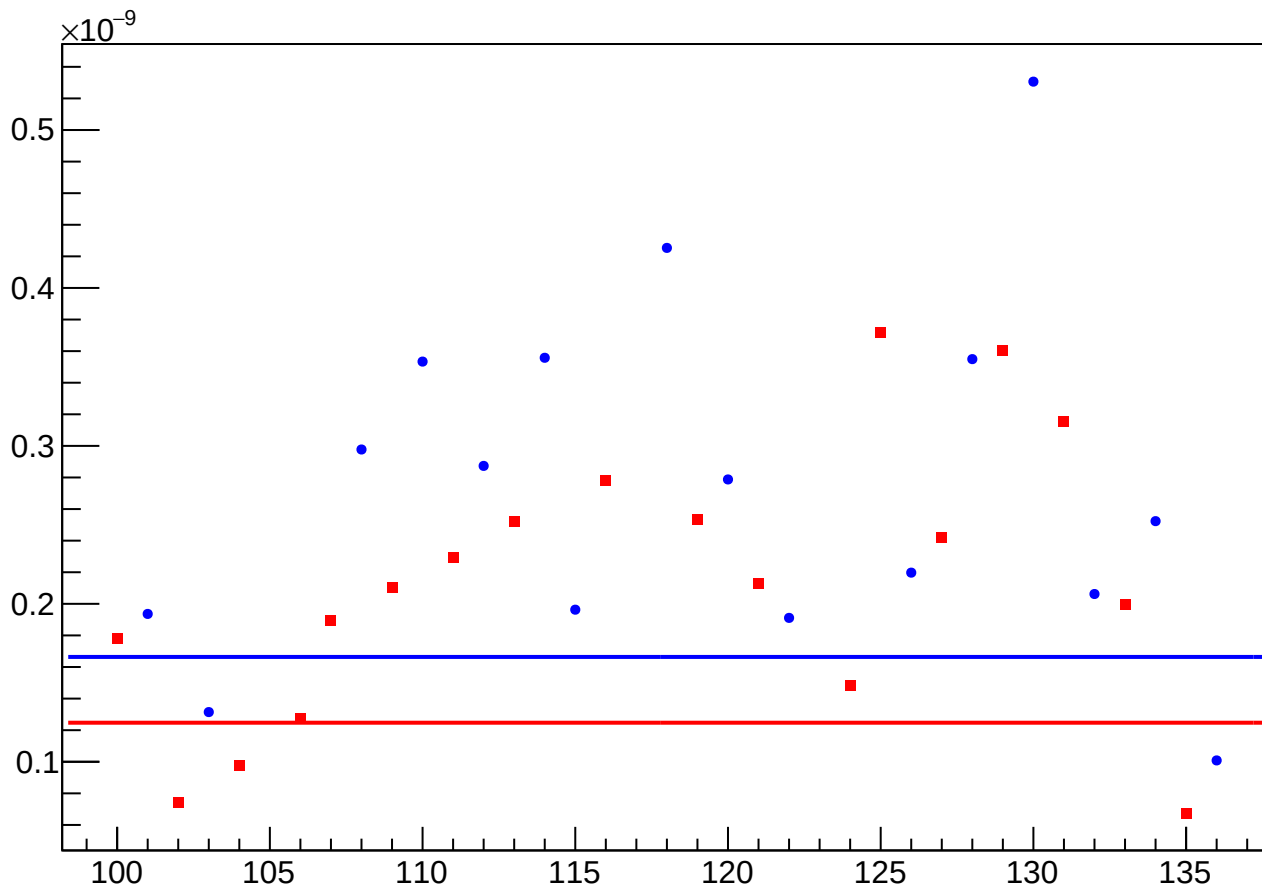
Right: -0.000+/-0.000 χ^2/NDF : 22.6/33

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 : 22.6/33

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 : 2209463.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

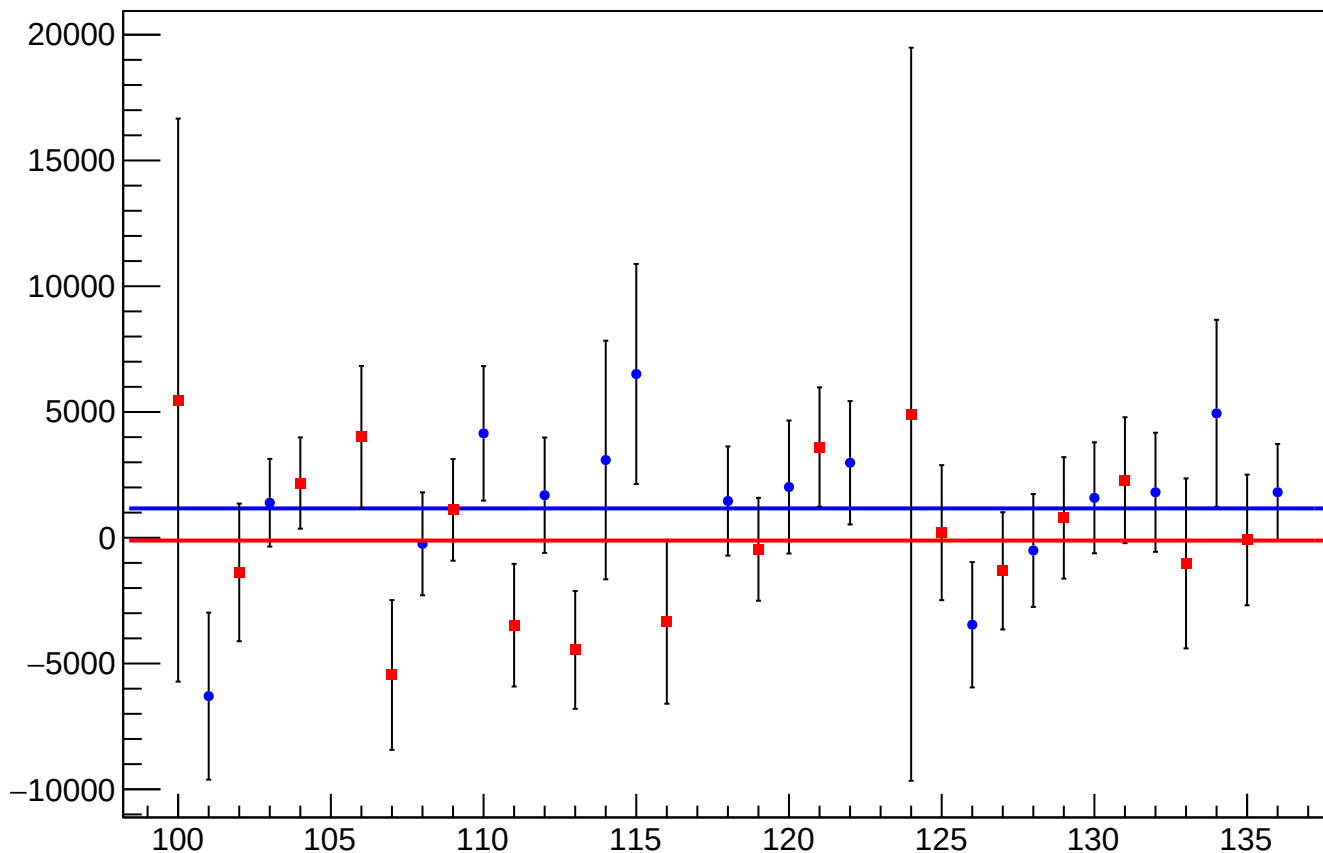
Right: 0.000+/-0.000 χ^2/NDF : 4476691.9/33

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 : 4476691.9/33

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: -109.893 $\pm$ 610.309 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

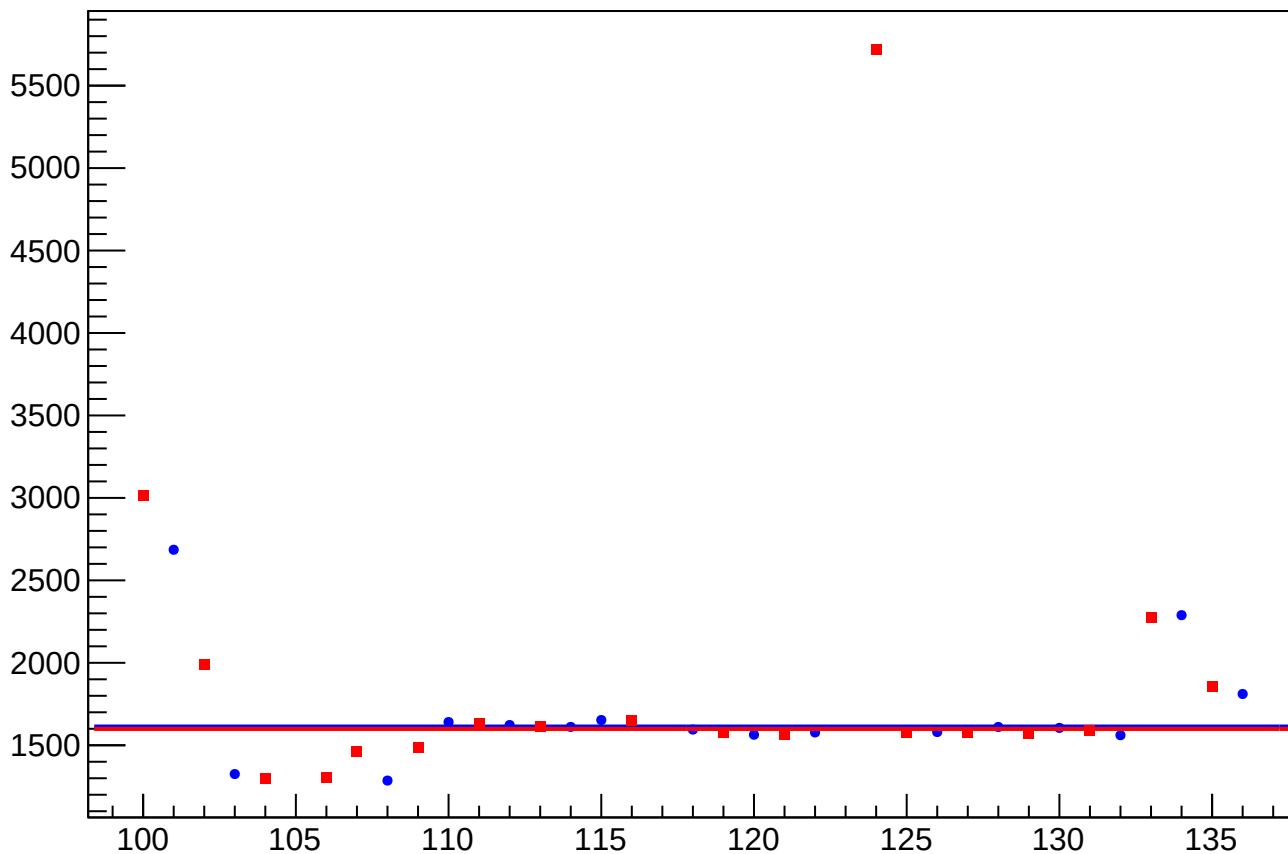
Right: 529.675 $\pm$ 431.151 χ^2 /NDF: 34.7/33

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: 529.675 $\pm$ 431.151 χ^2 /NDF: 34.7/33

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: 1598.795+/-0.432 χ^2/NDF : 420622.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

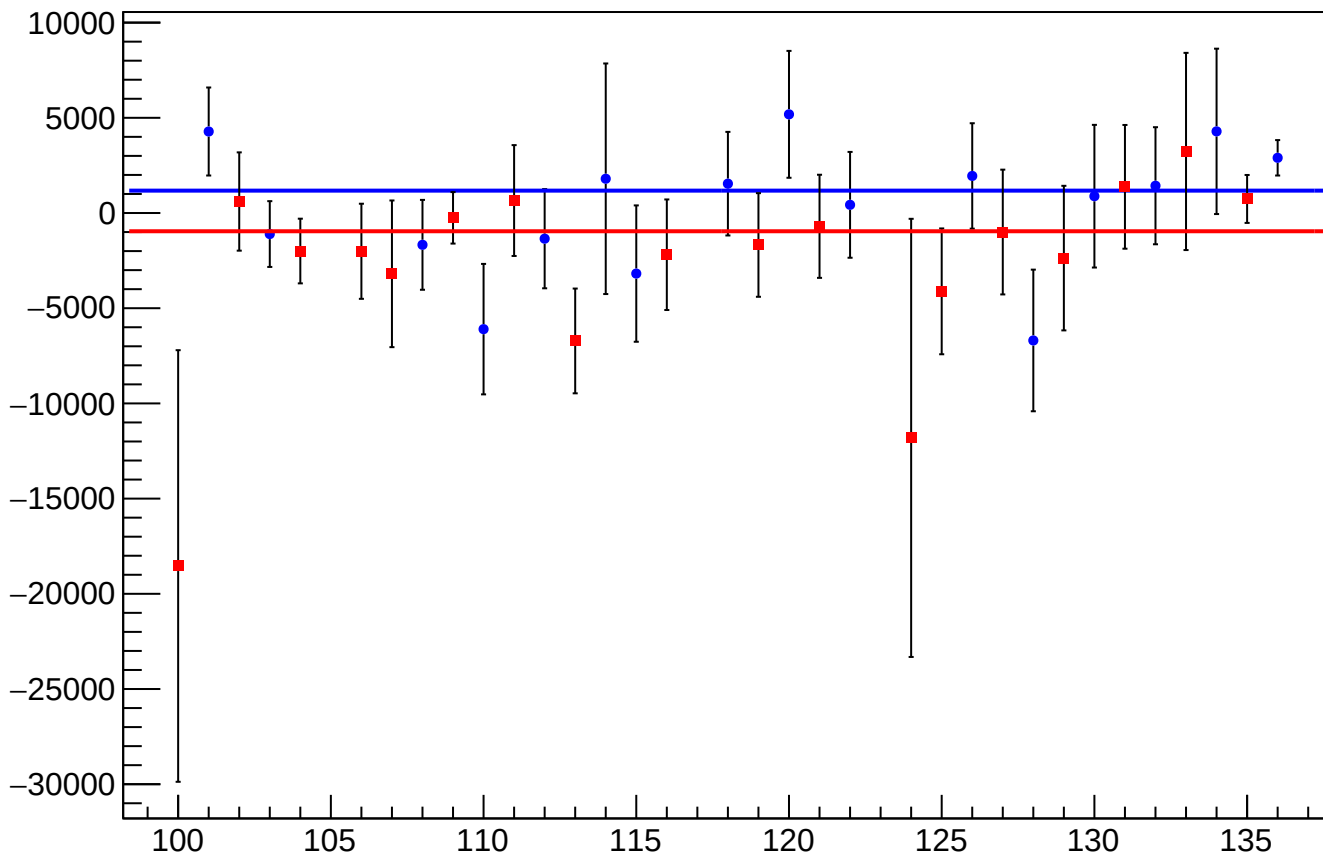
Right: 1606.248+/-0.305 χ^2/NDF : 825906.3/33

In: 1613.674+/-0.431 χ^2/NDF : 404688.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1606.248+/-0.305 χ^2/NDF : 825906.3/33

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: -958.062+/-582.824 χ^2/NDF : 13.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

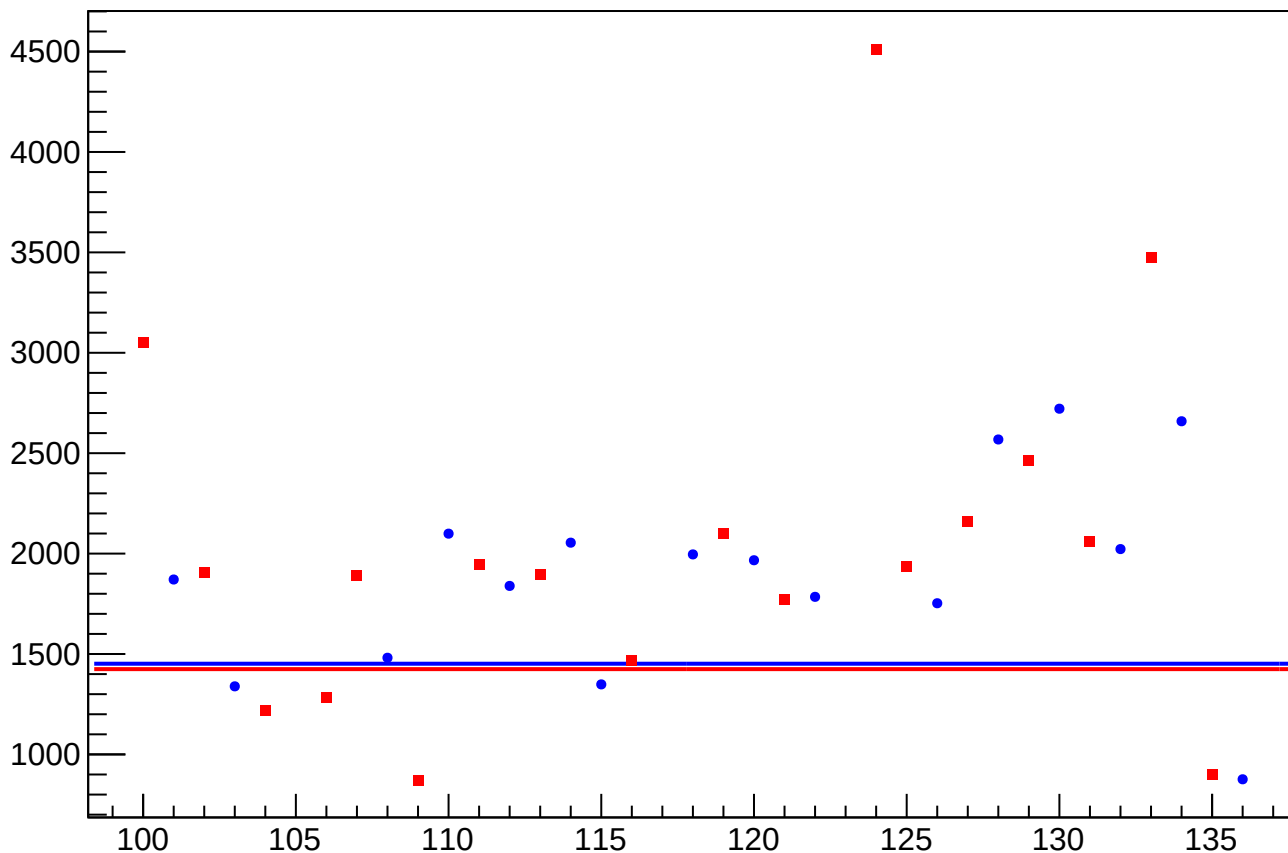
Right: 115.616+/-410.782 χ^2/NDF : 42.5/33

In: 1175.479+/-579.062 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.616+/-410.782 χ^2/NDF : 42.5/33

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: 1424.693+/-0.412 χ^2/NDF : 1971376.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

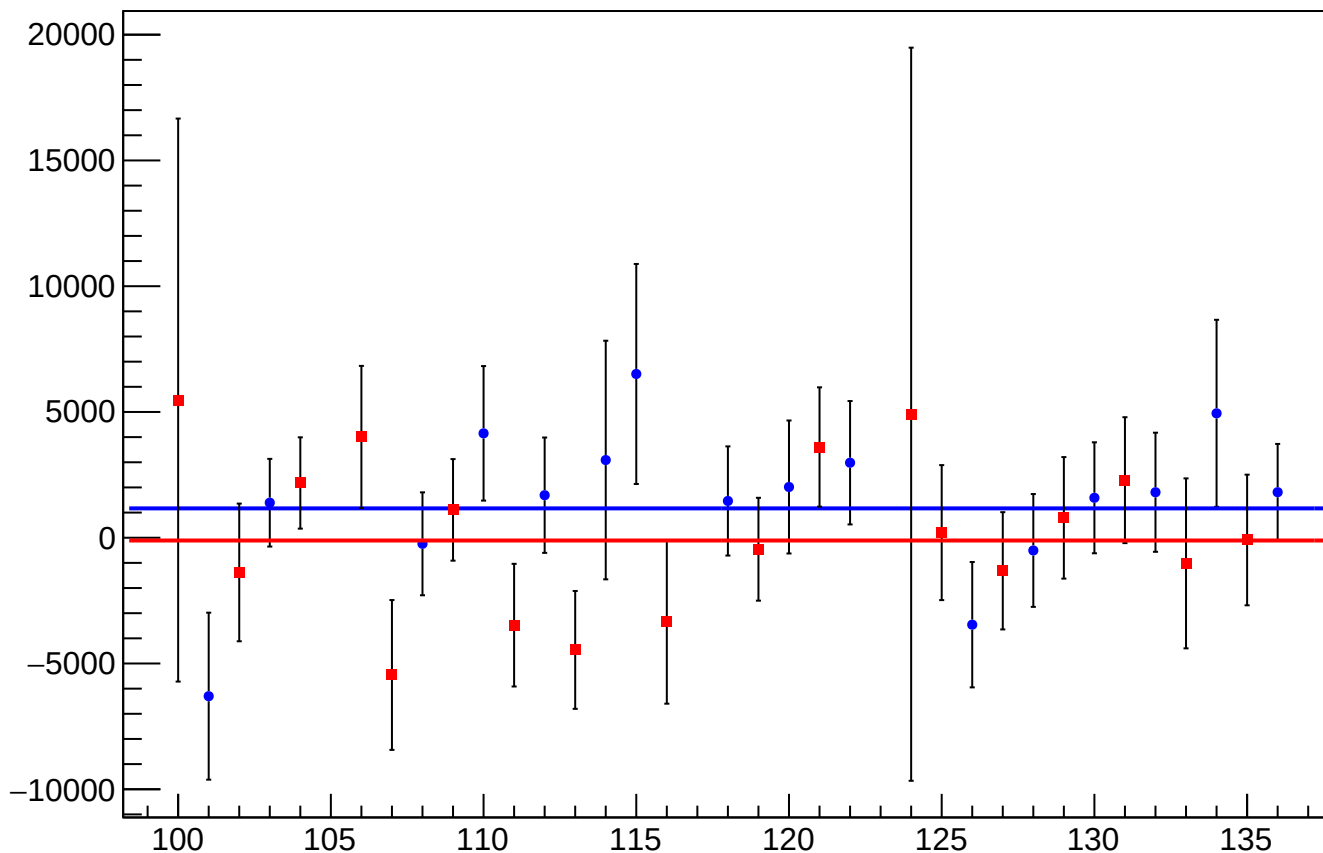
Right: 1438.249+/-0.290 χ^2/NDF : 3764366.1/33

In: 1451.631+/-0.409 χ^2/NDF :1790839.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1438.249+/-0.290 χ^2/NDF : 3764366.1/33

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: -110.209+/-610.309 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

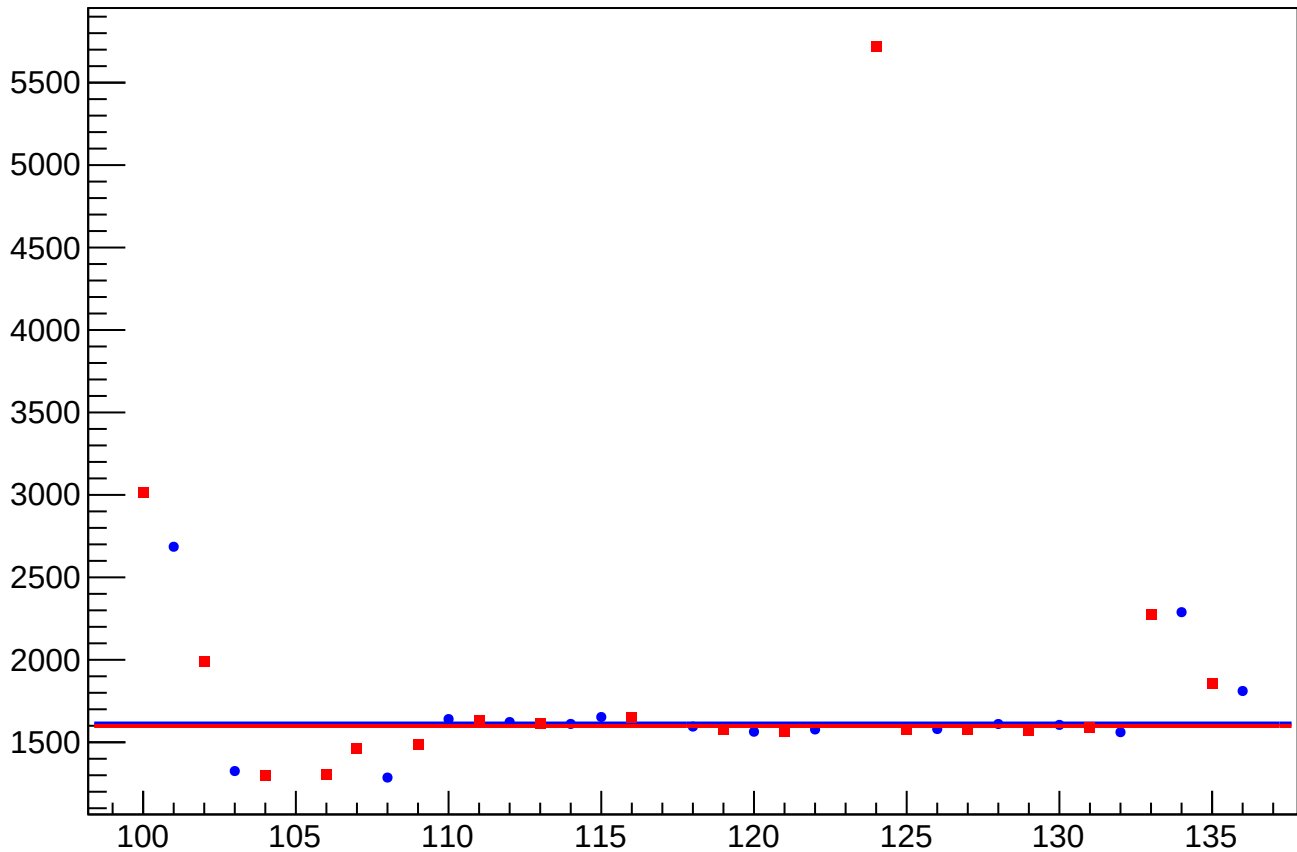
Right: 529.471+/-431.151 χ^2 /NDF: 34.7/33

In: 1166.769+/-609.171 χ^2 /NDF:14.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 529.471+/-431.151 χ^2 /NDF: 34.7/33

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: 1598.795+/-0.432 χ^2/NDF : 420622.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

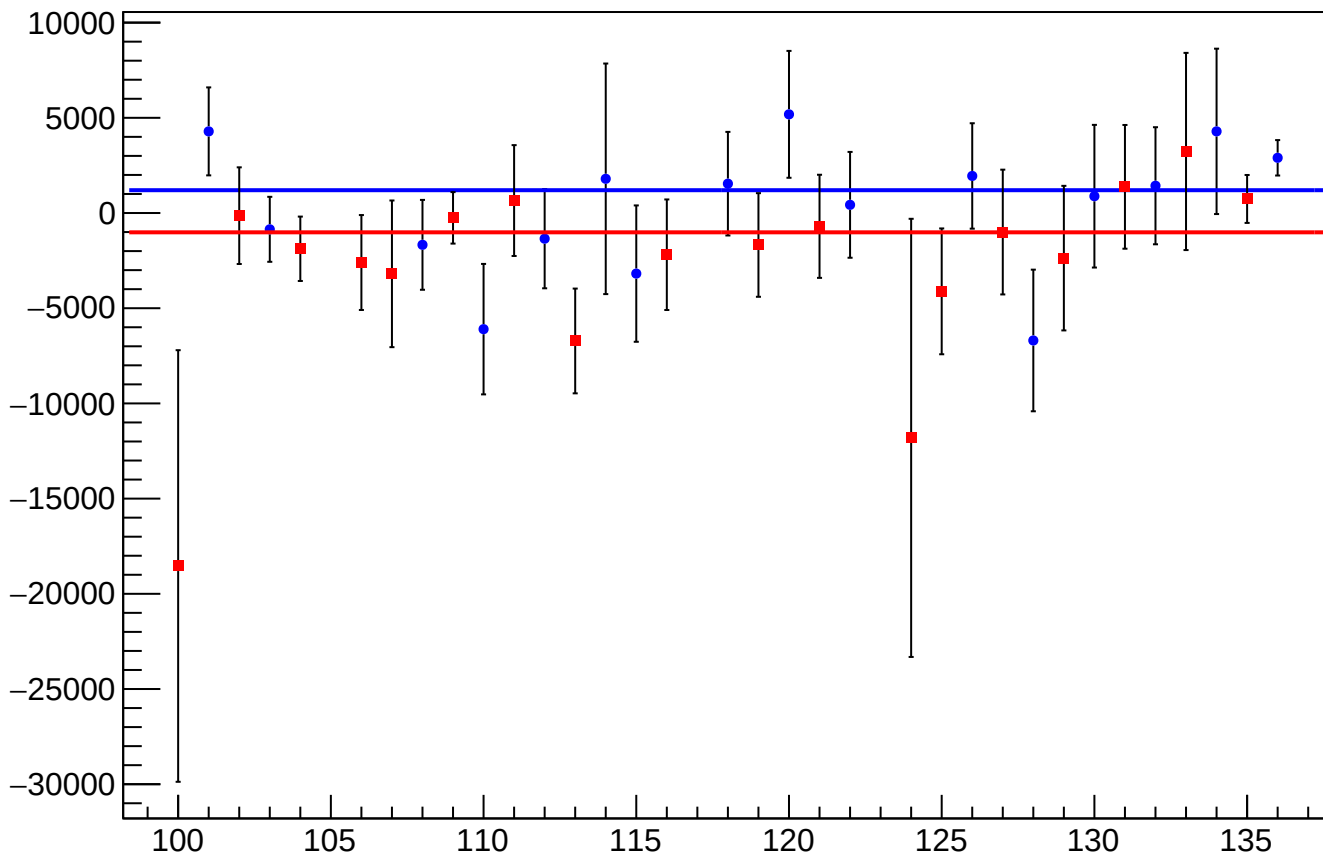
Right: 1606.248+/-0.305 χ^2/NDF : 825906.5/33

In: 1613.674+/-0.431 χ^2/NDF :404688.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1606.248+/-0.305 χ^2/NDF : 825906.5/33

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: -1014.117 $\pm$ 581.941 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

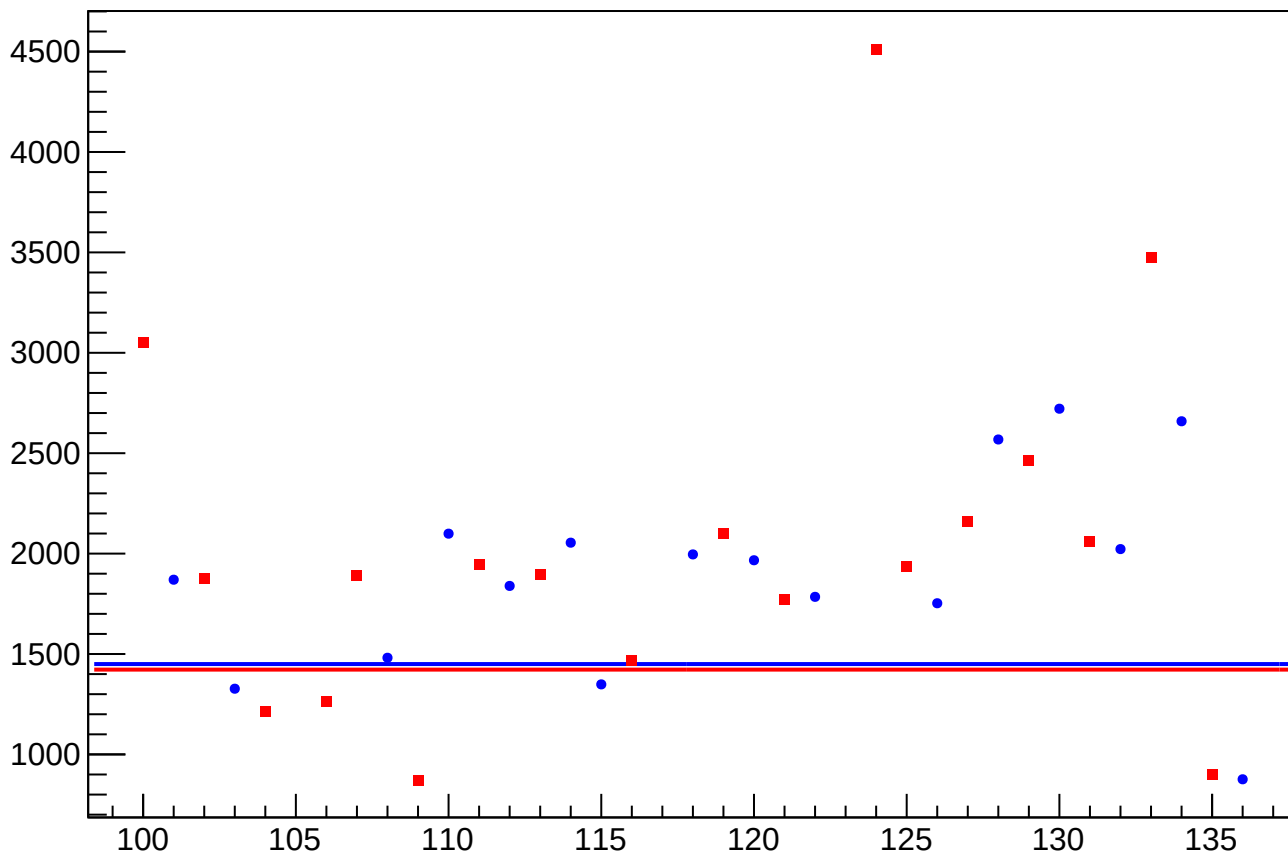
Right: 99.167 $\pm$ 410.180 χ^2 /NDF: 42.7/33

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: 99.167 $\pm$ 410.180 χ^2 /NDF: 42.7/33

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: 1422.323+/-0.411 χ^2/NDF : 1968333.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

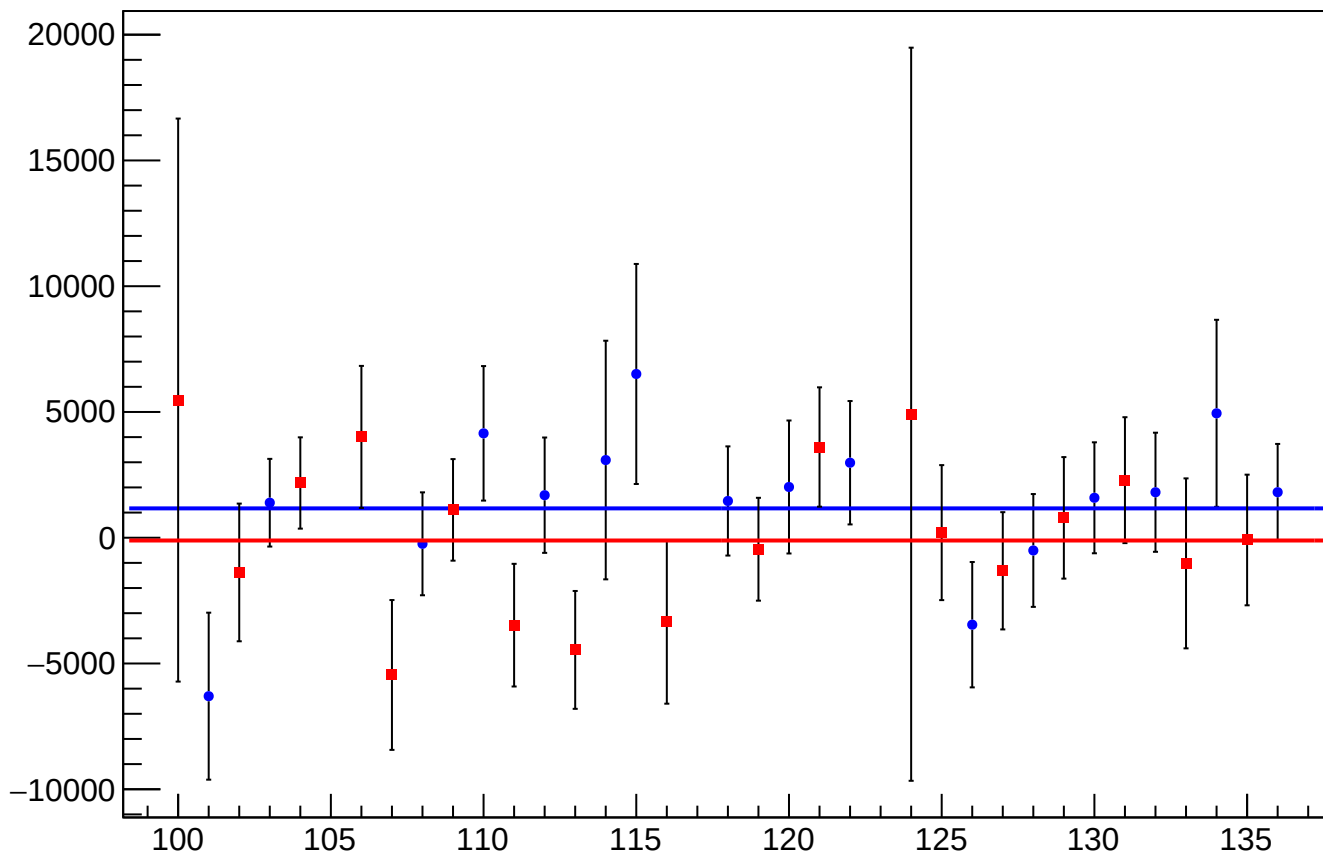
Right: 1436.219+/-0.290 χ^2/NDF : 3763272.7/33

In: 1449.939+/-0.409 χ^2/NDF :1792673.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1436.219+/-0.290 χ^2/NDF : 3763272.7/33

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: -110.209+/-610.309 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

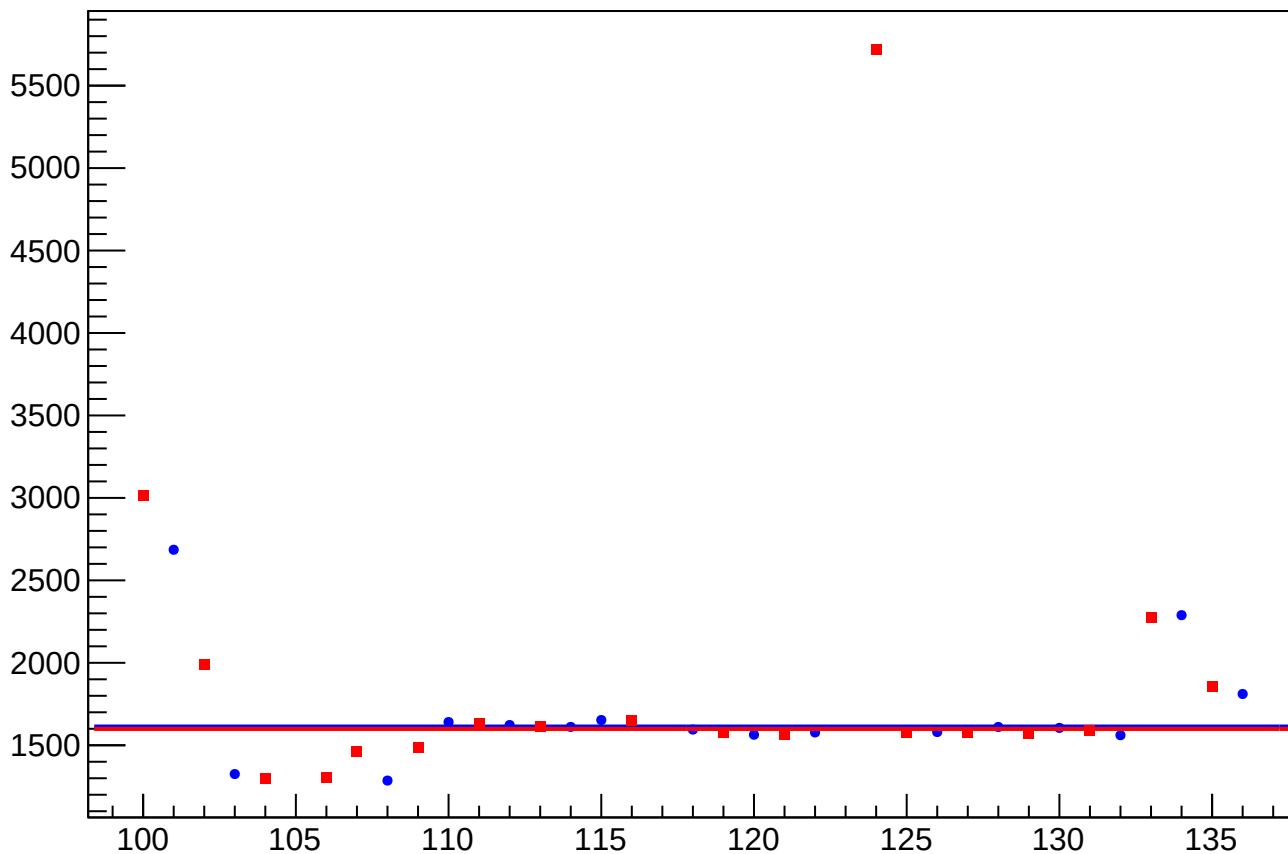
Right: 529.471+/-431.151 χ^2/NDF : 34.7/33

In: 1166.769+/-609.171 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 529.471+/-431.151 χ^2/NDF : 34.7/33

eigen_cor_asym_at2_dd_rms vs Slug, Sign Corrected



Right In: 1613.674 $\pm$ 0.431 χ^2 /NDF: 404688.8/15

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

Right Out: 1598.795 $\pm$ 0.432 χ^2 /NDF: 420622.3/17

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

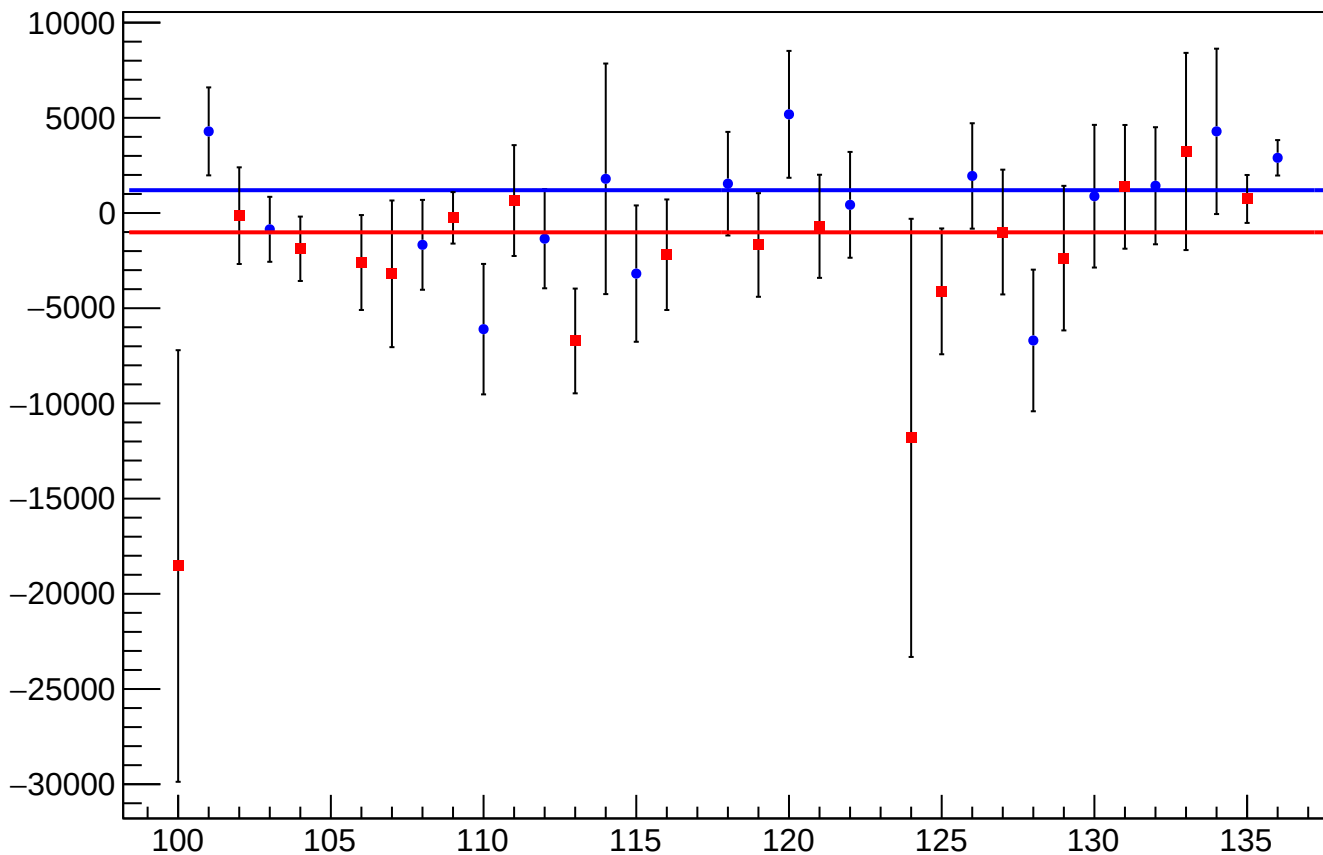
Right: 1606.248 $\pm$ 0.305 χ^2 /NDF: 825906.5/33

In: 1613.674 $\pm$ 0.431 χ^2 /NDF:404688.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1606.248 $\pm$ 0.305 χ^2 /NDF: 825906.5/33

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: -1014.117+/-581.941 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

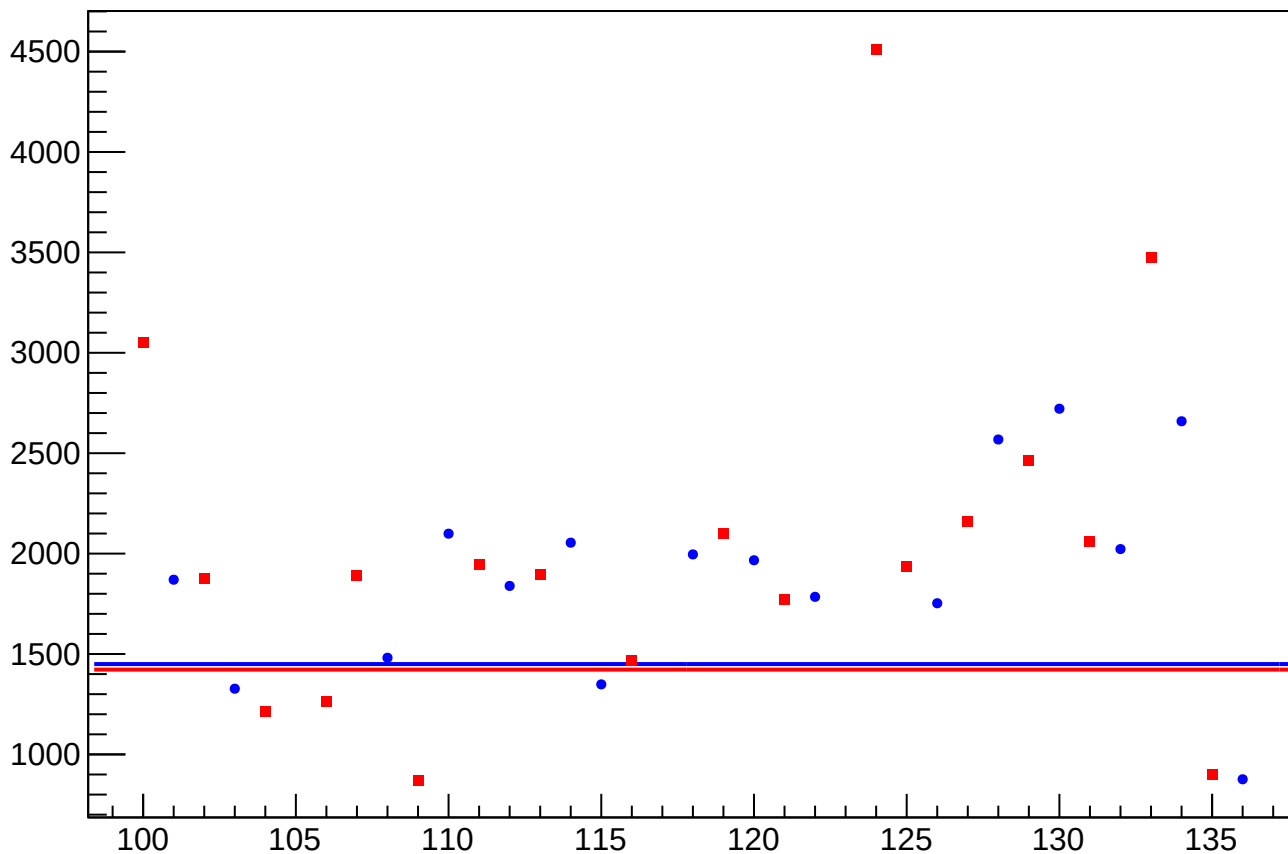
Right: 99.167+/-410.180 χ^2/NDF : 42.7/33

In: 1198.338+/-578.240 χ^2/NDF : 21.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.167+/-410.180 χ^2/NDF : 42.7/33

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: 1422.323+/-0.411 χ^2/NDF : 1968333.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

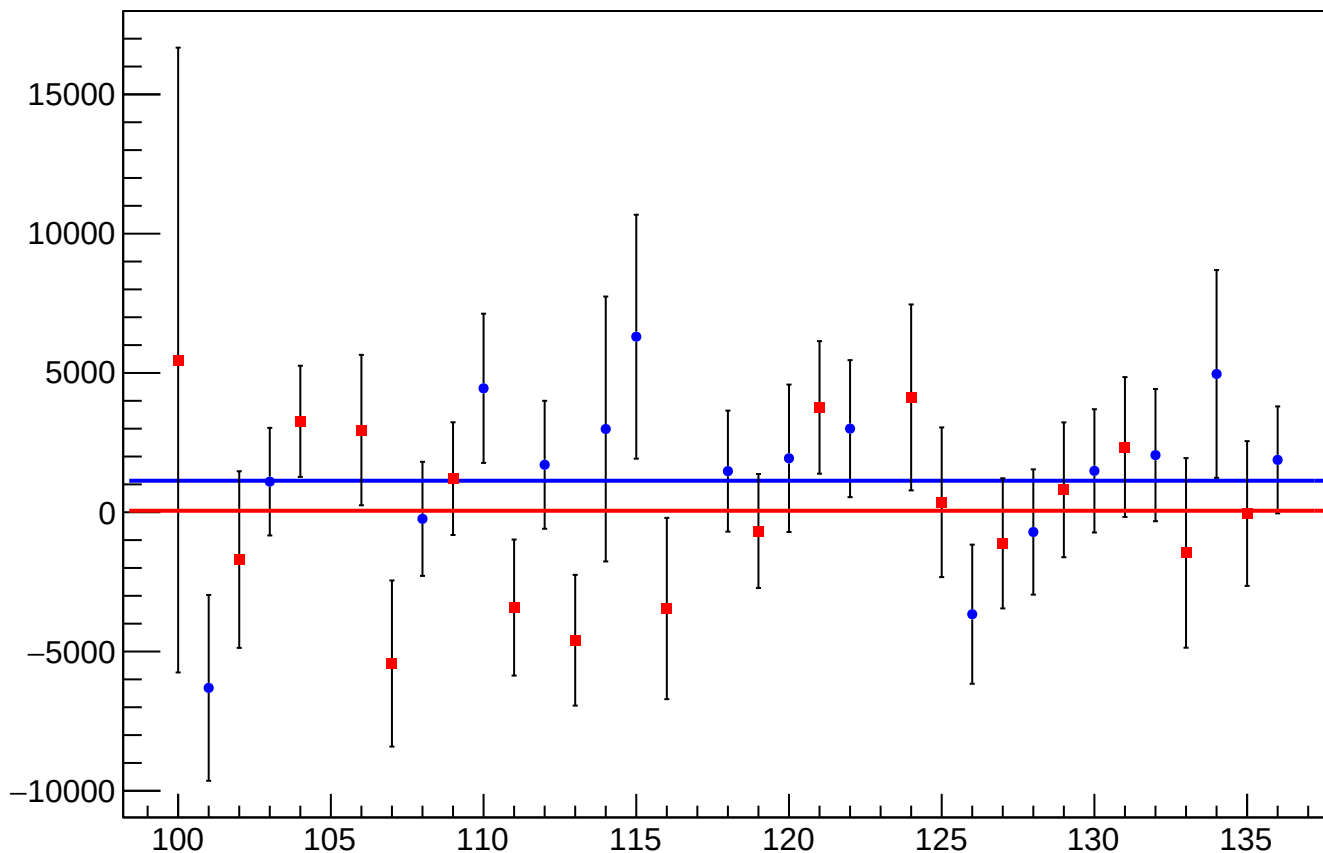
Right: 1436.219+/-0.290 χ^2/NDF : 3763272.7/33

In: 1449.939+/-0.409 χ^2/NDF :1792673.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1436.219+/-0.290 χ^2/NDF : 3763272.7/33

dit_asym_at2_dd_mean vs Slug, Sign Corrected



Right In: 1130.726+/-617.236 χ^2/NDF : 15.0/15

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

Right Out: 53.687+/-609.999 χ^2/NDF : 20.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

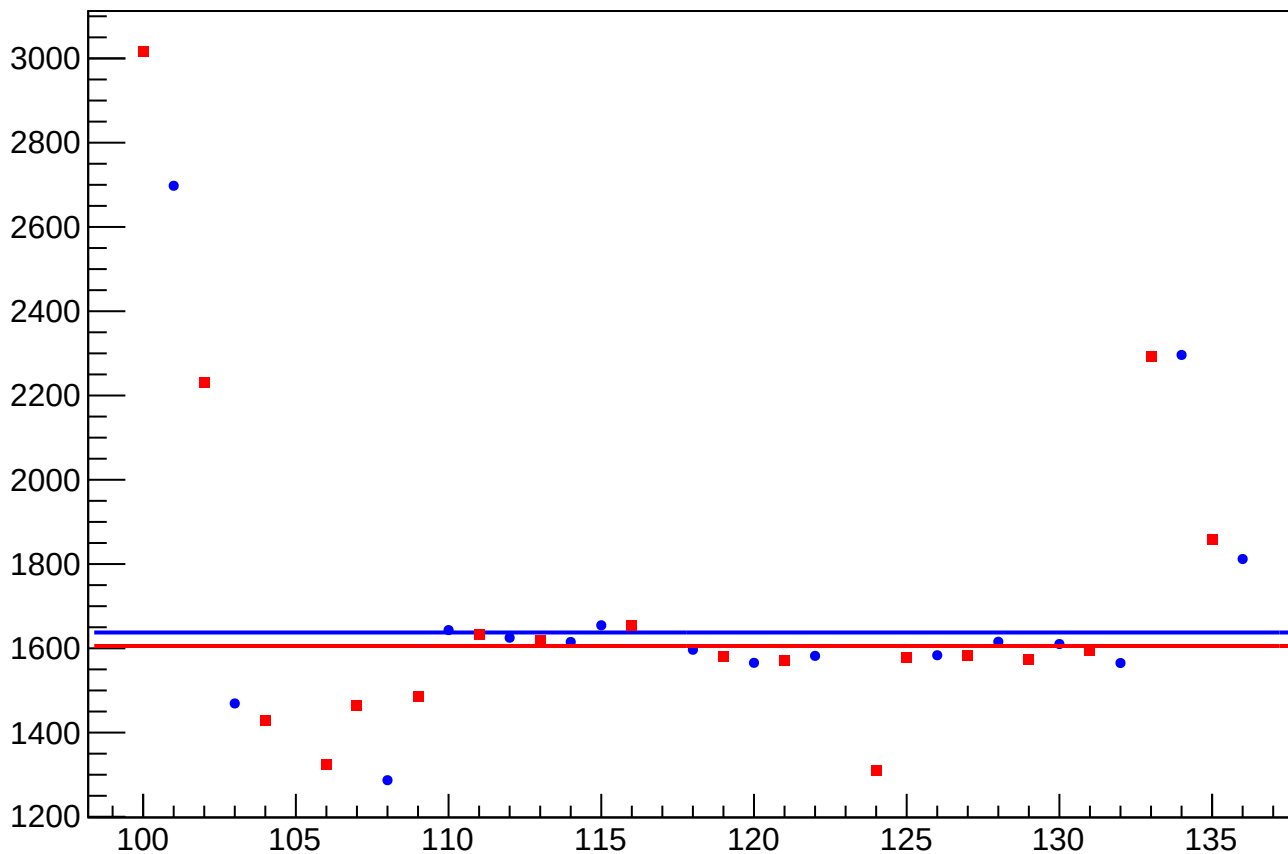
Right: 585.856+/-433.871 χ^2/NDF : 37.1/33

In: 1130.726+/-617.236 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.856+/-433.871 χ^2/NDF : 37.1/33

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: 1605.509+/-0.431 χ^2/NDF : 275919.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

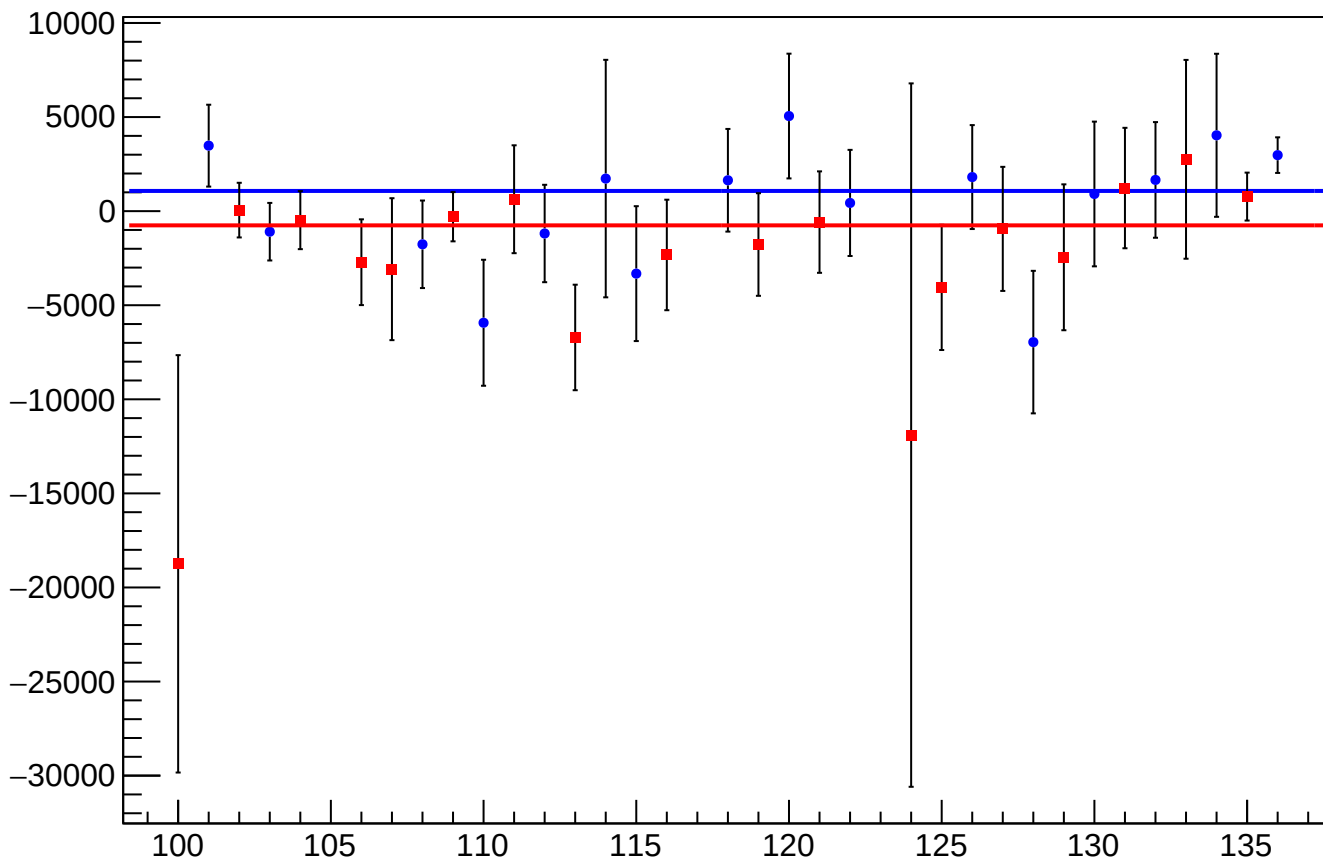
Right: 1621.352+/-0.307 χ^2/NDF : 640067.4/33

In: 1637.574+/-0.436 χ^2/NDF : 361417.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.352+/-0.307 χ^2/NDF : 640067.4/33

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: -755.541+/-543.307 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

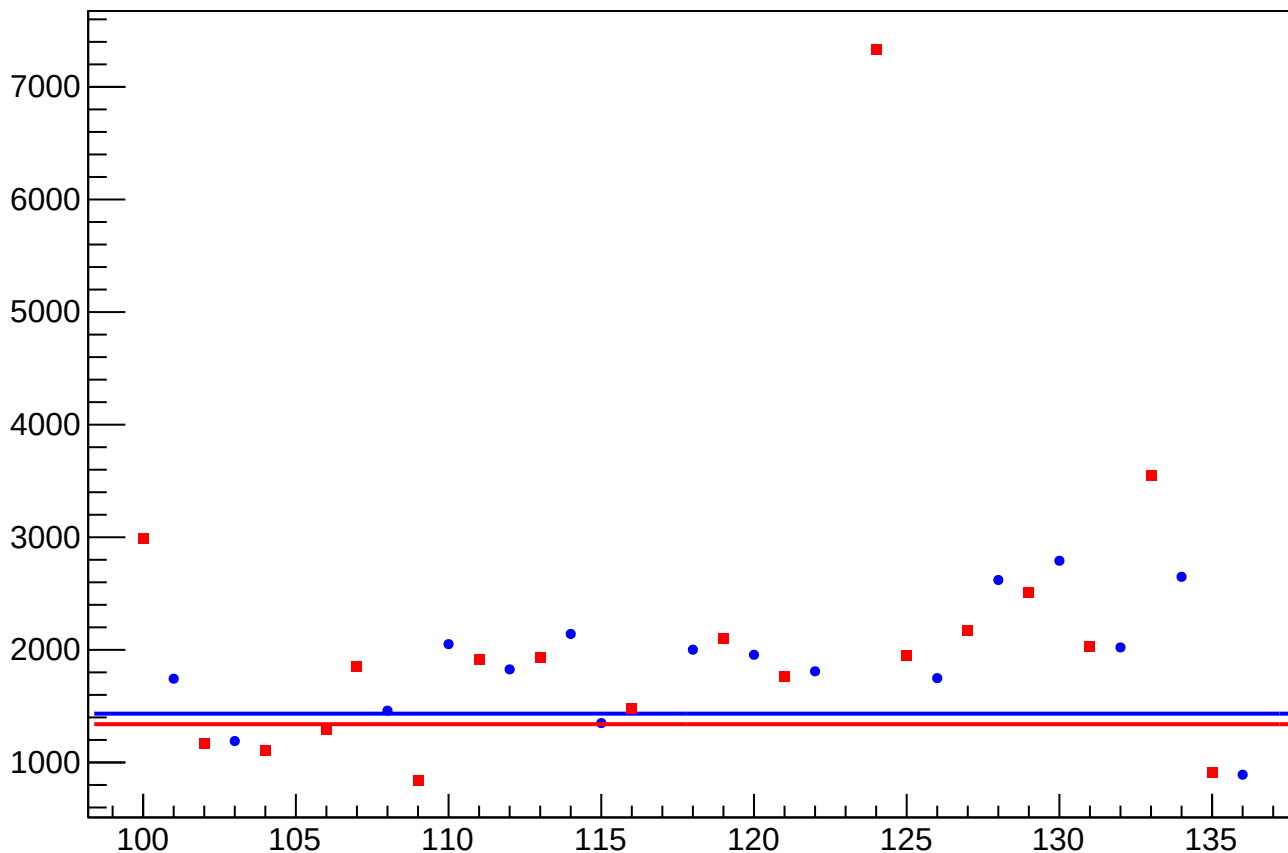
Right: 112.627+/-393.801 χ^2/NDF : 40.6/33

In: 1073.600+/-571.609 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.627+/-393.801 χ^2/NDF : 40.6/33

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: 1339.853+/-0.384 χ^2/NDF : 2081033.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

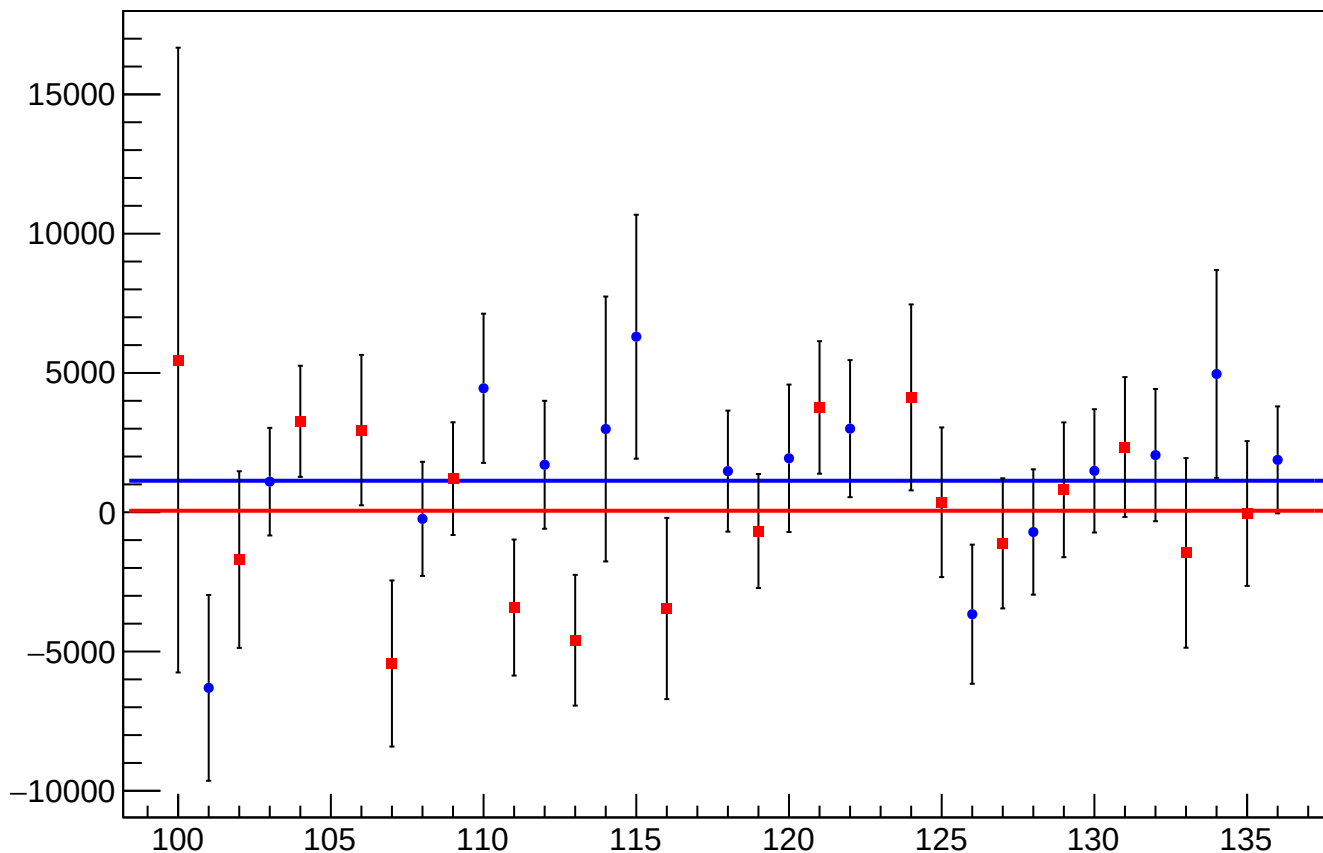
Right: 1384.290+/-0.278 χ^2/NDF : 3872713.3/33

In: 1433.477+/-0.404 χ^2/NDF : 1763491.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.290+/-0.278 χ^2/NDF : 3872713.3/33

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: 53.693+/-609.999 χ^2/NDF : 20.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

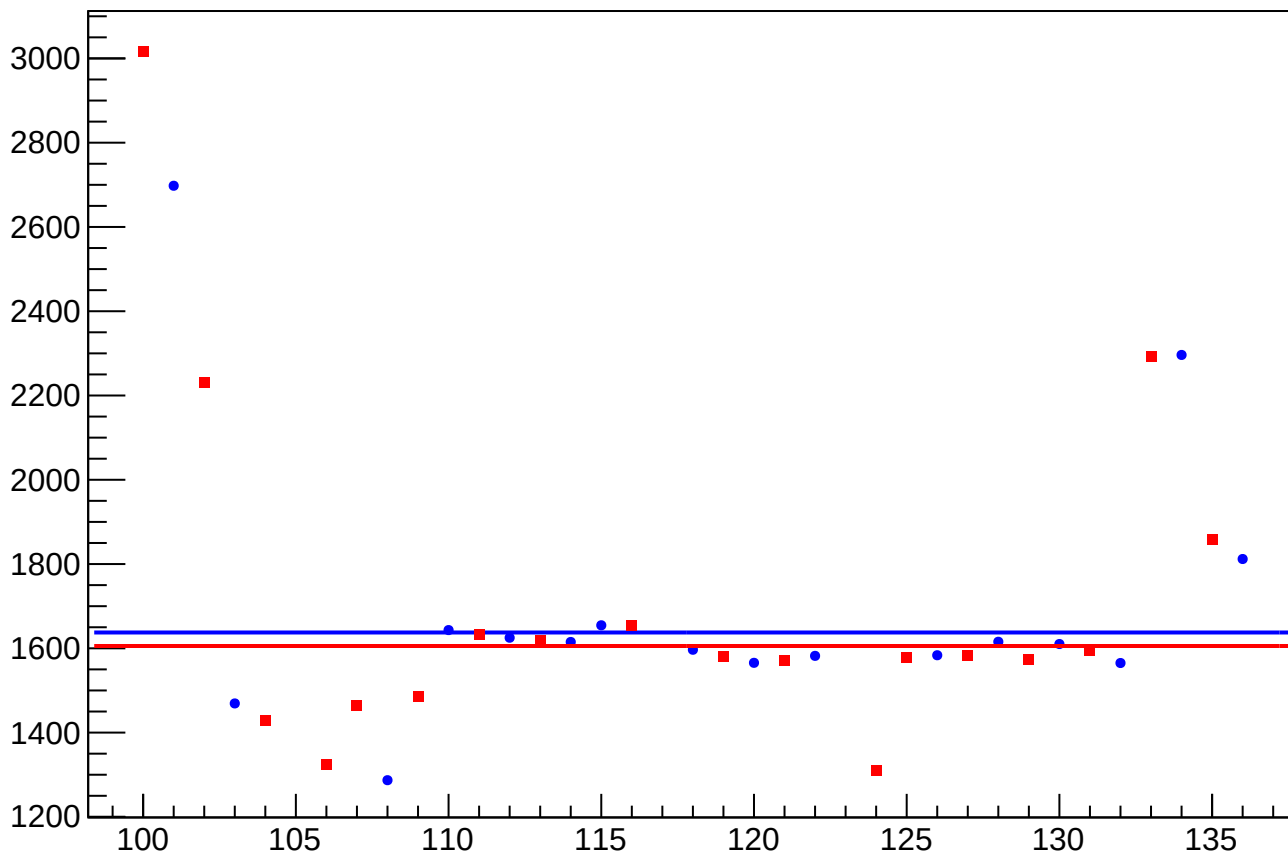
Right: 585.860+/-433.871 χ^2/NDF : 37.1/33

In: 1130.728+/-617.236 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 585.860+/-433.871 χ^2/NDF : 37.1/33

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: 1605.509+/-0.431 χ^2/NDF : 275920.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

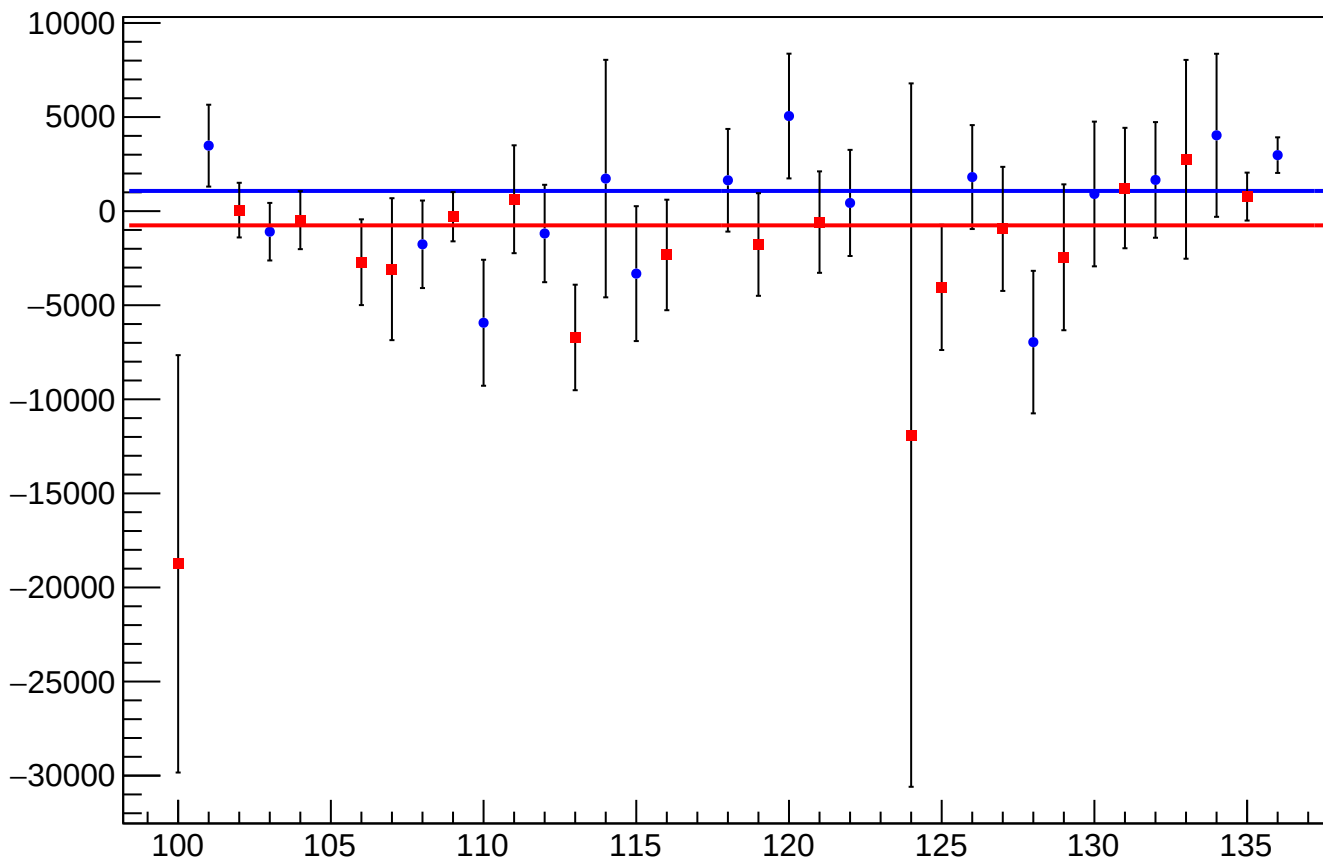
Right: 1621.352+/-0.307 χ^2/NDF : 640067.4/33

In: 1637.574+/-0.436 χ^2/NDF : 361416.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1621.352+/-0.307 χ^2/NDF : 640067.4/33

asym_at2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 1073.589+/-571.613 χ^2/NDF : 22.0/15

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

Right Out: -755.549+/-543.310 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

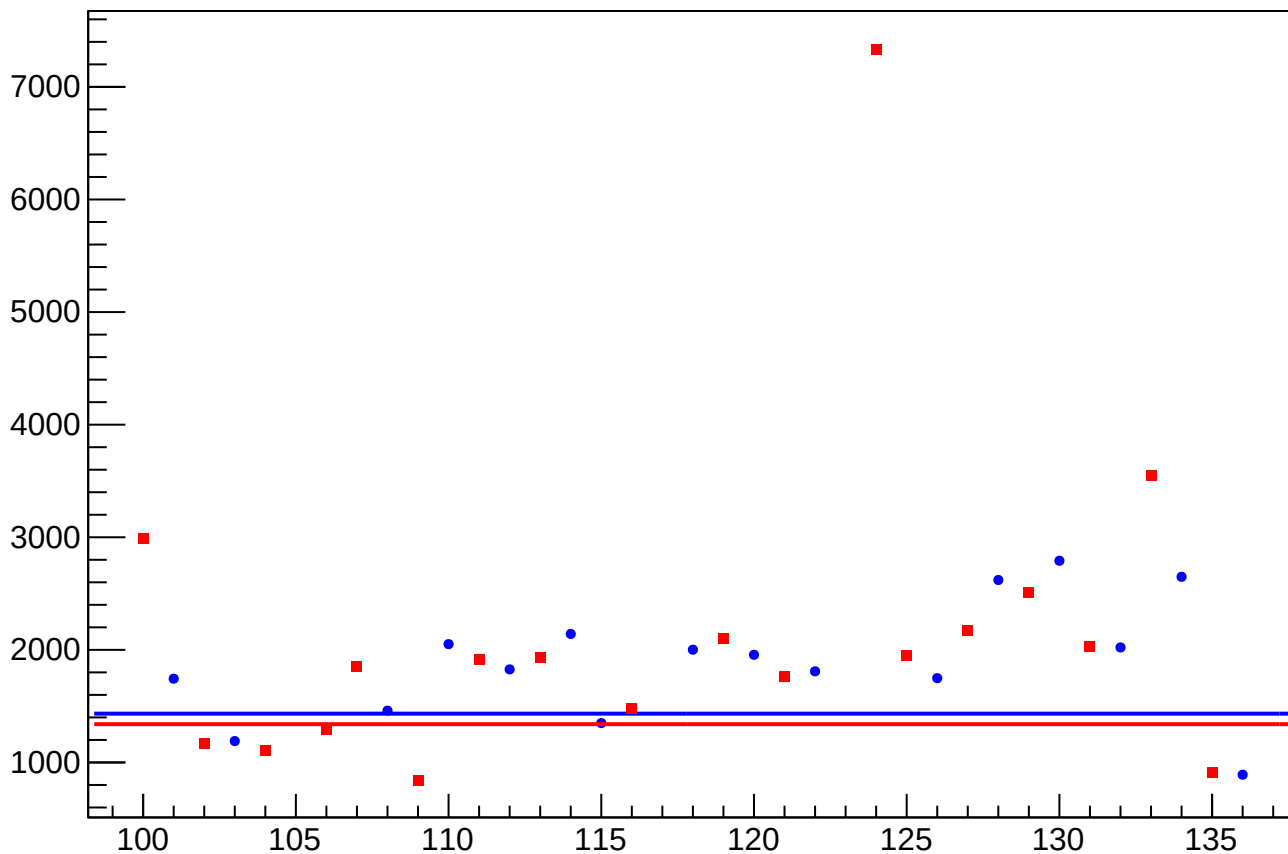
Right: 112.616+/-393.804 χ^2/NDF : 40.6/33

In: 1073.589+/-571.613 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.616+/-393.804 χ^2/NDF : 40.6/33

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: 1339.864+/-0.384 χ^2/NDF : 2080969.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

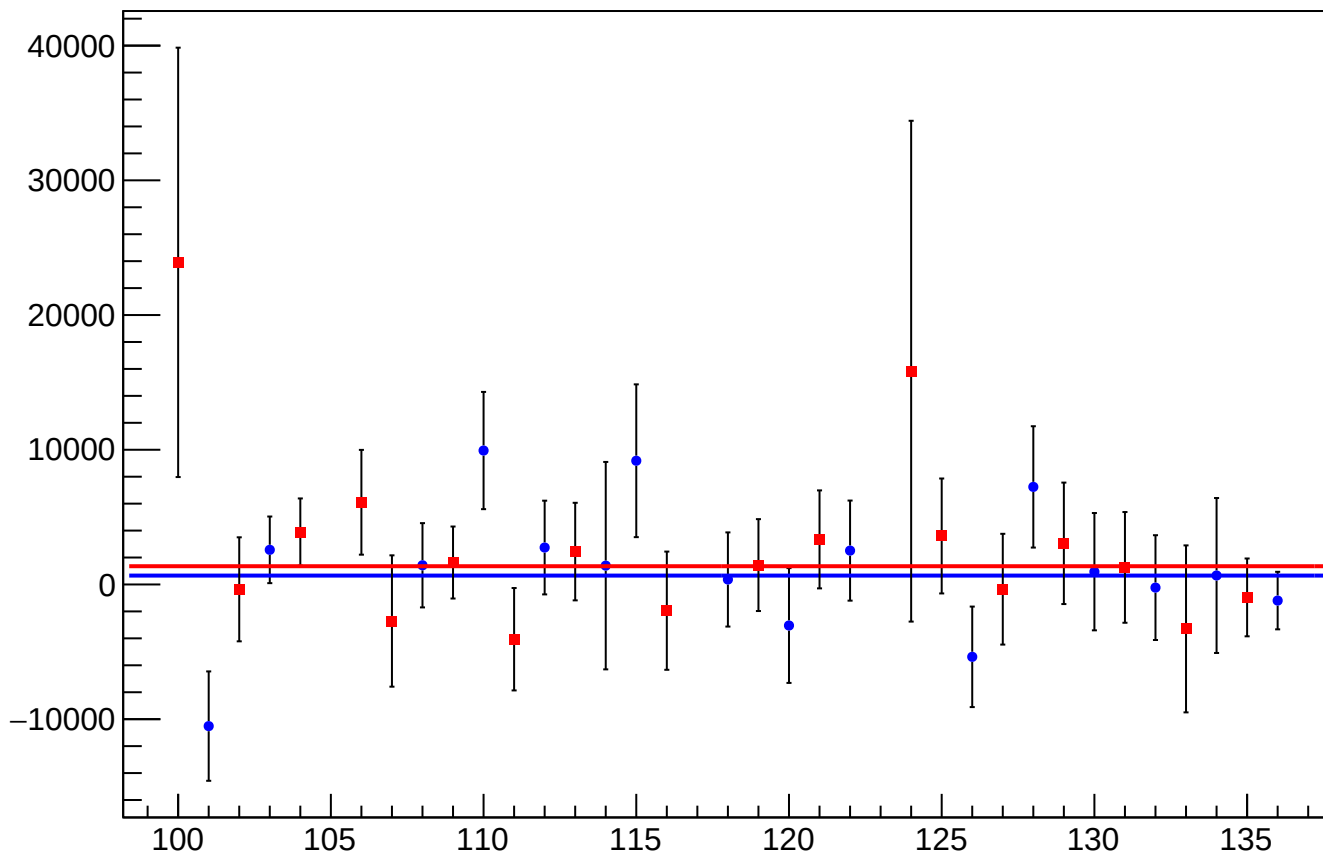
Right: 1384.303+/-0.278 χ^2/NDF : 3872557.7/33

In: 1433.492+/-0.404 χ^2/NDF : 1763397.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.303+/-0.278 χ^2/NDF : 3872557.7/33

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: 1355.046+/-909.016 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

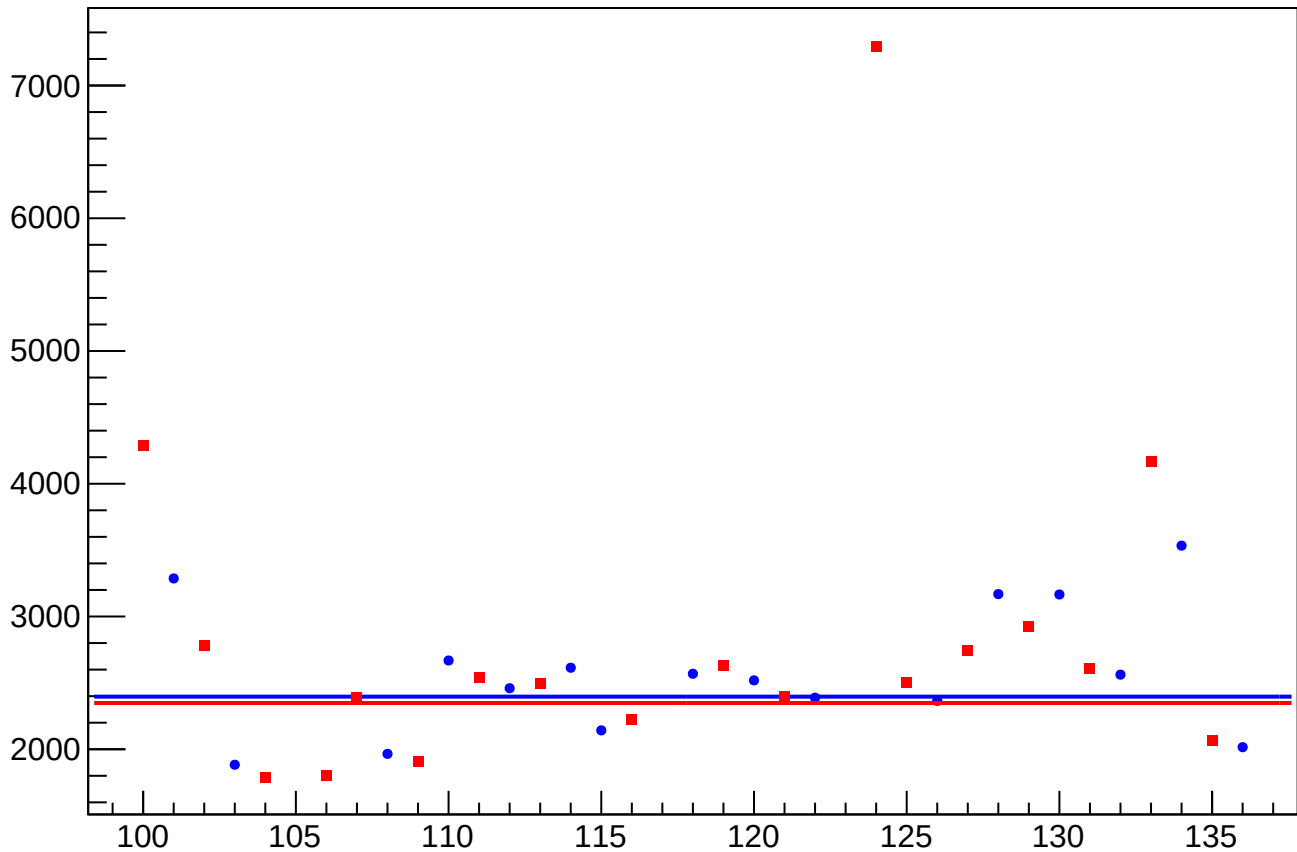
Right: 1007.464+/-642.967 χ^2/NDF : 33.1/33

In: 659.458+/-909.570 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.464+/-642.967 χ^2/NDF : 33.1/33

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: 2348.585+/-0.643 χ^2/NDF : 669768.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

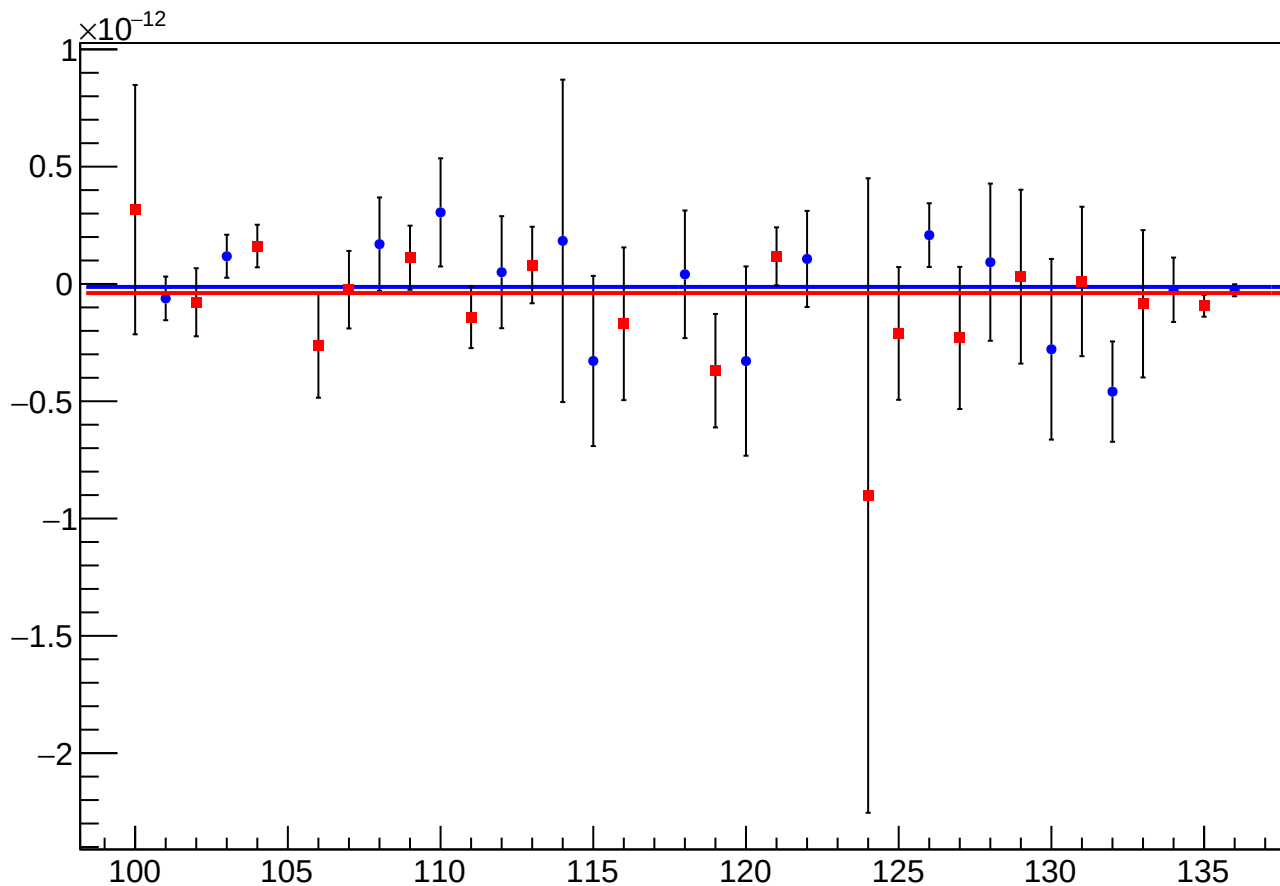
Right: 2372.416+/-0.455 χ^2/NDF : 1180416.2/33

In: 2396.276+/-0.643 χ^2/NDF : 507897.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2372.416+/-0.455 χ^2/NDF : 1180416.2/33

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 : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

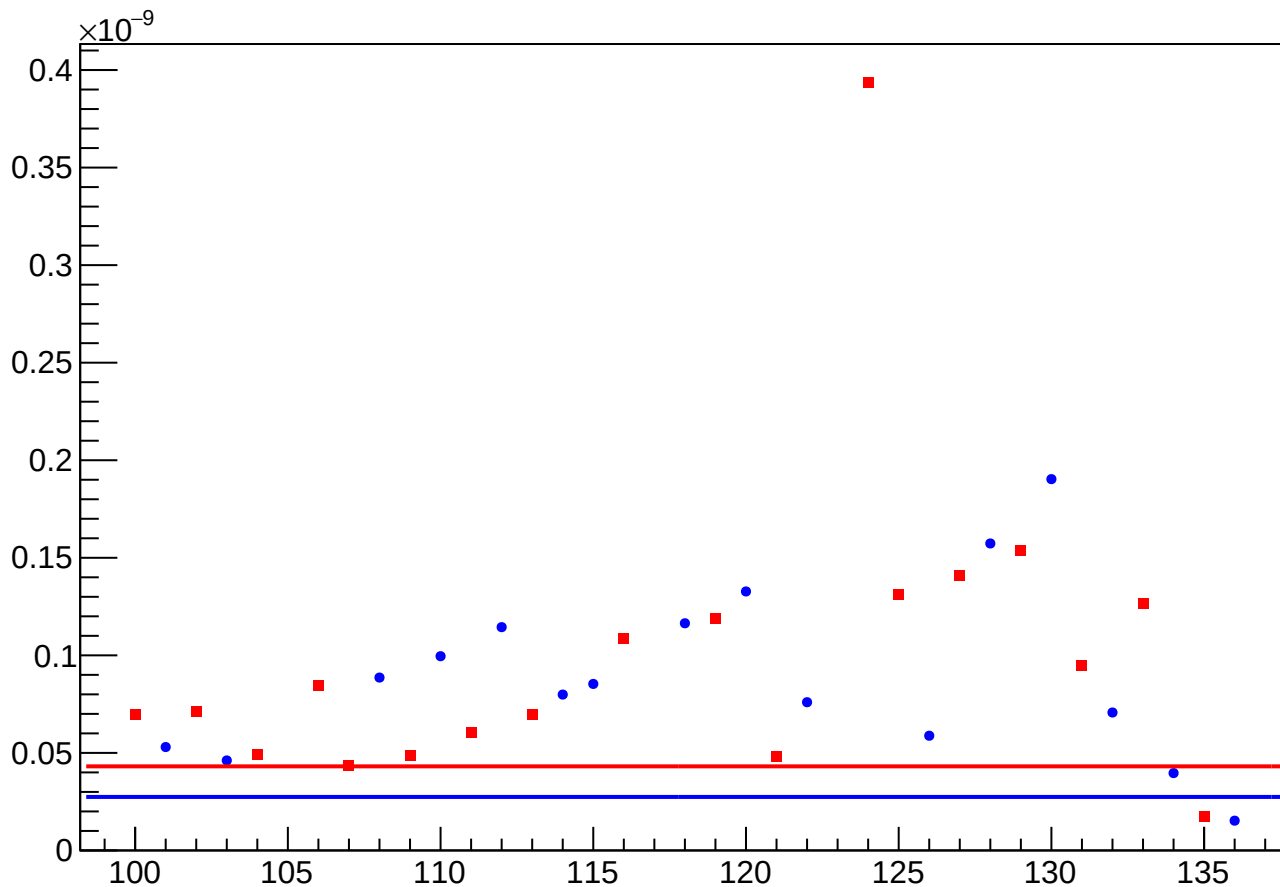
Right: -0.000+/-0.000 χ^2/NDF : 30.4/33

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 : 30.4/33

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 : 2052574.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

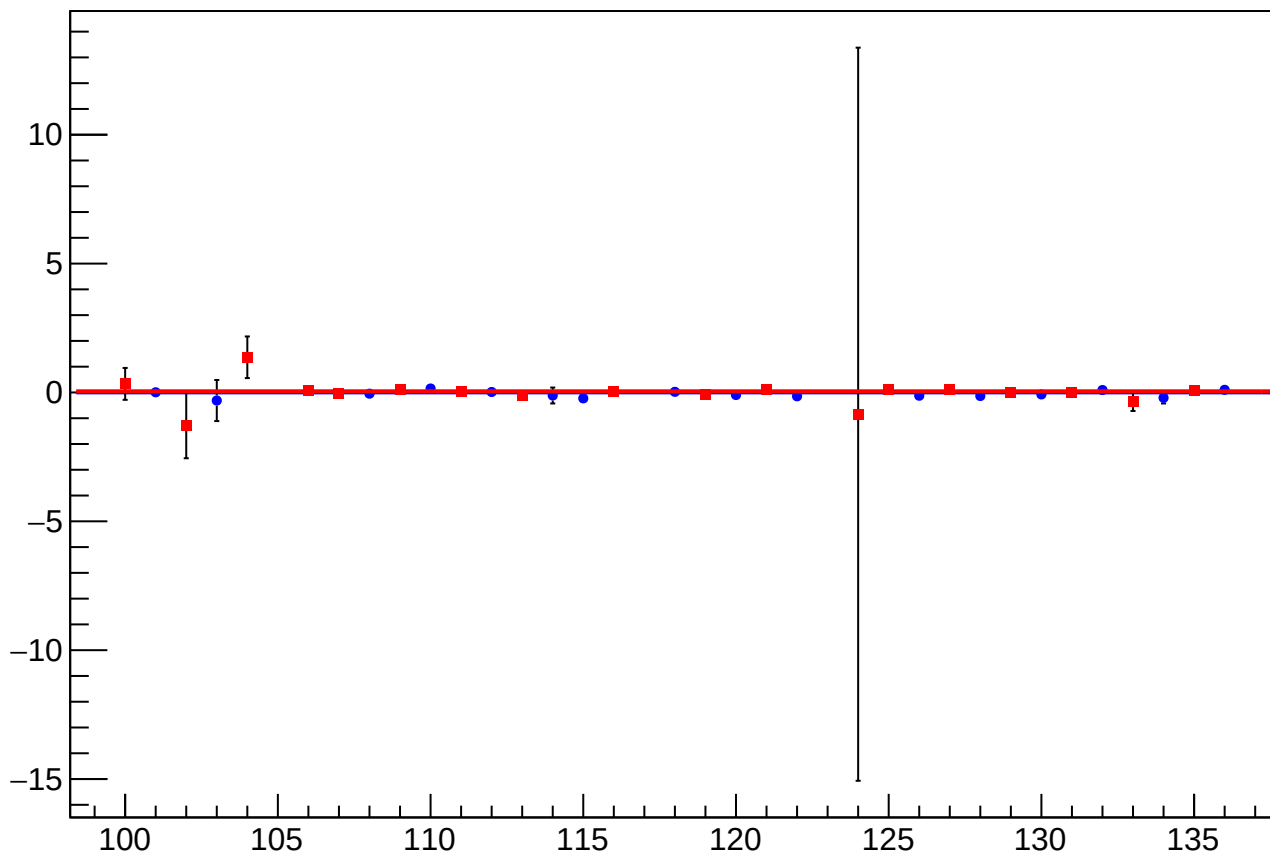
Right: 0.000+/-0.000 χ^2/NDF : 5107263.6/33

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 : 5107263.6/33

asym_at2_dd_dit_vs_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: 0.045 $\pm$ 0.025 χ^2 /NDF: 12.6/17

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

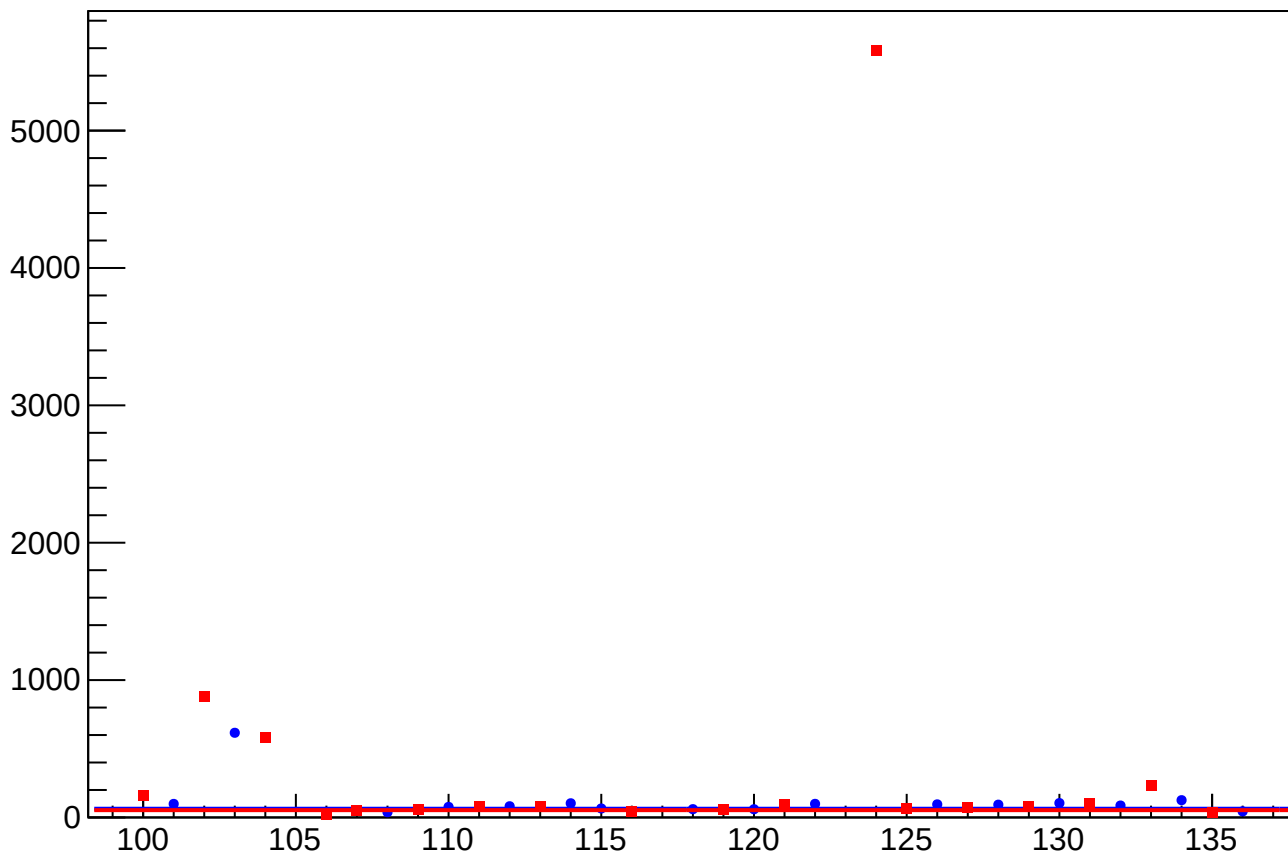
Right: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 53.187+/-0.018 χ^2/NDF : 3945751.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

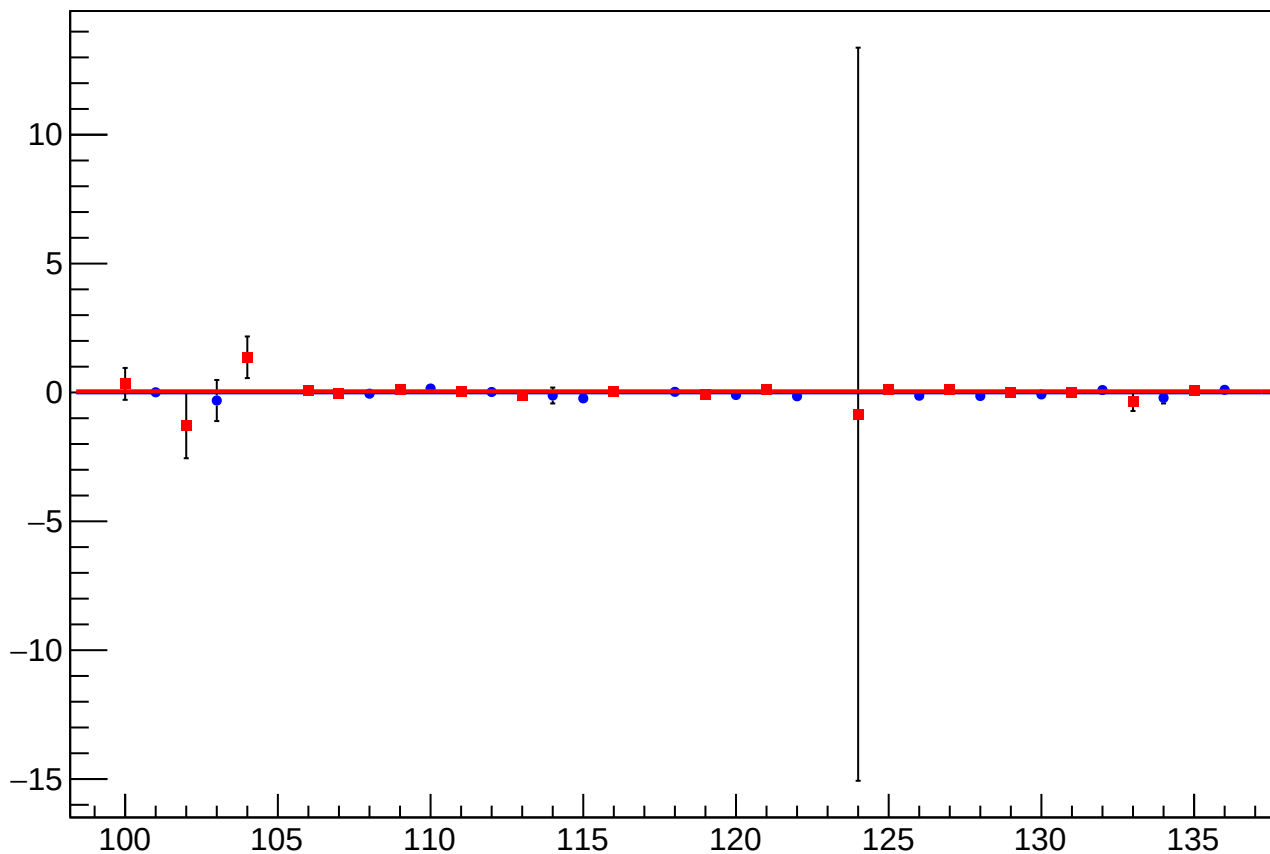
Right: 57.957+/-0.013 χ^2/NDF : 6543435.2/33

In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.957+/-0.013 χ^2/NDF : 6543435.2/33

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: 0.045 $\pm$ 0.025 χ^2 /NDF: 12.6/17

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

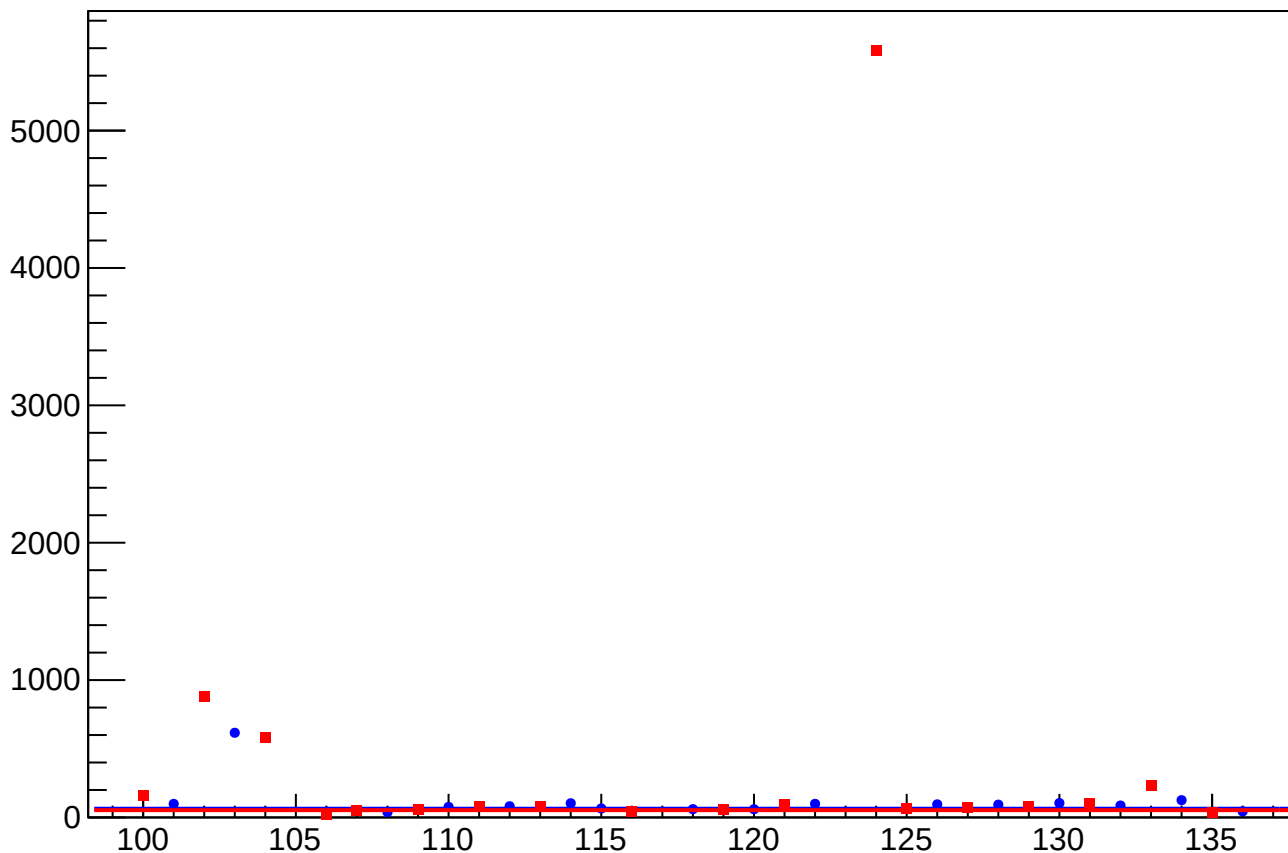
Right: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 53.187+/-0.018 χ^2/NDF : 3945751.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

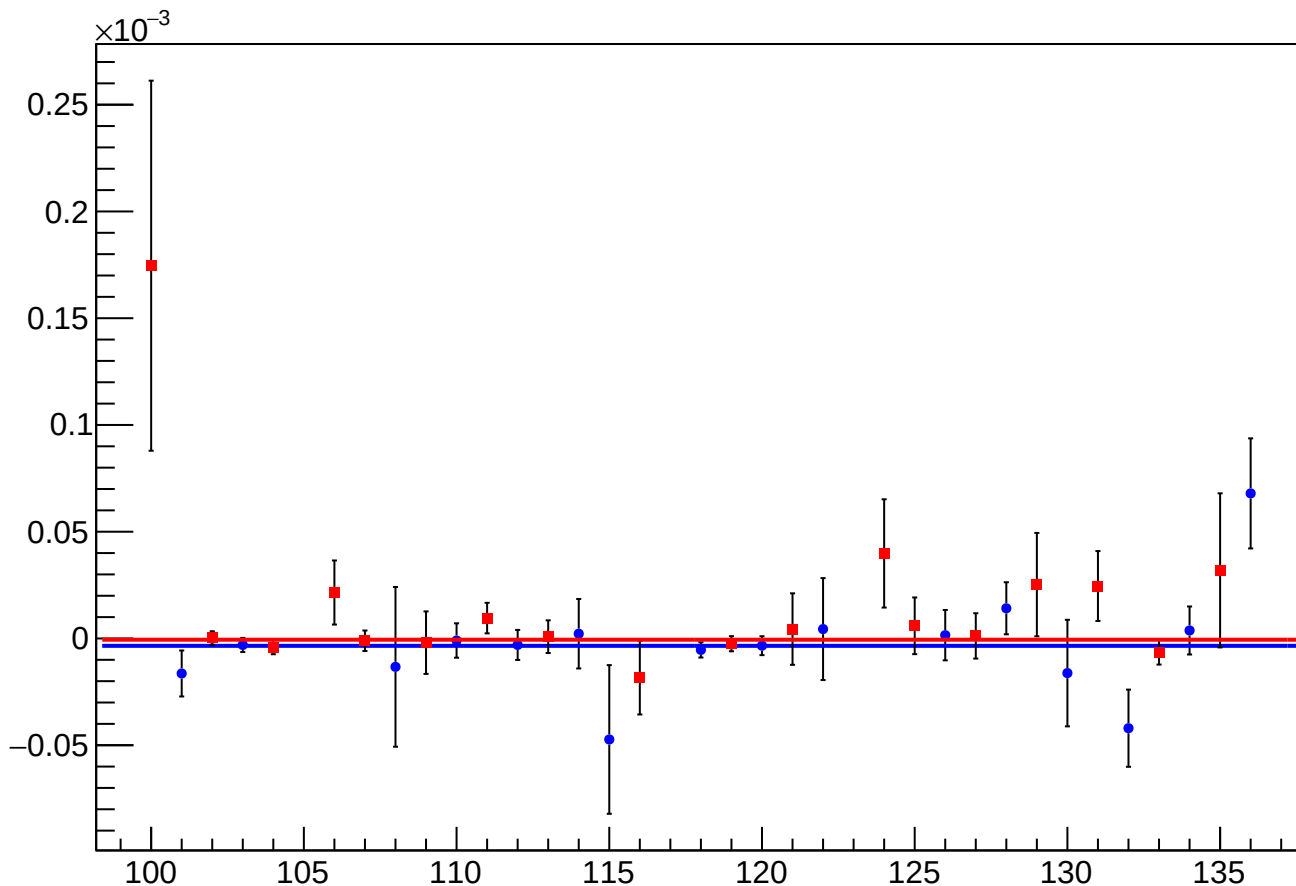
Right: 57.957+/-0.013 χ^2/NDF : 6543435.2/33

In: 63.454+/-0.019 χ^2/NDF : 2445255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.957+/-0.013 χ^2/NDF : 6543435.2/33

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 : 19.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

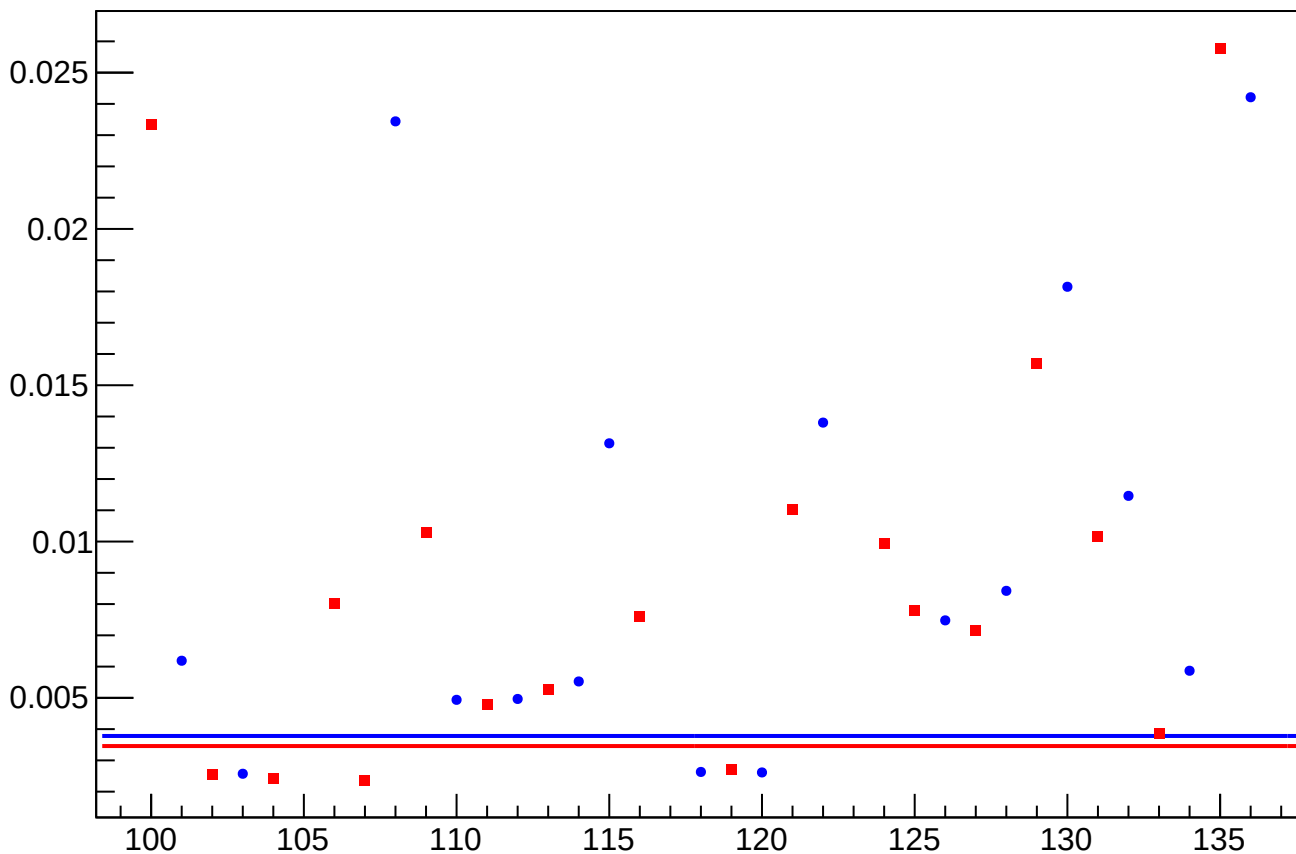
Right: -0.000+/-0.000 χ^2/NDF : 39.4/33

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 : 39.4/33

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 : 4200966.7/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 8956875.3/33

In: 0.004+/-0.000

χ^2/NDF : 4719536.5/15

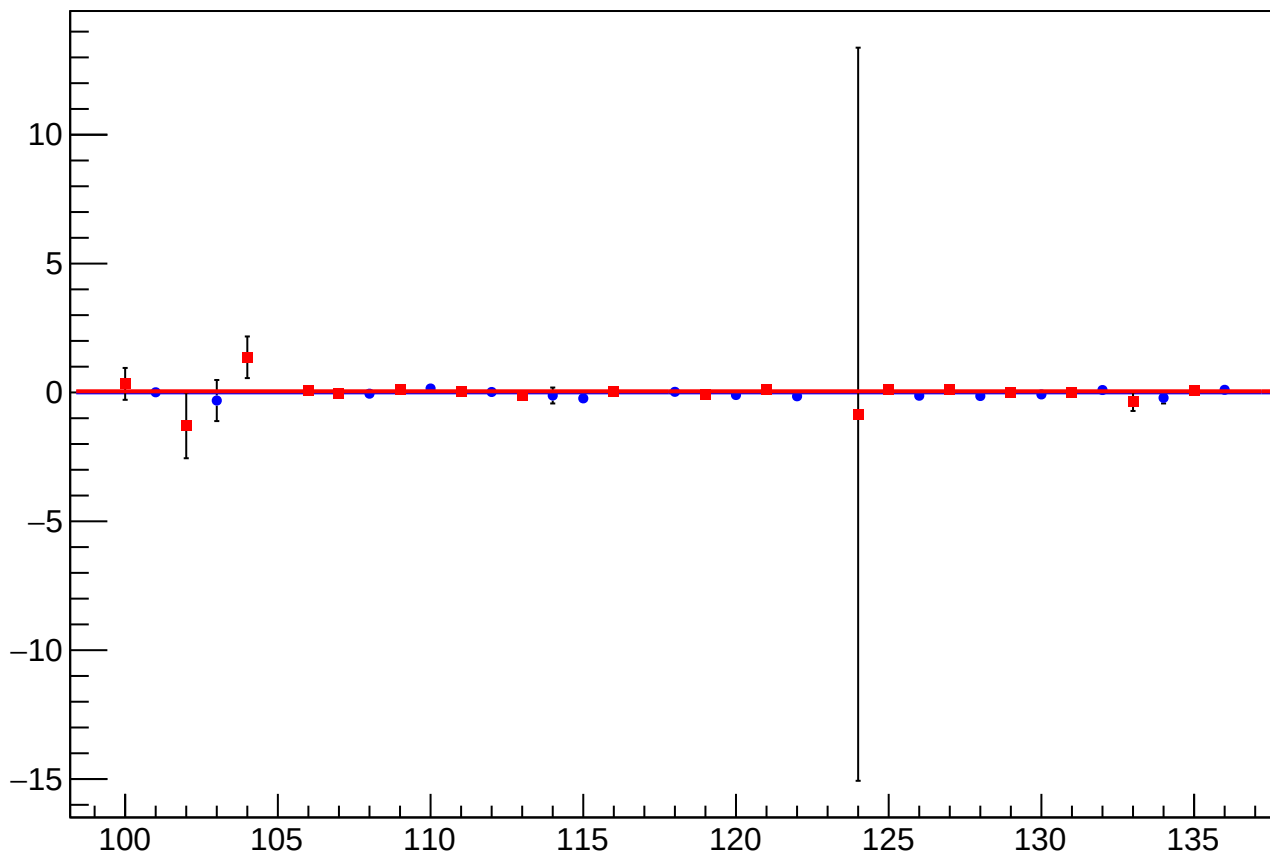
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 8956875.3/33

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: 0.045+/-0.025 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

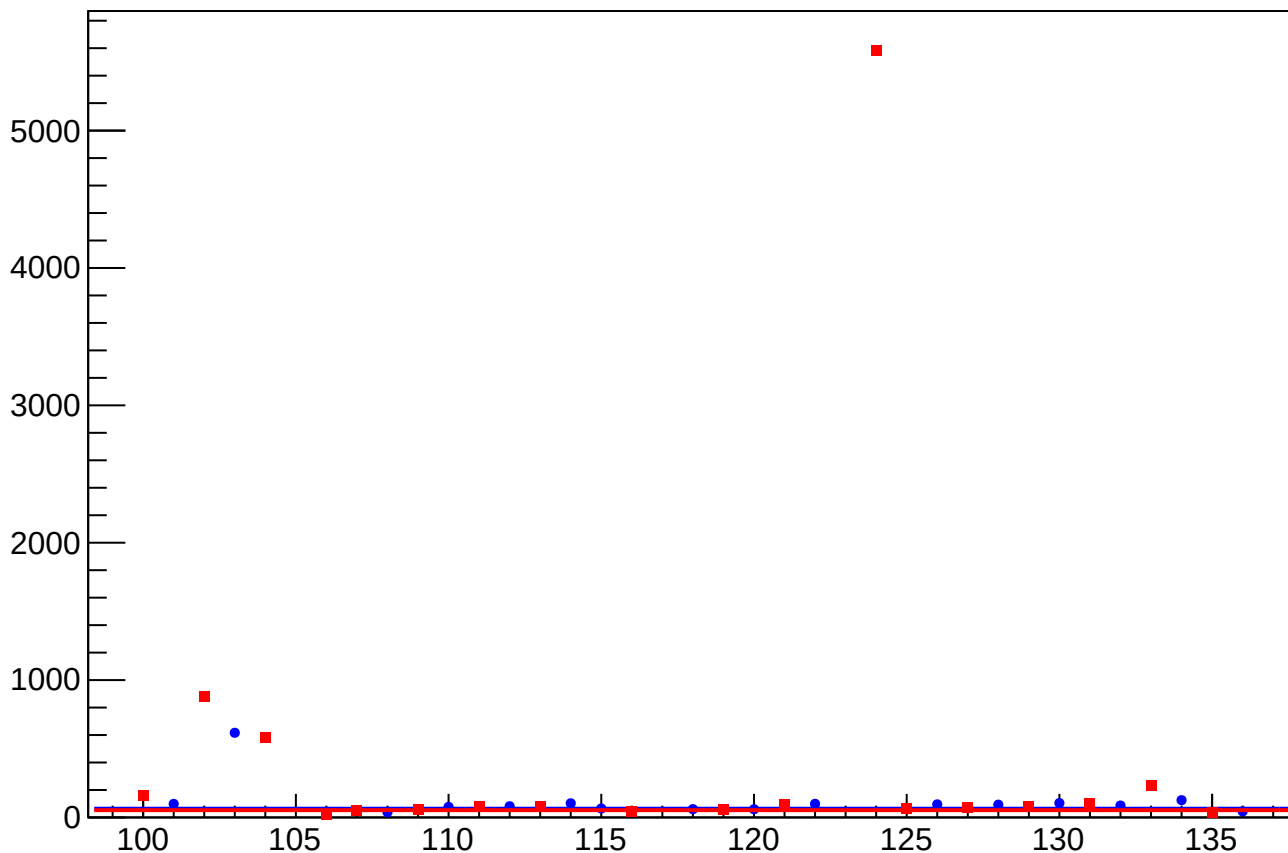
Right: 0.026+/-0.019 χ^2/NDF : 27.1/33

In: 0.003+/-0.027 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.026+/-0.019 χ^2/NDF : 27.1/33

asym_at2_dd_eigen_dit_vs_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: 53.182+/-0.018 χ^2/NDF : 3946299.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

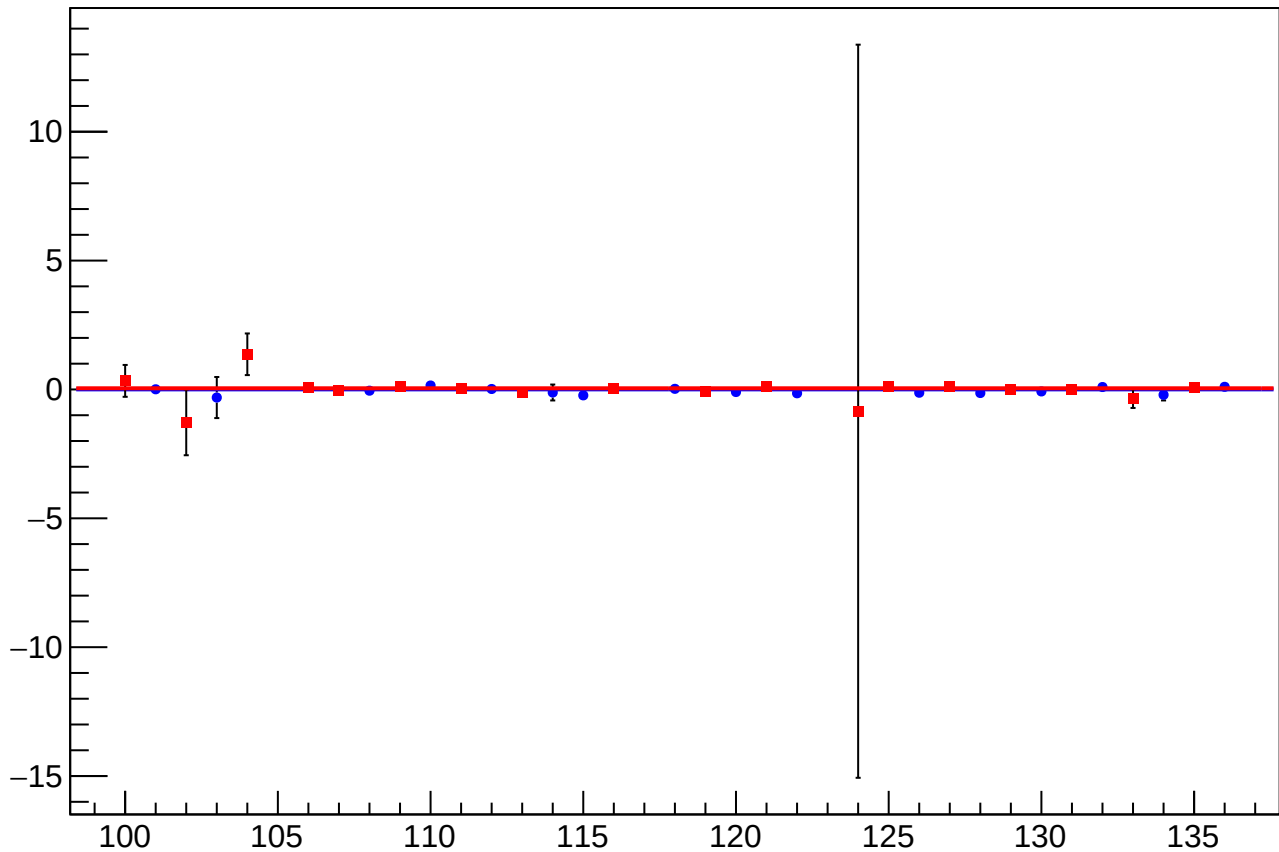
Right: 57.957+/-0.013 χ^2/NDF : 6543506.6/33

In: 63.463+/-0.019 χ^2/NDF : 2444357.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.957+/-0.013 χ^2/NDF : 6543506.6/33

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: 0.045 $\pm$ 0.025 χ^2 /NDF: 12.6/17

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

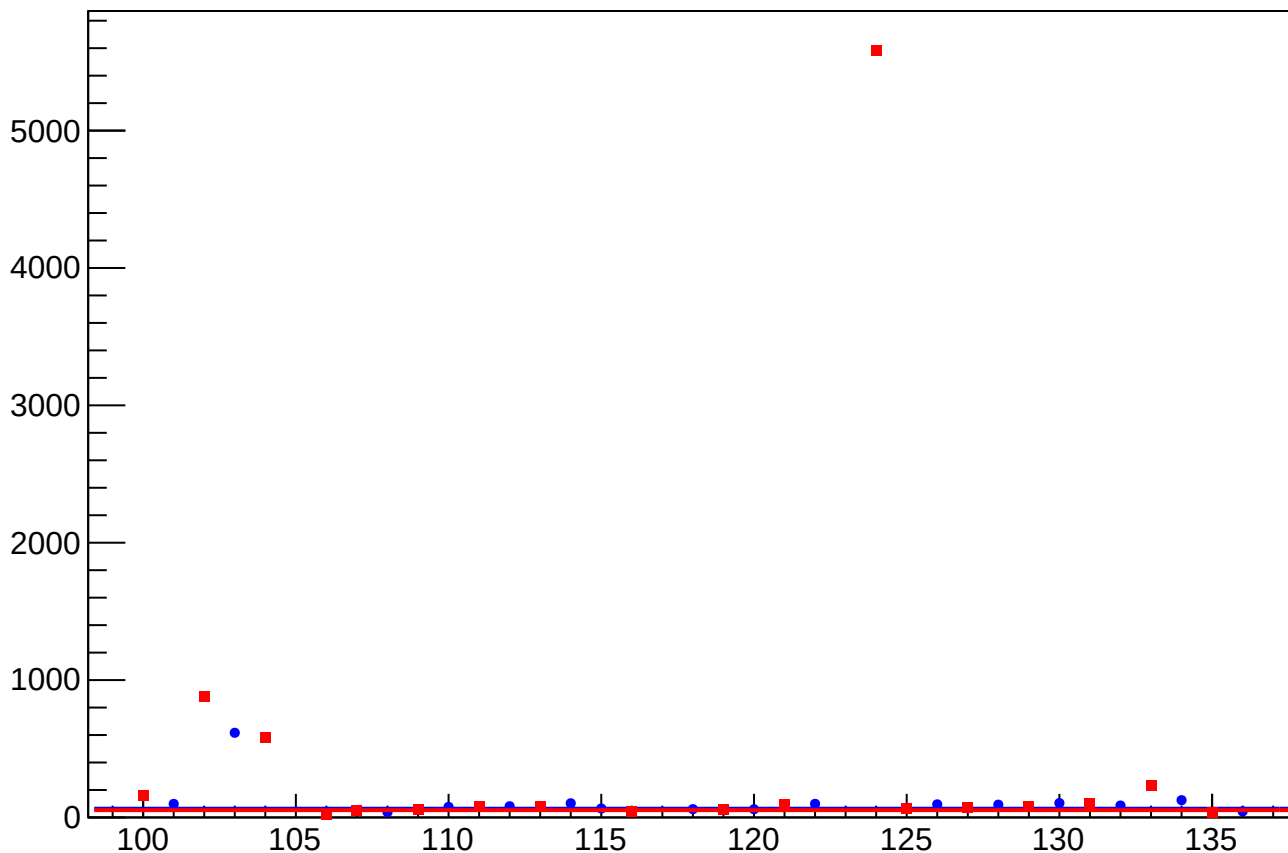
Right: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 0.026 $\pm$ 0.019 χ^2 /NDF: 27.1/33

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: 53.182+/-0.018 χ^2/NDF : 3946299.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

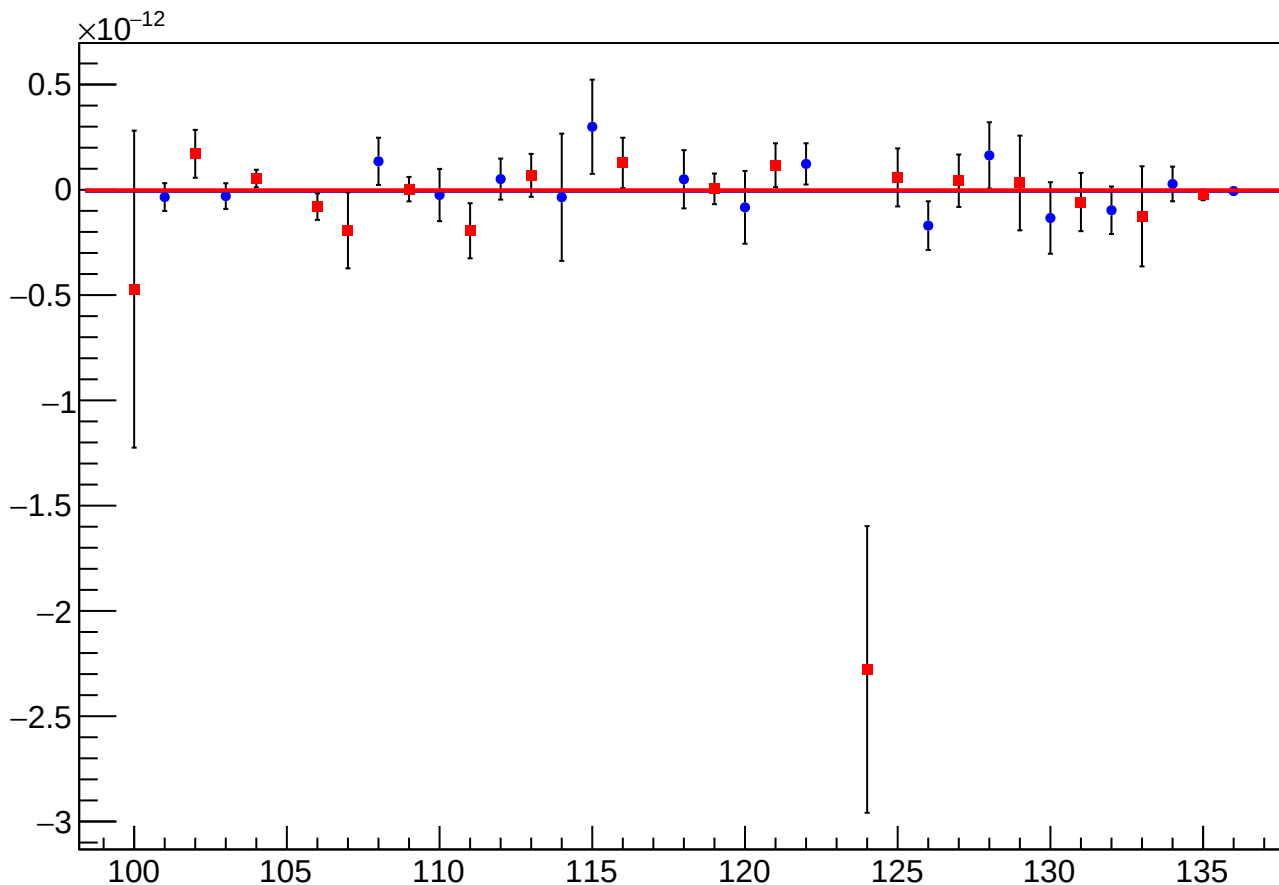
Right: 57.957+/-0.013 χ^2/NDF : 6543506.6/33

In: 63.463+/-0.019 χ^2/NDF : 2444357.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.957+/-0.013 χ^2/NDF : 6543506.6/33

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: 25.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

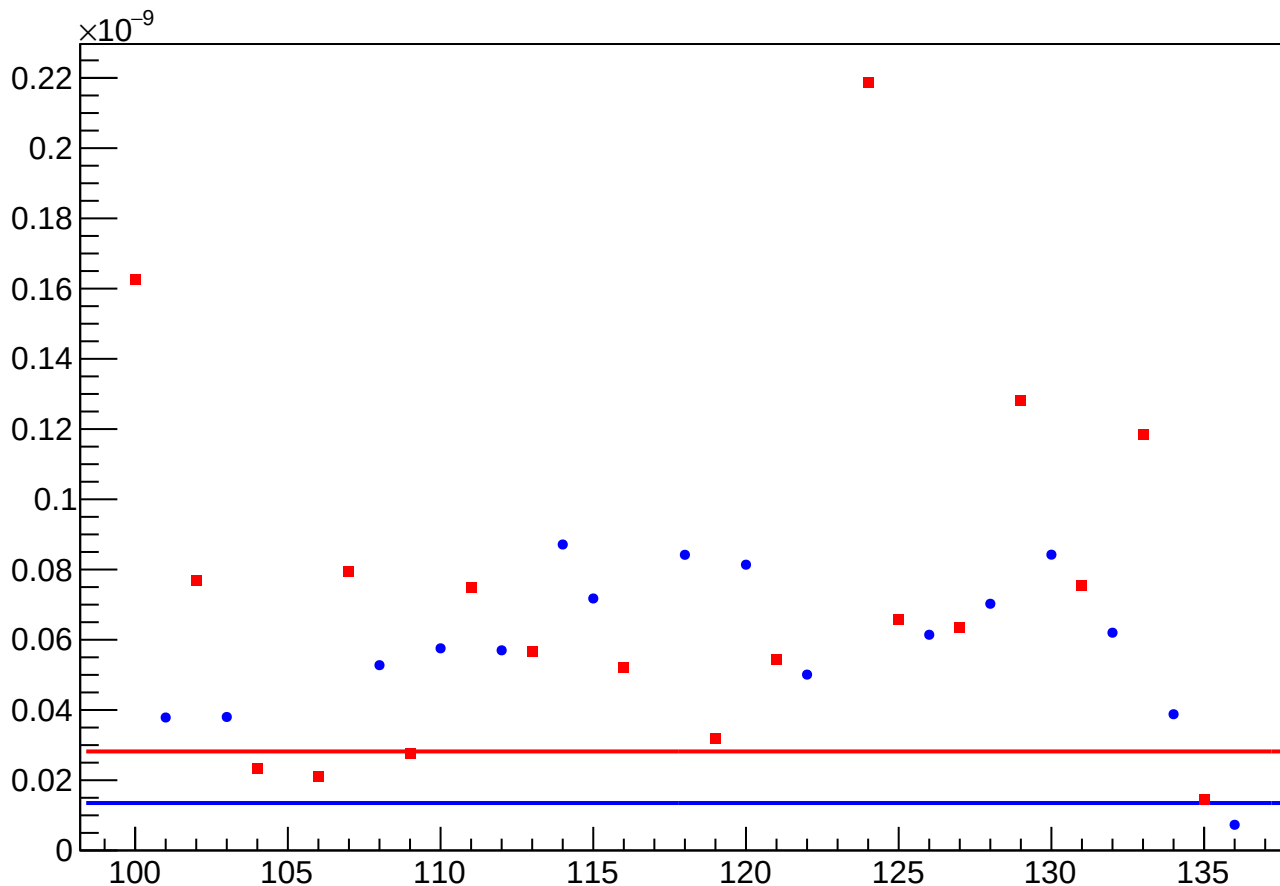
Right: -0.000+/-0.000 χ^2 /NDF: 35.9/33

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: 35.9/33

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 : 3241830.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

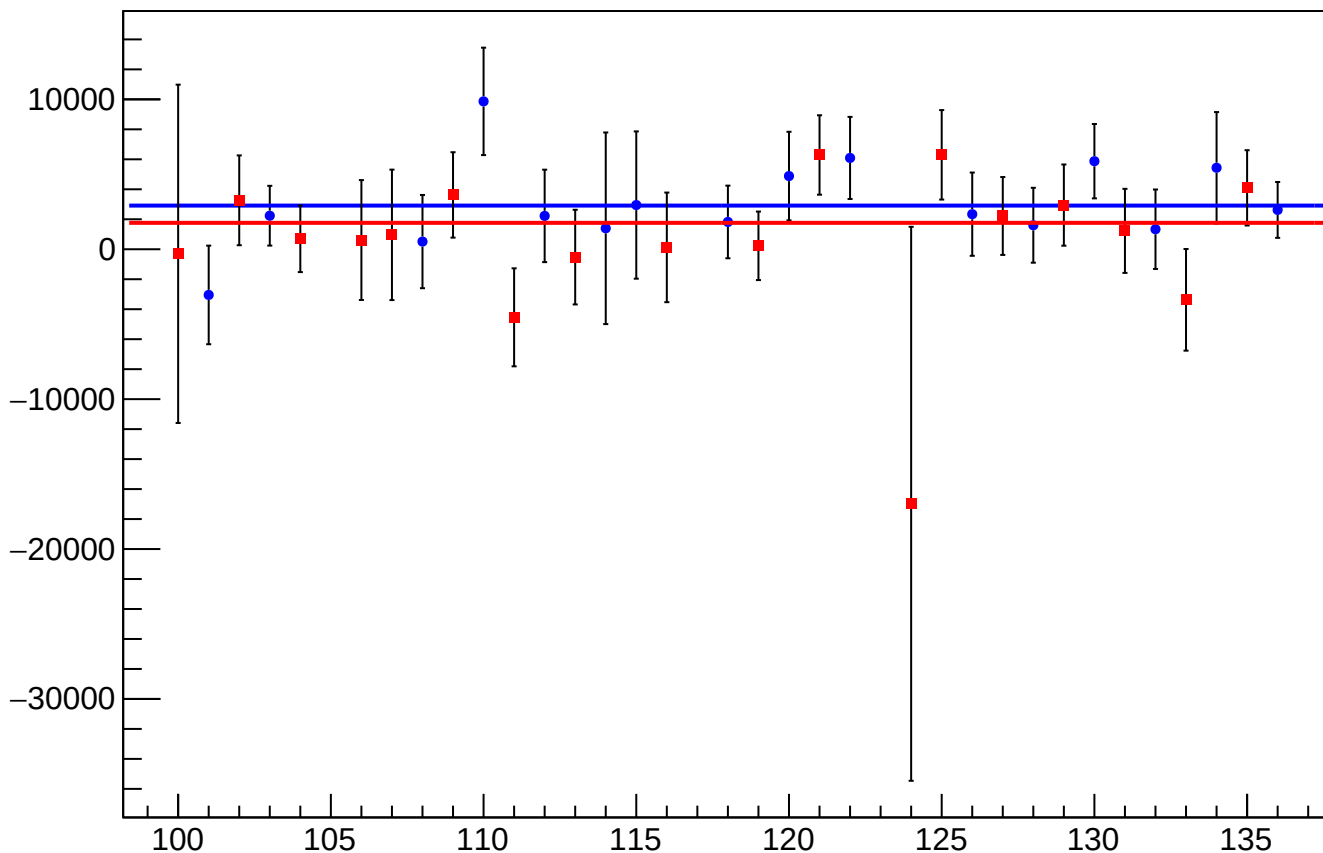
Right: 0.000+/-0.000 χ^2/NDF : 9347315.5/33

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 : 9347315.5/33

reg_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2912.991+/-695.062 χ^2/NDF : 12.4/15

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

Right Out: 1762.105+/-718.762 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

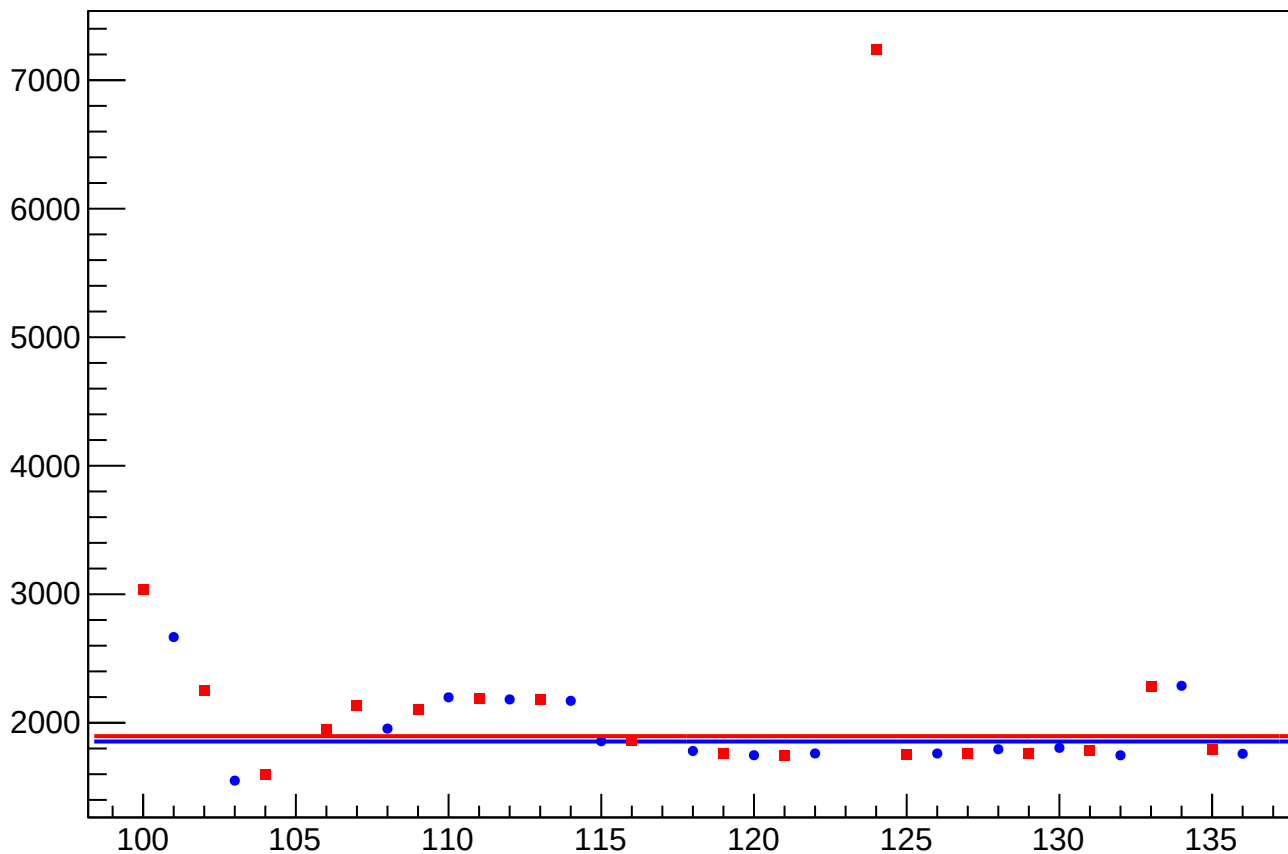
Right: 2356.834+/-499.651 χ^2/NDF : 29.4/33

In: 2912.991+/-695.062 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.834+/-499.651 χ^2/NDF : 29.4/33

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: 1896.101+/-0.507 χ^2/NDF : 361499.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

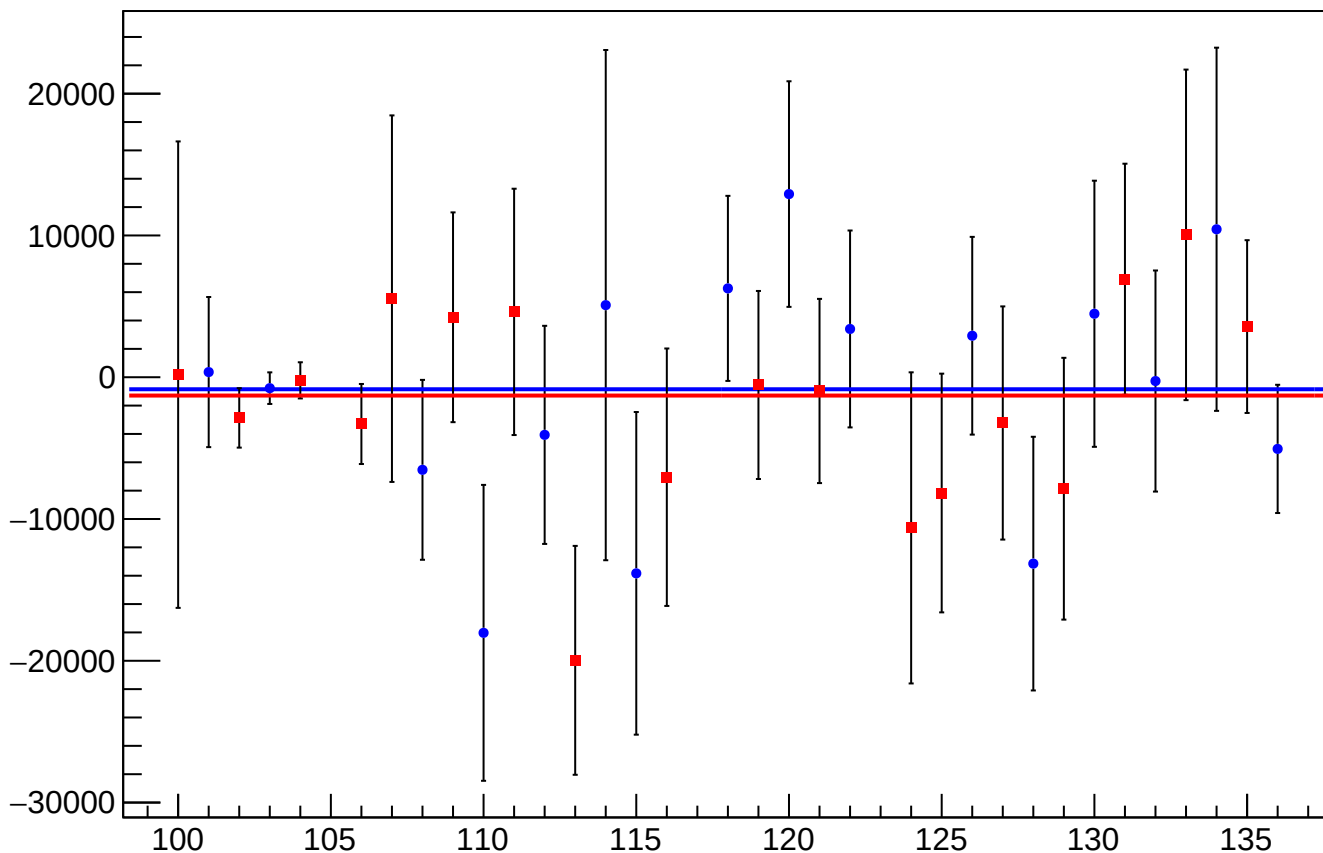
Right: 1874.557+/-0.353 χ^2/NDF : 628324.6/33

In: 1854.314+/-0.491 χ^2/NDF : 263322.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.557+/-0.353 χ^2/NDF : 628324.6/33

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: -1292.363+/-920.169 χ^2/NDF : 13.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

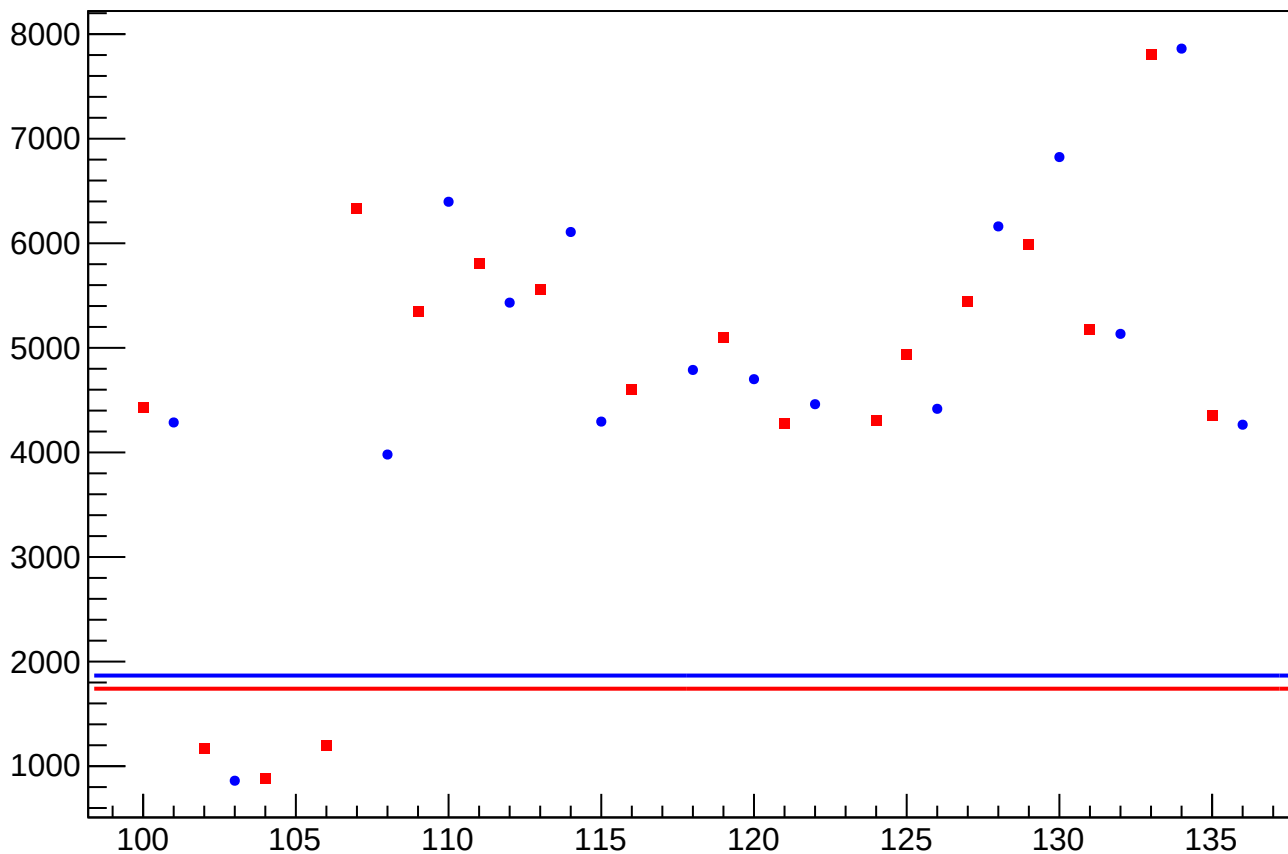
Right: -1080.253+/-665.258 χ^2/NDF : 27.4/33

In: -847.977+/-962.920 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1080.253+/-665.258 χ^2/NDF : 27.4/33

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: 1740.769+/-0.651 χ^2/NDF : 6292945.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

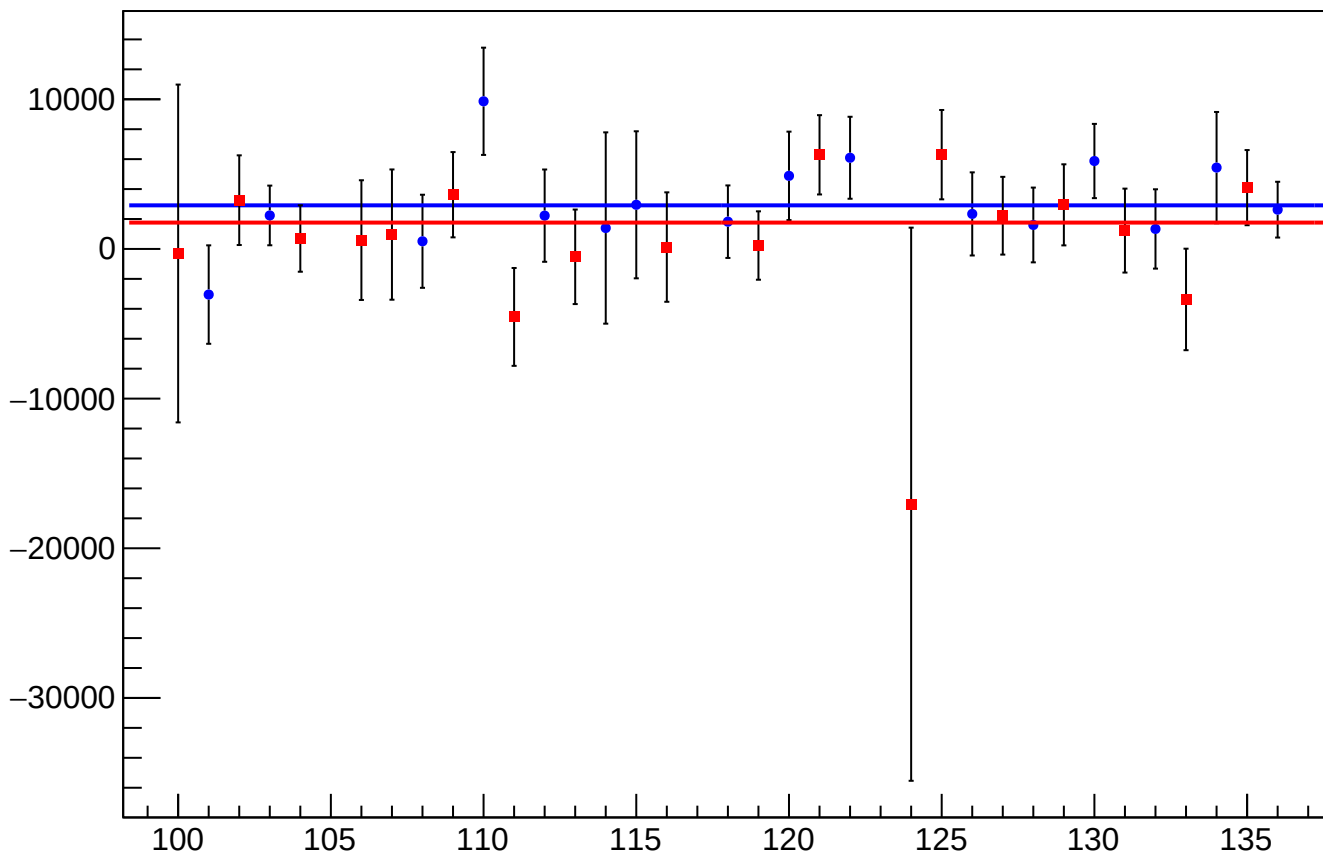
Right: 1800.736+/-0.470 χ^2/NDF : 13160379.9/33

In: 1866.405+/-0.681 χ^2/NDF :6849638.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1800.736+/-0.470 χ^2/NDF : 13160379.9/33

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: 1760.658+/-718.763 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

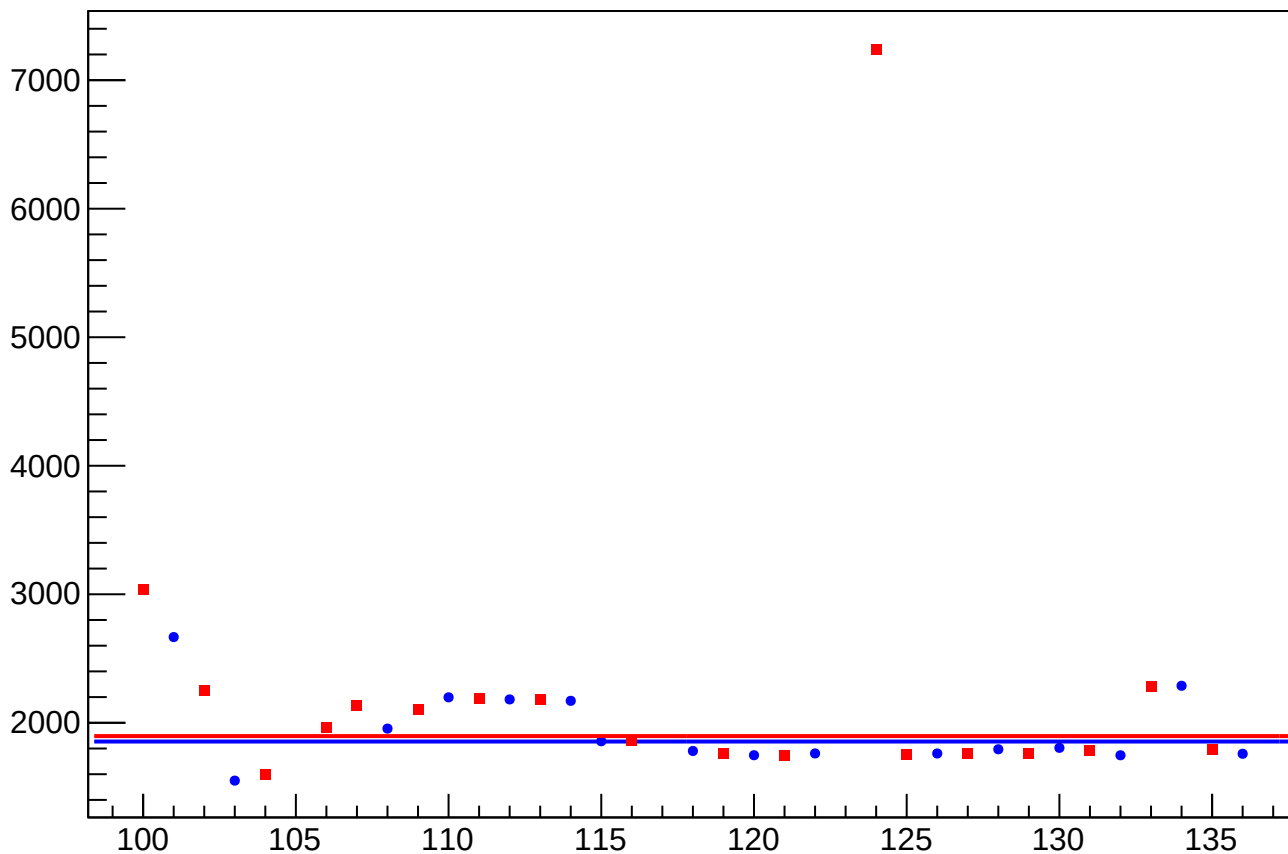
Right: 2356.188+/-499.652 χ^2 /NDF: 29.4/33

In: 2913.091+/-695.062 χ^2 /NDF:12.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 2356.188+/-499.652 χ^2 /NDF: 29.4/33

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: 1896.577+/-0.507 χ^2/NDF : 361724.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

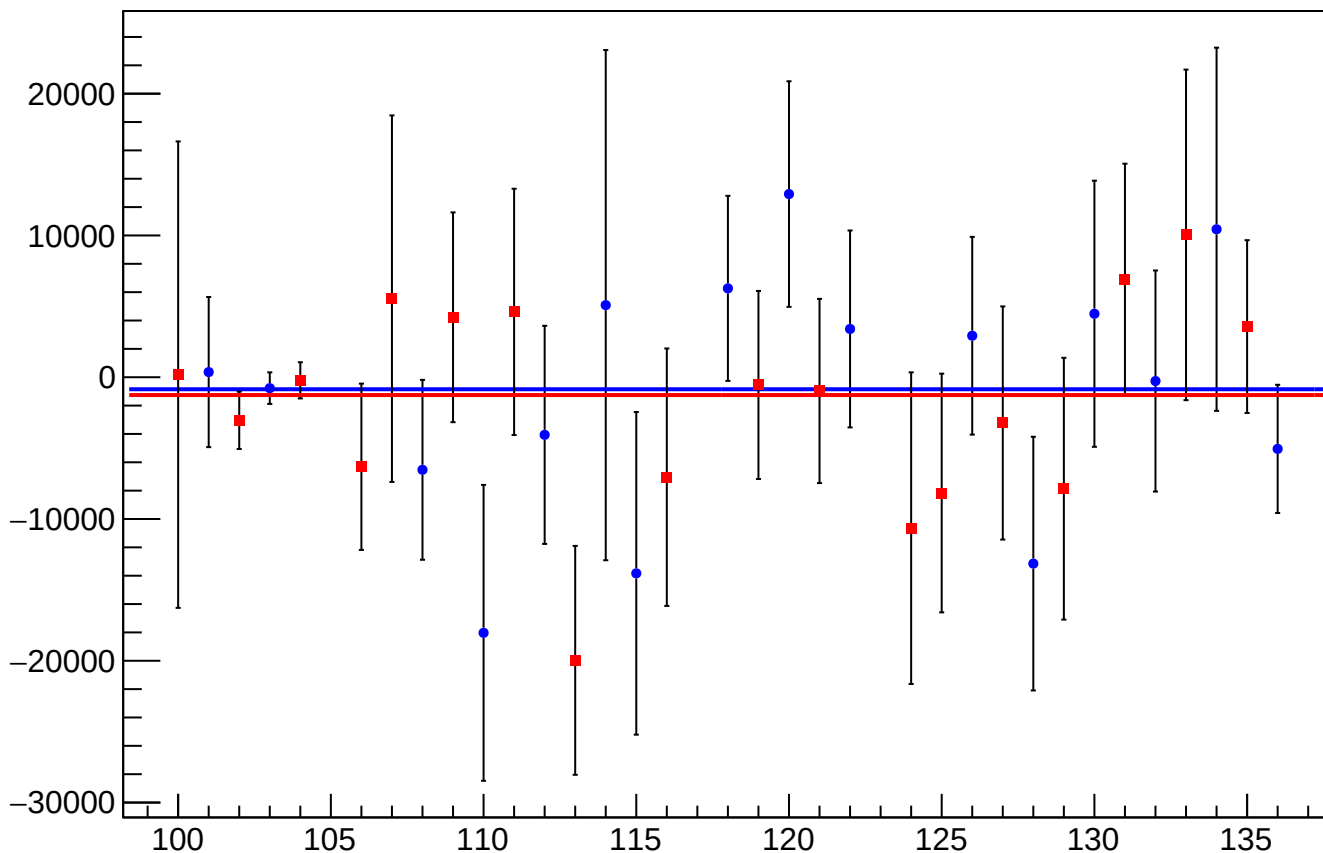
Right: 1874.783+/-0.353 χ^2/NDF : 628628.3/33

In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.783+/-0.353 χ^2/NDF : 628628.3/33

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: -1256.916+/-952.874 χ^2/NDF : 13.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

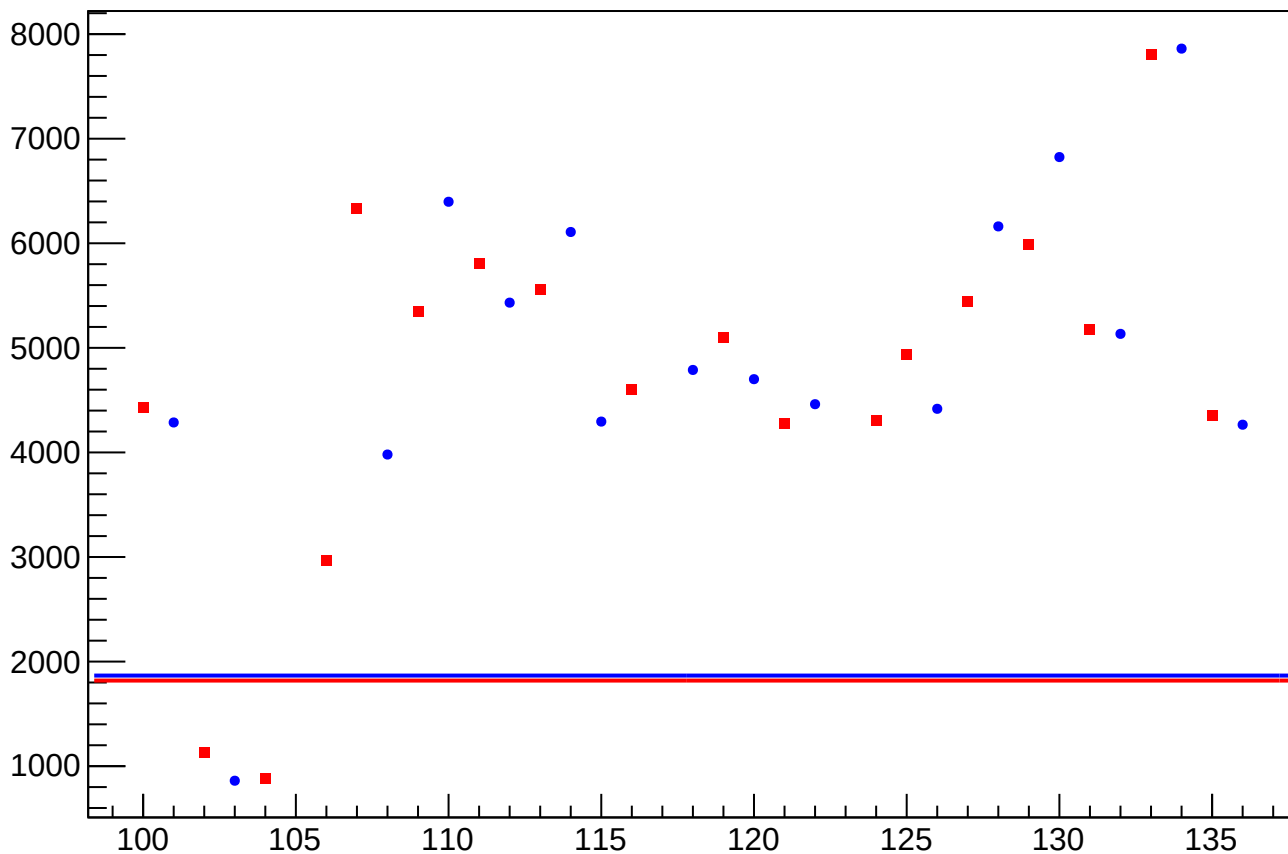
Right: -1054.345+/-677.289 χ^2/NDF : 27.8/33

In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1054.345+/-677.289 χ^2/NDF : 27.8/33

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: 1818.452+/-0.674 χ^2/NDF : 6325180.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

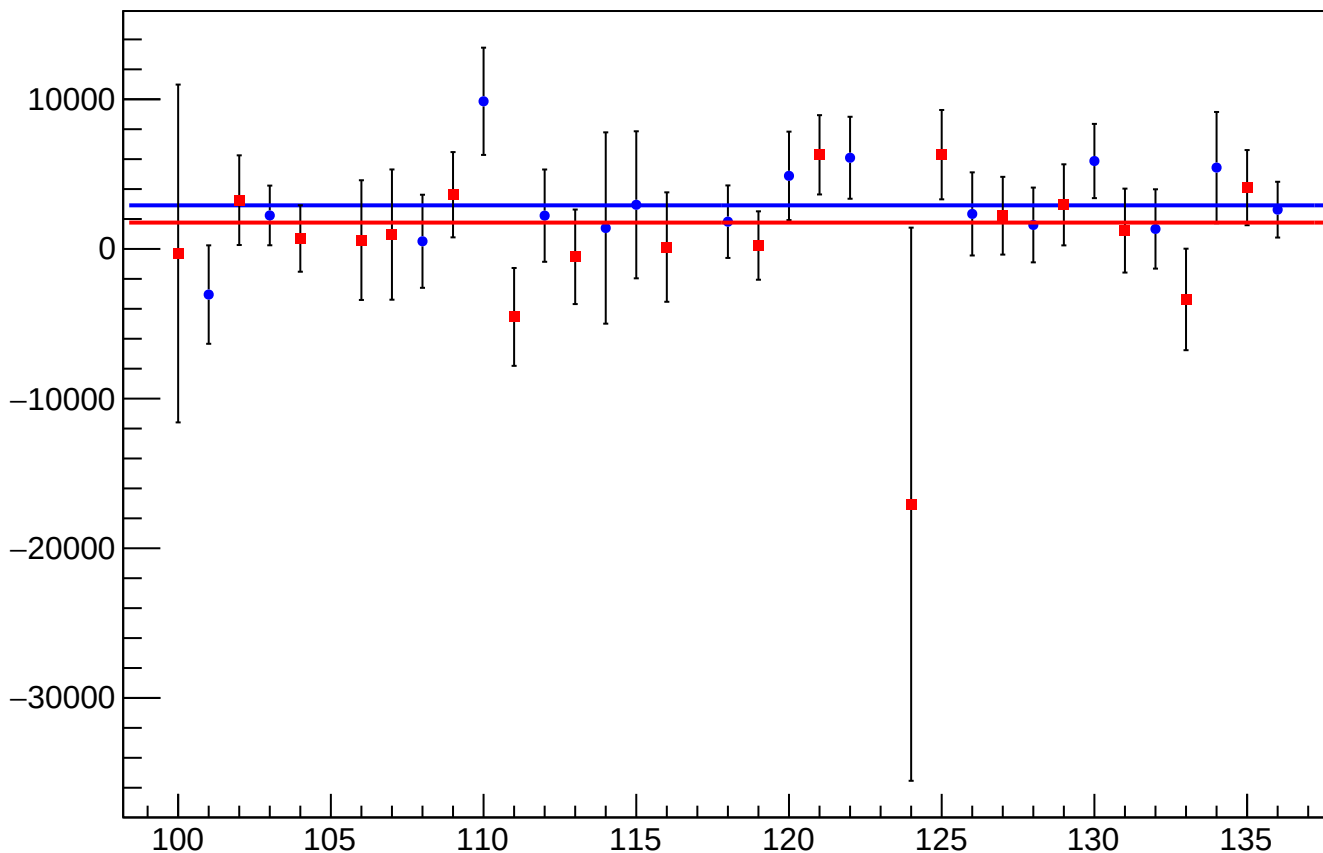
Right: 1842.102+/-0.479 χ^2/NDF : 13177732.0/33

In: 1866.251+/-0.681 χ^2/NDF : 6850061.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.102+/-0.479 χ^2/NDF : 13177732.0/33

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: 1760.658+/-718.763 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

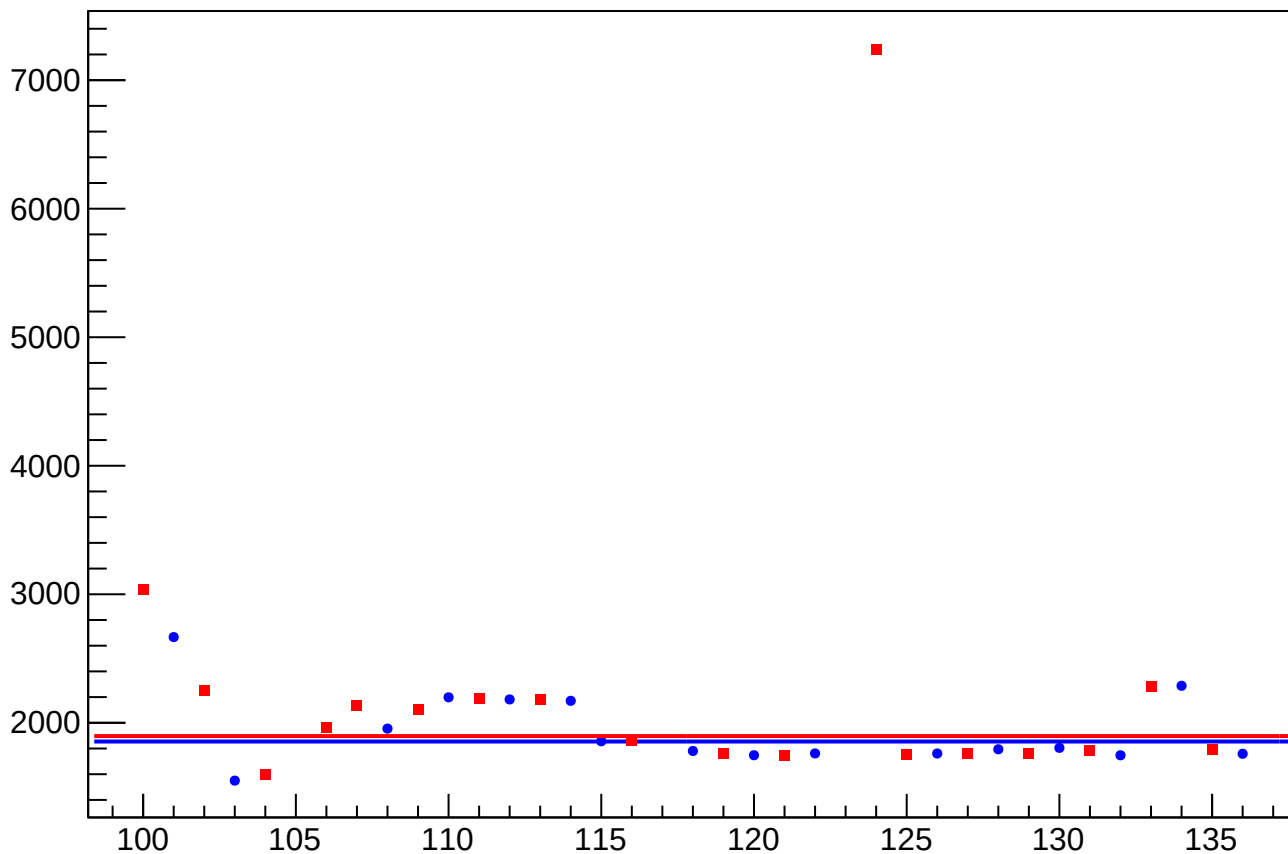
Right: 2356.188+/-499.652 χ^2/NDF : 29.4/33

In: 2913.091+/-695.062 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2356.188+/-499.652 χ^2/NDF : 29.4/33

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: 1896.577+/-0.507 χ^2/NDF : 361724.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

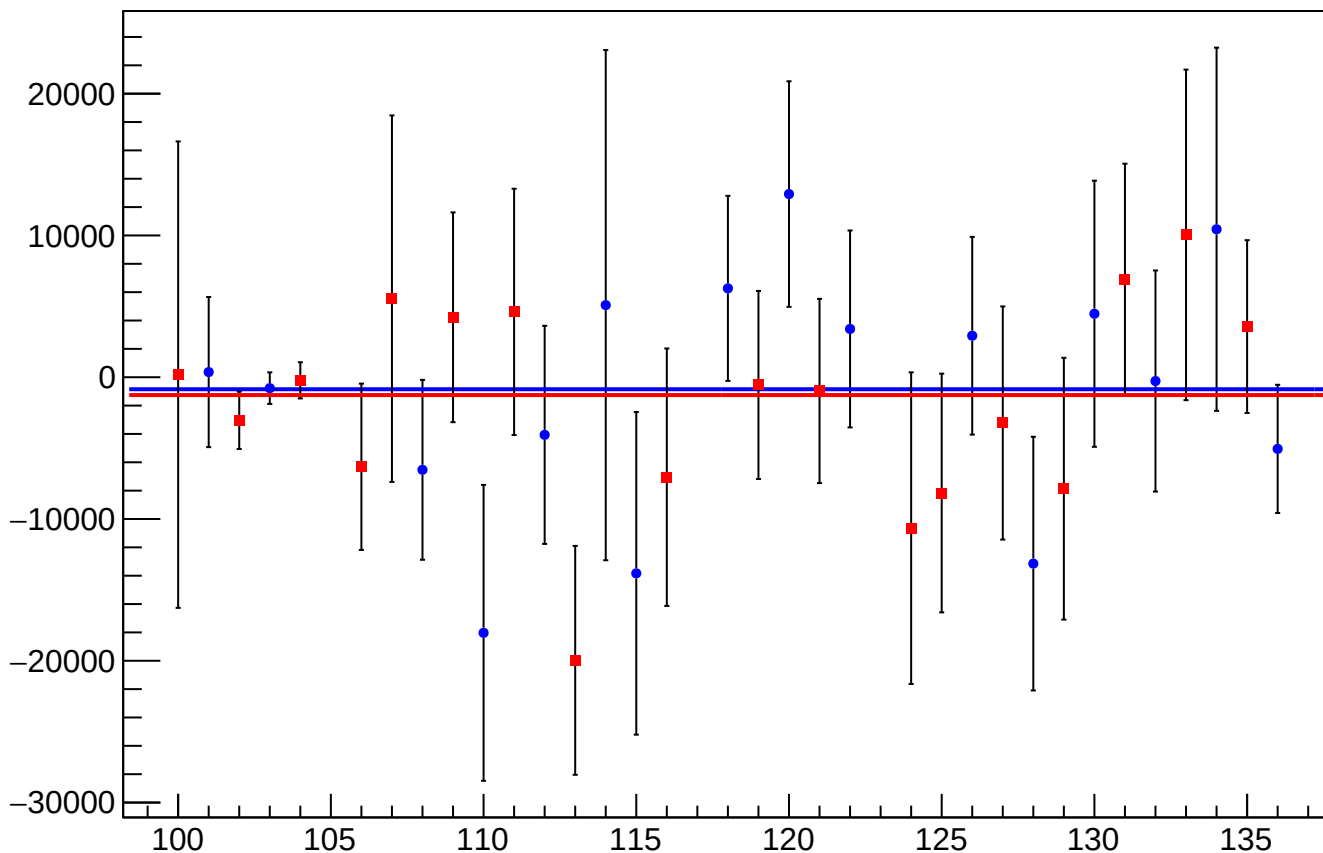
Right: 1874.783+/-0.353 χ^2/NDF : 628628.3/33

In: 1854.314+/-0.491 χ^2/NDF : 263322.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1874.783+/-0.353 χ^2/NDF : 628628.3/33

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: -1256.916+/-952.874 χ^2/NDF : 13.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

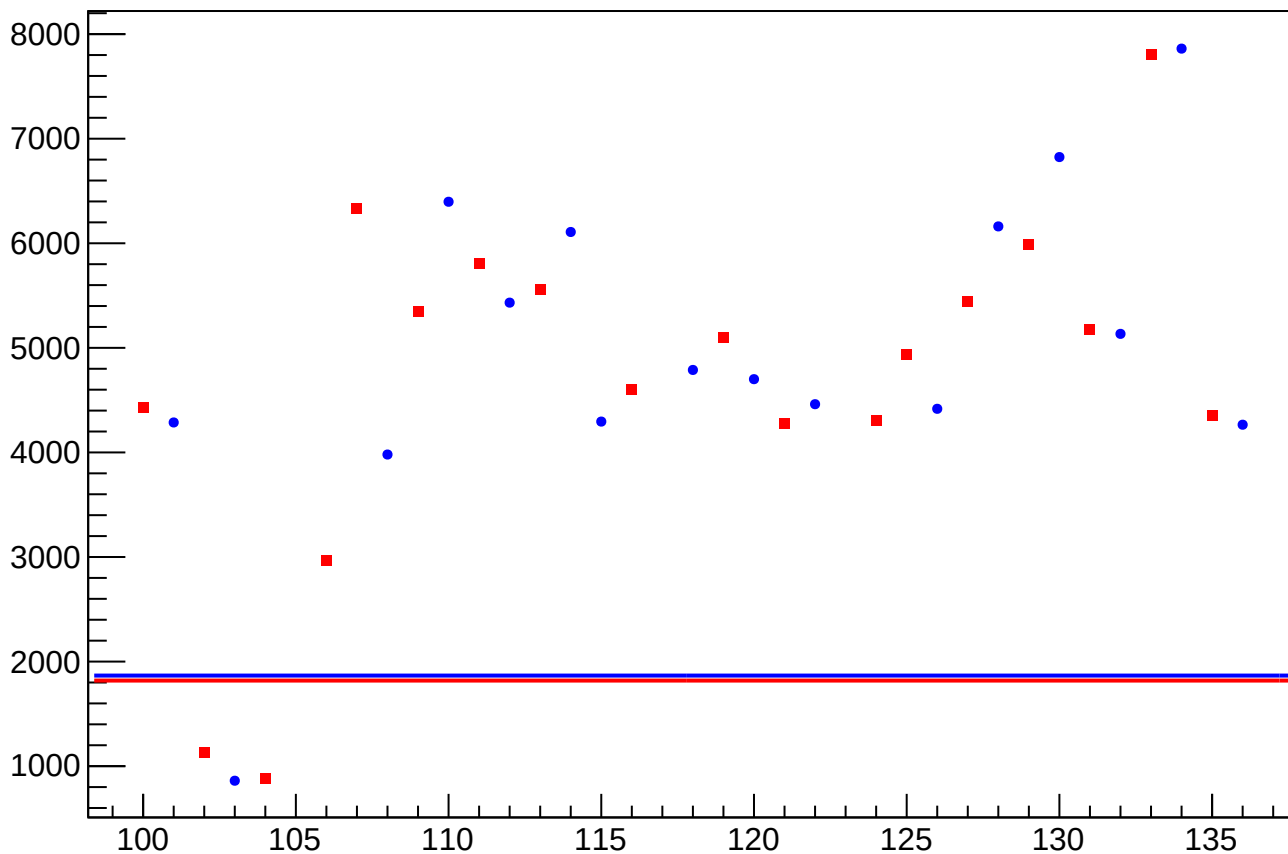
Right: -1054.345+/-677.289 χ^2/NDF : 27.8/33

In: -847.504+/-962.866 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1054.345+/-677.289 χ^2/NDF : 27.8/33

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: 1818.452+/-0.674 χ^2/NDF : 6325180.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

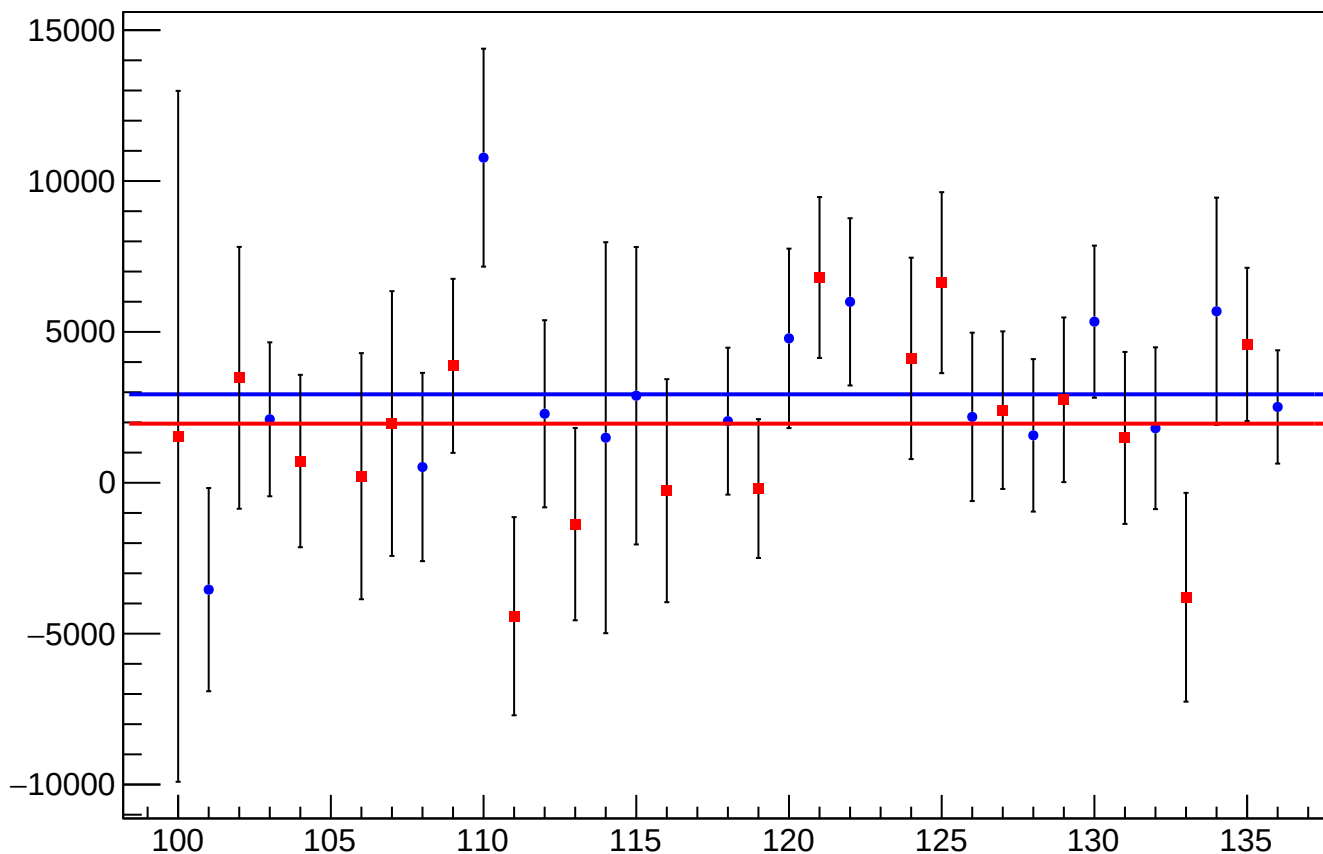
Right: 1842.102+/-0.479 χ^2/NDF : 13177732.0/33

In: 1866.251+/-0.681 χ^2/NDF : 6850061.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.102+/-0.479 χ^2/NDF : 13177732.0/33

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: 1958.761+/-734.520 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

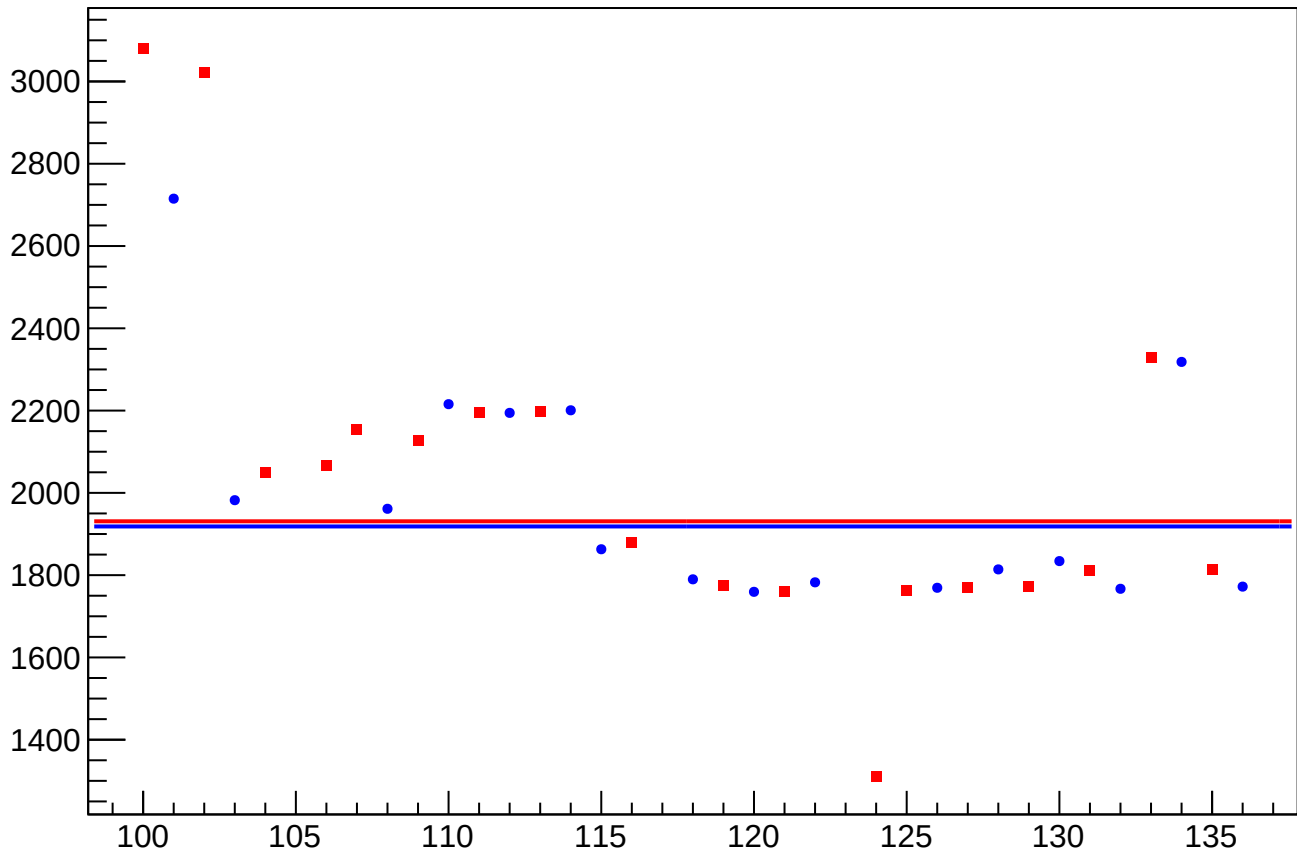
Right: 2456.083+/-513.556 χ^2/NDF : 31.0/33

In: 2931.691+/-718.305 χ^2/NDF : 13.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2456.083+/-513.556 χ^2/NDF : 31.0/33

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: 1930.904+/-0.519 χ^2/NDF : 335603.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

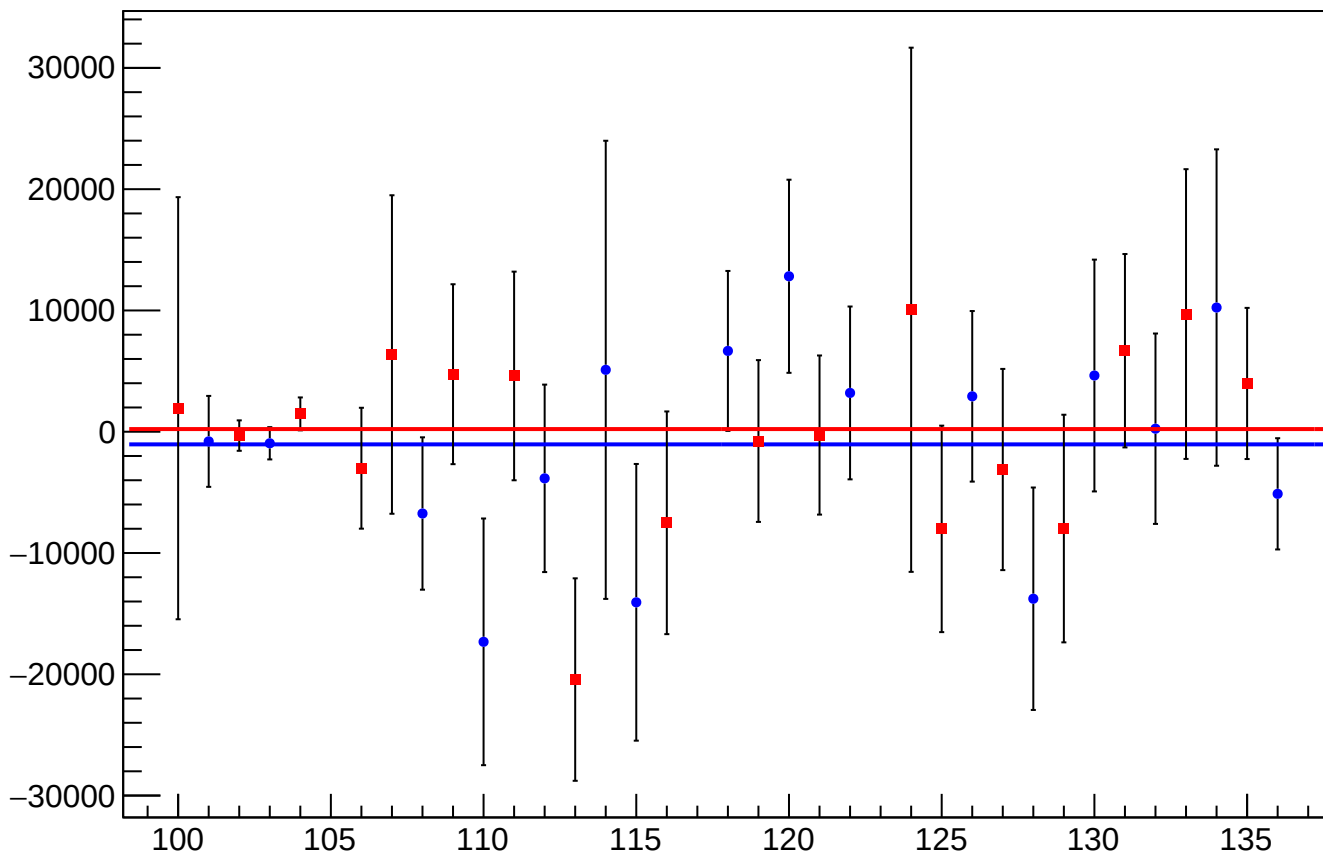
Right: 1924.501+/-0.363 χ^2/NDF : 551493.9/33

In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.501+/-0.363 χ^2/NDF : 551493.9/33

asym_atl1r2_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1041.908 ± 1072.406 χ^2/NDF : 13.8/15

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

Right Out: 219.800 ± 838.781 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

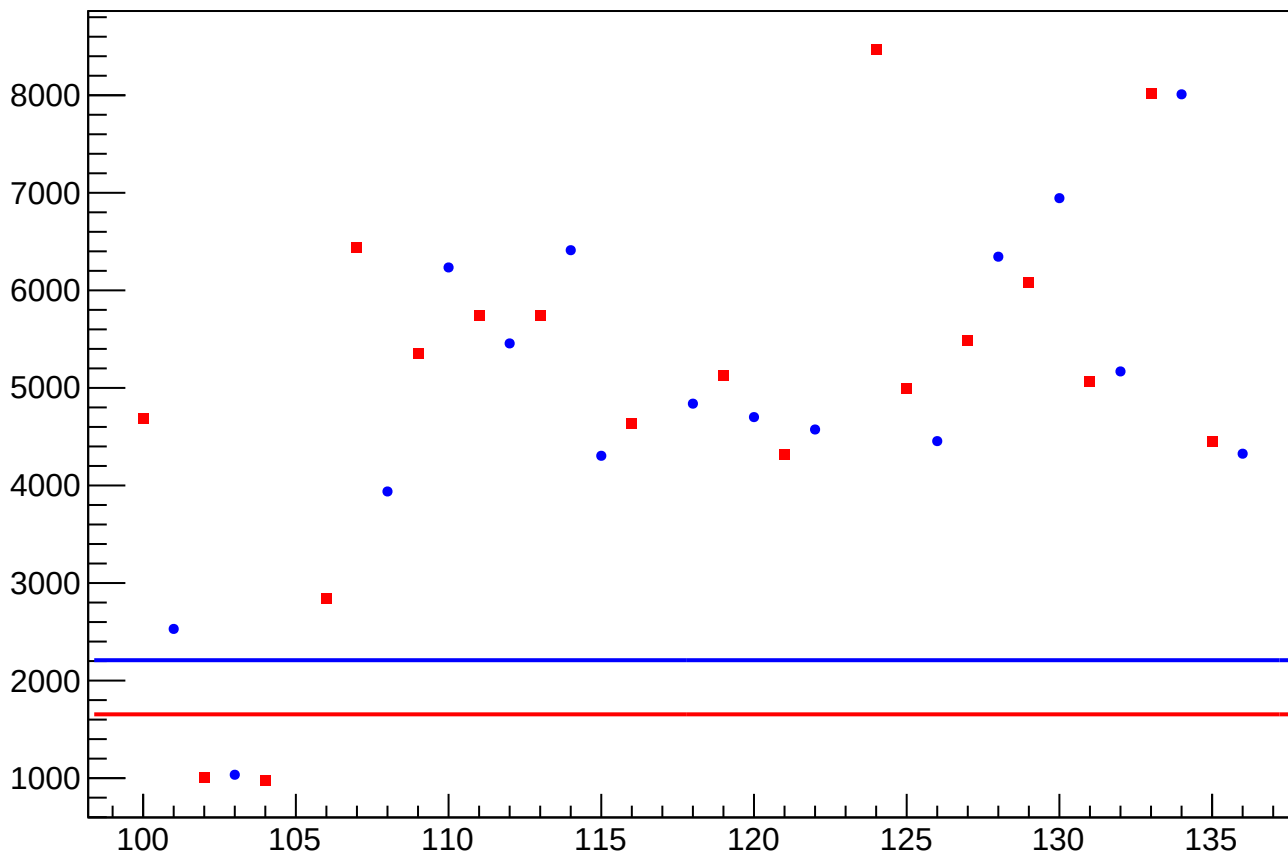
Right: -259.092 ± 660.692 χ^2/NDF : 27.6/33

In: -1041.908 ± 1072.406 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.092 ± 660.692 χ^2/NDF : 27.6/33

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: 1654.039+/-0.593 χ^2/NDF : 6698460.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

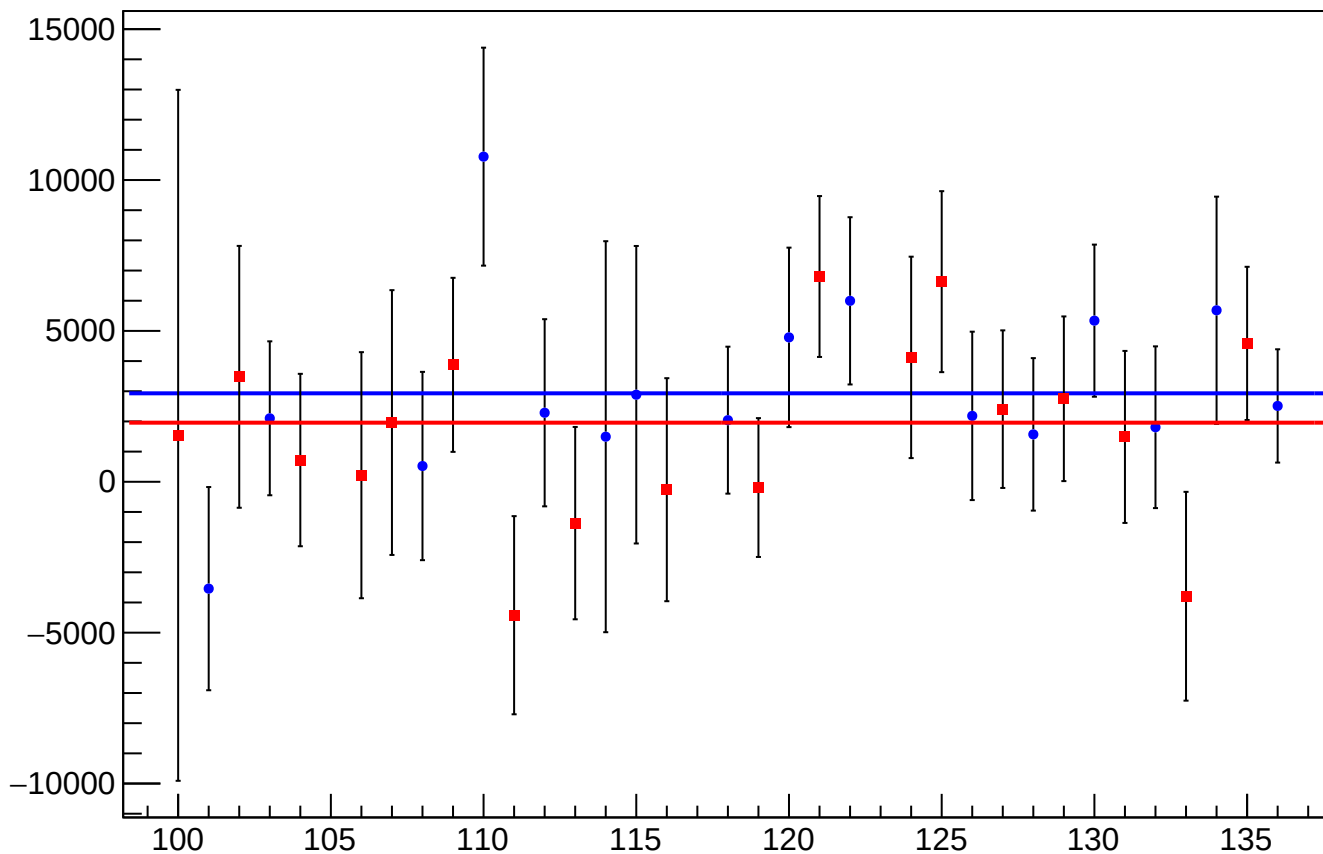
Right: 1864.646+/-0.467 χ^2/NDF : 12529671.3/33

In: 2208.912+/-0.758 χ^2/NDF : 5499011.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.646+/-0.467 χ^2/NDF : 12529671.3/33

eigen_dit_asym_atl1r2_avg_mean vs Slug, Sign Corrected



Right In: 2931.693 $\pm$ 718.305 χ^2 /NDF: 13.0/15

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

Right Out: 1958.768 $\pm$ 734.520 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

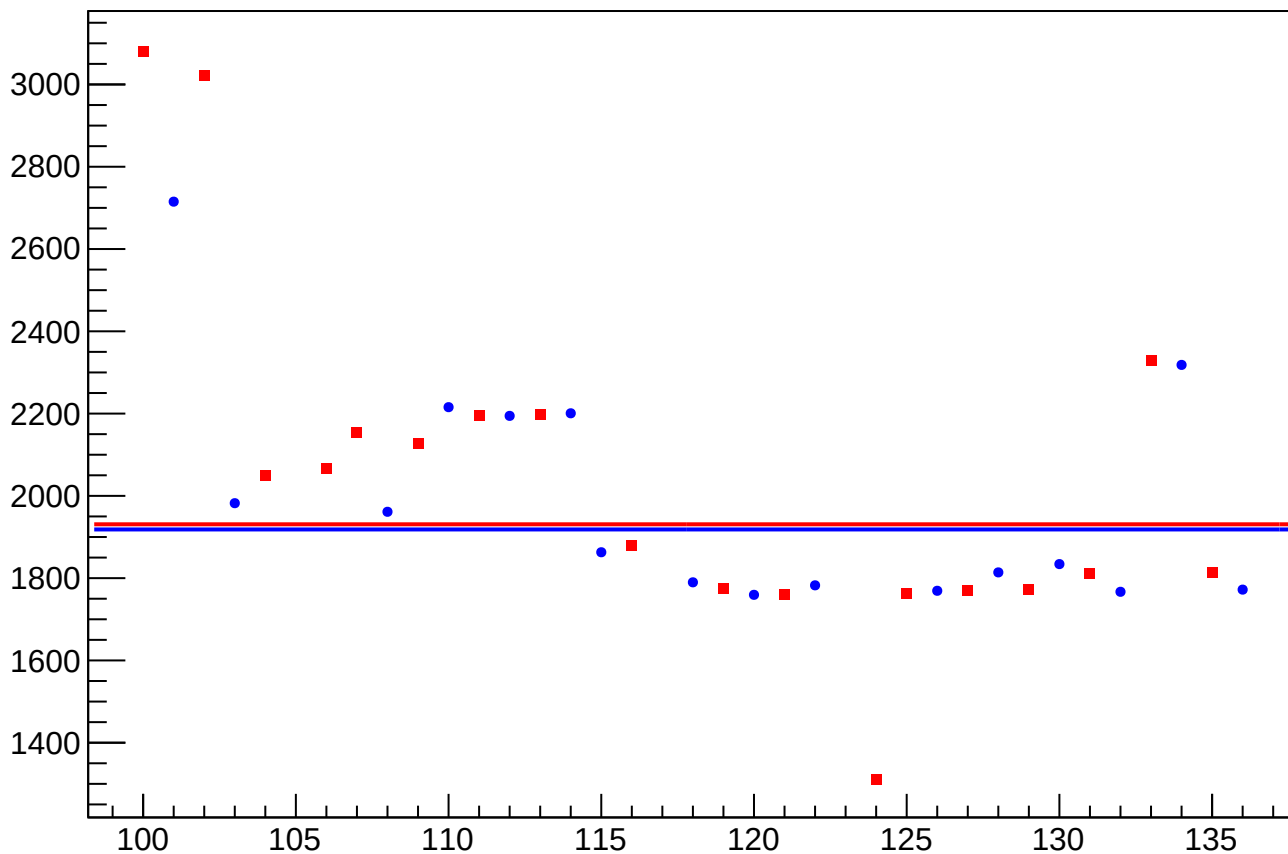
Right: 2456.088 $\pm$ 513.555 χ^2 /NDF: 31.0/33

In: 2931.693 $\pm$ 718.305 χ^2 /NDF:13.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2456.088 $\pm$ 513.555 χ^2 /NDF: 31.0/33

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: 1930.903+/-0.519 χ^2/NDF : 335602.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

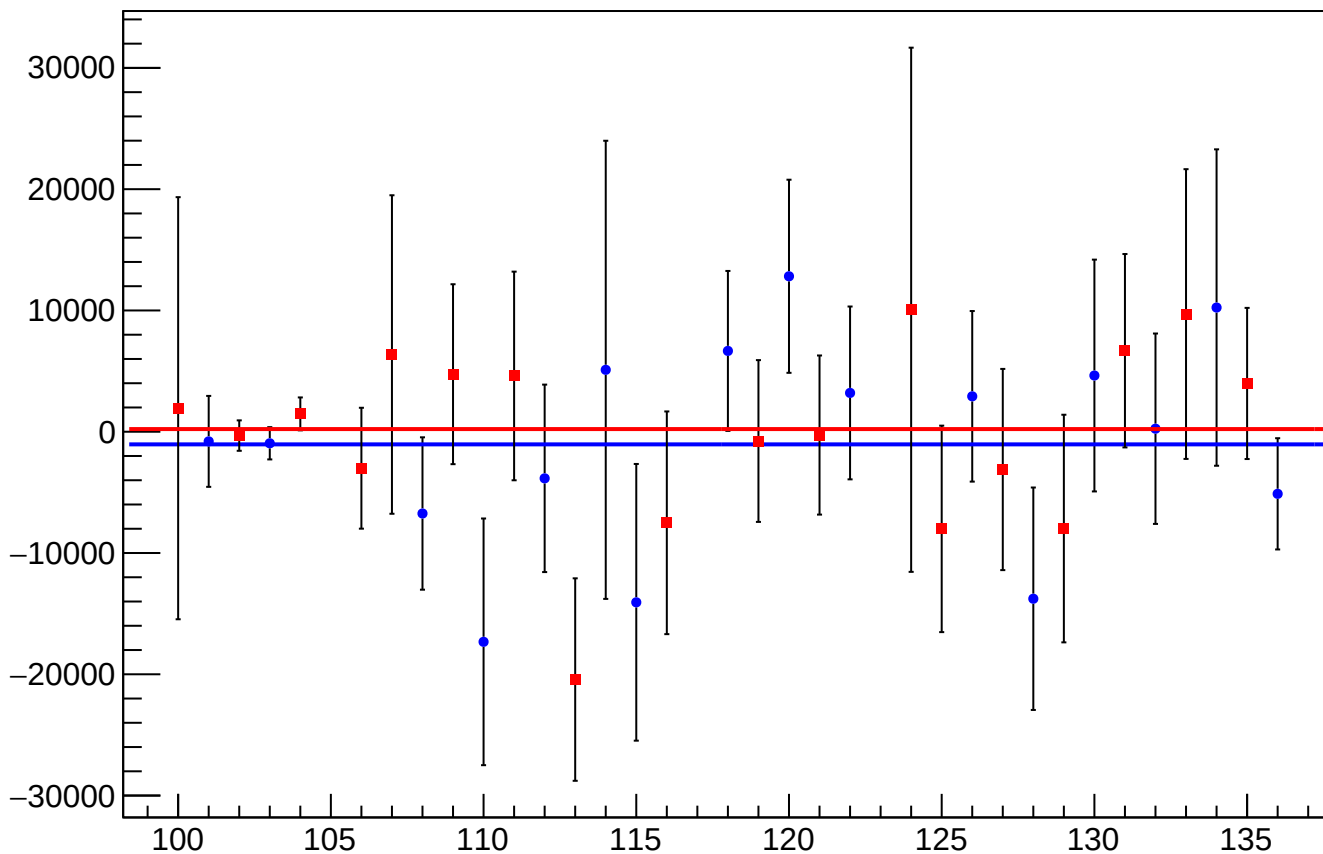
Right: 1924.500+/-0.363 χ^2/NDF : 551493.0/33

In: 1918.367+/-0.508 χ^2/NDF : 215592.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1924.500+/-0.363 χ^2/NDF : 551493.0/33

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1041.906 ± 1072.405 χ^2/NDF : 13.8/15

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

Right Out: 219.794 ± 838.780 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

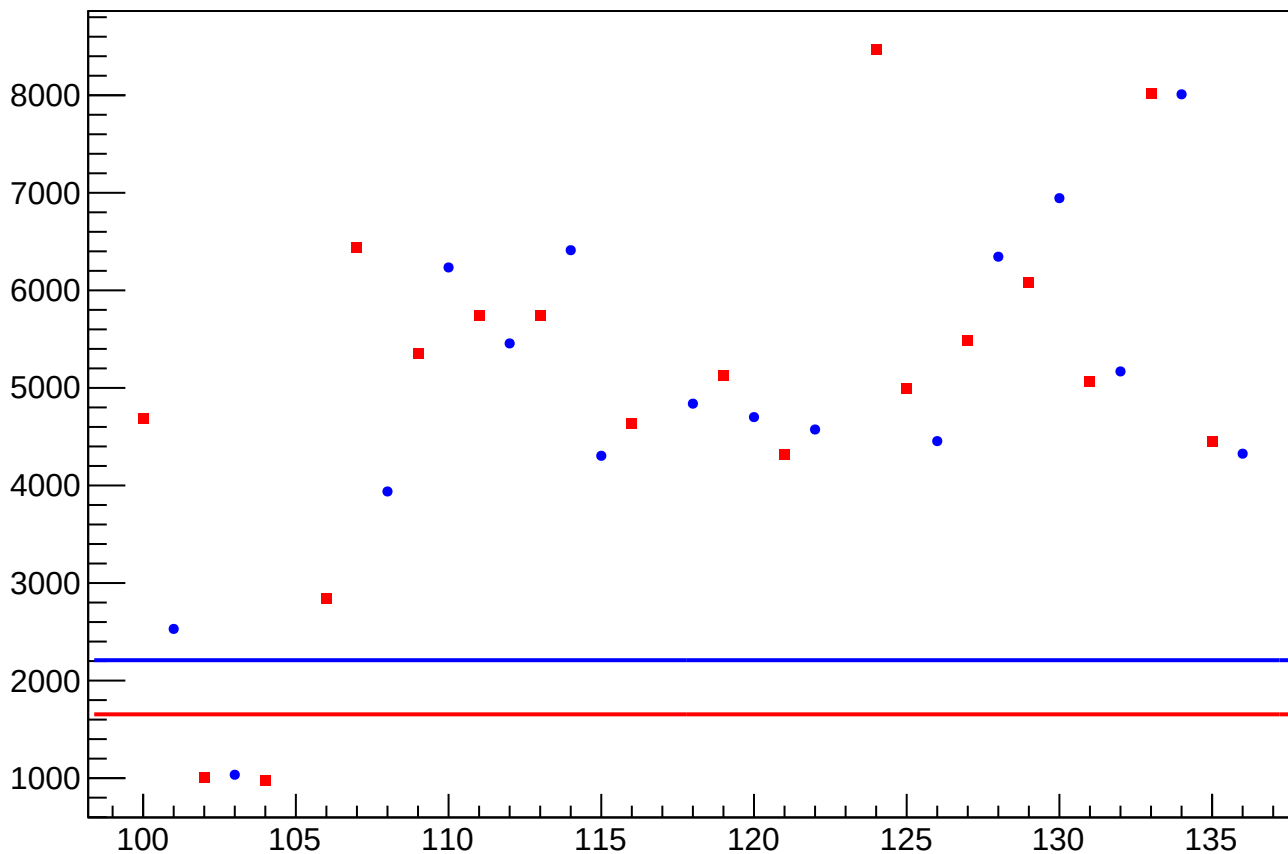
Right: -259.095 ± 660.691 χ^2/NDF : 27.6/33

In: -1041.906 ± 1072.405 χ^2/NDF : 13.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.095 ± 660.691 χ^2/NDF : 27.6/33

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: 1654.039+/-0.593 χ^2/NDF : 6698451.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

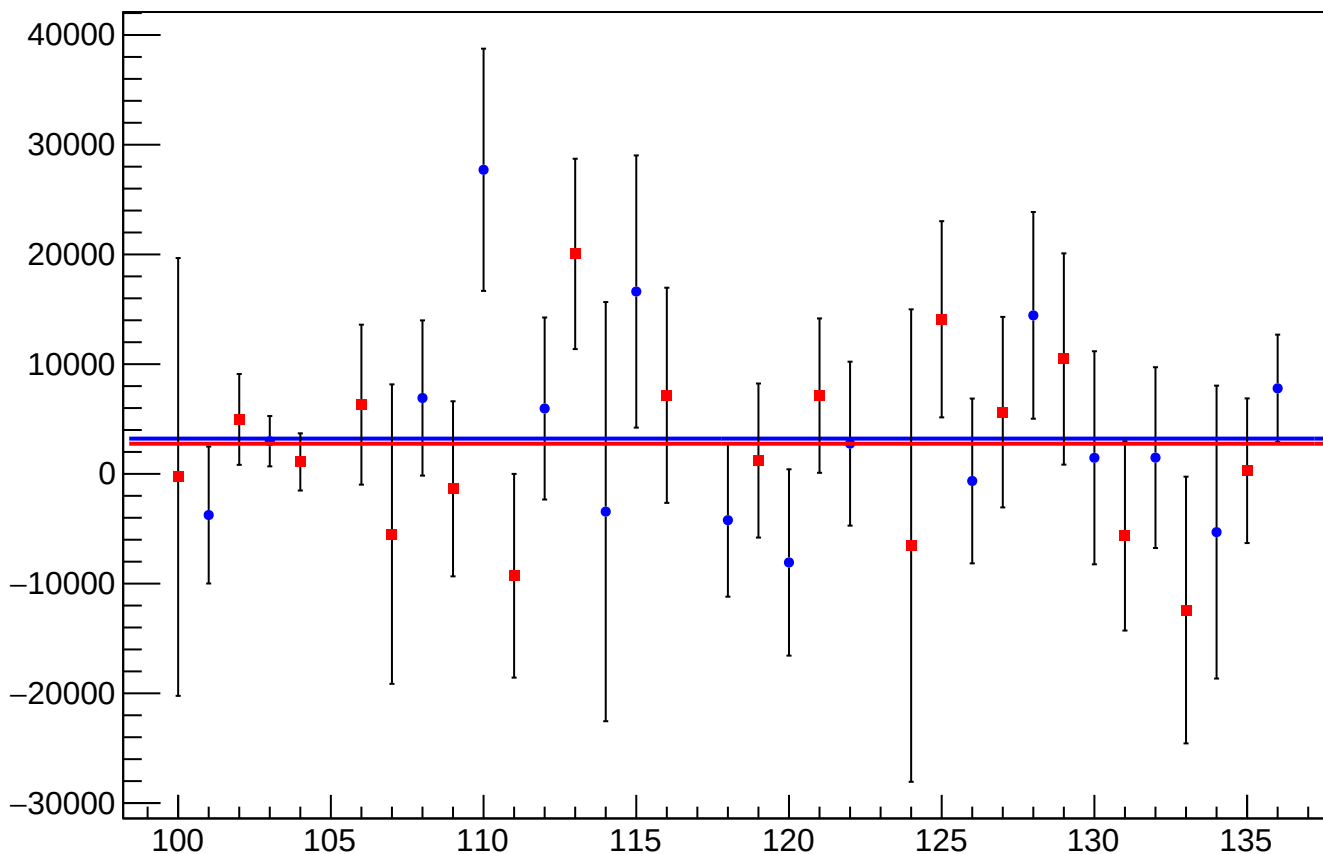
Right: 1864.646+/-0.467 χ^2/NDF : 12529655.3/33

In: 2208.911+/-0.758 χ^2/NDF : 5499004.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1864.646+/-0.467 χ^2/NDF : 12529655.3/33

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: 2749.755+/-1569.999 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

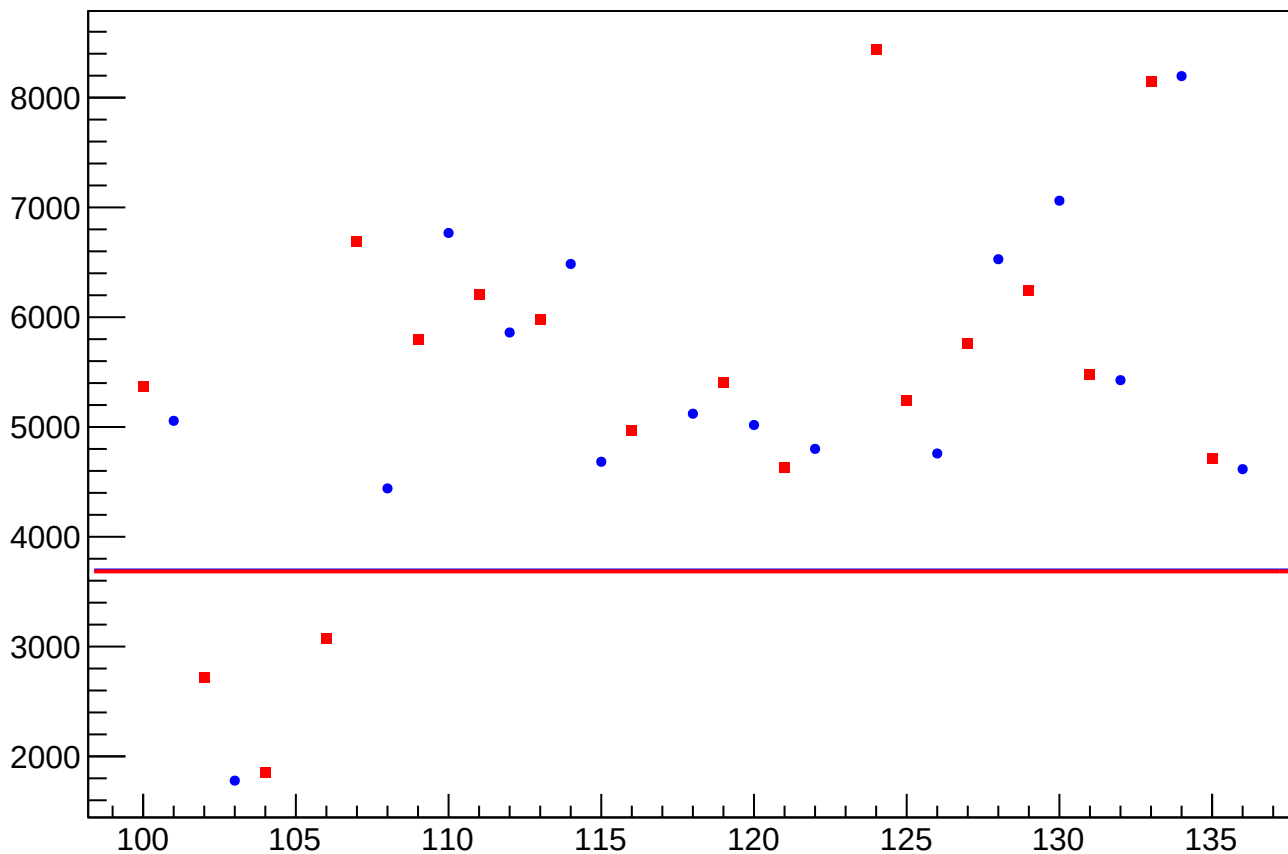
Right: 2987.330+/-1099.128 χ^2/NDF : 26.9/33

In: 3215.695+/-1539.262 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2987.330+/-1099.128 χ^2/NDF : 26.9/33

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: 3684.860+/-1.099 χ^2/NDF : 2667724.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

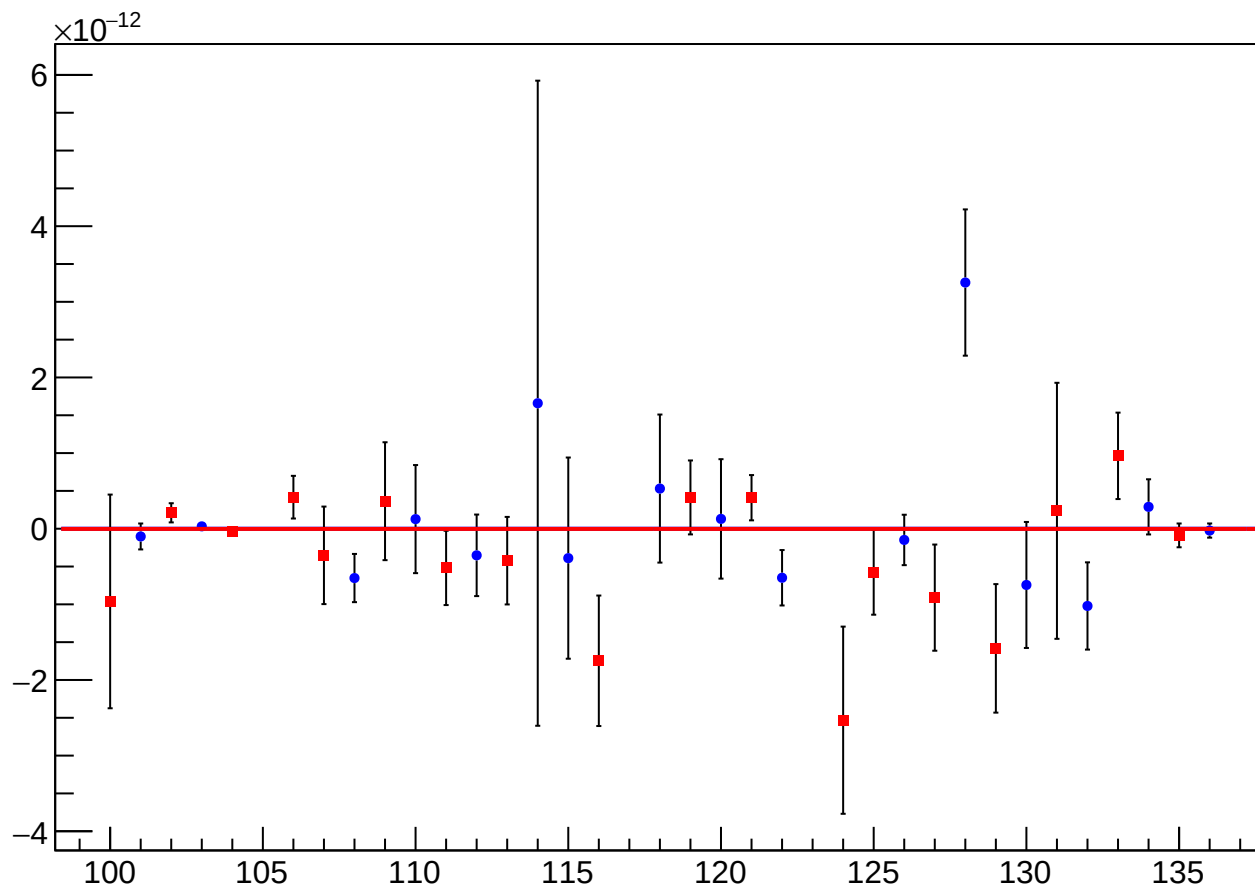
Right: 3688.876+/-0.773 χ^2/NDF : 5553409.0/33

In: 3692.815+/-1.088 χ^2/NDF : 2885658.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3688.876+/-0.773 χ^2/NDF : 5553409.0/33

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 : 28.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

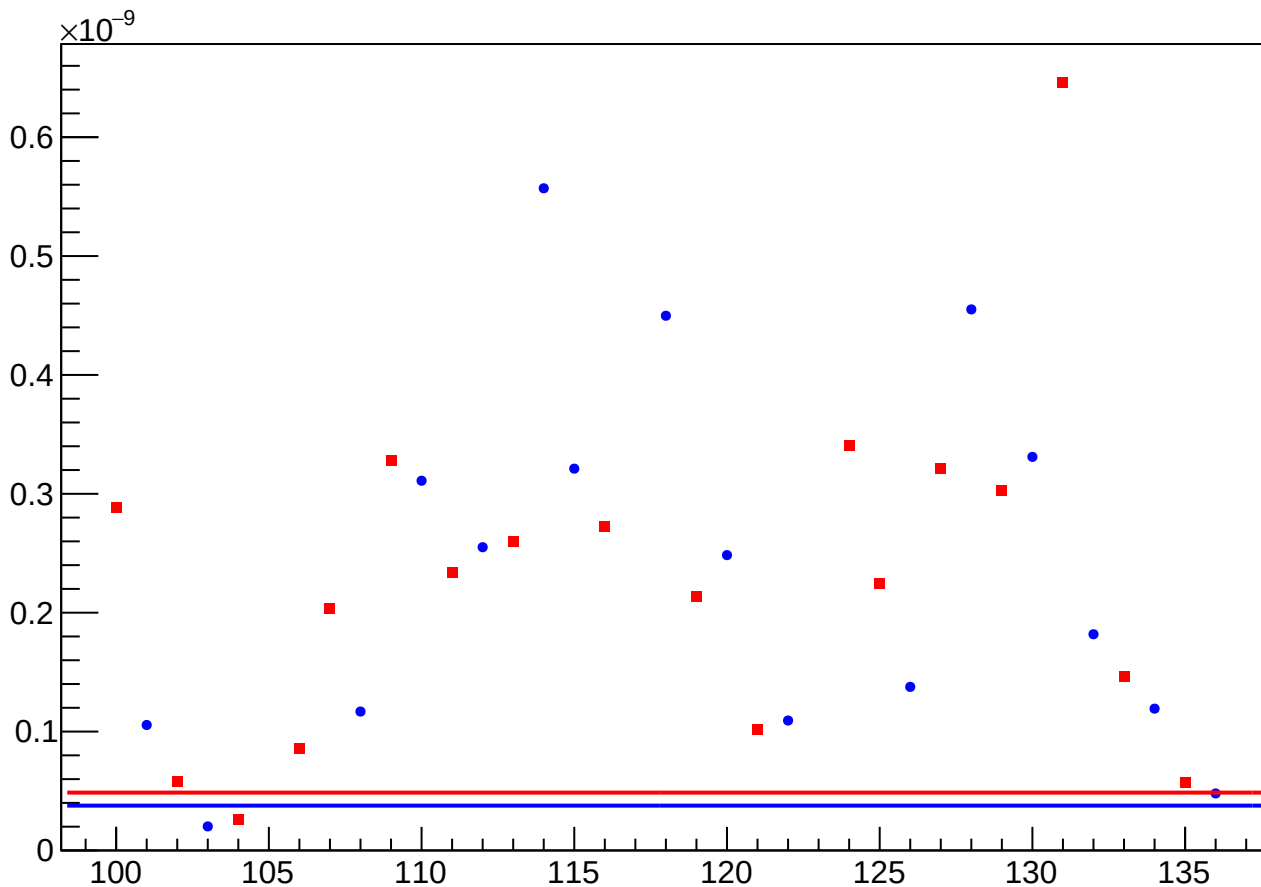
Right: -0.000+/-0.000 χ^2/NDF : 53.6/33

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 : 53.6/33

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 : 2894363.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

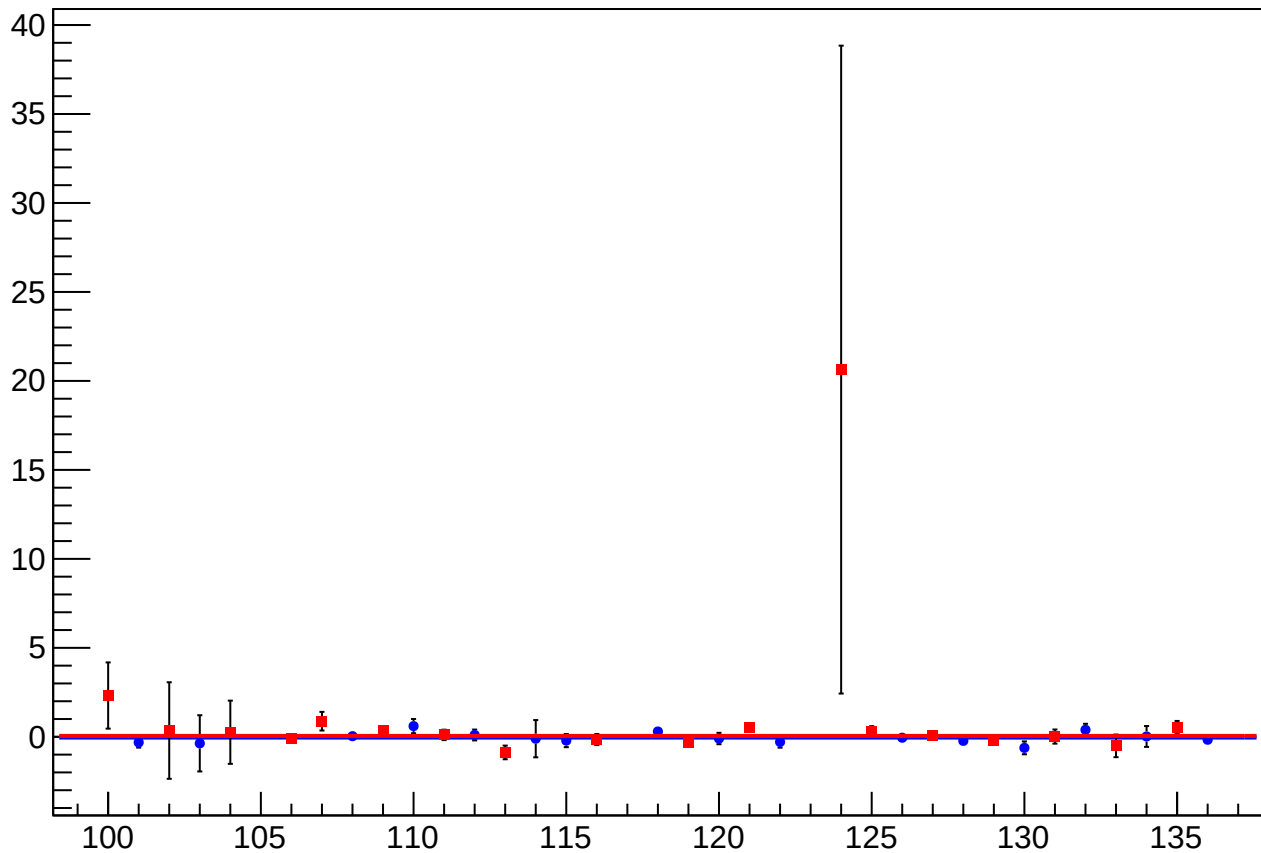
Right: 0.000+/-0.000 χ^2/NDF : 6105791.7/33

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 : 6105791.7/33

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: 0.052 ± 0.080 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

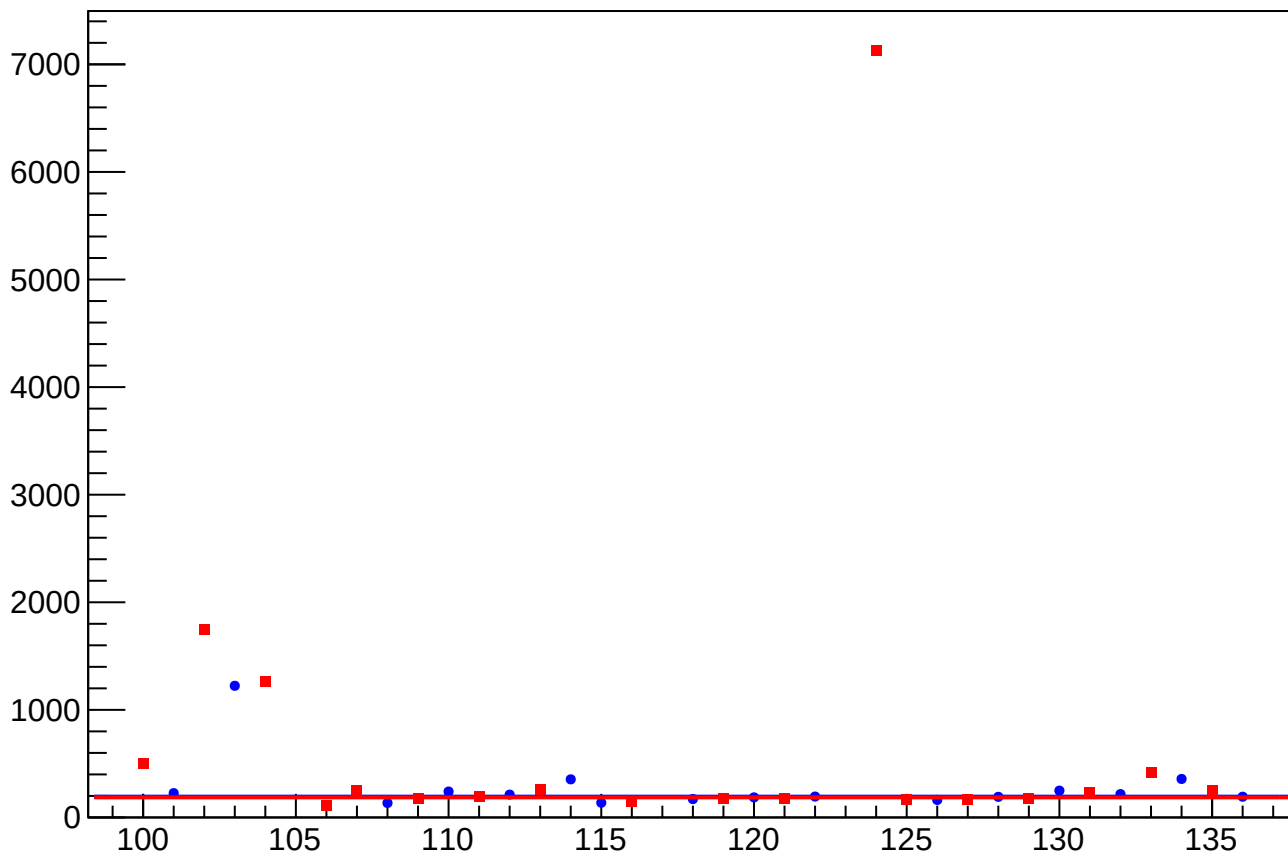
Right: 0.004 ± 0.056 χ^2/NDF : 35.4/33

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 ± 0.056 χ^2/NDF : 35.4/33

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: 186.609+/-0.057 χ^2/NDF : 2478651.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

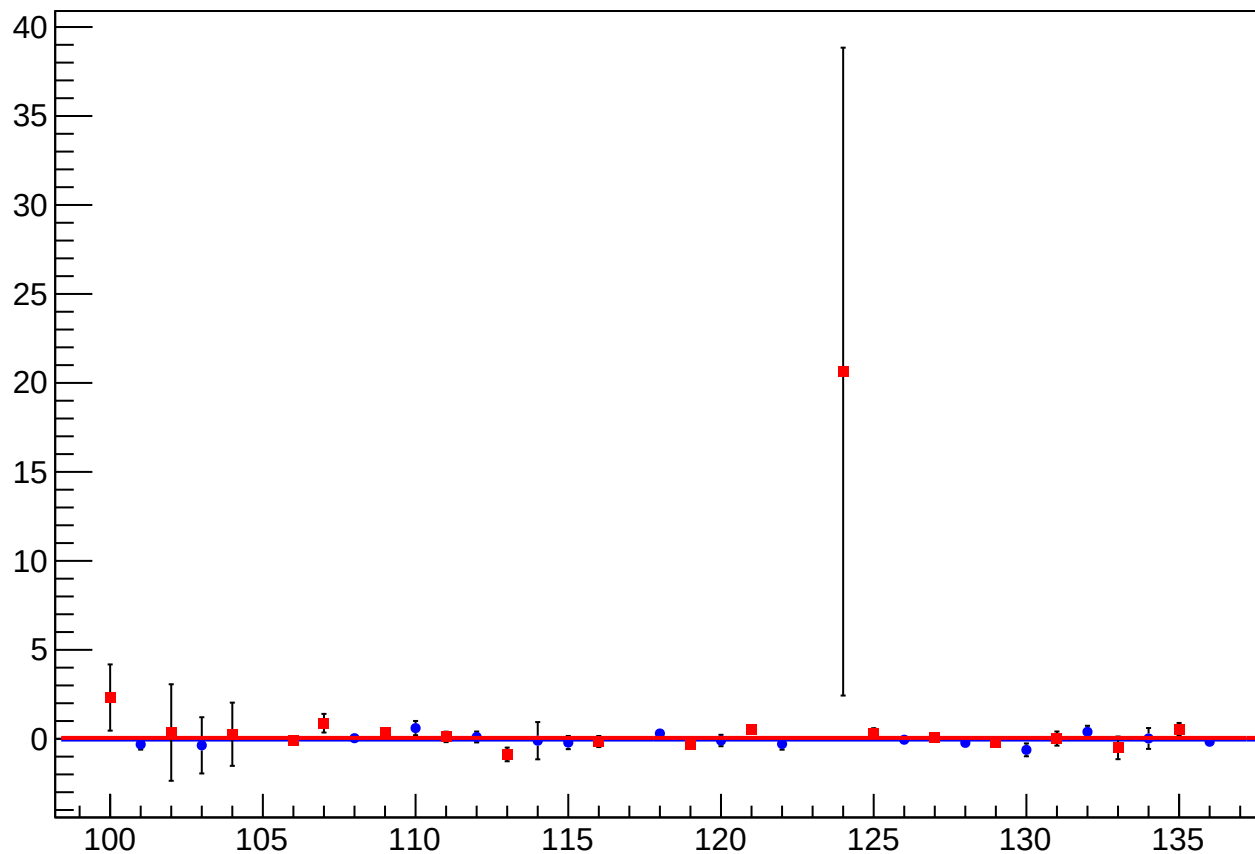
Right: 190.038+/-0.040 χ^2/NDF : 3894100.1/33

In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.038+/-0.040 χ^2/NDF : 3894100.1/33

asym_atl1r2_avg_dit_vs_eigen_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: 0.052 ± 0.080 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

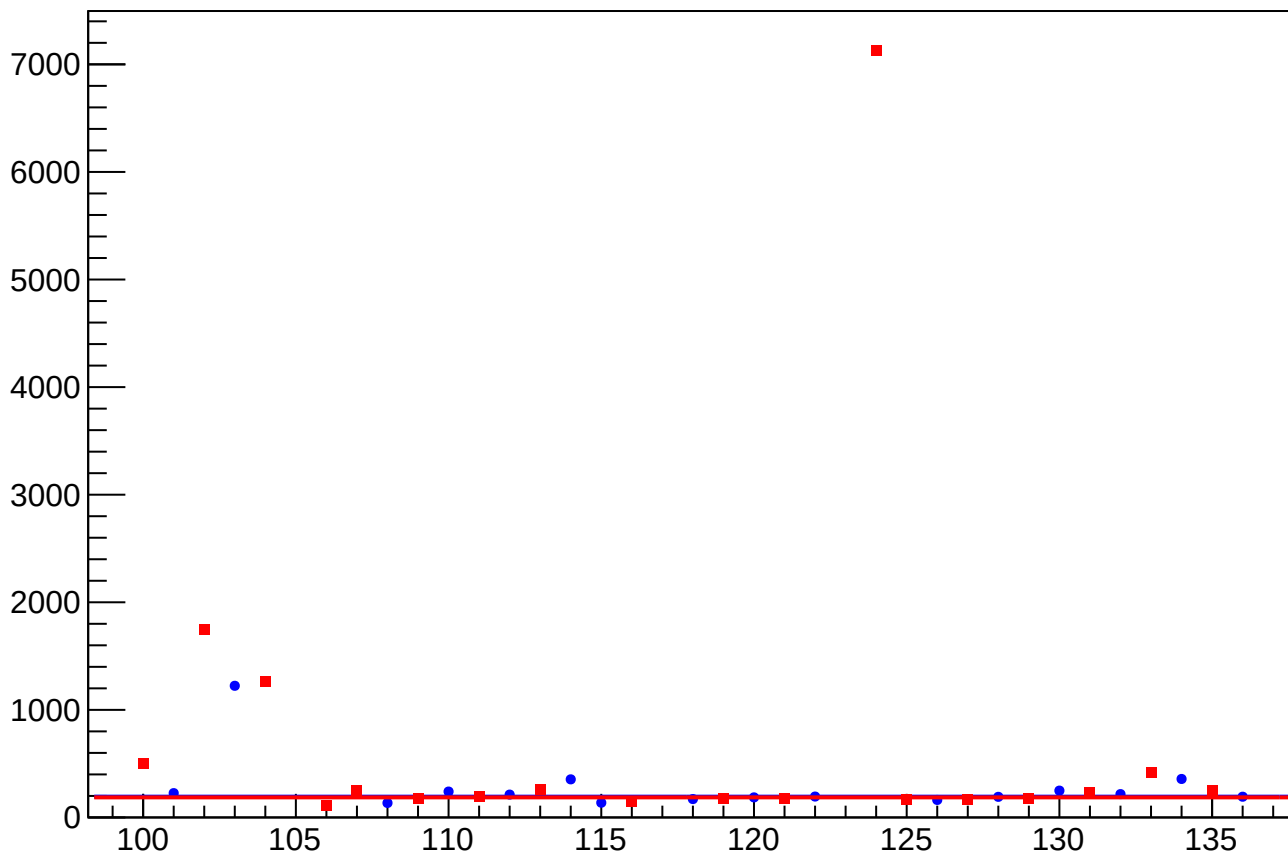
Right: 0.004 ± 0.056 χ^2/NDF : 35.4/33

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 ± 0.056 χ^2/NDF : 35.4/33

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: 186.609+/-0.057 χ^2/NDF : 2478651.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

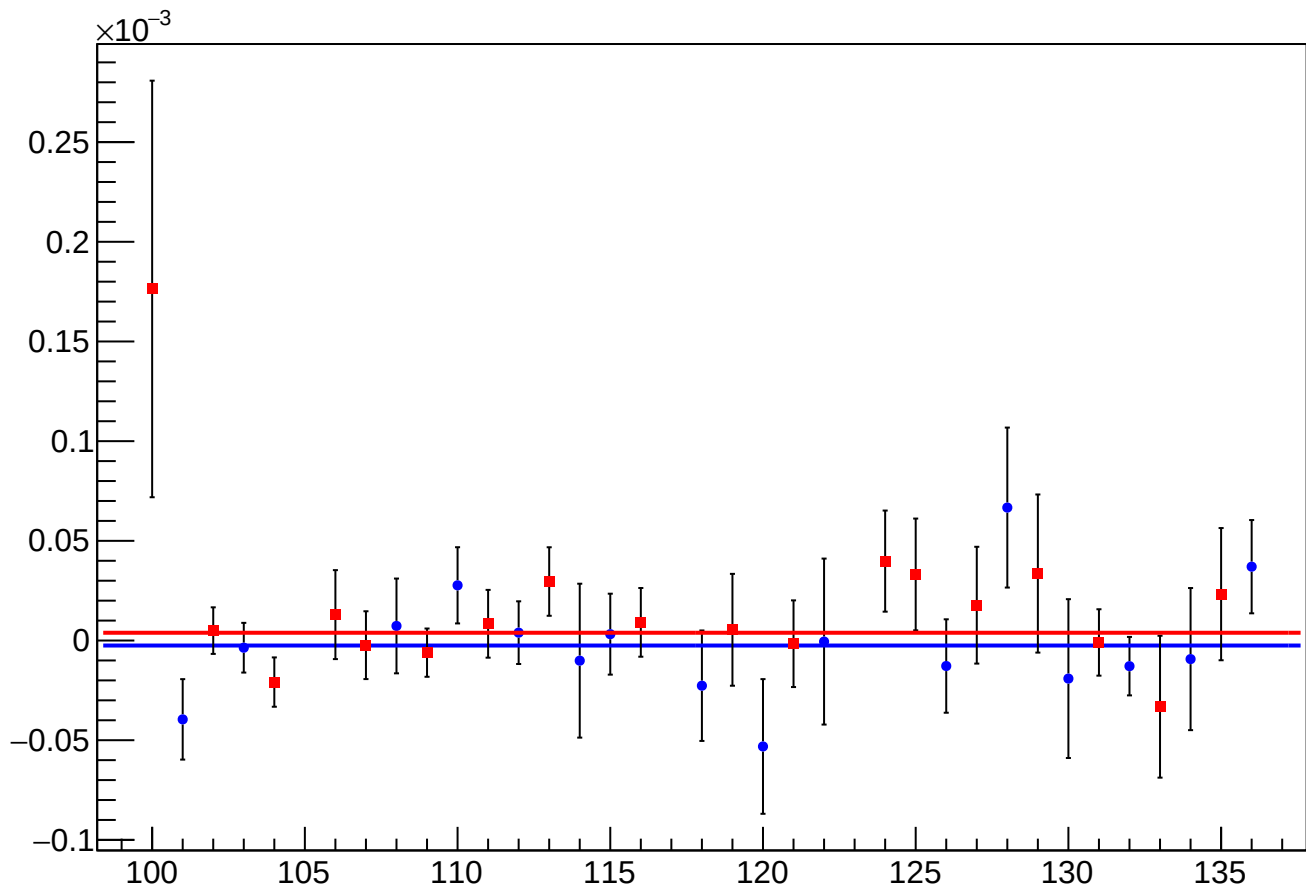
Right: 190.038+/-0.040 χ^2/NDF : 3894100.1/33

In: 193.248+/-0.055 χ^2/NDF : 1408397.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.038+/-0.040 χ^2/NDF : 3894100.1/33

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 15.8/15

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

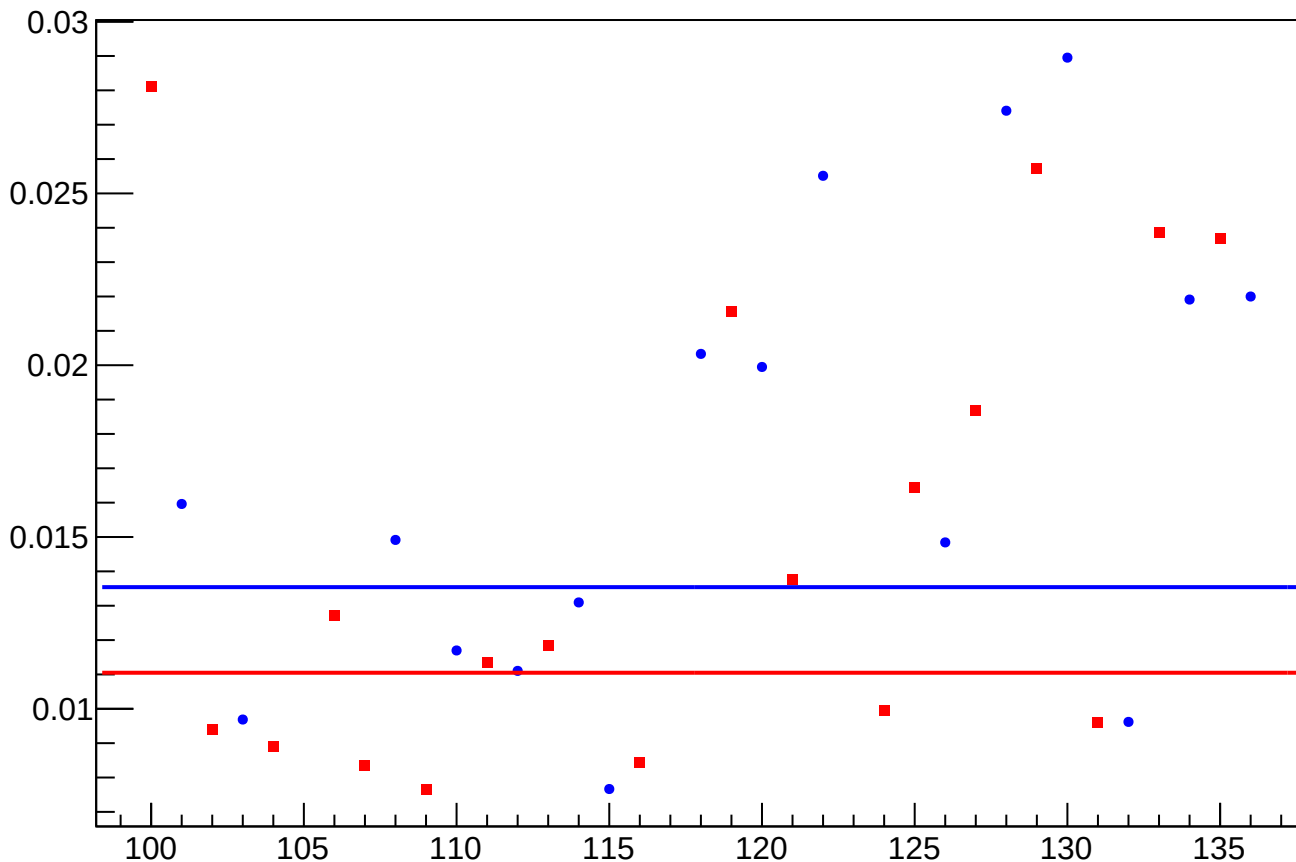
Right: 0.000+/-0.000 χ^2/NDF : 32.2/33

In: -0.000+/-0.000 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.2/33

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 : 1788612.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

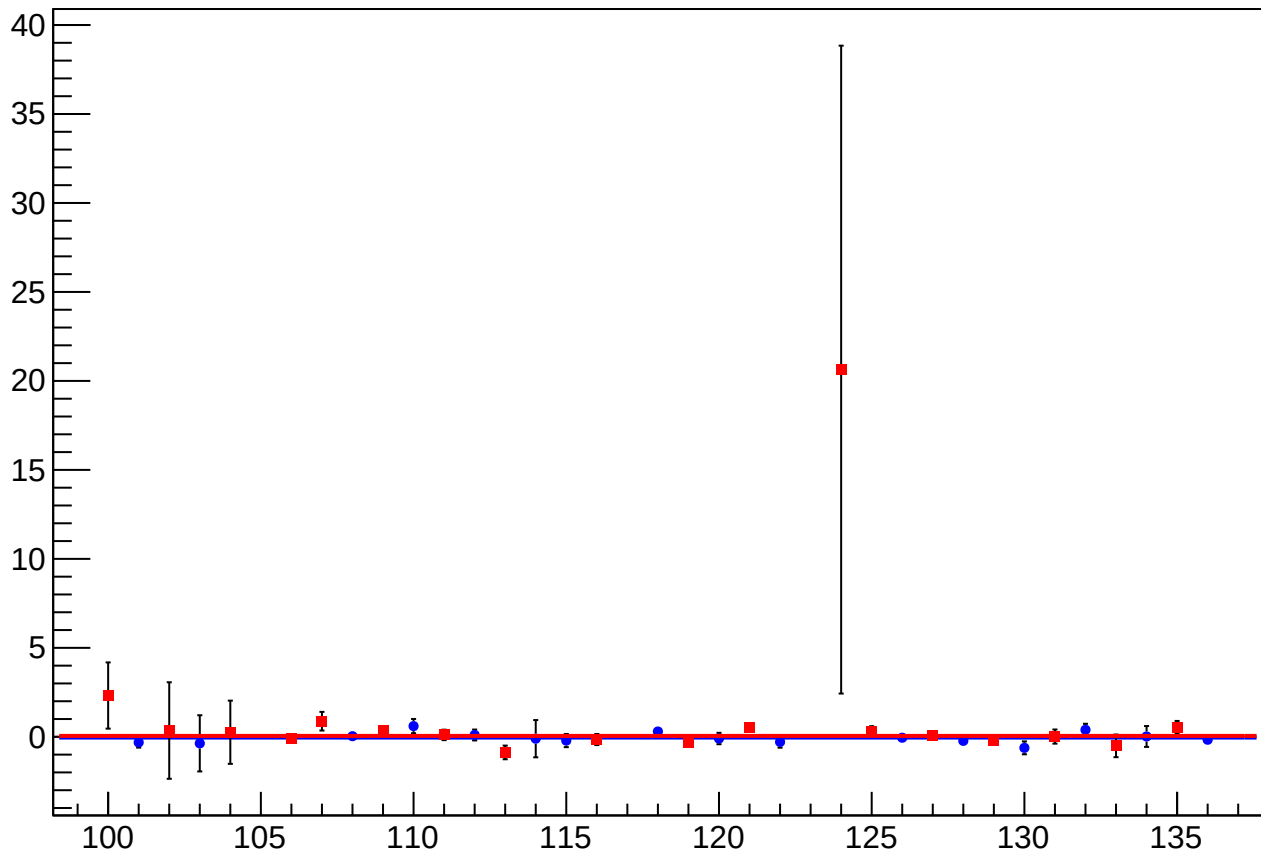
Right: 0.012+/-0.000 χ^2/NDF : 3915422.5/33

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 : 3915422.5/33

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: 0.052±/0.080 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

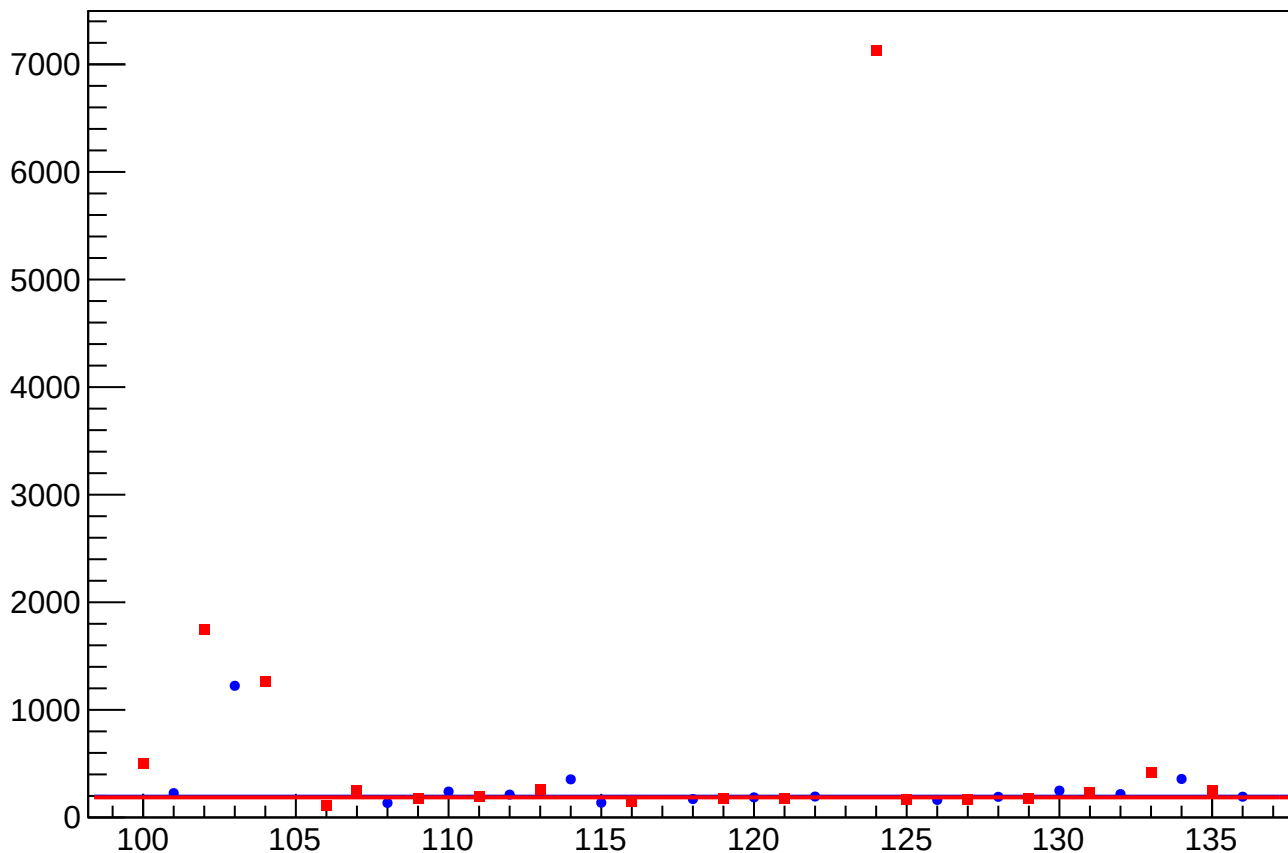
Right: 0.004±/0.056 χ^2/NDF : 35.4/33

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±/0.056 χ^2/NDF : 35.4/33

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: 186.607+/-0.057 χ^2/NDF : 2478681.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

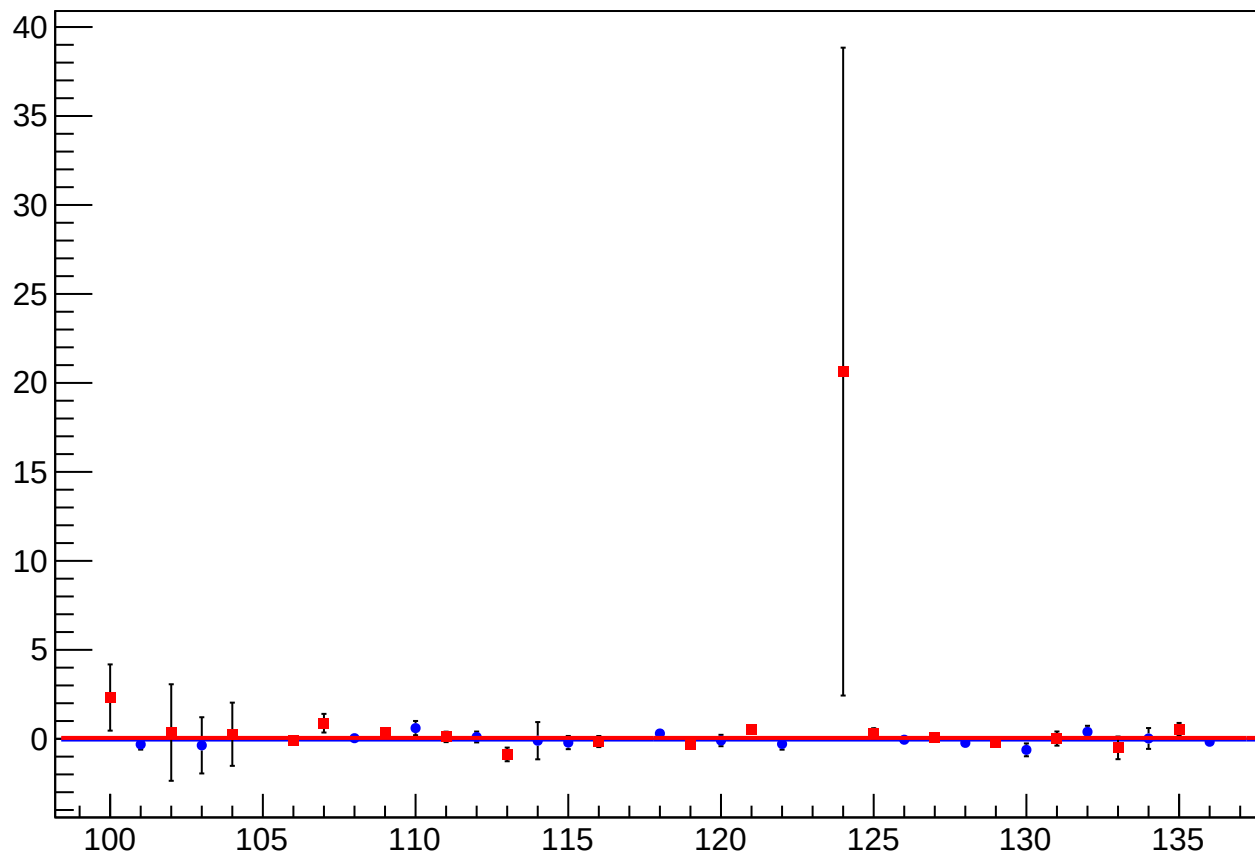
Right: 190.036+/-0.040 χ^2/NDF : 3894126.8/33

In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.036+/-0.040 χ^2/NDF : 3894126.8/33

asym_atl1r2_avg_eigen_dit_vs_eigen_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: 0.052 ± 0.080 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

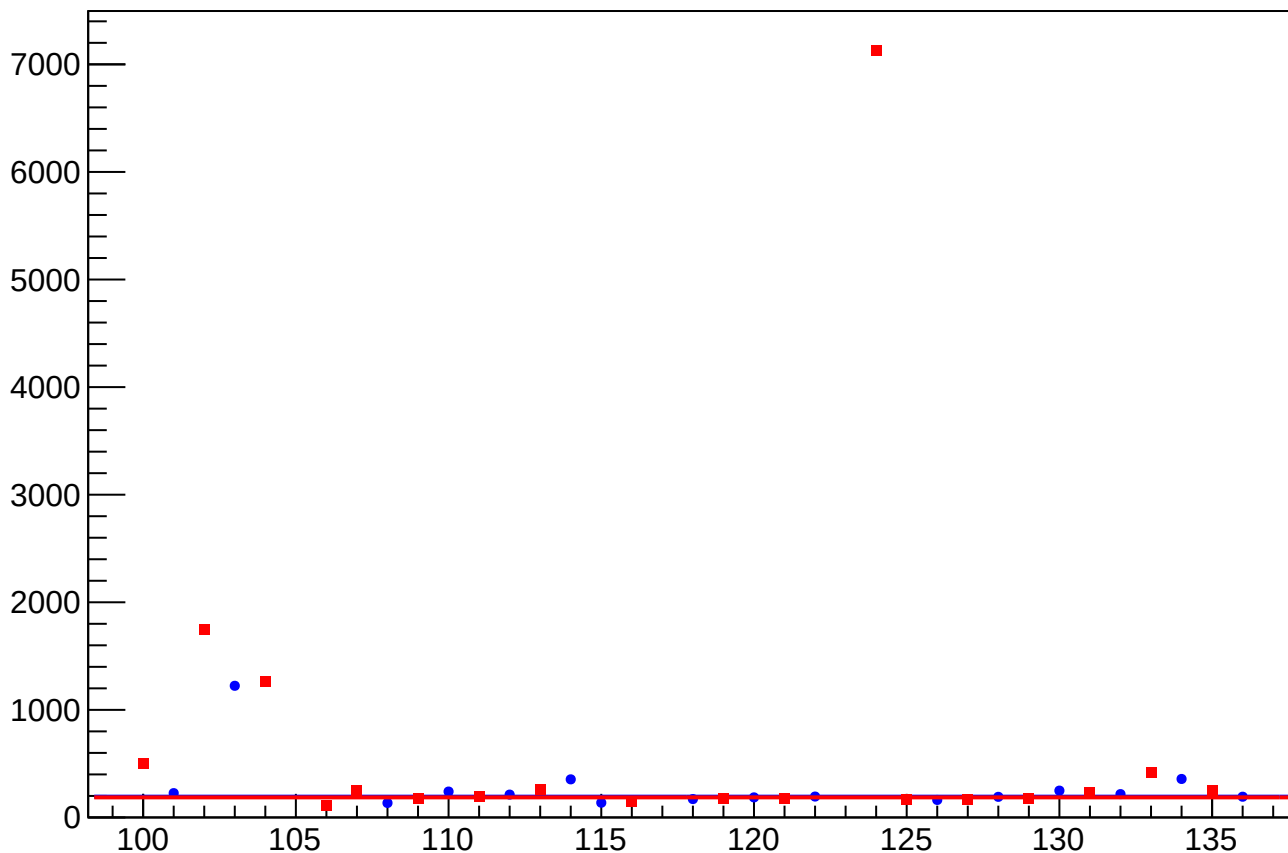
Right: 0.004 ± 0.056 χ^2/NDF : 35.4/33

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 ± 0.056 χ^2/NDF : 35.4/33

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: 186.607+/-0.057 χ^2/NDF : 2478681.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

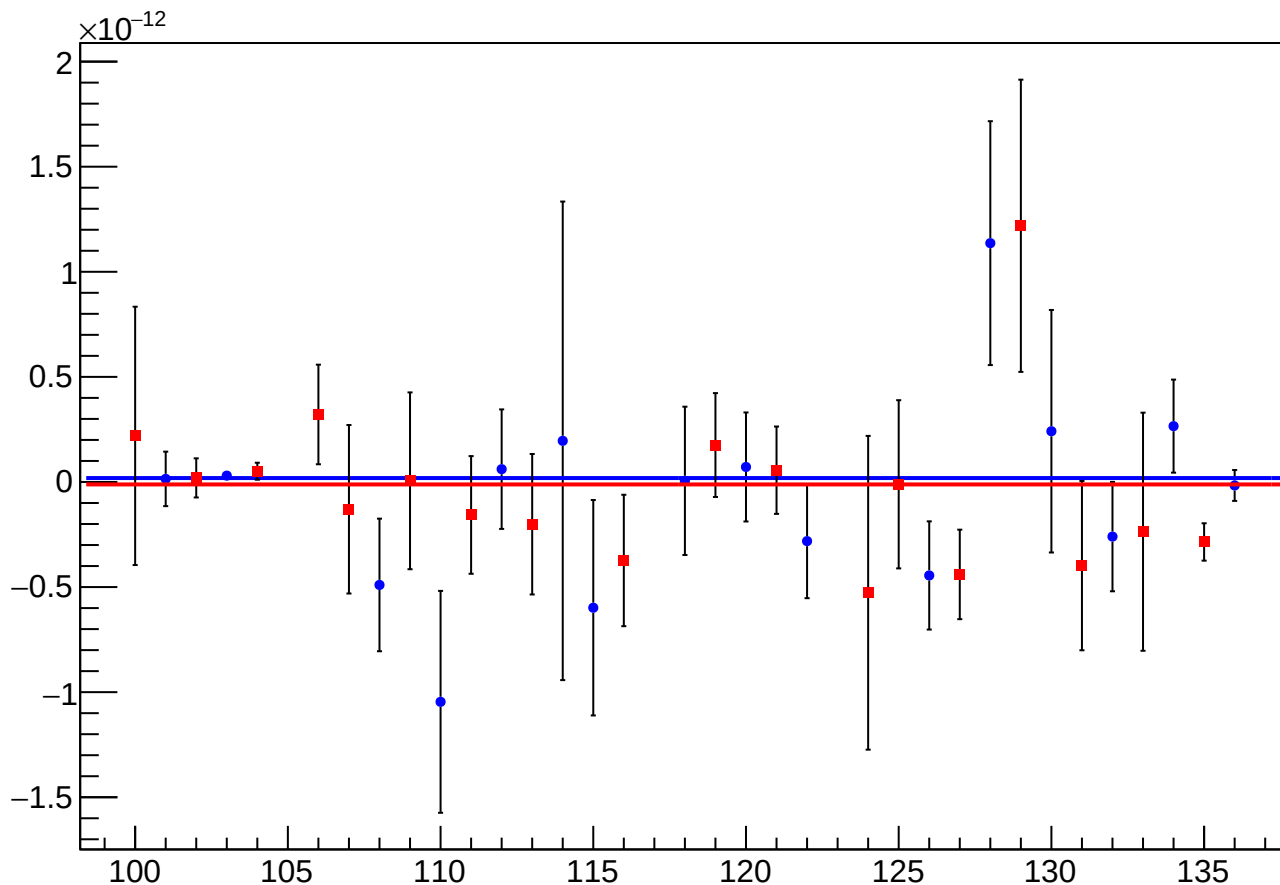
Right: 190.036+/-0.040 χ^2/NDF : 3894126.8/33

In: 193.247+/-0.055 χ^2/NDF : 1408390.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.036+/-0.040 χ^2/NDF : 3894126.8/33

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.6/17

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

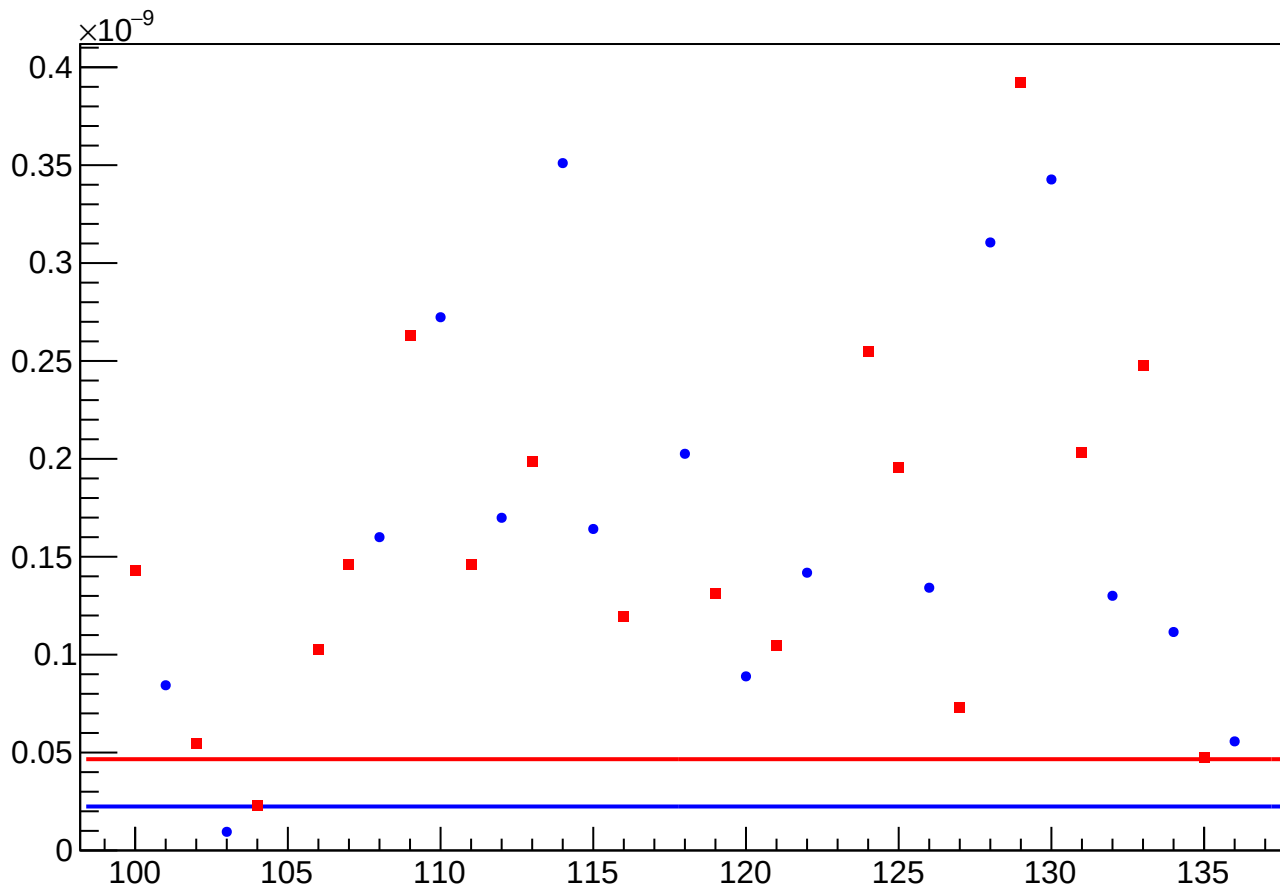
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 45.6/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:19.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 45.6/33

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 : 4181921.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

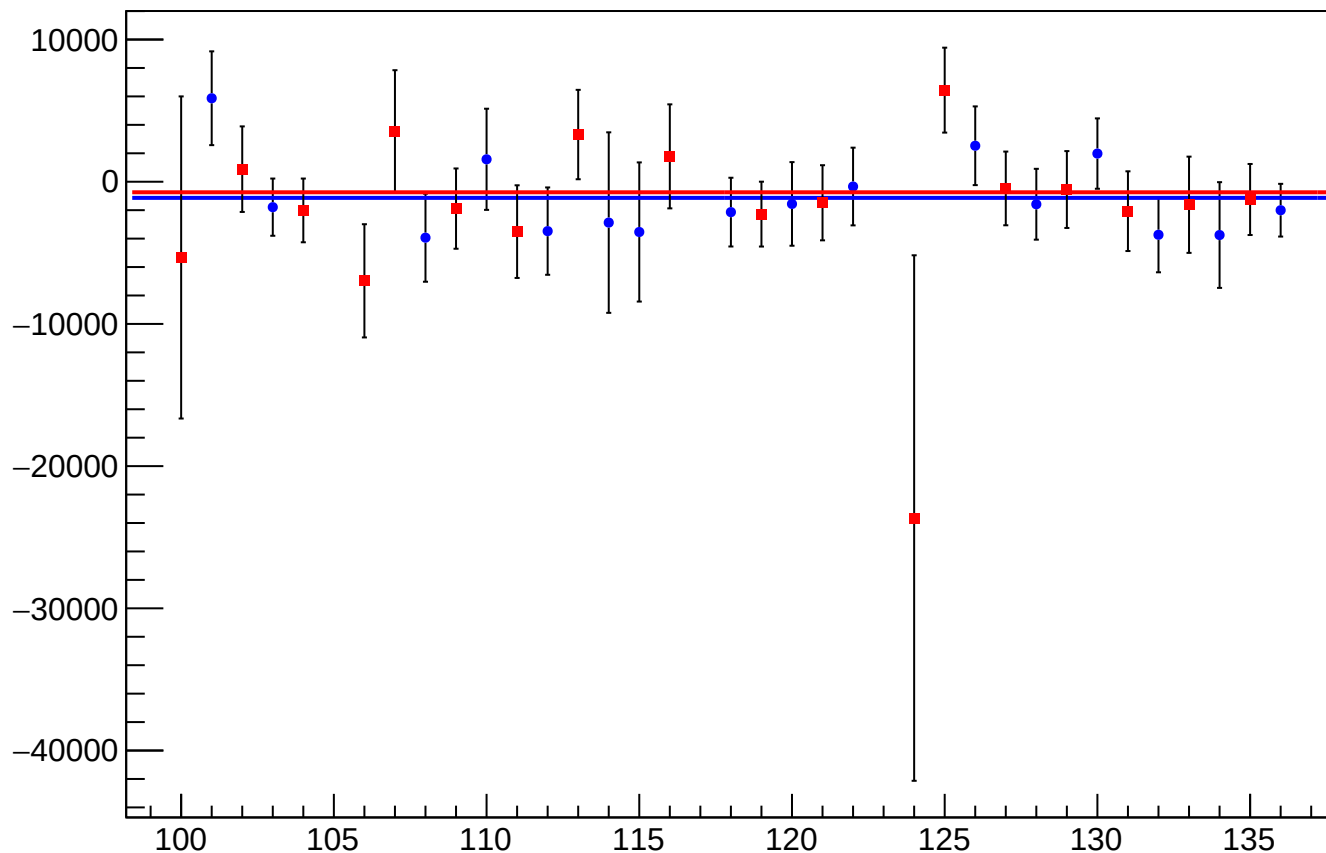
Right: 0.000+/-0.000 χ^2/NDF : 11413200.4/33

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 : 11413200.4/33

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: -742.784+/-717.760 χ^2/NDF : 15.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

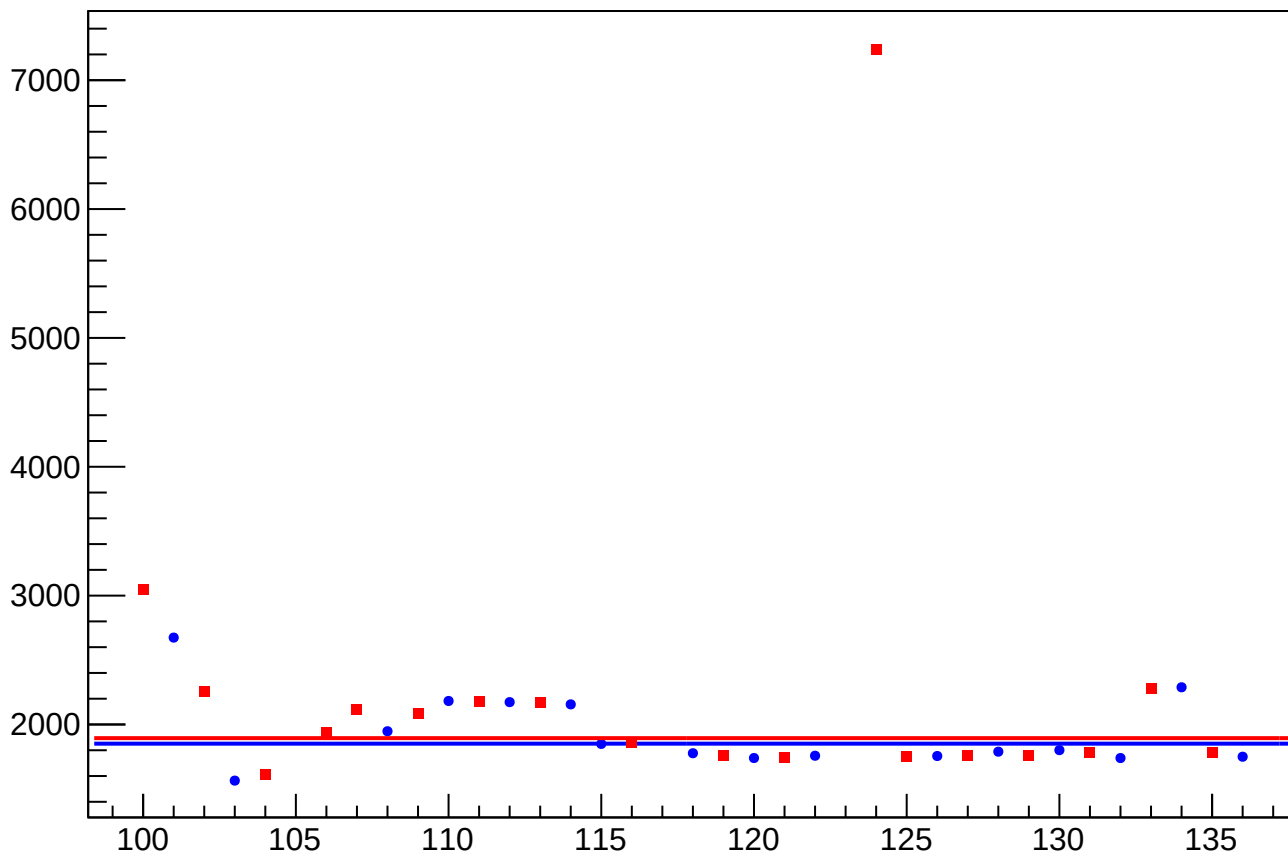
Right: -945.361+/-498.839 χ^2/NDF : 27.8/33

In: -1134.630+/-693.782 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -945.361+/-498.839 χ^2/NDF : 27.8/33

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: 1893.988+/-0.506 χ^2/NDF : 356519.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

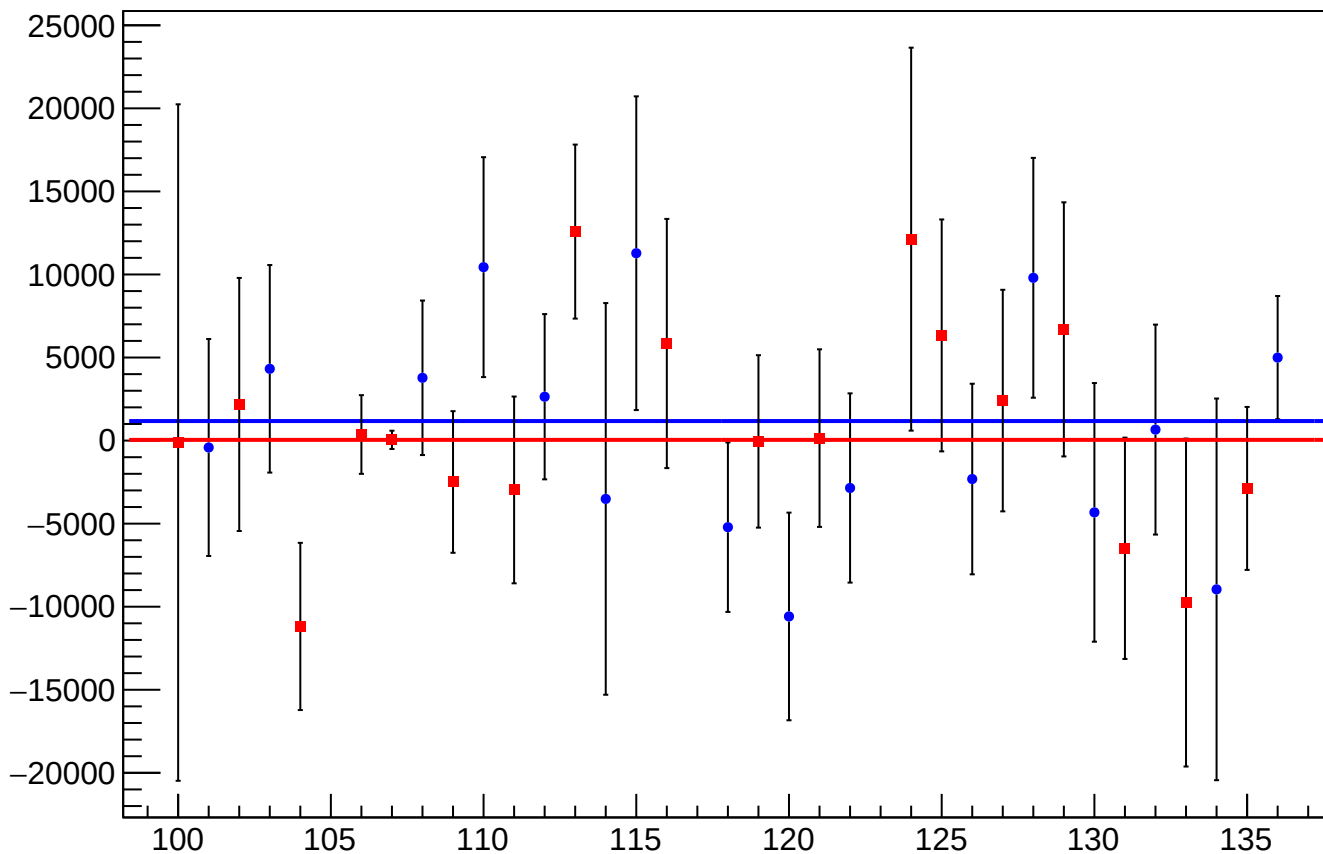
Right: 1871.883+/-0.352 χ^2/NDF : 620196.1/33

In: 1851.130+/-0.491 χ^2/NDF : 259981.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1871.883+/-0.352 χ^2/NDF : 620196.1/33

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: 42.910+/-506.800 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

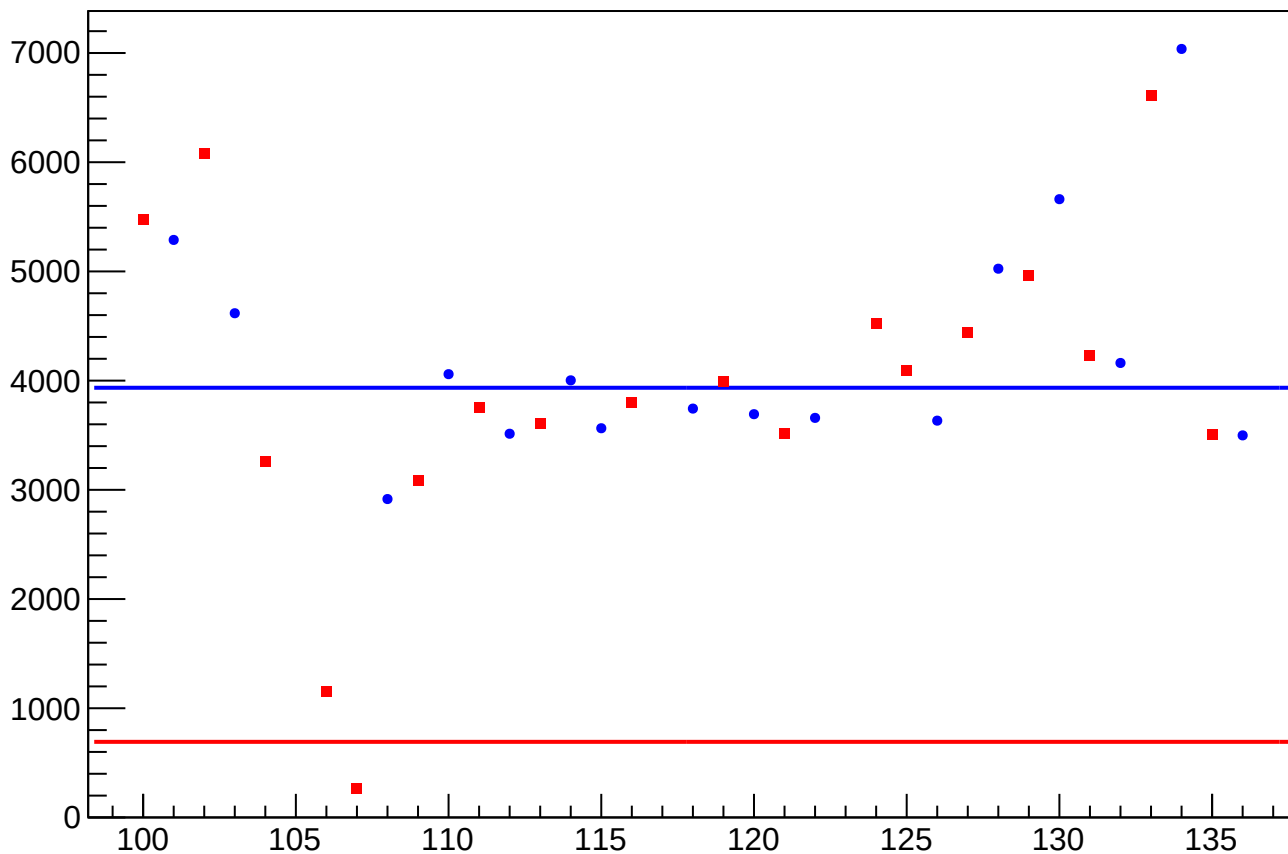
Right: 158.651+/-480.205 χ^2/NDF : 31.4/33

In: 1175.430+/-1502.128 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.651+/-480.205 χ^2/NDF : 31.4/33

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: 692.379+/-0.358 χ^2/NDF : 10361329.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

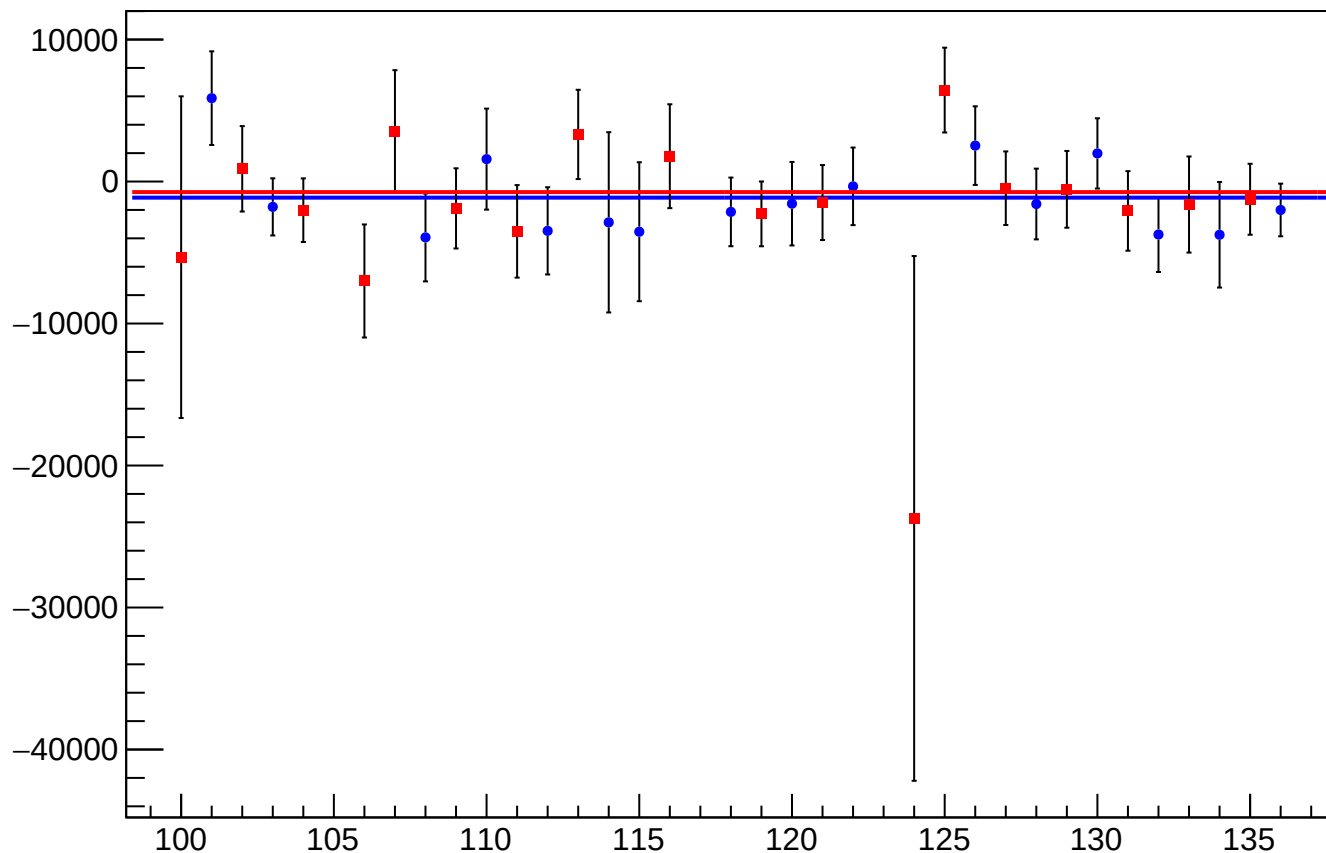
Right: 1023.737+/-0.340 χ^2/NDF : 19287376.4/33

In: 3934.718+/-1.062 χ^2/NDF : 560125.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1023.737+/-0.340 χ^2/NDF : 19287376.4/33

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: -743.174+/-717.762 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

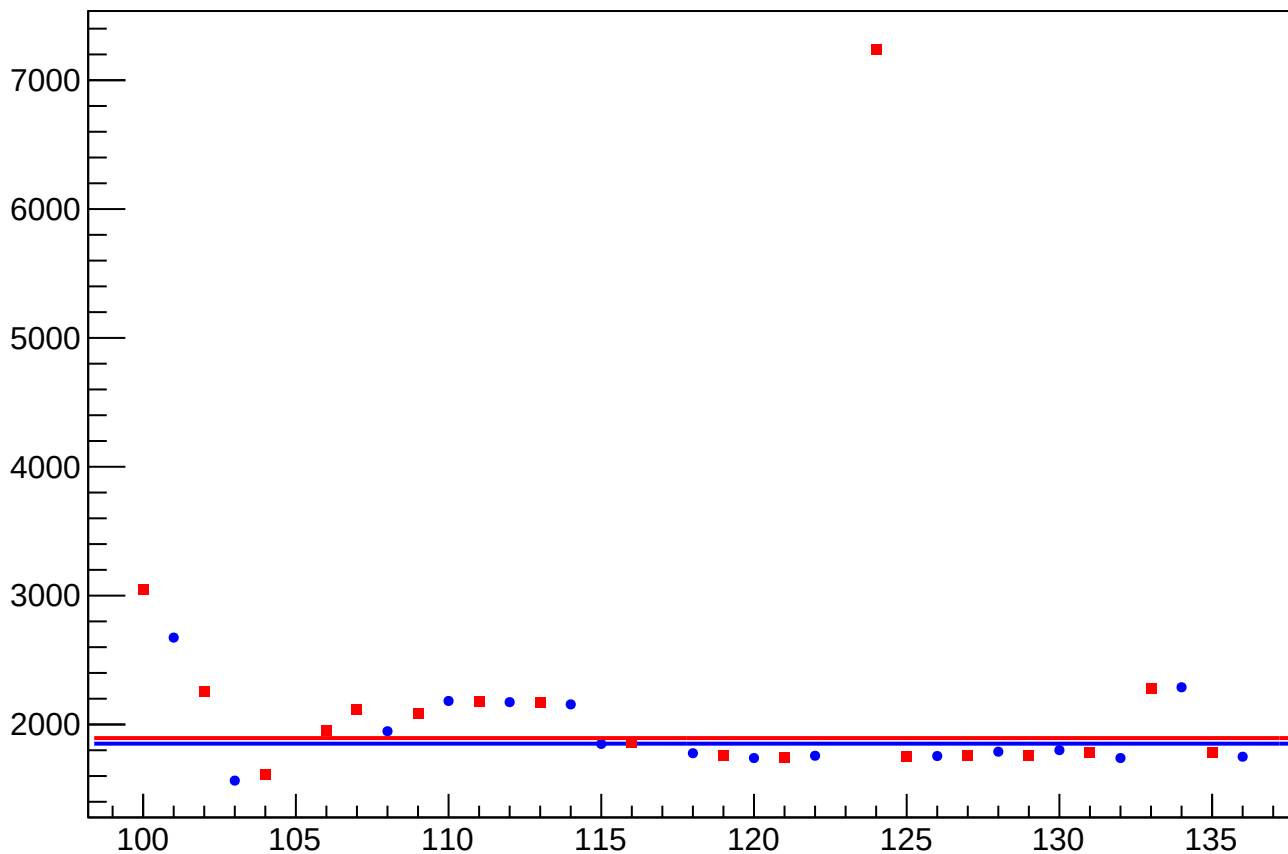
Right: -945.329+/-498.840 χ^2/NDF : 27.9/33

In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -945.329+/-498.840 χ^2/NDF : 27.9/33

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: 1894.464+/-0.506 χ^2/NDF : 356722.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

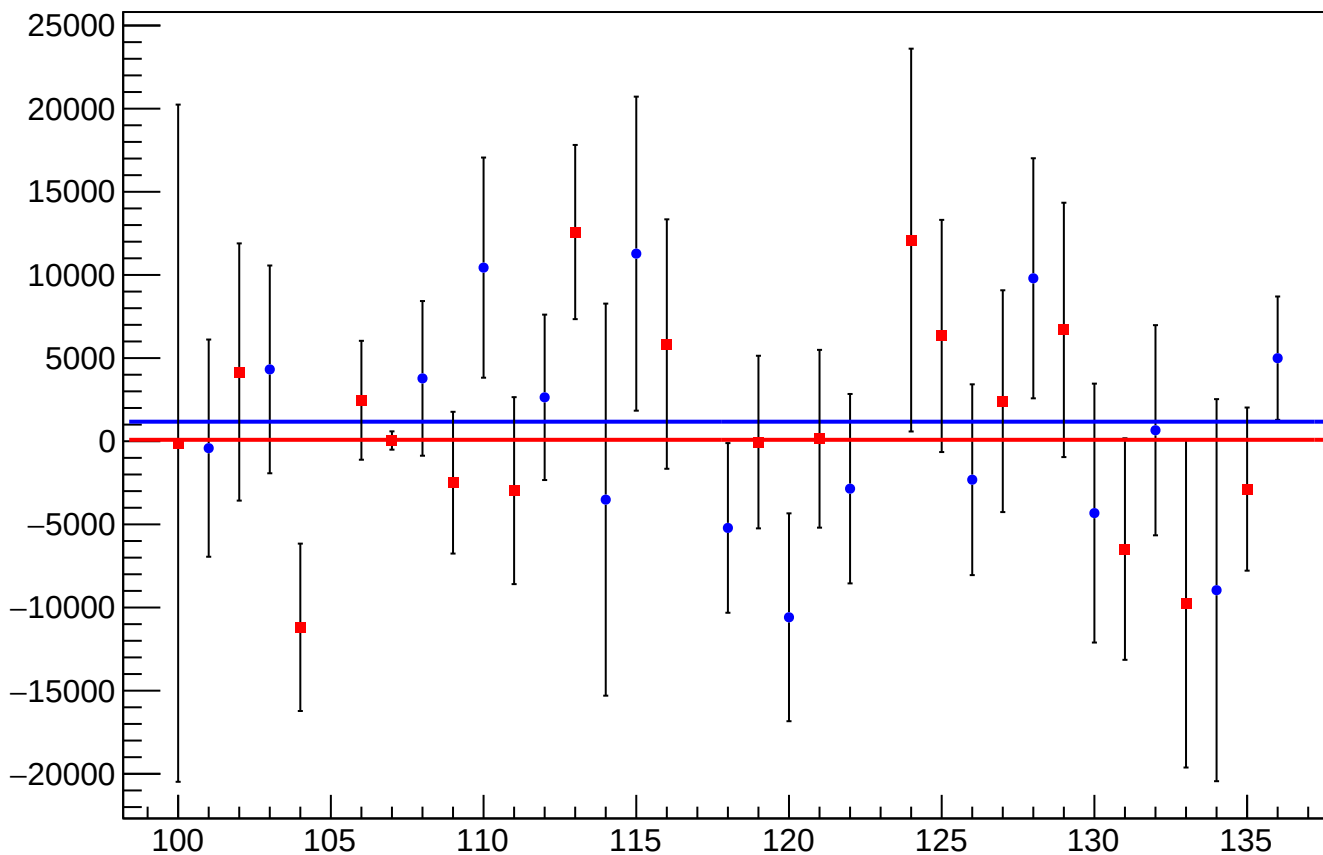
Right: 1872.108+/-0.352 χ^2/NDF : 620479.9/33

In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.108+/-0.352 χ^2/NDF : 620479.9/33

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: 85.551 $\pm$ 513.440 χ^2 /NDF: 17.8/17

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

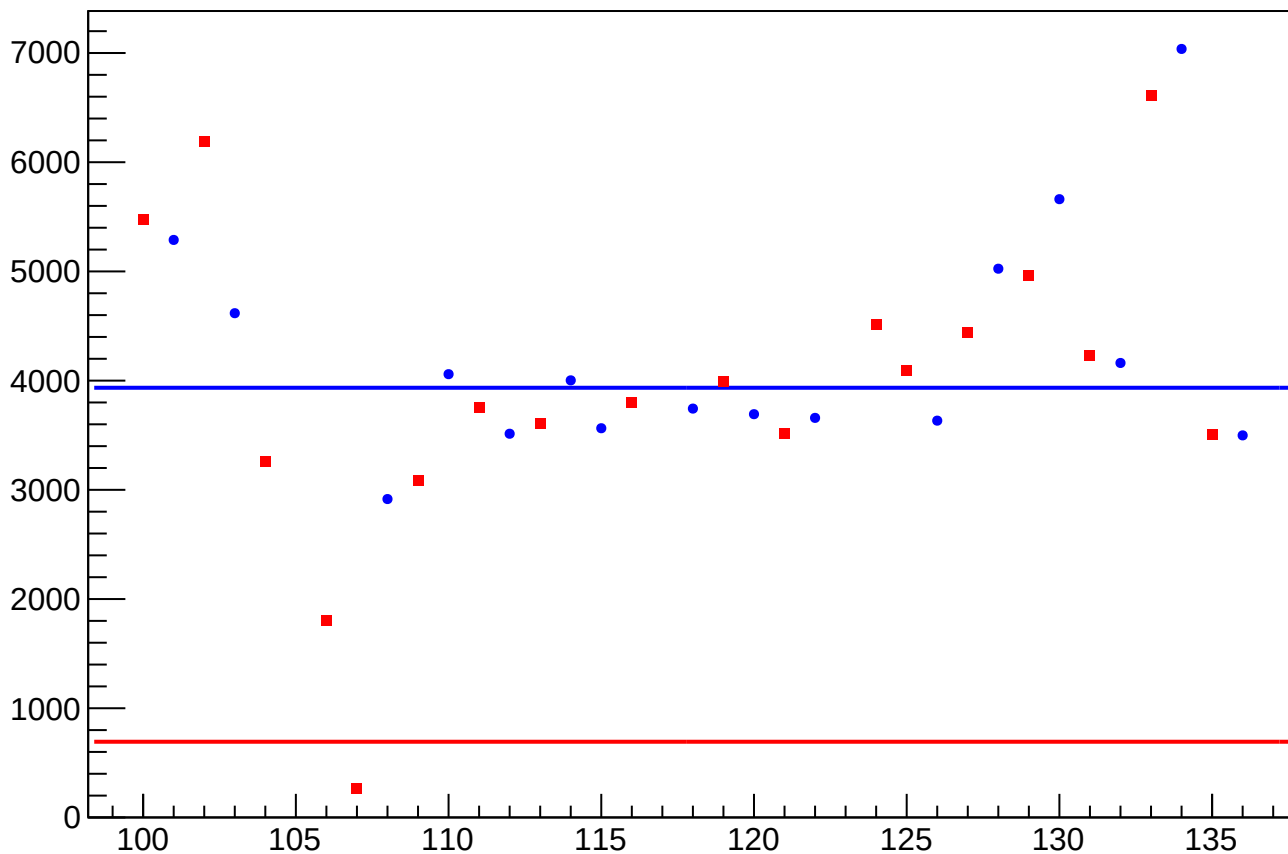
Right: 199.561 $\pm$ 485.843 χ^2 /NDF: 32.0/33

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: 199.561 $\pm$ 485.843 χ^2 /NDF: 32.0/33

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: 693.302+/-0.363 χ^2/NDF : 10490098.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

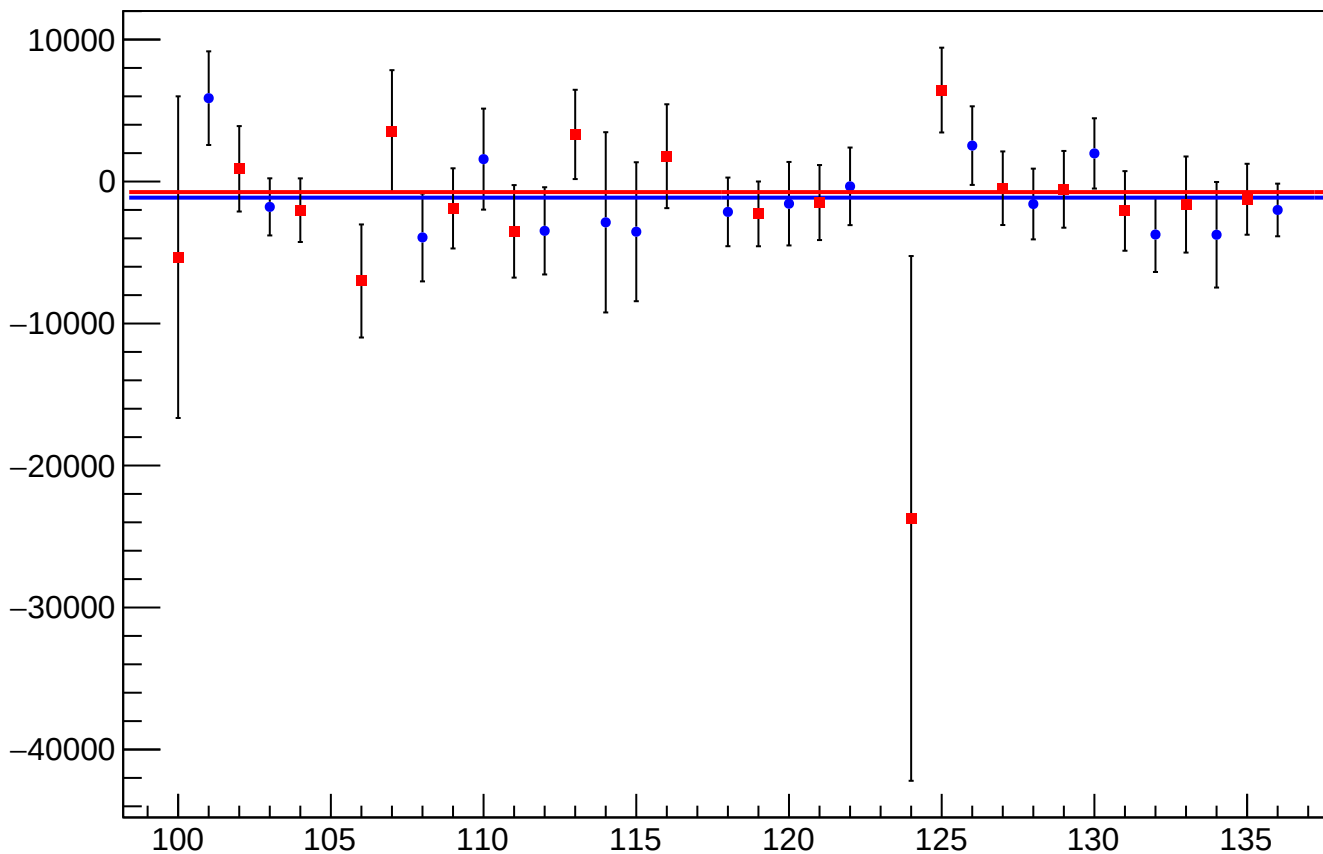
Right: 1032.388+/-0.344 χ^2/NDF : 19388915.5/33

In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.388+/-0.344 χ^2/NDF : 19388915.5/33

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: -743.174+/-717.762 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

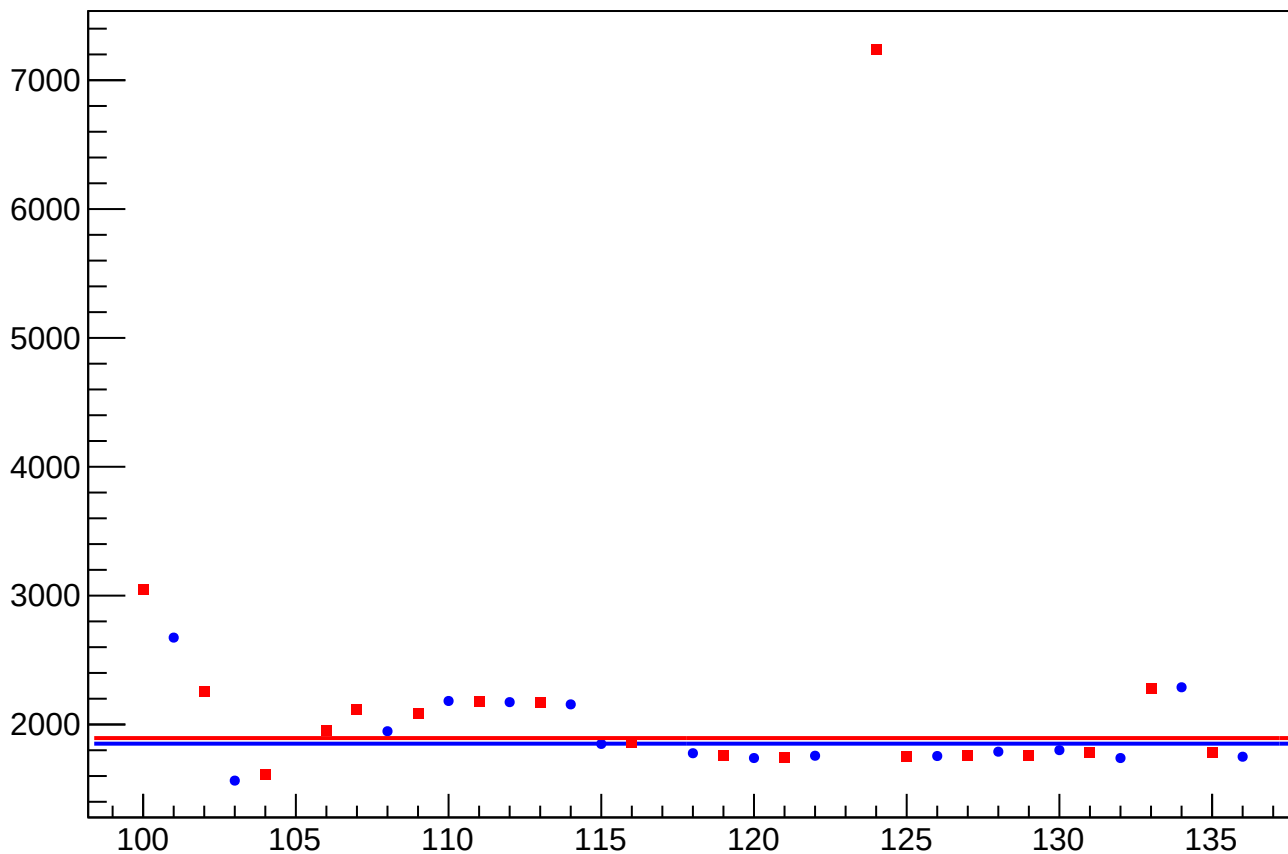
Right: -945.329+/-498.840 χ^2/NDF : 27.9/33

In: -1134.203+/-693.782 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -945.329+/-498.840 χ^2/NDF : 27.9/33

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: 1894.464+/-0.506 χ^2/NDF : 356722.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

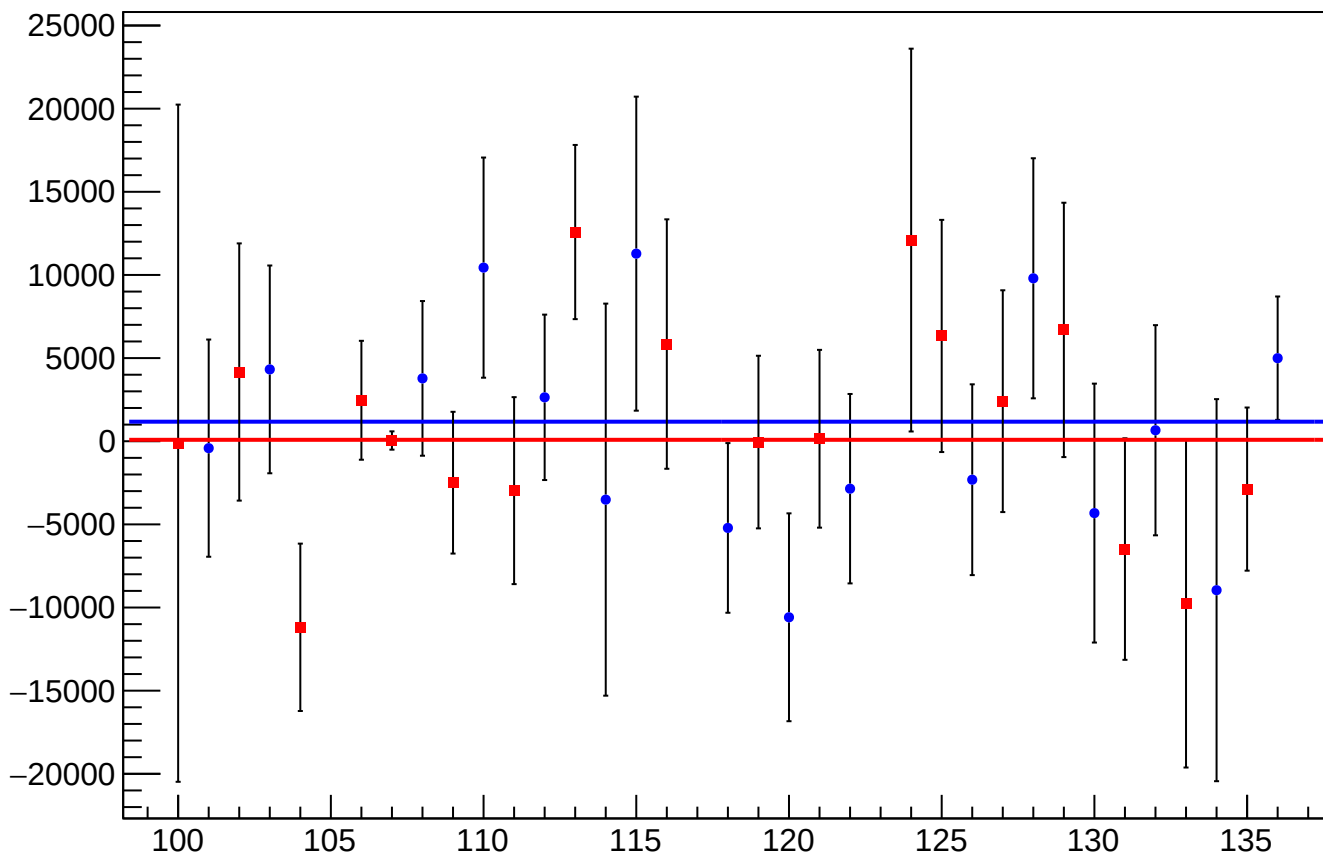
Right: 1872.108+/-0.352 χ^2/NDF : 620479.9/33

In: 1851.131+/-0.491 χ^2/NDF : 259980.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1872.108+/-0.352 χ^2/NDF : 620479.9/33

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 1175.408+/-1502.134 χ^2/NDF : 13.7/15

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

Right Out: 85.551+/-513.440 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

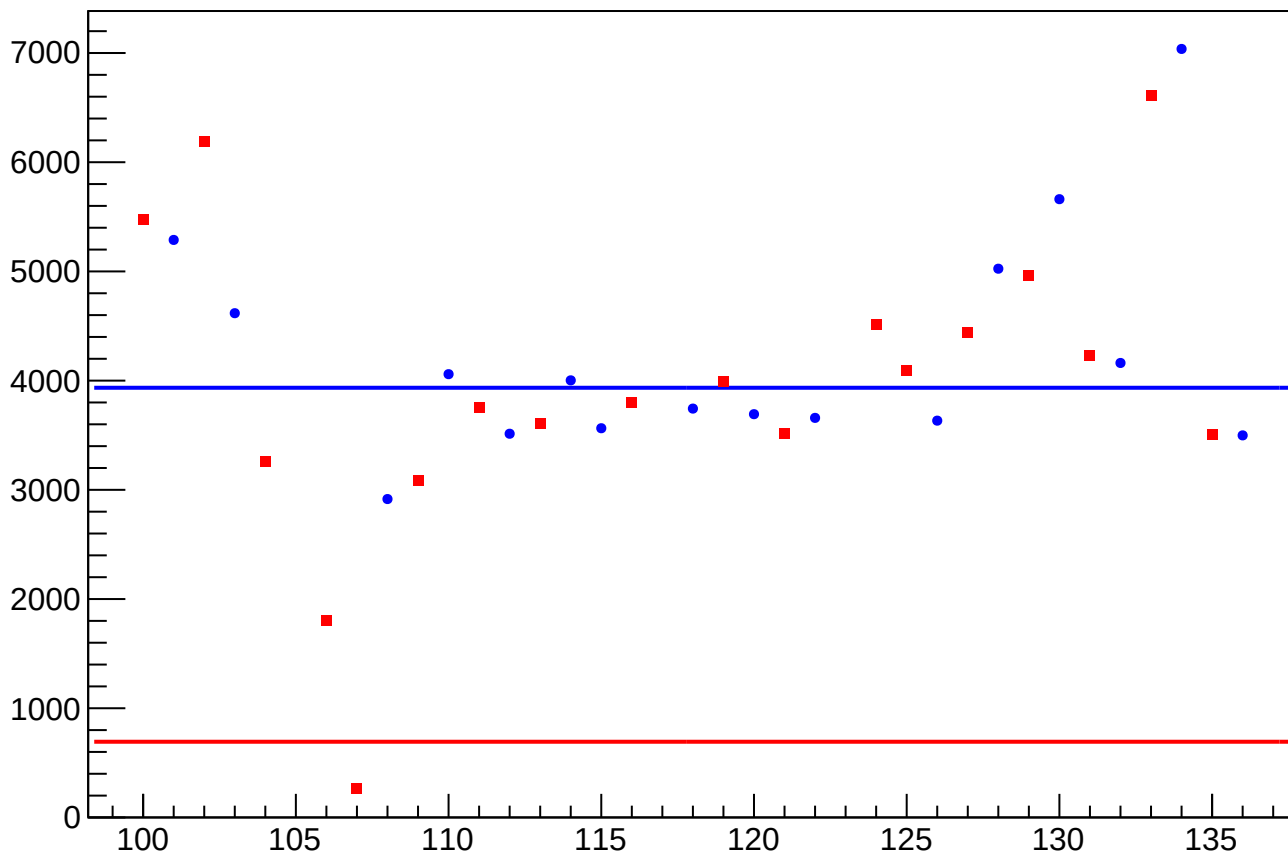
Right: 199.561+/-485.843 χ^2/NDF : 32.0/33

In: 1175.408+/-1502.134 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 199.561+/-485.843 χ^2/NDF : 32.0/33

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: 693.302+/-0.363 χ^2/NDF : 10490098.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

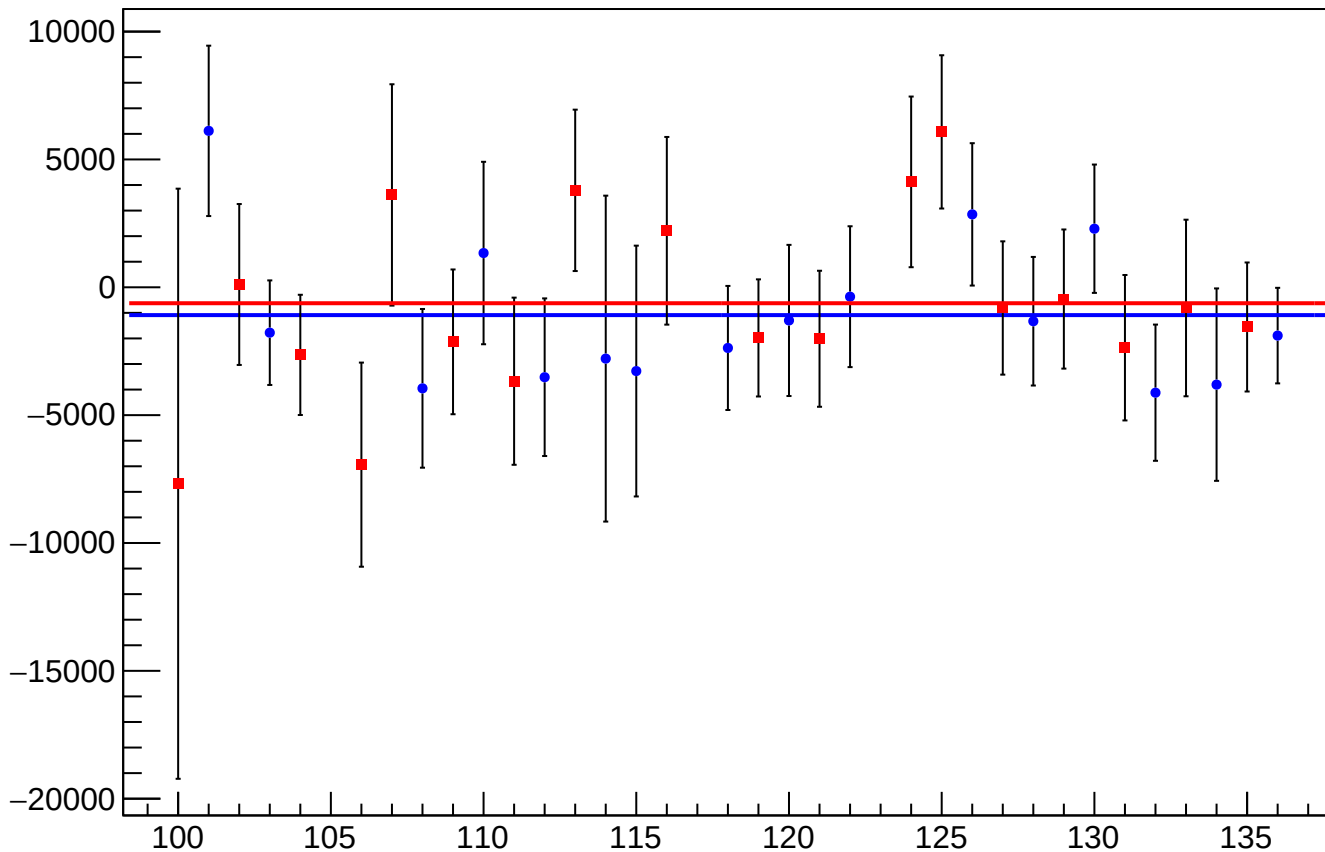
Right: 1032.388+/-0.344 χ^2/NDF : 19388915.5/33

In: 3934.727+/-1.062 χ^2/NDF : 560149.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1032.388+/-0.344 χ^2/NDF : 19388915.5/33

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: -623.215+/-710.911 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

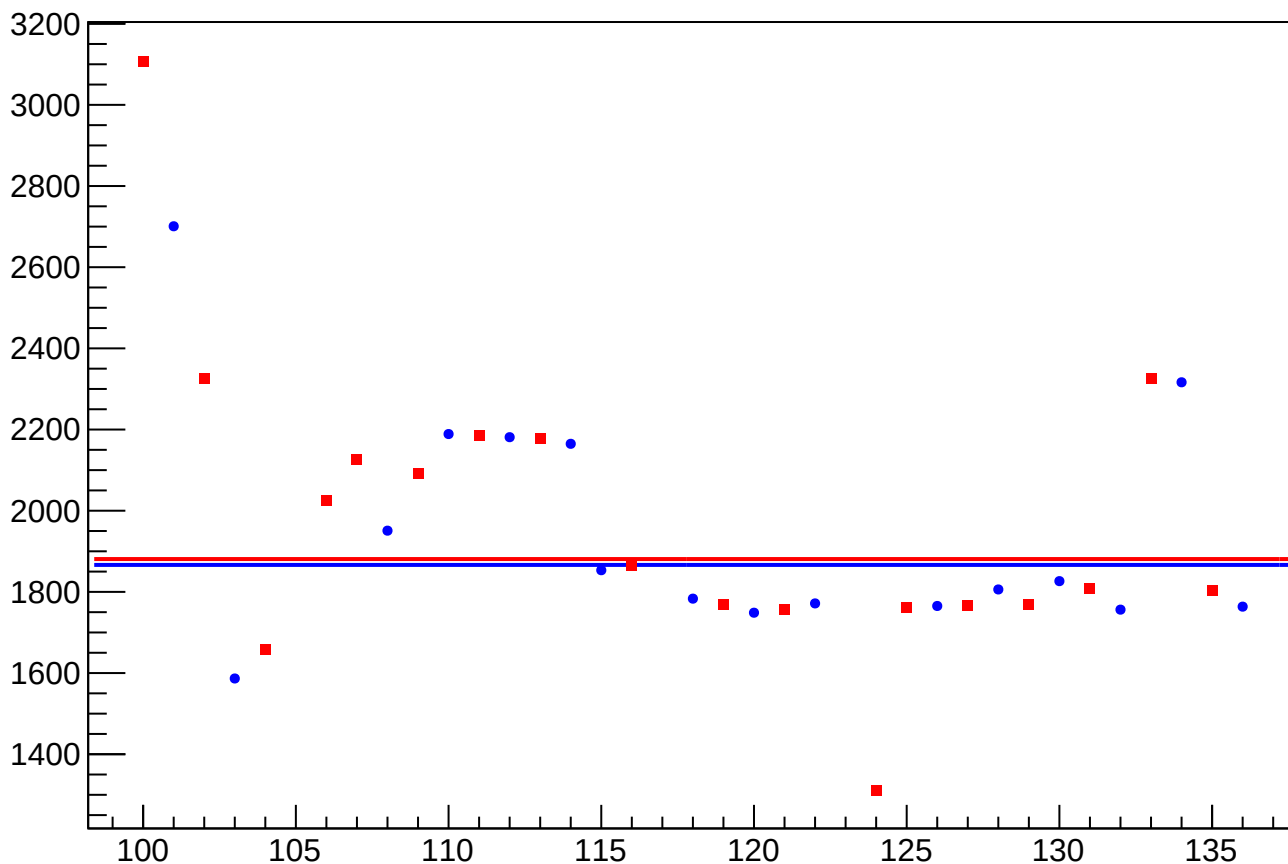
Right: -859.205+/-498.635 χ^2/NDF : 29.9/33

In: -1087.731+/-699.579 χ^2/NDF : 13.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -859.205+/-498.635 χ^2/NDF : 29.9/33

dit_asym_atl1r2_dd_rms vs Slug, Sign Corrected



Right In: 1866.456+/-0.495 χ^2/NDF : 256262.4/15

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

Right Out: 1880.899+/-0.502 χ^2/NDF : 250522.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

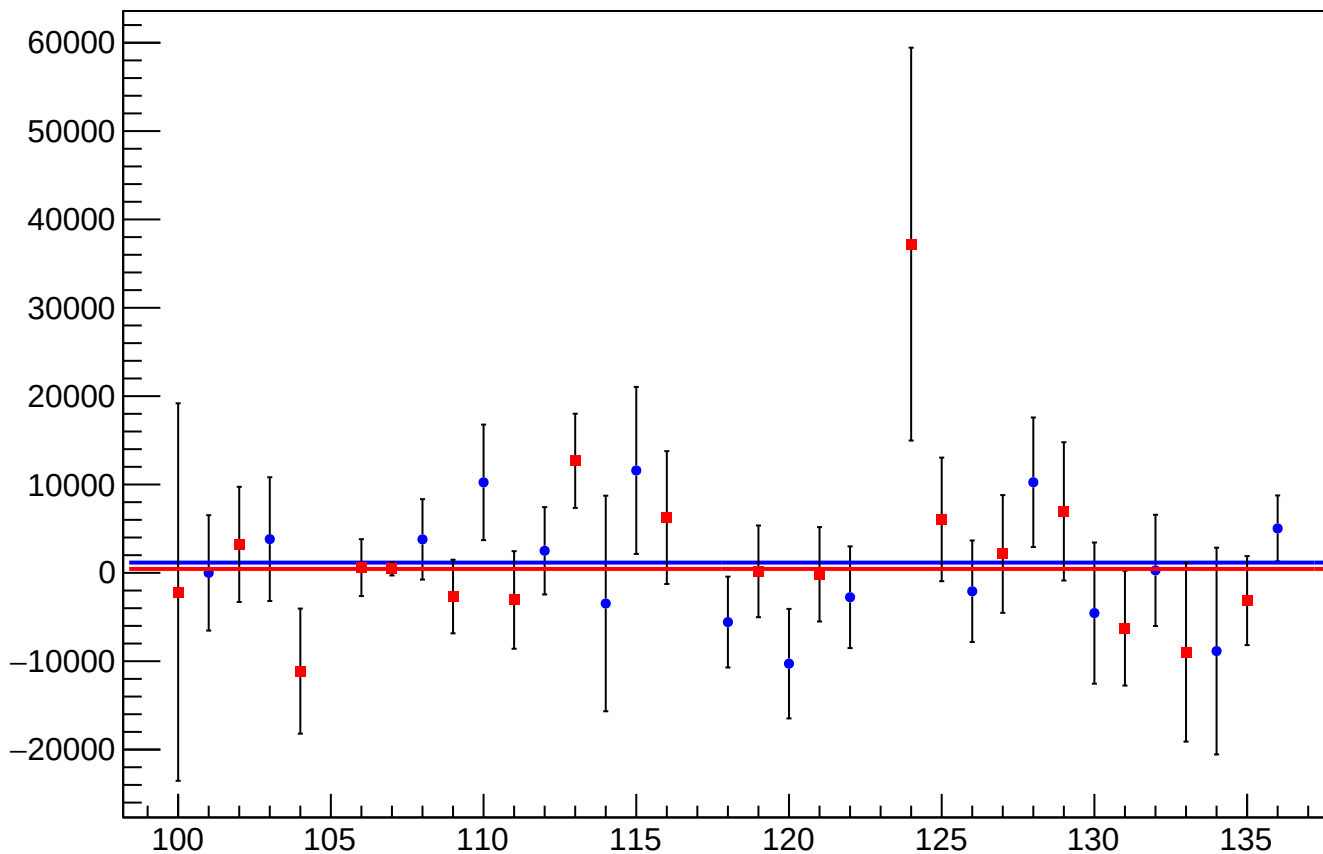
Right: 1873.568+/-0.352 χ^2/NDF : 507204.3/33

In: 1866.456+/-0.495 χ^2/NDF : 256262.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1873.568+/-0.352 χ^2/NDF : 507204.3/33

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: 448.058+/-660.825 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

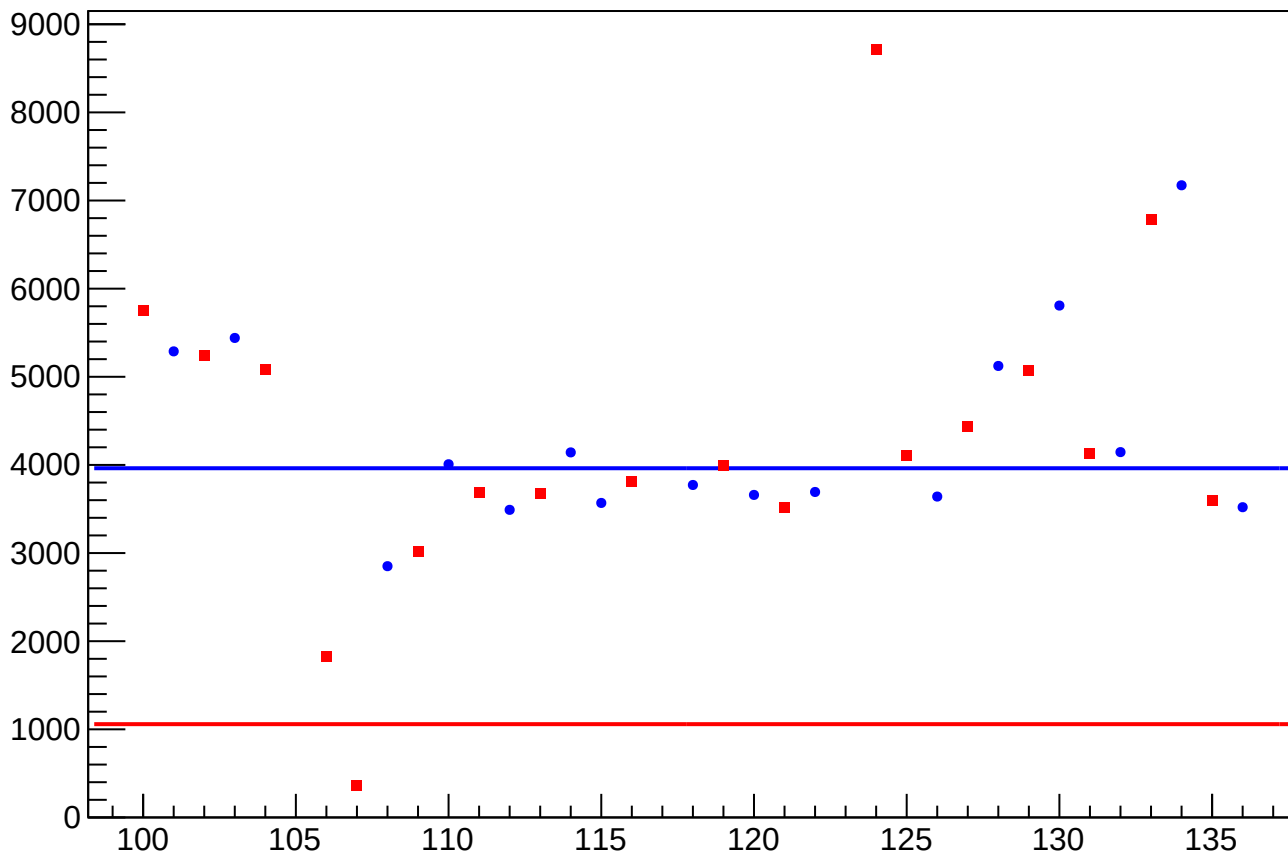
Right: 562.391+/-605.533 χ^2/NDF : 30.1/33

In: 1161.124+/-1512.225 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.391+/-605.533 χ^2/NDF : 30.1/33

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: 1058.583+/-0.467 χ^2/NDF : 9360688.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

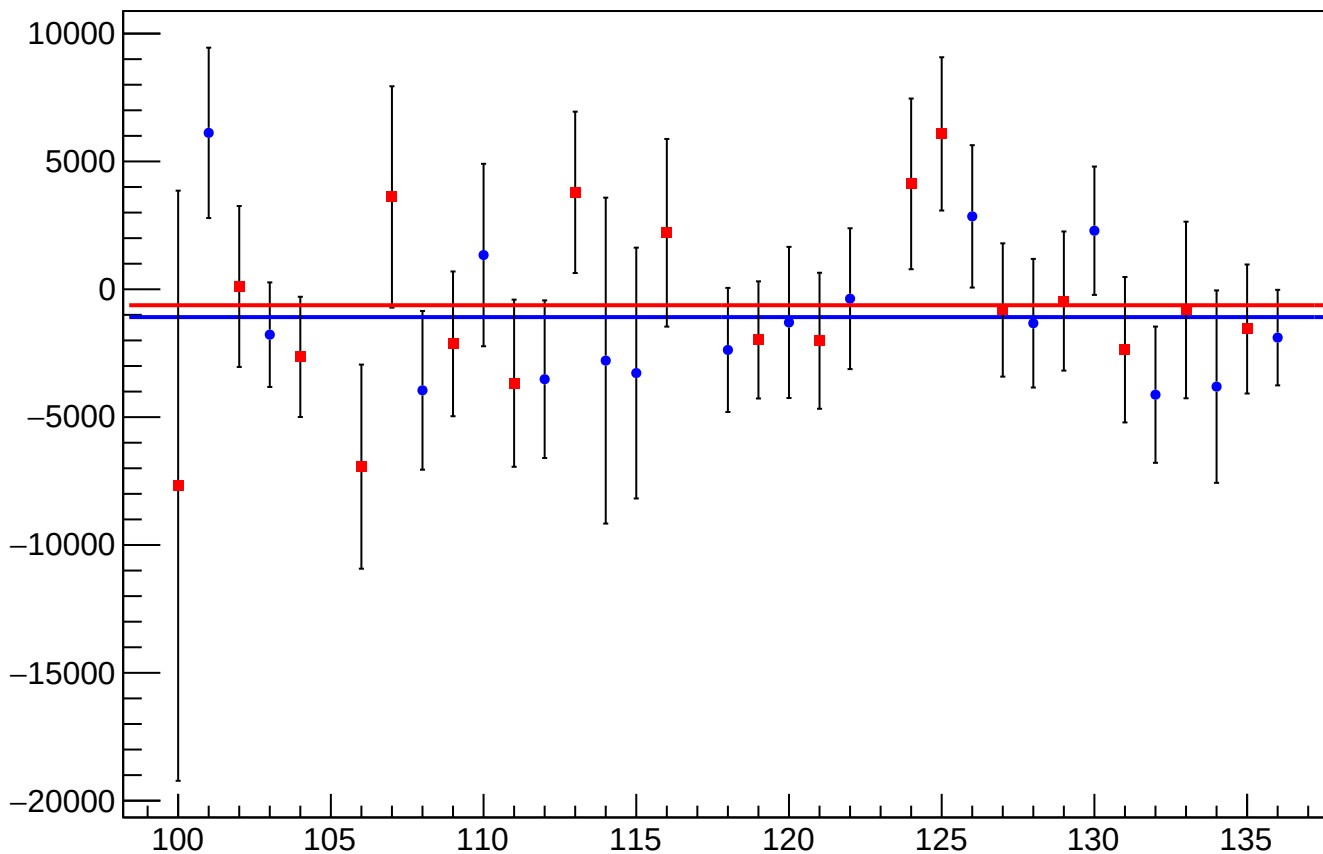
Right: 1524.178+/-0.428 χ^2/NDF : 16221002.7/33

In: 3962.368+/-1.069 χ^2/NDF : 668339.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.178+/-0.428 χ^2/NDF : 16221002.7/33

eigen_dit_asym_atl1r2_dd_mean vs Slug, Sign Corrected



Right In: -1087.736 ± 699.579 χ^2/NDF : 13.2/15

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

Right Out: -623.221 ± 710.911 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

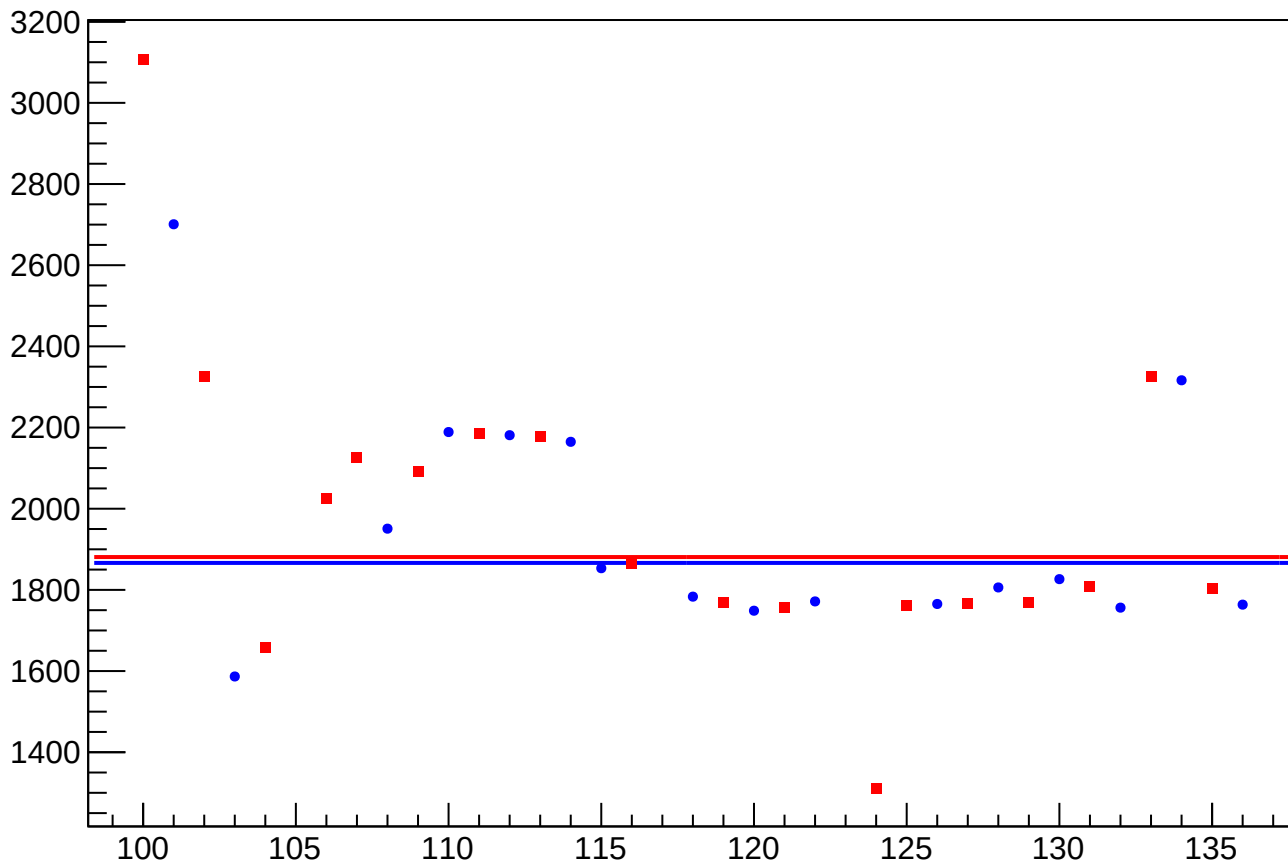
Right: -859.210 ± 498.635 χ^2/NDF : 29.9/33

In: -1087.736 ± 699.579 χ^2/NDF : 13.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -859.210 ± 498.635 χ^2/NDF : 29.9/33

eigen_dit_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: 1880.899+/-0.502 χ^2/NDF : 250522.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

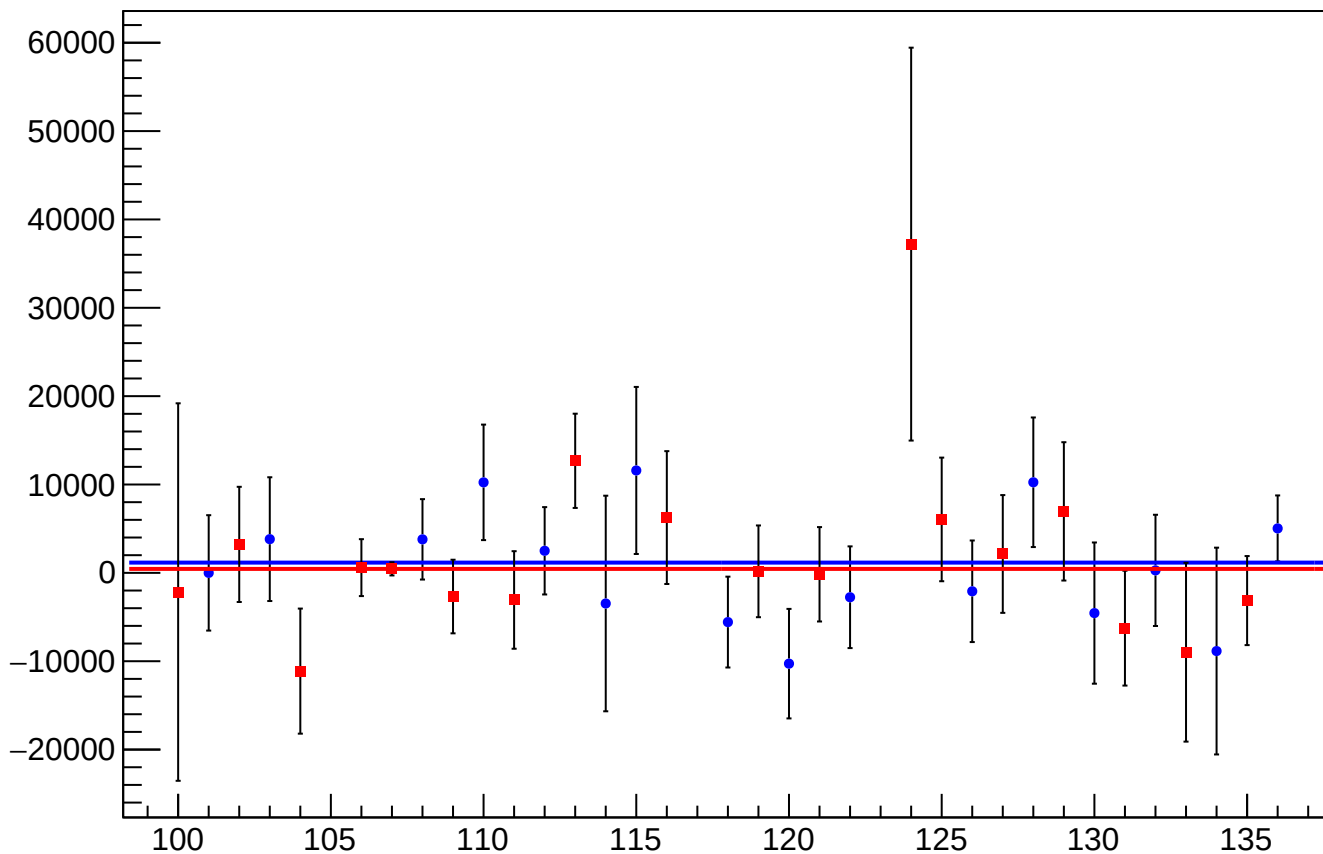
Right: 1873.567+/-0.352 χ^2/NDF : 507204.6/33

In: 1866.456+/-0.495 χ^2/NDF :256262.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1873.567+/-0.352 χ^2/NDF : 507204.6/33

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: 448.064+/-660.836 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

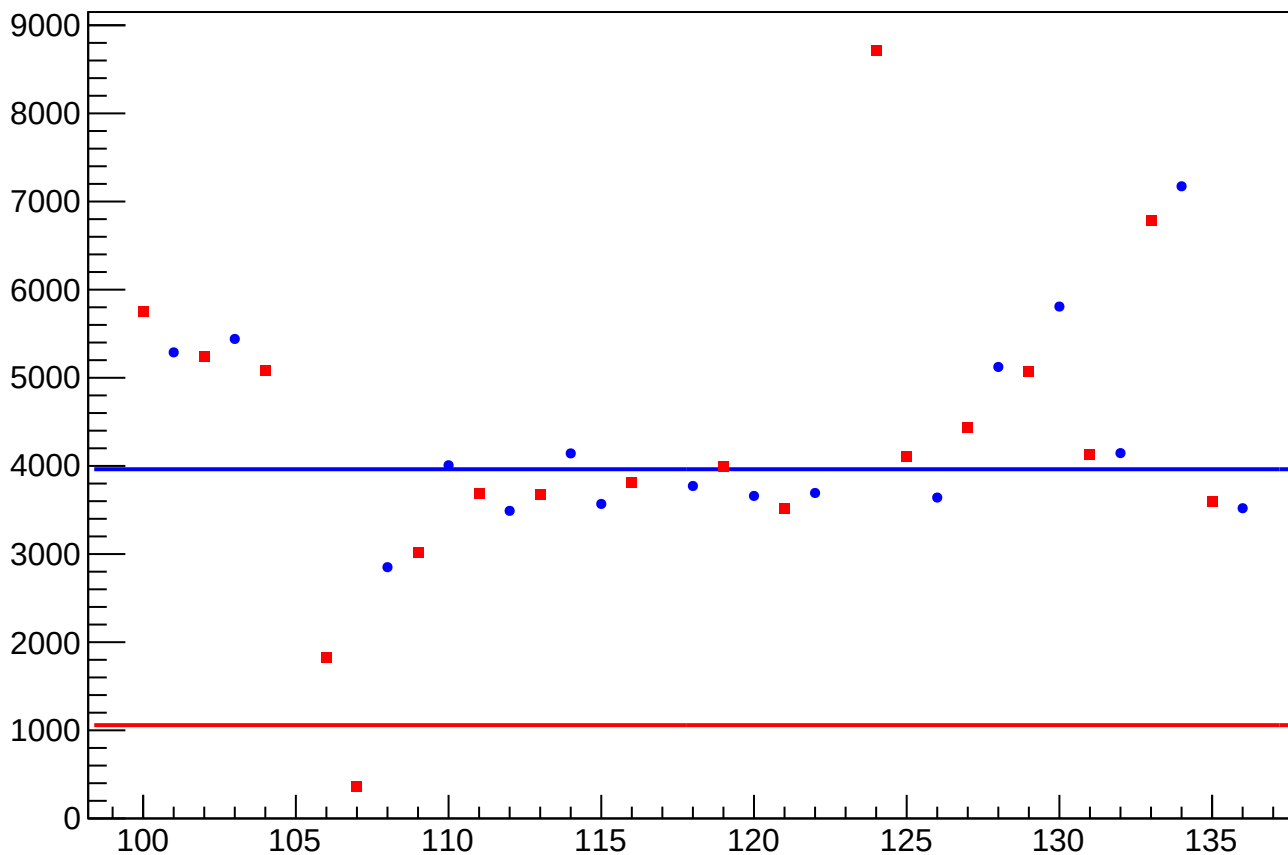
Right: 562.397+/-605.542 χ^2/NDF : 30.1/33

In: 1161.104+/-1512.222 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.397+/-605.542 χ^2/NDF : 30.1/33

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: 1058.614+/-0.467 χ^2/NDF : 9360563.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

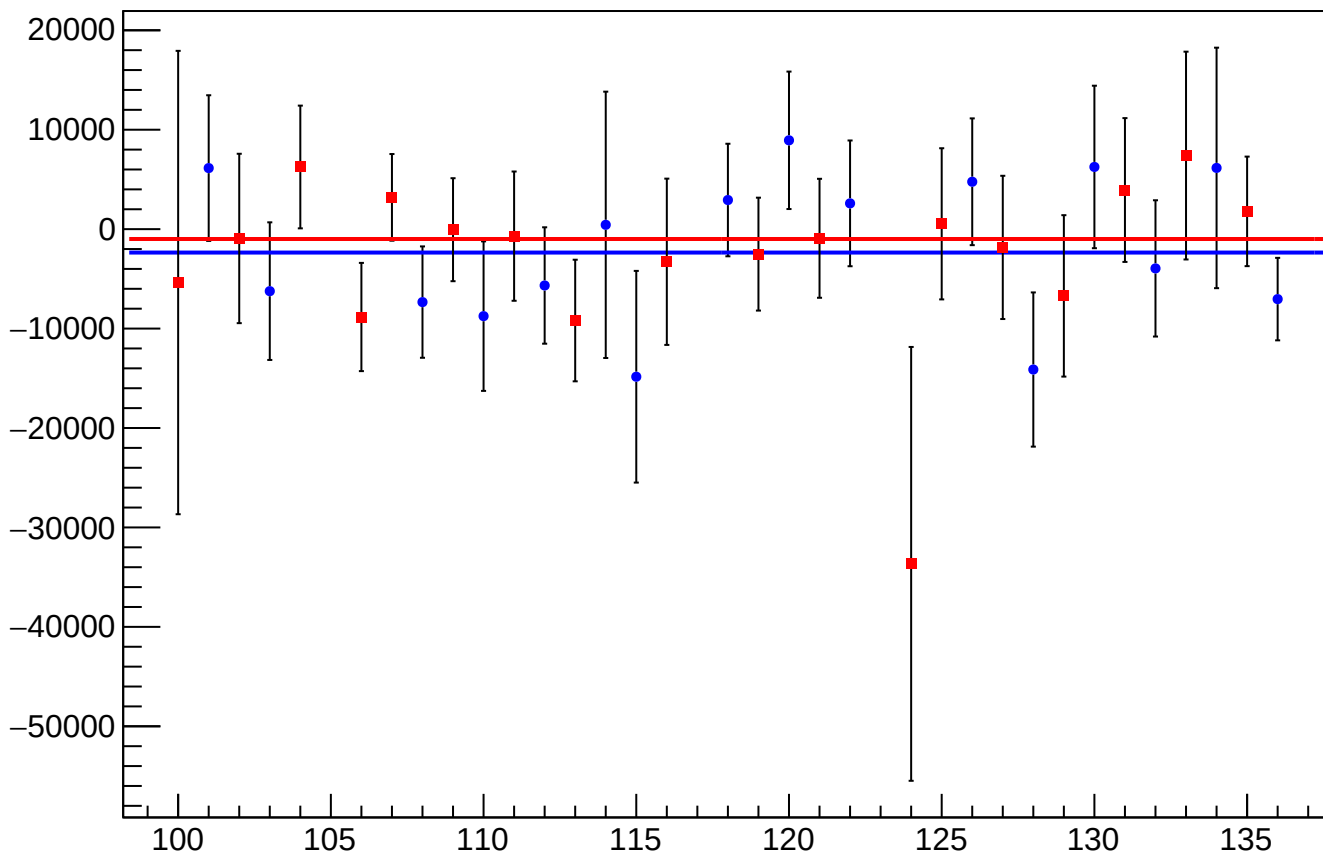
Right: 1524.216+/-0.428 χ^2/NDF : 16220702.4/33

In: 3962.361+/-1.069 χ^2/NDF : 668335.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1524.216+/-0.428 χ^2/NDF : 16220702.4/33

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: -990.560 ± 1572.556 χ^2/NDF : 10.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

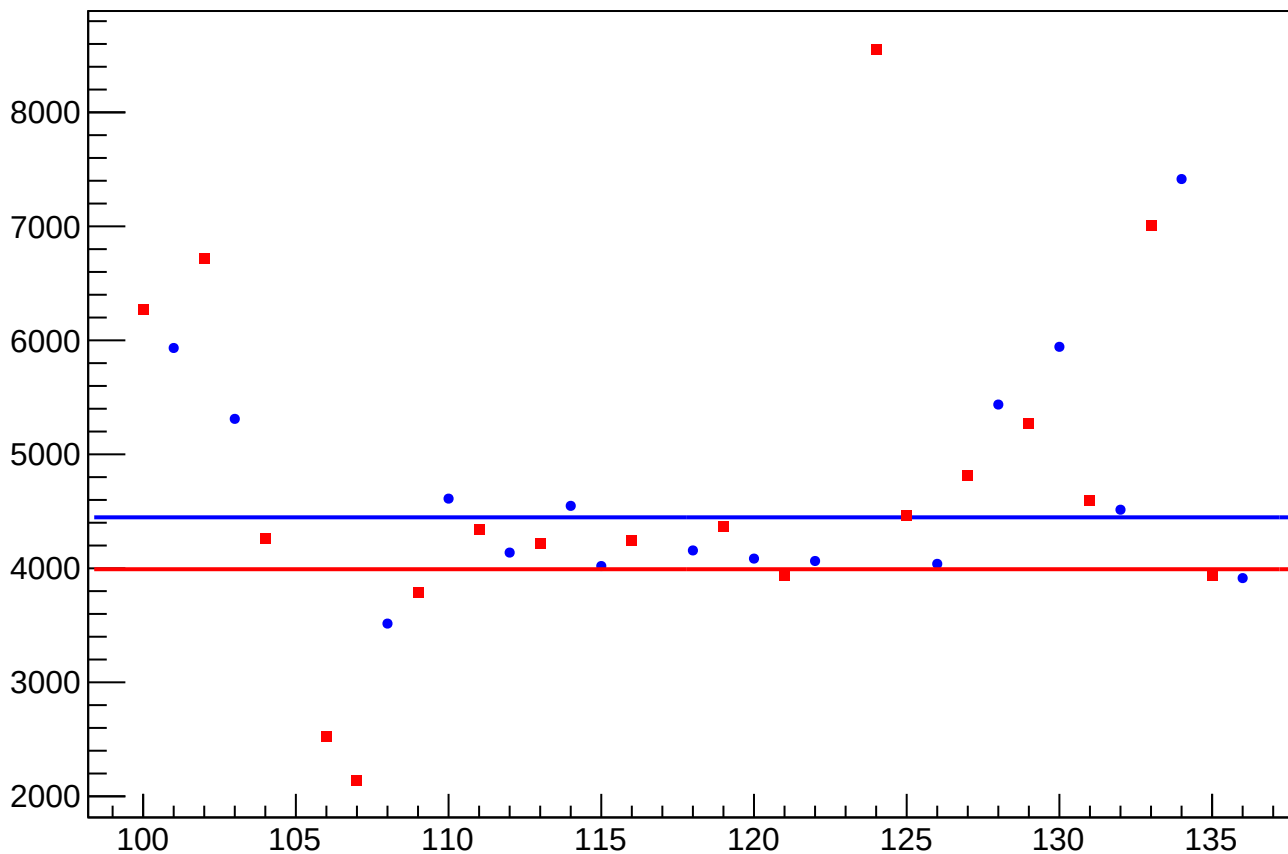
Right: -1625.756 ± 1149.594 χ^2/NDF : 26.4/33

In: -2354.851 ± 1684.784 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1625.756 ± 1149.594 χ^2/NDF : 26.4/33

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: 3992.174+/-1.101 χ^2/NDF : 1143531.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

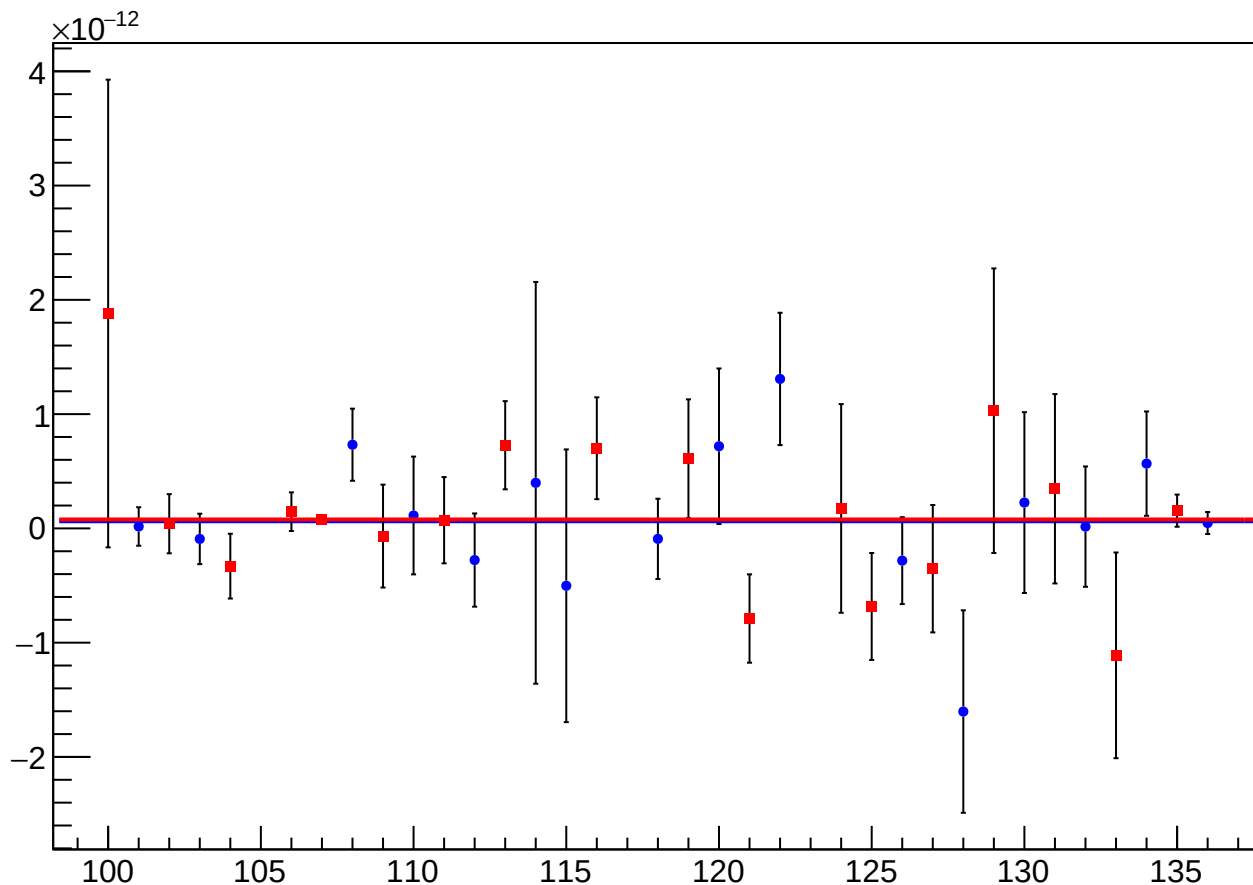
Right: 4201.802+/-0.808 χ^2/NDF : 1680570.3/33

In: 4447.424+/-1.191 χ^2/NDF : 458251.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4201.802+/-0.808 χ^2/NDF : 1680570.3/33

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 : 20.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

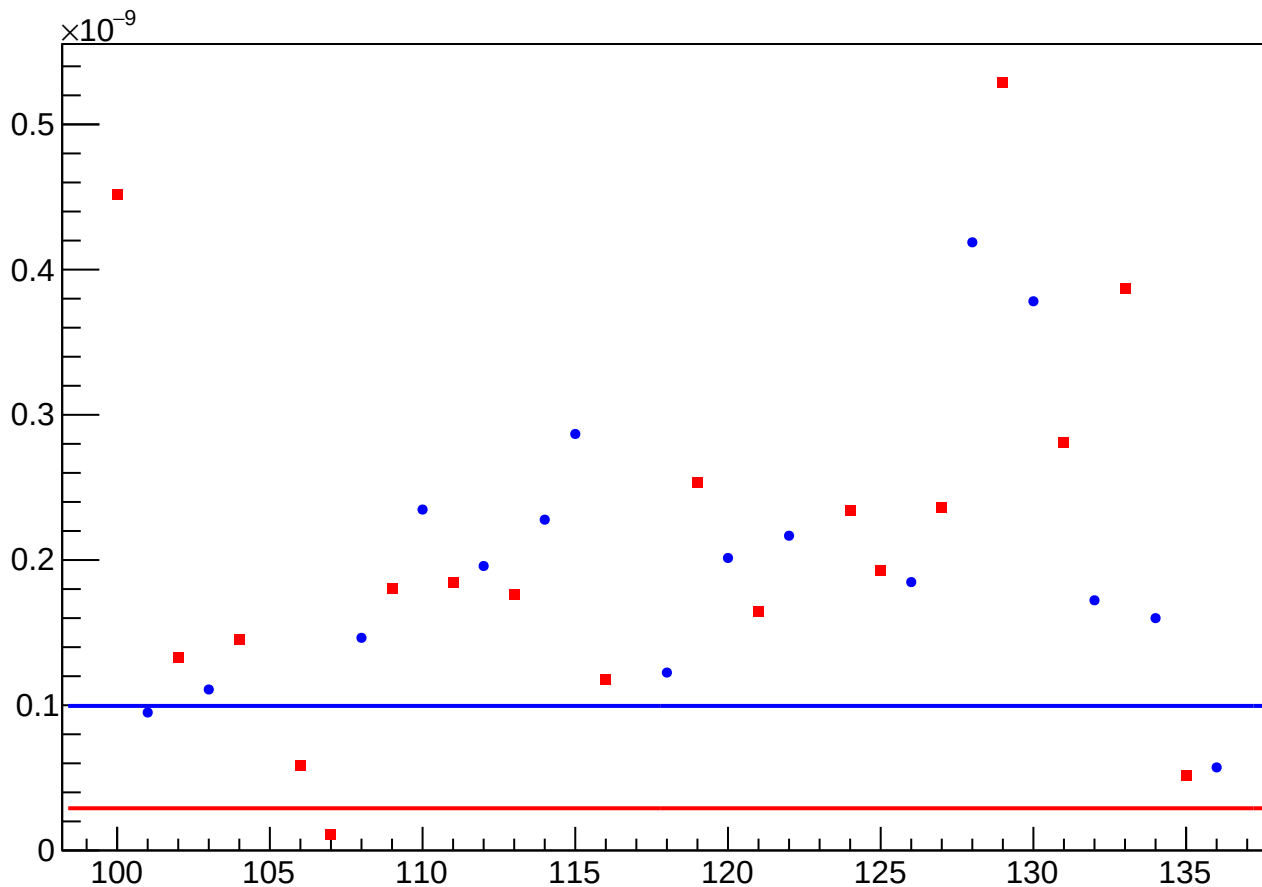
Right: 0.000+/-0.000 χ^2/NDF : 37.5/33

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 : 37.5/33

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 : 4320087.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

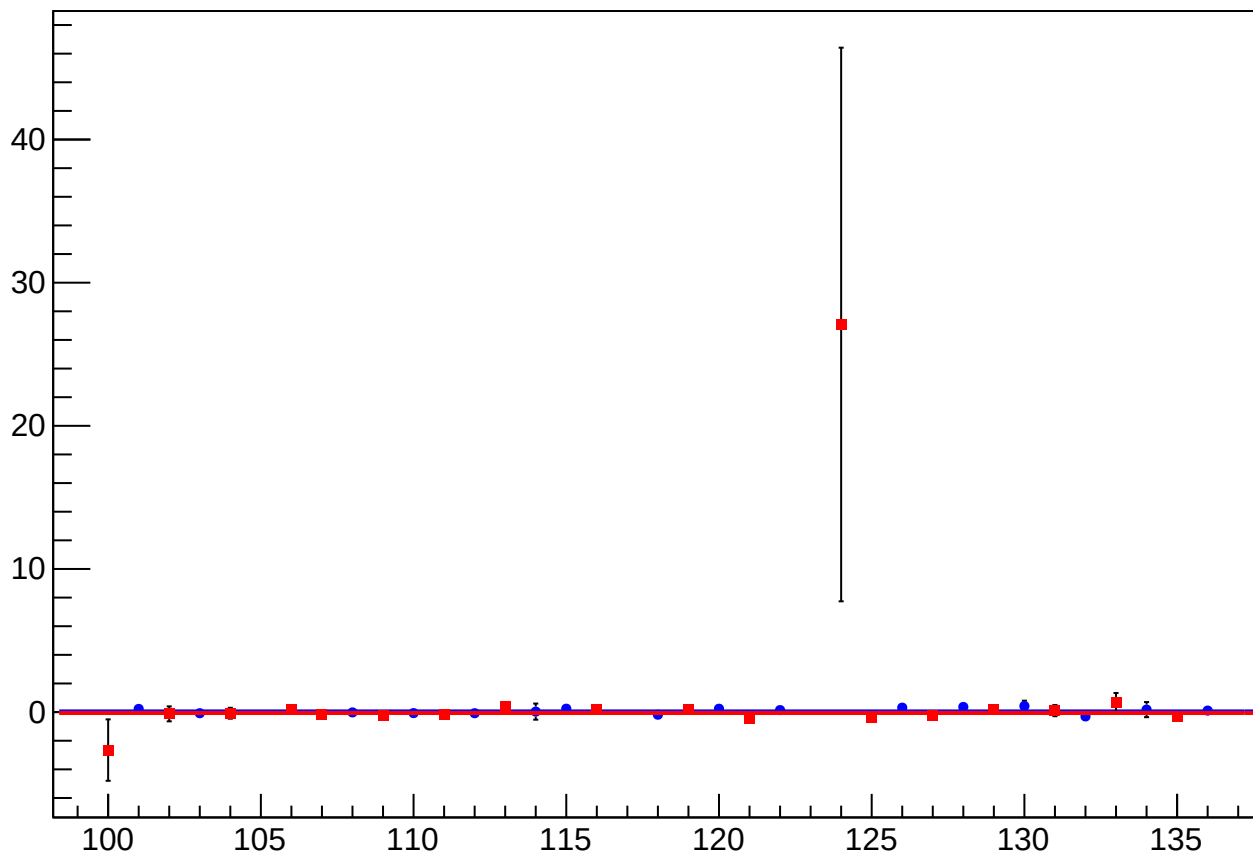
Right: 0.000+/-0.000 χ^2/NDF : 7609206.5/33

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 : 7609206.5/33

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: -0.062+/-0.065 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

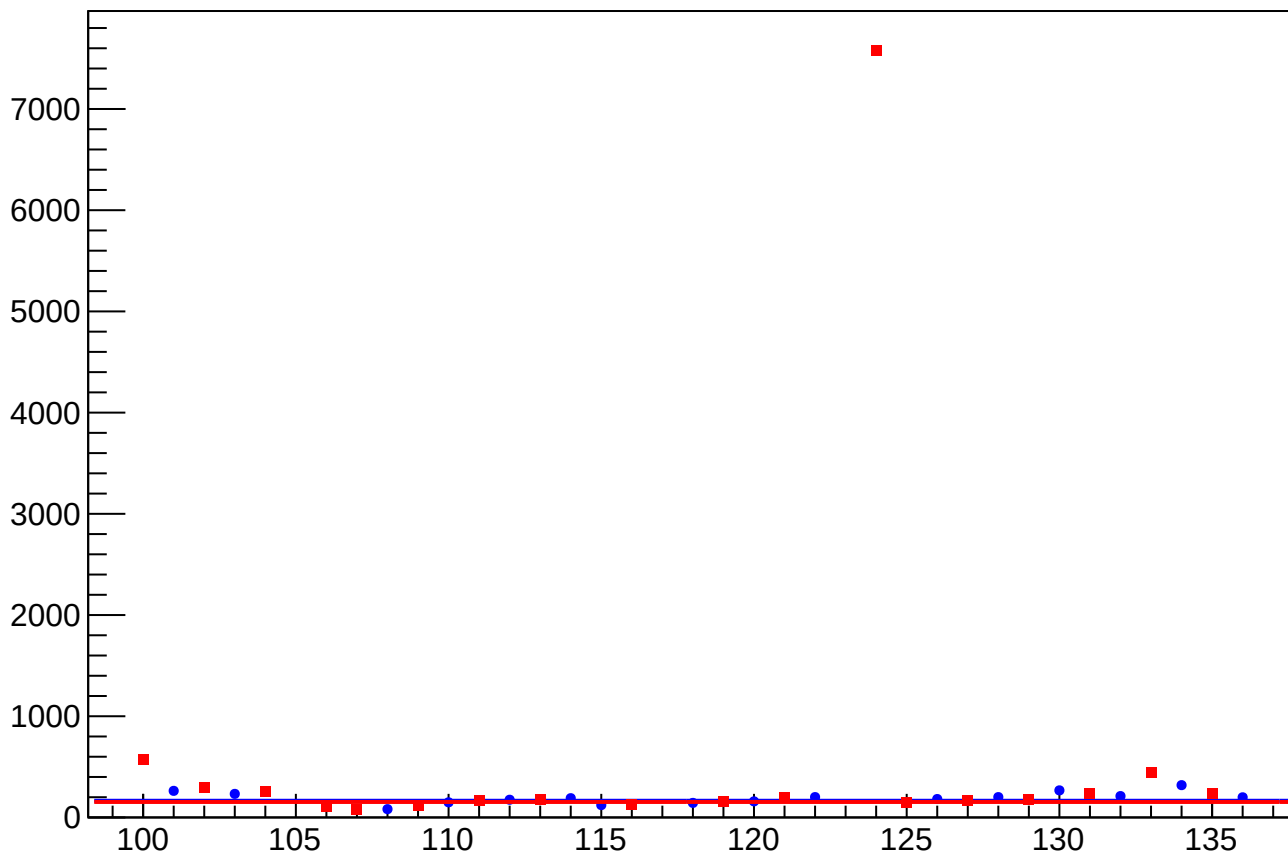
Right: -0.008+/-0.046 χ^2/NDF : 27.4/33

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 : 27.4/33

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: 153.121 $\pm$ 0.046 χ^2 /NDF: 1862620.7/17

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

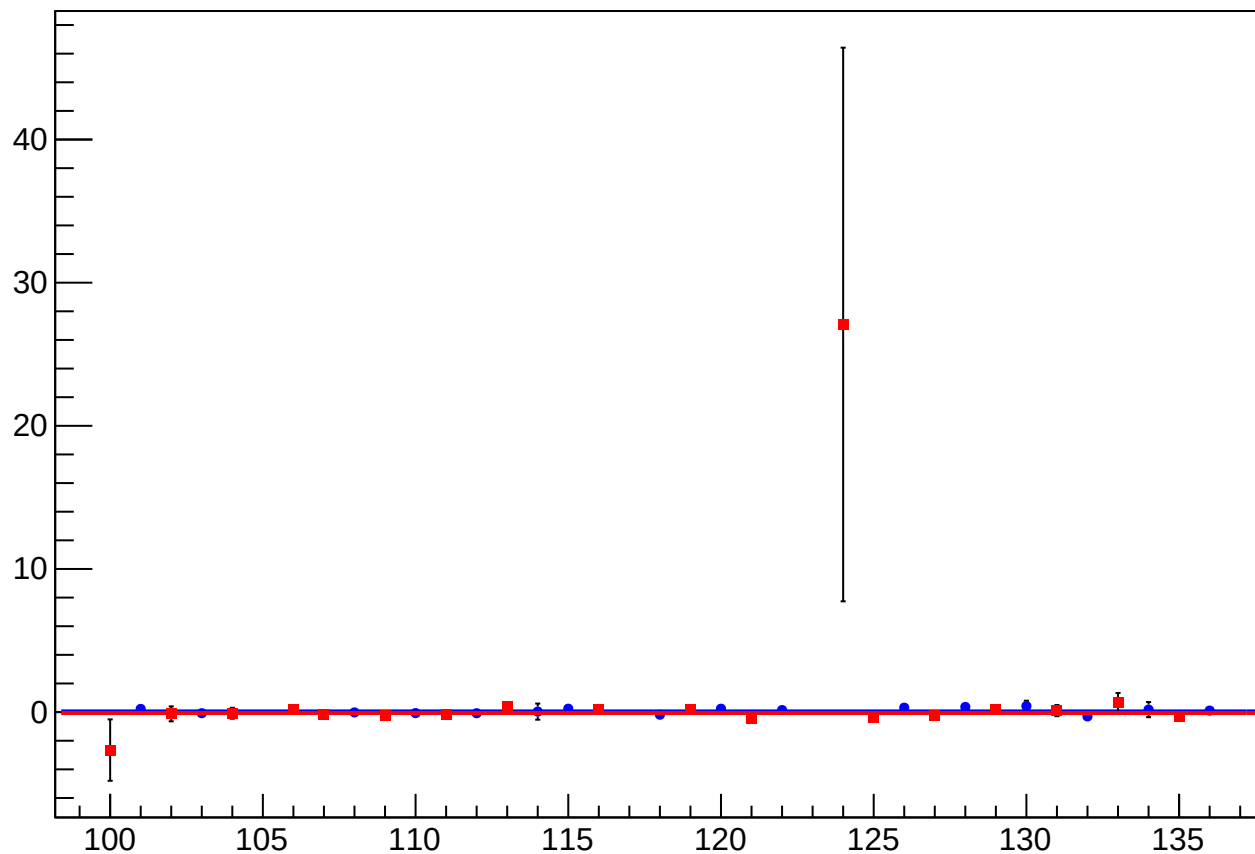
Right: 158.850 $\pm$ 0.033 χ^2 /NDF: 3369352.7/33

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: 158.850 $\pm$ 0.033 χ^2 /NDF: 3369352.7/33

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: -0.062 $\pm$ 0.065 χ^2 /NDF: 18.4/17

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

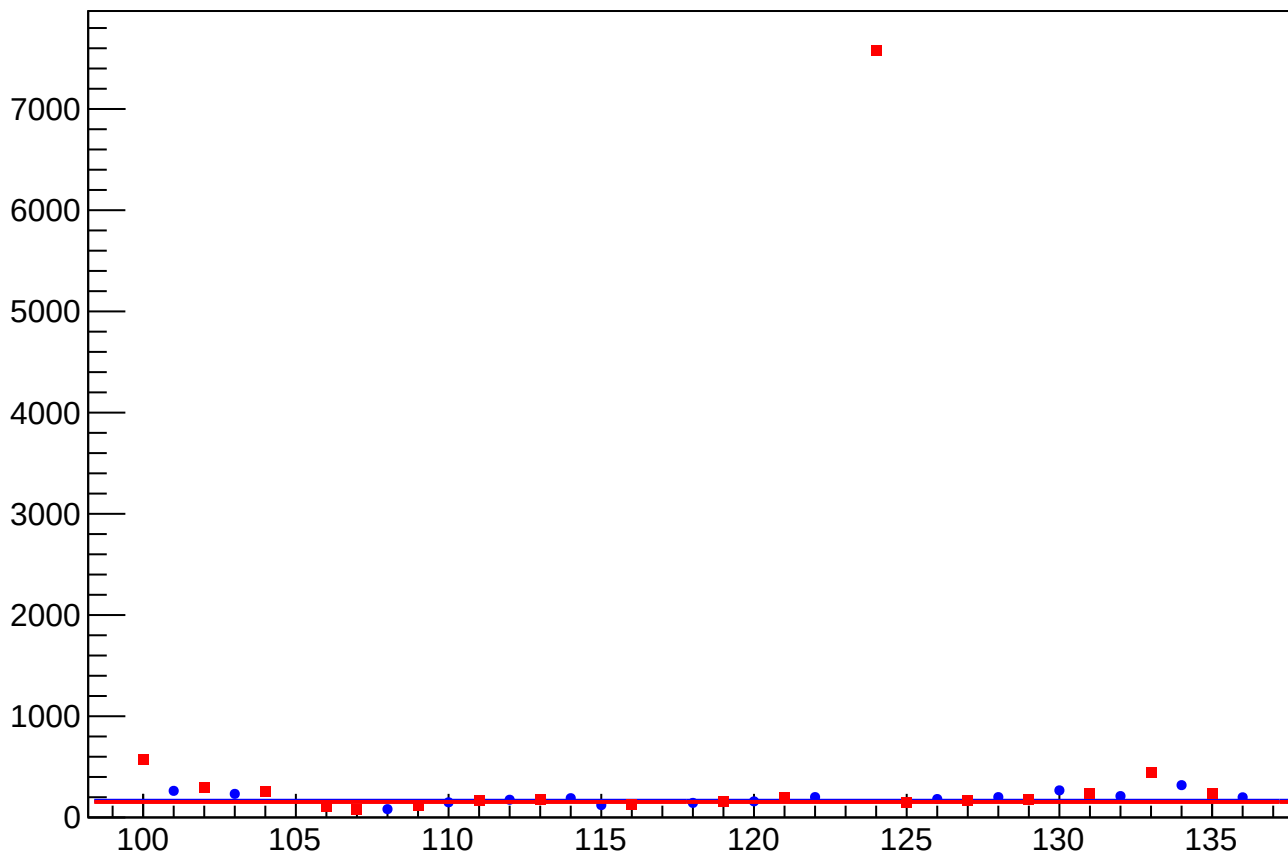
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/33

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: 27.4/33

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: 153.121+/-0.046 χ^2/NDF : 1862620.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

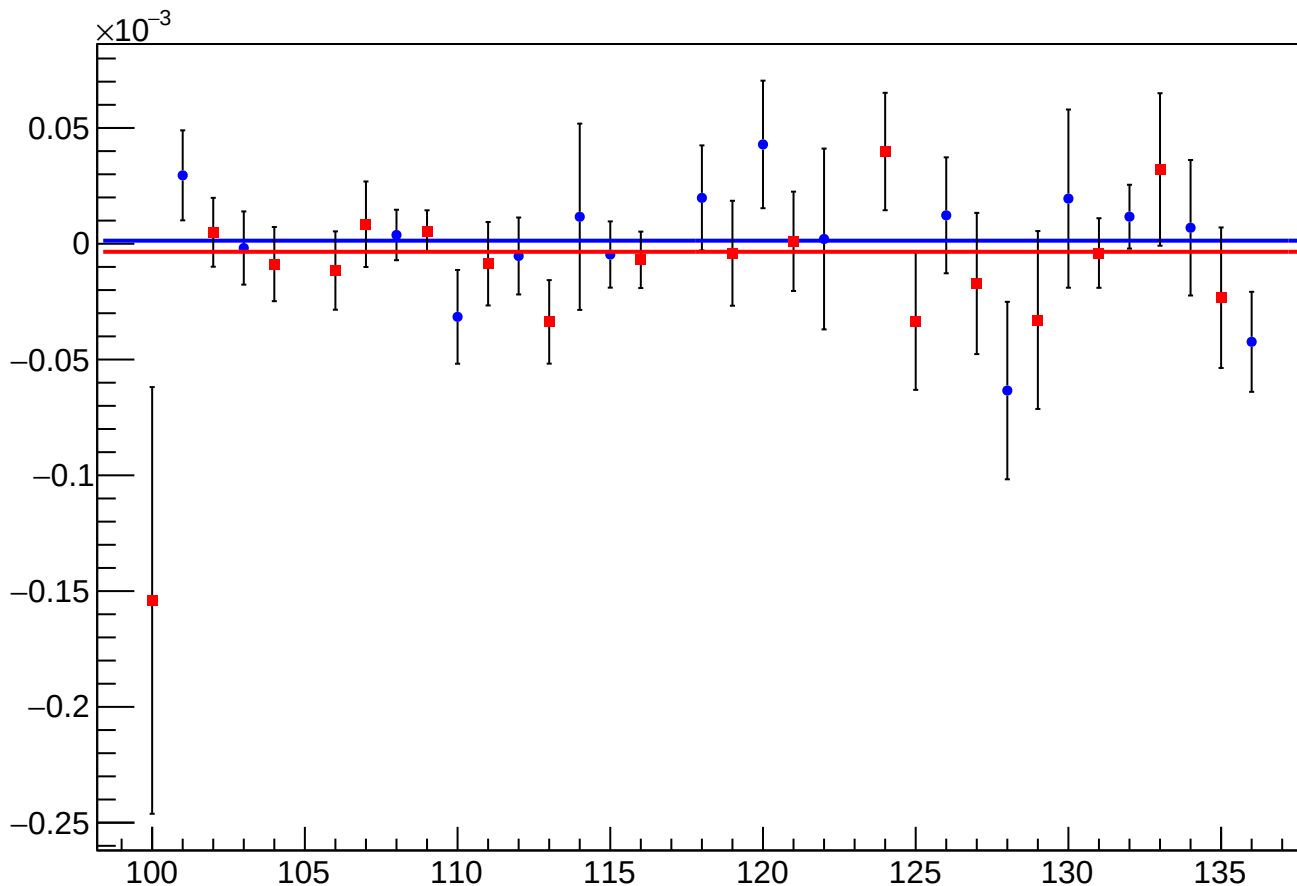
Right: 158.850+/-0.033 χ^2/NDF : 3369352.7/33

In: 164.862+/-0.047 χ^2/NDF : 1474718.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.850+/-0.033 χ^2/NDF : 3369352.7/33

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.1/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/17

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

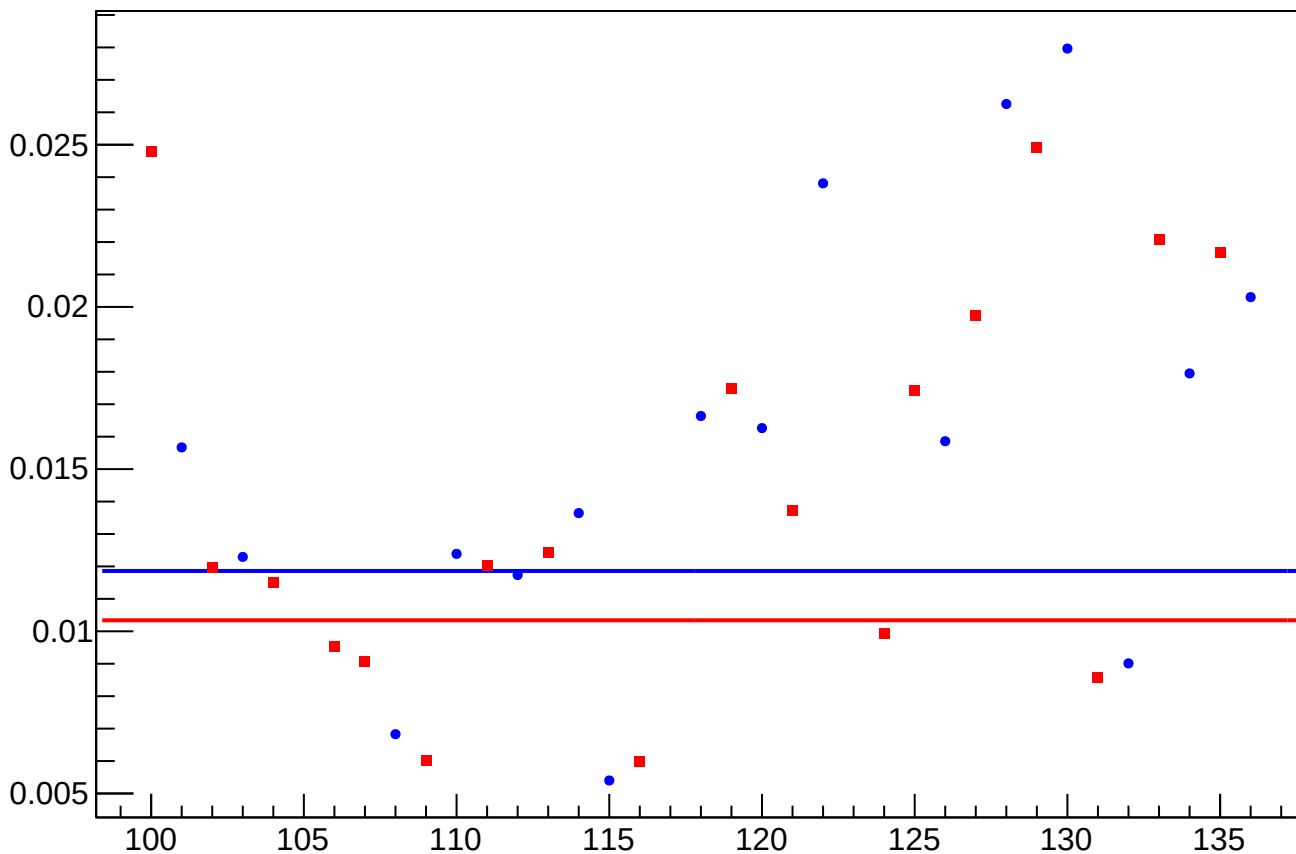
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.8/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:16.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.8/33

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 : 2259778.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.011+/-0.000

χ^2/NDF : 4777427.3/33

In: 0.012+/-0.000

χ^2/NDF : 2407192.9/15

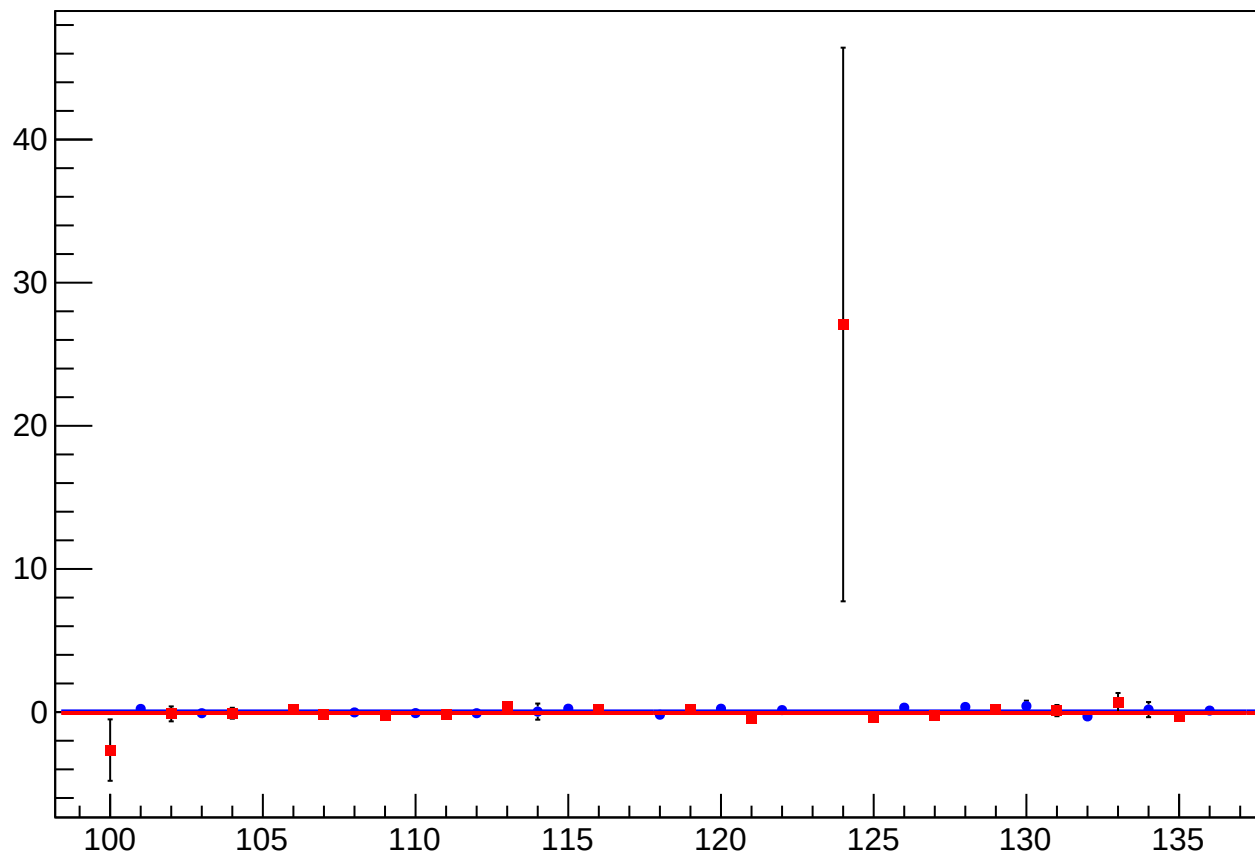
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.011+/-0.000

χ^2/NDF : 4777427.3/33

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: -0.062 $\pm$ 0.065 χ^2 /NDF: 18.4/17

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

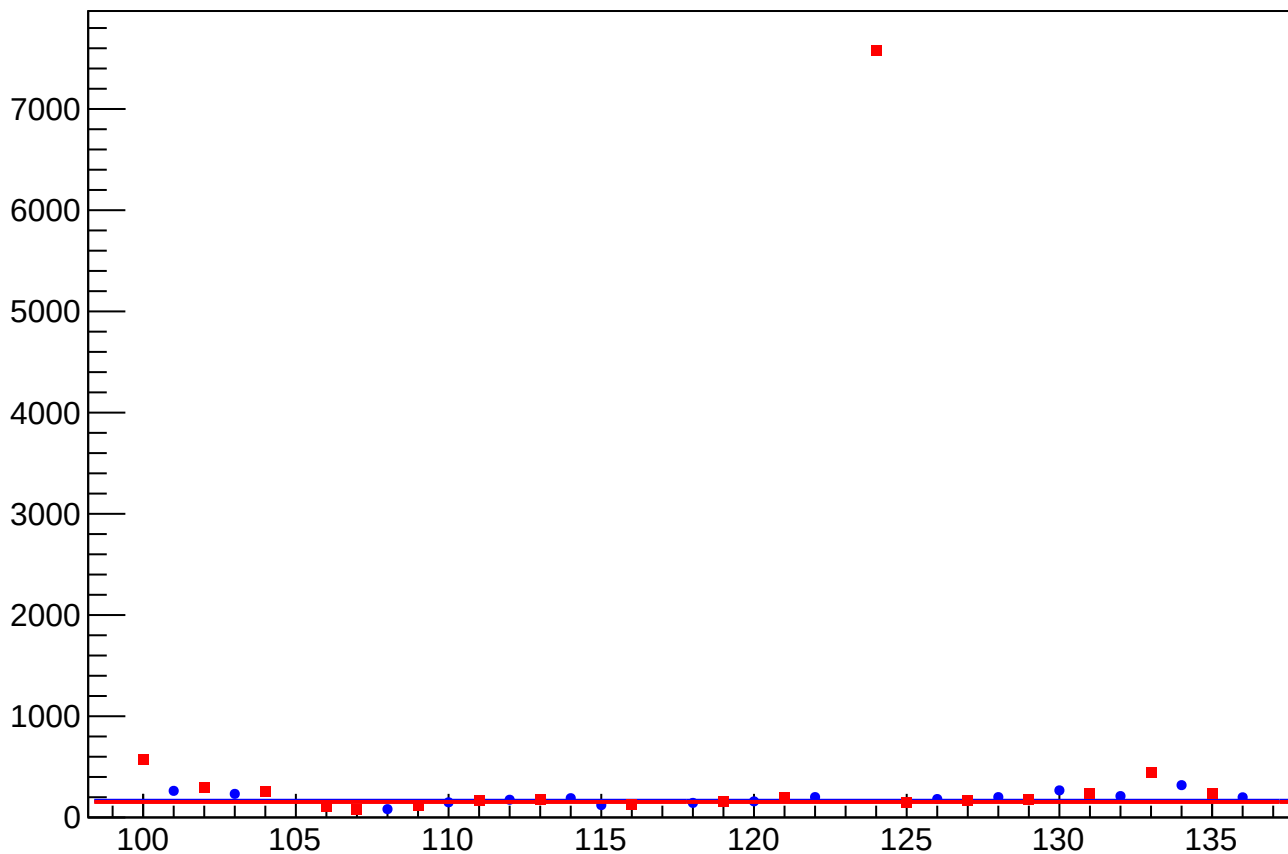
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/33

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: 27.4/33

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862+/-0.047 χ^2/NDF : 1474692.6/15

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

Right Out: 153.120+/-0.046 χ^2/NDF : 1862637.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

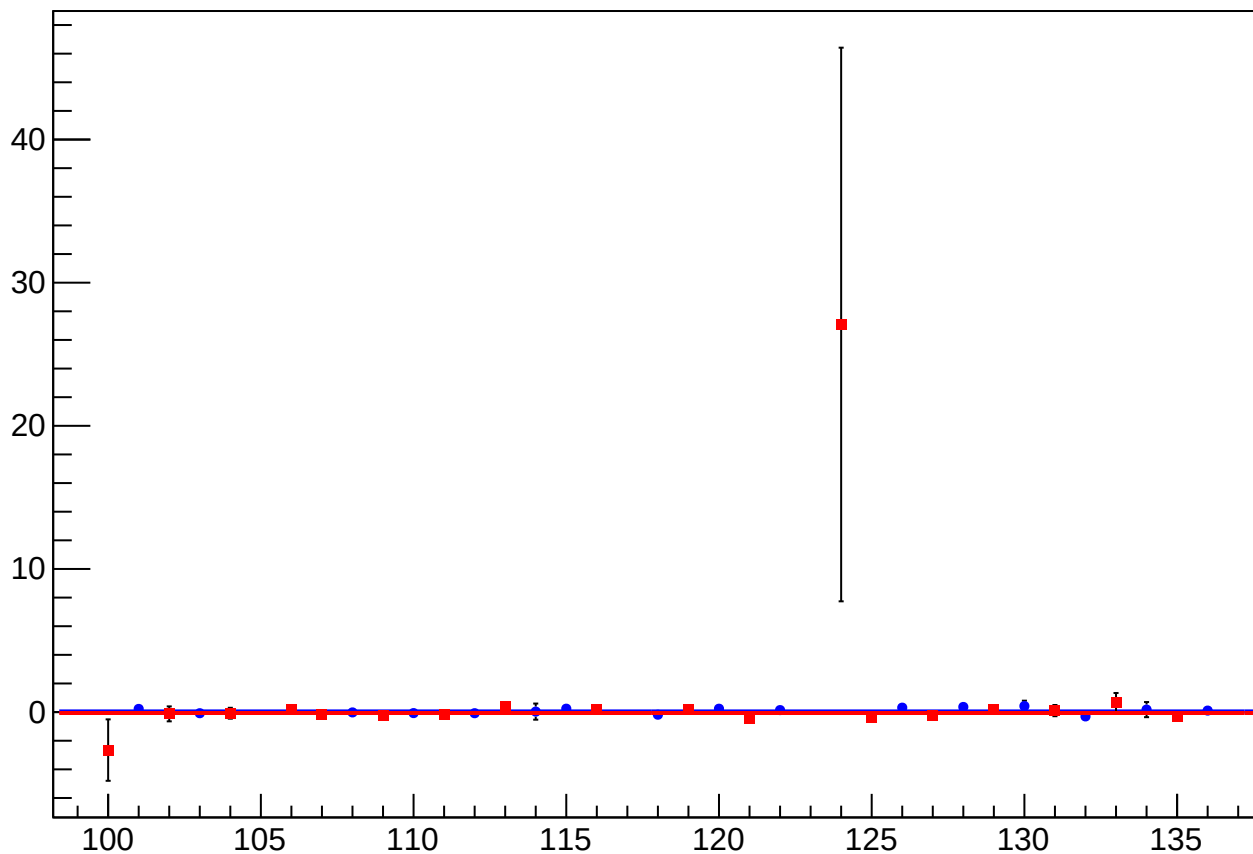
Right: 158.850+/-0.033 χ^2/NDF : 3369345.2/33

In: 164.862+/-0.047 χ^2/NDF : 1474692.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.850+/-0.033 χ^2/NDF : 3369345.2/33

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: -0.062 $\pm$ 0.065 χ^2 /NDF: 18.4/17

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

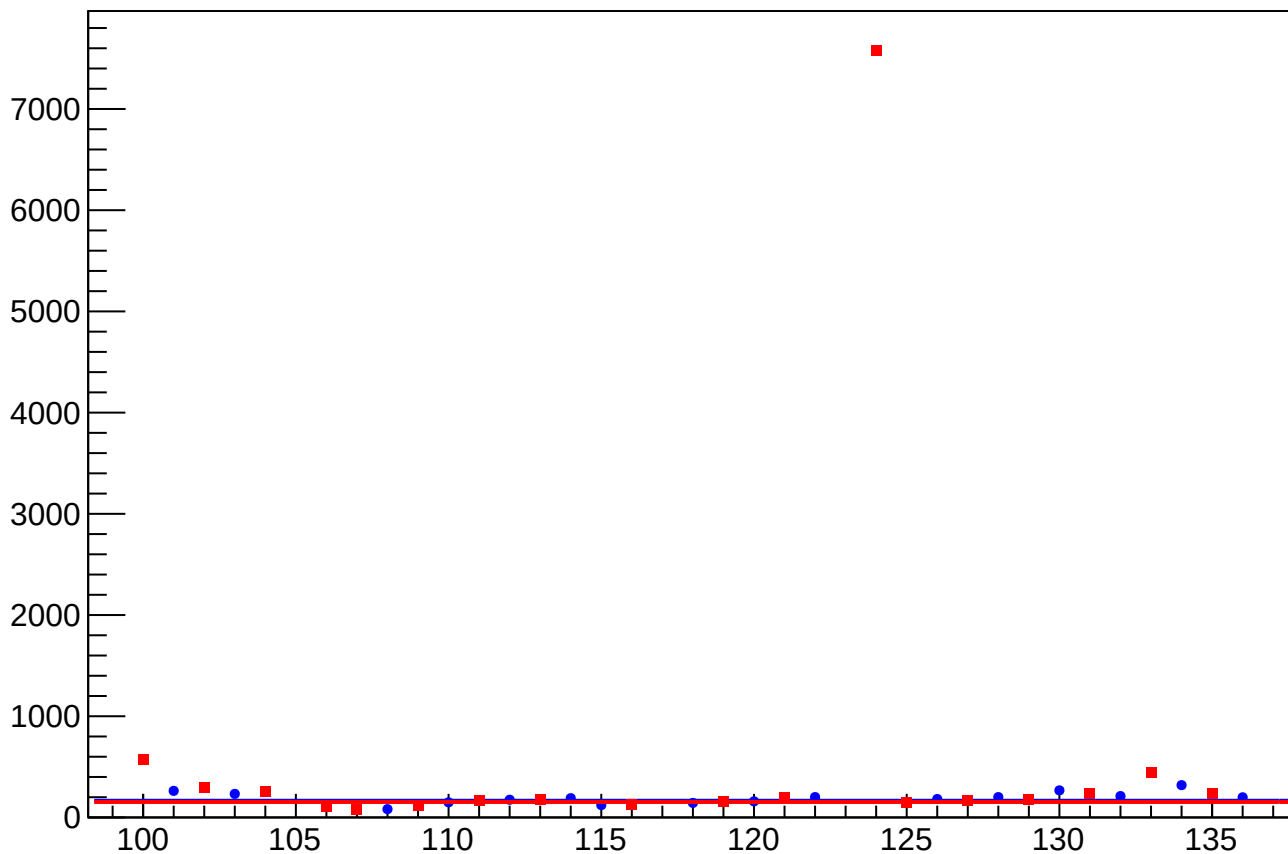
Right: -0.008 $\pm$ 0.046 χ^2 /NDF: 27.4/33

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: 27.4/33

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 164.862+/-0.047 χ^2/NDF : 1474692.6/15

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

Right Out: 153.120+/-0.046 χ^2/NDF : 1862637.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

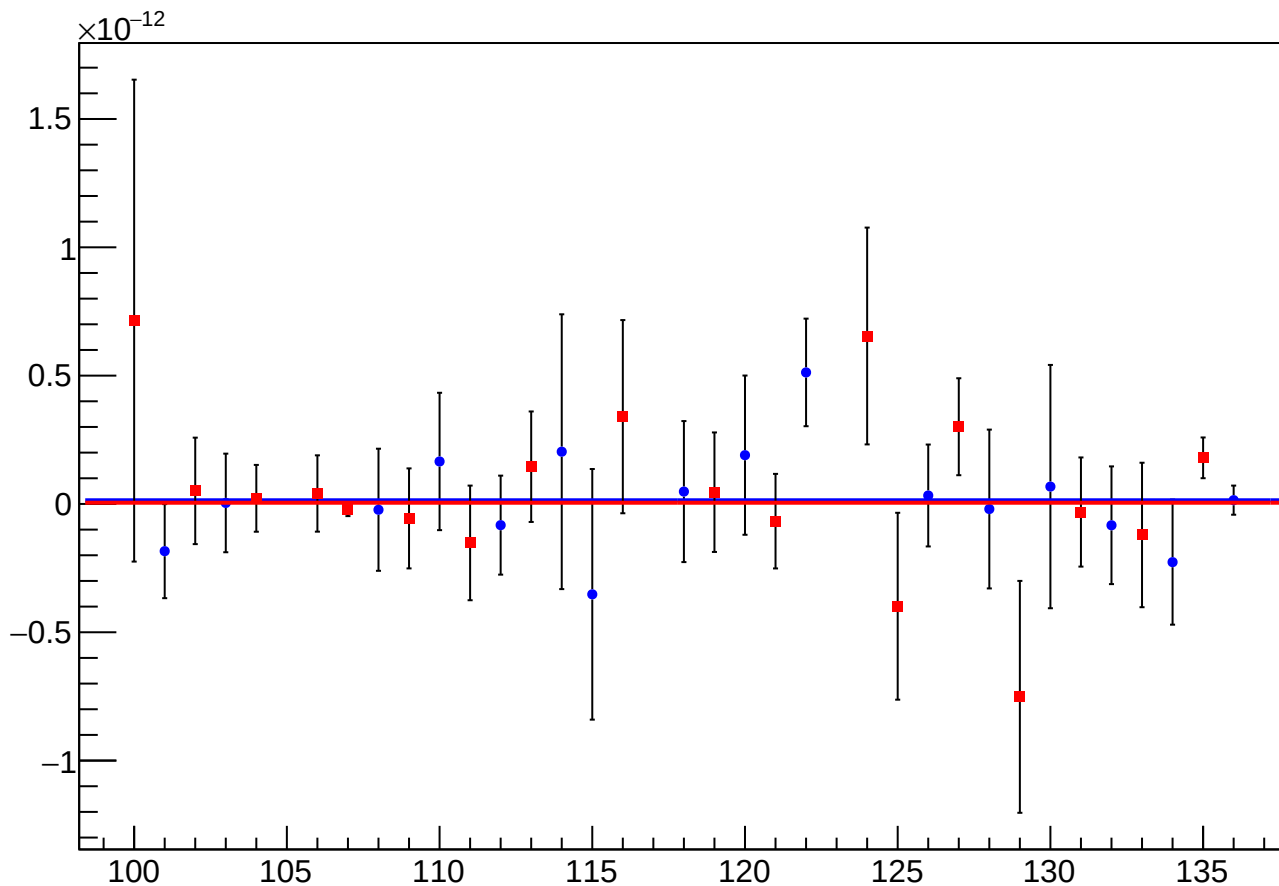
Right: 158.850+/-0.033 χ^2/NDF : 3369345.2/33

In: 164.862+/-0.047 χ^2/NDF : 1474692.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.850+/-0.033 χ^2/NDF : 3369345.2/33

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/15

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

Right Out: 0.000+/-0.000 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

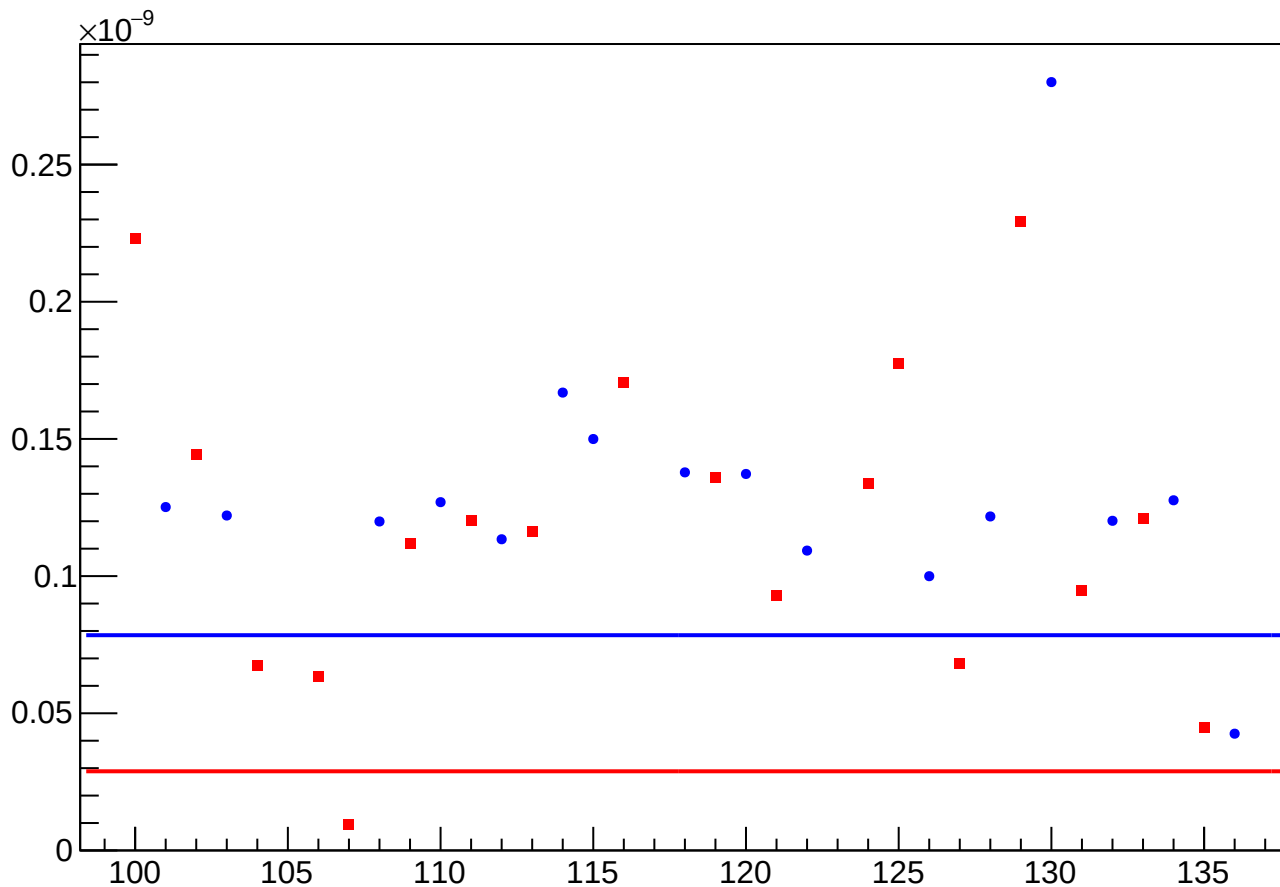
Right: 0.000+/-0.000 χ^2/NDF : 27.2/33

In: 0.000+/-0.000 χ^2/NDF : 9.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.2/33

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 : 5409099.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

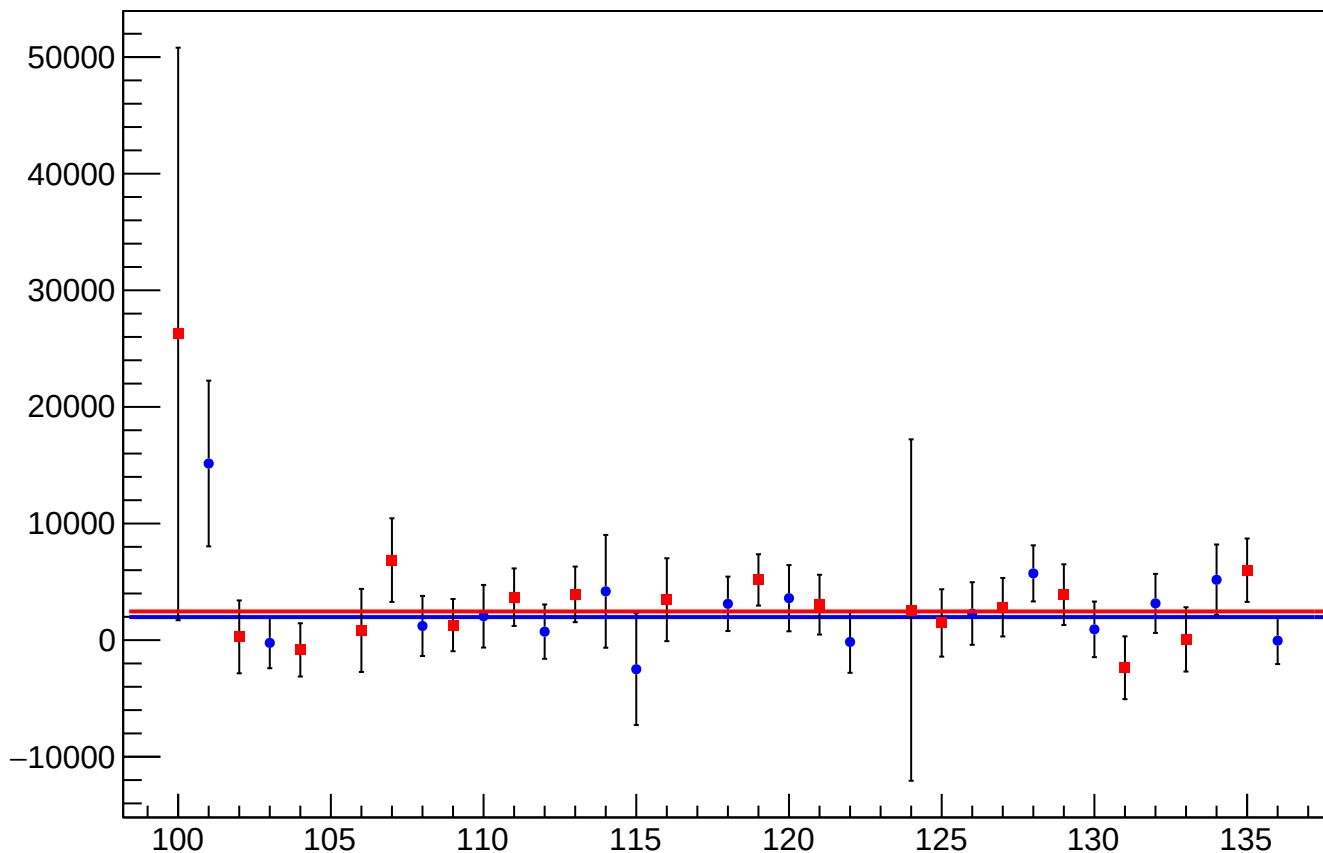
Right: 0.000+/-0.000 χ^2/NDF : 9619227.3/33

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 : 9619227.3/33

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: 2459.683+/-664.384 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

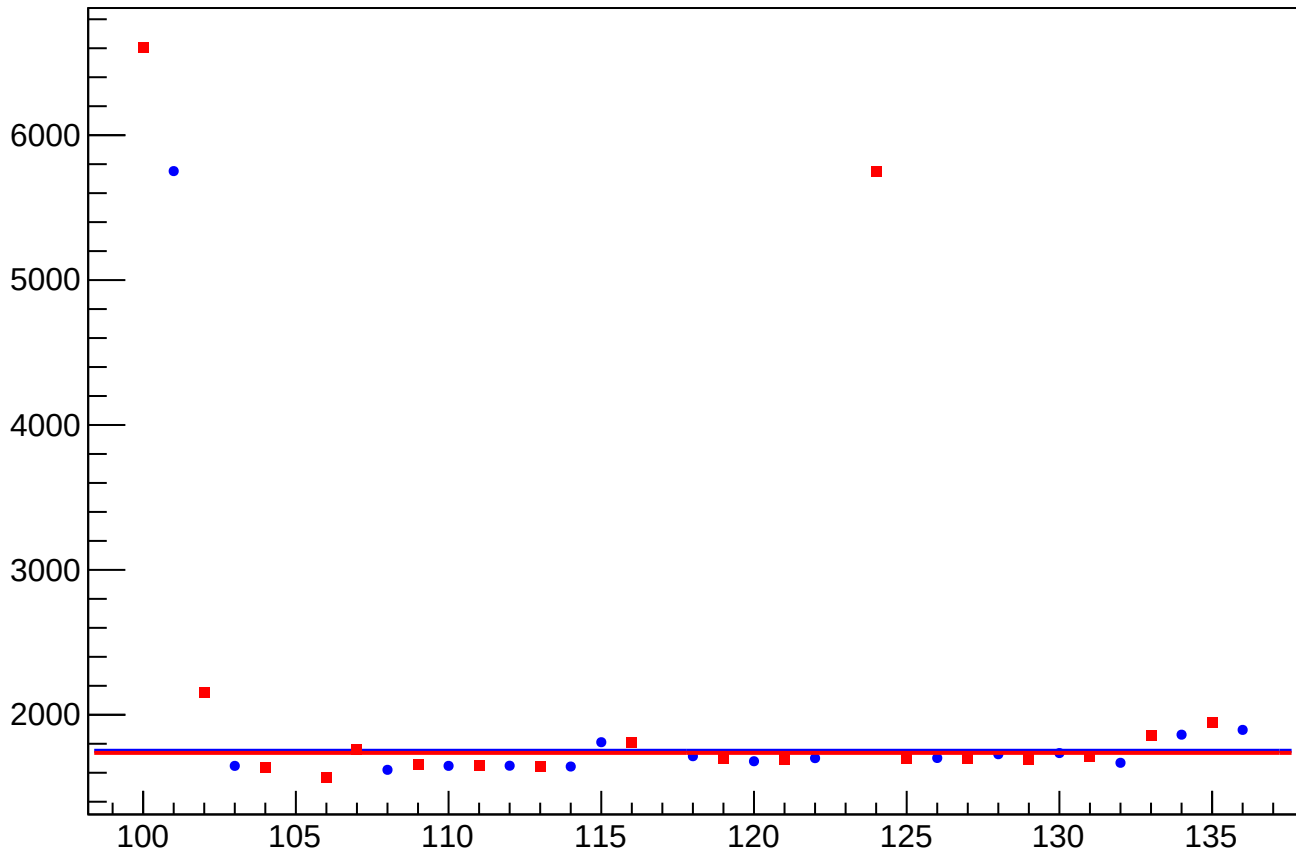
Right: 2219.198+/-470.962 χ^2/NDF : 26.3/33

In: 1976.299+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.198+/-470.962 χ^2/NDF : 26.3/33

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: 1737.217+/-0.466 χ^2/NDF : 301821.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

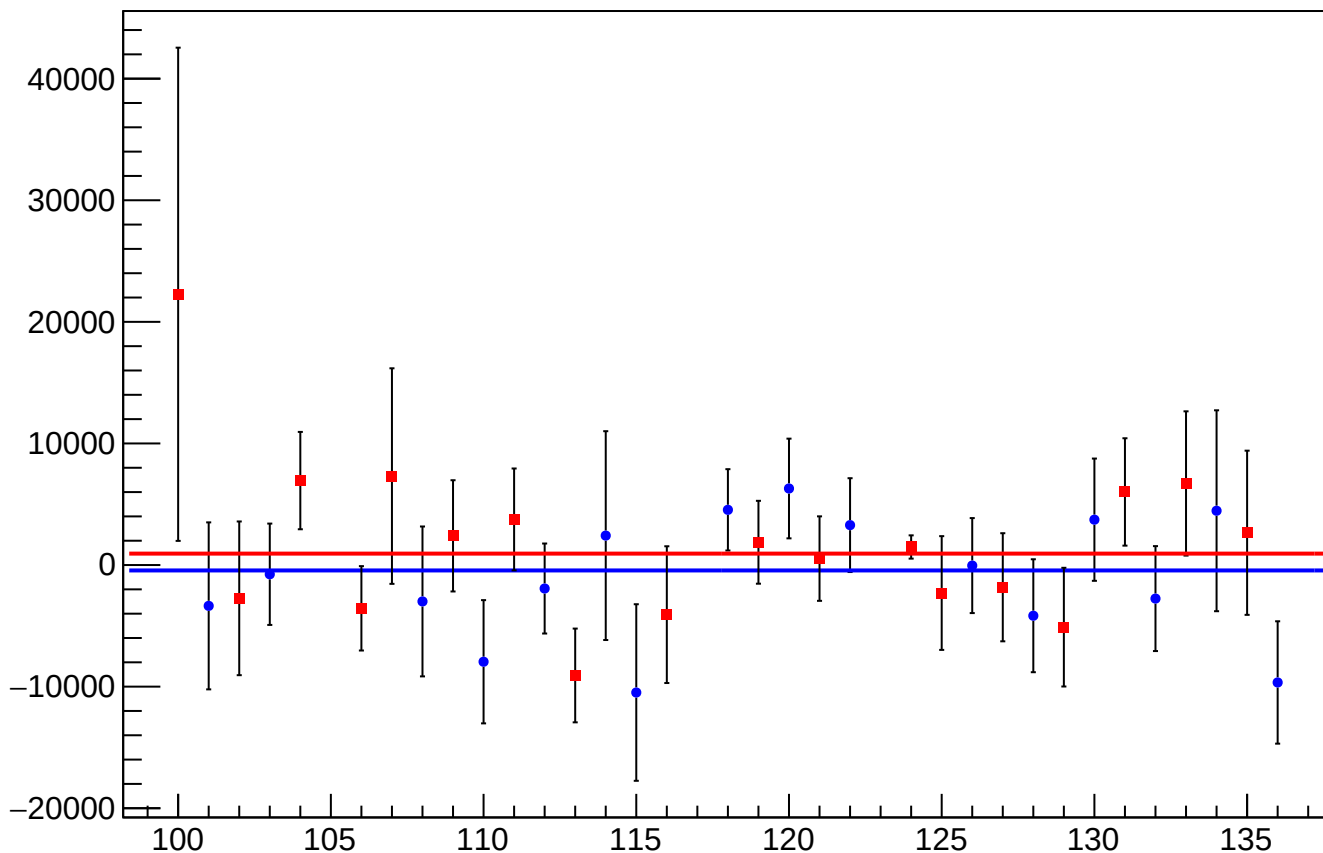
Right: 1744.322+/-0.332 χ^2/NDF : 972942.7/33

In: 1751.607+/-0.472 χ^2/NDF : 670651.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1744.322+/-0.332 χ^2/NDF : 972942.7/33

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: 939.927+/-727.421 χ^2/NDF : 19.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

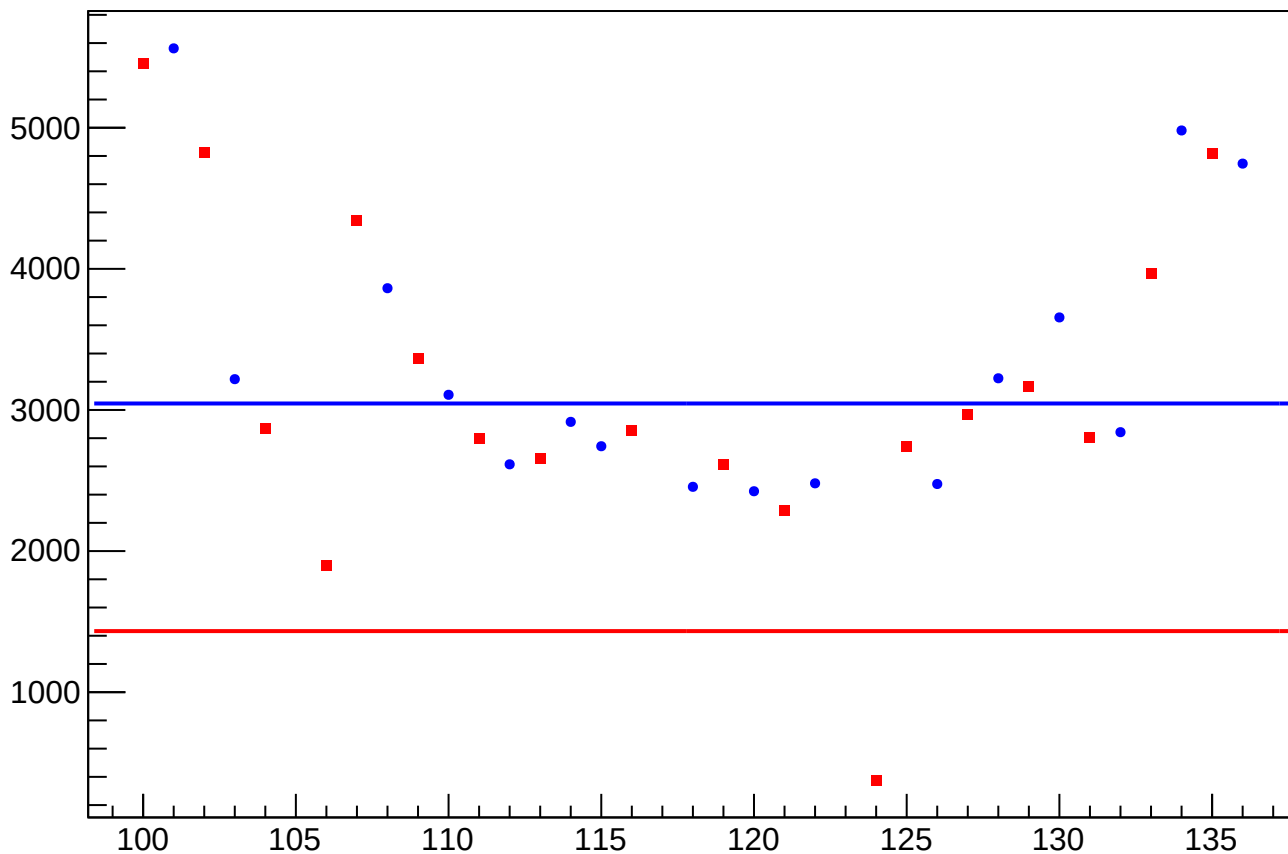
Right: 556.145+/-618.411 χ^2/NDF : 36.1/33

In: -444.273+/-1174.448 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 556.145+/-618.411 χ^2/NDF : 36.1/33

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: 1432.940+/-0.514 χ^2/NDF : 6588562.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

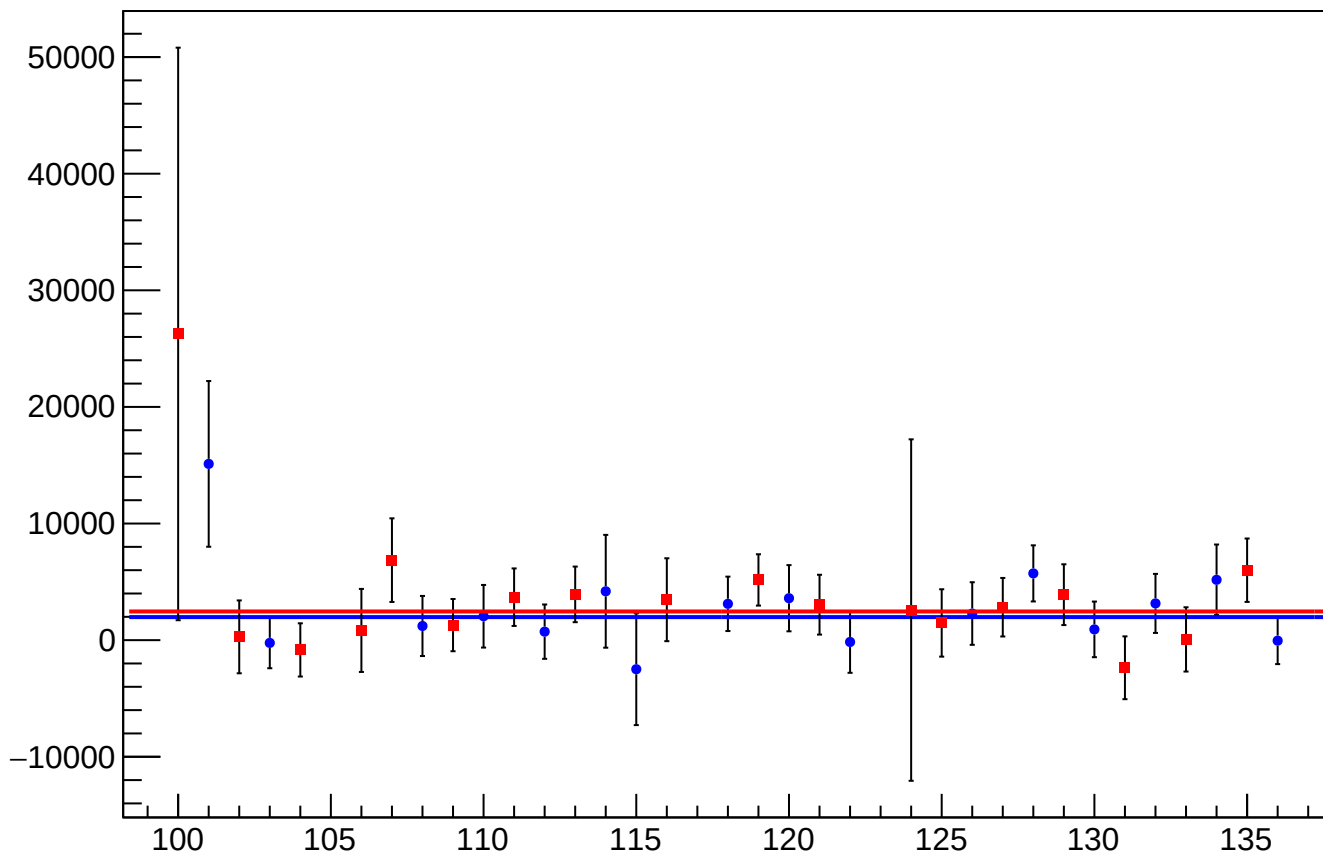
Right: 1880.153+/-0.437 χ^2/NDF : 10222420.2/33

In: 3045.917+/-0.830 χ^2/NDF : 907385.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.153+/-0.437 χ^2/NDF : 10222420.2/33

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: 2459.779+/-664.384 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

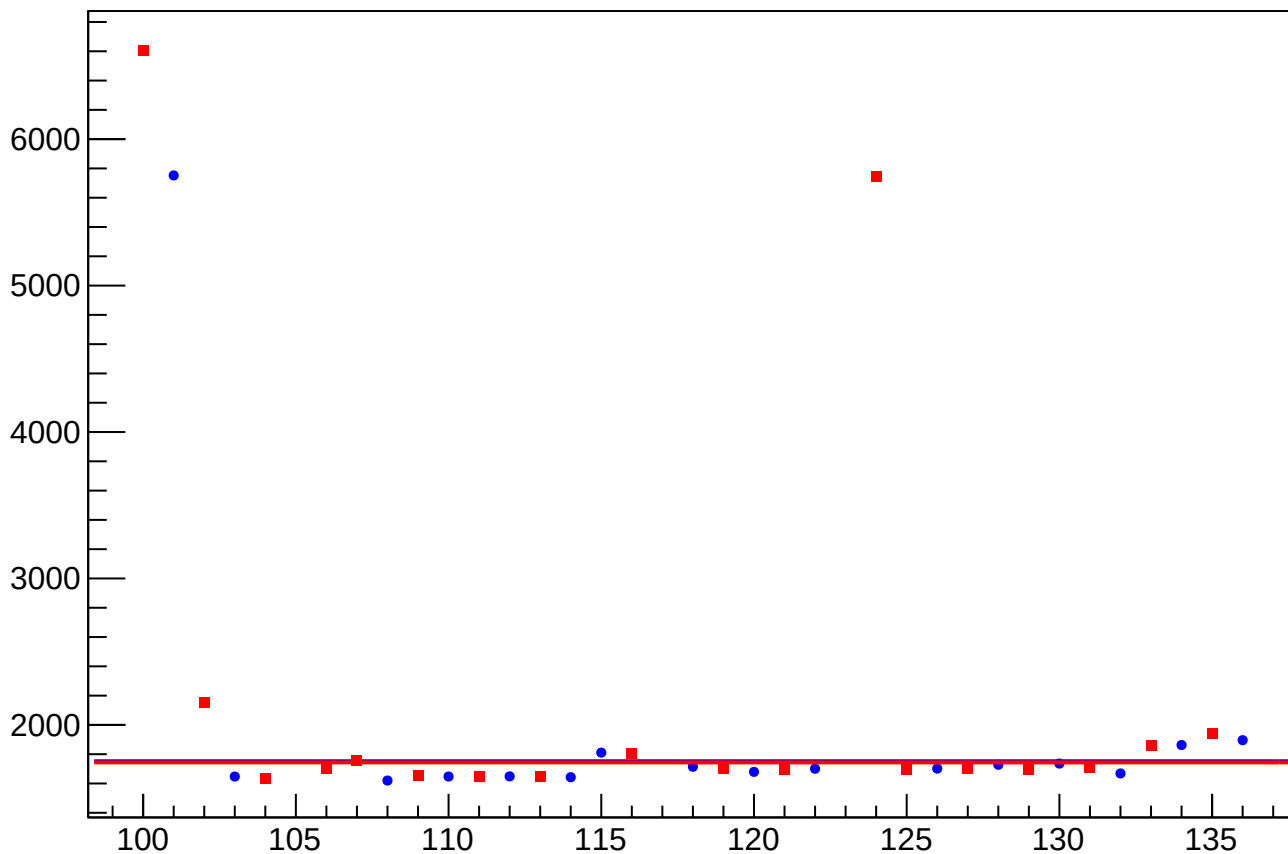
Right: 2219.071+/-470.962 χ^2/NDF : 26.2/33

In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.071+/-470.962 χ^2/NDF : 26.2/33

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: 1744.089+/-0.468 χ^2/NDF : 295321.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

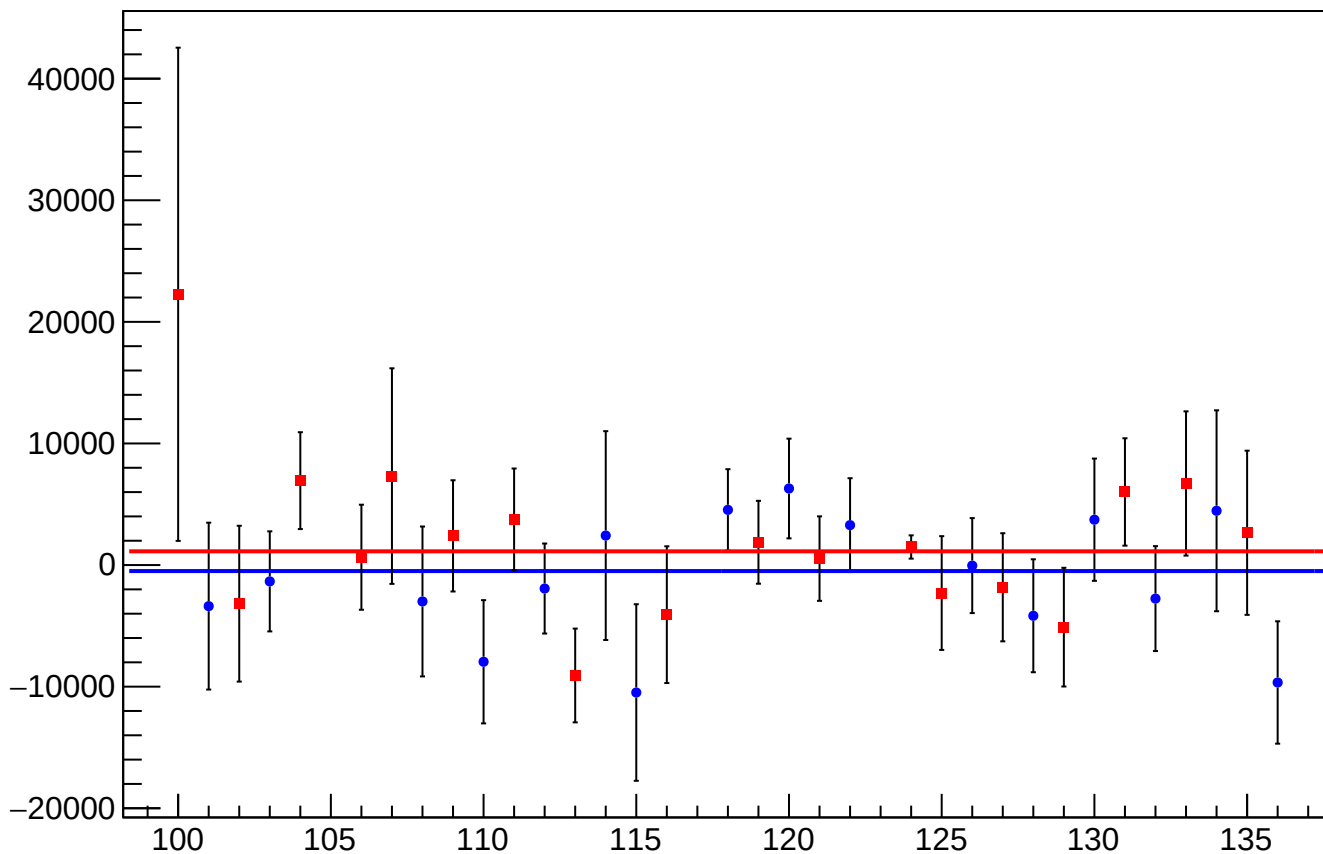
Right: 1747.814+/-0.332 χ^2/NDF : 966100.8/33

In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.814+/-0.332 χ^2/NDF : 966100.8/33

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: 1130.258+/-733.182 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

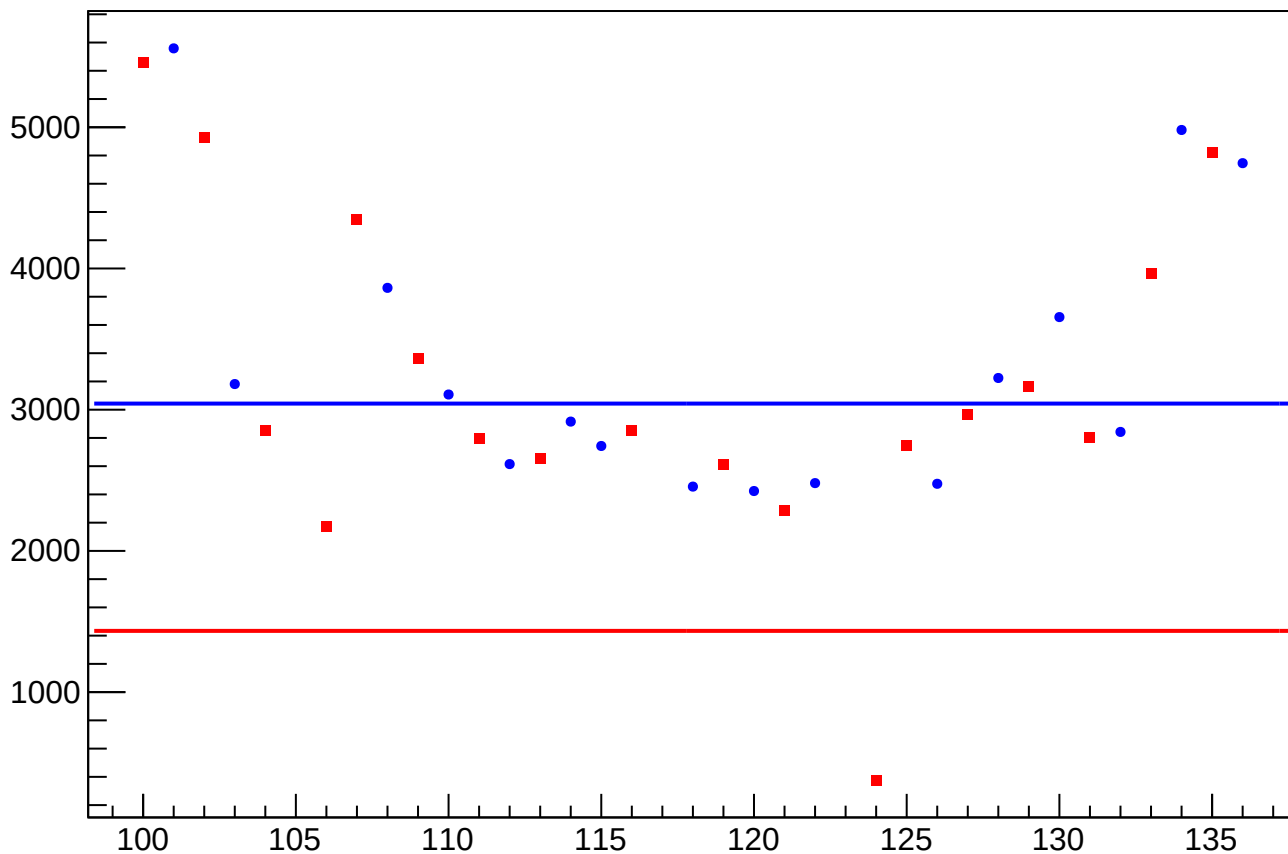
Right: 674.393+/-621.759 χ^2/NDF : 34.8/33

In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.393+/-621.759 χ^2/NDF : 34.8/33

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: 1433.694+/-0.518 χ^2/NDF : 6627455.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

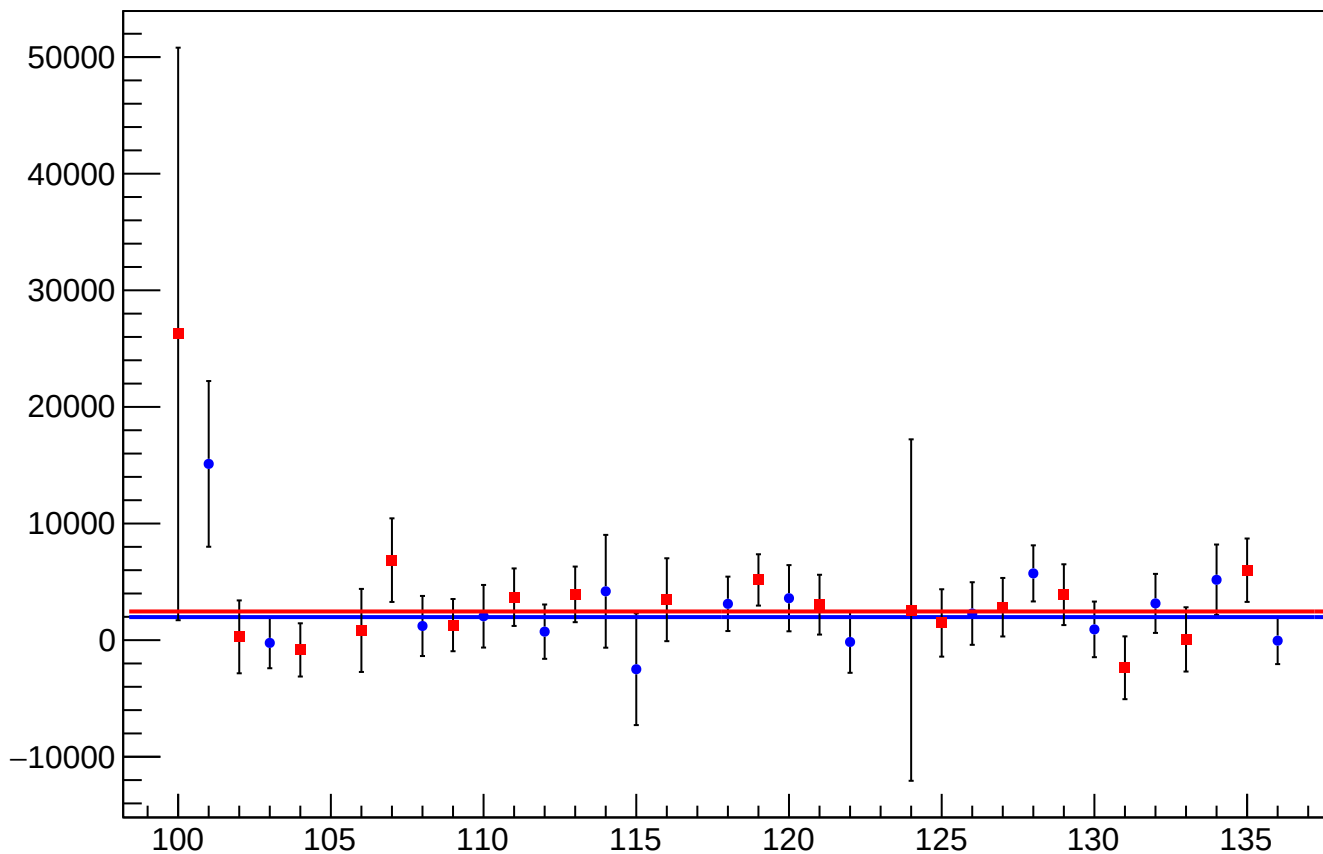
Right: 1885.740+/-0.440 χ^2/NDF : 10240192.5/33

In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.740+/-0.440 χ^2/NDF : 10240192.5/33

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: 2459.779+/-664.384 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

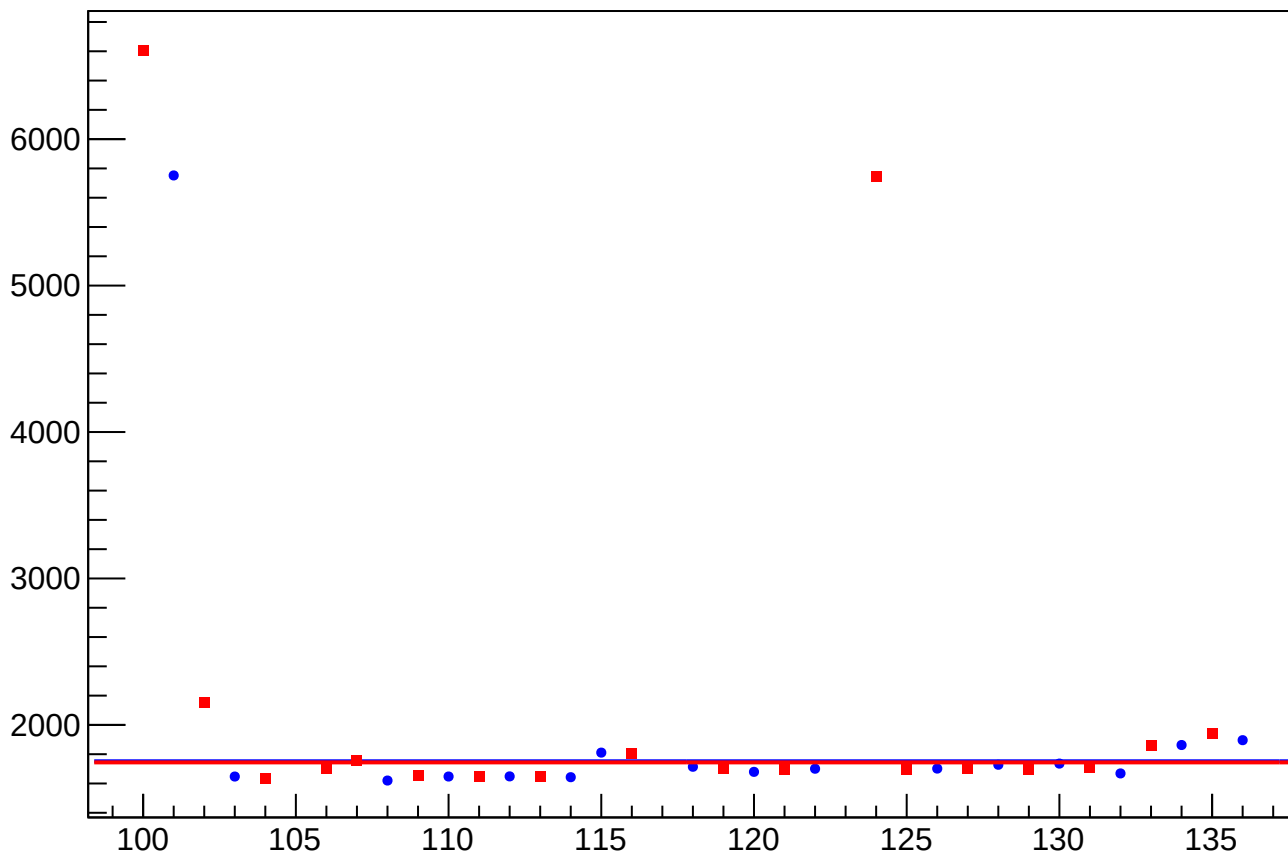
Right: 2219.071+/-470.962 χ^2/NDF : 26.2/33

In: 1975.946+/-667.710 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2219.071+/-470.962 χ^2/NDF : 26.2/33

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: 1744.089+/-0.468 χ^2/NDF : 295321.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

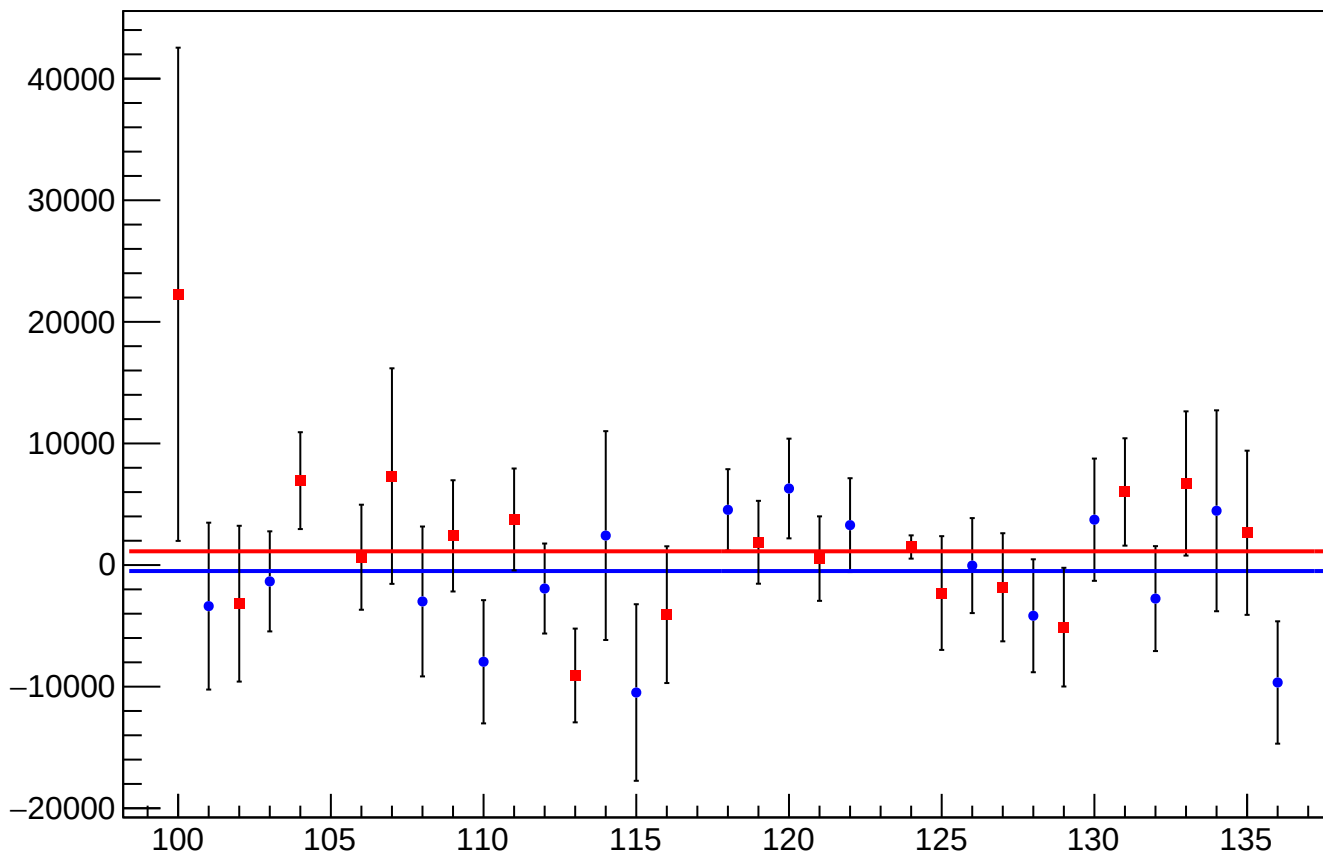
Right: 1747.814+/-0.332 χ^2/NDF : 966100.8/33

In: 1751.606+/-0.472 χ^2/NDF : 670651.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1747.814+/-0.332 χ^2/NDF : 966100.8/33

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: 1130.258+/-733.182 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

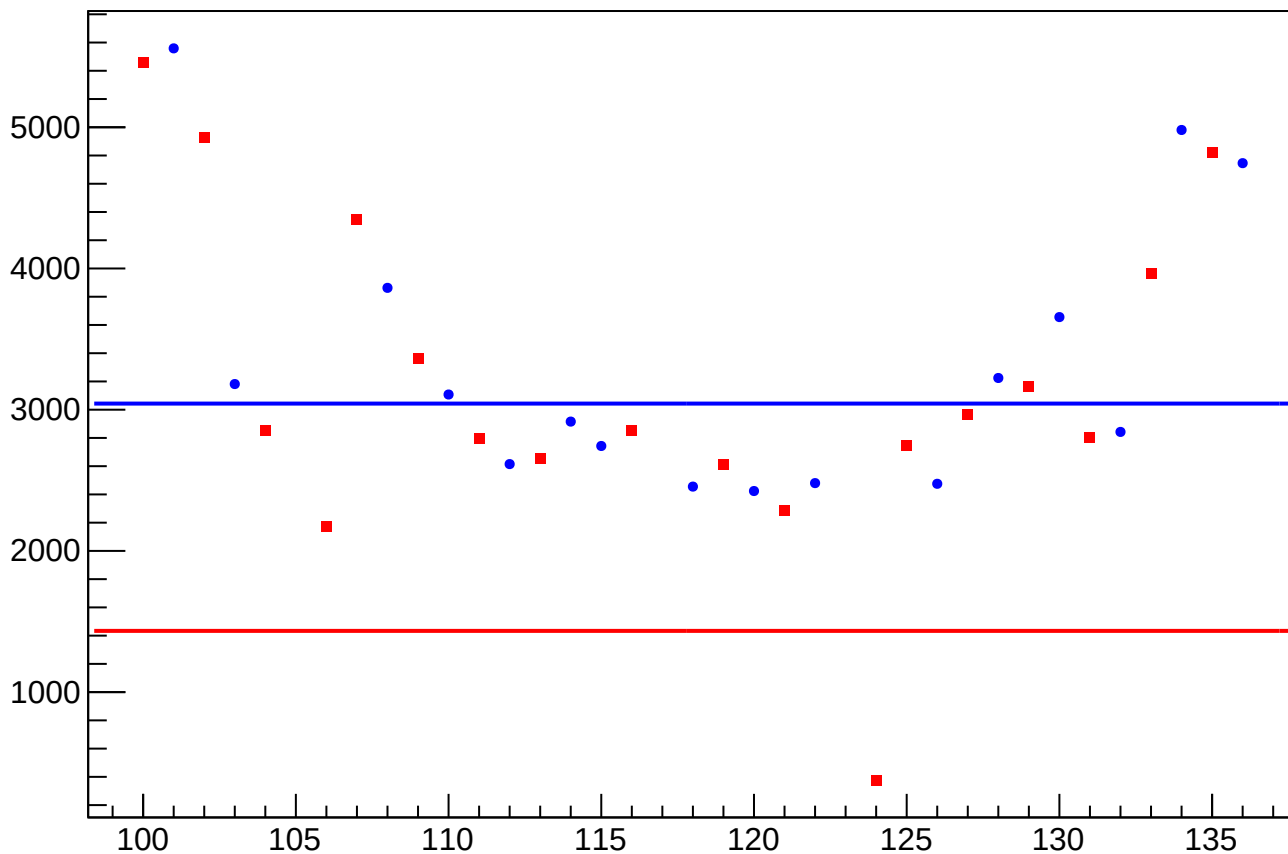
Right: 674.393+/-621.759 χ^2/NDF : 34.8/33

In: -492.916+/-1173.239 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.393+/-621.759 χ^2/NDF : 34.8/33

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: 1433.694+/-0.518 χ^2/NDF : 6627455.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

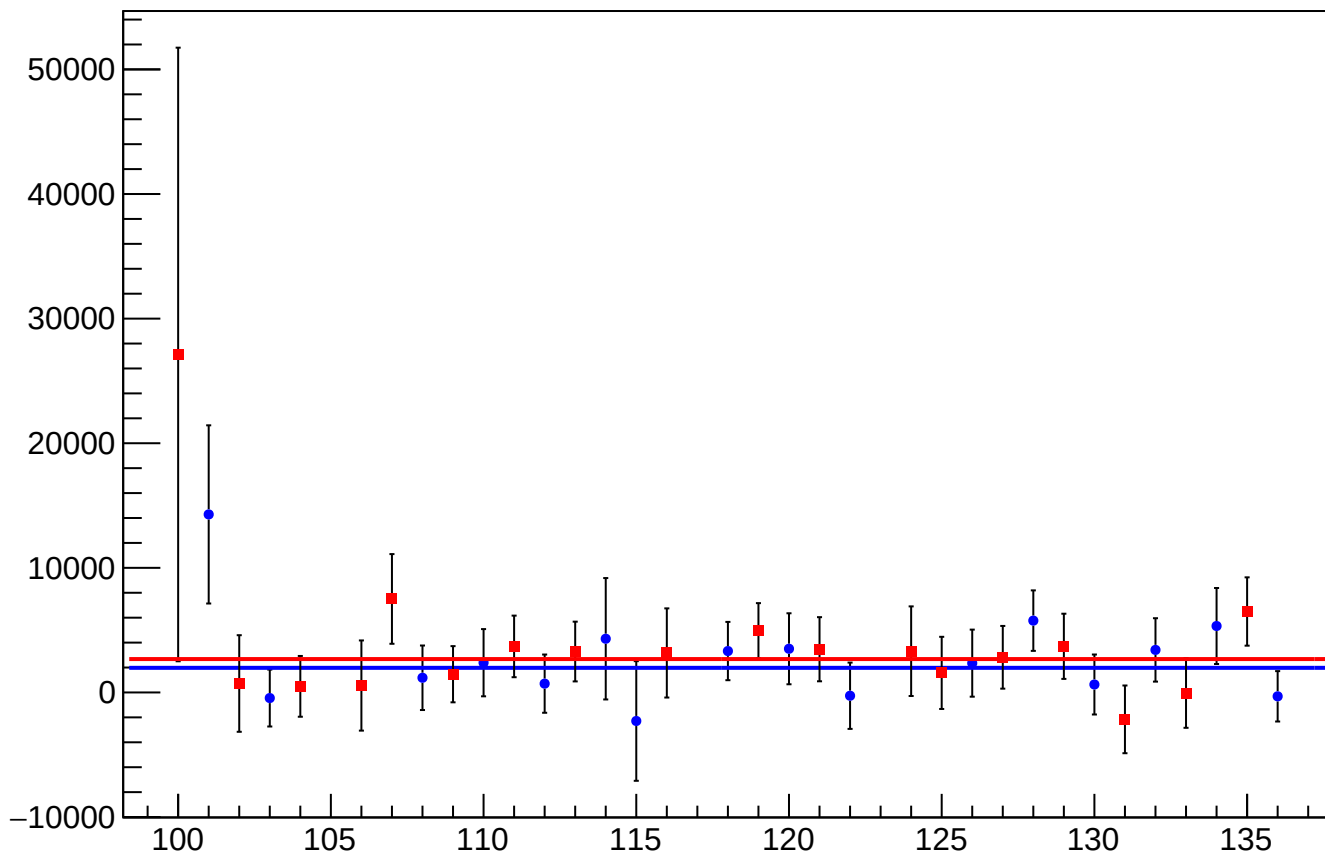
Right: 1885.740+/-0.440 χ^2/NDF : 10240192.5/33

In: 3043.270+/-0.830 χ^2/NDF : 905659.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1885.740+/-0.440 χ^2/NDF : 10240192.5/33

dit_asym_atr1l2_avg_mean vs Slug, Sign Corrected



Right In: 1975.804 $\pm$ 674.086 χ^2 /NDF: 12.4/15

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

Right Out: 2679.439 $\pm$ 665.749 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

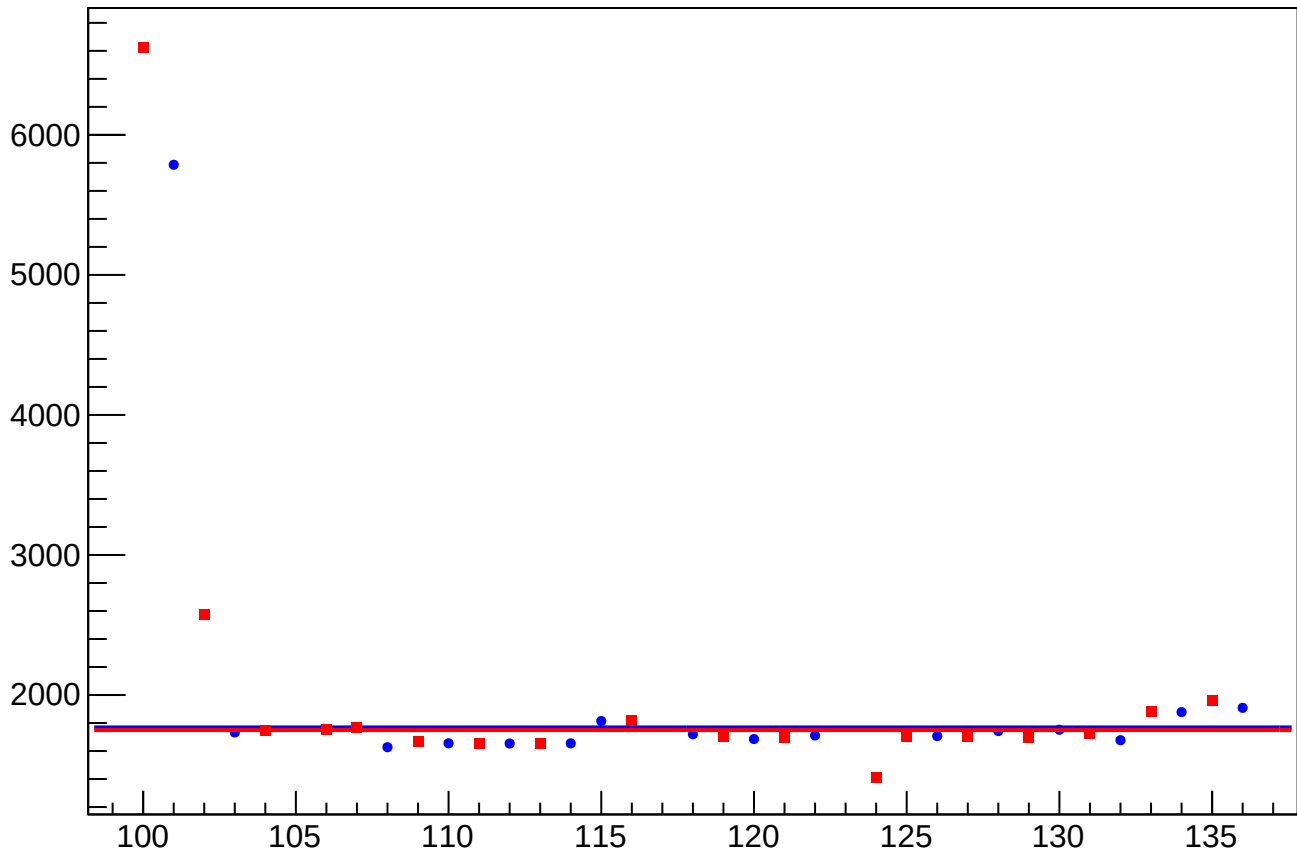
Right: 2332.000 $\pm$ 473.676 χ^2 /NDF: 25.3/33

In: 1975.804 $\pm$ 674.086 χ^2 /NDF:12.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2332.000 $\pm$ 473.676 χ^2 /NDF: 25.3/33

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: 1749.602+/-0.469 χ^2/NDF : 216158.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

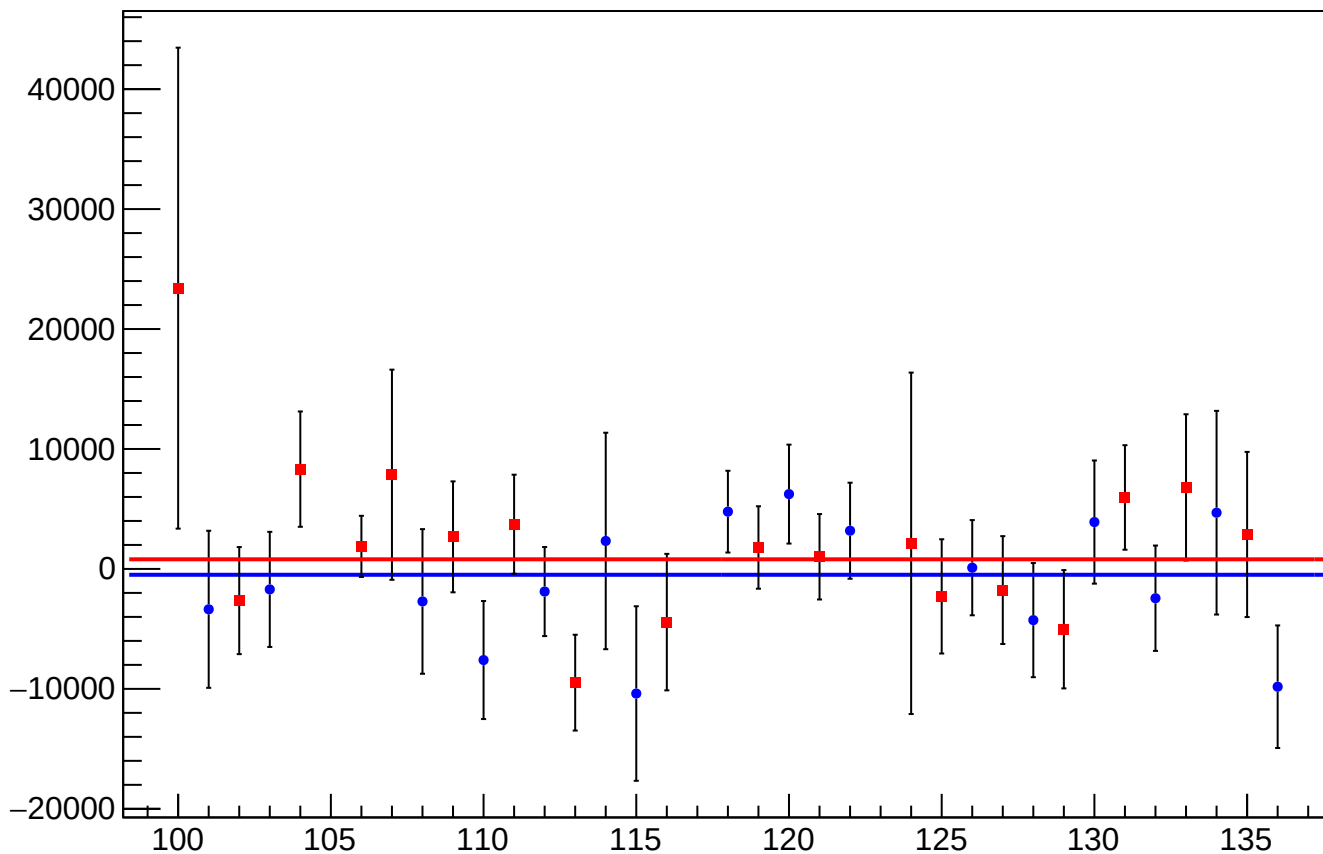
Right: 1758.898+/-0.334 χ^2/NDF : 884321.6/33

In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1758.898+/-0.334 χ^2/NDF : 884321.6/33

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: 801.892+/-1074.710 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

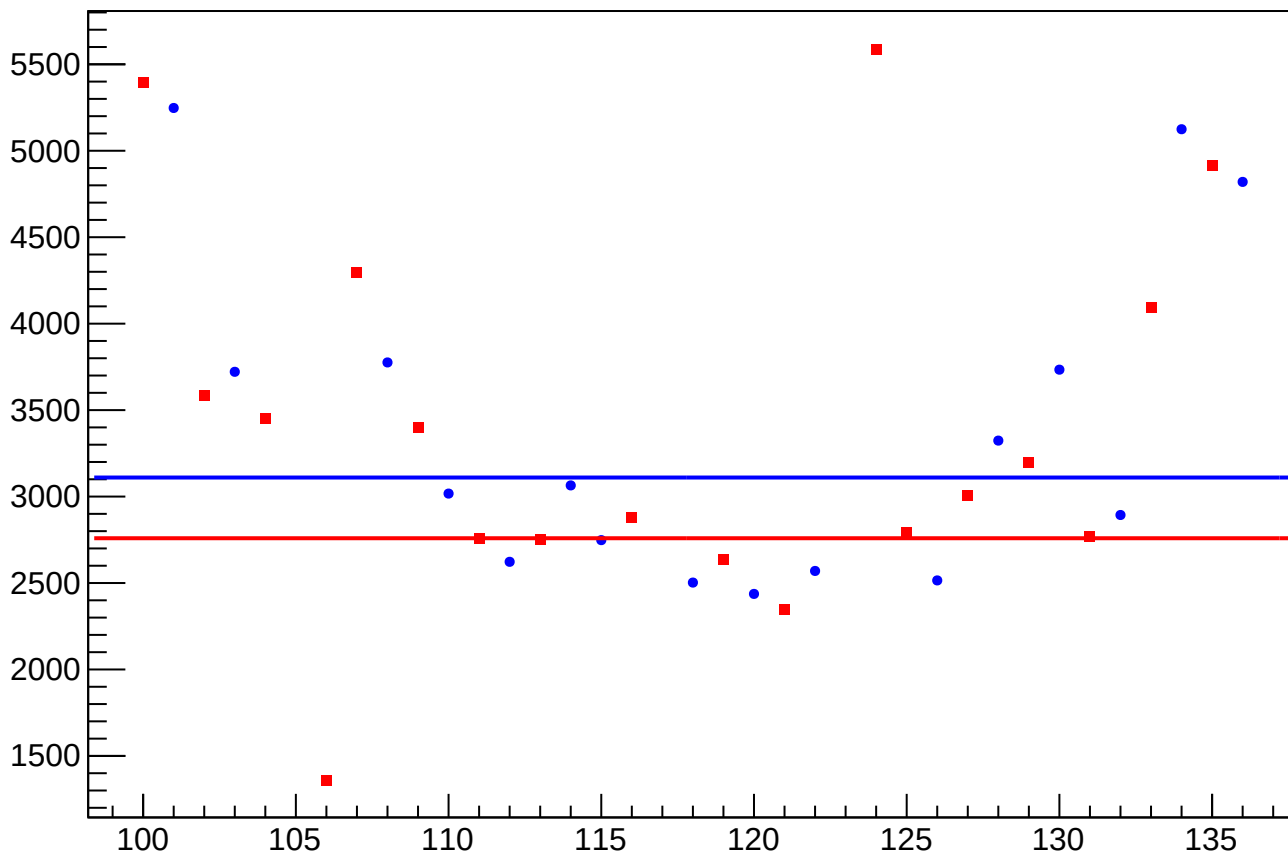
Right: 226.938+/-800.134 χ^2/NDF : 34.4/33

In: -488.104+/-1198.506 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.938+/-800.134 χ^2/NDF : 34.4/33

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: 2759.011+/-0.760 χ^2/NDF : 1272496.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

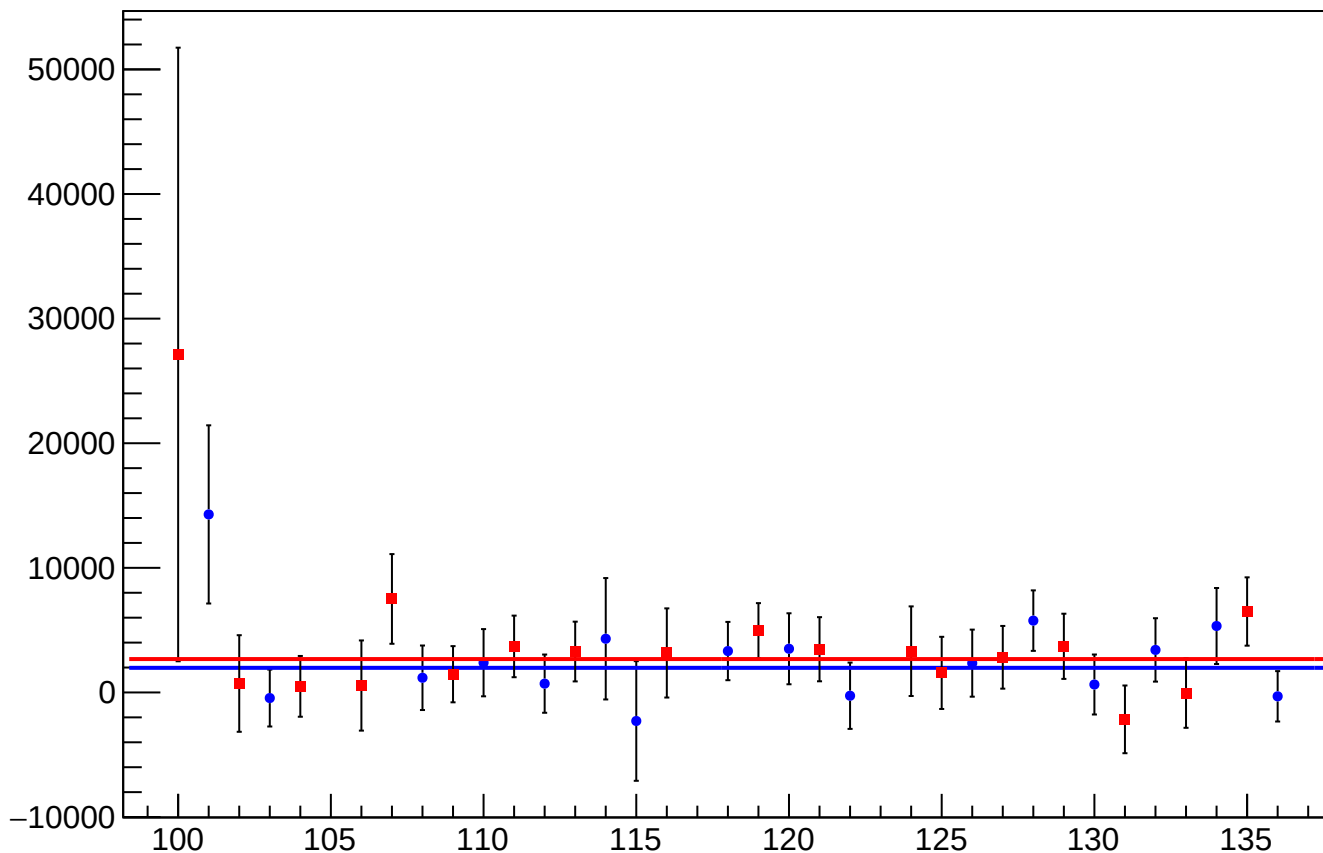
Right: 2915.507+/-0.566 χ^2/NDF : 2250908.5/33

In: 3110.133+/-0.847 χ^2/NDF :883262.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2915.507+/-0.566 χ^2/NDF : 2250908.5/33

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: 2679.440+/-665.749 χ^2/NDF : 12.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

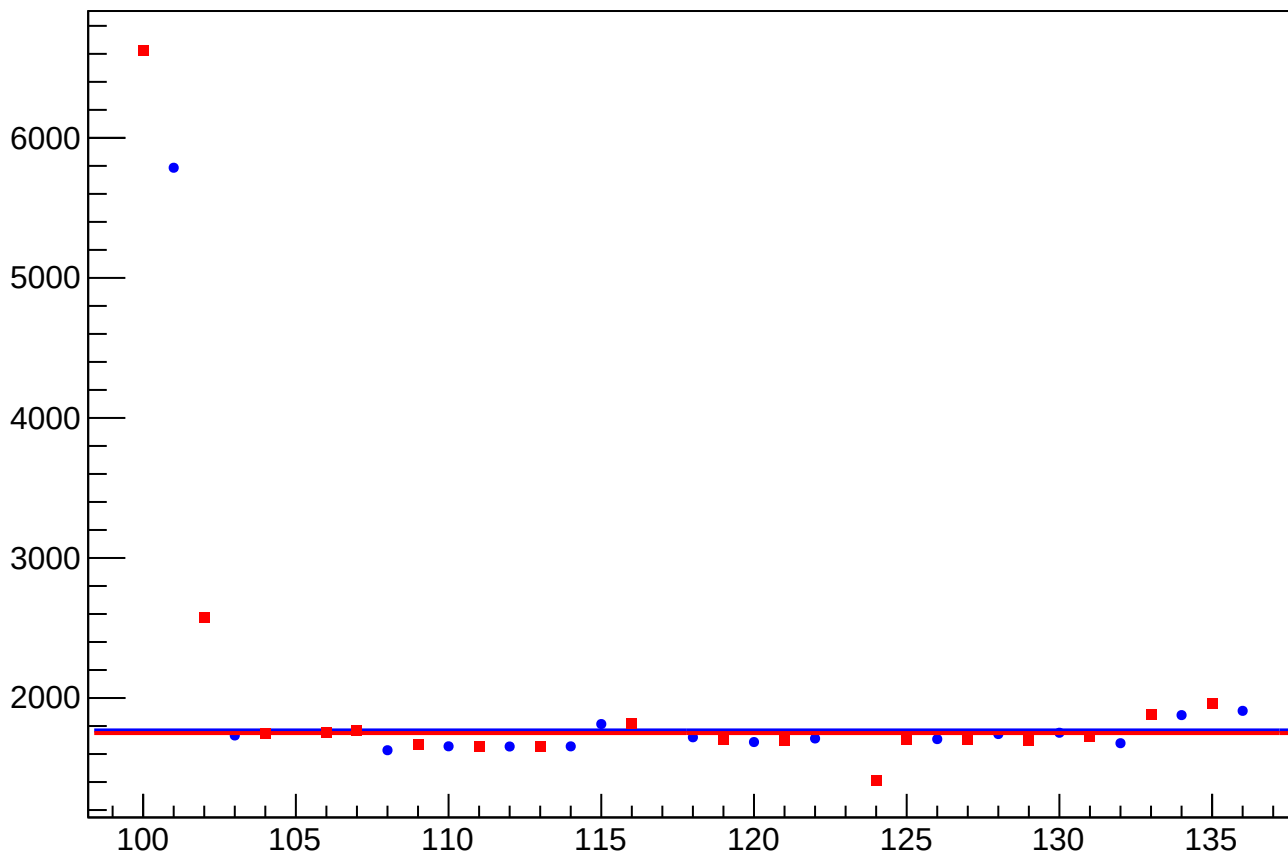
Right: 2332.001+/-473.676 χ^2/NDF : 25.3/33

In: 1975.805+/-674.086 χ^2/NDF : 12.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2332.001+/-473.676 χ^2/NDF : 25.3/33

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: 1749.602+/-0.469 χ^2/NDF : 216158.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

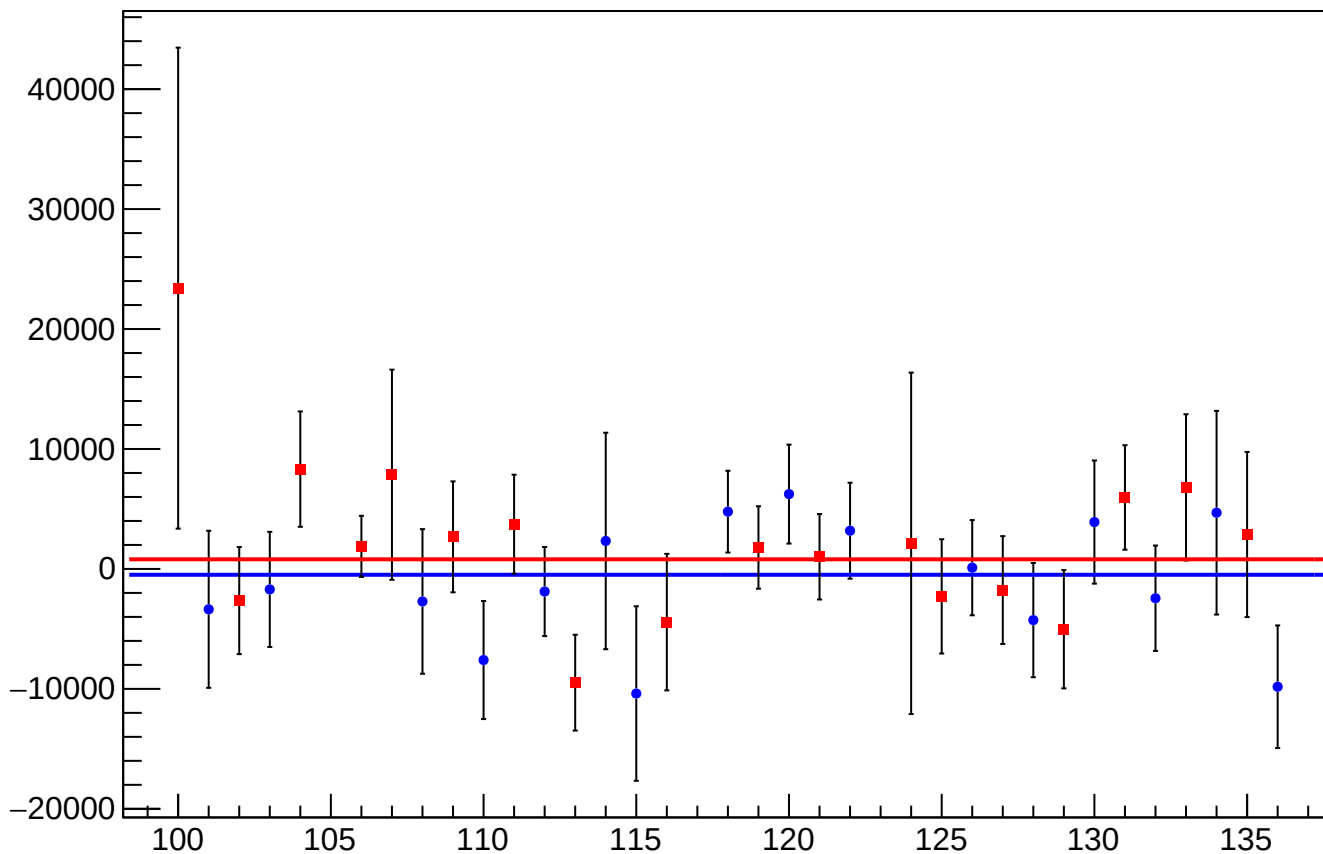
Right: 1758.898+/-0.334 χ^2/NDF : 884321.5/33

In: 1768.480+/-0.477 χ^2/NDF : 667367.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1758.898+/-0.334 χ^2/NDF : 884321.5/33

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: 801.893+/-1074.705 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

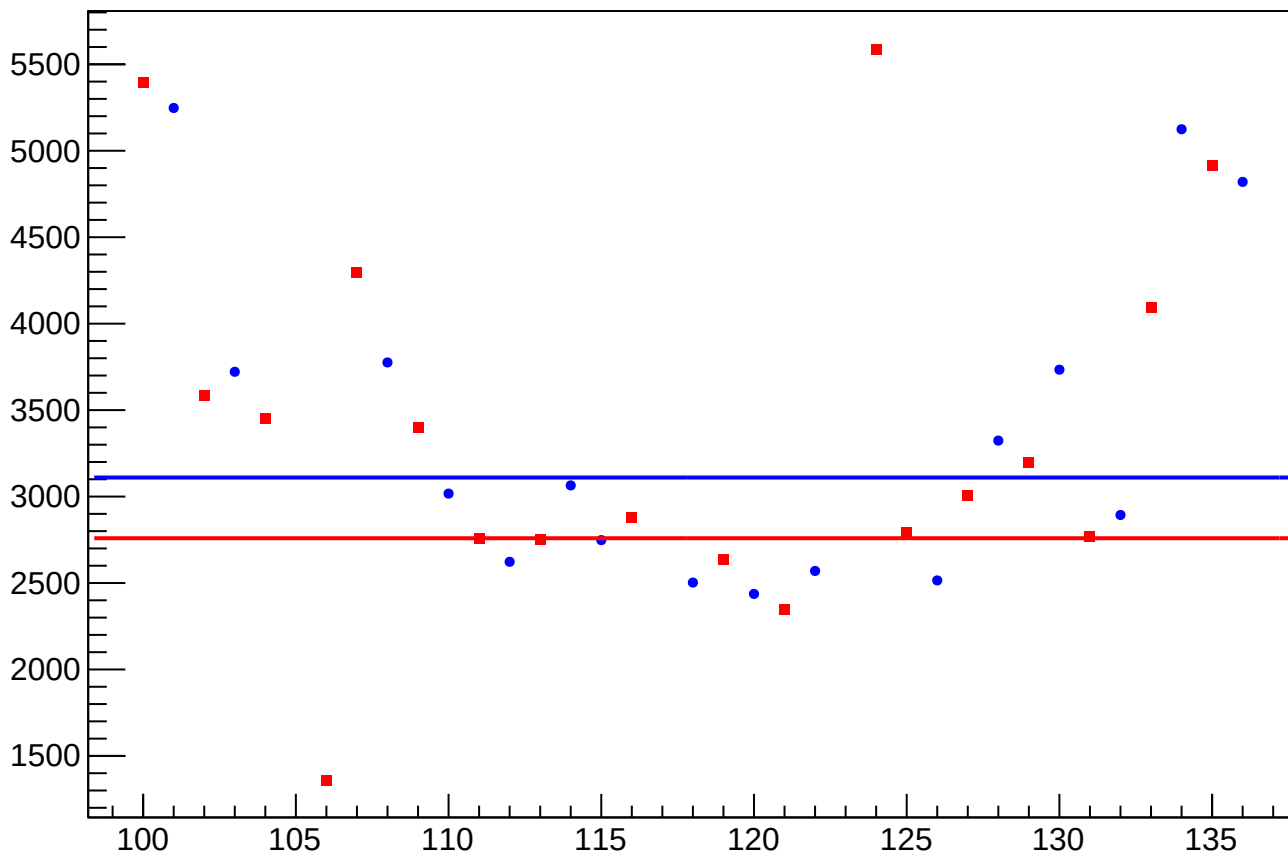
Right: 226.941+/-800.131 χ^2/NDF : 34.4/33

In: -488.098+/-1198.502 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.941+/-800.131 χ^2/NDF : 34.4/33

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: 2758.998+/-0.760 χ^2/NDF : 1272513.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

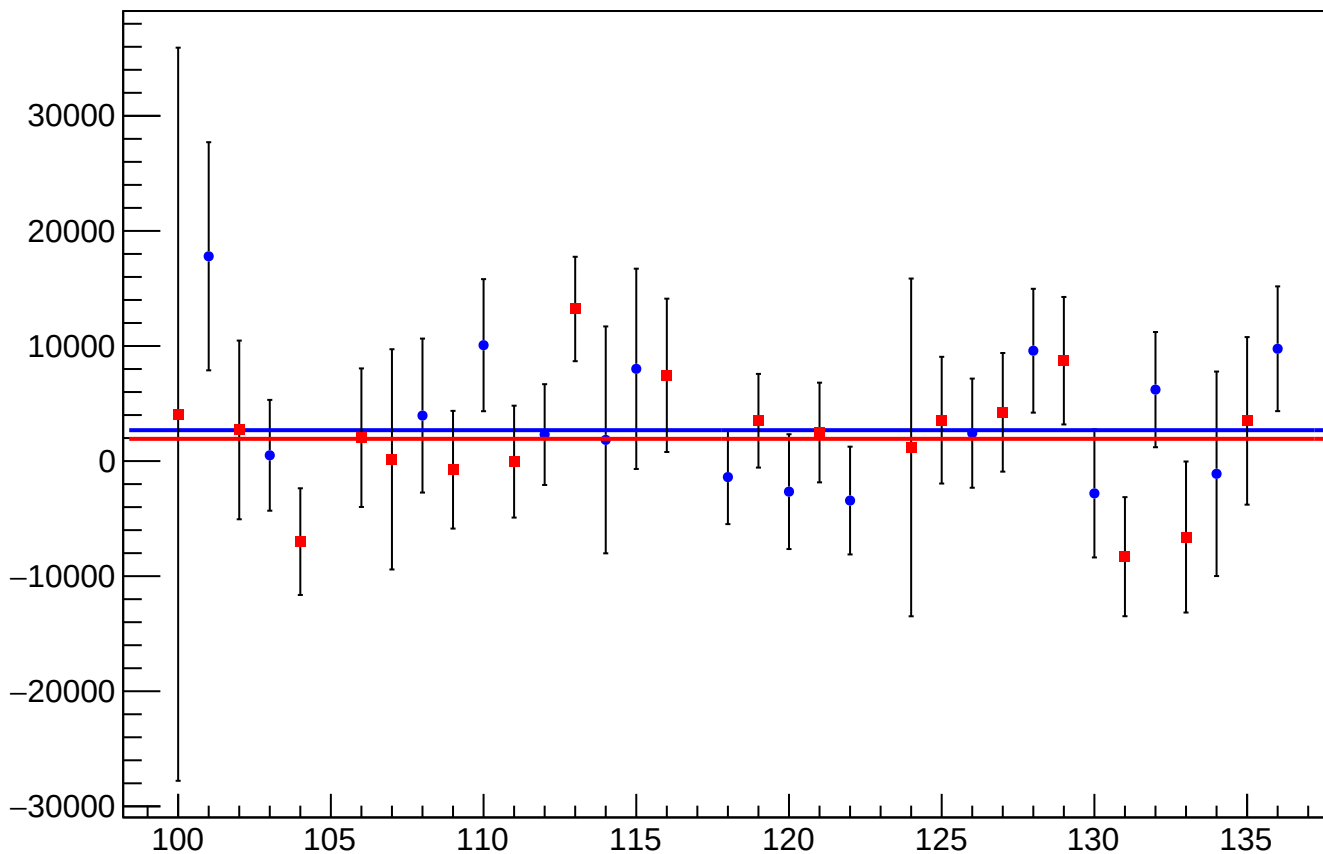
Right: 2915.494+/-0.566 χ^2/NDF : 2250937.7/33

In: 3110.121+/-0.847 χ^2/NDF :883272.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2915.494+/-0.566 χ^2/NDF : 2250937.7/33

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: 1932.328+/-1342.069 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

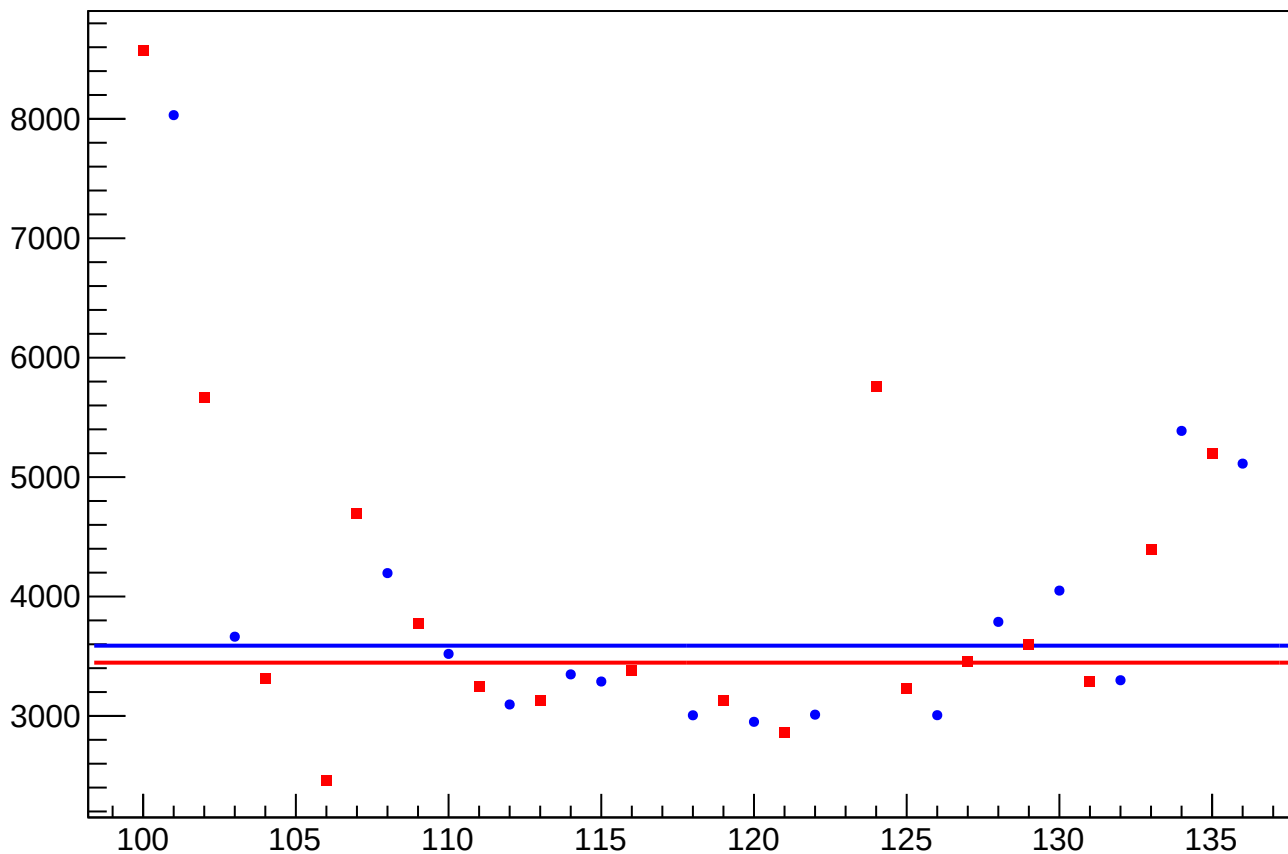
Right: 2298.404+/-962.085 χ^2/NDF : 32.3/33

In: 2685.414+/-1379.907 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2298.404+/-962.085 χ^2/NDF : 32.3/33

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: 3446.144+/-0.934 χ^2/NDF : 622297.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

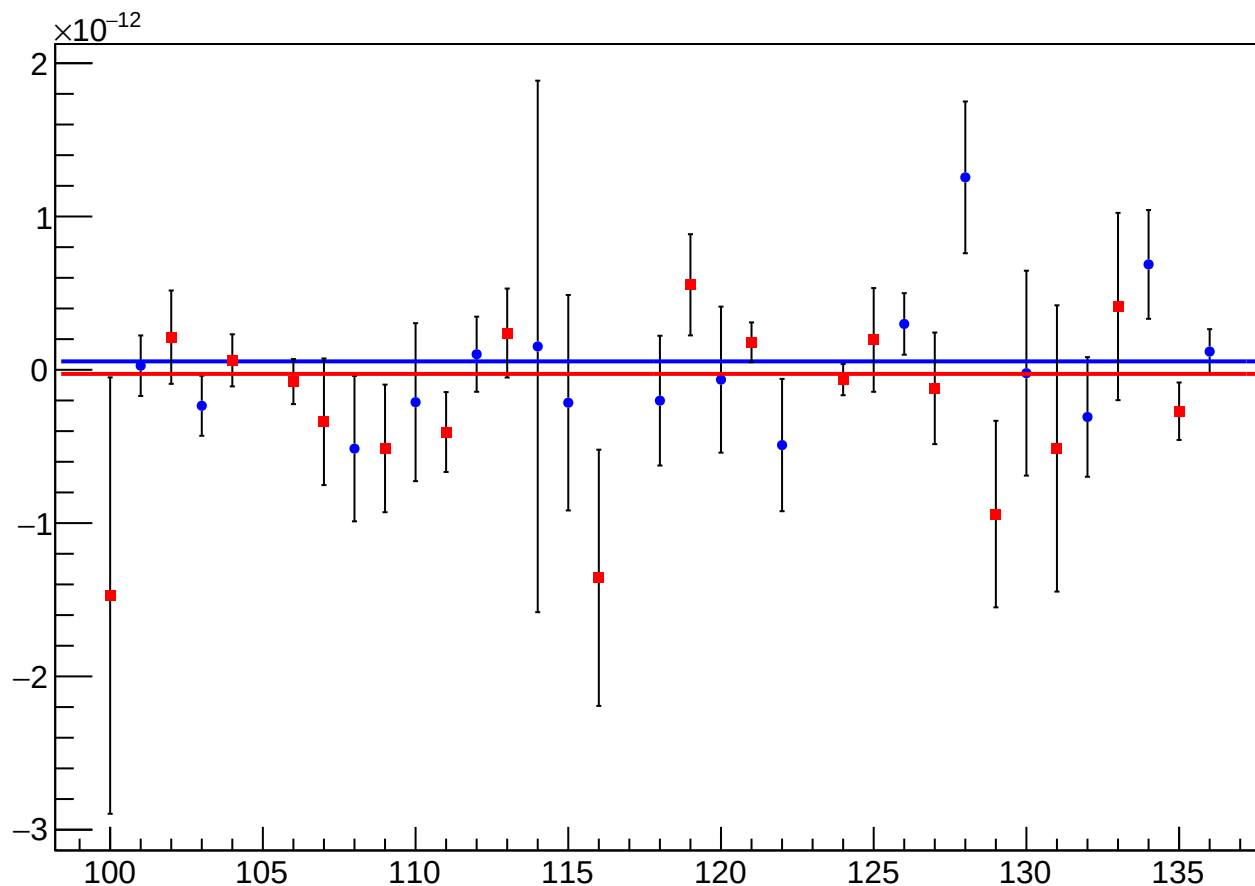
Right: 3514.208+/-0.675 χ^2/NDF : 1478608.2/33

In: 3588.430+/-0.976 χ^2/NDF : 845218.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3514.208+/-0.675 χ^2/NDF : 1478608.2/33

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 17.7/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 20.5/17

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

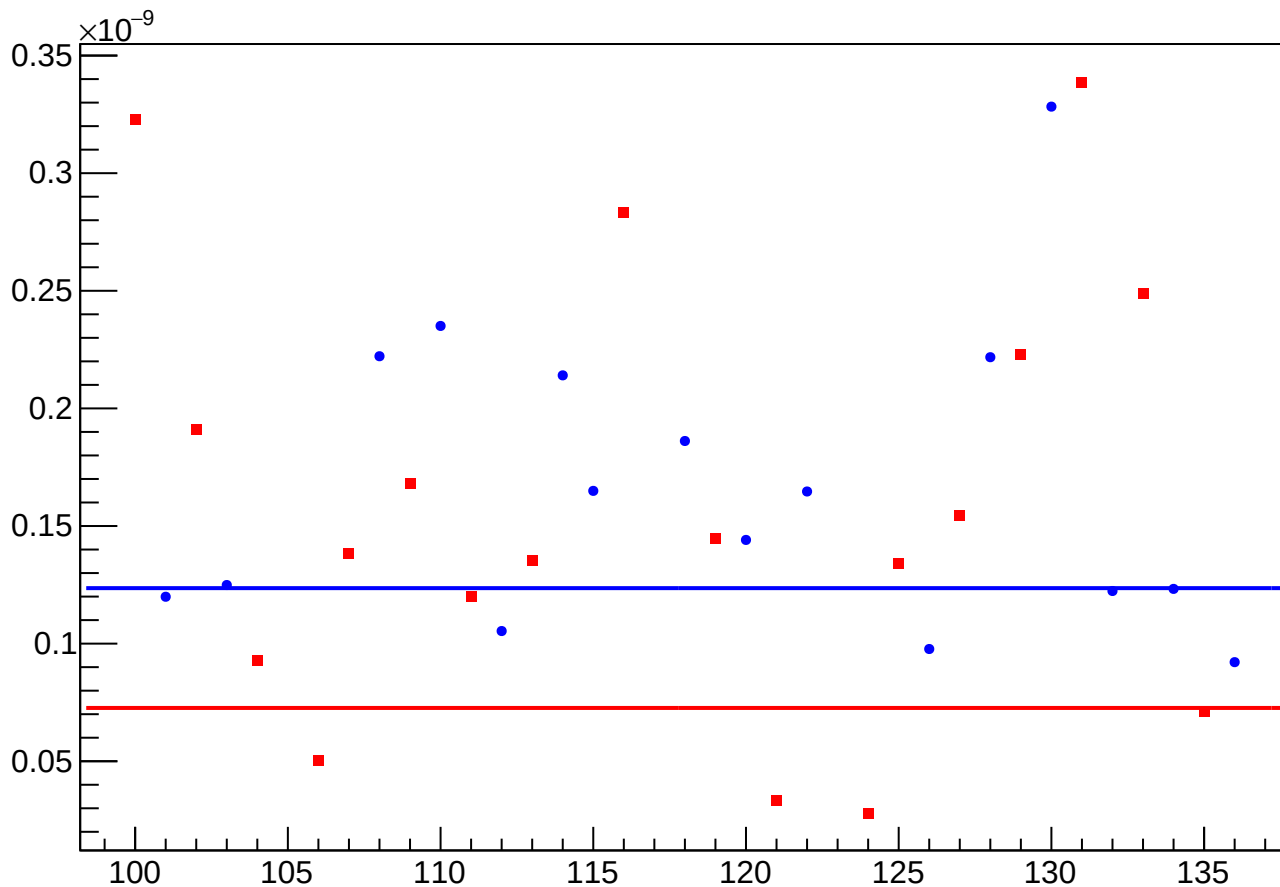
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 39.0/33

In: 0.000 $\pm$ 0.000 χ^2/NDF : 17.7/15

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 39.0/33

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 : 2171375.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

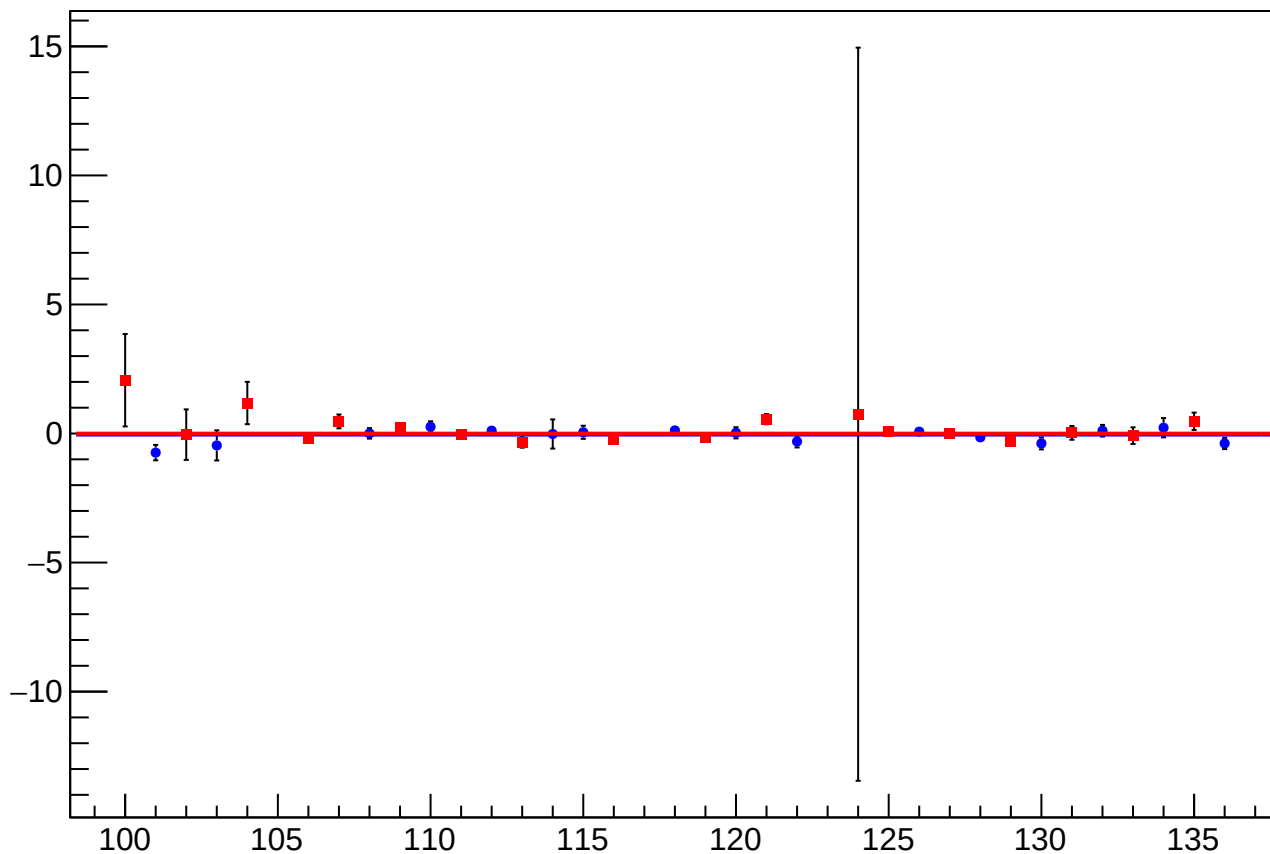
Right: 0.000+/-0.000 χ^2/NDF : 3464776.3/33

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 : 3464776.3/33

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: -0.005 ± 0.051 $\chi^2/\text{NDF}: 28.6/17$

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

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

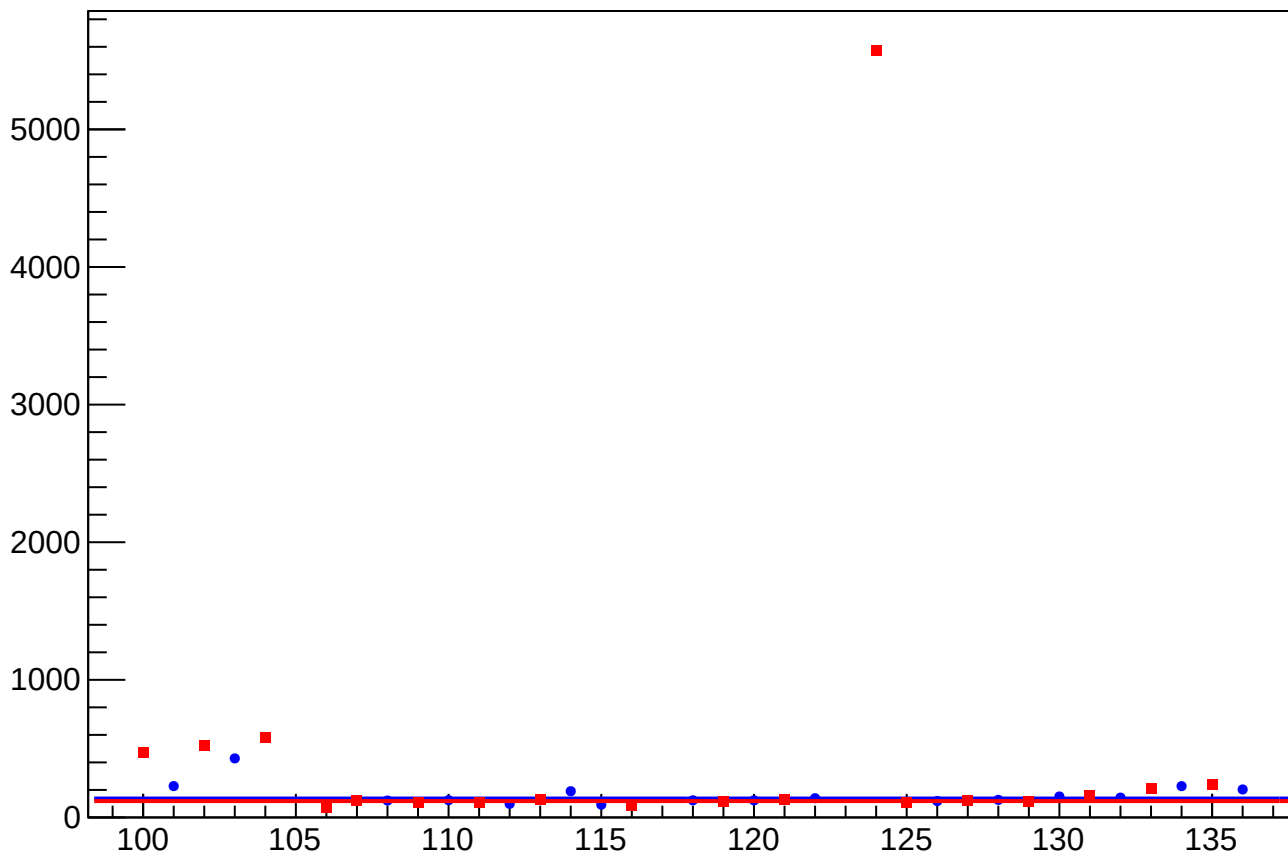
Right: -0.021 ± 0.038 $\chi^2/\text{NDF}: 46.8/33$

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: -0.021 ± 0.038 $\chi^2/\text{NDF}: 46.8/33$

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: 119.017+/-0.036 χ^2/NDF : 2091529.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

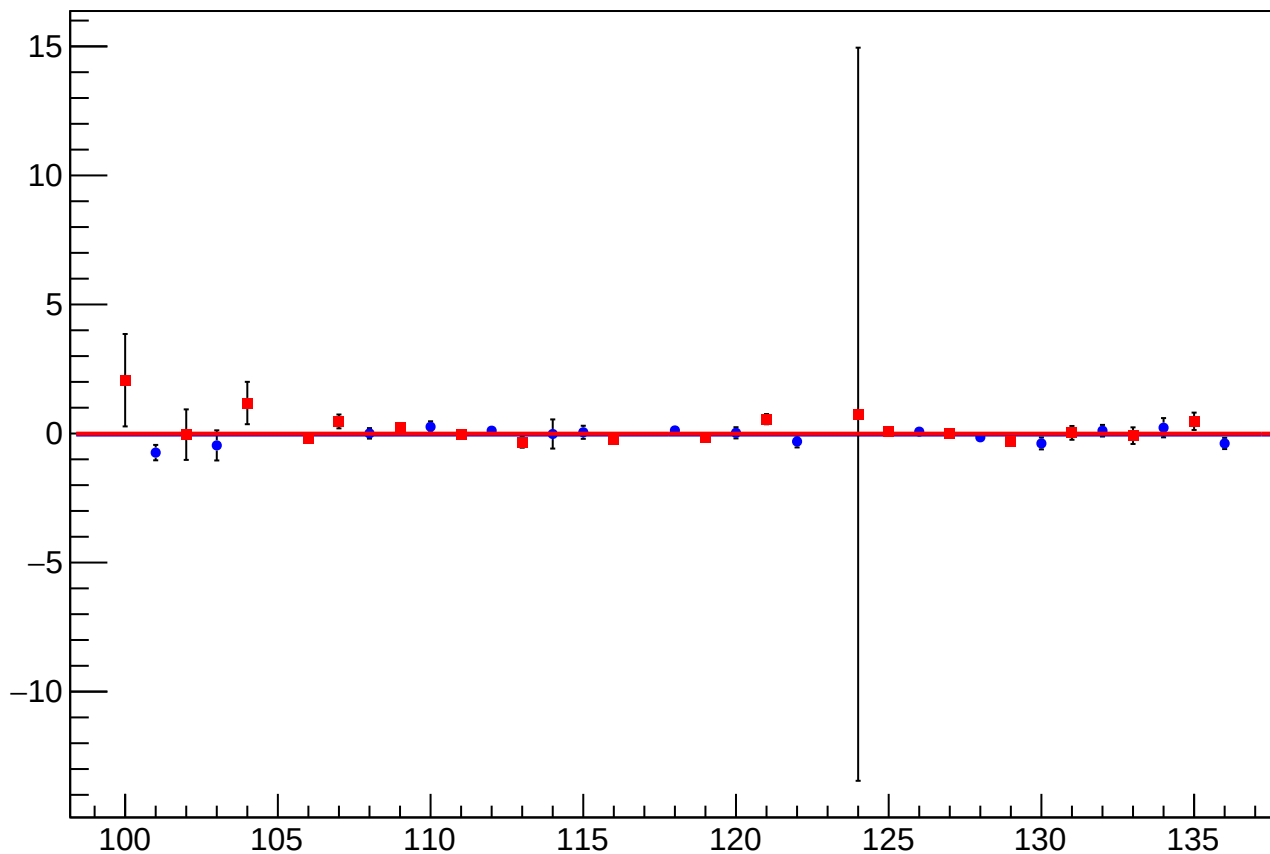
Right: 127.438+/-0.027 χ^2/NDF : 3477318.2/33

In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.438+/-0.027 χ^2/NDF : 3477318.2/33

asym_atr1l2_avg_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: -0.005 ± 0.051 $\chi^2/\text{NDF}: 28.6/17$

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

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

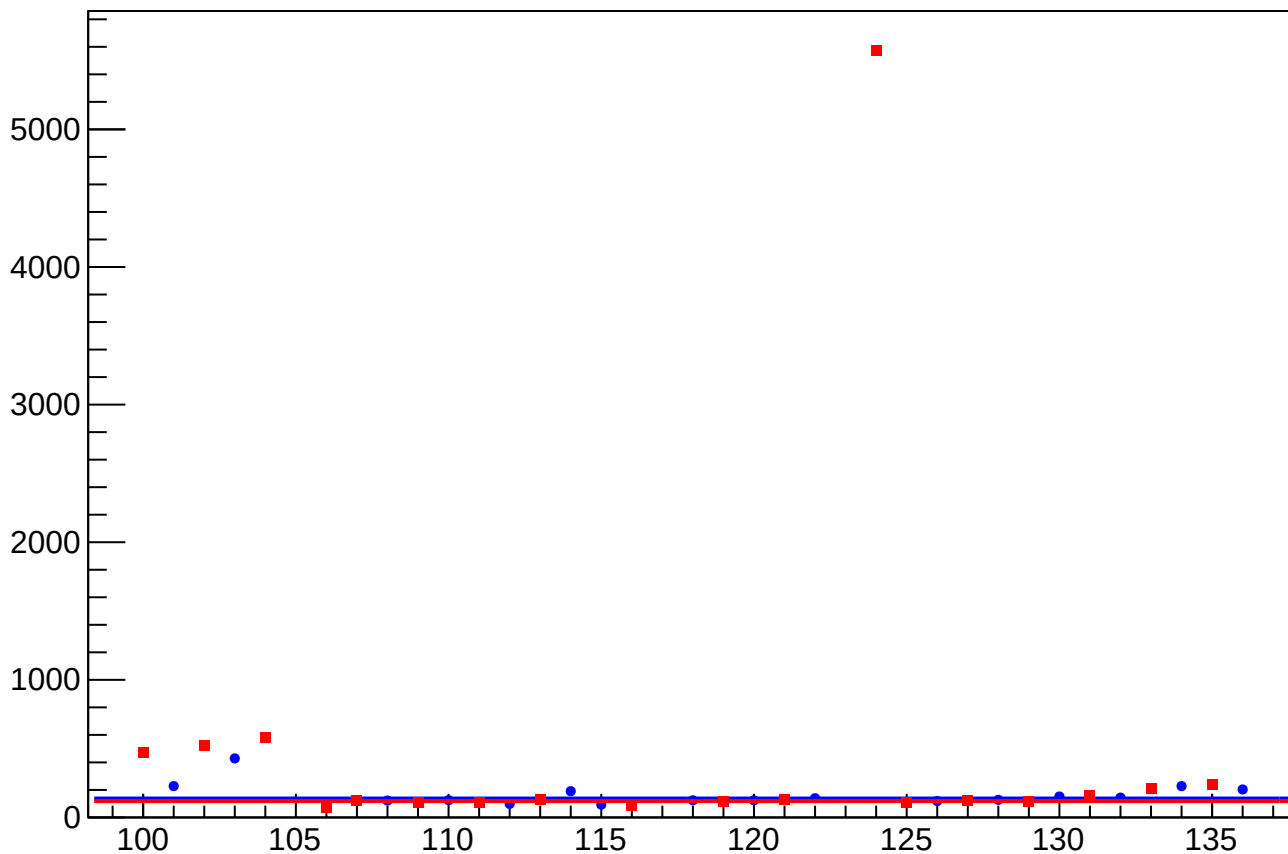
Right: -0.021 ± 0.038 $\chi^2/\text{NDF}: 46.8/33$

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: -0.021 ± 0.038 $\chi^2/\text{NDF}: 46.8/33$

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: 119.017+/-0.036 χ^2/NDF : 2091529.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

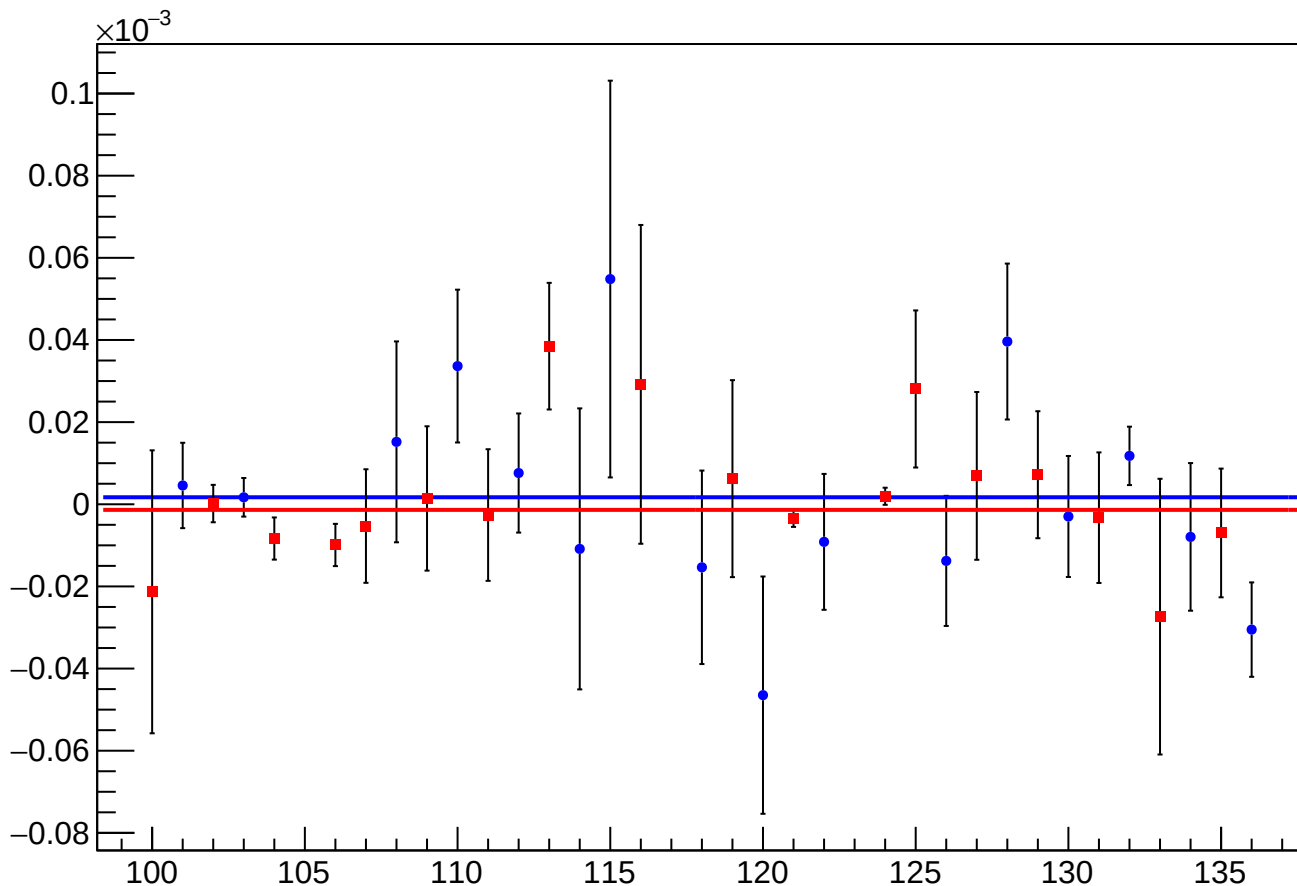
Right: 127.438+/-0.027 χ^2/NDF : 3477318.2/33

In: 137.399+/-0.039 χ^2/NDF : 1268257.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.438+/-0.027 χ^2/NDF : 3477318.2/33

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 : 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

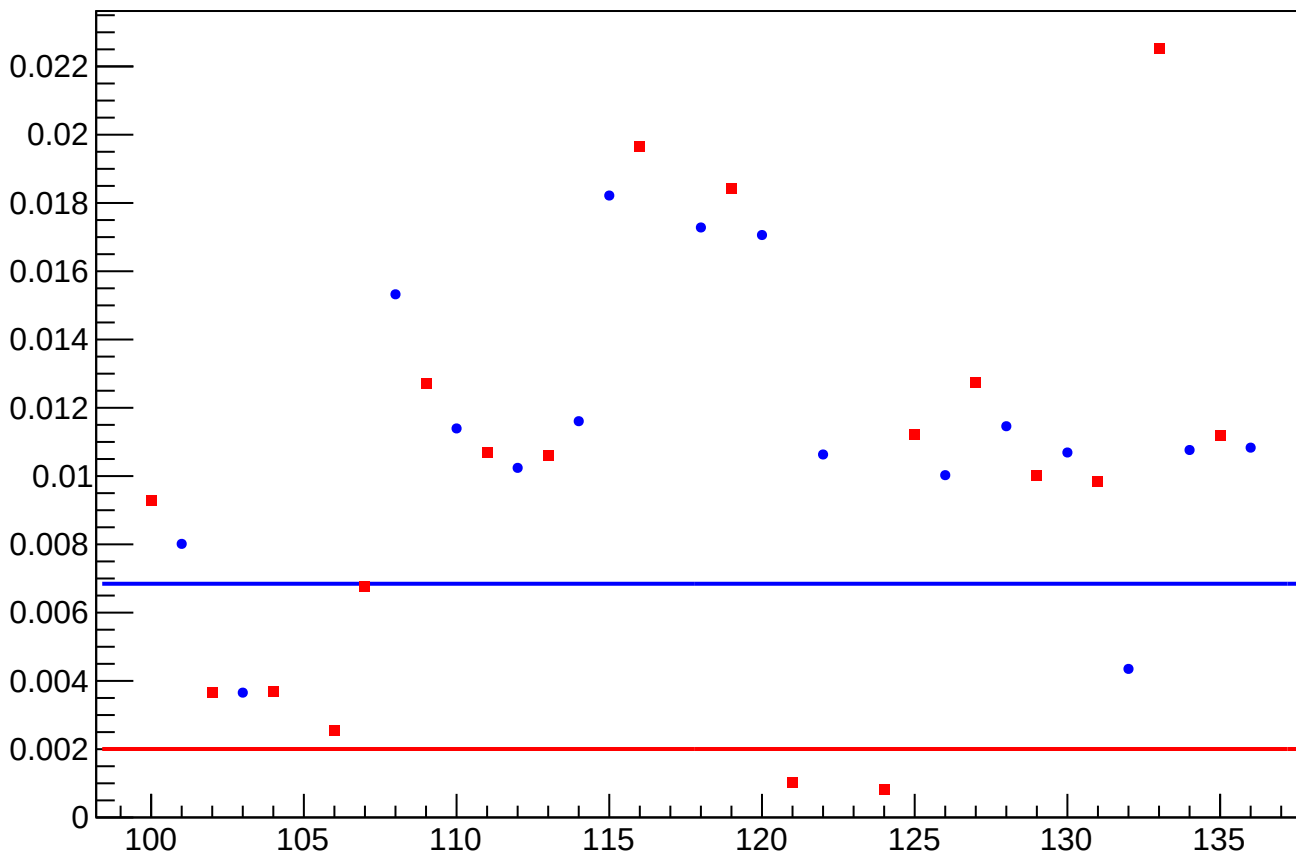
Right: -0.000+/-0.000 χ^2/NDF : 44.4/33

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 : 44.4/33

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 : 8736536.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

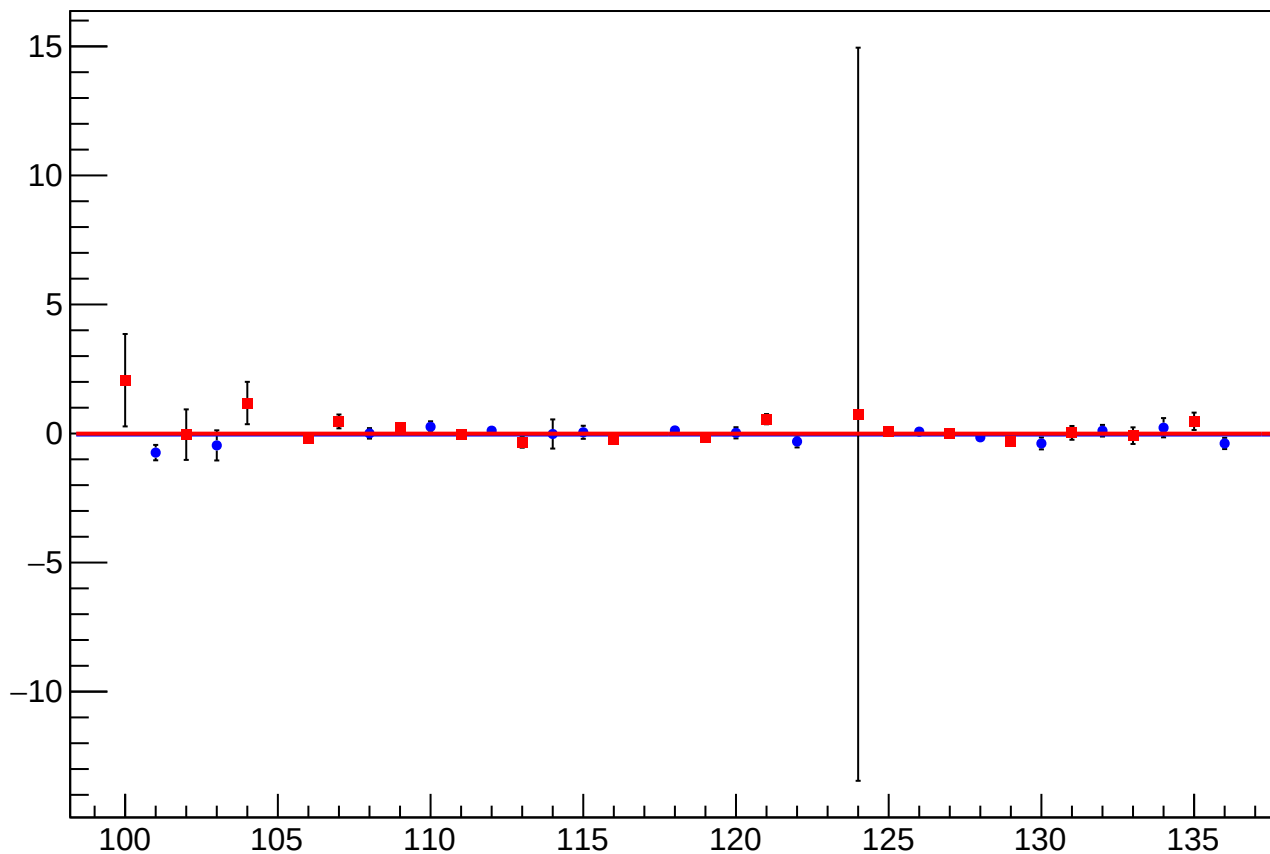
Right: 0.003+/-0.000 χ^2/NDF : 16478268.4/33

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 : 16478268.4/33

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: -0.005 ± 0.051 χ^2/NDF : 28.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

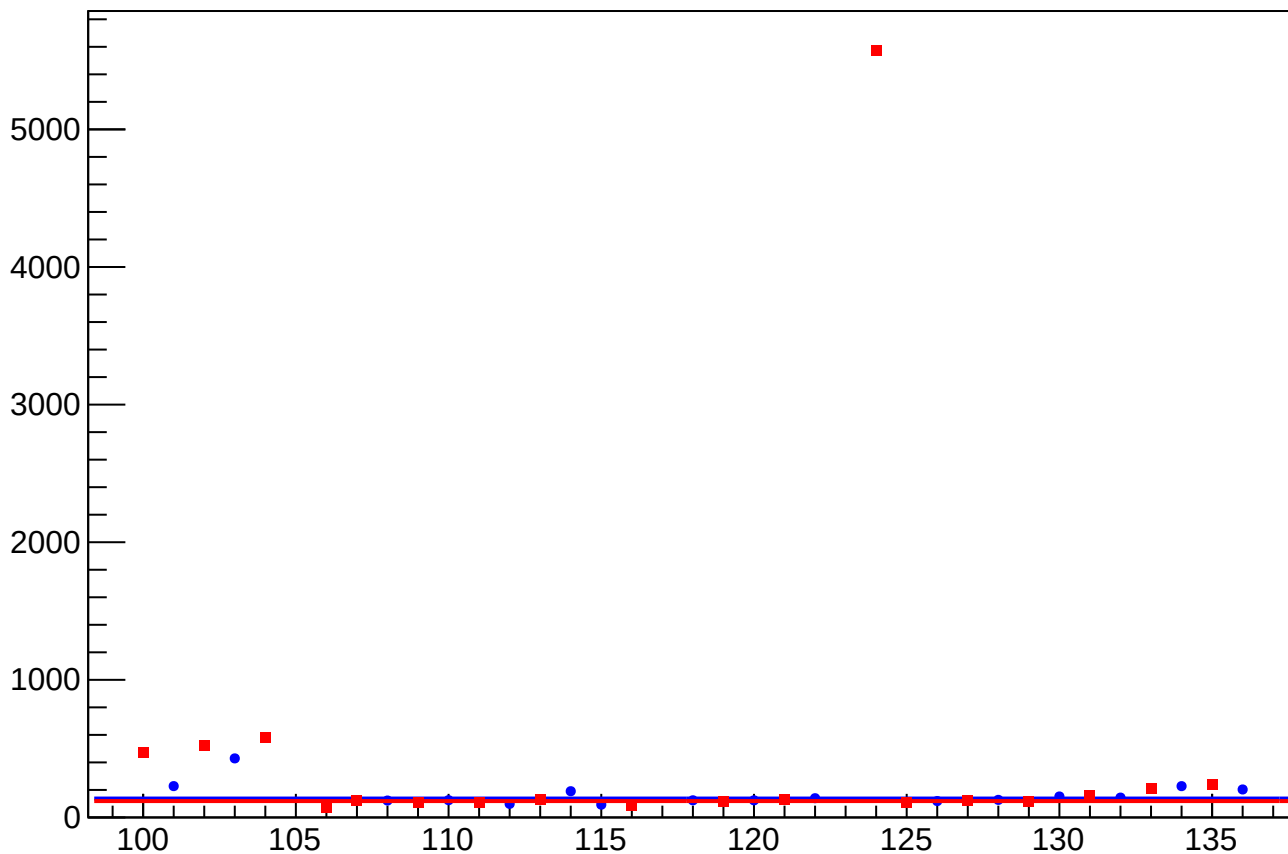
Right: -0.021 ± 0.038 χ^2/NDF : 46.8/33

In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.038 χ^2/NDF : 46.8/33

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: 119.017+/-0.036 χ^2/NDF : 2091453.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

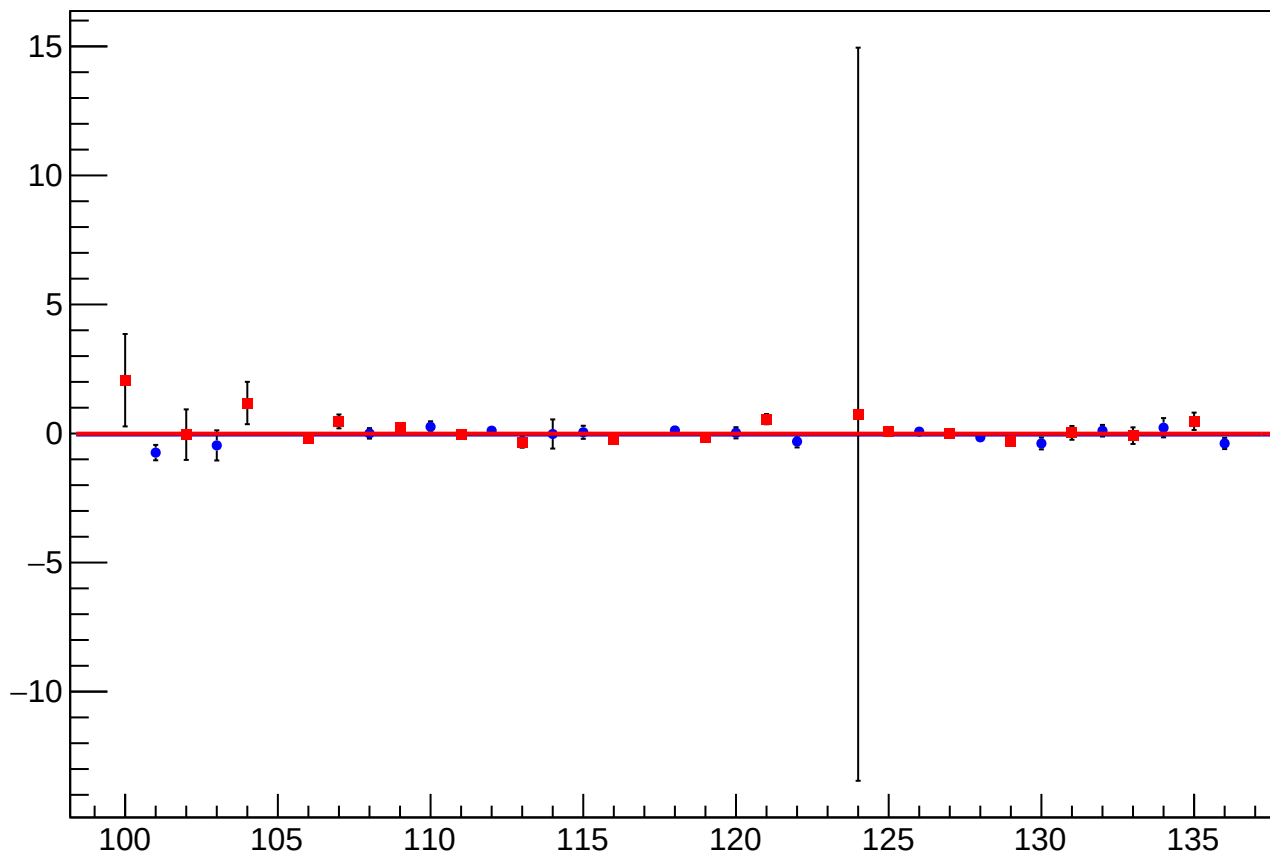
Right: 127.438+/-0.027 χ^2/NDF : 3477193.9/33

In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.438+/-0.027 χ^2/NDF : 3477193.9/33

asym_atr1l2_avg_eigen_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: -0.005 ± 0.051 χ^2/NDF : 28.6/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

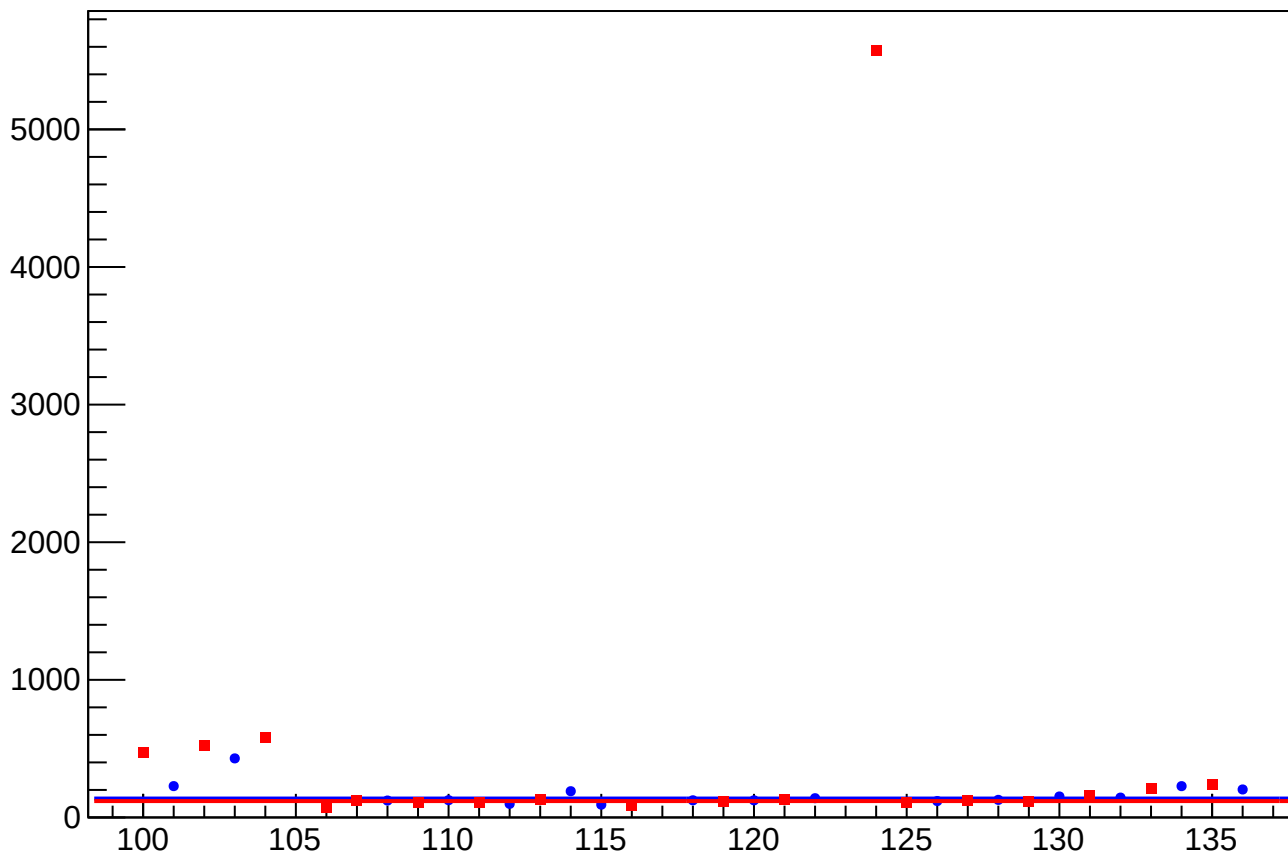
Right: -0.021 ± 0.038 χ^2/NDF : 46.8/33

In: -0.040 ± 0.056 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.021 ± 0.038 χ^2/NDF : 46.8/33

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: 119.017+/-0.036 χ^2/NDF : 2091453.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

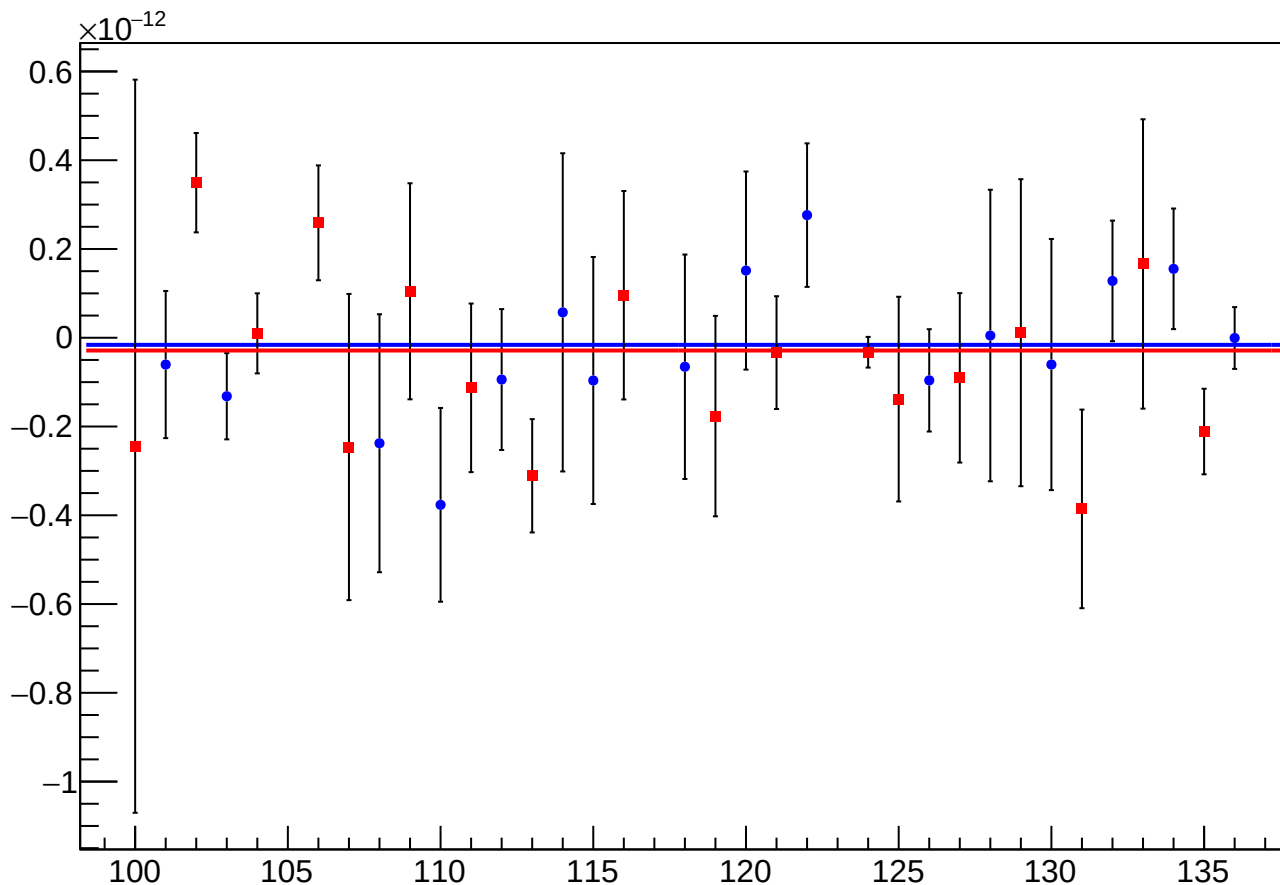
Right: 127.438+/-0.027 χ^2/NDF : 3477193.9/33

In: 137.400+/-0.039 χ^2/NDF : 1268197.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.438+/-0.027 χ^2/NDF : 3477193.9/33

asym_atr12_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 : 29.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

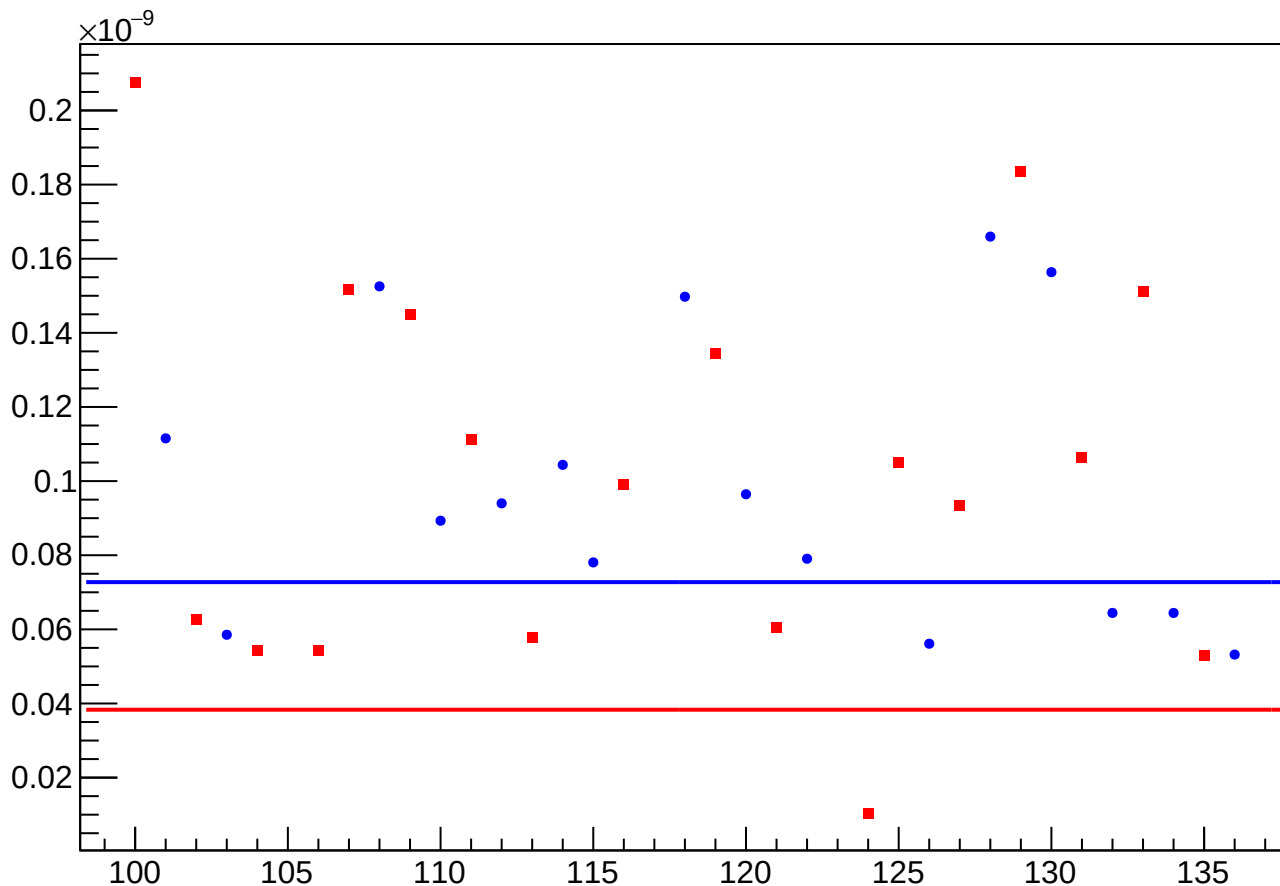
Right: -0.000+/-0.000 χ^2/NDF : 42.3/33

In: -0.000+/-0.000 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 42.3/33

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 : 4247245.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

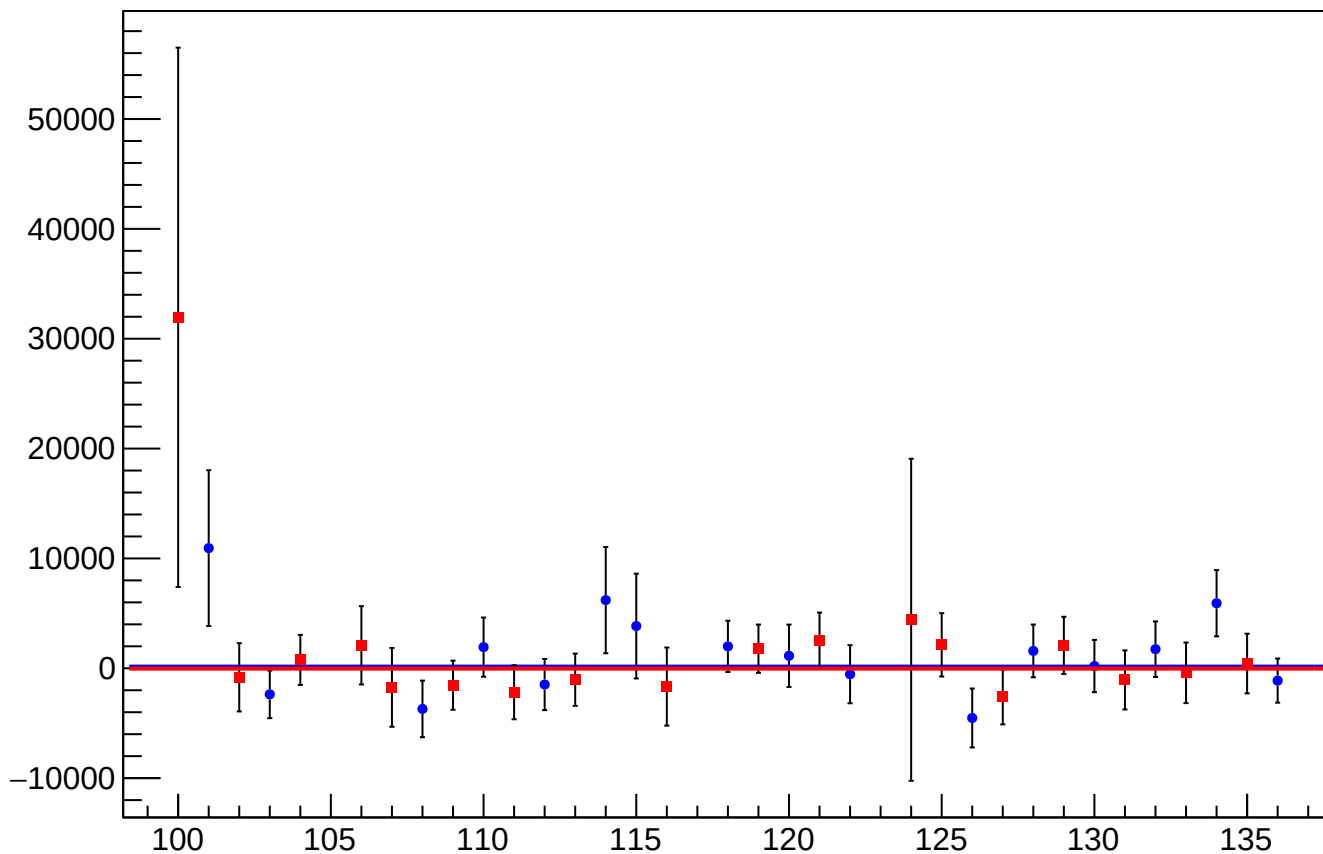
Right: 0.000+/-0.000 χ^2/NDF : 6530852.0/33

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 : 6530852.0/33

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: -28.836 $\pm$ 663.313 χ^2 /NDF: 8.3/17

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

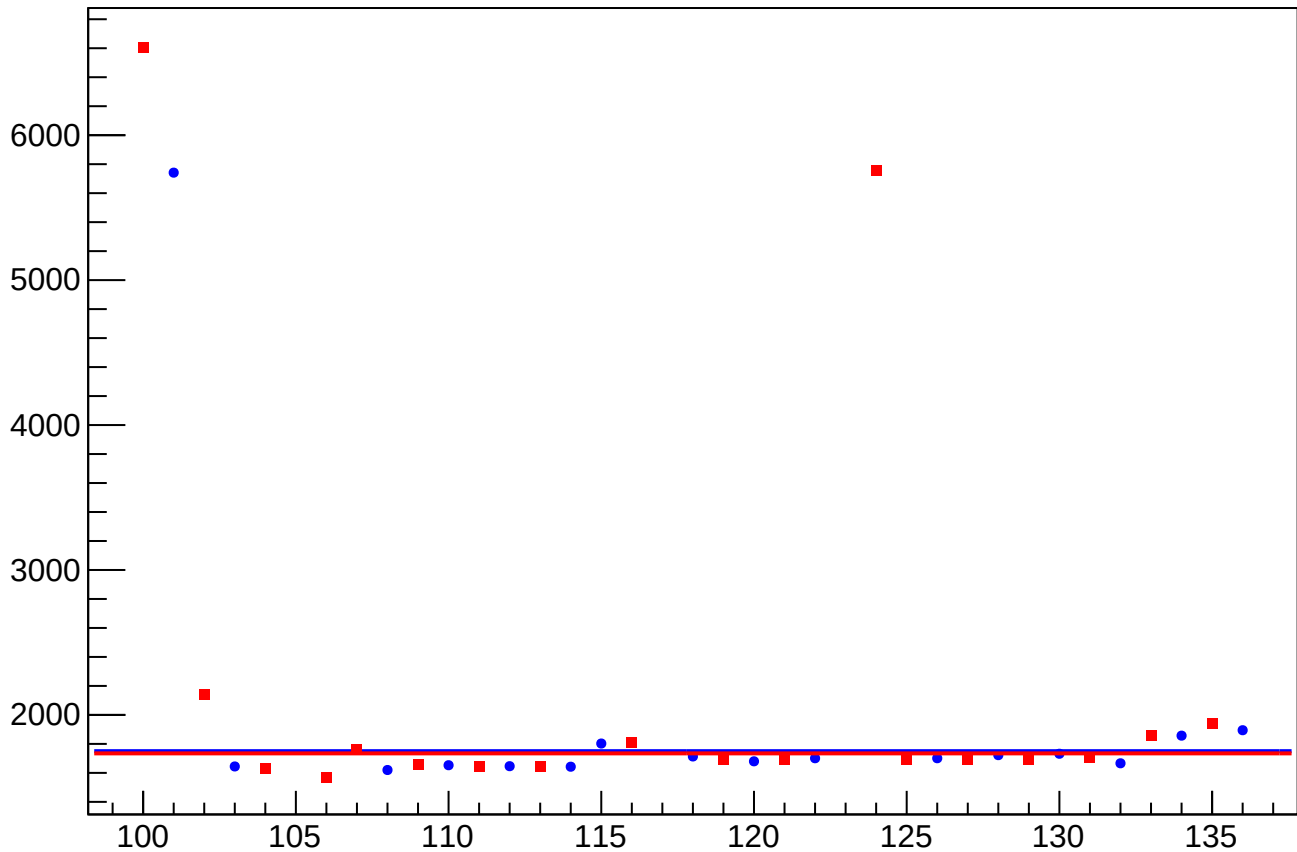
Right: 60.441 $\pm$ 470.341 χ^2 /NDF: 26.0/33

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: 60.441 $\pm$ 470.341 χ^2 /NDF: 26.0/33

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: 1734.582+/-0.466 χ^2/NDF : 301522.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

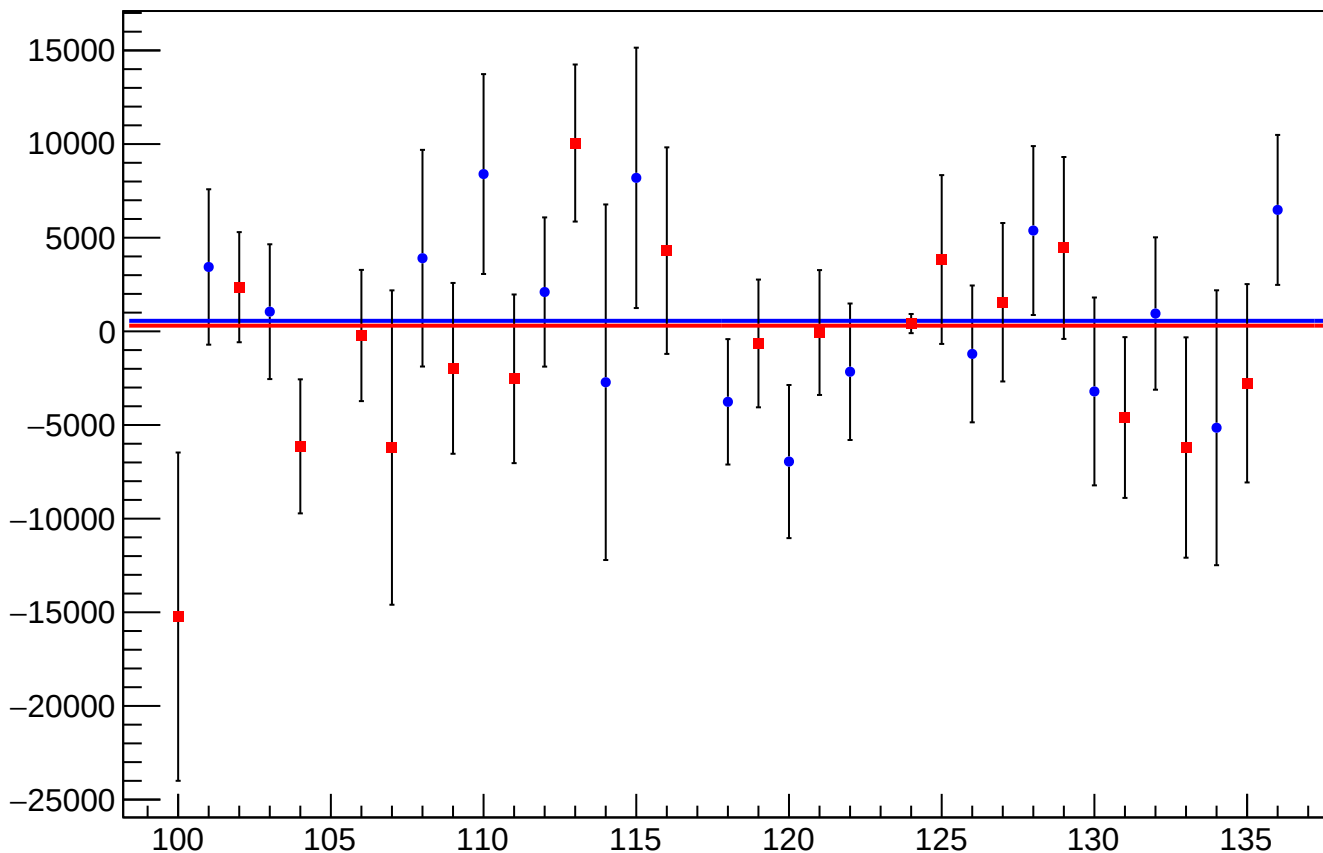
Right: 1742.123+/-0.331 χ^2/NDF : 971630.2/33

In: 1749.864+/-0.472 χ^2/NDF : 669576.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1742.123+/-0.331 χ^2/NDF : 971630.2/33

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: 304.131+/-458.656 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

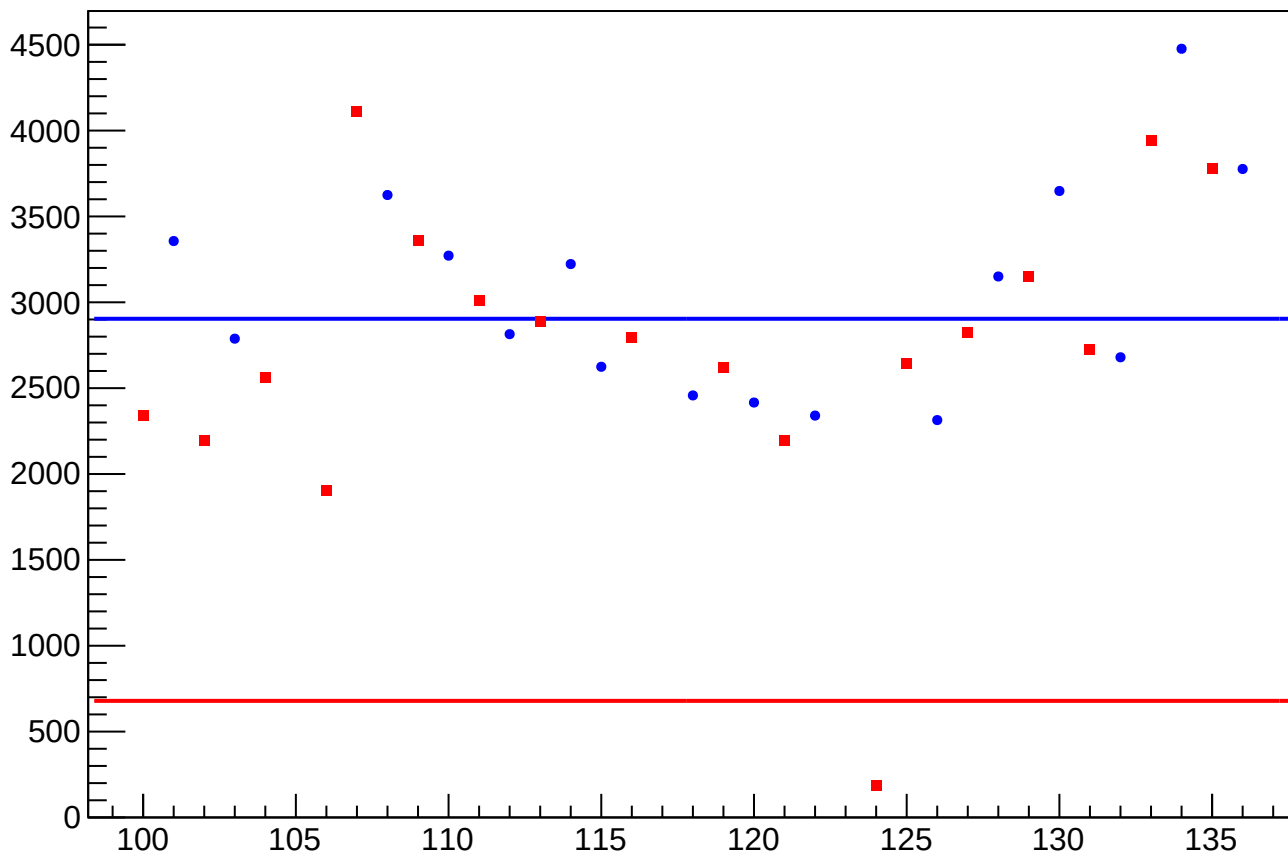
Right: 342.305+/-423.397 χ^2/NDF : 33.4/33

In: 562.339+/-1101.163 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.305+/-423.397 χ^2/NDF : 33.4/33

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: 678.973+/-0.324 χ^2/NDF : 9879548.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

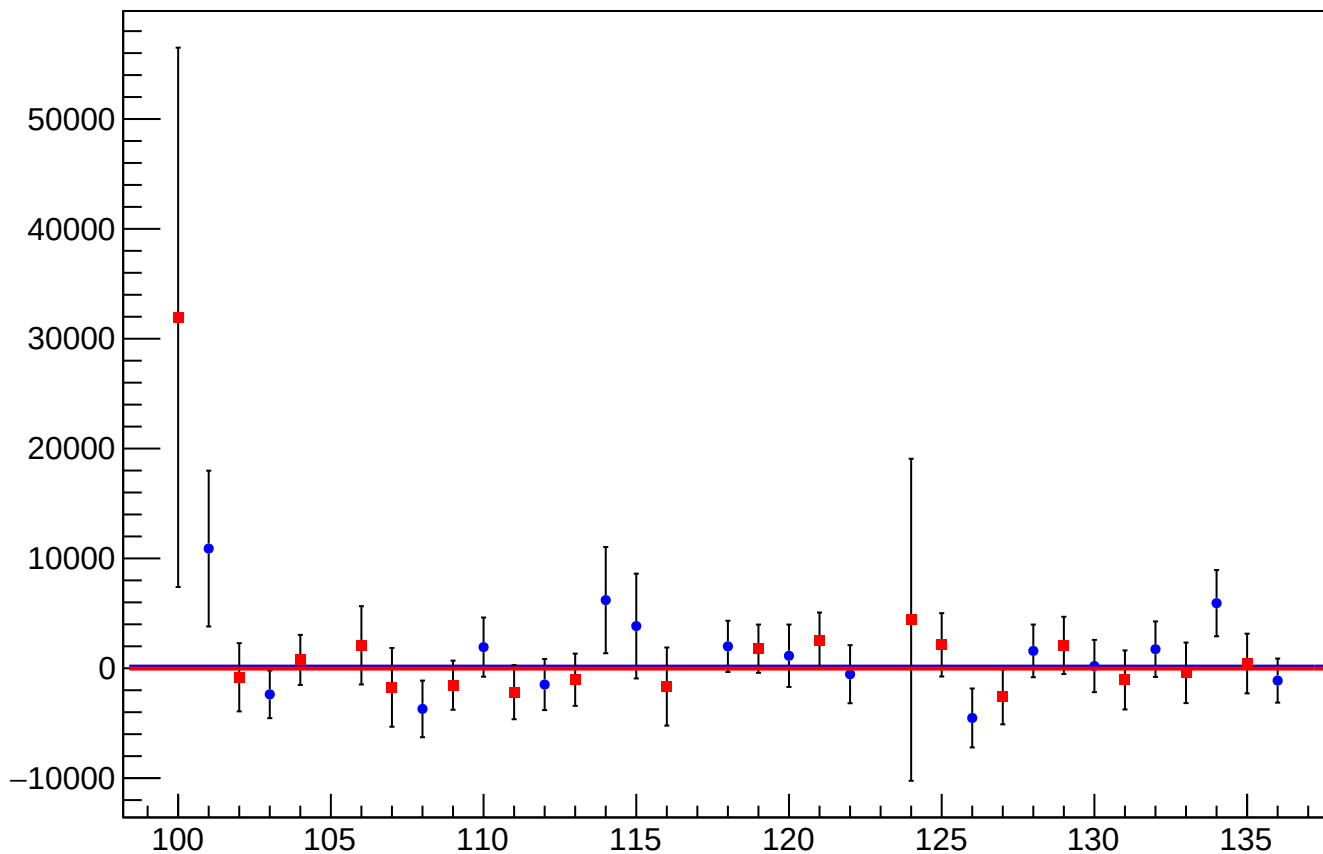
Right: 1007.929+/-0.299 χ^2/NDF : 17318247.2/33

In: 2904.059+/-0.779 χ^2/NDF : 479774.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1007.929+/-0.299 χ^2/NDF : 17318247.2/33

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: -28.748 $\pm$ 663.313 χ^2 /NDF: 8.3/17

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

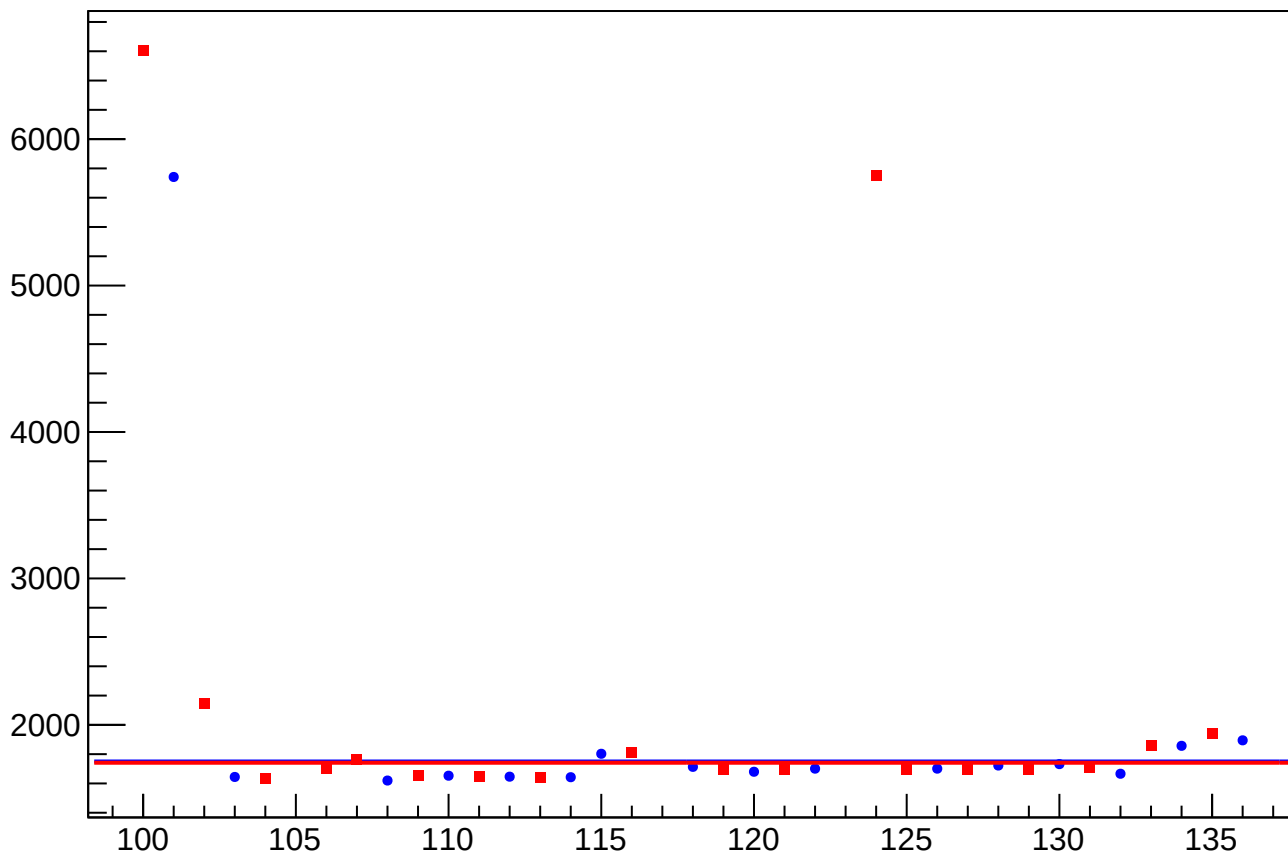
Right: 60.253 $\pm$ 470.342 χ^2 /NDF: 26.0/33

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: 60.253 $\pm$ 470.342 χ^2 /NDF: 26.0/33

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: 1741.412+/-0.467 χ^2/NDF : 295249.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

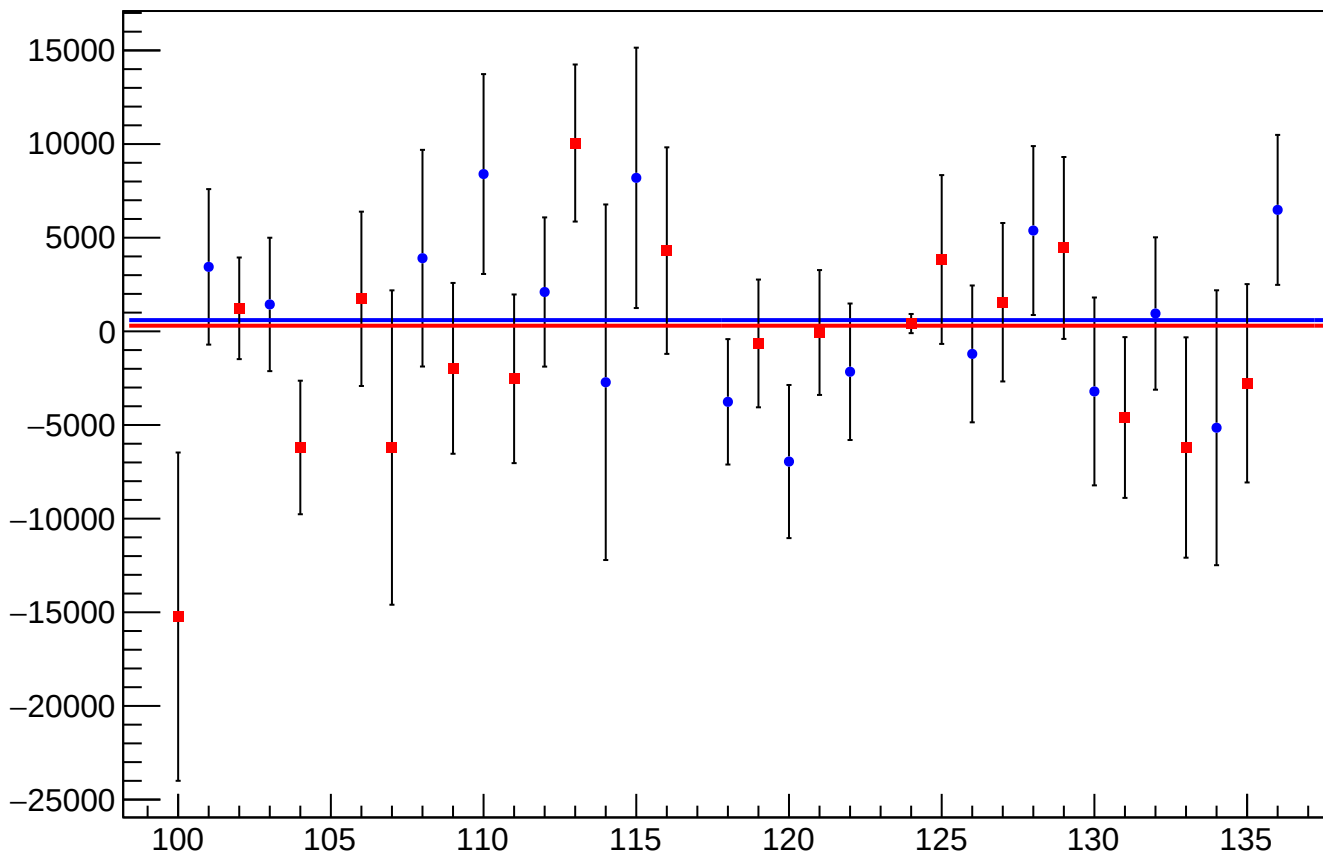
Right: 1745.598+/-0.332 χ^2/NDF : 964988.1/33

In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.598+/-0.332 χ^2/NDF : 964988.1/33

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: 301.638 $\pm$ 459.574 χ^2 /NDF: 18.3/17

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

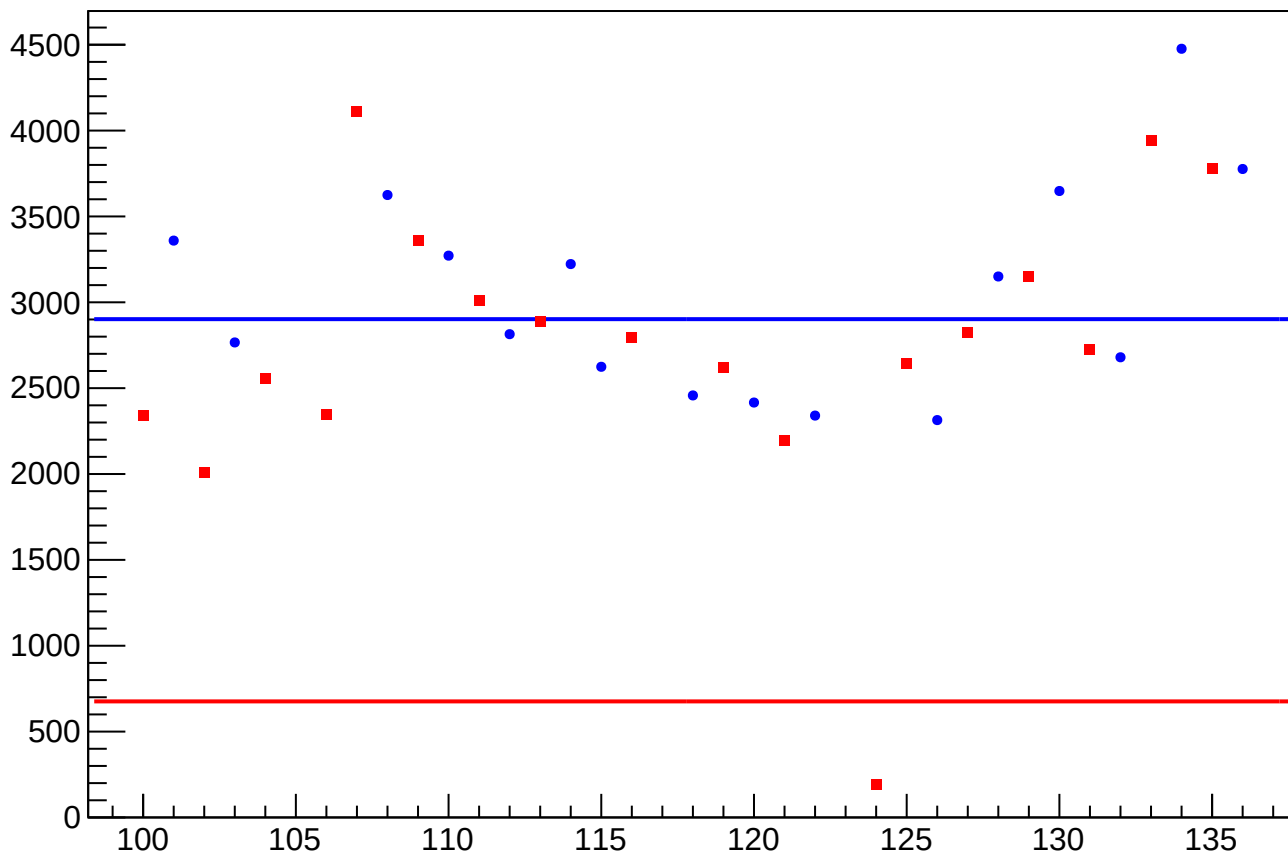
Right: 346.000 $\pm$ 424.060 χ^2 /NDF: 33.2/33

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: 346.000 $\pm$ 424.060 χ^2 /NDF: 33.2/33

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: 675.863+/-0.325 χ^2/NDF : 9835882.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

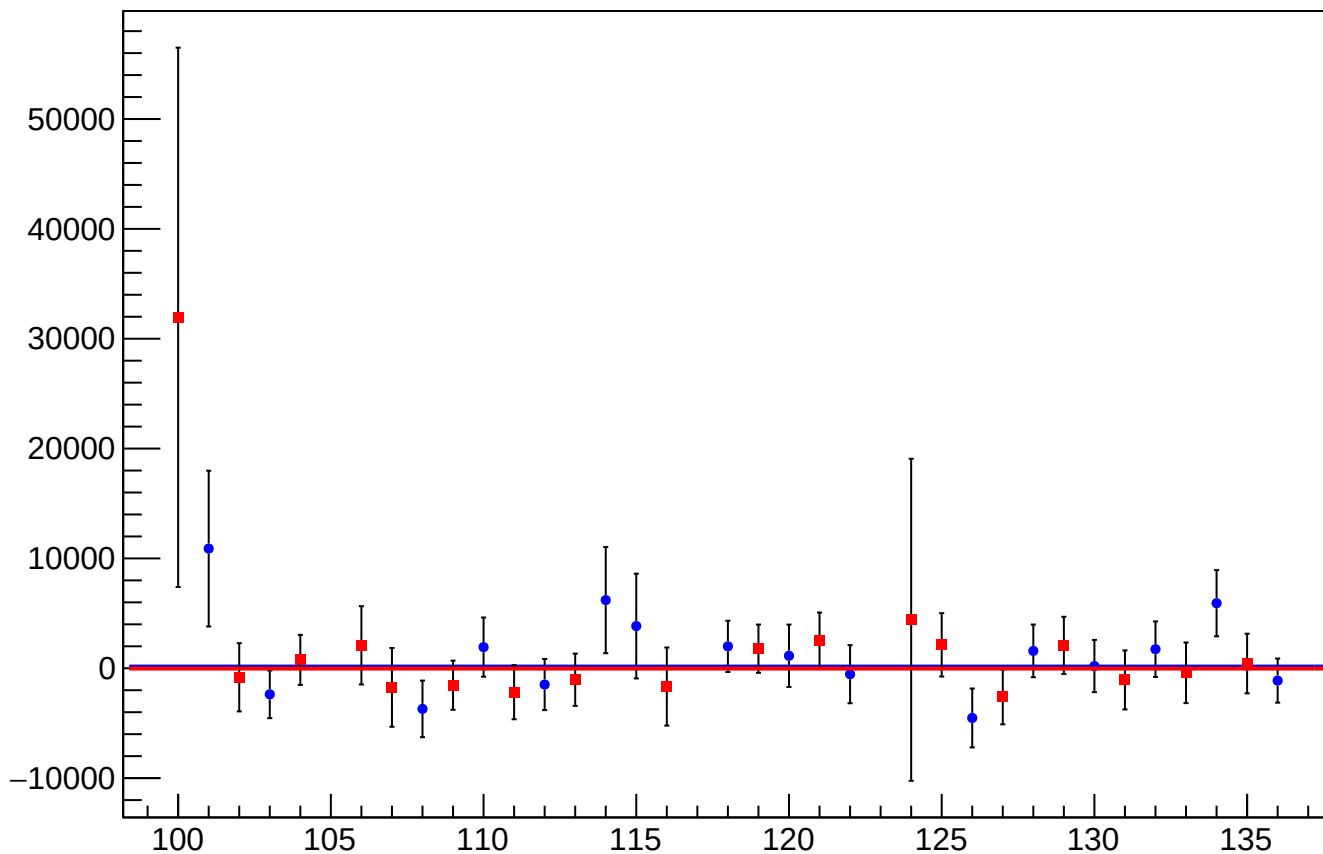
Right: 1006.609+/-0.300 χ^2/NDF : 17288496.9/33

In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.609+/-0.300 χ^2/NDF : 17288496.9/33

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: -28.748+/-663.313 χ^2/NDF : 8.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

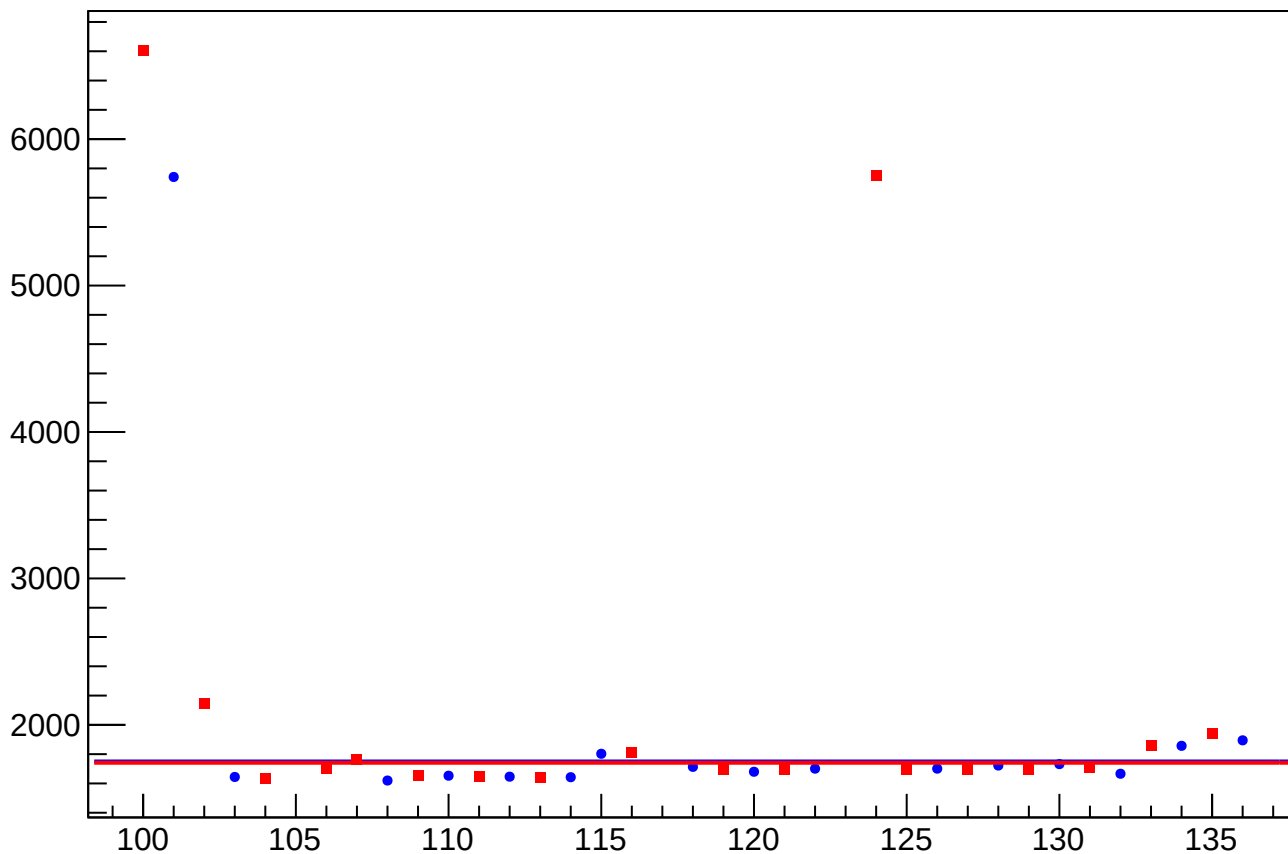
Right: 60.253+/-470.342 χ^2/NDF : 26.0/33

In: 150.254+/-667.029 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.253+/-470.342 χ^2/NDF : 26.0/33

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: 1741.412+/-0.467 χ^2/NDF : 295249.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

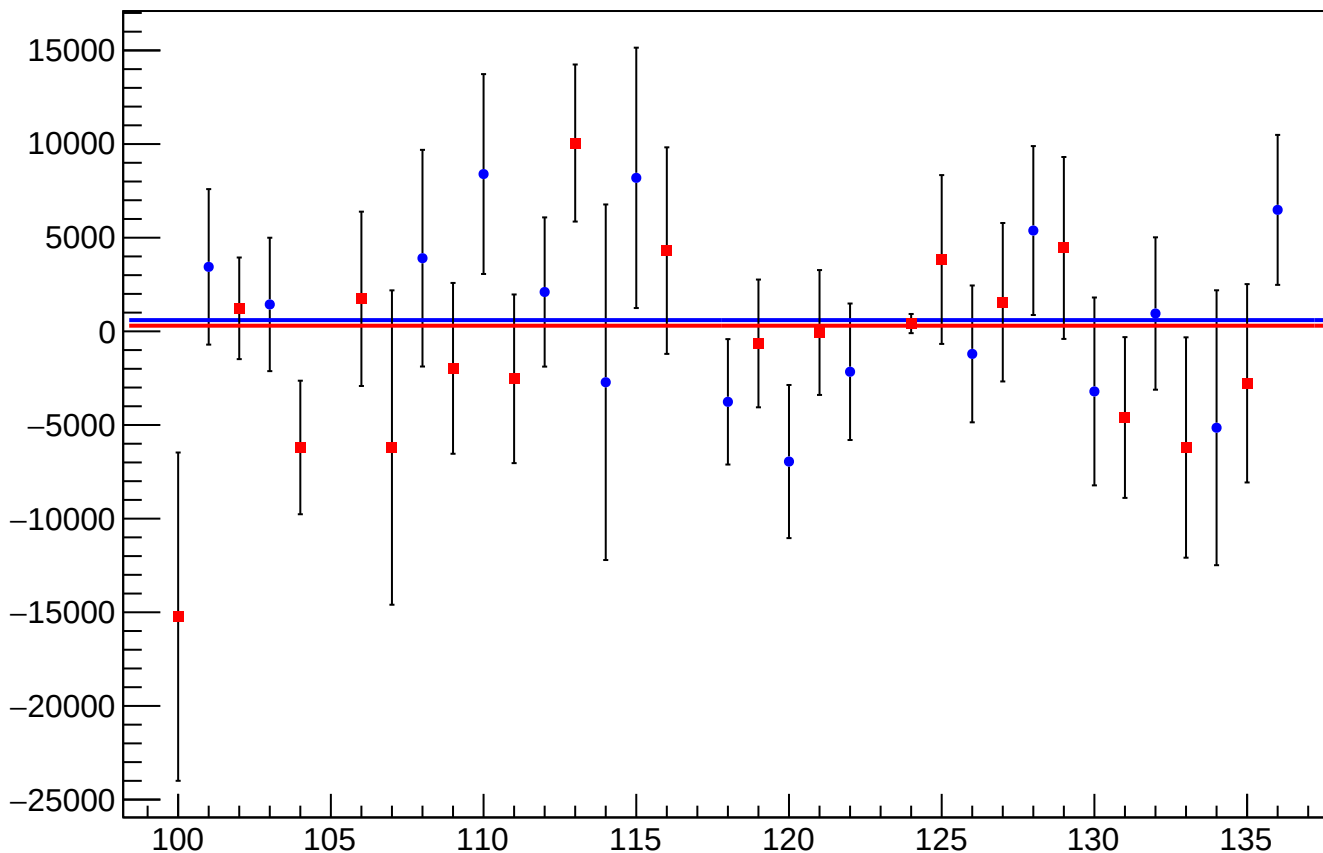
Right: 1745.598+/-0.332 χ^2/NDF : 964988.1/33

In: 1749.864+/-0.472 χ^2/NDF : 669576.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1745.598+/-0.332 χ^2/NDF : 964988.1/33

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: 301.638 $\pm$ 459.574 χ^2 /NDF: 18.3/17

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

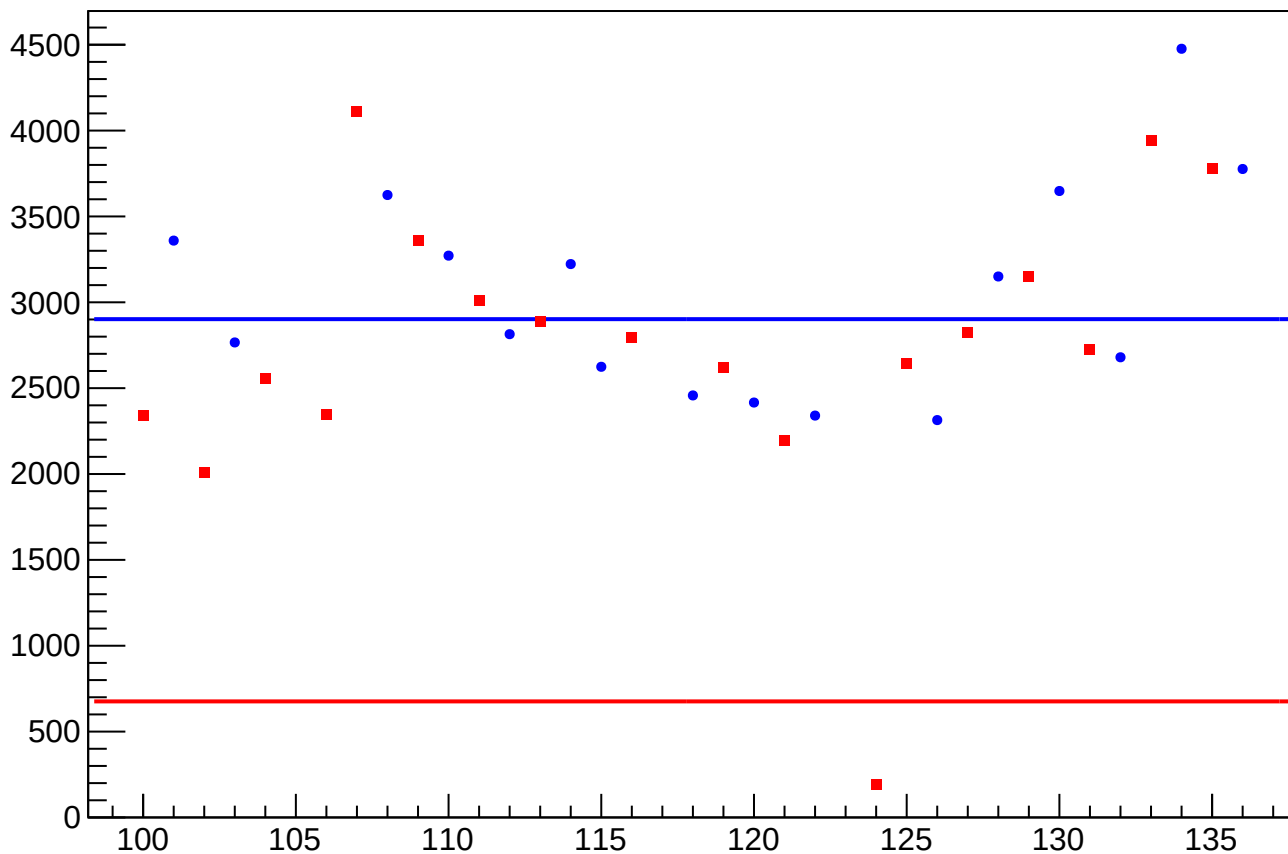
Right: 346.000 $\pm$ 424.060 χ^2 /NDF: 33.2/33

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: 346.000 $\pm$ 424.060 χ^2 /NDF: 33.2/33

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: 675.863+/-0.325 χ^2/NDF : 9835882.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

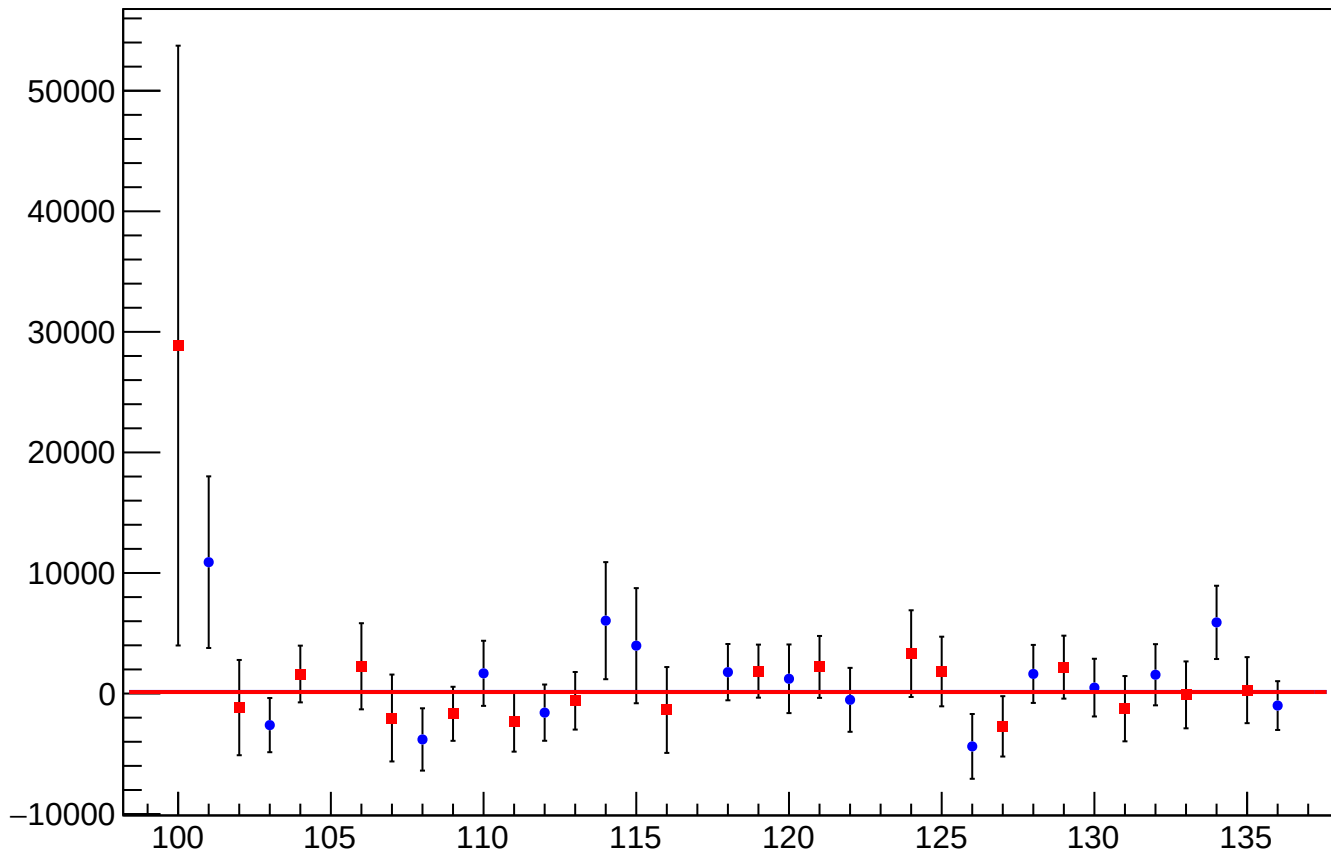
Right: 1006.609+/-0.300 χ^2/NDF : 17288496.9/33

In: 2901.861+/-0.778 χ^2/NDF : 480934.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1006.609+/-0.300 χ^2/NDF : 17288496.9/33

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: 124.980+/-662.231 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

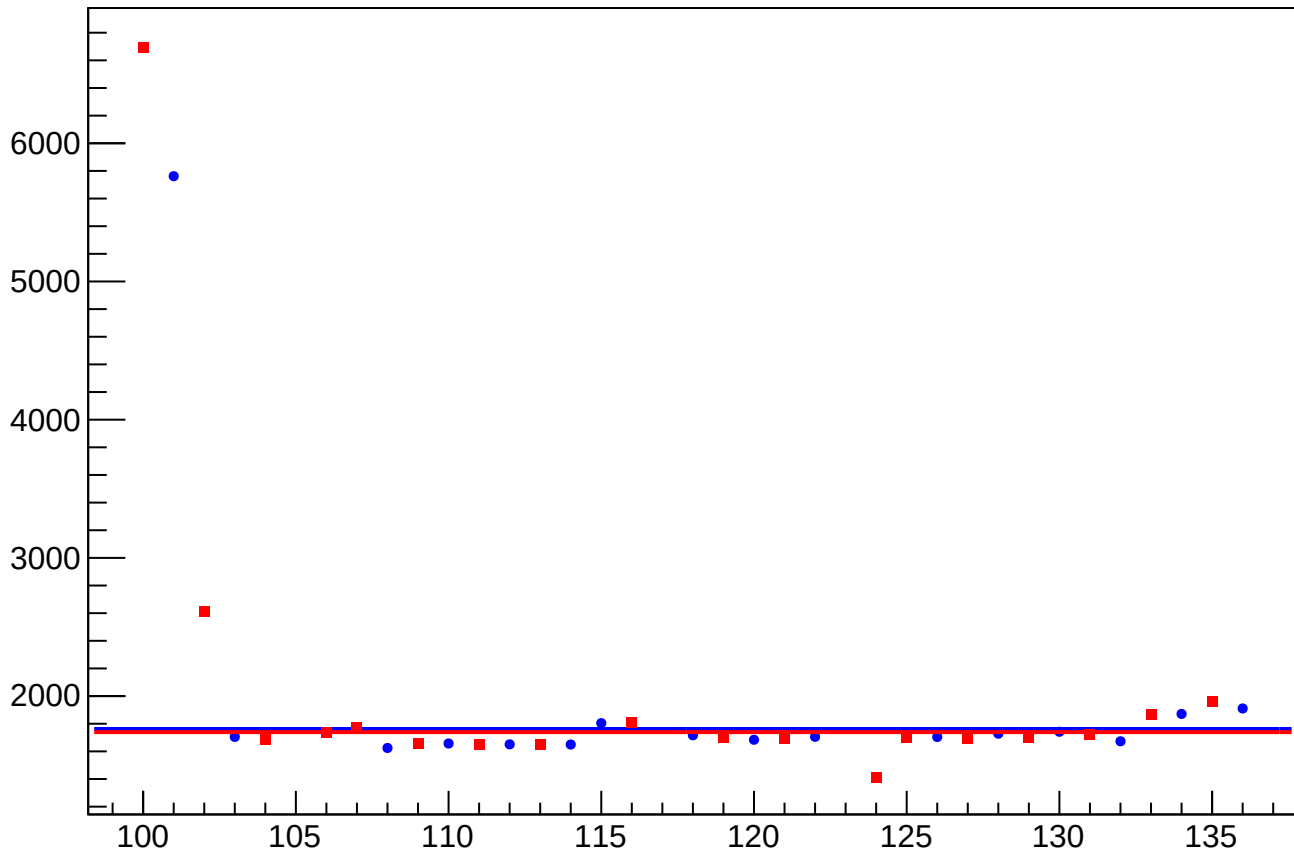
Right: 129.347+/-471.553 χ^2/NDF : 26.4/33

In: 133.838+/-671.621 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.347+/-471.553 χ^2/NDF : 26.4/33

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: 1739.375+/-0.467 χ^2/NDF : 224029.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

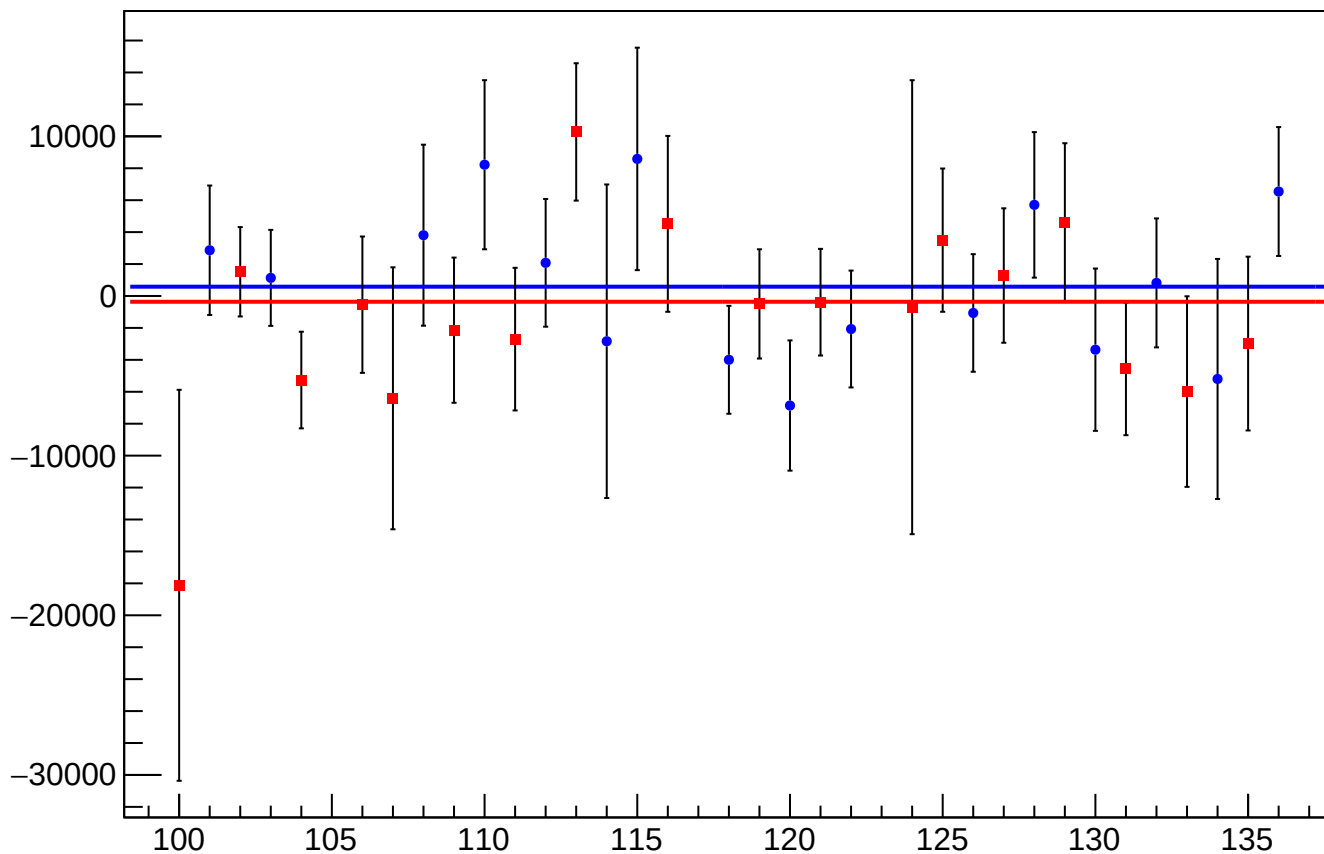
Right: 1750.520+/-0.333 χ^2/NDF : 892885.8/33

In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.520+/-0.333 χ^2/NDF : 892885.8/33

asym_atr1l2_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 582.223+/-1081.481 χ^2/NDF : 14.9/15

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

Right Out: -361.741+/-1028.421 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

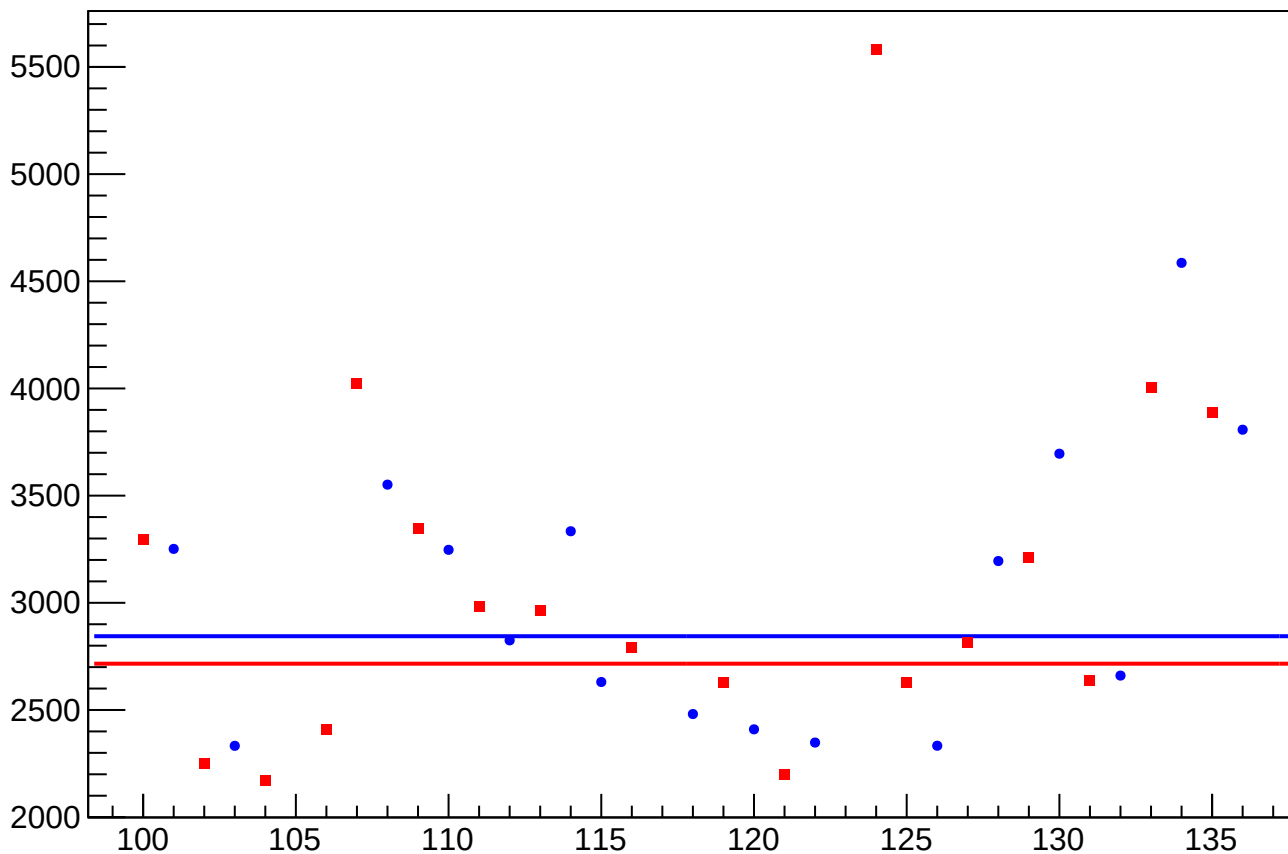
Right: 86.517+/-745.256 χ^2/NDF : 32.4/33

In: 582.223+/-1081.481 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.517+/-745.256 χ^2/NDF : 32.4/33

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: 2715.924+/-0.727 χ^2/NDF : 577329.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

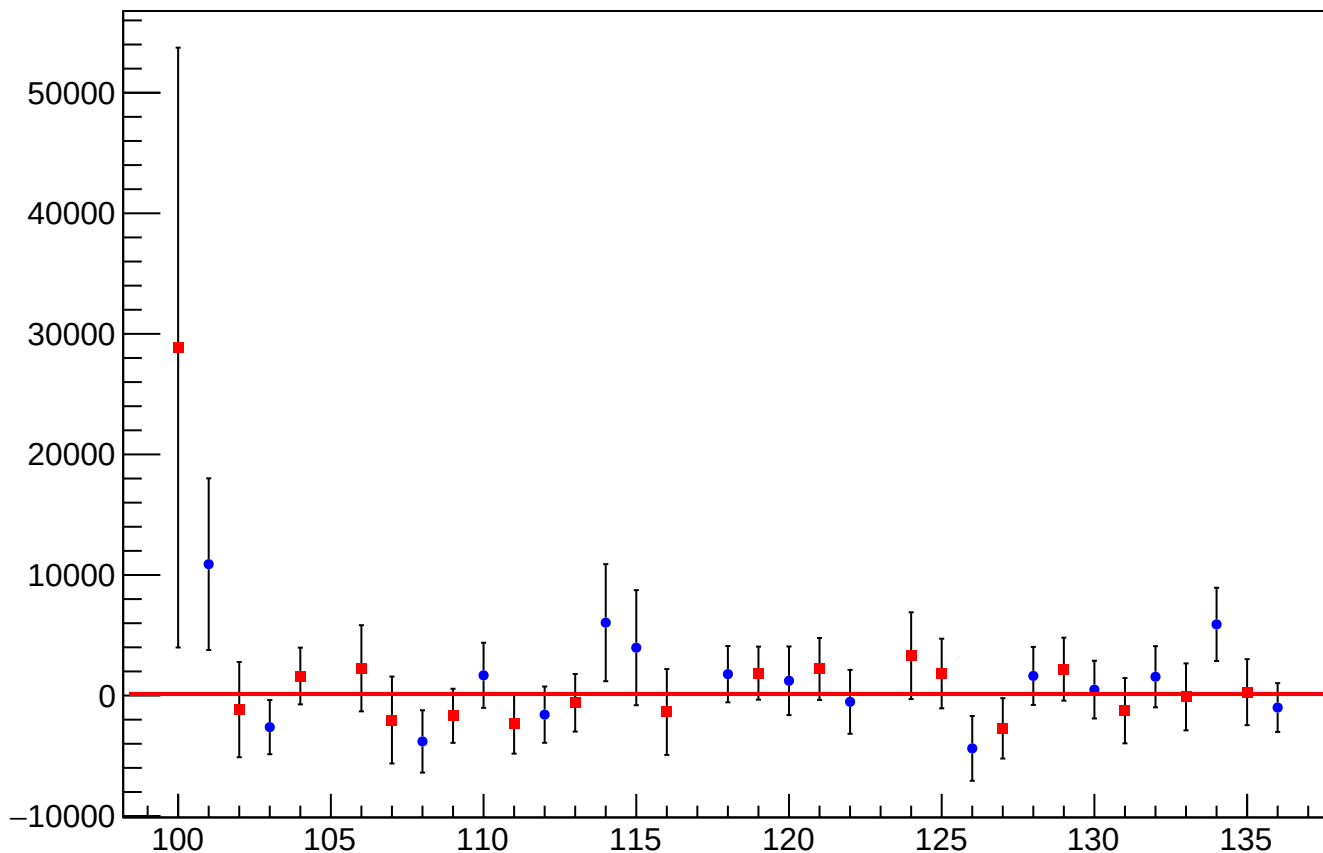
Right: 2776.816+/-0.527 χ^2/NDF : 1134126.4/33

In: 2844.153+/-0.765 χ^2/NDF : 542032.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2776.816+/-0.527 χ^2/NDF : 1134126.4/33

eigen_dit_asym_atr1l2_dd_mean vs Slug, Sign Corrected



Right In: 133.837+/-671.621 χ^2/NDF : 17.3/15

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

Right Out: 124.978+/-662.231 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

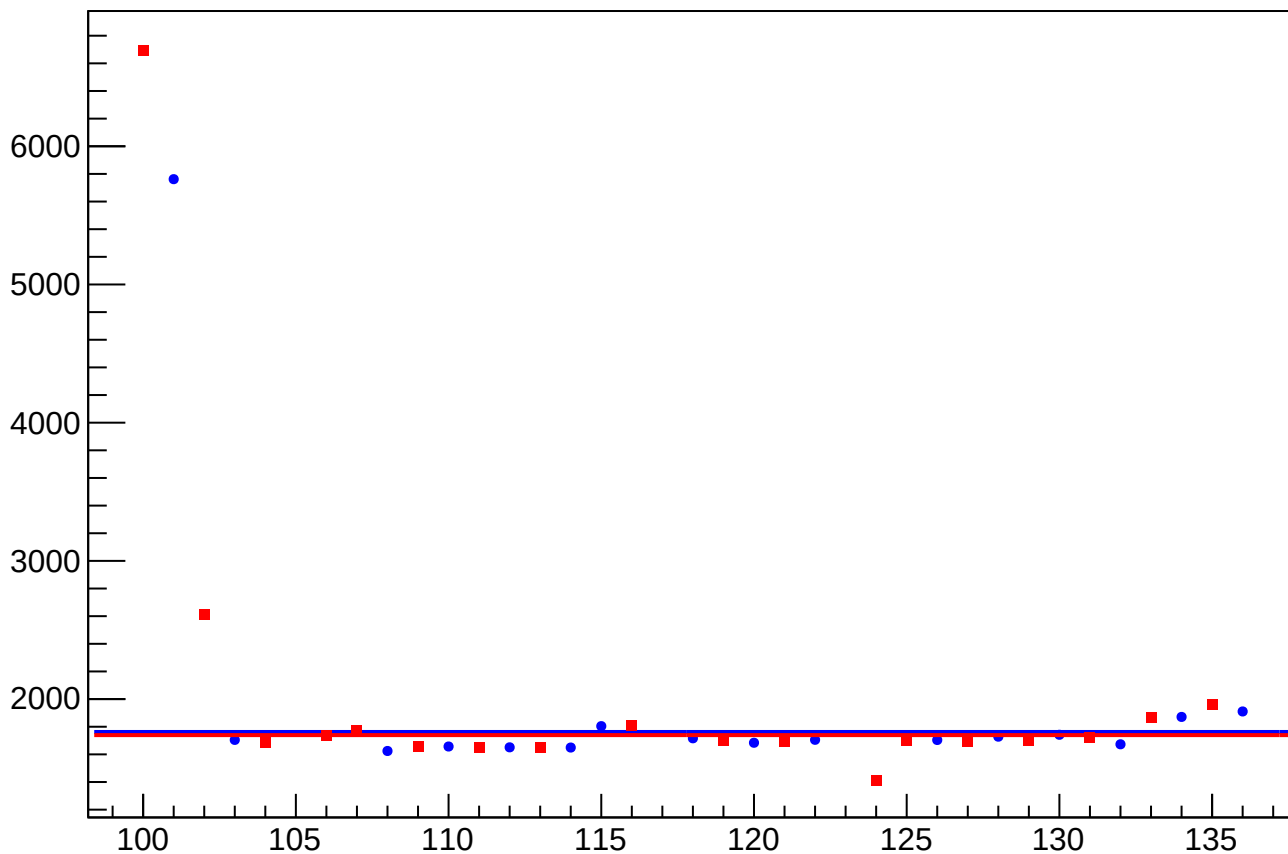
Right: 129.345+/-471.553 χ^2/NDF : 26.4/33

In: 133.837+/-671.621 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.345+/-471.553 χ^2/NDF : 26.4/33

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: 1739.375+/-0.467 χ^2/NDF : 224029.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

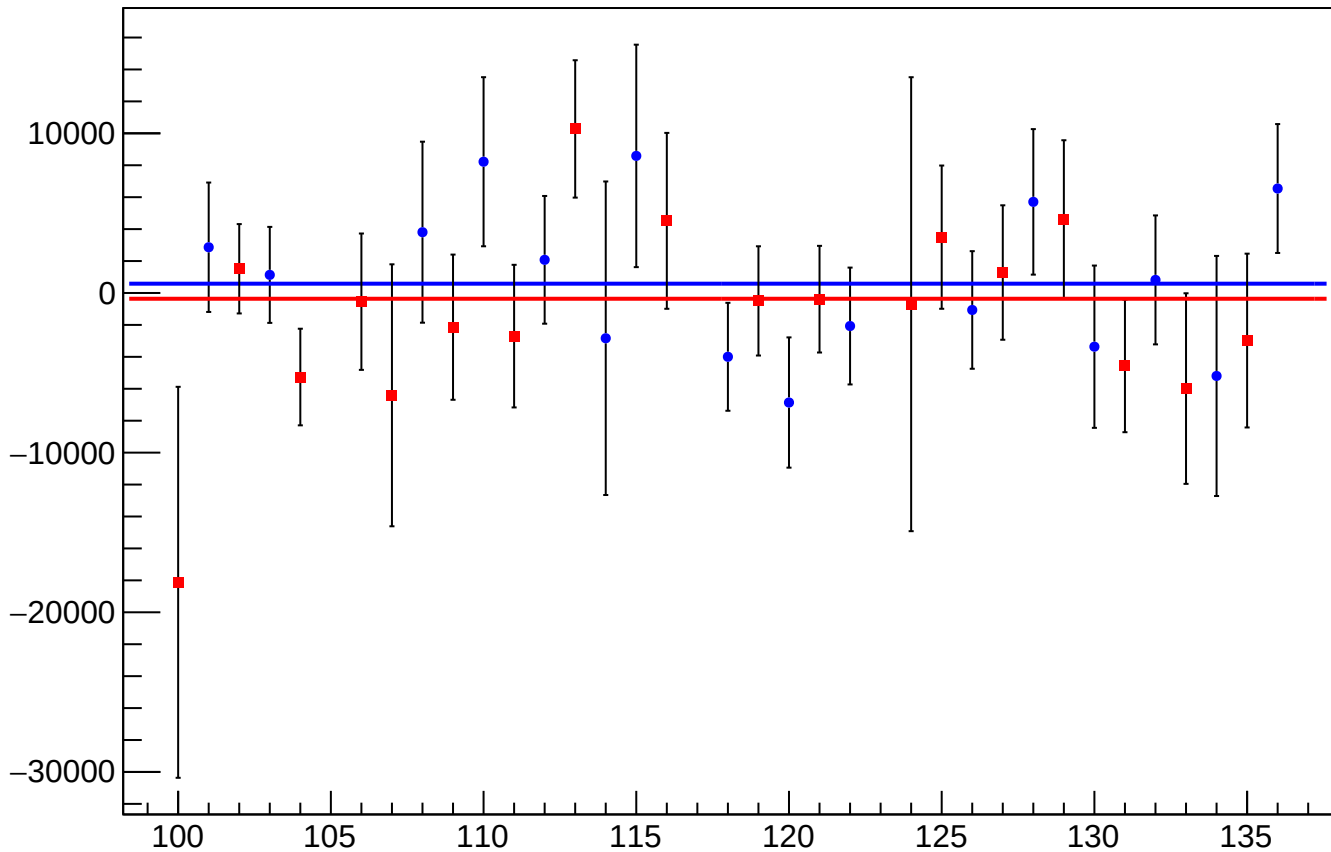
Right: 1750.520+/-0.333 χ^2/NDF : 892885.9/33

In: 1762.052+/-0.475 χ^2/NDF : 667696.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.520+/-0.333 χ^2/NDF : 892885.9/33

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 582.219+/-1081.478 χ^2/NDF : 14.9/15

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

Right Out: -361.741+/-1028.419 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

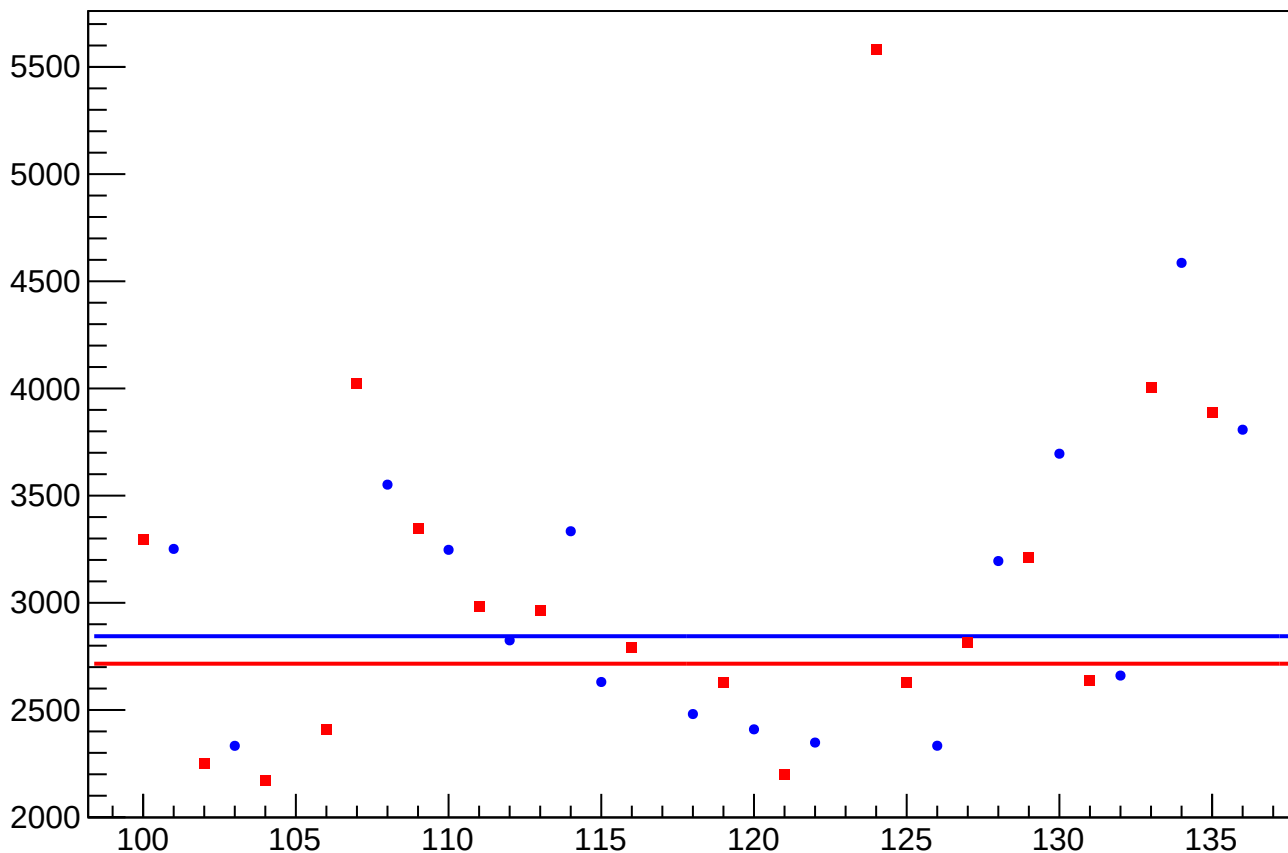
Right: 86.515+/-745.254 χ^2/NDF : 32.4/33

In: 582.219+/-1081.478 χ^2/NDF : 14.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.515+/-745.254 χ^2/NDF : 32.4/33

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: 2715.919+/-0.727 χ^2/NDF : 577325.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

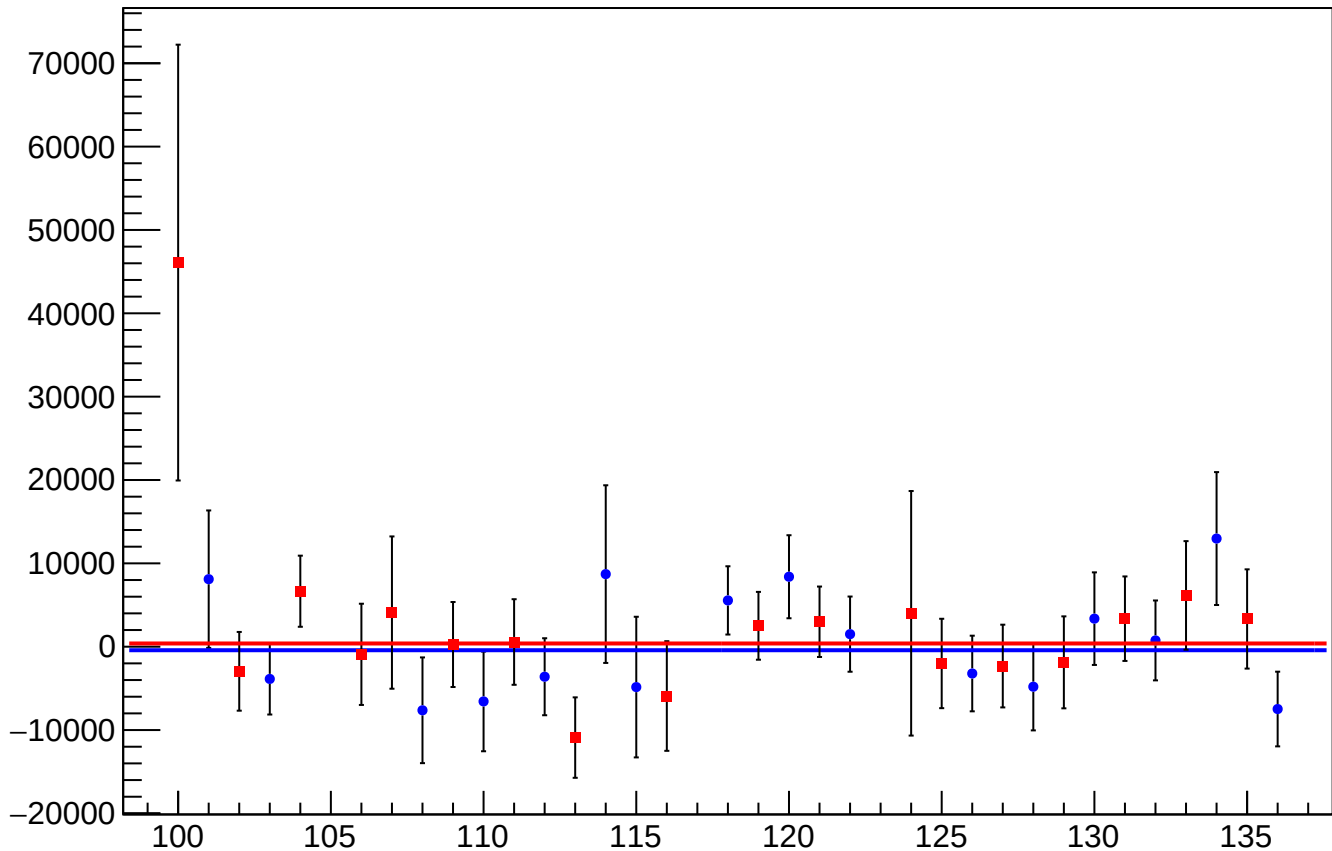
Right: 2776.809+/-0.527 χ^2/NDF : 1134126.4/33

In: 2844.145+/-0.765 χ^2/NDF :542036.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2776.809+/-0.527 χ^2/NDF : 1134126.4/33

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: 386.263+/-1287.979 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

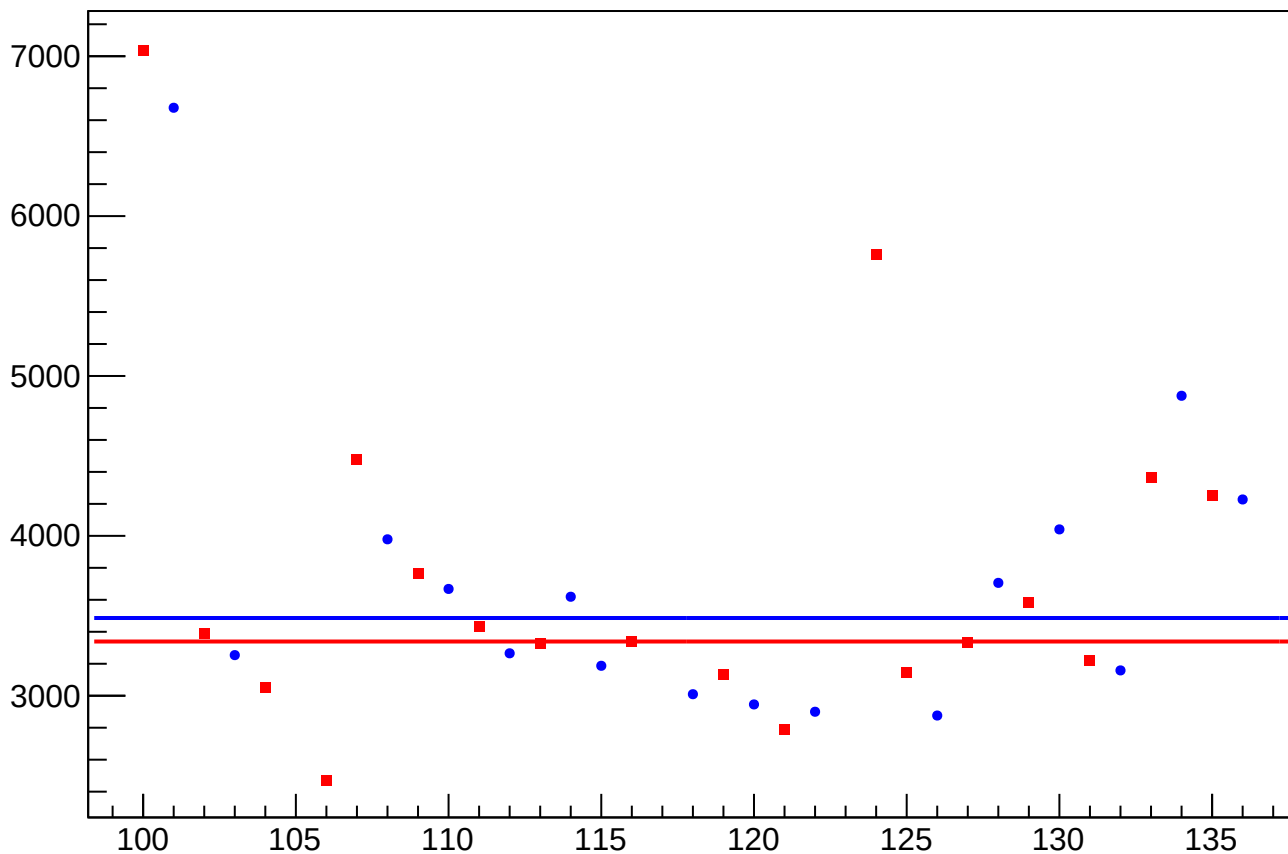
Right: -6.280+/-924.313 χ^2/NDF : 33.2/33

In: -423.131+/-1327.258 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.280+/-924.313 χ^2/NDF : 33.2/33

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: 3339.116+/-0.898 χ^2/NDF : 360643.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

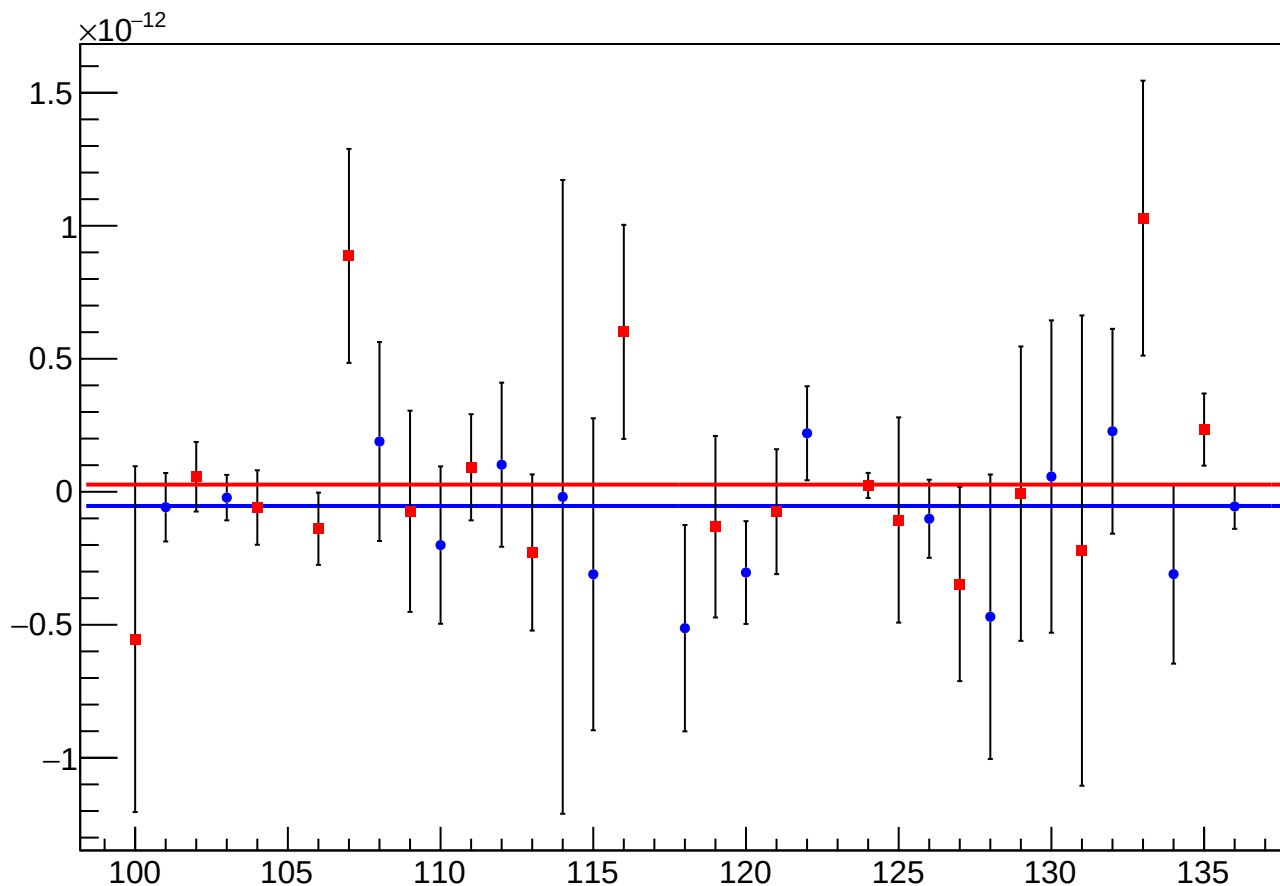
Right: 3409.383+/-0.649 χ^2/NDF : 969253.5/33

In: 3486.167+/-0.939 χ^2/NDF : 595790.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3409.383+/-0.649 χ^2/NDF : 969253.5/33

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 : 18.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

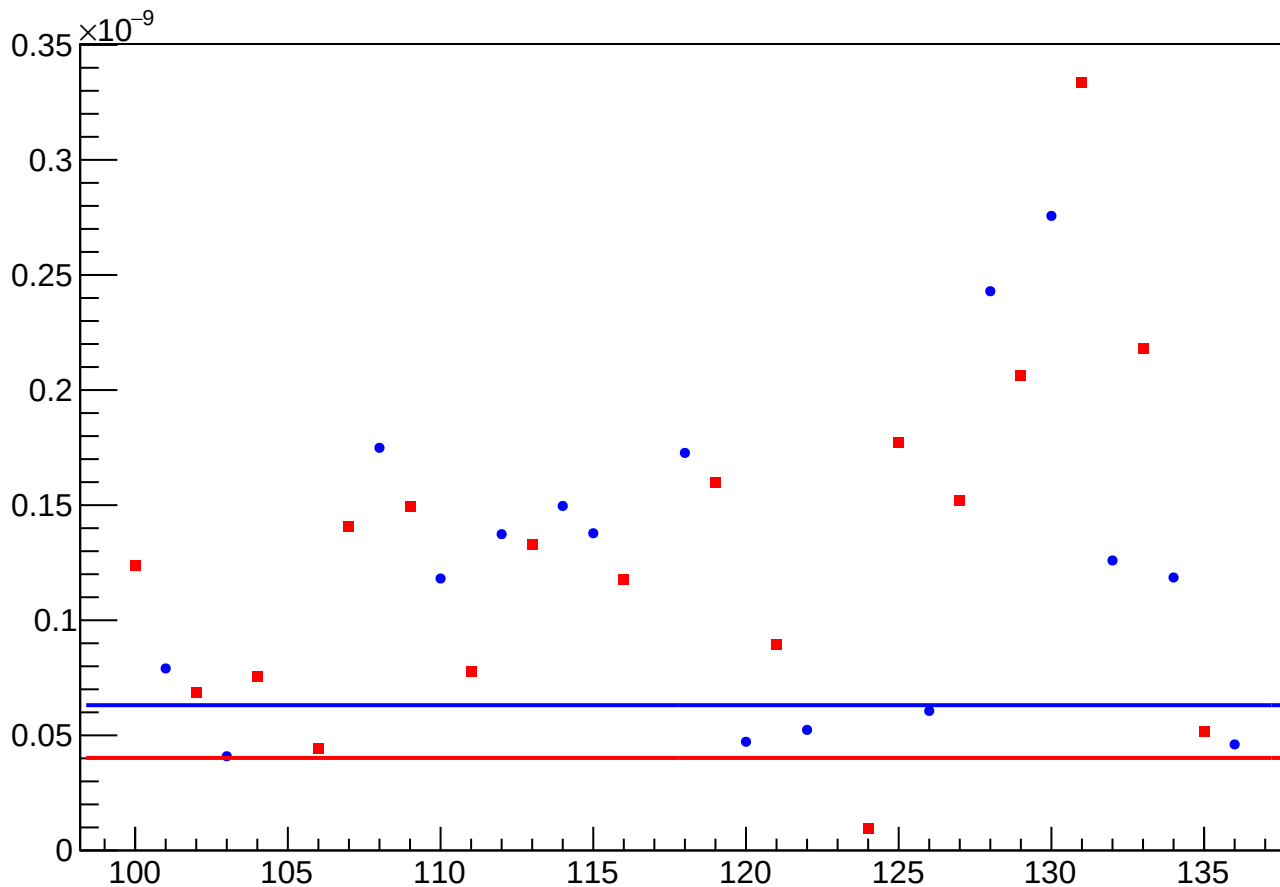
Right: -0.000+/-0.000 χ^2/NDF : 28.6/33

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 : 28.6/33

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 : 3151309.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

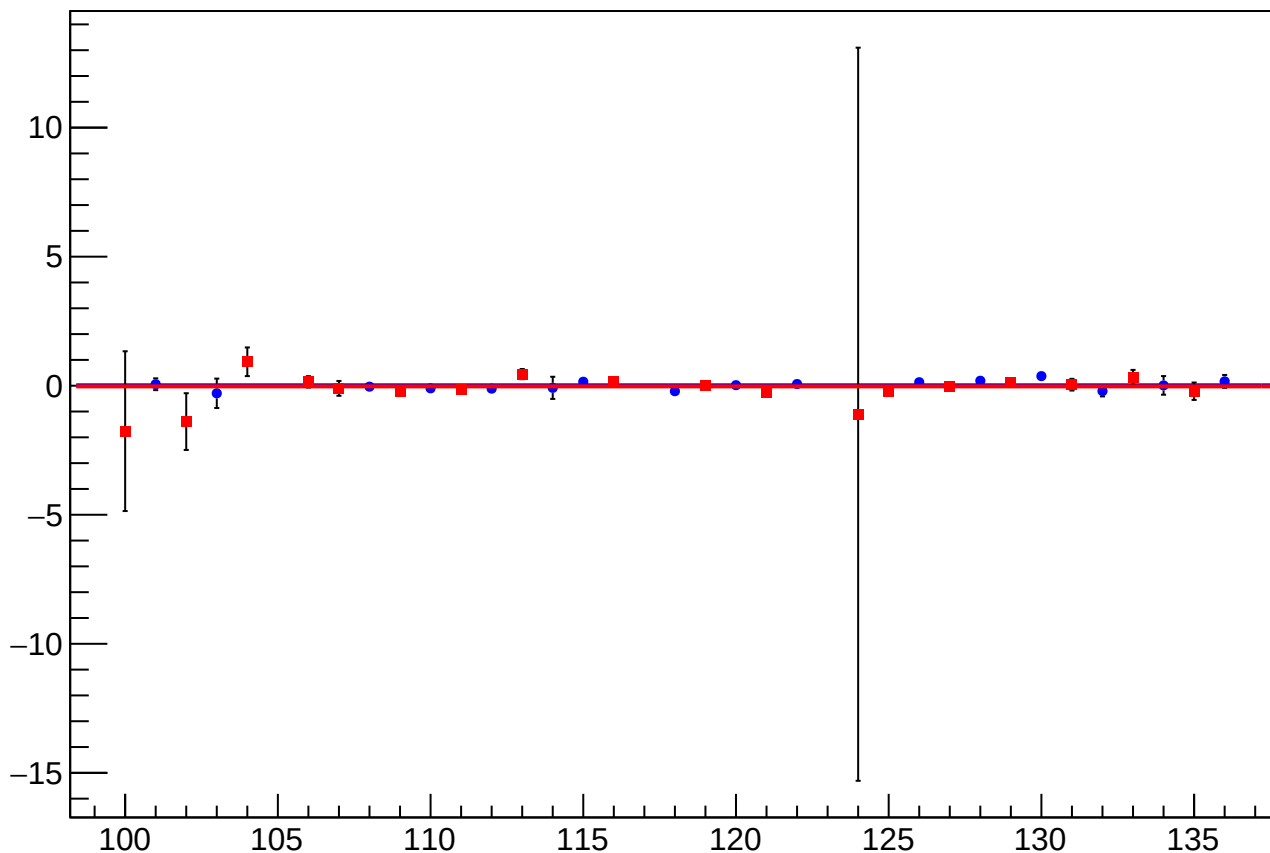
Right: 0.000+/-0.000 χ^2/NDF : 4904206.1/33

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 : 4904206.1/33

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: 22.1/17

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

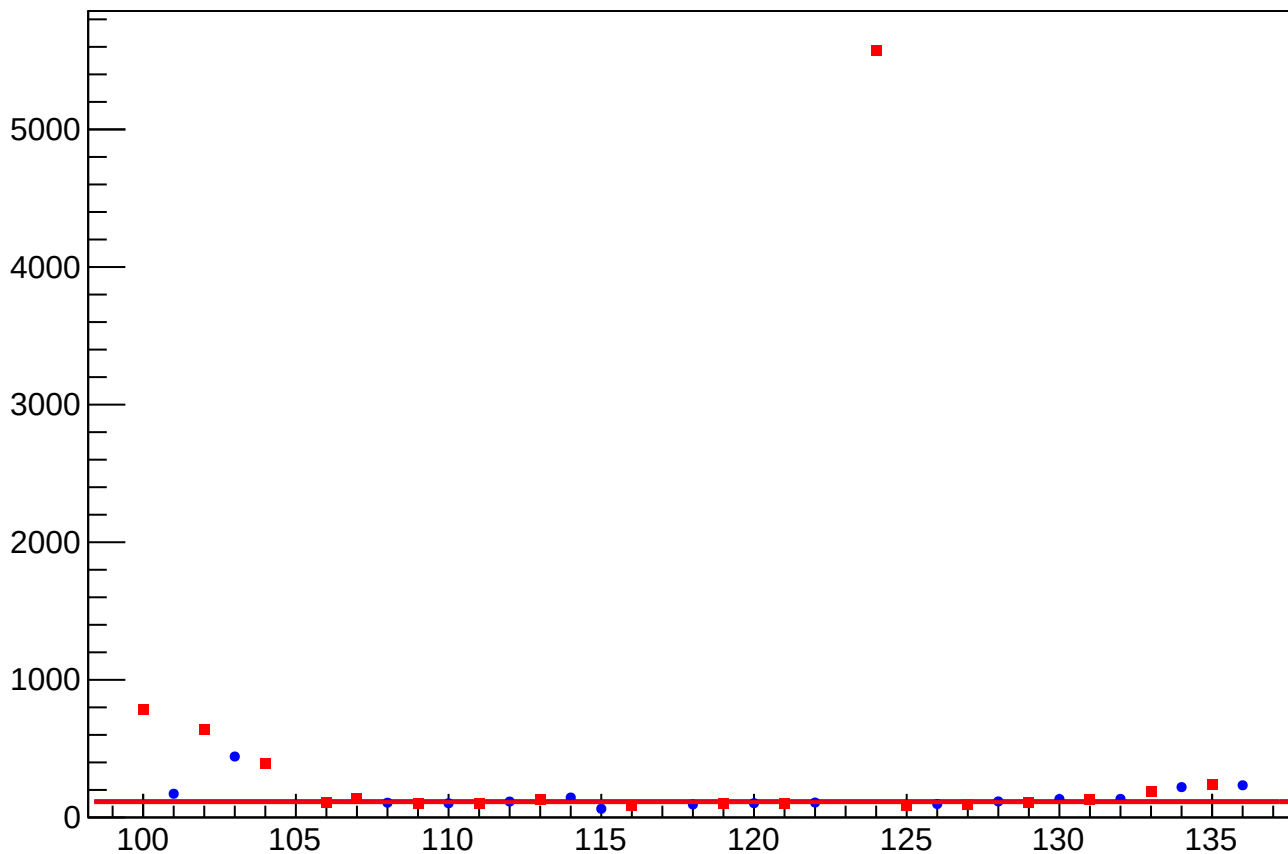
Right: -0.006 $\pm$ 0.034 χ^2 /NDF: 34.2/33

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 $\pm$ 0.034 χ^2 /NDF: 34.2/33

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: 111.219 $\pm$ 0.033 χ^2 /NDF: 2034024.4/17

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

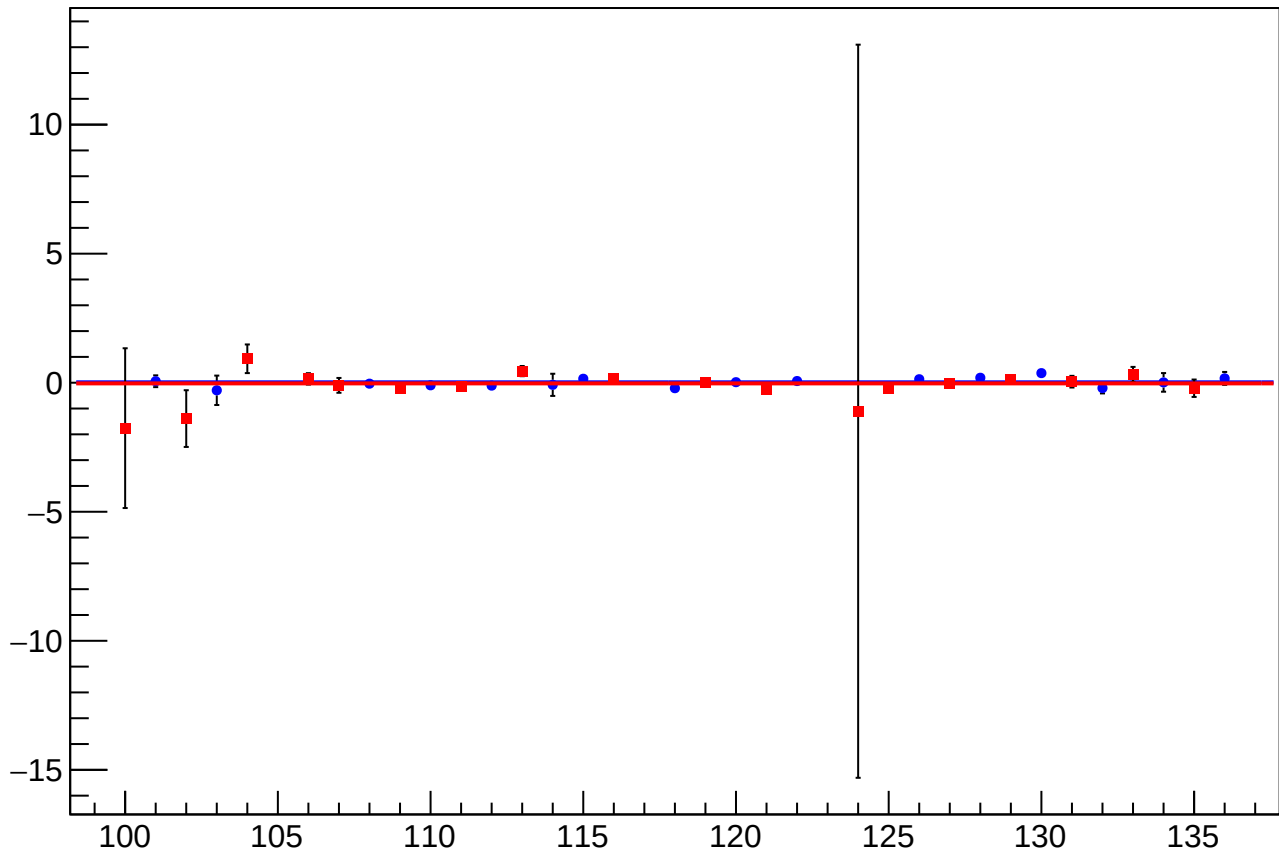
Right: 114.371 $\pm$ 0.024 χ^2 /NDF: 3774805.6/33

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: 114.371 $\pm$ 0.024 χ^2 /NDF: 3774805.6/33

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 : 22.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

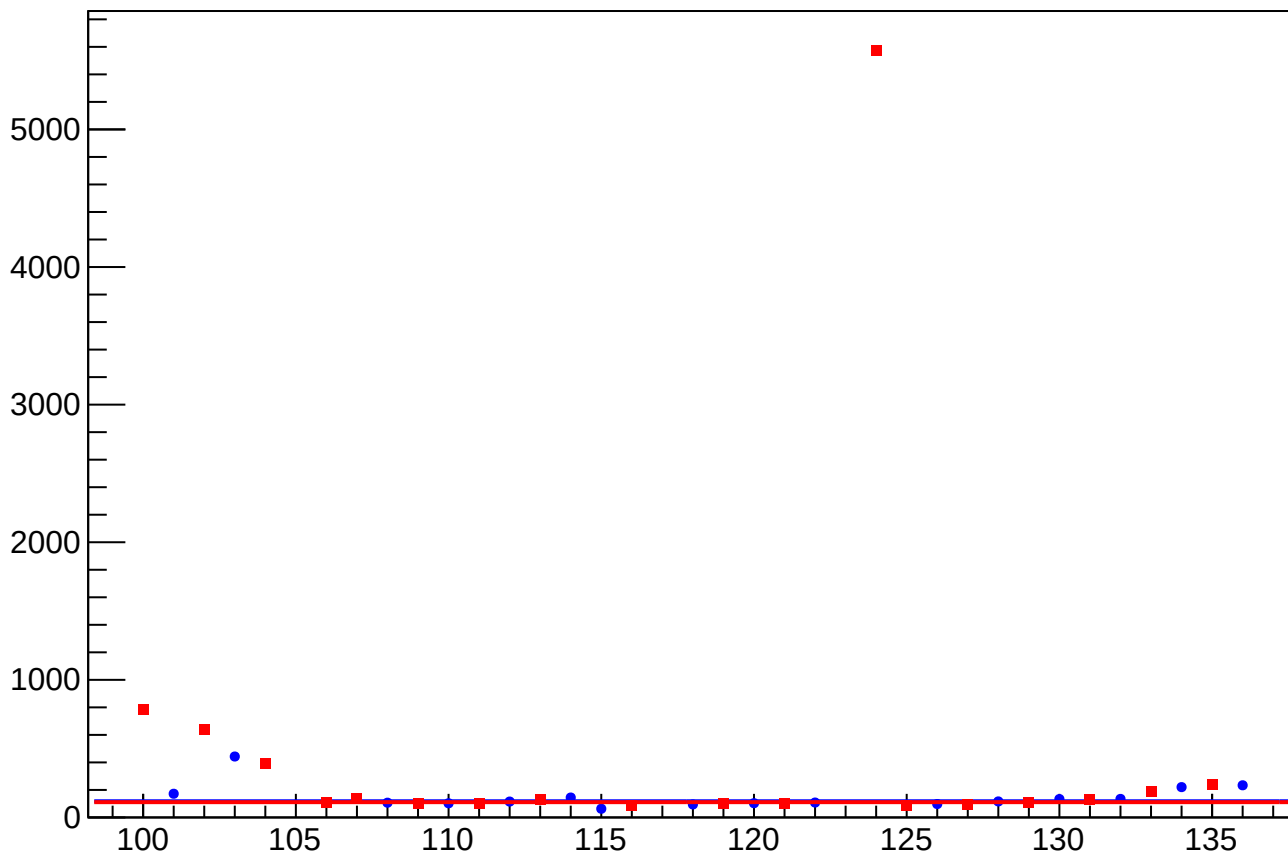
Right: -0.006+/-0.034 χ^2/NDF : 34.2/33

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+/-0.034 χ^2/NDF : 34.2/33

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649+/-0.034 χ^2/NDF : 1722401.0/15

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

Right Out: 111.219+/-0.033 χ^2/NDF : 2034024.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

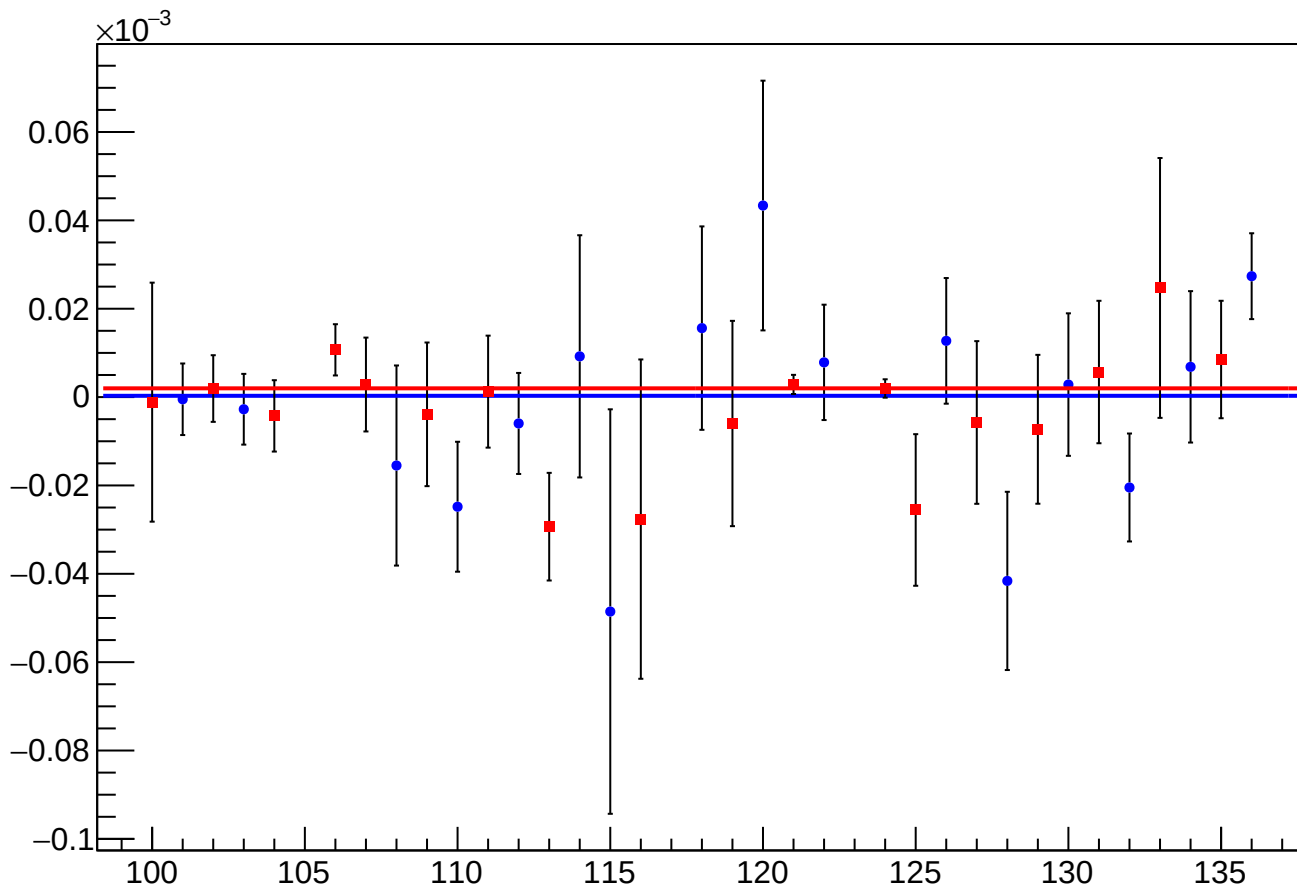
Right: 114.371+/-0.024 χ^2/NDF : 3774805.6/33

In: 117.649+/-0.034 χ^2/NDF : 1722401.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.371+/-0.024 χ^2/NDF : 3774805.6/33

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 : 14.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

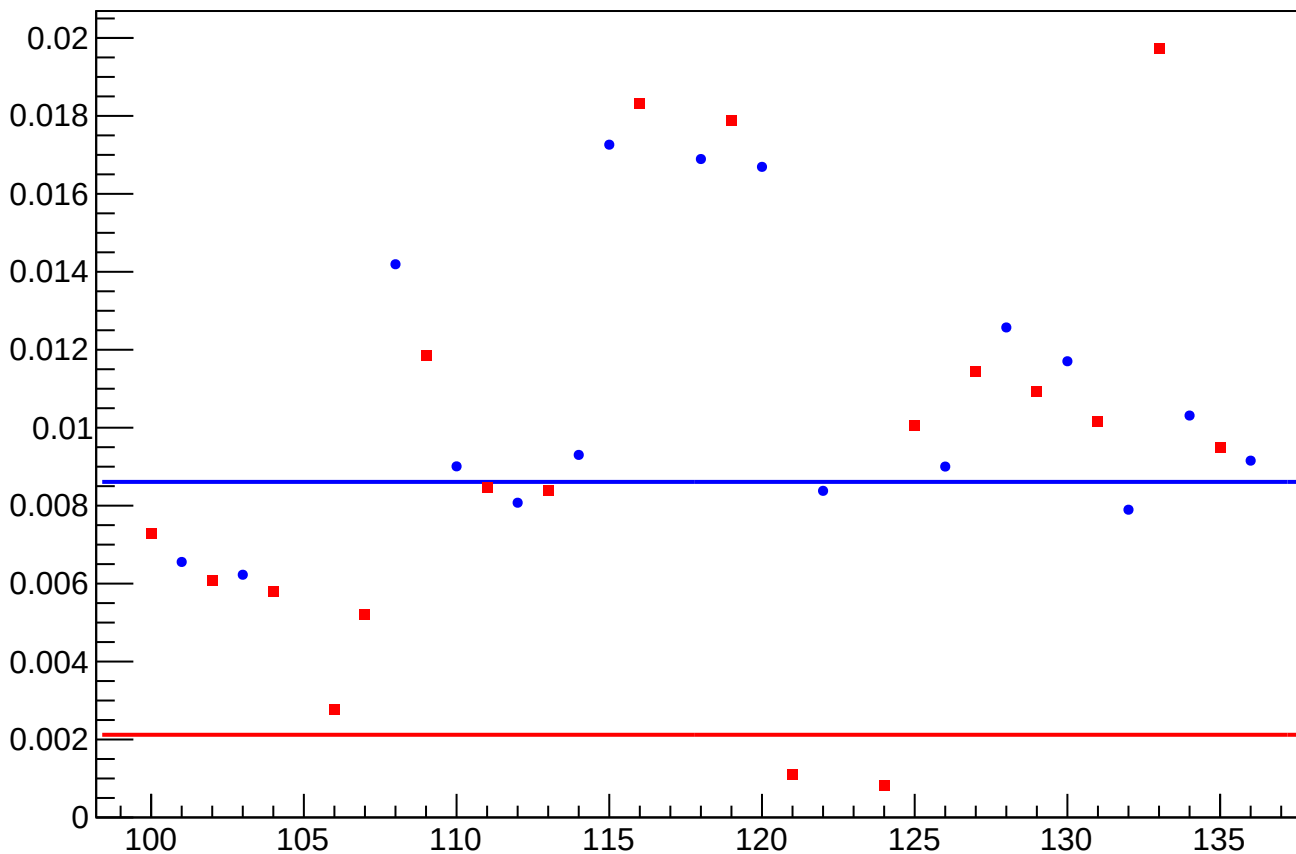
Right: 0.000+/-0.000 χ^2/NDF : 38.8/33

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 : 38.8/33

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 : 8847144.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

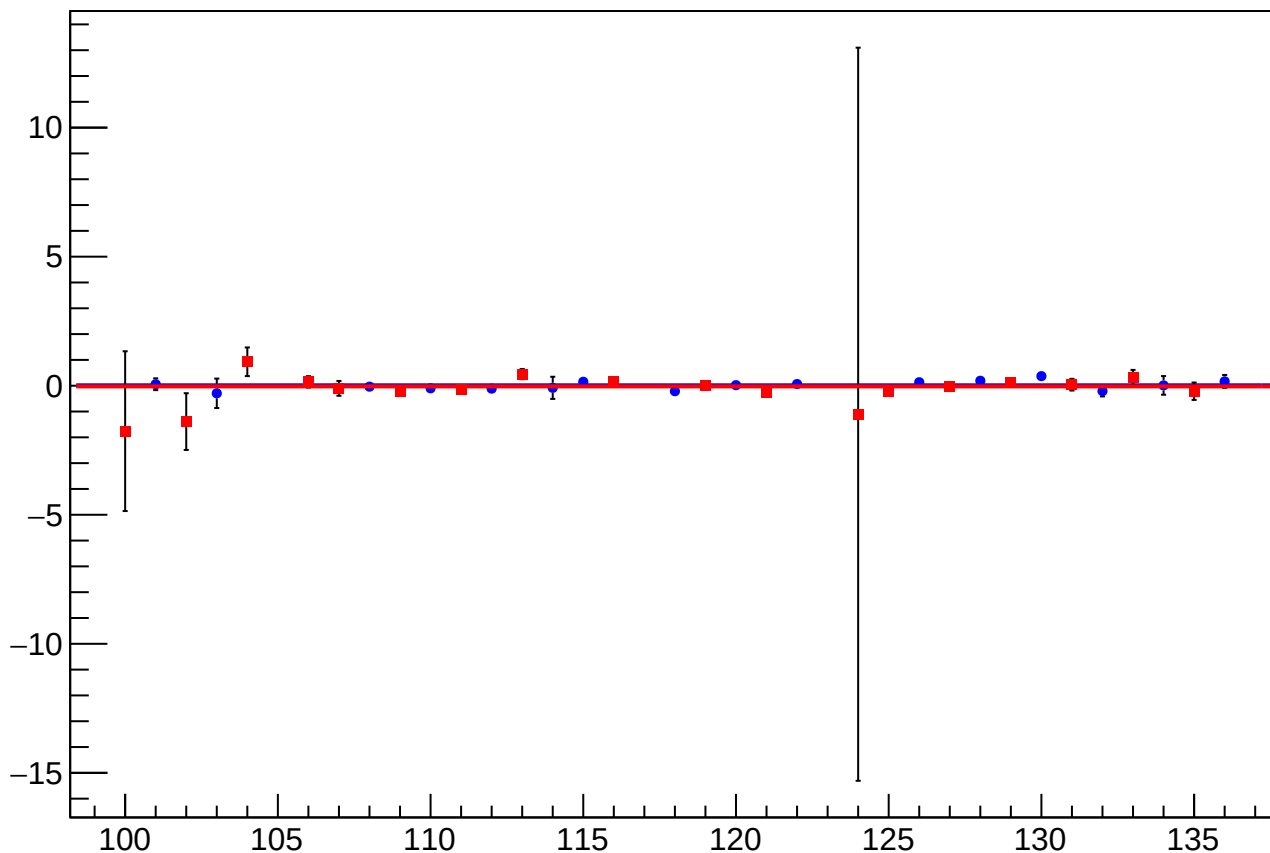
Right: 0.003+/-0.000 χ^2/NDF : 16348841.7/33

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 : 16348841.7/33

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 : 22.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

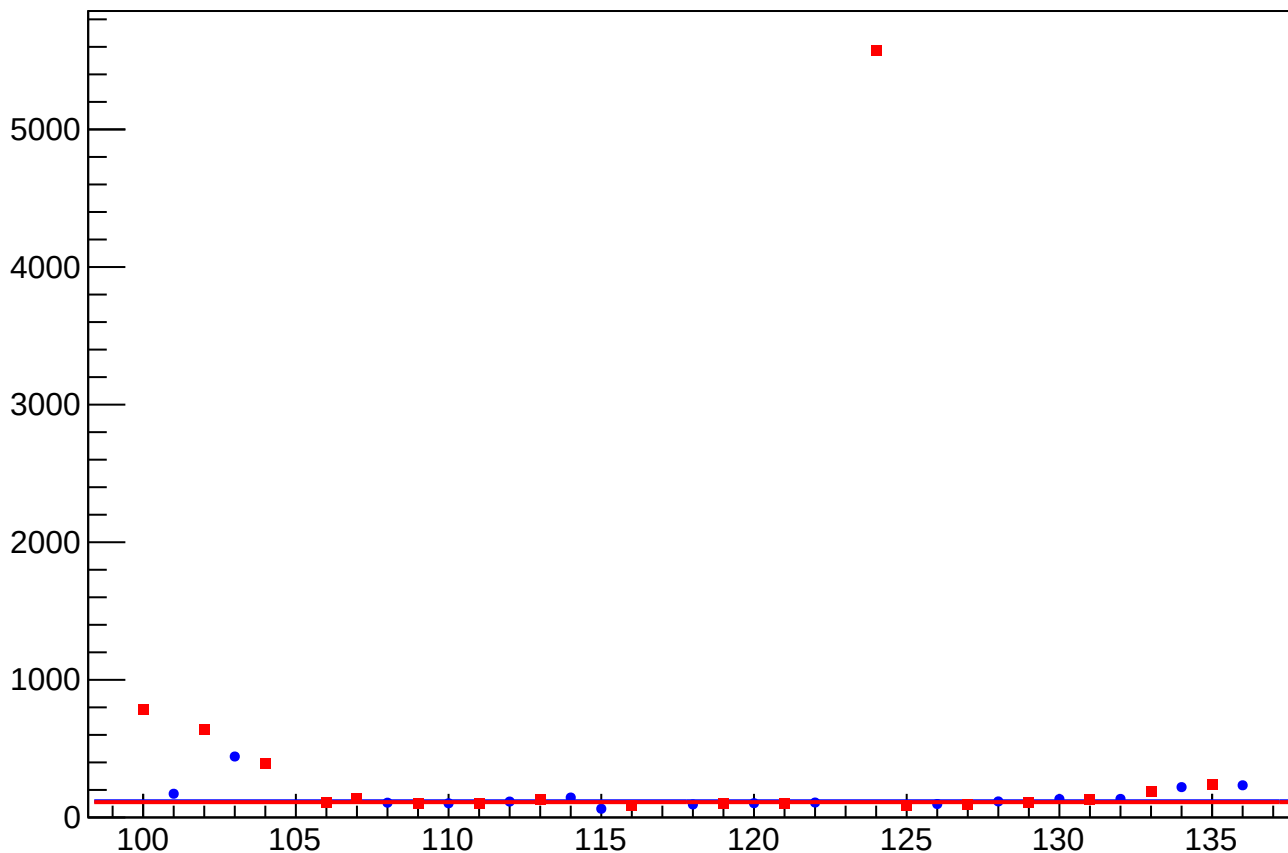
Right: -0.006+/-0.034 χ^2/NDF : 34.2/33

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+/-0.034 χ^2/NDF : 34.2/33

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649 $\pm$ 0.034 χ^2 /NDF: 1722367.8/15

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

Right Out: 111.221 $\pm$ 0.033 χ^2 /NDF: 2033956.1/17

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

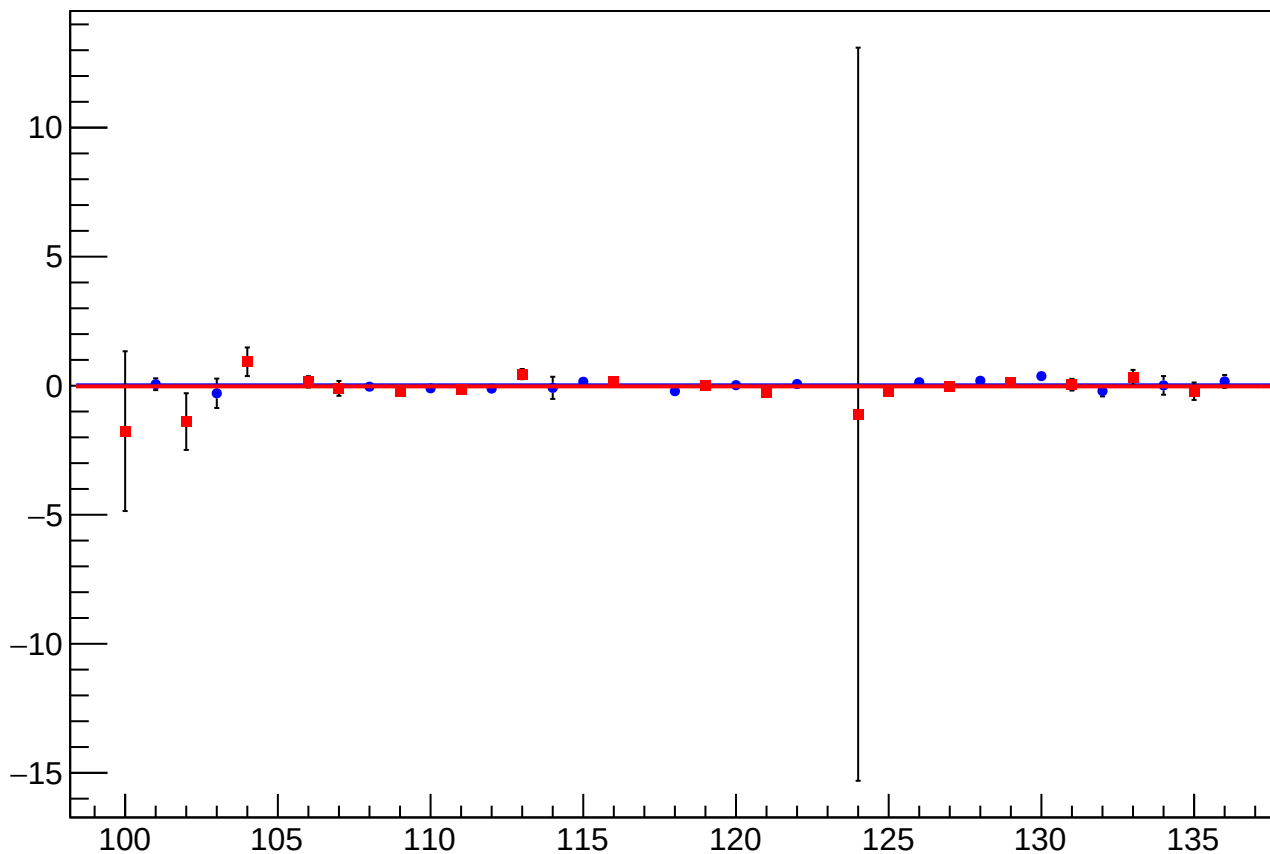
Right: 114.372 $\pm$ 0.024 χ^2 /NDF: 3774694.8/33

In: 117.649 $\pm$ 0.034 χ^2 /NDF:1722367.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.372 $\pm$ 0.024 χ^2 /NDF: 3774694.8/33

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 : 22.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

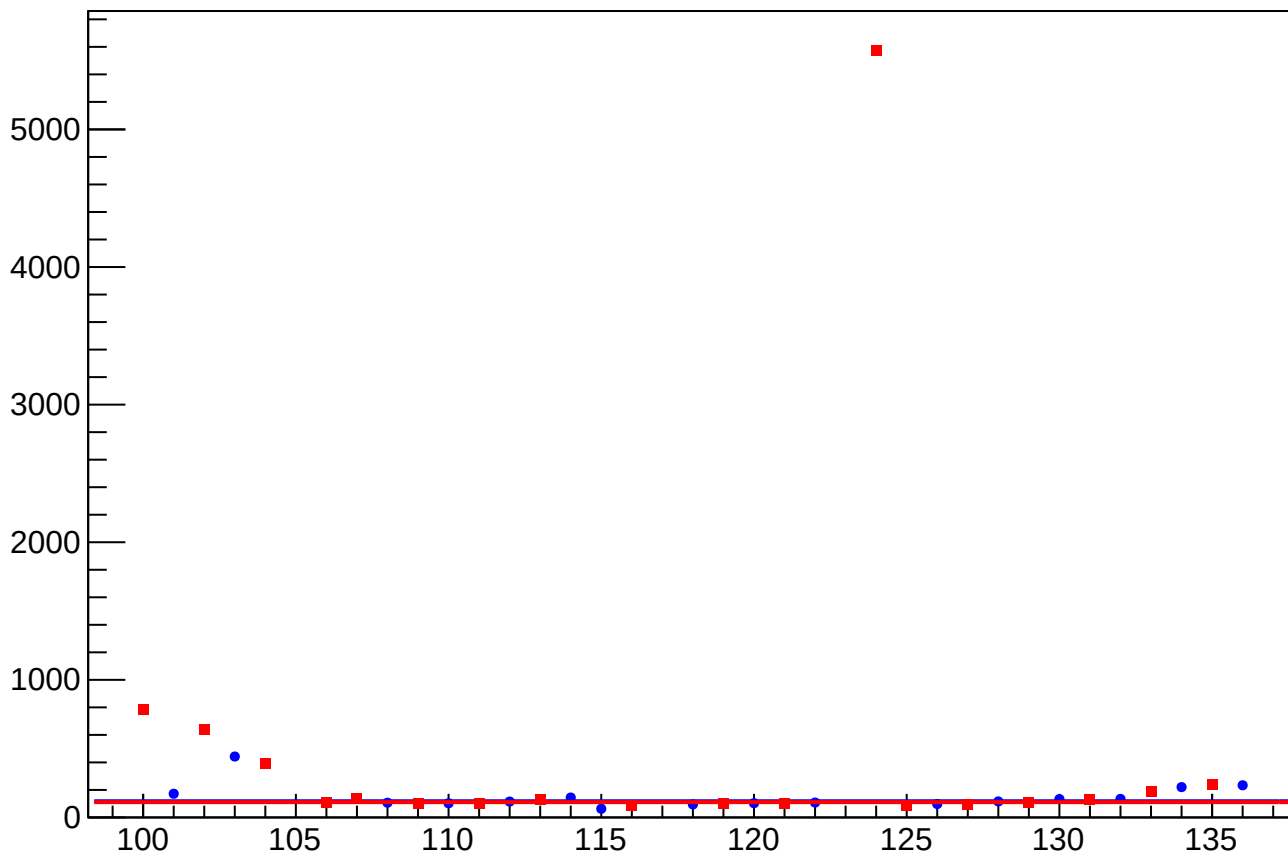
Right: -0.006+/-0.034 χ^2/NDF : 34.2/33

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+/-0.034 χ^2/NDF : 34.2/33

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 117.649 $\pm$ 0.034 χ^2 /NDF: 1722367.8/15

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

Right Out: 111.221 $\pm$ 0.033 χ^2 /NDF: 2033956.1/17

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

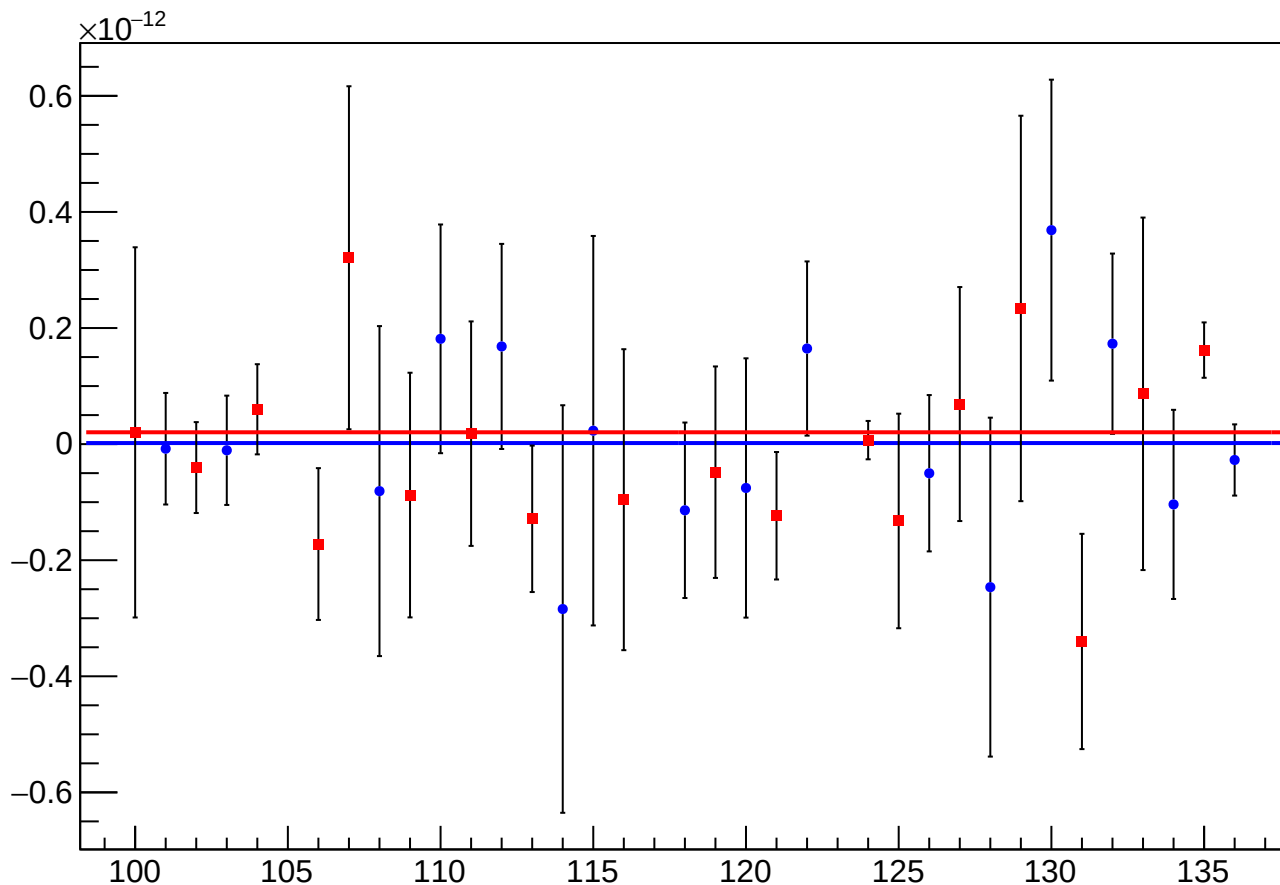
Right: 114.372 $\pm$ 0.024 χ^2 /NDF: 3774694.8/33

In: 117.649 $\pm$ 0.034 χ^2 /NDF:1722367.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 114.372 $\pm$ 0.024 χ^2 /NDF: 3774694.8/33

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 : 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

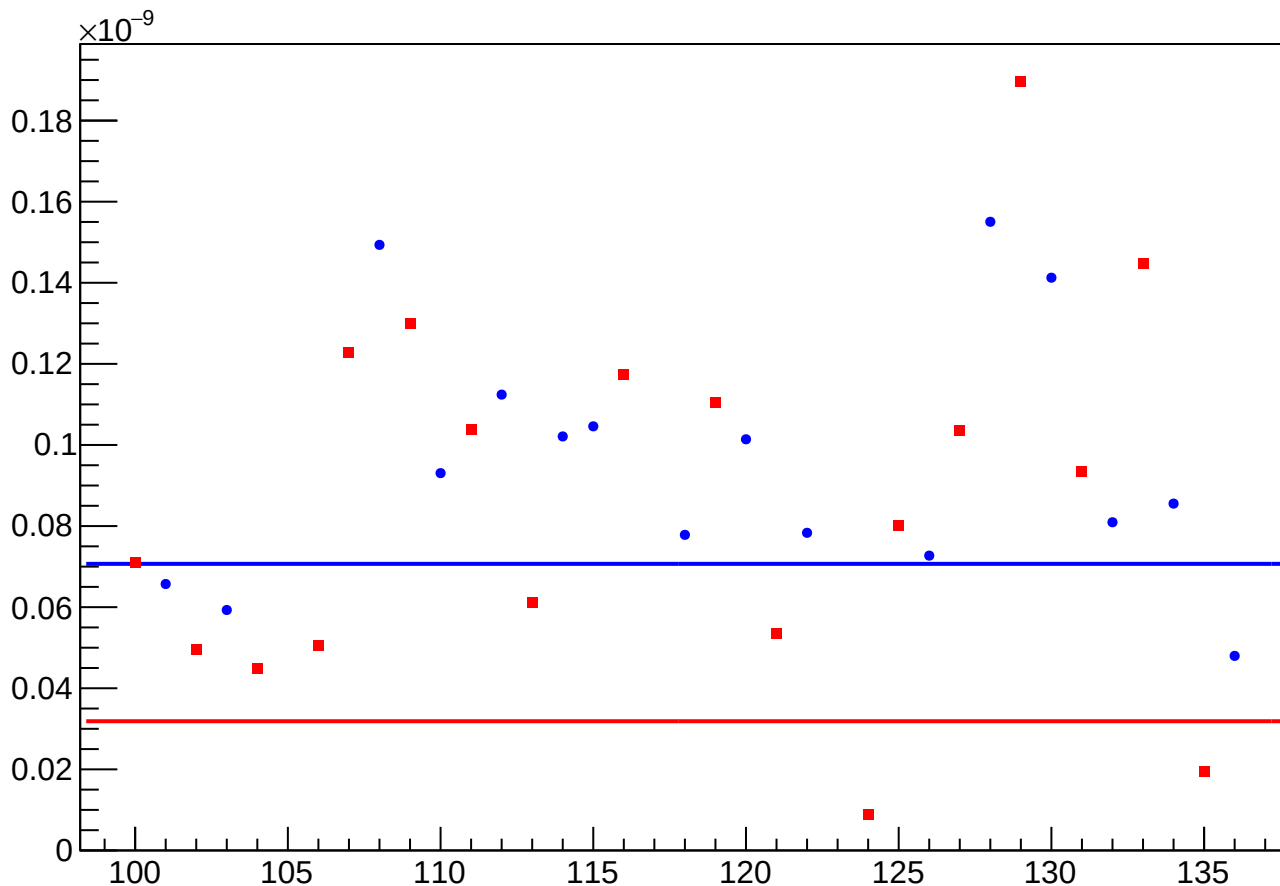
Right: 0.000+/-0.000 χ^2/NDF : 31.1/33

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 : 31.1/33

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 : 4352116.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

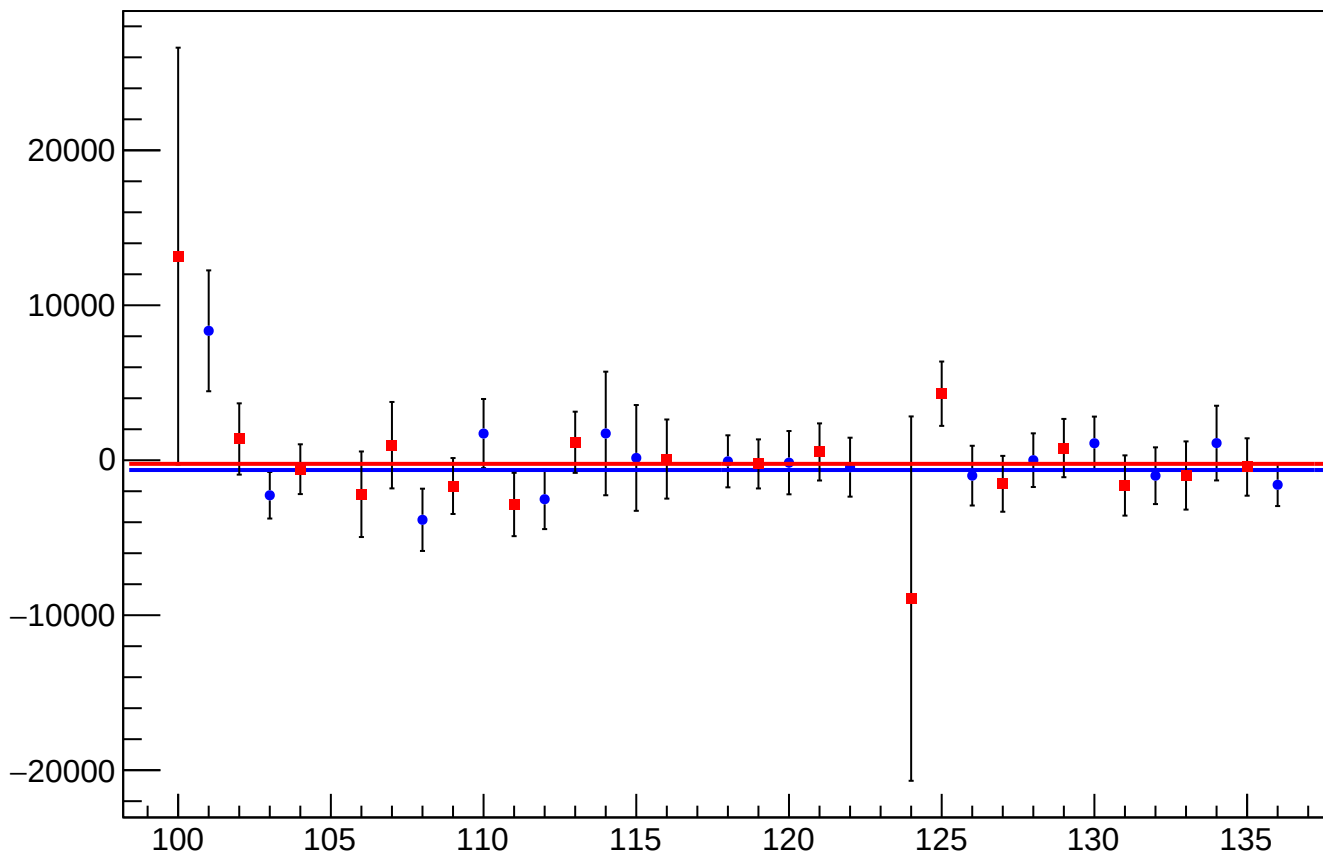
Right: 0.000+/-0.000 χ^2/NDF : 7189228.6/33

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 : 7189228.6/33

reg_asym_atl_dd_atr_dd_avg_mean vs Slug, Sign Corrected



Right In: -631.041 $\pm$ 488.663 χ^2 /NDF: 13.9/15

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

Right Out: -232.990 $\pm$ 494.825 χ^2 /NDF: 11.9/17

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

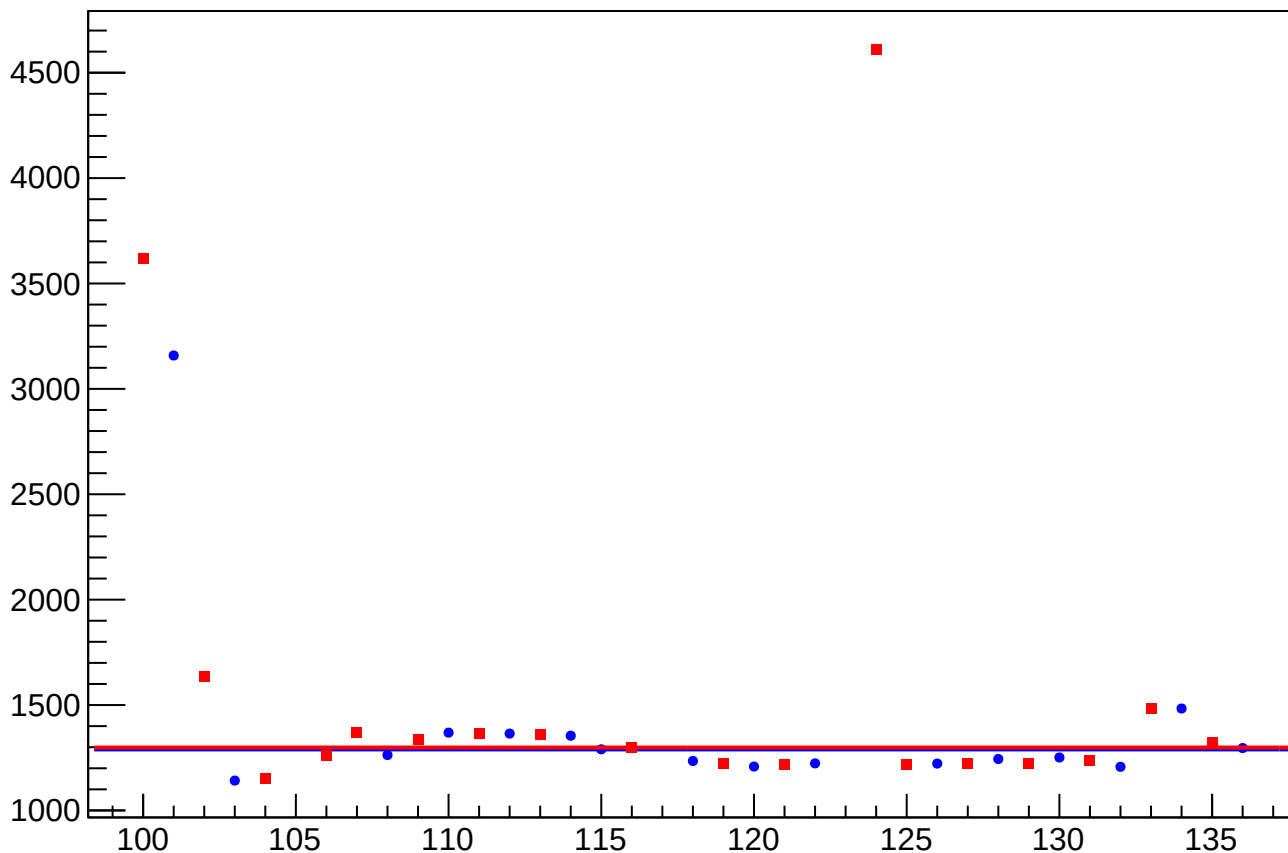
Right: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

In: -631.041 $\pm$ 488.663 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

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: 1298.504+/-0.349 χ^2/NDF : 319368.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

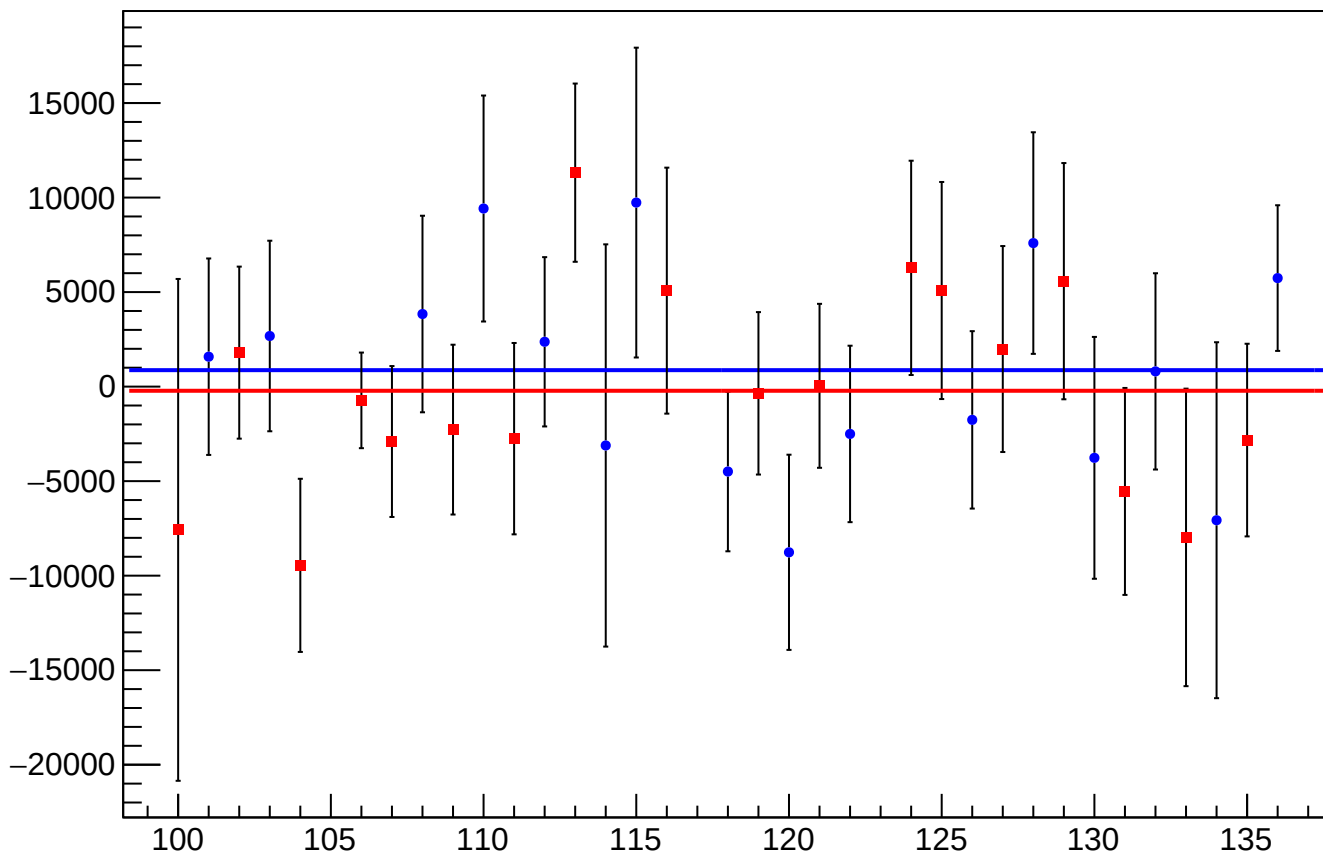
Right: 1293.941+/-0.246 χ^2/NDF : 834381.9/33

In: 1289.466+/-0.346 χ^2/NDF : 514675.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.941+/-0.246 χ^2/NDF : 834381.9/33

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295+/-1325.278 χ^2/NDF : 14.0/15

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

Right Out: -219.753+/-1122.104 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

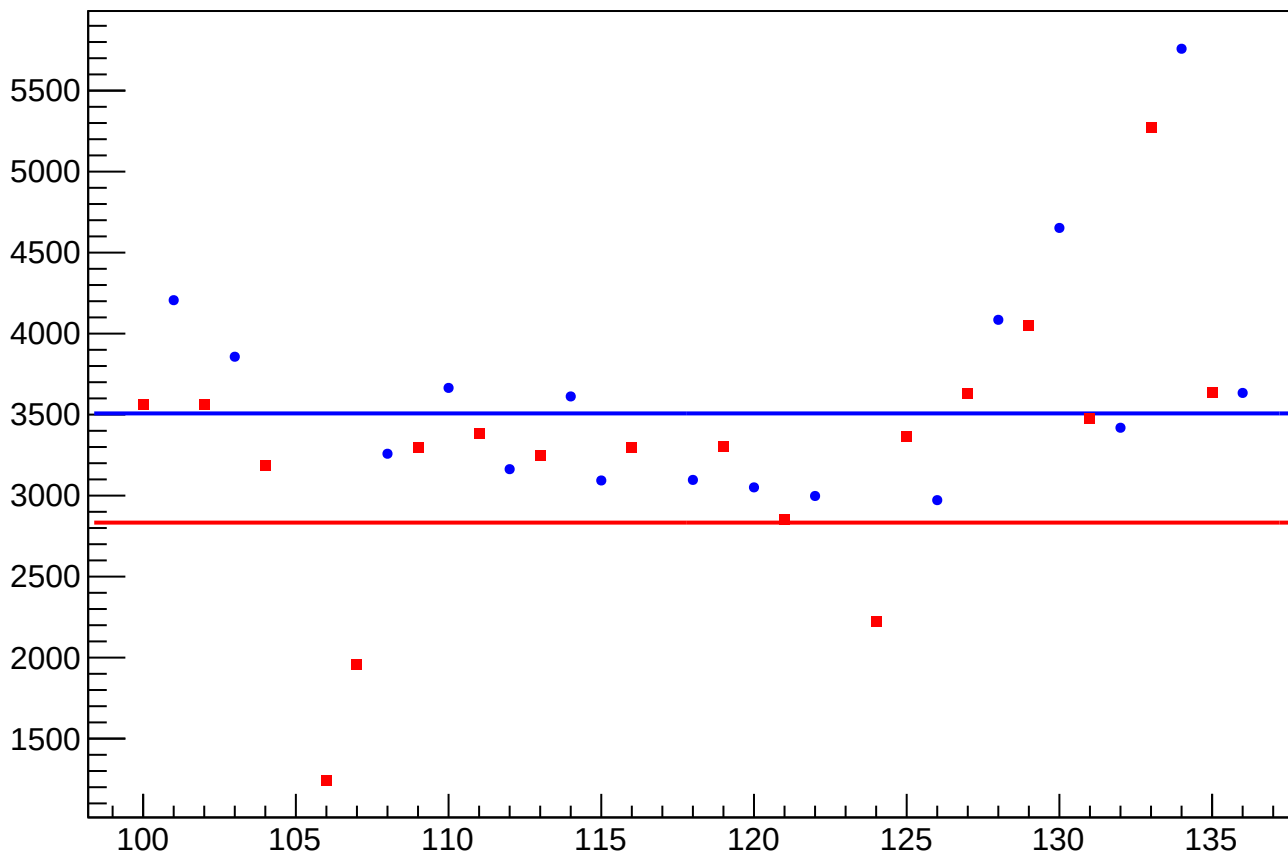
Right: 235.397+/-856.371 χ^2/NDF : 32.0/33

In: 870.295+/-1325.278 χ^2/NDF : 14.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.397+/-856.371 χ^2/NDF : 32.0/33

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: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

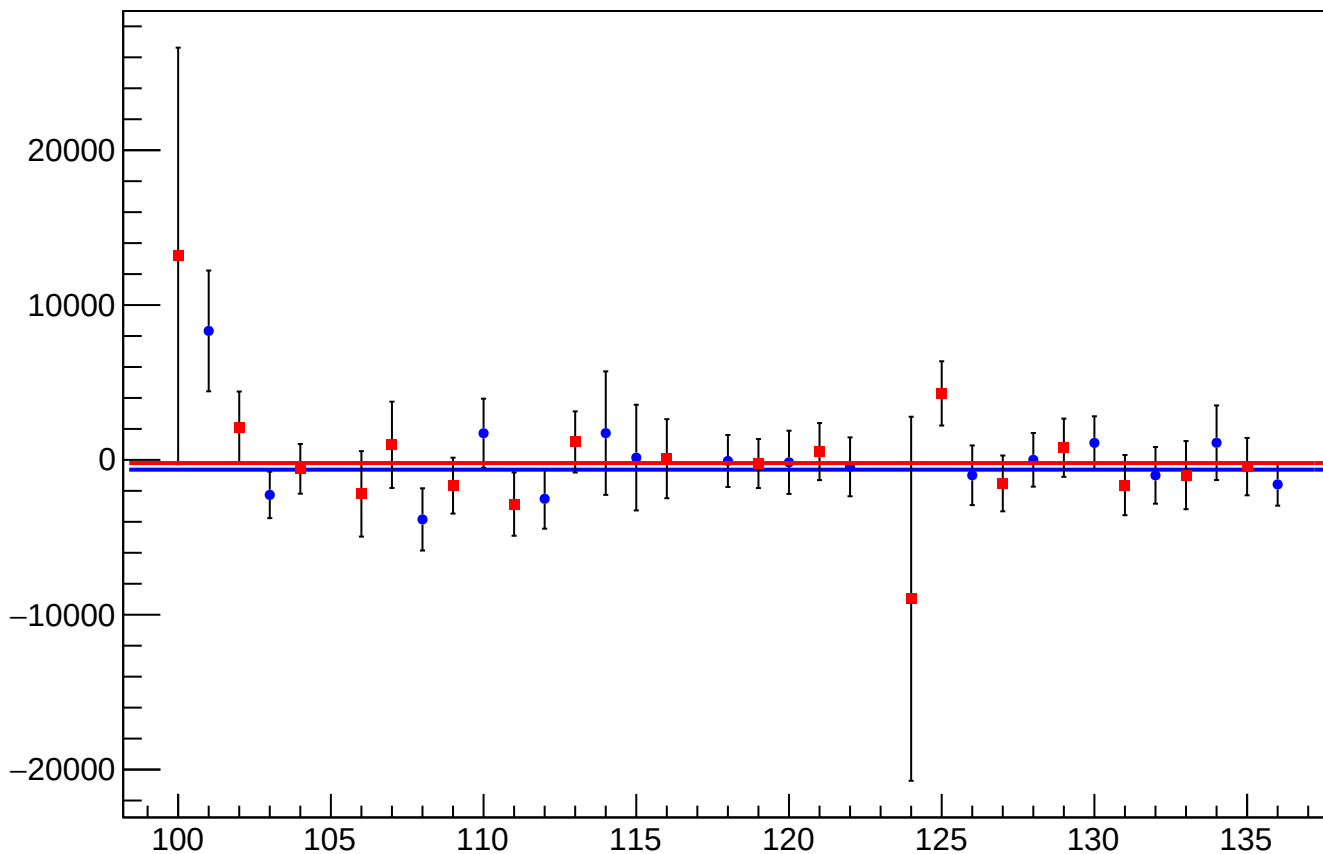
Right: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

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: -203.326+/-495.163 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

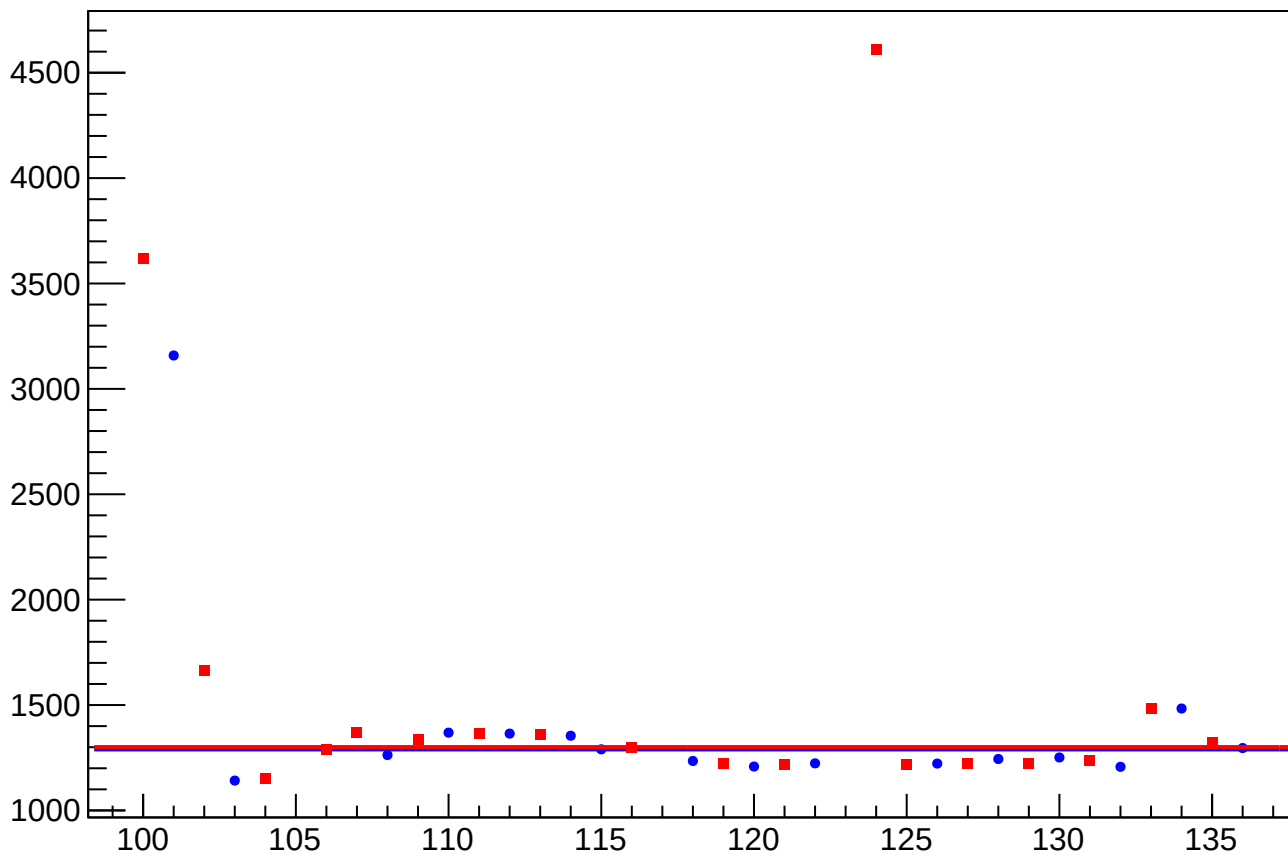
Right: -420.205+/-347.812 χ^2/NDF : 26.7/33

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.205+/-347.812 χ^2/NDF : 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

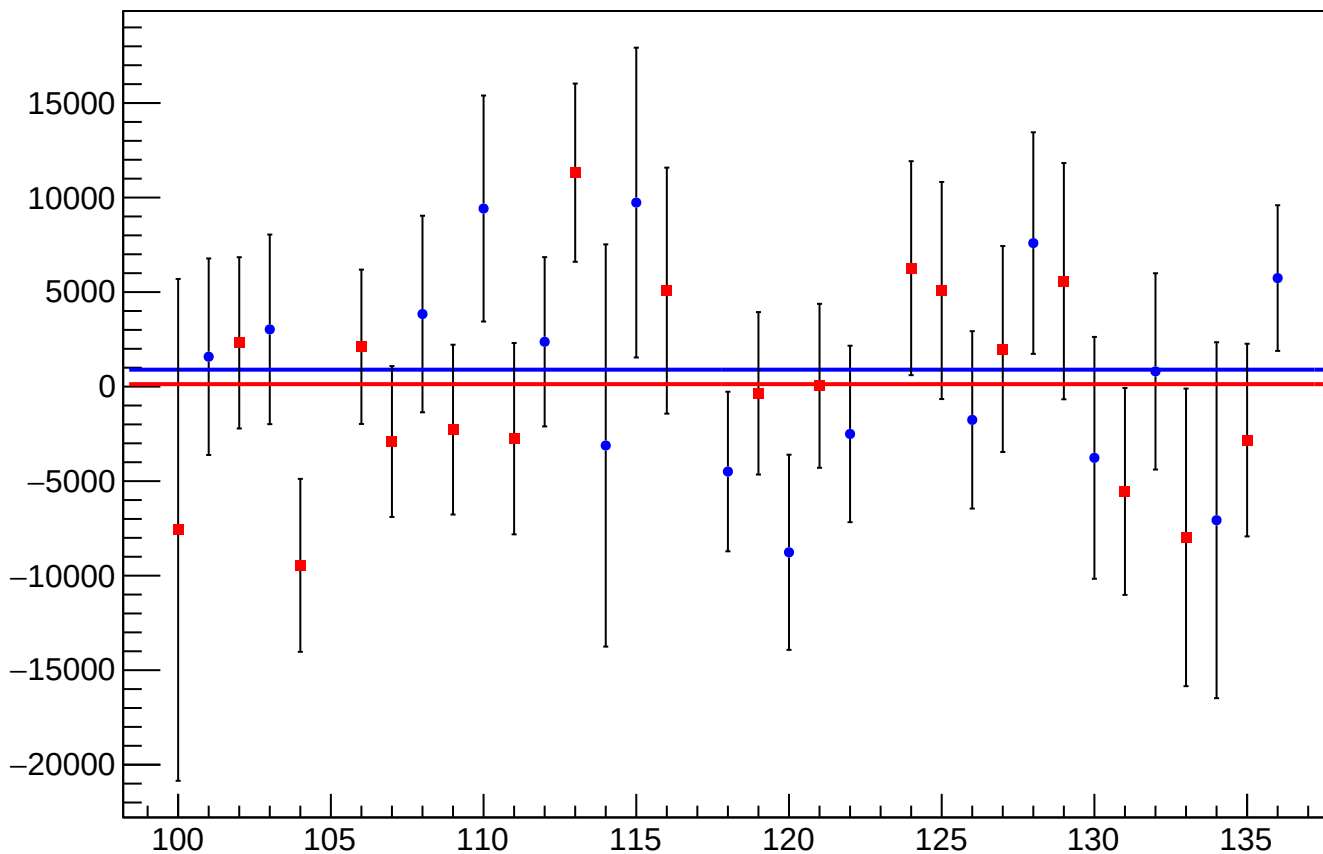
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

asym_atl_dd_atr_dd_avg_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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

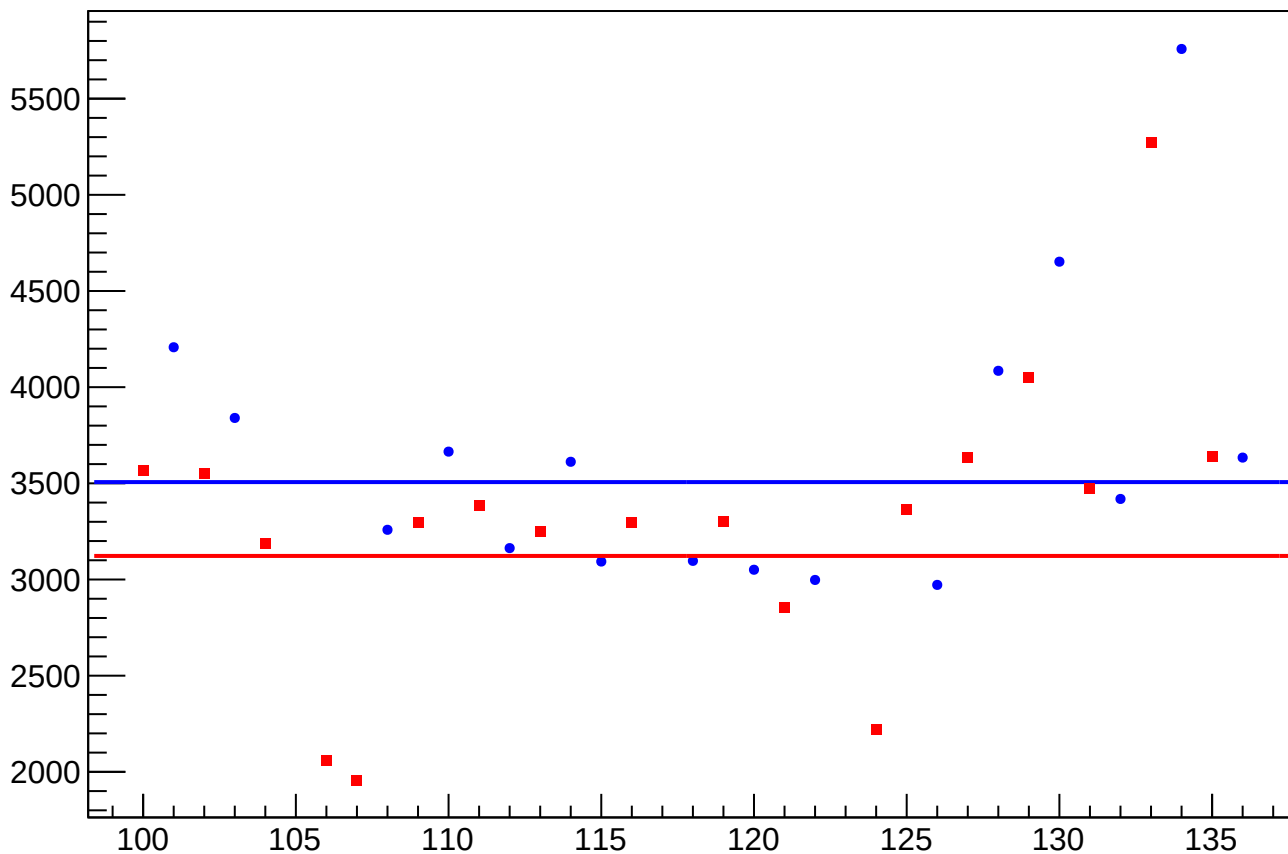
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

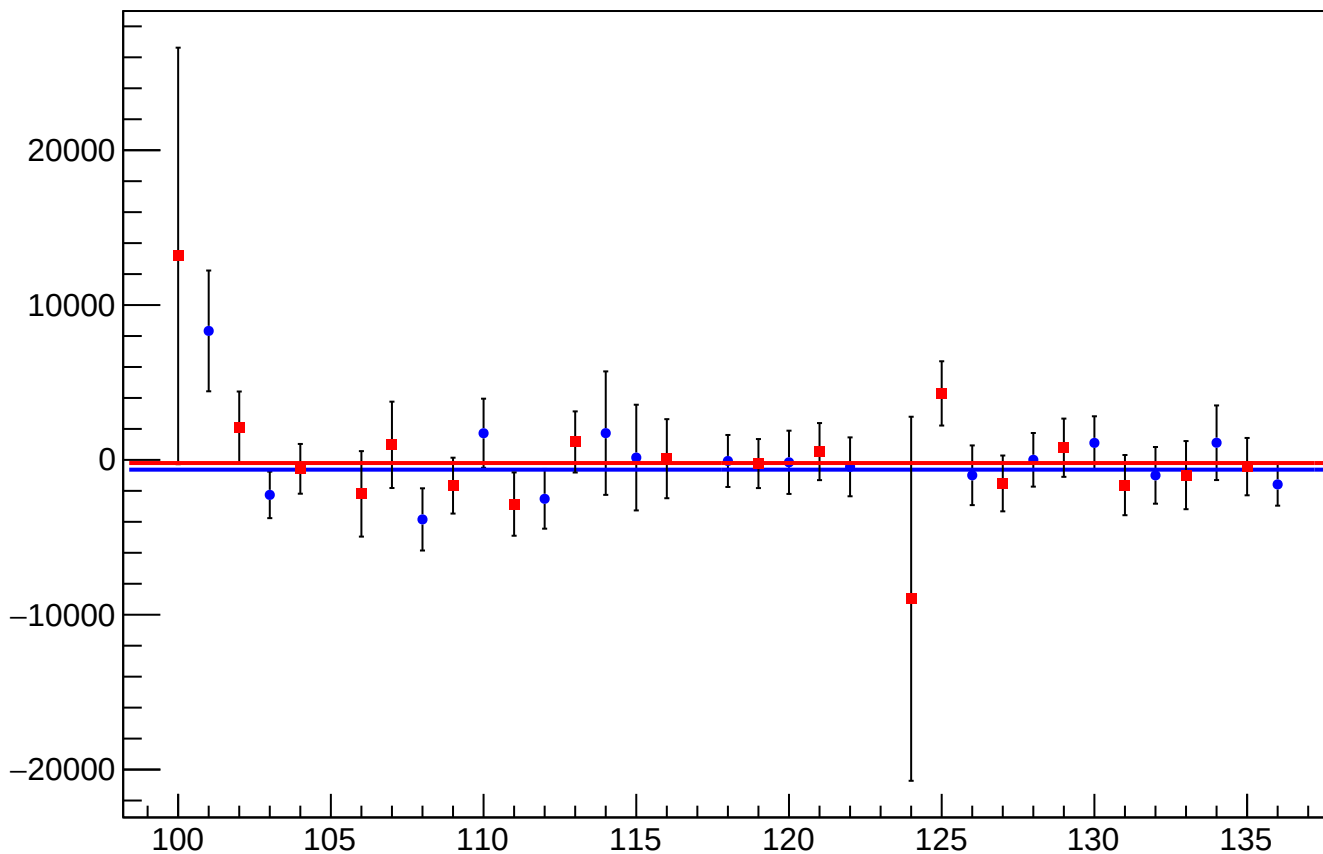
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -203.326+/-495.163 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

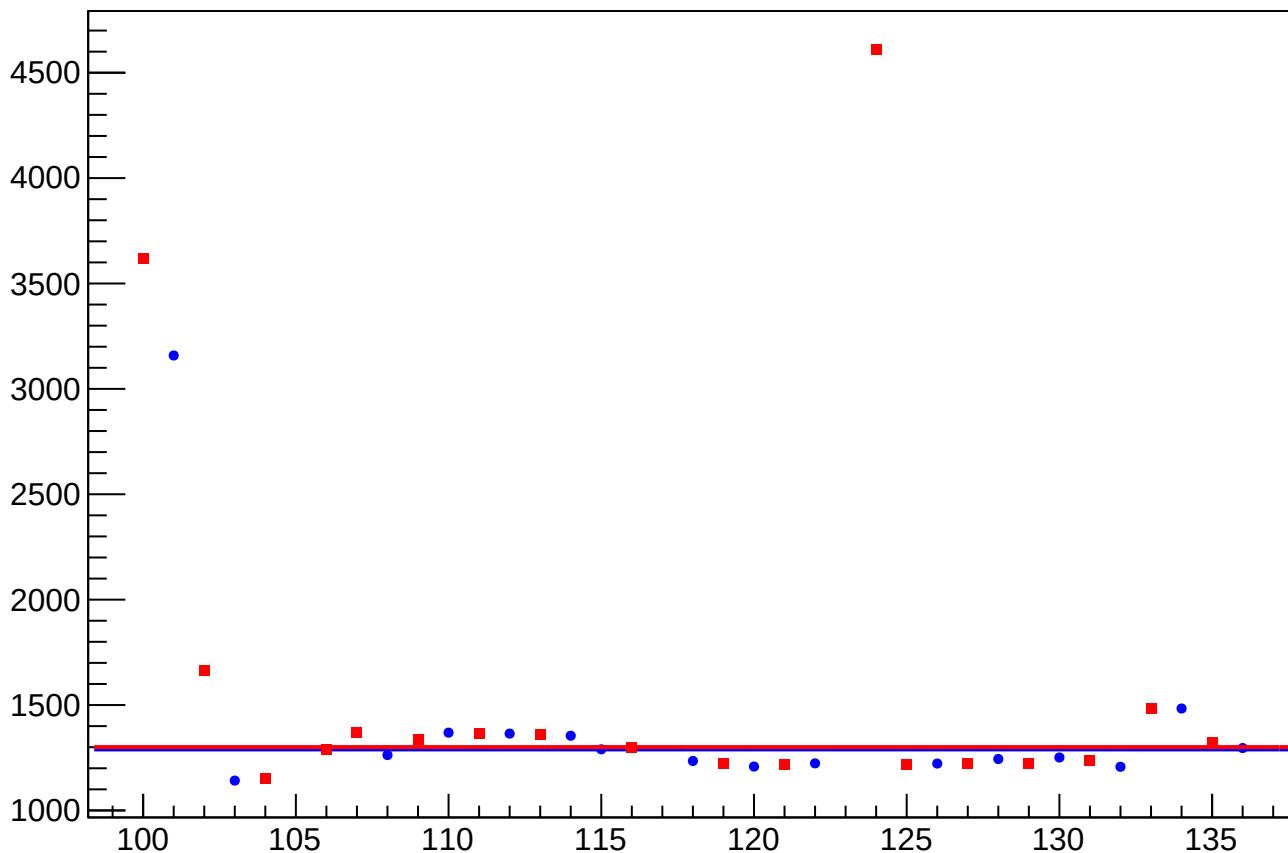
Right: -420.205+/-347.812 χ^2/NDF : 26.7/33

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.205+/-347.812 χ^2/NDF : 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

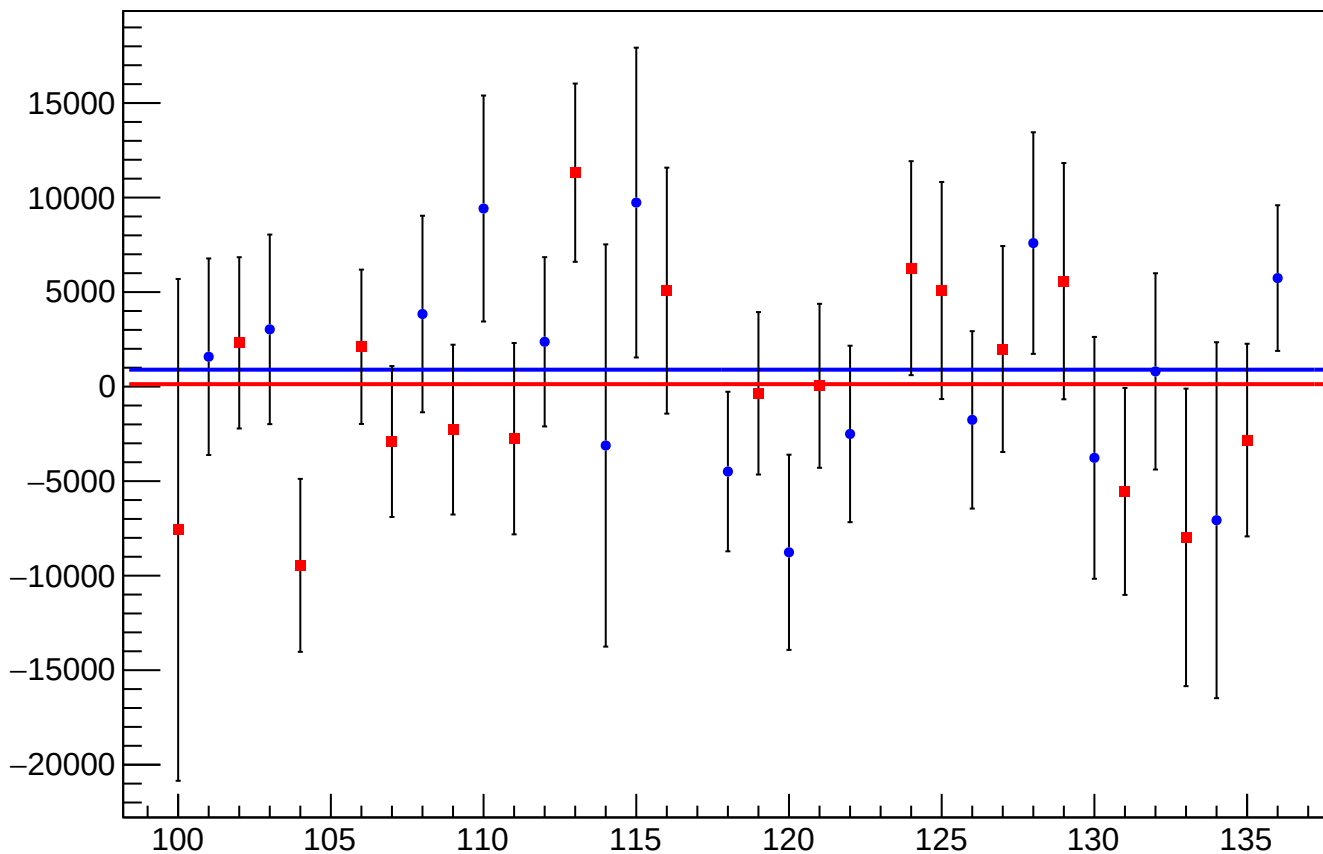
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

asym_atl_dd_atr_dd_avg_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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

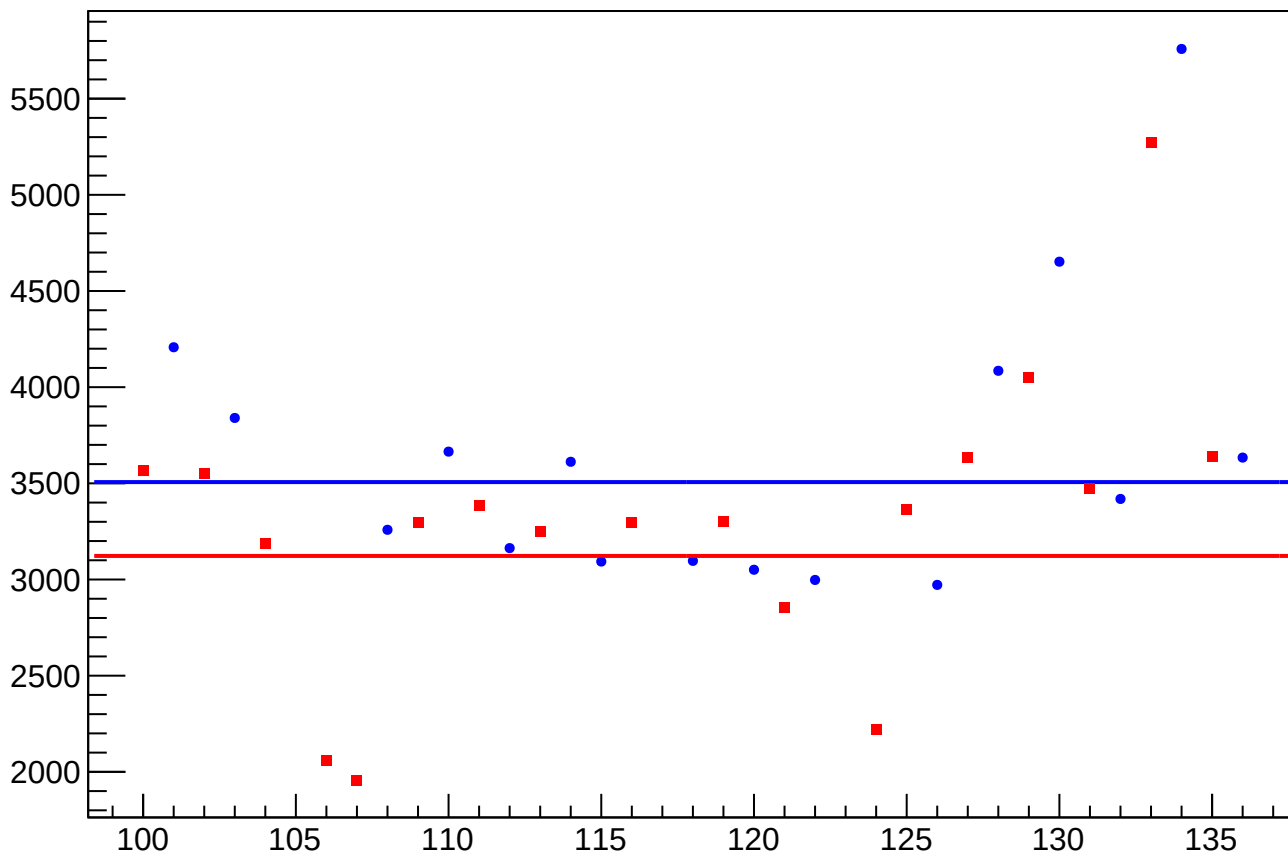
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

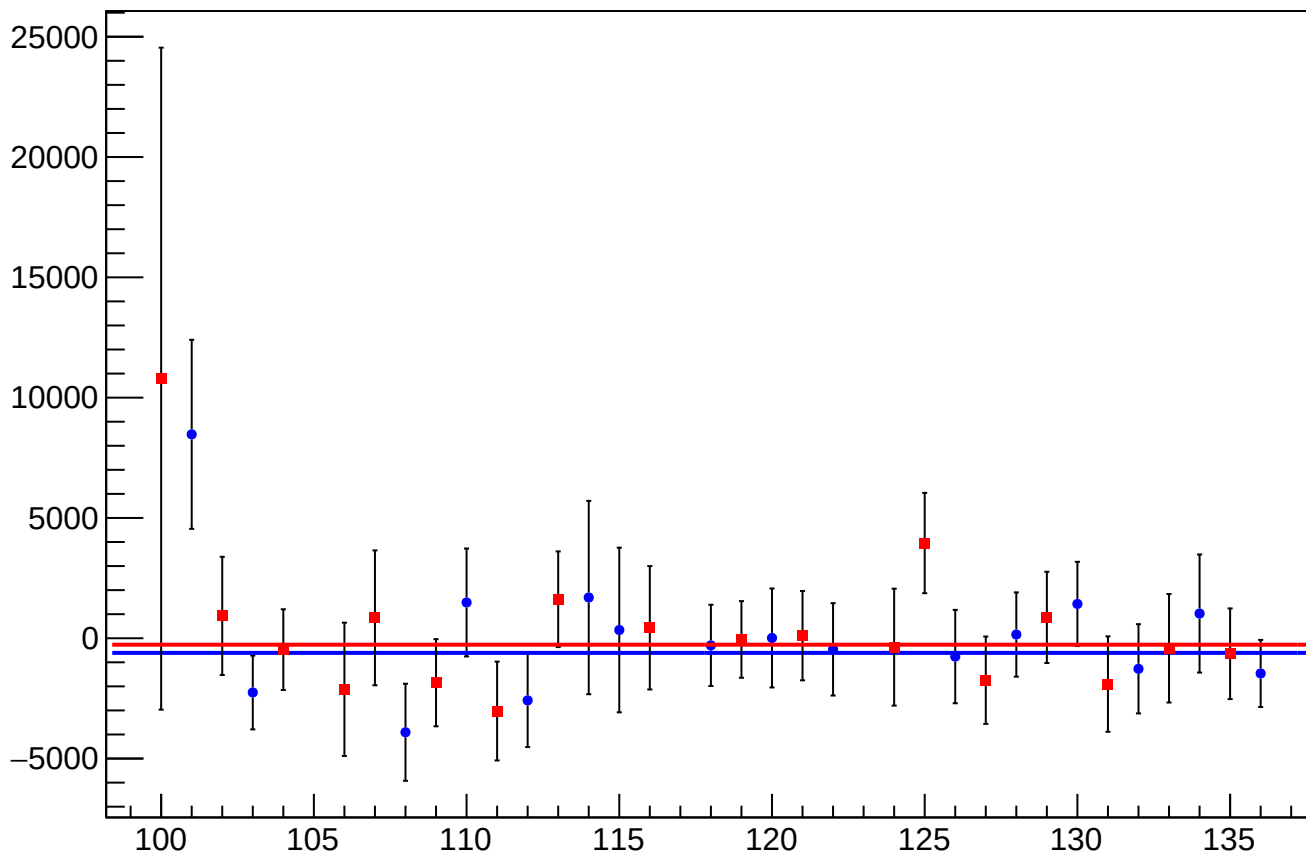
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -267.829+/-492.176 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

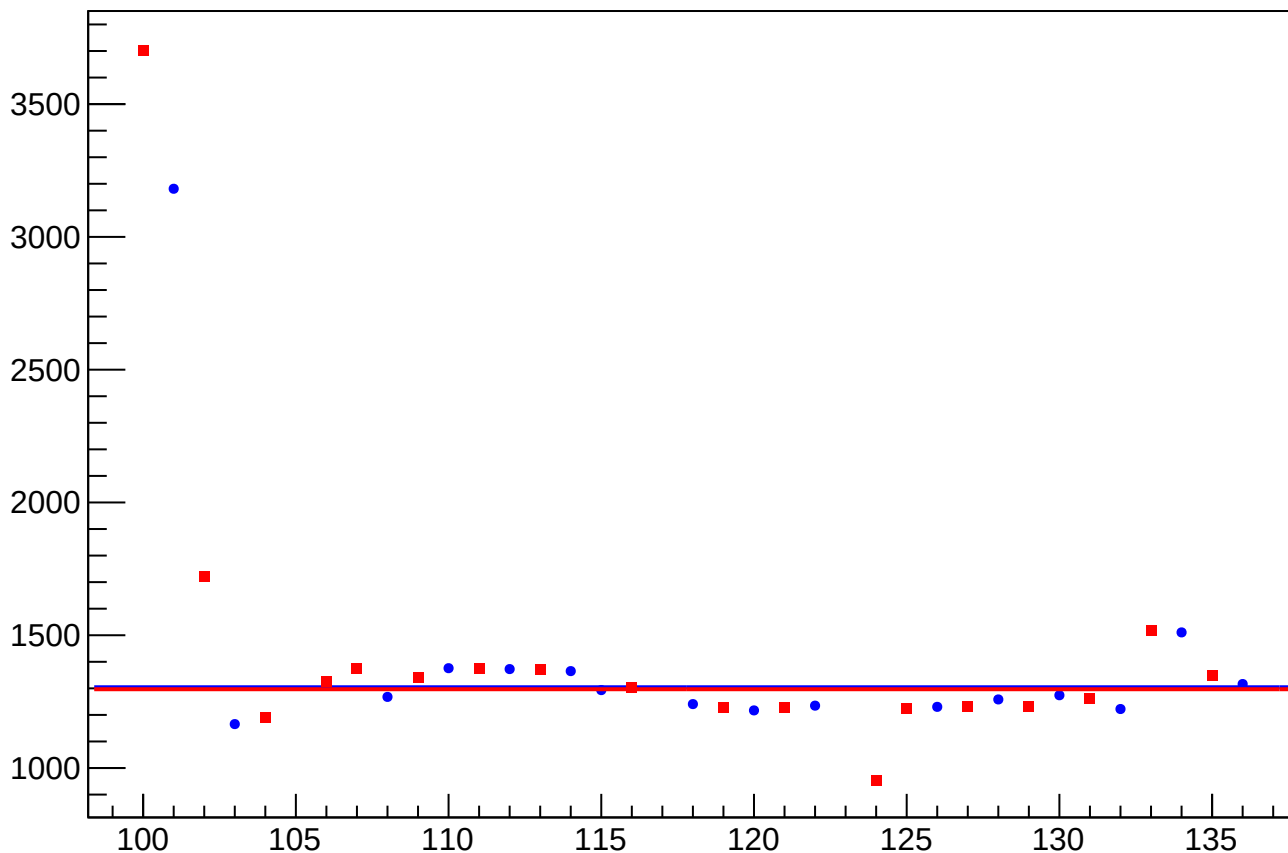
Right: -437.139+/-348.728 χ^2/NDF : 25.3/33

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.139+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212745.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

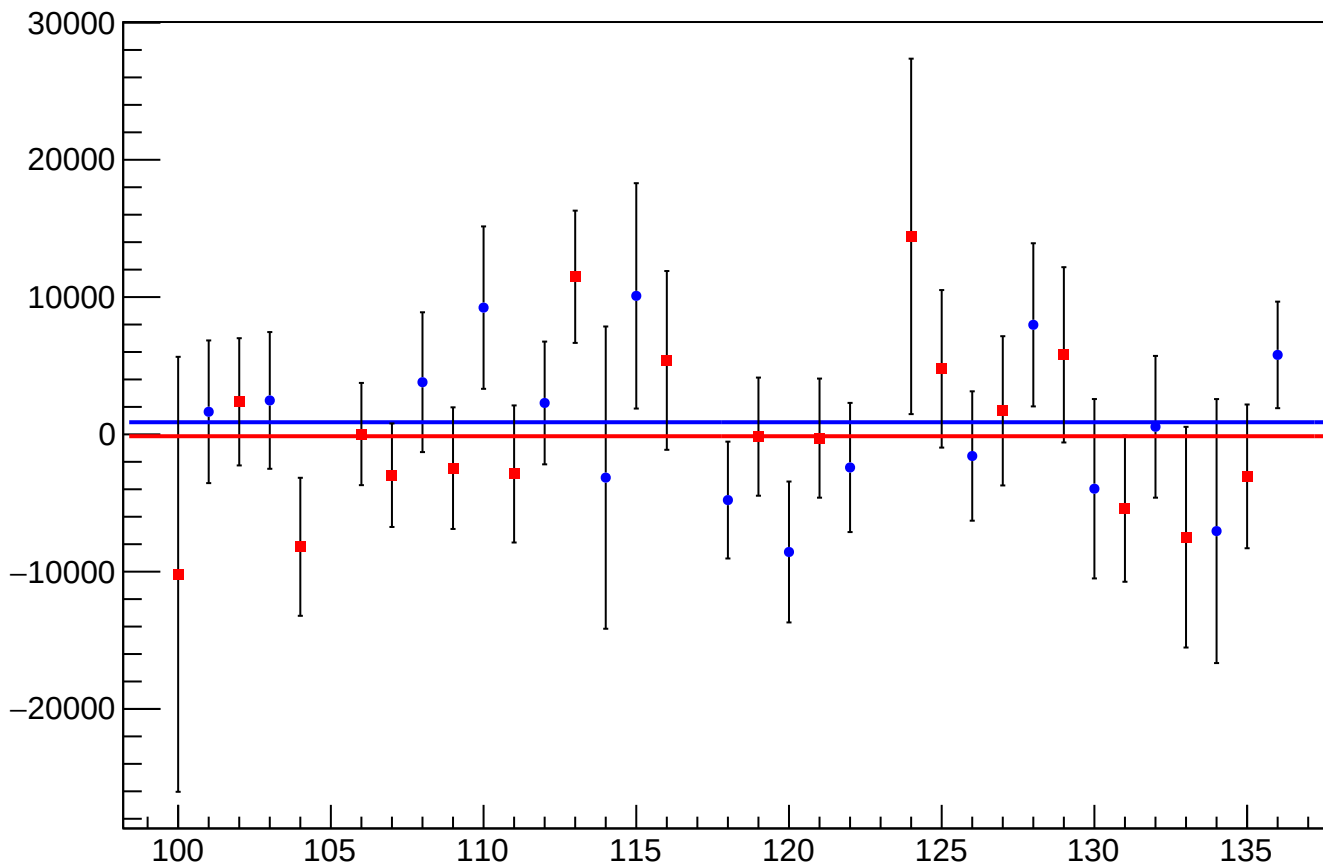
Right: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.058 $\pm$ 1327.399 χ^2 /NDF: 14.1/15

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

Right Out: -135.392 $\pm$ 1213.109 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

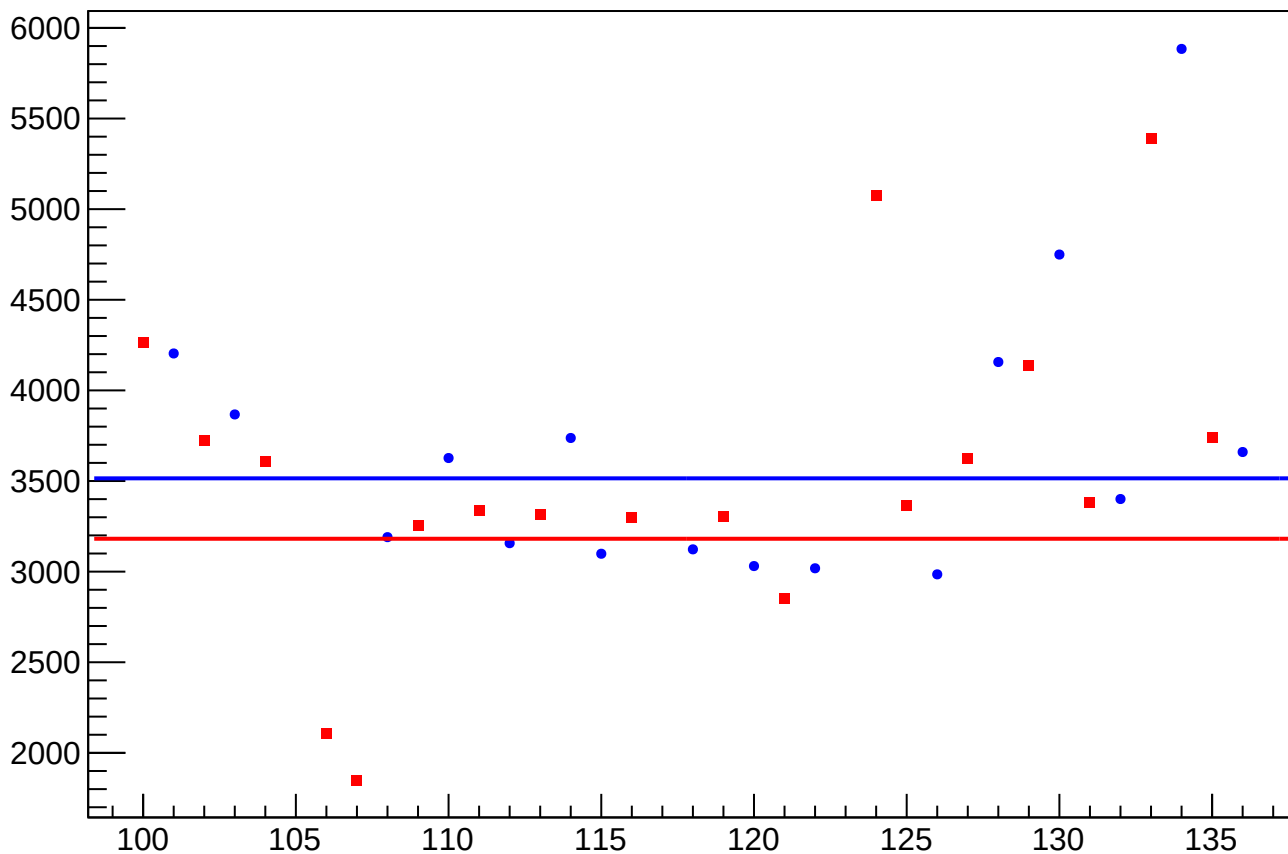
Right: 328.563 $\pm$ 895.482 χ^2 /NDF: 30.5/33

In: 884.058 $\pm$ 1327.399 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.563 $\pm$ 895.482 χ^2 /NDF: 30.5/33

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: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

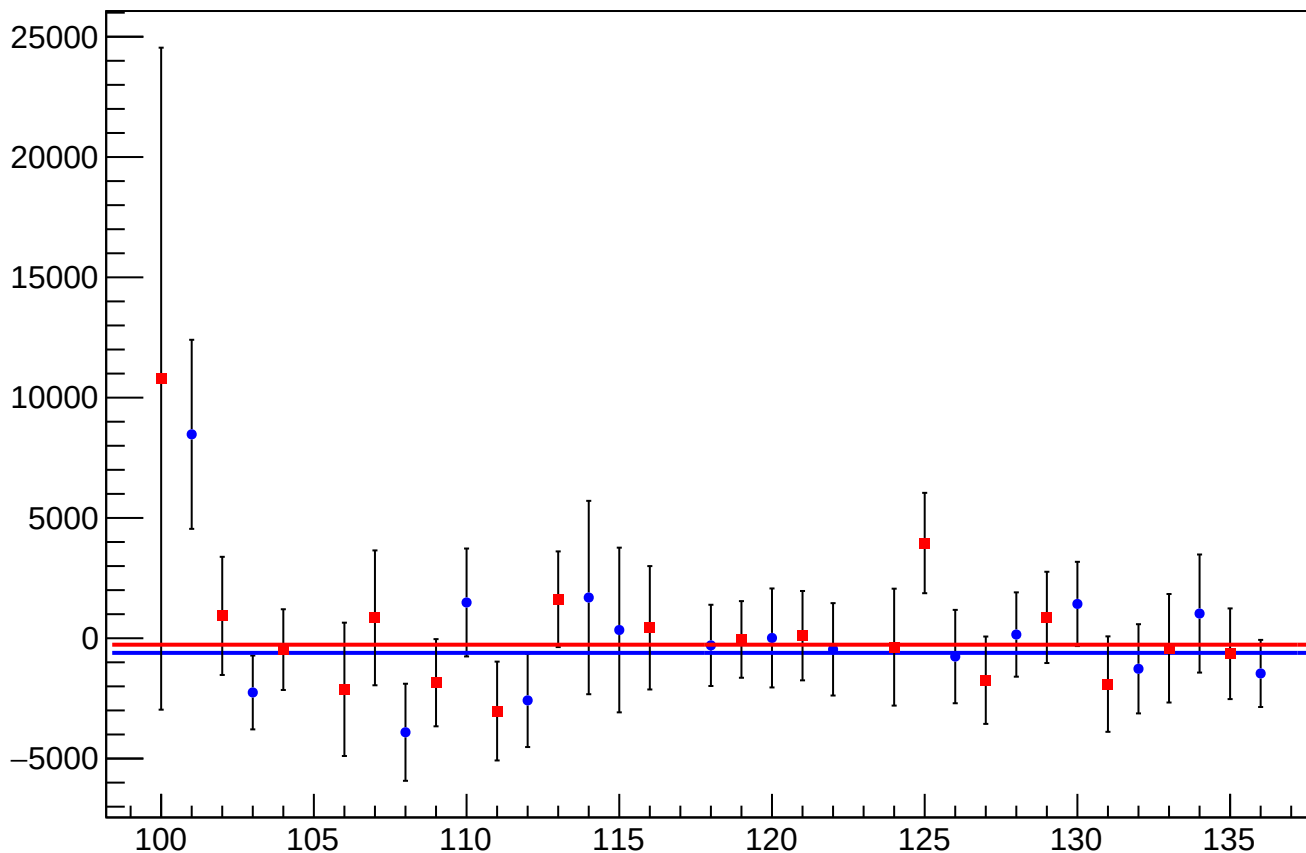
Right: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

In: 3514.746+/-0.939 χ^2/NDF :375078.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

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: -267.835+/-492.176 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

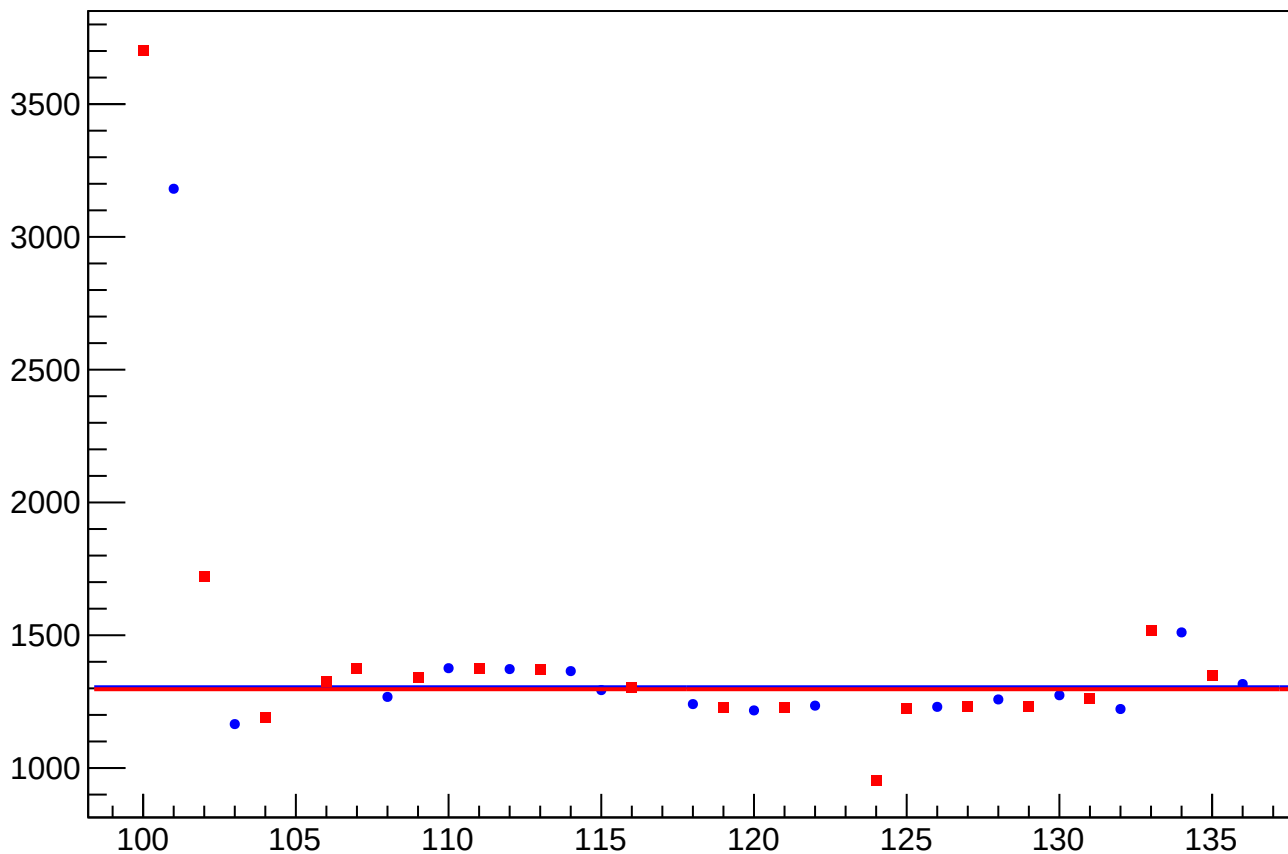
Right: -437.143+/-348.728 χ^2/NDF : 25.3/33

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.143+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212746.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

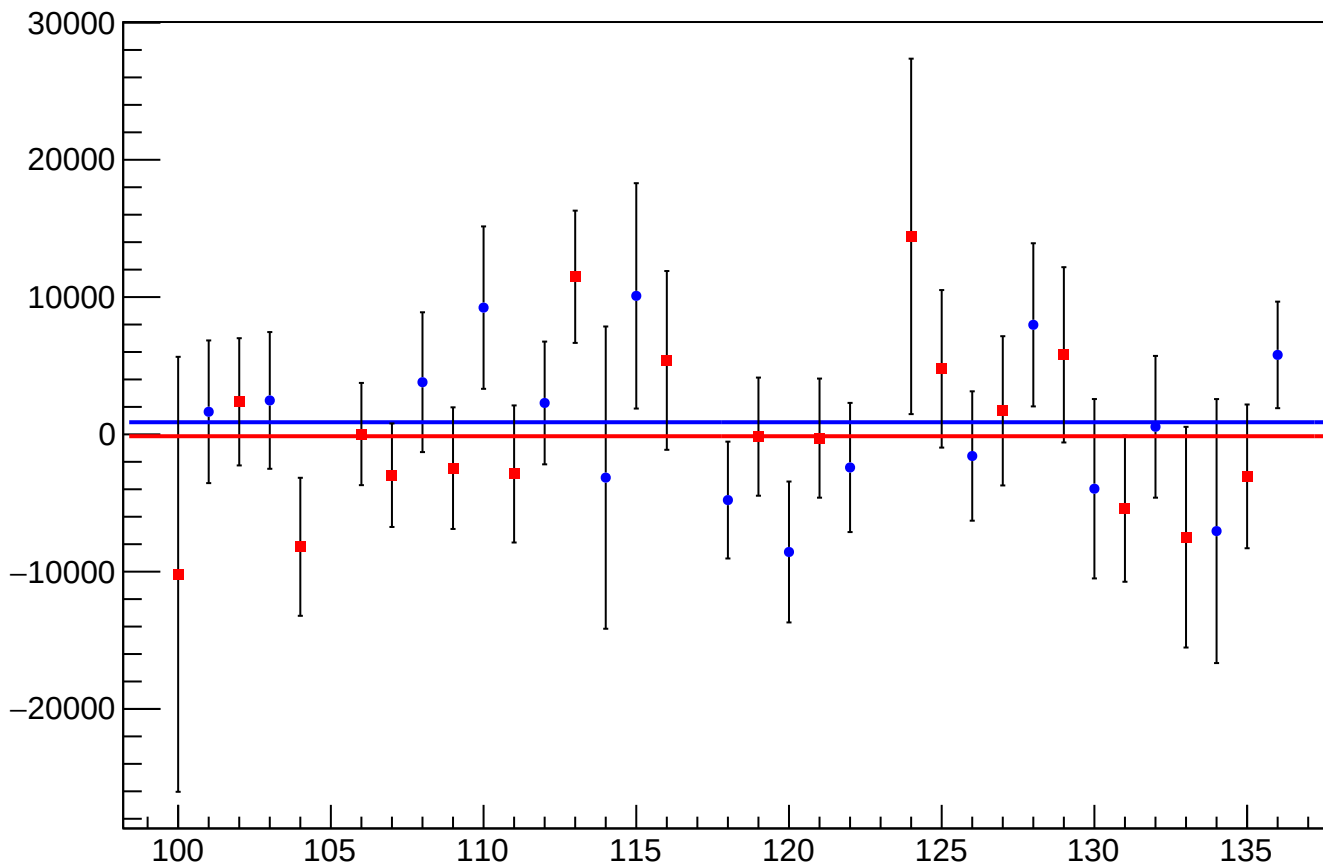
Right: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

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: -135.395+/-1213.106 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

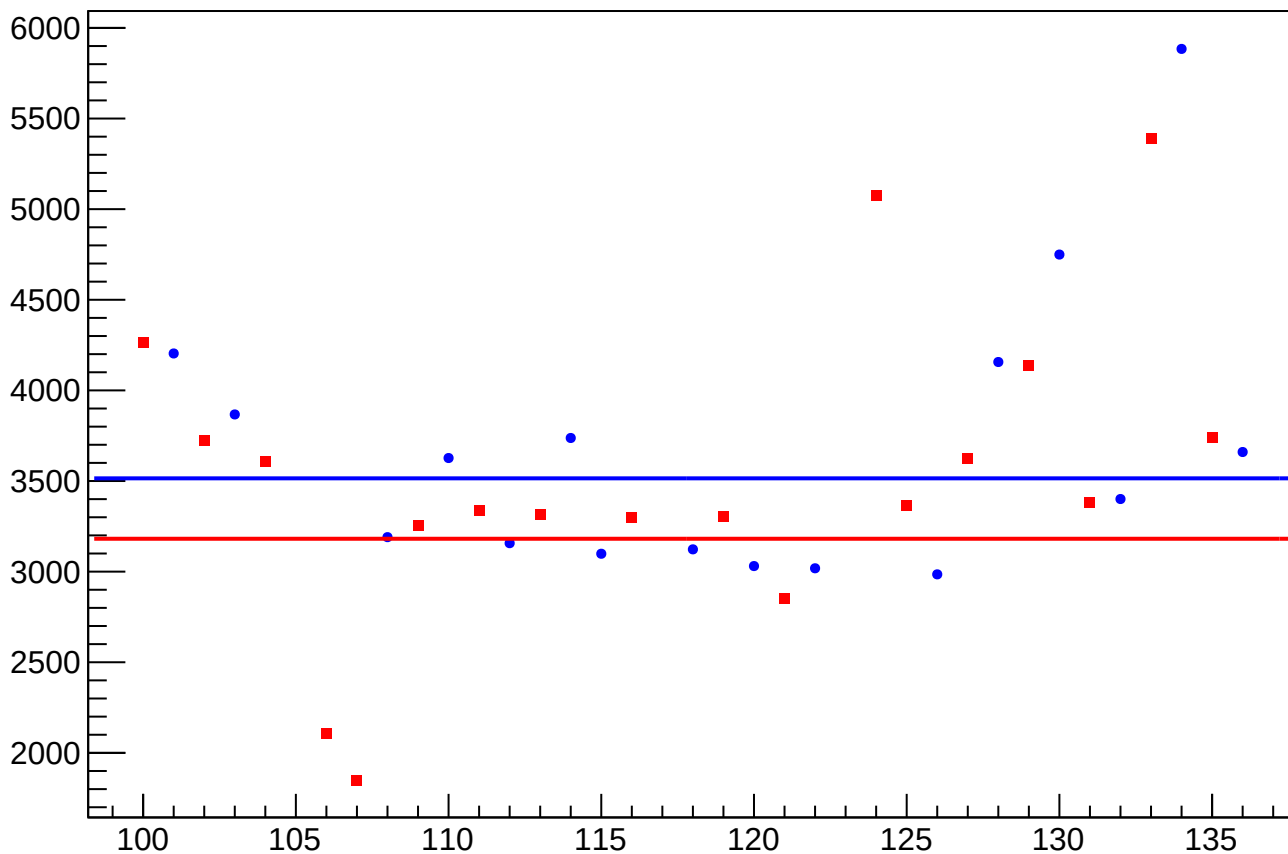
Right: 328.557+/-895.479 χ^2/NDF : 30.5/33

In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.557+/-895.479 χ^2/NDF : 30.5/33

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: 3181.387+/-0.858 χ^2/NDF : 765103.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

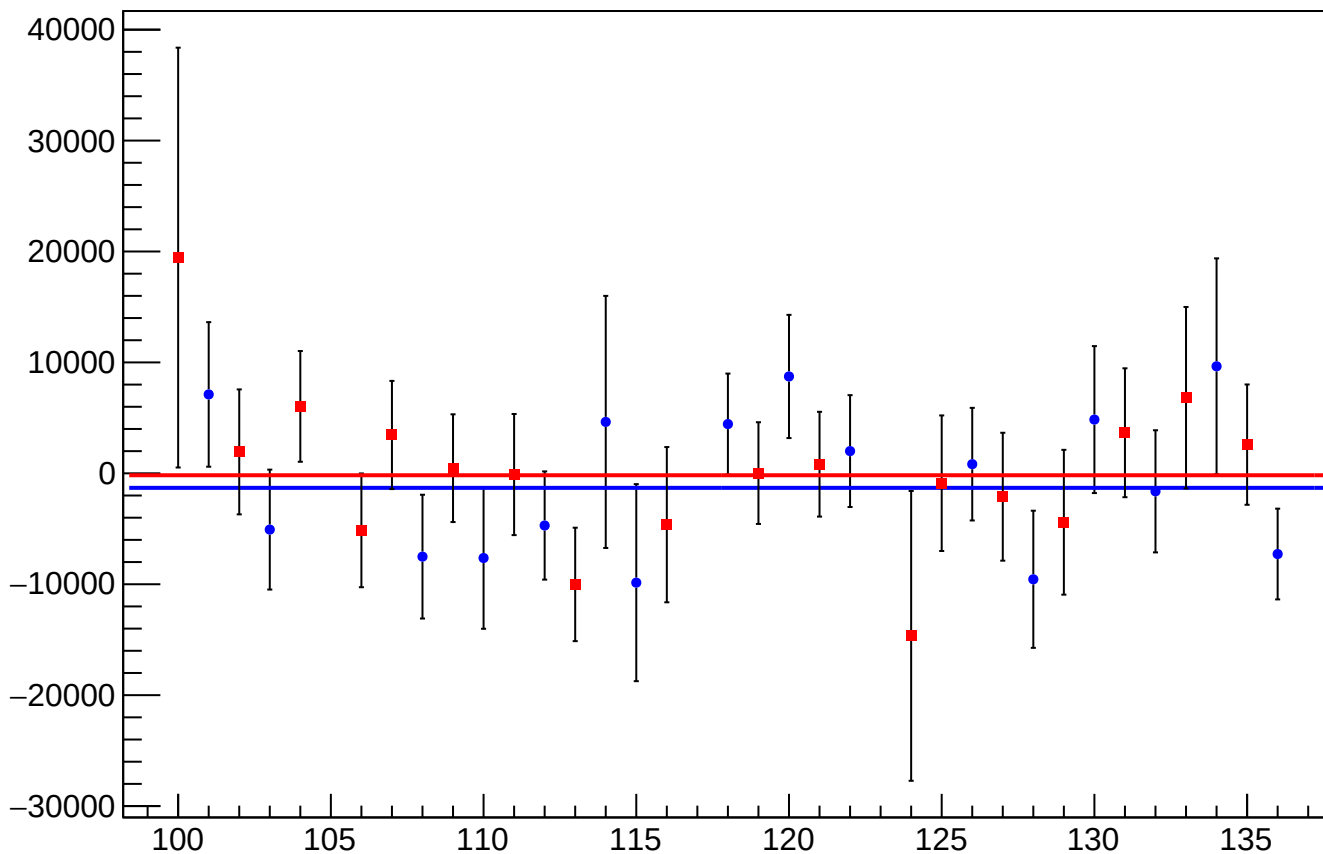
Right: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

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: -173.210+/-1353.051 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

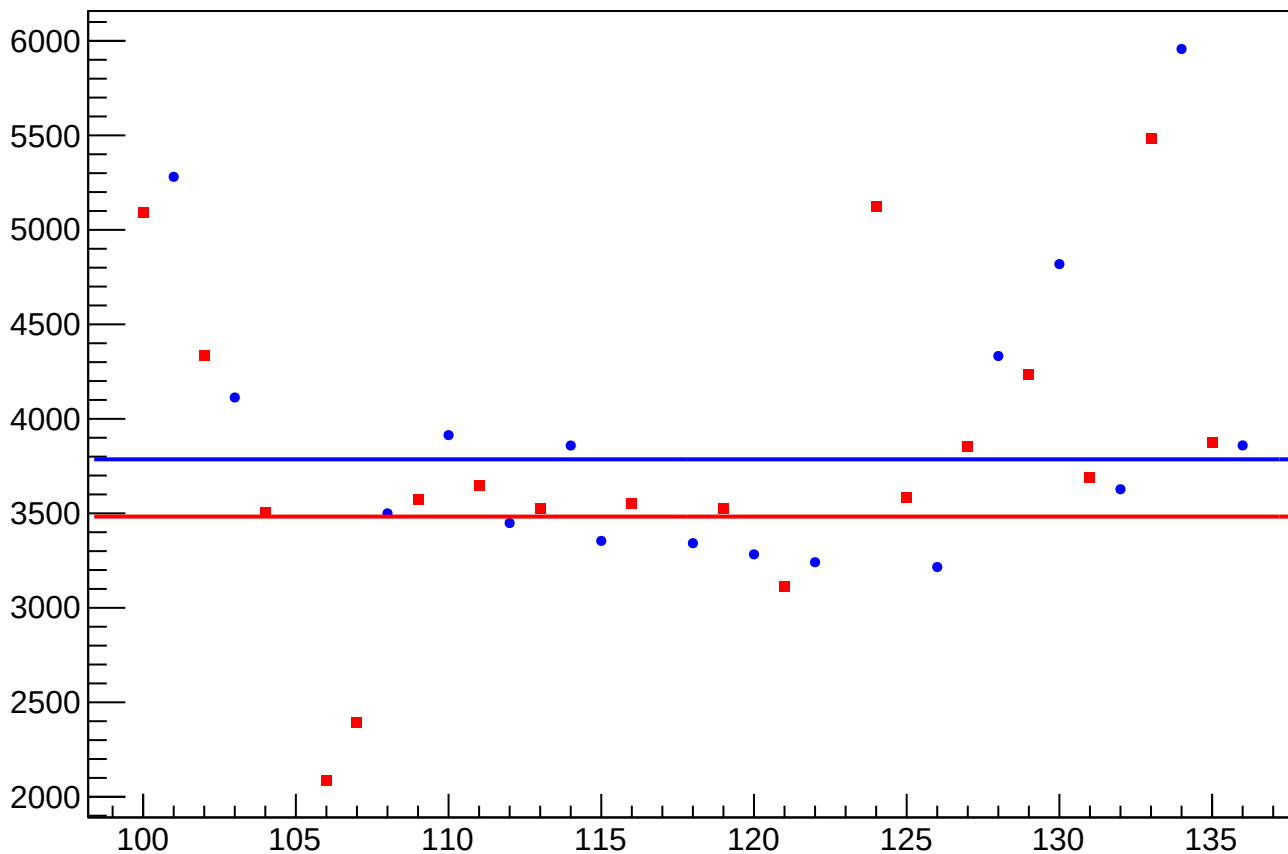
Right: -709.248+/-983.356 χ^2/NDF : 29.5/33

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -709.248+/-983.356 χ^2/NDF : 29.5/33

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: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

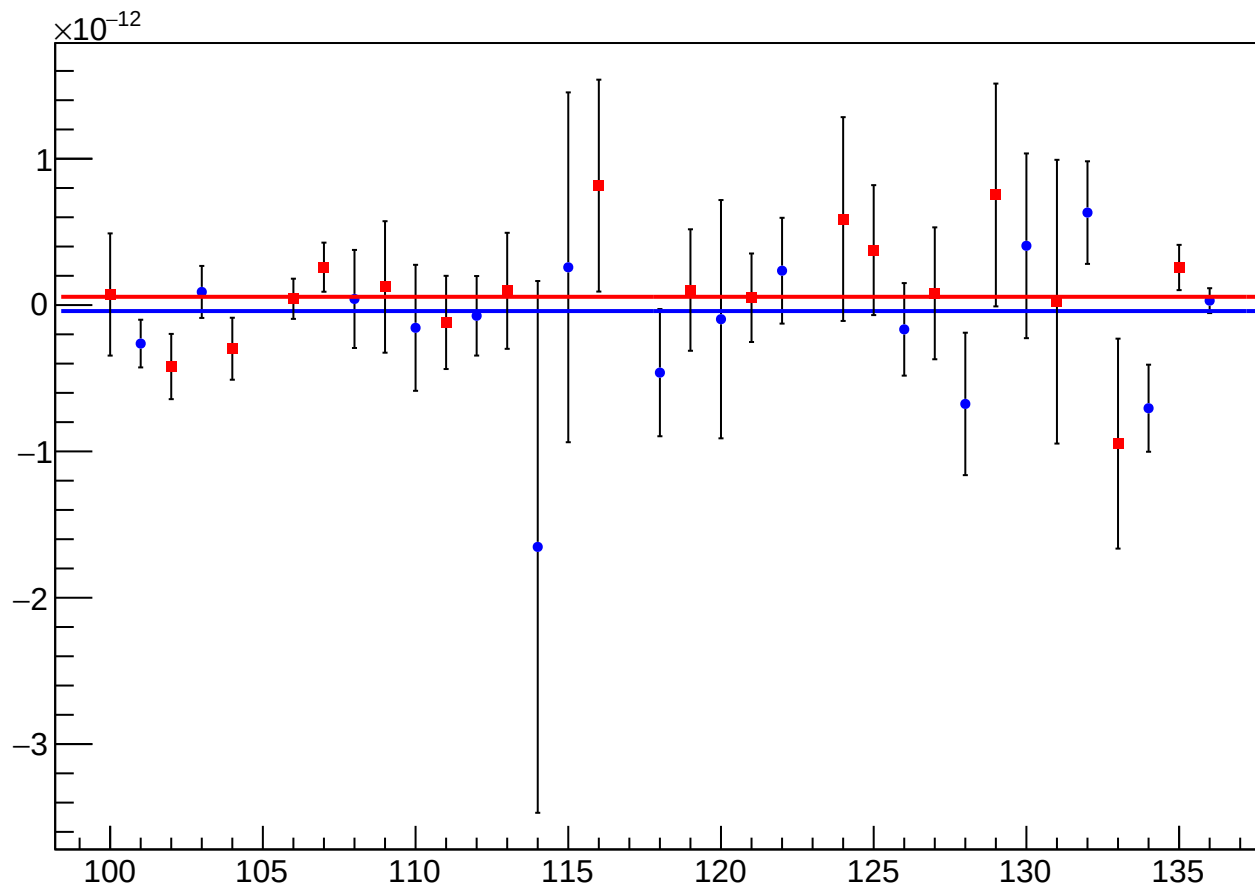
Right: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

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 : 15.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

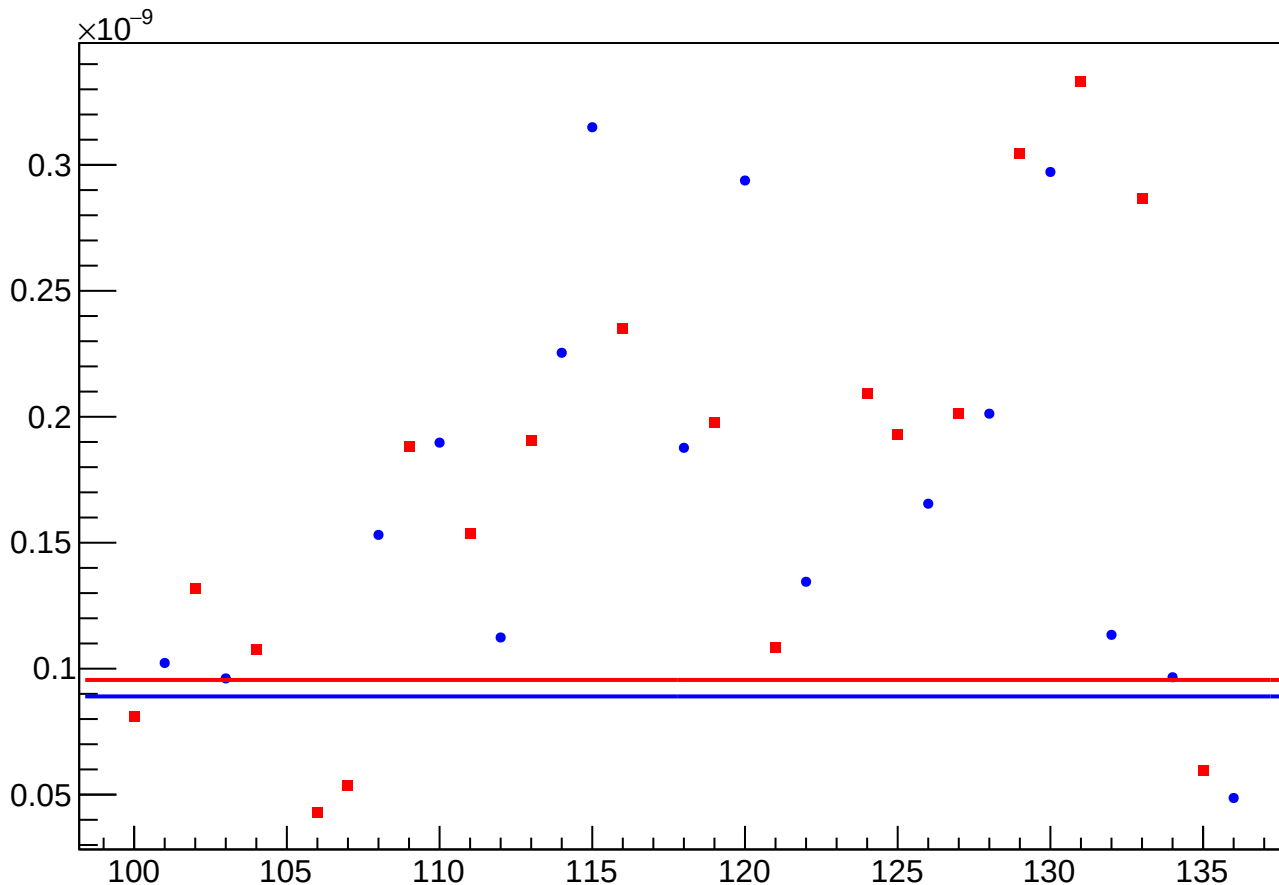
Right: 0.000+/-0.000 χ^2/NDF : 33.7/33

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 : 33.7/33

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 : 1728189.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

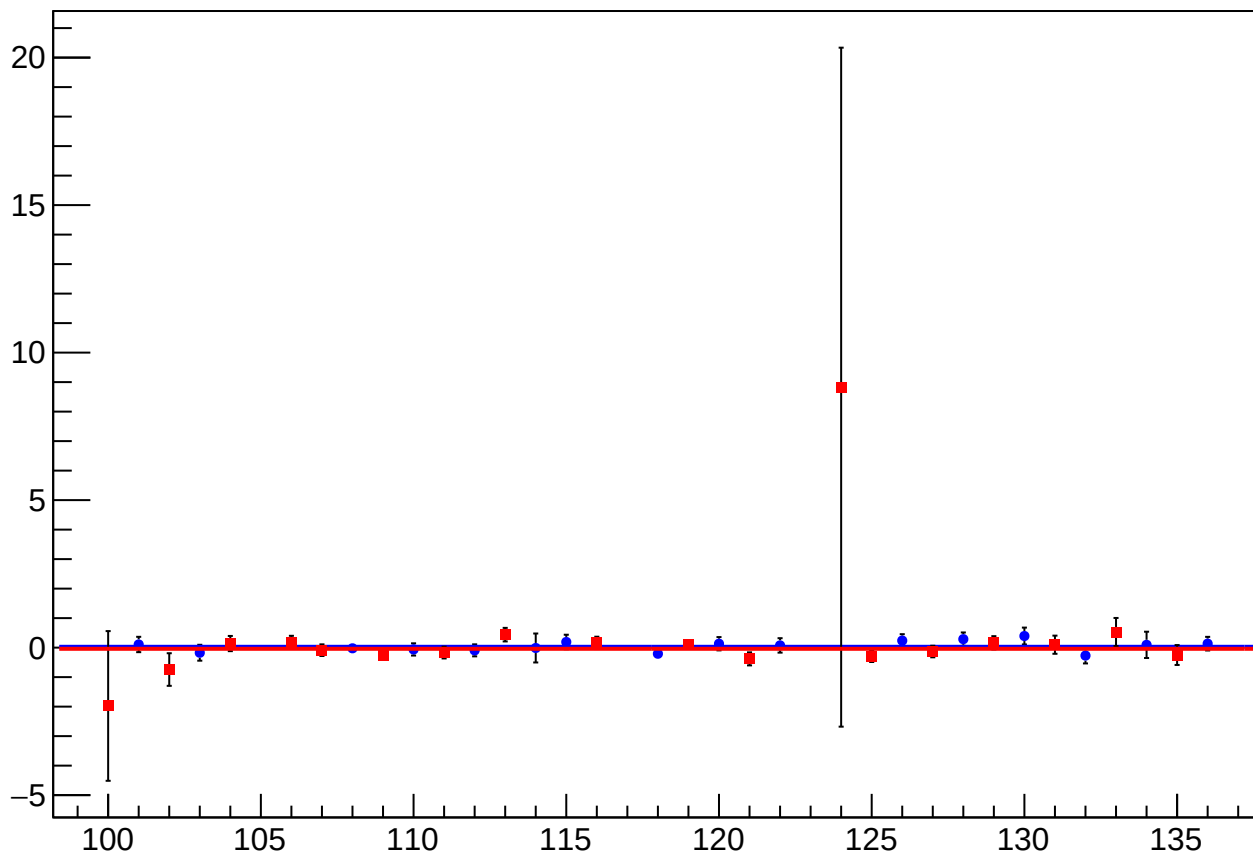
Right: 0.000+/-0.000 χ^2/NDF : 3199966.9/33

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 : 3199966.9/33

asym_atl_dd_atr_dd_avg_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: -0.040 $\pm$ 0.055 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

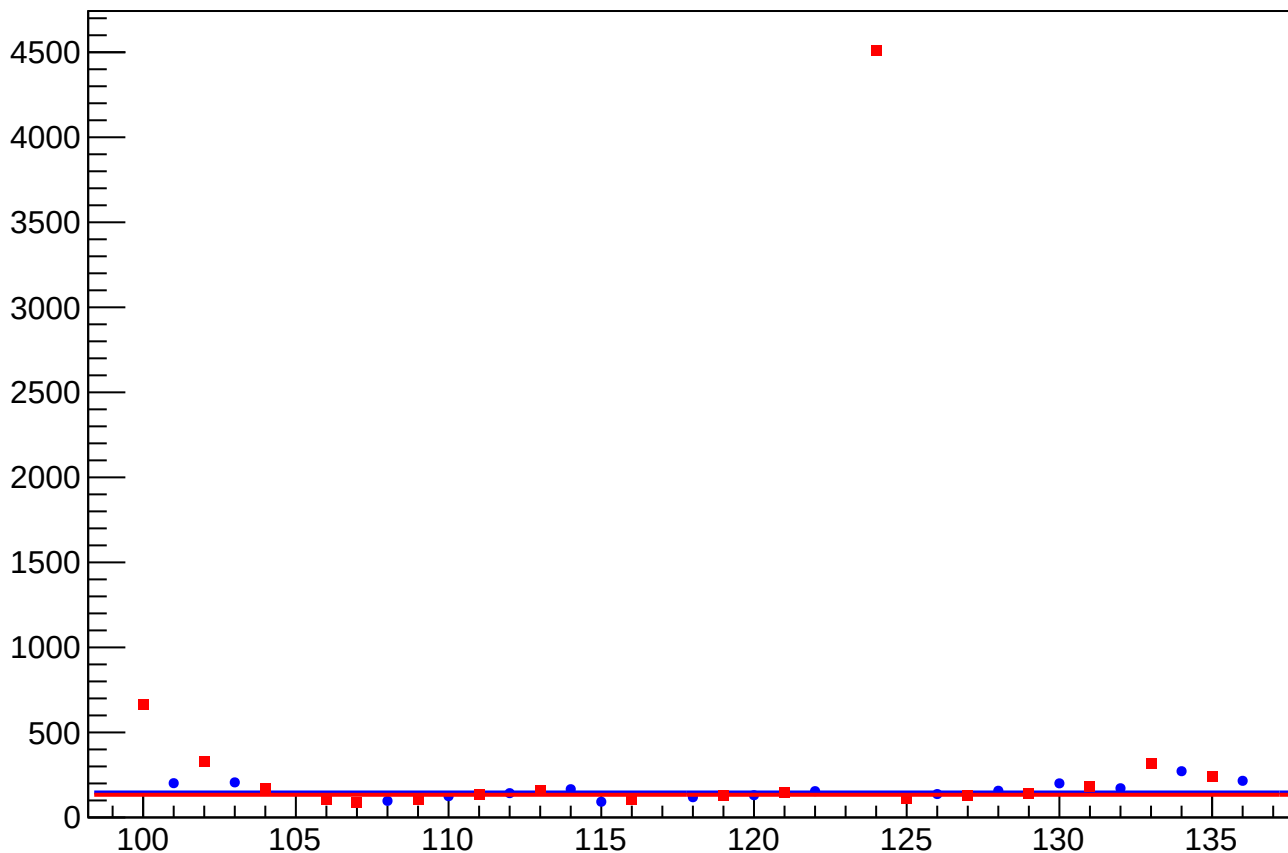
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

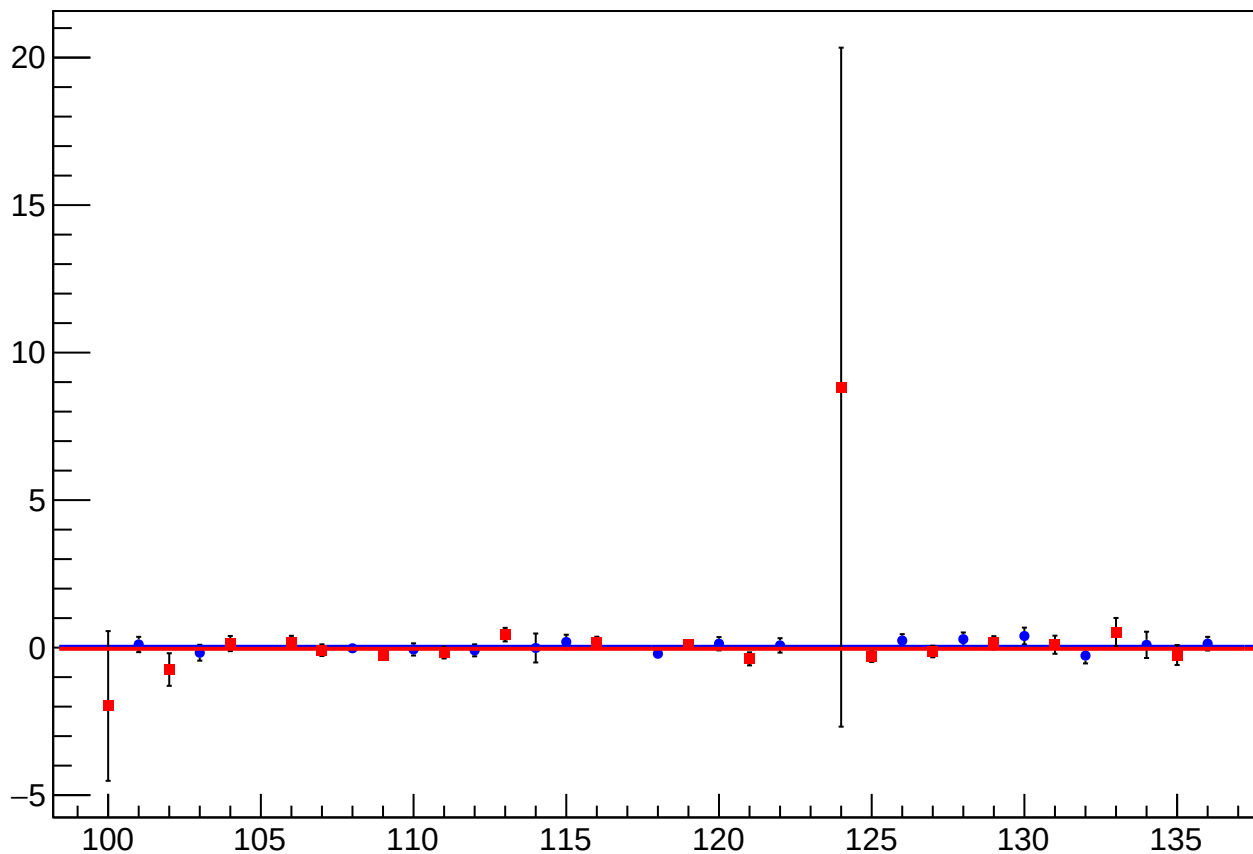
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

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: -0.040 $\pm$ 0.055 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

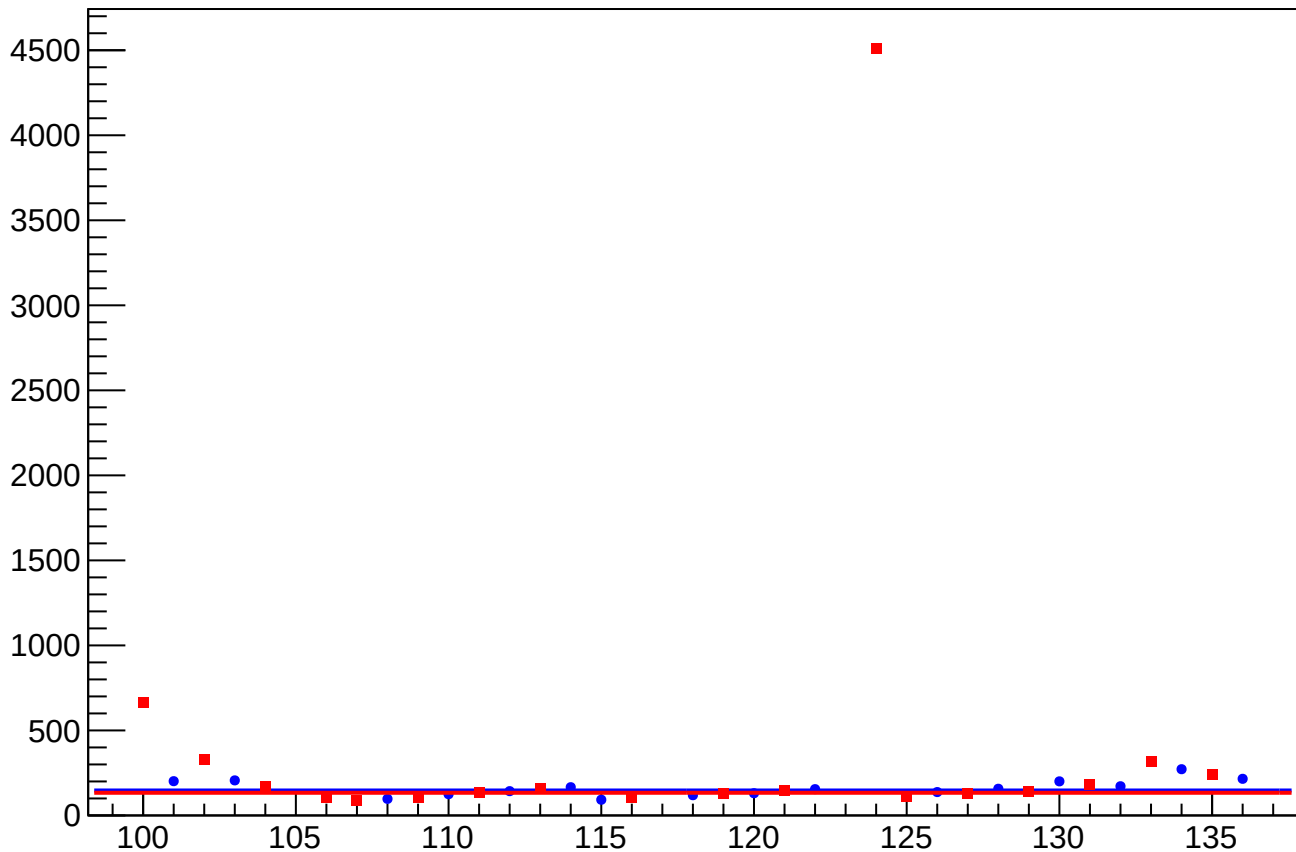
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

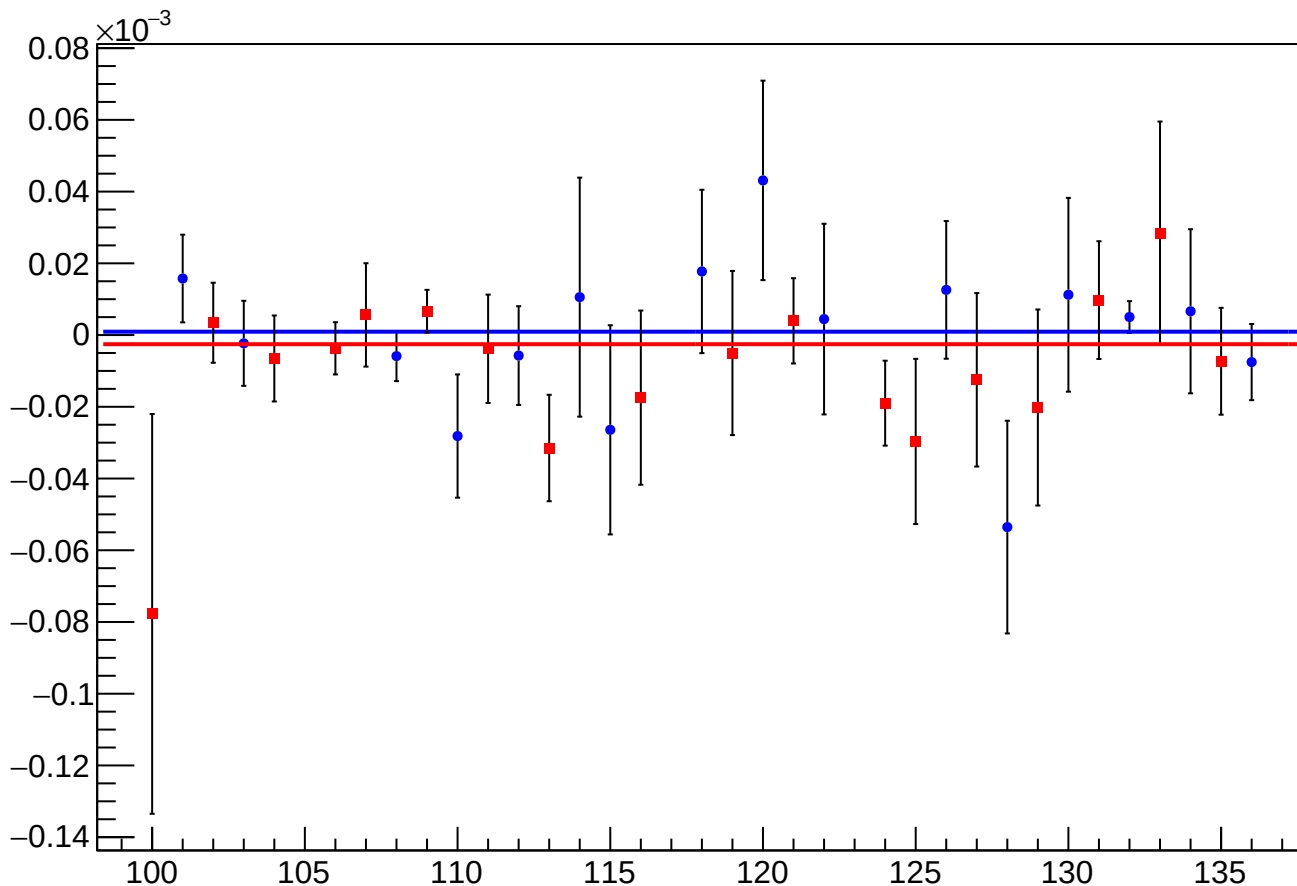
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/15

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/17

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

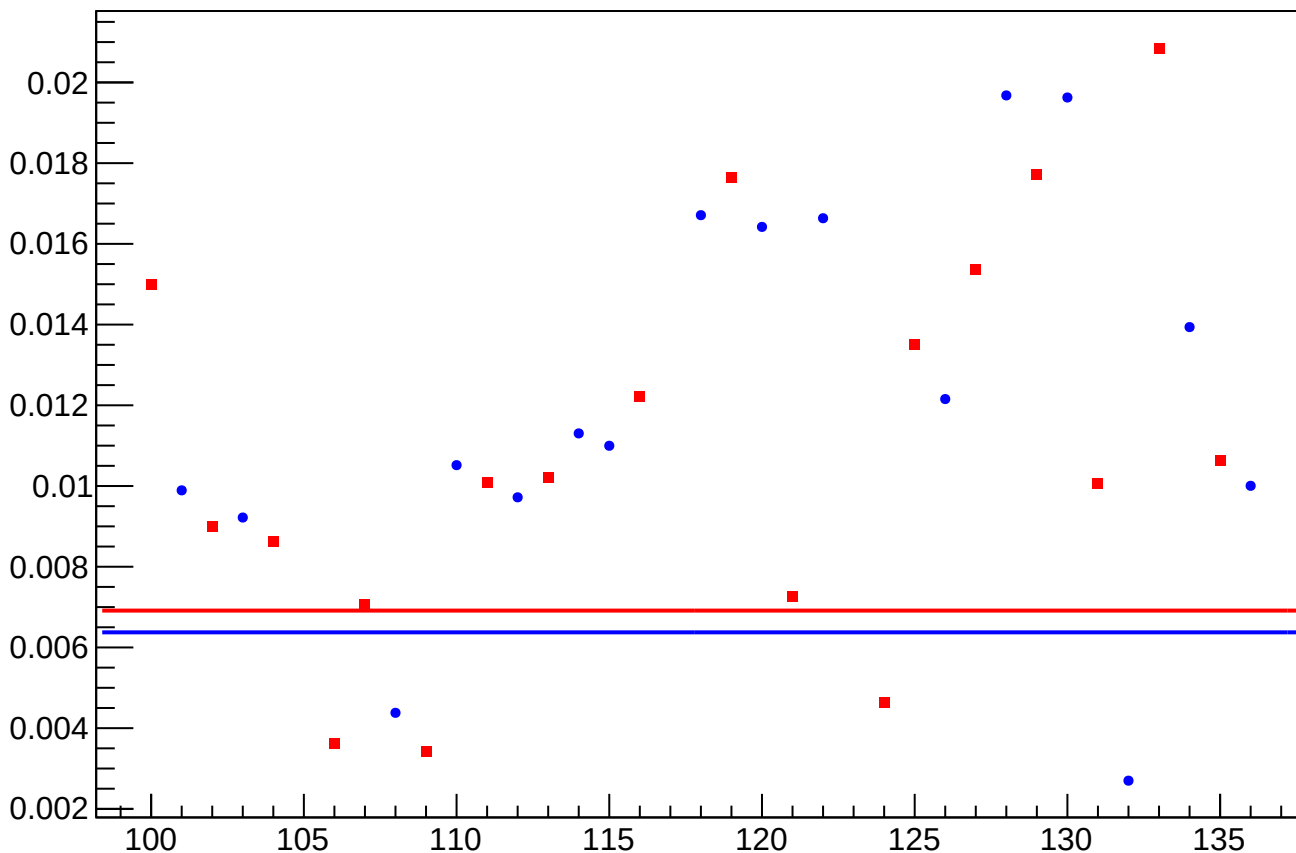
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:14.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/33

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 : 3367113.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

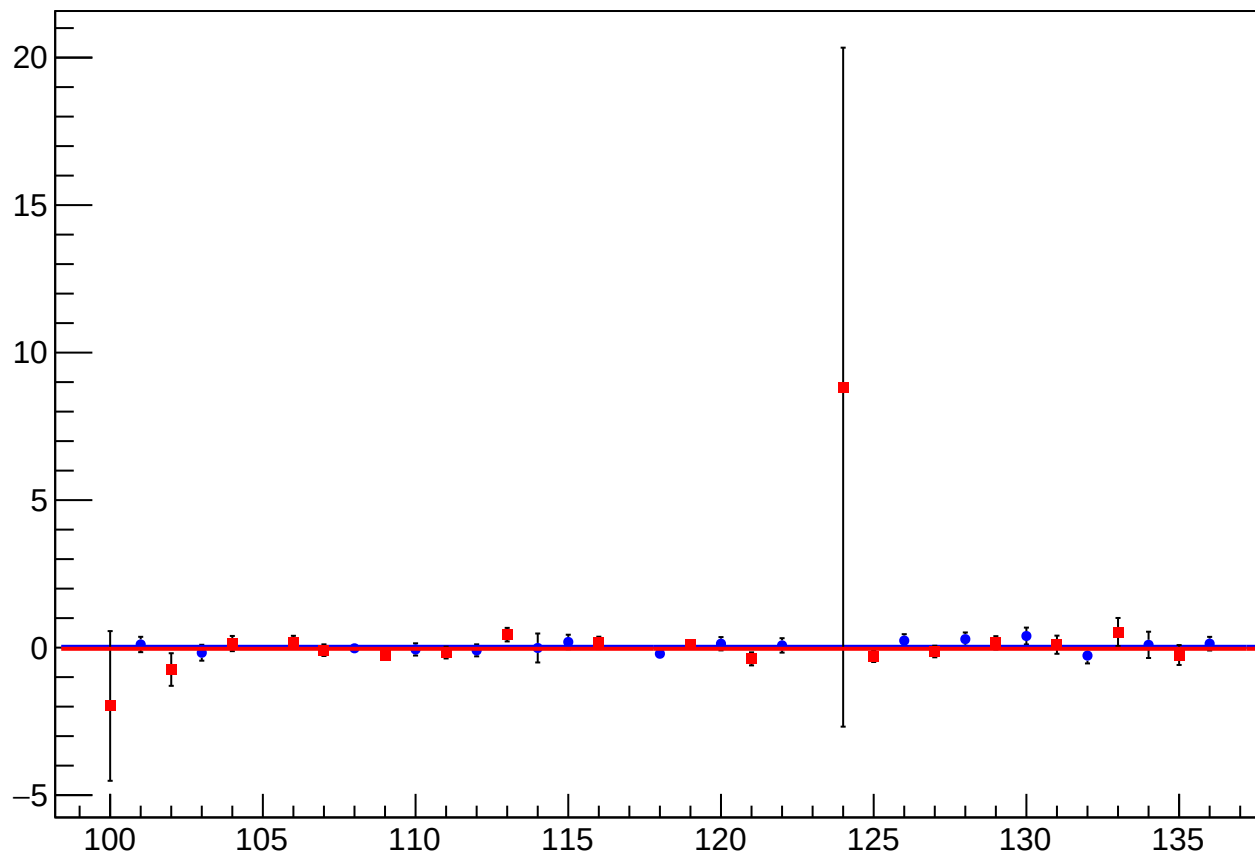
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

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: -0.040+/-0.055 χ^2/NDF : 20.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

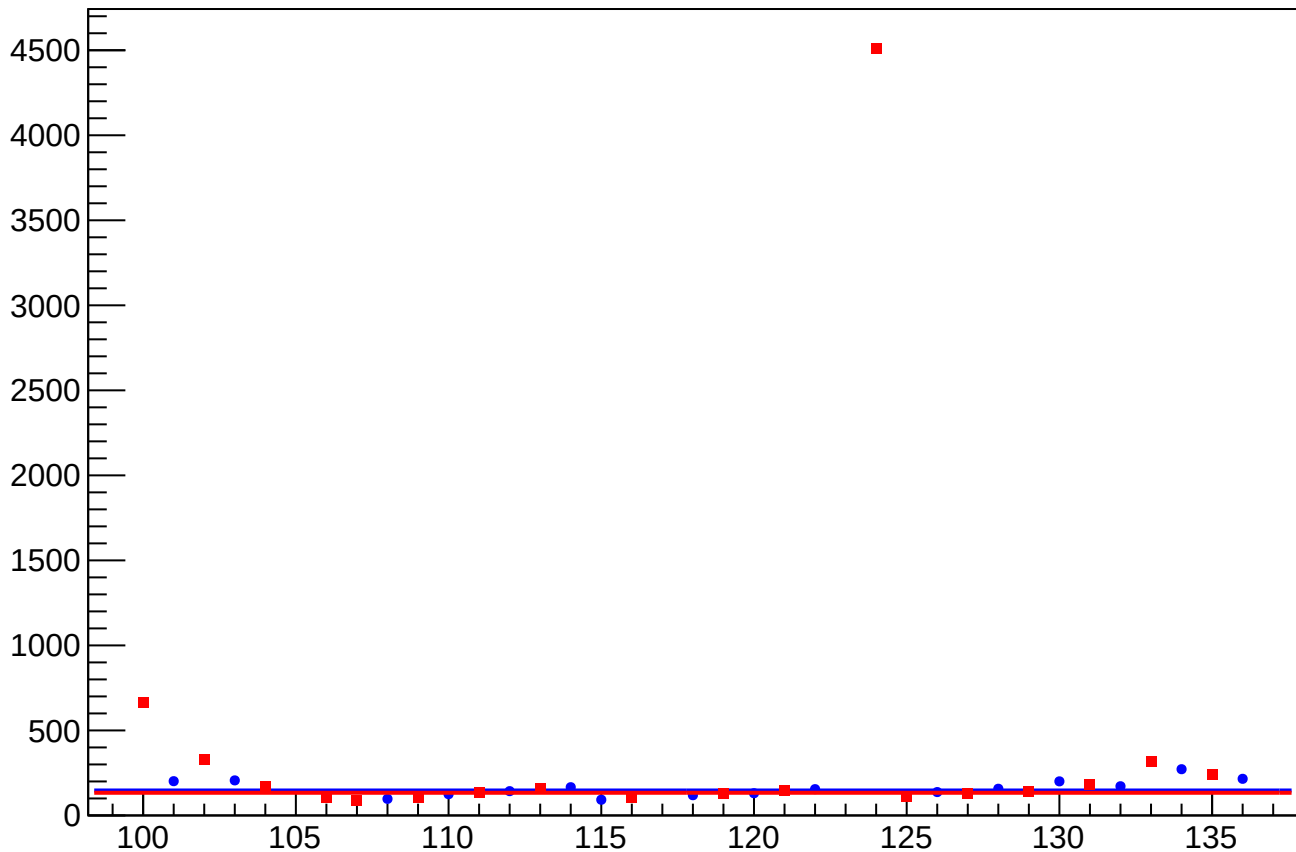
Right: -0.008+/-0.040 χ^2/NDF : 30.2/33

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.040 χ^2/NDF : 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

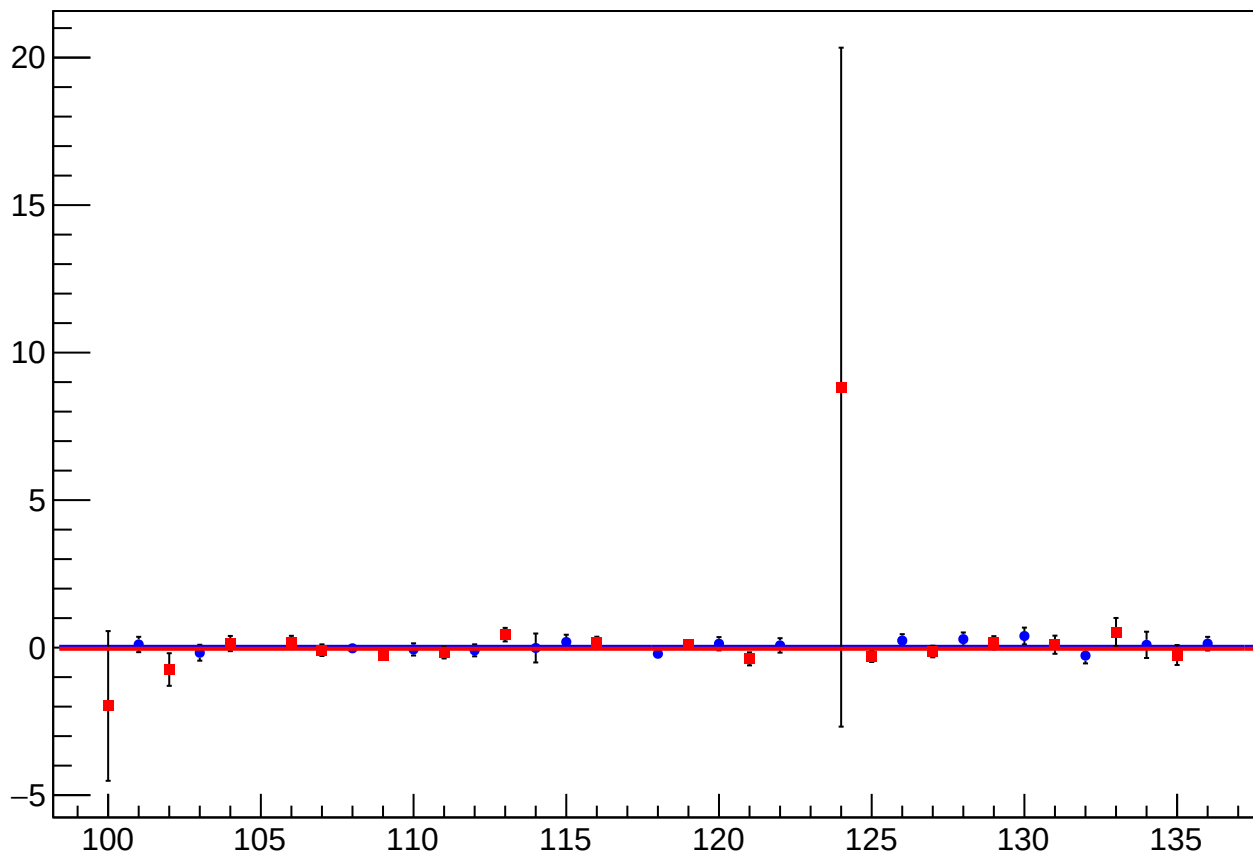
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

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: -0.040 $\pm$ 0.055 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

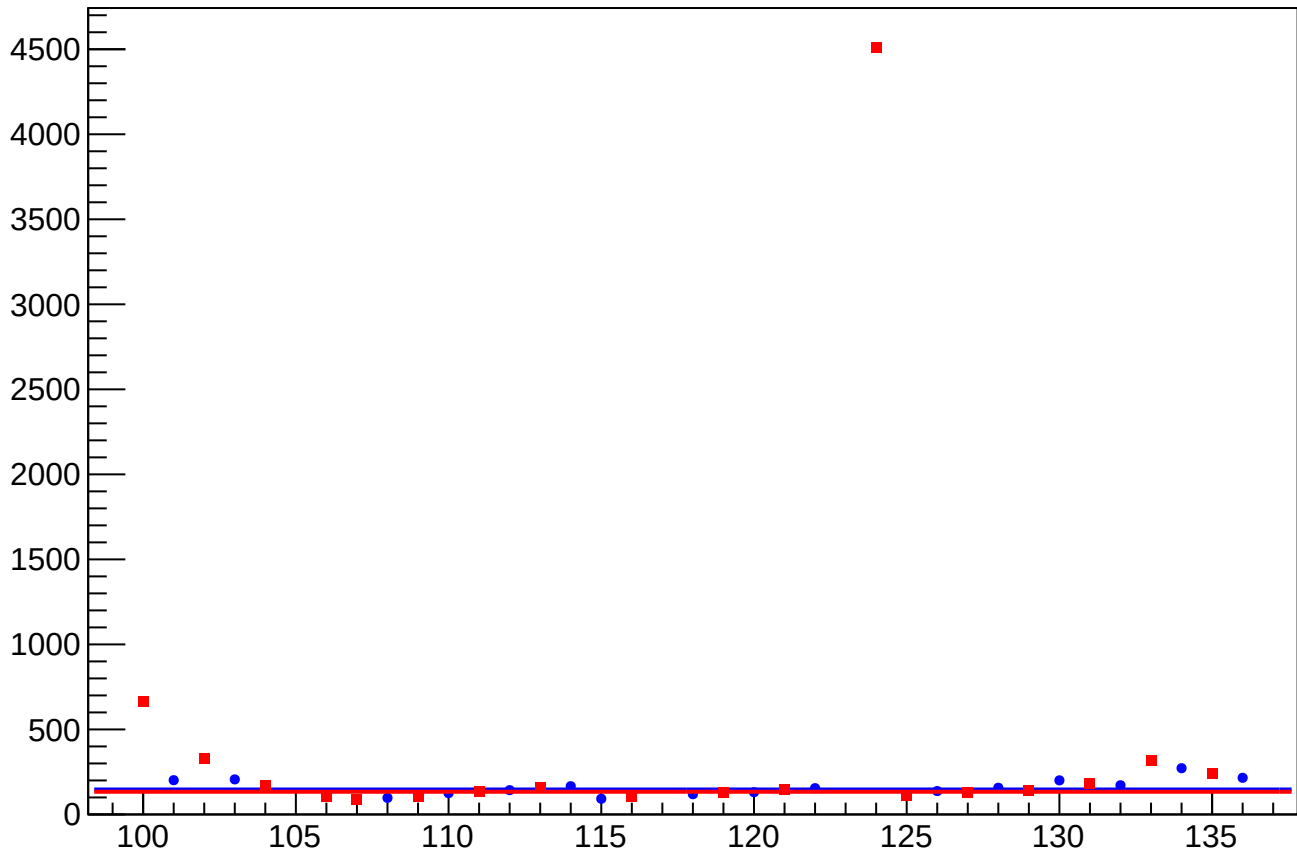
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

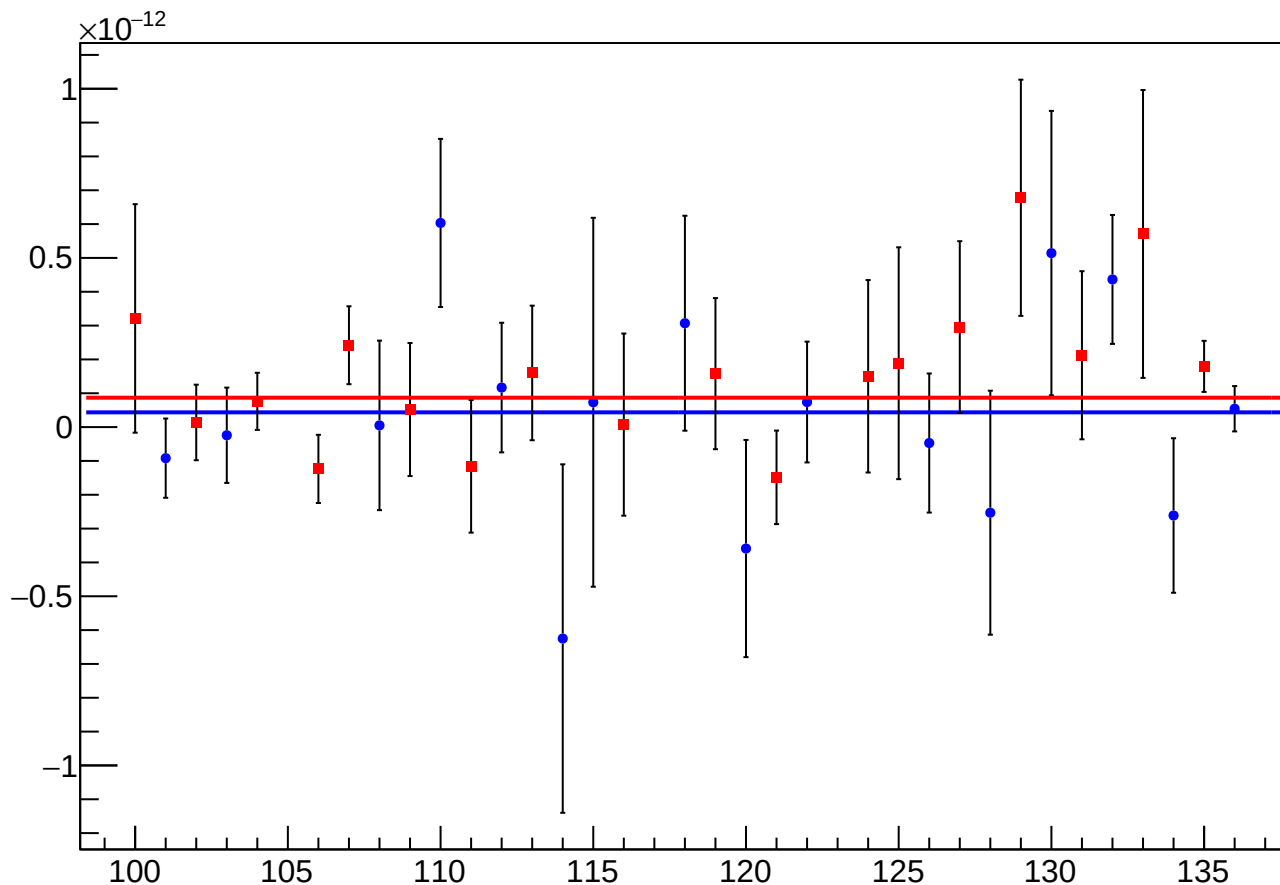
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

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 : 18.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

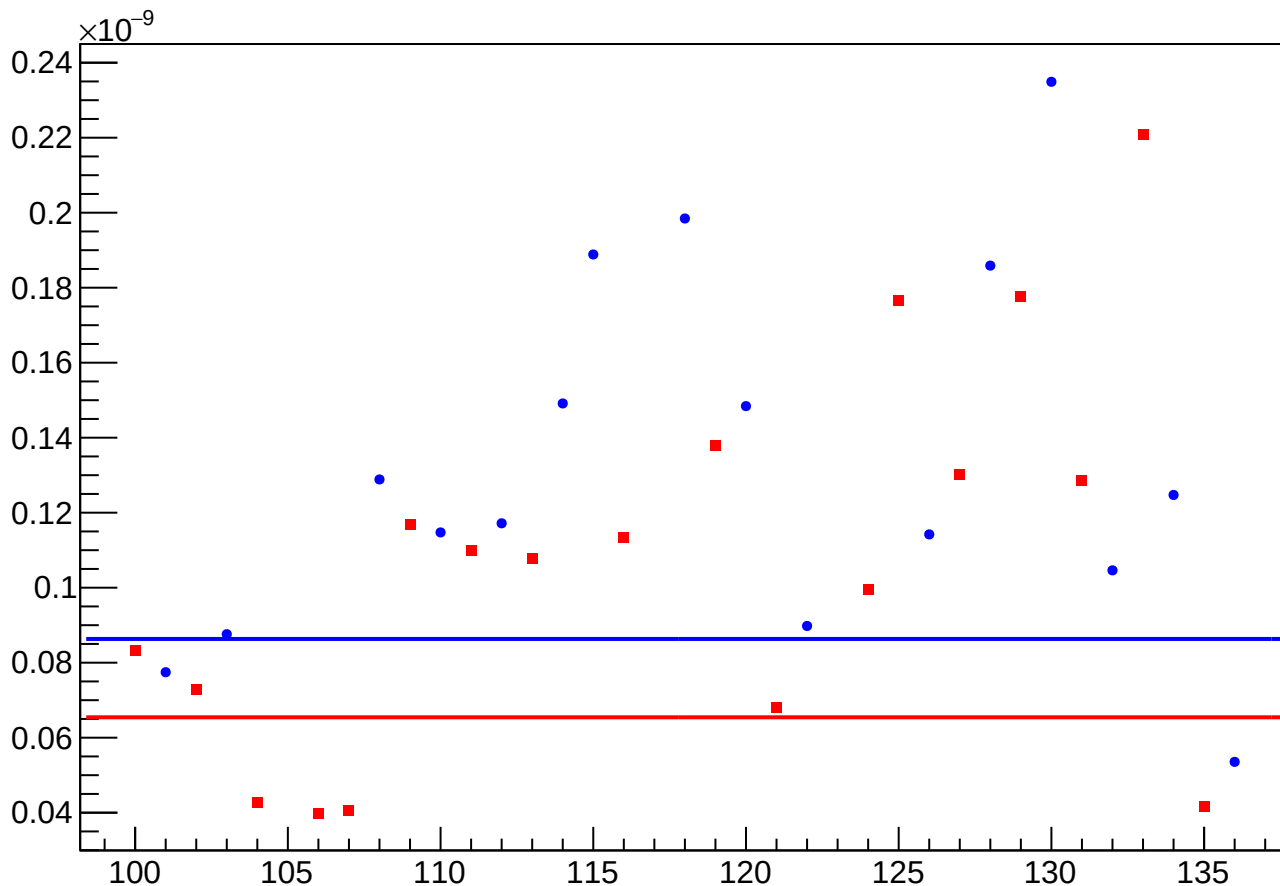
Right: 0.000+/-0.000 χ^2/NDF : 37.8/33

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 : 37.8/33

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 : 2154296.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

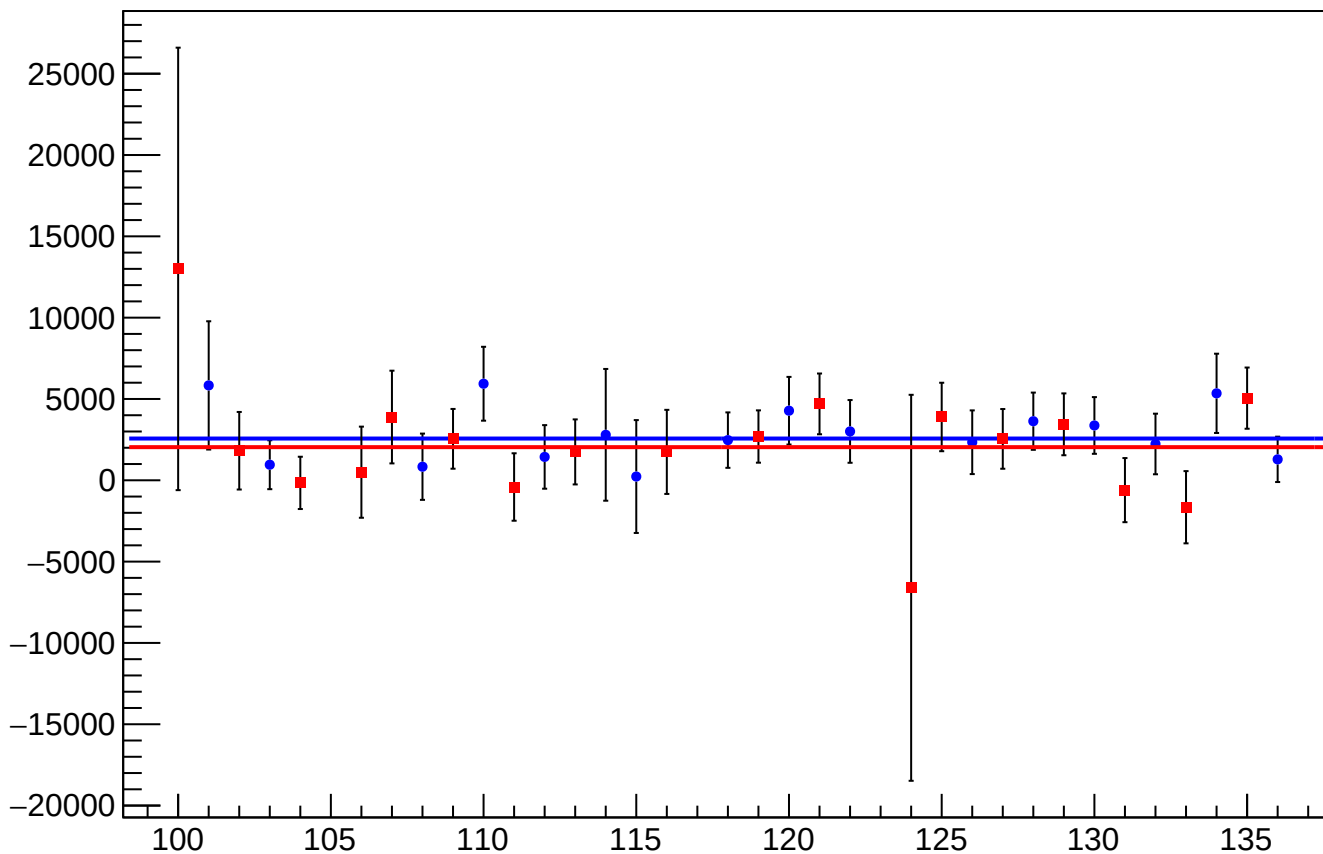
Right: 0.000+/-0.000 χ^2/NDF : 4004985.0/33

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 : 4004985.0/33

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: 2037.523+/-501.950 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

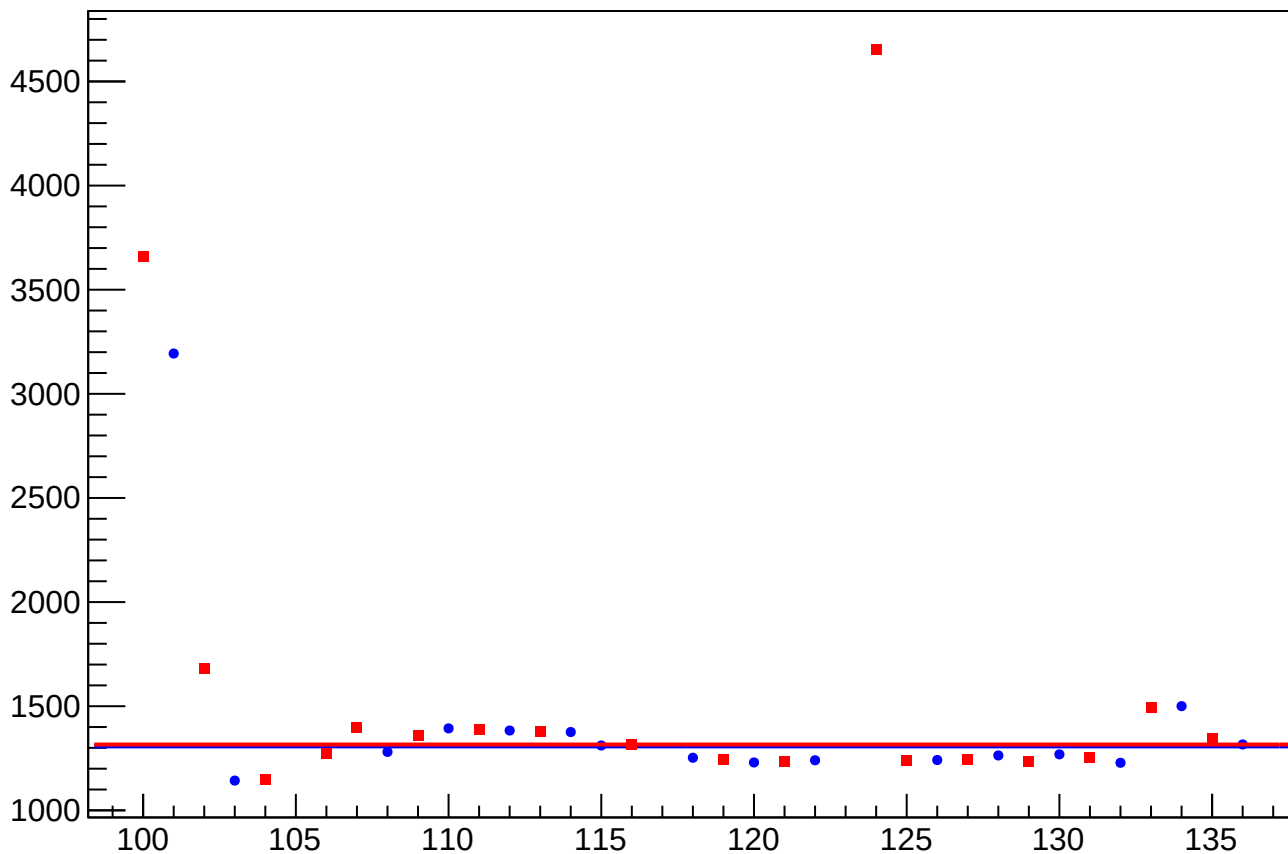
Right: 2305.991+/-352.581 χ^2/NDF : 25.6/33

In: 2567.460+/-495.364 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.991+/-352.581 χ^2/NDF : 25.6/33

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: 1315.979+/-0.354 χ^2/NDF : 326419.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

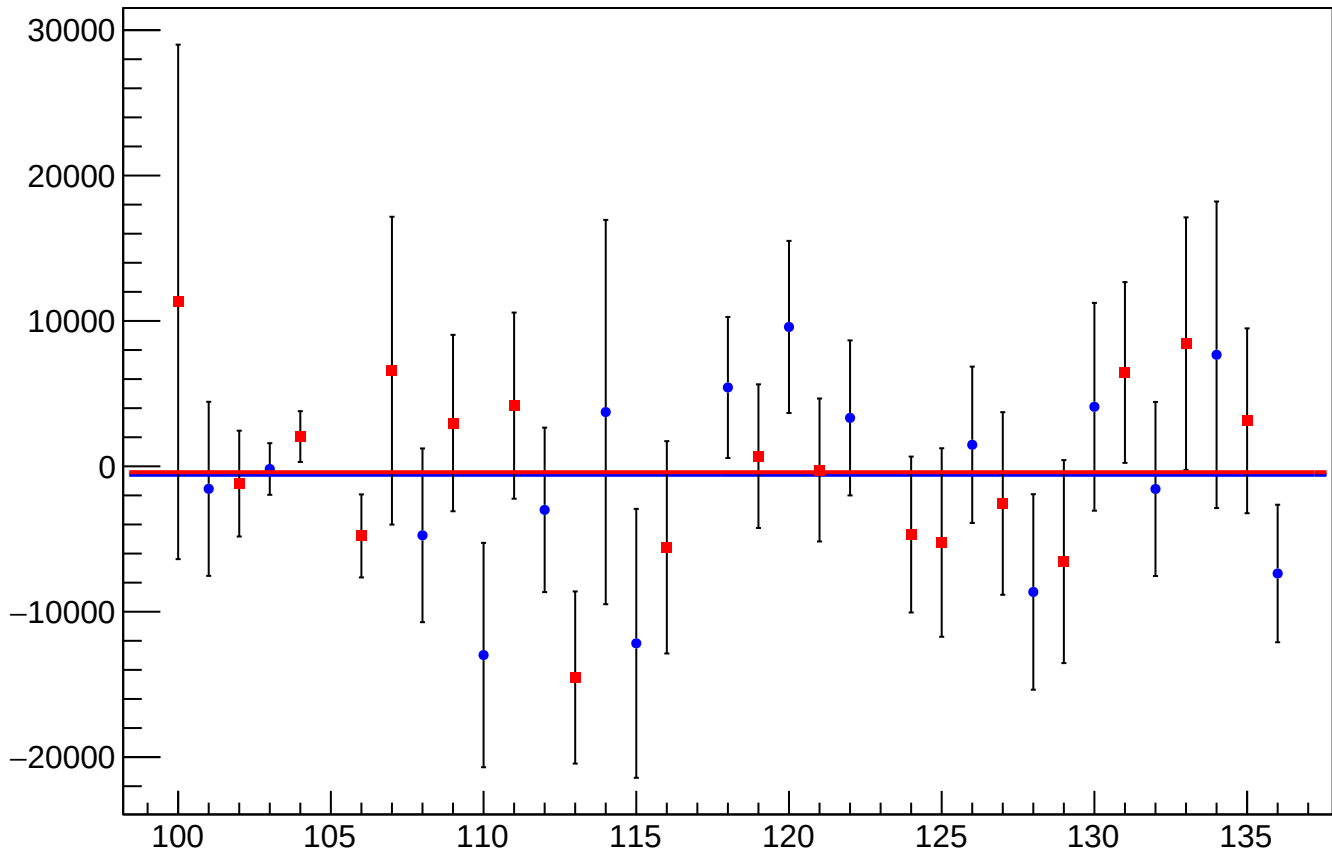
Right: 1311.477+/-0.249 χ^2/NDF : 842989.2/33

In: 1307.068+/-0.350 χ^2/NDF : 516249.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.477+/-0.249 χ^2/NDF : 842989.2/33

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: -403.693+/-1061.340 χ^2/NDF : 17.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

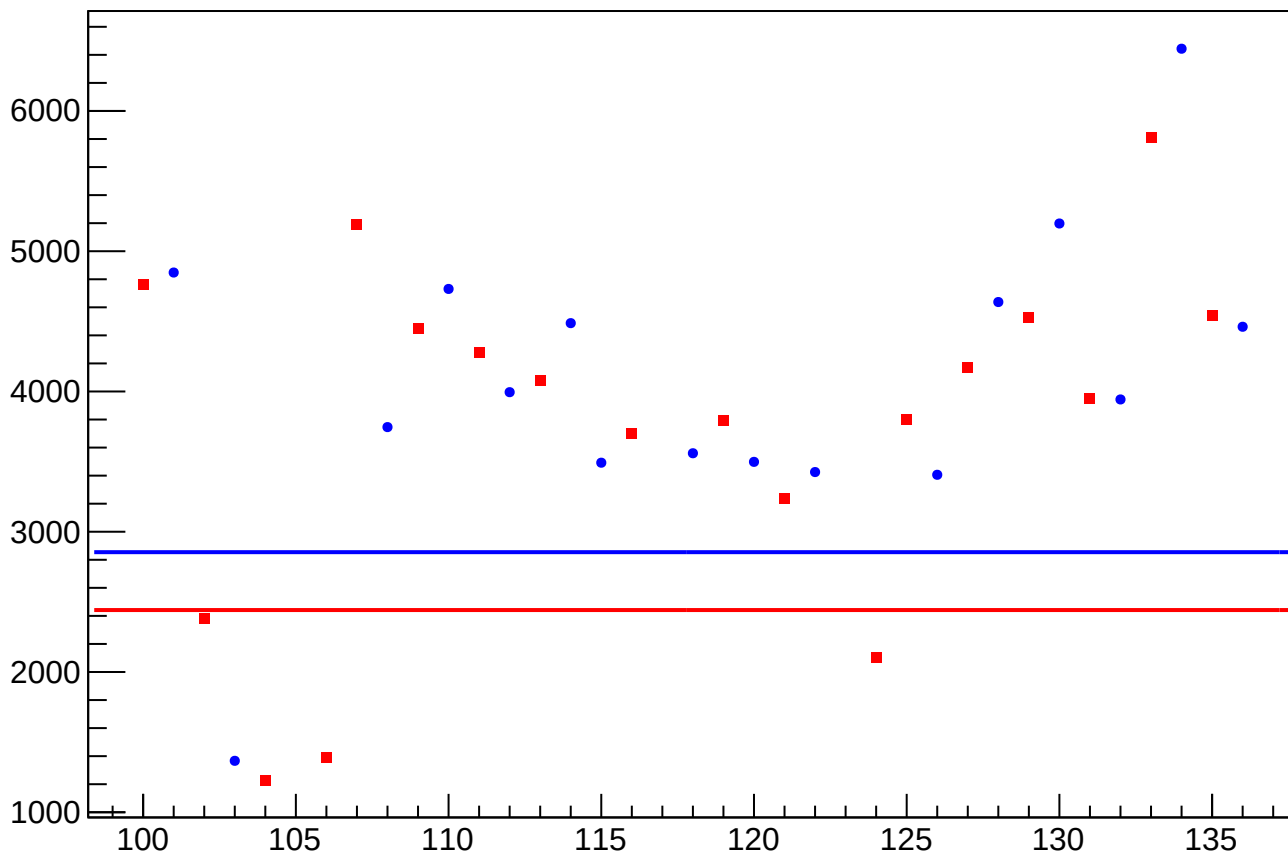
Right: -482.385+/-792.919 χ^2/NDF : 31.7/33

In: -581.790+/-1192.862 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -482.385+/-792.919 χ^2/NDF : 31.7/33

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: 2441.665+/-0.750 χ^2/NDF : 3271853.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

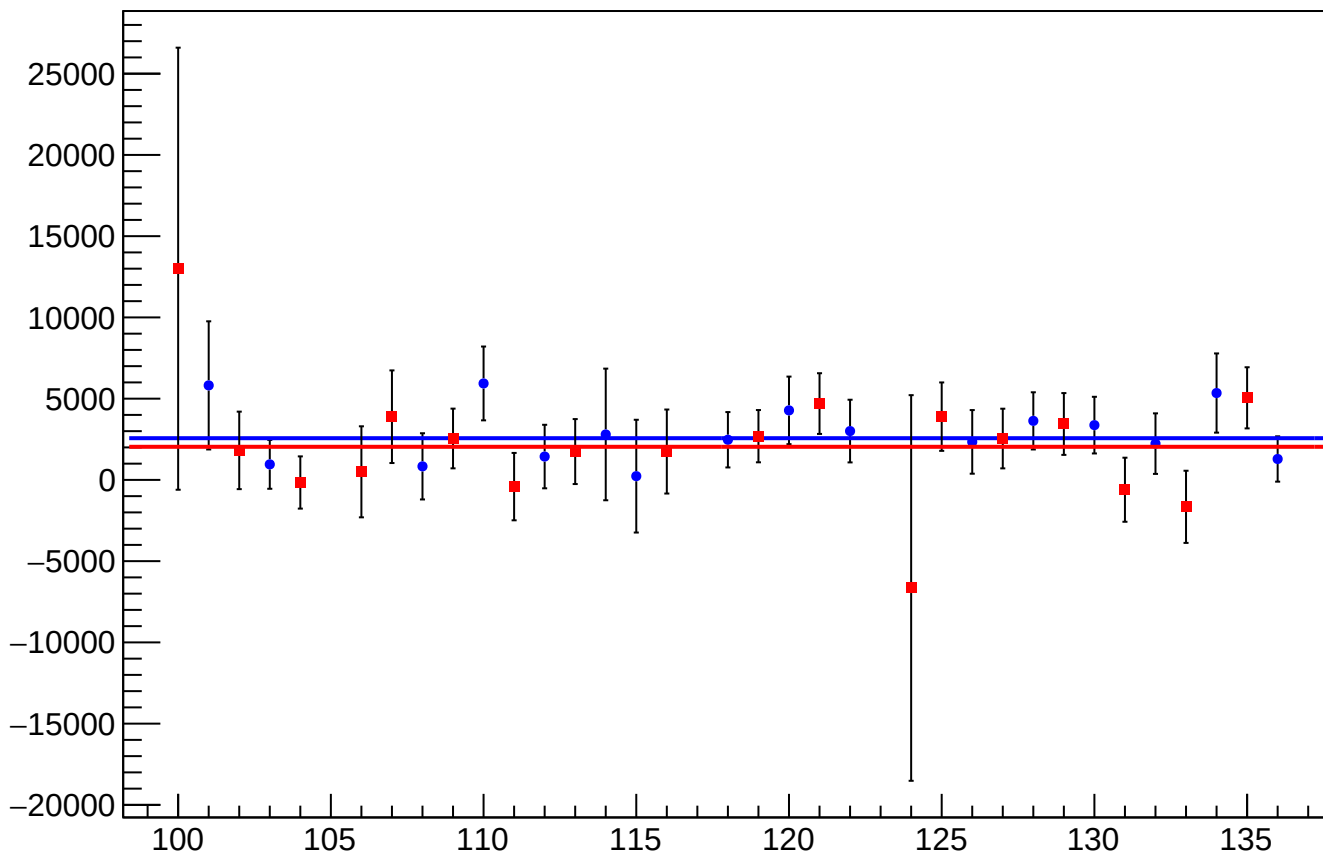
Right: 2623.989+/-0.561 χ^2/NDF : 6310251.9/33

In: 2854.300+/-0.843 χ^2/NDF : 2904822.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2623.989+/-0.561 χ^2/NDF : 6310251.9/33

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: 2037.250+/-501.950 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

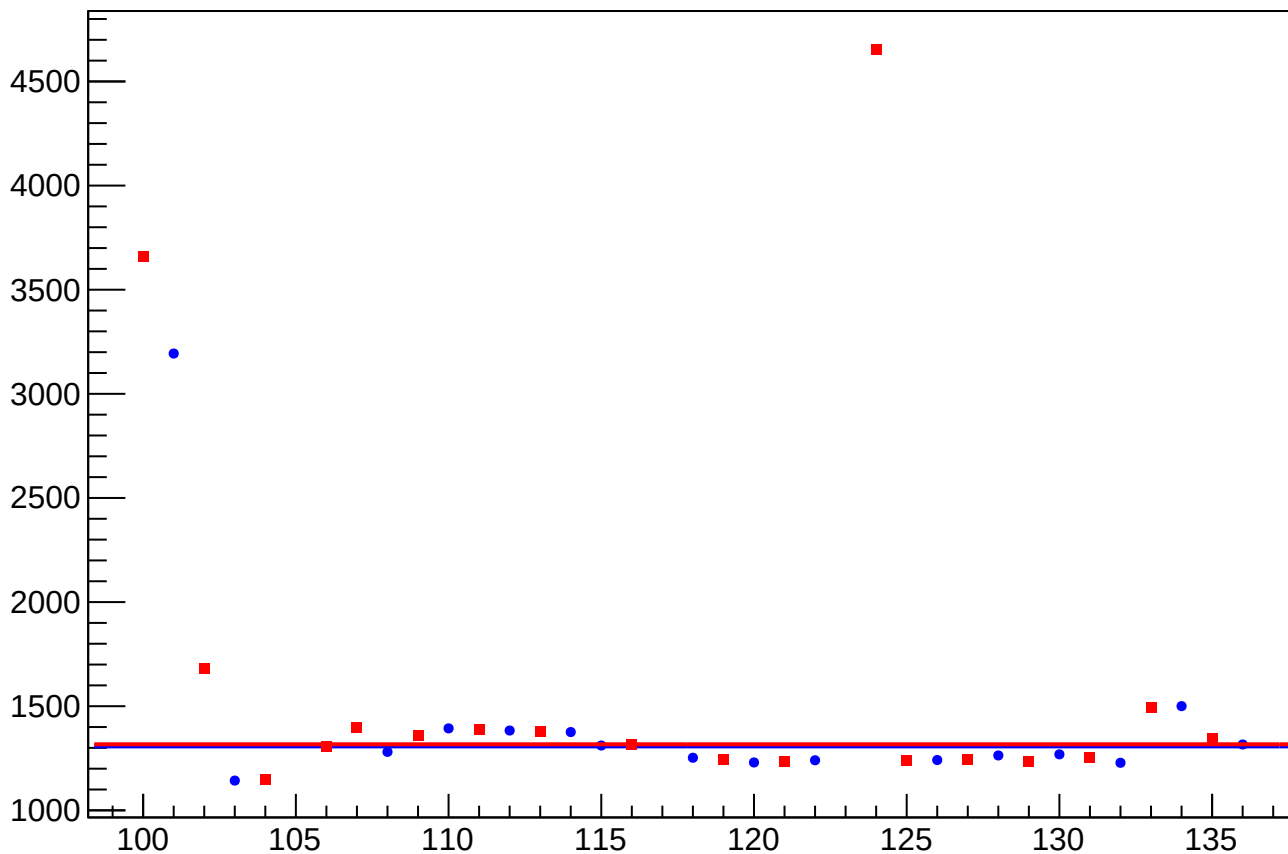
Right: 2305.714+/-352.581 χ^2/NDF : 25.6/33

In: 2567.180+/-495.364 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.714+/-352.581 χ^2/NDF : 25.6/33

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: 1317.142+/-0.354 χ^2/NDF : 325926.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

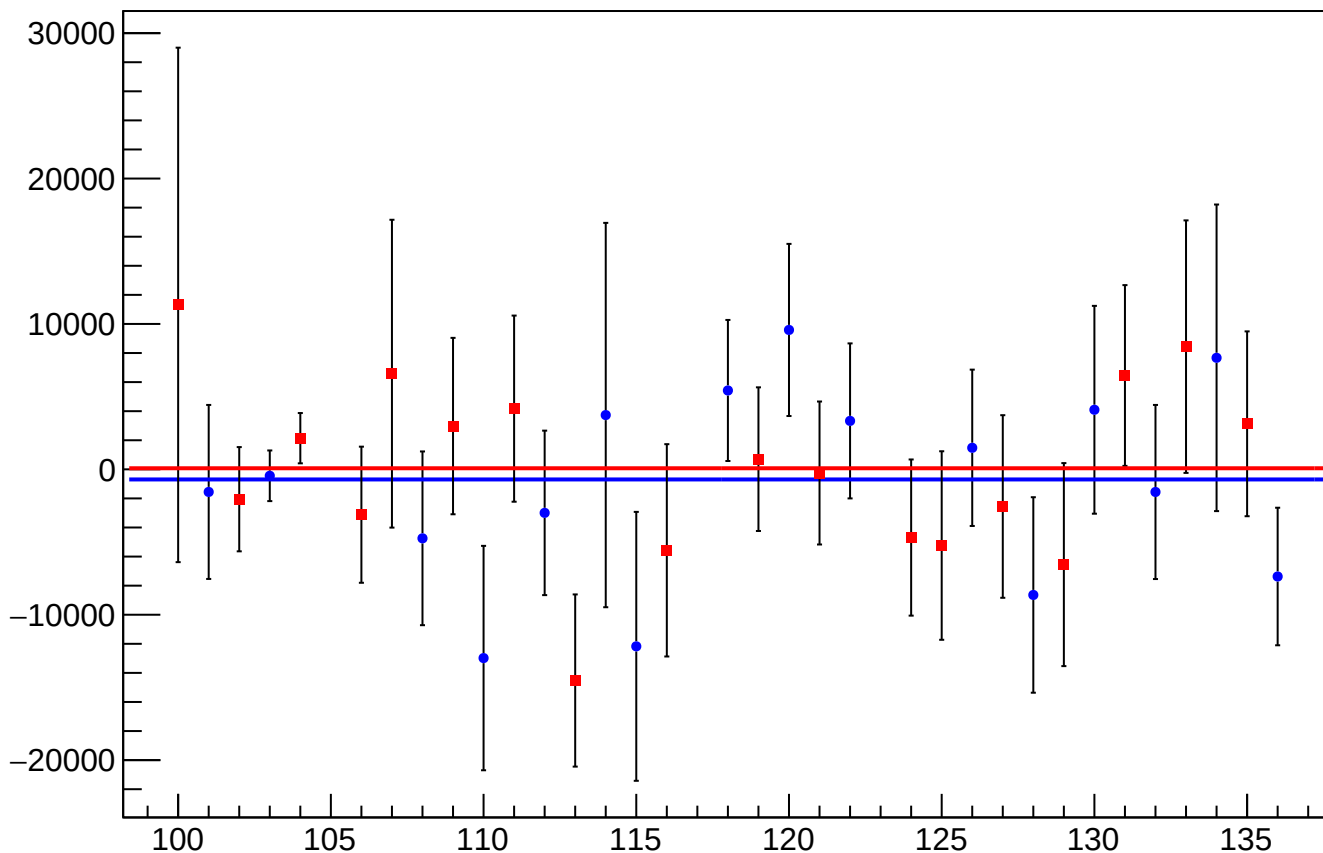
Right: 1312.048+/-0.249 χ^2/NDF : 842586.2/33

In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.048+/-0.249 χ^2/NDF : 842586.2/33

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: 73.990+/-1104.865 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

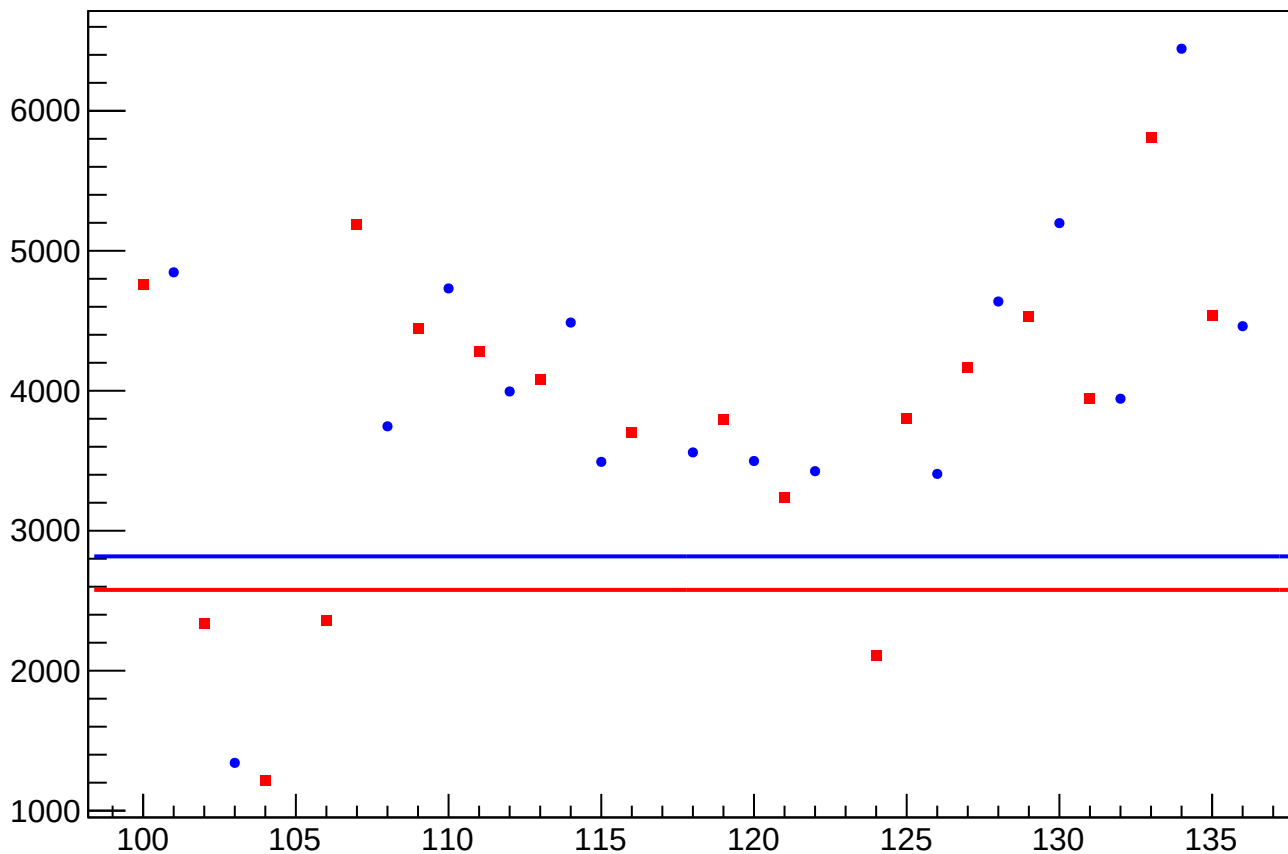
Right: -284.573+/-807.288 χ^2/NDF : 30.0/33

In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.573+/-807.288 χ^2/NDF : 30.0/33

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: 2577.331+/-0.781 χ^2/NDF : 3007428.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

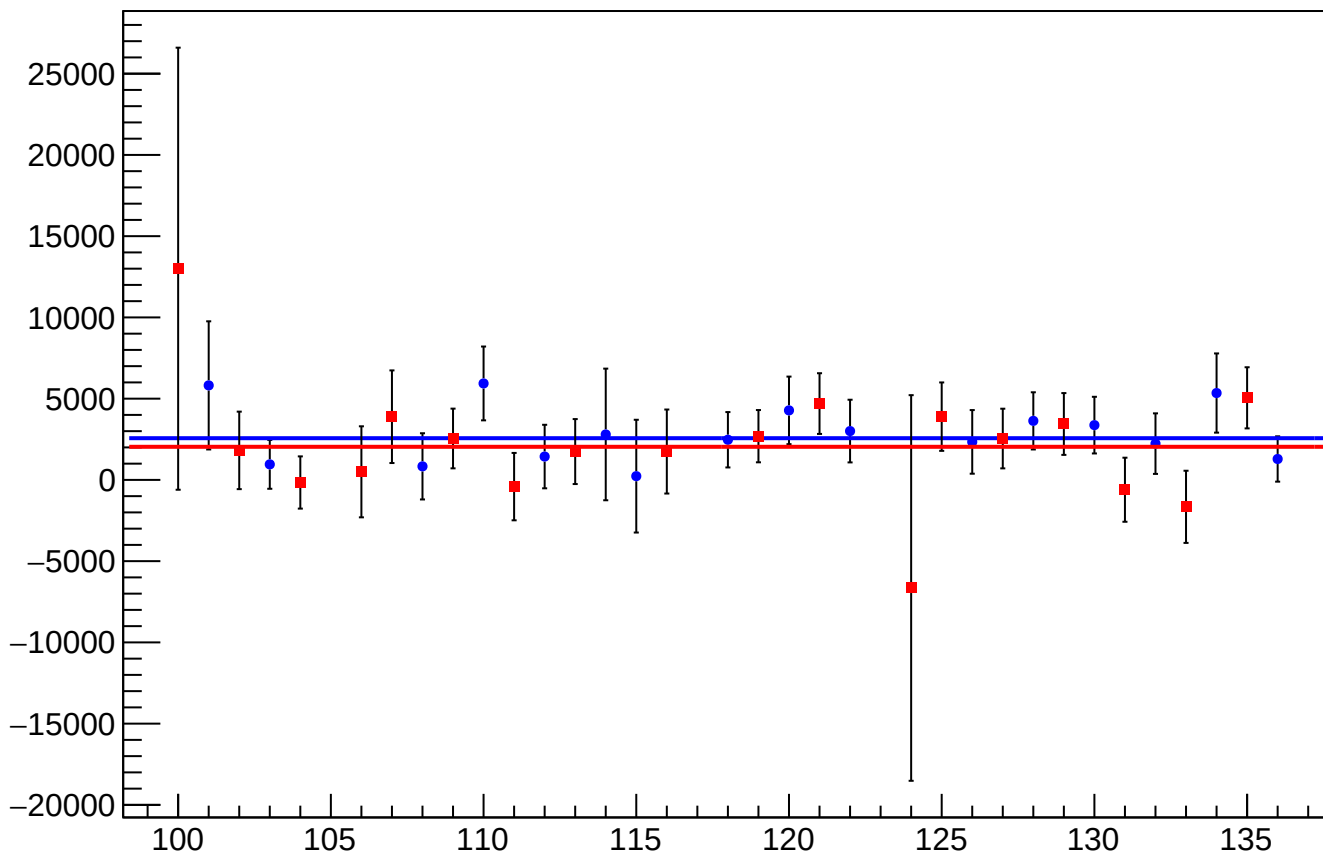
Right: 2688.946+/-0.571 χ^2/NDF : 6058786.4/33

In: 2816.784+/-0.836 χ^2/NDF :3007570.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2688.946+/-0.571 χ^2/NDF : 6058786.4/33

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: 2037.250+/-501.950 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

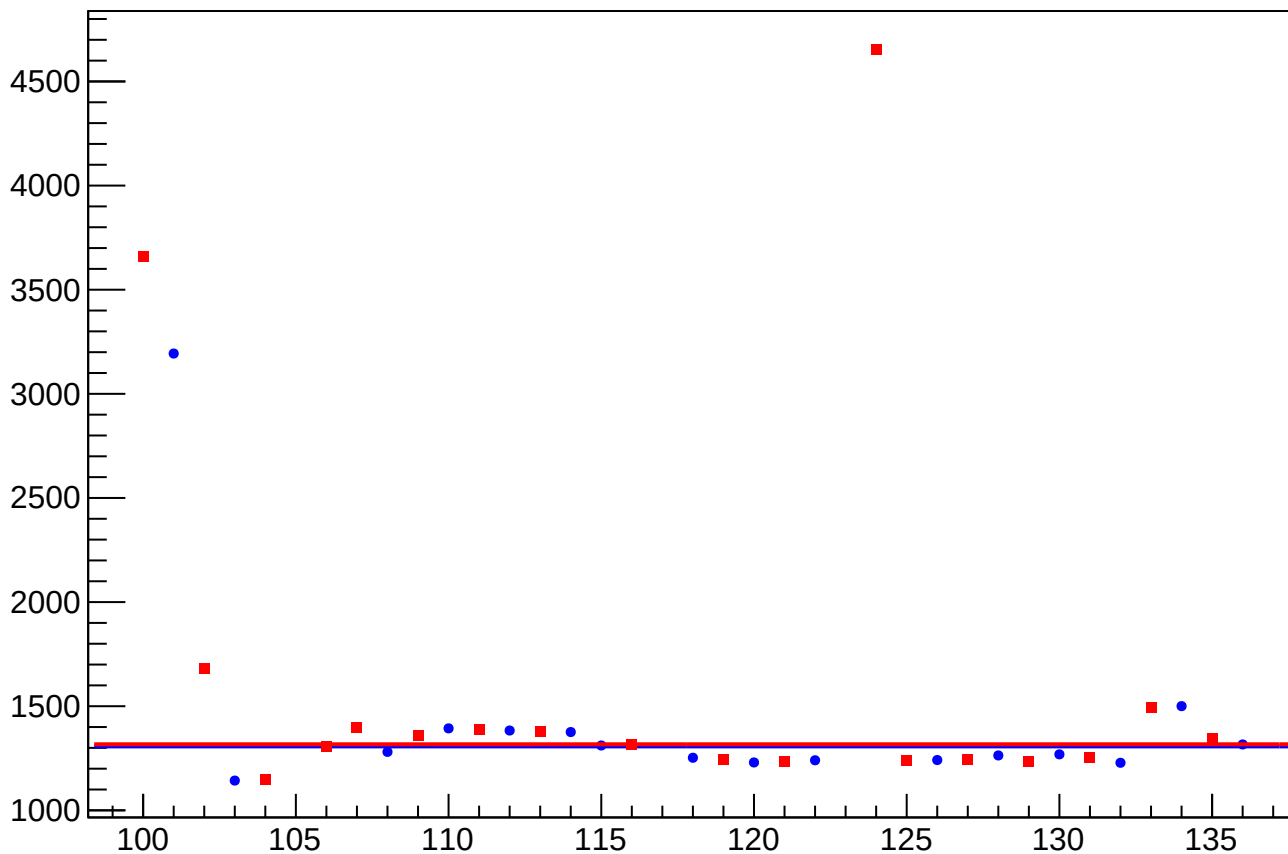
Right: 2305.714+/-352.581 χ^2/NDF : 25.6/33

In: 2567.180+/-495.364 χ^2/NDF : 9.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2305.714+/-352.581 χ^2/NDF : 25.6/33

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: 1317.142+/-0.354 χ^2/NDF : 325926.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

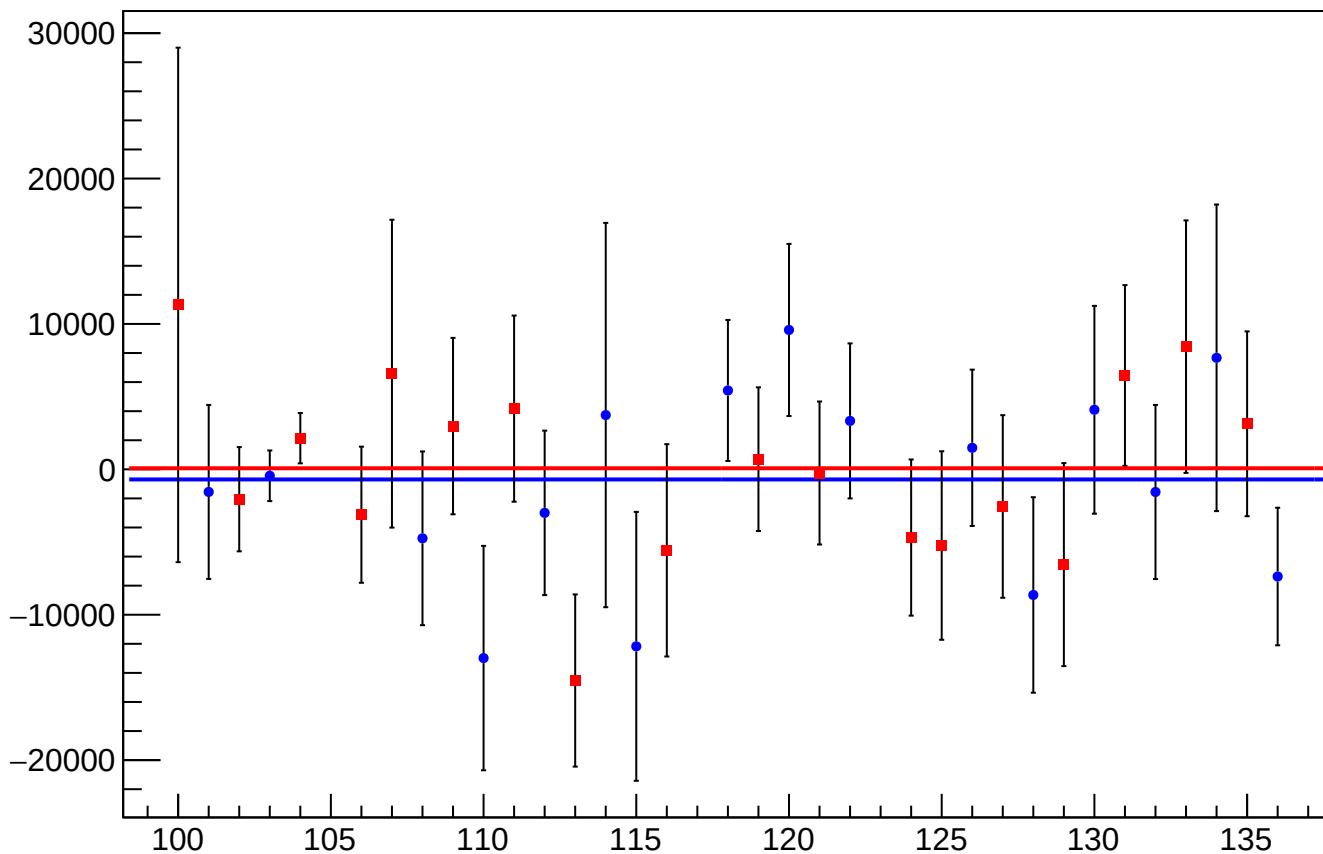
Right: 1312.048+/-0.249 χ^2/NDF : 842586.2/33

In: 1307.068+/-0.350 χ^2/NDF : 516250.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1312.048+/-0.249 χ^2/NDF : 842586.2/33

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: 73.990+/-1104.865 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

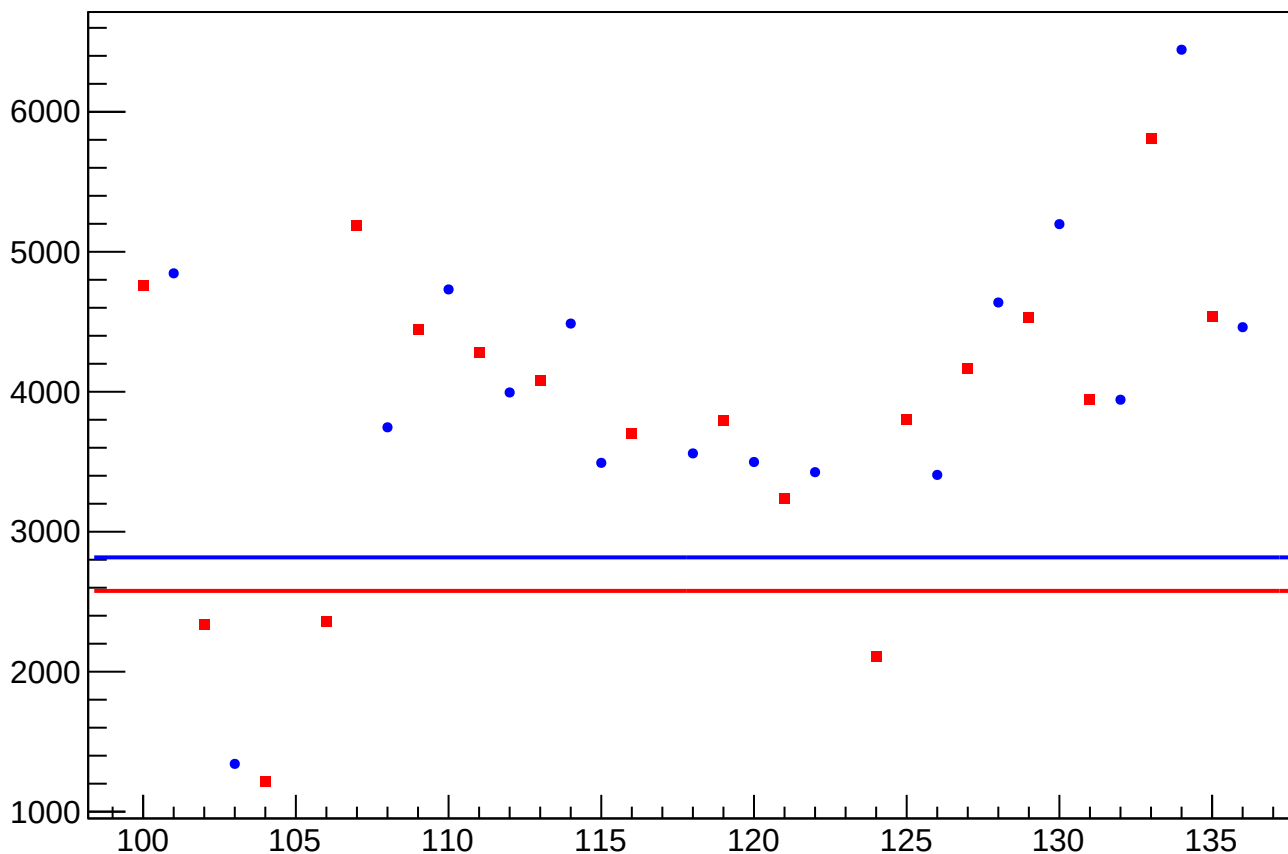
Right: -284.573+/-807.288 χ^2/NDF : 30.0/33

In: -695.249+/-1182.433 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.573+/-807.288 χ^2/NDF : 30.0/33

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: 2577.331+/-0.781 χ^2/NDF : 3007428.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

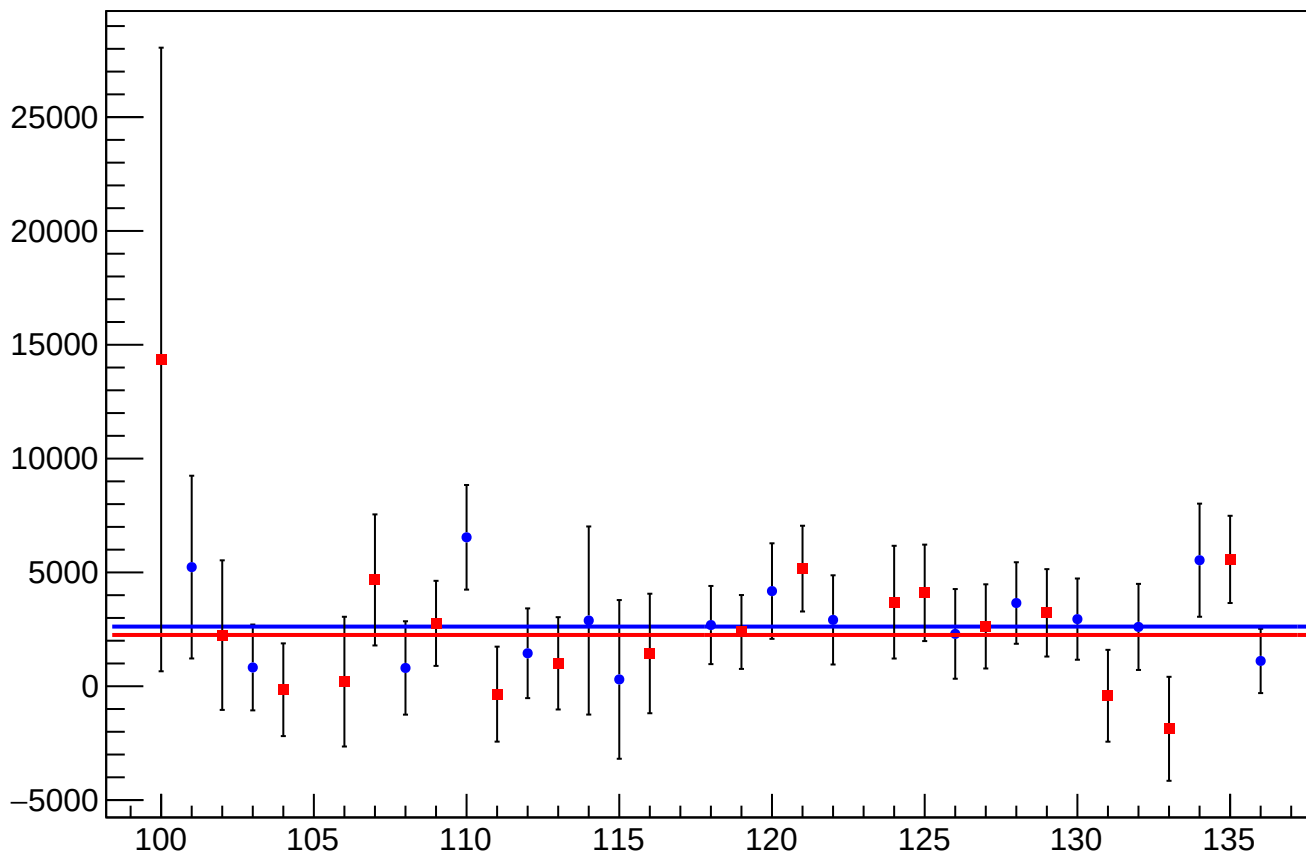
Right: 2688.946+/-0.571 χ^2/NDF : 6058786.4/33

In: 2816.784+/-0.836 χ^2/NDF :3007570.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2688.946+/-0.571 χ^2/NDF : 6058786.4/33

dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2620.535+/-511.510 χ^2/NDF : 9.3/15

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

Right Out: 2252.640+/-512.413 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

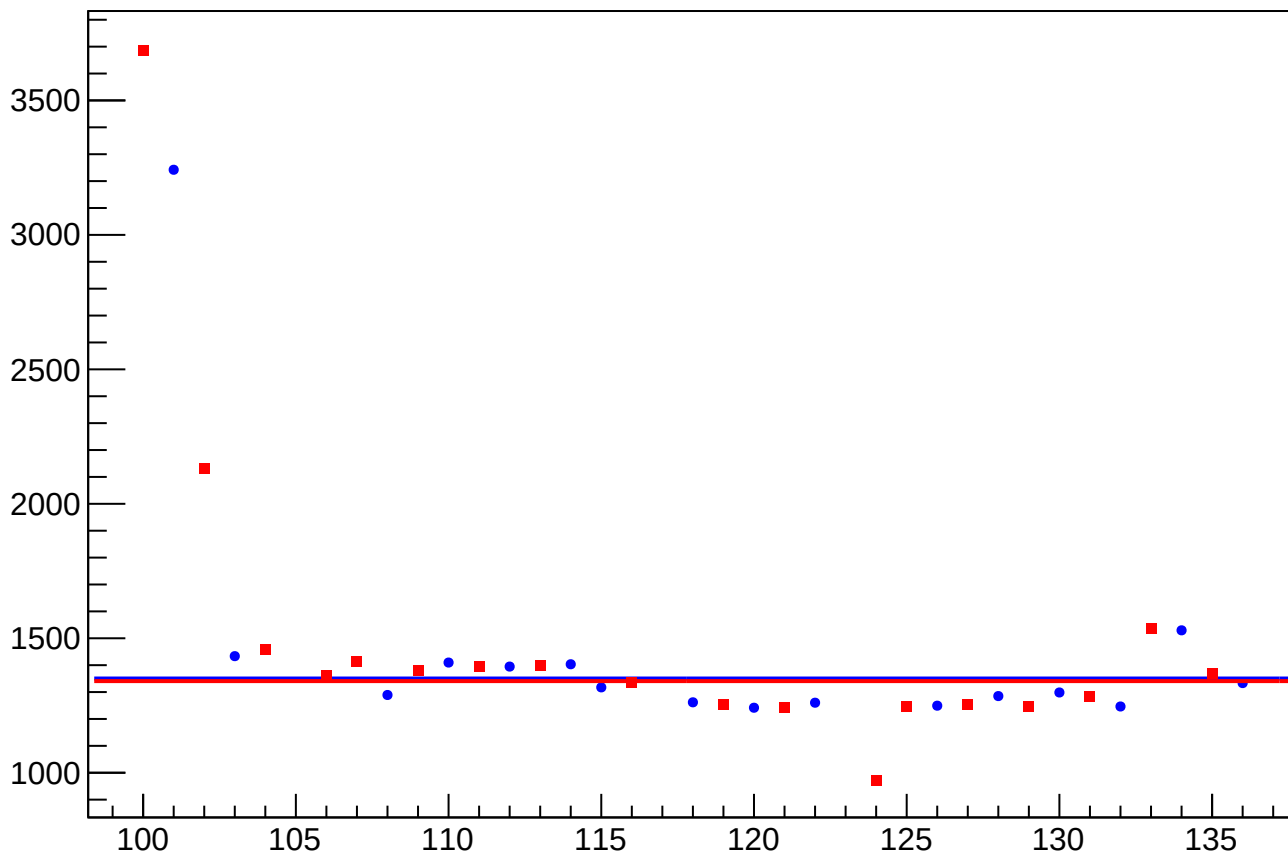
Right: 2436.912+/-362.011 χ^2/NDF : 26.9/33

In: 2620.535+/-511.510 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2436.912+/-362.011 χ^2/NDF : 26.9/33

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: 1340.755+/-0.362 χ^2/NDF : 272155.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

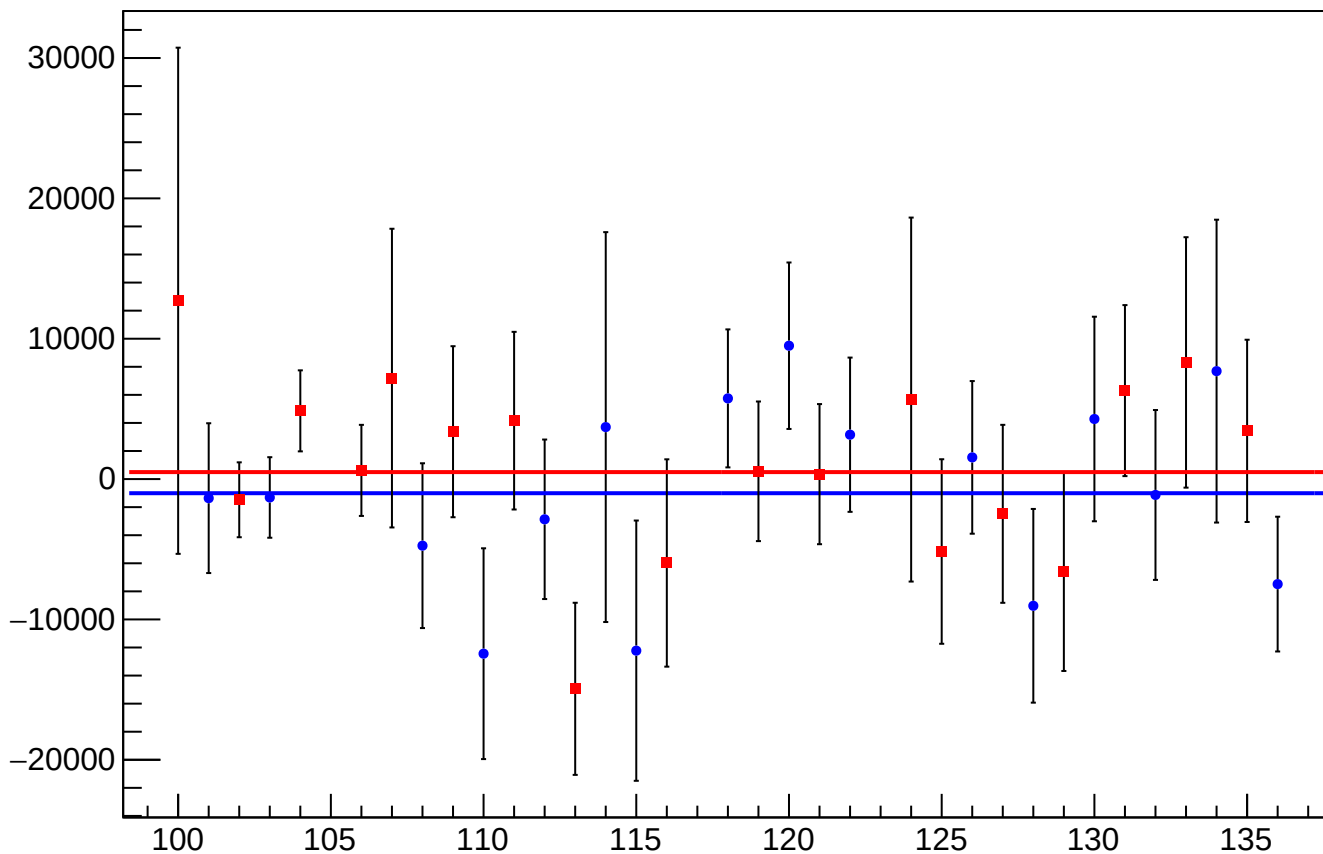
Right: 1345.568+/-0.256 χ^2/NDF : 766559.6/33

In: 1350.369+/-0.362 χ^2/NDF : 494051.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.568+/-0.256 χ^2/NDF : 766559.6/33

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: 497.198+/-1210.988 χ^2/NDF : 15.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

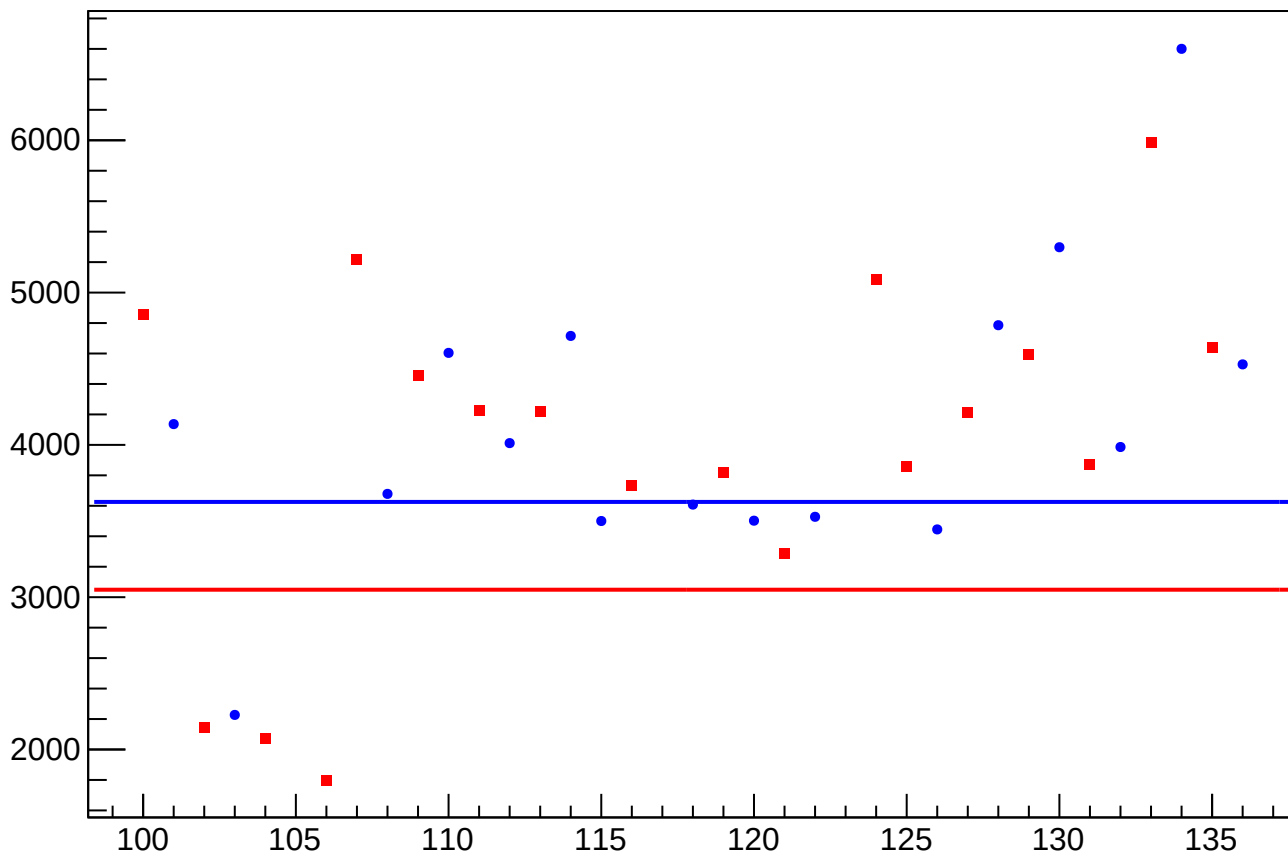
Right: -144.132+/-917.134 χ^2/NDF : 30.6/33

In: -1006.752+/-1404.458 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.132+/-917.134 χ^2/NDF : 30.6/33

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: 3049.092+/-0.856 χ^2/NDF : 1794165.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

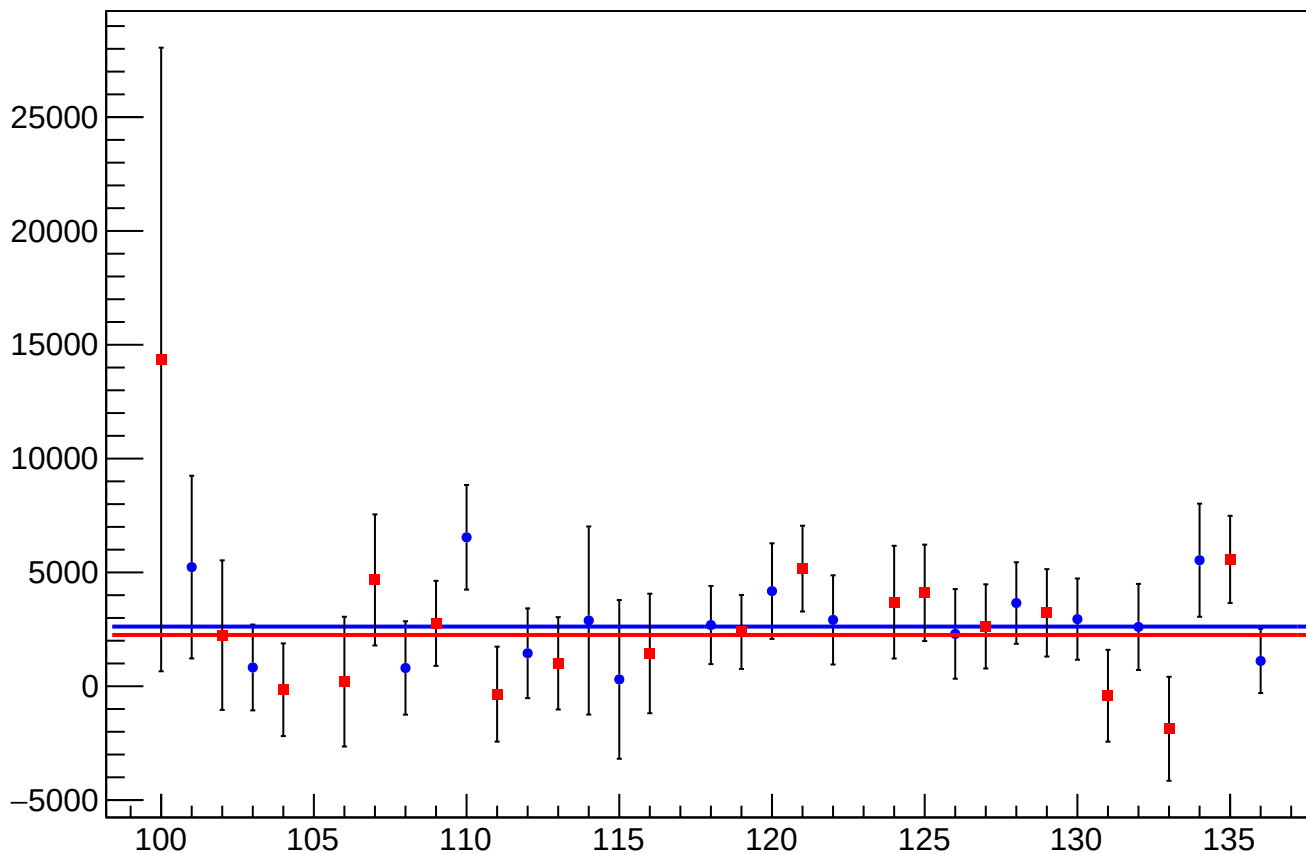
Right: 3294.895+/-0.649 χ^2/NDF : 2932302.1/33

In: 3625.512+/-0.993 χ^2/NDF : 944905.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3294.895+/-0.649 χ^2/NDF : 2932302.1/33

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug, Sign Corrected



Right In: 2620.535+/-511.510 χ^2/NDF : 9.3/15

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

Right Out: 2252.642+/-512.413 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

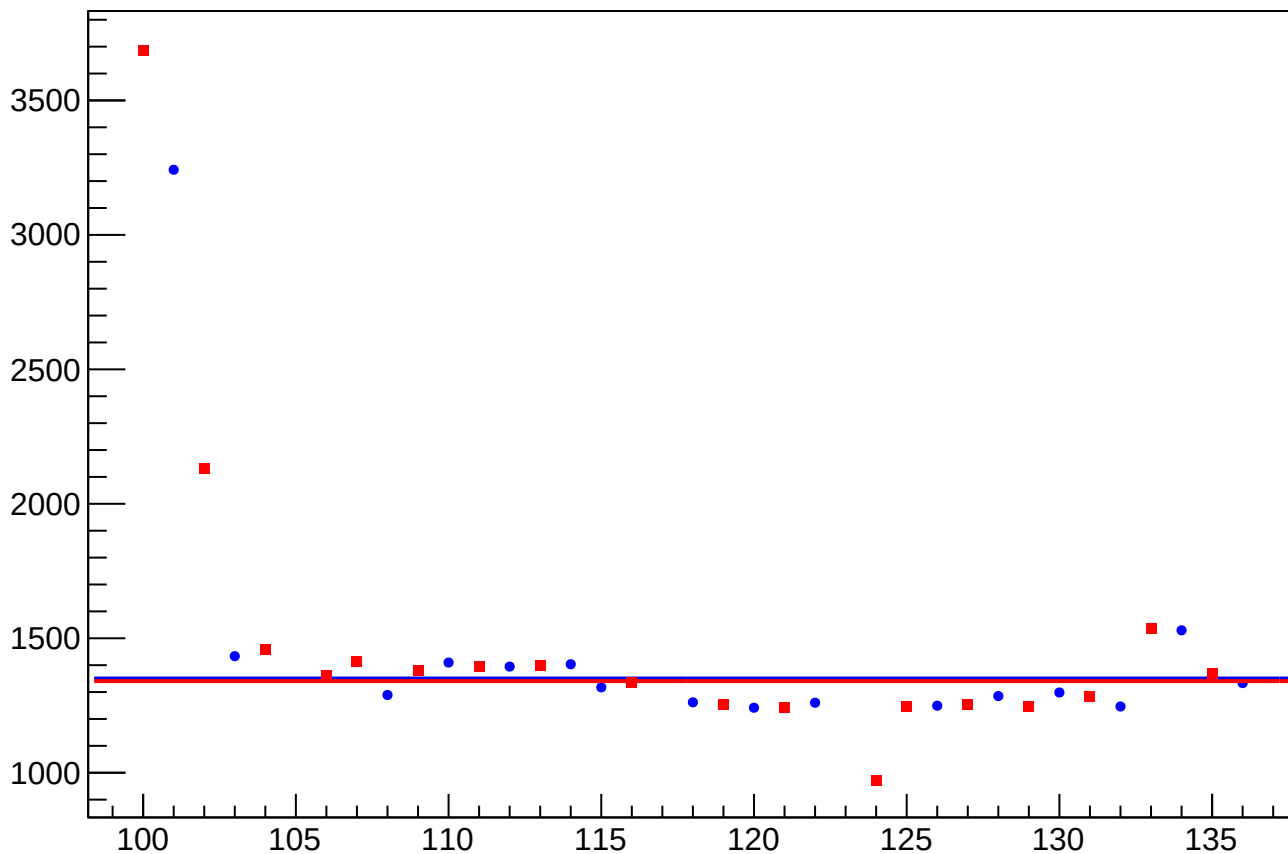
Right: 2436.913+/-362.011 χ^2/NDF : 26.9/33

In: 2620.535+/-511.510 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2436.913+/-362.011 χ^2/NDF : 26.9/33

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: 1340.755+/-0.362 χ^2/NDF : 272154.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

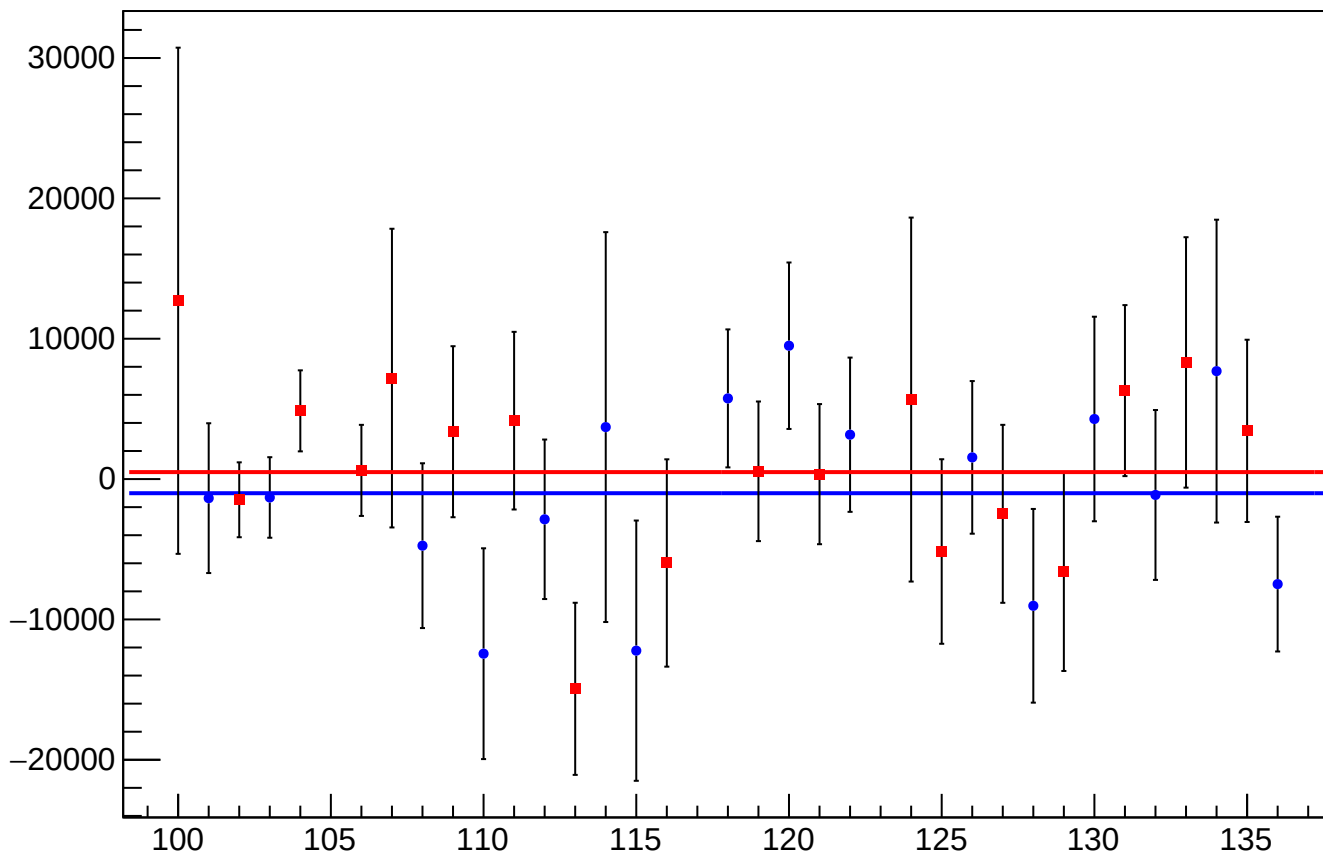
Right: 1345.567+/-0.256 χ^2/NDF : 766558.7/33

In: 1350.369+/-0.362 χ^2/NDF : 494051.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1345.567+/-0.256 χ^2/NDF : 766558.7/33

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: 497.198+/-1210.985 χ^2/NDF : 15.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

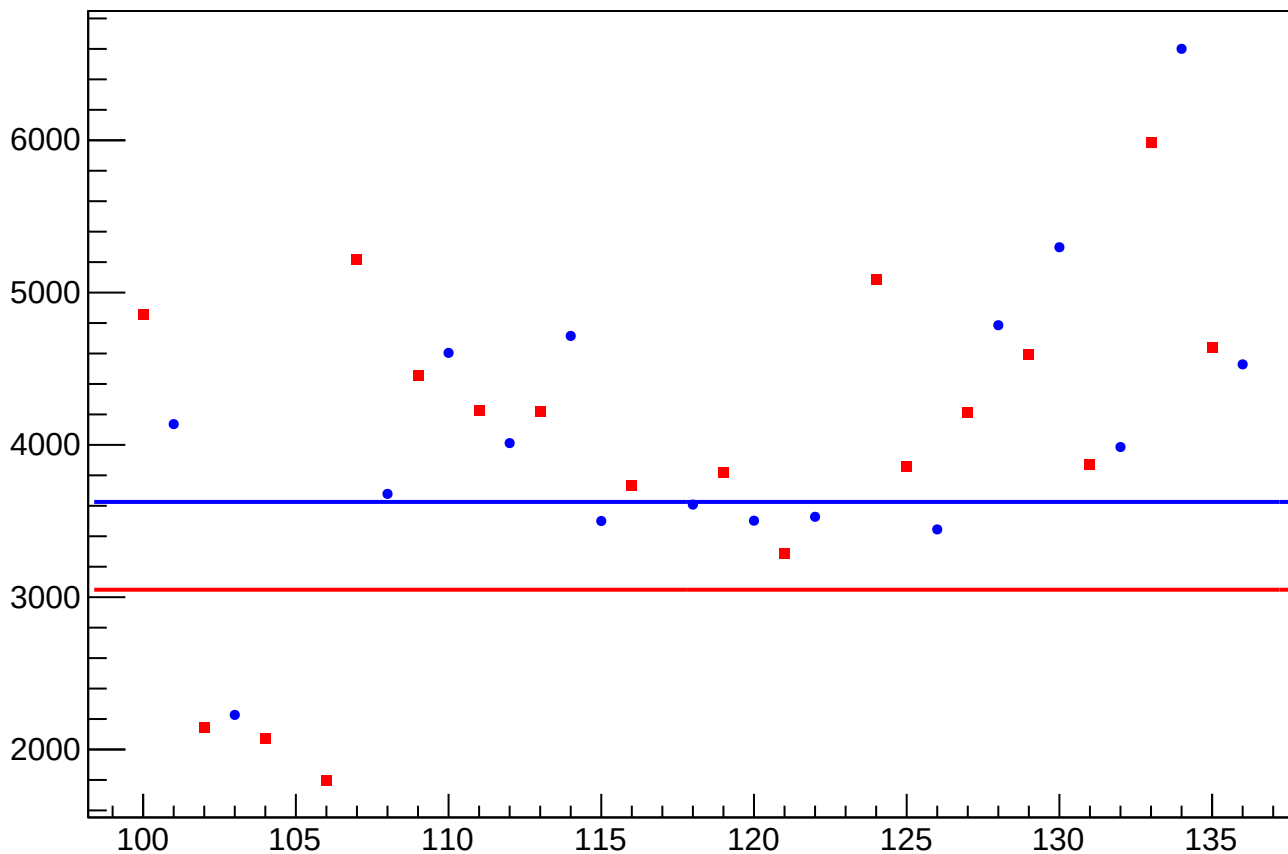
Right: -144.128+/-917.132 χ^2/NDF : 30.6/33

In: -1006.742+/-1404.455 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.128+/-917.132 χ^2/NDF : 30.6/33

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: 3049.083+/-0.856 χ^2/NDF : 1794167.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

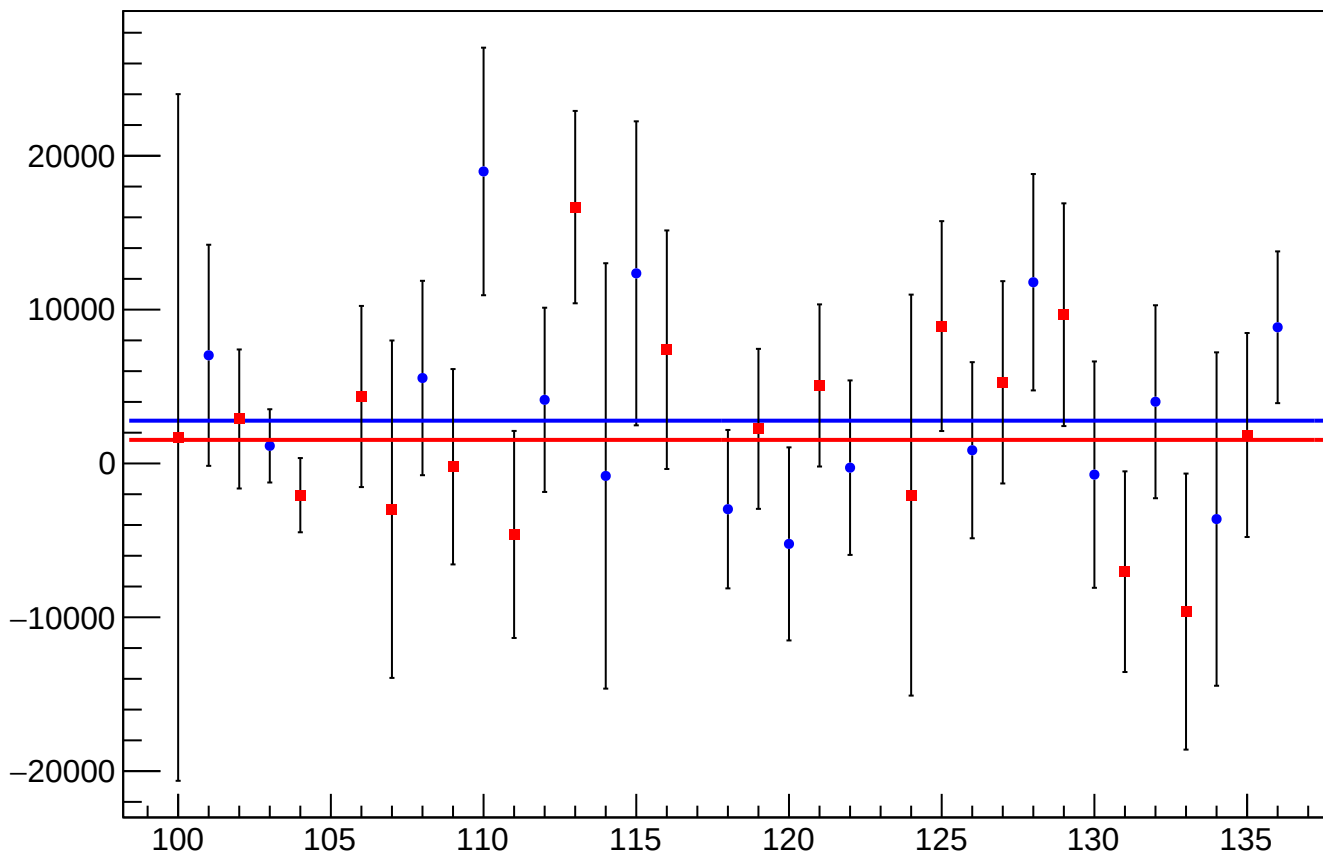
Right: 3294.886+/-0.649 χ^2/NDF : 2932307.1/33

In: 3625.503+/-0.993 χ^2/NDF : 944907.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3294.886+/-0.649 χ^2/NDF : 2932307.1/33

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: 1531.832+/-1348.124 χ^2/NDF : 16.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

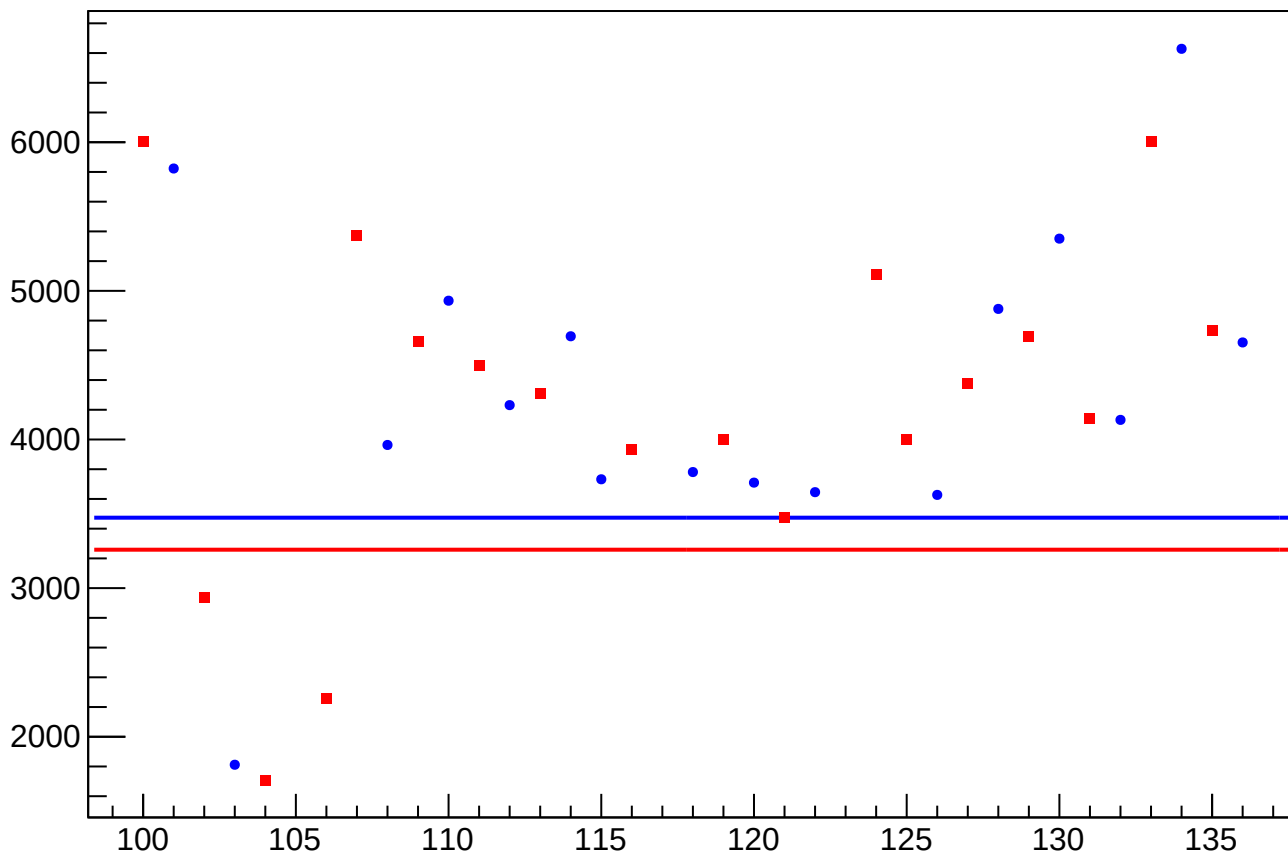
Right: 2137.508+/-967.544 χ^2/NDF : 30.2/33

In: 2780.878+/-1389.439 χ^2/NDF : 13.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2137.508+/-967.544 χ^2/NDF : 30.2/33

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: 3258.524+/-0.940 χ^2/NDF : 1838139.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

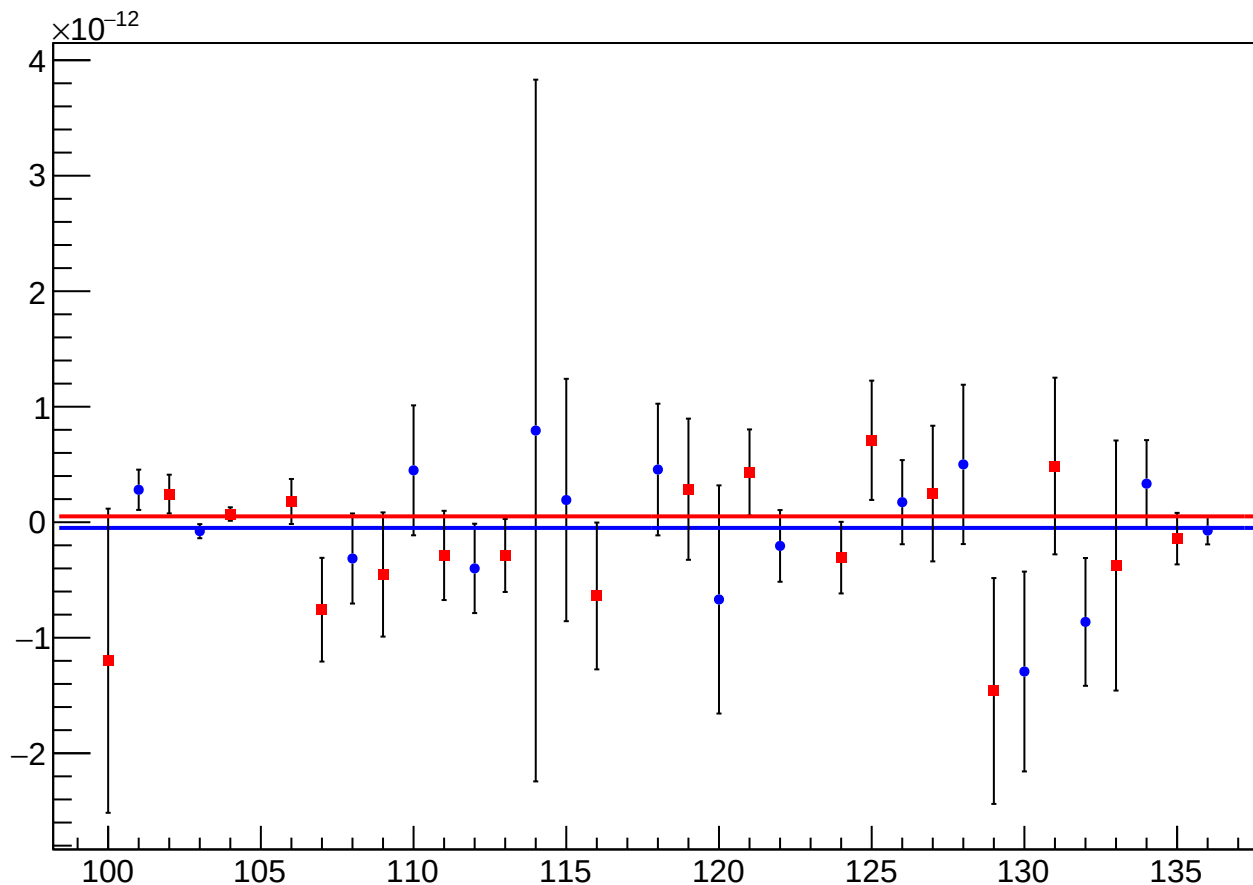
Right: 3361.458+/-0.679 χ^2/NDF : 3707192.0/33

In: 3473.898+/-0.982 χ^2/NDF : 1843964.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3361.458+/-0.679 χ^2/NDF : 3707192.0/33

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean 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 : 17.9/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

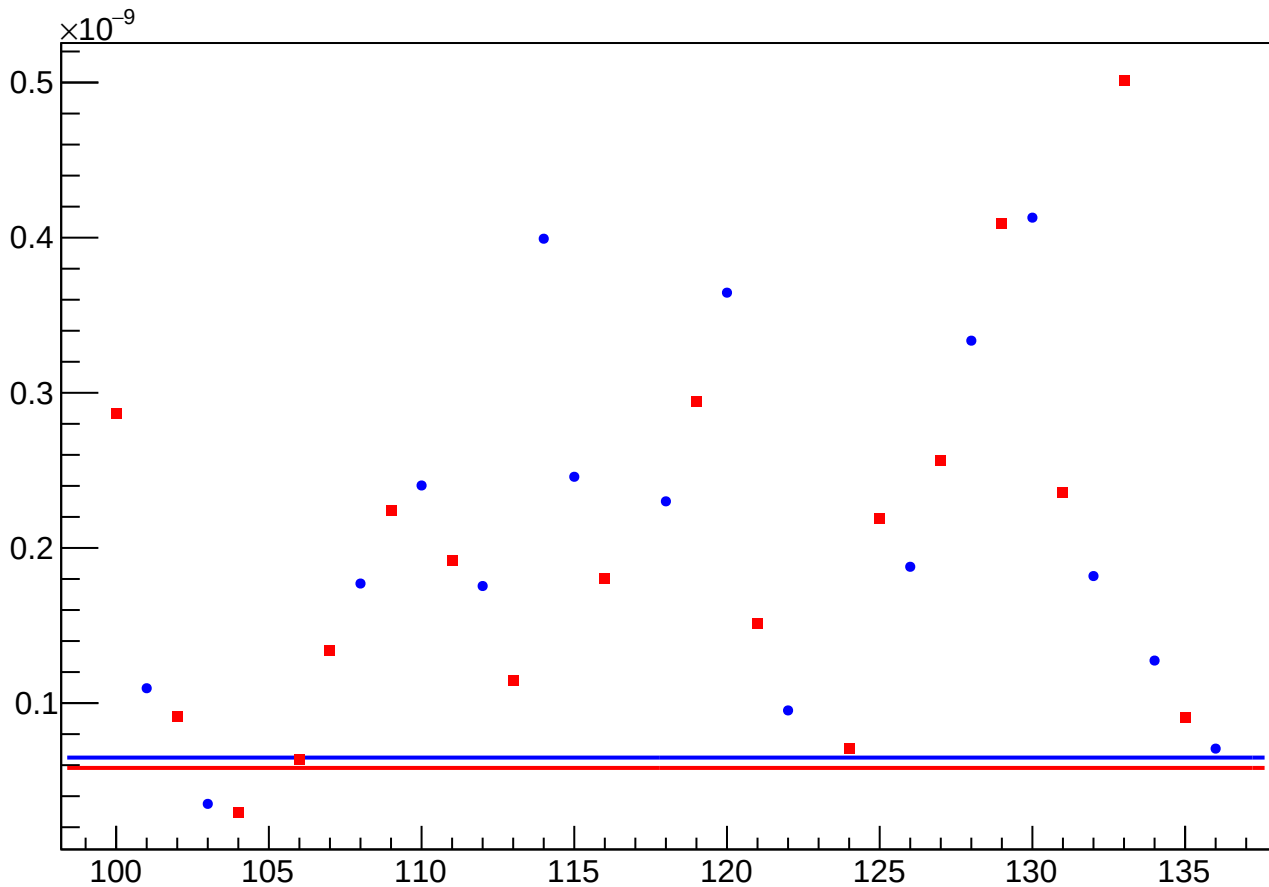
Right: 0.000 ± 0.000 χ^2/NDF : 33.7/33

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 : 33.7/33

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 : 2848598.8/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

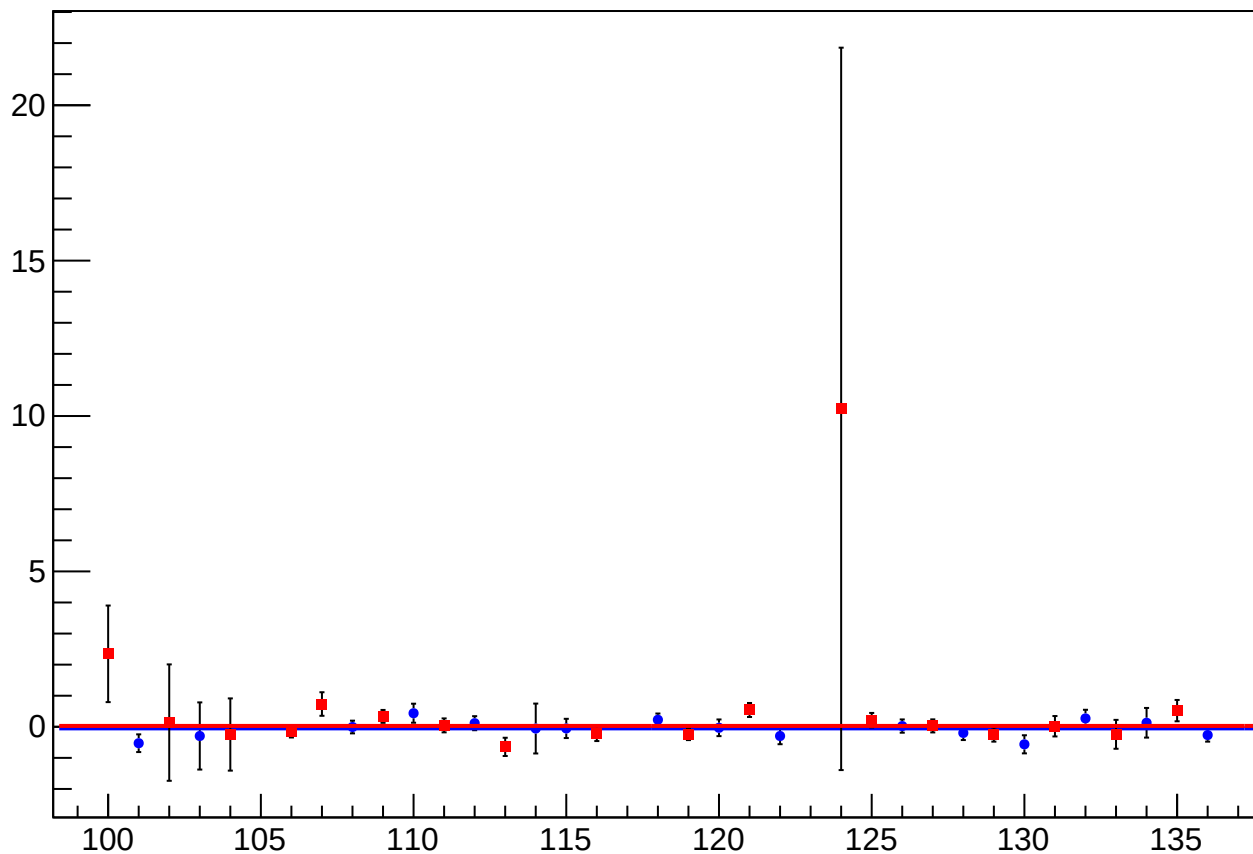
Right: 0.000+/-0.000 χ^2/NDF : 5460602.5/33

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 : 5460602.5/33

asym_atl_avg_atr_avg_avg_dit_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: 0.028 ± 0.065 χ^2/NDF : 27.5/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

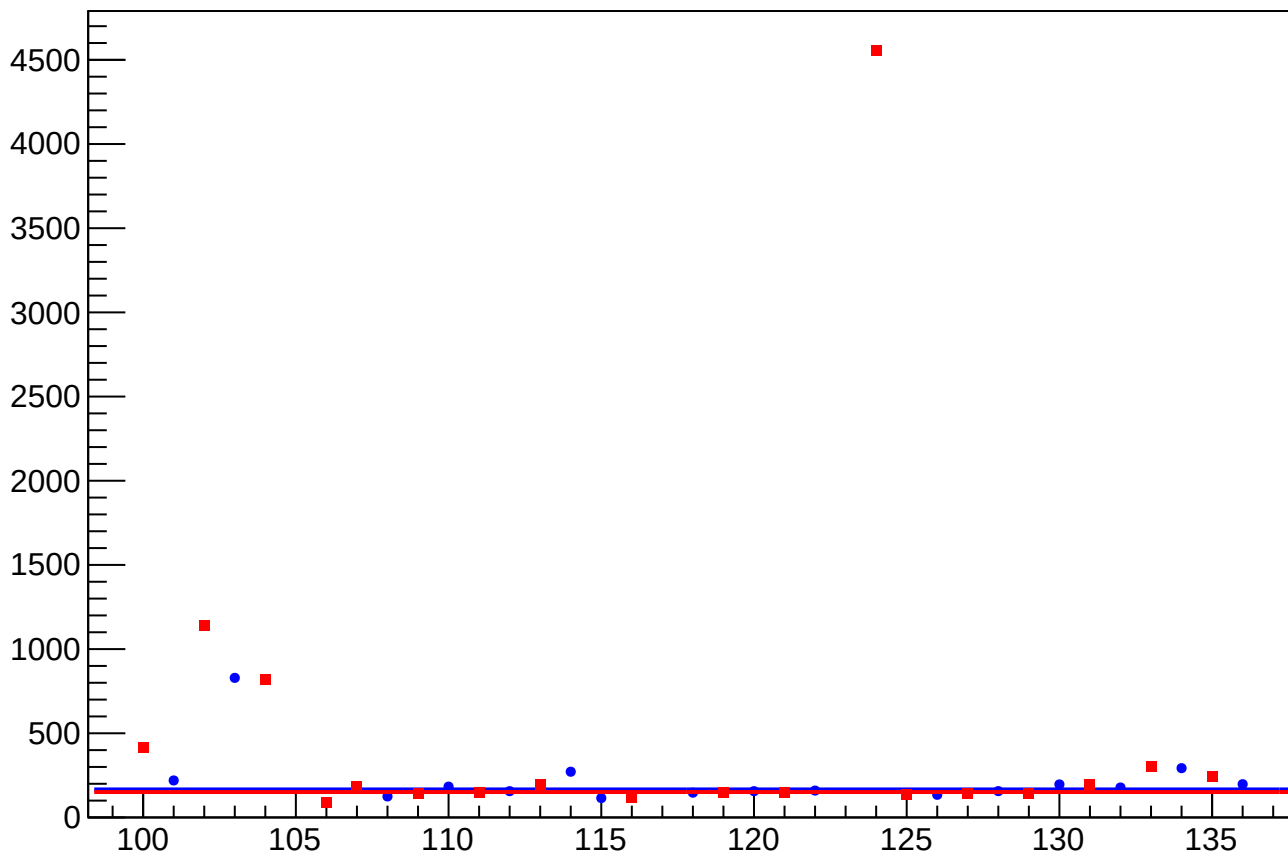
Right: -0.010 ± 0.047 χ^2/NDF : 43.1/33

In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.047 χ^2/NDF : 43.1/33

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: 151.047+/-0.046 χ^2/NDF : 2305197.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

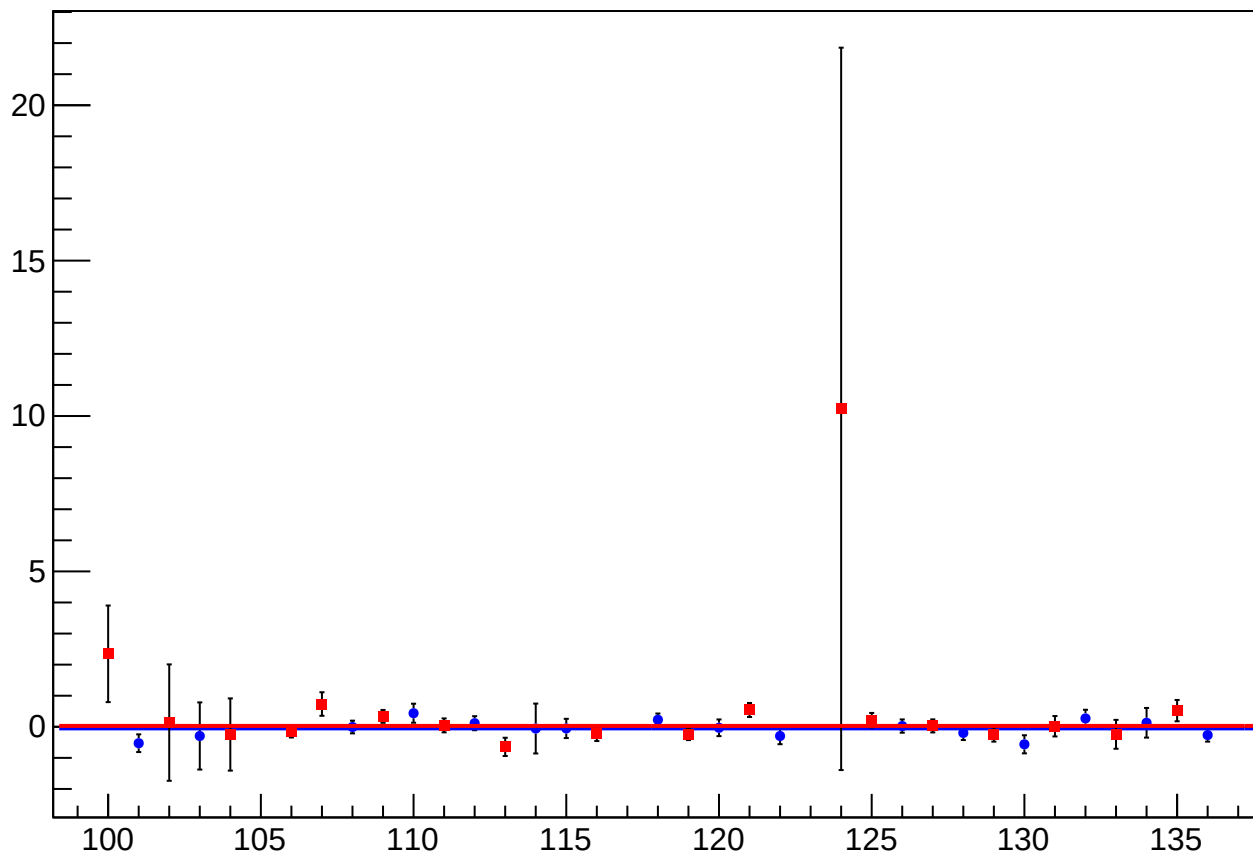
Right: 158.484+/-0.033 χ^2/NDF : 3642097.1/33

In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.484+/-0.033 χ^2/NDF : 3642097.1/33

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: 0.028 ± 0.065 $\chi^2/\text{NDF}: 27.5/17$

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

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

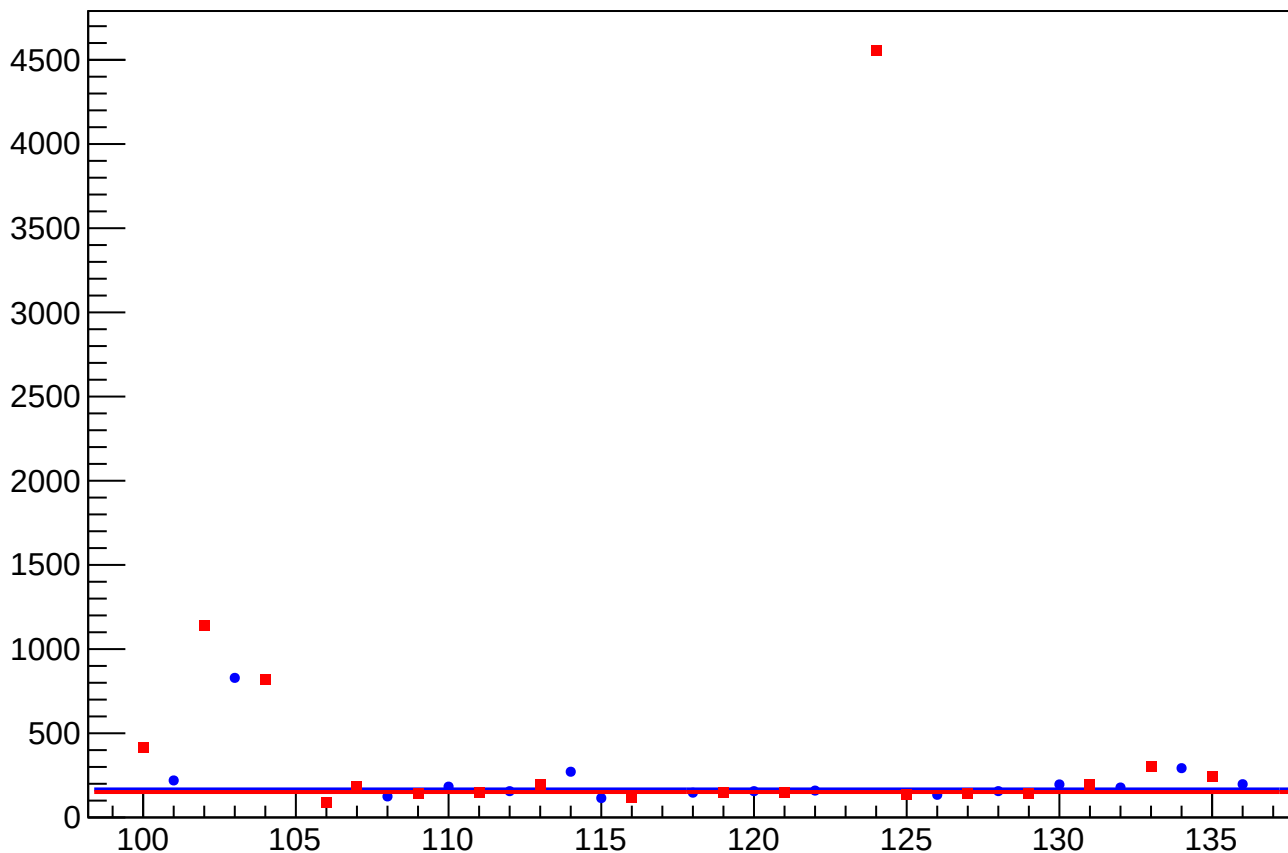
Right: -0.010 ± 0.047 $\chi^2/\text{NDF}: 43.1/33$

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: -0.010 ± 0.047 $\chi^2/\text{NDF}: 43.1/33$

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: 151.047+/-0.046 χ^2/NDF : 2305197.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

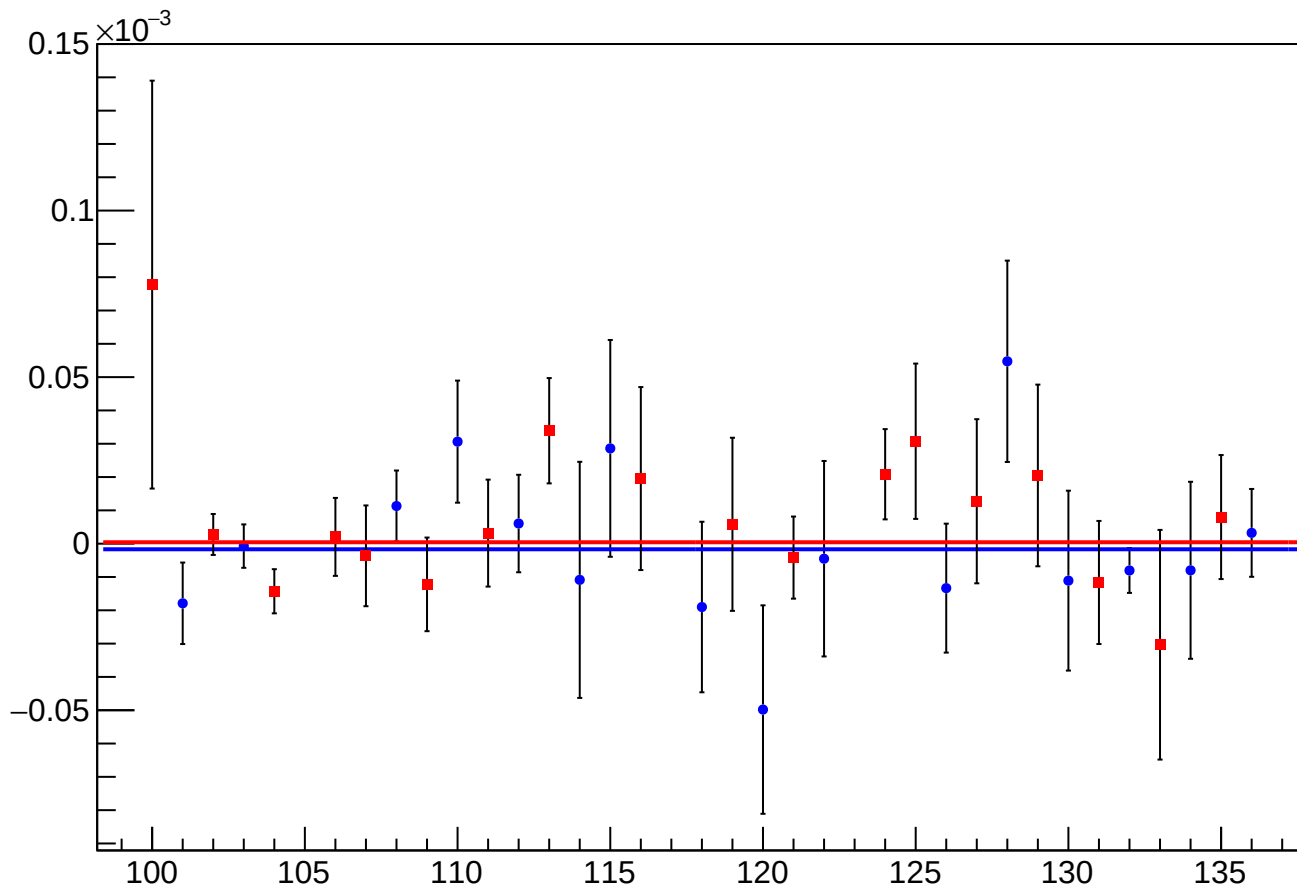
Right: 158.484+/-0.033 χ^2/NDF : 3642097.1/33

In: 166.360+/-0.047 χ^2/NDF : 1282728.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.484+/-0.033 χ^2/NDF : 3642097.1/33

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 : 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

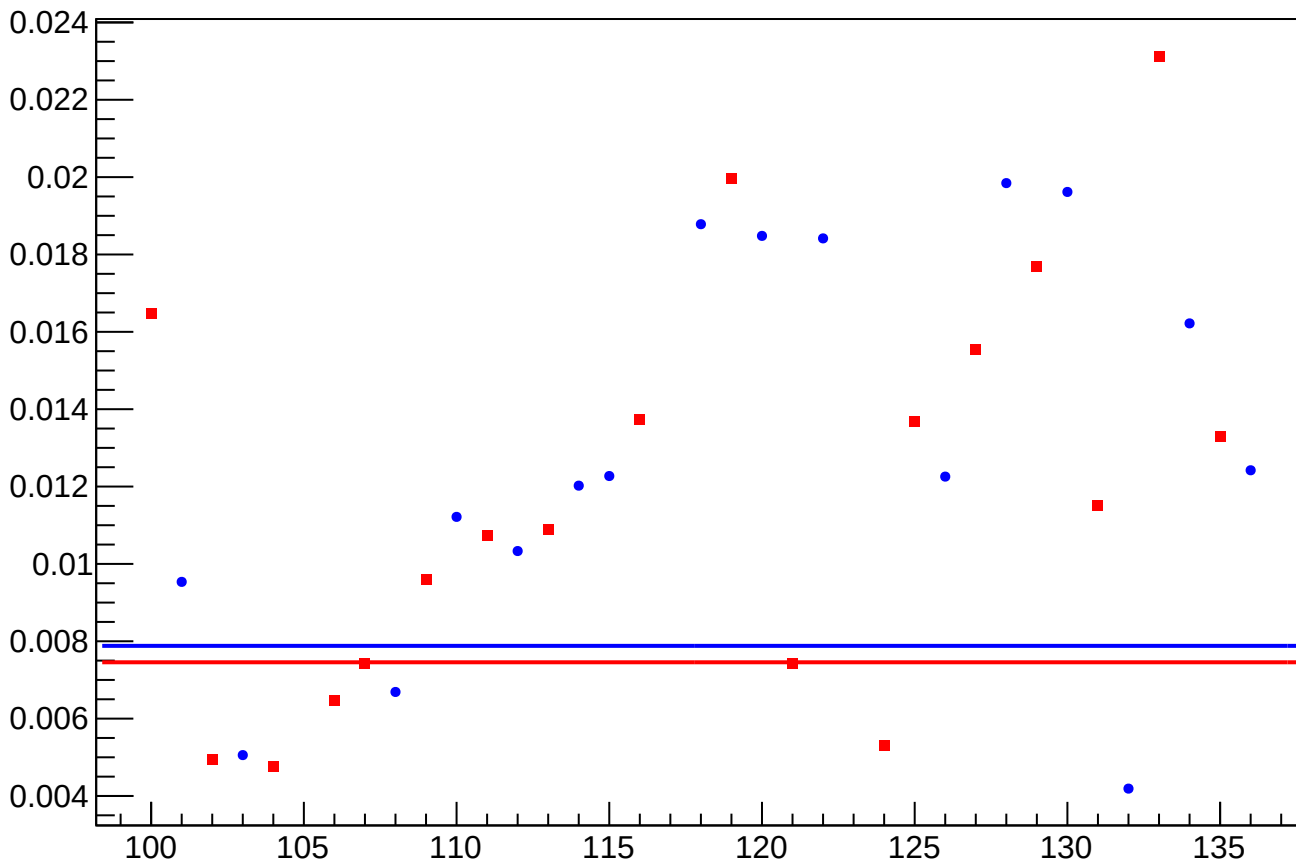
Right: -0.000+/-0.000 χ^2/NDF : 34.6/33

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 : 34.6/33

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: 0.007+/-0.000 χ^2/NDF : 2905928.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

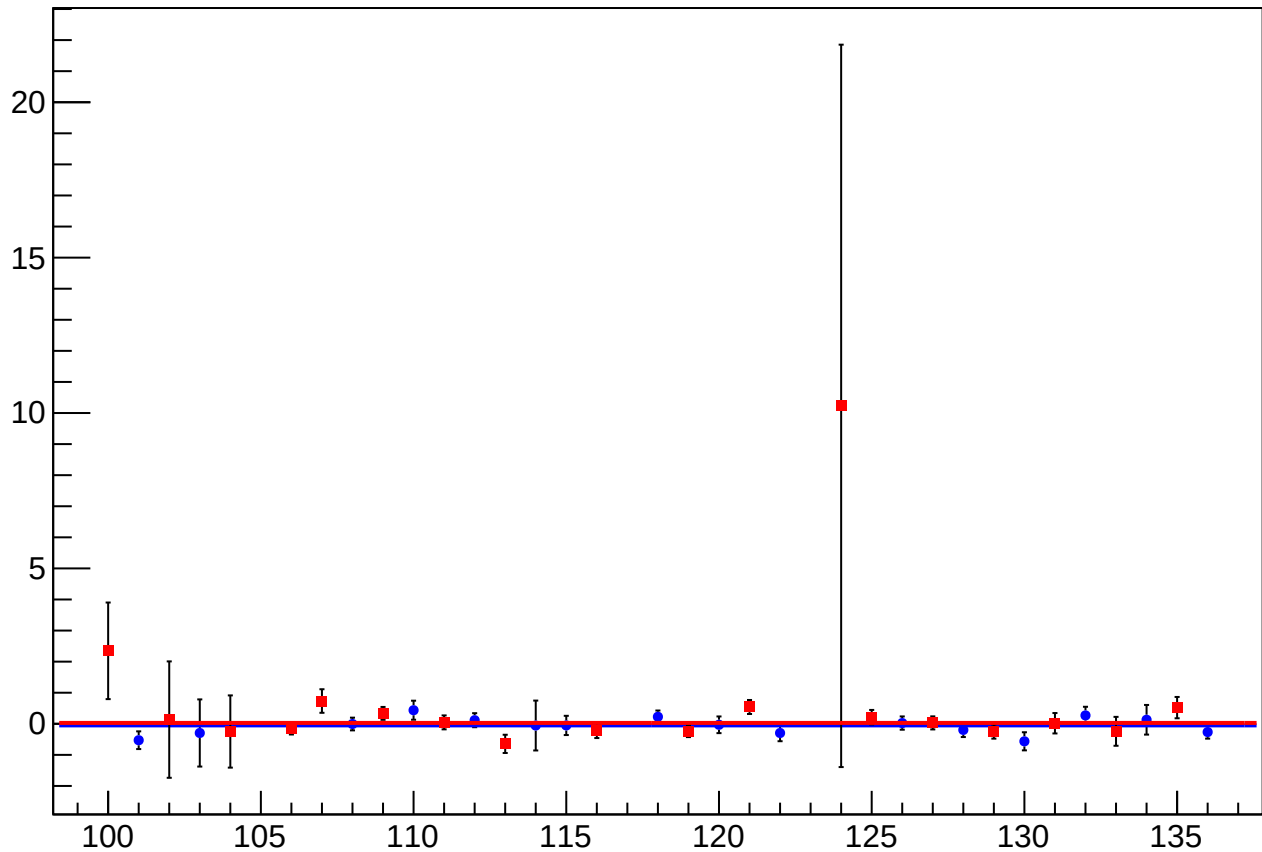
Right: 0.008+/-0.000 χ^2/NDF : 6224432.0/33

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 : 6224432.0/33

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: 0.028 ± 0.065 χ^2/NDF : 27.5/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

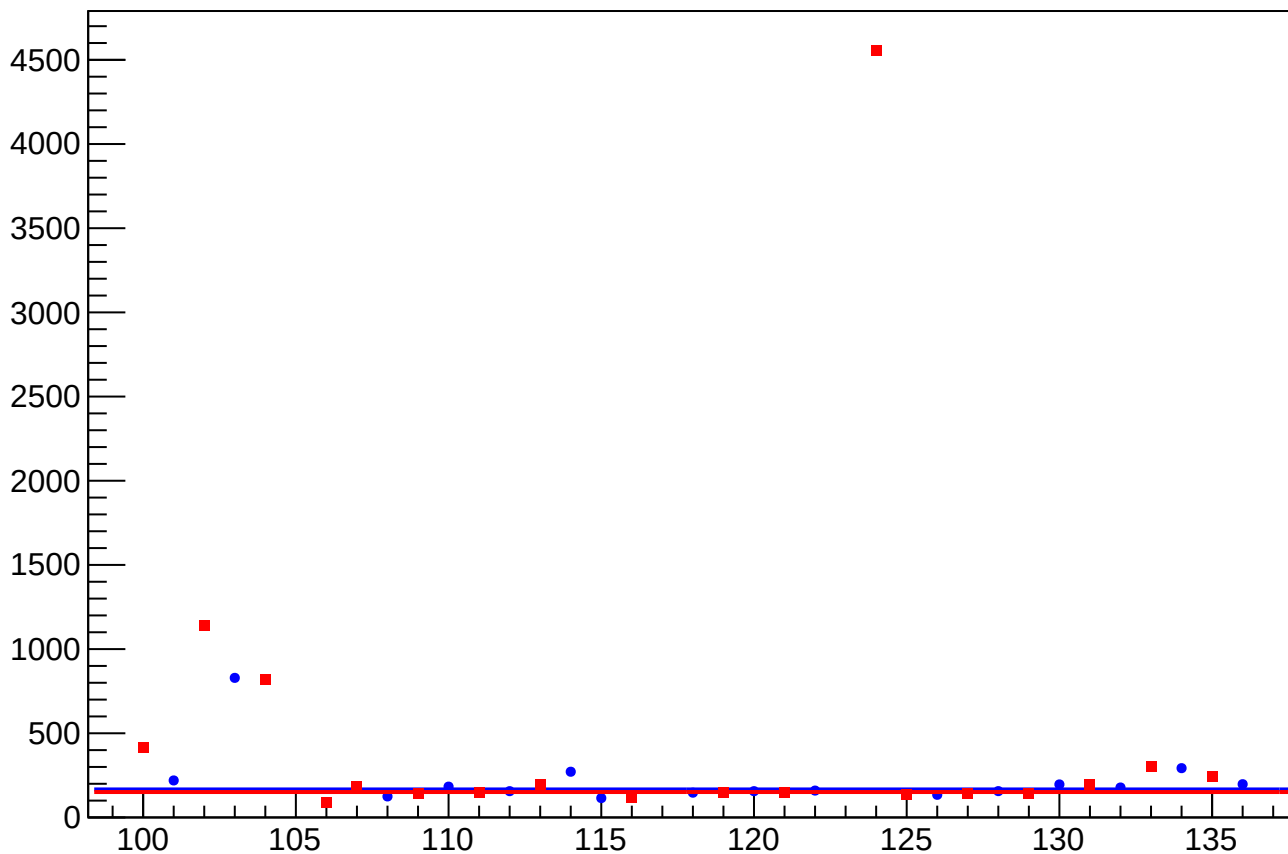
Right: -0.010 ± 0.047 χ^2/NDF : 43.1/33

In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.047 χ^2/NDF : 43.1/33

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: 151.045+/-0.046 χ^2/NDF : 2305196.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

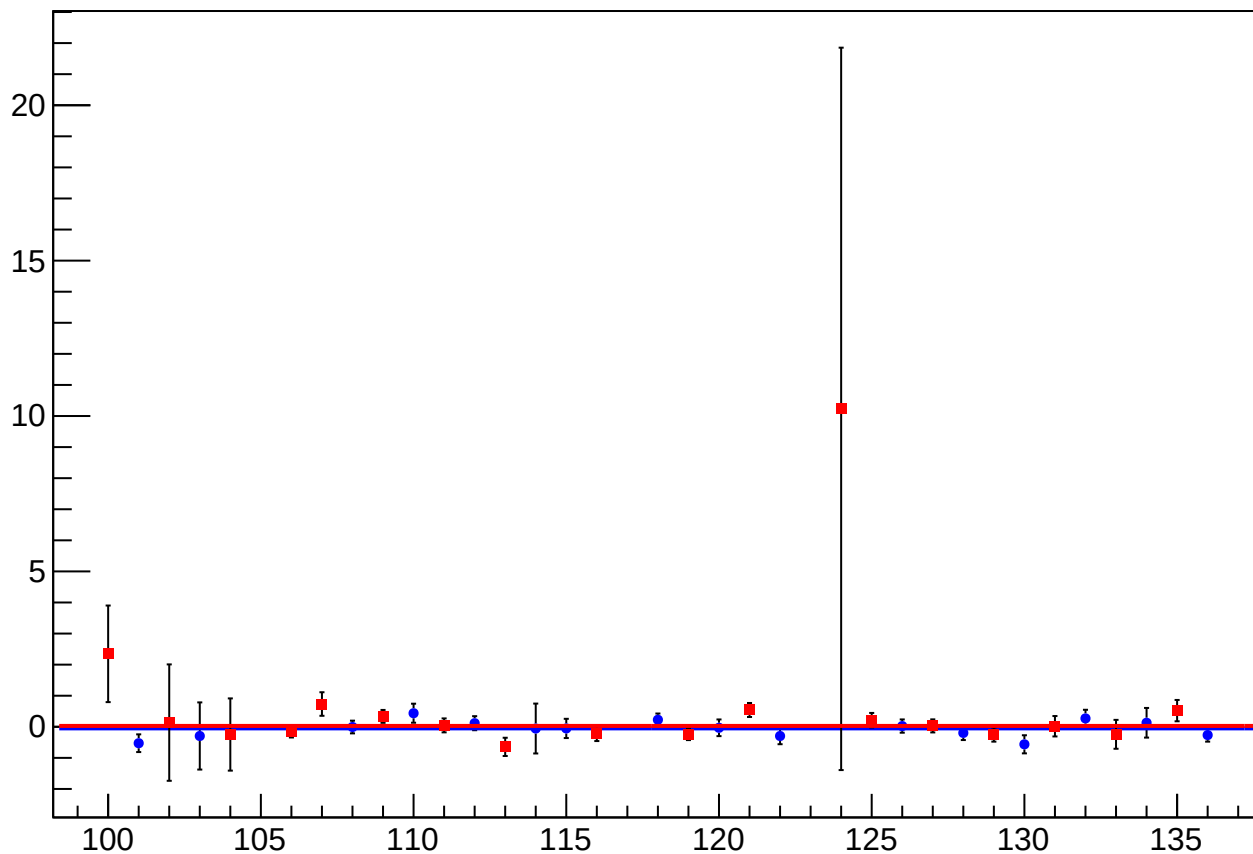
Right: 158.483+/-0.033 χ^2/NDF : 3642097.2/33

In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.483+/-0.033 χ^2/NDF : 3642097.2/33

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: 0.028 ± 0.065 χ^2/NDF : 27.5/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

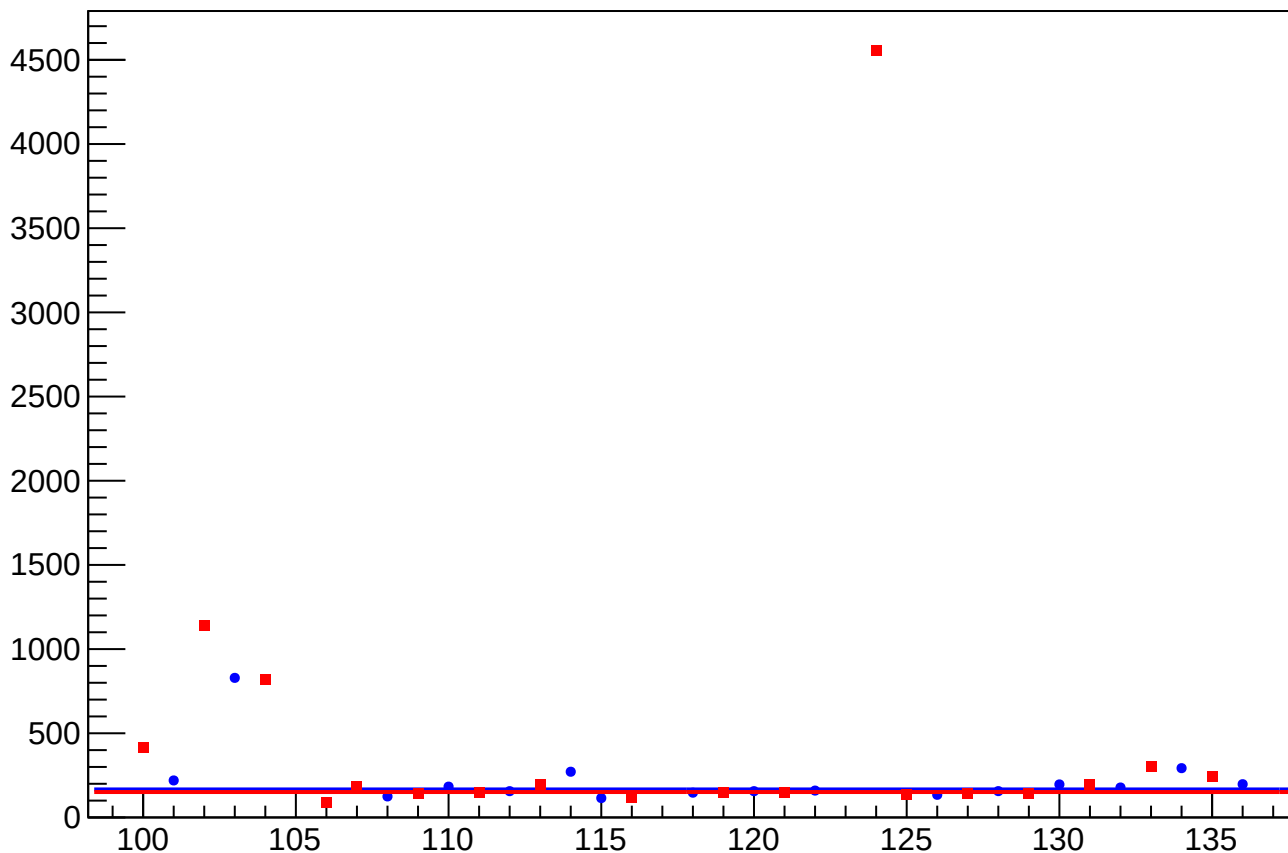
Right: -0.010 ± 0.047 χ^2/NDF : 43.1/33

In: -0.051 ± 0.067 χ^2/NDF : 14.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.010 ± 0.047 χ^2/NDF : 43.1/33

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: 151.045+/-0.046 χ^2/NDF : 2305196.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

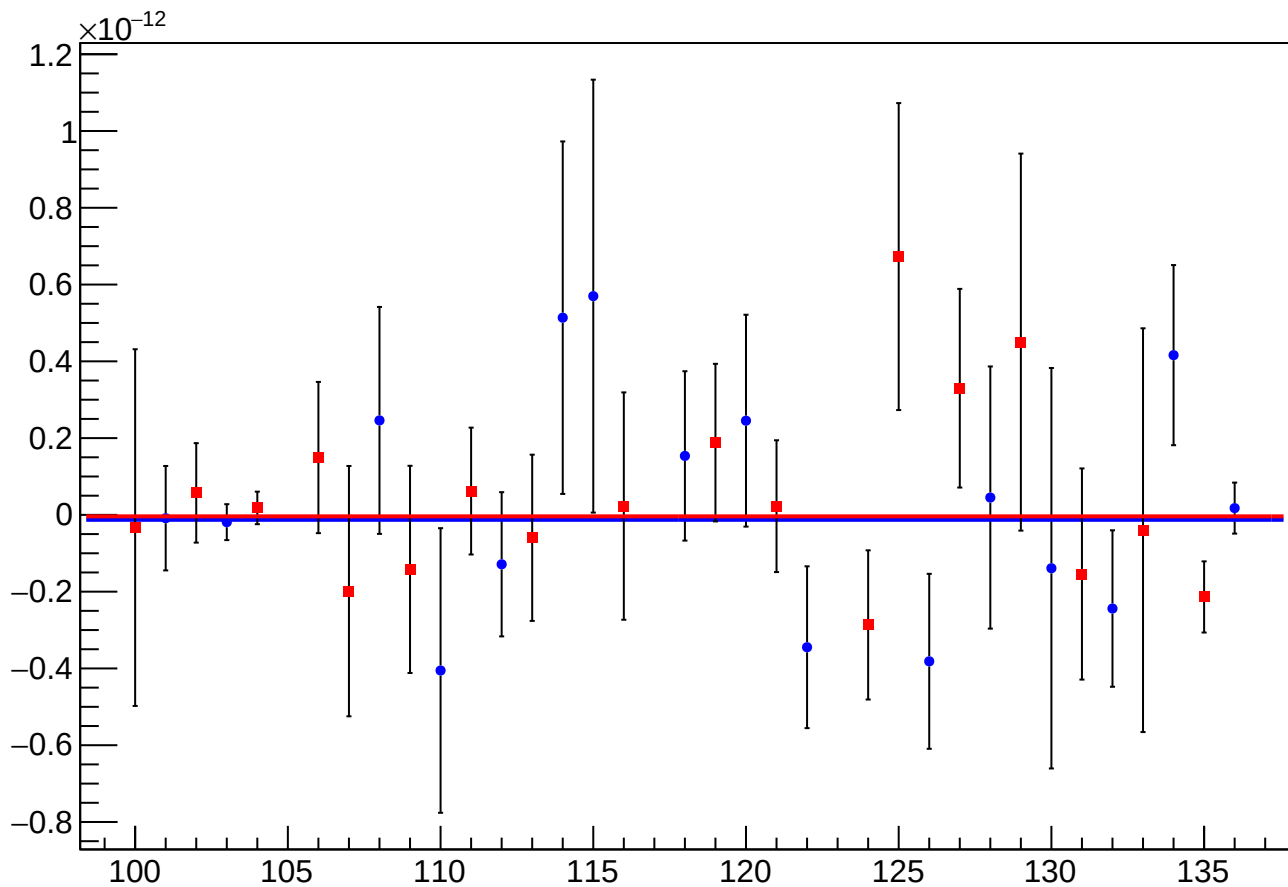
Right: 158.483+/-0.033 χ^2/NDF : 3642097.2/33

In: 166.359+/-0.047 χ^2/NDF : 1282724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.483+/-0.033 χ^2/NDF : 3642097.2/33

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: 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

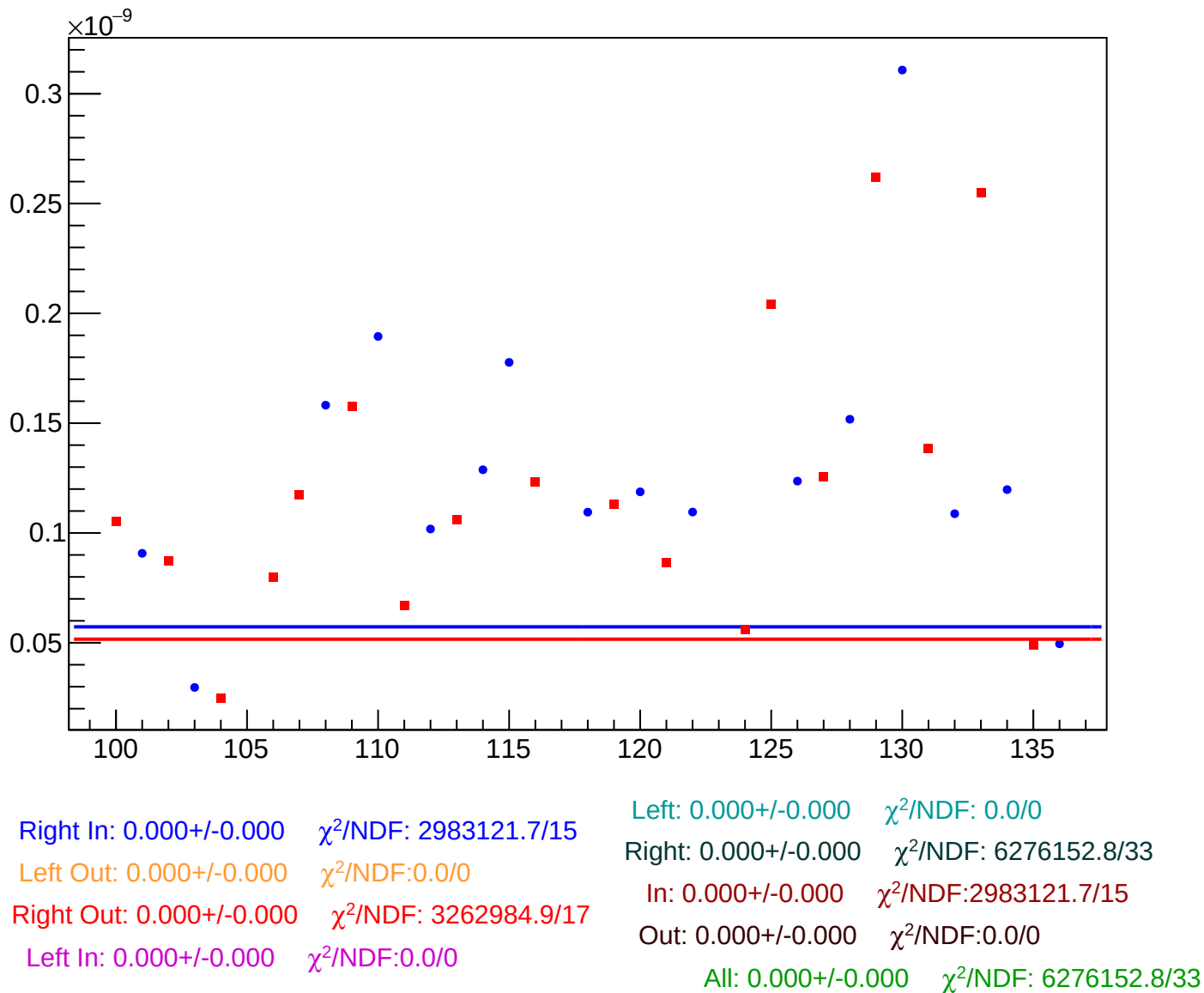
Right: -0.000+/-0.000 χ^2 /NDF: 32.0/33

In: -0.000+/-0.000 χ^2 /NDF:16.1/15

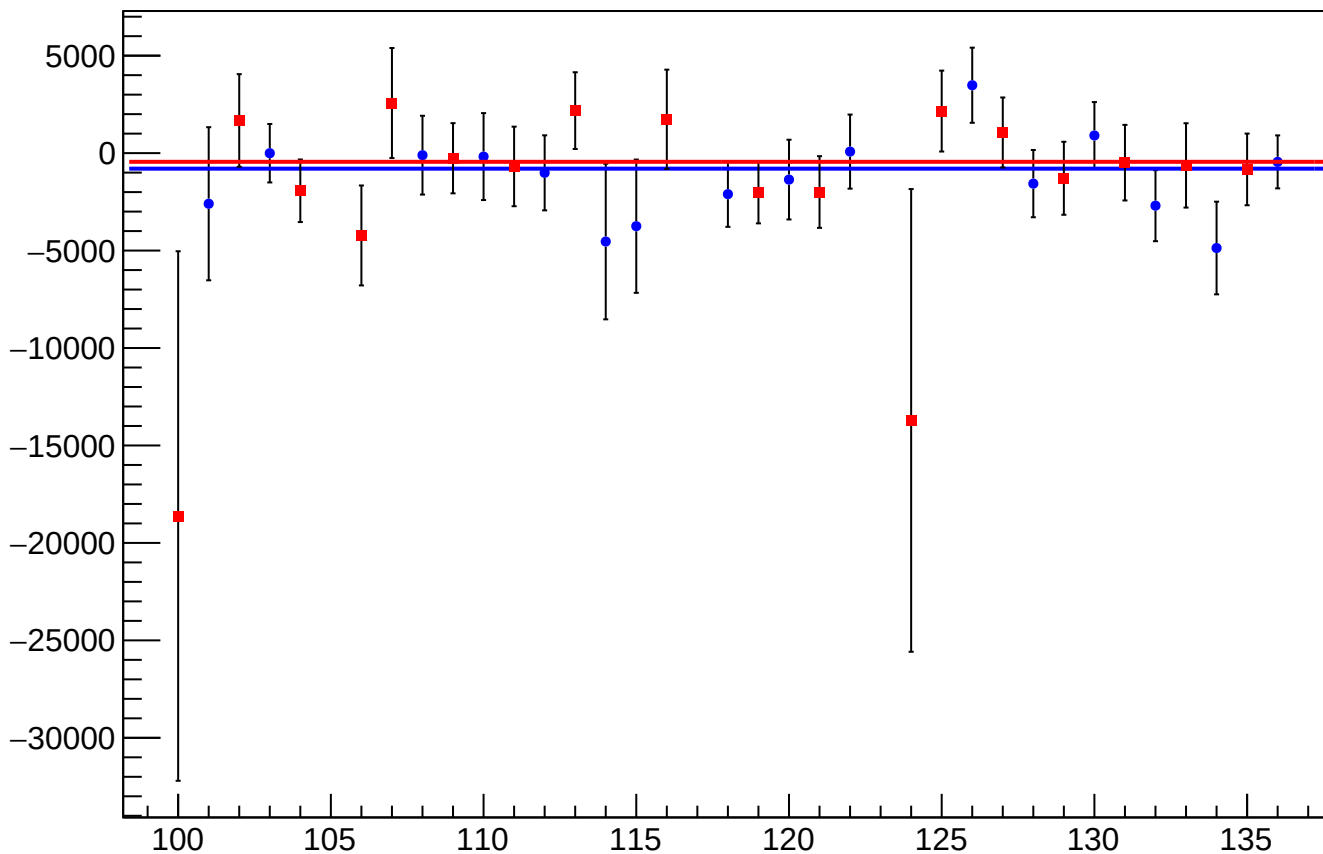
Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.0/33

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



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: -446.294+/-493.035 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

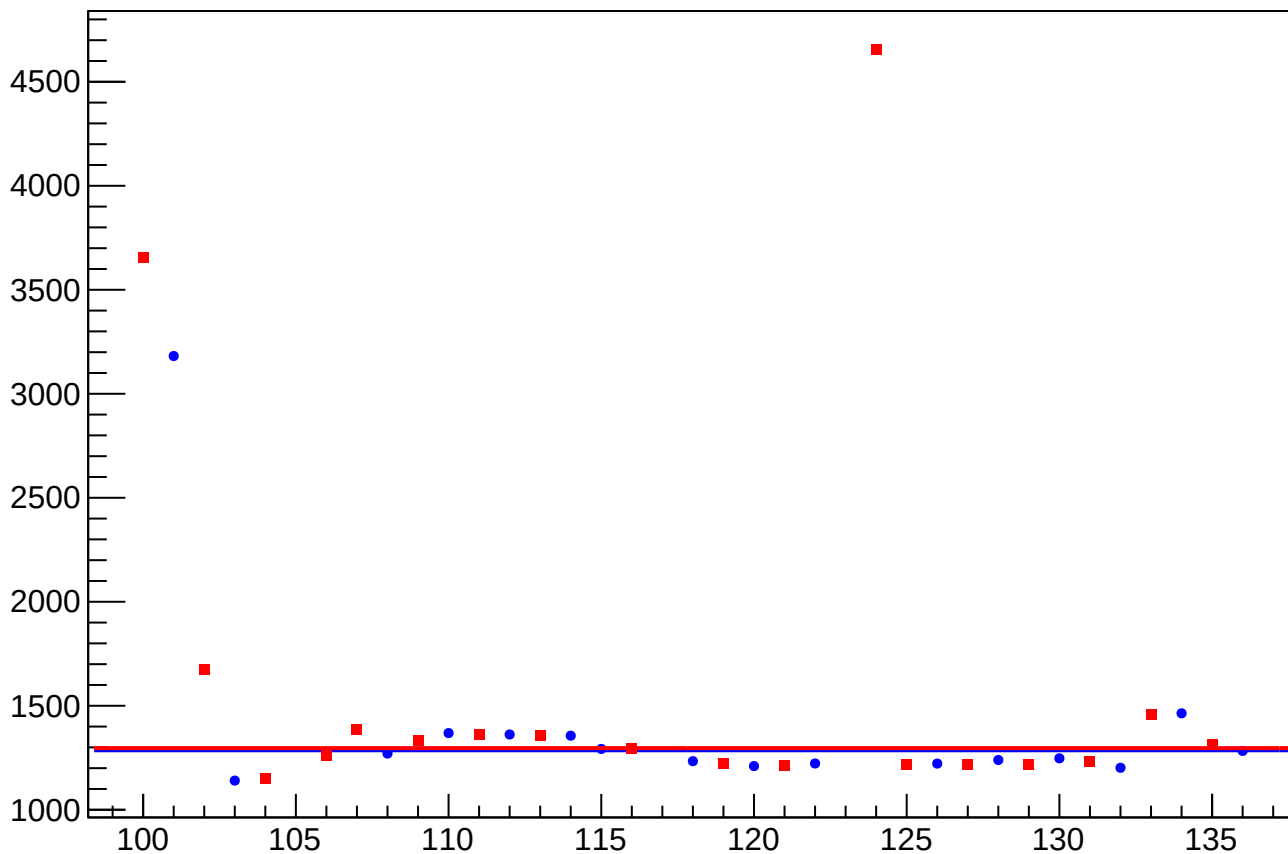
Right: -623.787+/-346.638 χ^2/NDF : 28.4/33

In: -797.285+/-487.453 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.787+/-346.638 χ^2/NDF : 28.4/33

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: 1296.317+/-0.349 χ^2/NDF : 328030.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

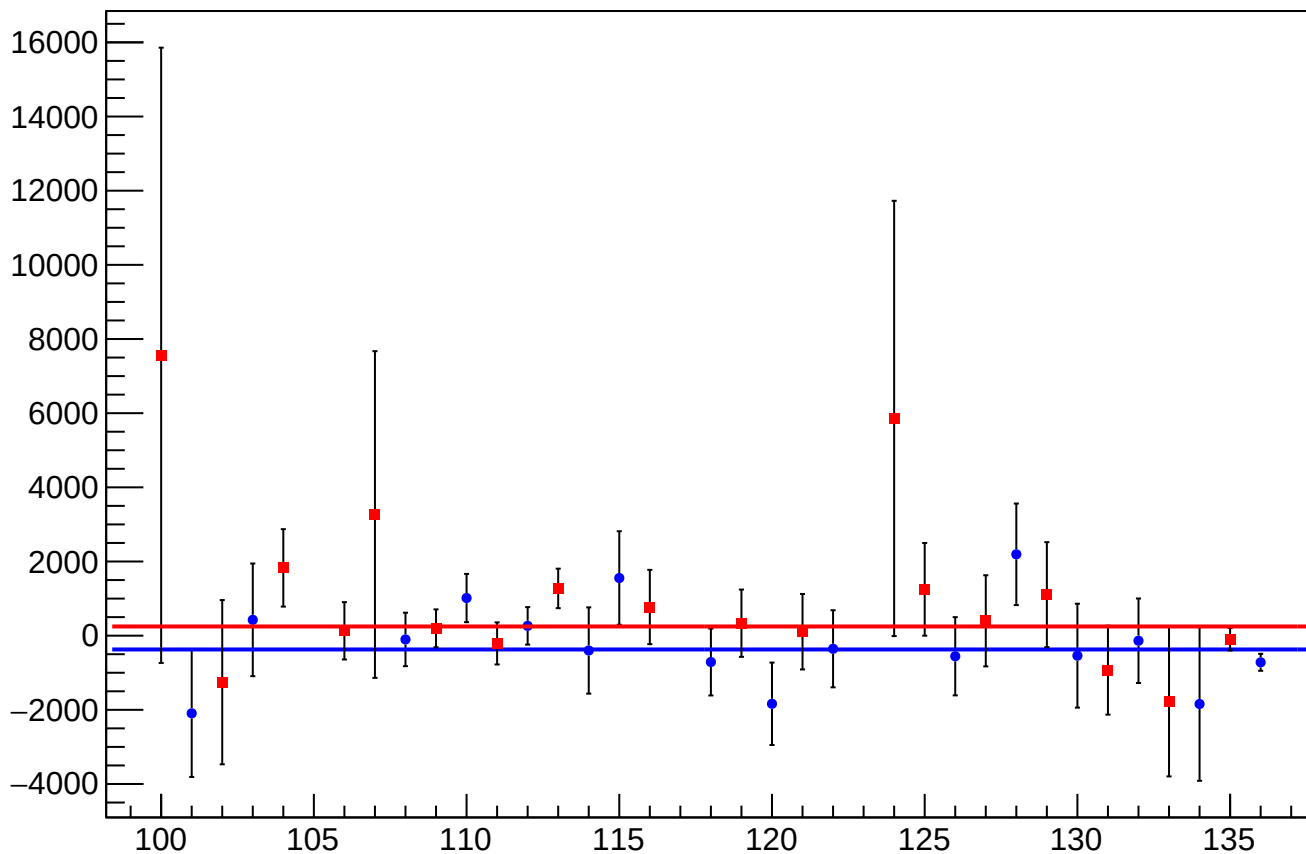
Right: 1291.149+/-0.245 χ^2/NDF : 846591.7/33

In: 1286.097+/-0.345 χ^2/NDF : 518126.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.149+/-0.245 χ^2/NDF : 846591.7/33

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: 247.875+/-182.170 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

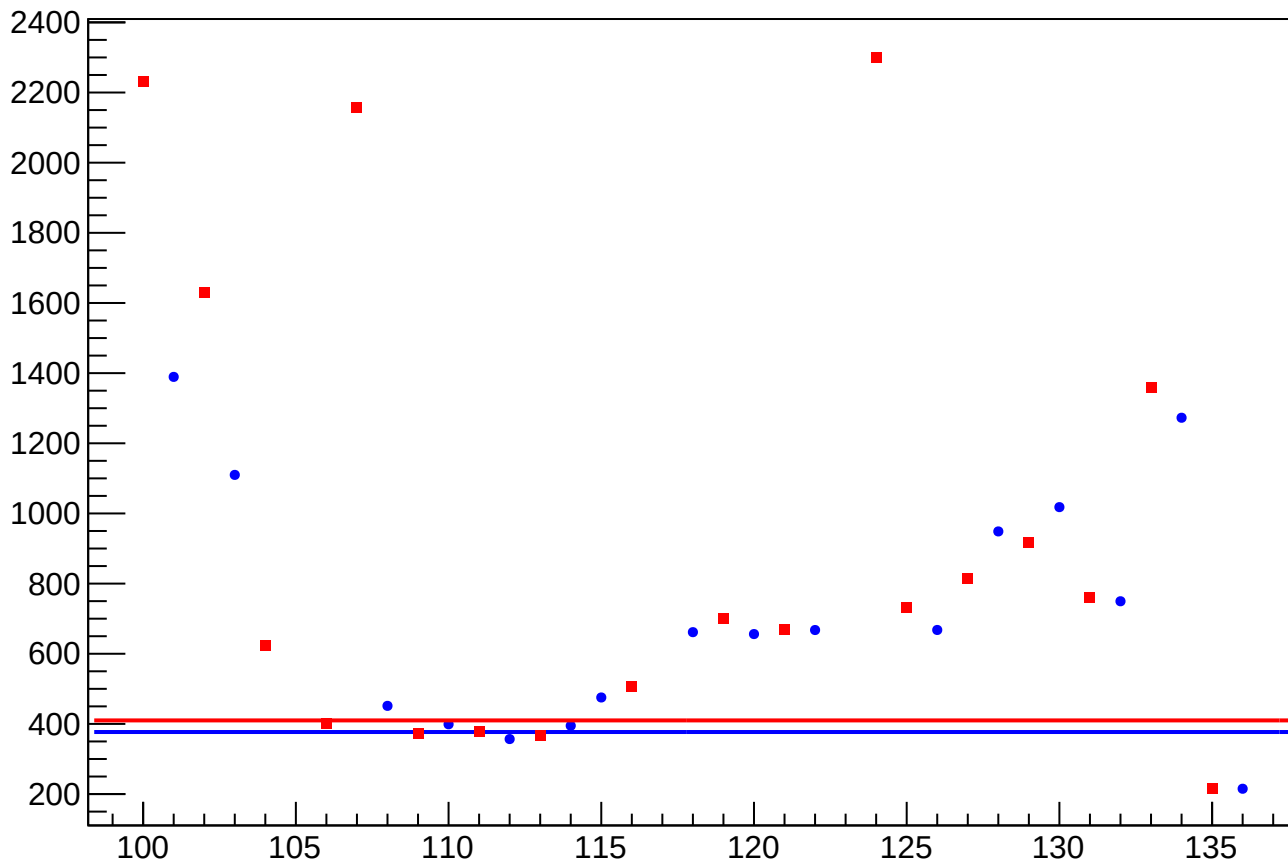
Right: -86.908+/-123.581 χ^2/NDF : 38.3/33

In: -372.325+/-168.204 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.908+/-123.581 χ^2/NDF : 38.3/33

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: 409.984+/-0.129 χ^2/NDF : 3727195.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

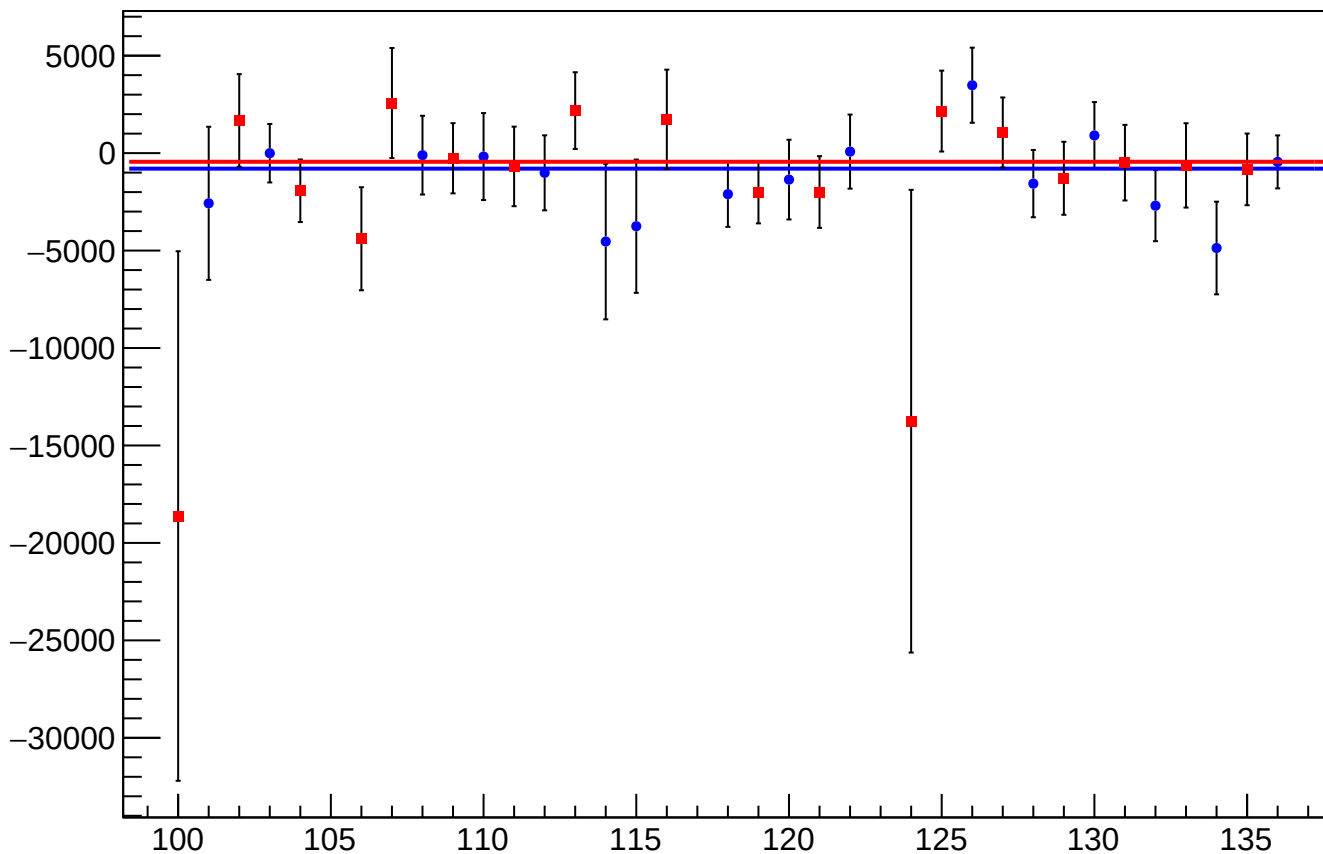
Right: 392.121+/-0.087 χ^2/NDF : 7953013.4/33

In: 376.893+/-0.119 χ^2/NDF :4190194.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 392.121+/-0.087 χ^2/NDF : 7953013.4/33

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: -443.872+/-493.581 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

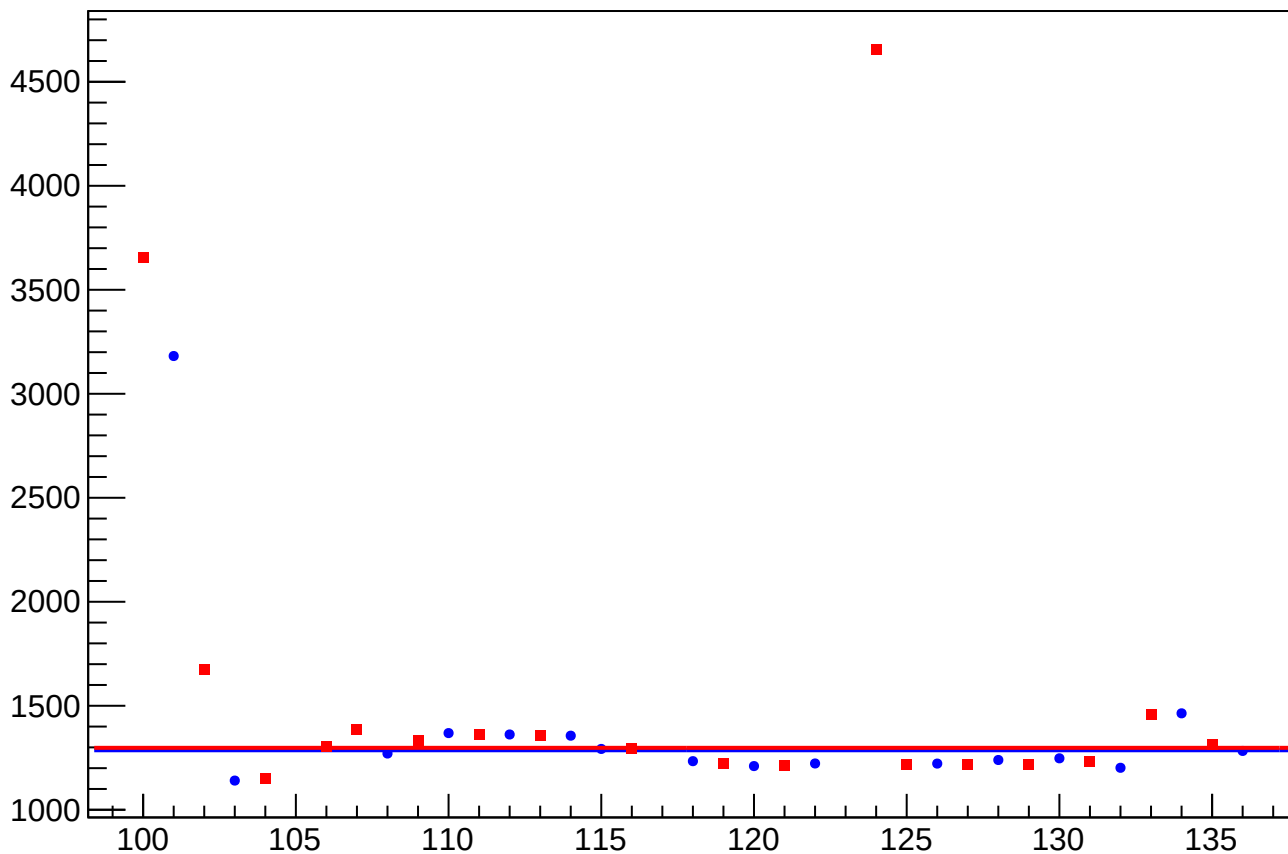
Right: -622.583+/-346.828 χ^2/NDF : 28.5/33

In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.583+/-346.828 χ^2/NDF : 28.5/33

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: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

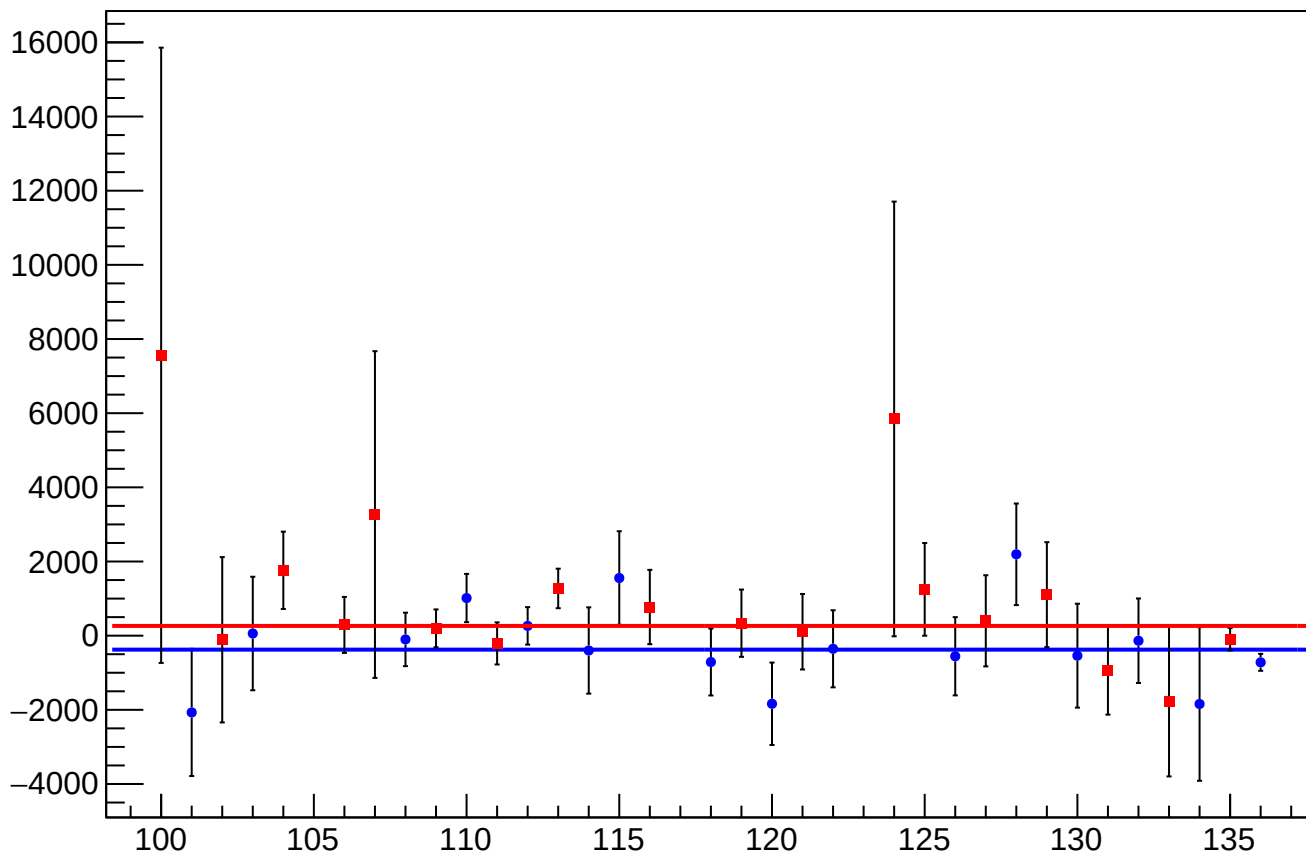
Right: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

asym_atl_avg_atr_avg_dd_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: 262.805+/-181.924 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

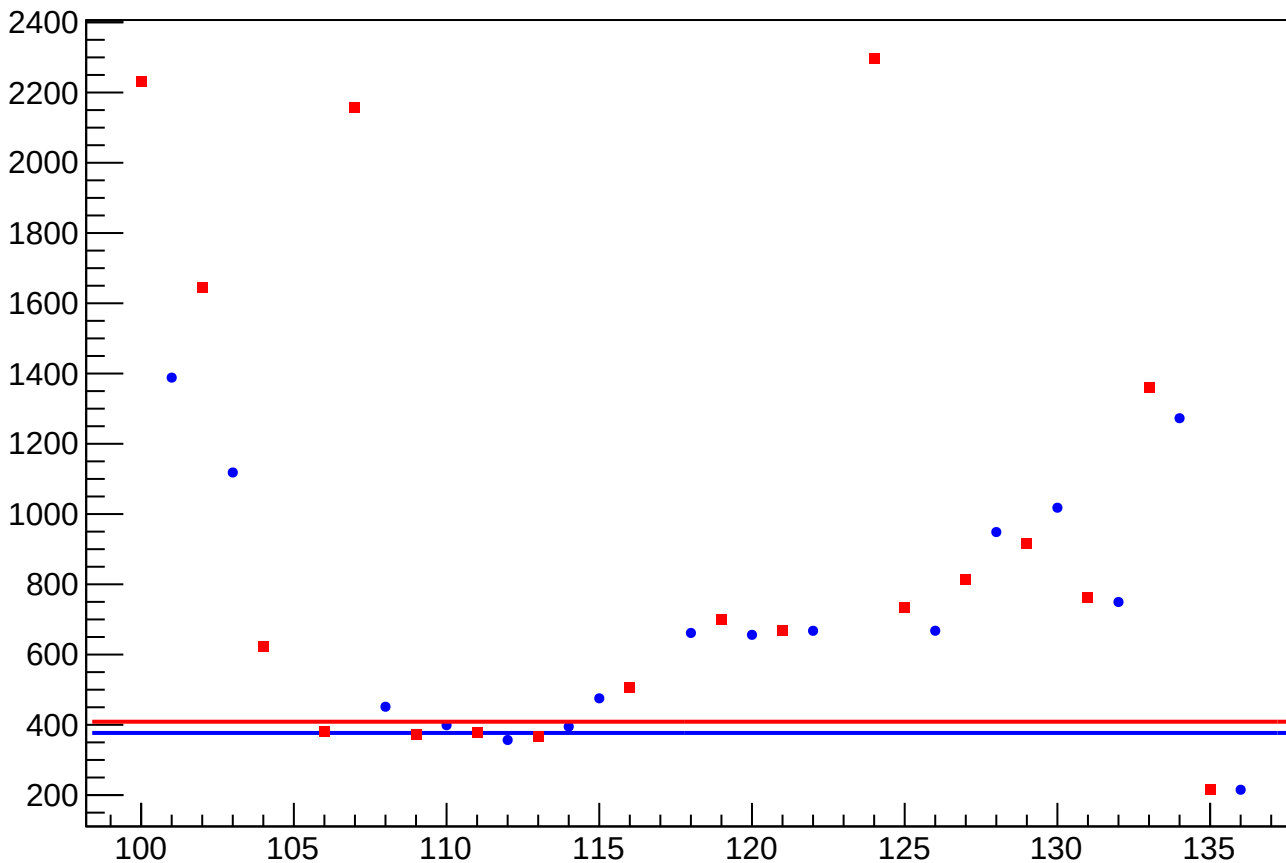
Right: -81.970+/-123.512 χ^2/NDF : 37.8/33

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.970+/-123.512 χ^2/NDF : 37.8/33

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: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

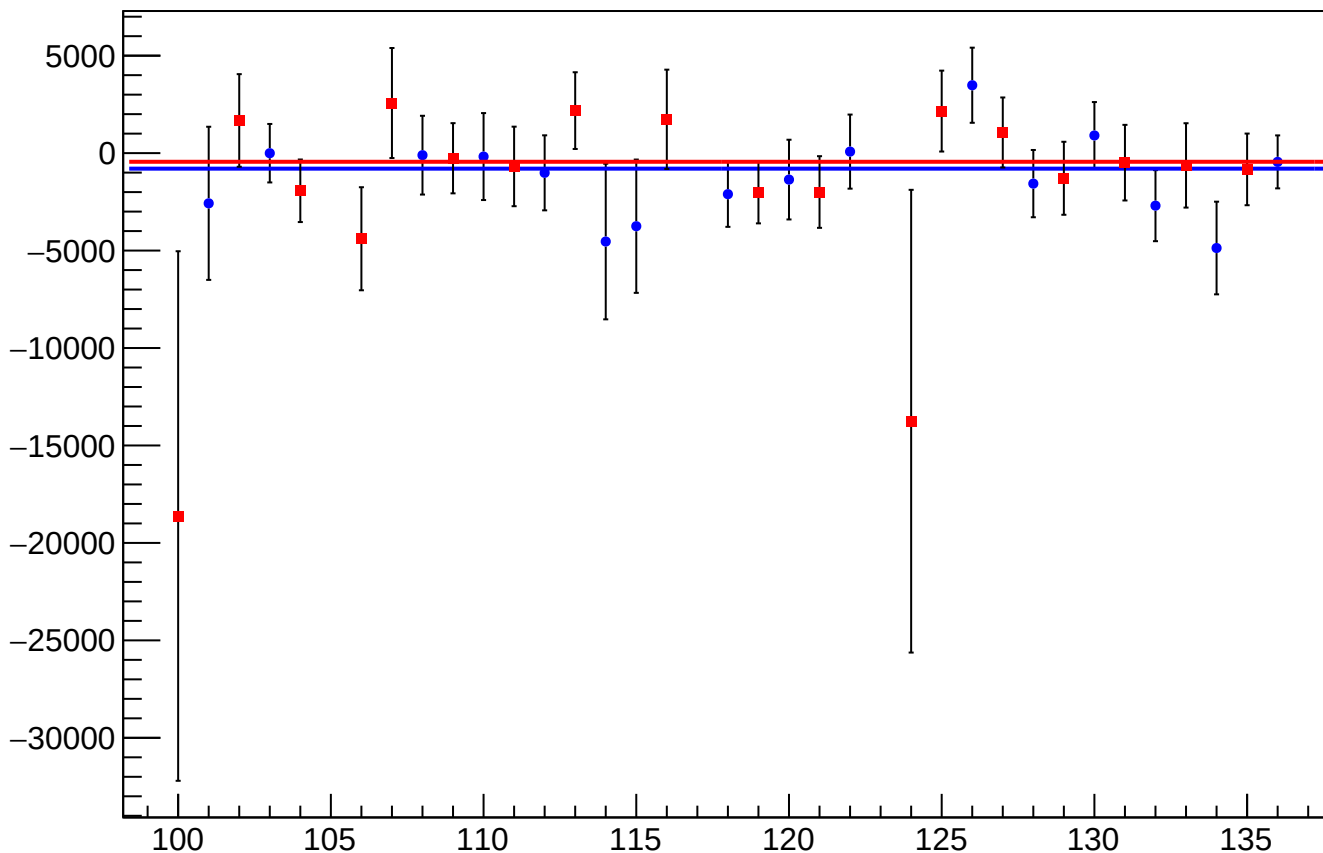
Right: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

In: 376.884+/-0.119 χ^2/NDF :4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

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: -443.872+/-493.581 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

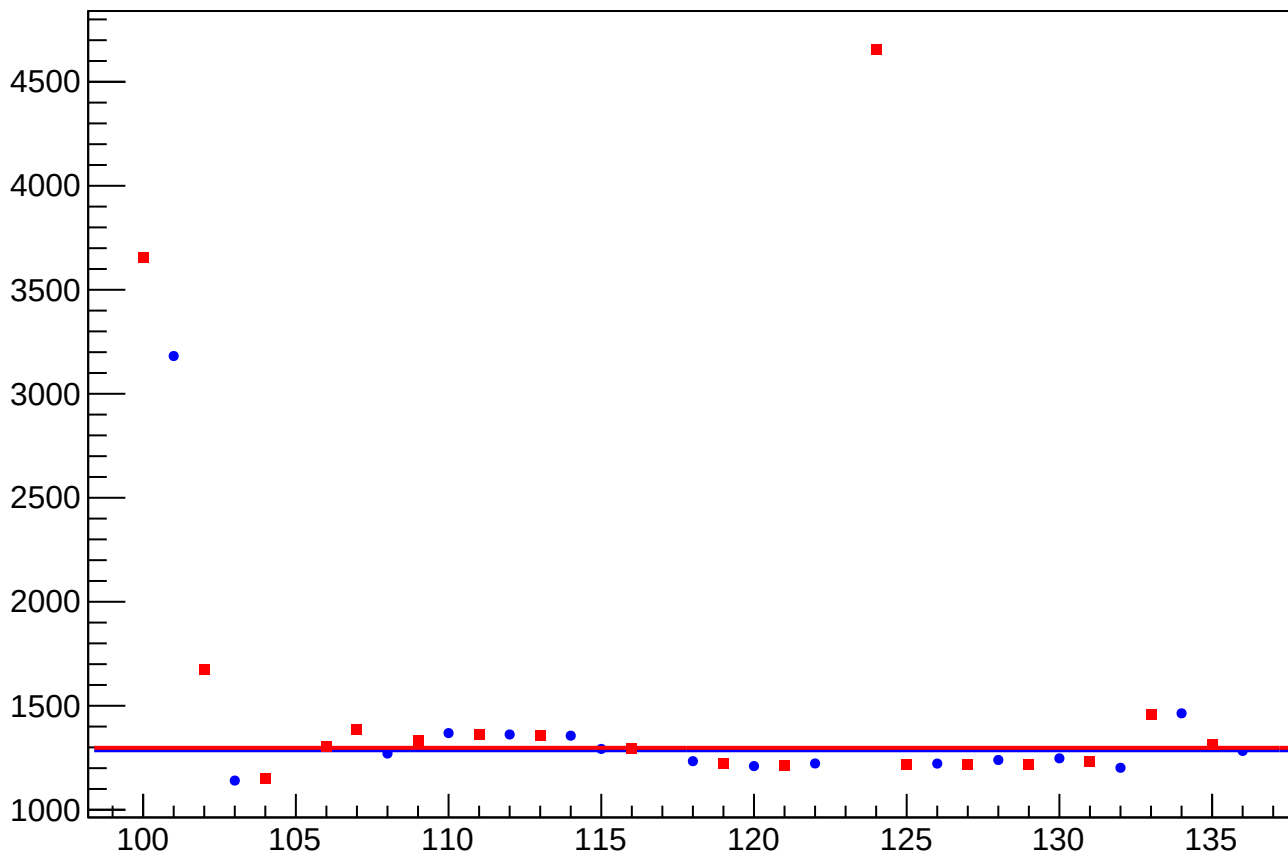
Right: -622.583+/-346.828 χ^2/NDF : 28.5/33

In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.583+/-346.828 χ^2/NDF : 28.5/33

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: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

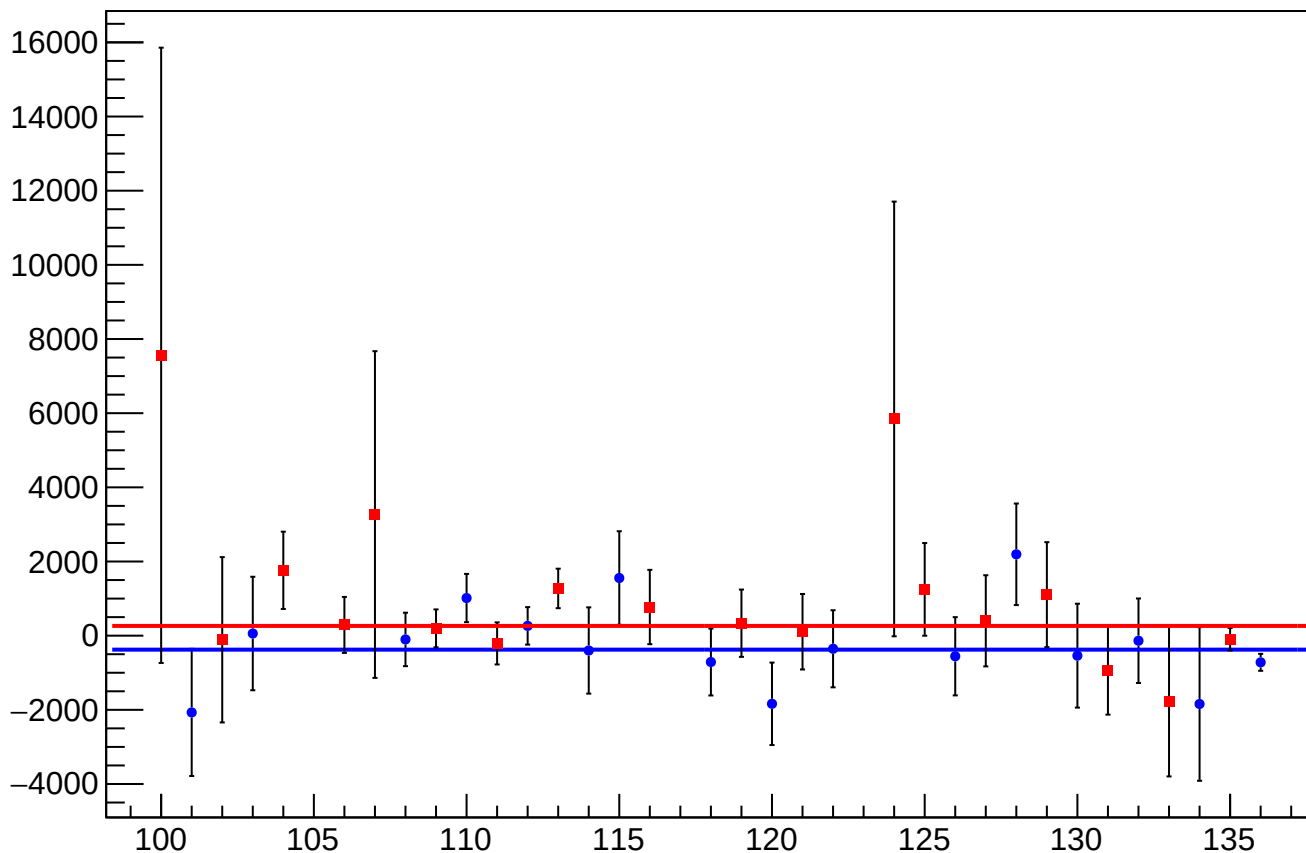
Right: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

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: 262.805+/-181.924 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

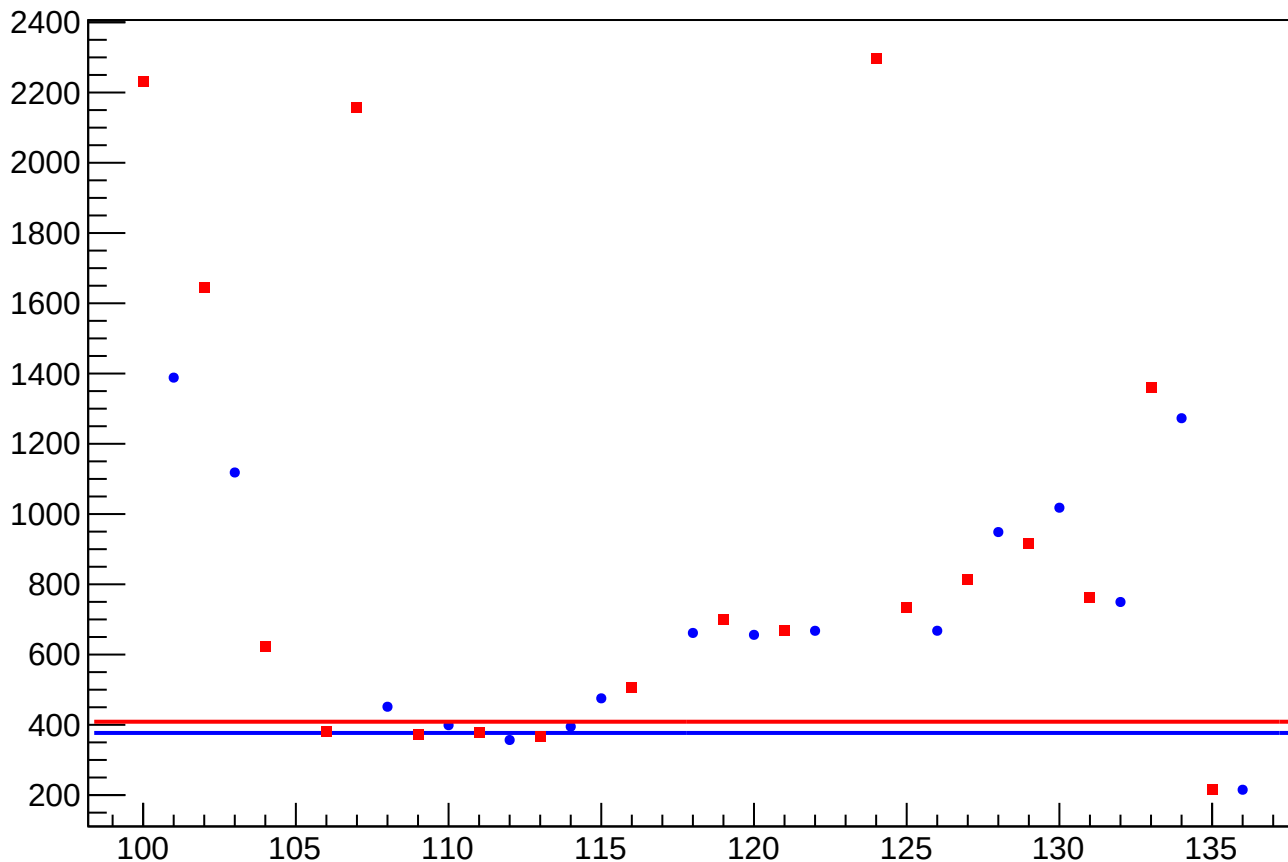
Right: -81.970+/-123.512 χ^2/NDF : 37.8/33

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.970+/-123.512 χ^2/NDF : 37.8/33

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: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

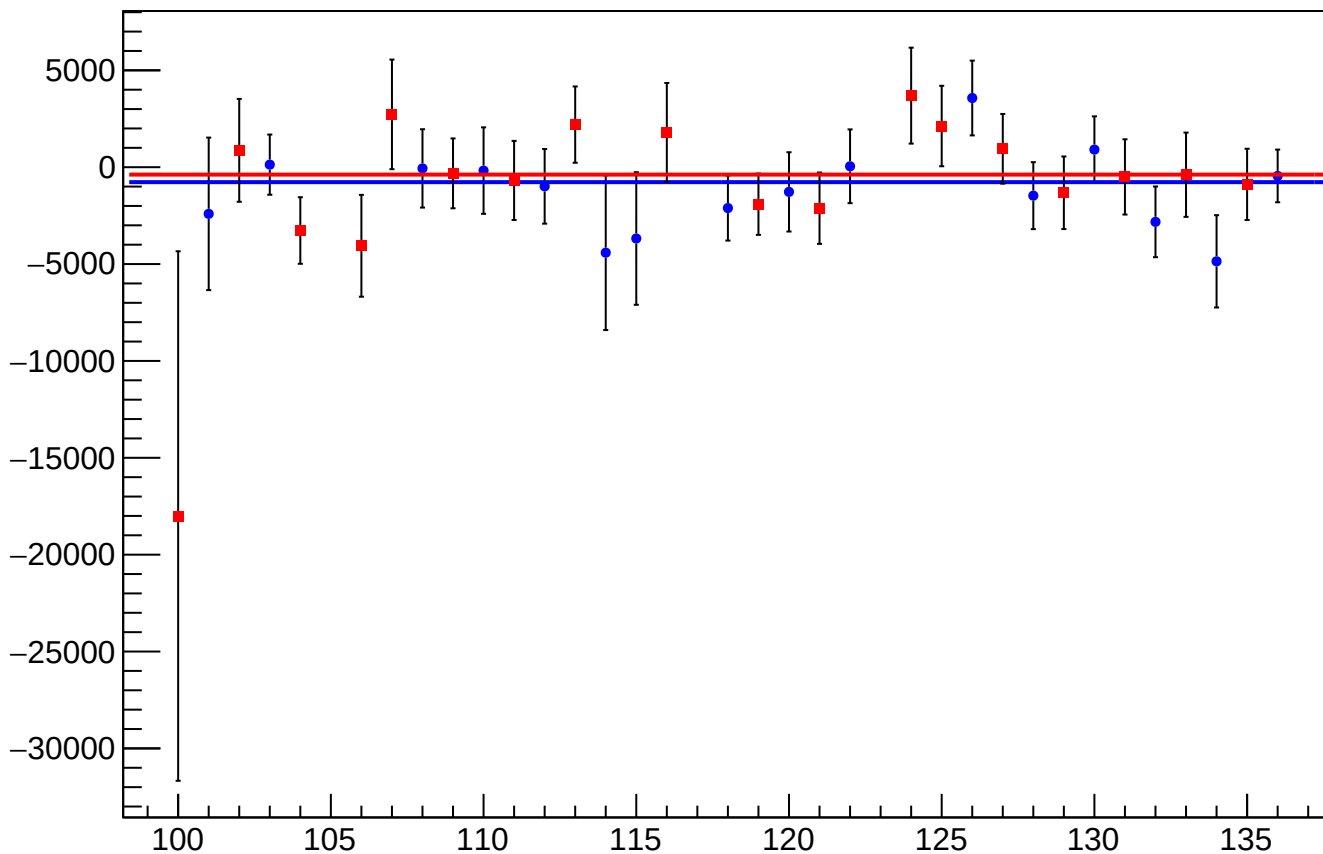
Right: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

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: -382.551+/-489.702 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

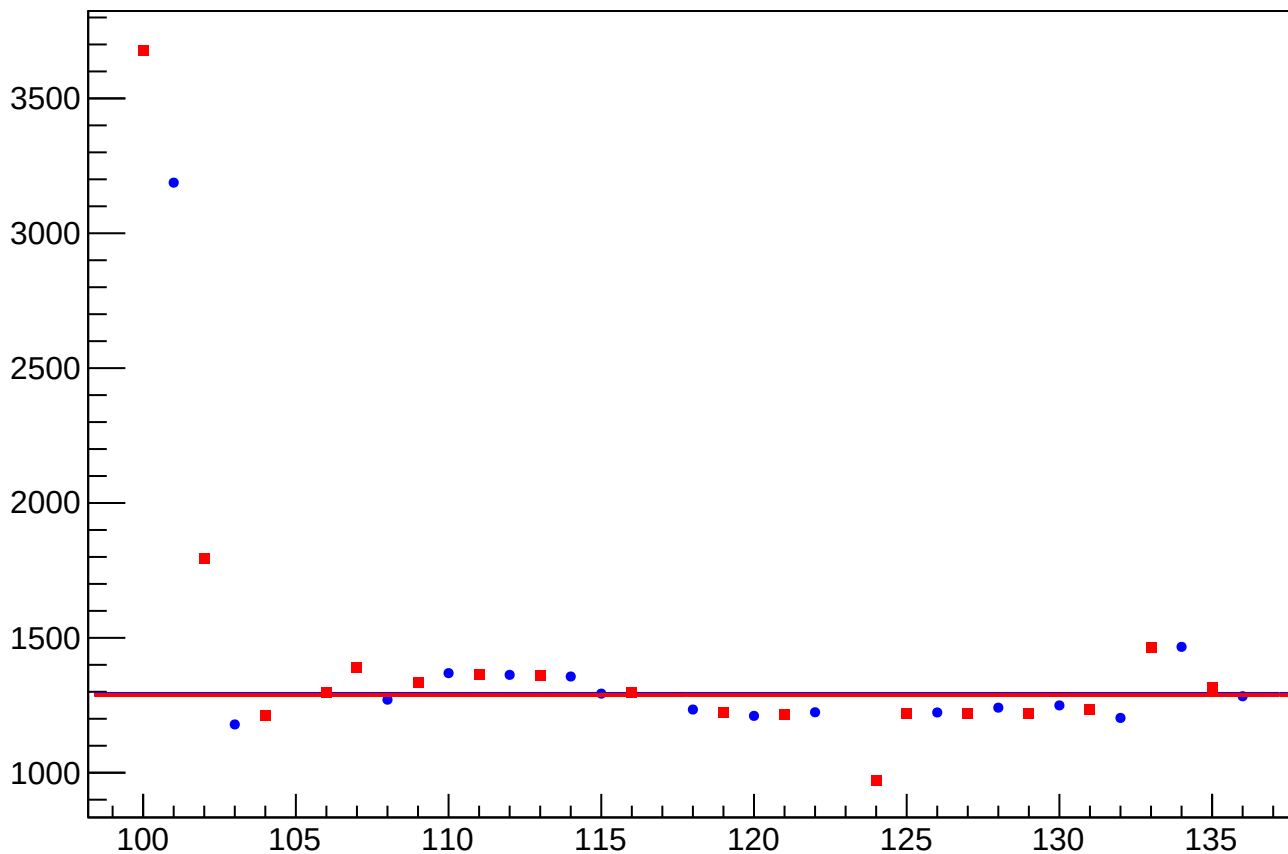
Right: -577.064+/-346.236 χ^2 /NDF: 31.1/33

In: -771.499+/-489.602 χ^2 /NDF:13.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -577.064+/-346.236 χ^2 /NDF: 31.1/33

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: 1288.104+/-0.346 χ^2/NDF : 209204.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

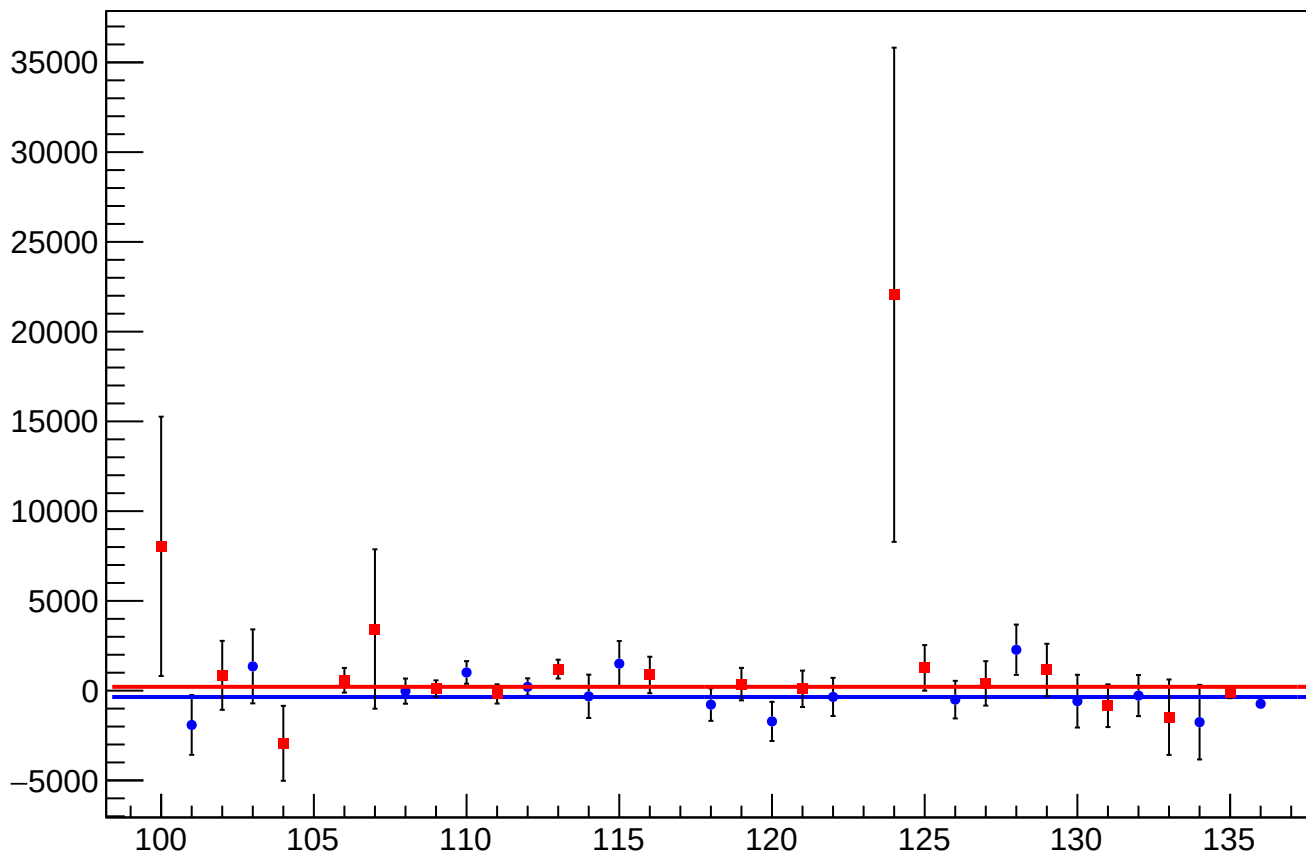
Right: 1290.071+/-0.245 χ^2/NDF : 718675.7/33

In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.071+/-0.245 χ^2/NDF : 718675.7/33

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: 212.763+/-180.728 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

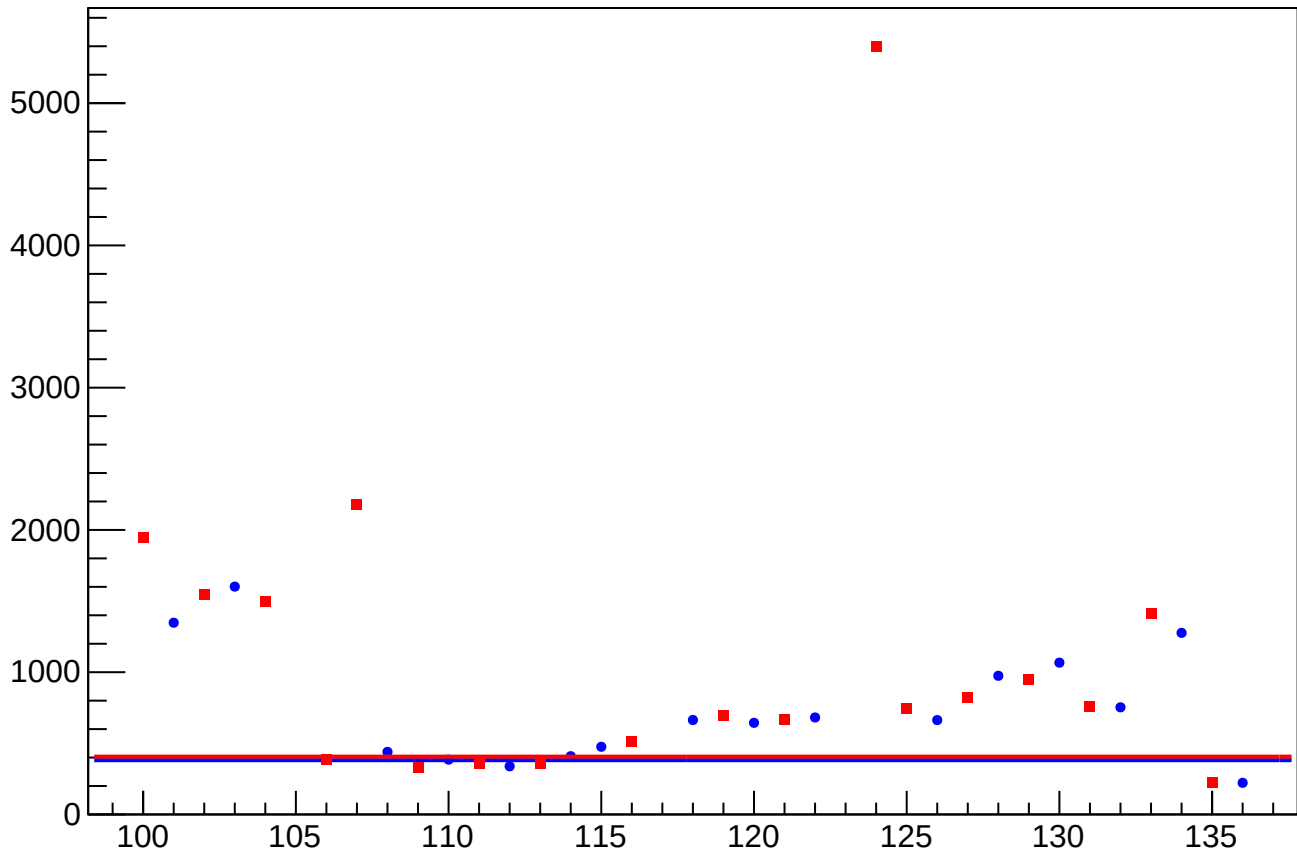
Right: -88.637+/-123.816 χ^2/NDF : 38.7/33

In: -355.226+/-169.971 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.637+/-123.816 χ^2/NDF : 38.7/33

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: 406.612+/-0.128 χ^2/NDF : 4311380.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

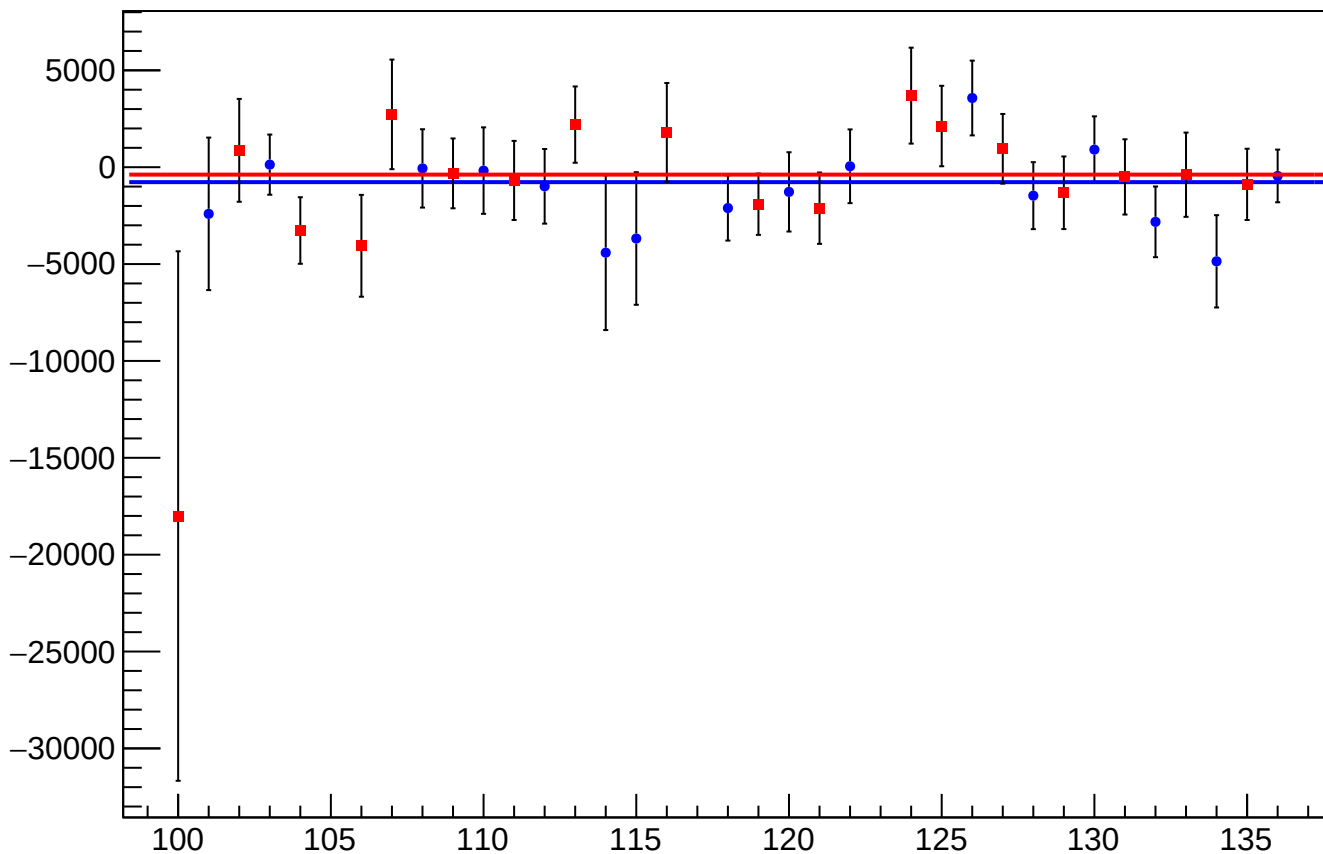
Right: 393.206+/-0.088 χ^2/NDF : 8650039.9/33

In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.206+/-0.088 χ^2/NDF : 8650039.9/33

eigen_dit_asym_atl_avg_atr_avg_dd_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: -382.553+/-489.702 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

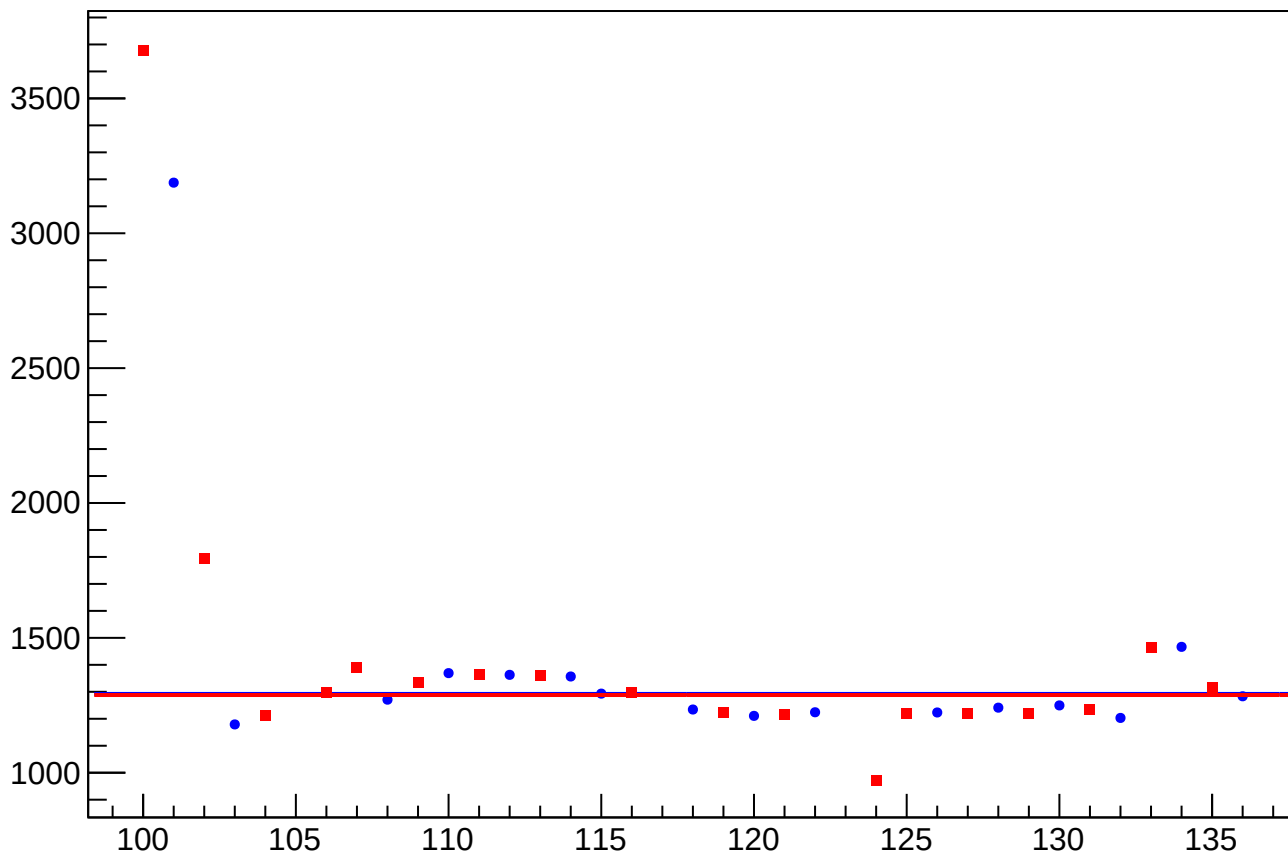
Right: -577.067+/-346.236 χ^2/NDF : 31.1/33

In: -771.501+/-489.602 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -577.067+/-346.236 χ^2/NDF : 31.1/33

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: 1288.104+/-0.346 χ^2/NDF : 209205.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

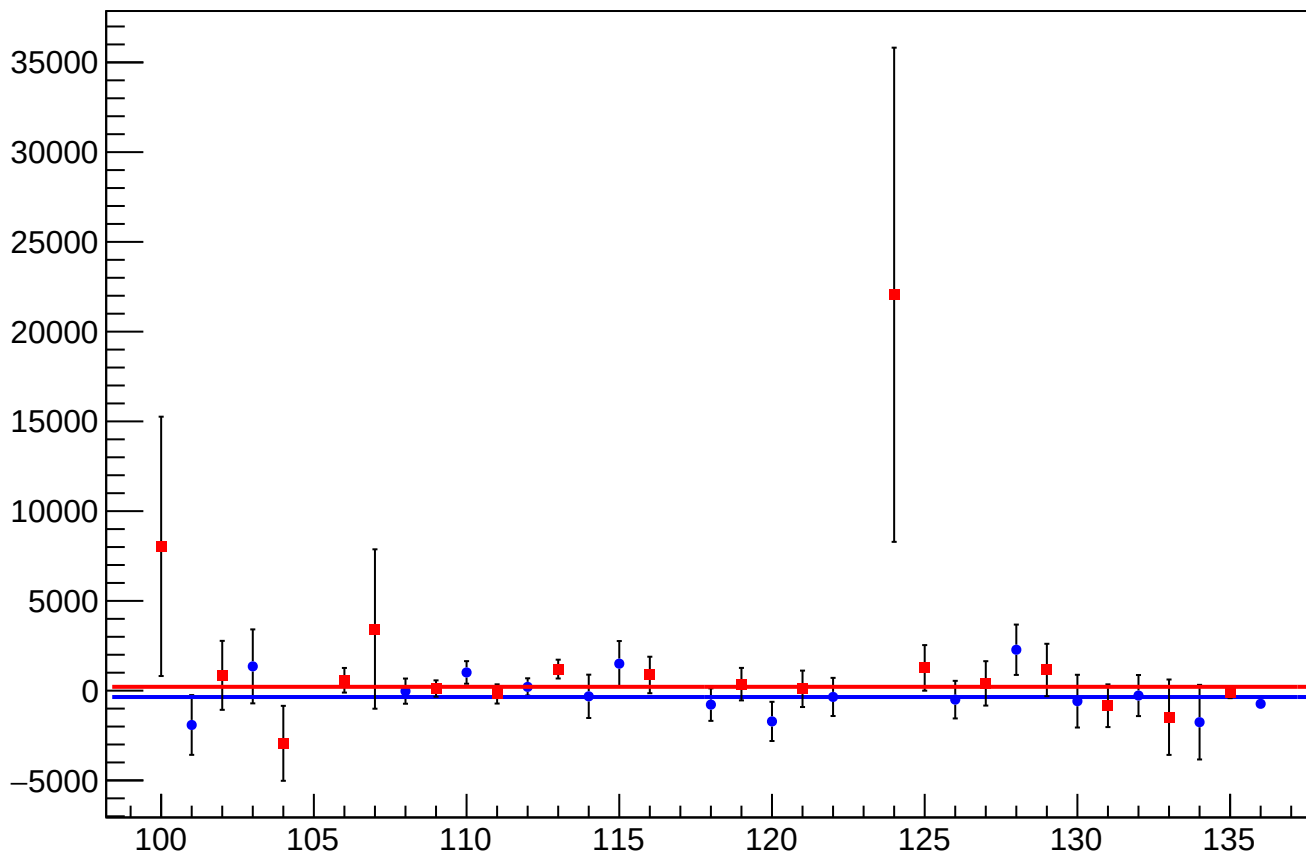
Right: 1290.071+/-0.245 χ^2/NDF : 718676.0/33

In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.071+/-0.245 χ^2/NDF : 718676.0/33

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: 212.765+/-180.730 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

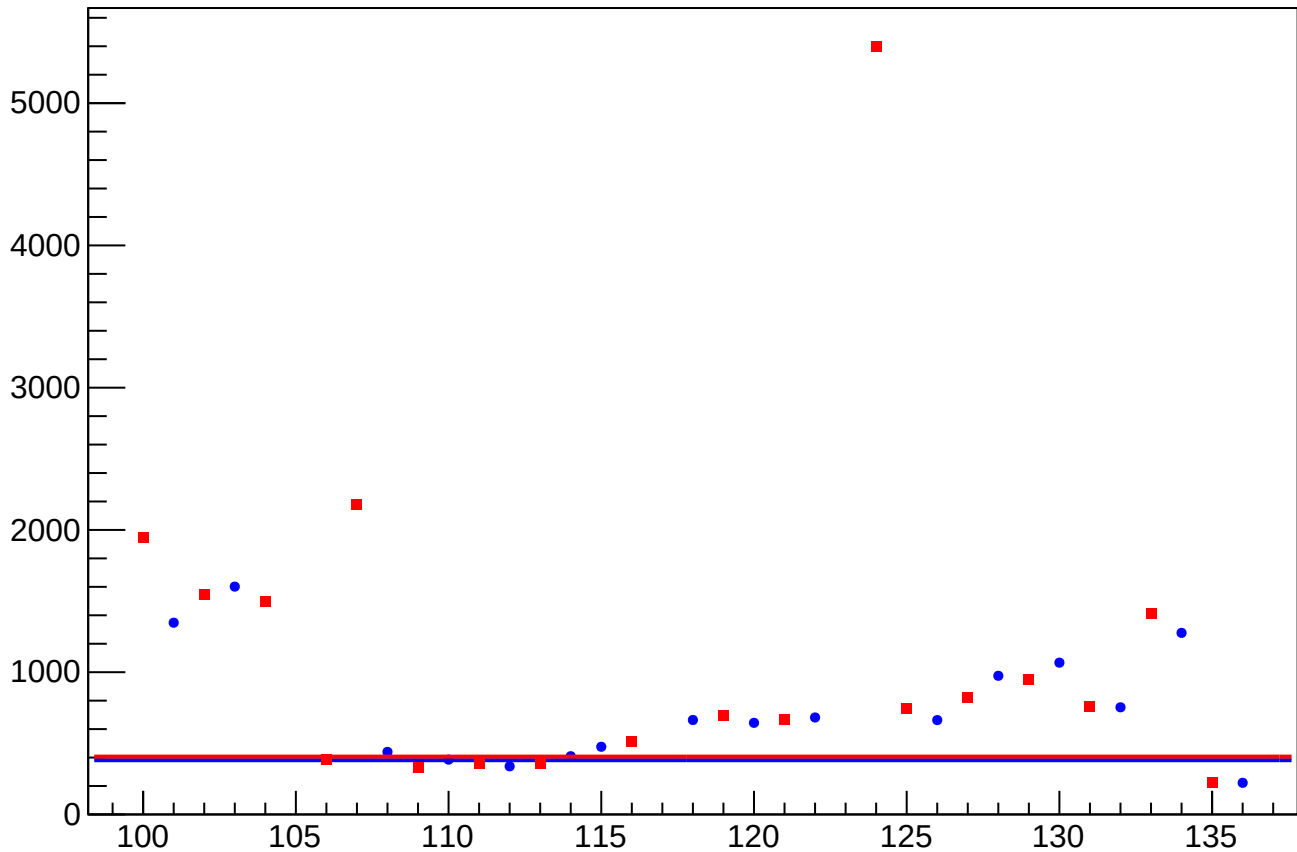
Right: -88.634+/-123.817 χ^2 /NDF: 38.7/33

In: -355.226+/-169.973 χ^2 /NDF:18.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -88.634+/-123.817 χ^2 /NDF: 38.7/33

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: 406.618+/-0.128 χ^2/NDF : 4311261.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

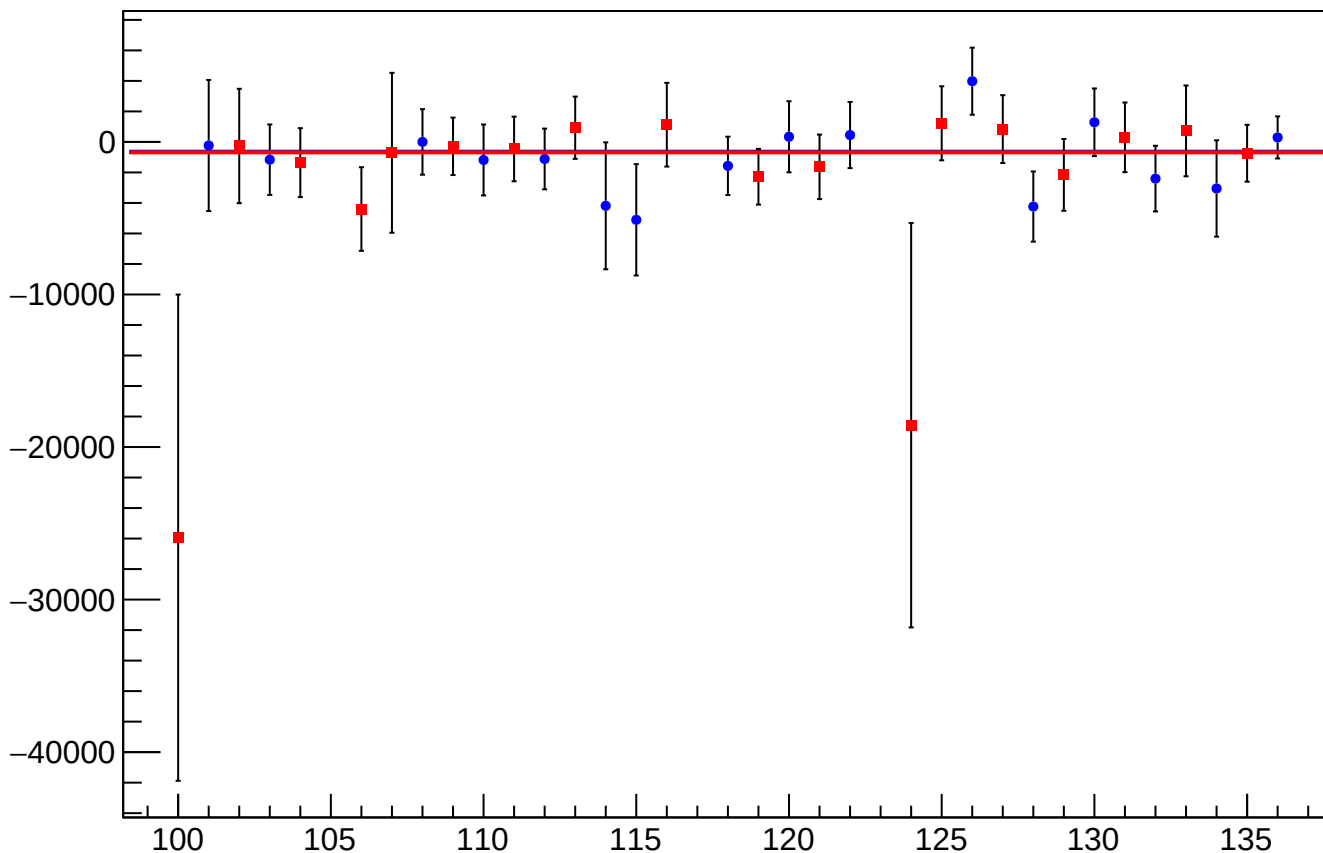
Right: 393.215+/-0.088 χ^2/NDF : 8649729.1/33

In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.215+/-0.088 χ^2/NDF : 8649729.1/33

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: -684.670+/-578.002 χ^2/NDF : 10.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

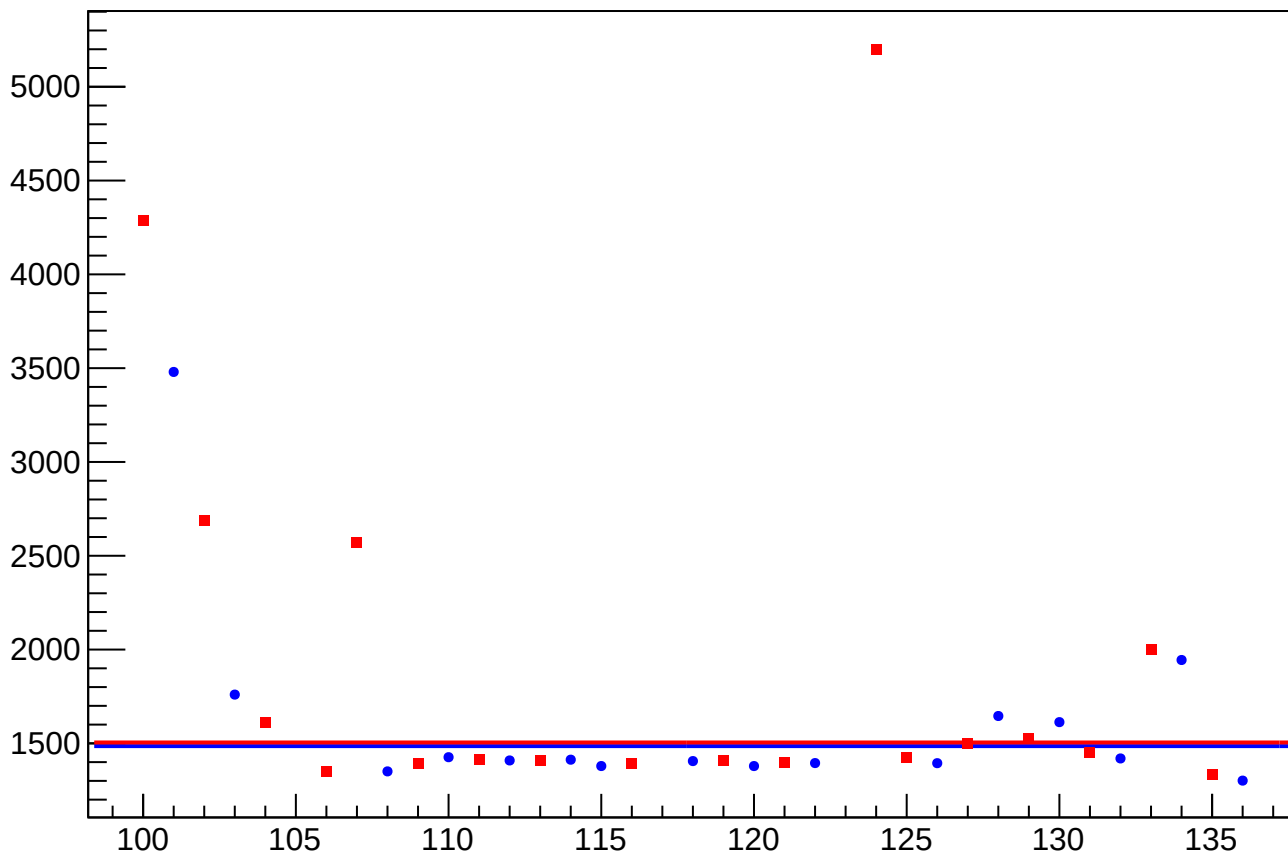
Right: -662.224+/-403.802 χ^2/NDF : 22.7/33

In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -662.224+/-403.802 χ^2/NDF : 22.7/33

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: 1504.717+/-0.409 χ^2/NDF : 613699.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

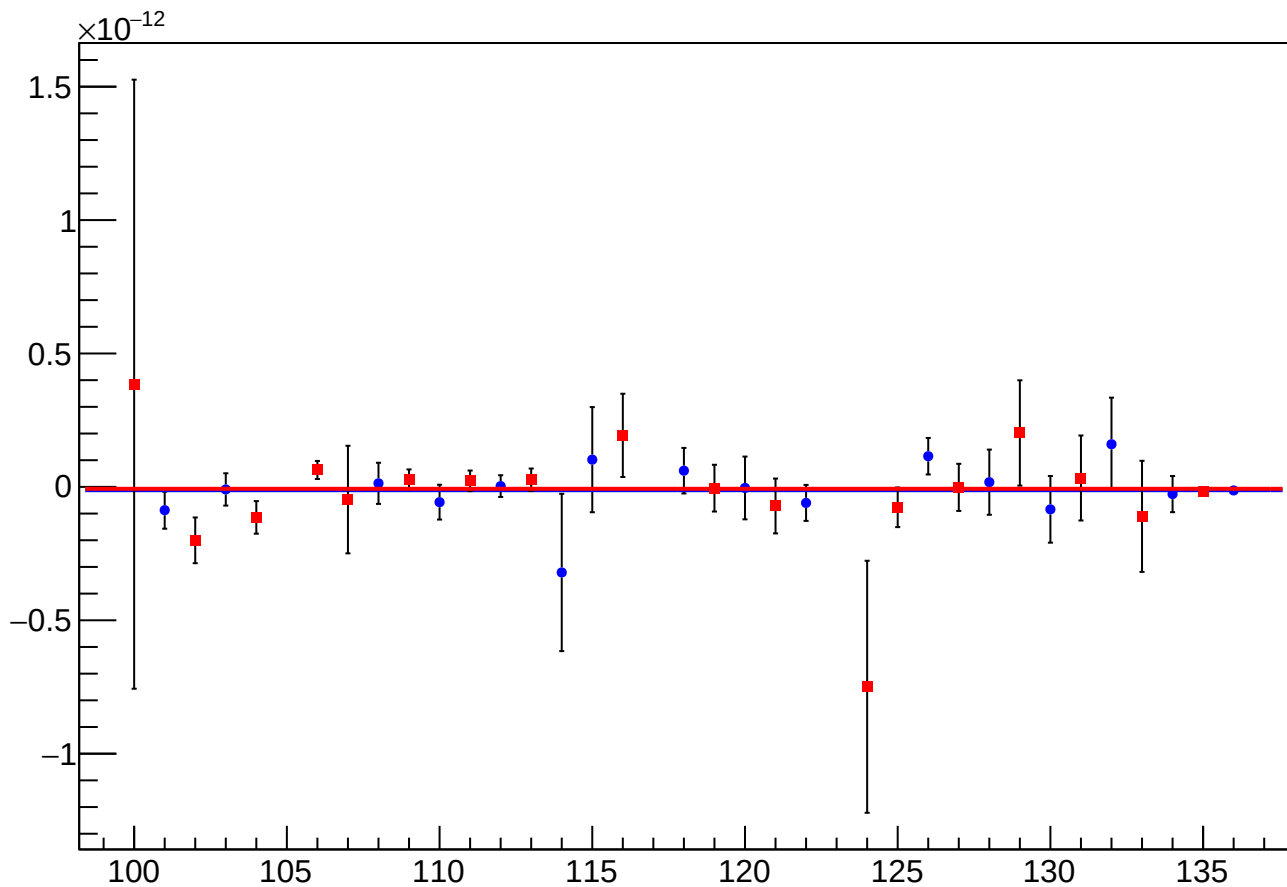
Right: 1494.813+/-0.286 χ^2/NDF : 1199316.8/33

In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.813+/-0.286 χ^2/NDF : 1199316.8/33

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 : 22.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

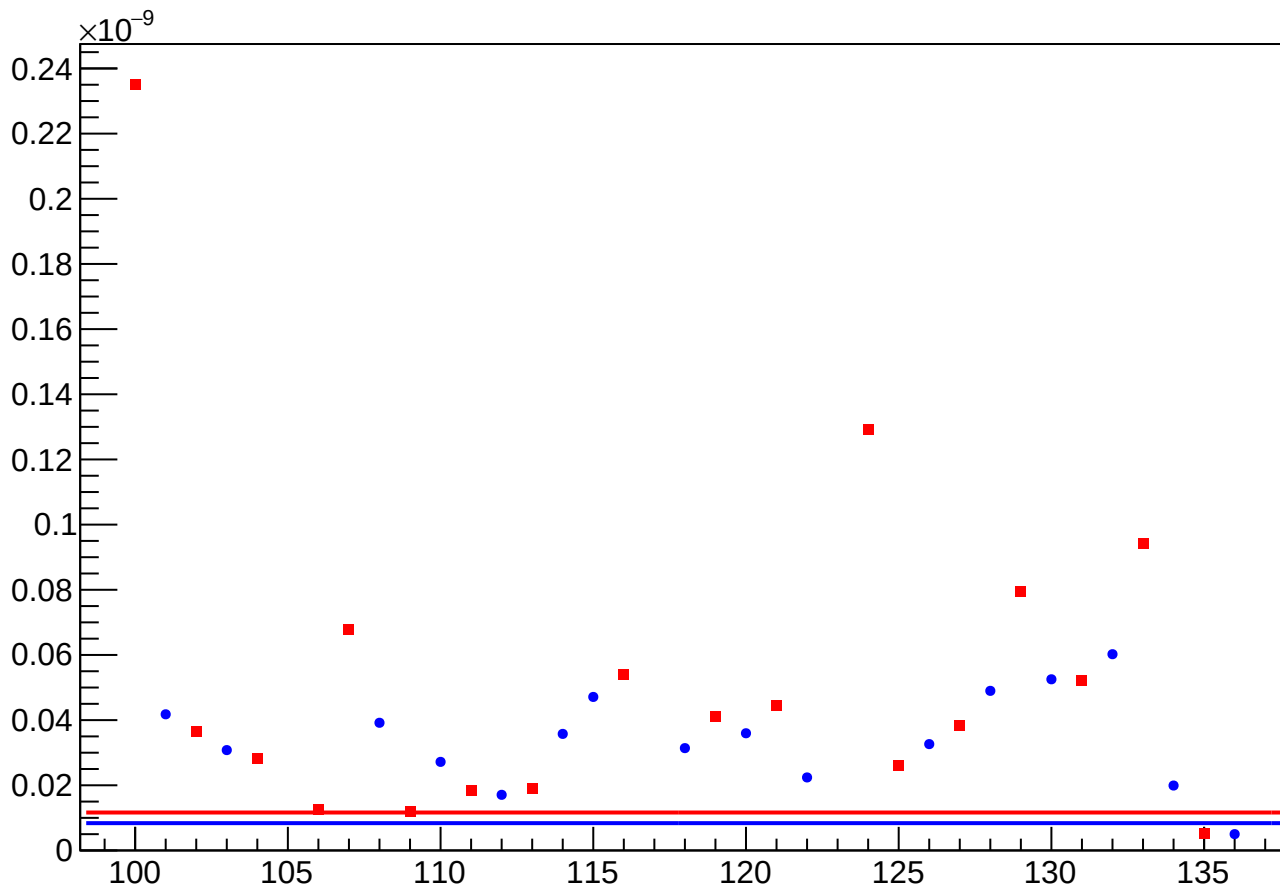
Right: -0.000+/-0.000 χ^2/NDF : 31.7/33

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 : 31.7/33

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 : 2816185.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

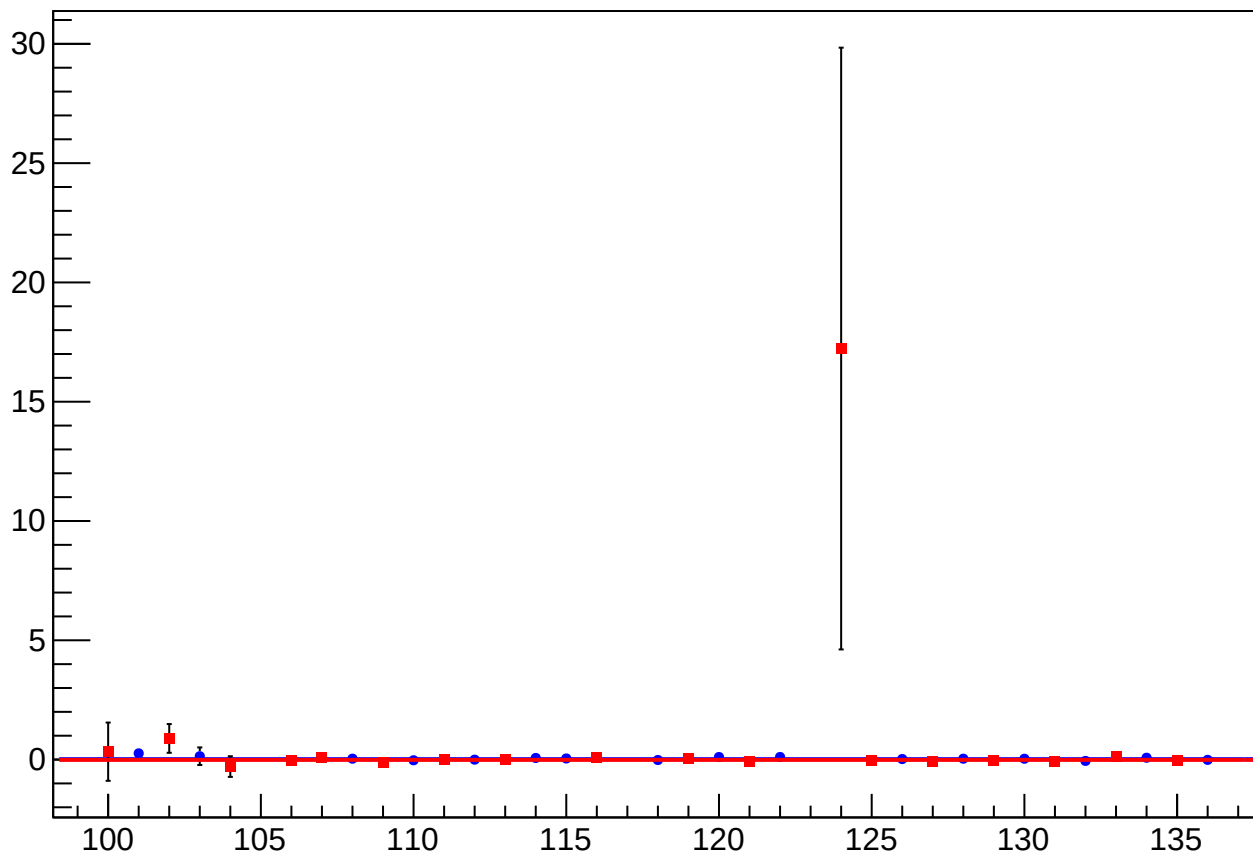
Right: 0.000+/-0.000 χ^2/NDF : 6013457.6/33

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 : 6013457.6/33

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: -0.012+/-0.016 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

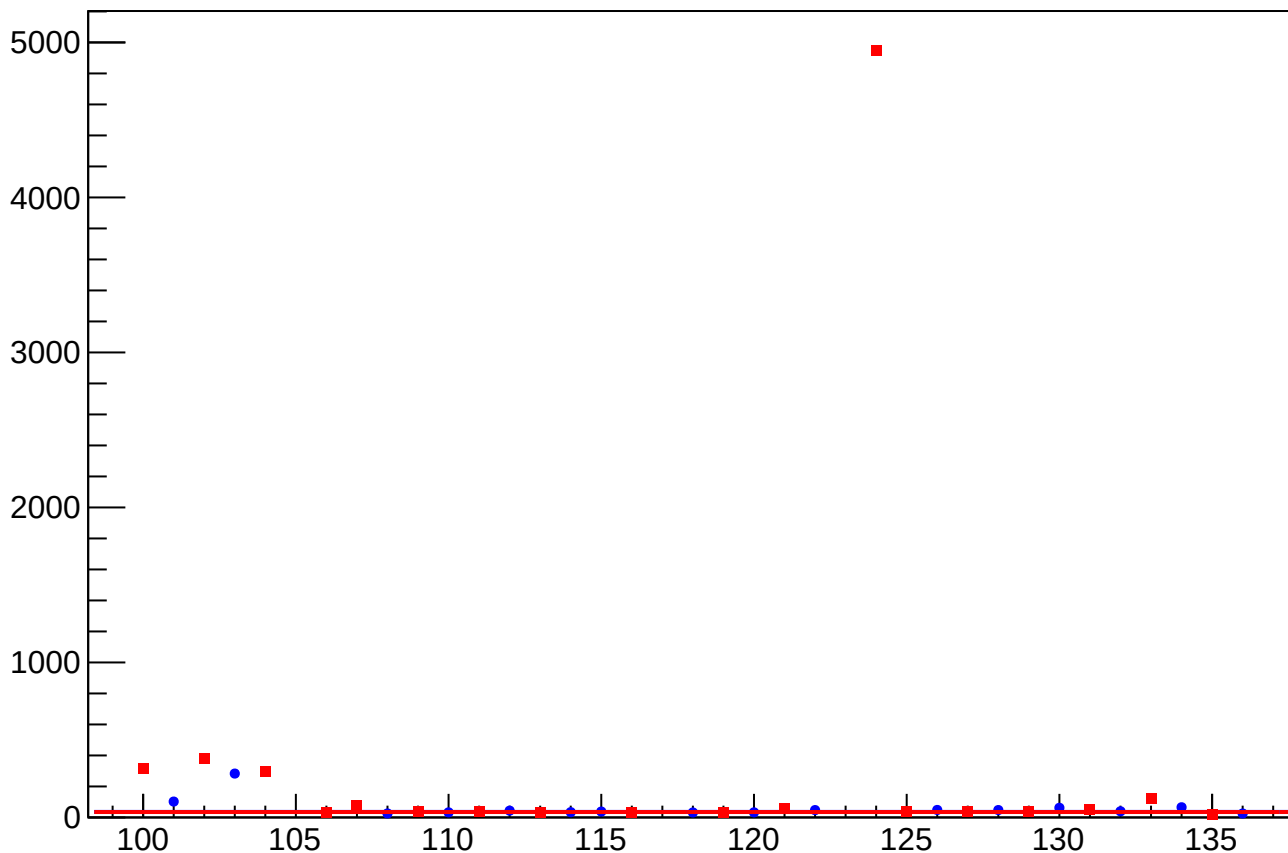
Right: 0.003+/-0.011 χ^2/NDF : 29.1/33

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 29.1/33

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 35.742+/-0.011 χ^2/NDF : 2264790.8/15

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

Right Out: 35.026+/-0.011 χ^2/NDF : 2905561.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

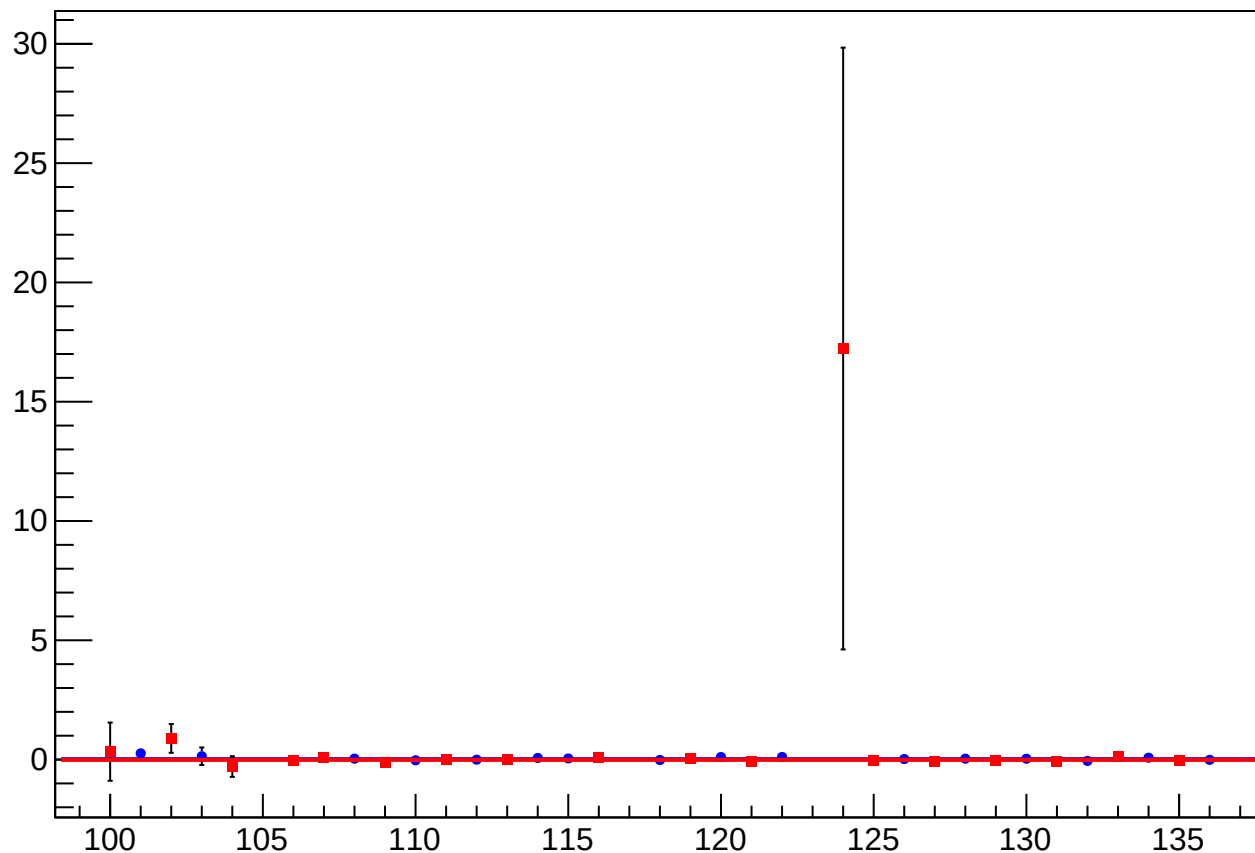
Right: 35.397+/-0.008 χ^2/NDF : 5172421.5/33

In: 35.742+/-0.011 χ^2/NDF : 2264790.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.397+/-0.008 χ^2/NDF : 5172421.5/33

asym_atl_avg_atr_avg_dd_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: -0.012 $\pm$ 0.016 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

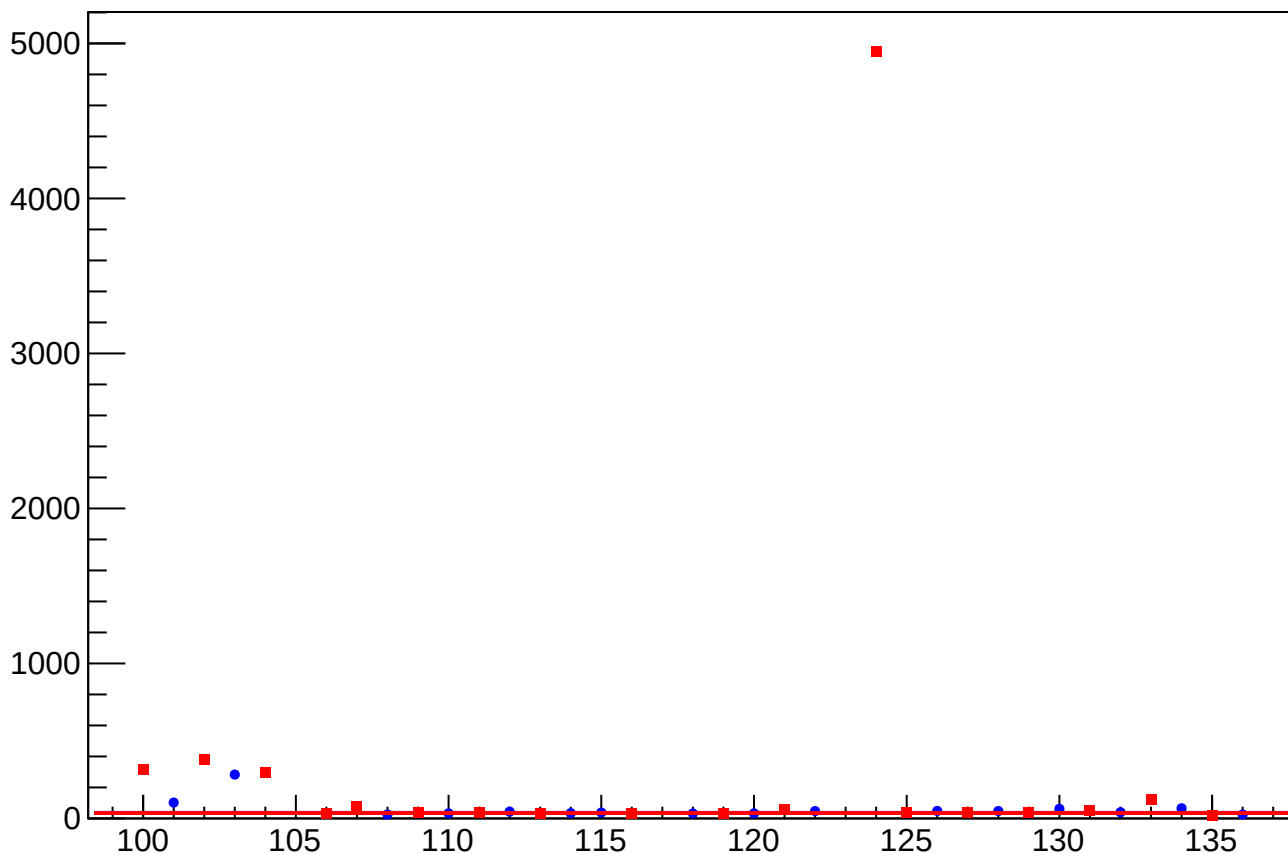
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 35.026 $\pm$ 0.011 χ^2 /NDF: 2905561.0/17

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

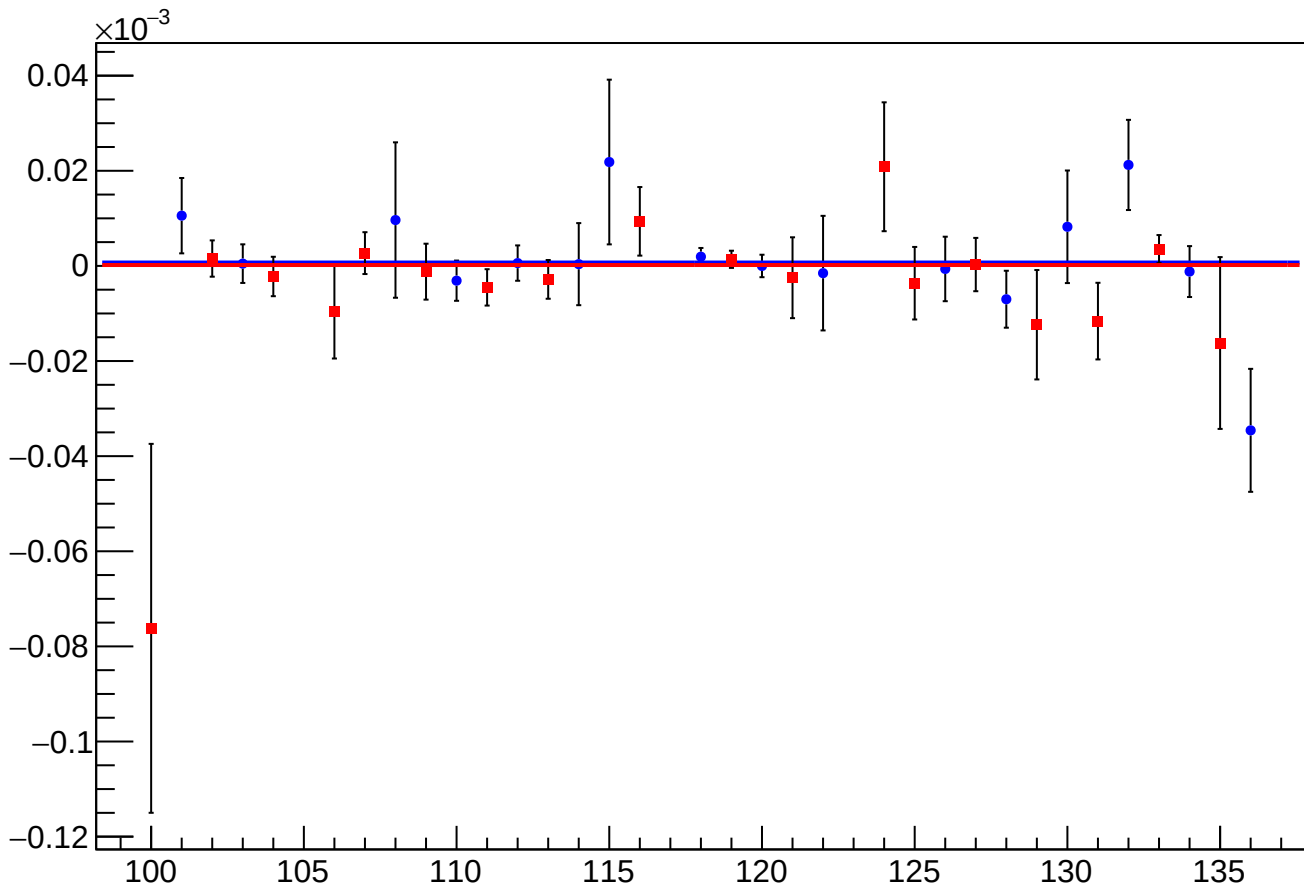
Right: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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 : 18.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

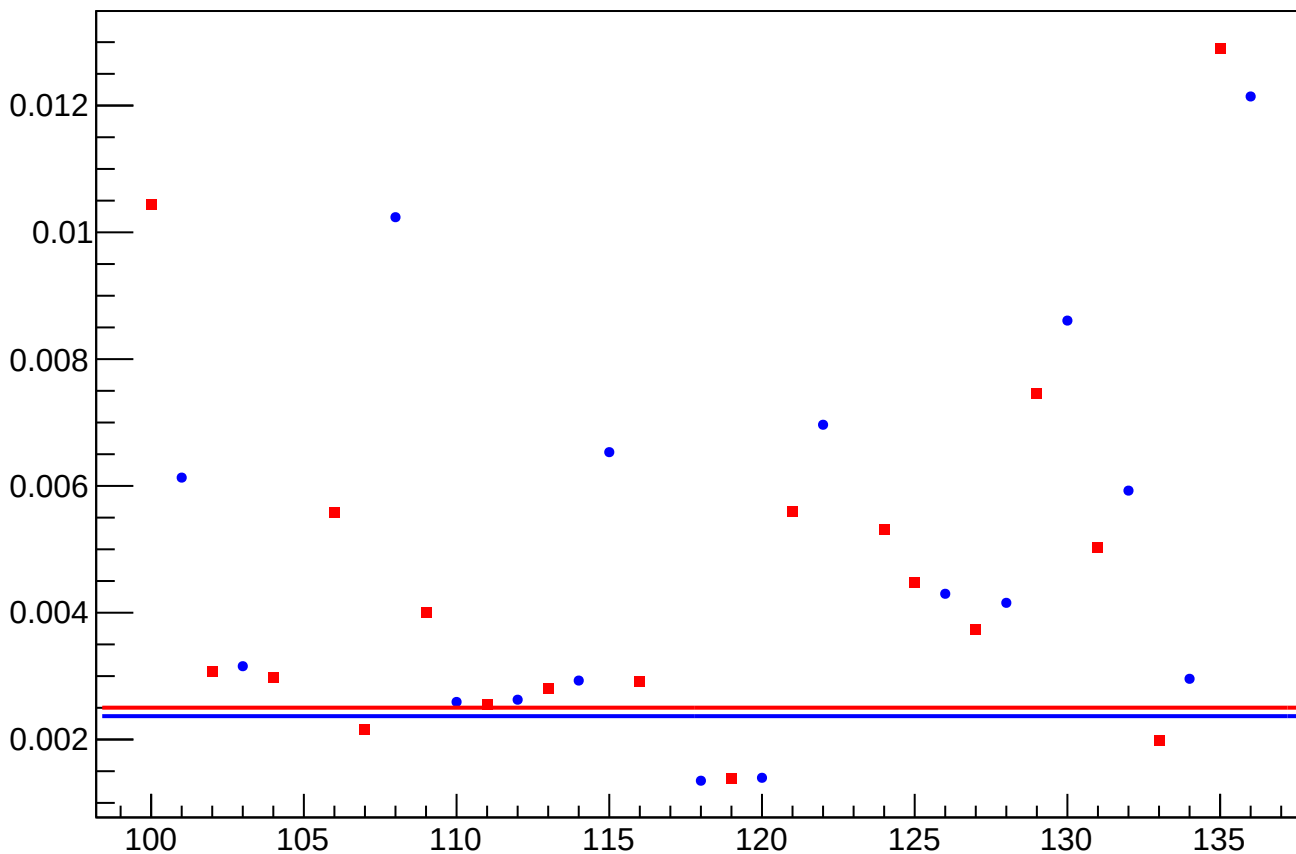
Right: 0.000+/-0.000 χ^2/NDF : 37.2/33

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 : 37.2/33

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 : 3146277.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

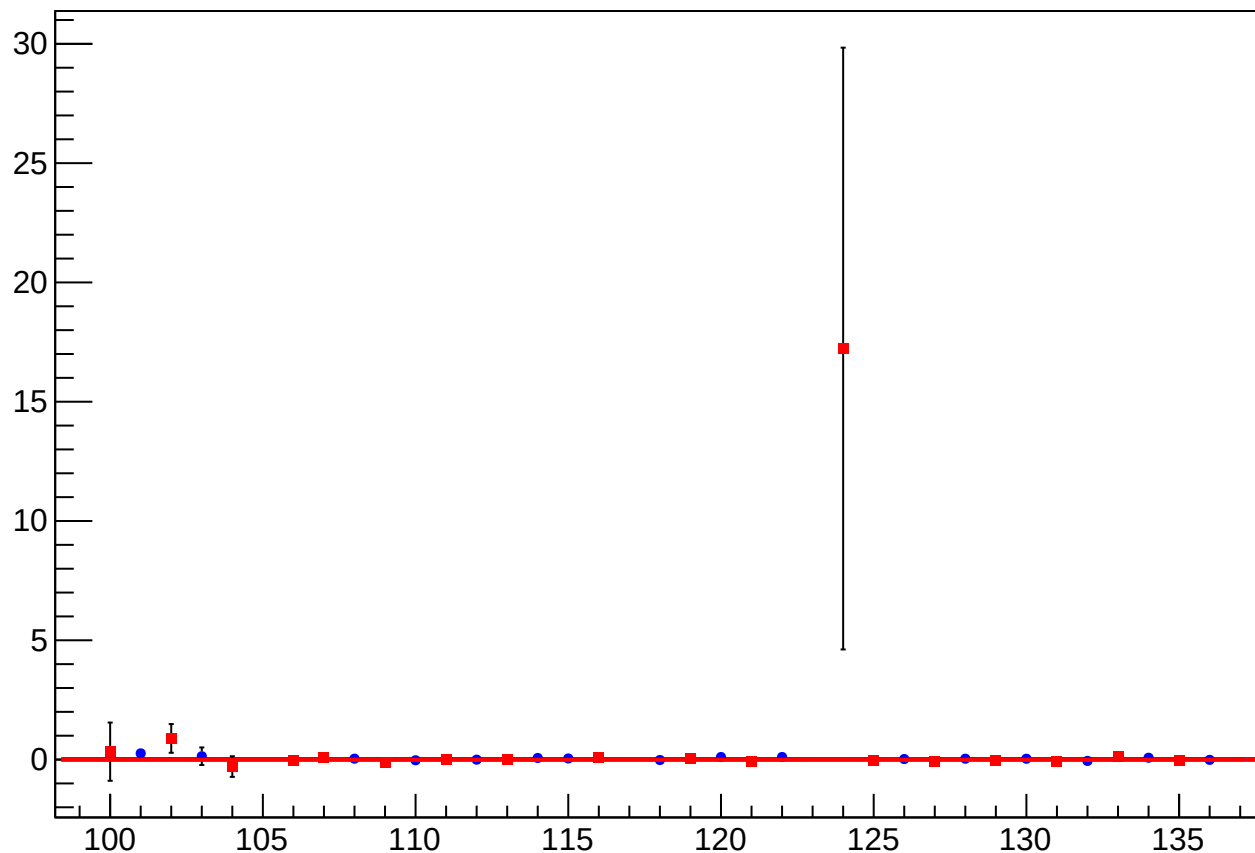
Right: 0.002+/-0.000 χ^2/NDF : 7883085.8/33

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 : 7883085.8/33

asym_atl_avg_atr_avg_dd_eigen_dit_vs_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: -0.012 $\pm$ 0.016 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

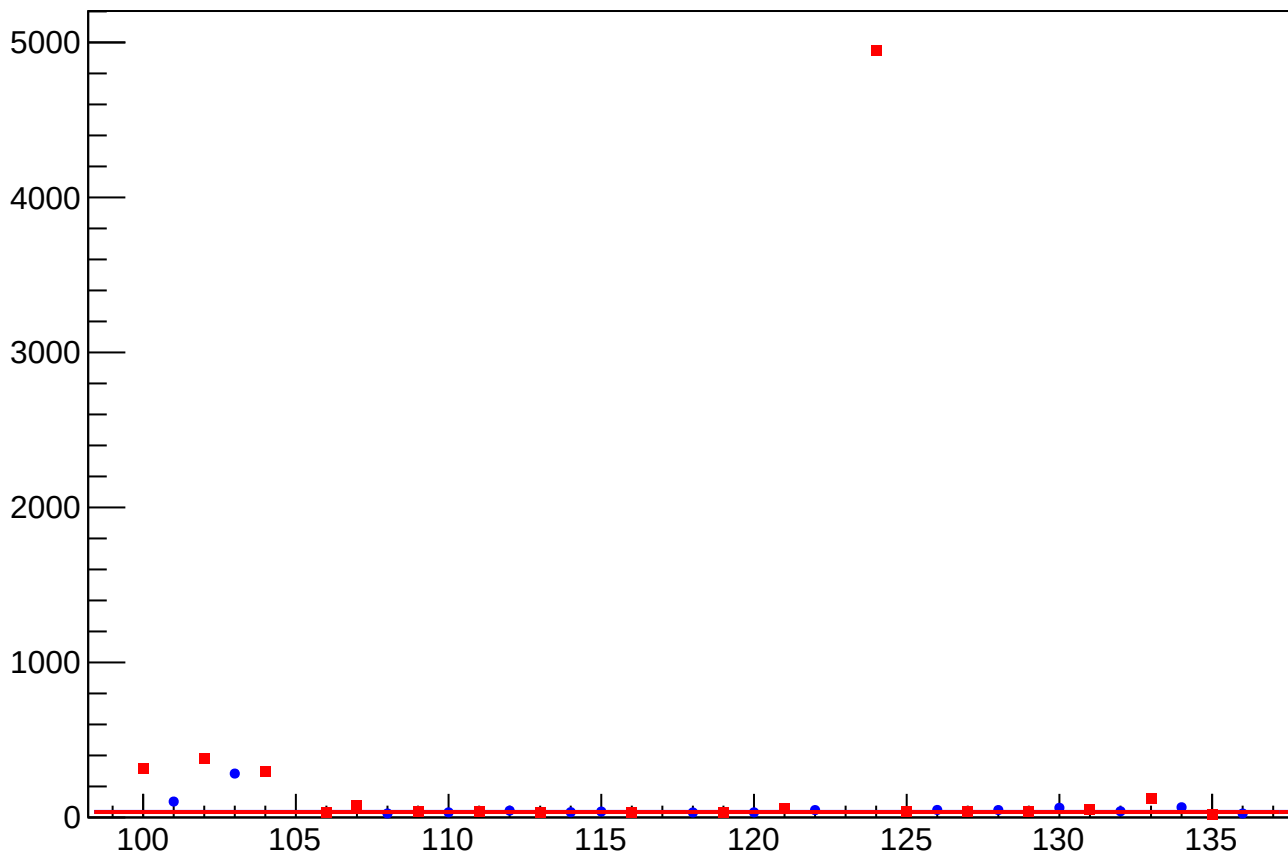
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

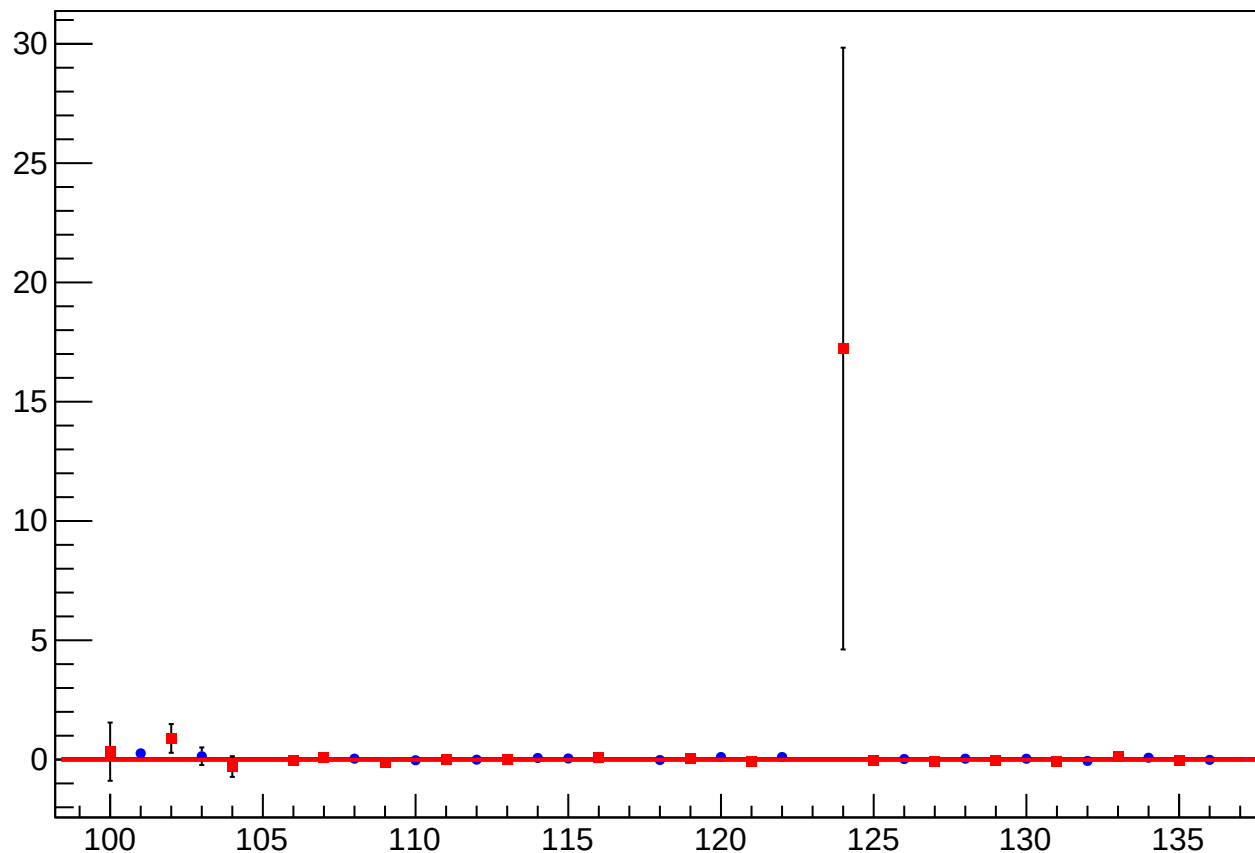
Right: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

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: -0.012 $\pm$ 0.016 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

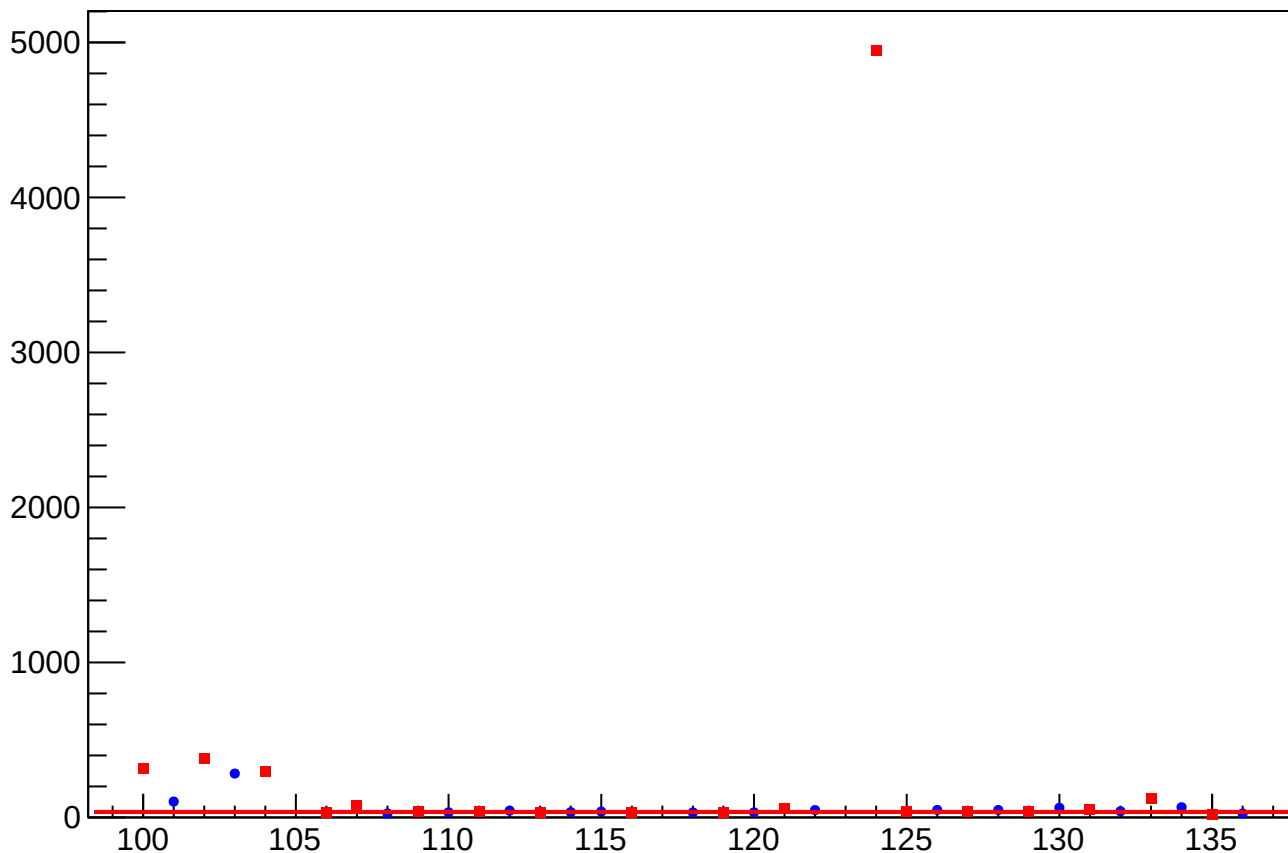
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

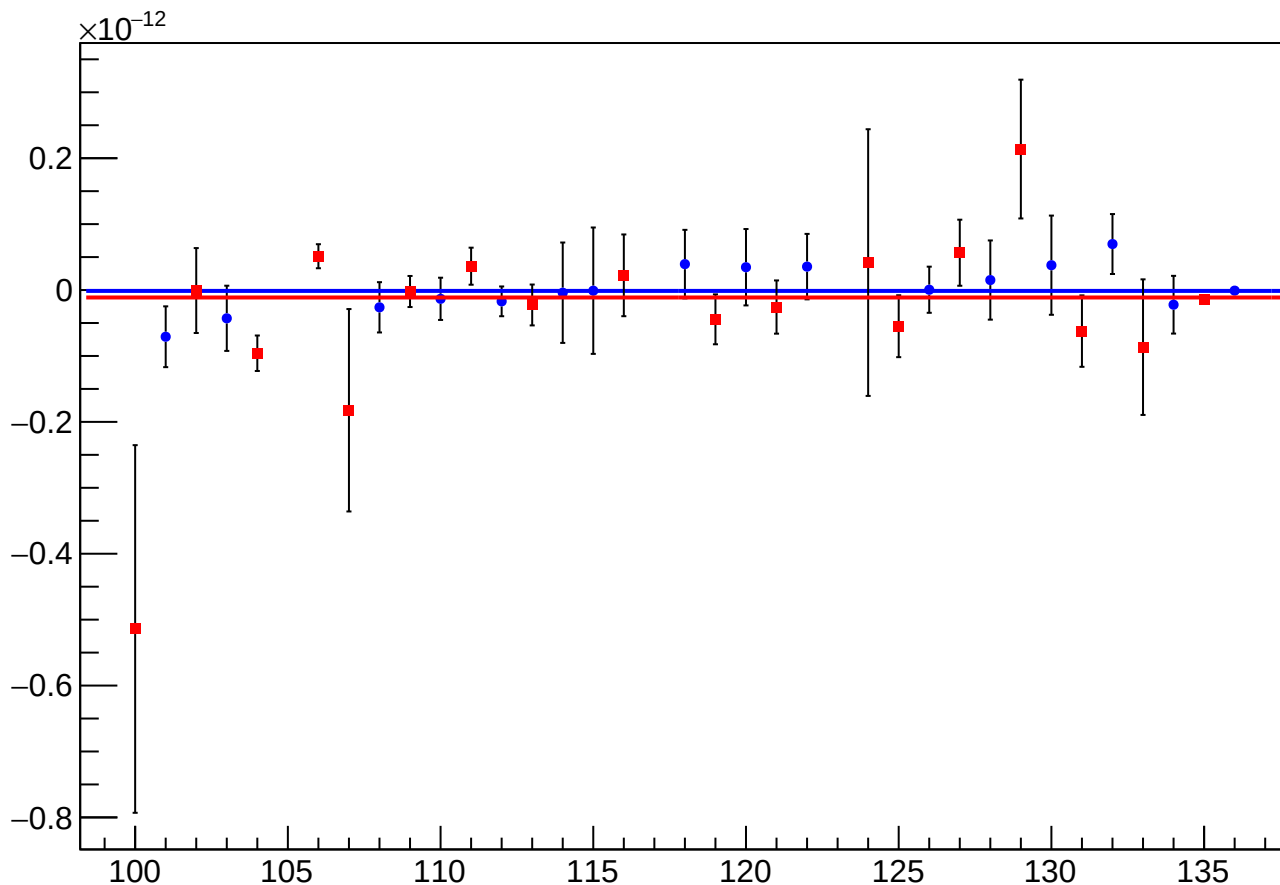
Right: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

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 : 39.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

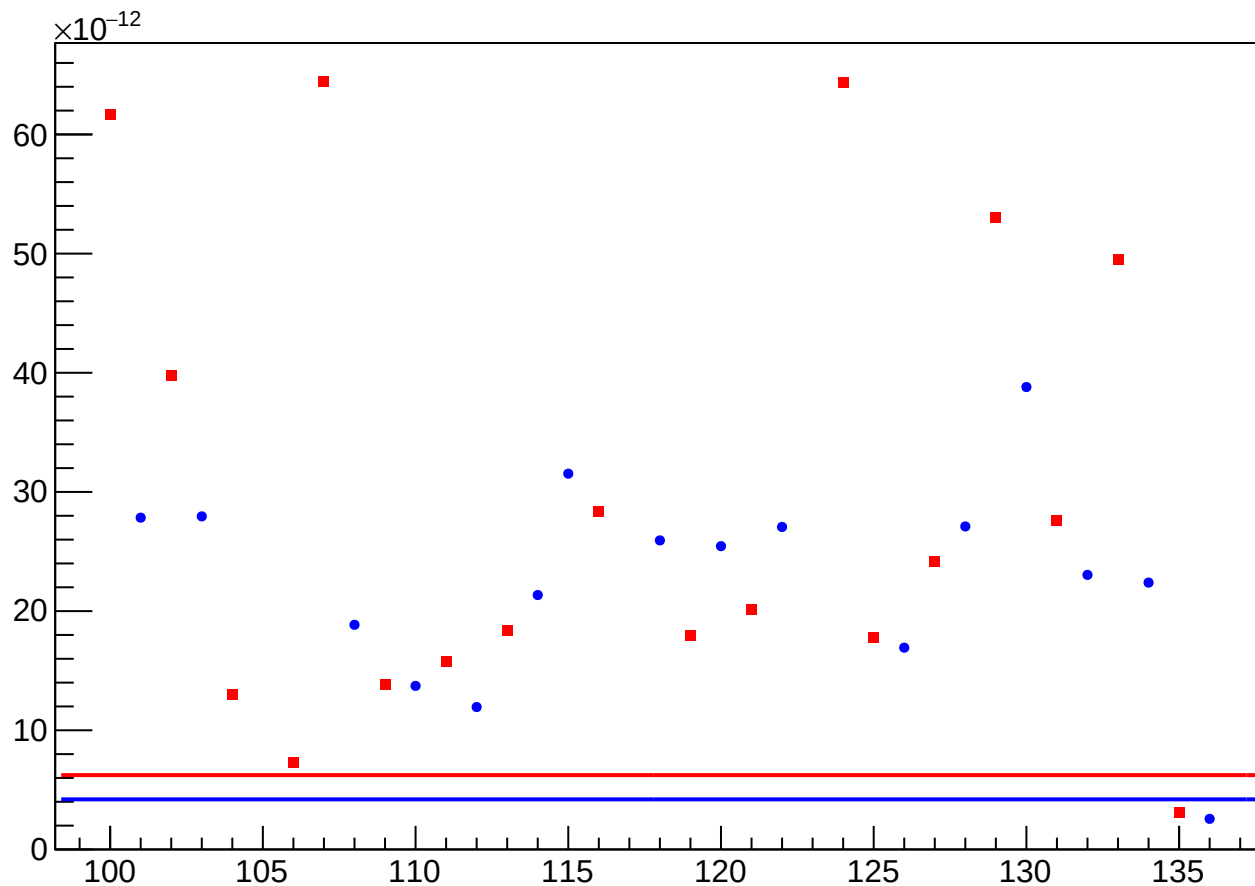
Right: -0.000+/-0.000 χ^2/NDF : 51.3/33

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 : 51.3/33

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 : 4789950.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

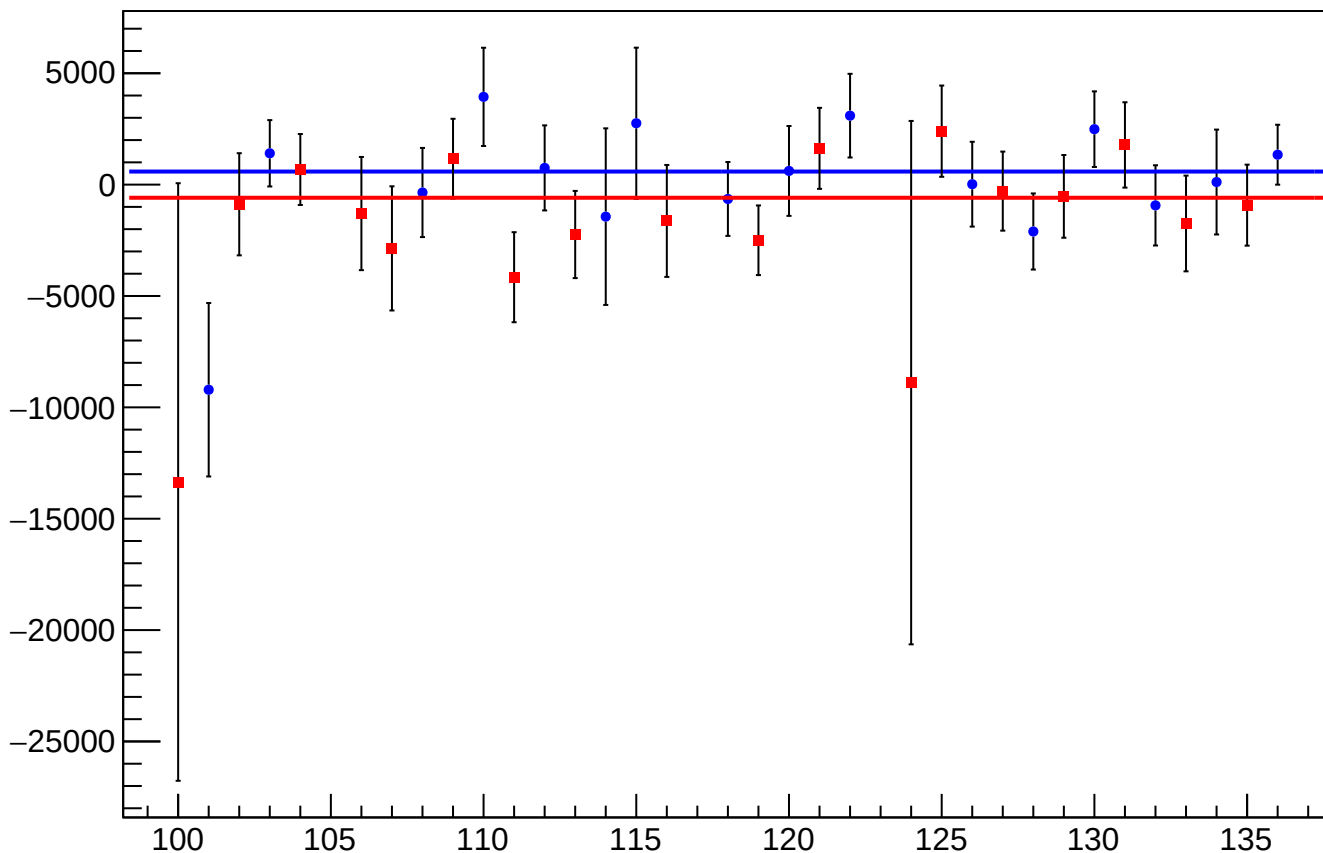
Right: 0.000+/-0.000 χ^2/NDF : 10124110.4/33

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 : 10124110.4/33

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: -589.760+/-487.668 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

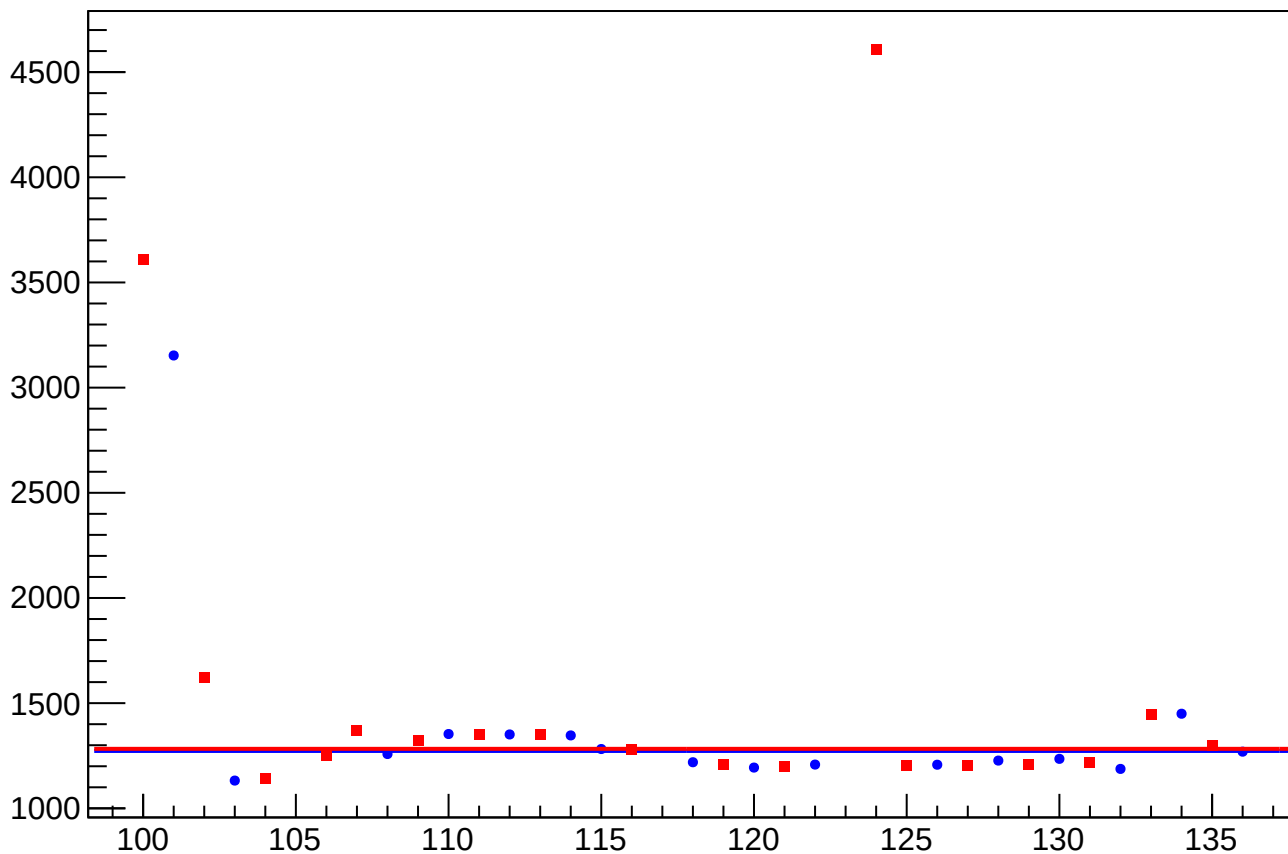
Right: 4.936+/-342.968 χ^2/NDF : 34.8/33

In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.936+/-342.968 χ^2/NDF : 34.8/33

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: 1282.812+/-0.345 χ^2/NDF : 322021.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

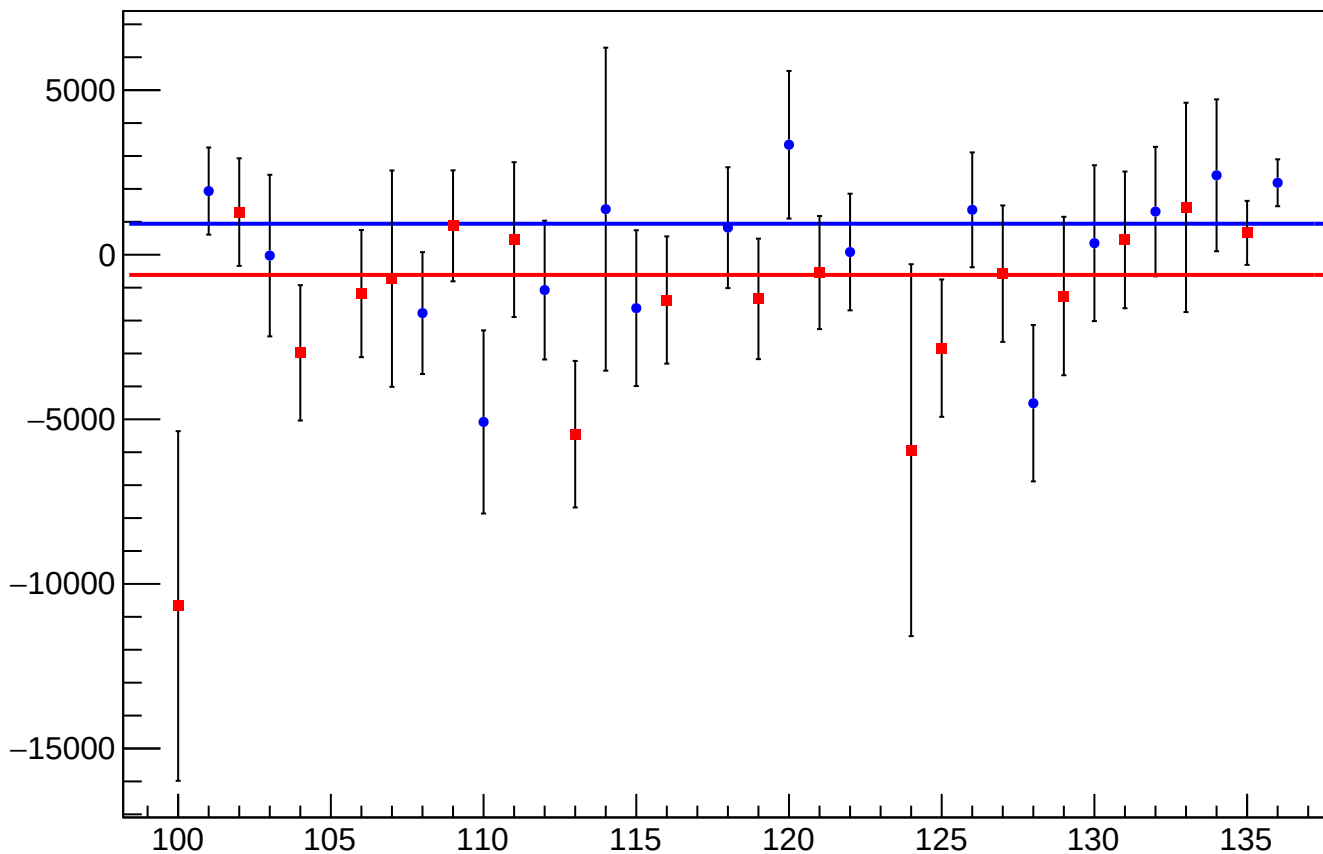
Right: 1277.754+/-0.243 χ^2/NDF : 841744.8/33

In: 1272.804+/-0.341 χ^2/NDF : 519298.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.754+/-0.243 χ^2/NDF : 841744.8/33

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: -612.813 ± 461.207 χ^2/NDF : 16.9/17

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

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

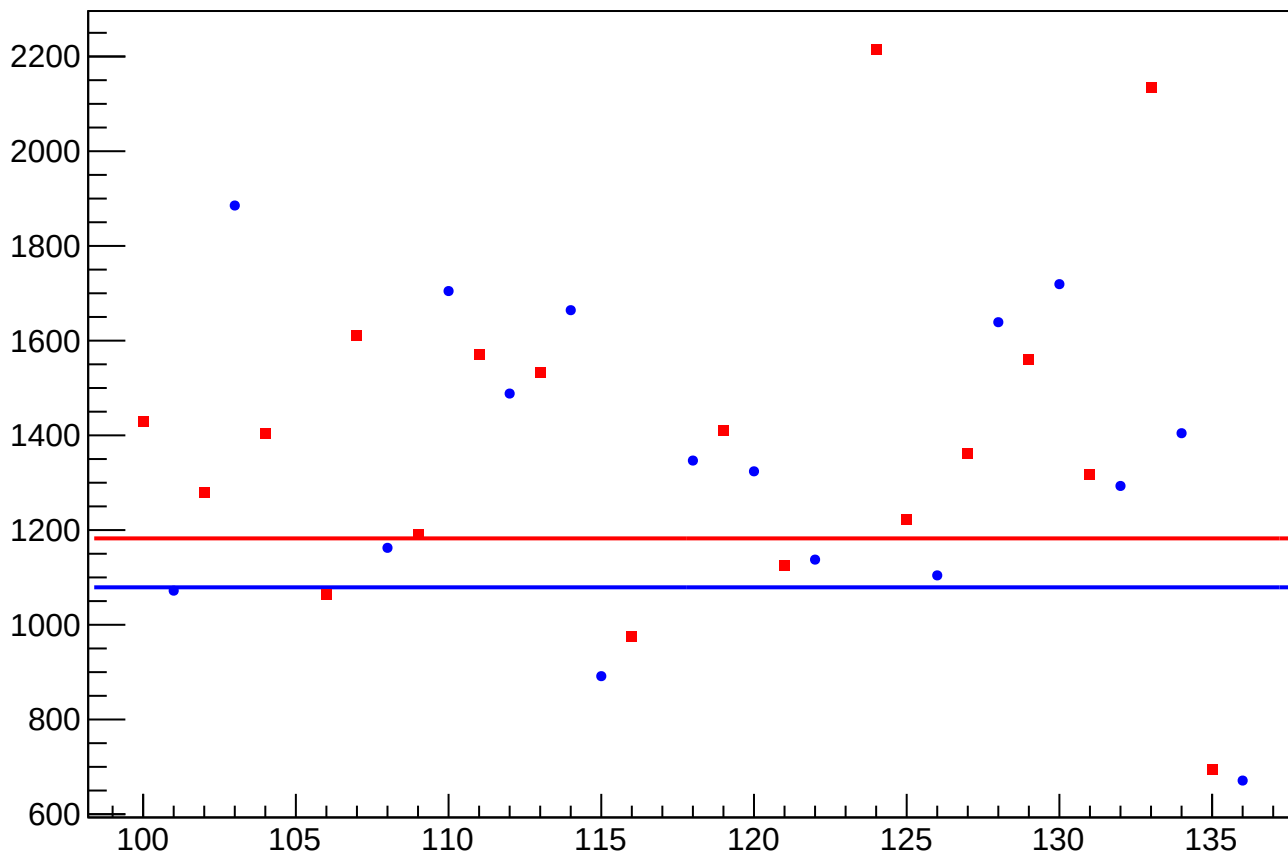
Right: 226.363 ± 312.870 χ^2/NDF : 42.9/33

In: 941.759 ± 425.837 χ^2/NDF : 19.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 226.363 ± 312.870 χ^2/NDF : 42.9/33

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: 1182.443+/-0.326 χ^2/NDF : 1060156.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

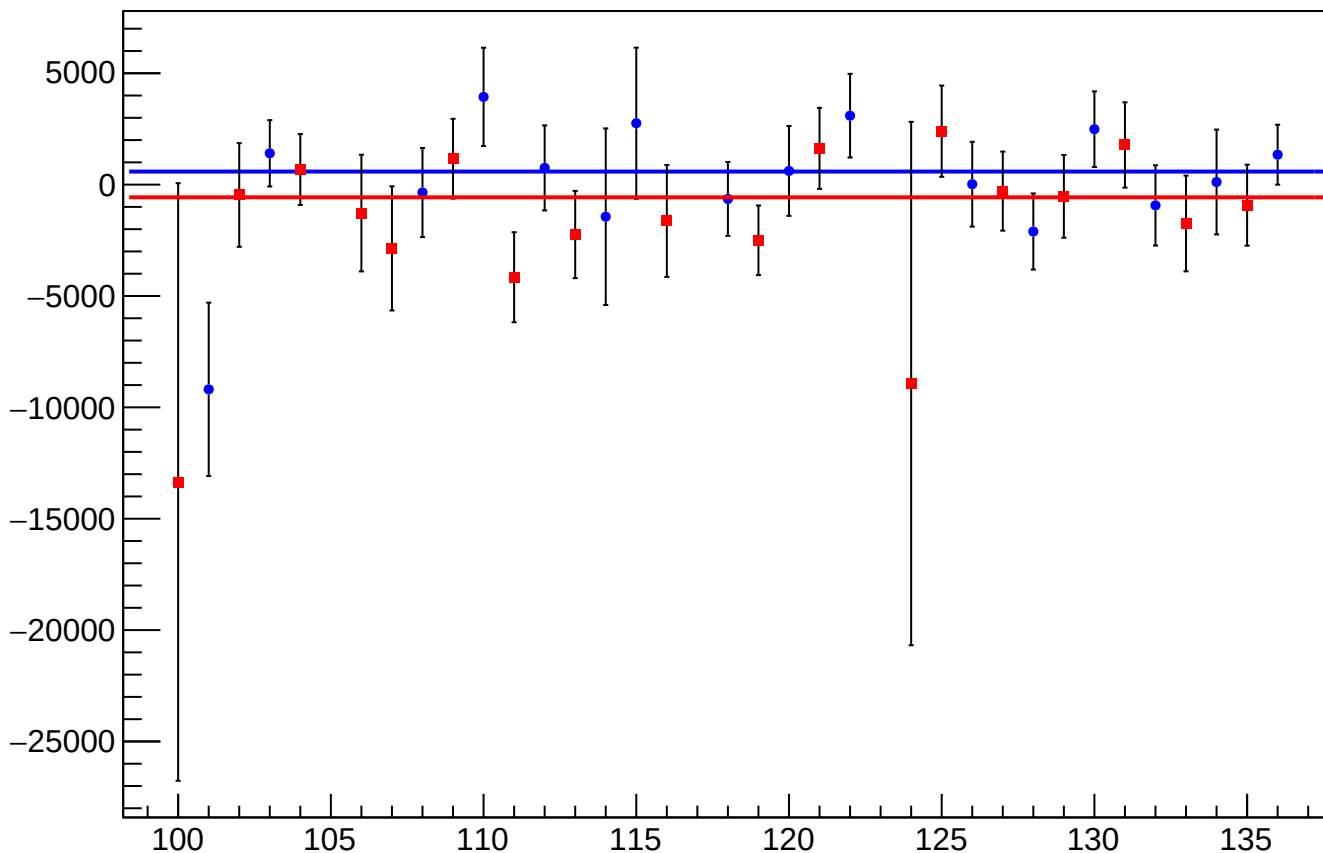
Right: 1126.668+/-0.221 χ^2/NDF : 2596573.3/33

In: 1079.120+/-0.301 χ^2/NDF :1482232.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1126.668+/-0.221 χ^2/NDF : 2596573.3/33

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: -568.970+/-488.523 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

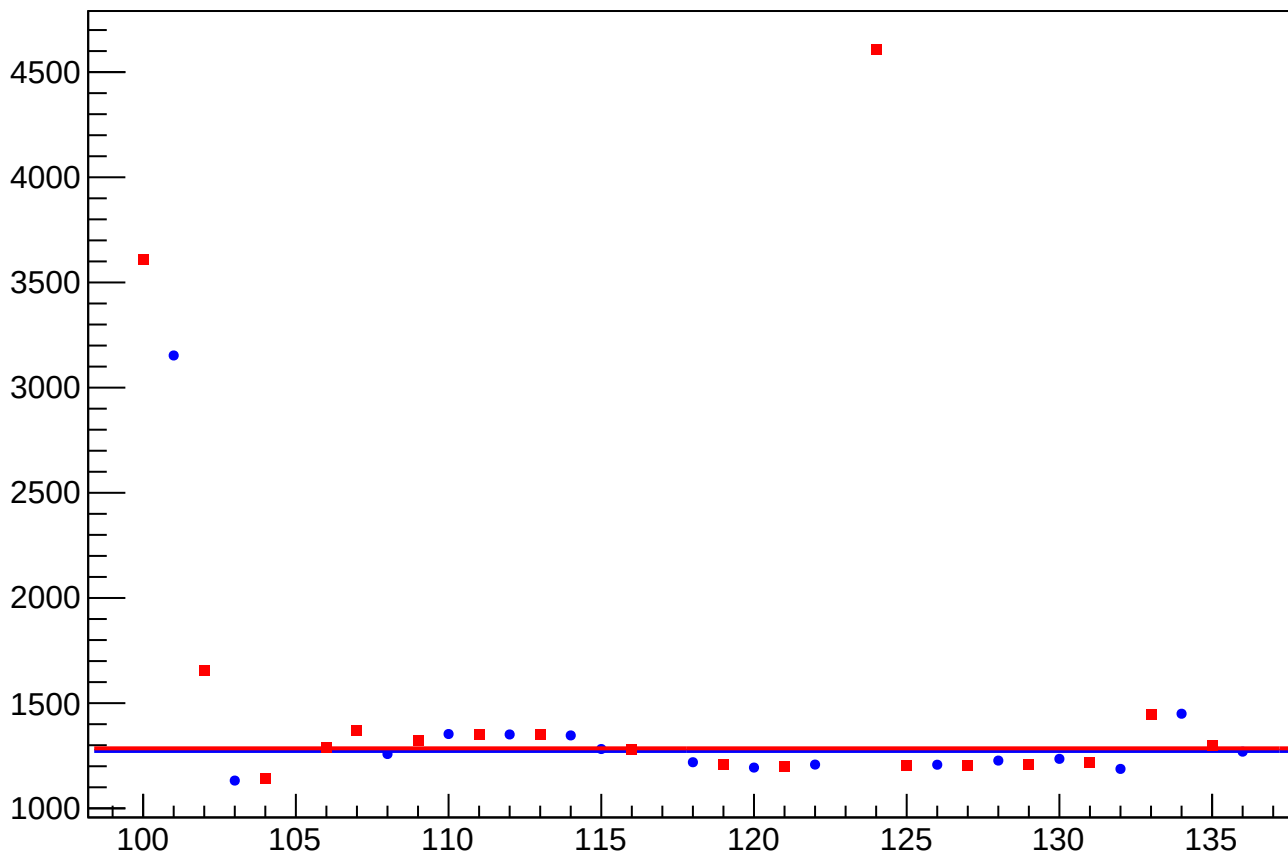
Right: 16.393+/-343.265 χ^2/NDF : 34.6/33

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.393+/-343.265 χ^2/NDF : 34.6/33

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: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

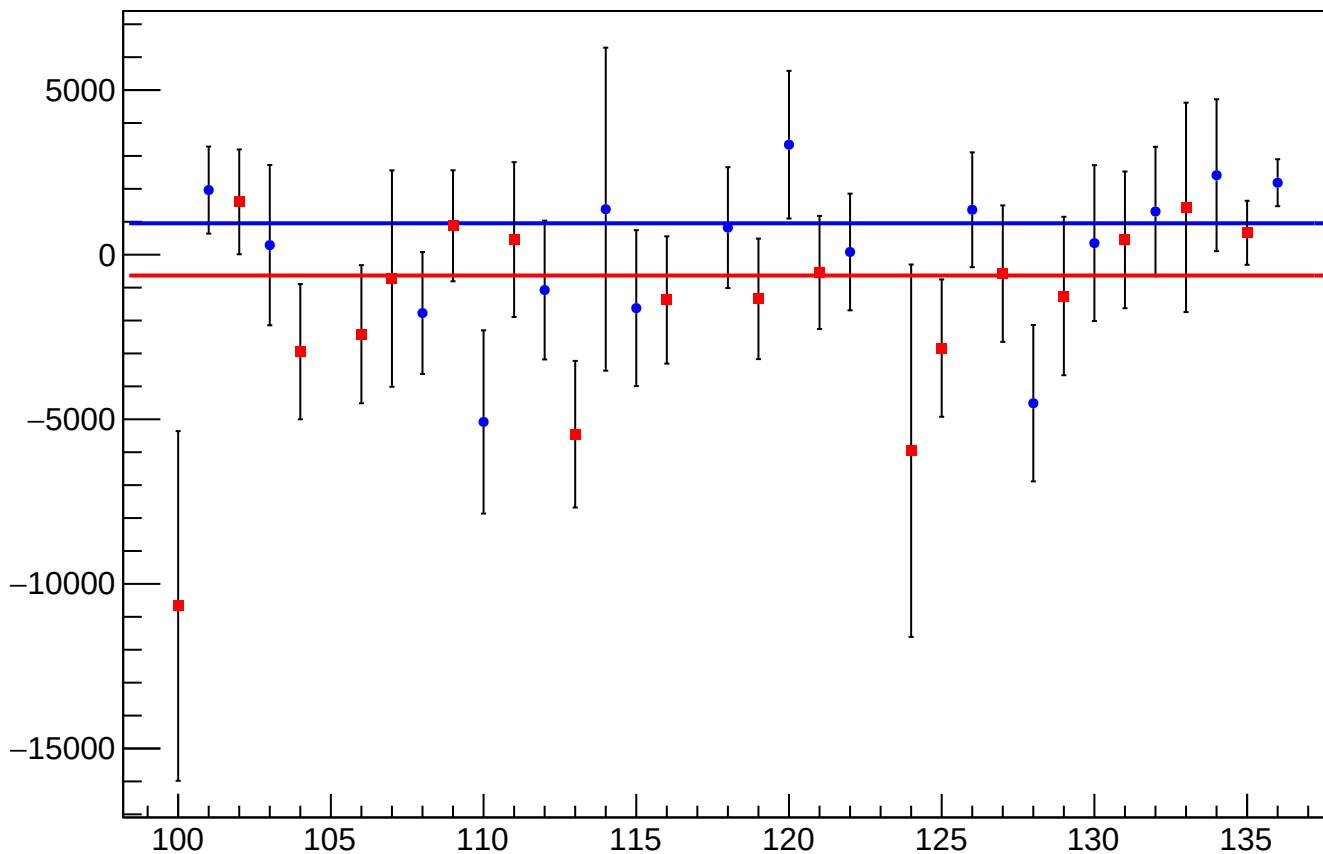
Right: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146+/-425.660 χ^2/NDF : 19.9/15

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

Right Out: -632.217+/-462.190 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

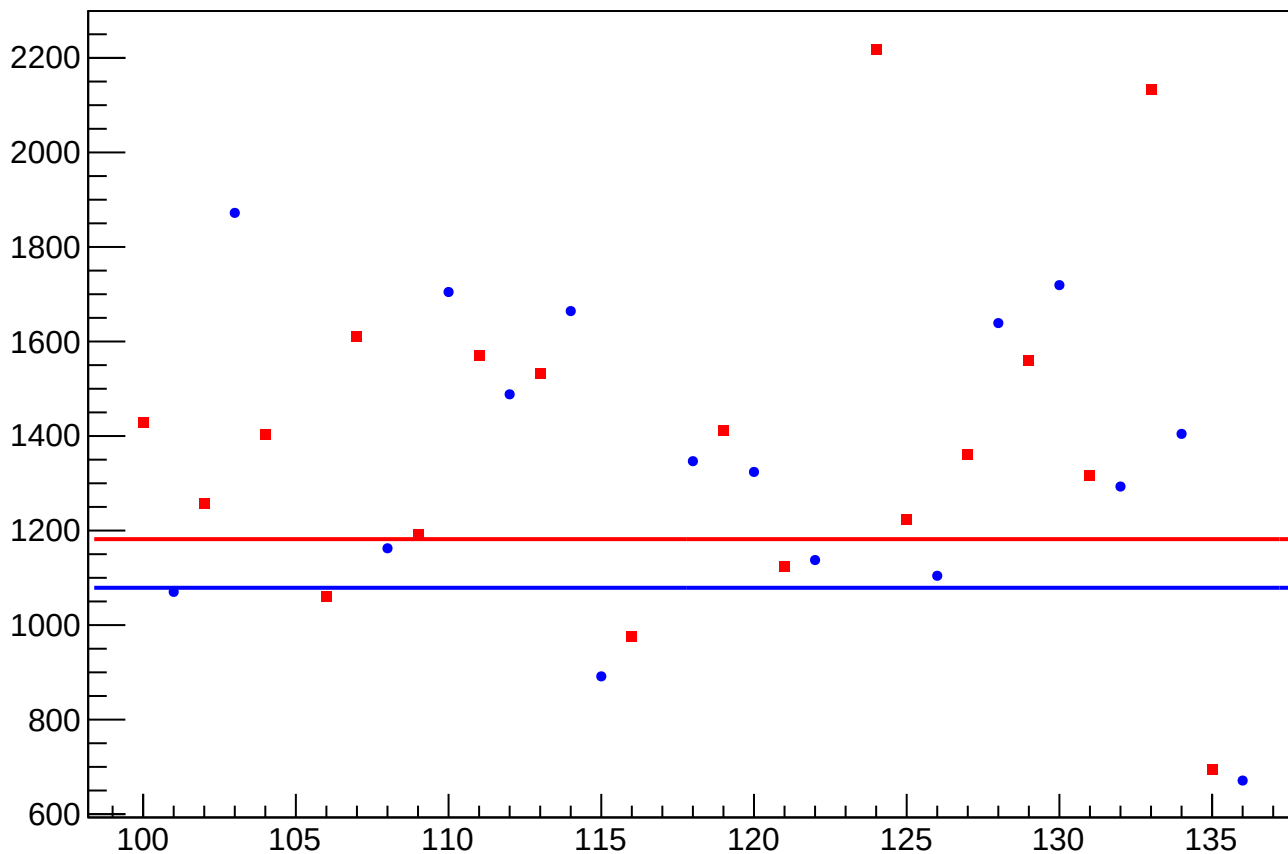
Right: 226.123+/-313.106 χ^2/NDF : 44.3/33

In: 954.146+/-425.660 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.123+/-313.106 χ^2/NDF : 44.3/33

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: 1181.837+/-0.327 χ^2/NDF : 1056612.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

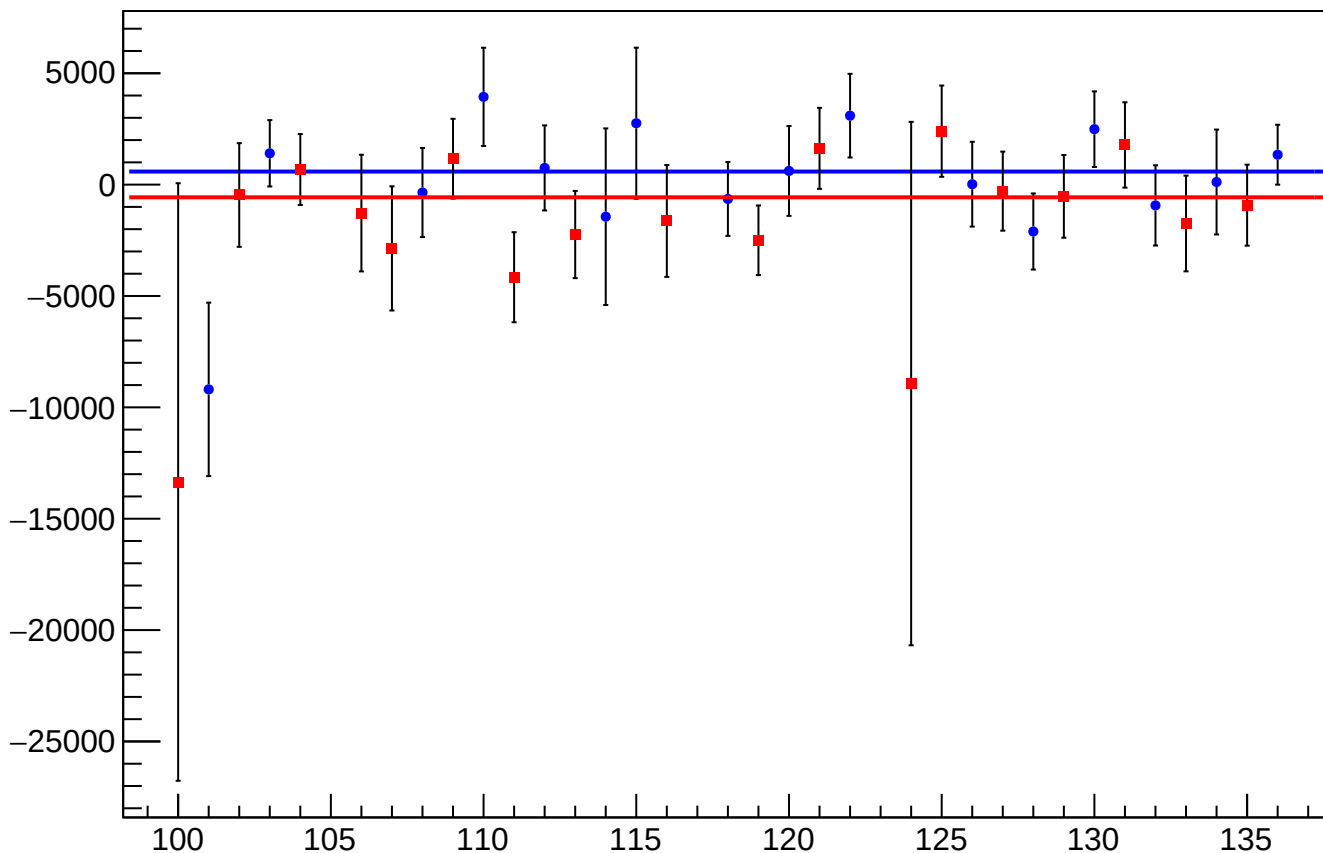
Right: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

In: 1078.932+/-0.301 χ^2/NDF :1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

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: -568.970+/-488.523 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

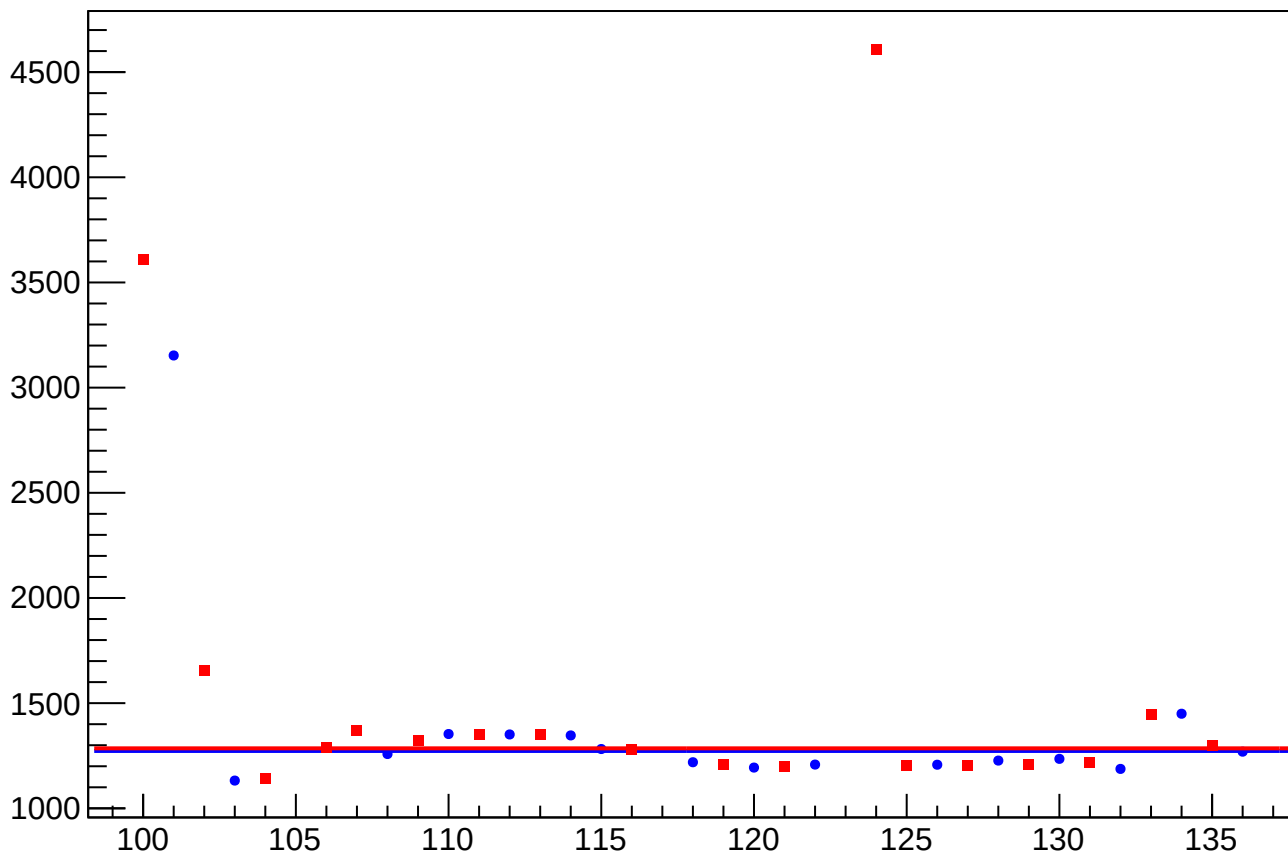
Right: 16.393+/-343.265 χ^2/NDF : 34.6/33

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.393+/-343.265 χ^2/NDF : 34.6/33

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: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

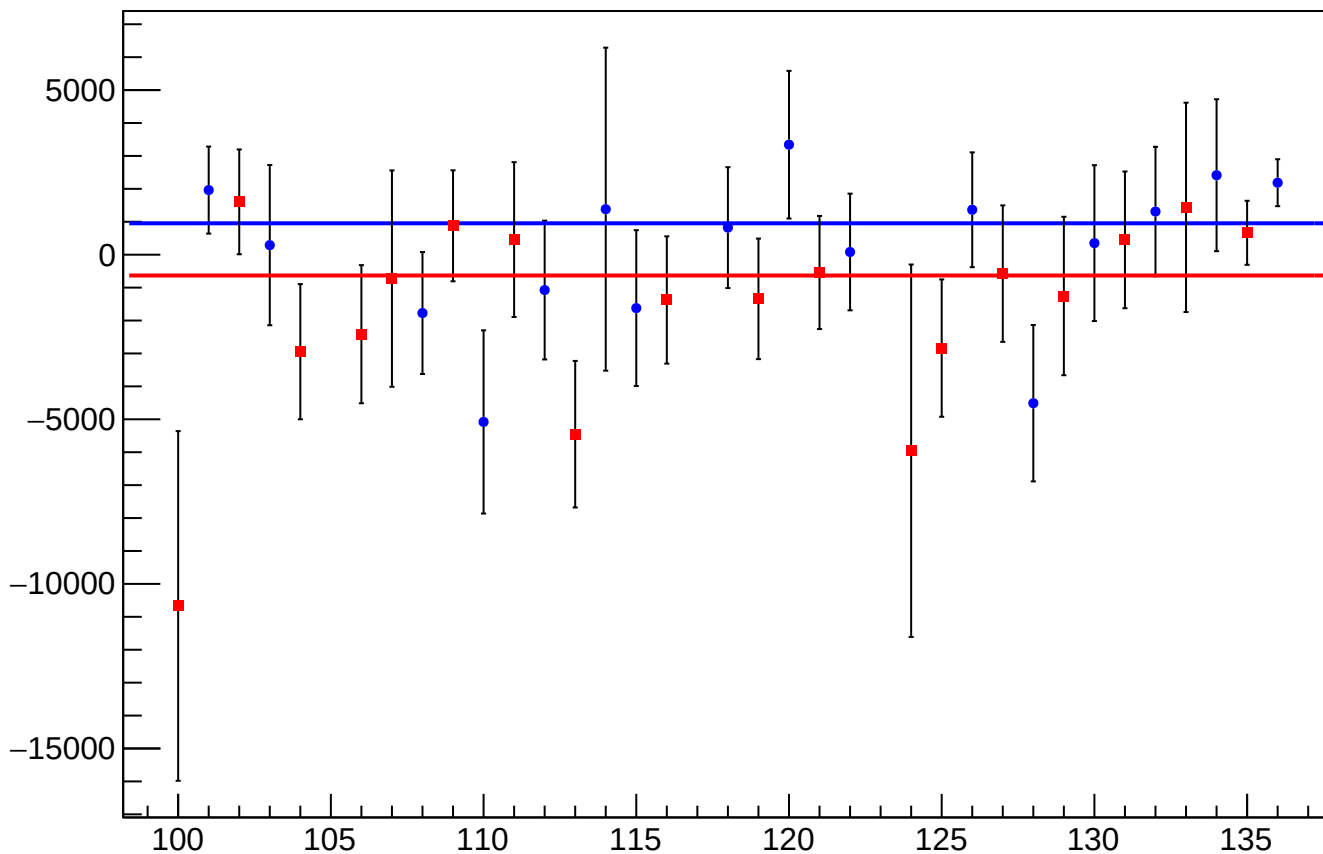
Right: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

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: -632.217 $\pm$ -462.190 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

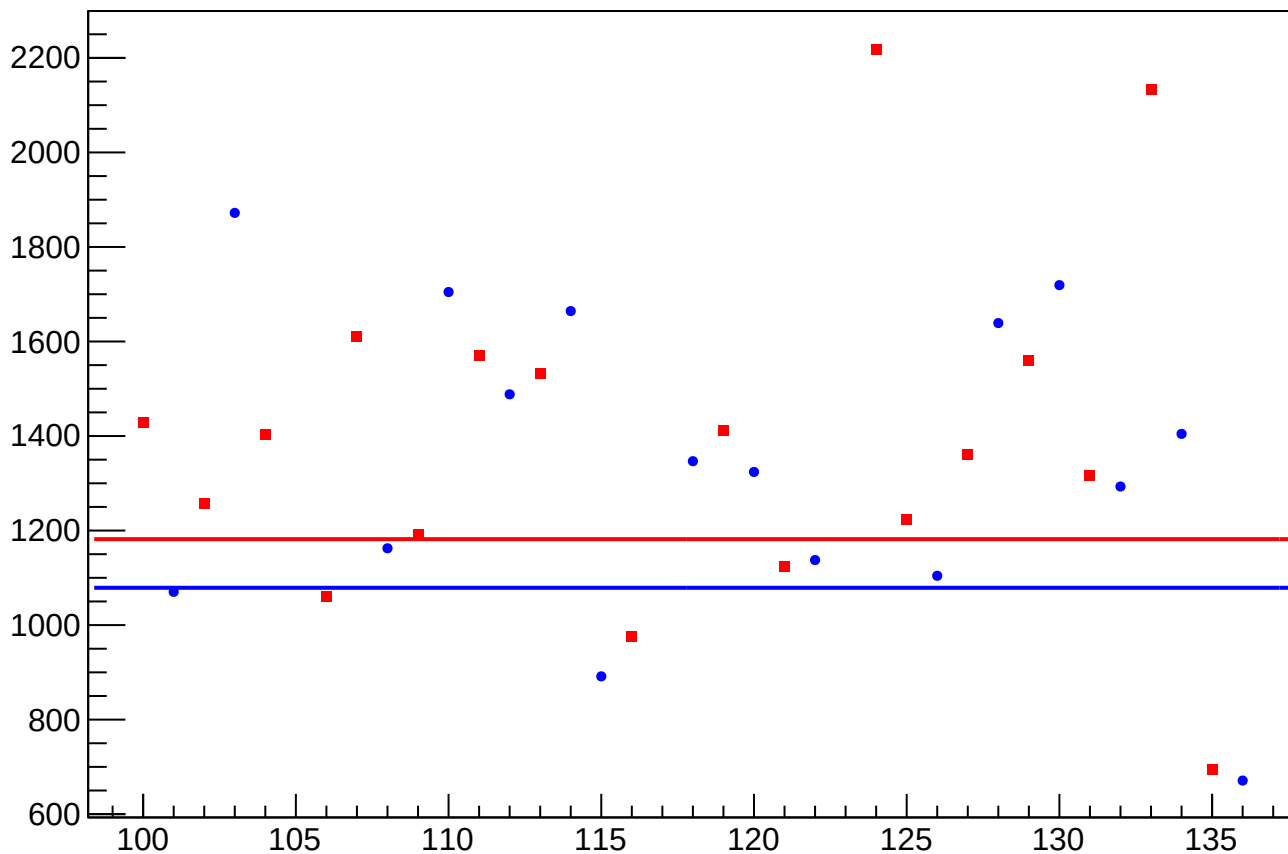
Right: 226.123 $\pm$ -313.106 χ^2/NDF : 44.3/33

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: 226.123 $\pm$ -313.106 χ^2/NDF : 44.3/33

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: 1181.837+/-0.327 χ^2/NDF : 1056612.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

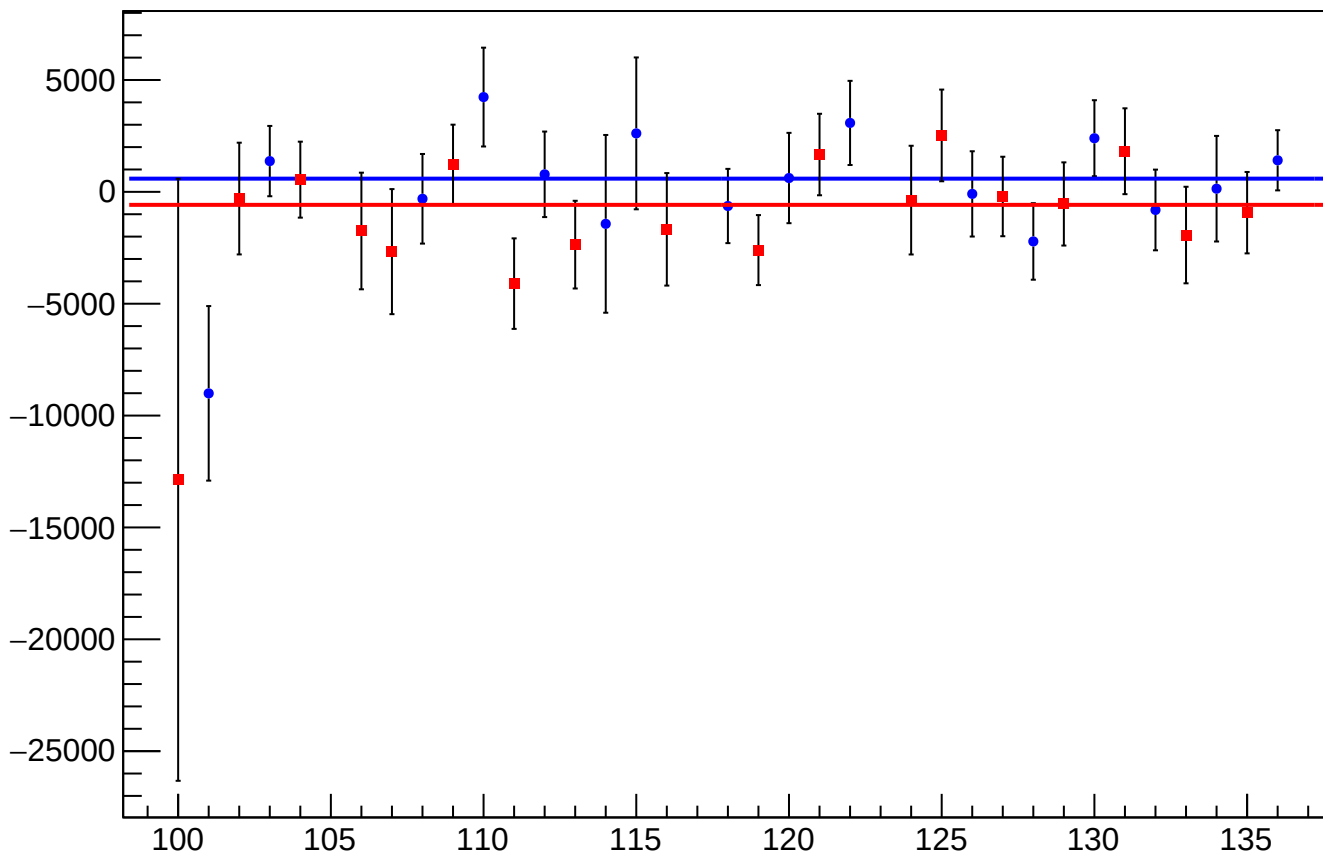
Right: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

In: 1078.932+/-0.301 χ^2/NDF :1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

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: -581.011 $\pm$ 483.775 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

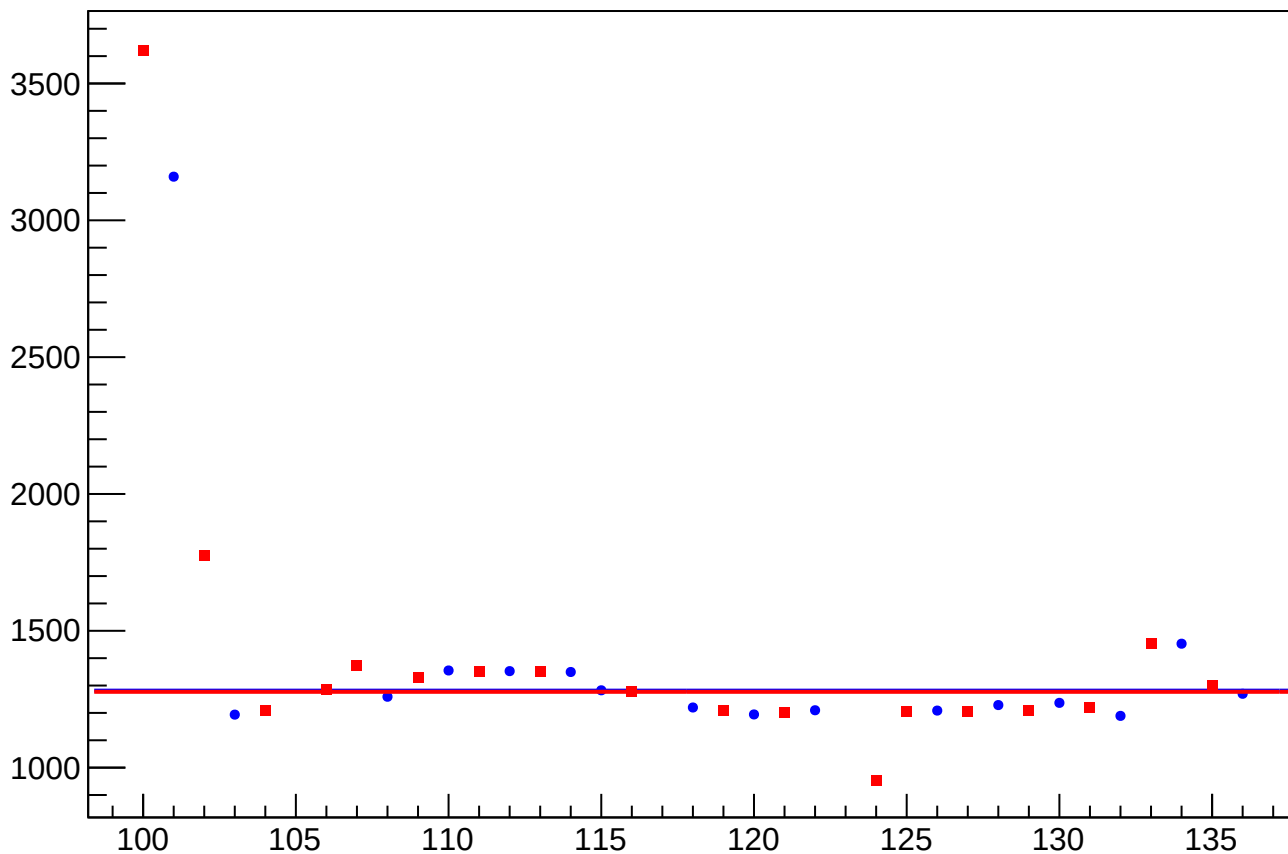
Right: 2.592 $\pm$ 342.683 χ^2 /NDF: 34.6/33

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: 2.592 $\pm$ 342.683 χ^2 /NDF: 34.6/33

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: 1277.124+/-0.342 χ^2/NDF : 220492.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

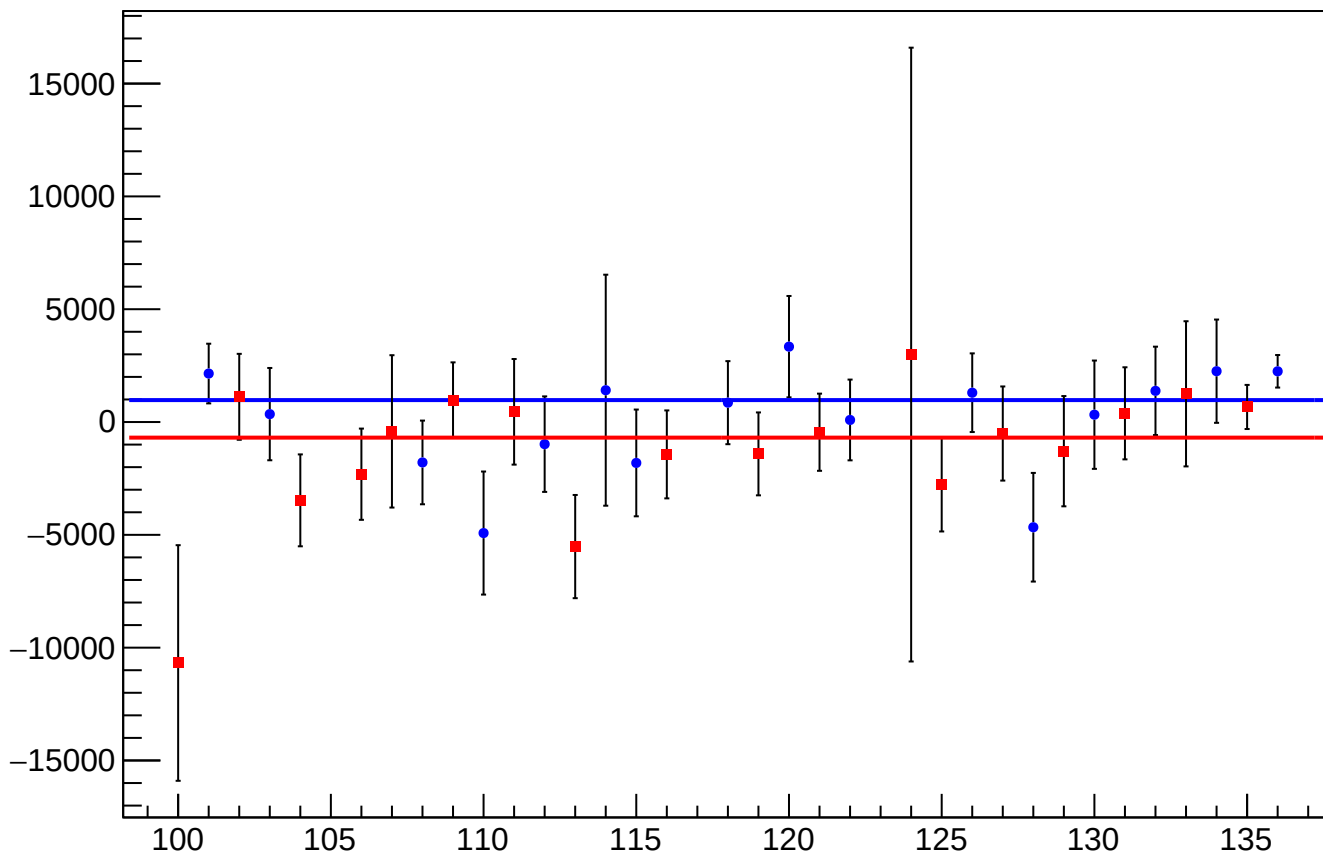
Right: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

In: 1281.369+/-0.343 χ^2/NDF :507078.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

asym_atl_dd_atr_dd_dd_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: -691.449+/-469.599 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

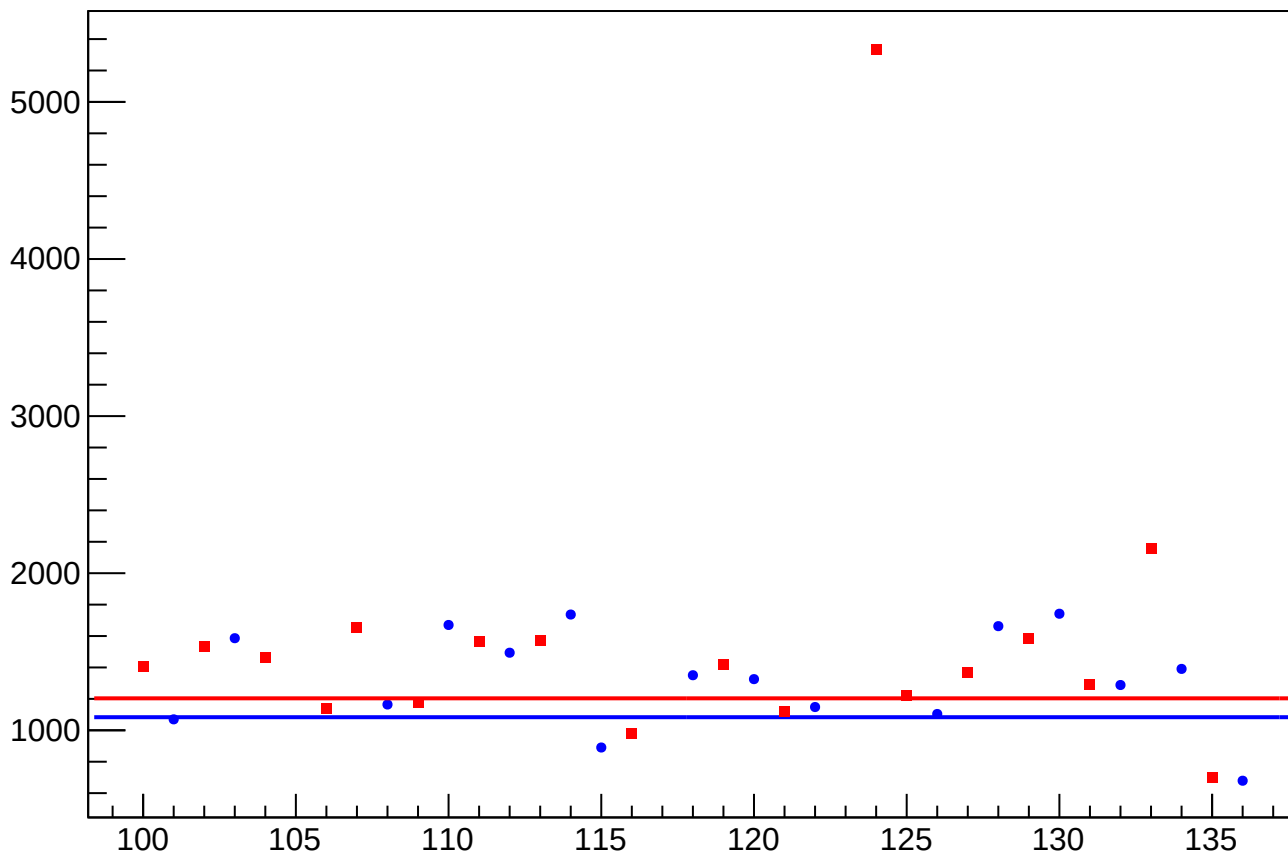
Right: 222.733+/-315.200 χ^2/NDF : 44.1/33

In: 972.287+/-425.219 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.733+/-315.200 χ^2/NDF : 44.1/33

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: 1203.452+/-0.332 χ^2/NDF : 1251546.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

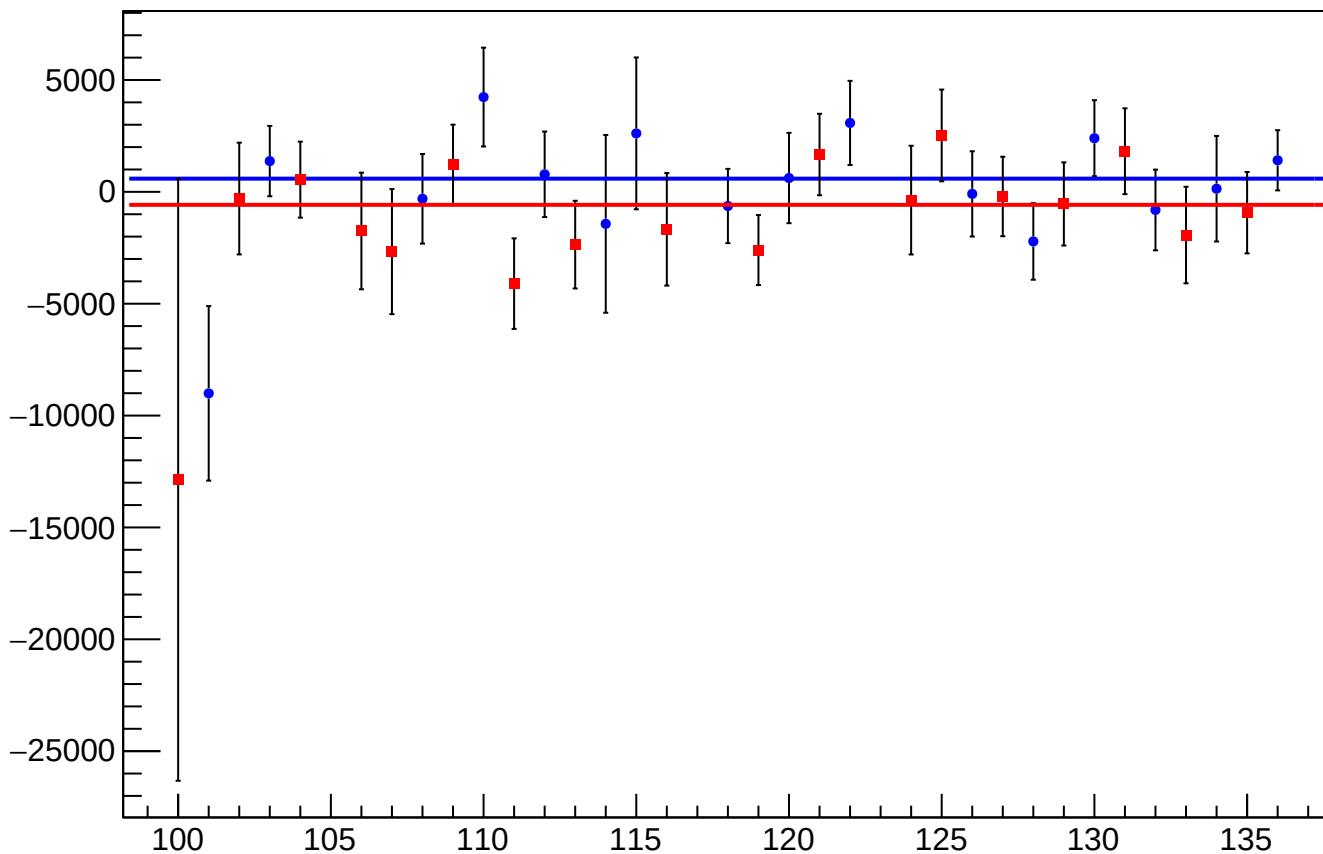
Right: 1137.450+/-0.223 χ^2/NDF : 2683601.1/33

In: 1083.335+/-0.301 χ^2/NDF : 1360153.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.450+/-0.223 χ^2/NDF : 2683601.1/33

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 590.323 $\pm$ 485.483 χ^2 /NDF: 17.1/15

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

Right Out: -581.010 $\pm$ 483.775 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

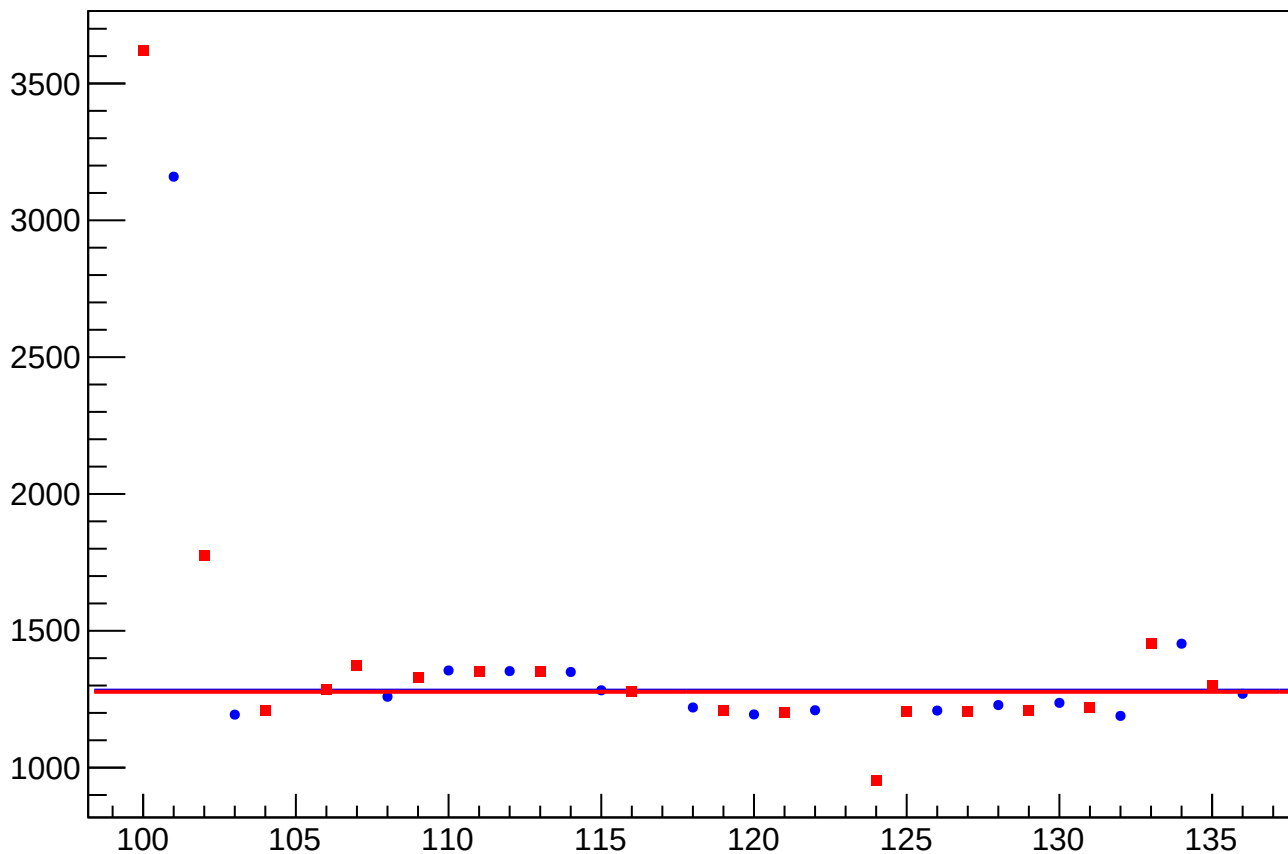
Right: 2.594 $\pm$ 342.683 χ^2 /NDF: 34.6/33

In: 590.323 $\pm$ 485.483 χ^2 /NDF:17.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2.594 $\pm$ 342.683 χ^2 /NDF: 34.6/33

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: 1277.124+/-0.342 χ^2/NDF : 220492.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

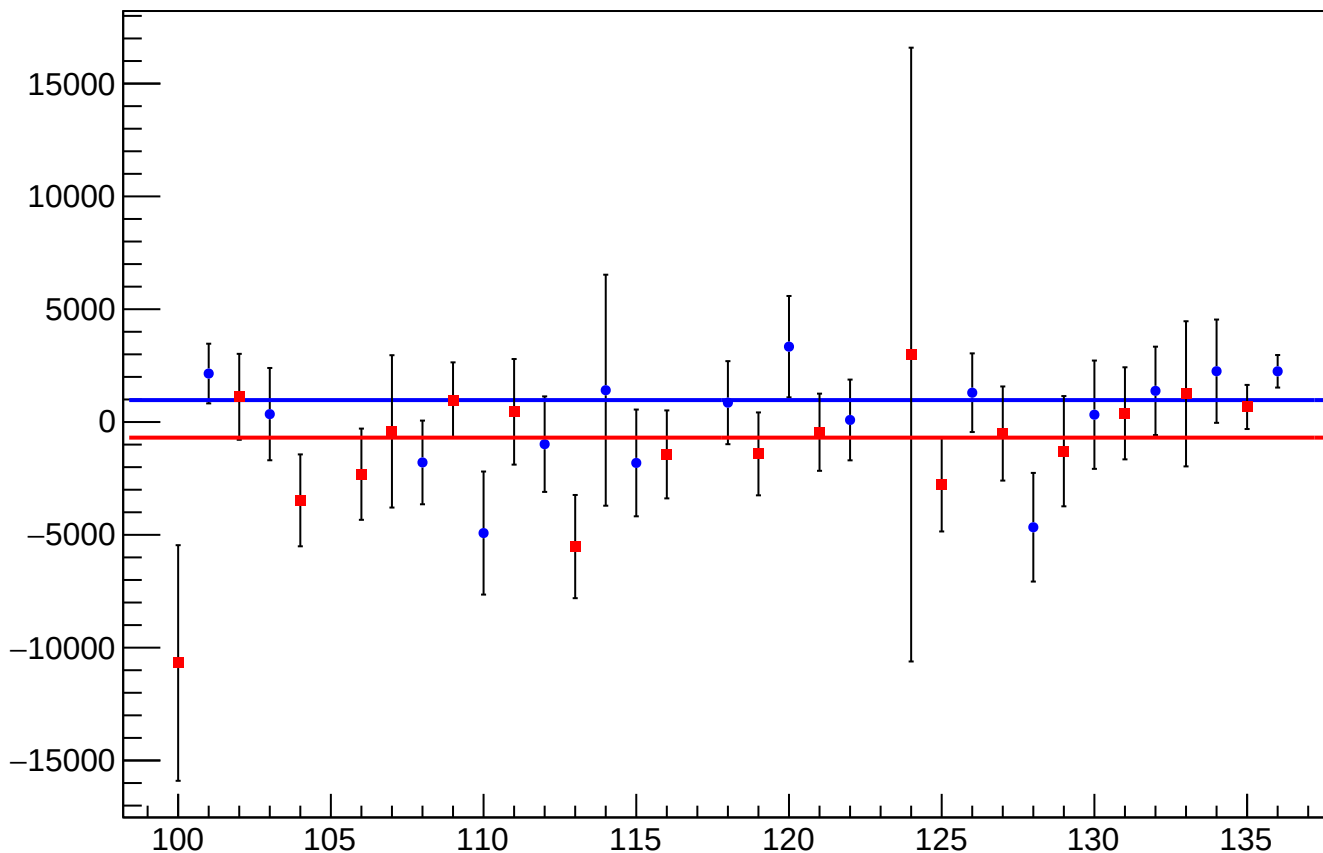
Right: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

In: 1281.369+/-0.343 χ^2/NDF : 507078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

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: -691.457+/-469.601 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

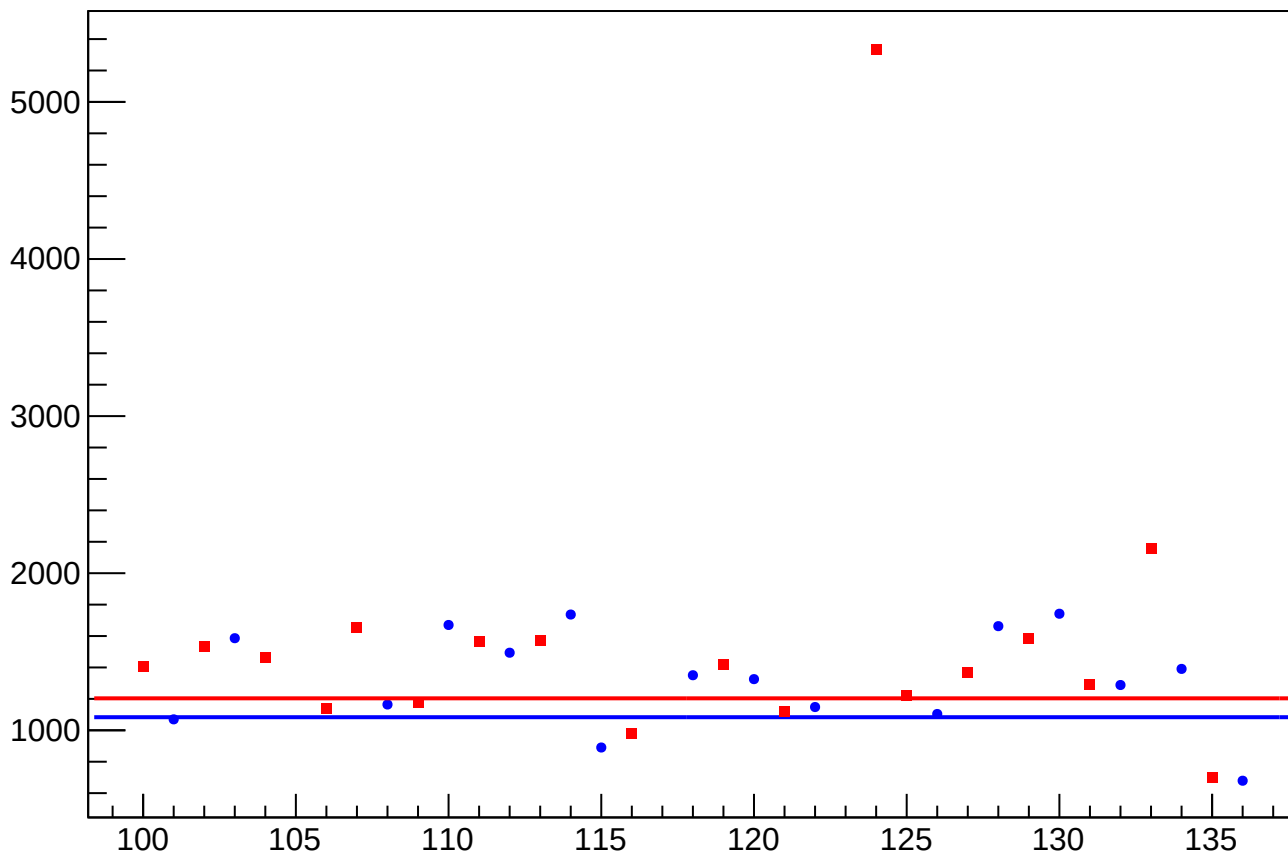
Right: 222.726+/-315.201 χ^2/NDF : 44.1/33

In: 972.281+/-425.220 χ^2/NDF :20.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.726+/-315.201 χ^2/NDF : 44.1/33

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: 1203.458+/-0.332 χ^2/NDF : 1251503.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

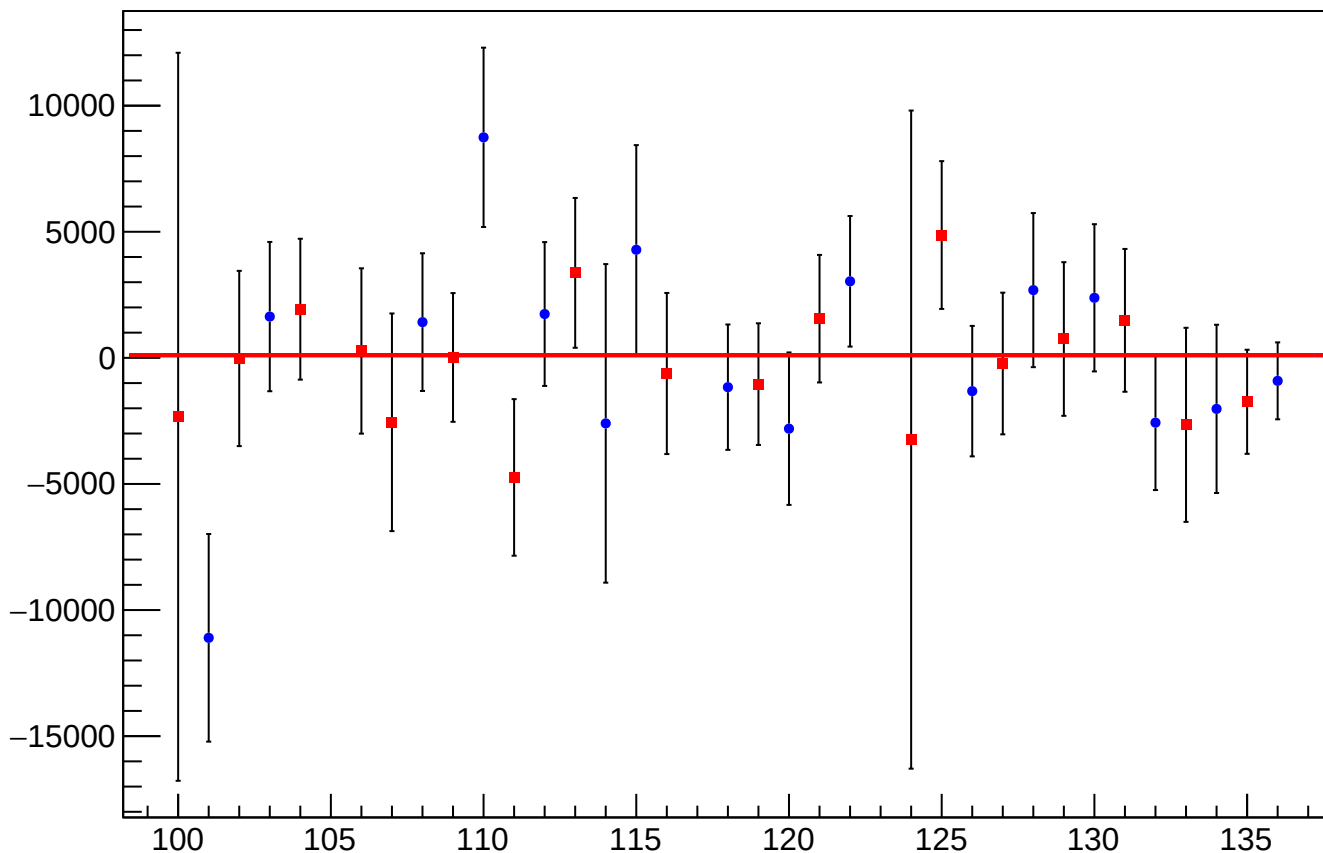
Right: 1137.457+/-0.223 χ^2/NDF : 2683499.8/33

In: 1083.341+/-0.301 χ^2/NDF : 1360095.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.457+/-0.223 χ^2/NDF : 2683499.8/33

asym_atl_dd_atr_dd_dd_mean vs Slug, Sign Corrected



Right In: 100.451 $\pm$ 698.983 χ^2 /NDF: 21.3/15

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

Right Out: 111.148 $\pm$ 717.348 χ^2 /NDF: 9.4/17

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

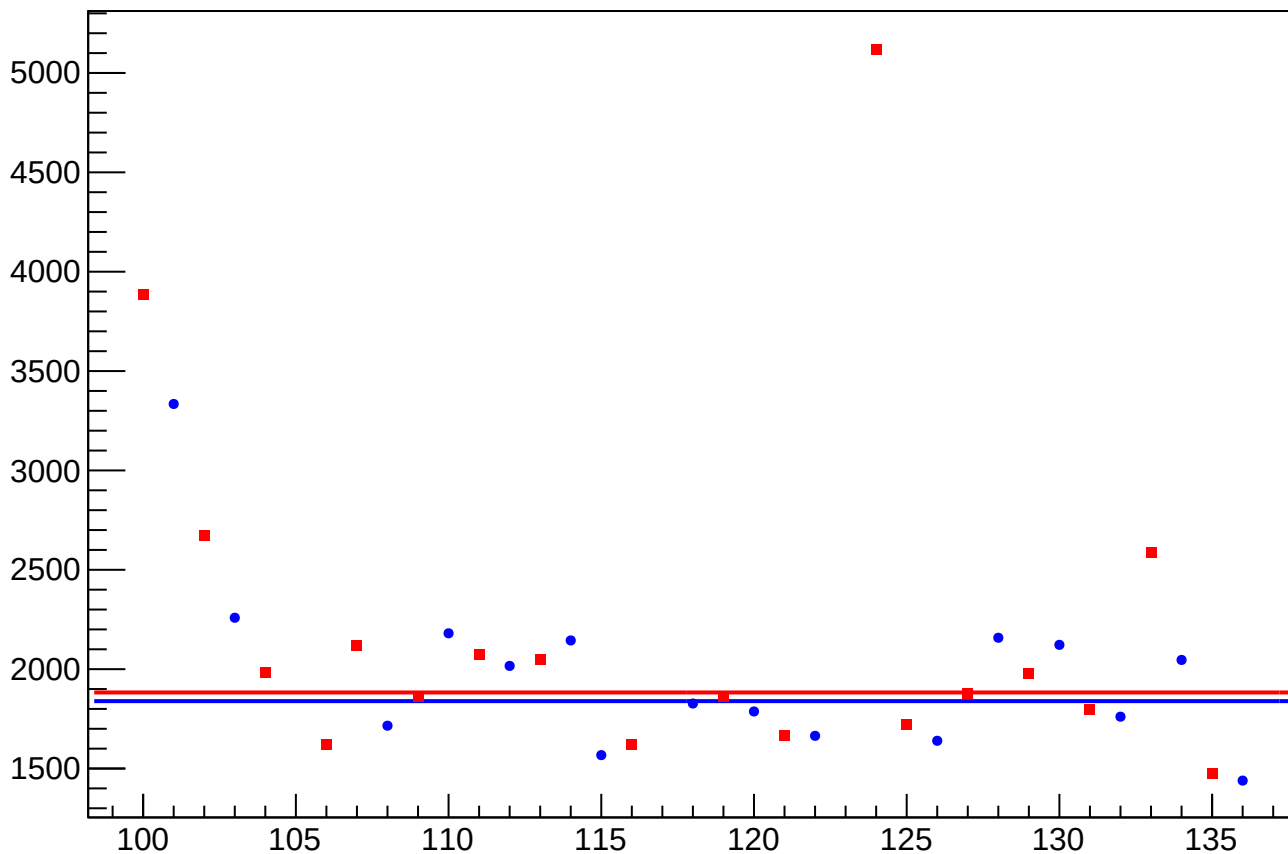
Right: 105.661 $\pm$ 500.623 χ^2 /NDF: 30.7/33

In: 100.451 $\pm$ 698.983 χ^2 /NDF:21.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 105.661 $\pm$ 500.623 χ^2 /NDF: 30.7/33

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: 1882.746+/-0.507 χ^2/NDF : 483380.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

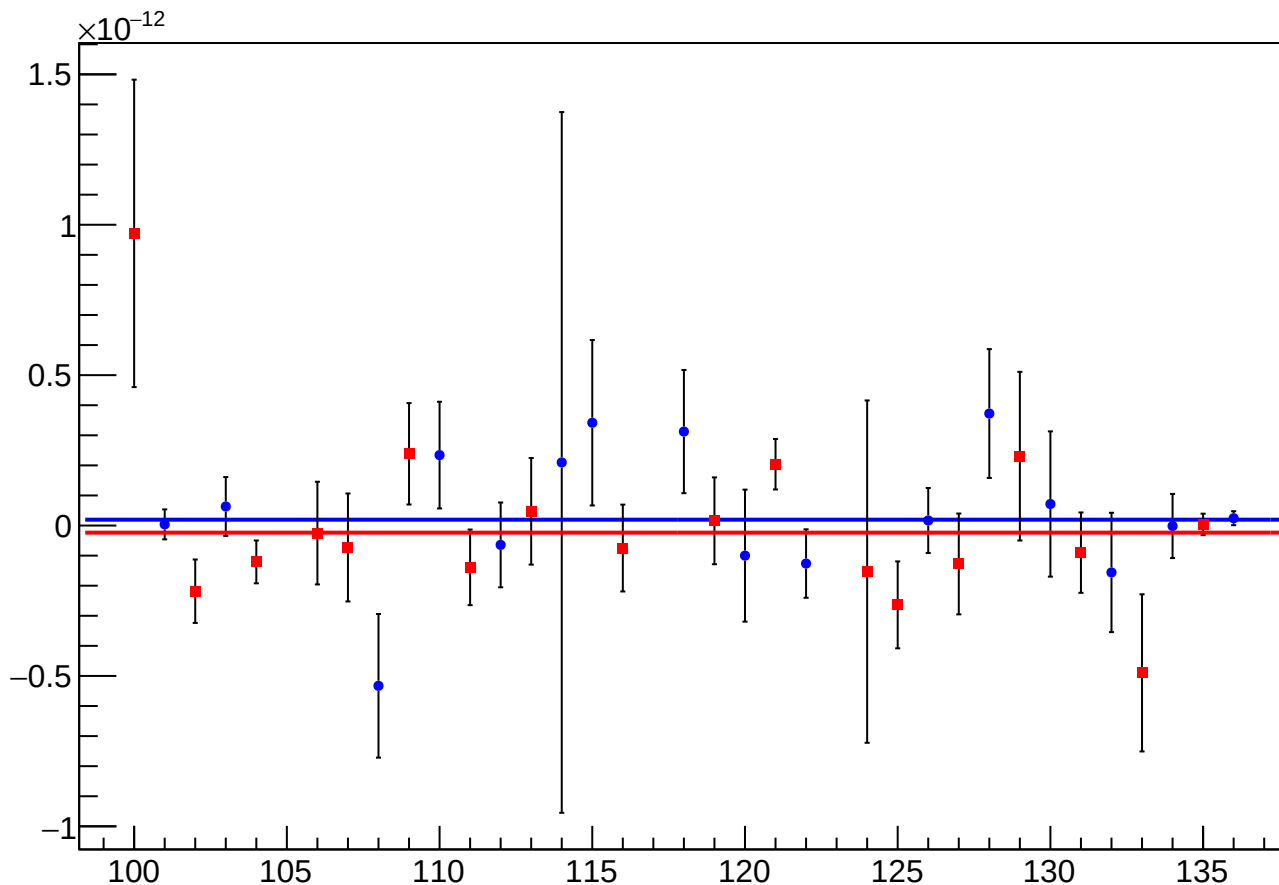
Right: 1860.364+/-0.354 χ^2/NDF : 1043901.0/33

In: 1839.113+/-0.494 χ^2/NDF : 556725.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.364+/-0.354 χ^2/NDF : 1043901.0/33

asym_atl_dd_atr_dd_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 : 28.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

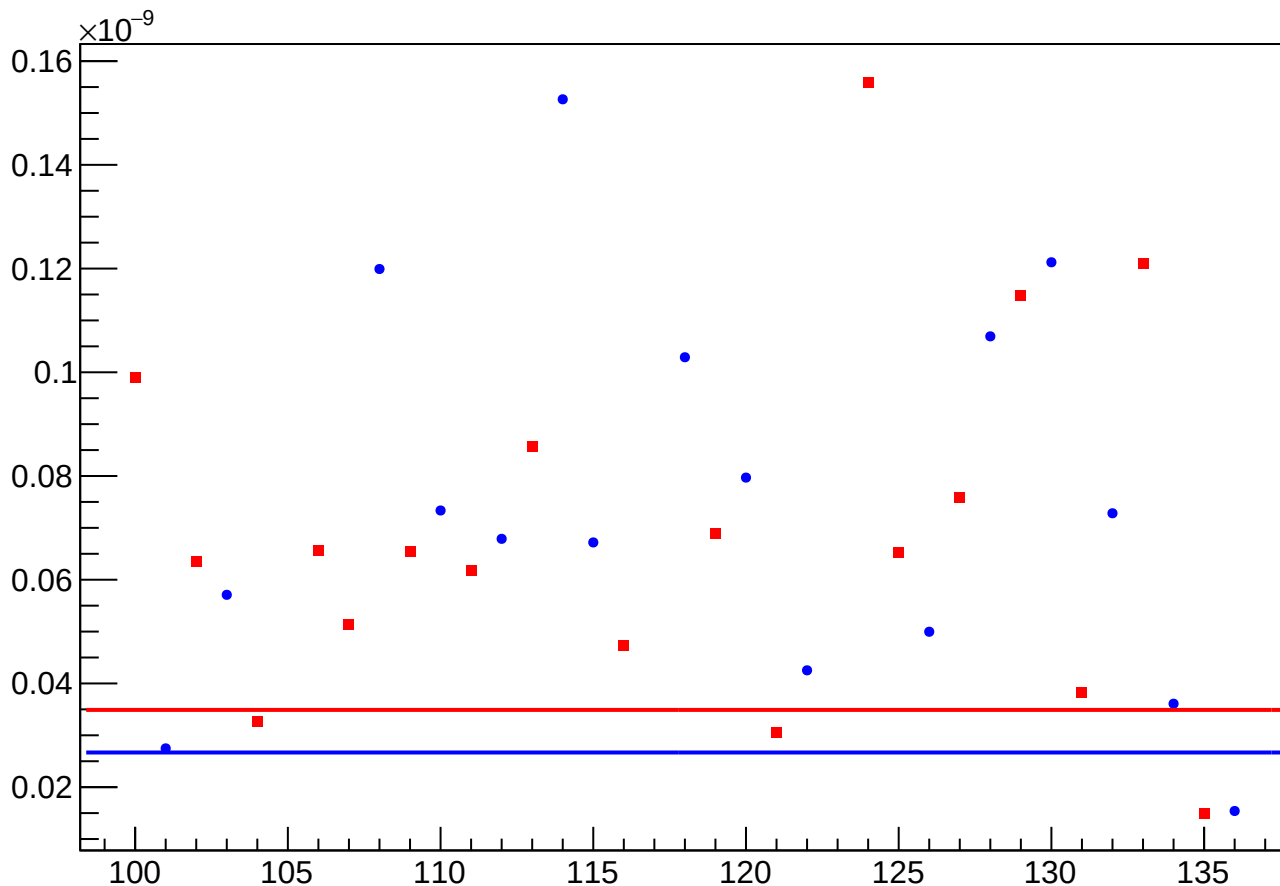
Right: 0.000+/-0.000 χ^2/NDF : 46.6/33

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 : 46.6/33

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 : 2020571.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

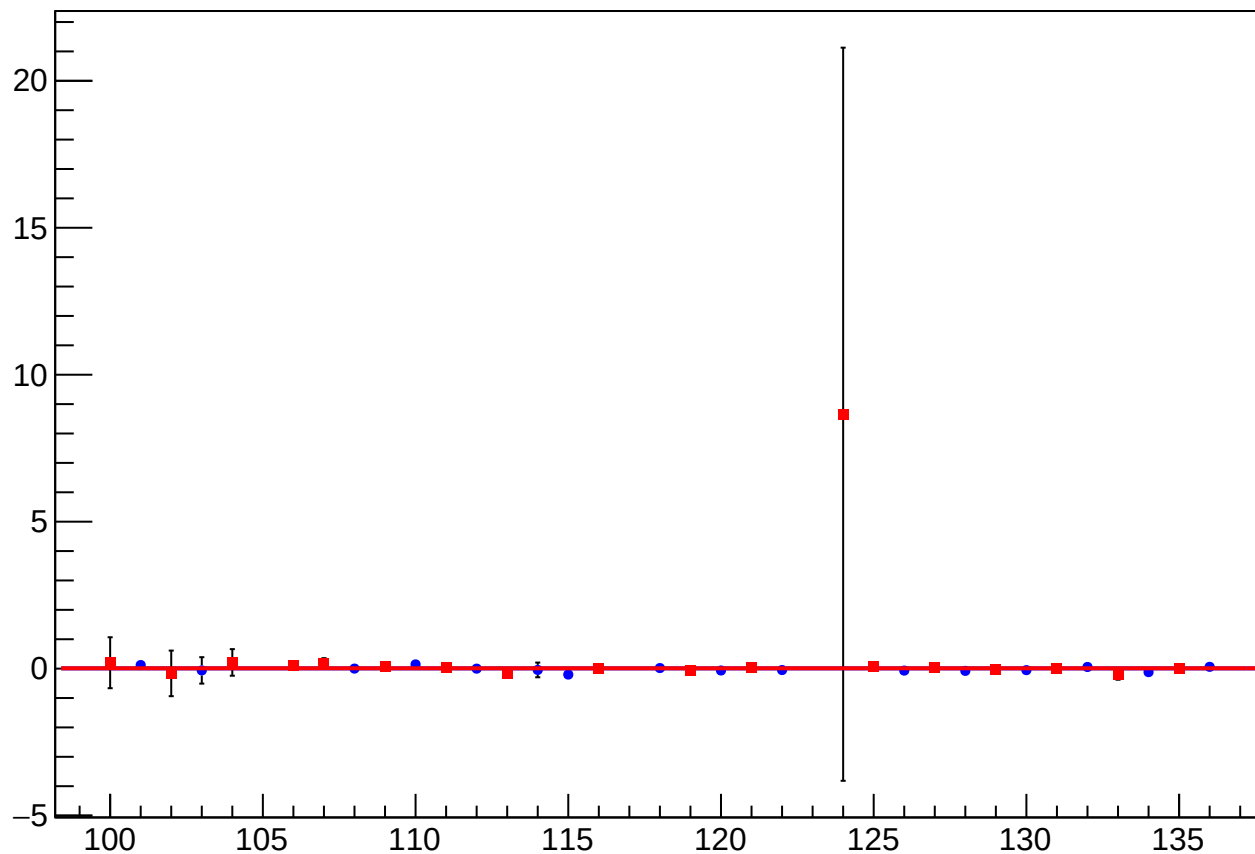
Right: 0.000+/-0.000 χ^2/NDF : 4743267.0/33

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 : 4743267.0/33

asym_atl_dd_atr_dd_dd_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: 0.012 $\pm$ 0.017 χ^2 /NDF: 12.6/17

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

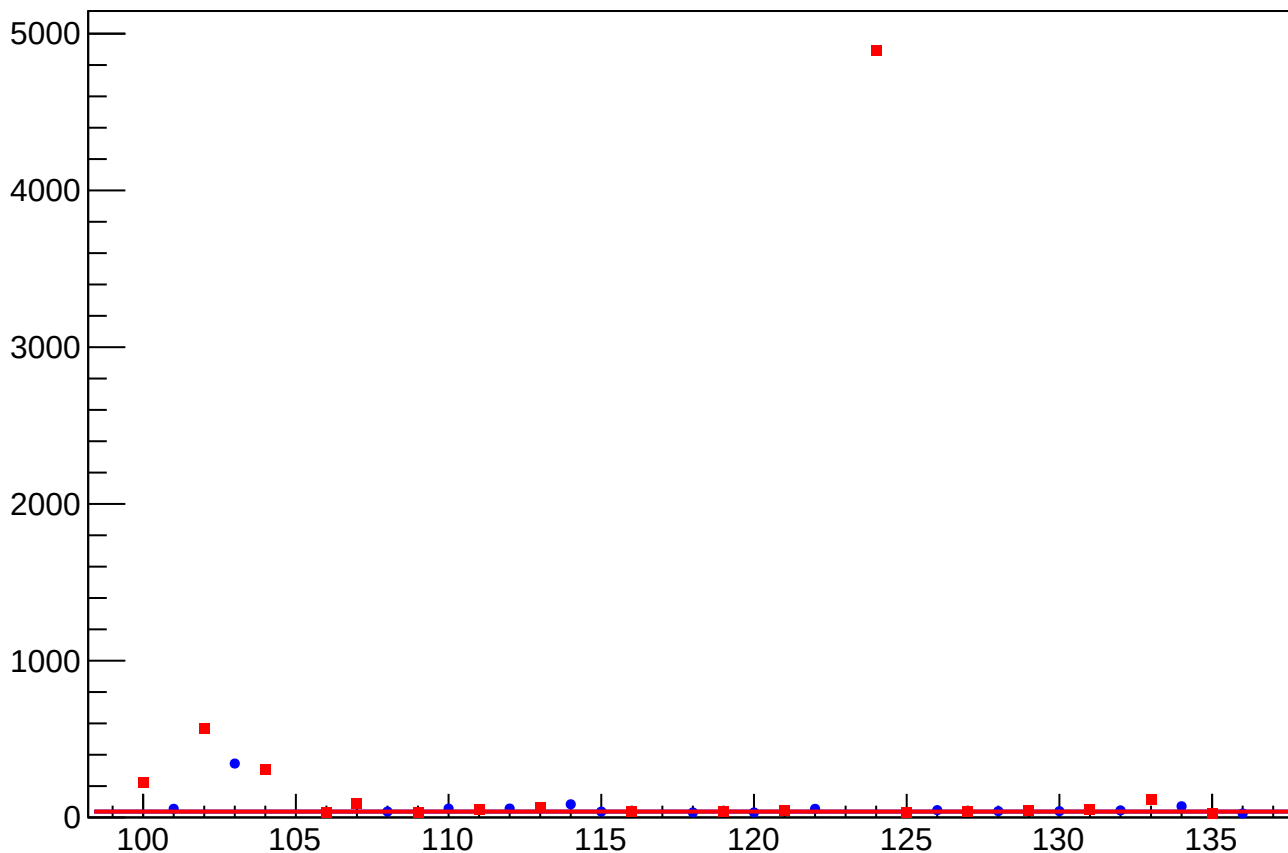
Right: 0.010 $\pm$ 0.012 χ^2 /NDF: 31.8/33

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: 31.8/33

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: 37.465+/-0.012 χ^2/NDF : 3142511.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

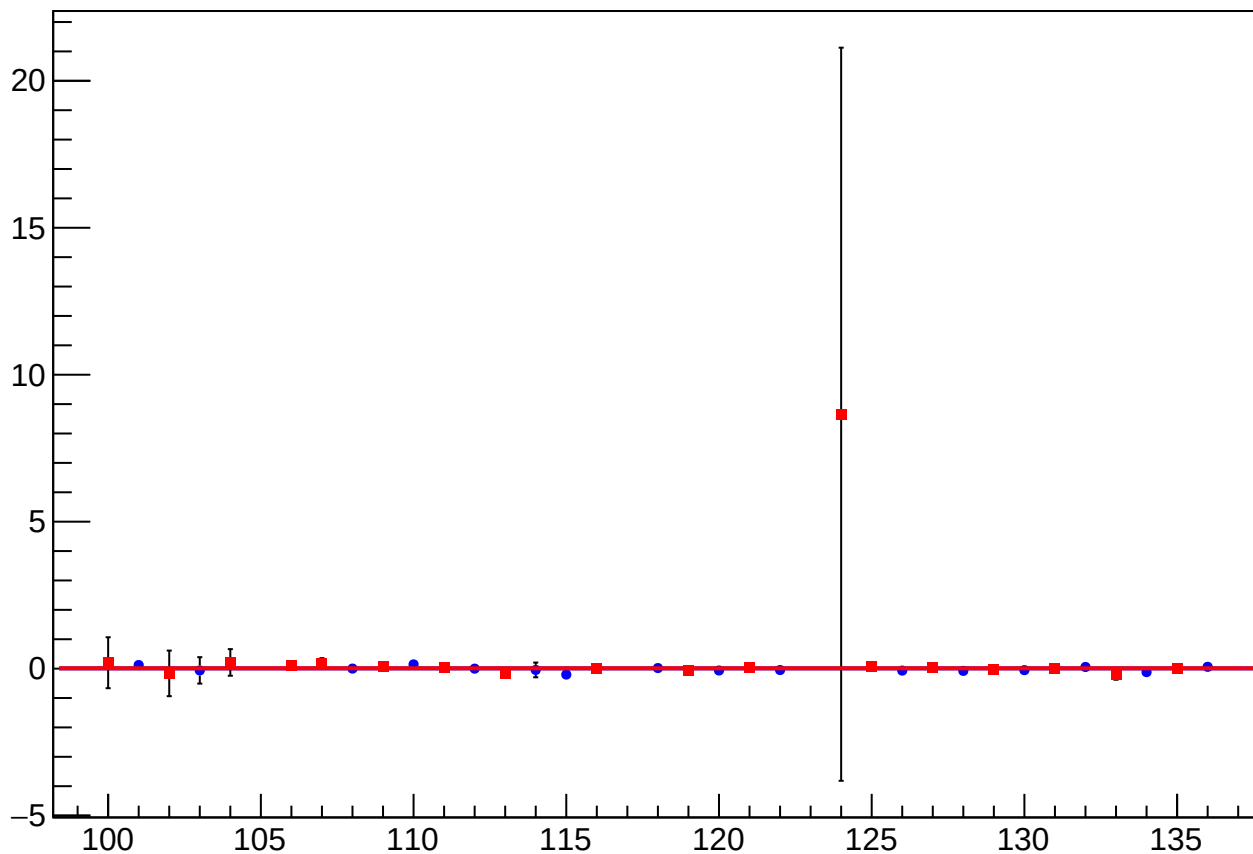
Right: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

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 : 12.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

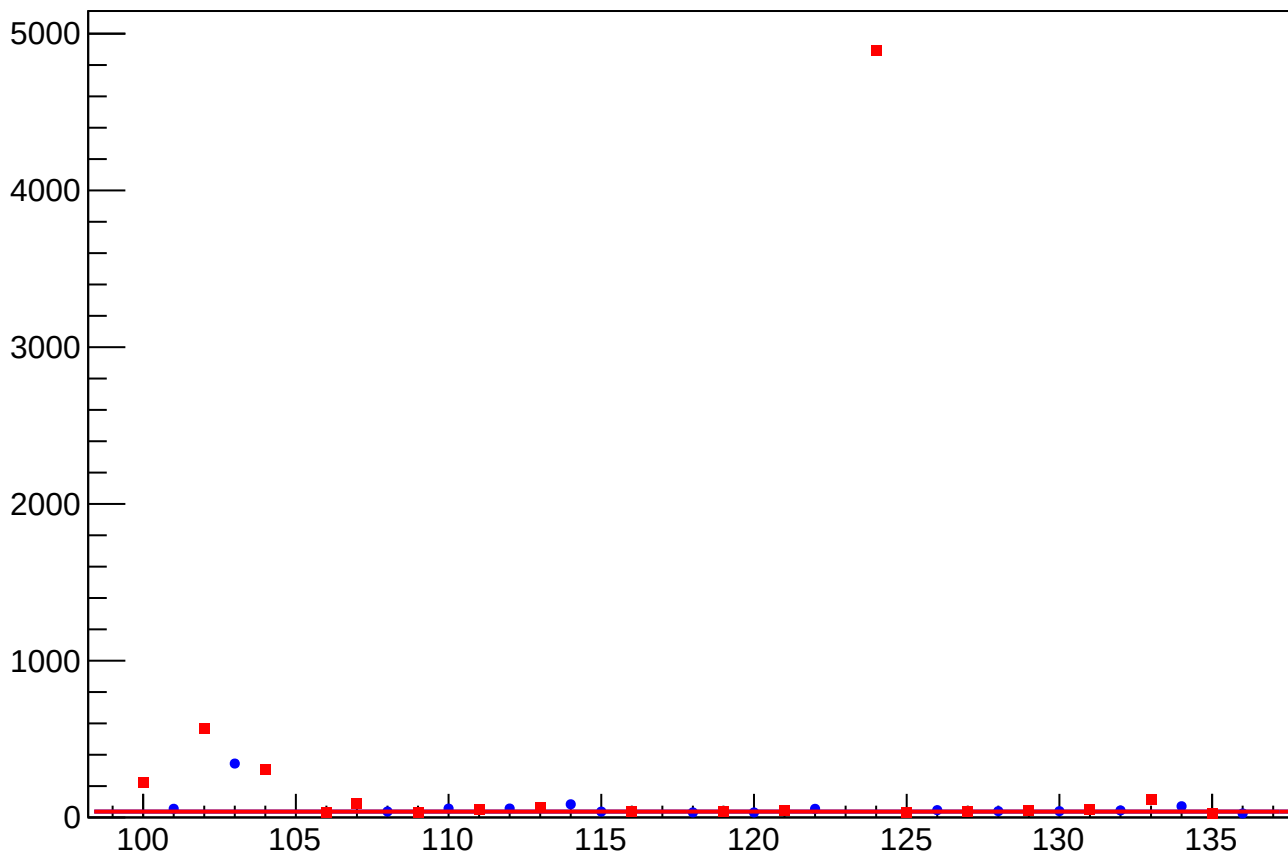
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

asym_atl_dd_atr_dd_dd_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: 37.465 $\pm$ 0.012 χ^2 /NDF: 3142511.7/17

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

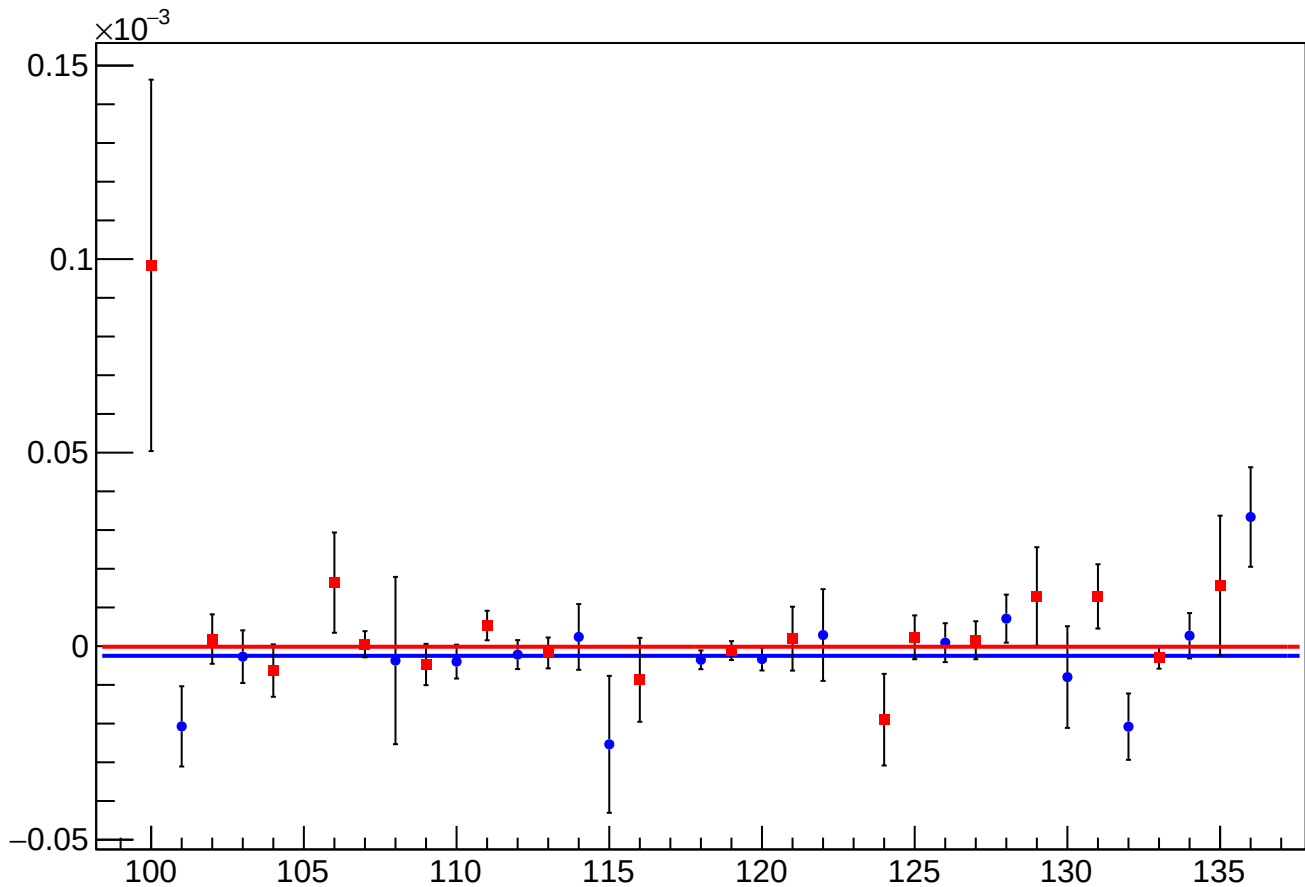
Right: 37.480 $\pm$ 0.008 χ^2 /NDF: 5125790.4/33

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: 37.480 $\pm$ 0.008 χ^2 /NDF: 5125790.4/33

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 : 18.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

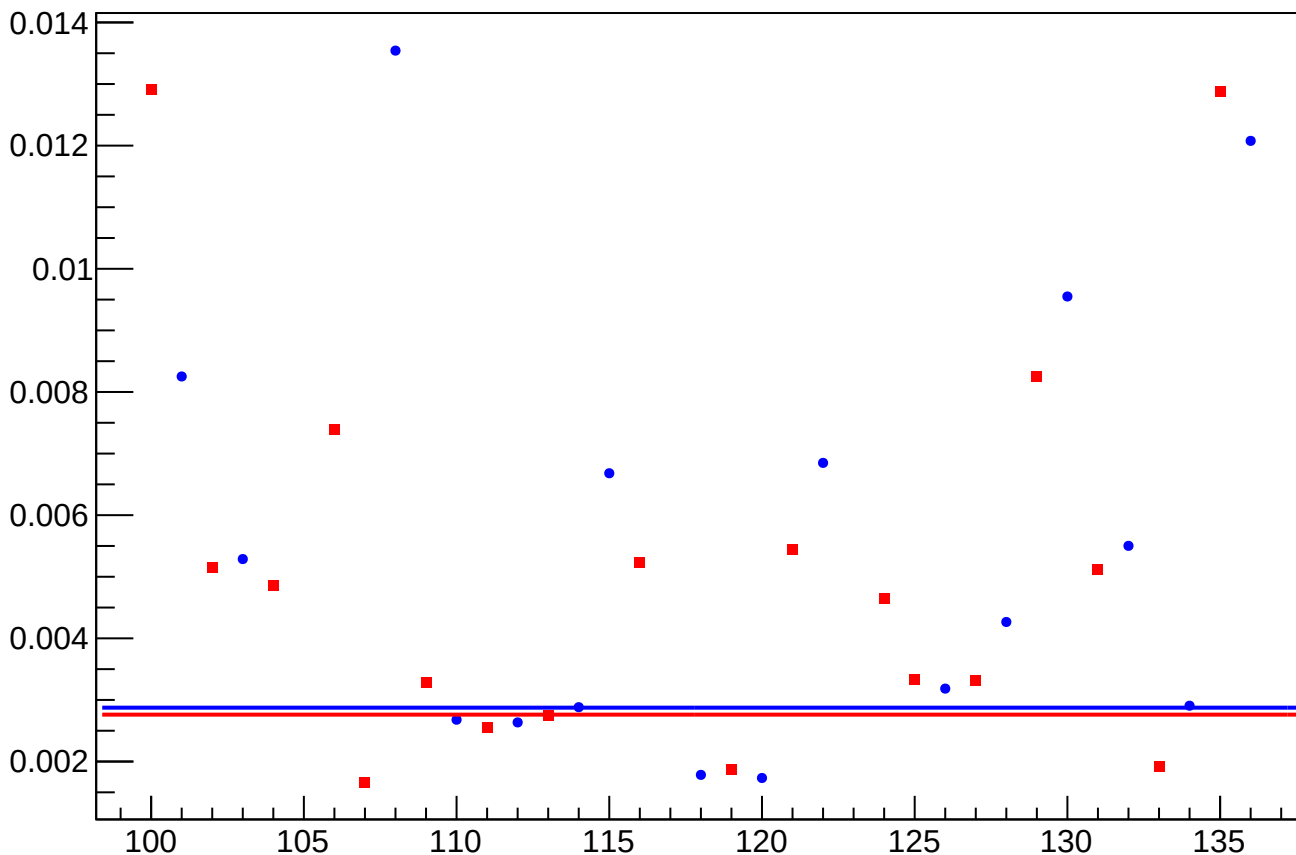
Right: -0.000+/-0.000 χ^2/NDF : 42.4/33

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 : 42.4/33

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 : 3074529.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

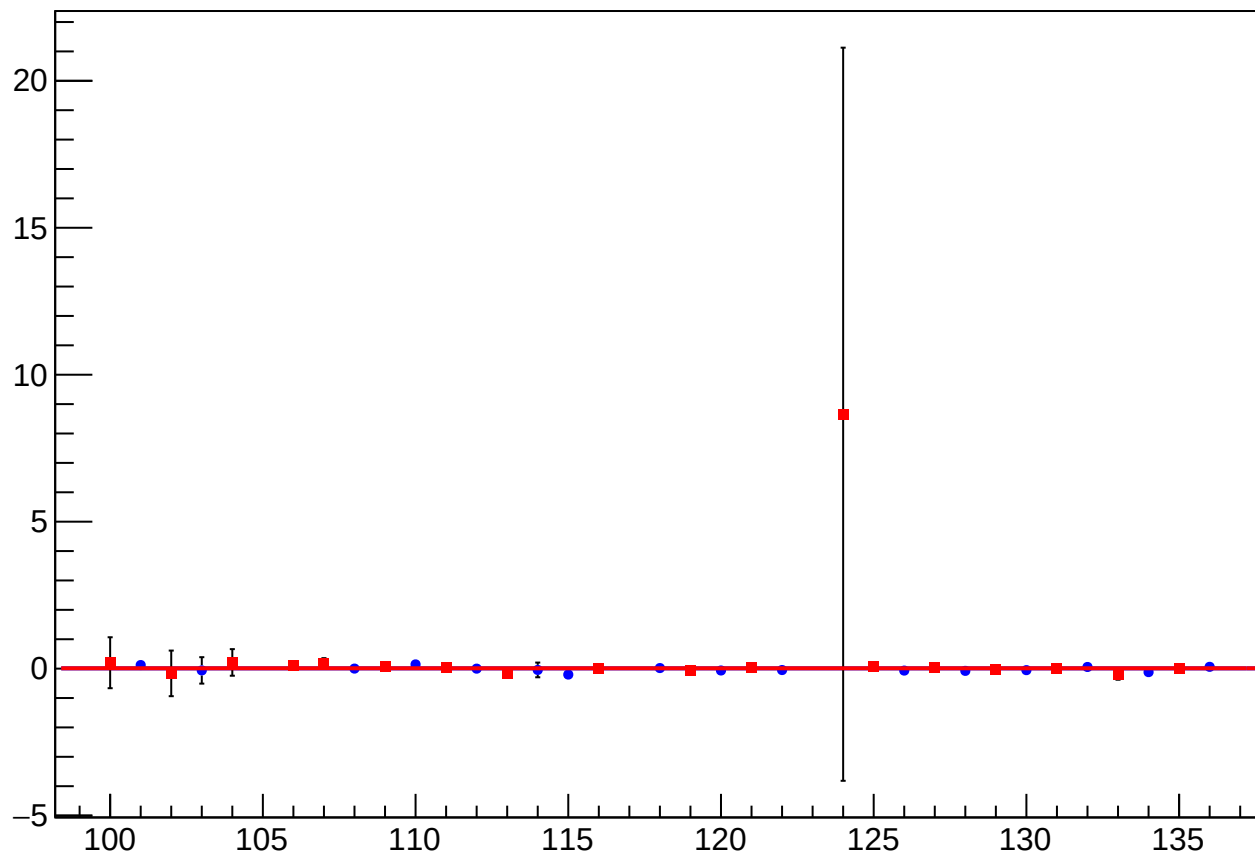
Right: 0.003+/-0.000 χ^2/NDF : 7234892.1/33

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 : 7234892.1/33

asym_atl_dd_atr_dd_dd_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: 0.012+/-0.017 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

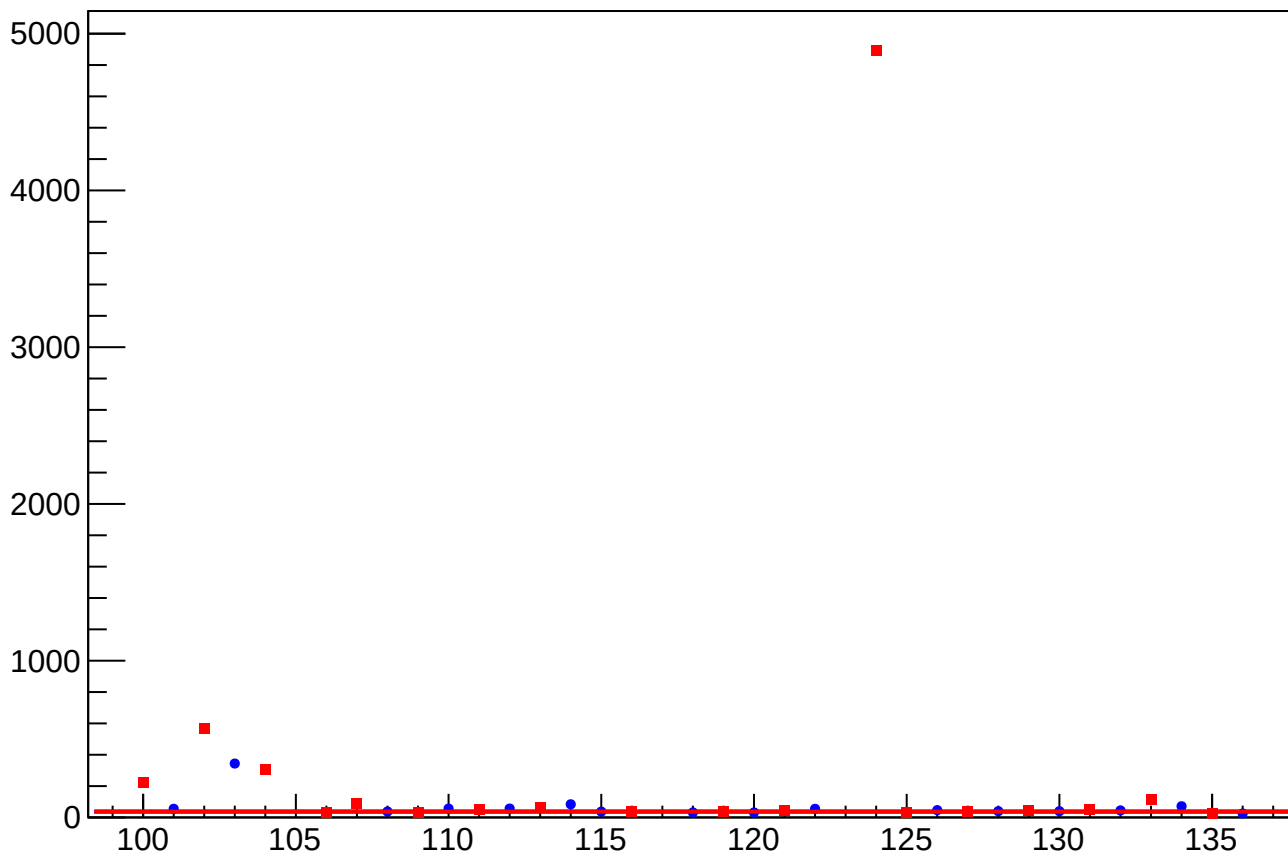
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

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: 37.466+/-0.012 χ^2/NDF : 3142261.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

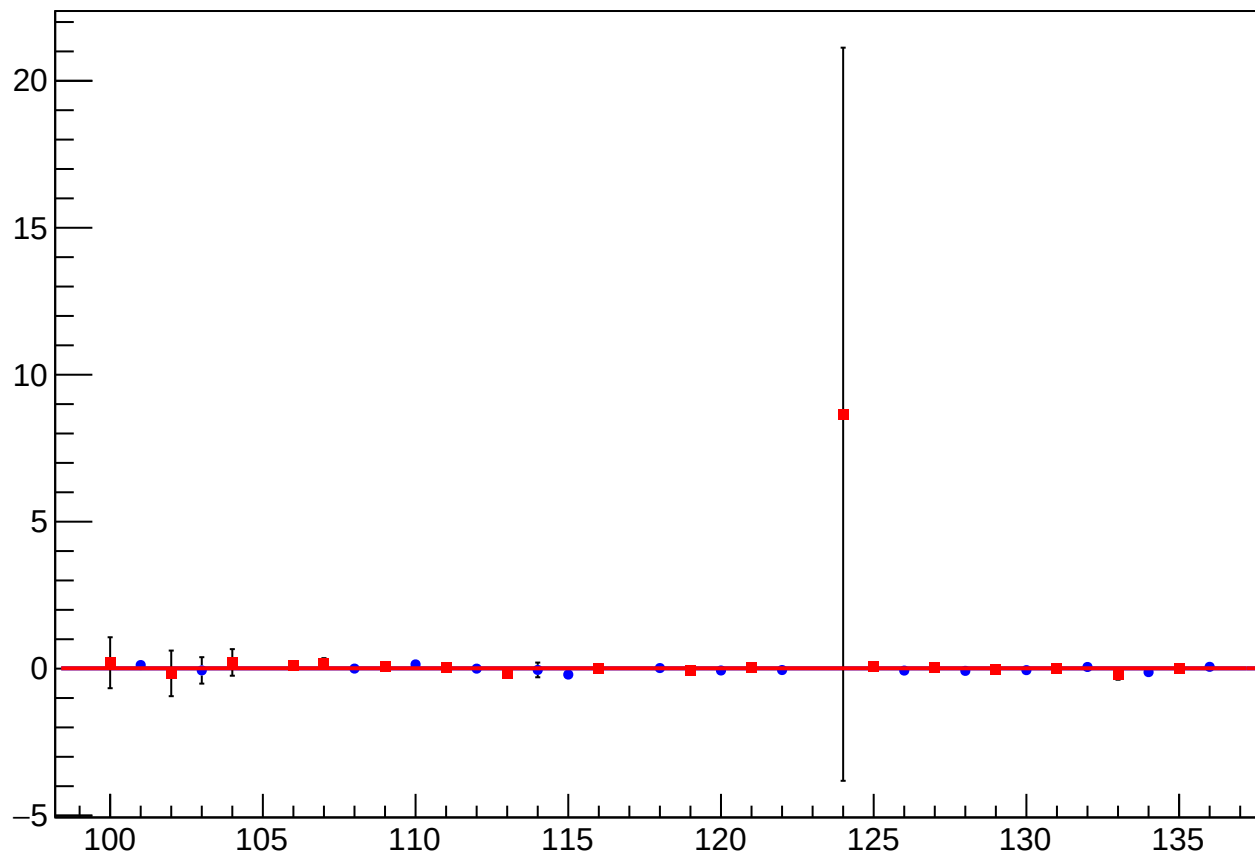
Right: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_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: 0.012 $\pm$ 0.017 χ^2 /NDF: 12.6/17

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

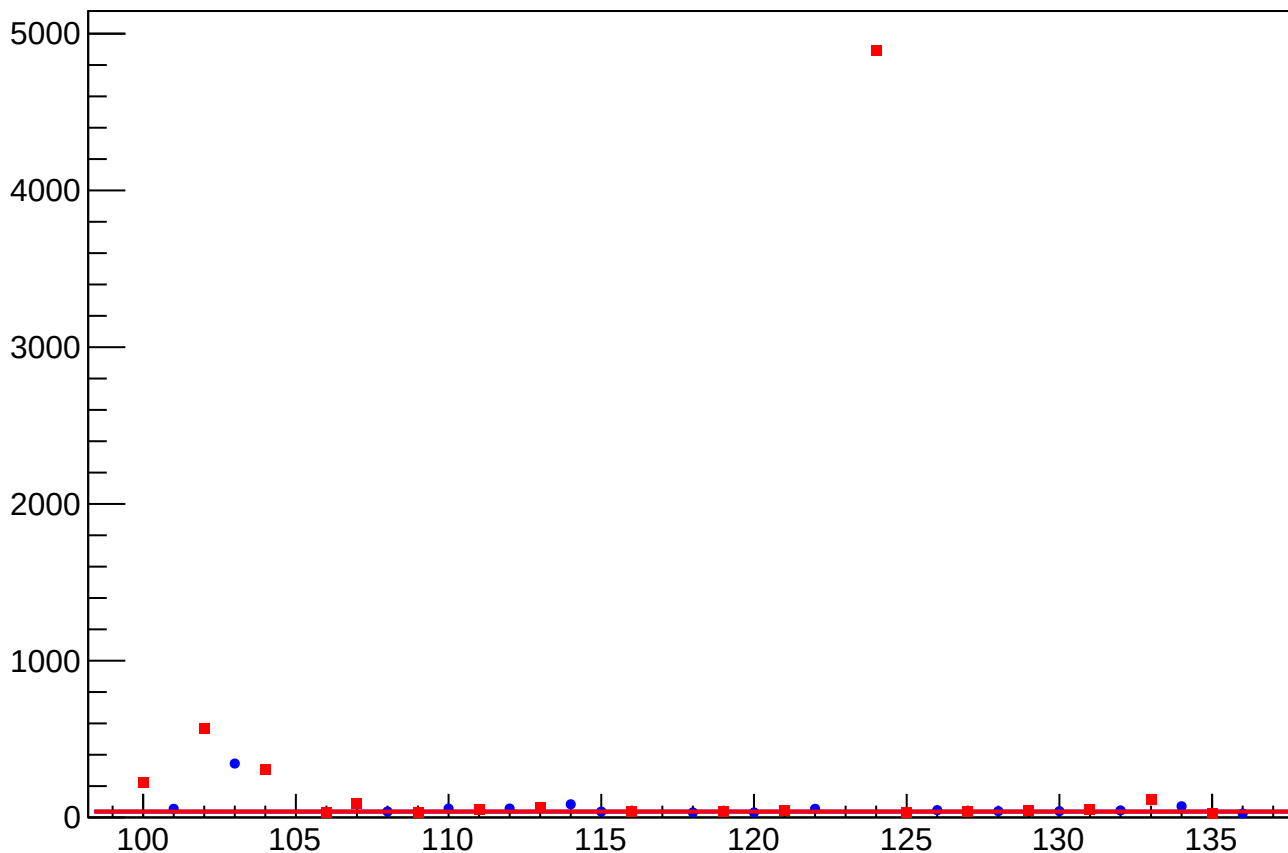
Right: 0.010 $\pm$ 0.012 χ^2 /NDF: 31.8/33

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: 31.8/33

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: 37.466+/-0.012 χ^2/NDF : 3142261.3/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

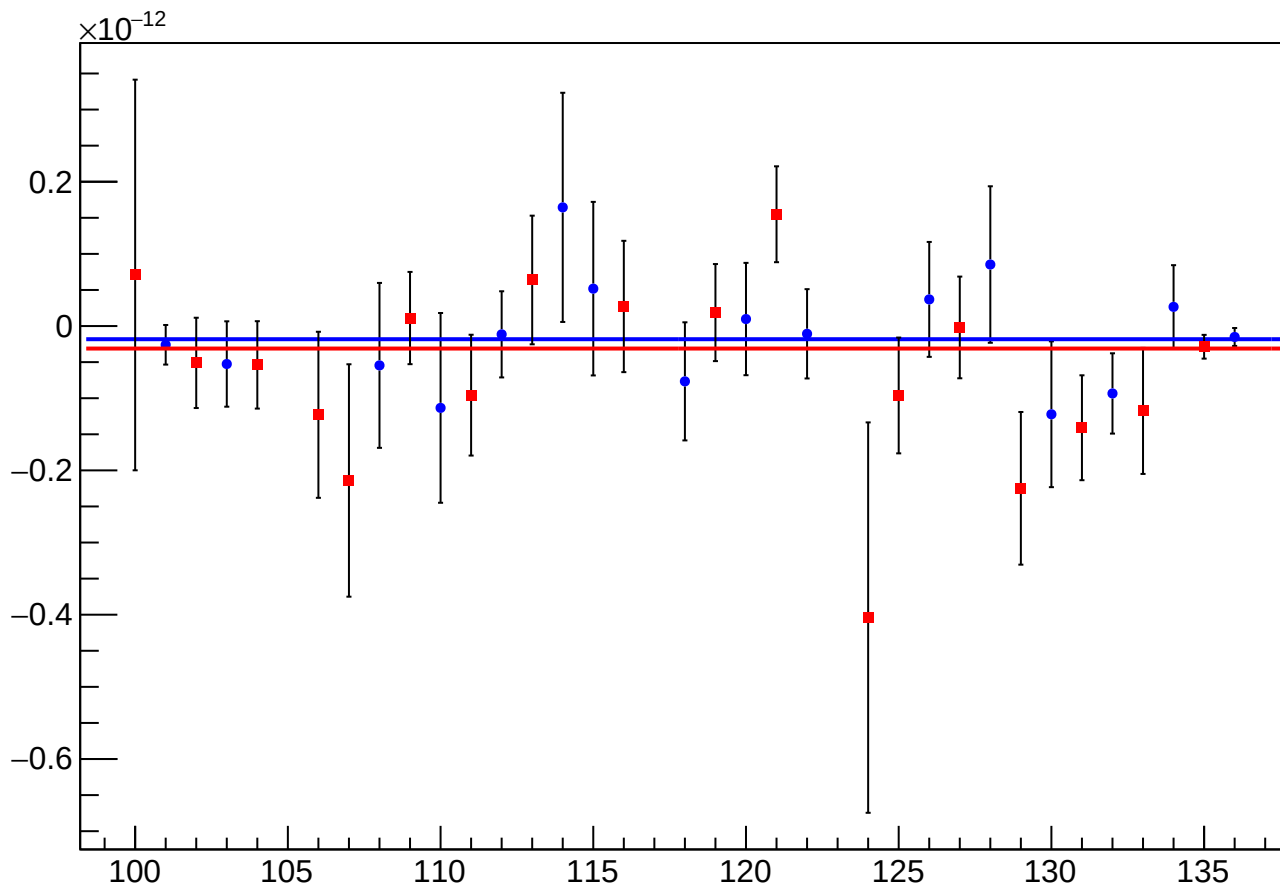
Right: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

asym_atl_dd_atr_dd_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 : 22.6/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

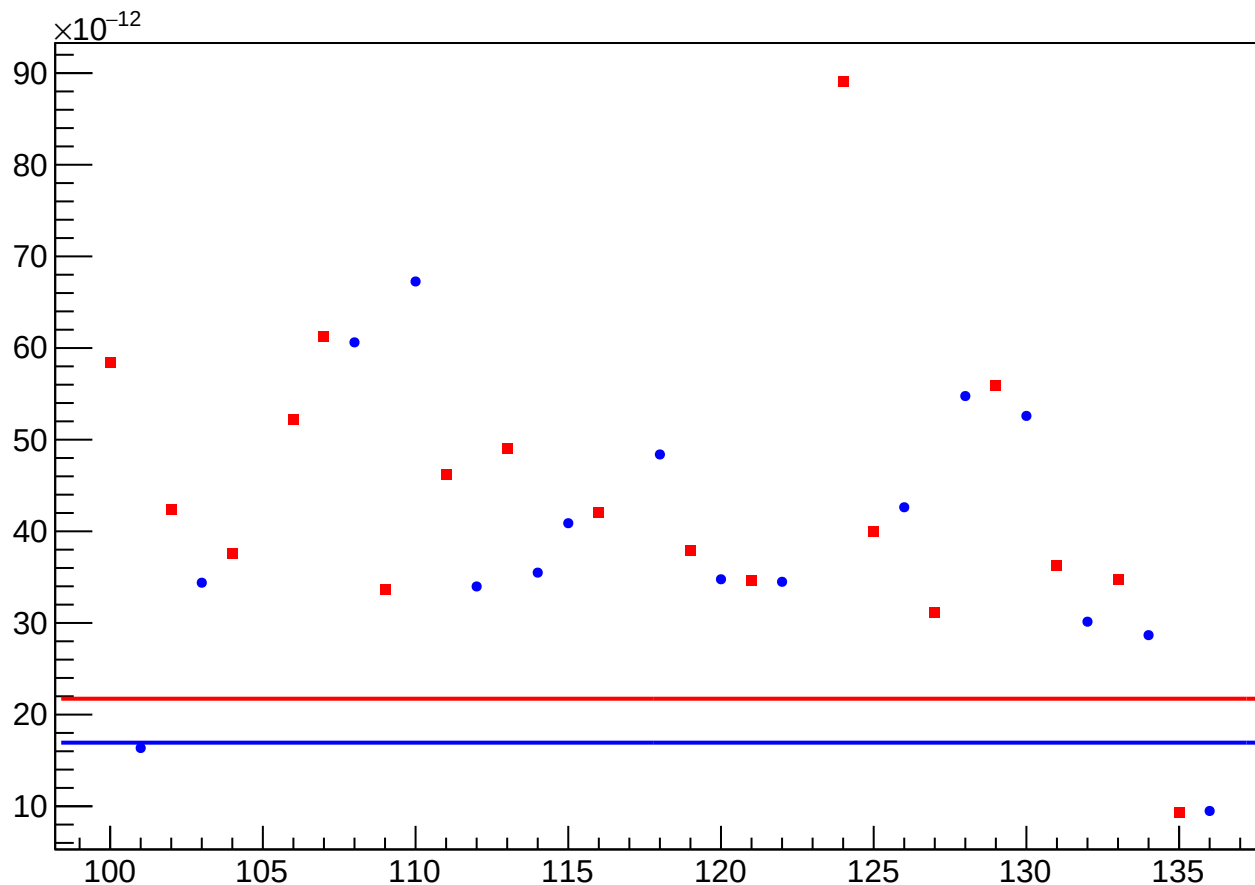
Right: -0.000+/-0.000 χ^2/NDF : 31.6/33

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 : 31.6/33

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 : 3107811.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

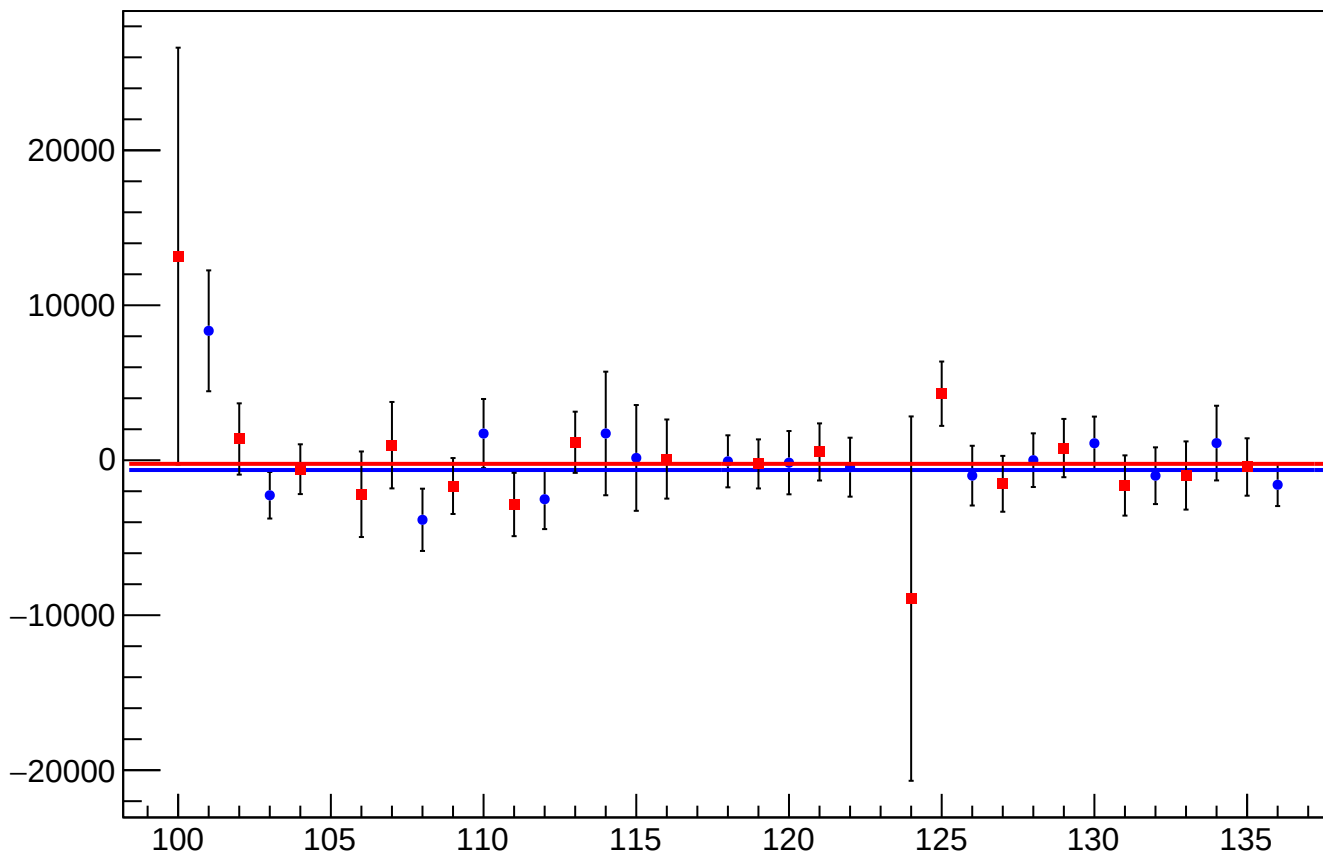
Right: 0.000+/-0.000 χ^2/NDF : 6492870.2/33

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 : 6492870.2/33

reg_asym_at1_avg_at2_avg_dd_mean vs Slug, Sign Corrected



Right In: -631.041 $\pm$ 488.663 χ^2 /NDF: 13.9/15

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

Right Out: -232.990 $\pm$ 494.825 χ^2 /NDF: 11.9/17

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

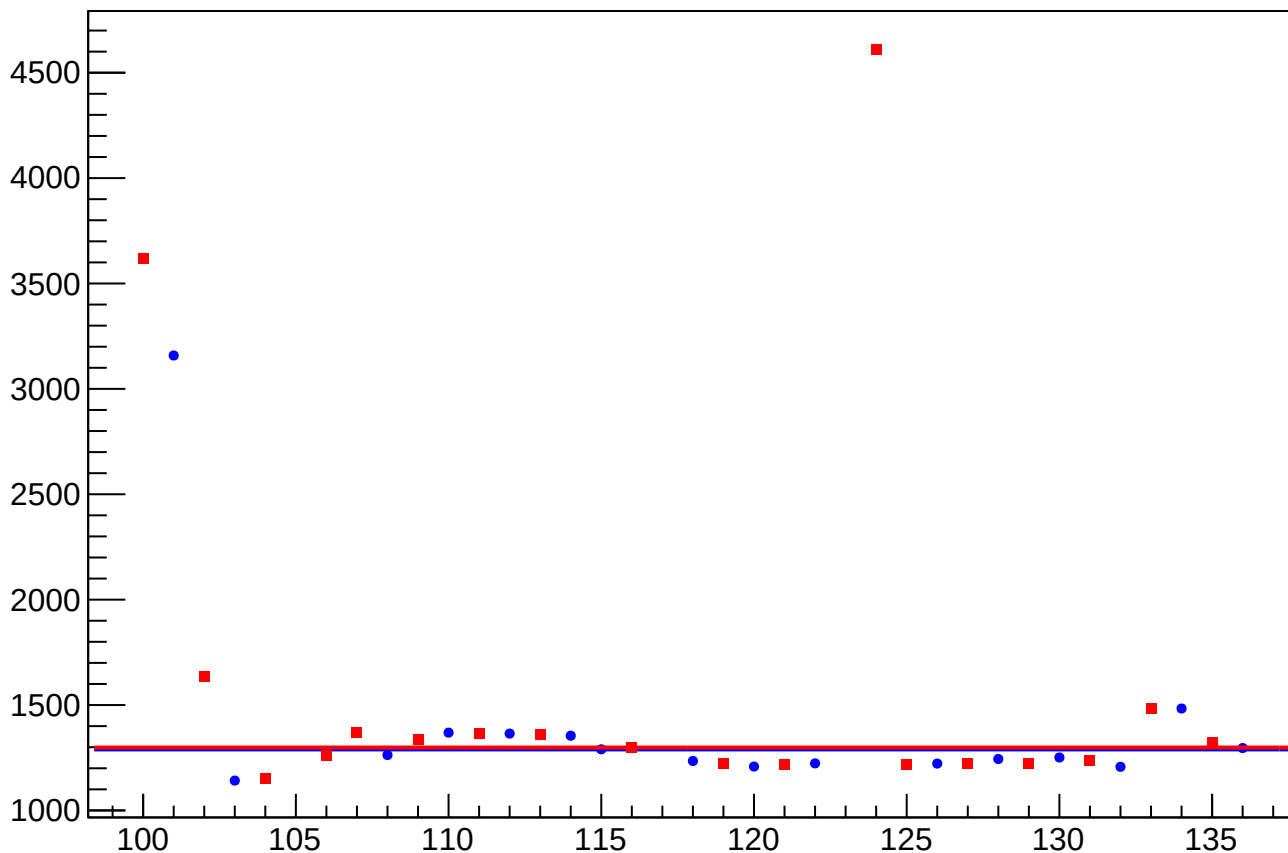
Right: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

In: -631.041 $\pm$ 488.663 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

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: 1298.504 $\pm$ 0.349 χ^2 /NDF: 319368.2/17

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

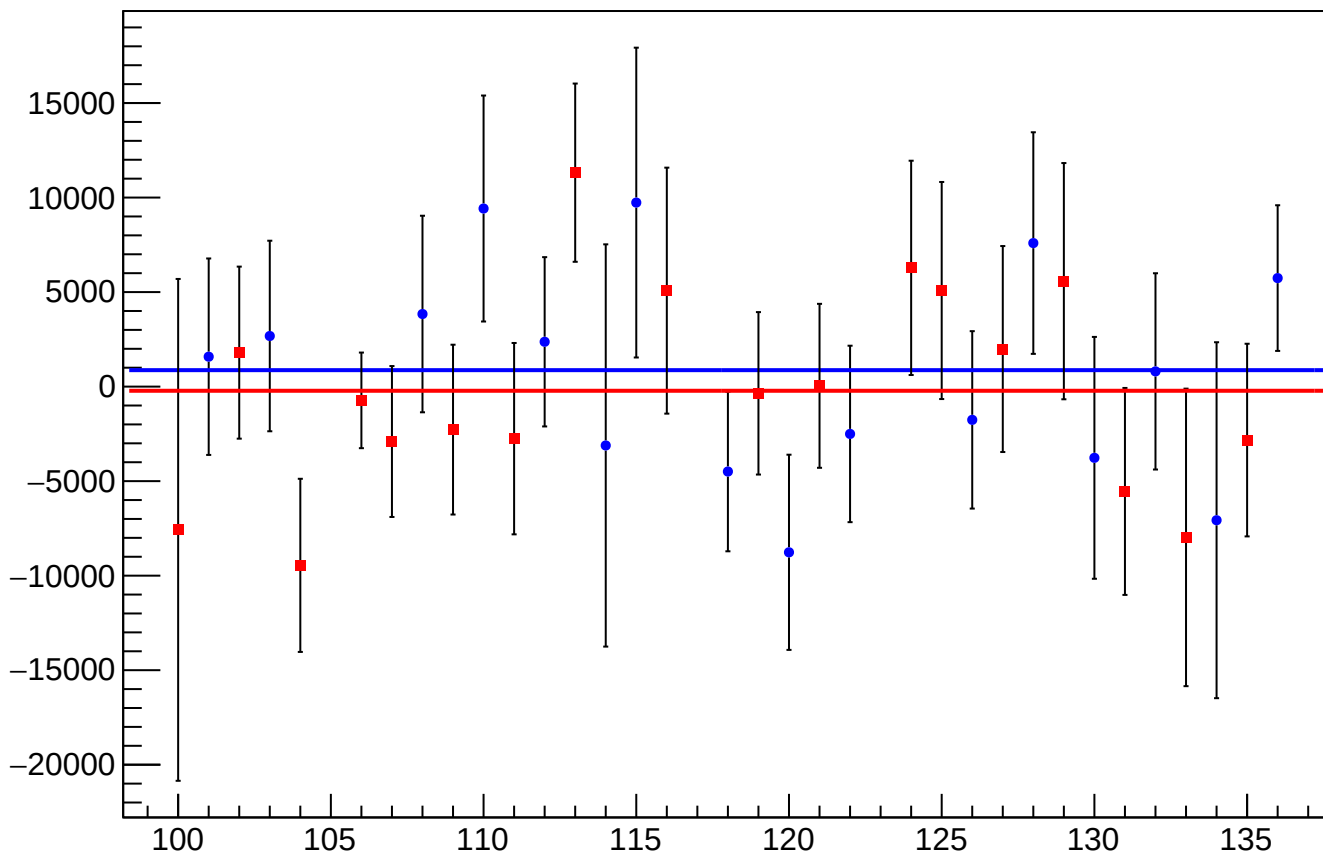
Right: 1293.941 $\pm$ 0.246 χ^2 /NDF: 834381.9/33

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: 1293.941 $\pm$ 0.246 χ^2 /NDF: 834381.9/33

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295+/-1325.278 χ^2/NDF : 14.0/15

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

Right Out: -219.753+/-1122.104 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

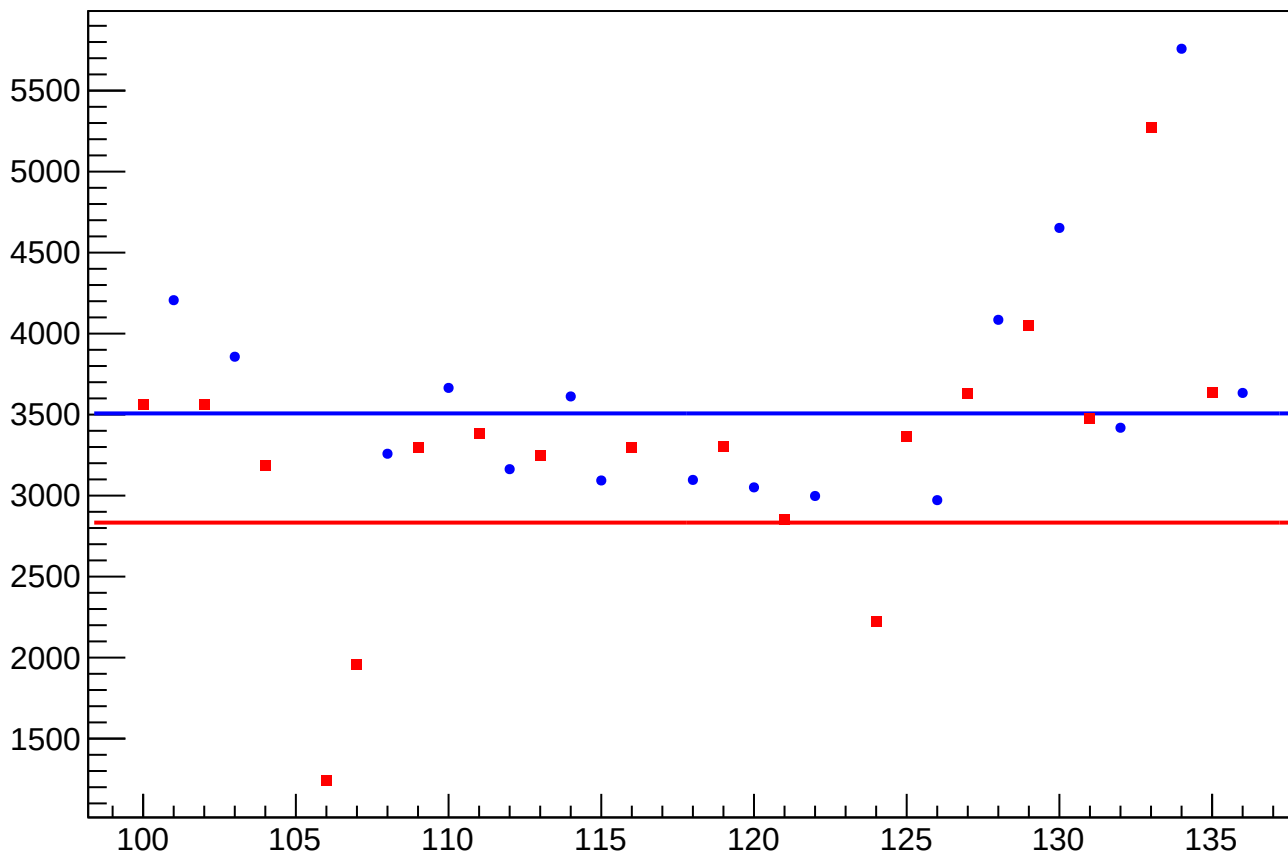
Right: 235.397+/-856.371 χ^2/NDF : 32.0/33

In: 870.295+/-1325.278 χ^2/NDF :14.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 235.397+/-856.371 χ^2/NDF : 32.0/33

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: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

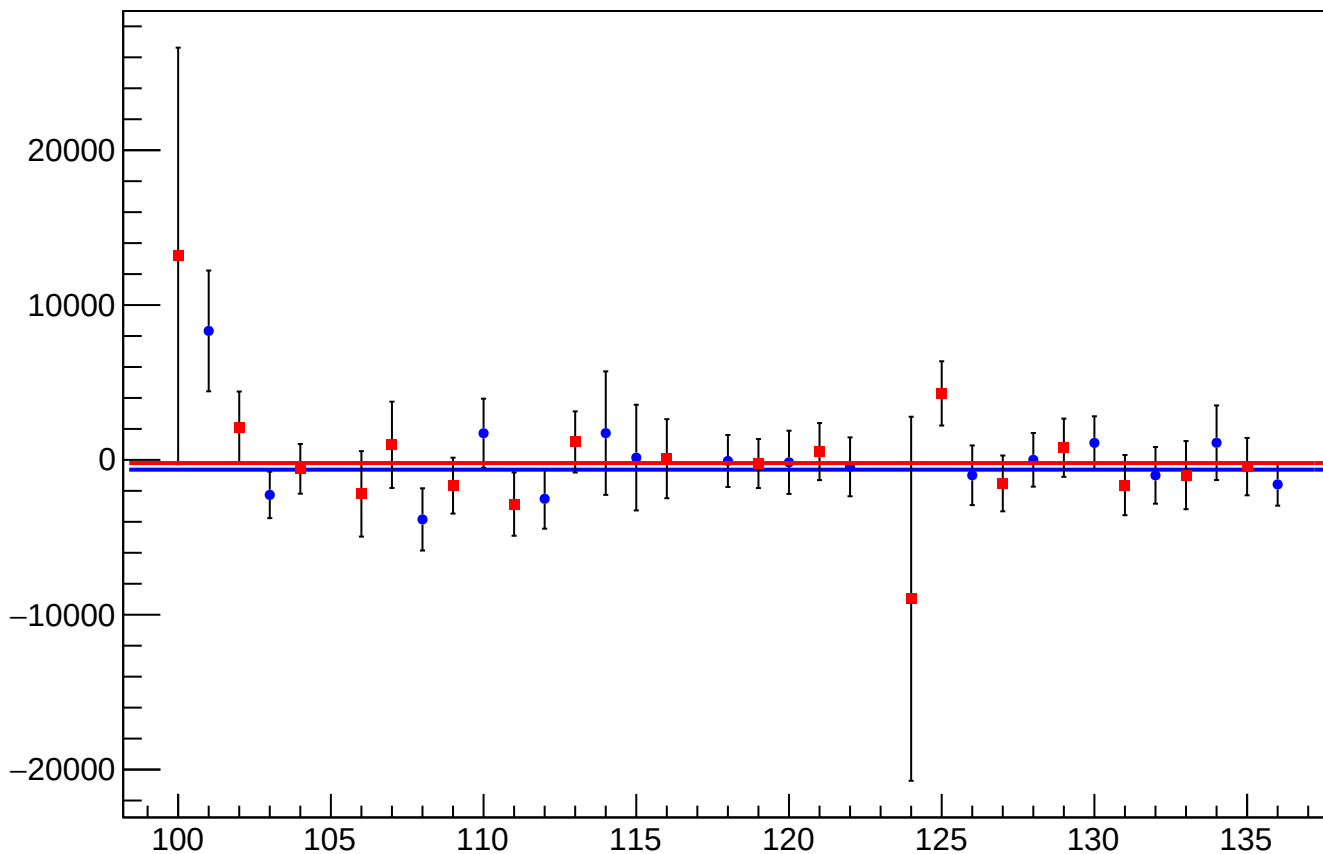
Right: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

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: -203.326+/-495.163 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

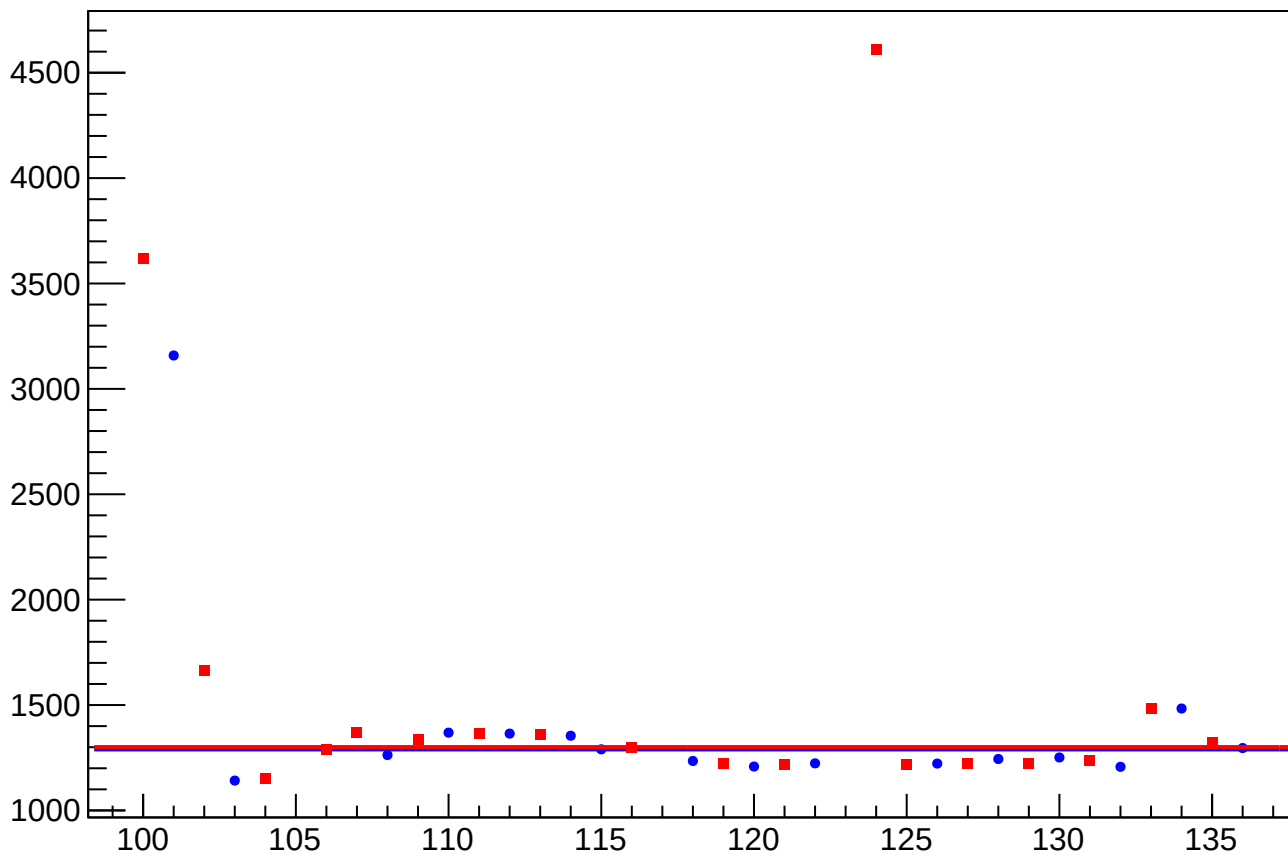
Right: -420.205+/-347.812 χ^2 /NDF: 26.7/33

In: -631.427+/-488.663 χ^2 /NDF:13.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -420.205+/-347.812 χ^2 /NDF: 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

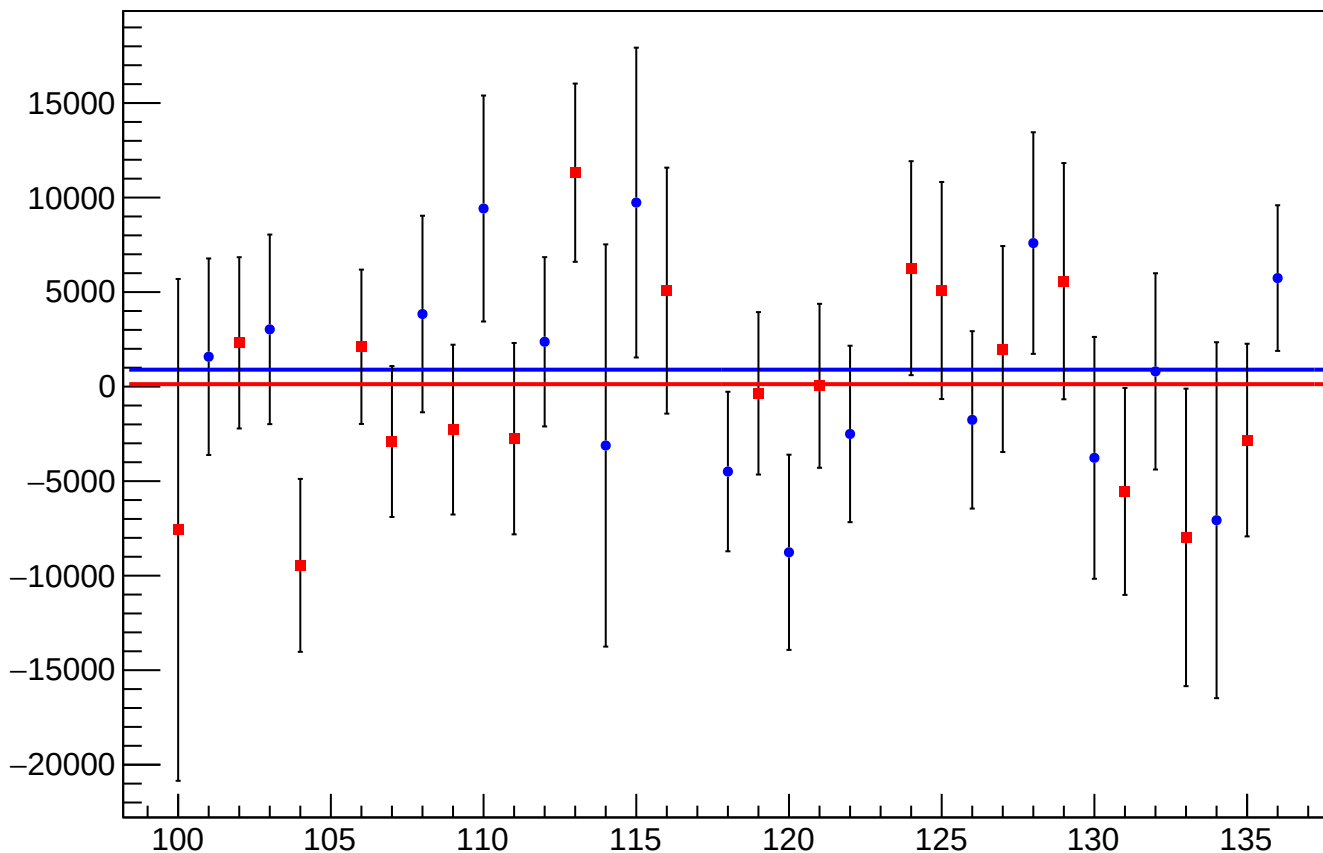
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

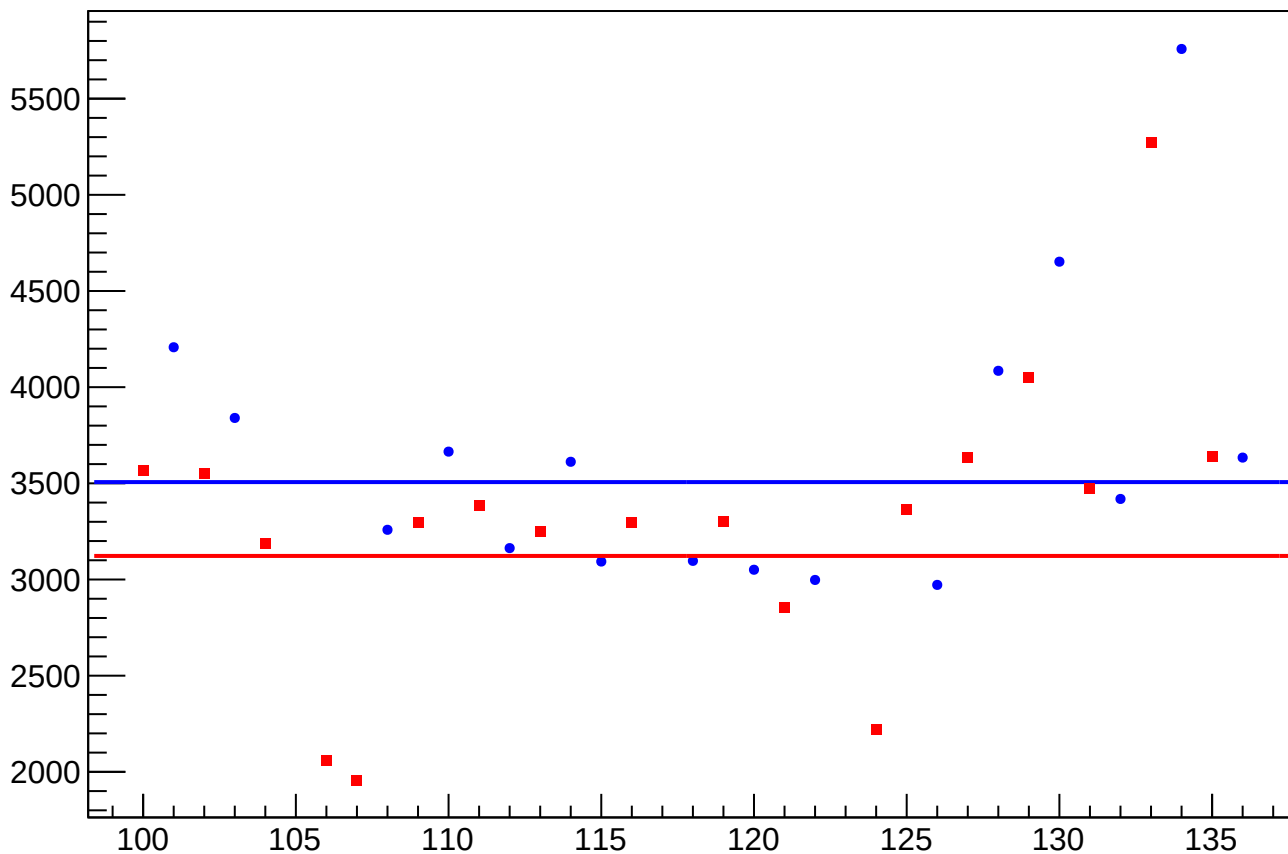
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

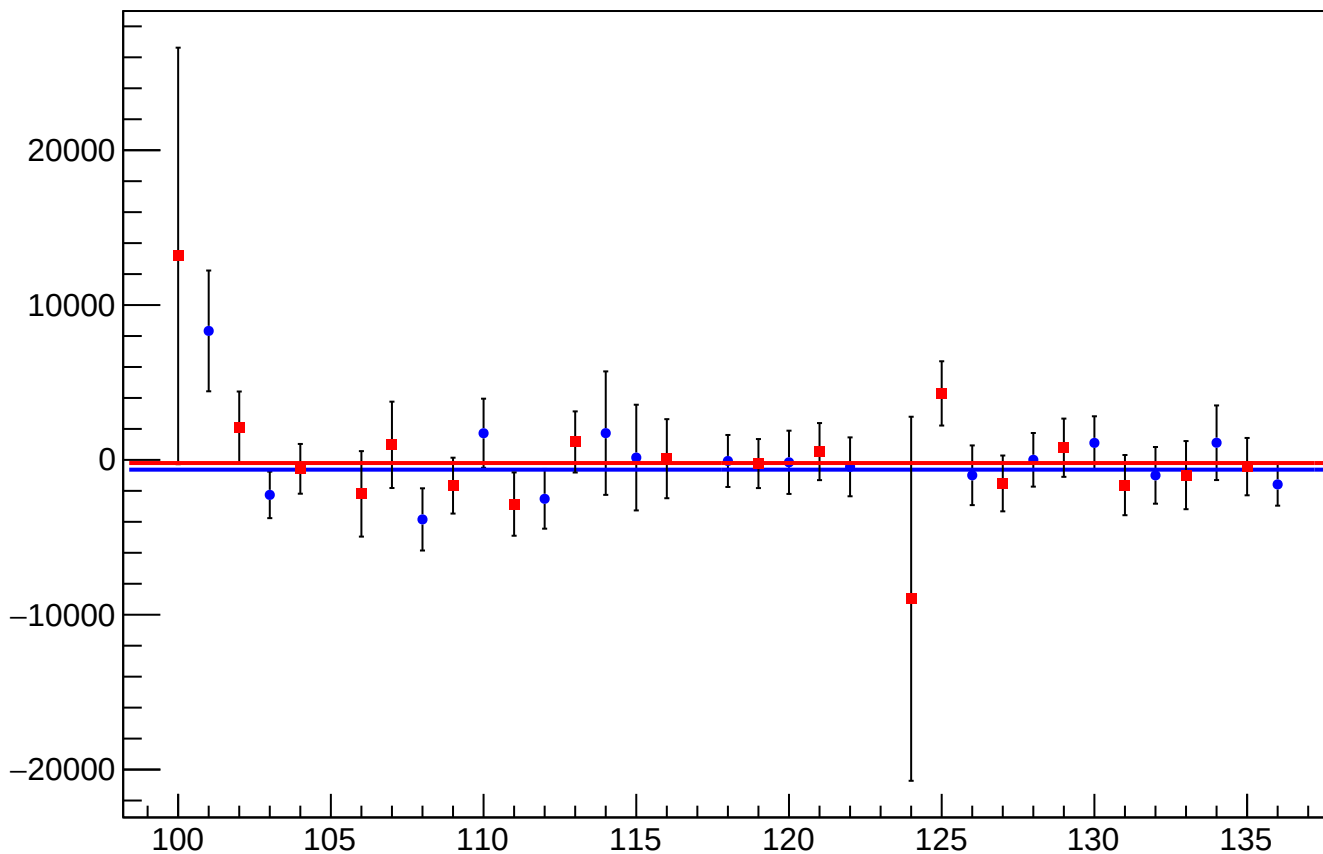
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -203.326+/-495.163 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

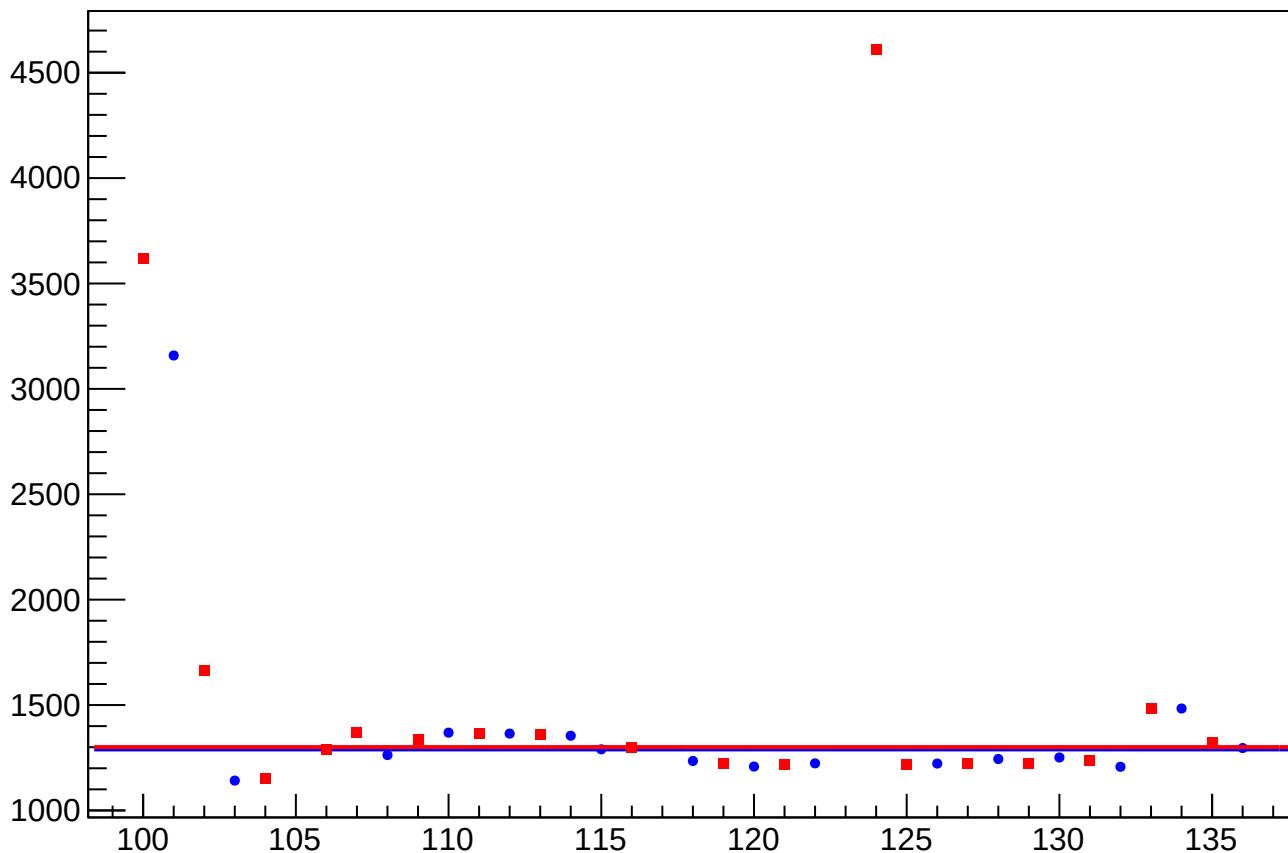
Right: -420.205+/-347.812 χ^2/NDF : 26.7/33

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.205+/-347.812 χ^2/NDF : 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

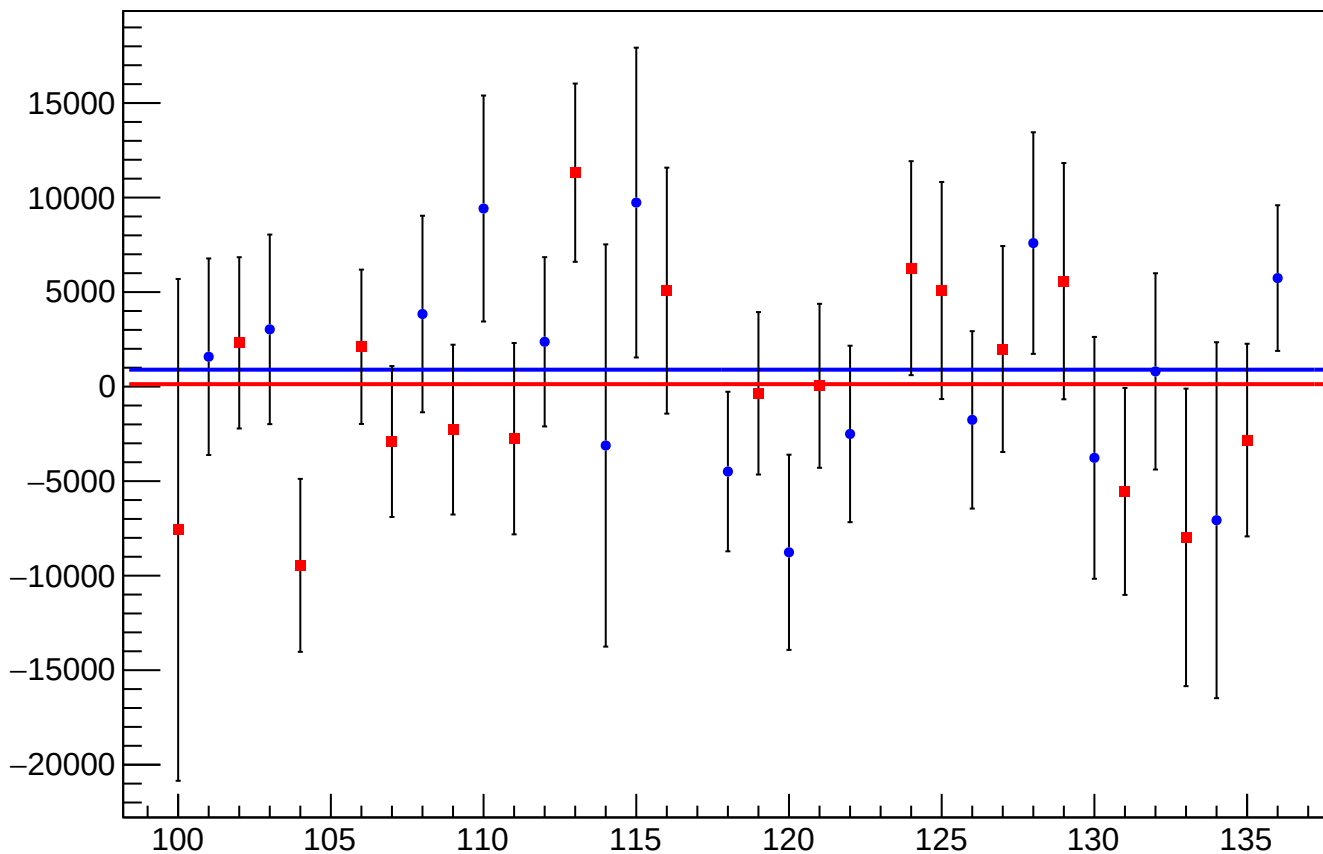
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

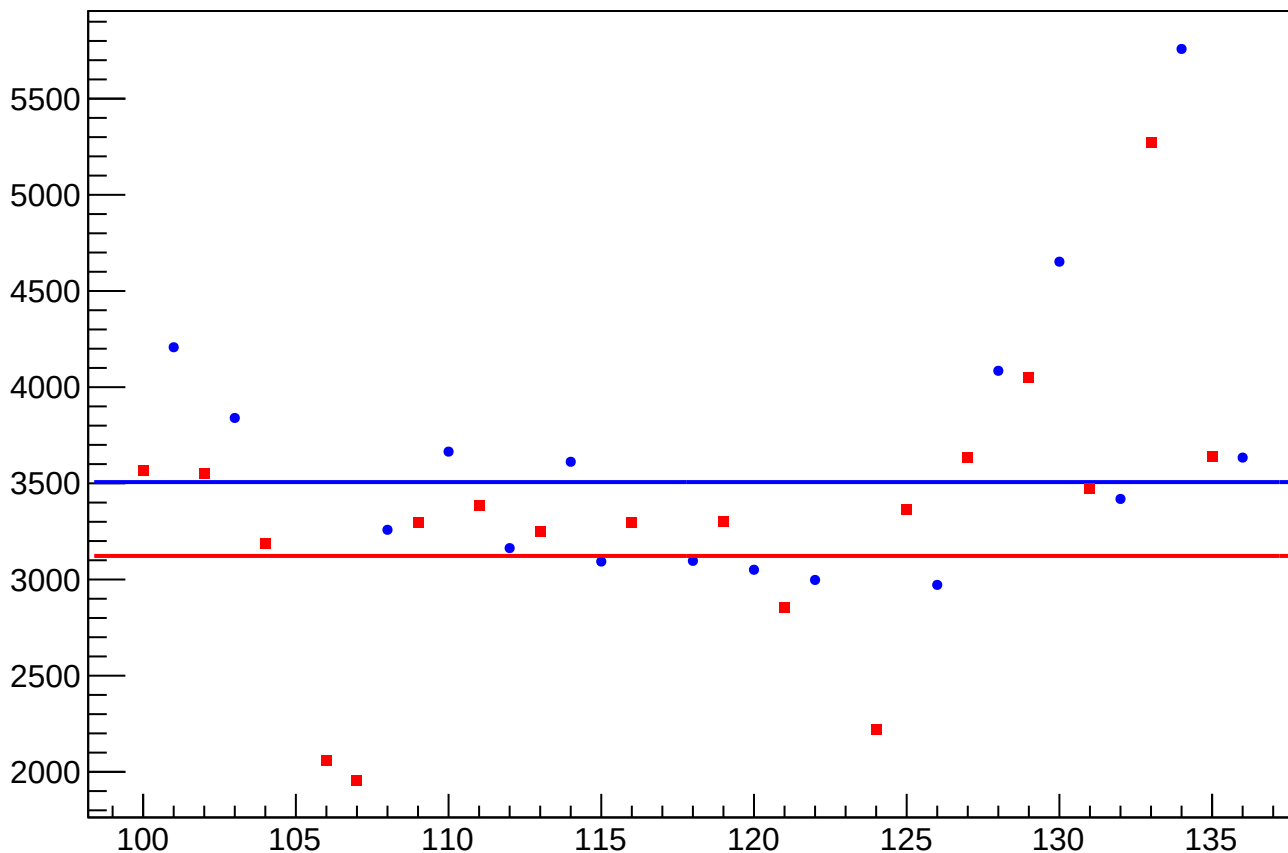
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

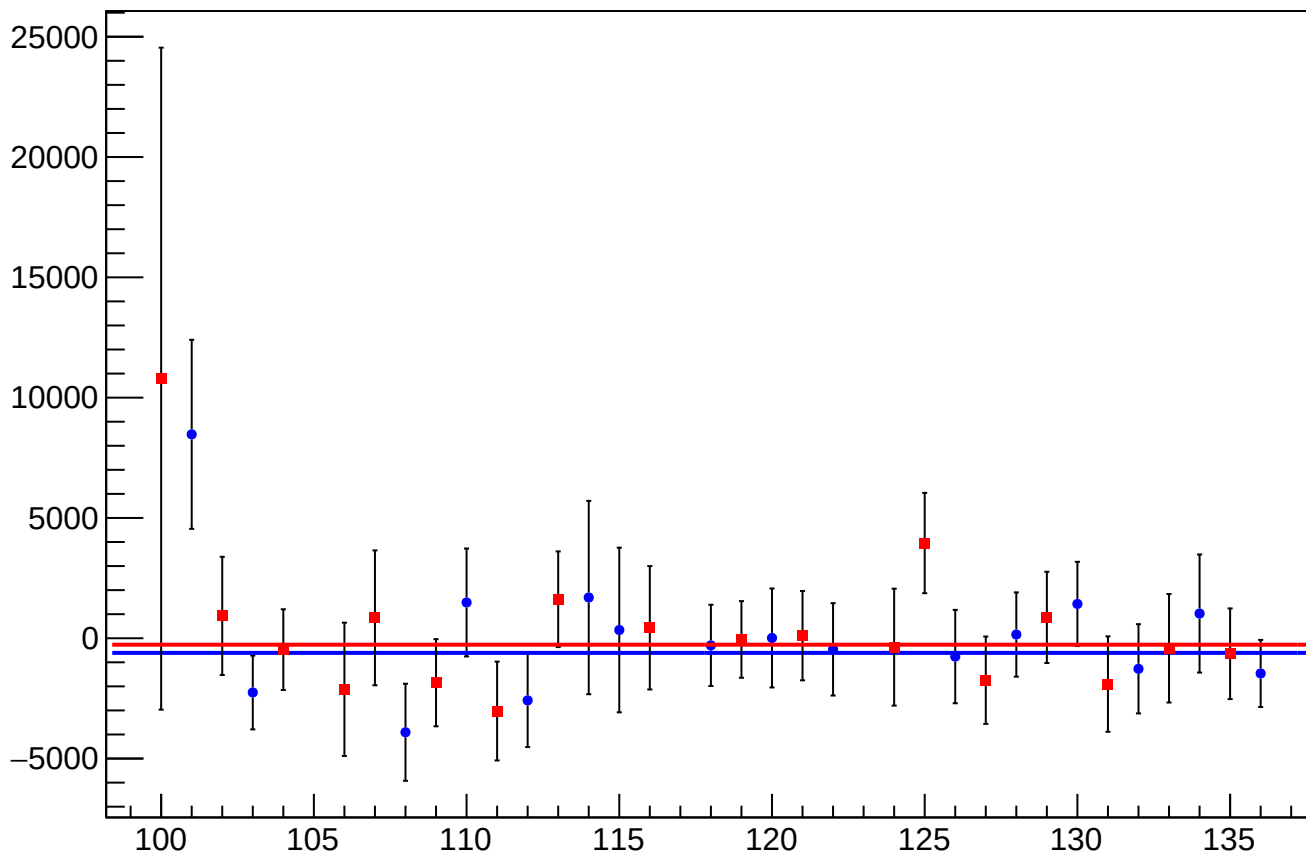
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -267.829+/-492.176 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

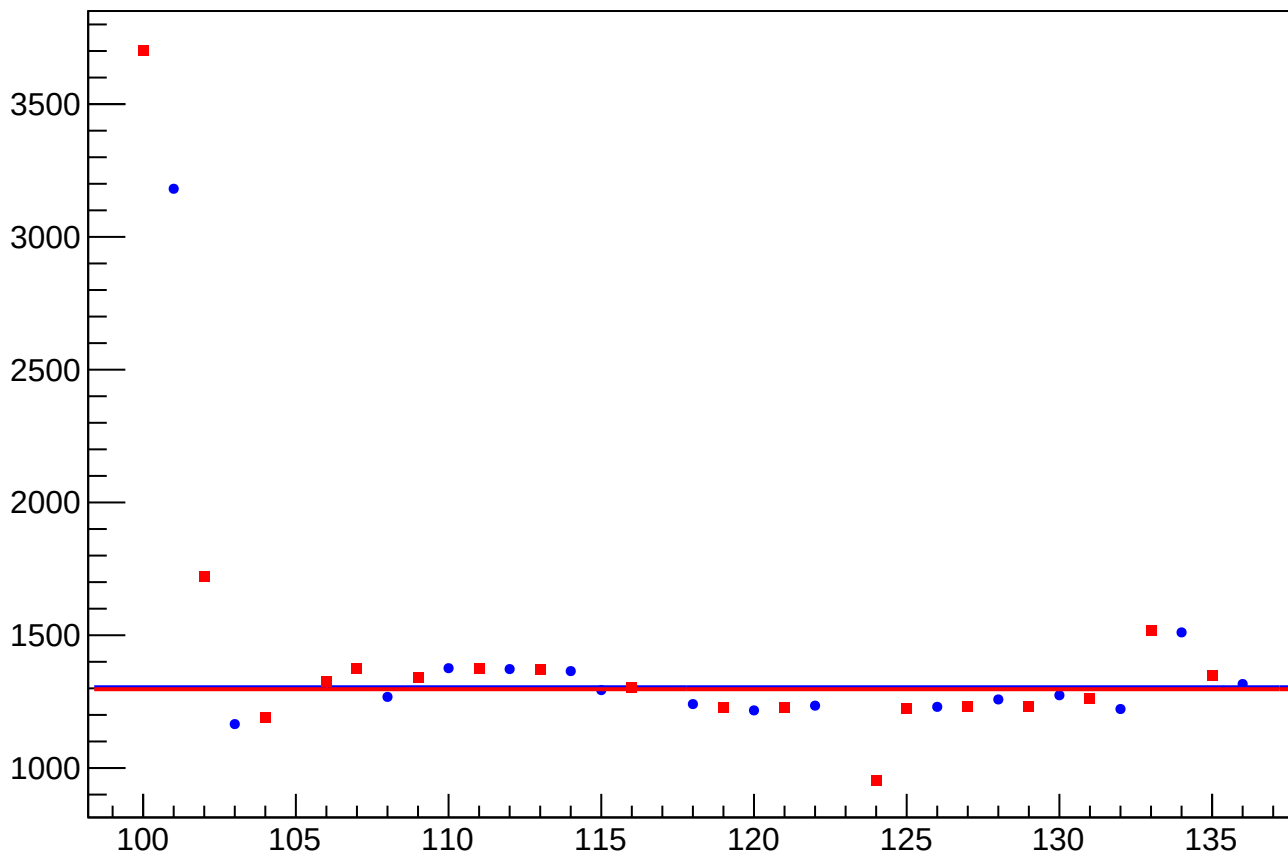
Right: -437.139+/-348.728 χ^2/NDF : 25.3/33

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.139+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212745.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

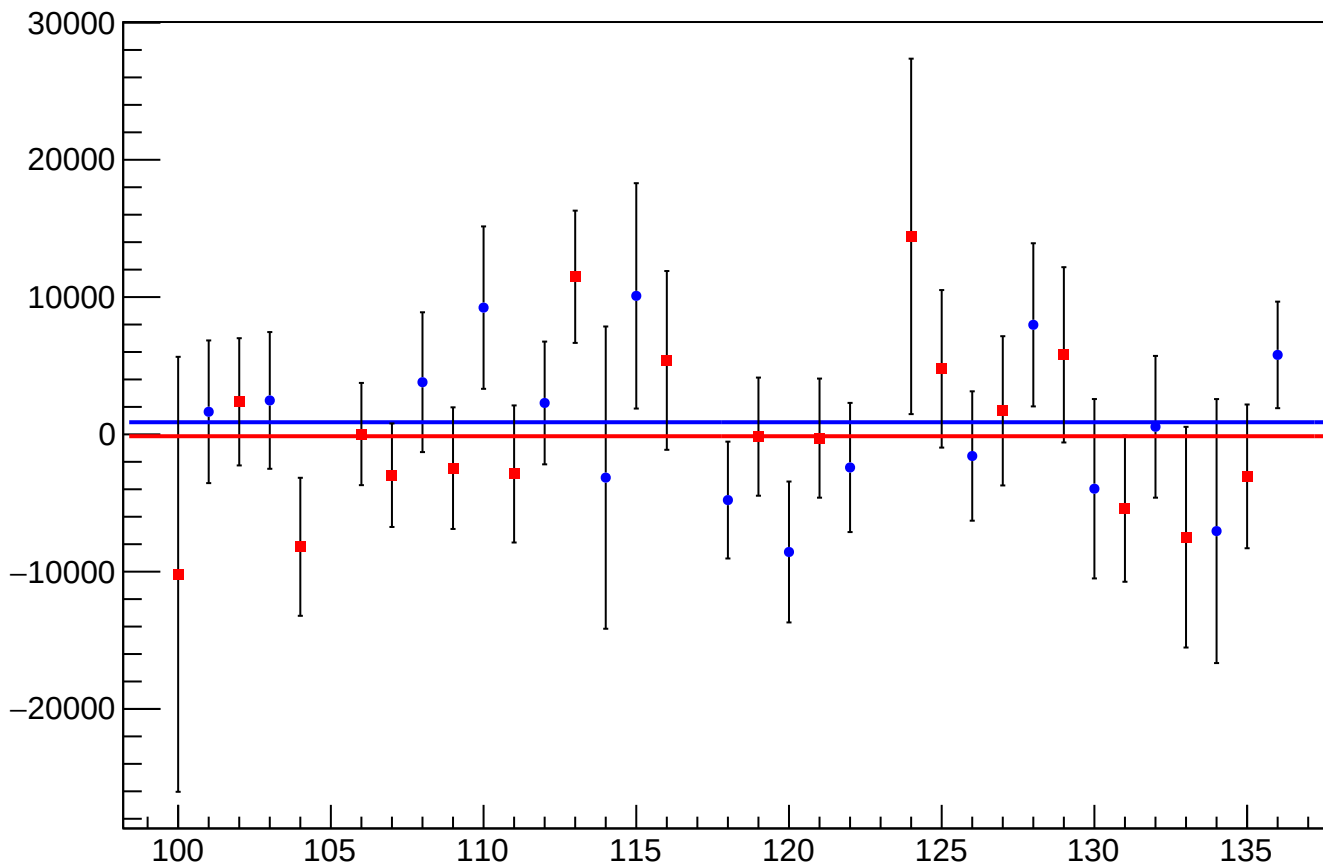
Right: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

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: -135.392+/-1213.109 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

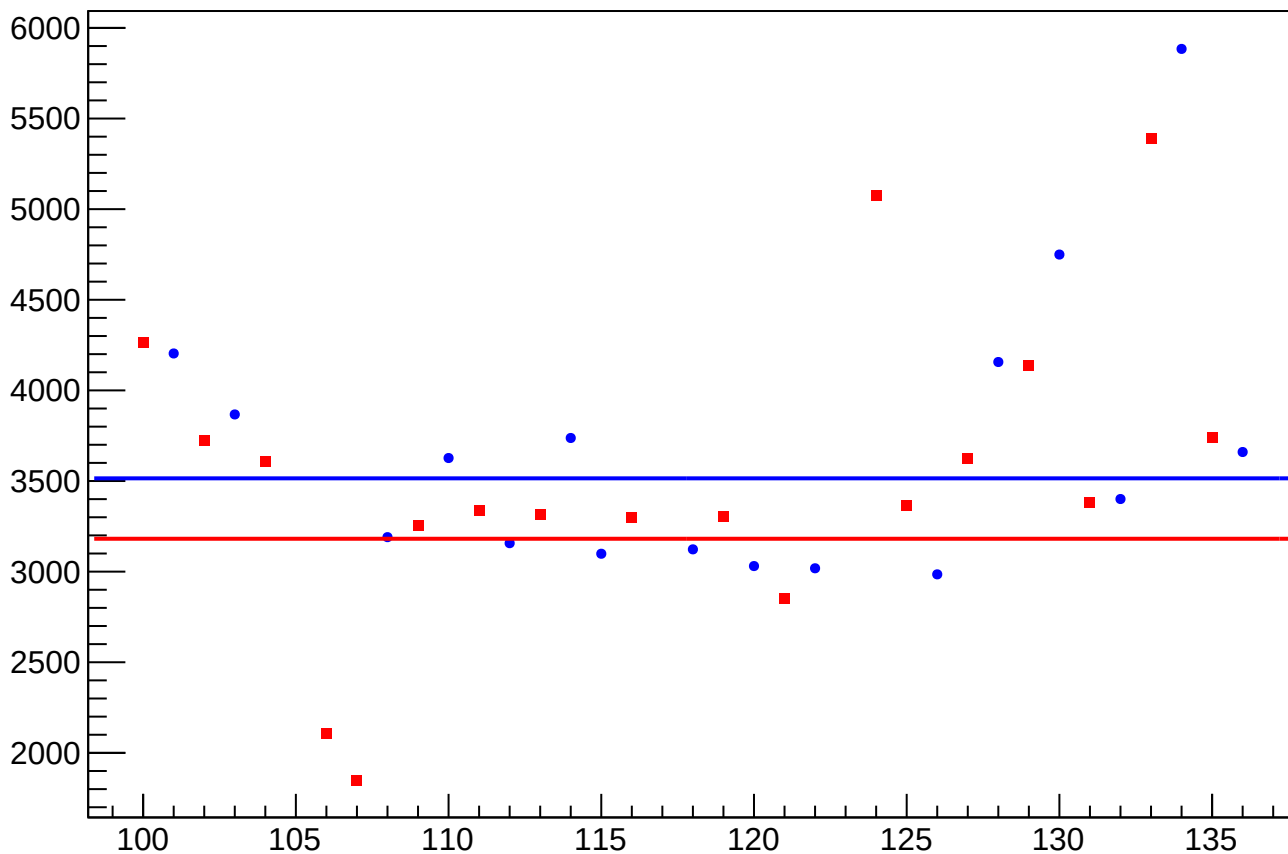
Right: 328.563+/-895.482 χ^2/NDF : 30.5/33

In: 884.058+/-1327.399 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.563+/-895.482 χ^2/NDF : 30.5/33

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: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

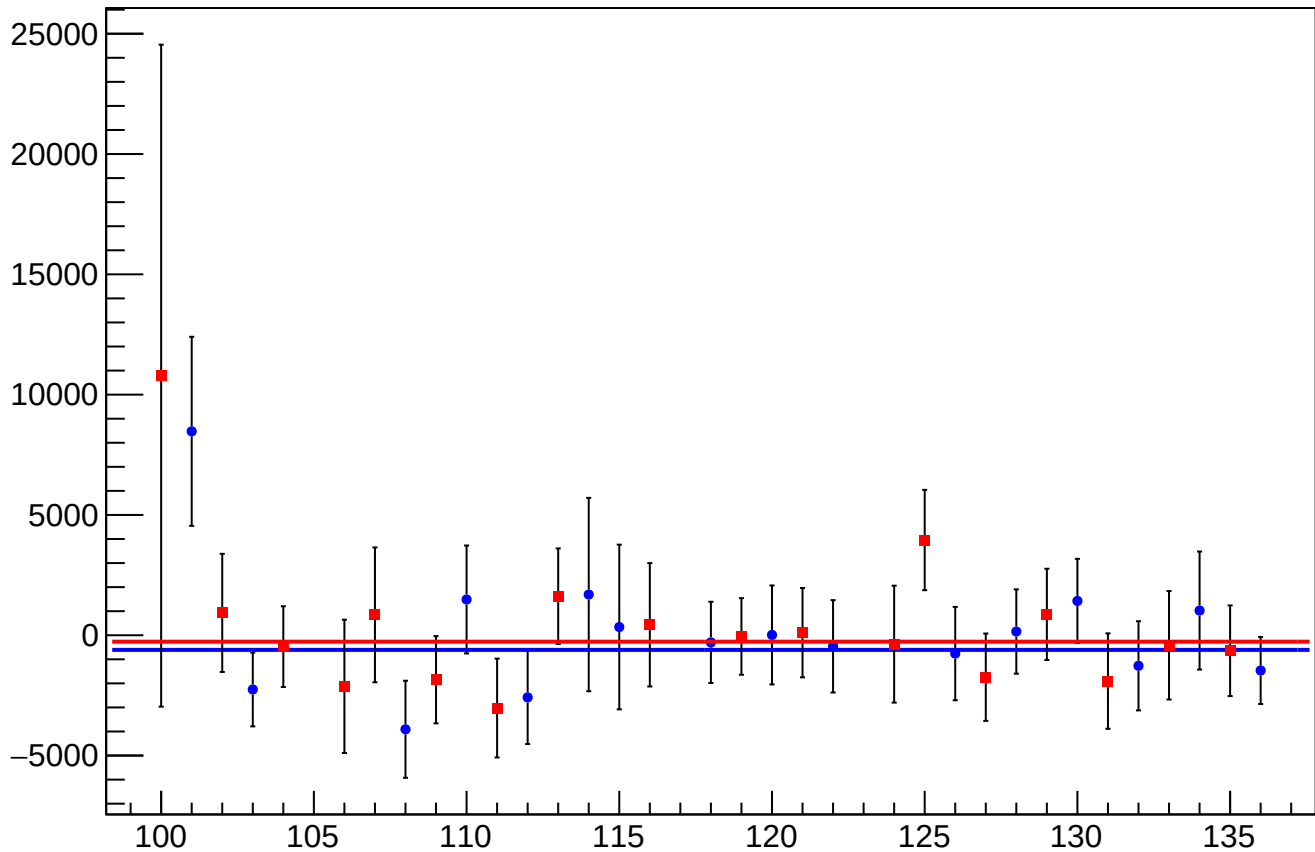
Right: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

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: -267.835+/-492.176 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

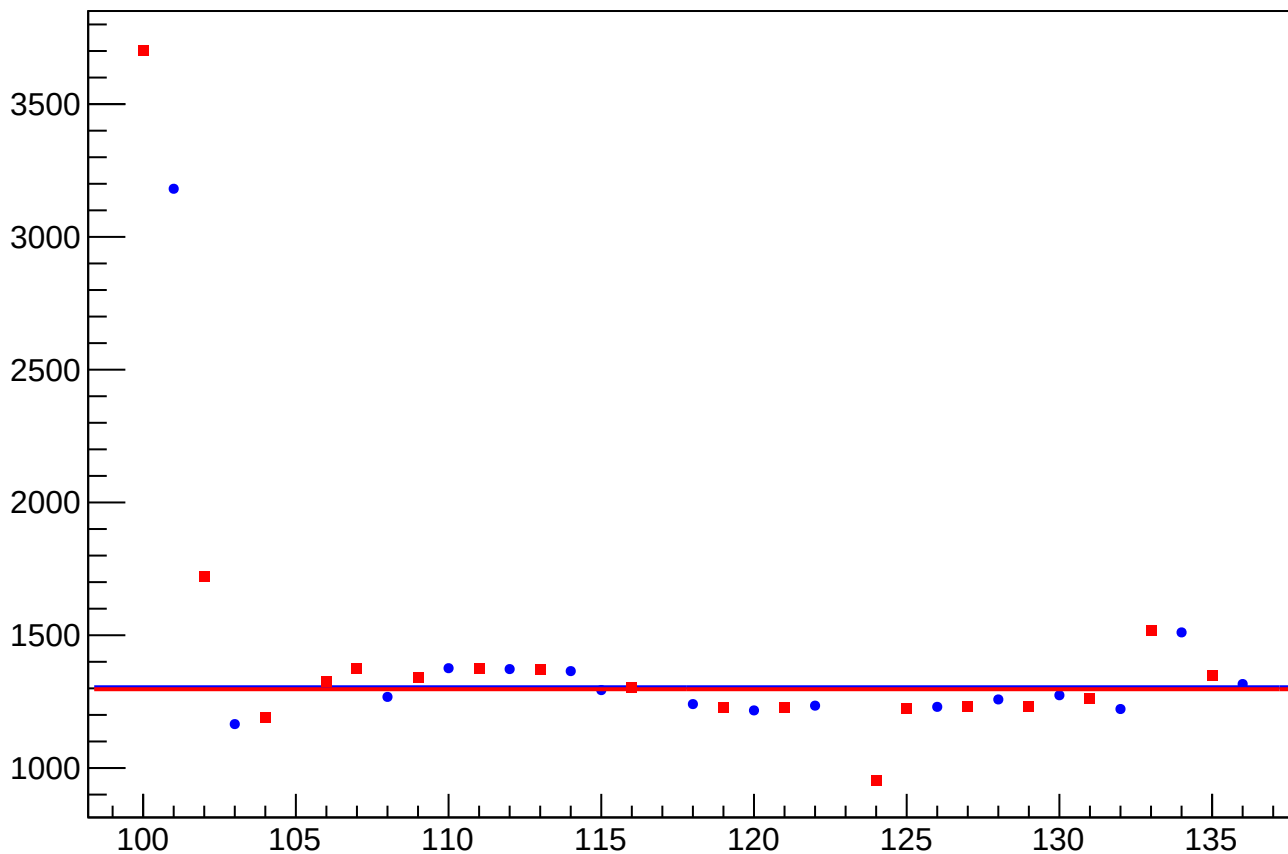
Right: -437.143+/-348.728 χ^2/NDF : 25.3/33

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.143+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212746.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

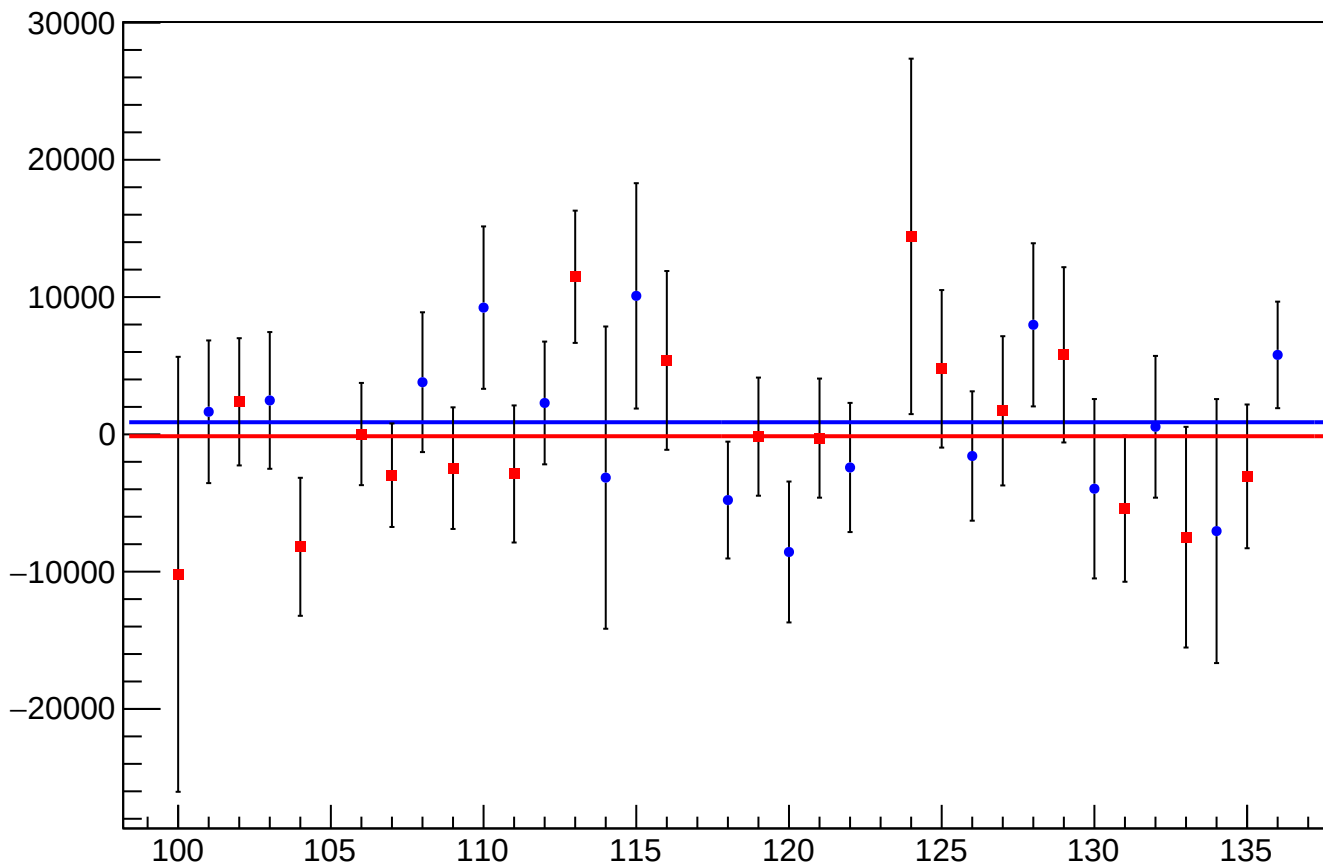
Right: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

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: -135.395+/-1213.106 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

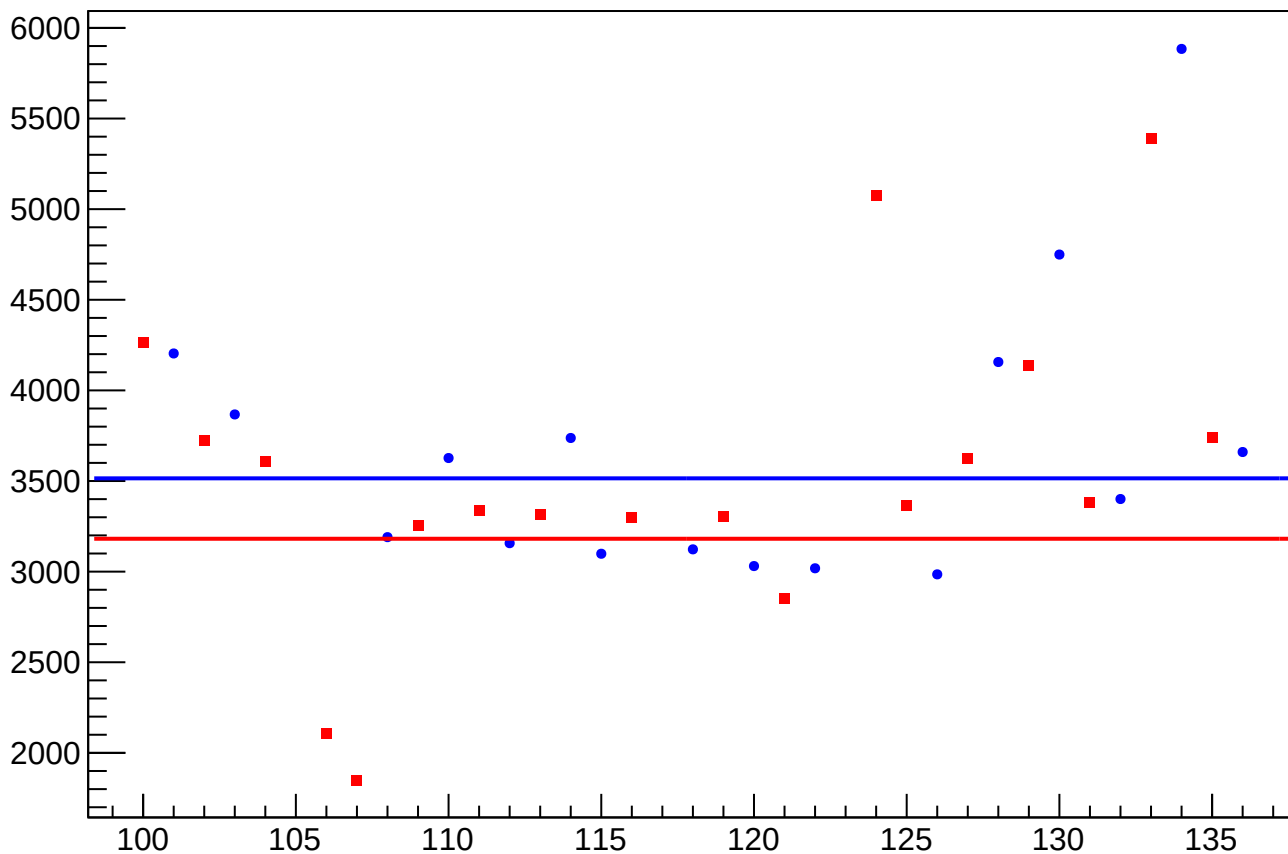
Right: 328.557+/-895.479 χ^2/NDF : 30.5/33

In: 884.047+/-1327.396 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 328.557+/-895.479 χ^2/NDF : 30.5/33

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: 3181.387+/-0.858 χ^2/NDF : 765103.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

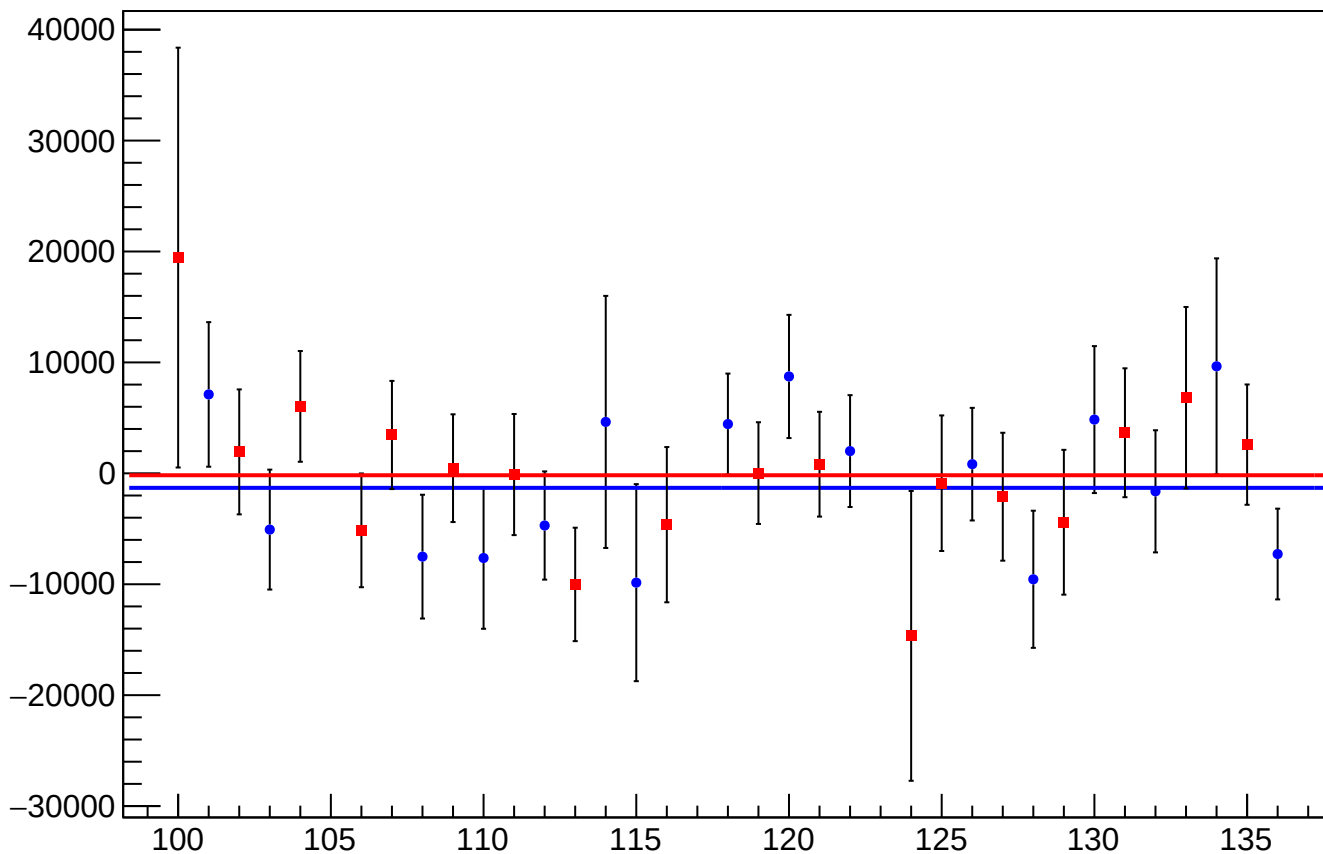
Right: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

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: -173.210+/-1353.051 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

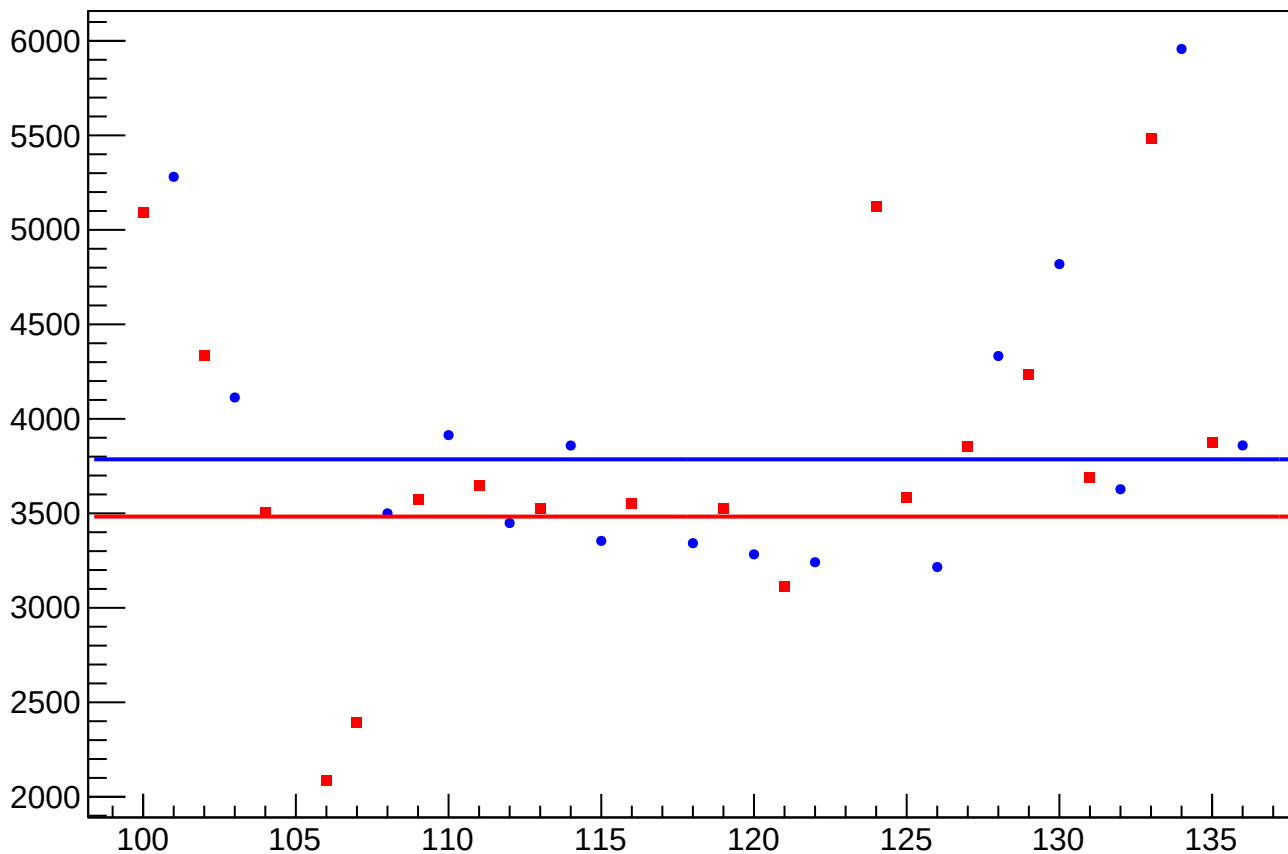
Right: -709.248+/-983.356 χ^2/NDF : 29.5/33

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -709.248+/-983.356 χ^2/NDF : 29.5/33

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: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

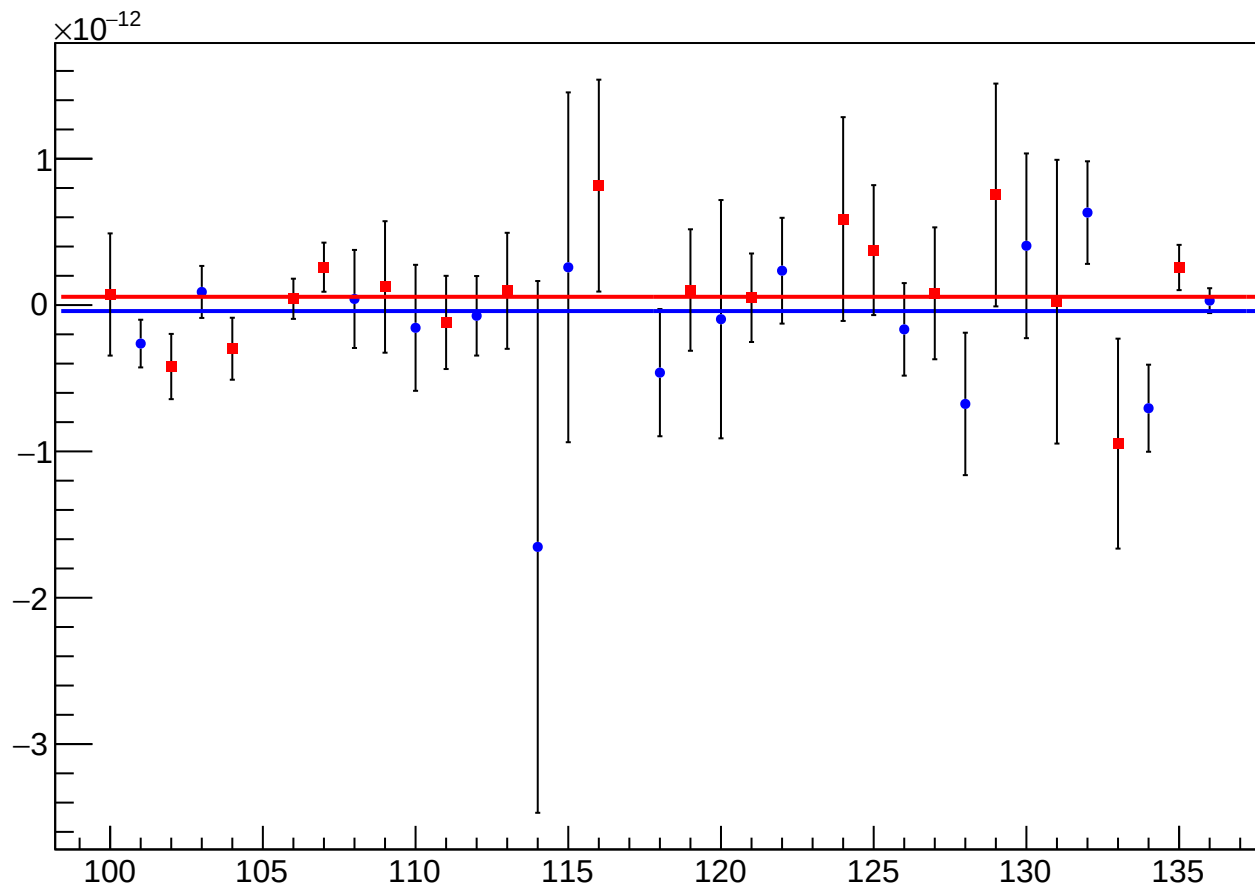
Right: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

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 : 15.9/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

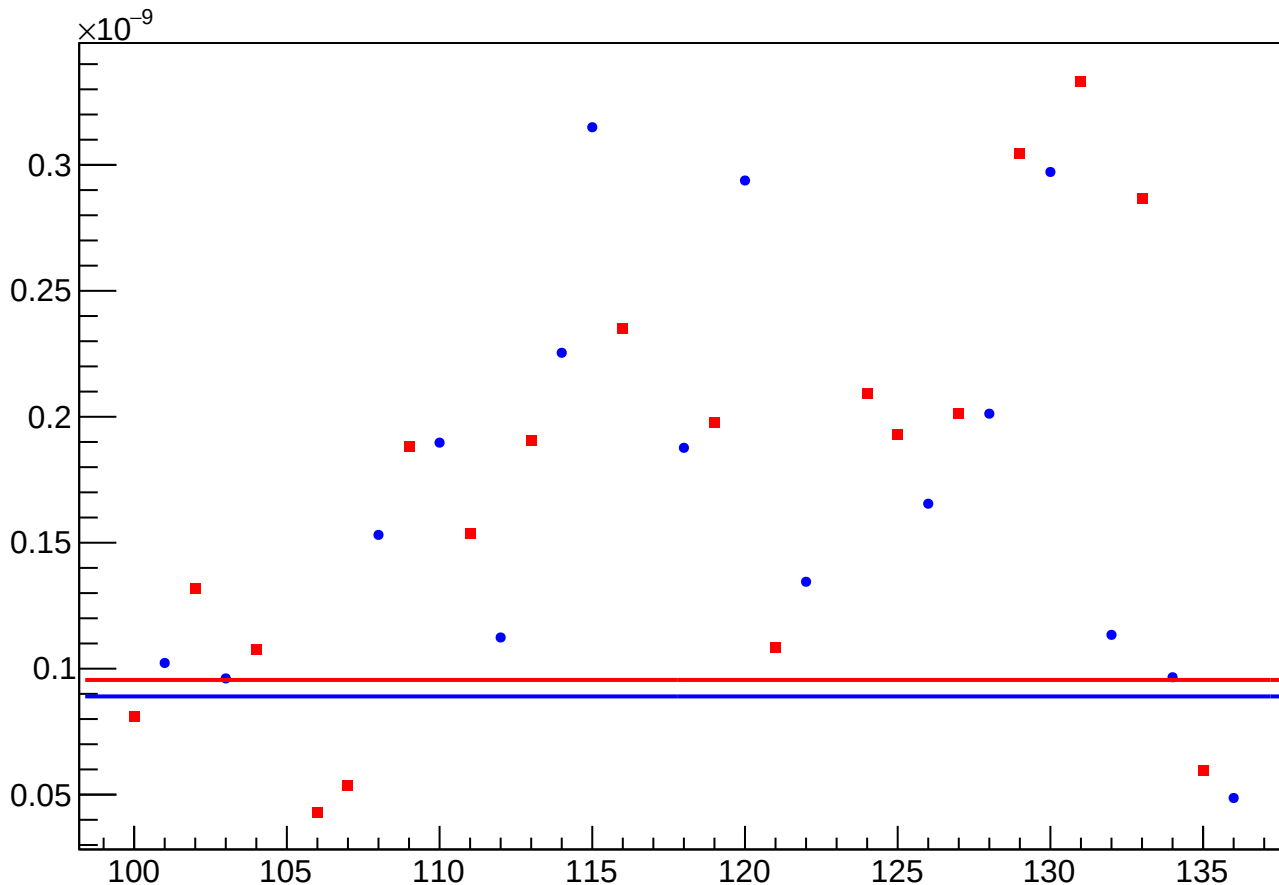
Right: 0.000+/-0.000 χ^2/NDF : 33.7/33

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 : 33.7/33

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 : 1728189.7/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

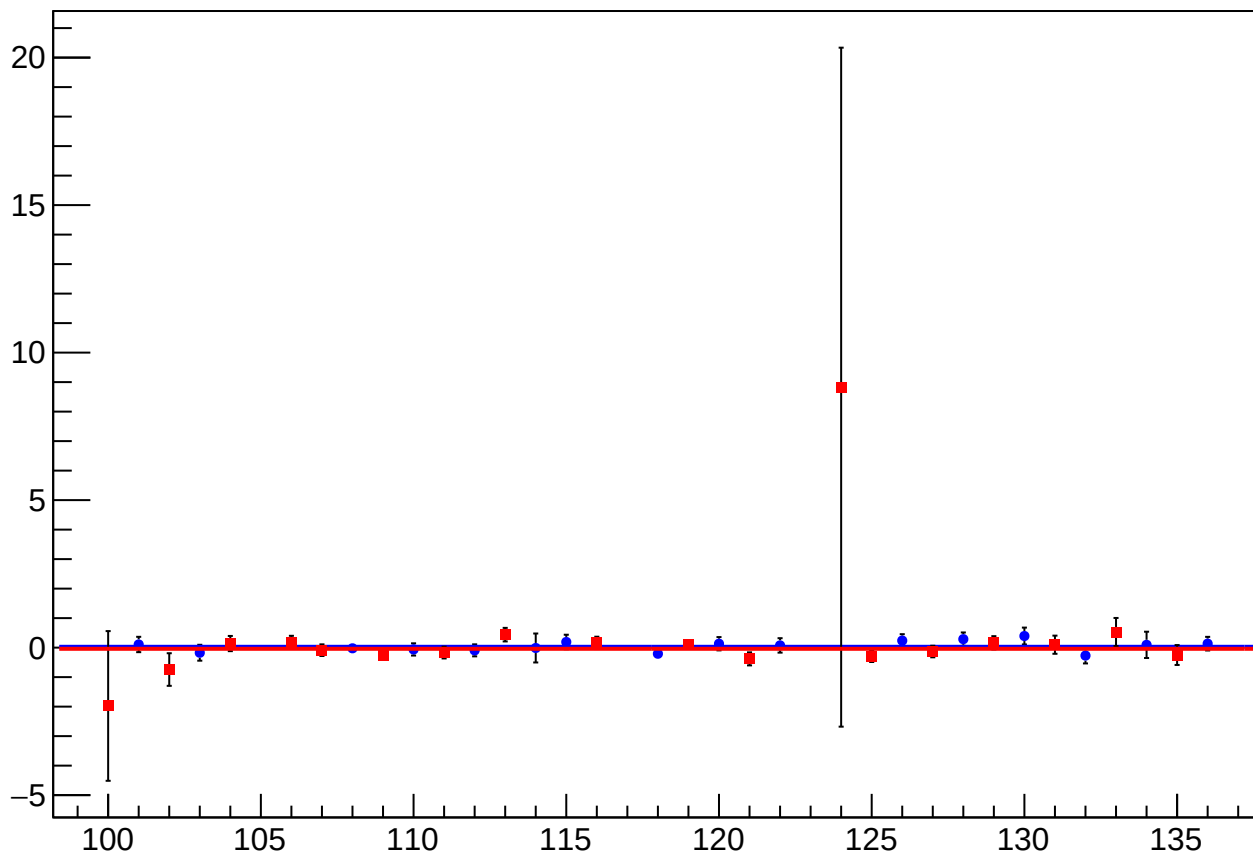
Right: 0.000+/-0.000 χ^2/NDF : 3199966.9/33

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 : 3199966.9/33

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: -0.040 $\pm$ 0.055 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

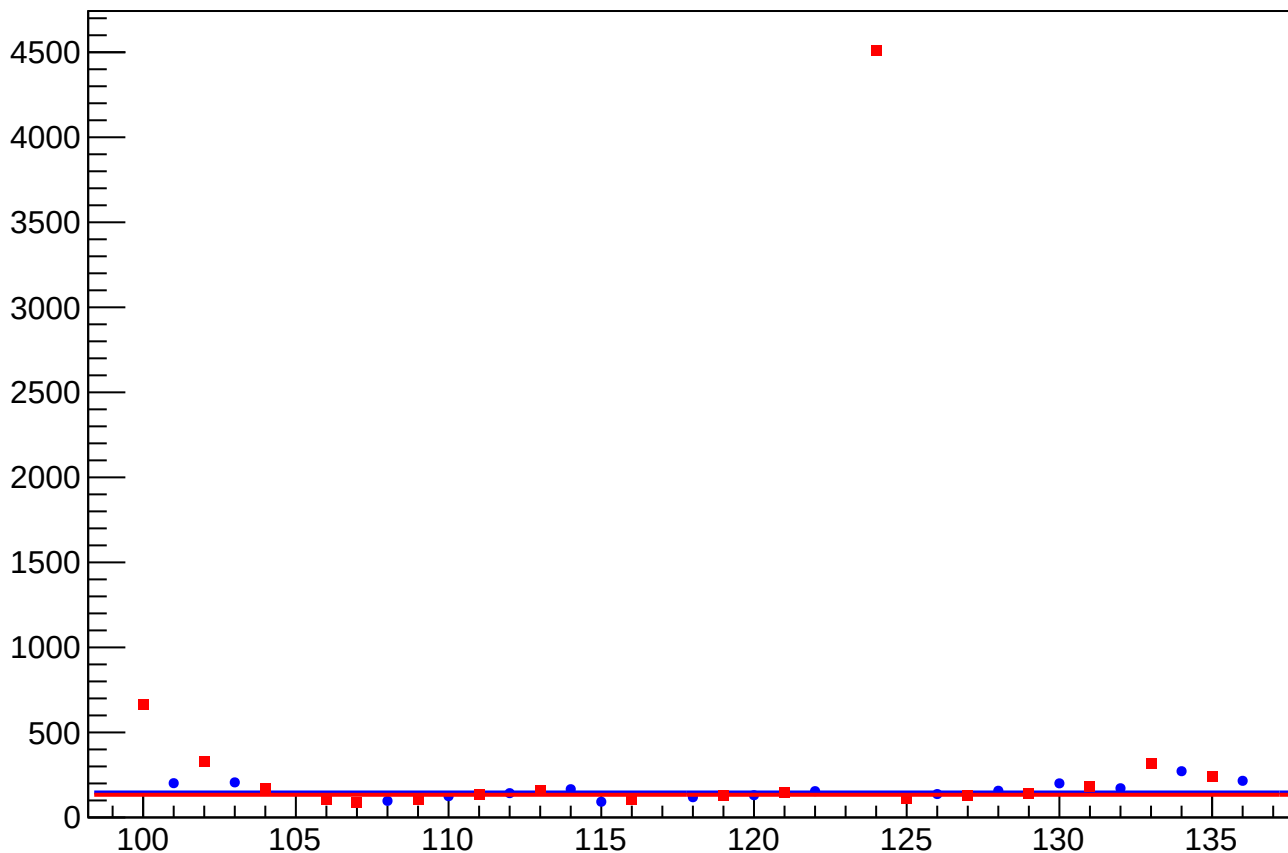
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

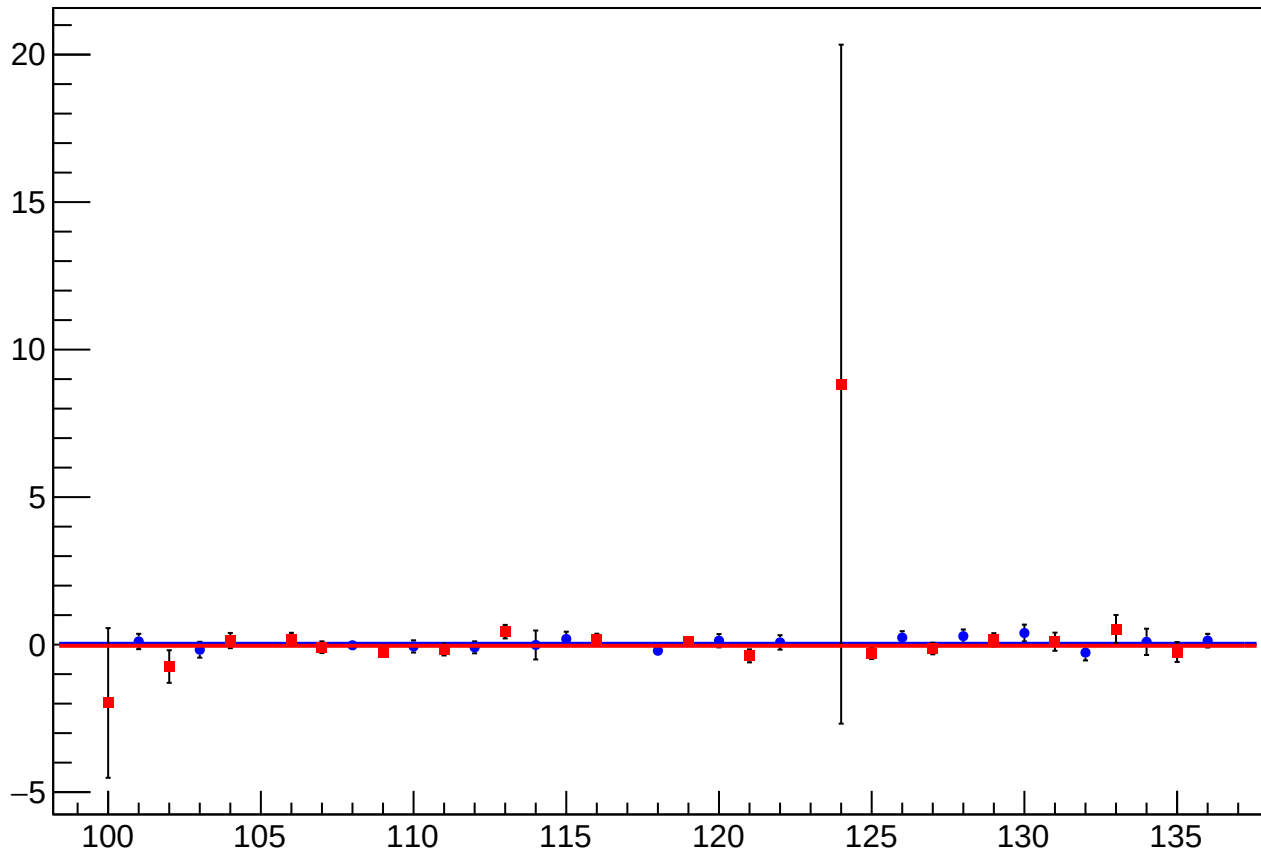
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

asym_at1_avg_at2_avg_dd_dit_vs_eigen_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: -0.040+/-0.055 χ^2/NDF : 20.0/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

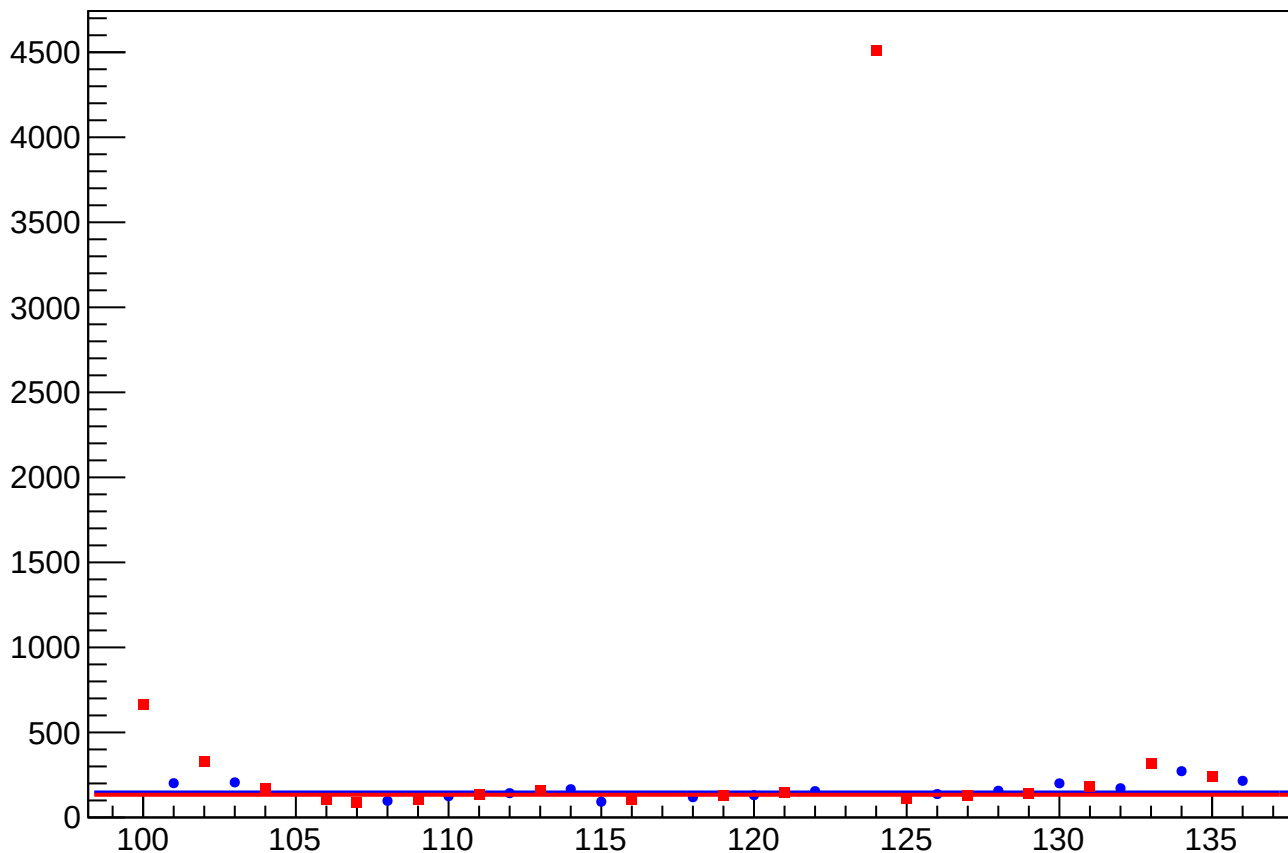
Right: -0.008+/-0.040 χ^2/NDF : 30.2/33

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.040 χ^2/NDF : 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

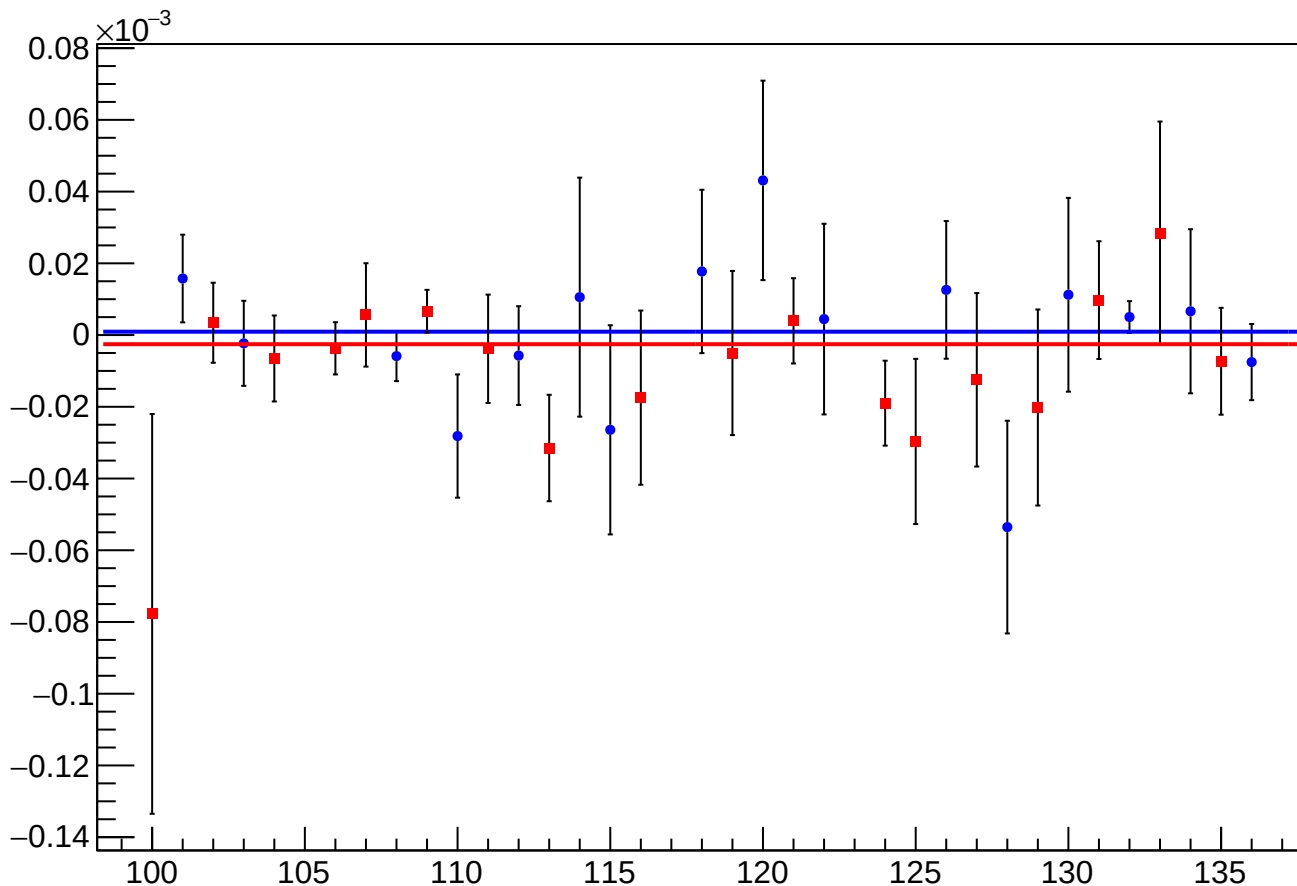
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

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 : 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

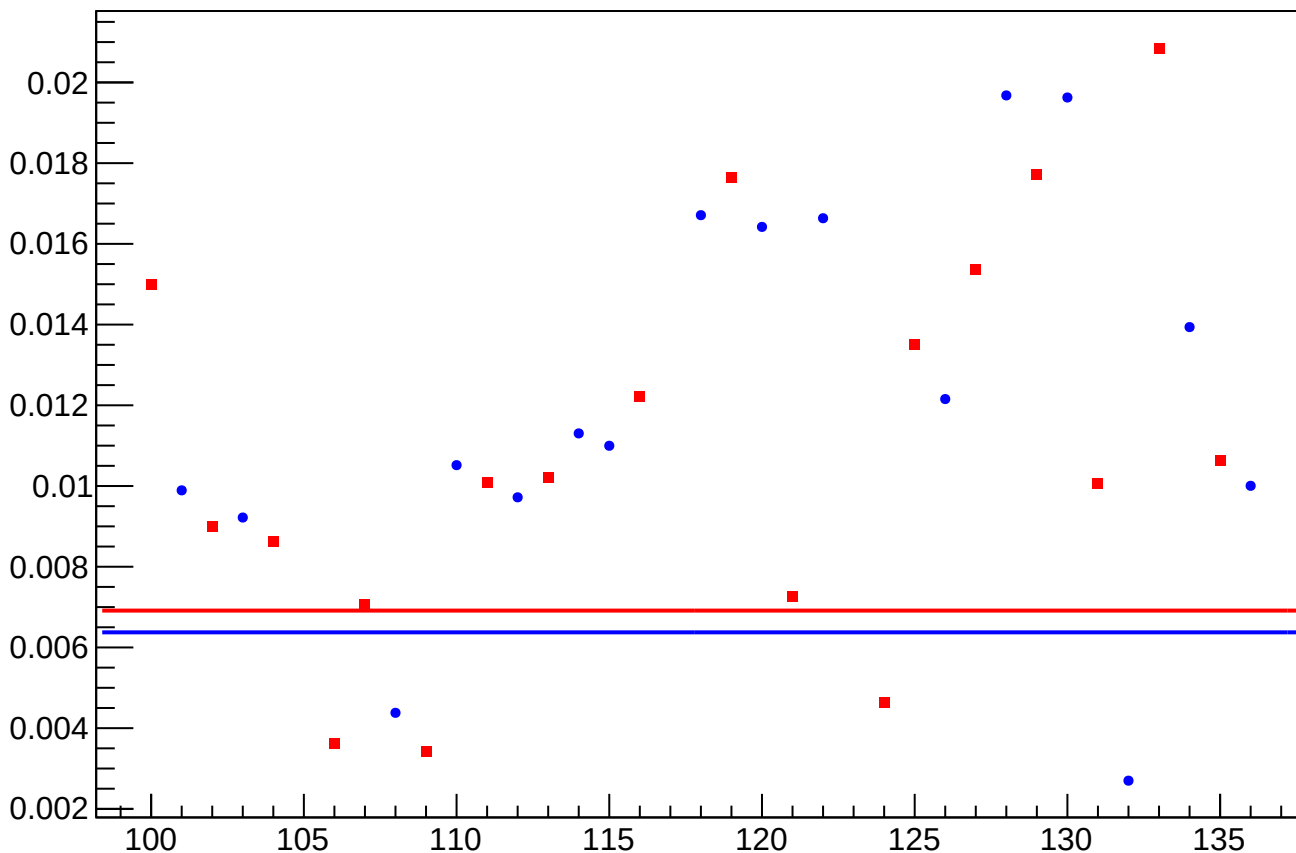
Right: -0.000+/-0.000 χ^2/NDF : 30.6/33

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 : 30.6/33

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 : 3367113.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

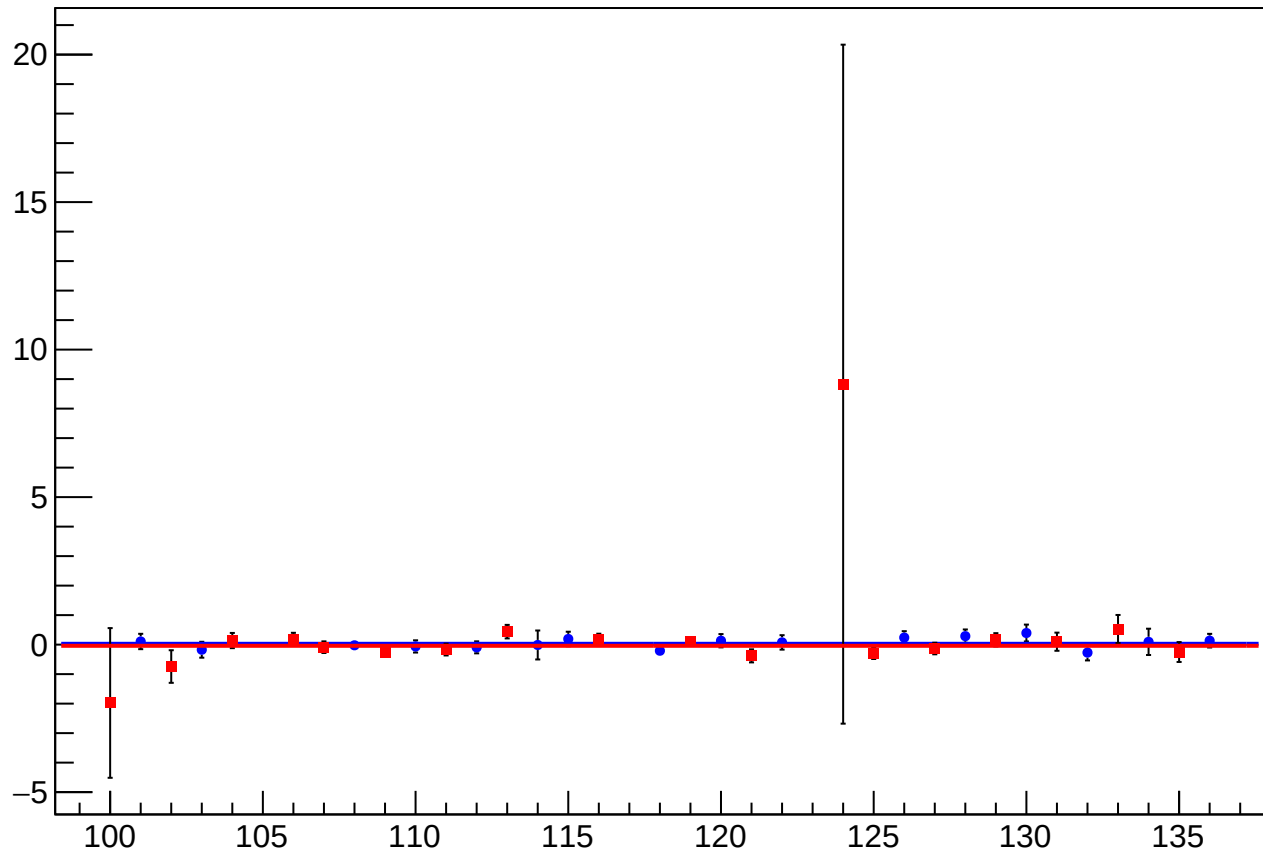
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

asym_at1_avg_at2_avg_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: -0.040 $\pm$ 0.055 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

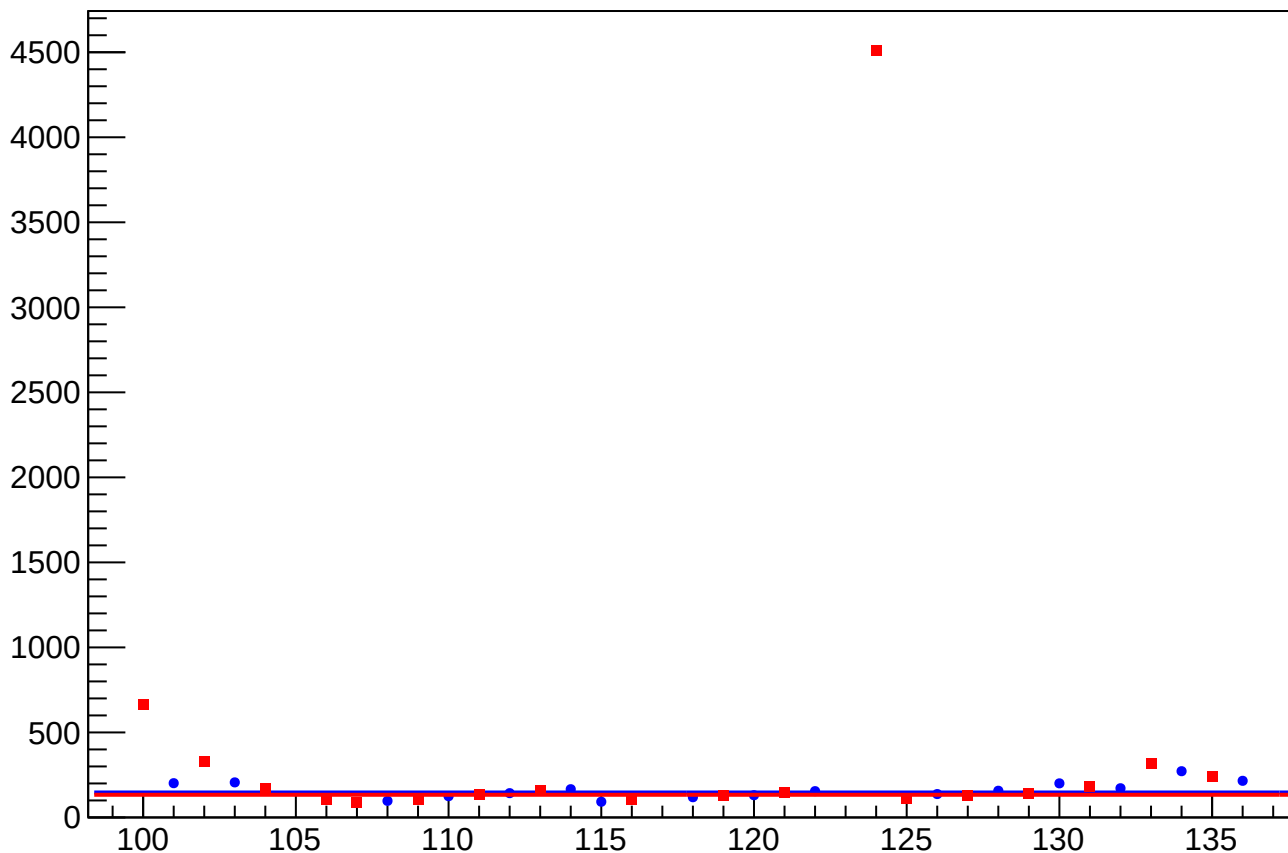
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

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

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

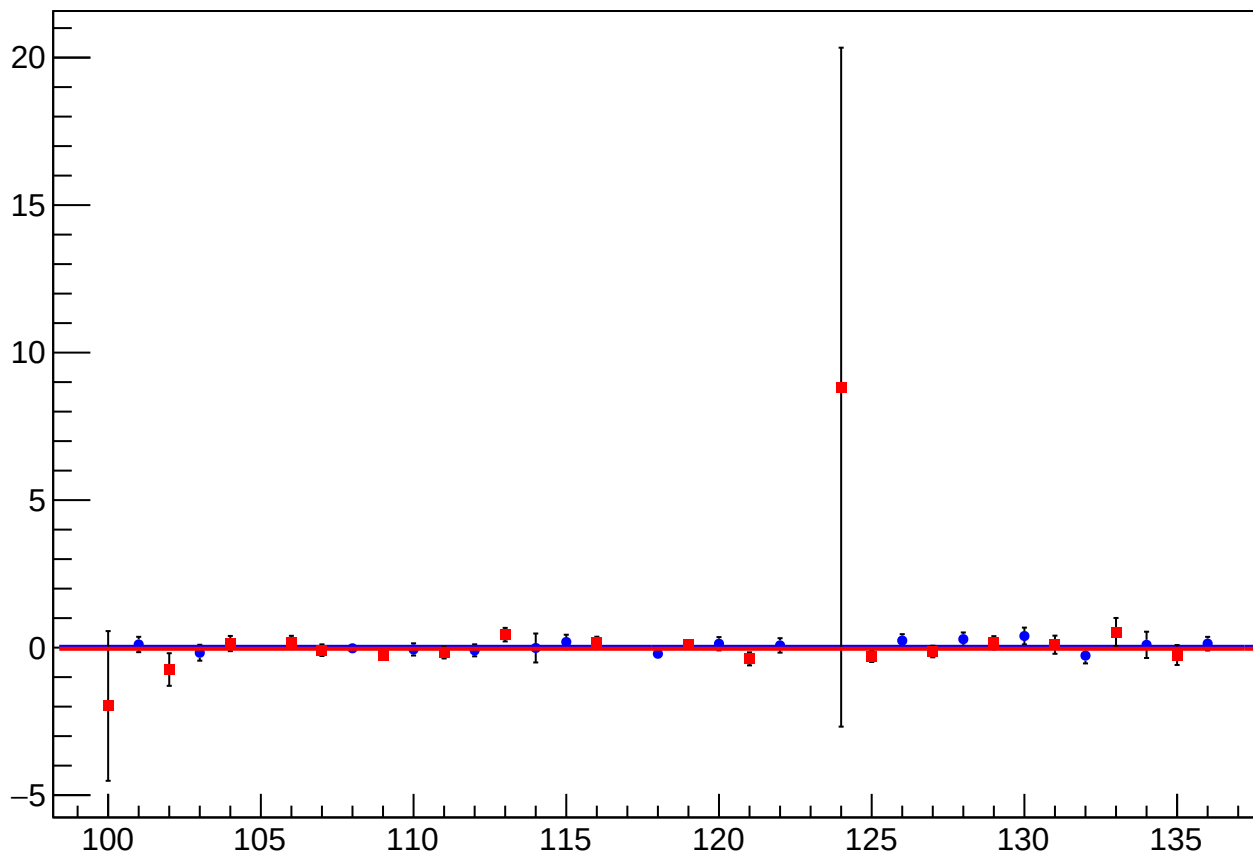
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_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: -0.040+/-0.055 χ^2/NDF : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

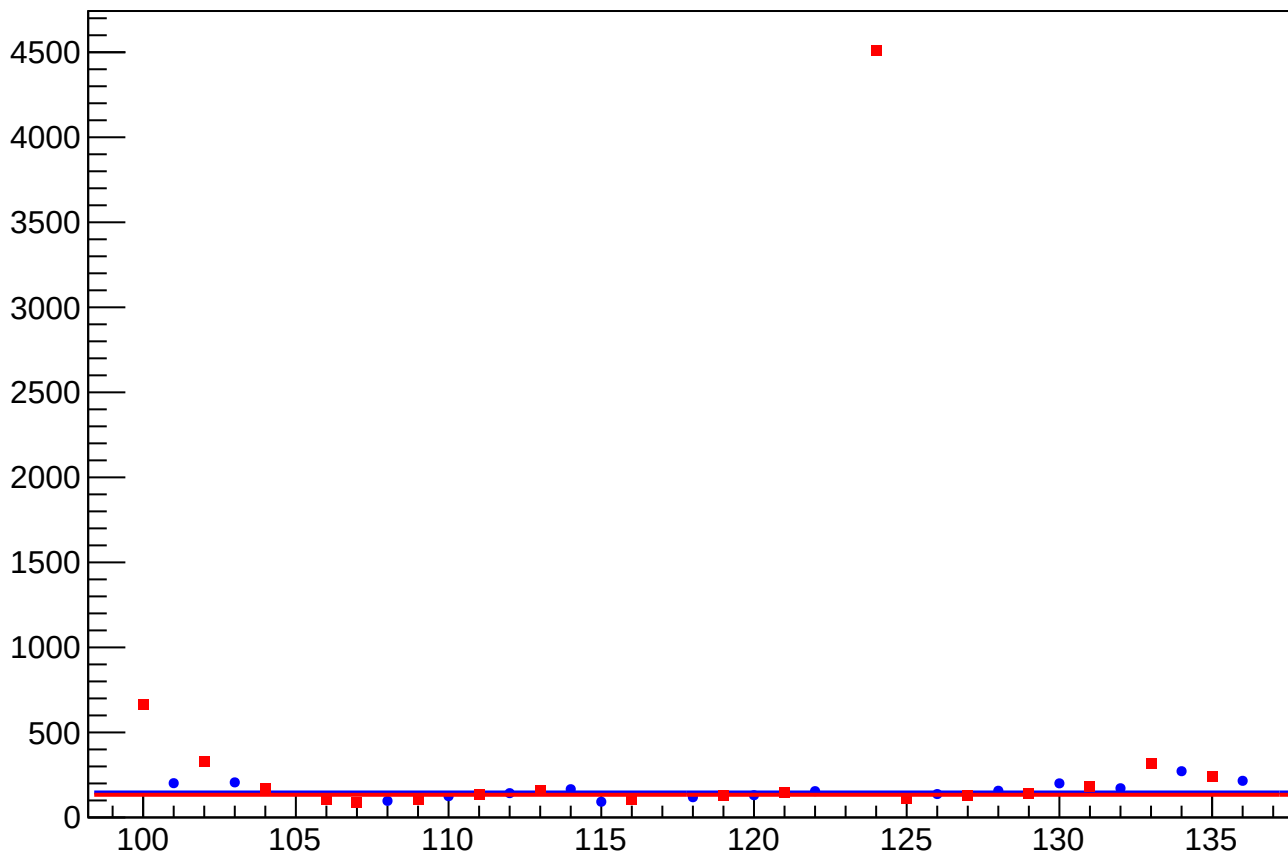
Right: -0.008+/-0.040 χ^2/NDF : 30.2/33

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.040 χ^2/NDF : 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

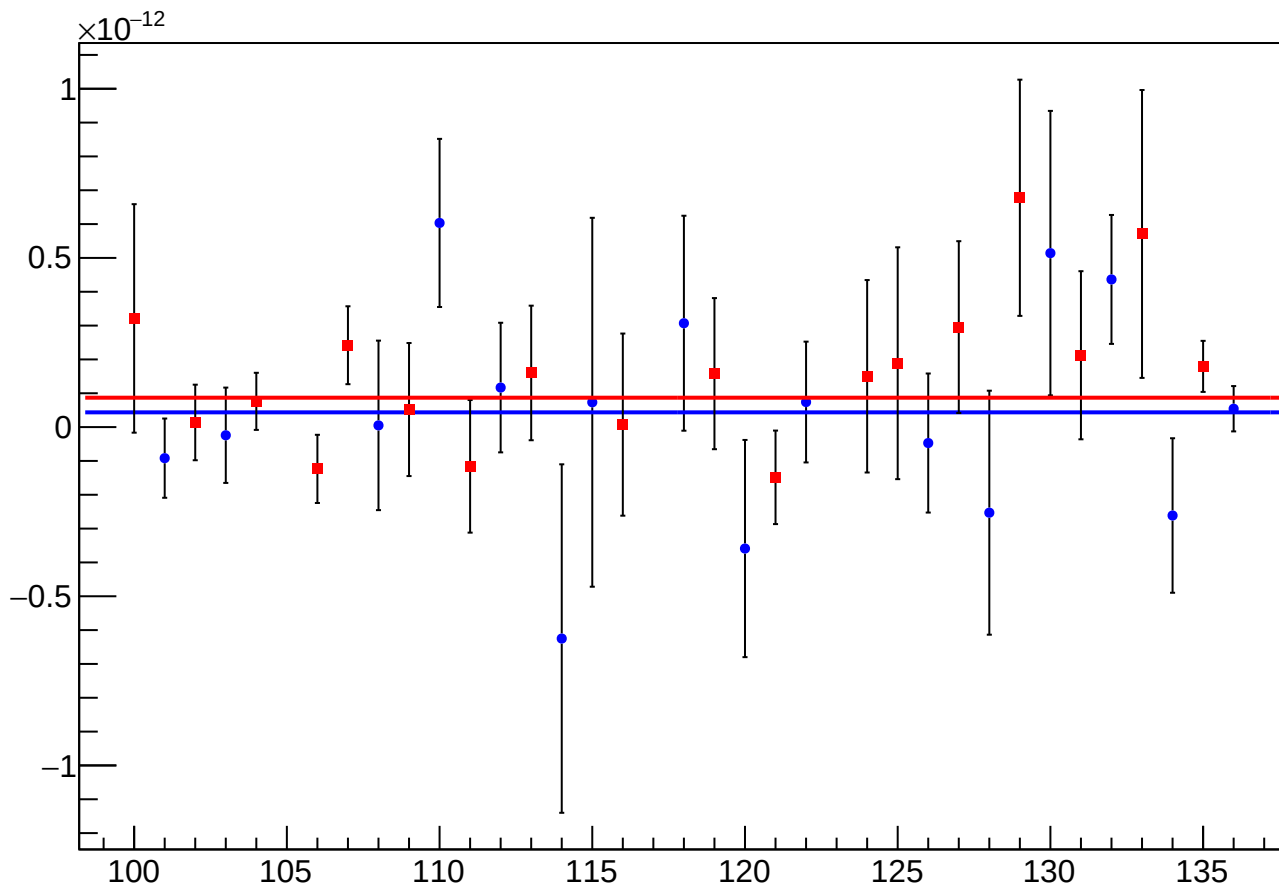
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

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 : 18.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

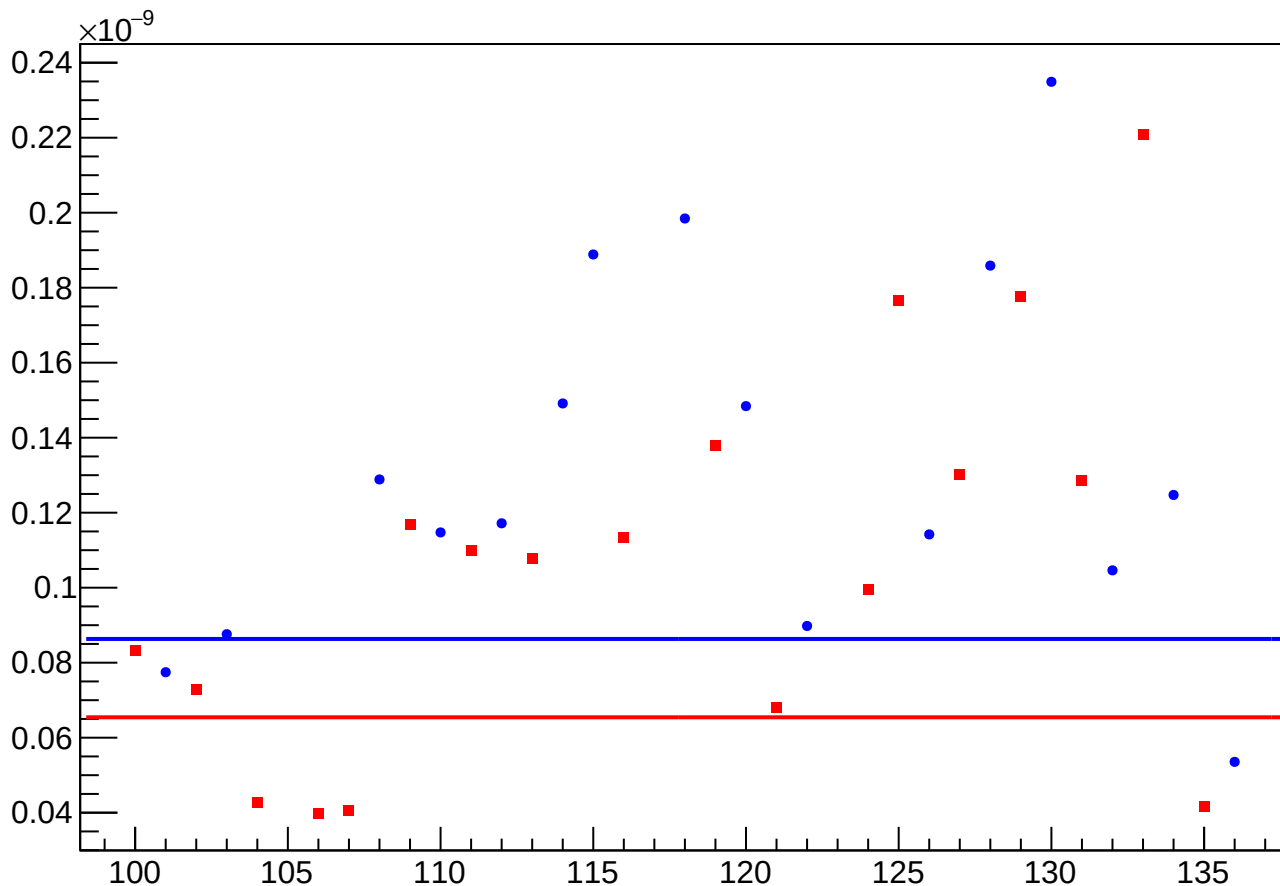
Right: 0.000+/-0.000 χ^2/NDF : 37.8/33

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 : 37.8/33

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 : 2154296.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

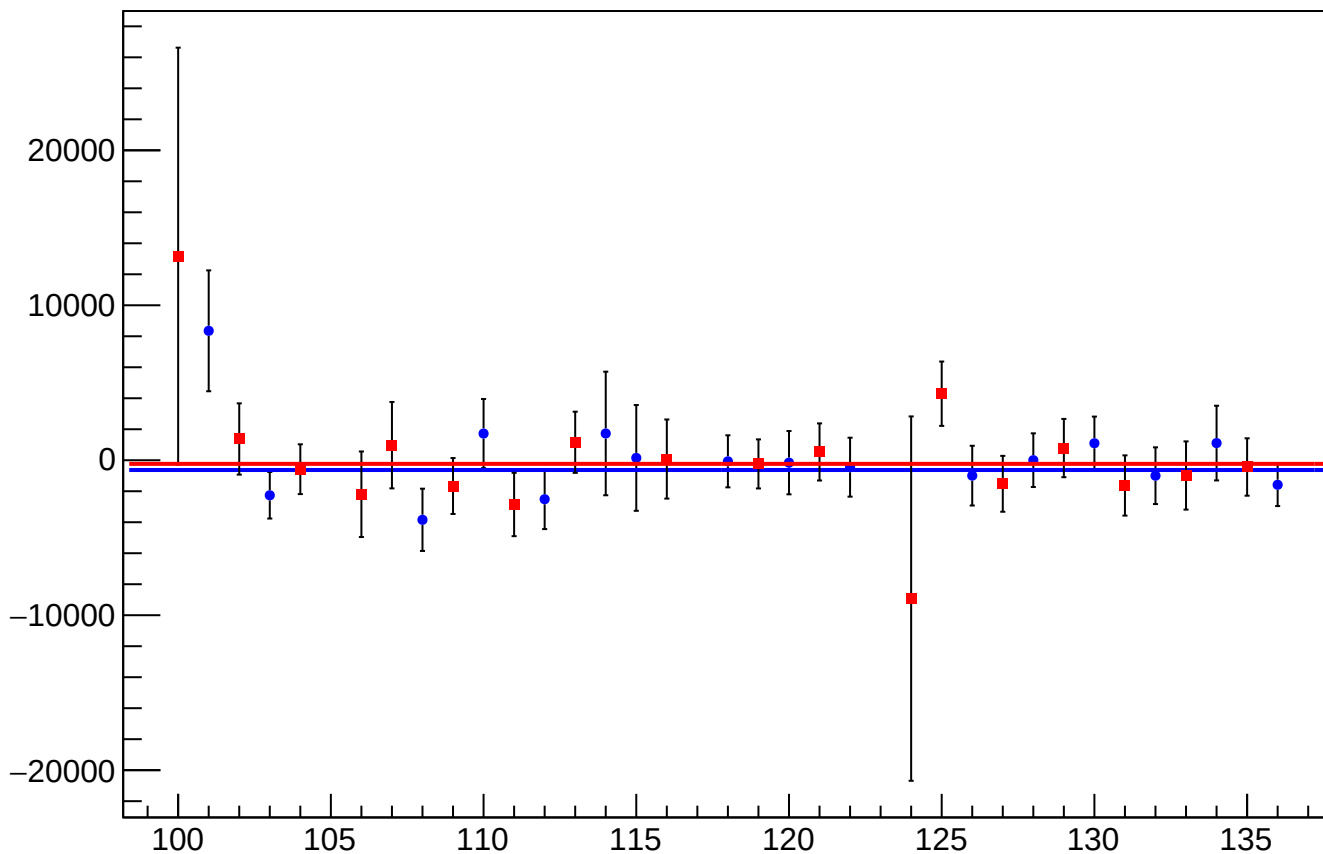
Right: 0.000+/-0.000 χ^2/NDF : 4004985.0/33

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 : 4004985.0/33

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug, Sign Corrected



Right In: -631.041 $\pm$ 488.663 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -232.990 $\pm$ 494.825 χ^2 /NDF: 11.9/17

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

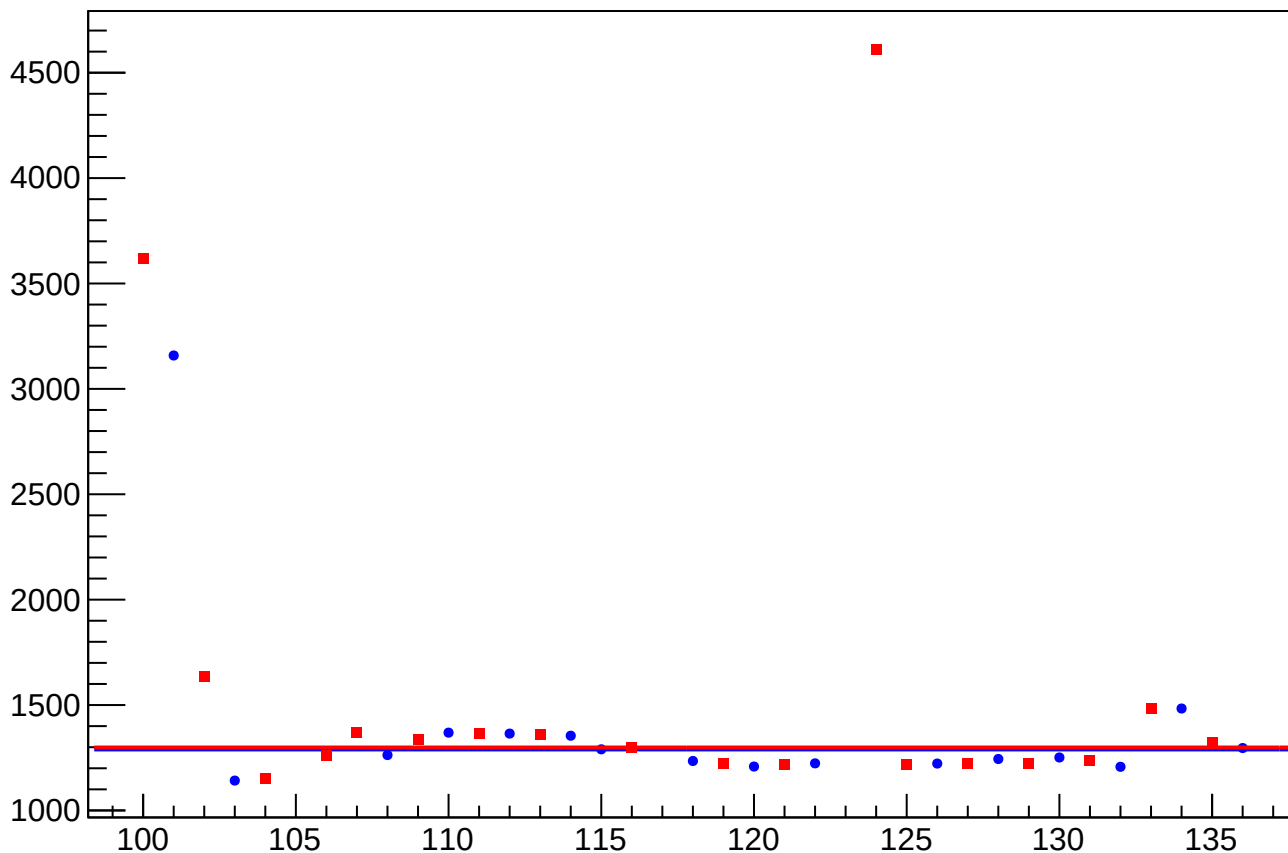
Right: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

In: -631.041 $\pm$ 488.663 χ^2 /NDF:13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -434.510 $\pm$ 347.695 χ^2 /NDF: 26.2/33

reg_asym_atl1r2_dd_atl2r1_dd_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: 1298.504 $\pm$ 0.349 χ^2 /NDF: 319368.2/17

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

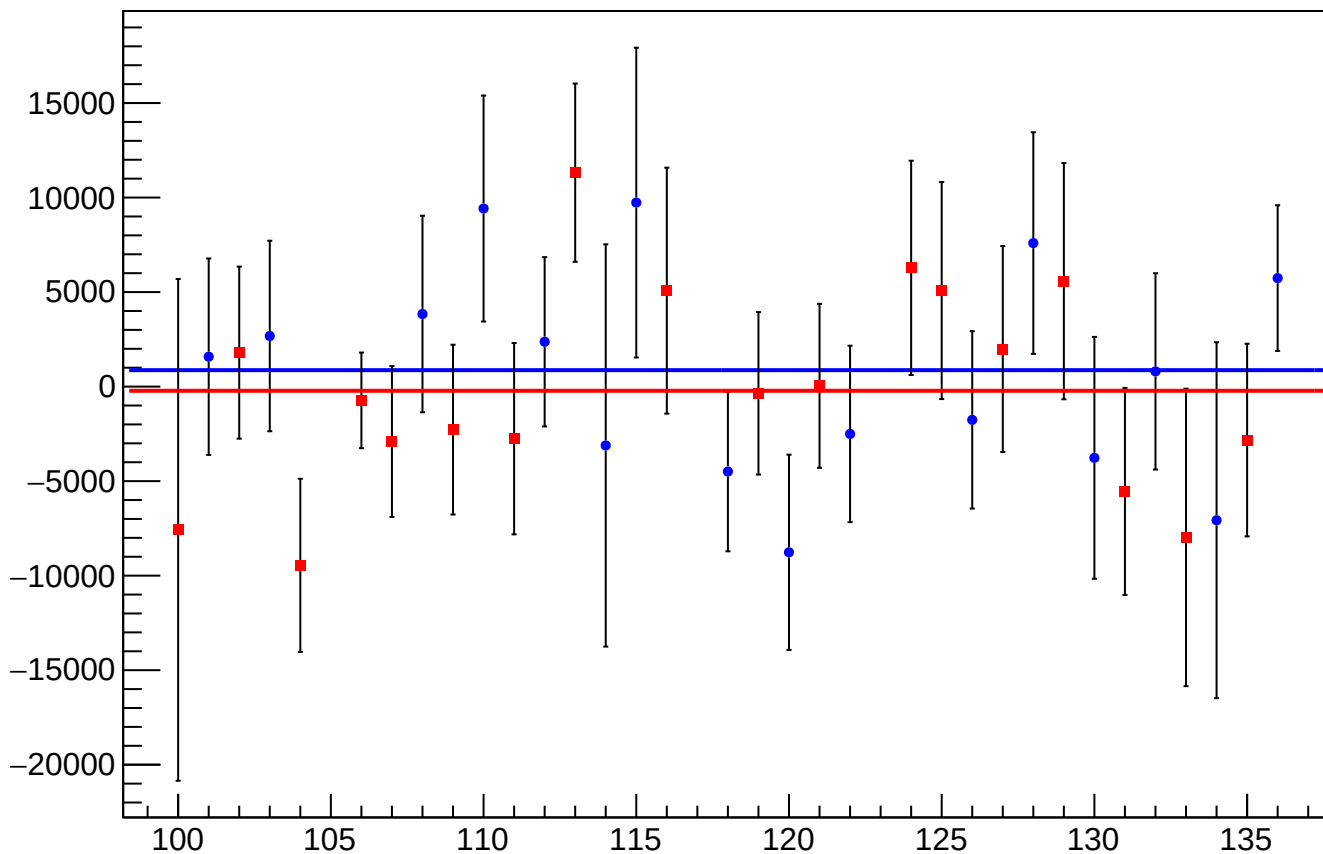
Right: 1293.941 $\pm$ 0.246 χ^2 /NDF: 834381.9/33

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: 1293.941 $\pm$ 0.246 χ^2 /NDF: 834381.9/33

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 870.295+/-1325.278 χ^2/NDF : 14.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.753+/-1122.104 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

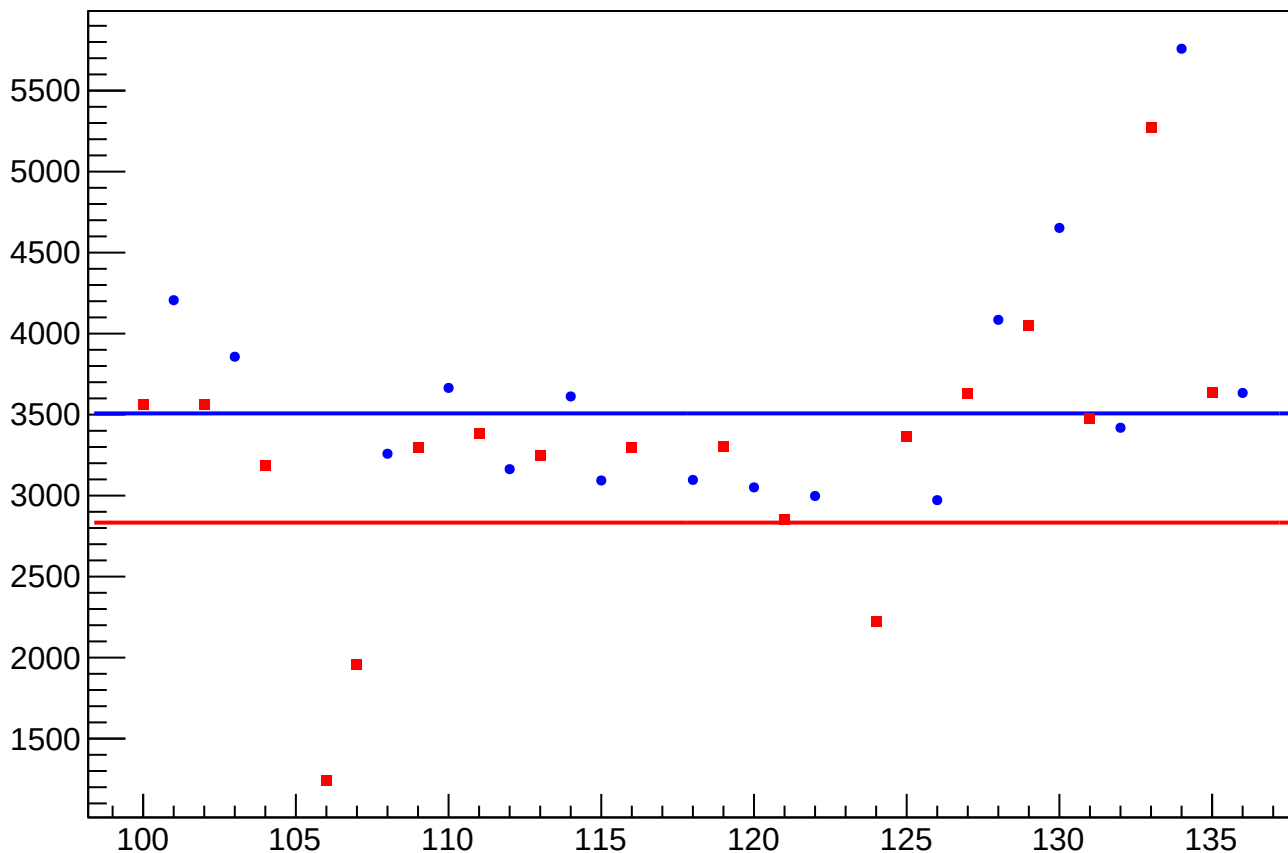
Right: 235.397+/-856.371 χ^2/NDF : 32.0/33

In: 870.295+/-1325.278 χ^2/NDF : 14.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.397+/-856.371 χ^2/NDF : 32.0/33

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: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

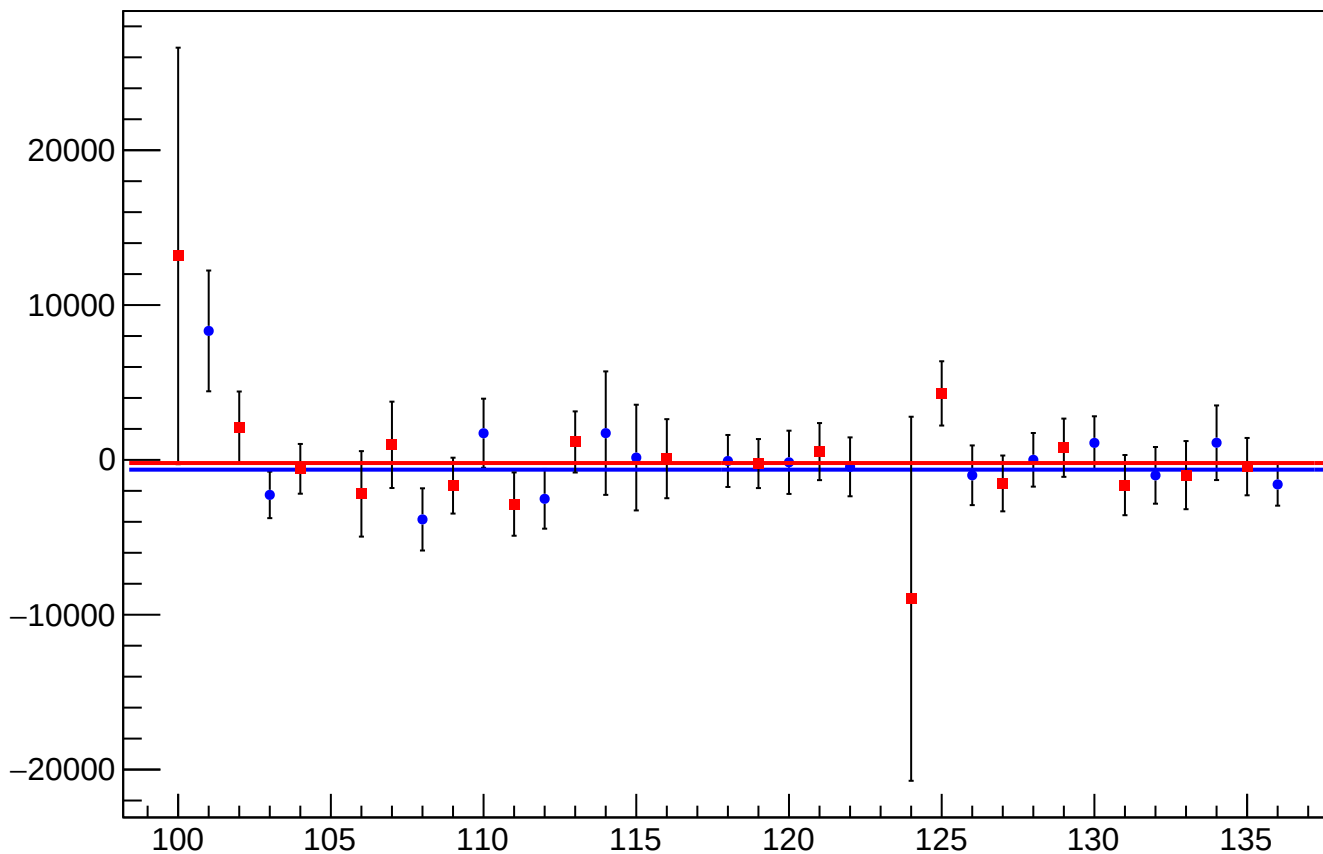
Right: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

In: 3507.397+/-0.937 χ^2/NDF : 353979.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3114.796+/-0.606 χ^2/NDF : 2137651.3/33

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: -203.326+/-495.163 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

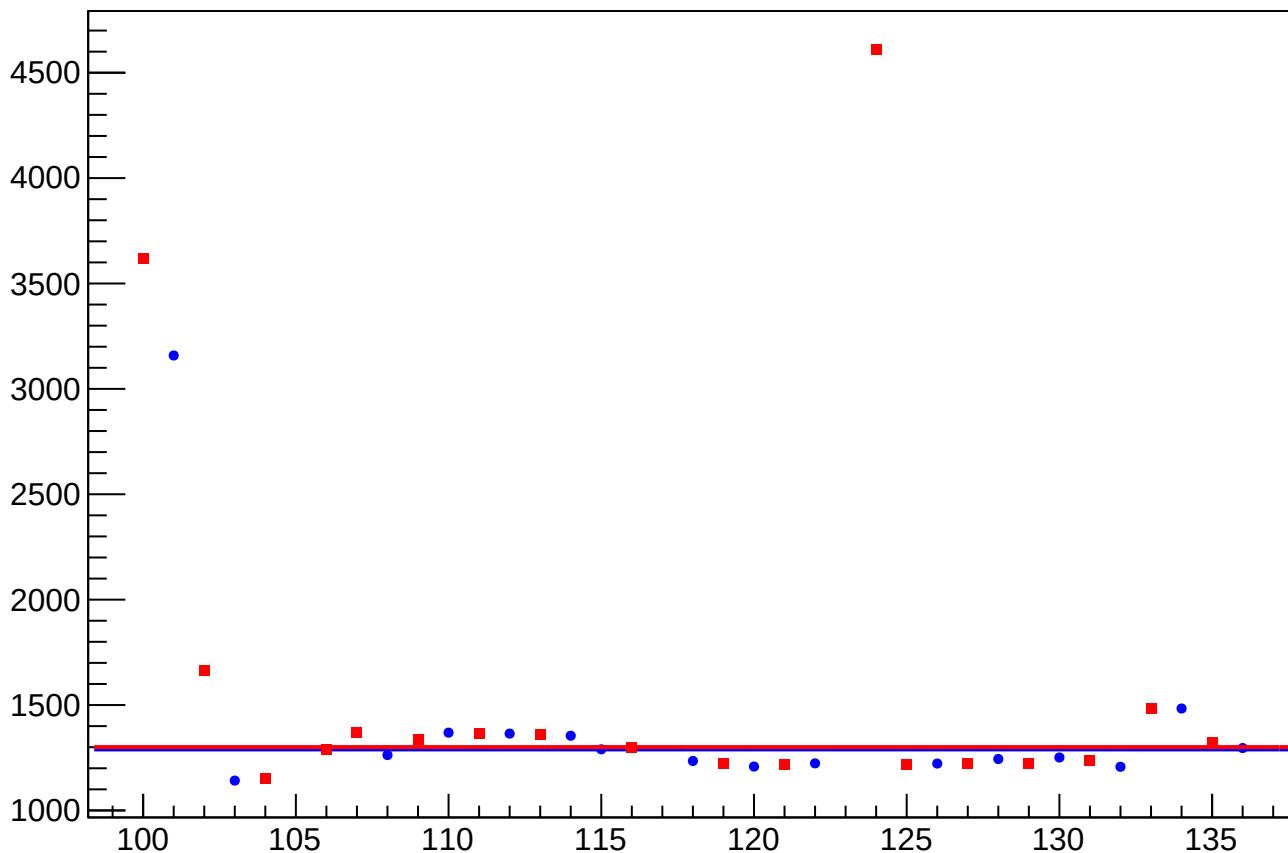
Right: -420.205+/-347.812 χ^2/NDF : 26.7/33

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.205+/-347.812 χ^2/NDF : 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

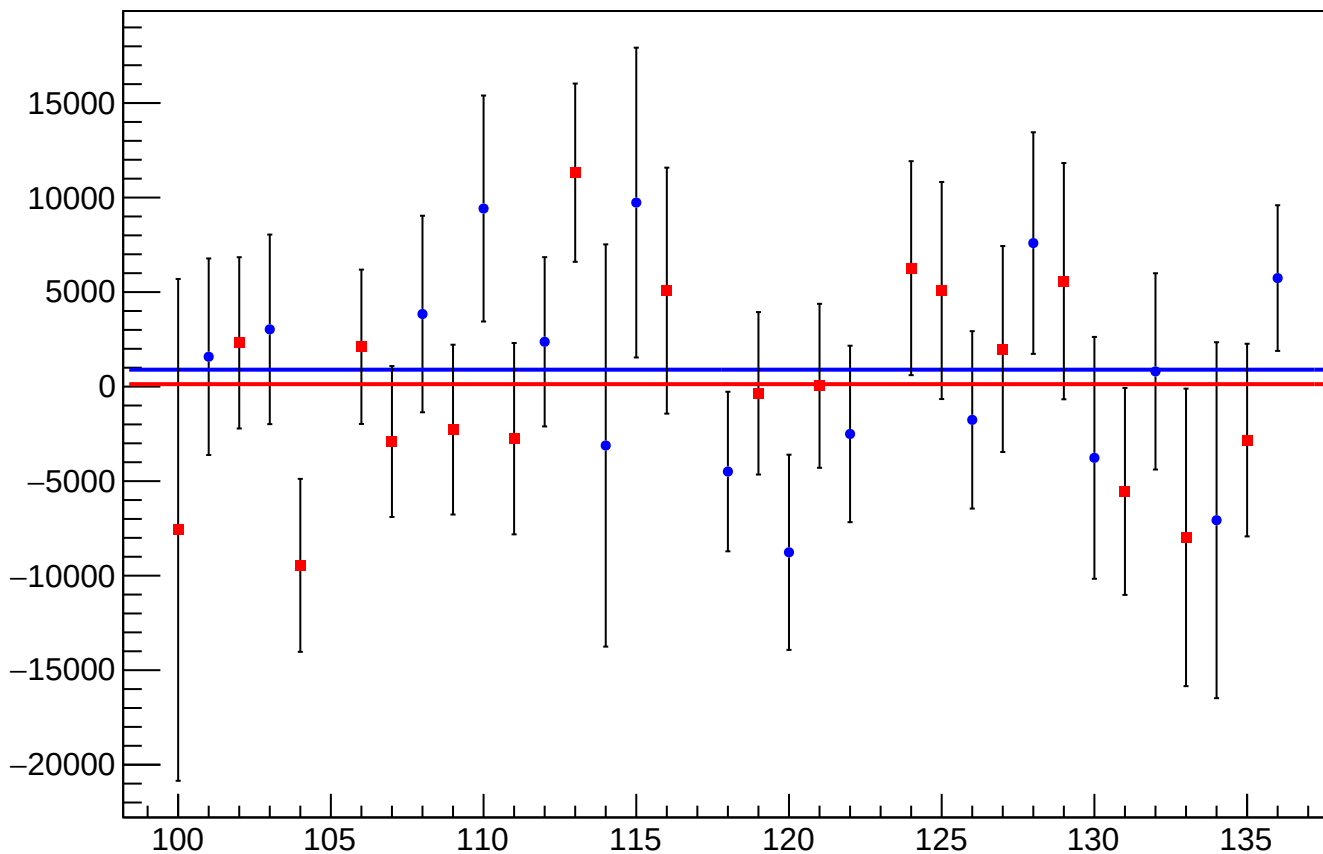
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

asym_atl1r2_dd_atl2r1_dd_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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

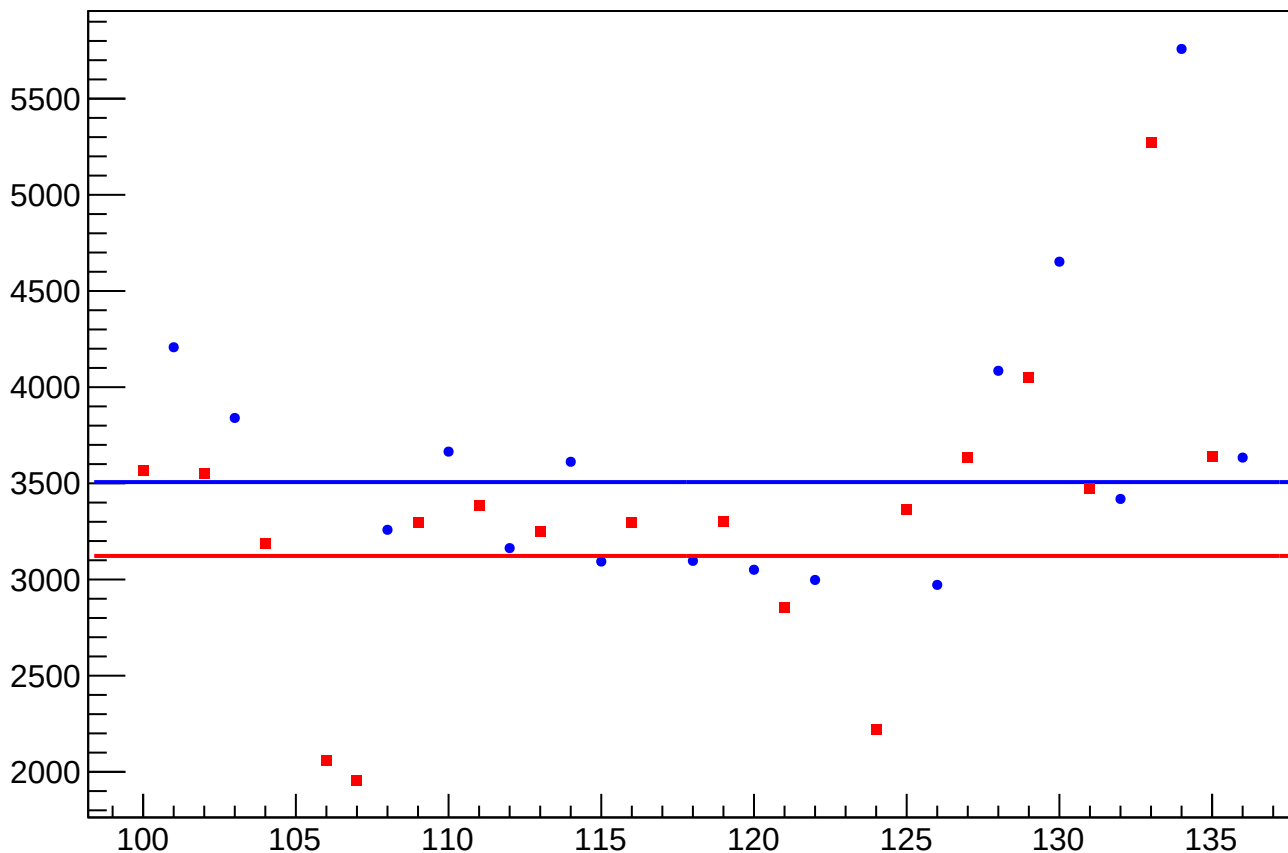
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

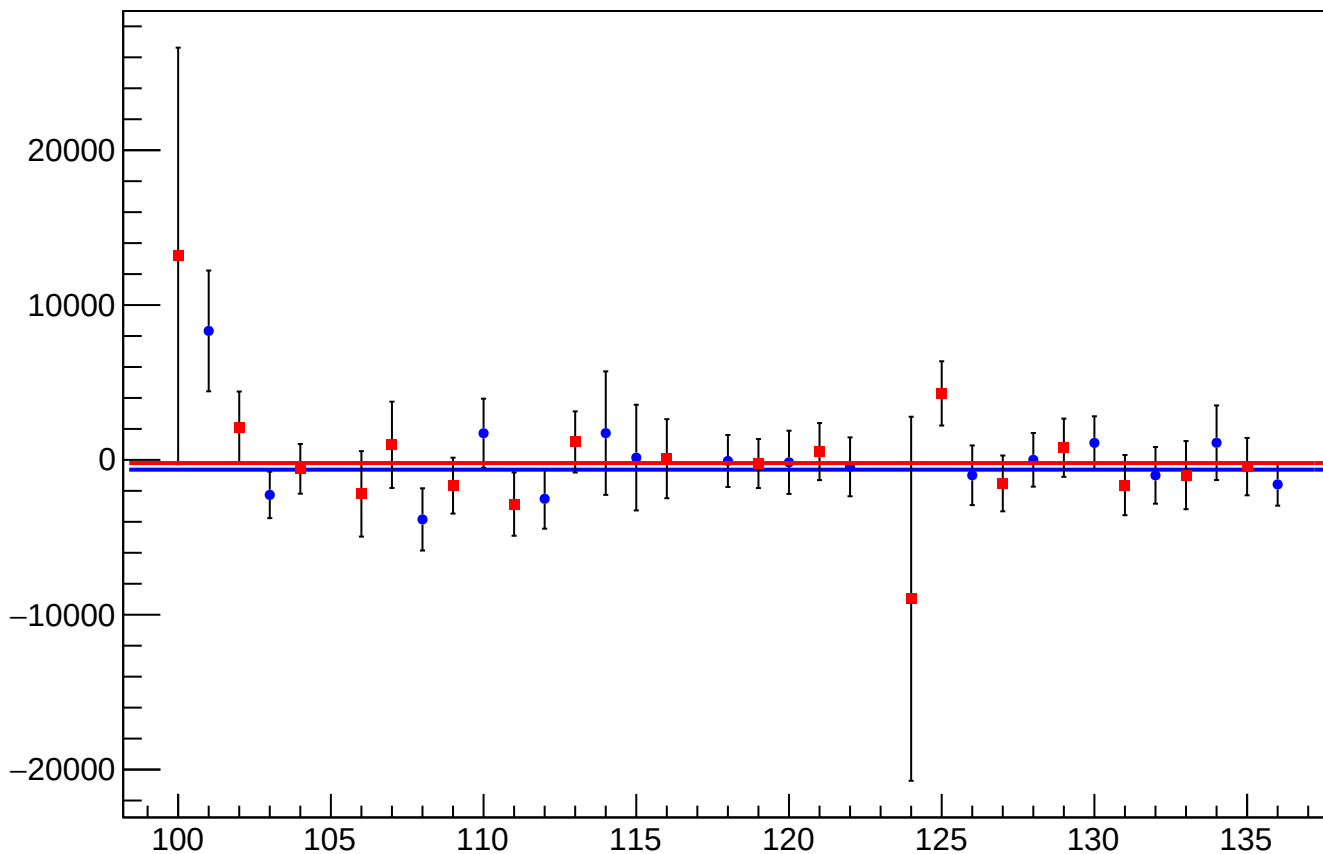
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -203.326+/-495.163 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

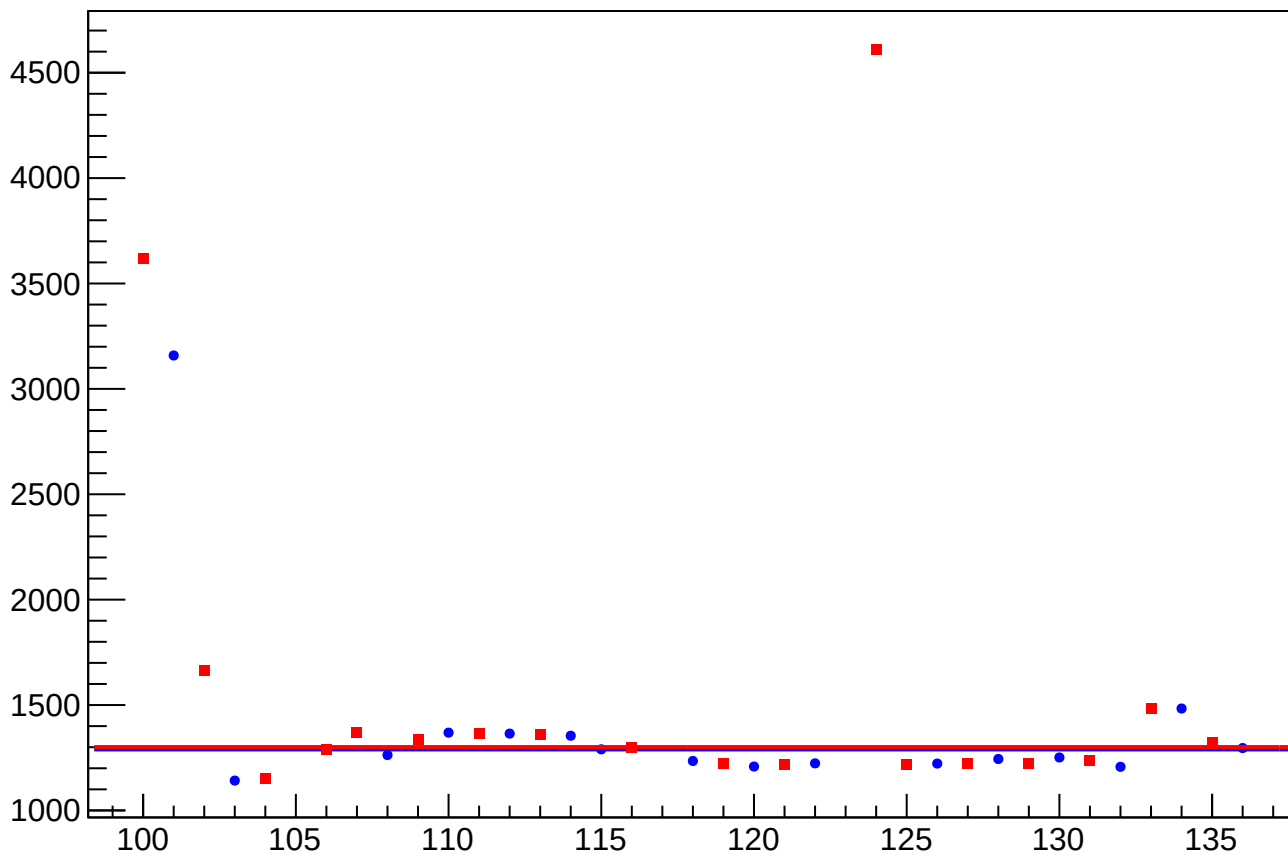
Right: -420.205+/-347.812 χ^2/NDF : 26.7/33

In: -631.427+/-488.663 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -420.205+/-347.812 χ^2/NDF : 26.7/33

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: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

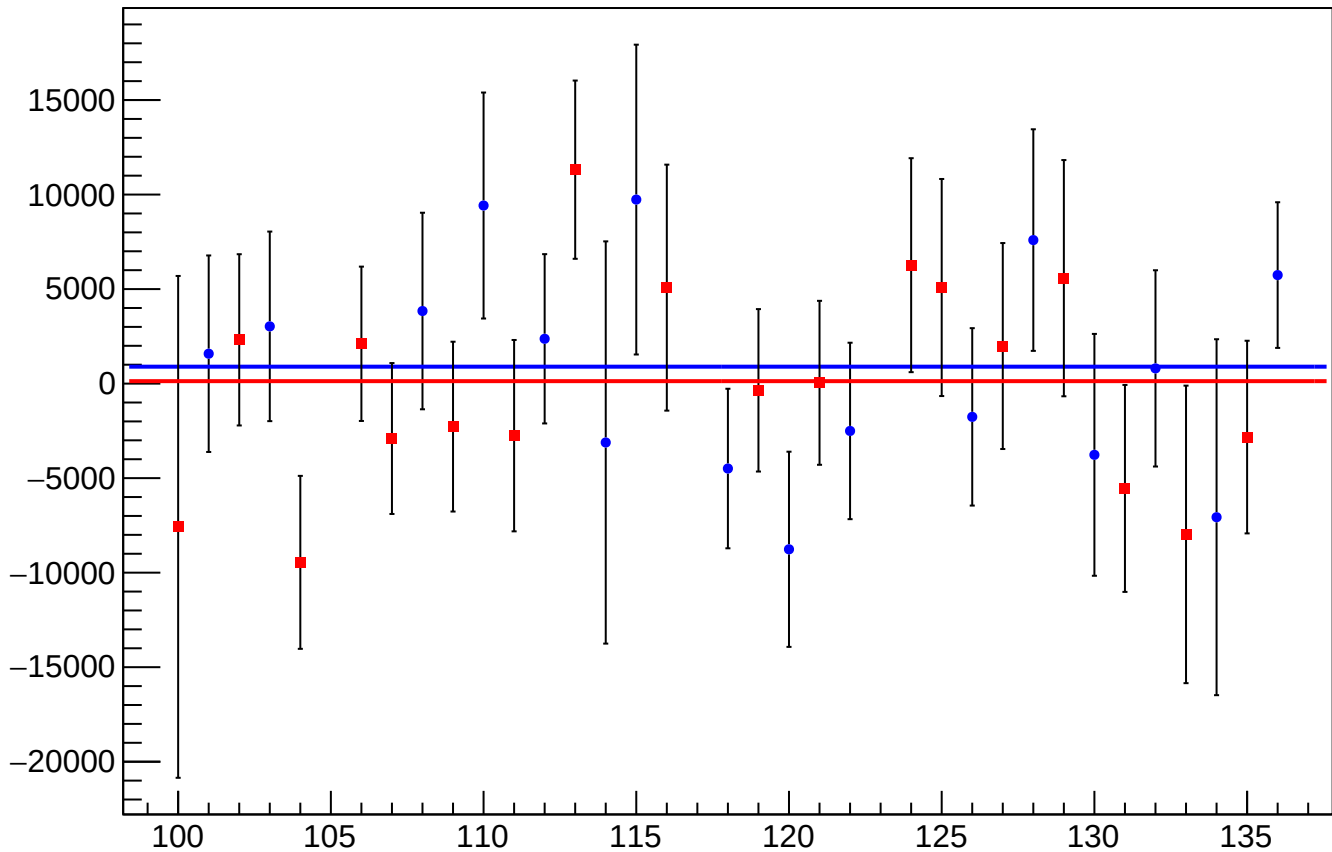
Right: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

In: 1289.466+/-0.346 χ^2/NDF : 514676.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.966+/-0.246 χ^2/NDF : 841094.1/33

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: 130.214 $\pm$ 1196.517 χ^2 /NDF: 17.9/17

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

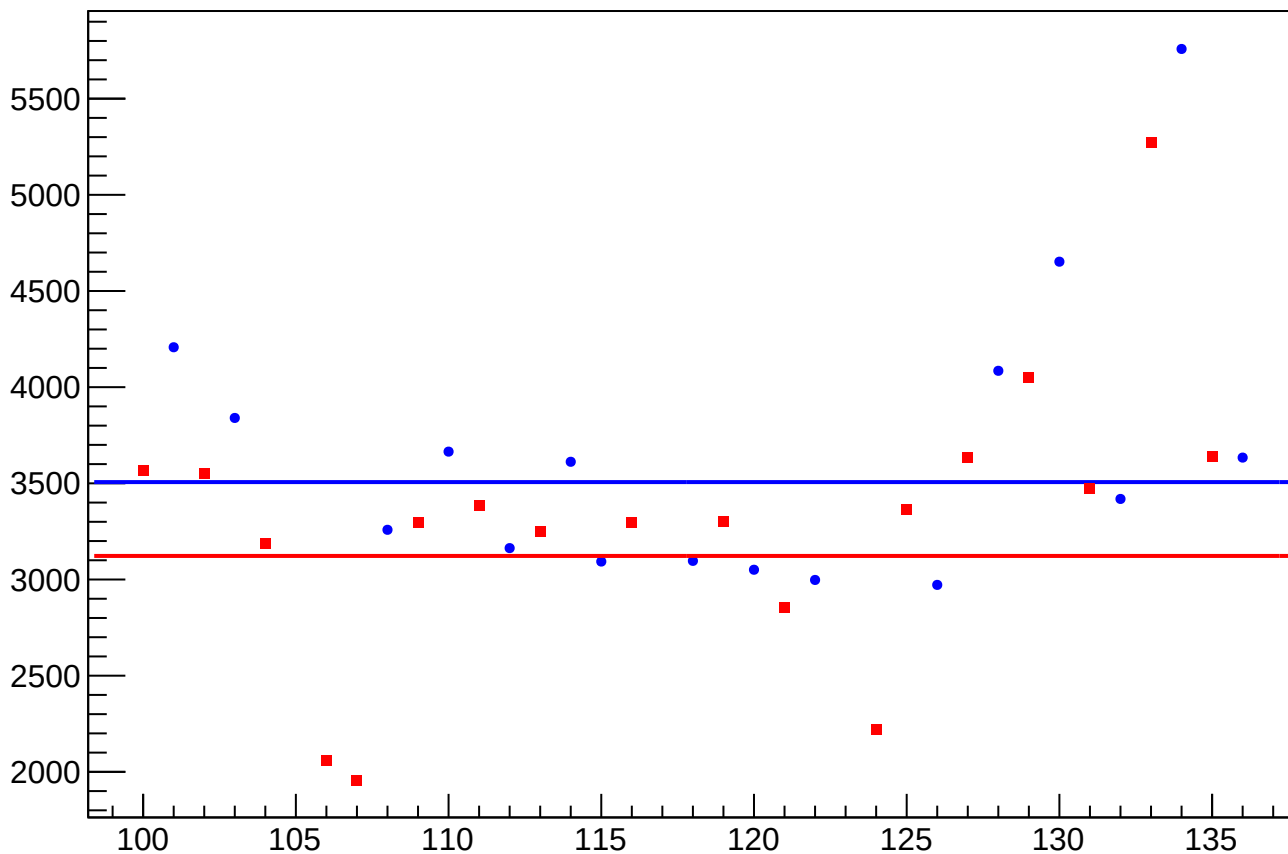
Right: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 474.246 $\pm$ 887.971 χ^2 /NDF: 32.1/33

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: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

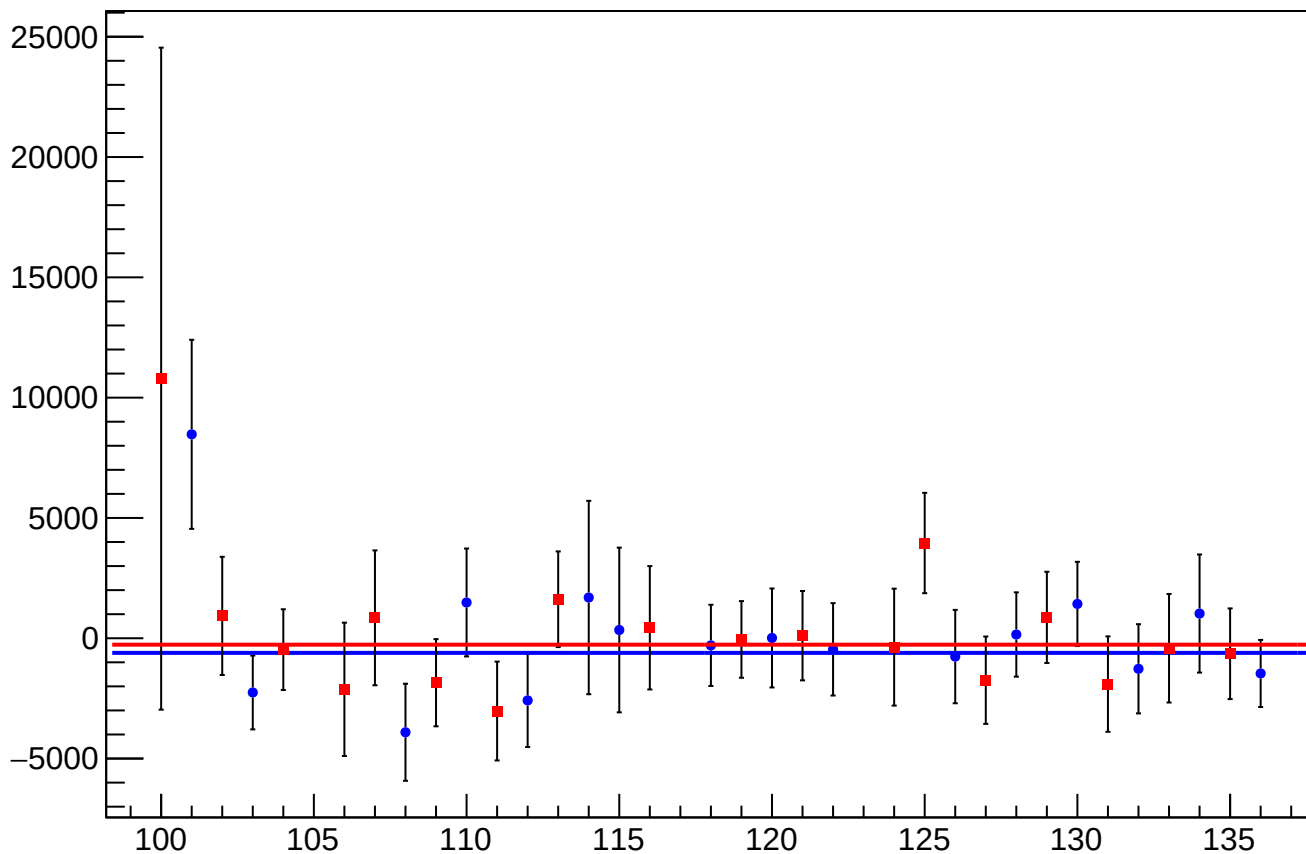
Right: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

In: 3506.484+/-0.937 χ^2/NDF : 353237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3295.043+/-0.628 χ^2/NDF : 1089033.2/33

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: -267.829+/-492.176 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

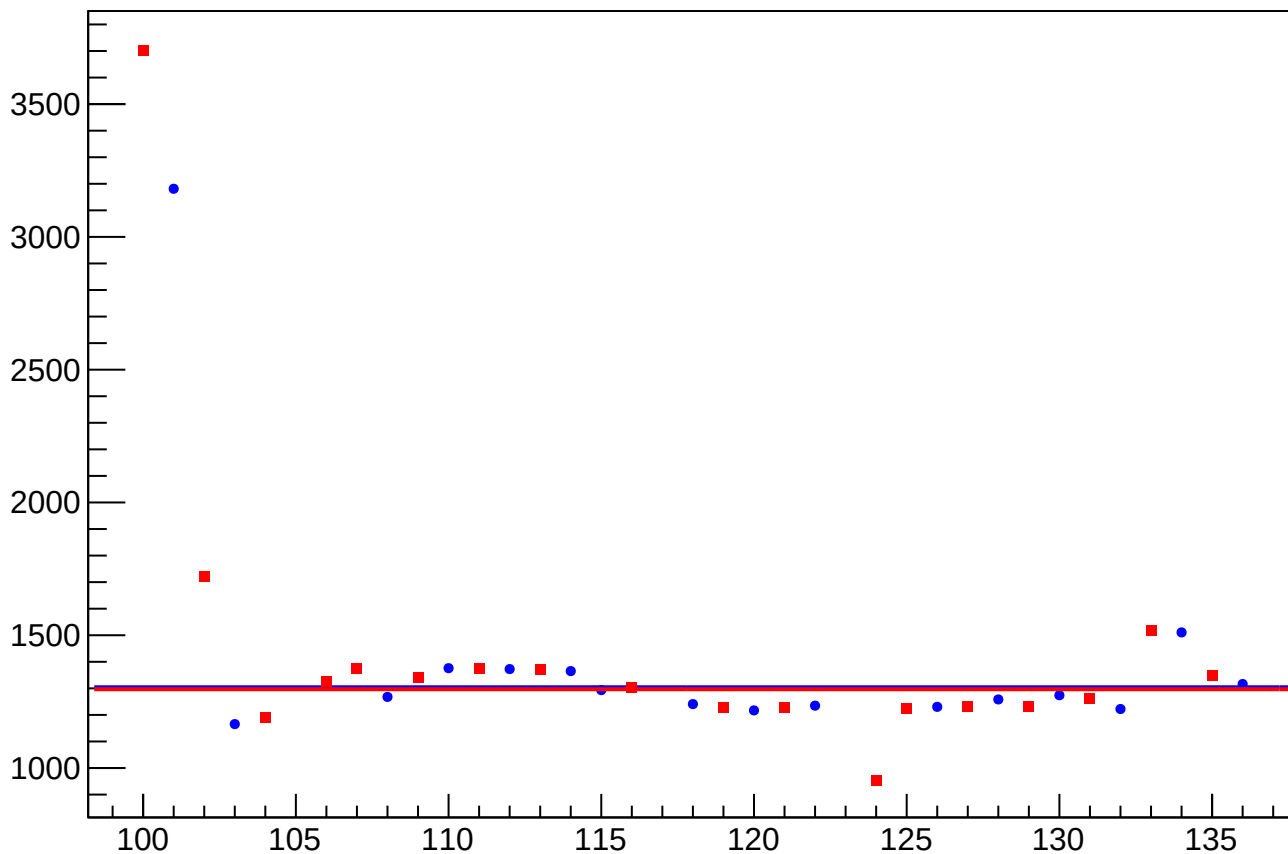
Right: -437.139+/-348.728 χ^2/NDF : 25.3/33

In: -607.831+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.139+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212745.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

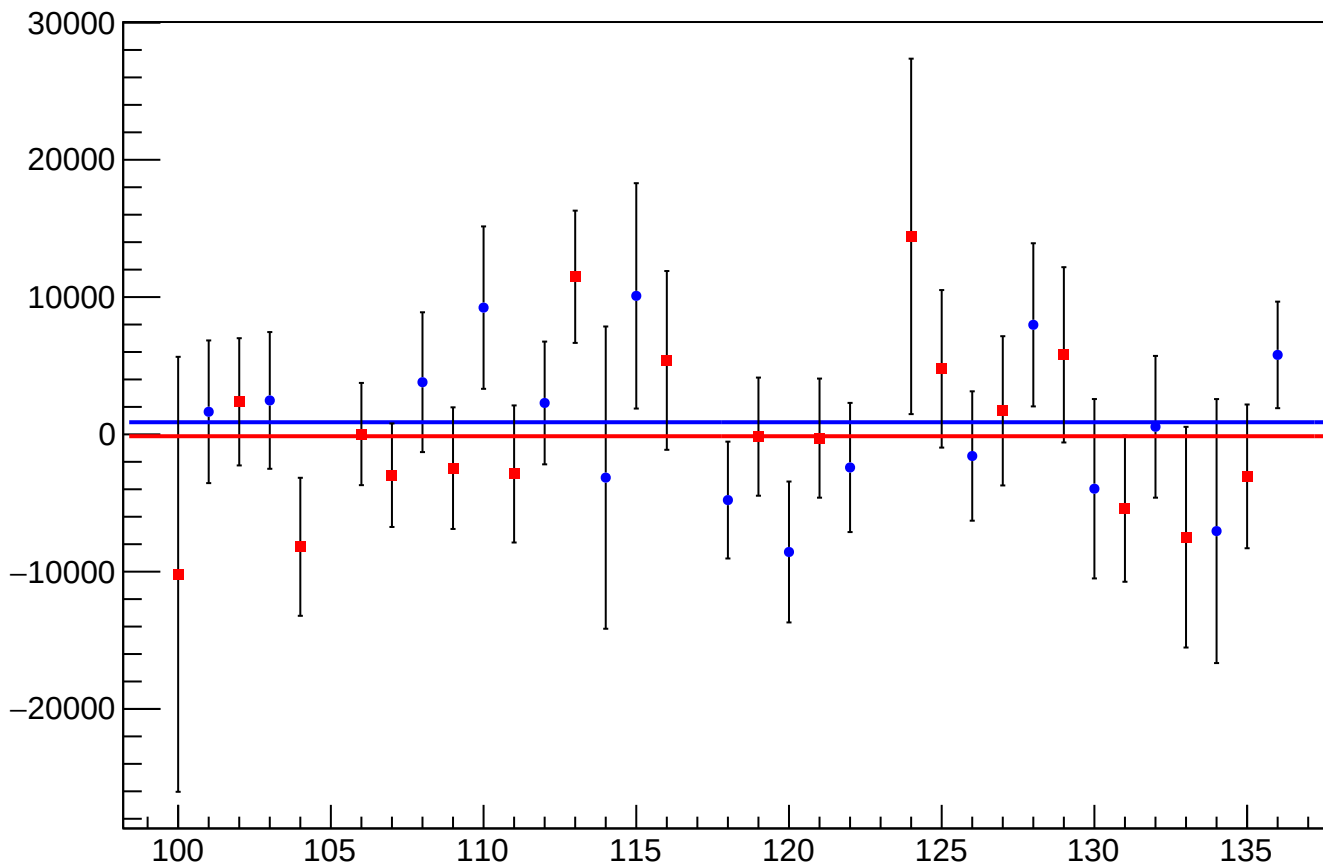
Right: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723558.9/33

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.058 $\pm$ 1327.399 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -135.392 $\pm$ 1213.109 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

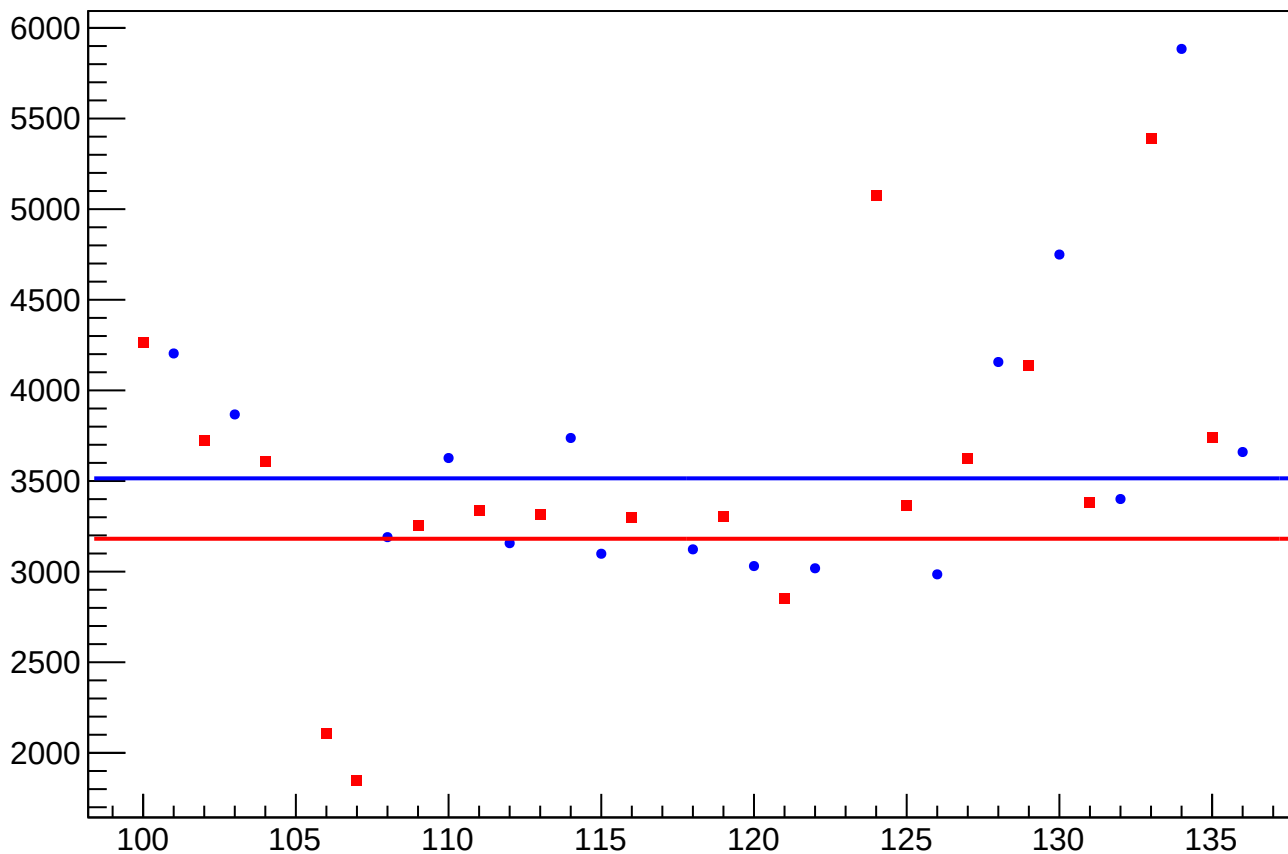
Right: 328.563 $\pm$ 895.482 χ^2 /NDF: 30.5/33

In: 884.058 $\pm$ 1327.399 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.563 $\pm$ 895.482 χ^2 /NDF: 30.5/33

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: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

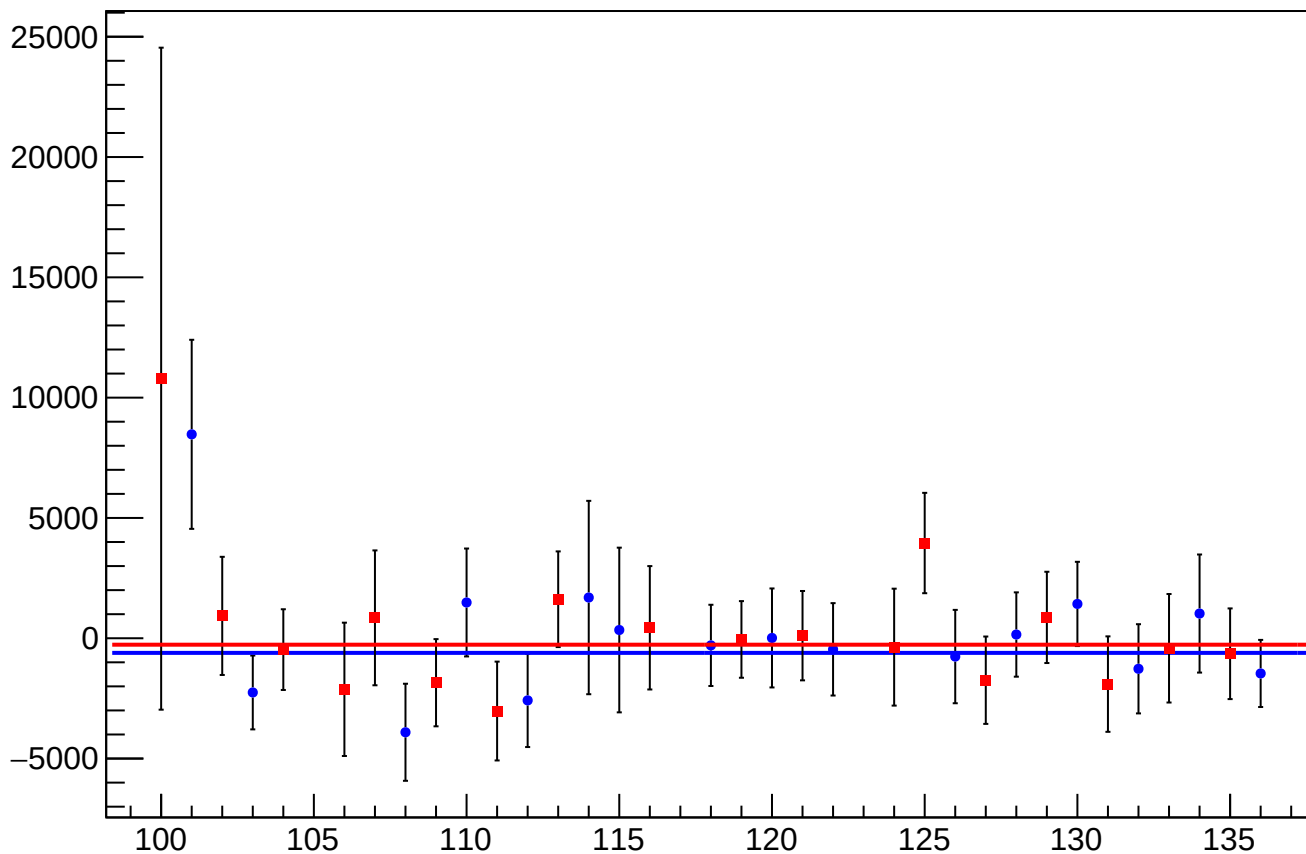
Right: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

In: 3514.746+/-0.939 χ^2/NDF : 375078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.104+/-0.633 χ^2/NDF : 1208909.9/33

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: -267.835+/-492.176 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

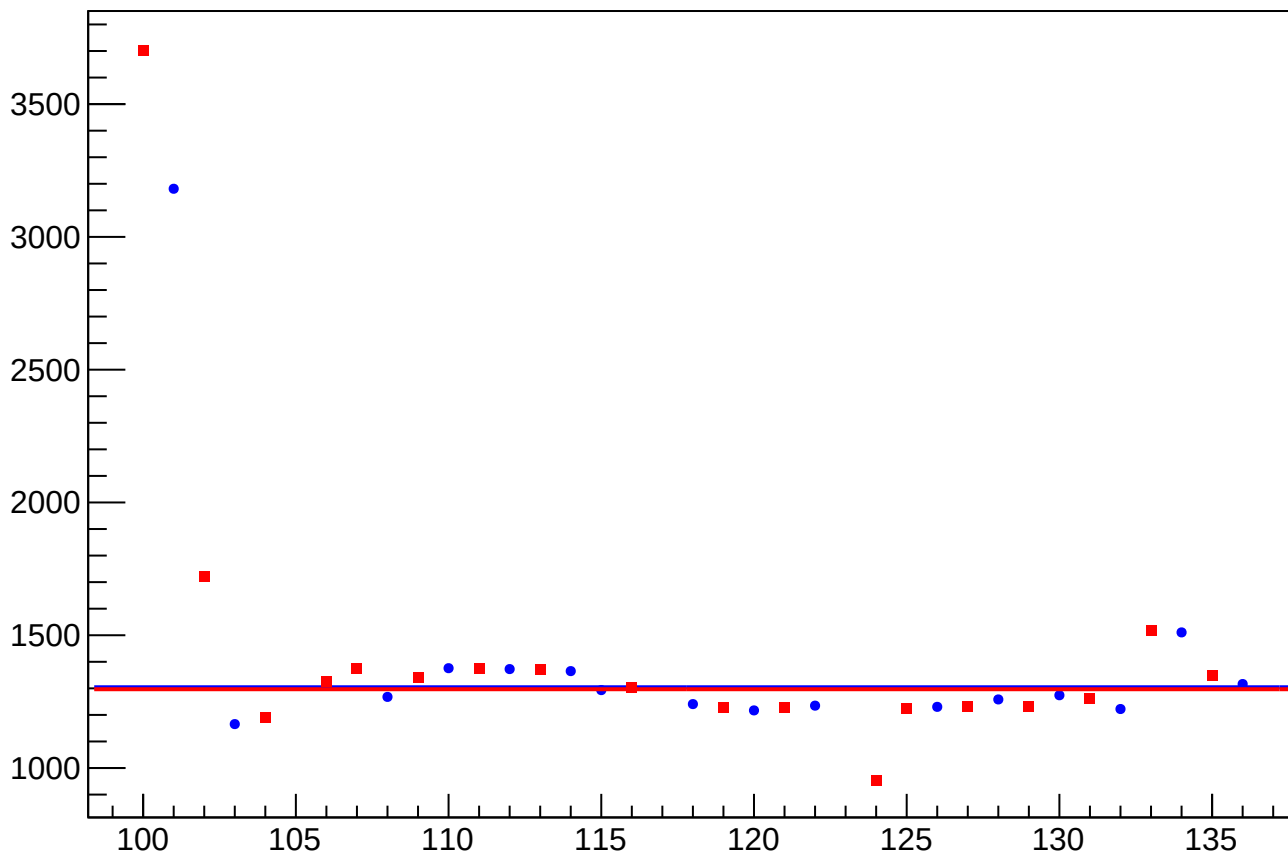
Right: -437.143+/-348.728 χ^2/NDF : 25.3/33

In: -607.834+/-494.182 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -437.143+/-348.728 χ^2/NDF : 25.3/33

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: 1296.732+/-0.348 χ^2/NDF : 212746.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

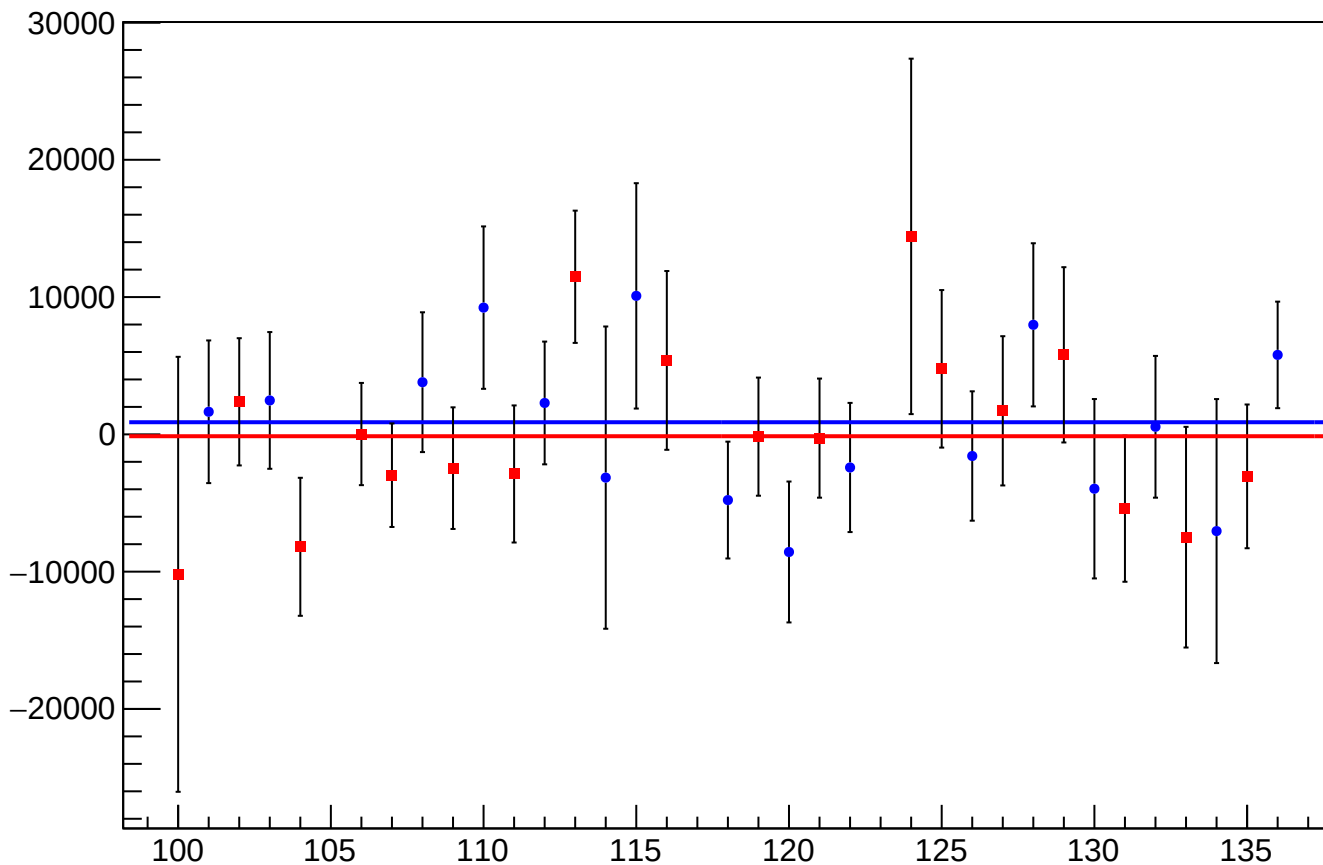
Right: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

In: 1304.102+/-0.349 χ^2/NDF : 510589.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.399+/-0.246 χ^2/NDF : 723559.1/33

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 884.047 $\pm$ 1327.396 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -135.395 $\pm$ 1213.106 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

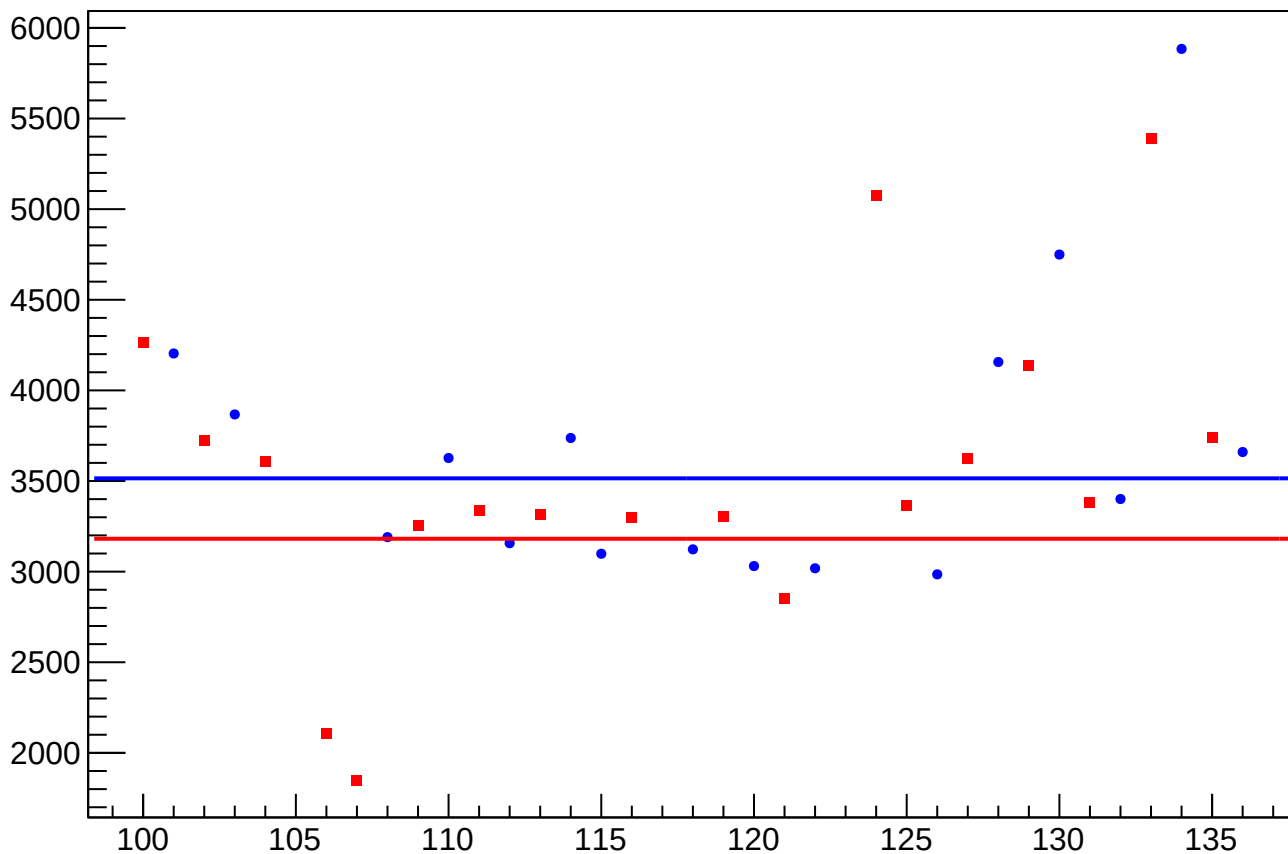
Right: 328.557 $\pm$ 895.479 χ^2 /NDF: 30.5/33

In: 884.047 $\pm$ 1327.396 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 328.557 $\pm$ 895.479 χ^2 /NDF: 30.5/33

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: 3181.387+/-0.858 χ^2/NDF : 765103.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

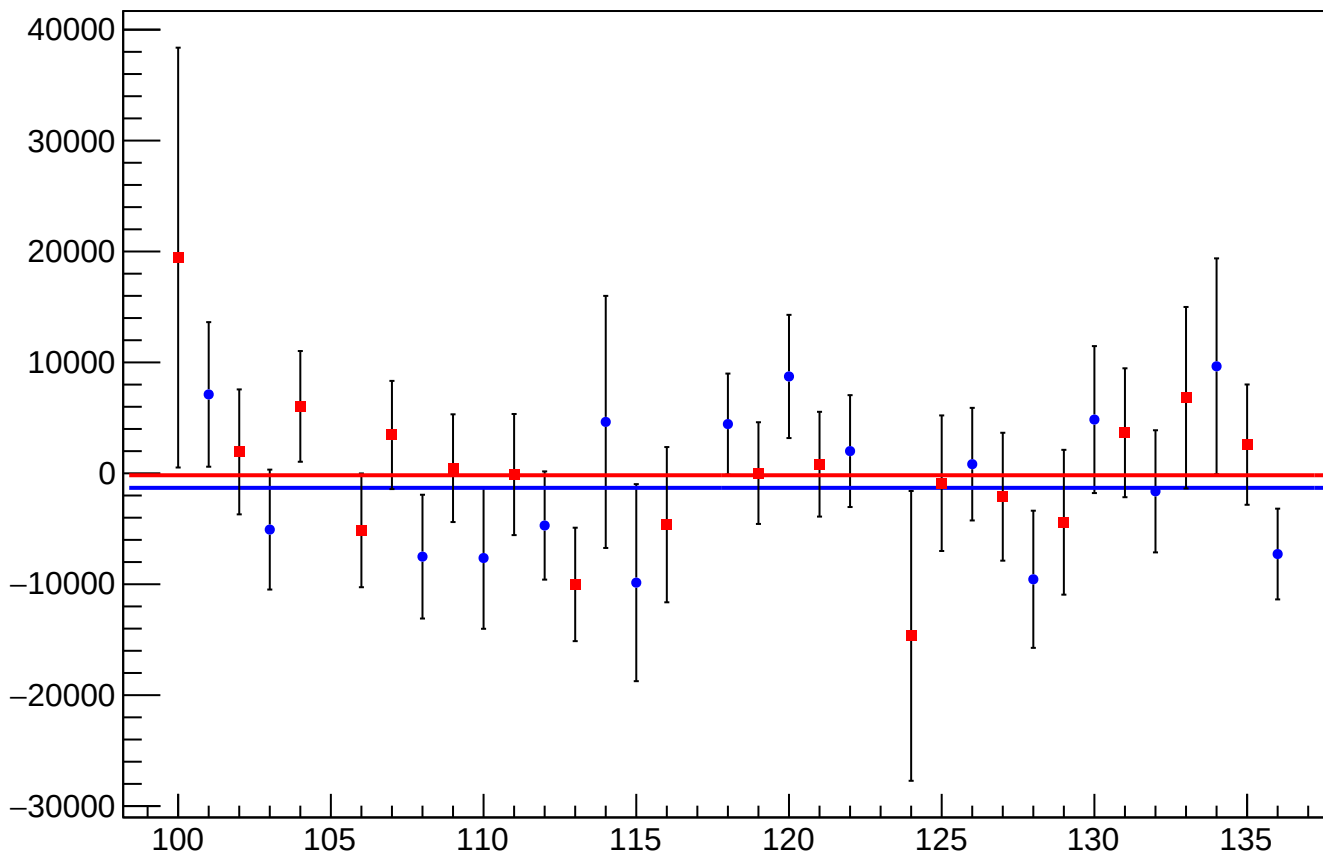
Right: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

In: 3514.737+/-0.939 χ^2/NDF : 375082.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3333.096+/-0.633 χ^2/NDF : 1208915.8/33

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: -173.210+/-1353.051 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

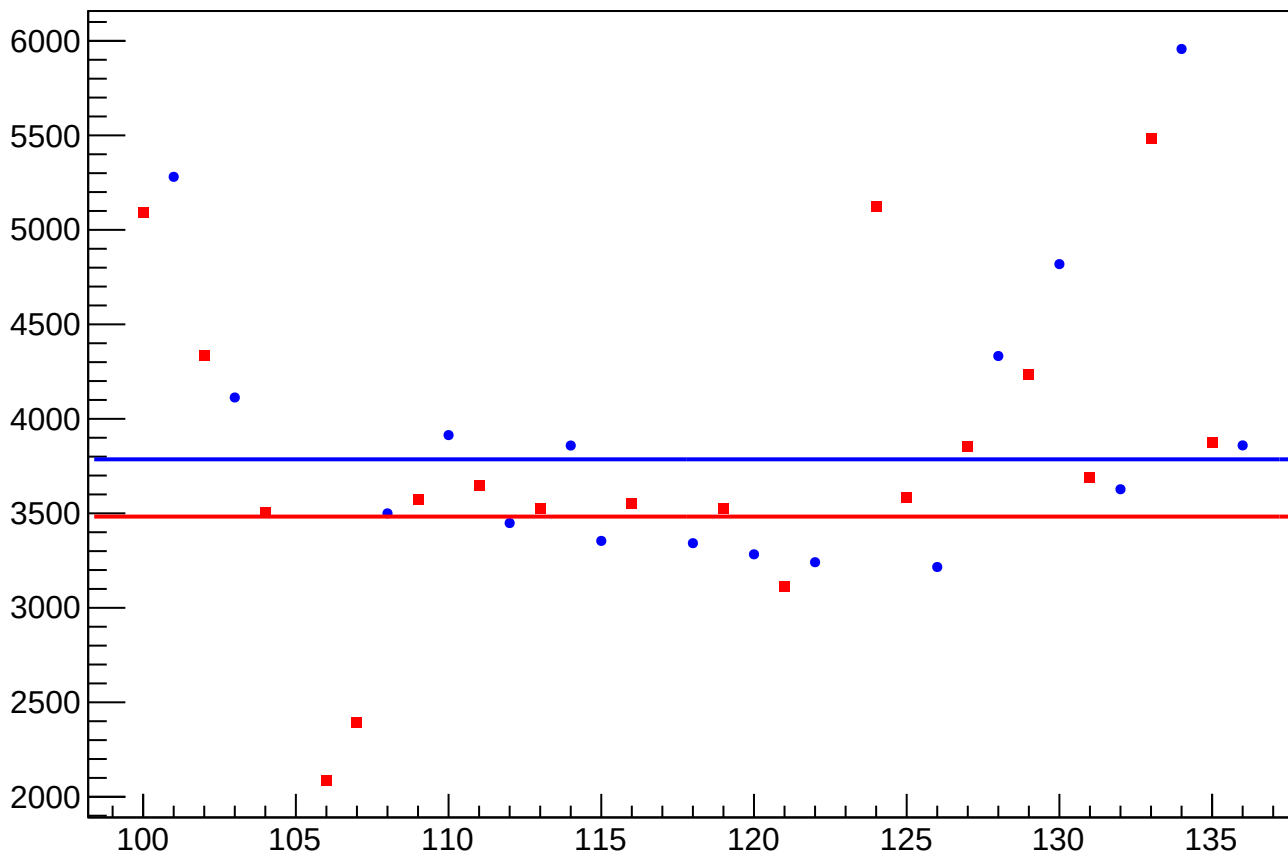
Right: -709.248+/-983.356 χ^2/NDF : 29.5/33

In: -1309.349+/-1431.624 χ^2/NDF : 17.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -709.248+/-983.356 χ^2/NDF : 29.5/33

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: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

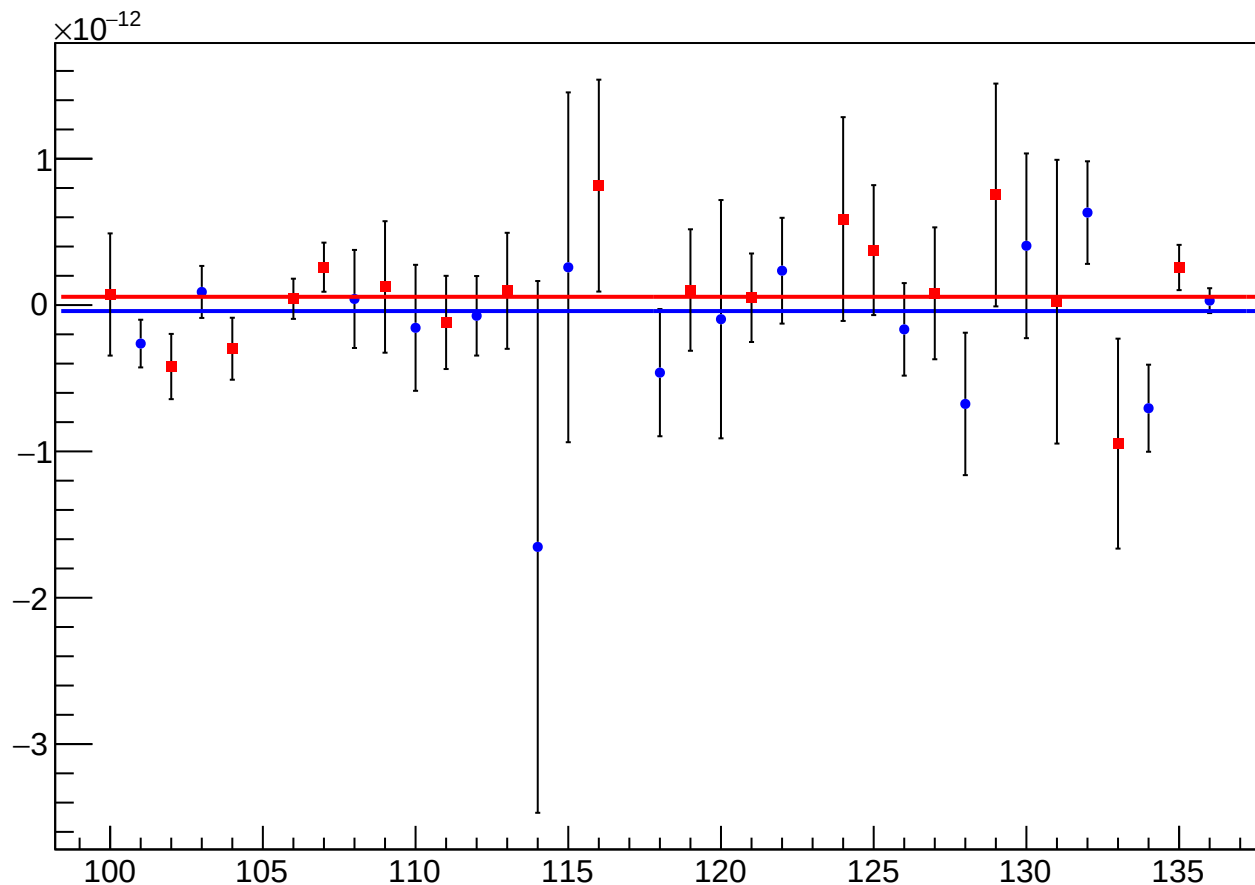
Right: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

In: 3785.774+/-1.012 χ^2/NDF : 382992.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3623.611+/-0.690 χ^2/NDF : 1014814.0/33

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 : 15.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

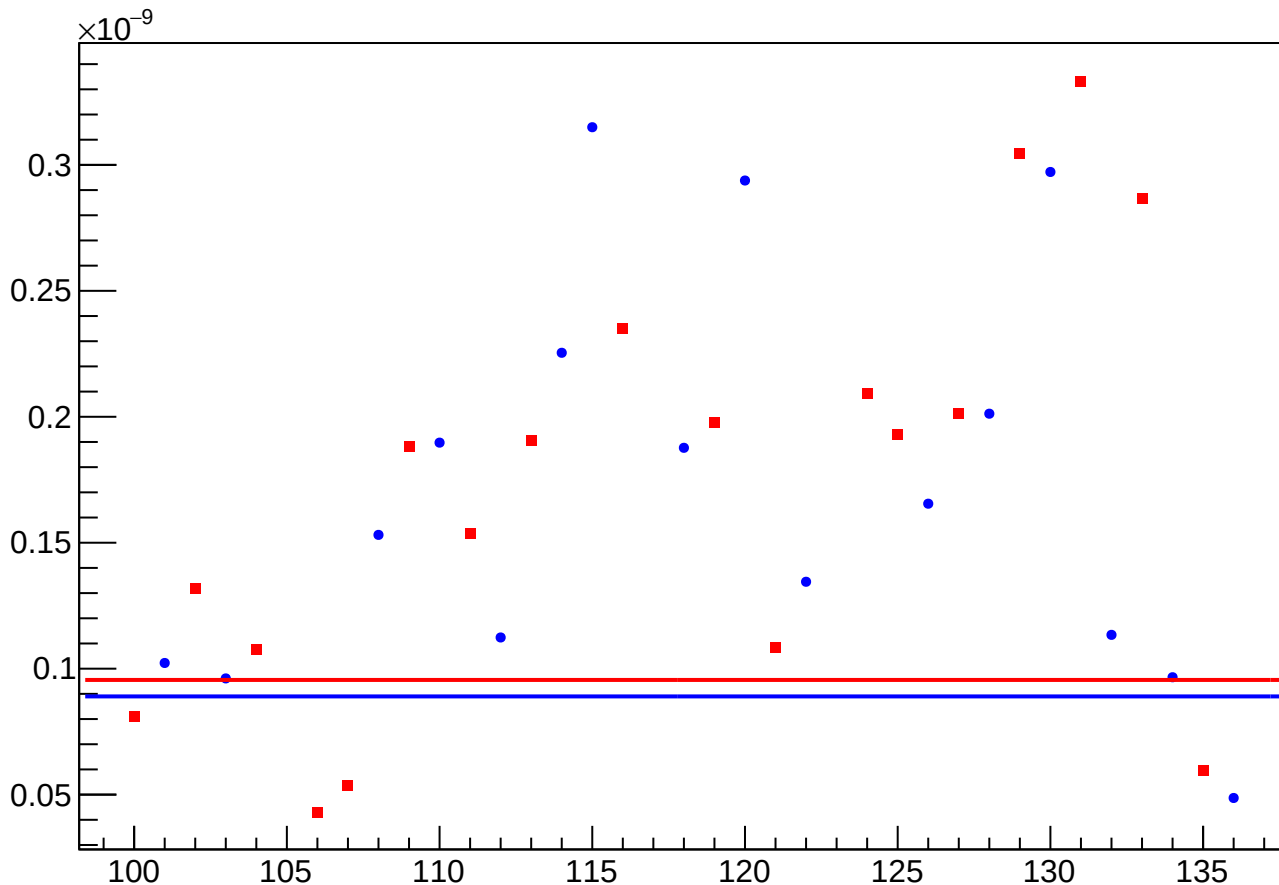
Right: 0.000+/-0.000 χ^2/NDF : 33.7/33

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 : 33.7/33

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 : 1728189.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

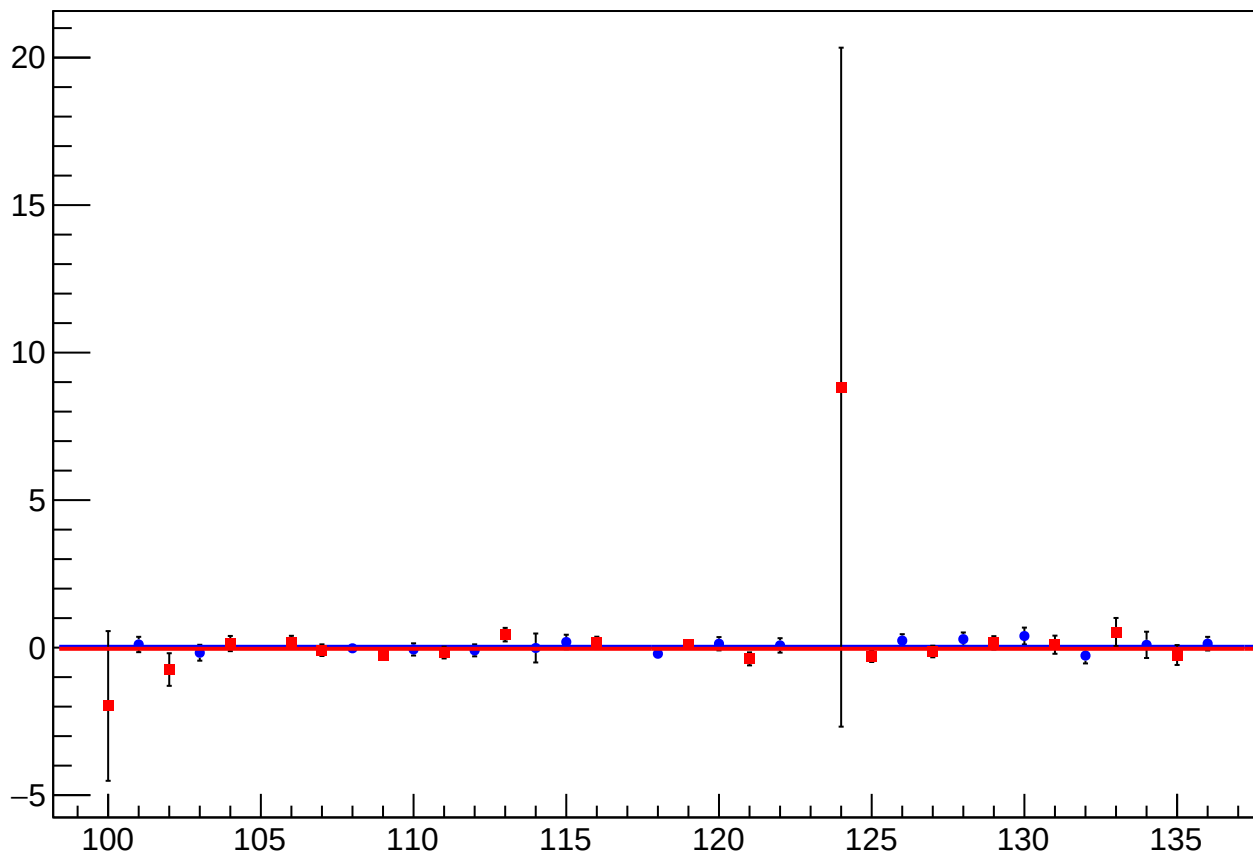
Right: 0.000+/-0.000 χ^2/NDF : 3199966.9/33

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 : 3199966.9/33

asym_atl1r2_dd_atl2r1_dd_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: -0.040 $\pm$ 0.055 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

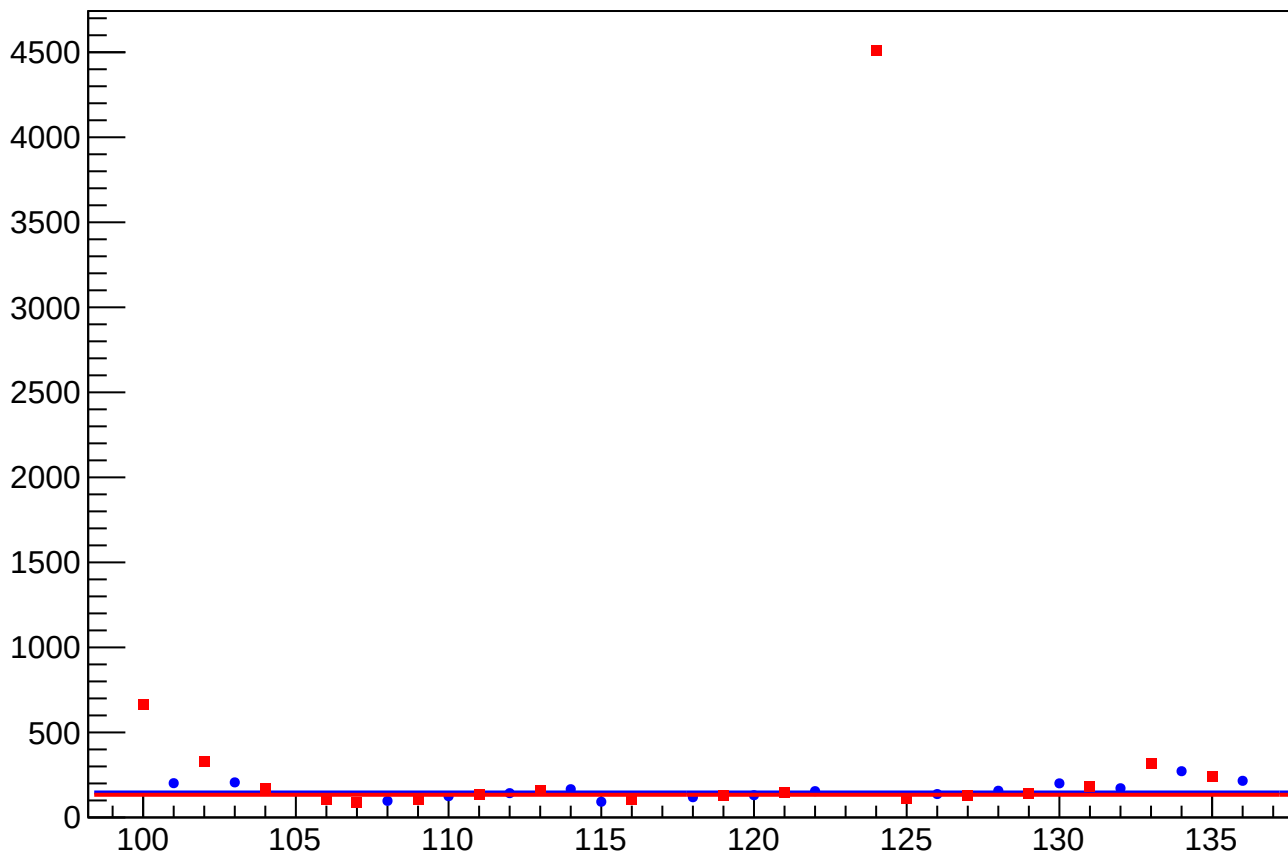
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

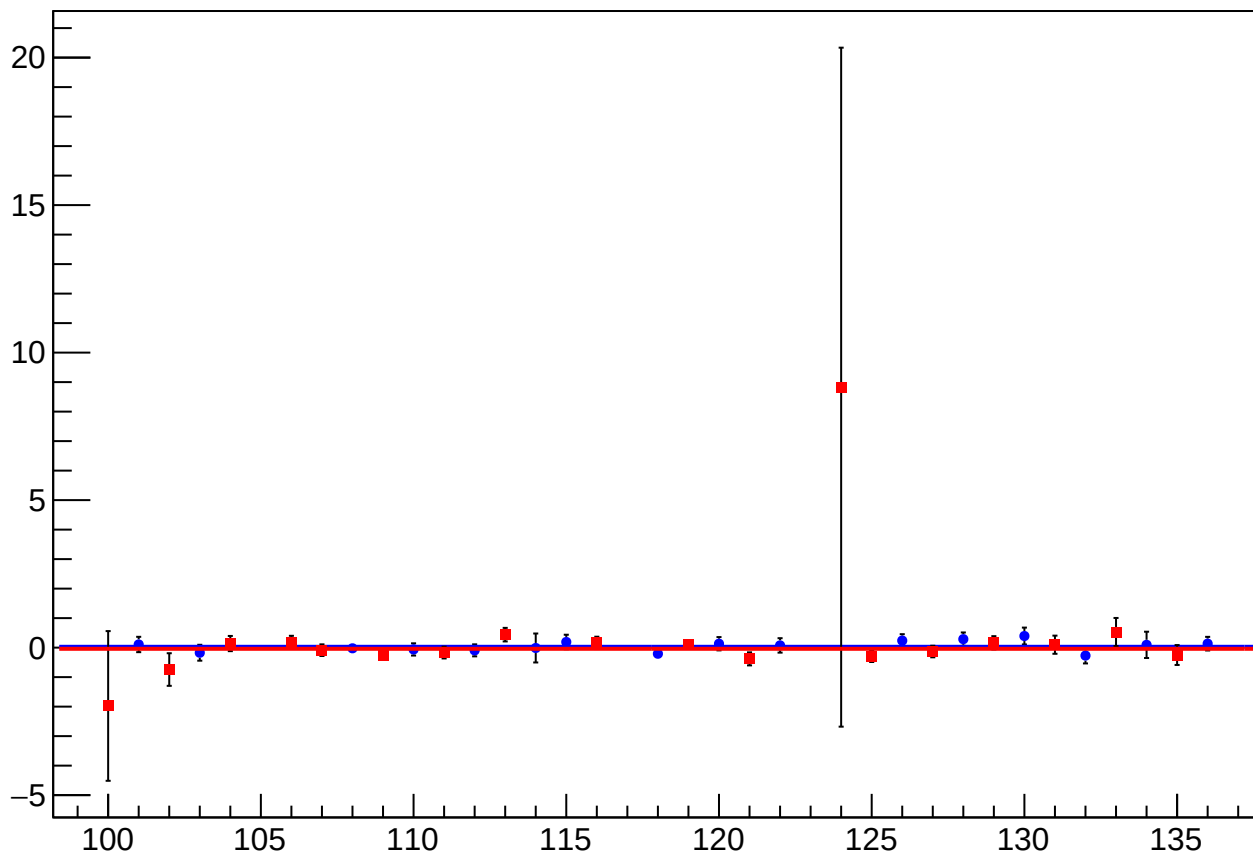
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

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: -0.040 $\pm$ 0.055 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

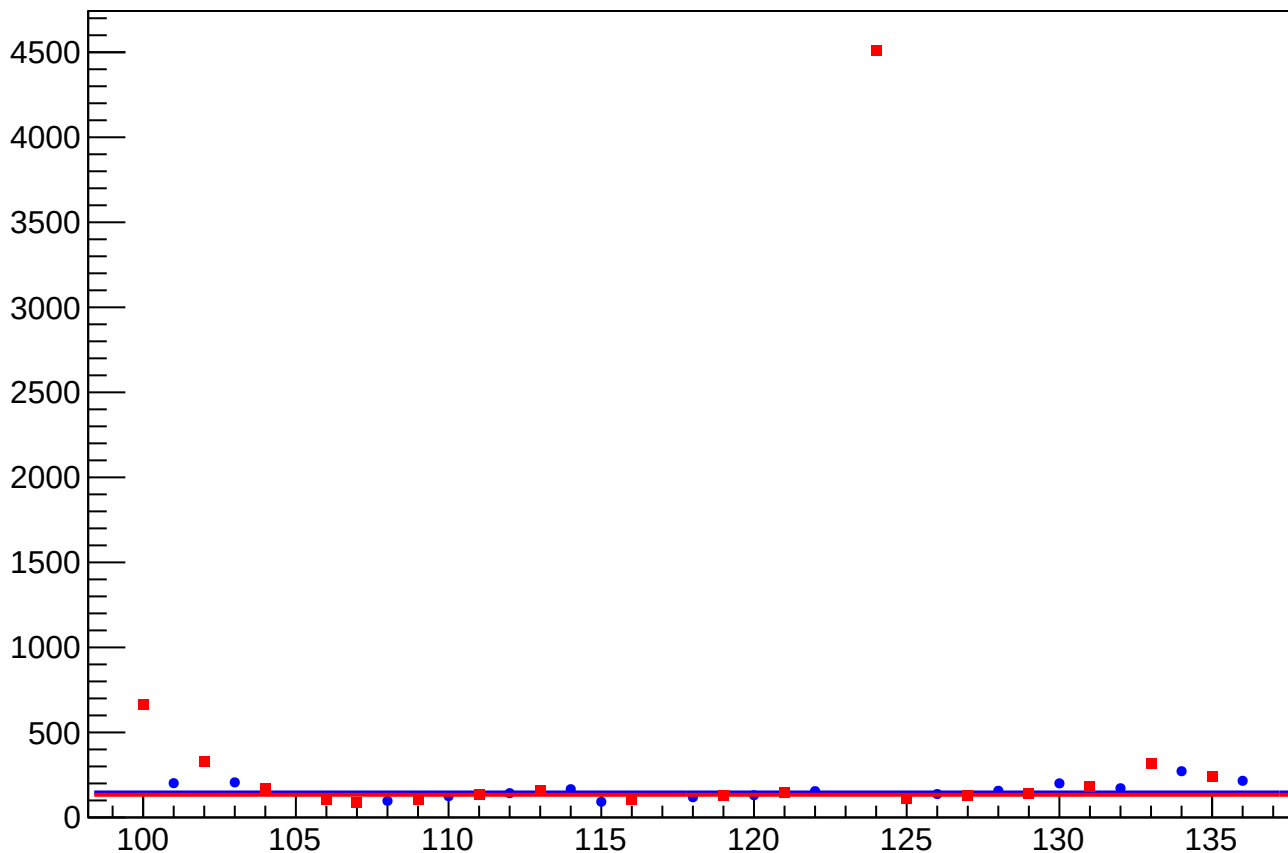
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

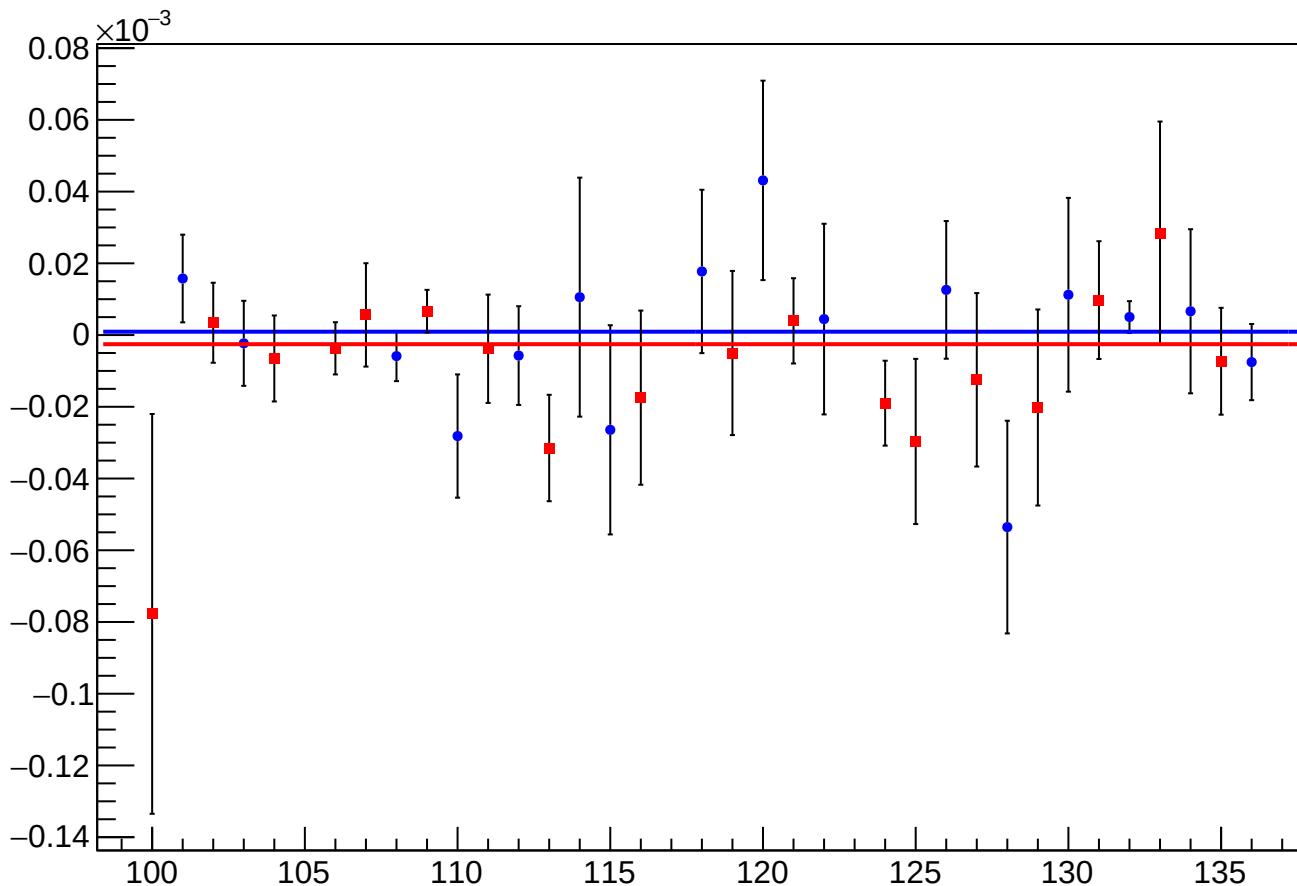
Right: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

In: 146.829+/-0.041 χ^2/NDF : 998704.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.793+/-0.028 χ^2/NDF : 2560188.9/33

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 : 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

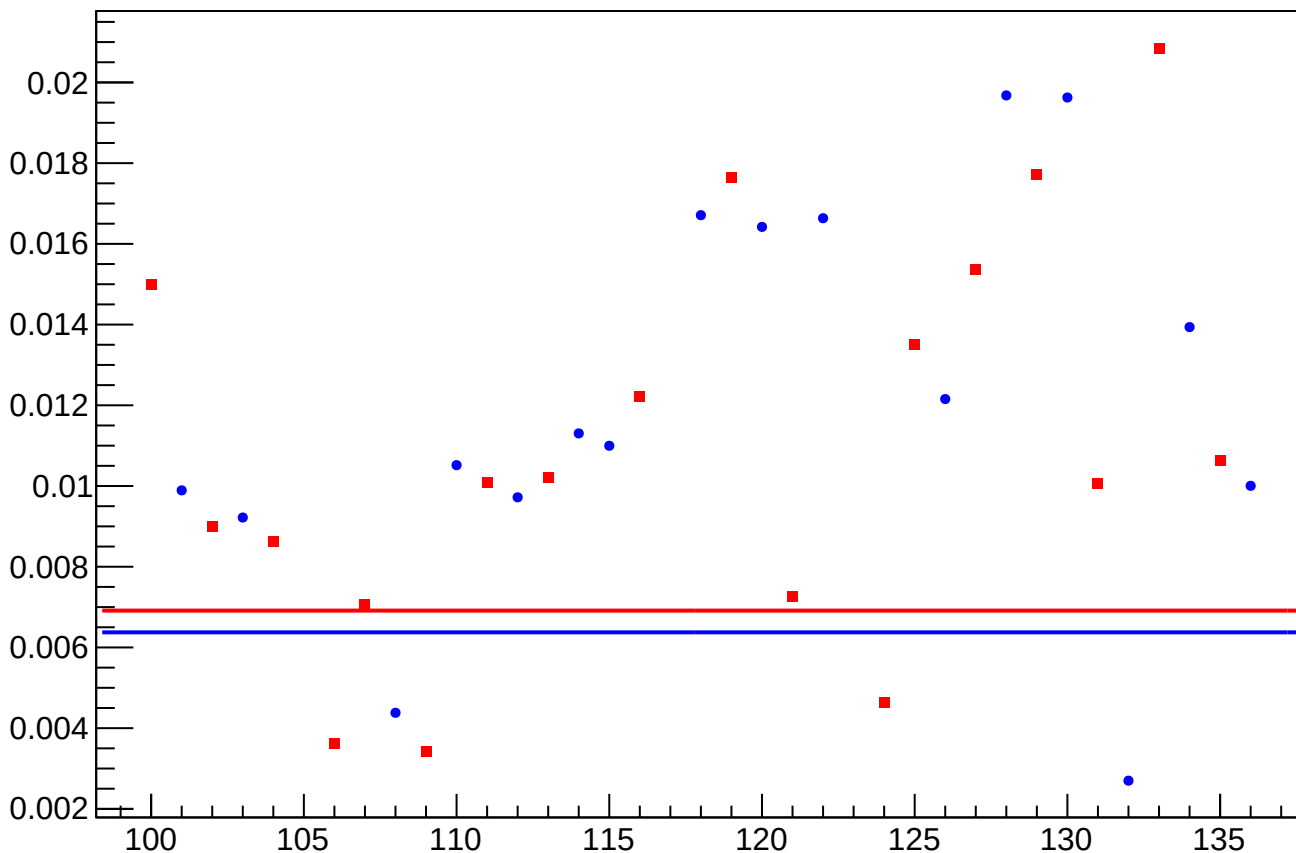
Right: -0.000+/-0.000 χ^2/NDF : 30.6/33

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 : 30.6/33

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 : 3367113.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

In: 0.006+/-0.000

χ^2/NDF : 4639775.7/15

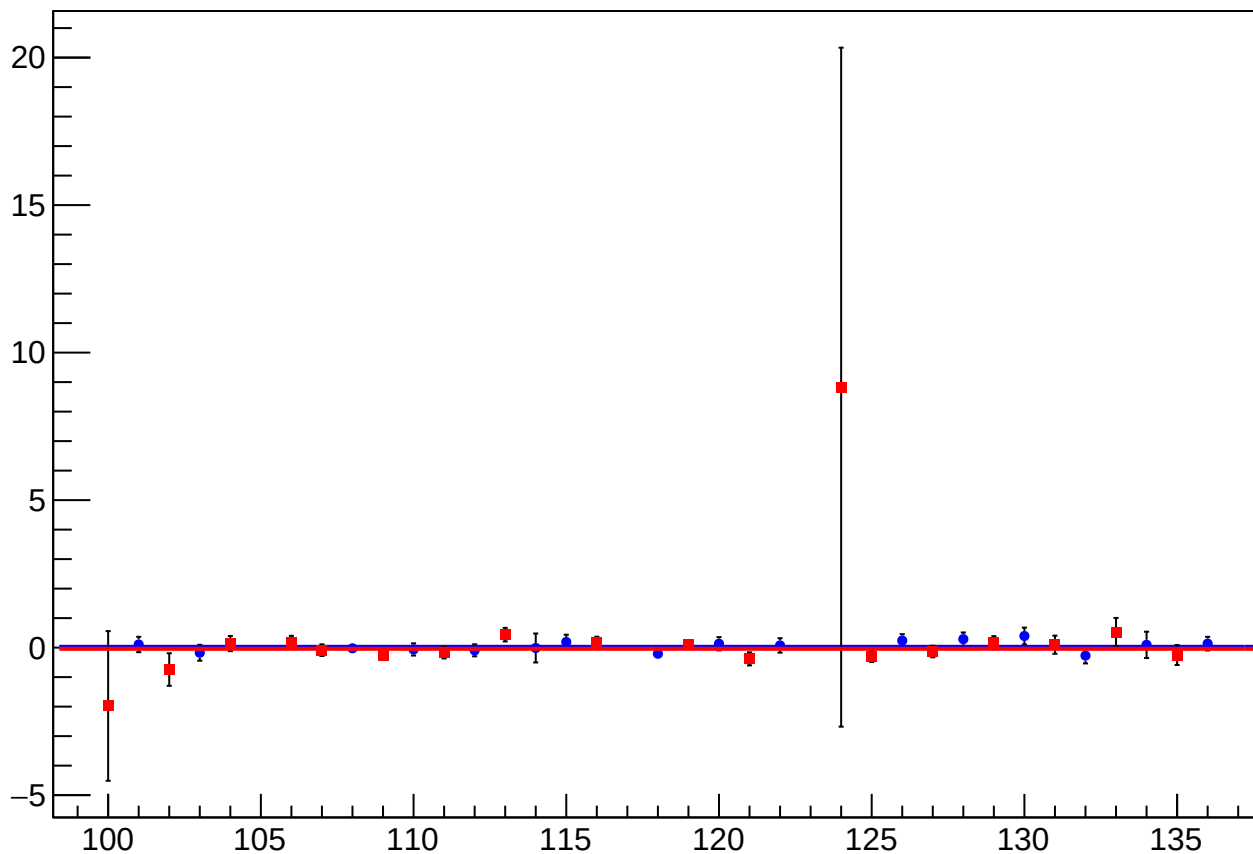
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 8039499.2/33

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: -0.040 $\pm$ 0.055 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

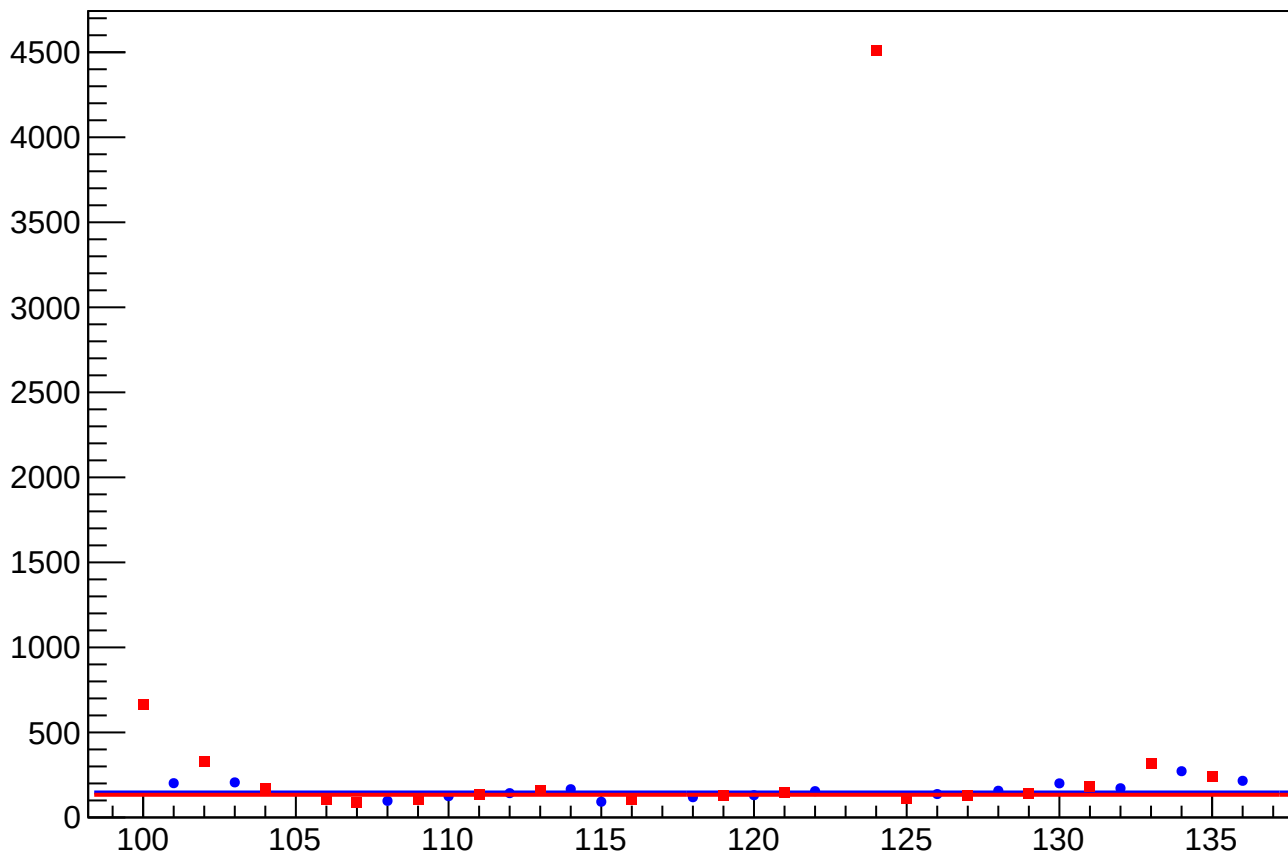
Right: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: -0.008 $\pm$ 0.040 χ^2 /NDF: 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

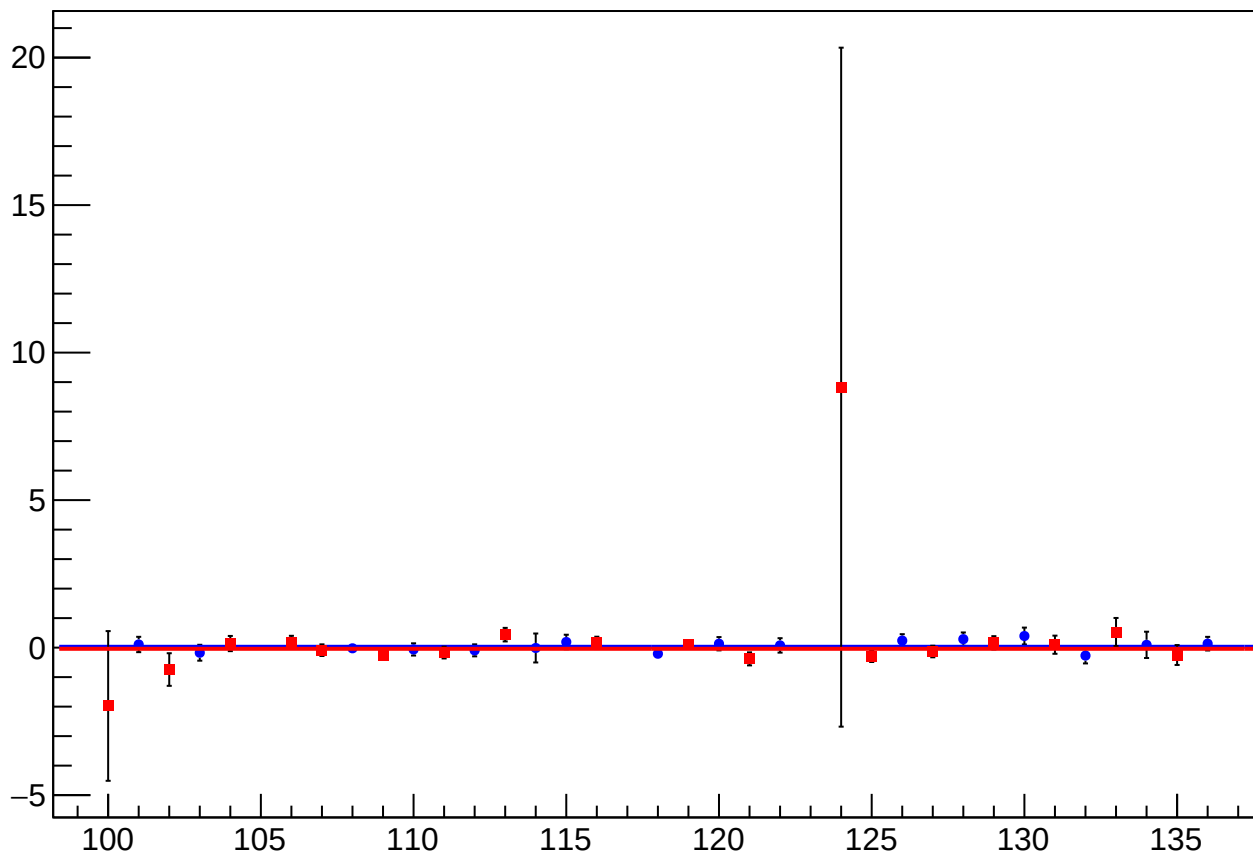
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_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: -0.040+/-0.055 χ^2/NDF : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

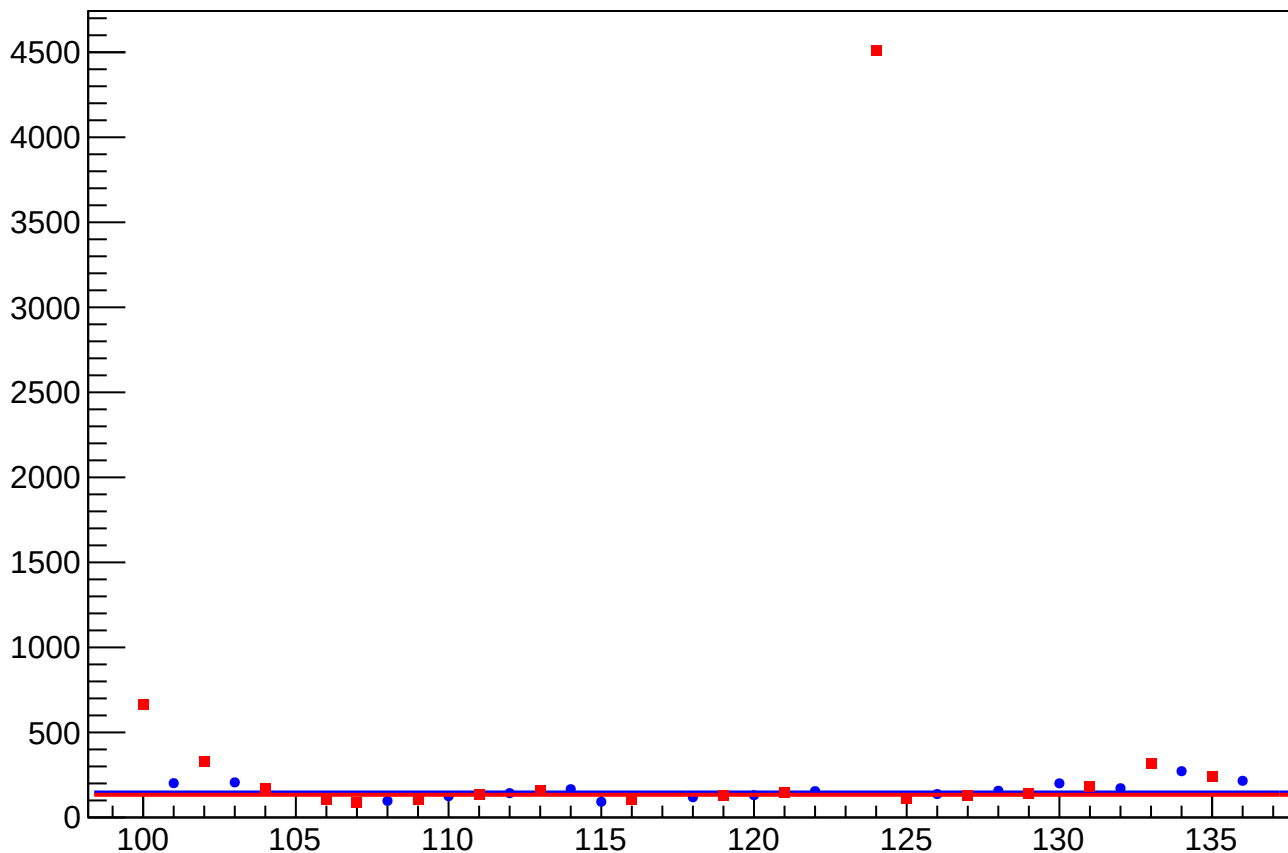
Right: -0.008+/-0.040 χ^2/NDF : 30.2/33

In: 0.028+/-0.058 χ^2/NDF : 9.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.008+/-0.040 χ^2/NDF : 30.2/33

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: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

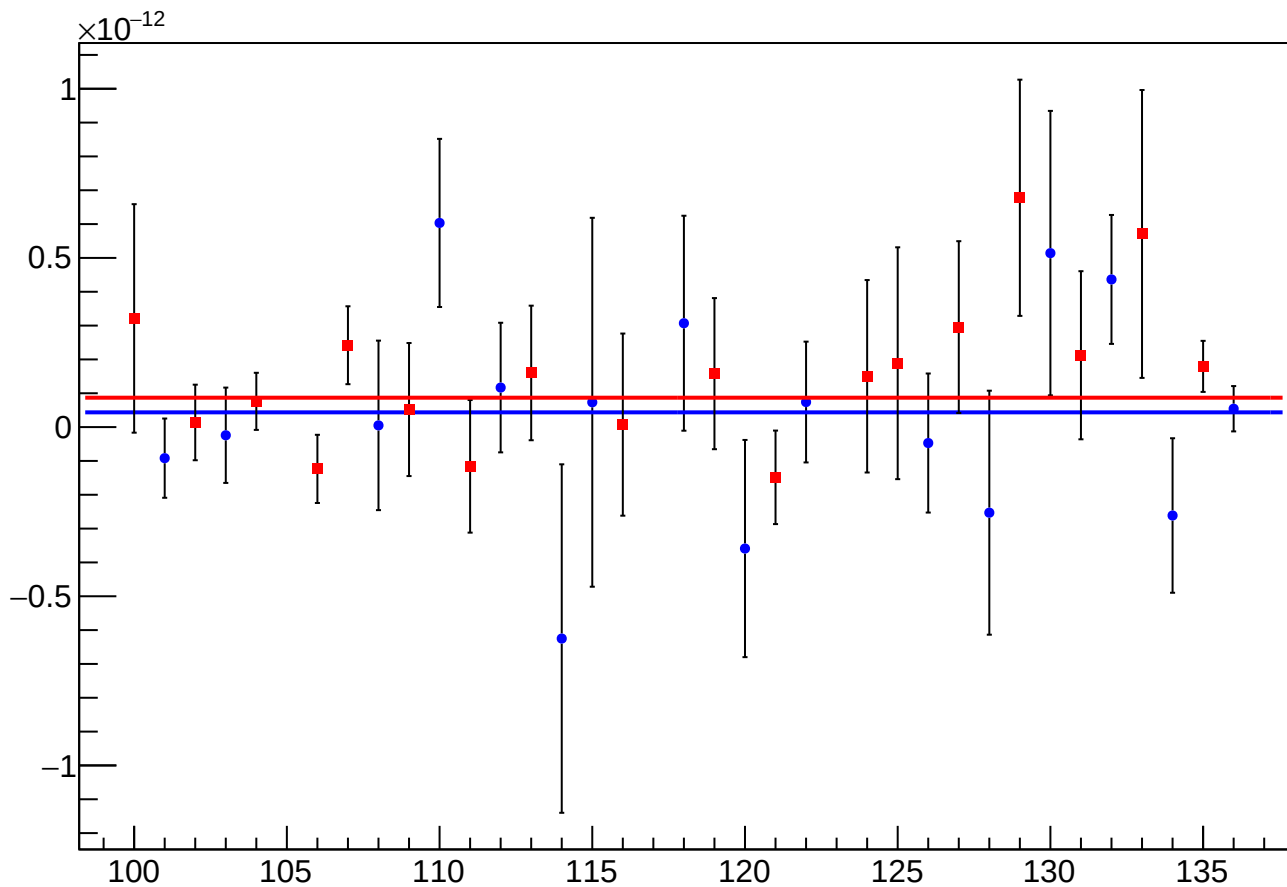
Right: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

In: 146.829+/-0.041 χ^2/NDF : 998646.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 139.794+/-0.028 χ^2/NDF : 2560044.6/33

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 : 18.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

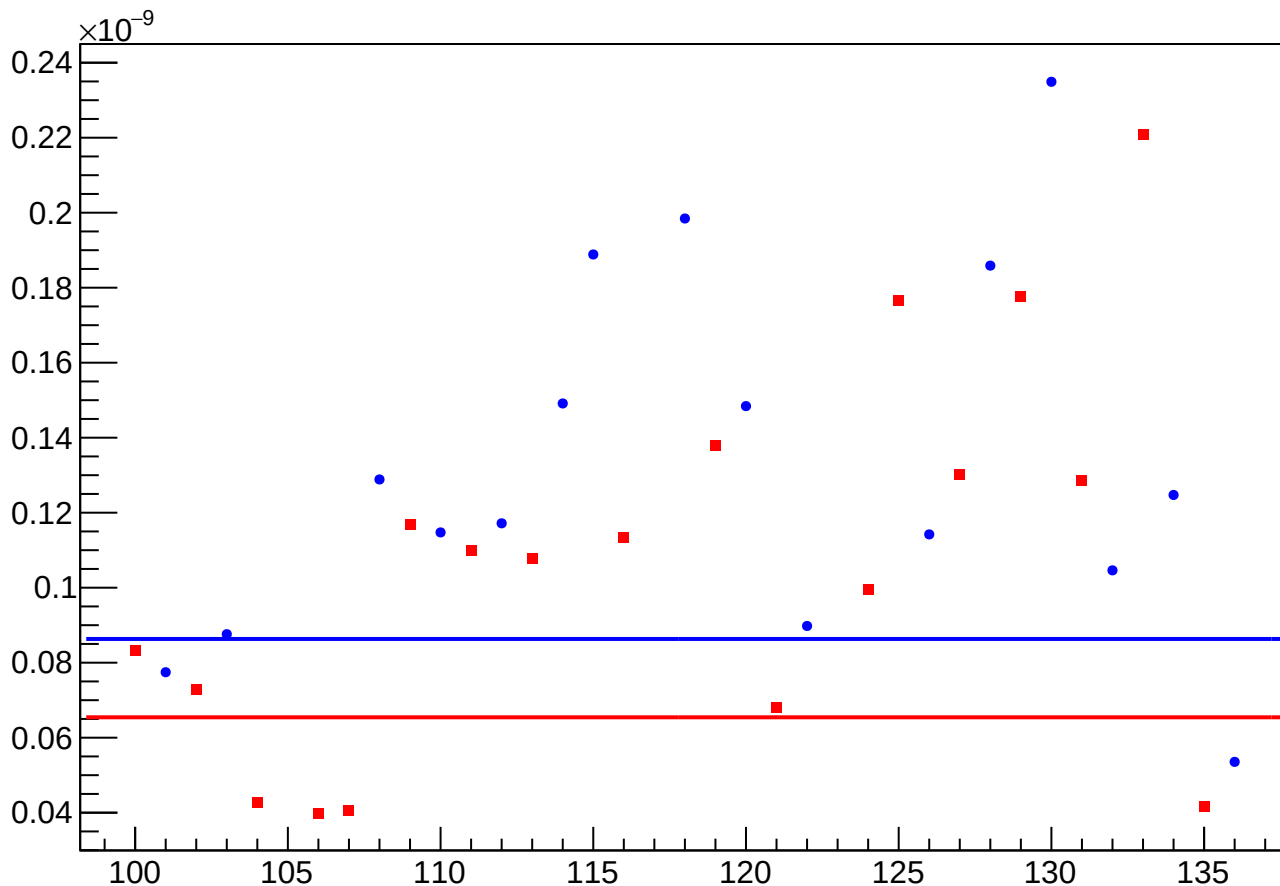
Right: 0.000+/-0.000 χ^2/NDF : 37.8/33

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 : 37.8/33

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 : 2154296.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

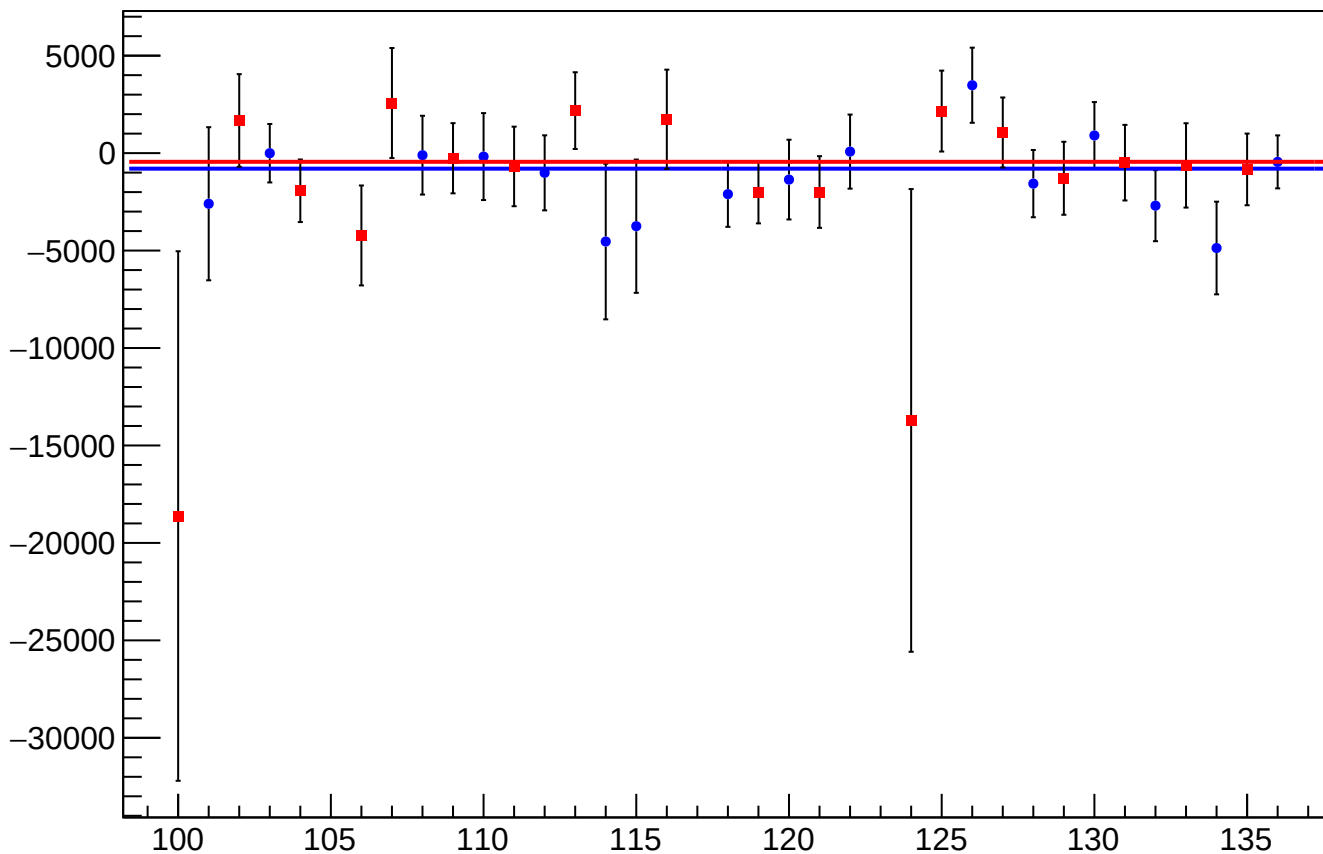
Right: 0.000+/-0.000 χ^2/NDF : 4004985.0/33

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 : 4004985.0/33

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: -446.294+/-493.035 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

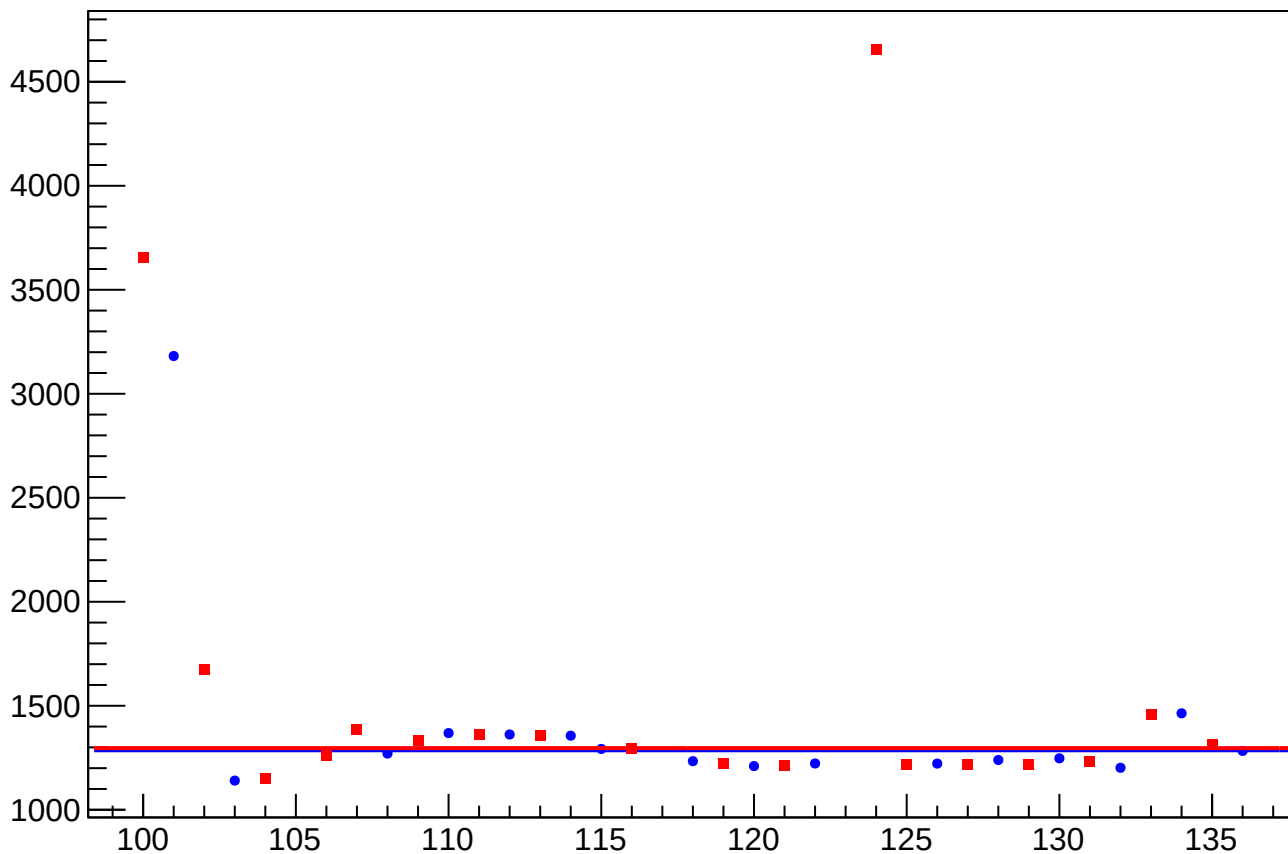
Right: -623.787+/-346.638 χ^2/NDF : 28.4/33

In: -797.285+/-487.453 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -623.787+/-346.638 χ^2/NDF : 28.4/33

reg_asym_atl1r2_dd_atl2r1_dd_avg_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: 1296.317+/-0.349 χ^2/NDF : 328030.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

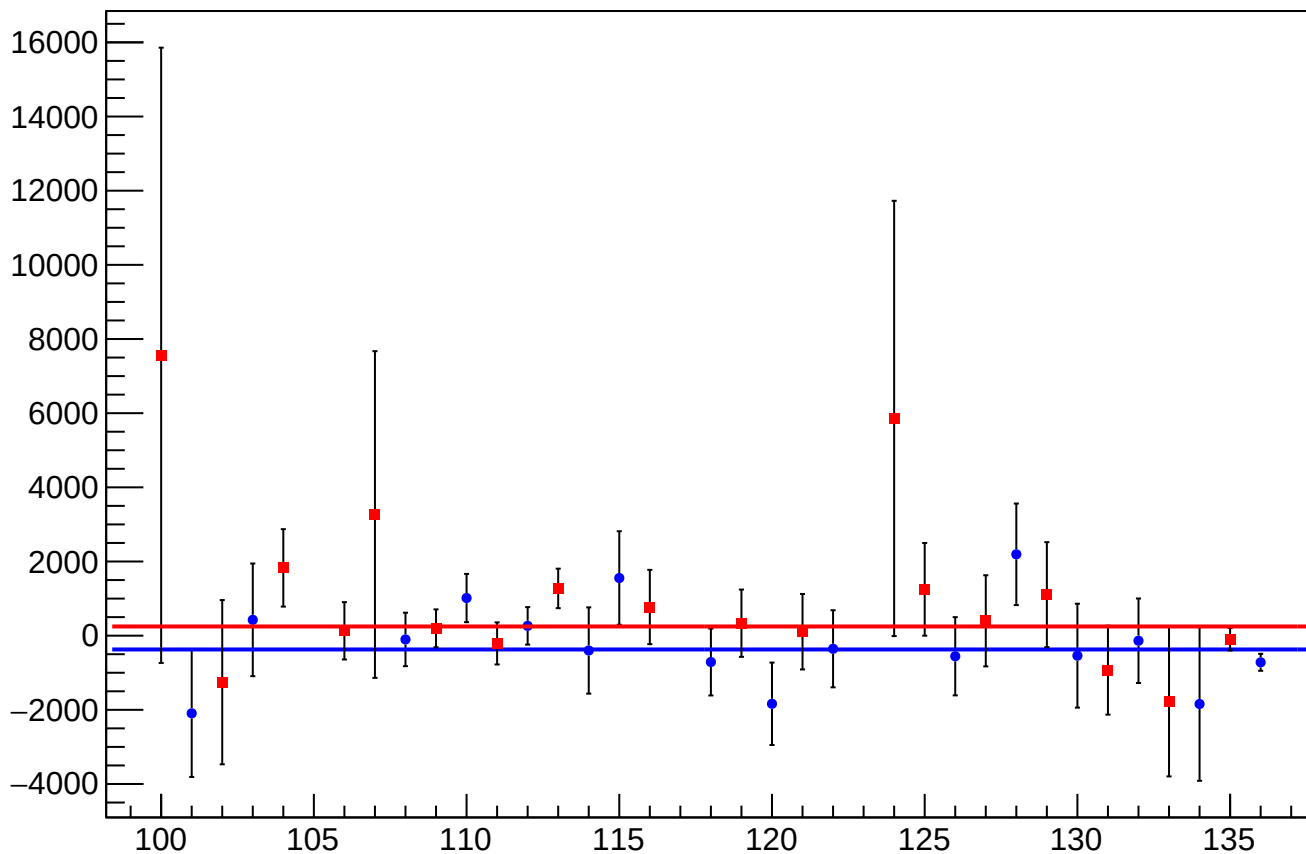
Right: 1291.149+/-0.245 χ^2/NDF : 846591.7/33

In: 1286.097+/-0.345 χ^2/NDF : 518126.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.149+/-0.245 χ^2/NDF : 846591.7/33

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: 247.875+/-182.170 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

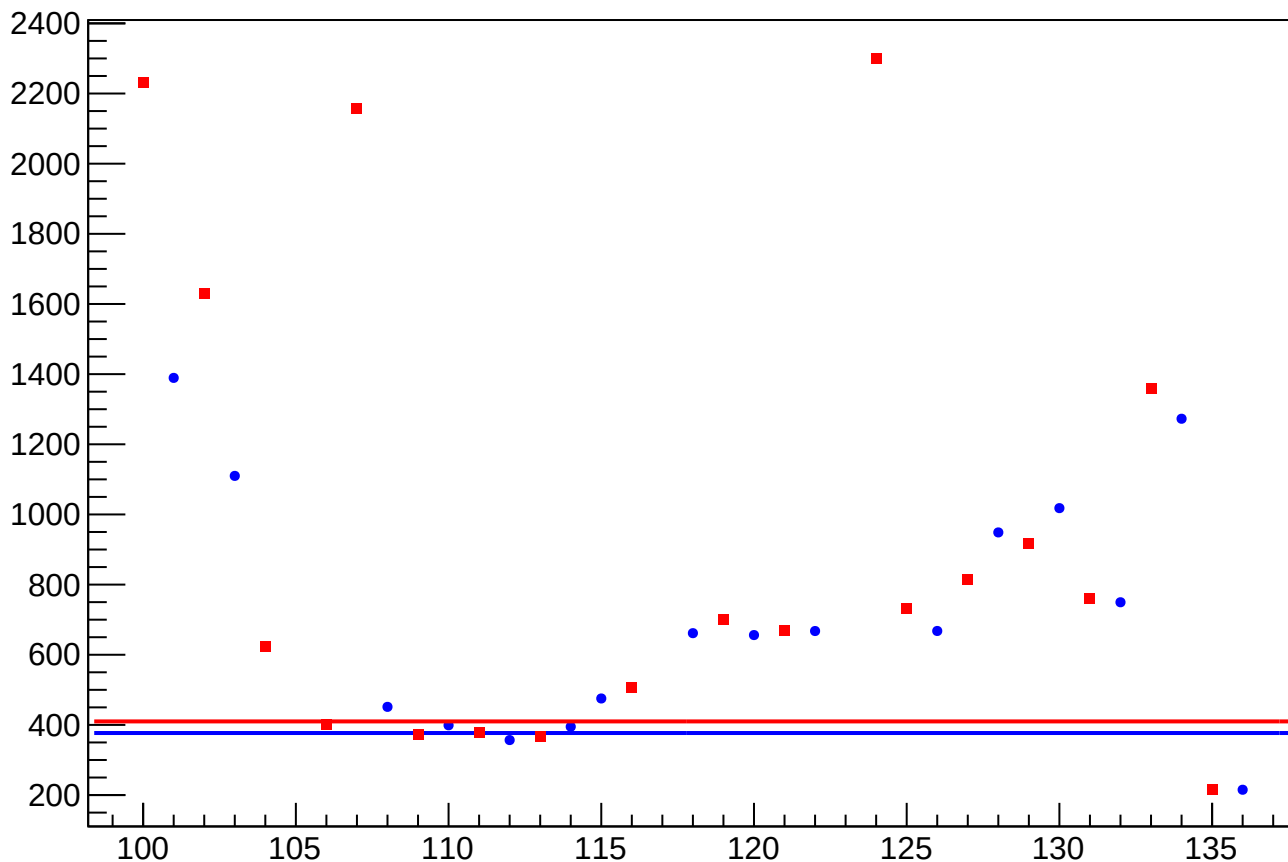
Right: -86.908+/-123.581 χ^2/NDF : 38.3/33

In: -372.325+/-168.204 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -86.908+/-123.581 χ^2/NDF : 38.3/33

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: 409.984+/-0.129 χ^2/NDF : 3727195.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

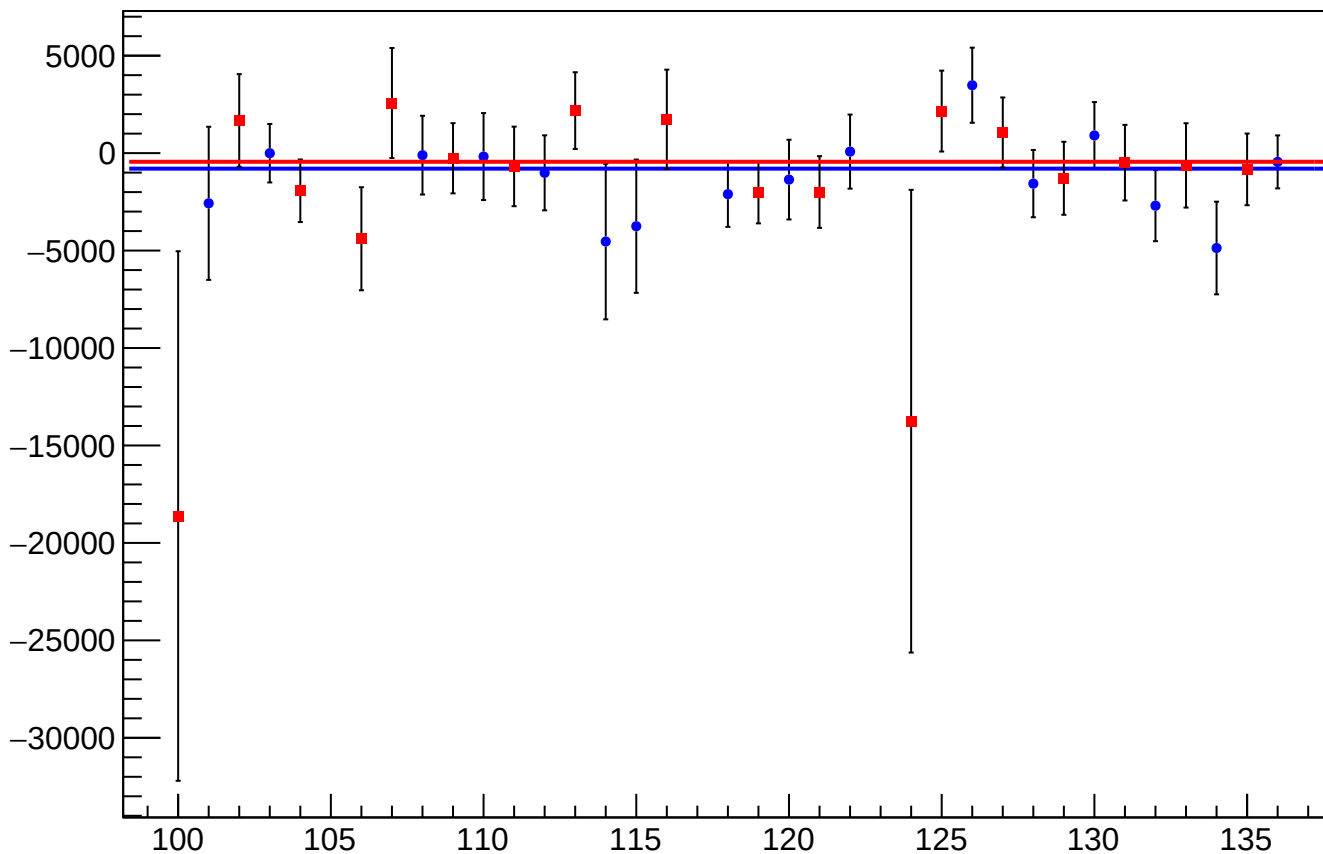
Right: 392.121+/-0.087 χ^2/NDF : 7953013.4/33

In: 376.893+/-0.119 χ^2/NDF :4190194.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 392.121+/-0.087 χ^2/NDF : 7953013.4/33

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: -443.872+/-493.581 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

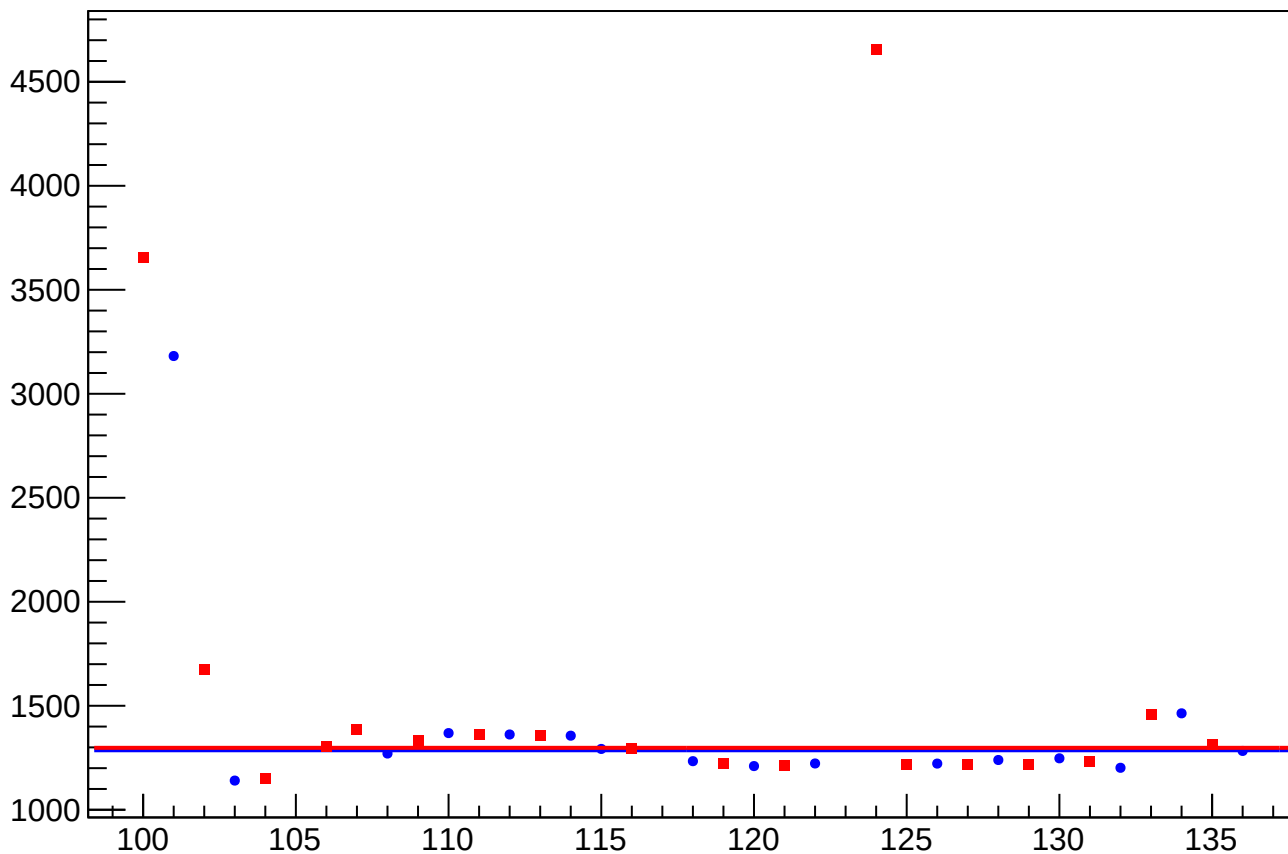
Right: -622.583+/-346.828 χ^2/NDF : 28.5/33

In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.583+/-346.828 χ^2/NDF : 28.5/33

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: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

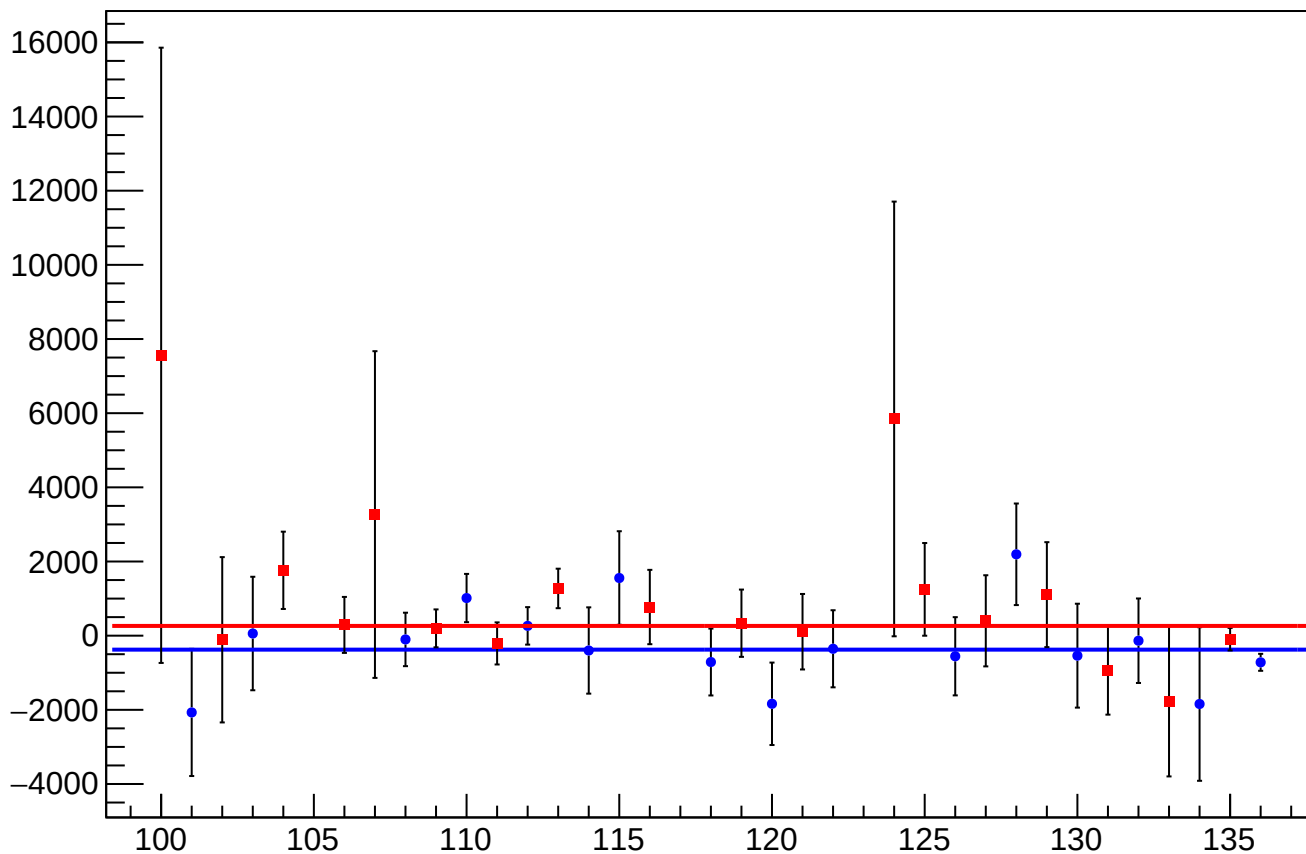
Right: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

In: 1286.097+/-0.345 χ^2/NDF :518128.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

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: 262.805+/-181.924 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

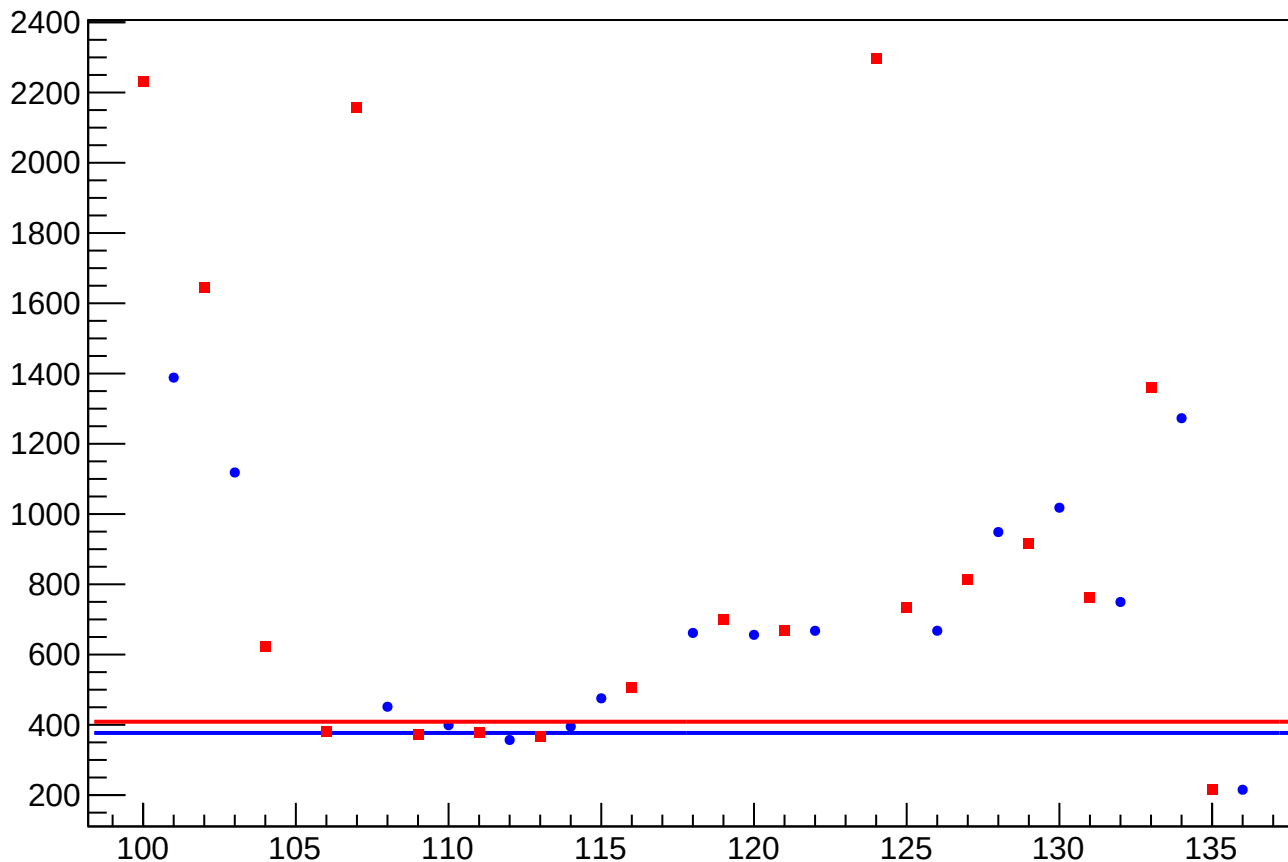
Right: -81.970+/-123.512 χ^2/NDF : 37.8/33

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.970+/-123.512 χ^2/NDF : 37.8/33

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: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

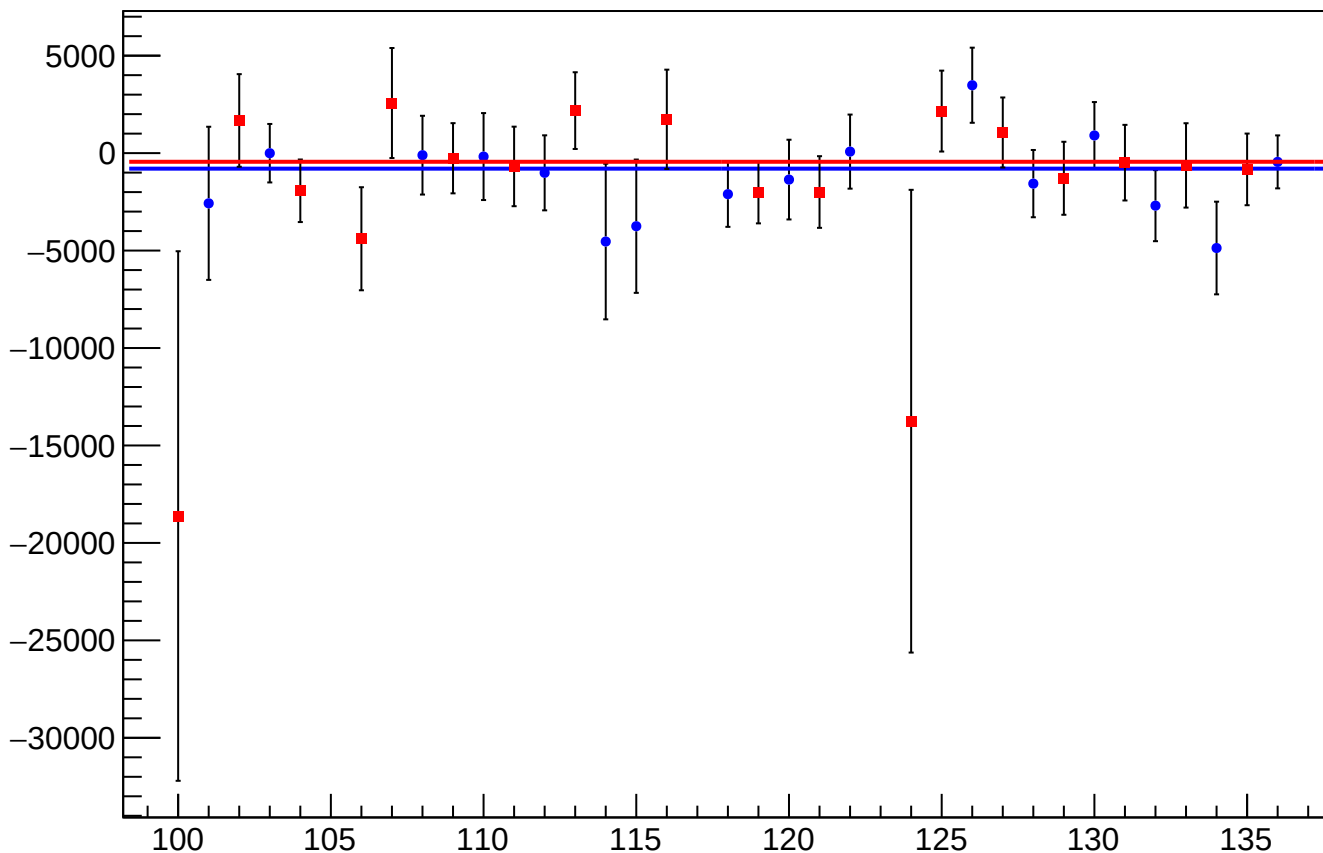
Right: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

In: 376.884+/-0.119 χ^2/NDF :4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

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: -443.872+/-493.581 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

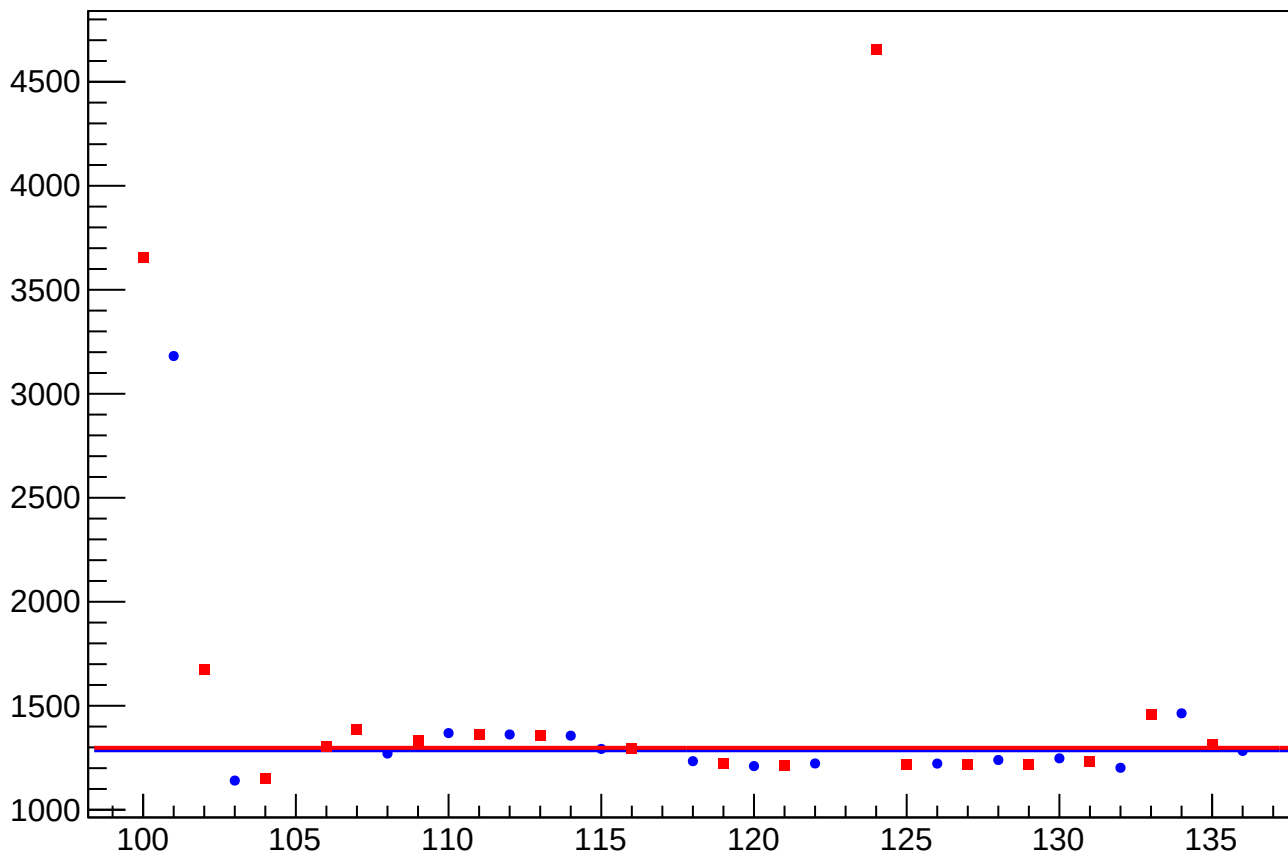
Right: -622.583+/-346.828 χ^2/NDF : 28.5/33

In: -796.883+/-487.454 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -622.583+/-346.828 χ^2/NDF : 28.5/33

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: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

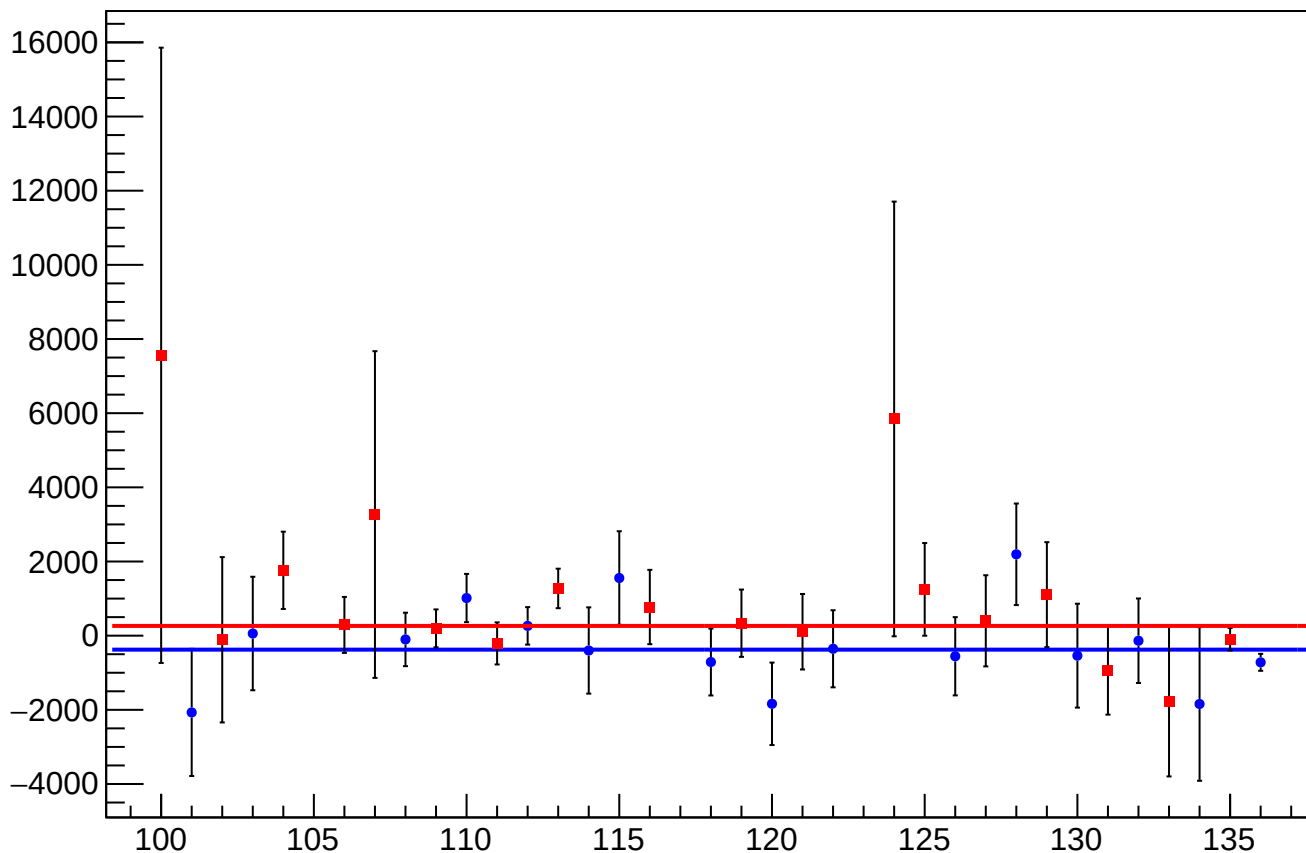
Right: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

In: 1286.097+/-0.345 χ^2/NDF : 518128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.882+/-0.245 χ^2/NDF : 846391.1/33

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: 262.805+/-181.924 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

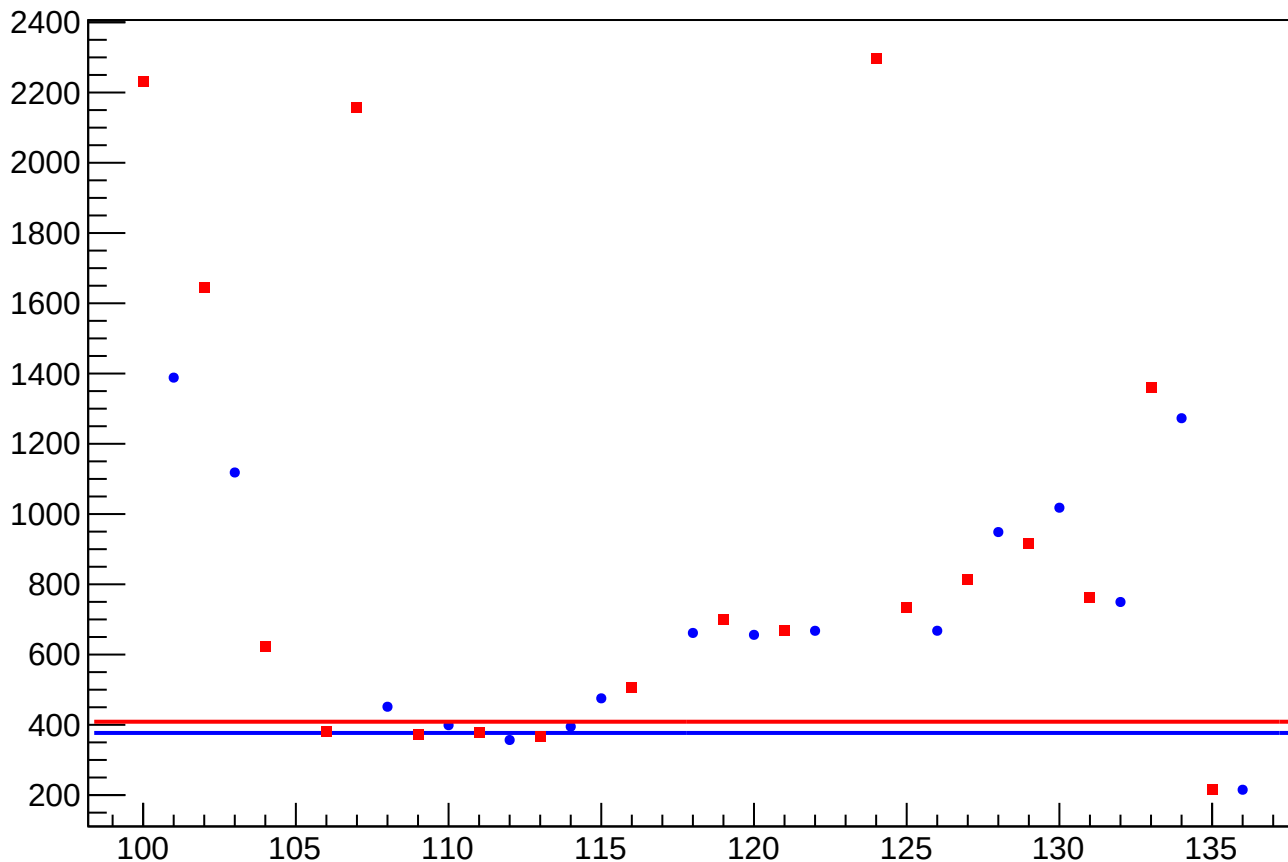
Right: -81.970+/-123.512 χ^2/NDF : 37.8/33

In: -376.771+/-168.223 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.970+/-123.512 χ^2/NDF : 37.8/33

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: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

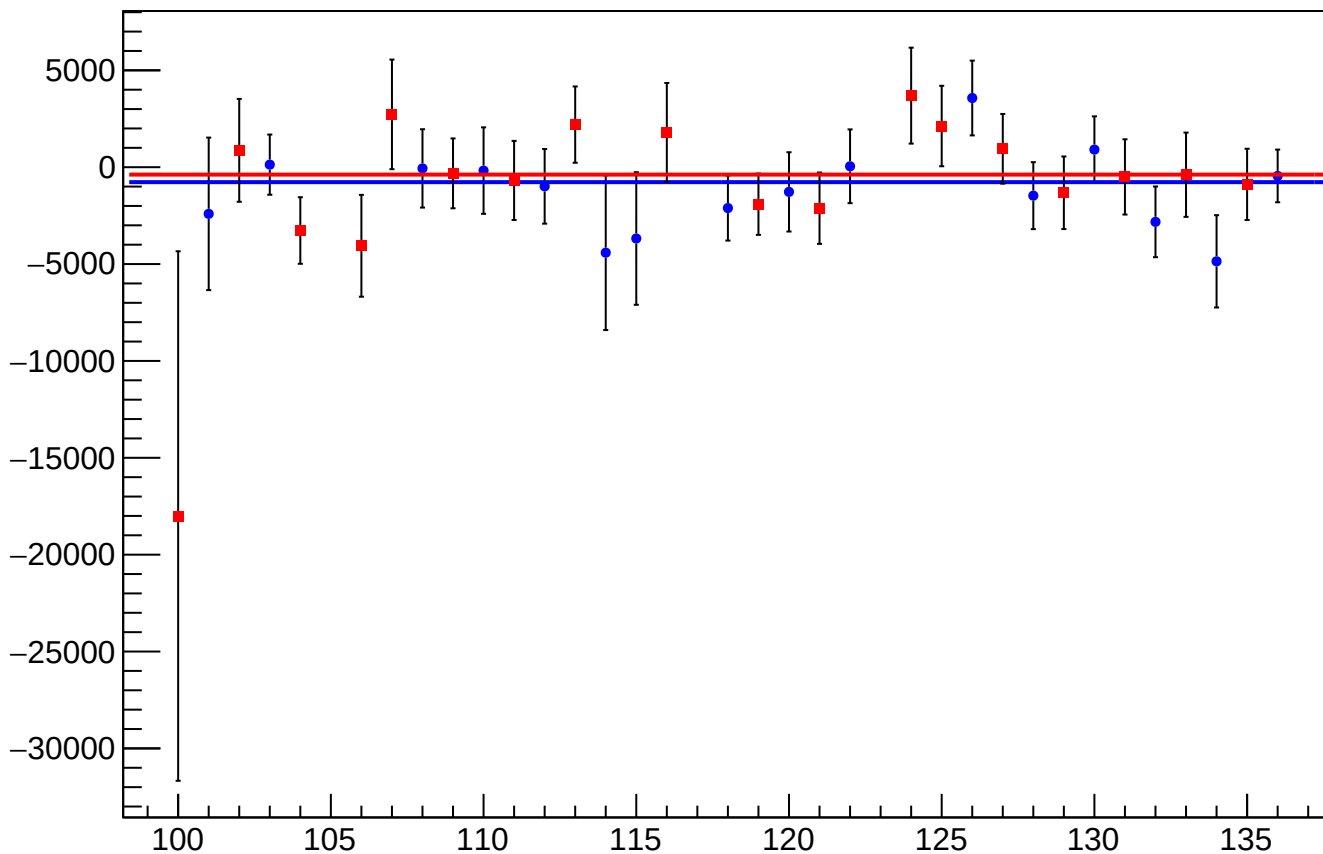
Right: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

In: 376.884+/-0.119 χ^2/NDF : 4193328.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 391.608+/-0.087 χ^2/NDF : 7962874.9/33

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: -382.551+/-489.702 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

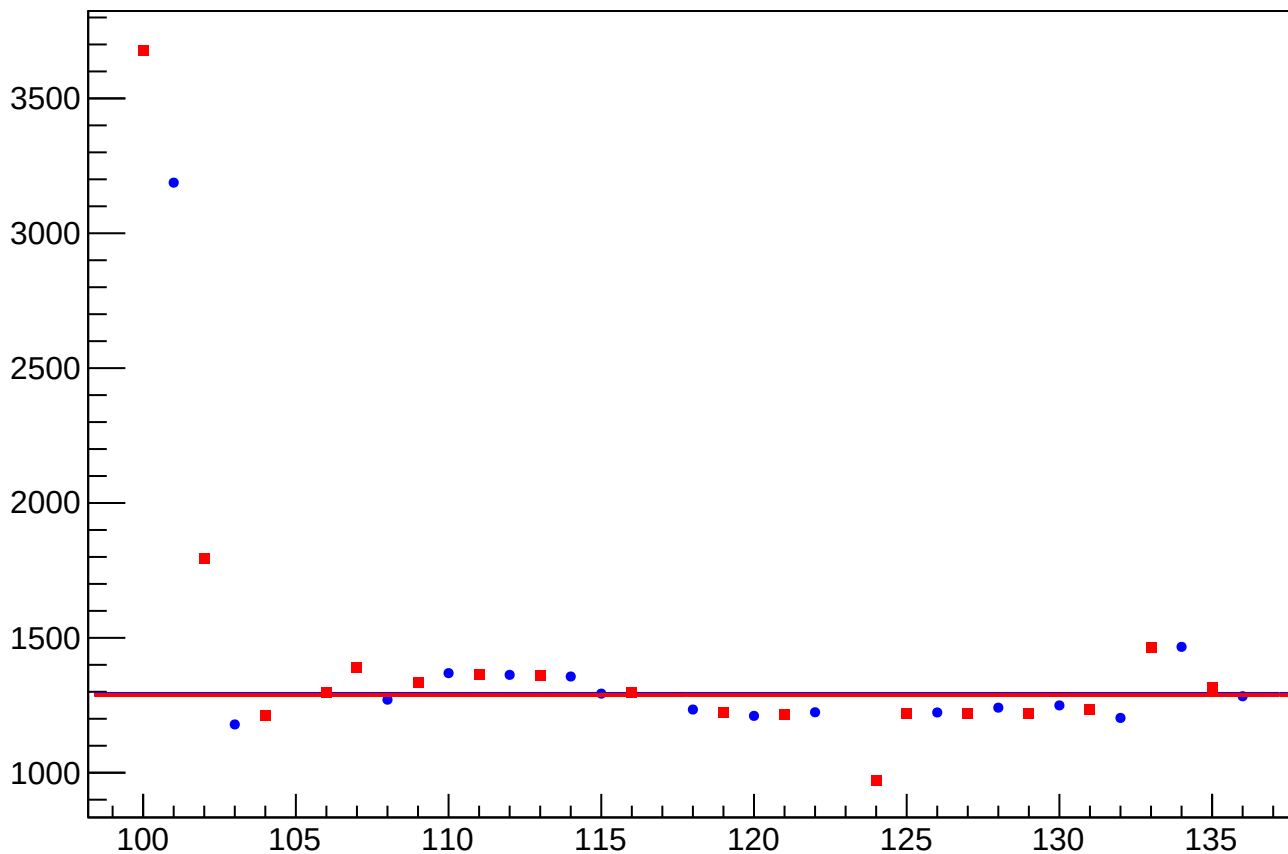
Right: -577.064+/-346.236 χ^2 /NDF: 31.1/33

In: -771.499+/-489.602 χ^2 /NDF:13.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -577.064+/-346.236 χ^2 /NDF: 31.1/33

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: 1288.104+/-0.346 χ^2/NDF : 209204.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

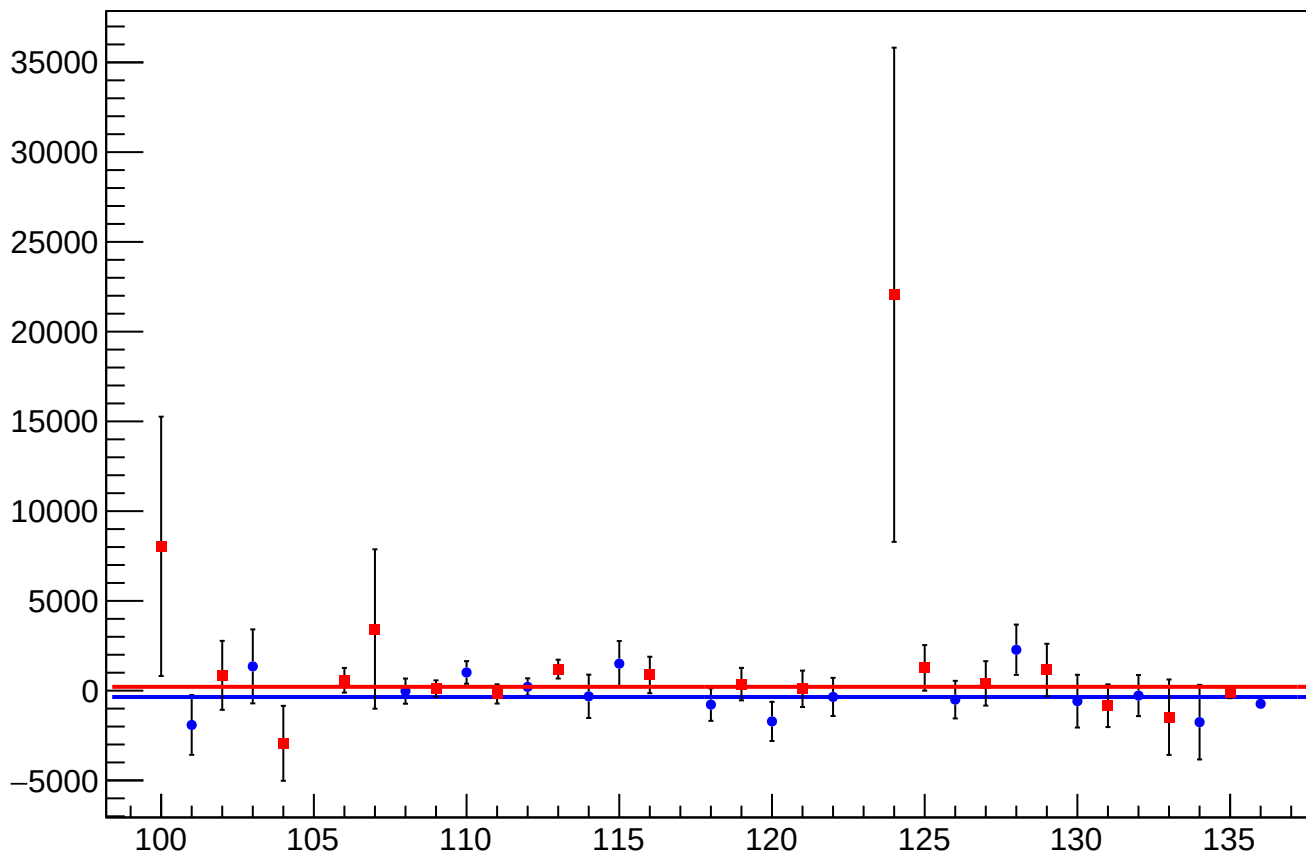
Right: 1290.071+/-0.245 χ^2/NDF : 718675.7/33

In: 1292.038+/-0.346 χ^2/NDF : 509406.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.071+/-0.245 χ^2/NDF : 718675.7/33

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: 212.763 ± 180.728 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

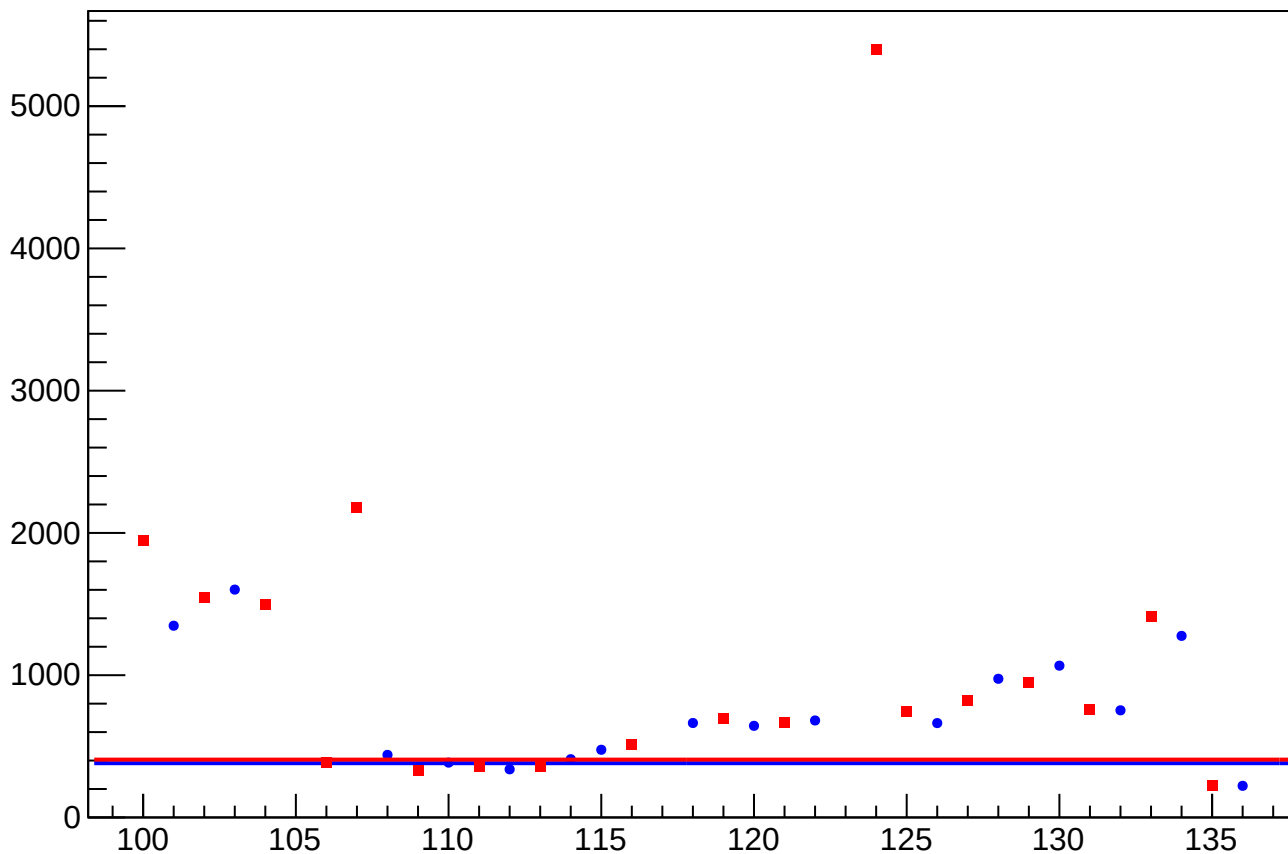
Right: -88.637 ± 123.816 χ^2/NDF : 38.7/33

In: -355.226 ± 169.971 χ^2/NDF : 18.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -88.637 ± 123.816 χ^2/NDF : 38.7/33

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: 406.612+/-0.128 χ^2/NDF : 4311380.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

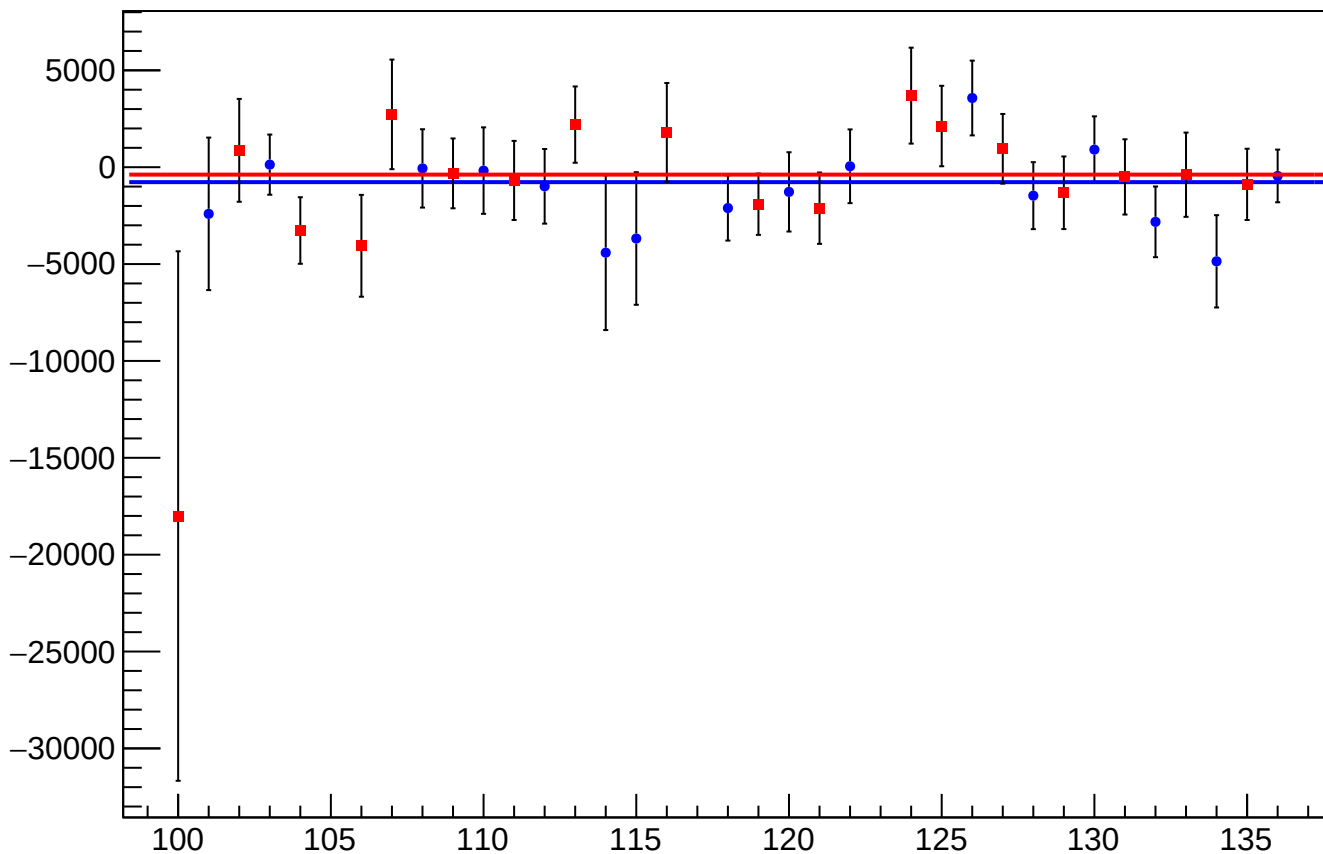
Right: 393.206+/-0.088 χ^2/NDF : 8650039.9/33

In: 381.349+/-0.120 χ^2/NDF : 4317922.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.206+/-0.088 χ^2/NDF : 8650039.9/33

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: -382.553+/-489.702 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

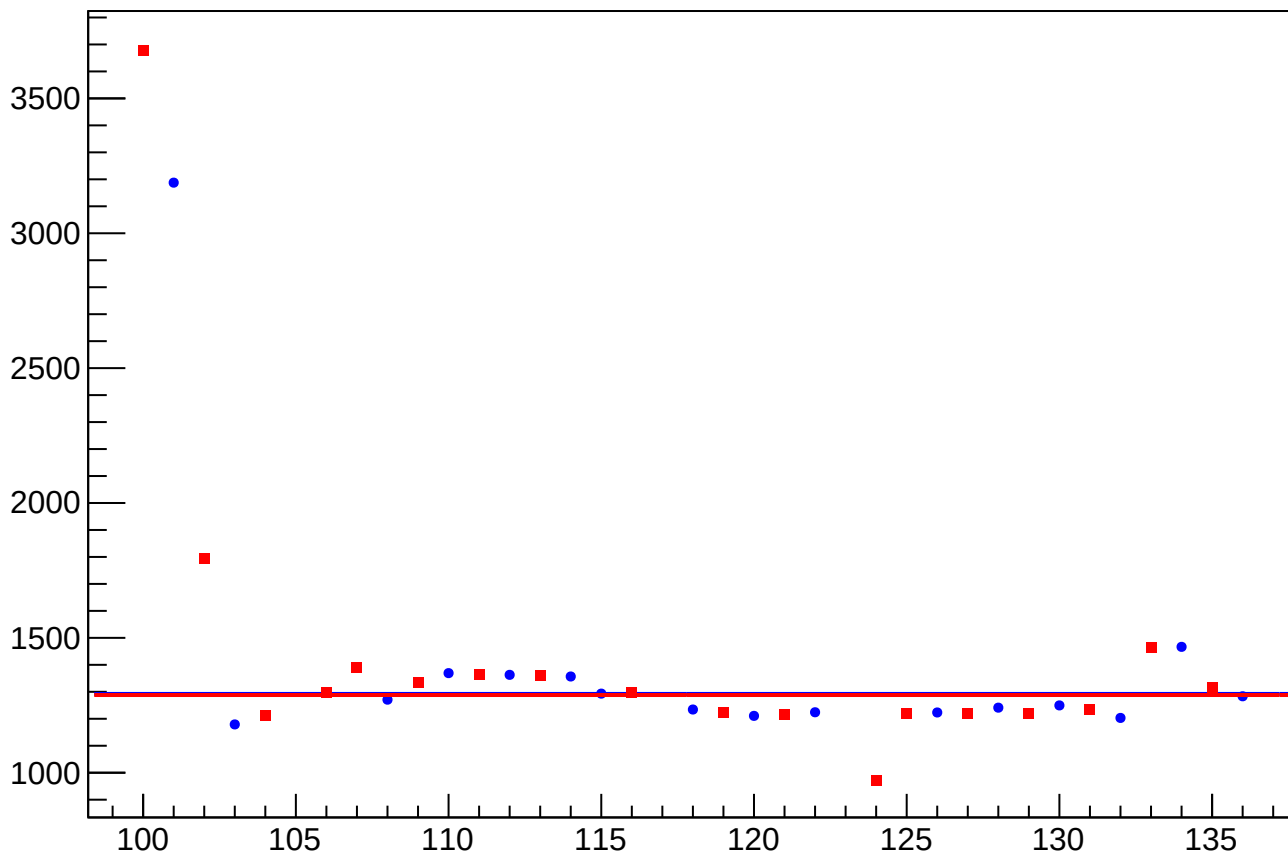
Right: -577.067+/-346.236 χ^2/NDF : 31.1/33

In: -771.501+/-489.602 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -577.067+/-346.236 χ^2/NDF : 31.1/33

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: 1288.104+/-0.346 χ^2/NDF : 209205.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

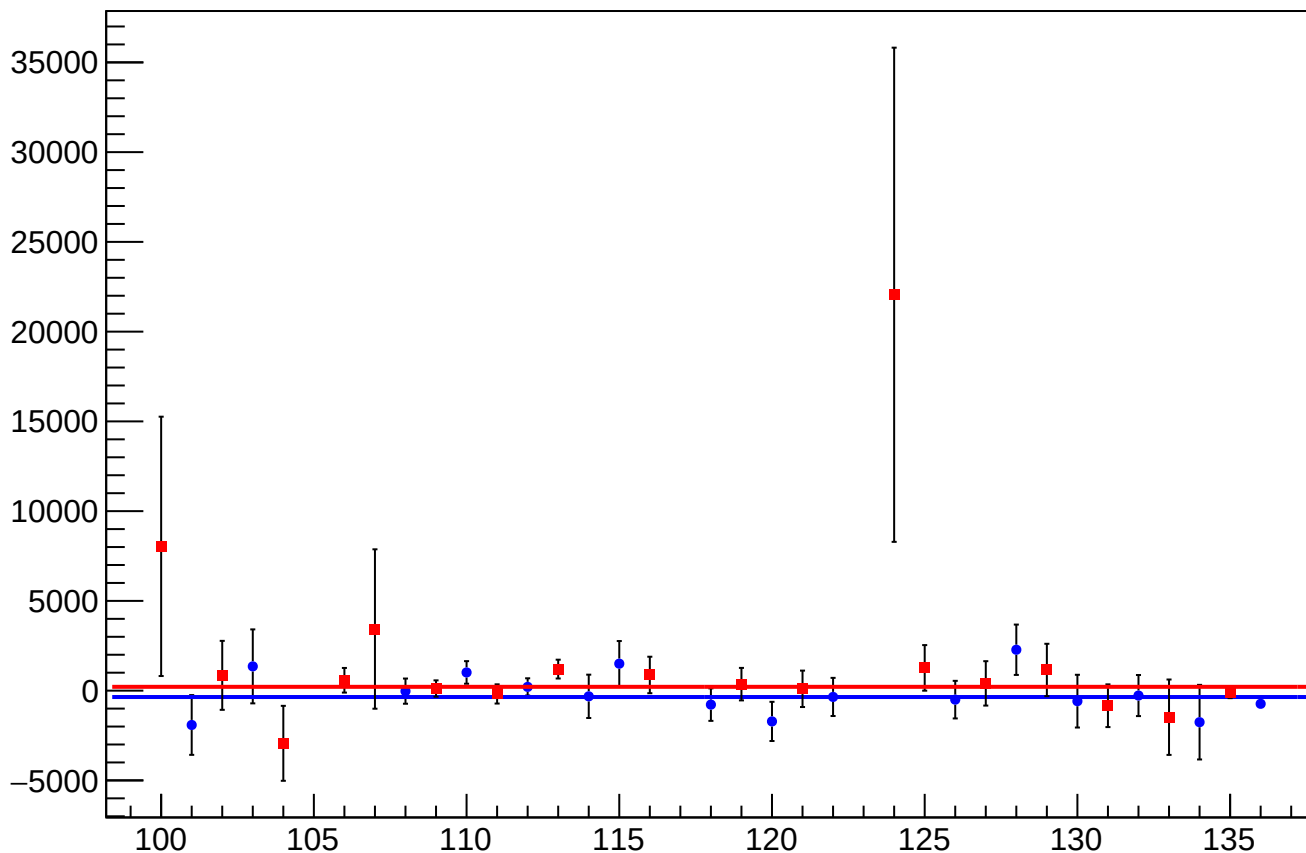
Right: 1290.071+/-0.245 χ^2/NDF : 718676.0/33

In: 1292.038+/-0.346 χ^2/NDF : 509406.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1290.071+/-0.245 χ^2/NDF : 718676.0/33

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: 212.765+/-180.730 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

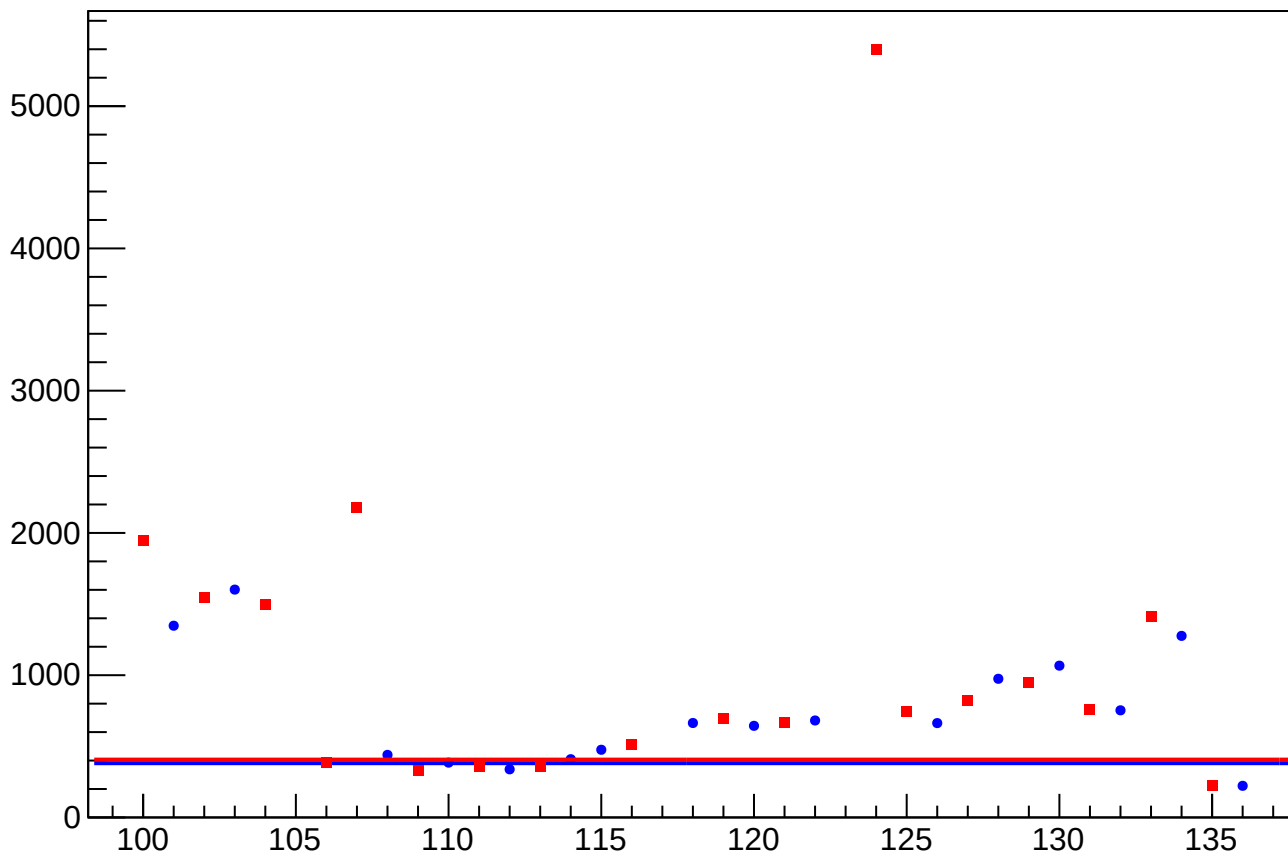
Right: -88.634+/-123.817 χ^2/NDF : 38.7/33

In: -355.226+/-169.973 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.634+/-123.817 χ^2/NDF : 38.7/33

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: 406.618+/-0.128 χ^2/NDF : 4311261.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

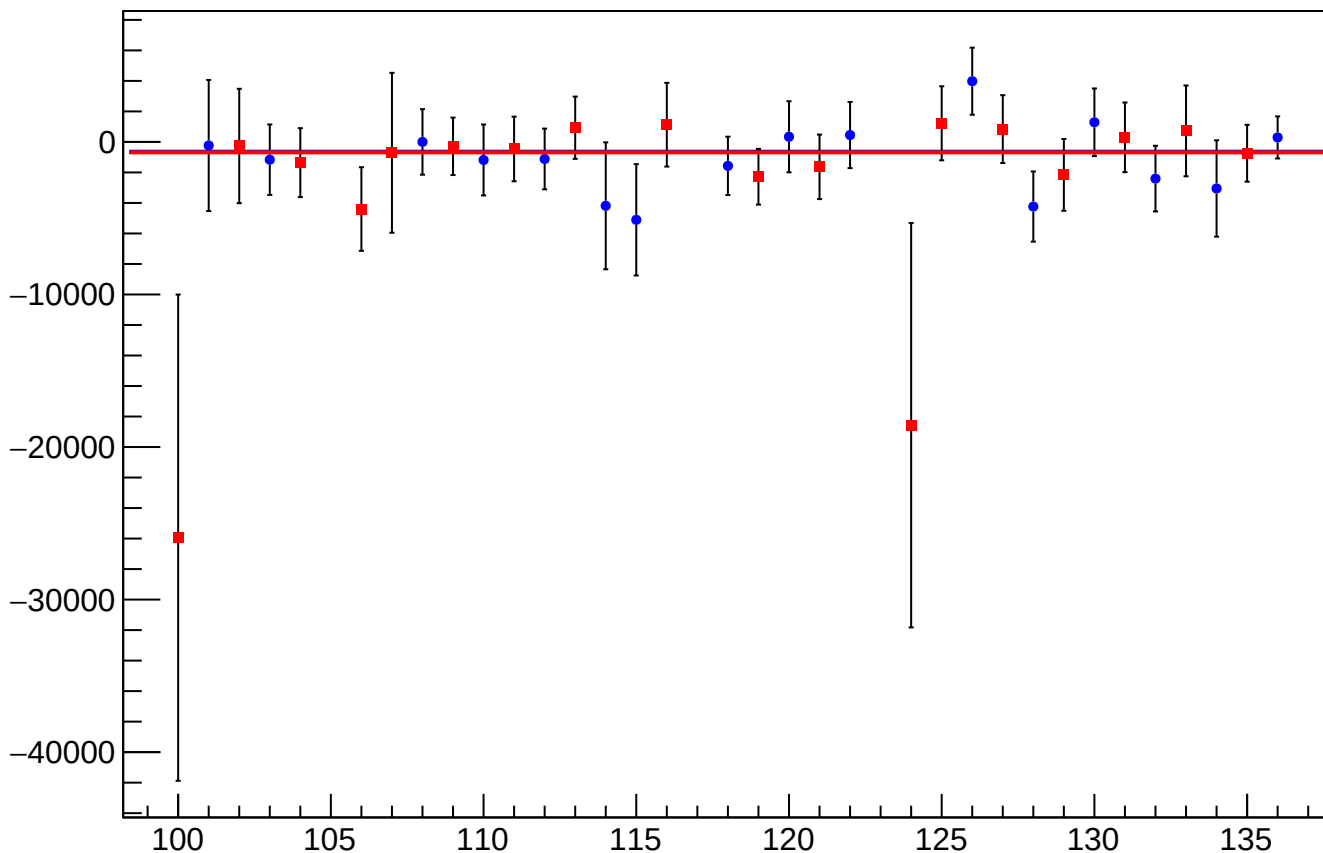
Right: 393.215+/-0.088 χ^2/NDF : 8649729.1/33

In: 381.359+/-0.120 χ^2/NDF : 4317737.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.215+/-0.088 χ^2/NDF : 8649729.1/33

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: -684.670+/-578.002 χ^2/NDF : 10.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

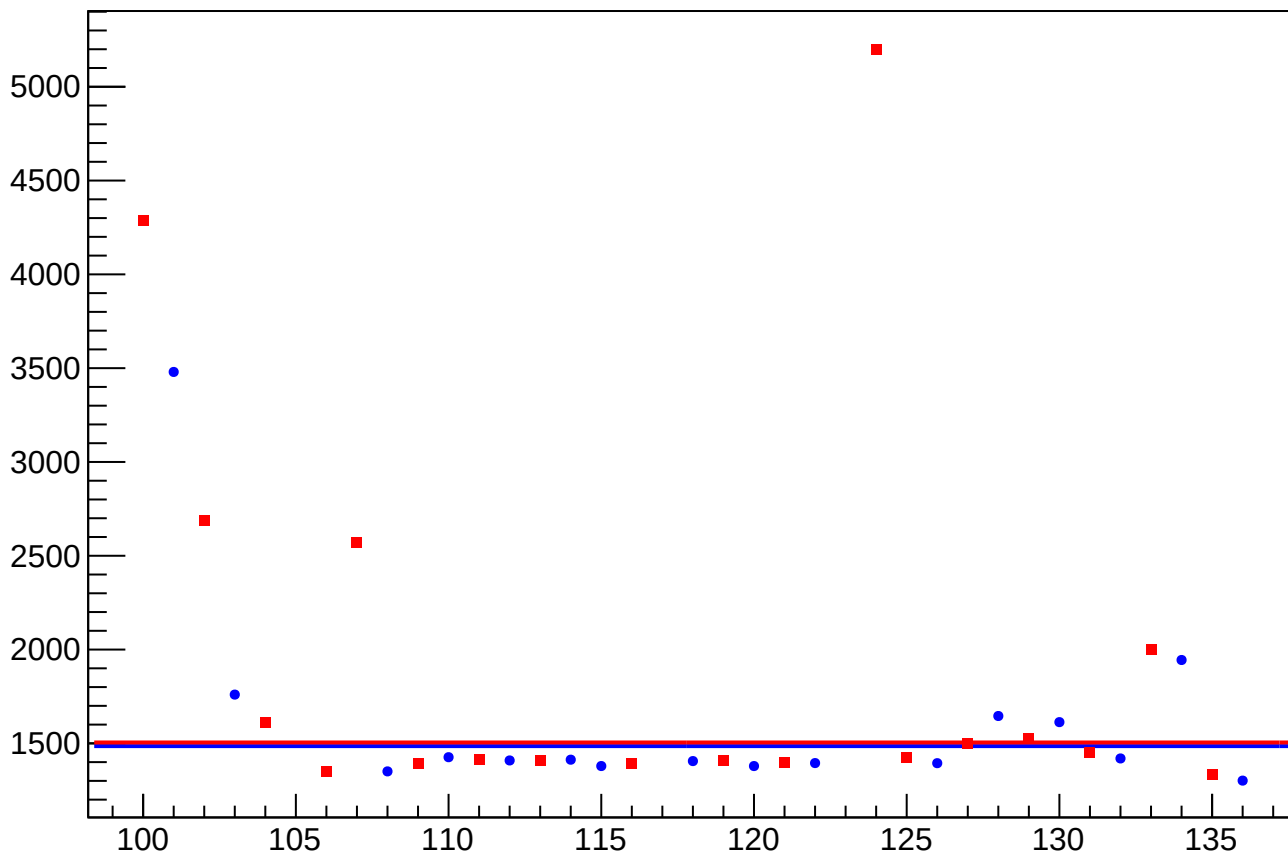
Right: -662.224+/-403.802 χ^2/NDF : 22.7/33

In: -640.824+/-564.366 χ^2/NDF : 12.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -662.224+/-403.802 χ^2/NDF : 22.7/33

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: 1504.717+/-0.409 χ^2/NDF : 613699.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

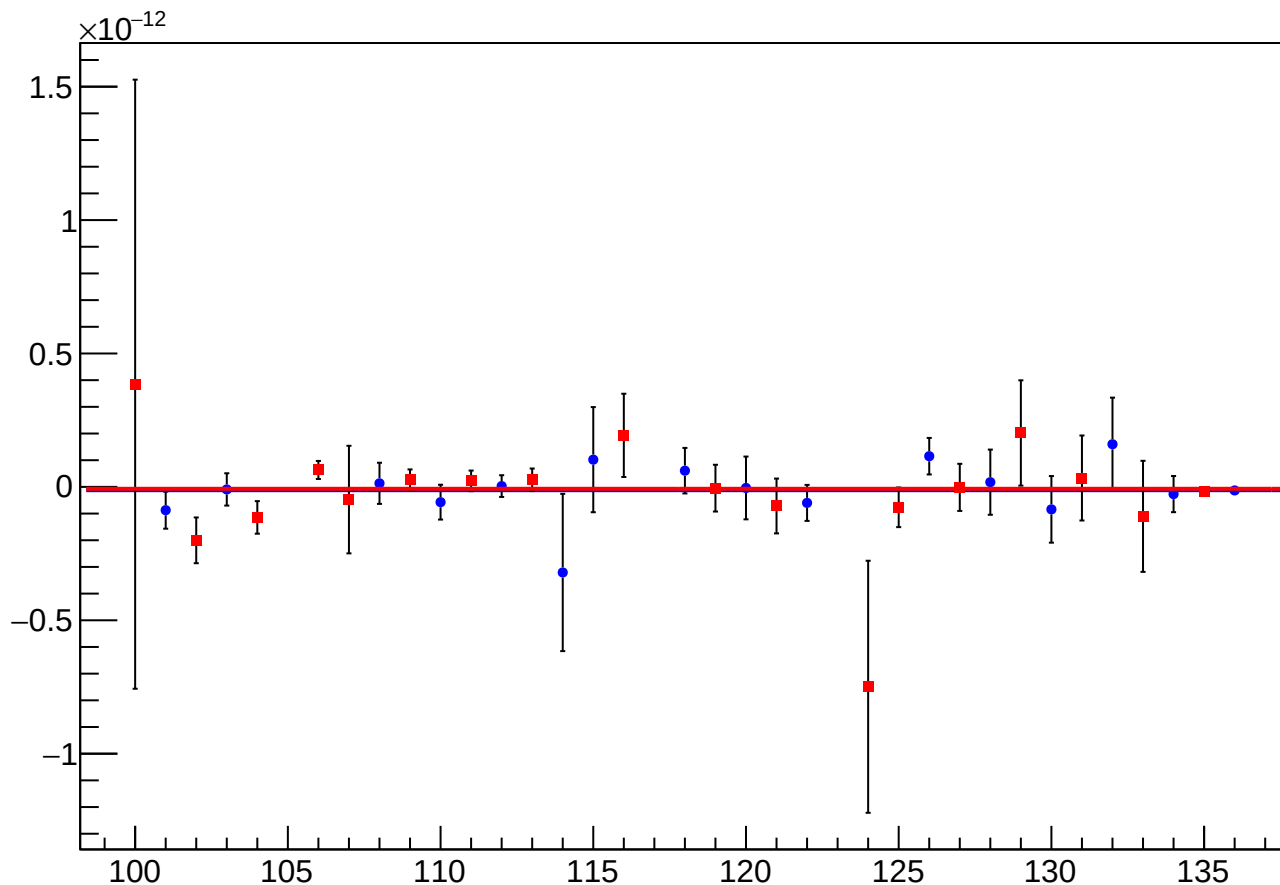
Right: 1494.813+/-0.286 χ^2/NDF : 1199316.8/33

In: 1485.370+/-0.399 χ^2/NDF : 584470.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.813+/-0.286 χ^2/NDF : 1199316.8/33

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 : 22.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

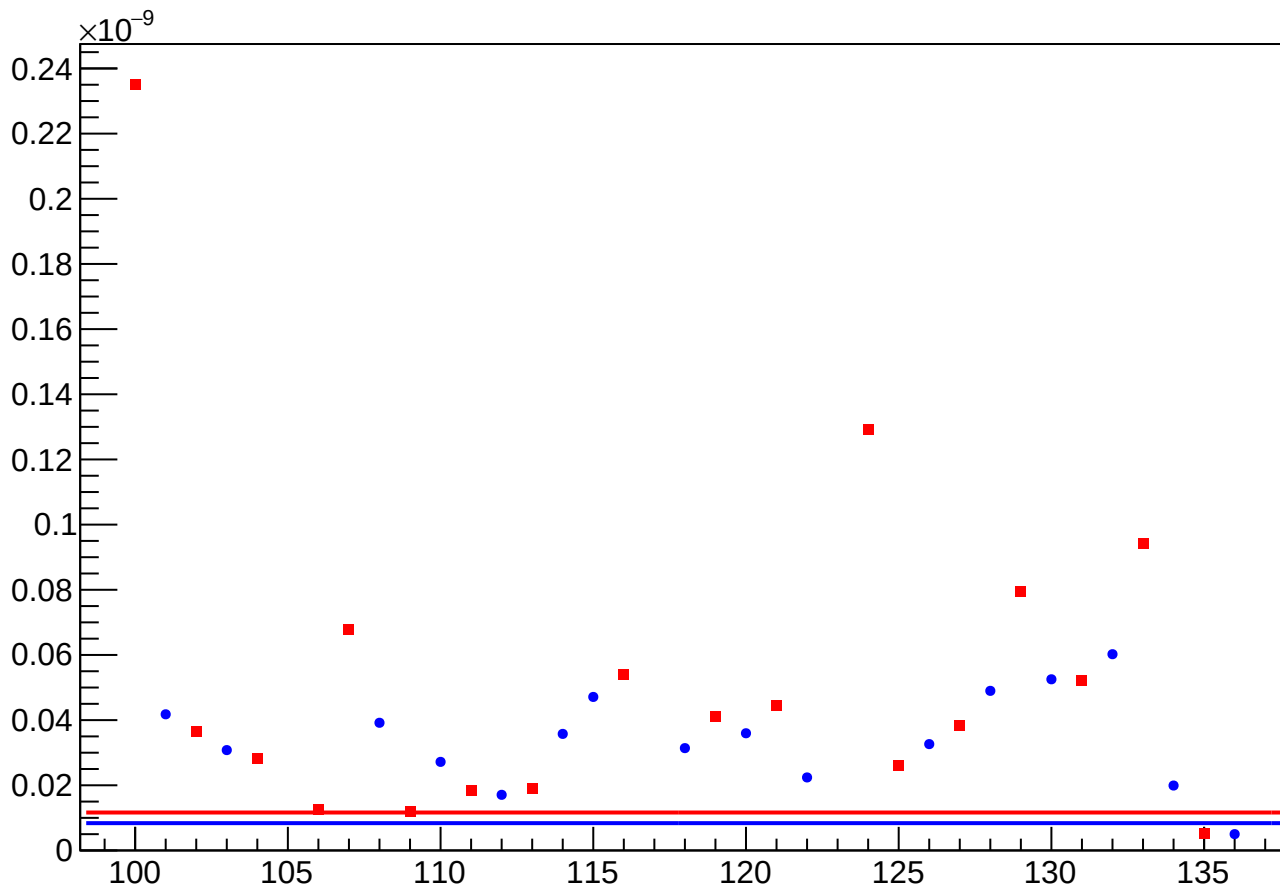
Right: -0.000 ± 0.000 χ^2/NDF : 31.7/33

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 : 31.7/33

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 : 2816185.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

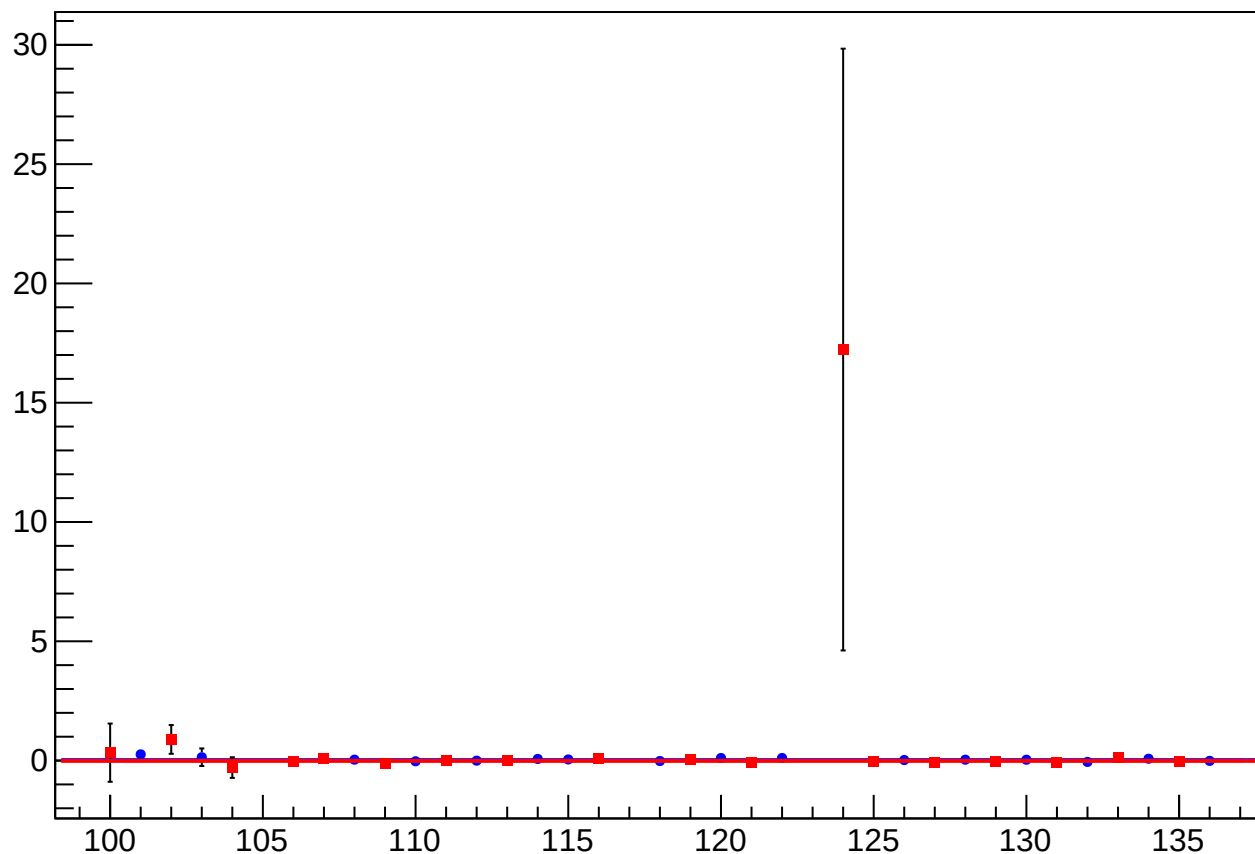
Right: 0.000+/-0.000 χ^2/NDF : 6013457.6/33

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 : 6013457.6/33

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: -0.012+/-0.016 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

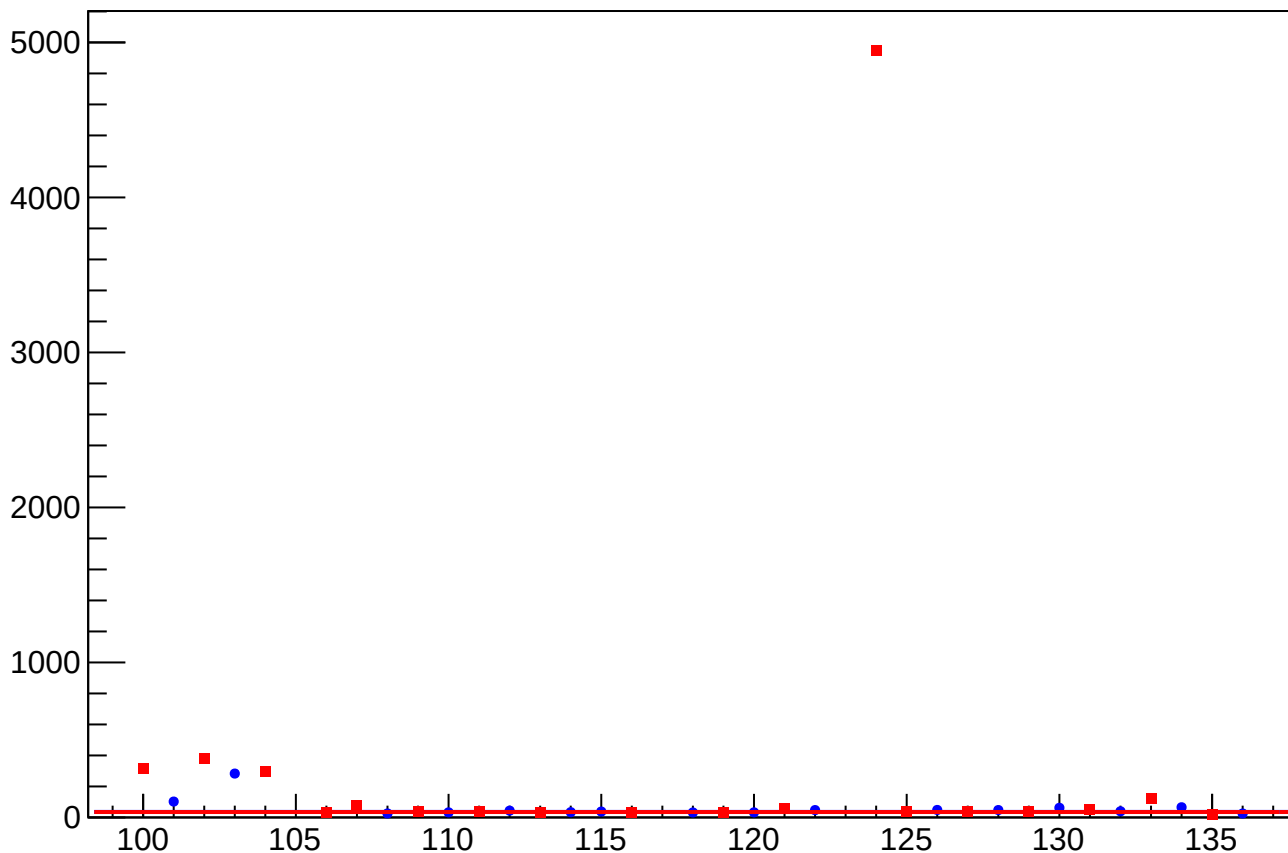
Right: 0.003+/-0.011 χ^2/NDF : 29.1/33

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 29.1/33

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: 35.026 $\pm$ 0.011 χ^2 /NDF: 2905561.0/17

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

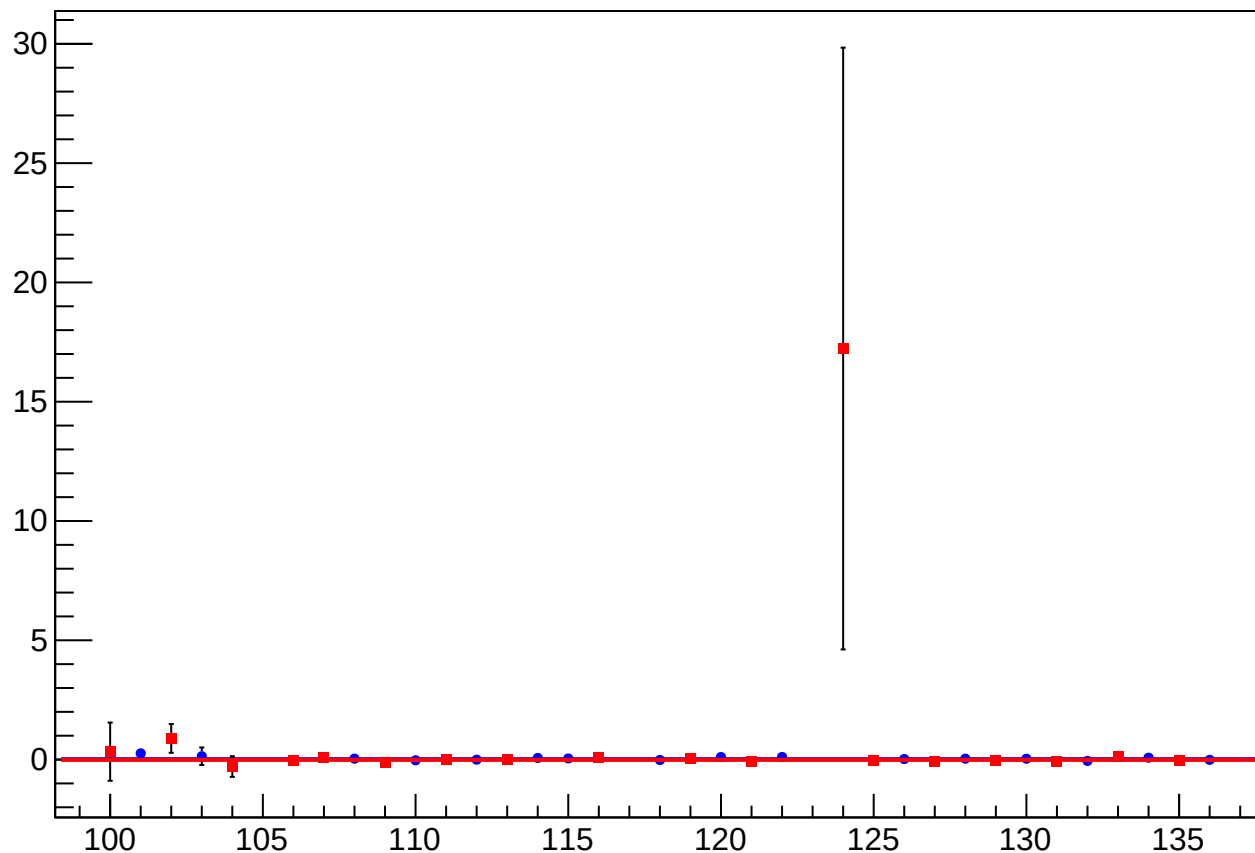
Right: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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: -0.012+/-0.016 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

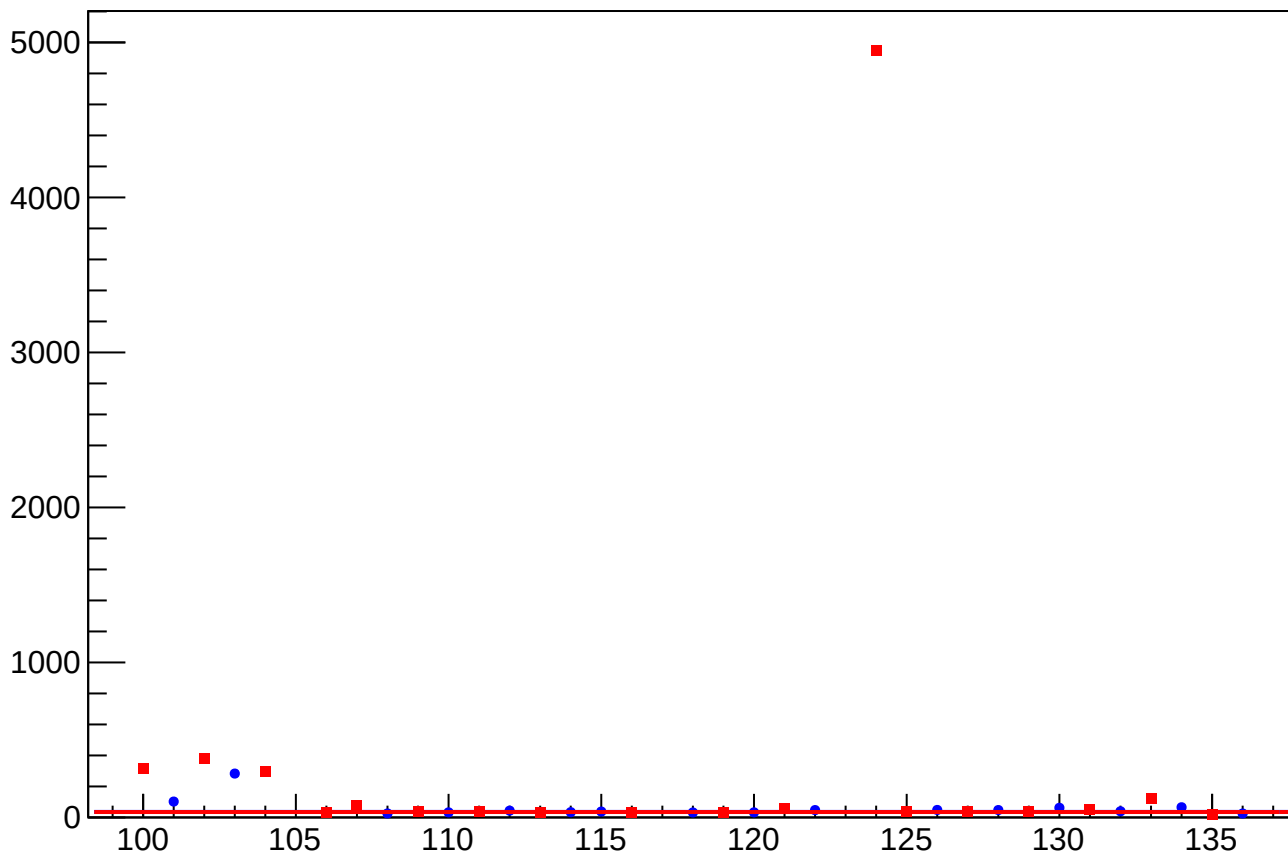
Right: 0.003+/-0.011 χ^2/NDF : 29.1/33

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 29.1/33

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: 35.026 $\pm$ 0.011 χ^2 /NDF: 2905561.0/17

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

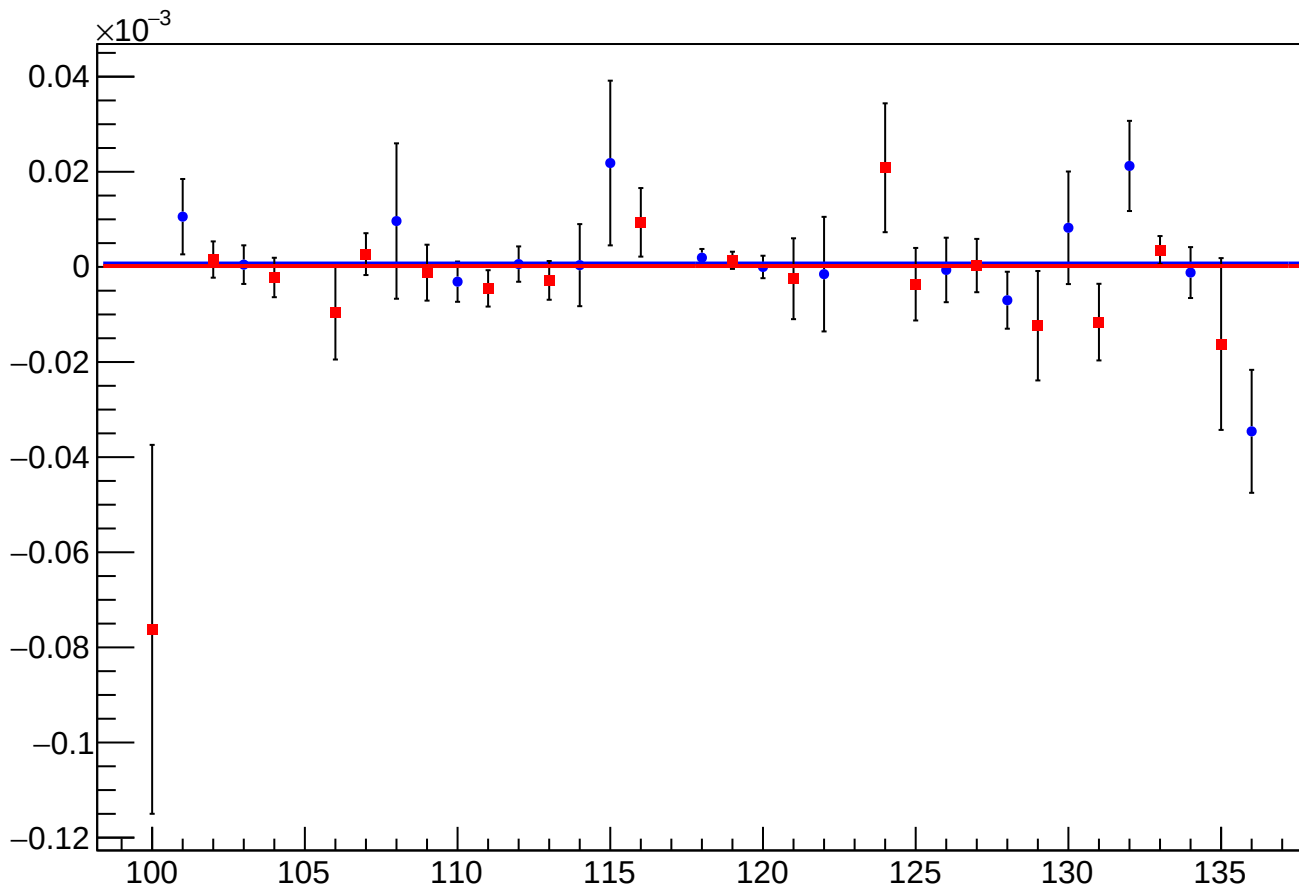
Right: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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: 35.397 $\pm$ 0.008 χ^2 /NDF: 5172421.5/33

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 : 18.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

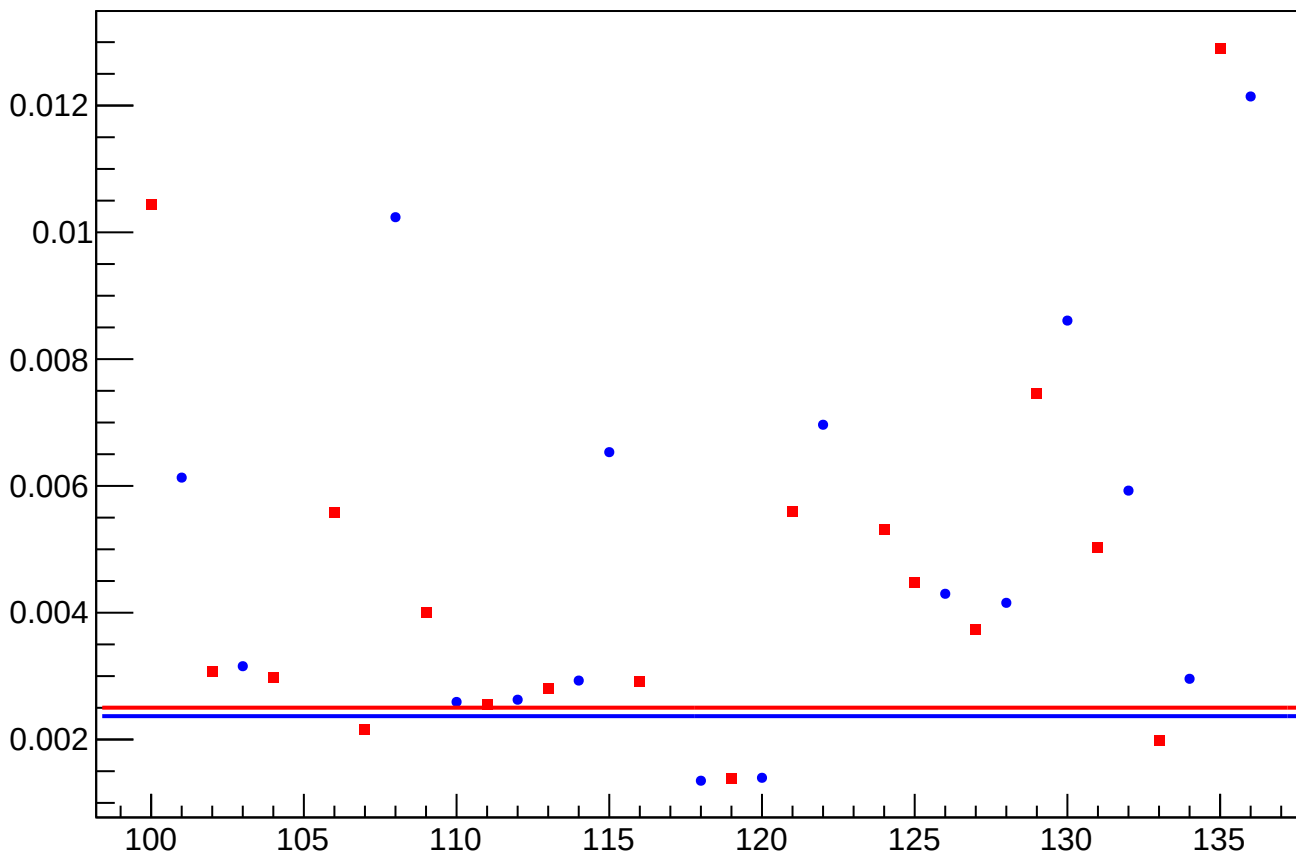
Right: 0.000+/-0.000 χ^2/NDF : 37.2/33

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 : 37.2/33

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 : 3146277.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

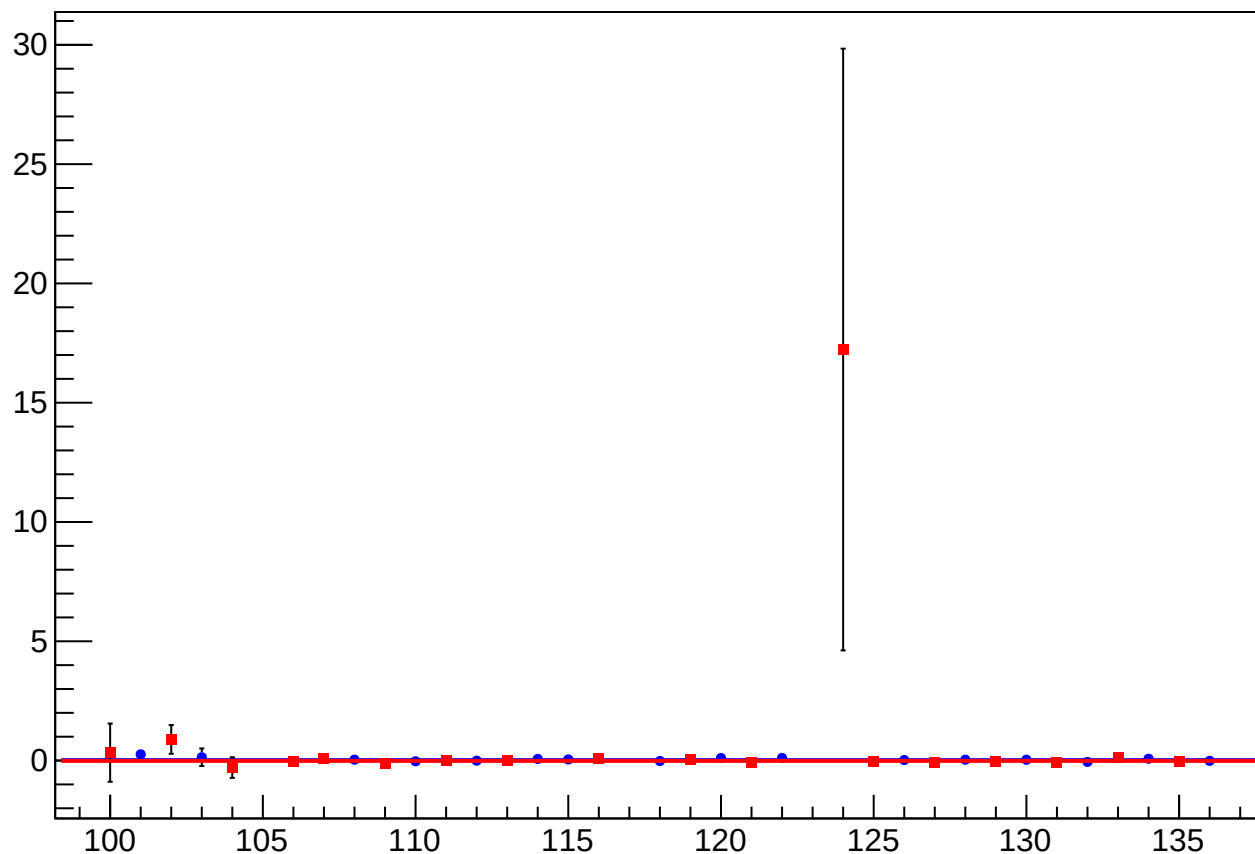
Right: 0.002+/-0.000 χ^2/NDF : 7883085.8/33

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 : 7883085.8/33

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_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: -0.012 $\pm$ 0.016 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

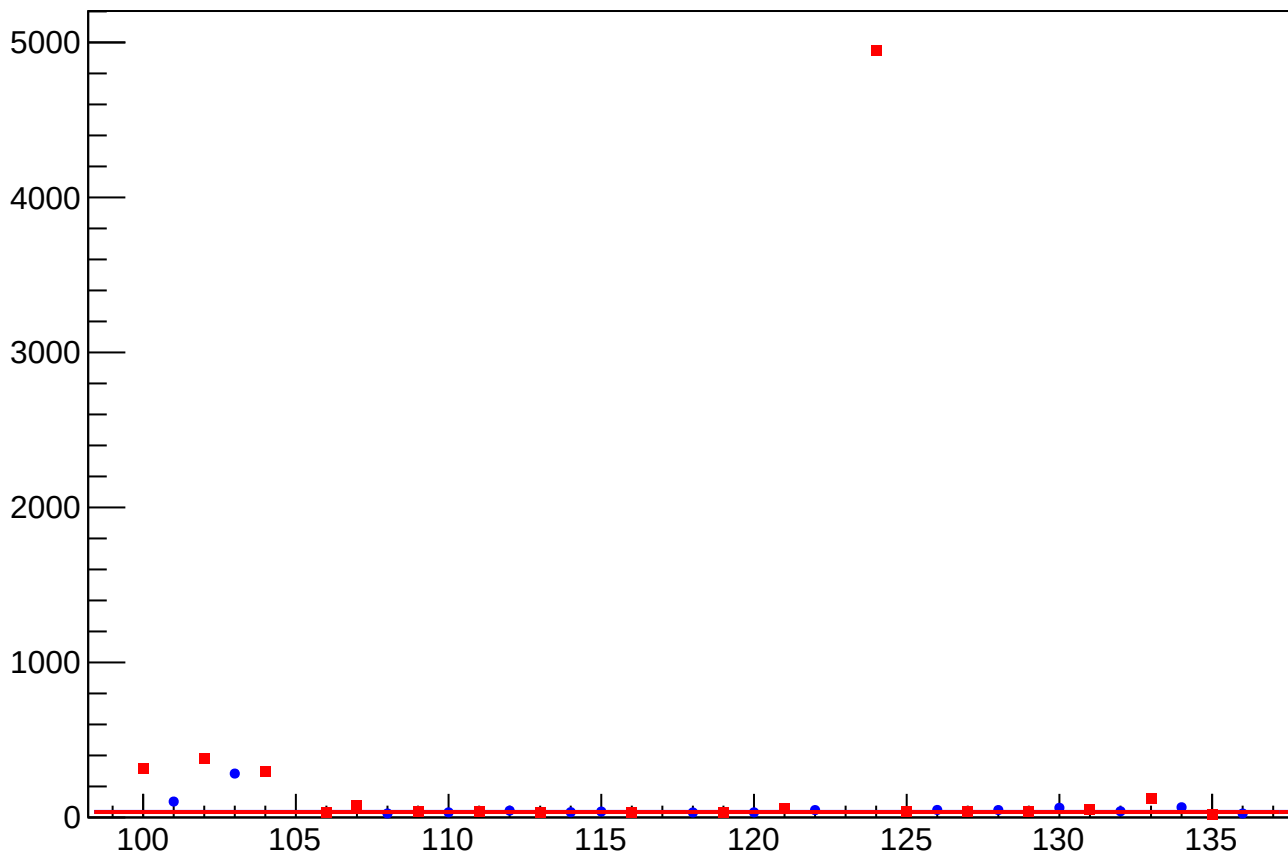
Right: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 0.003 $\pm$ 0.011 χ^2 /NDF: 29.1/33

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: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

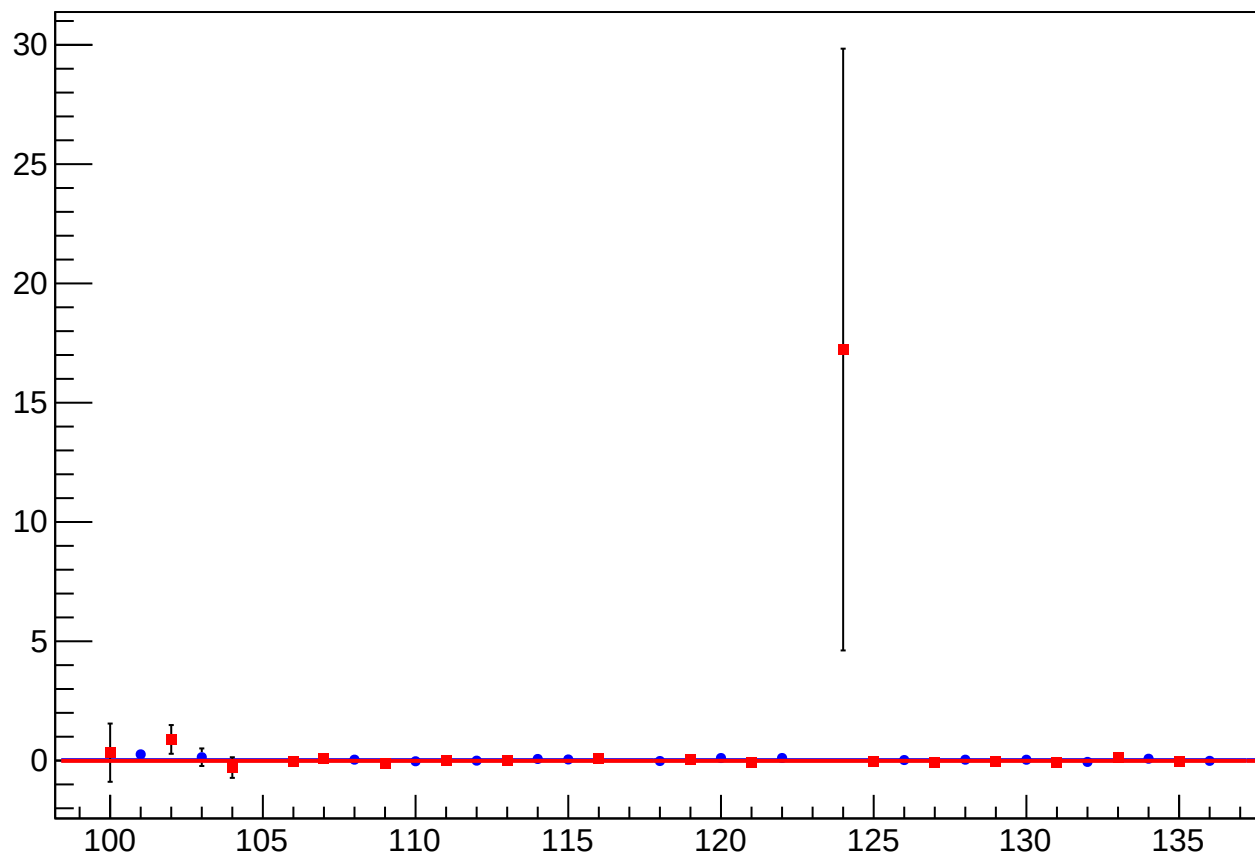
Right: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

asym_atl1r2_dd_atl2r1_dd_avg_eigen_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: -0.012+/-0.016 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

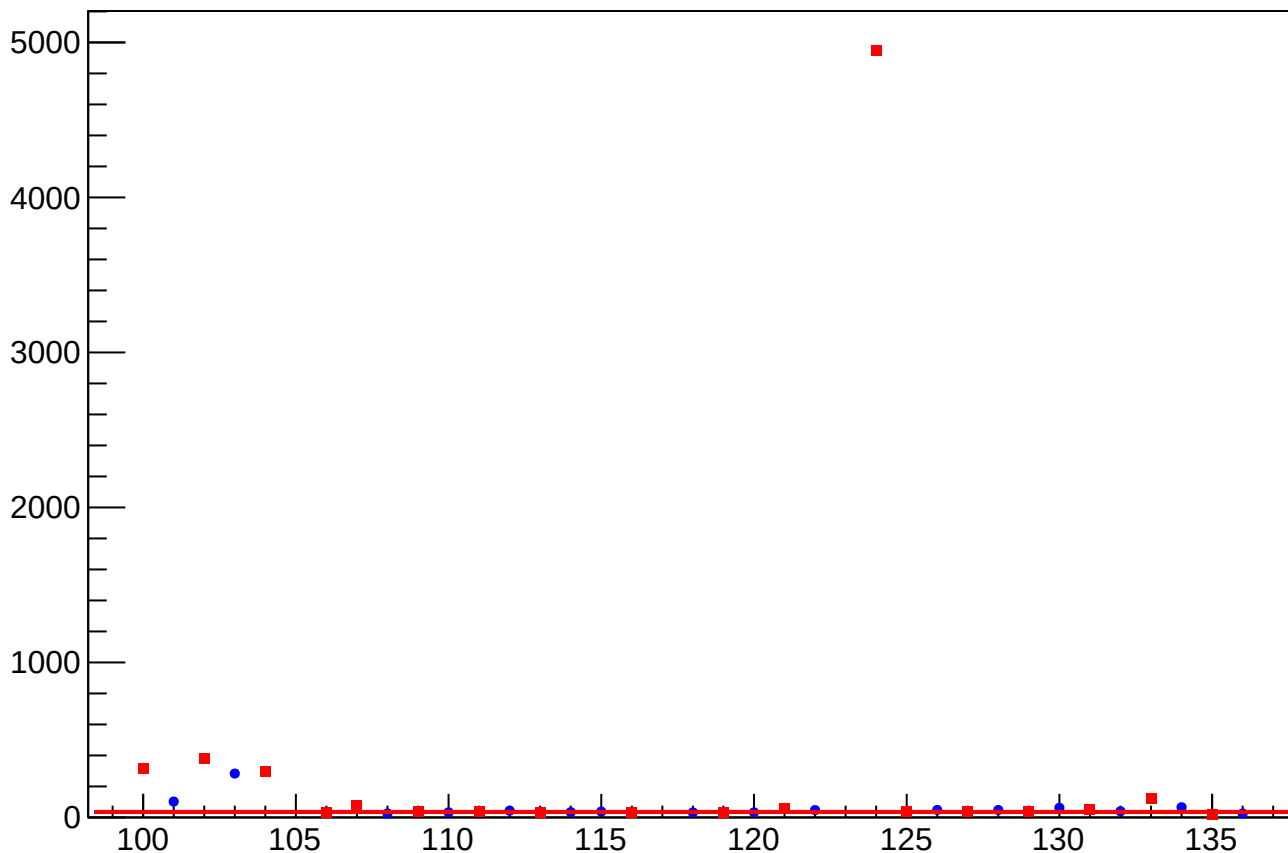
Right: 0.003+/-0.011 χ^2/NDF : 29.1/33

In: 0.017+/-0.015 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.011 χ^2/NDF : 29.1/33

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: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

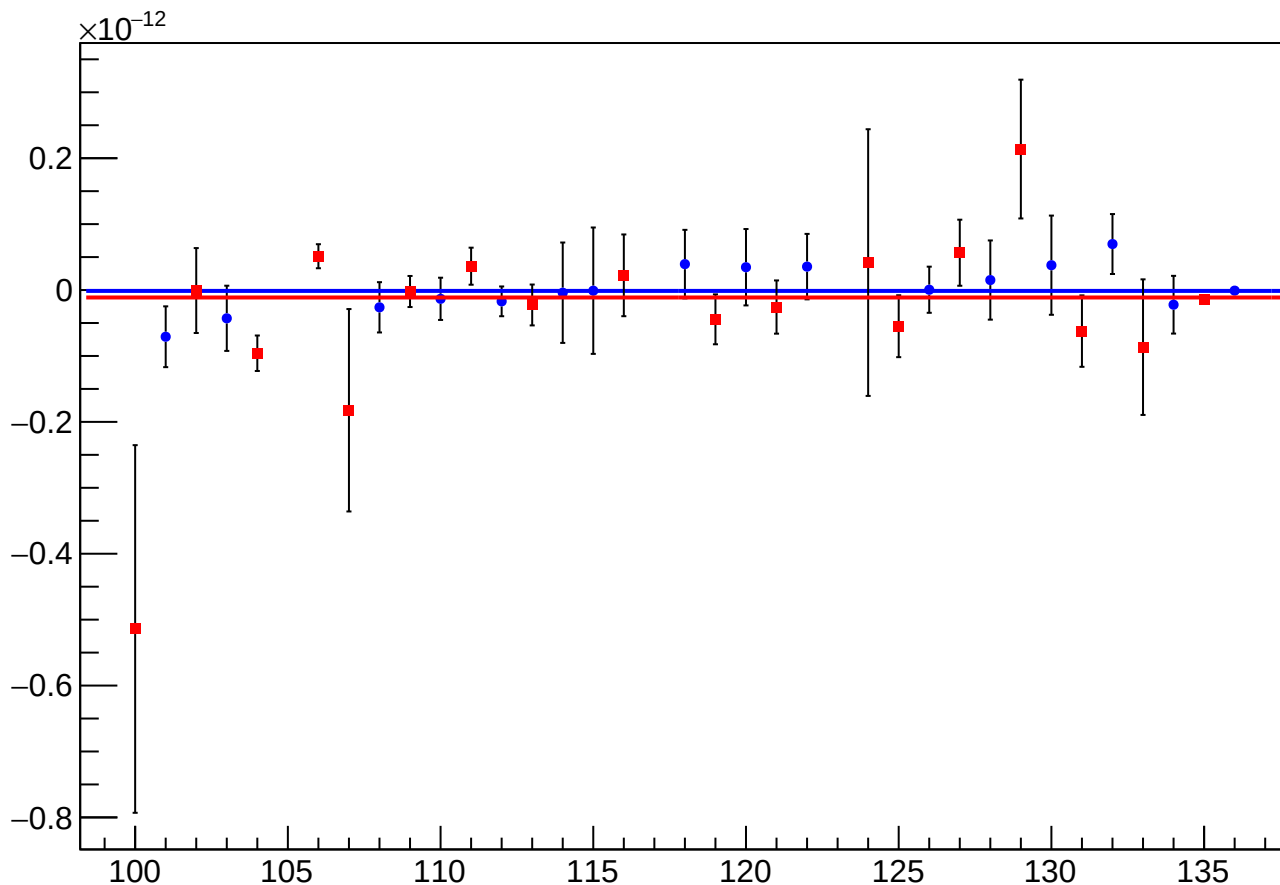
Right: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

In: 35.743+/-0.011 χ^2/NDF : 2264513.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.398+/-0.008 χ^2/NDF : 5171977.7/33

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 : 39.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

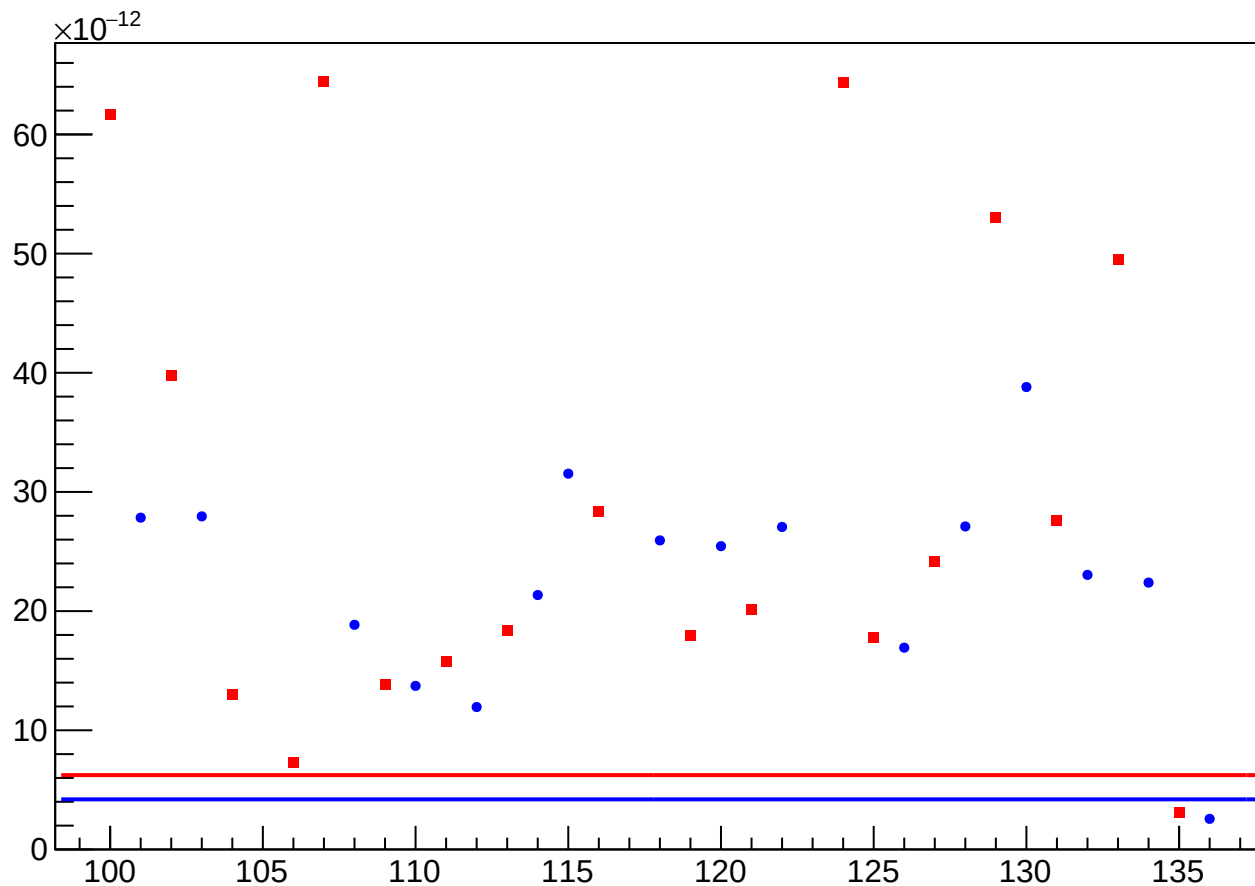
Right: -0.000+/-0.000 χ^2/NDF : 51.3/33

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 : 51.3/33

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 : 4789950.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

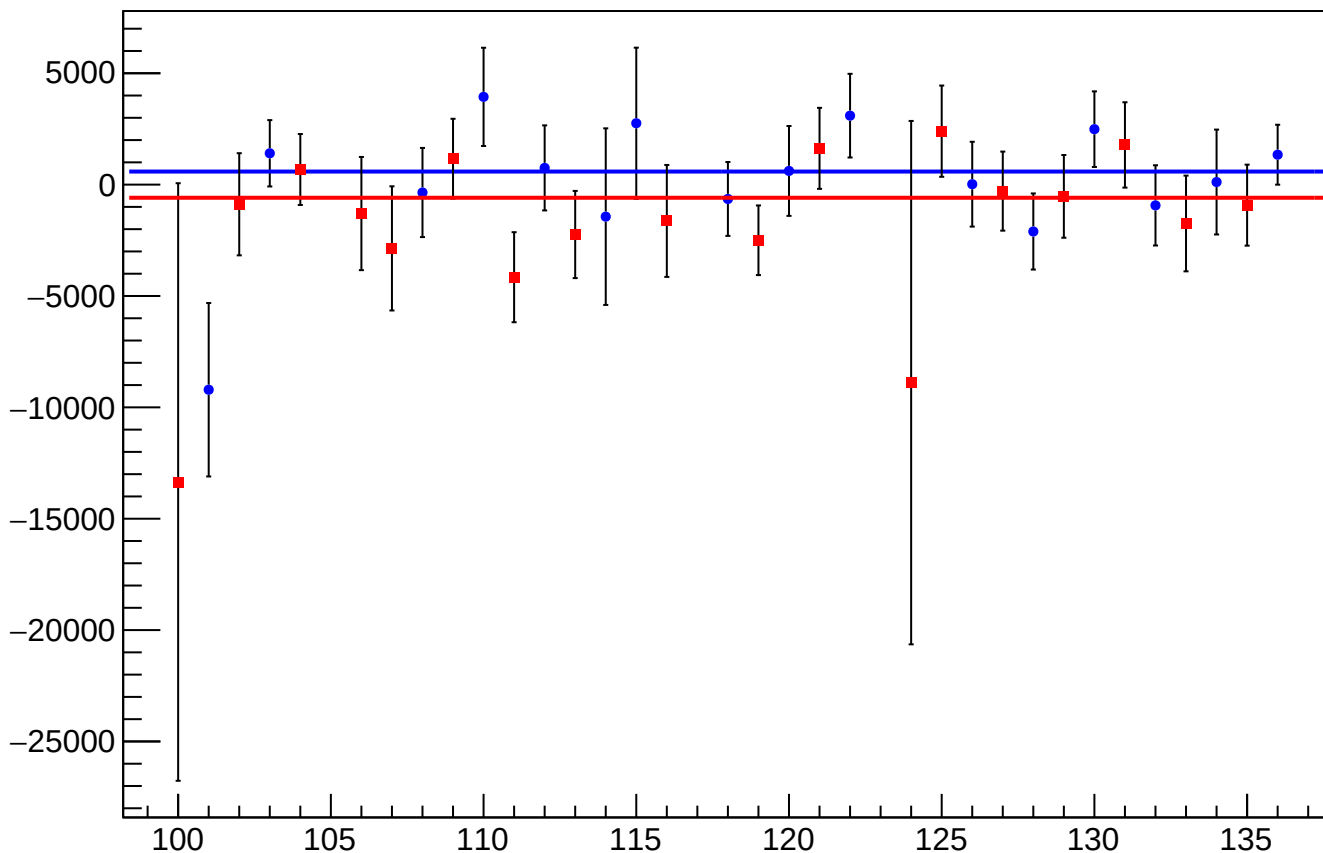
Right: 0.000+/-0.000 χ^2/NDF : 10124110.4/33

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 : 10124110.4/33

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: -589.760+/-487.668 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

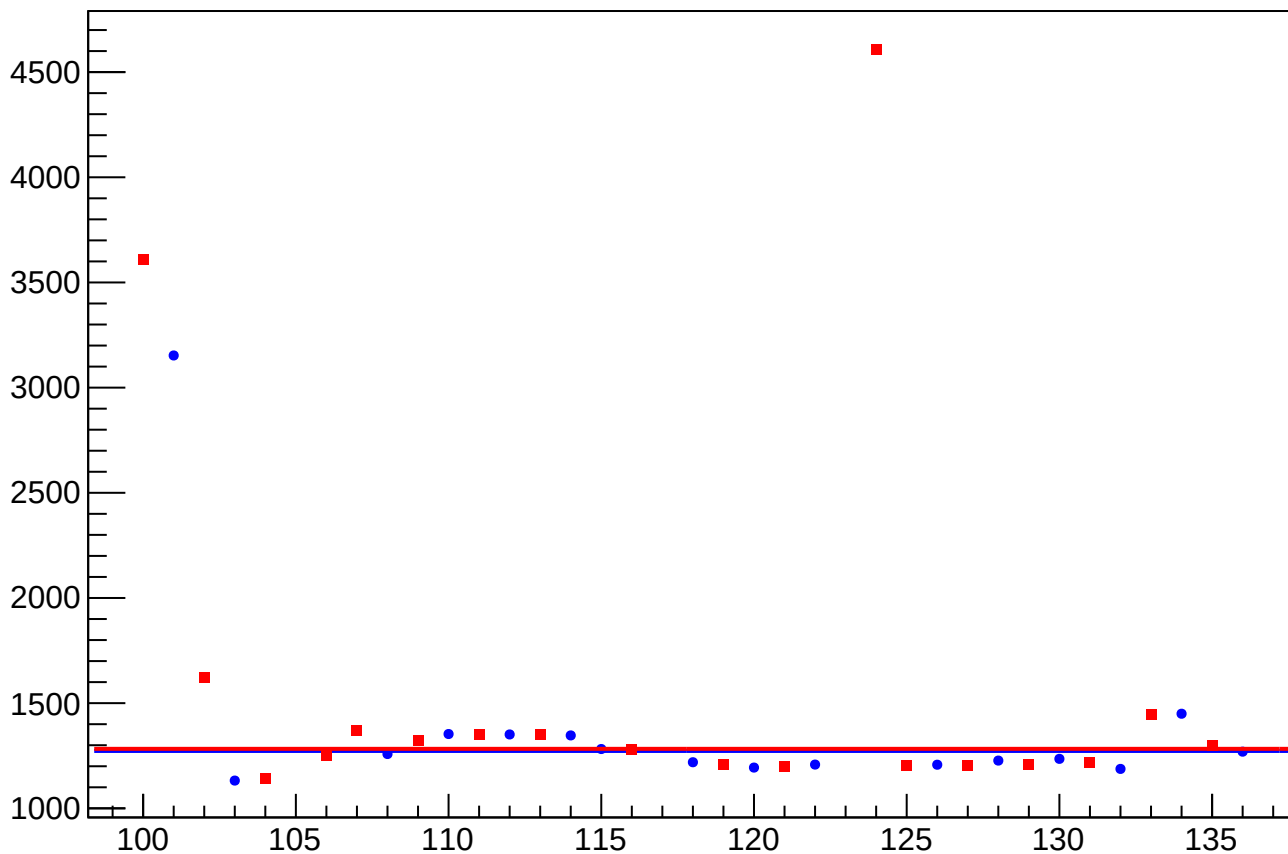
Right: 4.936+/-342.968 χ^2/NDF : 34.8/33

In: 586.935+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.936+/-342.968 χ^2/NDF : 34.8/33

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: 1282.812+/-0.345 χ^2/NDF : 322021.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

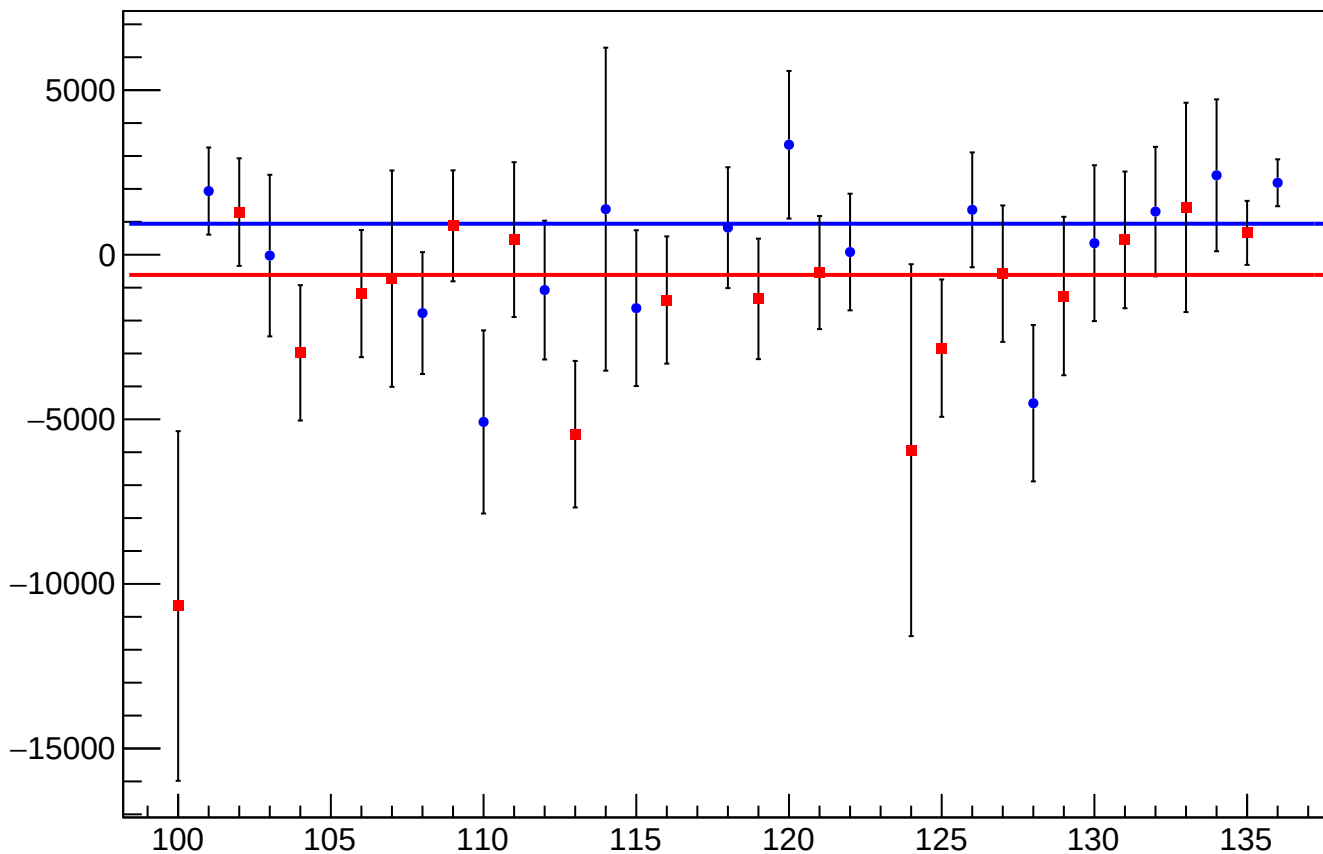
Right: 1277.754+/-0.243 χ^2/NDF : 841744.8/33

In: 1272.804+/-0.341 χ^2/NDF : 519298.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1277.754+/-0.243 χ^2/NDF : 841744.8/33

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: 941.759 $\pm$ 425.837 χ^2 /NDF: 19.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -612.813 $\pm$ 461.207 χ^2 /NDF: 16.9/17

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

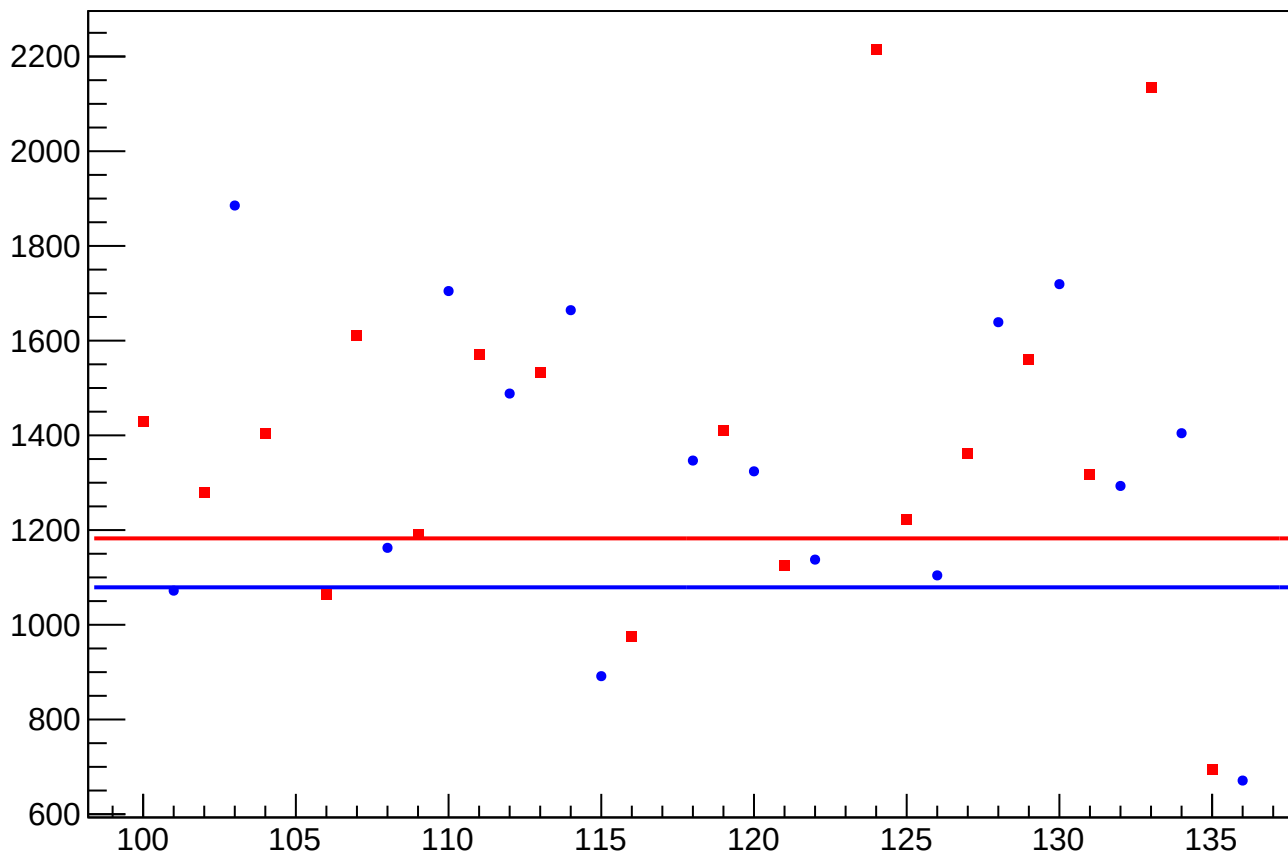
Right: 226.363 $\pm$ 312.870 χ^2 /NDF: 42.9/33

In: 941.759 $\pm$ 425.837 χ^2 /NDF:19.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 226.363 $\pm$ 312.870 χ^2 /NDF: 42.9/33

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: 1182.443+/-0.326 χ^2/NDF : 1060156.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

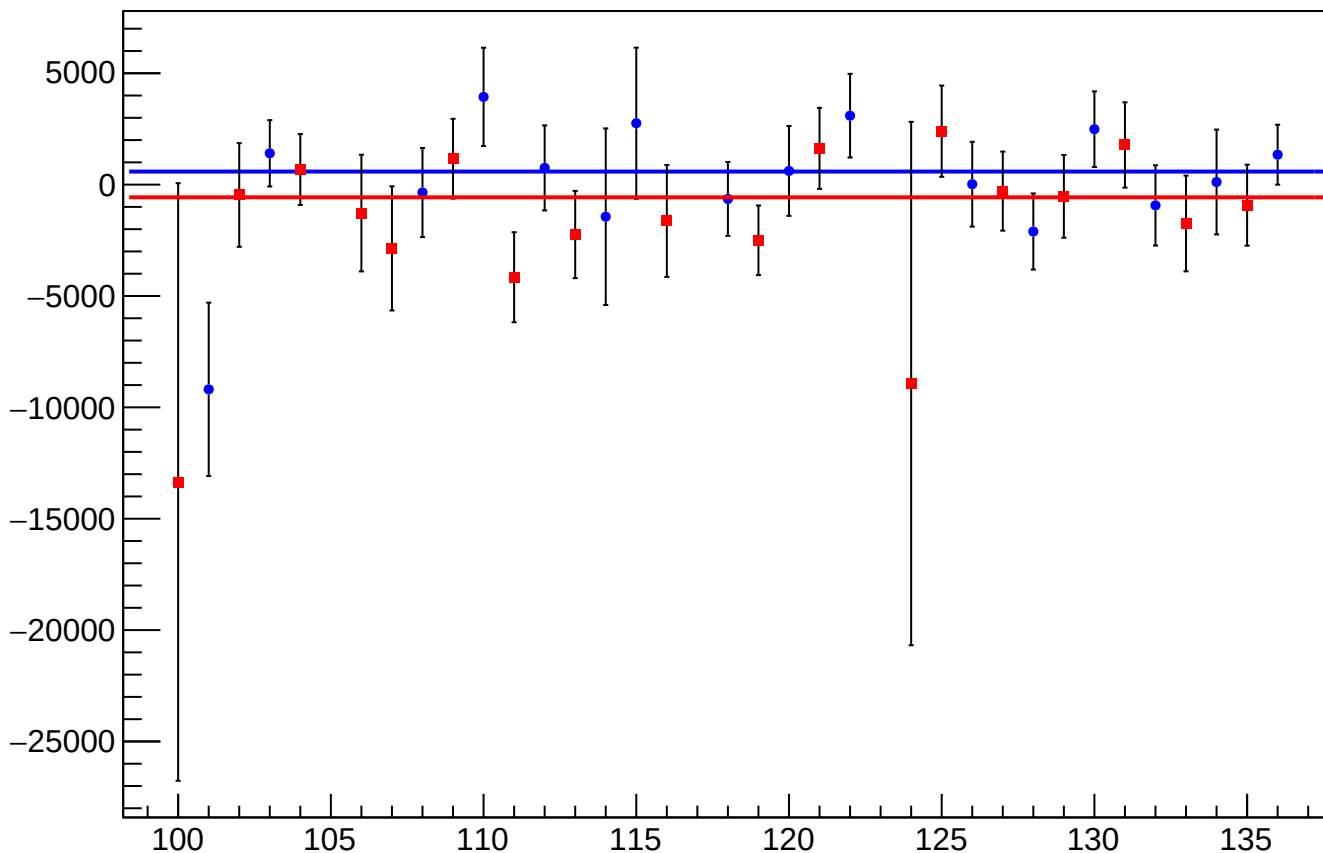
Right: 1126.668+/-0.221 χ^2/NDF : 2596573.3/33

In: 1079.120+/-0.301 χ^2/NDF : 1482232.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.668+/-0.221 χ^2/NDF : 2596573.3/33

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: -568.970+/-488.523 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

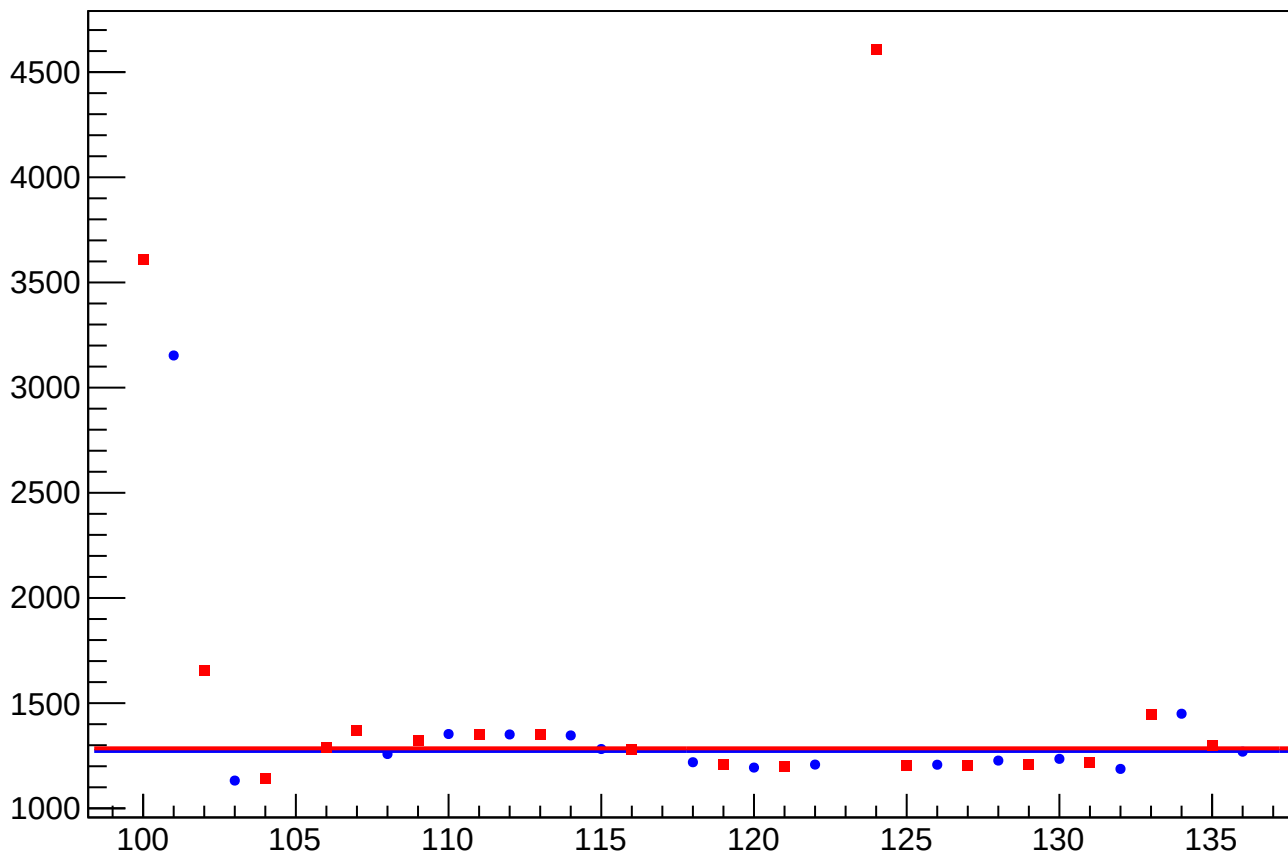
Right: 16.393+/-343.265 χ^2/NDF : 34.6/33

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.393+/-343.265 χ^2/NDF : 34.6/33

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: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

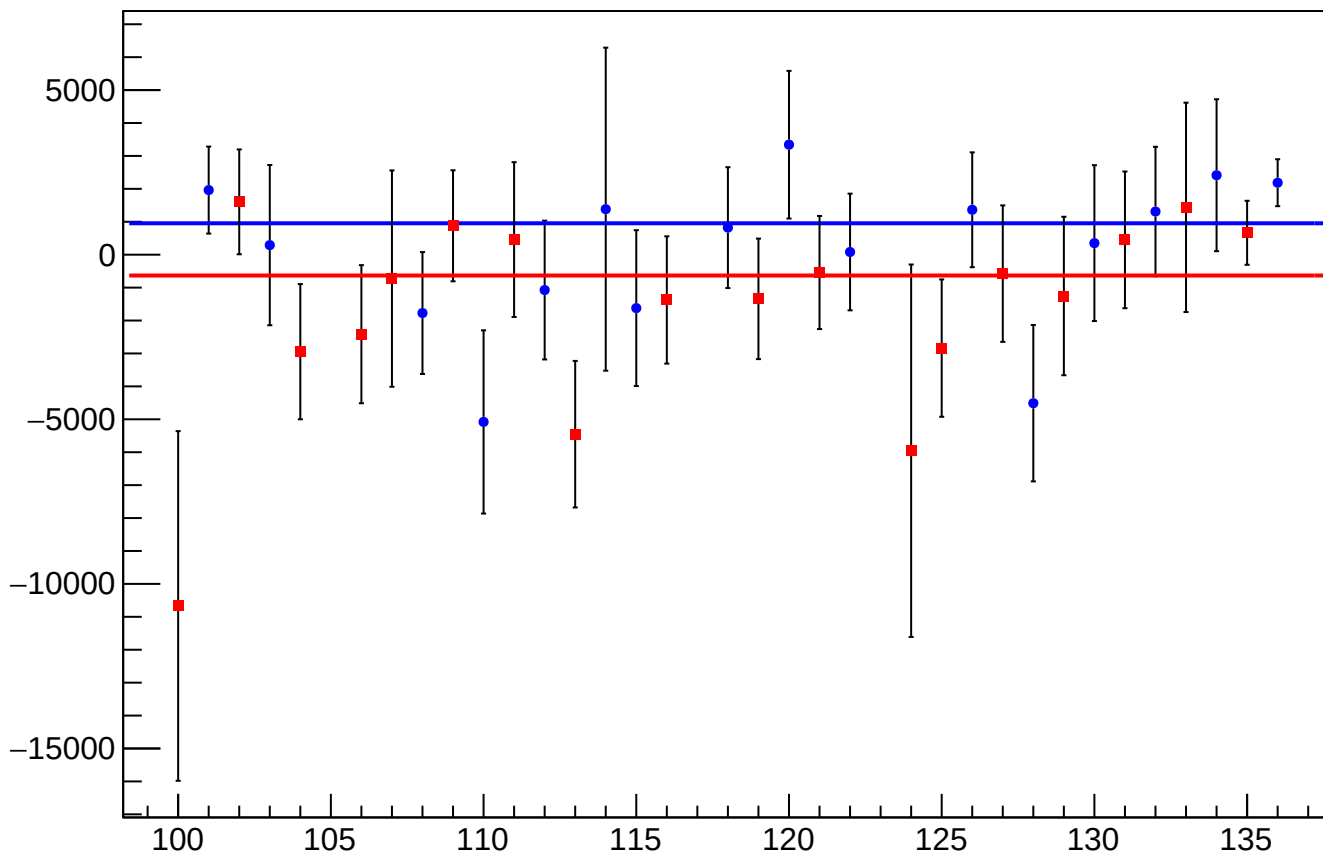
Right: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146+/-425.660 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -632.217+/-462.190 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

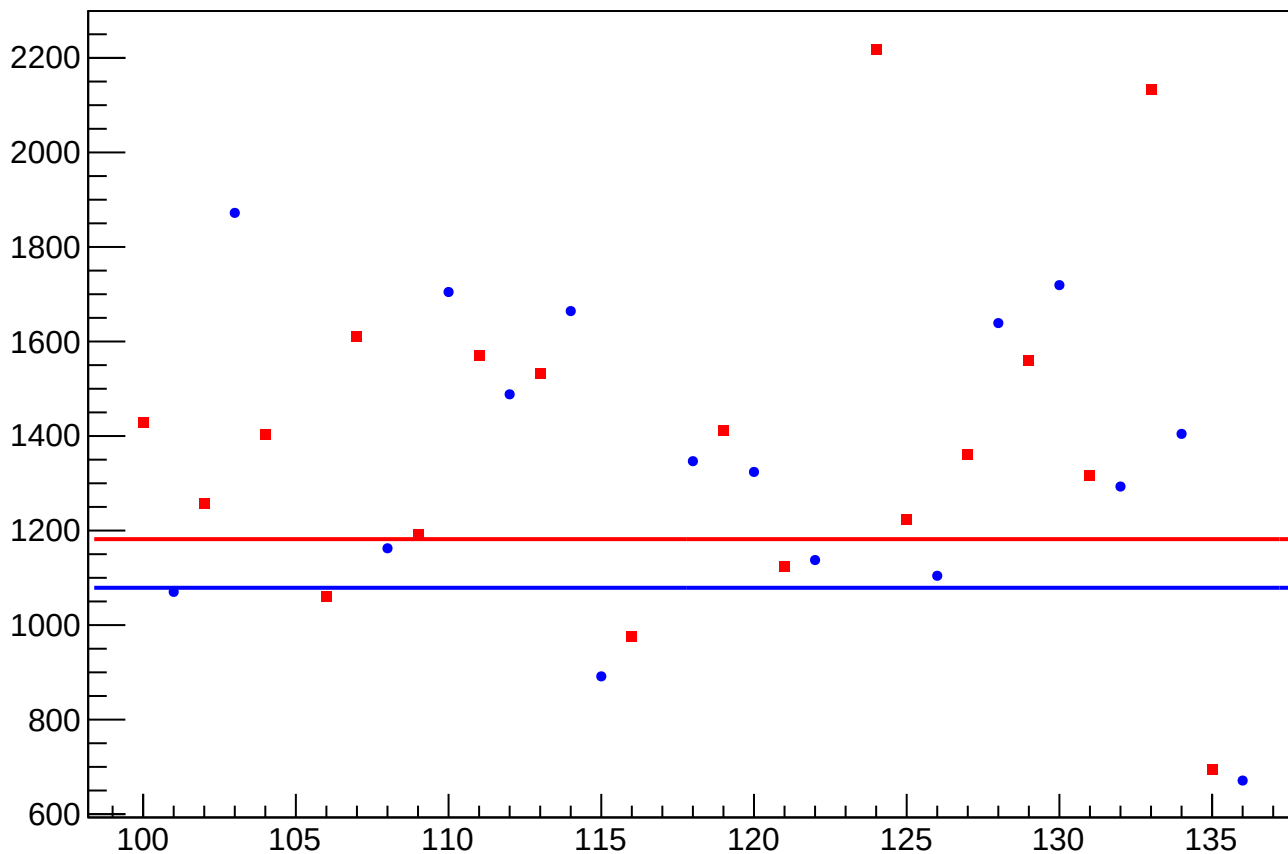
Right: 226.123+/-313.106 χ^2/NDF : 44.3/33

In: 954.146+/-425.660 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.123+/-313.106 χ^2/NDF : 44.3/33

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: 1181.837+/-0.327 χ^2/NDF : 1056612.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

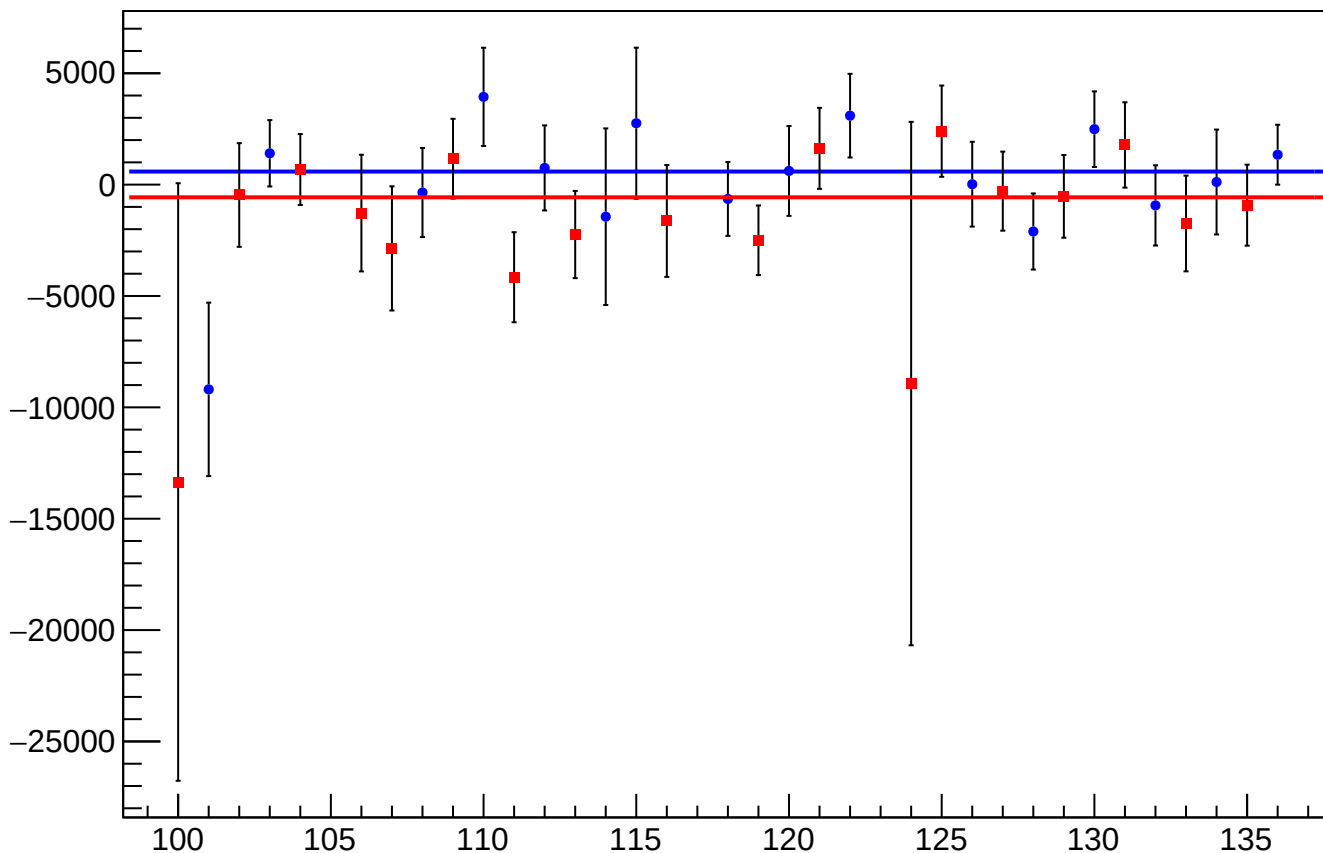
Right: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

In: 1078.932+/-0.301 χ^2/NDF : 1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

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: -568.970+/-488.523 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

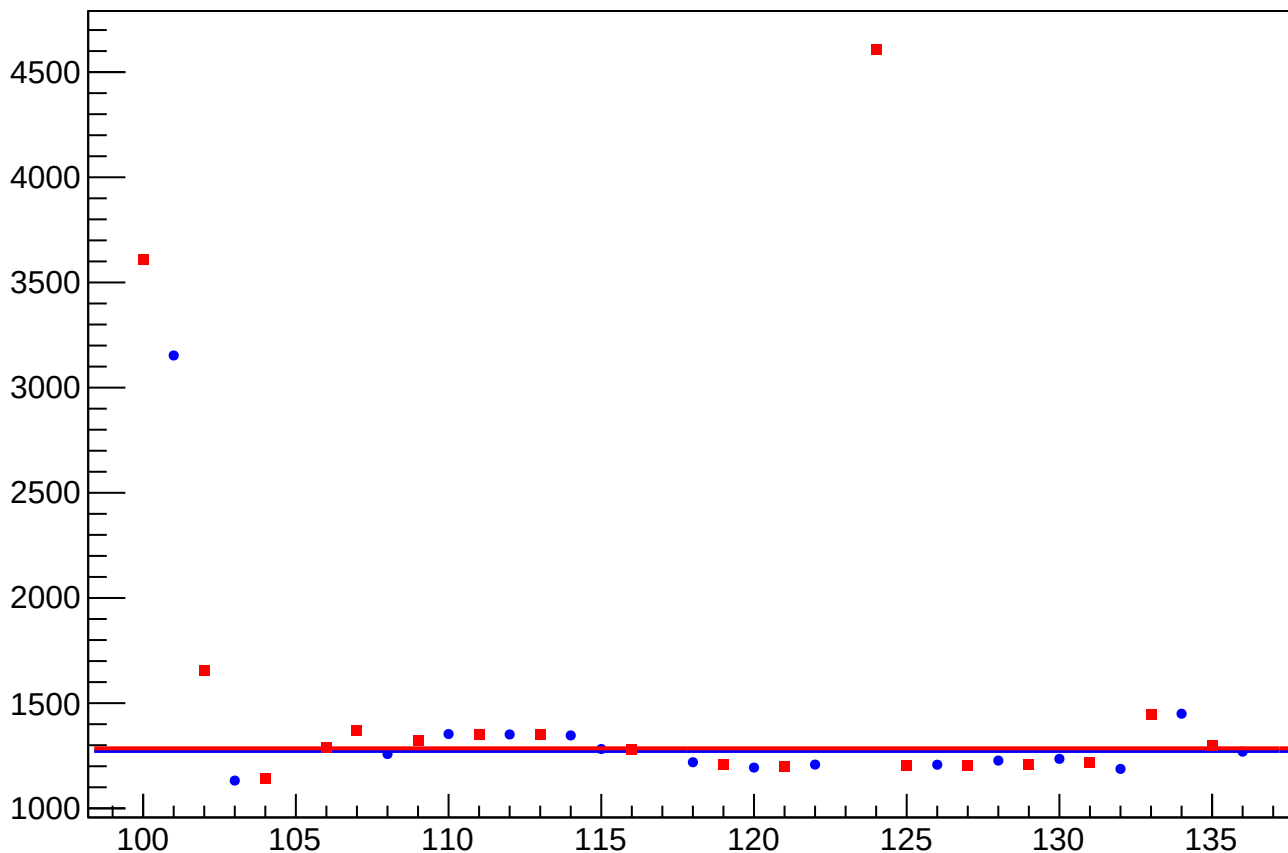
Right: 16.393+/-343.265 χ^2/NDF : 34.6/33

In: 587.254+/-482.434 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.393+/-343.265 χ^2/NDF : 34.6/33

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: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

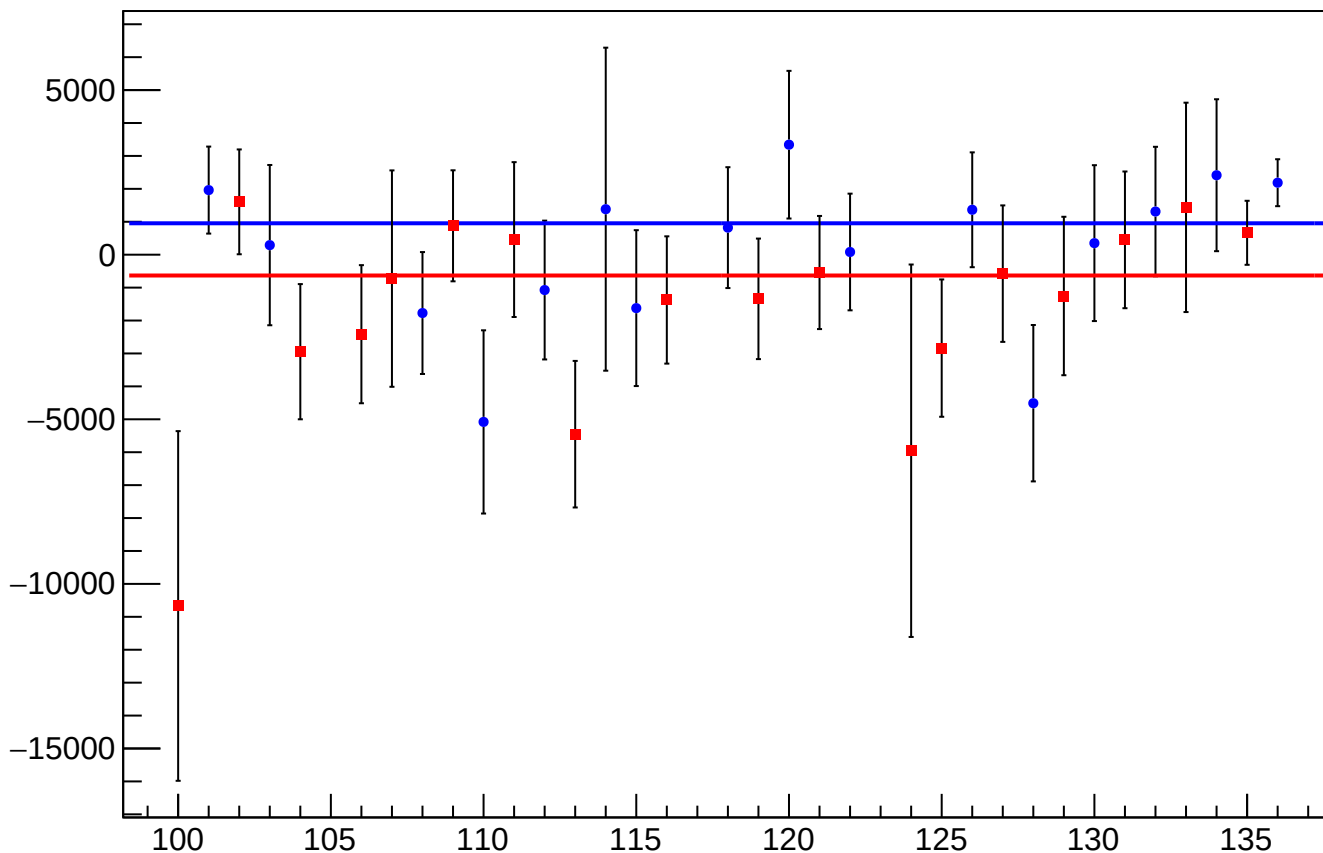
Right: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

In: 1272.804+/-0.341 χ^2/NDF : 519299.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.910+/-0.243 χ^2/NDF : 848606.7/33

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 954.146+/-425.660 χ^2/NDF : 19.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -632.217+/-462.190 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

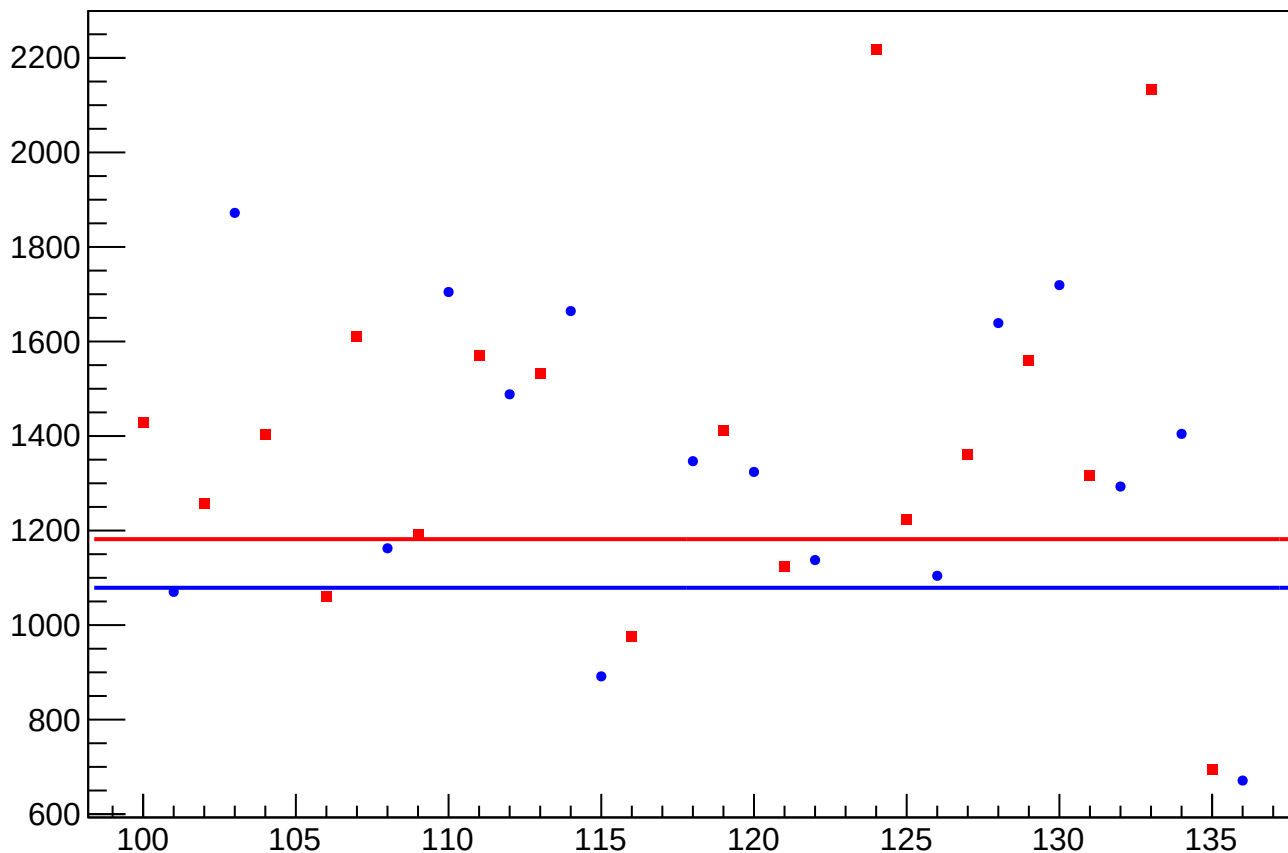
Right: 226.123+/-313.106 χ^2/NDF : 44.3/33

In: 954.146+/-425.660 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.123+/-313.106 χ^2/NDF : 44.3/33

asym_at1_dd_at2_dd_avg_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: 1181.837+/-0.327 χ^2/NDF : 1056612.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

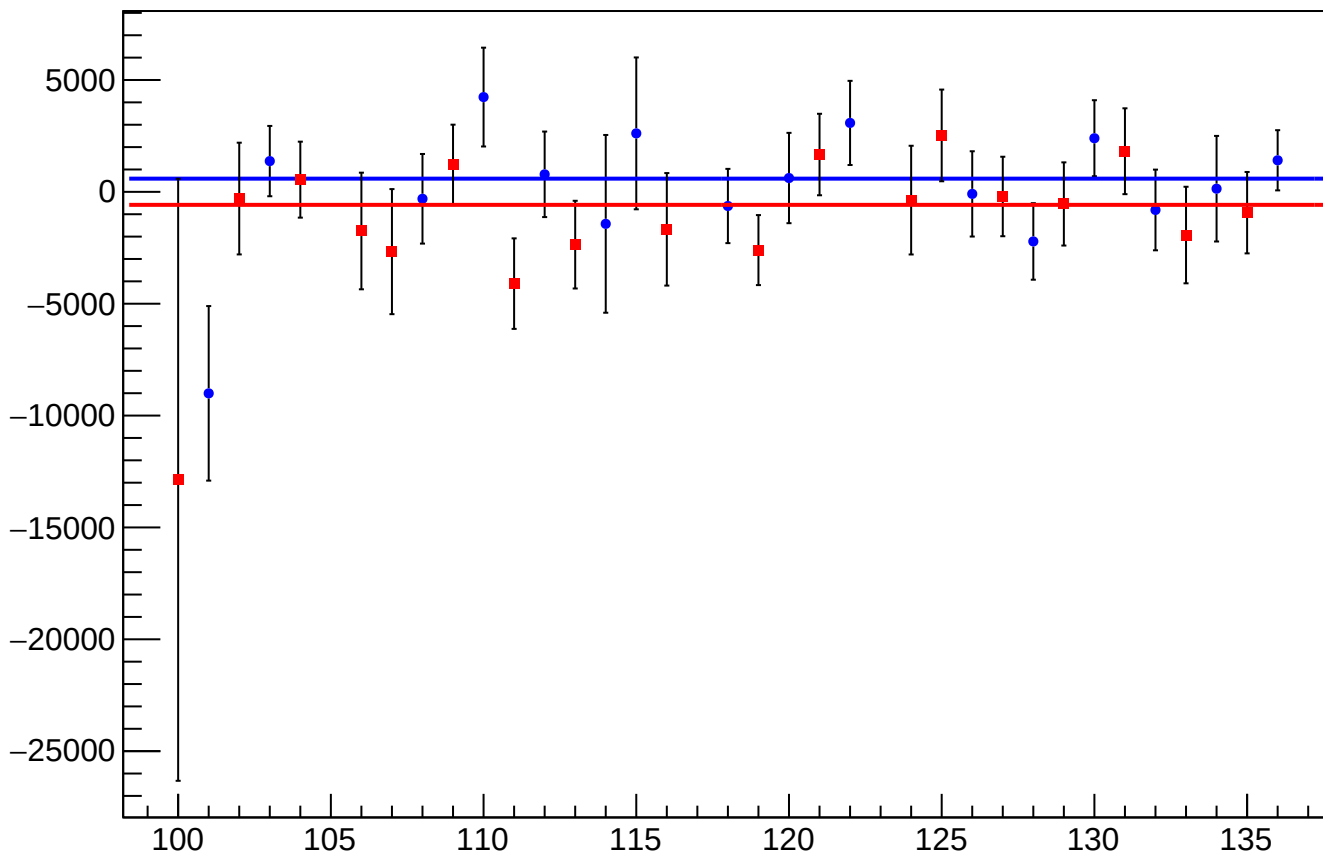
Right: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

In: 1078.932+/-0.301 χ^2/NDF : 1478719.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1126.158+/-0.221 χ^2/NDF : 2588976.6/33

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: -581.011 $\pm$ 483.775 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

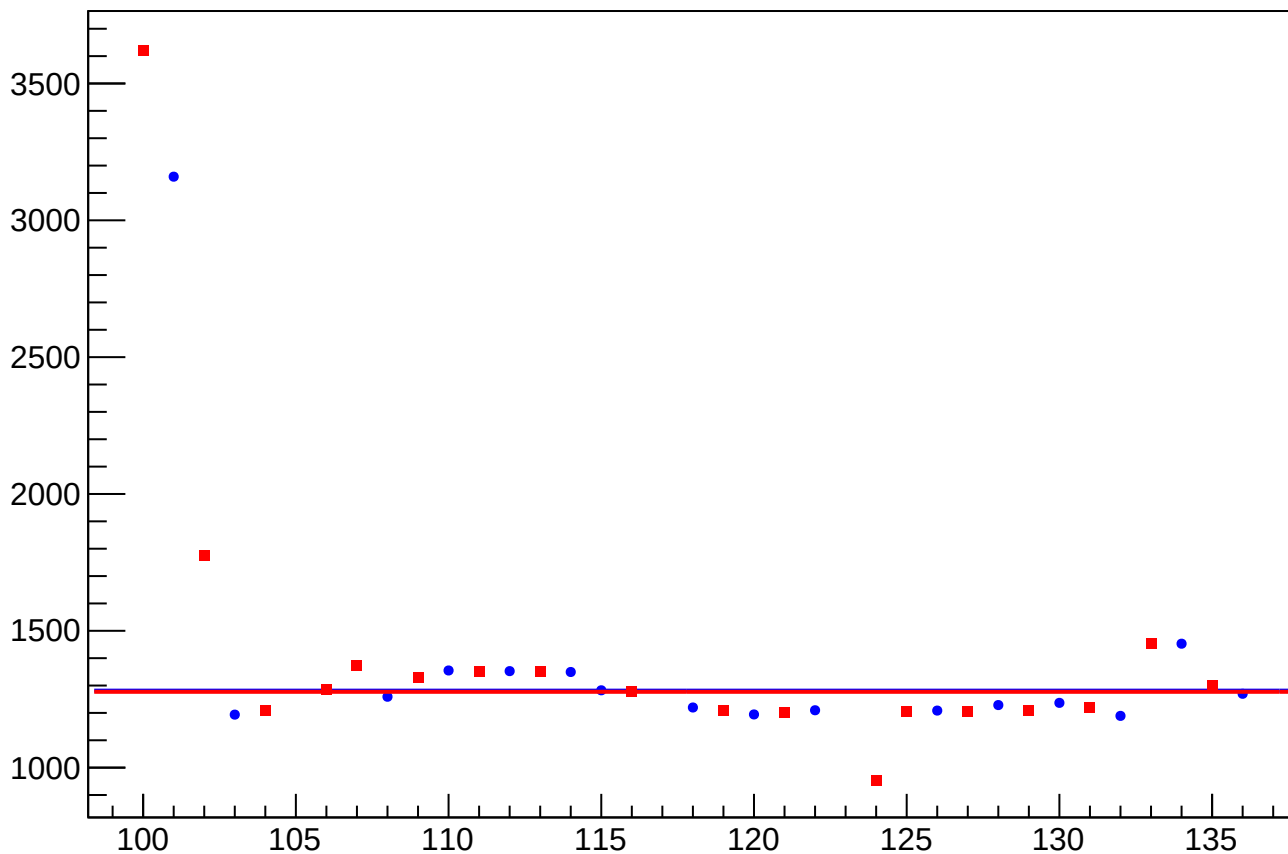
Right: 2.592 $\pm$ 342.683 χ^2 /NDF: 34.6/33

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: 2.592 $\pm$ 342.683 χ^2 /NDF: 34.6/33

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: 1277.124+/-0.342 χ^2/NDF : 220492.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

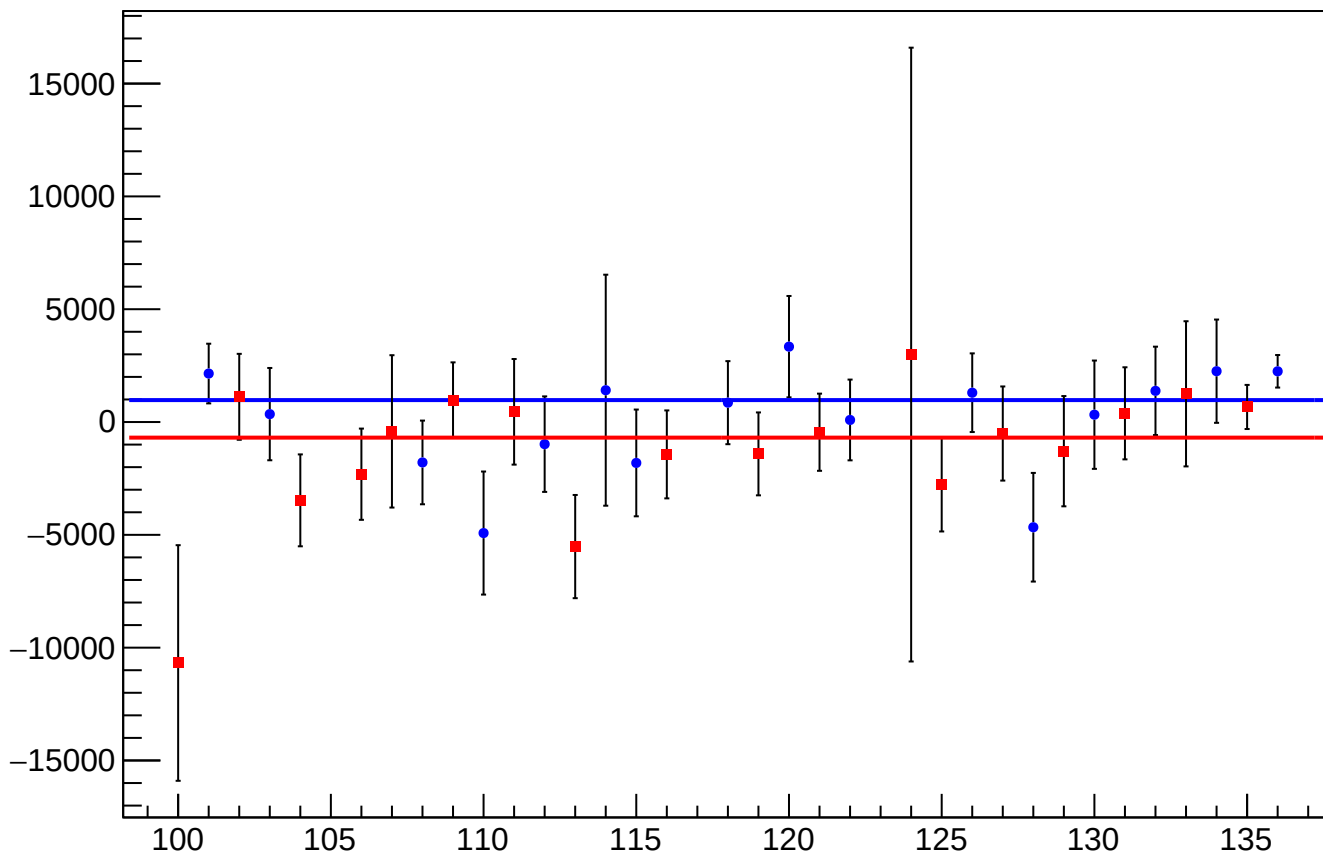
Right: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

In: 1281.369+/-0.343 χ^2/NDF : 507078.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

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: -691.449+/-469.599 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

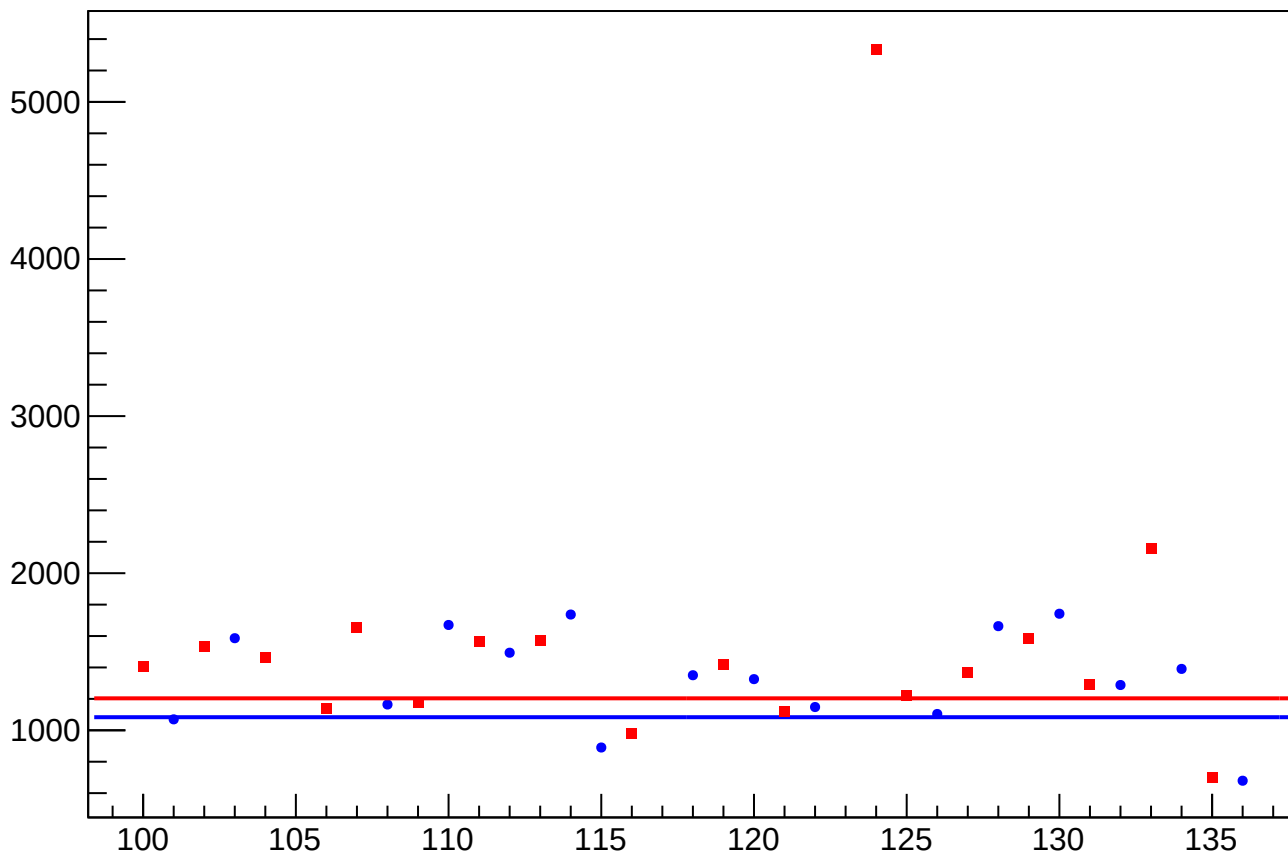
Right: 222.733+/-315.200 χ^2/NDF : 44.1/33

In: 972.287+/-425.219 χ^2/NDF :20.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.733+/-315.200 χ^2/NDF : 44.1/33

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: 1203.452+/-0.332 χ^2/NDF : 1251546.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

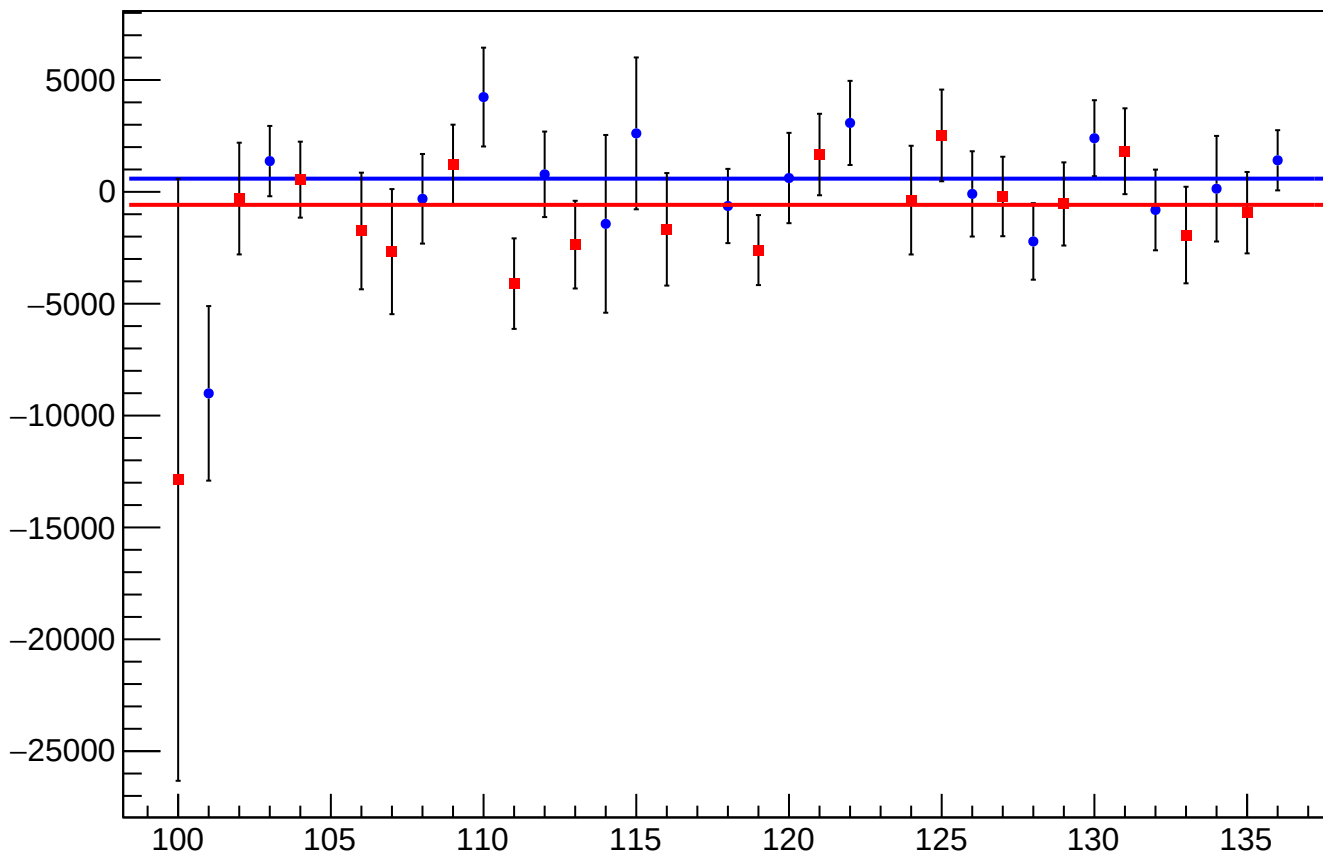
Right: 1137.450+/-0.223 χ^2/NDF : 2683601.1/33

In: 1083.335+/-0.301 χ^2/NDF : 1360153.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.450+/-0.223 χ^2/NDF : 2683601.1/33

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: -581.010+/-483.775 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

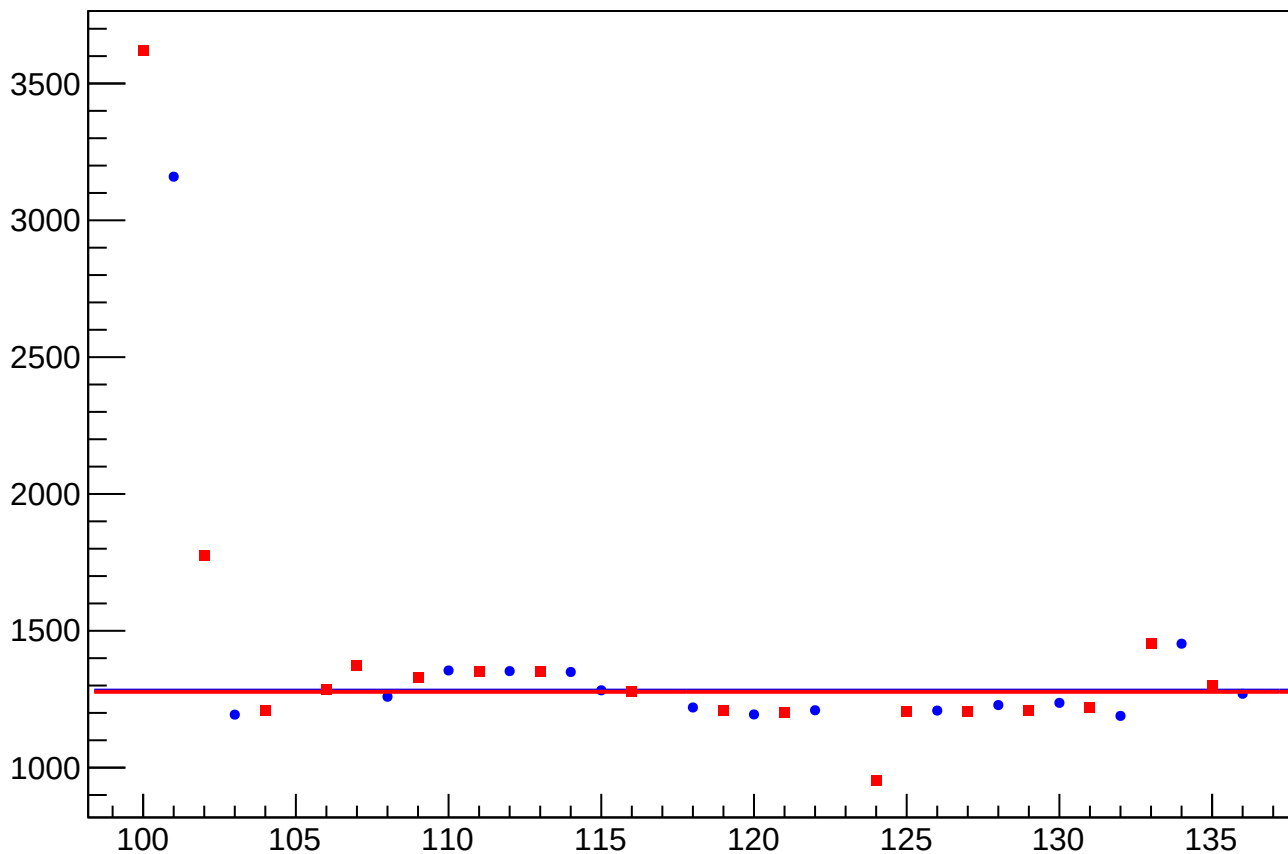
Right: 2.594+/-342.683 χ^2/NDF : 34.6/33

In: 590.323+/-485.483 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.594+/-342.683 χ^2/NDF : 34.6/33

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: 1277.124+/-0.342 χ^2/NDF : 220492.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

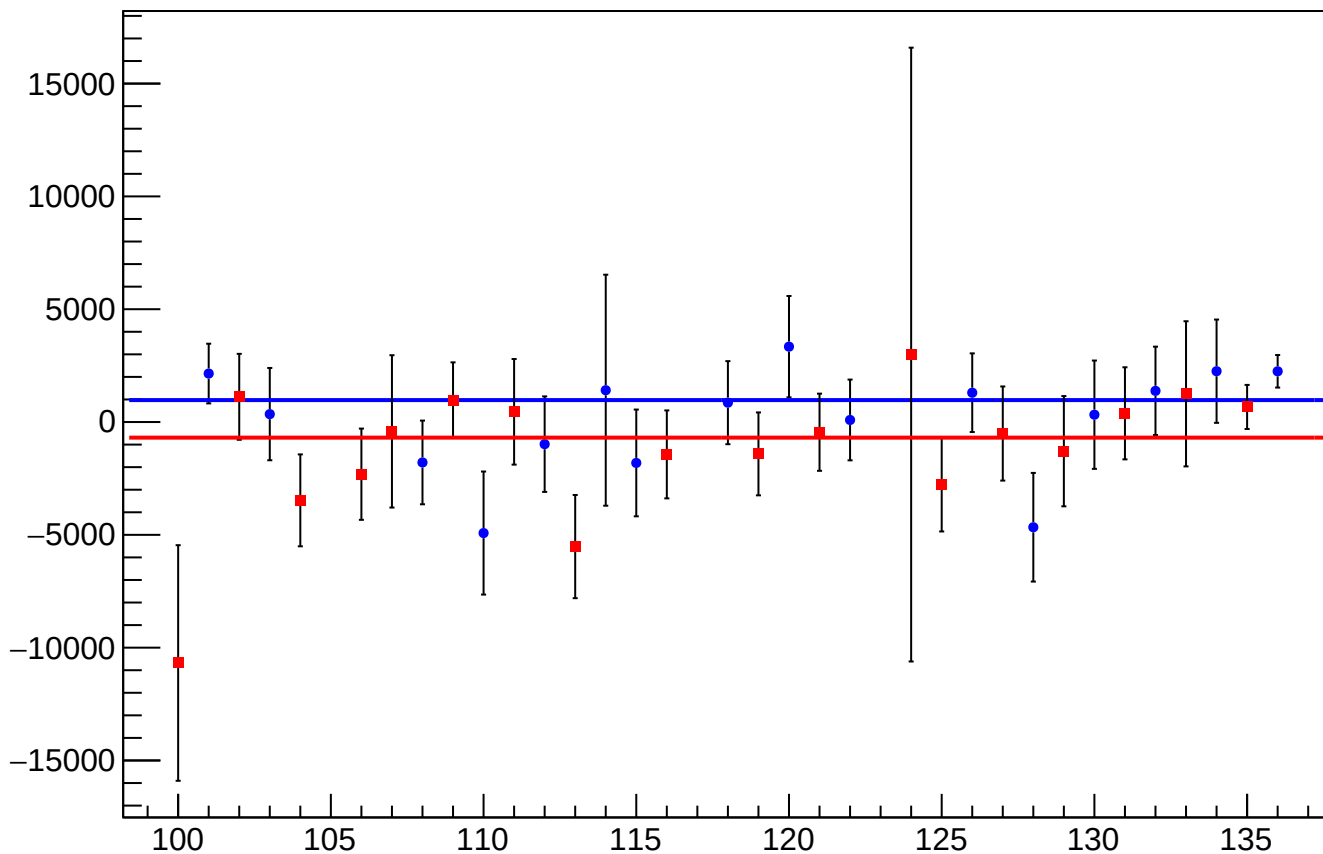
Right: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

In: 1281.369+/-0.343 χ^2/NDF :507078.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1279.239+/-0.242 χ^2/NDF : 727648.0/33

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: -691.457+/-469.601 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

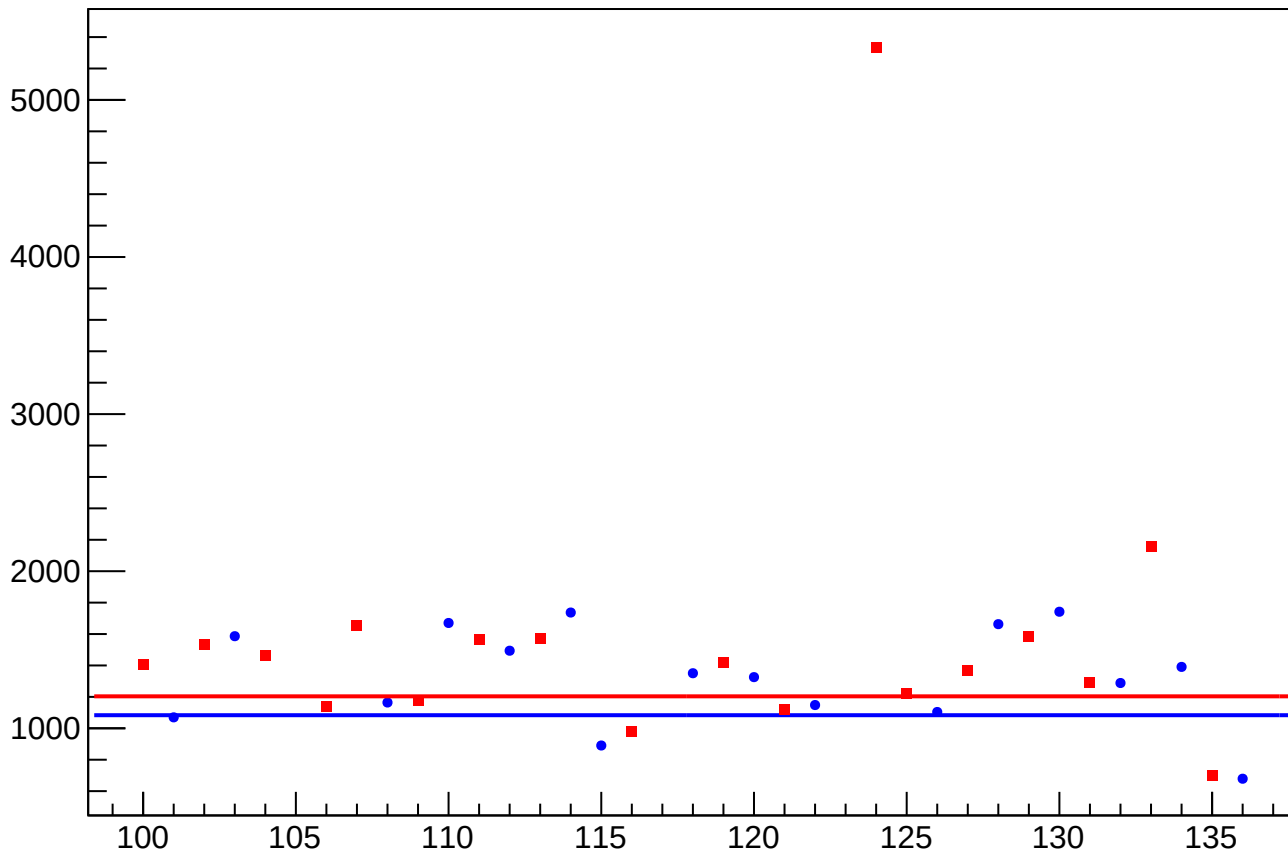
Right: 222.726+/-315.201 χ^2/NDF : 44.1/33

In: 972.281+/-425.220 χ^2/NDF :20.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 222.726+/-315.201 χ^2/NDF : 44.1/33

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: 1203.458+/-0.332 χ^2/NDF : 1251503.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

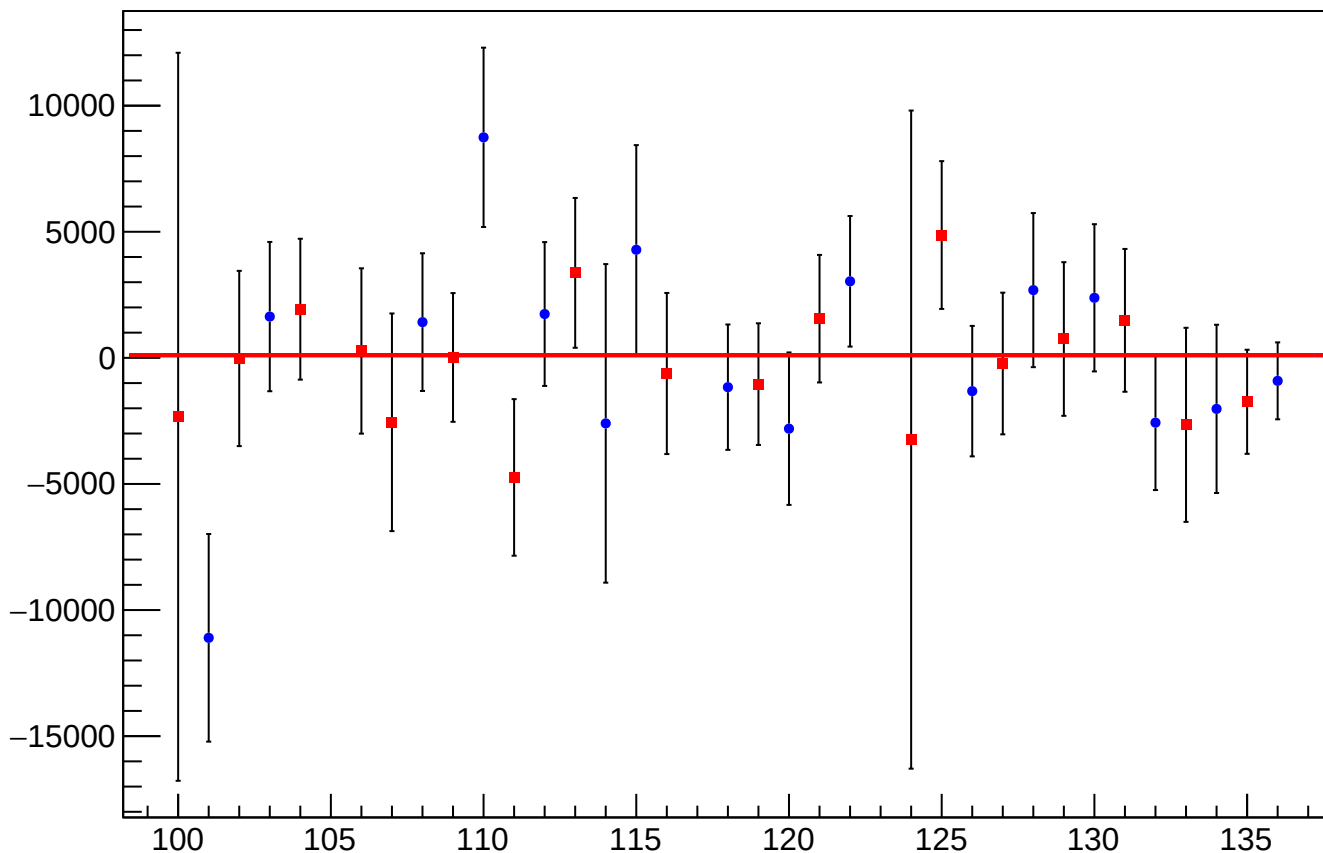
Right: 1137.457+/-0.223 χ^2/NDF : 2683499.8/33

In: 1083.341+/-0.301 χ^2/NDF : 1360095.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1137.457+/-0.223 χ^2/NDF : 2683499.8/33

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: 111.148+/-717.348 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

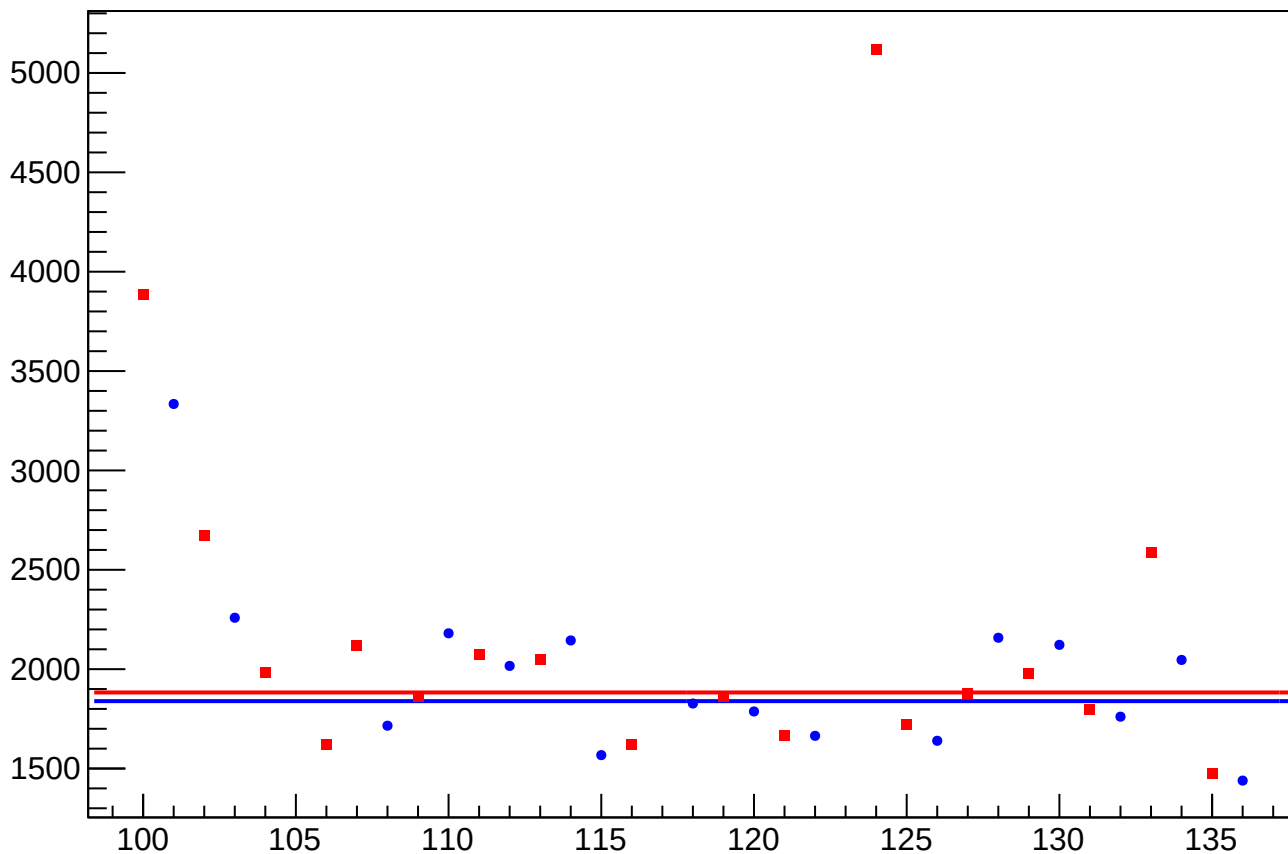
Right: 105.661+/-500.623 χ^2/NDF : 30.7/33

In: 100.451+/-698.983 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.661+/-500.623 χ^2/NDF : 30.7/33

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: 1882.746+/-0.507 χ^2/NDF : 483380.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

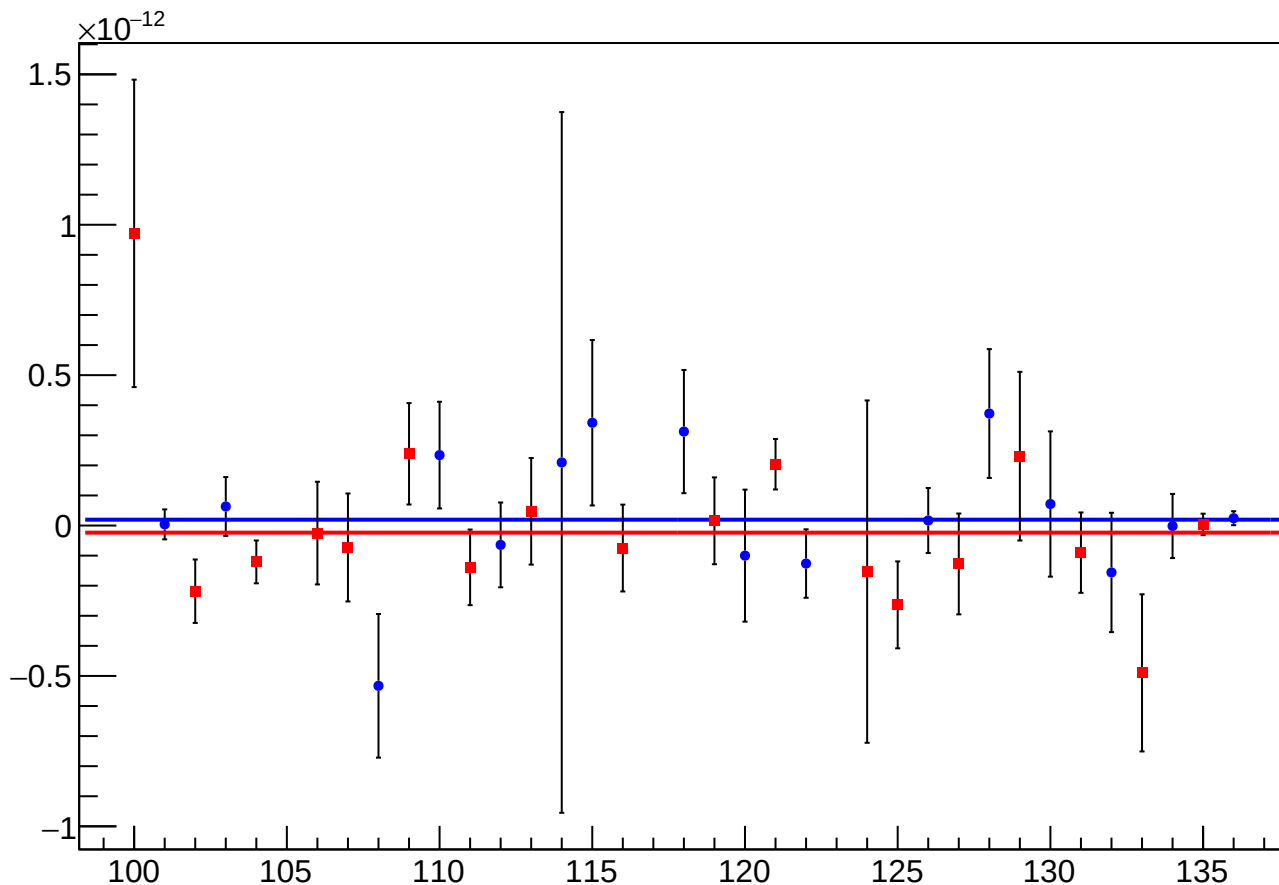
Right: 1860.364+/-0.354 χ^2/NDF : 1043901.0/33

In: 1839.113+/-0.494 χ^2/NDF : 556725.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1860.364+/-0.354 χ^2/NDF : 1043901.0/33

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 : 28.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

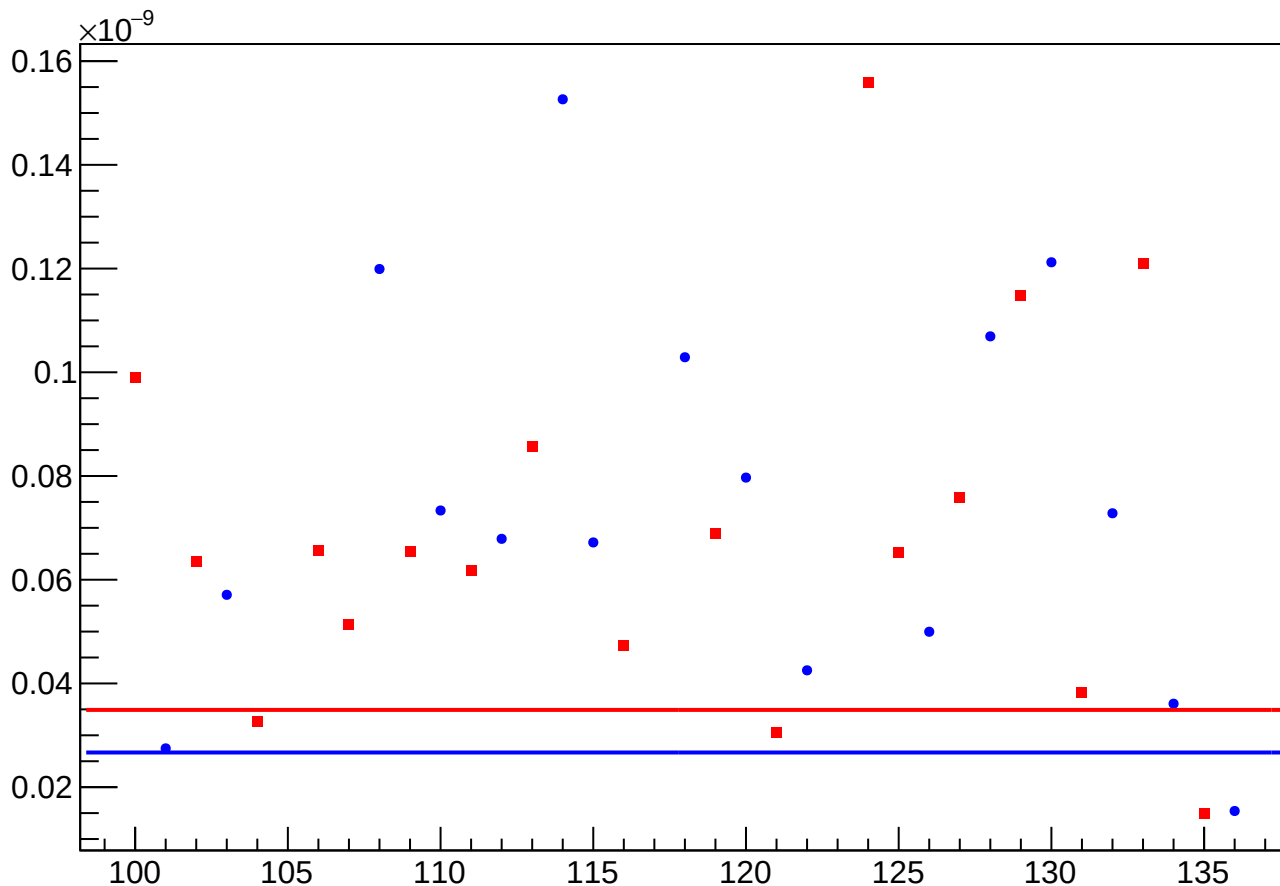
Right: 0.000+/-0.000 χ^2/NDF : 46.6/33

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 : 46.6/33

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 : 2020571.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

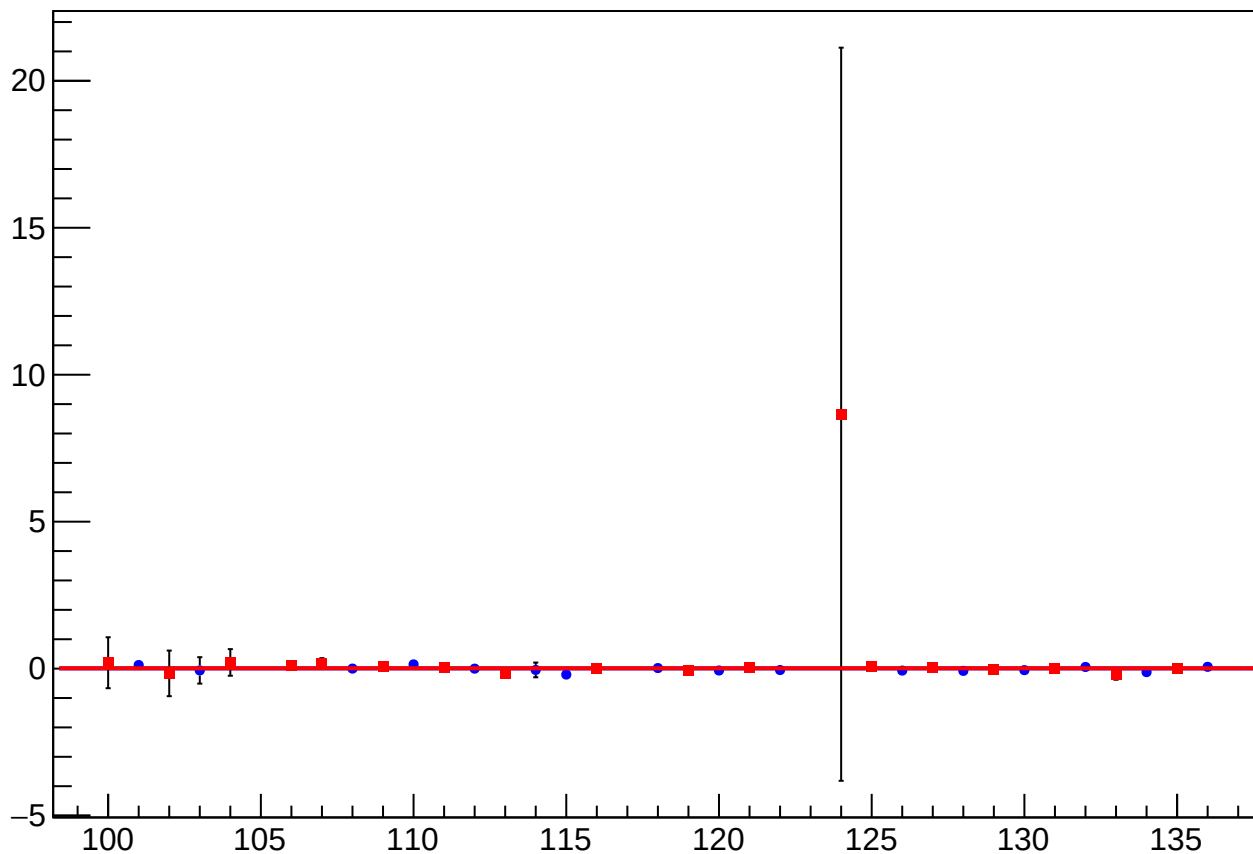
Right: 0.000+/-0.000 χ^2/NDF : 4743267.0/33

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 : 4743267.0/33

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 : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

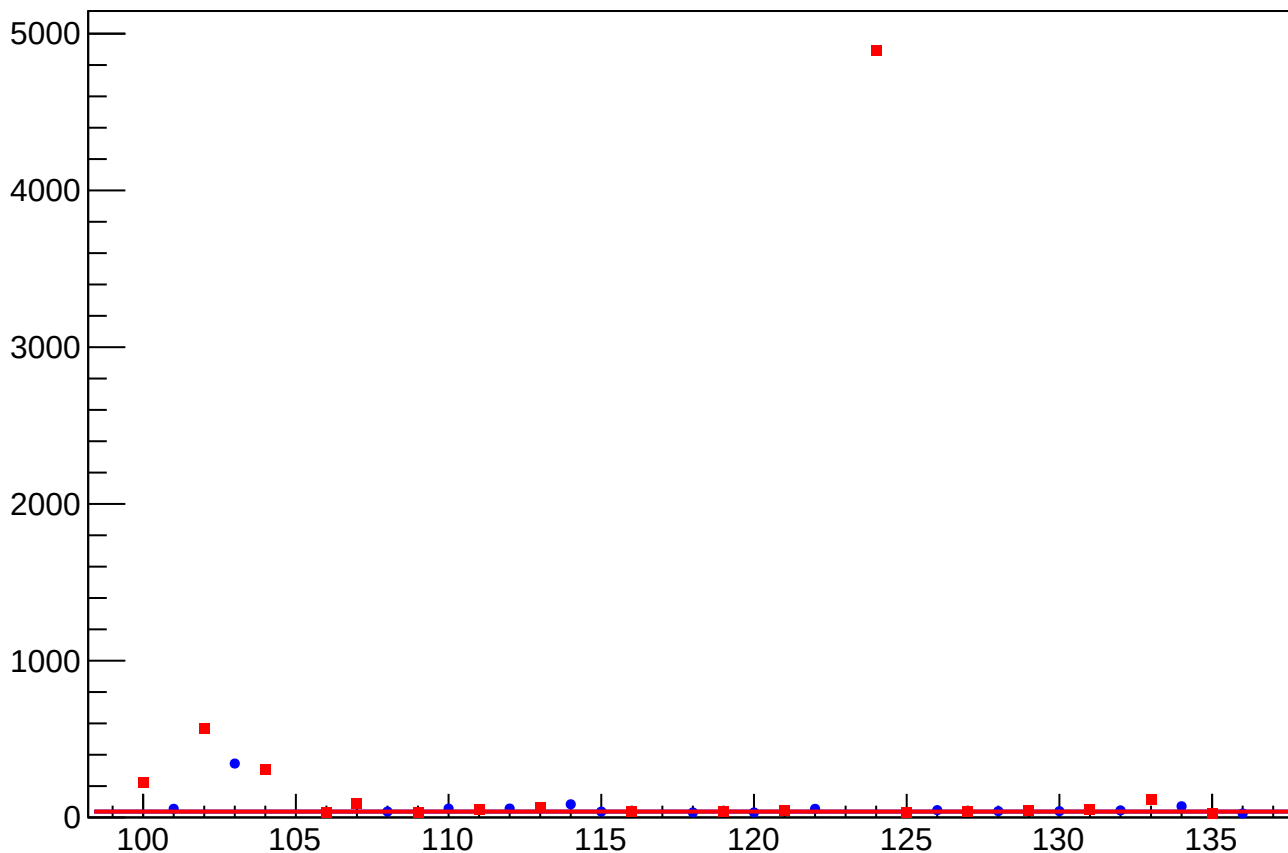
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

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: 37.465+/-0.012 χ^2/NDF : 3142511.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

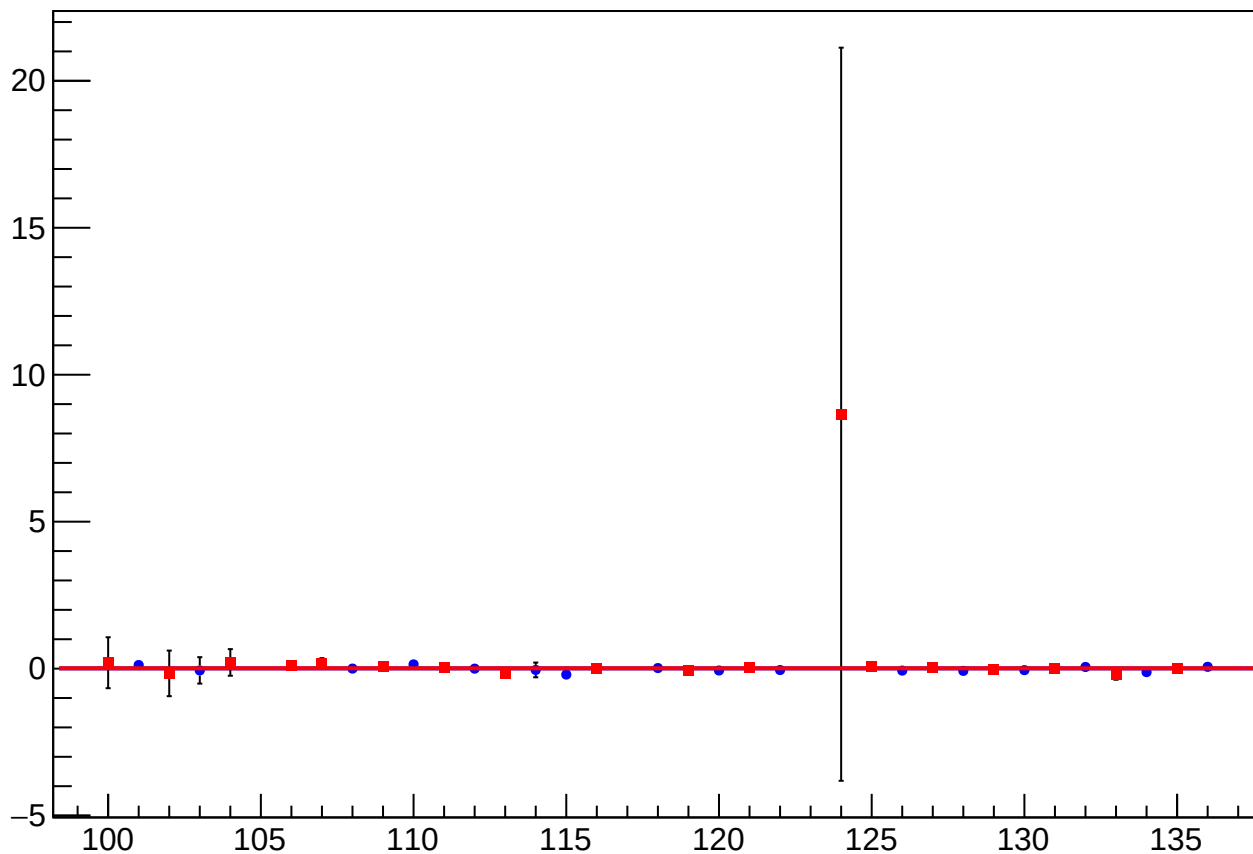
Right: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

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 : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

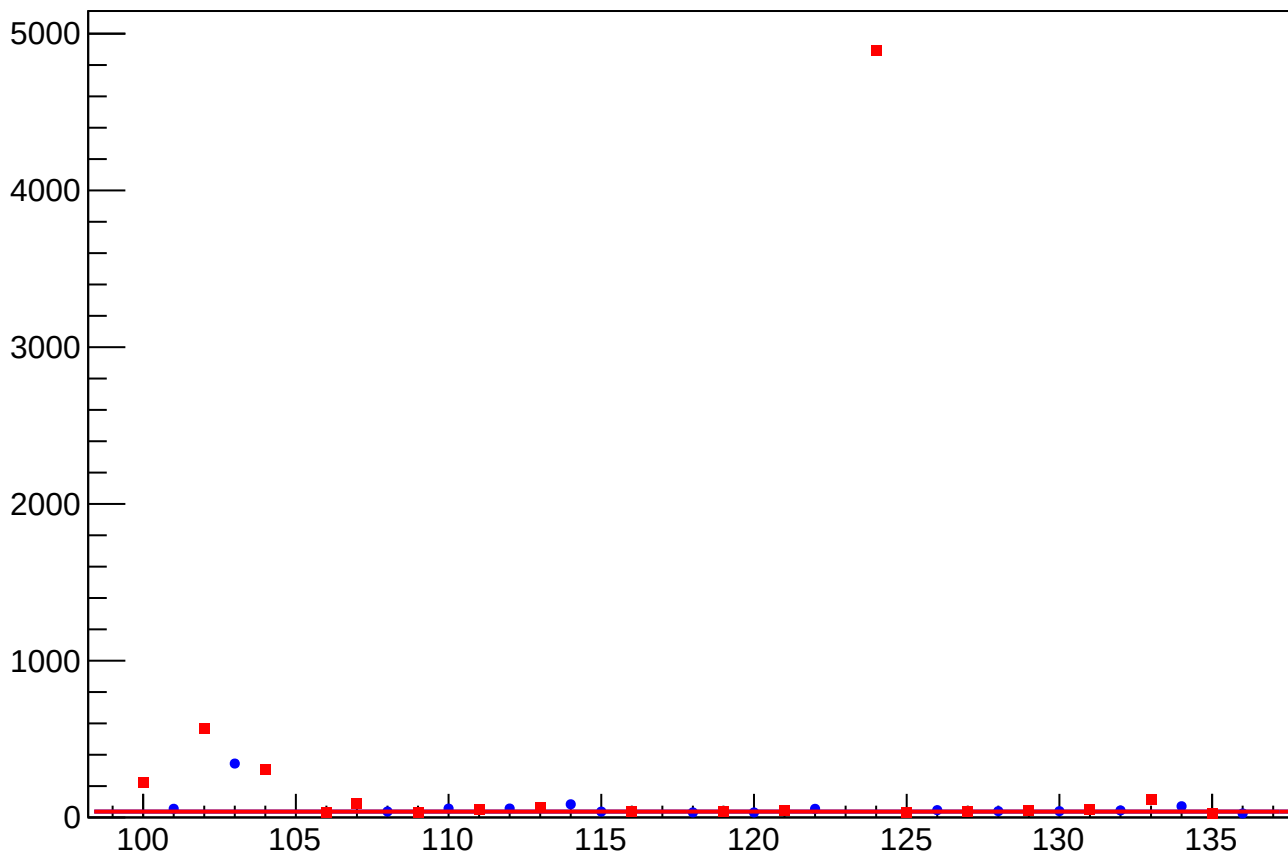
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

asym_at1_dd_at2_dd_avg_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: 37.465+/-0.012 χ^2/NDF : 3142511.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

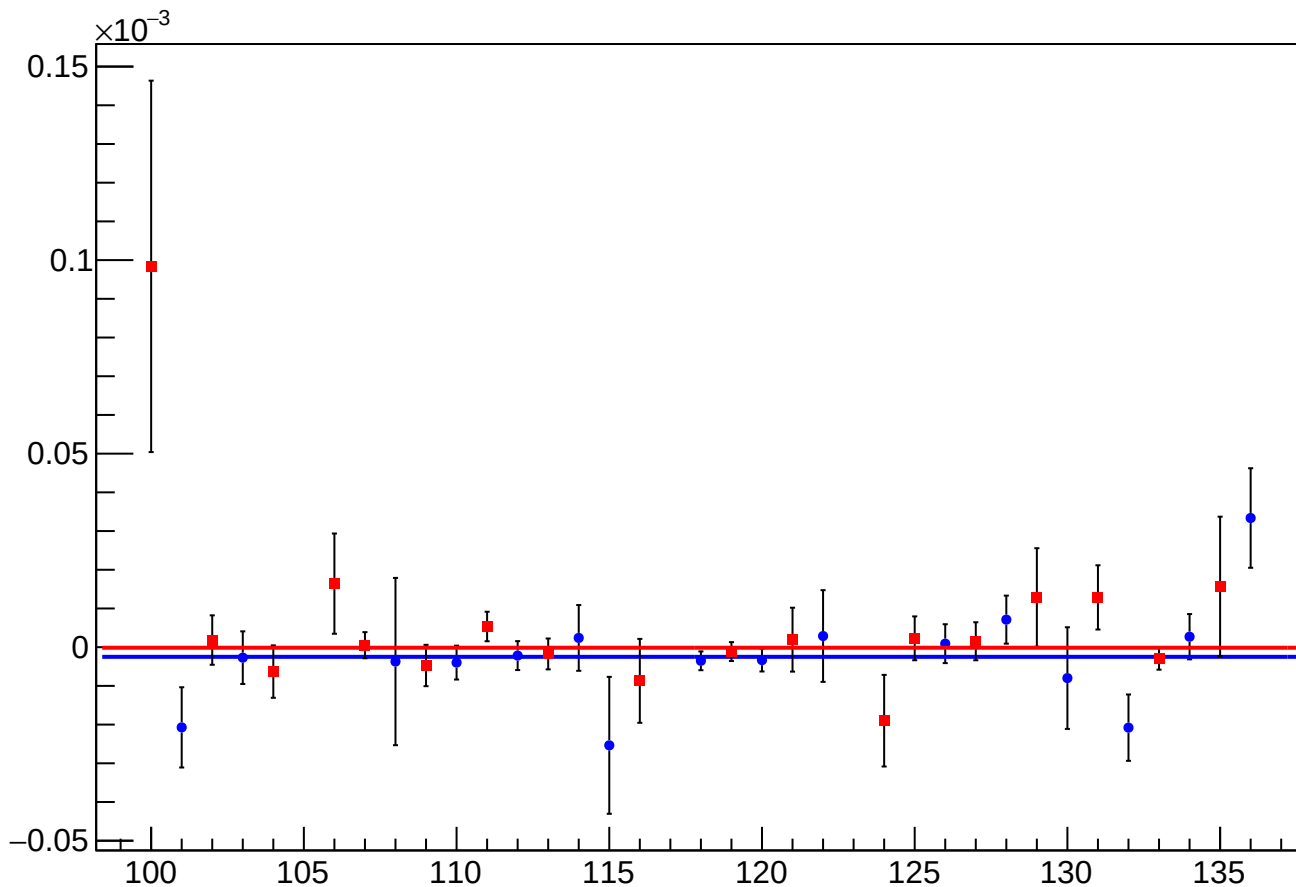
Right: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

In: 37.494+/-0.011 χ^2/NDF : 1983275.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.480+/-0.008 χ^2/NDF : 5125790.4/33

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 : 18.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

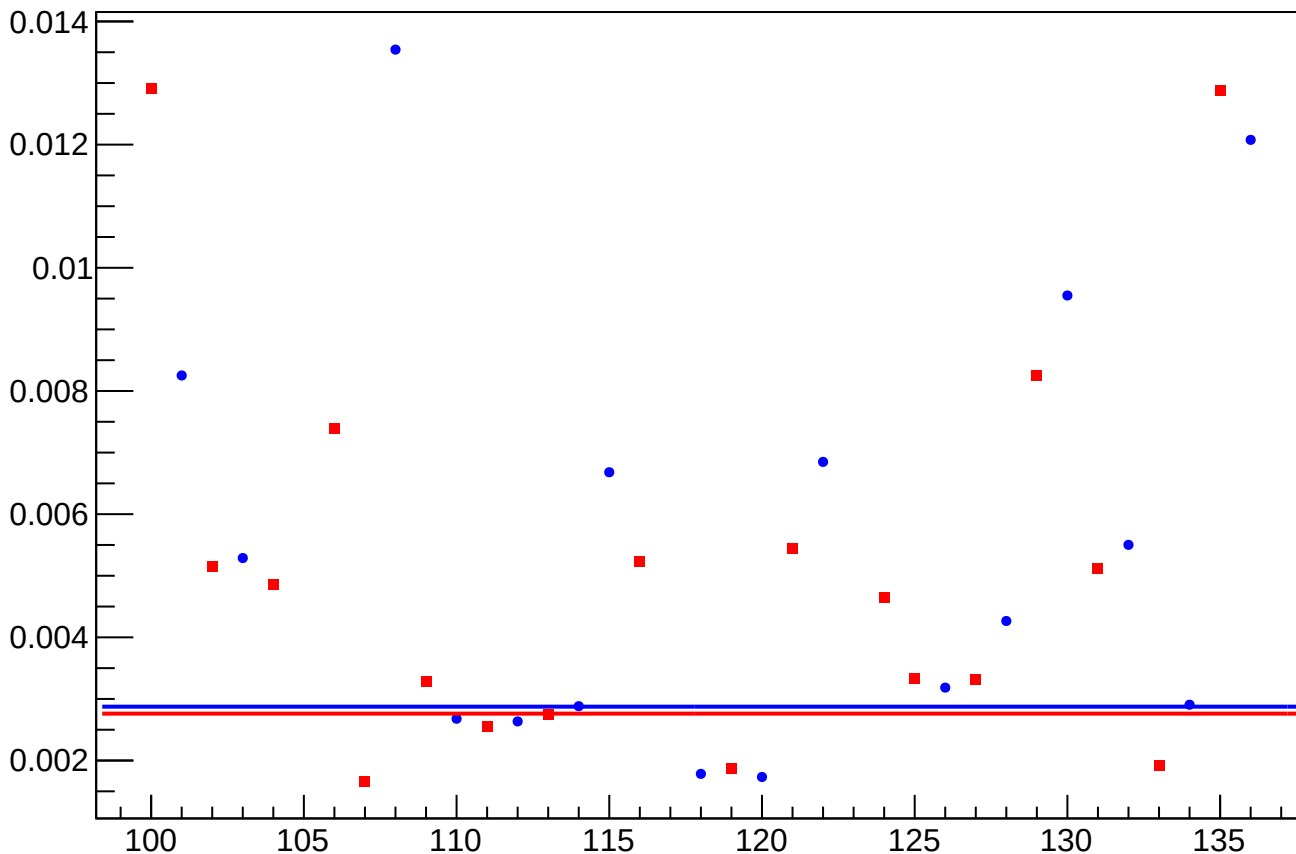
Right: -0.000+/-0.000 χ^2/NDF : 42.4/33

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 : 42.4/33

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 : 3074529.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

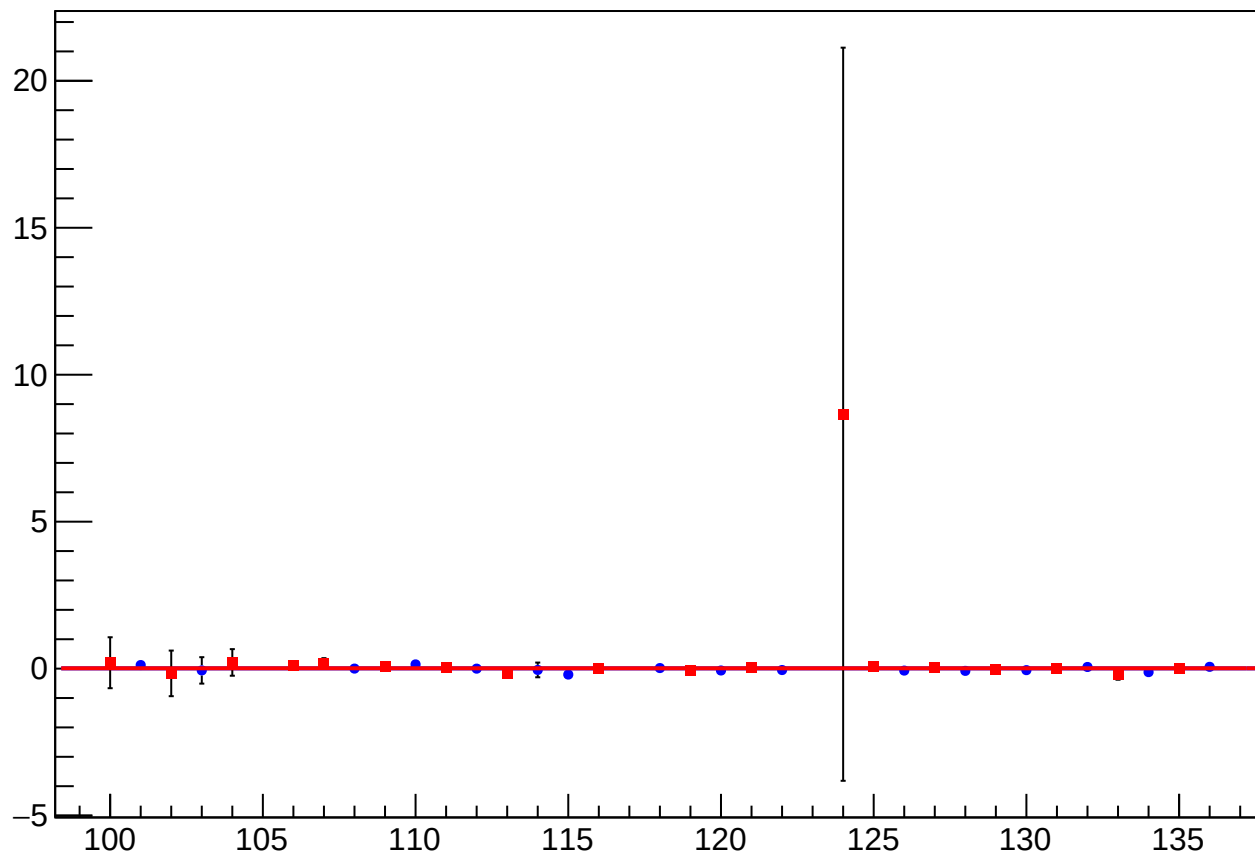
Right: 0.003+/-0.000 χ^2/NDF : 7234892.1/33

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 : 7234892.1/33

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: 0.012+/-0.017 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

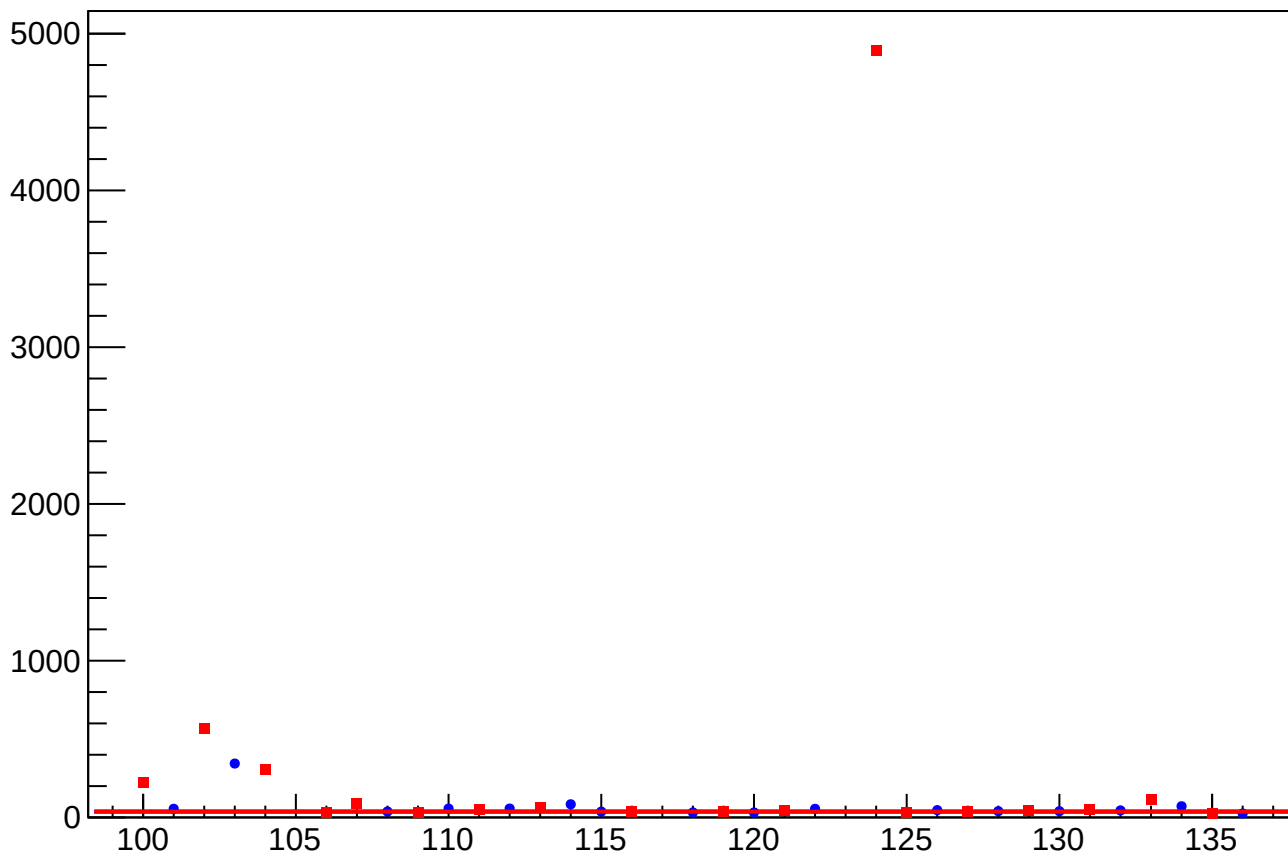
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

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: 37.466+/-0.012 χ^2/NDF : 3142261.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

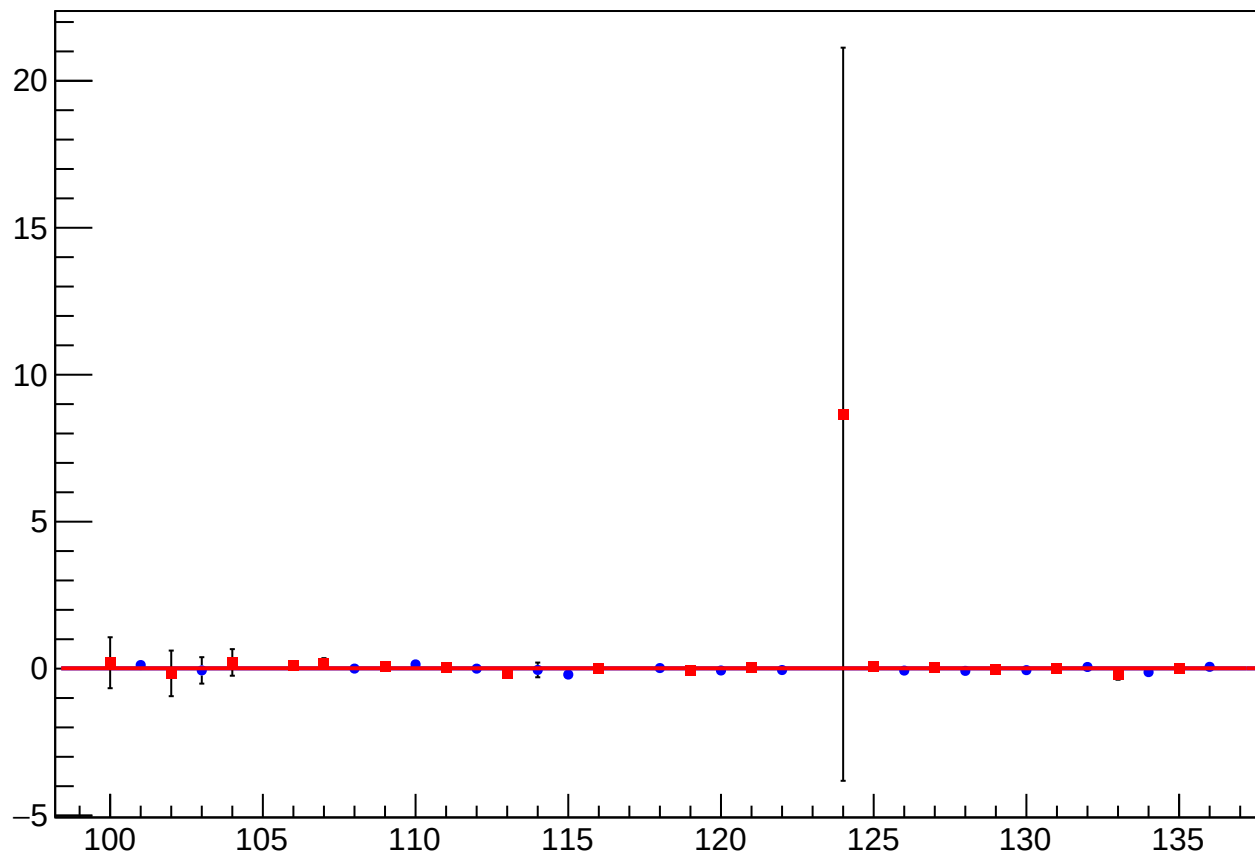
Right: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

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: 0.012+/-0.017 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

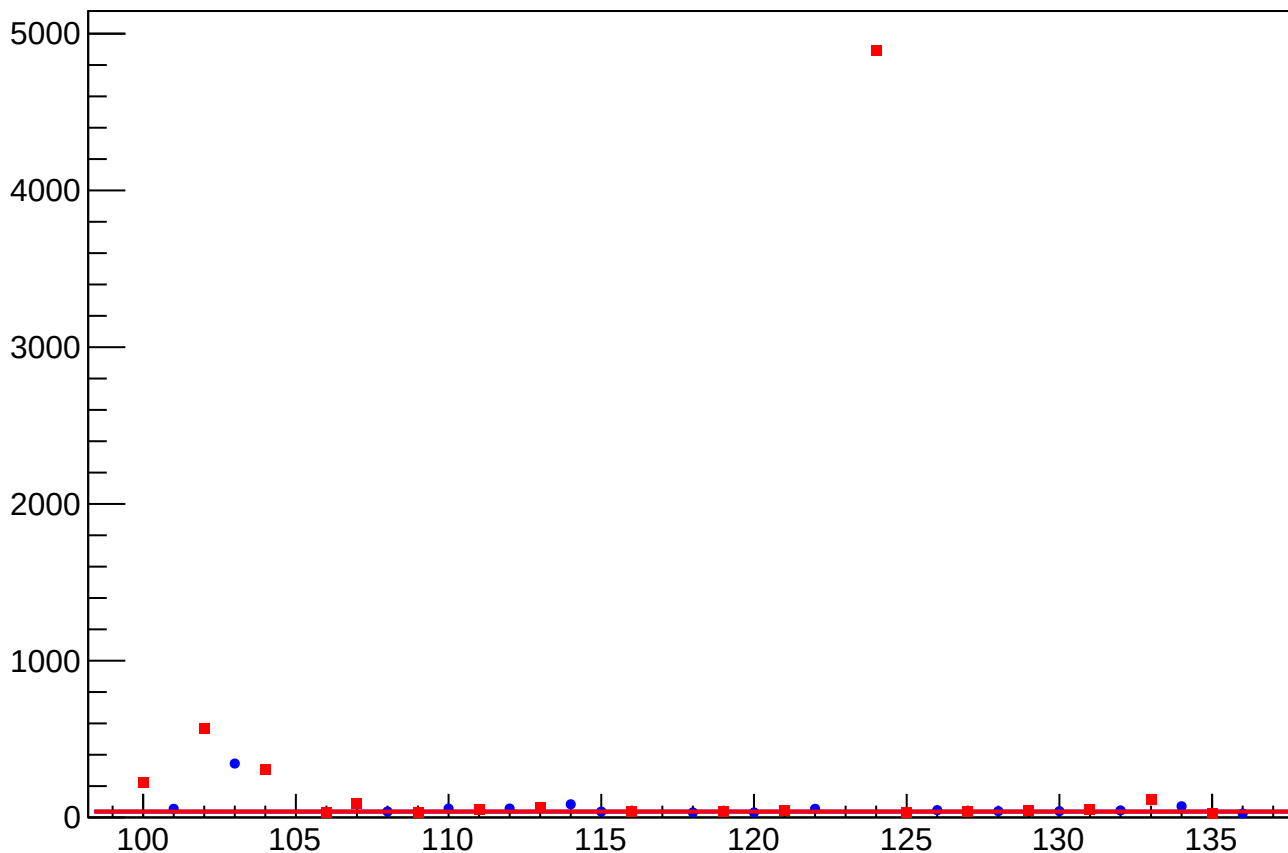
Right: 0.010+/-0.012 χ^2/NDF : 31.8/33

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 : 31.8/33

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: 37.466+/-0.012 χ^2/NDF : 3142261.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

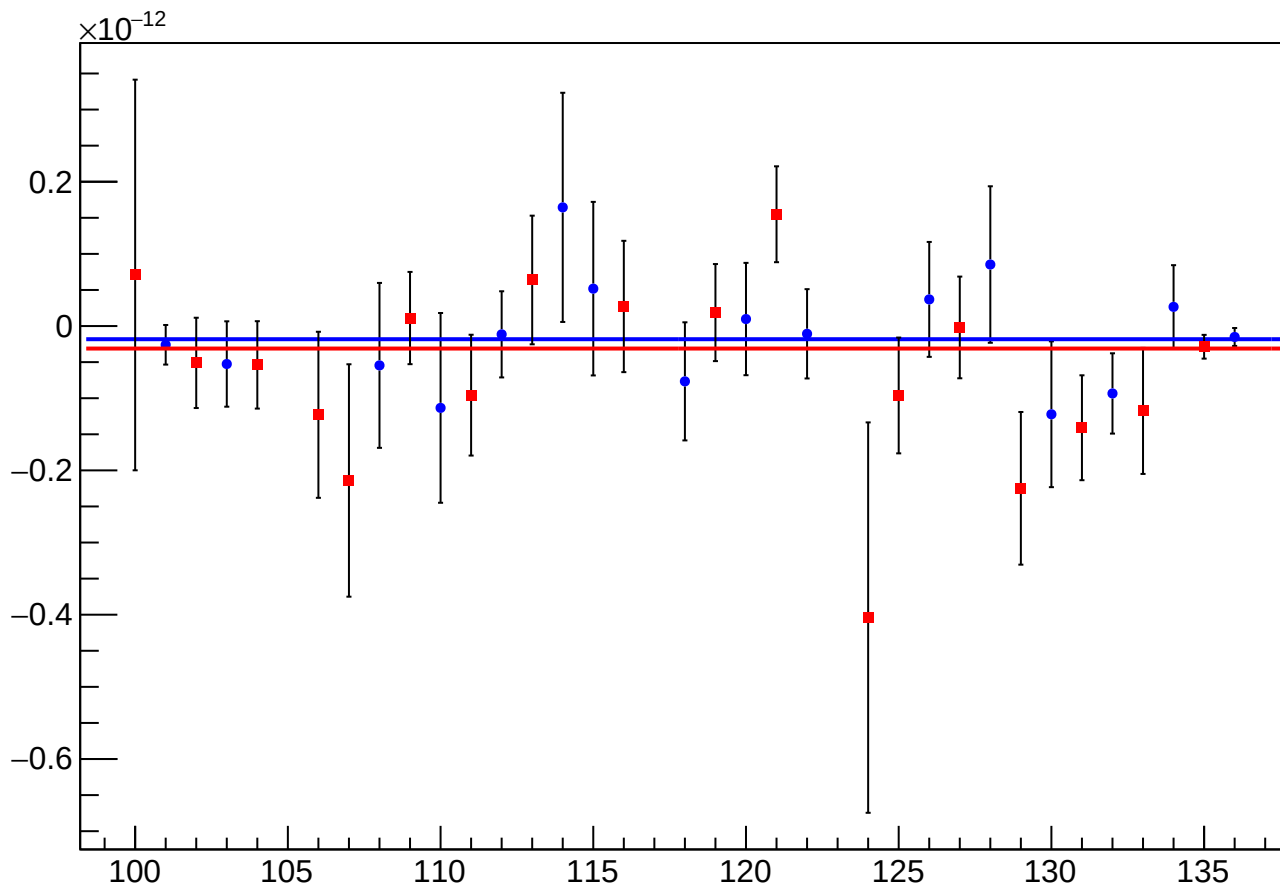
Right: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

In: 37.495+/-0.011 χ^2/NDF : 1983206.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.481+/-0.008 χ^2/NDF : 5125470.7/33

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 : 22.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

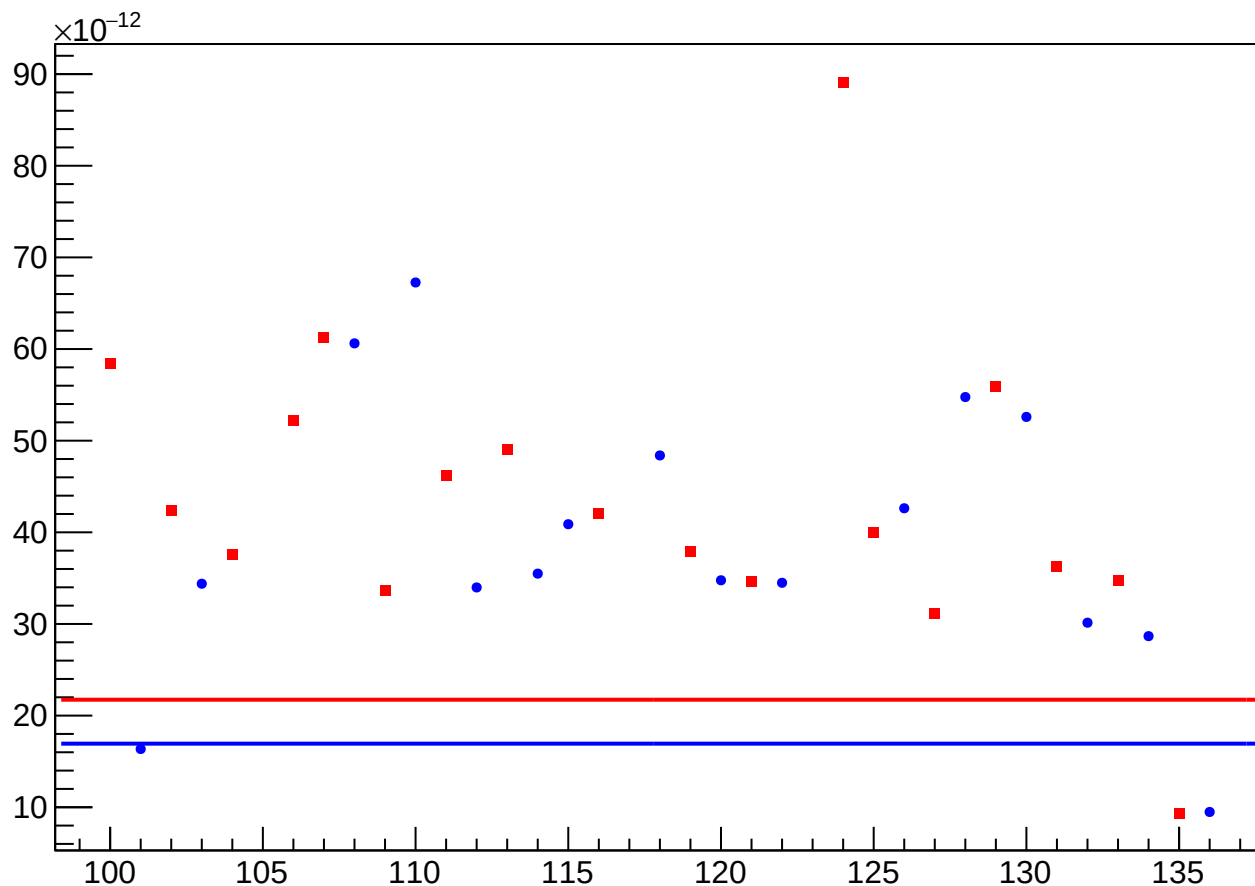
Right: -0.000+/-0.000 χ^2/NDF : 31.6/33

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 : 31.6/33

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 : 3107811.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

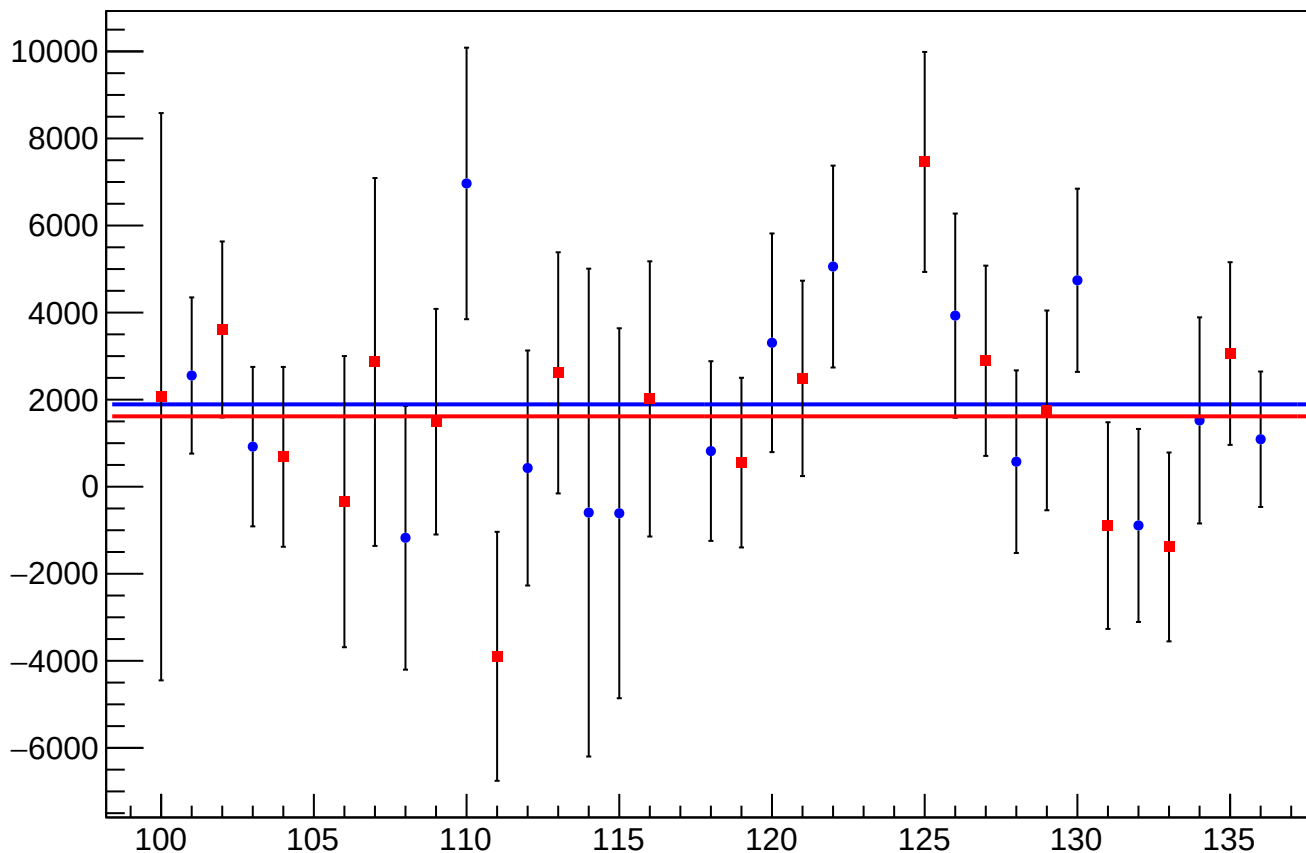
Right: 0.000+/-0.000 χ^2/NDF : 6492870.2/33

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 : 6492870.2/33

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: 1616.426+/-599.324 χ^2/NDF : 15.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

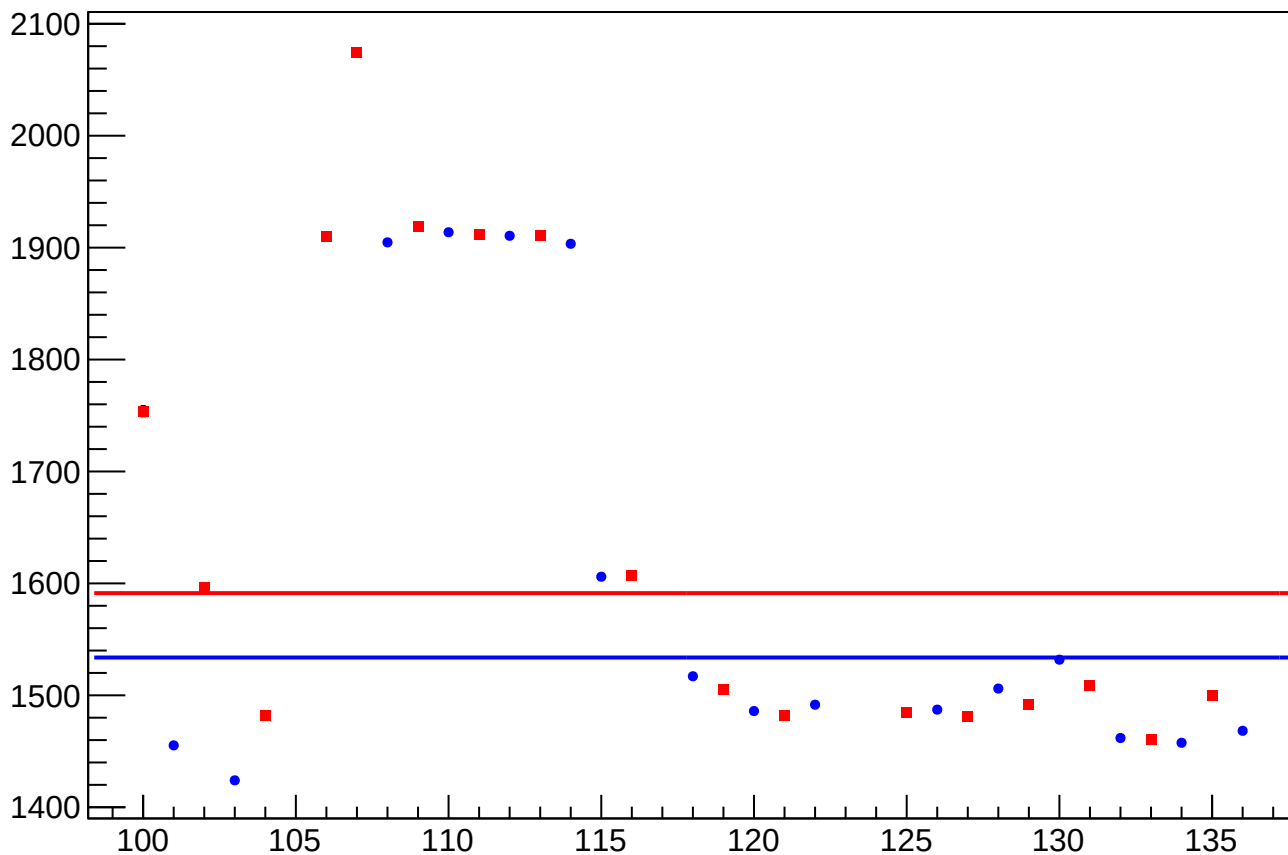
Right: 1760.295+/-413.880 χ^2/NDF : 27.5/32

In: 1891.457+/-572.244 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1760.295+/-413.880 χ^2/NDF : 27.5/32

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: 1591.305+/-0.424 χ^2/NDF : 169453.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

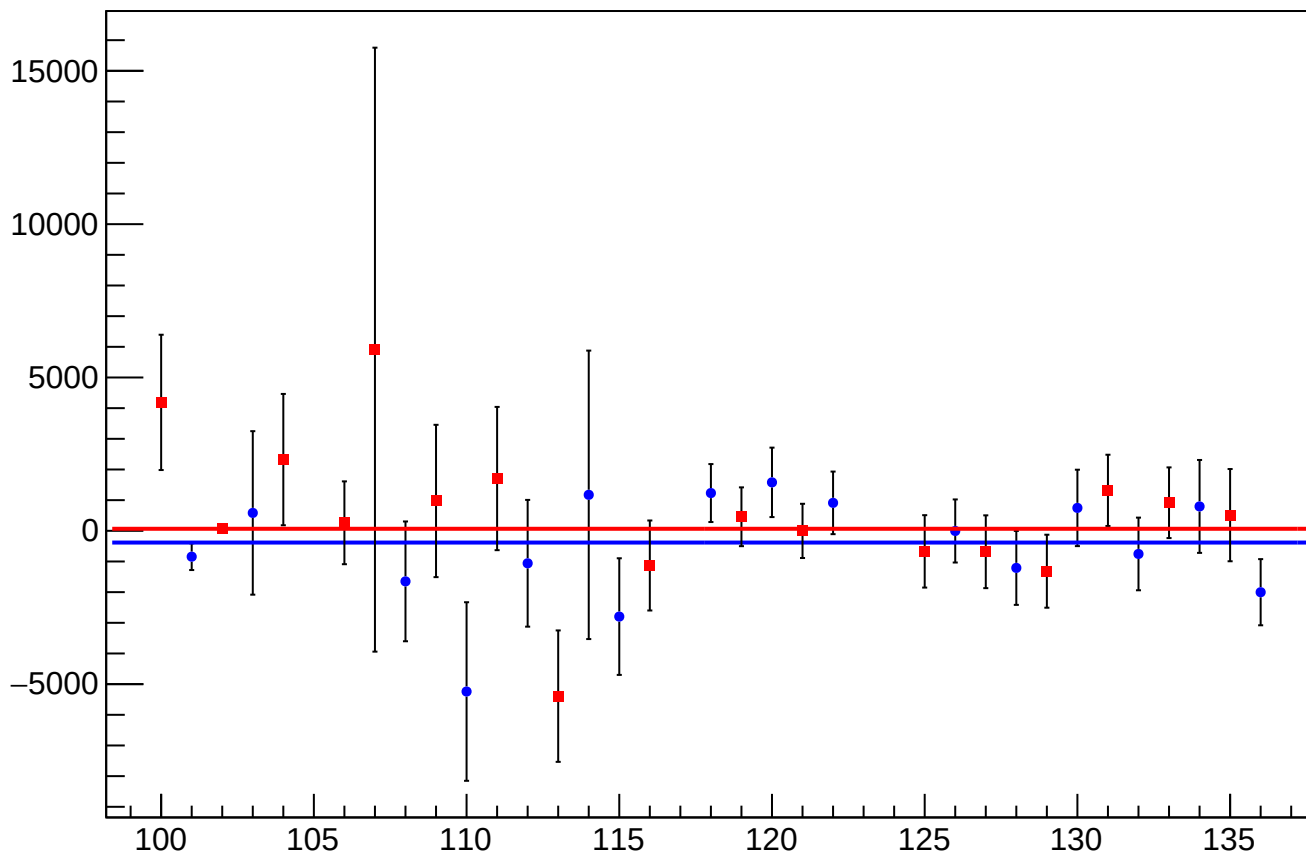
Right: 1561.209+/-0.293 χ^2/NDF : 308366.6/32

In: 1533.771+/-0.405 χ^2/NDF : 129271.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.209+/-0.293 χ^2/NDF : 308366.6/32

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: 66.326 ± 127.873 χ^2/NDF : 16.9/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

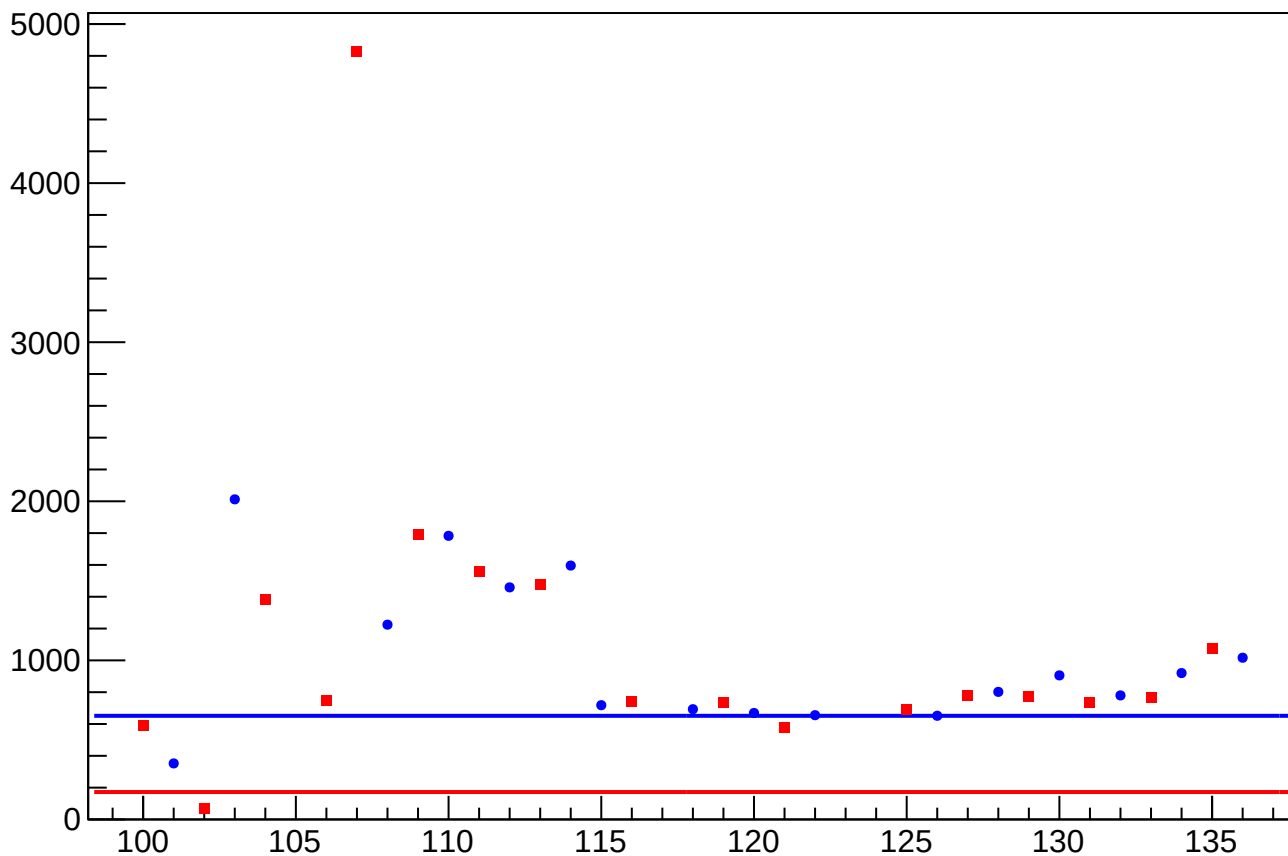
Right: -14.865 ± 115.739 χ^2/NDF : 37.3/32

In: -382.787 ± 272.209 χ^2/NDF : 18.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.865 ± 115.739 χ^2/NDF : 37.3/32

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: 172.386+/-0.090 χ^2/NDF : 9474558.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

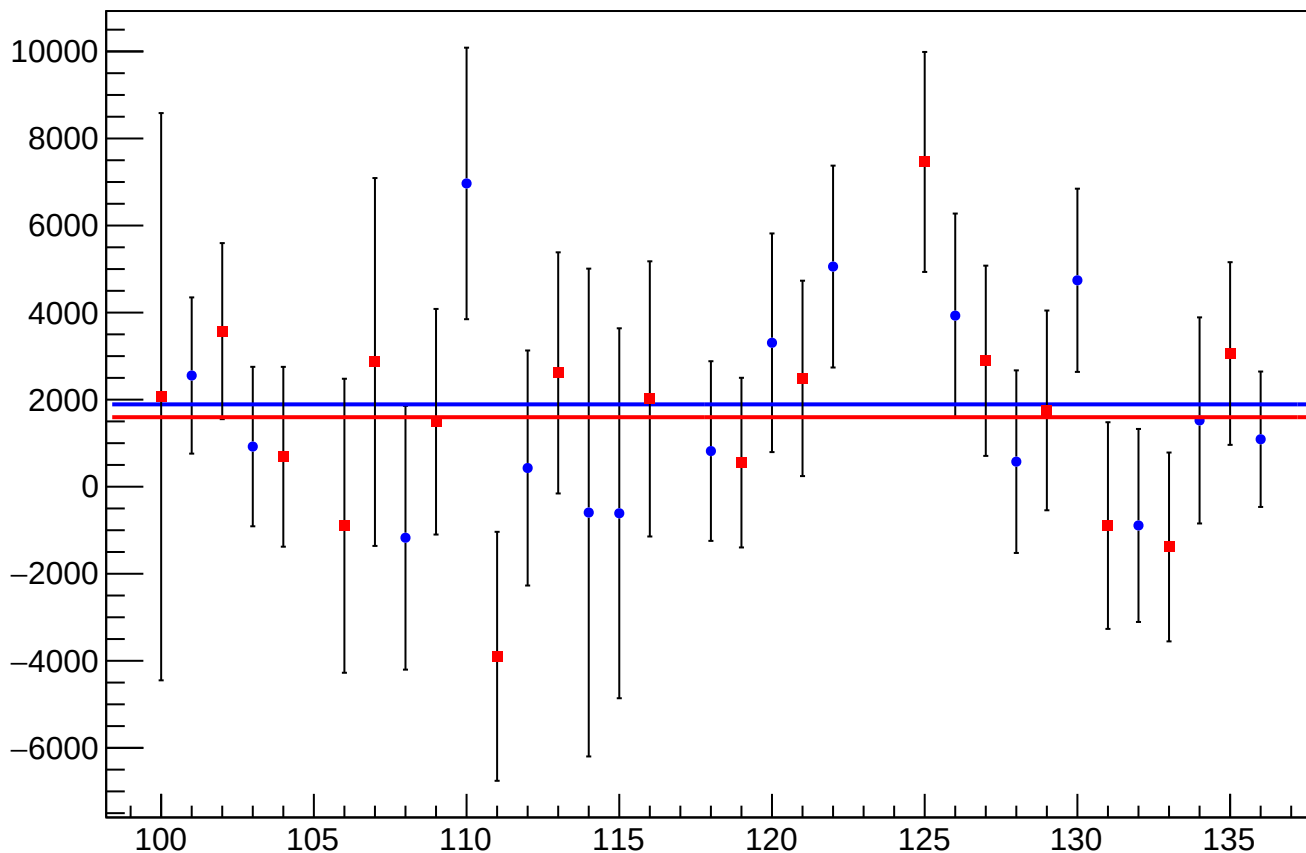
Right: 259.004+/-0.082 χ^2/NDF : 17313490.8/32

In: 651.523+/-0.192 χ^2/NDF : 2762656.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 259.004+/-0.082 χ^2/NDF : 17313490.8/32

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: 1596.780 $\pm$ 599.514 χ^2 /NDF: 15.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

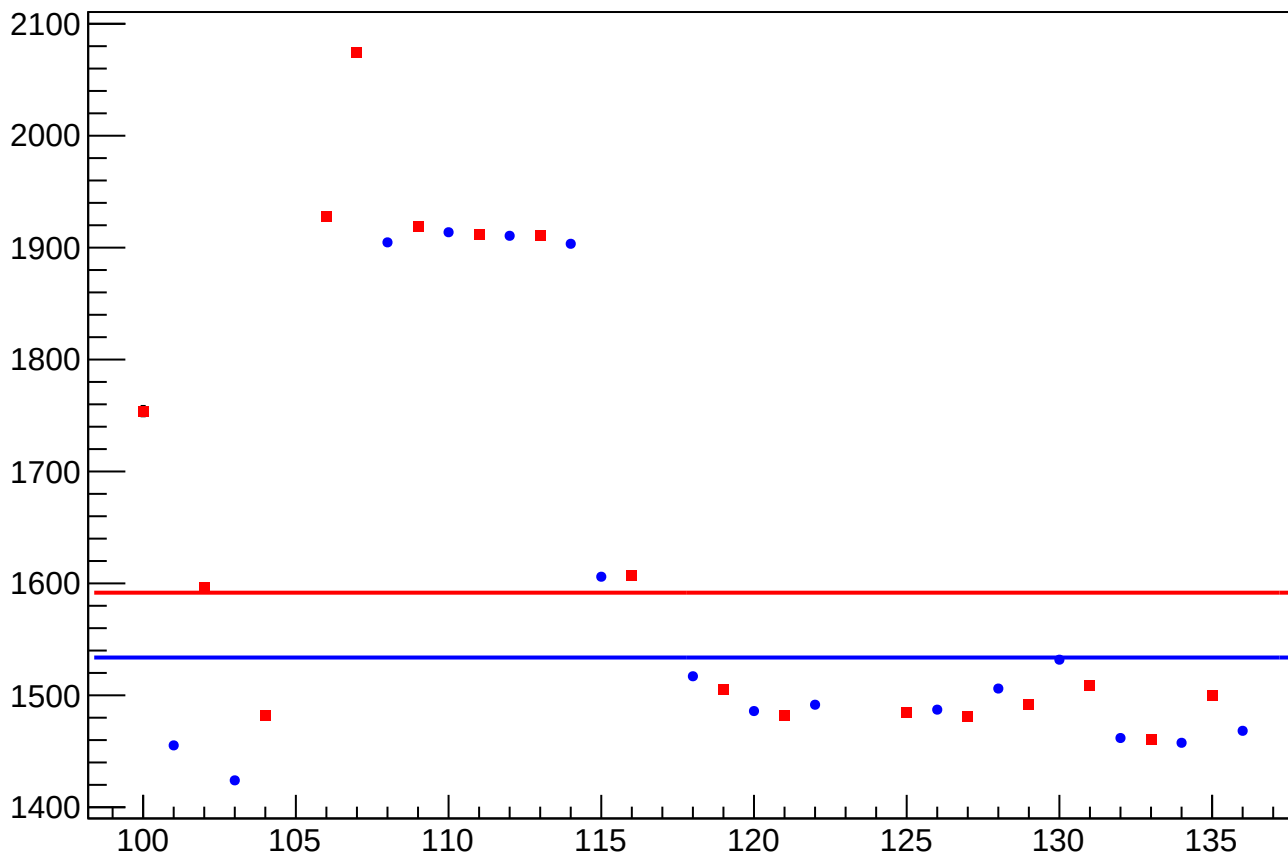
Right: 1751.027 $\pm$ 413.943 χ^2 /NDF: 27.6/32

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: 1751.027 $\pm$ 413.943 χ^2 /NDF: 27.6/32

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: 1591.705+/-0.424 χ^2/NDF : 171214.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

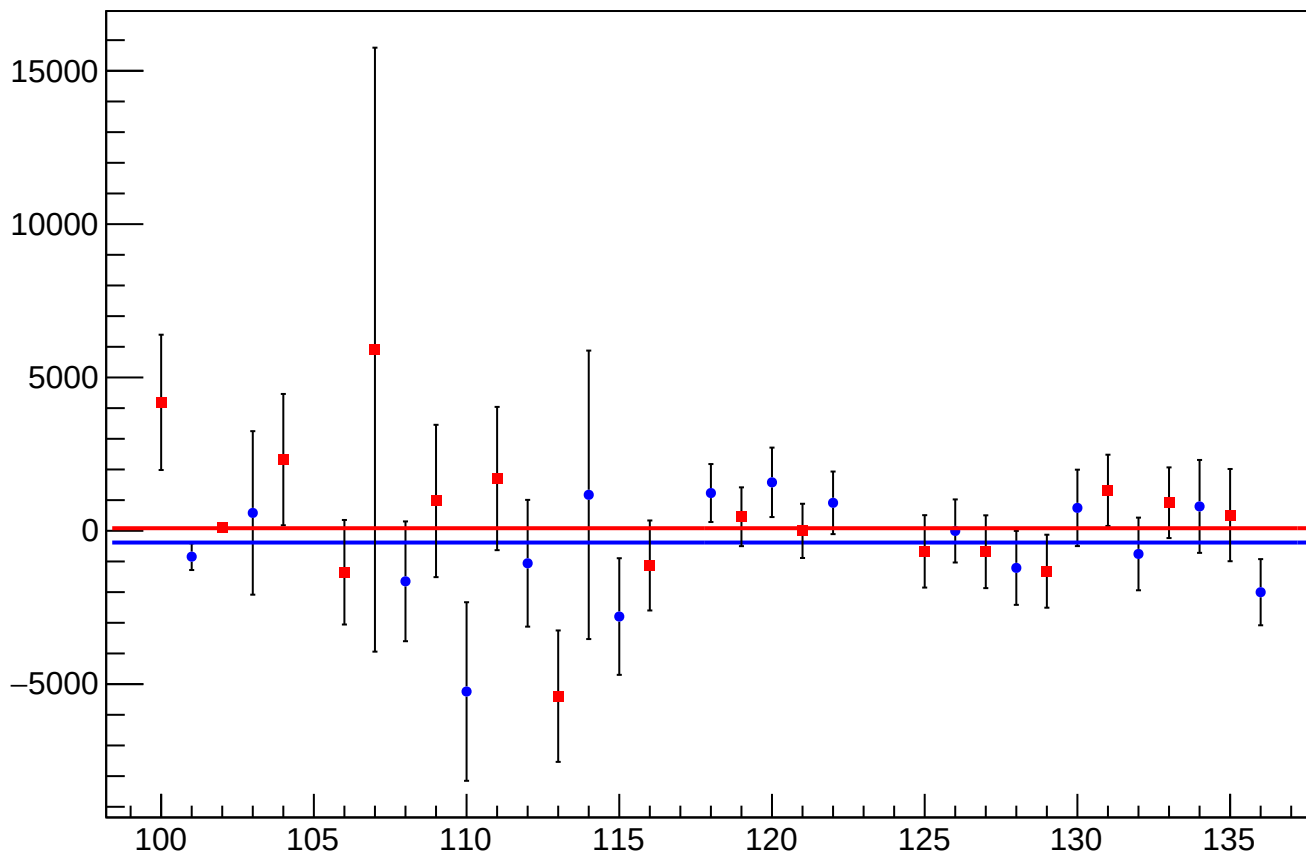
Right: 1561.391+/-0.293 χ^2/NDF : 310259.4/32

In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.391+/-0.293 χ^2/NDF : 310259.4/32

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: 84.242+/-138.355 χ^2/NDF : 17.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

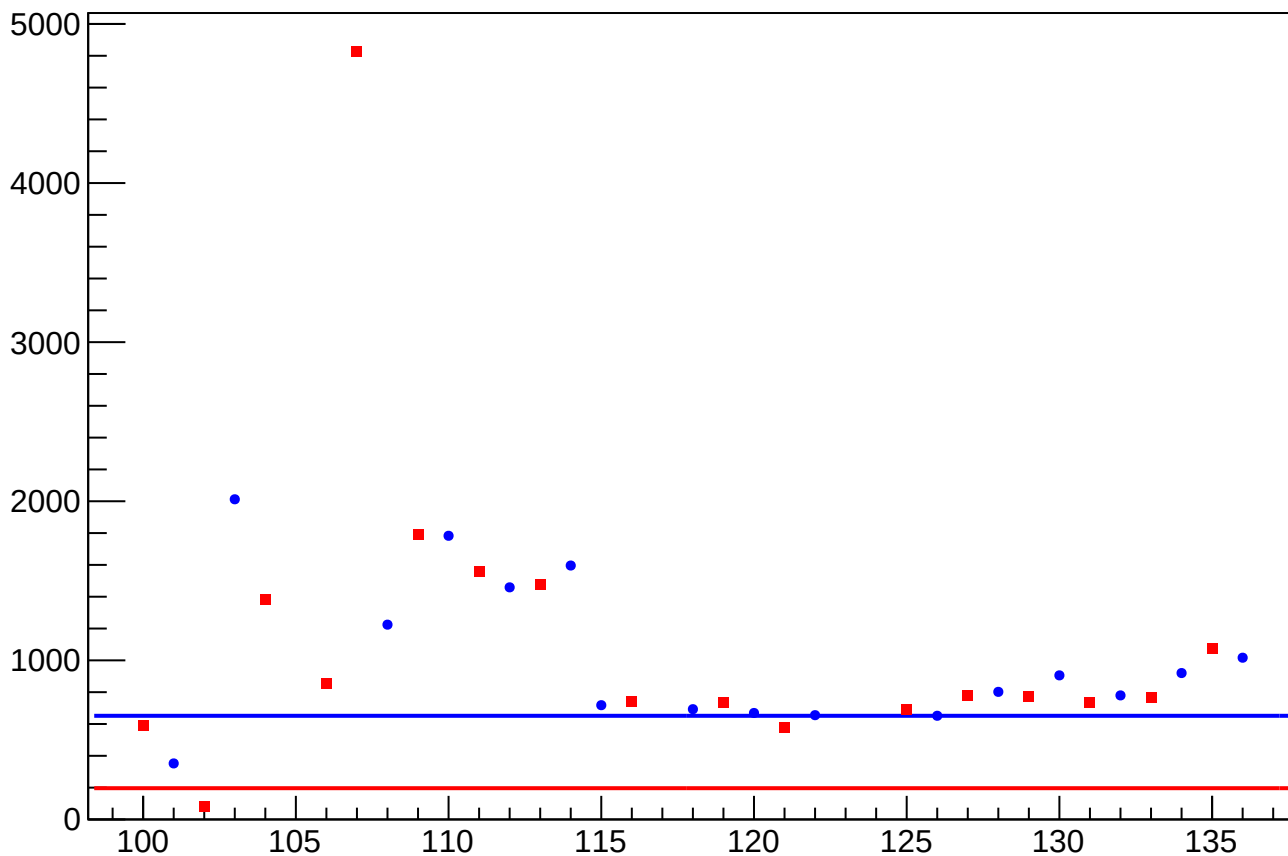
Right: -11.634+/-123.338 χ^2/NDF : 38.1/32

In: -382.761+/-272.209 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.634+/-123.338 χ^2/NDF : 38.1/32

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: 196.479+/-0.098 χ^2/NDF : 9012861.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

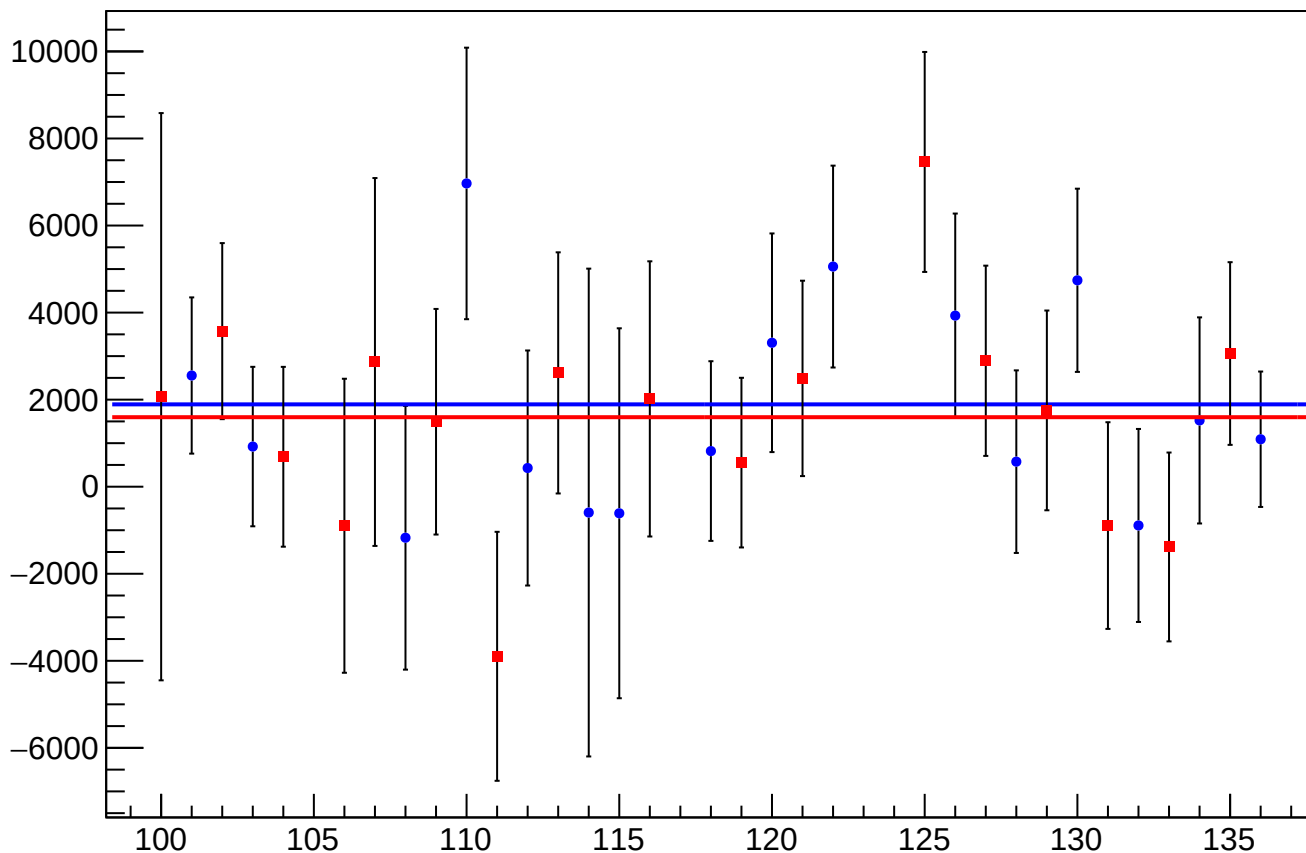
Right: 289.900+/-0.087 χ^2/NDF : 16217057.6/32

In: 651.521+/-0.192 χ^2/NDF : 2762681.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.900+/-0.087 χ^2/NDF : 16217057.6/32

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: 1596.780+/-599.514 χ^2/NDF : 15.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

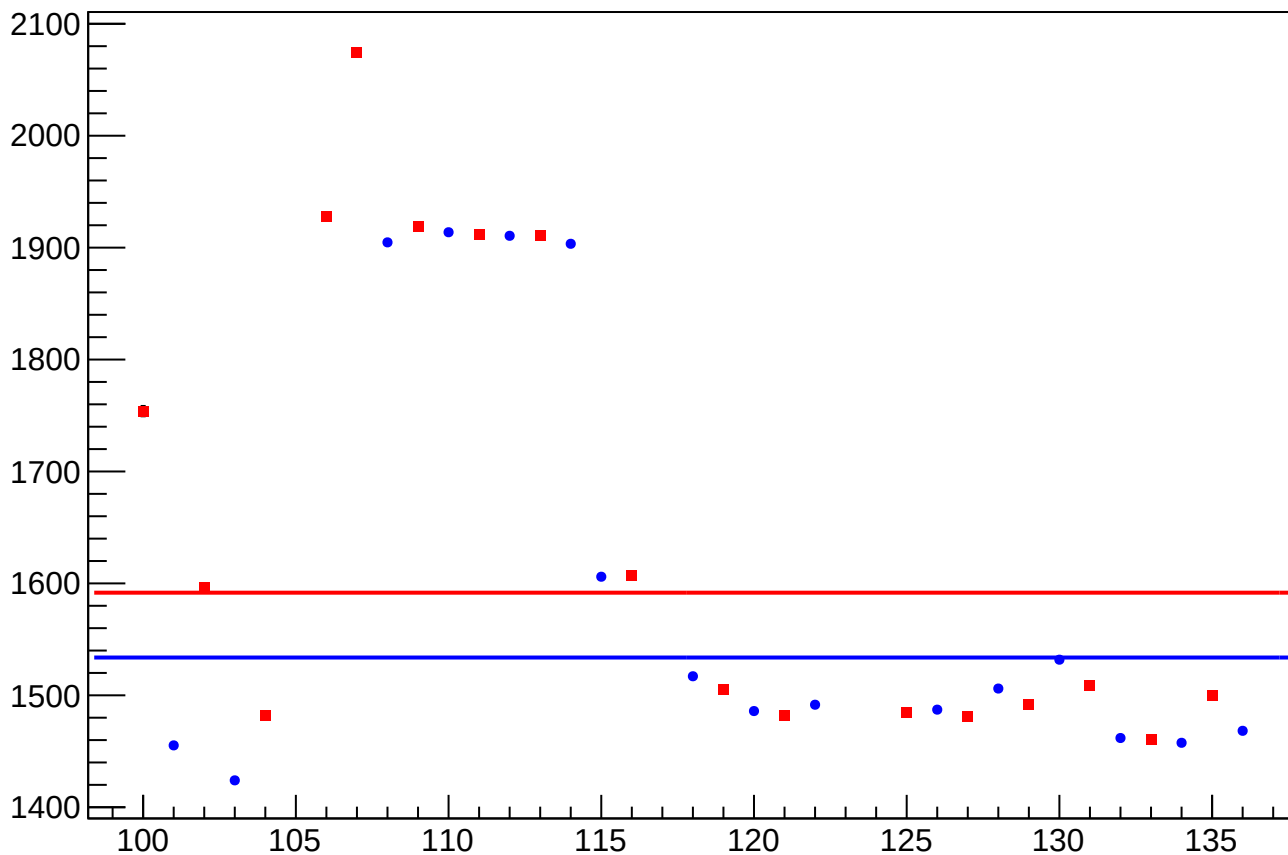
Right: 1751.027+/-413.943 χ^2/NDF : 27.6/32

In: 1891.562+/-572.244 χ^2/NDF : 12.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1751.027+/-413.943 χ^2/NDF : 27.6/32

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: 1591.705+/-0.424 χ^2/NDF : 171214.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

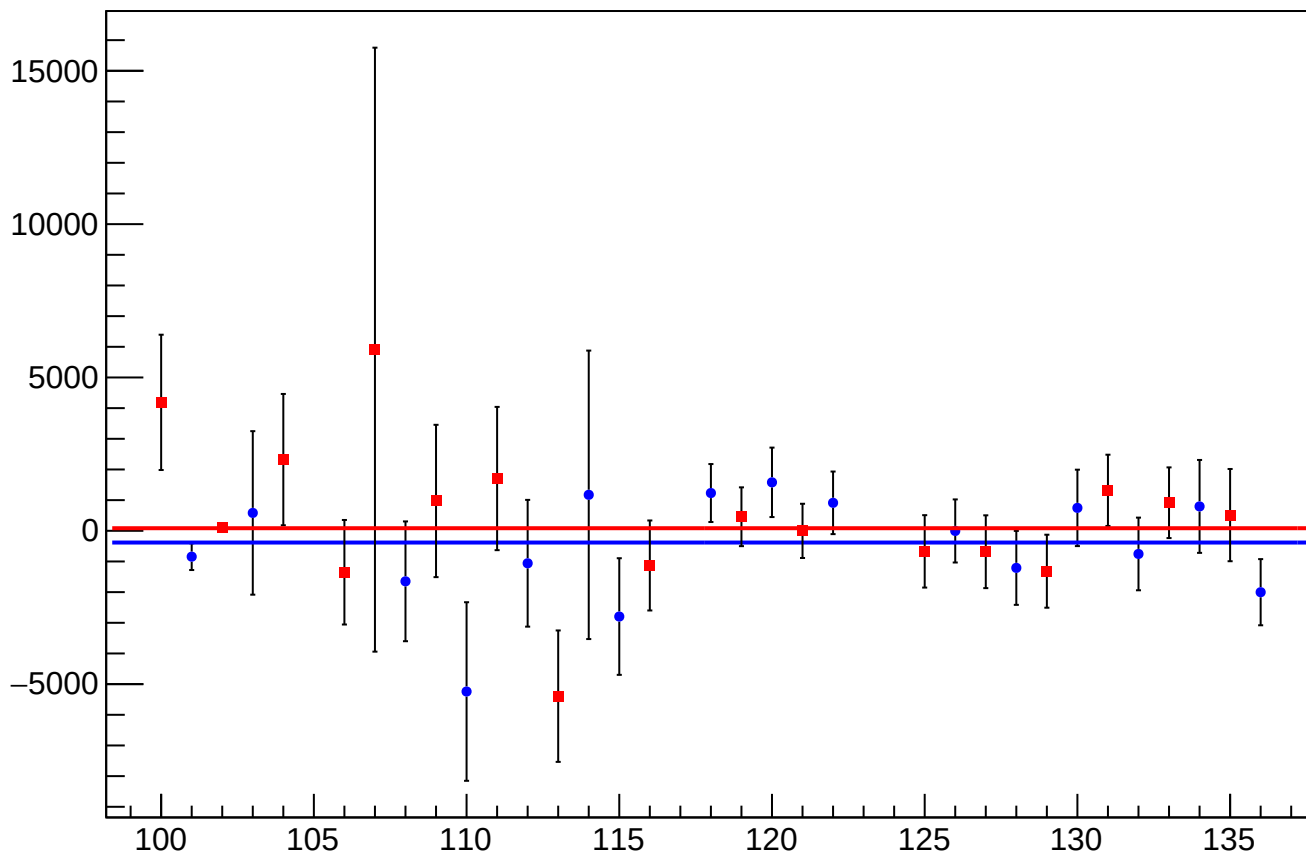
Right: 1561.391+/-0.293 χ^2/NDF : 310259.4/32

In: 1533.771+/-0.405 χ^2/NDF : 129271.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1561.391+/-0.293 χ^2/NDF : 310259.4/32

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: 84.242+/-138.355 χ^2 /NDF: 17.6/16

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

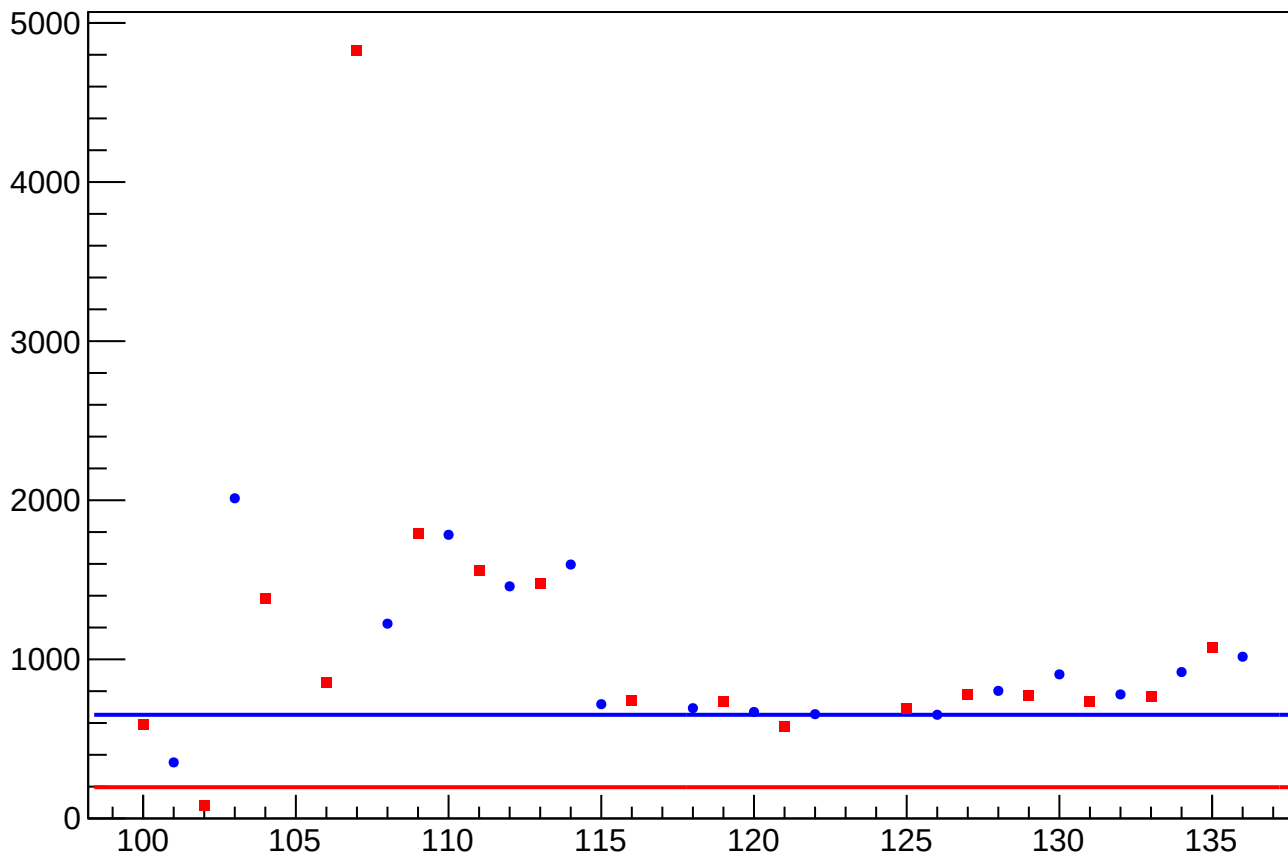
Right: -11.634+/-123.338 χ^2 /NDF: 38.1/32

In: -382.761+/-272.209 χ^2 /NDF: 18.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -11.634+/-123.338 χ^2 /NDF: 38.1/32

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: 196.479+/-0.098 χ^2/NDF : 9012861.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

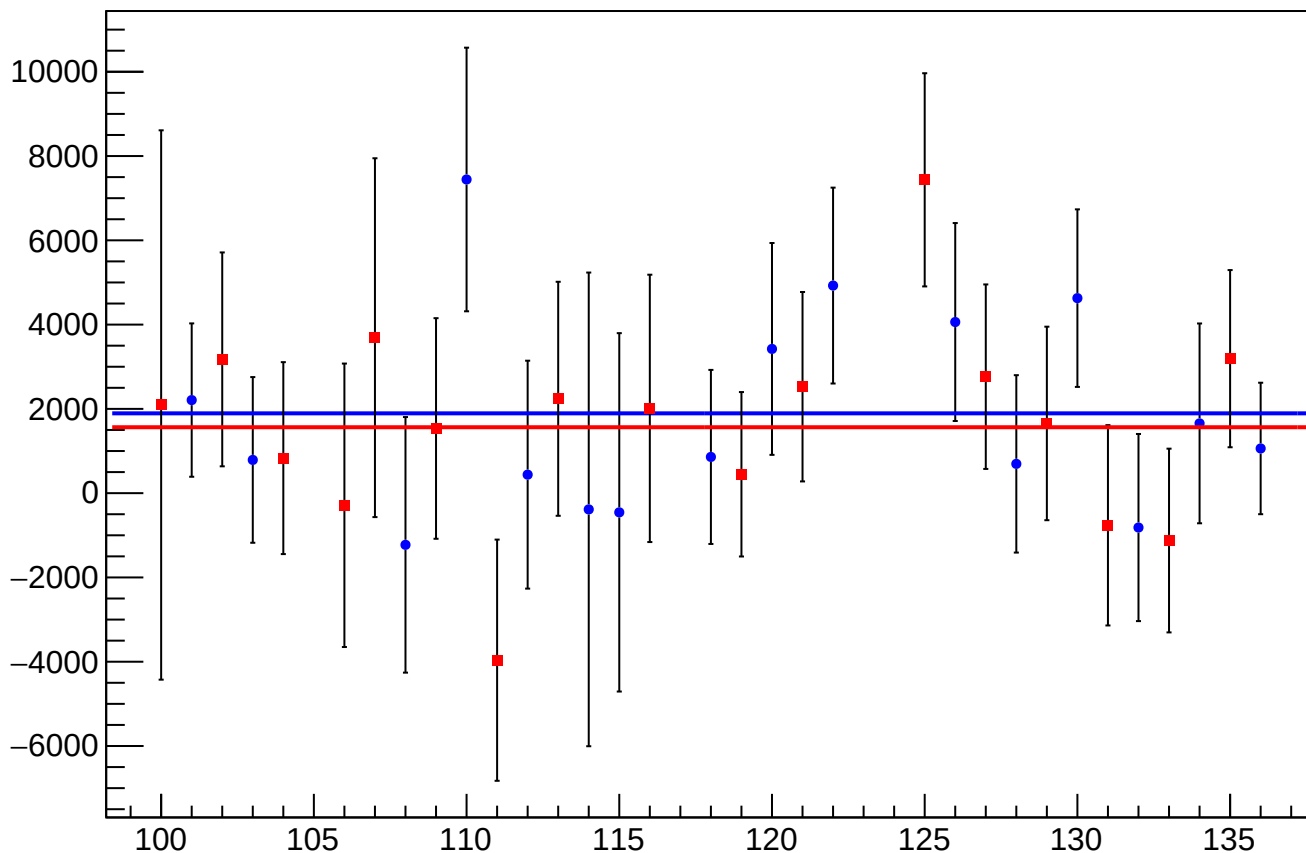
Right: 289.900+/-0.087 χ^2/NDF : 16217057.6/32

In: 651.521+/-0.192 χ^2/NDF : 2762681.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 289.900+/-0.087 χ^2/NDF : 16217057.6/32

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: 1564.482+/-615.308 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

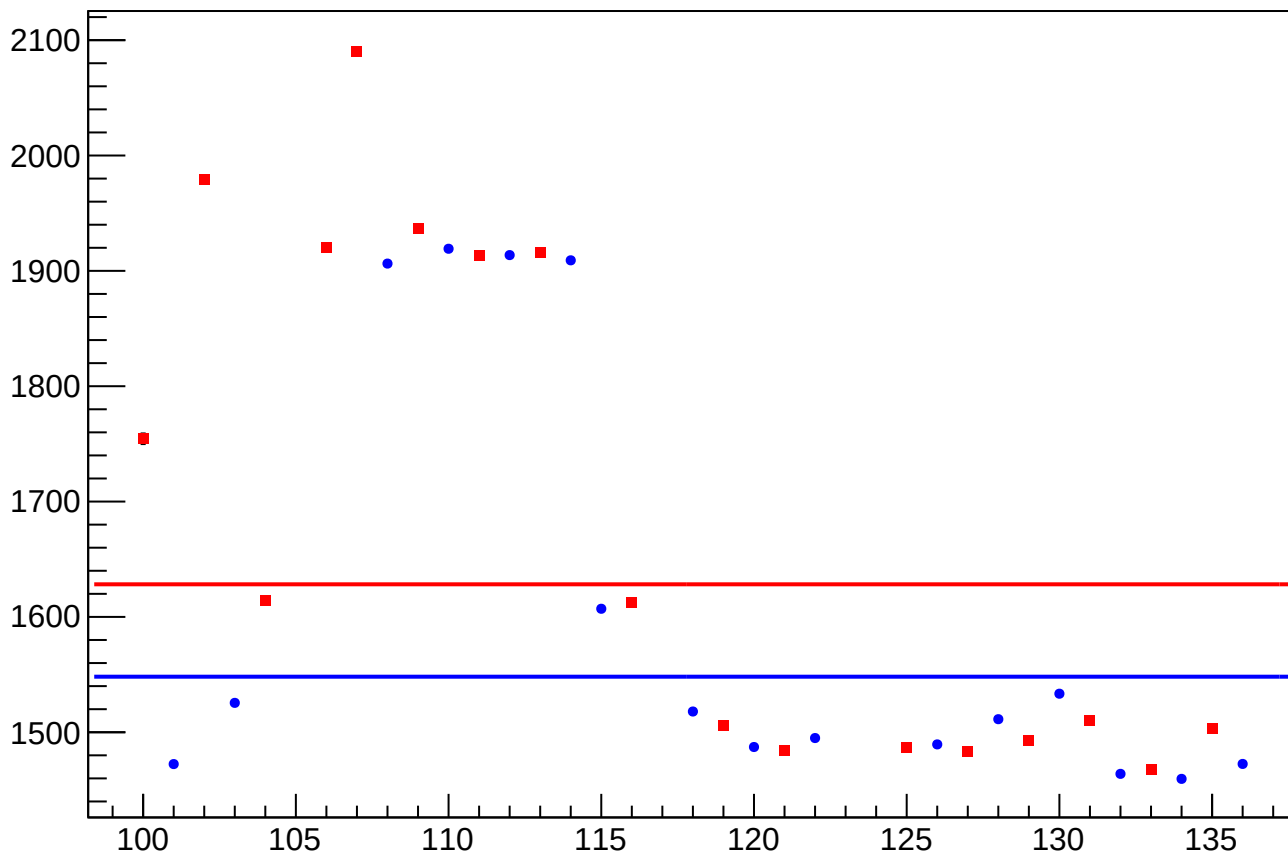
Right: 1739.729+/-421.137 χ^2/NDF : 26.6/32

In: 1894.171+/-577.631 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.729+/-421.137 χ^2/NDF : 26.6/32

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: 1628.267+/-0.435 χ^2/NDF : 207719.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

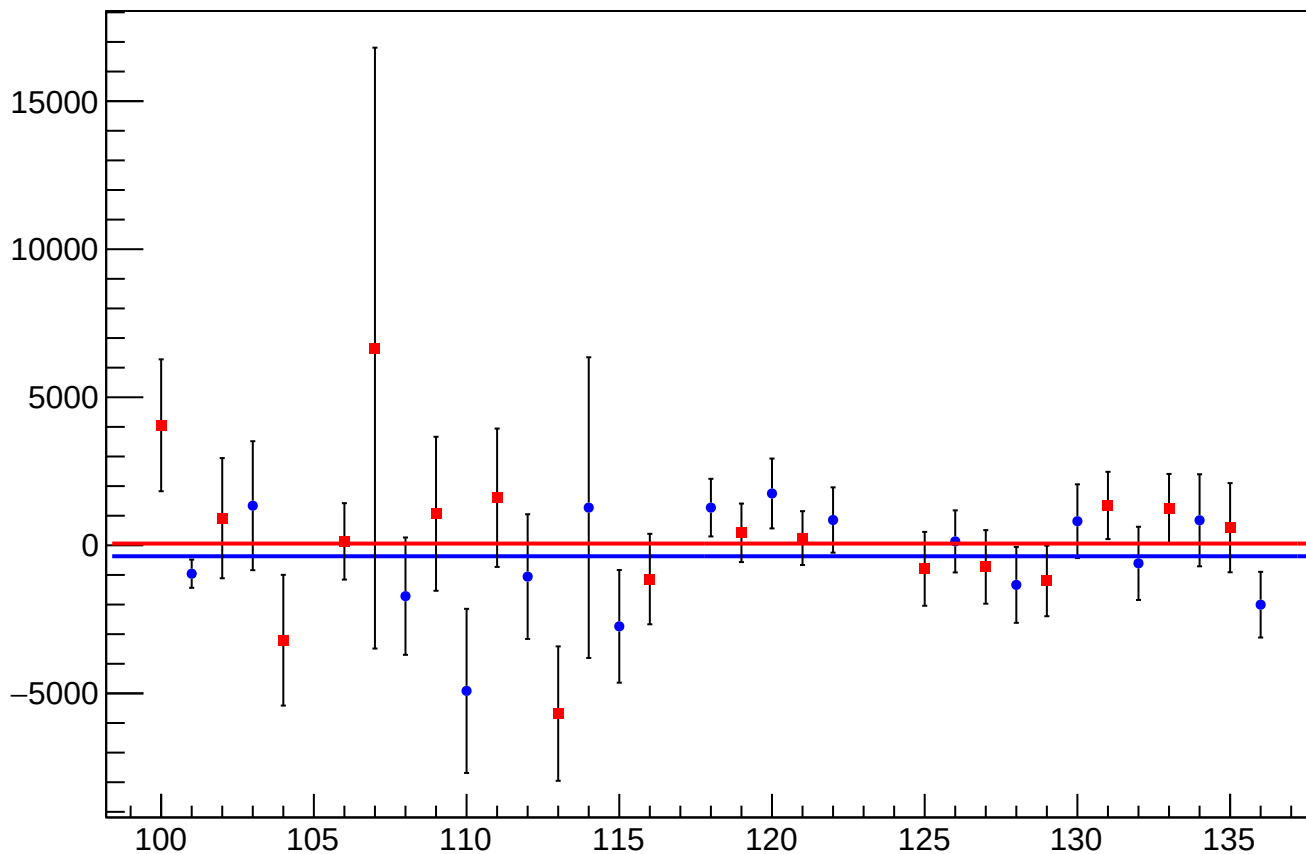
Right: 1585.693+/-0.298 χ^2/NDF : 345637.6/32

In: 1548.174+/-0.408 χ^2/NDF : 119905.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.693+/-0.298 χ^2/NDF : 345637.6/32

asym_usl_atl1_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -368.708+/-286.577 χ^2/NDF : 18.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.875+/-345.204 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

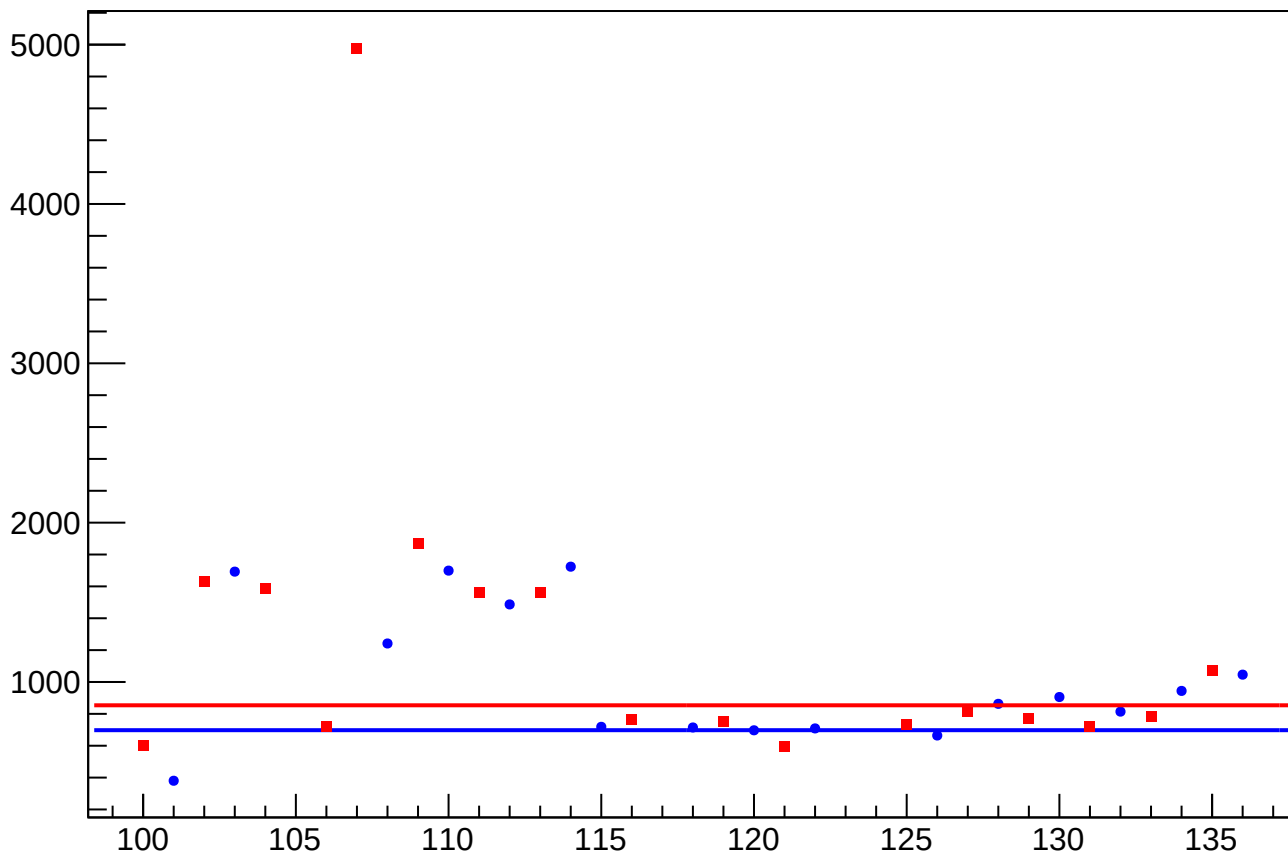
Right: -193.848+/-220.497 χ^2/NDF : 38.0/32

In: -368.708+/-286.577 χ^2/NDF : 18.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -193.848+/-220.497 χ^2/NDF : 38.0/32

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: 853.737+/-0.244 χ^2/NDF : 1866946.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

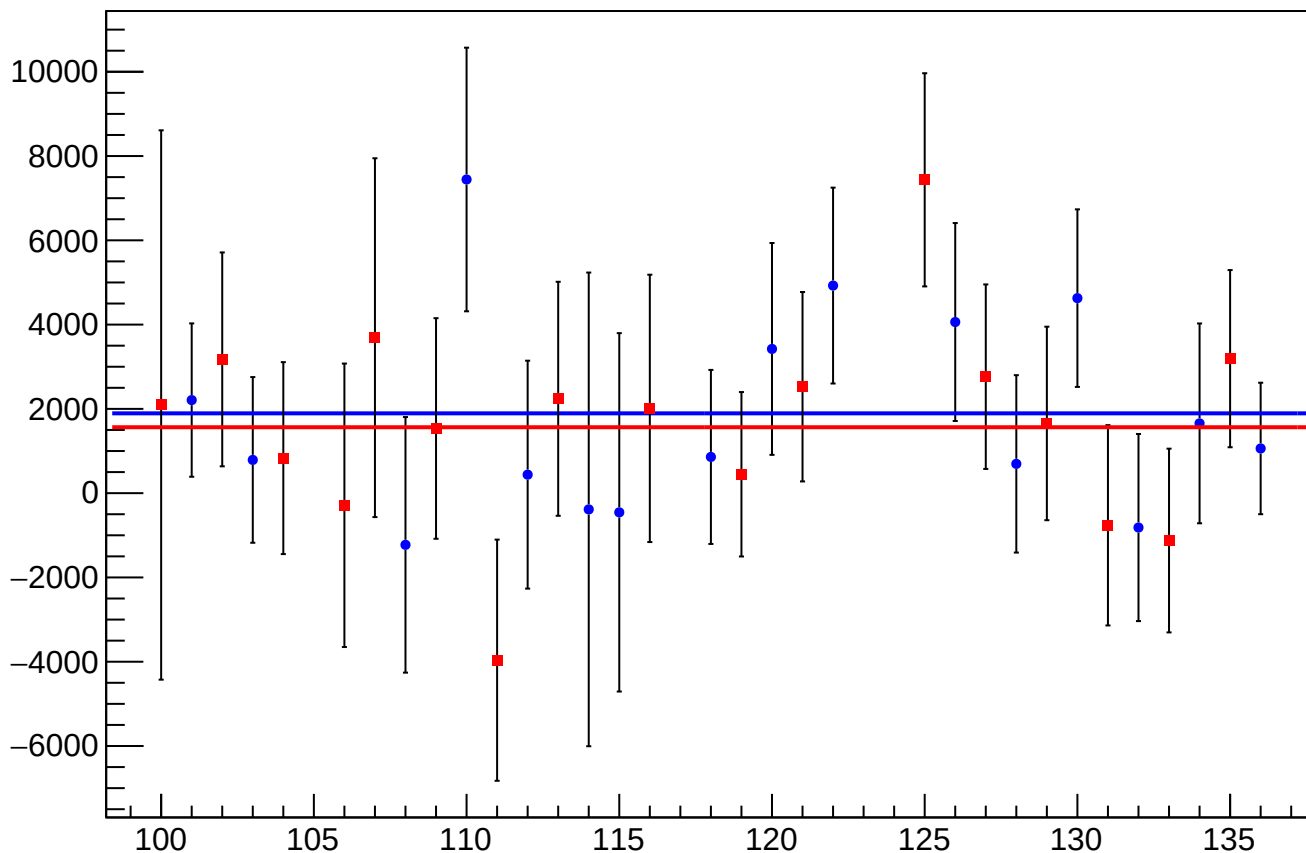
Right: 761.254+/-0.156 χ^2/NDF : 4545029.8/32

In: 697.517+/-0.203 χ^2/NDF : 2435601.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.254+/-0.156 χ^2/NDF : 4545029.8/32

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: 1564.480+/-615.308 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

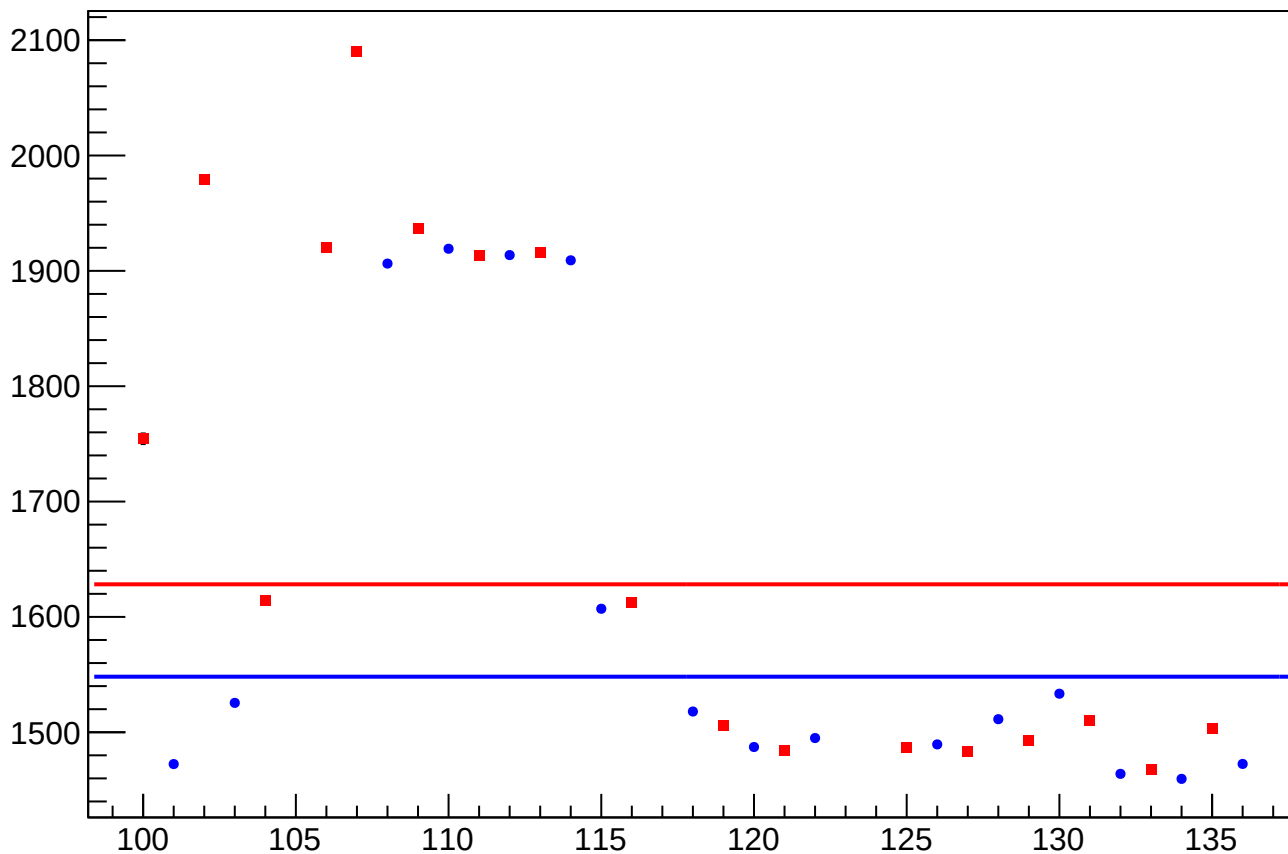
Right: 1739.727+/-421.137 χ^2/NDF : 26.6/32

In: 1894.169+/-577.630 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.727+/-421.137 χ^2/NDF : 26.6/32

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: 1628.266+/-0.435 χ^2/NDF : 207719.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

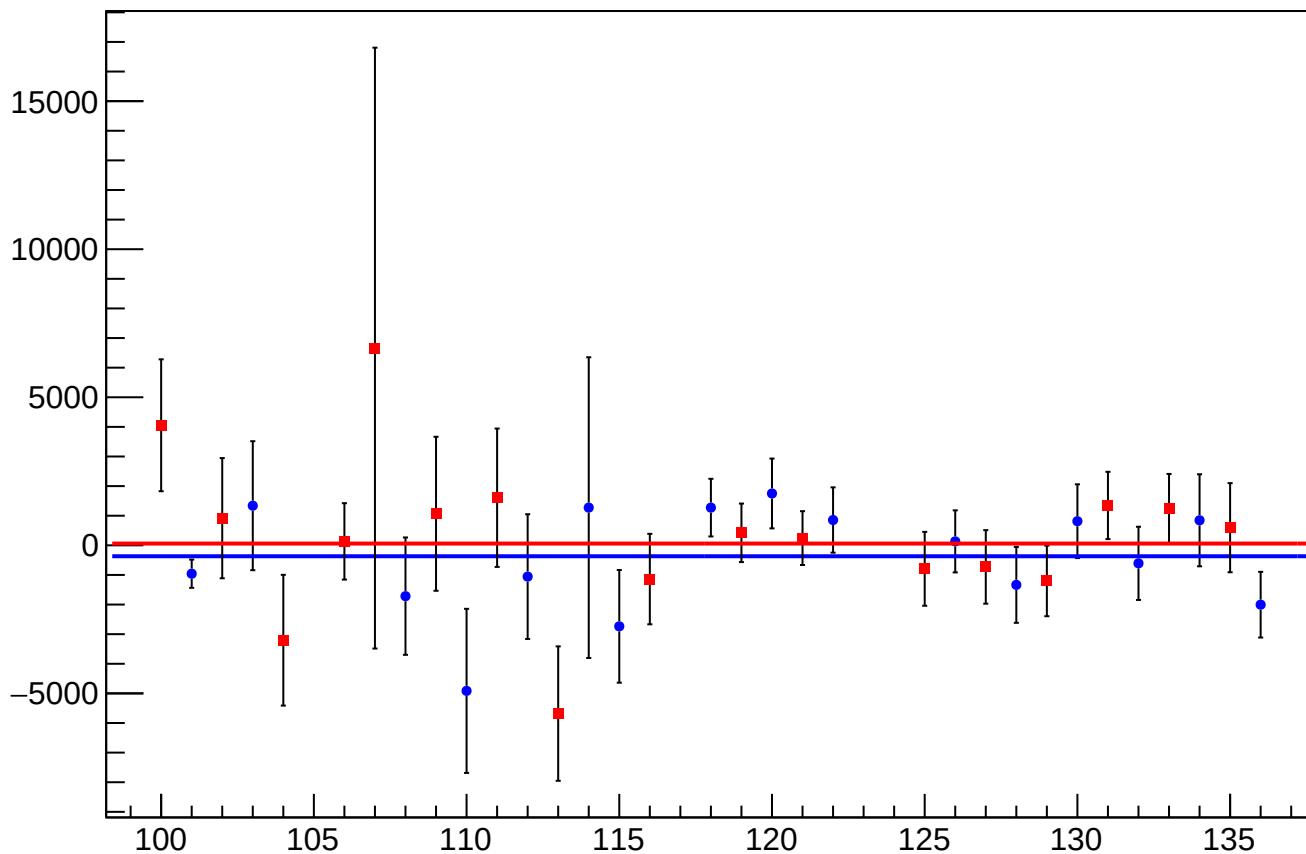
Right: 1585.693+/-0.298 χ^2/NDF : 345637.5/32

In: 1548.174+/-0.408 χ^2/NDF : 119905.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1585.693+/-0.298 χ^2/NDF : 345637.5/32

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: 59.875 $\pm$ 345.203 χ^2 /NDF: 18.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

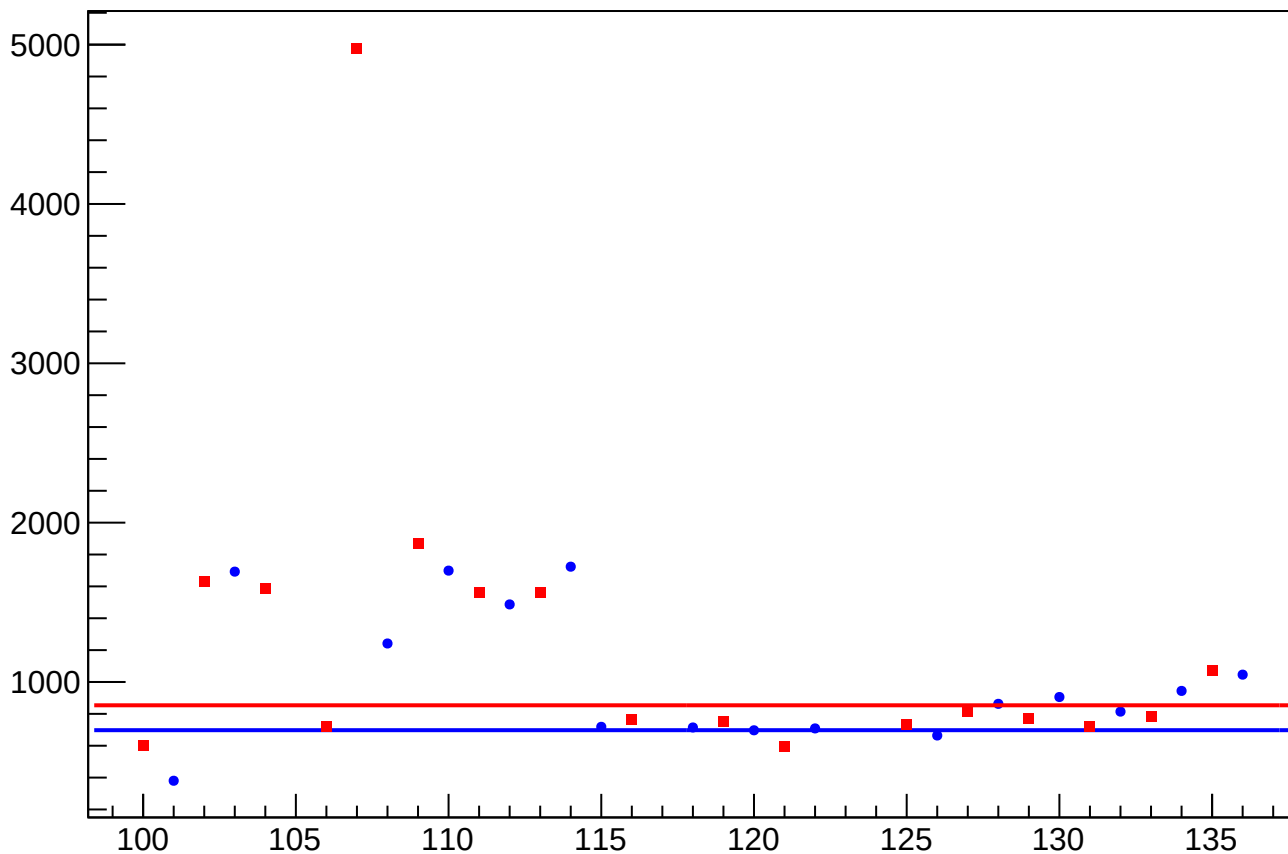
Right: -193.847 $\pm$ 220.497 χ^2 /NDF: 38.0/32

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: -193.847 $\pm$ 220.497 χ^2 /NDF: 38.0/32

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: 853.735+/-0.244 χ^2/NDF : 1866955.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

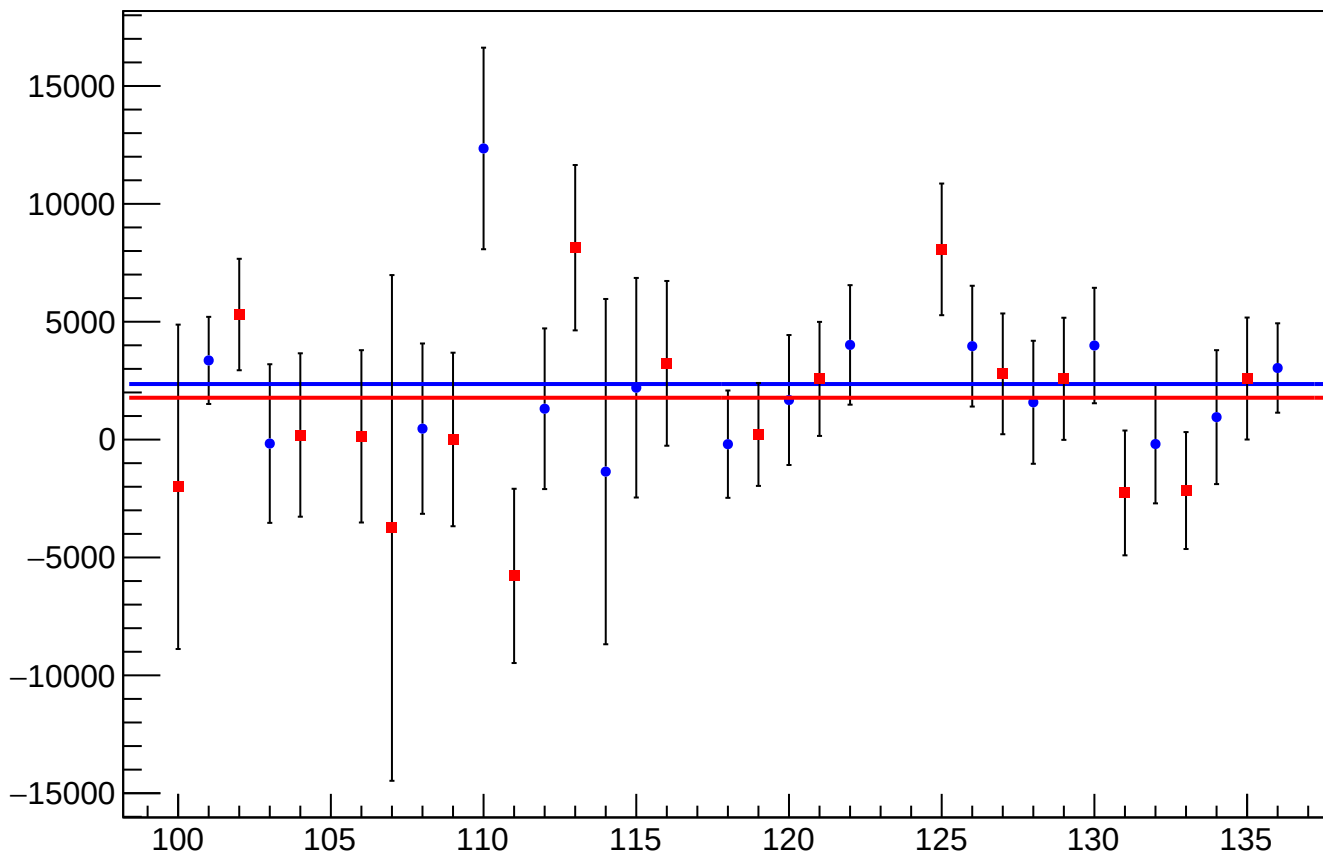
Right: 761.253+/-0.156 χ^2/NDF : 4545027.1/32

In: 697.517+/-0.203 χ^2/NDF : 2435593.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 761.253+/-0.156 χ^2/NDF : 4545027.1/32

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: 1775.440+/-717.544 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

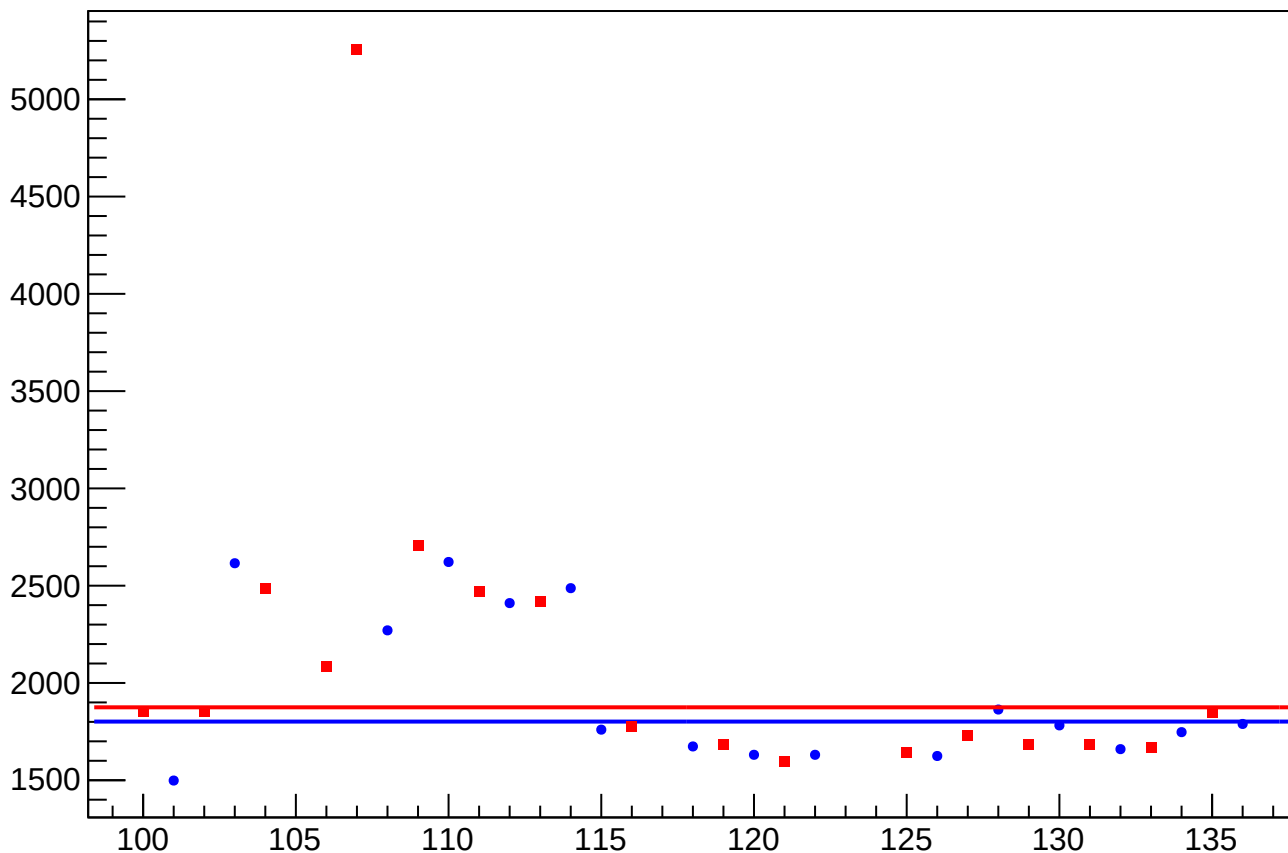
Right: 2082.281+/-493.167 χ^2/NDF : 33.3/32

In: 2356.998+/-678.944 χ^2/NDF : 11.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2082.281+/-493.167 χ^2/NDF : 33.3/32

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: 1874.848+/-0.507 χ^2/NDF : 569809.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

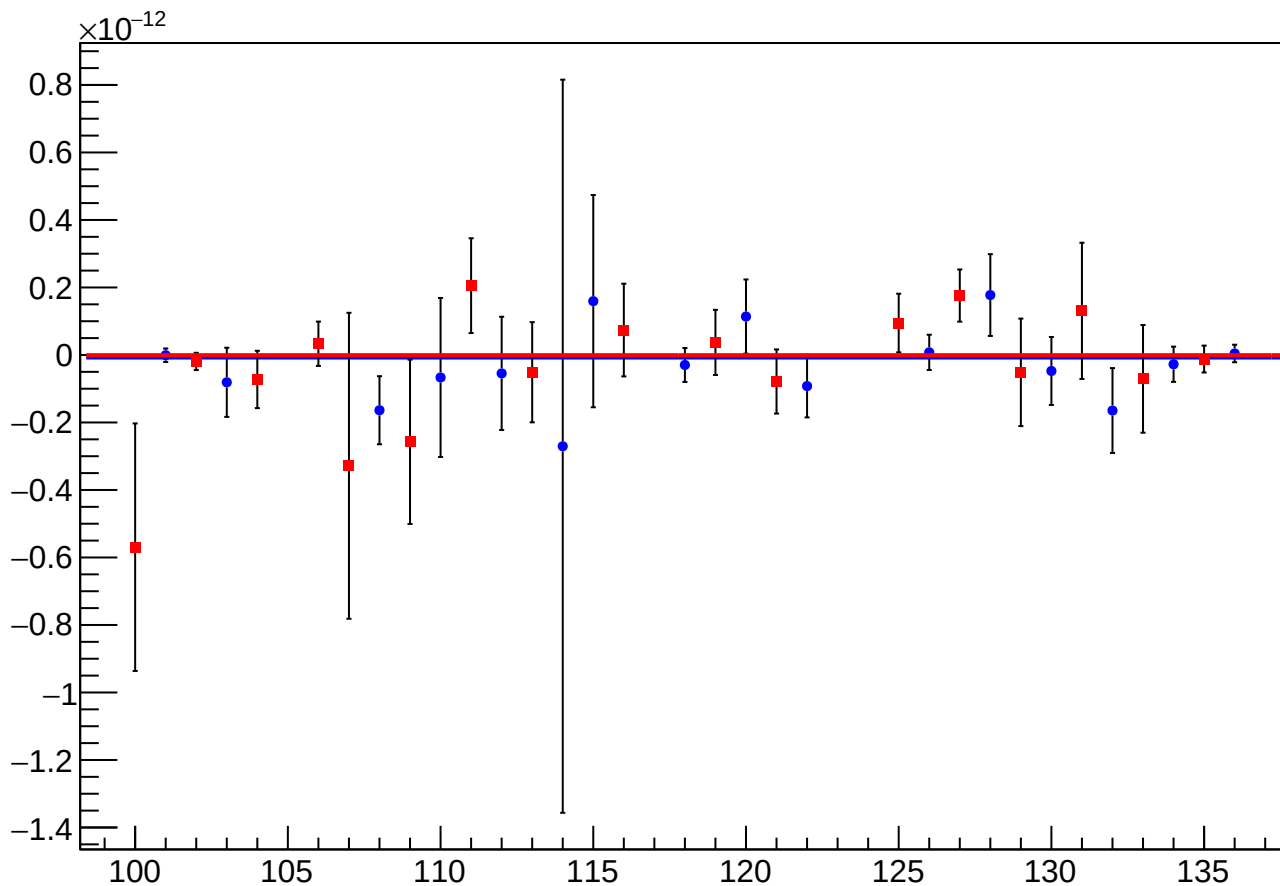
Right: 1836.163+/-0.349 χ^2/NDF : 981529.8/32

In: 1801.529+/-0.480 χ^2/NDF : 400702.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1836.163+/-0.349 χ^2/NDF : 981529.8/32

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: 16.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

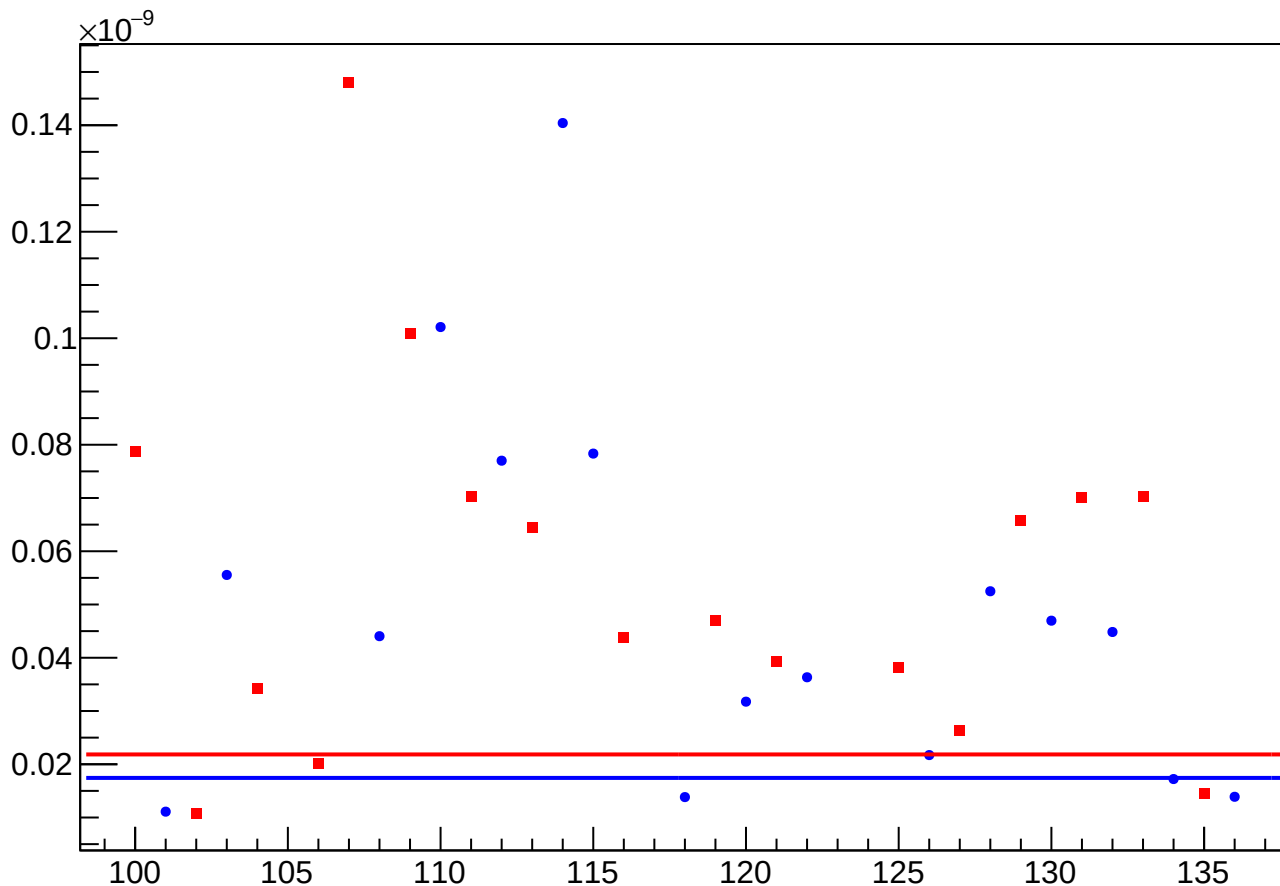
Right: -0.000+/-0.000 χ^2 /NDF: 26.5/32

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: 26.5/32

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 : 2089734.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

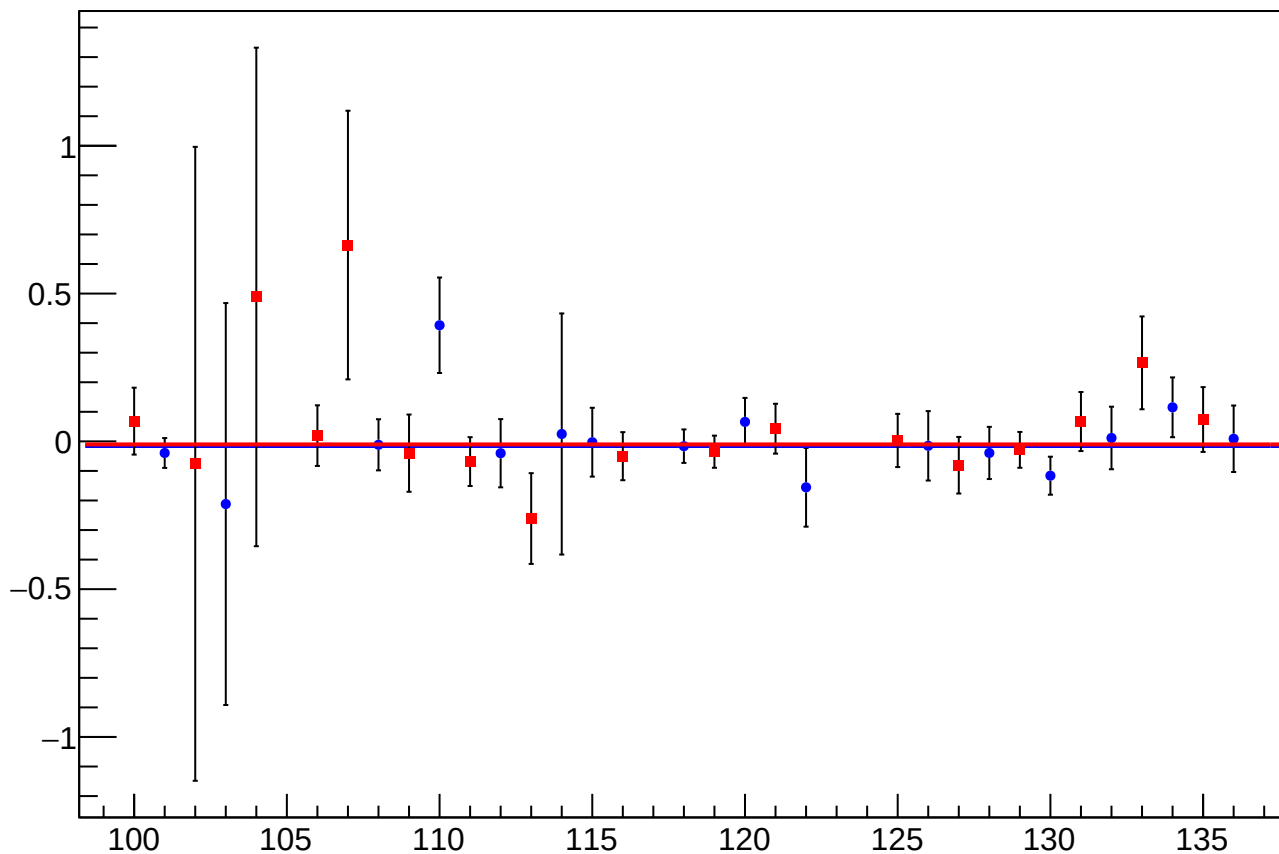
Right: 0.000+/-0.000 χ^2/NDF : 4012022.2/32

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 : 4012022.2/32

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: -0.010+/-0.024 χ^2 /NDF: 12.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

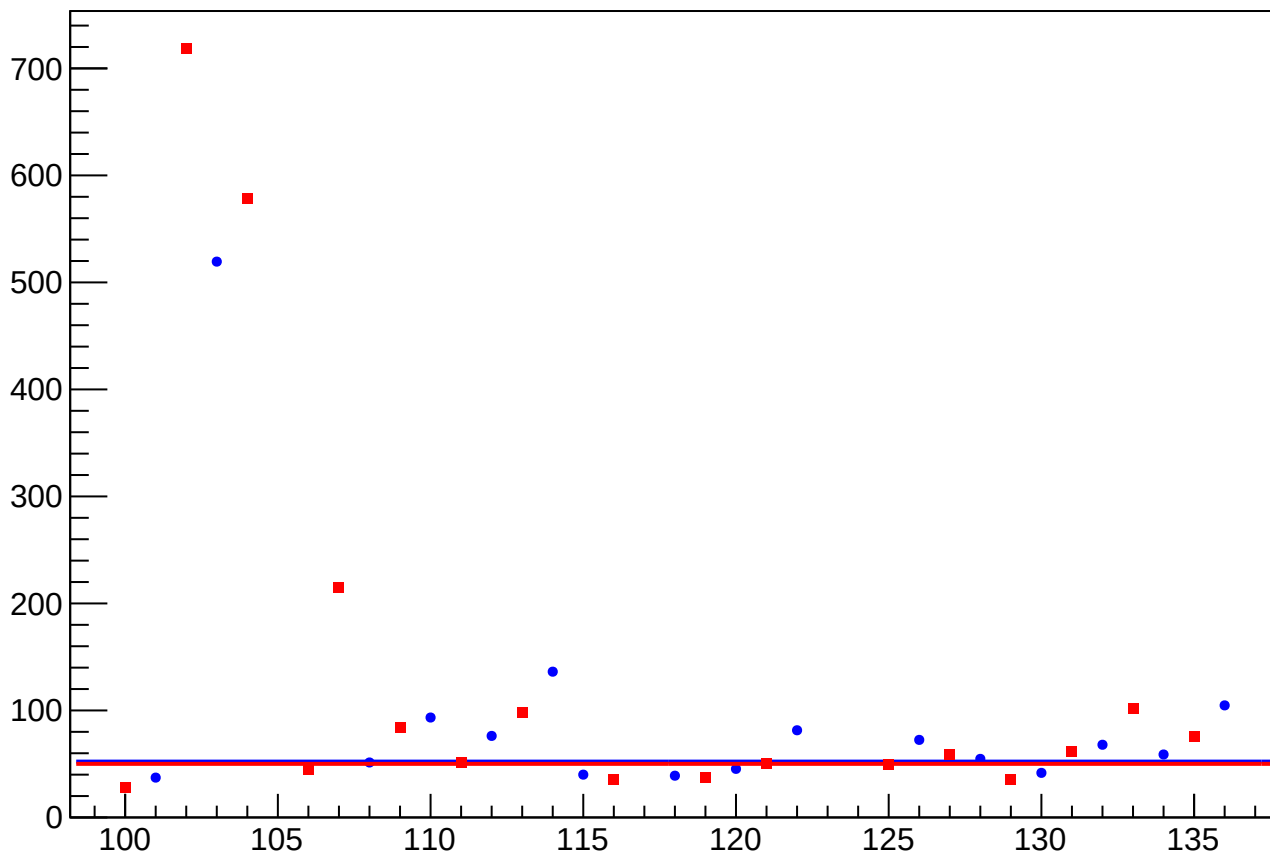
Right: -0.013+/-0.016 χ^2 /NDF: 25.3/32

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: 25.3/32

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: 50.097+/-0.017 χ^2/NDF : 2889169.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

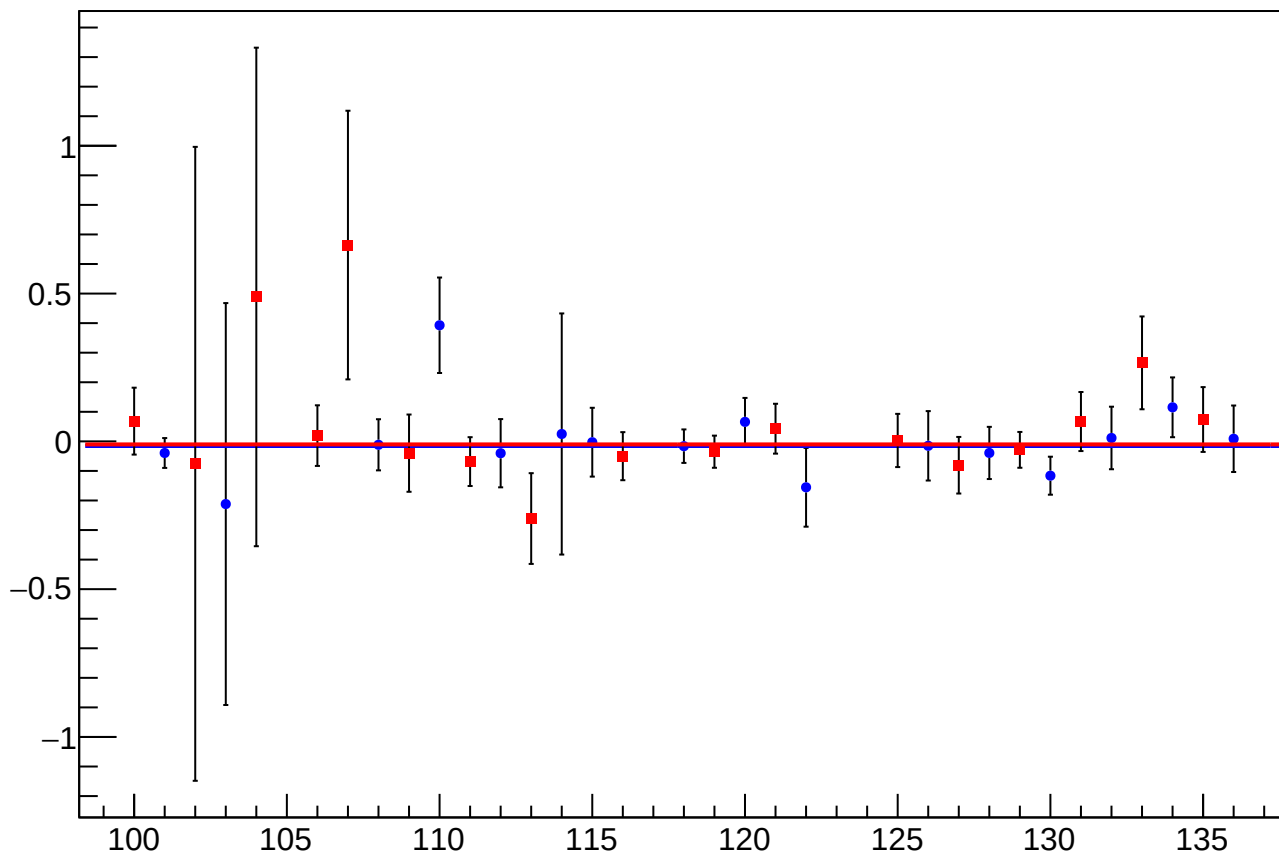
Right: 51.190+/-0.012 χ^2/NDF : 5164274.7/32

In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.190+/-0.012 χ^2/NDF : 5164274.7/32

asym_usl_atl1_avg_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: -0.010 ± 0.024 χ^2/NDF : 12.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

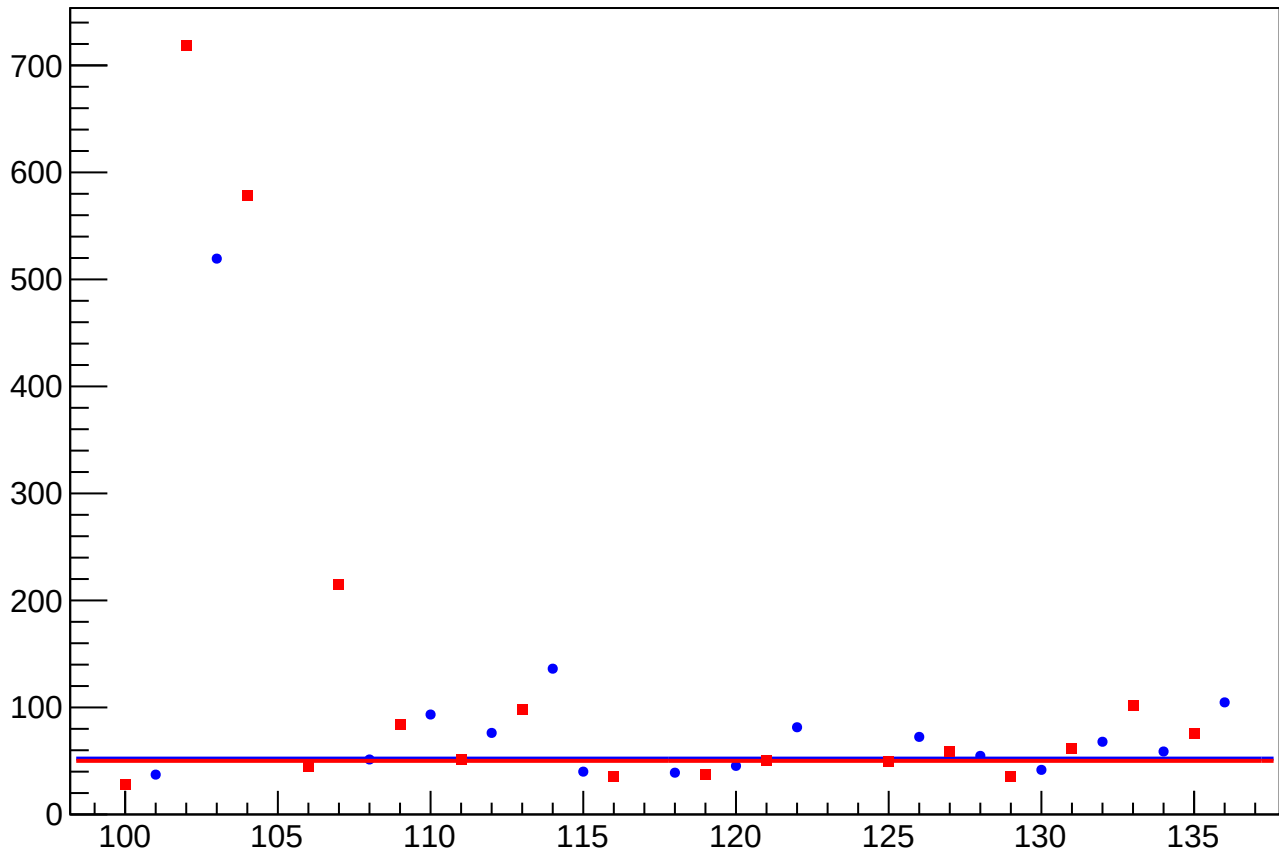
Right: -0.013 ± 0.016 χ^2/NDF : 25.3/32

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 : 25.3/32

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: 50.097+/-0.017 χ^2/NDF : 2889169.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

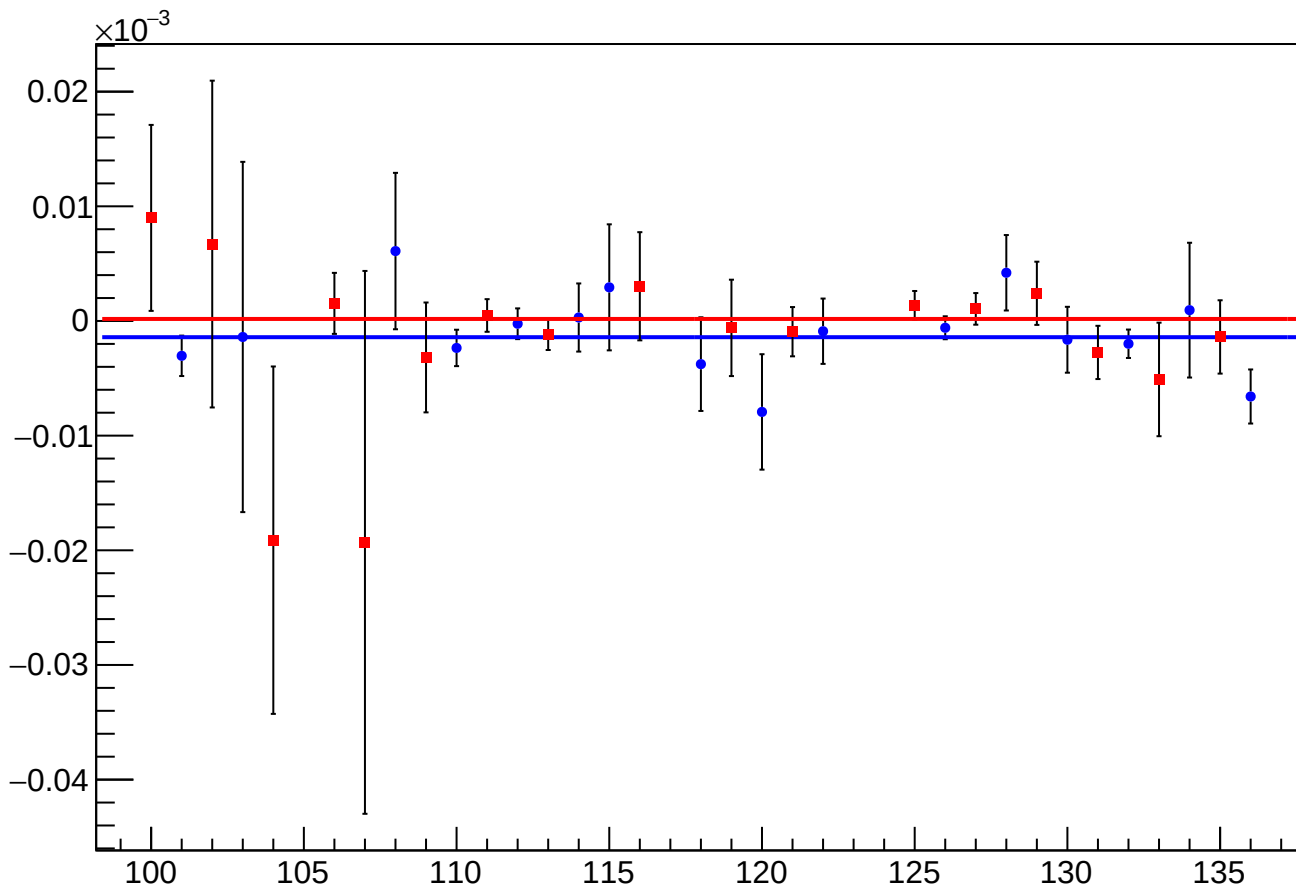
Right: 51.190+/-0.012 χ^2/NDF : 5164274.7/32

In: 52.191+/-0.016 χ^2/NDF : 2266928.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.190+/-0.012 χ^2/NDF : 5164274.7/32

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

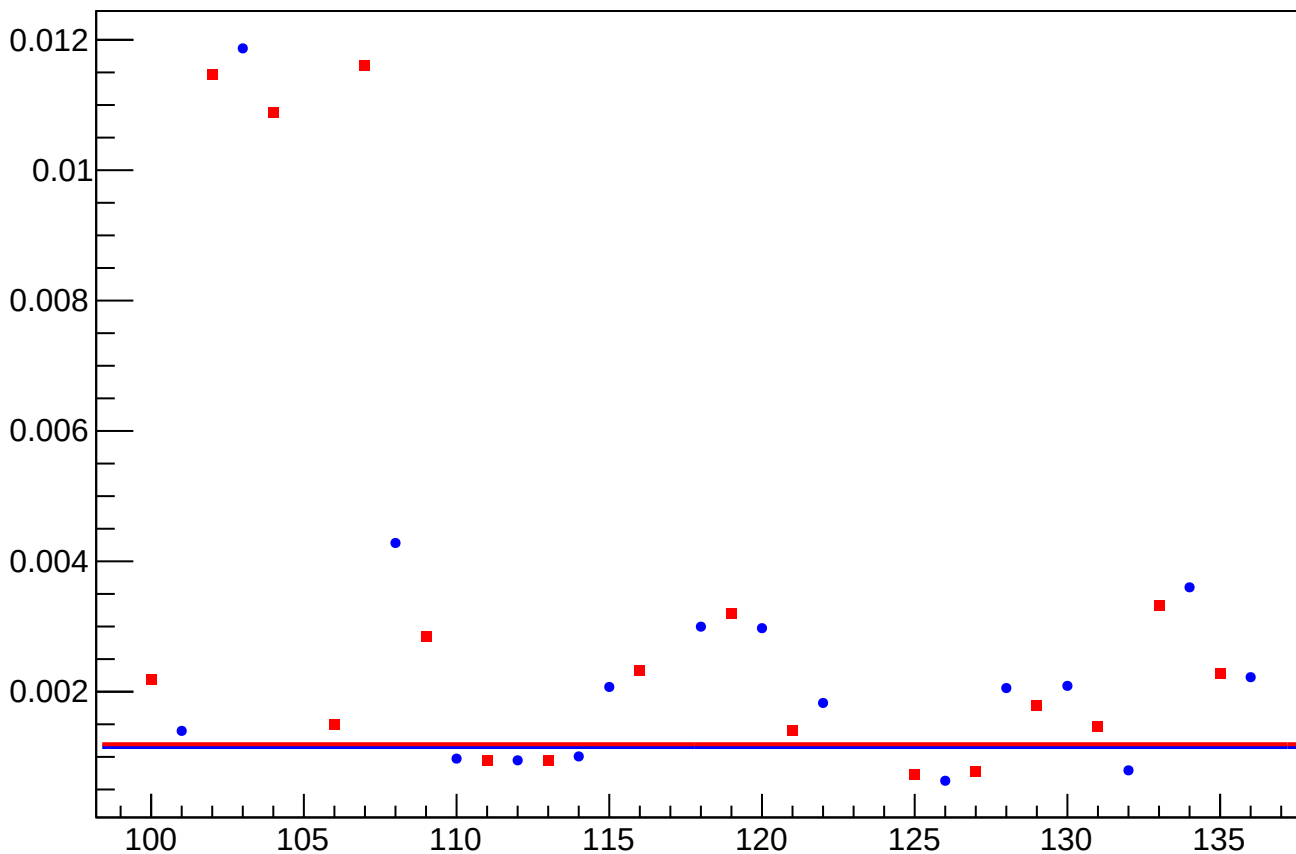
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/32

In: -0.000 $\pm$ 0.000 χ^2 /NDF:15.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.4/32

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 : 4433328.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

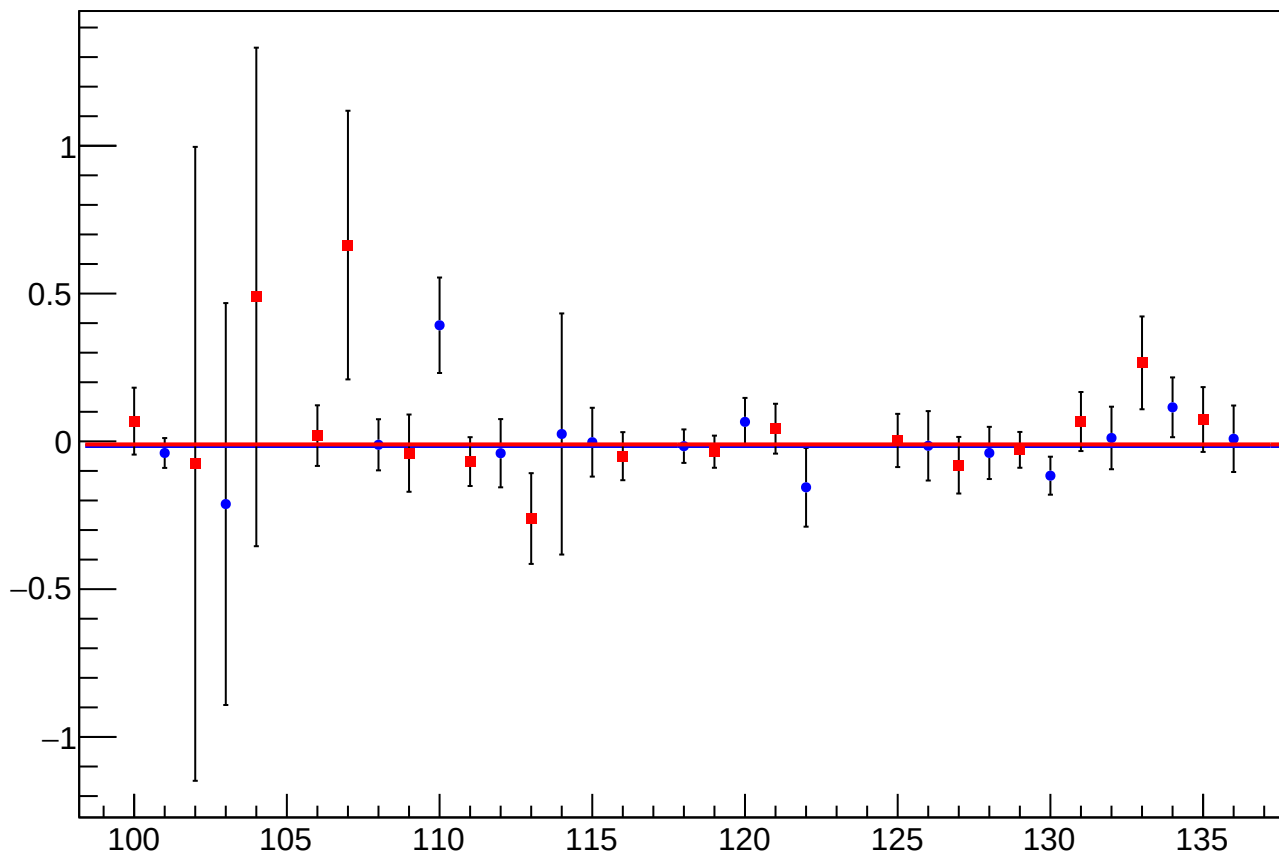
Right: 0.001+/-0.000 χ^2/NDF : 8627529.2/32

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 : 8627529.2/32

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: -0.010 ± 0.024 χ^2/NDF : 12.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

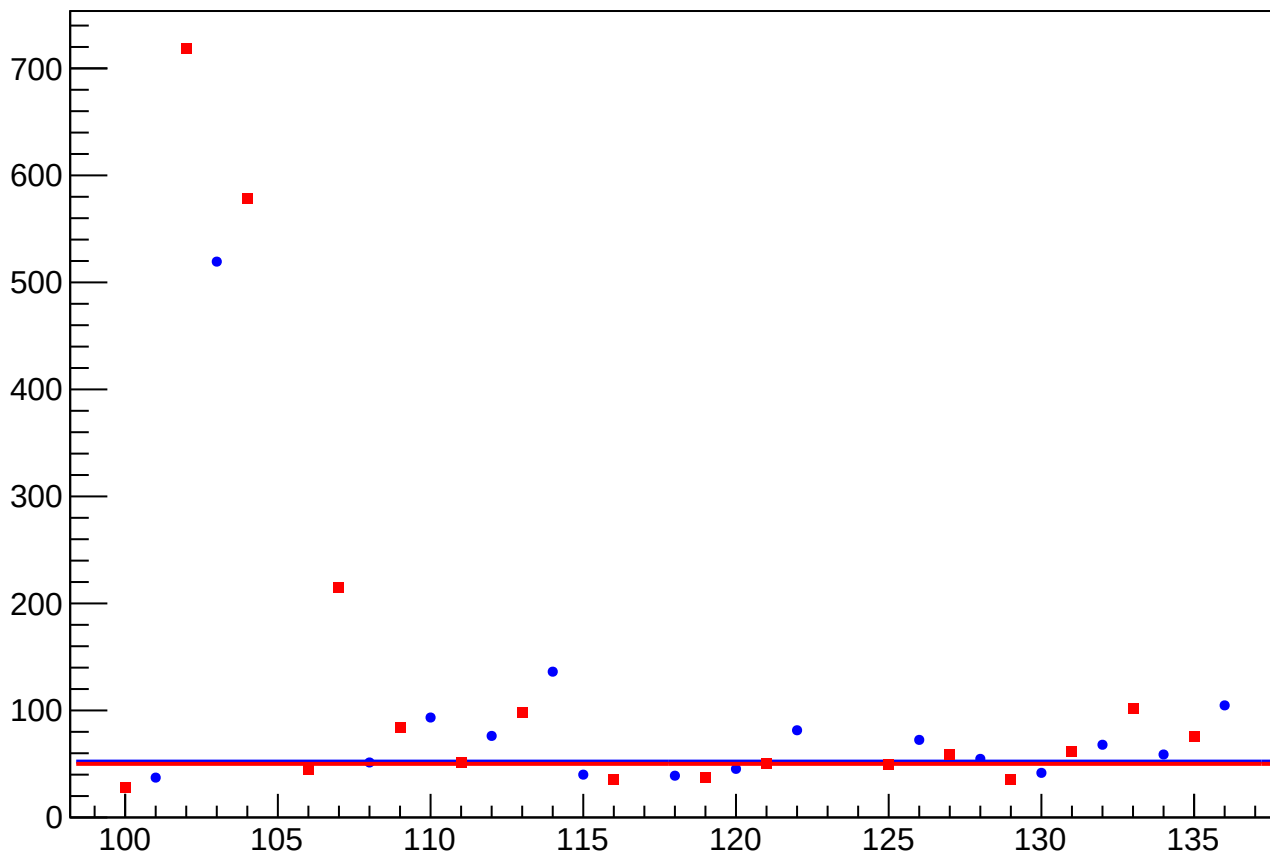
Right: -0.013 ± 0.016 χ^2/NDF : 25.3/32

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 : 25.3/32

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: 50.097+/-0.017 χ^2/NDF : 2889154.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

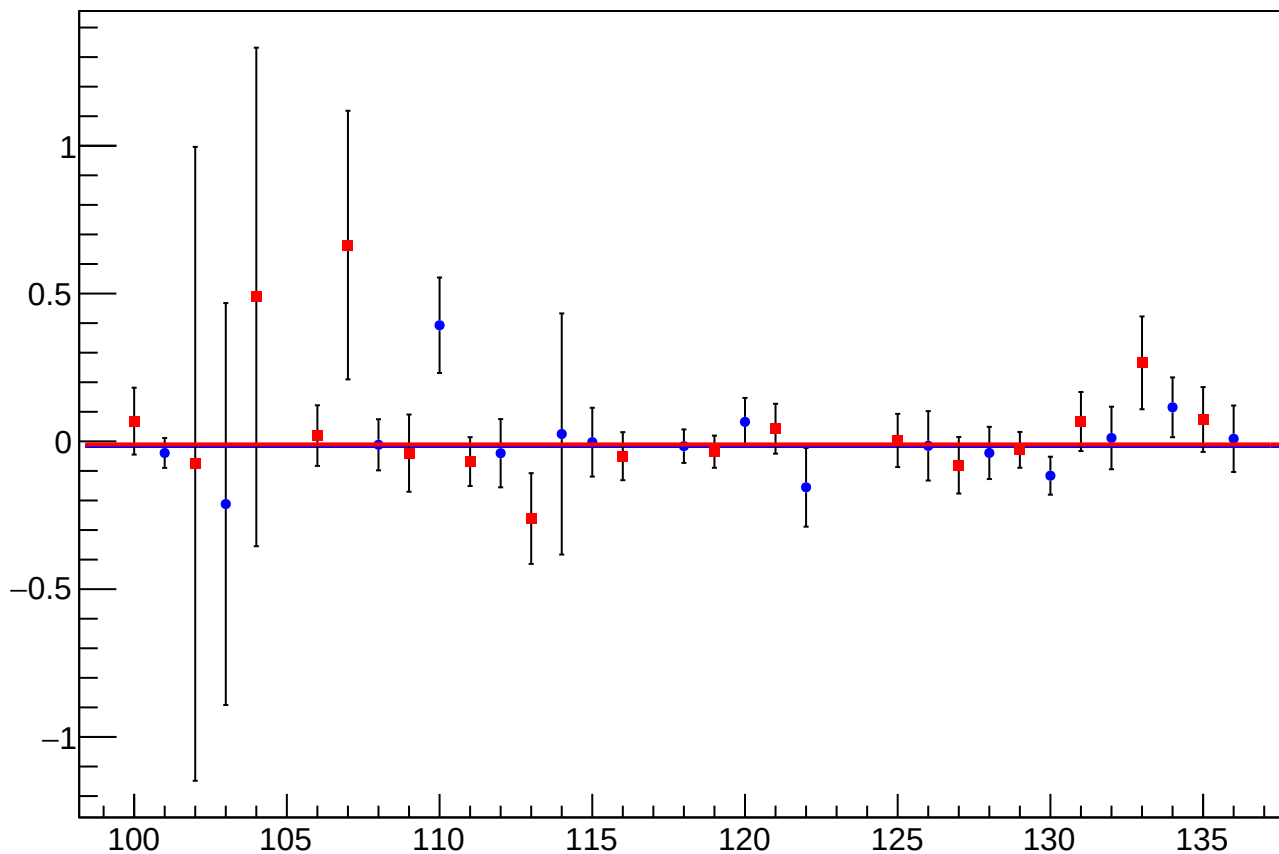
Right: 51.189+/-0.012 χ^2/NDF : 5164253.6/32

In: 52.191+/-0.016 χ^2/NDF : 2266922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.189+/-0.012 χ^2/NDF : 5164253.6/32

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: -0.010 ± 0.024 χ^2/NDF : 12.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

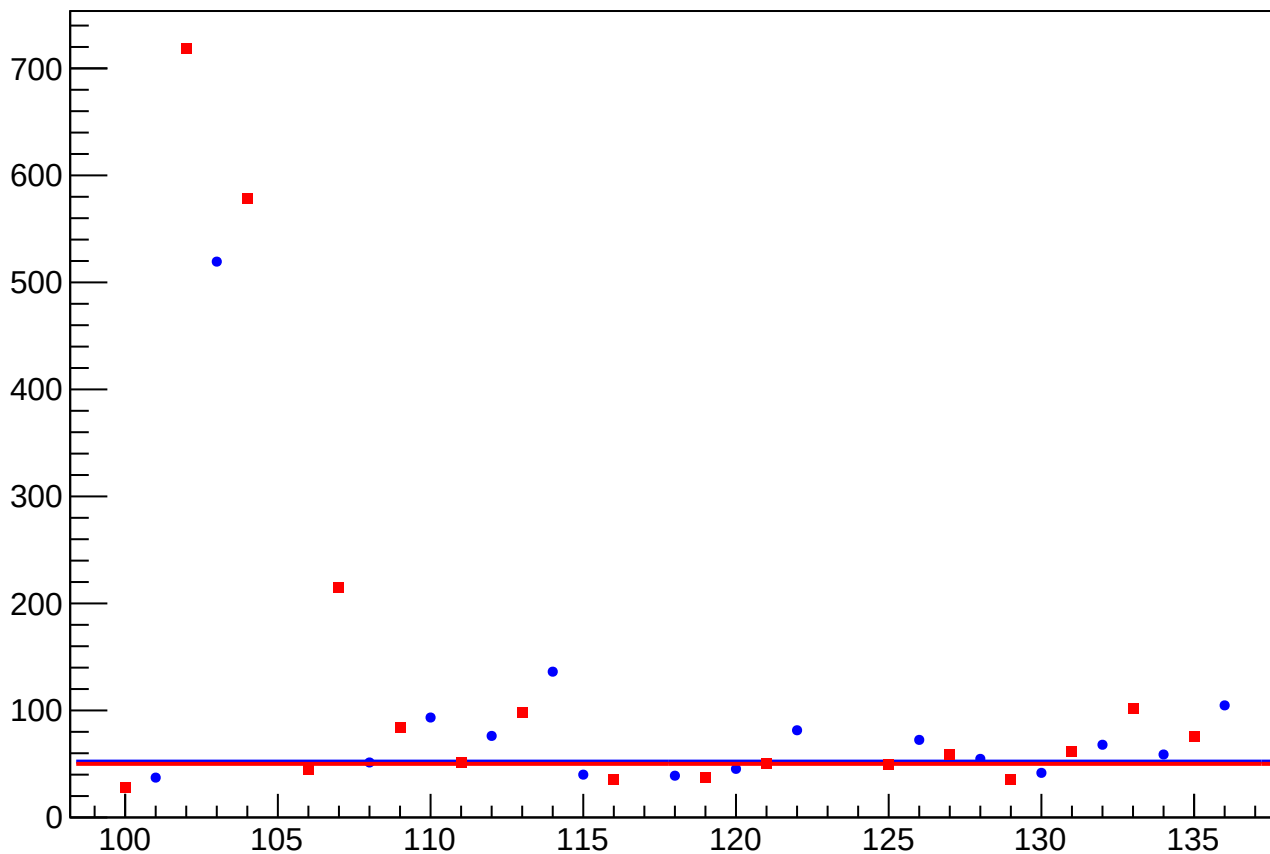
Right: -0.013 ± 0.016 χ^2/NDF : 25.3/32

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 : 25.3/32

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: 50.097+/-0.017 χ^2/NDF : 2889154.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

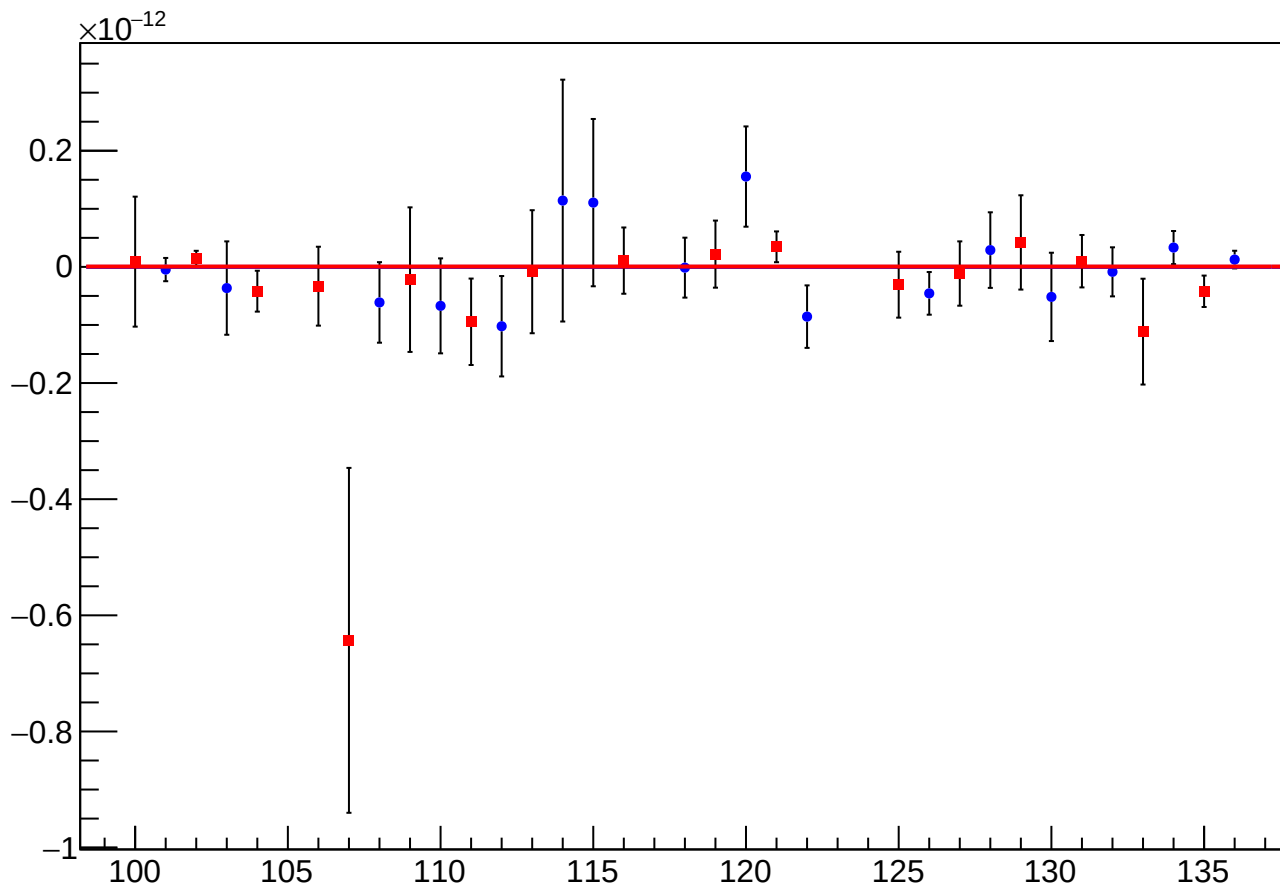
Right: 51.189+/-0.012 χ^2/NDF : 5164253.6/32

In: 52.191+/-0.016 χ^2/NDF : 2266922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.189+/-0.012 χ^2/NDF : 5164253.6/32

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 : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

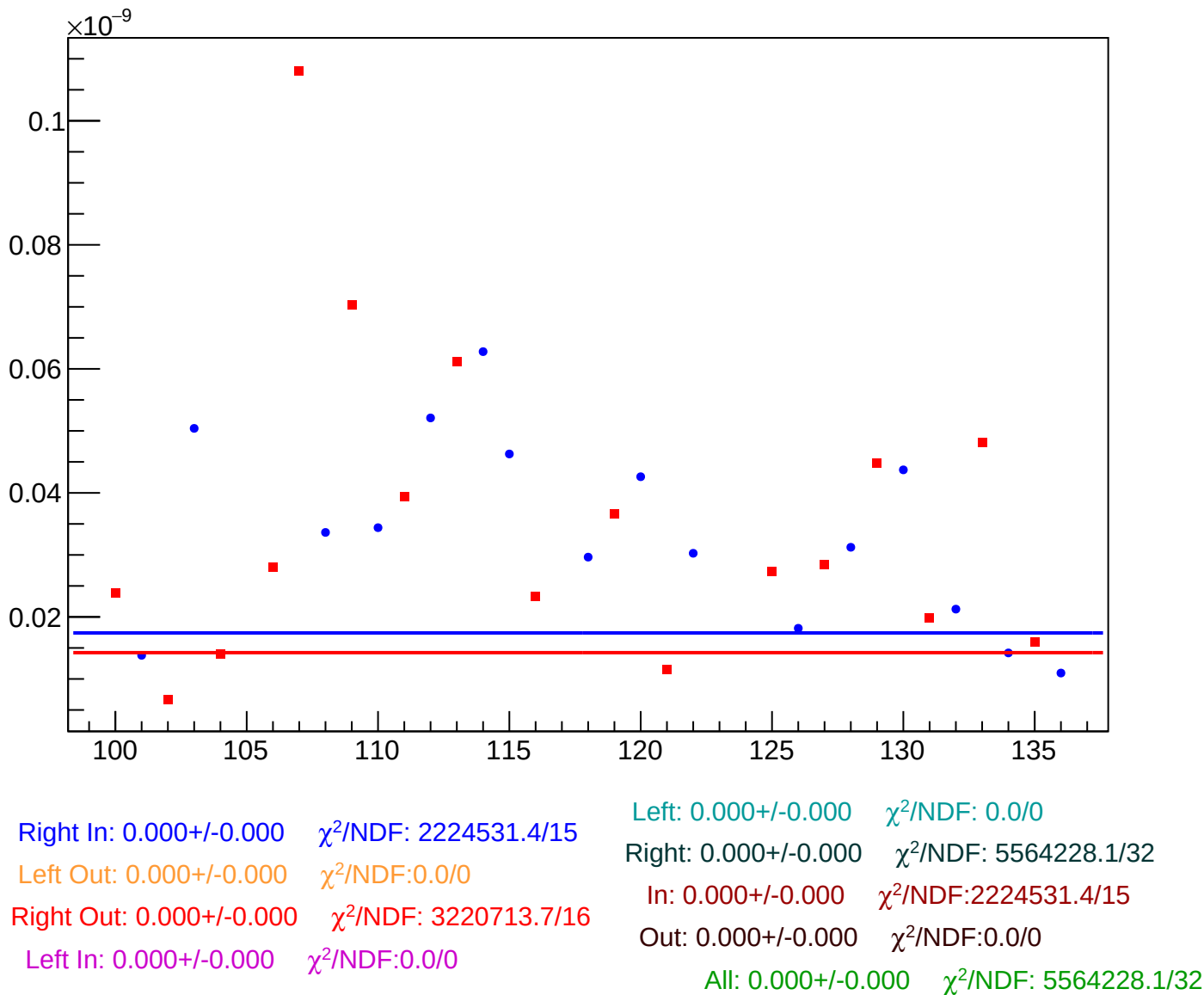
Right: 0.000+/-0.000 χ^2/NDF : 29.8/32

In: -0.000+/-0.000 χ^2/NDF : 14.1/15

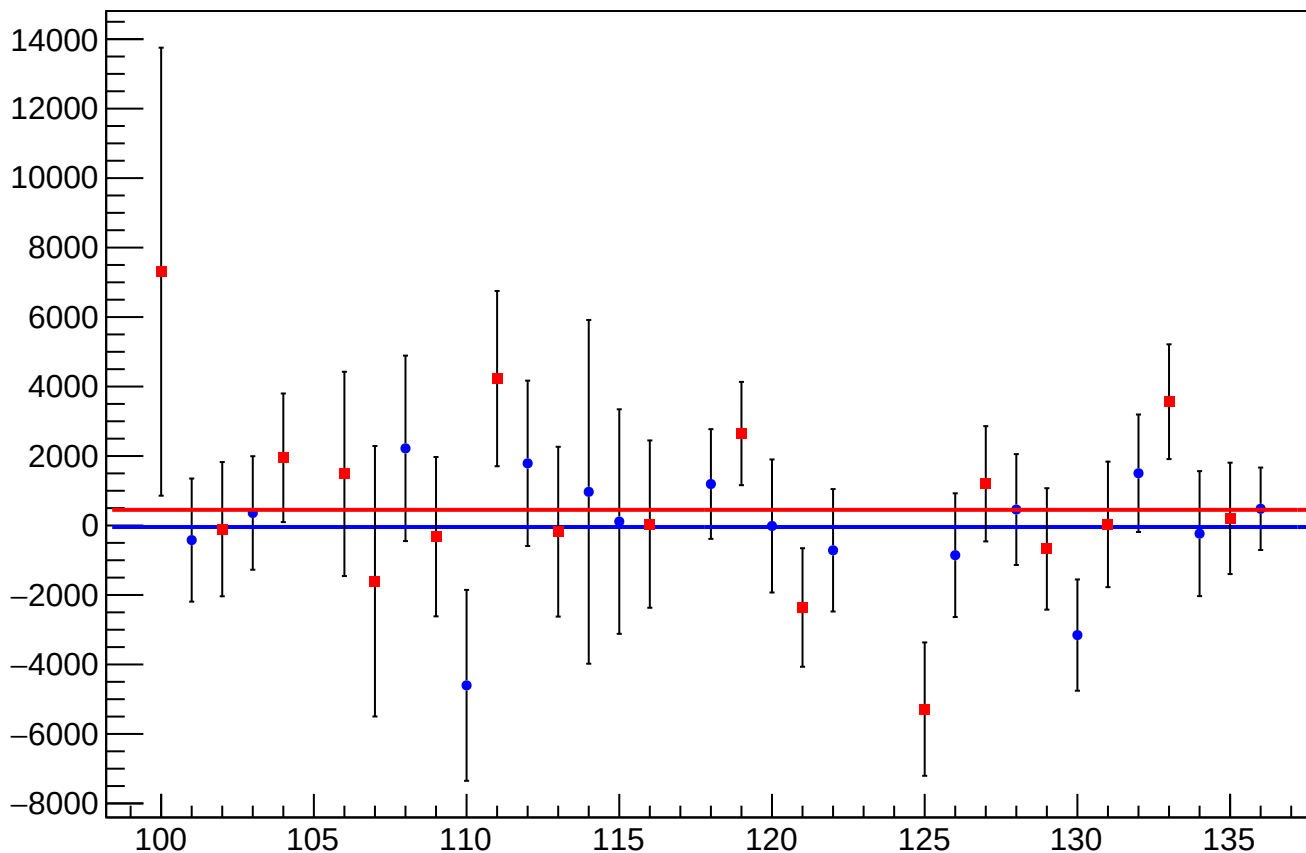
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.8/32

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



reg_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -43.681 ± 459.222 $\chi^2/\text{NDF}: 10.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 451.037 ± 483.795 $\chi^2/\text{NDF}: 22.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

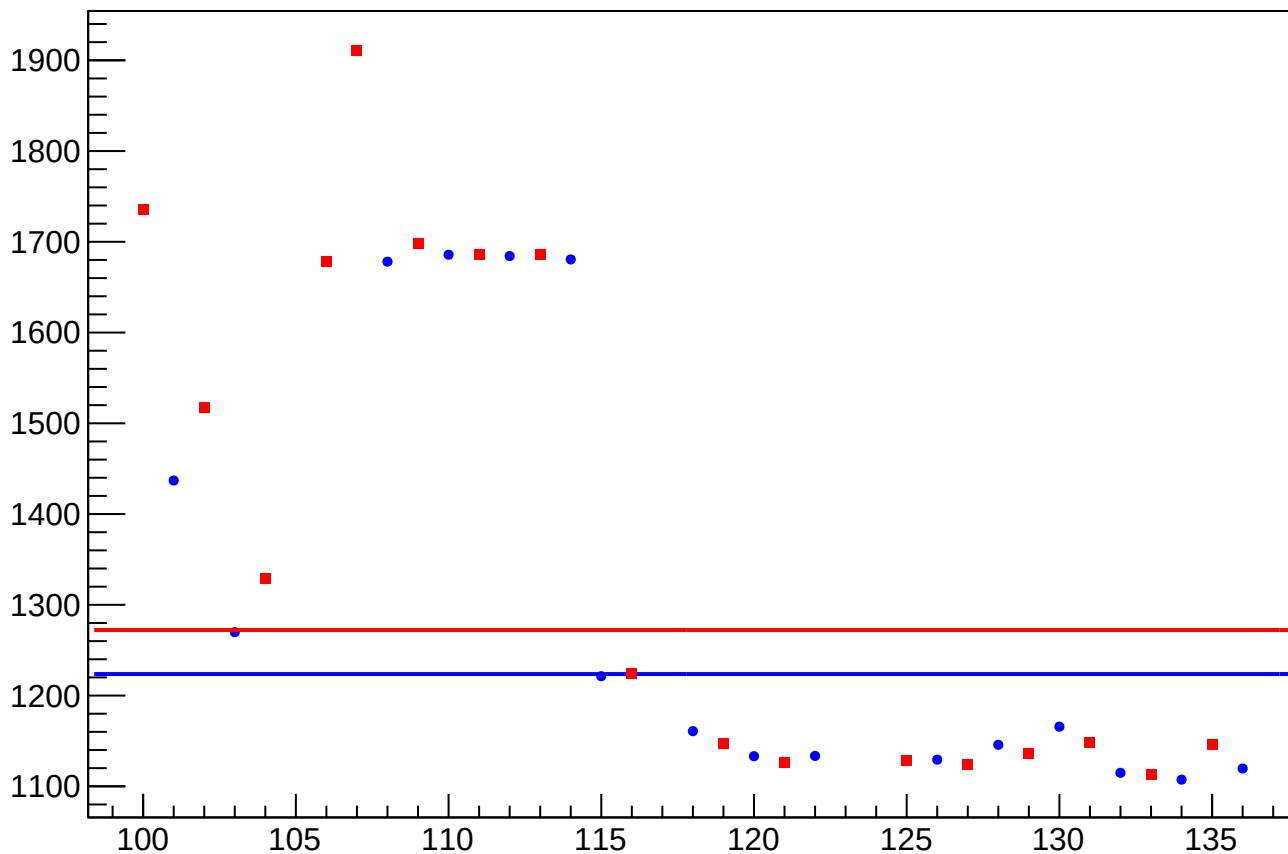
Right: 190.795 ± 333.067 $\chi^2/\text{NDF}: 33.4/32$

In: -43.681 ± 459.222 $\chi^2/\text{NDF}: 10.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 190.795 ± 333.067 $\chi^2/\text{NDF}: 33.4/32$

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: 1272.215+/-0.342 χ^2/NDF : 425886.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

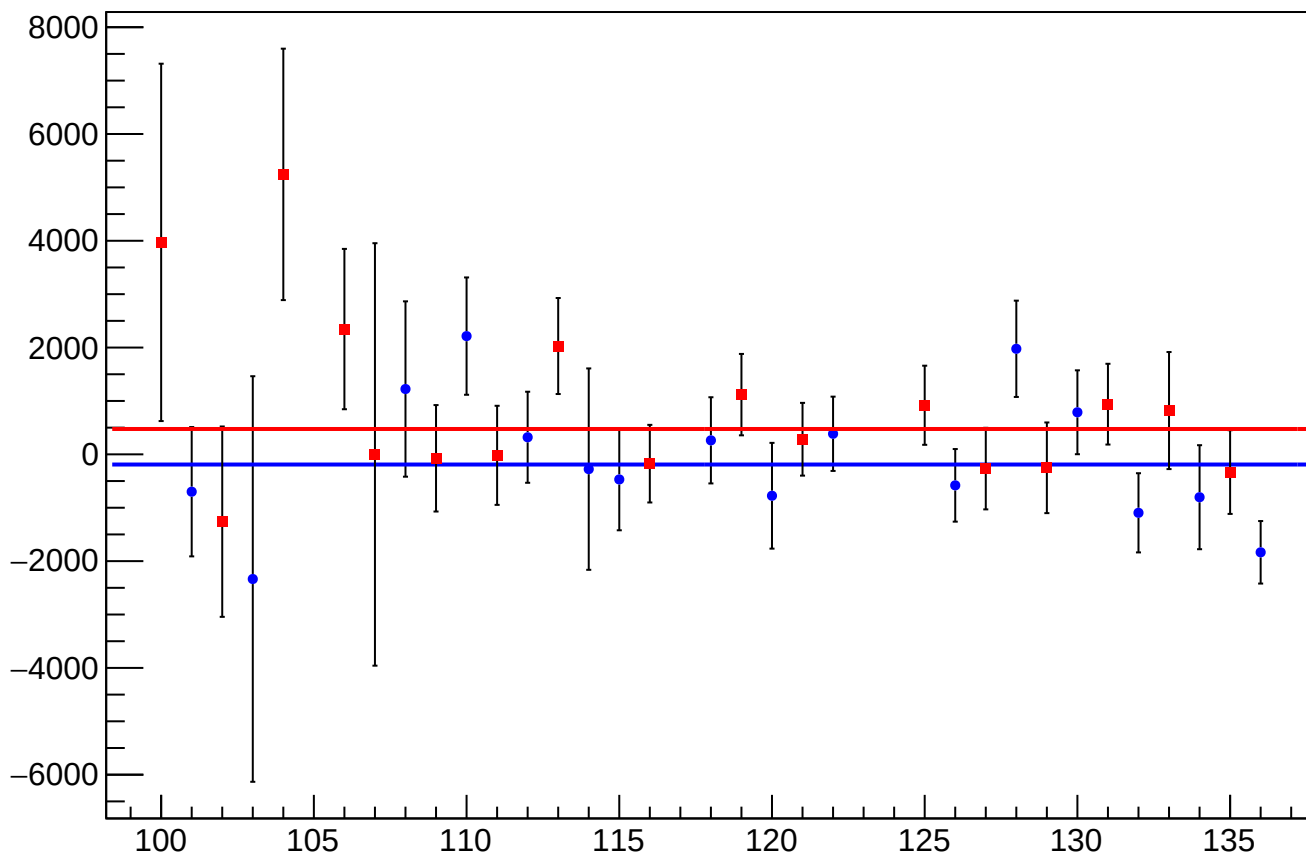
Right: 1246.697+/-0.236 χ^2/NDF : 731430.1/32

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.697+/-0.236 χ^2/NDF : 731430.1/32

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: 475.013+/-227.069 χ^2 /NDF: 16.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

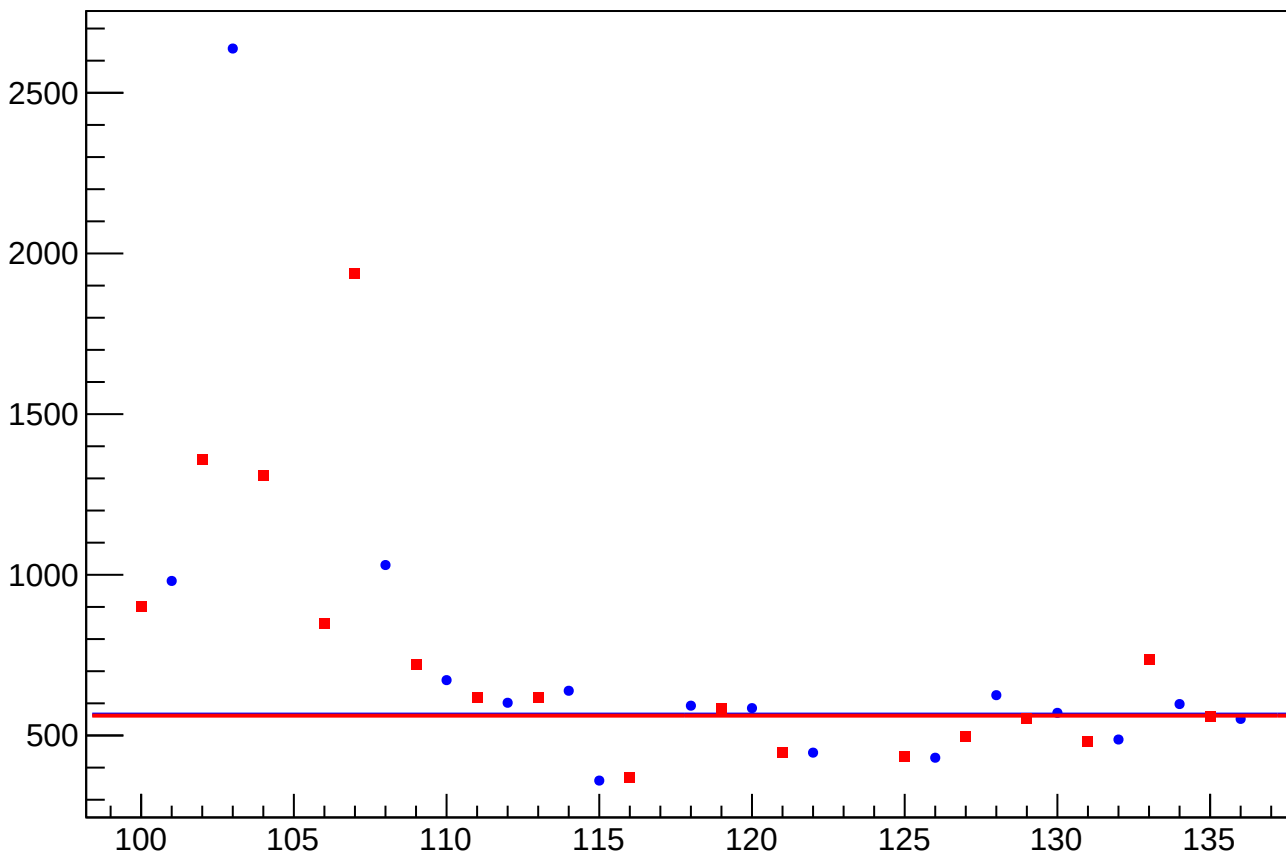
Right: 135.977+/-159.056 χ^2 /NDF: 46.1/32

In: -190.634+/-222.869 χ^2 /NDF:25.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 135.977+/-159.056 χ^2 /NDF: 46.1/32

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: 561.760+/-0.161 χ^2/NDF : 1351932.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

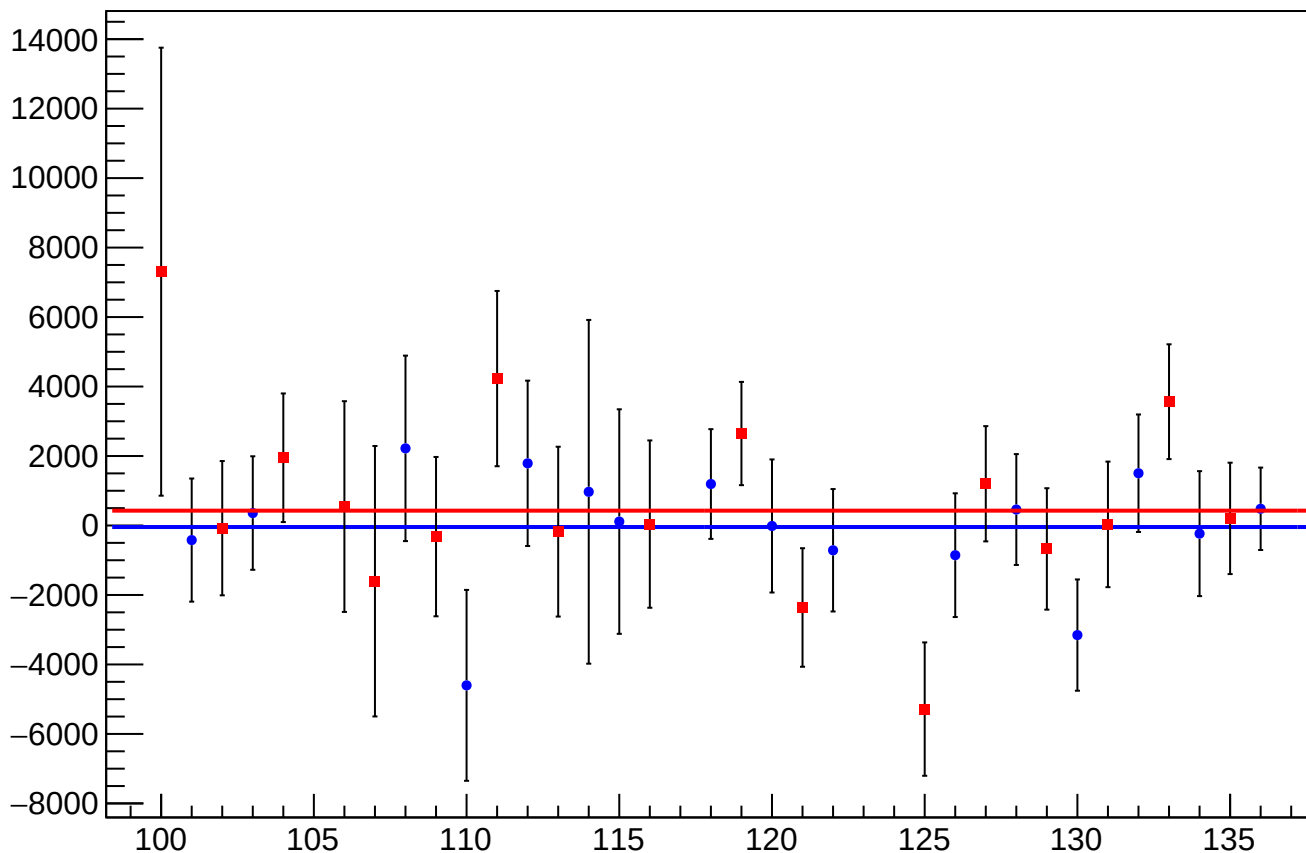
Right: 563.389+/-0.112 χ^2/NDF : 2636613.9/32

In: 564.959+/-0.158 χ^2/NDF : 1284478.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.389+/-0.112 χ^2/NDF : 2636613.9/32

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: 427.308+/-484.192 χ^2/NDF : 22.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

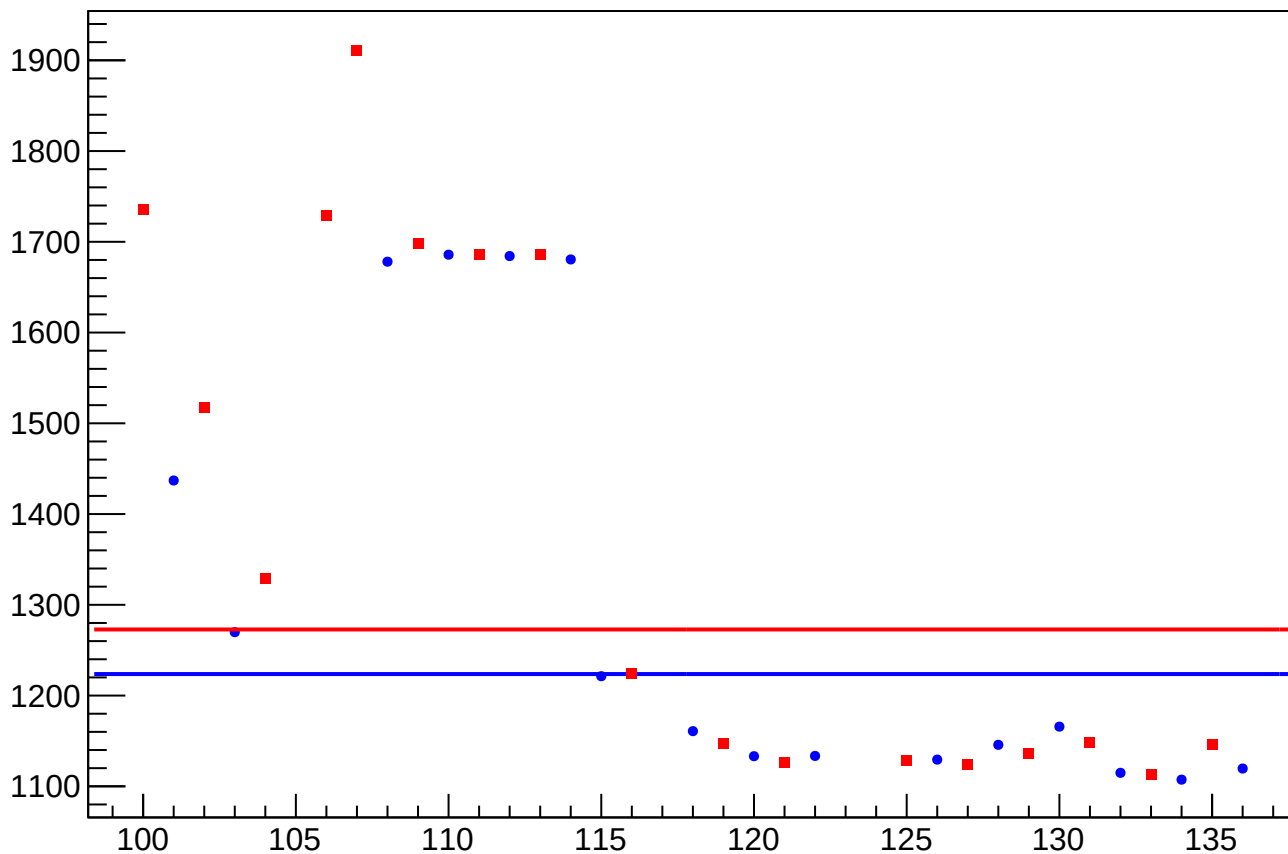
Right: 179.229+/-333.197 χ^2/NDF : 33.3/32

In: -43.923+/-459.222 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.229+/-333.197 χ^2/NDF : 33.3/32

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: 1272.829+/-0.342 χ^2/NDF : 432966.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

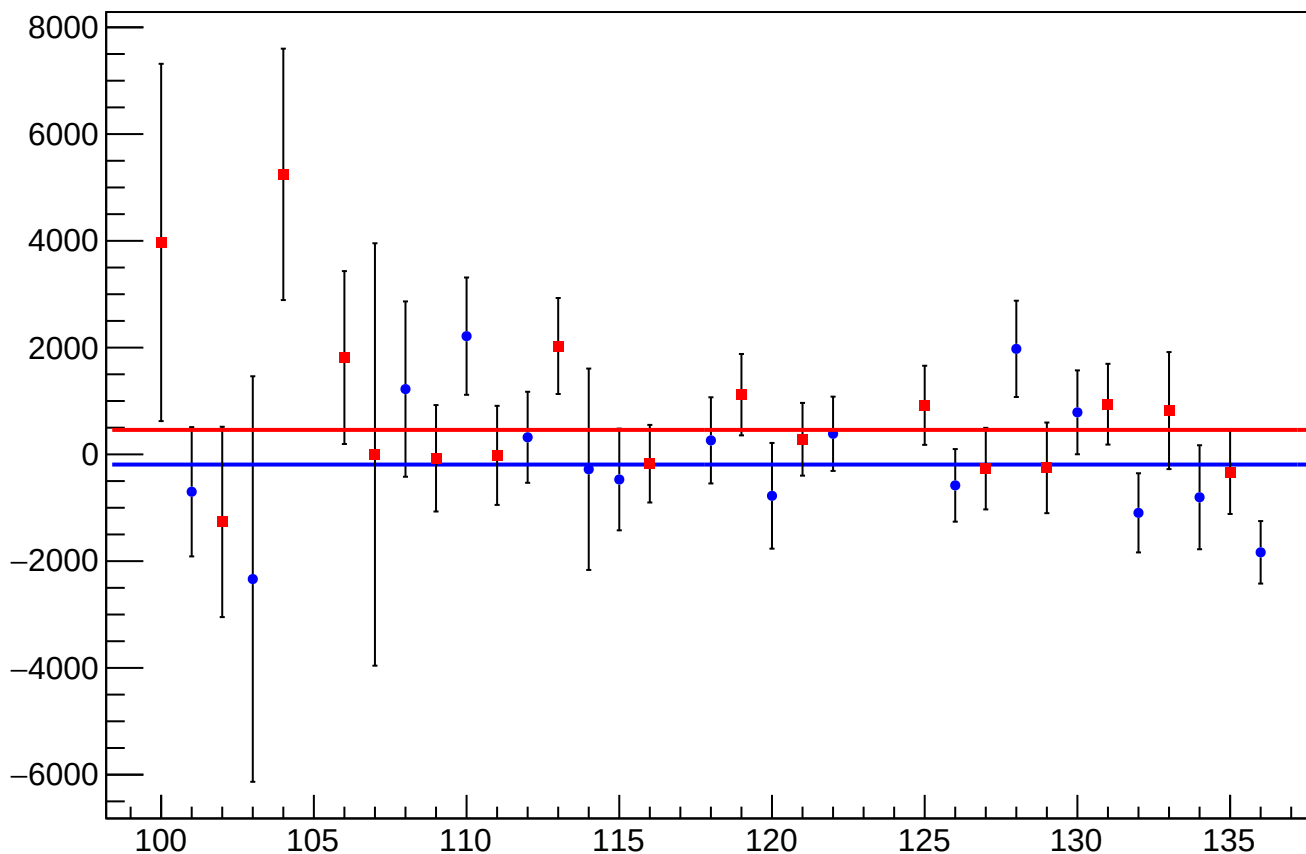
Right: 1246.968+/-0.236 χ^2/NDF : 738770.6/32

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.968+/-0.236 χ^2/NDF : 738770.6/32

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: 458.573 ± 227.431 χ^2/NDF : 15.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

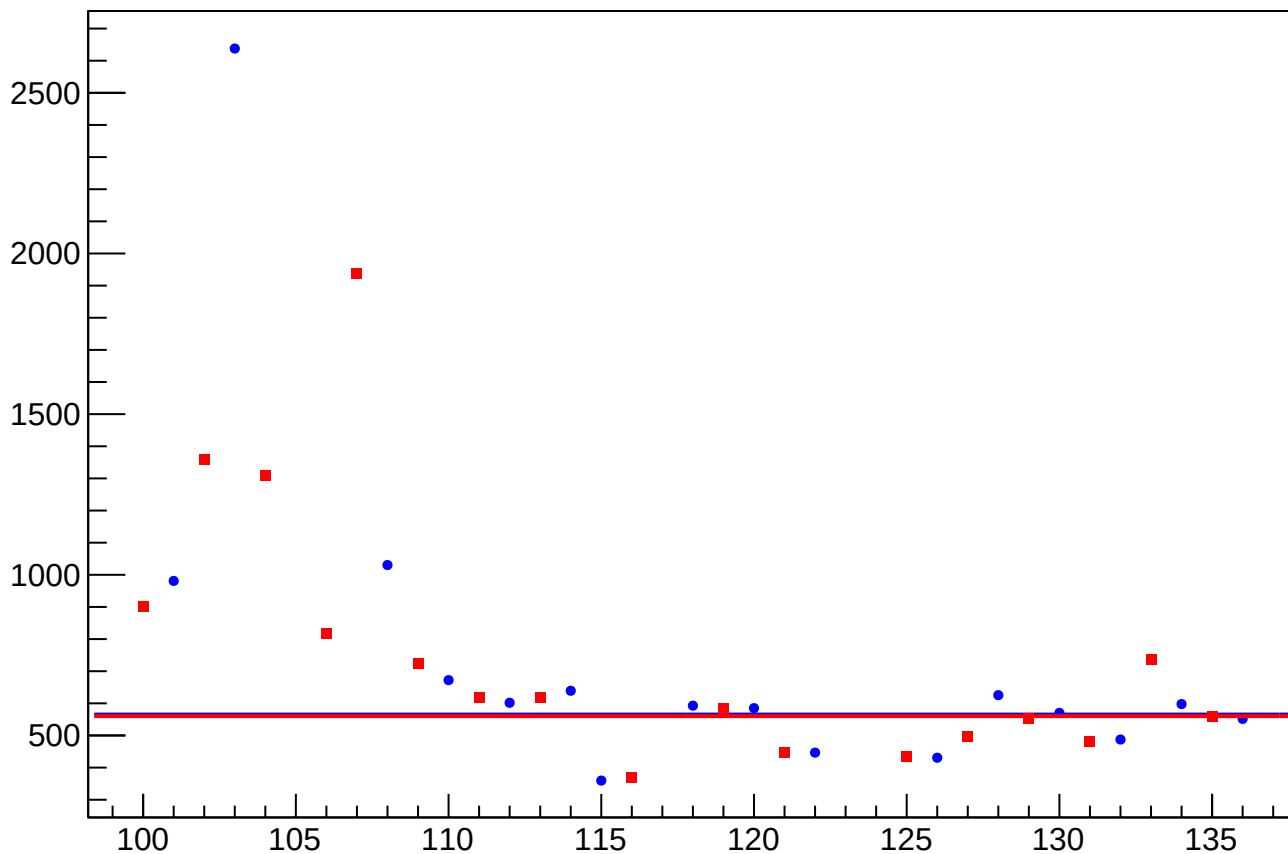
Right: 127.384 ± 159.180 χ^2/NDF : 45.0/32

In: -190.645 ± 222.867 χ^2/NDF : 25.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 127.384 ± 159.180 χ^2/NDF : 45.0/32

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: 560.224+/-0.161 χ^2/NDF : 1329109.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

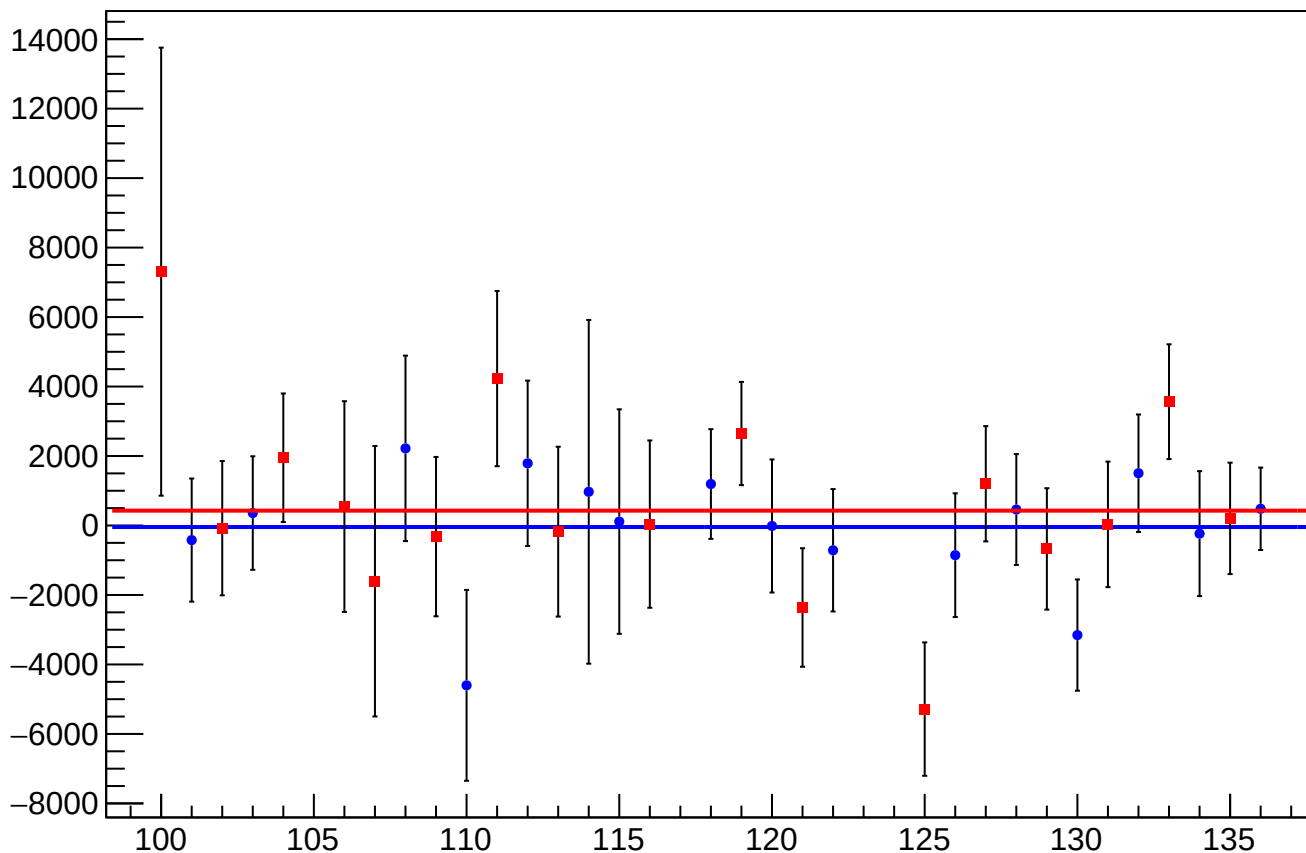
Right: 562.637+/-0.113 χ^2/NDF : 2614006.3/32

In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.637+/-0.113 χ^2/NDF : 2614006.3/32

eigen_cor_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -43.923 ± 459.222 $\chi^2/\text{NDF}: 10.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 427.308 ± 484.192 $\chi^2/\text{NDF}: 22.7/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

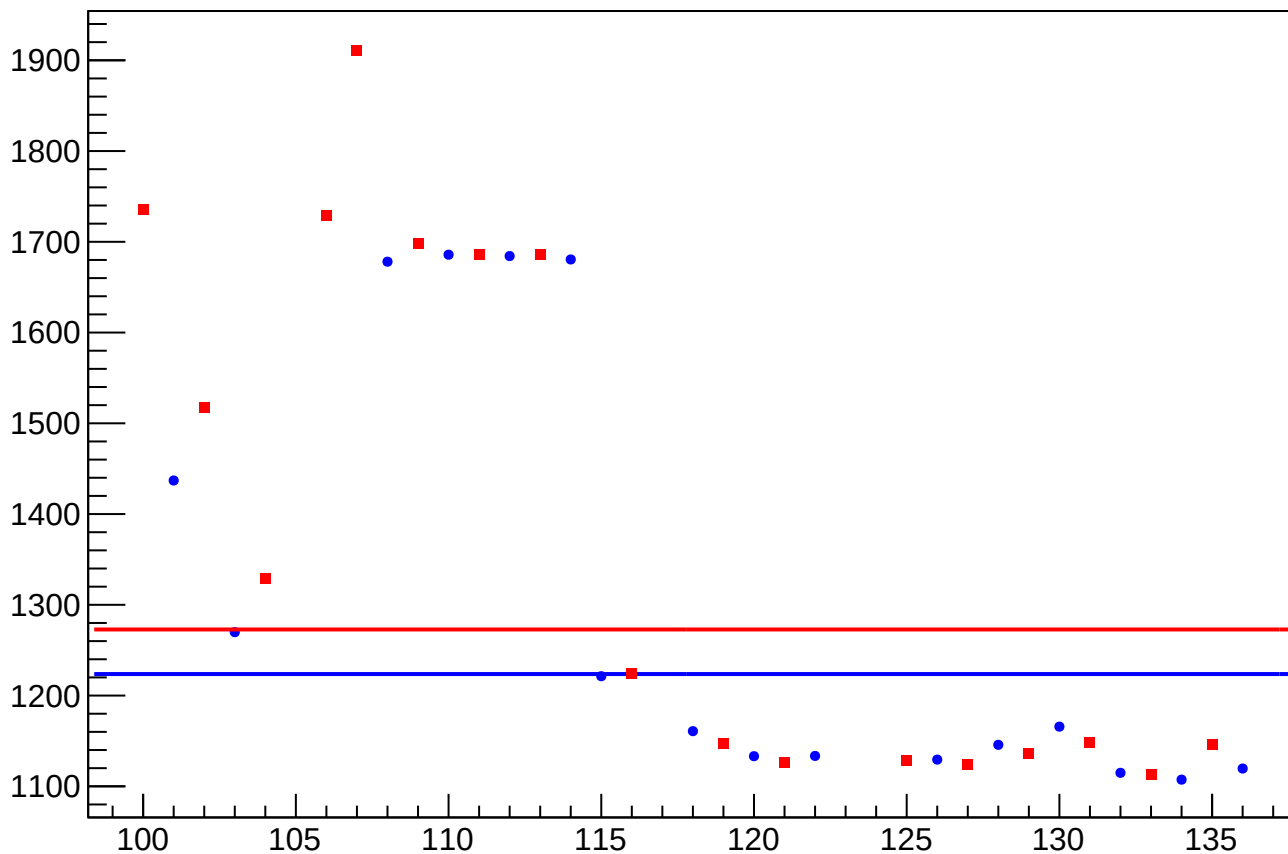
Right: 179.229 ± 333.197 $\chi^2/\text{NDF}: 33.3/32$

In: -43.923 ± 459.222 $\chi^2/\text{NDF}: 10.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 179.229 ± 333.197 $\chi^2/\text{NDF}: 33.3/32$

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: 1272.829+/-0.342 χ^2/NDF : 432966.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

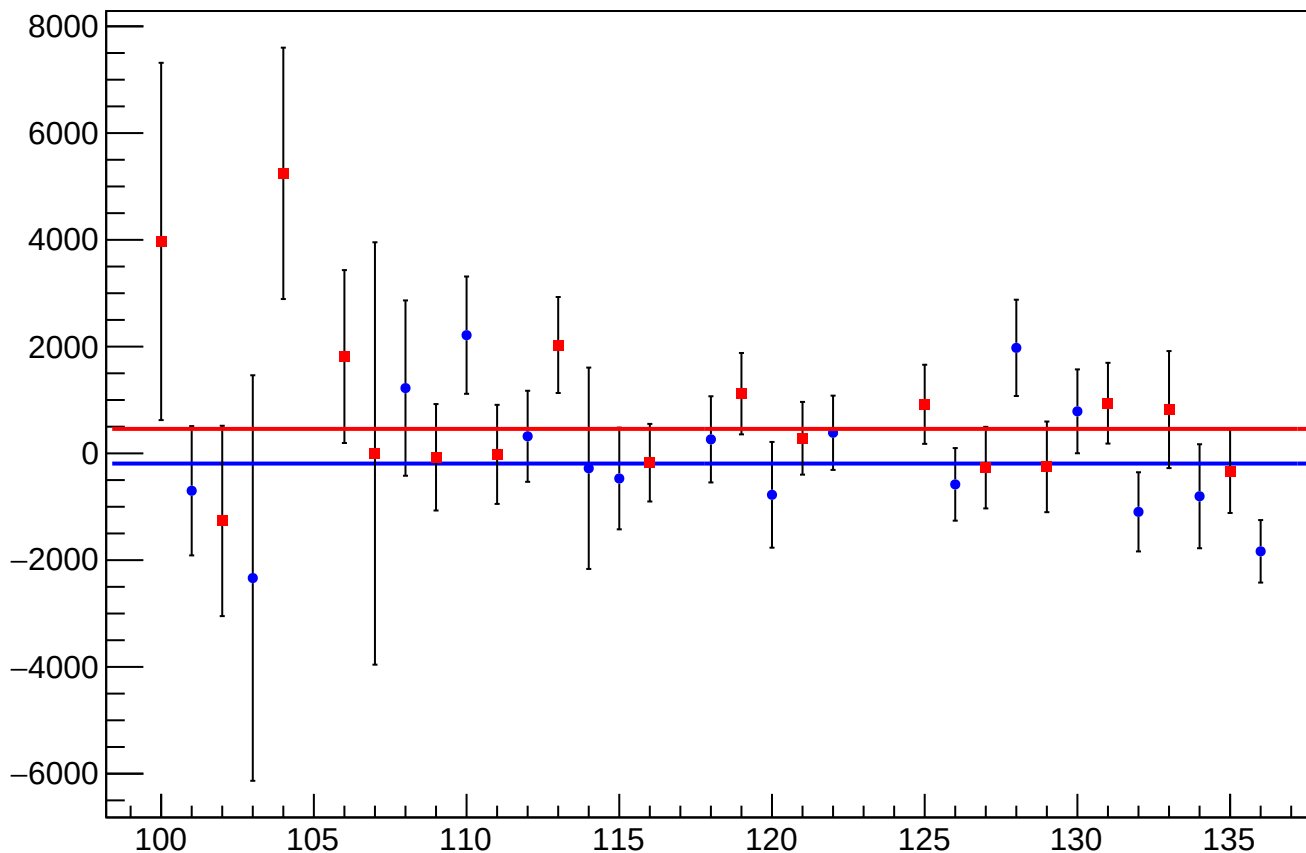
Right: 1246.968+/-0.236 χ^2/NDF : 738770.6/32

In: 1223.705+/-0.325 χ^2/NDF : 294966.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.968+/-0.236 χ^2/NDF : 738770.6/32

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: 458.573+/-227.431 χ^2/NDF : 15.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

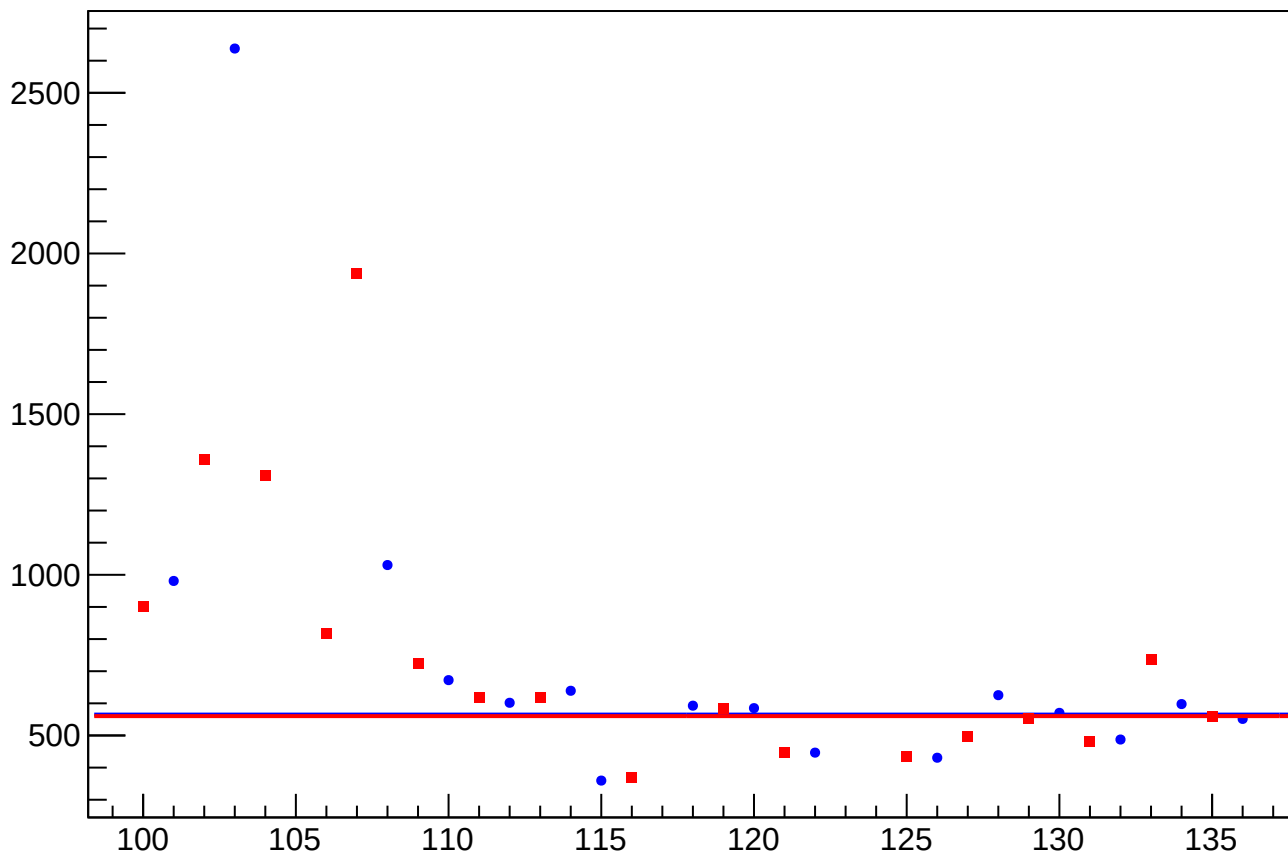
Right: 127.384+/-159.180 χ^2/NDF : 45.0/32

In: -190.645+/-222.867 χ^2/NDF : 25.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.384+/-159.180 χ^2/NDF : 45.0/32

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: 560.224+/-0.161 χ^2/NDF : 1329109.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

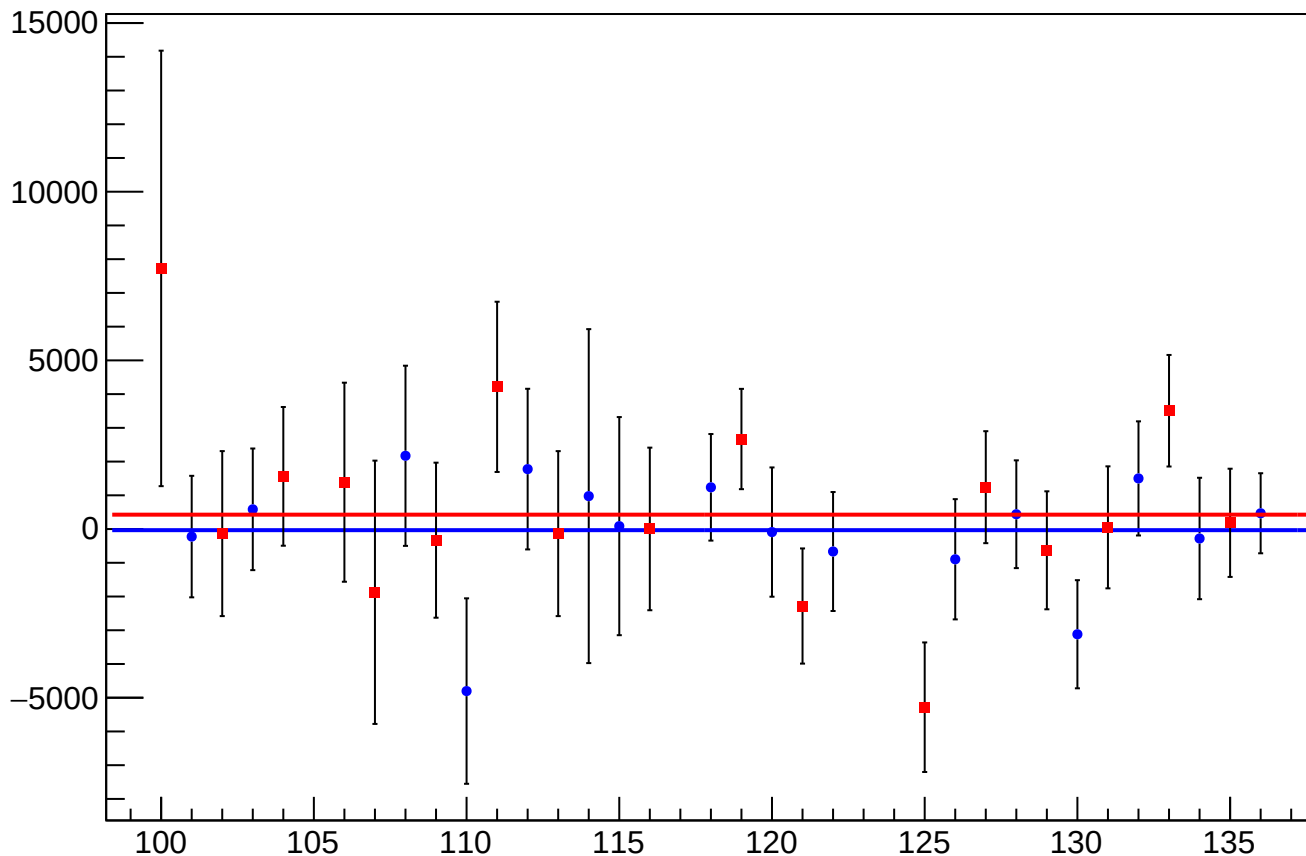
Right: 562.637+/-0.113 χ^2/NDF : 2614006.3/32

In: 564.954+/-0.158 χ^2/NDF : 1284455.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 562.637+/-0.113 χ^2/NDF : 2614006.3/32

dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -33.062 ± 463.216 χ^2/NDF : 10.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 426.445 ± 493.198 χ^2/NDF : 22.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

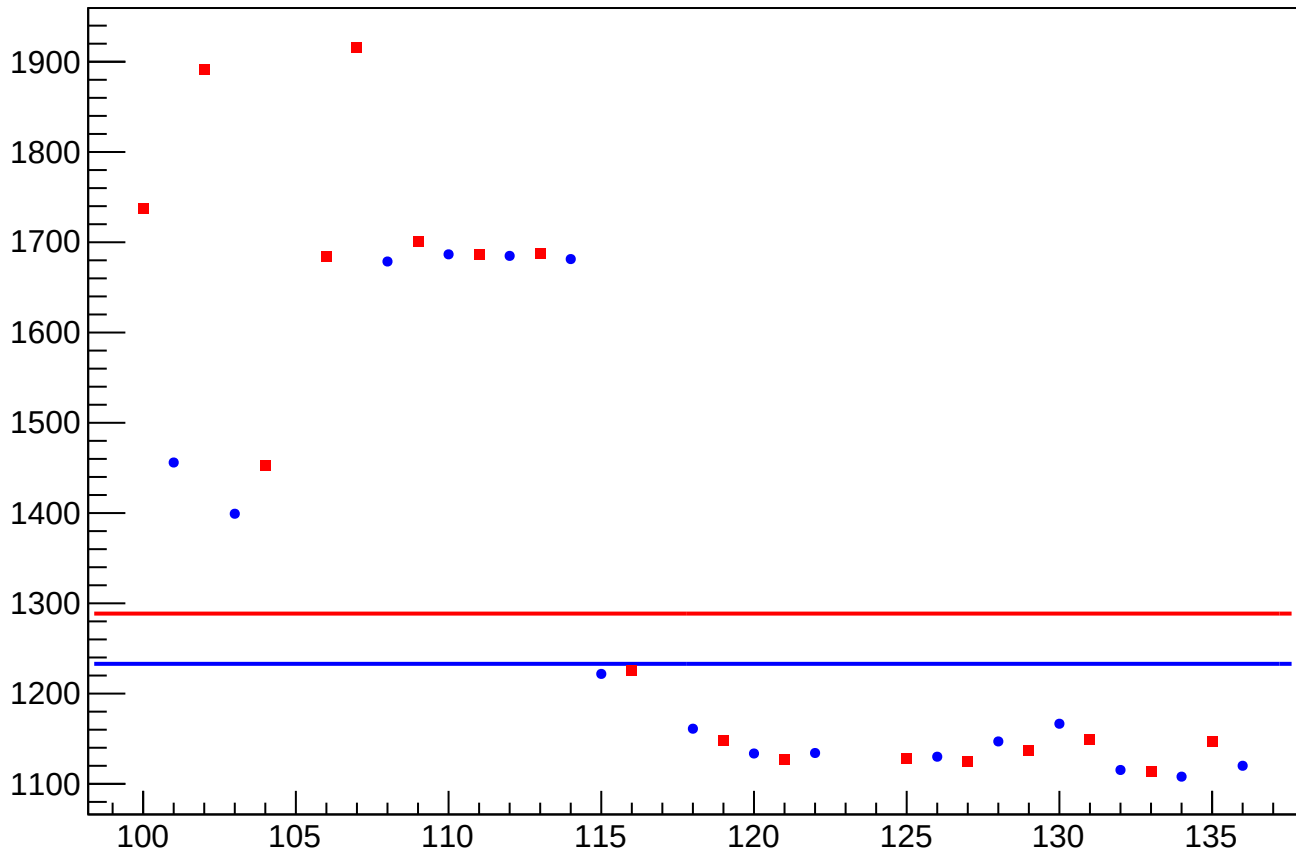
Right: 182.301 ± 337.645 χ^2/NDF : 33.0/32

In: -33.062 ± 463.216 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 182.301 ± 337.645 χ^2/NDF : 33.0/32

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: 1288.629+/-0.349 χ^2/NDF : 534937.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

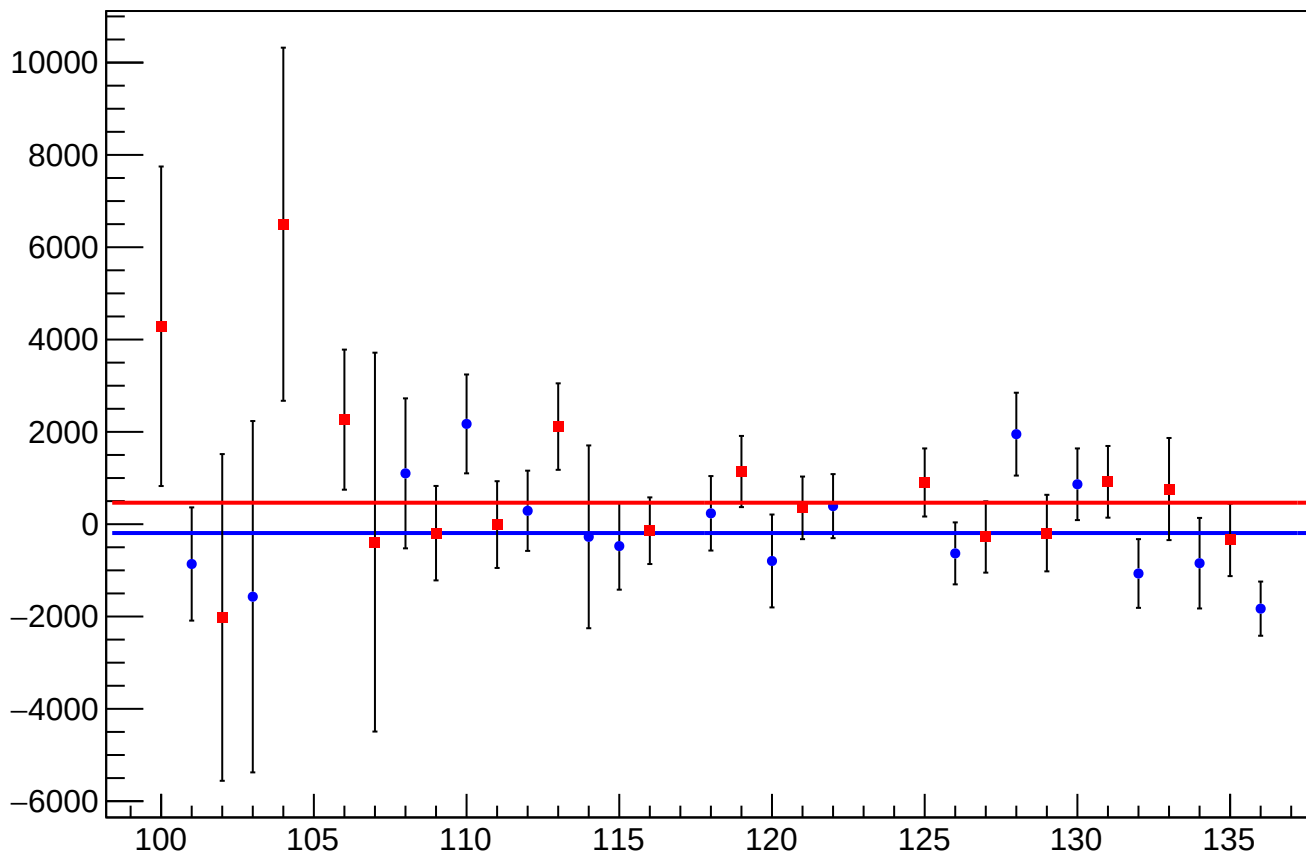
Right: 1259.054+/-0.239 χ^2/NDF : 863944.0/32

In: 1232.965+/-0.328 χ^2/NDF : 315470.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1259.054+/-0.239 χ^2/NDF : 863944.0/32

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: 465.404+/-230.666 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

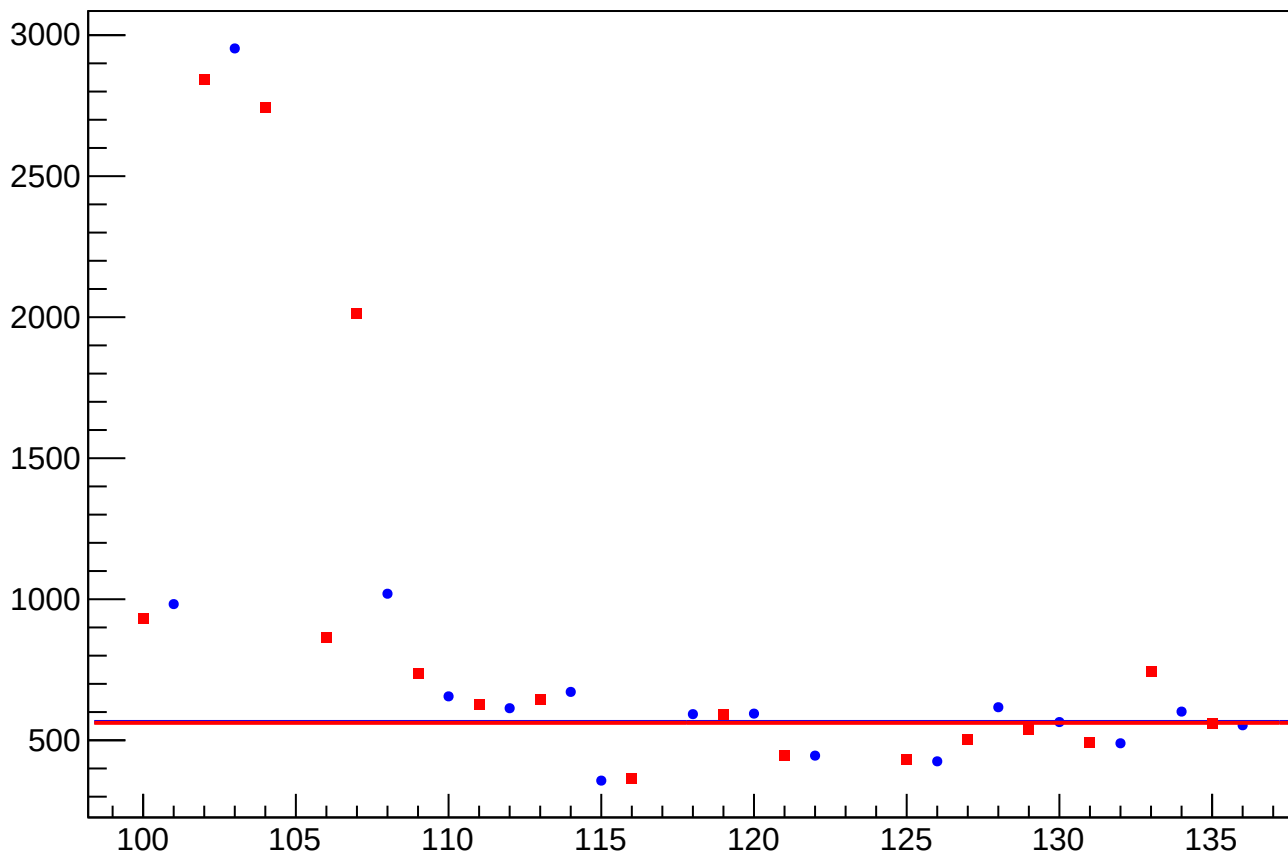
Right: 125.492+/-160.239 χ^2/NDF : 43.8/32

In: -191.528+/-222.764 χ^2/NDF : 25.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.492+/-160.239 χ^2/NDF : 43.8/32

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: 561.851+/-0.163 χ^2/NDF : 2273011.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

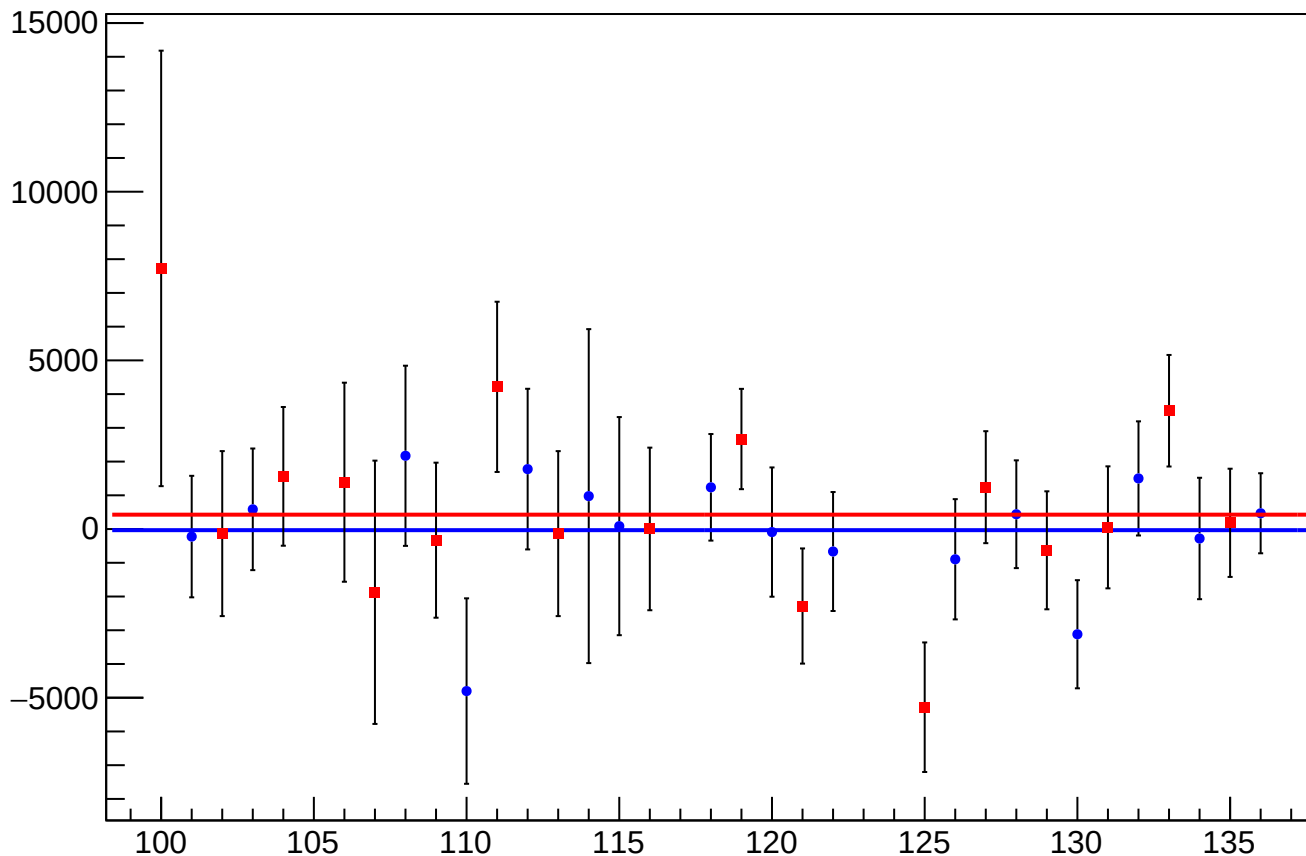
Right: 563.414+/-0.113 χ^2/NDF : 3753564.8/32

In: 564.871+/-0.158 χ^2/NDF : 1480375.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.414+/-0.113 χ^2/NDF : 3753564.8/32

eigen_dit_asym_usl_atl1_dd_mean vs Slug, Sign Corrected



Right In: -33.061 $\pm$ 463.216 χ^2/NDF : 10.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 426.445 $\pm$ 493.198 χ^2/NDF : 22.3/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

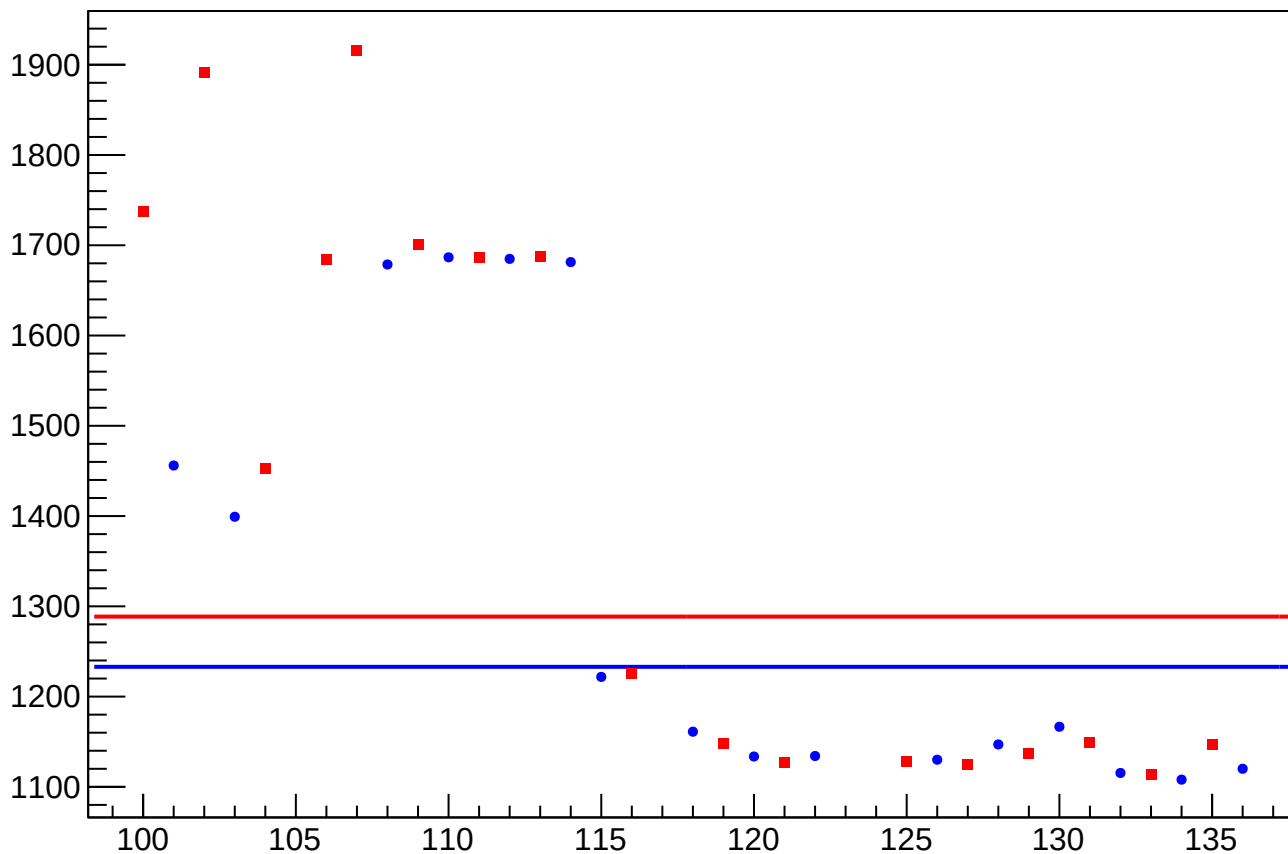
Right: 182.301 $\pm$ 337.645 χ^2/NDF : 33.0/32

In: -33.061 $\pm$ 463.216 χ^2/NDF :10.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 182.301 $\pm$ 337.645 χ^2/NDF : 33.0/32

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: 1288.629+/-0.349 χ^2/NDF : 534936.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

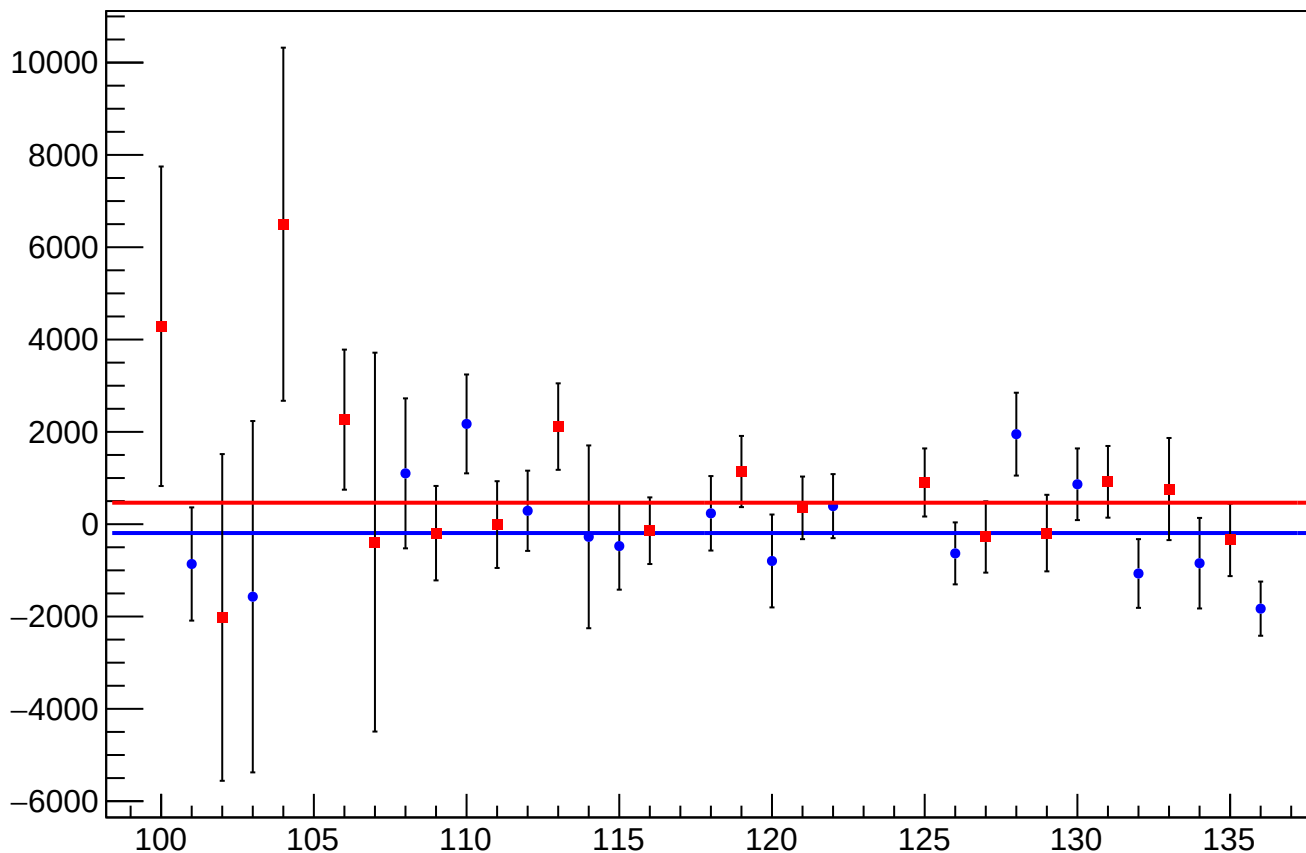
Right: 1259.054+/-0.239 χ^2/NDF : 863943.1/32

In: 1232.965+/-0.328 χ^2/NDF : 315470.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1259.054+/-0.239 χ^2/NDF : 863943.1/32

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: 465.404+/-230.666 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

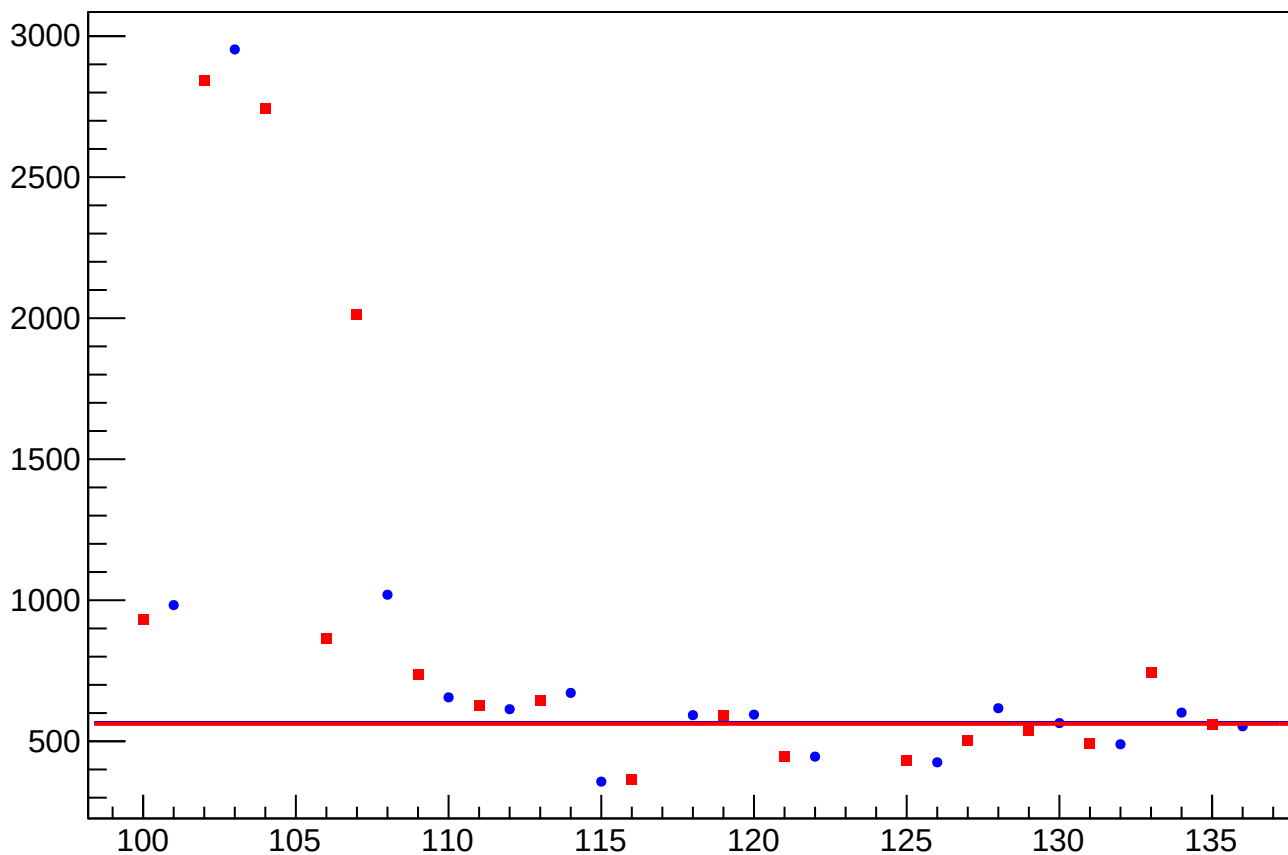
Right: 125.493+/-160.239 χ^2/NDF : 43.8/32

In: -191.527+/-222.763 χ^2/NDF : 25.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.493+/-160.239 χ^2/NDF : 43.8/32

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: 561.851+/-0.163 χ^2/NDF : 2273012.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

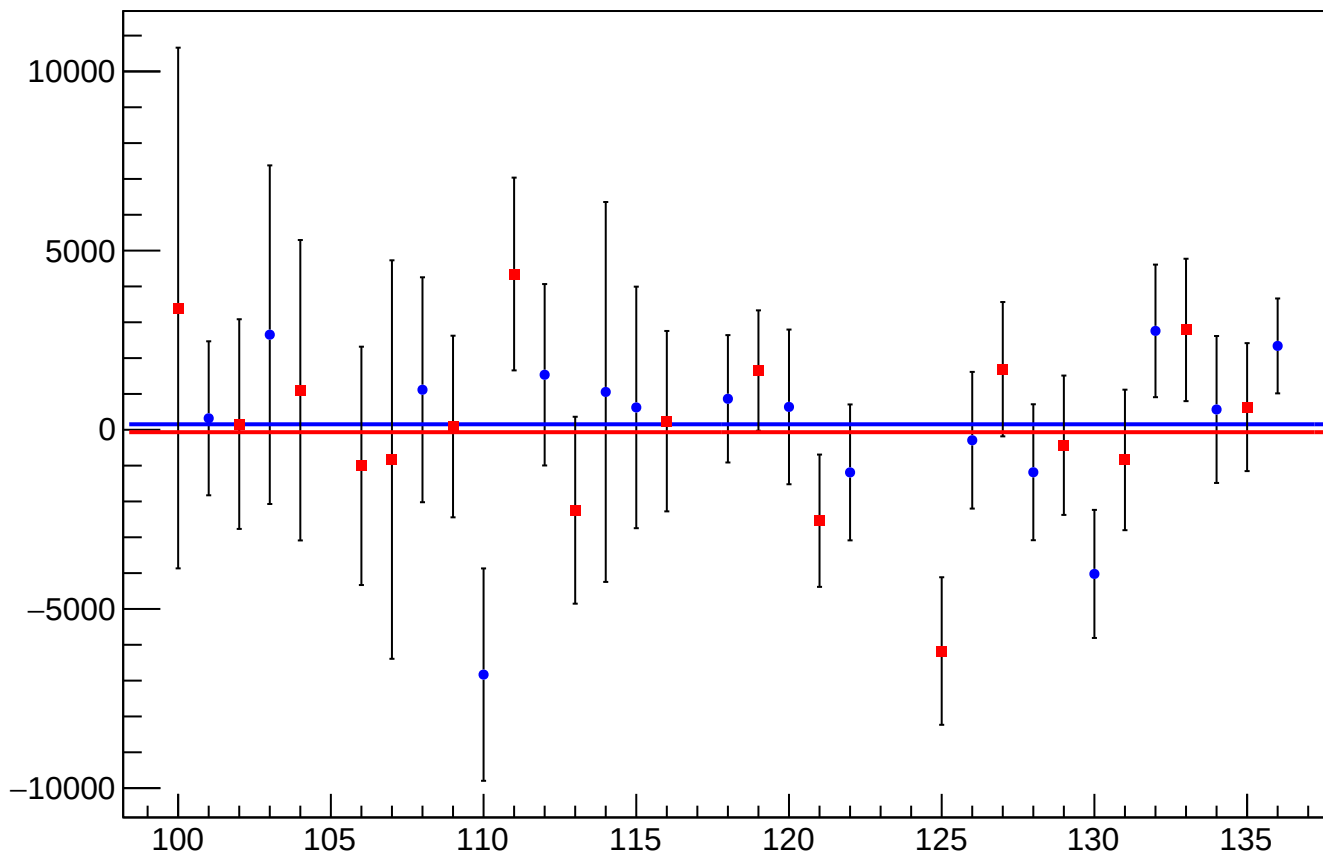
Right: 563.414+/-0.113 χ^2/NDF : 3753562.8/32

In: 564.871+/-0.158 χ^2/NDF : 1480372.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.414+/-0.113 χ^2/NDF : 3753562.8/32

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: -67.127+/-561.294 χ^2/NDF : 18.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

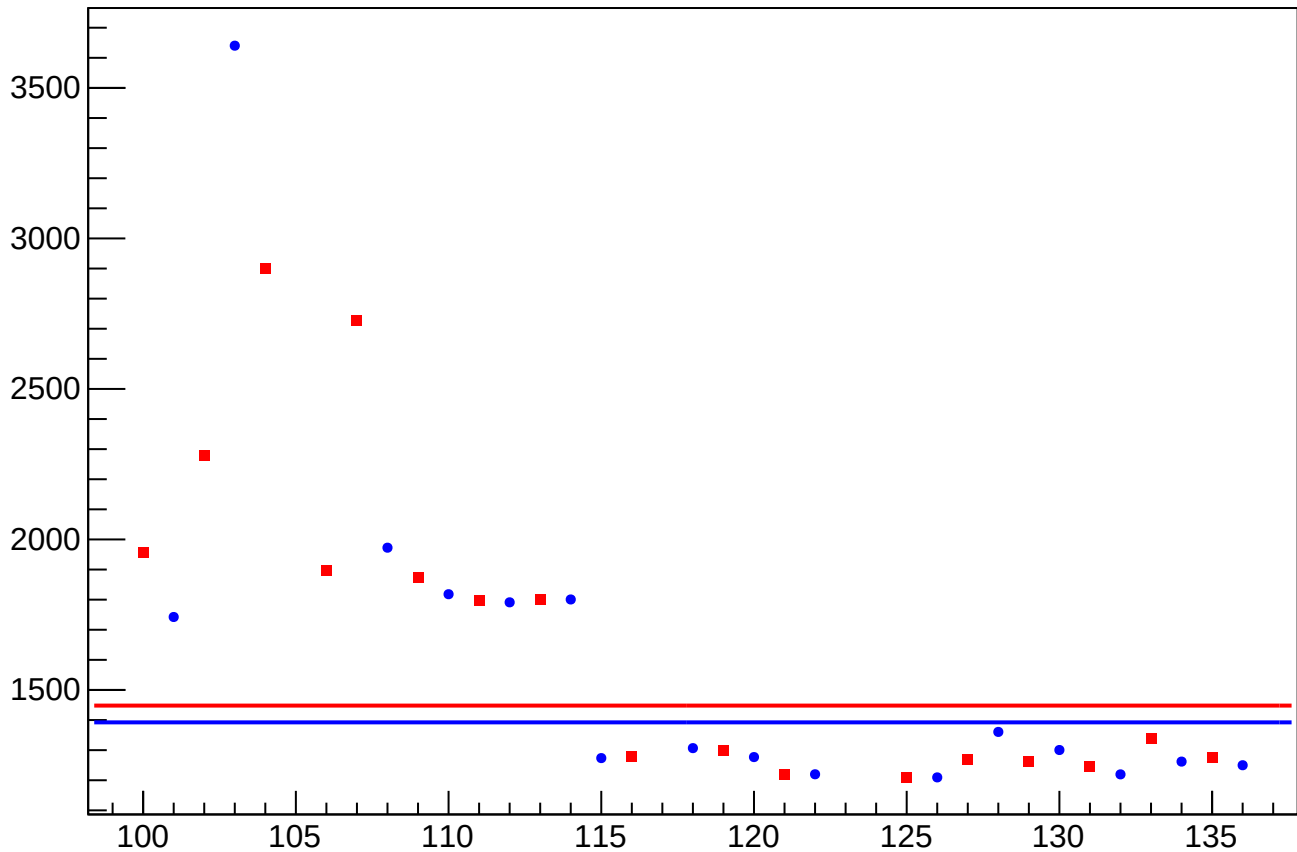
Right: 49.008+/-386.158 χ^2/NDF : 36.6/32

In: 153.375+/-532.096 χ^2/NDF : 17.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.008+/-386.158 χ^2/NDF : 36.6/32

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: 1448.042+/-0.397 χ^2/NDF : 845007.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

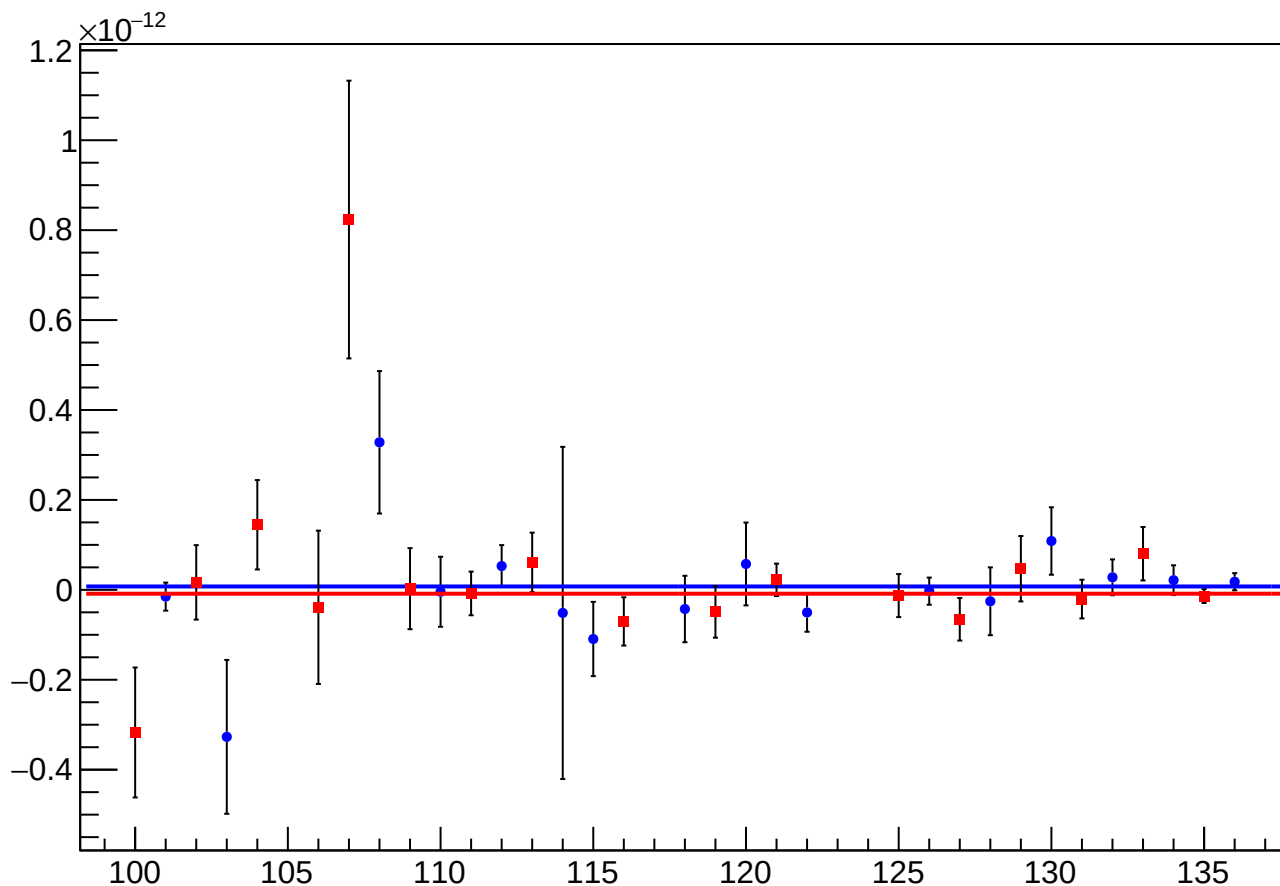
Right: 1418.683+/-0.273 χ^2/NDF : 1634638.0/32

In: 1392.299+/-0.376 χ^2/NDF : 779240.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1418.683+/-0.273 χ^2/NDF : 1634638.0/32

asym_usl_atl1_dd_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: 22.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

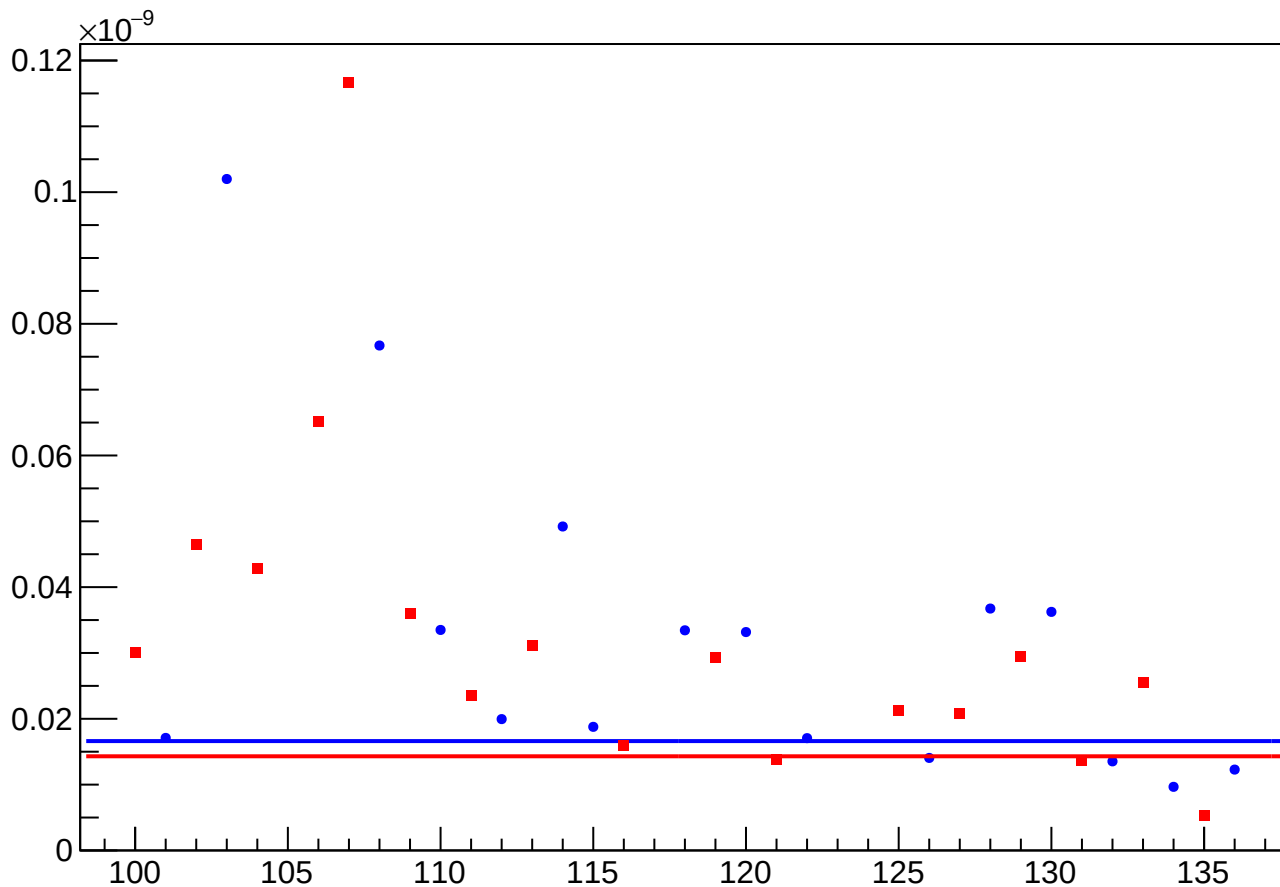
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.4/32

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: 40.4/32

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 : 2257308.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

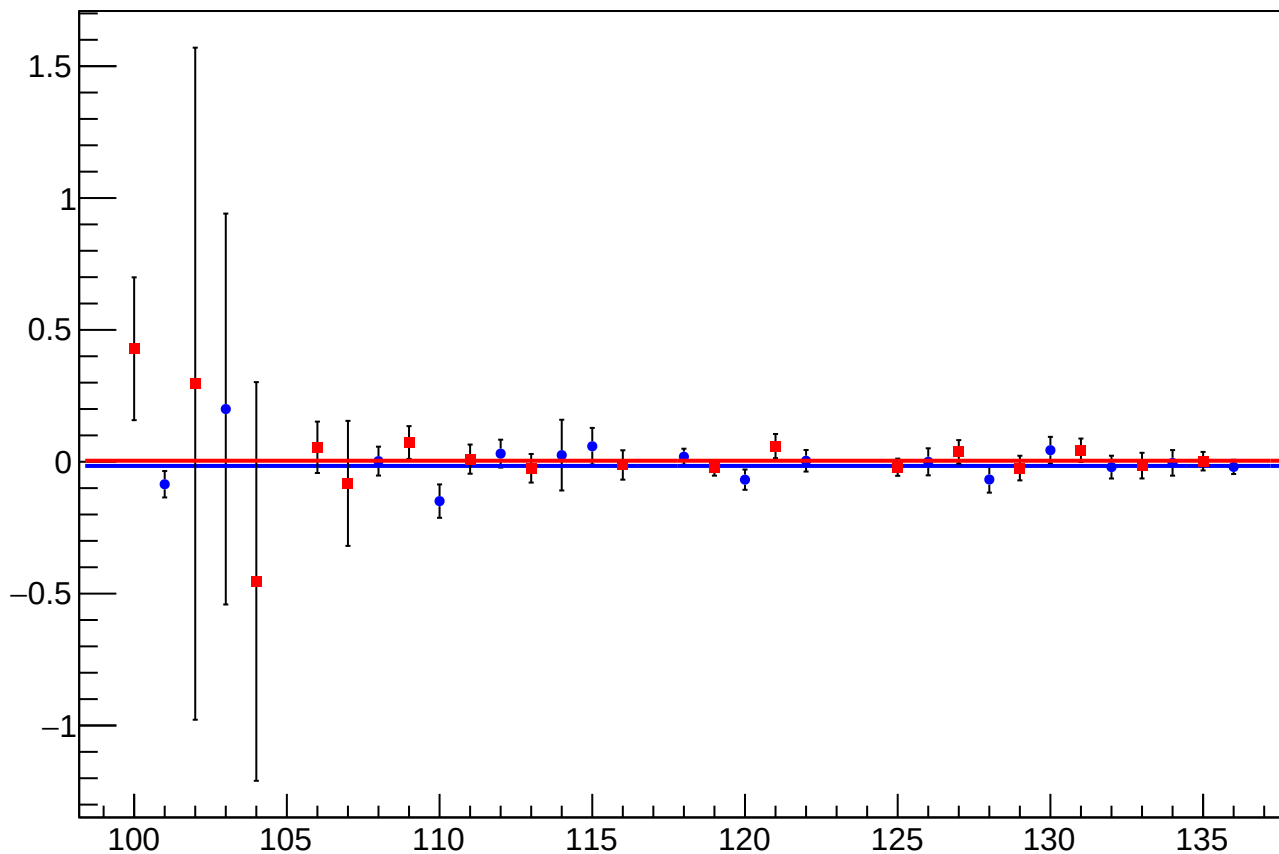
Right: 0.000+/-0.000 χ^2/NDF : 3876071.8/32

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 : 3876071.8/32

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: 0.004+/-0.012 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

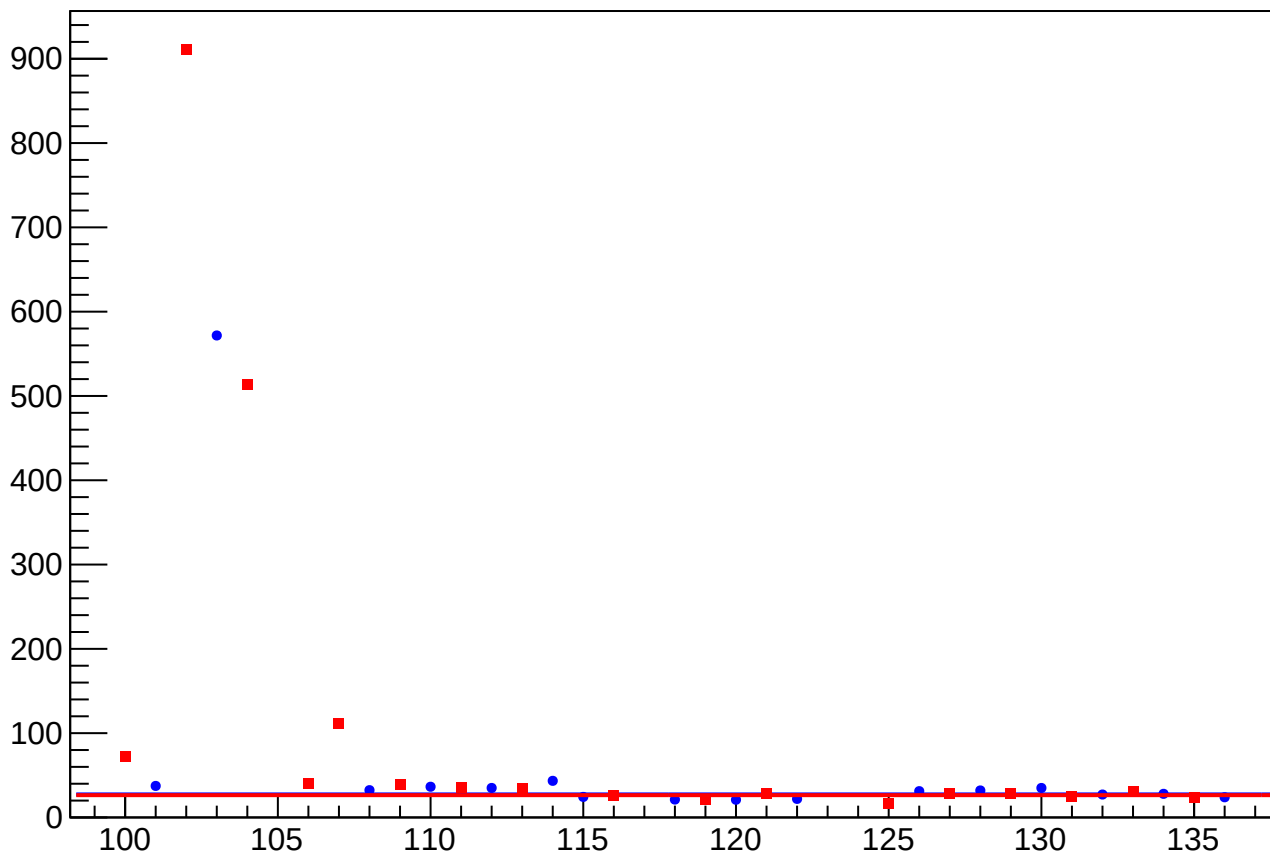
Right: -0.006+/-0.008 χ^2/NDF : 25.7/32

In: -0.016+/-0.012 χ^2/NDF :14.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.006+/-0.008 χ^2/NDF : 25.7/32

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: 26.452+/-0.009 χ^2/NDF : 2613675.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

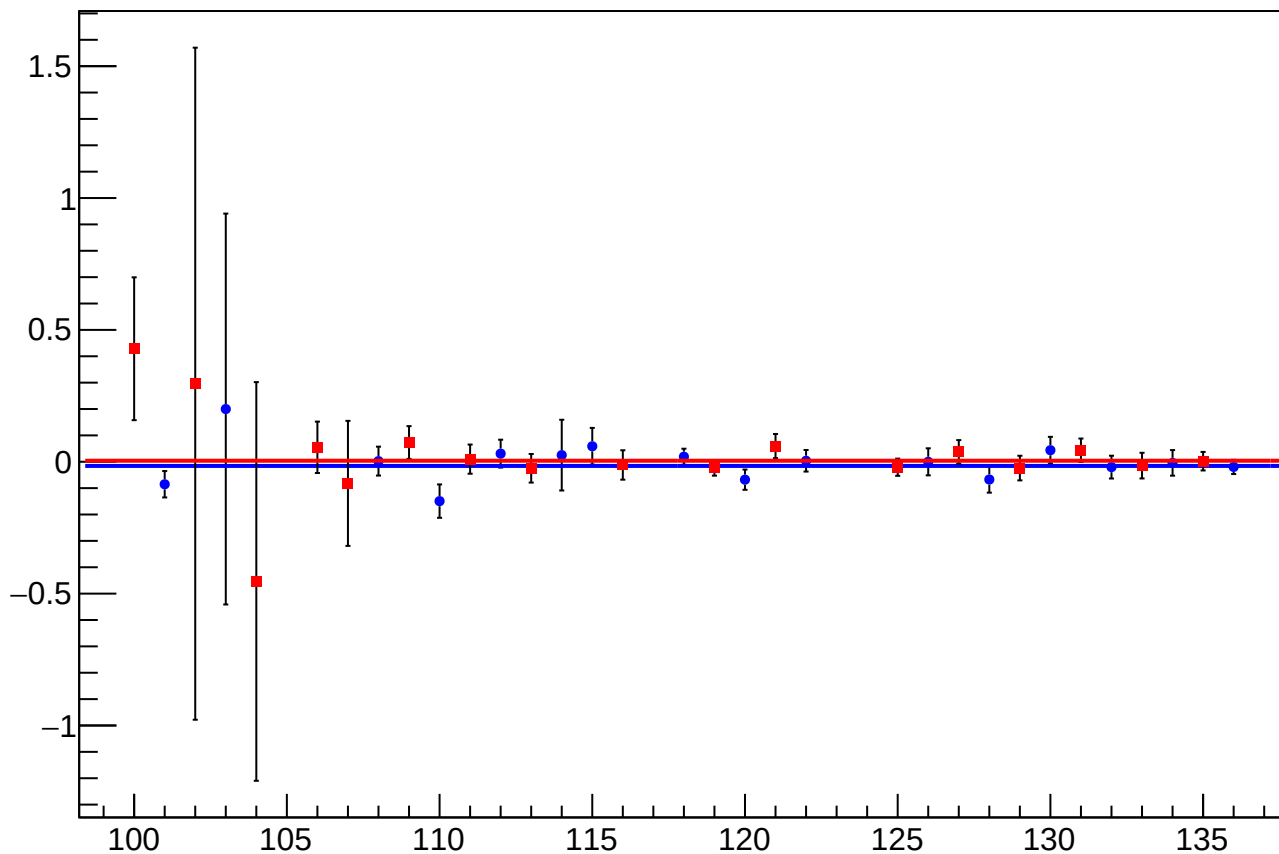
Right: 26.903+/-0.006 χ^2/NDF : 4187138.5/32

In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.903+/-0.006 χ^2/NDF : 4187138.5/32

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: 0.004+/-0.012 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

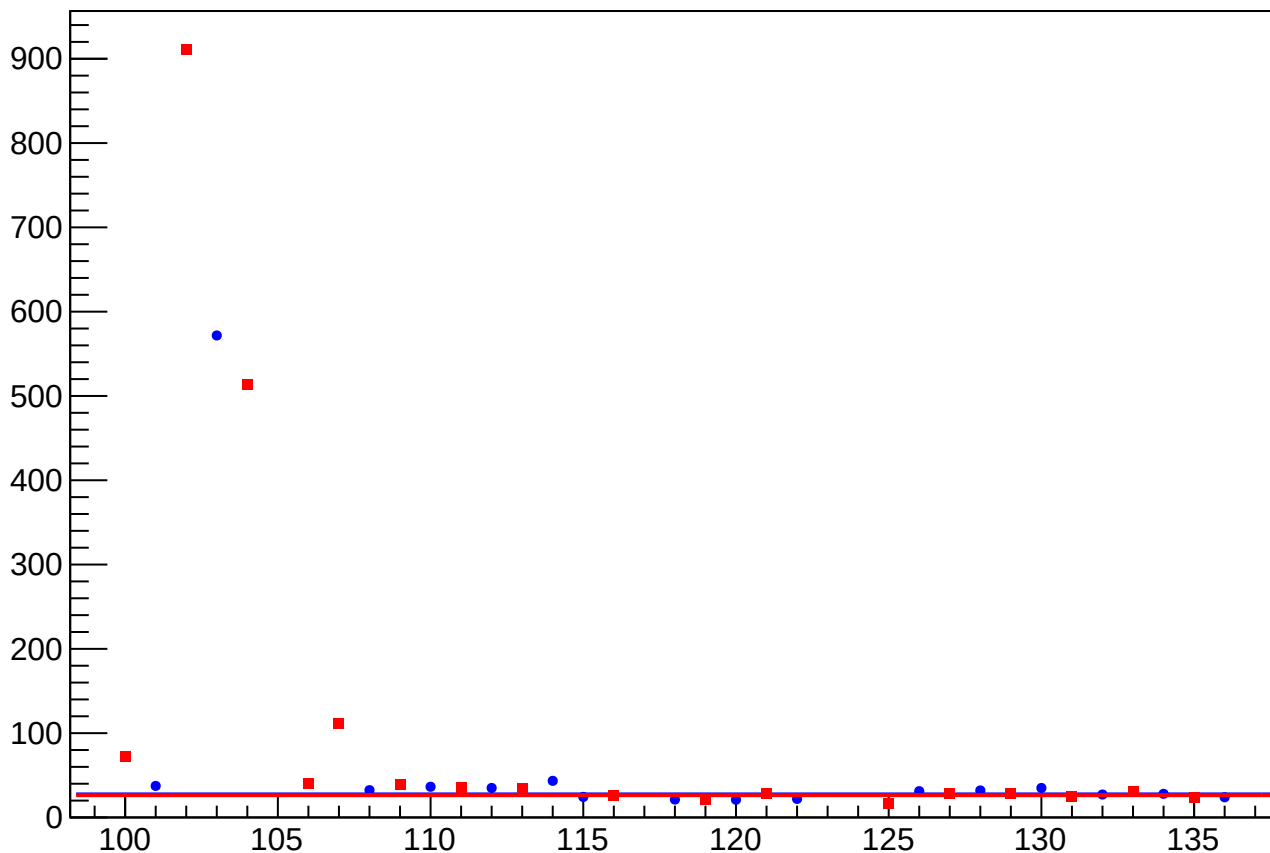
Right: -0.006+/-0.008 χ^2/NDF : 25.7/32

In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.008 χ^2/NDF : 25.7/32

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: 26.452+/-0.009 χ^2/NDF : 2613675.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

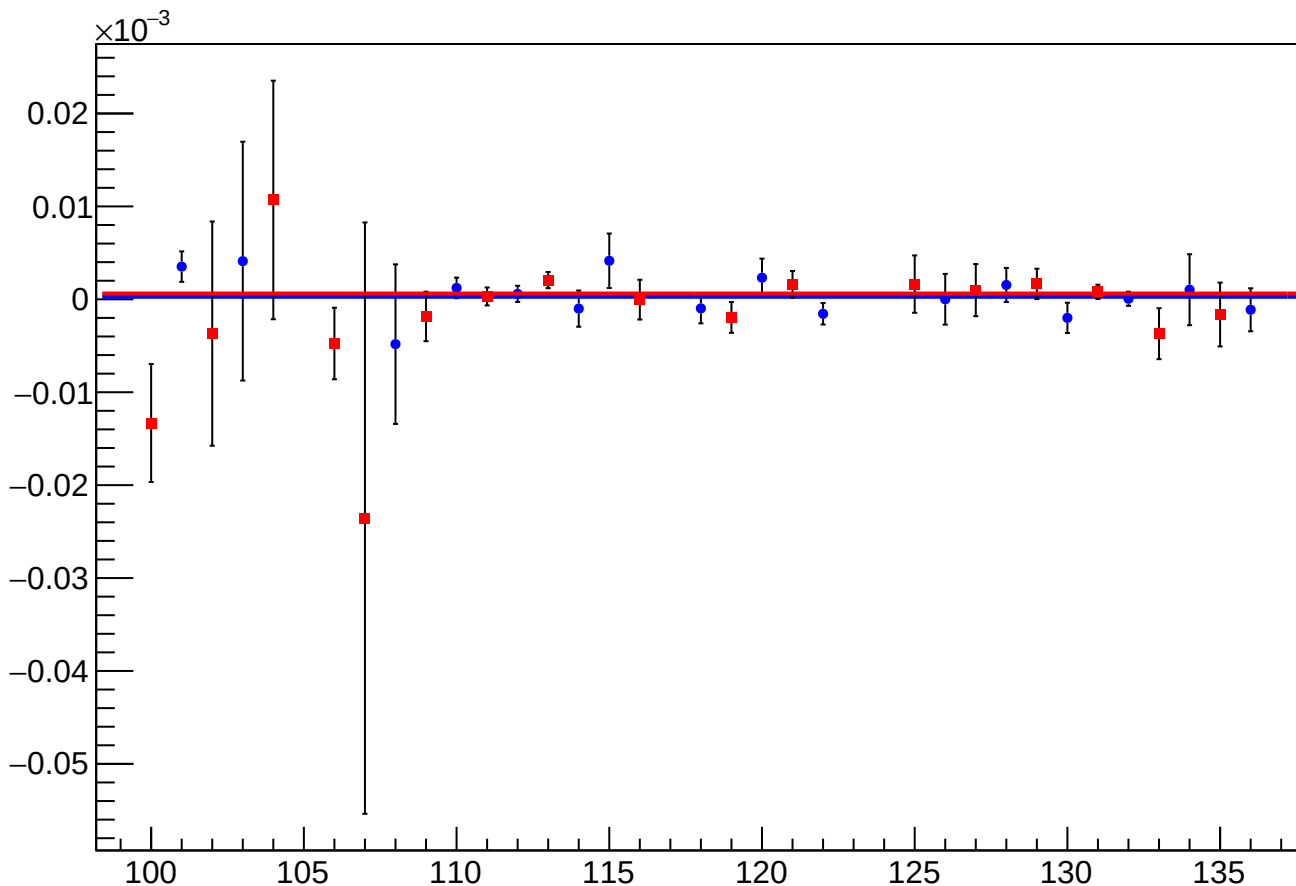
Right: 26.903+/-0.006 χ^2/NDF : 4187138.5/32

In: 27.305+/-0.008 χ^2/NDF : 1568329.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.903+/-0.006 χ^2/NDF : 4187138.5/32

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 : 18.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

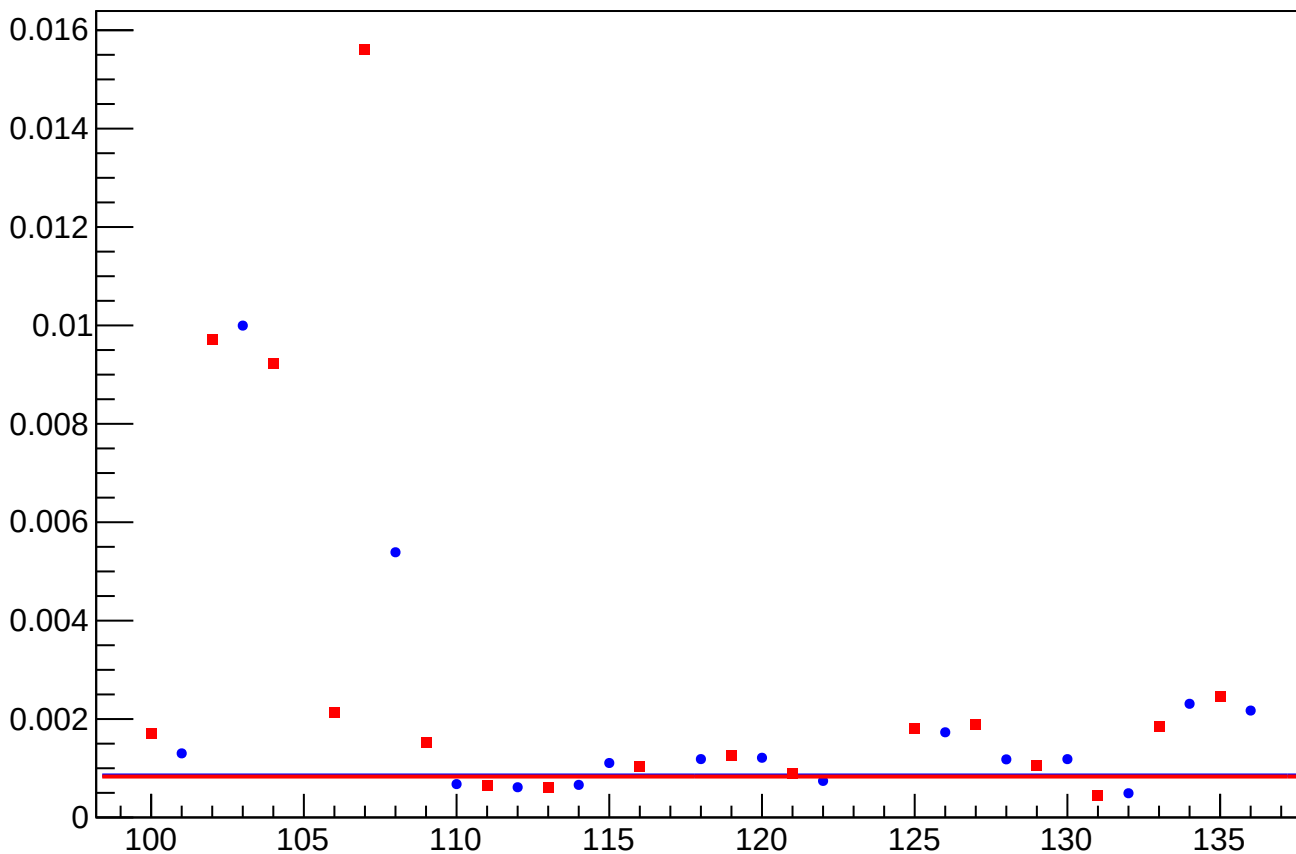
Right: 0.000+/-0.000 χ^2/NDF : 33.1/32

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 : 33.1/32

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 : 4887995.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

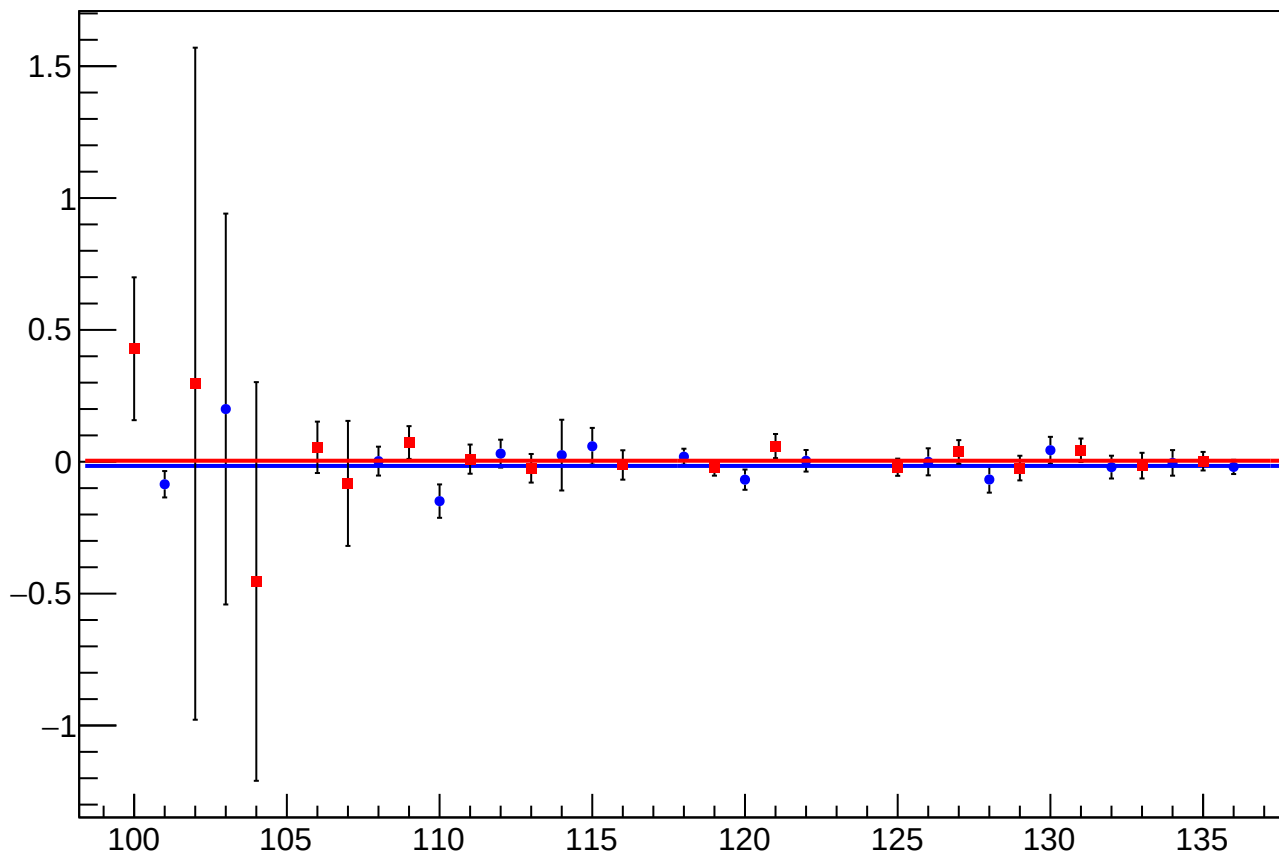
Right: 0.001+/-0.000 χ^2/NDF : 8754881.9/32

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 : 8754881.9/32

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: 0.004+/-0.012 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

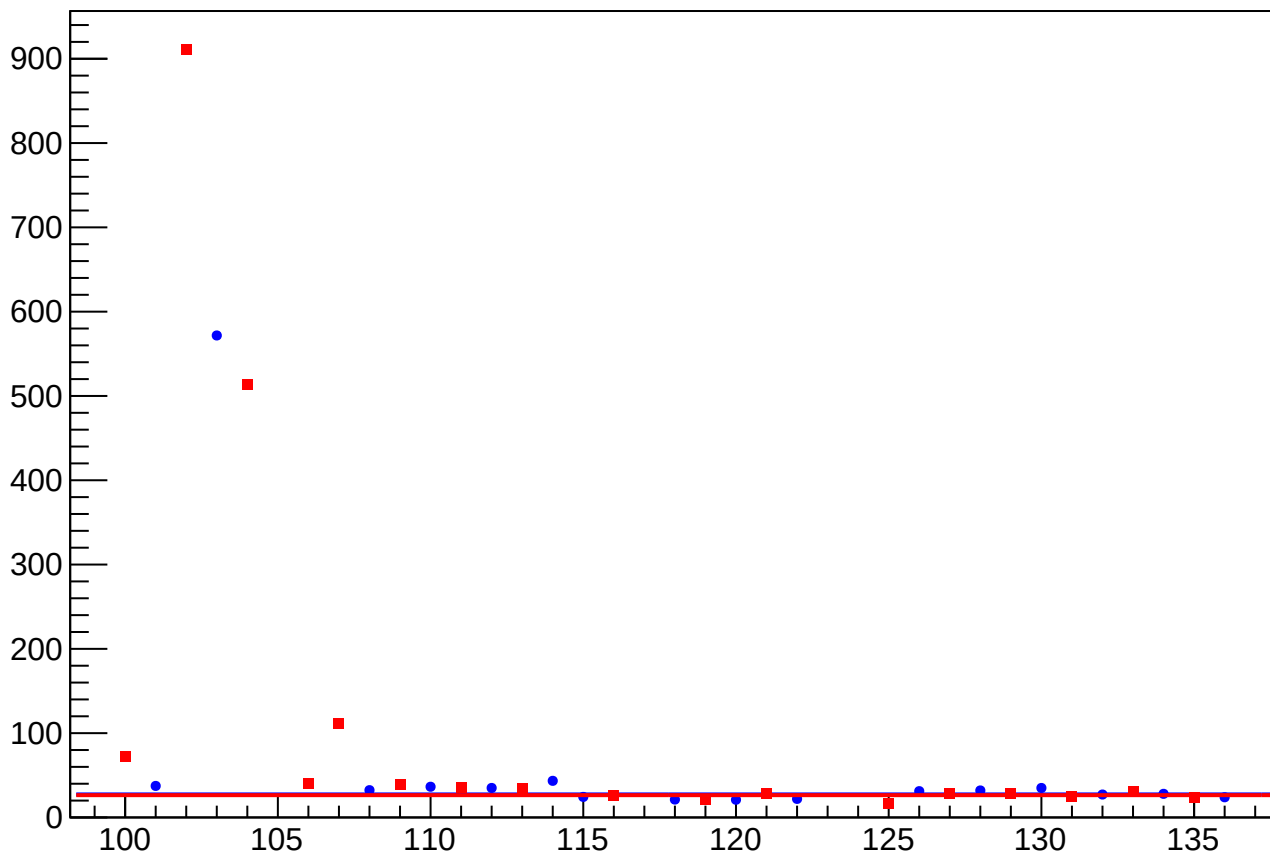
Right: -0.006+/-0.008 χ^2/NDF : 25.7/32

In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.008 χ^2/NDF : 25.7/32

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: 26.452+/-0.009 χ^2/NDF : 2613693.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

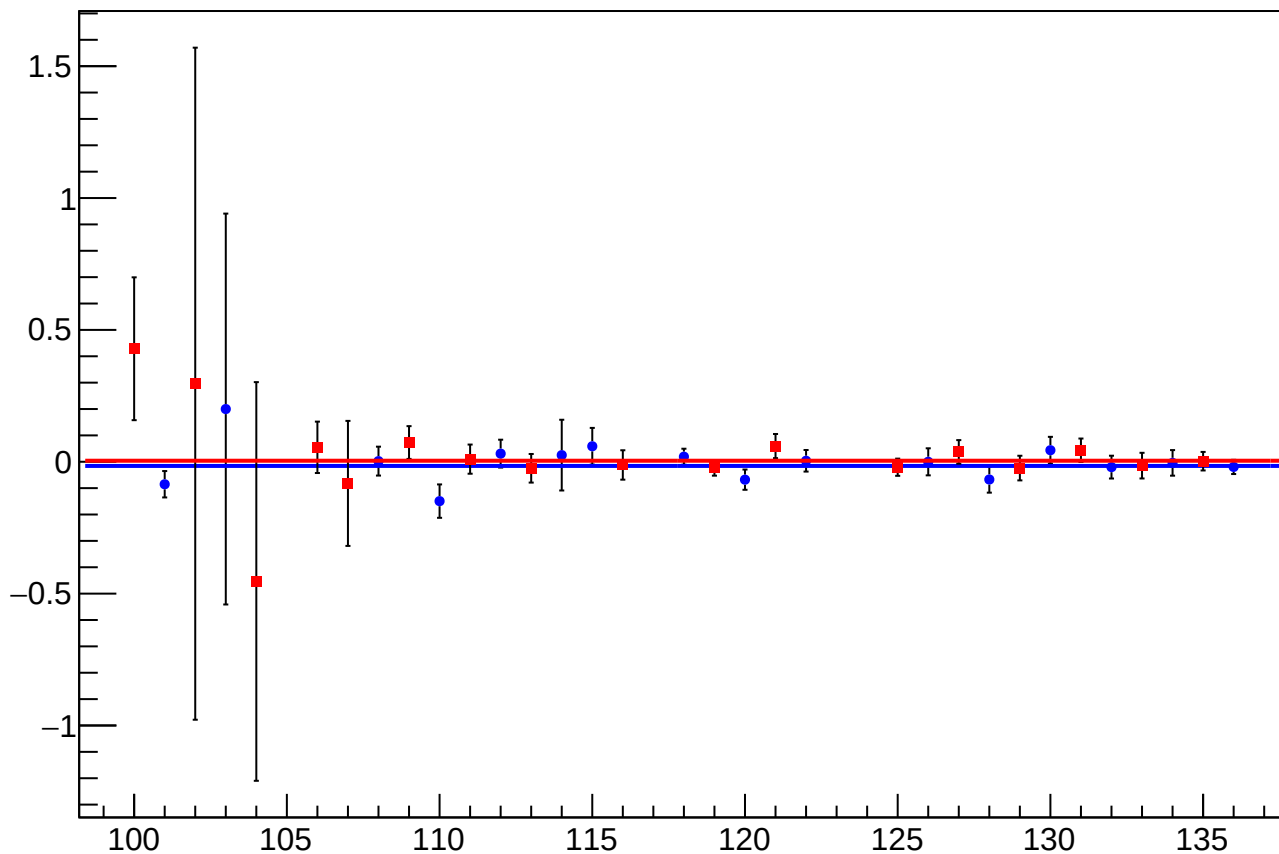
Right: 26.903+/-0.006 χ^2/NDF : 4187152.9/32

In: 27.305+/-0.008 χ^2/NDF :1568325.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.903+/-0.006 χ^2/NDF : 4187152.9/32

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: 0.004+/-0.012 χ^2/NDF : 9.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

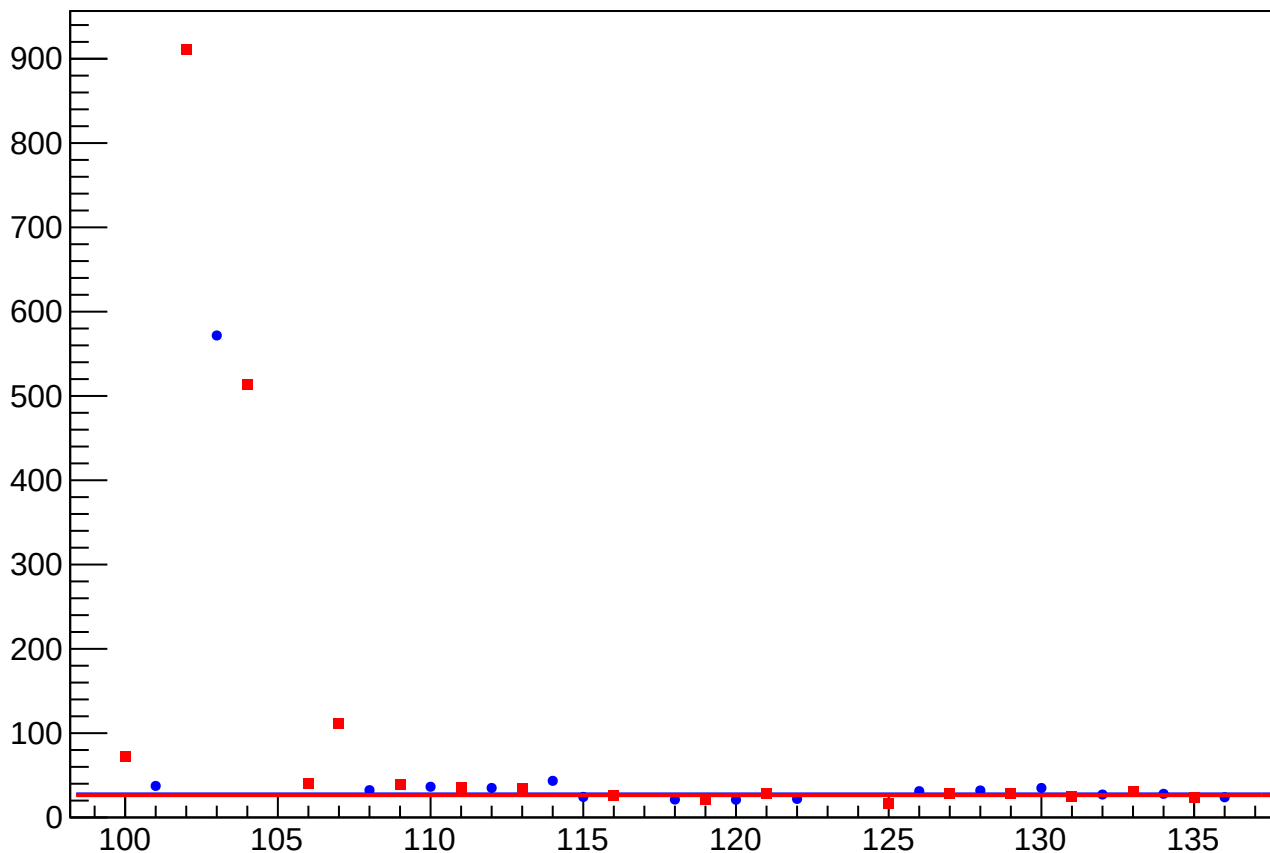
Right: -0.006+/-0.008 χ^2/NDF : 25.7/32

In: -0.016+/-0.012 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.008 χ^2/NDF : 25.7/32

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: 26.452+/-0.009 χ^2/NDF : 2613693.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

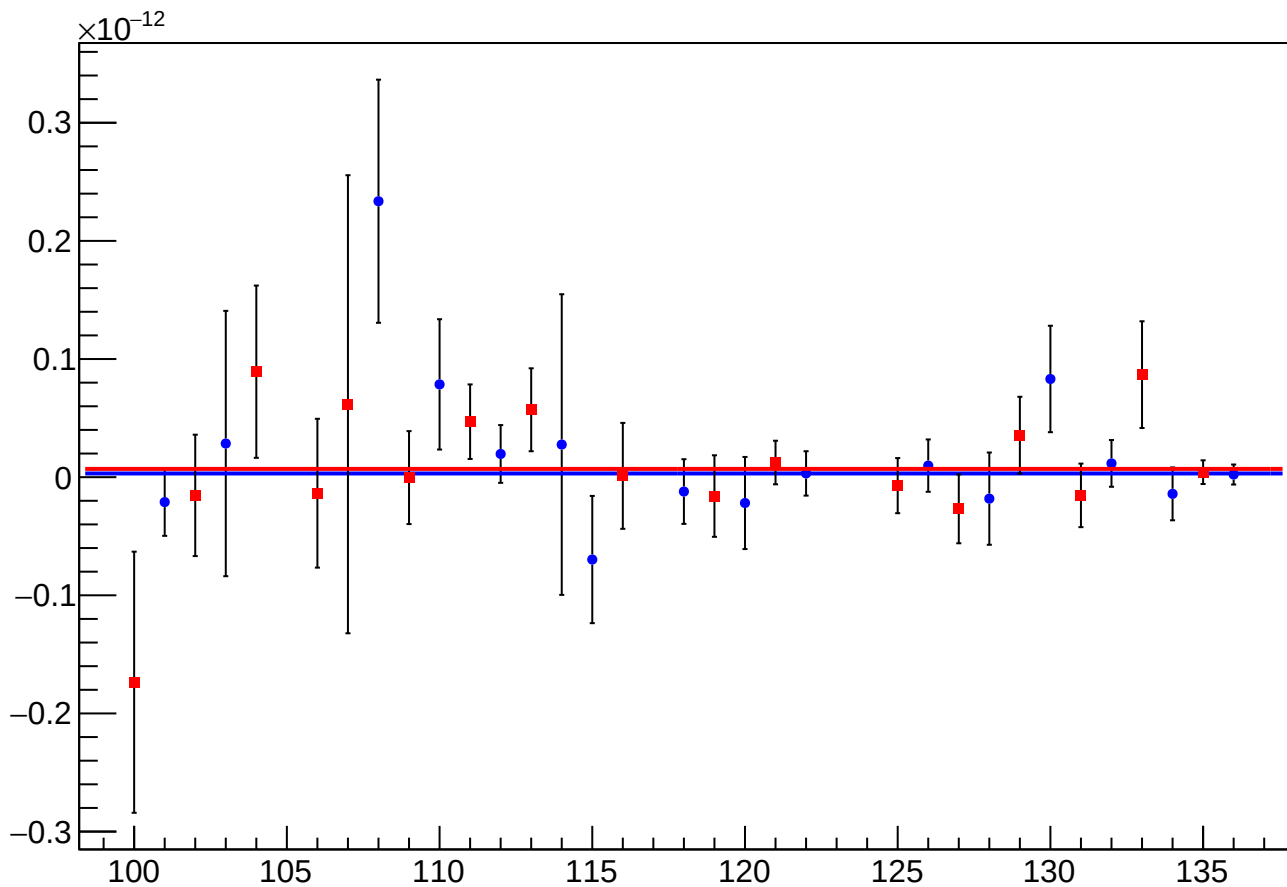
Right: 26.903+/-0.006 χ^2/NDF : 4187152.9/32

In: 27.305+/-0.008 χ^2/NDF :1568325.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.903+/-0.006 χ^2/NDF : 4187152.9/32

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 : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

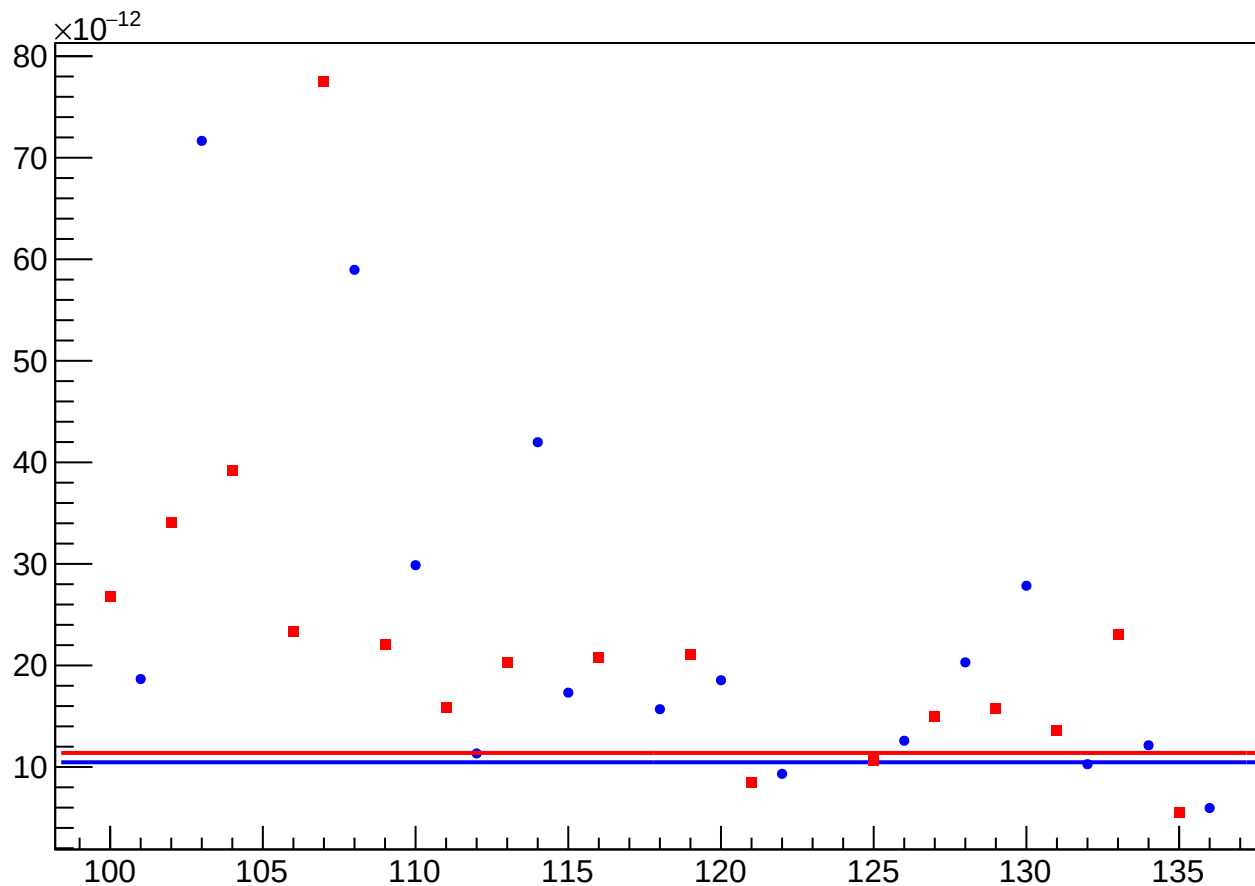
Right: 0.000+/-0.000 χ^2/NDF : 30.1/32

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 : 30.1/32

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 : 2539877.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

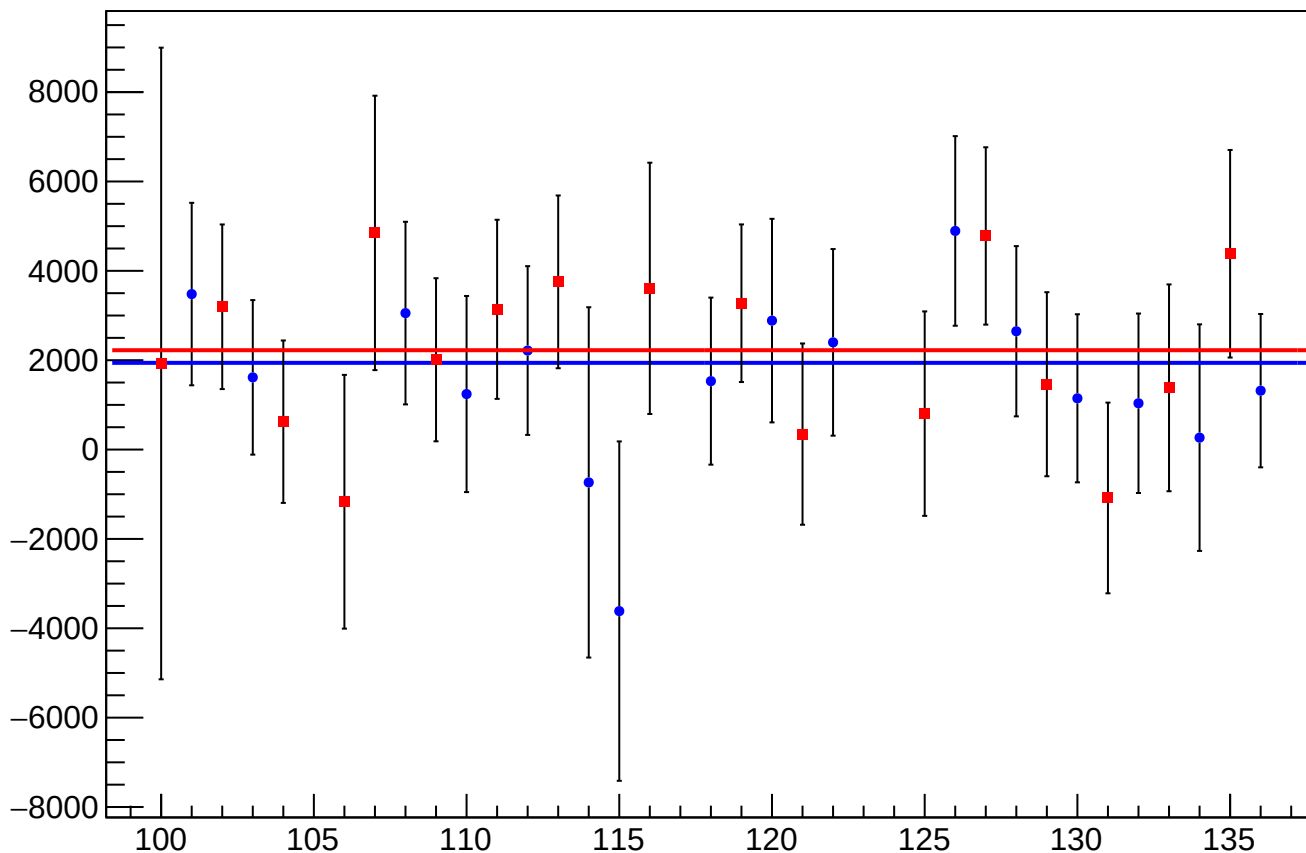
Right: 0.000+/-0.000 χ^2/NDF : 5357157.9/32

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 : 5357157.9/32

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: 2223.353+/-525.082 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

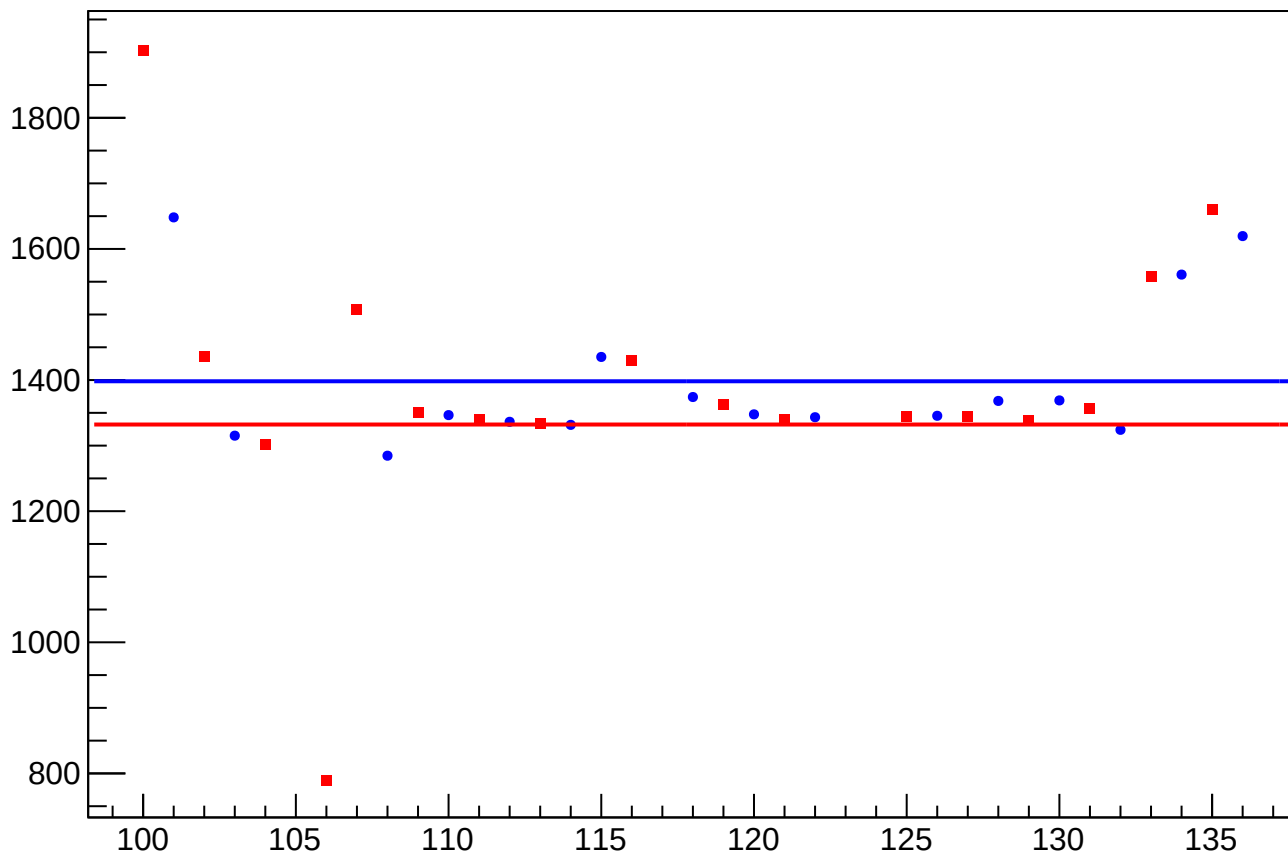
Right: 2081.380+/-370.257 χ^2/NDF : 18.2/32

In: 1940.976+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.380+/-370.257 χ^2/NDF : 18.2/32

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: 1332.187+/-0.359 χ^2/NDF : 305203.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

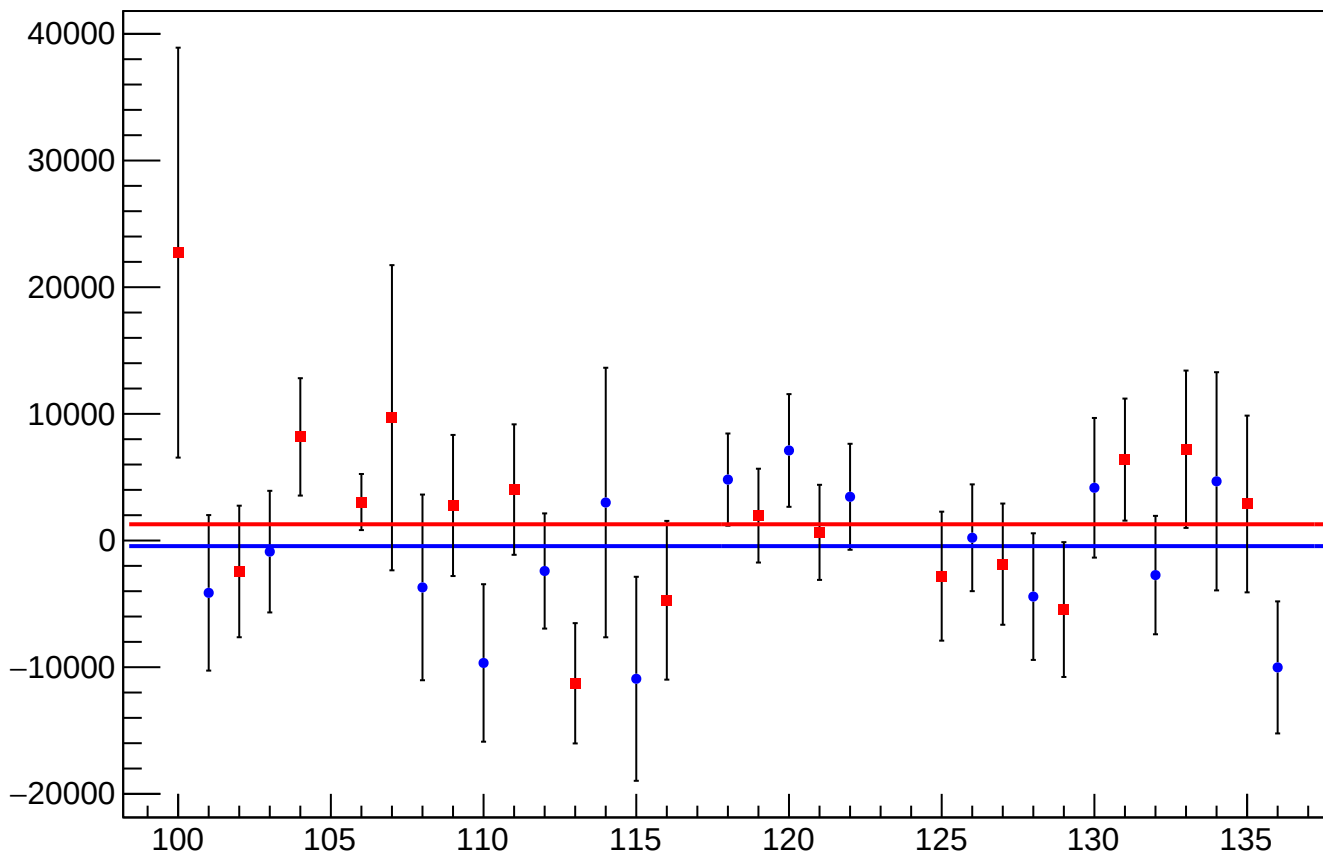
Right: 1364.287+/-0.258 χ^2/NDF : 415519.1/32

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1364.287+/-0.258 χ^2/NDF : 415519.1/32

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: 1284.389+/-1125.732 χ^2/NDF : 18.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

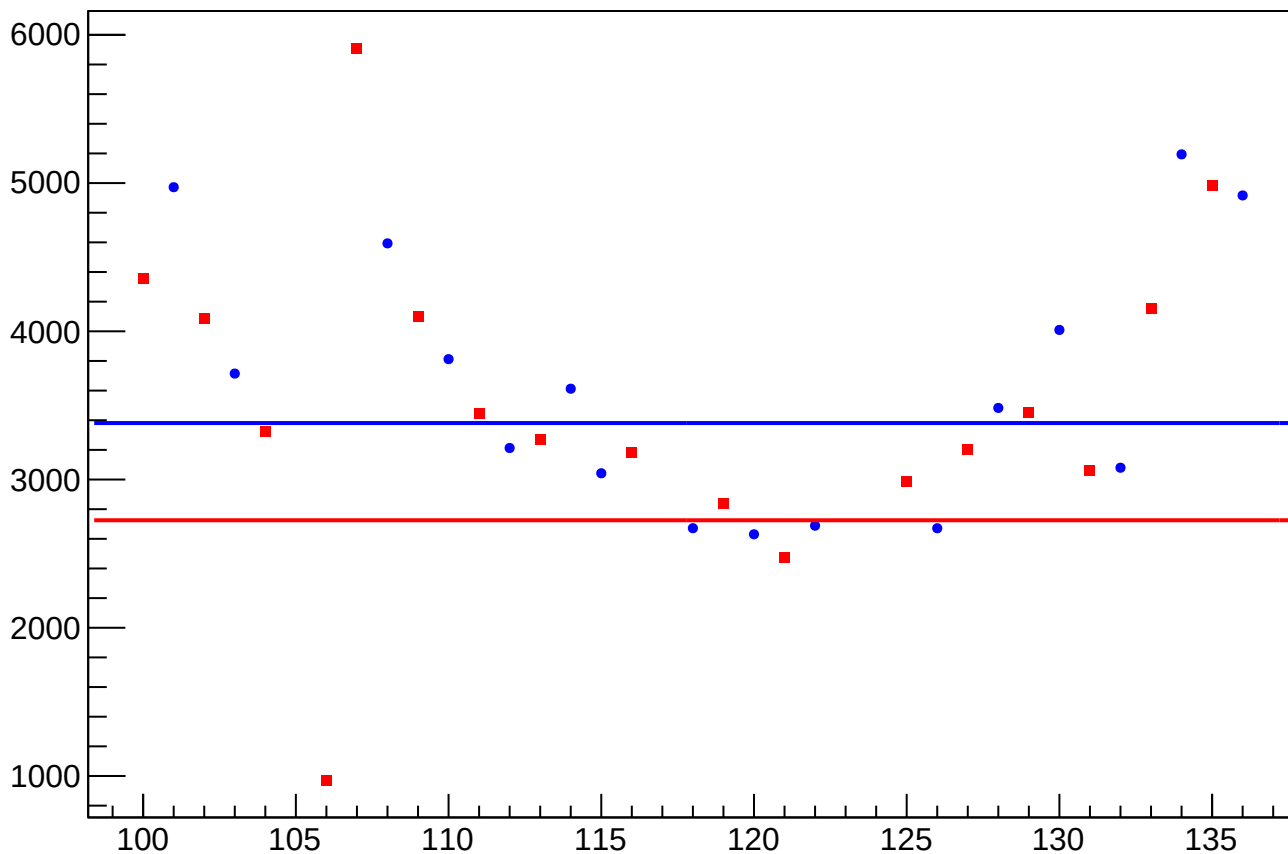
Right: 542.293+/-849.857 χ^2/NDF : 35.6/32

In: -441.138+/-1295.916 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 542.293+/-849.857 χ^2/NDF : 35.6/32

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: 2725.317+/-0.796 χ^2/NDF : 2183530.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

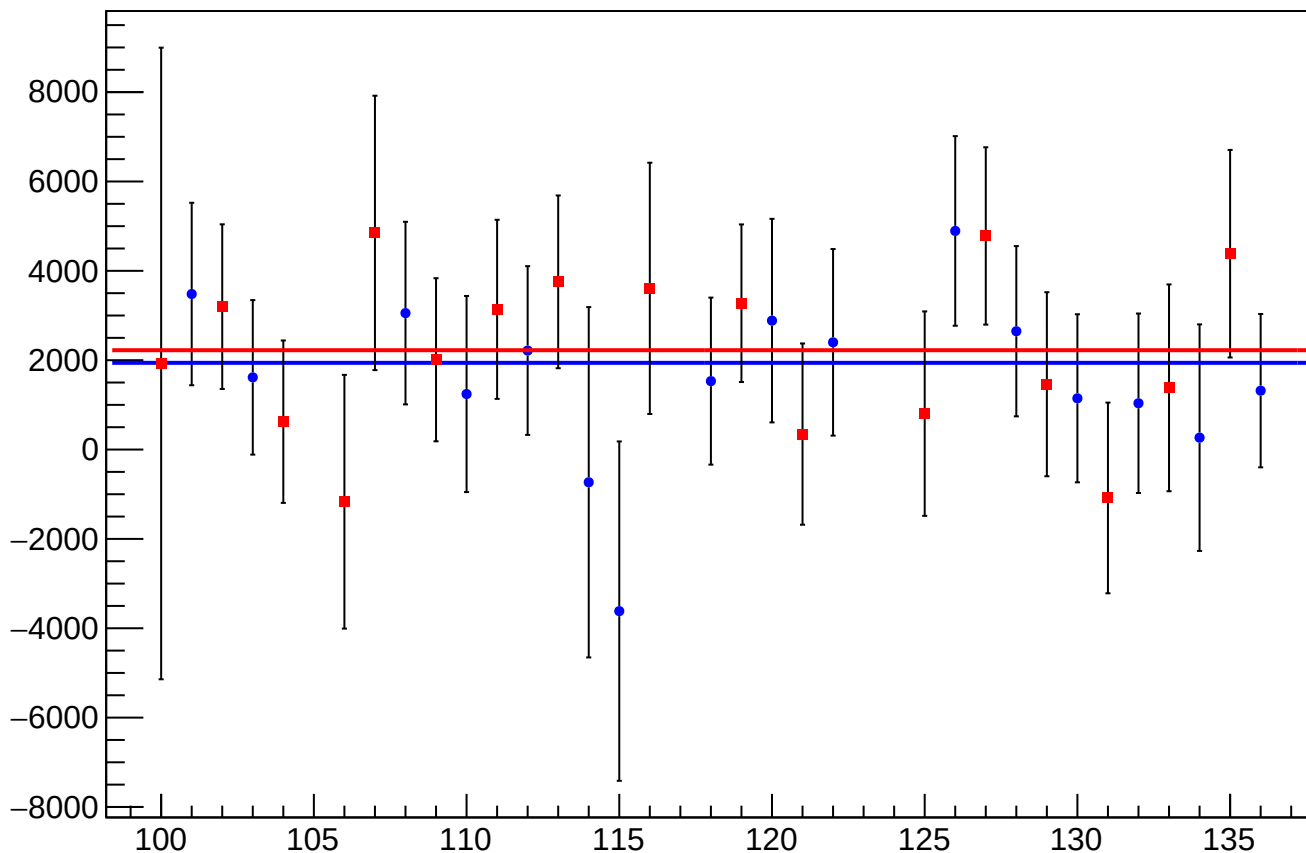
Right: 3007.356+/-0.601 χ^2/NDF : 3232582.7/32

In: 3381.117+/-0.916 χ^2/NDF : 757146.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3007.356+/-0.601 χ^2/NDF : 3232582.7/32

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: 2223.546+/-525.085 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

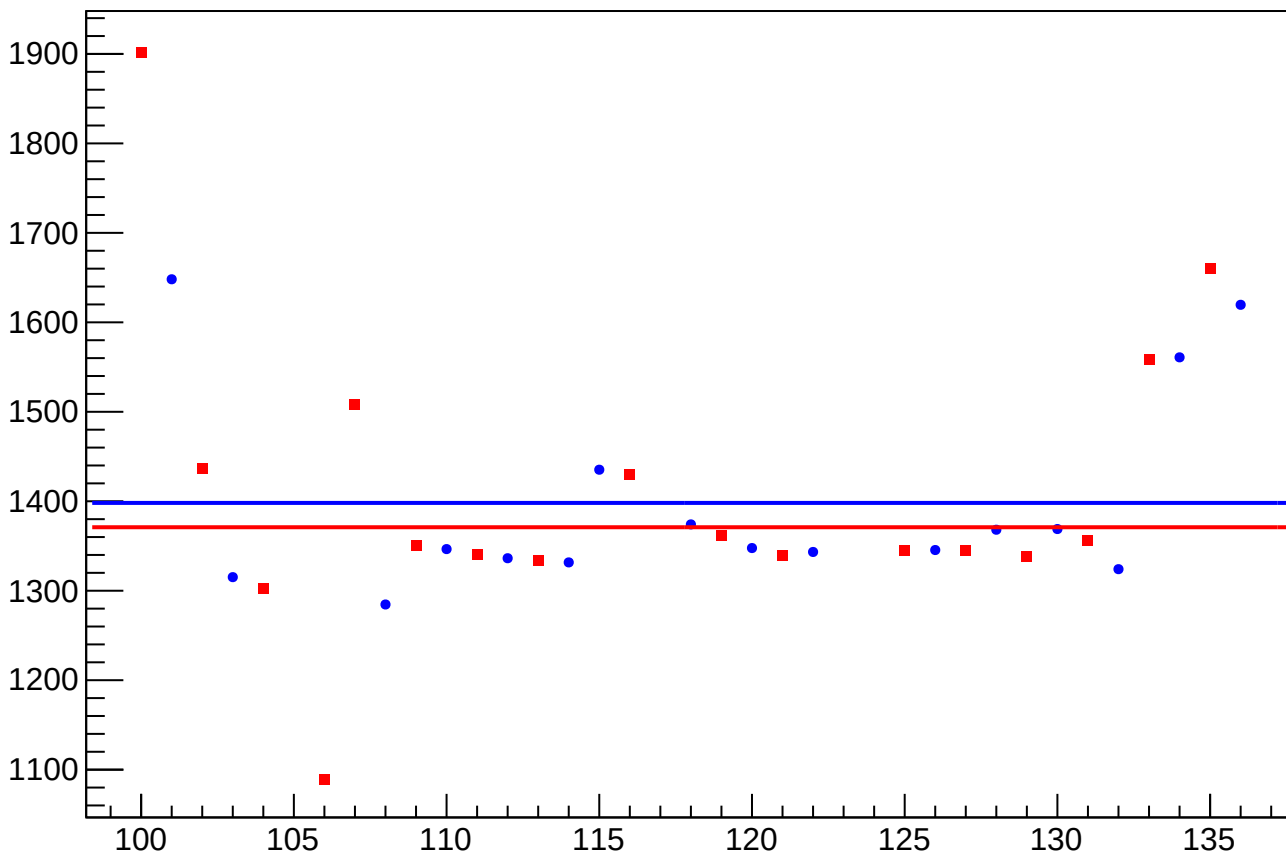
Right: 2081.503+/-370.258 χ^2/NDF : 18.2/32

In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.503+/-370.258 χ^2/NDF : 18.2/32

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: 1370.964+/-0.366 χ^2/NDF : 104634.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

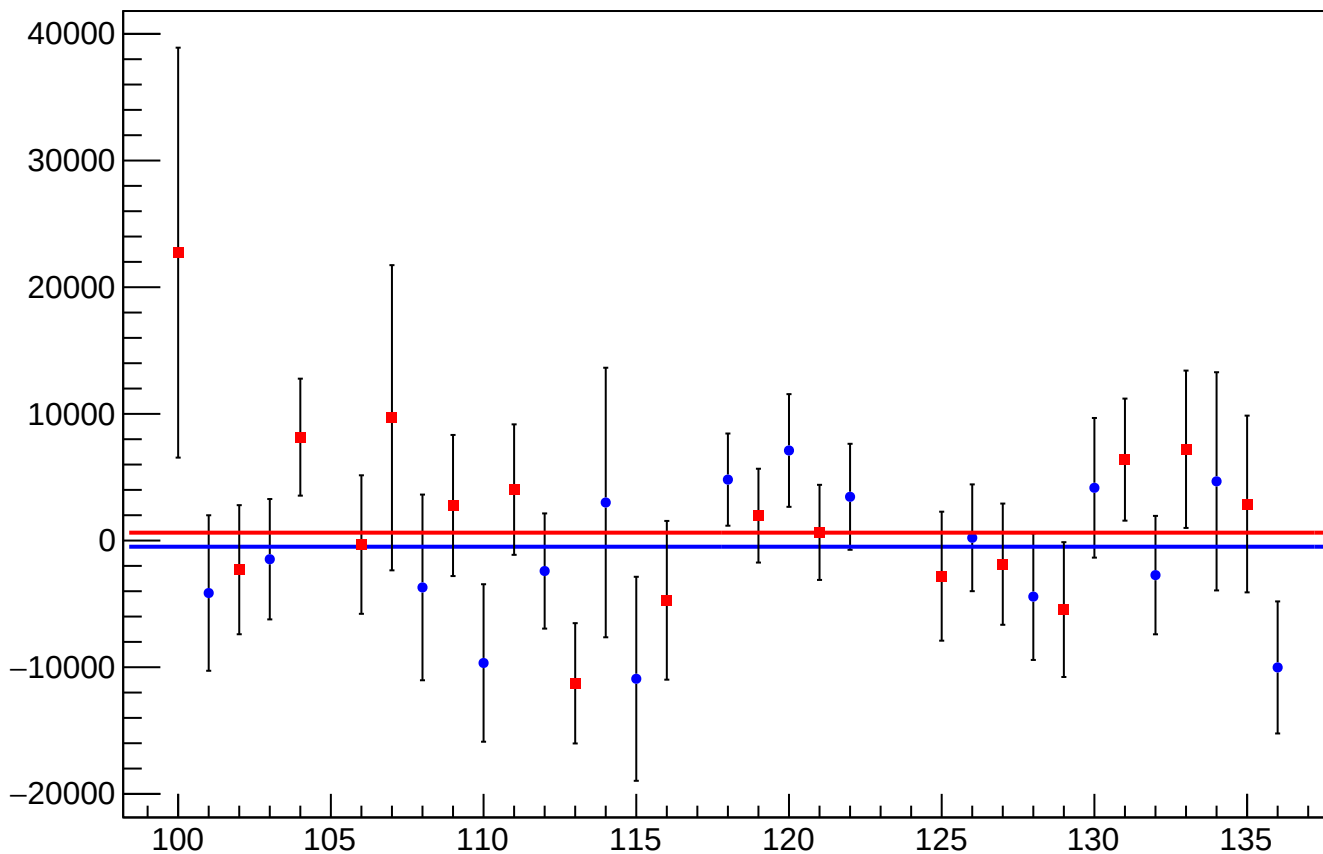
Right: 1384.452+/-0.260 χ^2/NDF : 201292.4/32

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.452+/-0.260 χ^2/NDF : 201292.4/32

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: 623.026+/-1269.680 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

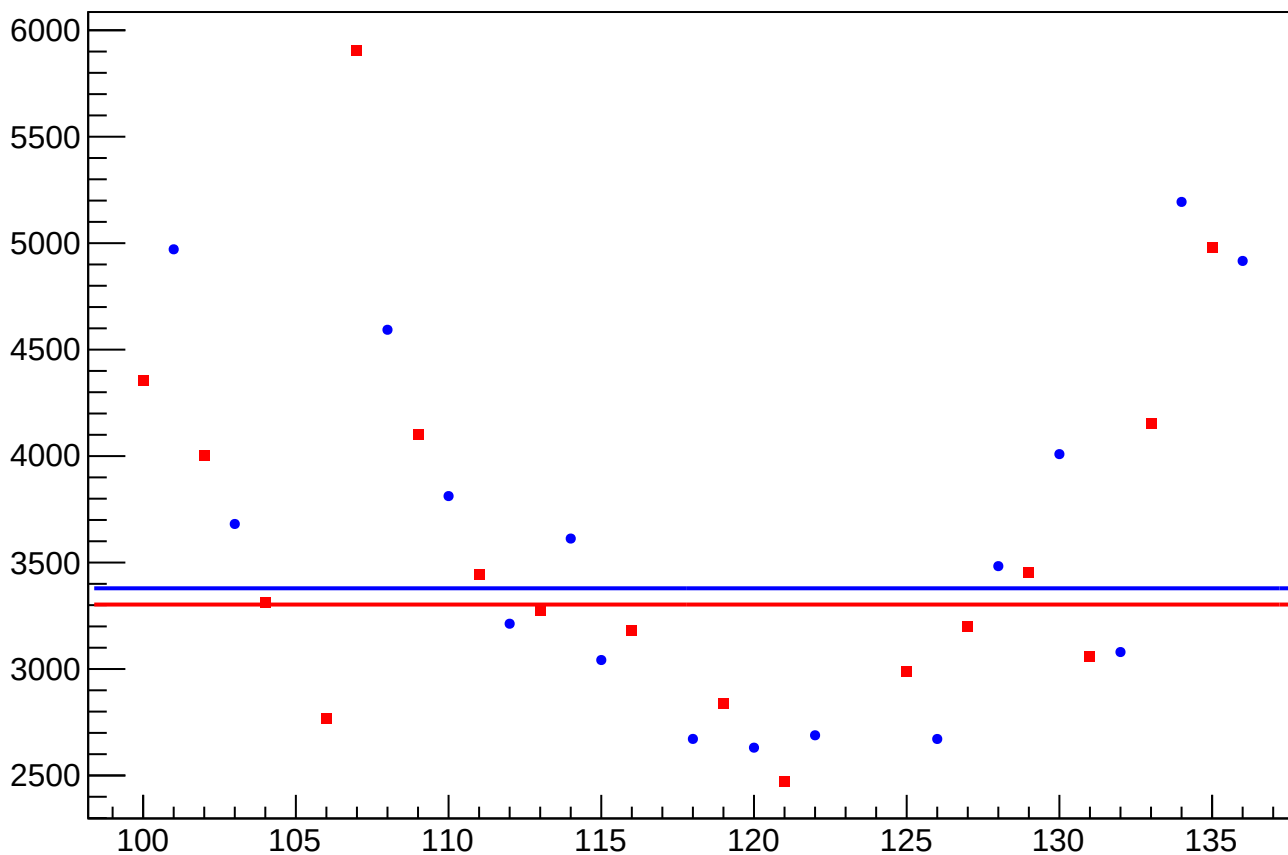
Right: 79.155+/-906.595 χ^2/NDF : 34.2/32

In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.155+/-906.595 χ^2/NDF : 34.2/32

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: 3302.787+/-0.898 χ^2/NDF : 499479.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

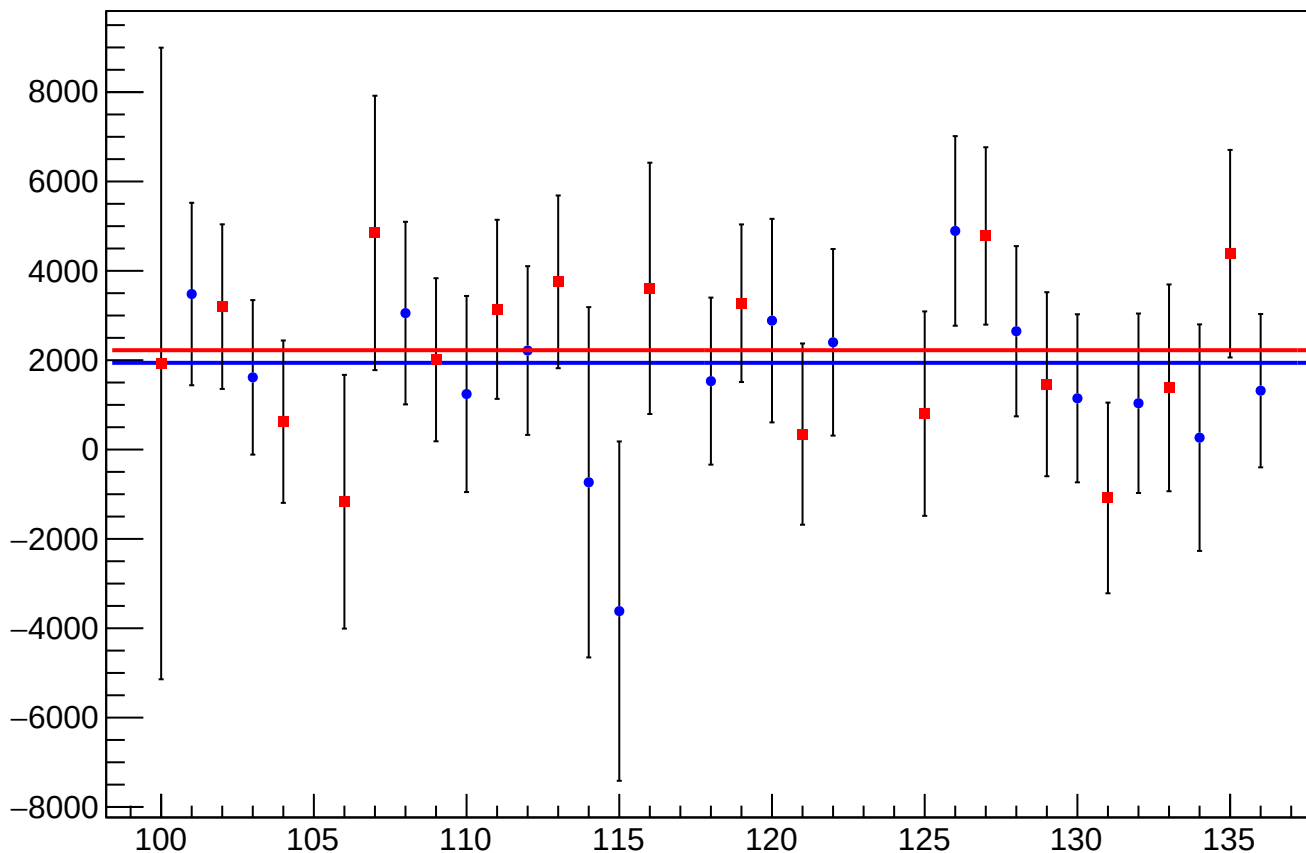
Right: 3340.197+/-0.641 χ^2/NDF : 1258361.8/32

In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3340.197+/-0.641 χ^2/NDF : 1258361.8/32

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: 2223.546+/-525.085 χ^2/NDF : 11.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

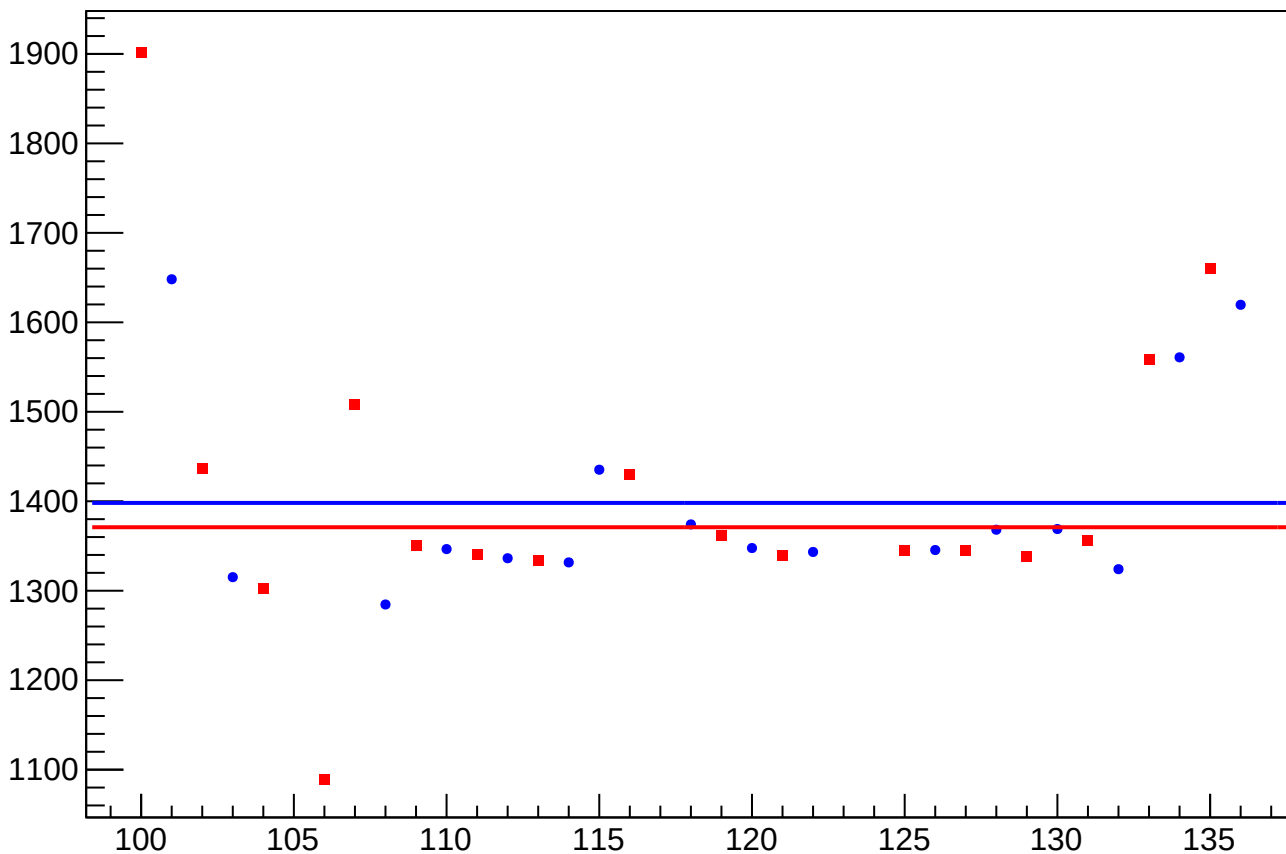
Right: 2081.503+/-370.258 χ^2/NDF : 18.2/32

In: 1941.031+/-522.174 χ^2/NDF : 6.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2081.503+/-370.258 χ^2/NDF : 18.2/32

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: 1370.964+/-0.366 χ^2/NDF : 104634.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

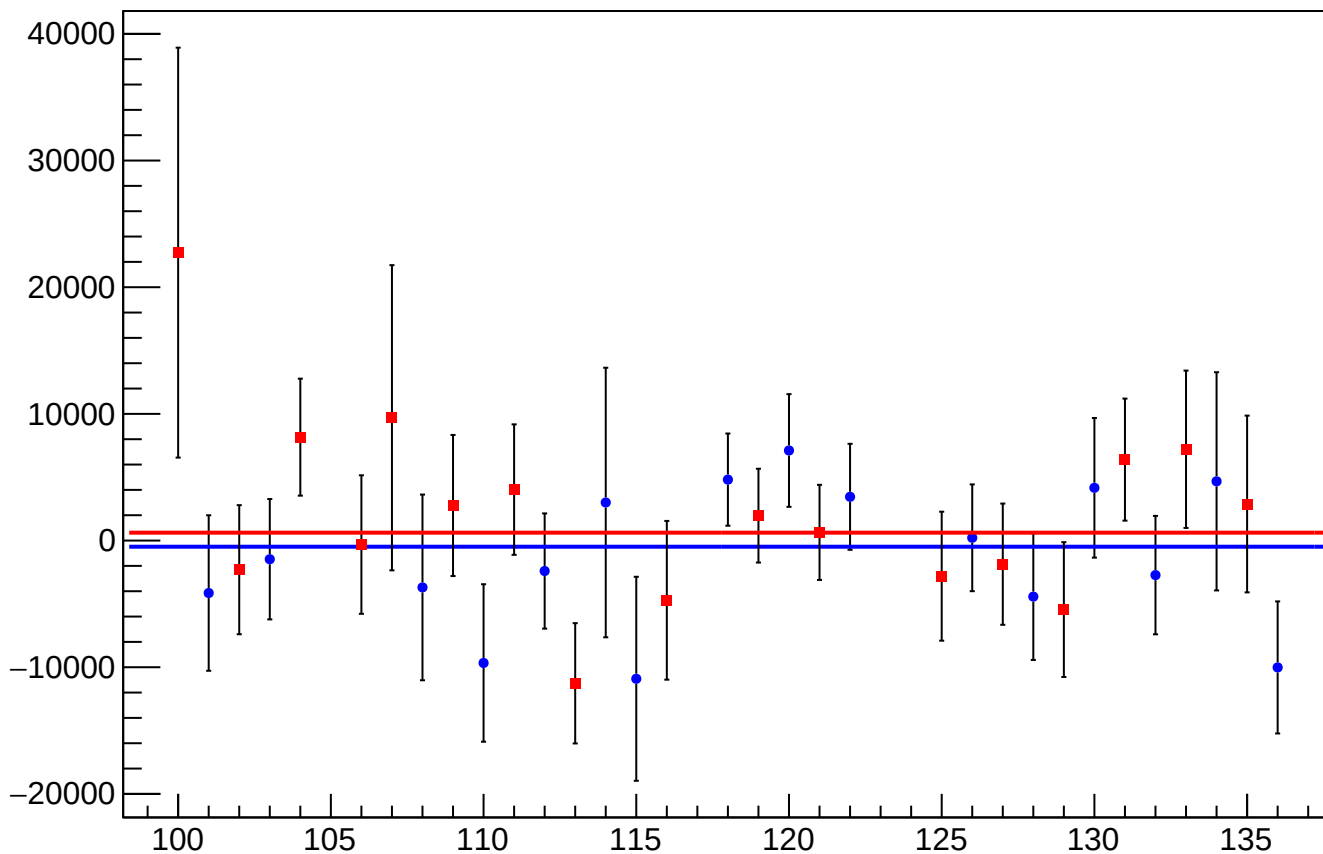
Right: 1384.452+/-0.260 χ^2/NDF : 201292.4/32

In: 1398.161+/-0.369 χ^2/NDF : 93923.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1384.452+/-0.260 χ^2/NDF : 201292.4/32

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: 623.026+/-1269.680 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

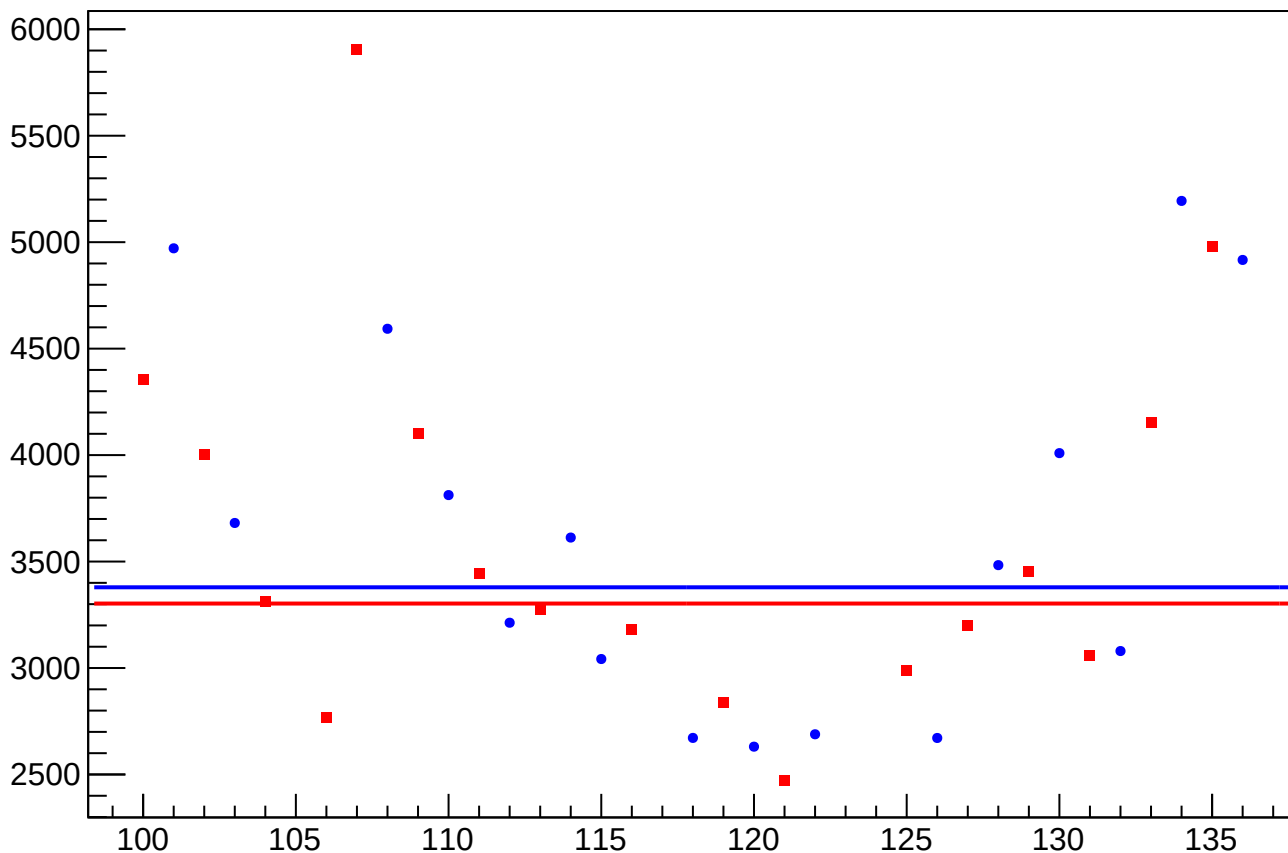
Right: 79.155+/-906.595 χ^2/NDF : 34.2/32

In: -486.563+/-1294.930 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.155+/-906.595 χ^2/NDF : 34.2/32

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: 3302.787+/-0.898 χ^2/NDF : 499479.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

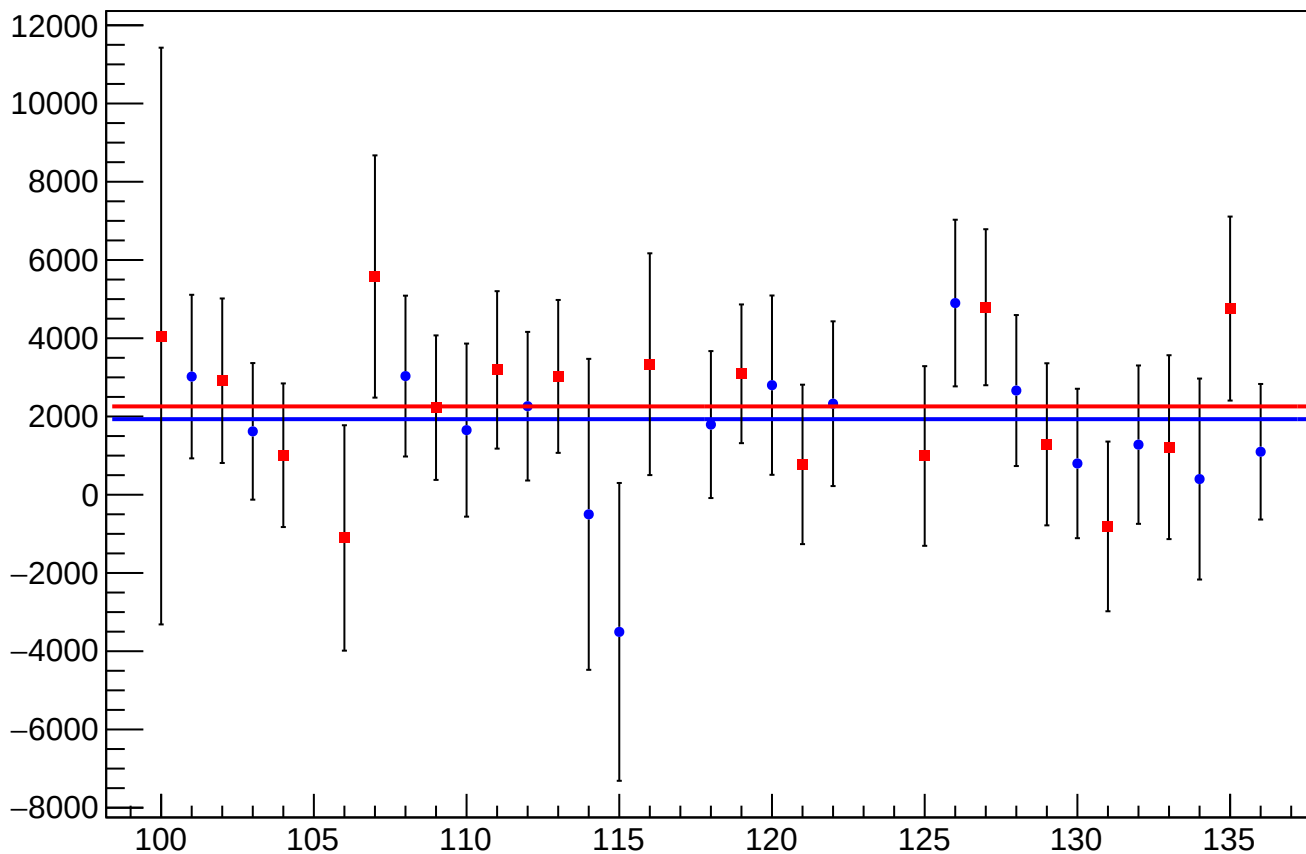
Right: 3340.197+/-0.641 χ^2/NDF : 1258361.8/32

In: 3379.110+/-0.916 χ^2/NDF : 755339.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3340.197+/-0.641 χ^2/NDF : 1258361.8/32

dit_asym_usl_atl2_avg_mean vs Slug, Sign Corrected



Right In: 1931.537+/-527.135 χ^2/NDF : 6.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2257.603+/-534.501 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

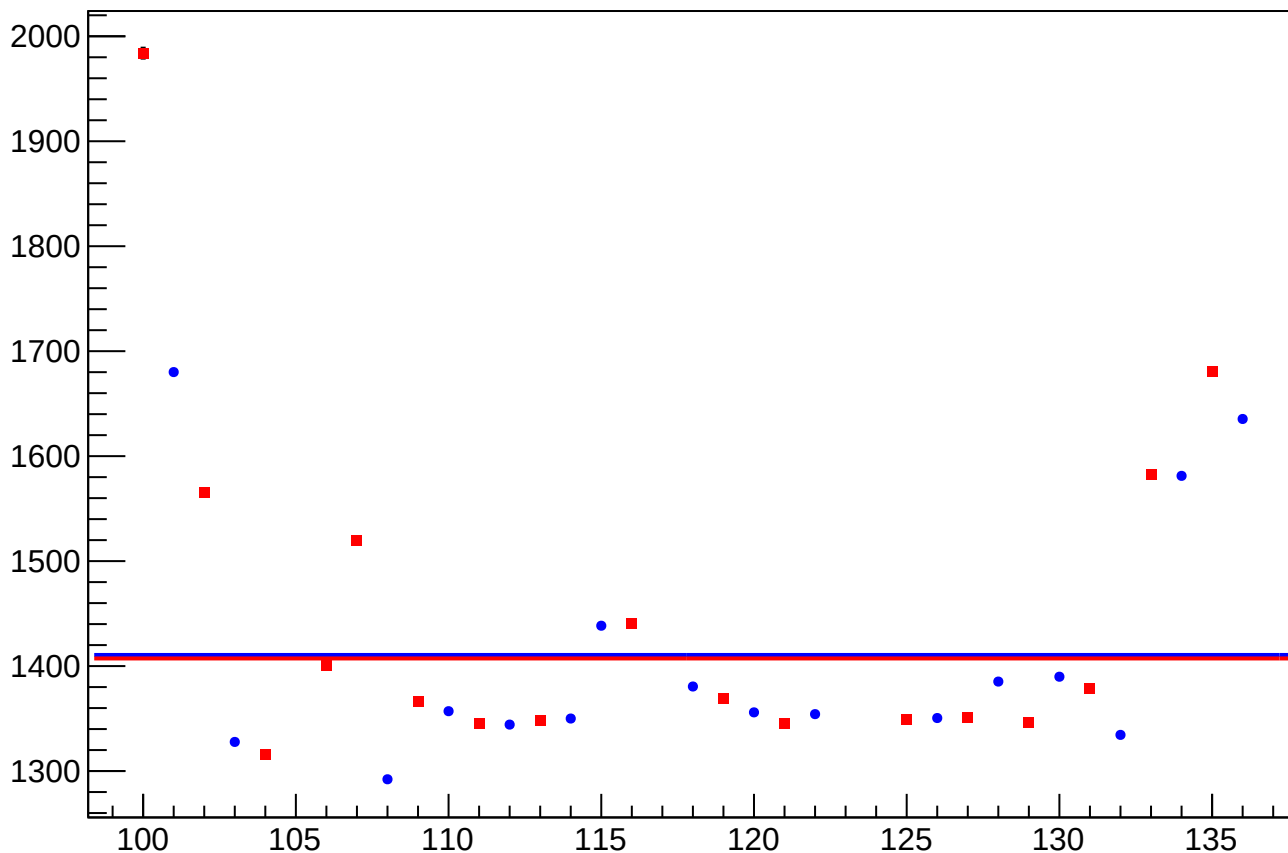
Right: 2092.308+/-375.318 χ^2/NDF : 16.4/32

In: 1931.537+/-527.135 χ^2/NDF : 6.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.308+/-375.318 χ^2/NDF : 16.4/32

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: 1407.258+/-0.377 χ^2/NDF : 82049.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

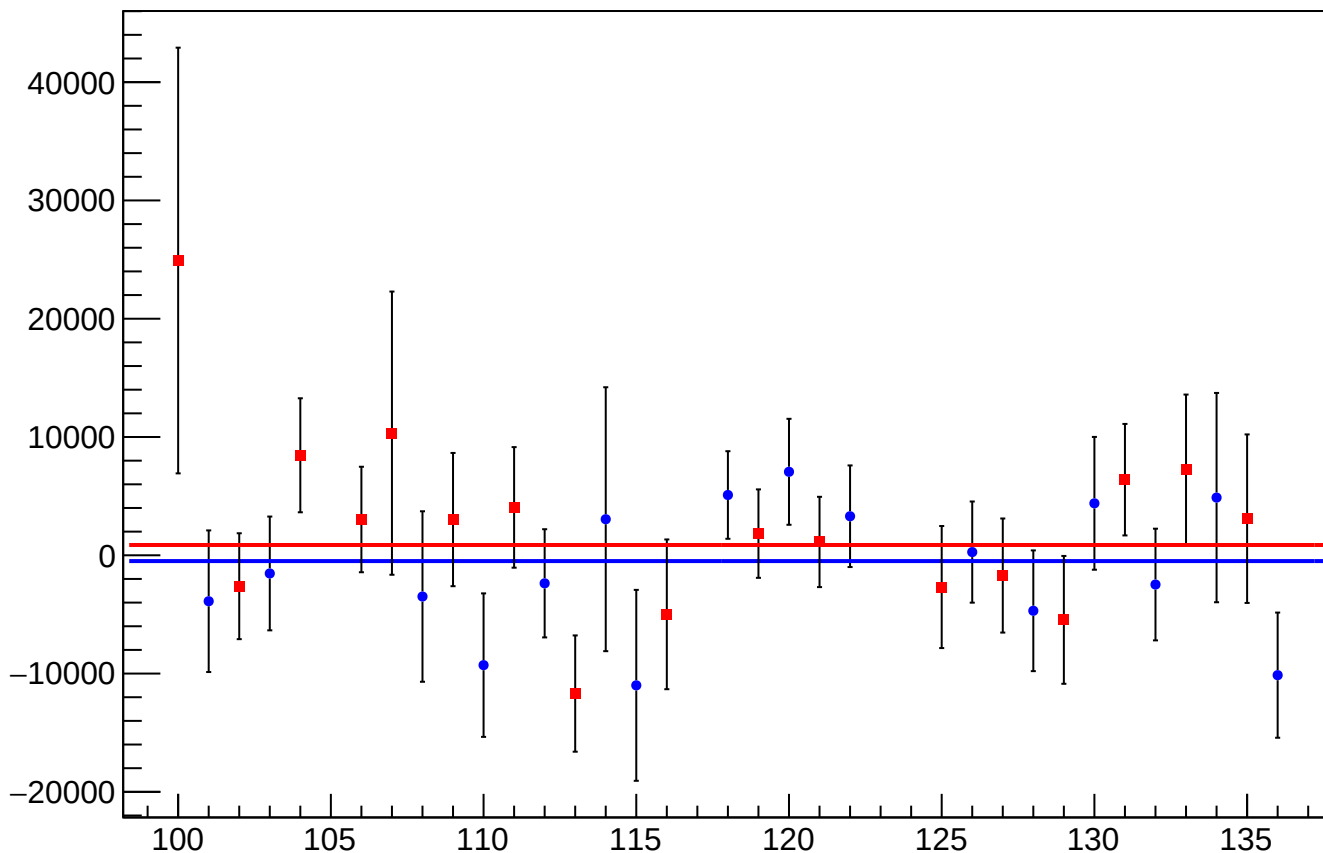
Right: 1408.945+/-0.265 χ^2/NDF : 181238.6/32

In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.945+/-0.265 χ^2/NDF : 181238.6/32

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: 870.518+/-1255.760 χ^2/NDF : 18.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

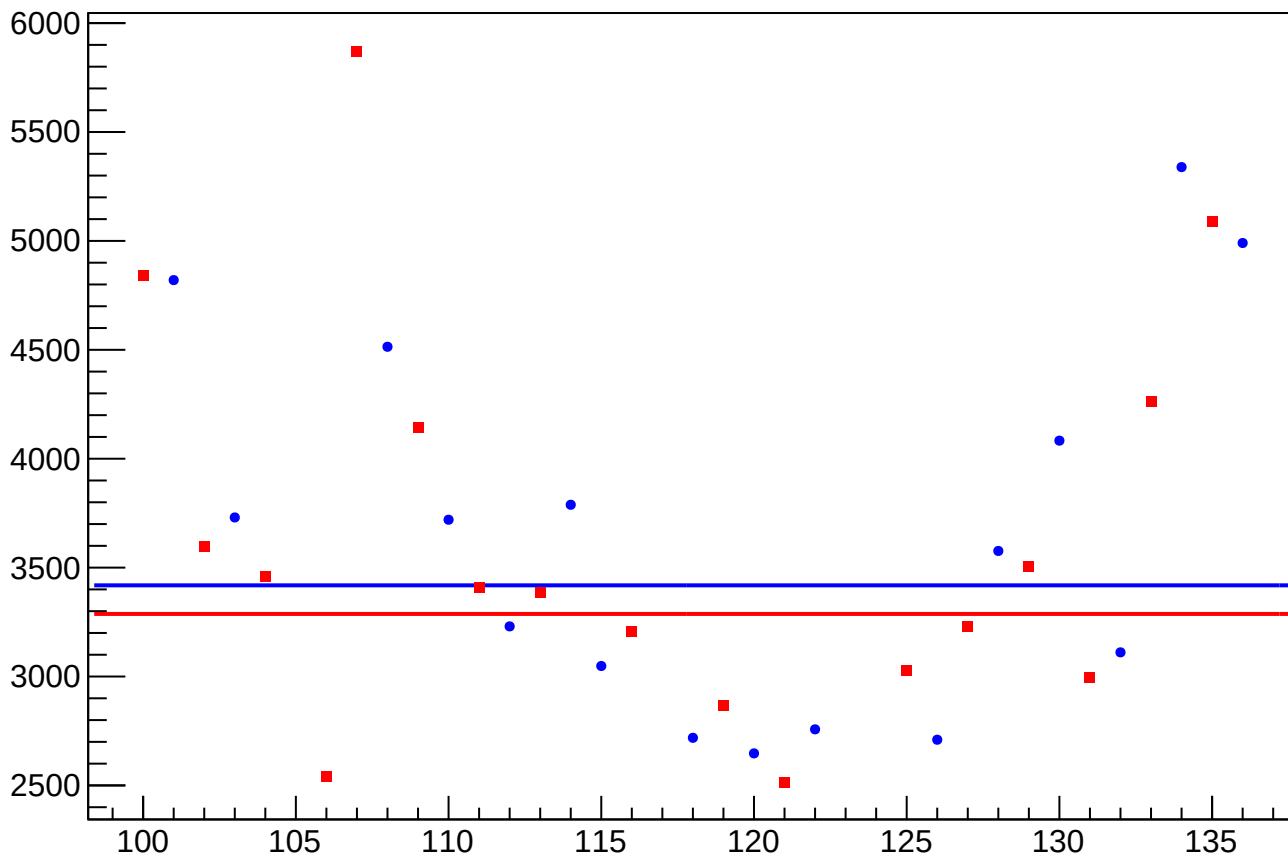
Right: 218.615+/-906.091 χ^2/NDF : 34.7/32

In: -489.402+/-1308.692 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.615+/-906.091 χ^2/NDF : 34.7/32

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: 3287.353+/-0.888 χ^2/NDF : 523530.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

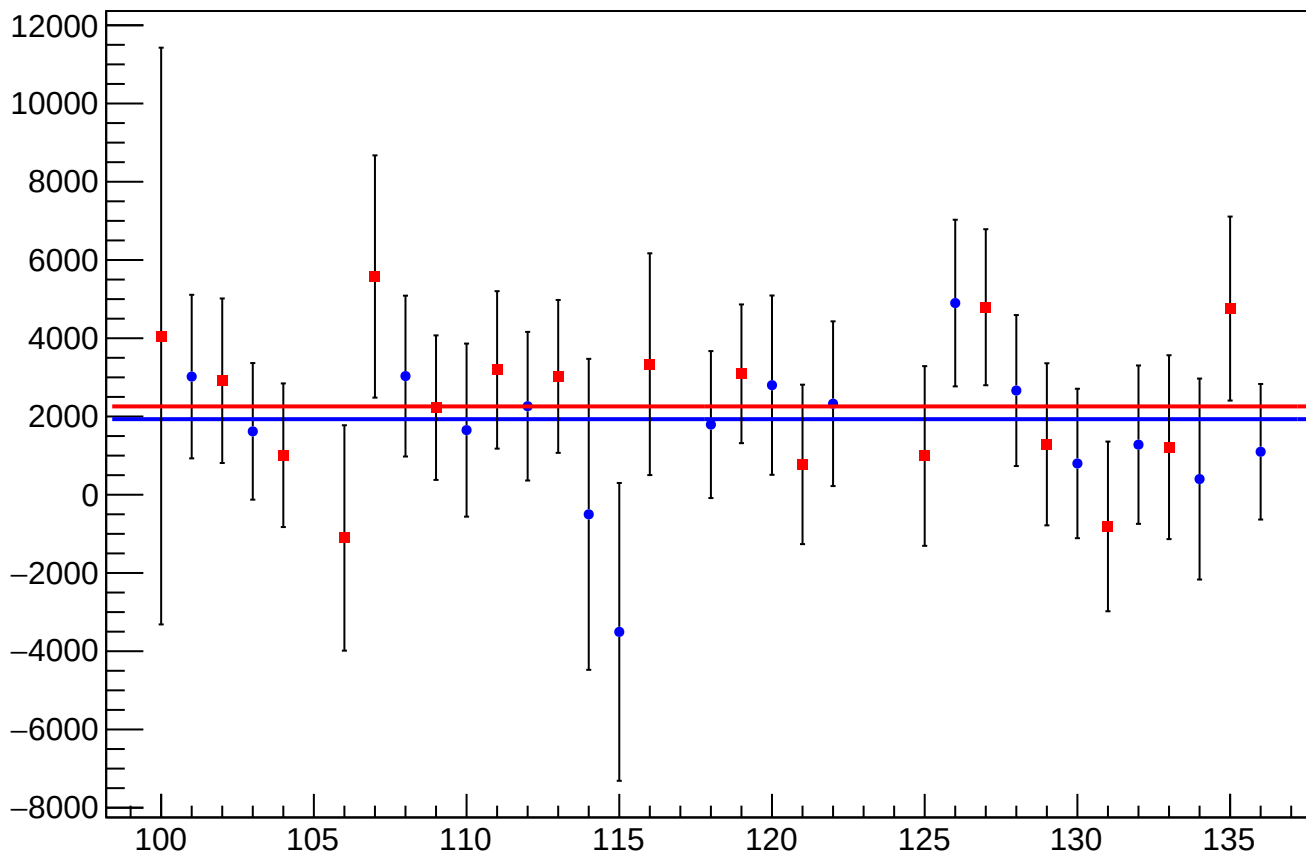
Right: 3350.317+/-0.641 χ^2/NDF : 1255234.6/32

In: 3418.701+/-0.925 χ^2/NDF : 721215.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3350.317+/-0.641 χ^2/NDF : 1255234.6/32

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: 2257.604+/-534.501 χ^2/NDF : 9.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

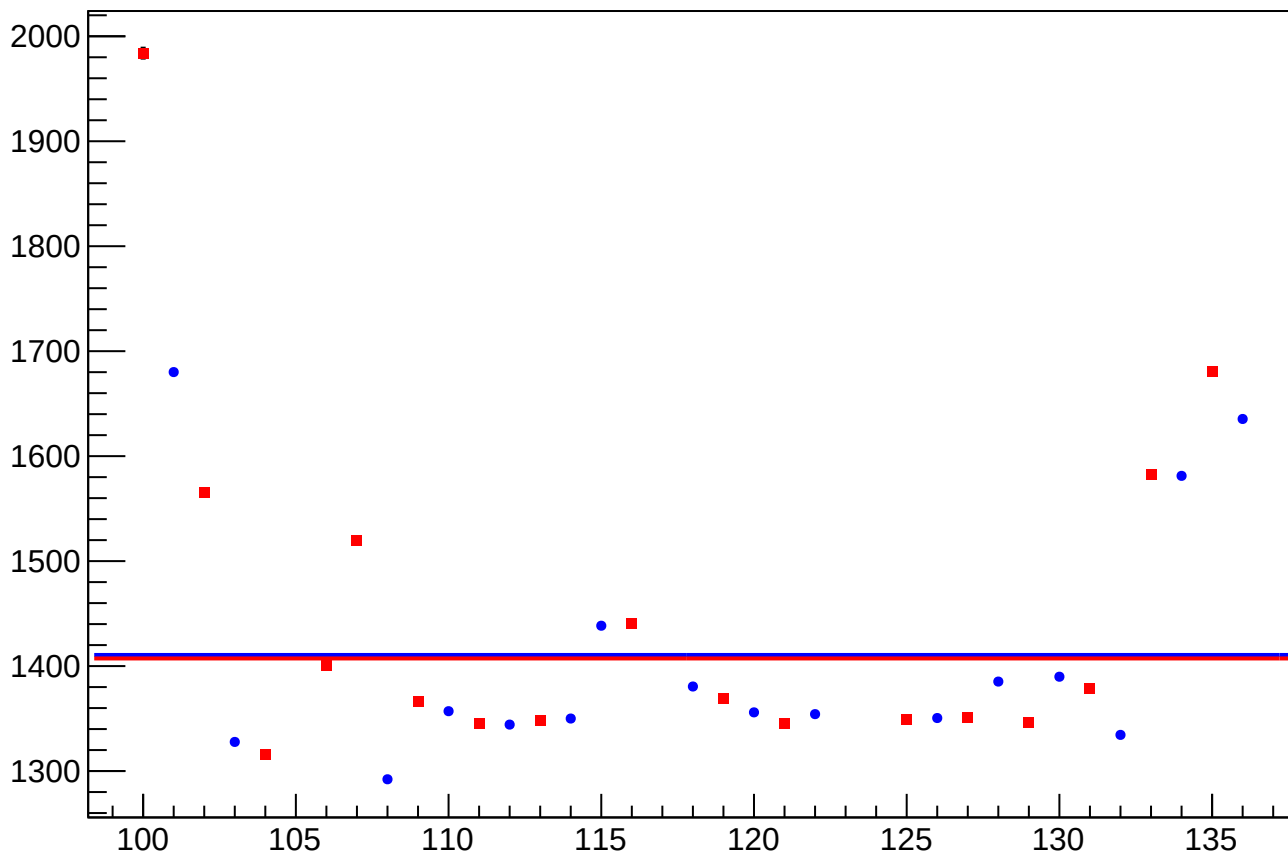
Right: 2092.309+/-375.318 χ^2/NDF : 16.4/32

In: 1931.538+/-527.135 χ^2/NDF : 6.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2092.309+/-375.318 χ^2/NDF : 16.4/32

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: 1407.258+/-0.377 χ^2/NDF : 82049.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

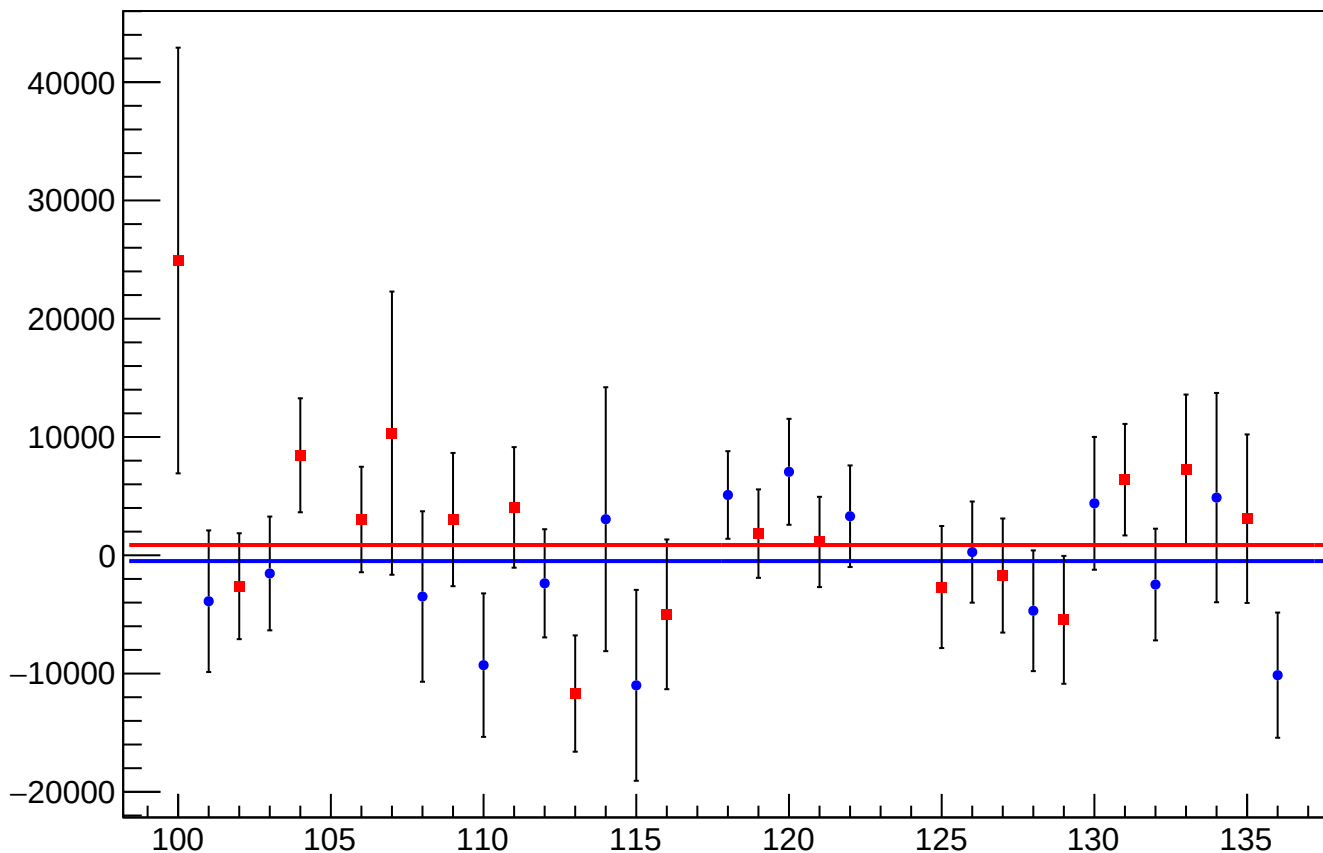
Right: 1408.945+/-0.265 χ^2/NDF : 181238.7/32

In: 1410.595+/-0.373 χ^2/NDF : 99150.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1408.945+/-0.265 χ^2/NDF : 181238.7/32

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: 870.520+/-1255.757 χ^2/NDF : 18.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

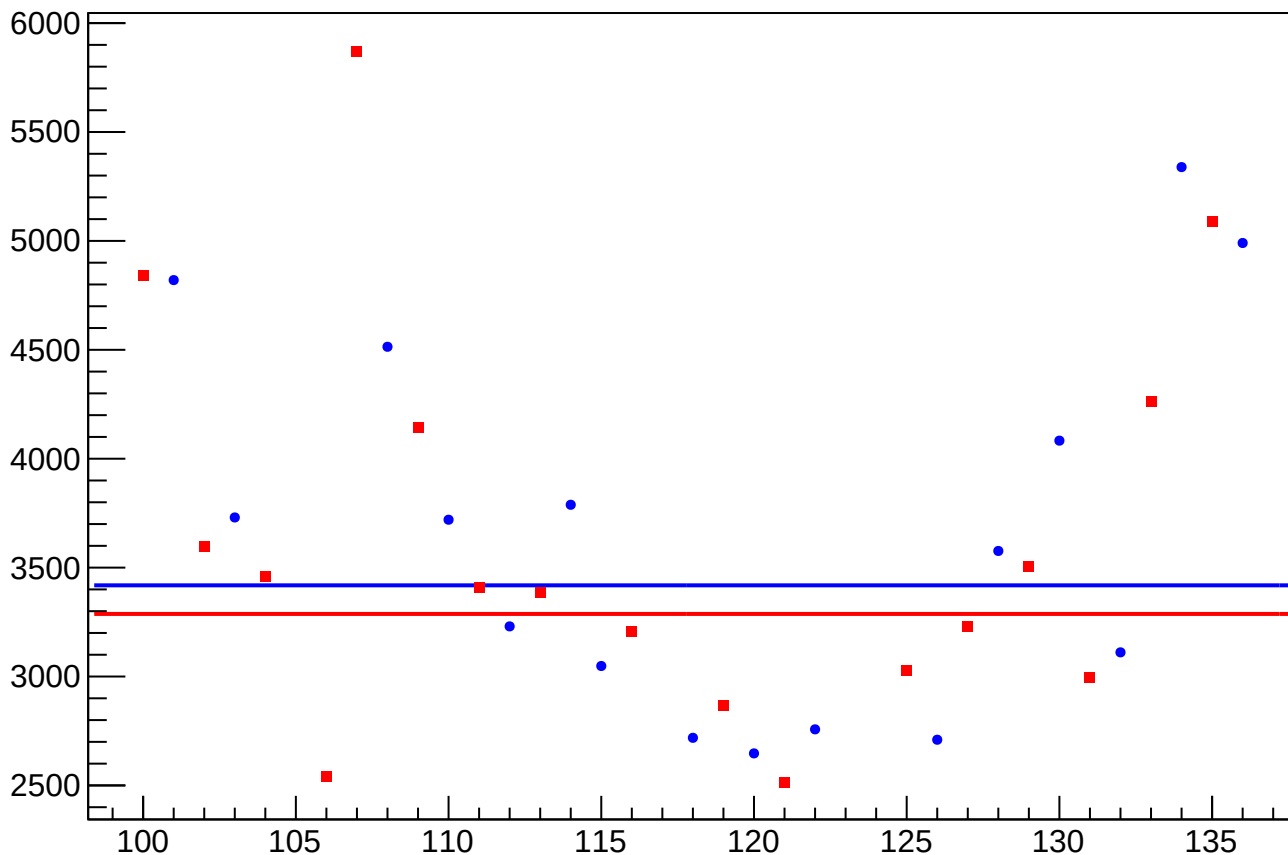
Right: 218.620+/-906.089 χ^2/NDF : 34.7/32

In: -489.395+/-1308.688 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.620+/-906.089 χ^2/NDF : 34.7/32

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: 3287.343+/-0.888 χ^2/NDF : 523533.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

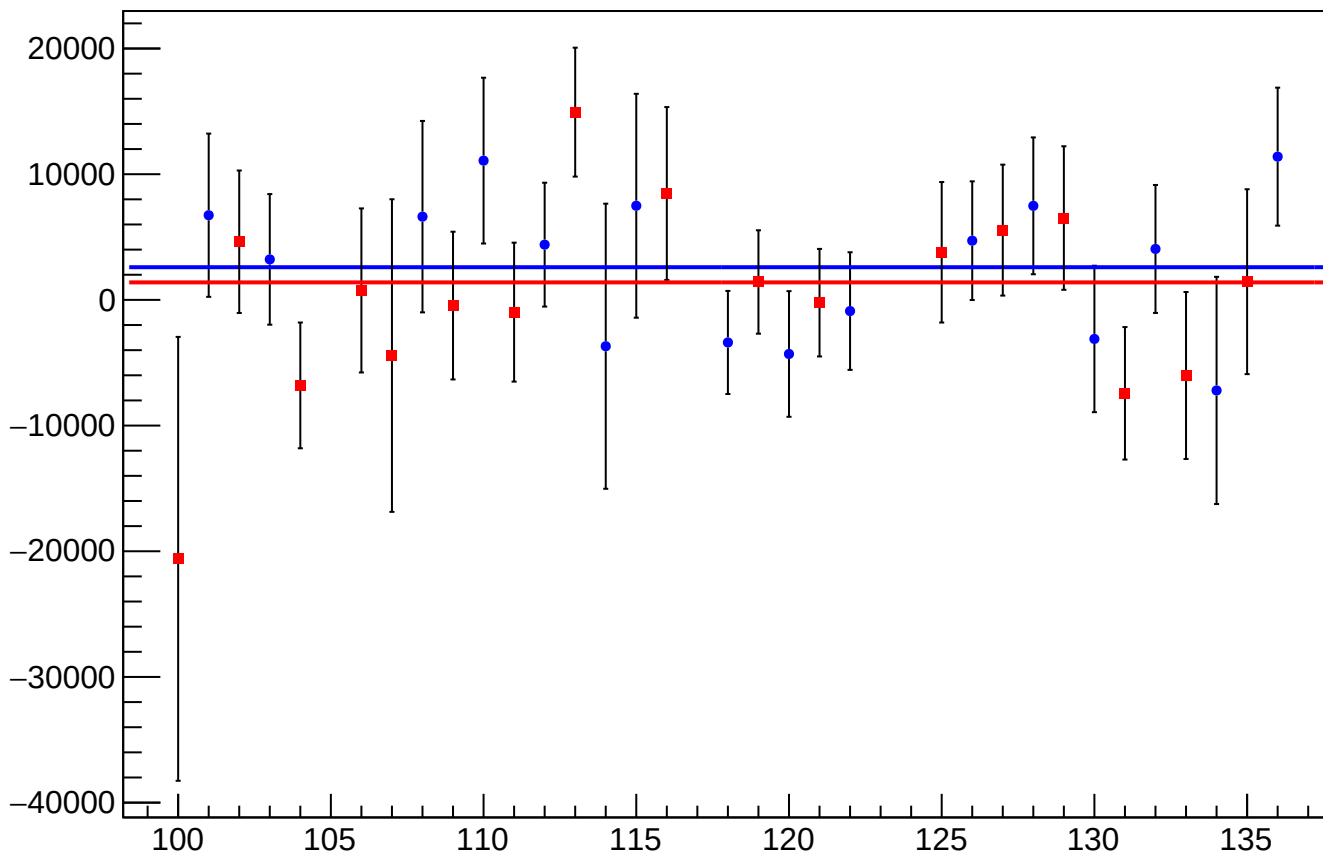
Right: 3350.306+/-0.641 χ^2/NDF : 1255246.1/32

In: 3418.690+/-0.925 χ^2/NDF : 721223.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3350.306+/-0.641 χ^2/NDF : 1255246.1/32

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: 1392.038+/-1392.781 χ^2/NDF : 18.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

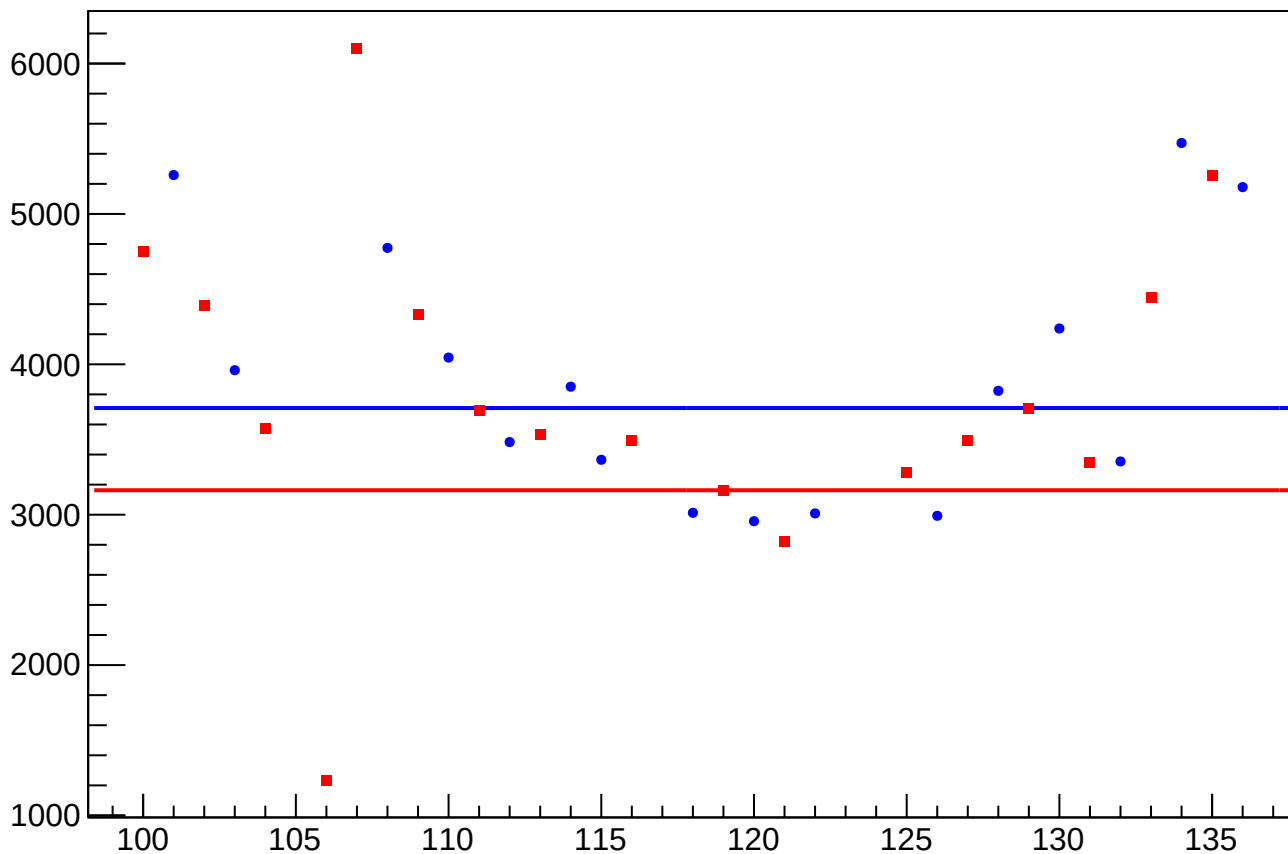
Right: 1986.489+/-992.434 χ^2/NDF : 32.8/32

In: 2599.622+/-1414.499 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1986.489+/-992.434 χ^2/NDF : 32.8/32

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: 3162.690+/-0.901 χ^2/NDF : 1548977.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

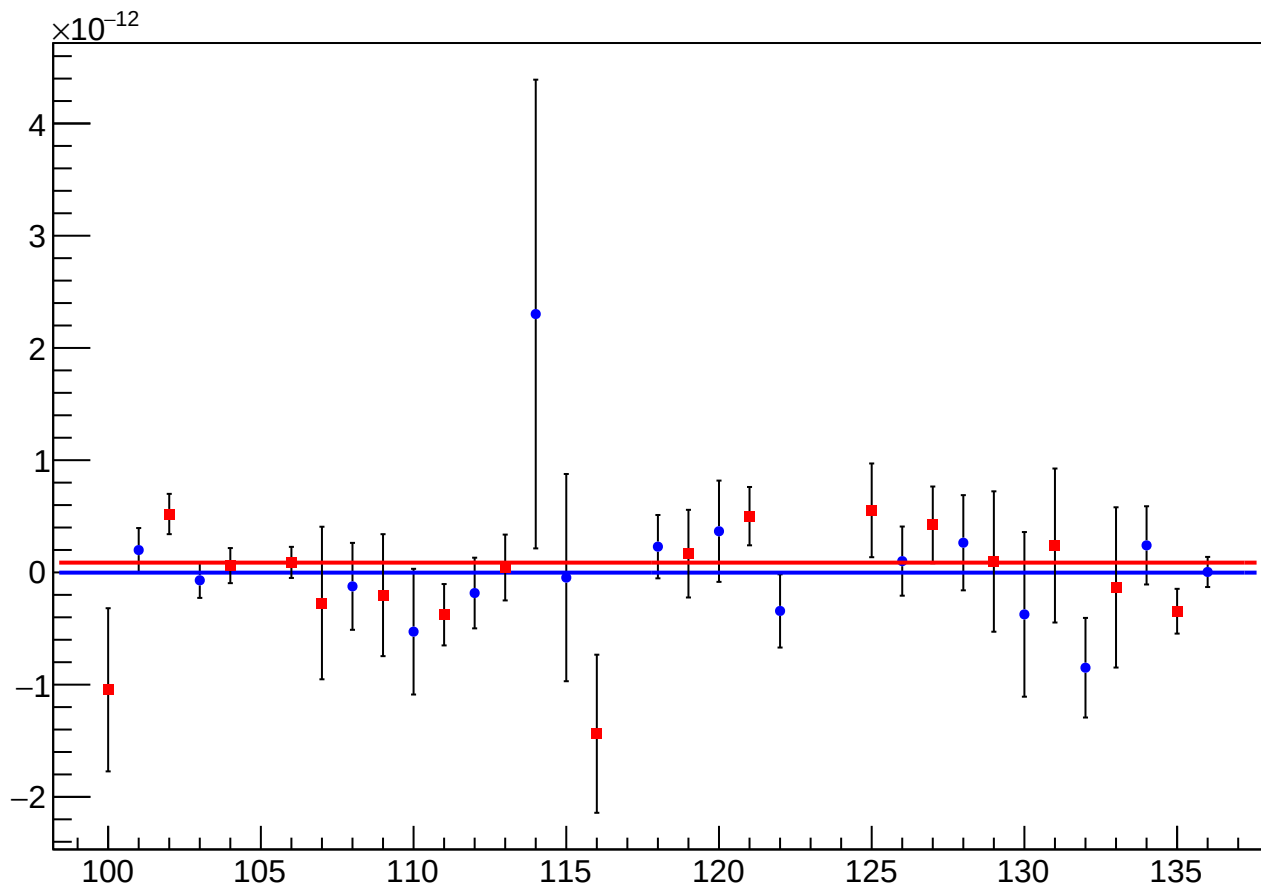
Right: 3407.478+/-0.669 χ^2/NDF : 2324404.4/32

In: 3709.155+/-1.000 χ^2/NDF : 610637.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3407.478+/-0.669 χ^2/NDF : 2324404.4/32

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 : 26.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

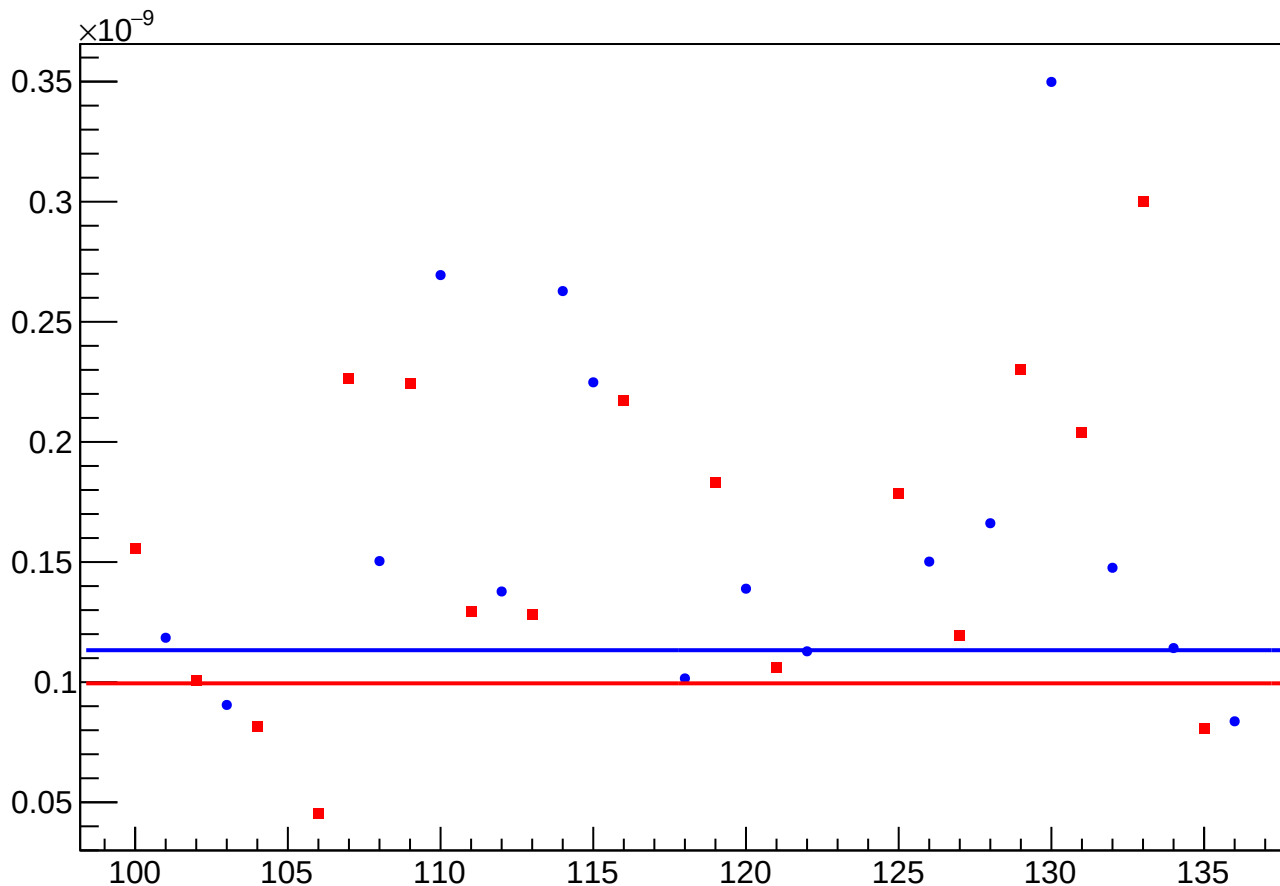
Right: 0.000+/-0.000 χ^2/NDF : 38.0/32

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 : 38.0/32

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 : 1099298.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

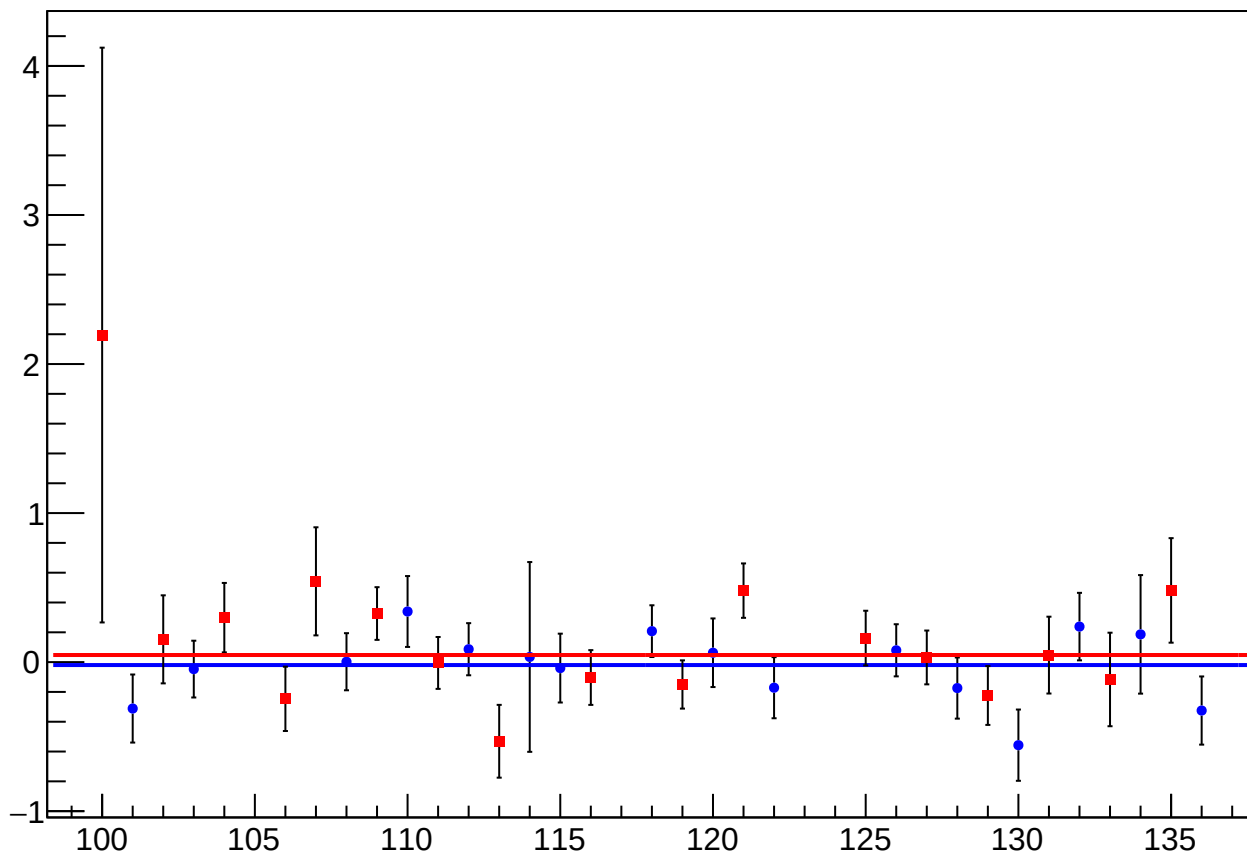
Right: 0.000+/-0.000 χ^2/NDF : 1795625.8/32

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 : 1795625.8/32

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 ± 0.053 χ^2/NDF : 26.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

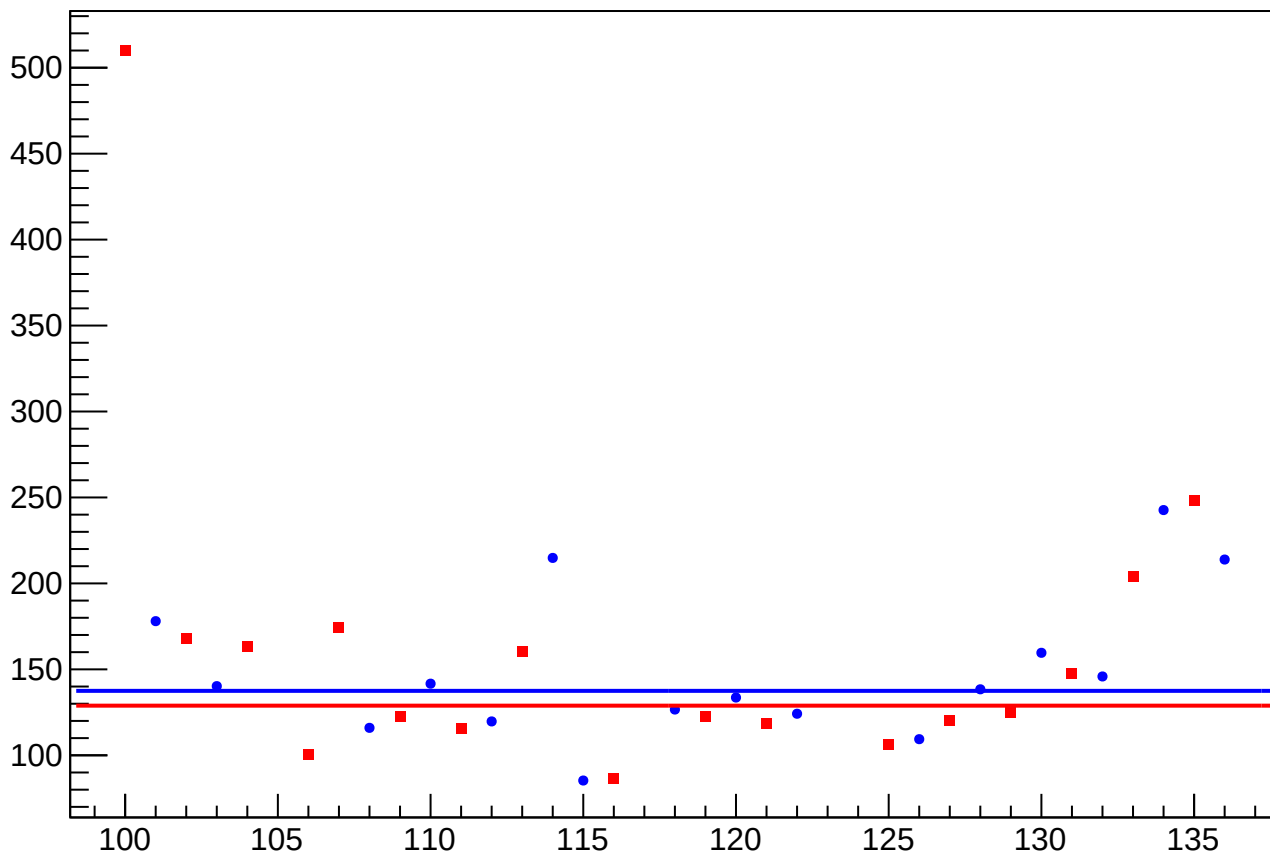
Right: 0.015 ± 0.038 χ^2/NDF : 43.1/32

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 : 43.1/32

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: 128.881 $\pm$ 0.037 χ^2 /NDF: 777346.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

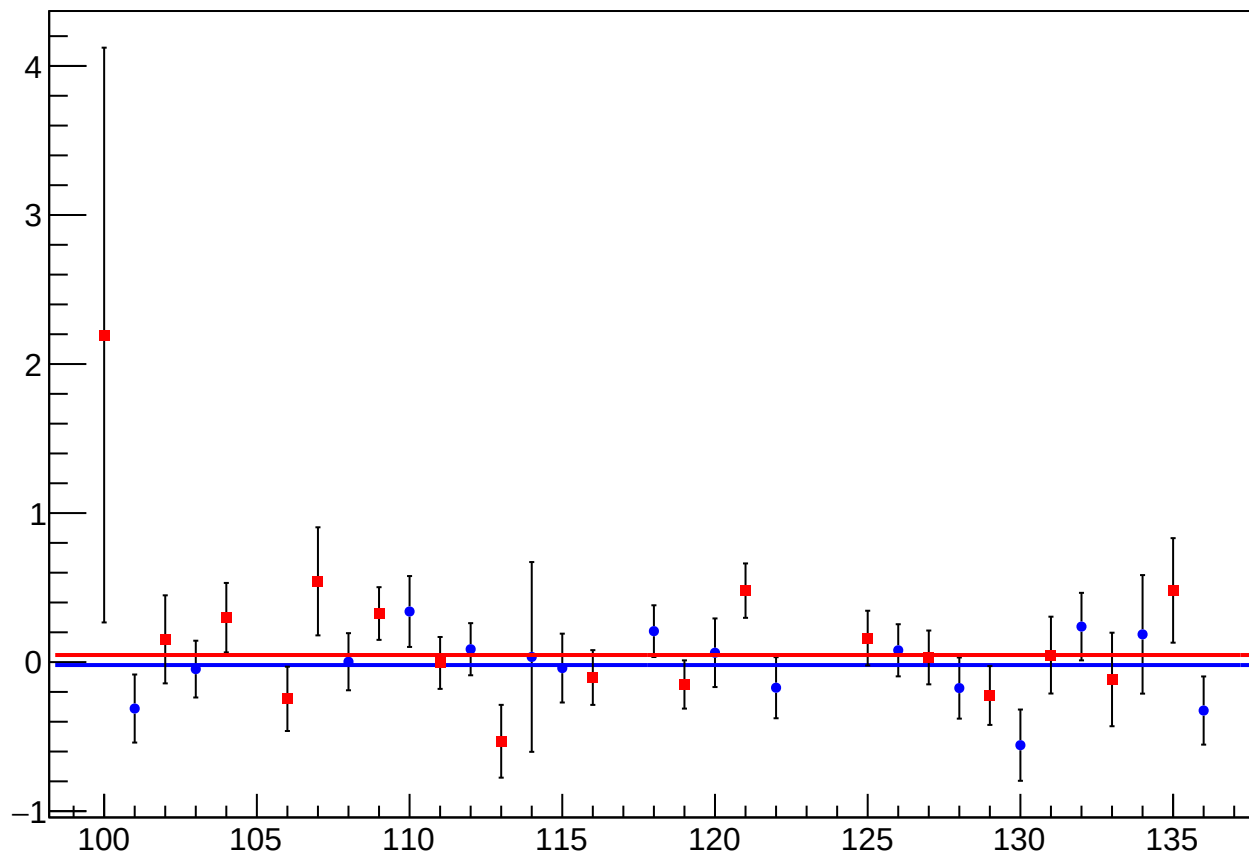
Right: 133.076 $\pm$ 0.027 χ^2 /NDF: 1496176.2/32

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: 133.076 $\pm$ 0.027 χ^2 /NDF: 1496176.2/32

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 ± 0.053 χ^2/NDF : 26.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

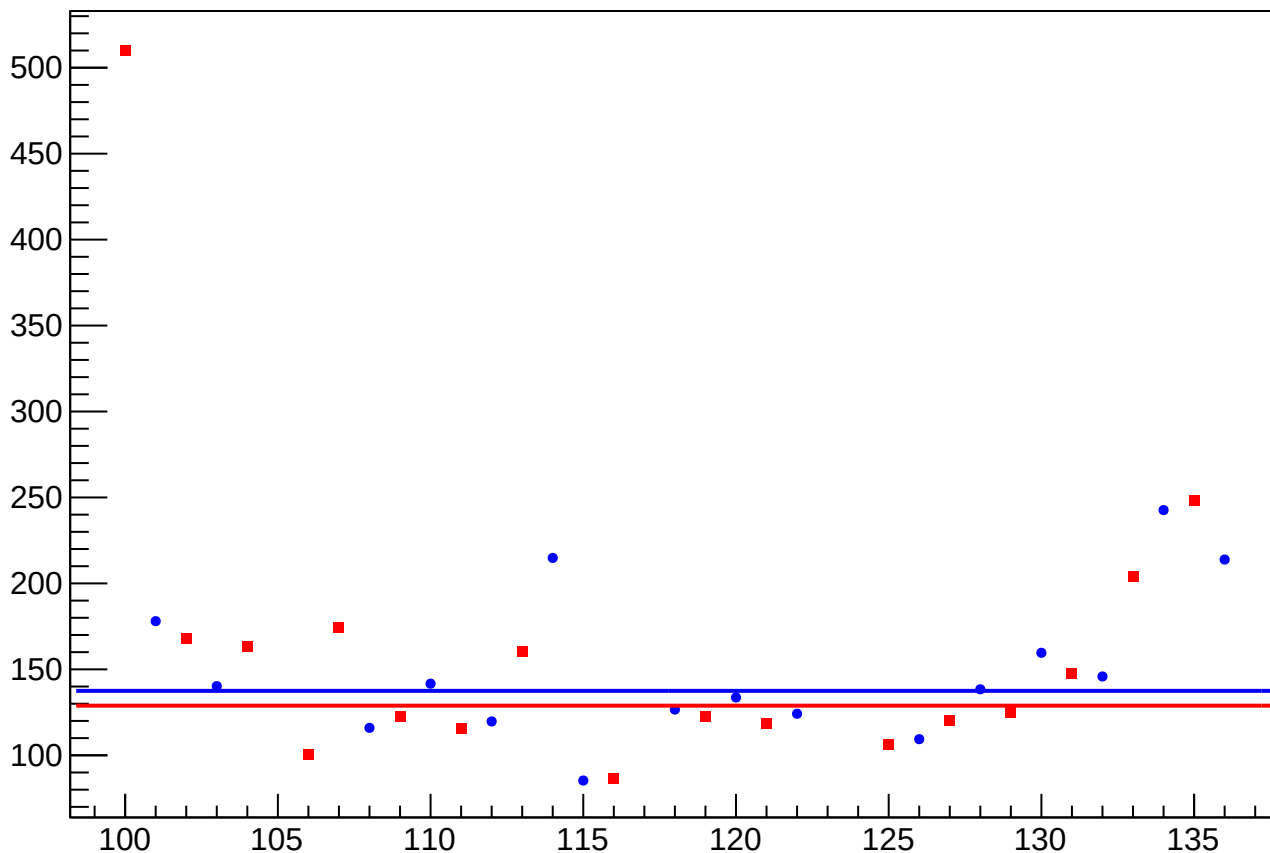
Right: 0.015 ± 0.038 χ^2/NDF : 43.1/32

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 : 43.1/32

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492+/-0.038 χ^2/NDF : 692947.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.881+/-0.037 χ^2/NDF : 777346.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

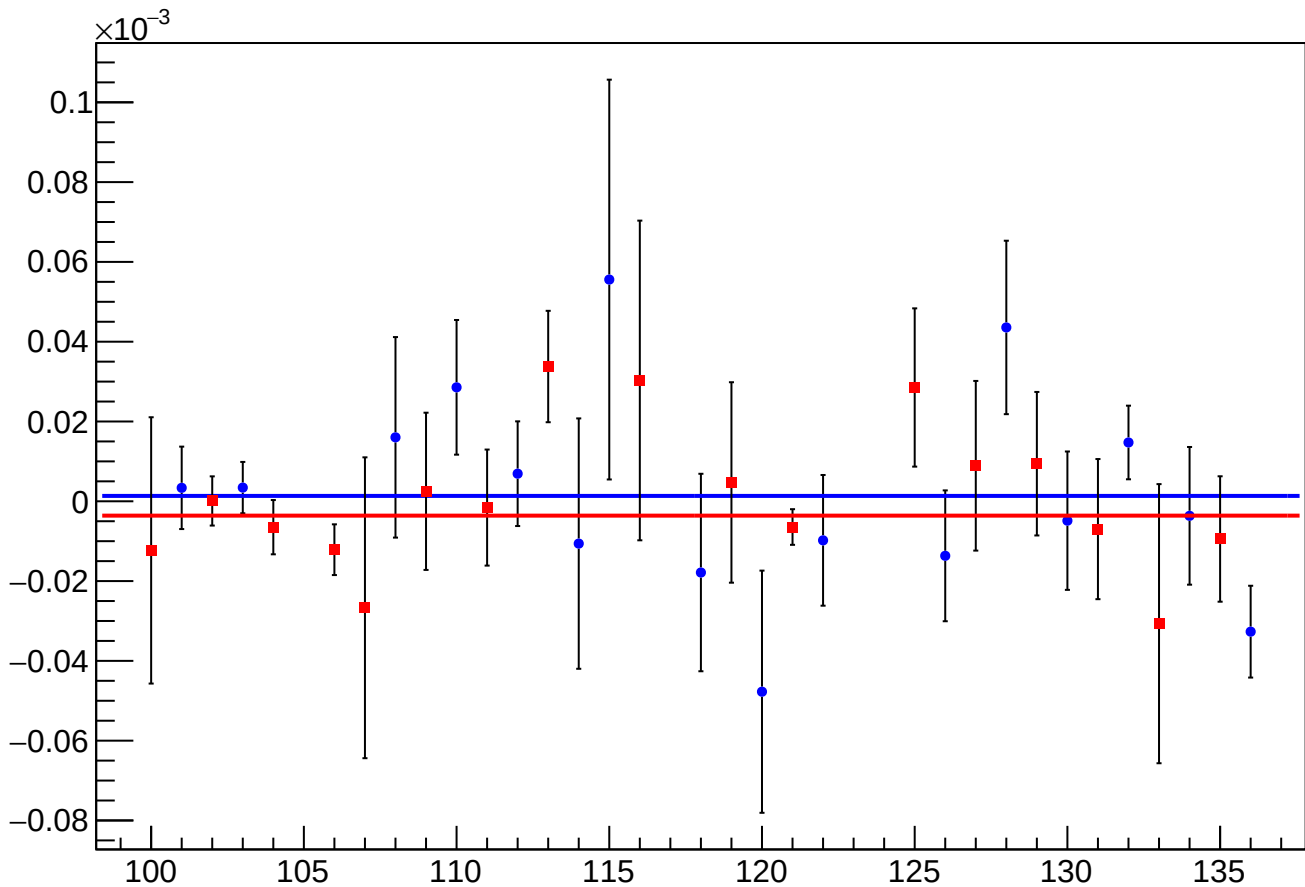
Right: 133.076+/-0.027 χ^2/NDF : 1496176.2/32

In: 137.492+/-0.038 χ^2/NDF : 692947.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.076+/-0.027 χ^2/NDF : 1496176.2/32

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 23.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

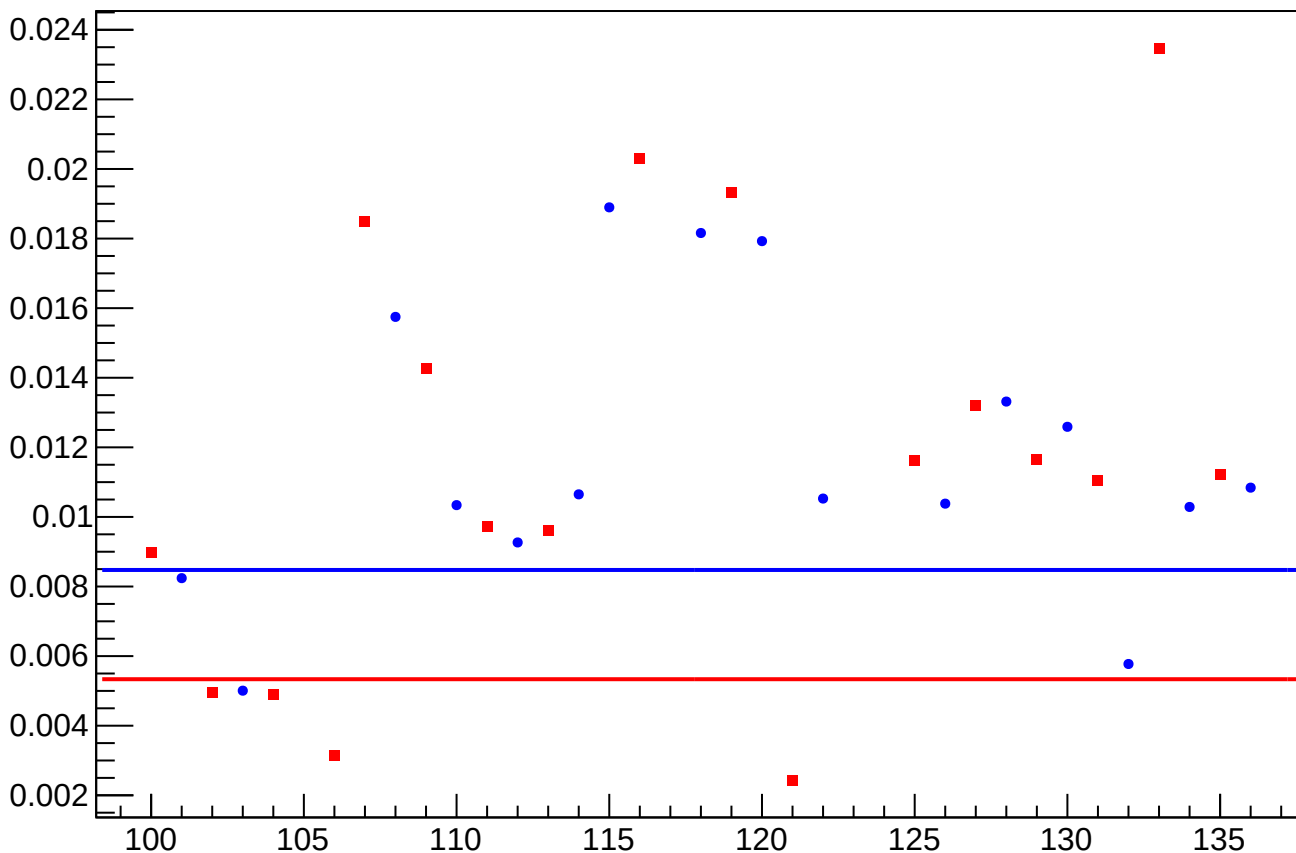
Right: -0.000+/-0.000 χ^2/NDF : 40.8/32

In: 0.000+/-0.000 χ^2/NDF : 23.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.8/32

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 : 4803580.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

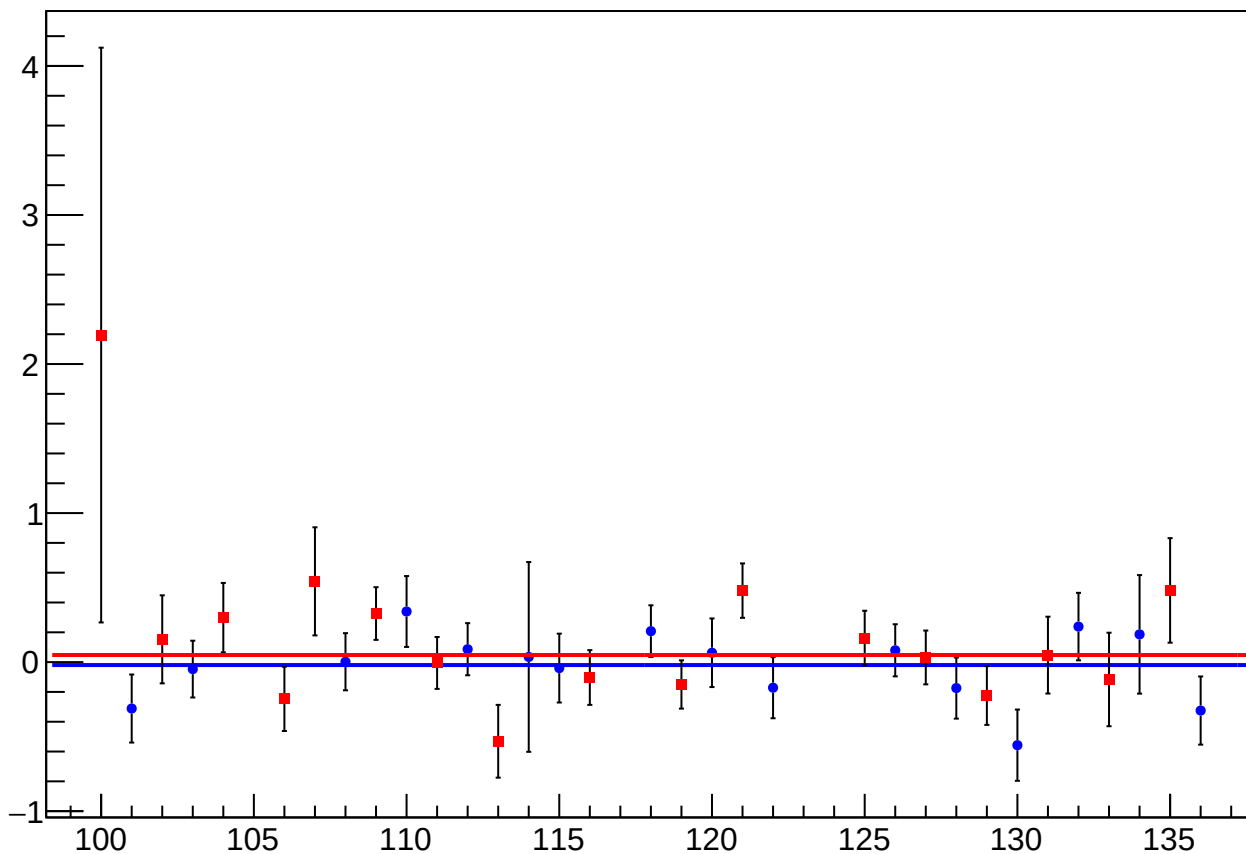
Right: 0.006+/-0.000 χ^2/NDF : 7804218.5/32

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 : 7804218.5/32

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 ± 0.053 χ^2/NDF : 26.3/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

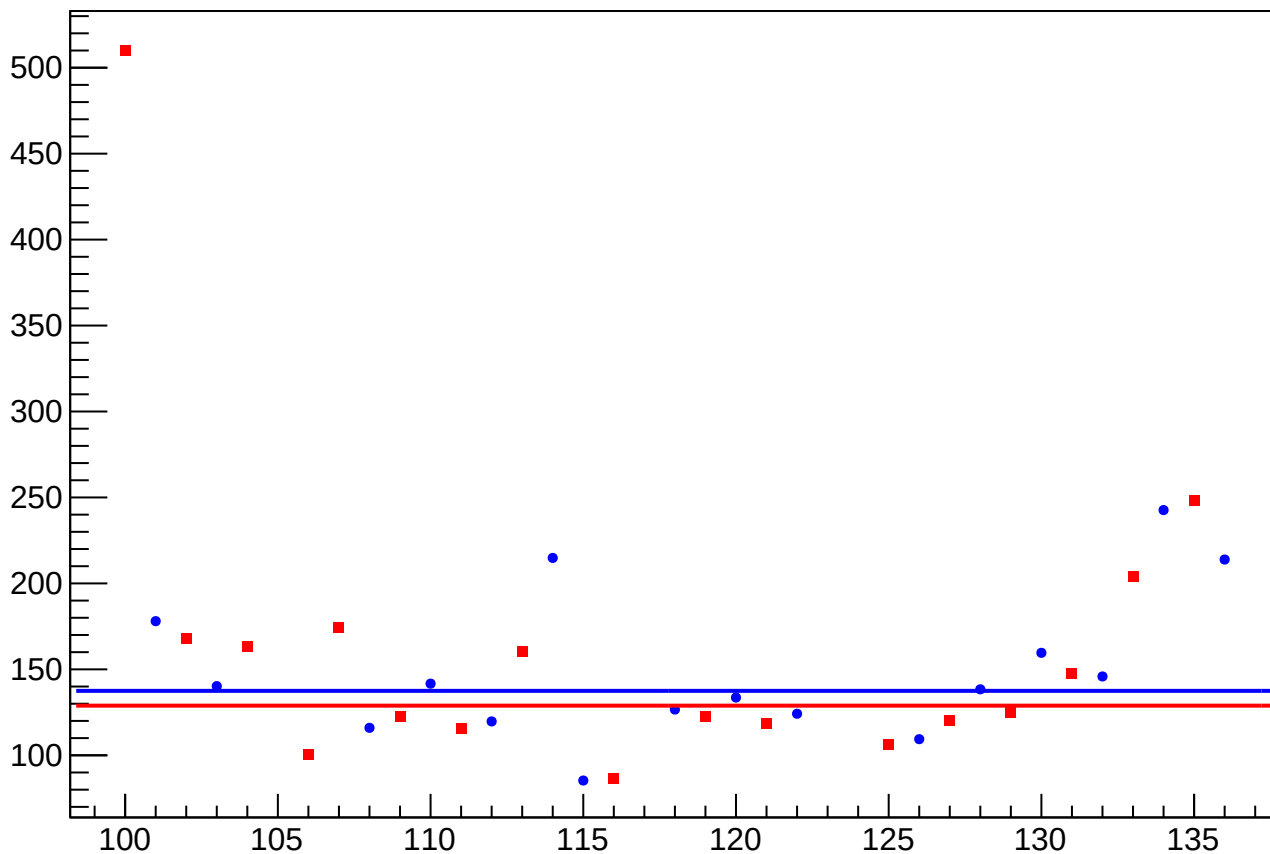
Right: 0.015 ± 0.038 χ^2/NDF : 43.1/32

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 : 43.1/32

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: 128.881 $\pm$ 0.037 χ^2 /NDF: 777297.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

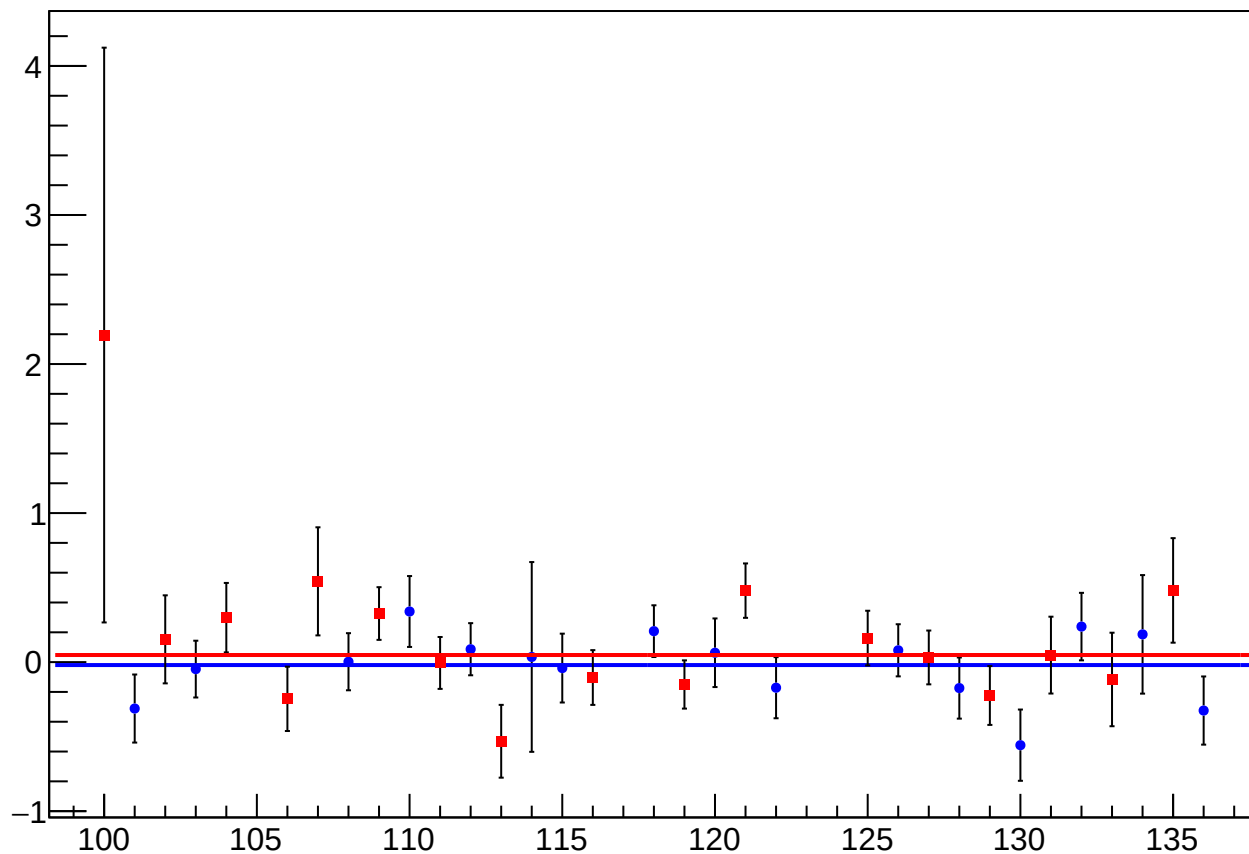
Right: 133.076 $\pm$ 0.027 χ^2 /NDF: 1496101.1/32

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: 133.076 $\pm$ 0.027 χ^2 /NDF: 1496101.1/32

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+/-0.053 χ^2/NDF : 26.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

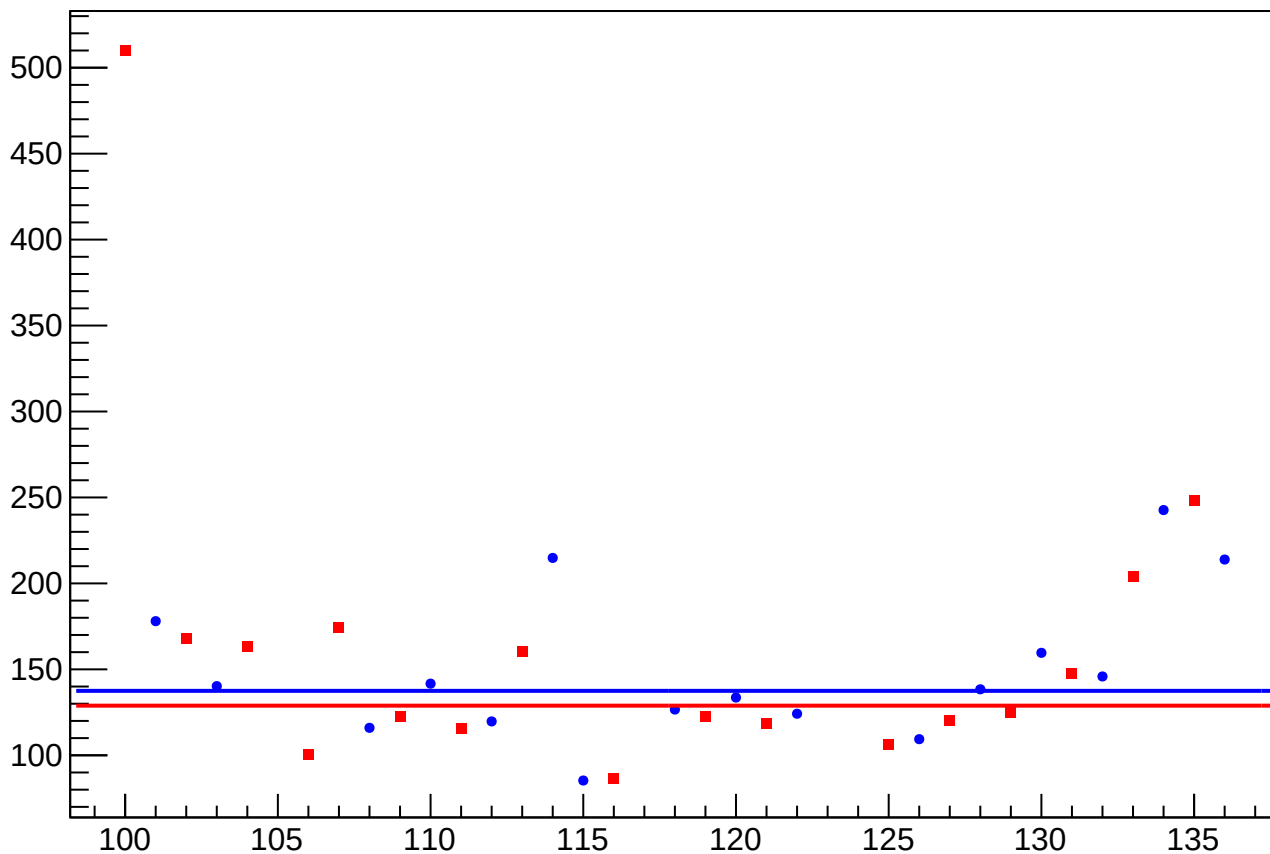
Right: 0.015+/-0.038 χ^2/NDF : 43.1/32

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 : 43.1/32

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 137.492+/-0.038 χ^2/NDF : 692923.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.881+/-0.037 χ^2/NDF : 777297.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

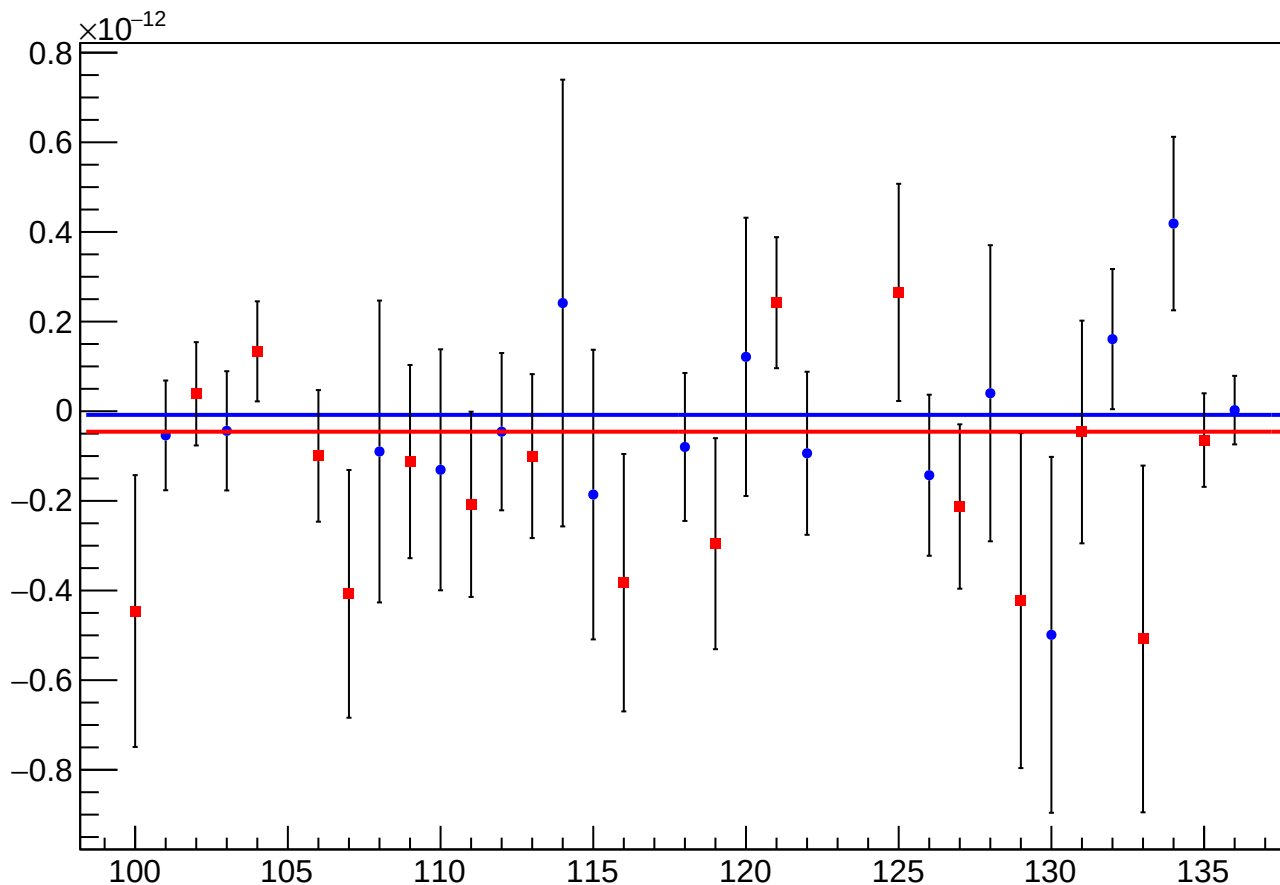
Right: 133.076+/-0.027 χ^2/NDF : 1496101.1/32

In: 137.492+/-0.038 χ^2/NDF : 692923.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 133.076+/-0.027 χ^2/NDF : 1496101.1/32

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 : 18.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

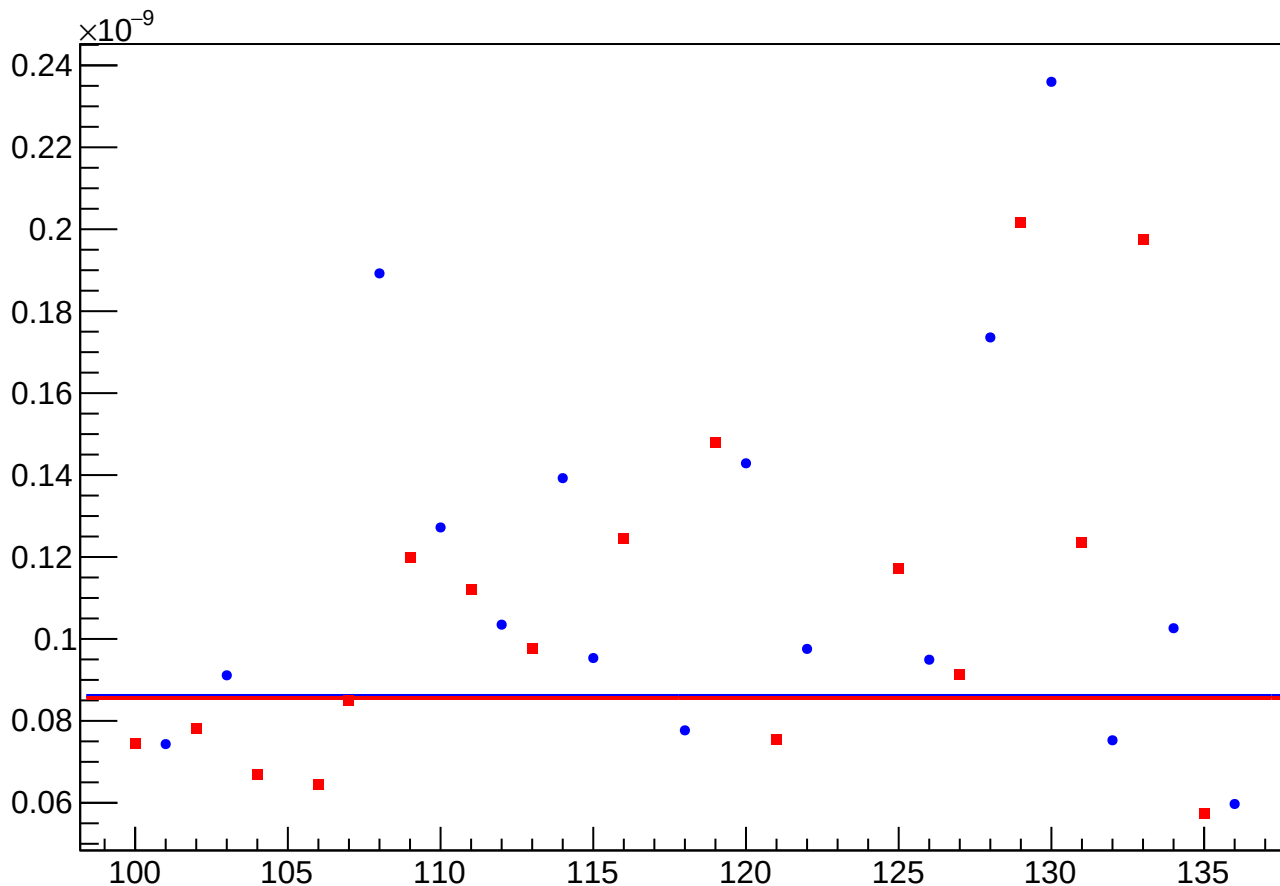
Right: -0.000+/-0.000 χ^2/NDF : 29.1/32

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 : 29.1/32

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 : 976023.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

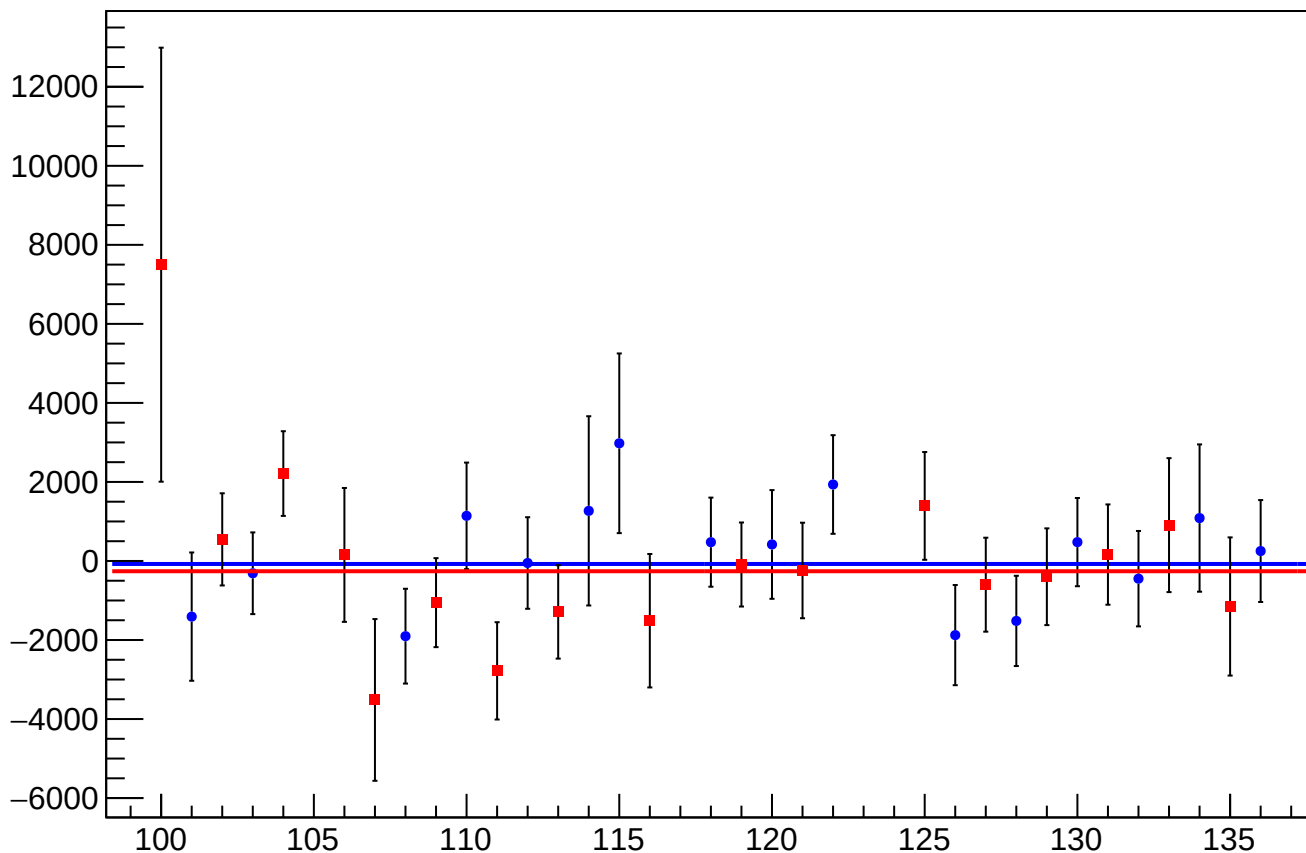
Right: 0.000+/-0.000 χ^2/NDF : 2048228.7/32

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 : 2048228.7/32

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: -259.987 ± 324.117 χ^2/NDF : 18.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

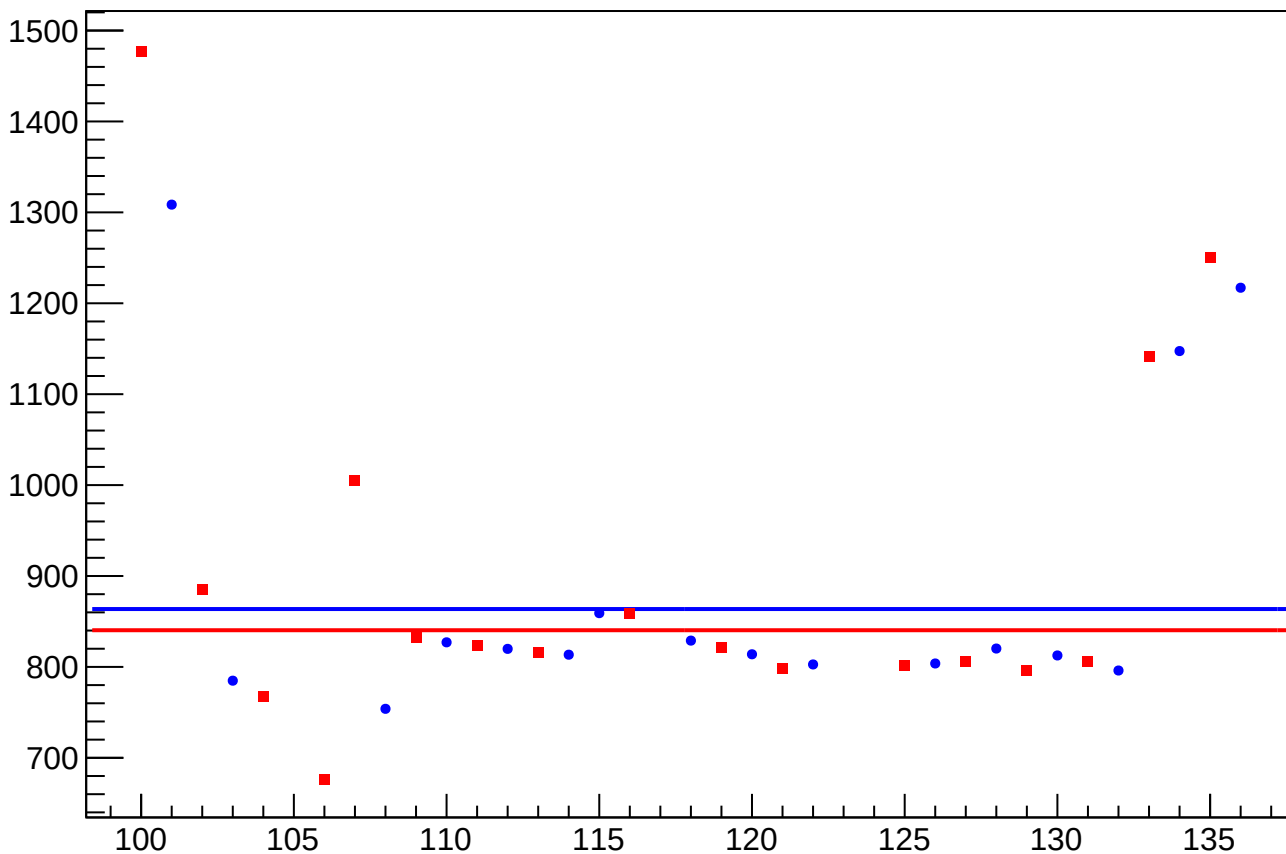
Right: -168.562 ± 229.927 χ^2/NDF : 32.3/32

In: -75.944 ± 326.226 χ^2/NDF : 13.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -168.562 ± 229.927 χ^2/NDF : 32.3/32

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: 840.354+/-0.226 χ^2/NDF : 268973.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

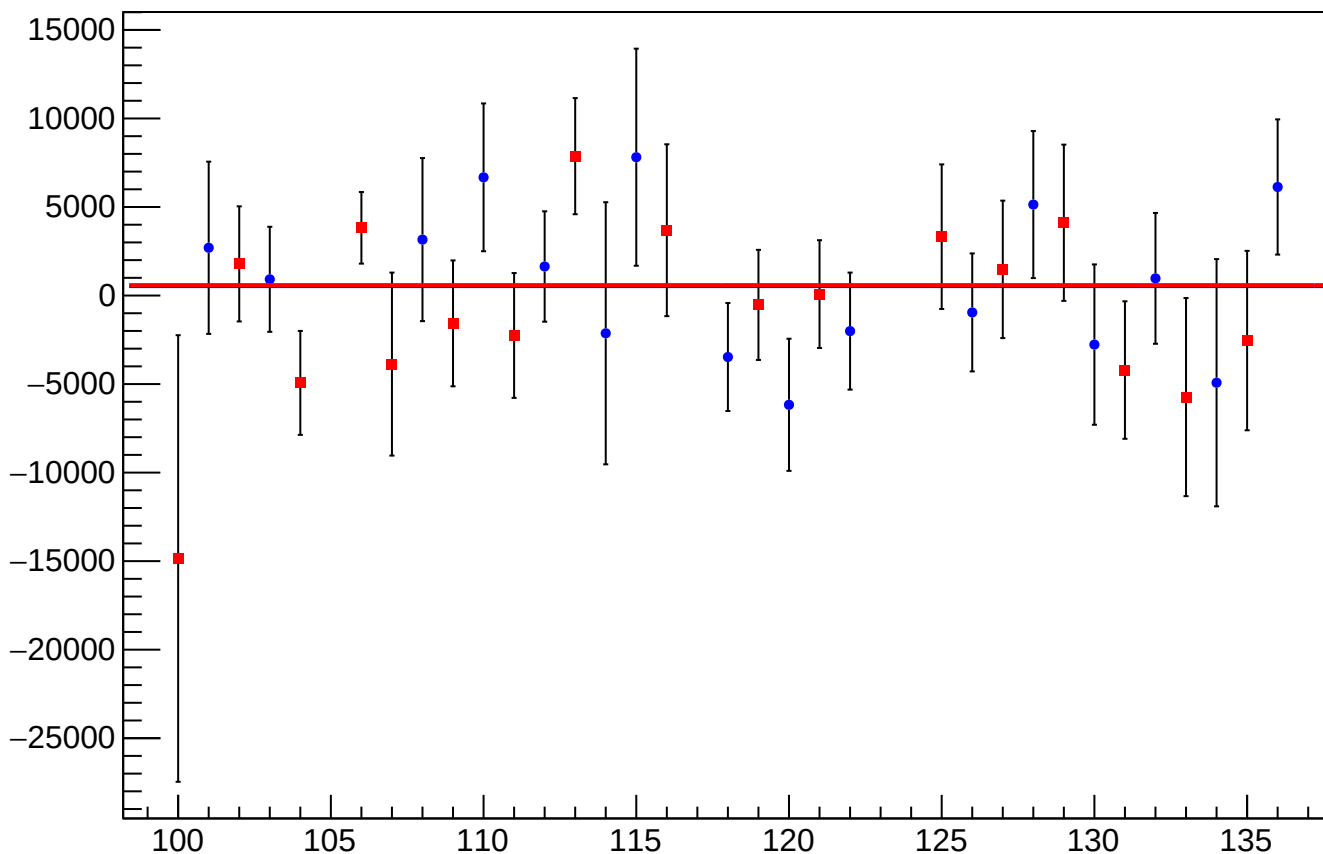
Right: 851.785+/-0.162 χ^2/NDF : 681674.1/32

In: 863.661+/-0.231 χ^2/NDF : 407498.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 851.785+/-0.162 χ^2/NDF : 681674.1/32

asym_usl_atl2_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 534.507+/-981.290 χ^2/NDF : 14.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 588.928+/-870.199 χ^2/NDF : 19.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

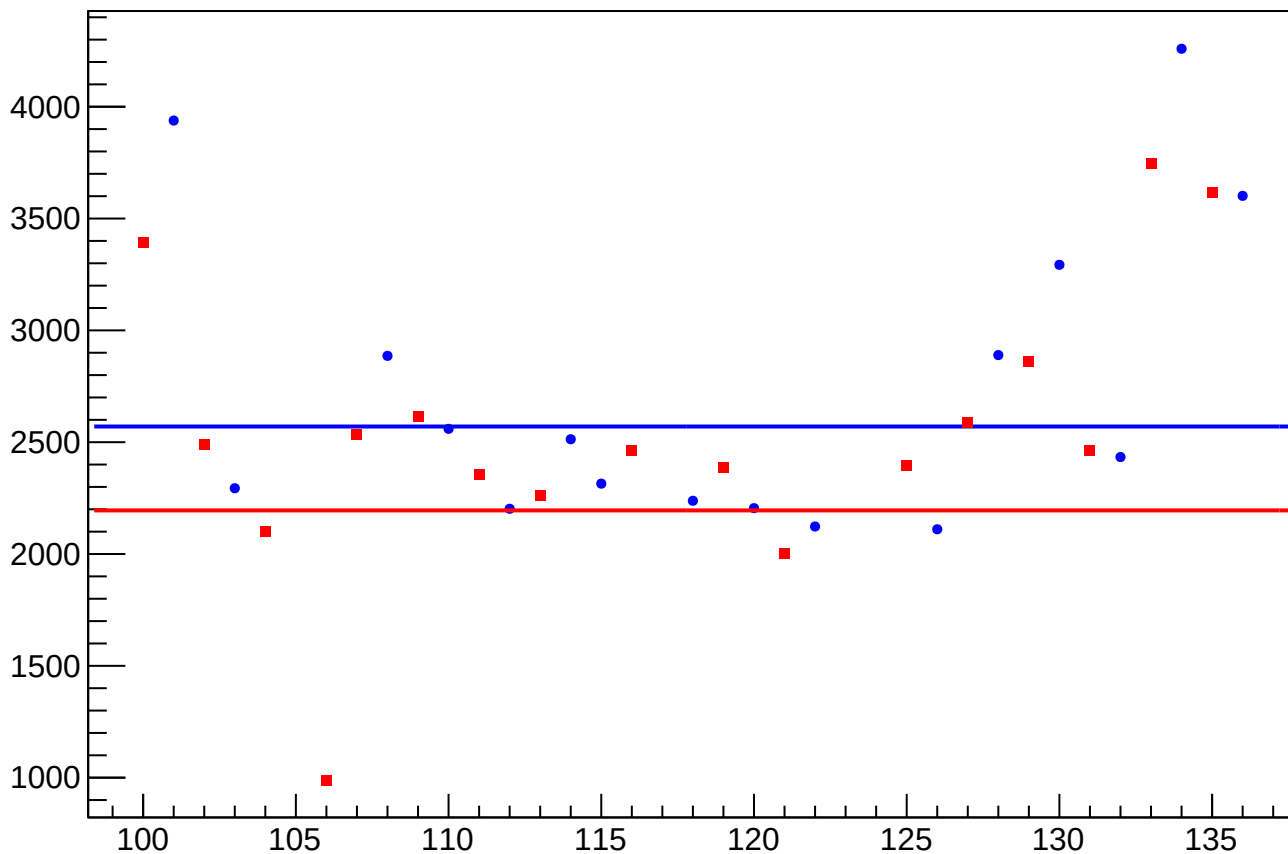
Right: 564.971+/-651.073 χ^2/NDF : 34.0/32

In: 534.507+/-981.290 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.971+/-651.073 χ^2/NDF : 34.0/32

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: 2194.972+/-0.615 χ^2/NDF : 1205533.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

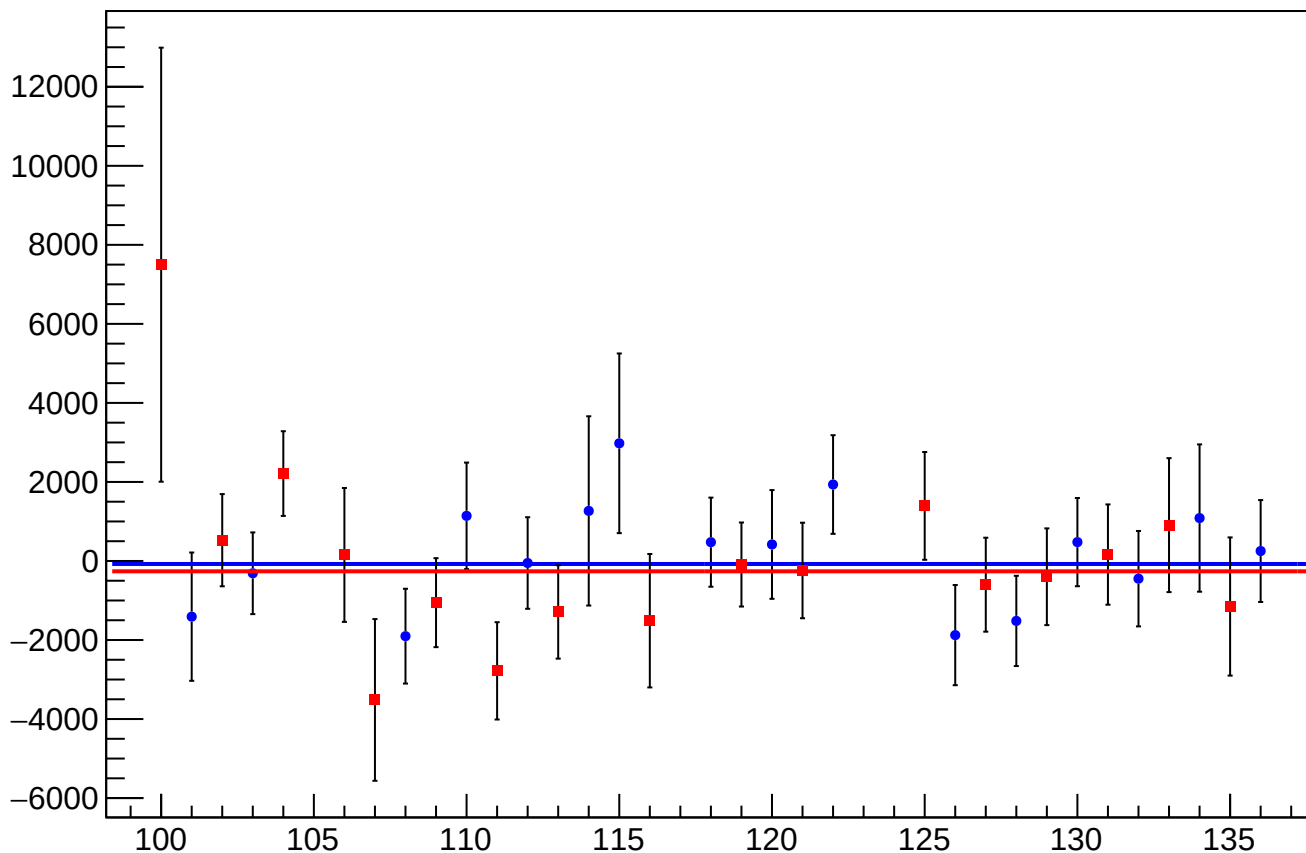
Right: 2360.124+/-0.460 χ^2/NDF : 2031654.1/32

In: 2570.135+/-0.694 χ^2/NDF : 662477.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2360.124+/-0.460 χ^2/NDF : 2031654.1/32

cor_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -76.022 ± 326.226 $\chi^2/\text{NDF}: 13.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -261.647 ± 324.122 $\chi^2/\text{NDF}: 18.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

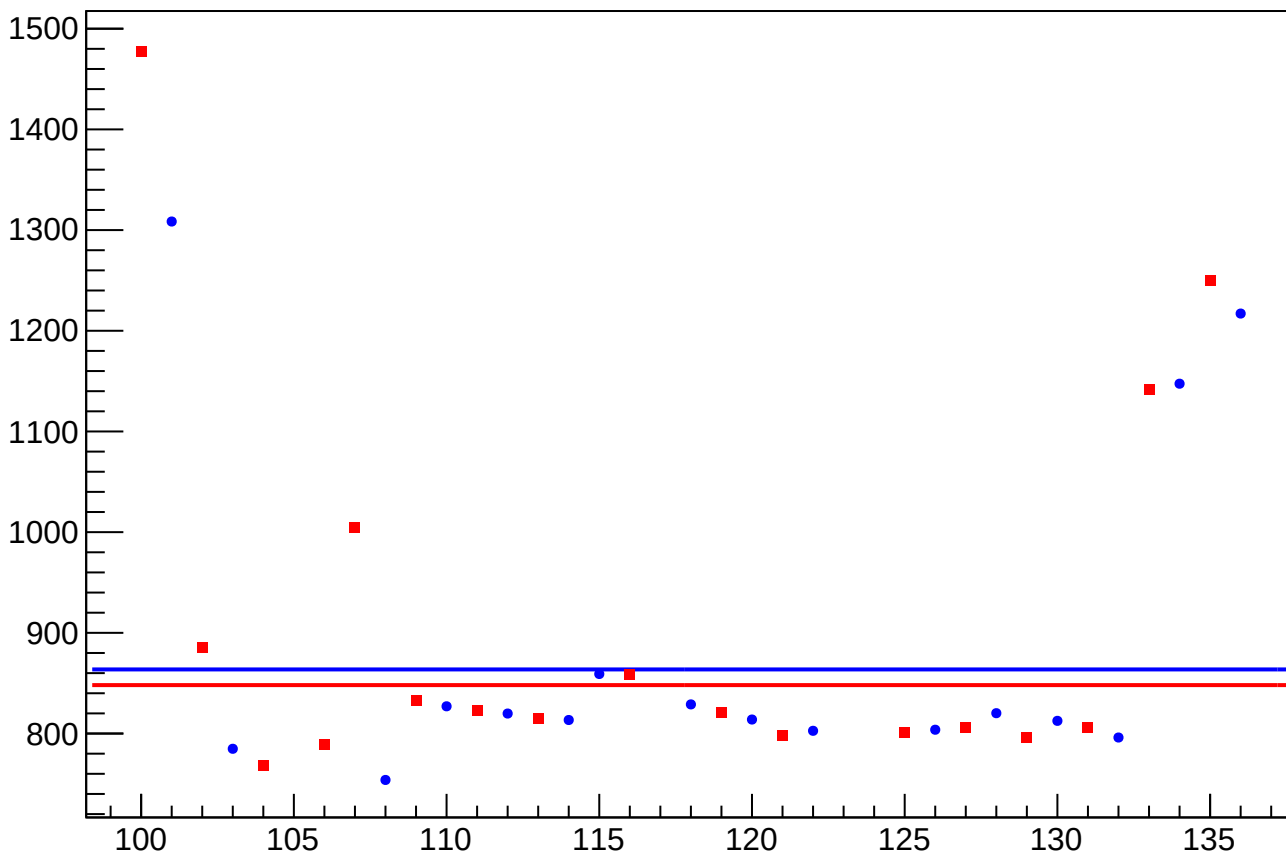
Right: -169.435 ± 229.929 $\chi^2/\text{NDF}: 32.3/32$

In: -76.022 ± 326.226 $\chi^2/\text{NDF}: 13.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -169.435 ± 229.929 $\chi^2/\text{NDF}: 32.3/32$

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: 848.096+/-0.228 χ^2/NDF : 238126.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

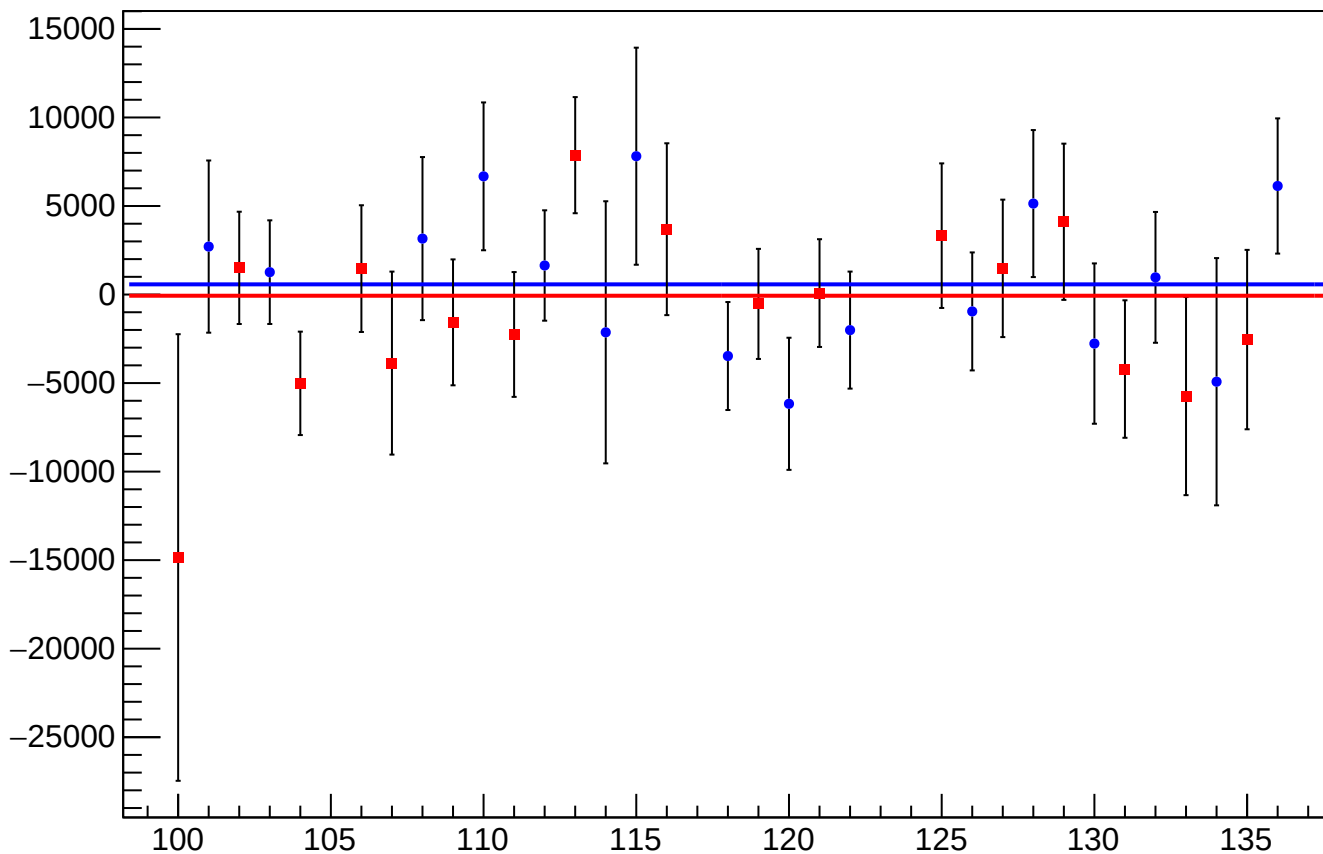
Right: 855.787+/-0.162 χ^2/NDF : 647928.7/32

In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.787+/-0.162 χ^2/NDF : 647928.7/32

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: -67.785+/-928.457 χ^2/NDF : 16.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

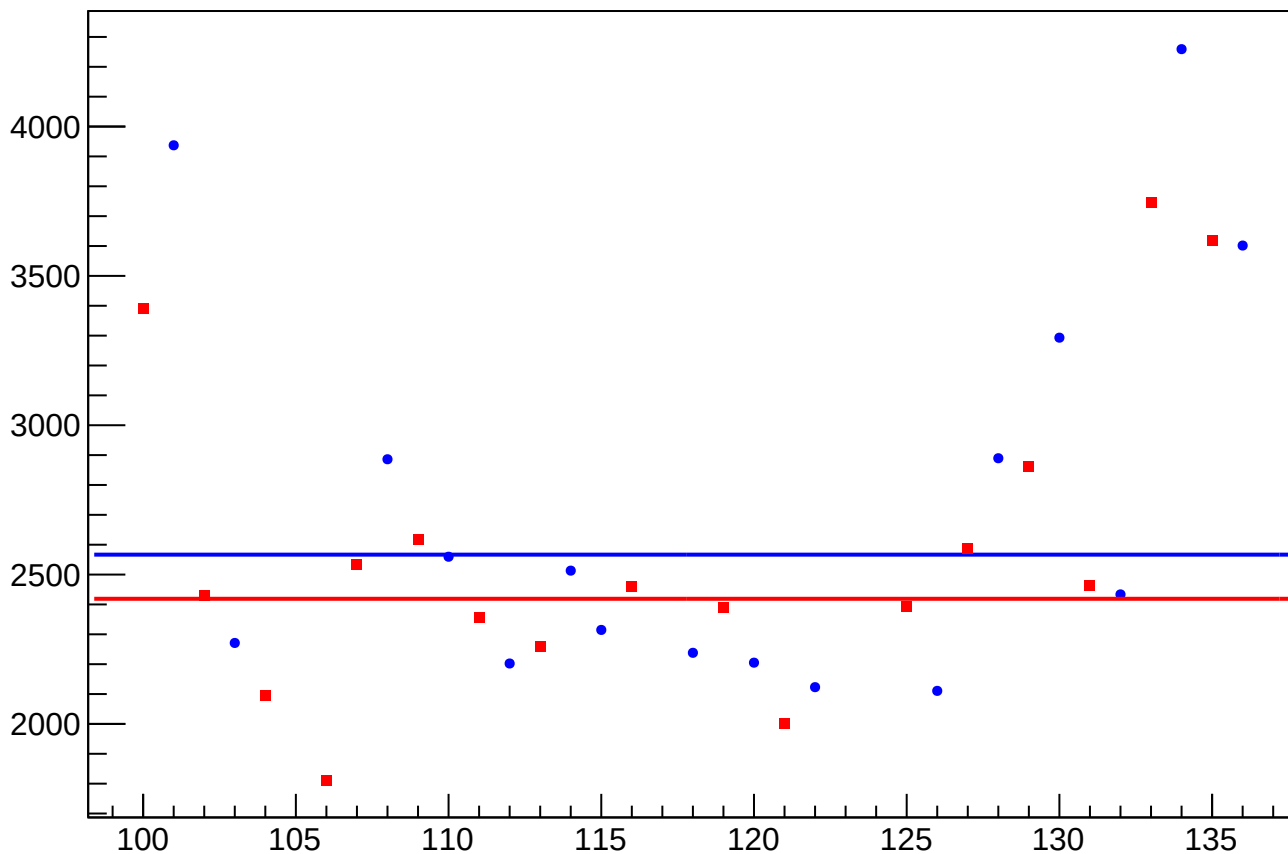
Right: 236.290+/-673.957 χ^2/NDF : 31.3/32

In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.290+/-673.957 χ^2/NDF : 31.3/32

asym_usl_atl2_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 2566.732+/-0.693 χ^2/NDF : 665871.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2418.958+/-0.657 χ^2/NDF : 393286.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

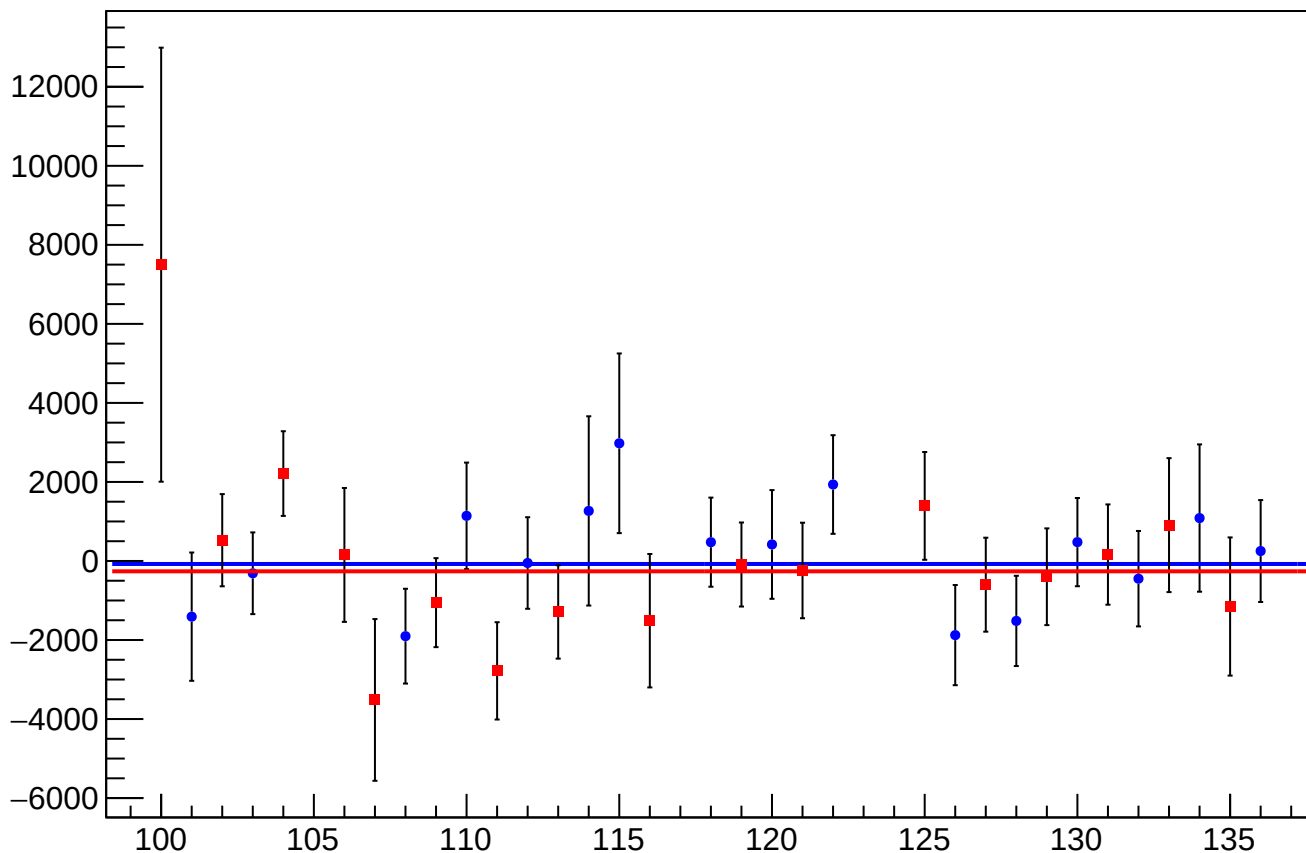
Right: 2488.868+/-0.477 χ^2/NDF : 1083127.0/32

In: 2566.732+/-0.693 χ^2/NDF : 665871.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2488.868+/-0.477 χ^2/NDF : 1083127.0/32

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: -261.647+/-324.122 χ^2/NDF : 18.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

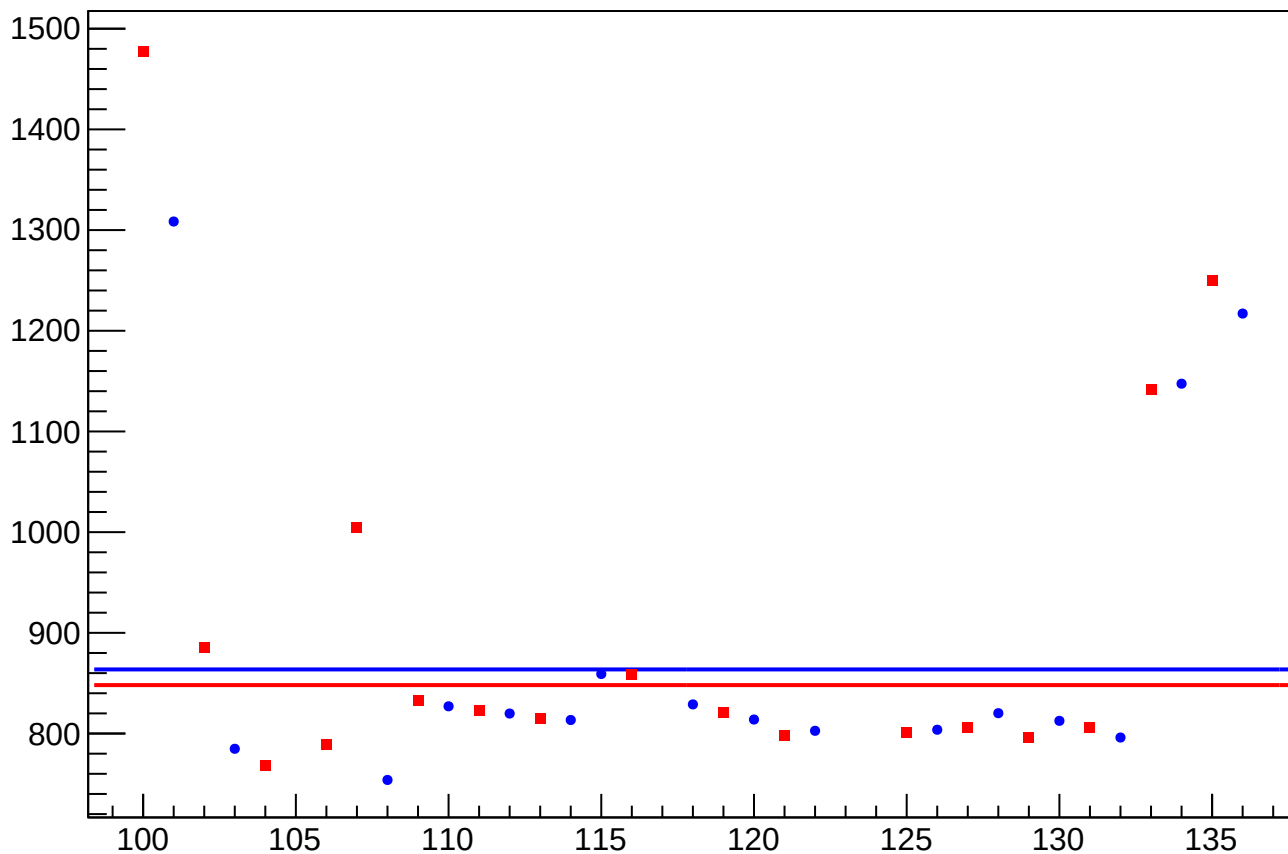
Right: -169.435+/-229.929 χ^2/NDF : 32.3/32

In: -76.022+/-326.226 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -169.435+/-229.929 χ^2/NDF : 32.3/32

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: 848.096+/-0.228 χ^2/NDF : 238126.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

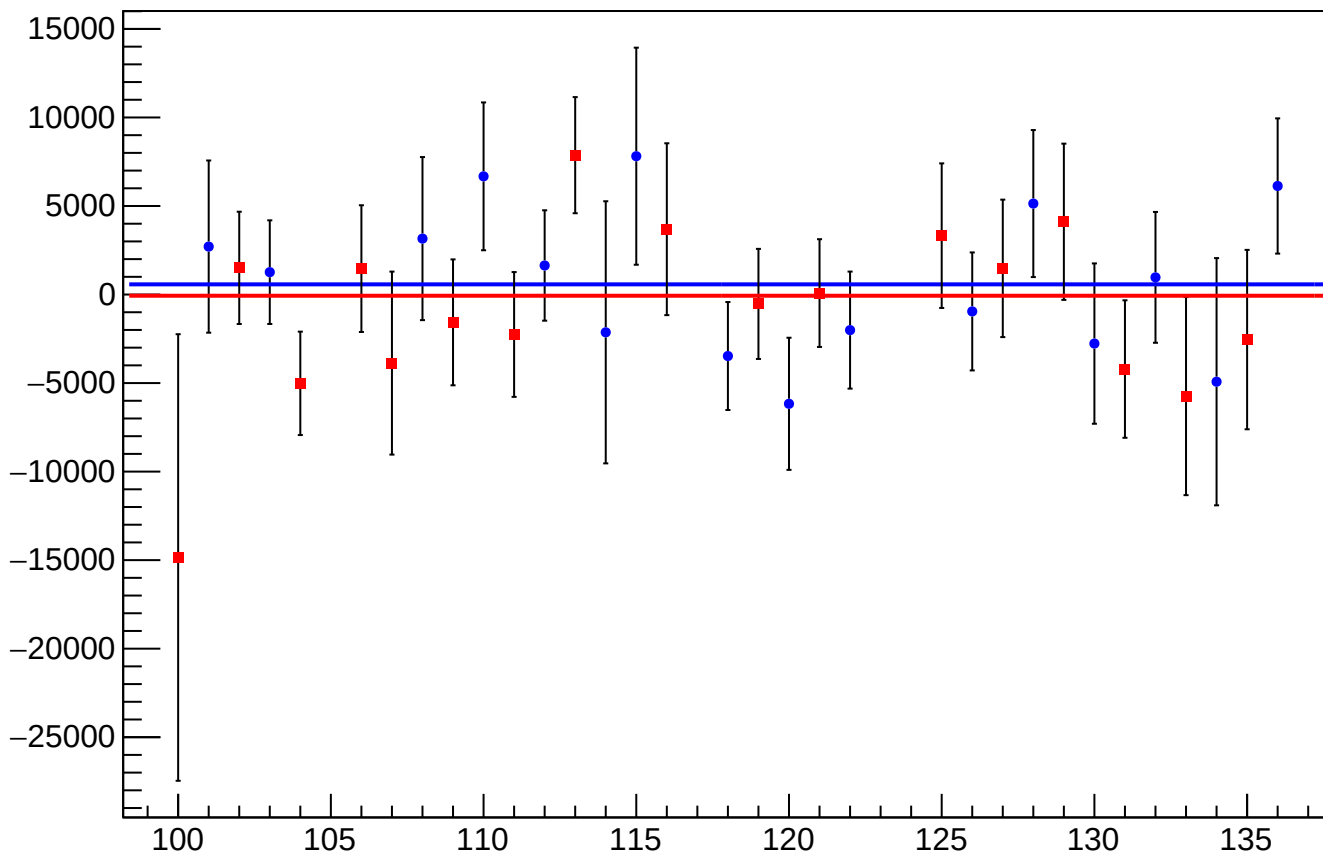
Right: 855.787+/-0.162 χ^2/NDF : 647928.7/32

In: 863.661+/-0.231 χ^2/NDF : 407498.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.787+/-0.162 χ^2/NDF : 647928.7/32

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: -67.785+/-928.457 χ^2/NDF : 16.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

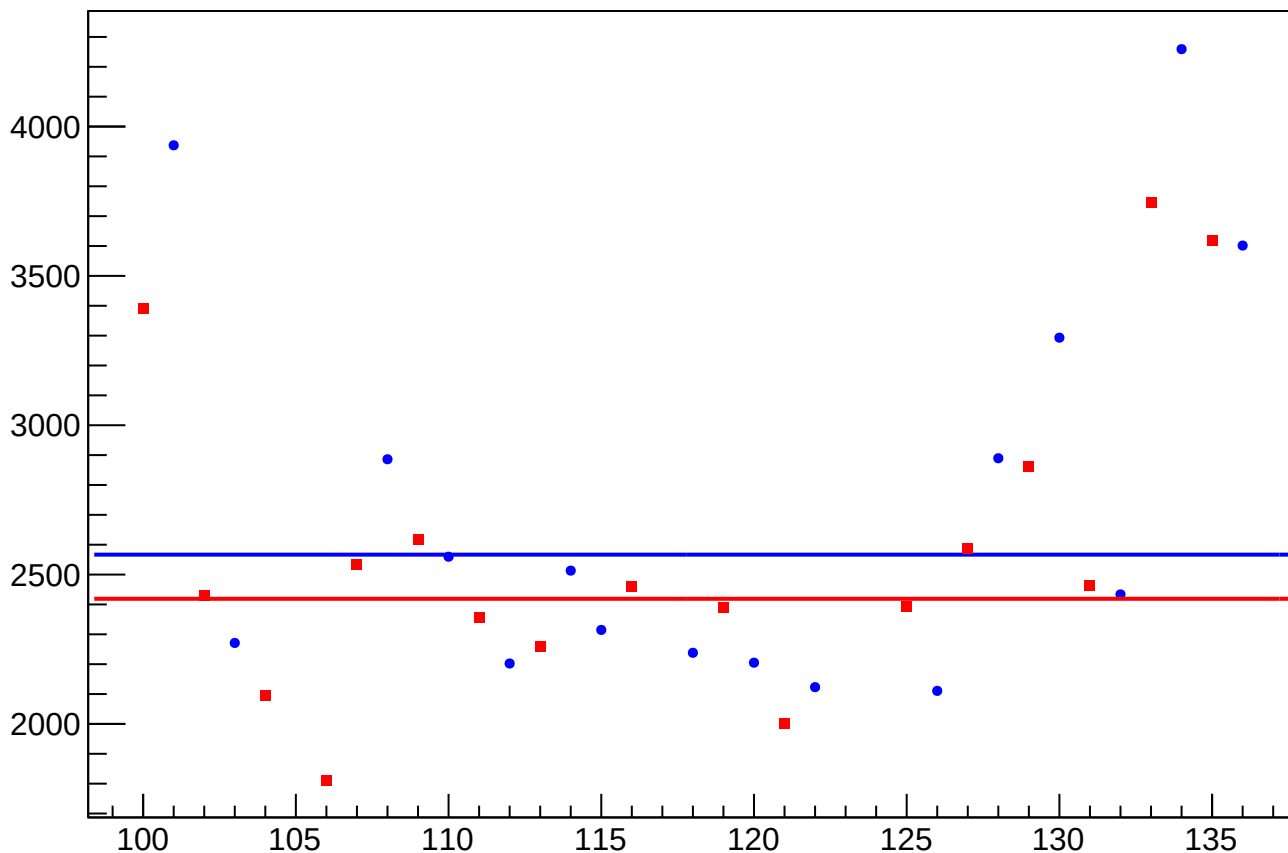
Right: 236.290+/-673.957 χ^2/NDF : 31.3/32

In: 574.964+/-979.856 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.290+/-673.957 χ^2/NDF : 31.3/32

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 2566.732+/-0.693 χ^2/NDF : 665871.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2418.958+/-0.657 χ^2/NDF : 393286.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

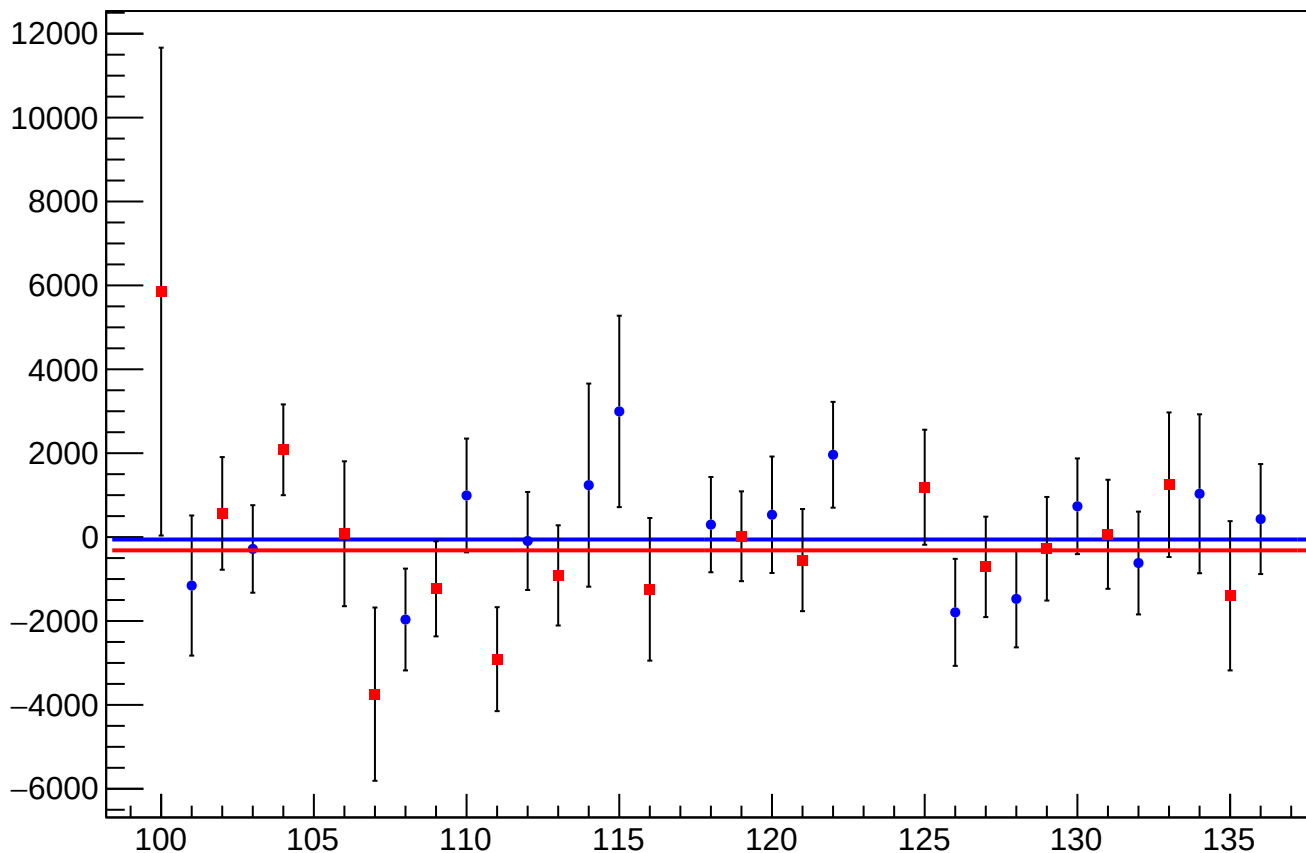
Right: 2488.868+/-0.477 χ^2/NDF : 1083127.0/32

In: 2566.732+/-0.693 χ^2/NDF : 665871.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2488.868+/-0.477 χ^2/NDF : 1083127.0/32

dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -57.208 $\pm$ 330.088 χ^2/NDF : 13.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: -316.045 $\pm$ 330.373 χ^2/NDF : 17.6/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

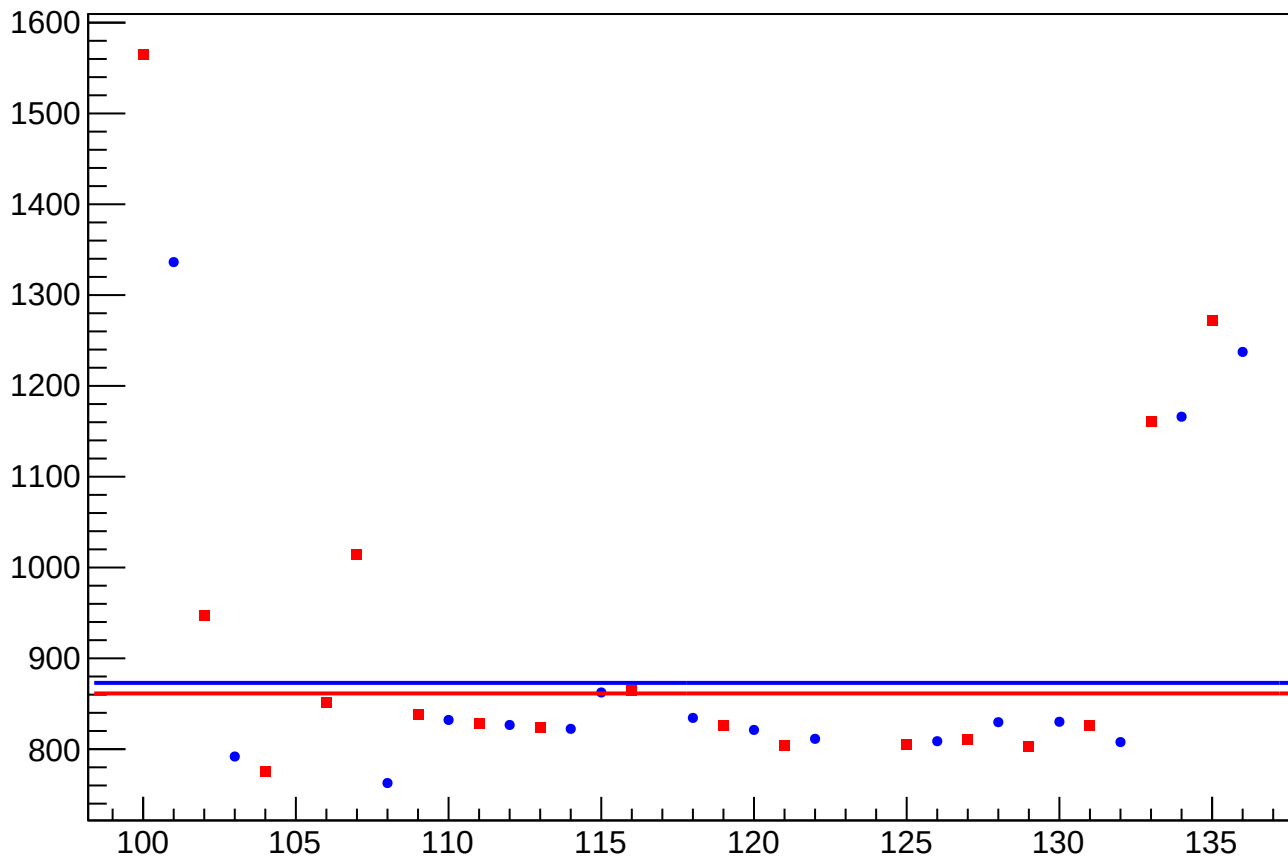
Right: -186.515 $\pm$ 233.508 χ^2/NDF : 30.9/32

In: -57.208 $\pm$ 330.088 χ^2/NDF :13.0/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: -186.515 $\pm$ 233.508 χ^2/NDF : 30.9/32

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: 861.347+/-0.233 χ^2/NDF : 251434.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

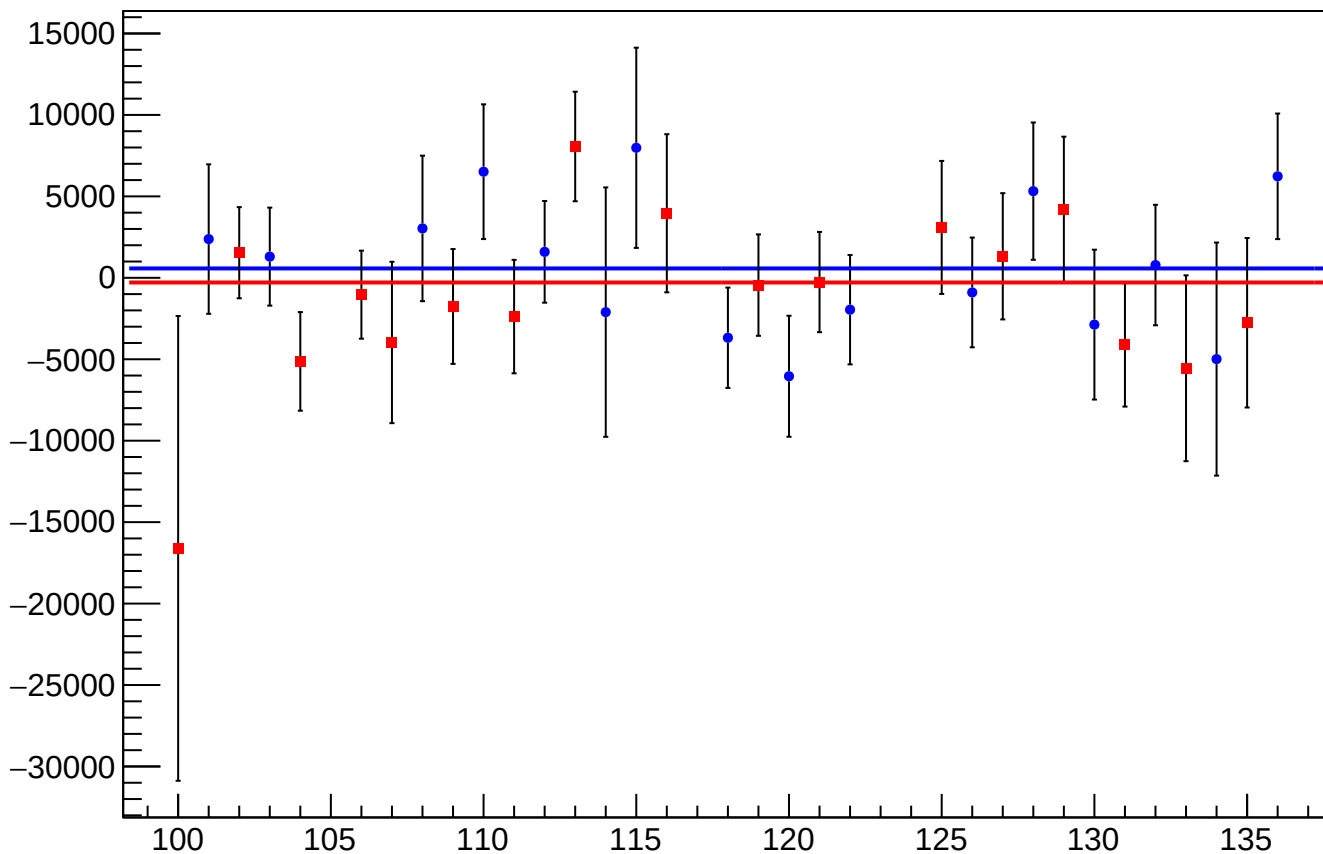
Right: 867.158+/-0.165 χ^2/NDF : 669773.8/32

In: 872.971+/-0.233 χ^2/NDF : 417099.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 867.158+/-0.165 χ^2/NDF : 669773.8/32

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: -287.070+/-899.542 χ^2/NDF : 16.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

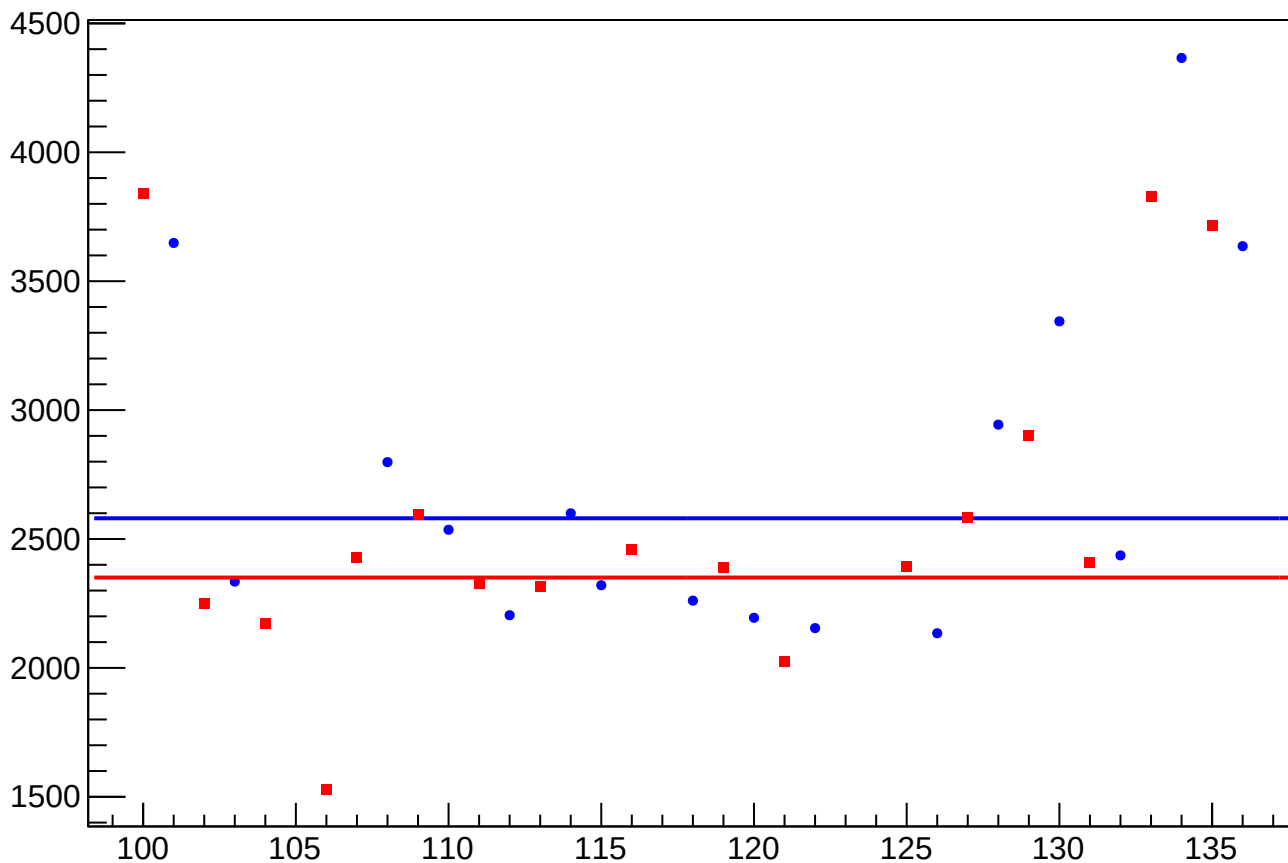
Right: 105.125+/-664.199 χ^2/NDF : 31.5/32

In: 575.271+/-984.888 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.125+/-664.199 χ^2/NDF : 31.5/32

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: 2350.558+/-0.636 χ^2/NDF : 559993.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

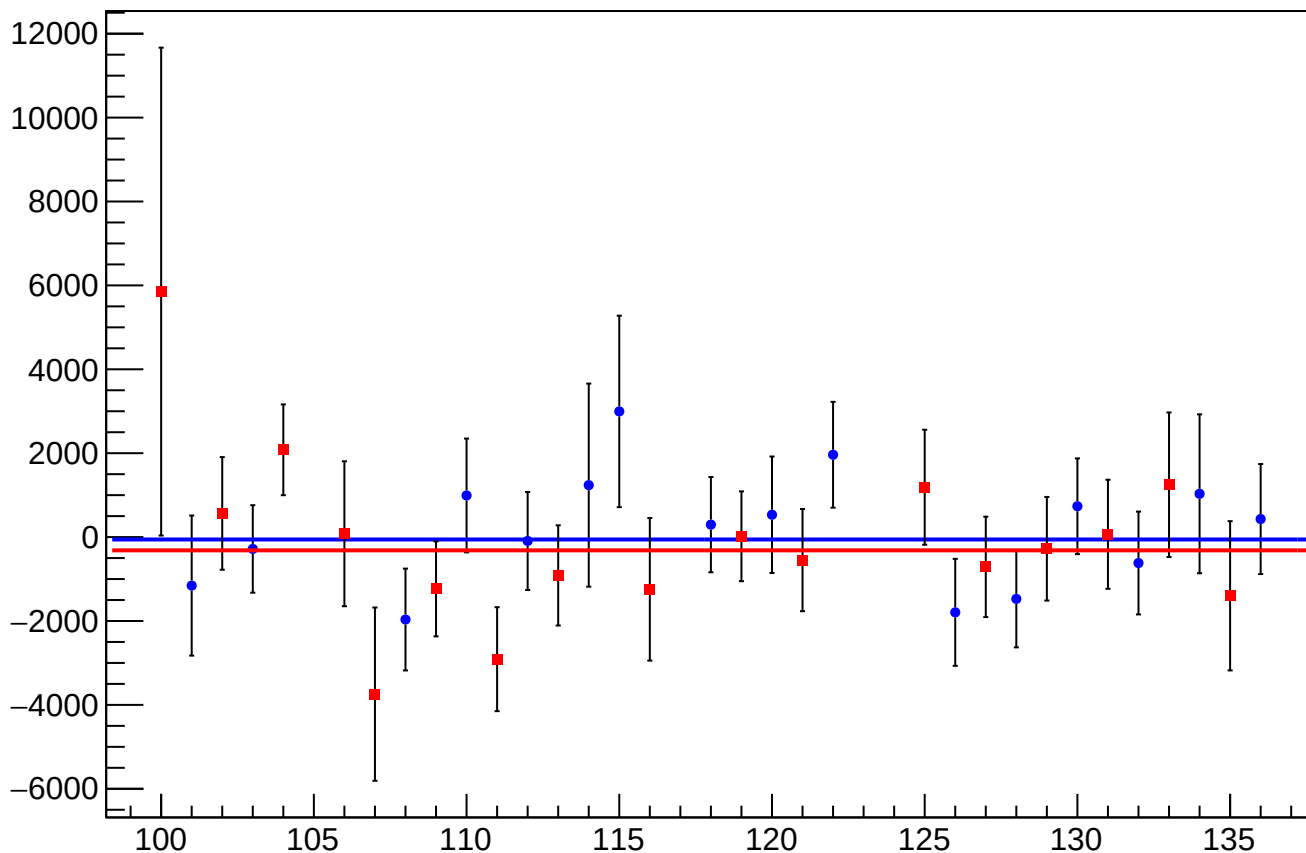
Right: 2455.080+/-0.470 χ^2/NDF : 1236521.3/32

In: 2580.377+/-0.696 χ^2/NDF : 617156.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.080+/-0.470 χ^2/NDF : 1236521.3/32

eigen_dit_asym_usl_atl2_dd_mean vs Slug, Sign Corrected



Right In: -57.211 ± 330.088 $\chi^2/\text{NDF}: 13.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -316.049 ± 330.373 $\chi^2/\text{NDF}: 17.6/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

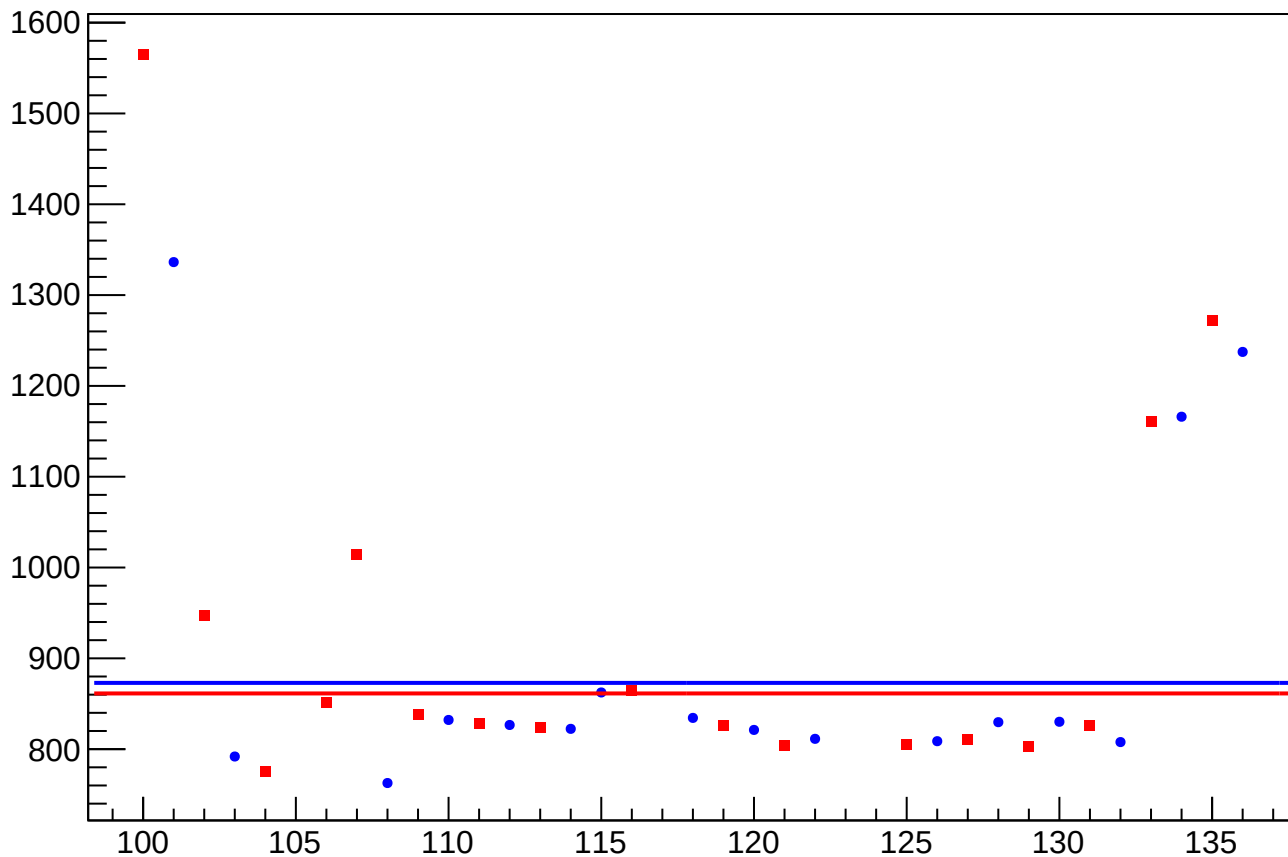
Right: -186.518 ± 233.508 $\chi^2/\text{NDF}: 30.9/32$

In: -57.211 ± 330.088 $\chi^2/\text{NDF}: 13.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -186.518 ± 233.508 $\chi^2/\text{NDF}: 30.9/32$

eigen_dit_asym_usl_atl2_dd_rms vs Slug, Sign Corrected



Right In: 872.972 $\pm$ 0.233 χ^2 /NDF: 417098.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 861.347 $\pm$ 0.233 χ^2 /NDF: 251434.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

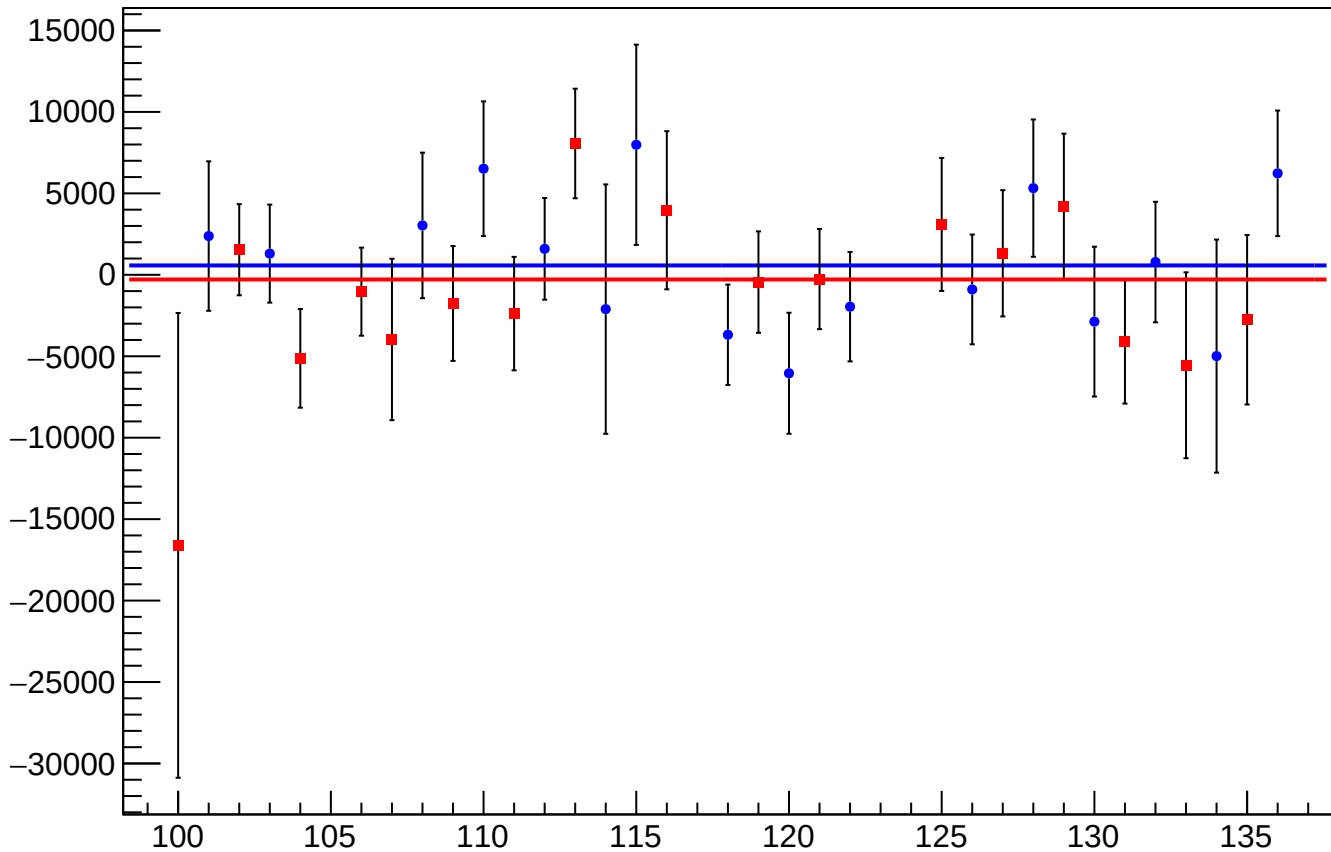
Right: 867.158 $\pm$ 0.165 χ^2 /NDF: 669773.6/32

In: 872.972 $\pm$ 0.233 χ^2 /NDF:417098.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 867.158 $\pm$ 0.165 χ^2 /NDF: 669773.6/32

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: -287.071 $\pm$ 899.540 χ^2 /NDF: 16.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

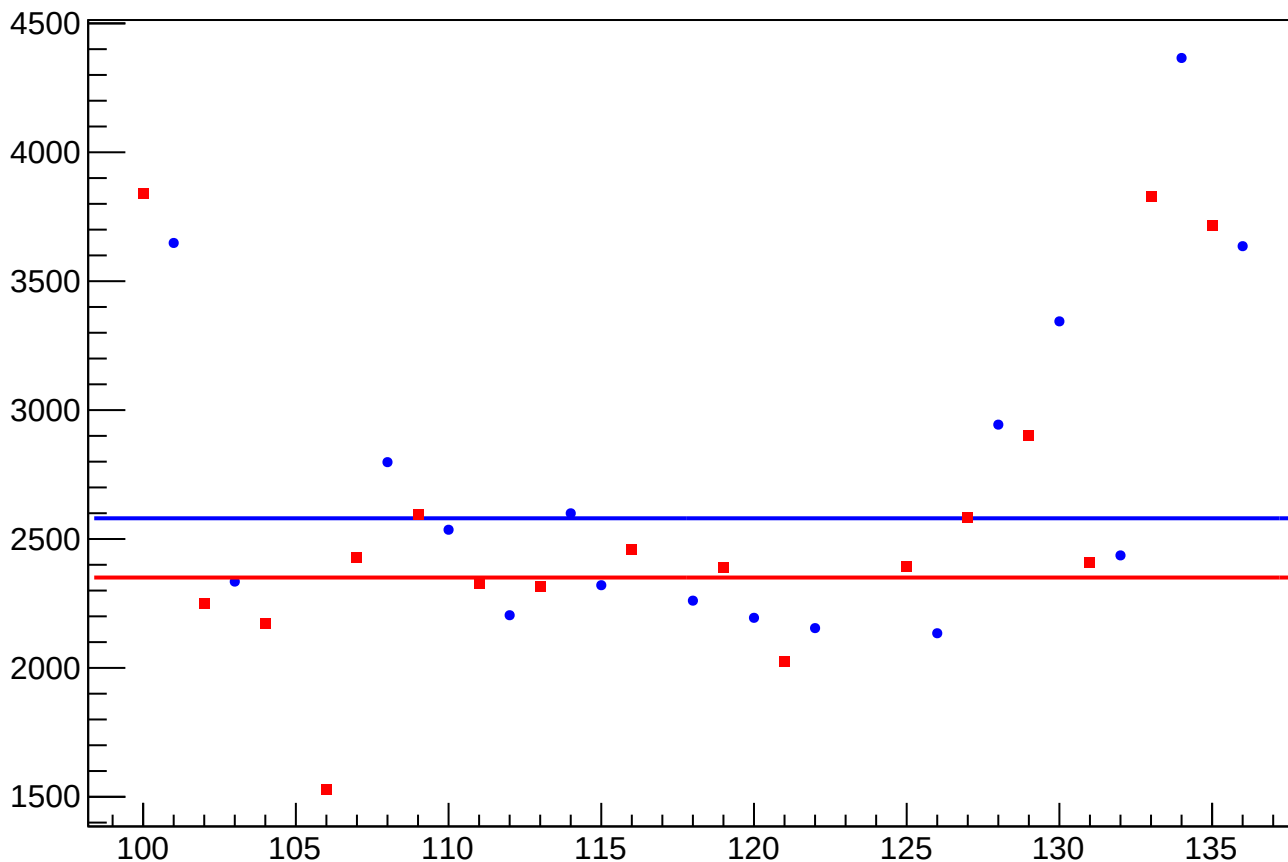
Right: 105.122 $\pm$ 664.197 χ^2 /NDF: 31.5/32

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: 105.122 $\pm$ 664.197 χ^2 /NDF: 31.5/32

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: 2350.551+/-0.636 χ^2/NDF : 559996.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

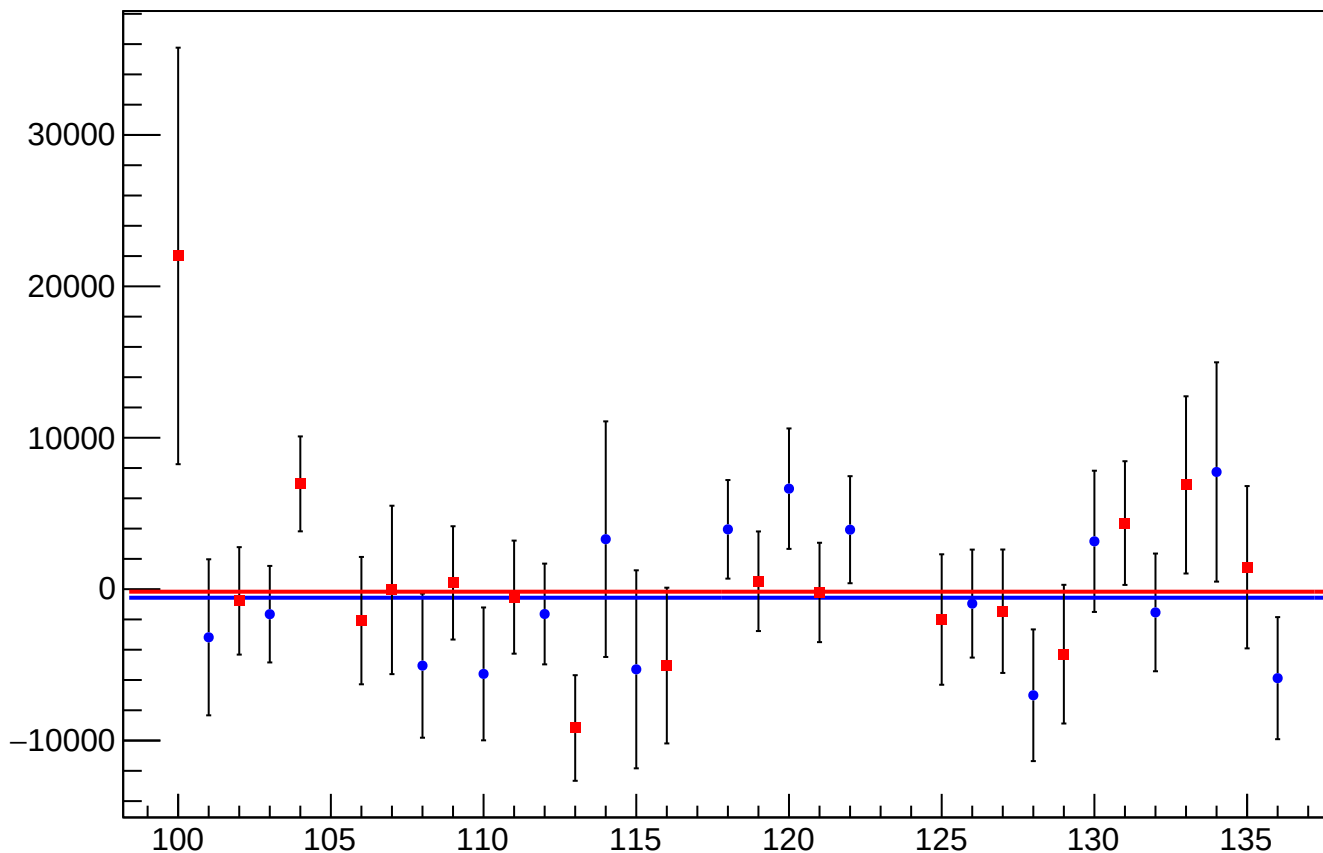
Right: 2455.073+/-0.470 χ^2/NDF : 1236530.7/32

In: 2580.368+/-0.696 χ^2/NDF : 617163.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2455.073+/-0.470 χ^2/NDF : 1236530.7/32

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: -167.456+/-995.380 χ^2/NDF : 19.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

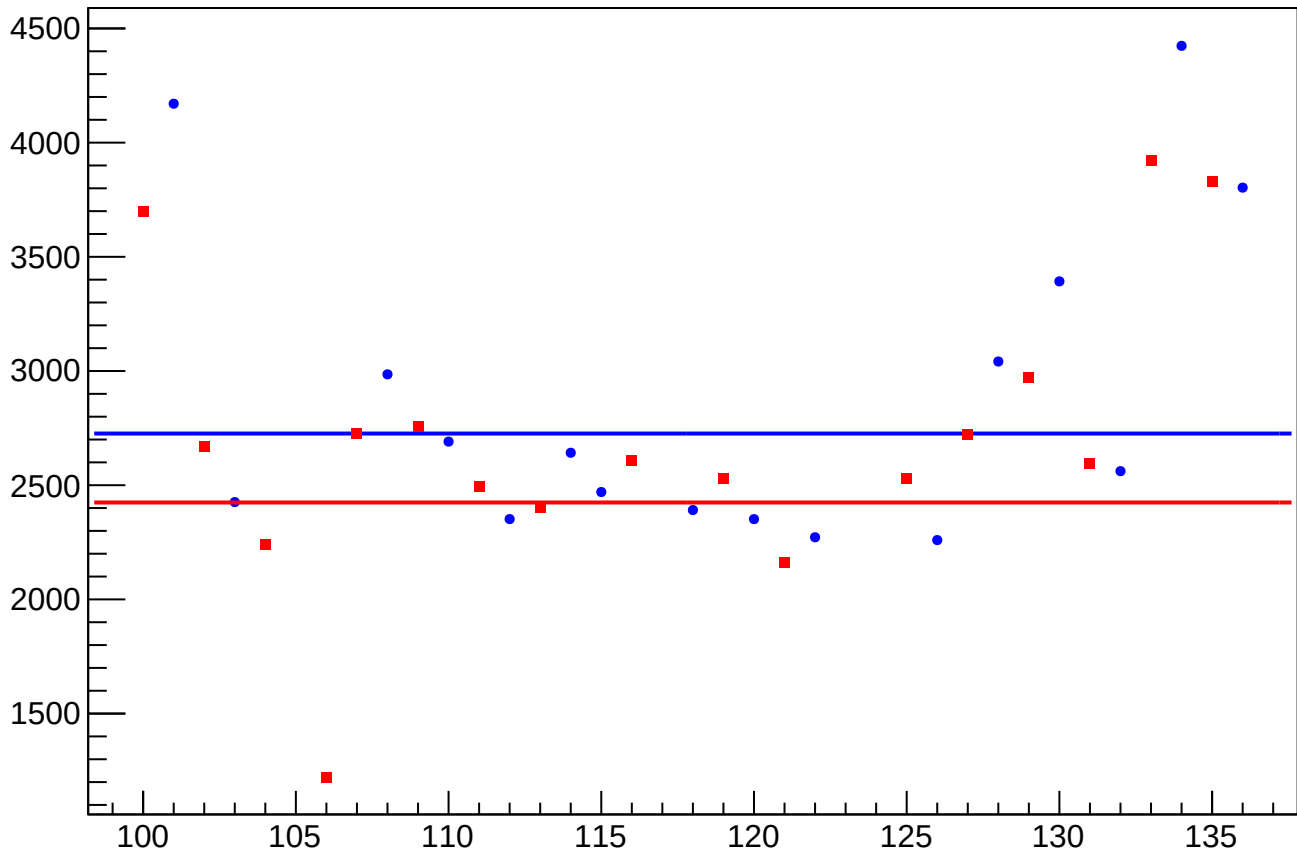
Right: -357.981+/-719.200 χ^2/NDF : 35.8/32

In: -566.096+/-1040.314 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -357.981+/-719.200 χ^2/NDF : 35.8/32

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: 2424.348+/-0.671 χ^2/NDF : 840695.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

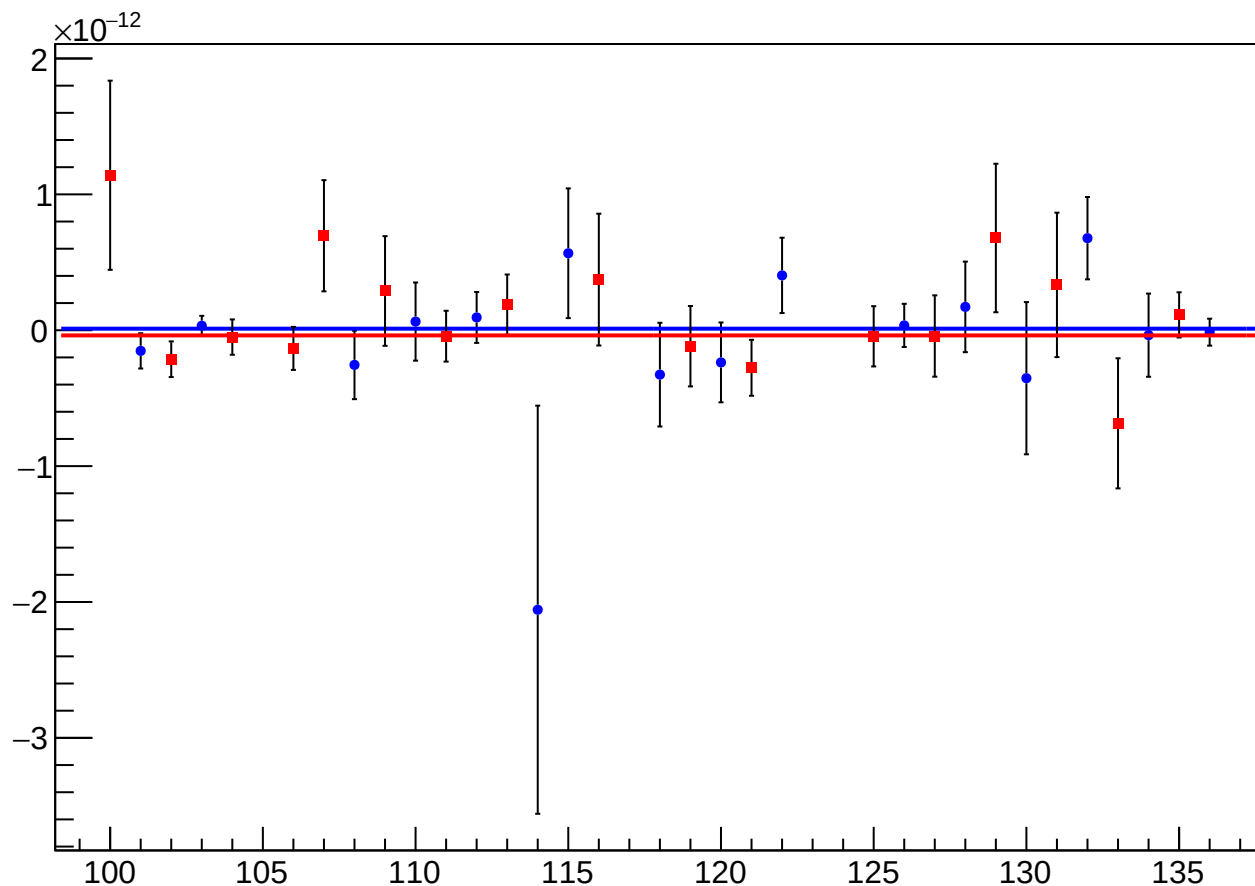
Right: 2561.504+/-0.496 χ^2/NDF : 1555673.9/32

In: 2726.231+/-0.736 χ^2/NDF : 623079.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2561.504+/-0.496 χ^2/NDF : 1555673.9/32

asym_usl_atl2_dd_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 : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

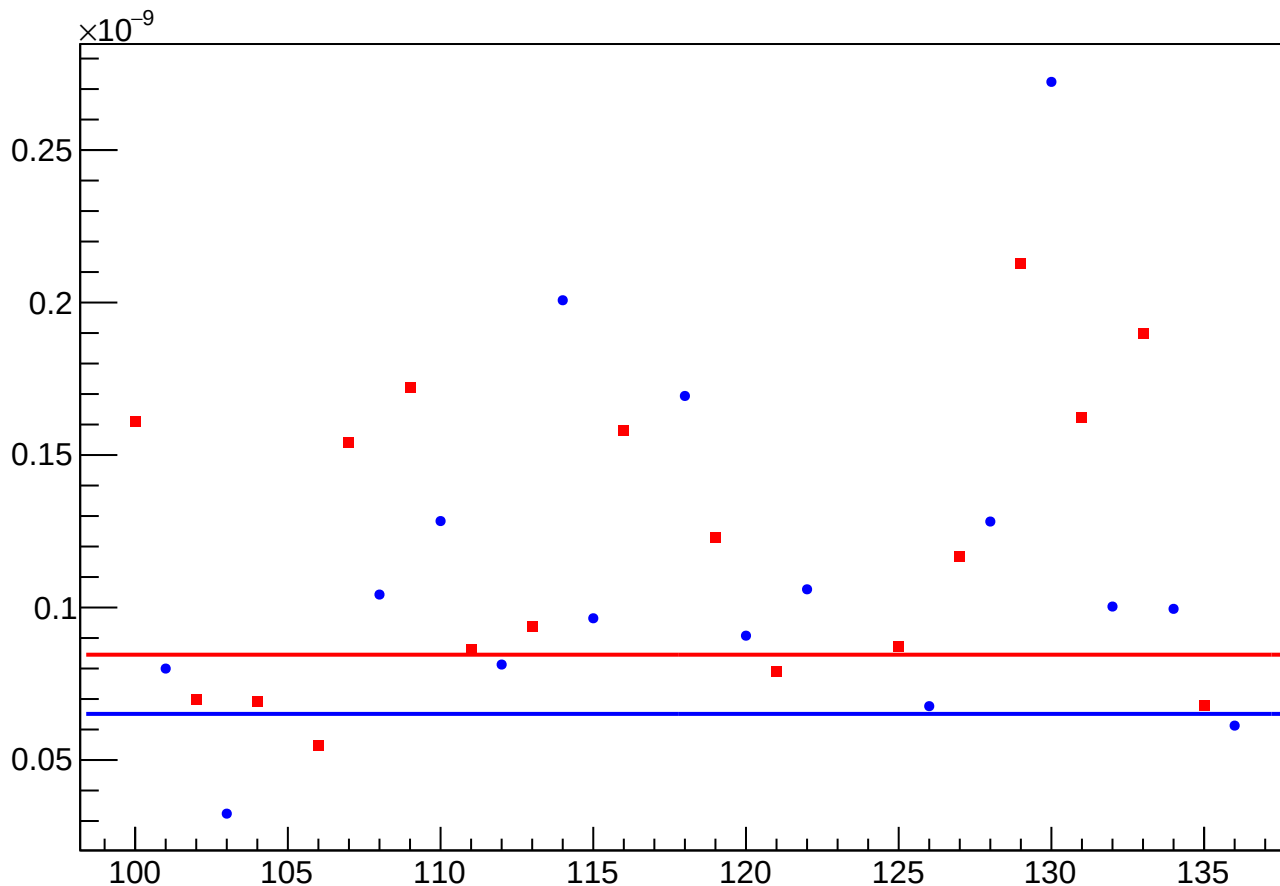
Right: -0.000+/-0.000 χ^2/NDF : 32.8/32

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 : 32.8/32

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 : 677635.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

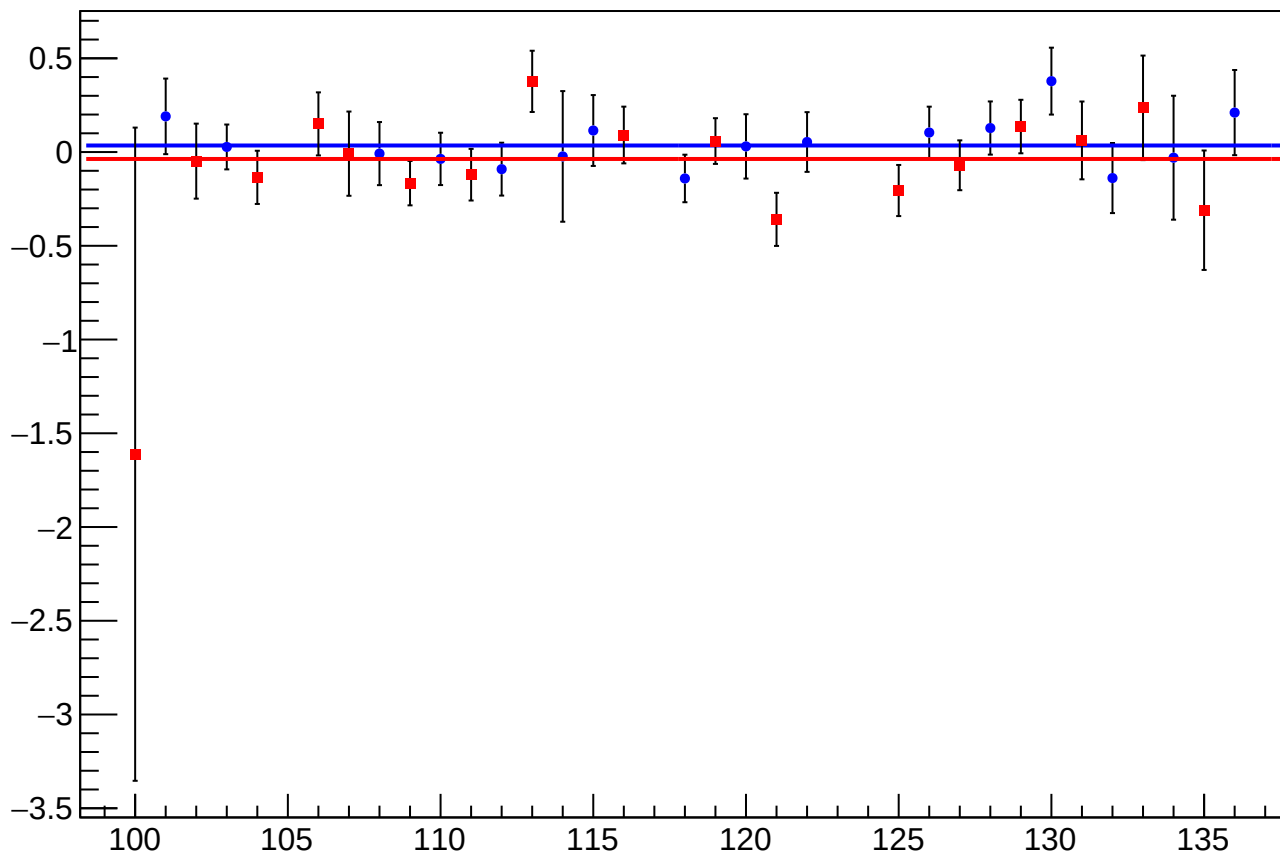
Right: 0.000+/-0.000 χ^2/NDF : 2054126.8/32

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 : 2054126.8/32

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: -0.037 $\pm$ 0.039 χ^2 /NDF: 22.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

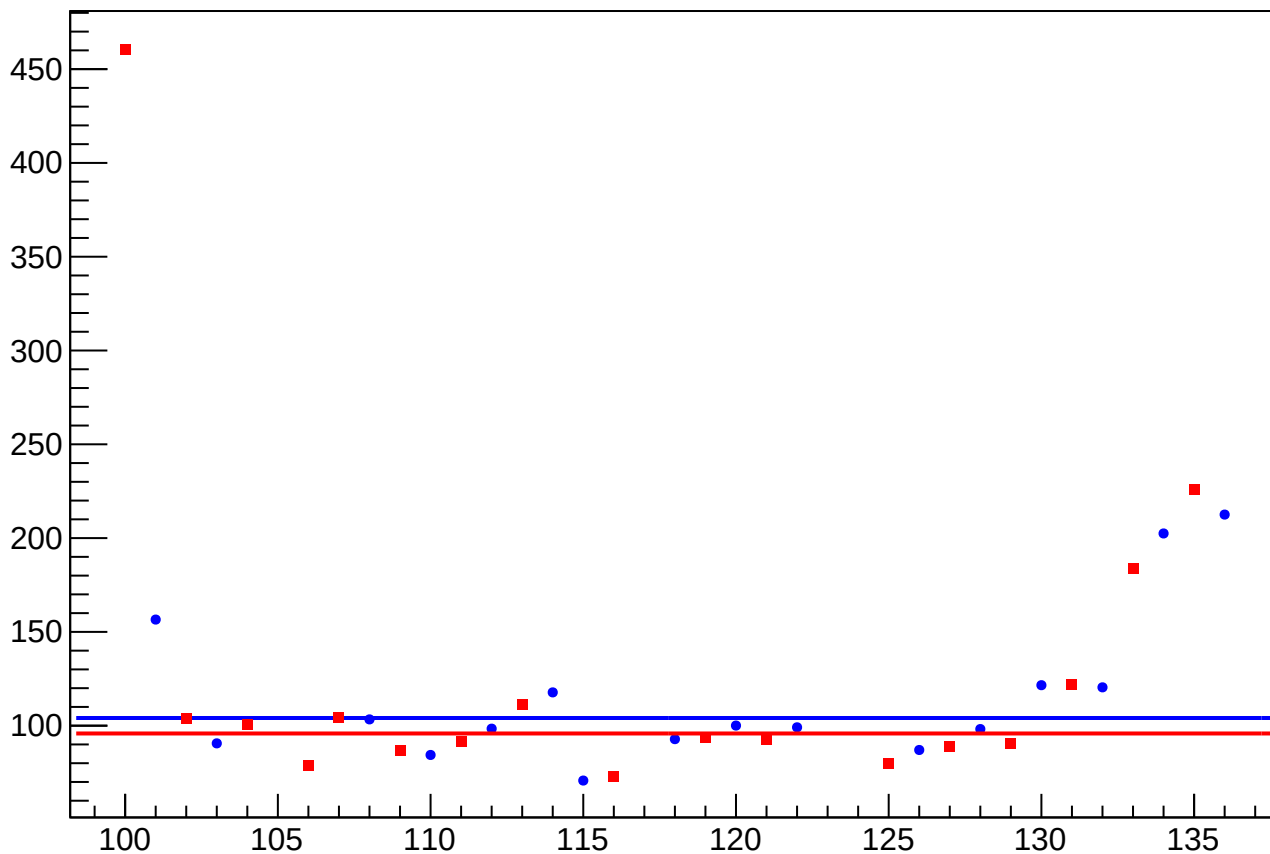
Right: -0.003 $\pm$ 0.028 χ^2 /NDF: 33.4/32

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: 33.4/32

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: 95.847+/-0.028 χ^2/NDF : 795669.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

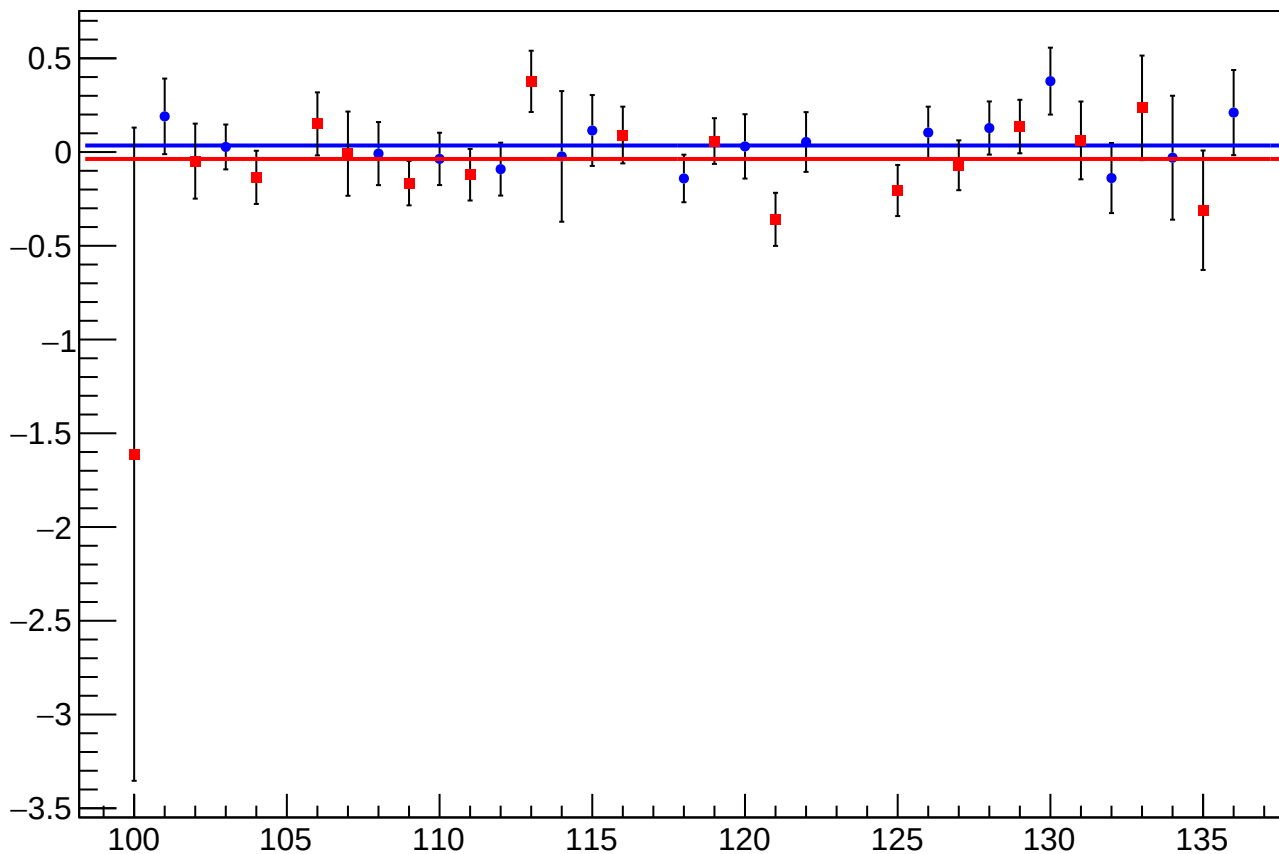
Right: 99.762+/-0.020 χ^2/NDF : 1828046.6/32

In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.762+/-0.020 χ^2/NDF : 1828046.6/32

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: -0.037+/-0.039 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

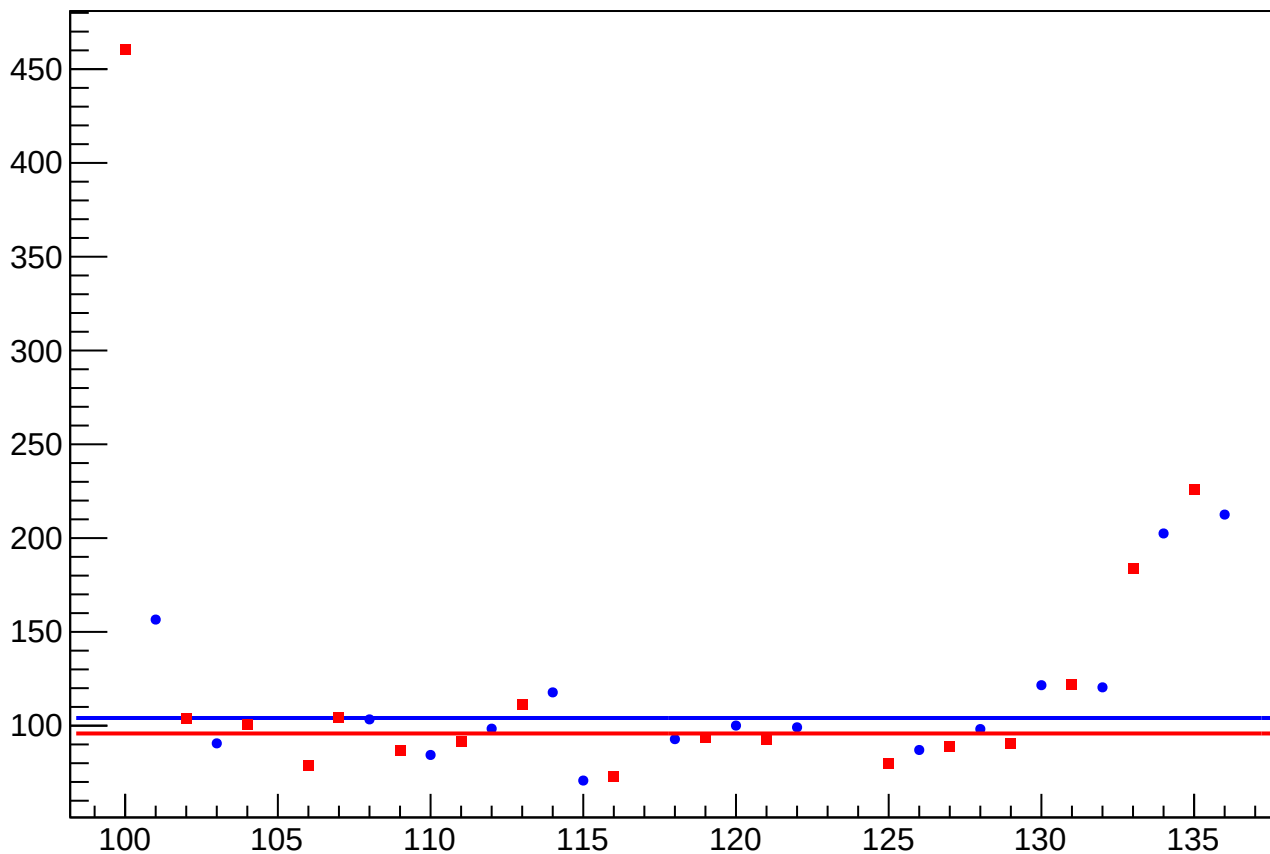
Right: -0.003+/-0.028 χ^2/NDF : 33.4/32

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 : 33.4/32

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: 95.847+/-0.028 χ^2/NDF : 795669.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

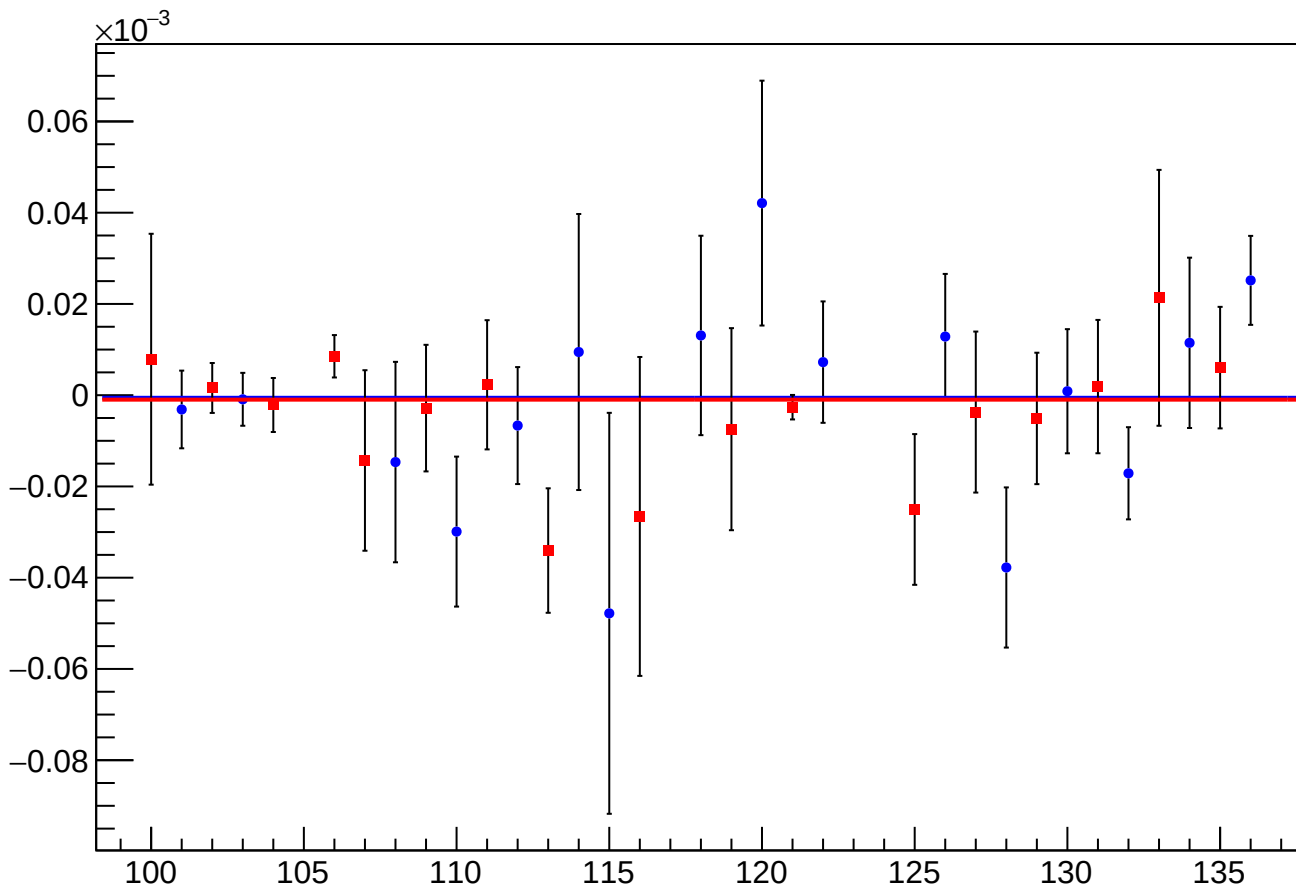
Right: 99.762+/-0.020 χ^2/NDF : 1828046.6/32

In: 104.099+/-0.029 χ^2/NDF : 989856.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.762+/-0.020 χ^2/NDF : 1828046.6/32

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 : 15.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

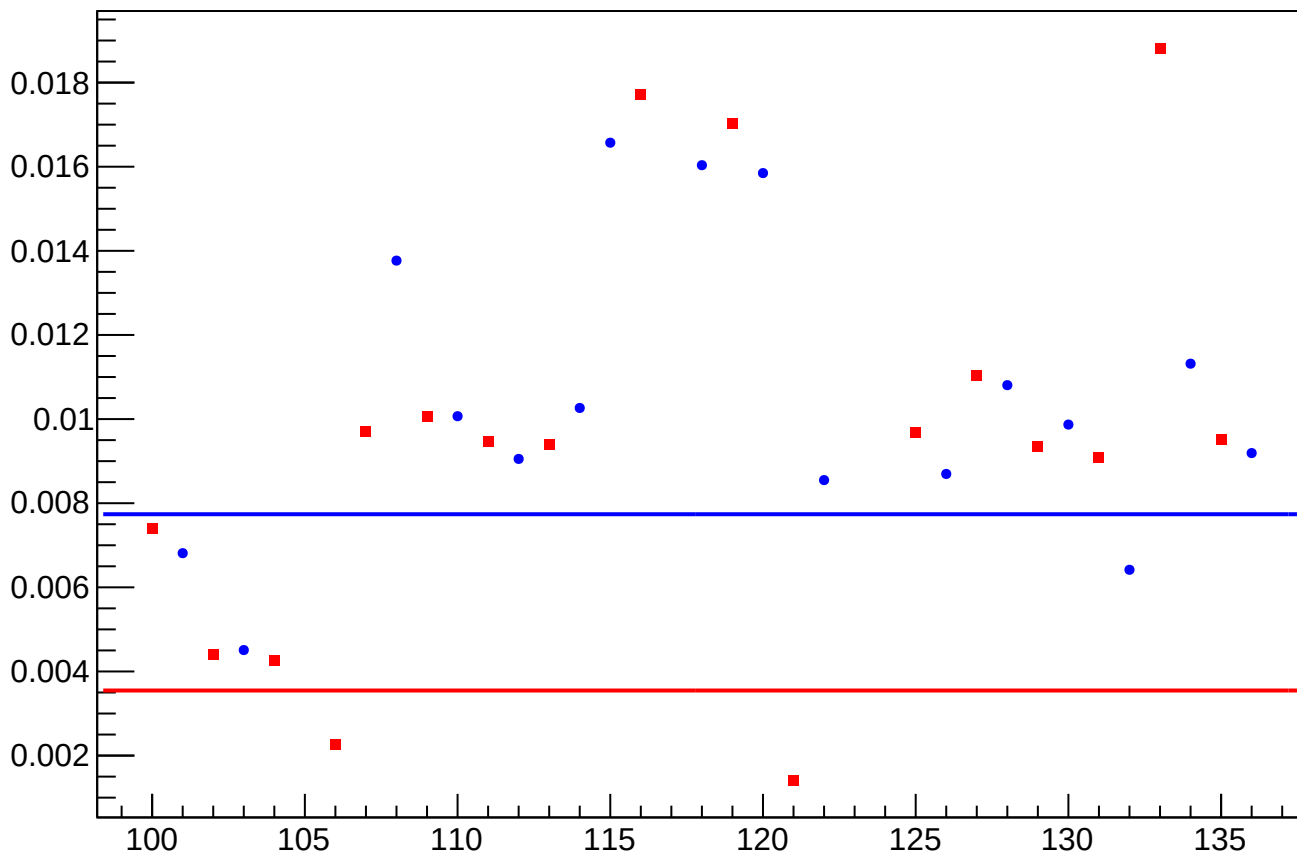
Right: -0.000+/-0.000 χ^2/NDF : 39.1/32

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 : 39.1/32

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 : 6207954.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

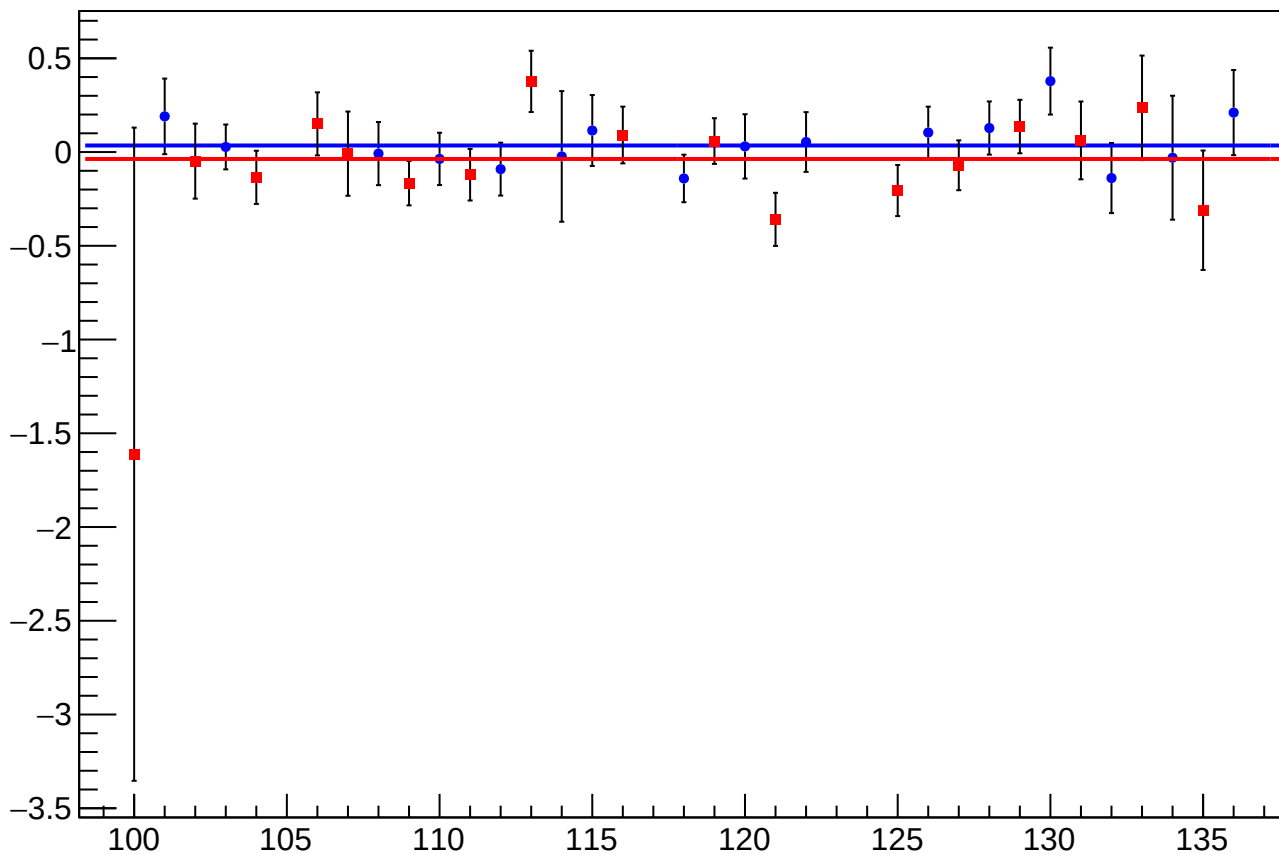
Right: 0.005+/-0.000 χ^2/NDF : 10590907.4/32

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 : 10590907.4/32

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: -0.037+/-0.039 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

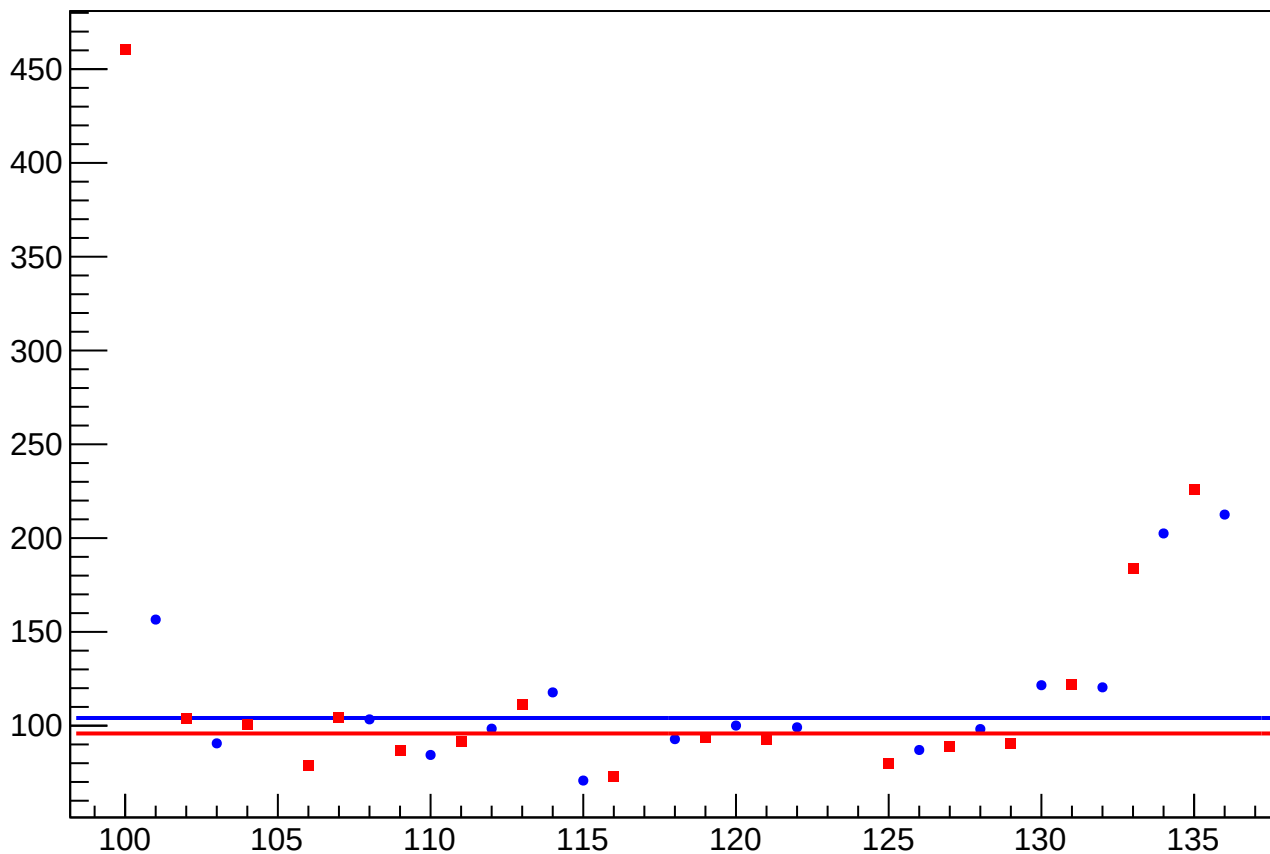
Right: -0.003+/-0.028 χ^2/NDF : 33.4/32

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 : 33.4/32

asym_usl_atl2_dd_eigen_dit_vs_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: 95.848+/-0.028 χ^2/NDF : 795599.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

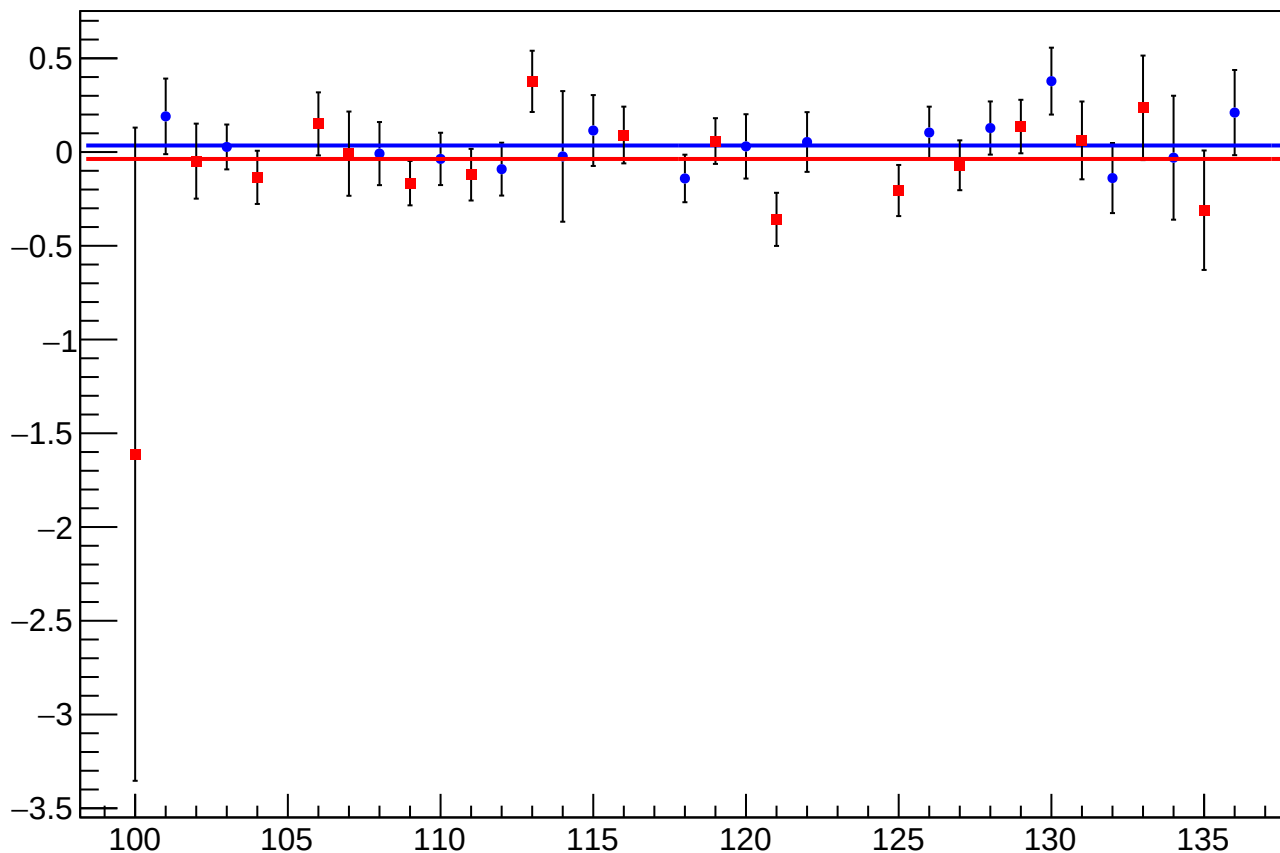
Right: 99.763+/-0.020 χ^2/NDF : 1827923.9/32

In: 104.100+/-0.029 χ^2/NDF : 989809.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.763+/-0.020 χ^2/NDF : 1827923.9/32

asym_usl_atl2_dd_eigen_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: -0.037+/-0.039 χ^2/NDF : 22.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

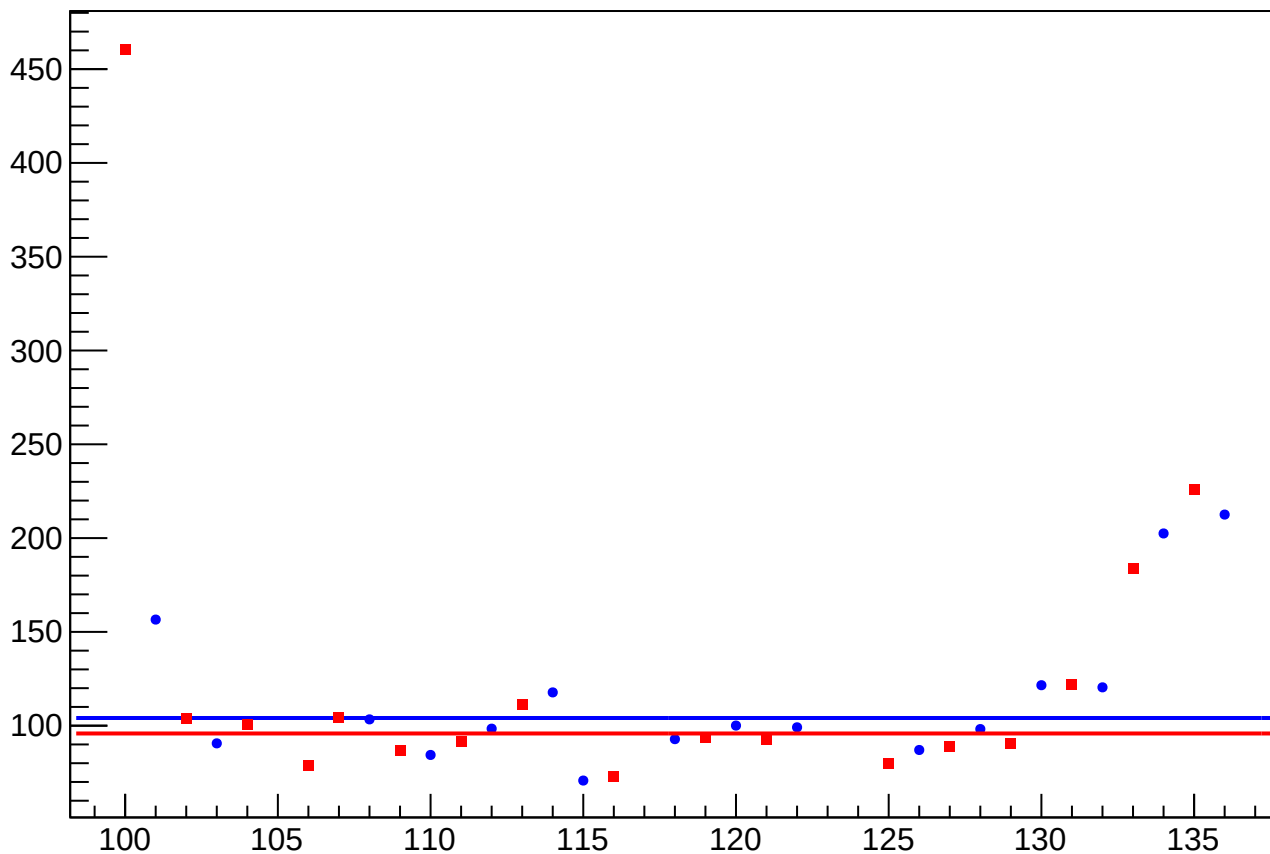
Right: -0.003+/-0.028 χ^2/NDF : 33.4/32

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 : 33.4/32

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: 95.848+/-0.028 χ^2/NDF : 795599.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

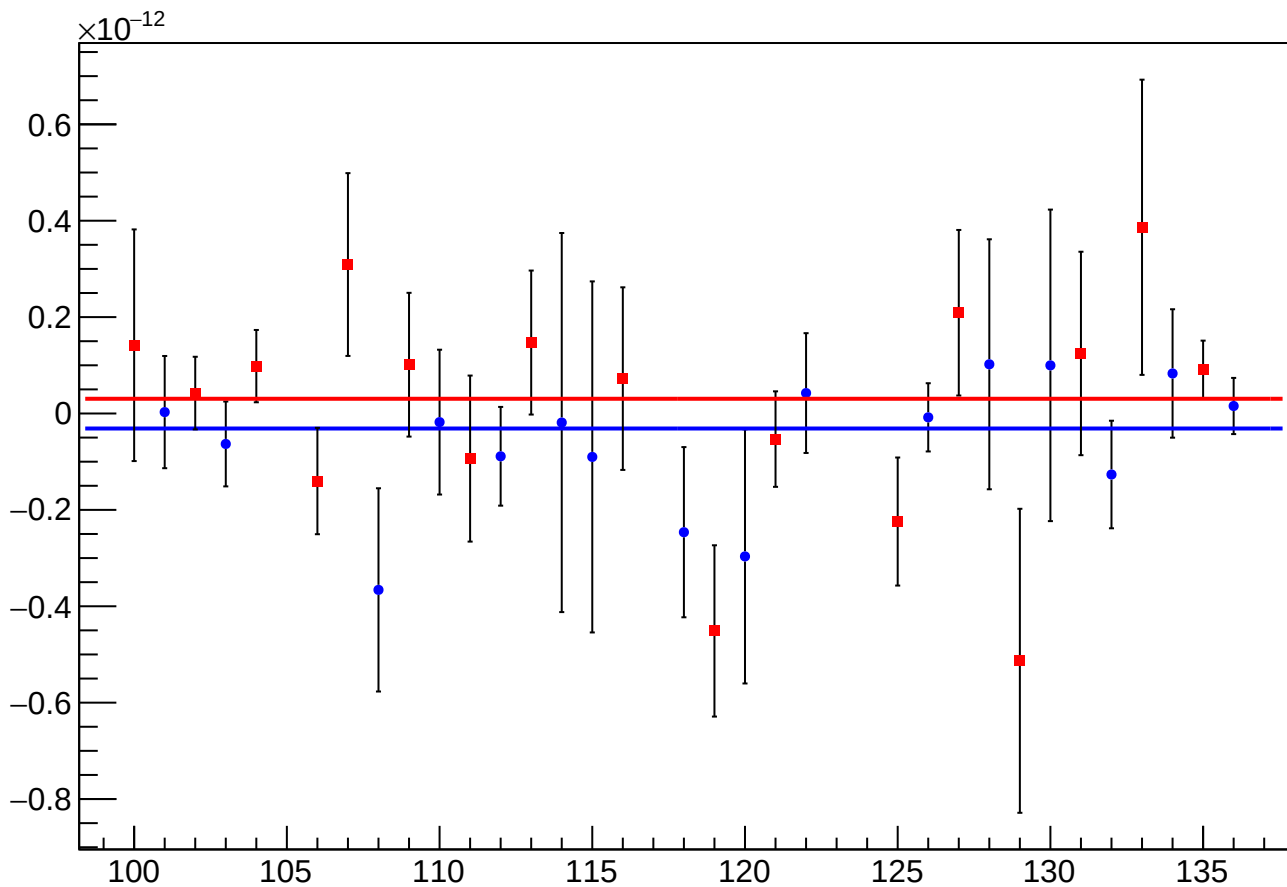
Right: 99.763+/-0.020 χ^2/NDF : 1827923.9/32

In: 104.100+/-0.029 χ^2/NDF : 989809.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 99.763+/-0.020 χ^2/NDF : 1827923.9/32

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 : 25.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

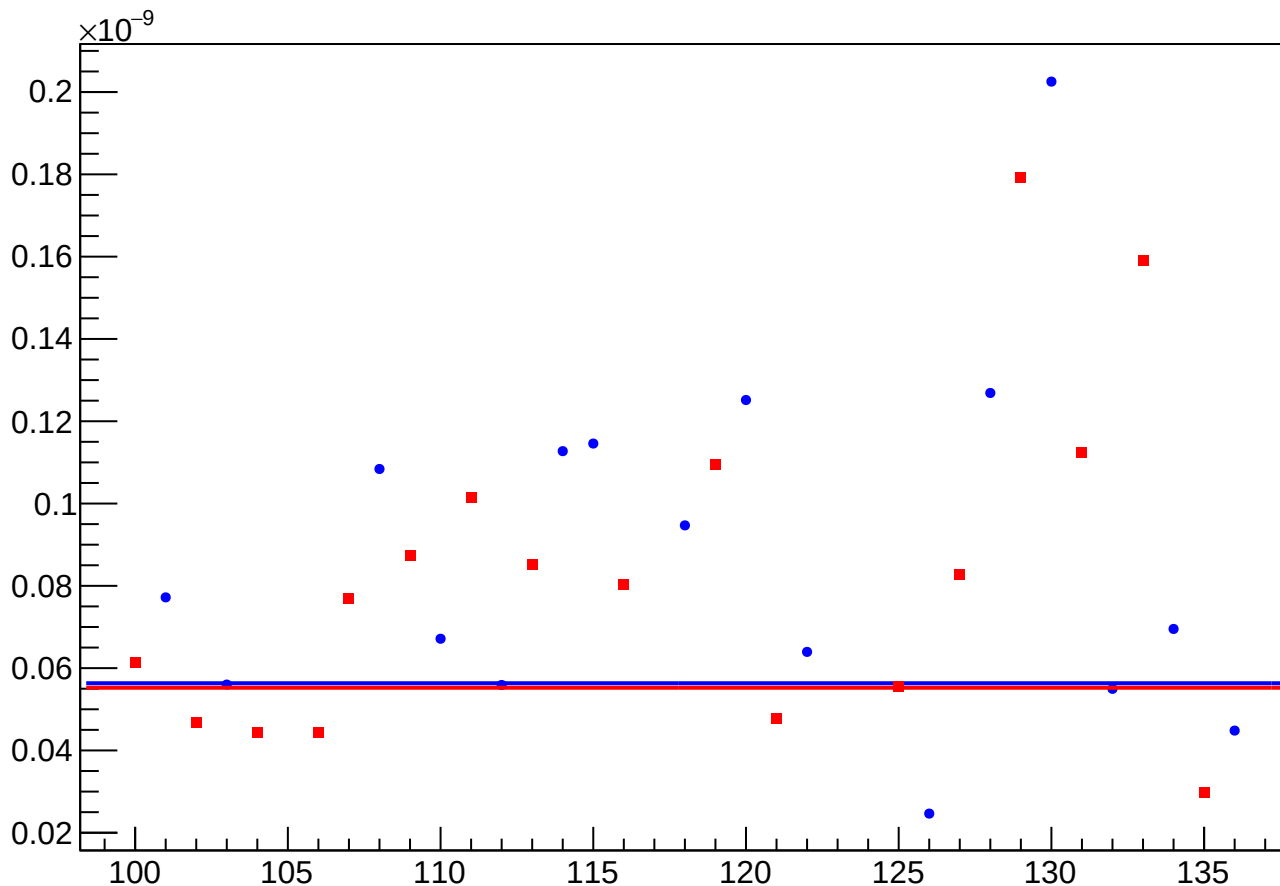
Right: 0.000+/-0.000 χ^2/NDF : 36.1/32

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 : 36.1/32

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 : 1756251.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

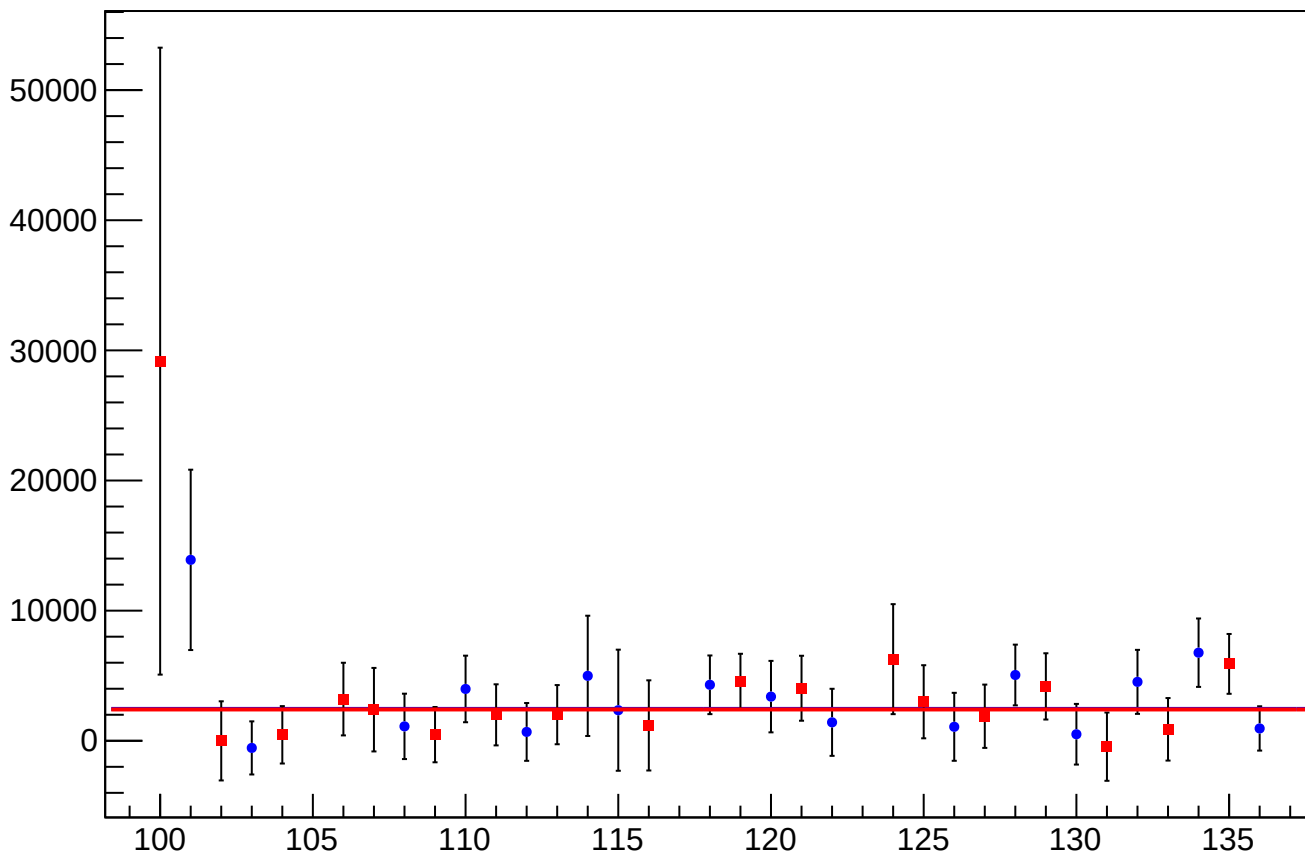
Right: 0.000+/-0.000 χ^2/NDF : 3340324.5/32

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 : 3340324.5/32

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: 2407.353+/-618.195 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

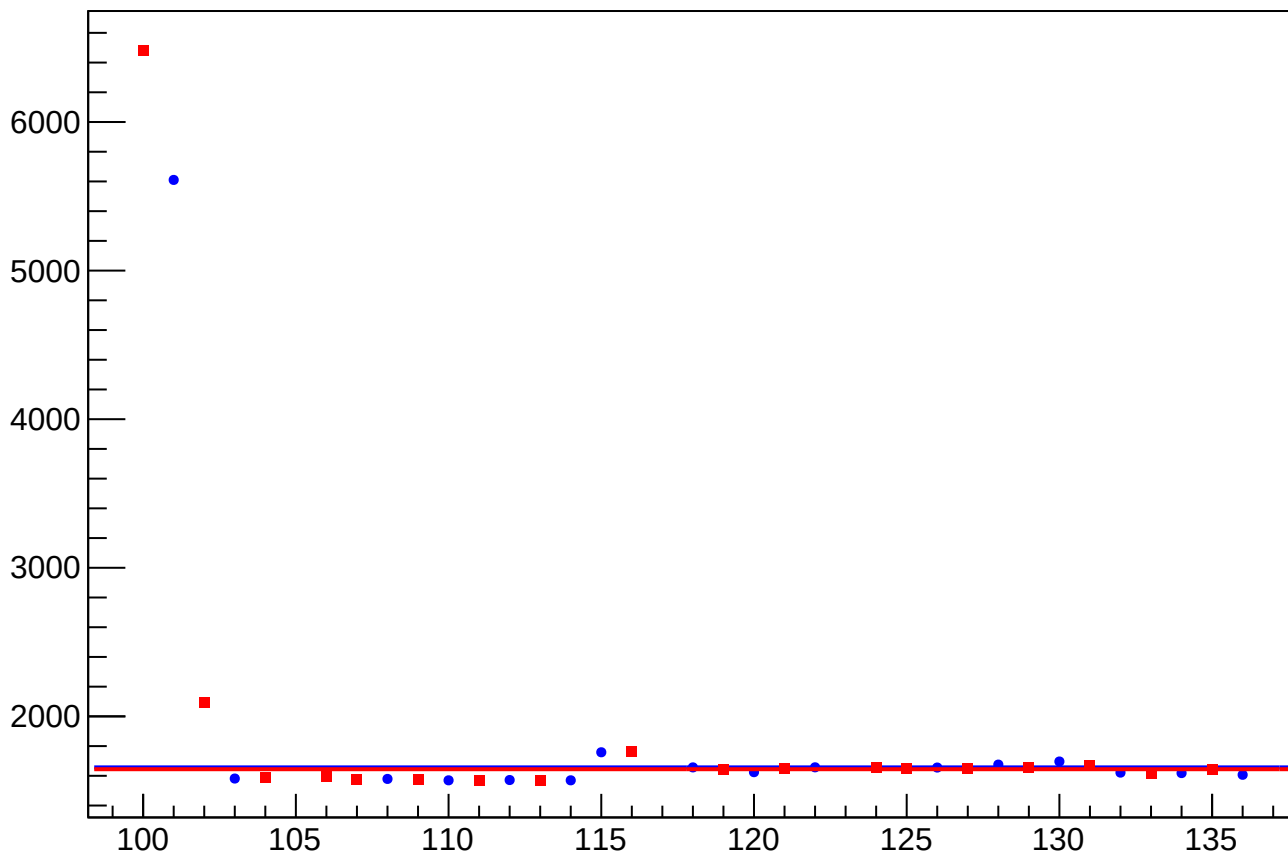
Right: 2428.244+/-441.325 χ^2/NDF : 24.4/33

In: 2449.957+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2428.244+/-441.325 χ^2/NDF : 24.4/33

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: 1644.449+/-0.437 χ^2/NDF : 136810.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

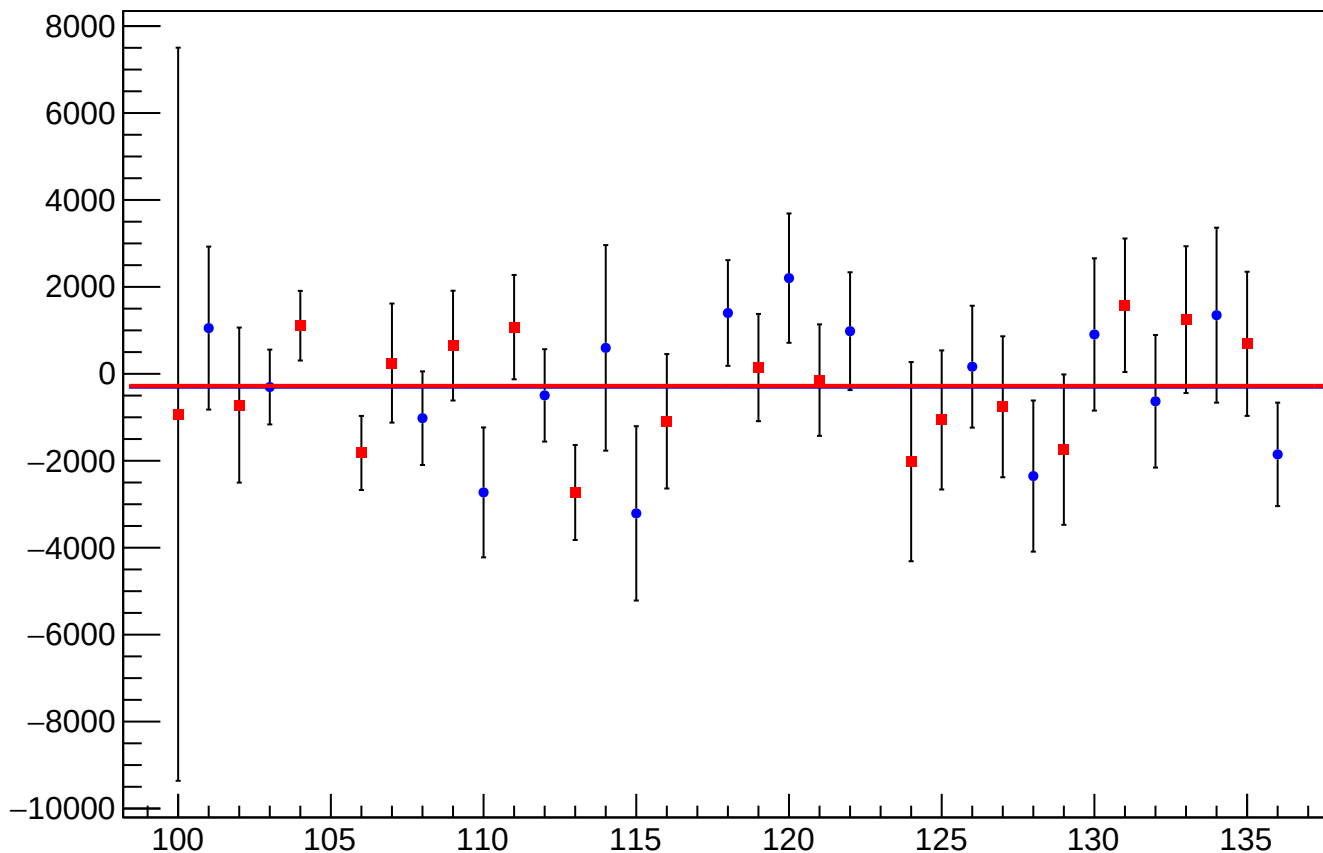
Right: 1650.448+/-0.312 χ^2/NDF : 803421.1/33

In: 1656.683+/-0.446 χ^2/NDF : 666226.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1650.448+/-0.312 χ^2/NDF : 803421.1/33

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: -276.690+/-315.064 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

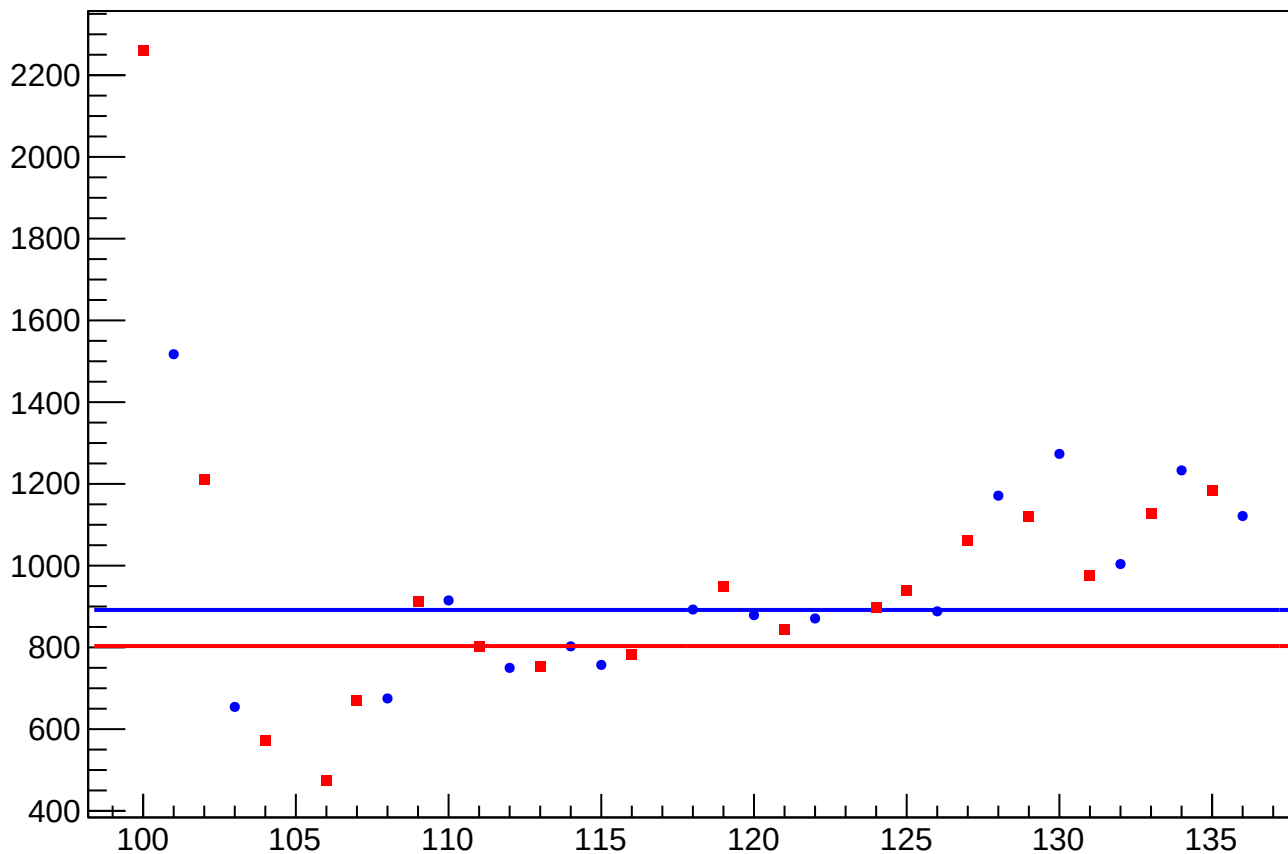
Right: -285.720+/-232.167 χ^2/NDF : 33.9/33

In: -296.450+/-343.436 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -285.720+/-232.167 χ^2/NDF : 33.9/33

asym_usr_atr1_avg_reg_correction_rms vs Slug, Sign Corrected



Right In: 891.633 $\pm$ 0.243 χ^2 /NDF: 793897.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 803.267 $\pm$ 0.223 χ^2 /NDF: 1036989.7/17

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

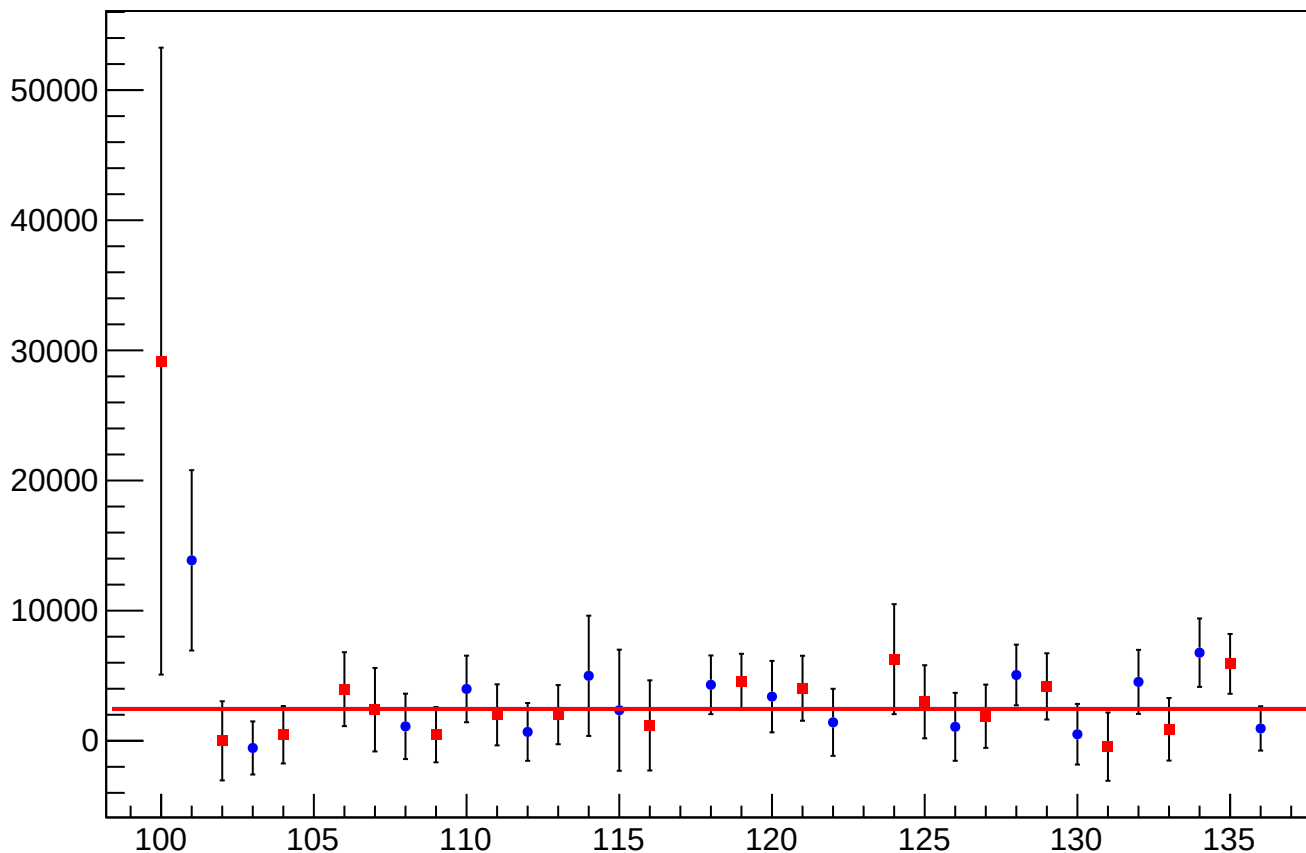
Right: 843.650 $\pm$ 0.164 χ^2 /NDF: 1902783.4/33

In: 891.633 $\pm$ 0.243 χ^2 /NDF:793897.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 843.650 $\pm$ 0.164 χ^2 /NDF: 1902783.4/33

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: 2442.602+/-618.717 χ^2/NDF : 10.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

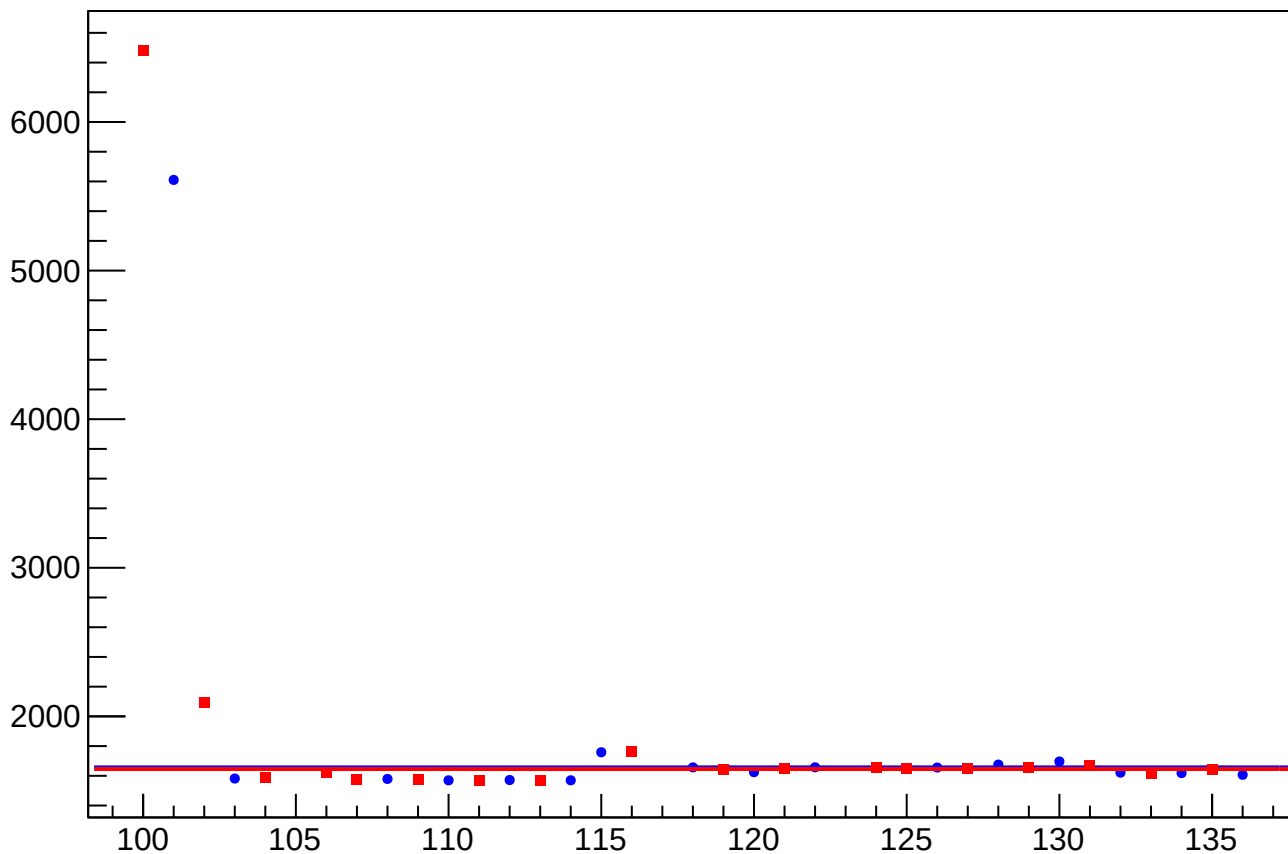
Right: 2445.937+/-441.515 χ^2/NDF : 24.6/33

In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2445.937+/-441.515 χ^2/NDF : 24.6/33

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: 1645.792+/-0.437 χ^2/NDF : 136281.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

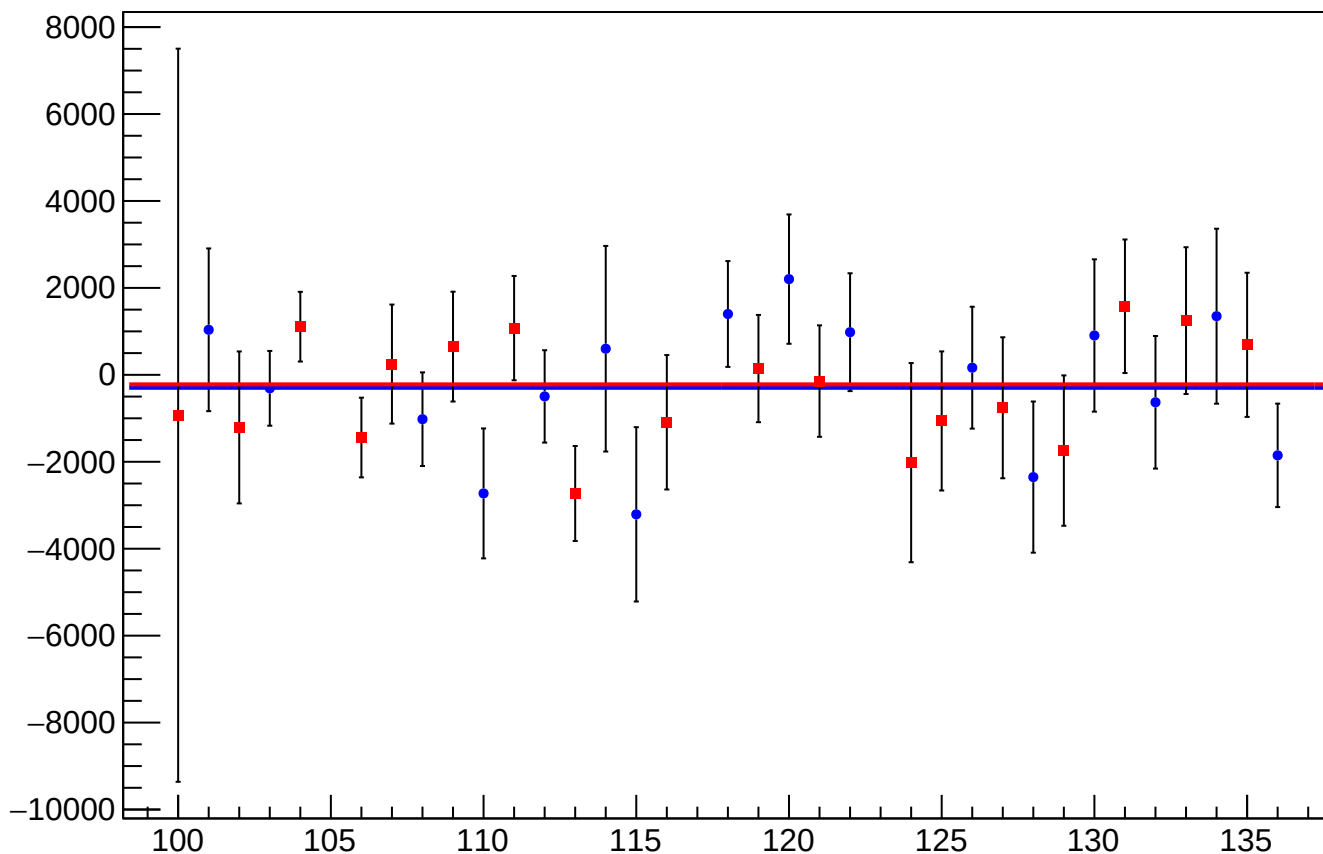
Right: 1651.137+/-0.312 χ^2/NDF : 802811.3/33

In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.137+/-0.312 χ^2/NDF : 802811.3/33

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: -218.925+/-317.893 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

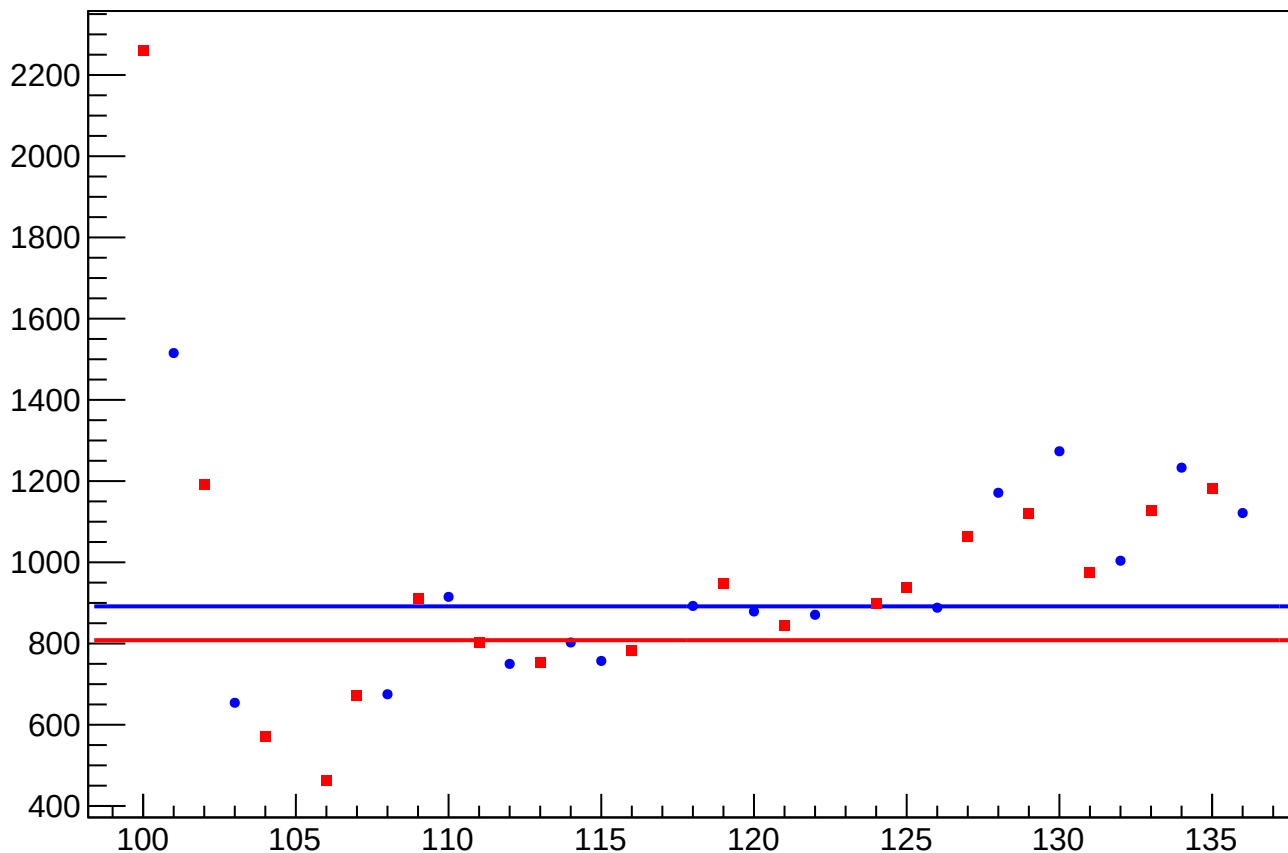
Right: -255.323+/-233.278 χ^2/NDF : 32.5/33

In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.323+/-233.278 χ^2/NDF : 32.5/33

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: 808.233+/-0.225 χ^2/NDF : 1007245.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

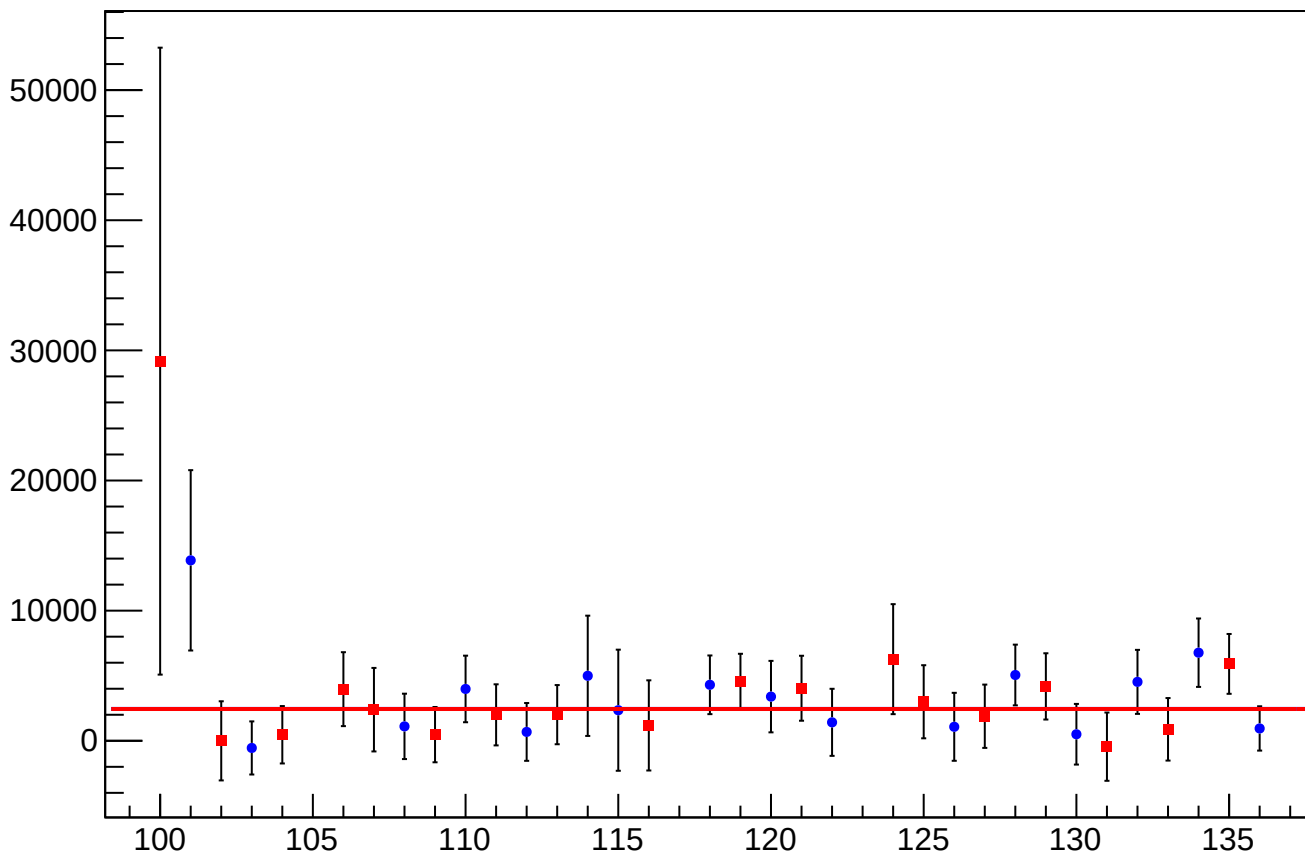
Right: 846.676+/-0.165 χ^2/NDF : 1864279.0/33

In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 846.676+/-0.165 χ^2/NDF : 1864279.0/33

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: 2442.602+/-618.717 χ^2/NDF : 10.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

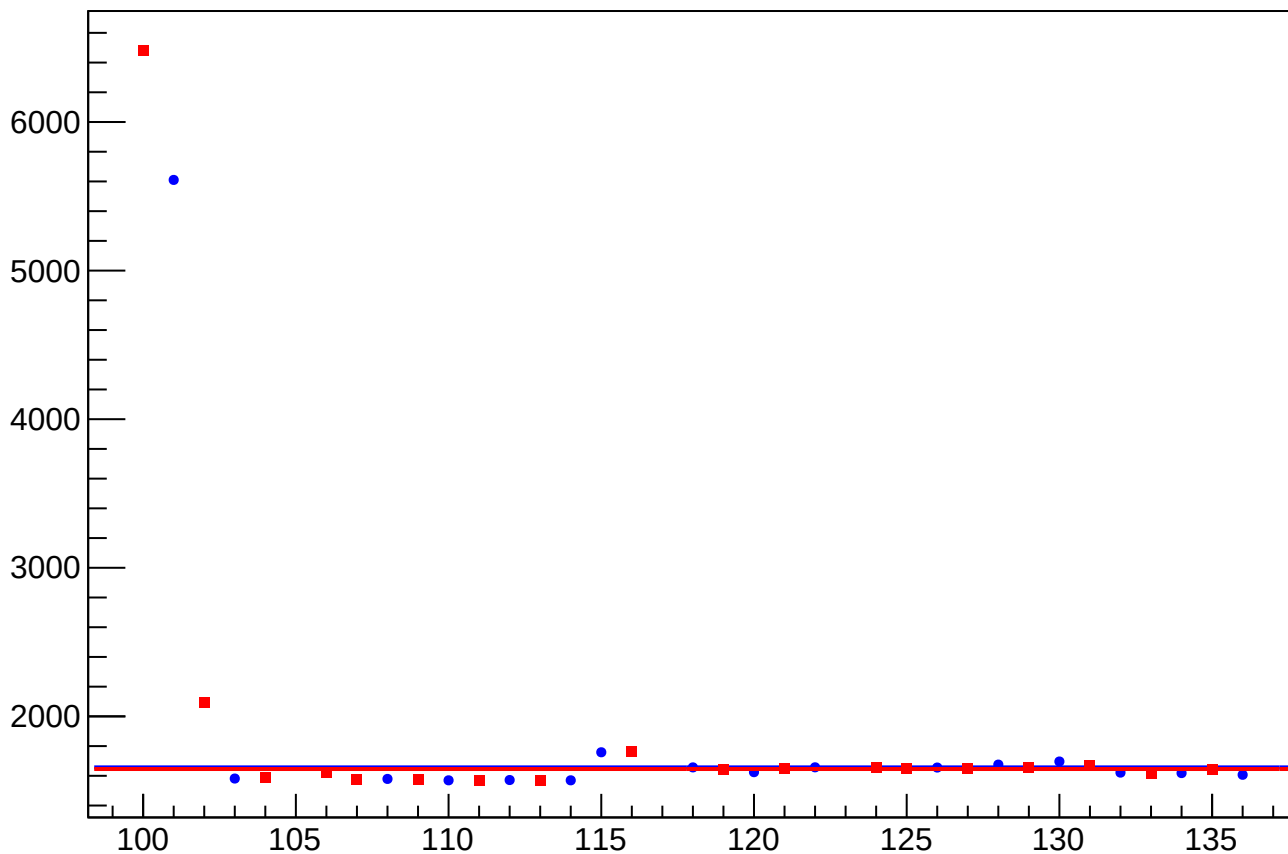
Right: 2445.937+/-441.515 χ^2/NDF : 24.6/33

In: 2449.397+/-630.235 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2445.937+/-441.515 χ^2/NDF : 24.6/33

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: 1645.792+/-0.437 χ^2/NDF : 136281.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

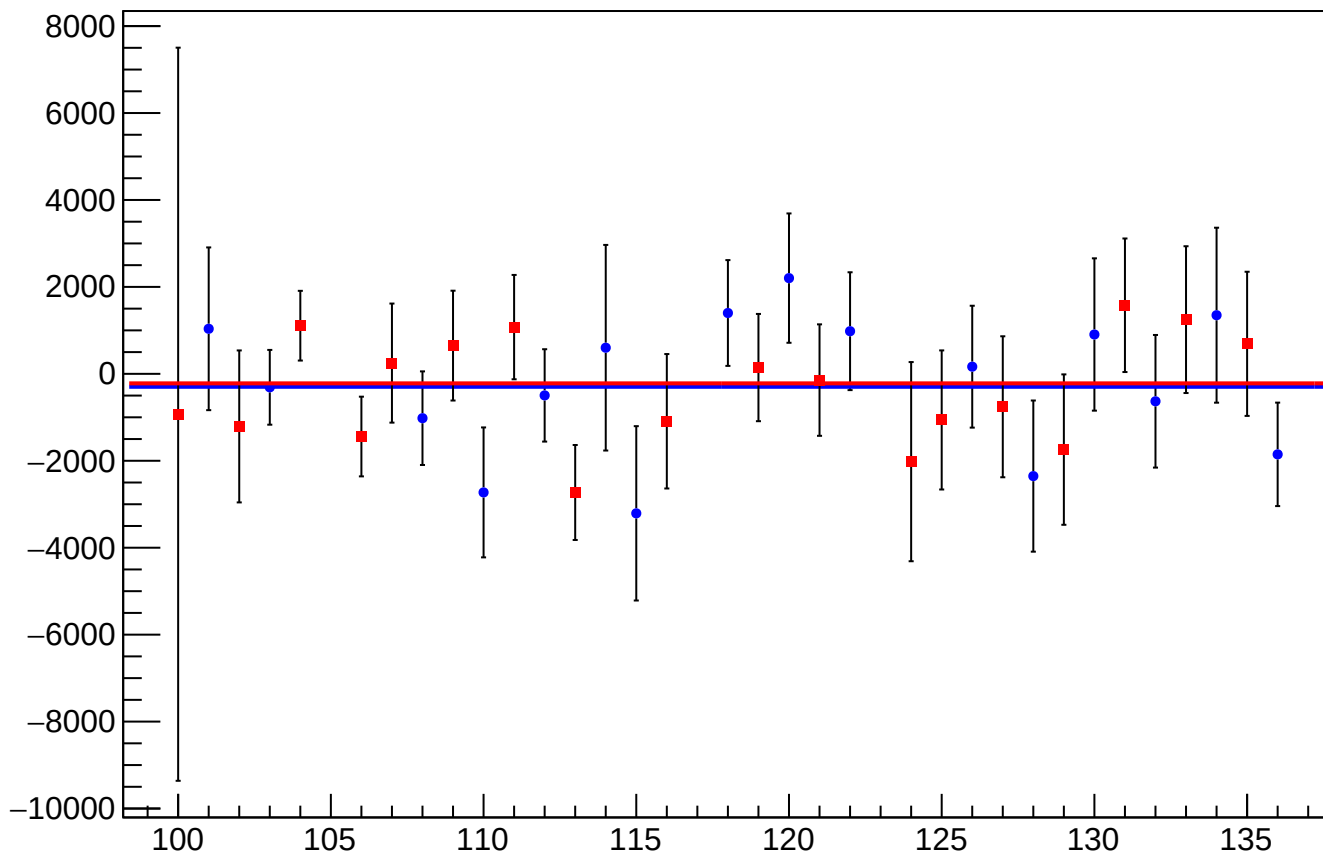
Right: 1651.137+/-0.312 χ^2/NDF : 802811.3/33

In: 1656.683+/-0.446 χ^2/NDF : 666225.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1651.137+/-0.312 χ^2/NDF : 802811.3/33

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: -218.925+/-317.893 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

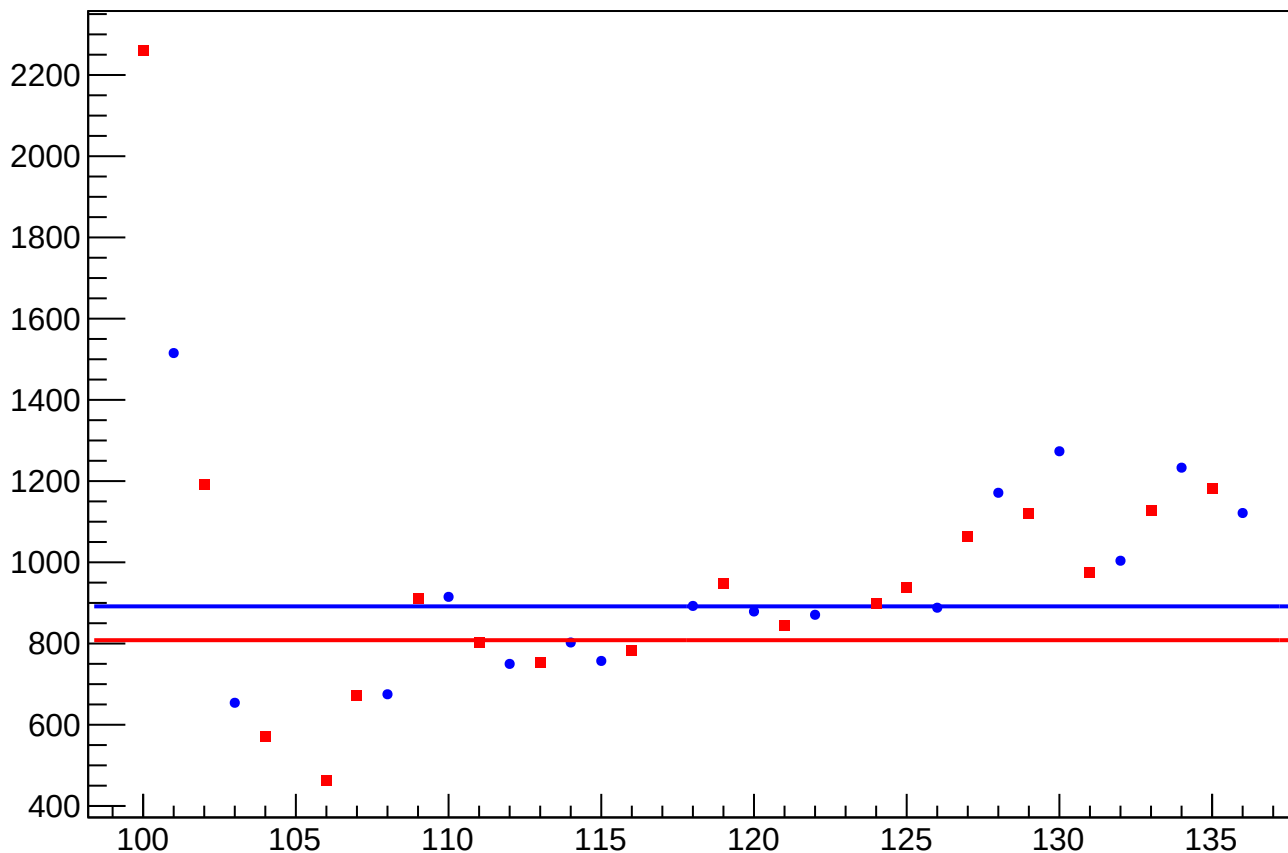
Right: -255.323+/-233.278 χ^2/NDF : 32.5/33

In: -297.794+/-343.391 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -255.323+/-233.278 χ^2/NDF : 32.5/33

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: 808.233+/-0.225 χ^2/NDF : 1007245.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

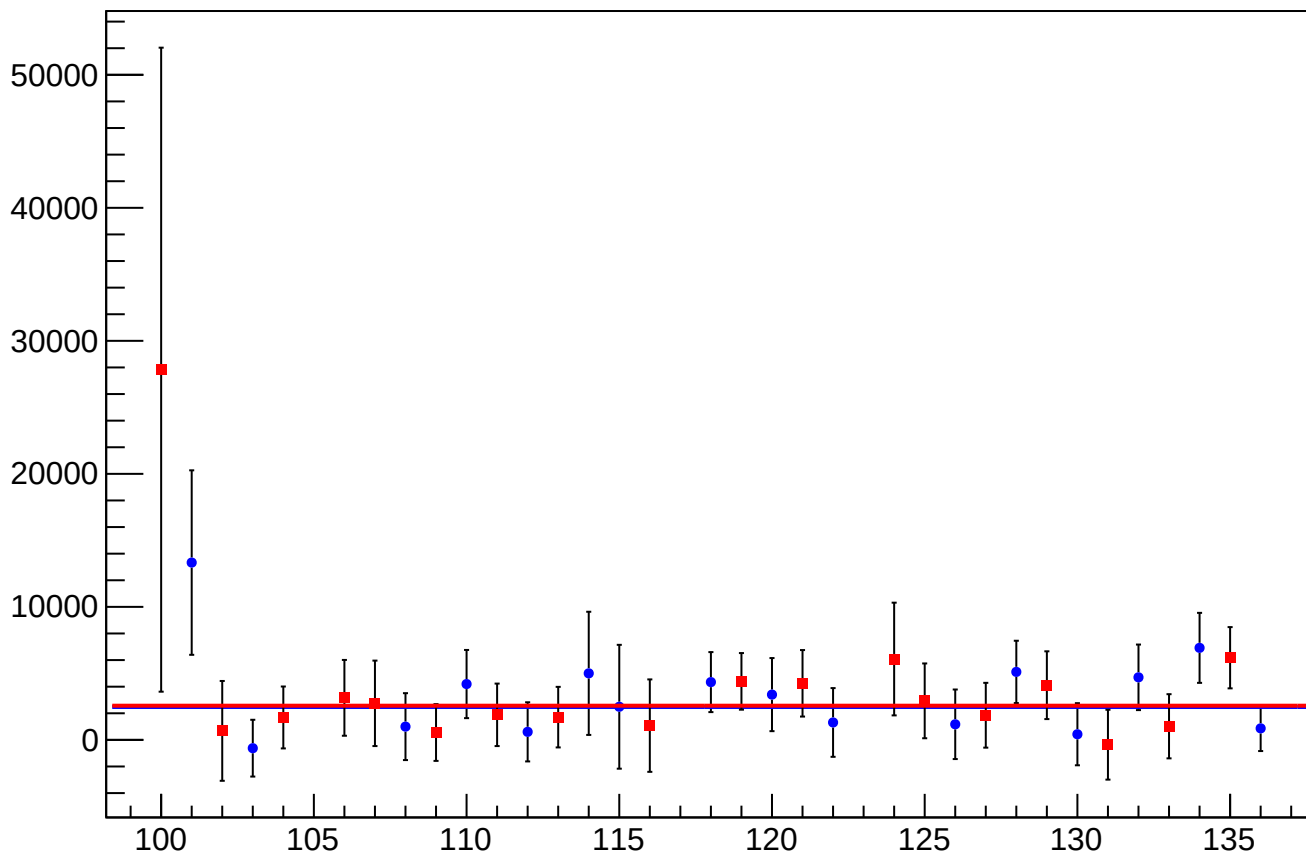
Right: 846.676+/-0.165 χ^2/NDF : 1864279.0/33

In: 891.533+/-0.243 χ^2/NDF : 793657.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 846.676+/-0.165 χ^2/NDF : 1864279.0/33

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: 2569.685+/-626.844 χ^2/NDF : 9.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

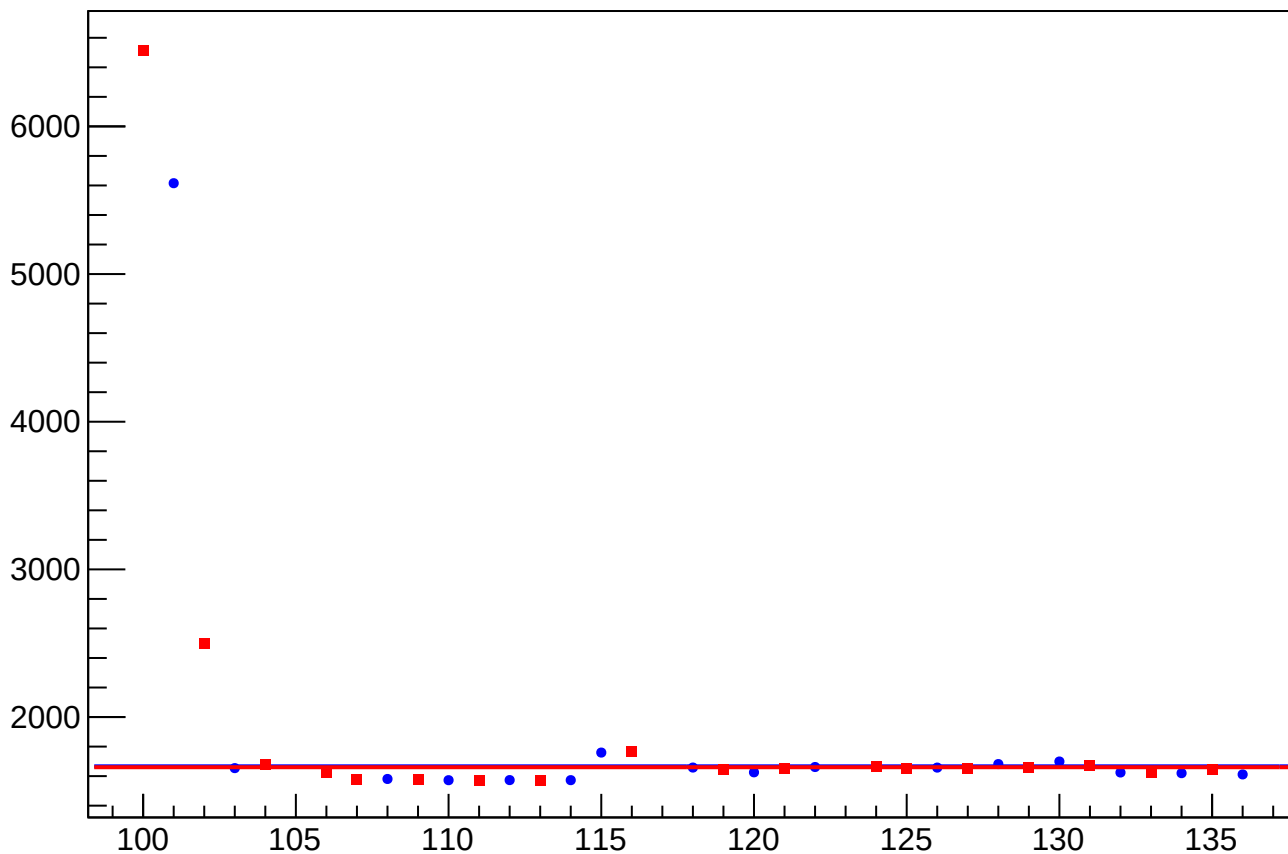
Right: 2522.983+/-445.708 χ^2/NDF : 23.5/33

In: 2475.229+/-633.866 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.983+/-445.708 χ^2/NDF : 23.5/33

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: 1660.233+/-0.443 χ^2/NDF : 192963.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

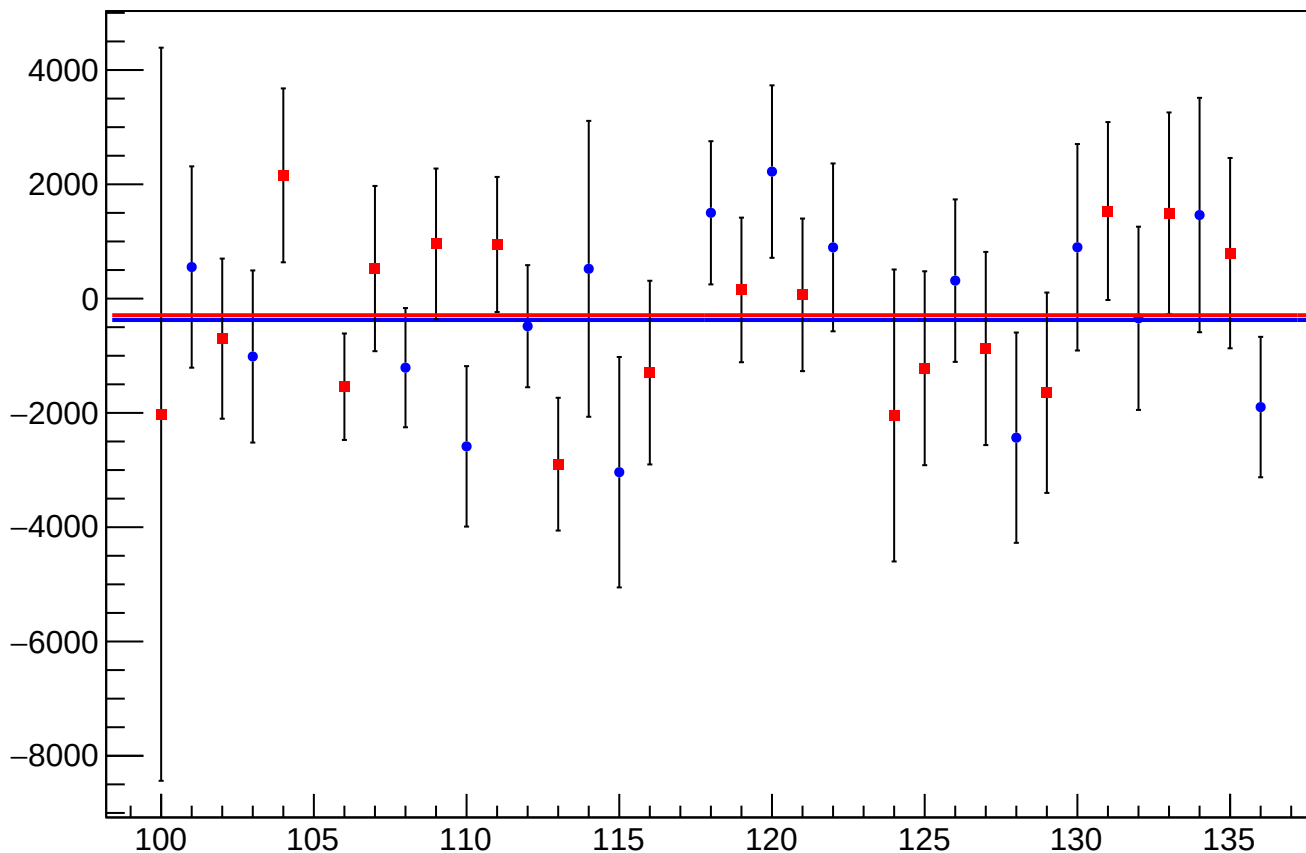
Right: 1663.282+/-0.315 χ^2/NDF : 855973.4/33

In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.282+/-0.315 χ^2/NDF : 855973.4/33

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: -290.833+/-343.533 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

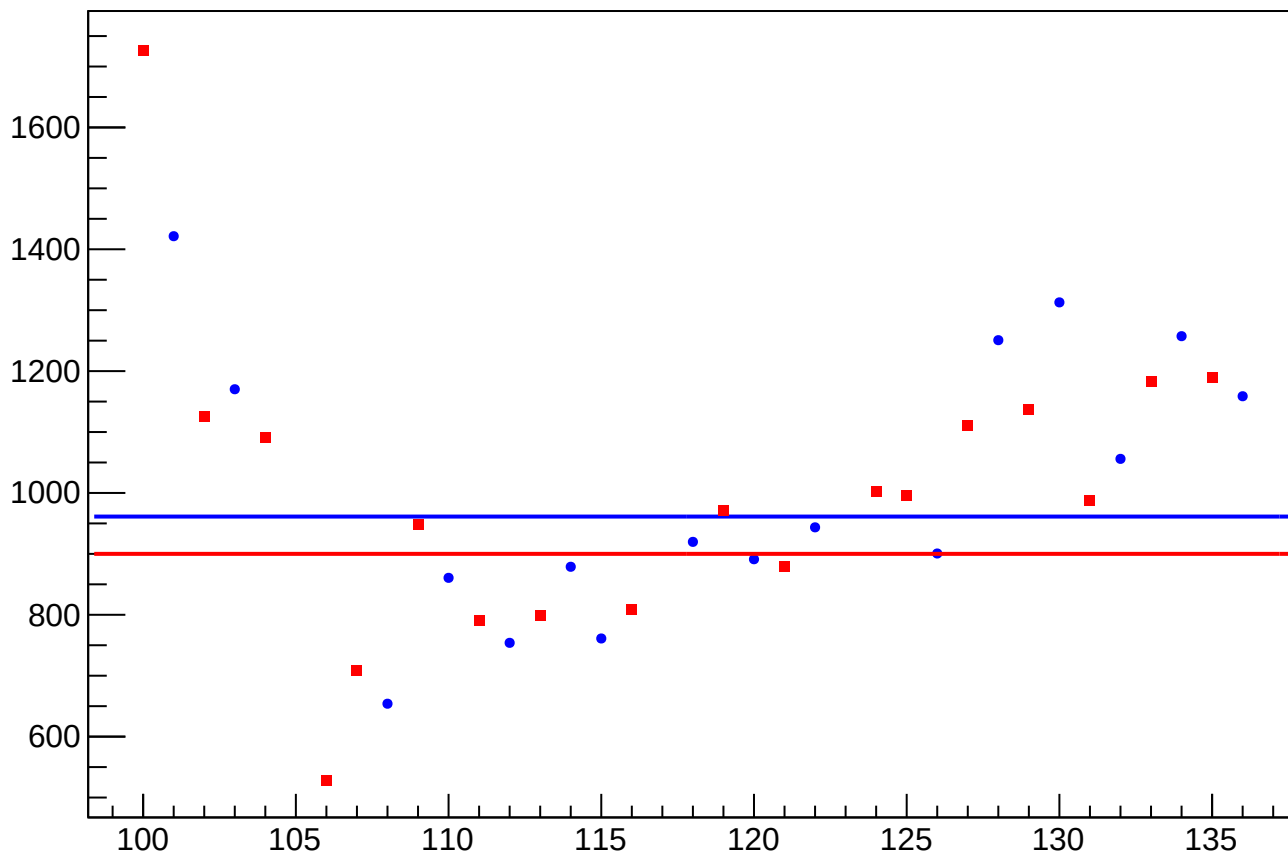
Right: -329.842+/-251.102 χ^2/NDF : 32.5/33

In: -374.592+/-367.944 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -329.842+/-251.102 χ^2/NDF : 32.5/33

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: 900.020+/-0.243 χ^2/NDF : 714165.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

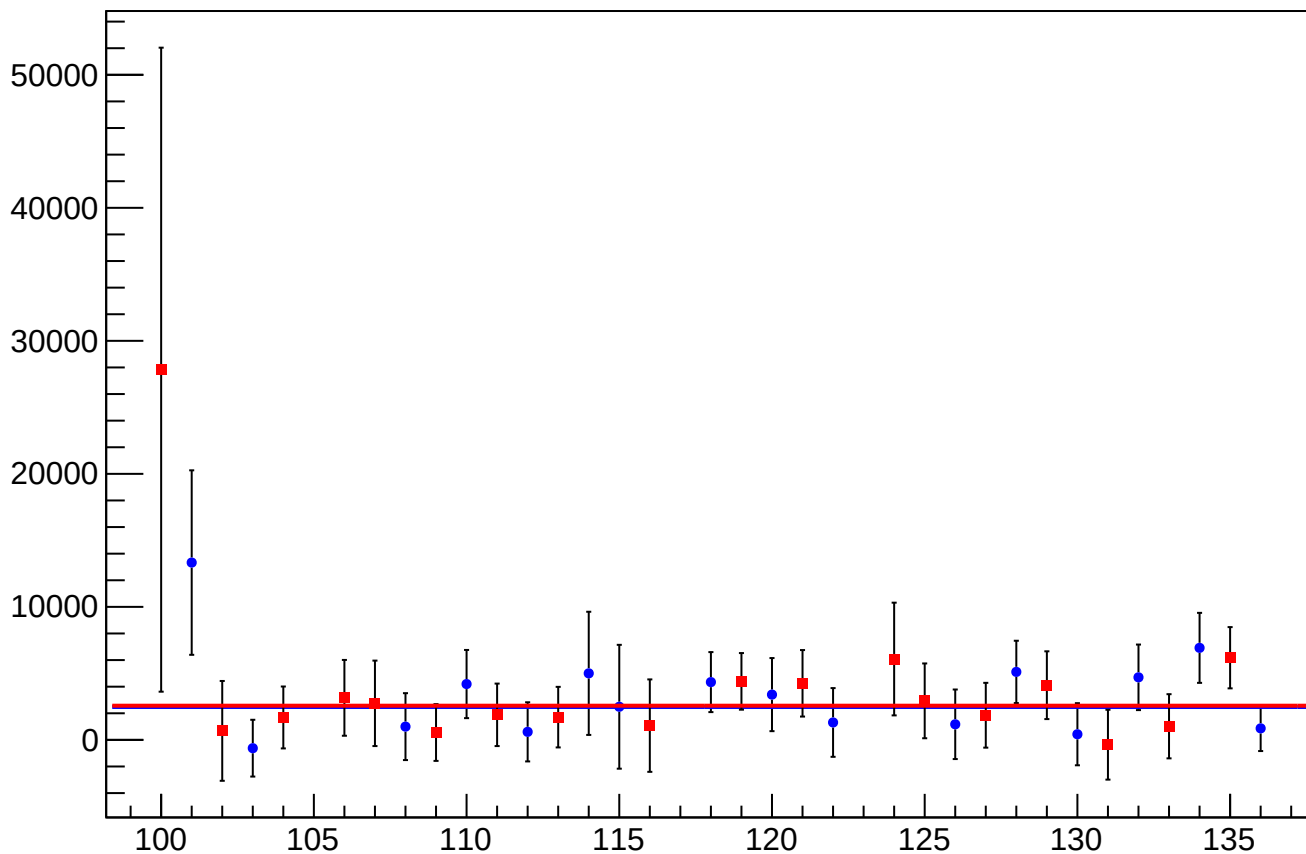
Right: 928.533+/-0.178 χ^2/NDF : 1435623.8/33

In: 961.243+/-0.260 χ^2/NDF : 691875.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 928.533+/-0.178 χ^2/NDF : 1435623.8/33

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: 2569.685+/-626.844 χ^2/NDF : 9.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

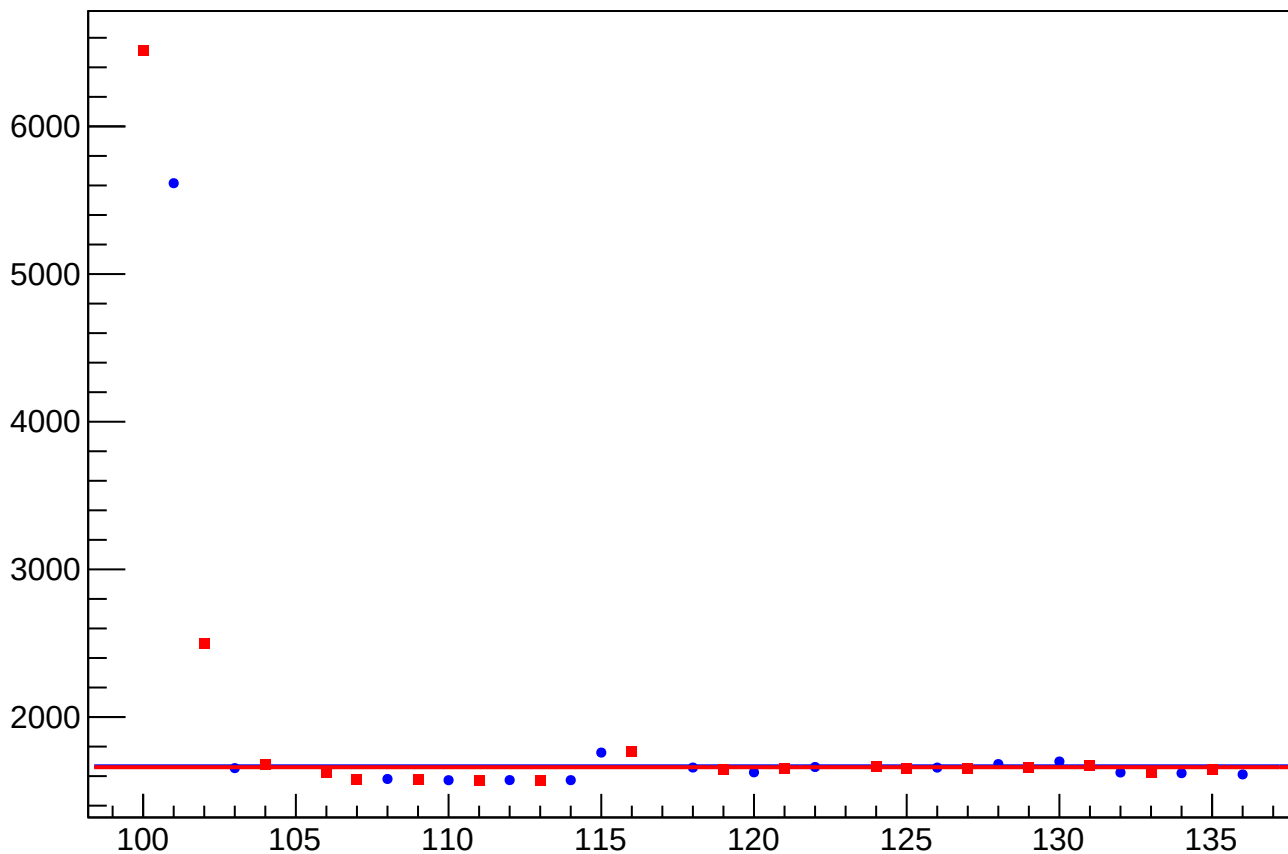
Right: 2522.983+/-445.707 χ^2/NDF : 23.5/33

In: 2475.228+/-633.866 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.983+/-445.707 χ^2/NDF : 23.5/33

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: 1660.233+/-0.443 χ^2/NDF : 192963.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

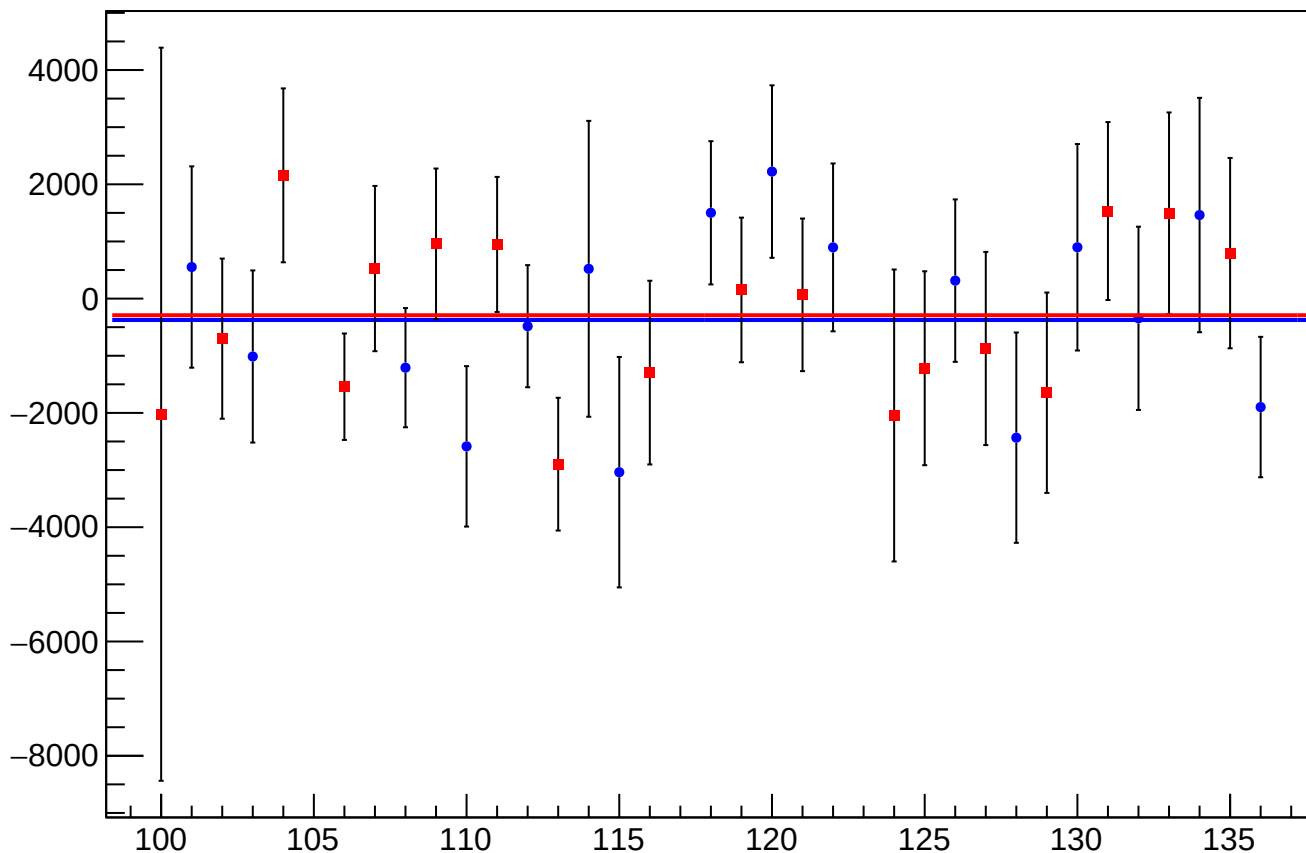
Right: 1663.282+/-0.315 χ^2/NDF : 855973.2/33

In: 1666.400+/-0.448 χ^2/NDF : 662914.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1663.282+/-0.315 χ^2/NDF : 855973.2/33

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: -290.833+/-343.532 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

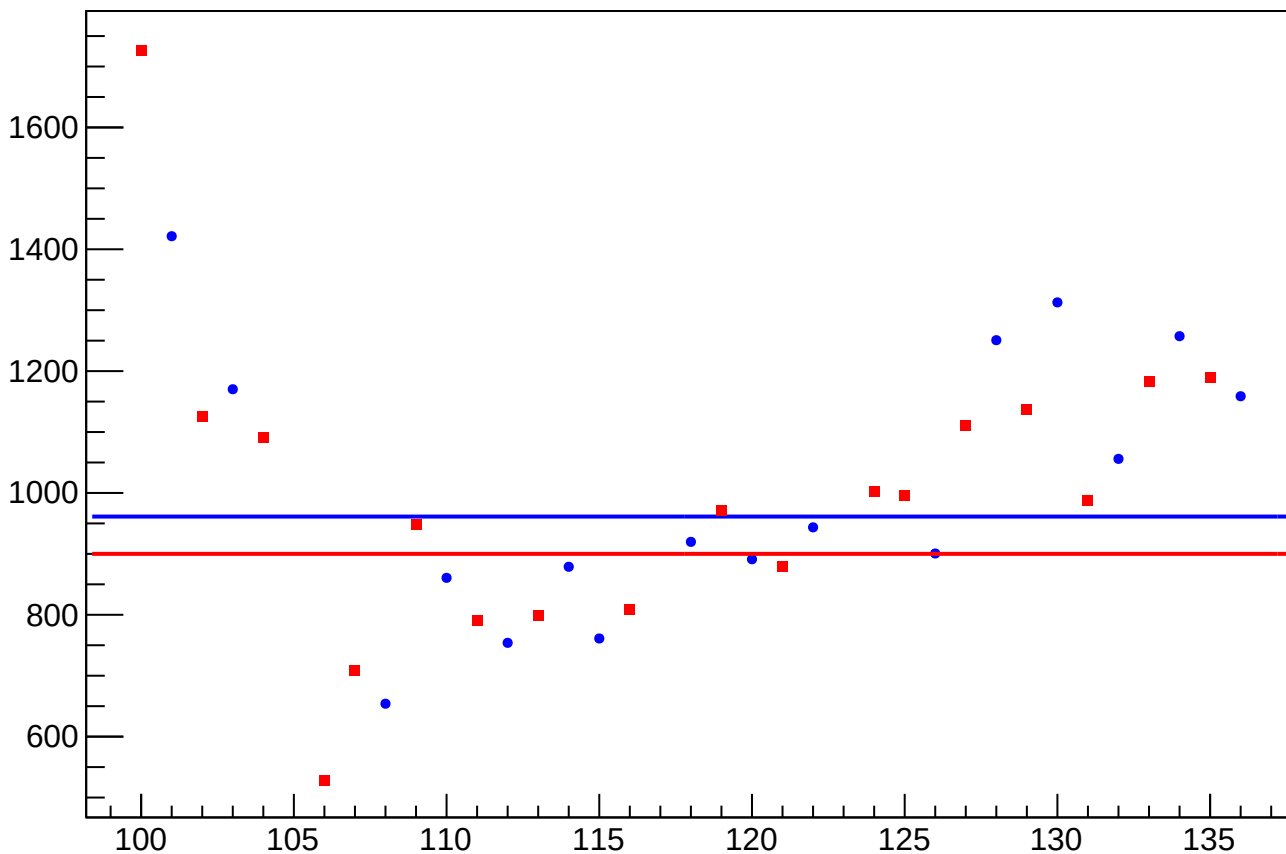
Right: -329.841+/-251.101 χ^2 /NDF: 32.5/33

In: -374.590+/-367.943 χ^2 /NDF:15.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -329.841+/-251.101 χ^2 /NDF: 32.5/33

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: 900.018+/-0.243 χ^2/NDF : 714161.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

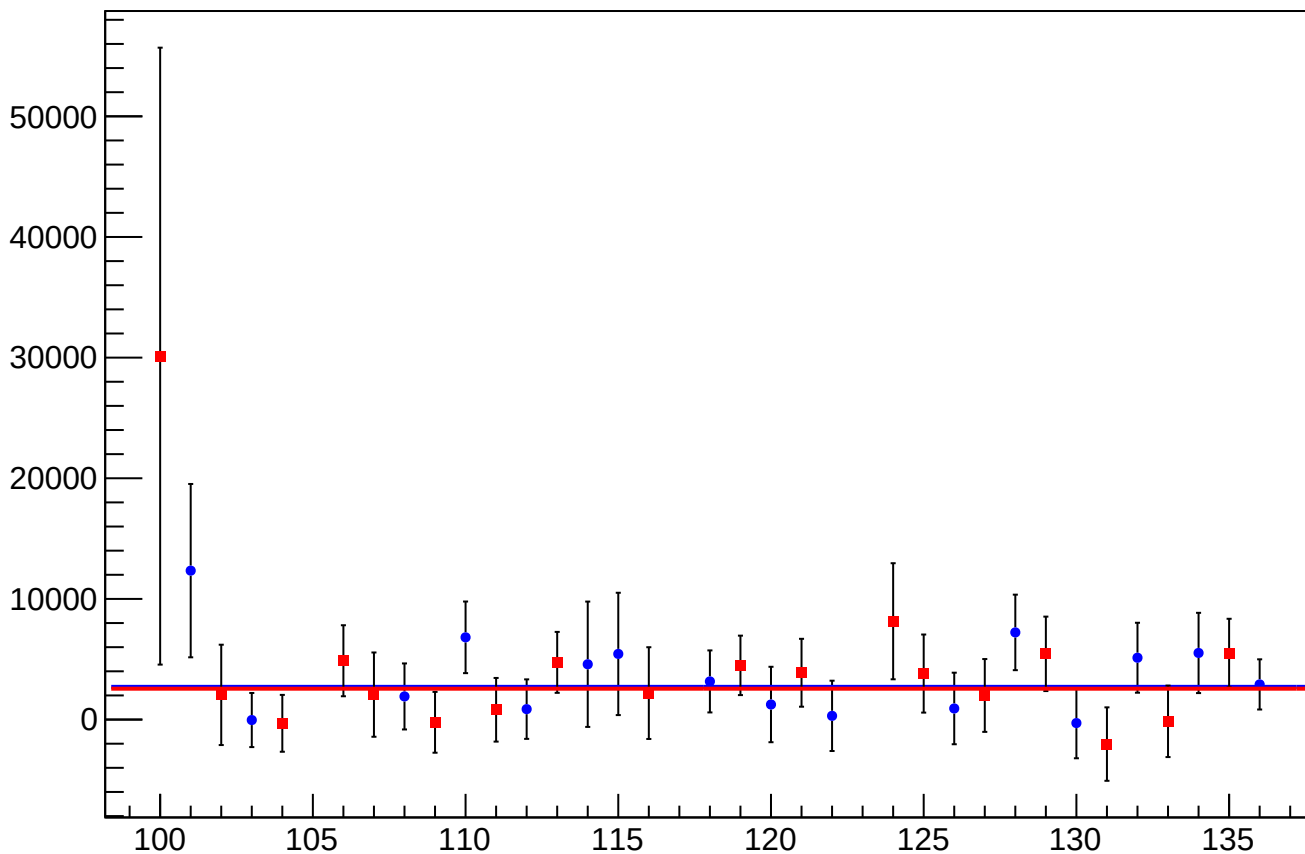
Right: 928.530+/-0.178 χ^2/NDF : 1435627.3/33

In: 961.239+/-0.260 χ^2/NDF : 691883.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 928.530+/-0.178 χ^2/NDF : 1435627.3/33

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: 2559.350+/-715.302 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

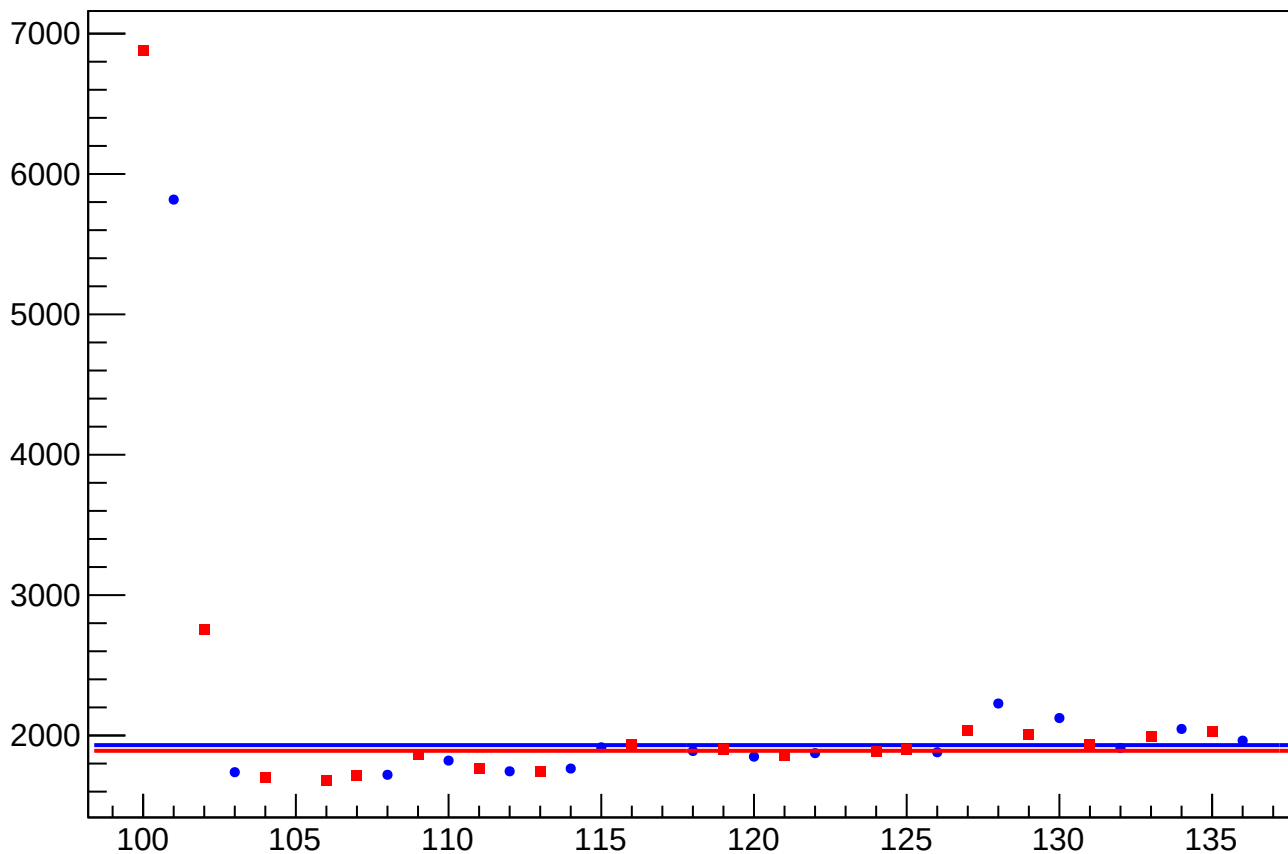
Right: 2633.298+/-512.647 χ^2/NDF : 25.3/33

In: 2711.394+/-735.088 χ^2/NDF : 12.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2633.298+/-512.647 χ^2/NDF : 25.3/33

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: 1891.013+/-0.506 χ^2/NDF : 218772.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

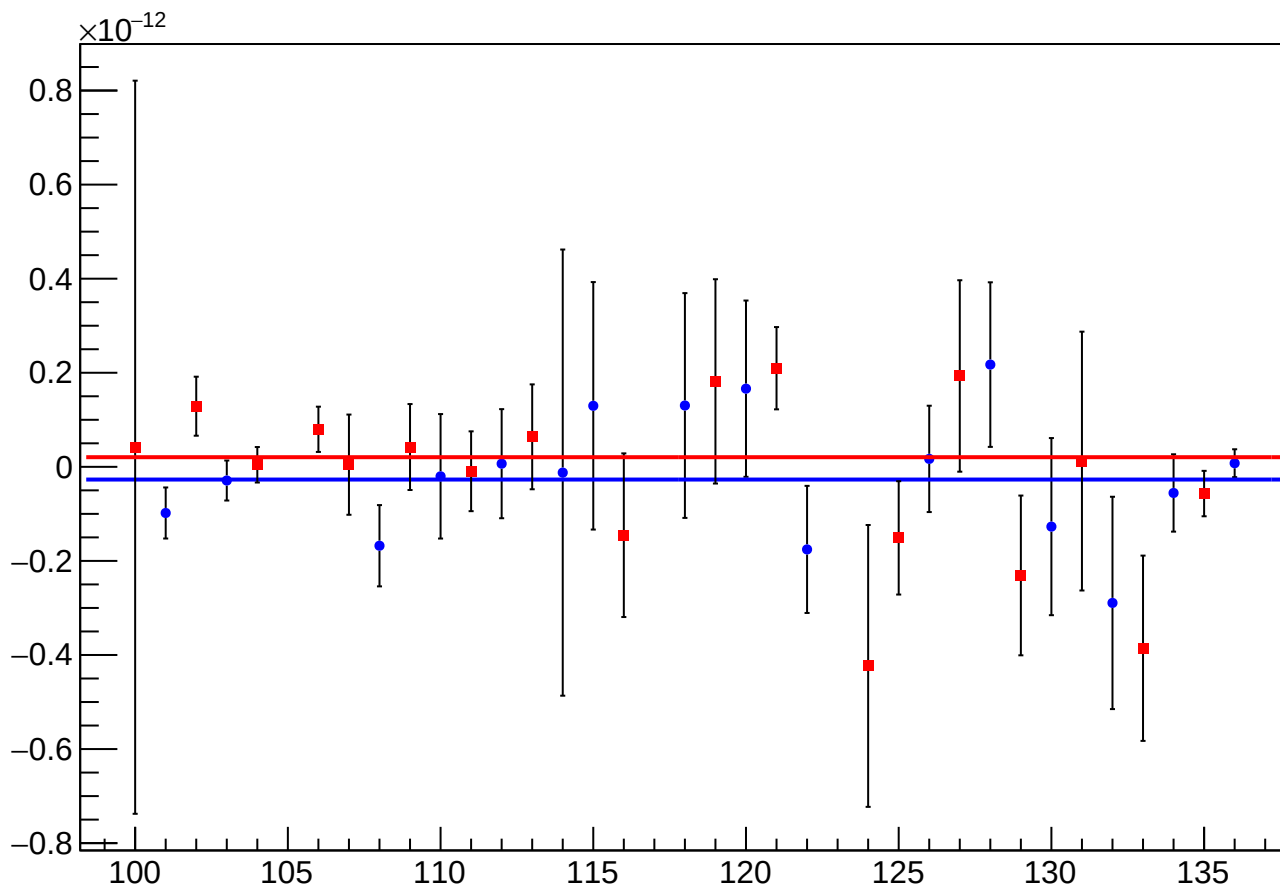
Right: 1910.583+/-0.362 χ^2/NDF : 883077.9/33

In: 1931.250+/-0.520 χ^2/NDF : 661227.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1910.583+/-0.362 χ^2/NDF : 883077.9/33

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 : 25.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

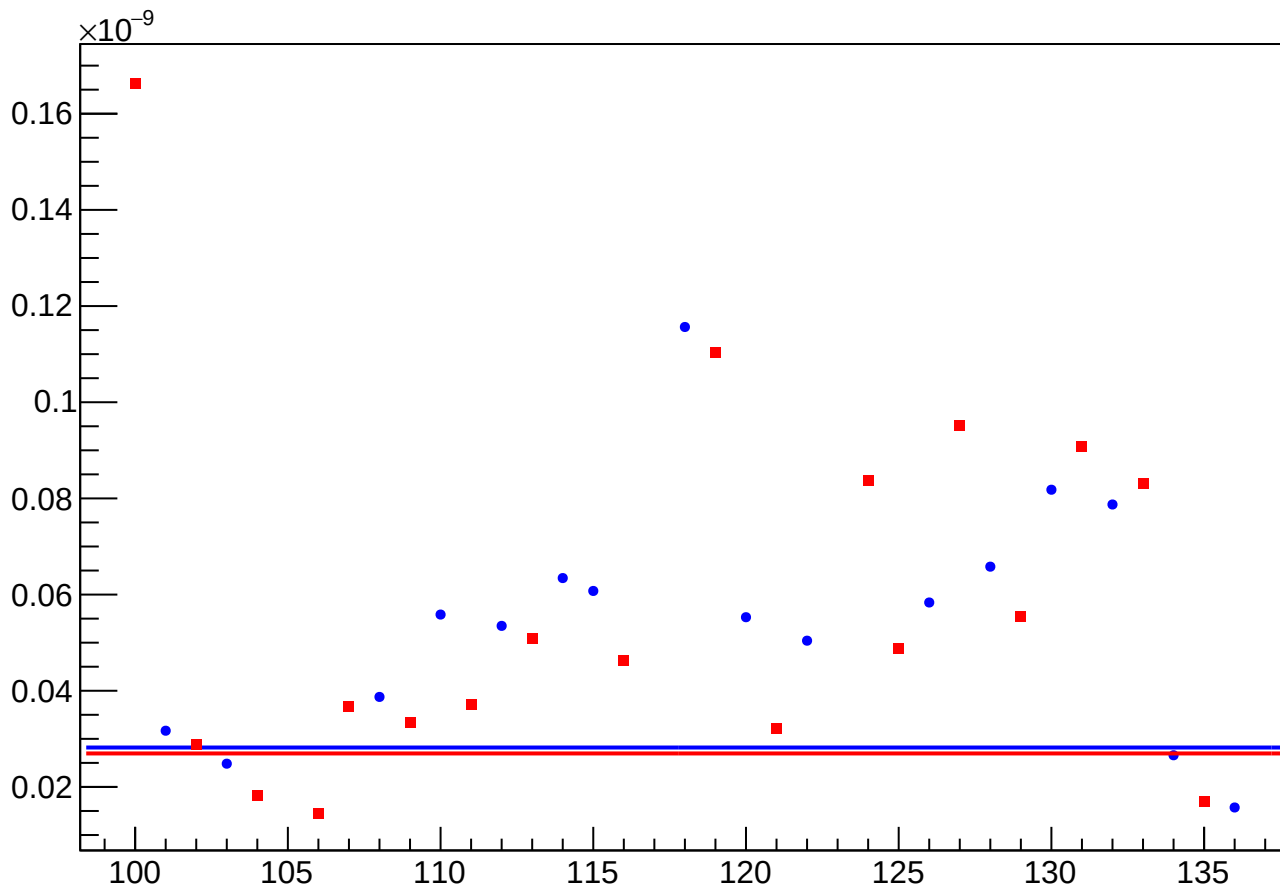
Right: -0.000+/-0.000 χ^2/NDF : 40.9/33

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 : 40.9/33

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 : 1555626.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

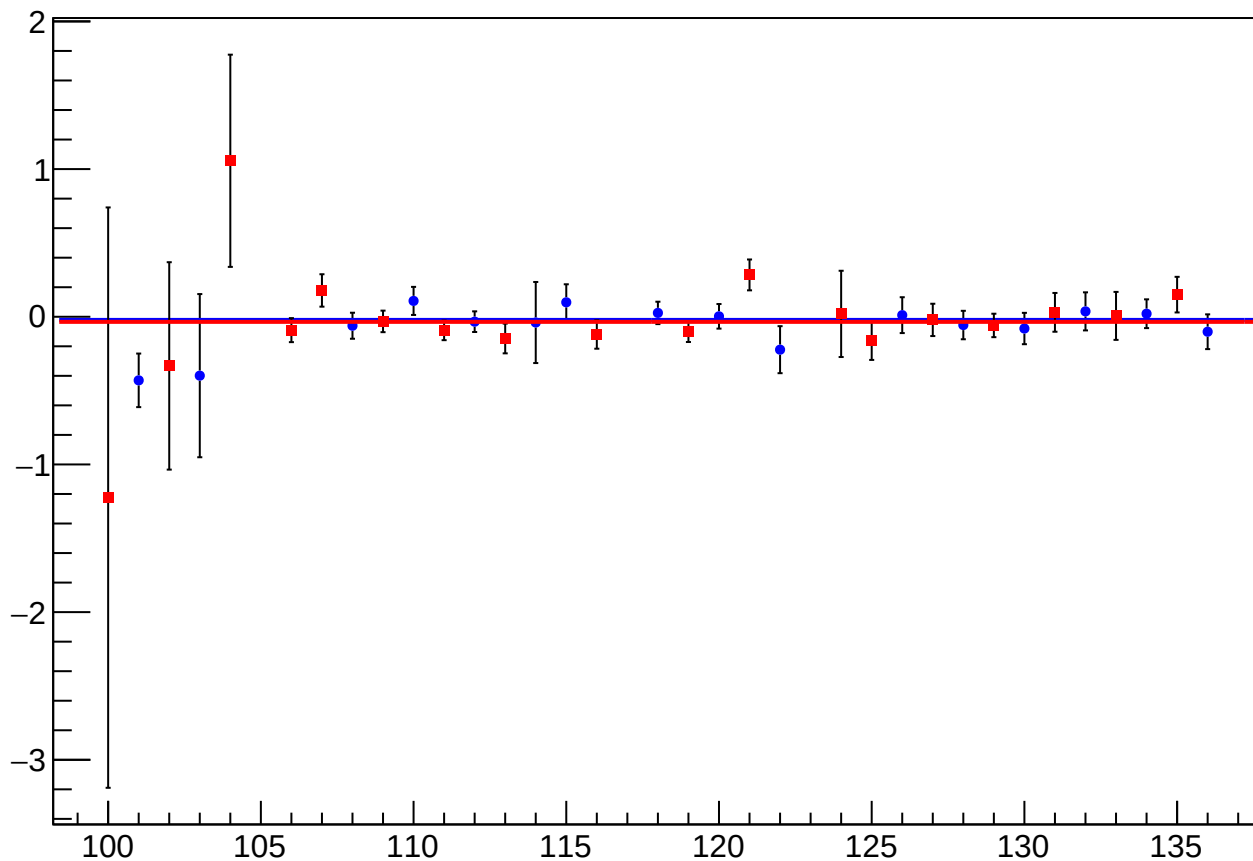
Right: 0.000+/-0.000 χ^2/NDF : 3050258.0/33

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 : 3050258.0/33

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: -0.034 ± 0.025 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

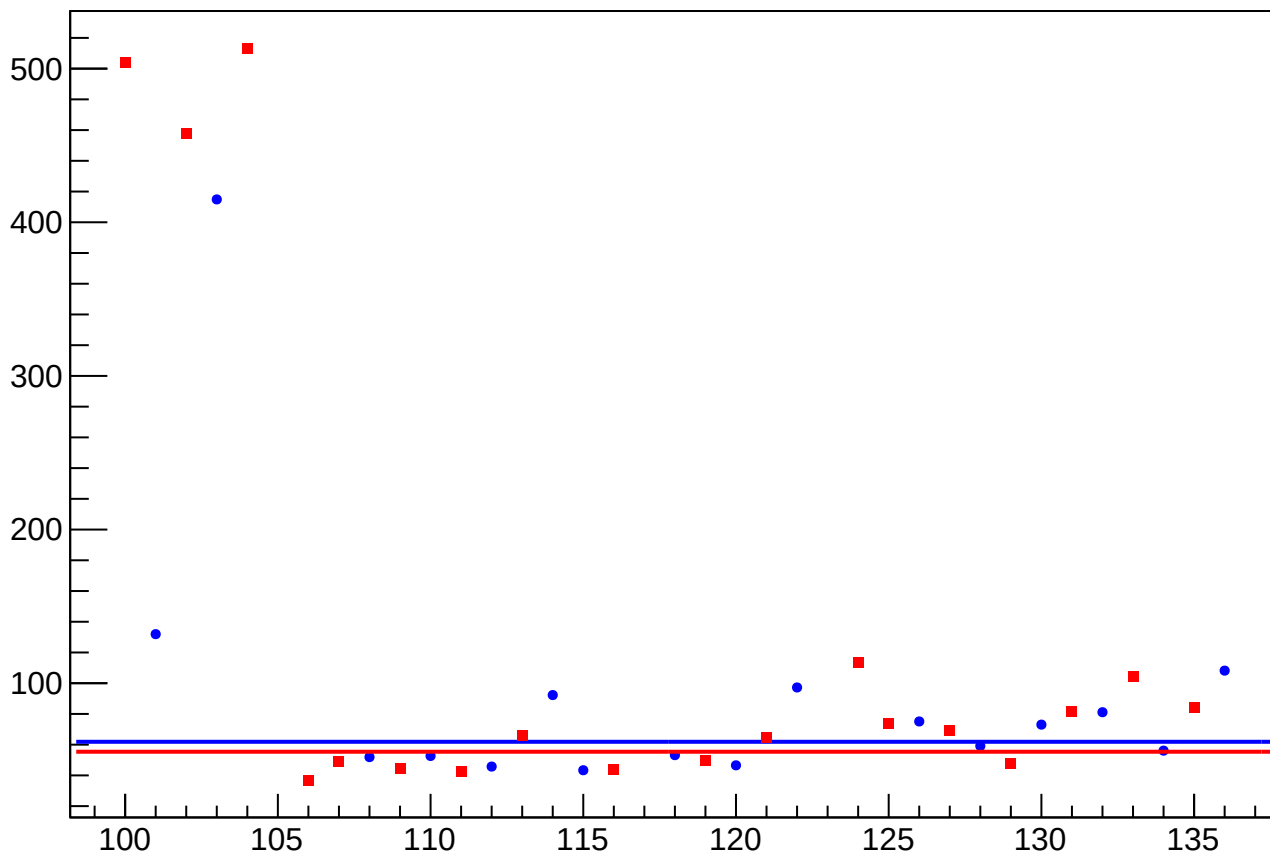
Right: -0.028 ± 0.018 χ^2/NDF : 36.1/33

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 : 36.1/33

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: 55.400+/-0.017 χ^2/NDF : 2434446.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

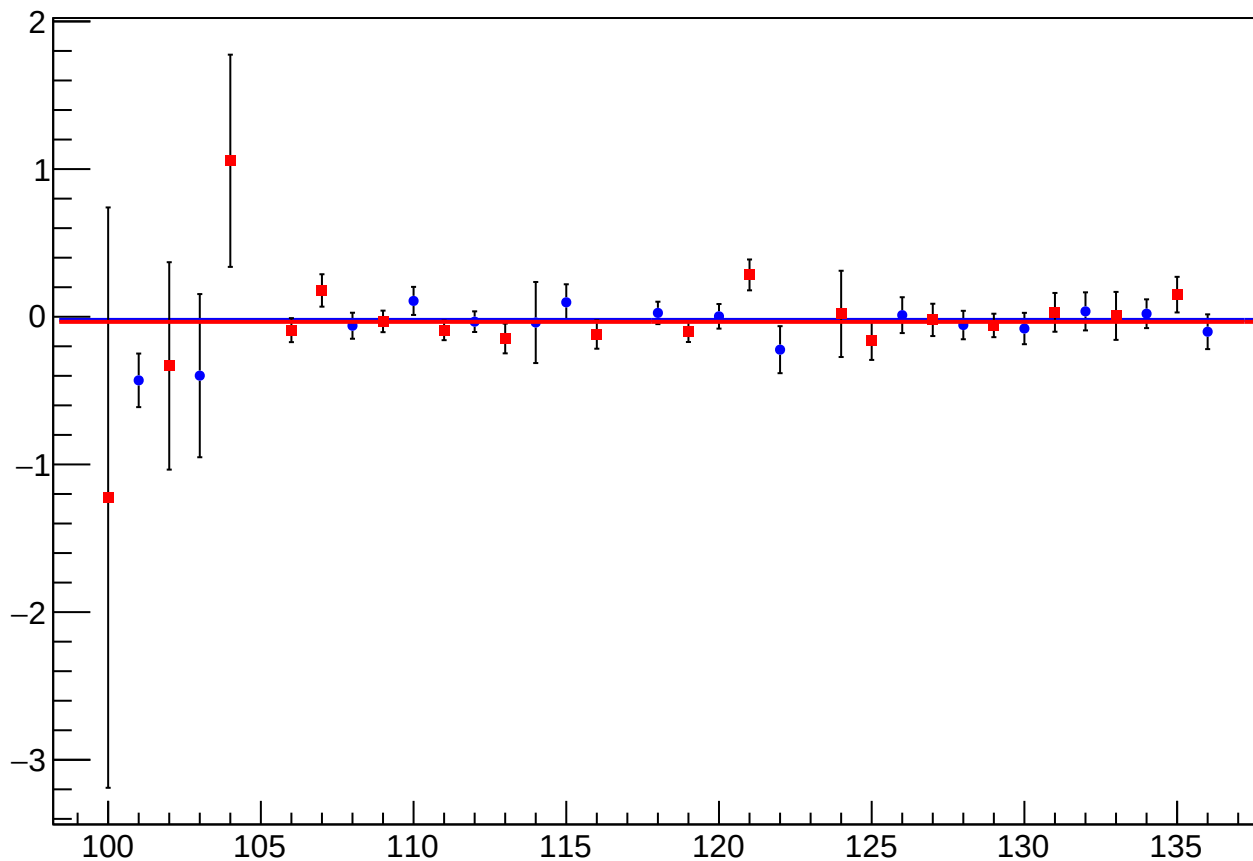
Right: 58.397+/-0.013 χ^2/NDF : 4436288.9/33

In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.397+/-0.013 χ^2/NDF : 4436288.9/33

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: -0.034 ± 0.025 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

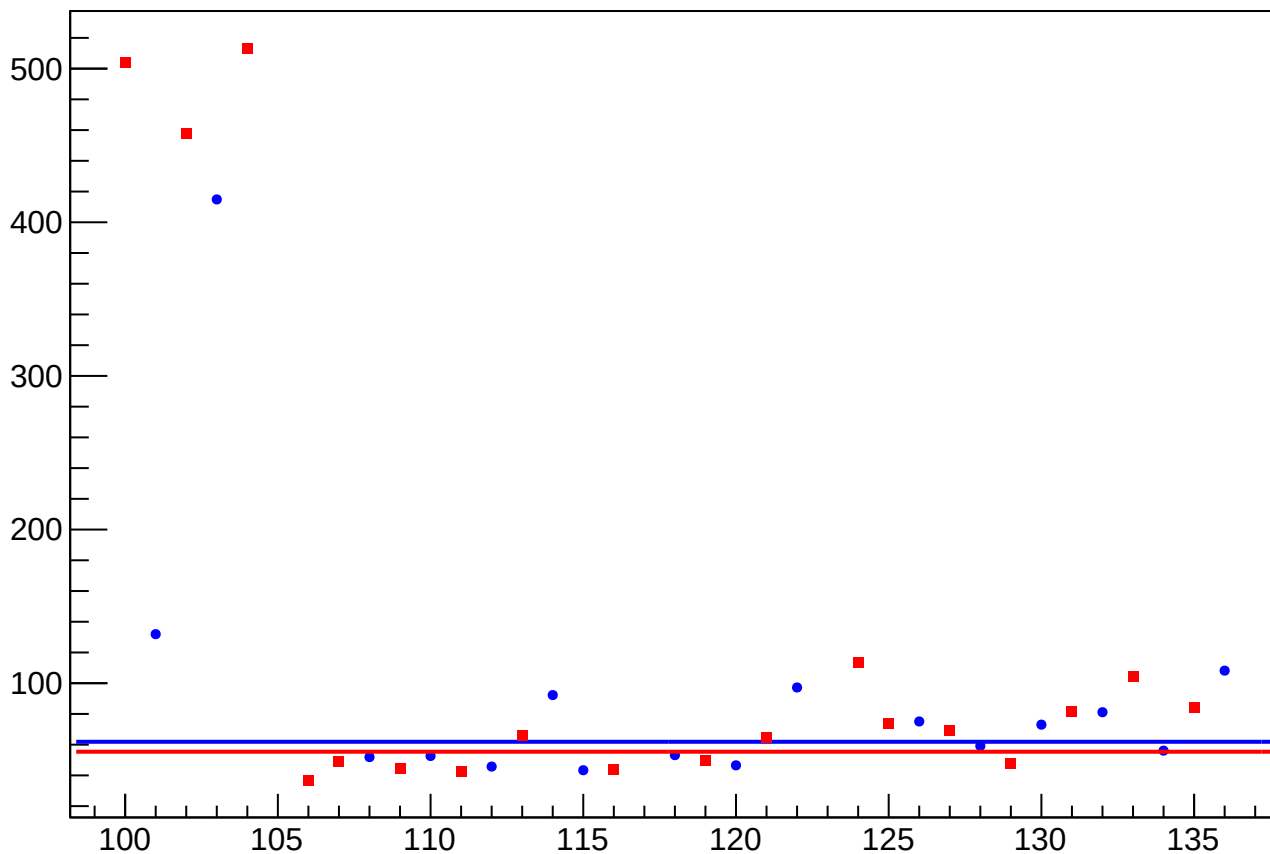
Right: -0.028 ± 0.018 χ^2/NDF : 36.1/33

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 : 36.1/33

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: 55.400+/-0.017 χ^2/NDF : 2434446.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

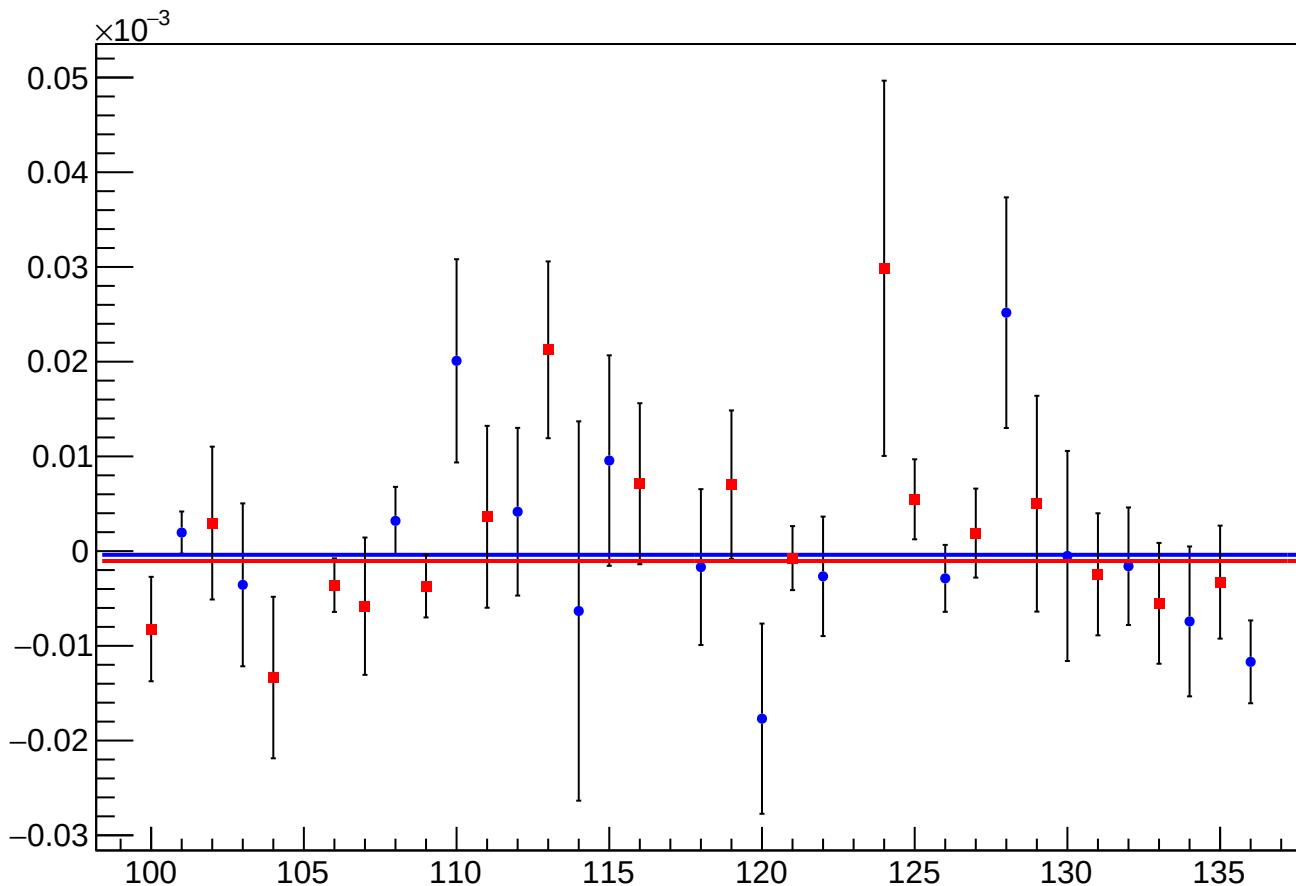
Right: 58.397+/-0.013 χ^2/NDF : 4436288.9/33

In: 61.876+/-0.019 χ^2/NDF : 1937953.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.397+/-0.013 χ^2/NDF : 4436288.9/33

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 : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

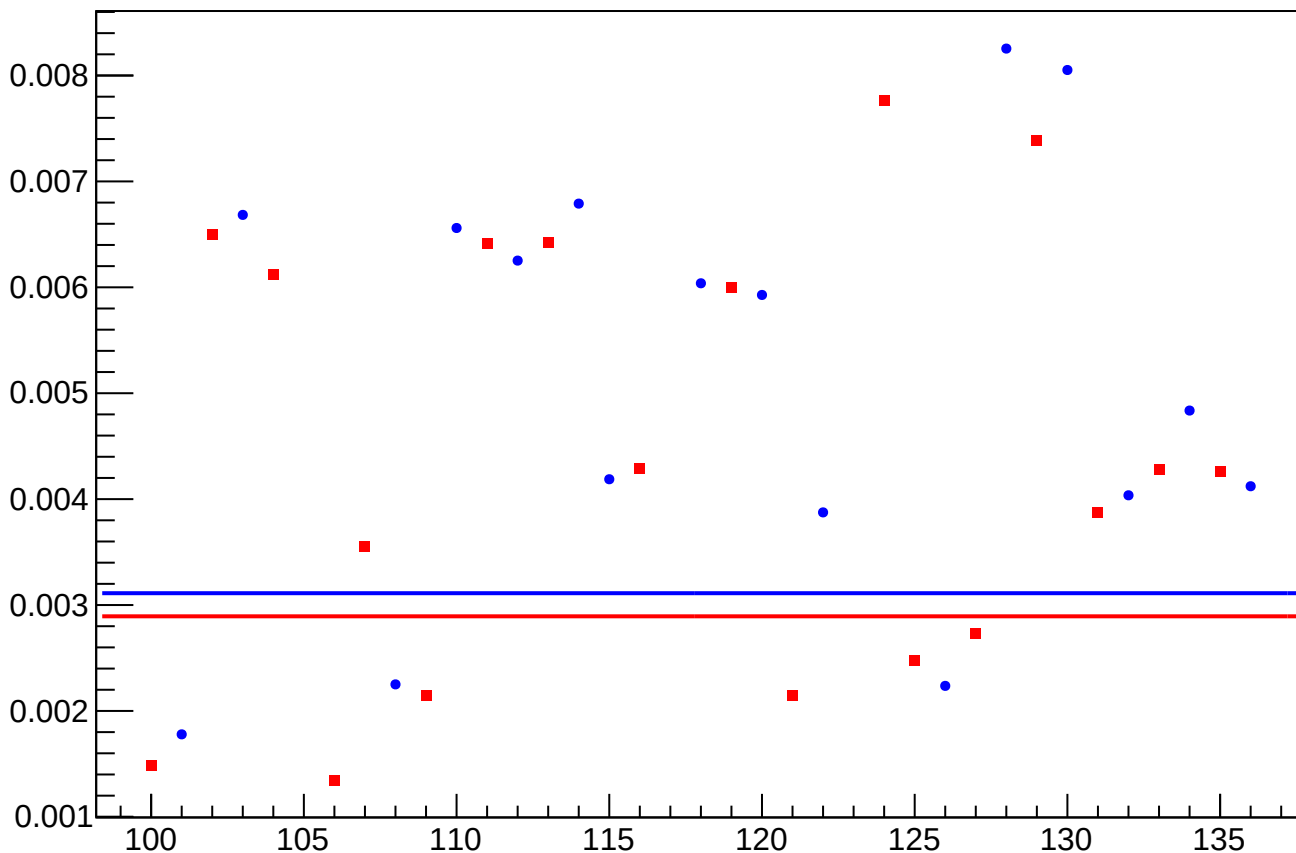
Right: -0.000+/-0.000 χ^2/NDF : 42.7/33

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 : 42.7/33

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 : 3255998.4/17

Left In: 0.000+/-0.000

χ^2/NDF :0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 6568183.7/33

In: 0.003+/-0.000

χ^2/NDF :3283915.1/15

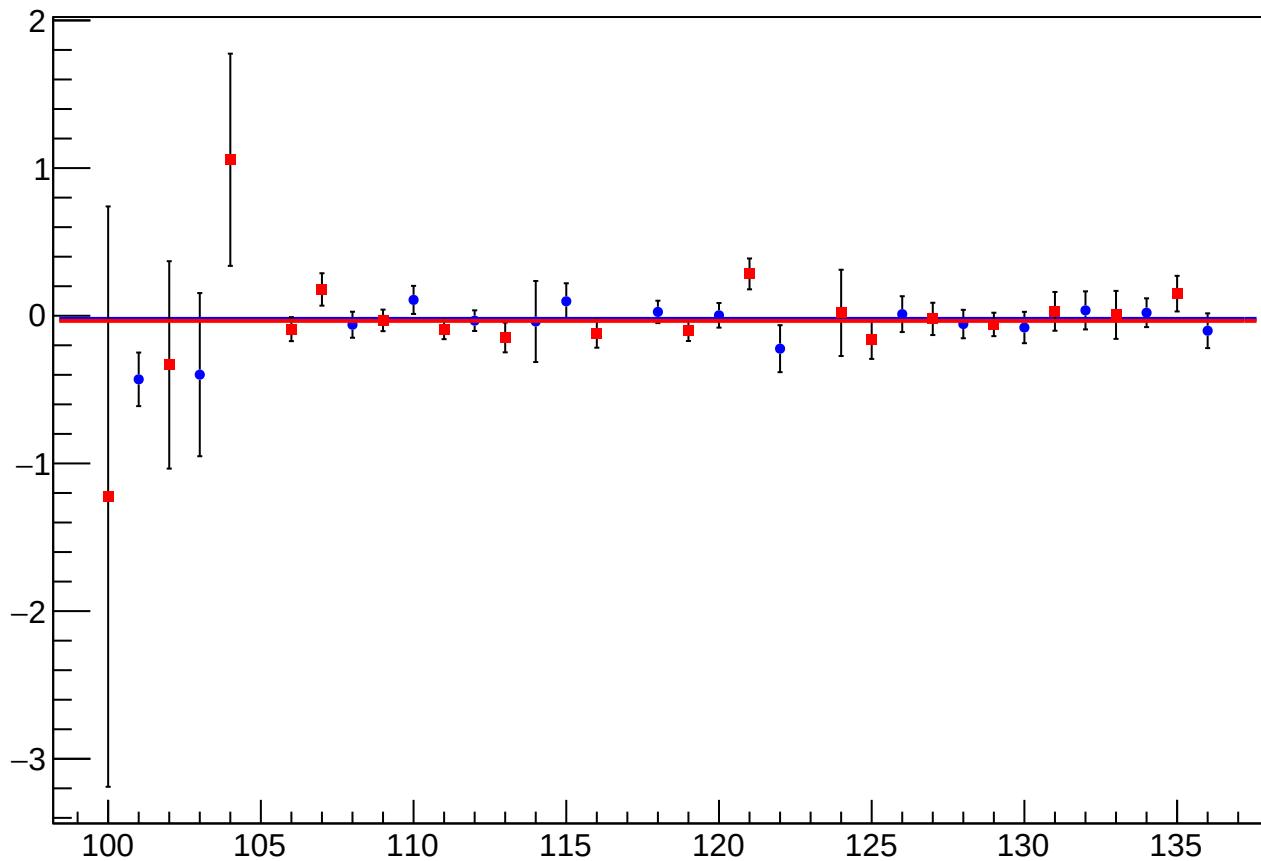
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.003+/-0.000

χ^2/NDF : 6568183.7/33

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: -0.034 ± 0.025 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

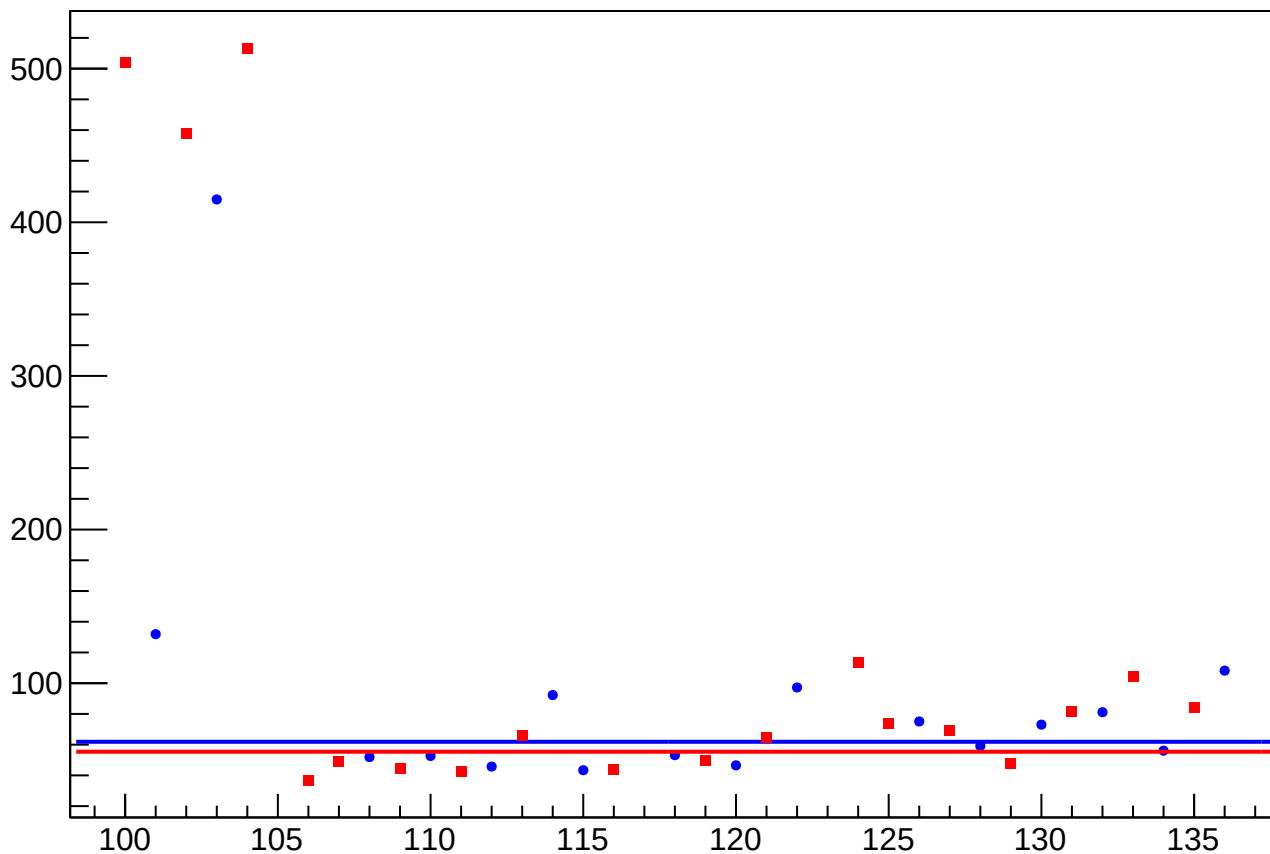
Right: -0.028 ± 0.018 χ^2/NDF : 36.1/33

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 : 36.1/33

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: 55.400+/-0.017 χ^2/NDF : 2434402.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

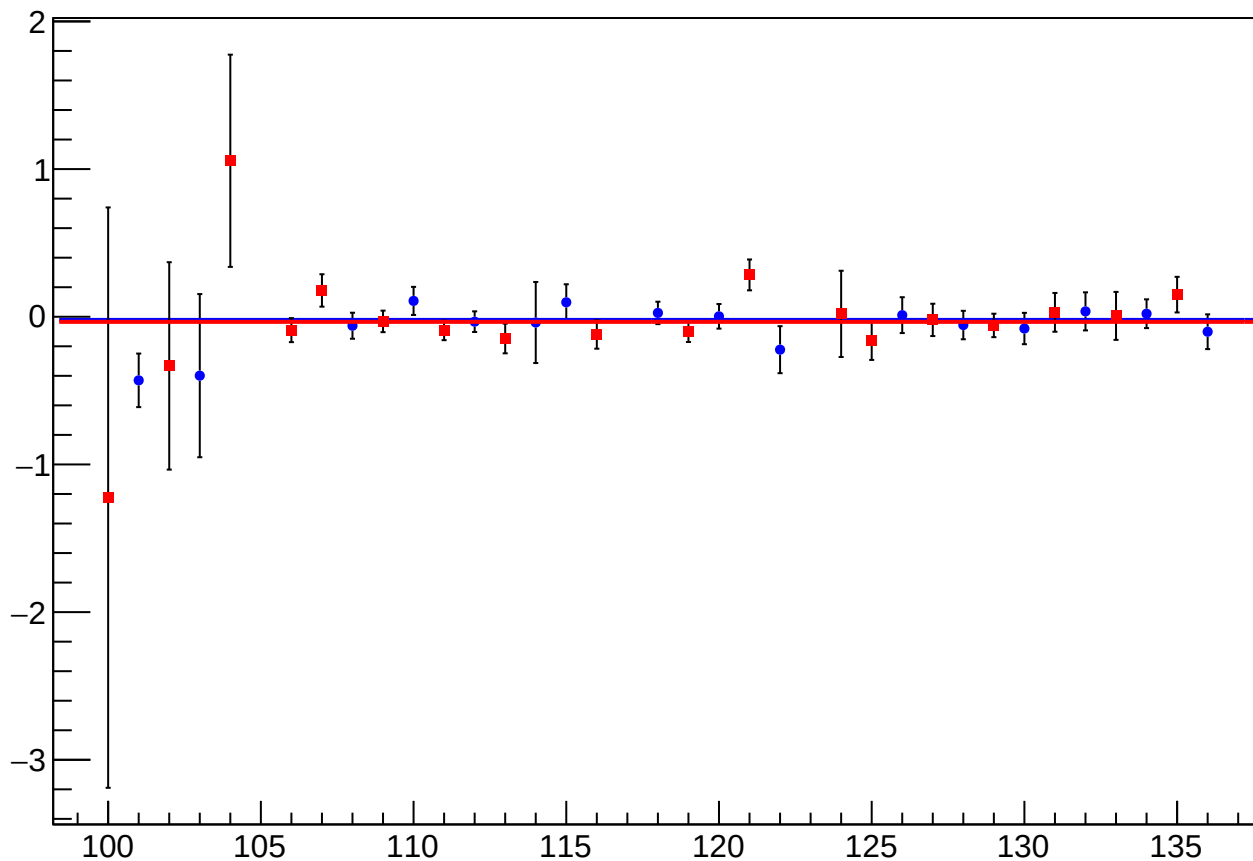
Right: 58.396+/-0.013 χ^2/NDF : 4436200.1/33

In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.396+/-0.013 χ^2/NDF : 4436200.1/33

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: -0.034 ± 0.025 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

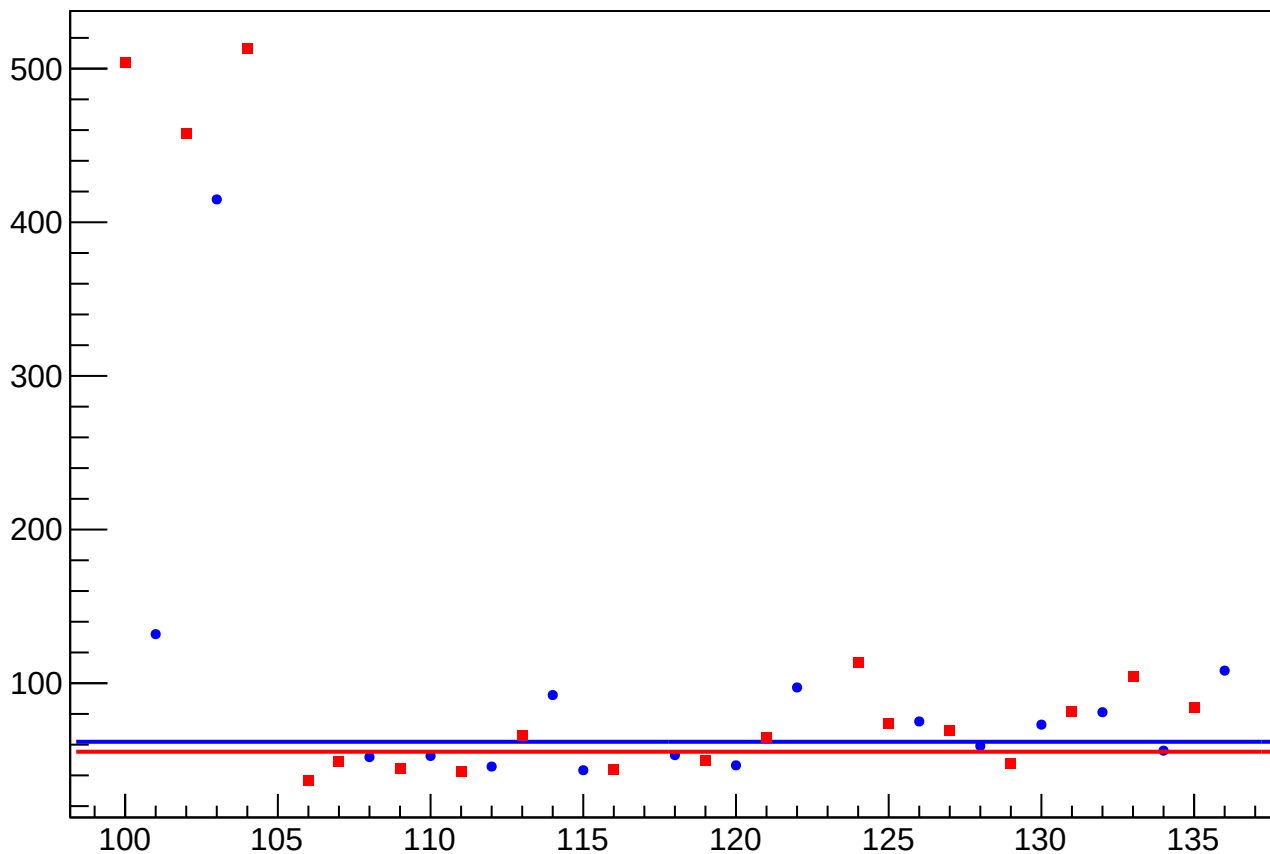
Right: -0.028 ± 0.018 χ^2/NDF : 36.1/33

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 : 36.1/33

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: 55.400+/-0.017 χ^2/NDF : 2434402.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

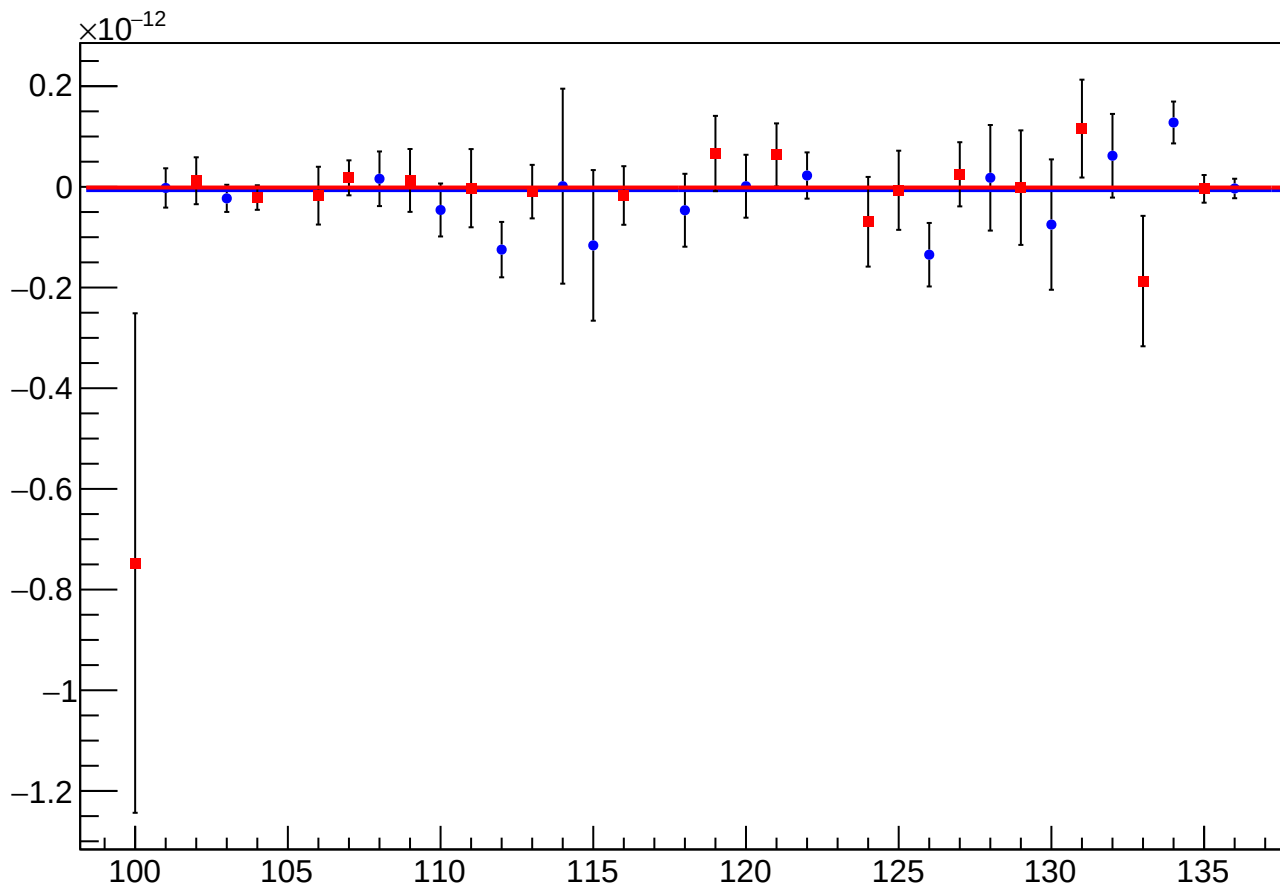
Right: 58.396+/-0.013 χ^2/NDF : 4436200.1/33

In: 61.875+/-0.019 χ^2/NDF : 1937904.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.396+/-0.013 χ^2/NDF : 4436200.1/33

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: 9.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

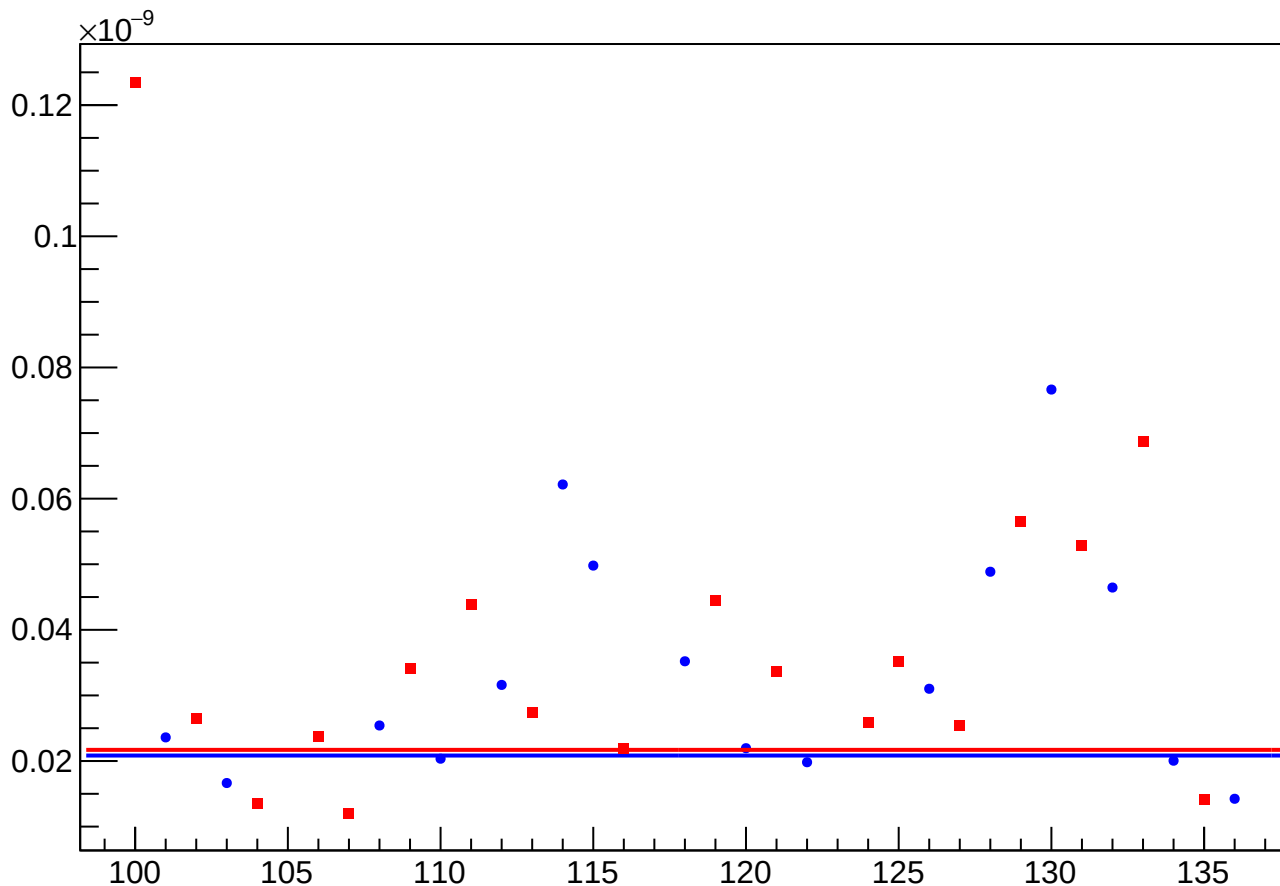
Right: -0.000+/-0.000 χ^2 /NDF: 32.4/33

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: 32.4/33

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 : 1886582.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

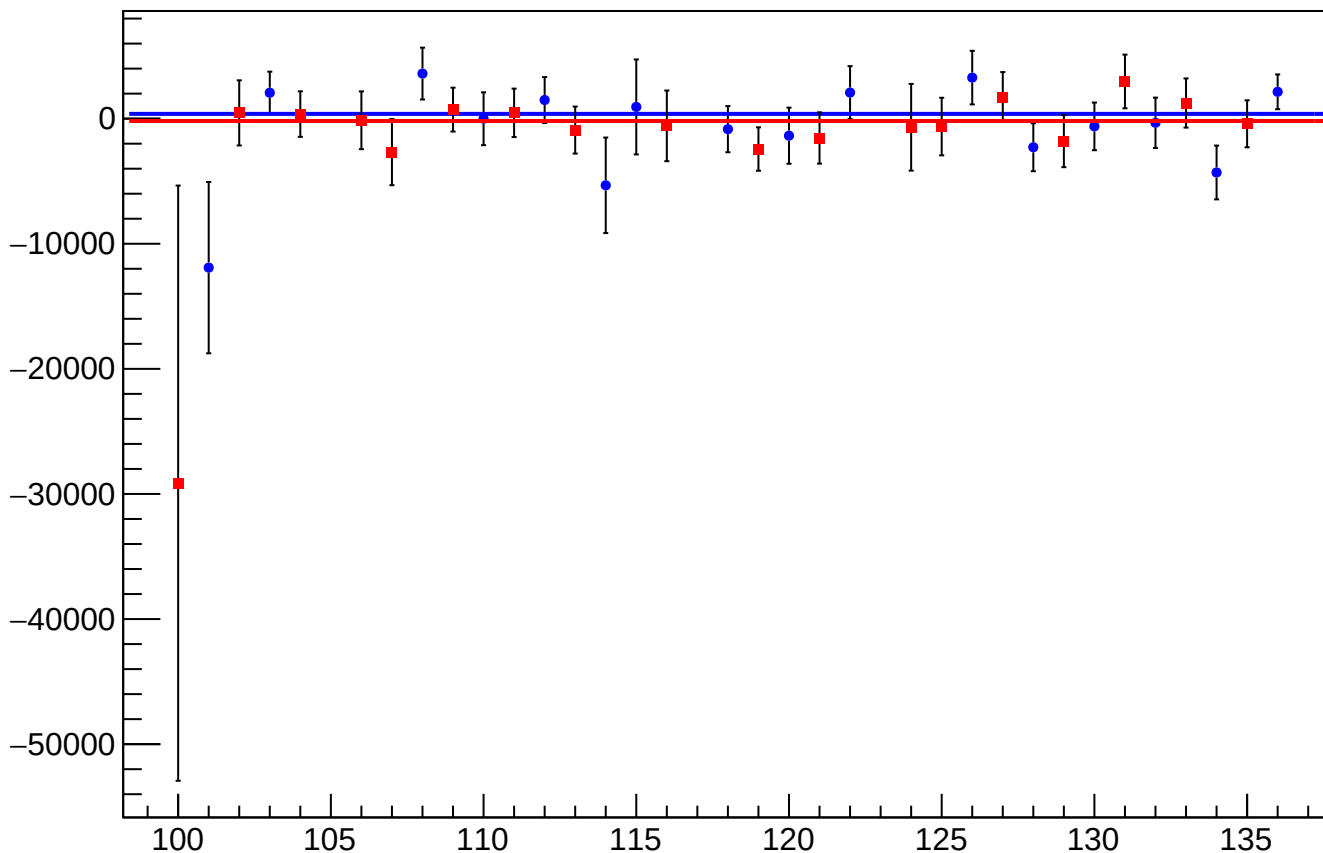
Right: 0.000+/-0.000 χ^2/NDF : 3276670.3/33

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 : 3276670.3/33

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: -189.271+/-508.511 χ^2/NDF : 9.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

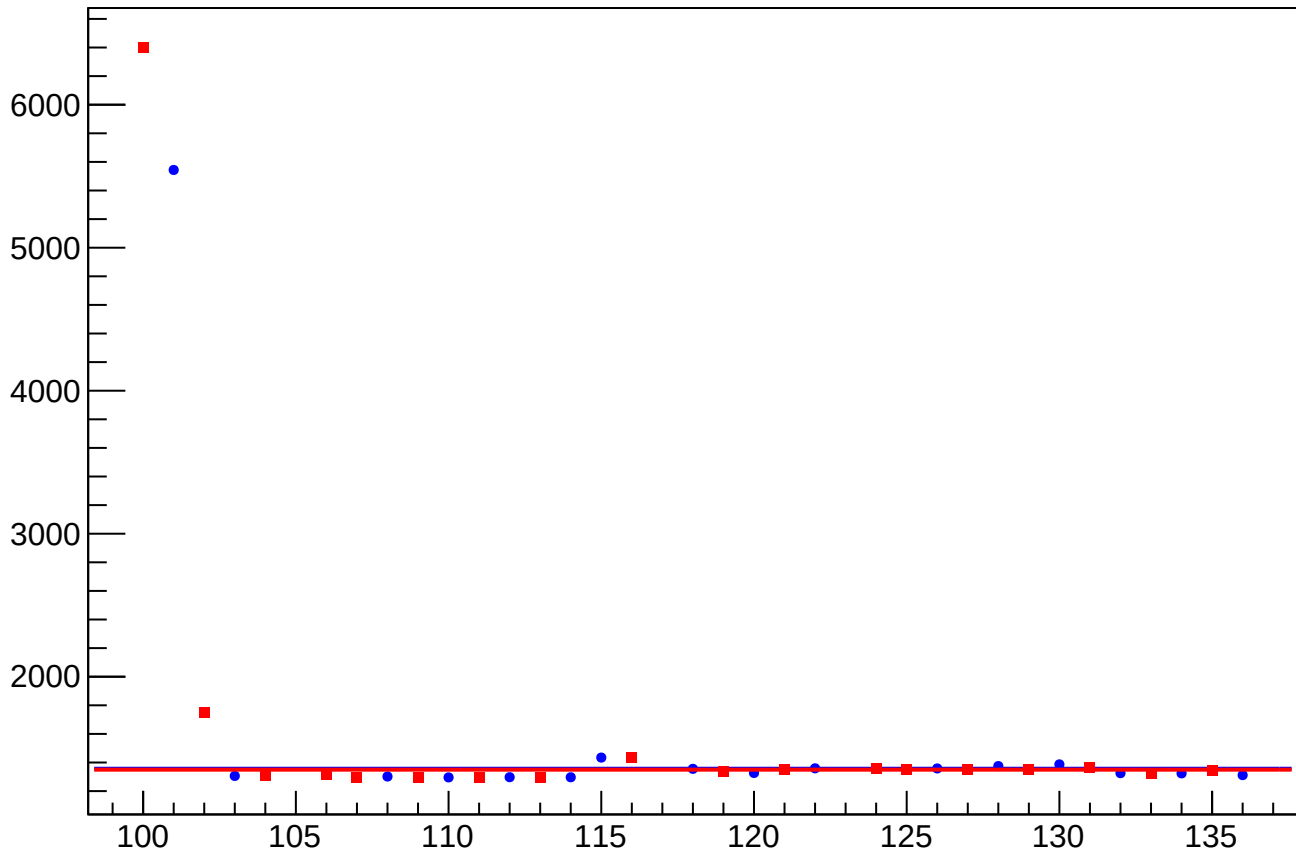
Right: 90.907+/-362.808 χ^2/NDF : 31.6/33

In: 381.403+/-517.789 χ^2/NDF :21.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 90.907+/-362.808 χ^2/NDF : 31.6/33

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: 1349.978+/-0.360 χ^2/NDF : 147000.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

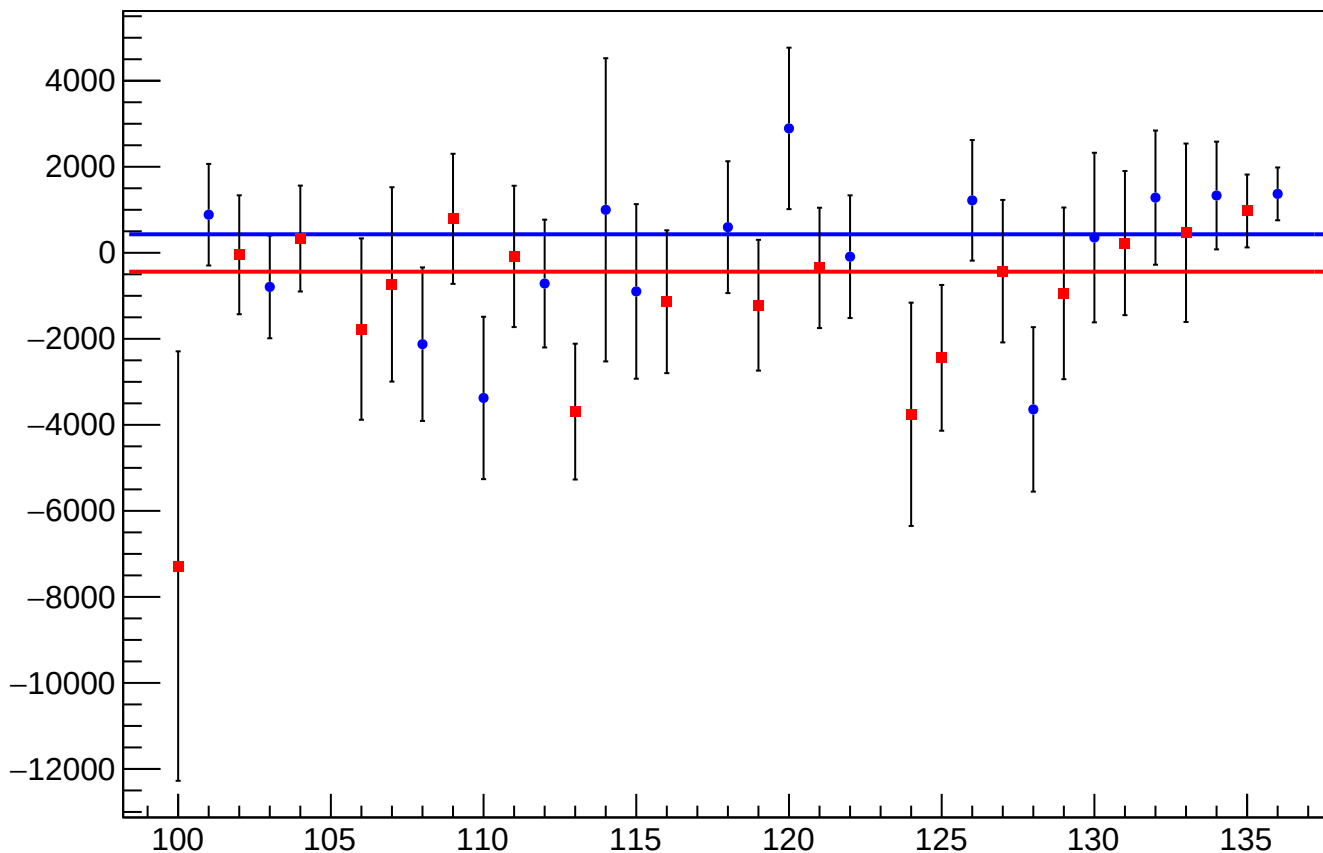
Right: 1353.130+/-0.257 χ^2/NDF : 907423.1/33

In: 1356.397+/-0.366 χ^2/NDF : 760266.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1353.130+/-0.257 χ^2/NDF : 907423.1/33

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: -438.906+/-371.305 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

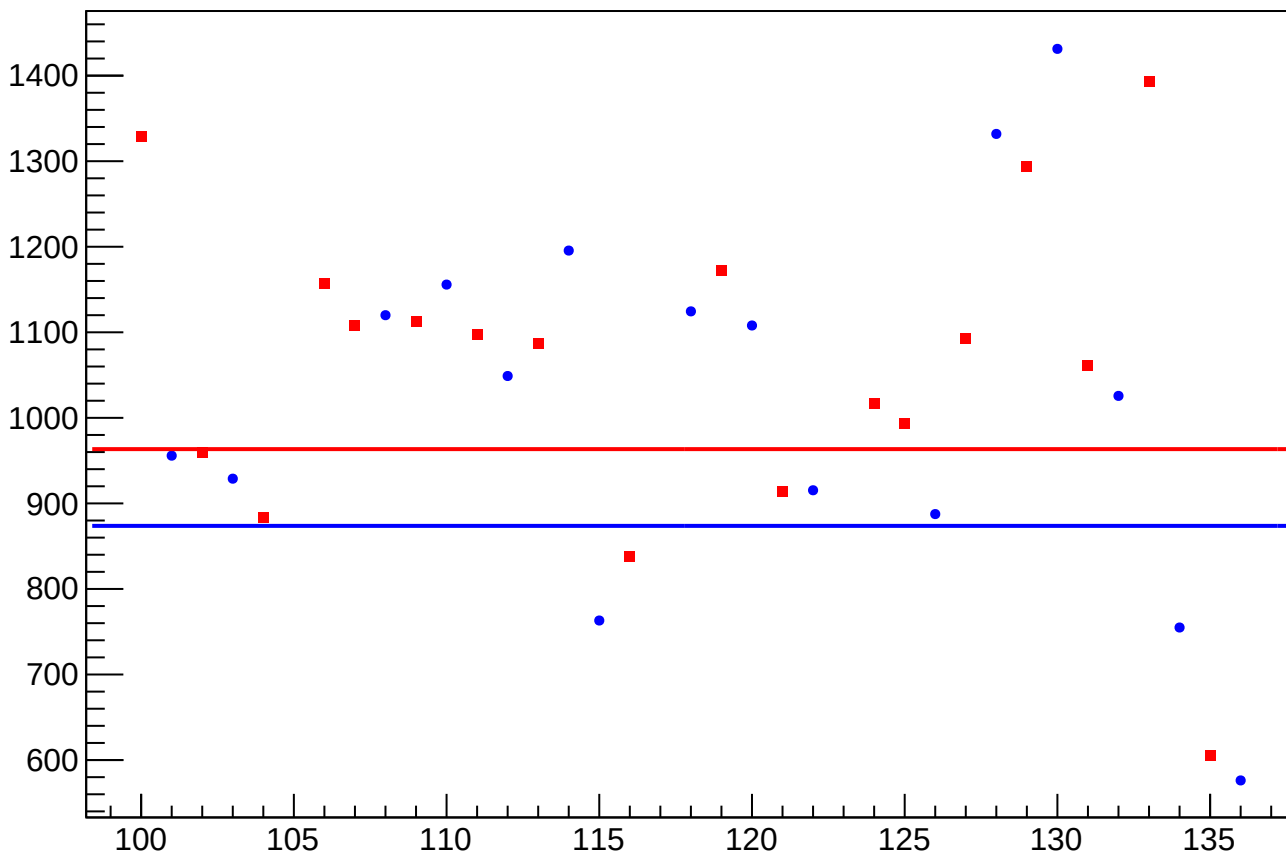
Right: 35.870+/-250.135 χ^2/NDF : 35.6/33

In: 430.363+/-338.459 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.870+/-250.135 χ^2/NDF : 35.6/33

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: 963.448+/-0.263 χ^2/NDF : 659733.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

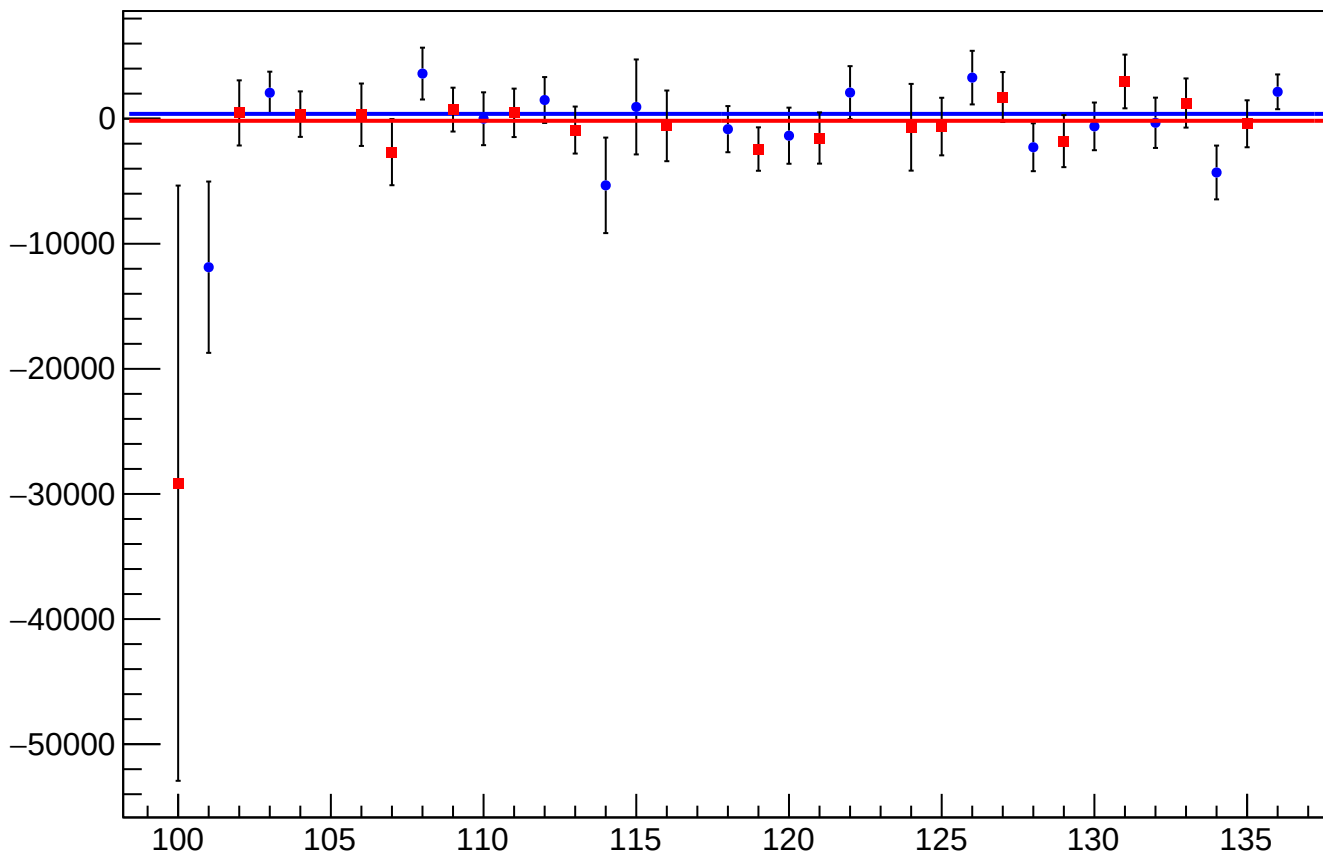
Right: 914.447+/-0.177 χ^2/NDF : 1738366.6/33

In: 873.733+/-0.239 χ^2/NDF :1014860.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 914.447+/-0.177 χ^2/NDF : 1738366.6/33

cor_asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 381.712 $\pm$ 517.789 χ^2 /NDF: 21.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -171.530 $\pm$ 510.300 χ^2 /NDF: 9.5/17

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

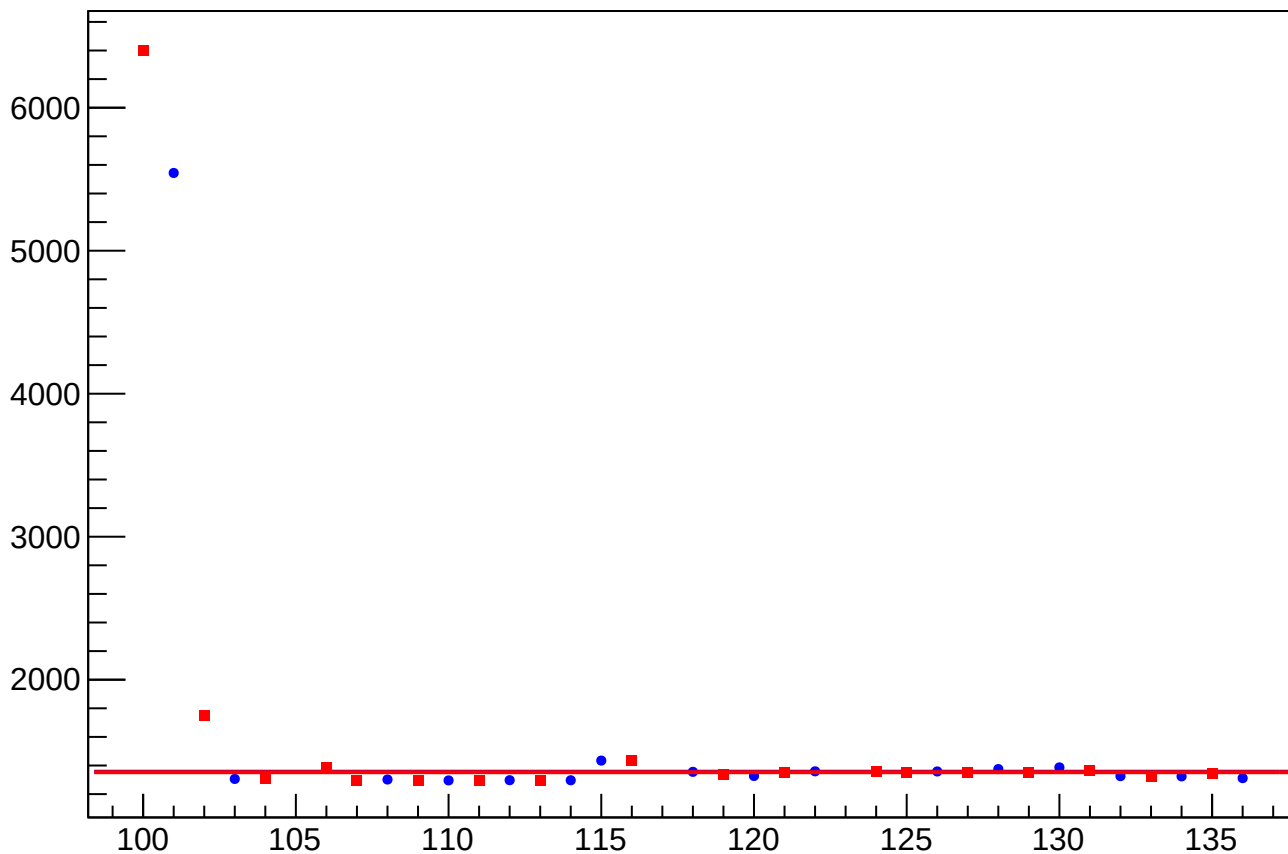
Right: 101.061 $\pm$ 363.455 χ^2 /NDF: 31.6/33

In: 381.712 $\pm$ 517.789 χ^2 /NDF:21.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 101.061 $\pm$ 363.455 χ^2 /NDF: 31.6/33

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: 1353.189 $\pm$ 0.361 χ^2 /NDF: 147009.2/17

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

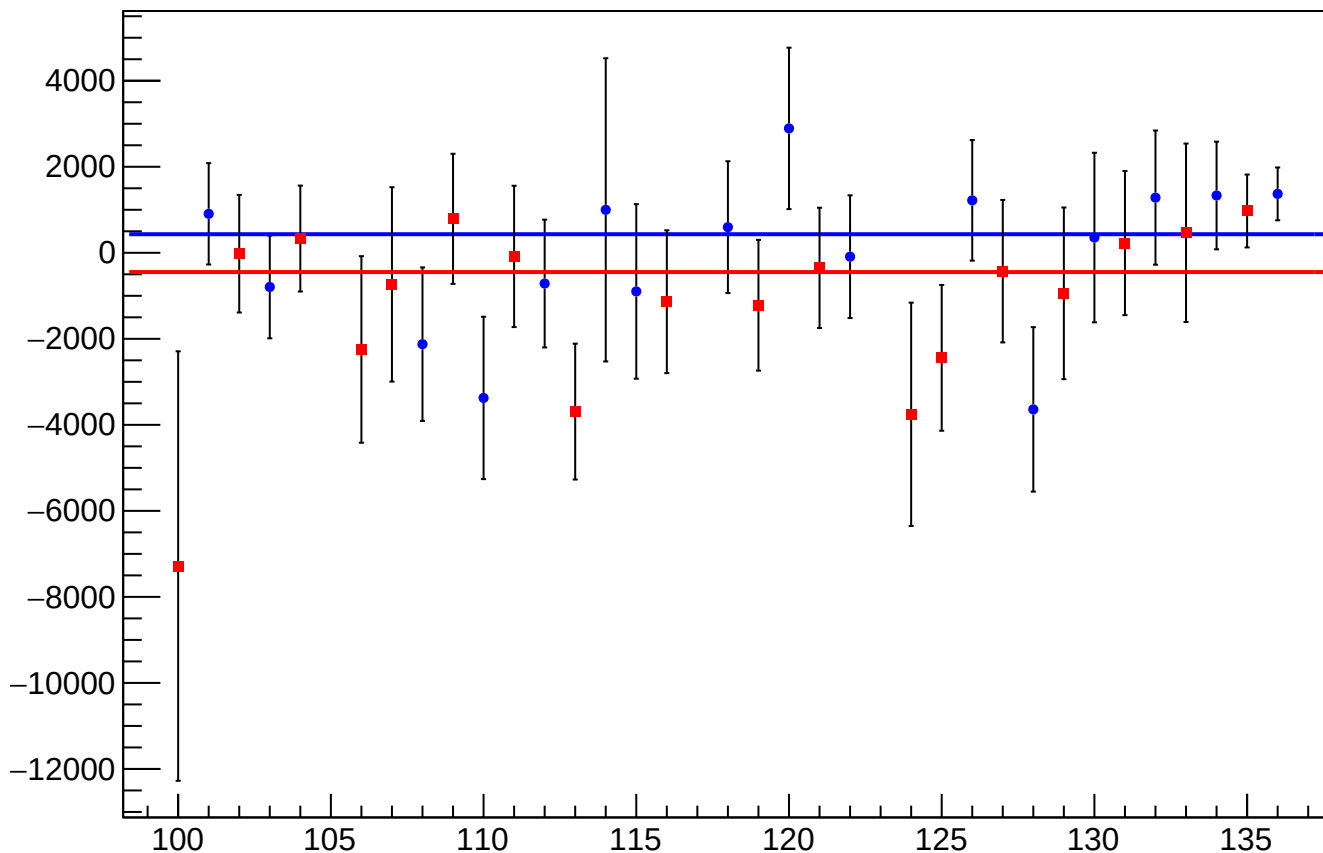
Right: 1354.769 $\pm$ 0.257 χ^2 /NDF: 907313.5/33

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: 1354.769 $\pm$ 0.257 χ^2 /NDF: 907313.5/33

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: -448.113+/-371.312 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

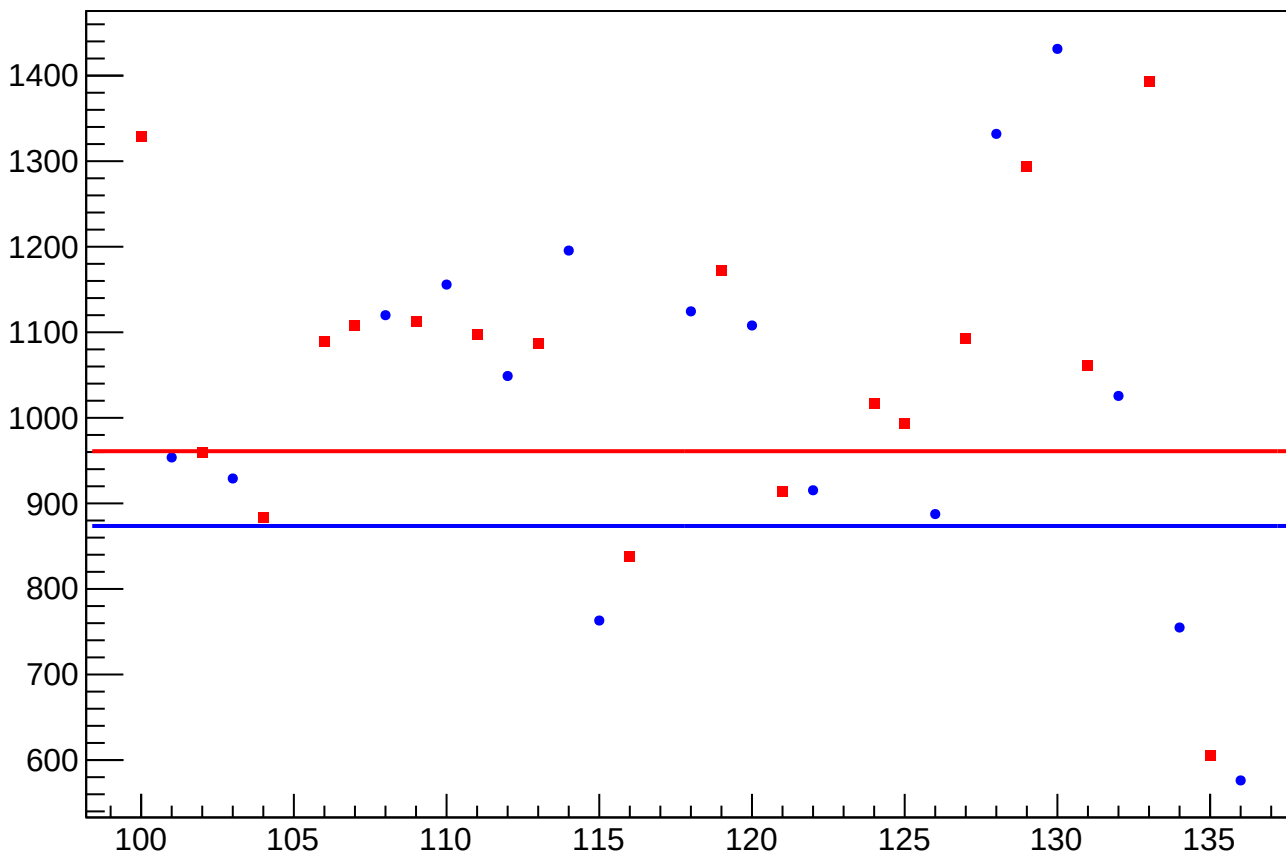
Right: 32.740+/-250.114 χ^2/NDF : 36.0/33

In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.740+/-250.114 χ^2/NDF : 36.0/33

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: 961.021+/-0.263 χ^2/NDF : 649526.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

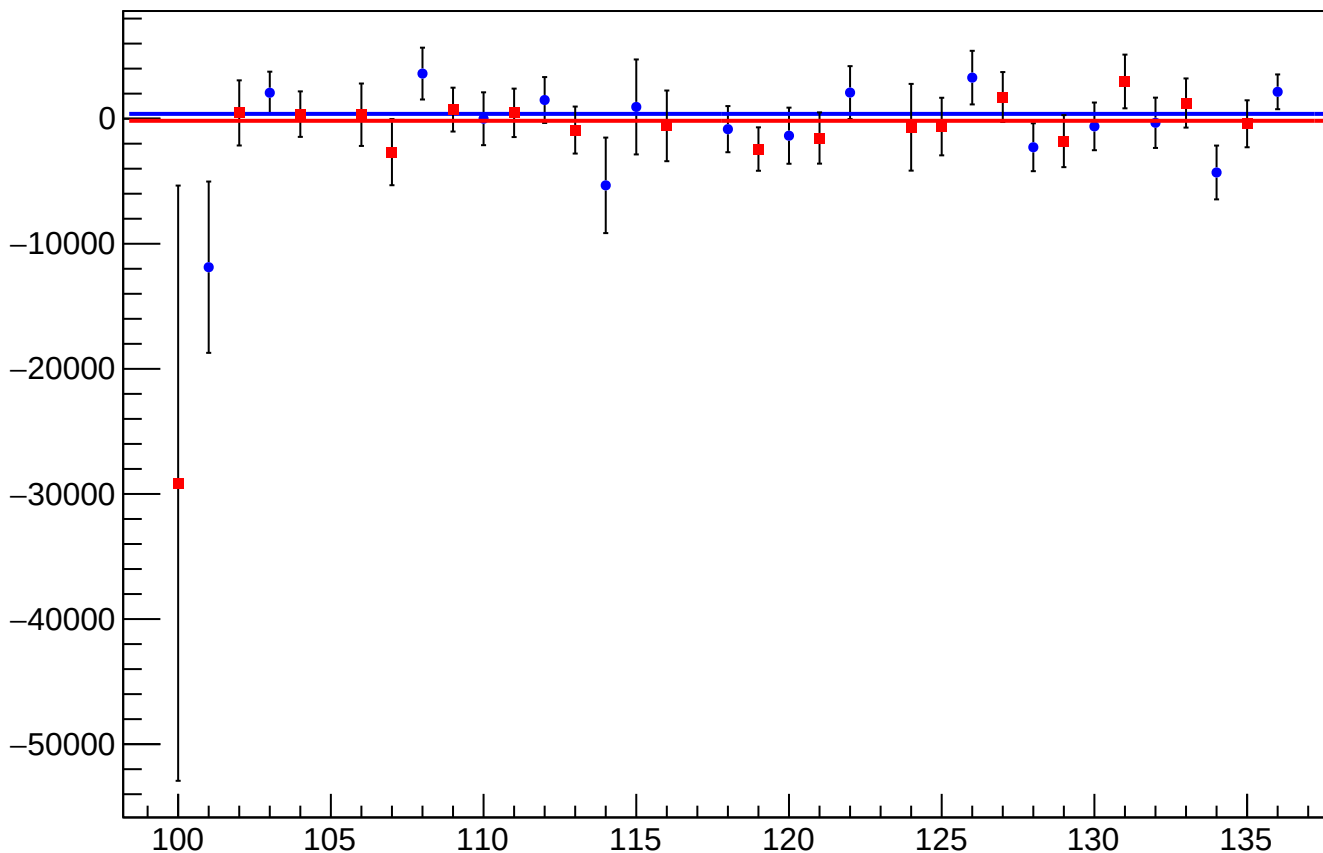
Right: 913.269+/-0.177 χ^2/NDF : 1724485.3/33

In: 873.606+/-0.239 χ^2/NDF :1014405.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 913.269+/-0.177 χ^2/NDF : 1724485.3/33

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: -171.530+/-510.300 χ^2/NDF : 9.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

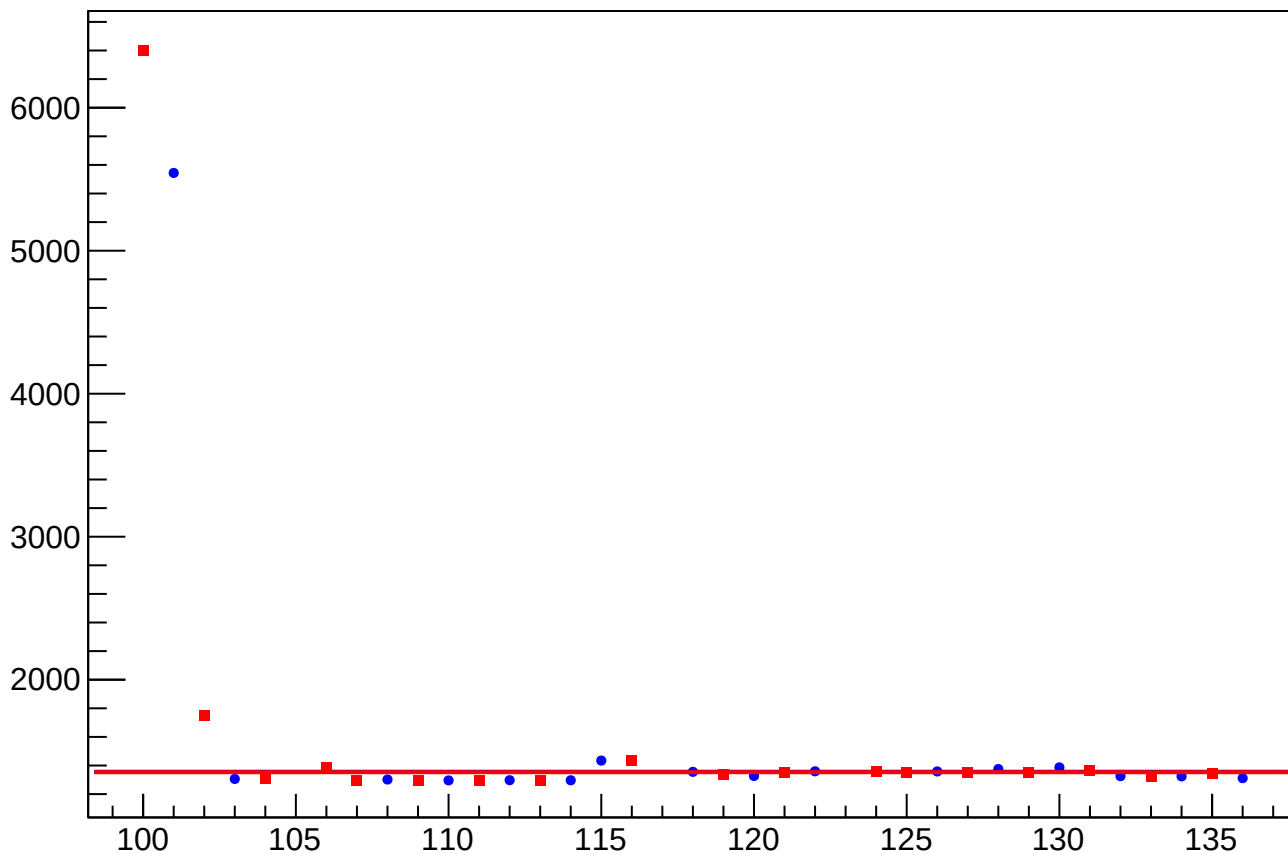
Right: 101.061+/-363.455 χ^2/NDF : 31.6/33

In: 381.712+/-517.789 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.061+/-363.455 χ^2/NDF : 31.6/33

eigen_cor_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1356.397+/-0.366 χ^2/NDF : 760265.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.189+/-0.361 χ^2/NDF : 147009.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

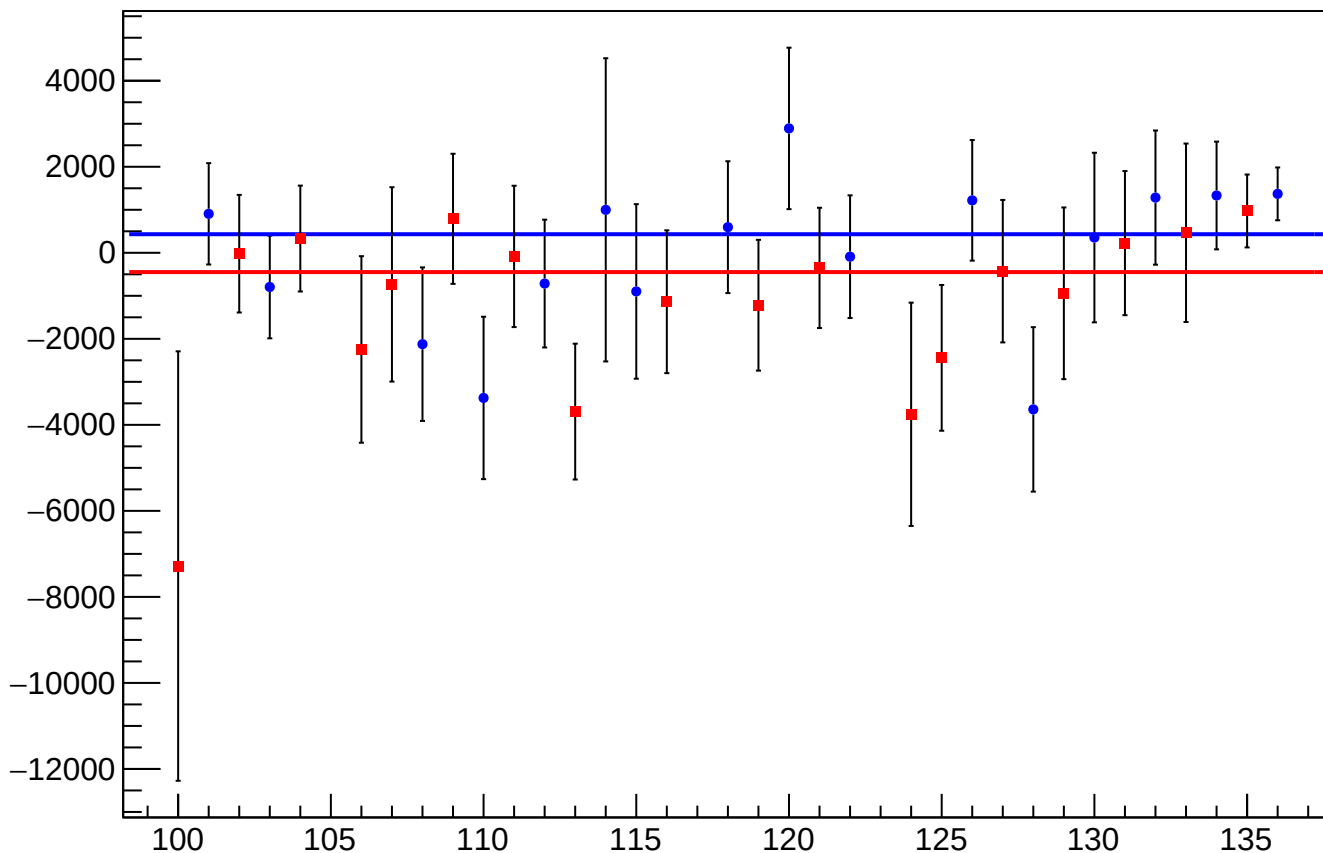
Right: 1354.769+/-0.257 χ^2/NDF : 907313.5/33

In: 1356.397+/-0.366 χ^2/NDF : 760265.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1354.769+/-0.257 χ^2/NDF : 907313.5/33

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: -448.113+/-371.312 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

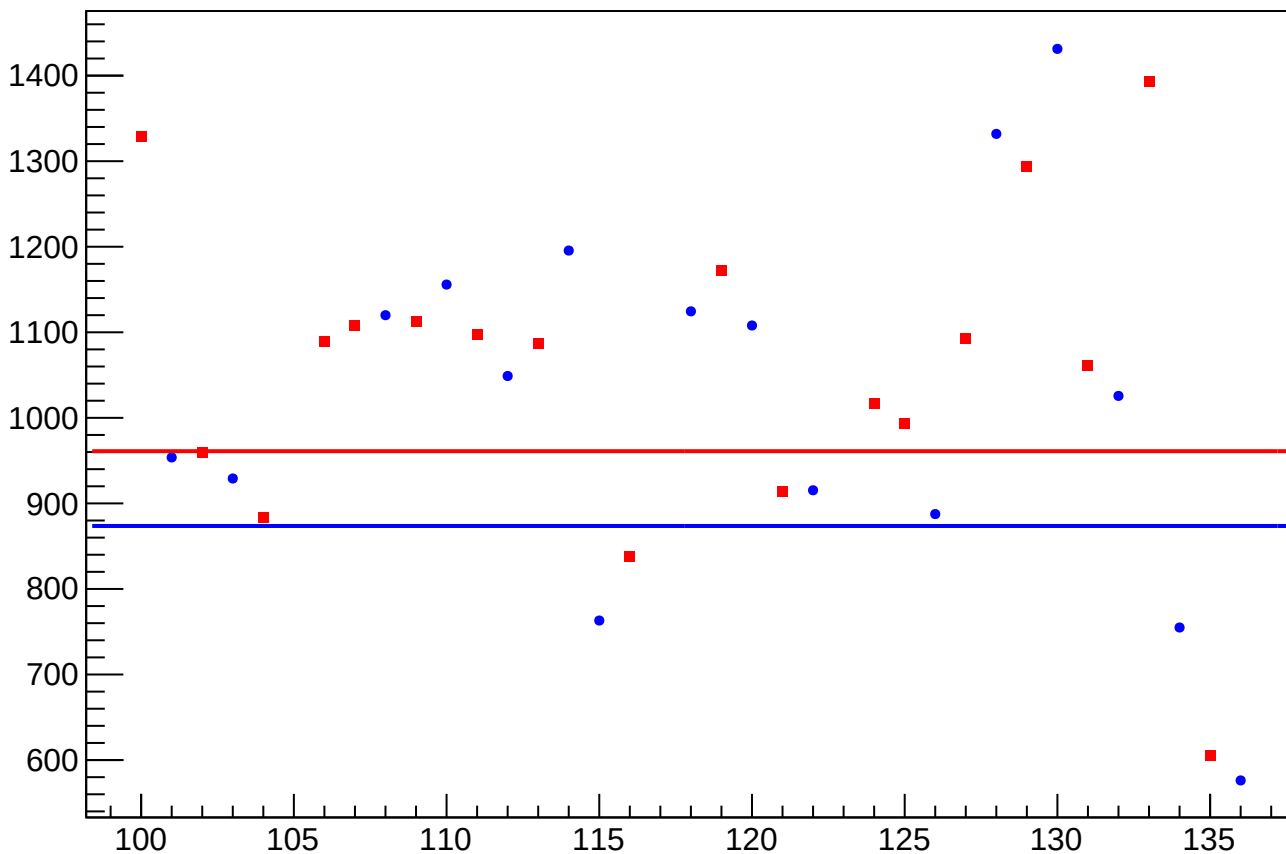
Right: 32.740+/-250.114 χ^2/NDF : 36.0/33

In: 432.135+/-338.403 χ^2/NDF : 18.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.740+/-250.114 χ^2/NDF : 36.0/33

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: 961.021+/-0.263 χ^2/NDF : 649526.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

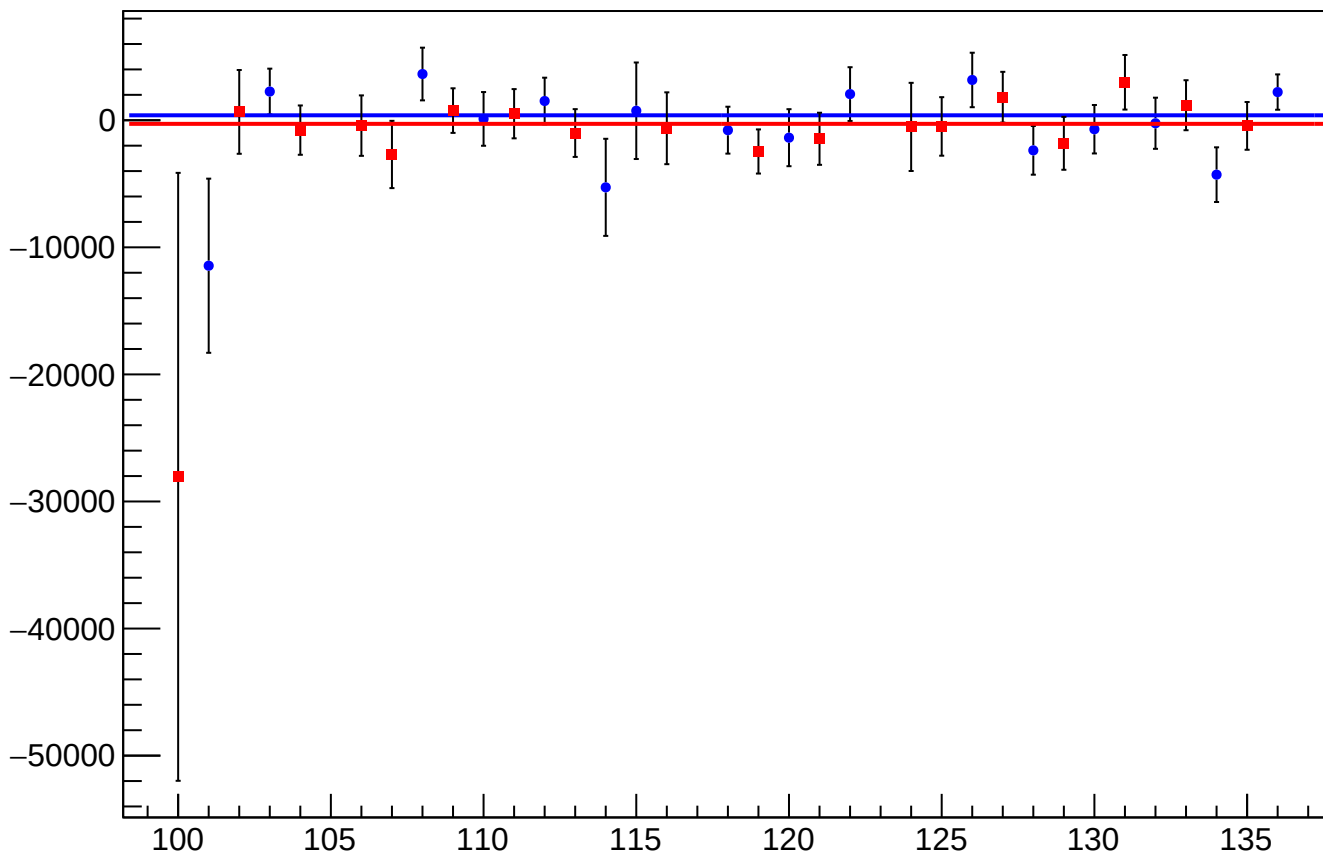
Right: 913.269+/-0.177 χ^2/NDF : 1724485.3/33

In: 873.606+/-0.239 χ^2/NDF : 1014405.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 913.269+/-0.177 χ^2/NDF : 1724485.3/33

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: -283.615+/-515.752 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

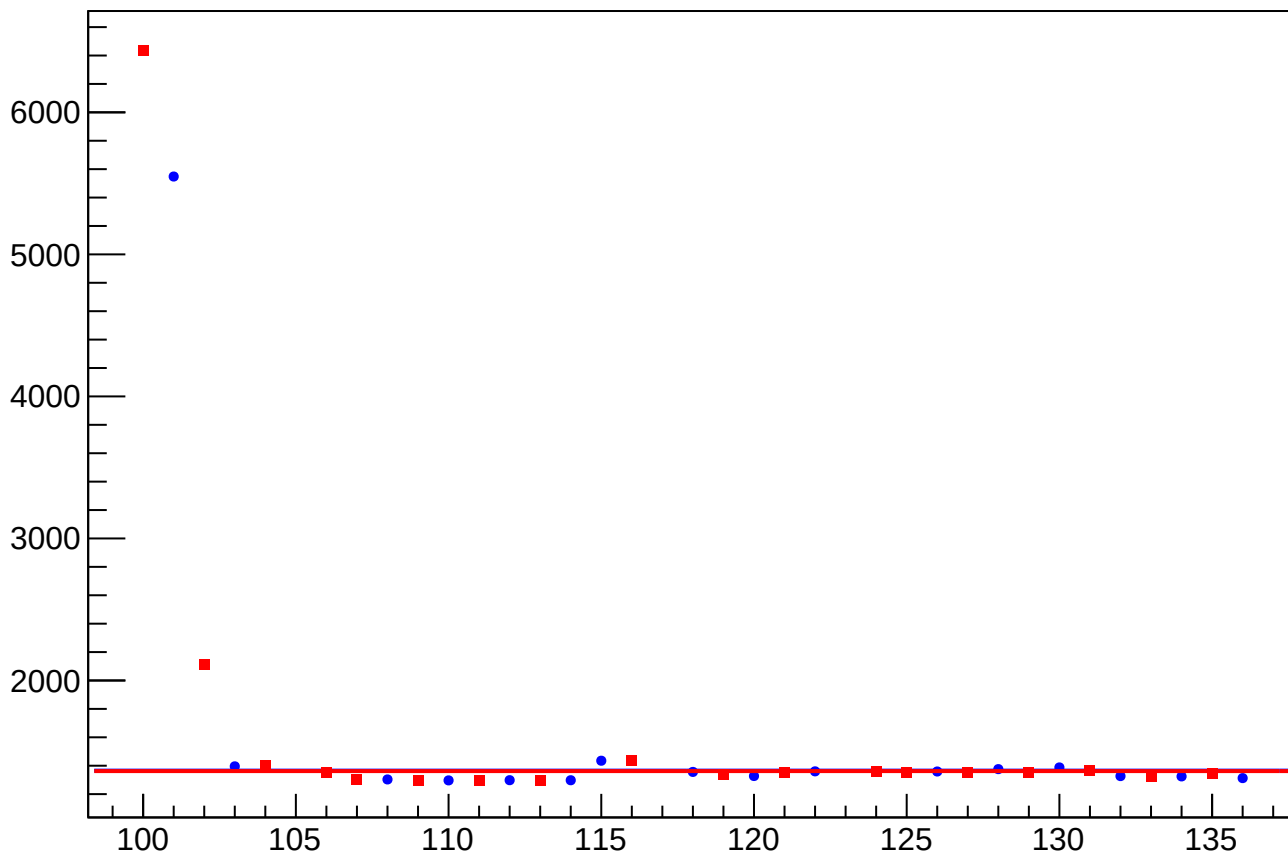
Right: 49.655+/-366.589 χ^2/NDF : 31.7/33

In: 389.949+/-521.159 χ^2/NDF :21.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.655+/-366.589 χ^2/NDF : 31.7/33

dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1365.302 $\pm$ 0.369 χ^2 /NDF: 758944.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1362.115 $\pm$ 0.365 χ^2 /NDF: 204863.9/17

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

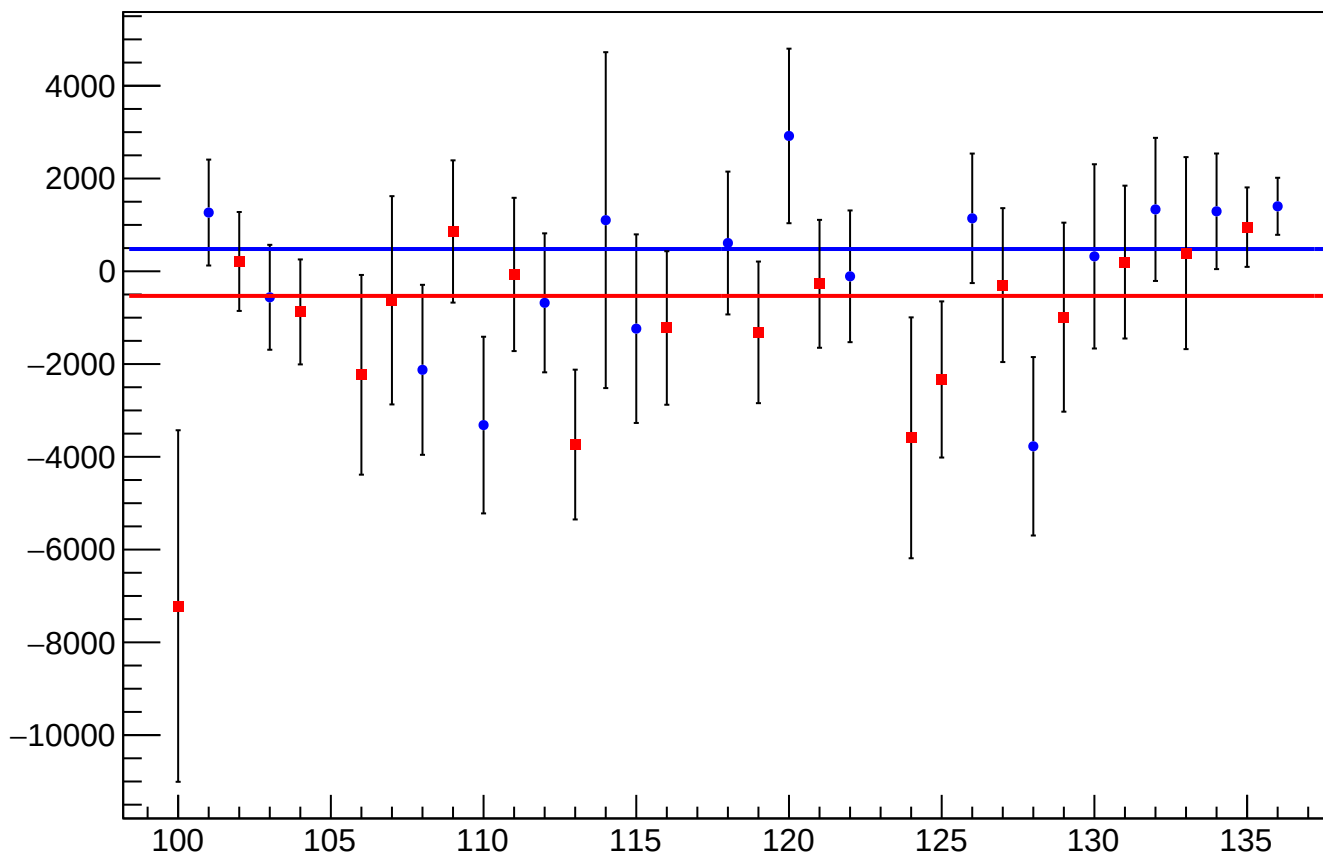
Right: 1363.692 $\pm$ 0.259 χ^2 /NDF: 963846.4/33

In: 1365.302 $\pm$ 0.369 χ^2 /NDF: 758944.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1363.692 $\pm$ 0.259 χ^2 /NDF: 963846.4/33

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: -530.663+/-360.166 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

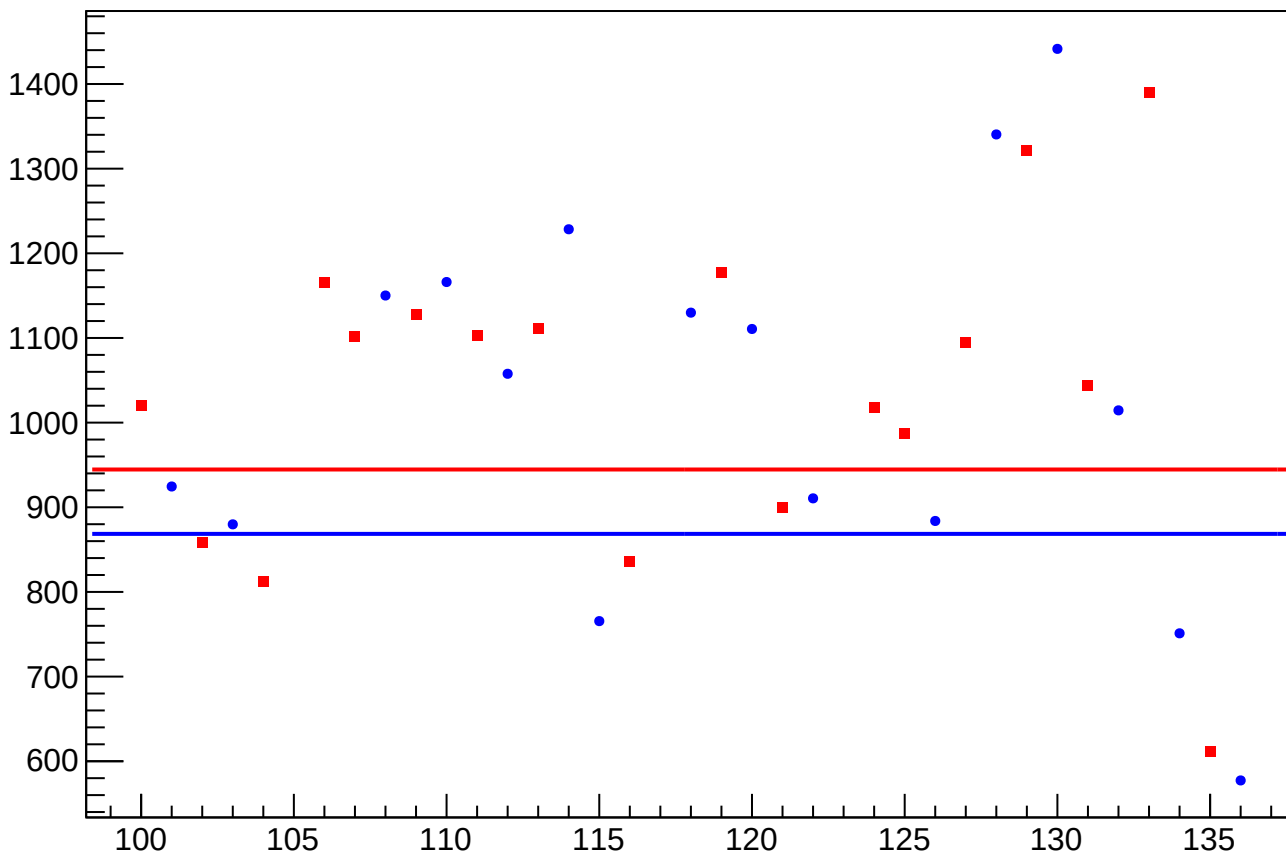
Right: 9.145+/-245.890 χ^2/NDF : 38.4/33

In: 480.403+/-336.520 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.145+/-245.890 χ^2/NDF : 38.4/33

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: 944.625+/-0.255 χ^2/NDF : 686425.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

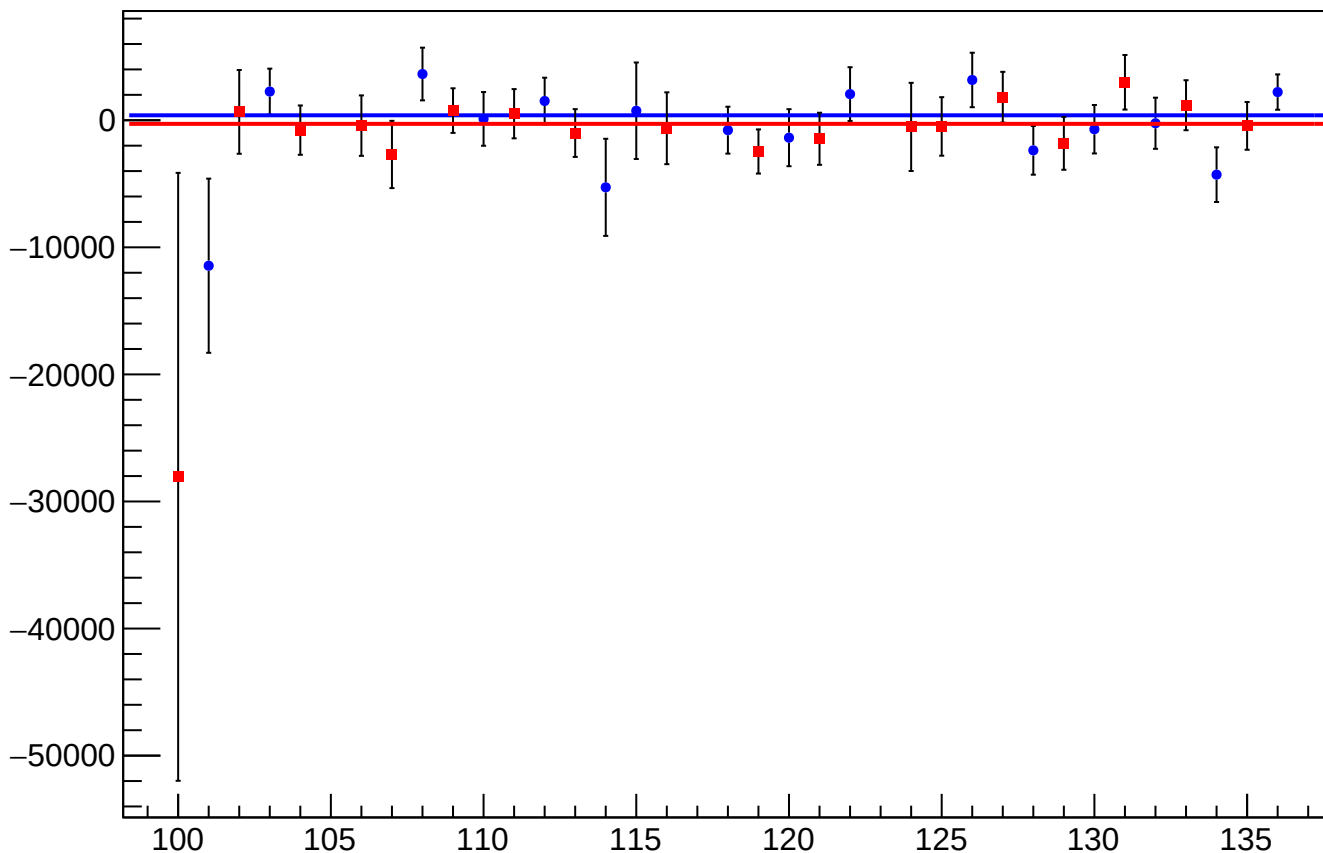
Right: 904.020+/-0.174 χ^2/NDF : 1755375.8/33

In: 868.572+/-0.238 χ^2/NDF : 1021338.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.020+/-0.174 χ^2/NDF : 1755375.8/33

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: -283.613+/-515.752 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

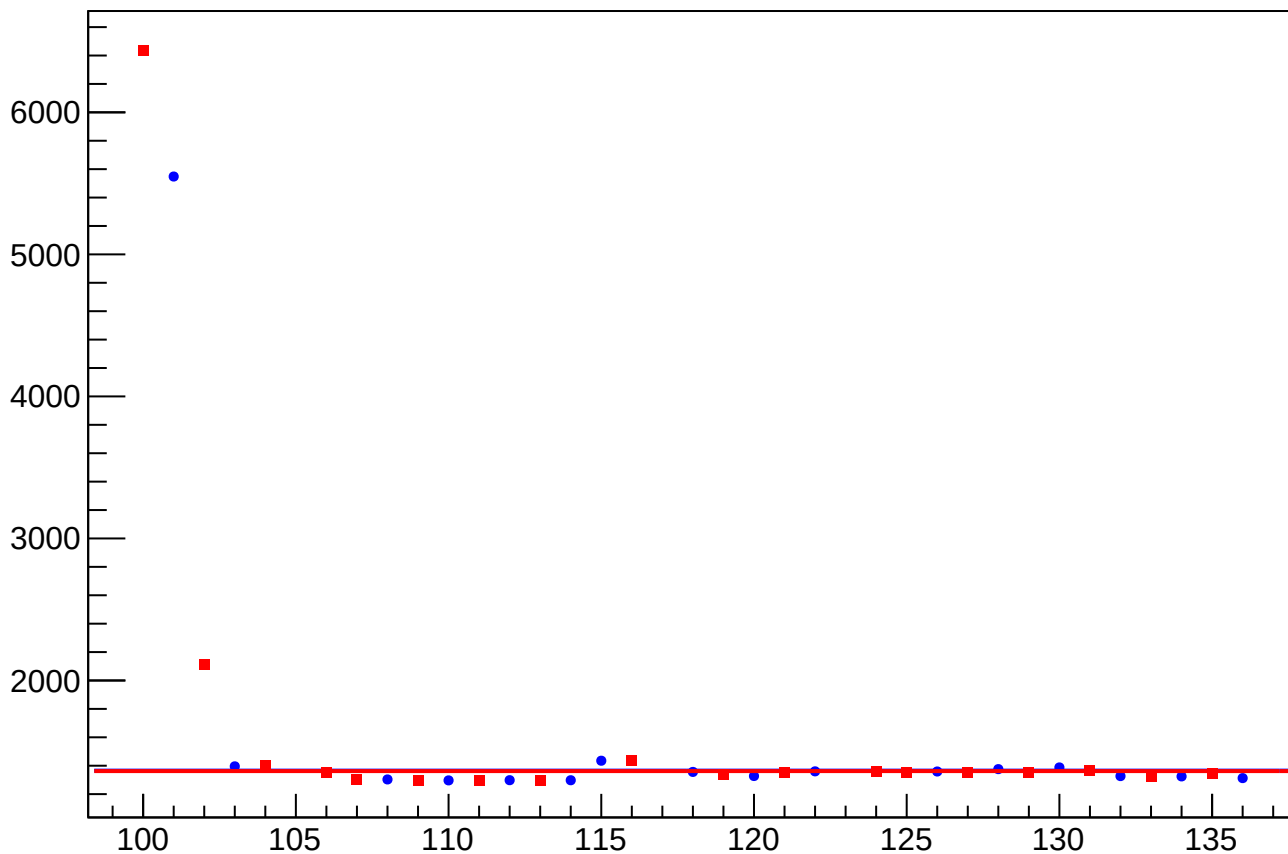
Right: 49.656+/-366.589 χ^2/NDF : 31.7/33

In: 389.949+/-521.159 χ^2/NDF :21.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 49.656+/-366.589 χ^2/NDF : 31.7/33

eigen_dit_asym_usr_atr1_dd_rms vs Slug, Sign Corrected



Right In: 1365.302 $\pm$ 0.369 χ^2 /NDF: 758944.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1362.115 $\pm$ 0.365 χ^2 /NDF: 204863.8/17

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

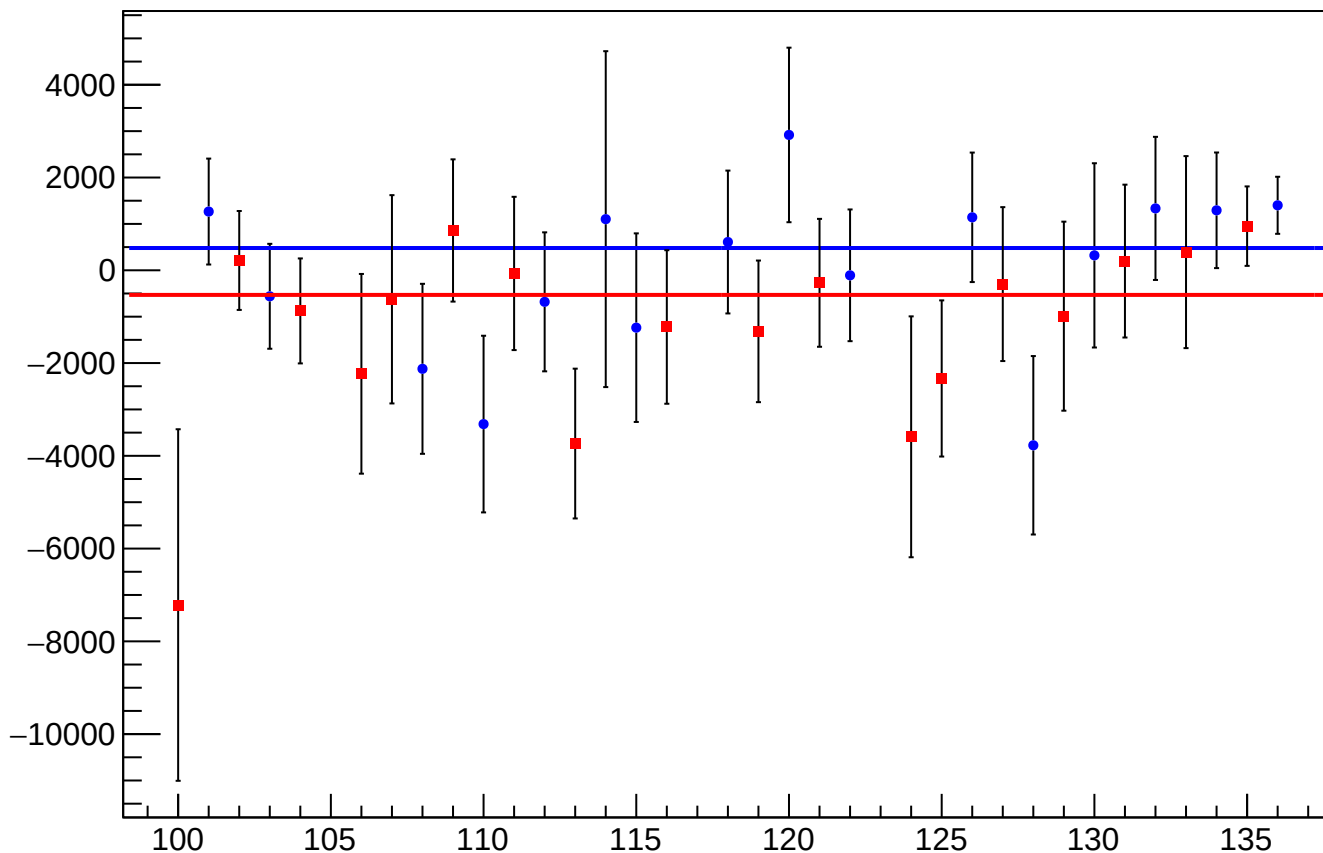
Right: 1363.692 $\pm$ 0.259 χ^2 /NDF: 963846.3/33

In: 1365.302 $\pm$ 0.369 χ^2 /NDF:758944.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1363.692 $\pm$ 0.259 χ^2 /NDF: 963846.3/33

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: -530.662+/-360.165 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

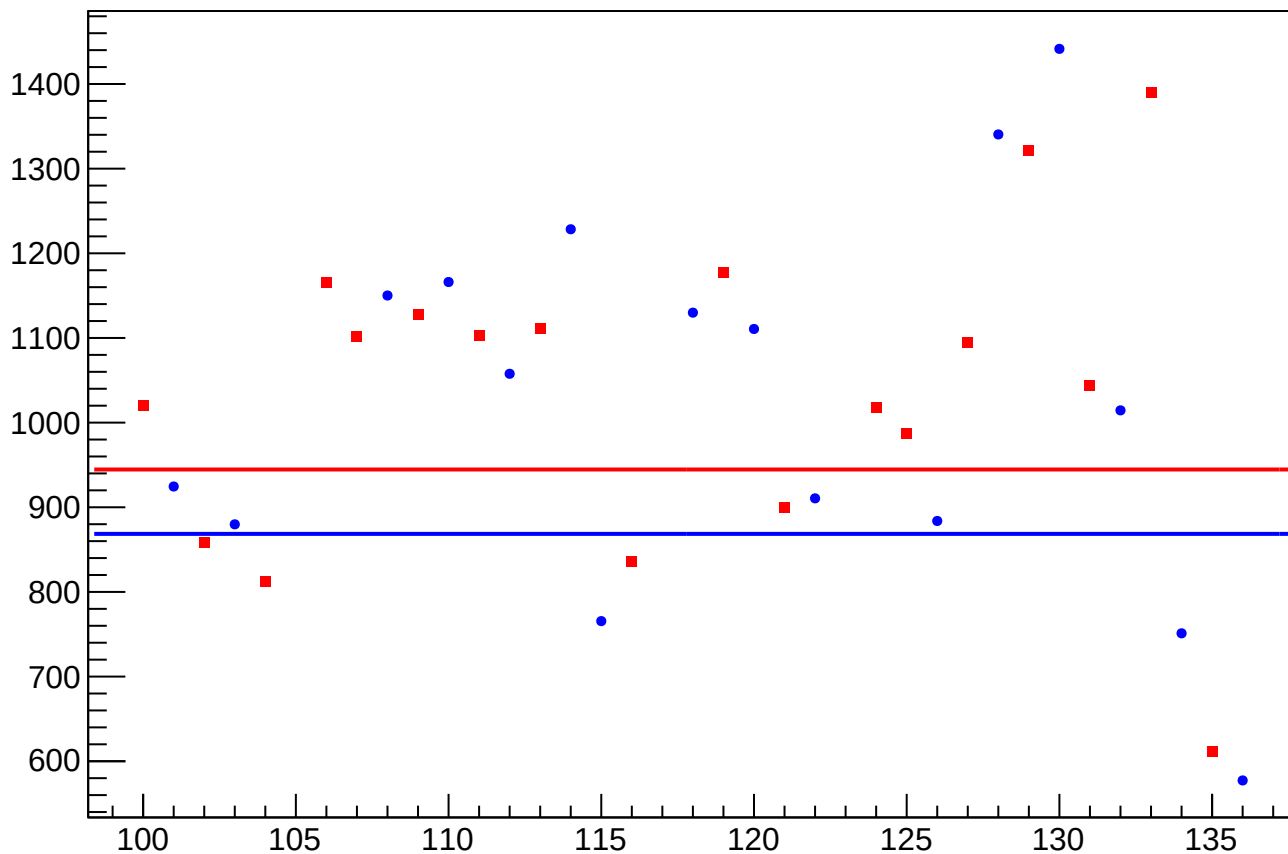
Right: 9.145+/-245.890 χ^2/NDF : 38.4/33

In: 480.400+/-336.519 χ^2/NDF : 18.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.145+/-245.890 χ^2/NDF : 38.4/33

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: 944.623+/-0.255 χ^2/NDF : 686423.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

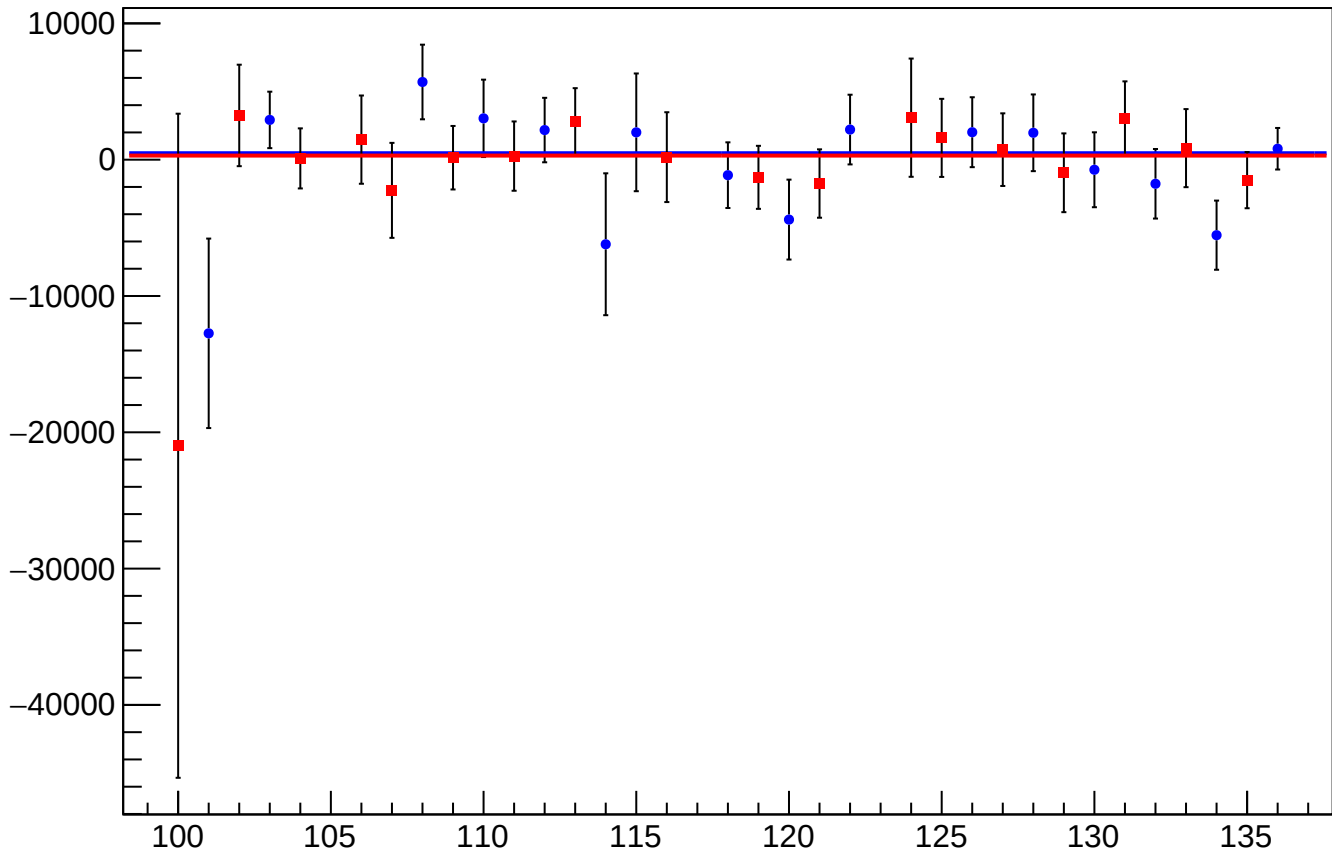
Right: 904.018+/-0.174 χ^2/NDF : 1755373.9/33

In: 868.570+/-0.238 χ^2/NDF : 1021337.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 904.018+/-0.174 χ^2/NDF : 1755373.9/33

asym_usr_atr1_dd_mean vs Slug, Sign Corrected



Right In: 473.494+/-649.243 χ^2/NDF : 22.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.405+/-655.526 χ^2/NDF : 6.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

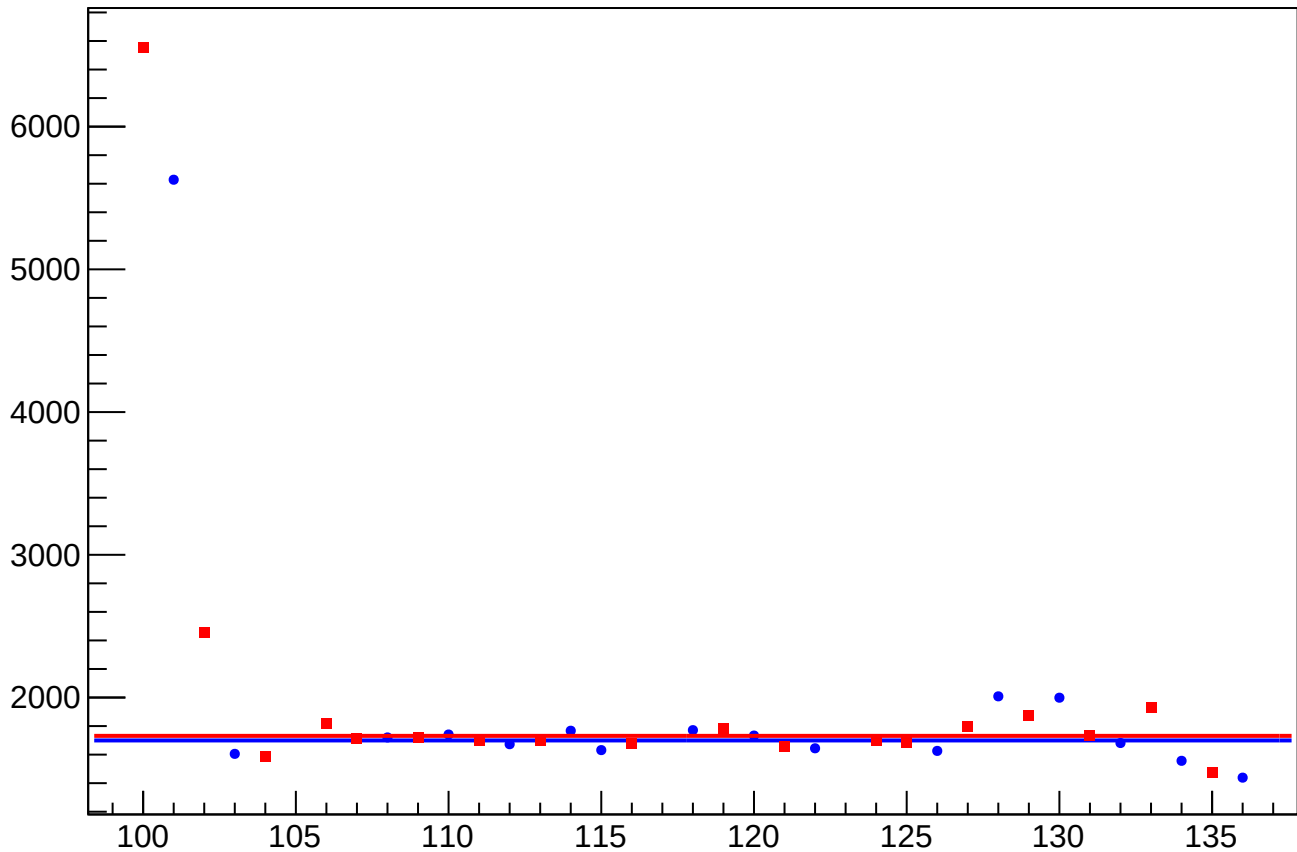
Right: 388.278+/-461.289 χ^2/NDF : 29.6/33

In: 473.494+/-649.243 χ^2/NDF : 22.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.278+/-461.289 χ^2/NDF : 29.6/33

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: 1731.439+/-0.464 χ^2/NDF : 216416.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

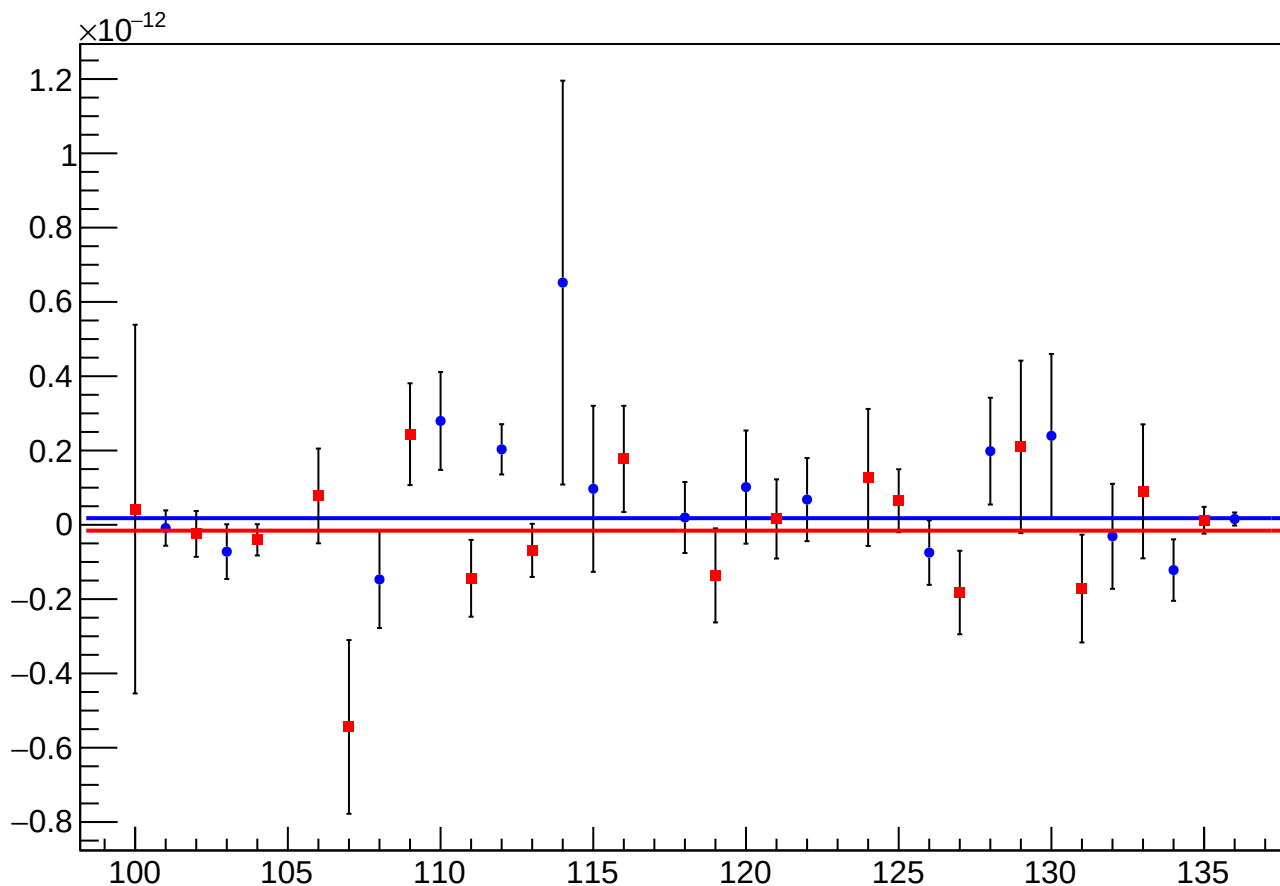
Right: 1715.230+/-0.326 χ^2/NDF : 980936.8/33

In: 1699.330+/-0.459 χ^2/NDF : 762097.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1715.230+/-0.326 χ^2/NDF : 980936.8/33

asym_usr_atr1_dd_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 : 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

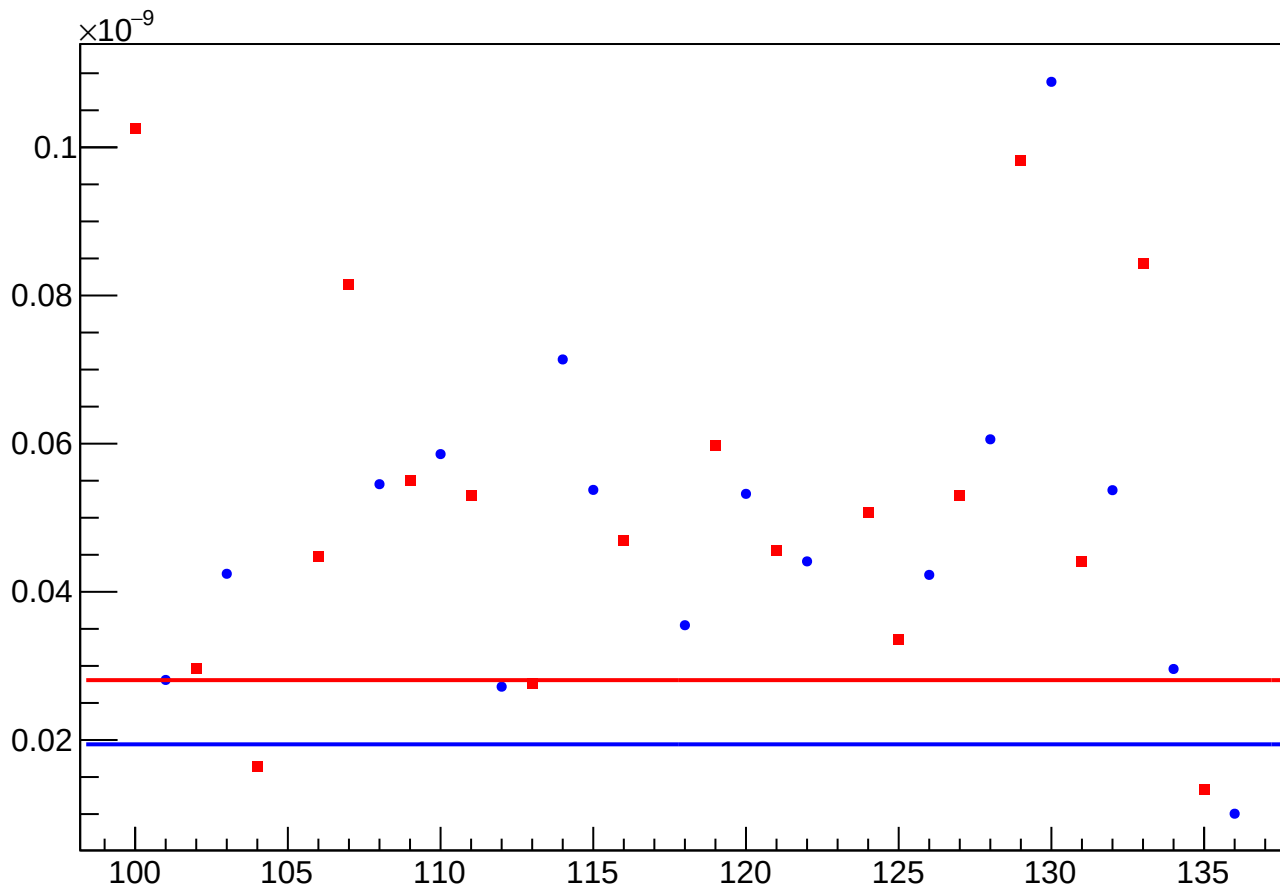
Right: 0.000+/-0.000 χ^2/NDF : 46.7/33

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 : 46.7/33

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000

χ^2/NDF : 2274412.4/15

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 1623167.8/17

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 : 4149432.7/33

In: 0.000+/-0.000

χ^2/NDF : 2274412.4/15

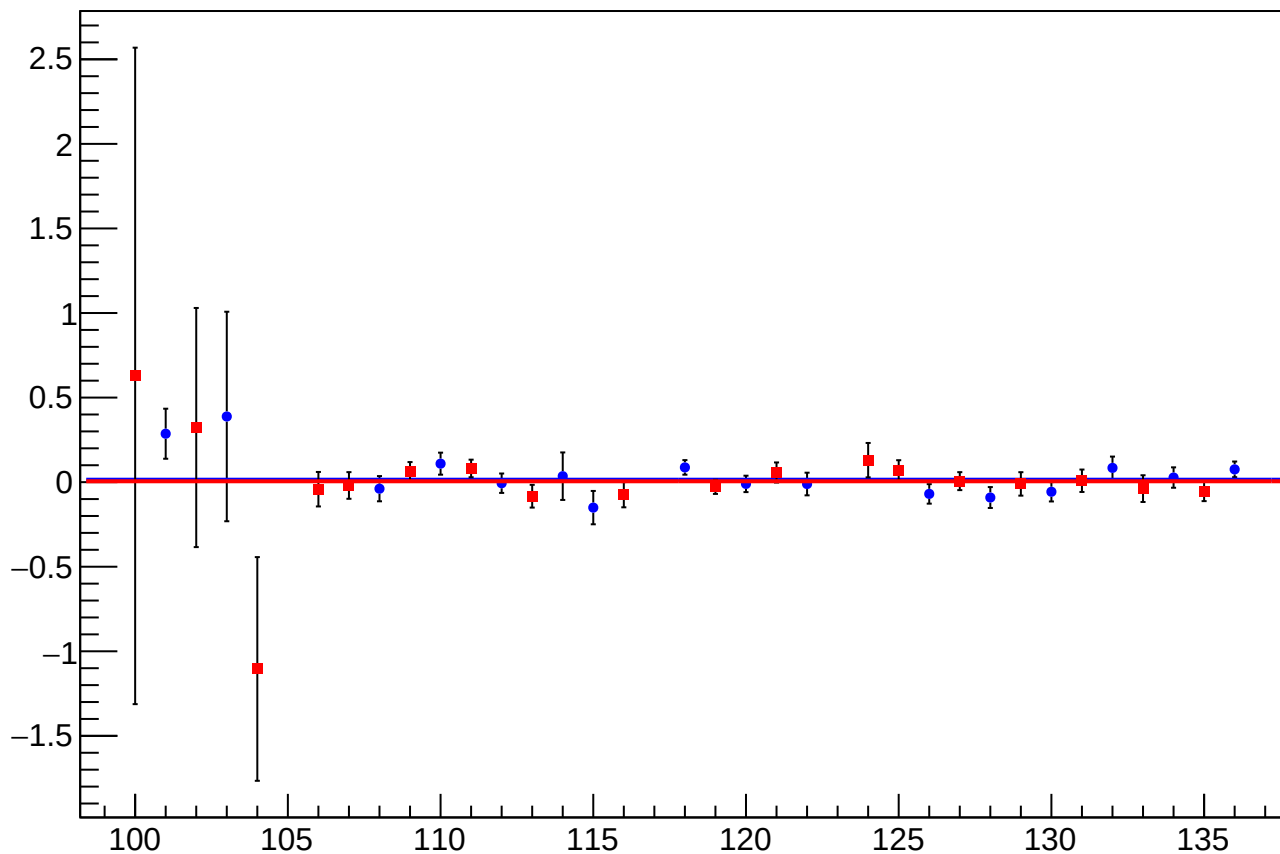
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 4149432.7/33

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 : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

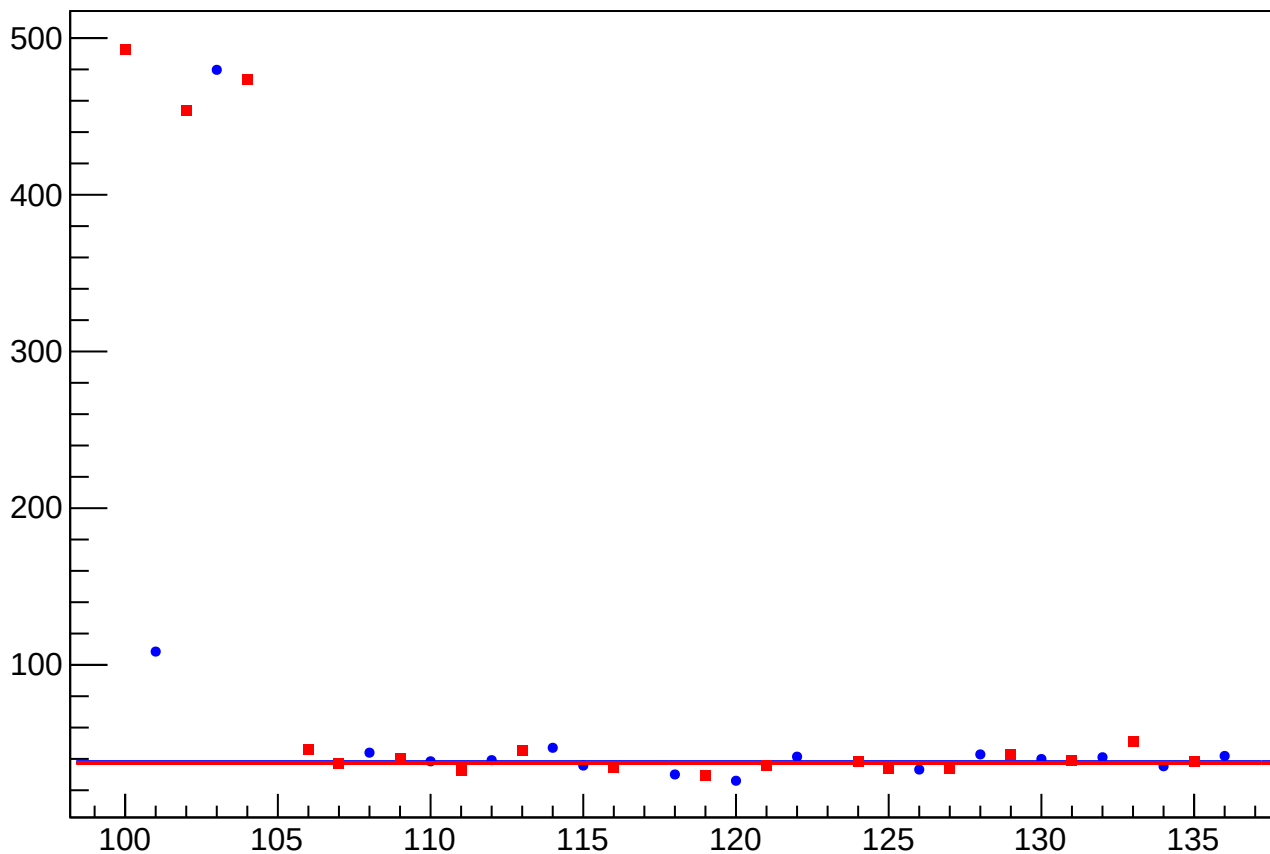
Right: 0.010+/-0.011 χ^2/NDF : 37.1/33

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 : 37.1/33

asym_usr_atr1_dd_dit_vs_slug_corr_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: 37.400+/-0.011 χ^2/NDF : 1900406.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

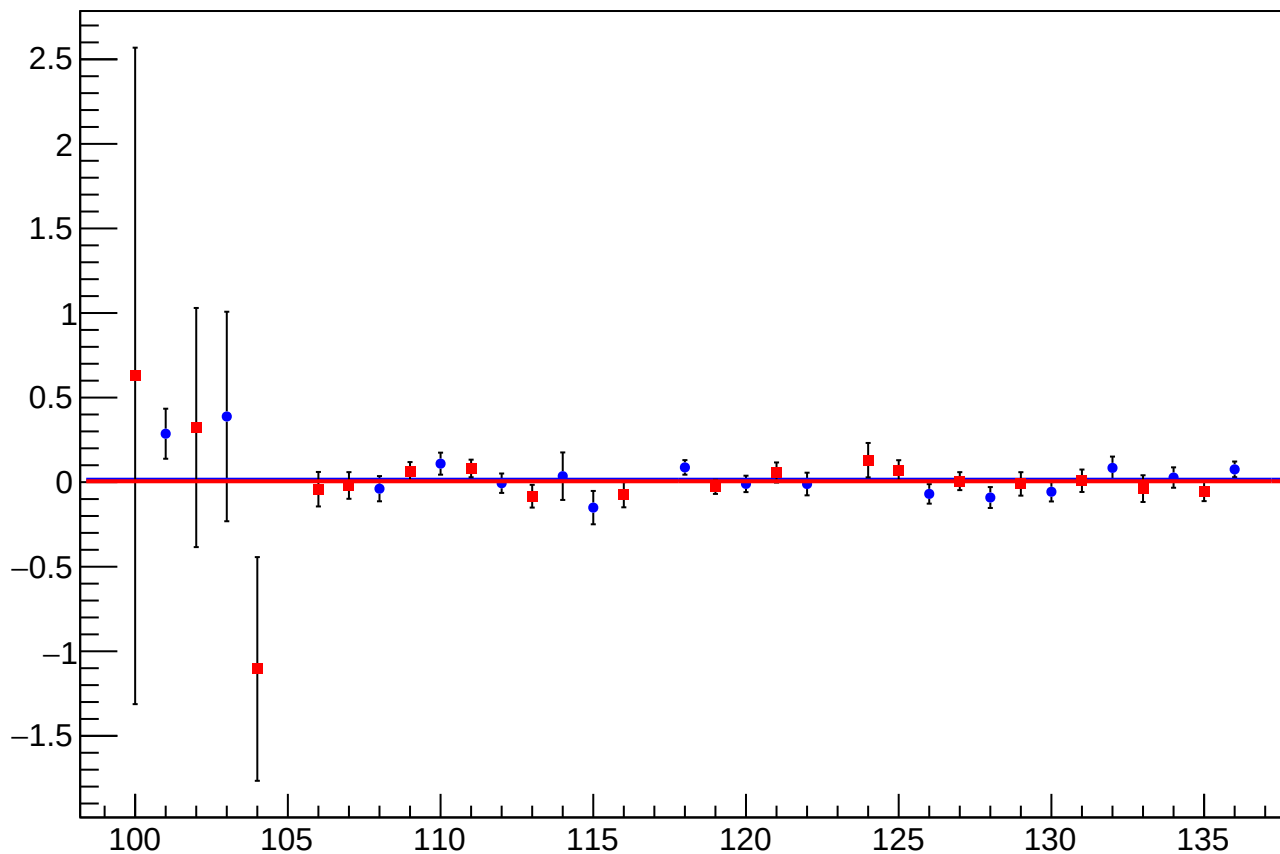
Right: 37.675+/-0.008 χ^2/NDF : 3641218.8/33

In: 37.942+/-0.011 χ^2/NDF : 1739669.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.675+/-0.008 χ^2/NDF : 3641218.8/33

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.014 $\pm$ 0.016 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.005 $\pm$ 0.016 χ^2 /NDF: 14.9/17

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

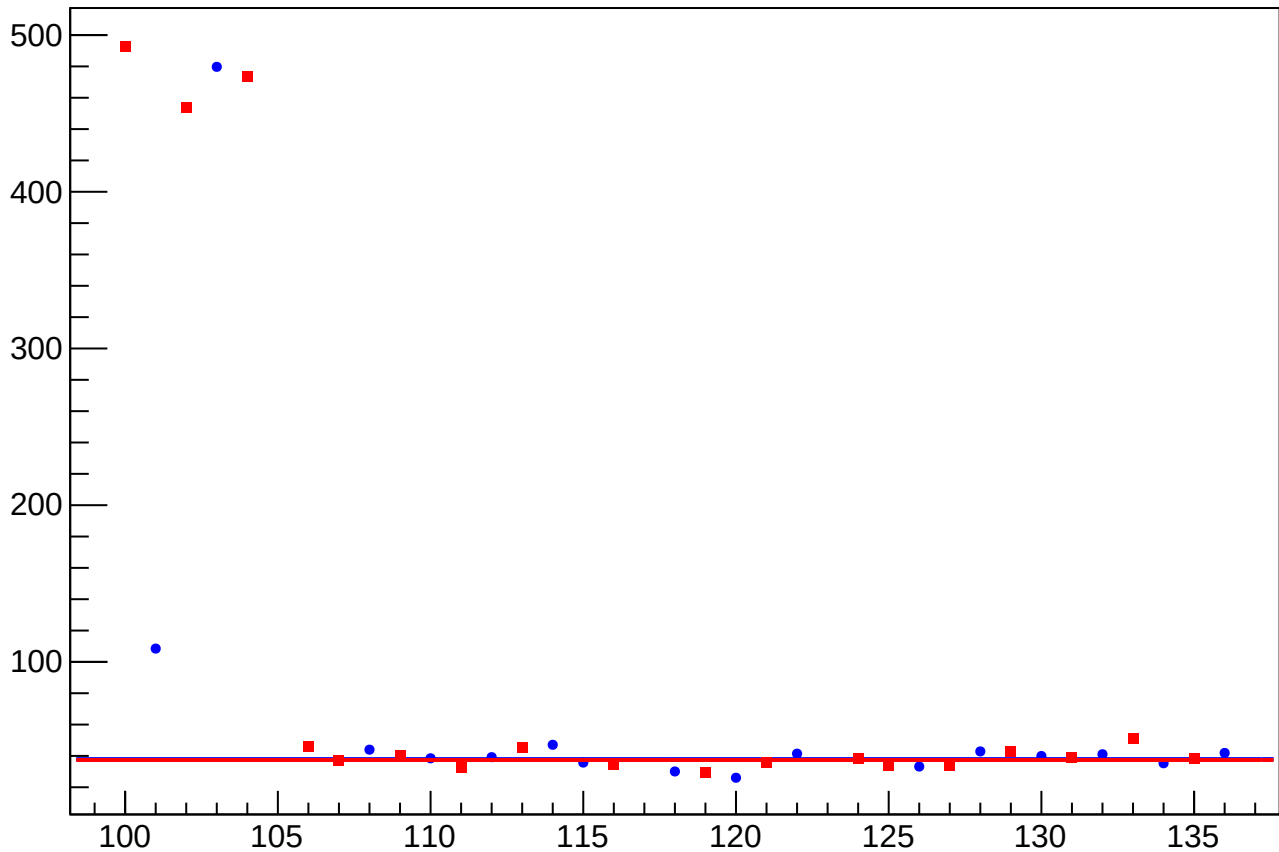
Right: 0.010 $\pm$ 0.011 χ^2 /NDF: 37.1/33

In: 0.014 $\pm$ 0.016 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.010 $\pm$ 0.011 χ^2 /NDF: 37.1/33

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: 37.400+/-0.011 χ^2/NDF : 1900406.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

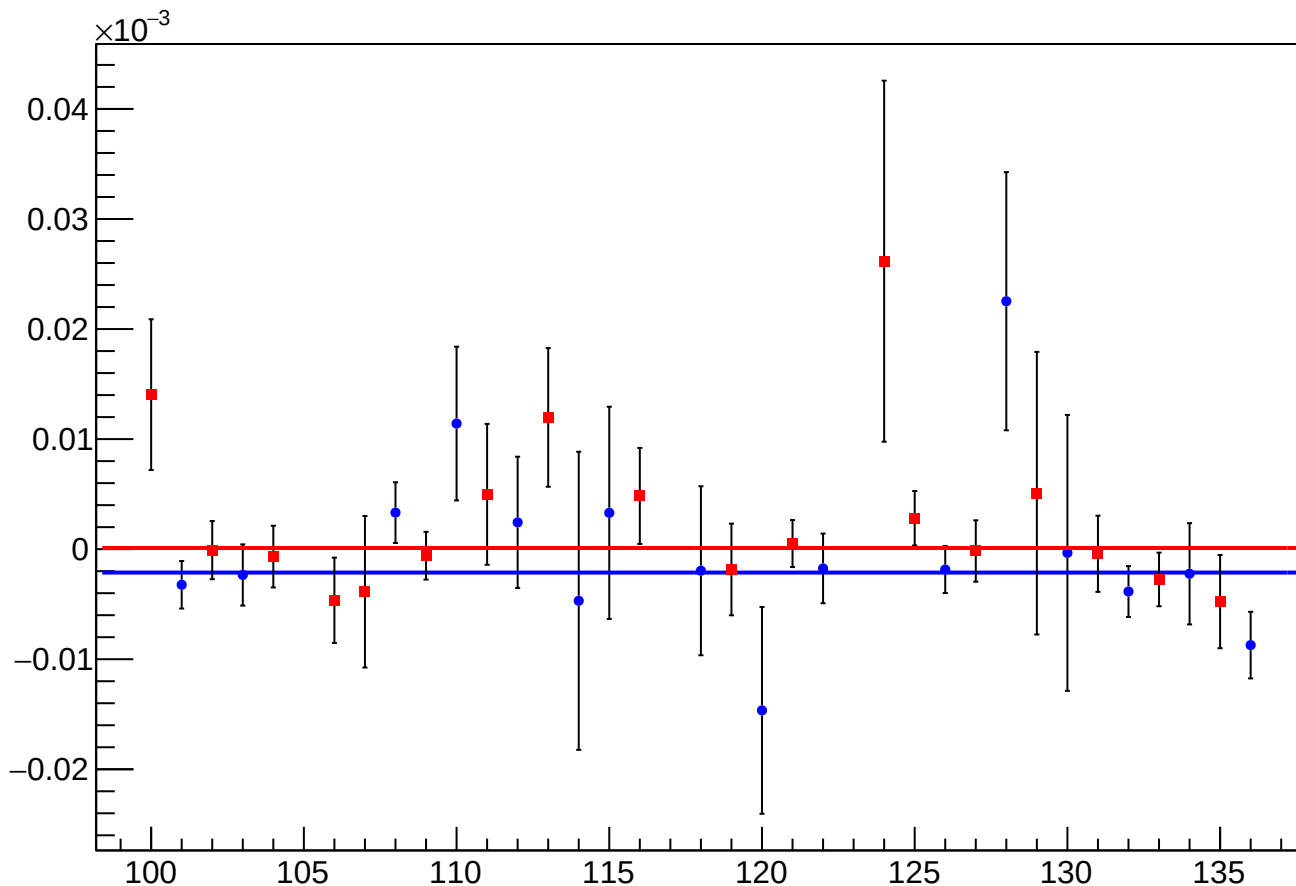
Right: 37.675+/-0.008 χ^2/NDF : 3641218.8/33

In: 37.942+/-0.011 χ^2/NDF :1739669.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.675+/-0.008 χ^2/NDF : 3641218.8/33

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 : 18.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

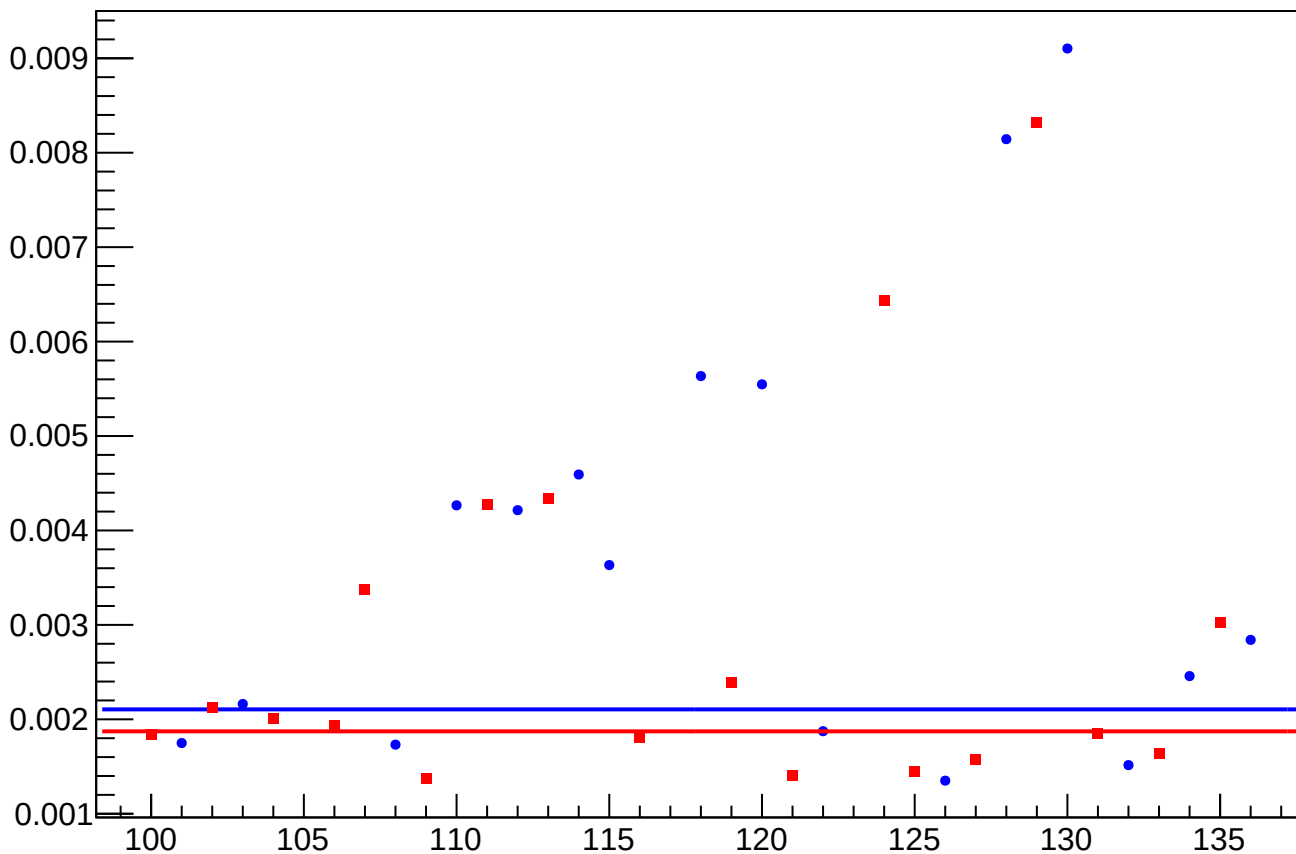
Right: -0.000+/-0.000 χ^2/NDF : 42.2/33

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 : 42.2/33

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 : 1849417.5/17

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 : 4942509.0/33

In: 0.002+/-0.000

χ^2/NDF :3017568.9/15

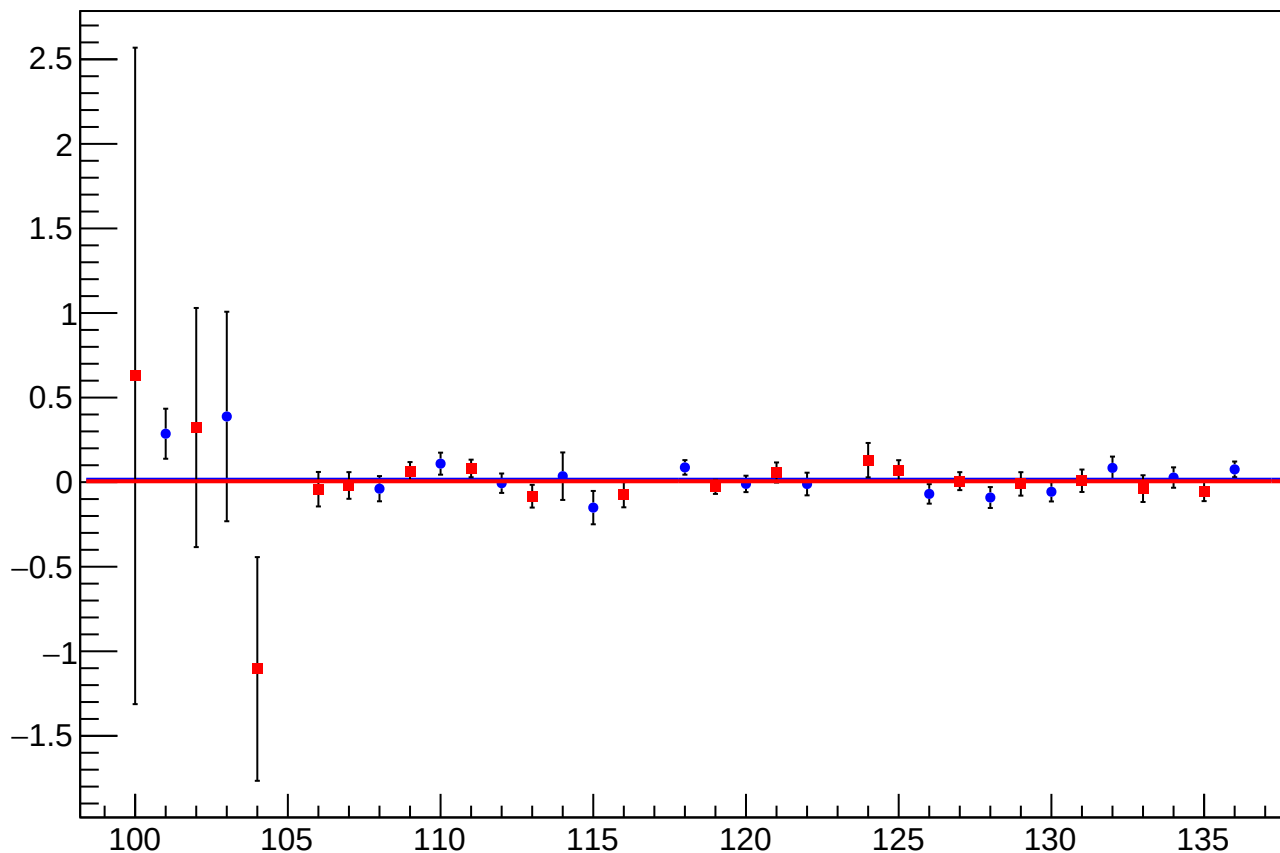
Out: 0.000+/-0.000

χ^2/NDF :0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4942509.0/33

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 : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

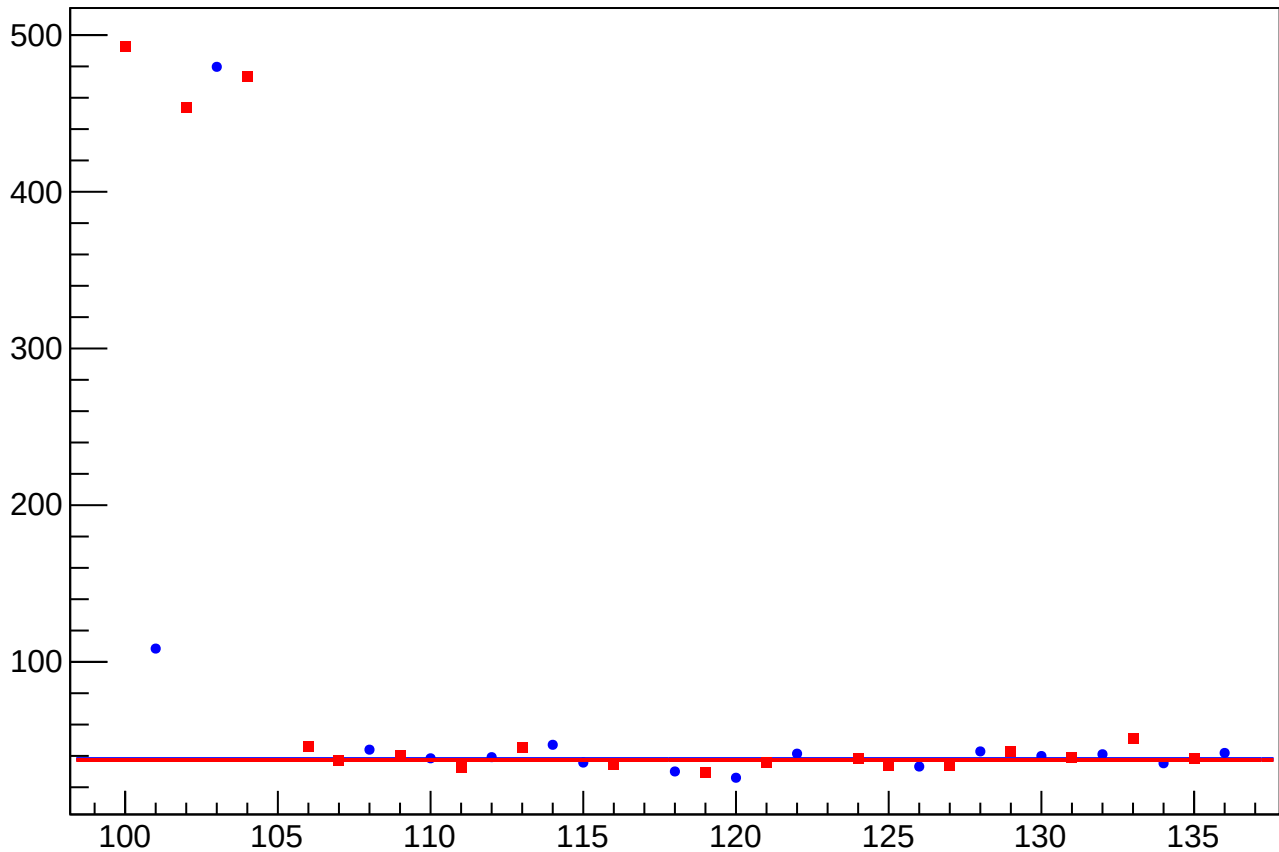
Right: 0.010+/-0.011 χ^2/NDF : 37.1/33

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 : 37.1/33

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: 37.398+/-0.011 χ^2/NDF : 1900474.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

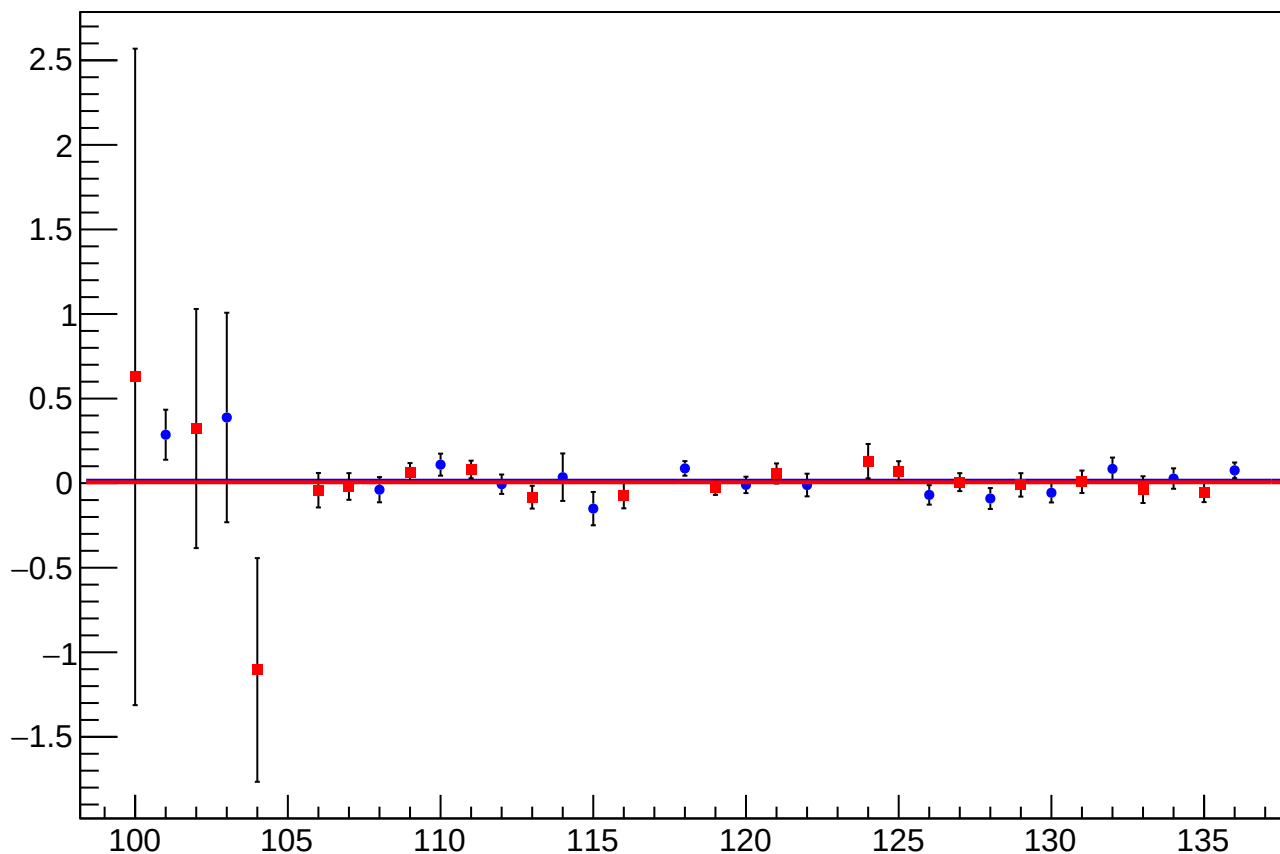
Right: 37.674+/-0.008 χ^2/NDF : 3641302.0/33

In: 37.942+/-0.011 χ^2/NDF : 1739681.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.674+/-0.008 χ^2/NDF : 3641302.0/33

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 : 14.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

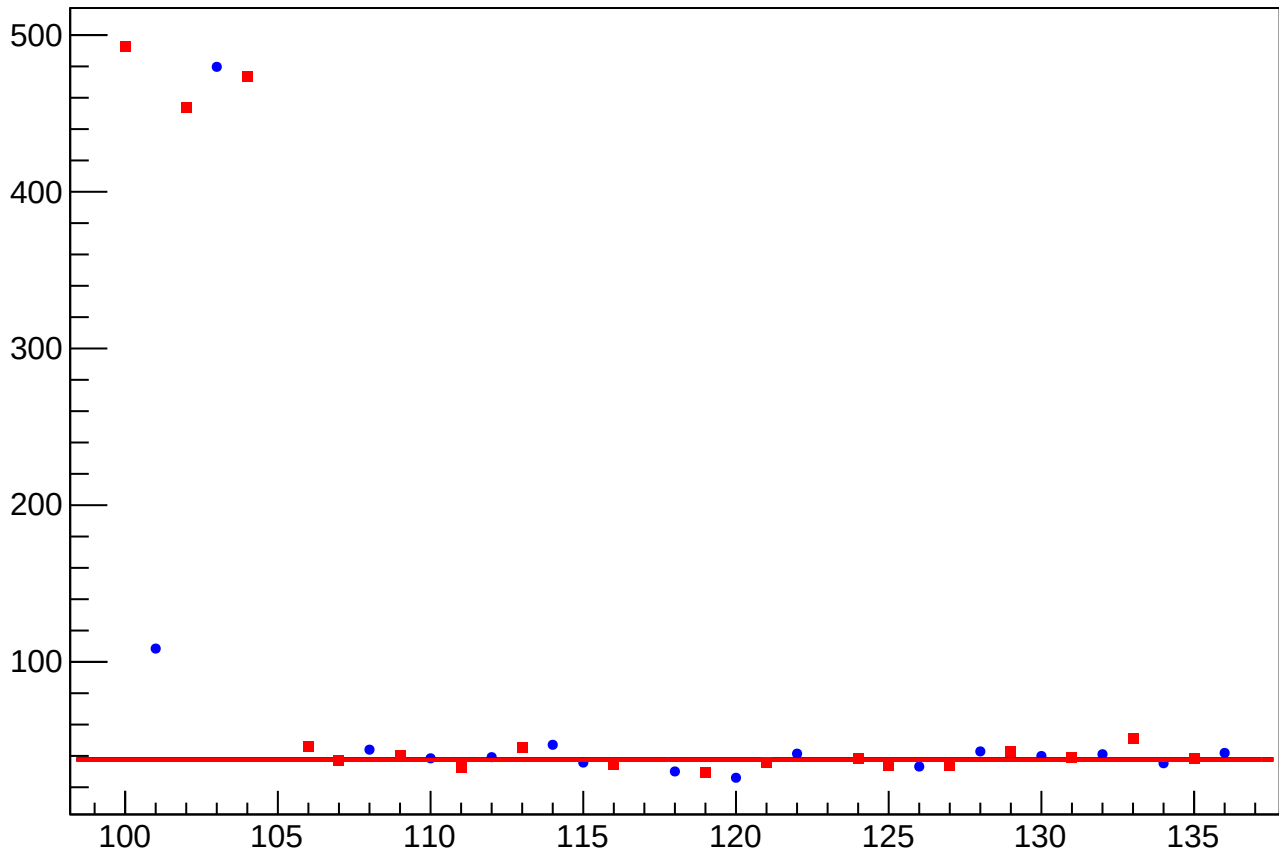
Right: 0.010+/-0.011 χ^2/NDF : 37.1/33

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 : 37.1/33

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 37.942 $\pm$ 0.011 χ^2 /NDF: 1739681.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.398 $\pm$ 0.011 χ^2 /NDF: 1900474.8/17

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

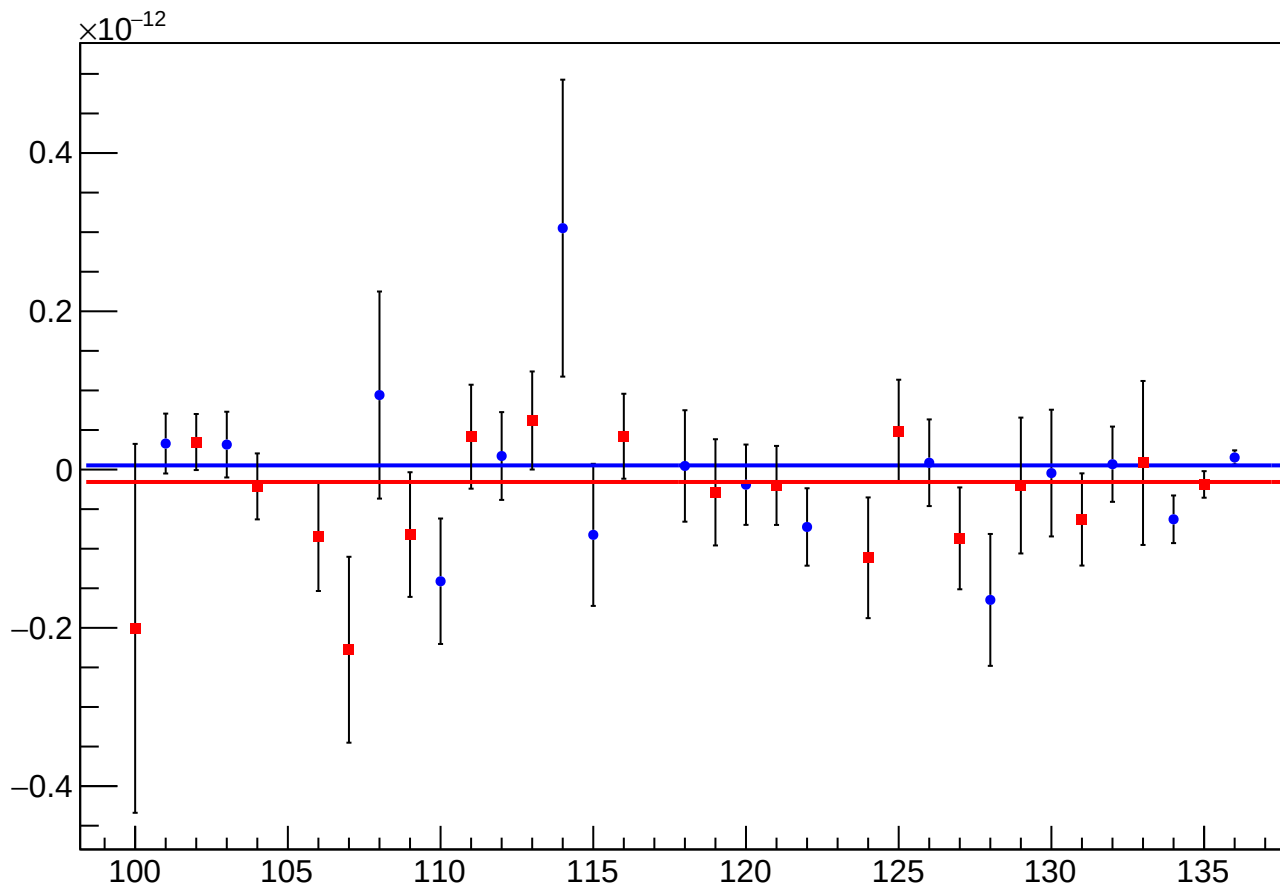
Right: 37.674 $\pm$ 0.008 χ^2 /NDF: 3641302.0/33

In: 37.942 $\pm$ 0.011 χ^2 /NDF:1739681.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 37.674 $\pm$ 0.008 χ^2 /NDF: 3641302.0/33

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 : 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

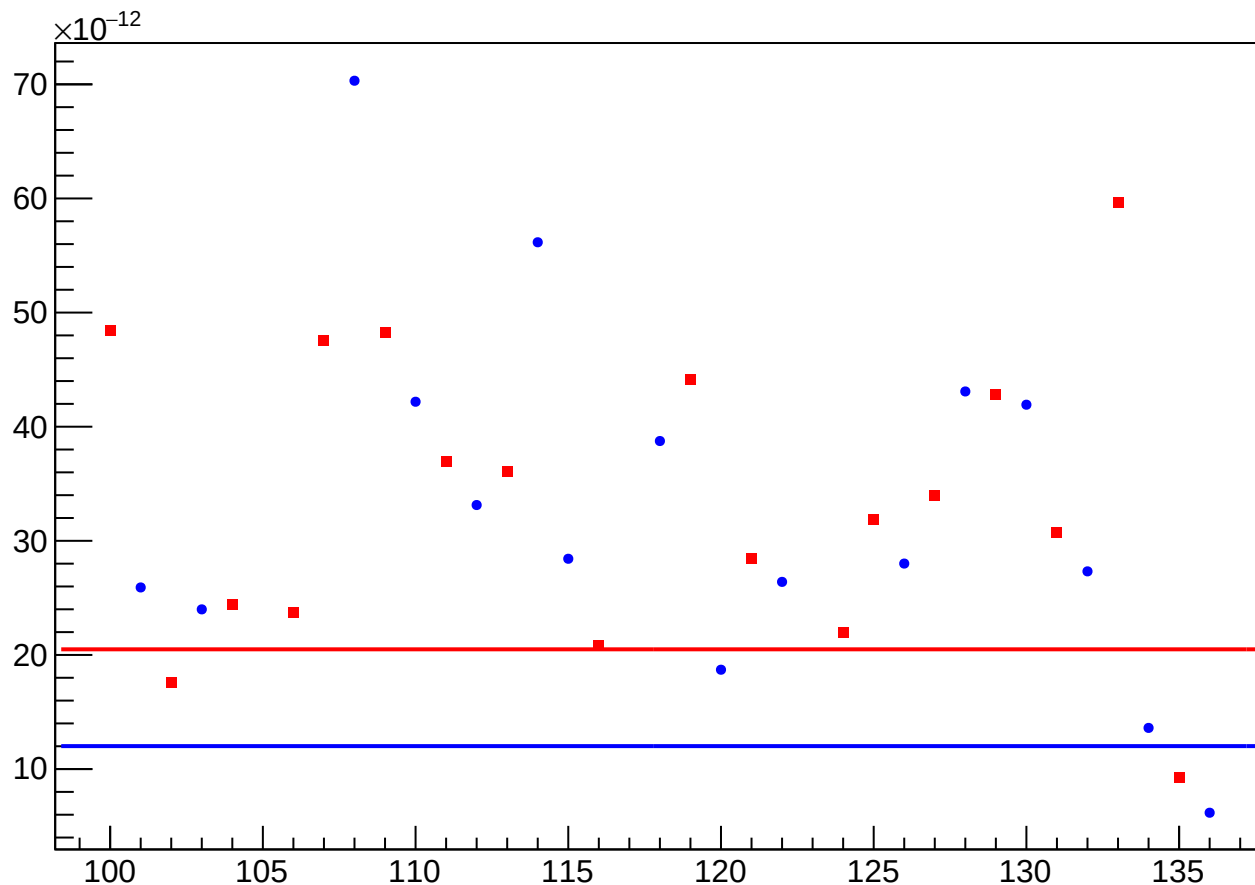
Right: -0.000+/-0.000 χ^2/NDF : 39.8/33

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 : 39.8/33

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 : 2496058.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

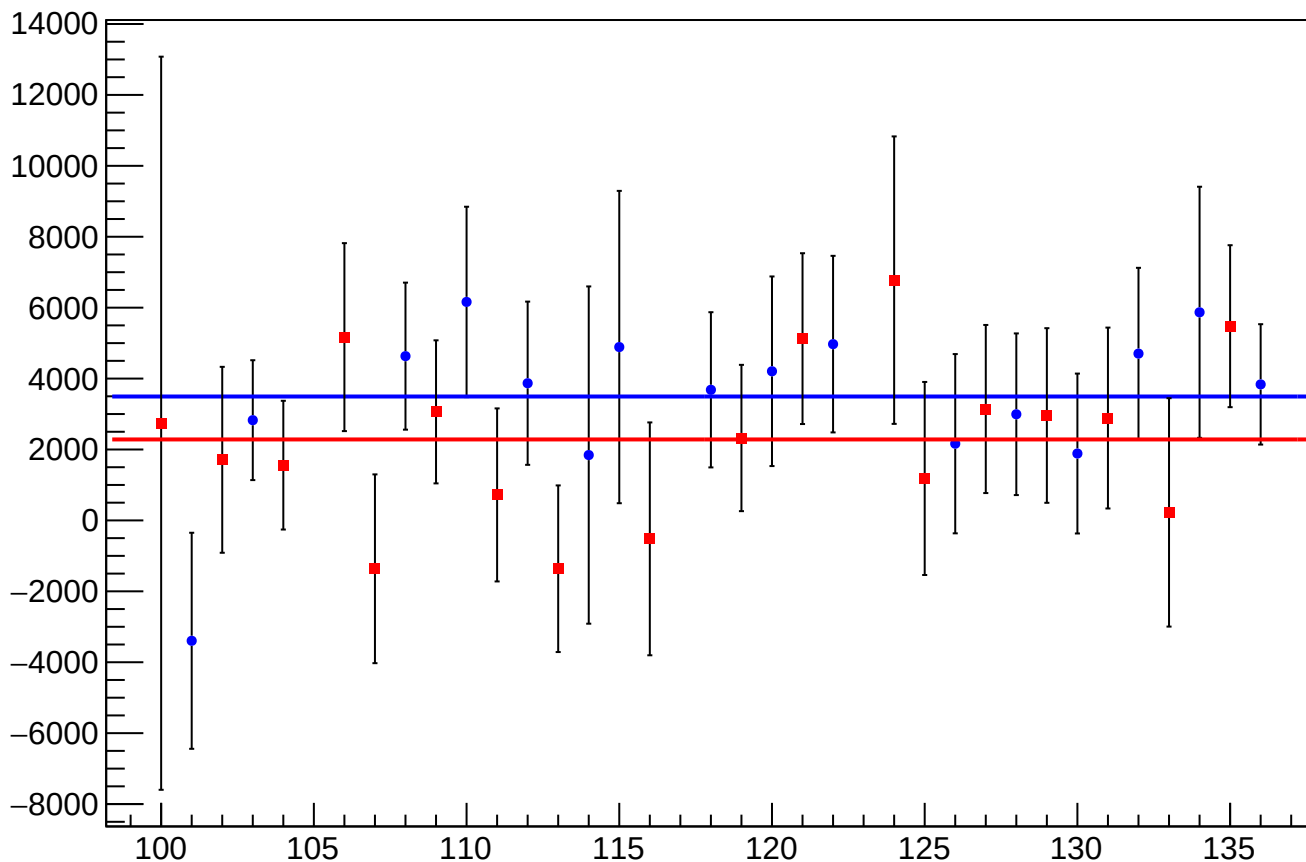
Right: 0.000+/-0.000 χ^2/NDF : 7156522.0/33

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 : 7156522.0/33

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: 2283.432+/-595.801 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

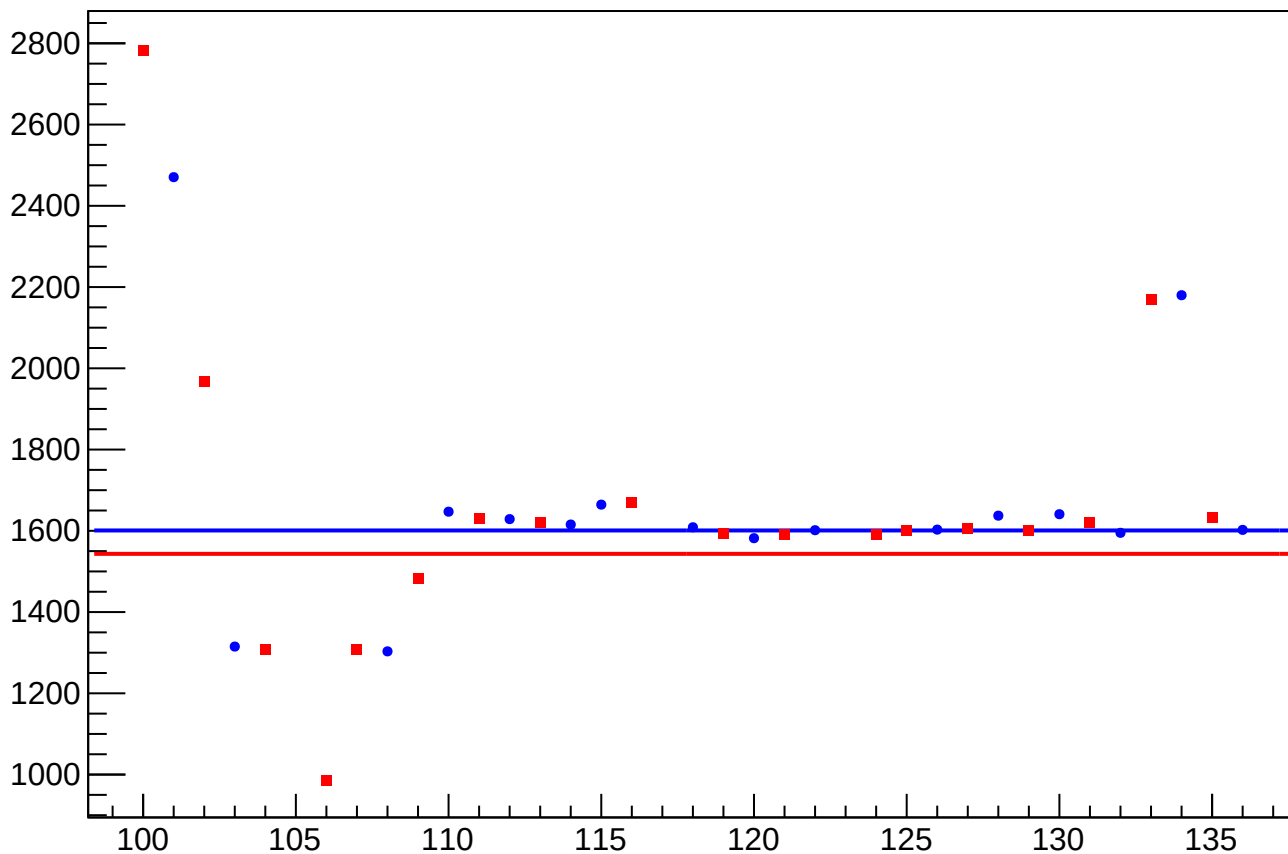
Right: 2883.459+/-423.186 χ^2/NDF : 23.2/33

In: 3494.380+/-601.185 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2883.459+/-423.186 χ^2/NDF : 23.2/33

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: 1543.282+/-0.414 χ^2/NDF : 375611.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

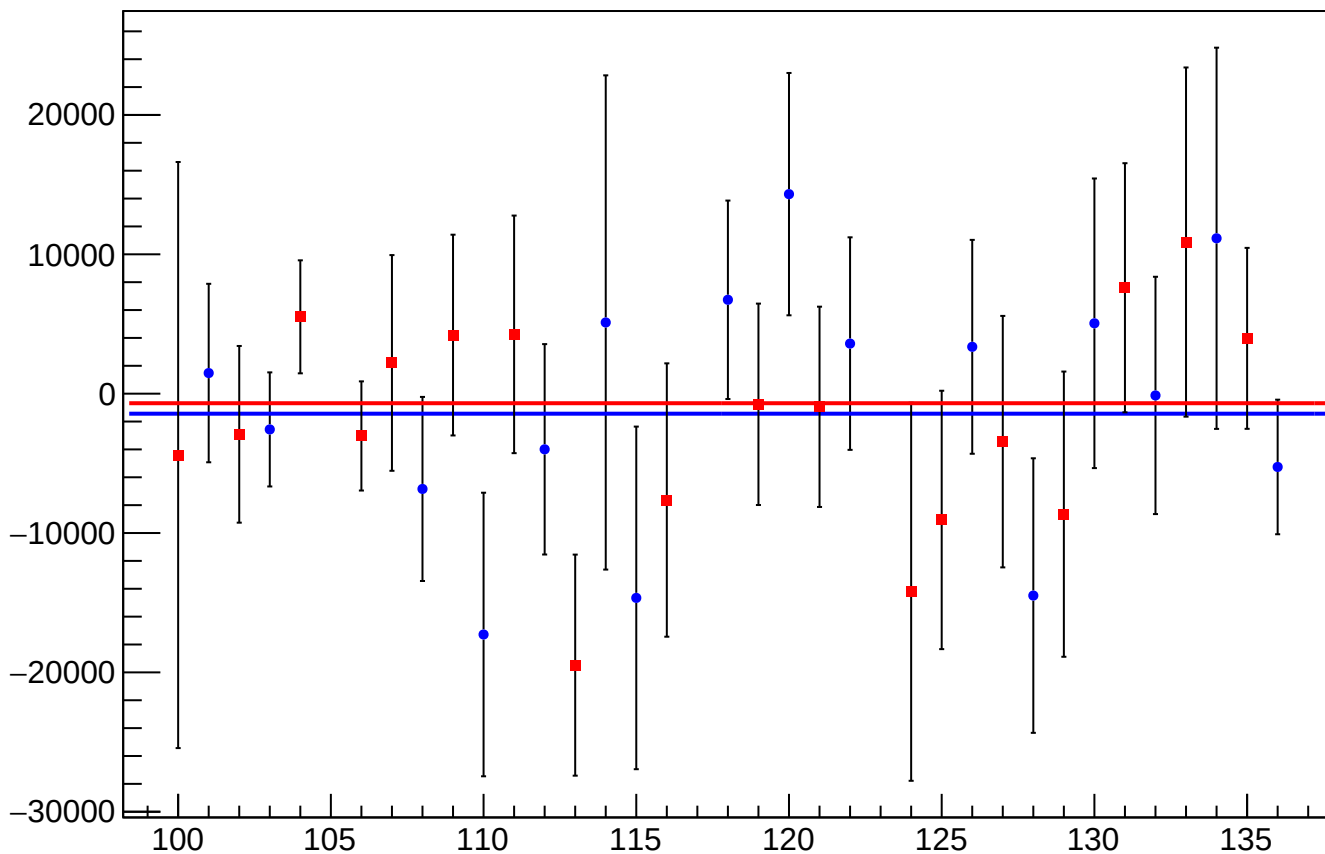
Right: 1571.324+/-0.297 χ^2/NDF : 702446.0/33

In: 1600.880+/-0.425 χ^2/NDF : 317414.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.324+/-0.297 χ^2/NDF : 702446.0/33

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: -685.404 $\pm$ 1692.244 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

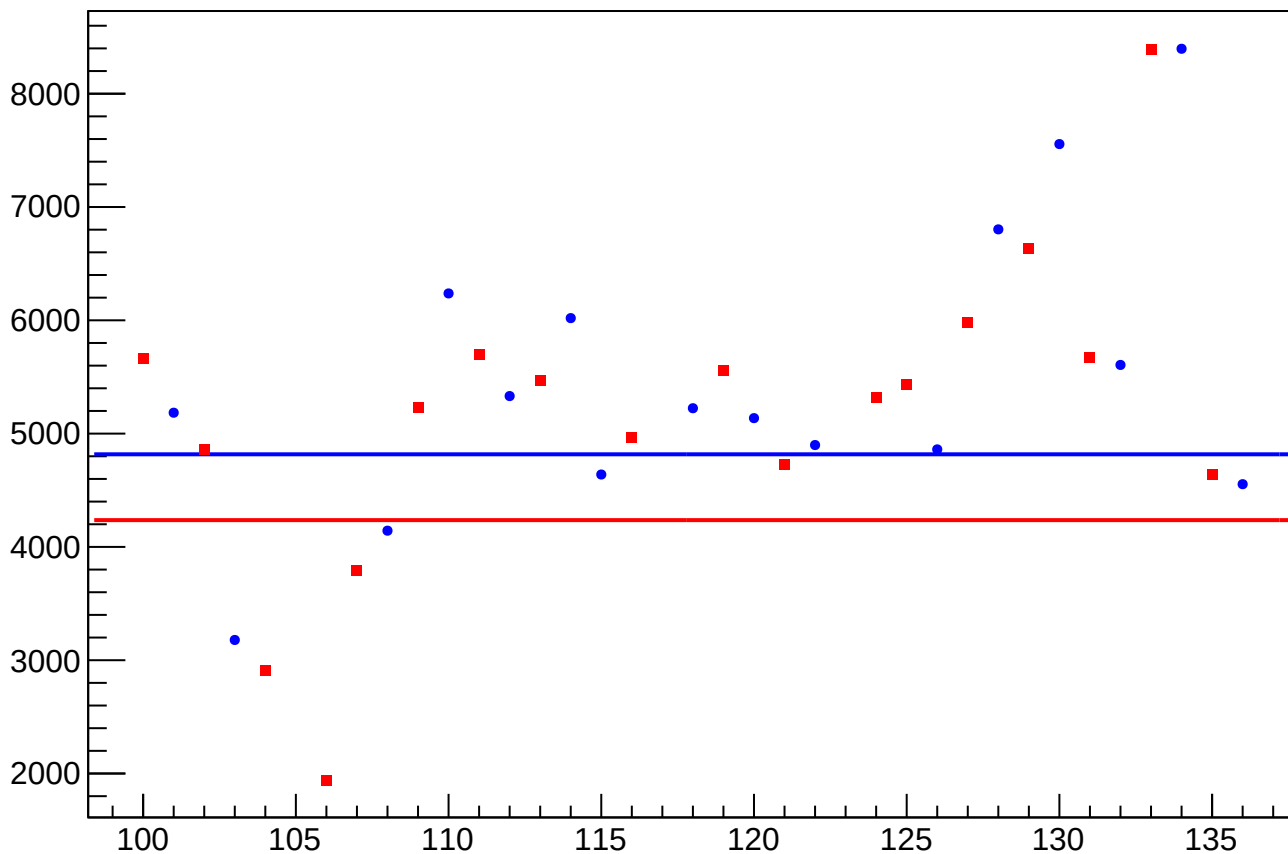
Right: -1028.195 $\pm$ 1248.123 χ^2 /NDF: 28.6/33

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: -1028.195 $\pm$ 1248.123 χ^2 /NDF: 28.6/33

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: 4236.429+/-1.197 χ^2/NDF : 1681011.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

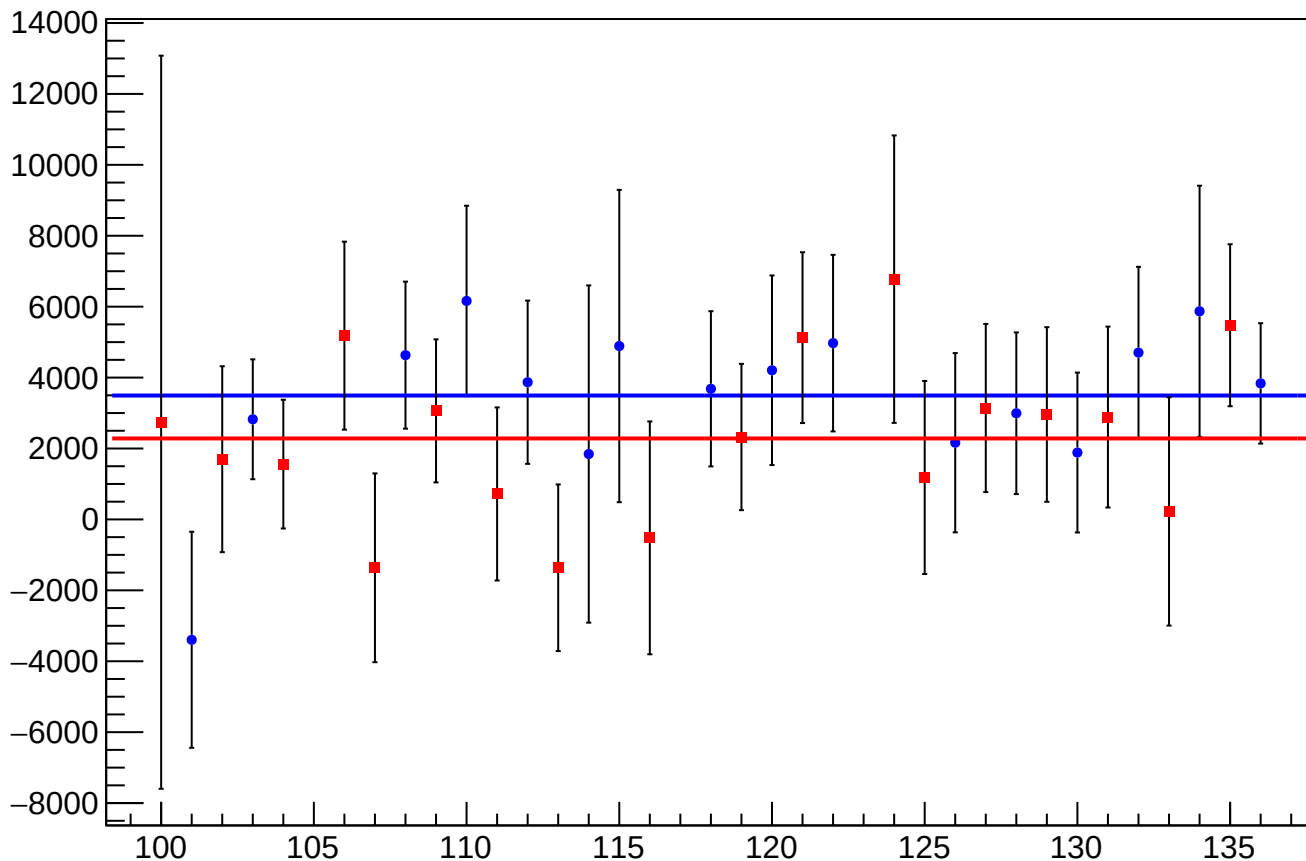
Right: 4501.333+/-0.883 χ^2/NDF : 2583917.5/33

In: 4817.344+/-1.307 χ^2/NDF : 795431.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4501.333+/-0.883 χ^2/NDF : 2583917.5/33

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: 2283.420 $\pm$ 595.804 χ^2 /NDF: 12.4/17

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

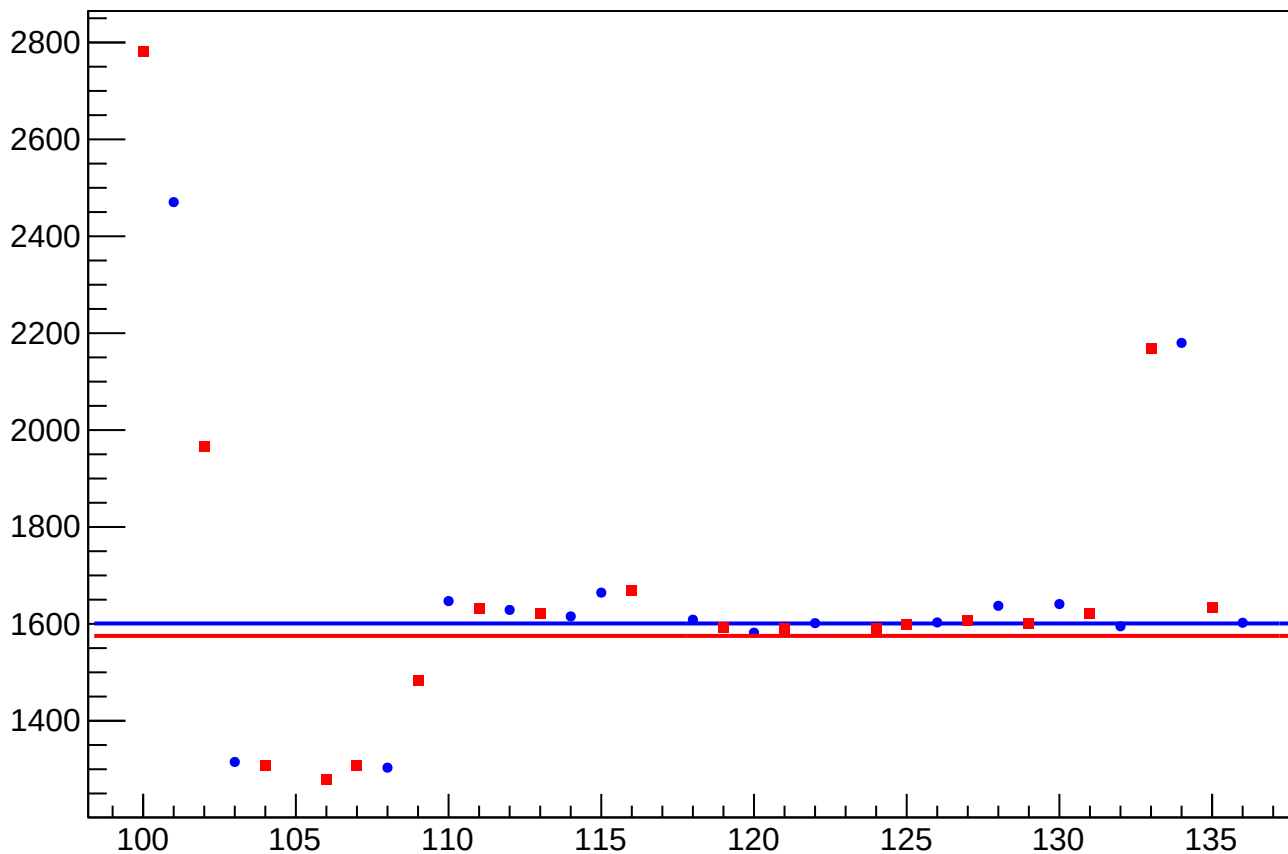
Right: 2883.291 $\pm$ 423.187 χ^2 /NDF: 23.2/33

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: 2883.291 $\pm$ 423.187 χ^2 /NDF: 23.2/33

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: 1575.197+/-0.420 χ^2/NDF : 243228.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

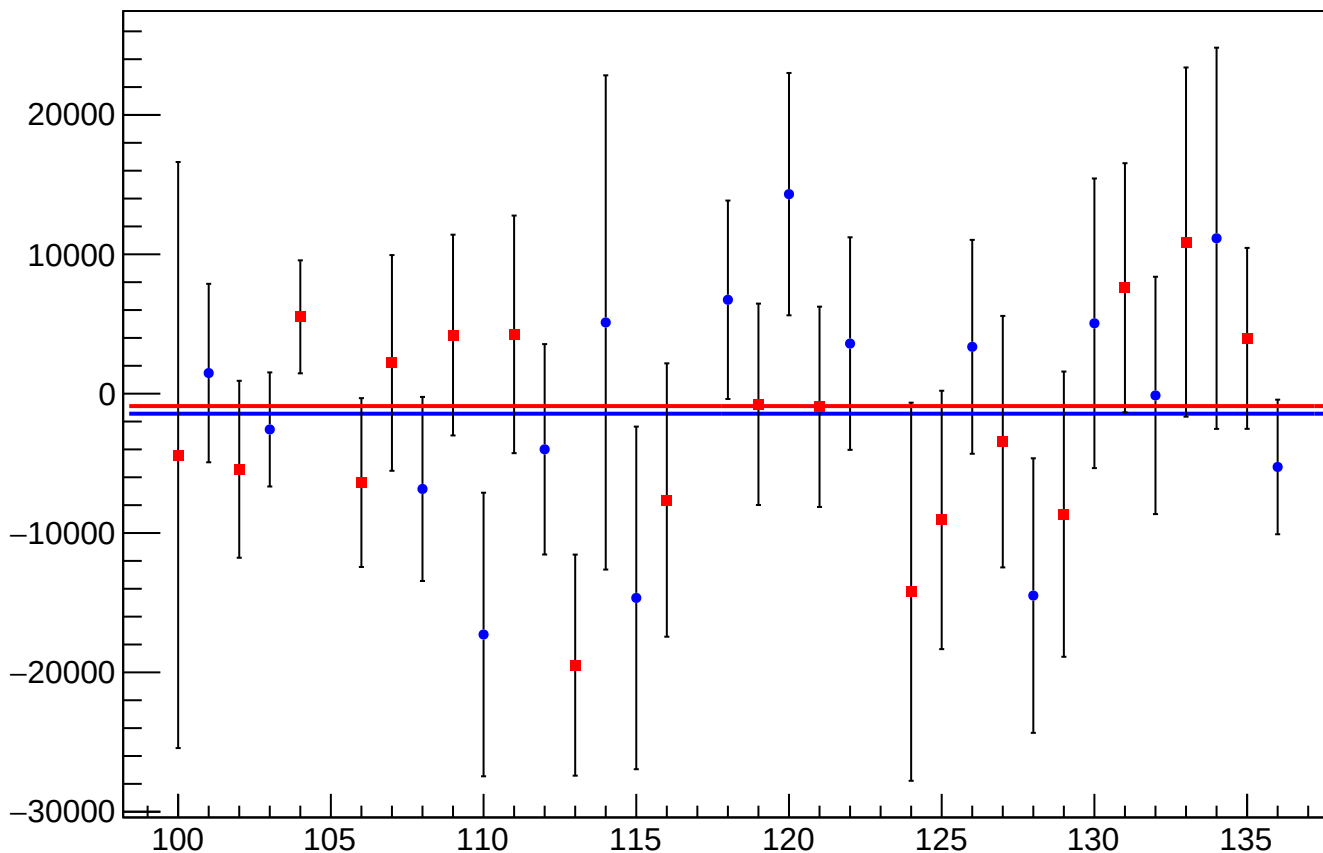
Right: 1587.871+/-0.299 χ^2/NDF : 562490.2/33

In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.871+/-0.299 χ^2/NDF : 562490.2/33

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: -891.706+/-1792.616 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

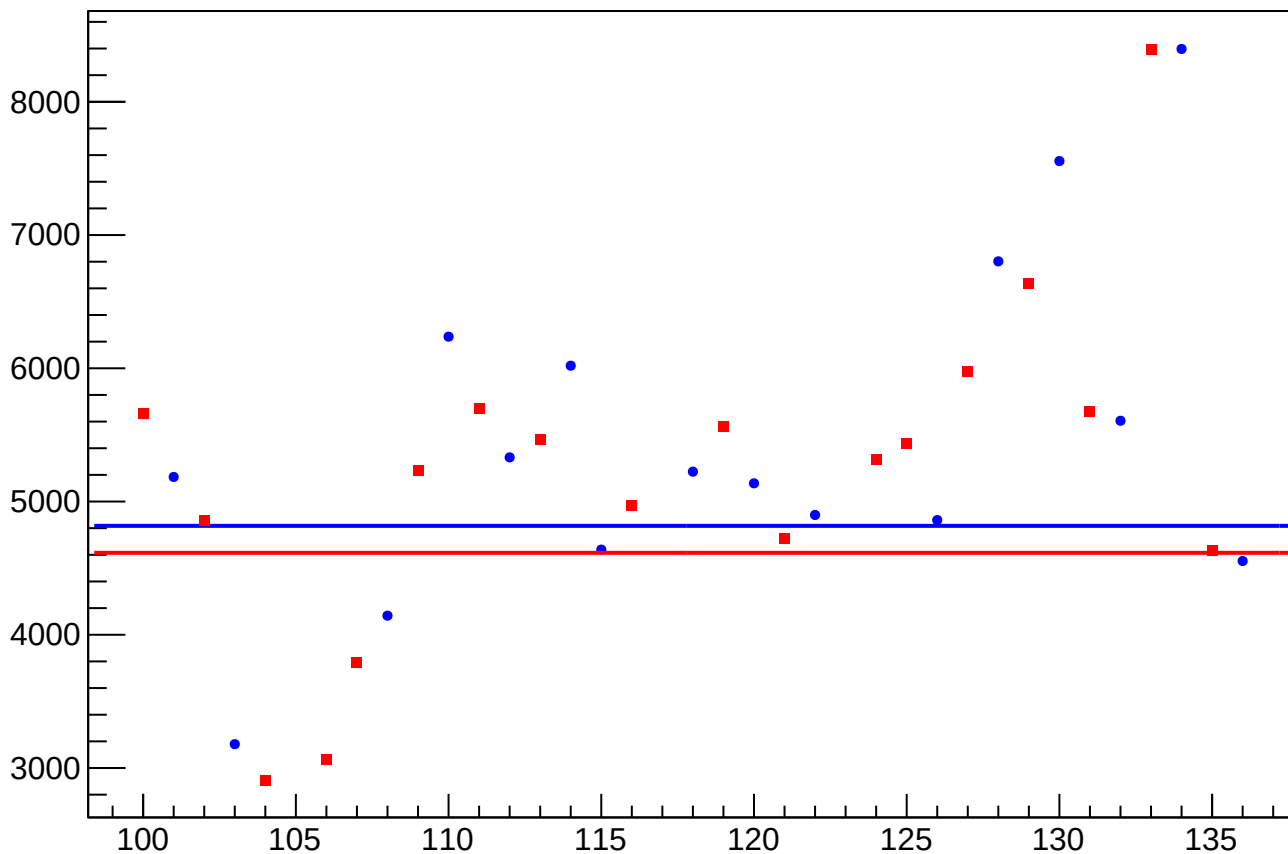
Right: -1156.187+/-1286.815 χ^2/NDF : 29.5/33

In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.187+/-1286.815 χ^2/NDF : 29.5/33

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: 4615.085+/-1.268 χ^2/NDF : 977926.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

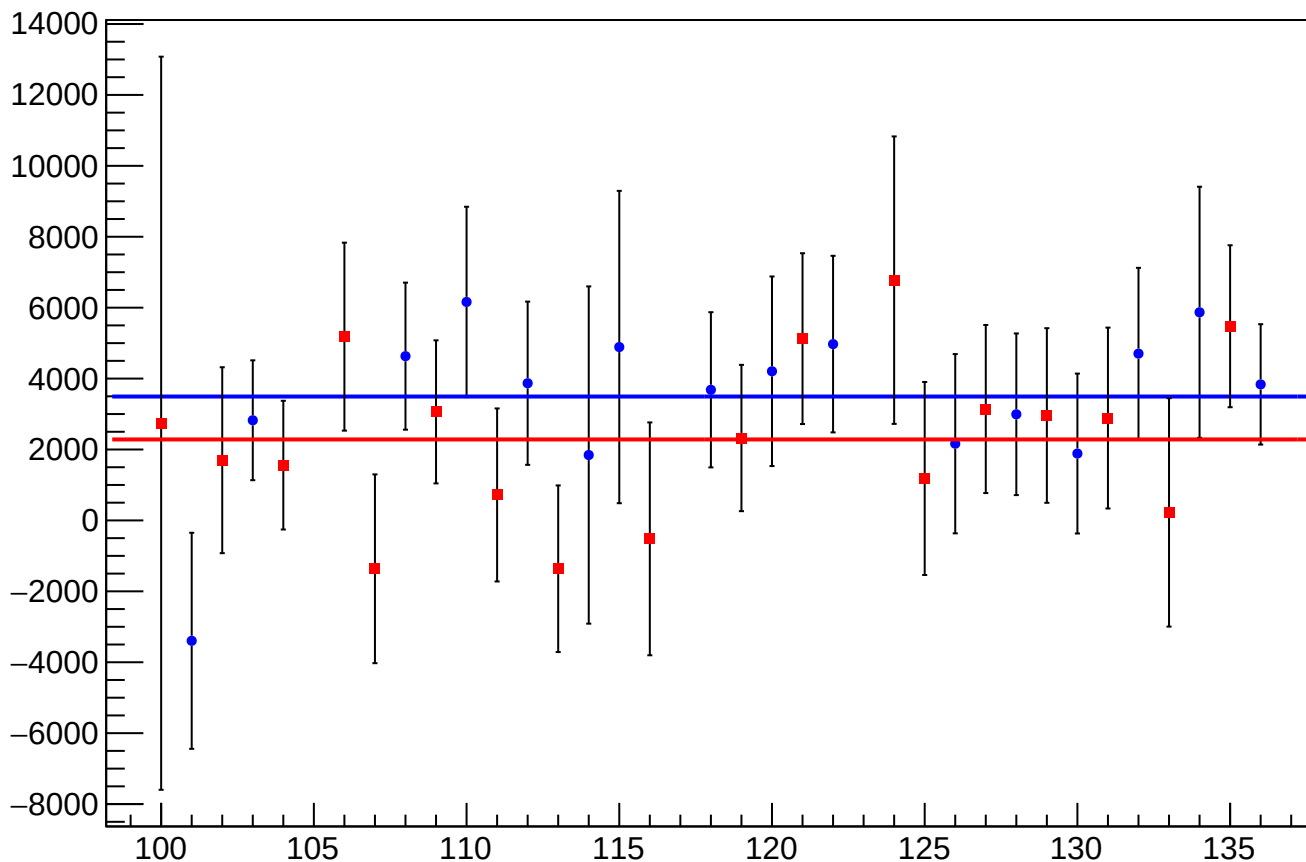
Right: 4713.186+/-0.910 χ^2/NDF : 1785517.5/33

In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4713.186+/-0.910 χ^2/NDF : 1785517.5/33

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: 2283.420+/-595.804 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

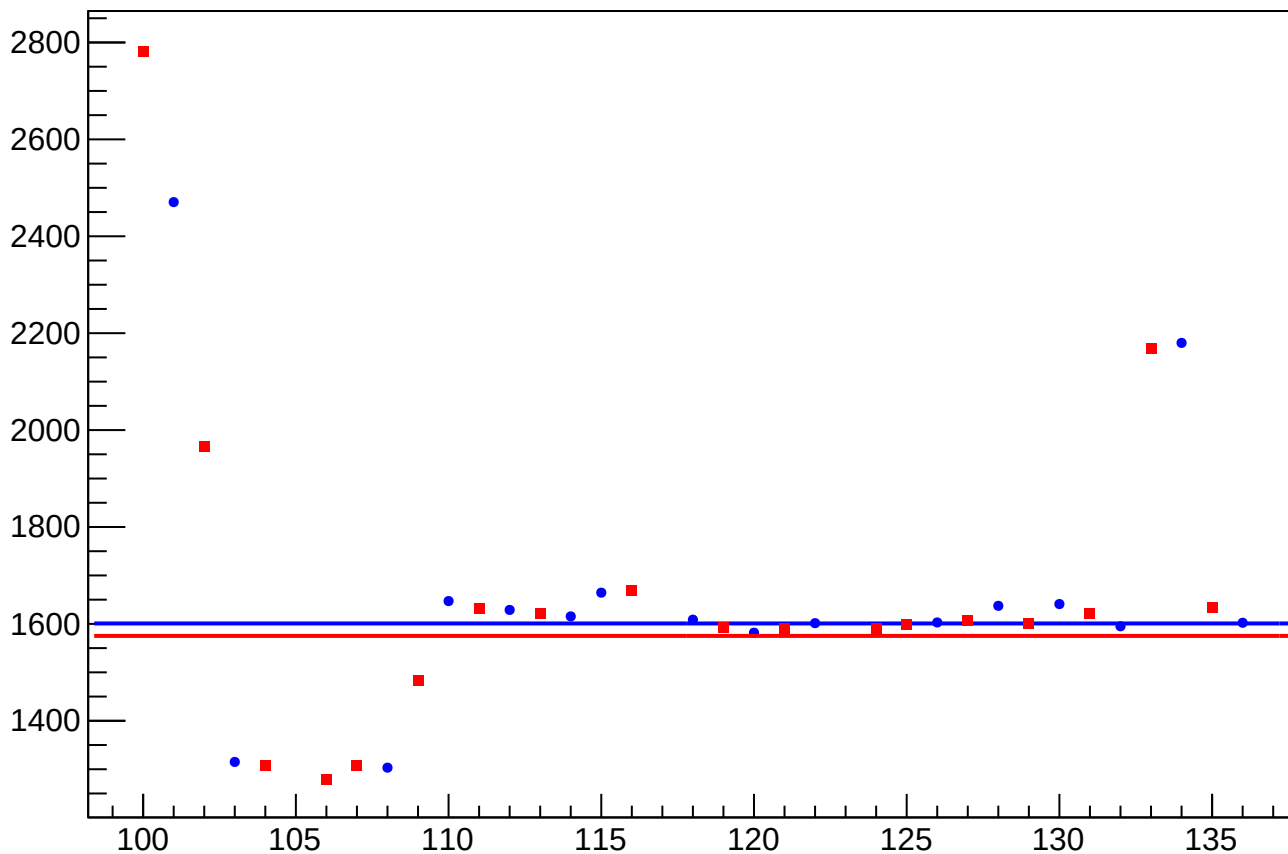
Right: 2883.291+/-423.187 χ^2/NDF : 23.2/33

In: 3494.046+/-601.185 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2883.291+/-423.187 χ^2/NDF : 23.2/33

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: 1575.197+/-0.420 χ^2/NDF : 243228.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

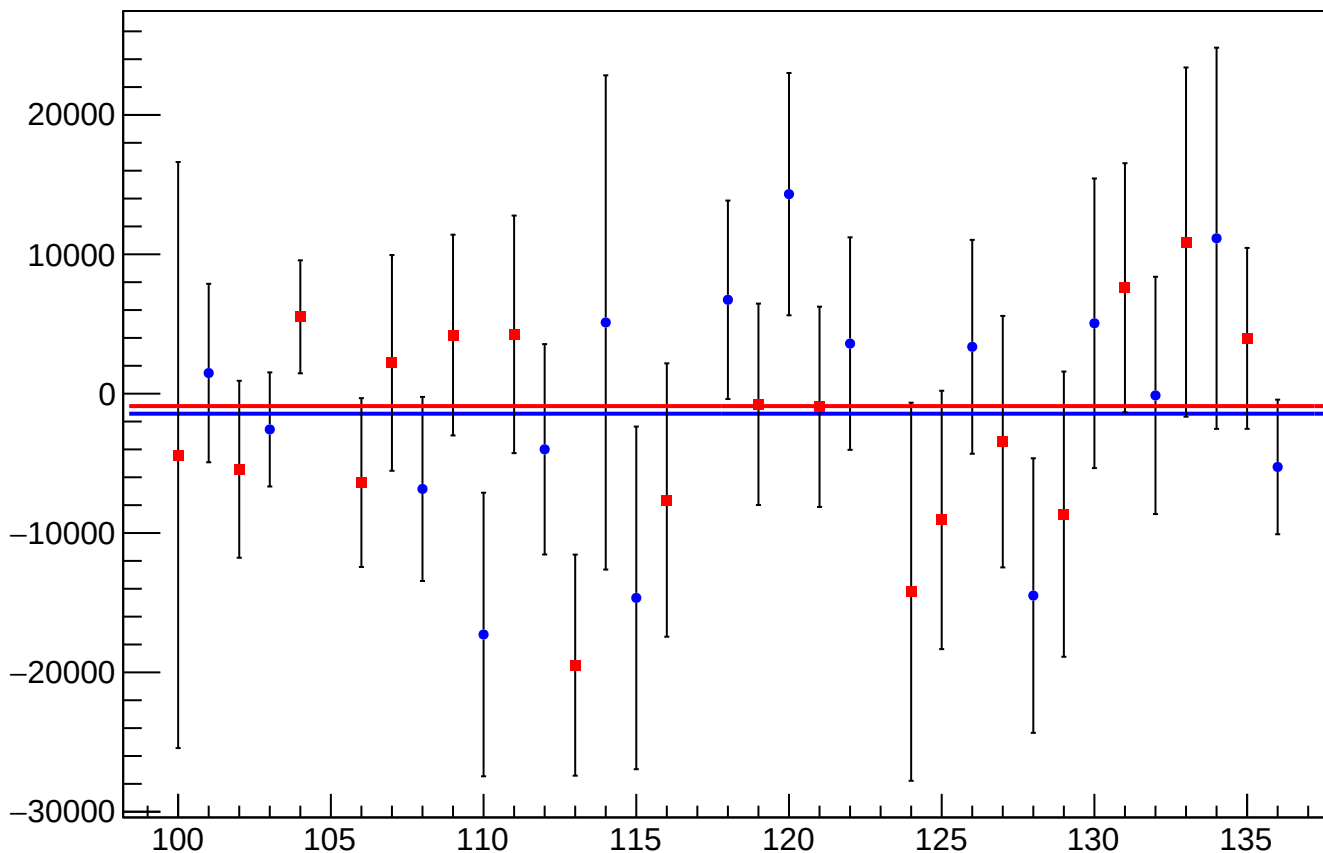
Right: 1587.871+/-0.299 χ^2/NDF : 562490.2/33

In: 1600.880+/-0.425 χ^2/NDF : 317413.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1587.871+/-0.299 χ^2/NDF : 562490.2/33

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: -891.706+/-1792.616 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

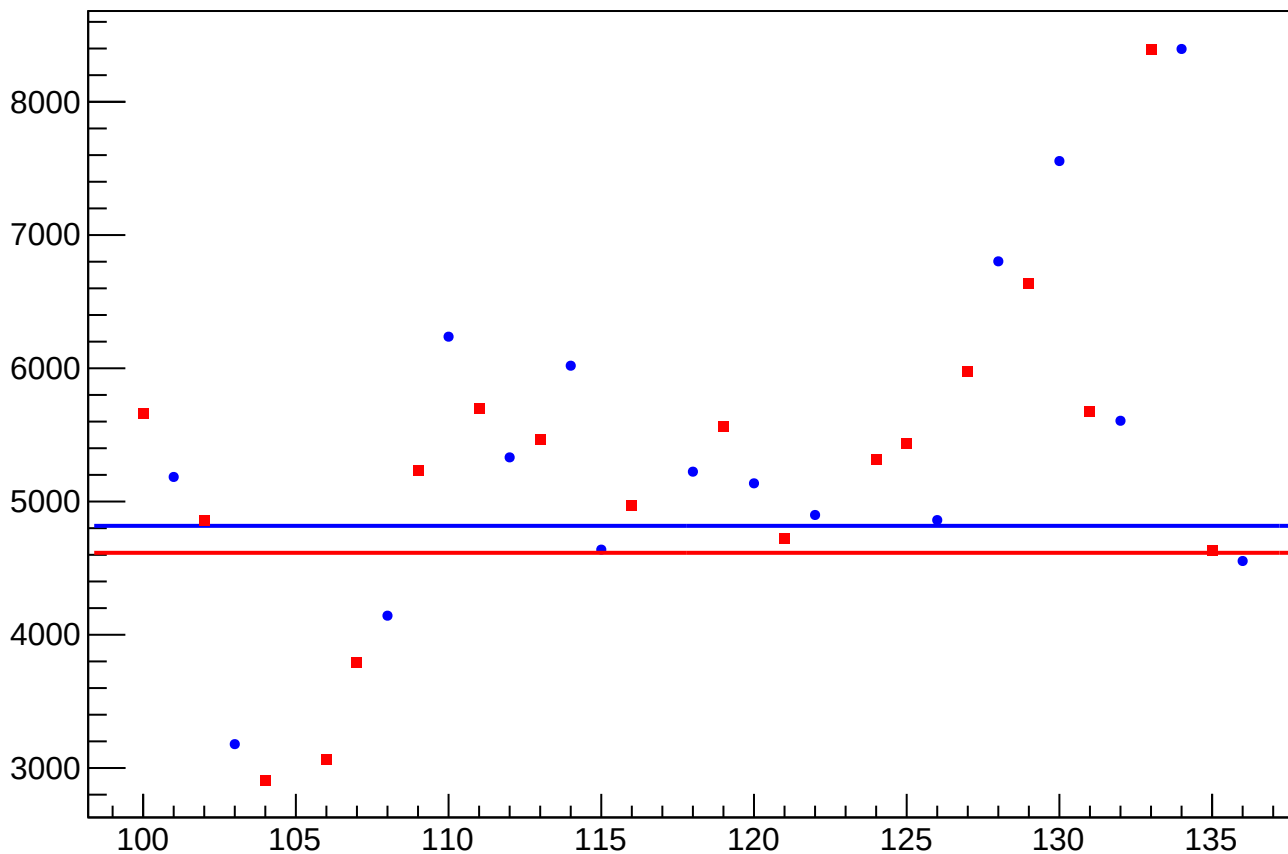
Right: -1156.187+/-1286.815 χ^2/NDF : 29.5/33

In: -1437.362+/-1848.324 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1156.187+/-1286.815 χ^2/NDF : 29.5/33

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: 4615.085+/-1.268 χ^2/NDF : 977926.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

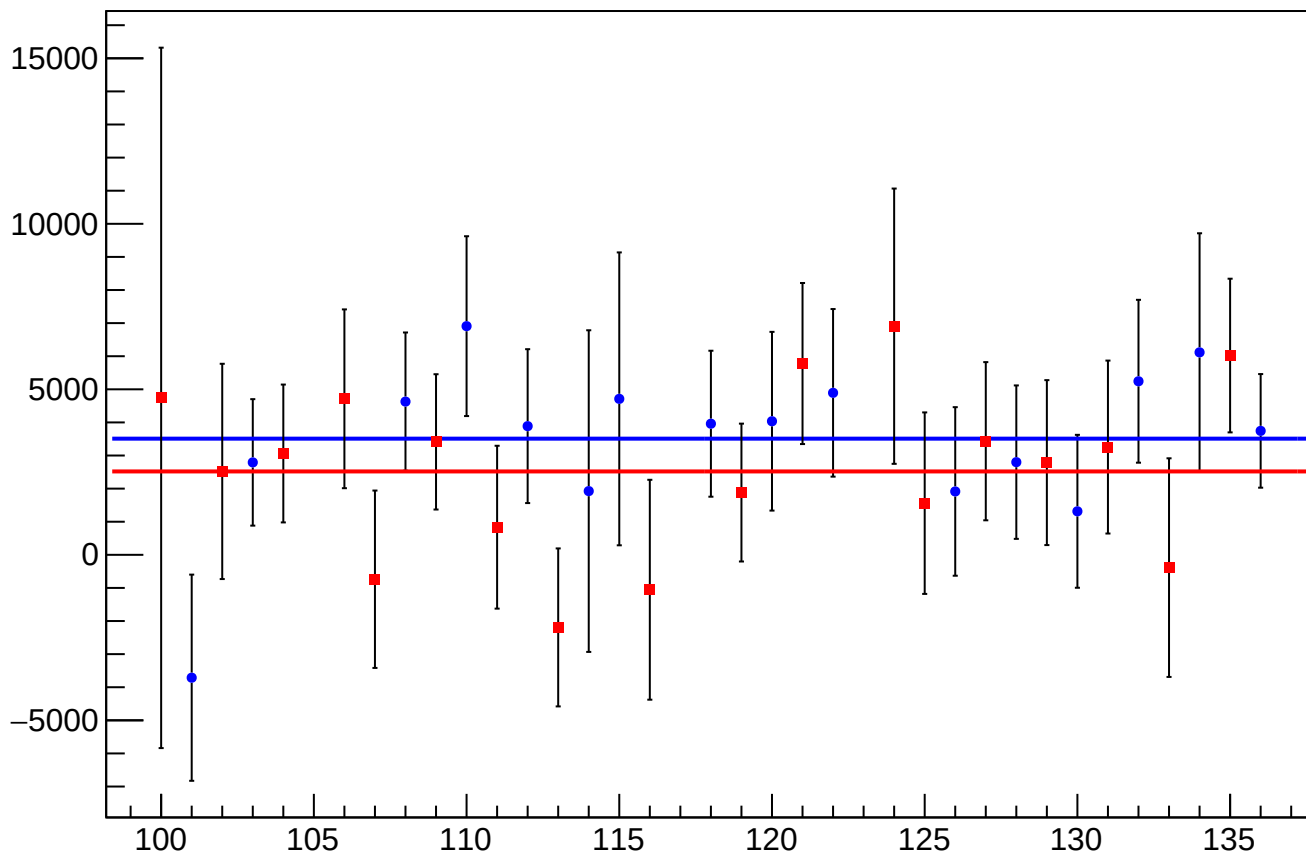
Right: 4713.186+/-0.910 χ^2/NDF : 1785517.5/33

In: 4817.480+/-1.307 χ^2/NDF : 795233.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4713.186+/-0.910 χ^2/NDF : 1785517.5/33

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: 2519.215+/-616.400 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

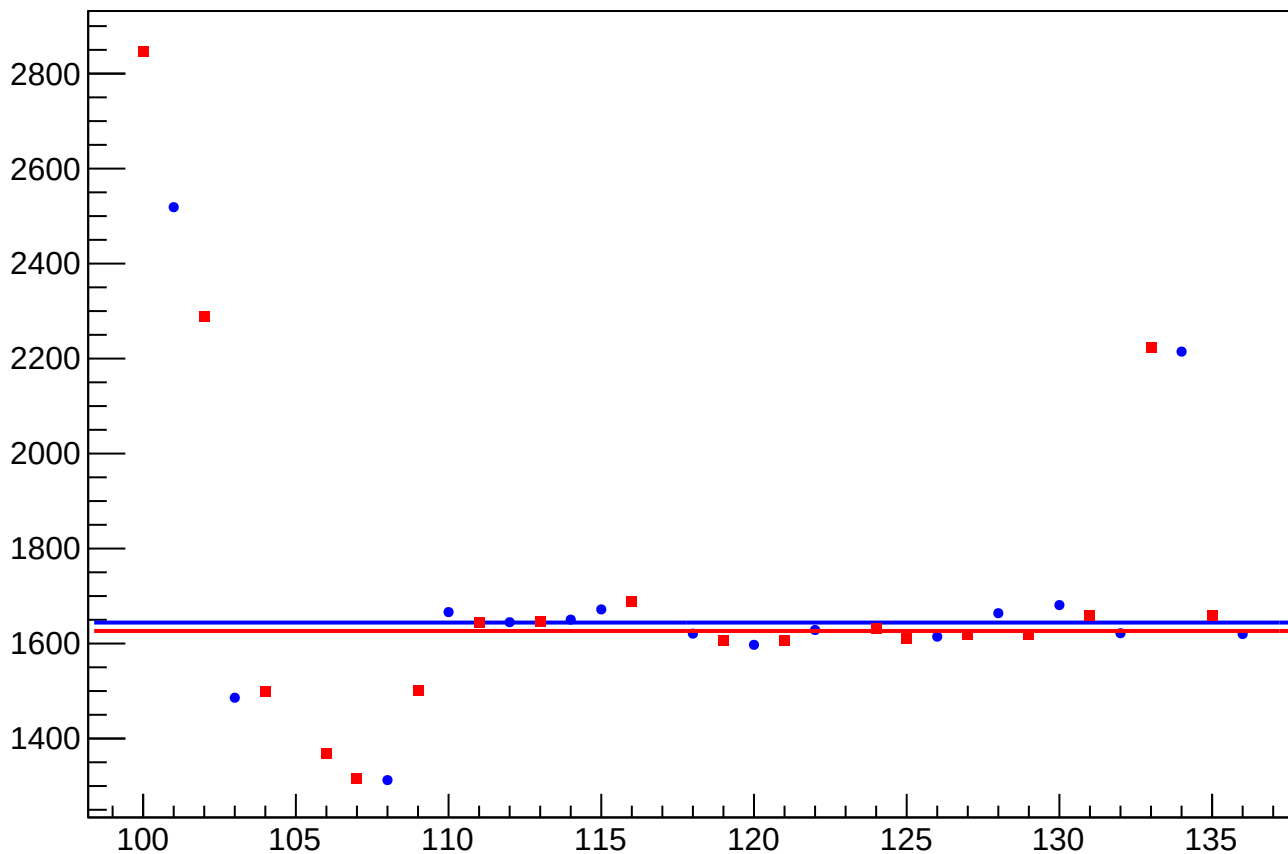
Right: 3014.101+/-435.975 χ^2/NDF : 26.1/33

In: 3509.507+/-616.724 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3014.101+/-435.975 χ^2/NDF : 26.1/33

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: 1626.501+/-0.435 χ^2/NDF : 237619.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

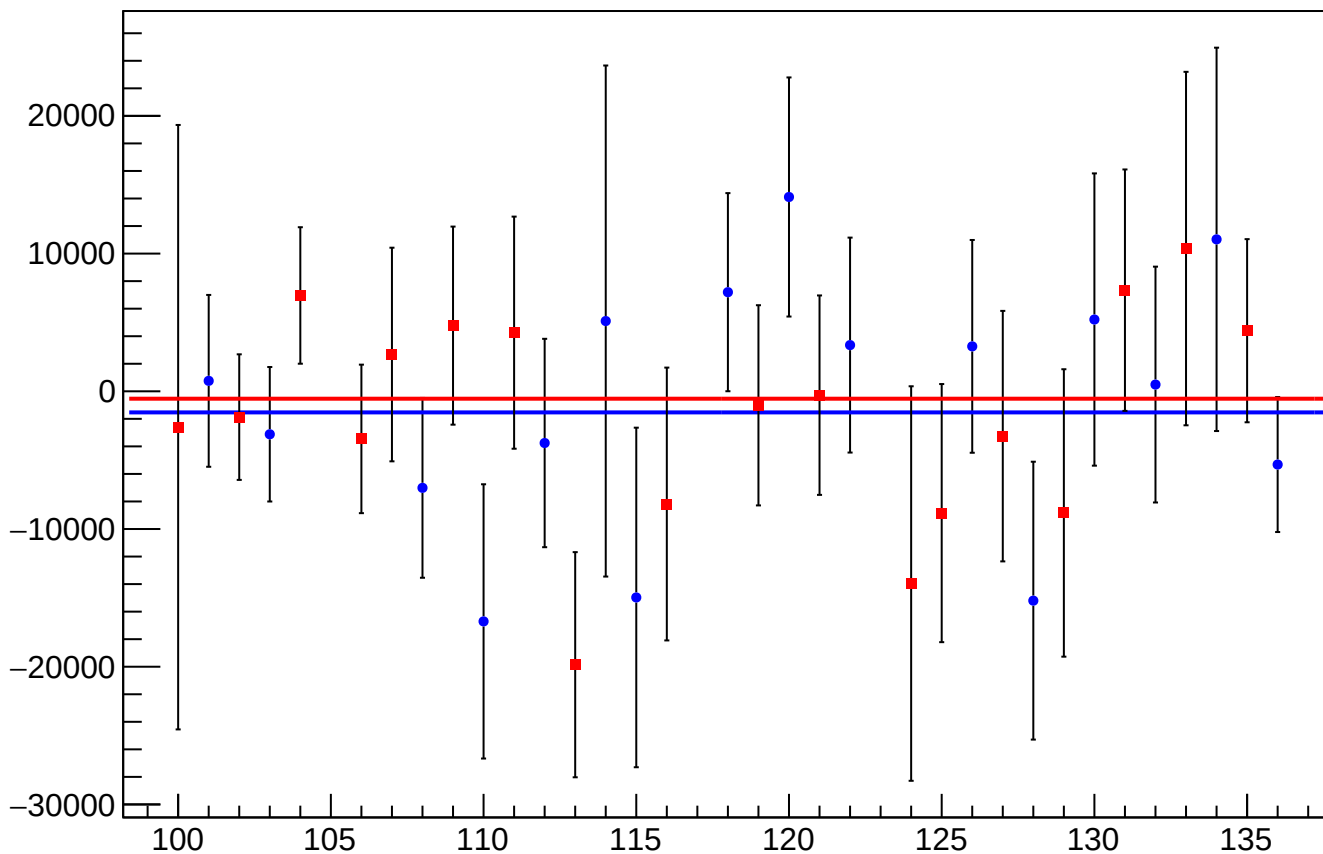
Right: 1635.337+/-0.308 χ^2/NDF : 513262.1/33

In: 1644.198+/-0.436 χ^2/NDF : 274817.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.337+/-0.308 χ^2/NDF : 513262.1/33

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: -537.645+/-1774.112 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

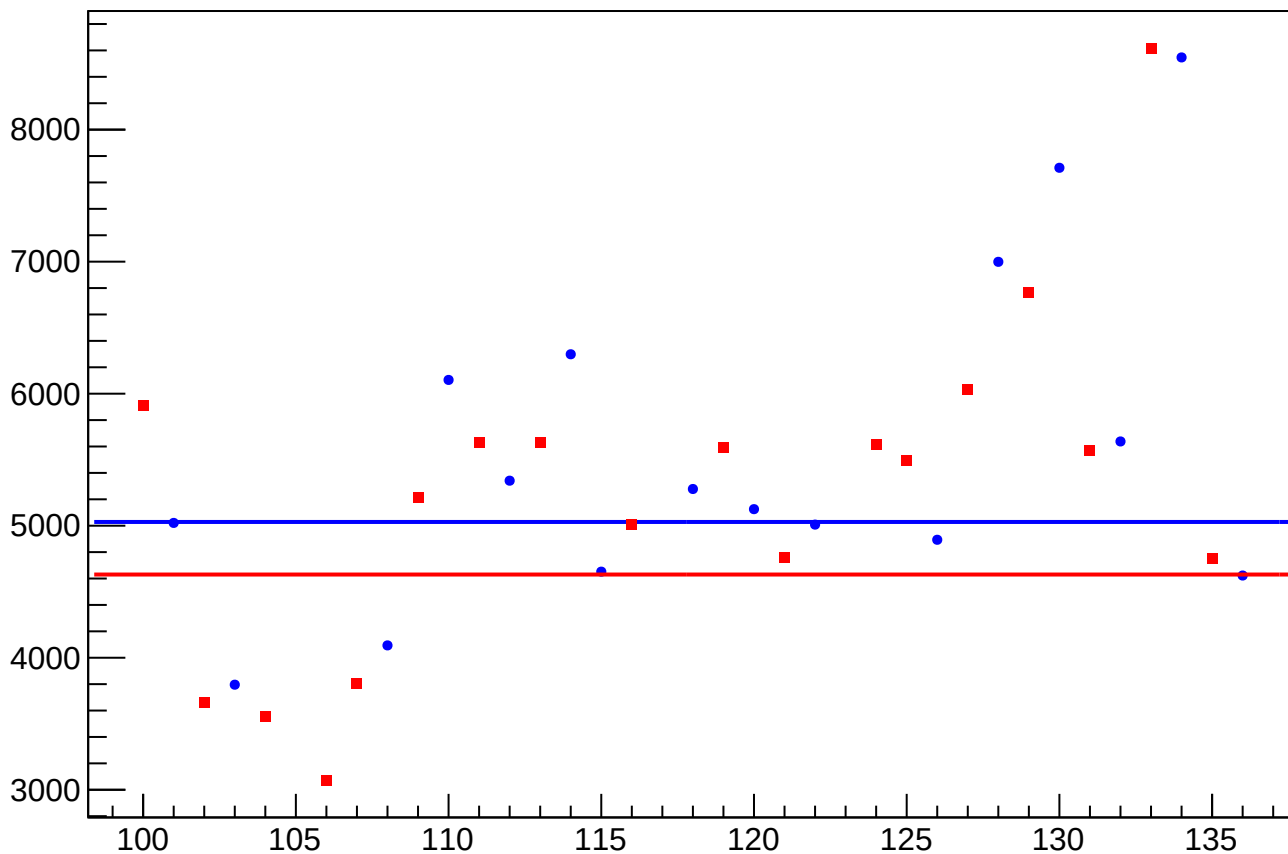
Right: -997.264+/-1301.070 χ^2/NDF : 28.4/33

In: -1532.110+/-1913.799 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -997.264+/-1301.070 χ^2/NDF : 28.4/33

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: 4630.261+/-1.254 χ^2/NDF : 863505.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

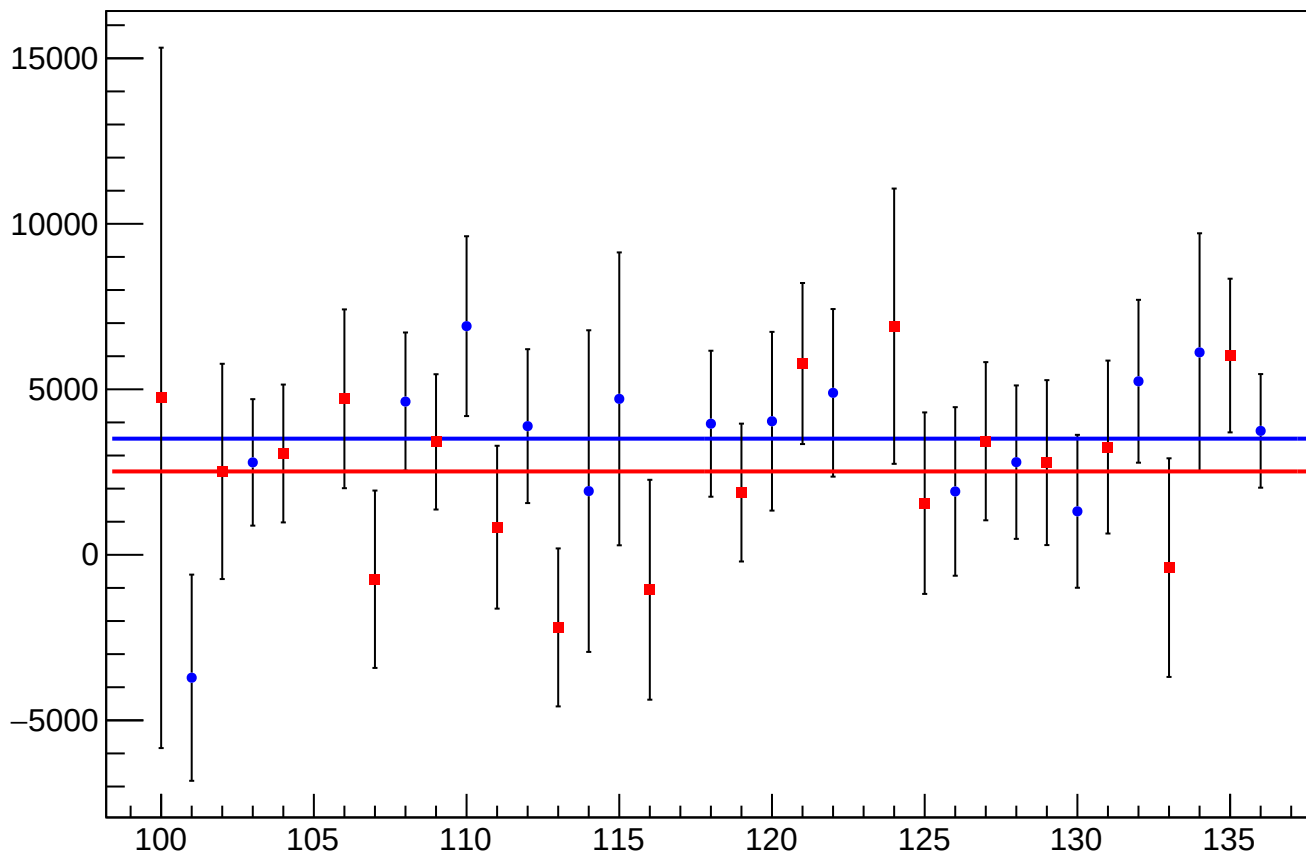
Right: 4814.295+/-0.920 χ^2/NDF : 1475539.7/33

In: 5028.449+/-1.353 χ^2/NDF : 565469.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4814.295+/-0.920 χ^2/NDF : 1475539.7/33

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: 2519.222+/-616.400 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

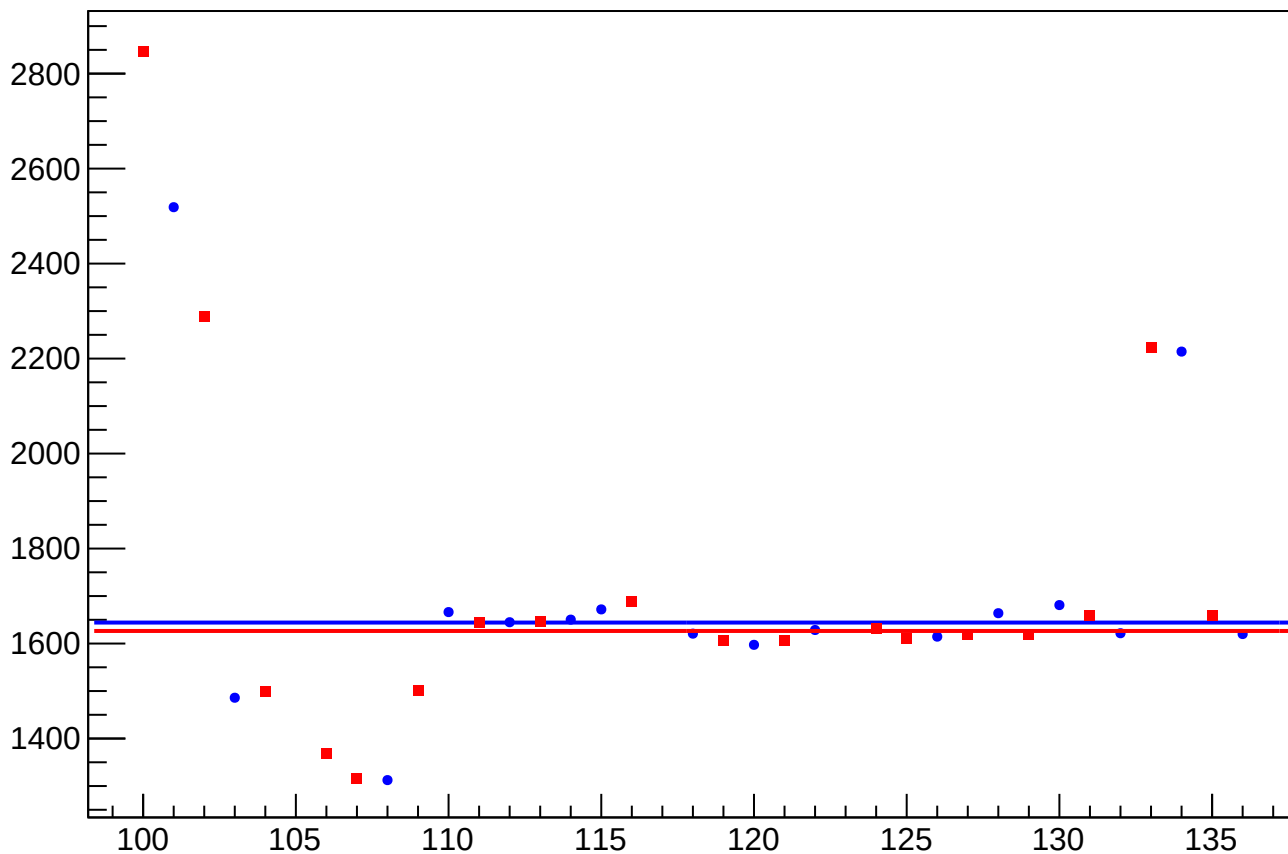
Right: 3014.105+/-435.975 χ^2/NDF : 26.1/33

In: 3509.509+/-616.724 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3014.105+/-435.975 χ^2/NDF : 26.1/33

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: 1626.500+/-0.435 χ^2/NDF : 237619.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

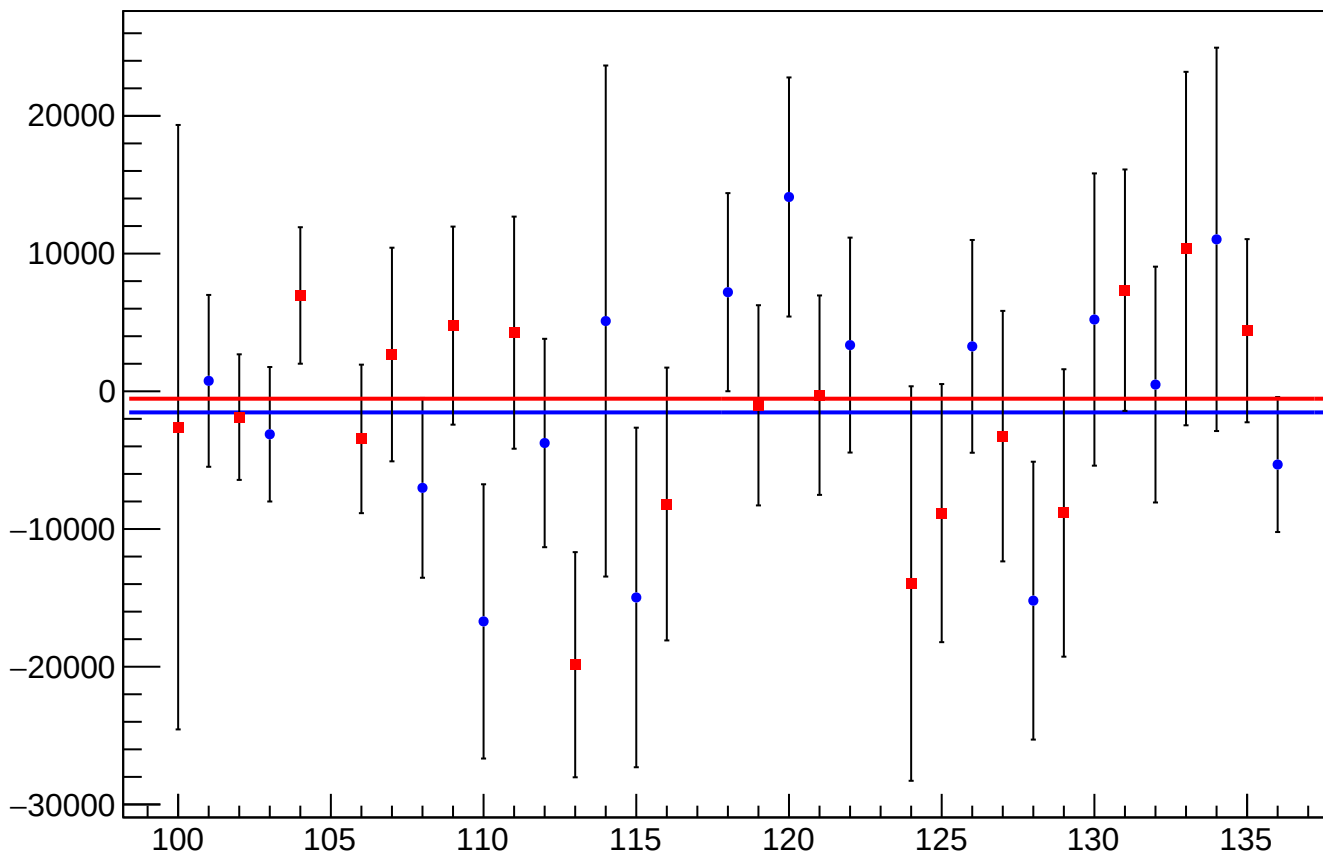
Right: 1635.336+/-0.308 χ^2/NDF : 513261.8/33

In: 1644.198+/-0.436 χ^2/NDF : 274818.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1635.336+/-0.308 χ^2/NDF : 513261.8/33

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1532.095 $\pm$ 1913.796 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -537.648 $\pm$ 1774.109 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

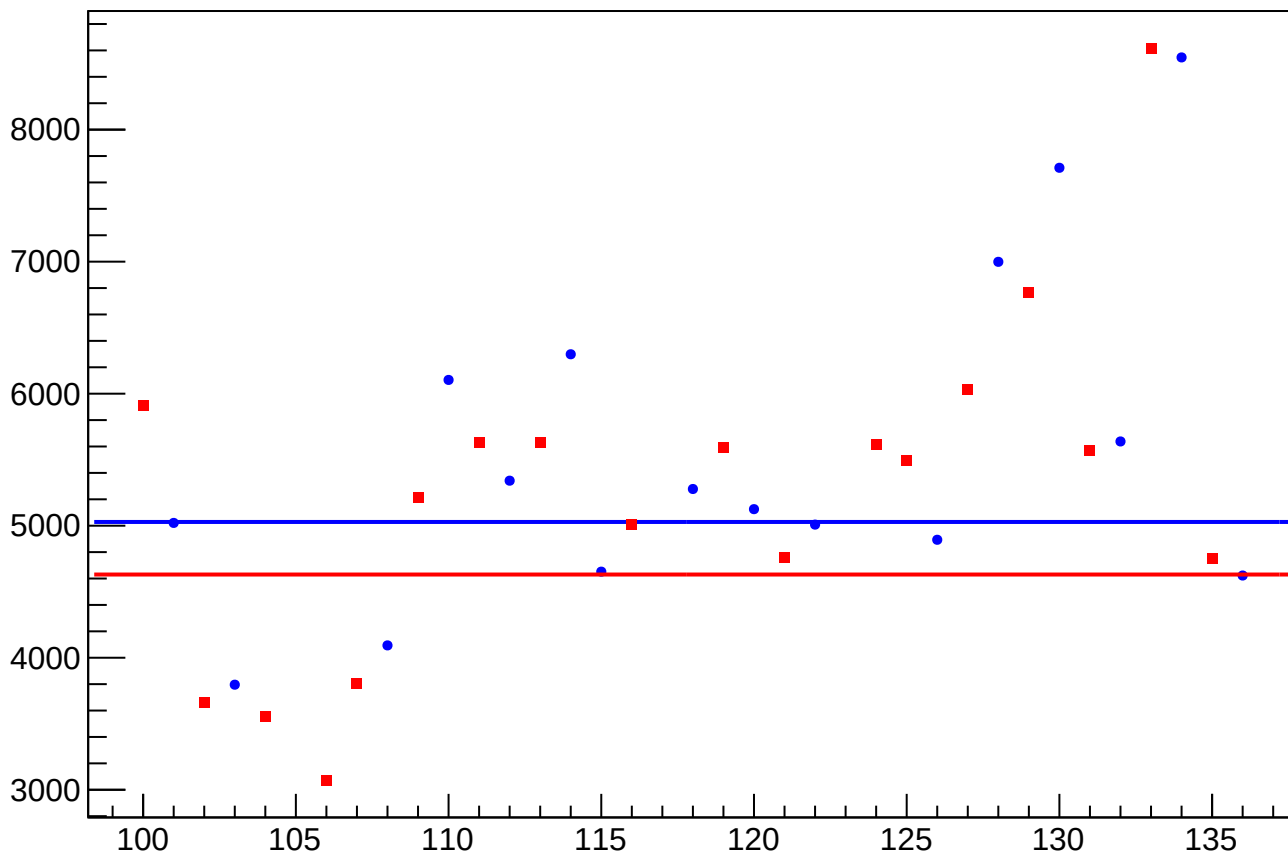
Right: -997.258 $\pm$ 1301.068 χ^2 /NDF: 28.4/33

In: -1532.095 $\pm$ 1913.796 χ^2 /NDF: 13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -997.258 $\pm$ 1301.068 χ^2 /NDF: 28.4/33

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: 4630.254+/-1.254 χ^2/NDF : 863499.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

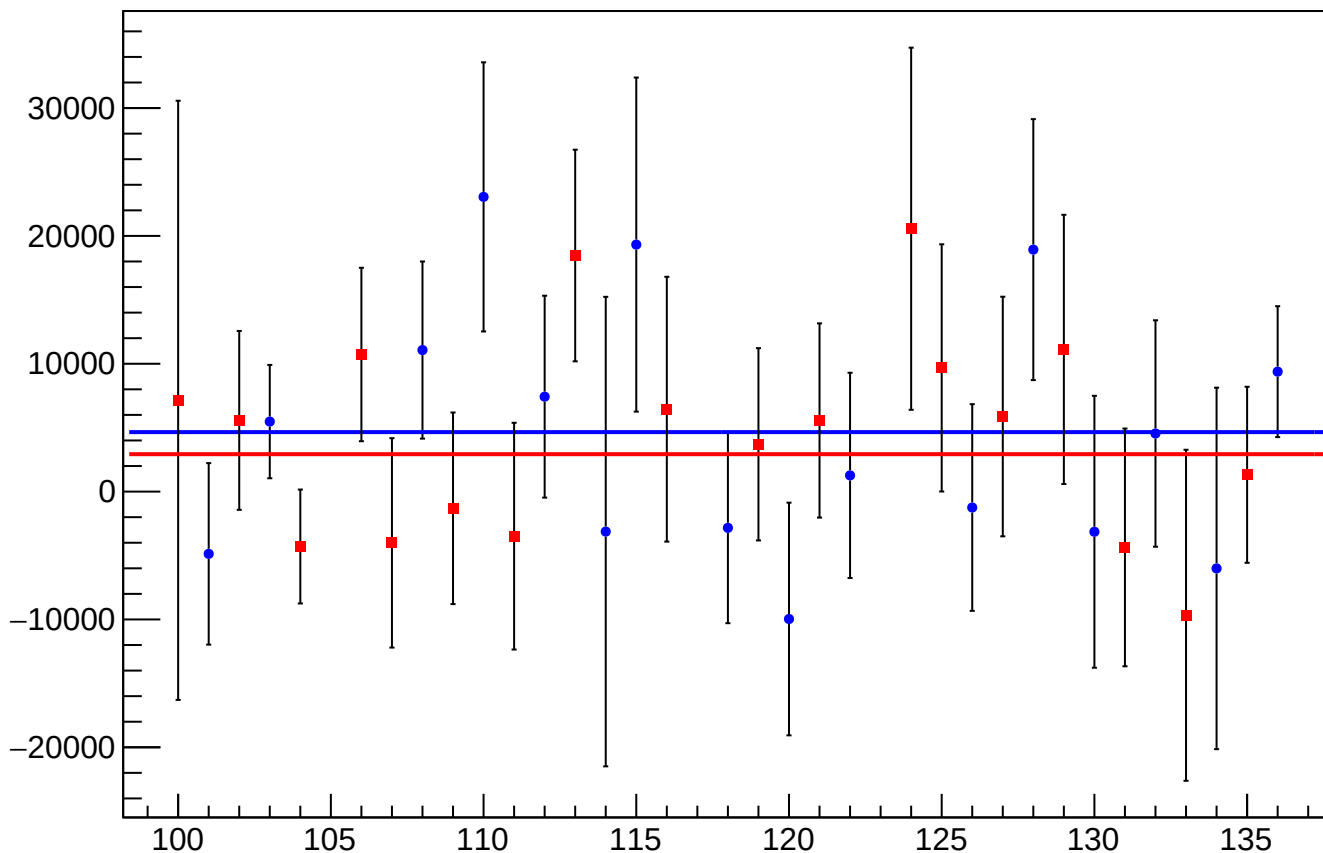
Right: 4814.288+/-0.920 χ^2/NDF : 1475527.7/33

In: 5028.443+/-1.353 χ^2/NDF : 565463.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4814.288+/-0.920 χ^2/NDF : 1475527.7/33

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: 2927.148+/-1912.251 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

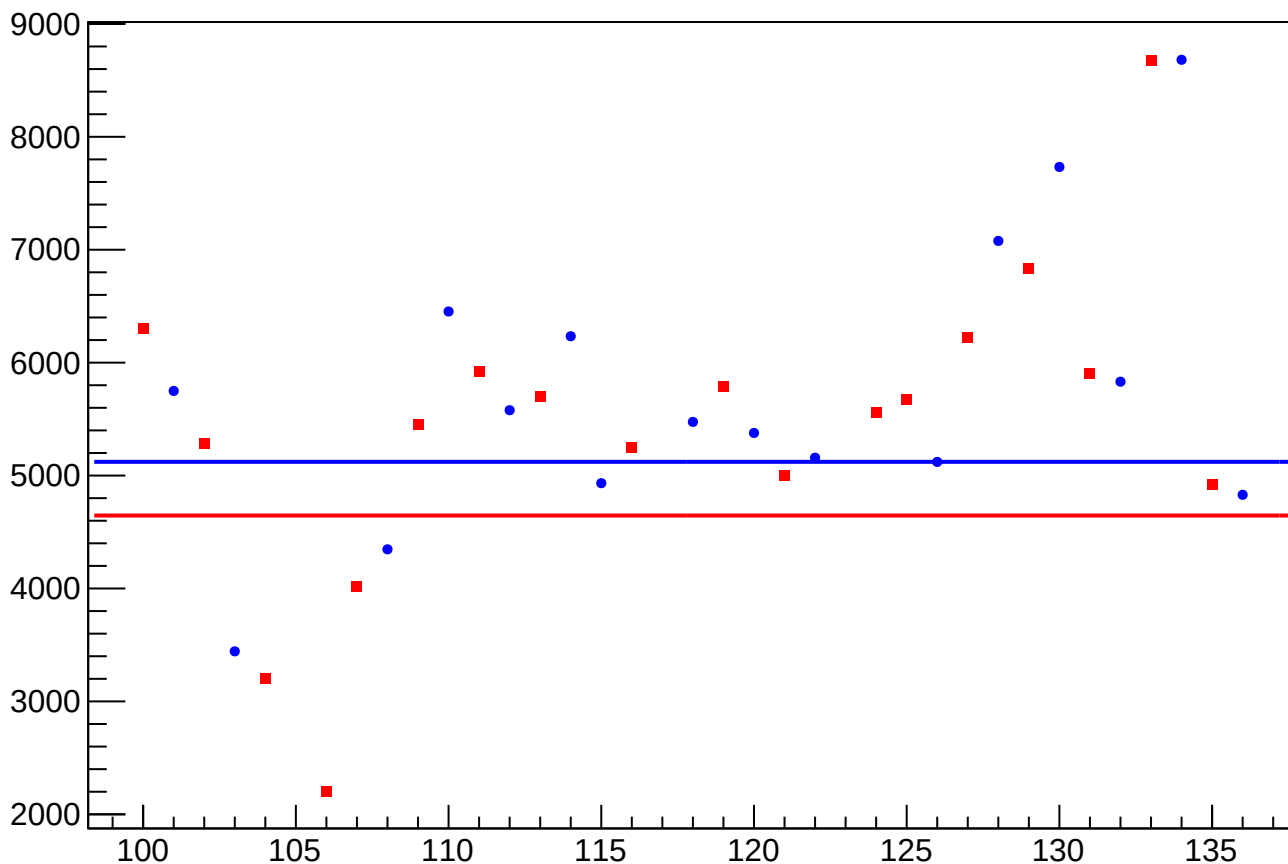
Right: 3769.524+/-1368.222 χ^2/NDF : 29.7/33

In: 4653.137+/-1958.496 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3769.524+/-1368.222 χ^2/NDF : 29.7/33

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: 4646.035+/-1.299 χ^2/NDF : 1344188.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

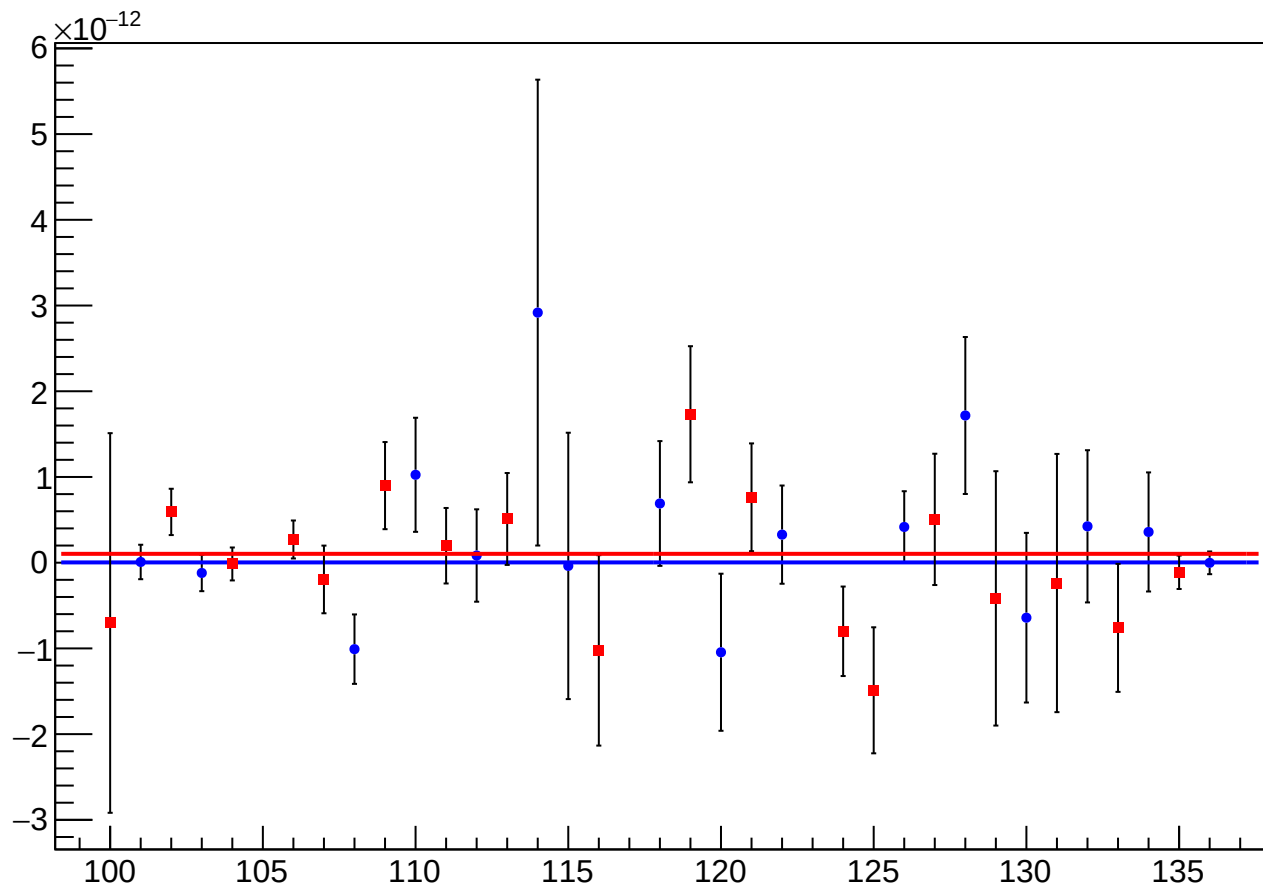
Right: 4868.607+/-0.947 χ^2/NDF : 2127308.6/33

In: 5121.644+/-1.385 χ^2/NDF : 720370.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4868.607+/-0.947 χ^2/NDF : 2127308.6/33

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 : 25.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

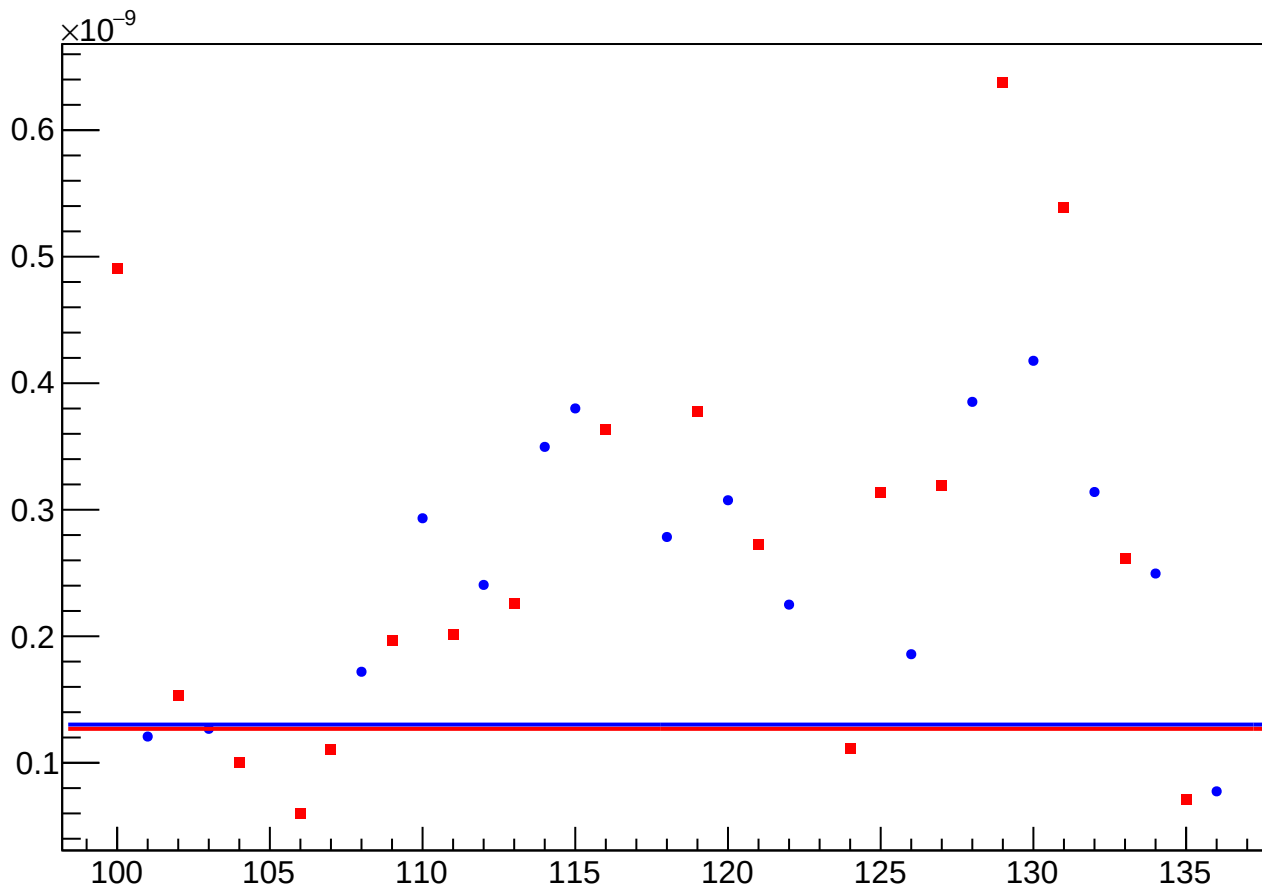
Right: 0.000+/-0.000 χ^2/NDF : 43.7/33

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 : 43.7/33

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 : 1733763.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

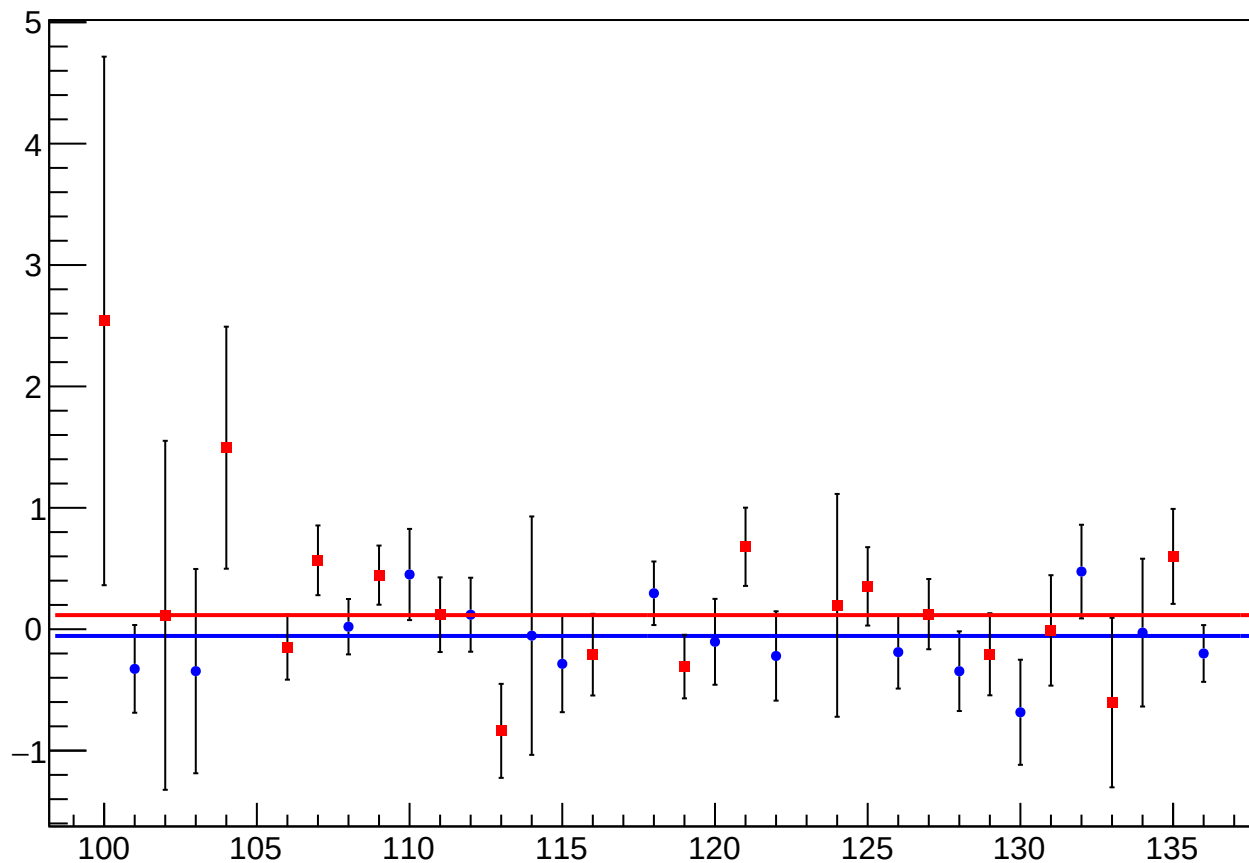
Right: 0.000+/-0.000 χ^2/NDF : 3064435.4/33

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 : 3064435.4/33

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: 0.116+/-0.085 χ^2/NDF : 25.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

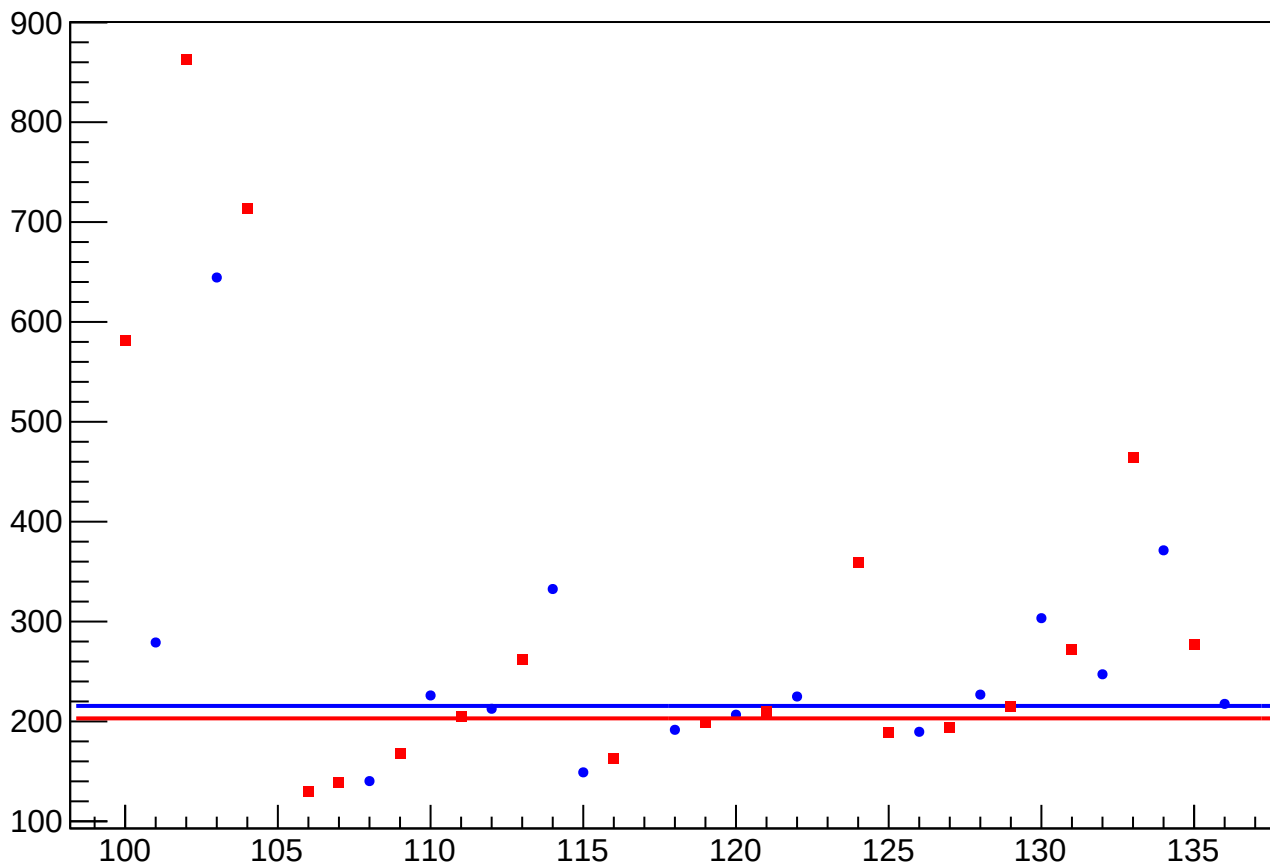
Right: 0.031+/-0.060 χ^2/NDF : 37.9/33

In: -0.055+/-0.085 χ^2/NDF :10.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.060 χ^2/NDF : 37.9/33

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: 203.049+/-0.060 χ^2/NDF : 1835335.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

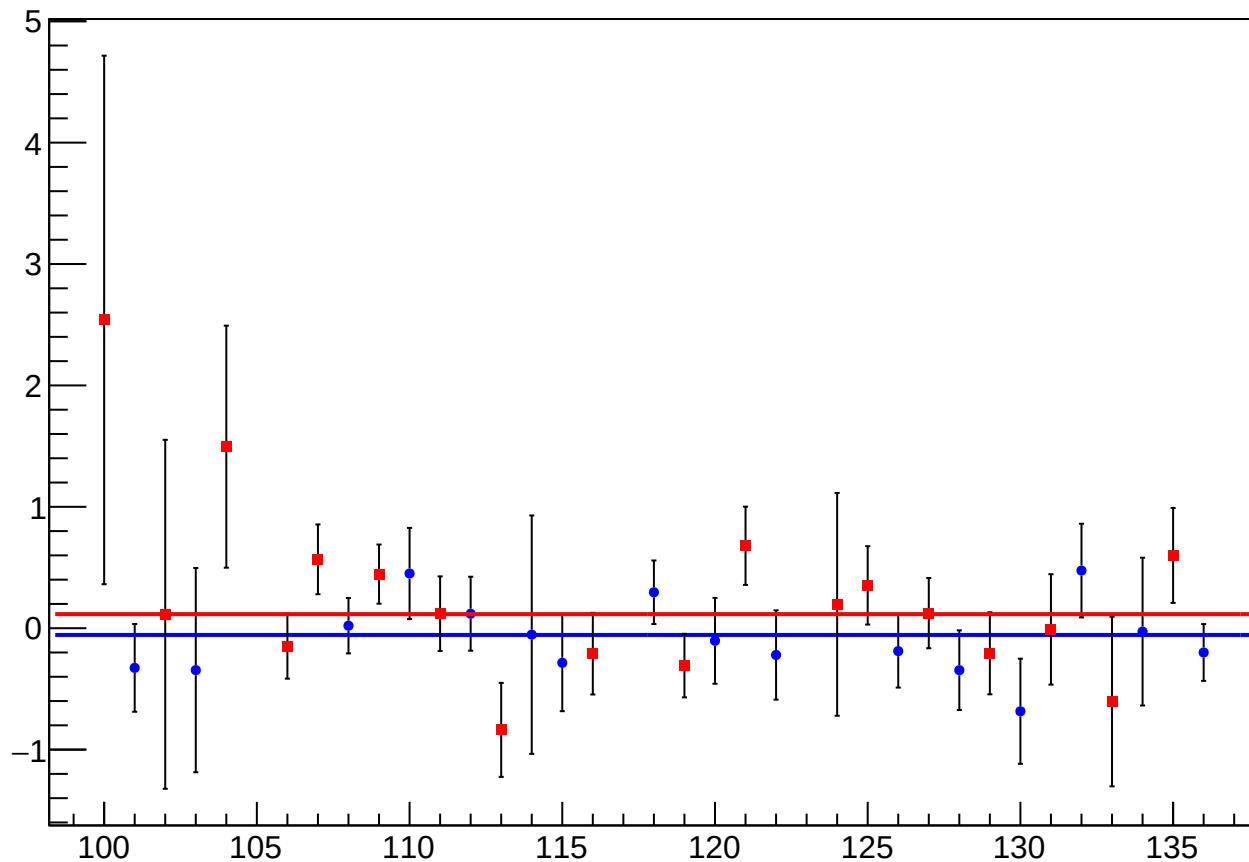
Right: 209.219+/-0.043 χ^2/NDF : 3005570.6/33

In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.219+/-0.043 χ^2/NDF : 3005570.6/33

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: 0.116+/-0.085 χ^2/NDF : 25.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

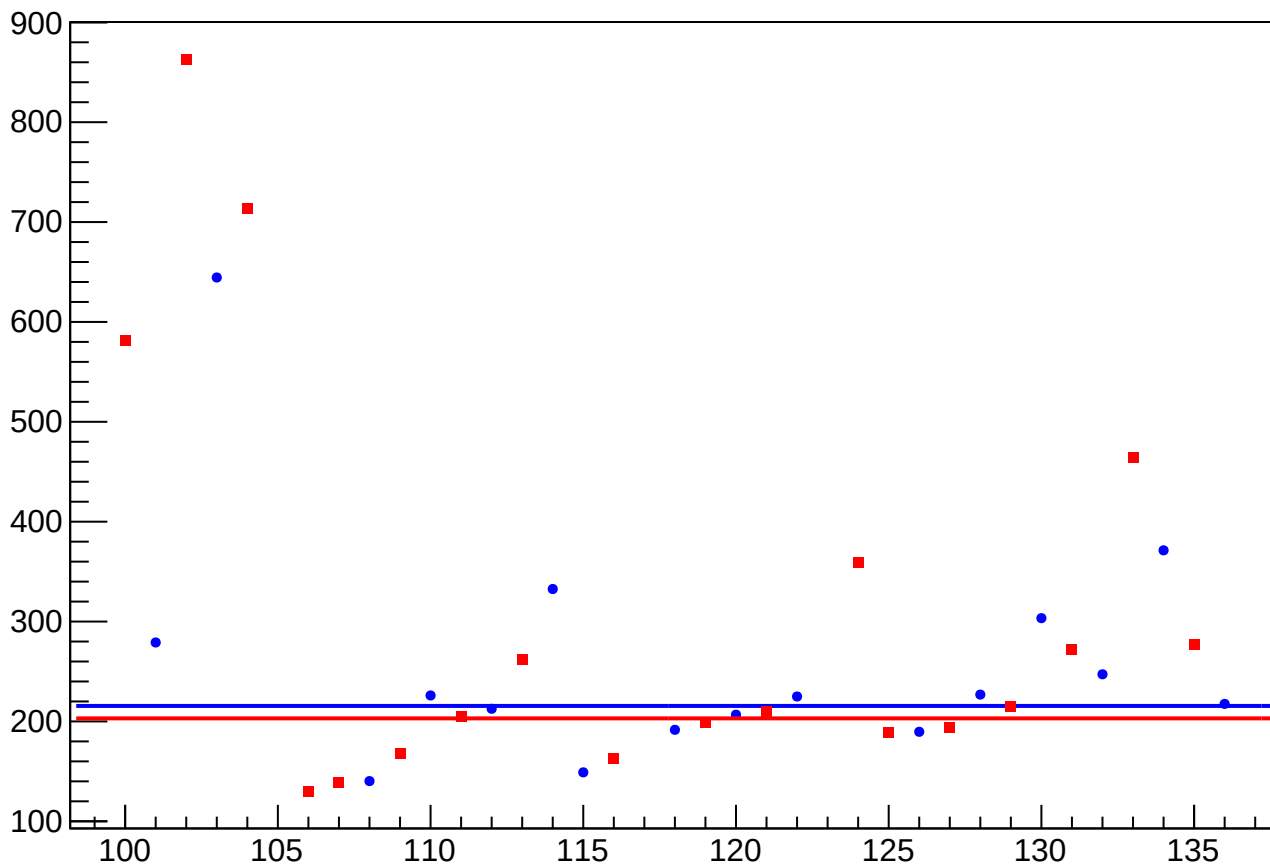
Right: 0.031+/-0.060 χ^2/NDF : 37.9/33

In: -0.055+/-0.085 χ^2/NDF :10.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.060 χ^2/NDF : 37.9/33

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: 203.049+/-0.060 χ^2/NDF : 1835335.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

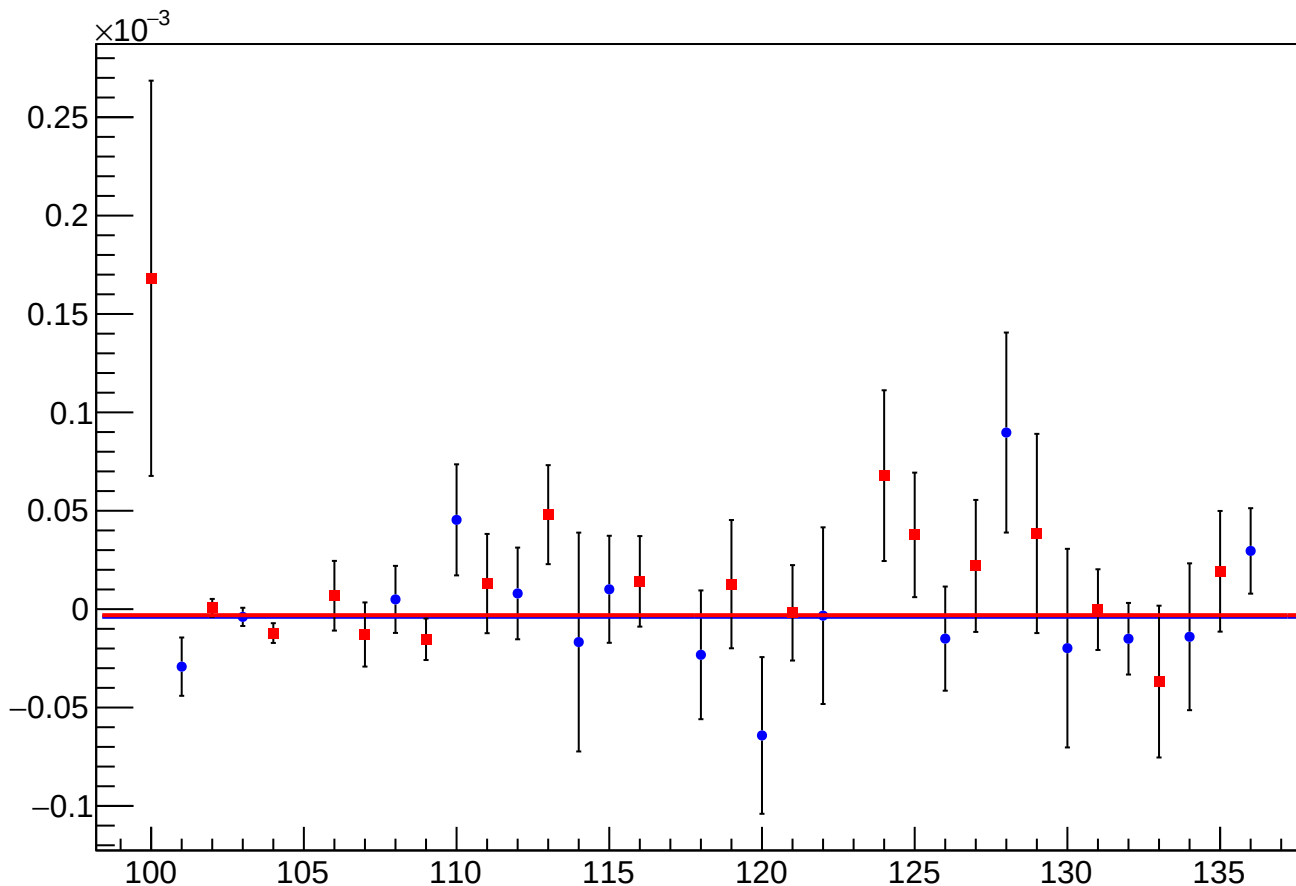
Right: 209.219+/-0.043 χ^2/NDF : 3005570.6/33

In: 215.519+/-0.060 χ^2/NDF : 1148727.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.219+/-0.043 χ^2/NDF : 3005570.6/33

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 : 21.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

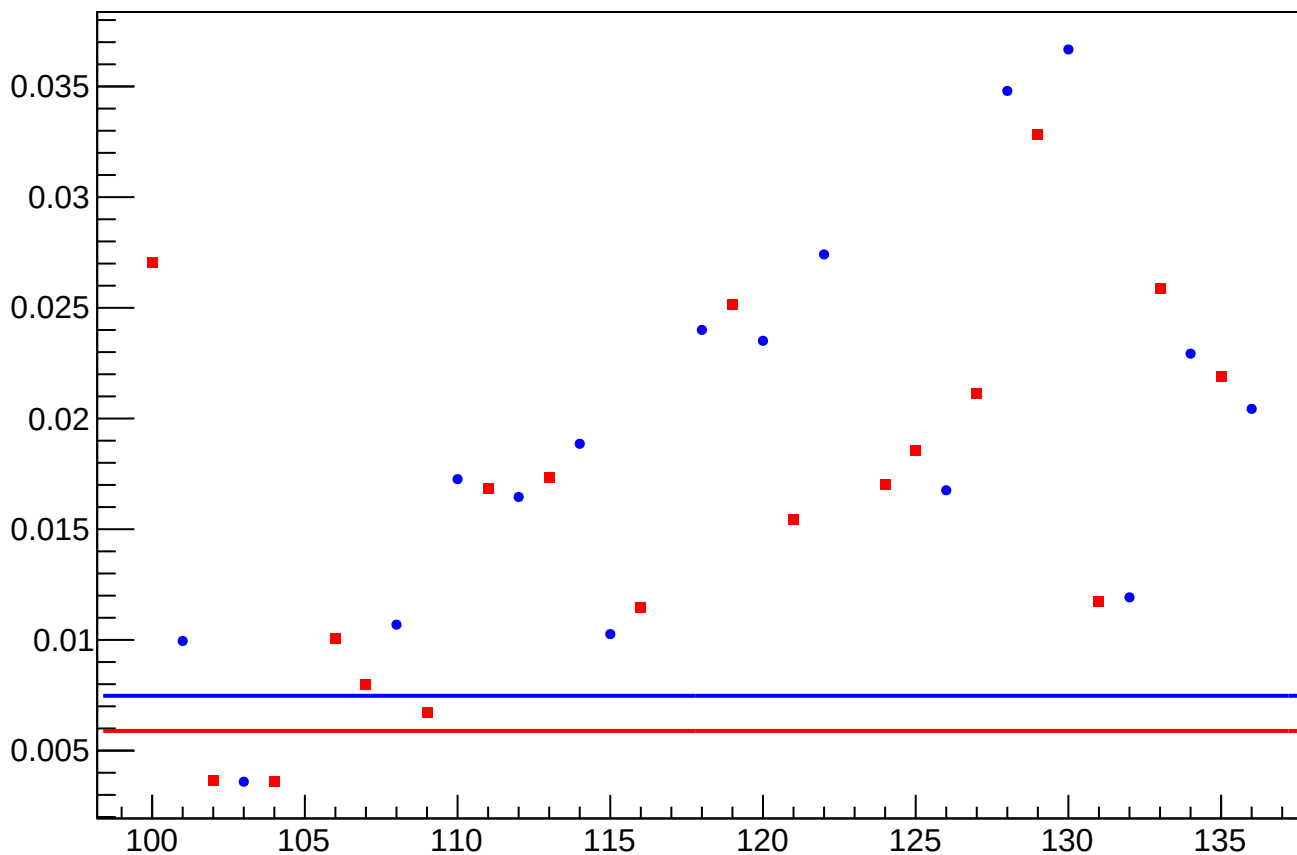
Right: -0.000+/-0.000 χ^2/NDF : 37.1/33

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 : 37.1/33

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 : 5728438.2/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 12025755.2/33

In: 0.007+/-0.000

χ^2/NDF : 6076199.5/15

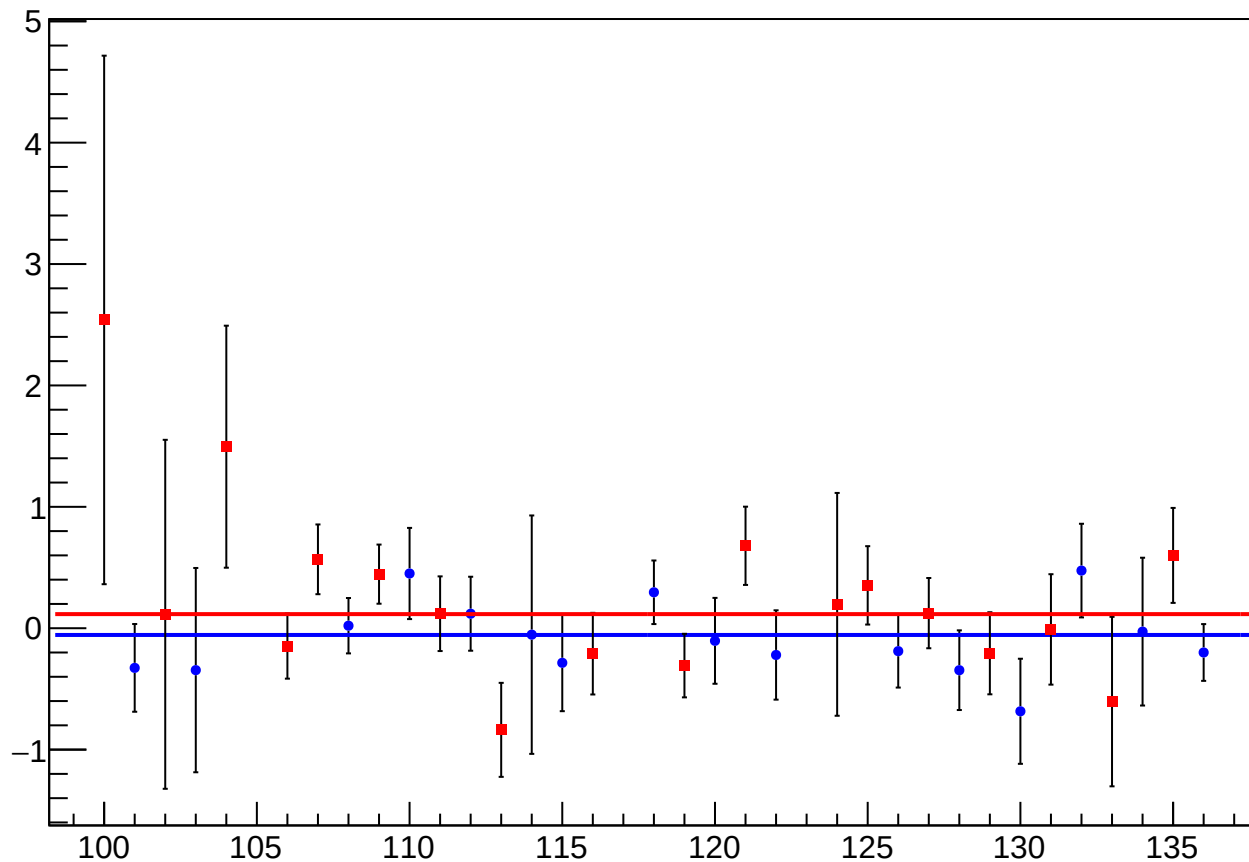
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 12025755.2/33

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: 0.116+/-0.085 χ^2/NDF : 25.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

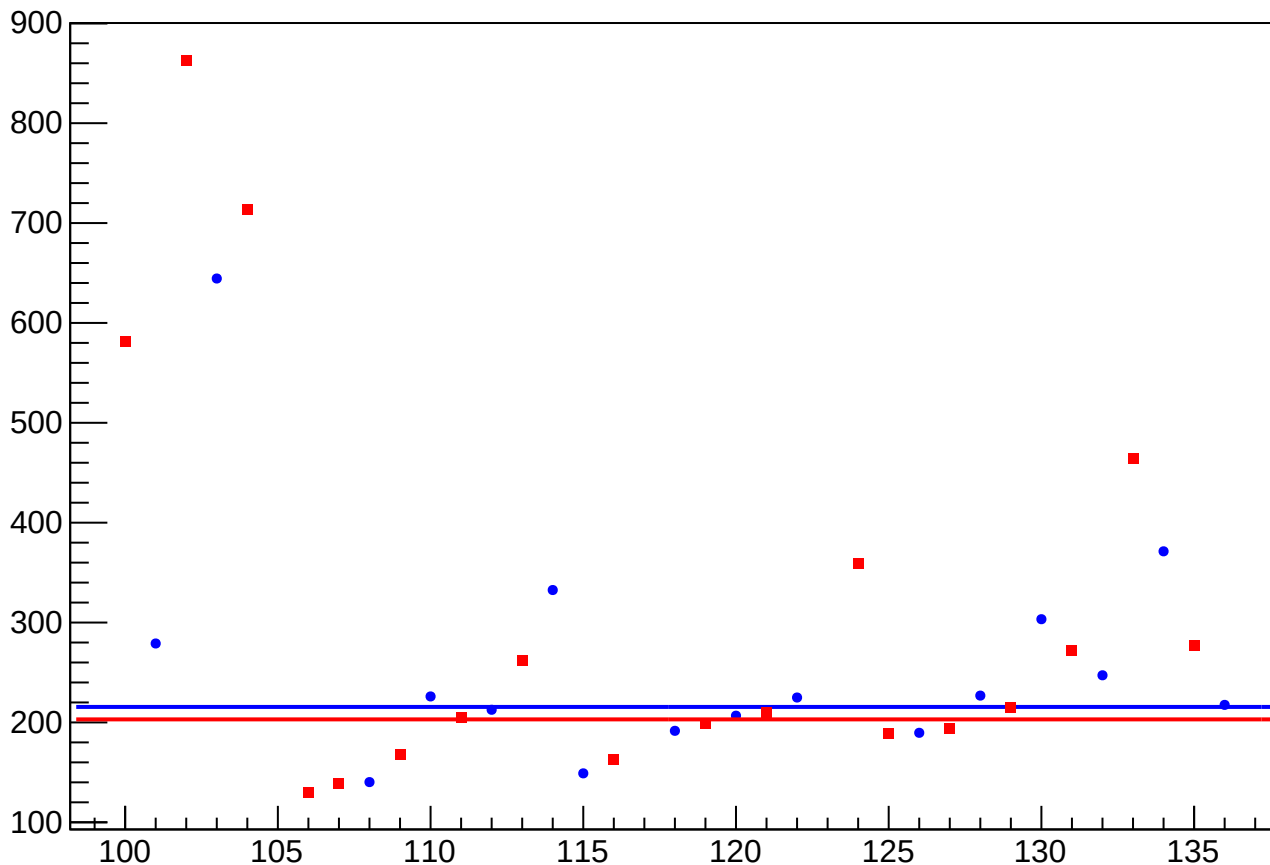
Right: 0.031+/-0.060 χ^2/NDF : 37.9/33

In: -0.055+/-0.085 χ^2/NDF :10.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.060 χ^2/NDF : 37.9/33

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: 203.047+/-0.060 χ^2/NDF : 1835317.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

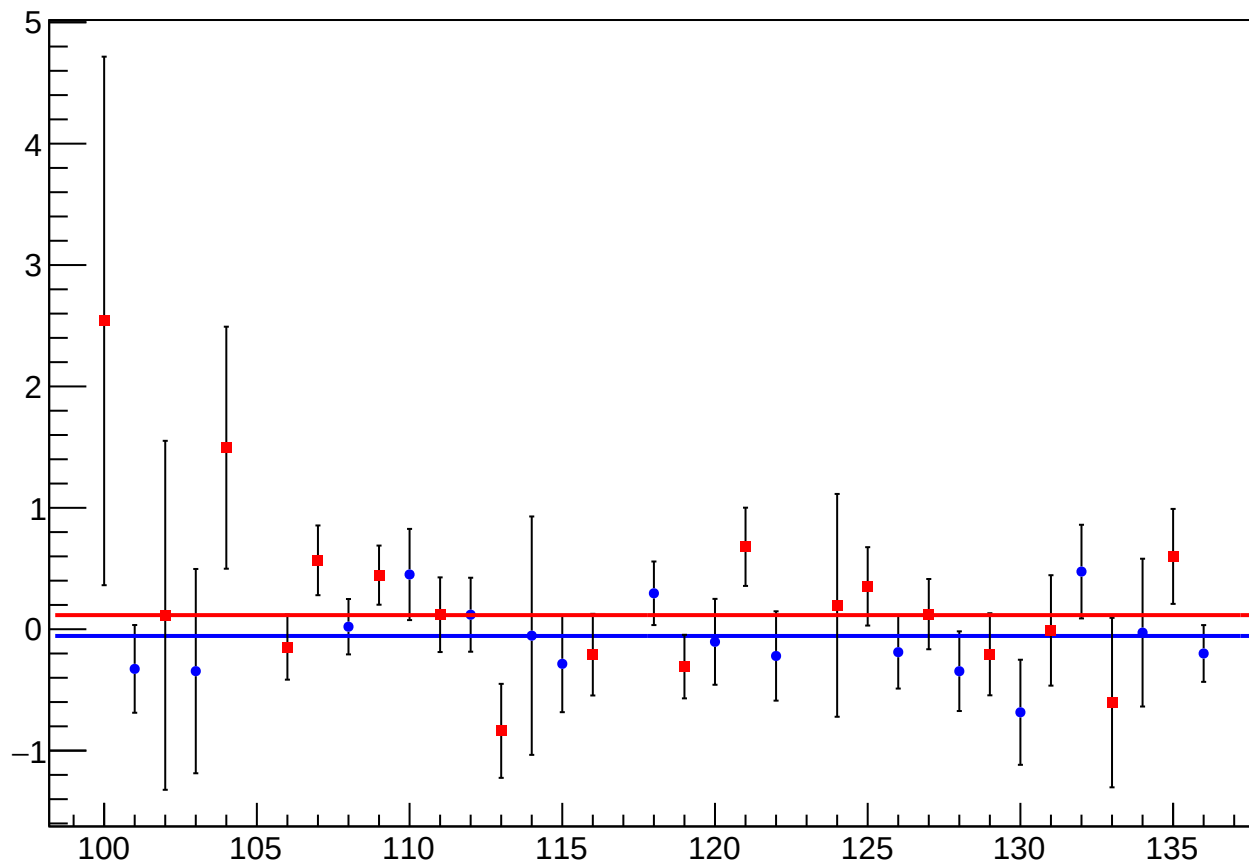
Right: 209.218+/-0.043 χ^2/NDF : 3005528.5/33

In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.218+/-0.043 χ^2/NDF : 3005528.5/33

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: 0.116+/-0.085 χ^2/NDF : 25.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

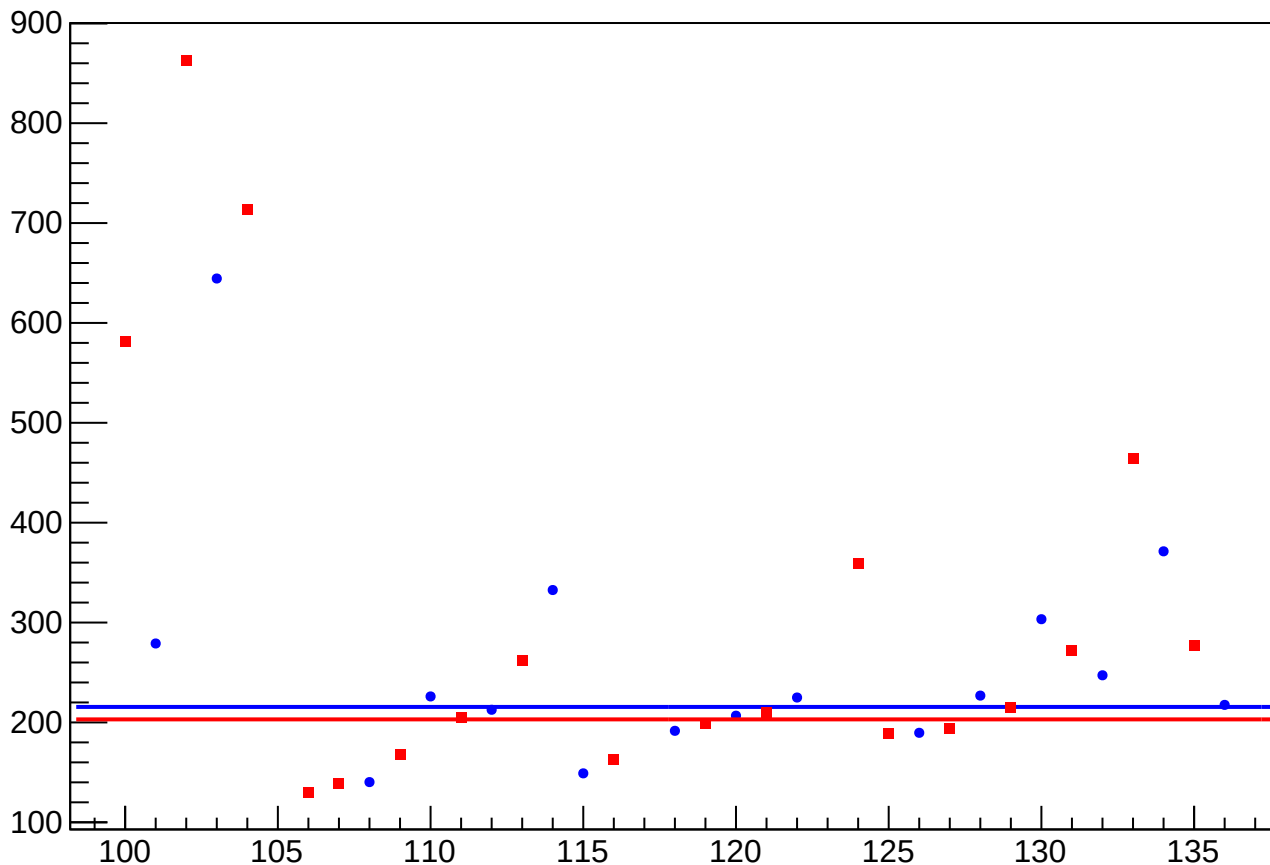
Right: 0.031+/-0.060 χ^2/NDF : 37.9/33

In: -0.055+/-0.085 χ^2/NDF :10.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.031+/-0.060 χ^2/NDF : 37.9/33

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: 203.047+/-0.060 χ^2/NDF : 1835317.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

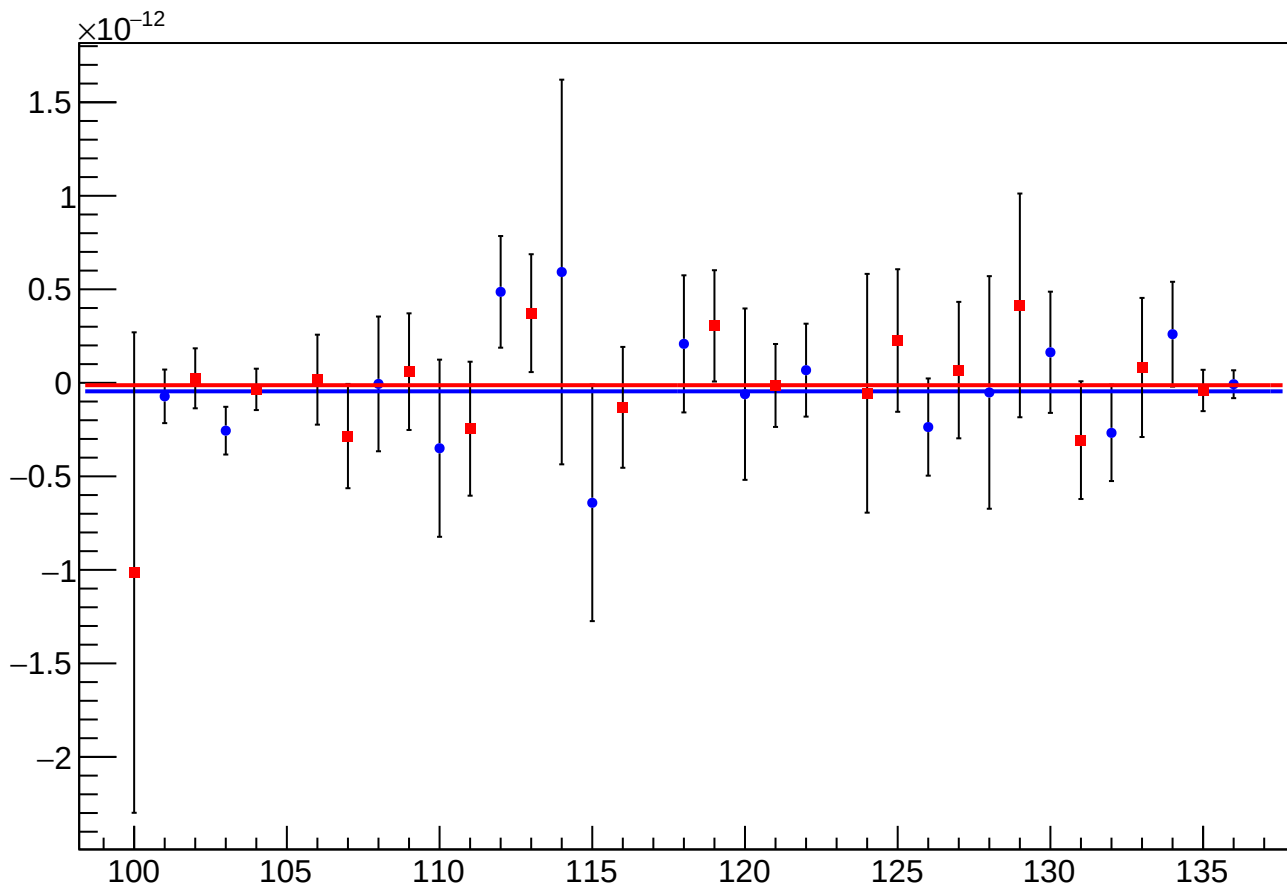
Right: 209.218+/-0.043 χ^2/NDF : 3005528.5/33

In: 215.518+/-0.060 χ^2/NDF : 1148700.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.218+/-0.043 χ^2/NDF : 3005528.5/33

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 : 6.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

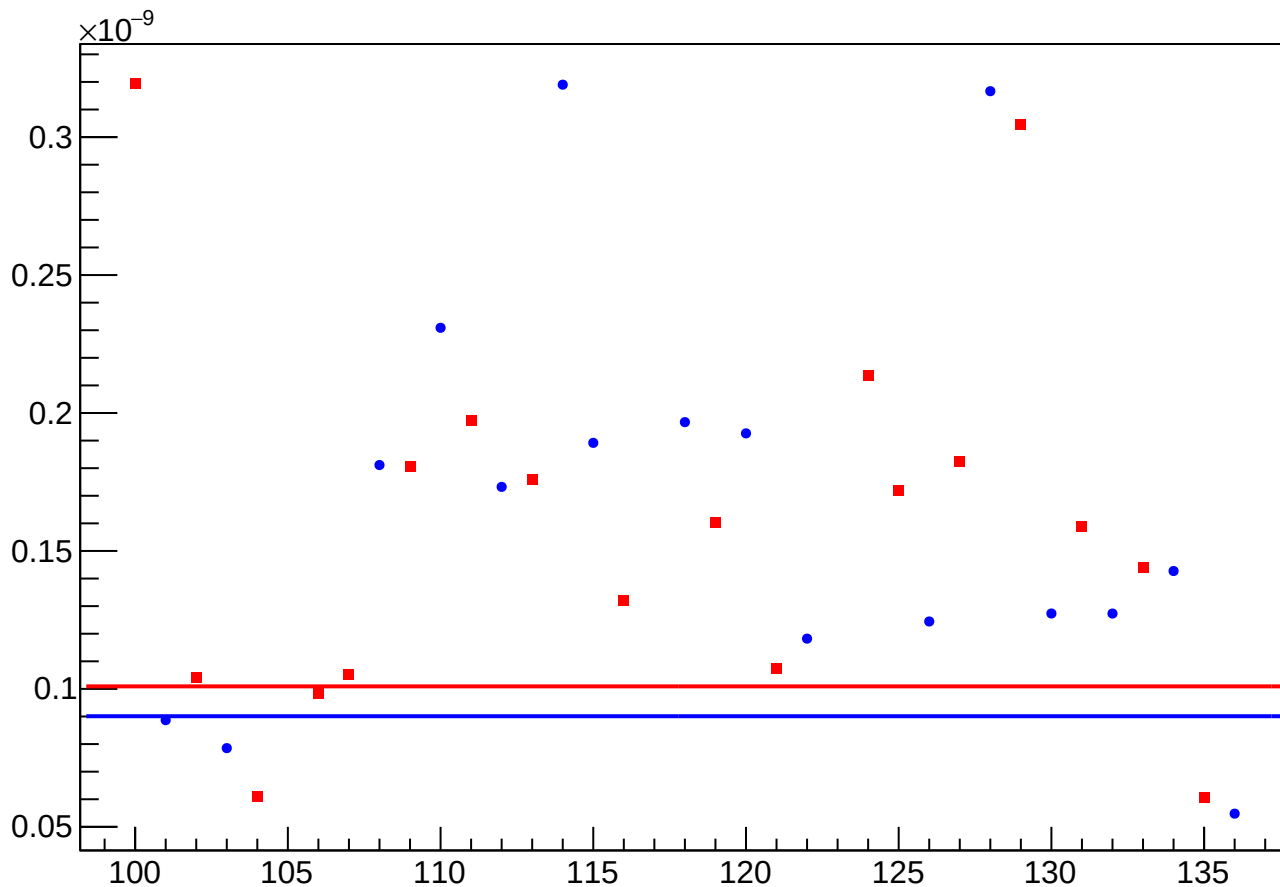
Right: -0.000+/-0.000 χ^2/NDF : 18.5/33

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 : 18.5/33

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 : 1630316.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

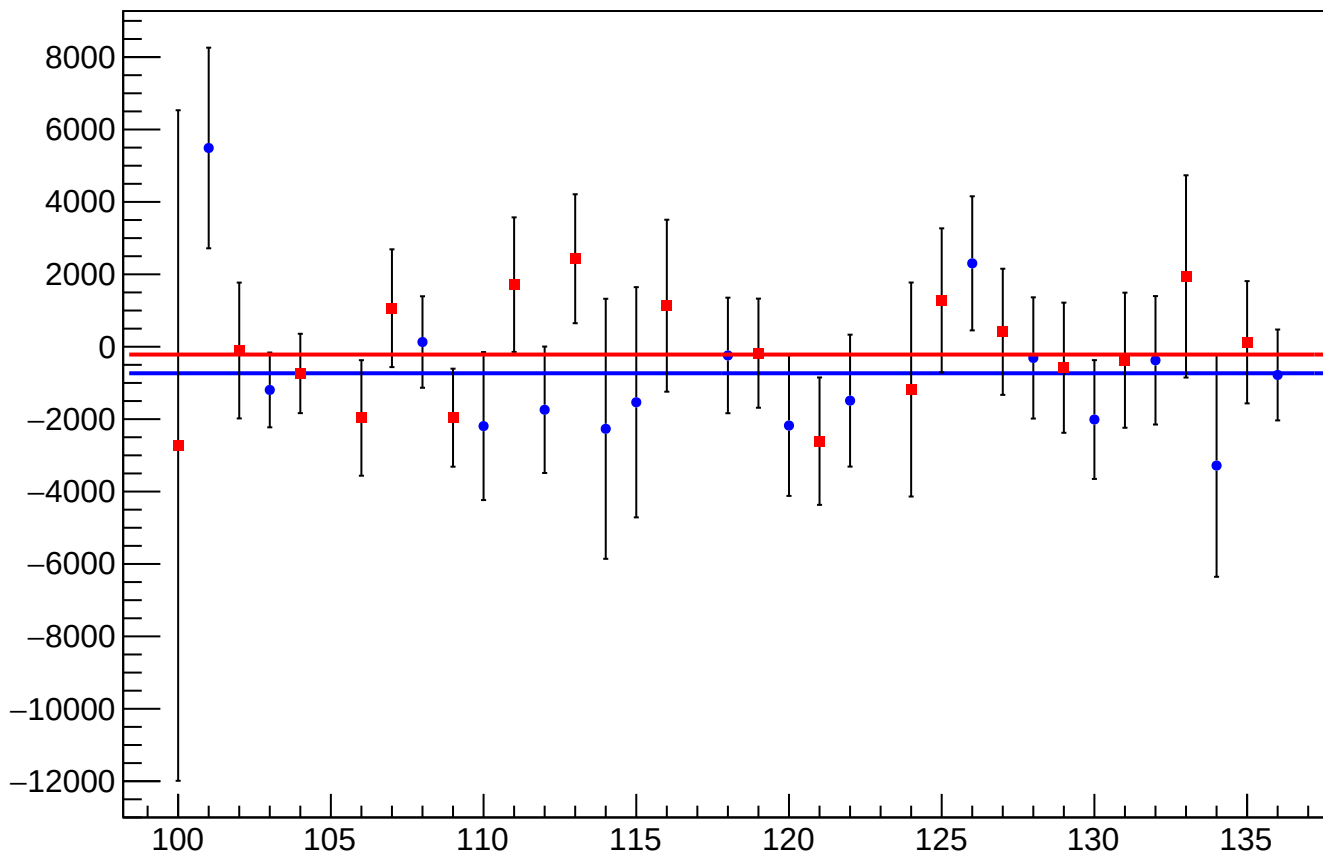
Right: 0.000+/-0.000 χ^2/NDF : 3481425.6/33

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 : 3481425.6/33

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: -215.697+/-416.571 χ^2/NDF : 10.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

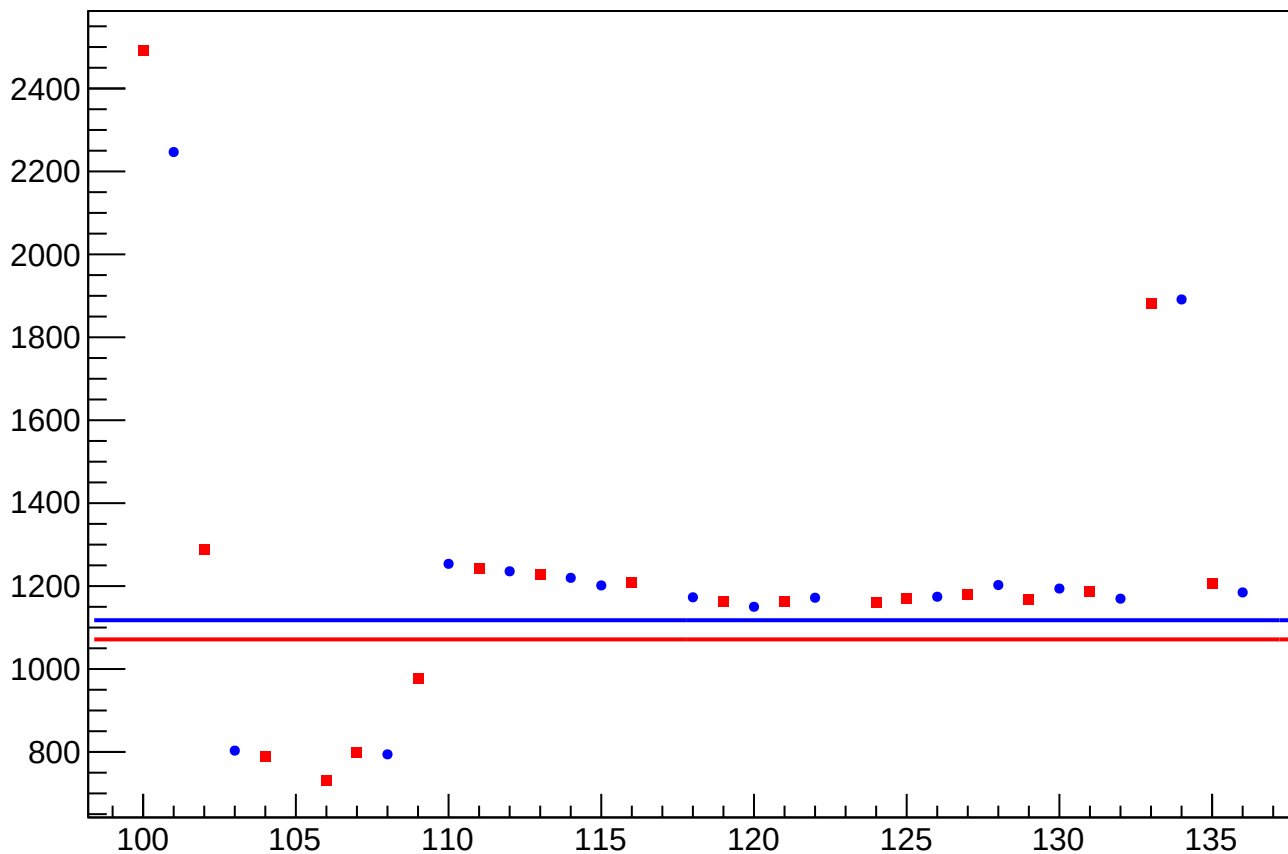
Right: -467.598+/-298.310 χ^2/NDF : 23.2/33

In: -732.747+/-427.384 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.598+/-298.310 χ^2/NDF : 23.2/33

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: 1071.456+/-0.292 χ^2/NDF : 645982.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

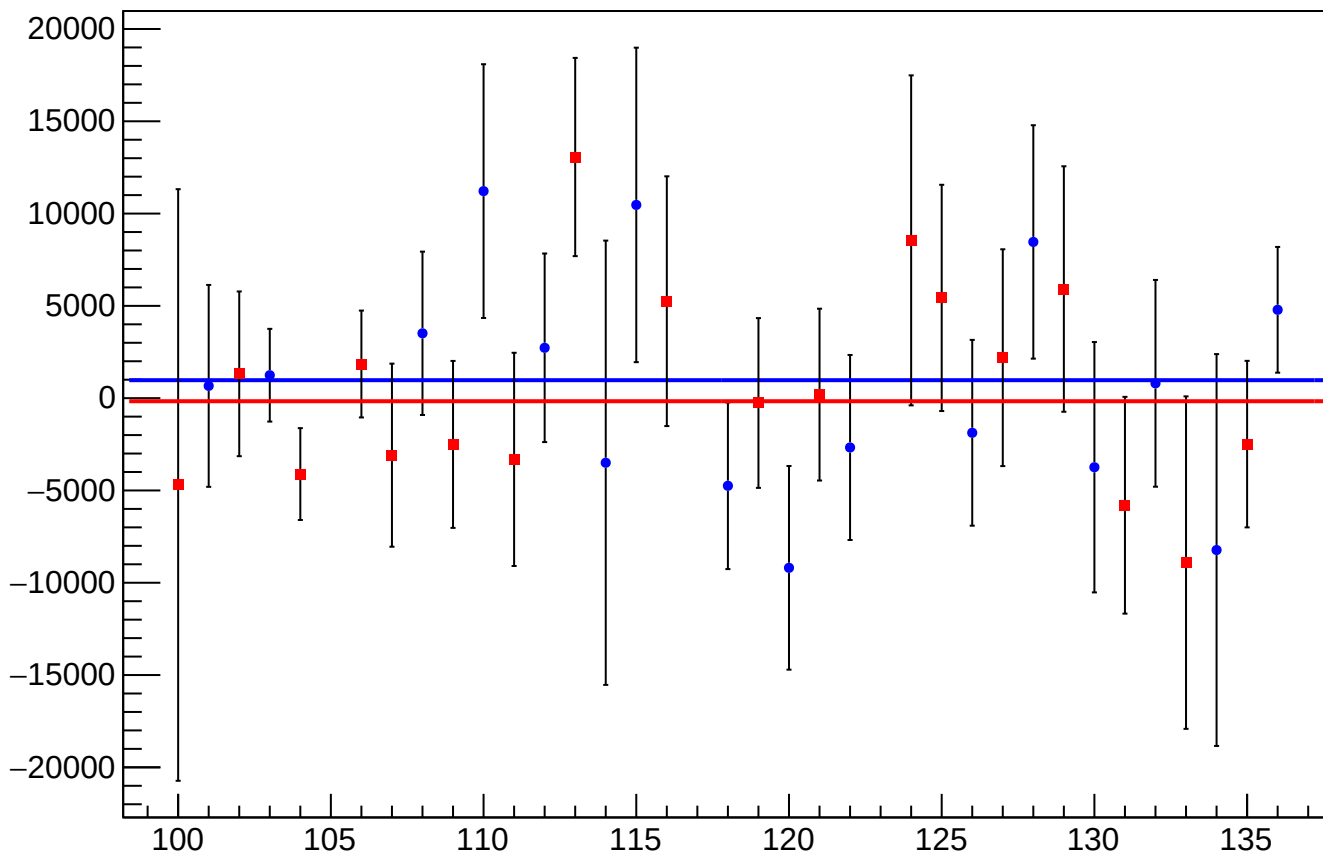
Right: 1093.781+/-0.210 χ^2/NDF : 1477916.2/33

In: 1117.684+/-0.302 χ^2/NDF : 819835.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1093.781+/-0.210 χ^2/NDF : 1477916.2/33

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: -165.665+/-1128.121 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

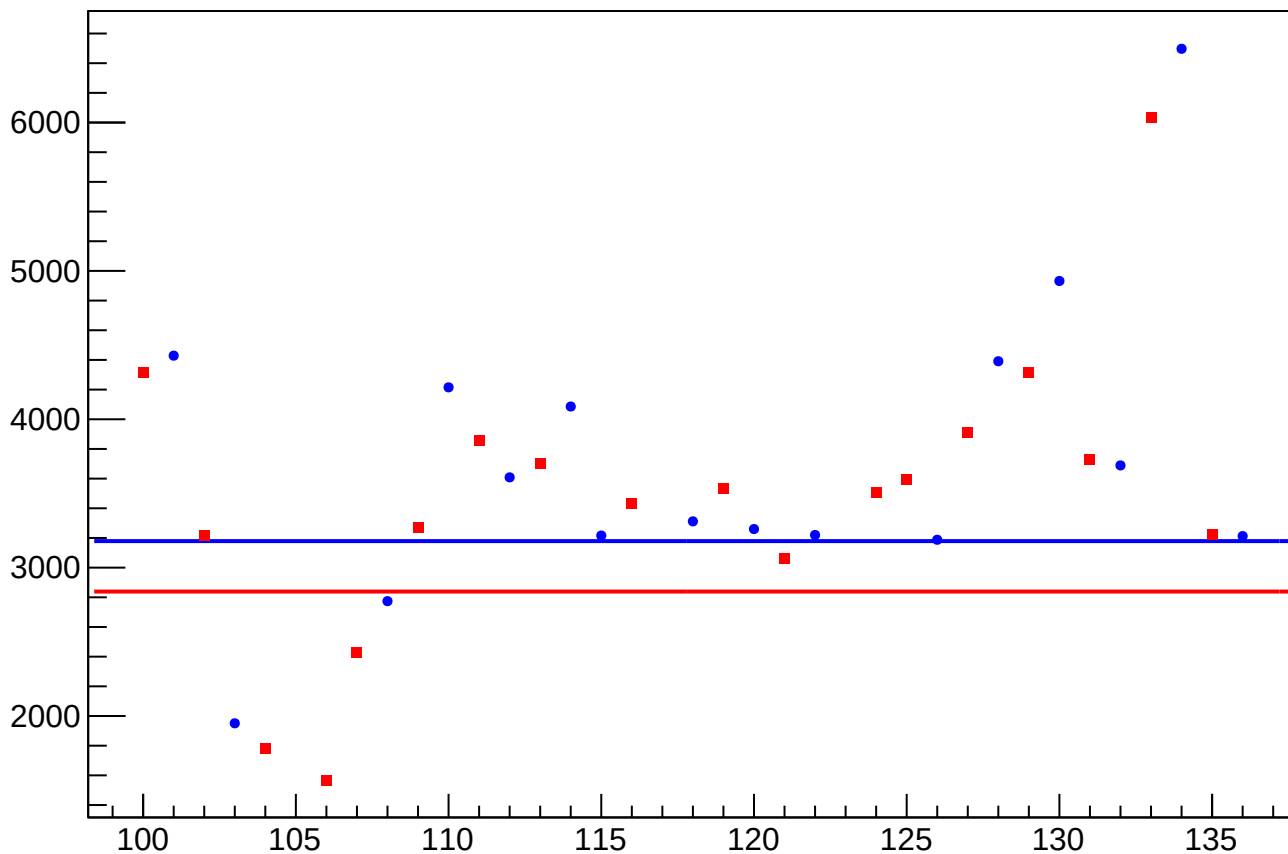
Right: 353.646+/-832.239 χ^2/NDF : 30.0/33

In: 973.755+/-1232.754 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 353.646+/-832.239 χ^2/NDF : 30.0/33

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: 2838.820+/-0.798 χ^2/NDF : 1506948.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

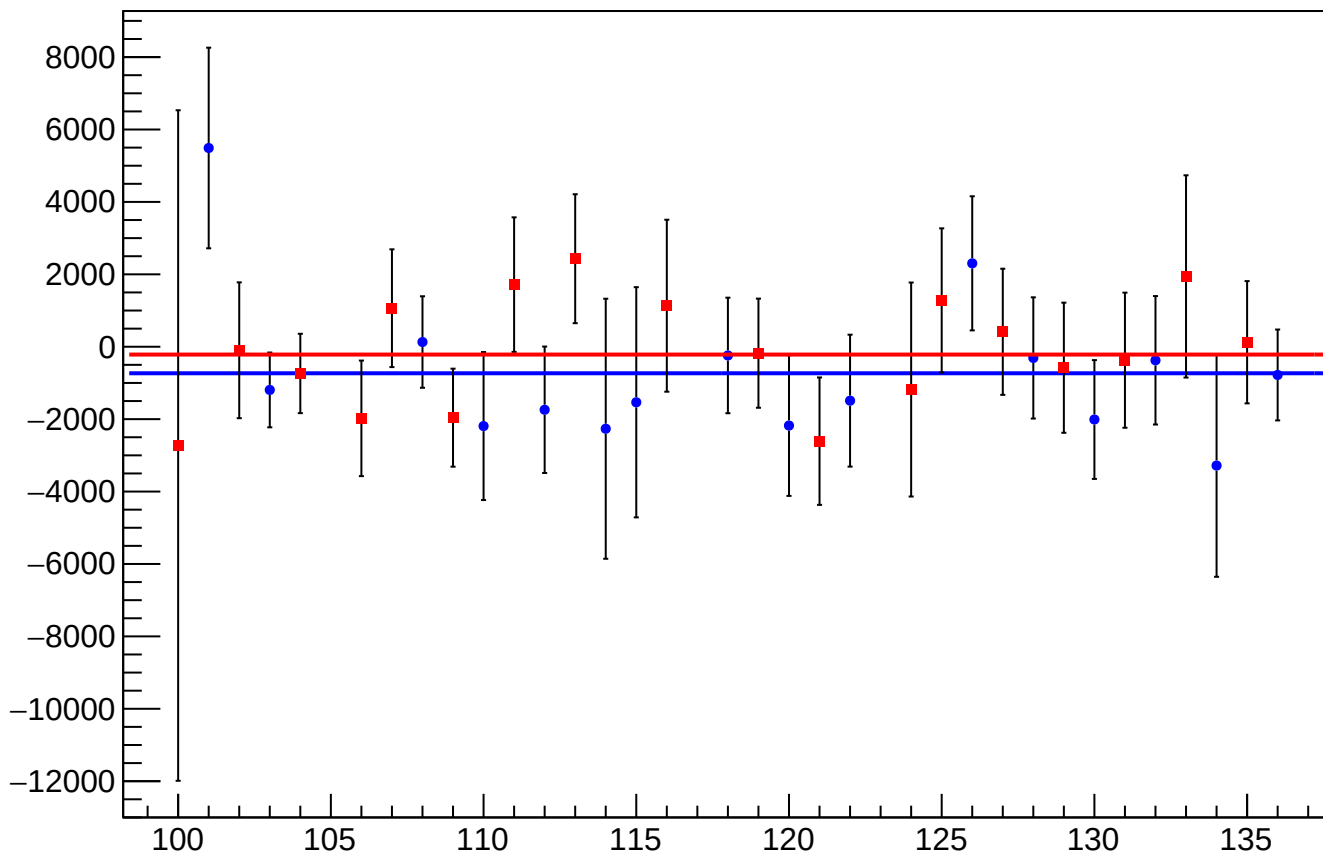
Right: 2993.804+/-0.588 χ^2/NDF : 2681447.4/33

In: 3178.870+/-0.872 χ^2/NDF :1091676.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2993.804+/-0.588 χ^2/NDF : 2681447.4/33

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: -215.959+/-416.576 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

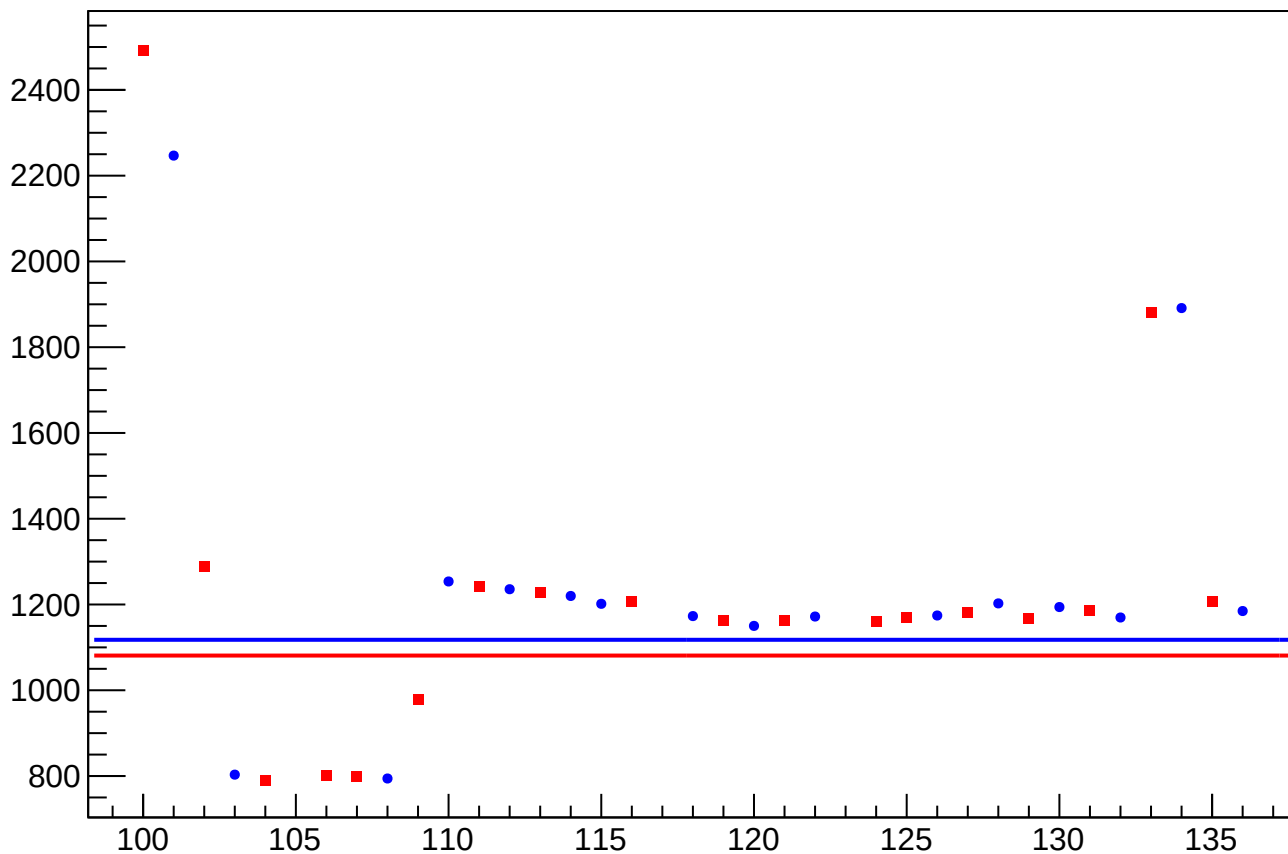
Right: -467.704+/-298.312 χ^2/NDF : 23.2/33

In: -732.682+/-427.385 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.704+/-298.312 χ^2/NDF : 23.2/33

cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1117.684 $\pm$ 0.302 χ^2 /NDF: 819831.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1080.926 $\pm$ 0.294 χ^2 /NDF: 592063.9/17

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

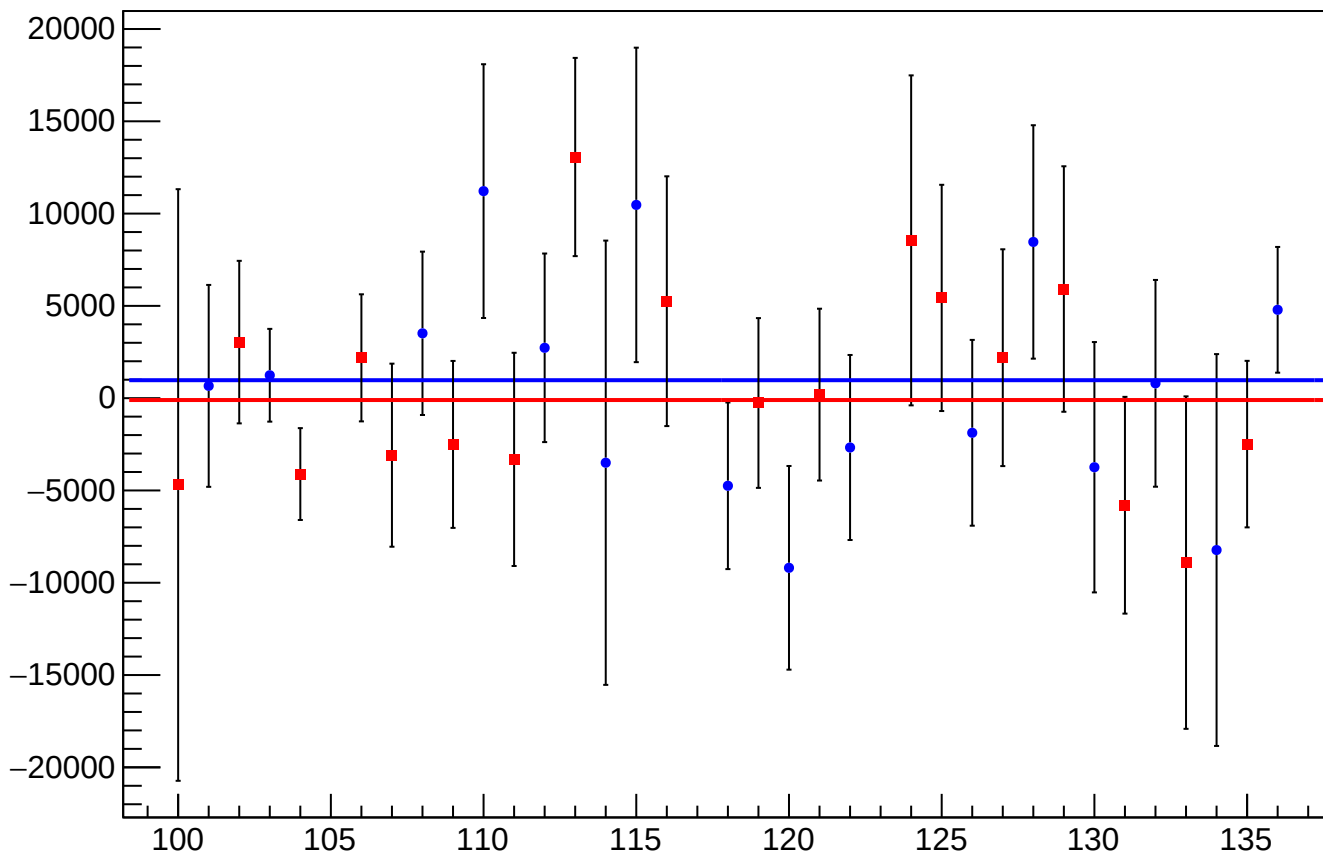
Right: 1098.798 $\pm$ 0.211 χ^2 /NDF: 1419497.0/33

In: 1117.684 $\pm$ 0.302 χ^2 /NDF:819831.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.798 $\pm$ 0.211 χ^2 /NDF: 1419497.0/33

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: -101.070+/-1153.068 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

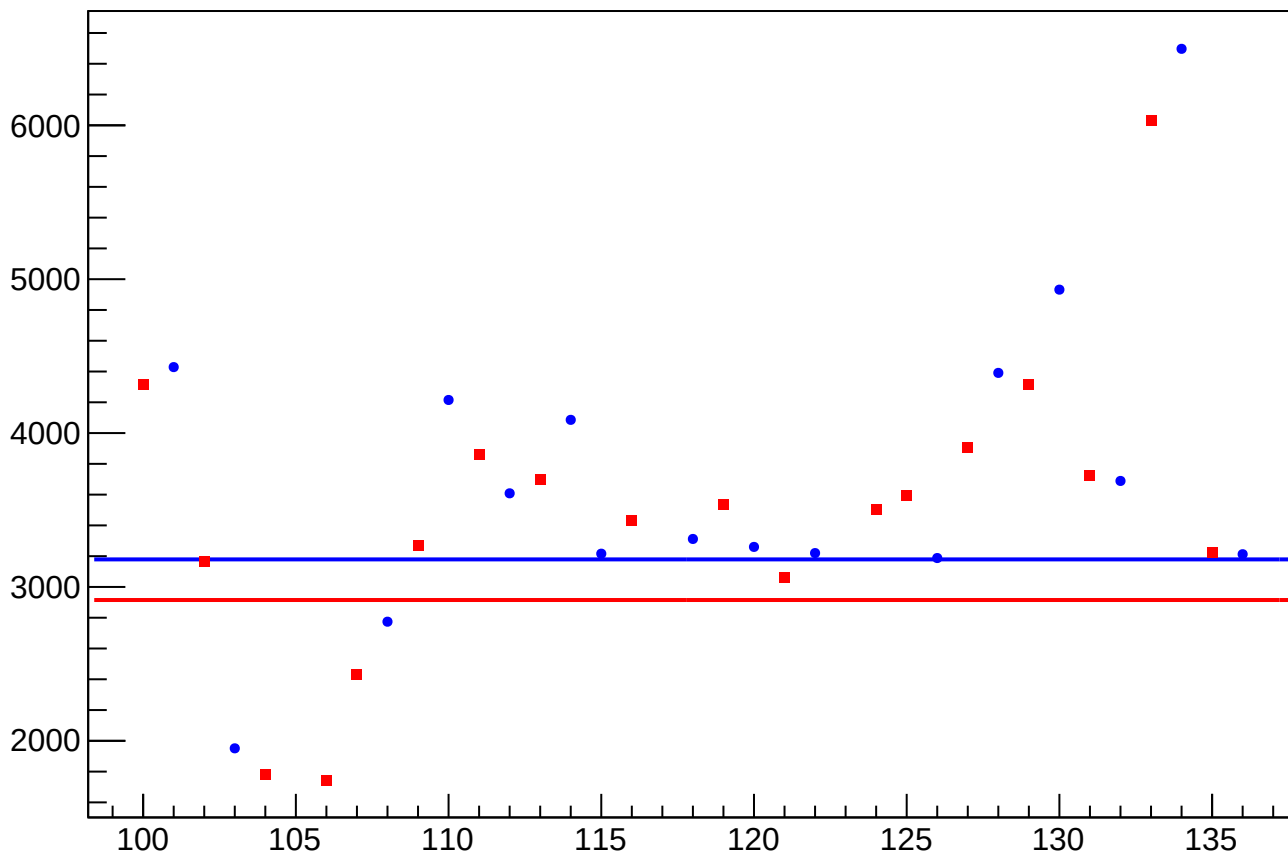
Right: 400.230+/-842.121 χ^2/NDF : 30.3/33

In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.230+/-842.121 χ^2/NDF : 30.3/33

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: 2915.083+/-0.815 χ^2/NDF : 1310416.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

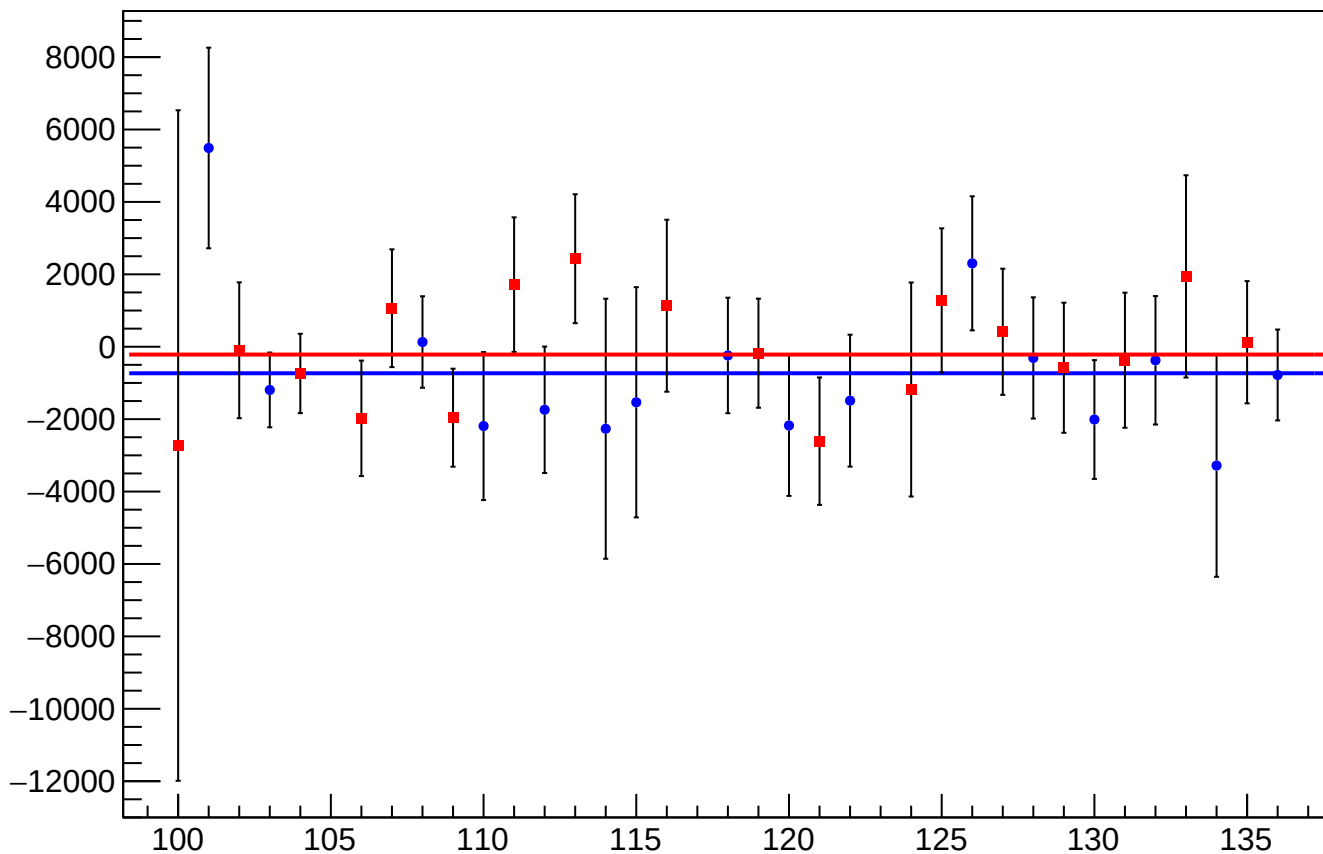
Right: 3038.257+/-0.595 χ^2/NDF : 2450562.5/33

In: 3179.054+/-0.872 χ^2/NDF : 1091236.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3038.257+/-0.595 χ^2/NDF : 2450562.5/33

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: -215.959+/-416.576 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

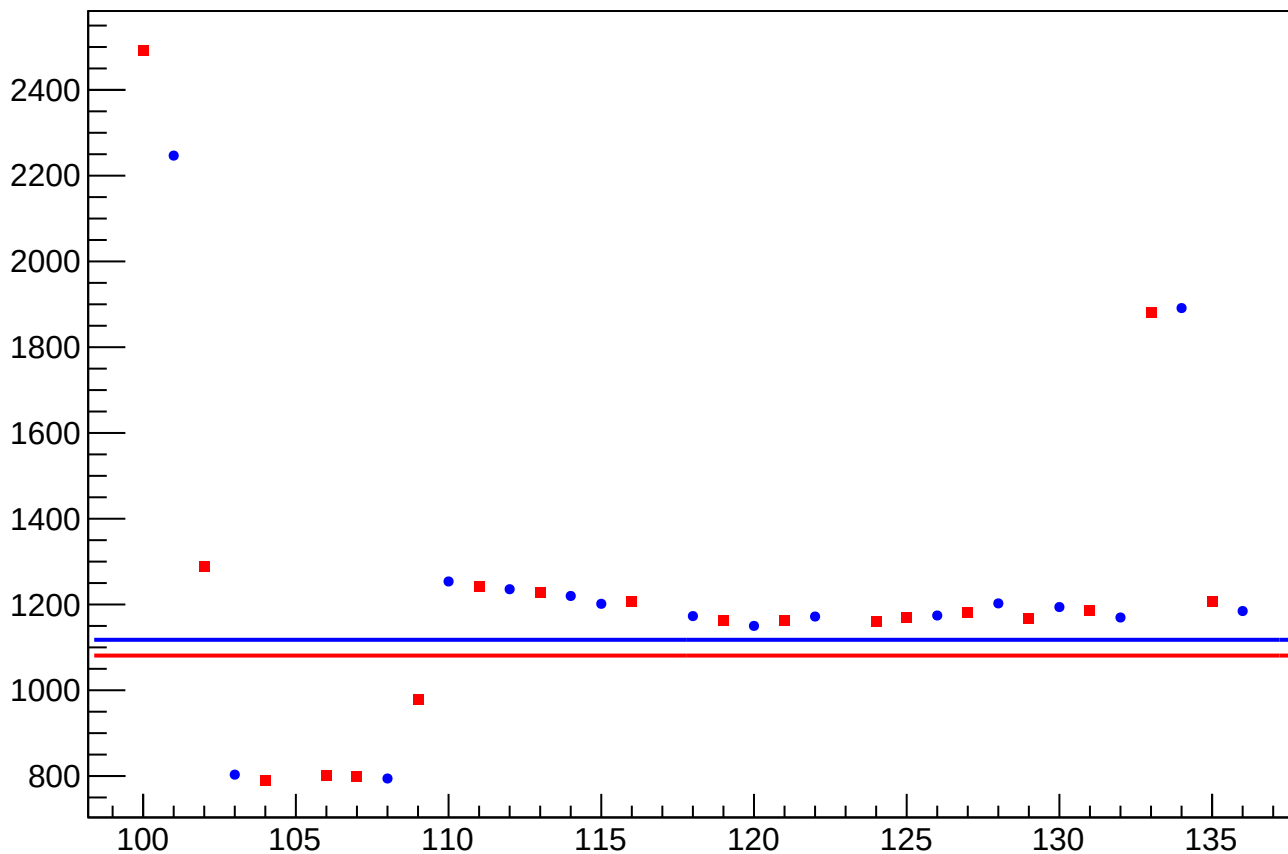
Right: -467.704+/-298.312 χ^2/NDF : 23.2/33

In: -732.682+/-427.385 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -467.704+/-298.312 χ^2/NDF : 23.2/33

eigen_cor_asym_usr_atr2_dd_rms vs Slug, Sign Corrected



Right In: 1117.684 $\pm$ 0.302 χ^2 /NDF: 819831.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1080.926 $\pm$ 0.294 χ^2 /NDF: 592063.9/17

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

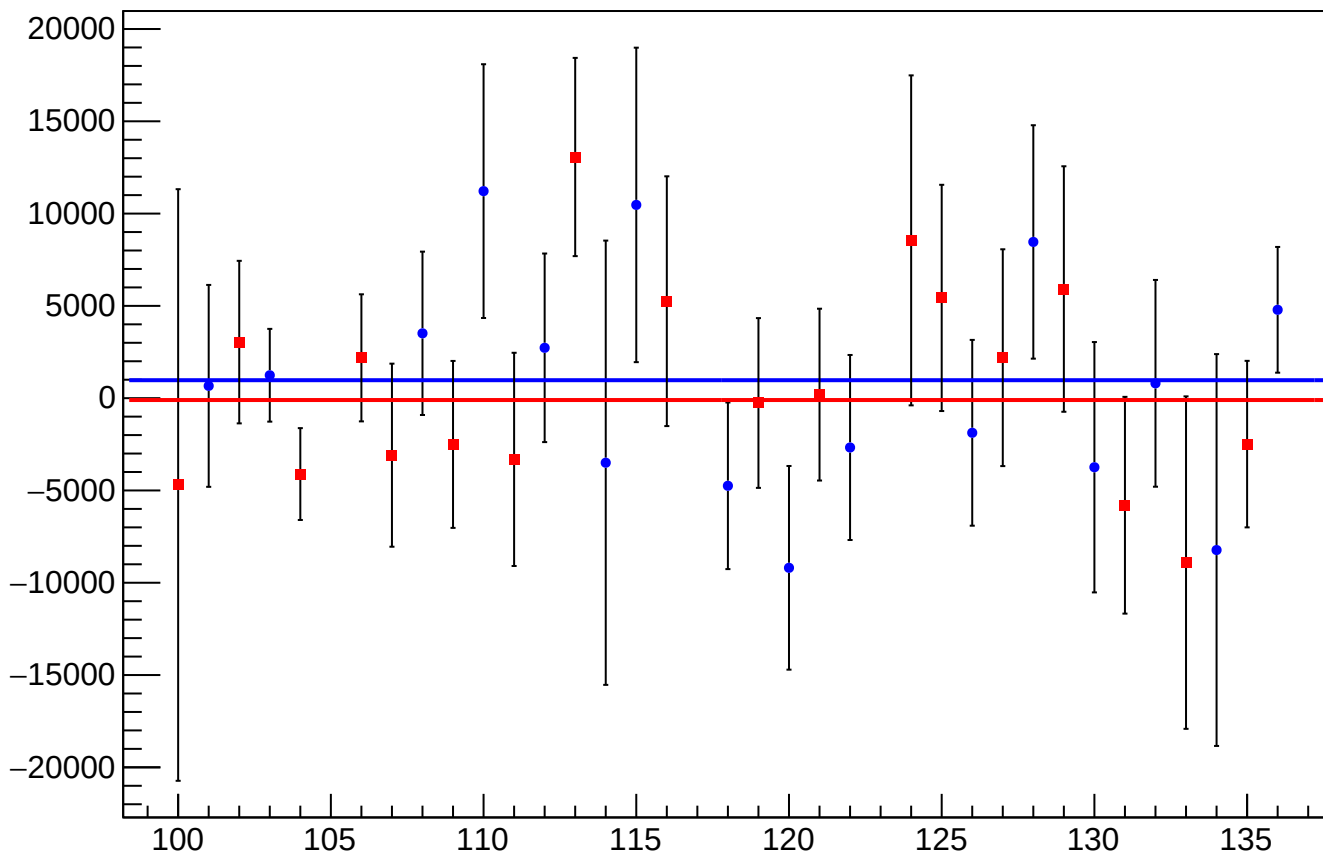
Right: 1098.798 $\pm$ 0.211 χ^2 /NDF: 1419497.0/33

In: 1117.684 $\pm$ 0.302 χ^2 /NDF:819831.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1098.798 $\pm$ 0.211 χ^2 /NDF: 1419497.0/33

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: -101.070+/-1153.068 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

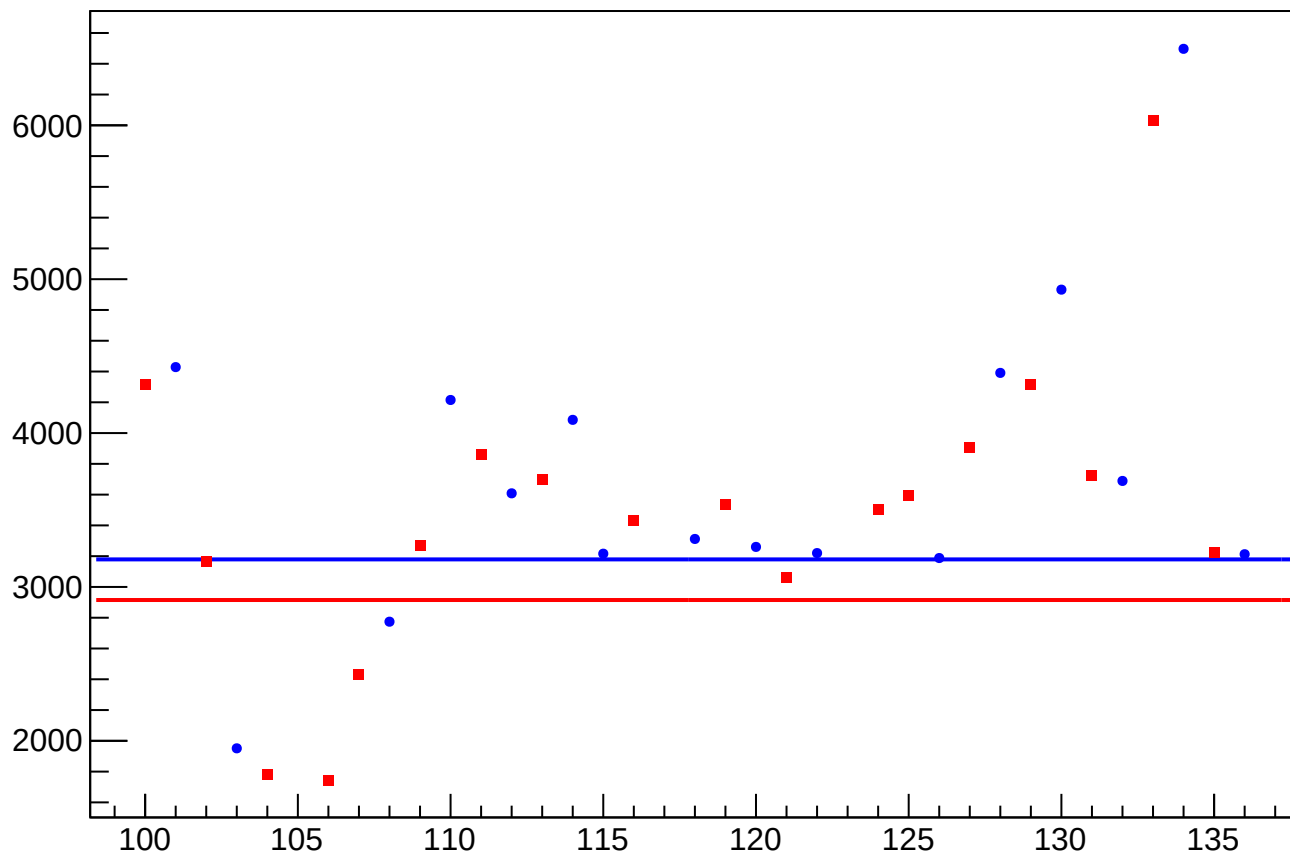
Right: 400.230+/-842.121 χ^2/NDF : 30.3/33

In: 973.256+/-1232.803 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 400.230+/-842.121 χ^2/NDF : 30.3/33

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: 2915.083+/-0.815 χ^2/NDF : 1310416.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

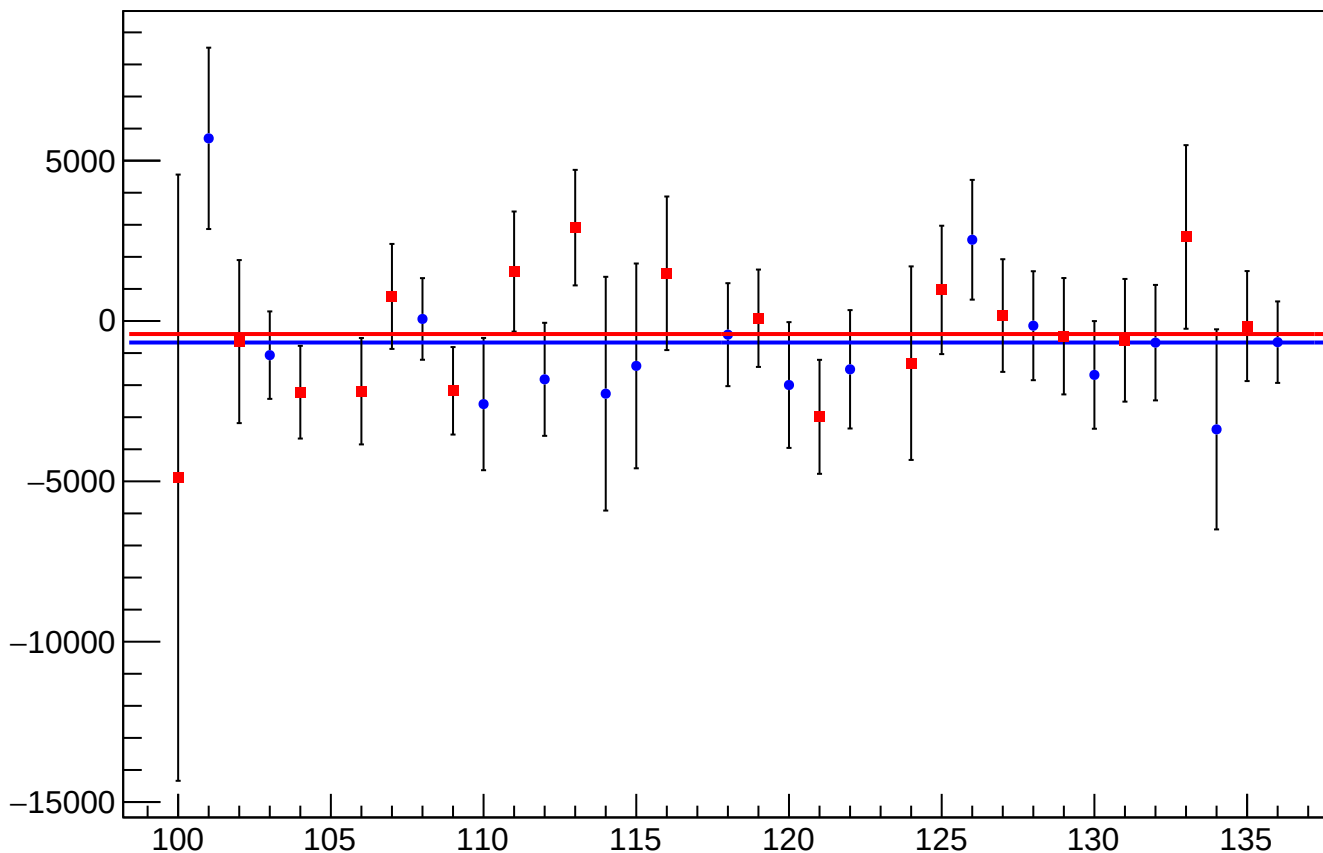
Right: 3038.257+/-0.595 χ^2/NDF : 2450562.5/33

In: 3179.054+/-0.872 χ^2/NDF :1091236.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3038.257+/-0.595 χ^2/NDF : 2450562.5/33

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: -406.496+/-440.267 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

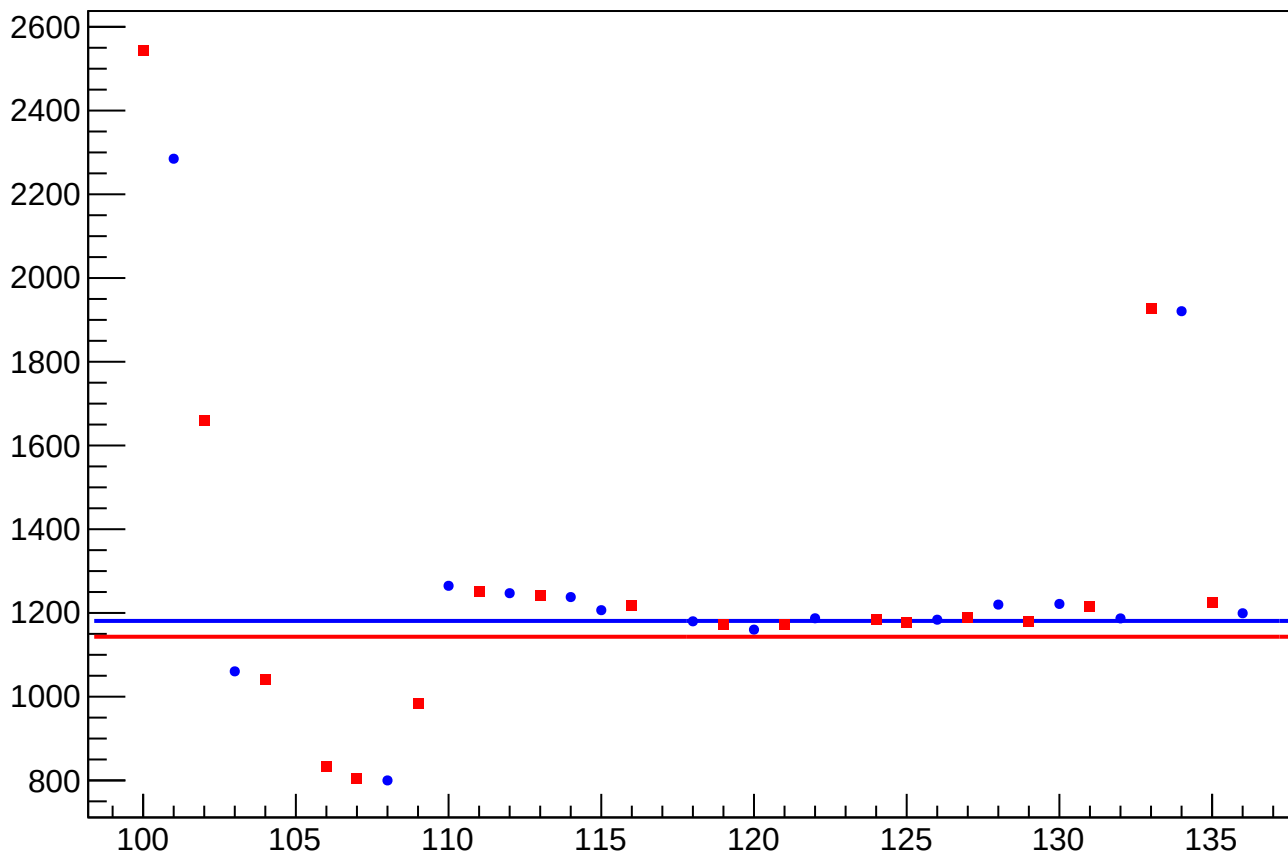
Right: -536.210+/-314.186 χ^2/NDF : 26.3/33

In: -670.819+/-448.500 χ^2/NDF : 11.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.210+/-314.186 χ^2/NDF : 26.3/33

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: 1143.167+/-0.311 χ^2/NDF : 496715.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

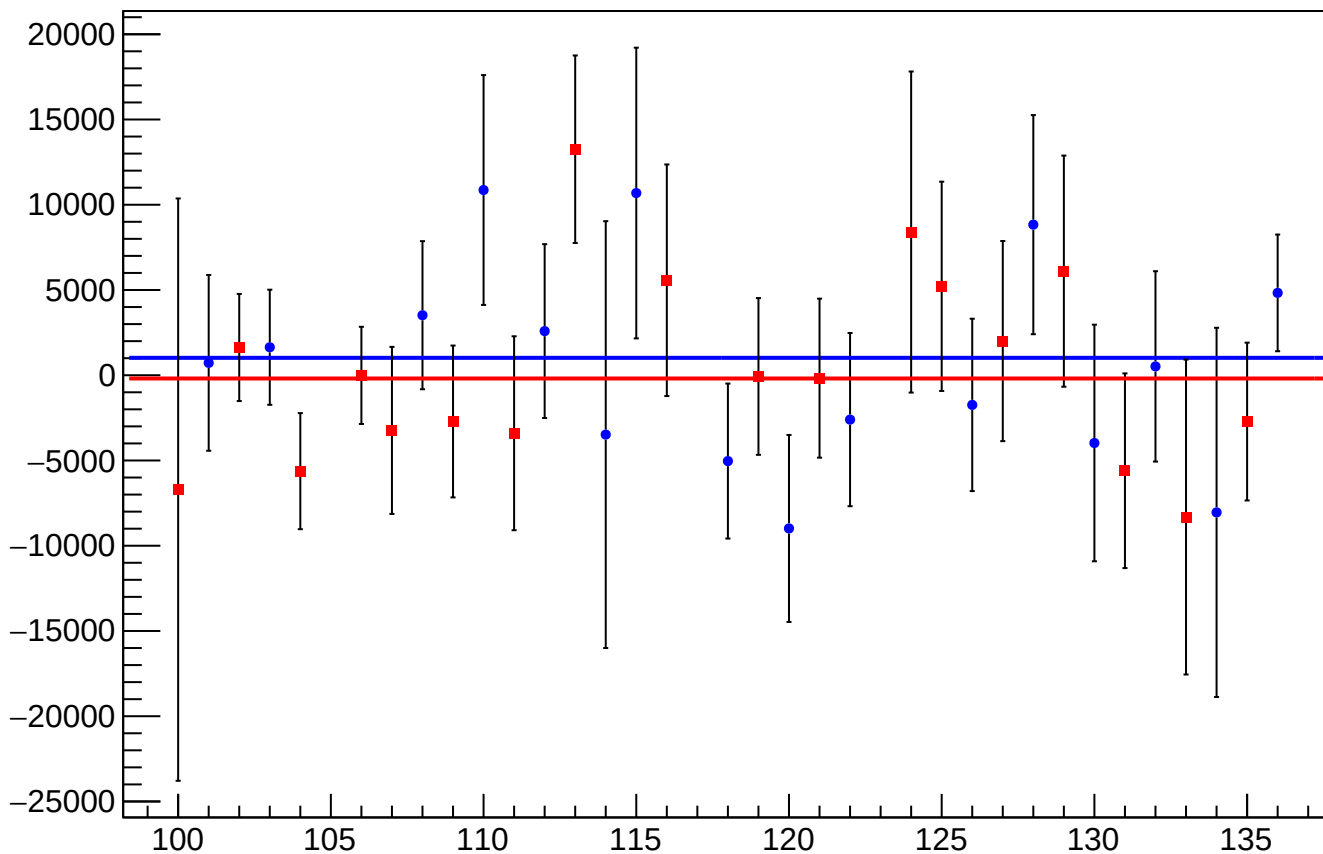
Right: 1161.702+/-0.222 χ^2/NDF : 1125827.3/33

In: 1180.955+/-0.317 χ^2/NDF :621878.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1161.702+/-0.222 χ^2/NDF : 1125827.3/33

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: -190.664+/-1144.823 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

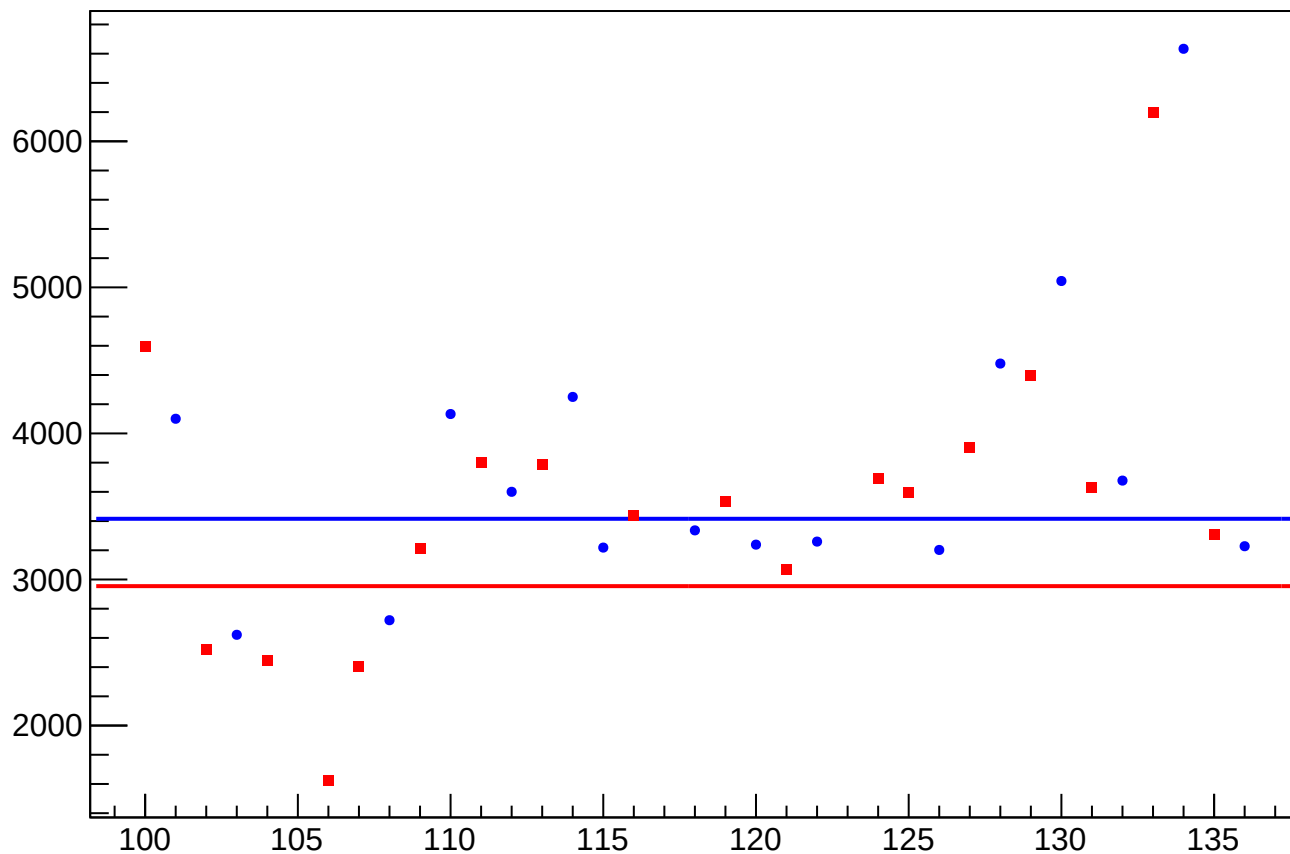
Right: 337.477+/-859.865 χ^2/NDF : 29.7/33

In: 1021.047+/-1302.431 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.477+/-859.865 χ^2/NDF : 29.7/33

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: 2954.480+/-0.810 χ^2 /NDF: 1165914.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

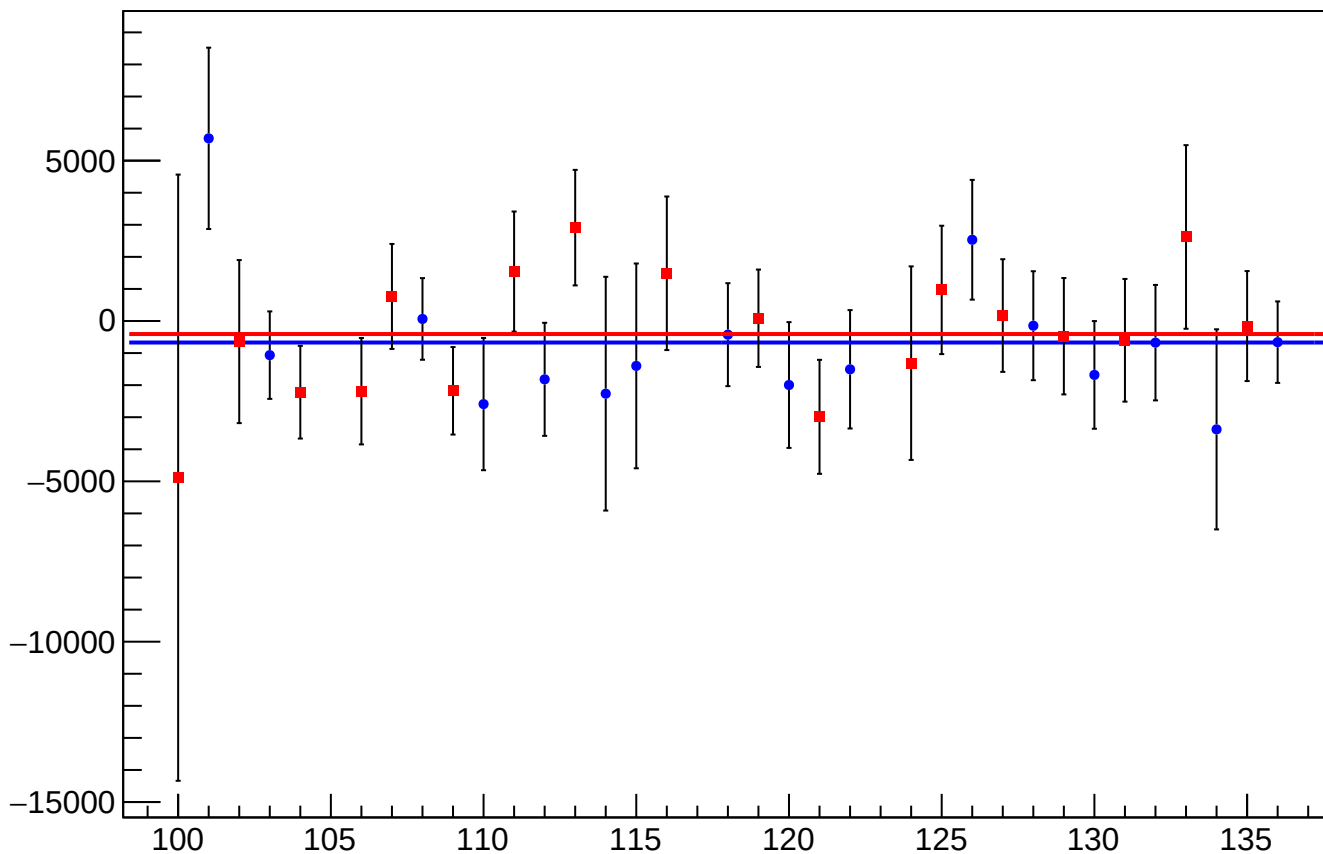
Right: 3155.464+/-0.608 χ^2 /NDF: 1899682.2/33

In: 3415.595+/-0.921 χ^2 /NDF:592344.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 3155.464+/-0.608 χ^2 /NDF: 1899682.2/33

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: -406.502+/-440.267 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

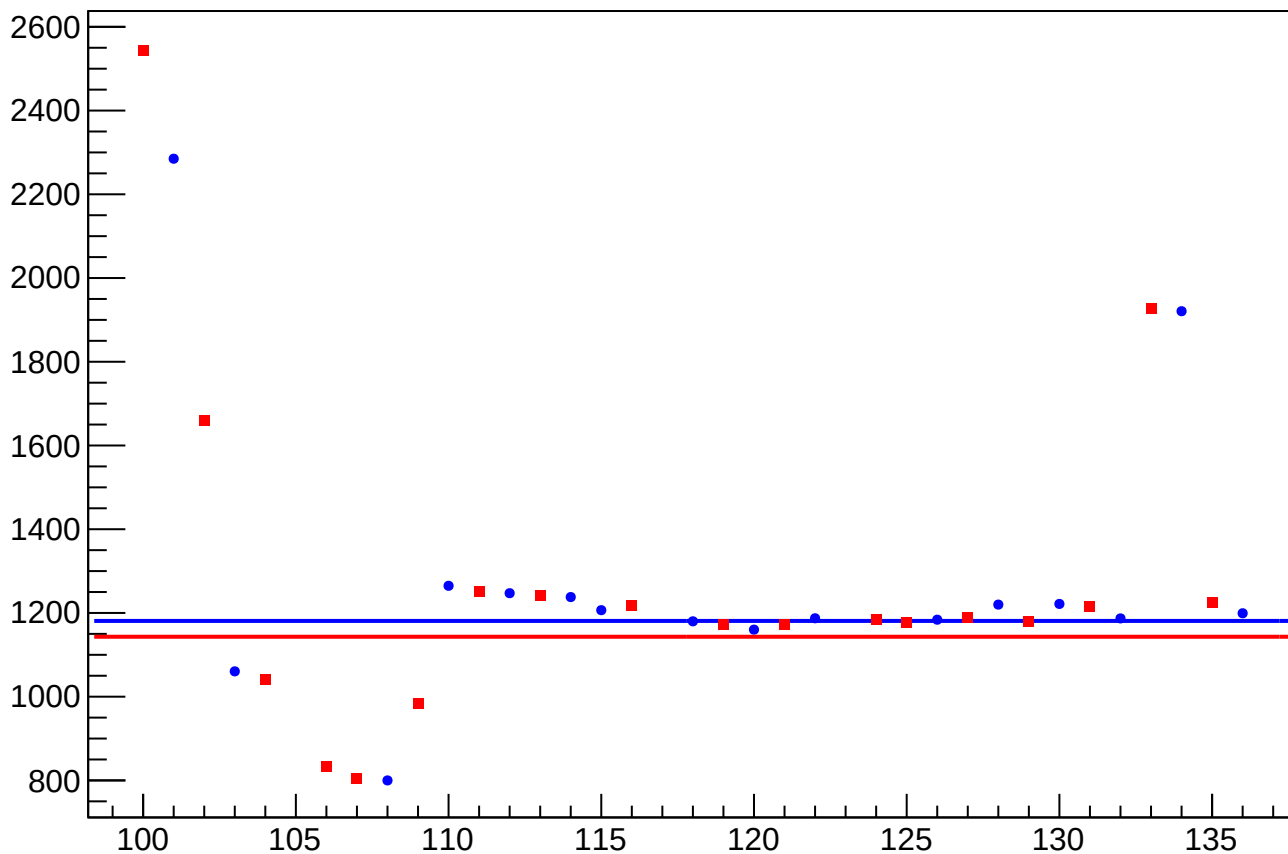
Right: -536.215+/-314.186 χ^2/NDF : 26.3/33

In: -670.824+/-448.500 χ^2/NDF : 11.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -536.215+/-314.186 χ^2/NDF : 26.3/33

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: 1143.167+/-0.311 χ^2/NDF : 496714.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

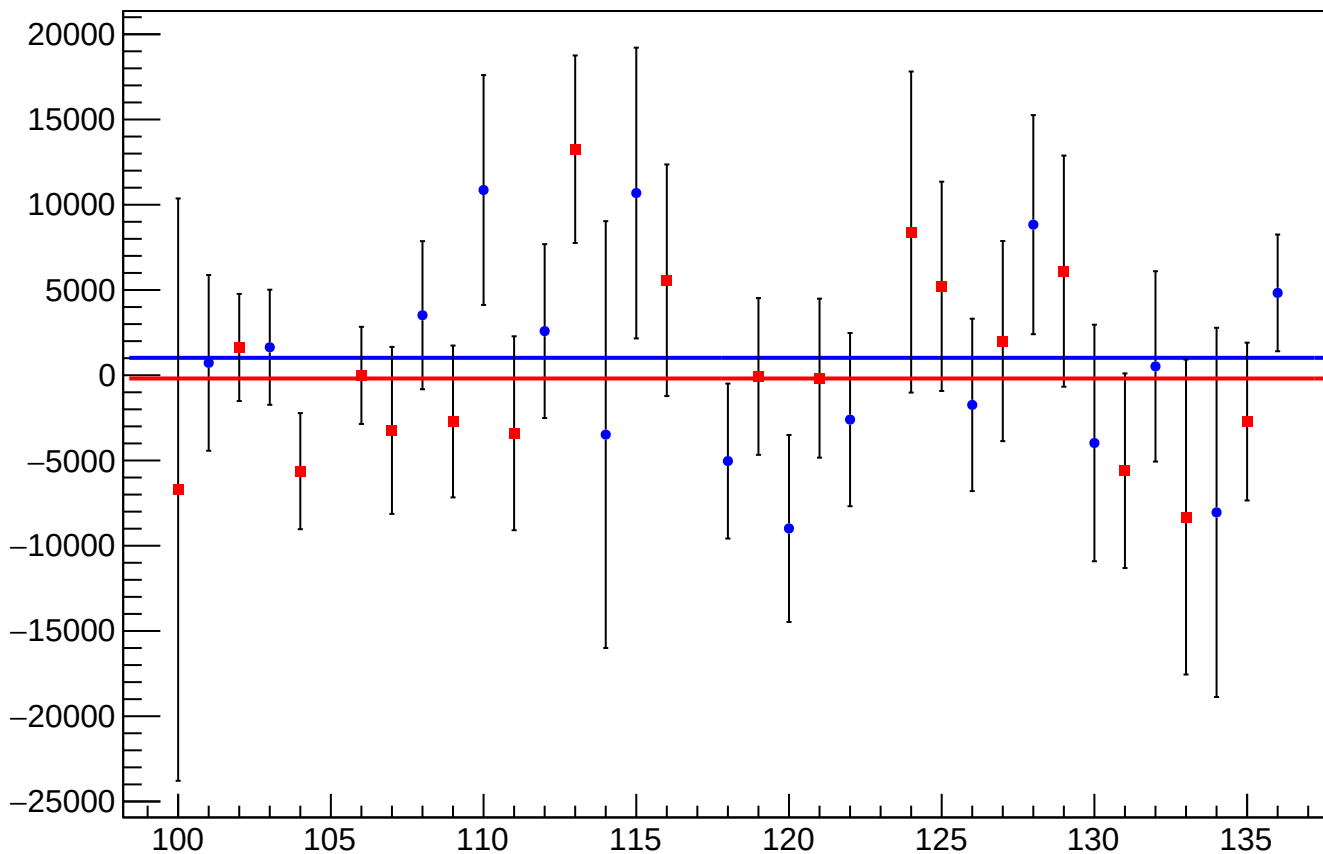
Right: 1161.702+/-0.222 χ^2/NDF : 1125827.0/33

In: 1180.955+/-0.317 χ^2/NDF :621878.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1161.702+/-0.222 χ^2/NDF : 1125827.0/33

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: -190.669+/-1144.821 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

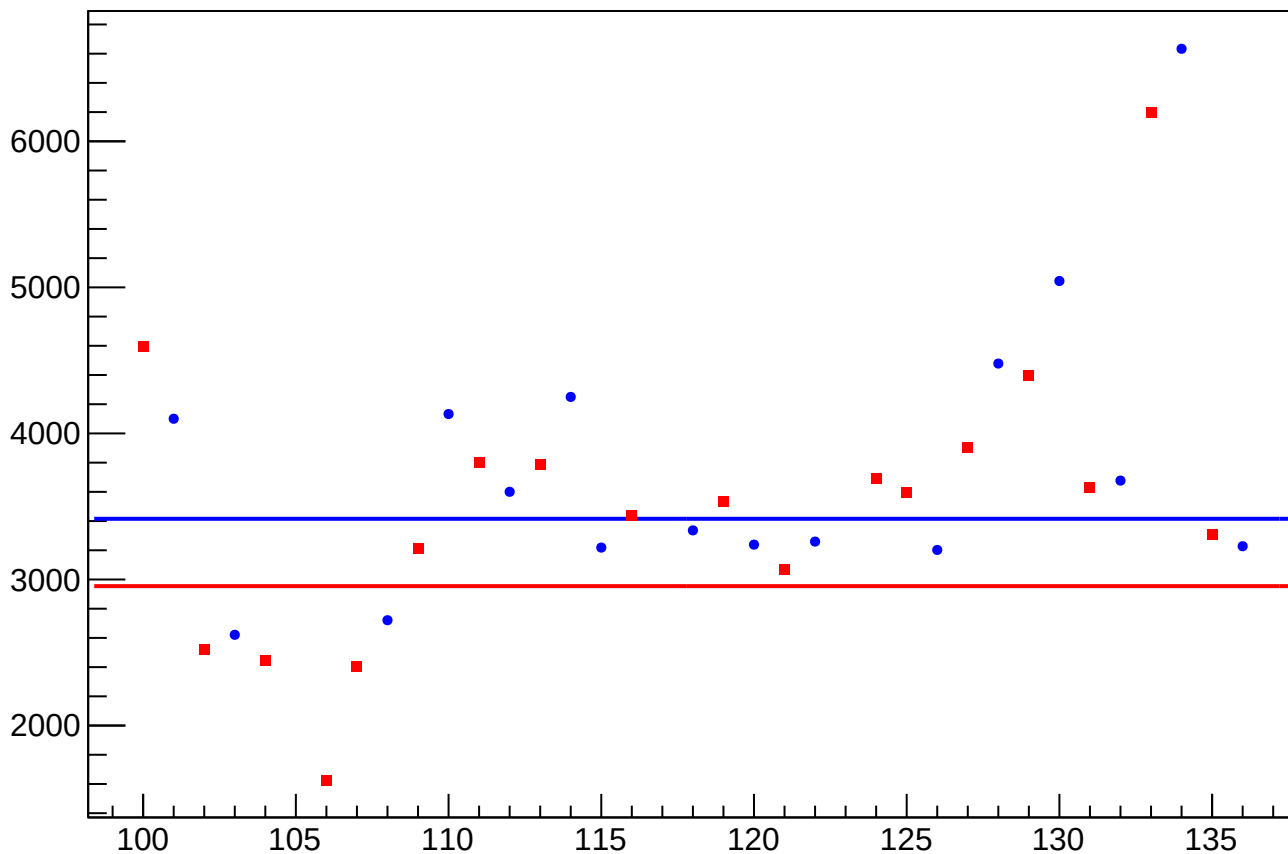
Right: 337.466+/-859.864 χ^2/NDF : 29.7/33

In: 1021.029+/-1302.430 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 337.466+/-859.864 χ^2/NDF : 29.7/33

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: 2954.475+/-0.810 χ^2/NDF : 1165914.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

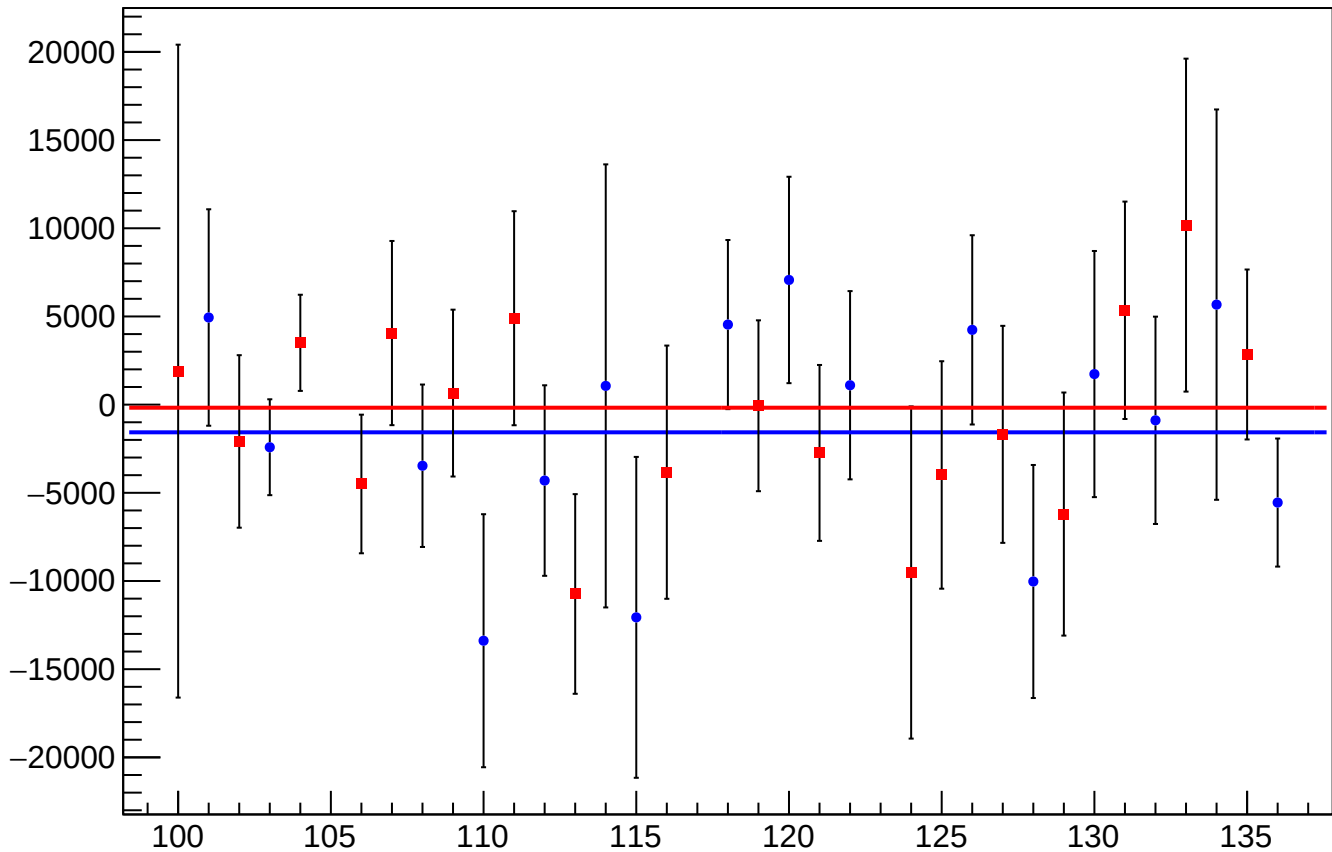
Right: 3155.459+/-0.608 χ^2/NDF : 1899678.2/33

In: 3415.591+/-0.921 χ^2/NDF : 592339.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3155.459+/-0.608 χ^2/NDF : 1899678.2/33

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: -174.541 ± 1240.905 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

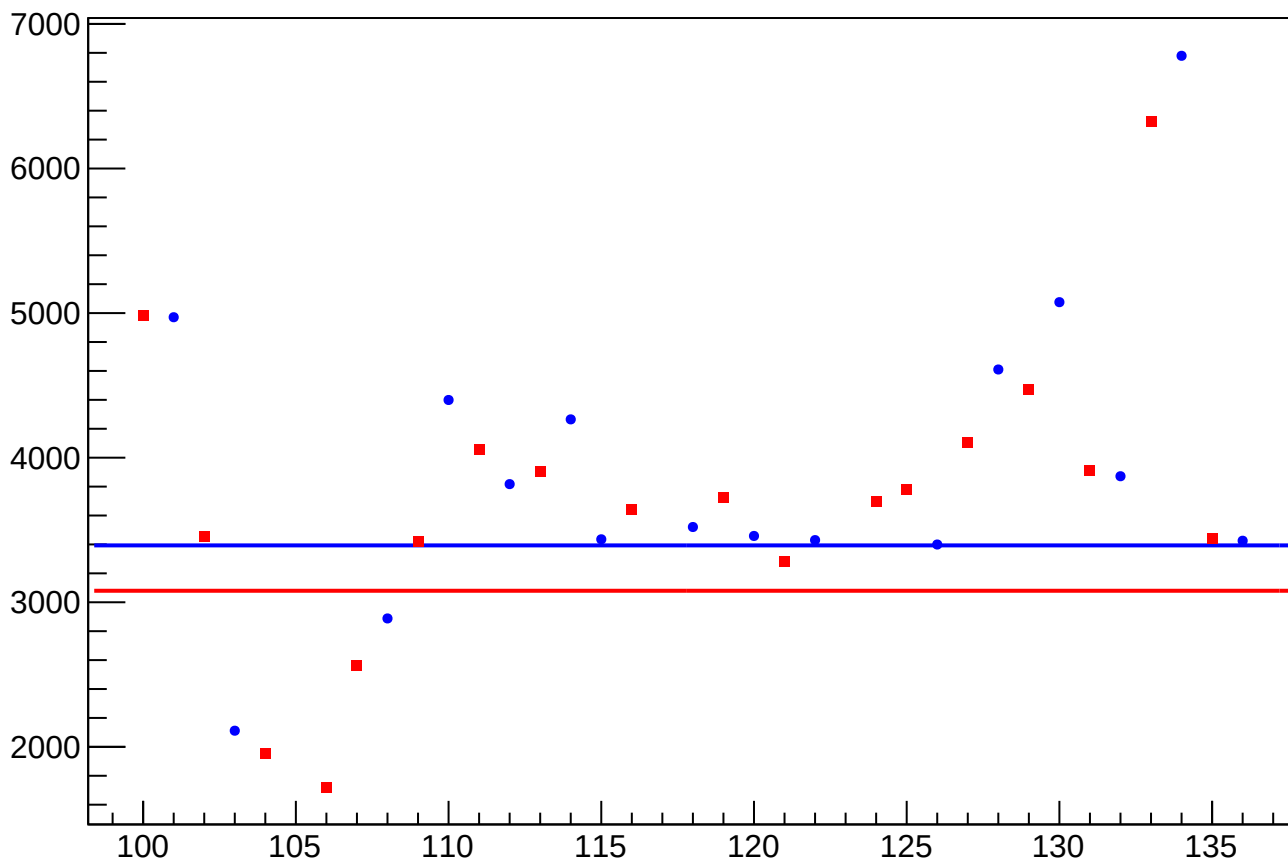
Right: -832.852 ± 901.843 χ^2/NDF : 28.2/33

In: -1569.809 ± 1312.937 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -832.852 ± 901.843 χ^2/NDF : 28.2/33

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: 3079.580+/-0.862 χ^2/NDF : 1325228.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

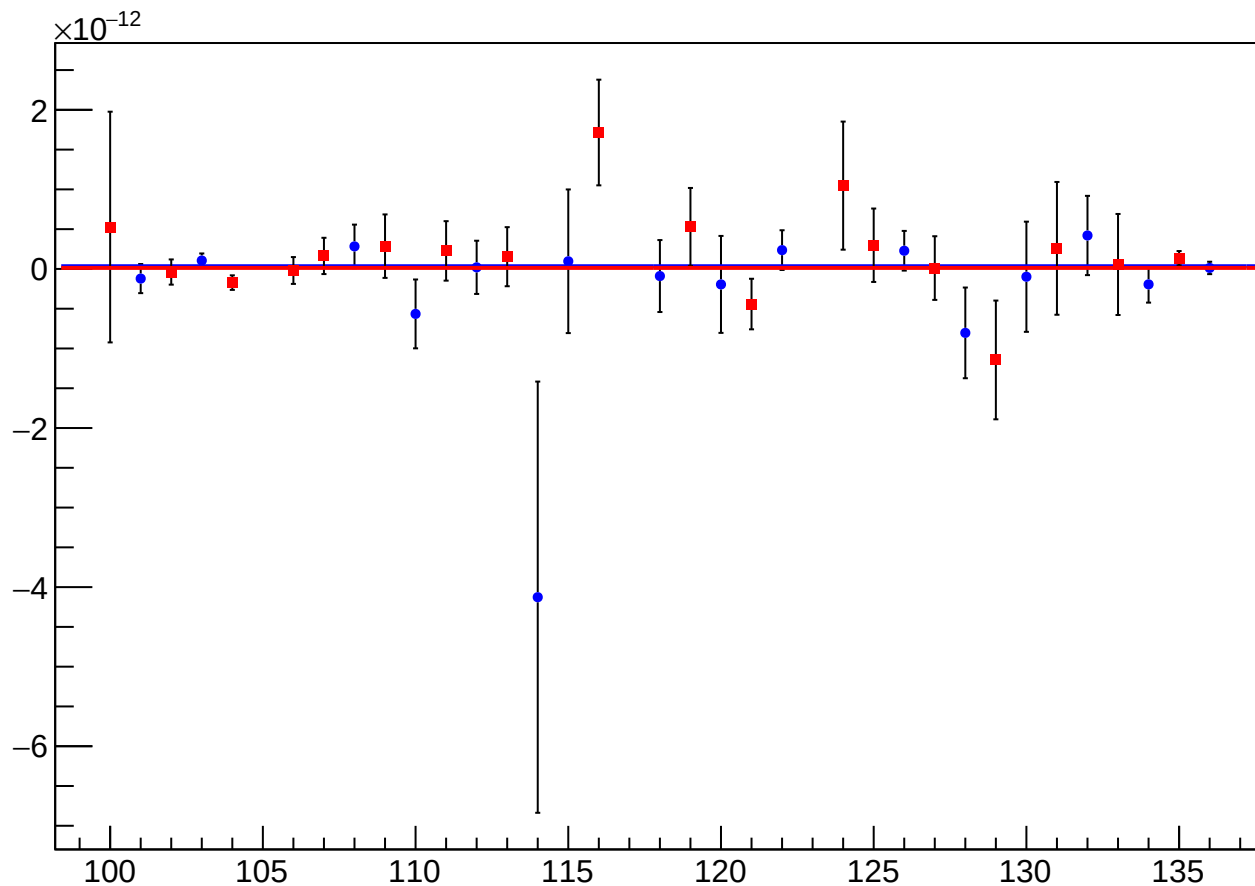
Right: 3224.920+/-0.632 χ^2/NDF : 2435260.9/33

In: 3393.365+/-0.928 χ^2/NDF :1048707.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 3224.920+/-0.632 χ^2/NDF : 2435260.9/33

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 : 21.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

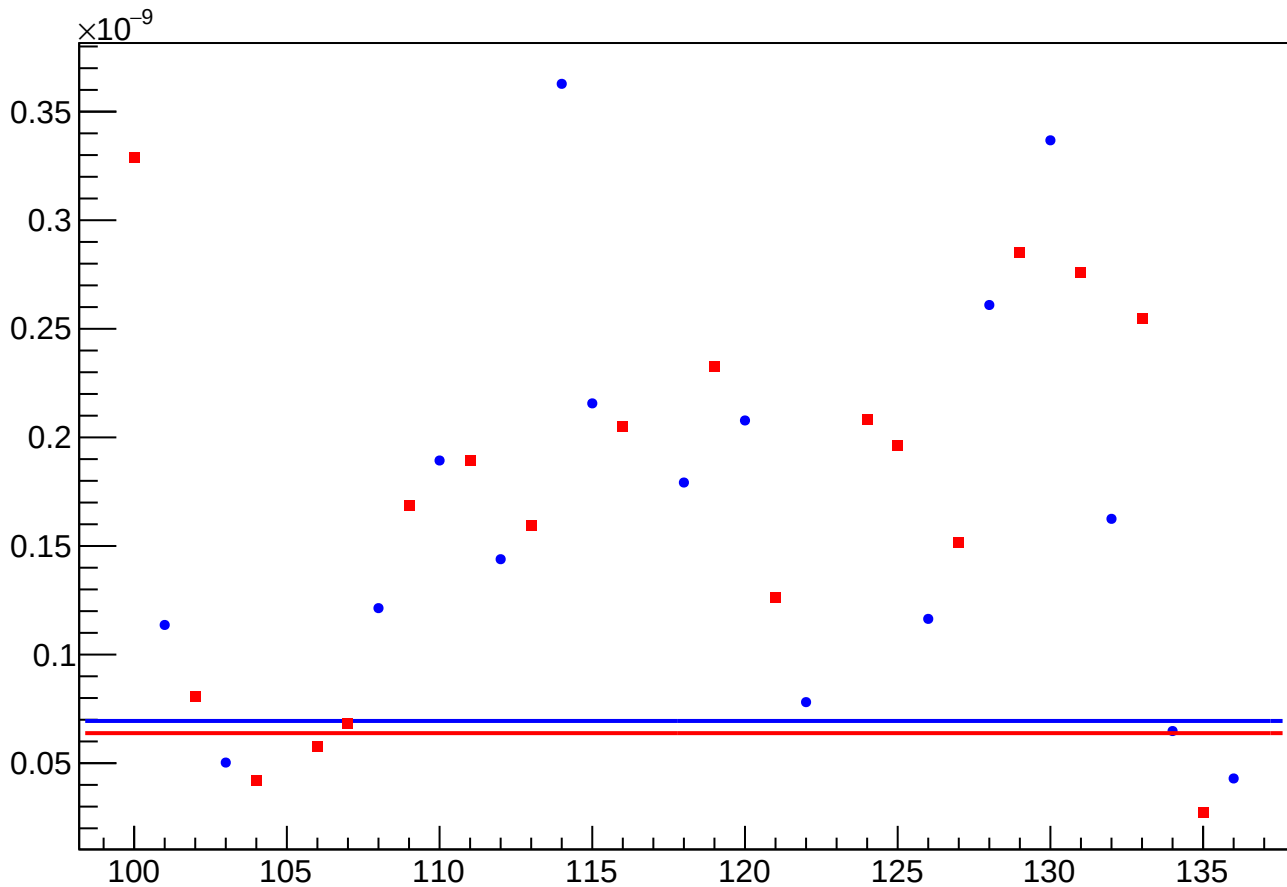
Right: 0.000+/-0.000 χ^2/NDF : 33.7/33

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 : 33.7/33

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 : 2249646.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

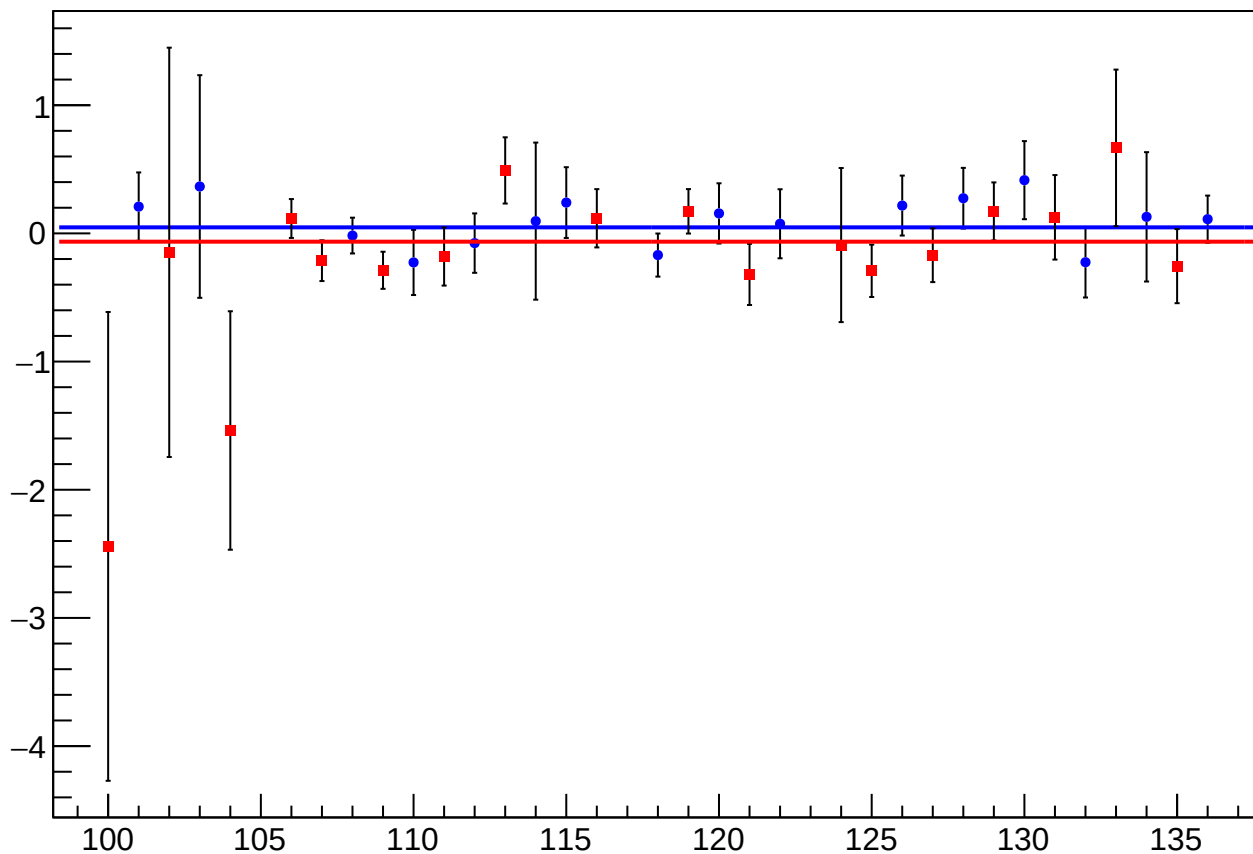
Right: 0.000+/-0.000 χ^2/NDF : 3991867.0/33

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 : 3991867.0/33

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: -0.065 $\pm$ 0.055 χ^2 /NDF: 22.2/17

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

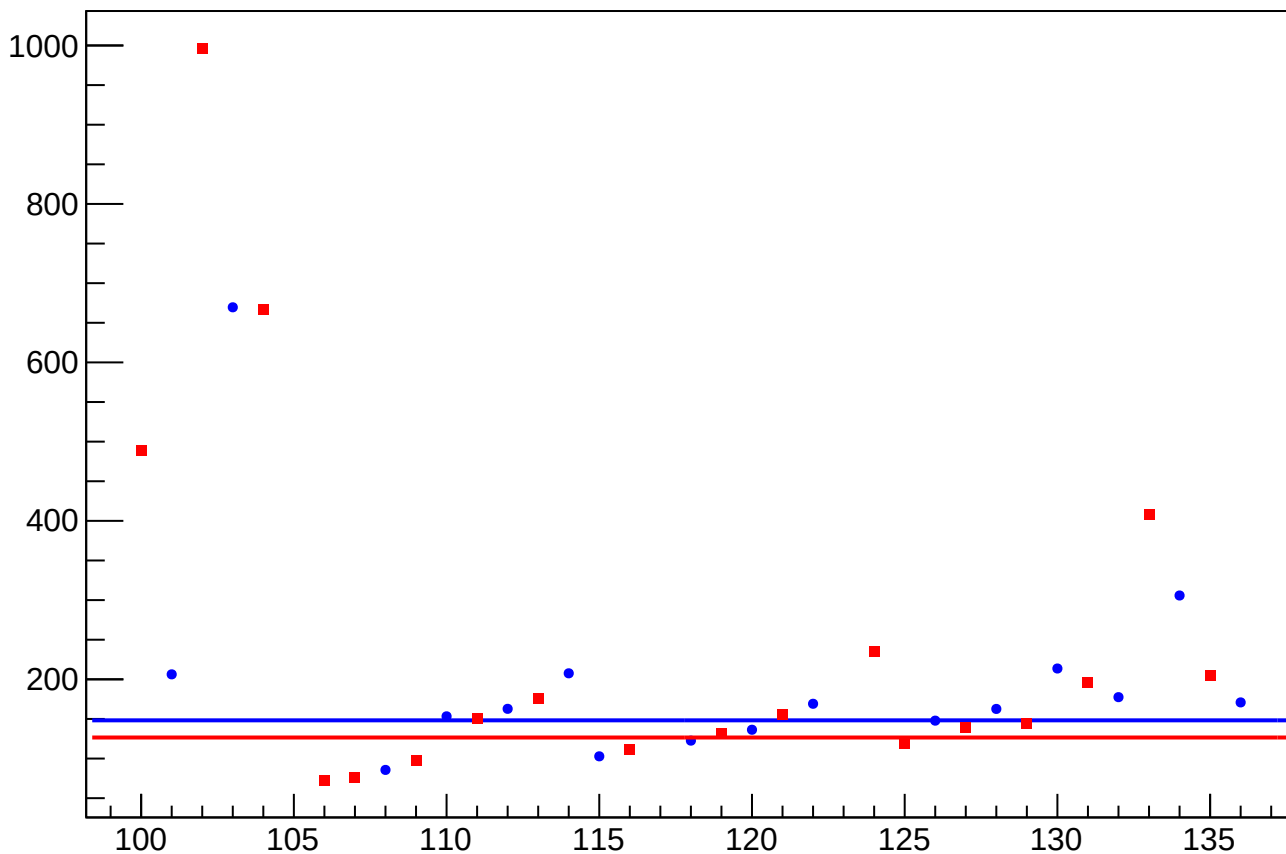
Right: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

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: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

asym_usr_atr2_dd_dit_vs_cor_diff_rms 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: 126.569+/-0.039 χ^2/NDF : 2780120.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

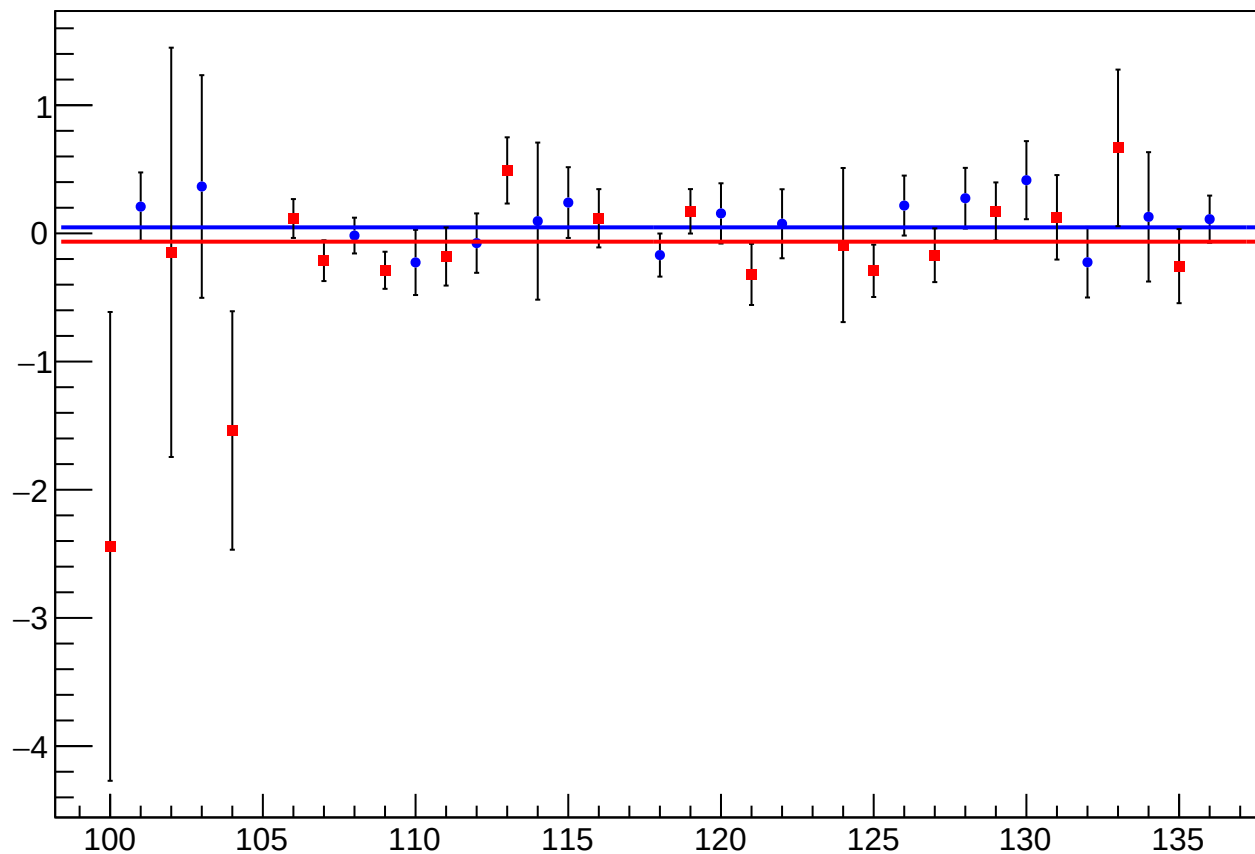
Right: 136.466+/-0.029 χ^2/NDF : 4631781.8/33

In: 148.240+/-0.042 χ^2/NDF : 1710035.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.466+/-0.029 χ^2/NDF : 4631781.8/33

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: -0.065 $\pm$ 0.055 χ^2 /NDF: 22.2/17

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

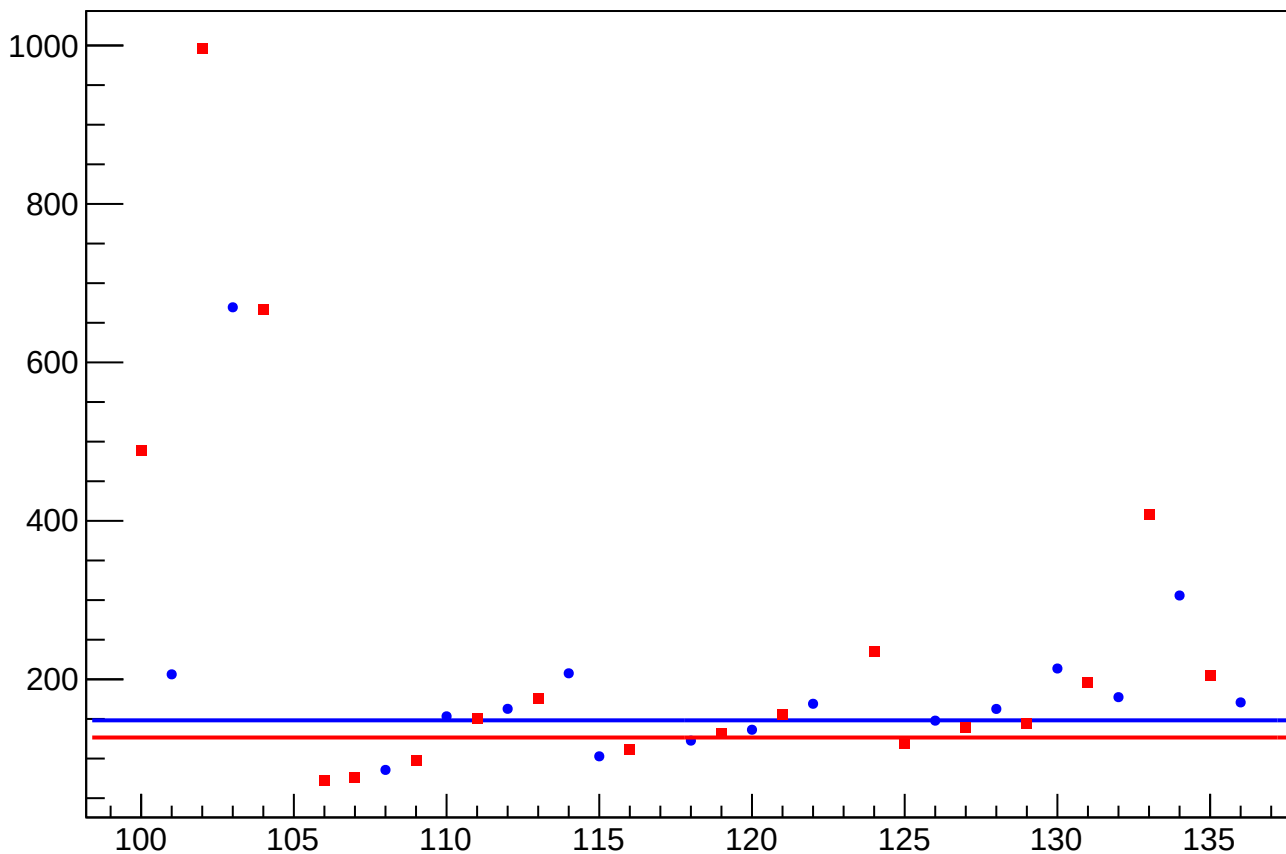
Right: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

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: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

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: 126.569 $\pm$ 0.039 χ^2 /NDF: 2780120.6/17

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

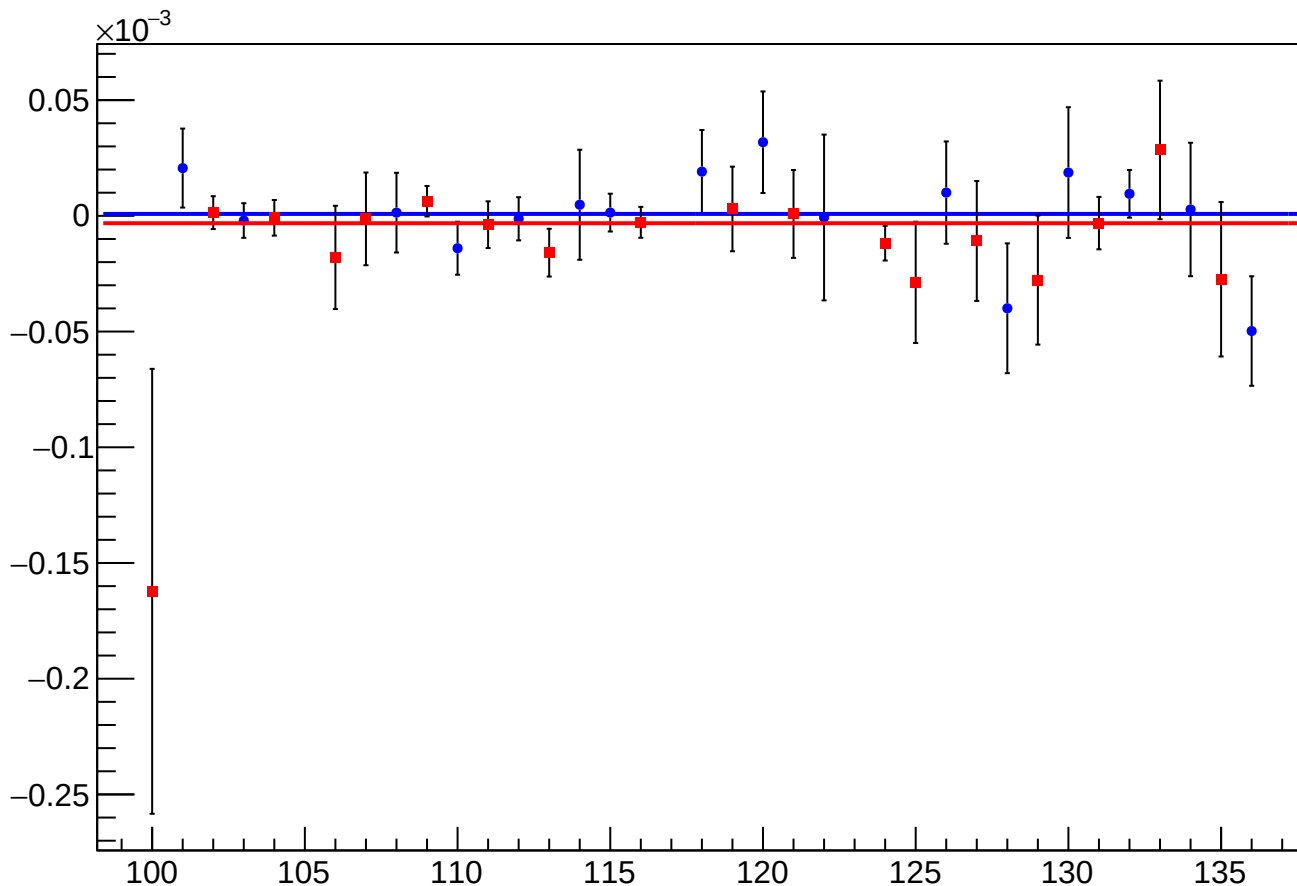
Right: 136.466 $\pm$ 0.029 χ^2 /NDF: 4631781.8/33

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: 136.466 $\pm$ 0.029 χ^2 /NDF: 4631781.8/33

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 : 12.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

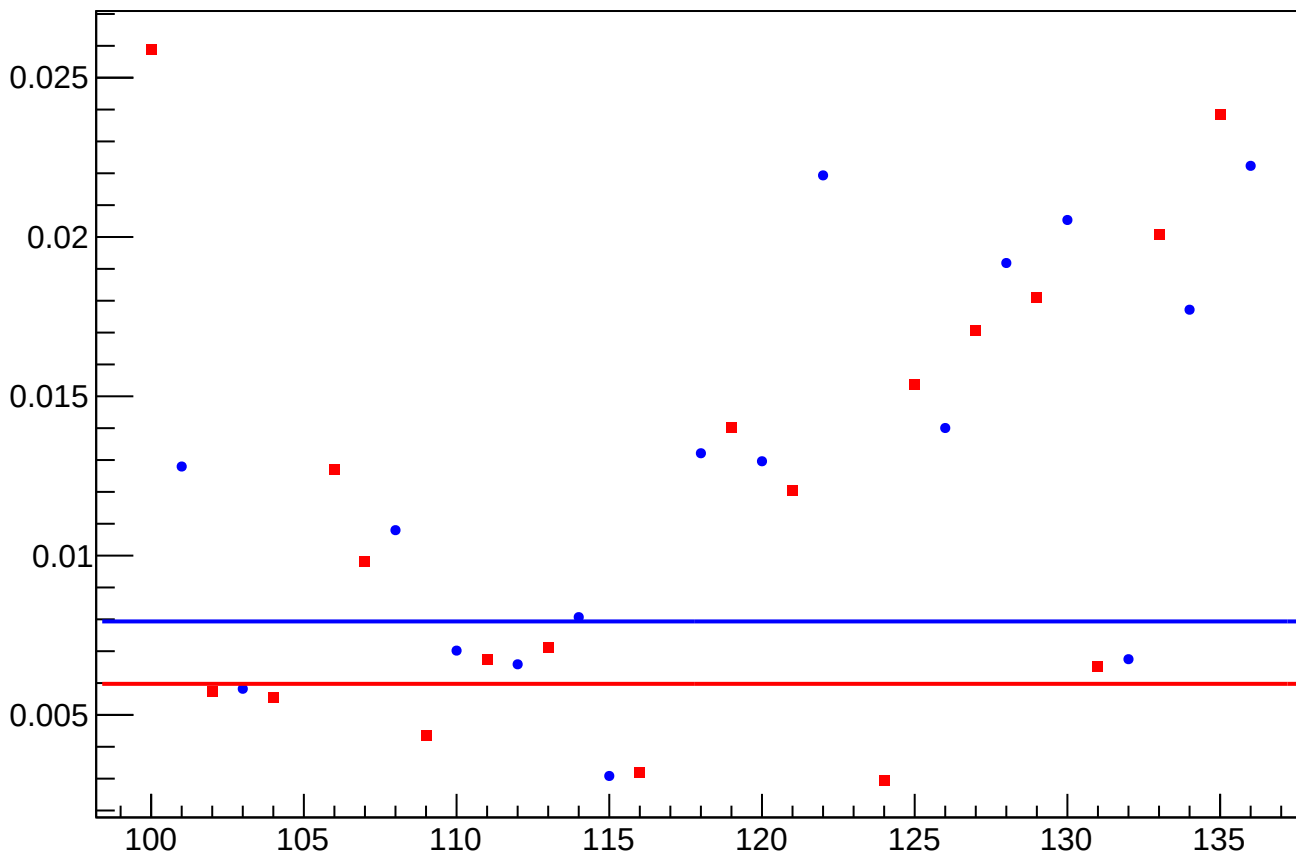
Right: -0.000+/-0.000 χ^2/NDF : 27.4/33

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 : 27.4/33

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 : 3796163.3/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.007+/-0.000

χ^2/NDF : 7779044.3/33

In: 0.008+/-0.000

χ^2/NDF : 3577687.8/15

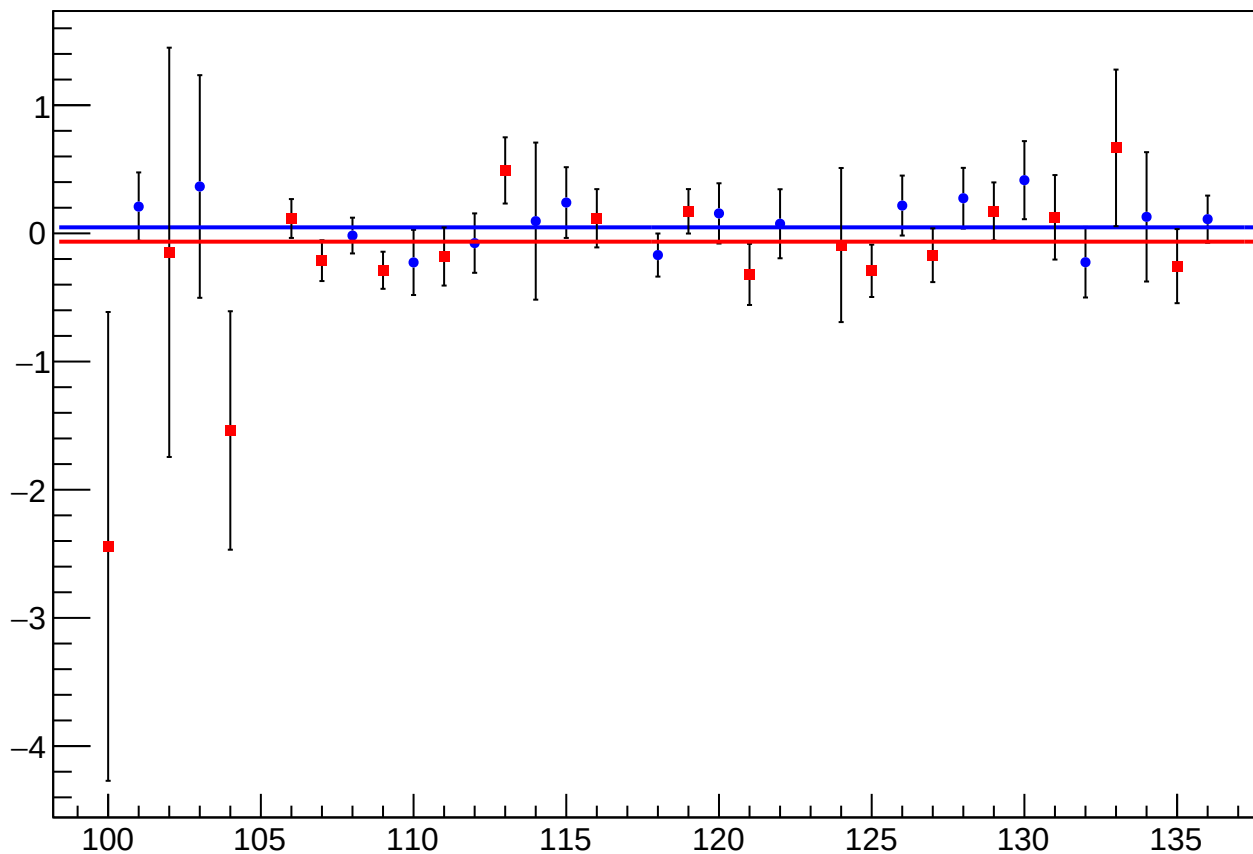
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 7779044.3/33

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: -0.065 $\pm$ 0.055 χ^2 /NDF: 22.2/17

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

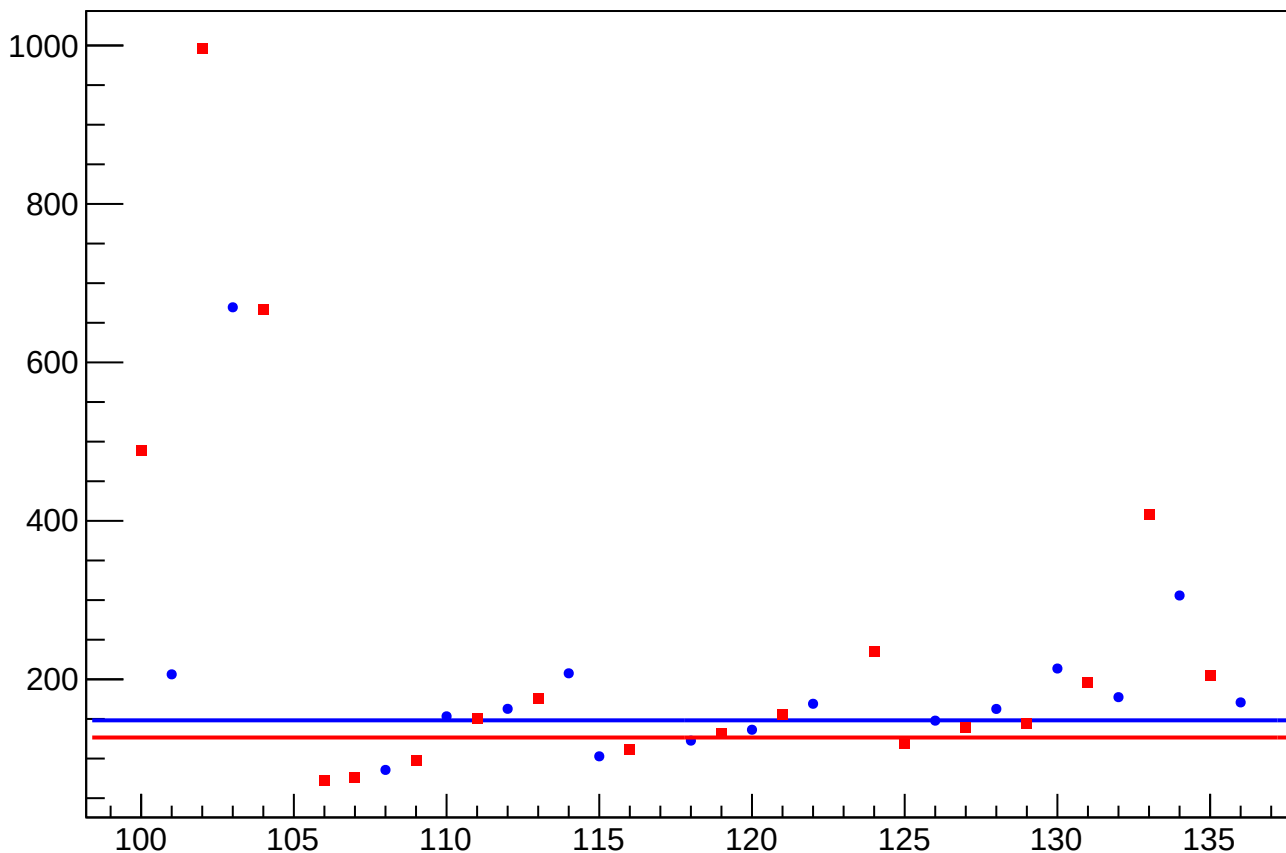
Right: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

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: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.238 $\pm$ 0.042 χ^2 /NDF: 1710114.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.569 $\pm$ 0.039 χ^2 /NDF: 2780105.8/17

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

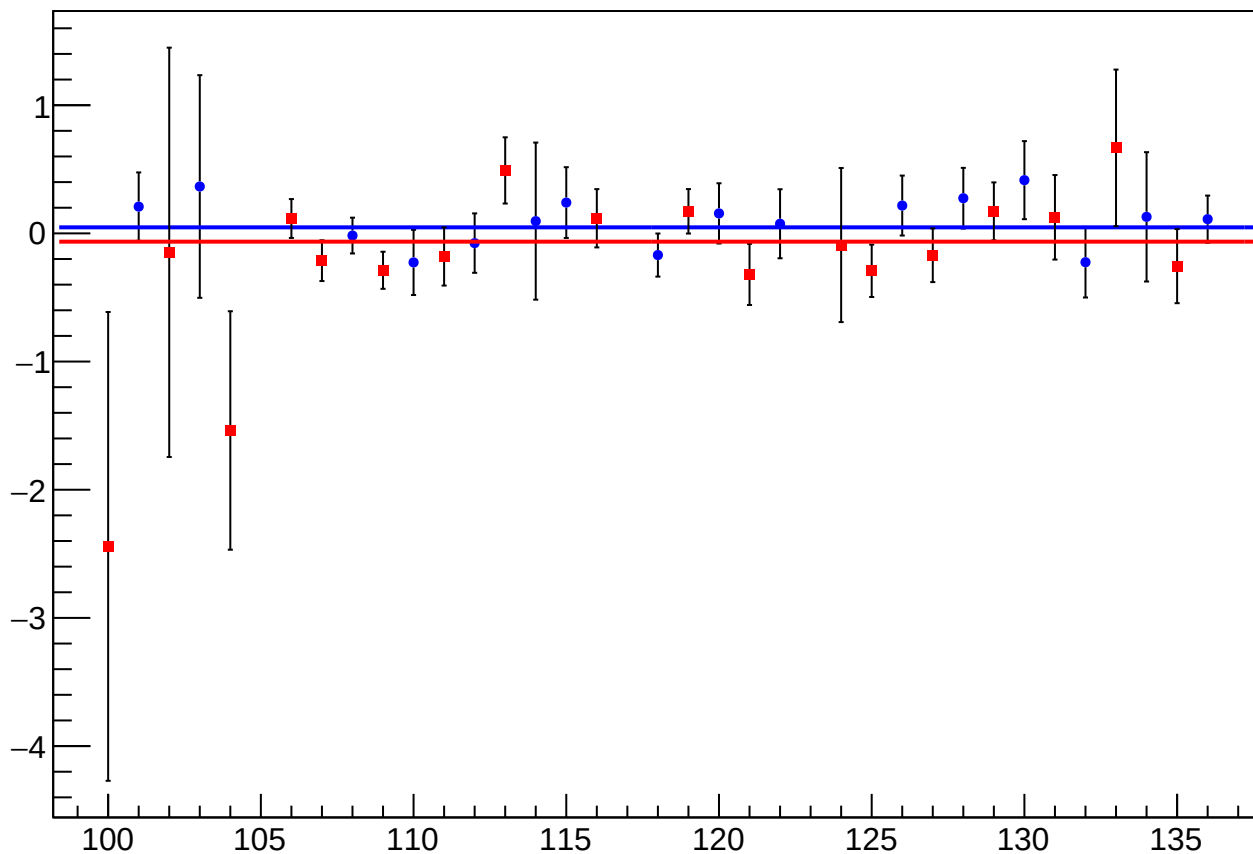
Right: 136.465 $\pm$ 0.029 χ^2 /NDF: 4631815.4/33

In: 148.238 $\pm$ 0.042 χ^2 /NDF:1710114.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.465 $\pm$ 0.029 χ^2 /NDF: 4631815.4/33

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: -0.065 $\pm$ 0.055 χ^2 /NDF: 22.2/17

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

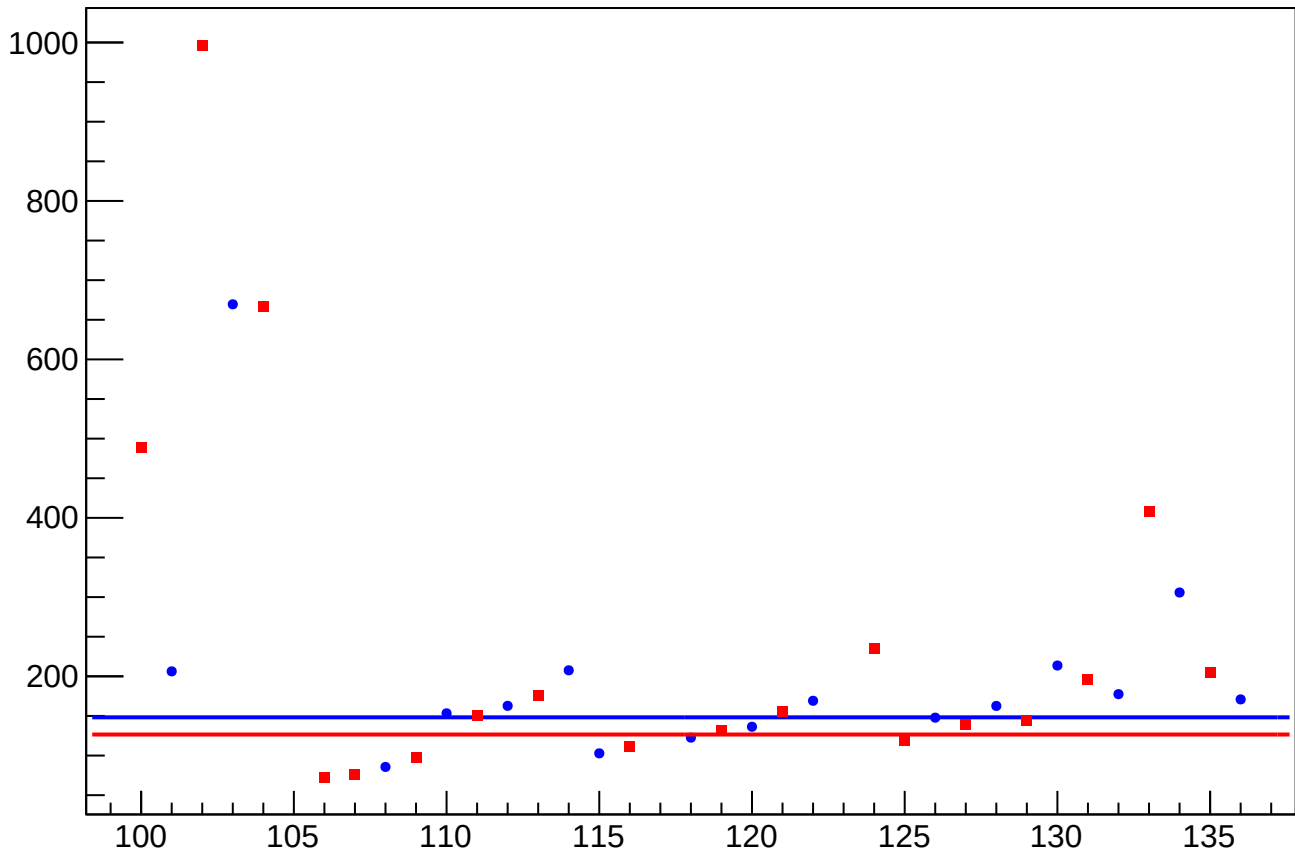
Right: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

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: -0.014 $\pm$ 0.041 χ^2 /NDF: 32.7/33

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 148.238 $\pm$ 0.042 χ^2 /NDF: 1710114.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.569 $\pm$ 0.039 χ^2 /NDF: 2780105.8/17

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

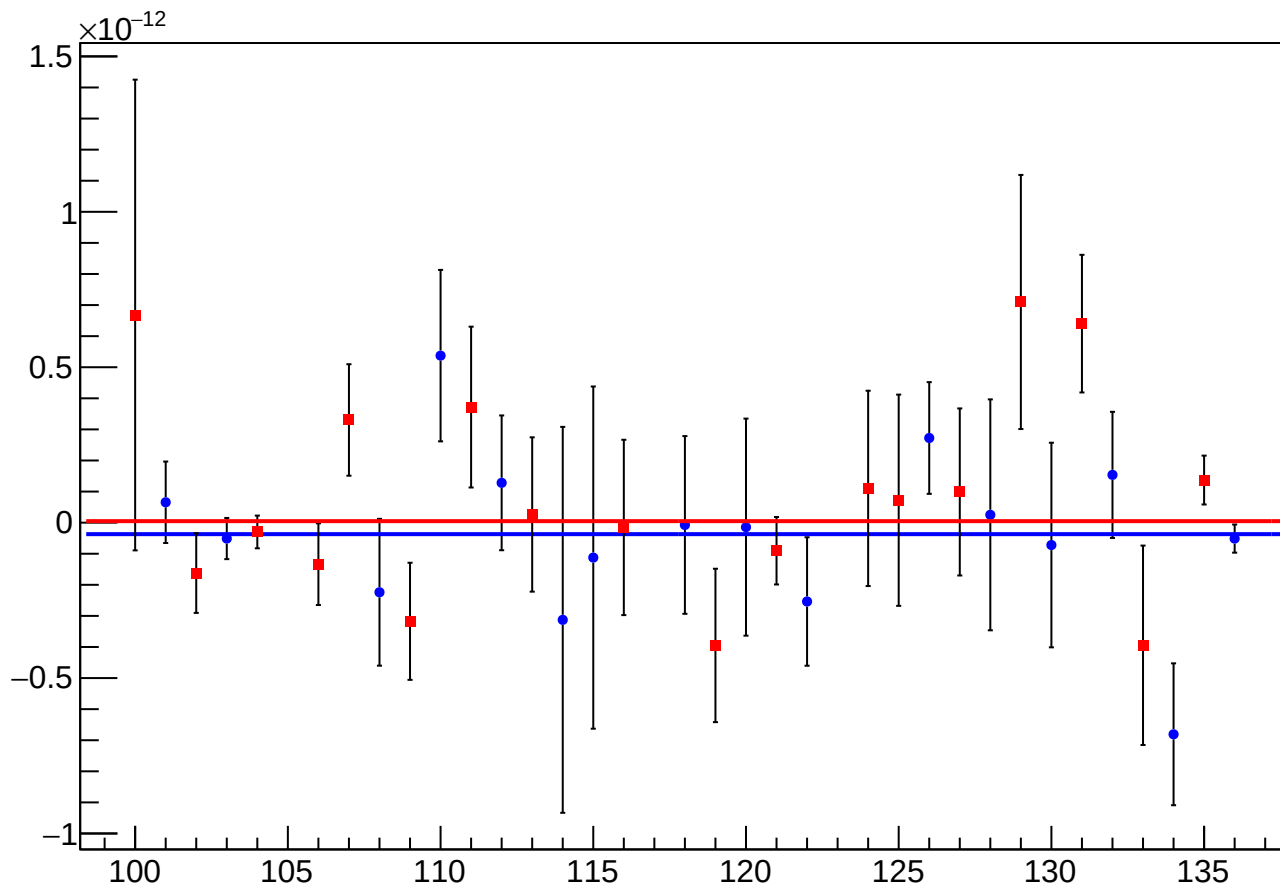
Right: 136.465 $\pm$ 0.029 χ^2 /NDF: 4631815.4/33

In: 148.238 $\pm$ 0.042 χ^2 /NDF:1710114.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 136.465 $\pm$ 0.029 χ^2 /NDF: 4631815.4/33

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 : 31.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

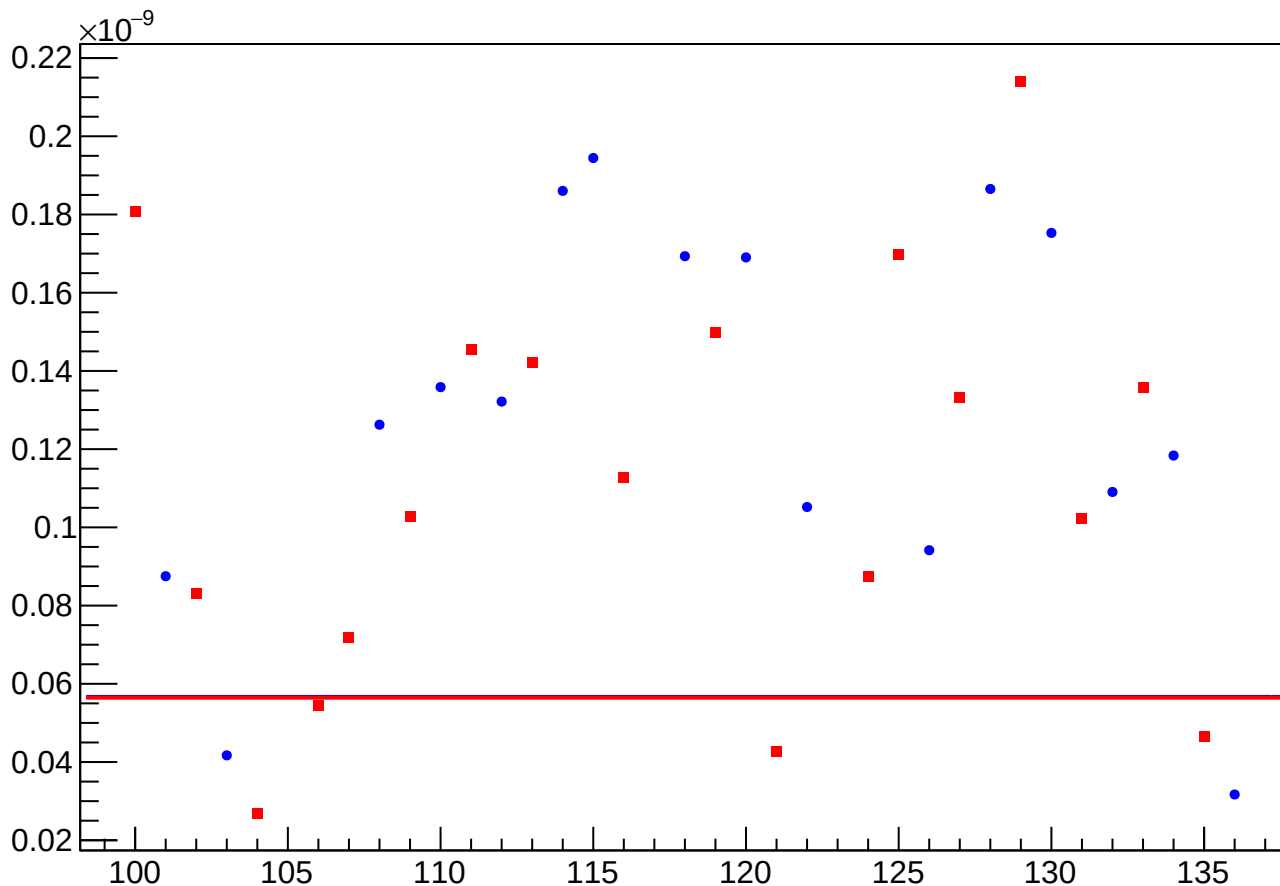
Right: -0.000+/-0.000 χ^2/NDF : 51.8/33

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 : 51.8/33

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 : 2724596.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

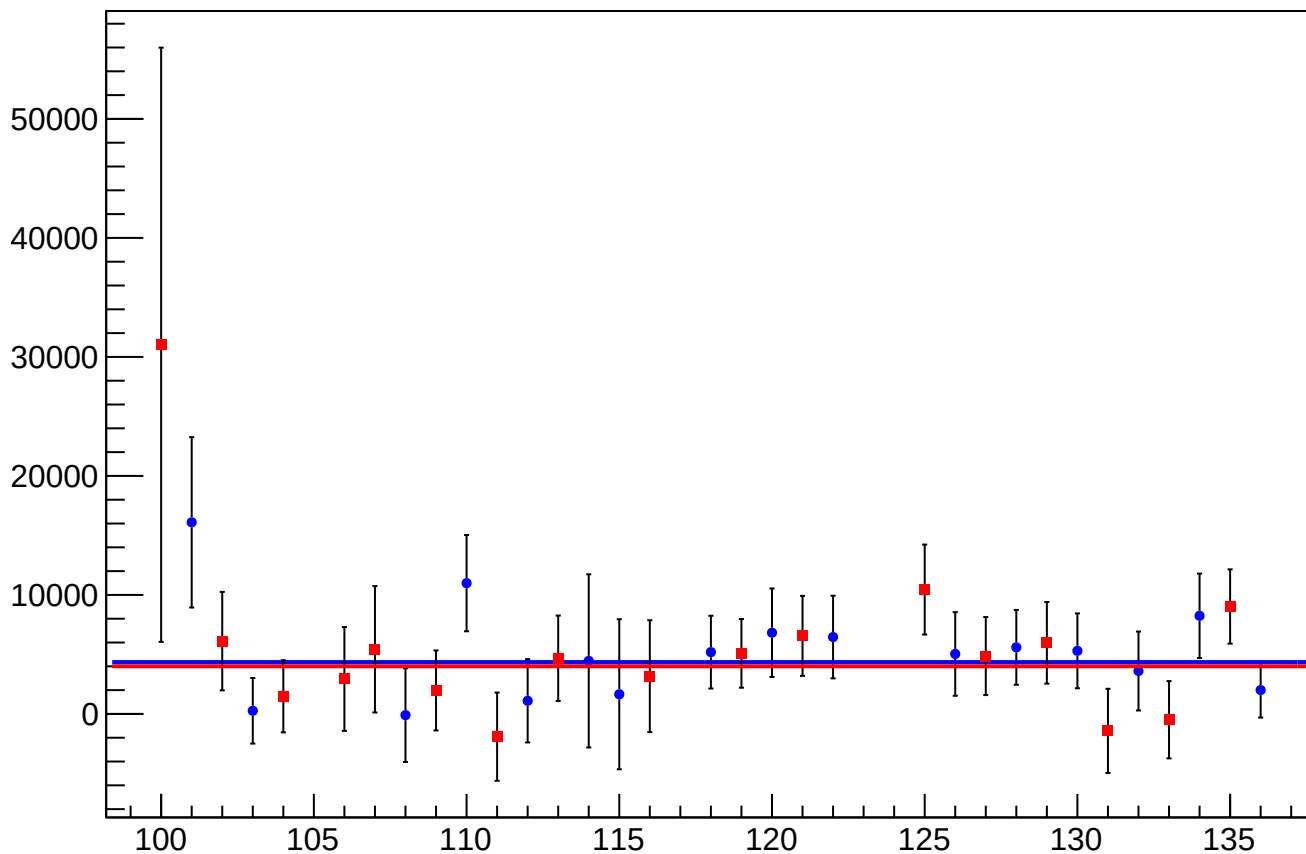
Right: 0.000+/-0.000 χ^2/NDF : 5837846.3/33

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 : 5837846.3/33

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: 4007.215+/-885.631 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

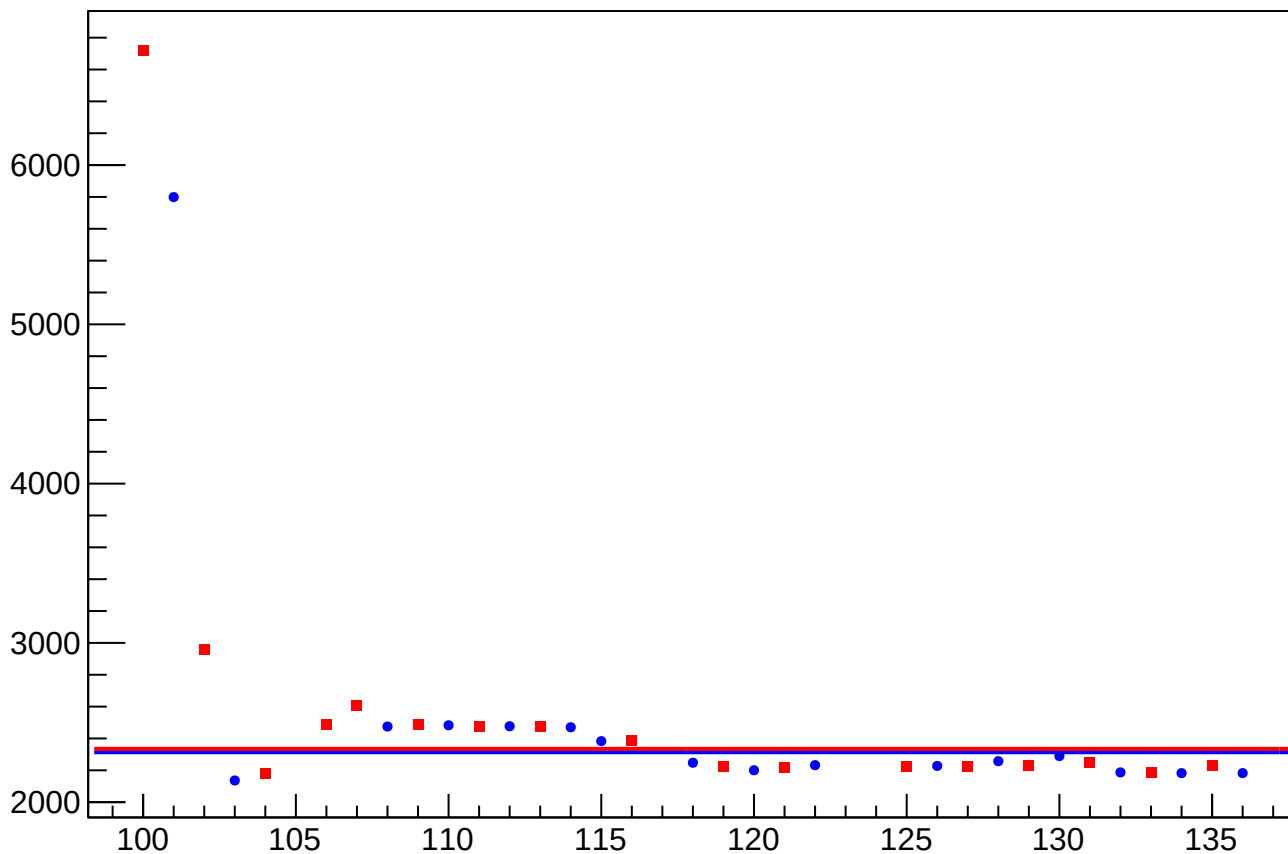
Right: 4182.848+/-622.499 χ^2/NDF : 29.6/32

In: 4354.350+/-875.155 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4182.848+/-622.499 χ^2/NDF : 29.6/32

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: 2334.876+/-0.626 χ^2/NDF : 149473.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

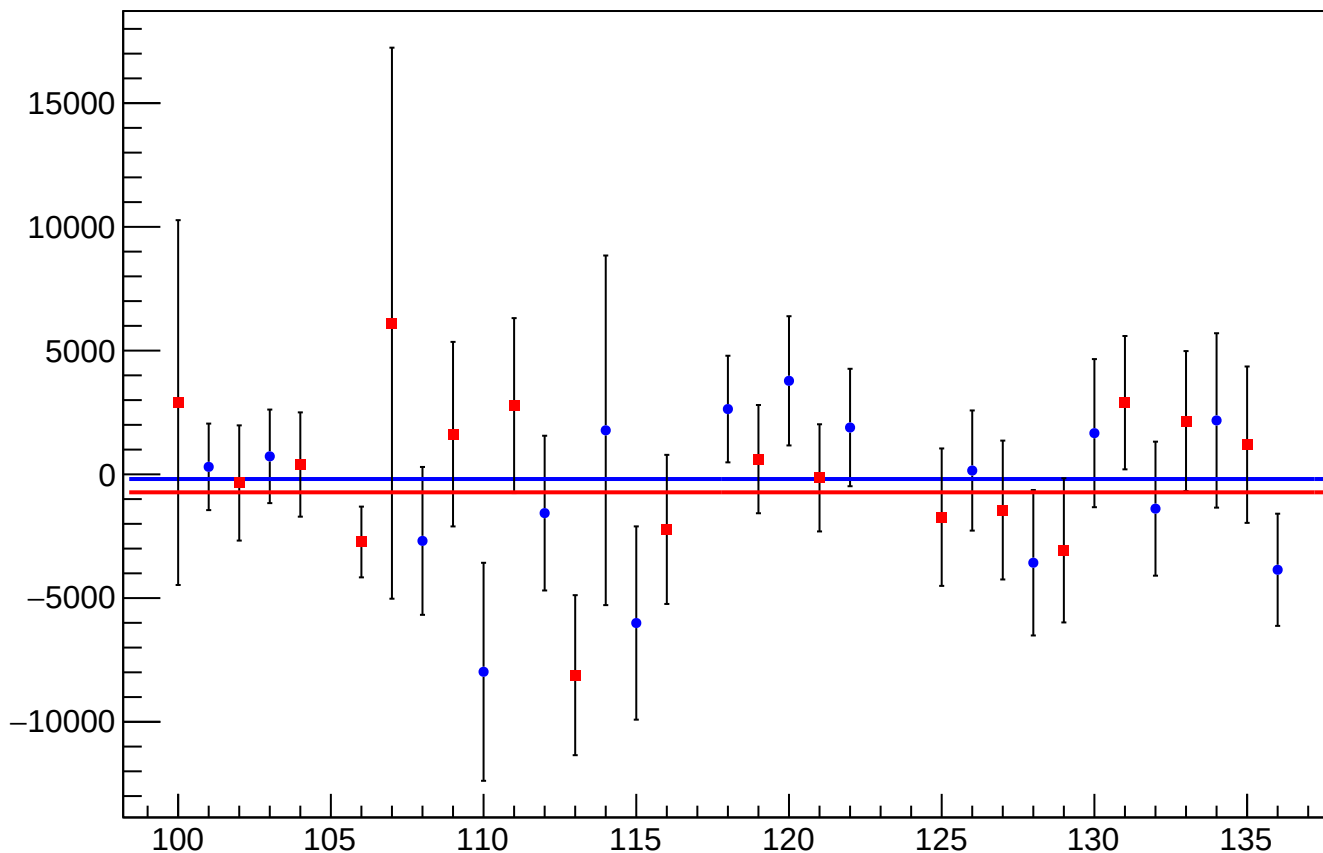
Right: 2324.017+/-0.440 χ^2/NDF : 662439.6/32

In: 2313.413+/-0.619 χ^2/NDF : 512371.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.017+/-0.440 χ^2/NDF : 662439.6/32

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: -726.359+/-639.724 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

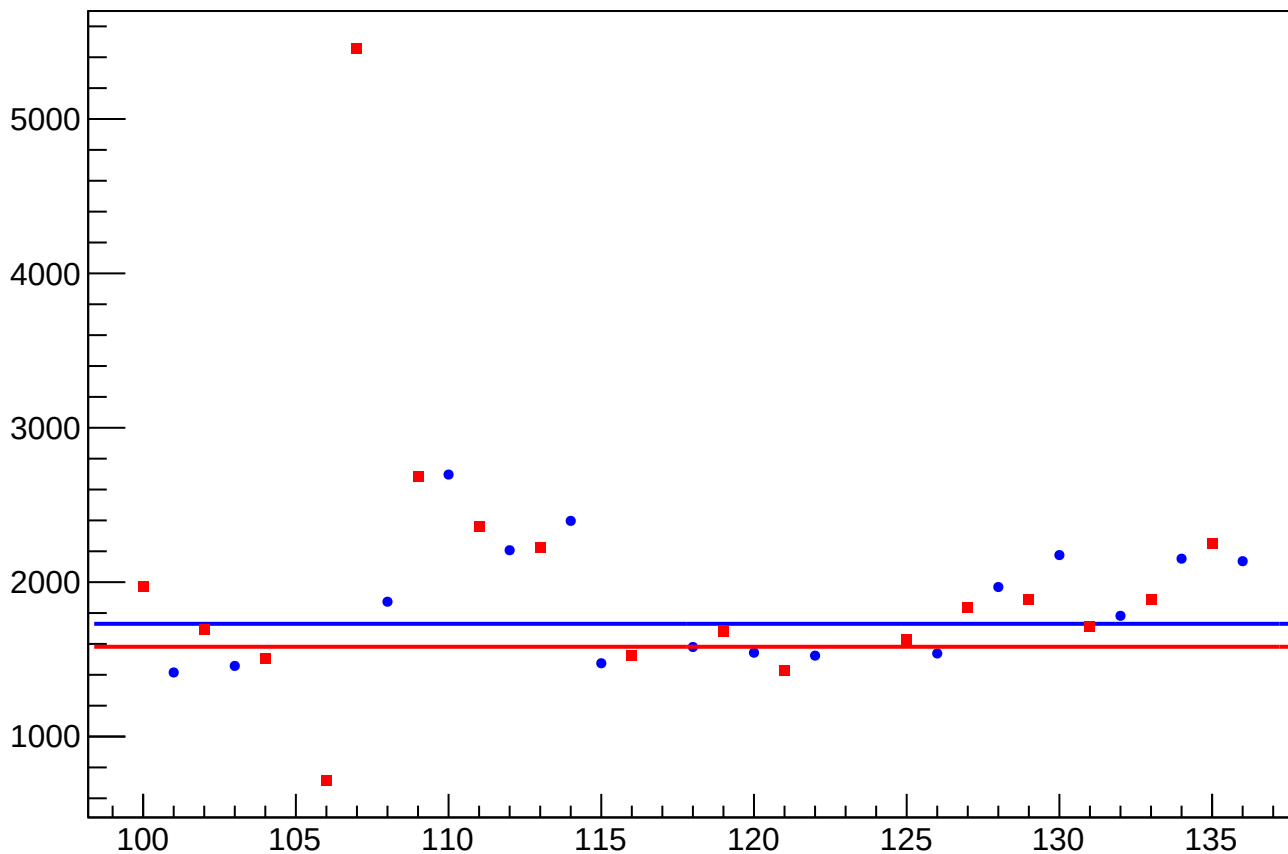
Right: -465.216+/-458.791 χ^2/NDF : 31.0/32

In: -188.660+/-658.334 χ^2/NDF : 16.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -465.216+/-458.791 χ^2/NDF : 31.0/32

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: 1581.637+/-0.452 χ^2/NDF : 1515496.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

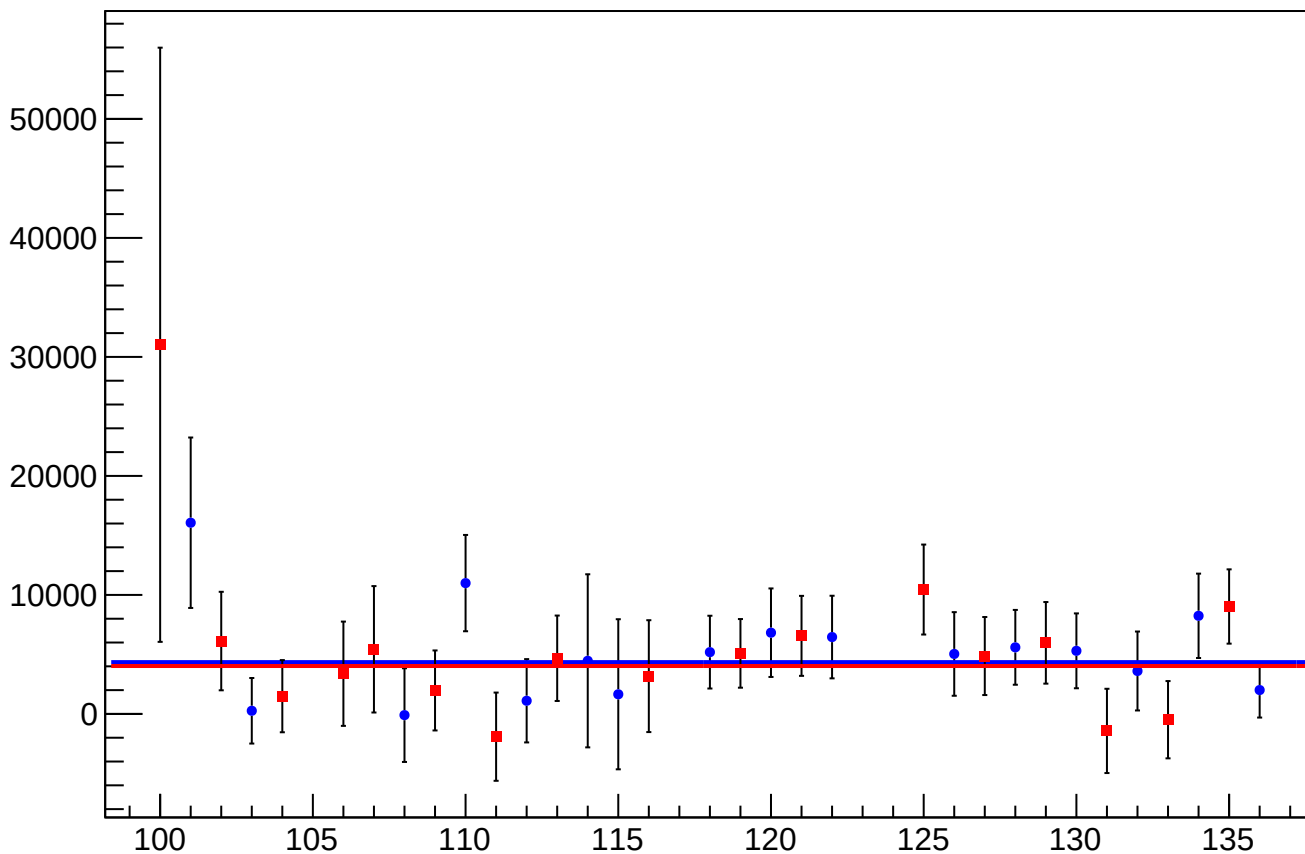
Right: 1653.831+/-0.324 χ^2/NDF : 2046875.1/32

In: 1730.288+/-0.466 χ^2/NDF : 478932.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1653.831+/-0.324 χ^2/NDF : 2046875.1/32

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: 4026.039+/-885.789 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

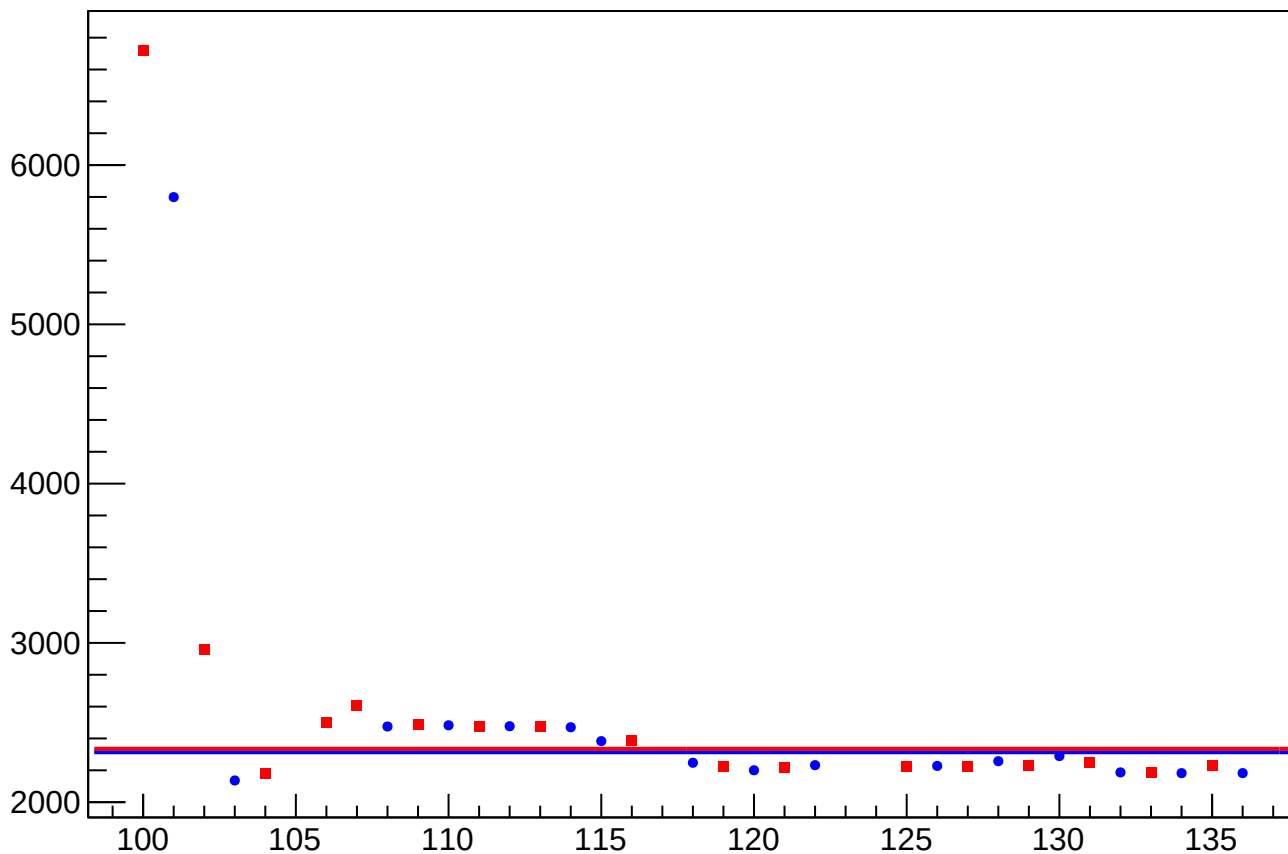
Right: 4191.833+/-622.554 χ^2/NDF : 29.5/32

In: 4353.670+/-875.155 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4191.833+/-622.554 χ^2/NDF : 29.5/32

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: 2335.259+/-0.626 χ^2/NDF : 149810.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

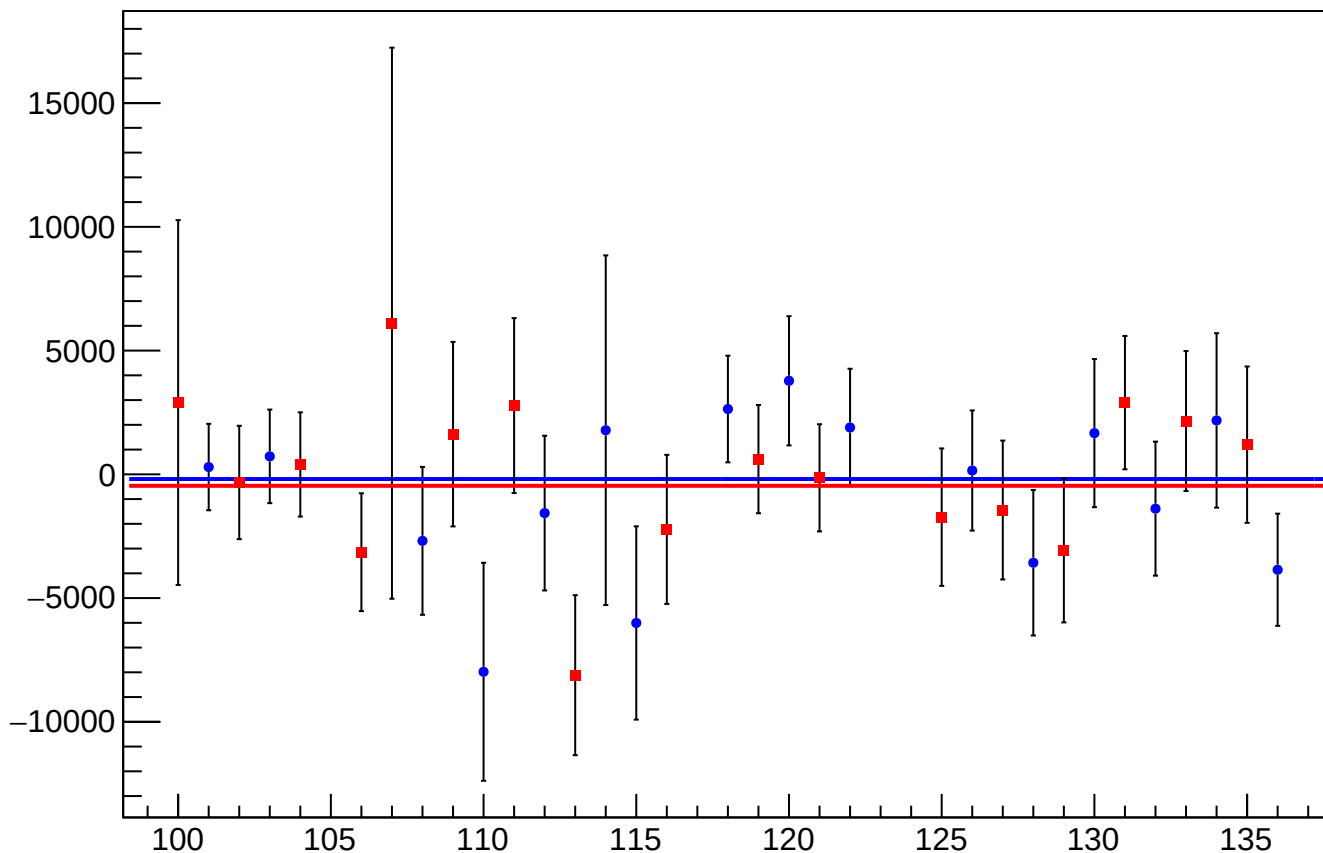
Right: 2324.204+/-0.440 χ^2/NDF : 662798.3/32

In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.204+/-0.440 χ^2/NDF : 662798.3/32

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -189.762 $\pm$ 658.205 χ^2 /NDF: 16.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -463.196 $\pm$ 684.104 χ^2 /NDF: 13.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

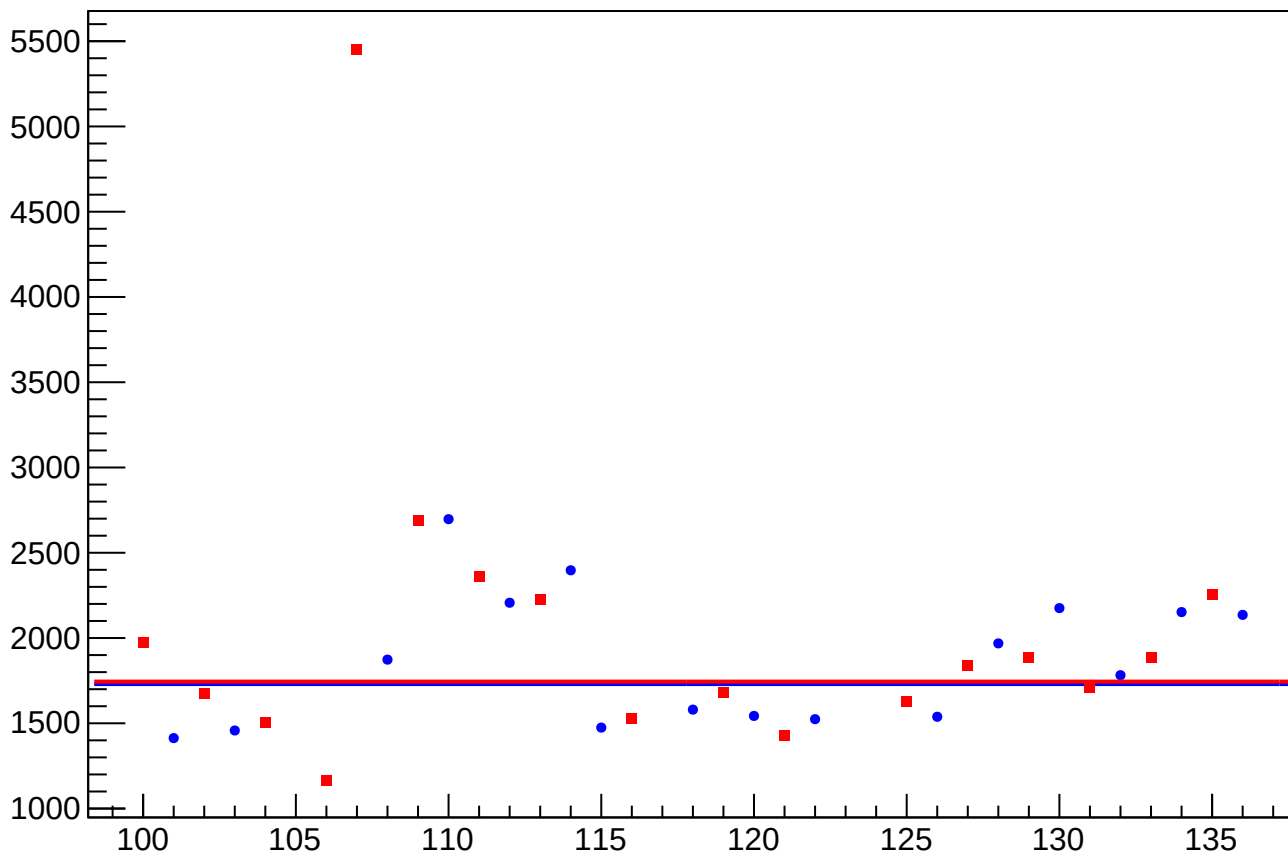
Right: -321.205 $\pm$ 474.313 χ^2 /NDF: 29.7/32

In: -189.762 $\pm$ 658.205 χ^2 /NDF:16.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -321.205 $\pm$ 474.313 χ^2 /NDF: 29.7/32

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: 1744.553+/-0.484 χ^2/NDF : 726215.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

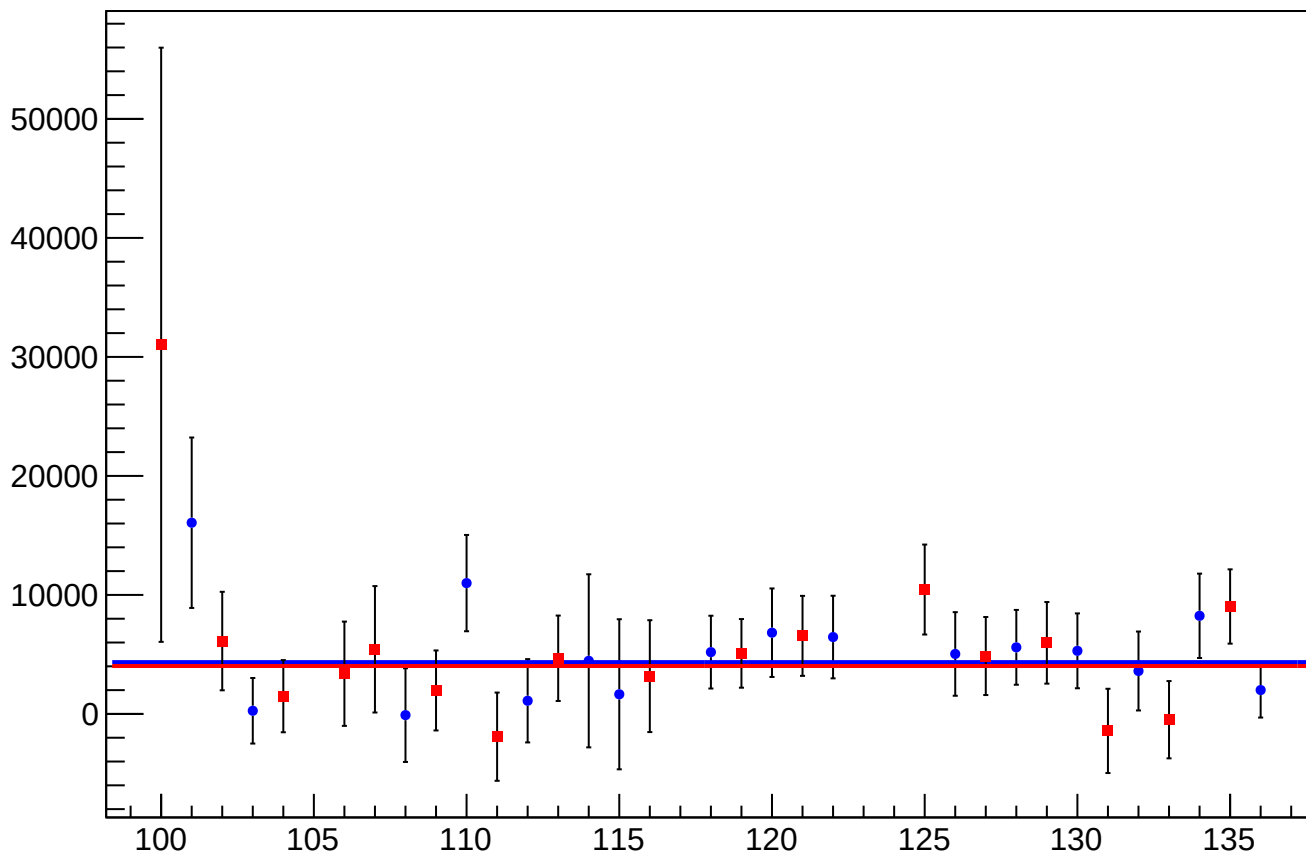
Right: 1736.943+/-0.335 χ^2/NDF : 1206590.0/32

In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.943+/-0.335 χ^2/NDF : 1206590.0/32

eigen_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: 4026.039+/-885.789 χ^2/NDF : 16.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

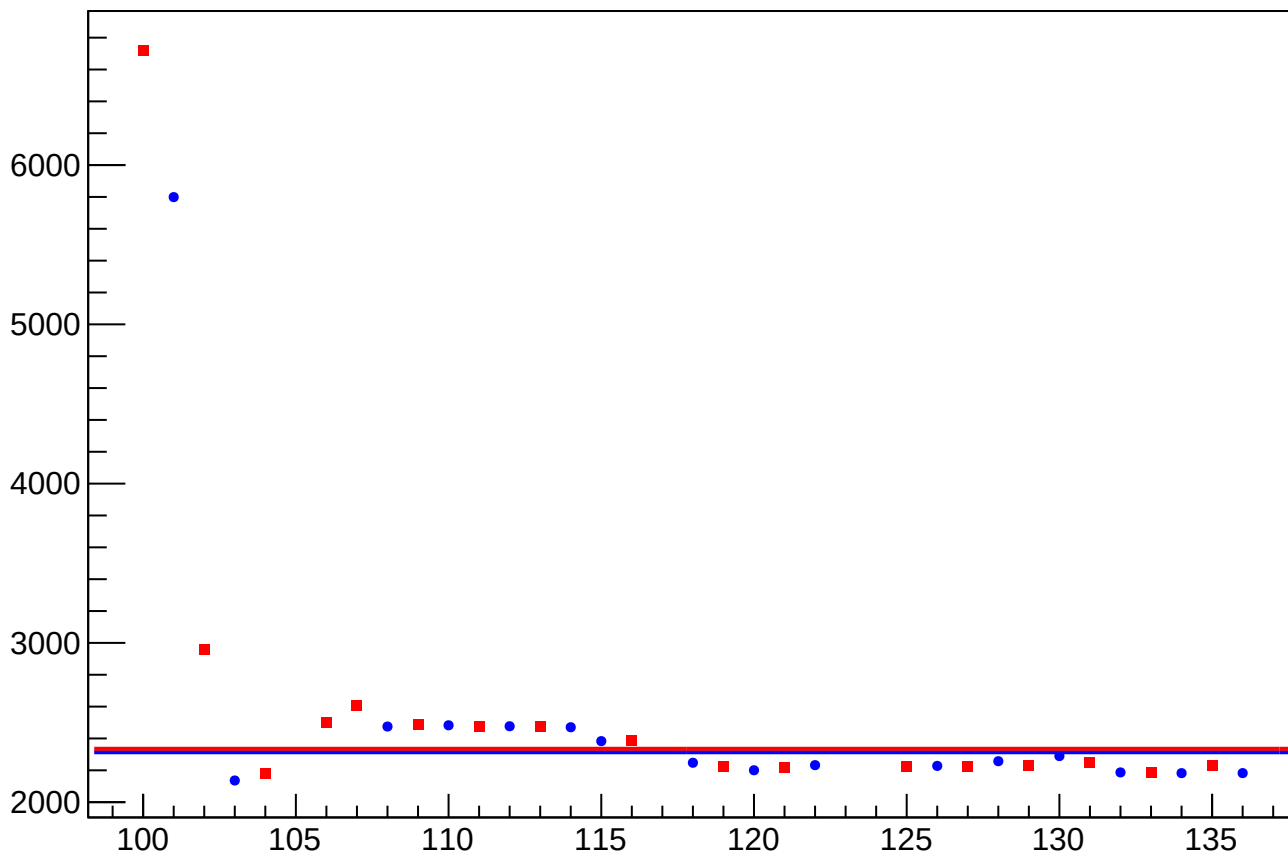
Right: 4191.833+/-622.554 χ^2/NDF : 29.5/32

In: 4353.670+/-875.155 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4191.833+/-622.554 χ^2/NDF : 29.5/32

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: 2335.259+/-0.626 χ^2/NDF : 149810.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

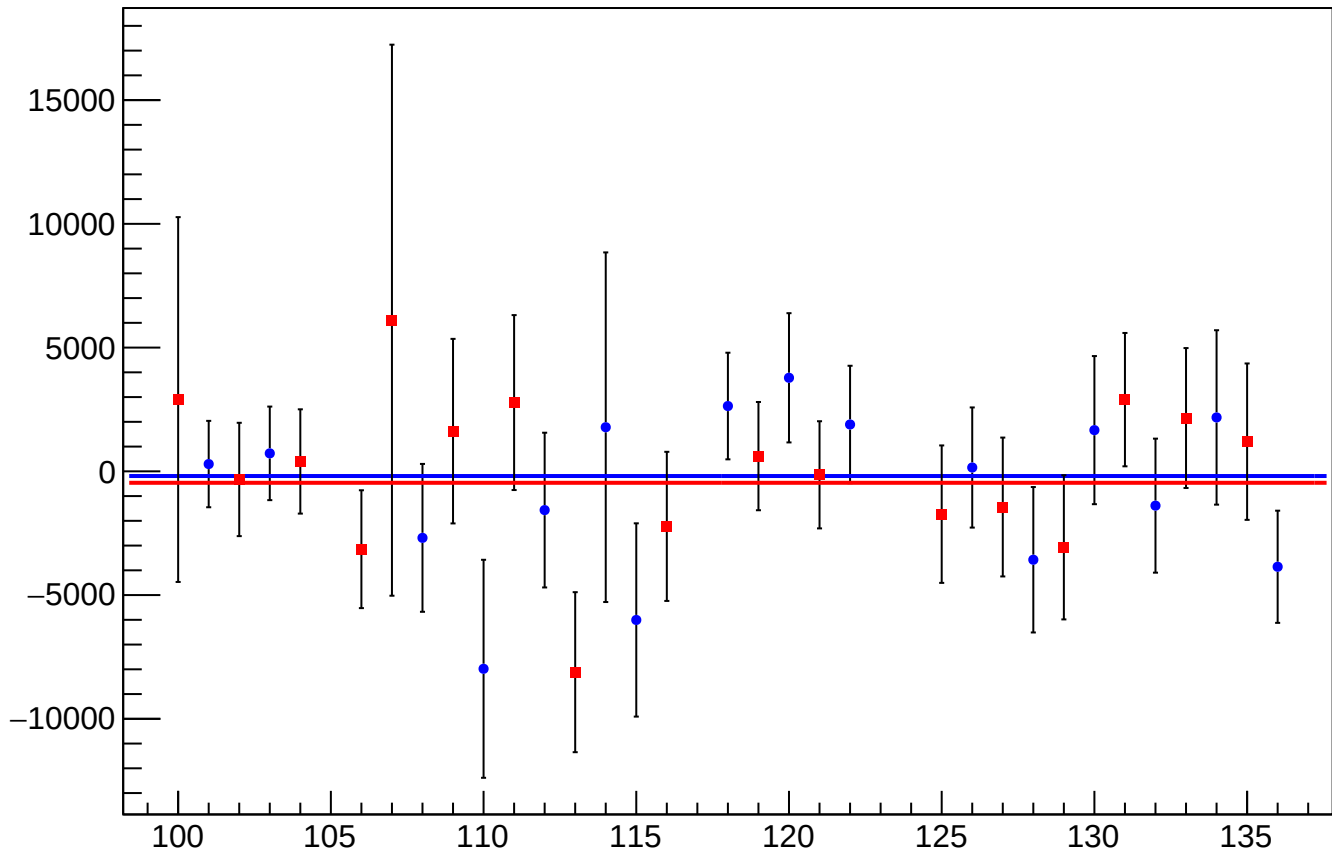
Right: 2324.204+/-0.440 χ^2/NDF : 662798.3/32

In: 2313.413+/-0.619 χ^2/NDF : 512372.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2324.204+/-0.440 χ^2/NDF : 662798.3/32

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -189.762 $\pm$ 658.205 χ^2 /NDF: 16.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -463.196 $\pm$ 684.104 χ^2 /NDF: 13.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

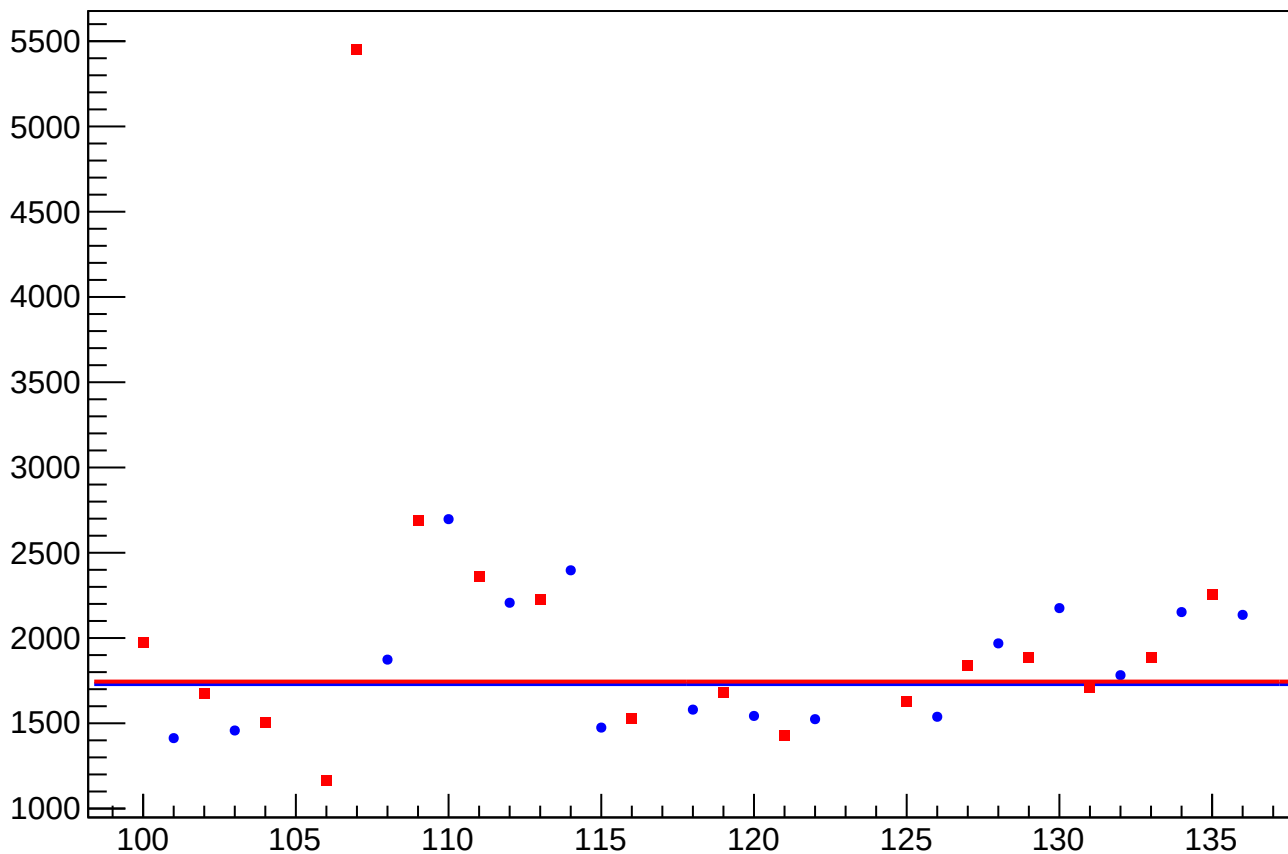
Right: -321.205 $\pm$ 474.313 χ^2 /NDF: 29.7/32

In: -189.762 $\pm$ 658.205 χ^2 /NDF:16.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -321.205 $\pm$ 474.313 χ^2 /NDF: 29.7/32

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: 1744.553+/-0.484 χ^2/NDF : 726215.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

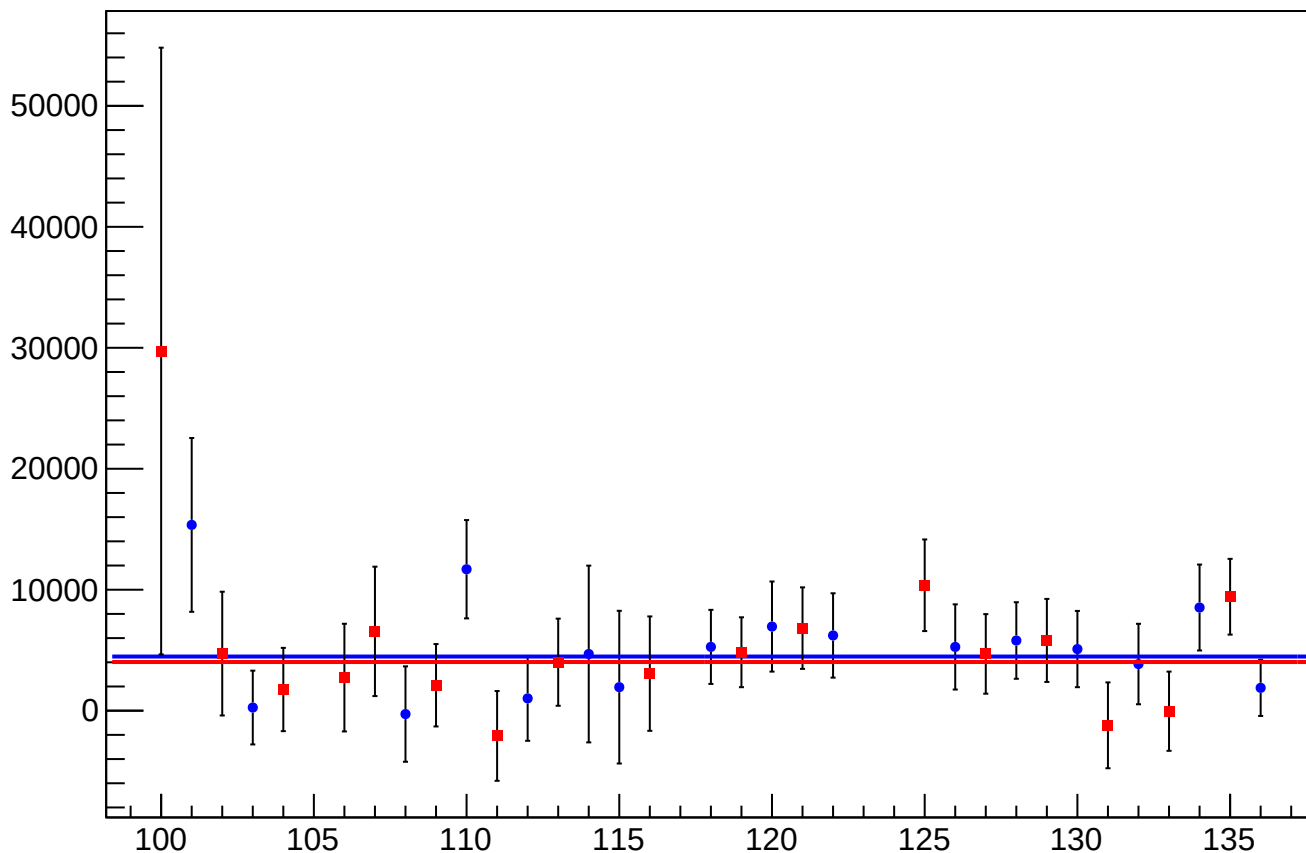
Right: 1736.943+/-0.335 χ^2/NDF : 1206590.0/32

In: 1729.898+/-0.465 χ^2/NDF : 479898.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.943+/-0.335 χ^2/NDF : 1206590.0/32

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: 4023.337+/-905.392 χ^2/NDF : 15.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

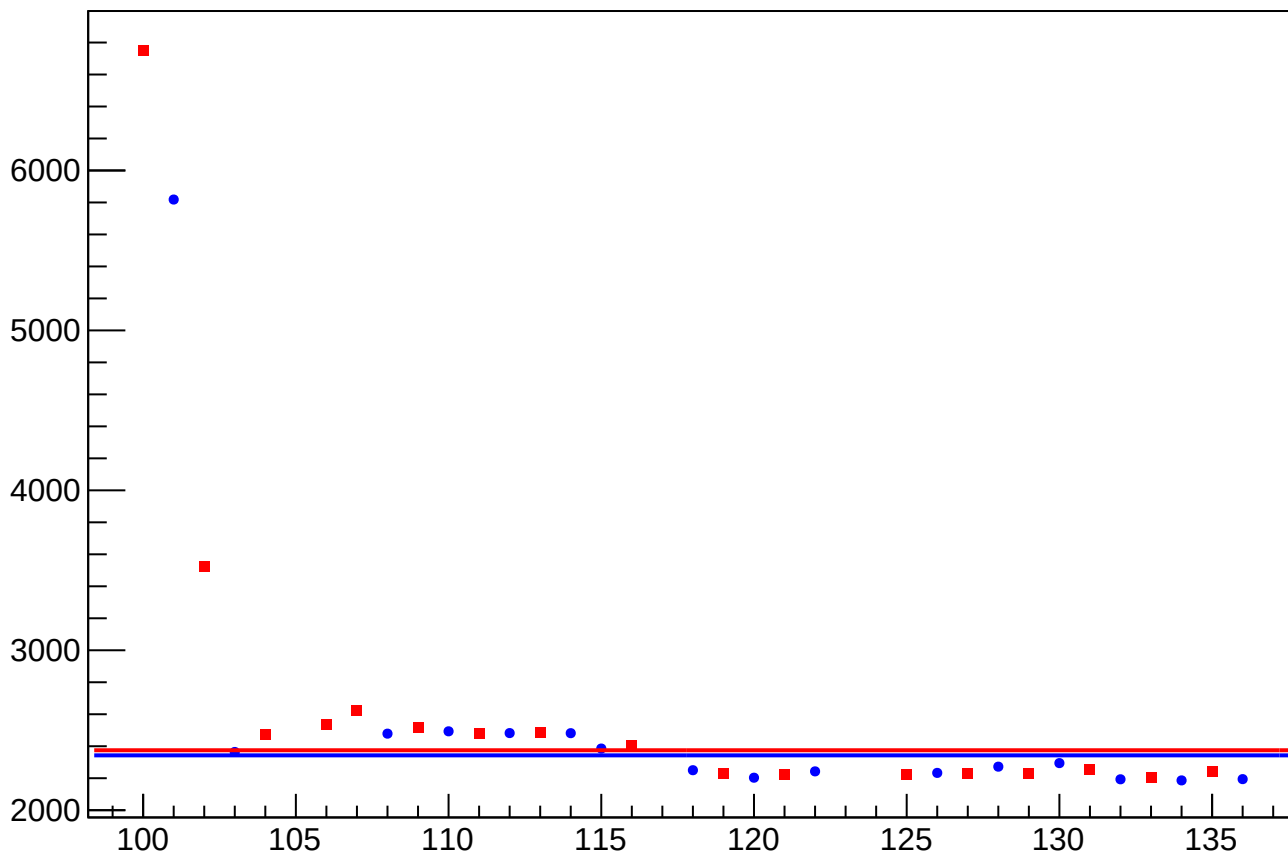
Right: 4254.766+/-633.273 χ^2/NDF : 29.1/32

In: 4476.431+/-886.087 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4254.766+/-633.273 χ^2/NDF : 29.1/32

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug, Sign Corrected



Right In: 2342.914 ± 0.627 $\chi^2/\text{NDF}: 502866.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 2374.825 ± 0.640 $\chi^2/\text{NDF}: 208092.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

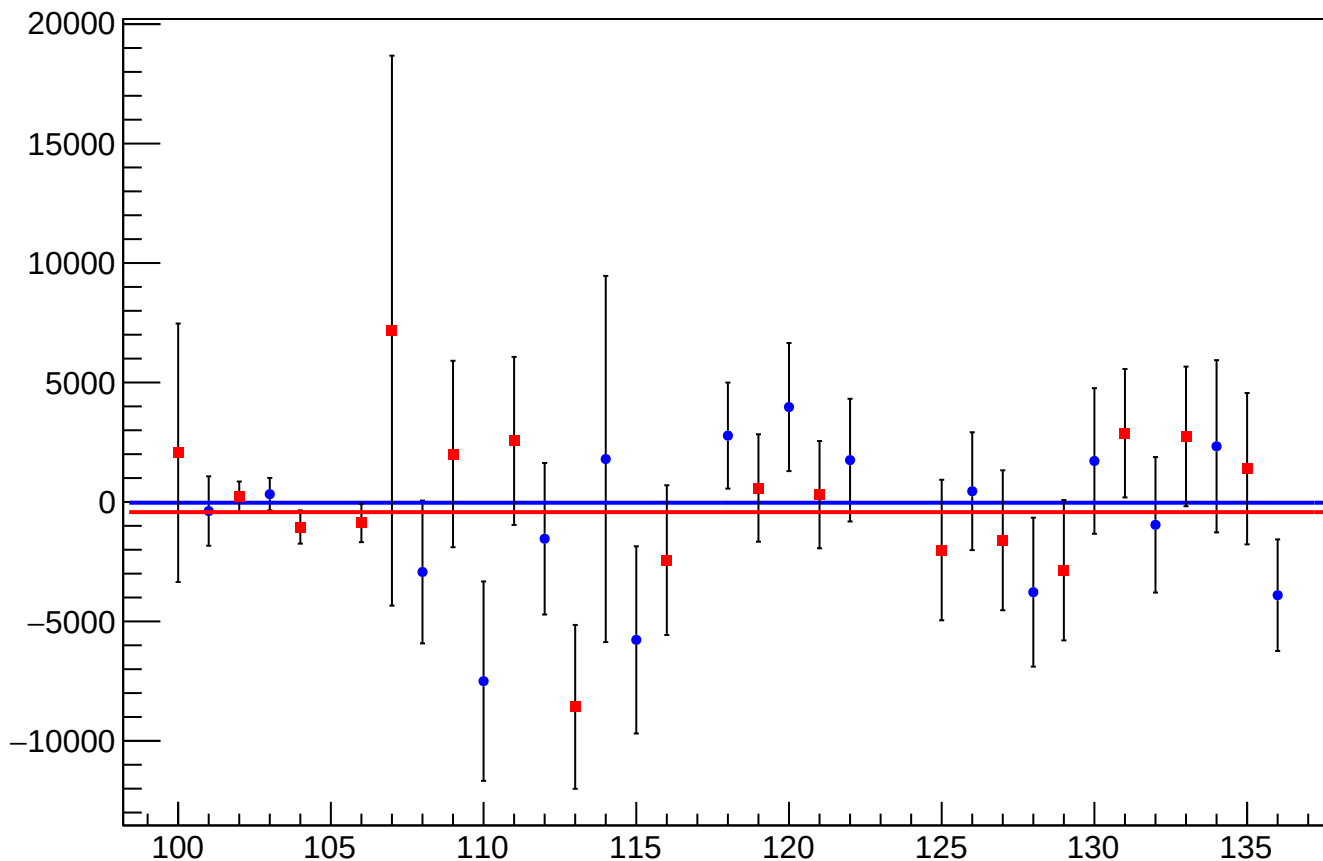
Right: 2358.526 ± 0.448 $\chi^2/\text{NDF}: 712227.4/32$

In: 2342.914 ± 0.627 $\chi^2/\text{NDF}: 502866.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 2358.526 ± 0.448 $\chi^2/\text{NDF}: 712227.4/32$

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: -426.645 ± 363.537 $\chi^2/\text{NDF}: 14.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

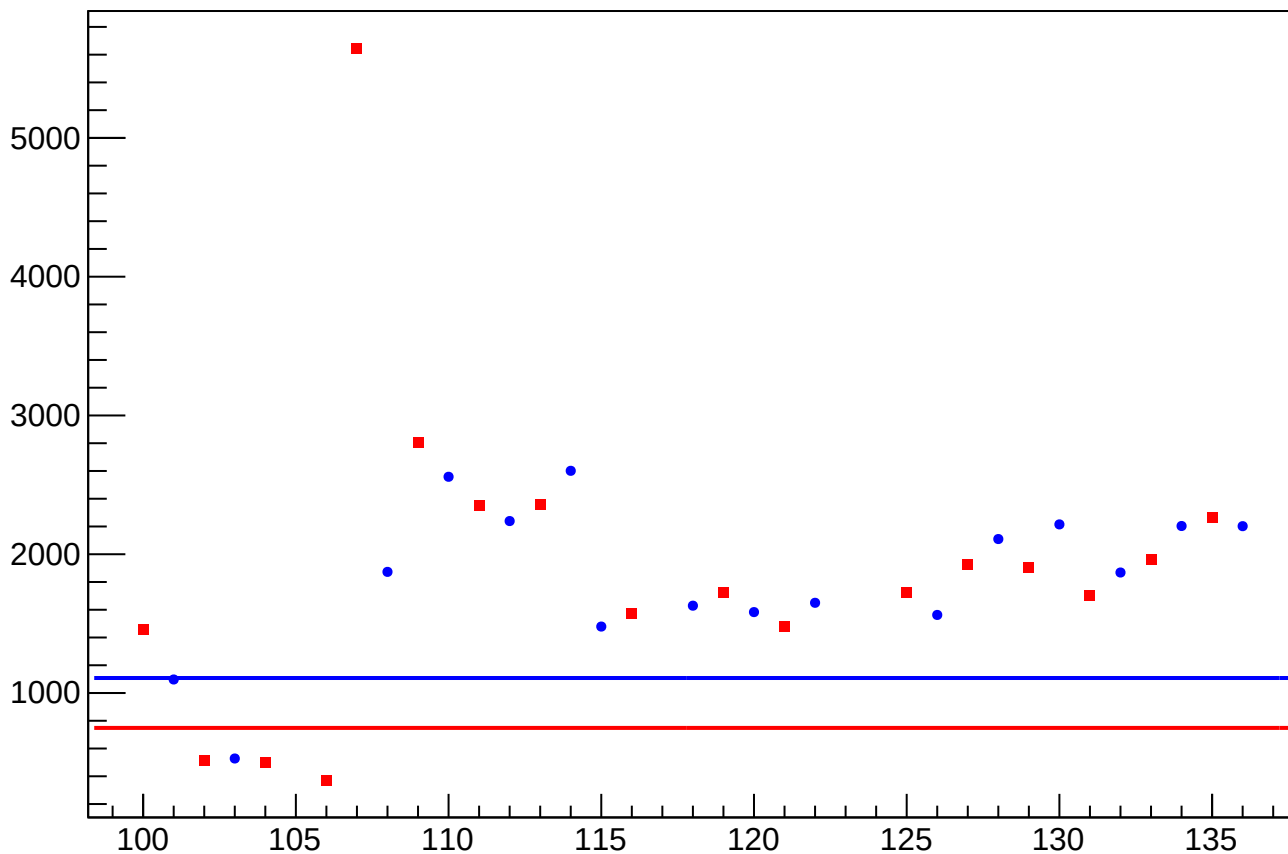
Right: -284.584 ± 290.962 $\chi^2/\text{NDF}: 31.2/32$

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: -284.584 ± 290.962 $\chi^2/\text{NDF}: 31.2/32$

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: 748.506+/-0.257 χ^2/NDF : 5424798.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

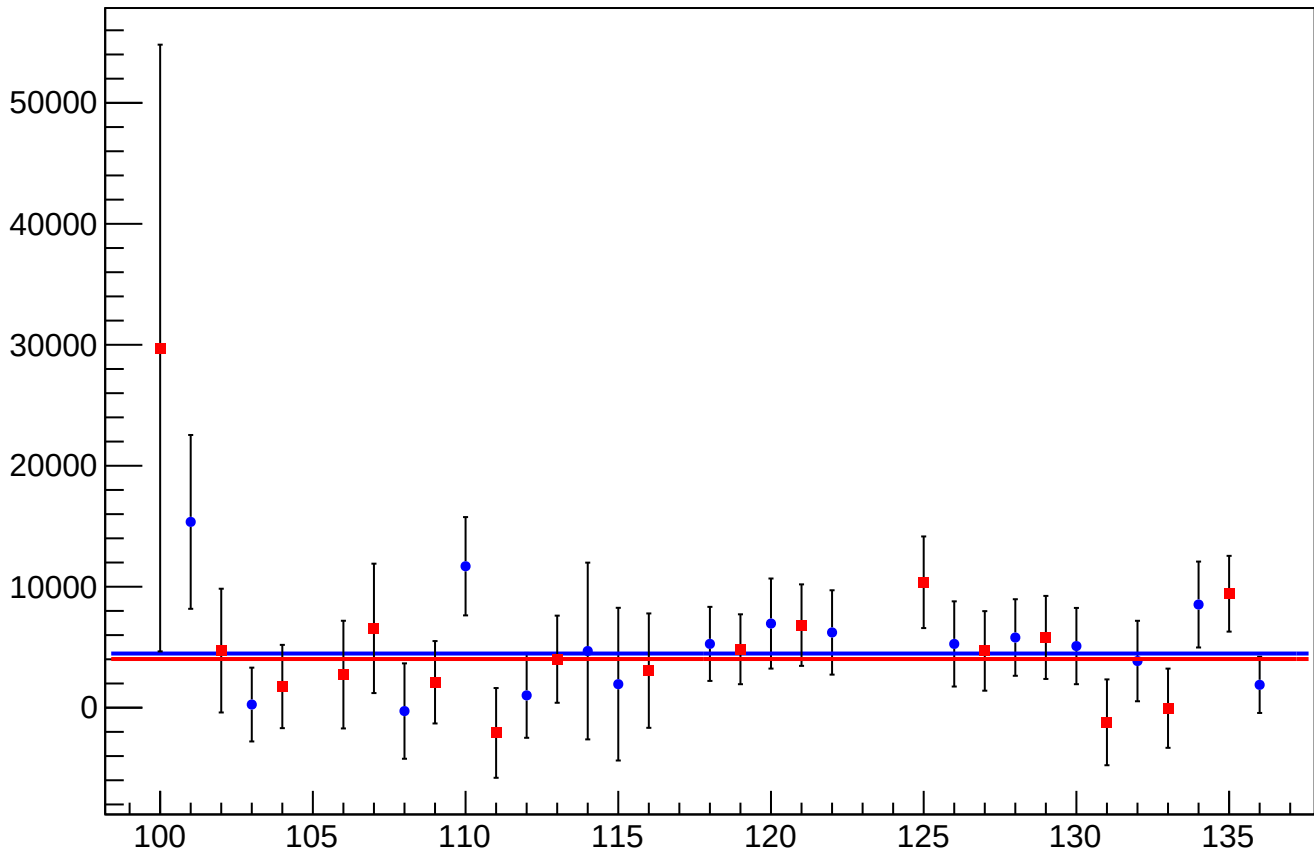
Right: 877.765+/-0.206 χ^2/NDF : 9874755.1/32

In: 1108.139+/-0.343 χ^2/NDF : 3746477.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.765+/-0.206 χ^2/NDF : 9874755.1/32

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4476.427+/-886.086 χ^2/NDF : 13.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4023.334+/-905.392 χ^2/NDF : 15.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

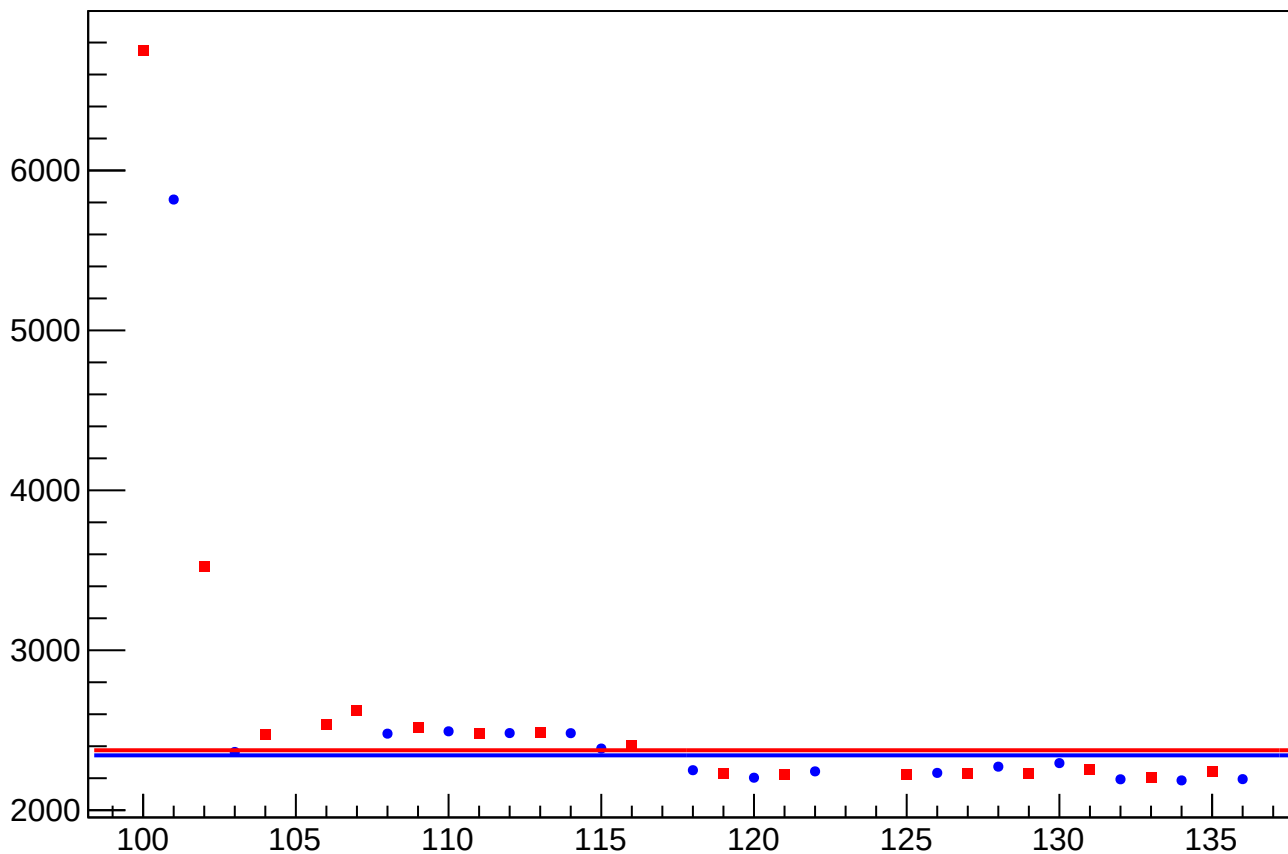
Right: 4254.763+/-633.273 χ^2/NDF : 29.1/32

In: 4476.427+/-886.086 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4254.763+/-633.273 χ^2/NDF : 29.1/32

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: 2374.825+/-0.640 χ^2/NDF : 208090.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

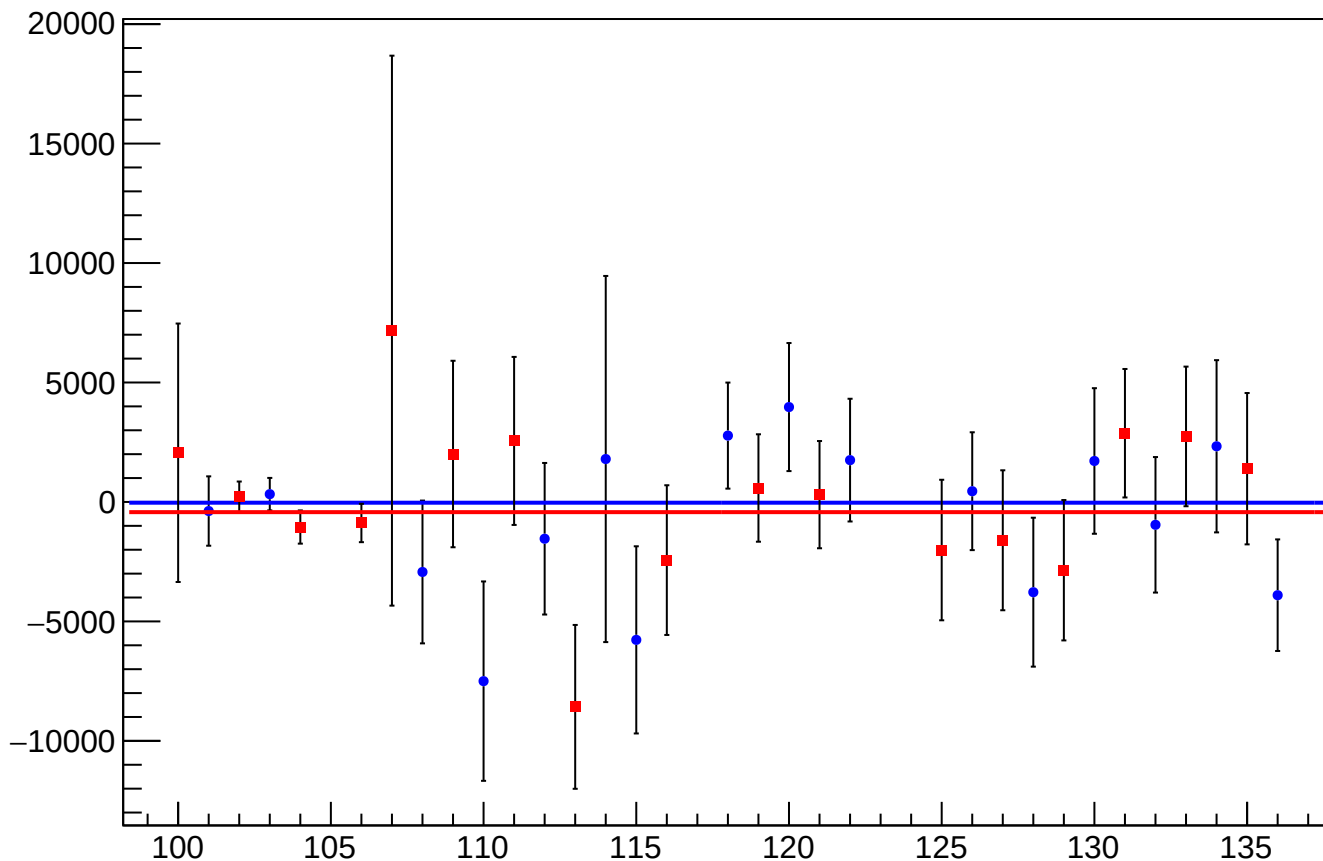
Right: 2358.525+/-0.448 χ^2/NDF : 712226.3/32

In: 2342.913+/-0.627 χ^2/NDF : 502866.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2358.525+/-0.448 χ^2/NDF : 712226.3/32

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: -426.648+/-363.542 χ^2/NDF : 14.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

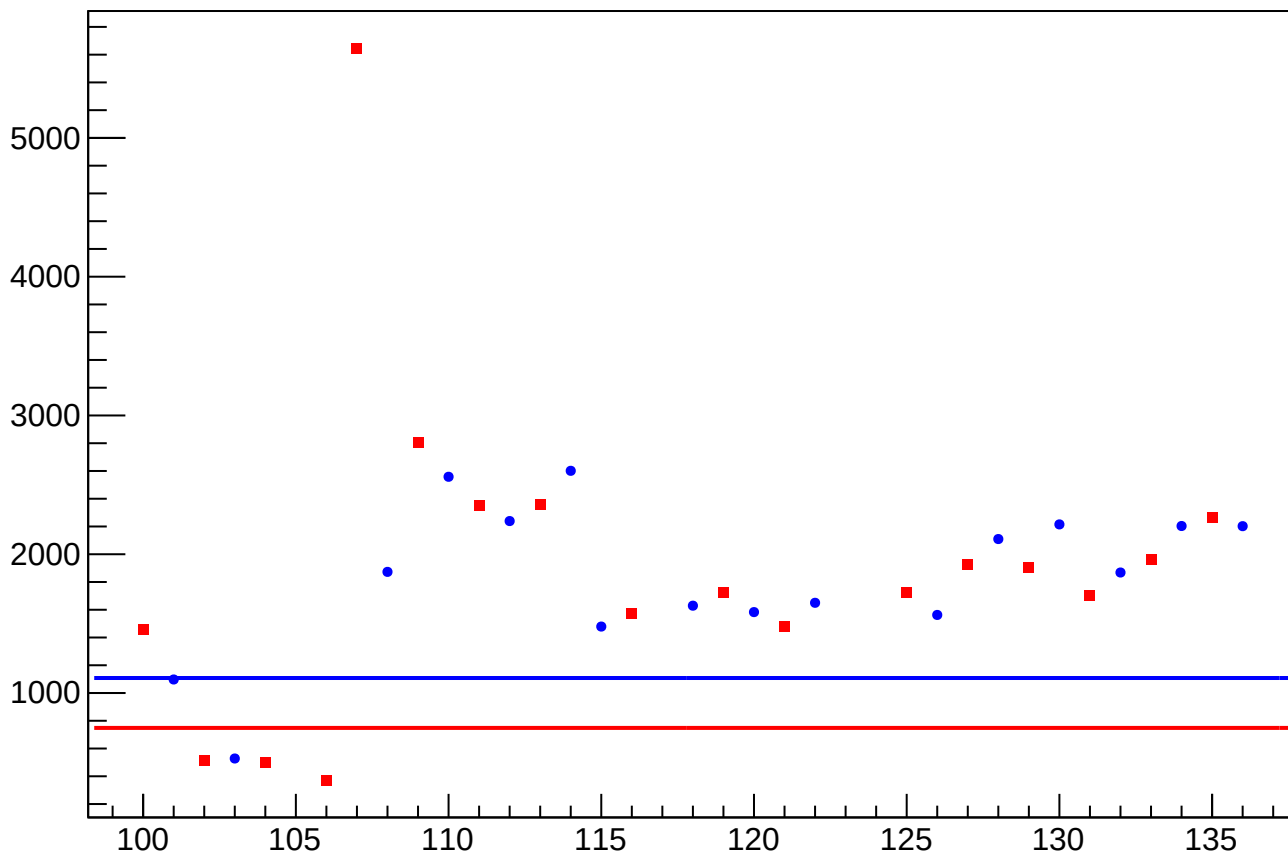
Right: -284.587+/-290.965 χ^2/NDF : 31.2/32

In: -31.400+/-485.331 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -284.587+/-290.965 χ^2/NDF : 31.2/32

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: 748.521+/-0.257 χ^2/NDF : 5424683.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

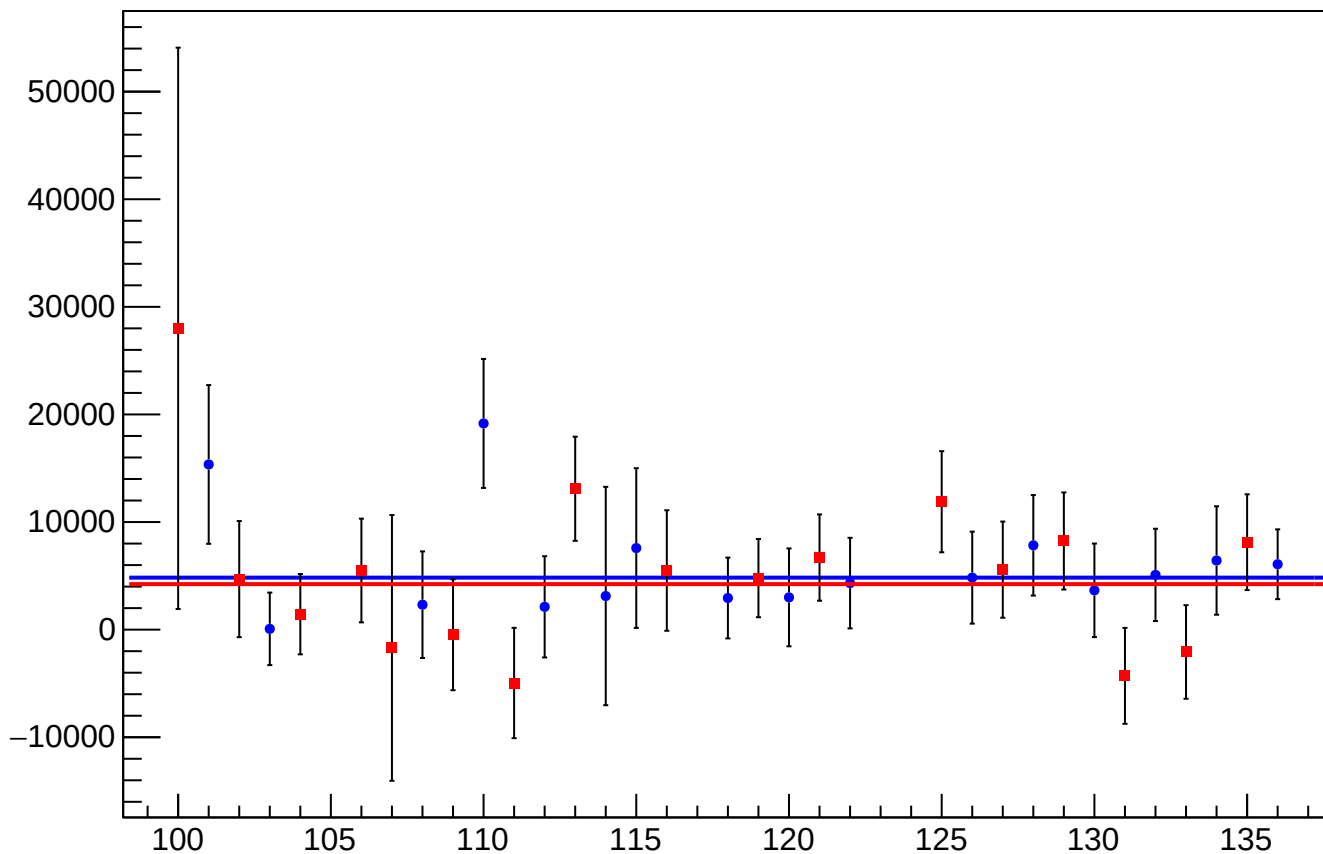
Right: 877.779+/-0.206 χ^2/NDF : 9874533.9/32

In: 1108.149+/-0.343 χ^2/NDF : 3746402.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 877.779+/-0.206 χ^2/NDF : 9874533.9/32

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: 4229.651+/-1159.623 χ^2/NDF : 19.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

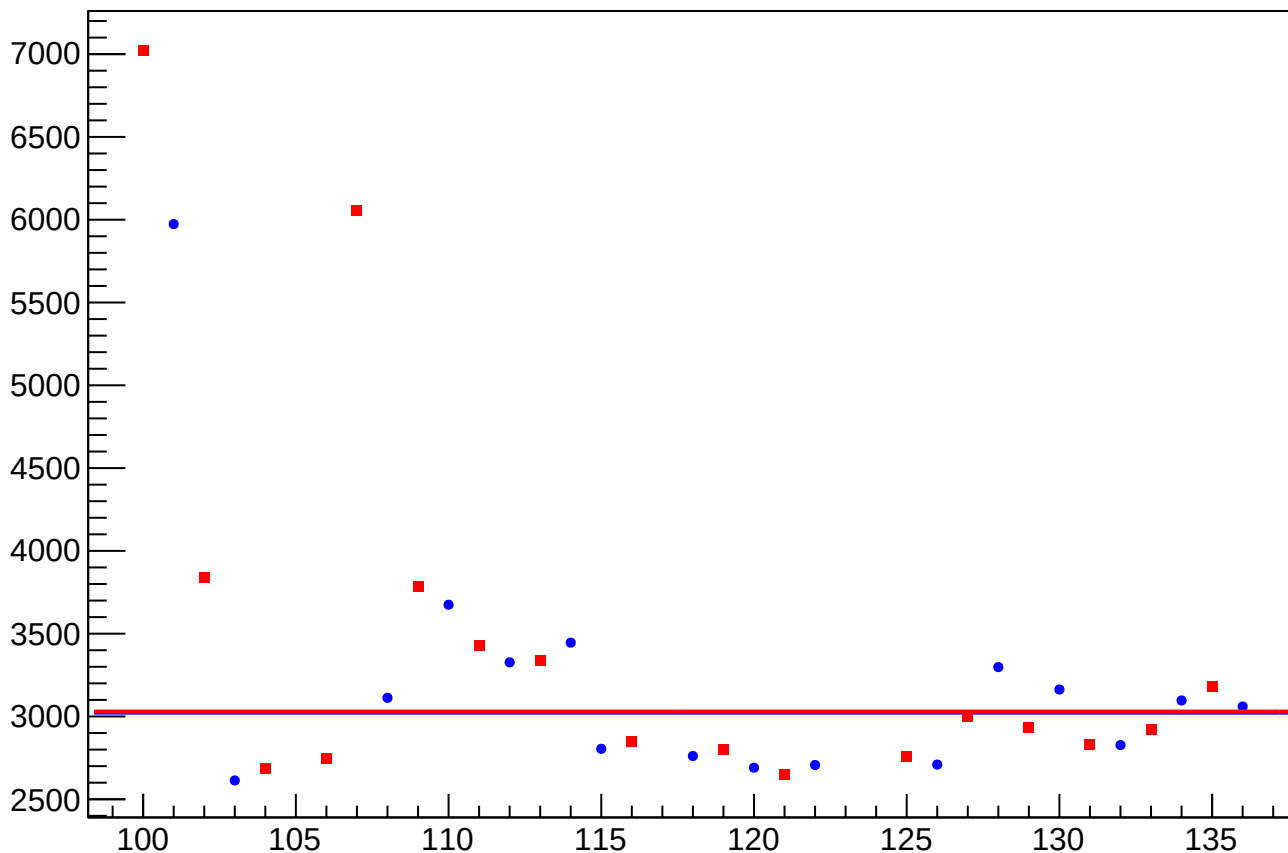
Right: 4536.213+/-813.868 χ^2/NDF : 31.4/32

In: 4833.806+/-1142.535 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4536.213+/-813.868 χ^2/NDF : 31.4/32

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: 3029.392+/-0.820 χ^2/NDF : 341521.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

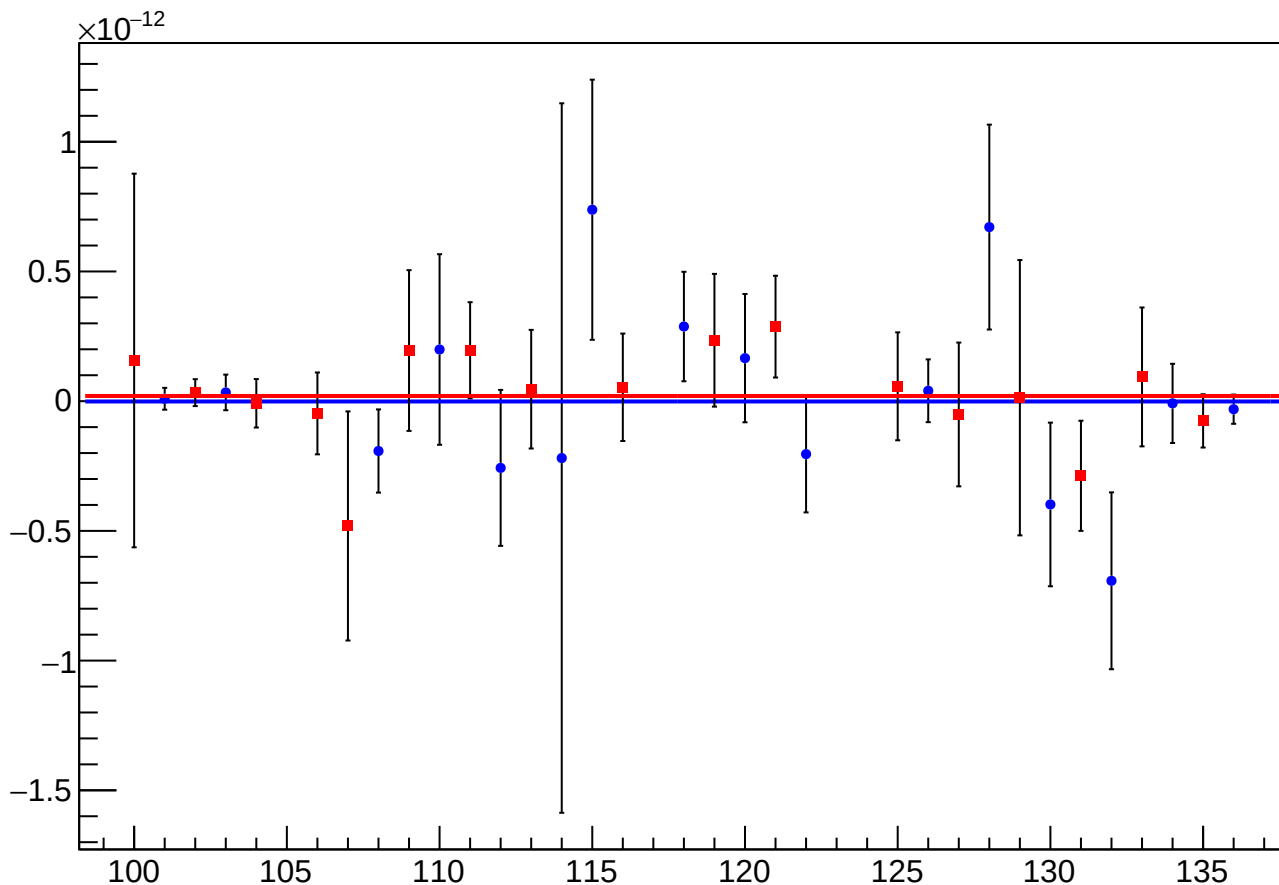
Right: 3026.183+/-0.575 χ^2/NDF : 785257.3/32

In: 3023.068+/-0.808 χ^2/NDF : 443705.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3026.183+/-0.575 χ^2/NDF : 785257.3/32

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 : 8.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

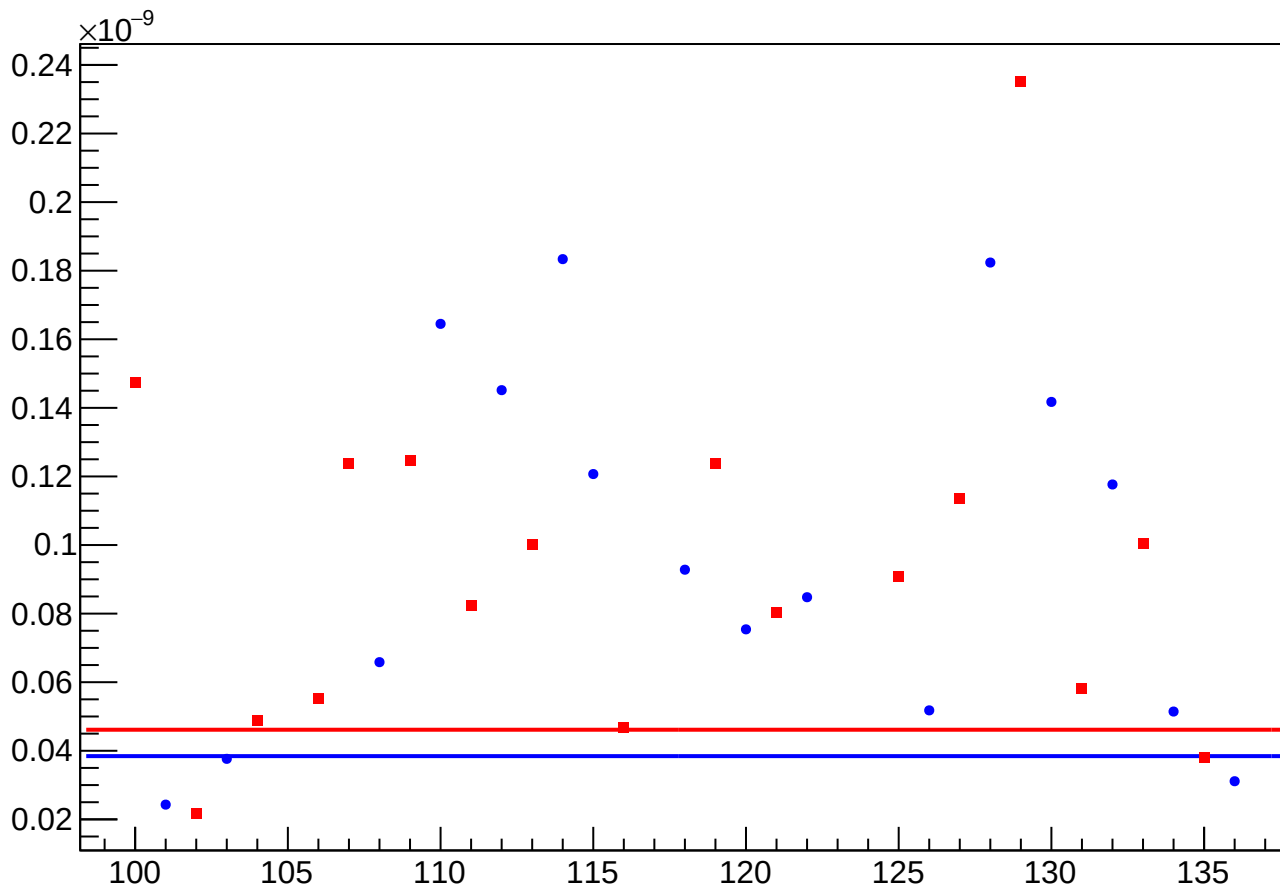
Right: 0.000+/-0.000 χ^2/NDF : 26.0/32

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 : 26.0/32

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 : 1682234.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

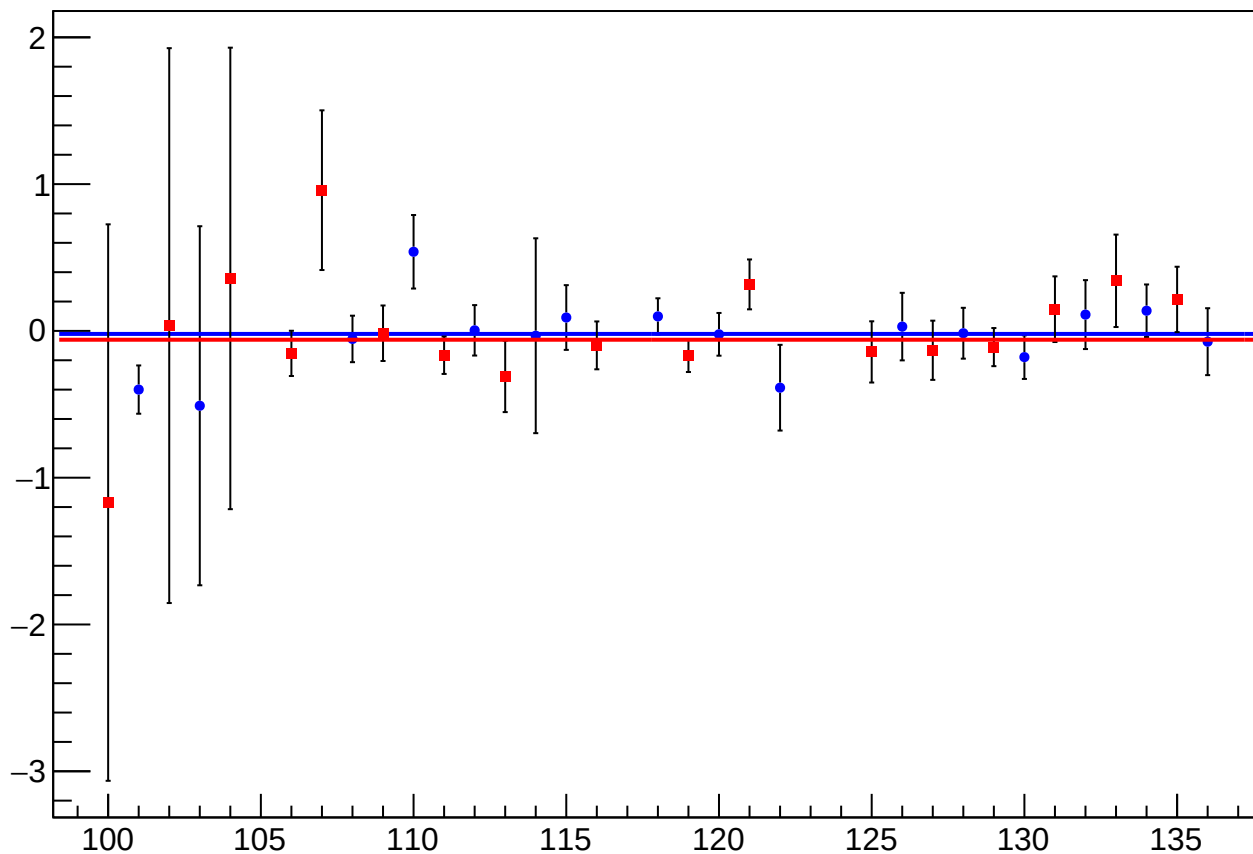
Right: 0.000+/-0.000 χ^2/NDF : 3514385.2/32

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 : 3514385.2/32

asym_us_avg_at1lr_avg_avg_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: -0.060 ± 0.047 χ^2/NDF : 16.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

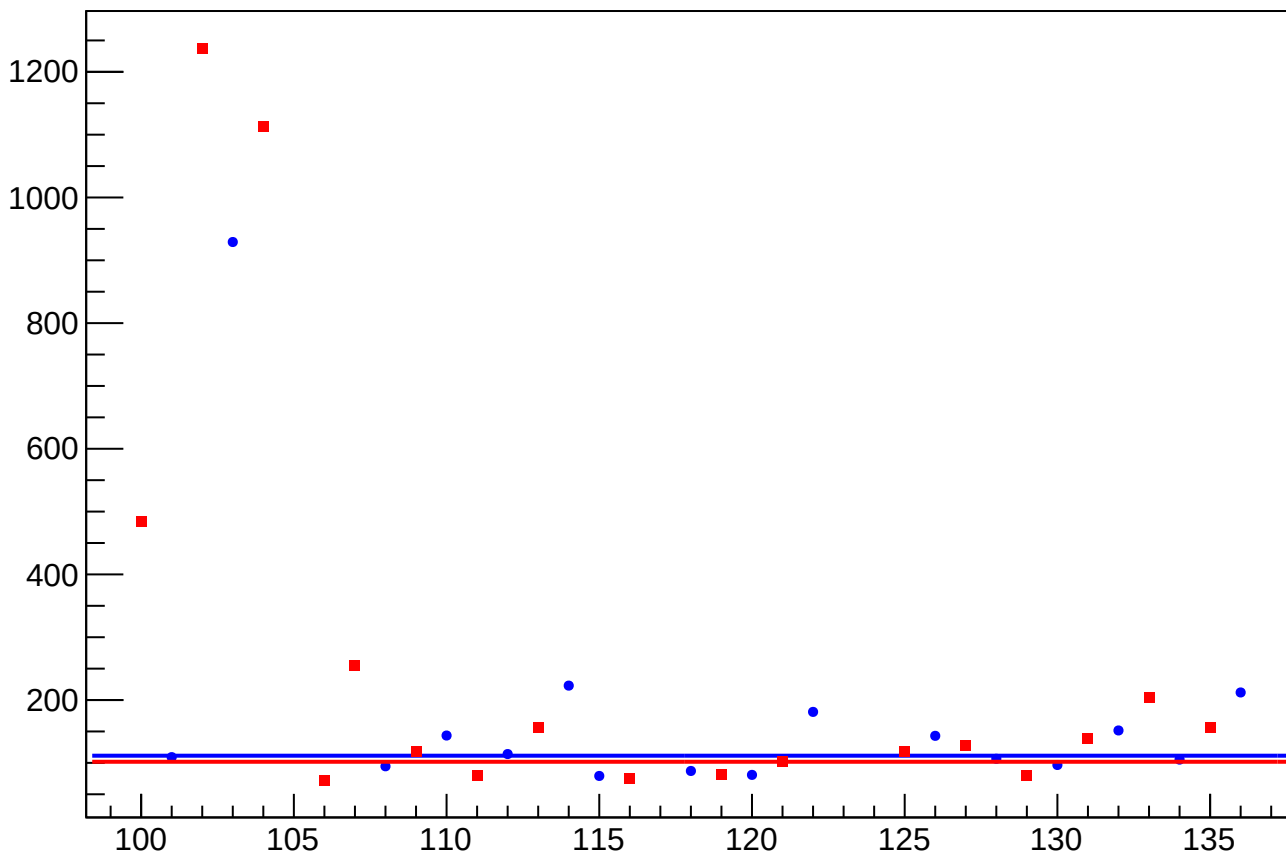
Right: -0.041 ± 0.033 χ^2/NDF : 32.4/32

In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.033 χ^2/NDF : 32.4/32

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: 101.751+/-0.033 χ^2/NDF : 2661263.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

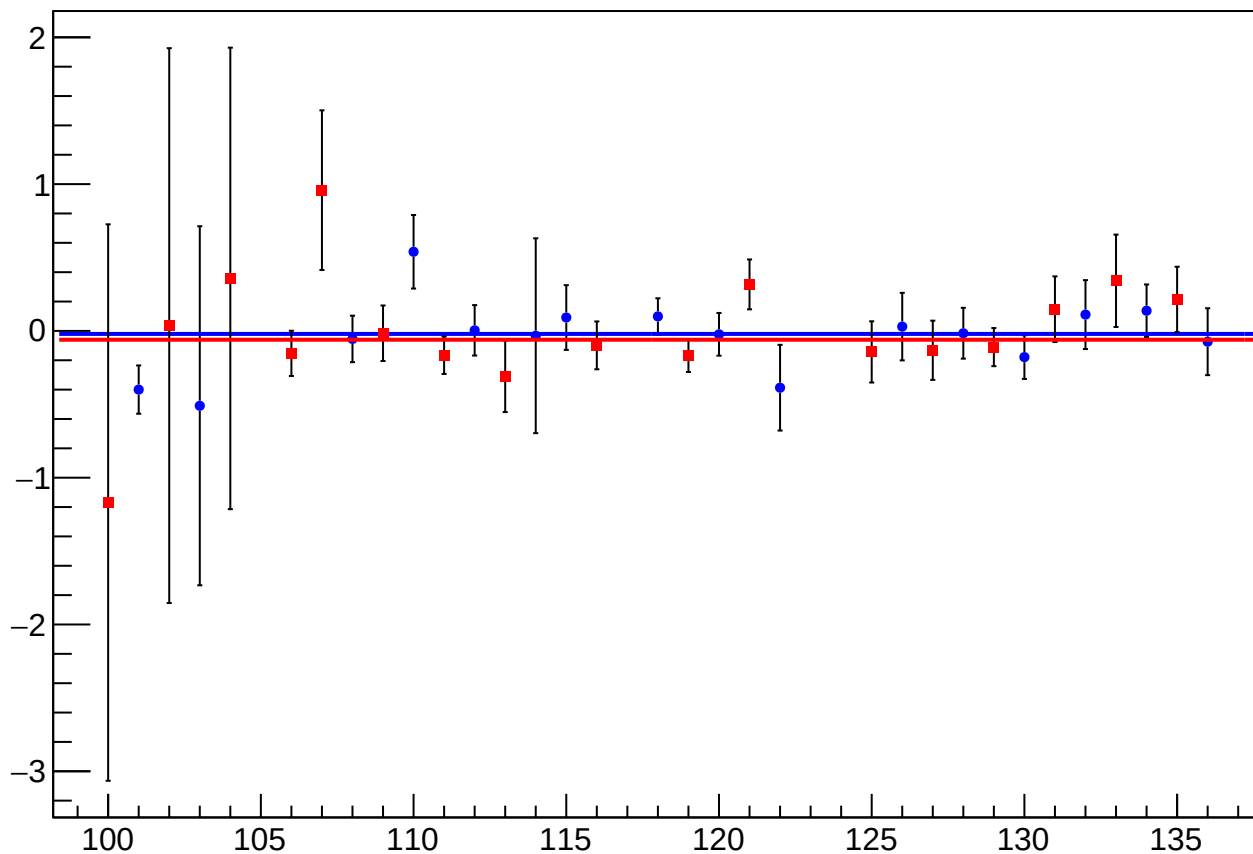
Right: 106.465+/-0.024 χ^2/NDF : 4542695.3/32

In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.465+/-0.024 χ^2/NDF : 4542695.3/32

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_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: -0.060 ± 0.047 χ^2/NDF : 16.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

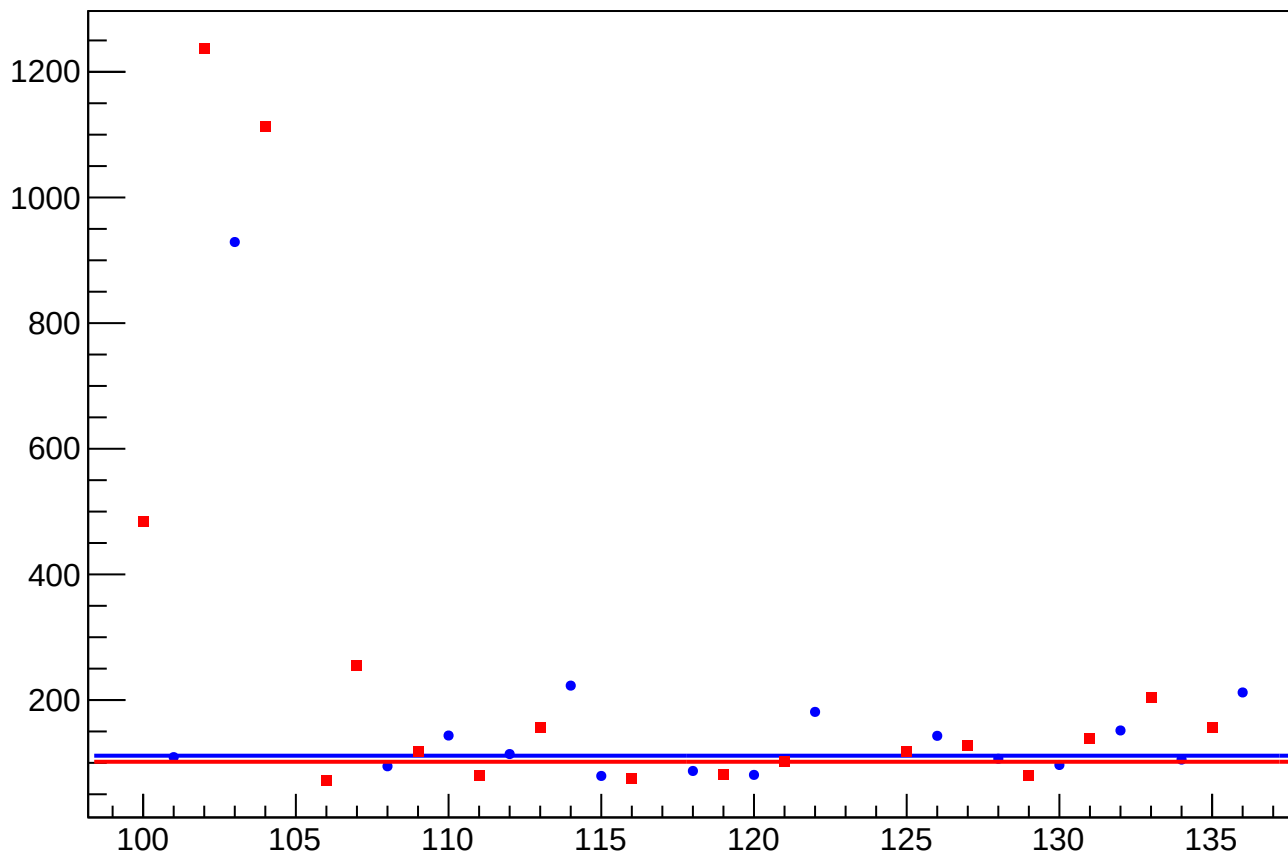
Right: -0.041 ± 0.033 χ^2/NDF : 32.4/32

In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.033 χ^2/NDF : 32.4/32

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: 101.751+/-0.033 χ^2/NDF : 2661263.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

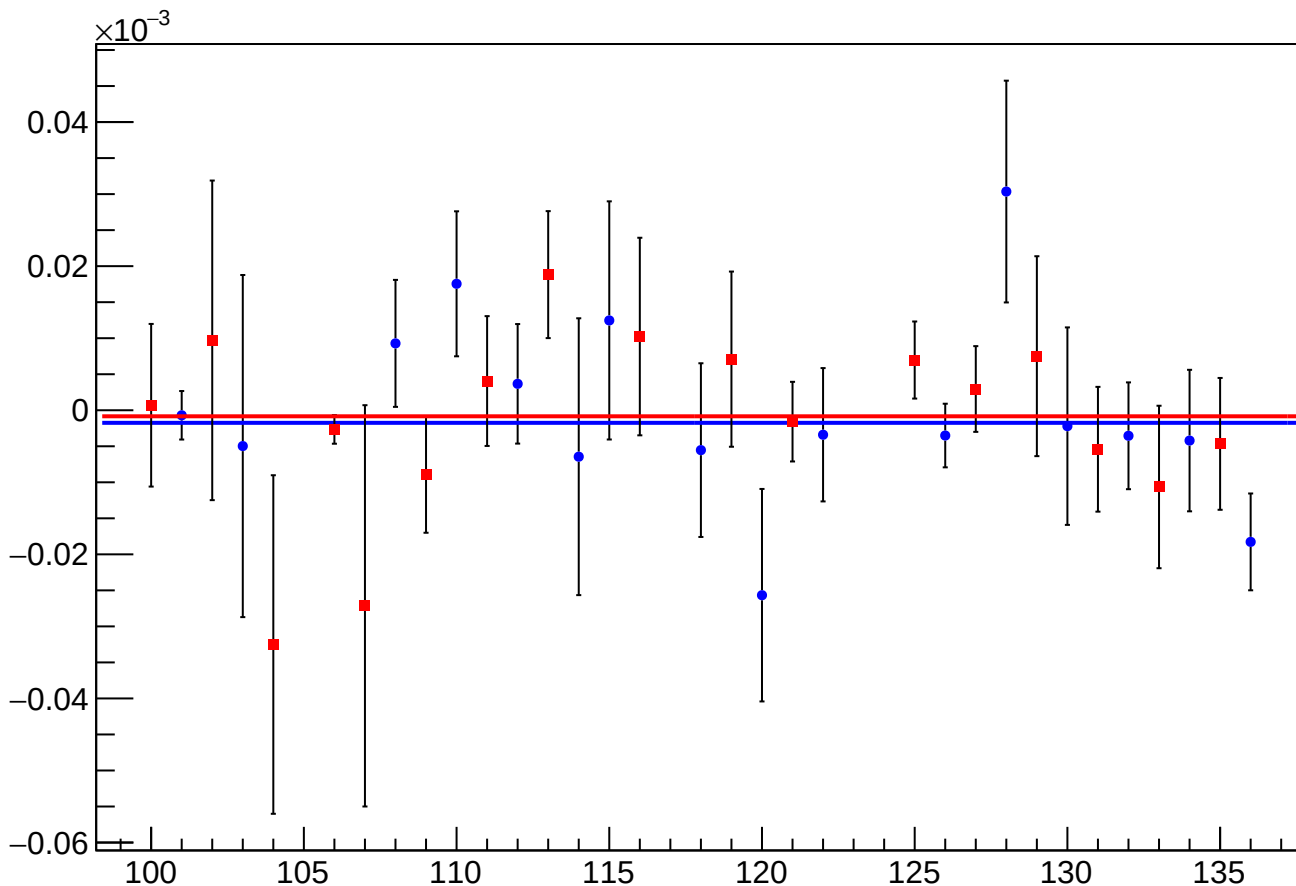
Right: 106.465+/-0.024 χ^2/NDF : 4542695.3/32

In: 111.407+/-0.034 χ^2/NDF : 1839361.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.465+/-0.024 χ^2/NDF : 4542695.3/32

asym_us_avg_at1lr_avg_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 : 15.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

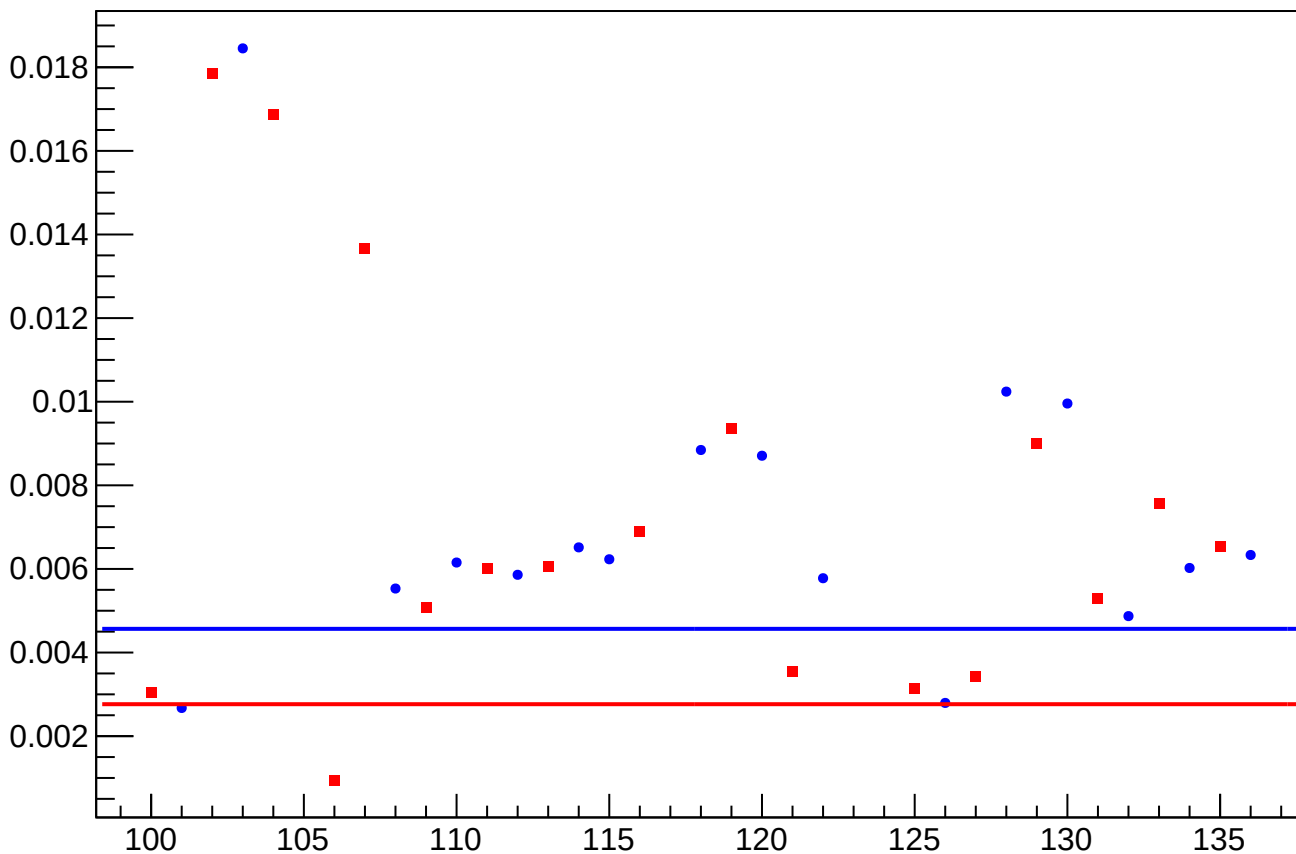
Right: -0.000+/-0.000 χ^2/NDF : 35.4/32

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 : 35.4/32

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 : 6478610.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

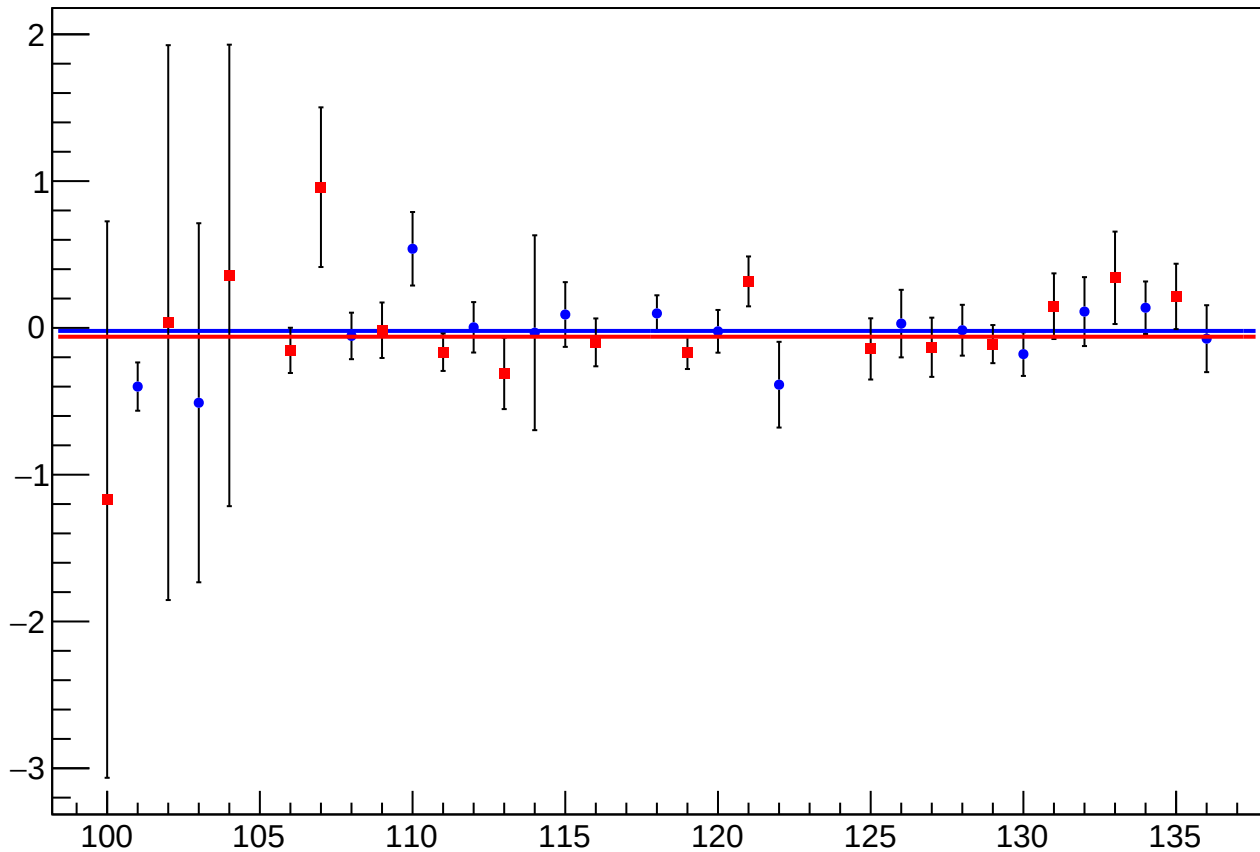
Right: 0.003+/-0.000 χ^2/NDF : 10586012.2/32

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 : 10586012.2/32

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: -0.060 ± 0.047 χ^2/NDF : 16.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

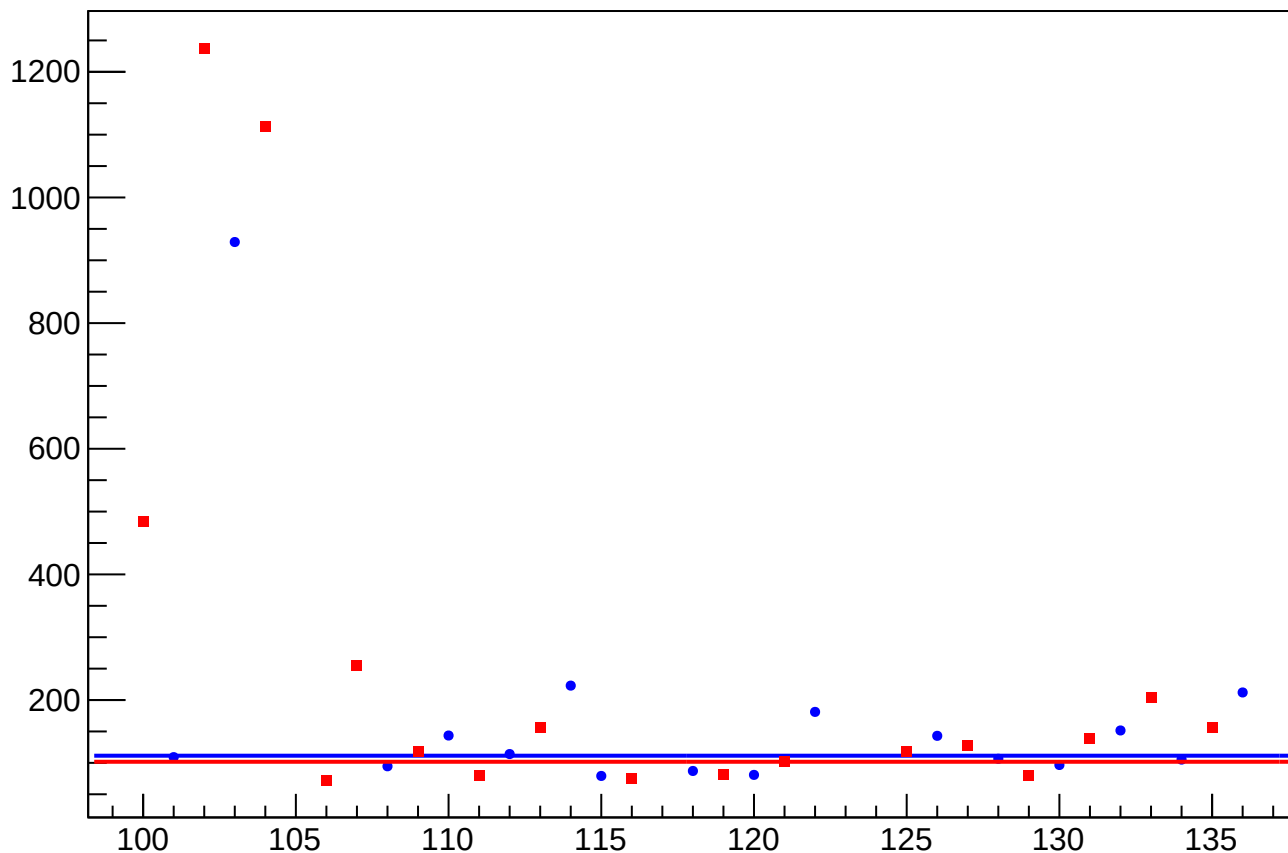
Right: -0.041 ± 0.033 χ^2/NDF : 32.4/32

In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.033 χ^2/NDF : 32.4/32

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_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: 101.749+/-0.033 χ^2/NDF : 2661256.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

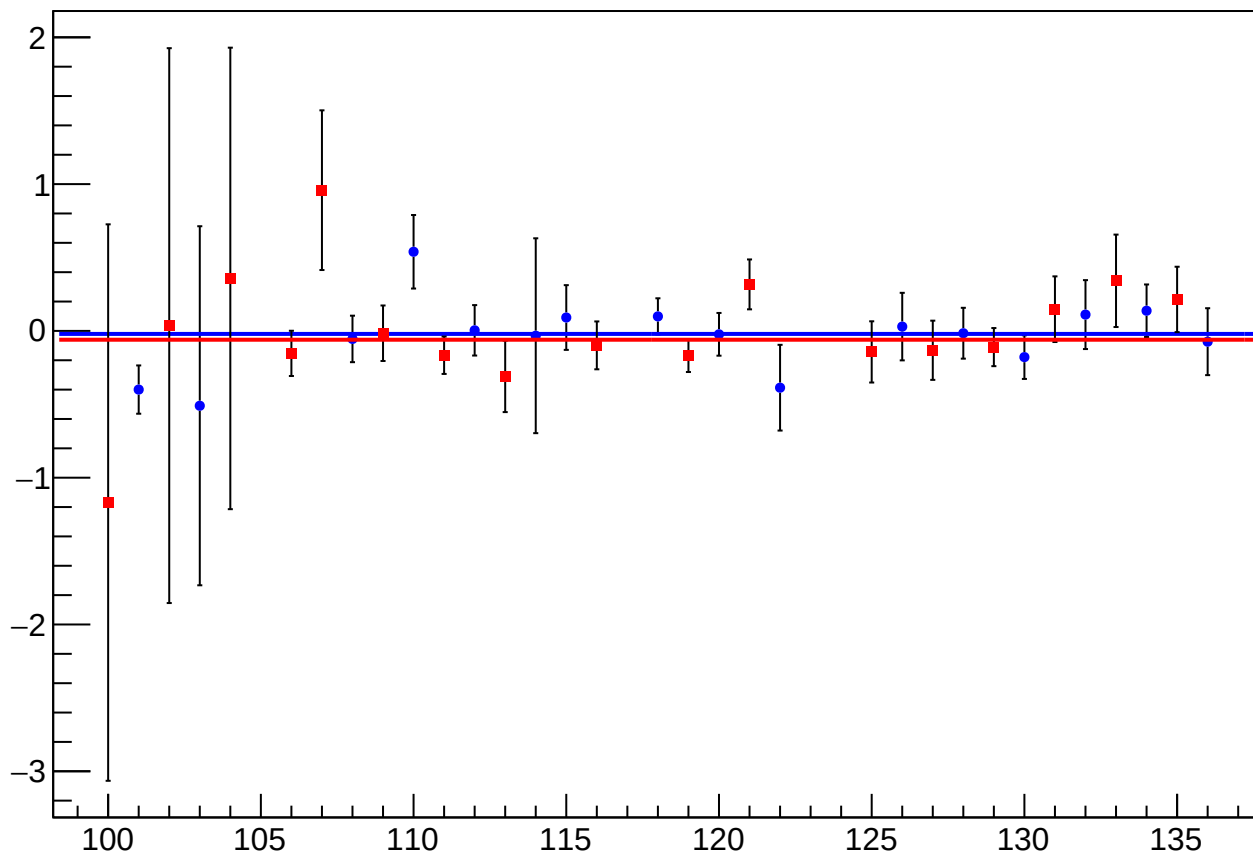
Right: 106.462+/-0.024 χ^2/NDF : 4542726.3/32

In: 111.404+/-0.034 χ^2/NDF : 1839407.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.462+/-0.024 χ^2/NDF : 4542726.3/32

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_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: -0.060 ± 0.047 χ^2/NDF : 16.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

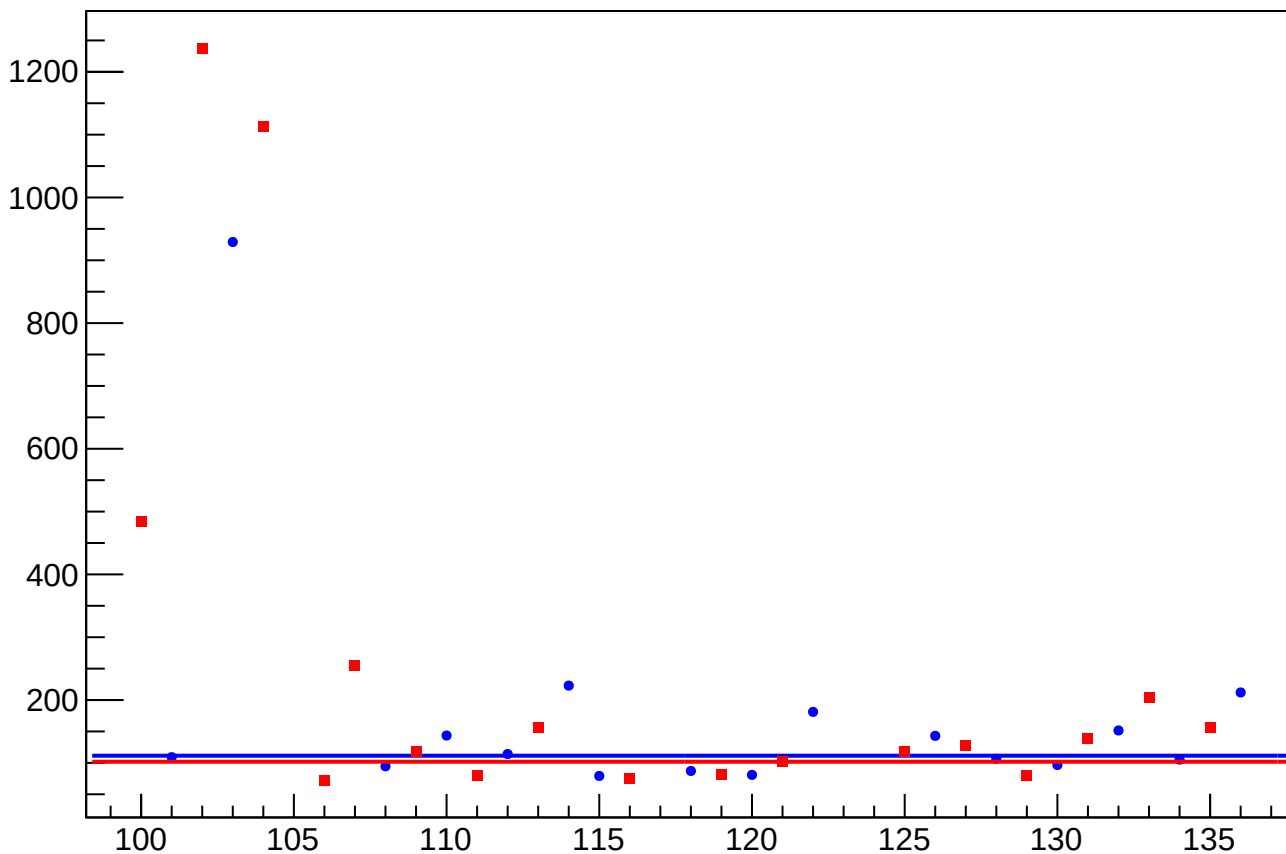
Right: -0.041 ± 0.033 χ^2/NDF : 32.4/32

In: -0.021 ± 0.048 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.041 ± 0.033 χ^2/NDF : 32.4/32

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: 101.749+/-0.033 χ^2/NDF : 2661256.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

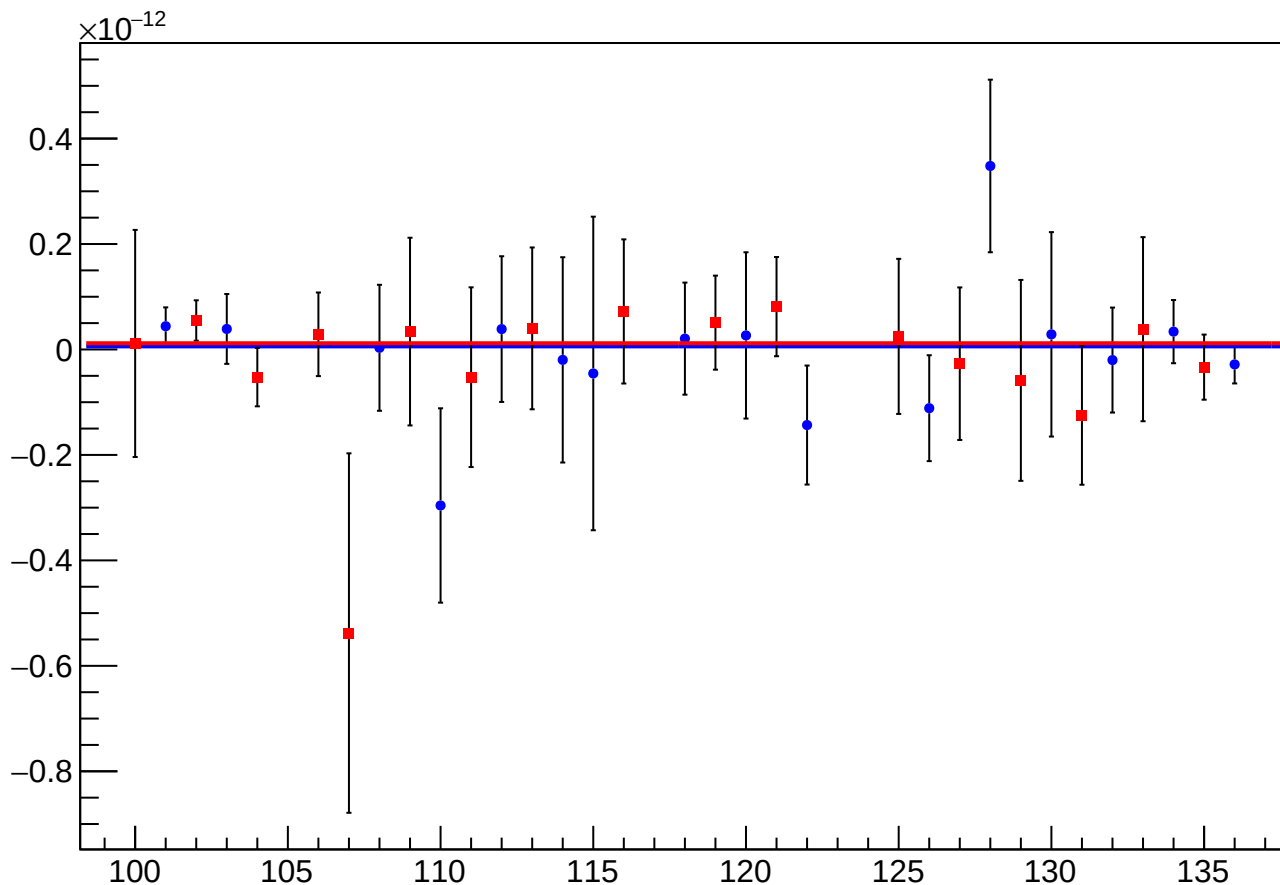
Right: 106.462+/-0.024 χ^2/NDF : 4542726.3/32

In: 111.404+/-0.034 χ^2/NDF : 1839407.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 106.462+/-0.024 χ^2/NDF : 4542726.3/32

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 : 8.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

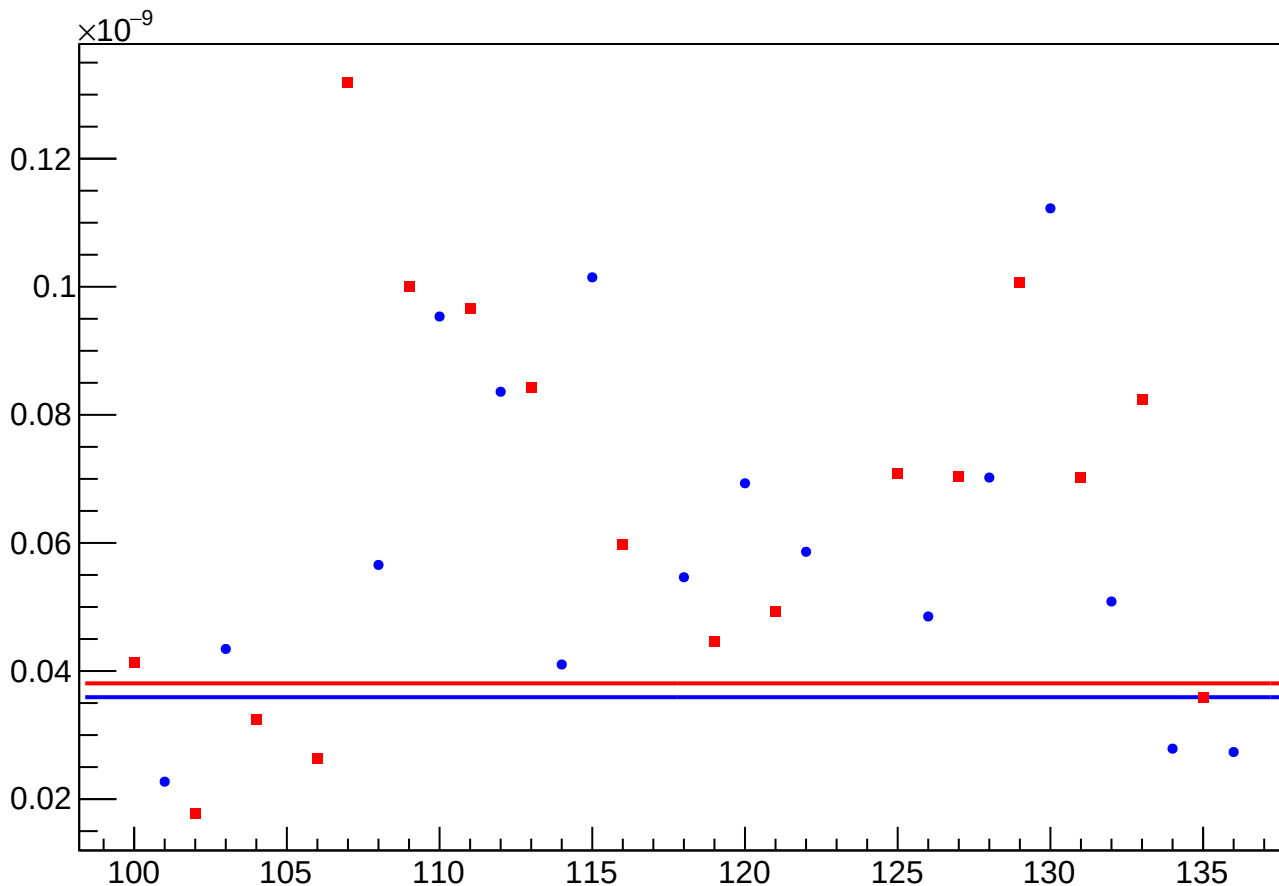
Right: 0.000+/-0.000 χ^2/NDF : 21.2/32

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 : 21.2/32

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 : 2193710.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

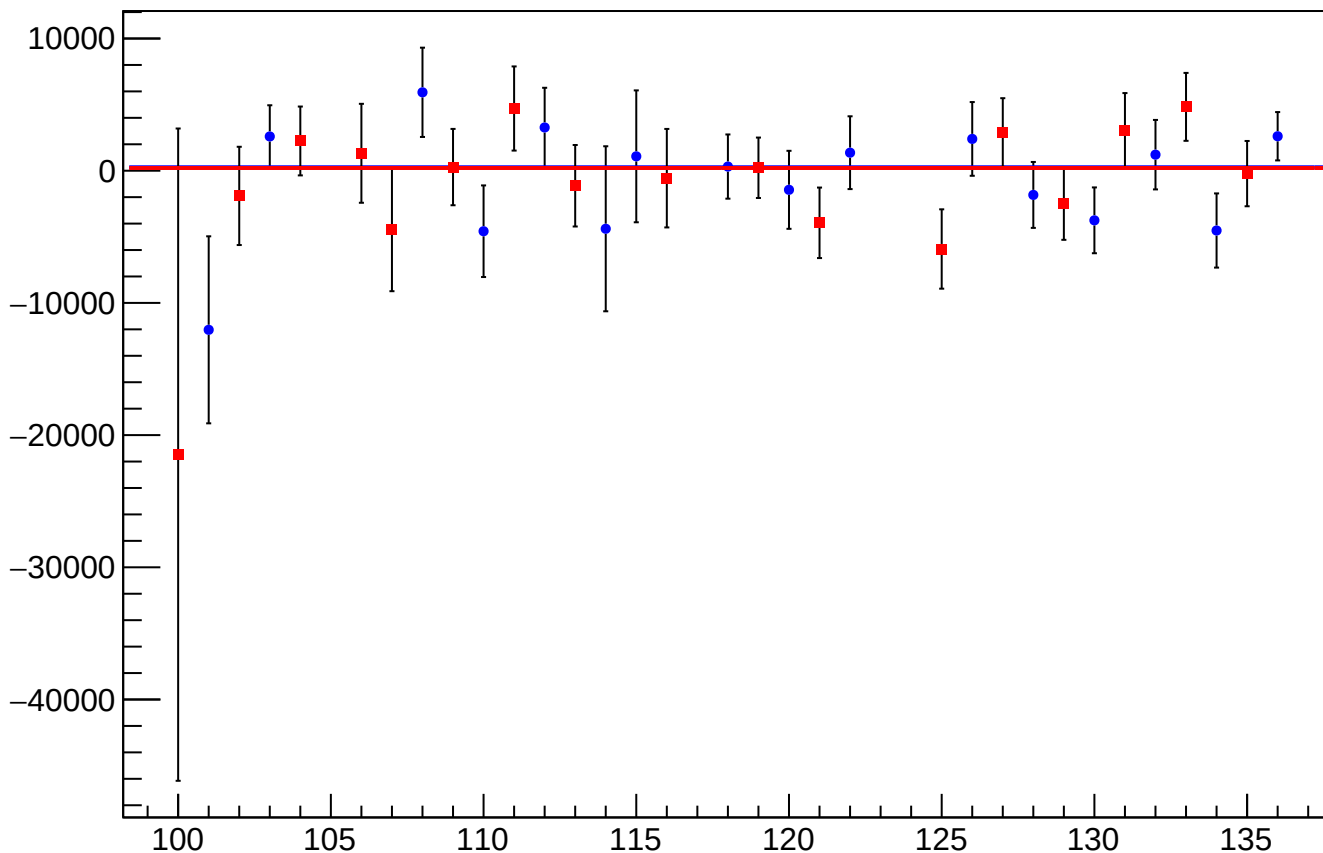
Right: 0.000+/-0.000 χ^2/NDF : 3963744.9/32

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 : 3963744.9/32

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 259.502+/-709.700 χ^2/NDF : 19.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 207.033+/-724.863 χ^2/NDF : 18.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

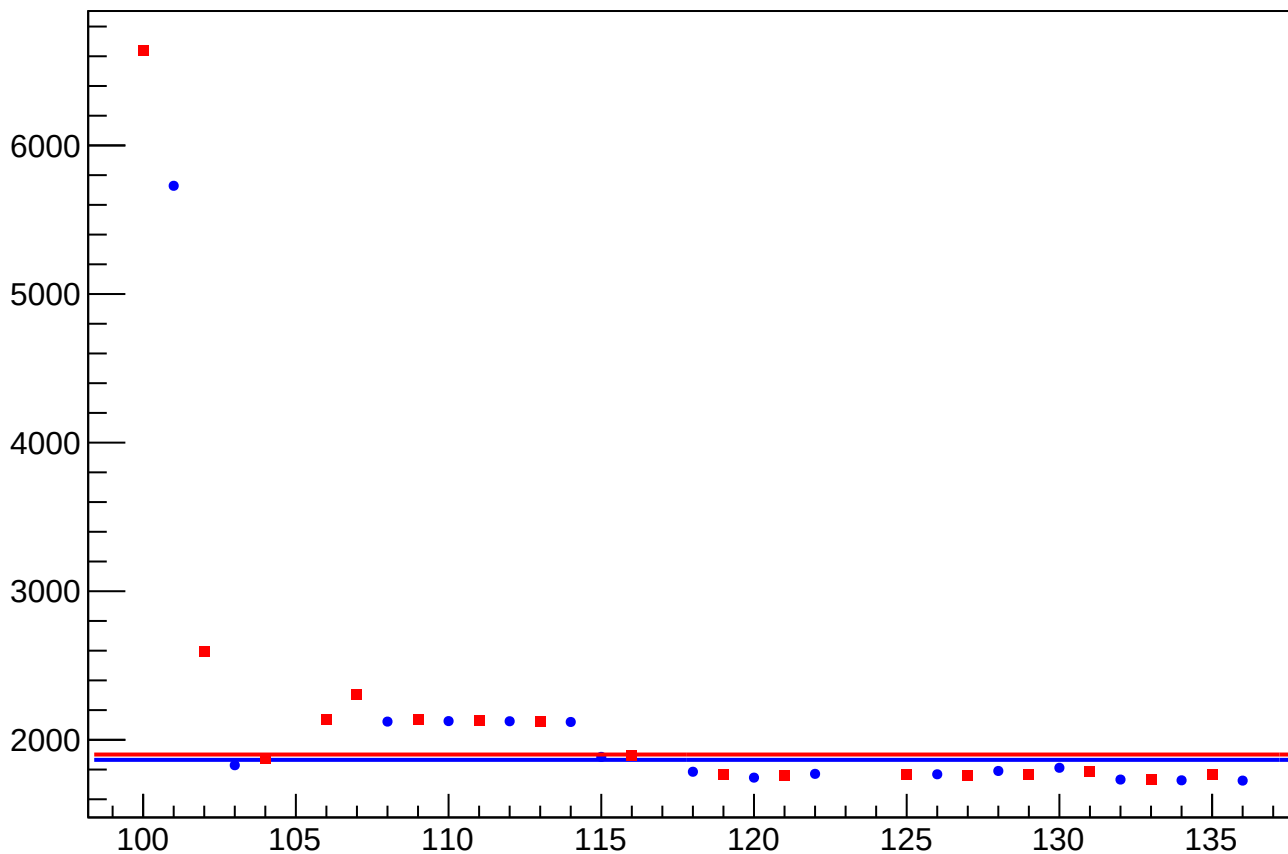
Right: 233.822+/-507.109 χ^2/NDF : 37.4/32

In: 259.502+/-709.700 χ^2/NDF :19.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 233.822+/-507.109 χ^2/NDF : 37.4/32

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: 1901.103+/-0.513 χ^2/NDF : 247007.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

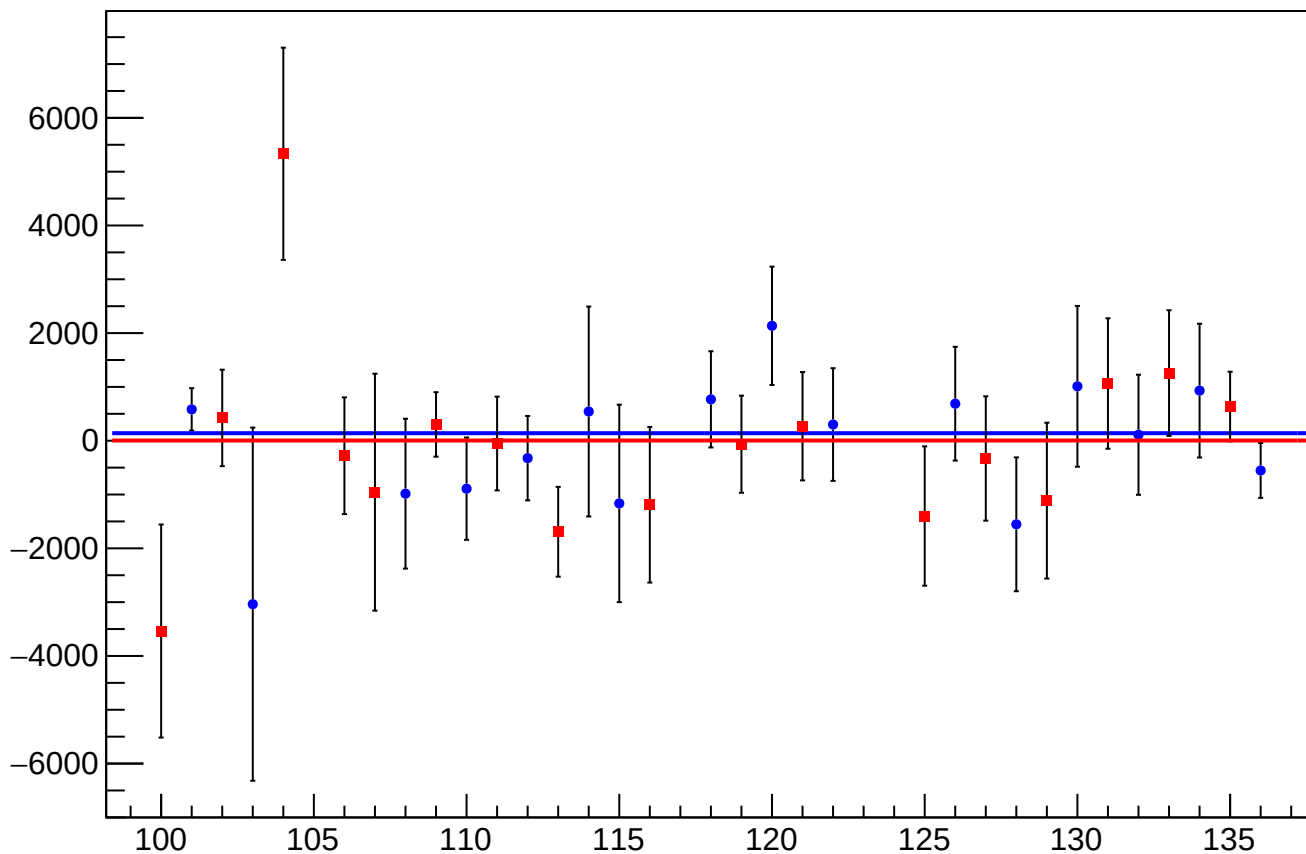
Right: 1882.757+/-0.359 χ^2/NDF : 922241.0/32

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.757+/-0.359 χ^2/NDF : 922241.0/32

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: 3.960+/-244.959 χ^2/NDF : 20.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

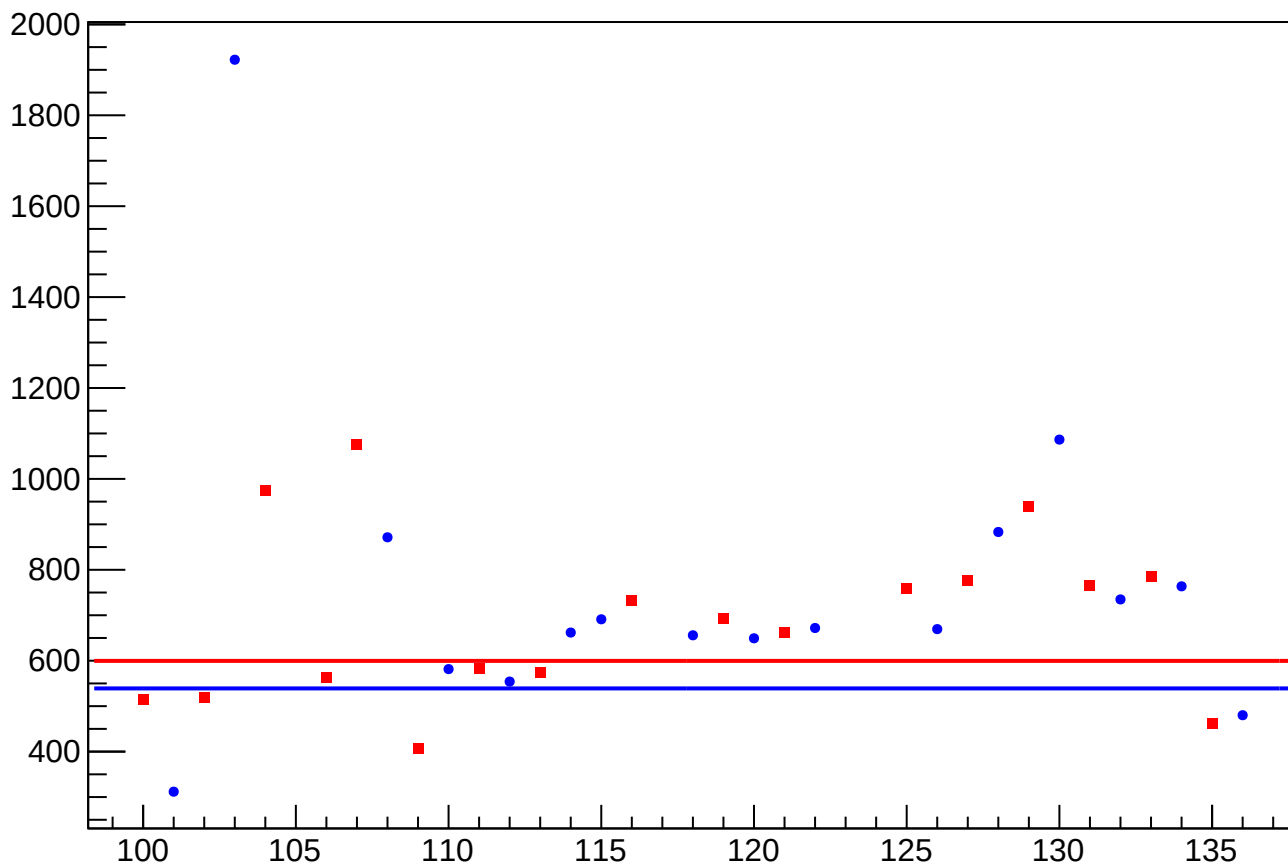
Right: 79.119+/-163.720 χ^2/NDF : 34.5/32

In: 139.799+/-220.100 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.119+/-163.720 χ^2/NDF : 34.5/32

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: 599.592+/-0.173 χ^2/NDF : 808432.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

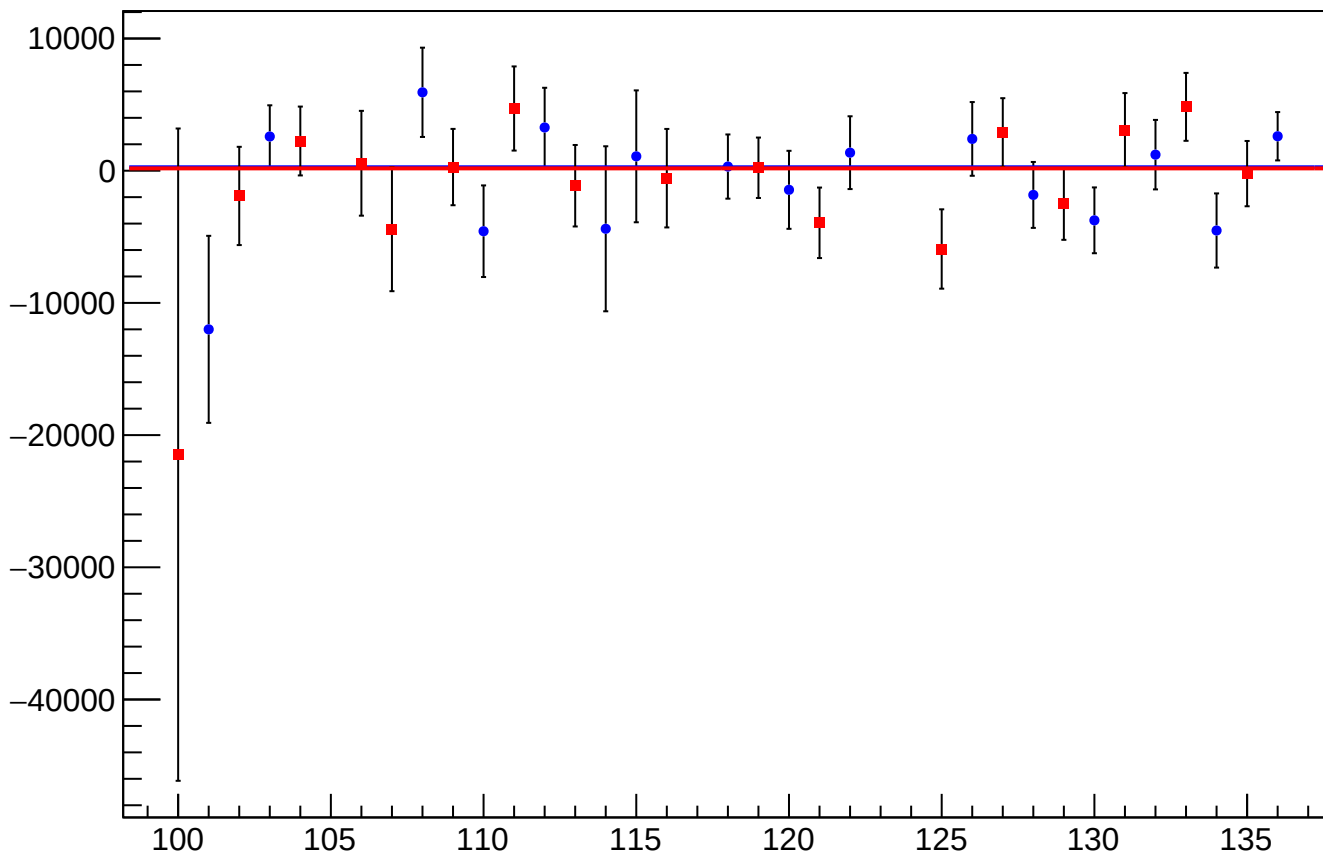
Right: 566.075+/-0.116 χ^2/NDF : 2730679.9/32

In: 539.016+/-0.156 χ^2/NDF :1854576.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 566.075+/-0.116 χ^2/NDF : 2730679.9/32

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: 176.874 $\pm$ 726.348 χ^2 /NDF: 17.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

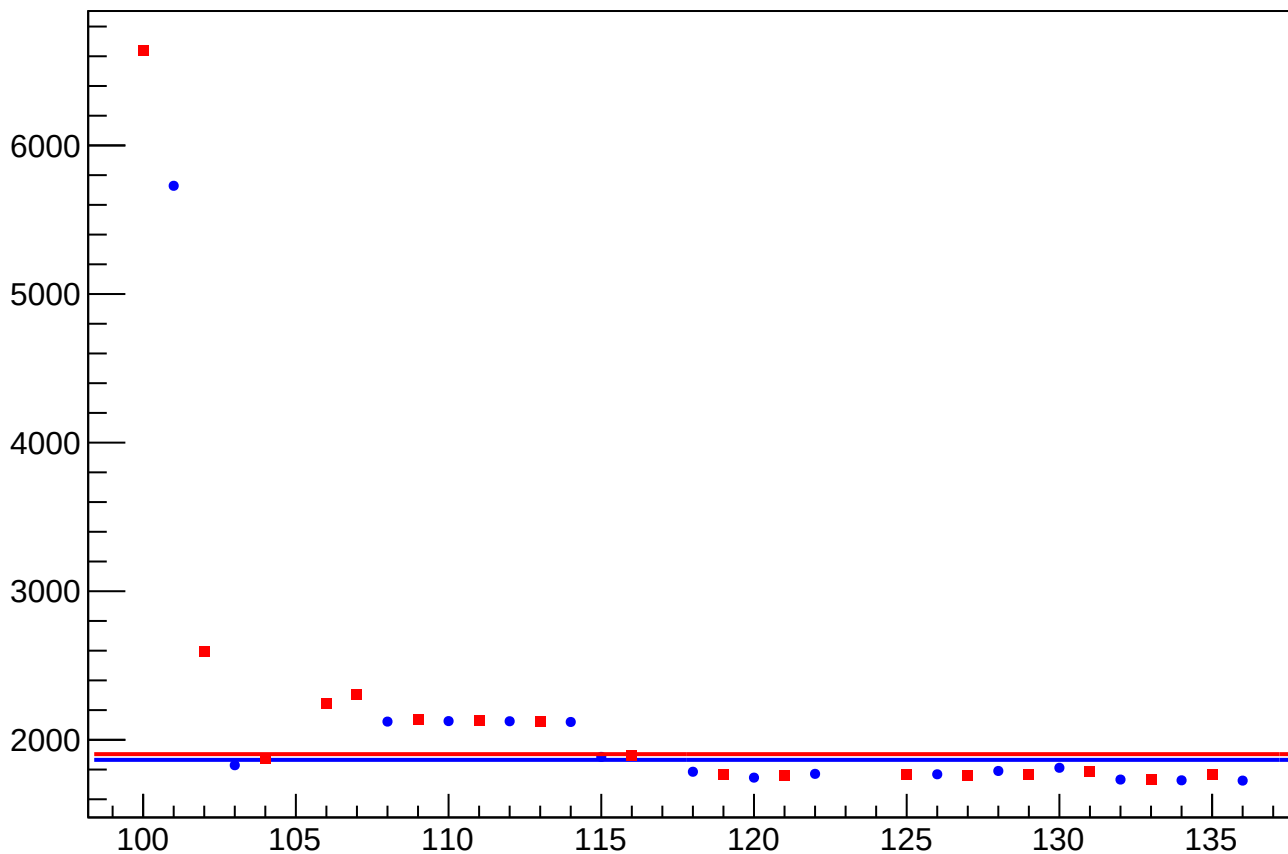
Right: 219.242 $\pm$ 507.617 χ^2 /NDF: 37.3/32

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: 219.242 $\pm$ 507.617 χ^2 /NDF: 37.3/32

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: 1903.665+/-0.514 χ^2/NDF : 253821.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

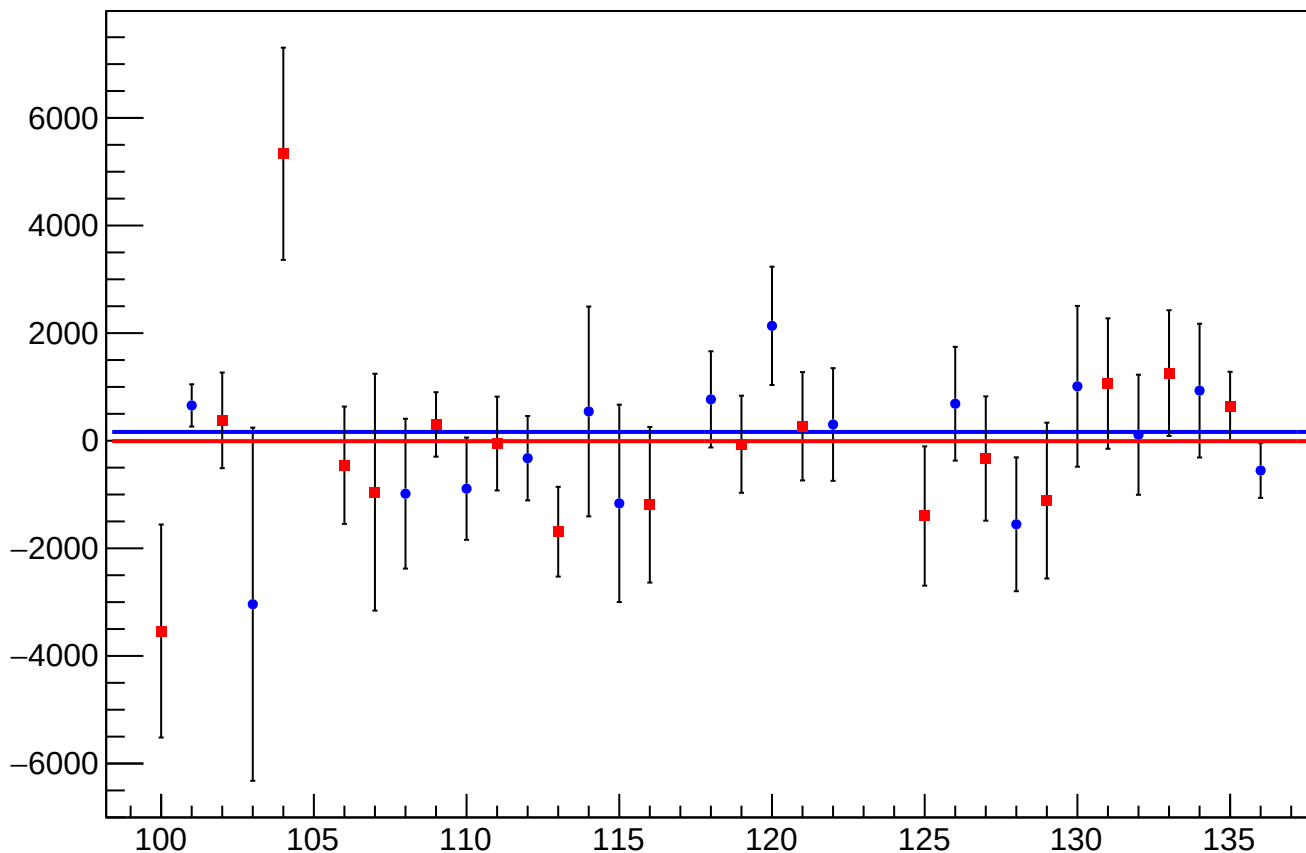
Right: 1883.971+/-0.359 χ^2/NDF : 929419.6/32

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.971+/-0.359 χ^2/NDF : 929419.6/32

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: -7.682+/-244.899 χ^2/NDF : 20.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

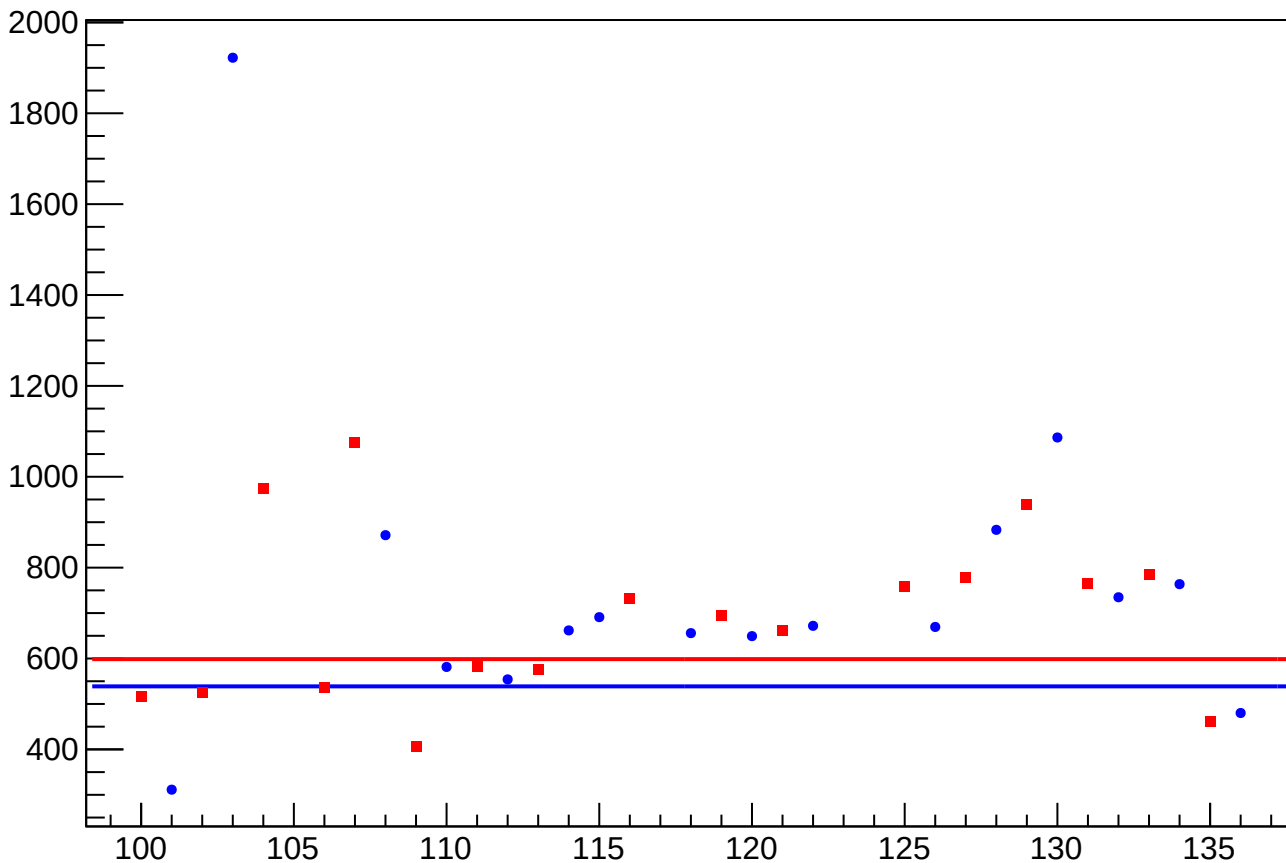
Right: 86.847+/-163.671 χ^2/NDF : 35.1/32

In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.847+/-163.671 χ^2/NDF : 35.1/32

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: 598.679+/-0.173 χ^2/NDF : 810358.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

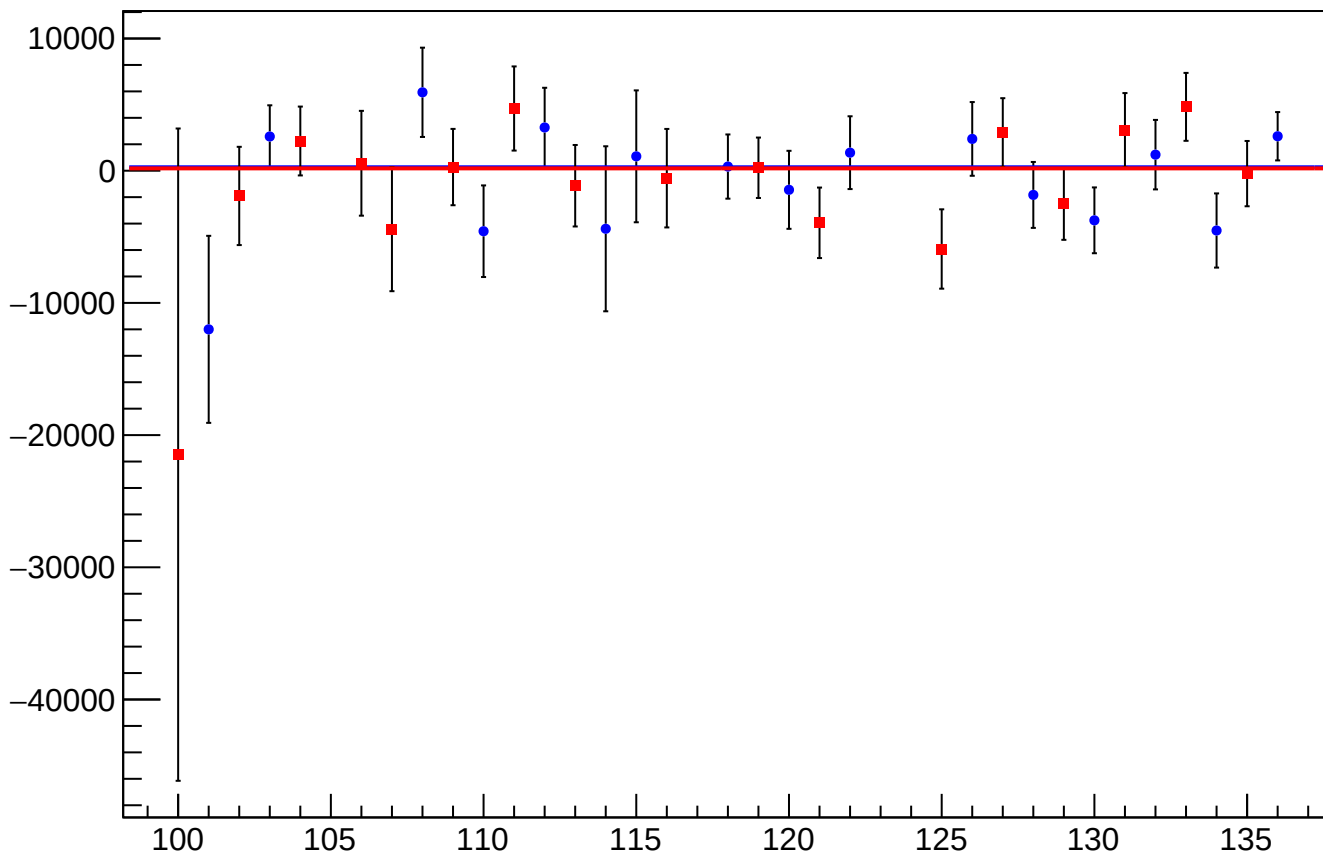
Right: 565.492+/-0.116 χ^2/NDF : 2735627.4/32

In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.492+/-0.116 χ^2/NDF : 2735627.4/32

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug, Sign Corrected



Right In: 259.689+/-709.700 χ^2/NDF : 19.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 176.874+/-726.348 χ^2/NDF : 17.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

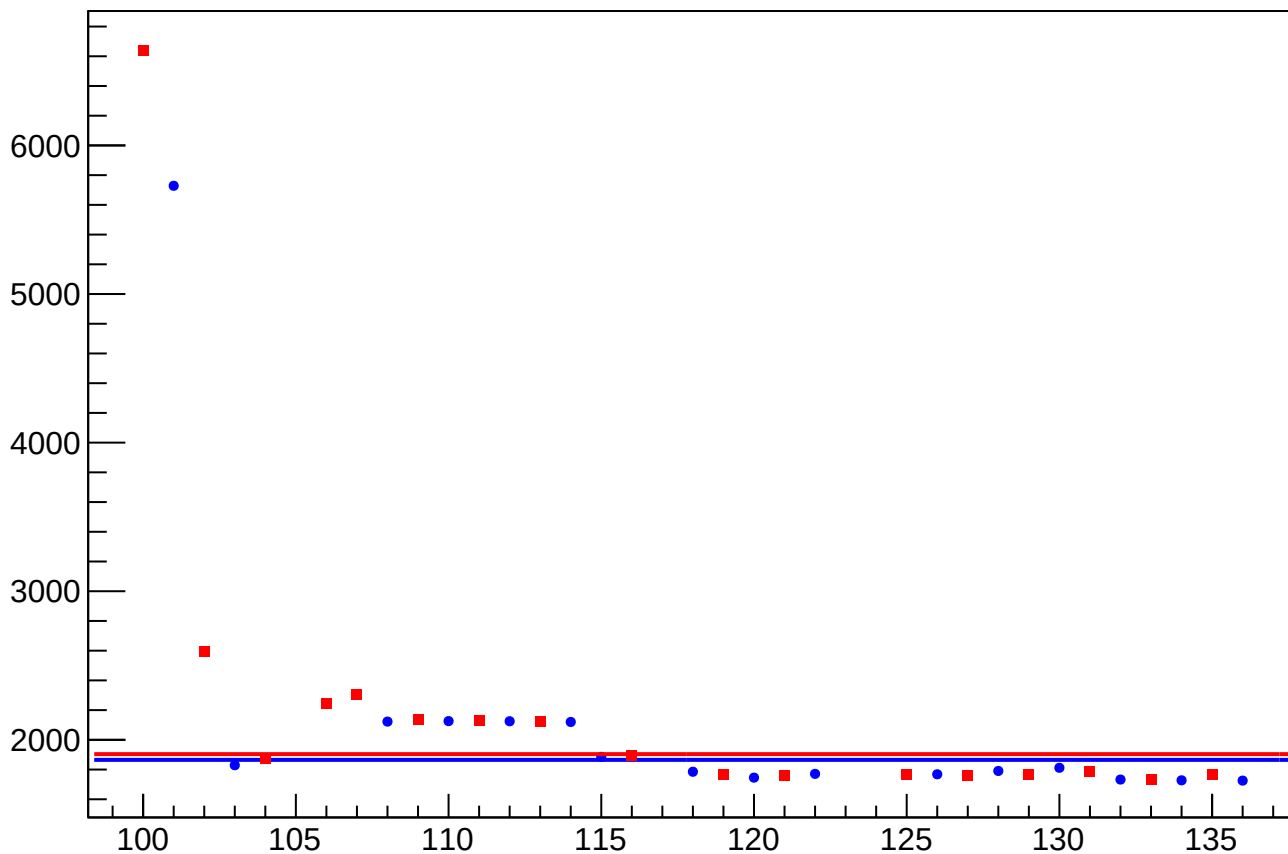
Right: 219.242+/-507.617 χ^2/NDF : 37.3/32

In: 259.689+/-709.700 χ^2/NDF : 19.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 219.242+/-507.617 χ^2/NDF : 37.3/32

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: 1903.665+/-0.514 χ^2/NDF : 253821.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

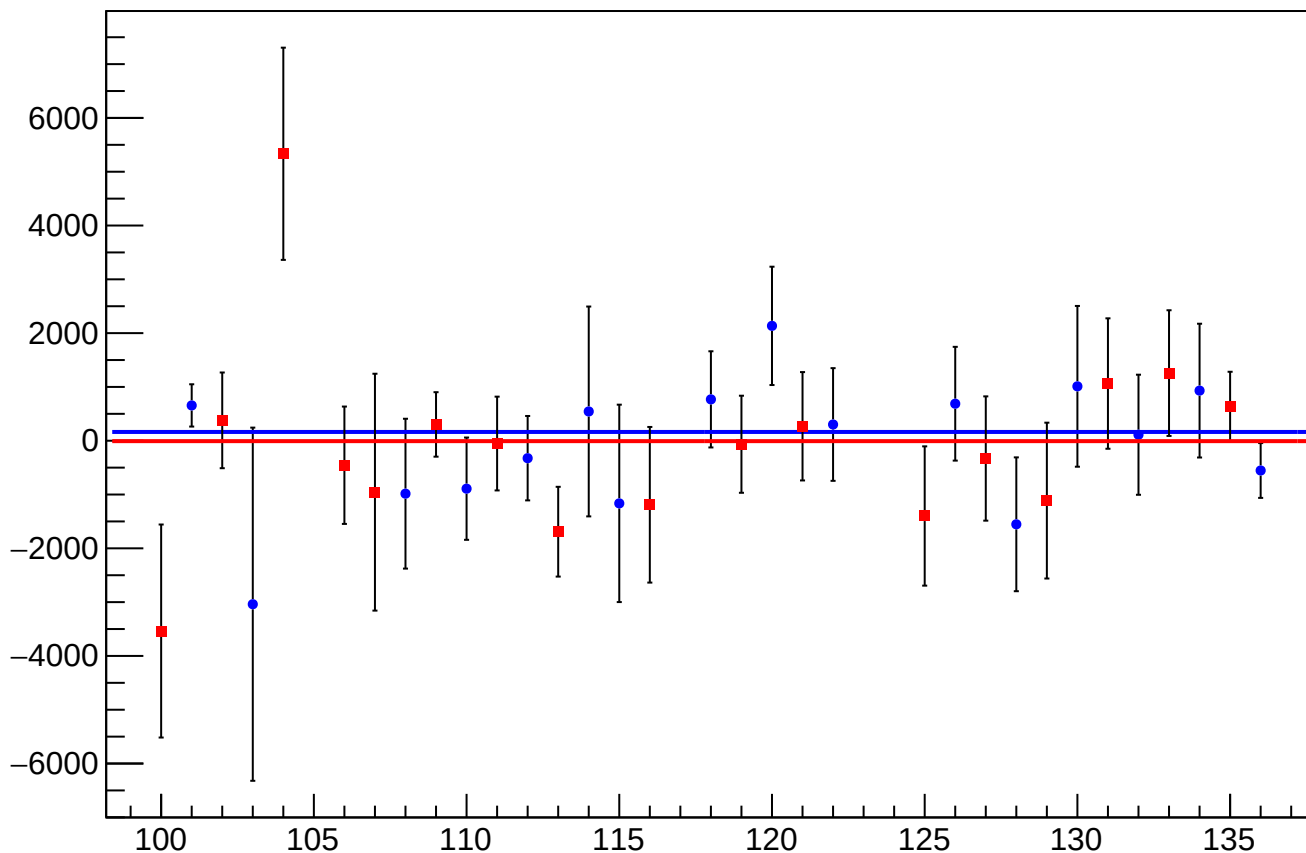
Right: 1883.971+/-0.359 χ^2/NDF : 929419.6/32

In: 1865.170+/-0.502 χ^2/NDF : 672724.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.971+/-0.359 χ^2/NDF : 929419.6/32

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: -7.682+/-244.899 χ^2/NDF : 20.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

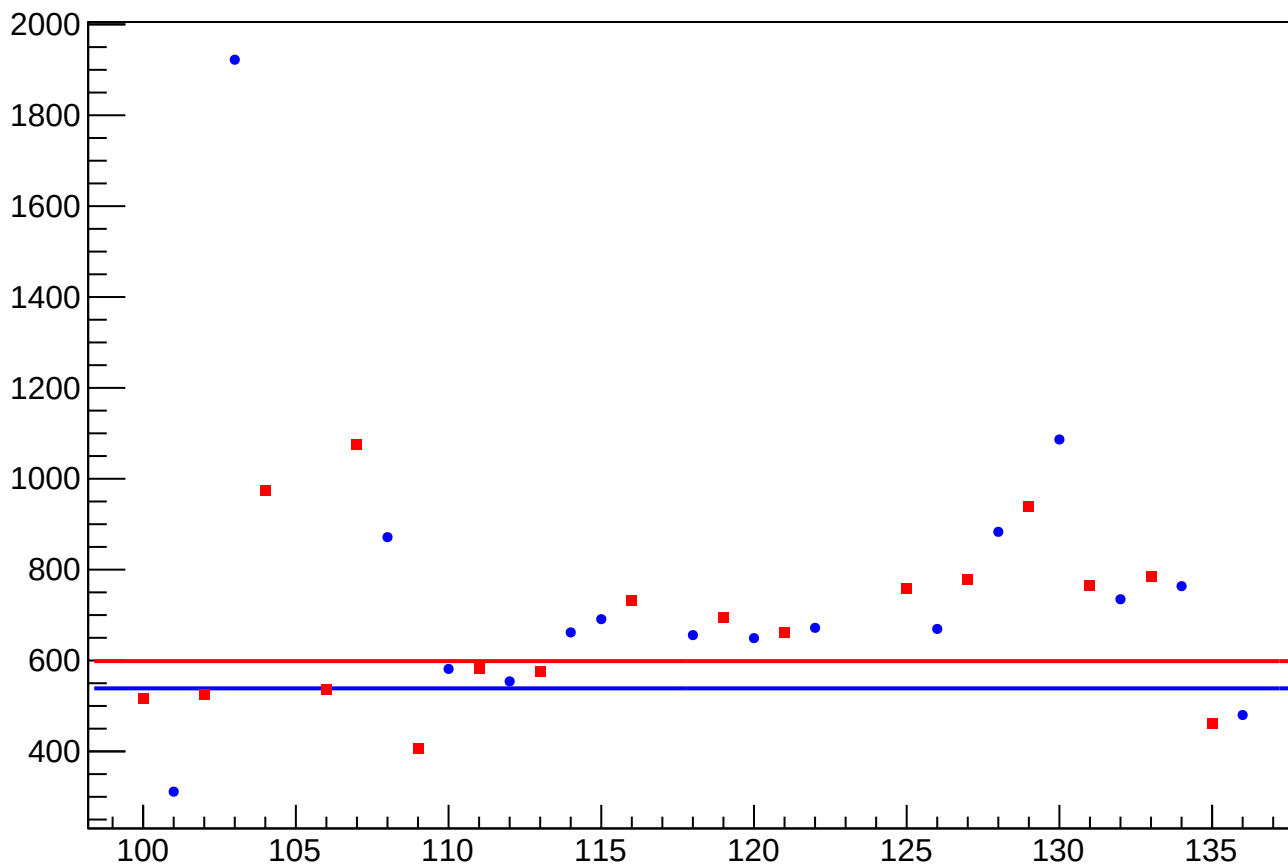
Right: 86.847+/-163.671 χ^2/NDF : 35.1/32

In: 163.149+/-220.024 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.847+/-163.671 χ^2/NDF : 35.1/32

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: 598.679+/-0.173 χ^2/NDF : 810358.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

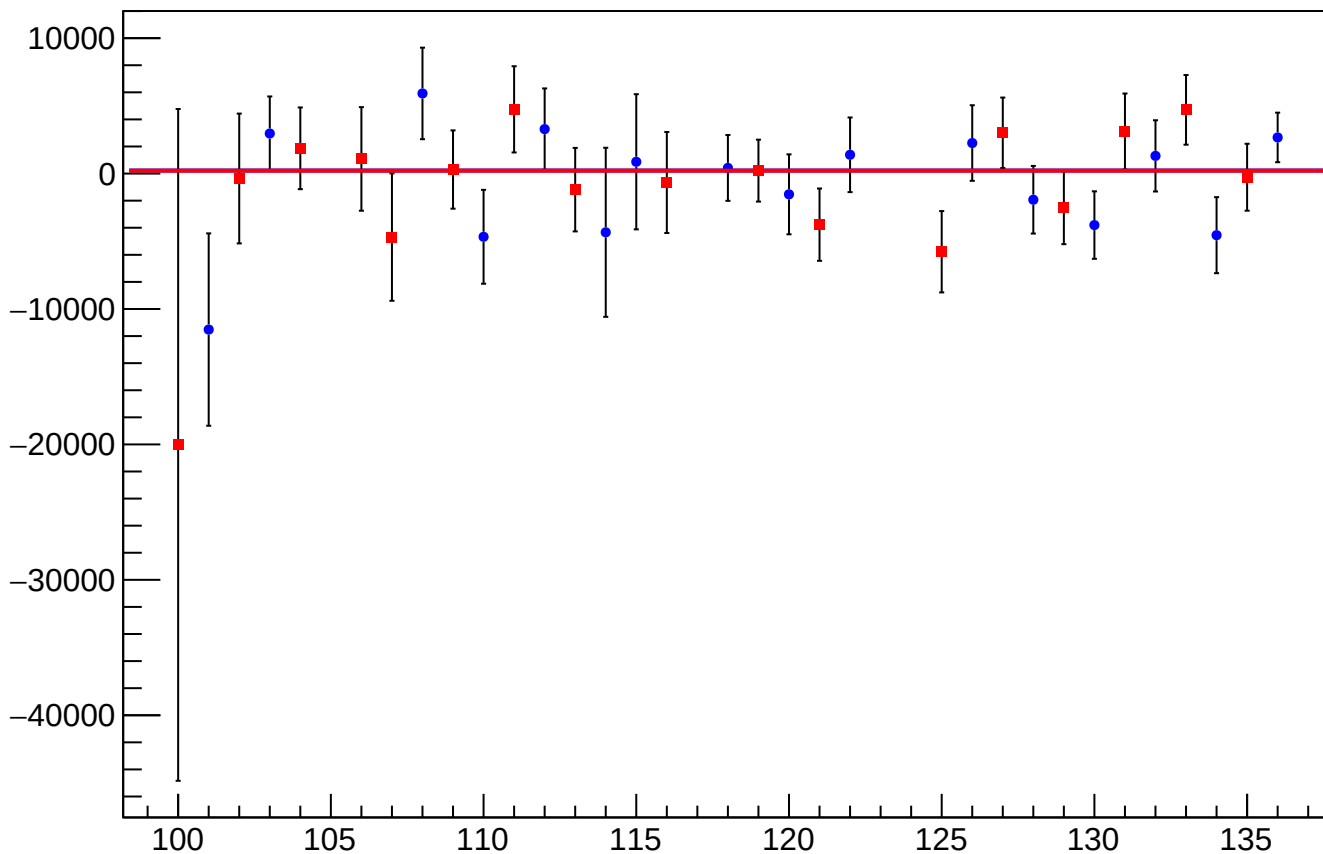
Right: 565.492+/-0.116 χ^2/NDF : 2735627.4/32

In: 538.703+/-0.156 χ^2/NDF : 1858892.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 565.492+/-0.116 χ^2/NDF : 2735627.4/32

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: 213.459 $\pm$ 739.040 χ^2 /NDF: 16.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

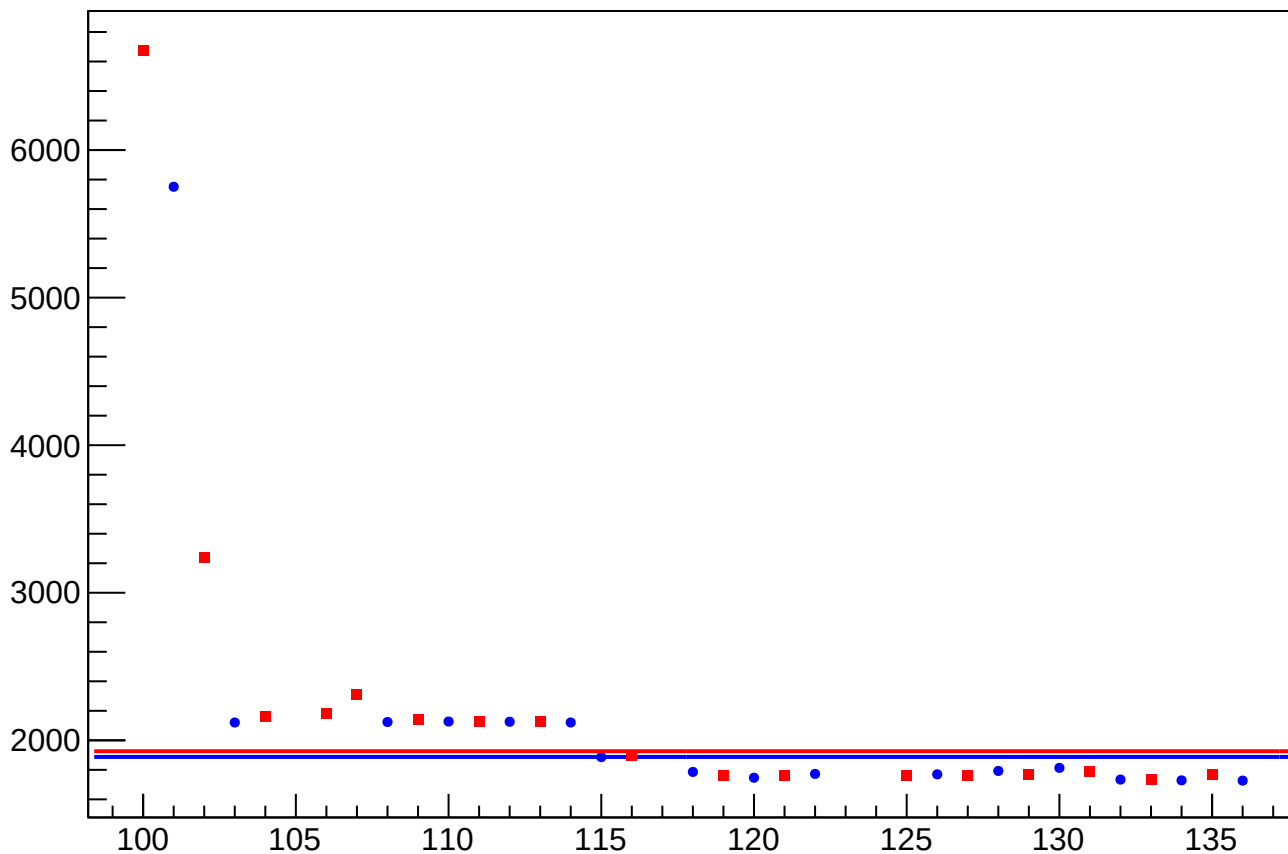
Right: 220.022 $\pm$ 515.185 χ^2 /NDF: 36.3/32

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: 220.022 $\pm$ 515.185 χ^2 /NDF: 36.3/32

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: 1926.001+/-0.523 χ^2/NDF : 347747.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

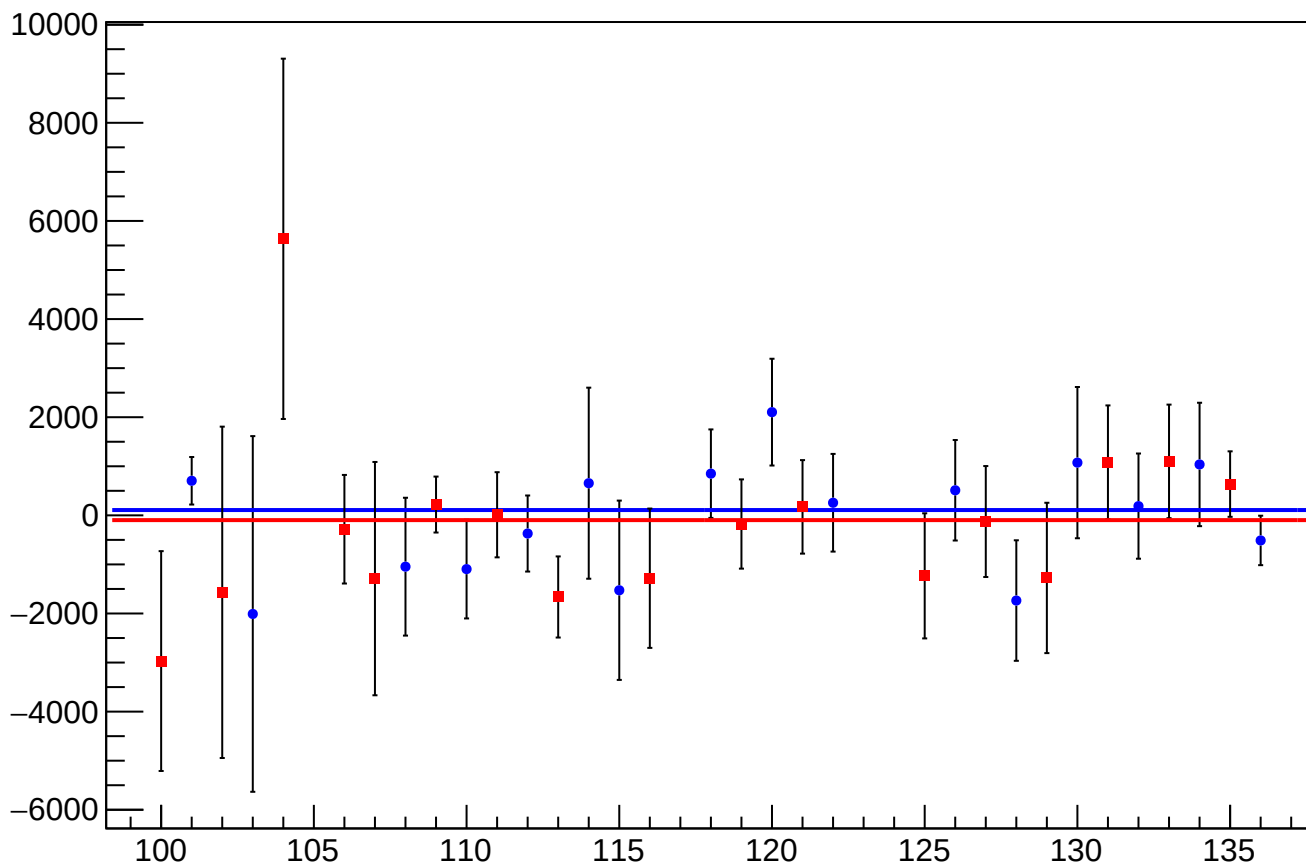
Right: 1906.112+/-0.364 χ^2/NDF : 1040008.2/32

In: 1887.310+/-0.508 χ^2/NDF : 689442.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.112+/-0.364 χ^2/NDF : 1040008.2/32

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: -97.130+/-253.251 χ^2/NDF : 14.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

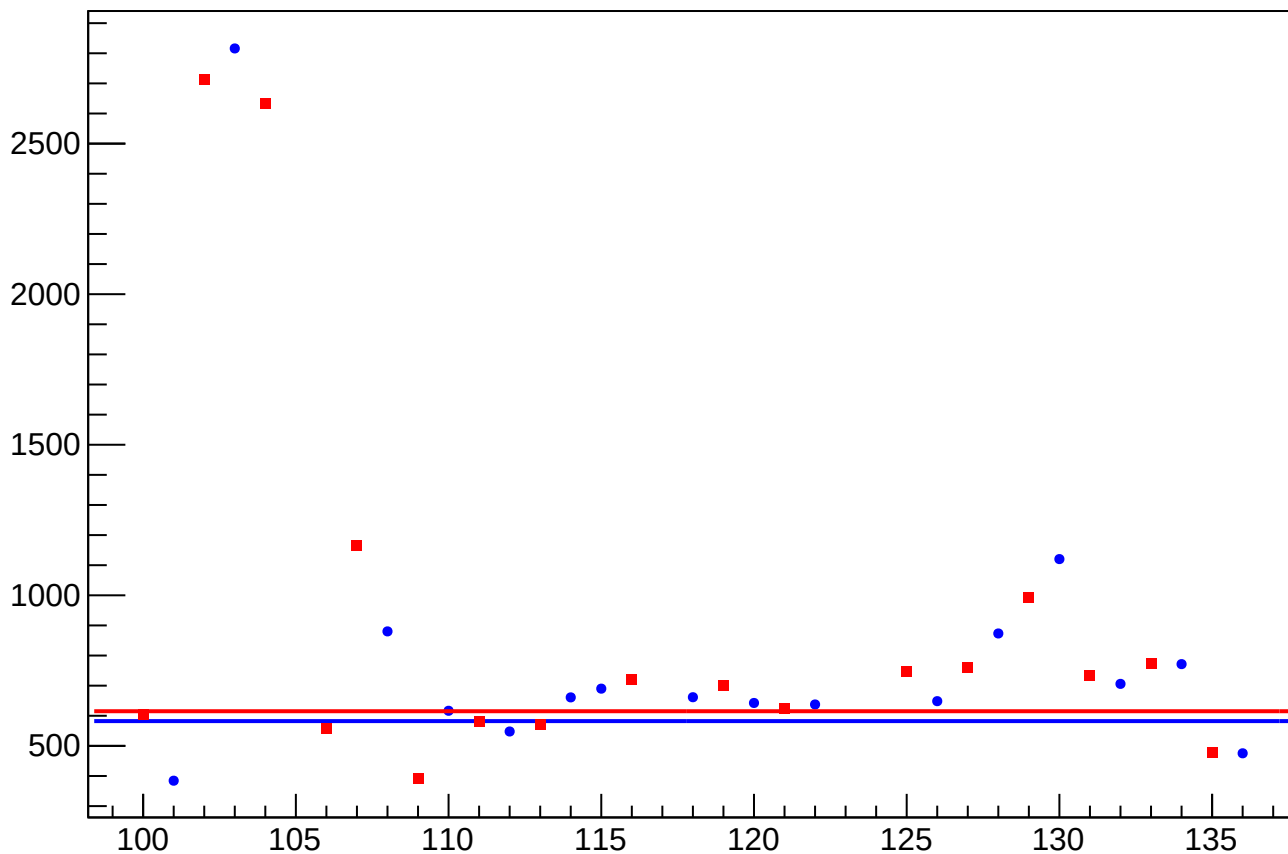
Right: 14.600+/-170.953 χ^2/NDF : 28.5/32

In: 108.131+/-231.711 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.600+/-170.953 χ^2/NDF : 28.5/32

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: 615.079+/-0.179 χ^2/NDF : 2157641.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

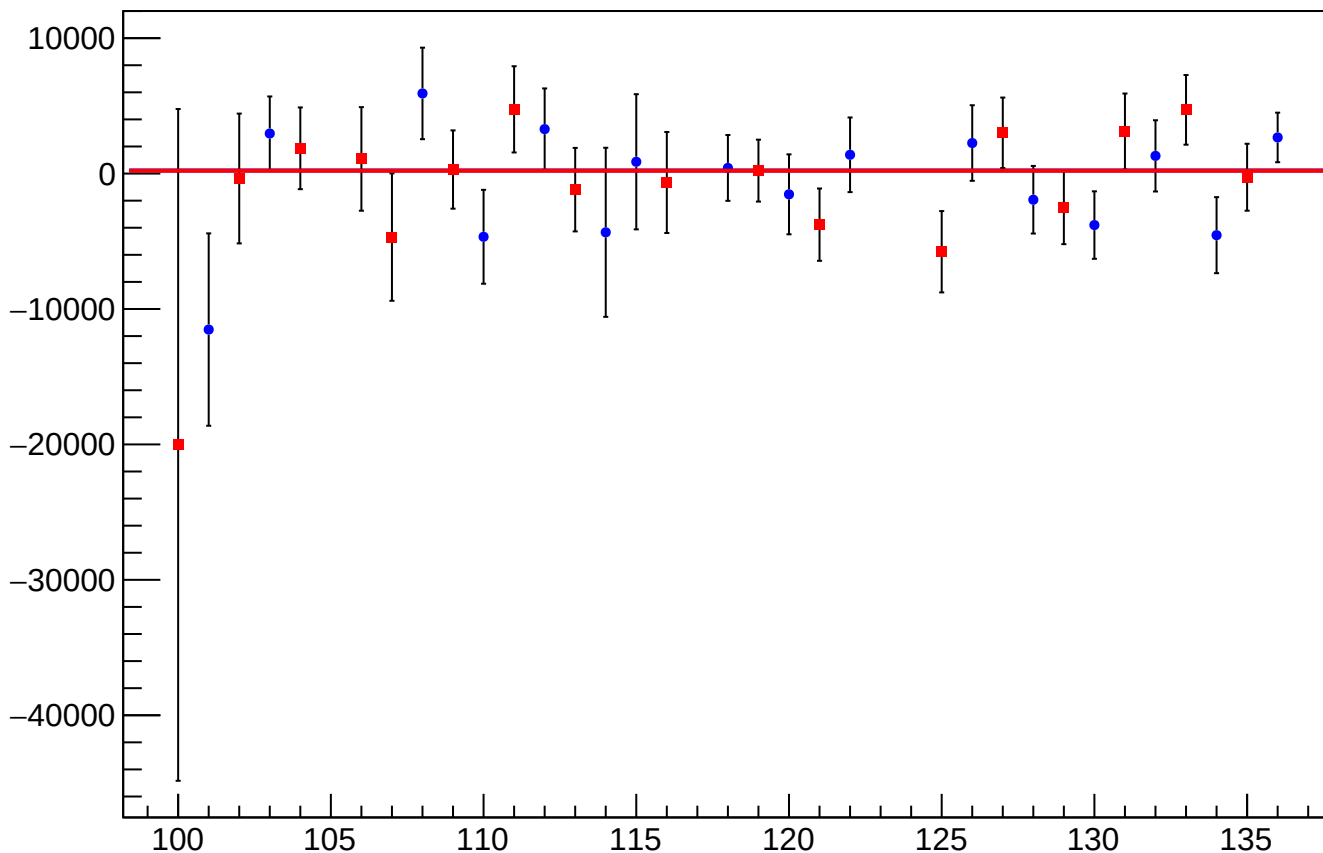
Right: 597.220+/-0.121 χ^2/NDF : 3930213.7/32

In: 582.270+/-0.164 χ^2/NDF : 1754301.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 597.220+/-0.121 χ^2/NDF : 3930213.7/32

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: 213.459 $\pm$ 739.040 χ^2 /NDF: 16.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

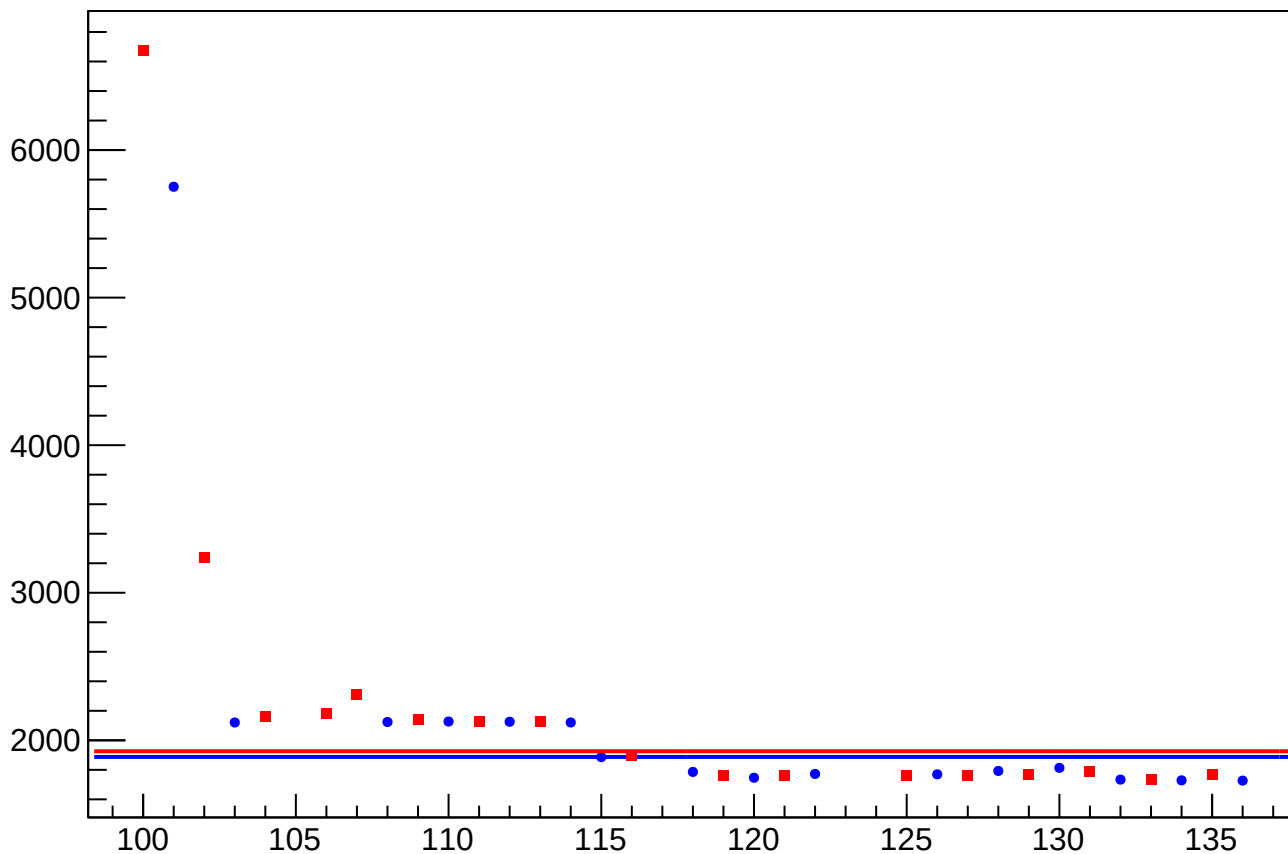
Right: 220.023 $\pm$ 515.185 χ^2 /NDF: 36.3/32

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: 220.023 $\pm$ 515.185 χ^2 /NDF: 36.3/32

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: 1926.000+/-0.523 χ^2/NDF : 347747.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

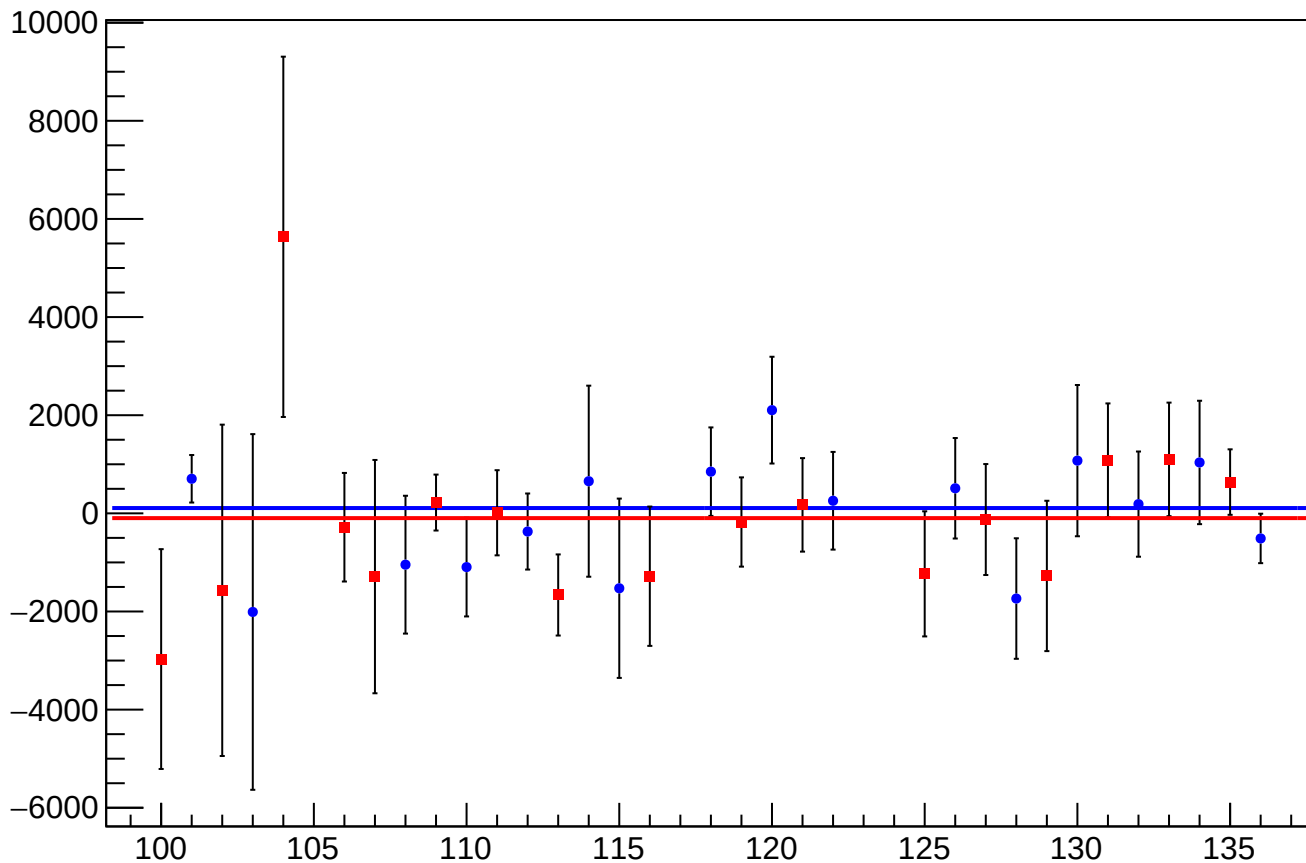
Right: 1906.112+/-0.364 χ^2/NDF : 1040007.2/32

In: 1887.310+/-0.508 χ^2/NDF : 689442.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1906.112+/-0.364 χ^2/NDF : 1040007.2/32

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: -97.129+/-253.250 χ^2/NDF : 14.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

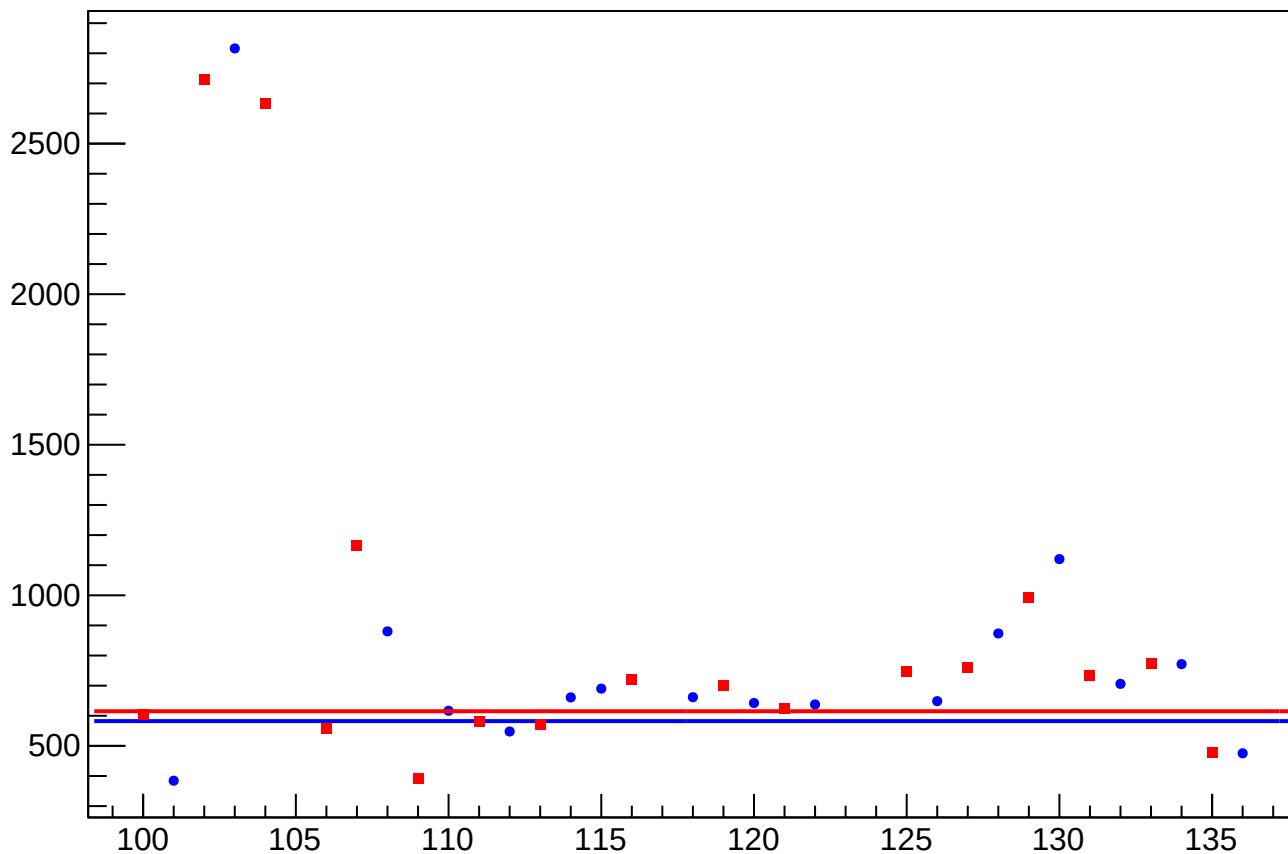
Right: 14.598+/-170.952 χ^2/NDF : 28.5/32

In: 108.128+/-231.710 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.598+/-170.952 χ^2/NDF : 28.5/32

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 582.268 $\pm$ 0.164 χ^2 /NDF: 1754289.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 615.075 $\pm$ 0.179 χ^2 /NDF: 2157657.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

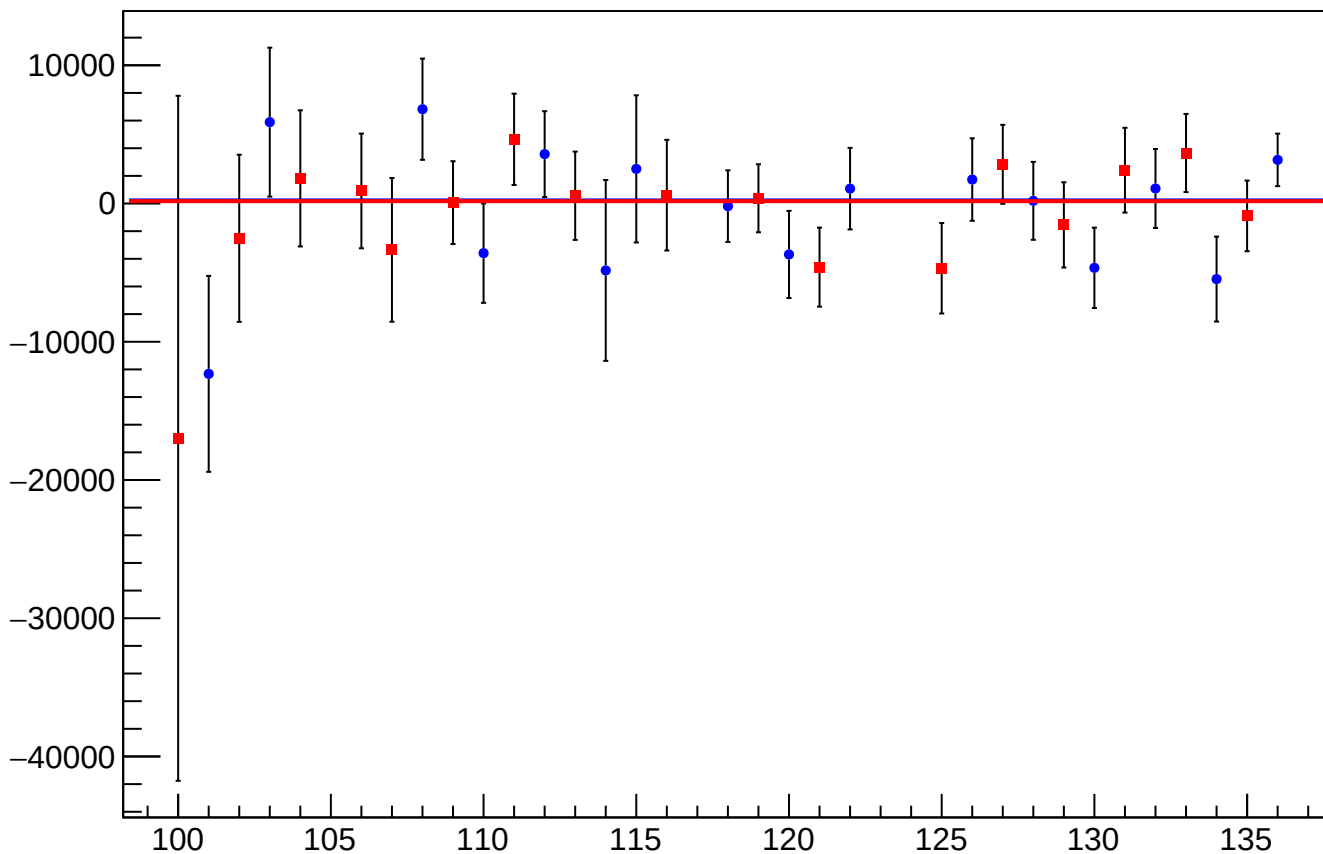
Right: 597.217 $\pm$ 0.121 χ^2 /NDF: 3930215.5/32

In: 582.268 $\pm$ 0.164 χ^2 /NDF:1754289.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 597.217 $\pm$ 0.121 χ^2 /NDF: 3930215.5/32

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: 169.323+/-810.474 χ^2/NDF : 11.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

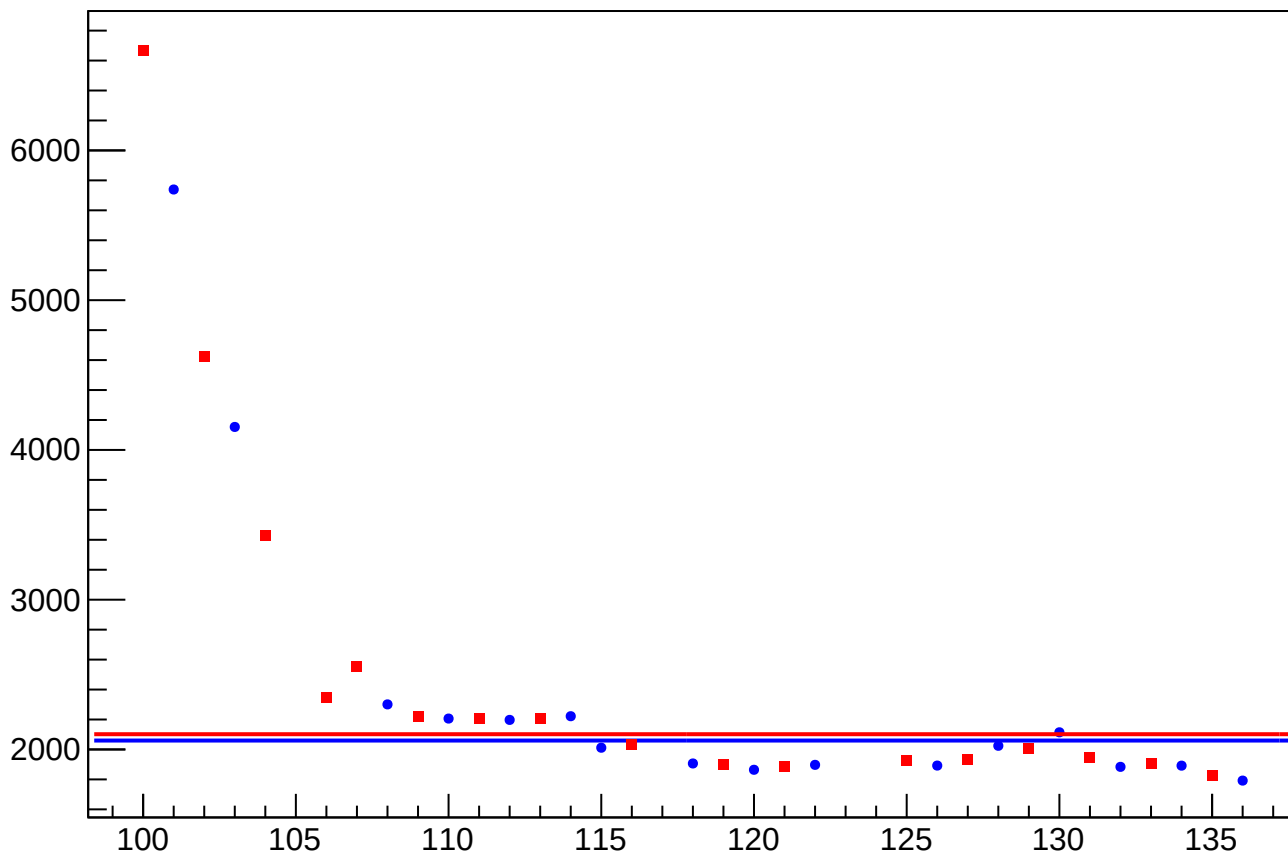
Right: 197.570+/-566.329 χ^2/NDF : 32.7/32

In: 224.521+/-791.678 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 197.570+/-566.329 χ^2/NDF : 32.7/32

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: 2101.821+/-0.573 χ^2/NDF : 669809.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

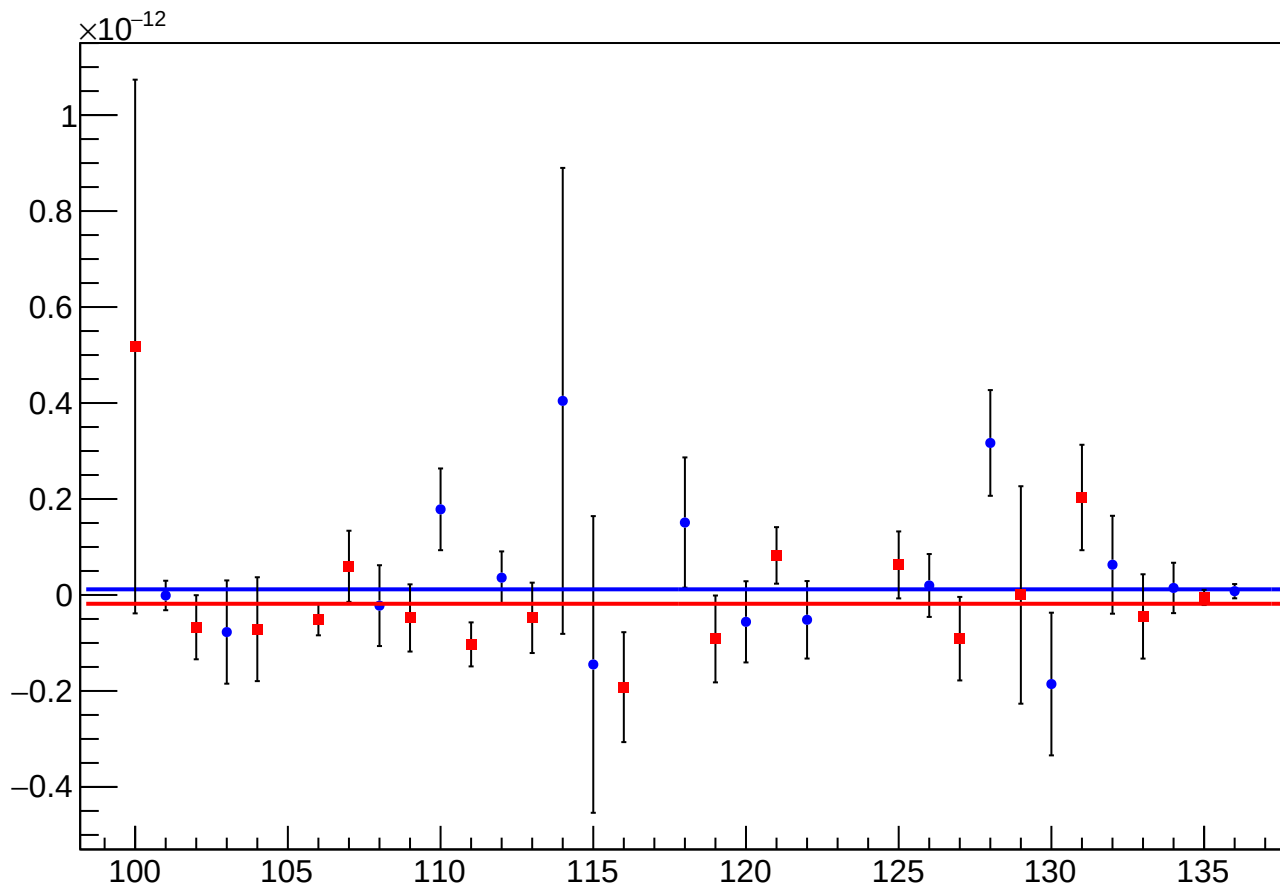
Right: 2080.162+/-0.400 χ^2/NDF : 1612474.2/32

In: 2059.496+/-0.560 χ^2/NDF : 939873.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2080.162+/-0.400 χ^2/NDF : 1612474.2/32

asym_us_avg_at1lr_avg_dd_reg_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 : 20.4/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

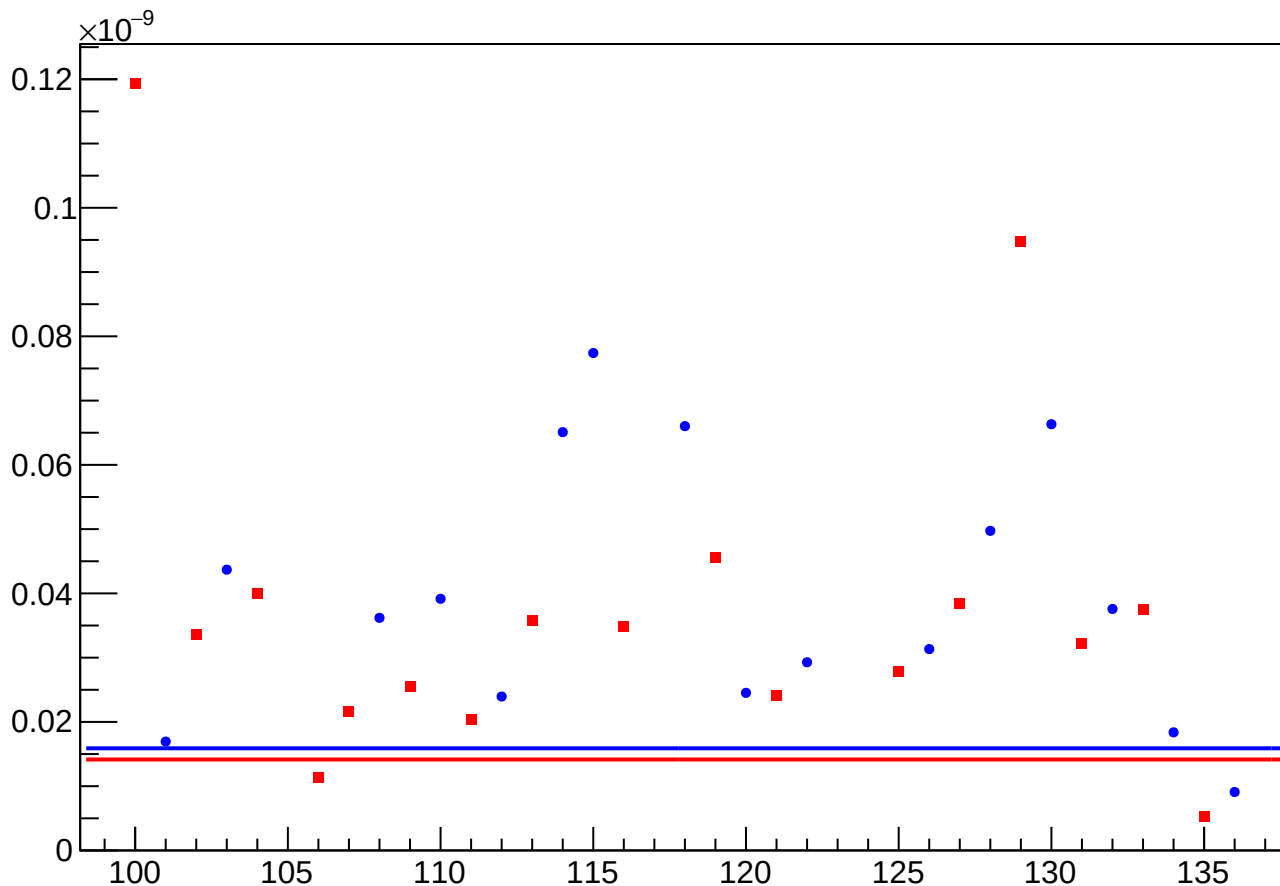
Right: -0.000 ± 0.000 χ^2/NDF : 41.8/32

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 : 41.8/32

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 : 2320853.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

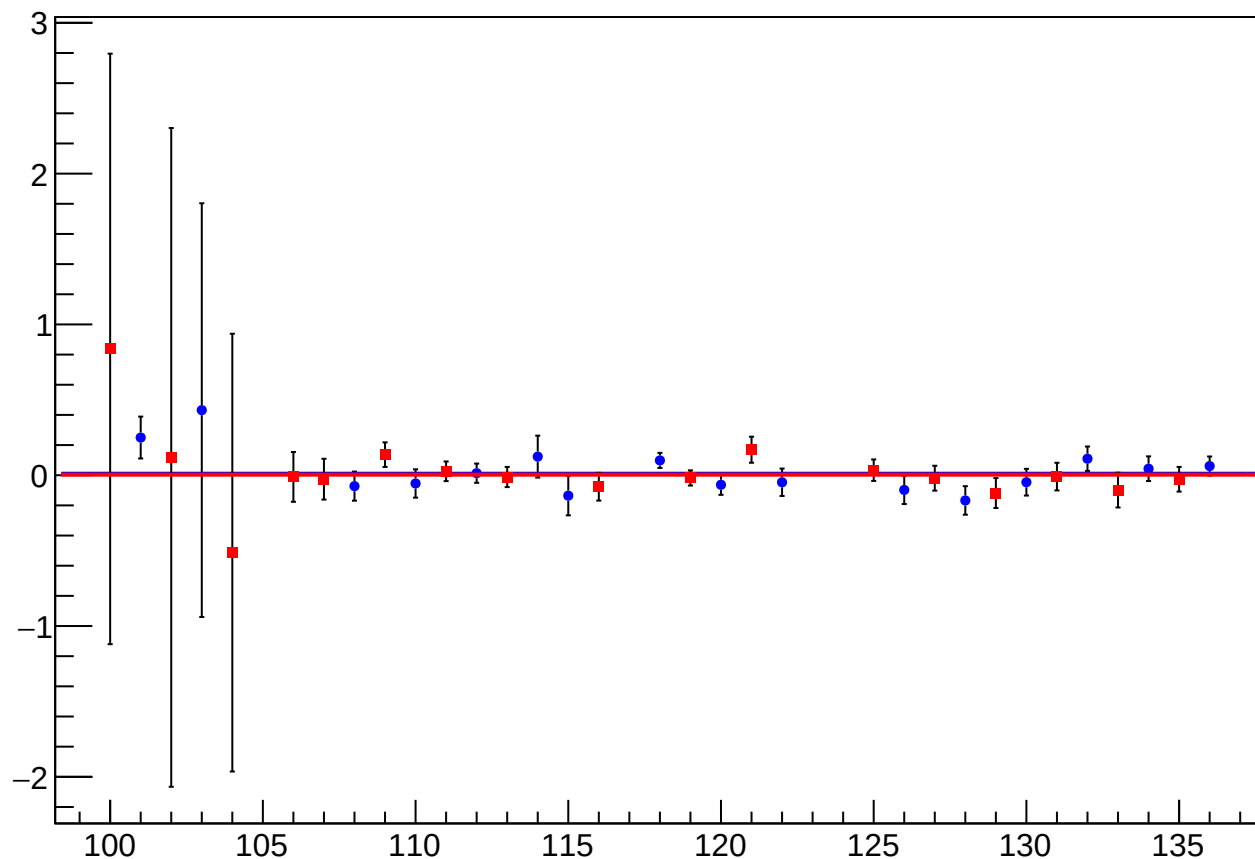
Right: 0.000+/-0.000 χ^2/NDF : 4278874.2/32

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 : 4278874.2/32

asym_us_avg_at1lr_avg_dd_dit_vs_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 $\pm$ 0.022 χ^2 /NDF: 10.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

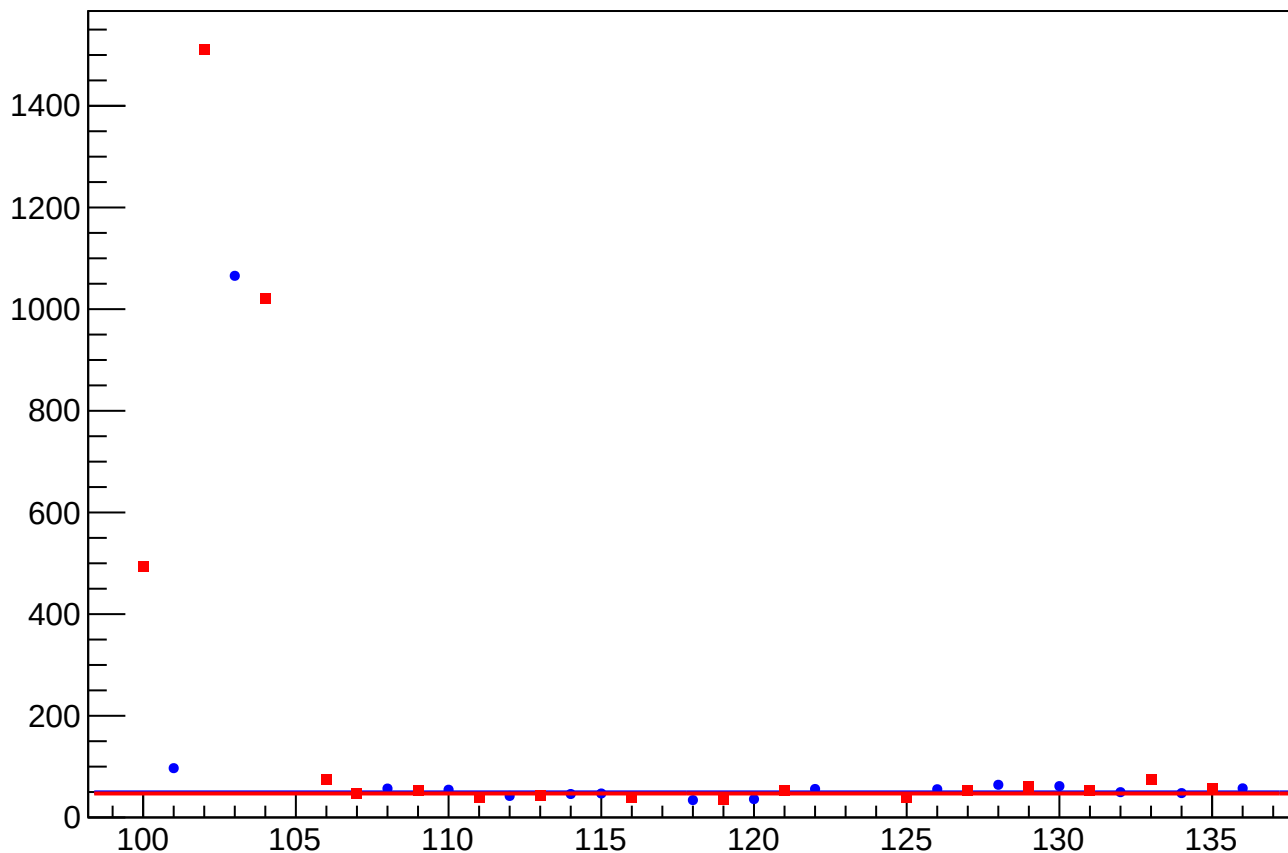
Right: 0.007 $\pm$ 0.015 χ^2 /NDF: 29.0/32

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: 29.0/32

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: 47.154+/-0.015 χ^2/NDF : 2352194.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

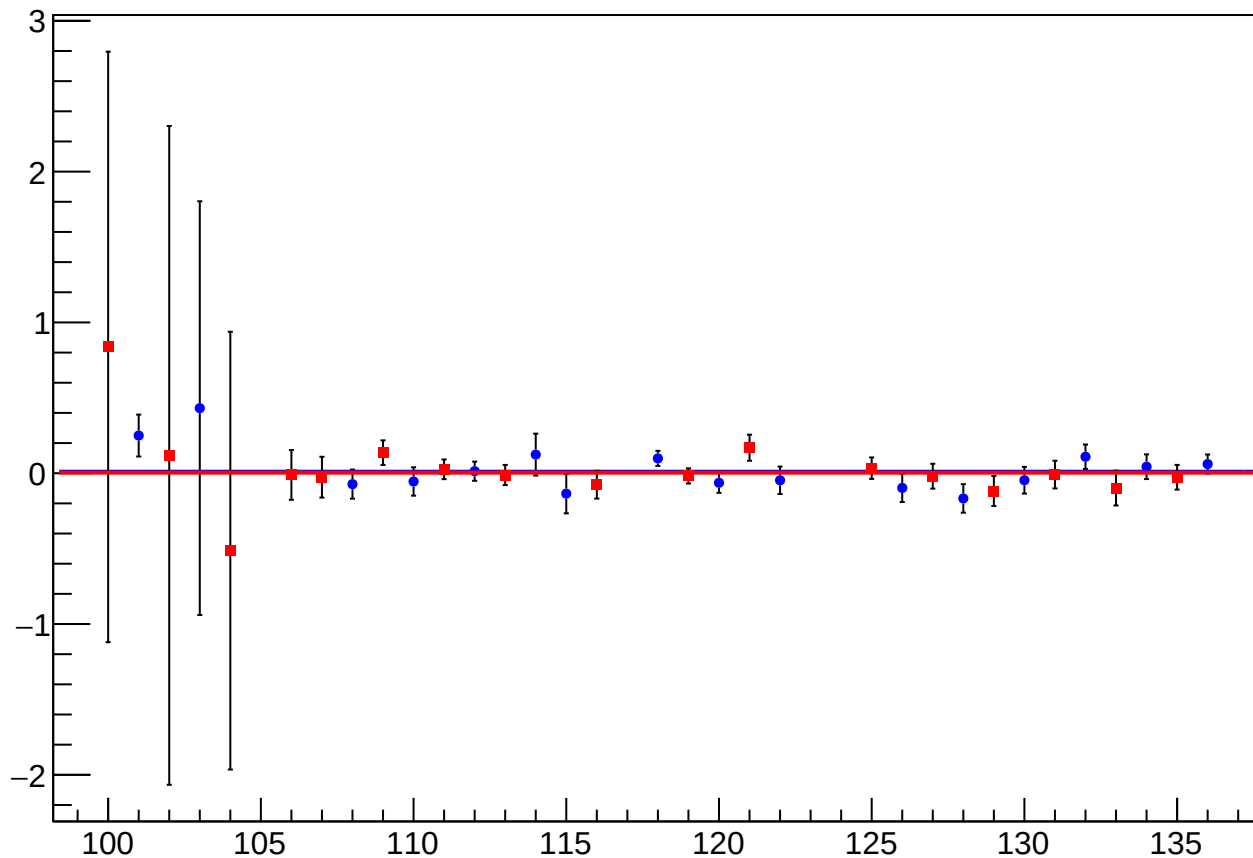
Right: 48.278+/-0.011 χ^2/NDF : 4139656.4/32

In: 49.333+/-0.015 χ^2/NDF : 1776998.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.278+/-0.011 χ^2/NDF : 4139656.4/32

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 $\pm$ 0.022 χ^2/NDF : 10.5/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

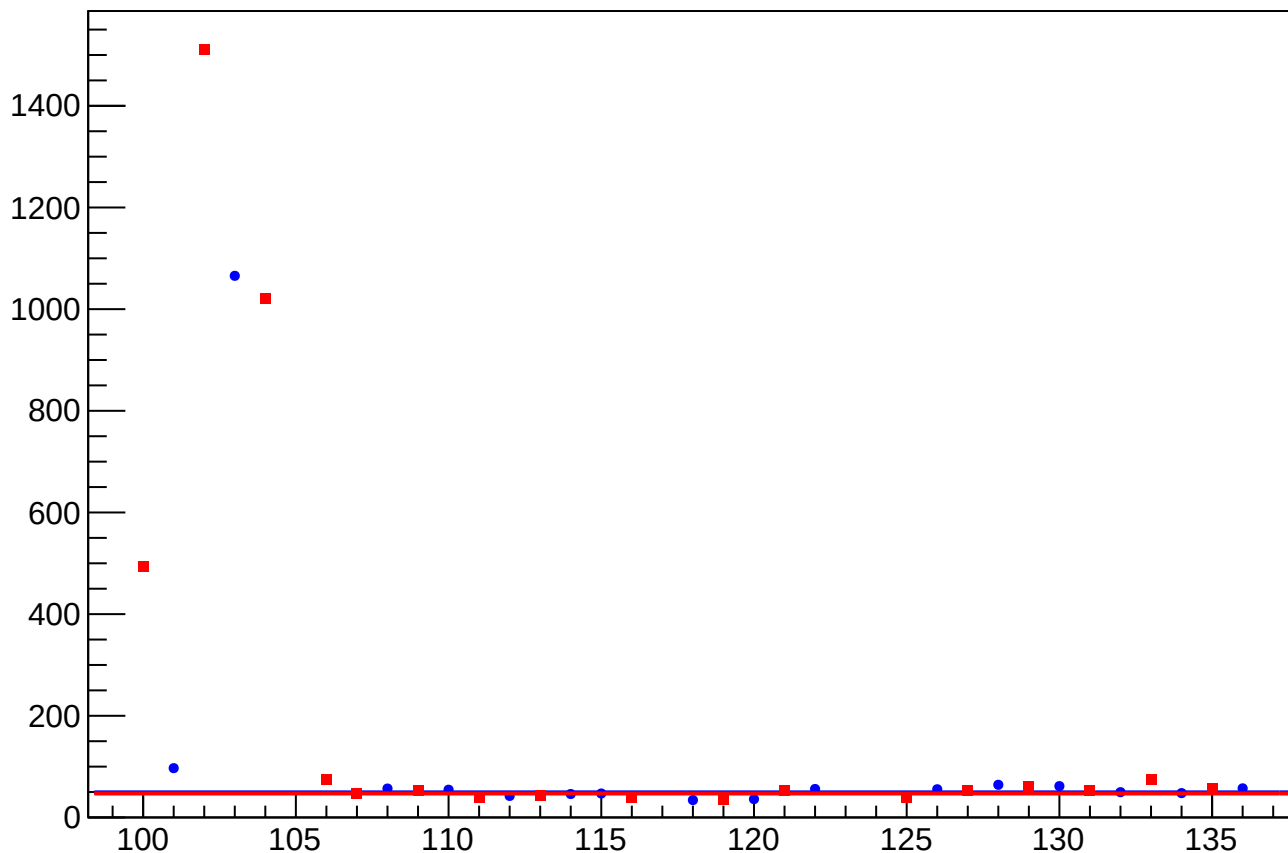
Right: 0.007 $\pm$ 0.015 χ^2/NDF : 29.0/32

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 : 29.0/32

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: 47.154+/-0.015 χ^2/NDF : 2352194.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

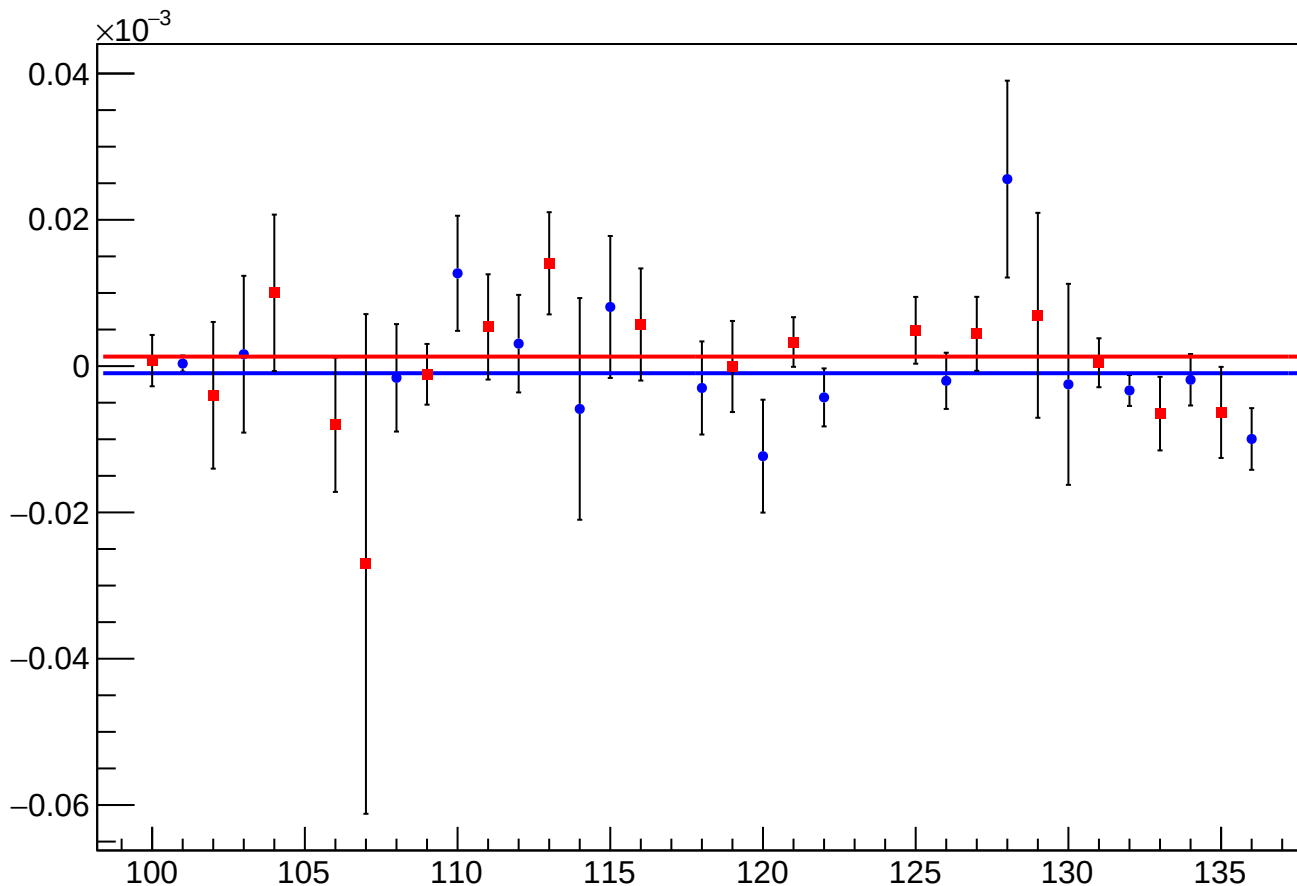
Right: 48.278+/-0.011 χ^2/NDF : 4139656.4/32

In: 49.333+/-0.015 χ^2/NDF : 1776998.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.278+/-0.011 χ^2/NDF : 4139656.4/32

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: 12.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

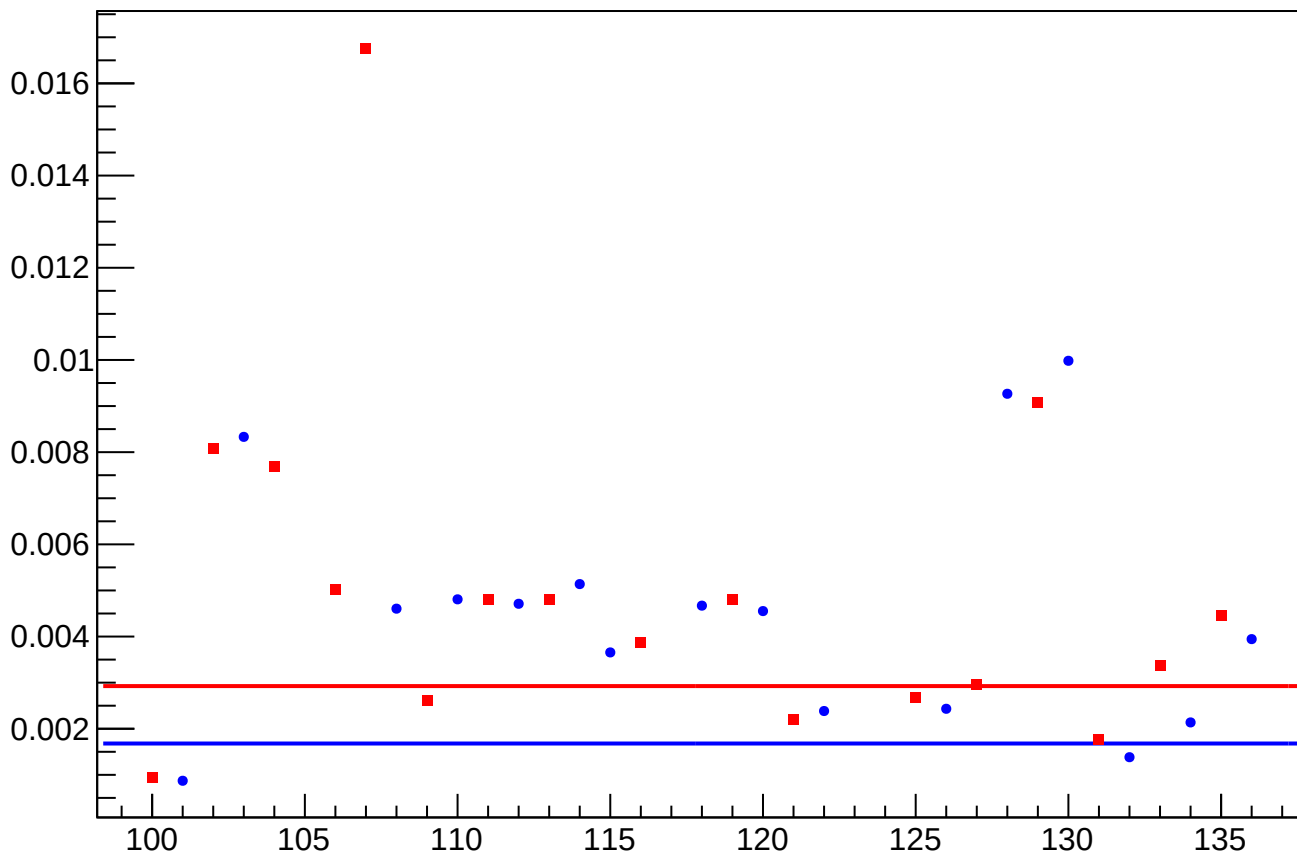
Right: -0.000+/-0.000 χ^2 /NDF: 33.3/32

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: 33.3/32

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 : 3360740.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

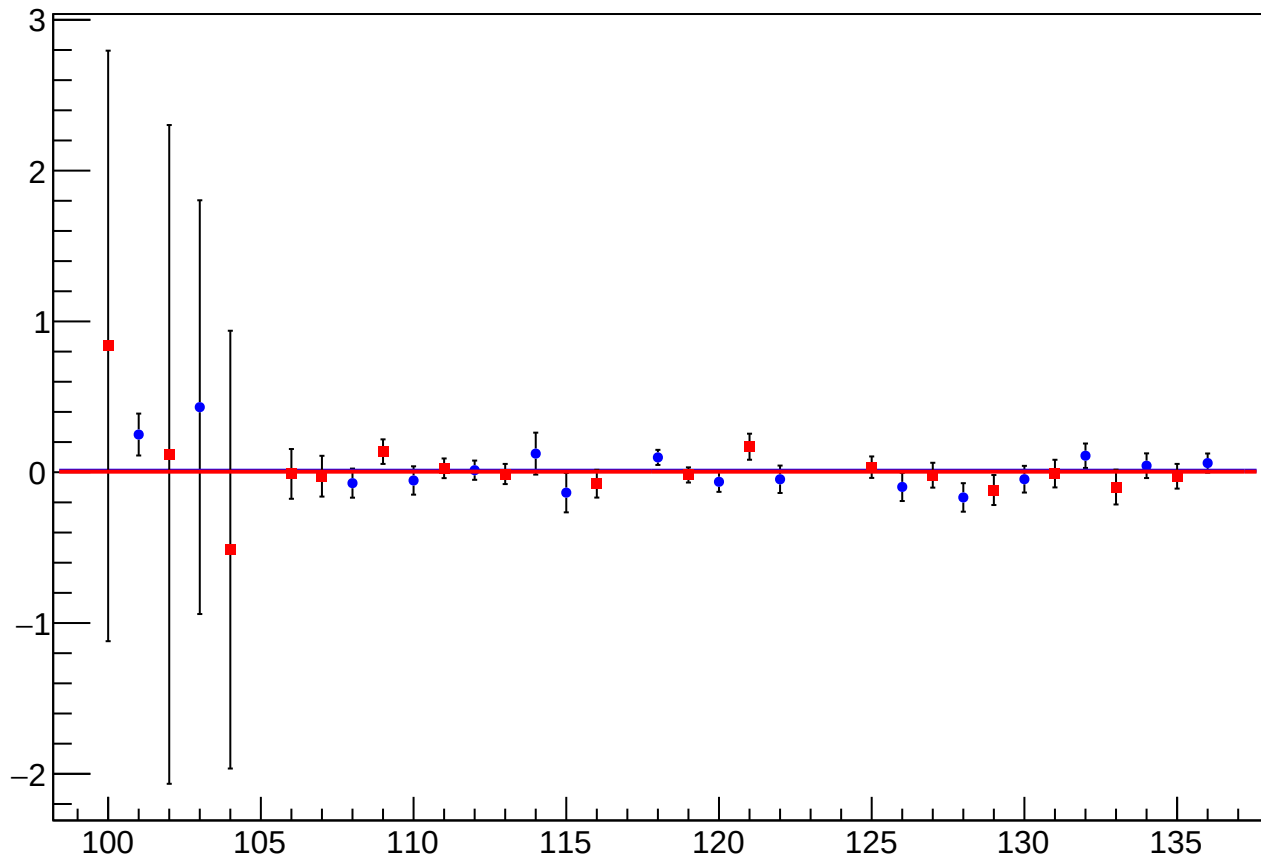
Right: 0.002+/-0.000 χ^2/NDF : 10618562.1/32

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 : 10618562.1/32

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+/-0.022 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

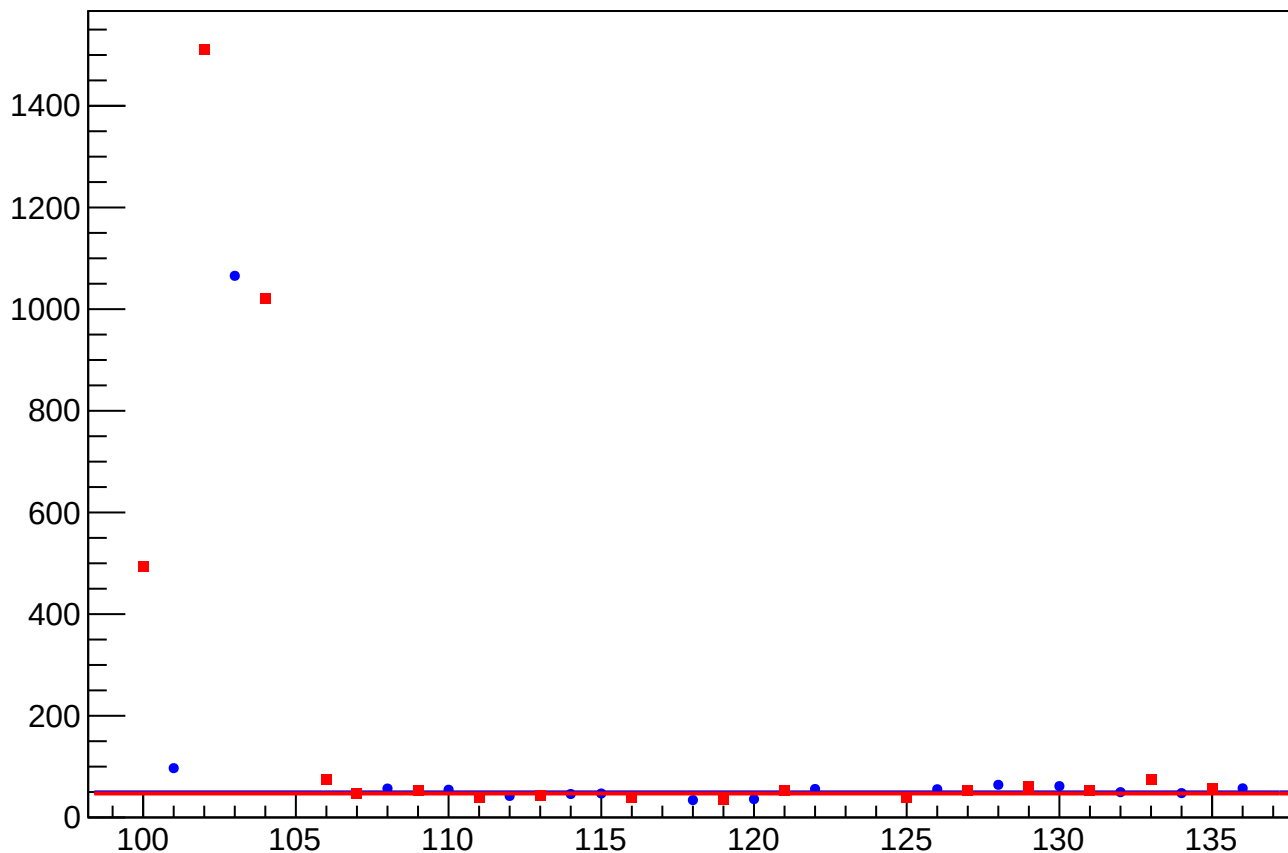
Right: 0.007+/-0.015 χ^2/NDF : 29.0/32

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 : 29.0/32

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: 47.154+/-0.015 χ^2/NDF : 2352225.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

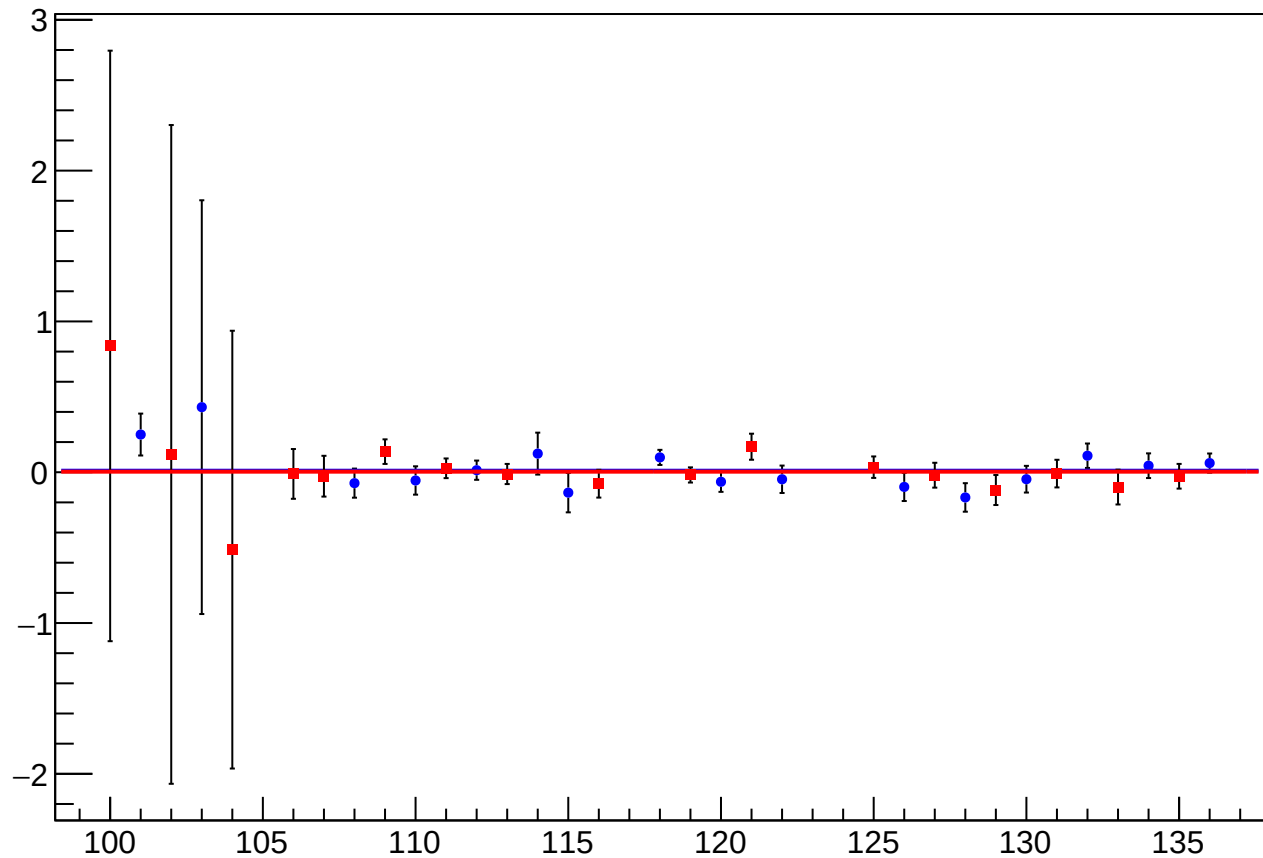
Right: 48.278+/-0.011 χ^2/NDF : 4139628.0/32

In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.278+/-0.011 χ^2/NDF : 4139628.0/32

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+/-0.022 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

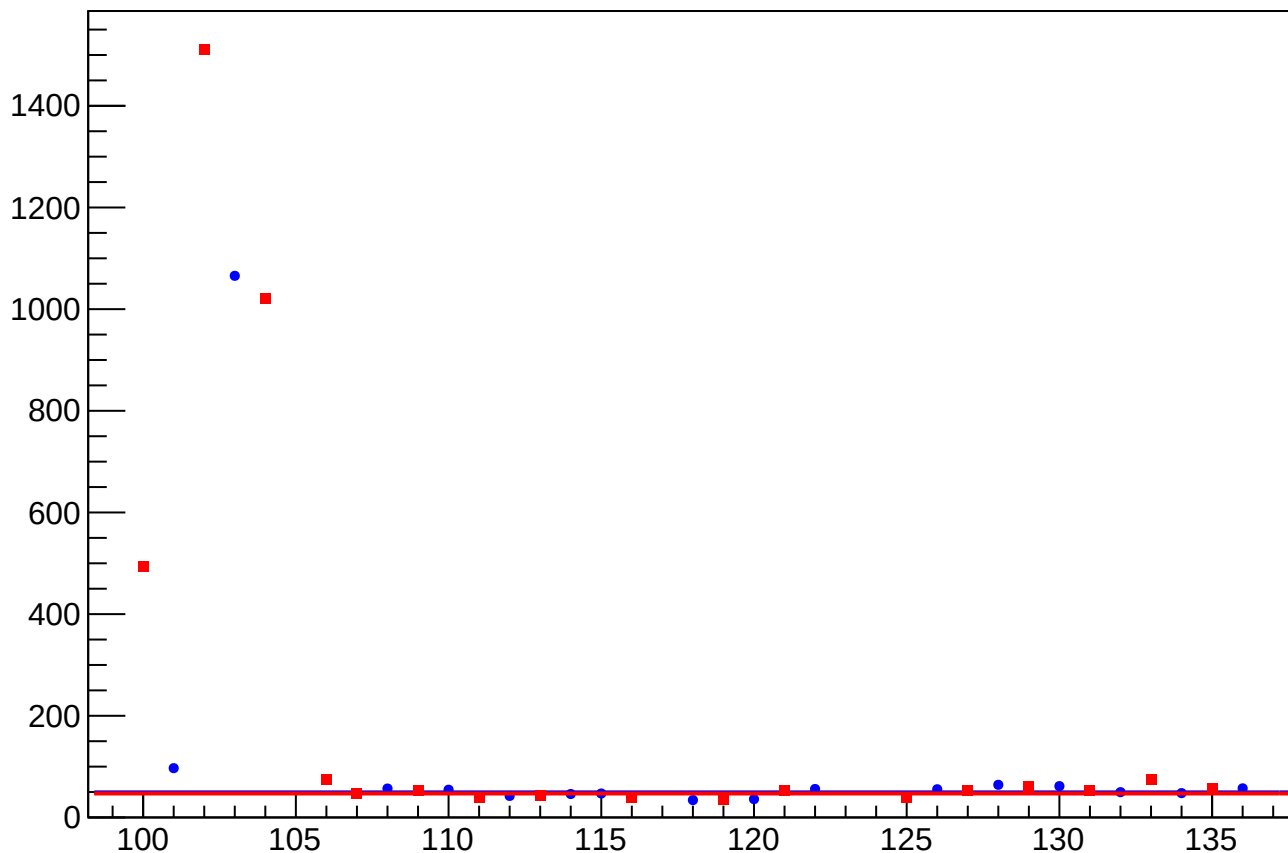
Right: 0.007+/-0.015 χ^2/NDF : 29.0/32

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 : 29.0/32

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: 47.154+/-0.015 χ^2/NDF : 2352225.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

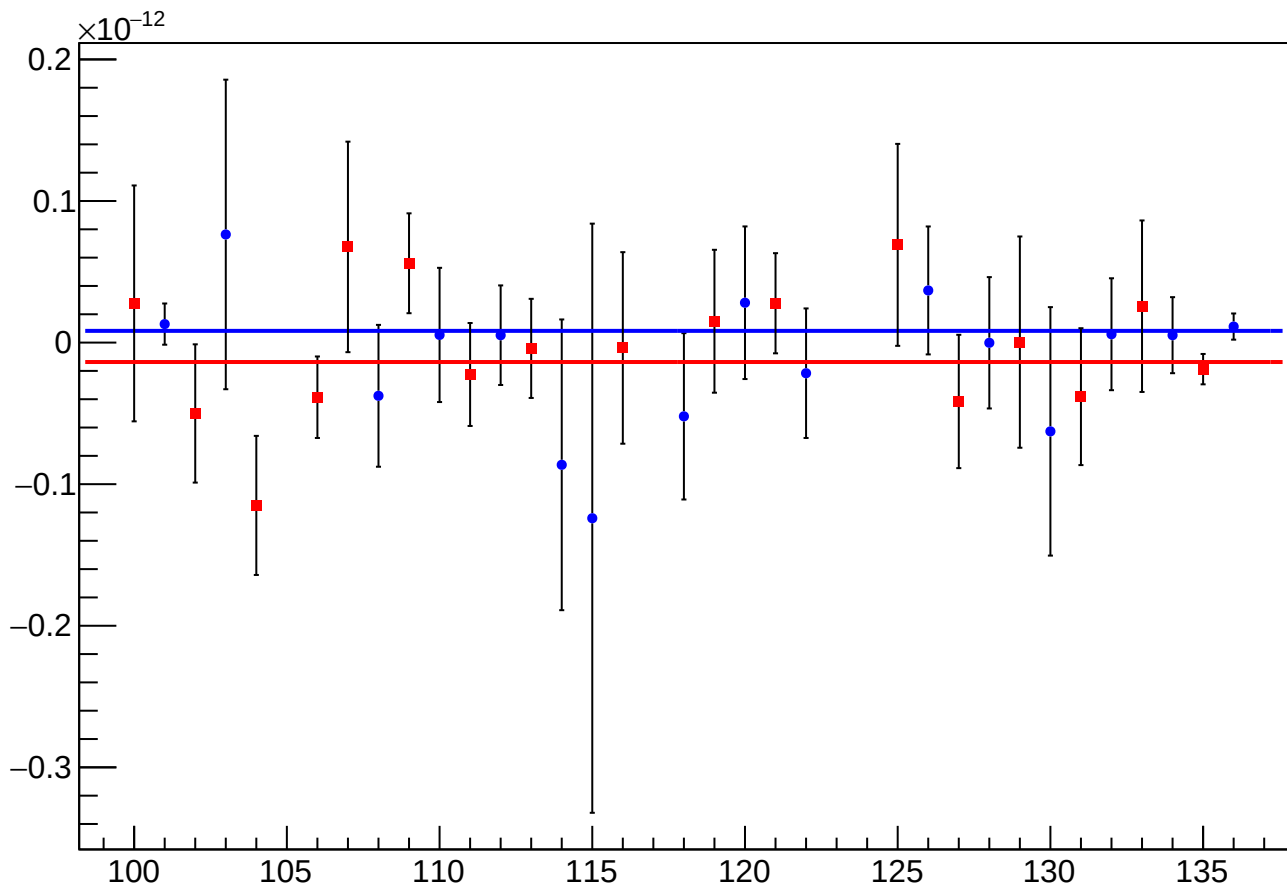
Right: 48.278+/-0.011 χ^2/NDF : 4139628.0/32

In: 49.333+/-0.015 χ^2/NDF : 1776926.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.278+/-0.011 χ^2/NDF : 4139628.0/32

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 : 15.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

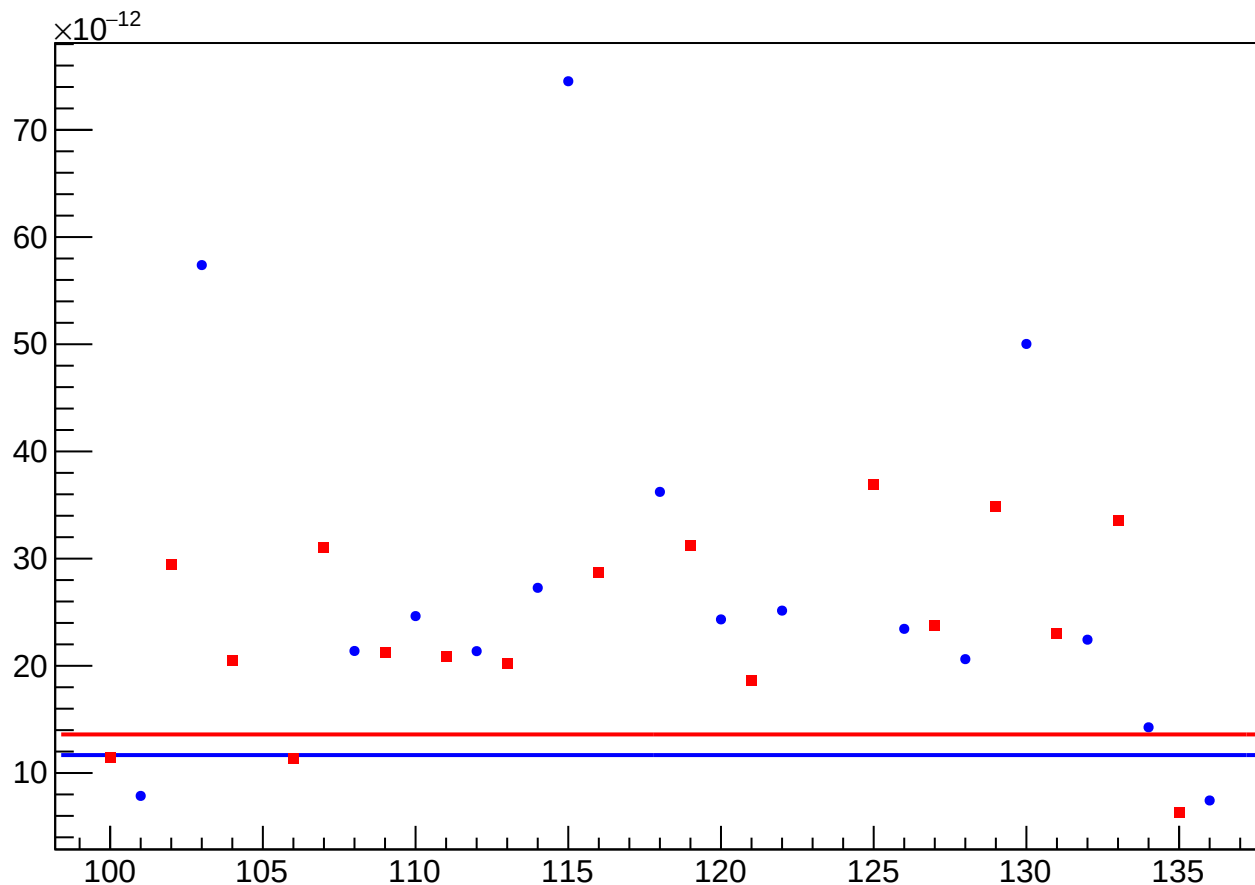
Right: -0.000+/-0.000 χ^2/NDF : 25.4/32

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 : 25.4/32

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 : 2694839.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

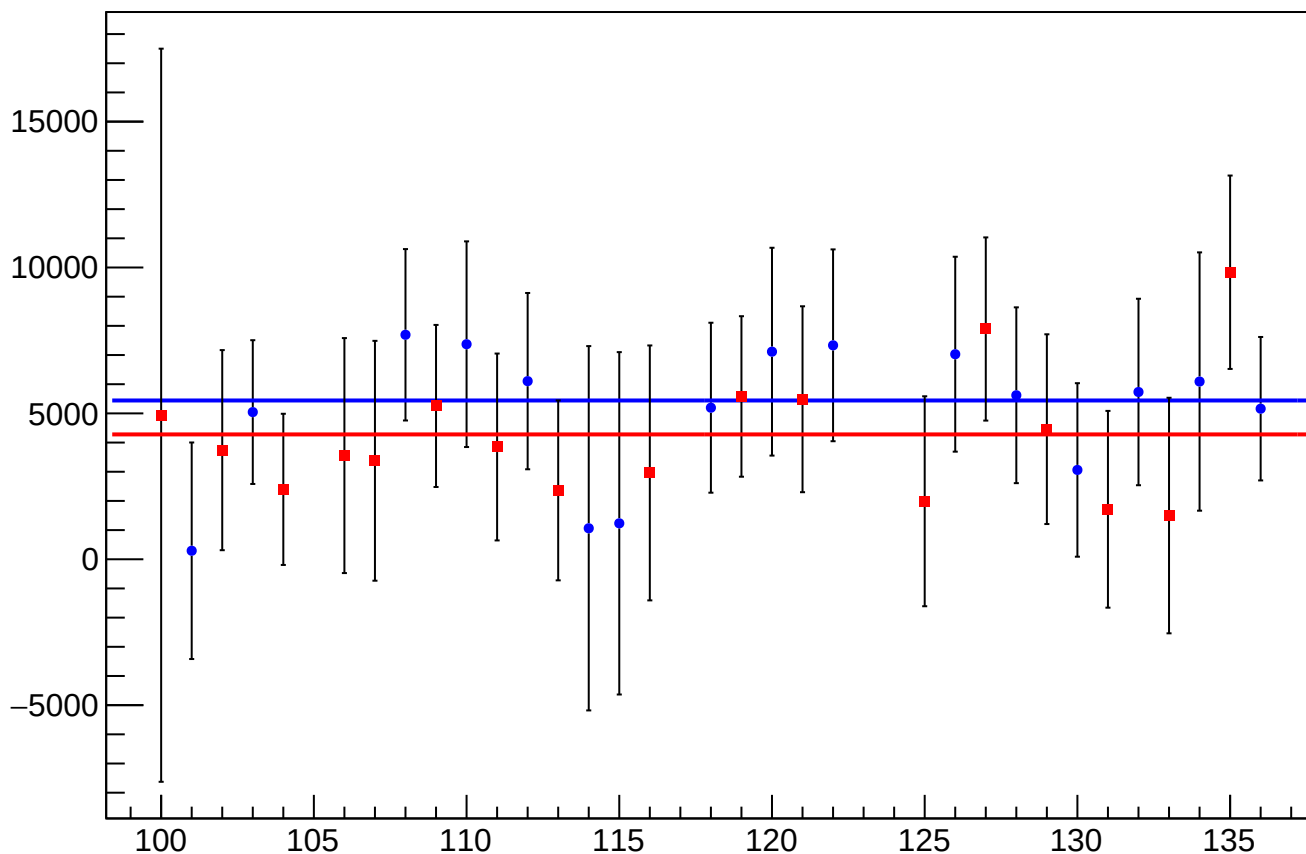
Right: 0.000+/-0.000 χ^2/NDF : 5670379.5/32

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 : 5670379.5/32

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: 4279.278+/-819.143 χ^2/NDF : 7.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

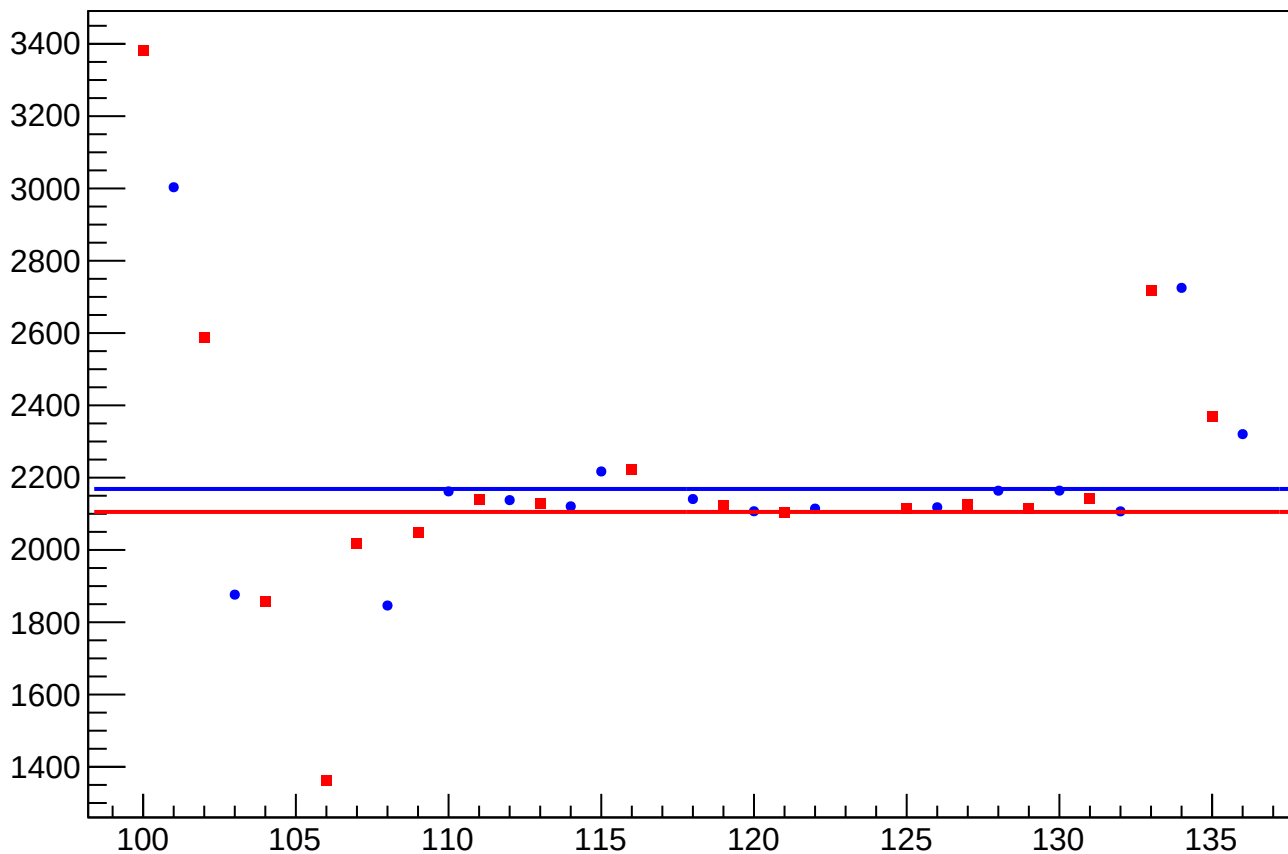
Right: 4865.518+/-576.871 χ^2/NDF : 13.6/32

In: 5442.336+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4865.518+/-576.871 χ^2/NDF : 13.6/32

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: 2105.166+/-0.570 χ^2/NDF : 263911.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

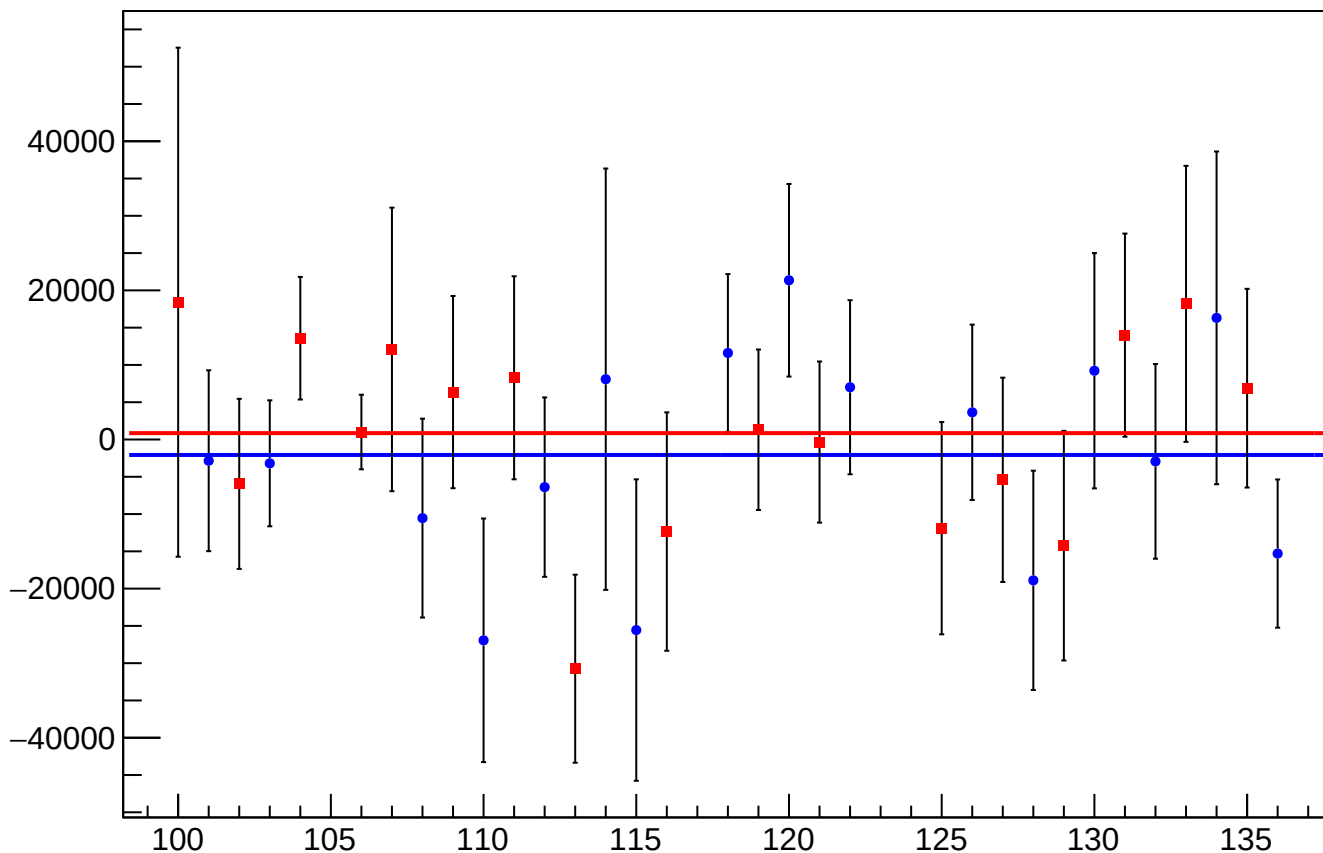
Right: 2136.677+/-0.405 χ^2/NDF : 465739.3/32

In: 2168.715+/-0.575 χ^2/NDF : 195659.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2136.677+/-0.405 χ^2/NDF : 465739.3/32

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: 853.416+/-2738.644 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

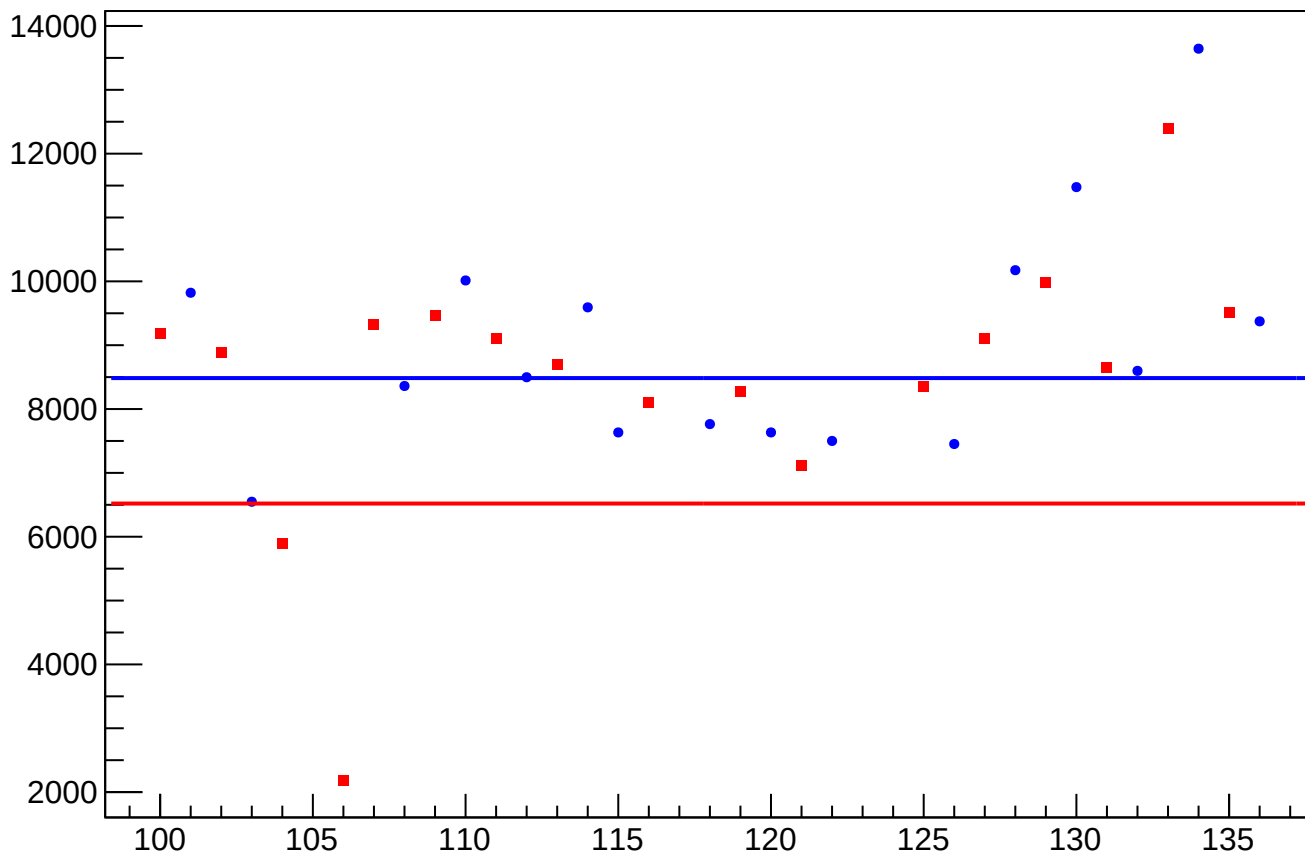
Right: -379.203+/-2084.000 χ^2/NDF : 29.7/32

In: -2074.843+/-3212.093 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -379.203+/-2084.000 χ^2/NDF : 29.7/32

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: 6519.816+/-1.937 χ^2/NDF : 2530867.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

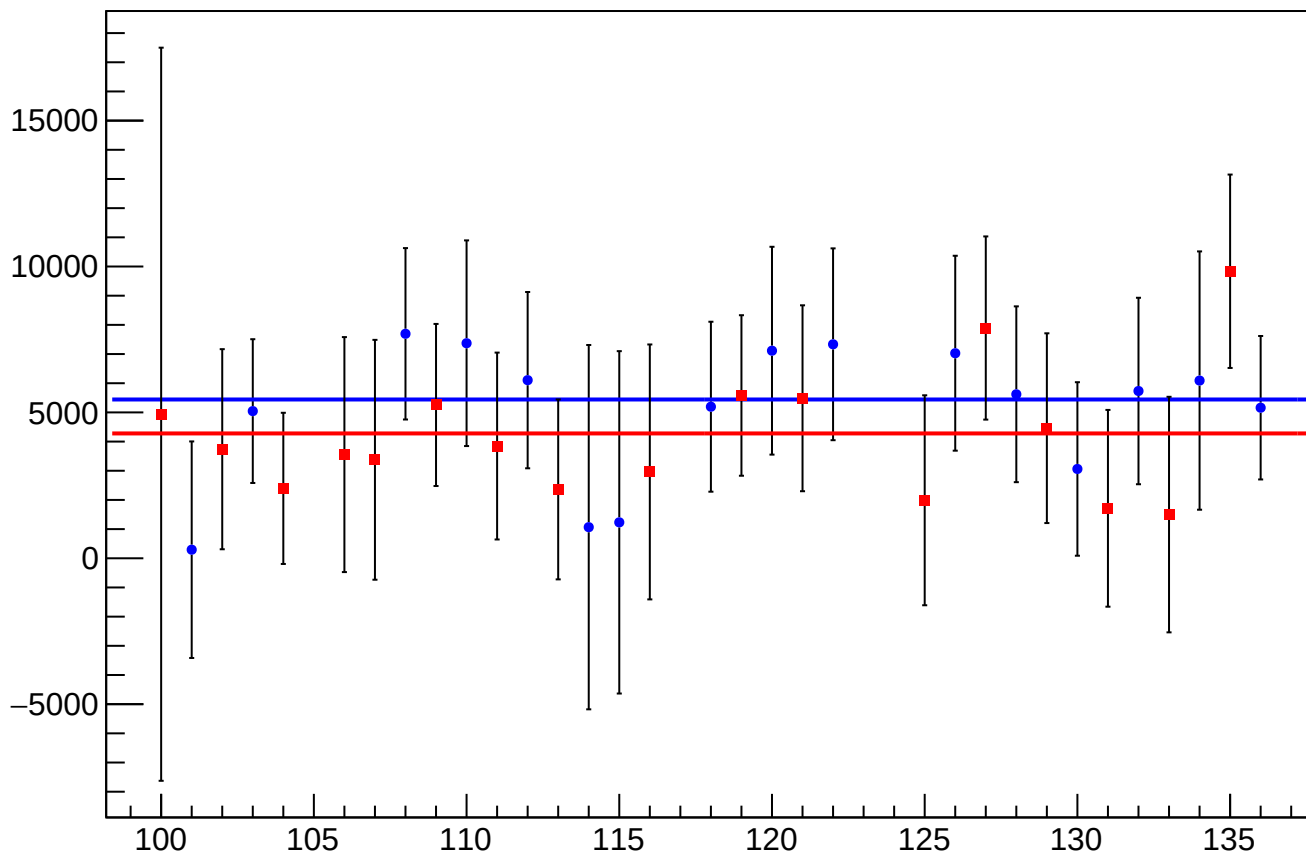
Right: 7347.039+/-1.474 χ^2/NDF : 3387068.5/32

In: 8485.000+/-2.271 χ^2/NDF : 422706.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7347.039+/-1.474 χ^2/NDF : 3387068.5/32

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: 4278.977+/-819.143 χ^2/NDF : 7.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

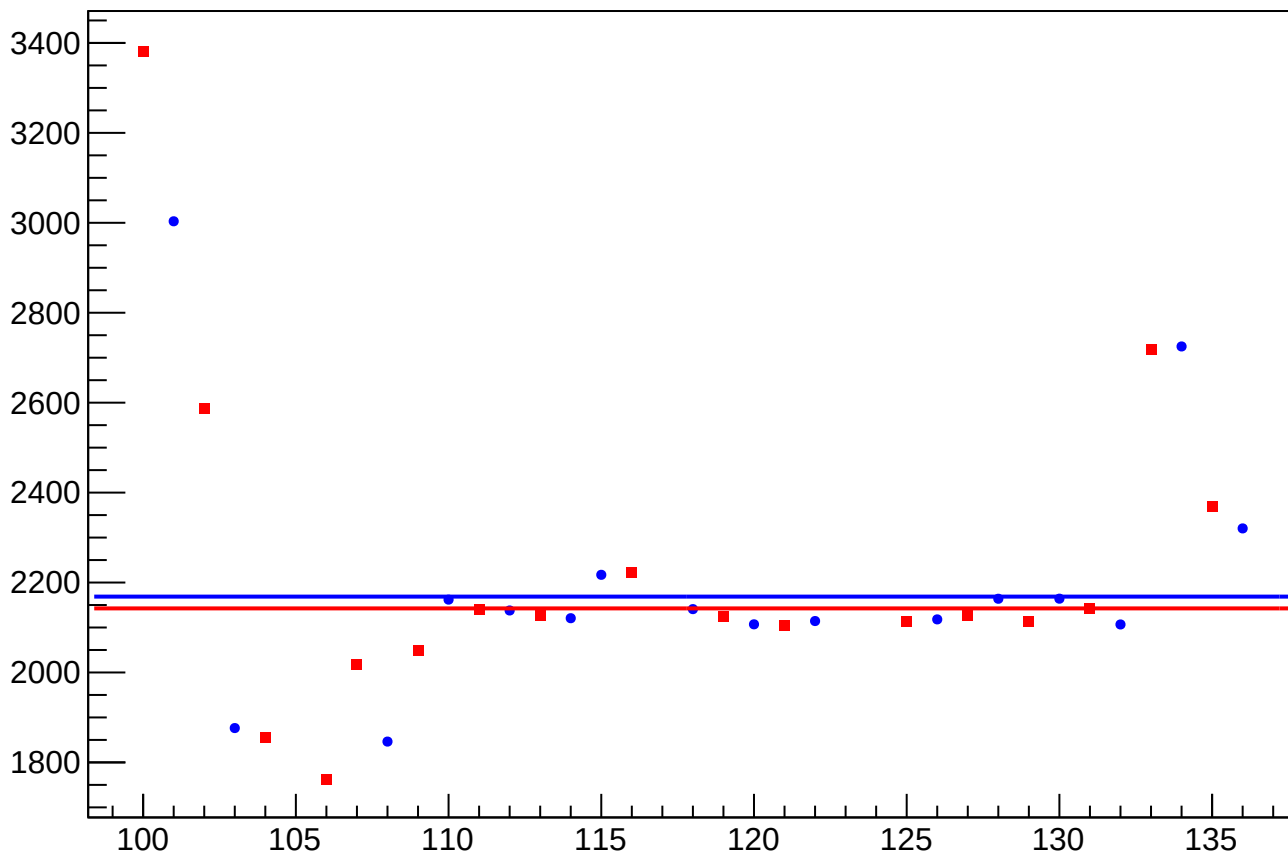
Right: 4865.440+/-576.871 χ^2/NDF : 13.6/32

In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4865.440+/-576.871 χ^2/NDF : 13.6/32

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: 2142.479+/-0.576 χ^2/NDF : 155343.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

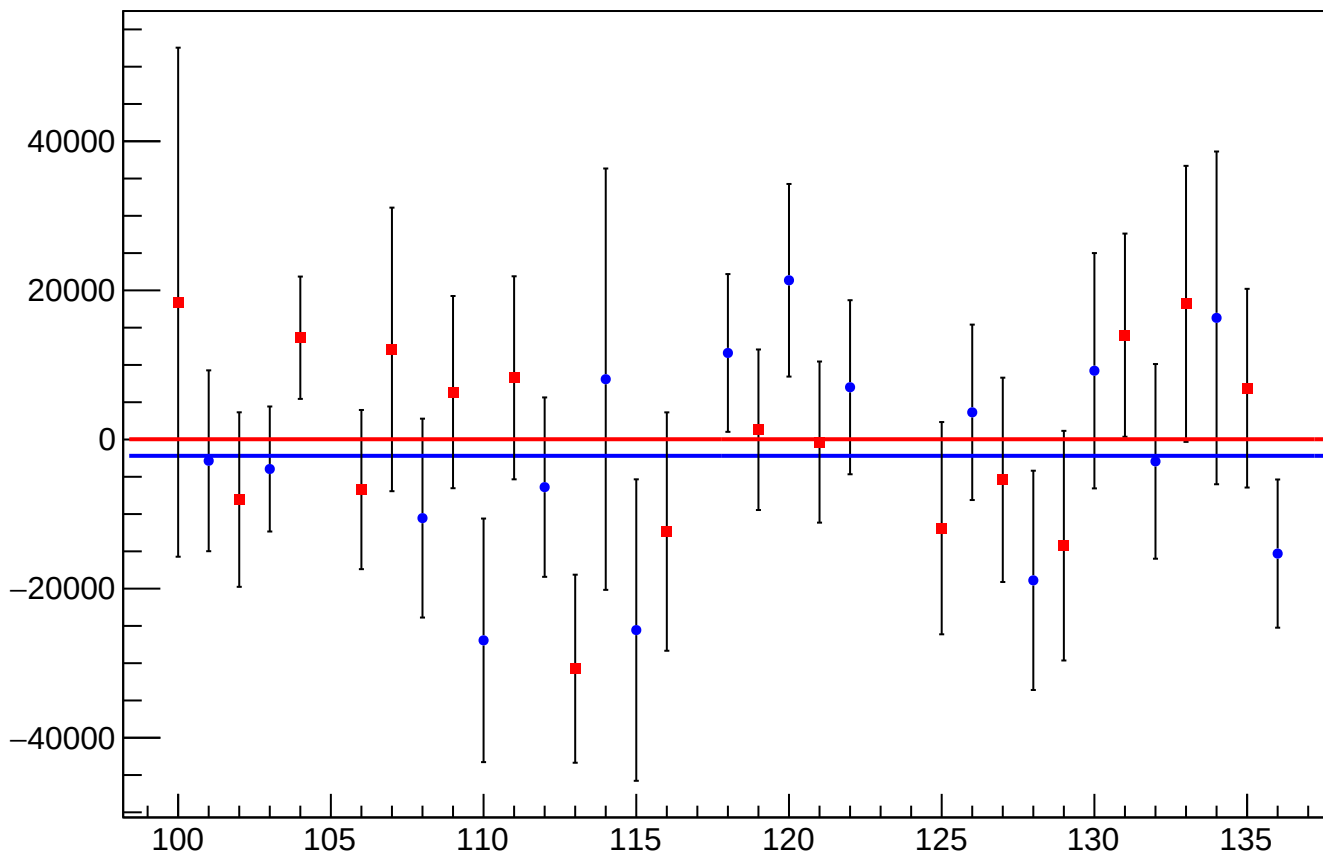
Right: 2155.637+/-0.407 χ^2/NDF : 352042.9/32

In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.637+/-0.407 χ^2/NDF : 352042.9/32

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: 35.431+/-3134.385 χ^2/NDF : 15.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

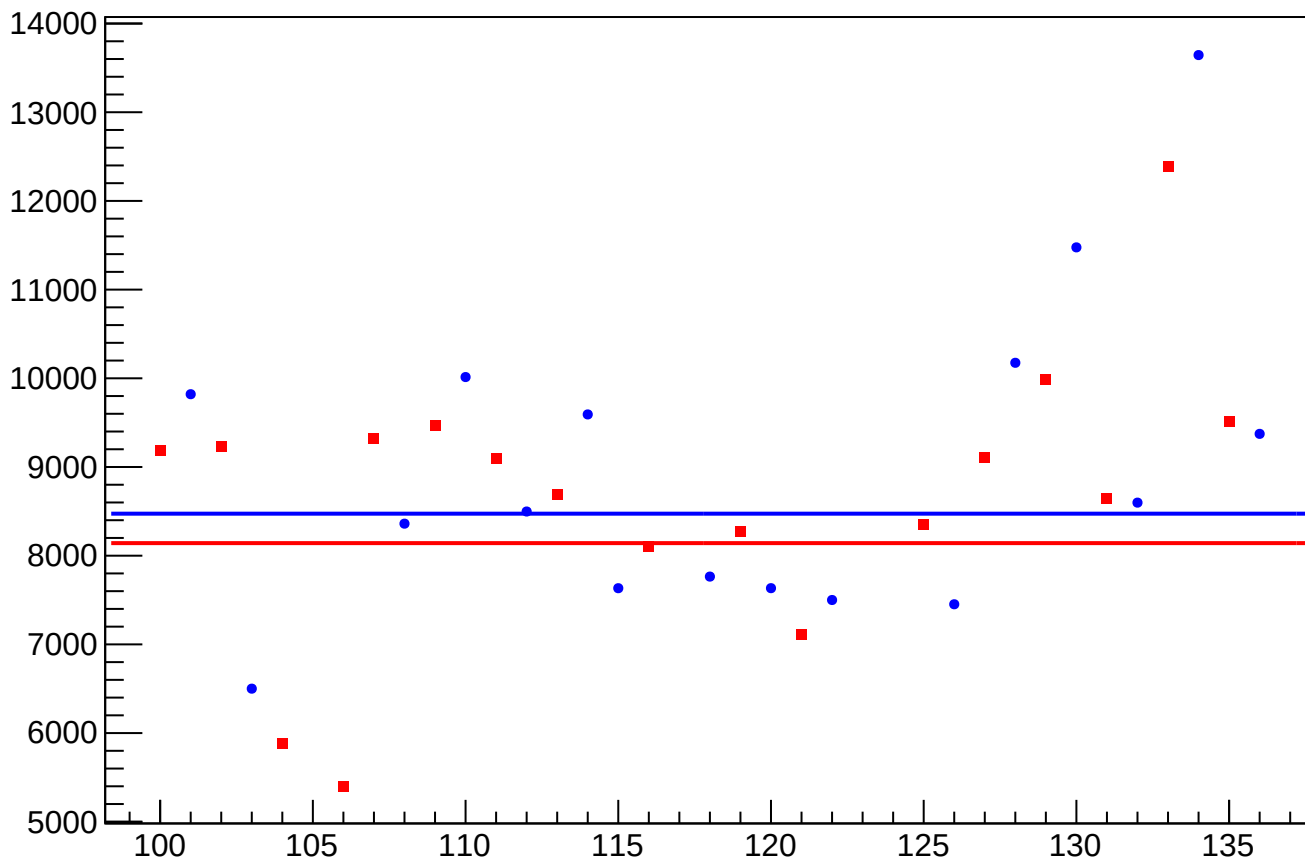
Right: -1050.913+/-2242.097 χ^2/NDF : 30.2/32

In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1050.913+/-2242.097 χ^2/NDF : 30.2/32

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: 8141.751+/-2.216 χ^2/NDF : 532476.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

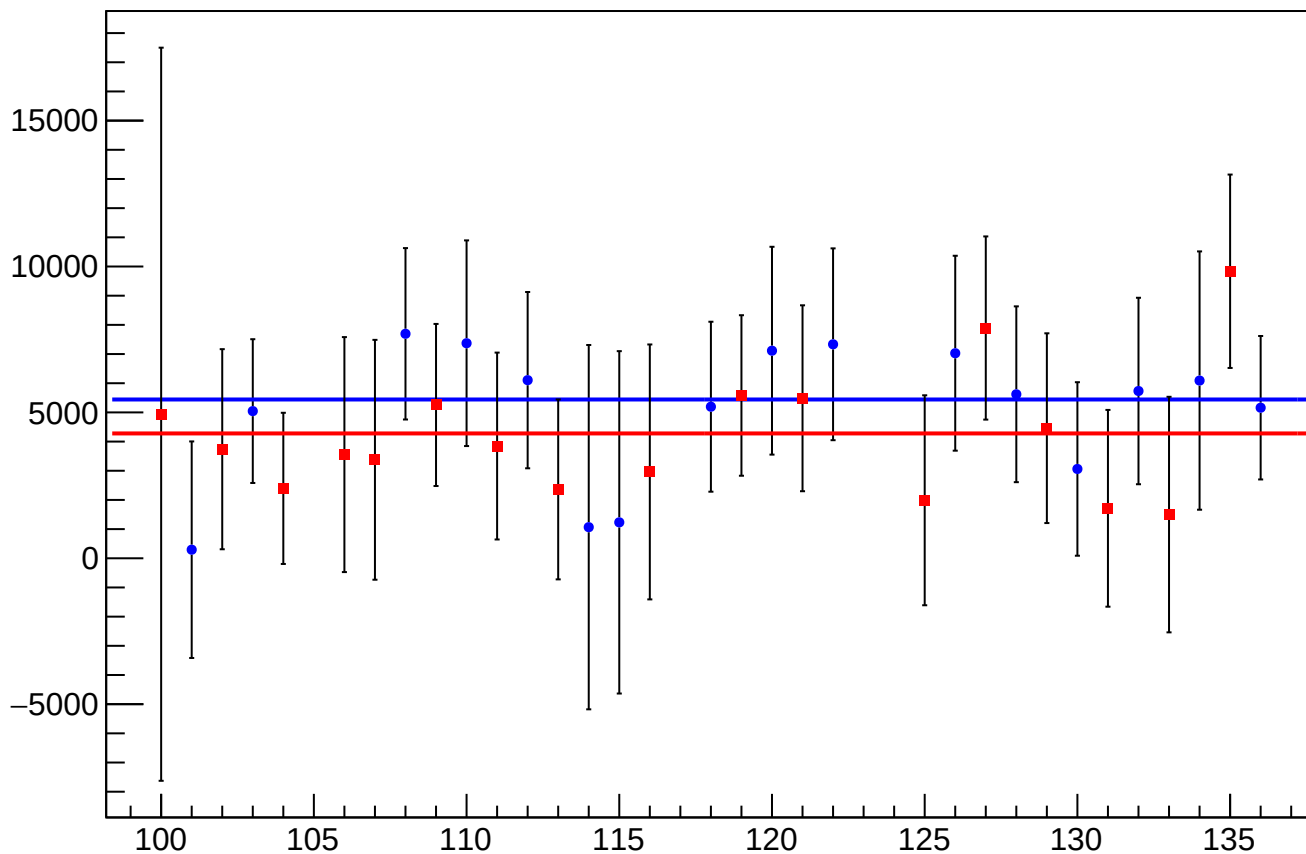
Right: 8303.867+/-1.585 χ^2/NDF : 972980.2/32

In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8303.867+/-1.585 χ^2/NDF : 972980.2/32

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: 4278.977+/-819.143 χ^2/NDF : 7.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

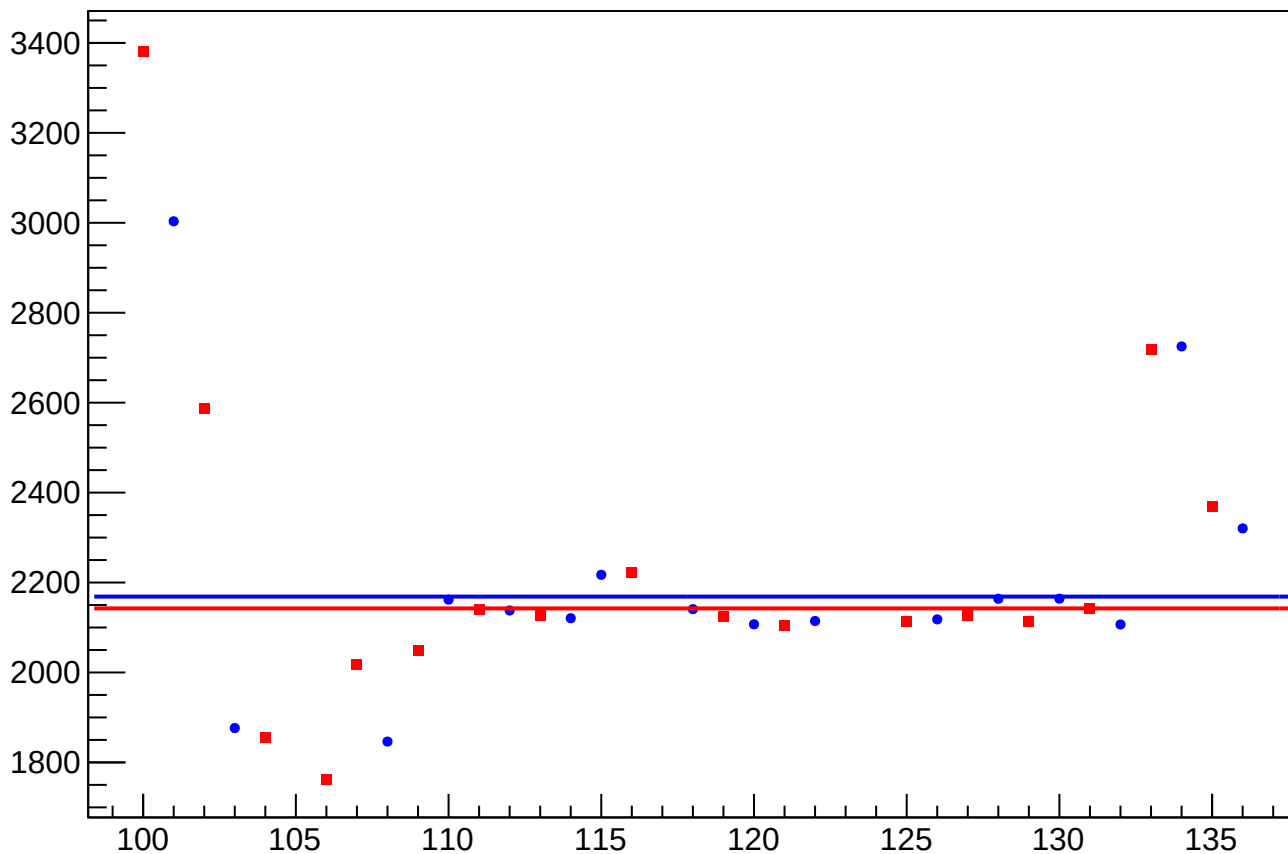
Right: 4865.440+/-576.871 χ^2/NDF : 13.6/32

In: 5442.478+/-812.534 χ^2/NDF : 5.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4865.440+/-576.871 χ^2/NDF : 13.6/32

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: 2142.479+/-0.576 χ^2/NDF : 155343.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

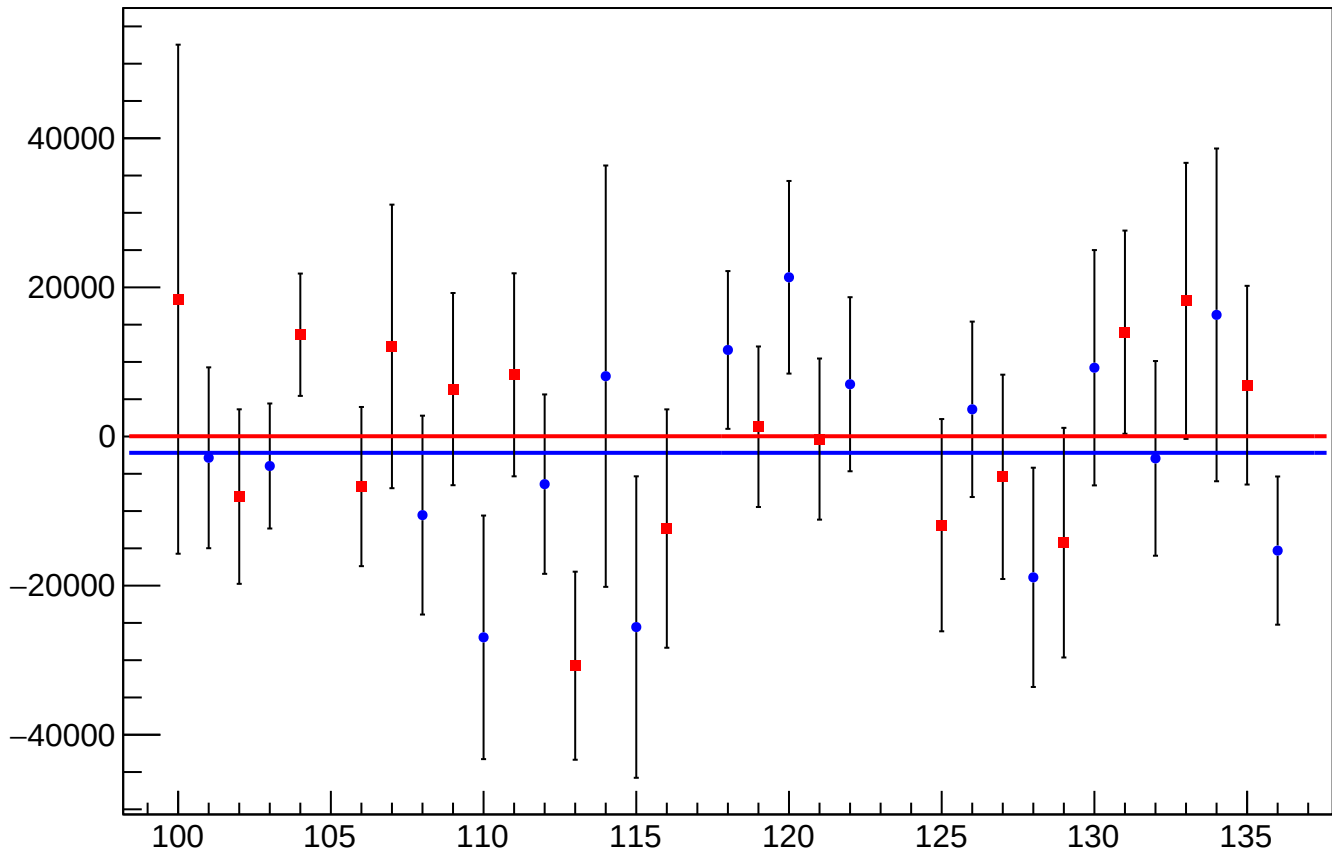
Right: 2155.637+/-0.407 χ^2/NDF : 352042.9/32

In: 2168.715+/-0.575 χ^2/NDF : 195659.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2155.637+/-0.407 χ^2/NDF : 352042.9/32

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: 35.431+/-3134.385 χ^2/NDF : 15.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

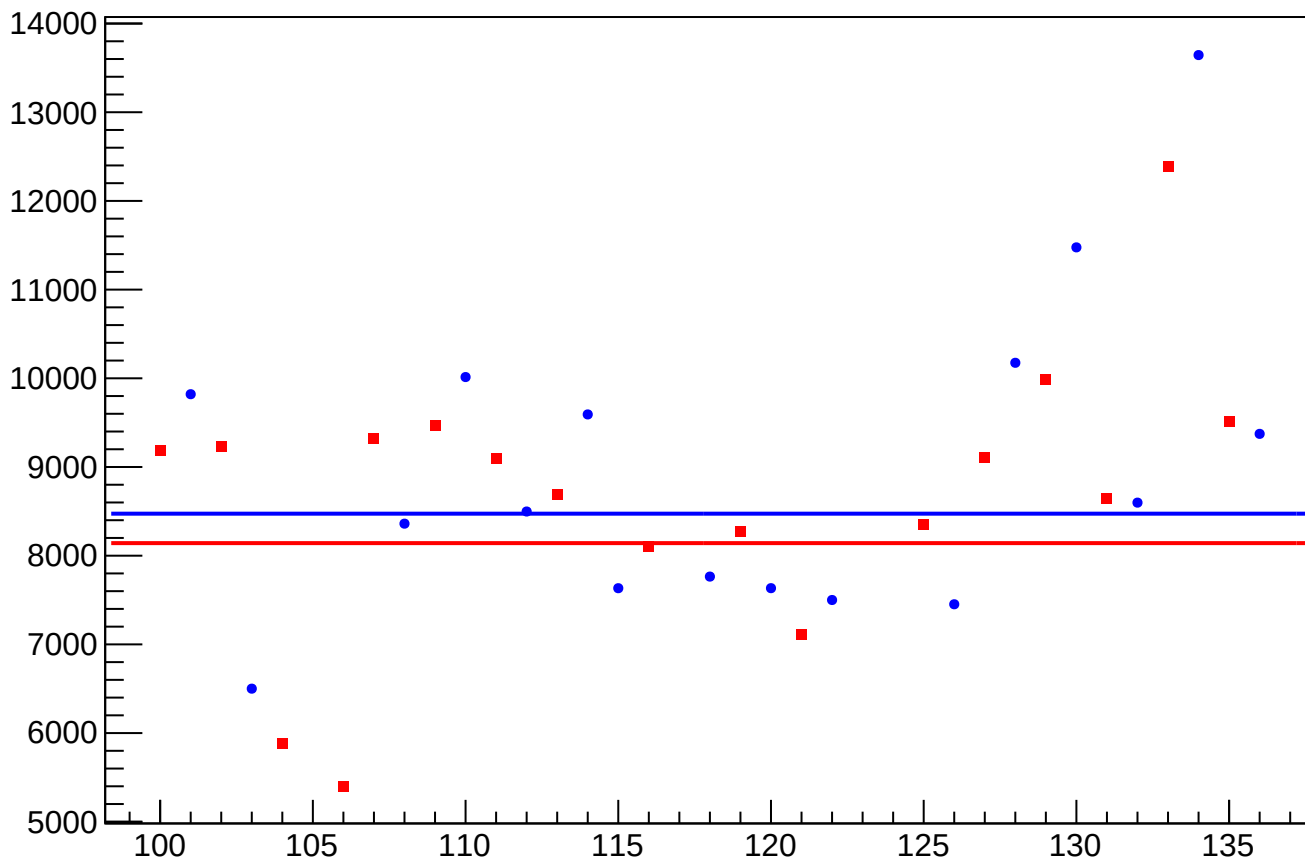
Right: -1050.913+/-2242.097 χ^2/NDF : 30.2/32

In: -2189.256+/-3208.524 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1050.913+/-2242.097 χ^2/NDF : 30.2/32

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: 8141.751+/-2.216 χ^2/NDF : 532476.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

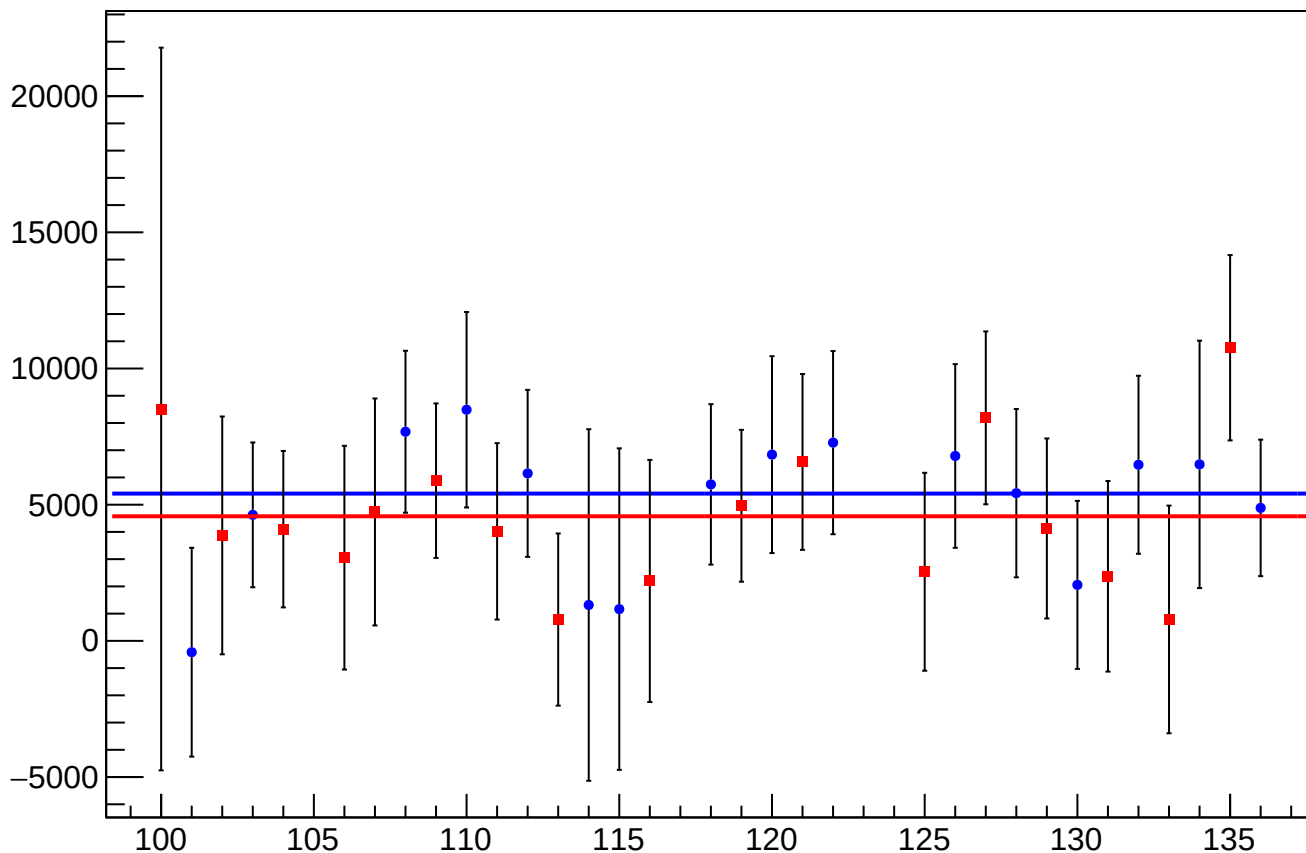
Right: 8303.867+/-1.585 χ^2/NDF : 972980.2/32

In: 8473.743+/-2.269 χ^2/NDF : 429547.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8303.867+/-1.585 χ^2/NDF : 972980.2/32

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: 4573.876 $\pm$ 850.288 χ^2 /NDF: 8.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

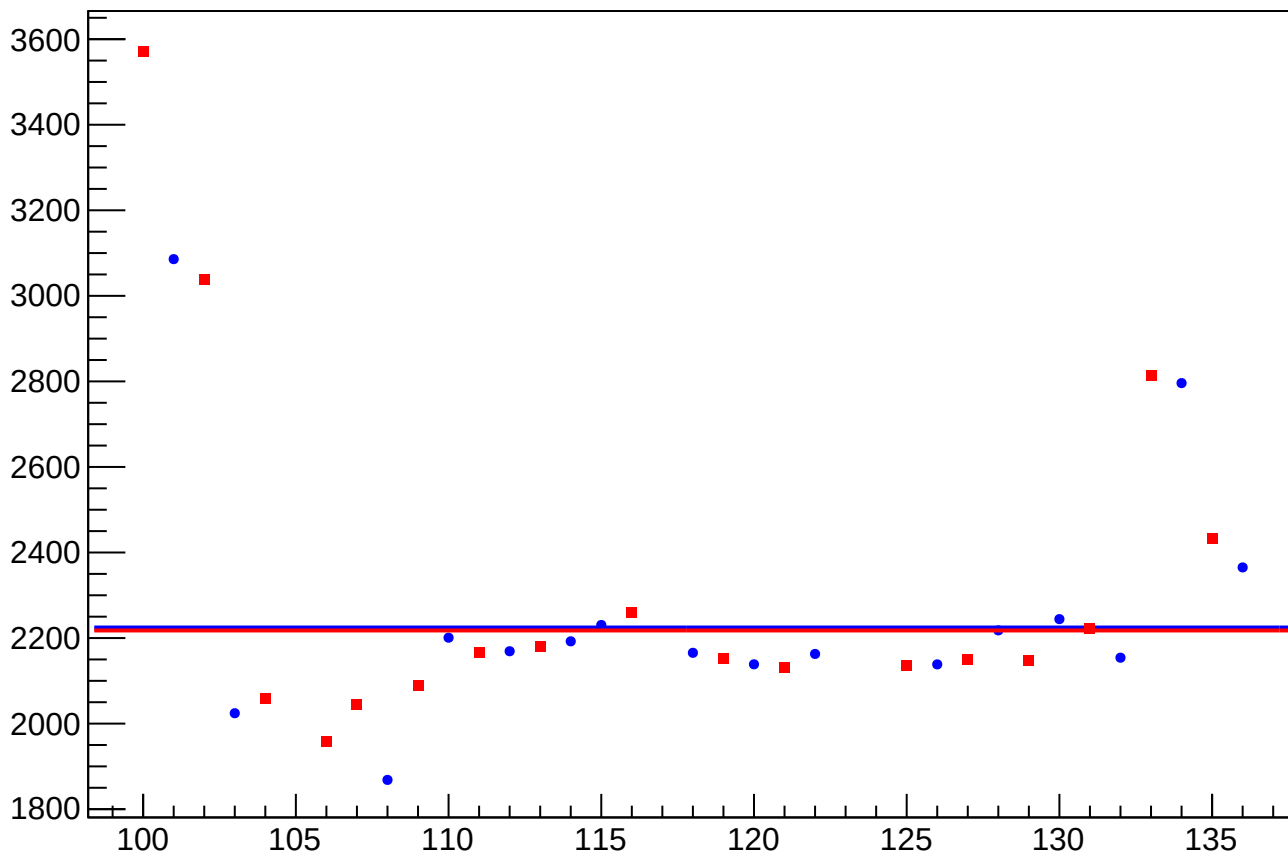
Right: 4999.092 $\pm$ 595.289 χ^2 /NDF: 16.0/32

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: 4999.092 $\pm$ 595.289 χ^2 /NDF: 16.0/32

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: 2217.754+/-0.601 χ^2/NDF : 168484.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

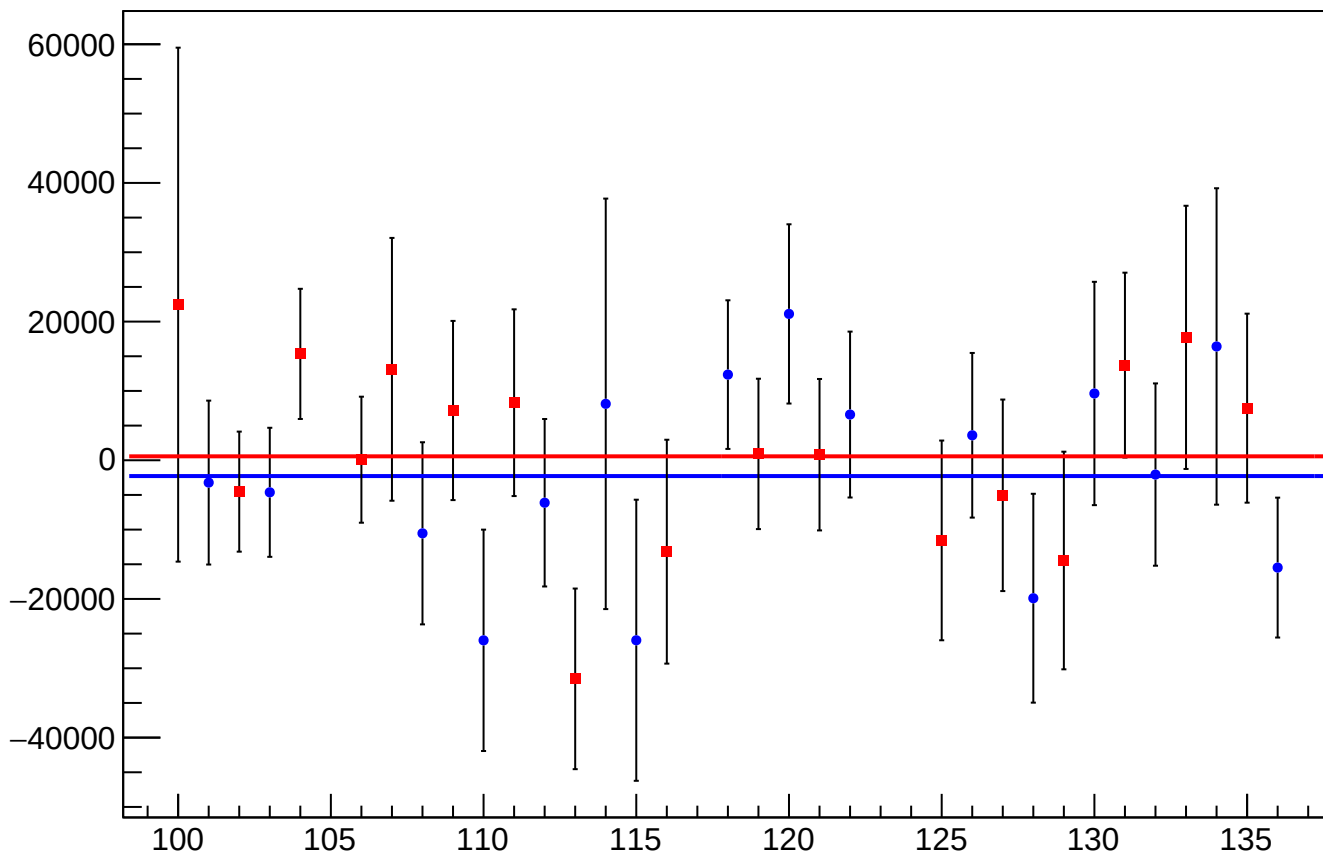
Right: 2221.250+/-0.421 χ^2/NDF : 353230.4/32

In: 2224.614+/-0.590 χ^2/NDF : 184679.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.250+/-0.421 χ^2/NDF : 353230.4/32

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: 568.095+/-3066.532 χ^2 /NDF: 14.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

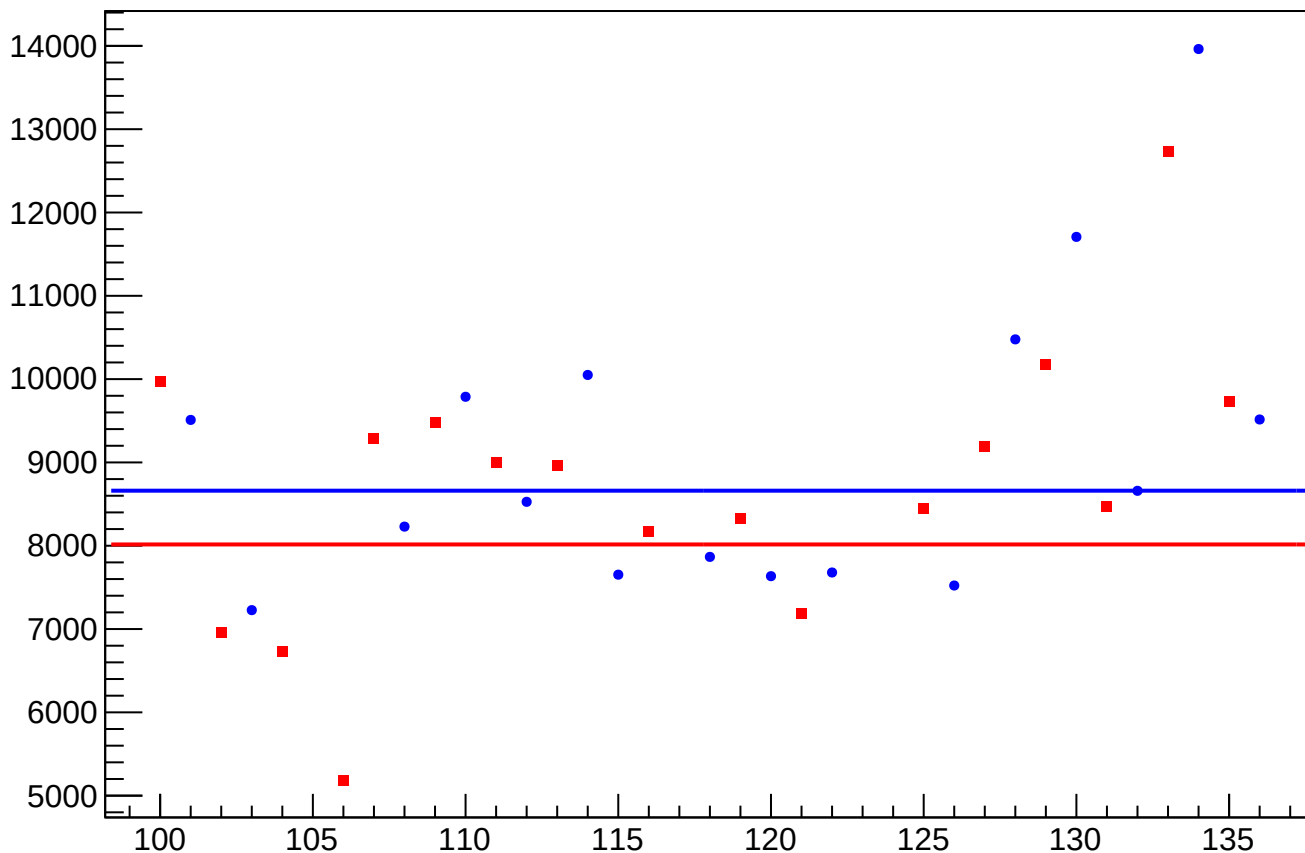
Right: -763.105+/-2237.399 χ^2 /NDF: 29.7/32

In: -2278.440+/-3271.750 χ^2 /NDF:14.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -763.105+/-2237.399 χ^2 /NDF: 29.7/32

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: 8015.364+/-2.168 χ^2/NDF : 547729.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

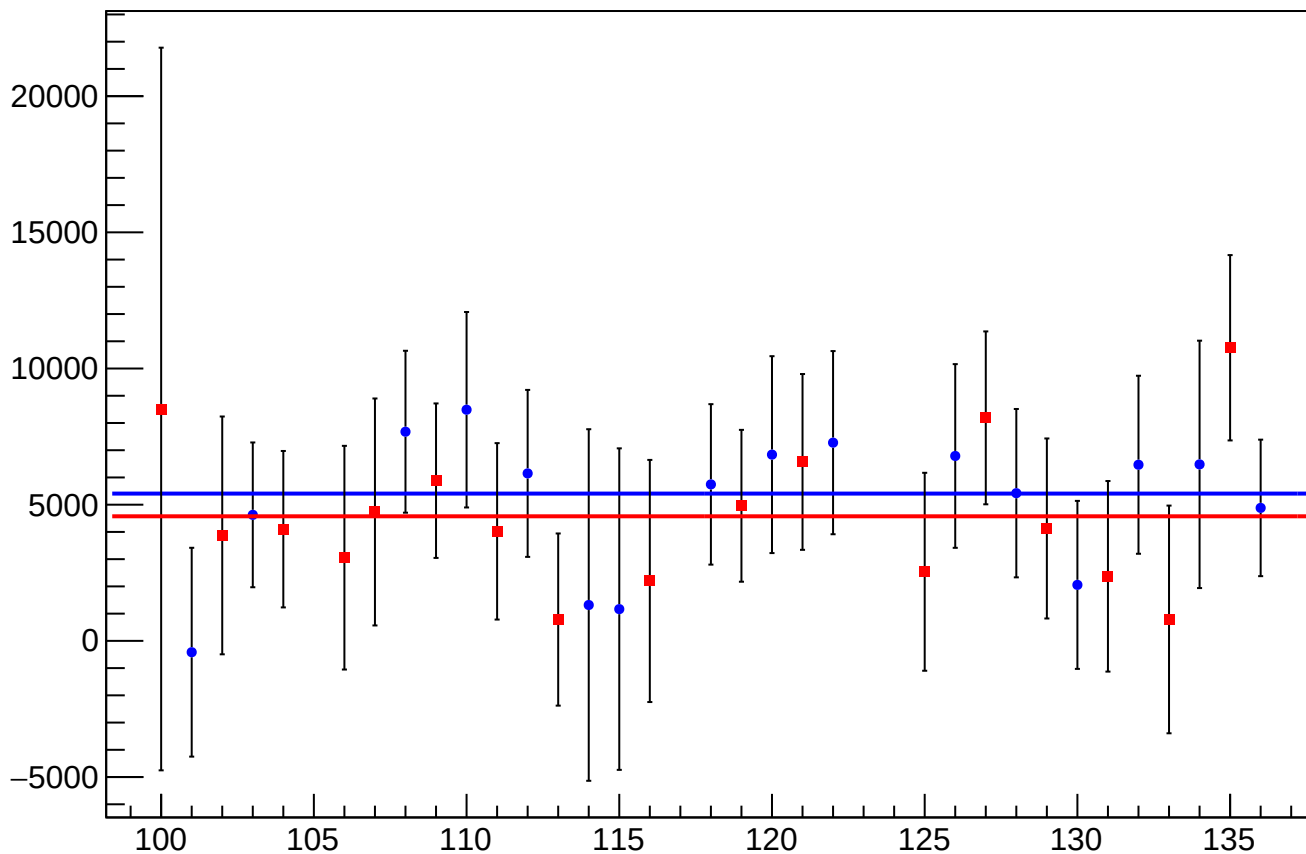
Right: 8317.175+/-1.582 χ^2/NDF : 947118.0/32

In: 8660.733+/-2.313 χ^2/NDF : 357961.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8317.175+/-1.582 χ^2/NDF : 947118.0/32

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: 4573.881+/-850.288 χ^2/NDF : 8.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

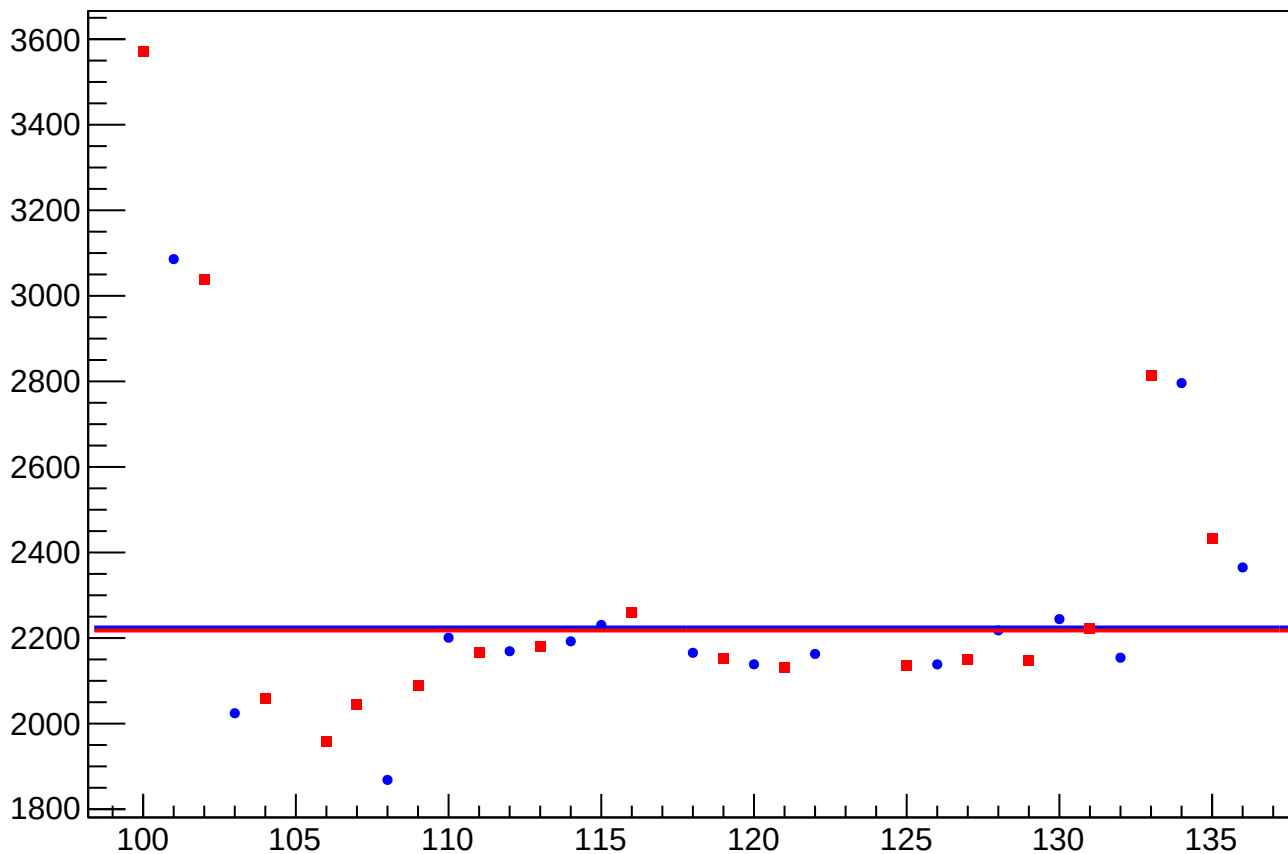
Right: 4999.095+/-595.289 χ^2/NDF : 16.0/32

In: 5407.869+/-833.688 χ^2/NDF : 6.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4999.095+/-595.289 χ^2/NDF : 16.0/32

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: 2217.753+/-0.601 χ^2/NDF : 168484.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

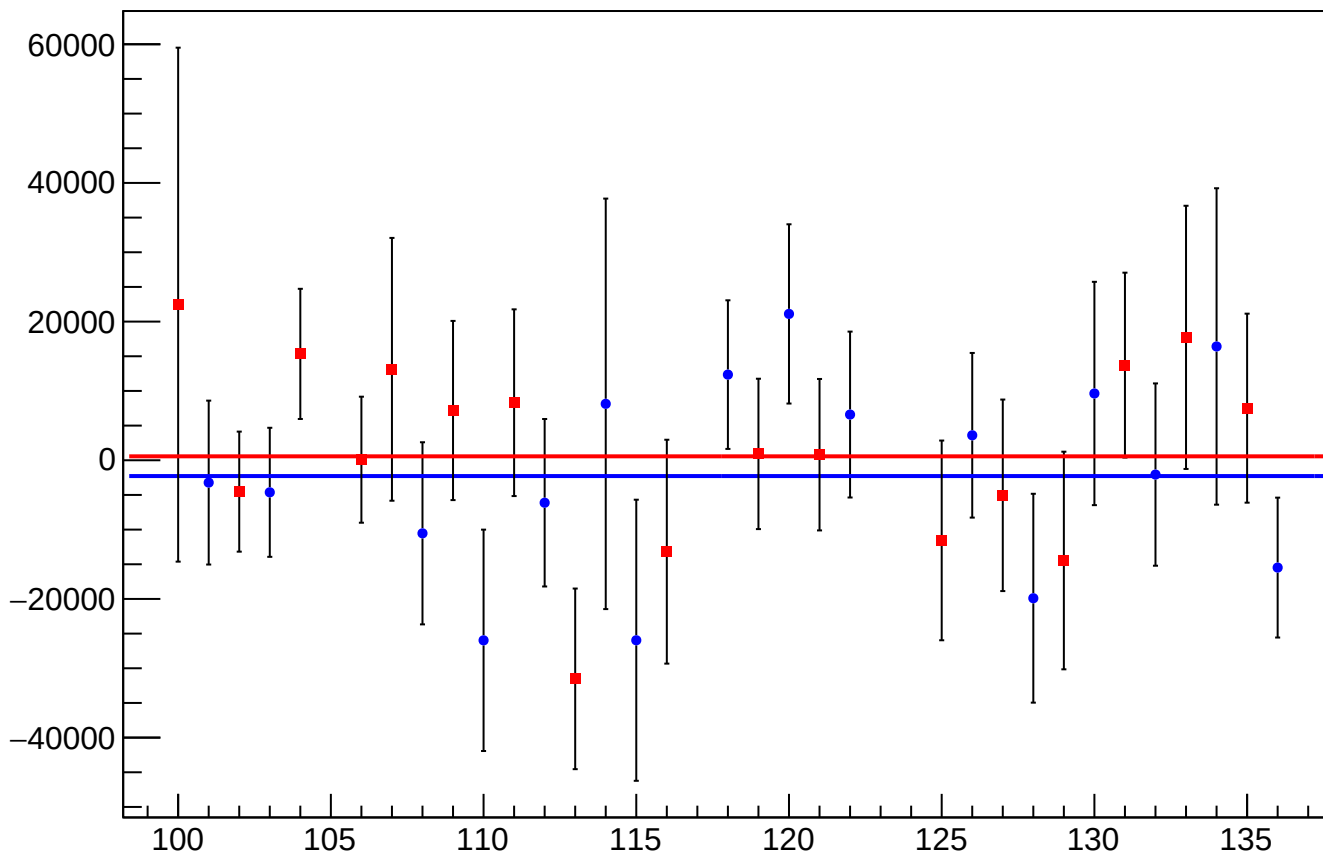
Right: 2221.249+/-0.421 χ^2/NDF : 353230.6/32

In: 2224.613+/-0.590 χ^2/NDF : 184680.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2221.249+/-0.421 χ^2/NDF : 353230.6/32

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: 568.098+/-3066.524 χ^2 /NDF: 14.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

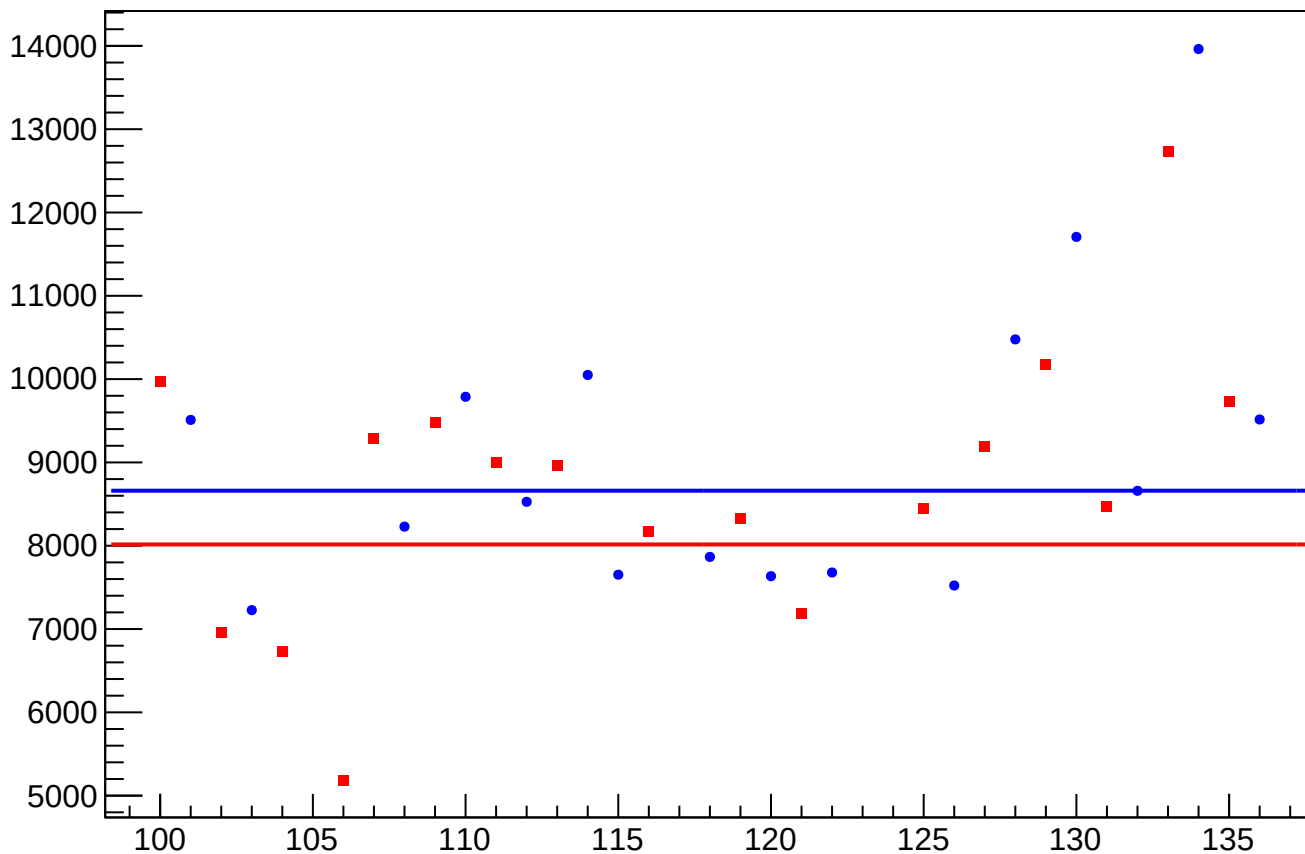
Right: -763.093+/-2237.394 χ^2 /NDF: 29.7/32

In: -2278.418+/-3271.742 χ^2 /NDF:14.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -763.093+/-2237.394 χ^2 /NDF: 29.7/32

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: 8015.346+/-2.168 χ^2/NDF : 547727.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

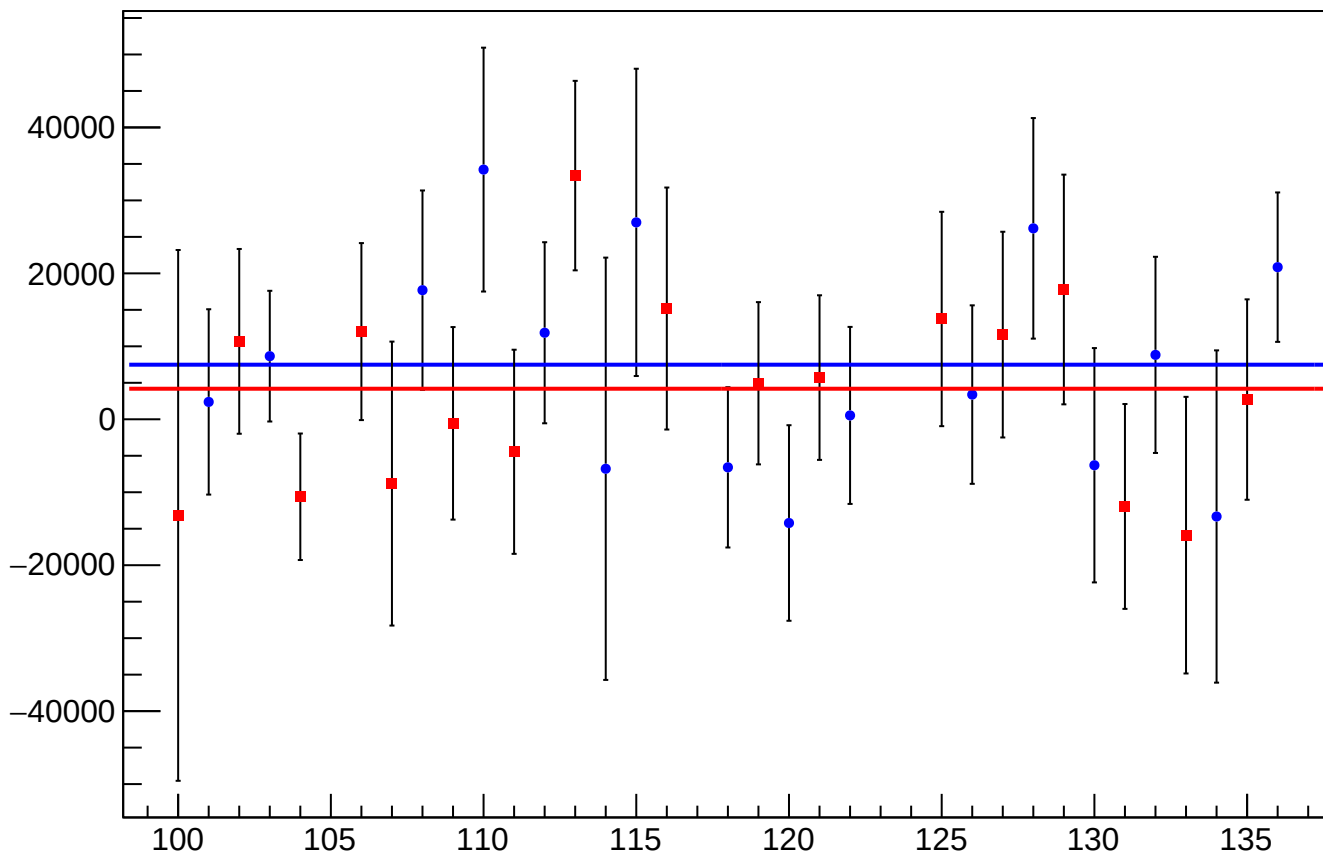
Right: 8317.155+/-1.582 χ^2/NDF : 947117.8/32

In: 8660.711+/-2.313 χ^2/NDF : 357964.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8317.155+/-1.582 χ^2/NDF : 947117.8/32

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: 4187.748+/-3279.789 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

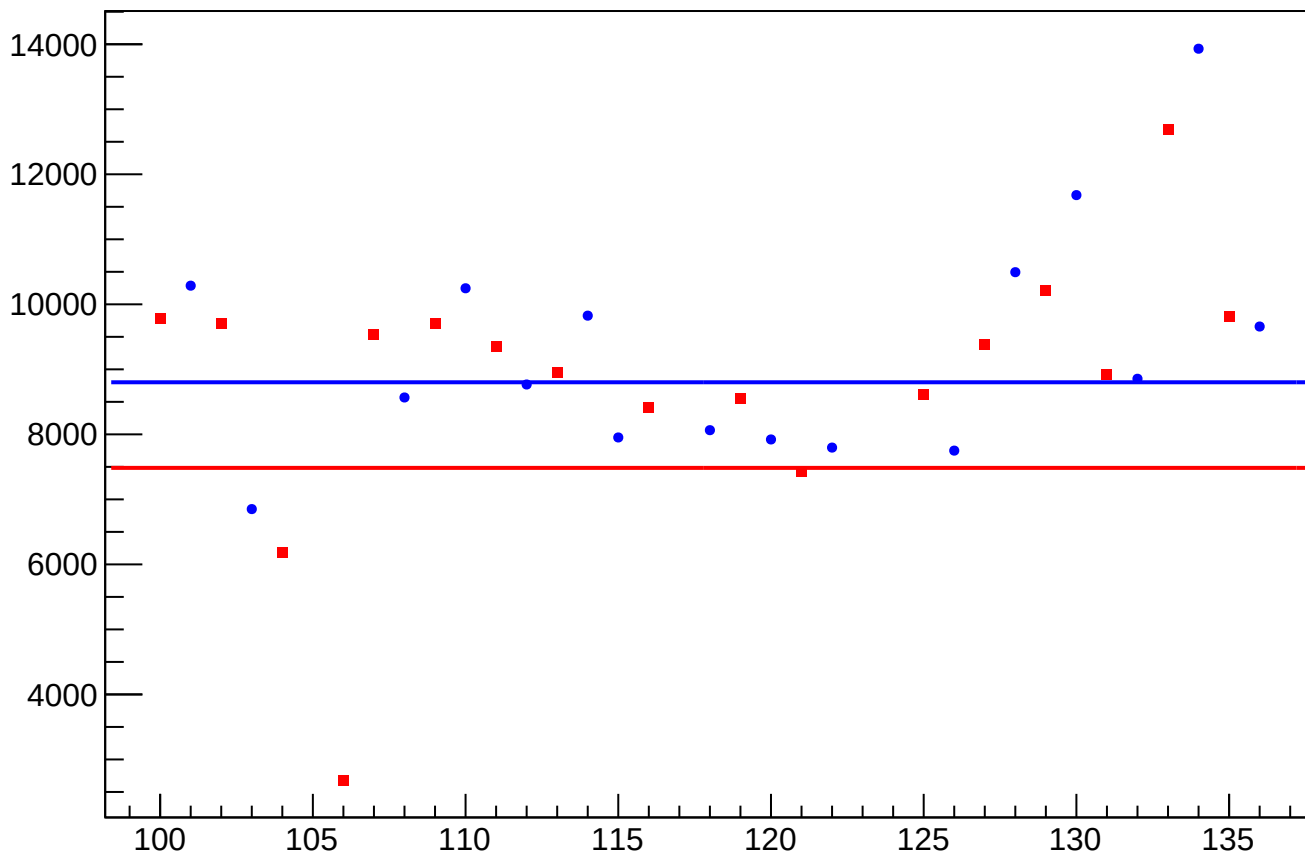
Right: 5809.285+/-2337.027 χ^2/NDF : 28.7/32

In: 7481.770+/-3330.915 χ^2/NDF : 14.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5809.285+/-2337.027 χ^2/NDF : 28.7/32

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: 7484.414+/-2.149 χ^2/NDF : 1636311.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

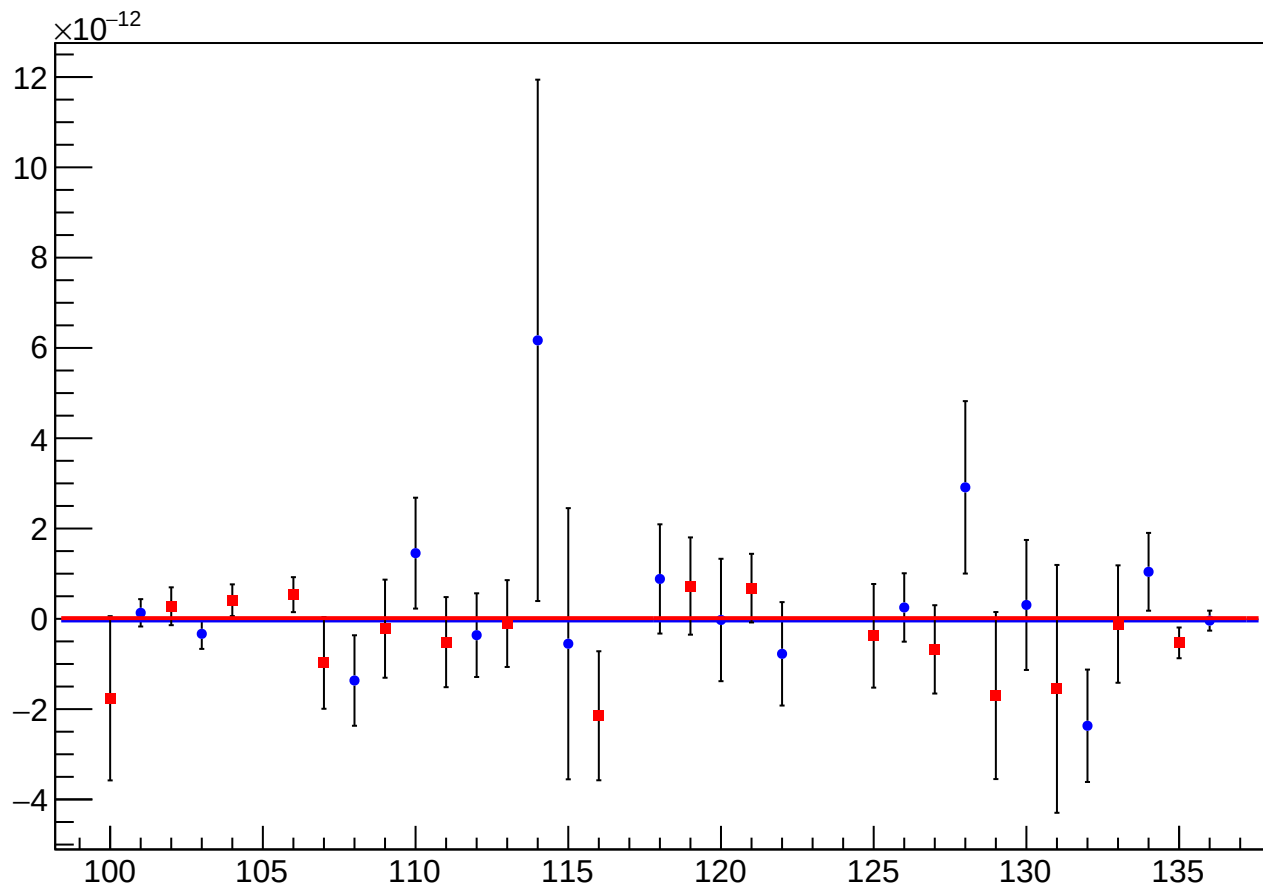
Right: 8082.660+/-1.588 χ^2/NDF : 2201401.7/32

In: 8801.075+/-2.355 χ^2/NDF : 394575.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8082.660+/-1.588 χ^2/NDF : 2201401.7/32

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: 13.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

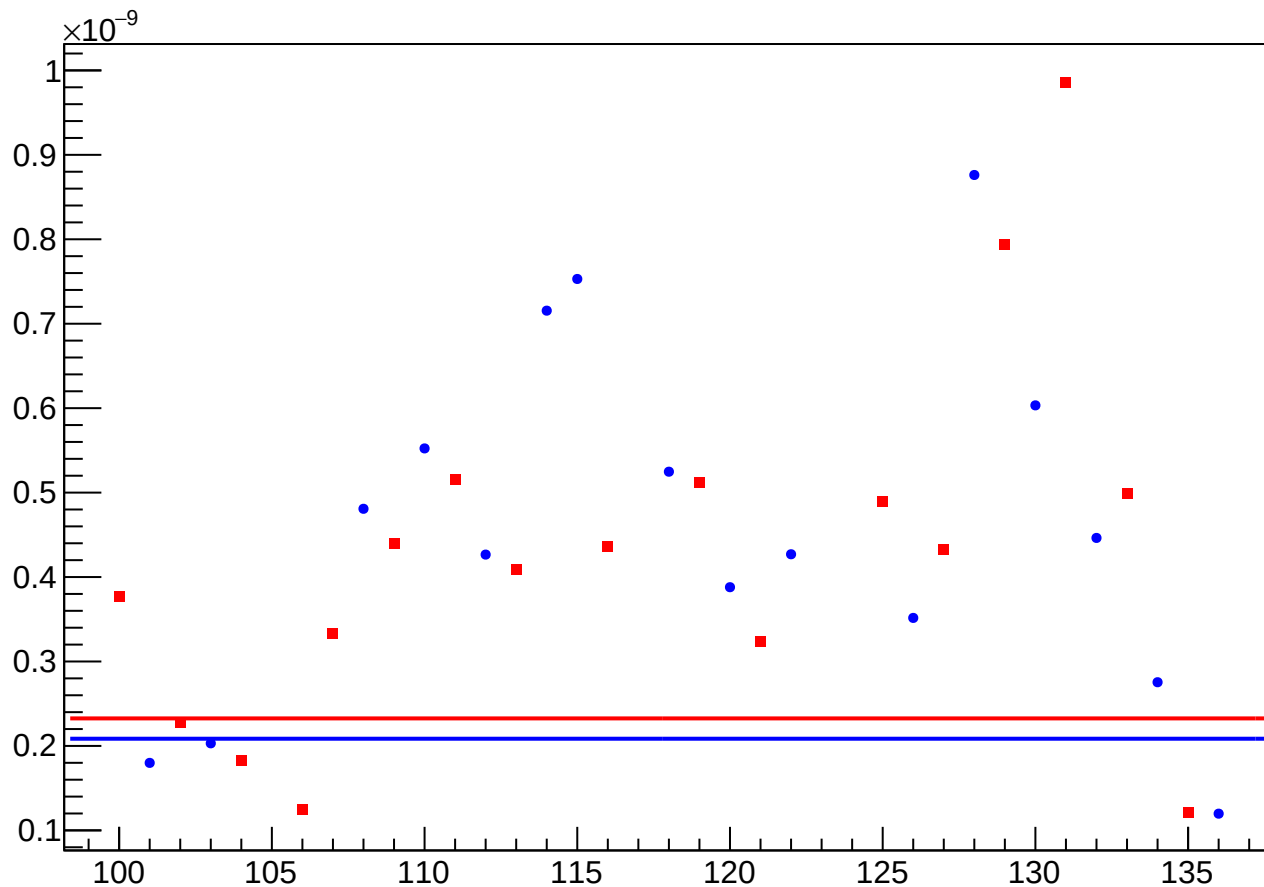
Right: -0.000+/-0.000 χ^2 /NDF: 28.0/32

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: 28.0/32

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 : 1551150.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

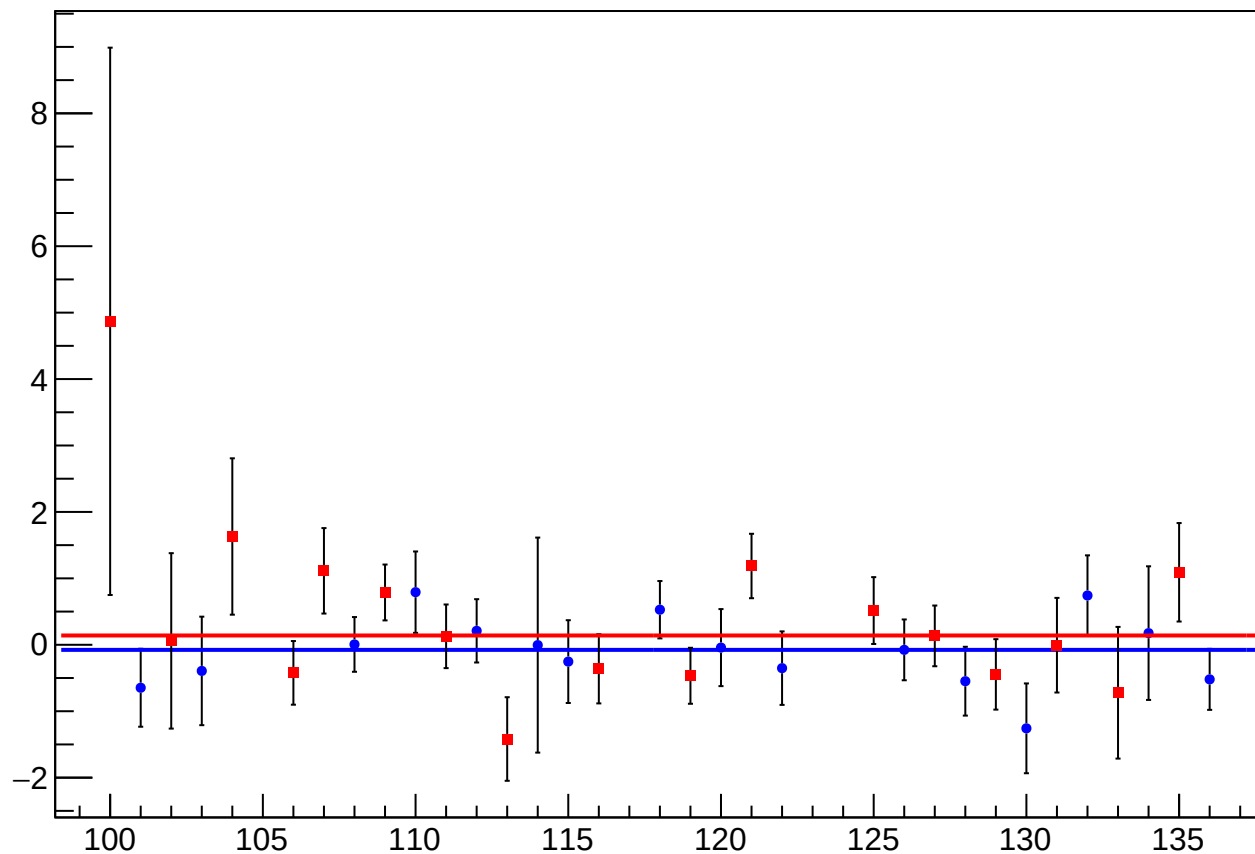
Right: 0.000+/-0.000 χ^2/NDF : 3208857.4/32

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 : 3208857.4/32

asym_us_avg_at2lr_avg_avg_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+/-0.140 χ^2/NDF : 27.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

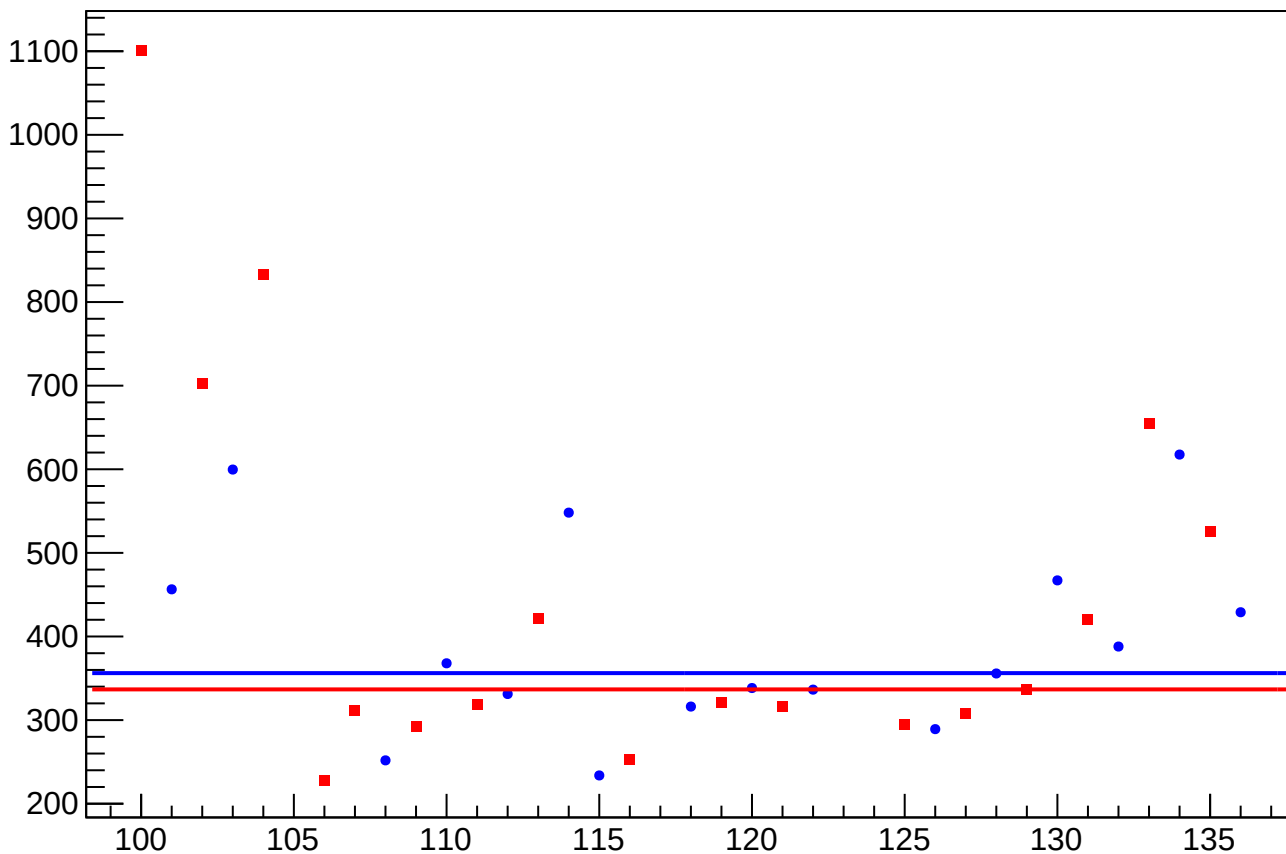
Right: 0.032+/-0.099 χ^2/NDF : 40.7/32

In: -0.076+/-0.140 χ^2/NDF :12.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.032+/-0.099 χ^2/NDF : 40.7/32

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: 336.719+/-0.099 χ^2/NDF : 1190279.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

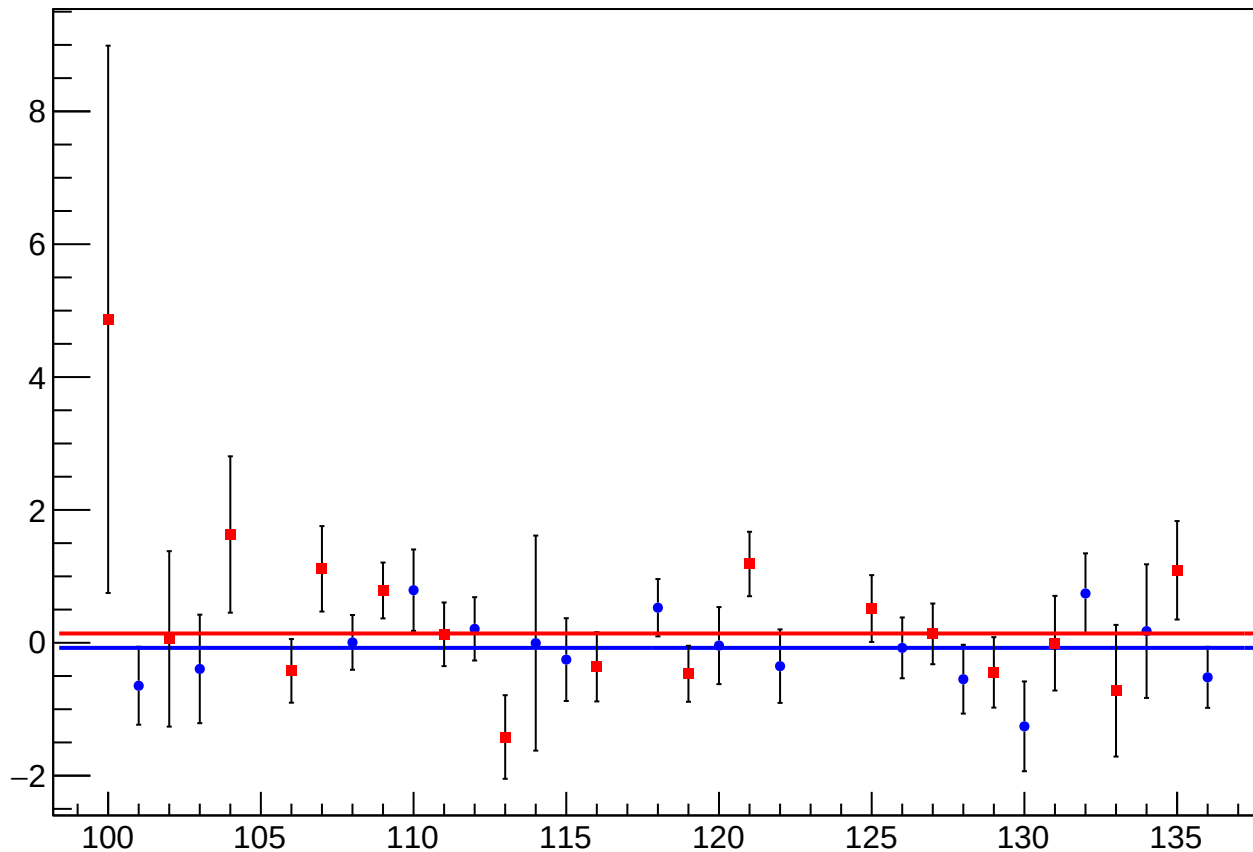
Right: 346.430+/-0.070 χ^2/NDF : 1994803.2/32

In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.430+/-0.070 χ^2/NDF : 1994803.2/32

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right: 0.032 $\pm$ 0.099 χ^2/NDF : 40.7/32

In: -0.076 $\pm$ 0.140 χ^2/NDF : 12.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.032 $\pm$ 0.099 χ^2/NDF : 40.7/32

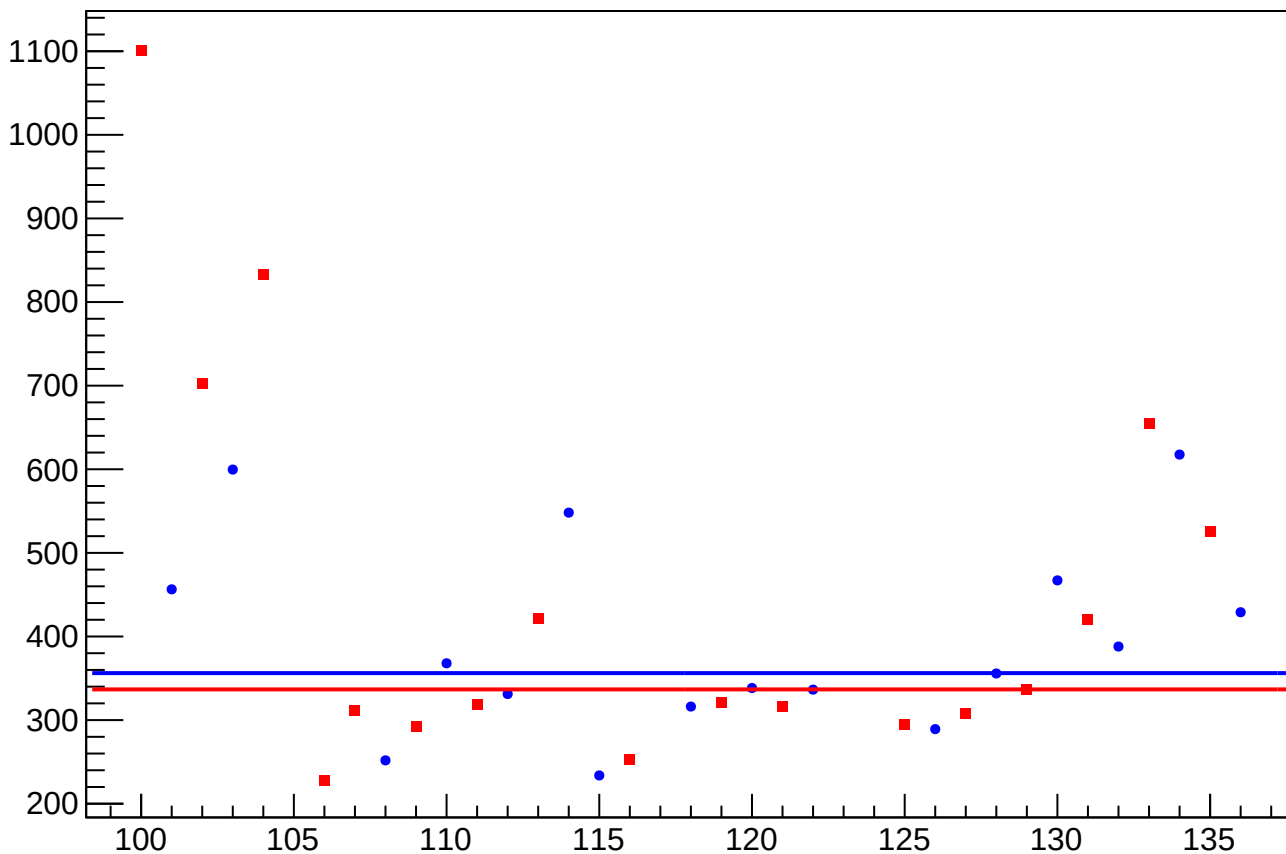
Right In: -0.076 $\pm$ 0.140 χ^2/NDF : 12.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.140 $\pm$ 0.140 χ^2/NDF : 27.0/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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: 336.719+/-0.099 χ^2/NDF : 1190279.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

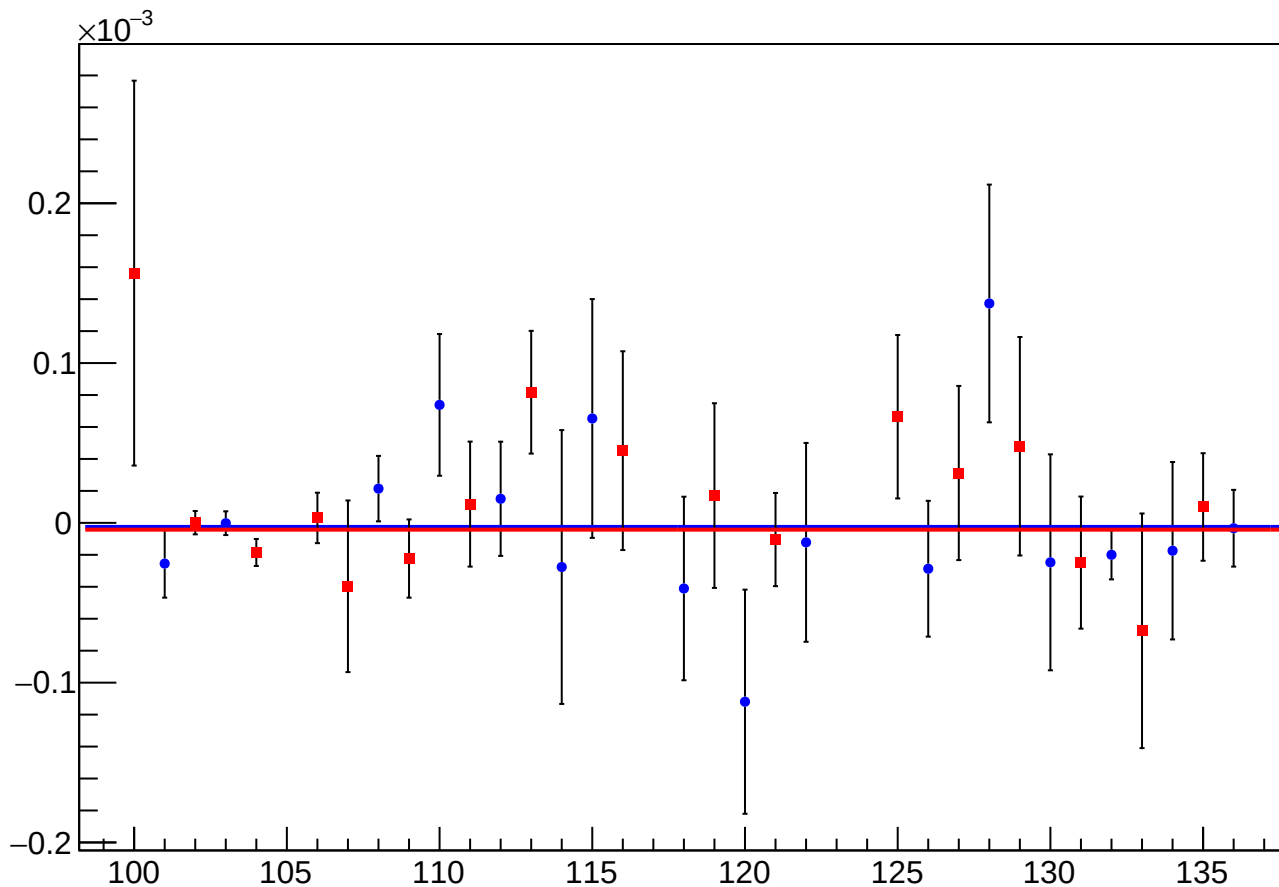
Right: 346.430+/-0.070 χ^2/NDF : 1994803.2/32

In: 356.190+/-0.099 χ^2/NDF : 785107.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.430+/-0.070 χ^2/NDF : 1994803.2/32

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 : 16.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

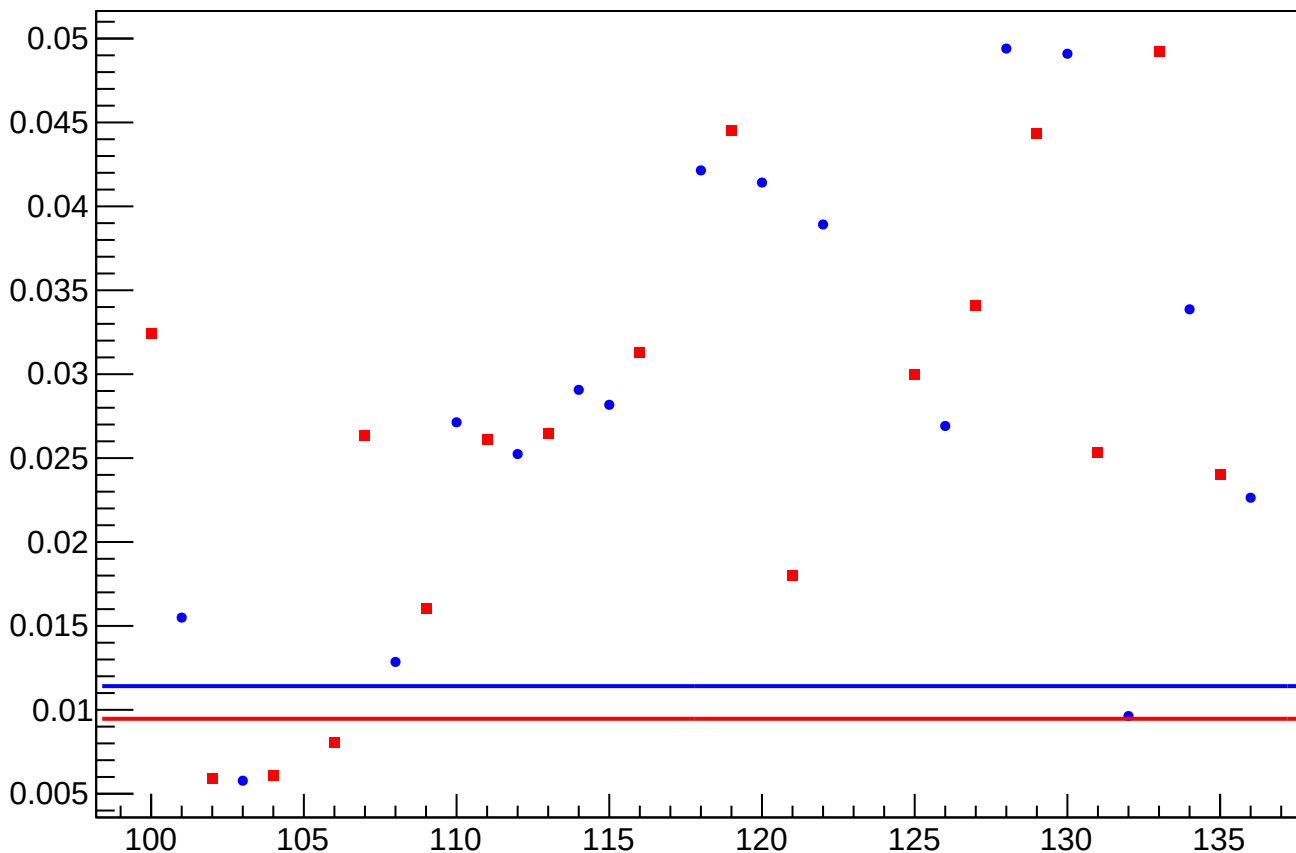
Right: -0.000+/-0.000 χ^2/NDF : 31.3/32

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 : 31.3/32

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: 0.009+/-0.000 χ^2/NDF : 5643595.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

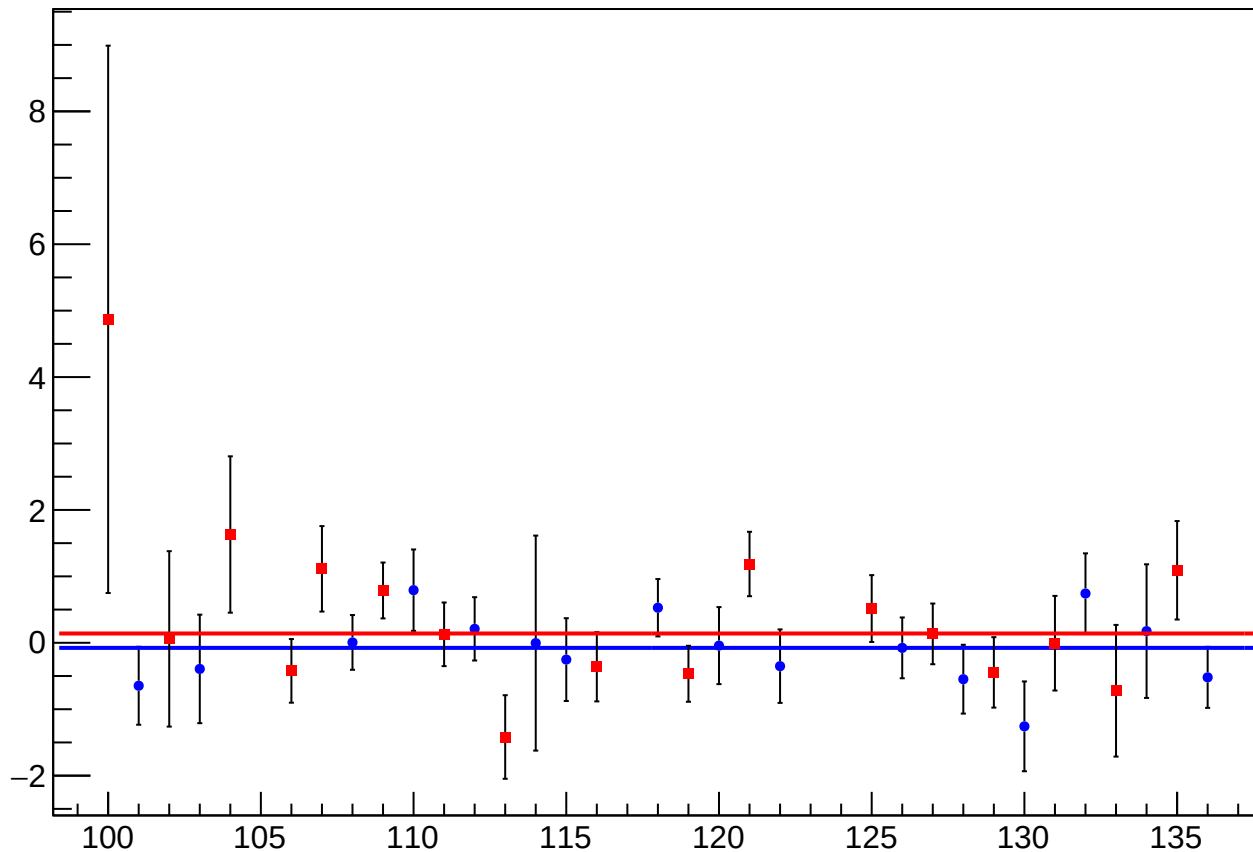
Right: 0.010+/-0.000 χ^2/NDF : 11285808.7/32

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 : 11285808.7/32

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+/-0.140 χ^2/NDF : 27.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

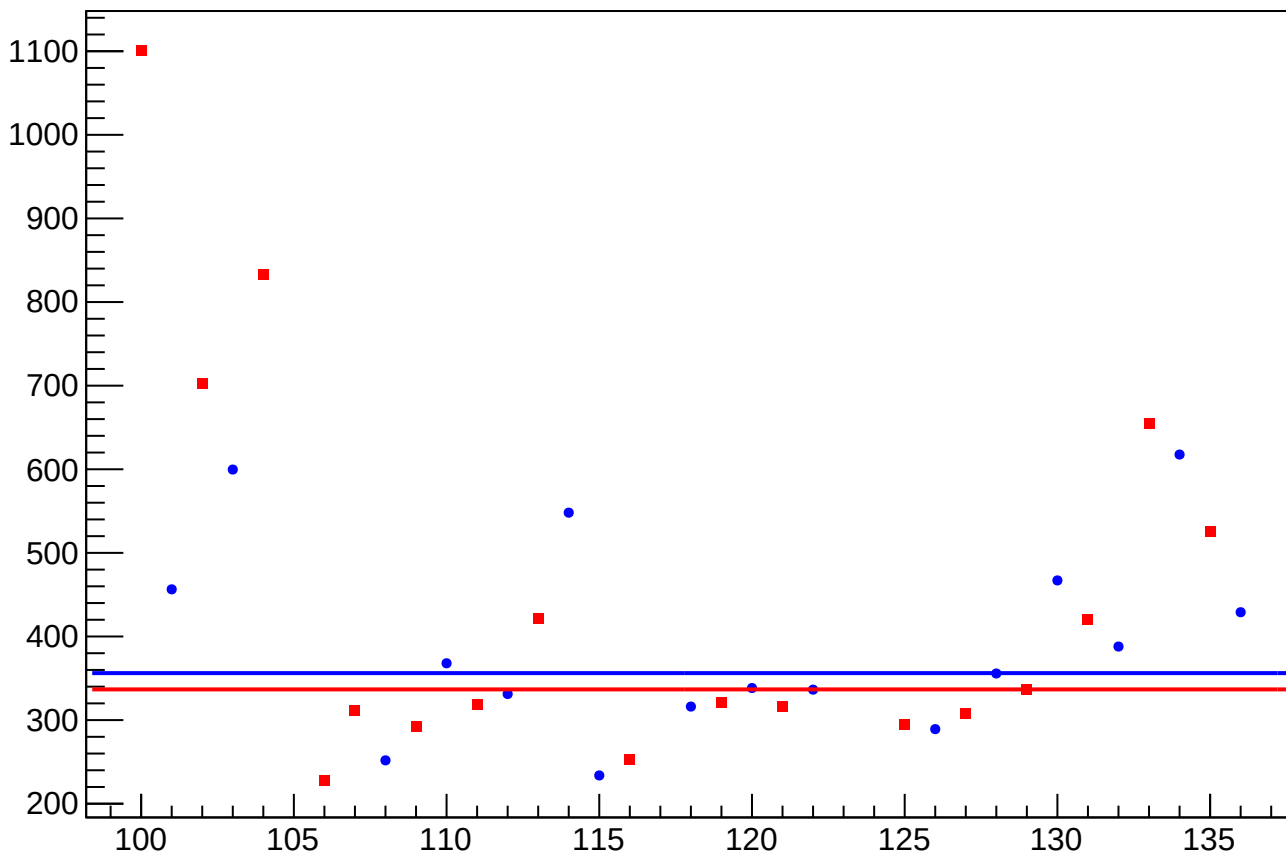
Right: 0.032+/-0.099 χ^2/NDF : 40.7/32

In: -0.076+/-0.140 χ^2/NDF :12.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.032+/-0.099 χ^2/NDF : 40.7/32

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: 336.717+/-0.099 χ^2/NDF : 1190253.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

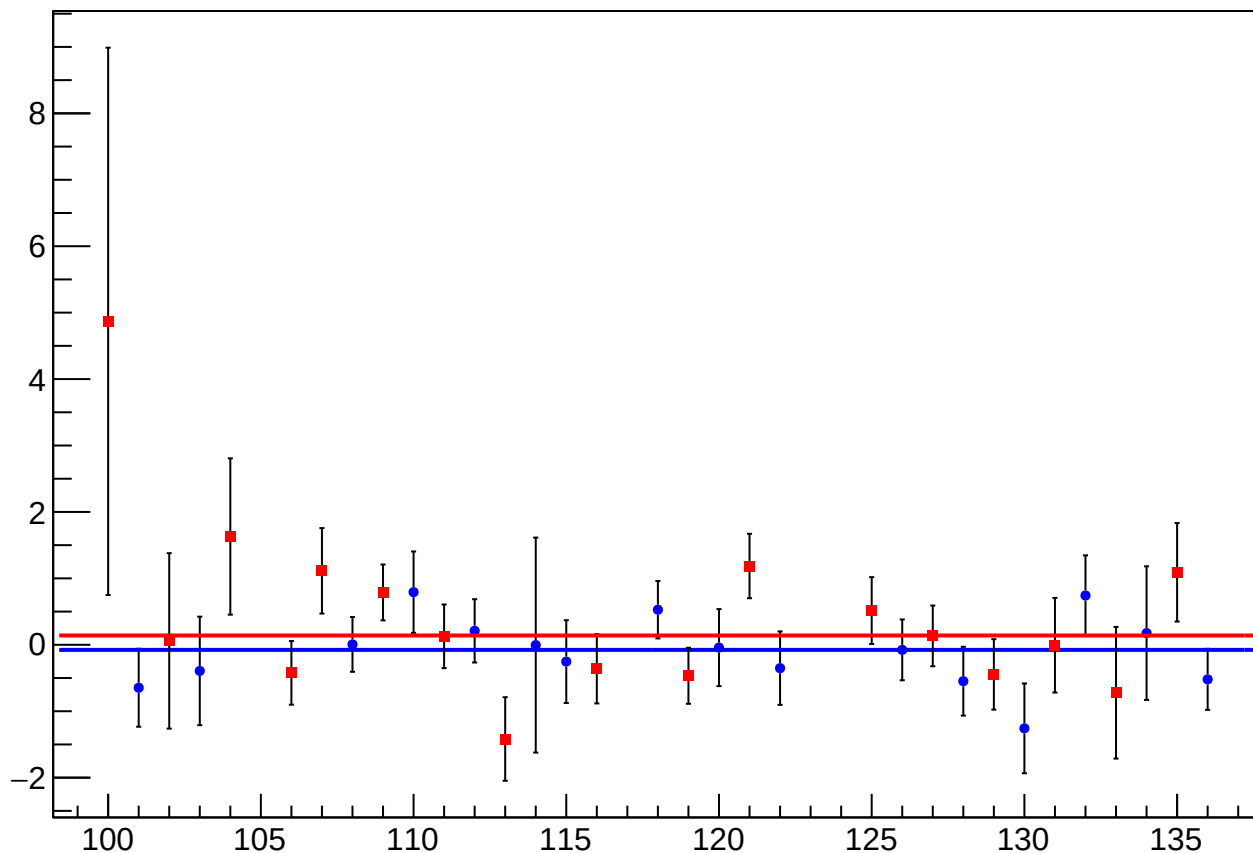
Right: 346.429+/-0.070 χ^2/NDF : 1994745.2/32

In: 356.188+/-0.099 χ^2/NDF :785072.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 346.429+/-0.070 χ^2/NDF : 1994745.2/32

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+/-0.140 χ^2/NDF : 27.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

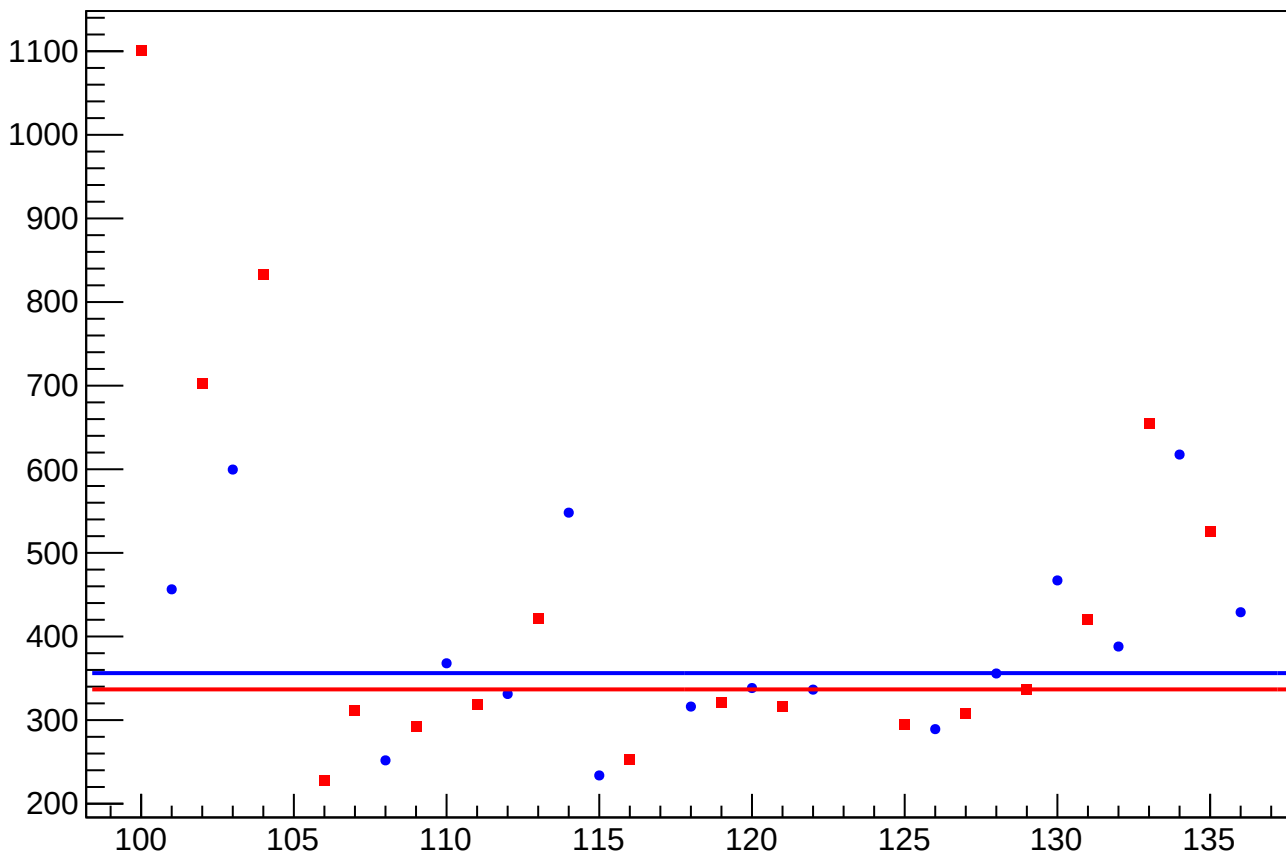
Right: 0.032+/-0.099 χ^2/NDF : 40.7/32

In: -0.076+/-0.140 χ^2/NDF :12.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.032+/-0.099 χ^2/NDF : 40.7/32

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: 336.717+/-0.099 χ^2/NDF : 1190253.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

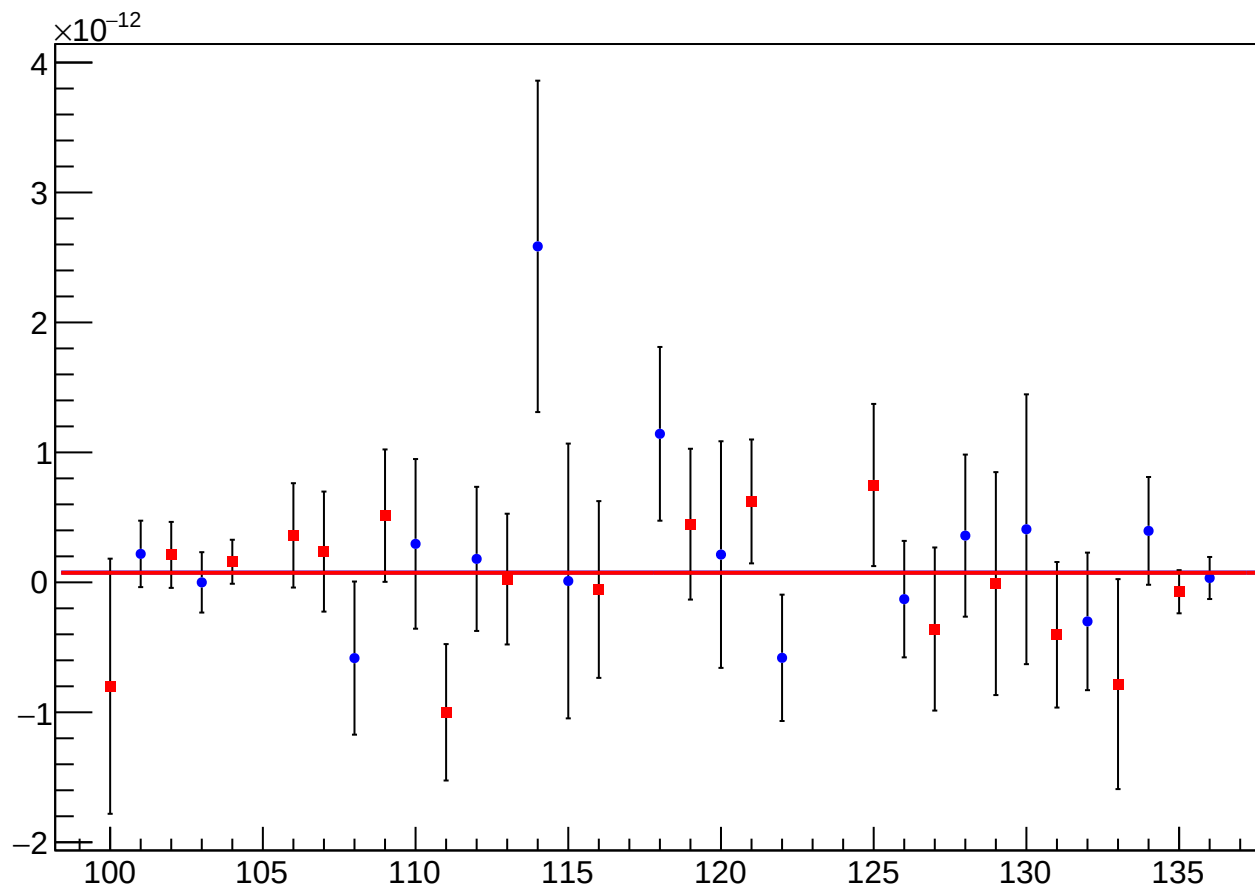
Right: 346.429+/-0.070 χ^2/NDF : 1994745.2/32

In: 356.188+/-0.099 χ^2/NDF : 785072.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 346.429+/-0.070 χ^2/NDF : 1994745.2/32

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 : 13.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

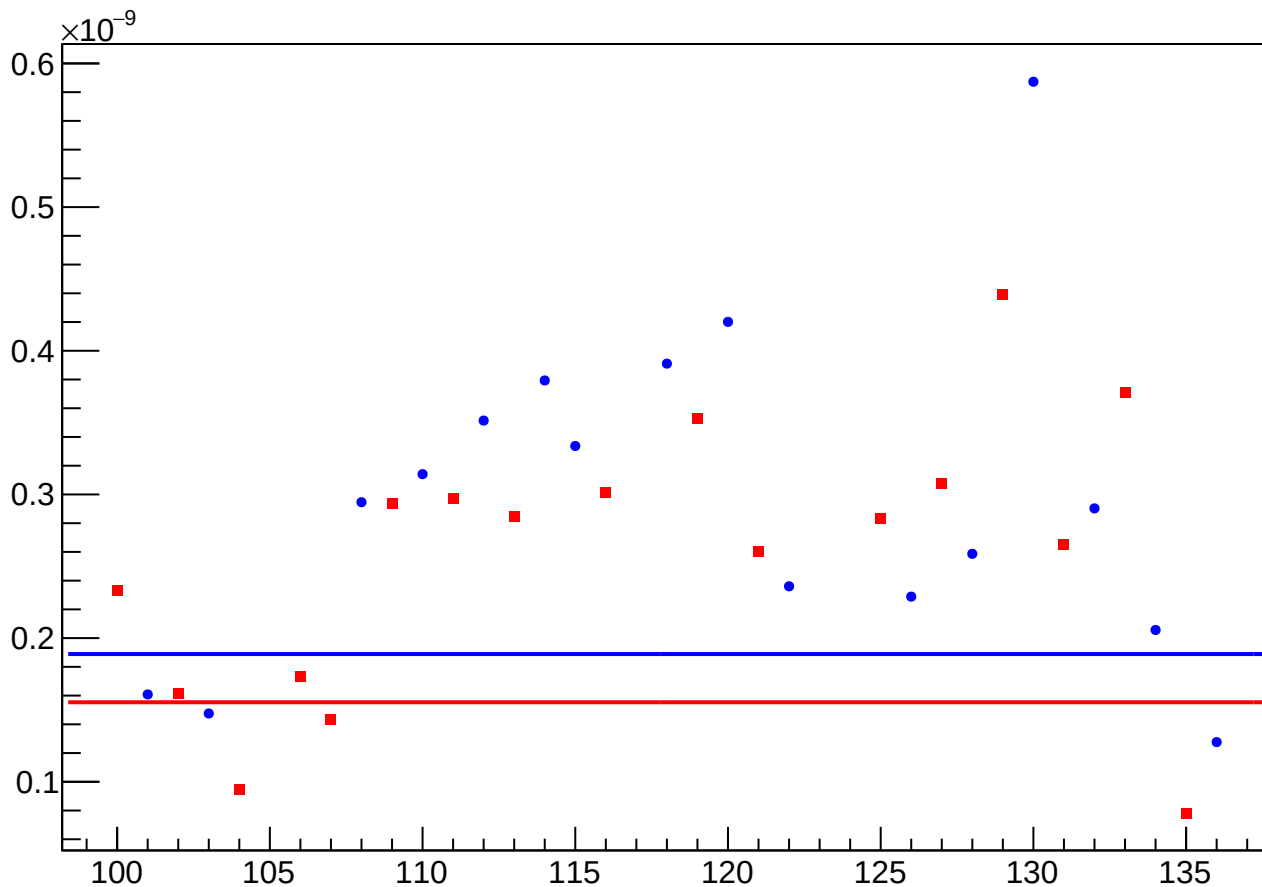
Right: 0.000+/-0.000 χ^2/NDF : 24.8/32

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 : 24.8/32

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 : 2200659.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

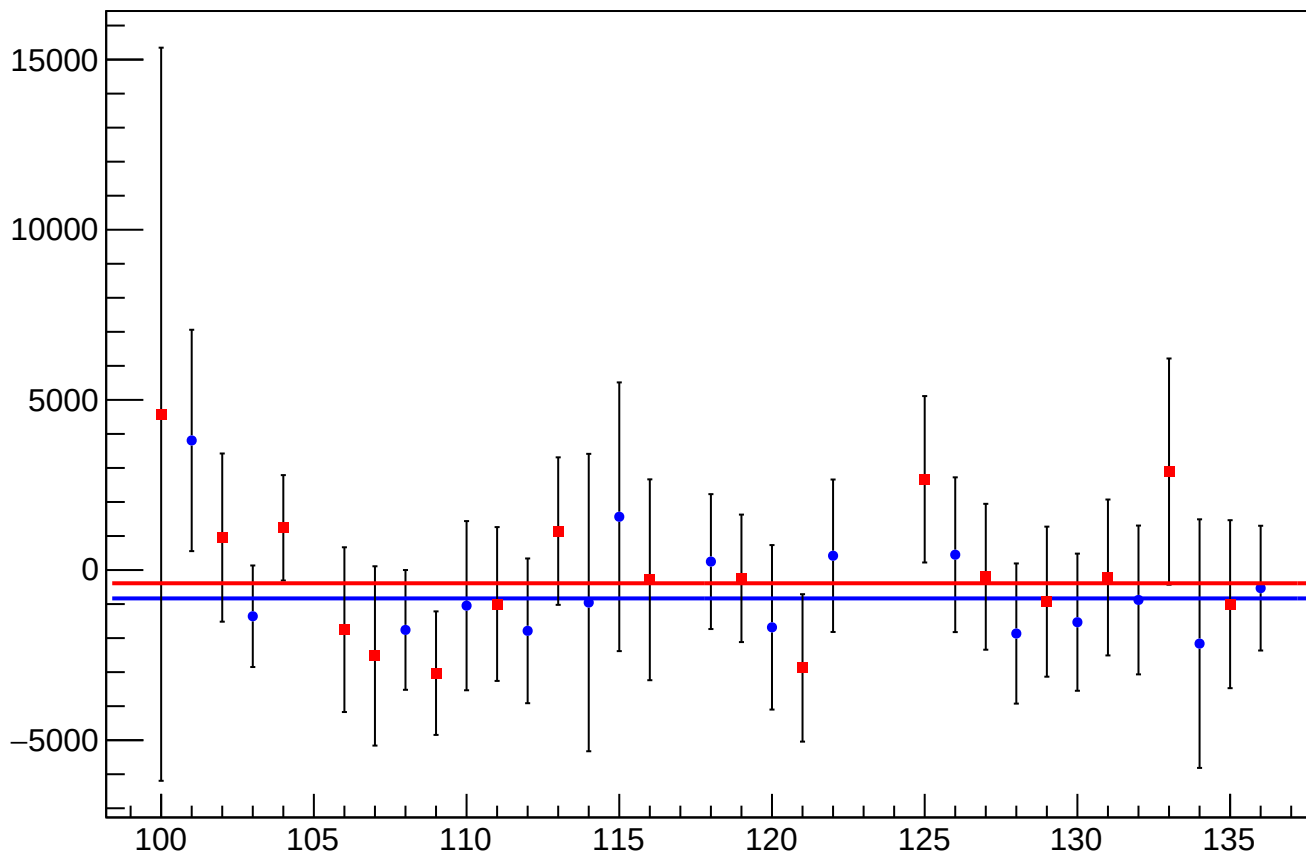
Right: 0.000+/-0.000 χ^2/NDF : 3854312.1/32

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 : 3854312.1/32

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: -388.419+/-553.410 χ^2/NDF : 9.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

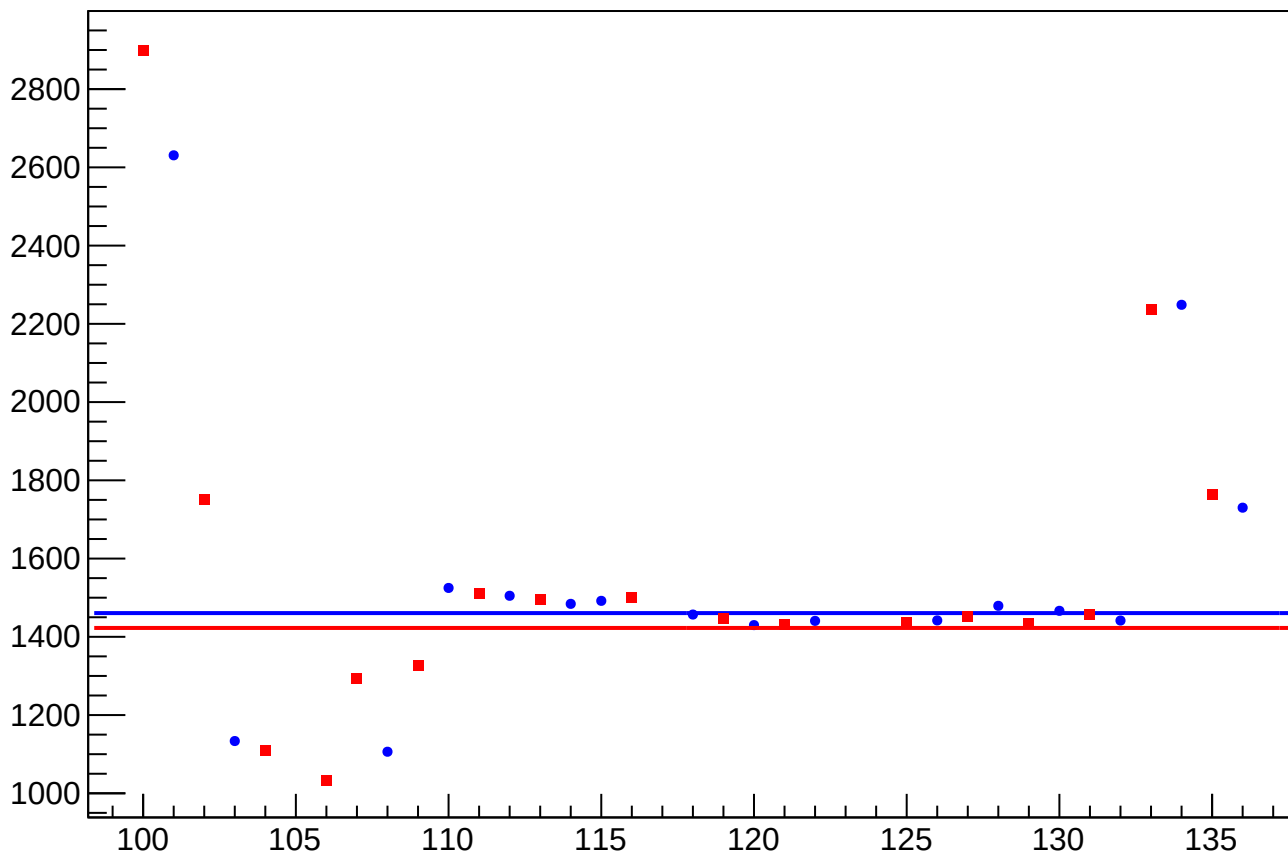
Right: -610.378+/-391.822 χ^2/NDF : 14.2/32

In: -833.479+/-554.833 χ^2/NDF : 4.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.378+/-391.822 χ^2/NDF : 14.2/32

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: 1422.663+/-0.388 χ^2/NDF : 398078.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

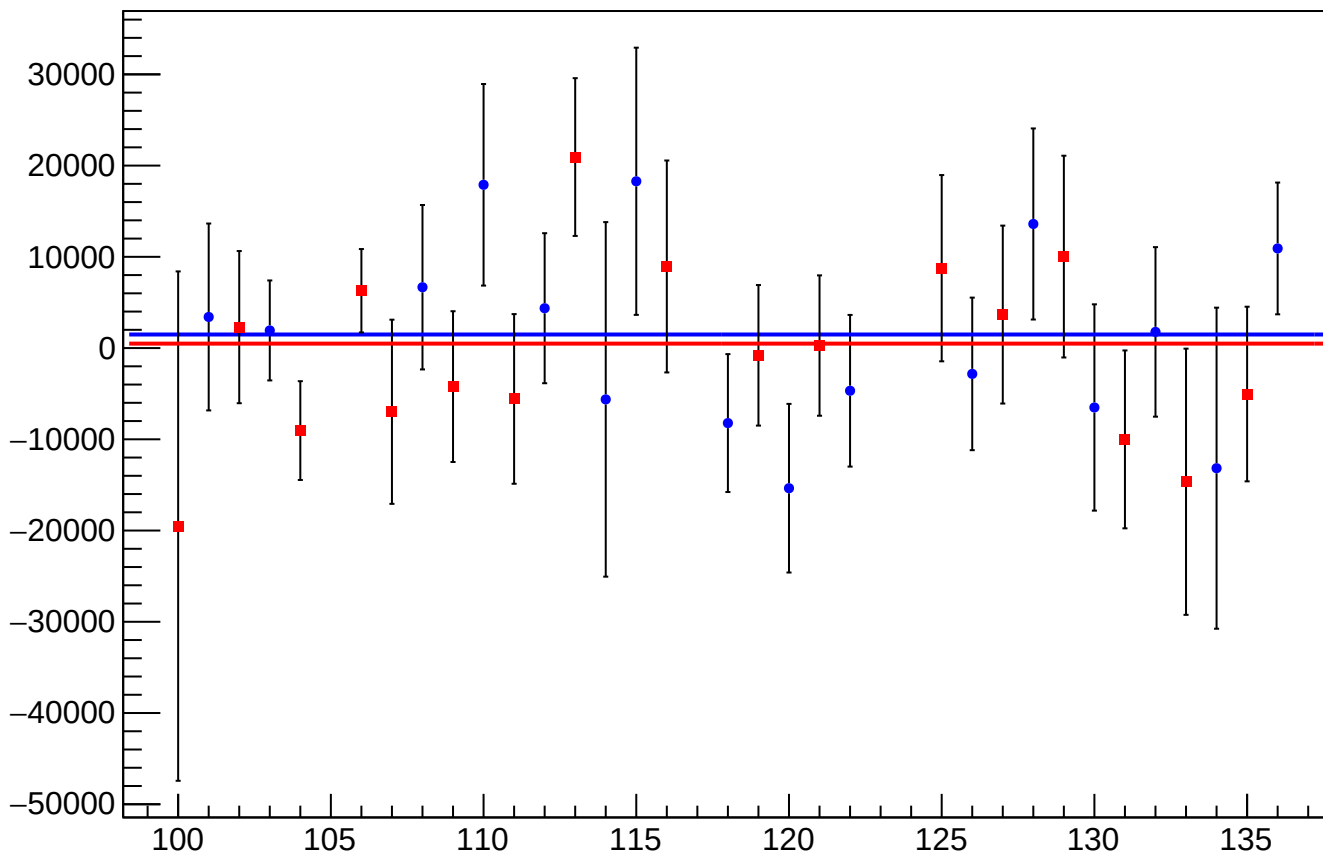
Right: 1441.466+/-0.276 χ^2/NDF : 978550.6/32

In: 1460.653+/-0.392 χ^2/NDF : 575736.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1441.466+/-0.276 χ^2/NDF : 978550.6/32

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: 486.826 $\pm$ 2030.067 χ^2 /NDF: 16.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

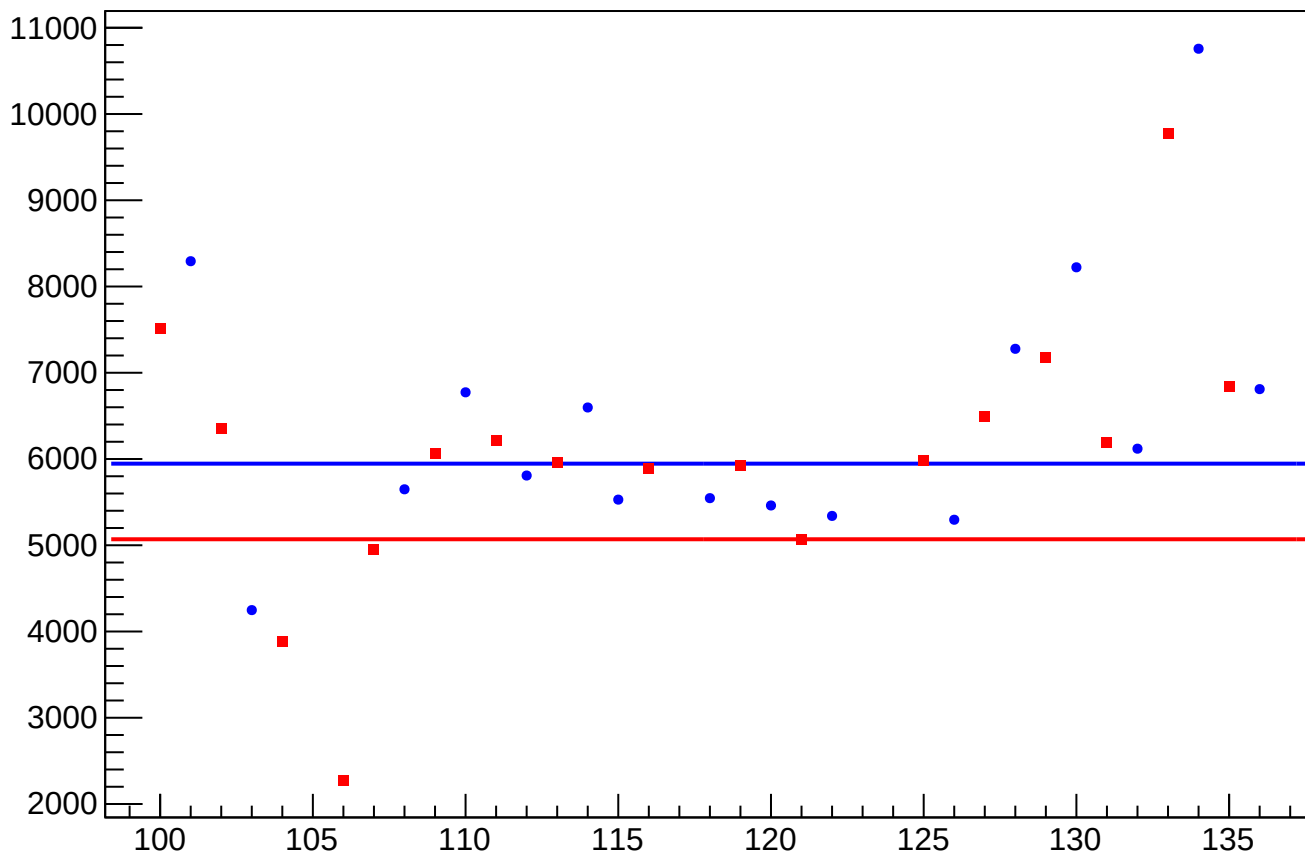
Right: 931.903 $\pm$ 1512.632 χ^2 /NDF: 31.1/32

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: 931.903 $\pm$ 1512.632 χ^2 /NDF: 31.1/32

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: 5069.462+/-1.435 χ^2/NDF : 1456443.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

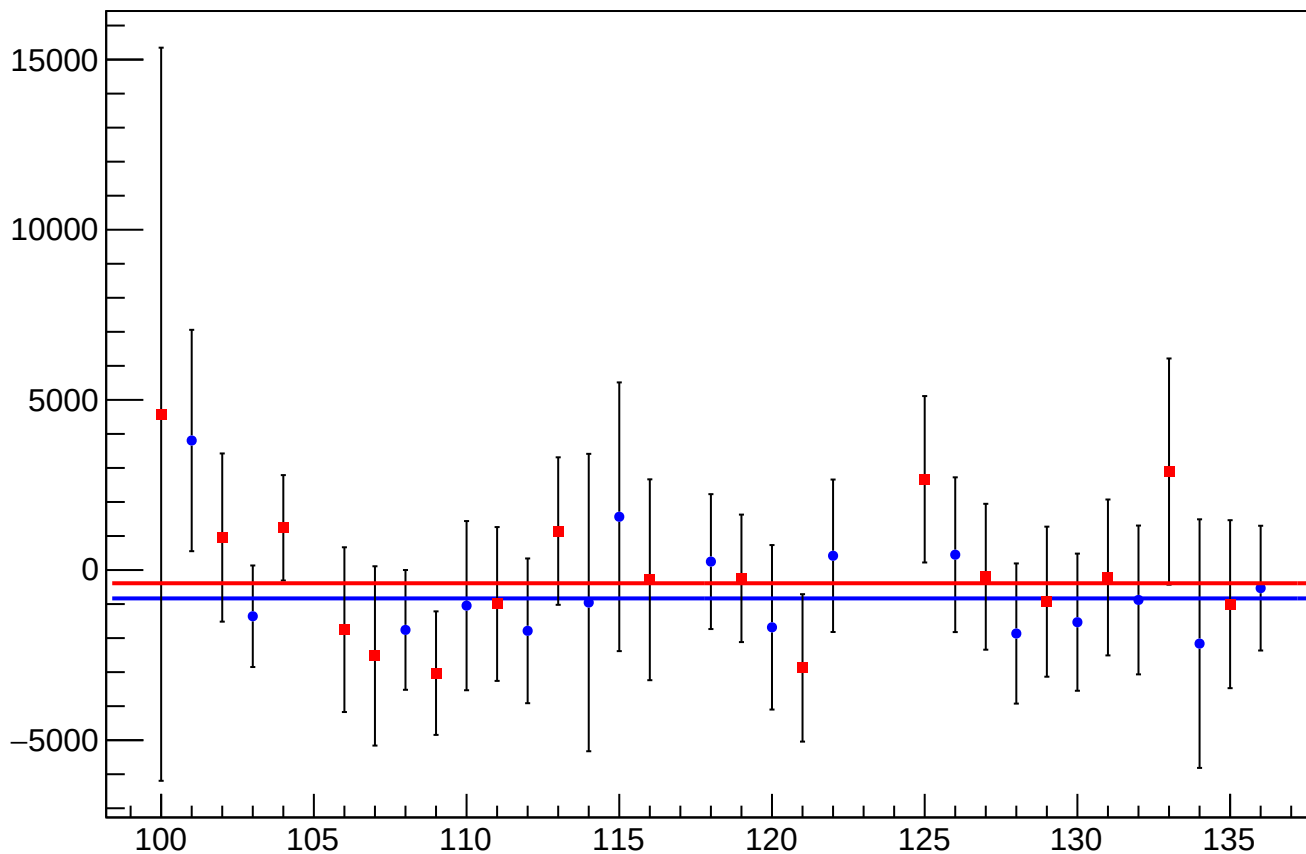
Right: 5459.386+/-1.070 χ^2/NDF : 2263457.4/32

In: 5946.080+/-1.604 χ^2/NDF : 641131.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5459.386+/-1.070 χ^2/NDF : 2263457.4/32

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: -388.240 $\pm$ 553.410 χ^2 /NDF: 9.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

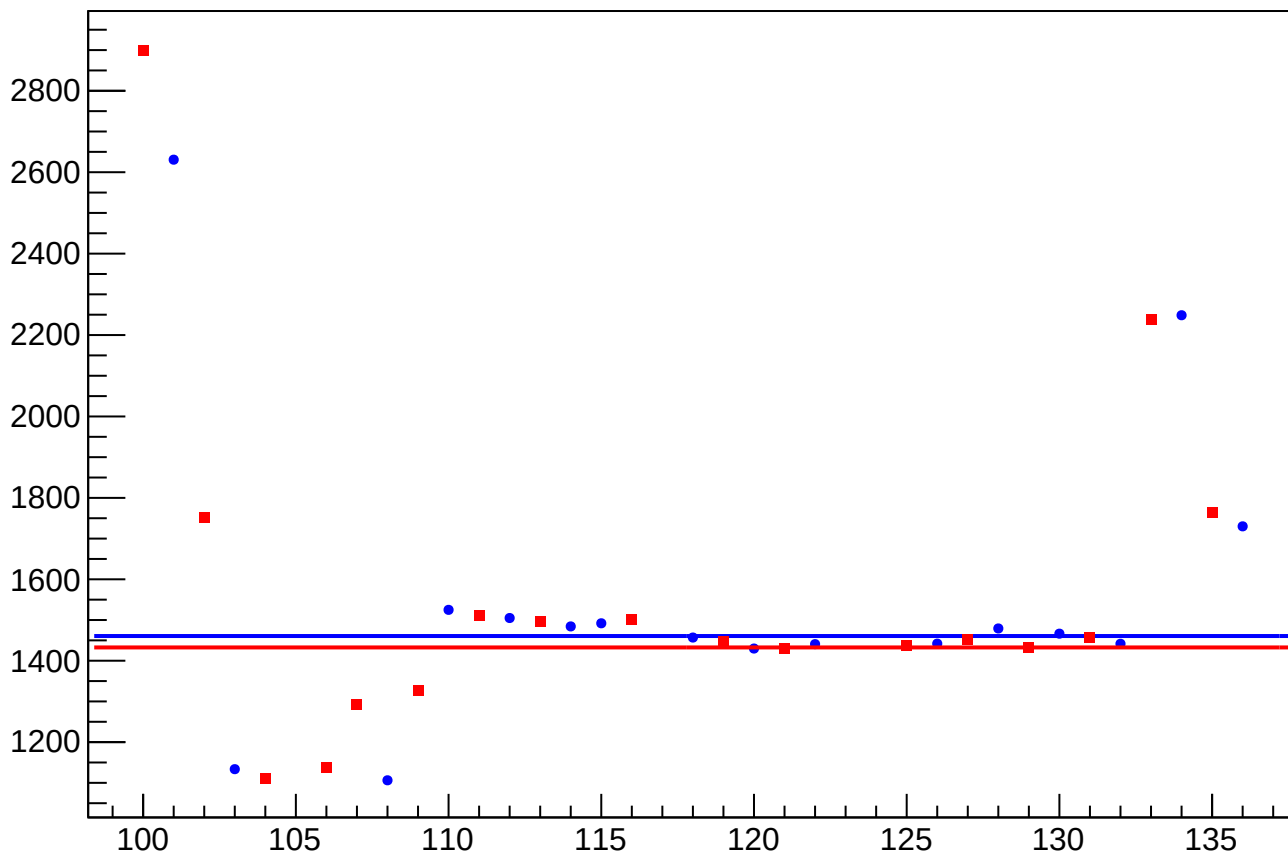
Right: -610.319 $\pm$ 391.822 χ^2 /NDF: 14.2/32

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: -610.319 $\pm$ 391.822 χ^2 /NDF: 14.2/32

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: 1432.622+/-0.390 χ^2/NDF : 360997.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

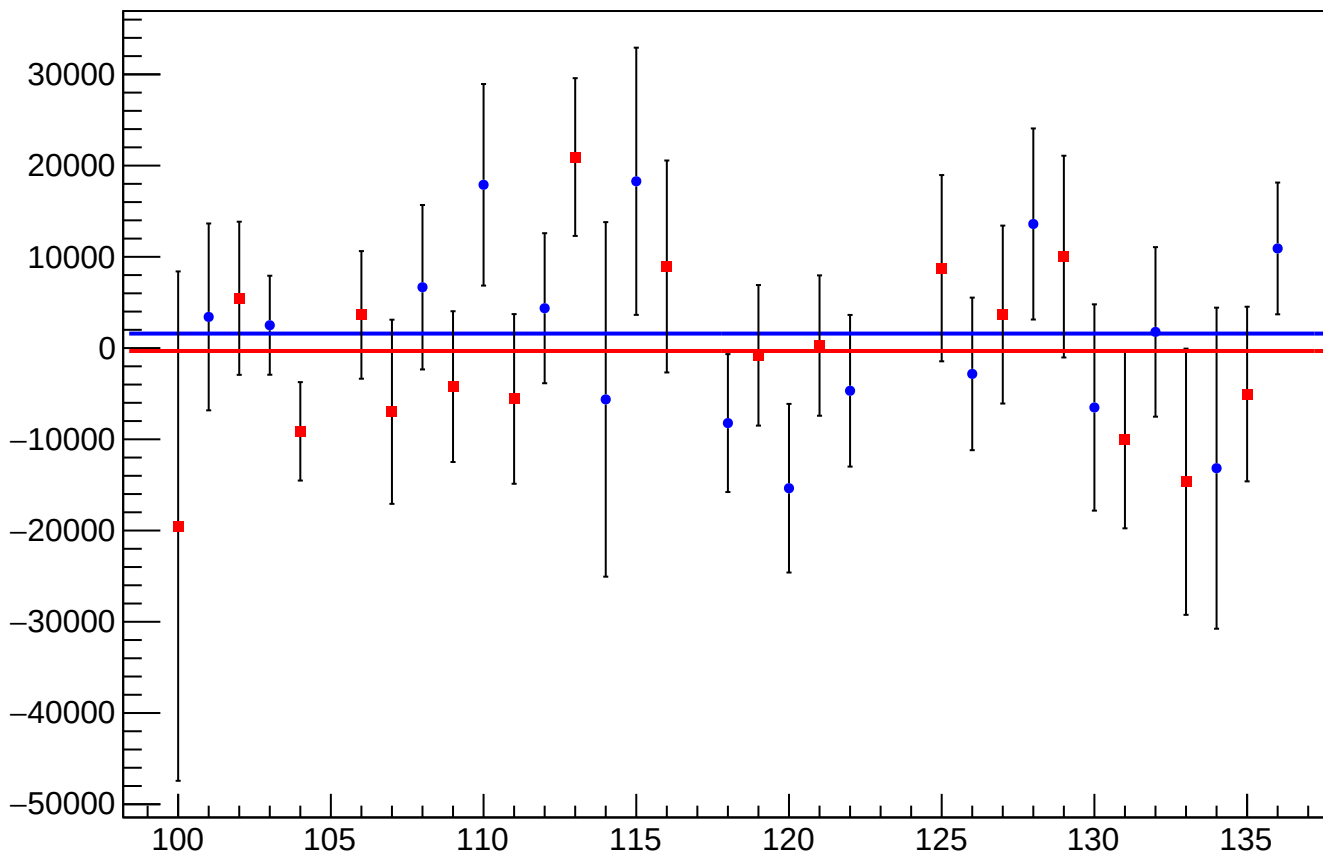
Right: 1446.569+/-0.277 χ^2/NDF : 939298.4/32

In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1446.569+/-0.277 χ^2/NDF : 939298.4/32

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: -319.467 $\pm$ 2155.145 χ^2 /NDF: 15.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

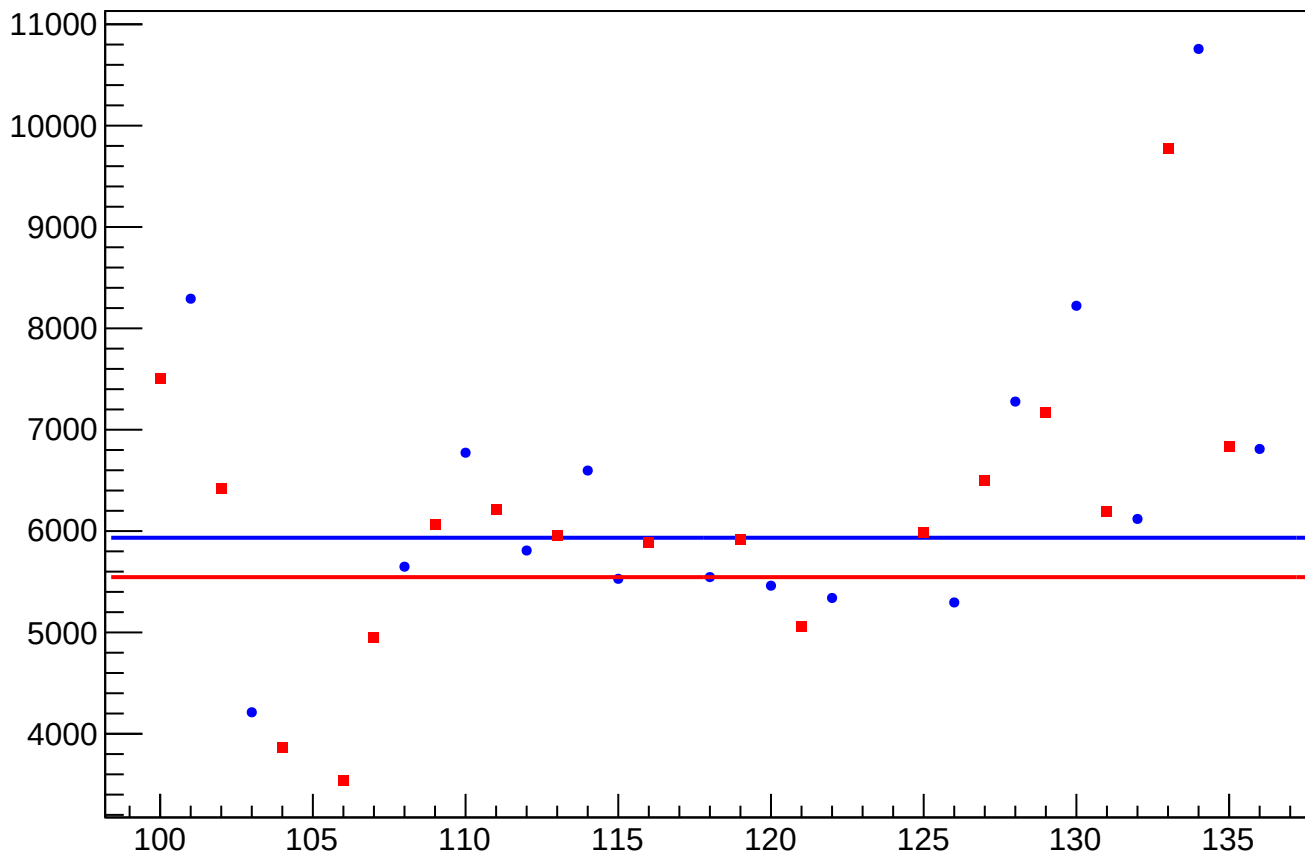
Right: 587.511 $\pm$ 1561.068 χ^2 /NDF: 30.2/32

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: 587.511 $\pm$ 1561.068 χ^2 /NDF: 30.2/32

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: 5545.691+/-1.524 χ^2/NDF : 711982.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

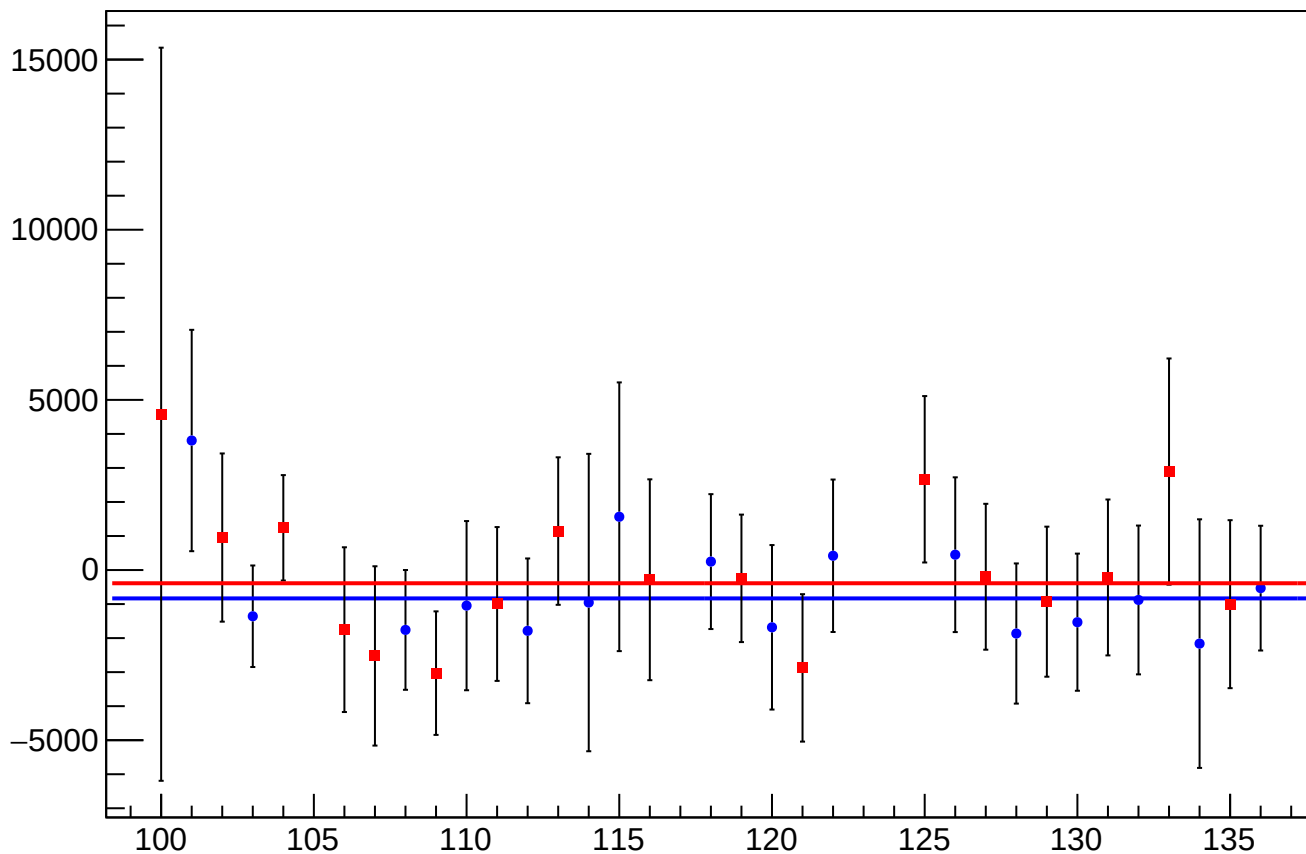
Right: 5730.363+/-1.104 χ^2/NDF : 1395960.6/32

In: 5934.209+/-1.601 χ^2/NDF : 653082.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5730.363+/-1.104 χ^2/NDF : 1395960.6/32

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -833.542+/-554.833 χ^2/NDF : 4.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -388.240+/-553.410 χ^2/NDF : 9.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

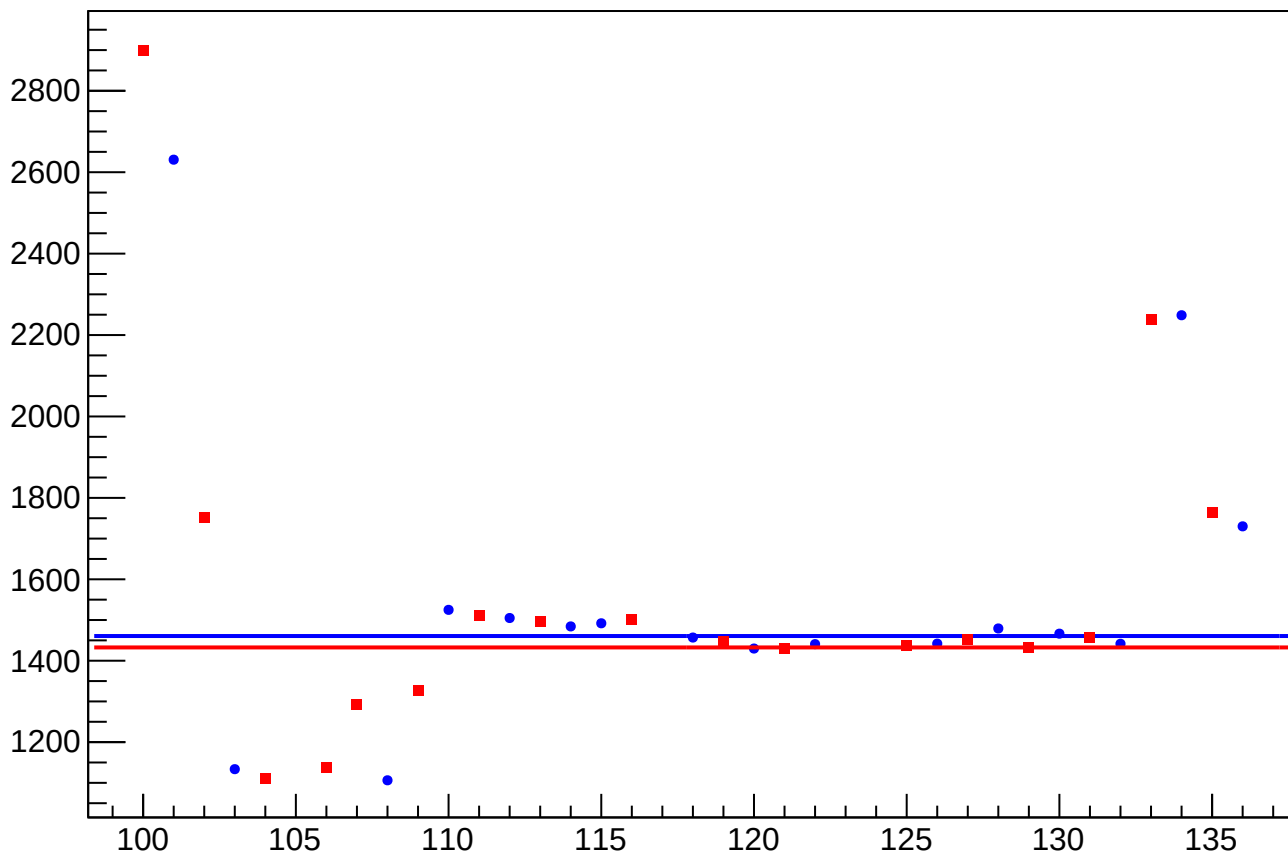
Right: -610.319+/-391.822 χ^2/NDF : 14.2/32

In: -833.542+/-554.833 χ^2/NDF : 4.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -610.319+/-391.822 χ^2/NDF : 14.2/32

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: 1432.622+/-0.390 χ^2/NDF : 360997.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

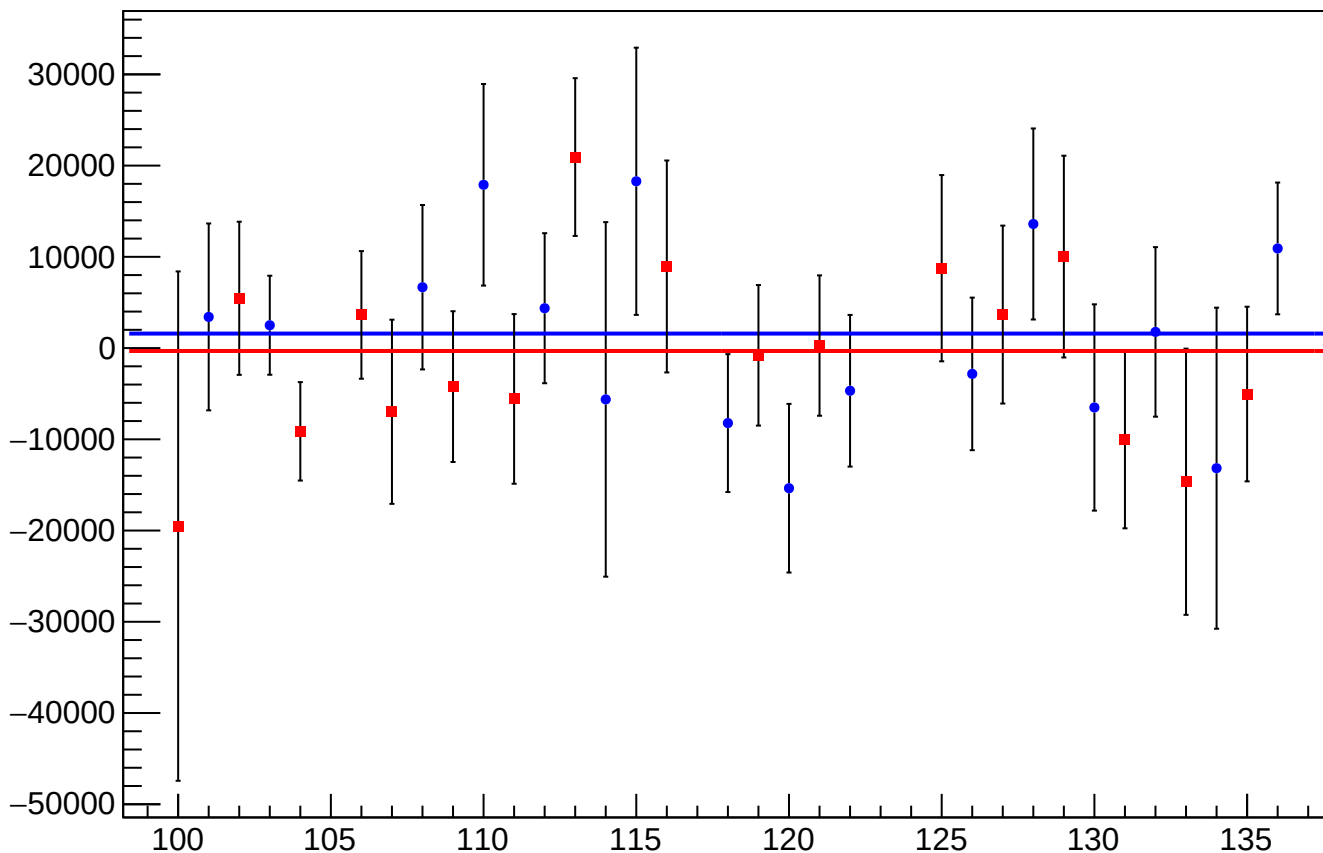
Right: 1446.569+/-0.277 χ^2/NDF : 939298.4/32

In: 1460.653+/-0.392 χ^2/NDF : 575736.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1446.569+/-0.277 χ^2/NDF : 939298.4/32

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: -319.467 $\pm$ 2155.145 χ^2 /NDF: 15.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

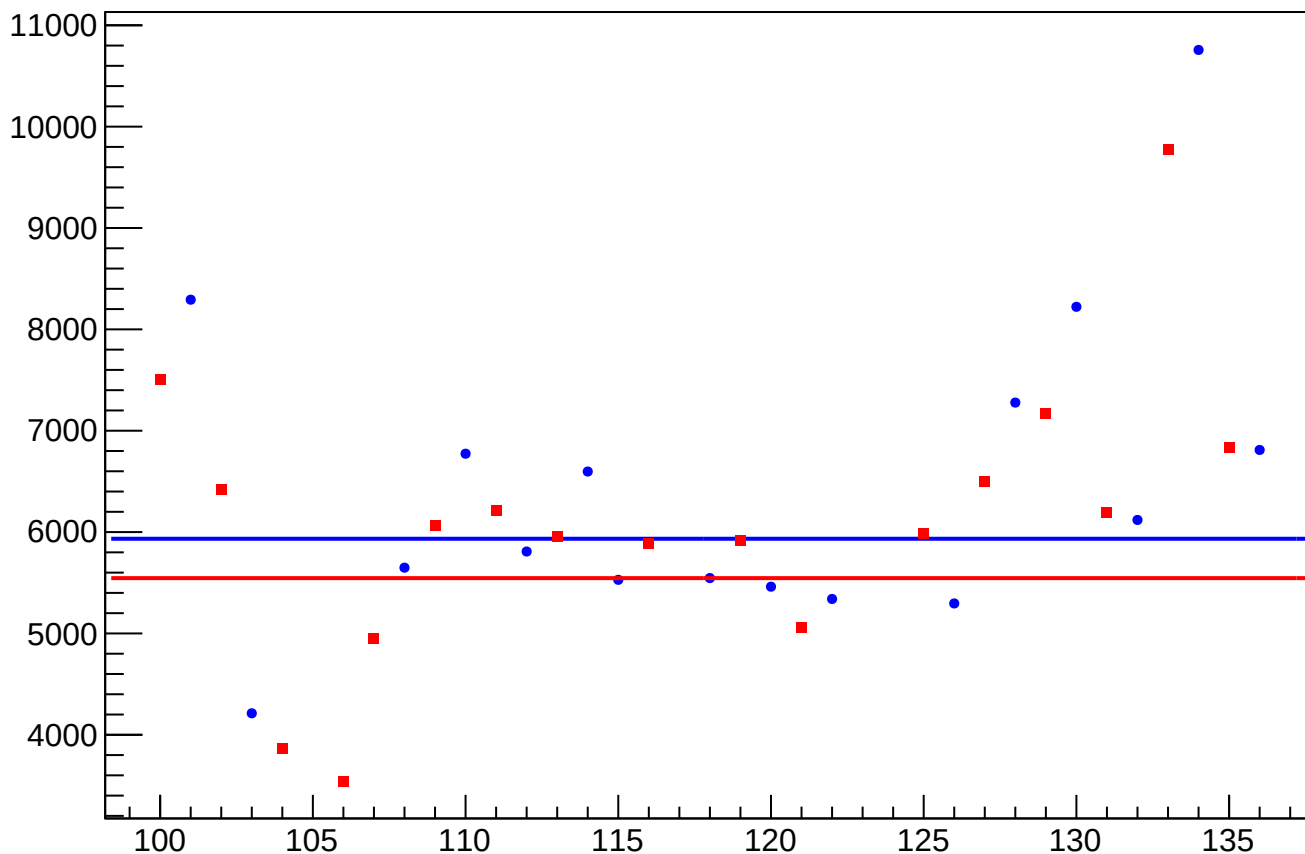
Right: 587.511 $\pm$ 1561.068 χ^2 /NDF: 30.2/32

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: 587.511 $\pm$ 1561.068 χ^2 /NDF: 30.2/32

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: 5545.691+/-1.524 χ^2 /NDF: 711982.6/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

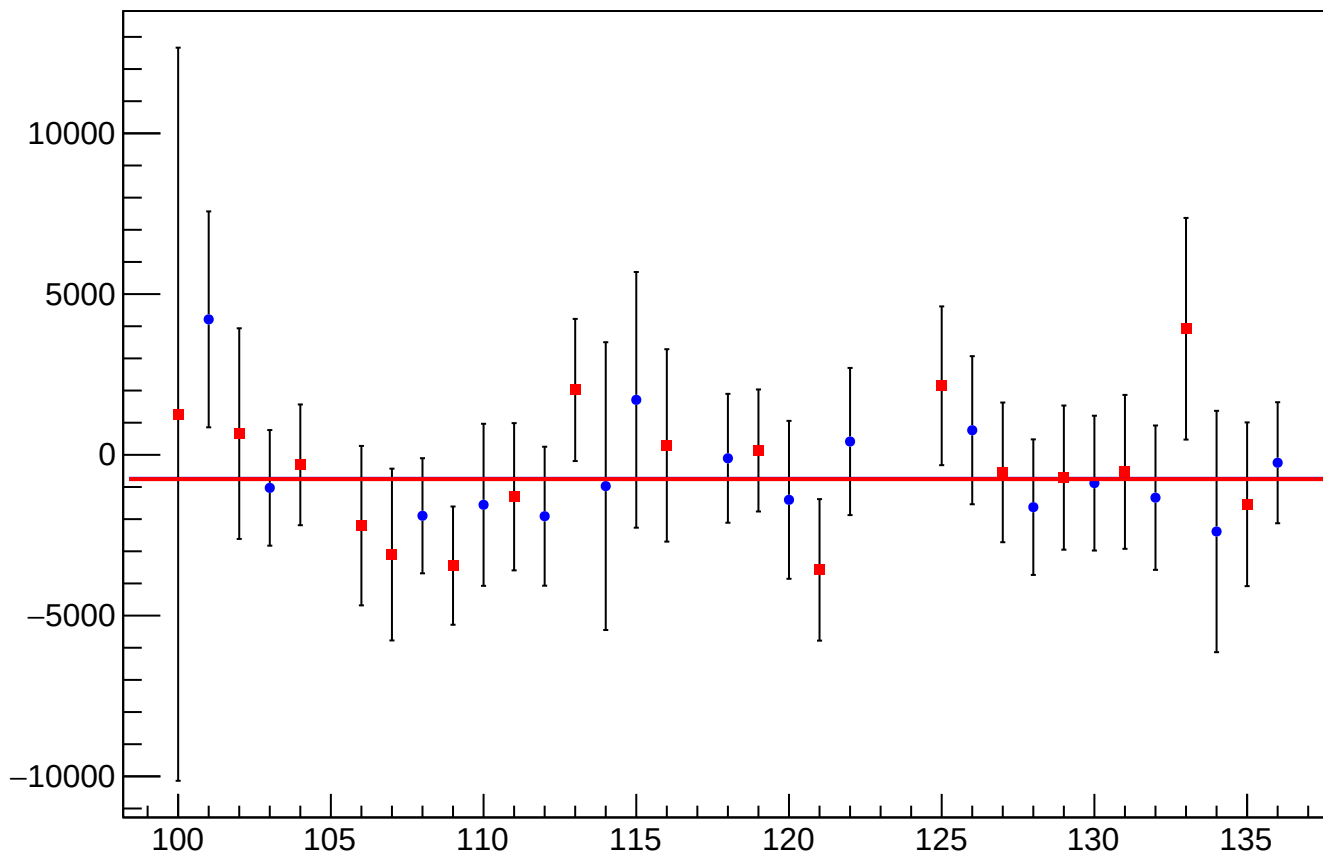
Right: 5730.363+/-1.104 χ^2 /NDF: 1395960.6/32

In: 5934.209+/-1.601 χ^2 /NDF:653082.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5730.363+/-1.104 χ^2 /NDF: 1395960.6/32

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -745.914+/-578.071 χ^2/NDF : 4.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -754.884+/-581.084 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

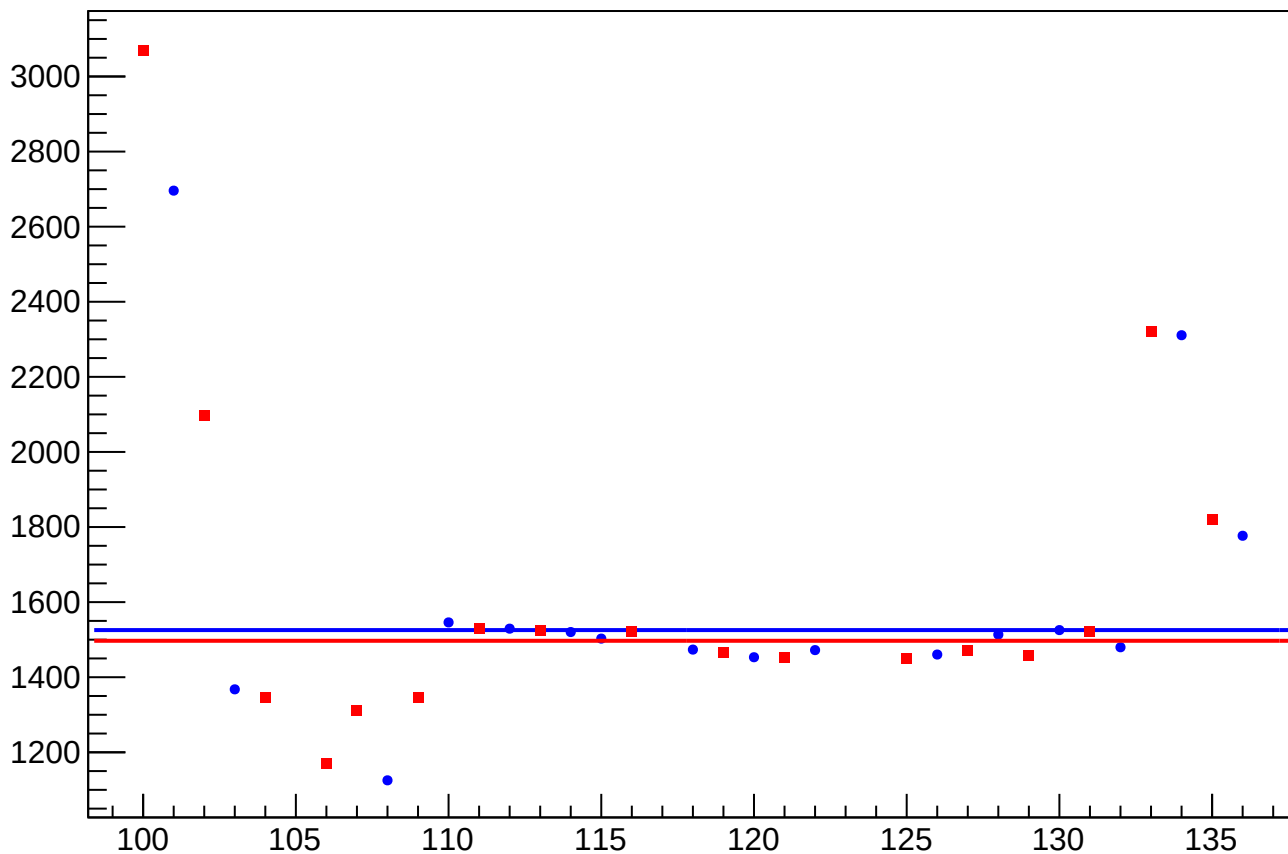
Right: -750.376+/-409.819 χ^2/NDF : 15.2/32

In: -745.914+/-578.071 χ^2/NDF : 4.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -750.376+/-409.819 χ^2/NDF : 15.2/32

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: 1497.031+/-0.411 χ^2/NDF : 326612.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

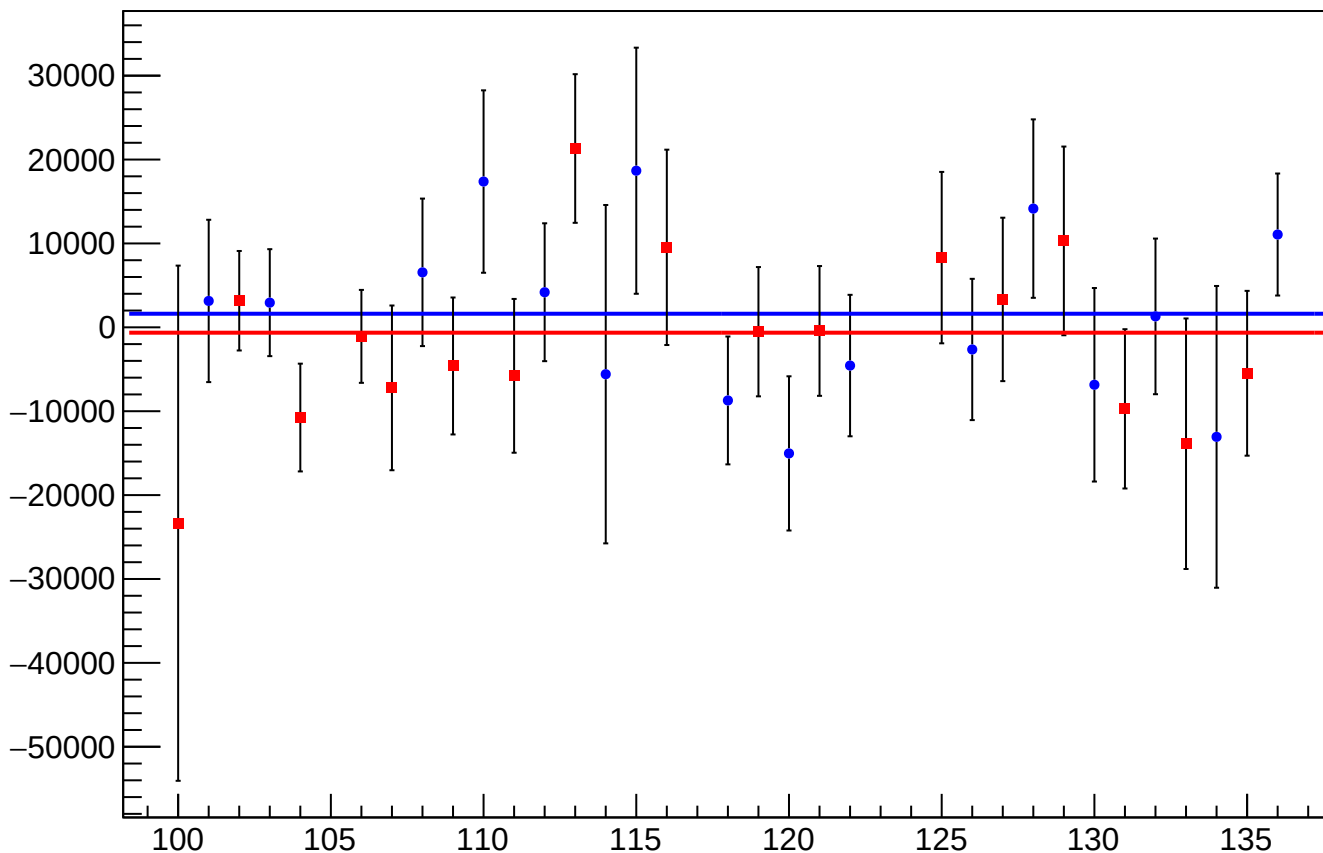
Right: 1511.353+/-0.290 χ^2/NDF : 817359.9/32

In: 1525.536+/-0.409 χ^2/NDF : 488328.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.353+/-0.290 χ^2/NDF : 817359.9/32

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 1620.058 $\pm$ 2320.032 χ^2 /NDF: 14.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -639.920 $\pm$ 2079.622 χ^2 /NDF: 15.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

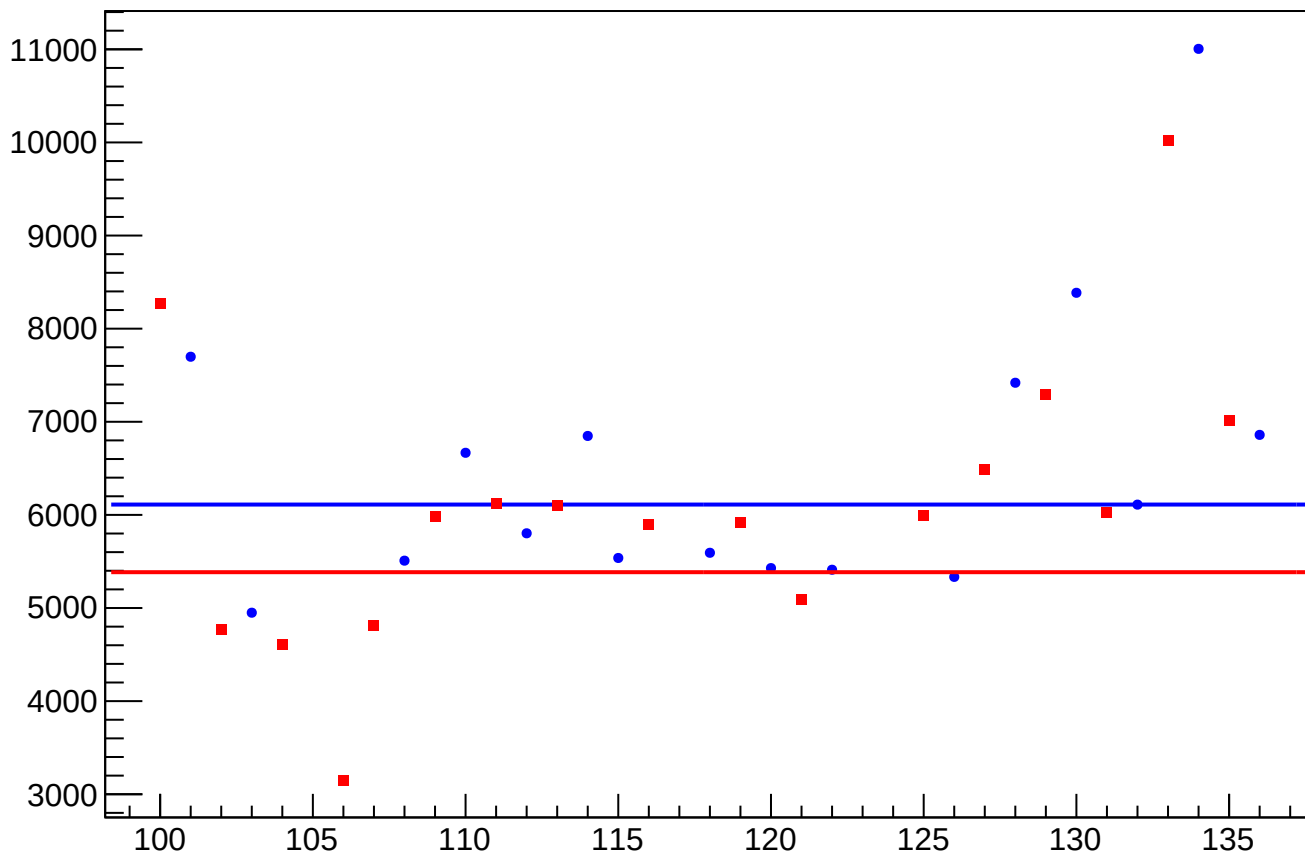
Right: 366.945 $\pm$ 1548.558 χ^2 /NDF: 30.0/32

In: 1620.058 $\pm$ 2320.032 χ^2 /NDF:14.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 366.945 $\pm$ 1548.558 χ^2 /NDF: 30.0/32

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: 5384.712+/-1.471 χ^2 /NDF: 801962.1/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

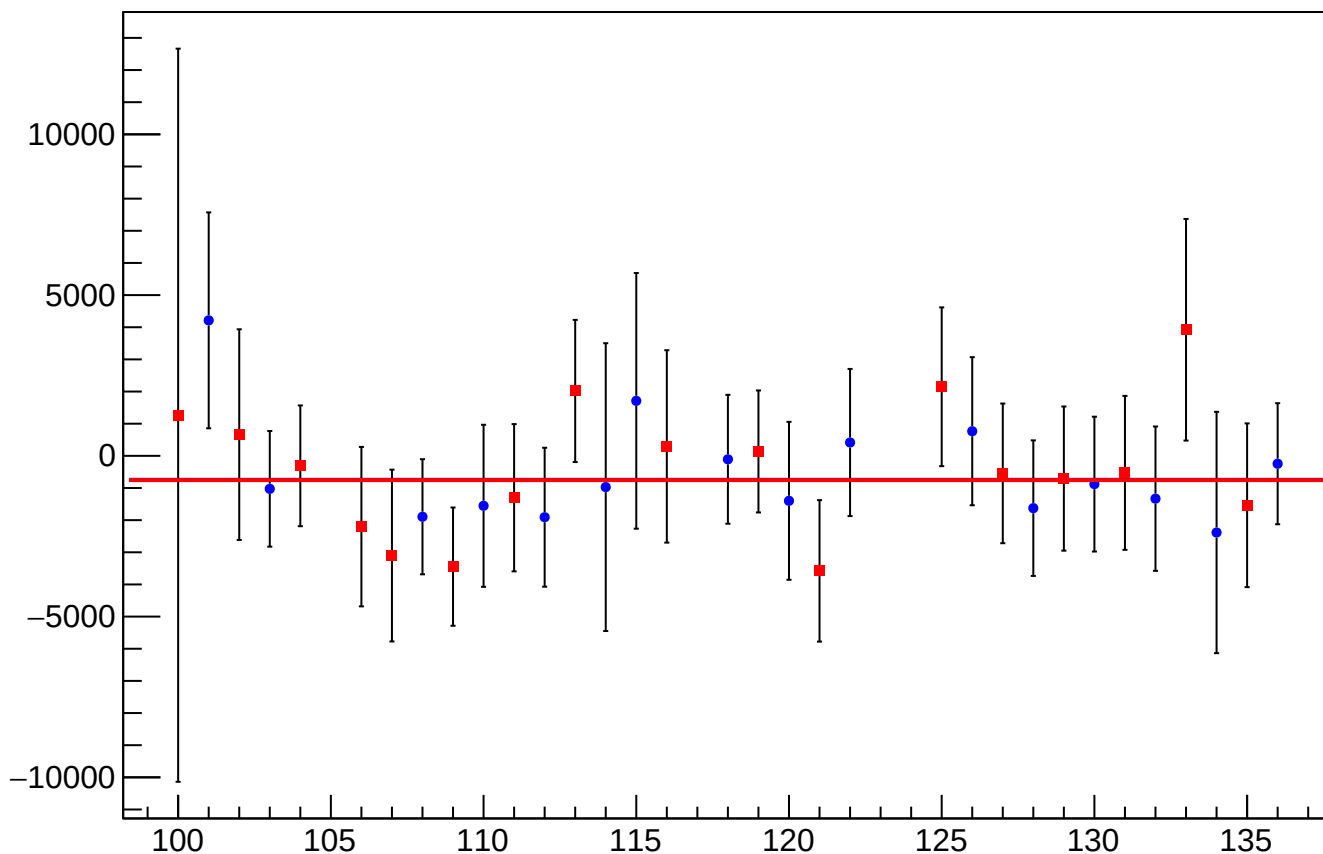
Right: 5708.304+/-1.095 χ^2 /NDF: 1382313.6/32

In: 6111.037+/-1.641 χ^2 /NDF:471661.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 5708.304+/-1.095 χ^2 /NDF: 1382313.6/32

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: -754.895+/-581.084 χ^2 /NDF: 10.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

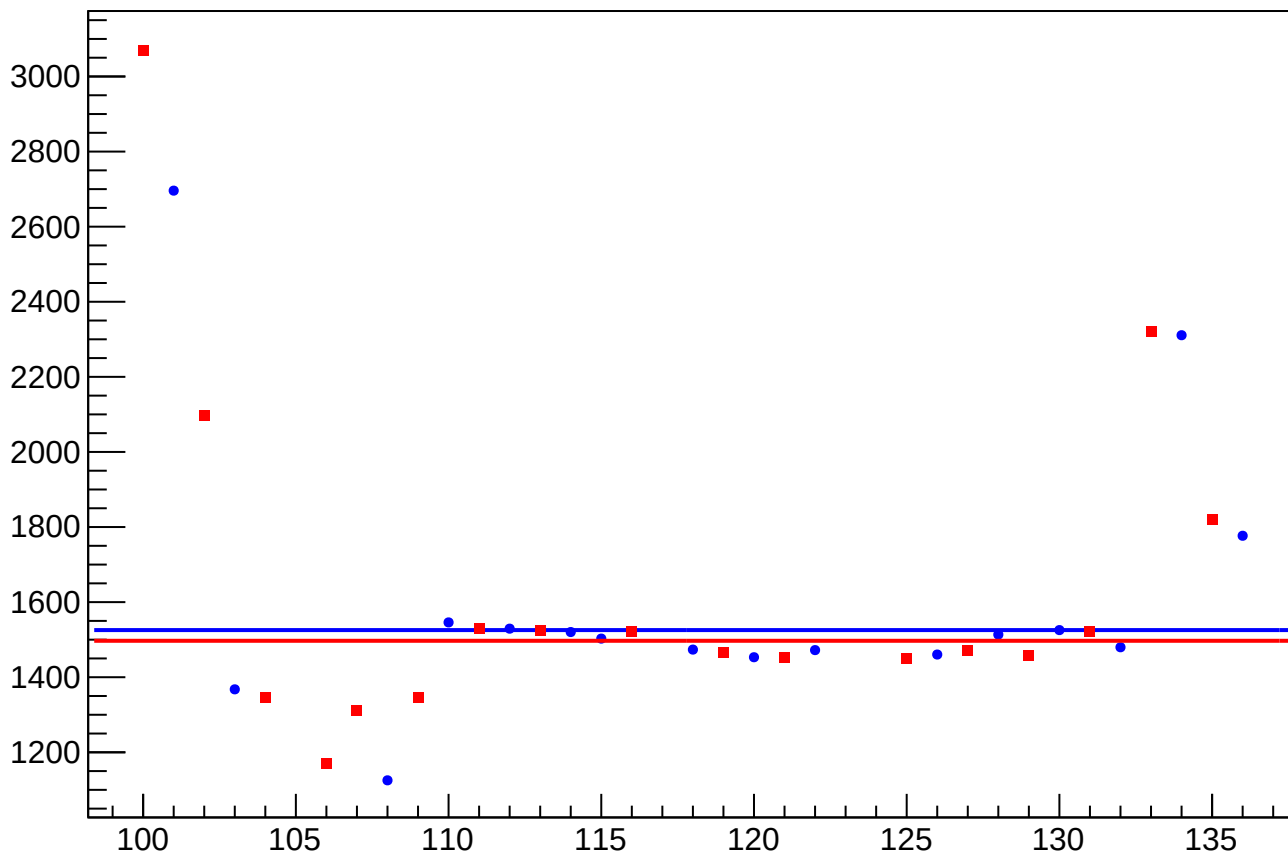
Right: -750.383+/-409.819 χ^2 /NDF: 15.2/32

In: -745.918+/-578.071 χ^2 /NDF:4.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -750.383+/-409.819 χ^2 /NDF: 15.2/32

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: 1497.031+/-0.411 χ^2/NDF : 326612.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

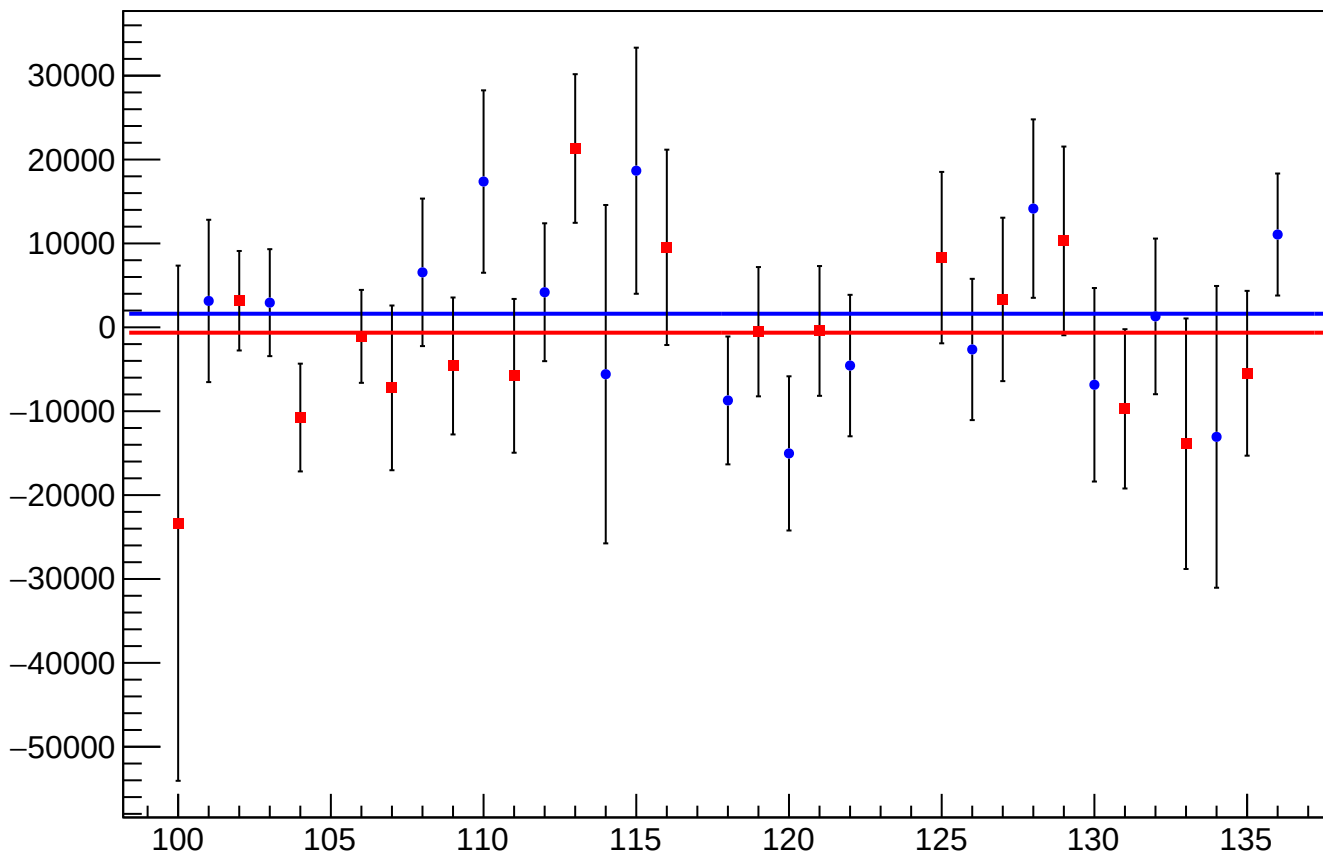
Right: 1511.354+/-0.290 χ^2/NDF : 817359.7/32

In: 1525.536+/-0.409 χ^2/NDF : 488327.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1511.354+/-0.290 χ^2/NDF : 817359.7/32

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: -639.924 $\pm$ 2079.618 χ^2 /NDF: 15.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

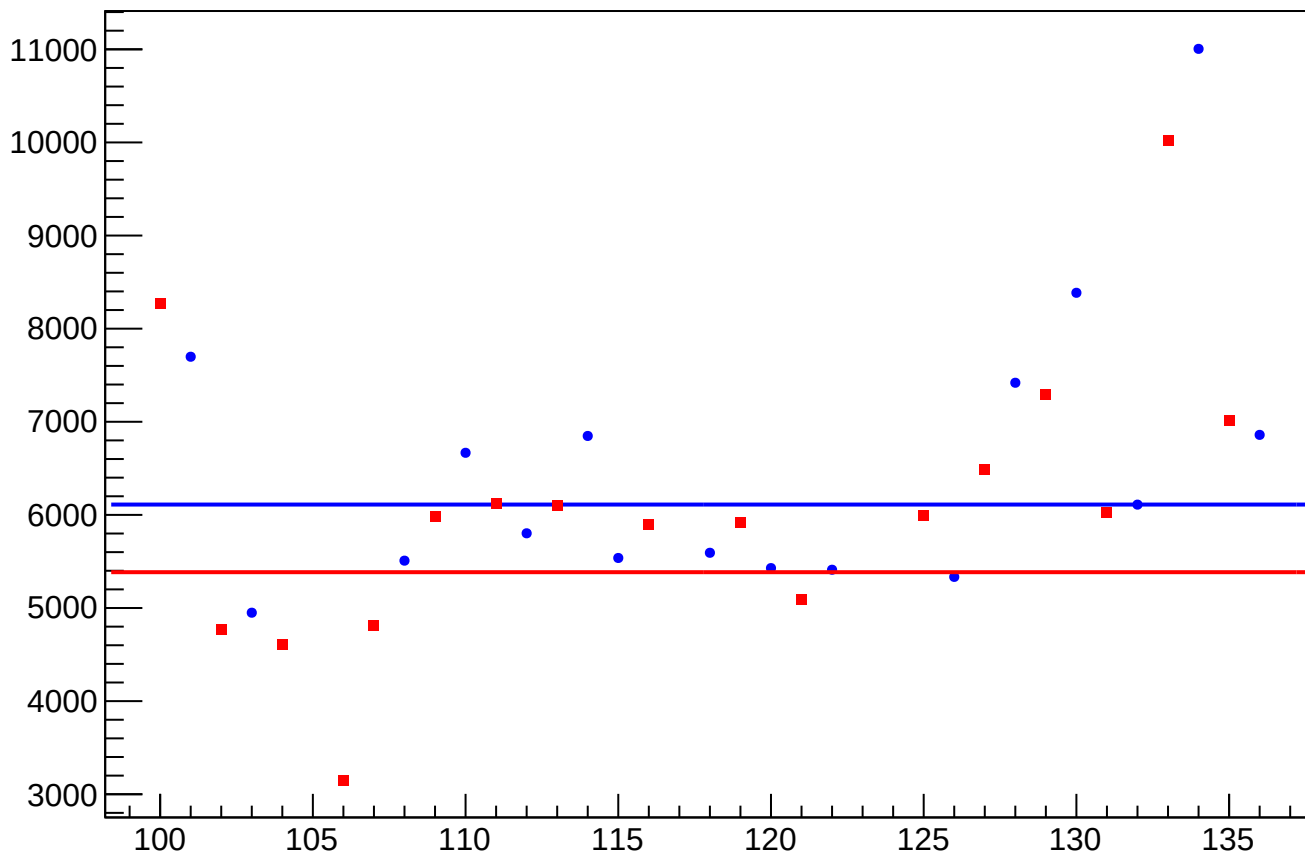
Right: 366.934 $\pm$ 1548.555 χ^2 /NDF: 30.0/32

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: 366.934 $\pm$ 1548.555 χ^2 /NDF: 30.0/32

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: 5384.700+/-1.471 χ^2/NDF : 801961.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

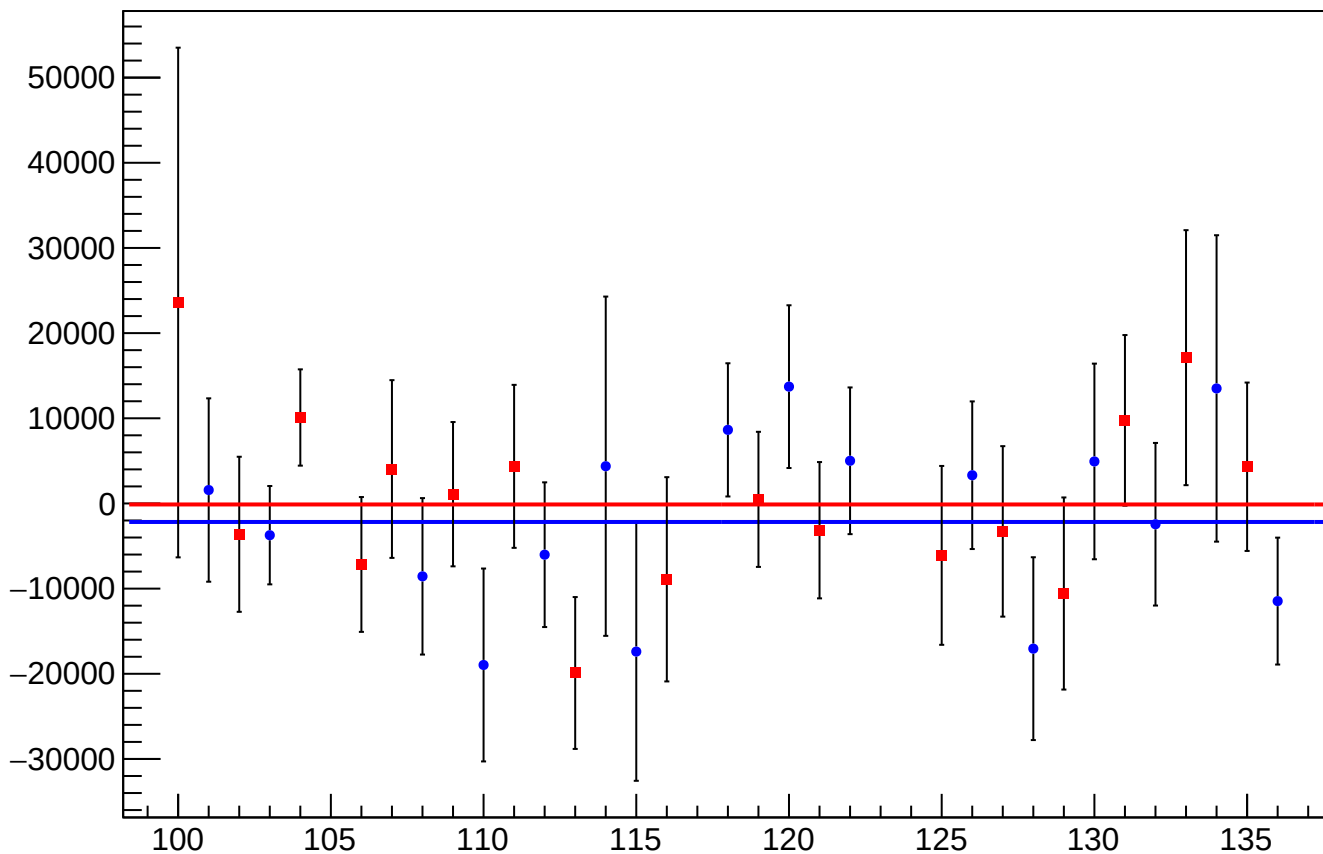
Right: 5708.292+/-1.095 χ^2/NDF : 1382315.3/32

In: 6111.023+/-1.641 χ^2/NDF : 471663.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5708.292+/-1.095 χ^2/NDF : 1382315.3/32

asym_us_avg_at2lr_avg_dd_mean vs Slug, Sign Corrected



Right In: -2174.048 $\pm$ 2347.664 χ^2 /NDF: 14.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.144 $\pm$ 2252.524 χ^2 /NDF: 14.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

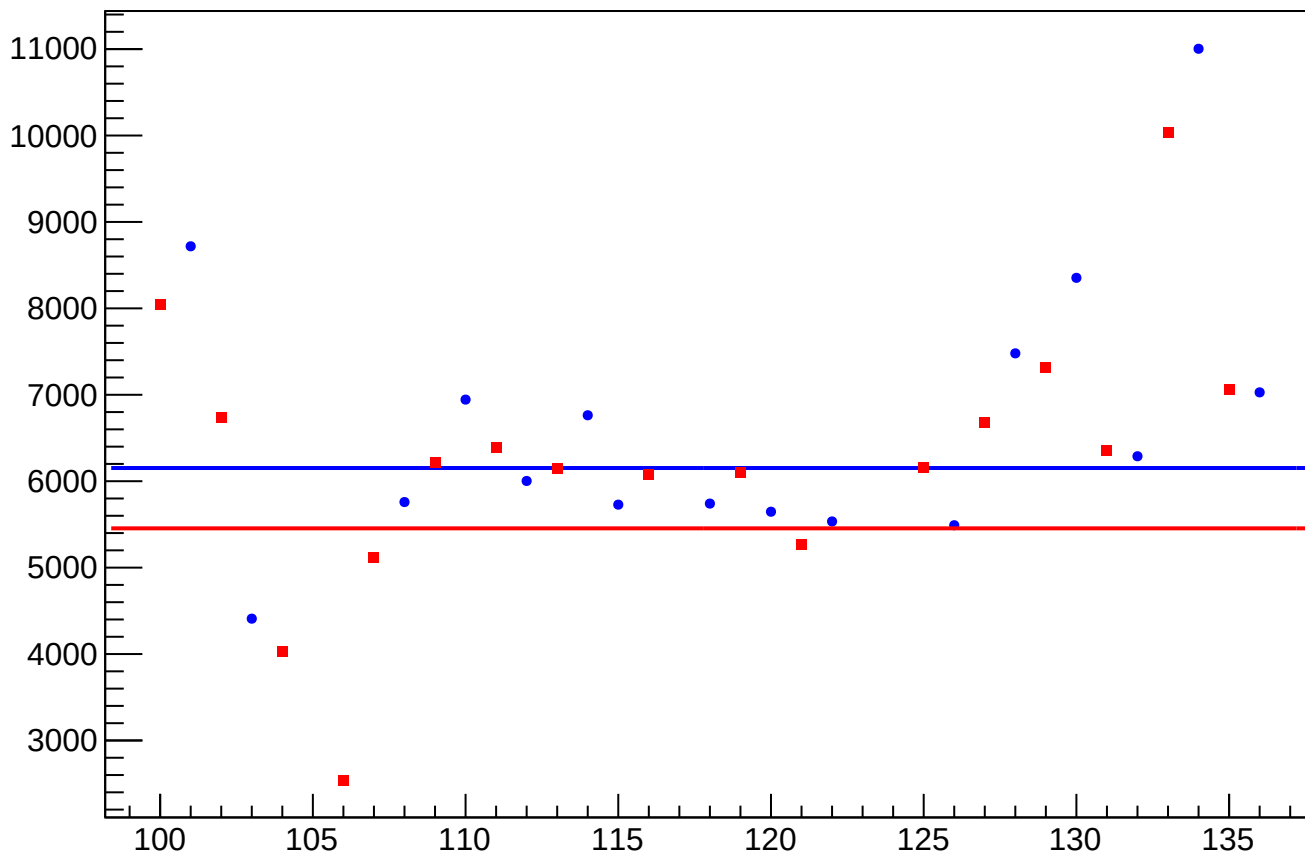
Right: -1103.595 $\pm$ 1625.369 χ^2 /NDF: 29.6/32

In: -2174.048 $\pm$ 2347.664 χ^2 /NDF: 14.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1103.595 $\pm$ 1625.369 χ^2 /NDF: 29.6/32

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: 5454.507+/-1.534 χ^2/NDF : 1130523.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

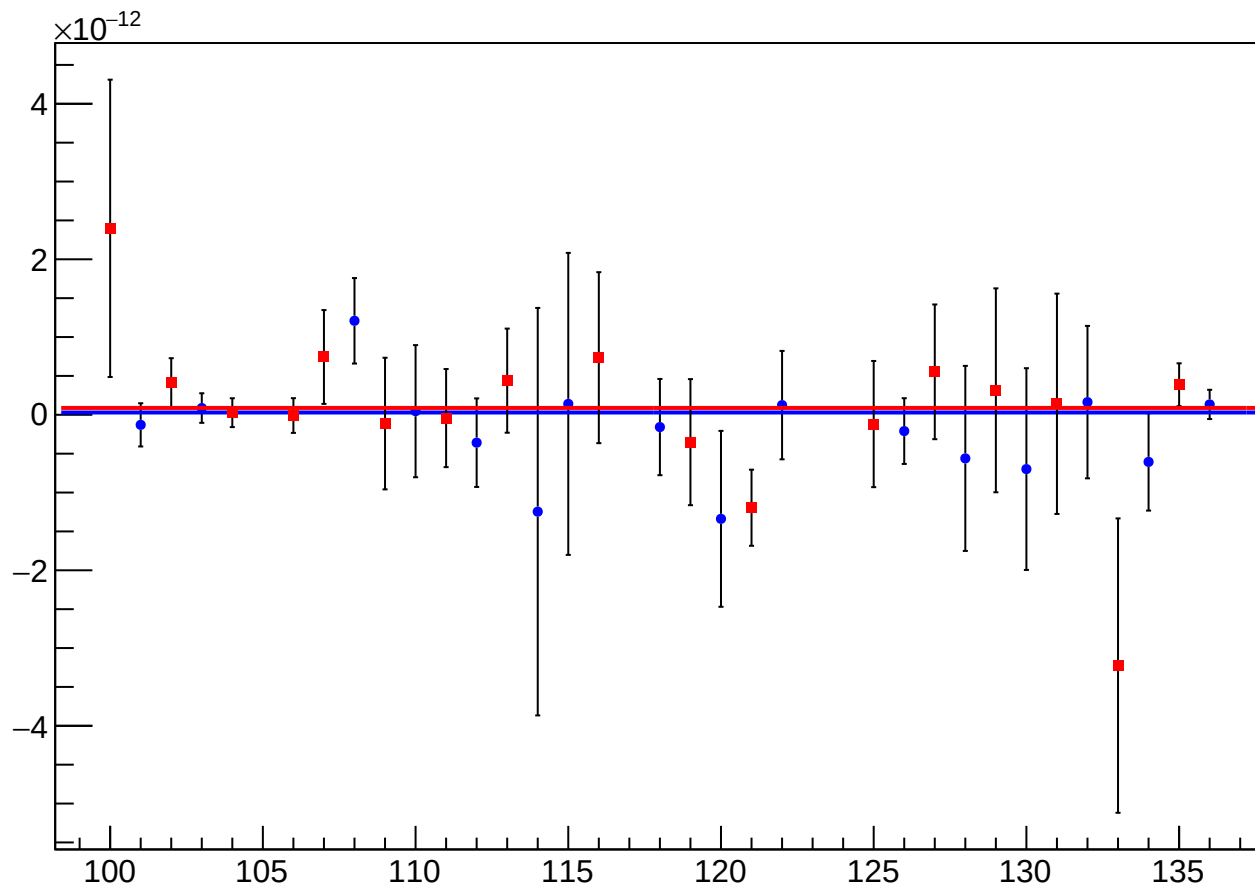
Right: 5776.186+/-1.127 χ^2/NDF : 1849939.7/32

In: 6152.690+/-1.660 χ^2/NDF : 624026.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5776.186+/-1.127 χ^2/NDF : 1849939.7/32

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 : 16.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

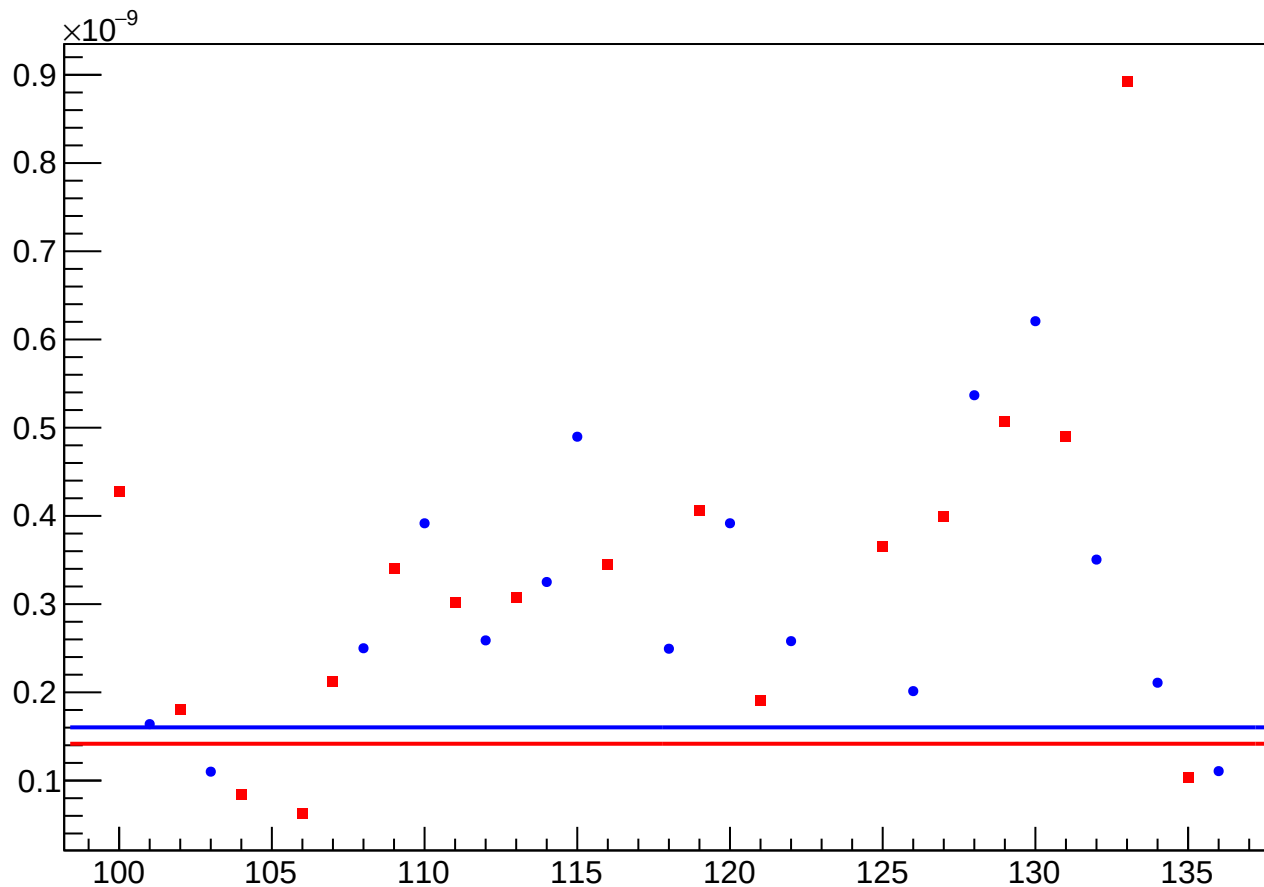
Right: 0.000+/-0.000 χ^2/NDF : 26.2/32

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 : 26.2/32

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 : 2165159.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

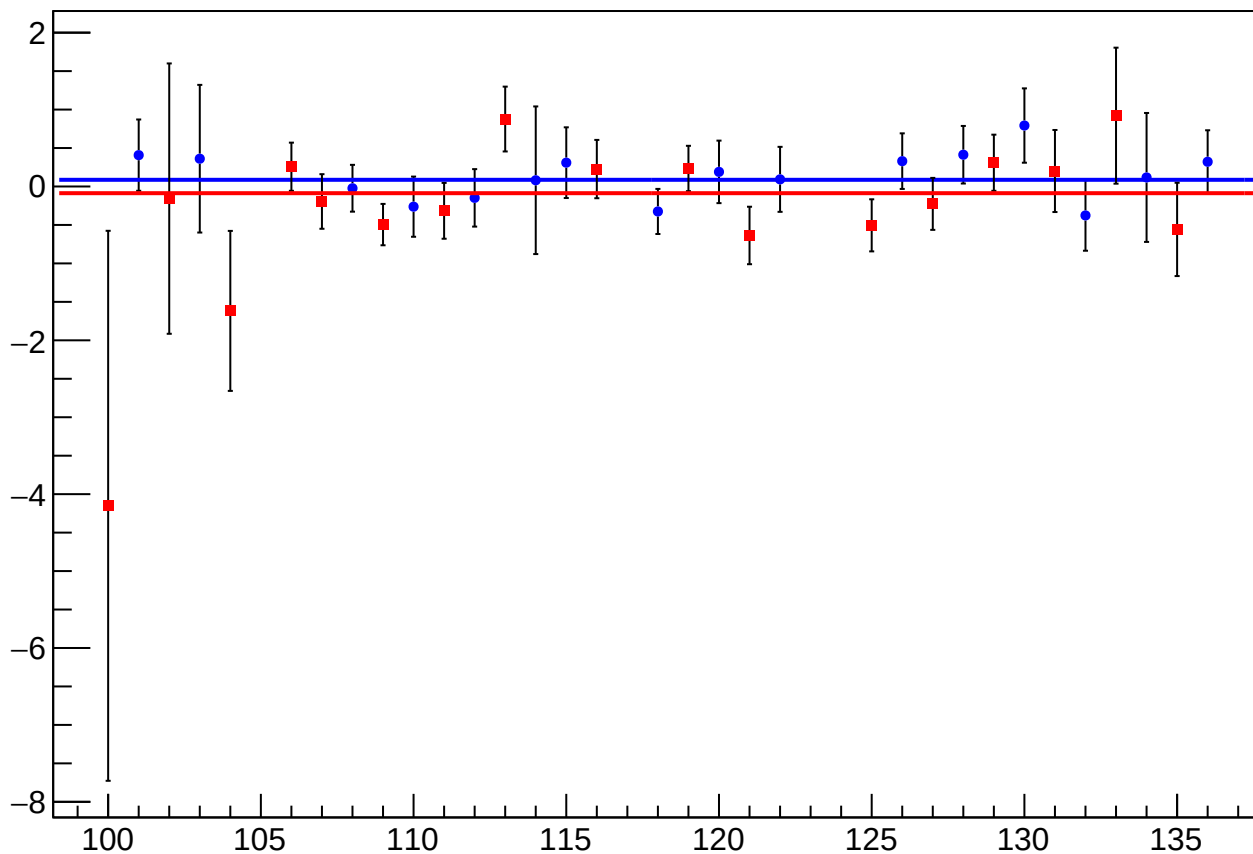
Right: 0.000+/-0.000 χ^2/NDF : 3526712.7/32

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 : 3526712.7/32

asym_us_avg_at2lr_avg_dd_dit_vs_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: -0.087 $\pm$ 0.098 χ^2 /NDF: 21.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

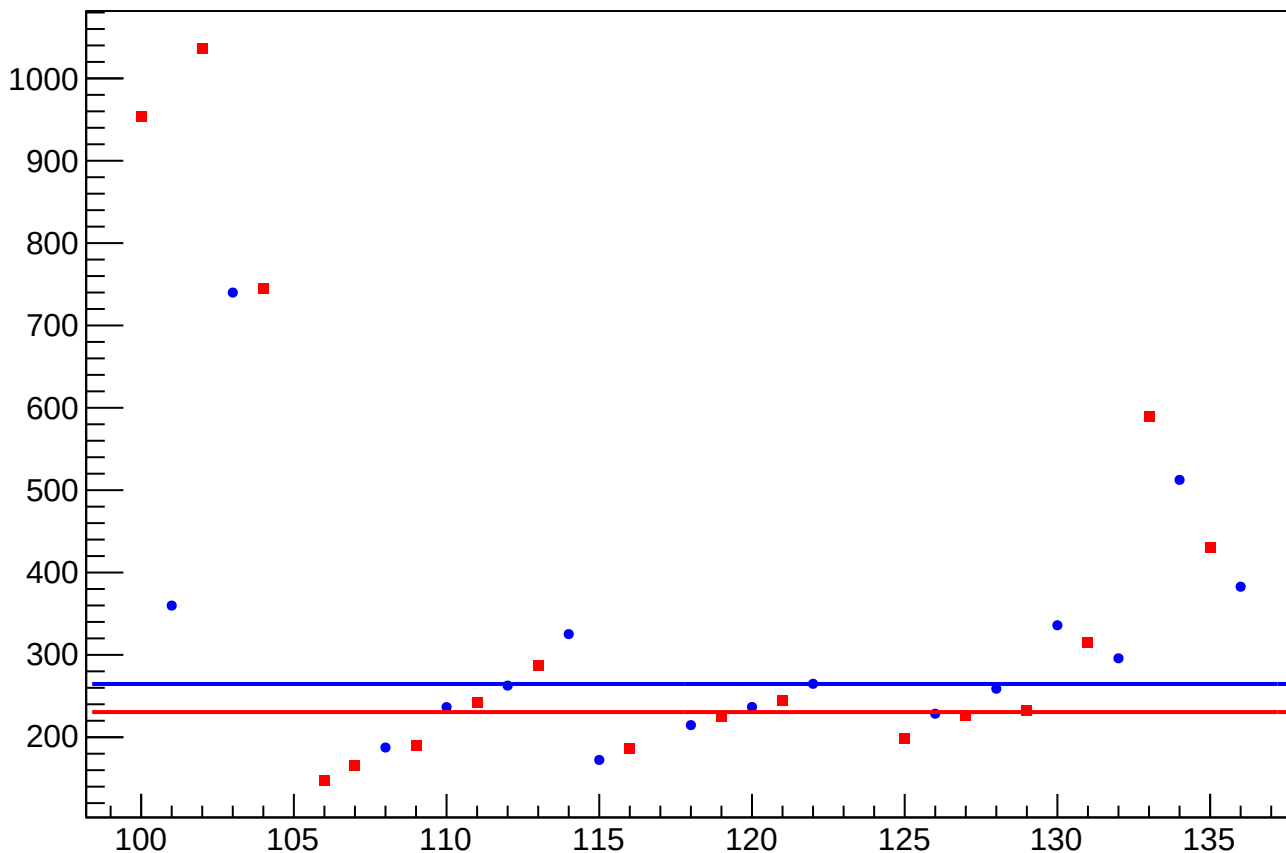
Right: -0.006 $\pm$ 0.072 χ^2 /NDF: 32.1/32

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 $\pm$ 0.072 χ^2 /NDF: 32.1/32

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 264.667+/-0.074 χ^2/NDF : 1284007.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.565+/-0.069 χ^2/NDF : 1929645.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

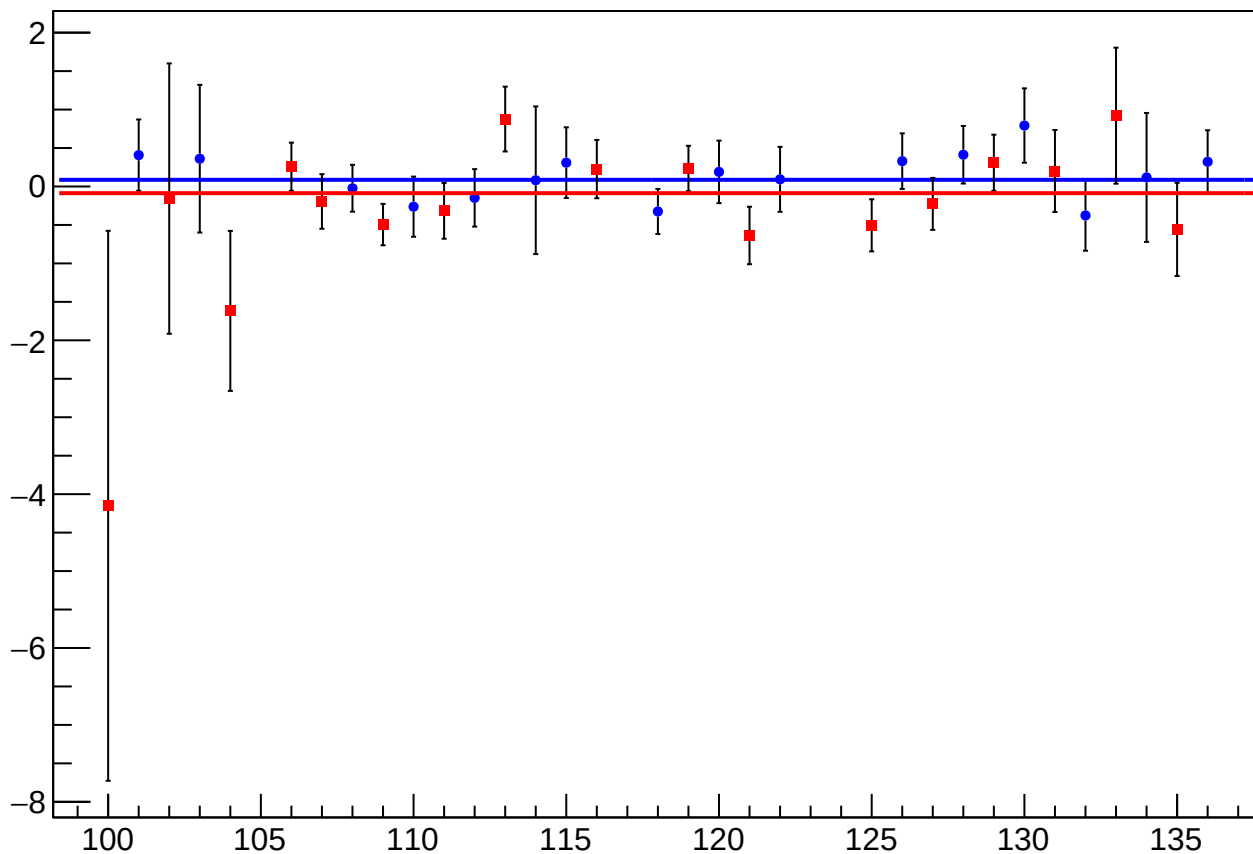
Right: 246.385+/-0.051 χ^2/NDF : 3326584.3/32

In: 264.667+/-0.074 χ^2/NDF : 1284007.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.385+/-0.051 χ^2/NDF : 3326584.3/32

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: -0.087 $\pm$ 0.098 χ^2 /NDF: 21.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

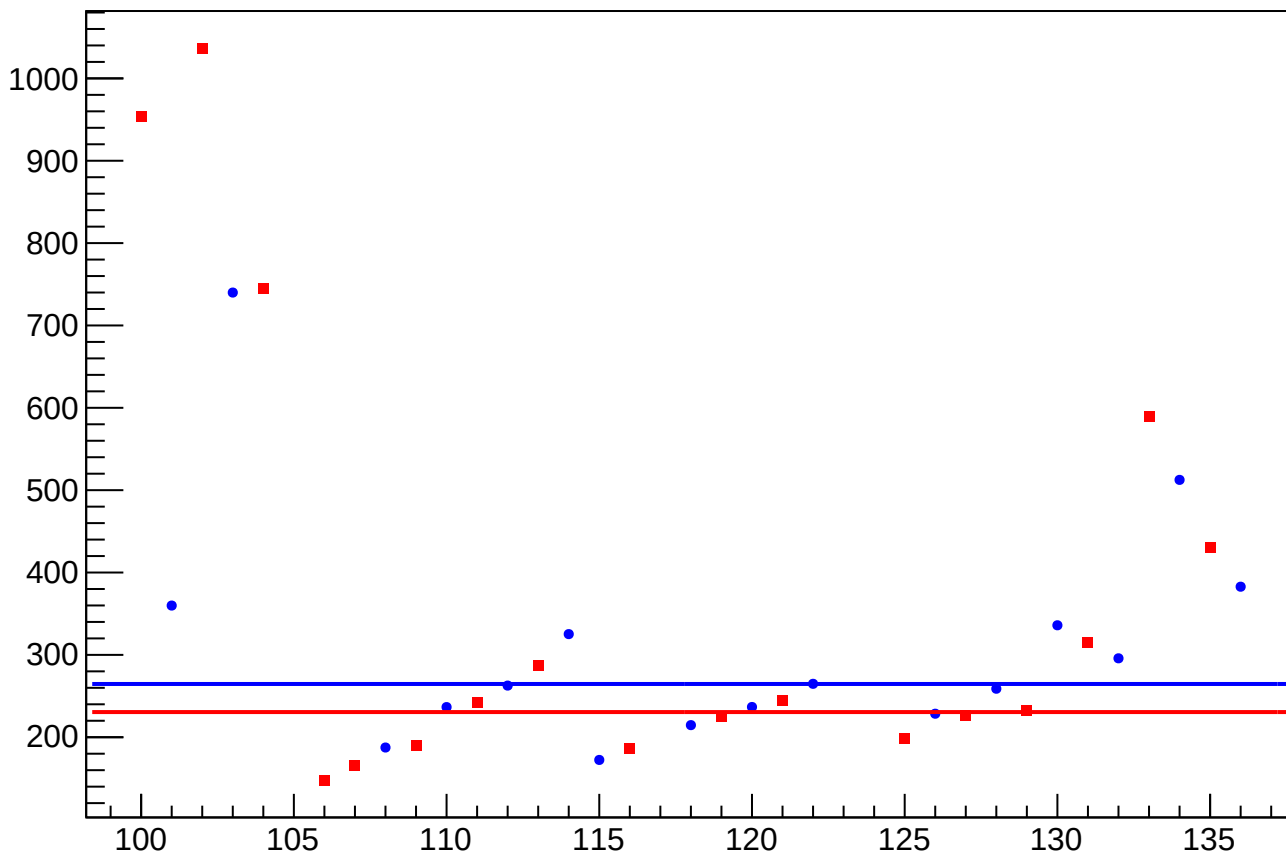
Right: -0.006 $\pm$ 0.072 χ^2 /NDF: 32.1/32

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 $\pm$ 0.072 χ^2 /NDF: 32.1/32

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: 230.565 $\pm$ 0.069 χ^2 /NDF: 1929645.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

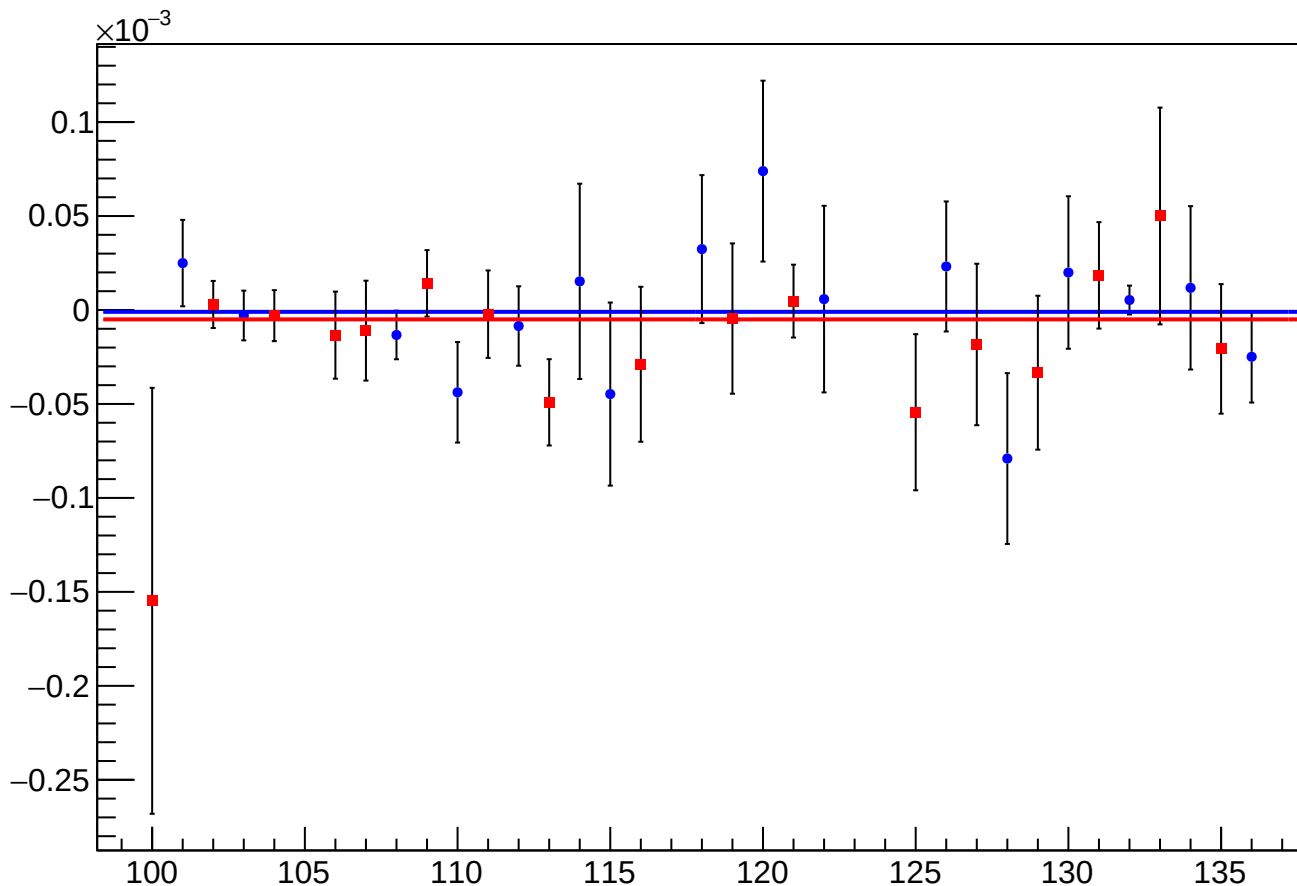
Right: 246.385 $\pm$ 0.051 χ^2 /NDF: 3326584.3/32

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: 246.385 $\pm$ 0.051 χ^2 /NDF: 3326584.3/32

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 : 11.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

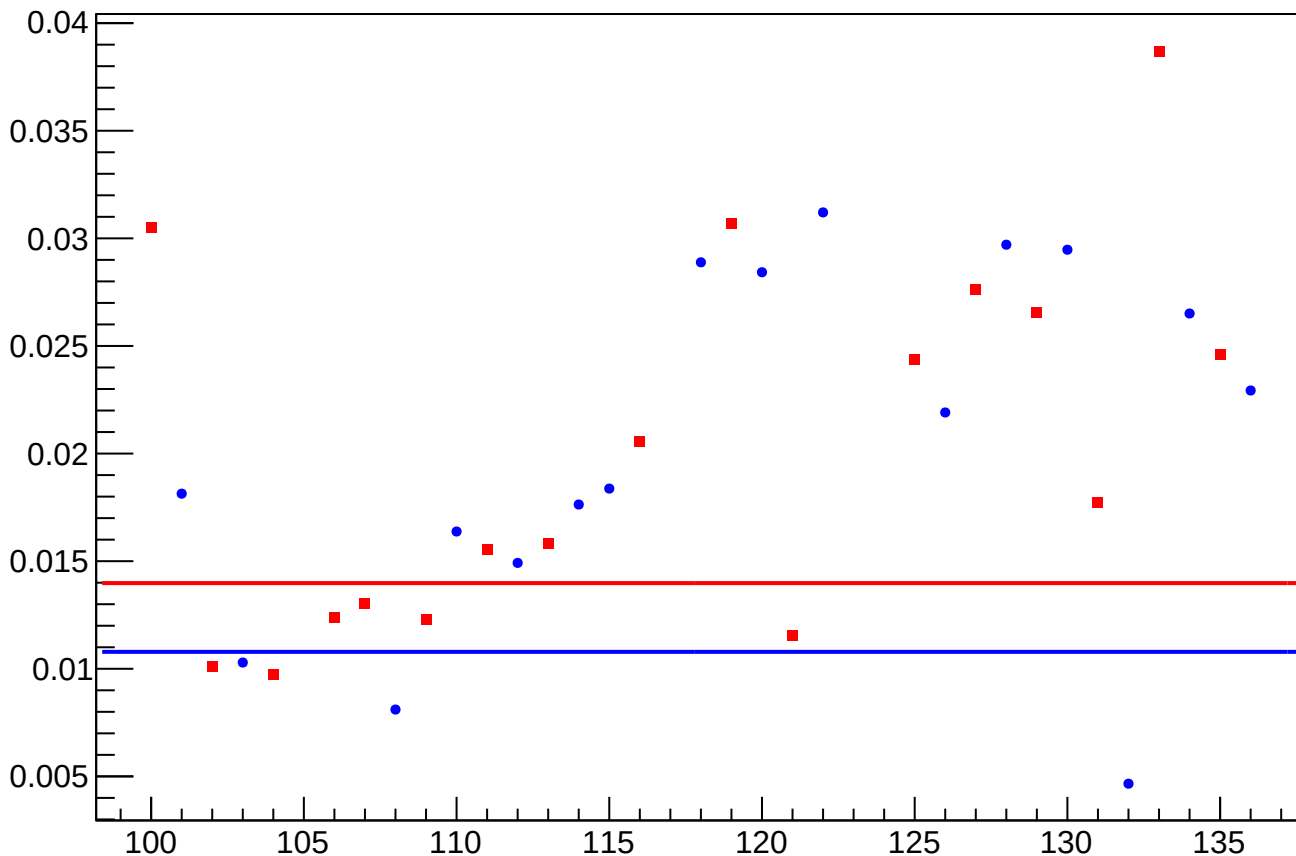
Right: -0.000+/-0.000 χ^2/NDF : 26.3/32

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 : 26.3/32

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 : 2021667.5/16

Left 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 : 6954410.7/32

In: 0.011+/-0.000

χ^2/NDF : 4580054.6/15

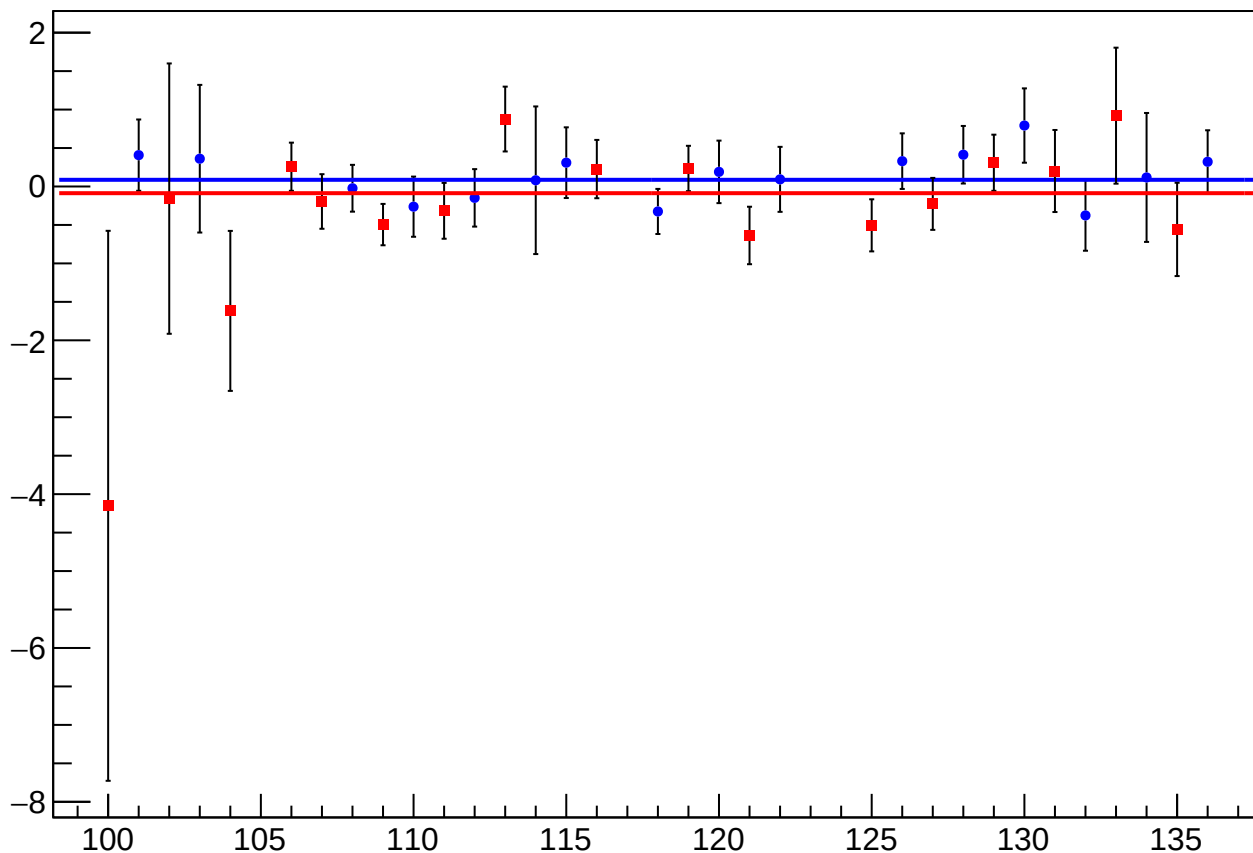
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 6954410.7/32

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_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: -0.087 $\pm$ 0.098 χ^2 /NDF: 21.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

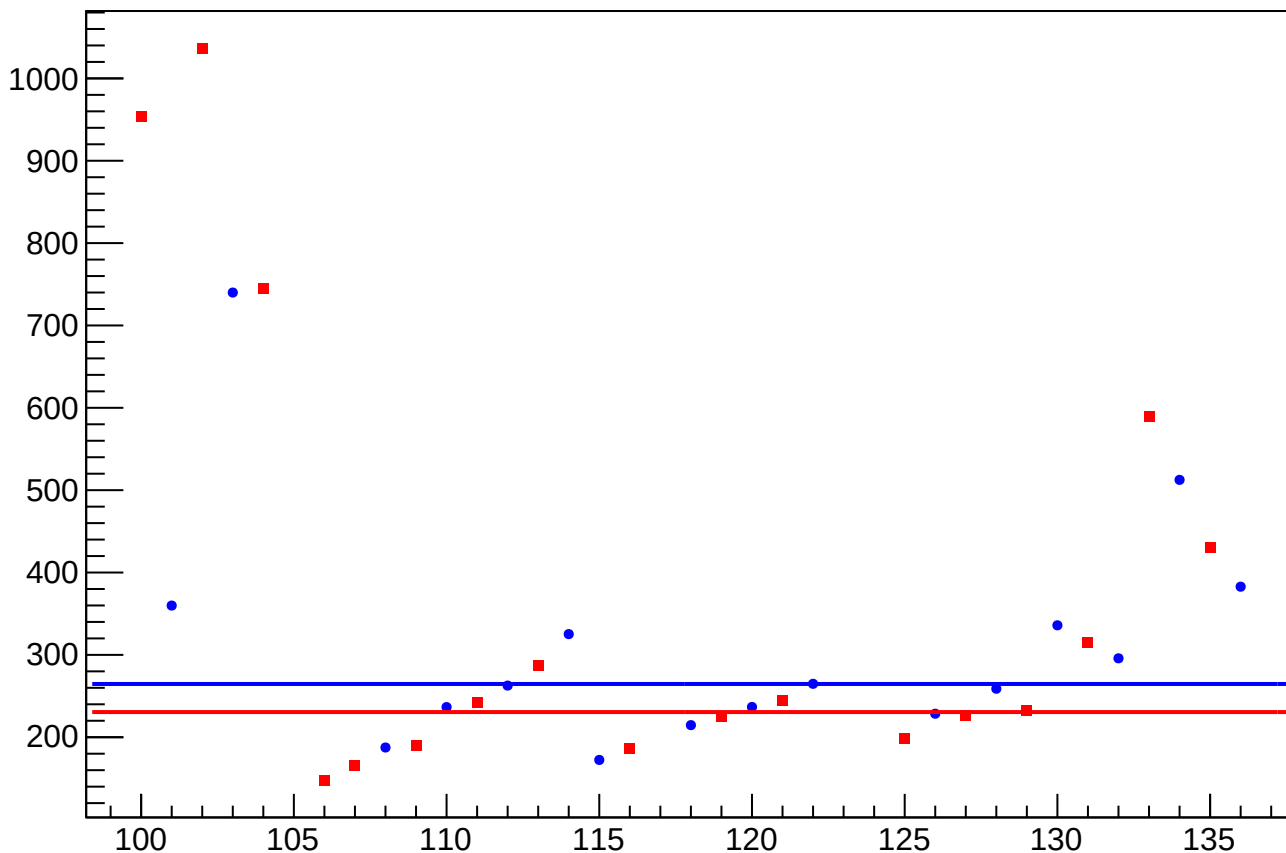
Right: -0.006 $\pm$ 0.072 χ^2 /NDF: 32.1/32

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 $\pm$ 0.072 χ^2 /NDF: 32.1/32

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_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: 230.566+/-0.069 χ^2/NDF : 1929633.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

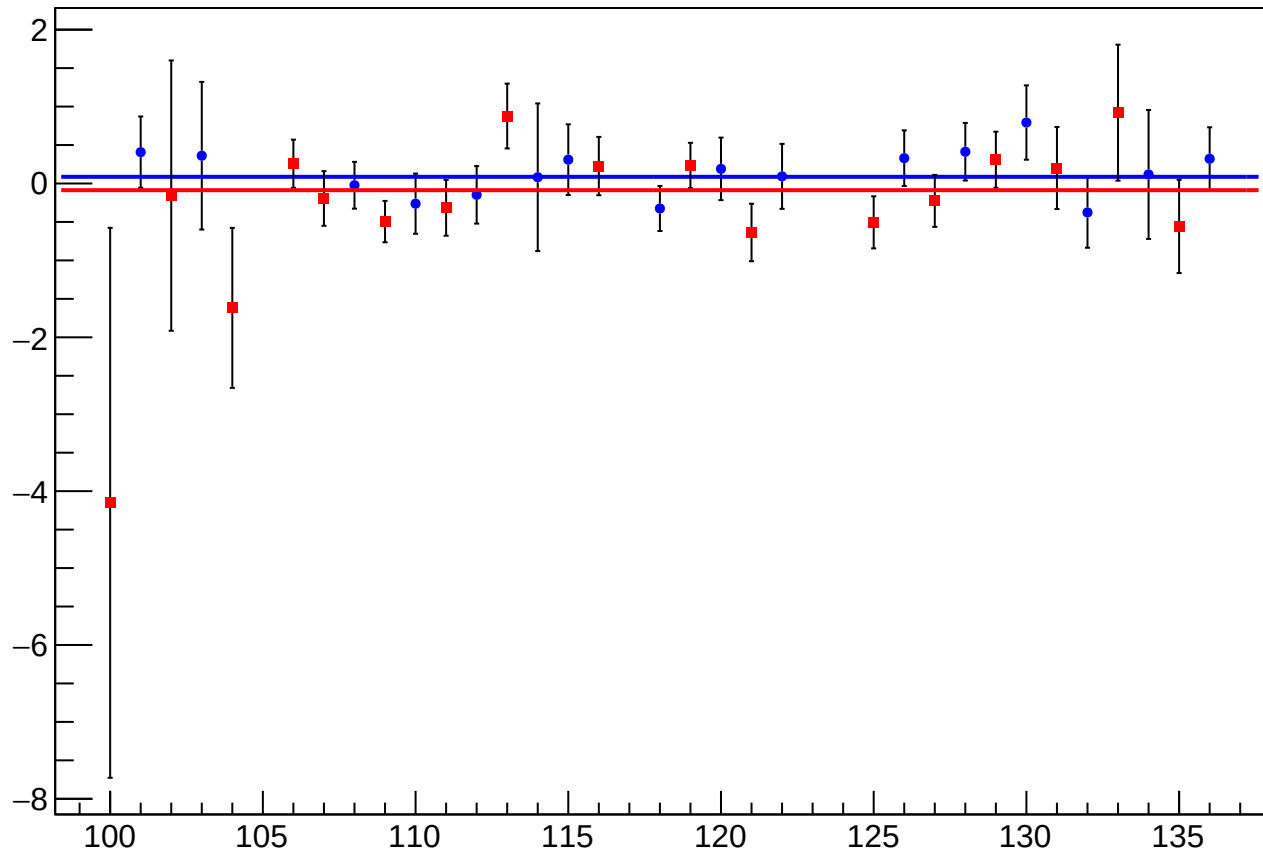
Right: 246.386+/-0.051 χ^2/NDF : 3326537.1/32

In: 264.667+/-0.074 χ^2/NDF : 1283977.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.386+/-0.051 χ^2/NDF : 3326537.1/32

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: -0.087 ± 0.098 χ^2/NDF : 21.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

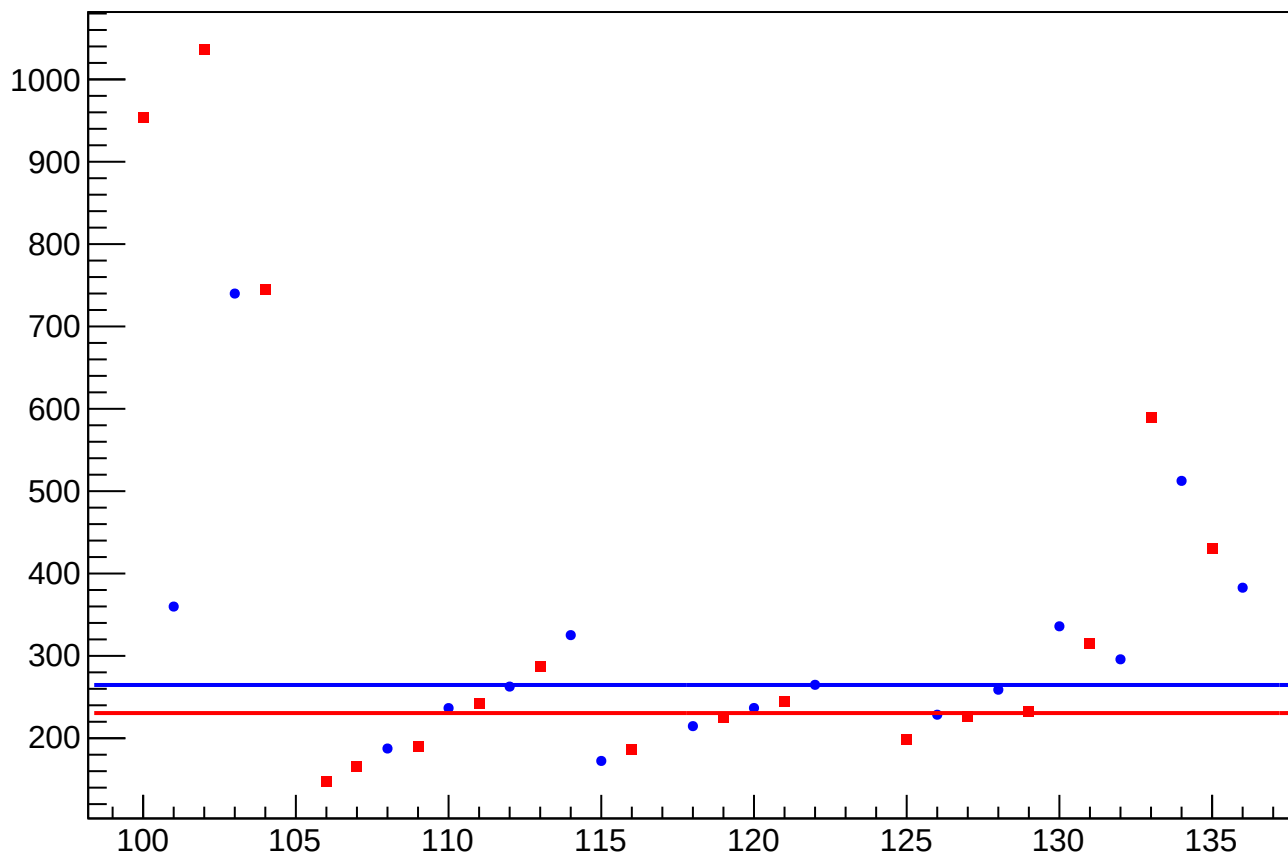
Right: -0.006 ± 0.072 χ^2/NDF : 32.1/32

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 ± 0.072 χ^2/NDF : 32.1/32

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: 230.566+/-0.069 χ^2/NDF : 1929633.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

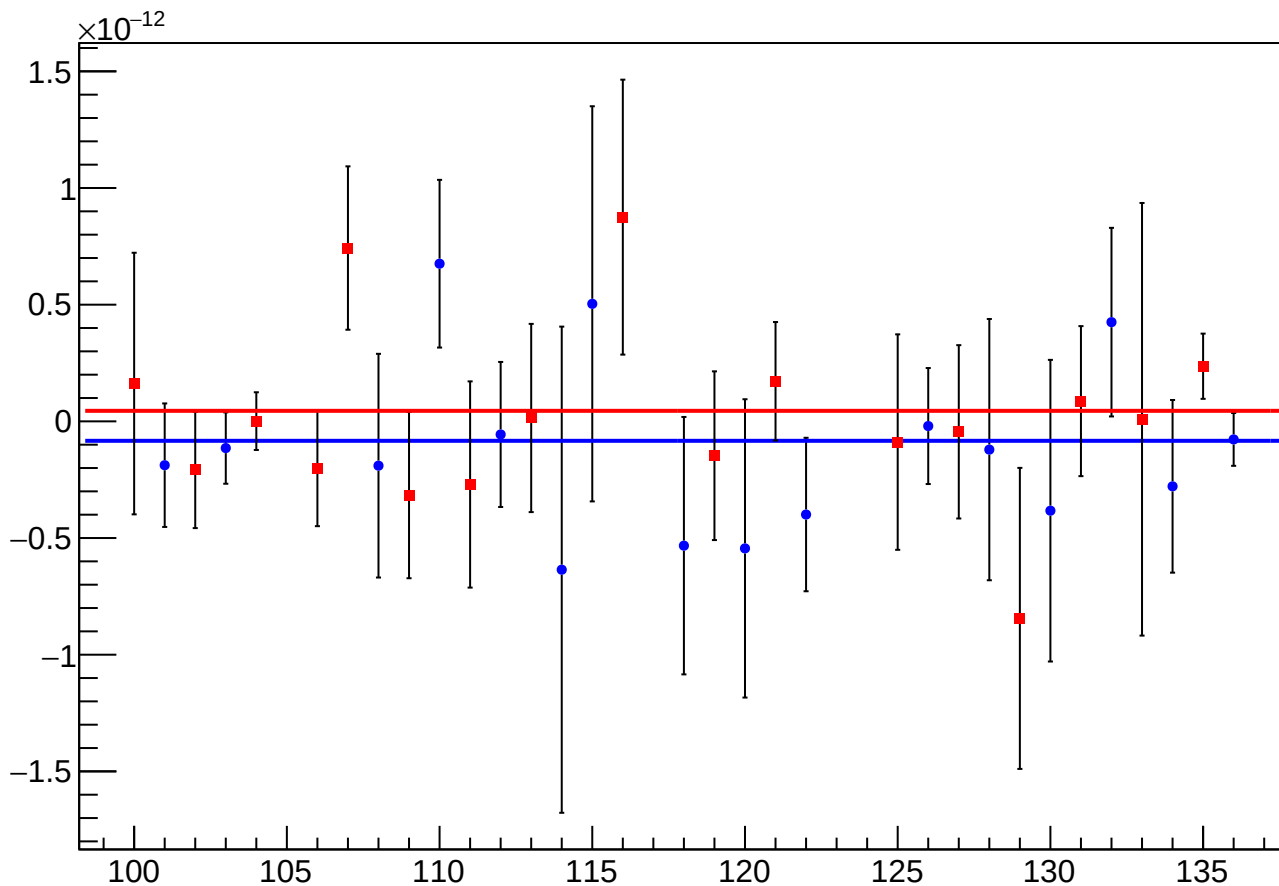
Right: 246.386+/-0.051 χ^2/NDF : 3326537.1/32

In: 264.667+/-0.074 χ^2/NDF : 1283977.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 246.386+/-0.051 χ^2/NDF : 3326537.1/32

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 : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

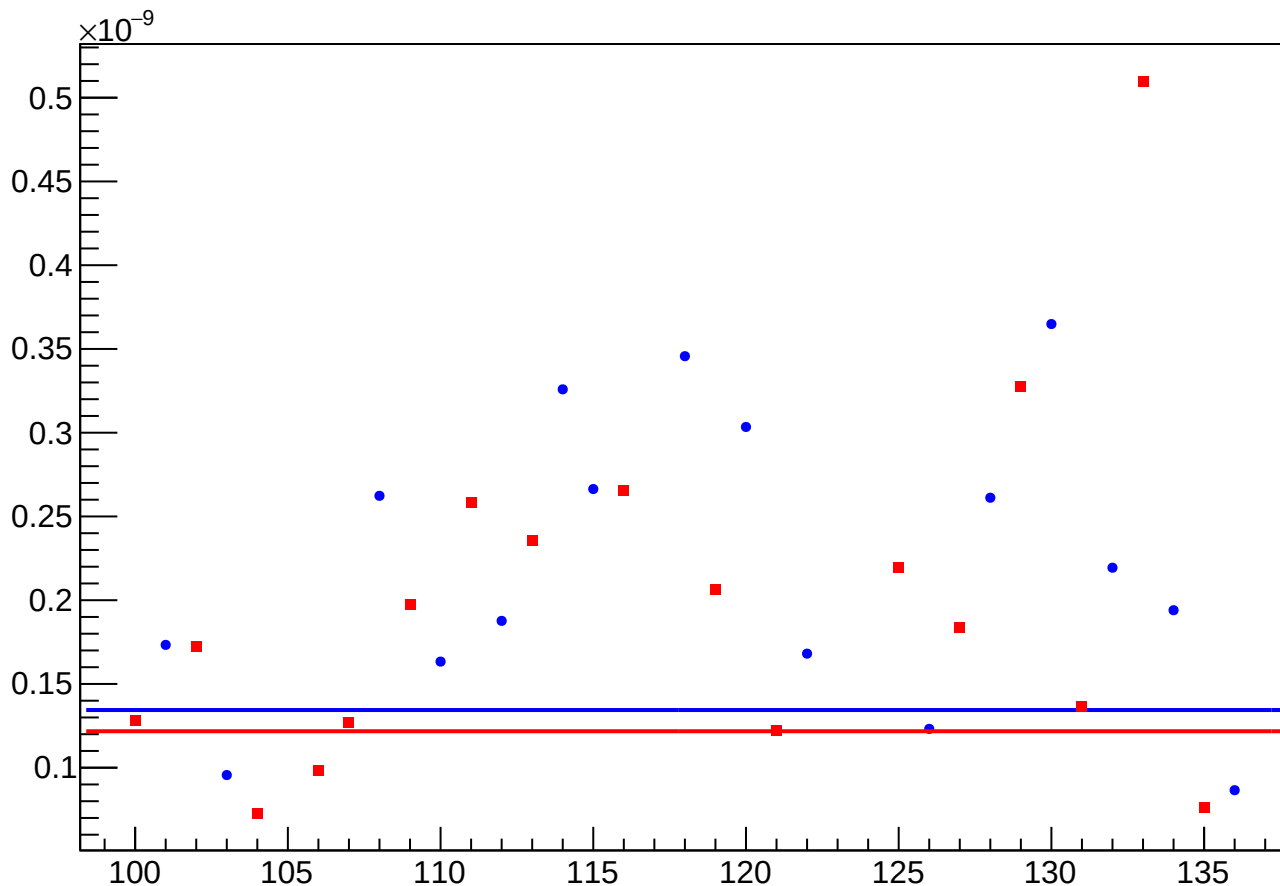
Right: -0.000+/-0.000 χ^2/NDF : 25.7/32

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 : 25.7/32

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 : 2002668.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

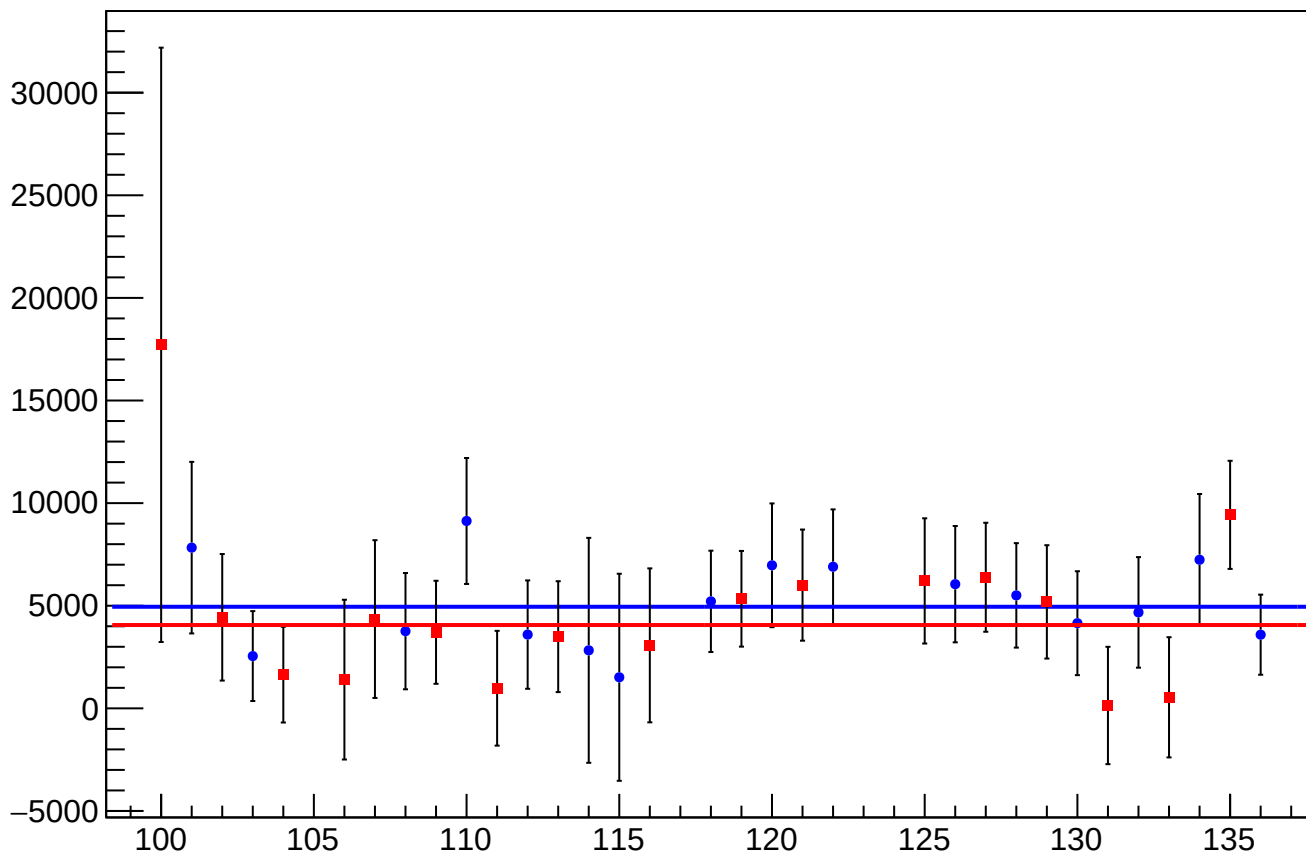
Right: 0.000+/-0.000 χ^2/NDF : 3852911.2/32

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 : 3852911.2/32

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: 4060.002+/-706.050 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

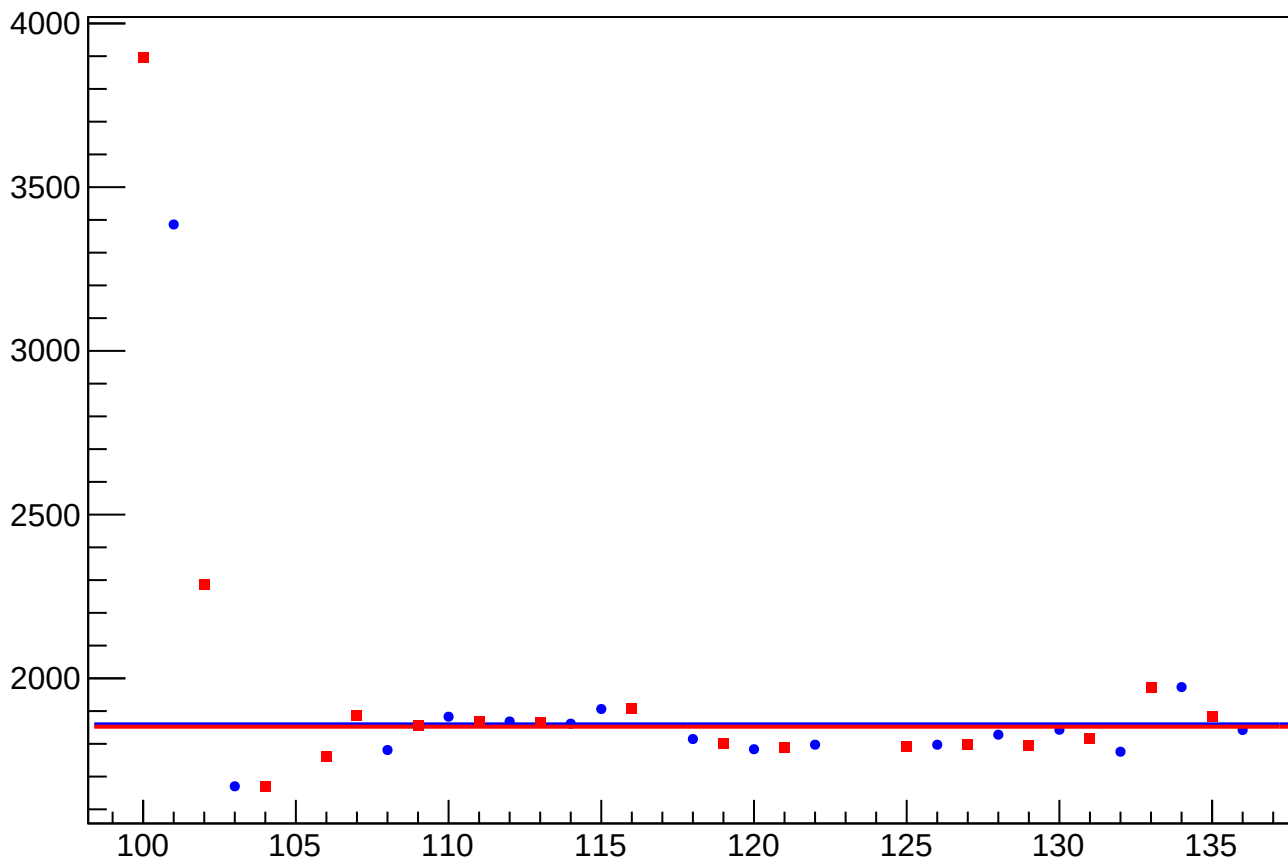
Right: 4509.669+/-496.719 χ^2/NDF : 21.2/32

In: 4950.321+/-698.937 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4509.669+/-496.719 χ^2/NDF : 21.2/32

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: 1852.335+/-0.498 χ^2/NDF : 102202.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

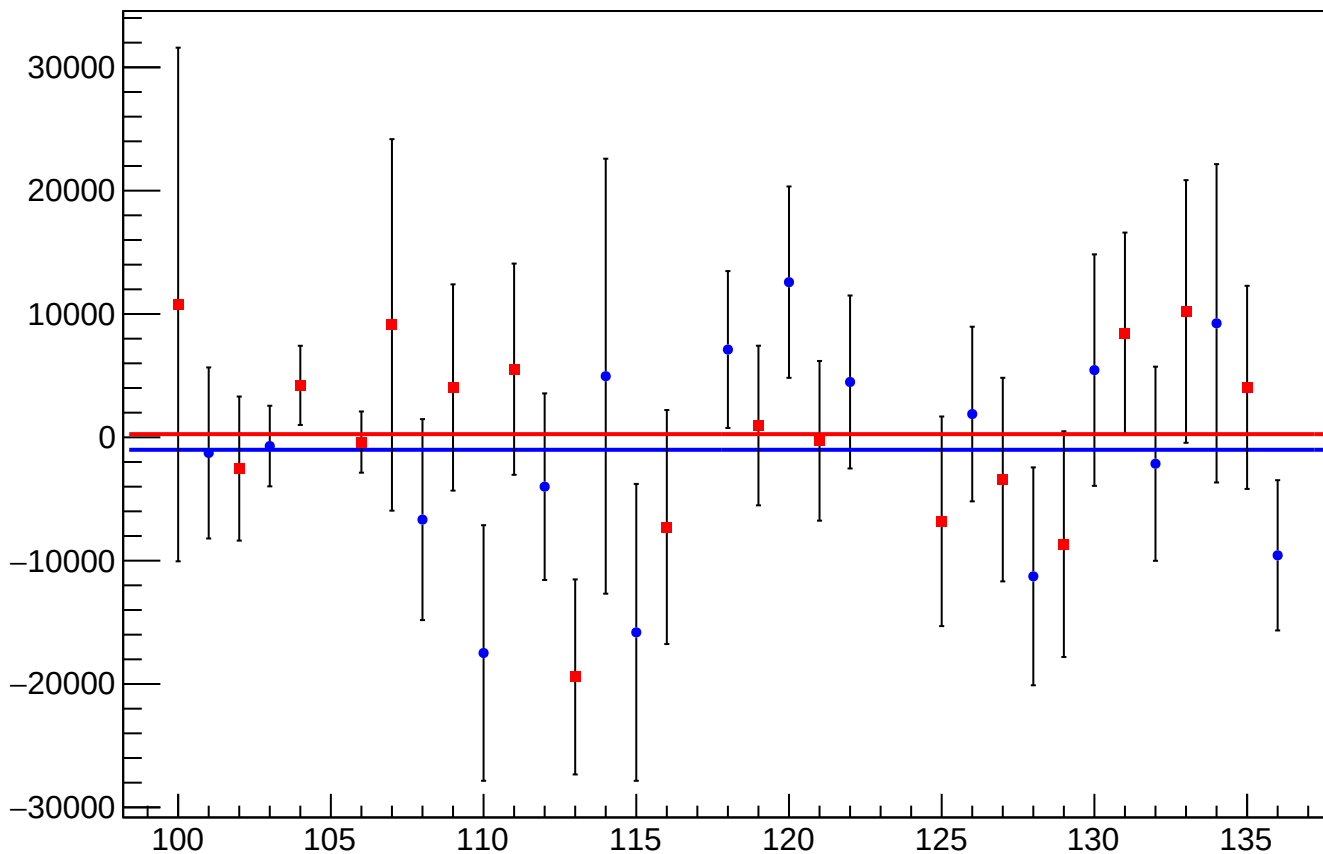
Right: 1855.947+/-0.351 χ^2/NDF : 394641.5/32

In: 1859.509+/-0.494 χ^2/NDF : 292334.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1855.947+/-0.351 χ^2/NDF : 394641.5/32

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: 259.097+/-1447.339 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

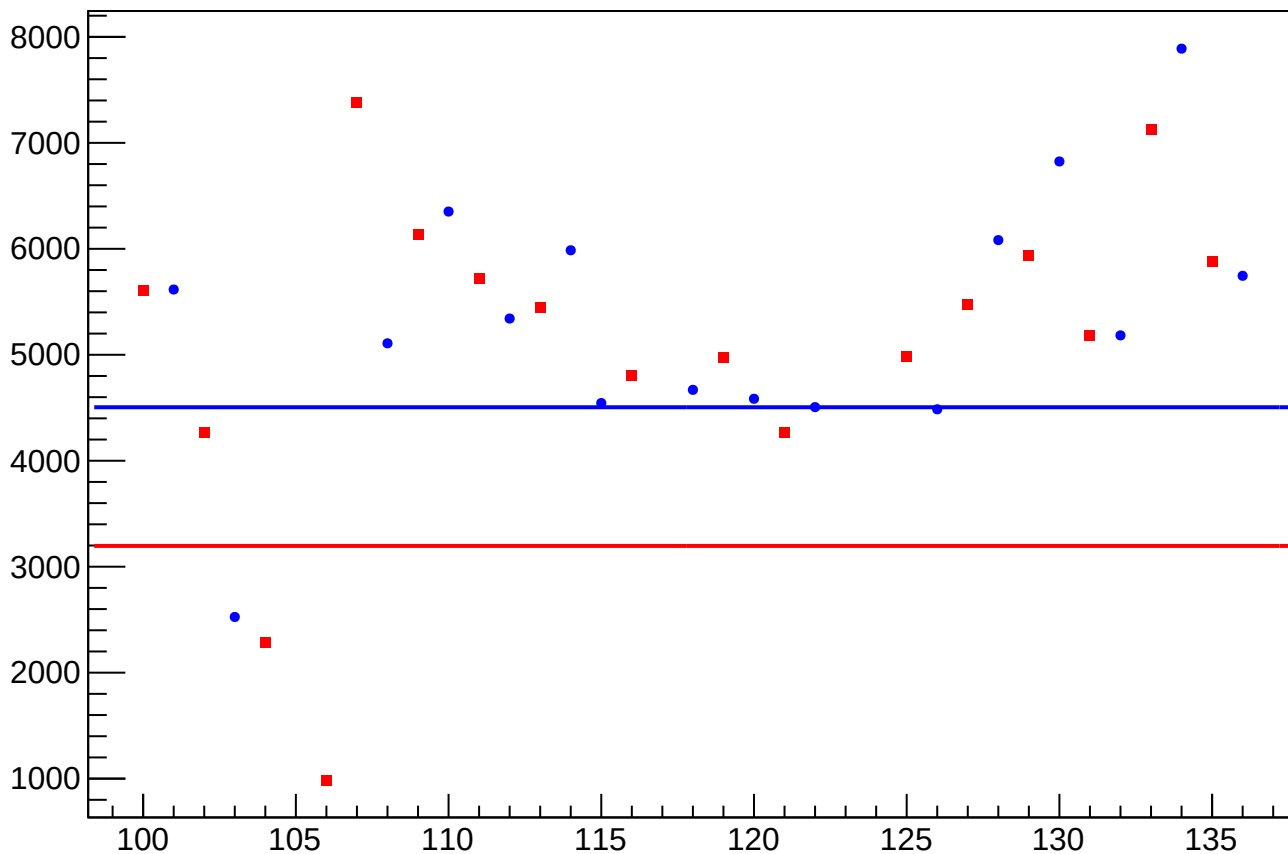
Right: -251.568+/-1118.959 χ^2/NDF : 28.8/32

In: -1010.288+/-1764.180 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.568+/-1118.959 χ^2/NDF : 28.8/32

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: 3196.104+/-1.023 χ^2/NDF : 3873430.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

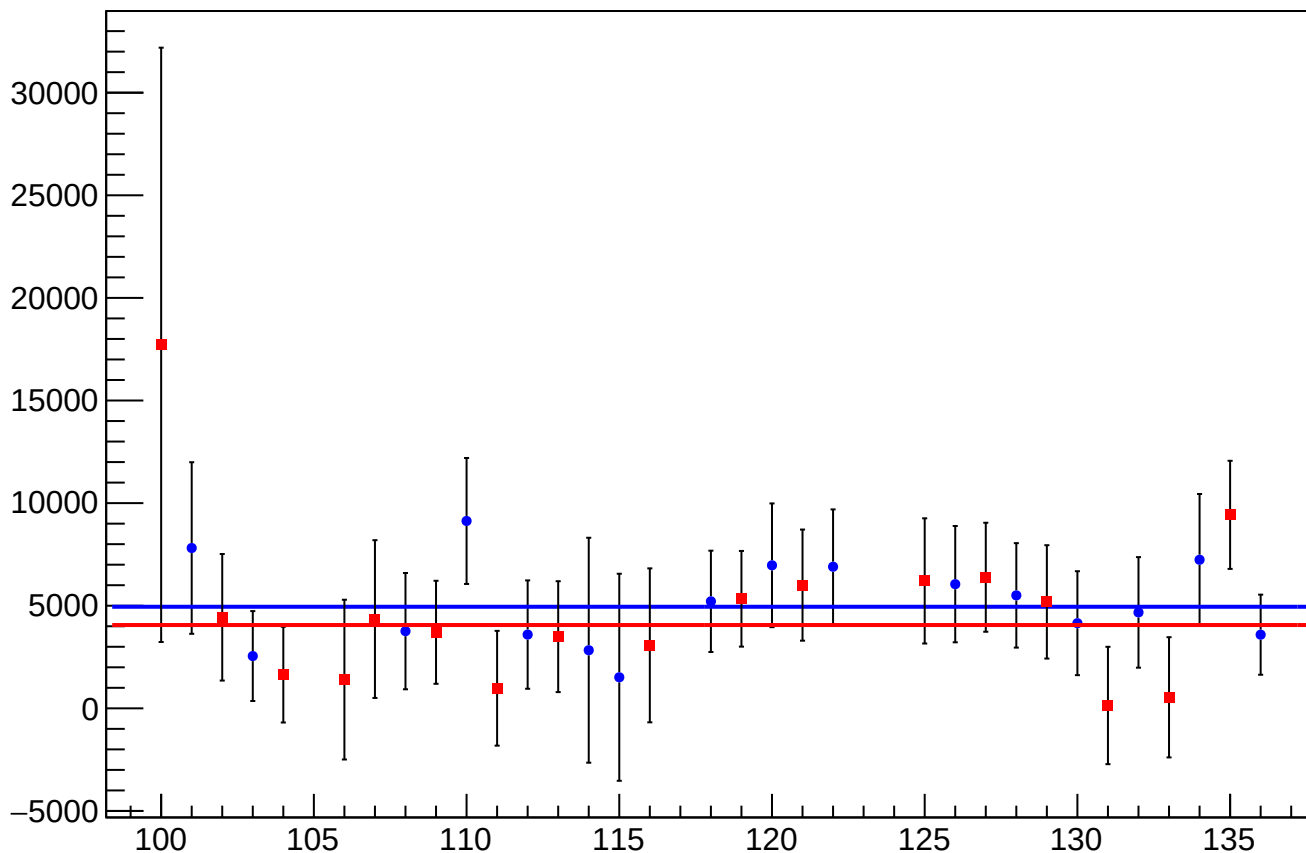
Right: 3722.579+/-0.791 χ^2/NDF : 5852347.6/32

In: 4504.788+/-1.247 χ^2/NDF : 1321104.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3722.579+/-0.791 χ^2/NDF : 5852347.6/32

cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.838+/-698.937 χ^2/NDF : 6.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4059.760+/-706.050 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

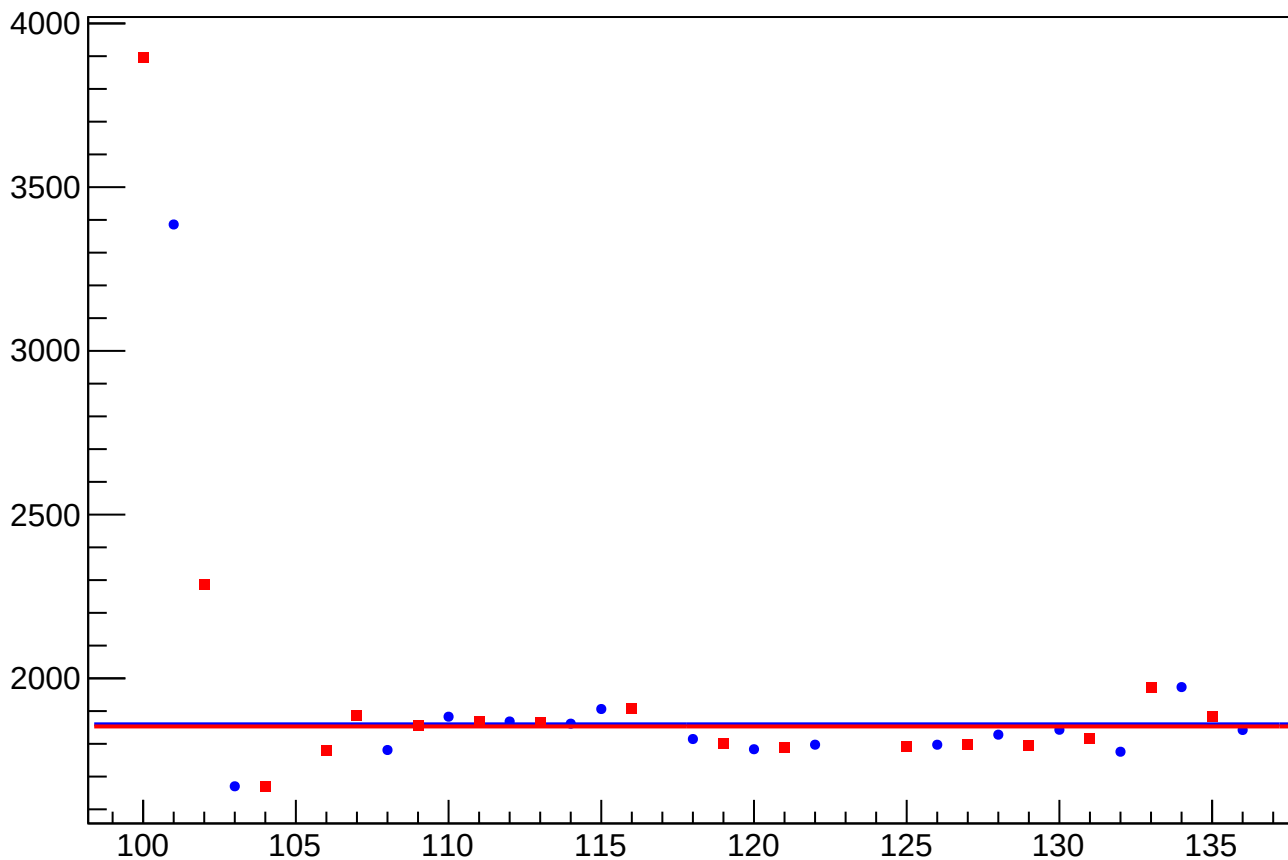
Right: 4509.305+/-496.719 χ^2/NDF : 21.2/32

In: 4949.838+/-698.937 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4509.305+/-496.719 χ^2/NDF : 21.2/32

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: 1853.061+/-0.498 χ^2/NDF : 101738.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

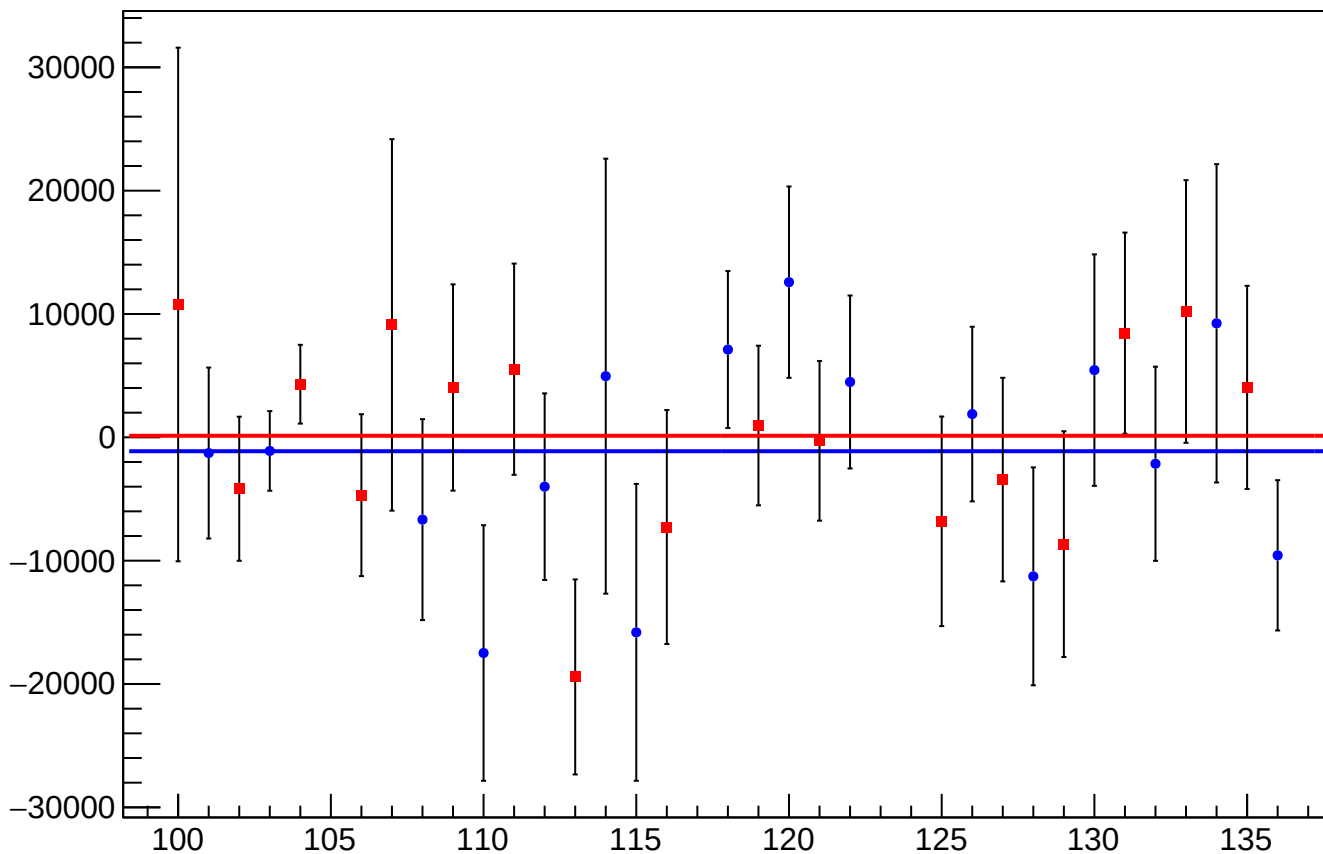
Right: 1856.309+/-0.351 χ^2/NDF : 394159.6/32

In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.309+/-0.351 χ^2/NDF : 394159.6/32

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug, Sign Corrected



Right In: -1125.567 $\pm$ 1757.876 χ^2 /NDF: 14.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 126.499 $\pm$ 1717.124 χ^2 /NDF: 14.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

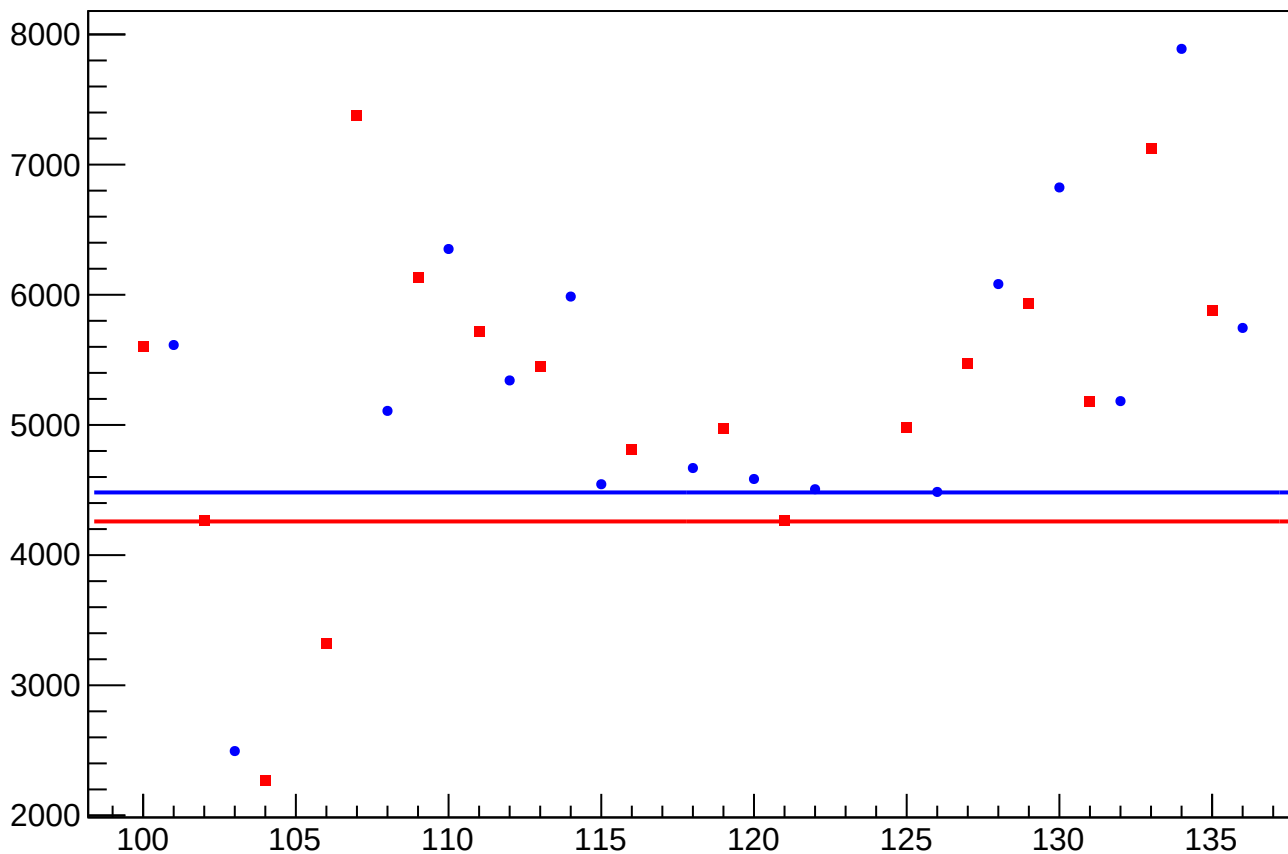
Right: -484.853 $\pm$ 1228.345 χ^2 /NDF: 29.7/32

In: -1125.567 $\pm$ 1757.876 χ^2 /NDF:14.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -484.853 $\pm$ 1228.345 χ^2 /NDF: 29.7/32

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: 4258.694+/-1.214 χ^2/NDF : 1519874.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

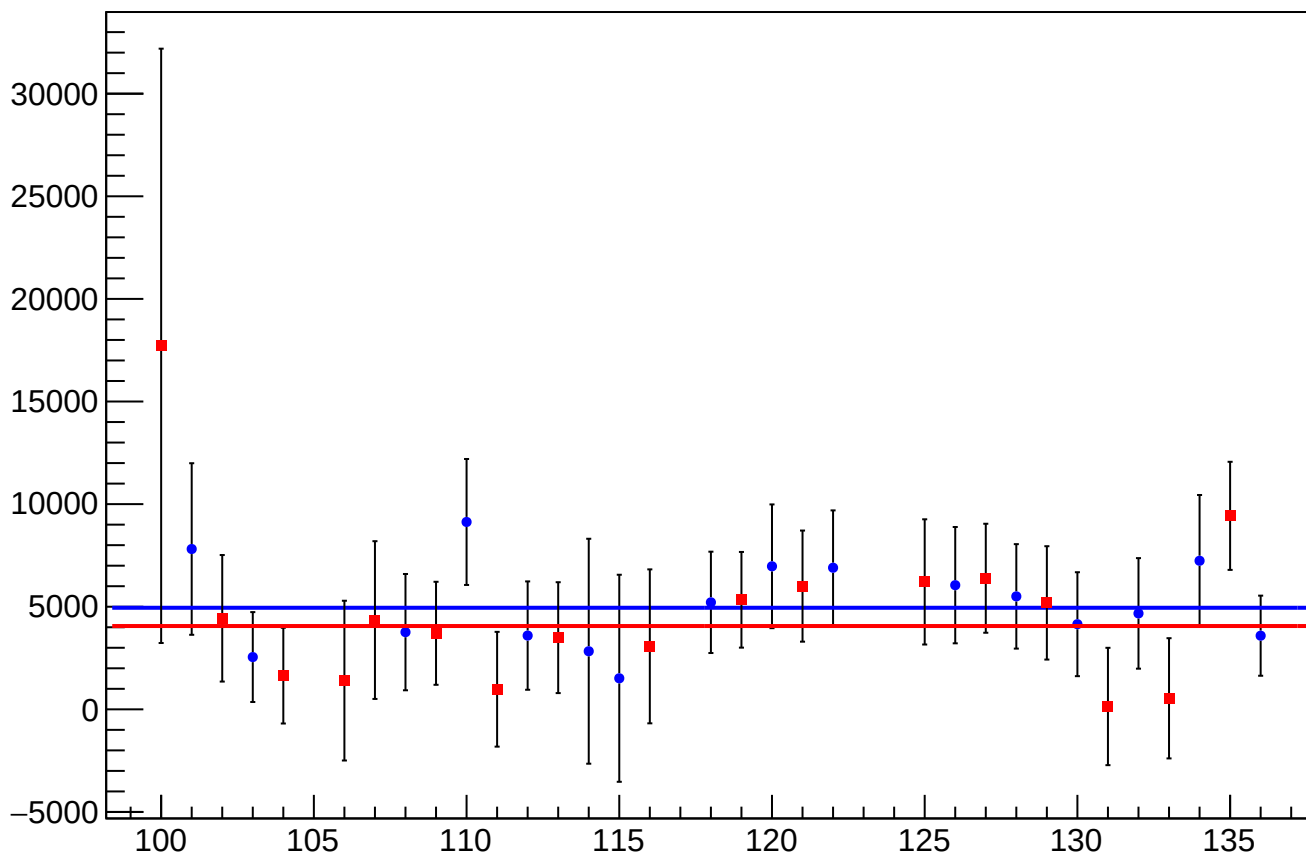
Right: 4367.493+/-0.869 χ^2/NDF : 2898573.4/32

In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4367.493+/-0.869 χ^2/NDF : 2898573.4/32

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 4949.838+/-698.937 χ^2/NDF : 6.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4059.760+/-706.050 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

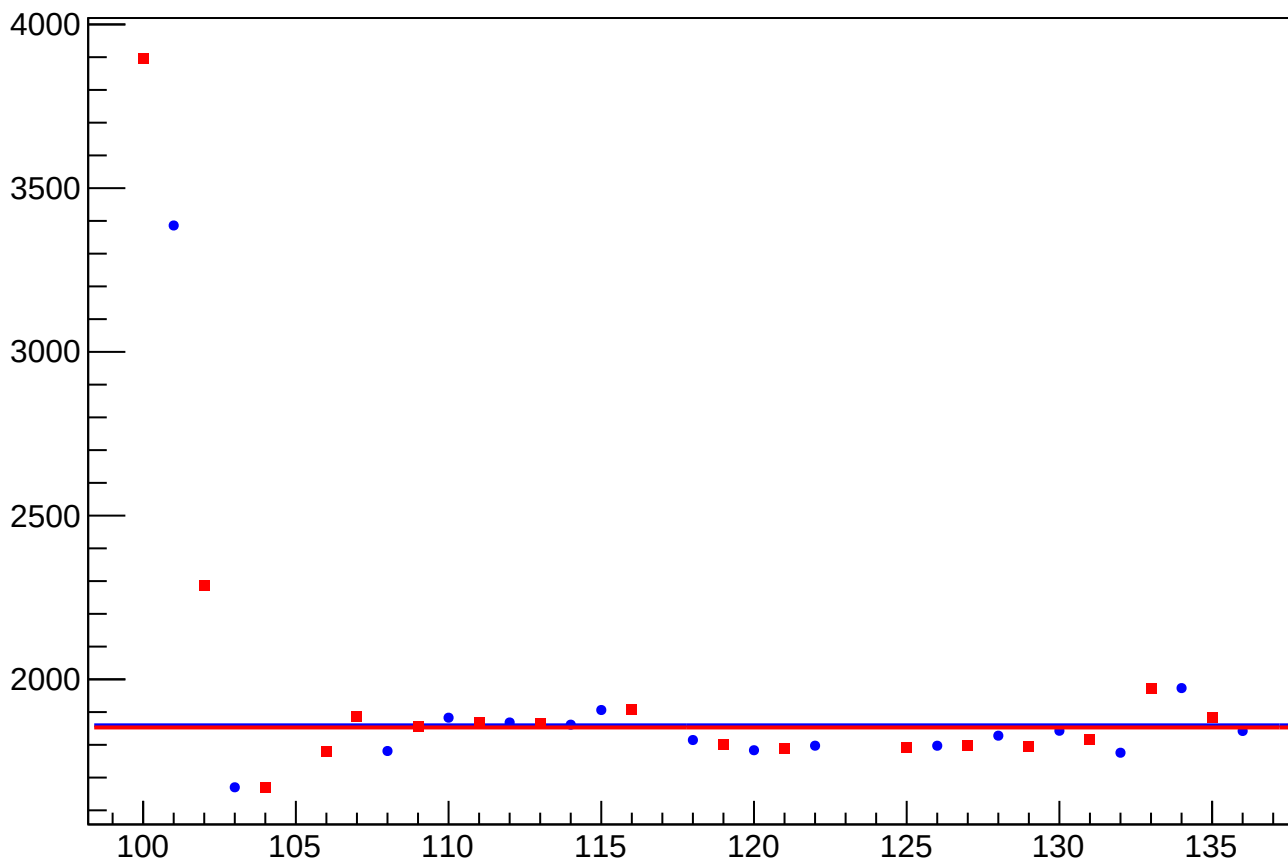
Right: 4509.305+/-496.719 χ^2/NDF : 21.2/32

In: 4949.838+/-698.937 χ^2/NDF : 6.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4509.305+/-496.719 χ^2/NDF : 21.2/32

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: 1853.061+/-0.498 χ^2/NDF : 101738.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

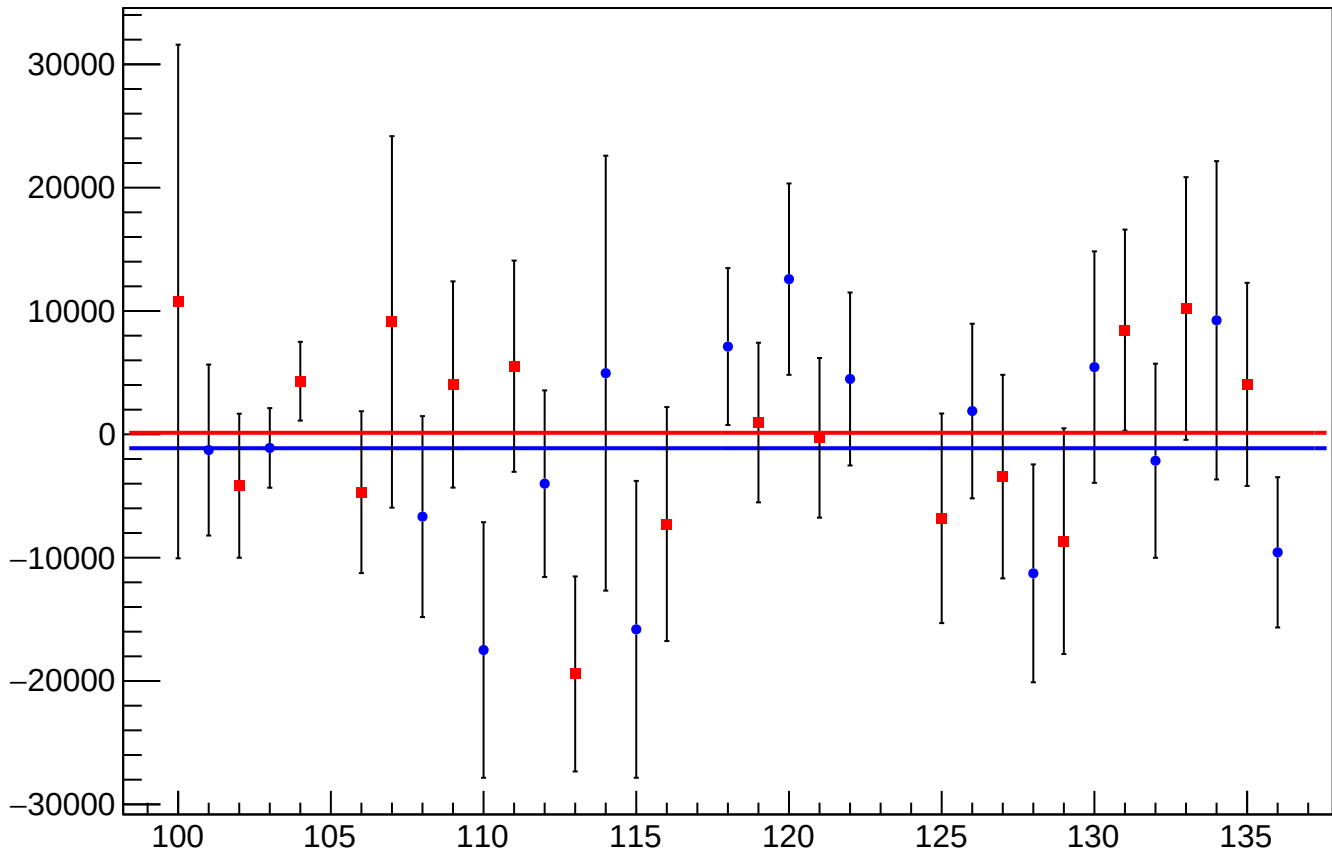
Right: 1856.309+/-0.351 χ^2/NDF : 394159.6/32

In: 1859.509+/-0.494 χ^2/NDF : 292336.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.309+/-0.351 χ^2/NDF : 394159.6/32

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: 126.499+/-1717.124 χ^2/NDF : 14.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

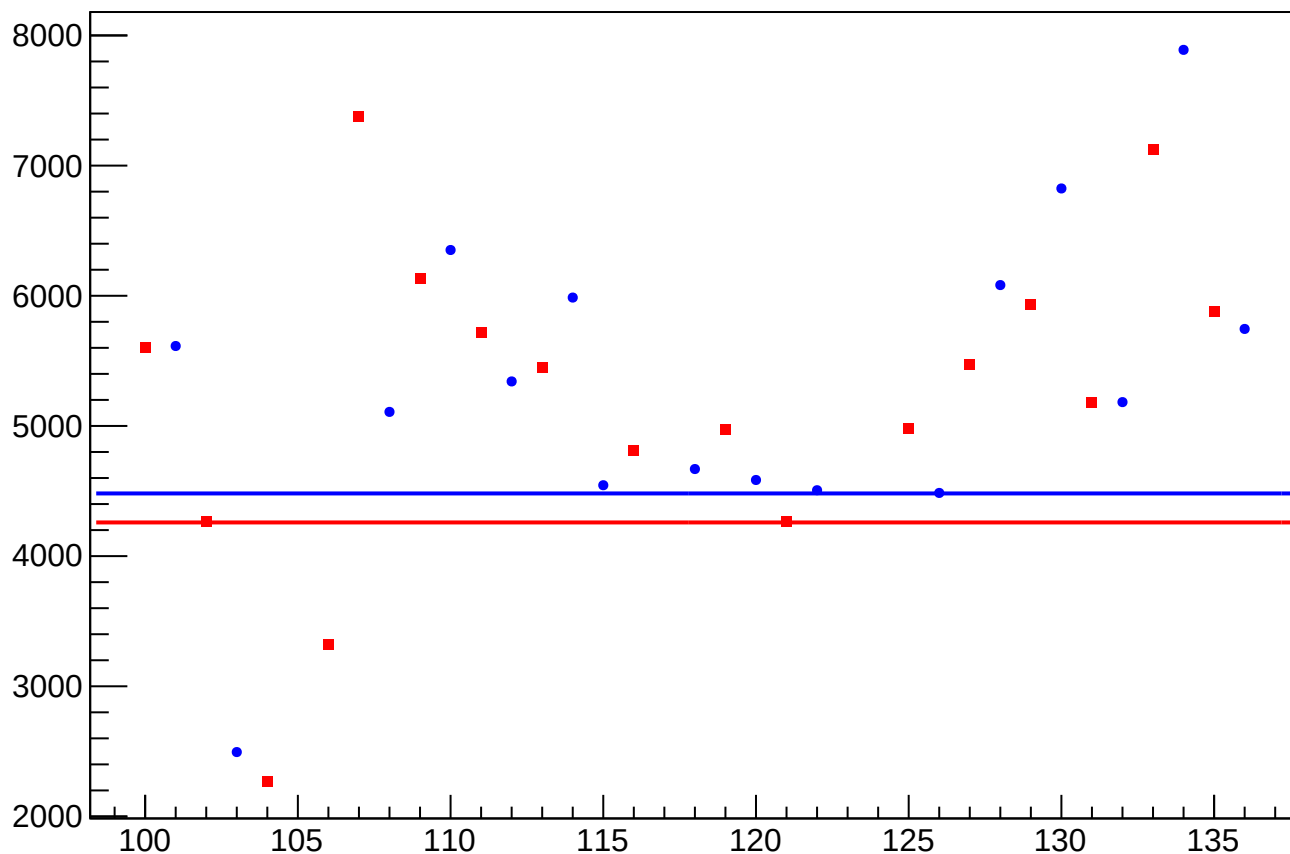
Right: -484.853+/-1228.345 χ^2/NDF : 29.7/32

In: -1125.567+/-1757.876 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -484.853+/-1228.345 χ^2/NDF : 29.7/32

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: 4258.694+/-1.214 χ^2/NDF : 1519874.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

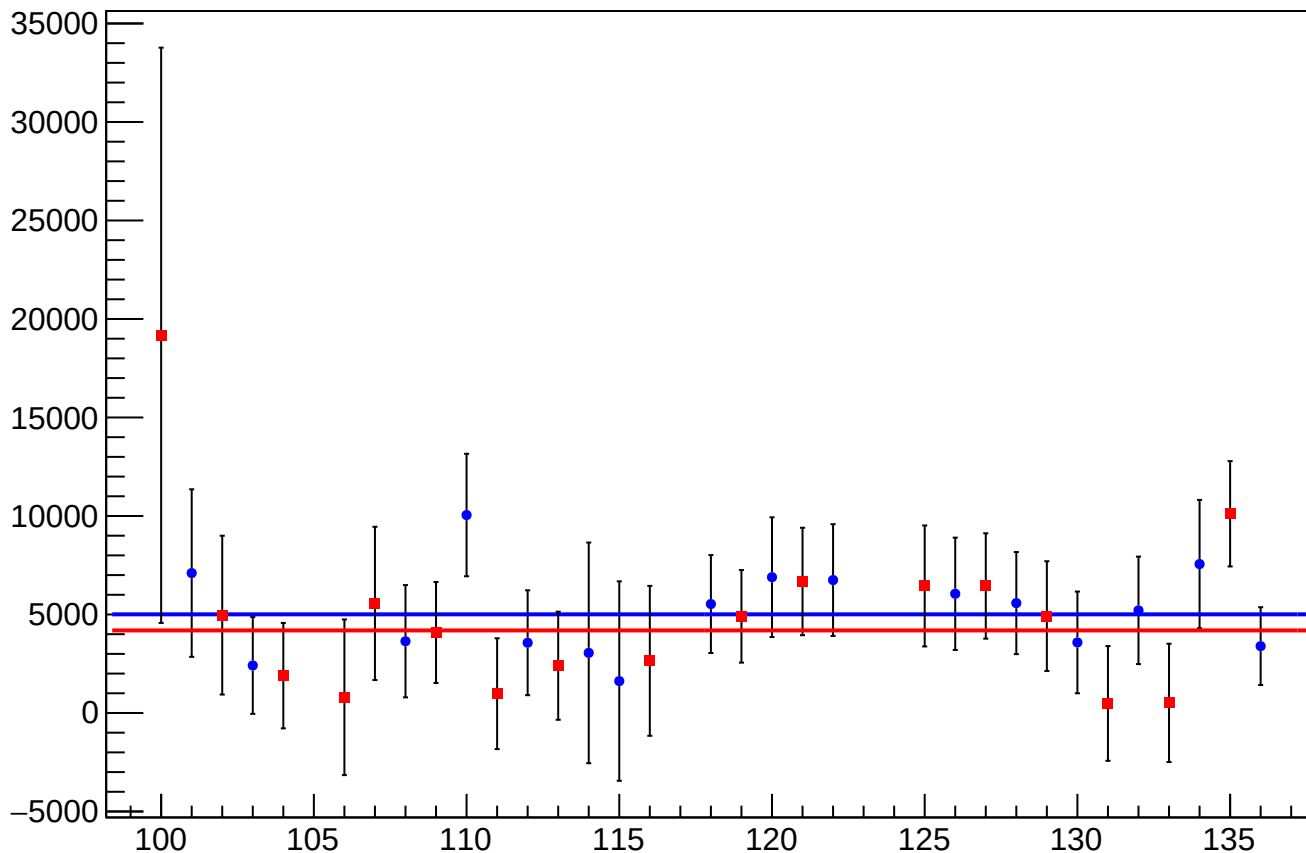
Right: 4367.493+/-0.869 χ^2/NDF : 2898573.4/32

In: 4481.518+/-1.243 χ^2/NDF : 1362255.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4367.493+/-0.869 χ^2/NDF : 2898573.4/32

dit_asym_us_avg_atlr_avg_avg_mean vs Slug, Sign Corrected



Right In: 5007.315+/-714.061 χ^2/NDF : 7.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4190.897+/-730.183 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

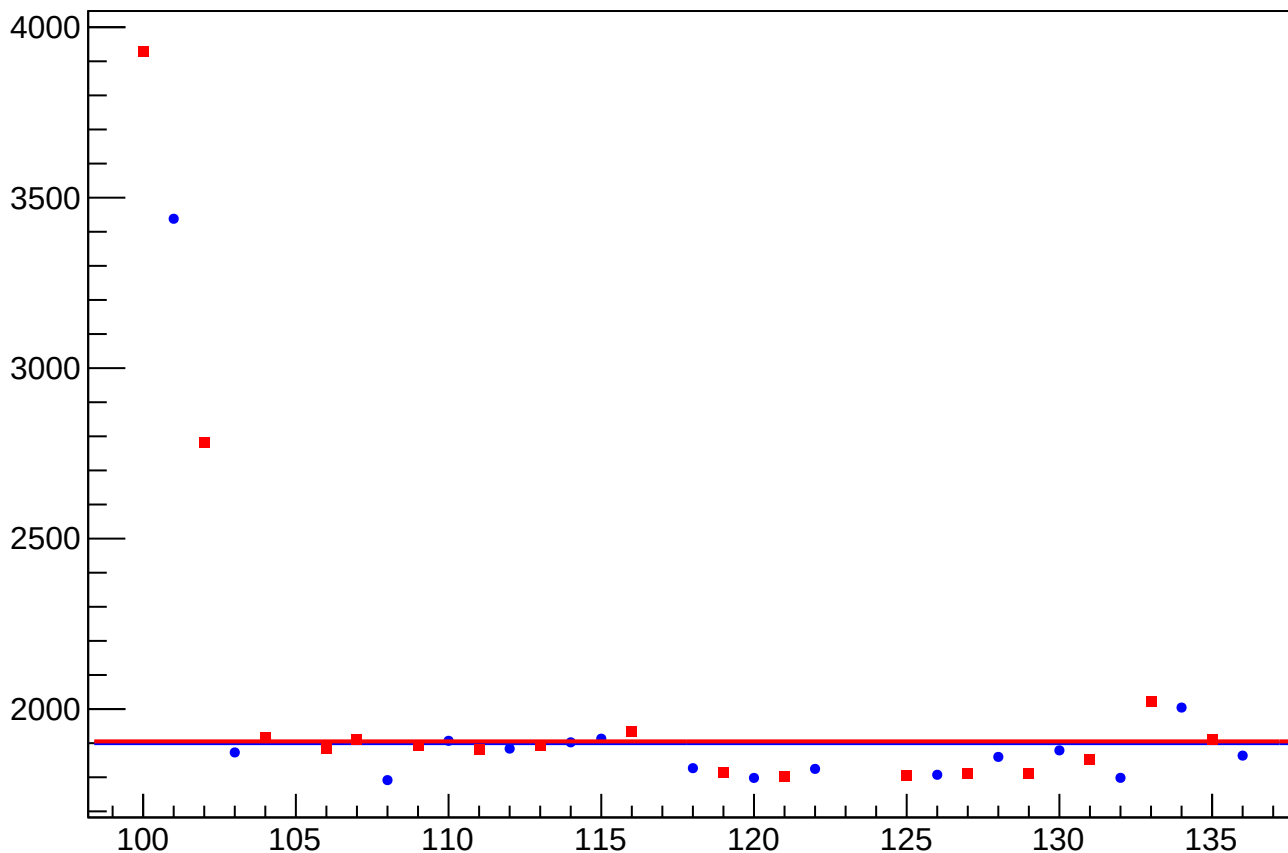
Right: 4608.218+/-510.522 χ^2/NDF : 23.2/32

In: 5007.315+/-714.061 χ^2/NDF : 7.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4608.218+/-510.522 χ^2/NDF : 23.2/32

dit_asym_us_avg_atlr_avg_avg_rms vs Slug, Sign Corrected



Right In: 1900.111+/-0.505 χ^2/NDF : 278448.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.248+/-0.516 χ^2/NDF : 149865.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

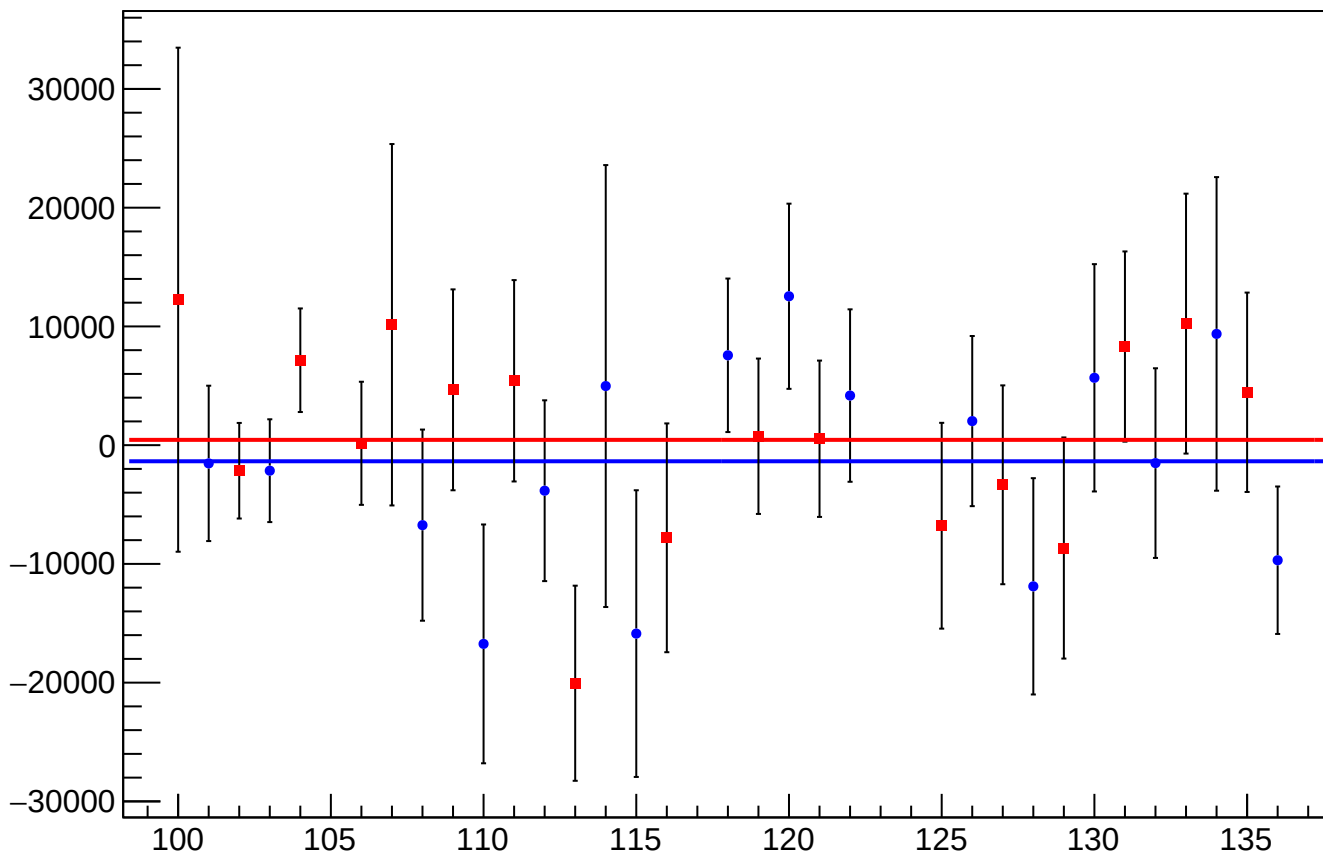
Right: 1902.625+/-0.361 χ^2/NDF : 428364.0/32

In: 1900.111+/-0.505 χ^2/NDF : 278448.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.625+/-0.361 χ^2/NDF : 428364.0/32

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: 445.871+/-1727.386 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

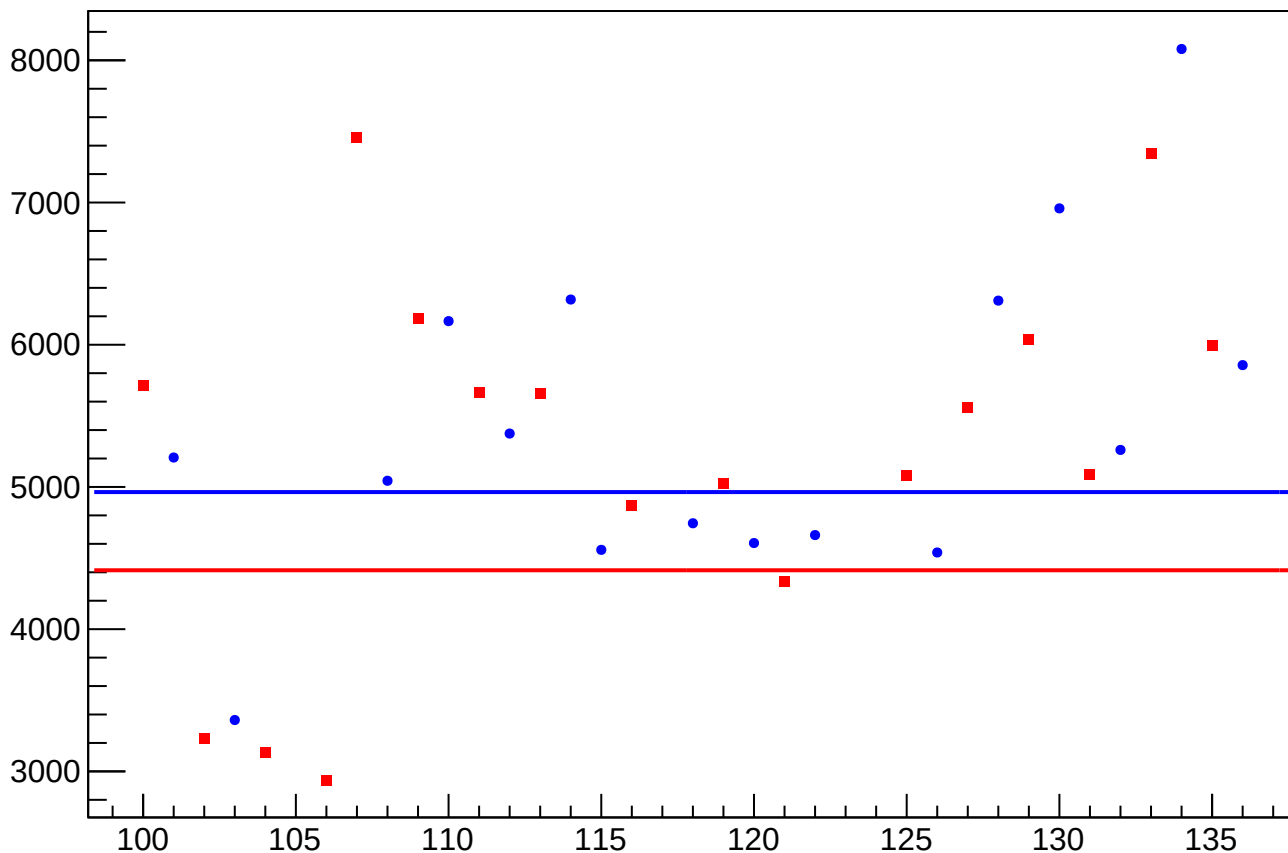
Right: -371.679+/-1276.901 χ^2/NDF : 30.1/32

In: -1356.615+/-1895.990 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.679+/-1276.901 χ^2/NDF : 30.1/32

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: 4414.175+/-1.221 χ^2/NDF : 1132803.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

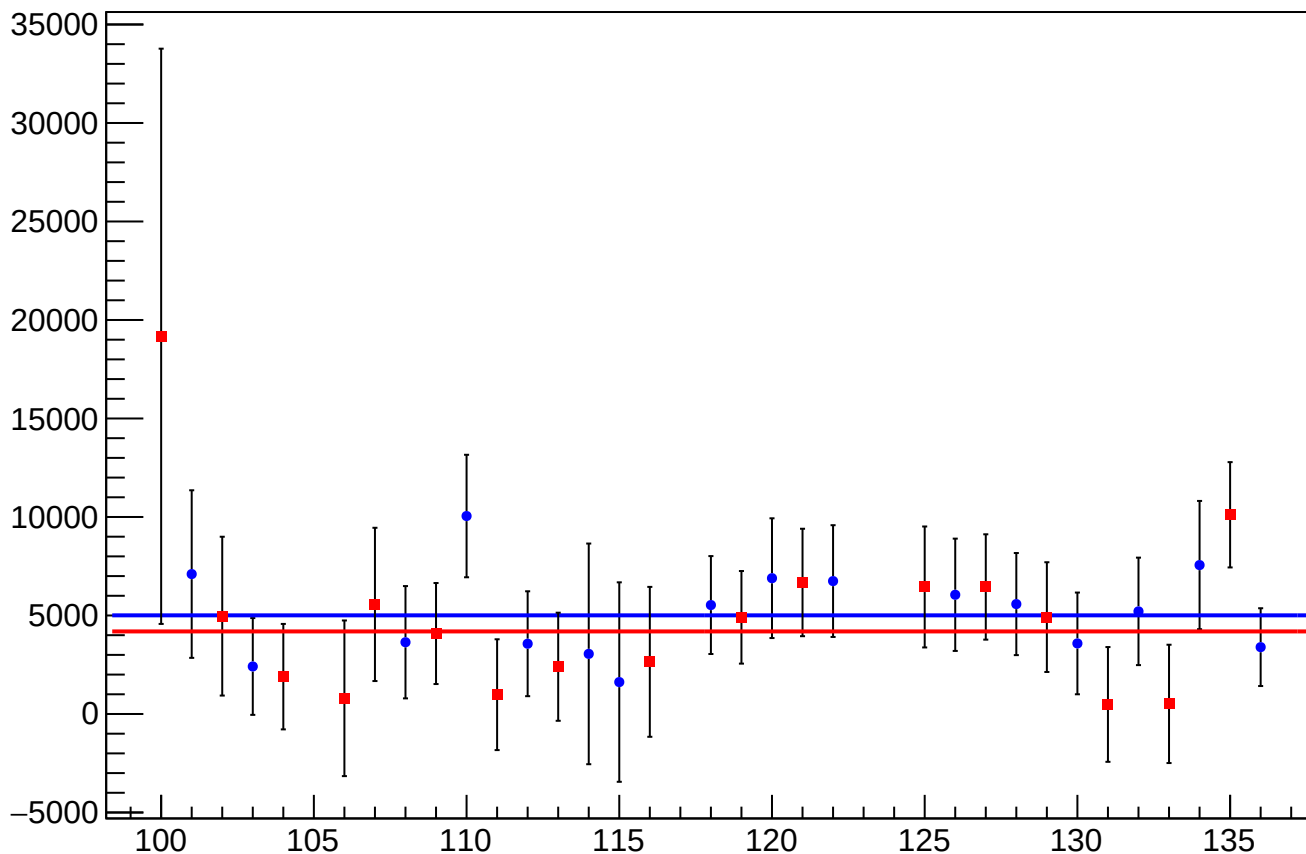
Right: 4663.558+/-0.903 χ^2/NDF : 1852085.1/32

In: 4963.998+/-1.341 χ^2/NDF : 627377.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4663.558+/-0.903 χ^2/NDF : 1852085.1/32

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: 4190.896+/-730.183 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

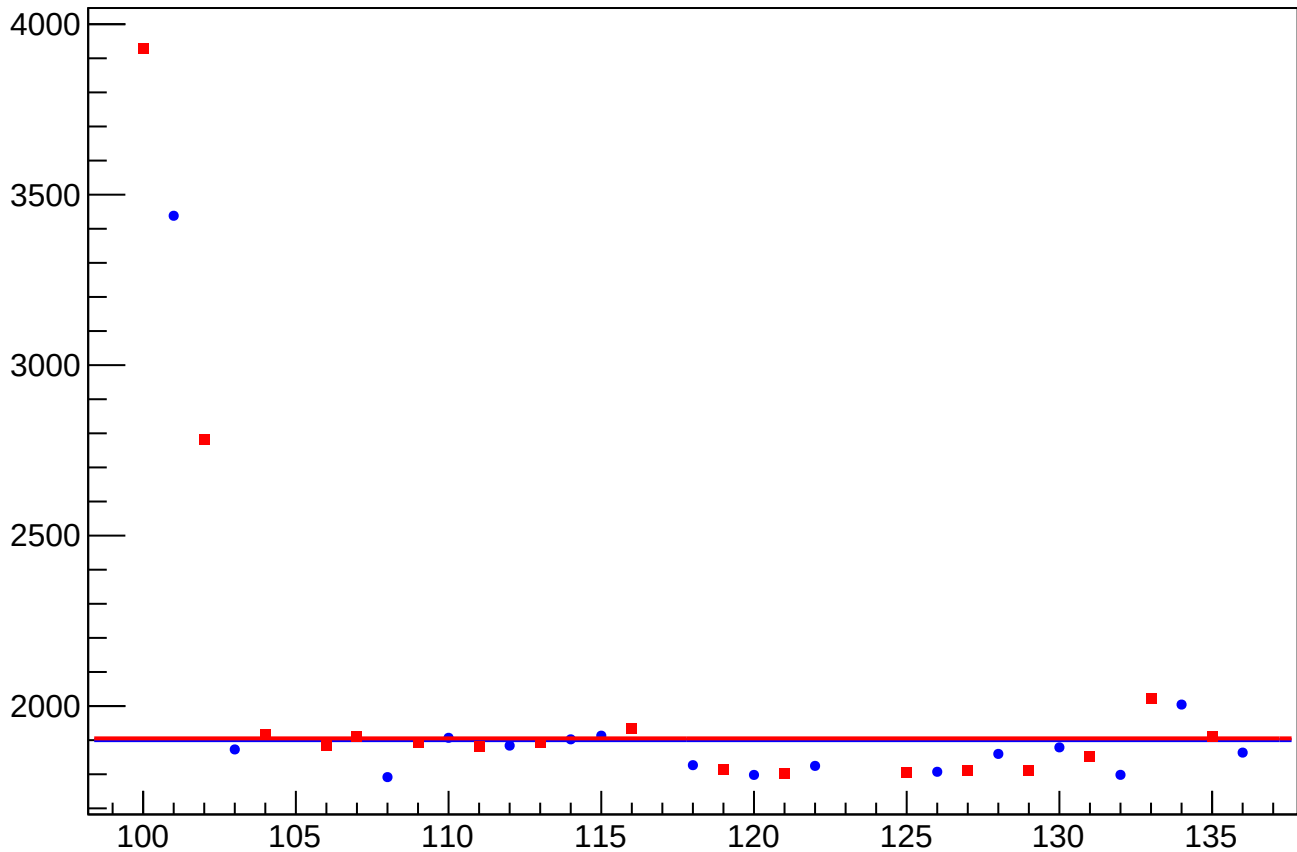
Right: 4608.217+/-510.522 χ^2/NDF : 23.2/32

In: 5007.314+/-714.061 χ^2/NDF : 7.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4608.217+/-510.522 χ^2/NDF : 23.2/32

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: 1905.247+/-0.516 χ^2/NDF : 149864.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

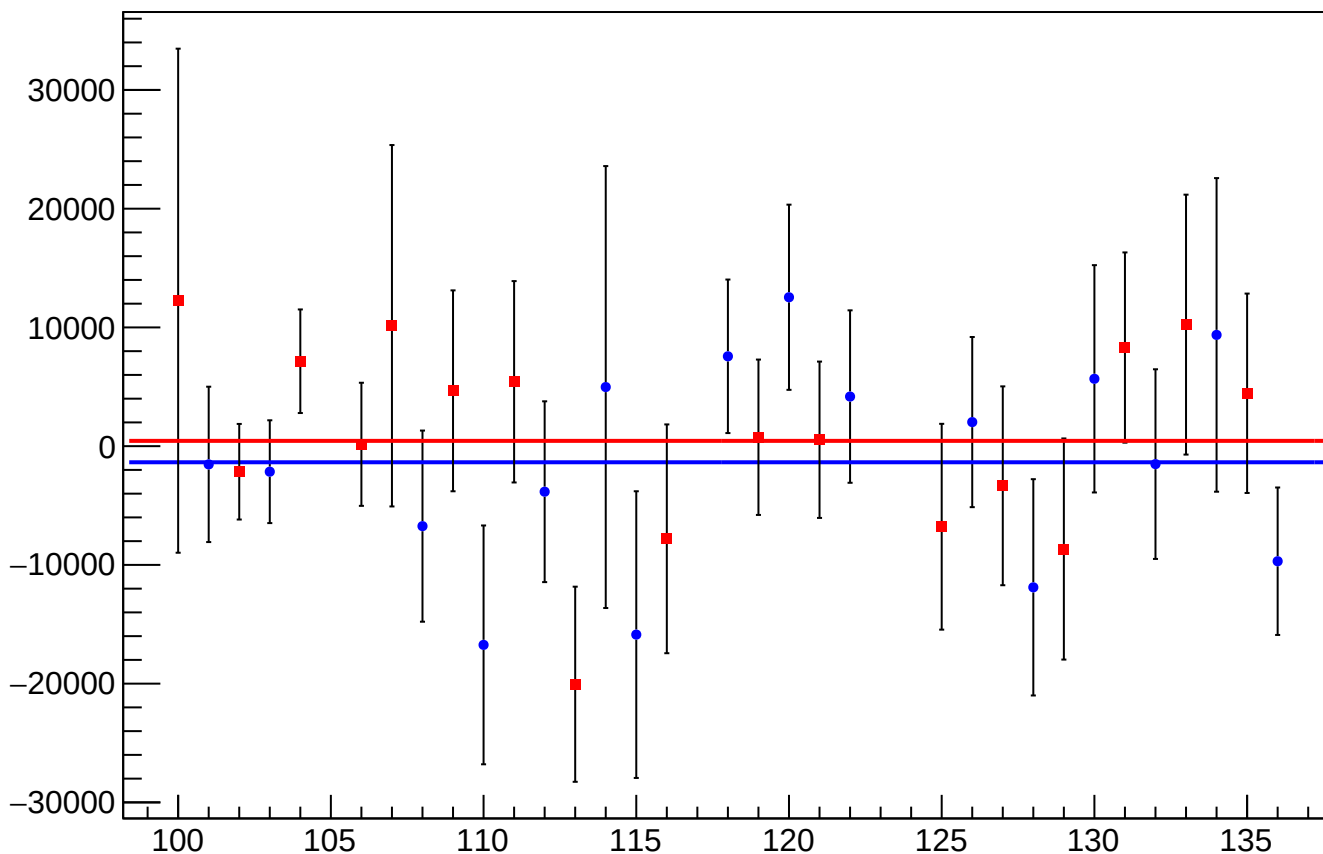
Right: 1902.624+/-0.361 χ^2/NDF : 428363.6/32

In: 1900.111+/-0.505 χ^2/NDF : 278448.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1902.624+/-0.361 χ^2/NDF : 428363.6/32

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: 445.871+/-1727.381 χ^2/NDF : 14.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

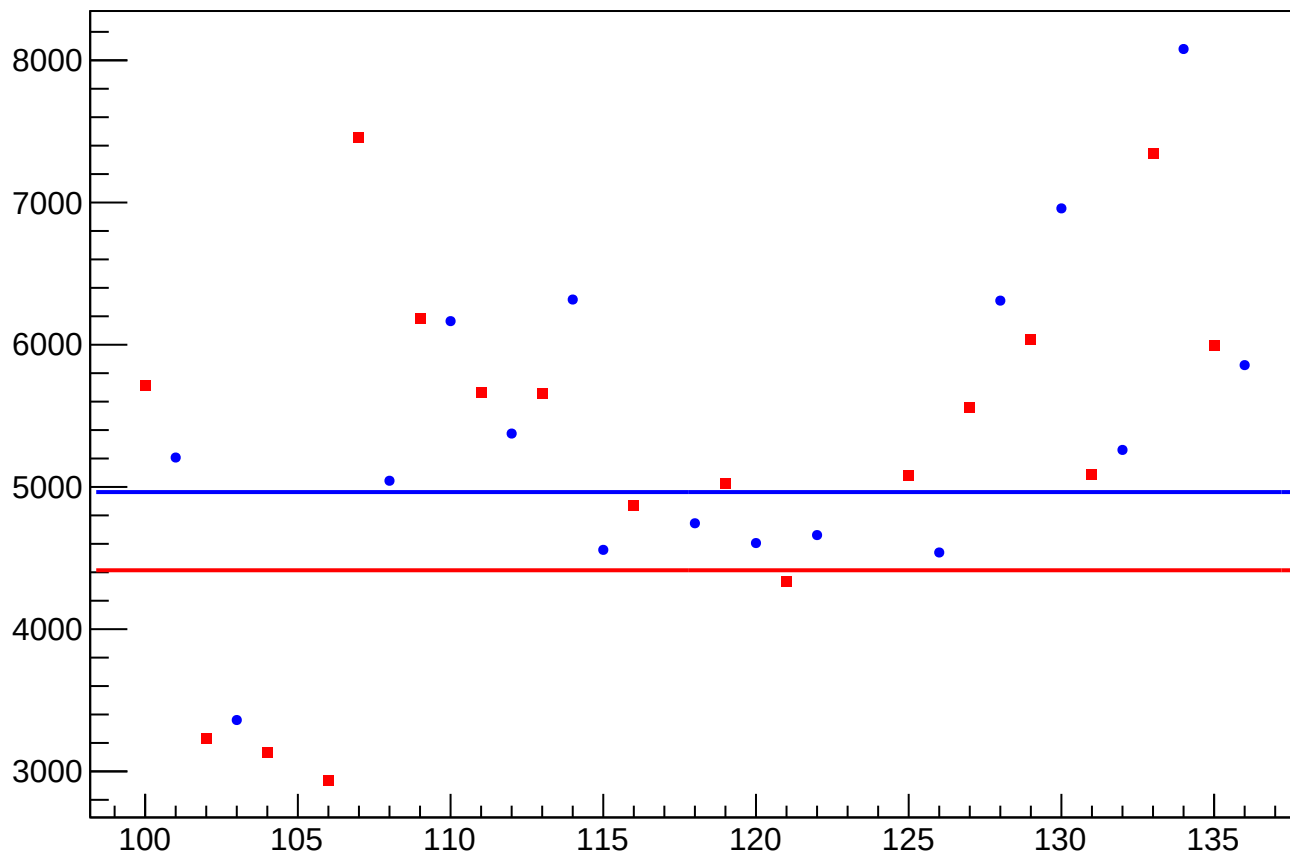
Right: -371.674+/-1276.898 χ^2/NDF : 30.1/32

In: -1356.604+/-1895.985 χ^2/NDF : 14.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -371.674+/-1276.898 χ^2/NDF : 30.1/32

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: 4414.164+/-1.221 χ^2/NDF : 1132801.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

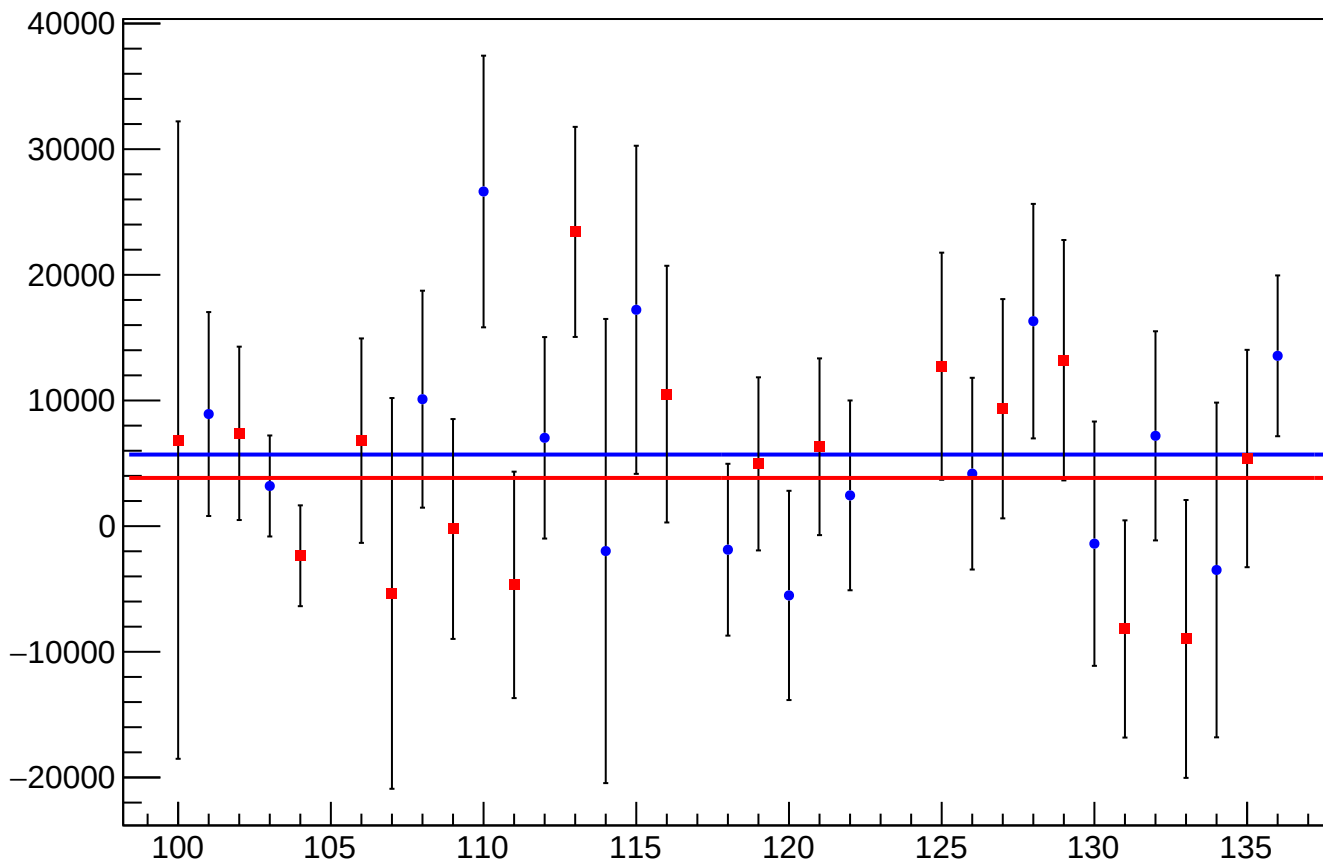
Right: 4663.545+/-0.903 χ^2/NDF : 1852086.4/32

In: 4963.985+/-1.341 χ^2/NDF : 627379.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4663.545+/-0.903 χ^2/NDF : 1852086.4/32

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: 3836.187+/-1939.803 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

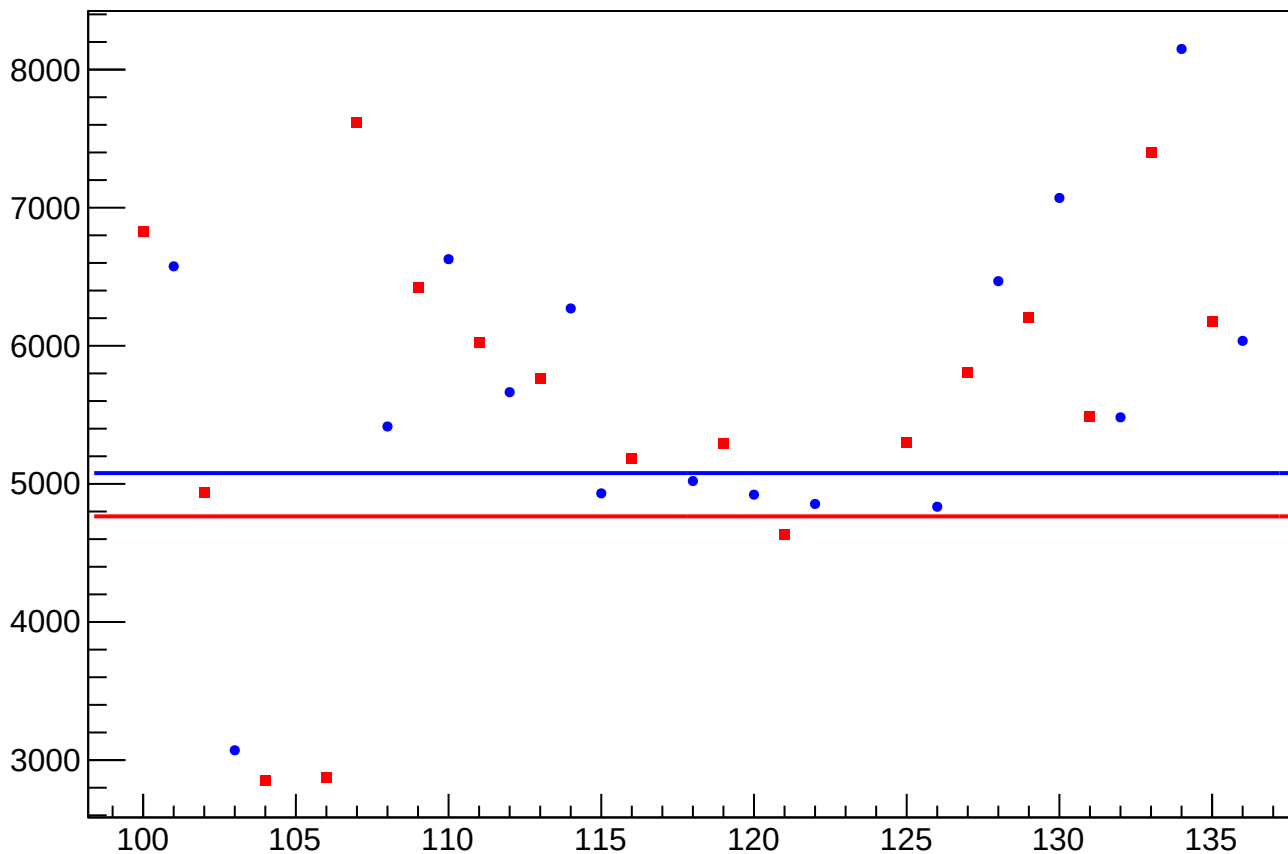
Right: 4757.438+/-1378.460 χ^2/NDF : 29.0/32

In: 5697.218+/-1959.214 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4757.438+/-1378.460 χ^2/NDF : 29.0/32

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: 4764.860+/-1.343 χ^2/NDF : 1142224.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

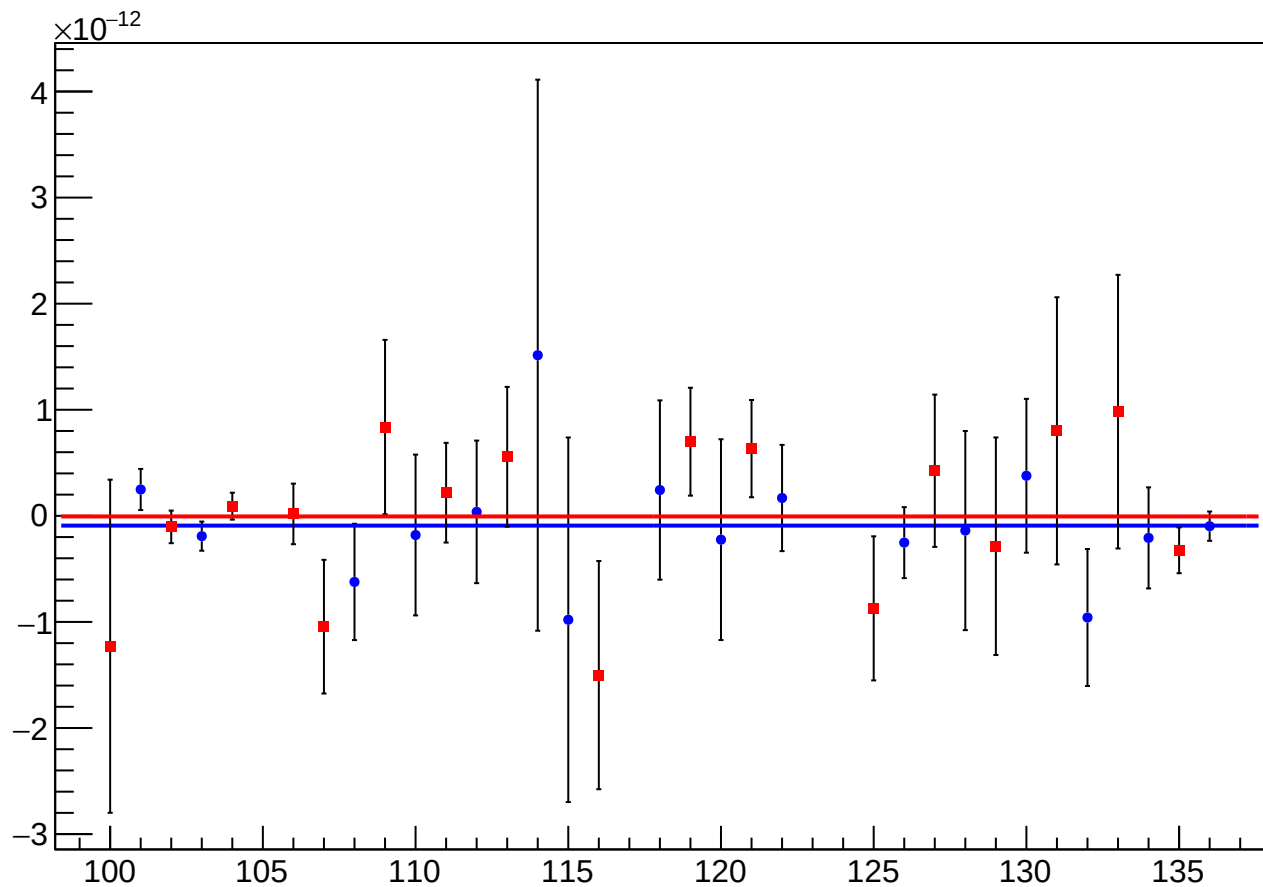
Right: 4916.703+/-0.964 χ^2/NDF : 2087790.1/32

In: 5078.157+/-1.385 χ^2/NDF : 919209.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4916.703+/-0.964 χ^2/NDF : 2087790.1/32

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 : 17.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

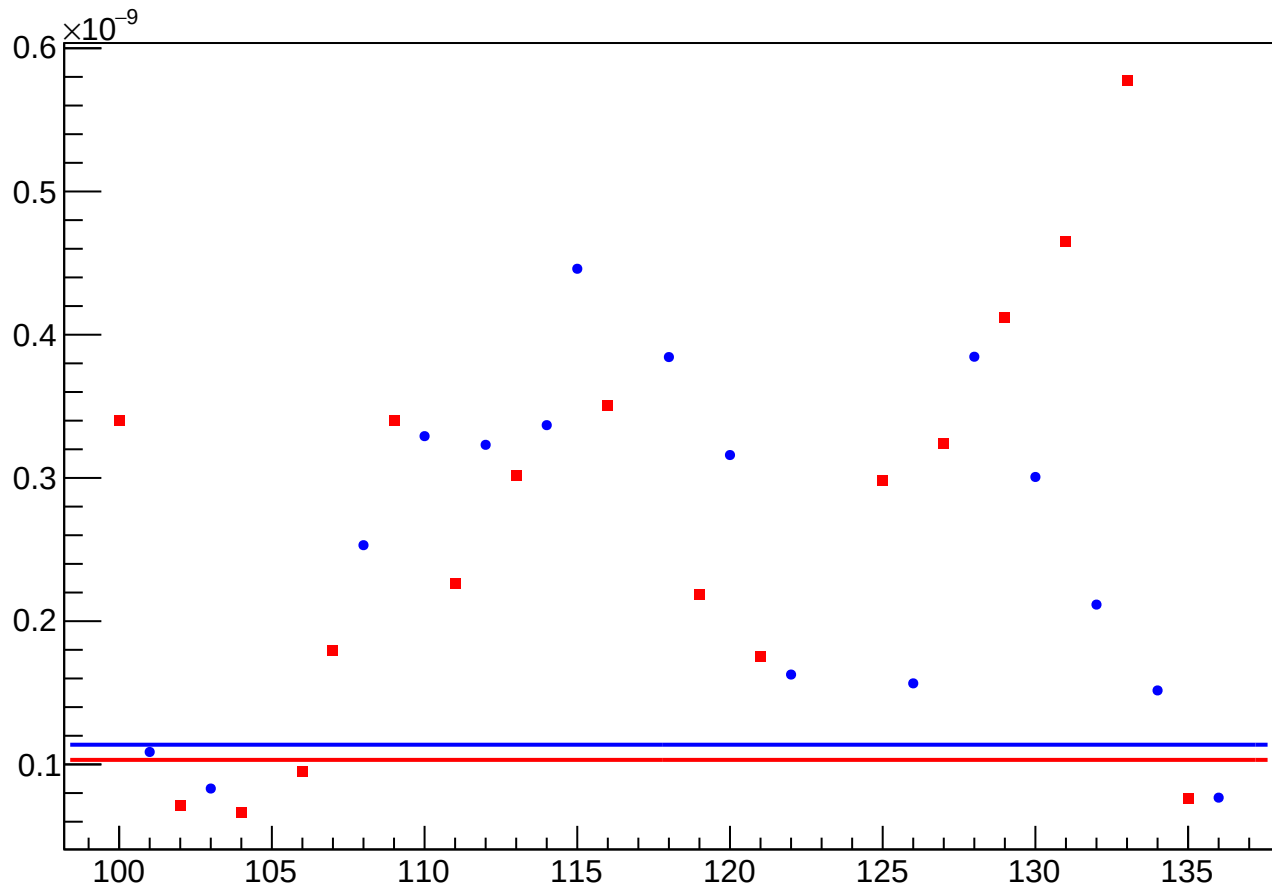
Right: -0.000+/-0.000 χ^2/NDF : 26.2/32

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 : 26.2/32

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 : 2078192.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

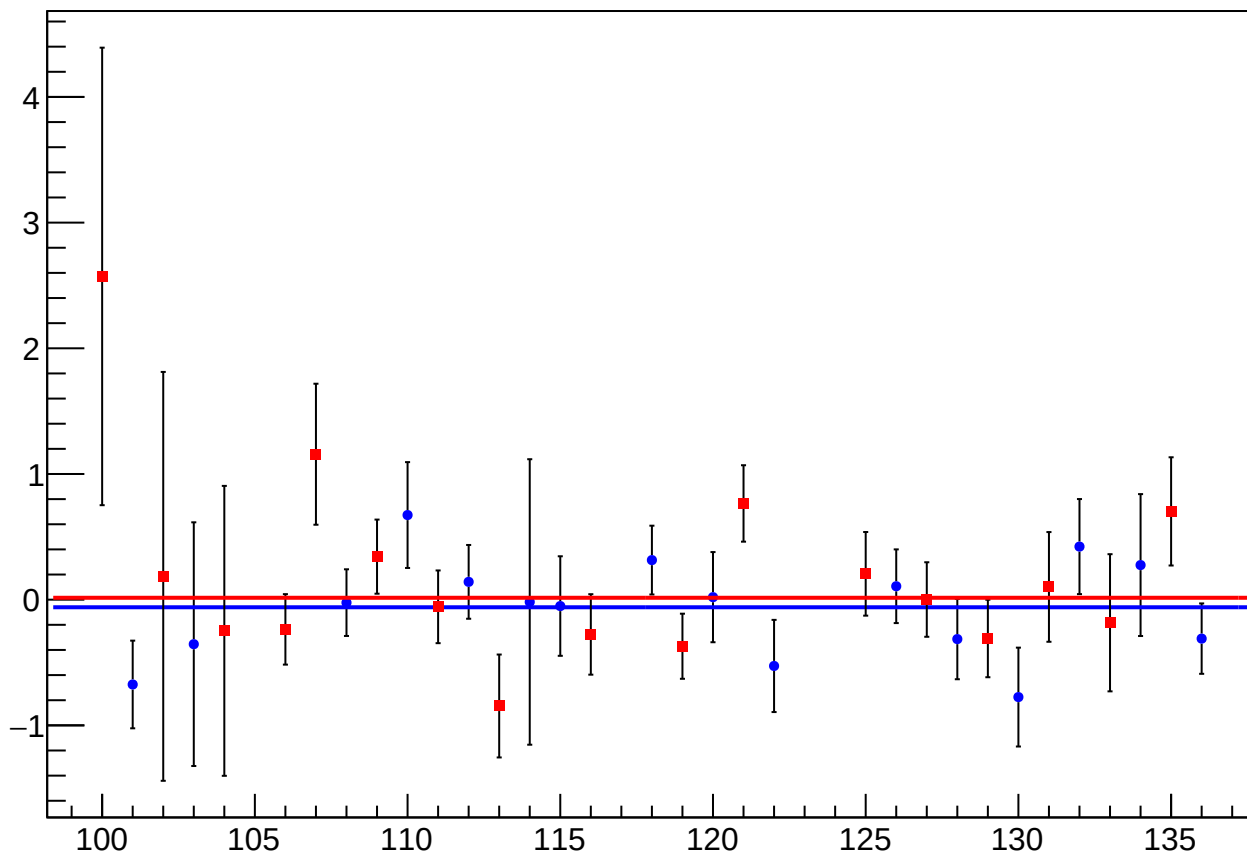
Right: 0.000+/-0.000 χ^2/NDF : 3621522.2/32

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 : 3621522.2/32

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: 0.015 ± 0.089 χ^2/NDF : 26.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

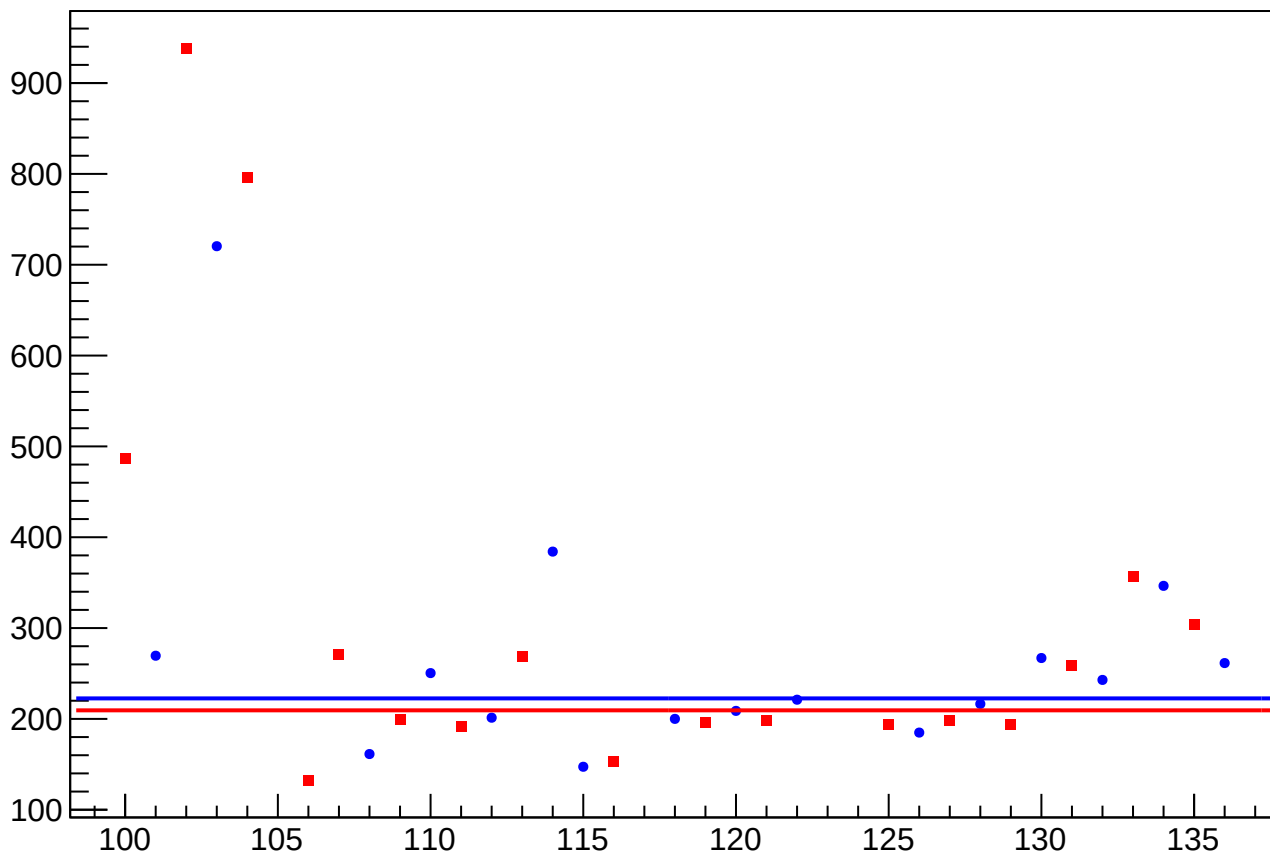
Right: -0.023 ± 0.063 χ^2/NDF : 43.7/32

In: -0.060 ± 0.089 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.063 χ^2/NDF : 43.7/32

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: 209.425+/-0.063 χ^2/NDF : 1544104.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

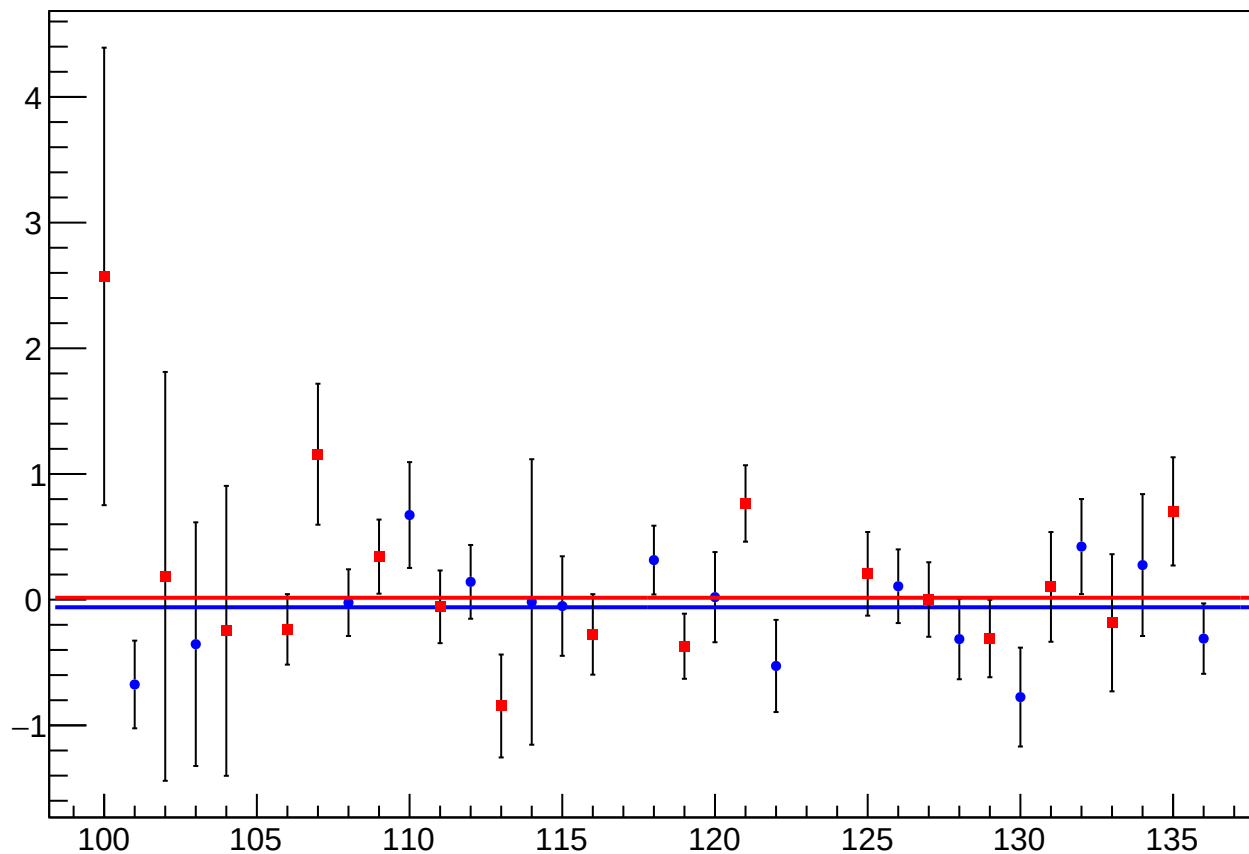
Right: 215.999+/-0.044 χ^2/NDF : 2584850.8/32

In: 222.569+/-0.063 χ^2/NDF : 1018774.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.999+/-0.044 χ^2/NDF : 2584850.8/32

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: 0.015 ± 0.089 χ^2/NDF : 26.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

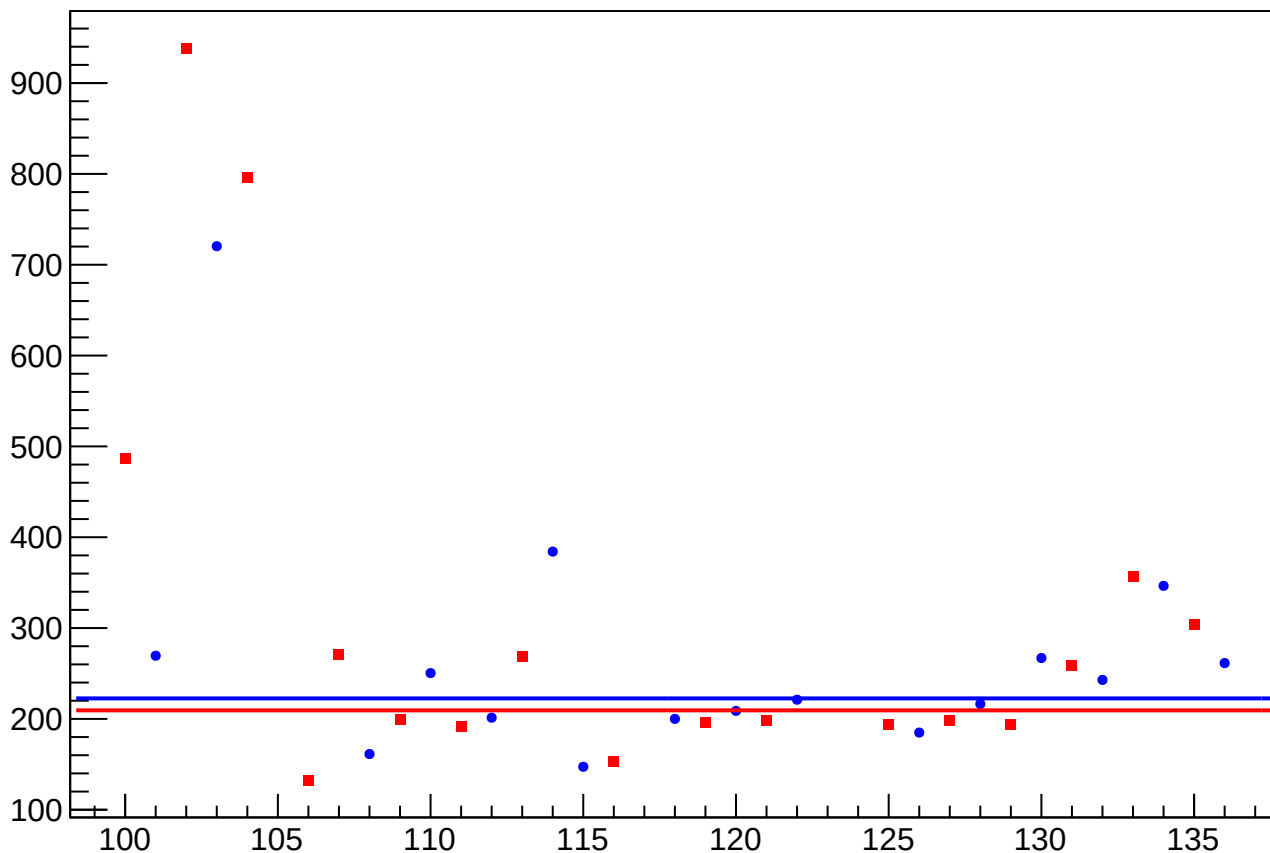
Right: -0.023 ± 0.063 χ^2/NDF : 43.7/32

In: -0.060 ± 0.089 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.063 χ^2/NDF : 43.7/32

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: 209.425+/-0.063 χ^2/NDF : 1544104.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

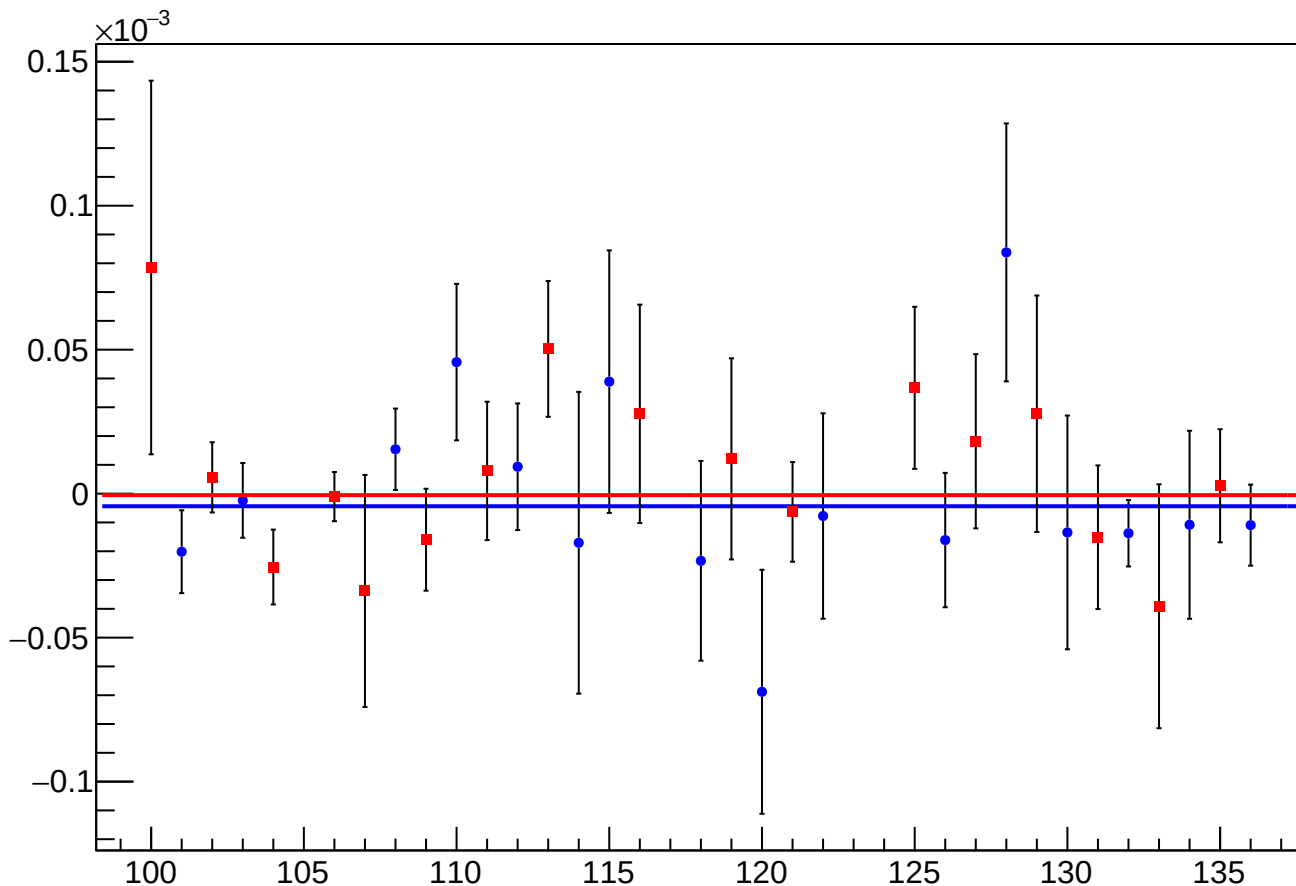
Right: 215.999+/-0.044 χ^2/NDF : 2584850.8/32

In: 222.569+/-0.063 χ^2/NDF : 1018774.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.999+/-0.044 χ^2/NDF : 2584850.8/32

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: 16.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

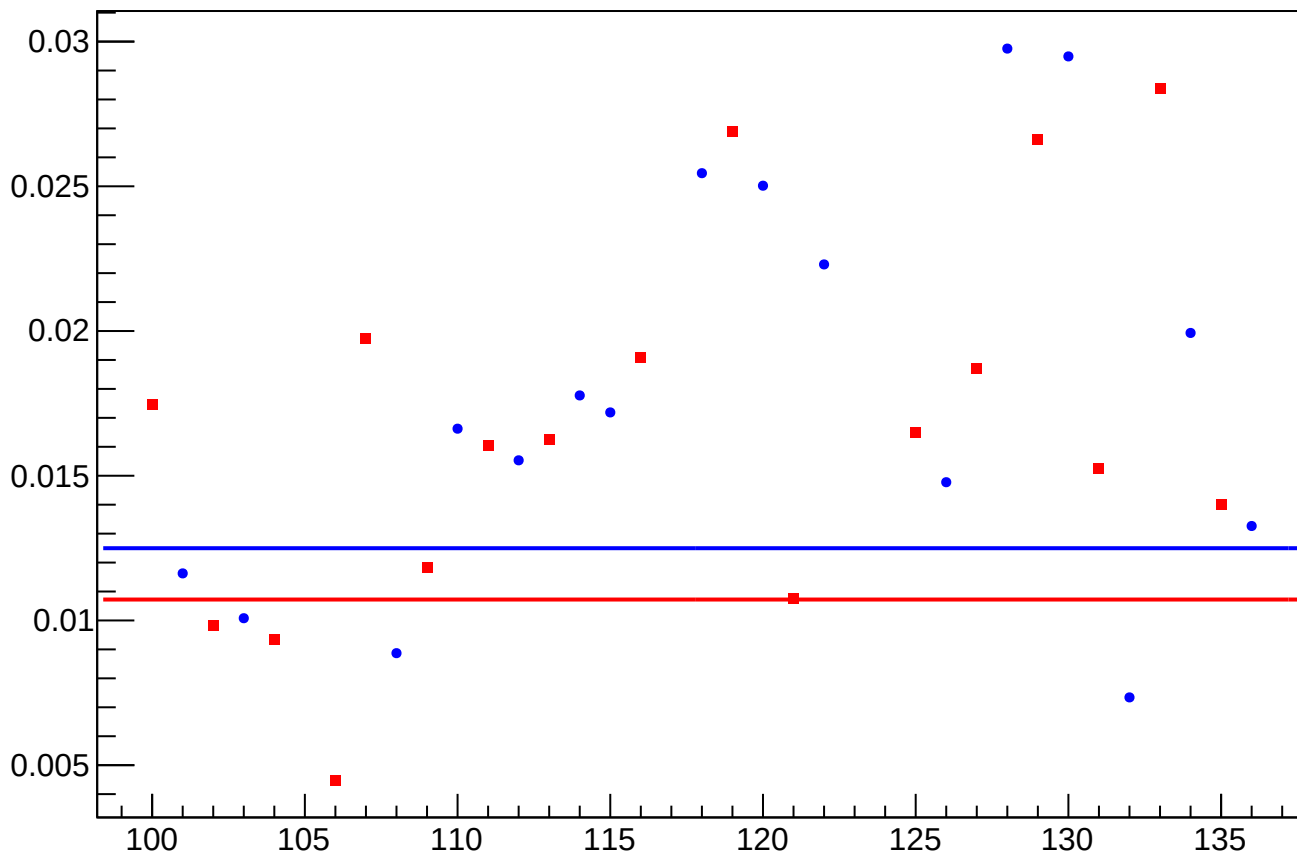
Right: -0.000+/-0.000 χ^2 /NDF: 32.2/32

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: 32.2/32

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 : 2966776.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

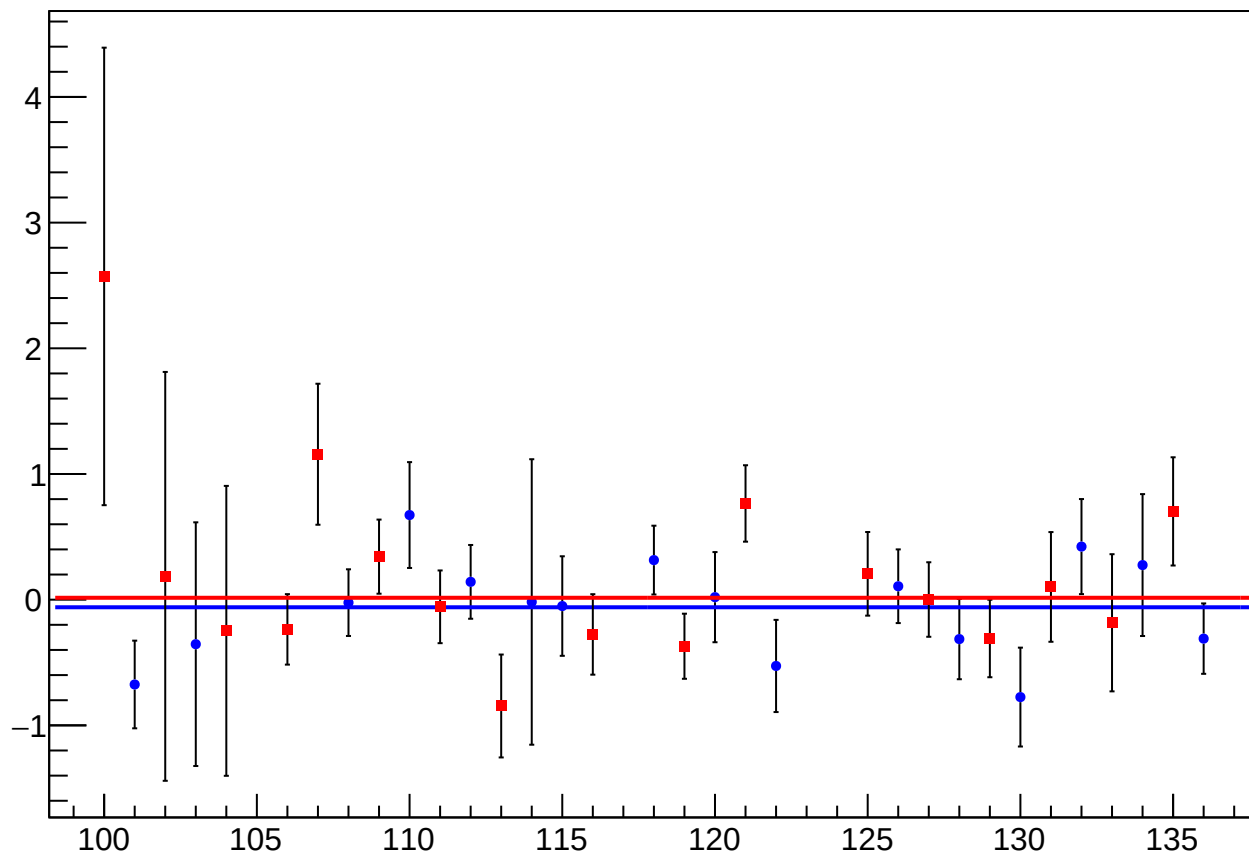
Right: 0.012+/-0.000 χ^2/NDF : 5214526.9/32

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 : 5214526.9/32

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.060 ± 0.089 $\chi^2/\text{NDF}: 17.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.015 ± 0.089 $\chi^2/\text{NDF}: 26.0/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

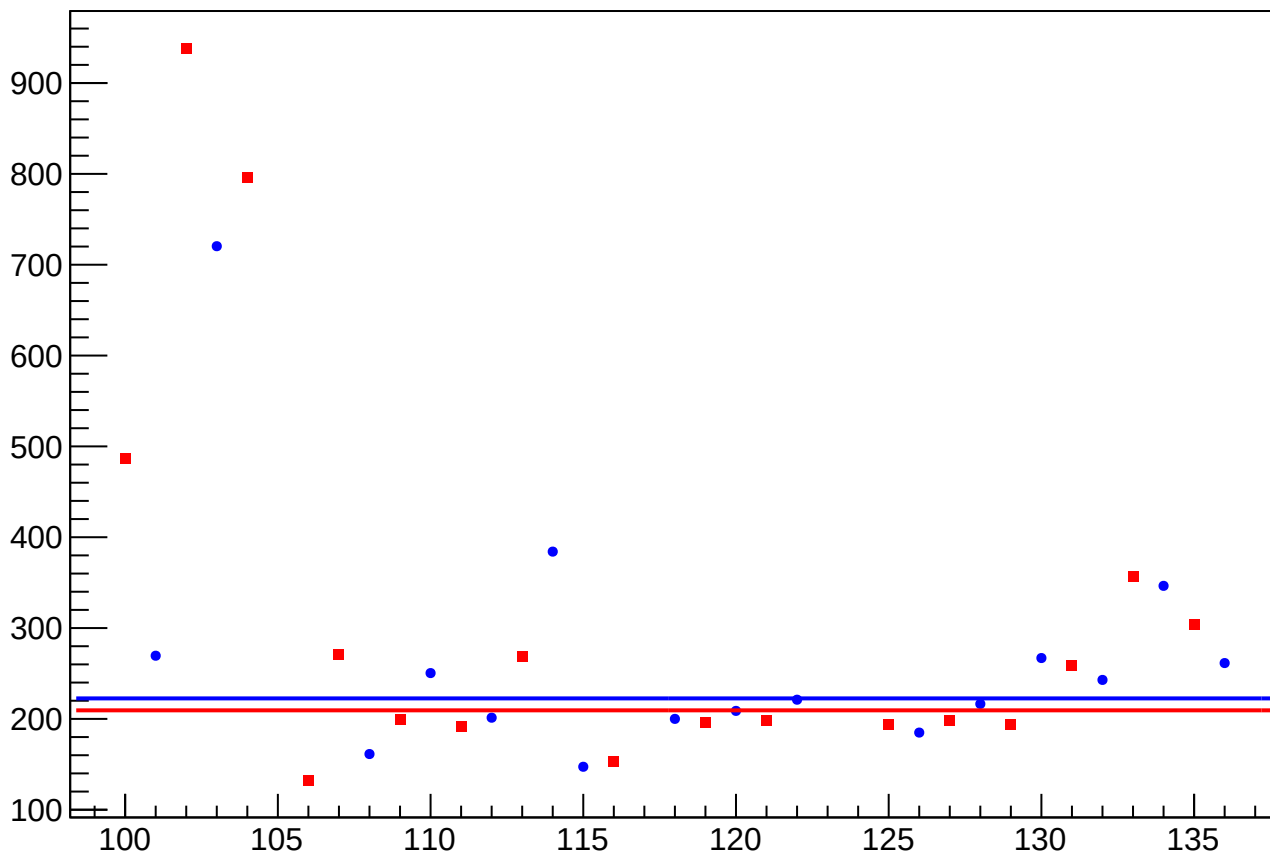
Right: -0.023 ± 0.063 $\chi^2/\text{NDF}: 43.7/32$

In: -0.060 ± 0.089 $\chi^2/\text{NDF}: 17.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.023 ± 0.063 $\chi^2/\text{NDF}: 43.7/32$

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: 209.423+/-0.063 χ^2/NDF : 1544084.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

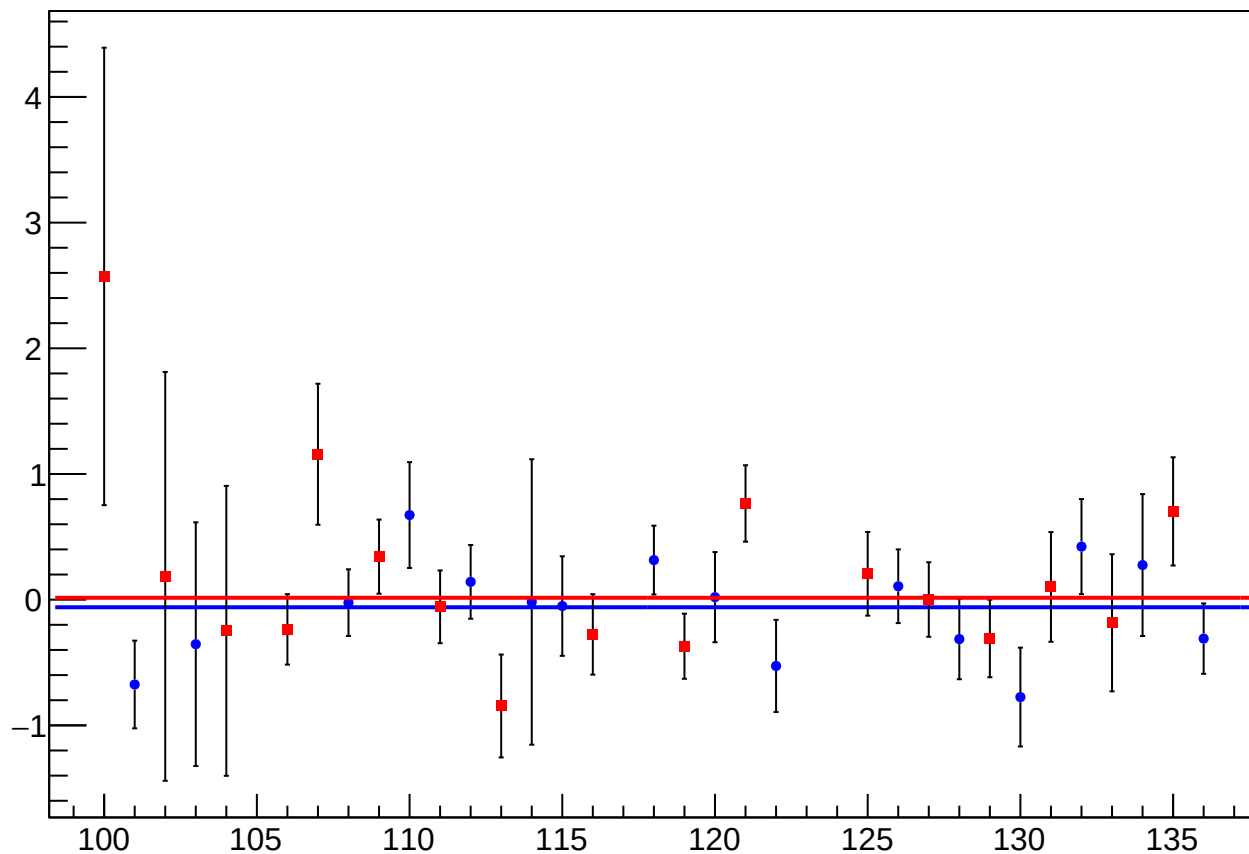
Right: 215.996+/-0.044 χ^2/NDF : 2584819.7/32

In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.996+/-0.044 χ^2/NDF : 2584819.7/32

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: 0.015 ± 0.089 χ^2/NDF : 26.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

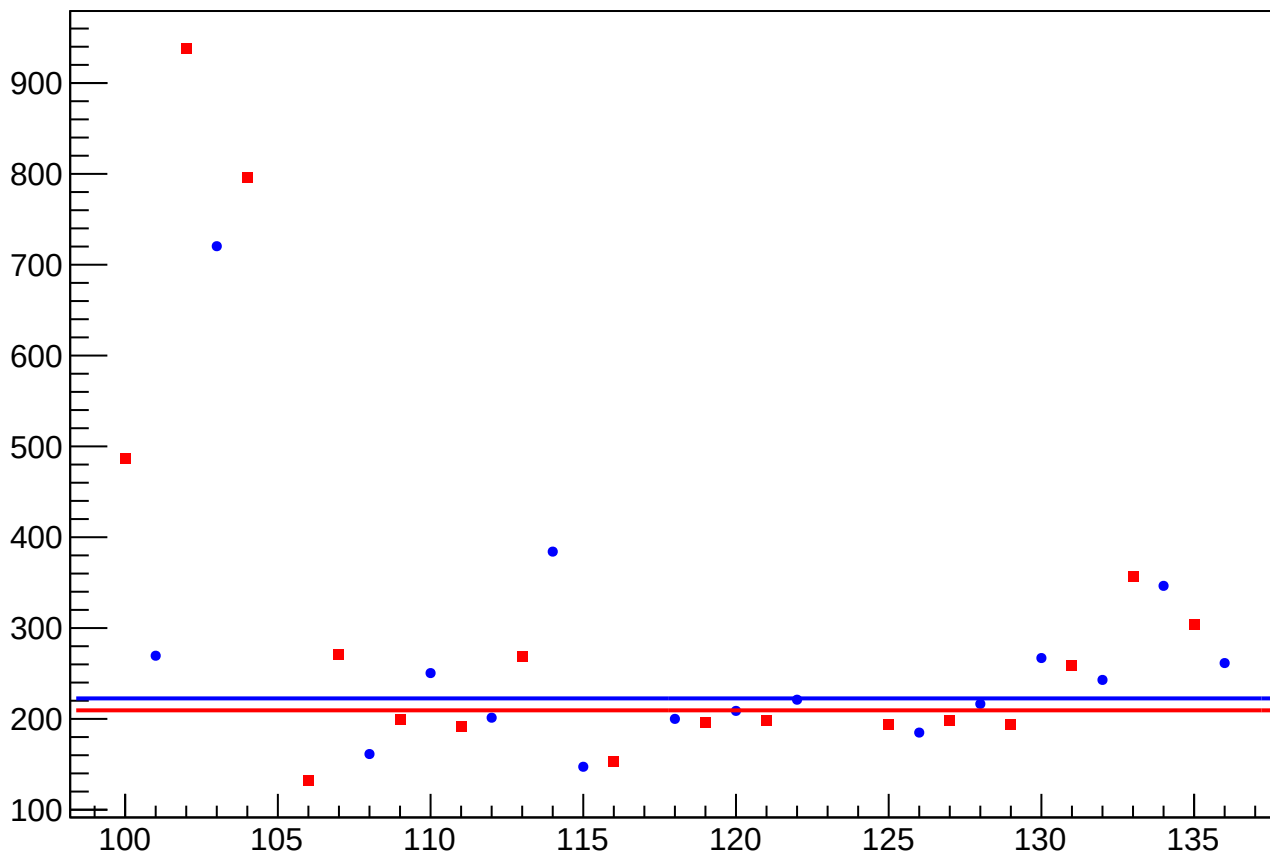
Right: -0.023 ± 0.063 χ^2/NDF : 43.7/32

In: -0.060 ± 0.089 χ^2/NDF : 17.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.023 ± 0.063 χ^2/NDF : 43.7/32

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: 209.423+/-0.063 χ^2/NDF : 1544084.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

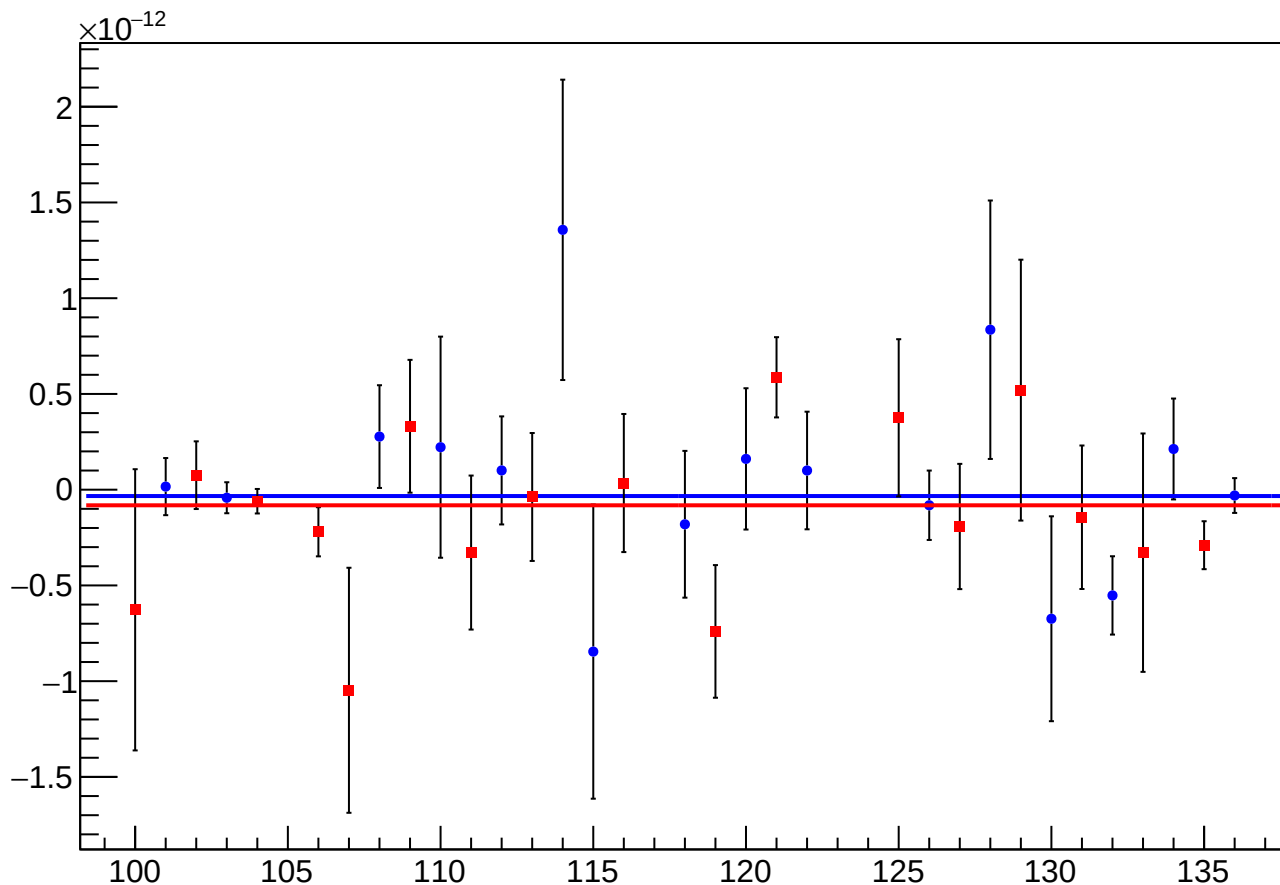
Right: 215.996+/-0.044 χ^2/NDF : 2584819.7/32

In: 222.567+/-0.063 χ^2/NDF : 1018760.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 215.996+/-0.044 χ^2/NDF : 2584819.7/32

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 : 25.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

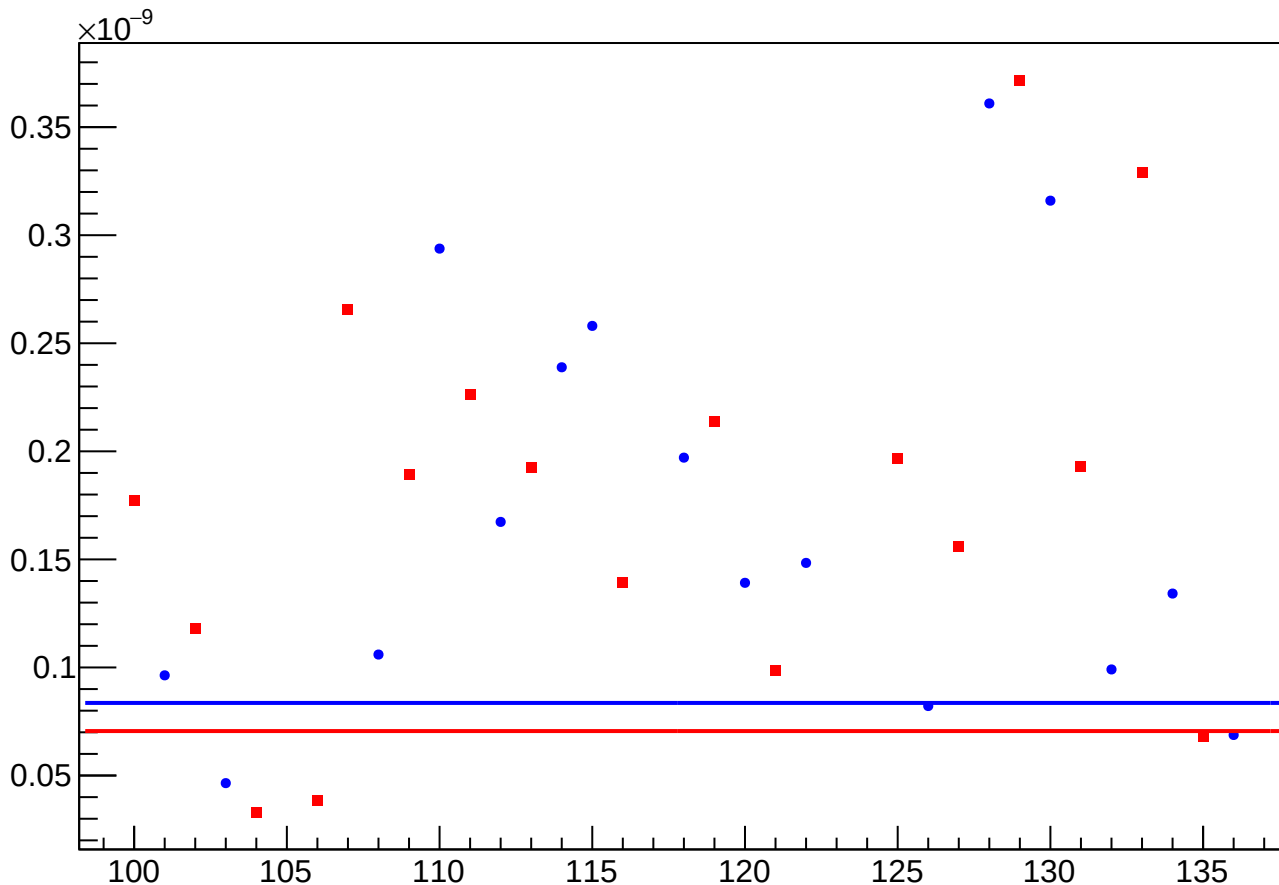
Right: -0.000+/-0.000 χ^2/NDF : 43.5/32

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 : 43.5/32

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 : 3723360.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

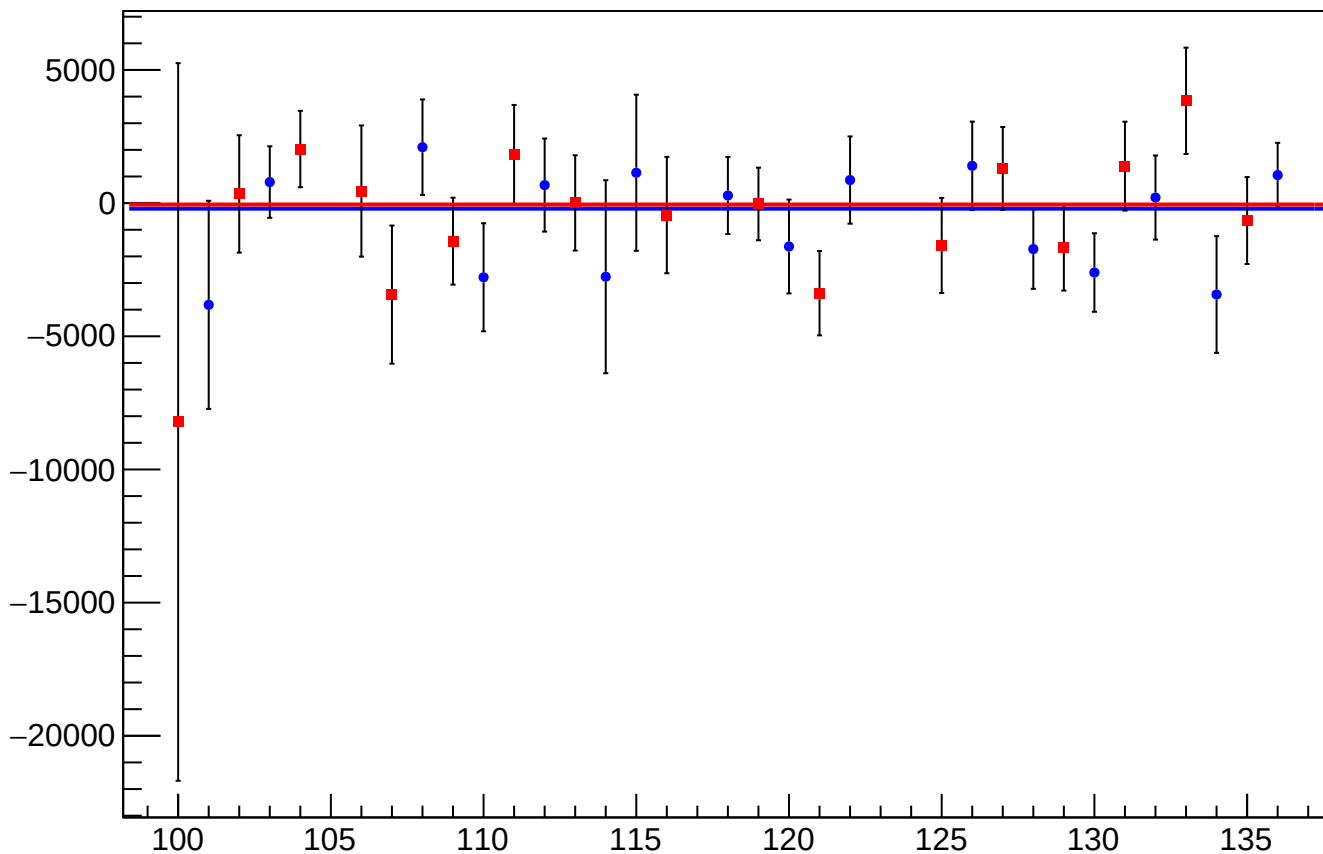
Right: 0.000+/-0.000 χ^2/NDF : 6038712.3/32

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 : 6038712.3/32

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: -52.603+/-437.073 χ^2/NDF : 17.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

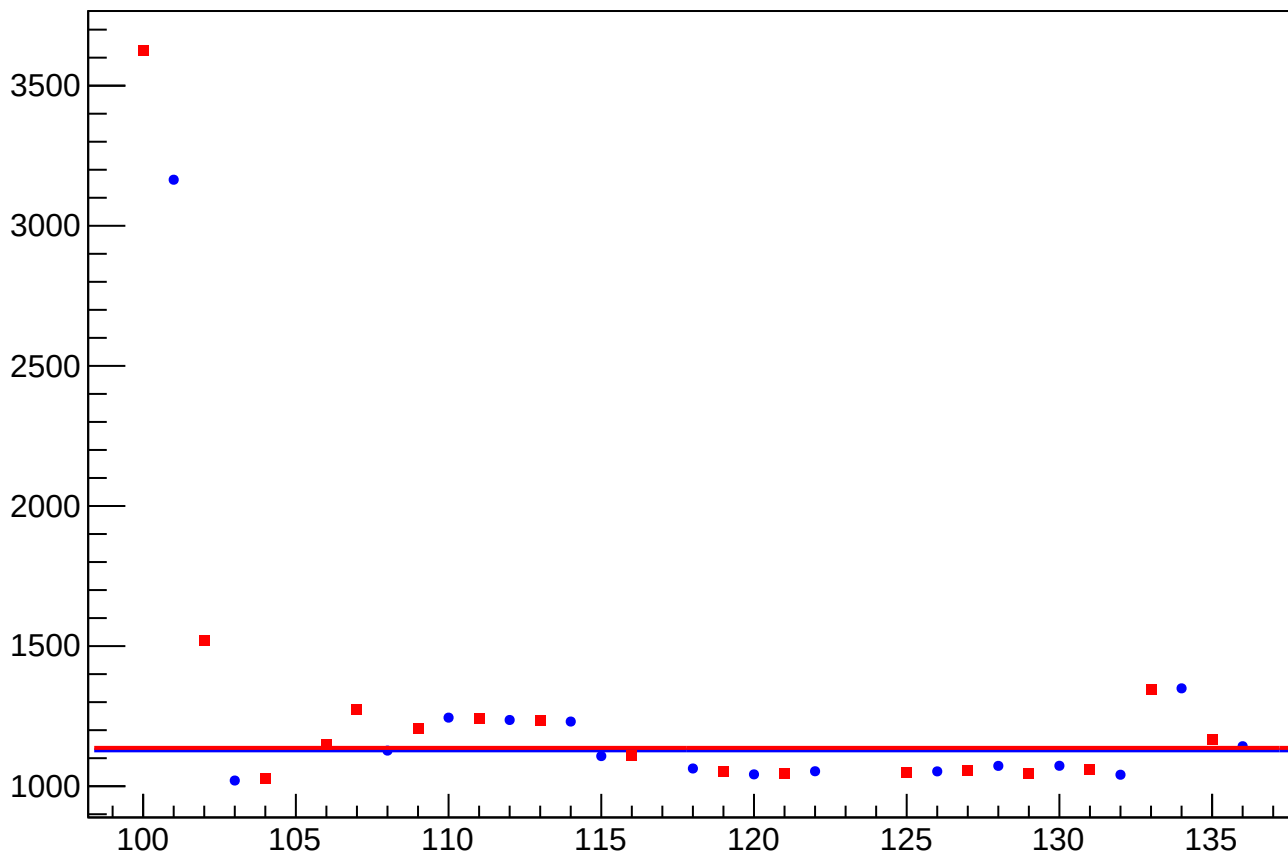
Right: -131.894+/-306.219 χ^2/NDF : 32.5/32

In: -208.338+/-429.155 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.894+/-306.219 χ^2/NDF : 32.5/32

reg_asym_us_avg_atlr_avg_dd_rms vs Slug, Sign Corrected



Right In: 1128.007 $\pm$ 0.303 χ^2 /NDF: 621394.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1136.811 $\pm$ 0.308 χ^2 /NDF: 220066.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

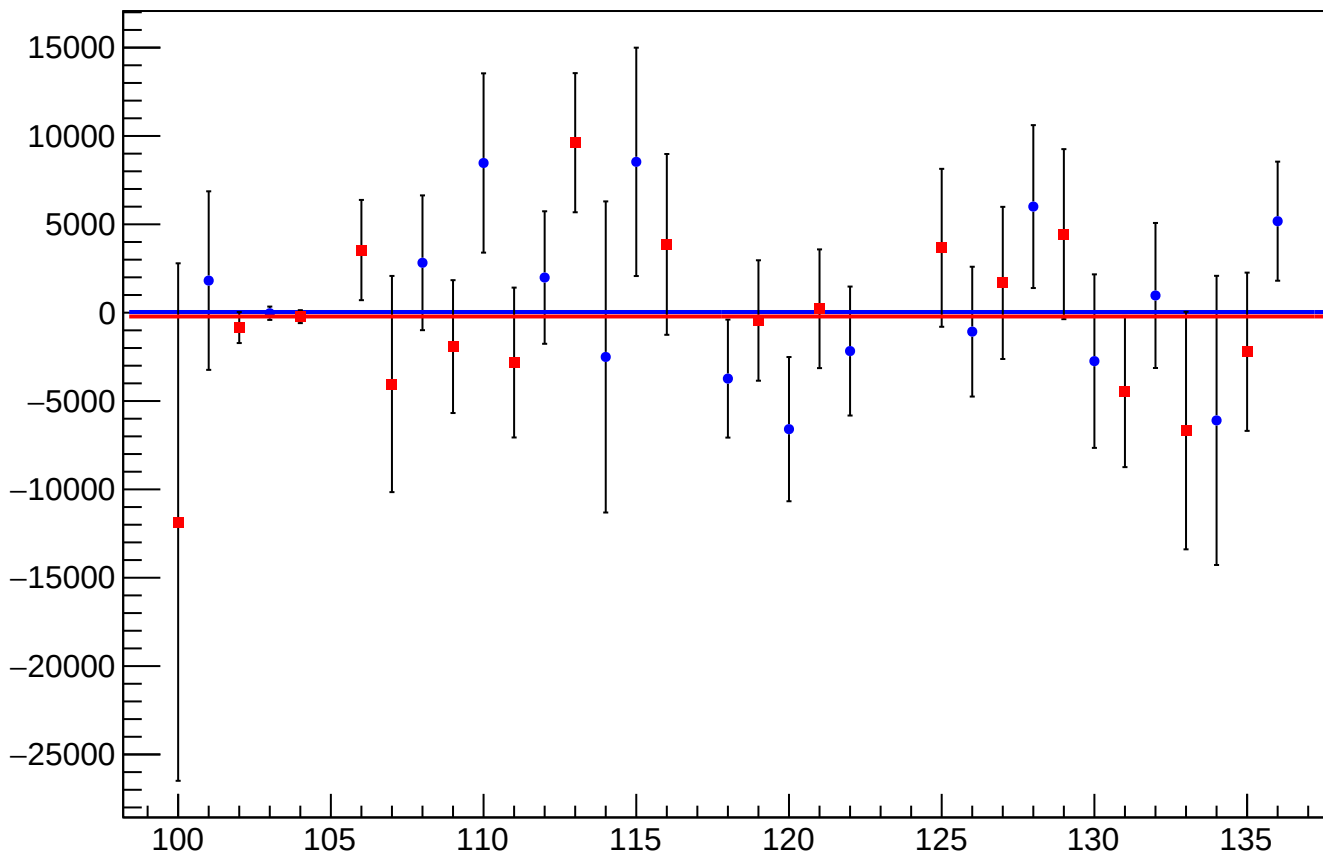
Right: 1132.337 $\pm$ 0.216 χ^2 /NDF: 841875.1/32

In: 1128.007 $\pm$ 0.303 χ^2 /NDF:621394.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1132.337 $\pm$ 0.216 χ^2 /NDF: 841875.1/32

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: -215.471+/-322.889 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

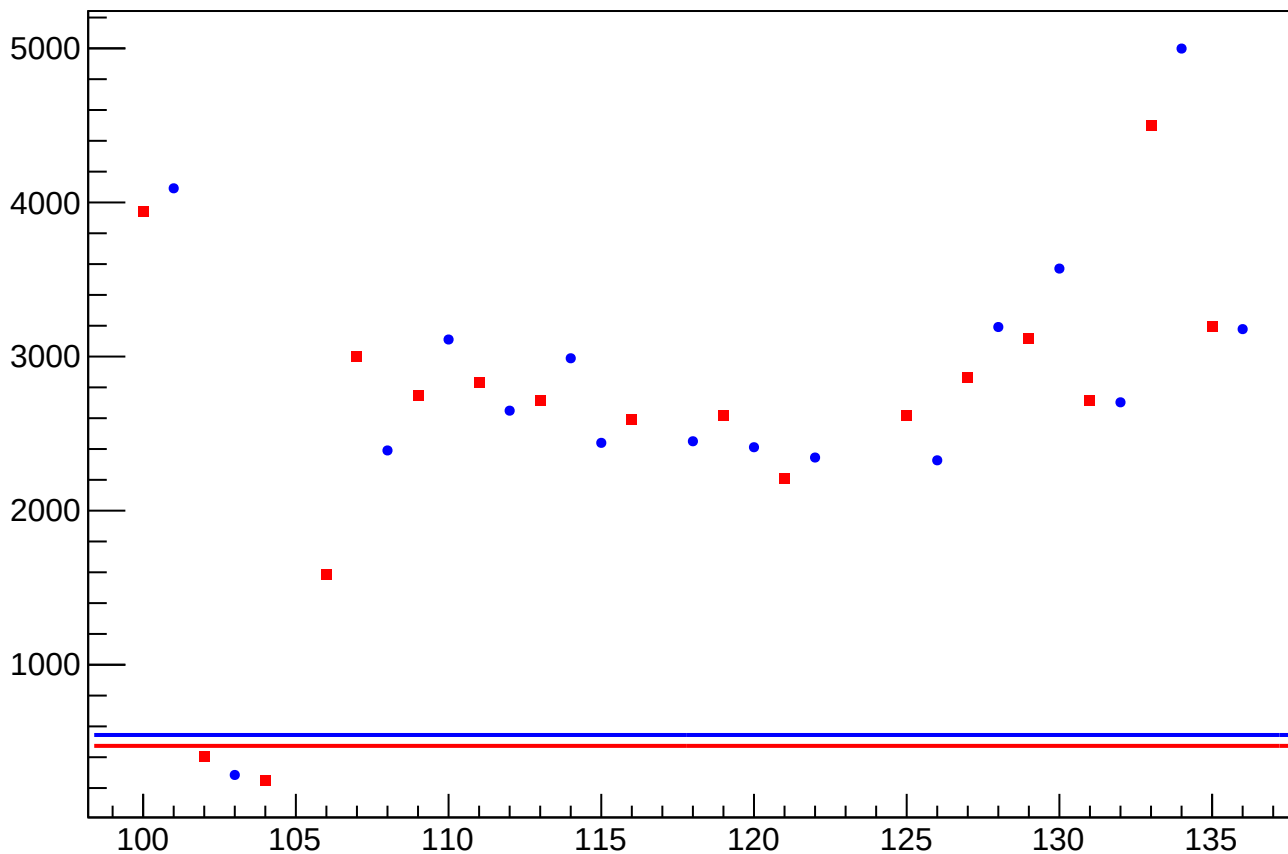
Right: -101.515+/-239.667 χ^2/NDF : 29.9/32

In: 38.300+/-357.651 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.515+/-239.667 χ^2/NDF : 29.9/32

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: 473.566+/-0.228 χ^2/NDF : 8896492.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

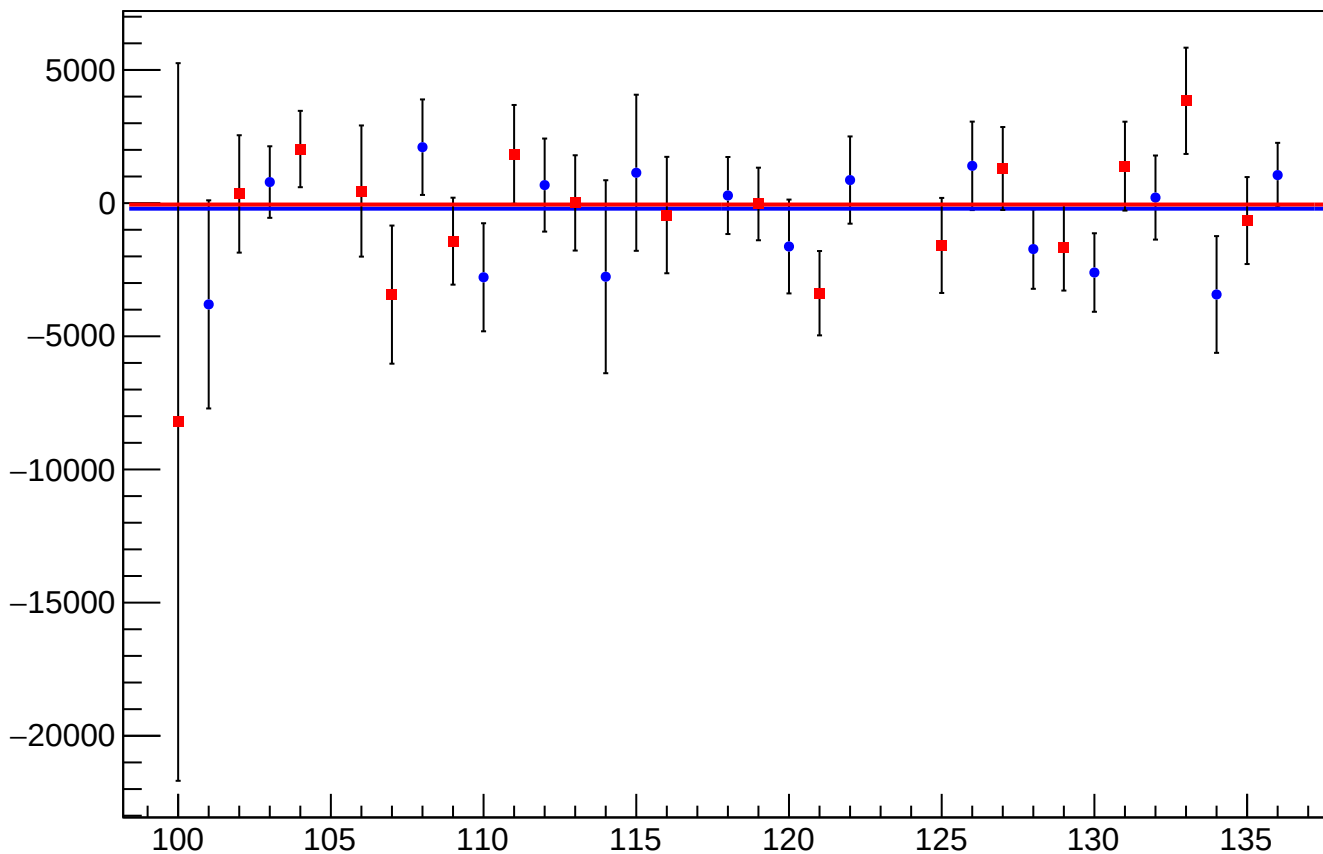
Right: 505.345+/-0.169 χ^2/NDF : 18622604.6/32

In: 544.336+/-0.253 χ^2/NDF : 9682967.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 505.345+/-0.169 χ^2/NDF : 18622604.6/32

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: -52.454+/-437.073 χ^2/NDF : 17.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

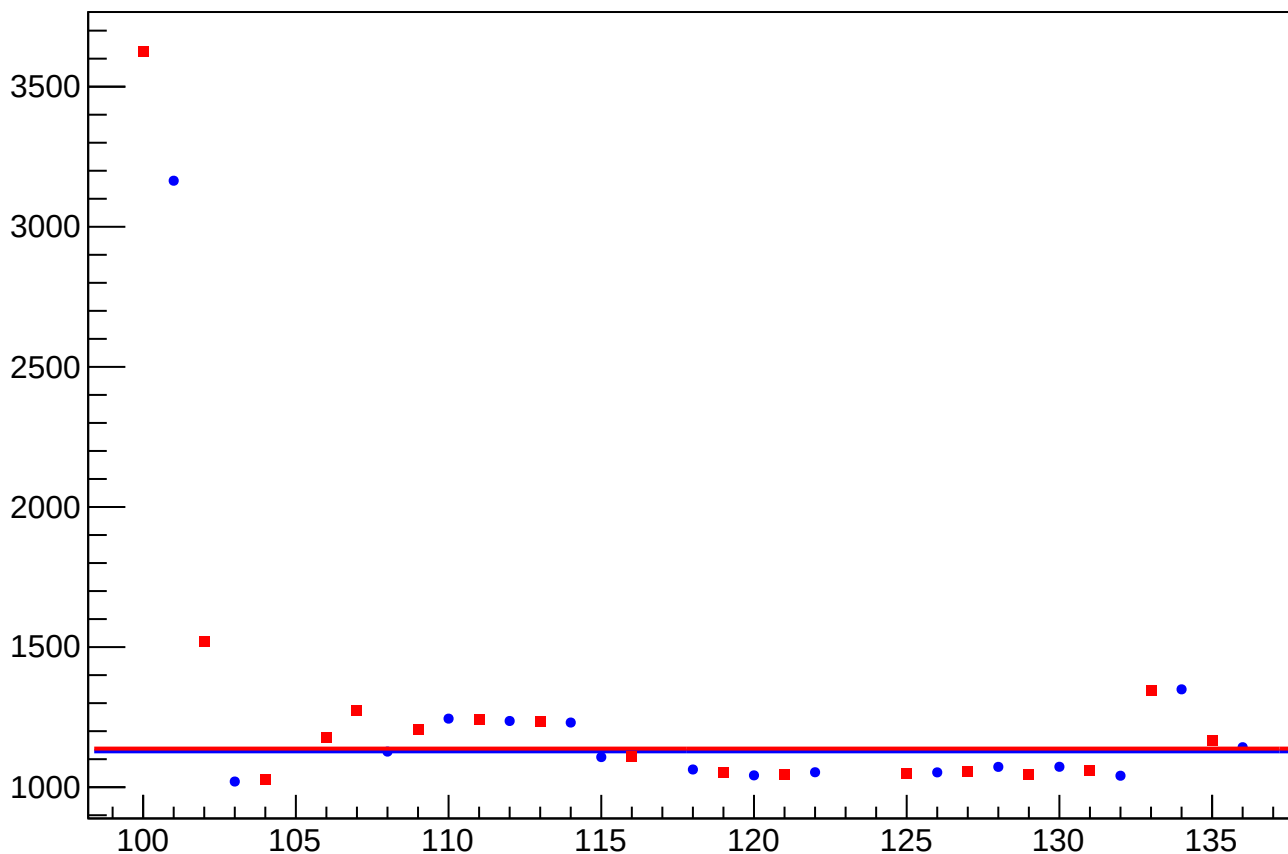
Right: -131.705+/-306.219 χ^2/NDF : 32.5/32

In: -208.110+/-429.155 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.705+/-306.219 χ^2/NDF : 32.5/32

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: 1137.797+/-0.309 χ^2/NDF : 220609.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

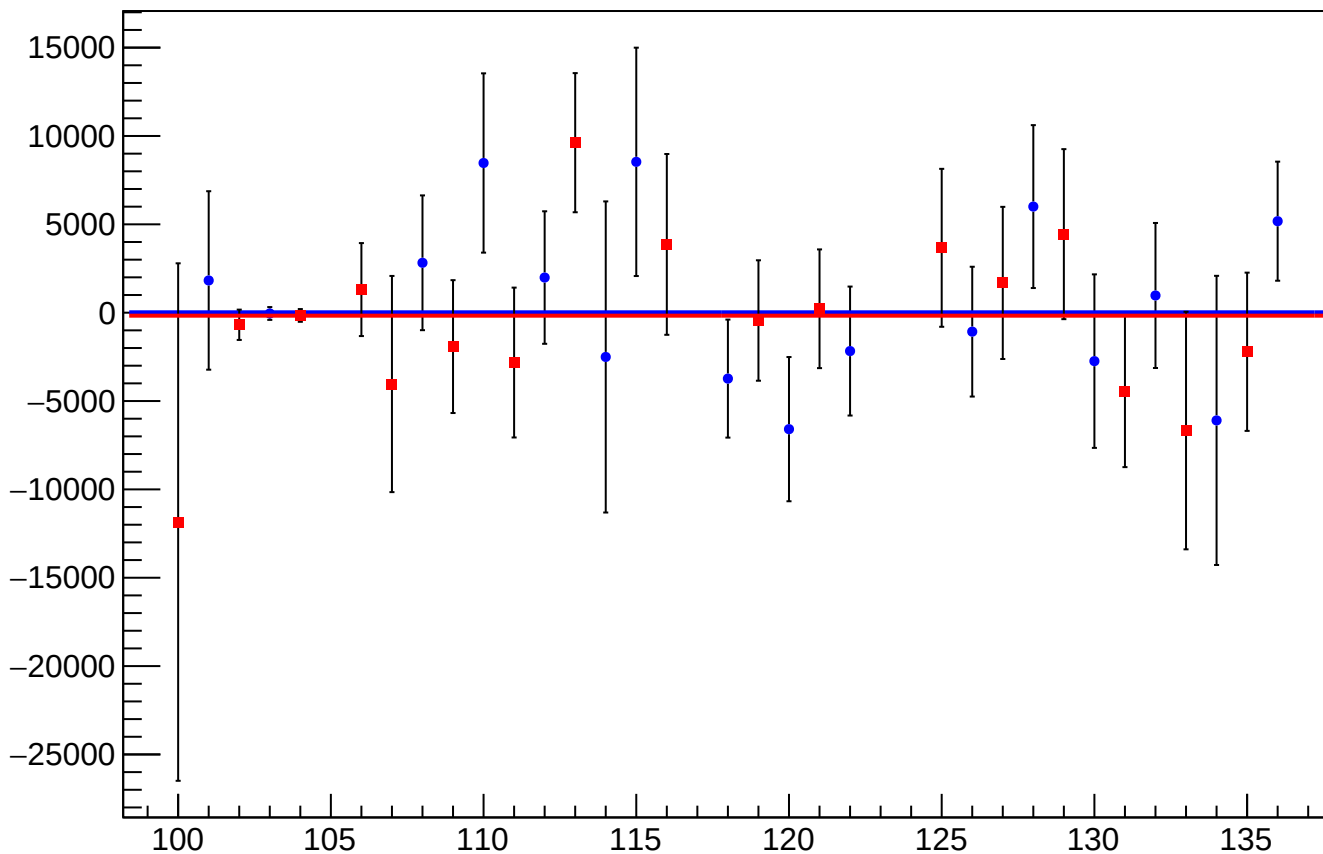
Right: 1132.815+/-0.216 χ^2/NDF : 842516.3/32

In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.815+/-0.216 χ^2/NDF : 842516.3/32

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: -169.525 $\pm$ 317.695 χ^2 /NDF: 13.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

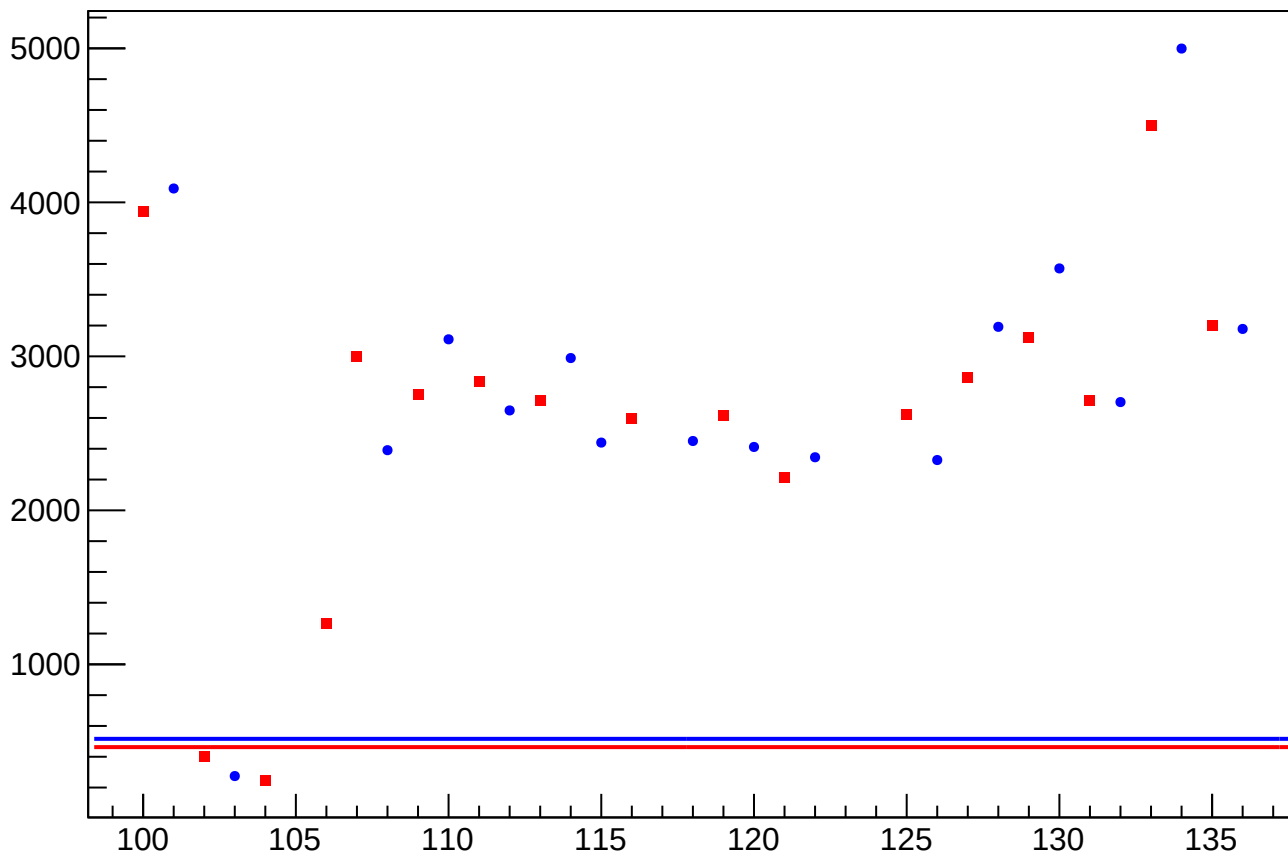
Right: -81.673 $\pm$ 233.554 χ^2 /NDF: 28.2/32

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: -81.673 $\pm$ 233.554 χ^2 /NDF: 28.2/32

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: 462.531+/-0.225 χ^2/NDF : 8817297.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

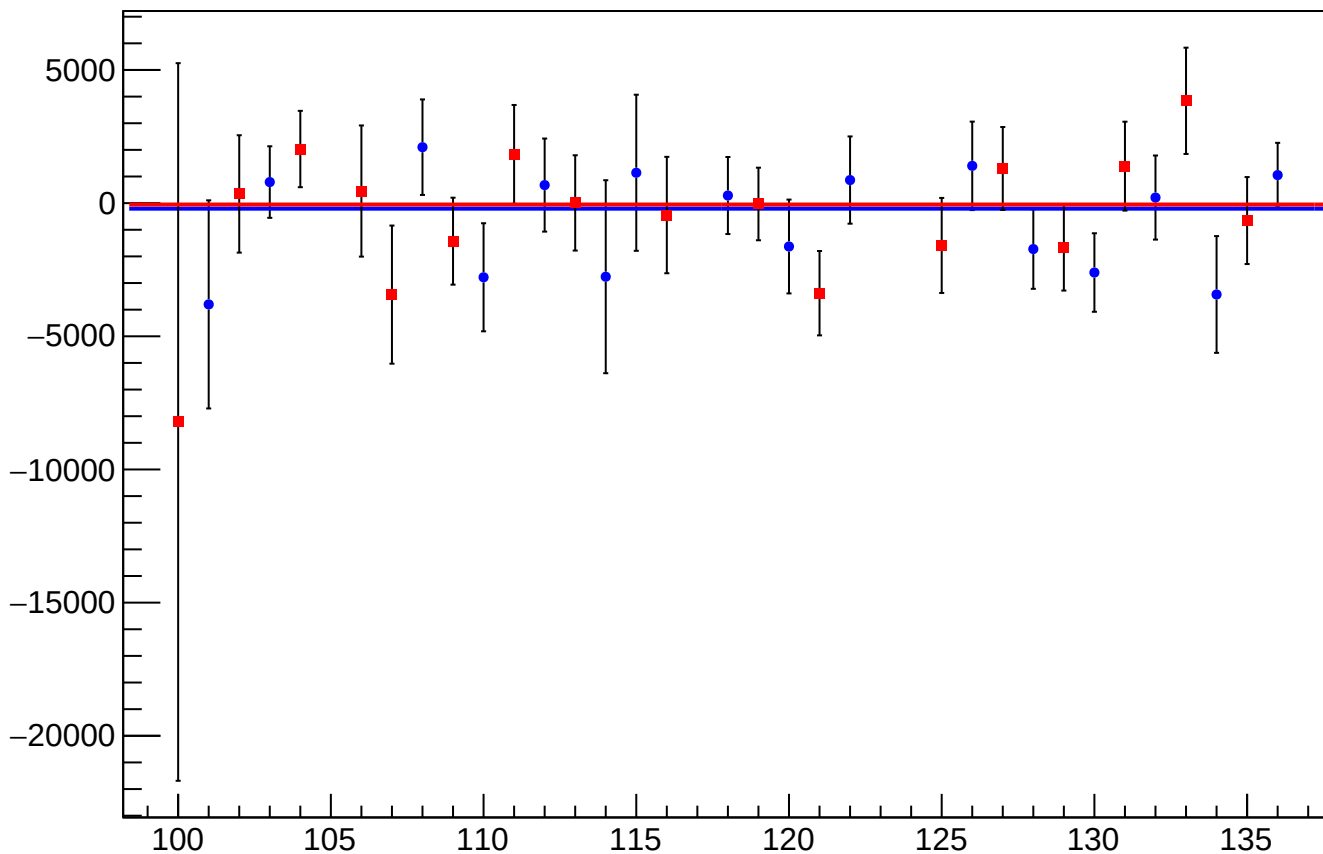
Right: 487.239+/-0.165 χ^2/NDF : 18678291.3/32

In: 516.297+/-0.244 χ^2/NDF : 9834669.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.239+/-0.165 χ^2/NDF : 18678291.3/32

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug, Sign Corrected



Right In: -208.110 ± 429.155 $\chi^2/\text{NDF}: 14.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -52.454 ± 437.073 $\chi^2/\text{NDF}: 17.7/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

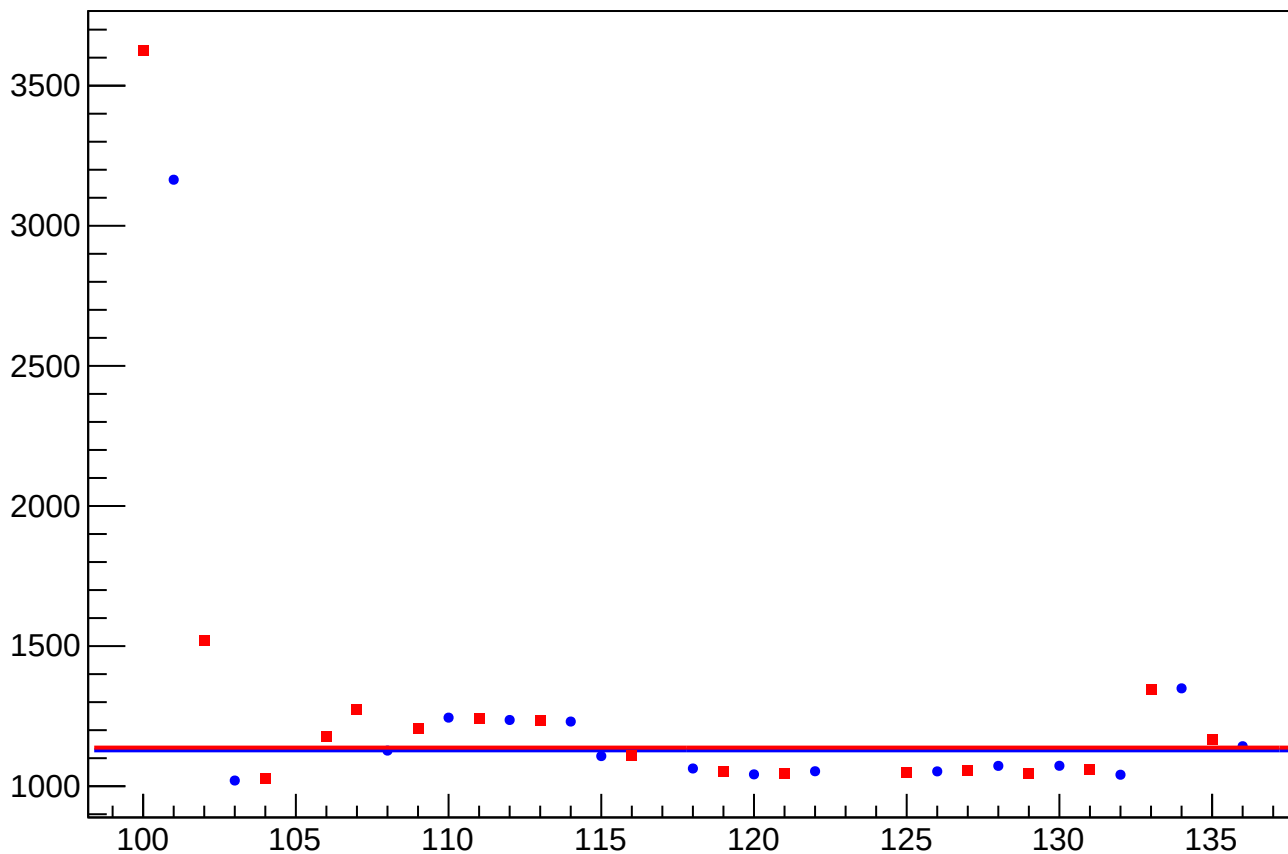
Right: -131.705 ± 306.219 $\chi^2/\text{NDF}: 32.5/32$

In: -208.110 ± 429.155 $\chi^2/\text{NDF}: 14.8/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -131.705 ± 306.219 $\chi^2/\text{NDF}: 32.5/32$

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: 1137.797+/-0.309 χ^2/NDF : 220609.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

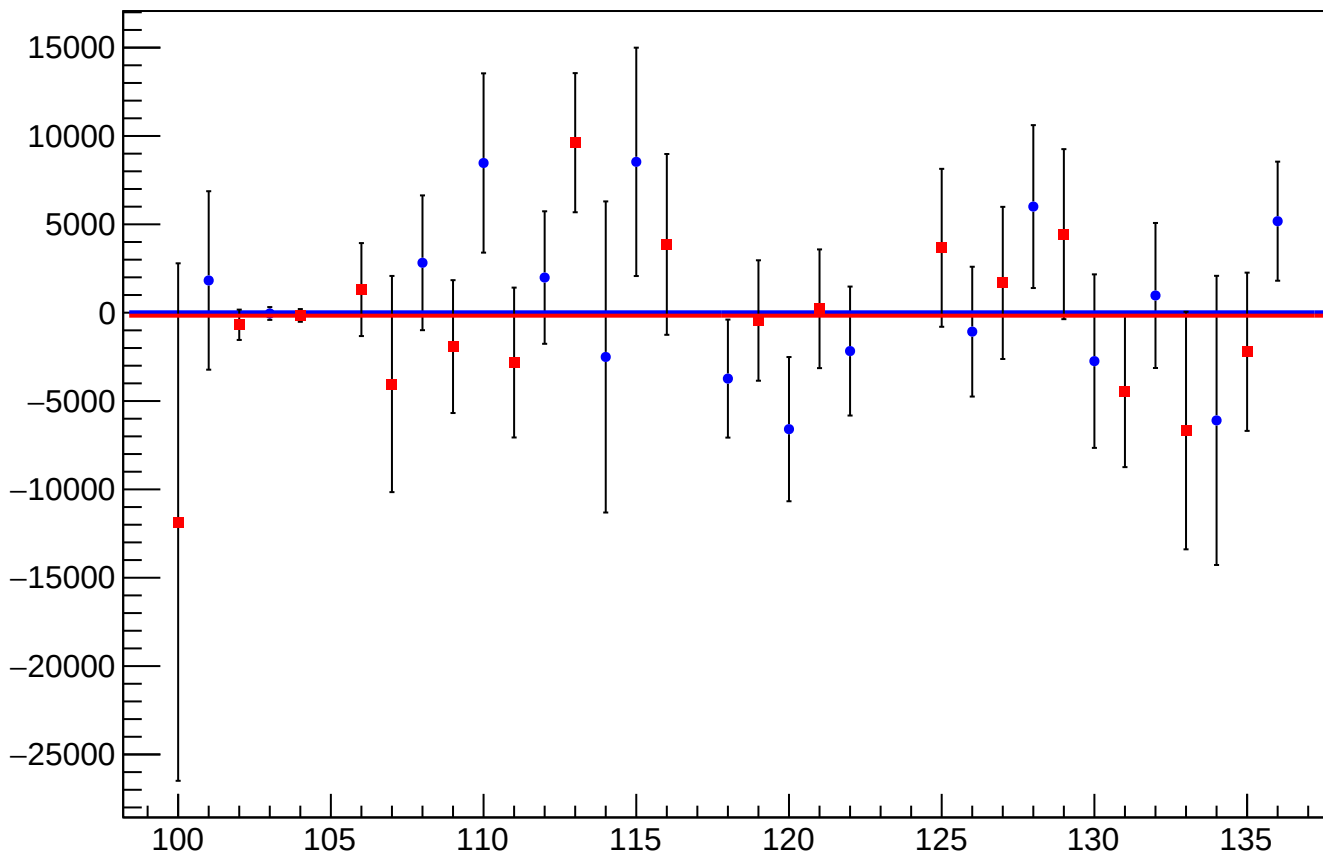
Right: 1132.815+/-0.216 χ^2/NDF : 842516.3/32

In: 1128.007+/-0.303 χ^2/NDF : 621395.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.815+/-0.216 χ^2/NDF : 842516.3/32

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: -169.525 $\pm$ 317.695 χ^2 /NDF: 13.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

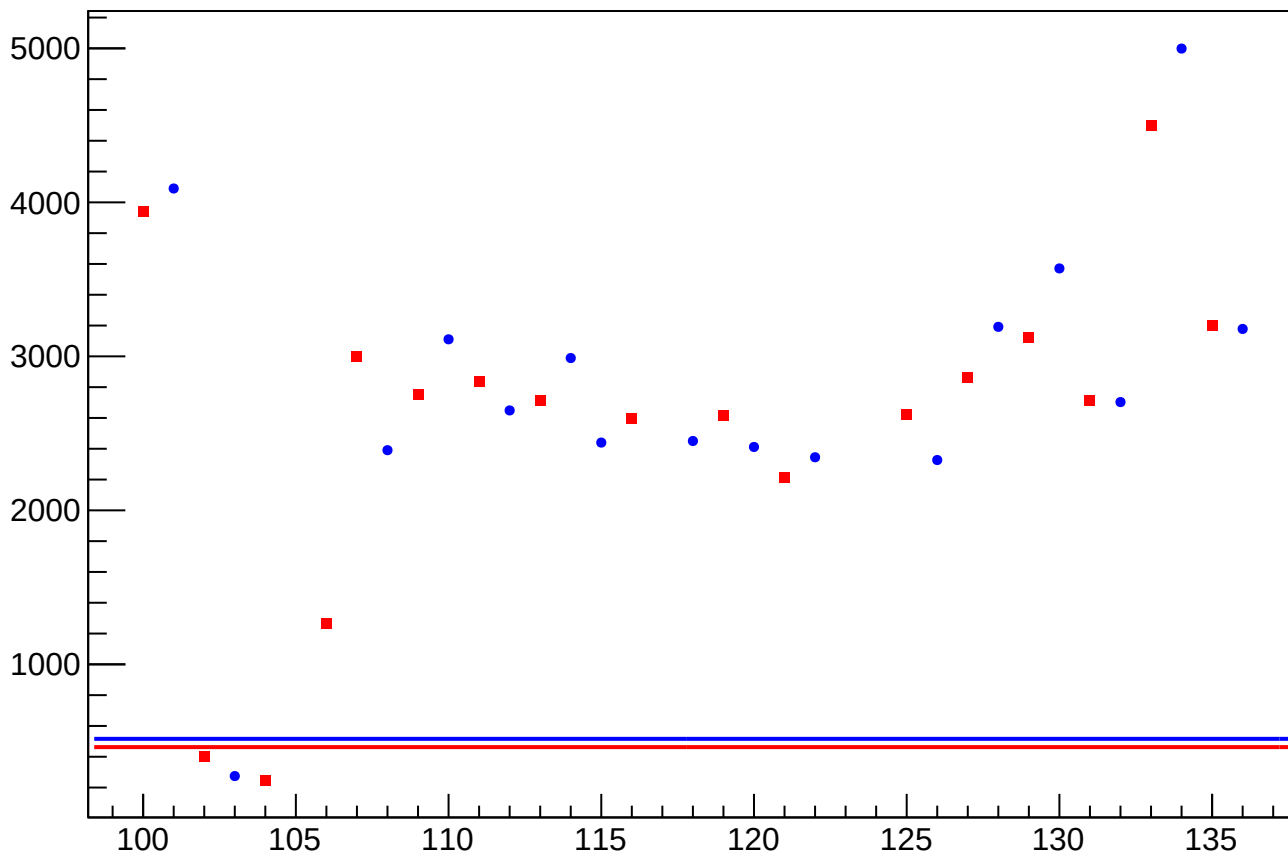
Right: -81.673 $\pm$ 233.554 χ^2 /NDF: 28.2/32

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: -81.673 $\pm$ 233.554 χ^2 /NDF: 28.2/32

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: 462.531+/-0.225 χ^2/NDF : 8817297.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

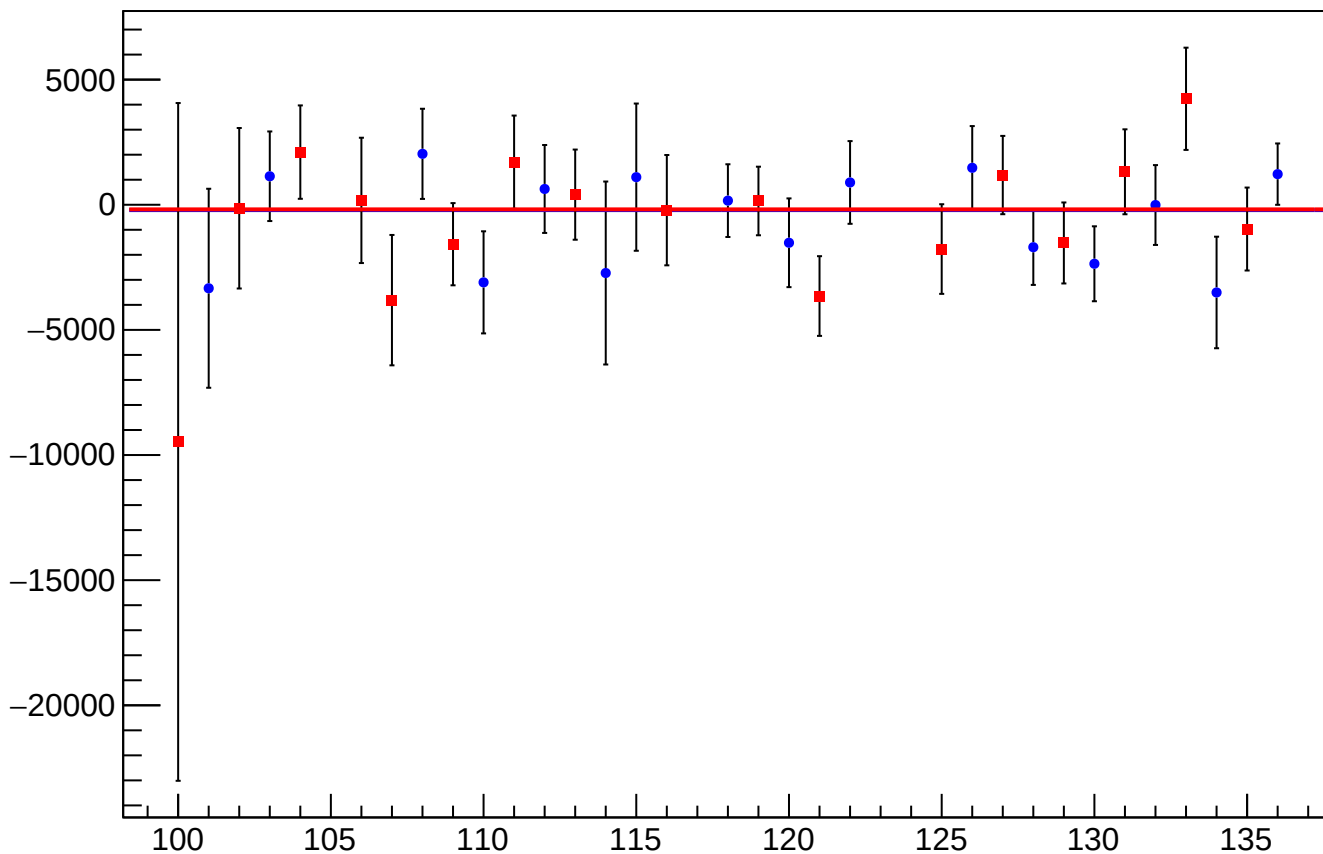
Right: 487.239+/-0.165 χ^2/NDF : 18678291.3/32

In: 516.297+/-0.244 χ^2/NDF :9834669.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 487.239+/-0.165 χ^2/NDF : 18678291.3/32

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: -185.092+/-454.061 χ^2 /NDF: 18.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

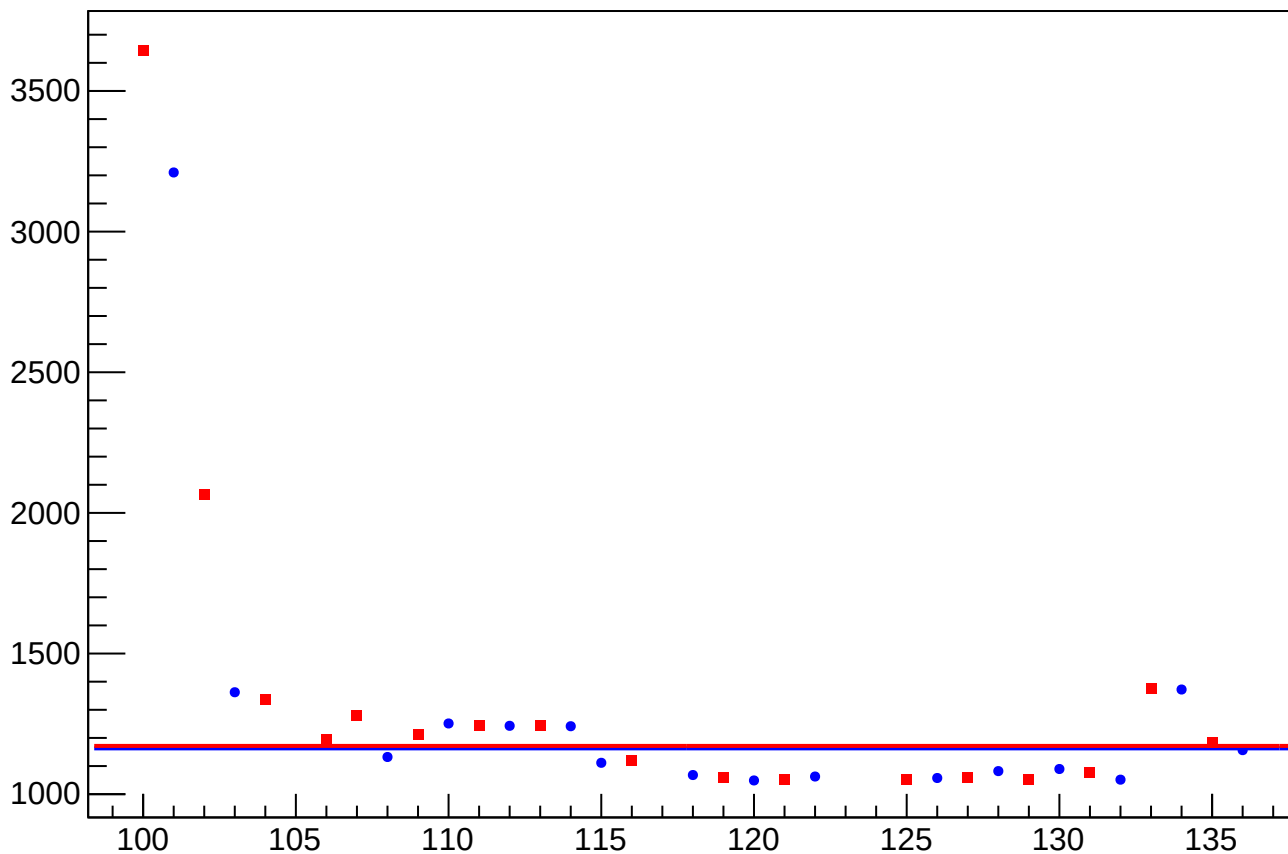
Right: -199.441+/-316.971 χ^2 /NDF: 32.8/32

In: -213.079+/-442.684 χ^2 /NDF:14.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -199.441+/-316.971 χ^2 /NDF: 32.8/32

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: 1171.647+/-0.321 χ^2/NDF : 331624.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

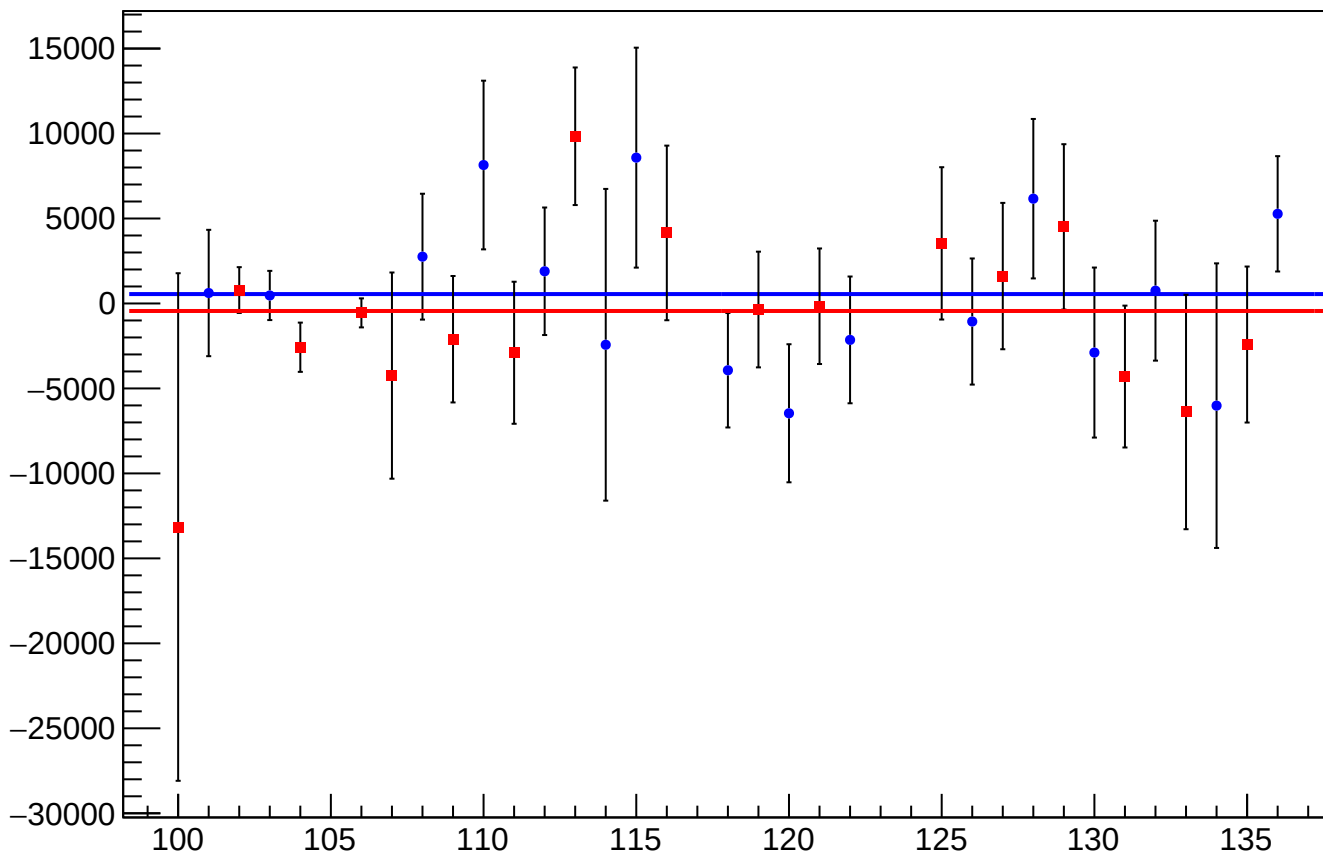
Right: 1167.140+/-0.224 χ^2/NDF : 967362.5/32

In: 1162.851+/-0.313 χ^2/NDF : 635353.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.140+/-0.224 χ^2/NDF : 967362.5/32

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: -442.611+/-567.630 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

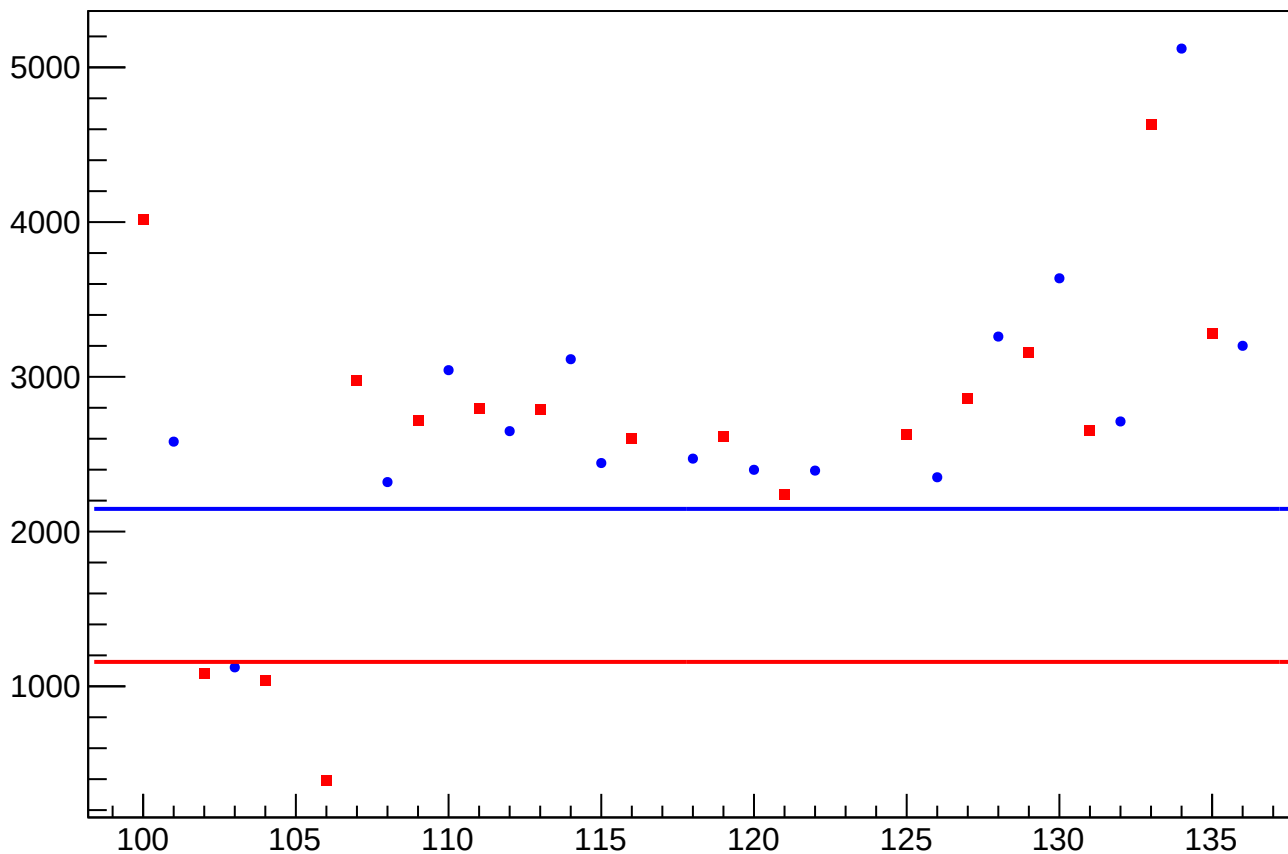
Right: -147.450+/-476.064 χ^2/NDF : 31.1/32

In: 552.517+/-874.128 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.450+/-476.064 χ^2/NDF : 31.1/32

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: 1157.709+/-0.401 χ^2/NDF : 5651512.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

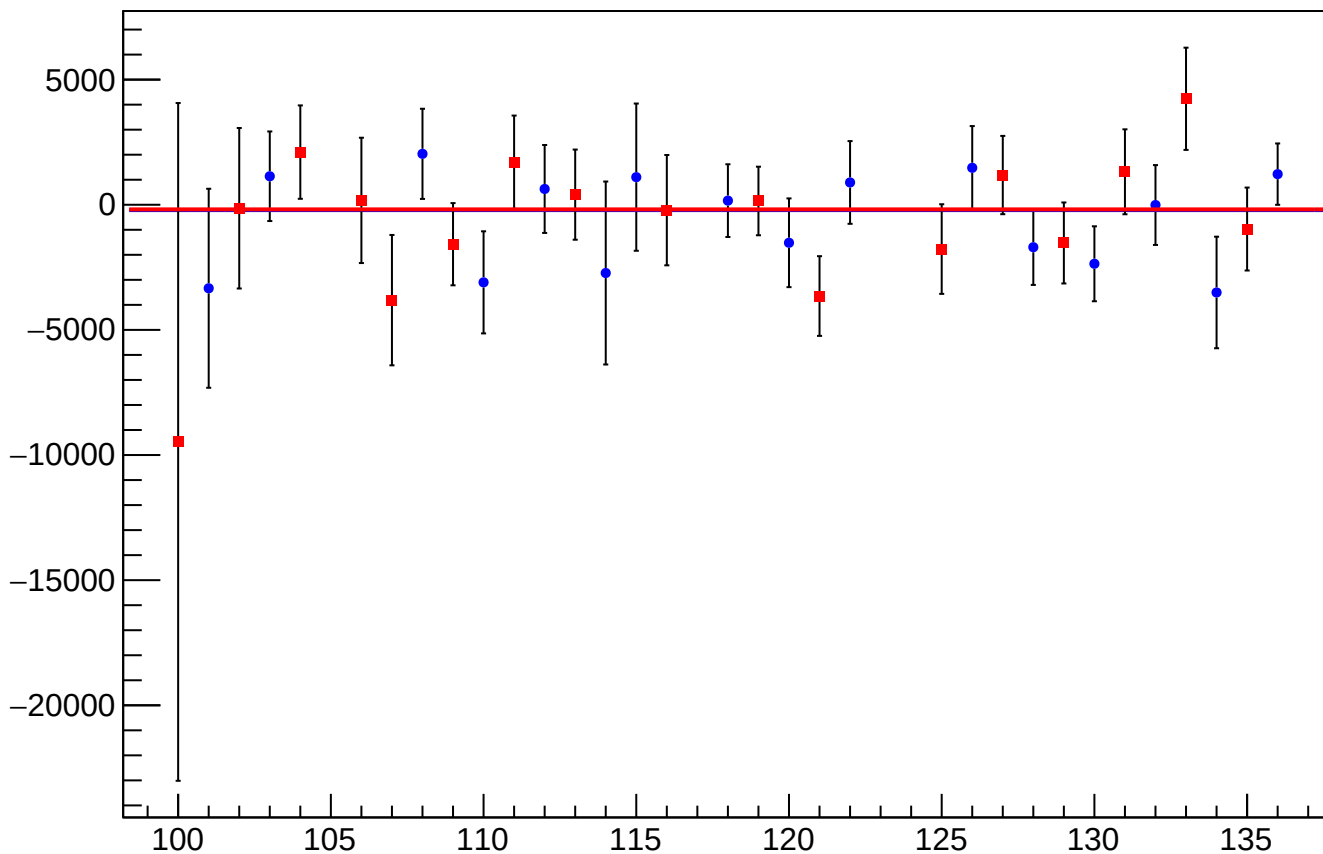
Right: 1451.025+/-0.337 χ^2/NDF : 9426723.4/32

In: 2146.616+/-0.618 χ^2/NDF :1974723.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1451.025+/-0.337 χ^2/NDF : 9426723.4/32

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: -185.096+/-454.061 χ^2/NDF : 18.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

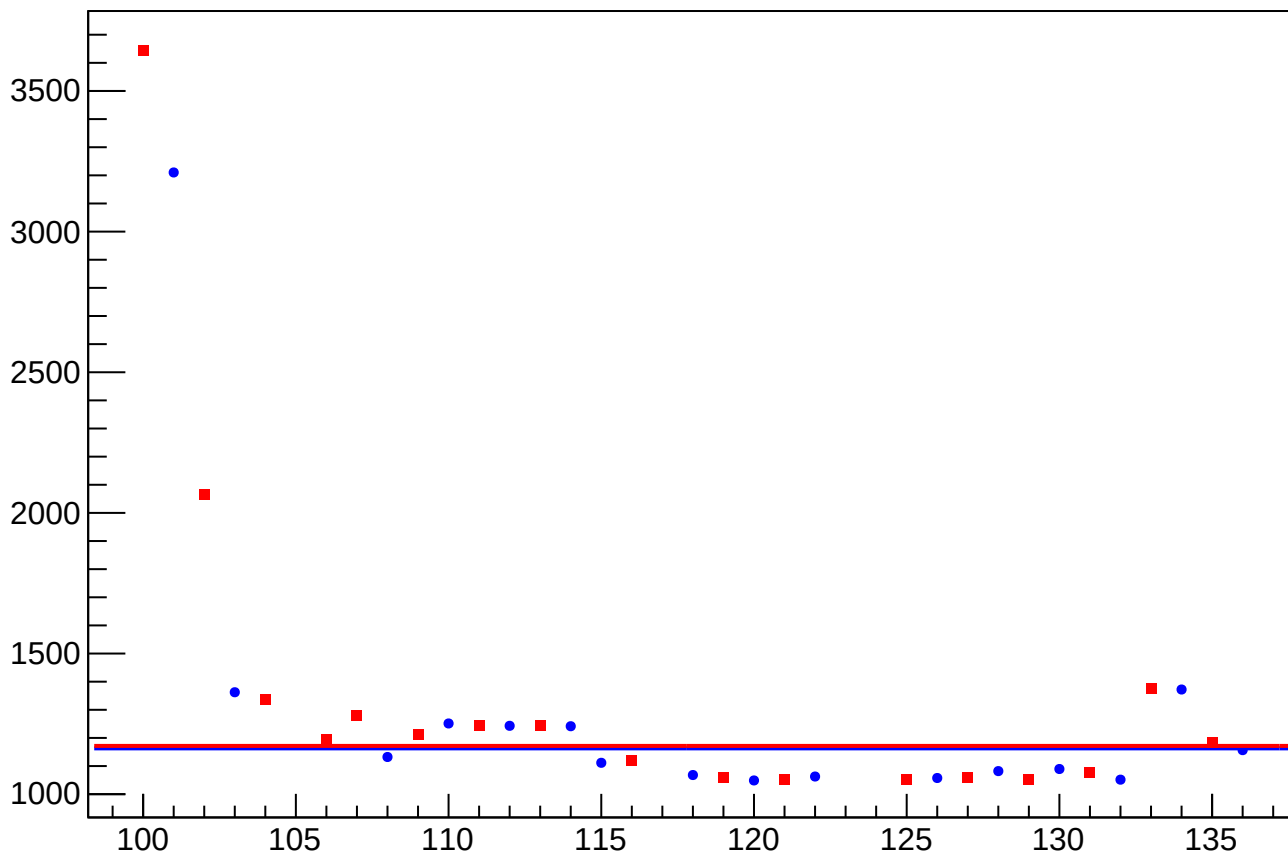
Right: -199.444+/-316.971 χ^2/NDF : 32.8/32

In: -213.082+/-442.684 χ^2/NDF : 14.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.444+/-316.971 χ^2/NDF : 32.8/32

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: 1171.647+/-0.321 χ^2/NDF : 331623.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

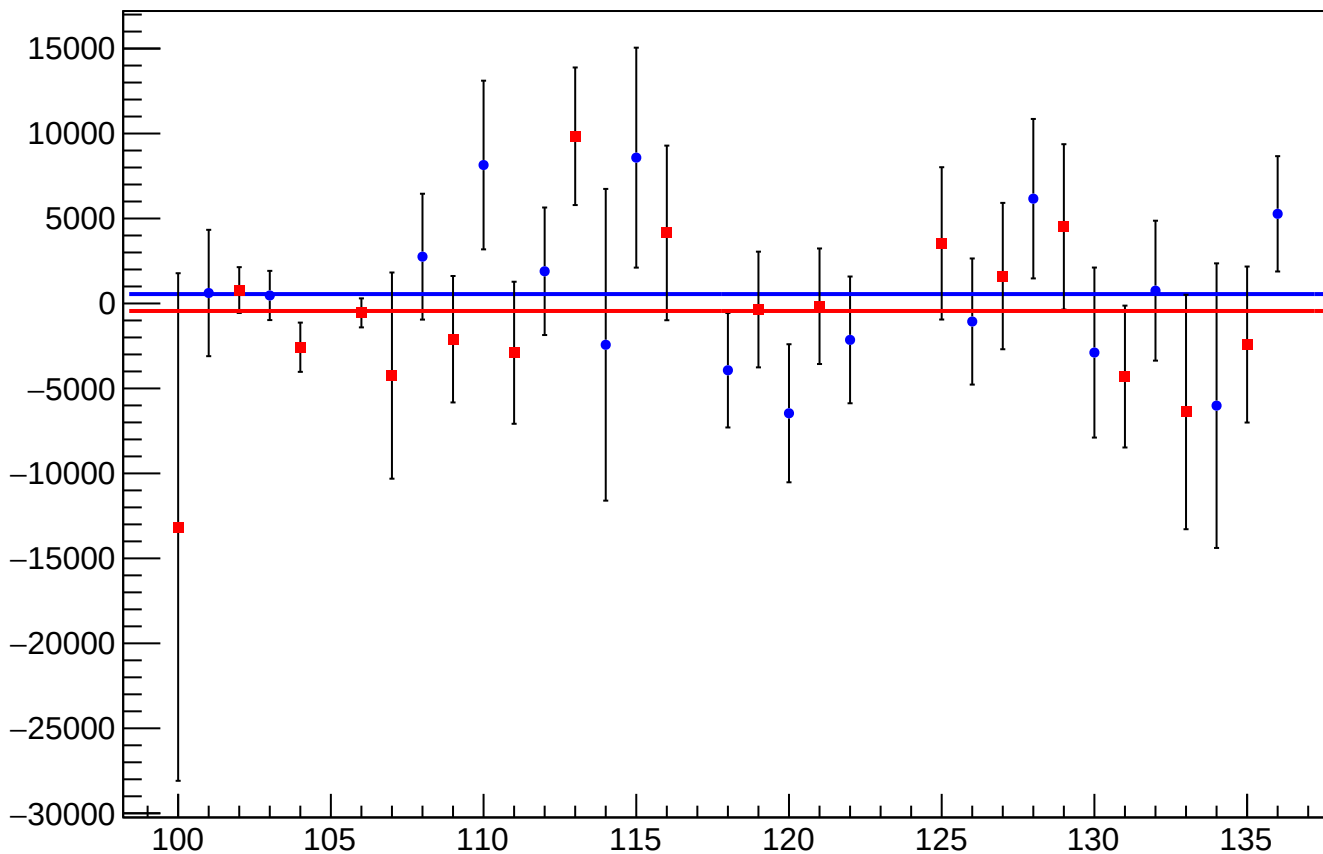
Right: 1167.140+/-0.224 χ^2/NDF : 967362.3/32

In: 1162.851+/-0.313 χ^2/NDF : 635353.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.140+/-0.224 χ^2/NDF : 967362.3/32

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: -442.611+/-567.623 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

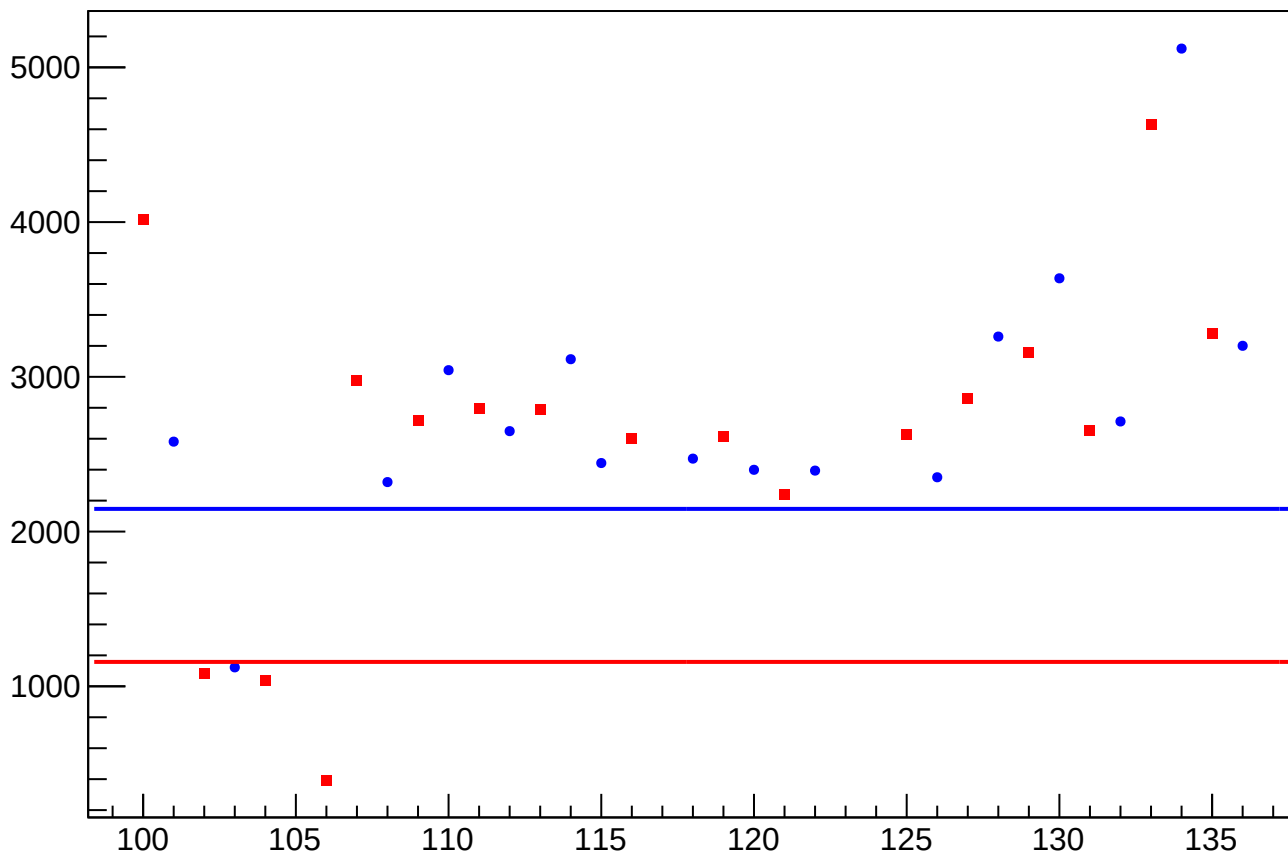
Right: -147.457+/-476.059 χ^2/NDF : 31.1/32

In: 552.510+/-874.126 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -147.457+/-476.059 χ^2/NDF : 31.1/32

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: 1157.686+/-0.401 χ^2/NDF : 5651634.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

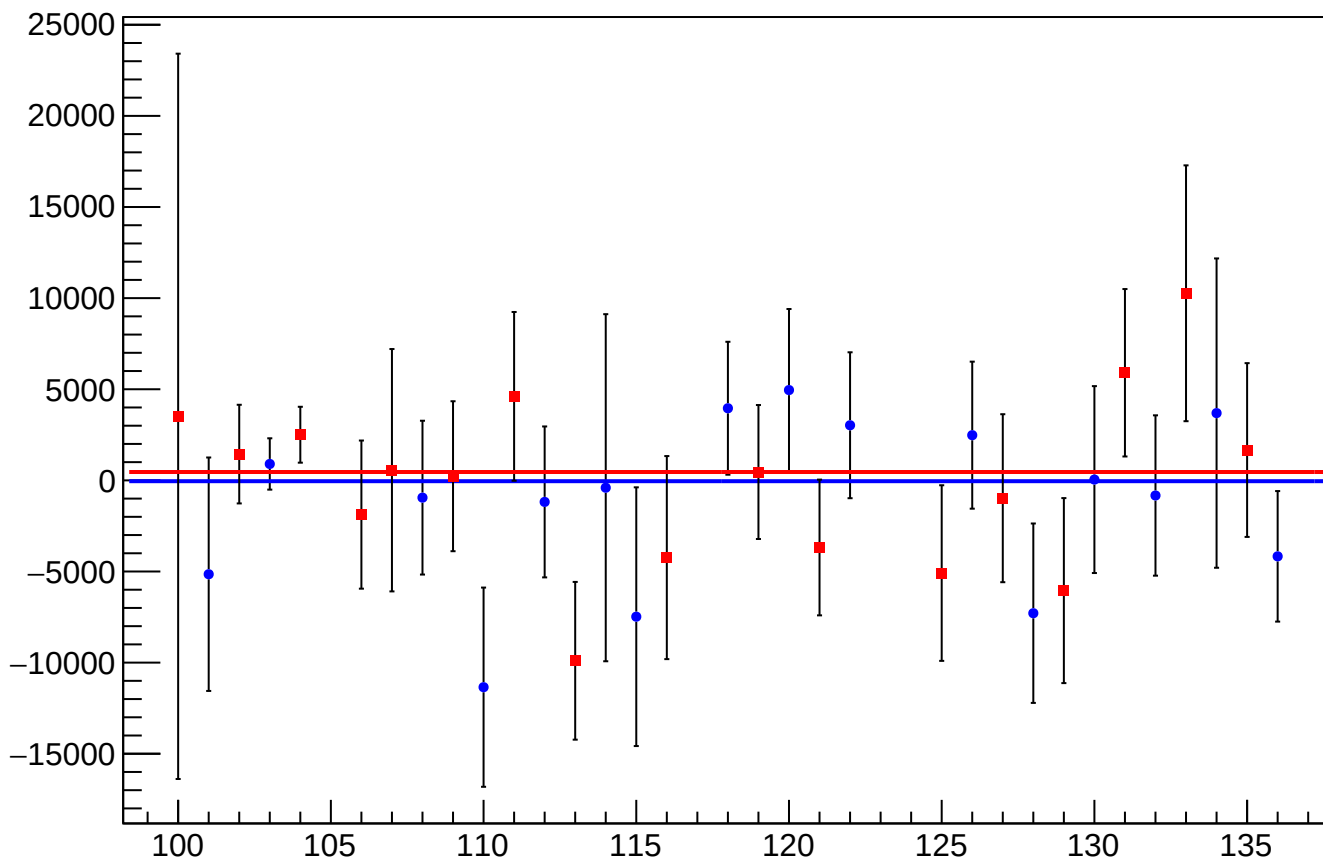
Right: 1451.003+/-0.337 χ^2/NDF : 9426931.0/32

In: 2146.613+/-0.618 χ^2/NDF : 1974719.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.003+/-0.337 χ^2/NDF : 9426931.0/32

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: 459.497 ± 903.319 χ^2/NDF : 17.2/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

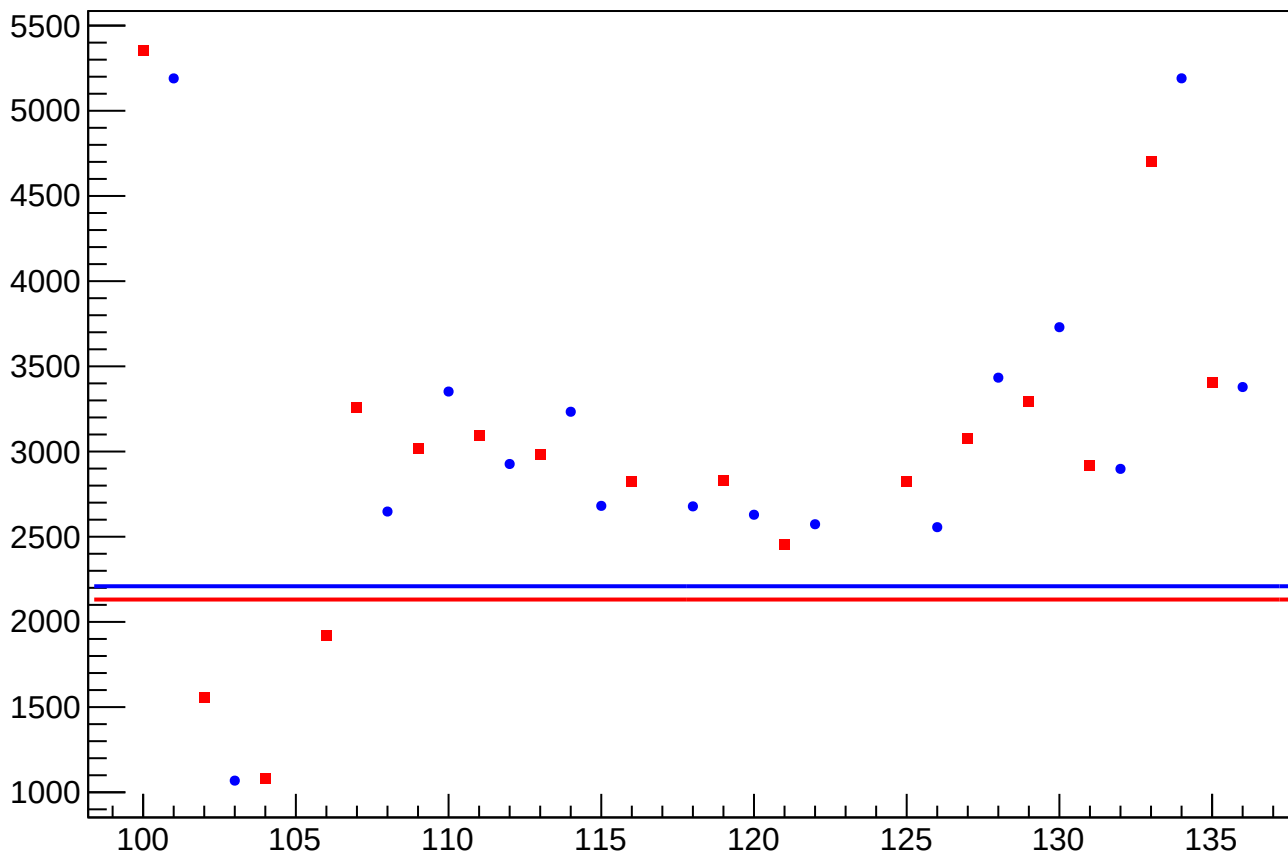
Right: 212.127 ± 644.813 χ^2/NDF : 31.1/32

In: -44.874 ± 920.736 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 212.127 ± 644.813 χ^2/NDF : 31.1/32

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: 2131.362+/-0.637 χ^2/NDF : 2216952.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

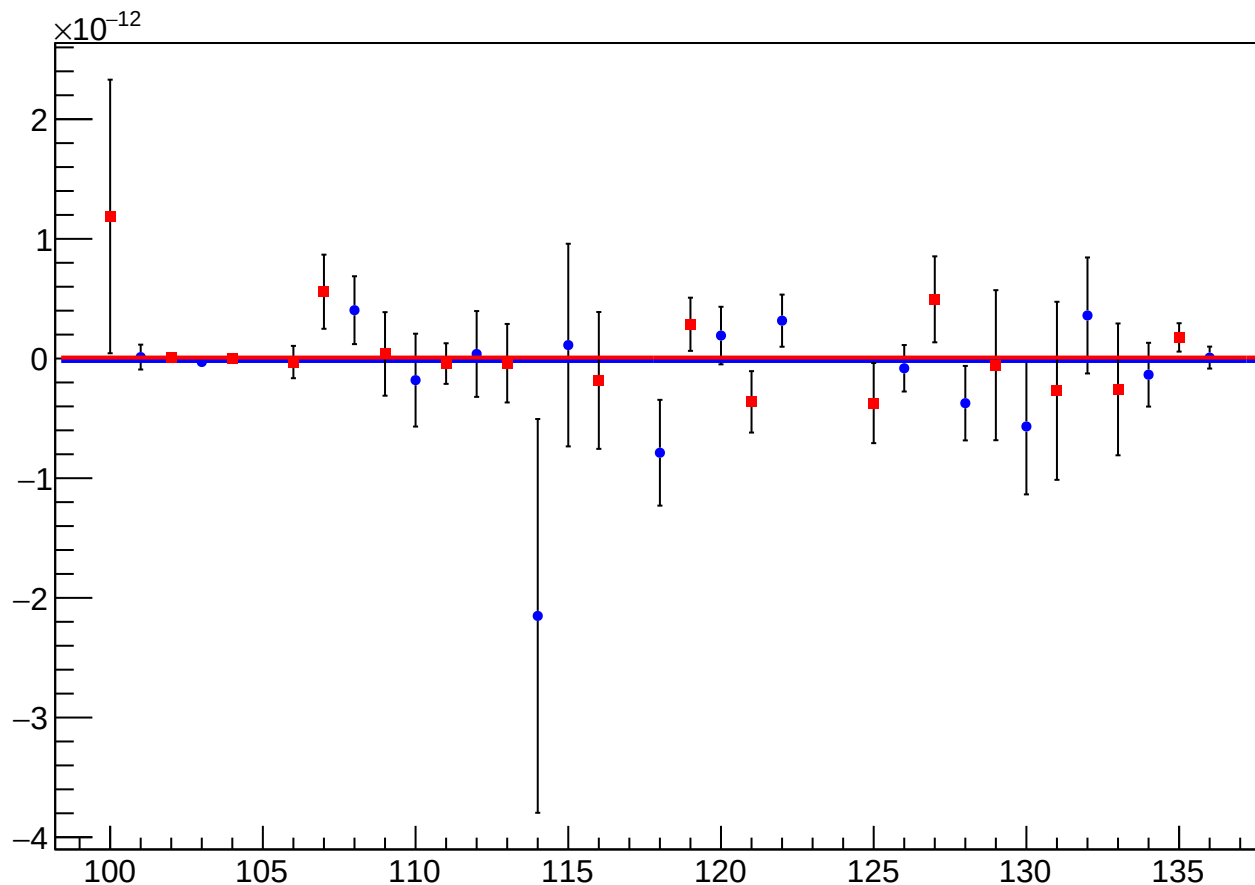
Right: 2169.516+/-0.455 χ^2/NDF : 5061156.8/32

In: 2209.349+/-0.651 χ^2/NDF :2836875.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2169.516+/-0.455 χ^2/NDF : 5061156.8/32

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean 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 : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

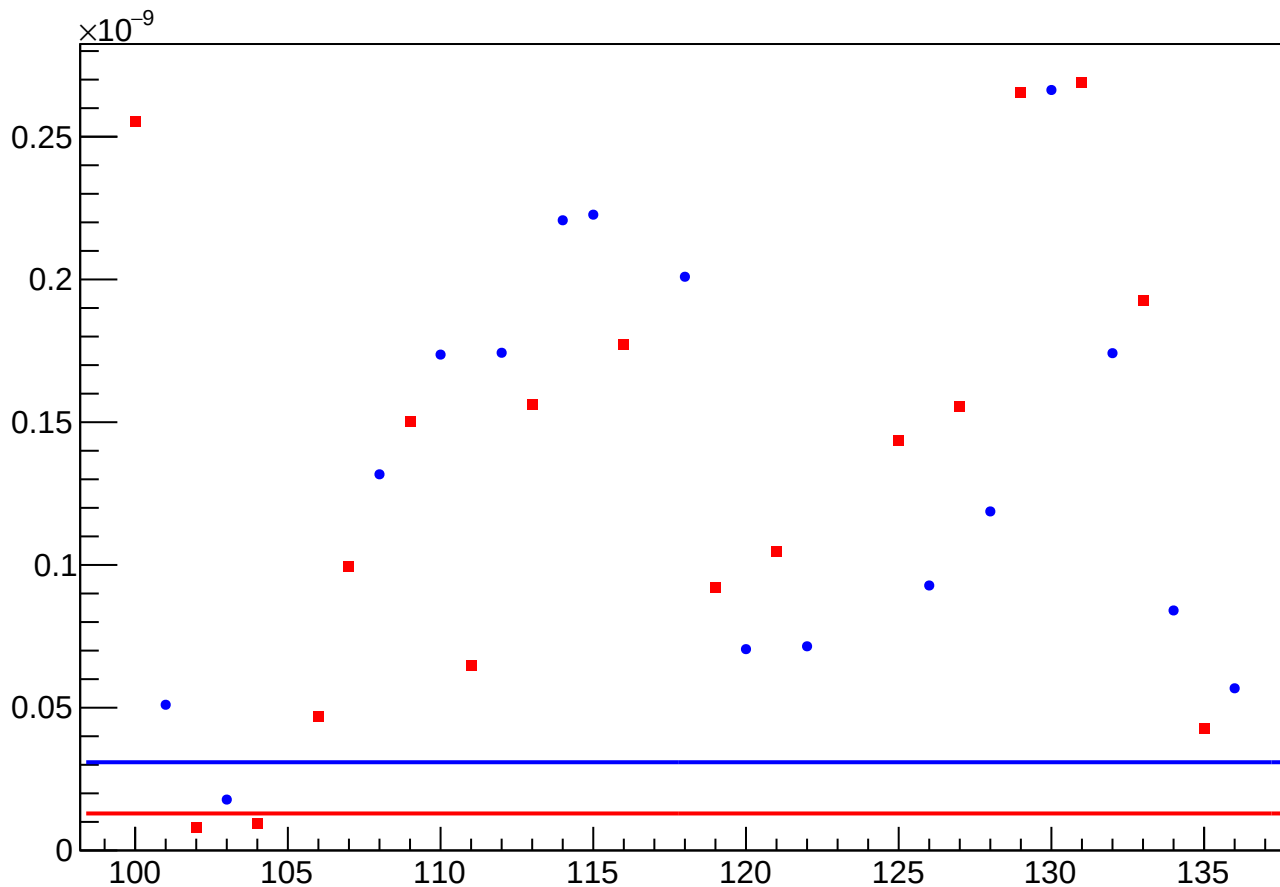
Right: 0.000+/-0.000 χ^2/NDF : 28.4/32

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 : 28.4/32

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 : 3581266.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

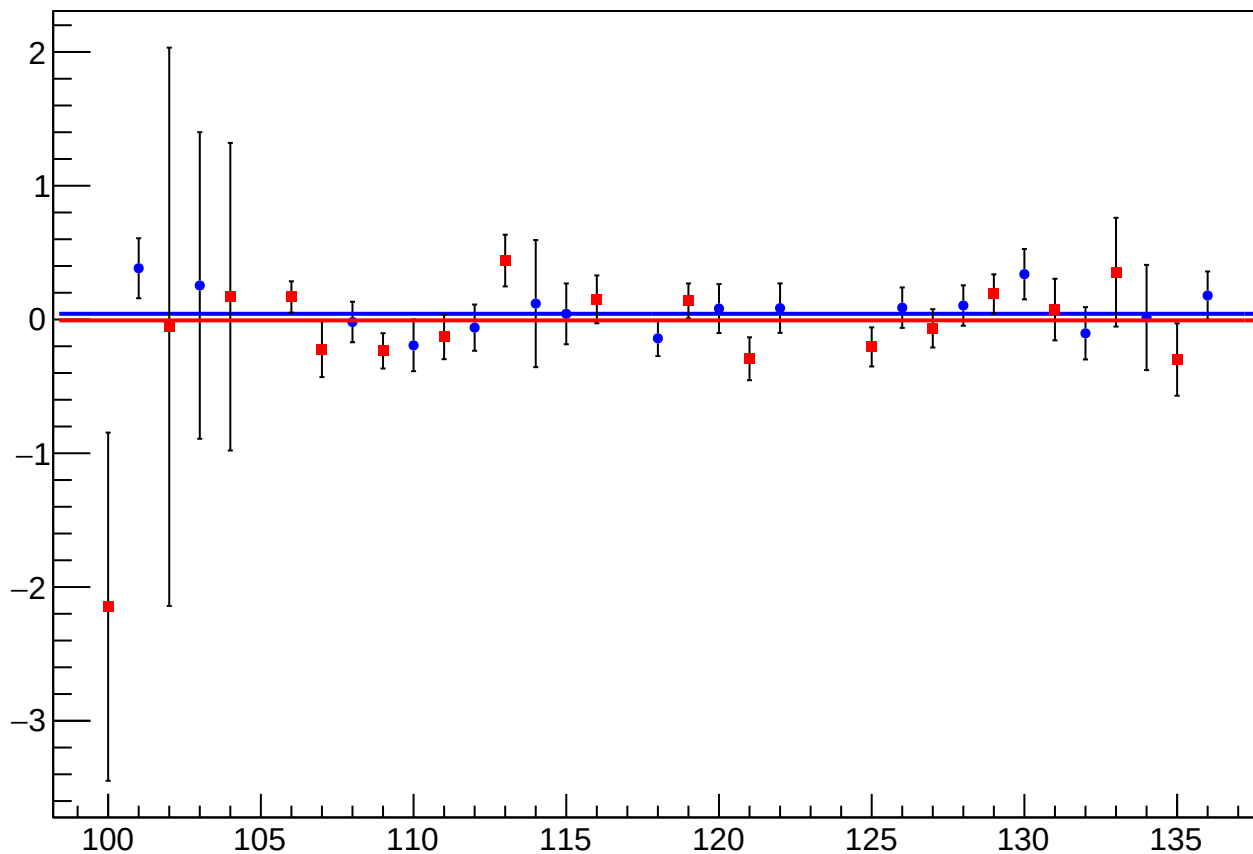
Right: 0.000+/-0.000 χ^2/NDF : 7318361.3/32

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 : 7318361.3/32

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+/-0.044 χ^2/NDF : 26.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

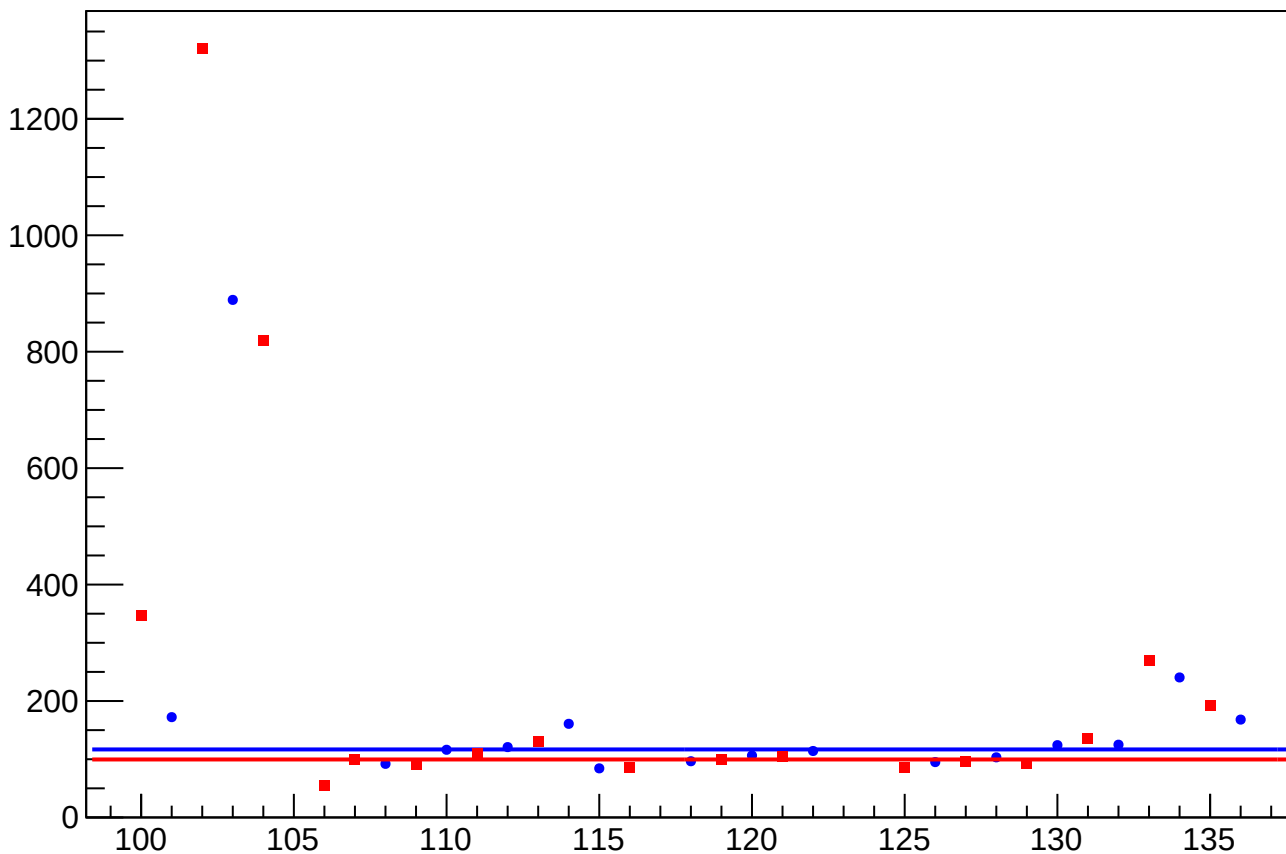
Right: 0.016+/-0.032 χ^2/NDF : 36.9/32

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 : 36.9/32

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: 99.605+/-0.031 χ^2/NDF : 2563933.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

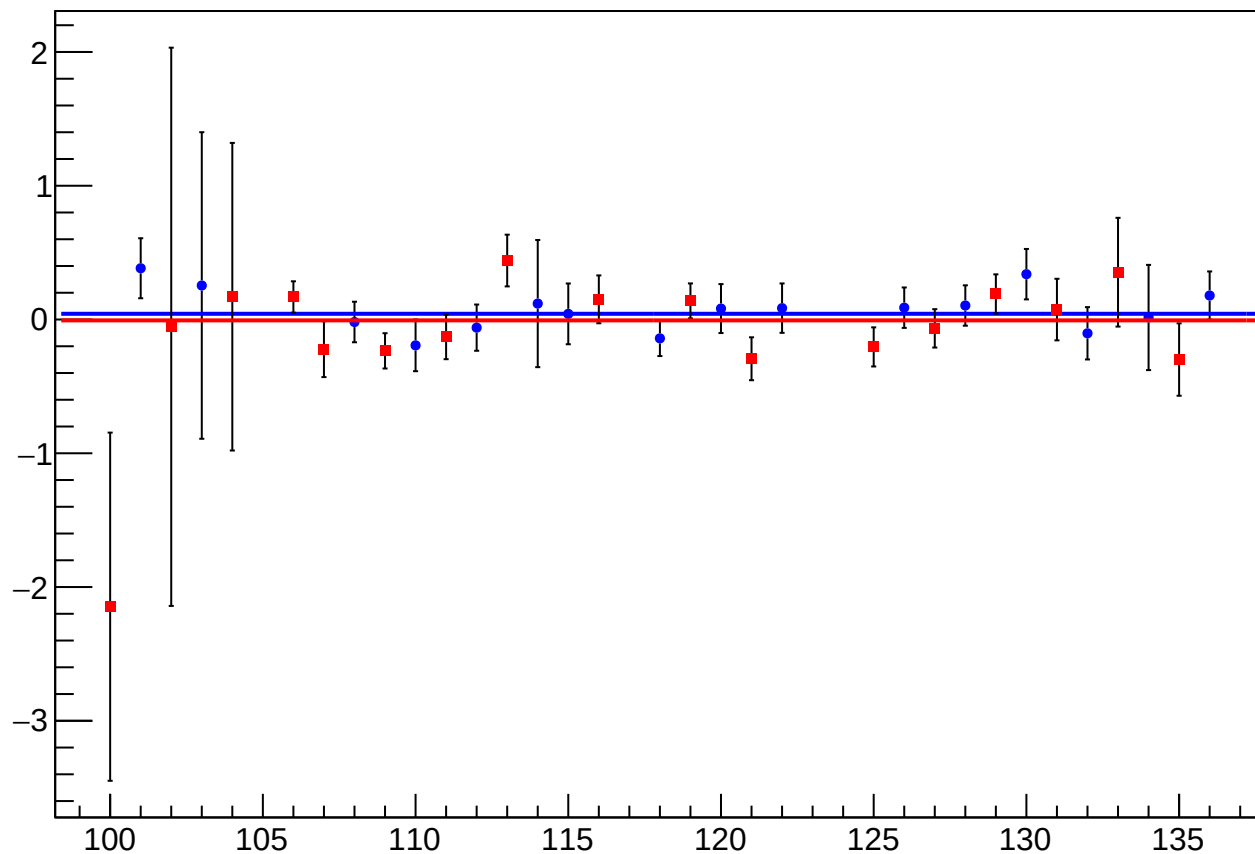
Right: 107.489+/-0.023 χ^2/NDF : 4327837.9/32

In: 116.841+/-0.034 χ^2/NDF : 1620809.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.489+/-0.023 χ^2/NDF : 4327837.9/32

asym_us_avg_atlr_avg_dd_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+/-0.044 χ^2/NDF : 26.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

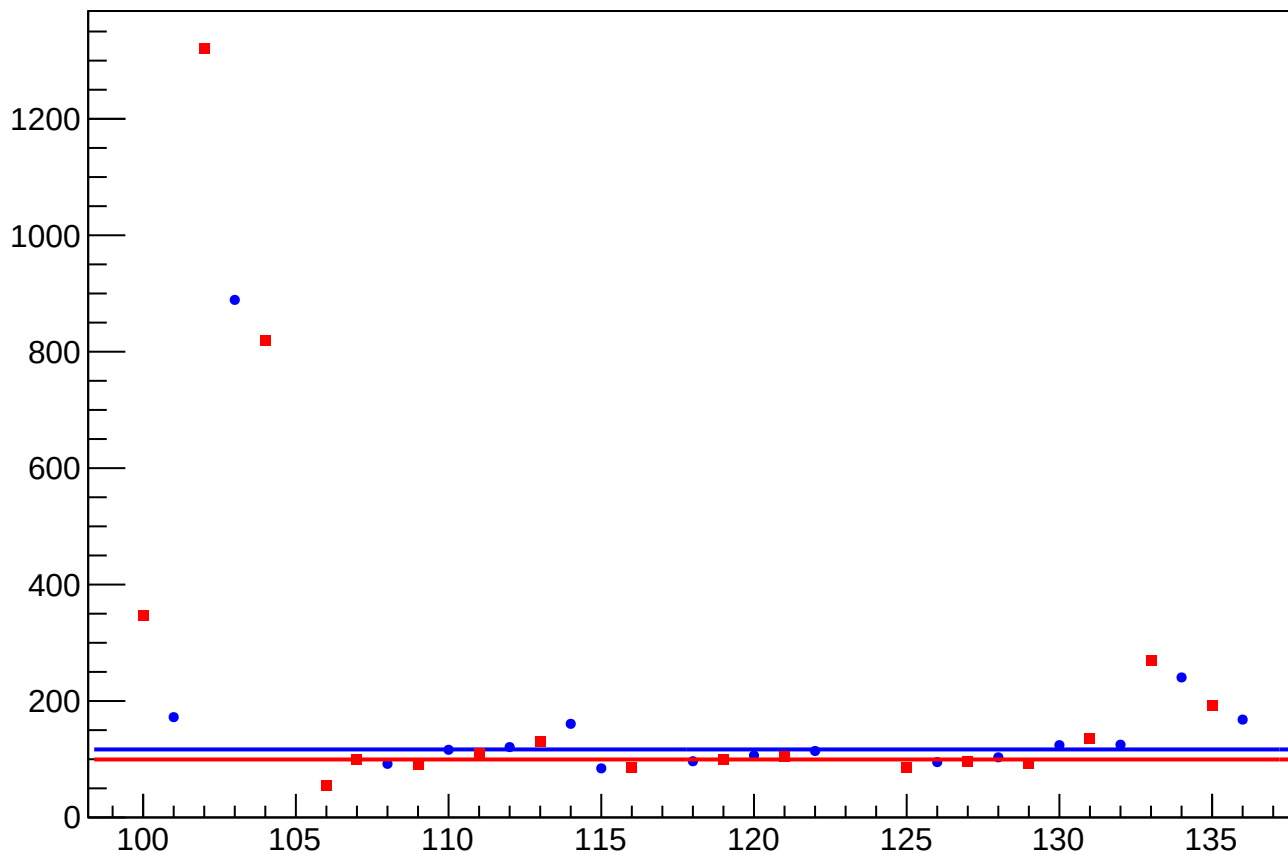
Right: 0.016+/-0.032 χ^2/NDF : 36.9/32

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 : 36.9/32

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841 $\pm$ 0.034 χ^2 /NDF: 1620809.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.605 $\pm$ 0.031 χ^2 /NDF: 2563933.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

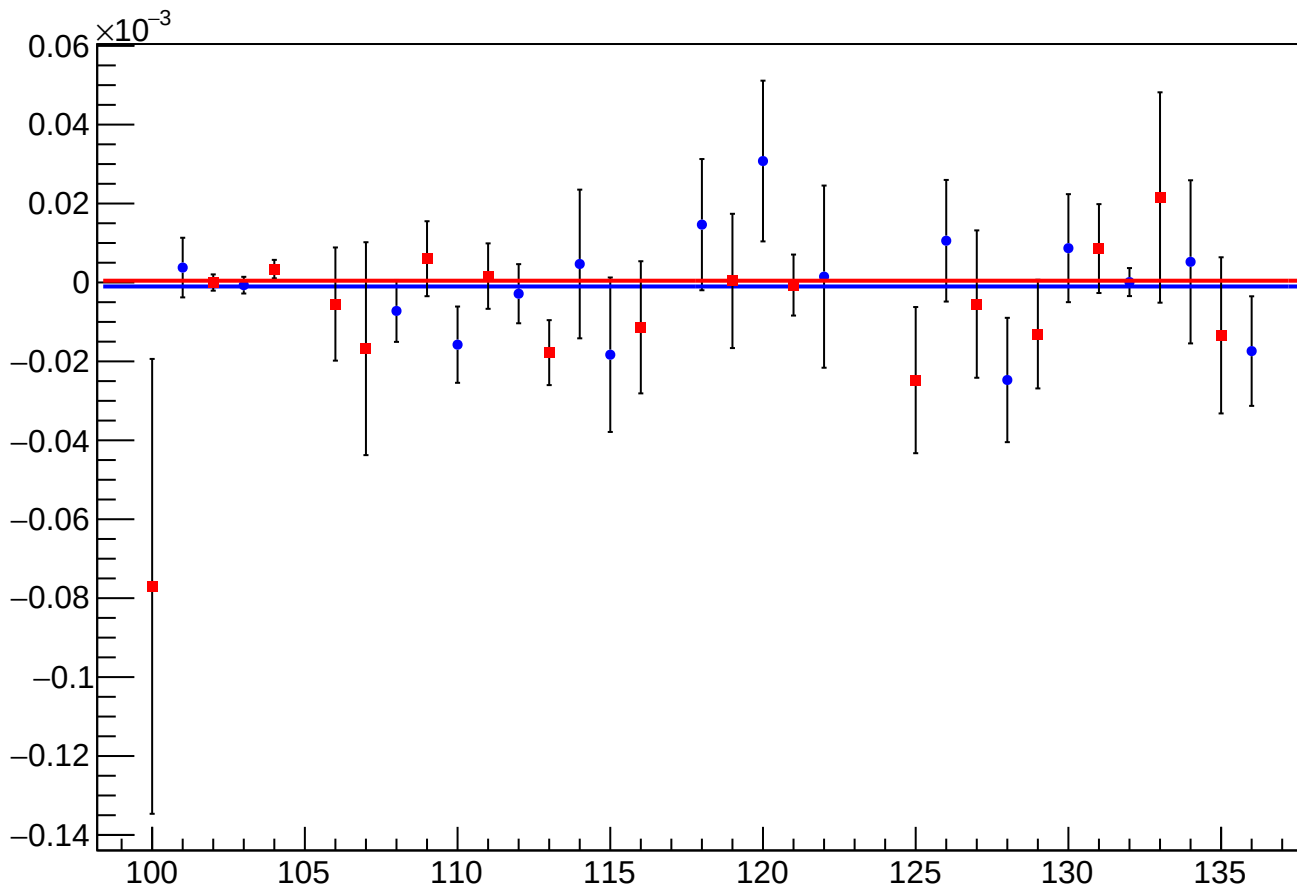
Right: 107.489 $\pm$ 0.023 χ^2 /NDF: 4327837.9/32

In: 116.841 $\pm$ 0.034 χ^2 /NDF:1620809.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 107.489 $\pm$ 0.023 χ^2 /NDF: 4327837.9/32

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 : 14.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

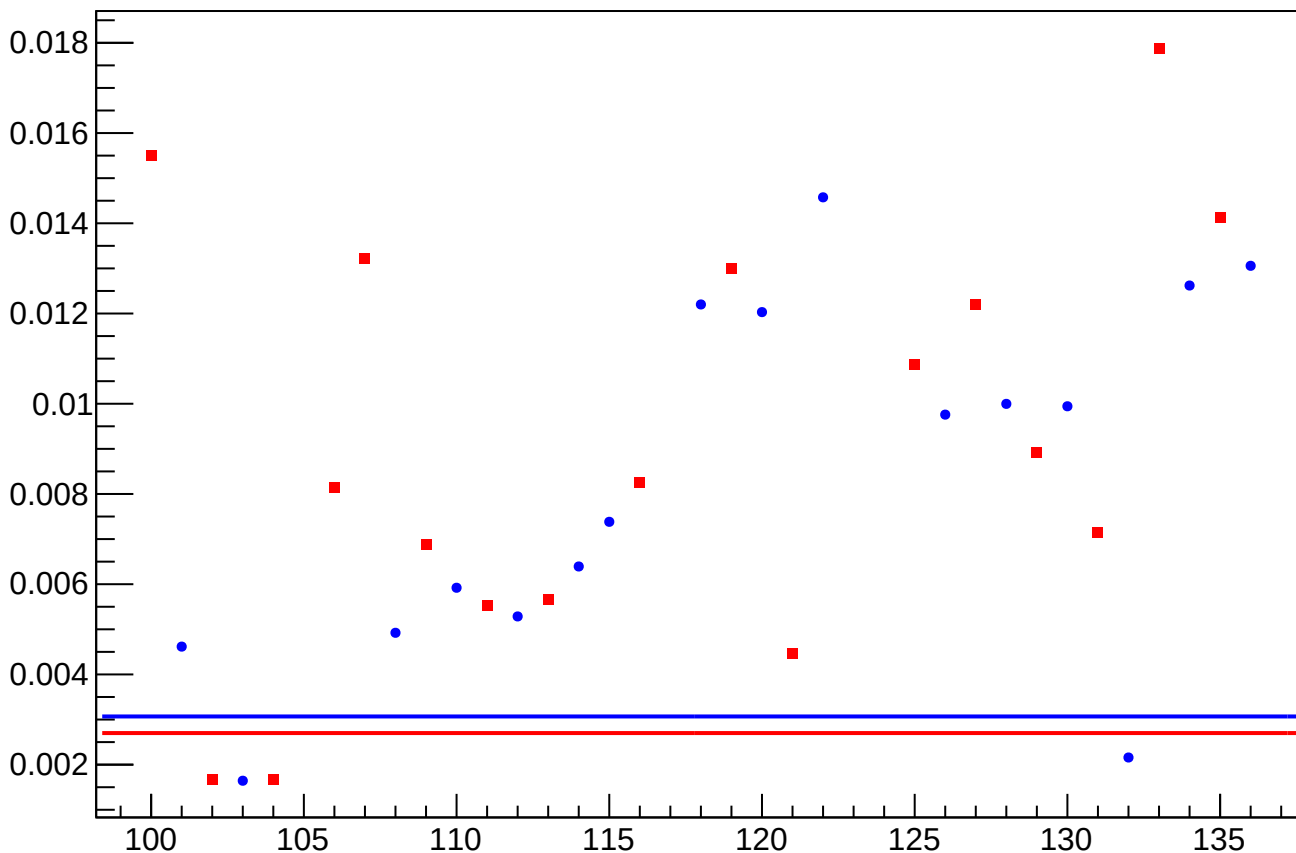
Right: -0.000+/-0.000 χ^2/NDF : 27.4/32

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 : 27.4/32

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 : 6459749.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

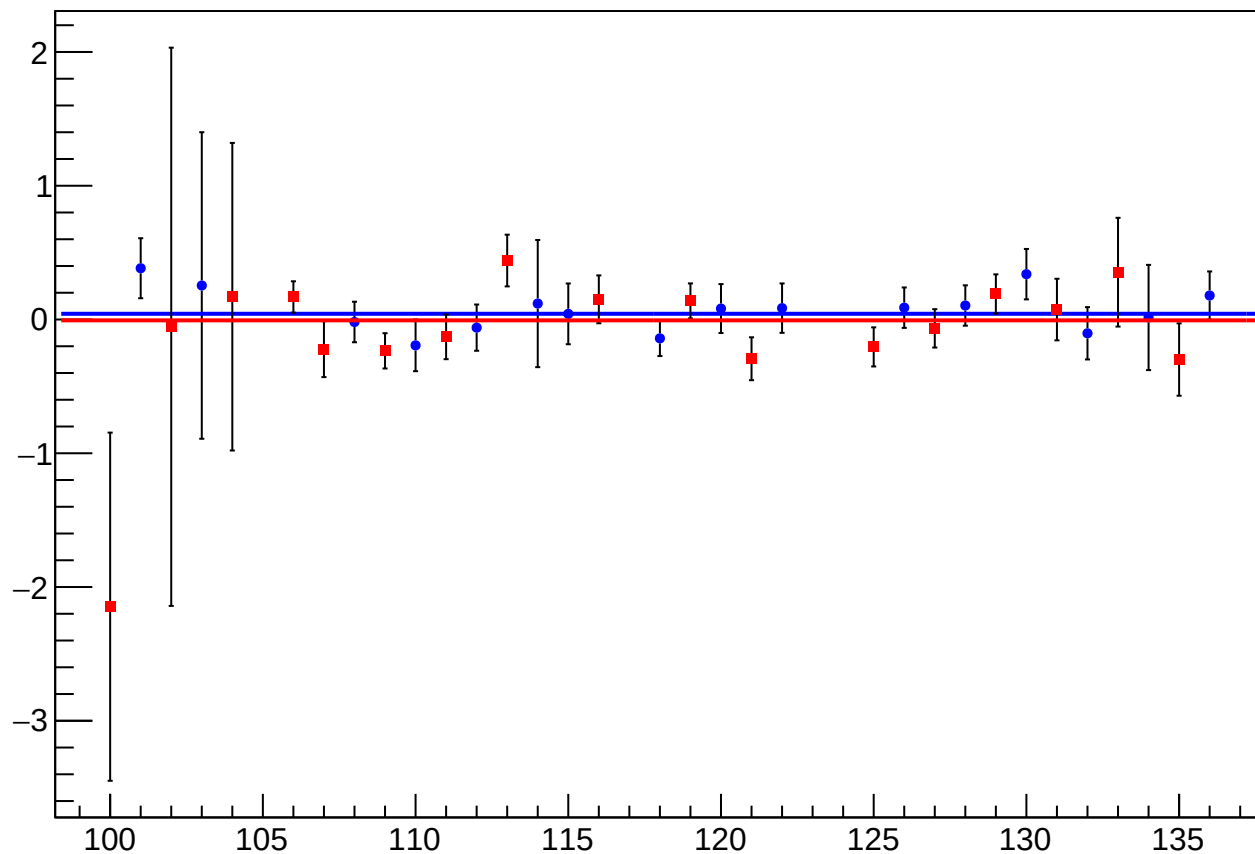
Right: 0.003+/-0.000 χ^2/NDF : 12484865.3/32

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 : 12484865.3/32

asym_us_avg_atlr_avg_dd_eigen_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+/-0.044 χ^2/NDF : 26.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

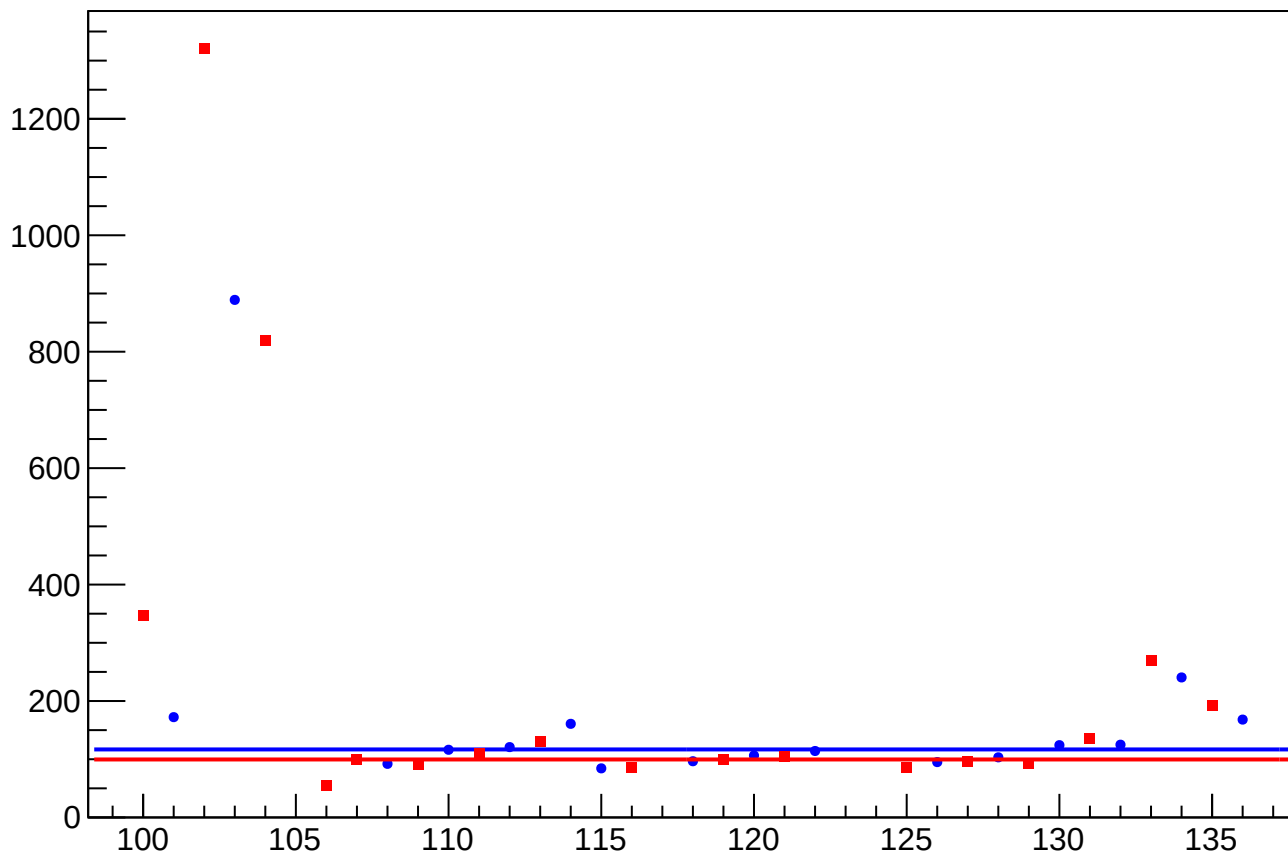
Right: 0.016+/-0.032 χ^2/NDF : 36.9/32

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 : 36.9/32

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 116.841+/-0.034 χ^2/NDF : 1620812.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.604+/-0.031 χ^2/NDF : 2564006.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

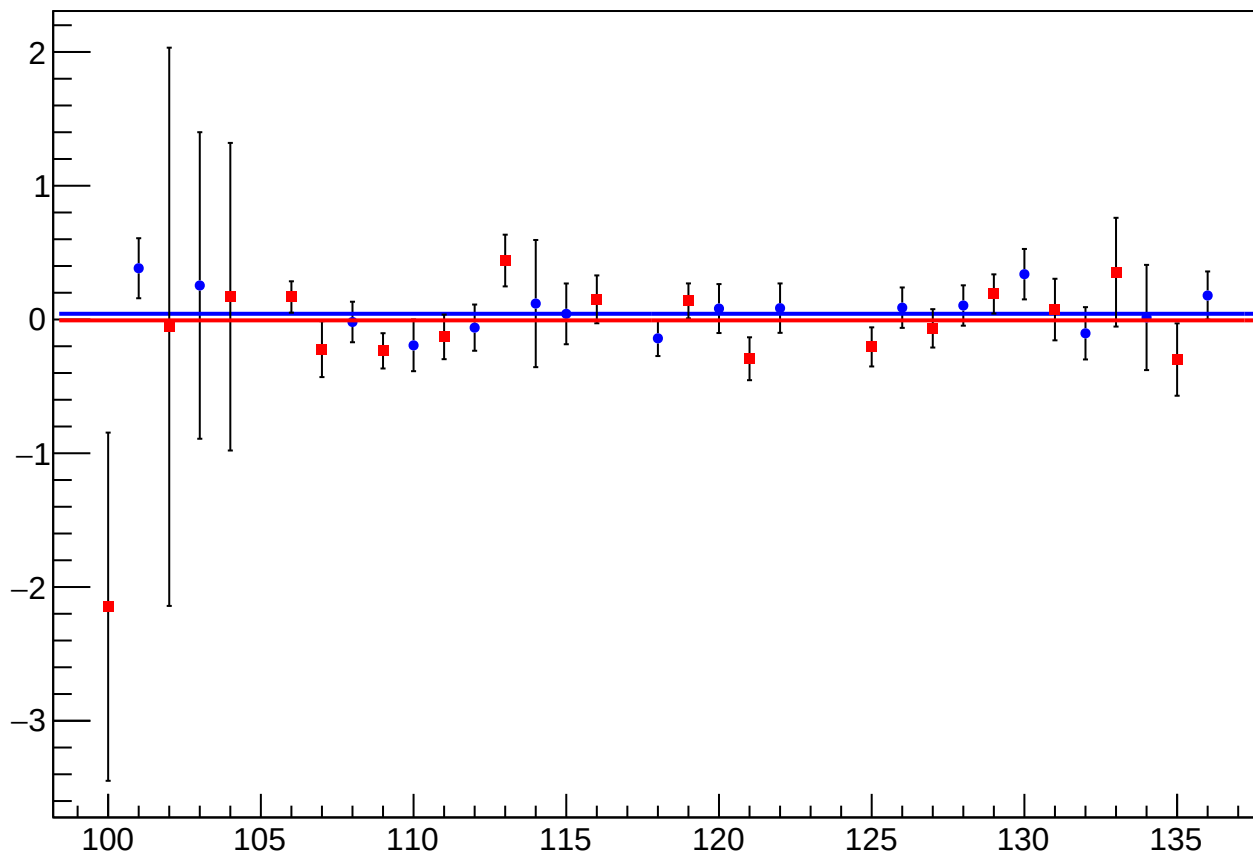
Right: 107.489+/-0.023 χ^2/NDF : 4327929.4/32

In: 116.841+/-0.034 χ^2/NDF : 1620812.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.489+/-0.023 χ^2/NDF : 4327929.4/32

asym_us_avg_atlr_avg_dd_eigen_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 $\pm$ 0.044 χ^2 /NDF: 26.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

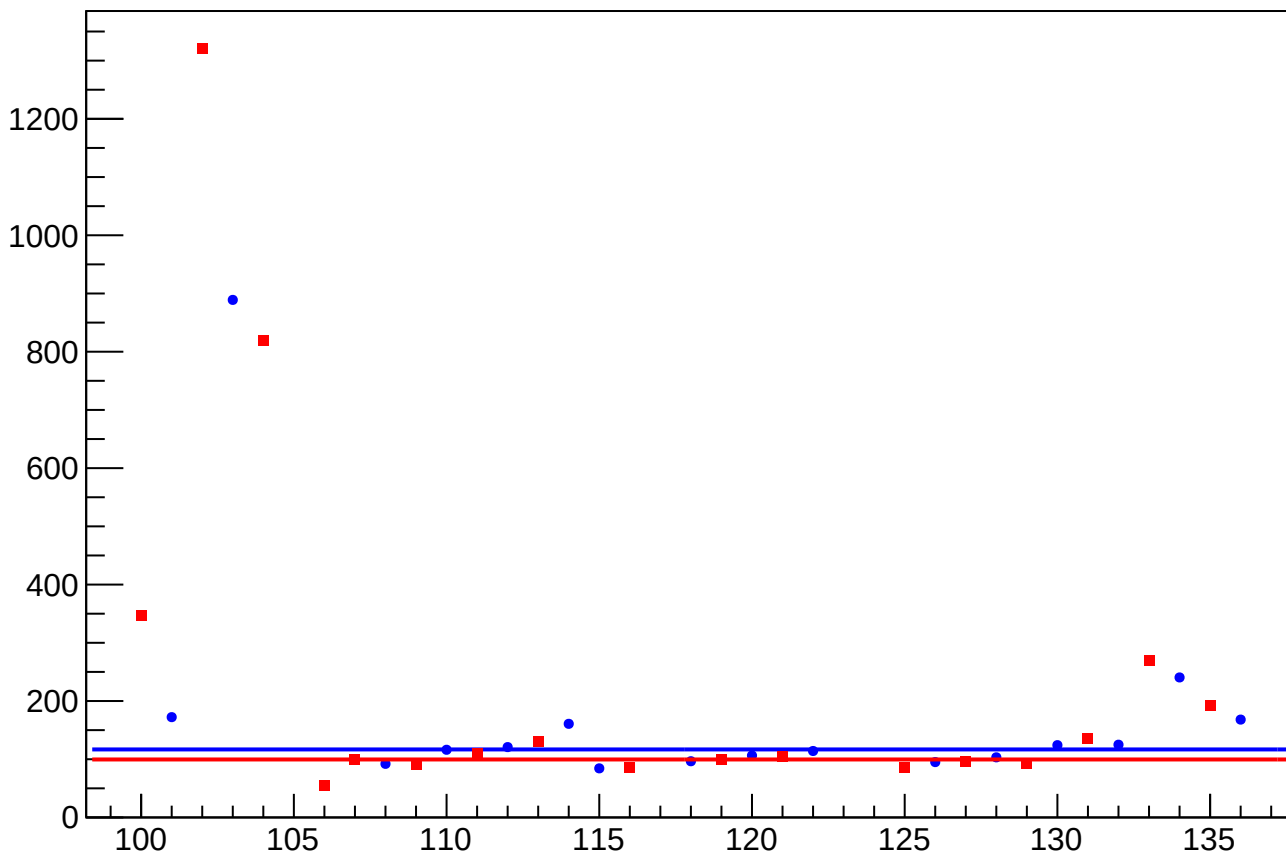
Right: 0.016 $\pm$ 0.032 χ^2 /NDF: 36.9/32

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: 36.9/32

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: 99.604 $\pm$ 0.031 χ^2 /NDF: 2564006.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

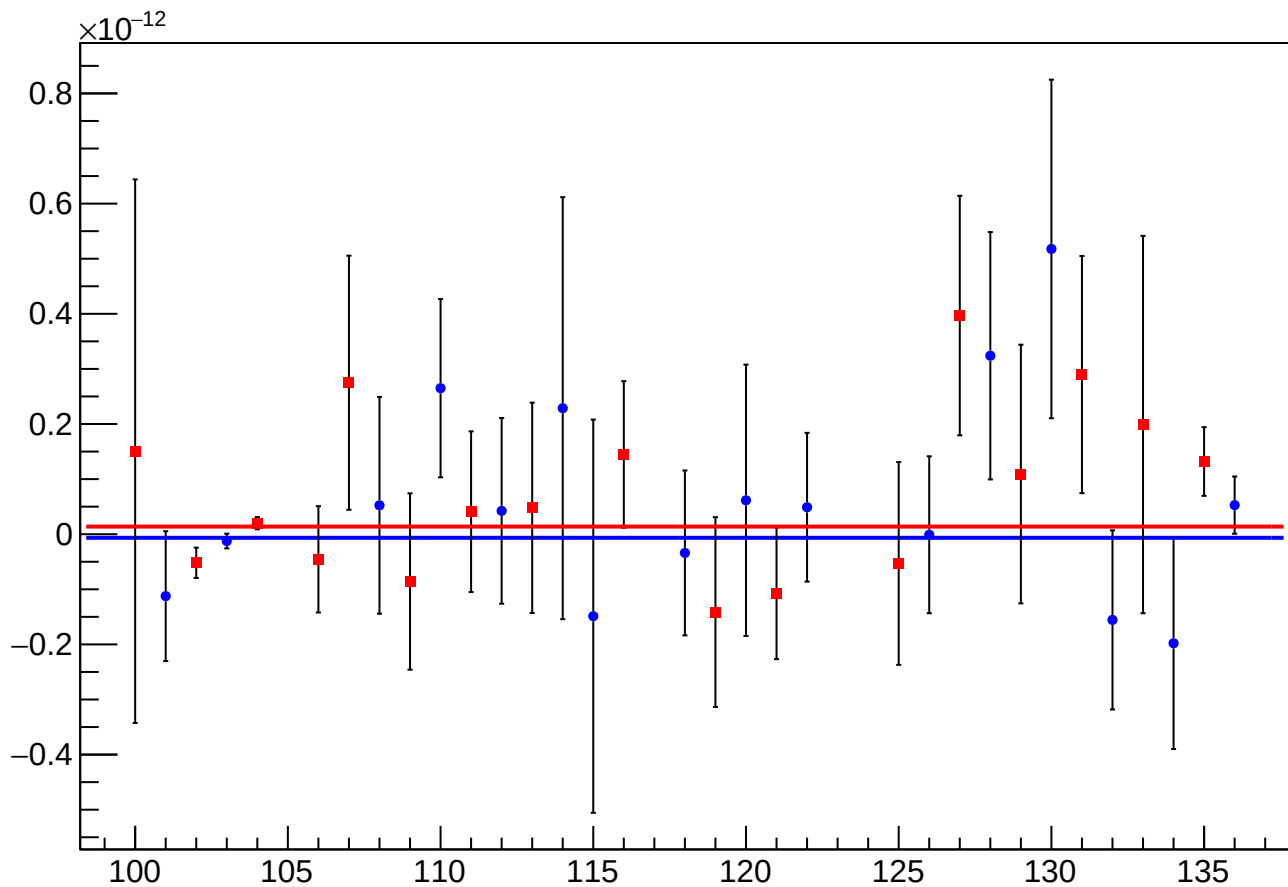
Right: 107.489 $\pm$ 0.023 χ^2 /NDF: 4327929.4/32

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: 107.489 $\pm$ 0.023 χ^2 /NDF: 4327929.4/32

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 : 19.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

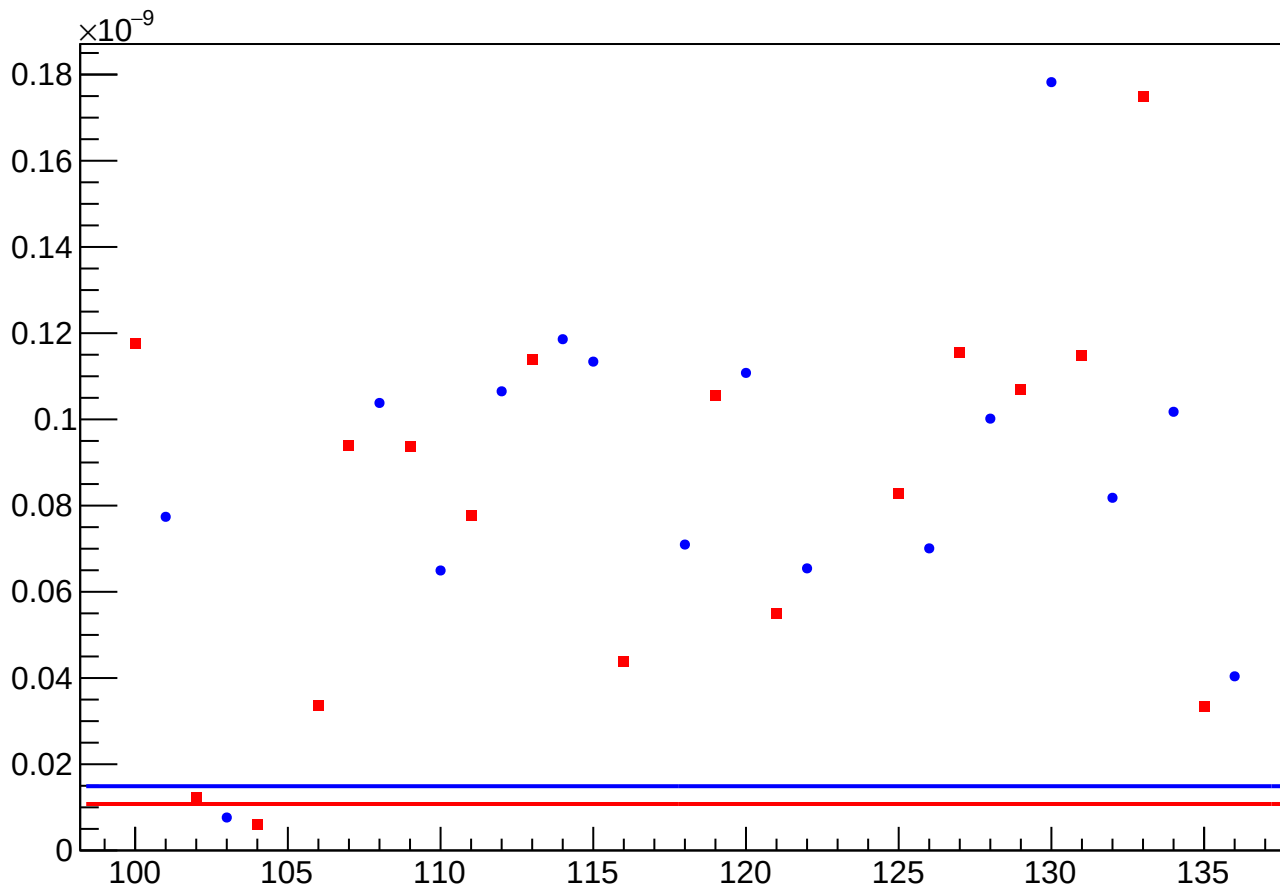
Right: 0.000+/-0.000 χ^2/NDF : 34.6/32

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 : 34.6/32

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 : 5693272.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

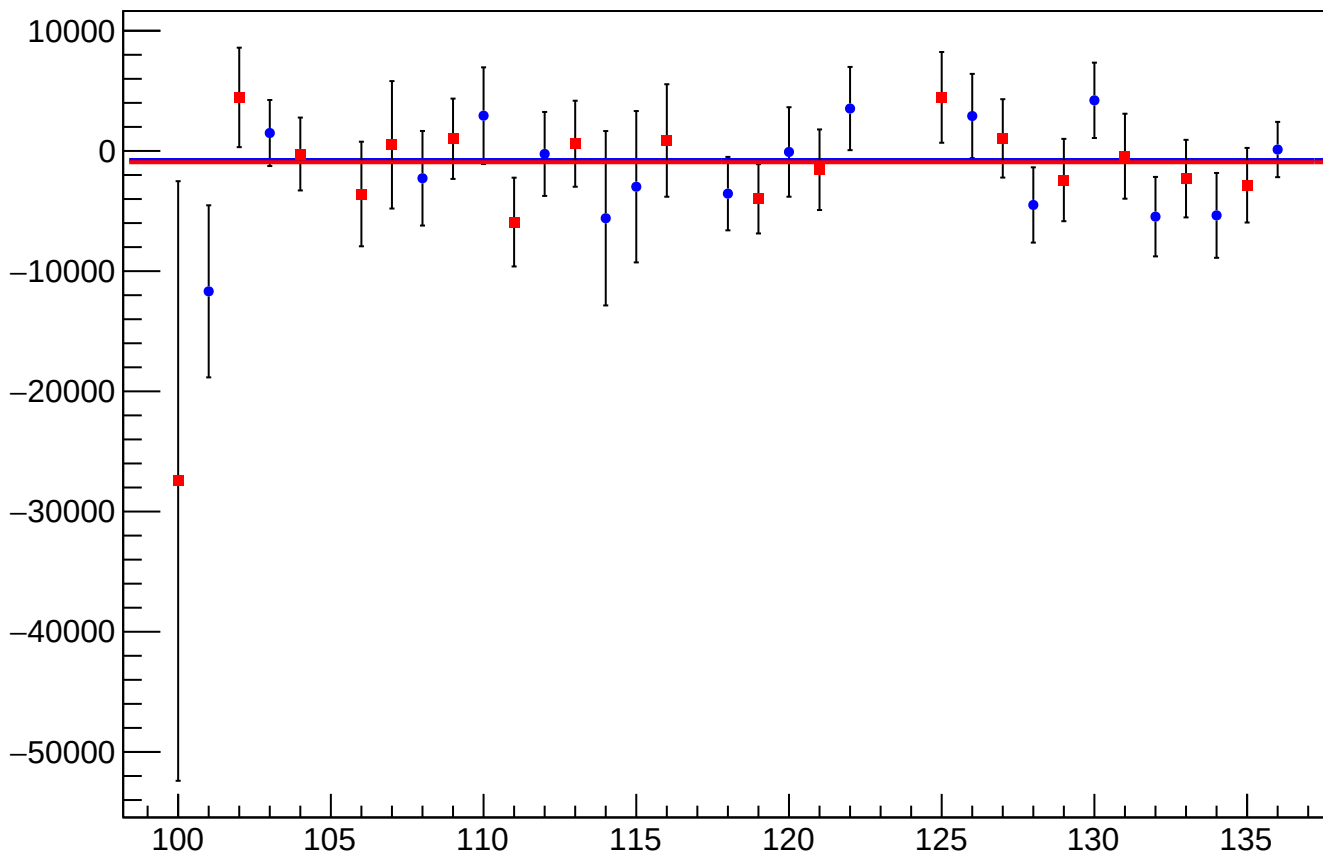
Right: 0.000+/-0.000 χ^2/NDF : 11720584.7/32

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 : 11720584.7/32

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: -938.757+/-883.044 χ^2/NDF : 10.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

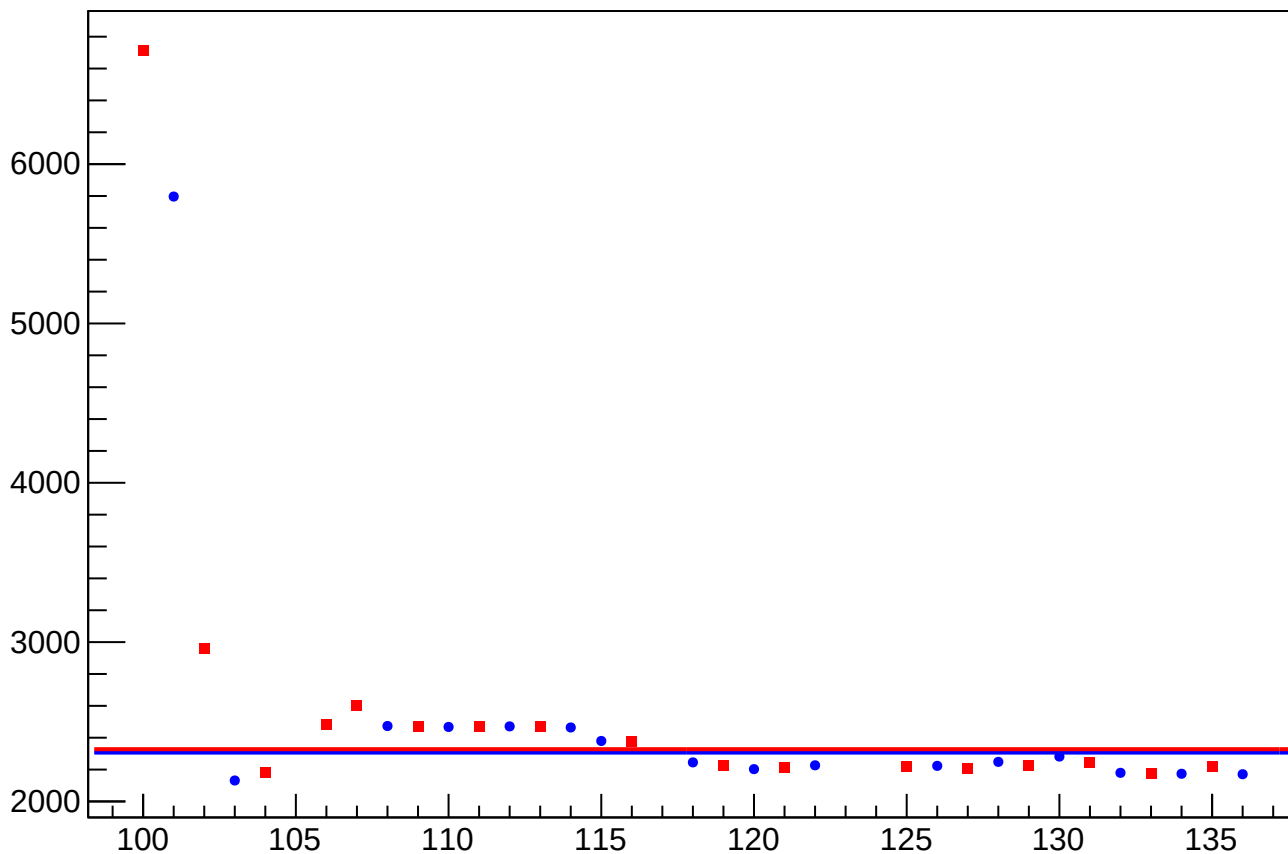
Right: -845.432+/-620.700 χ^2/NDF : 26.0/32

In: -754.291+/-872.652 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -845.432+/-620.700 χ^2/NDF : 26.0/32

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: 2327.988+/-0.624 χ^2/NDF : 149821.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

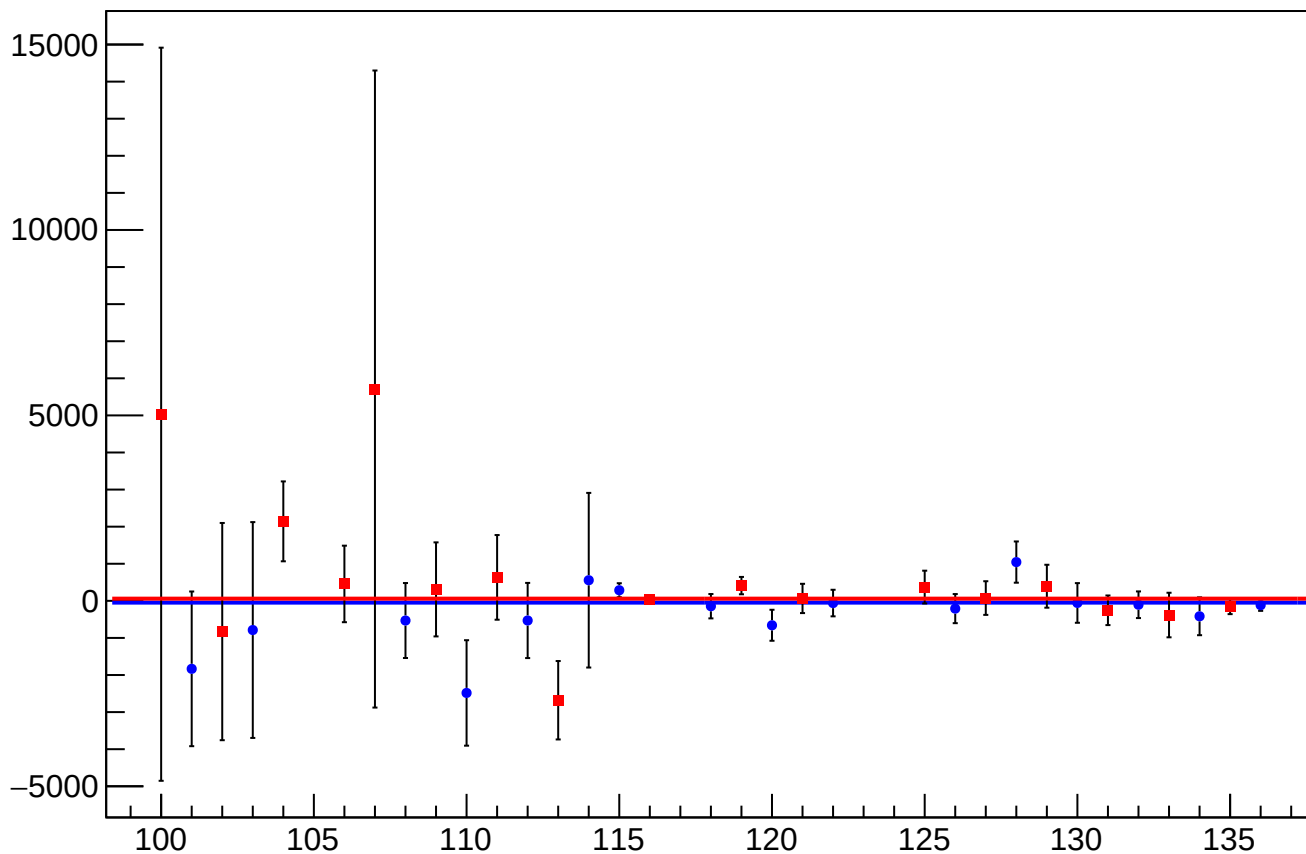
Right: 2317.190+/-0.439 χ^2/NDF : 664563.2/32

In: 2306.643+/-0.617 χ^2/NDF : 514150.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2317.190+/-0.439 χ^2/NDF : 664563.2/32

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: 59.085+/-84.848 χ^2/NDF : 17.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

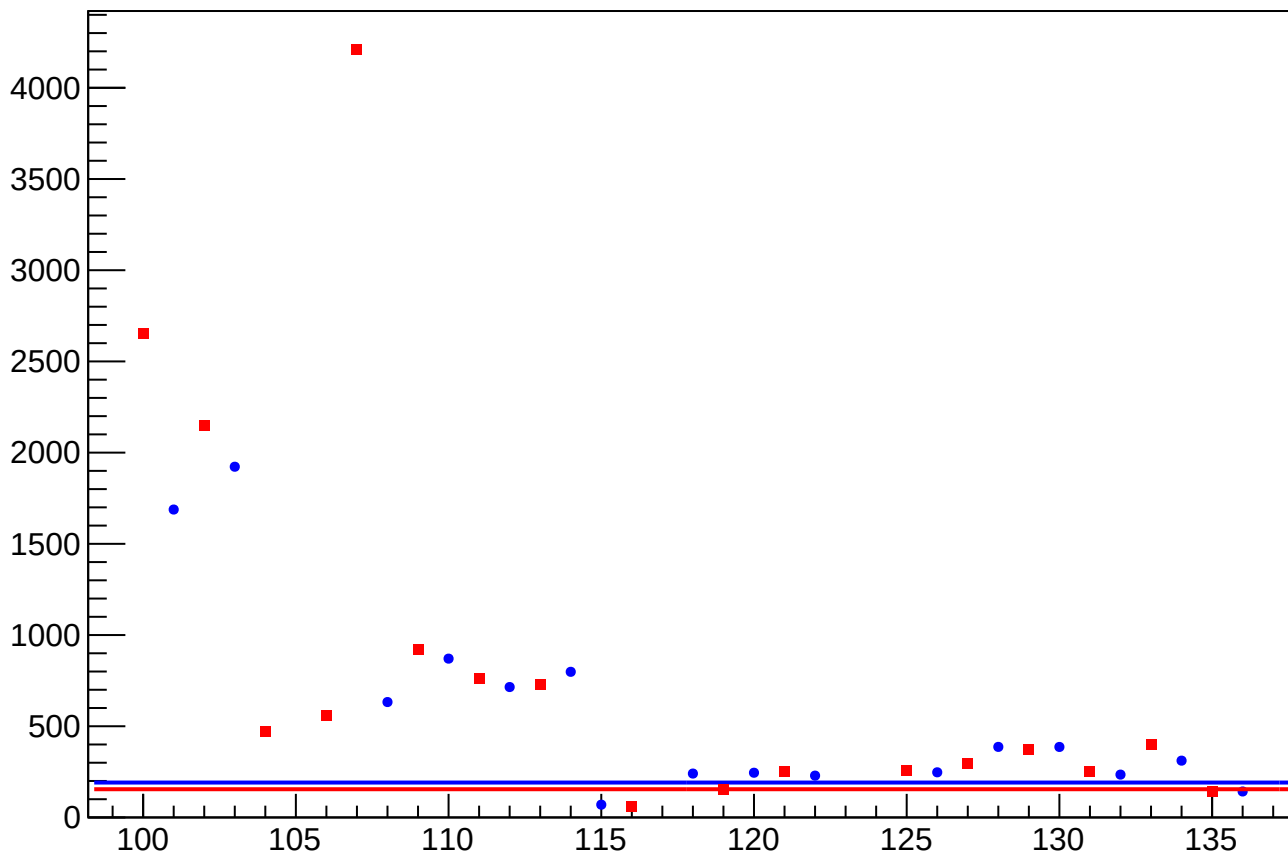
Right: 9.268+/-62.030 χ^2/NDF : 32.2/32

In: -47.927+/-90.914 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.268+/-62.030 χ^2/NDF : 32.2/32

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: 154.746+/-0.060 χ^2/NDF : 6154262.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

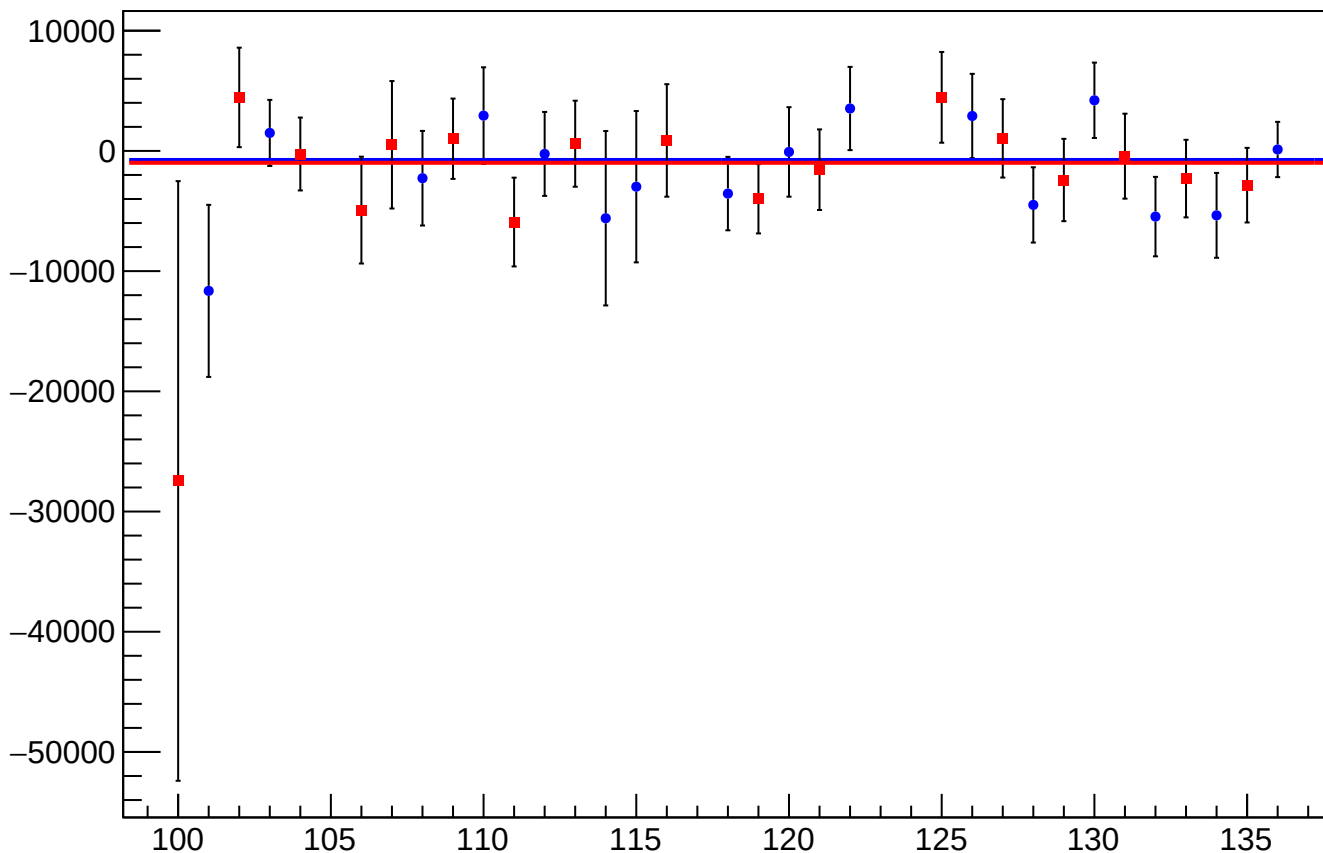
Right: 171.801+/-0.044 χ^2/NDF : 11392576.7/32

In: 191.381+/-0.064 χ^2/NDF :5064747.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 171.801+/-0.044 χ^2/NDF : 11392576.7/32

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: -987.912+/-883.799 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

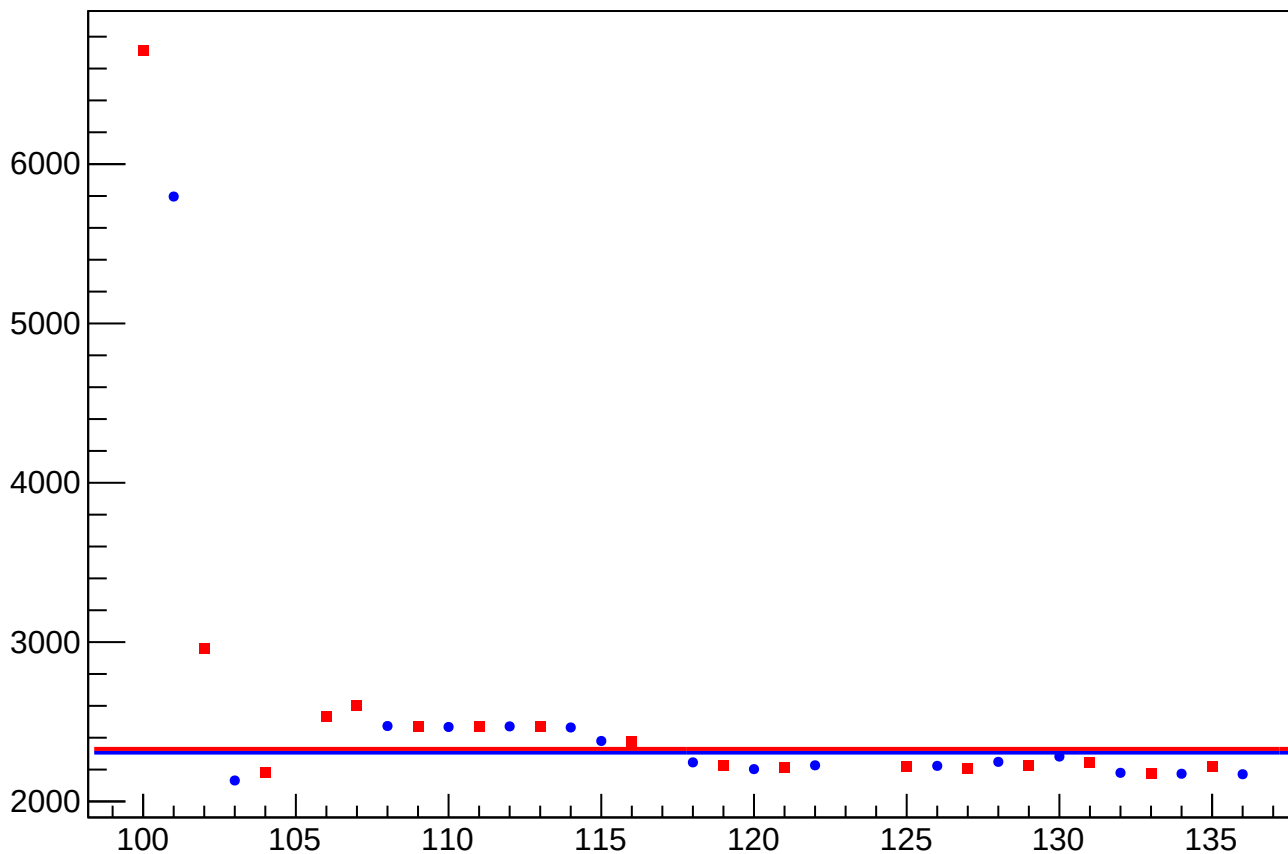
Right: -869.128+/-620.962 χ^2/NDF : 26.5/32

In: -753.322+/-872.653 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -869.128+/-620.962 χ^2/NDF : 26.5/32

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: 2329.727+/-0.625 χ^2/NDF : 151568.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

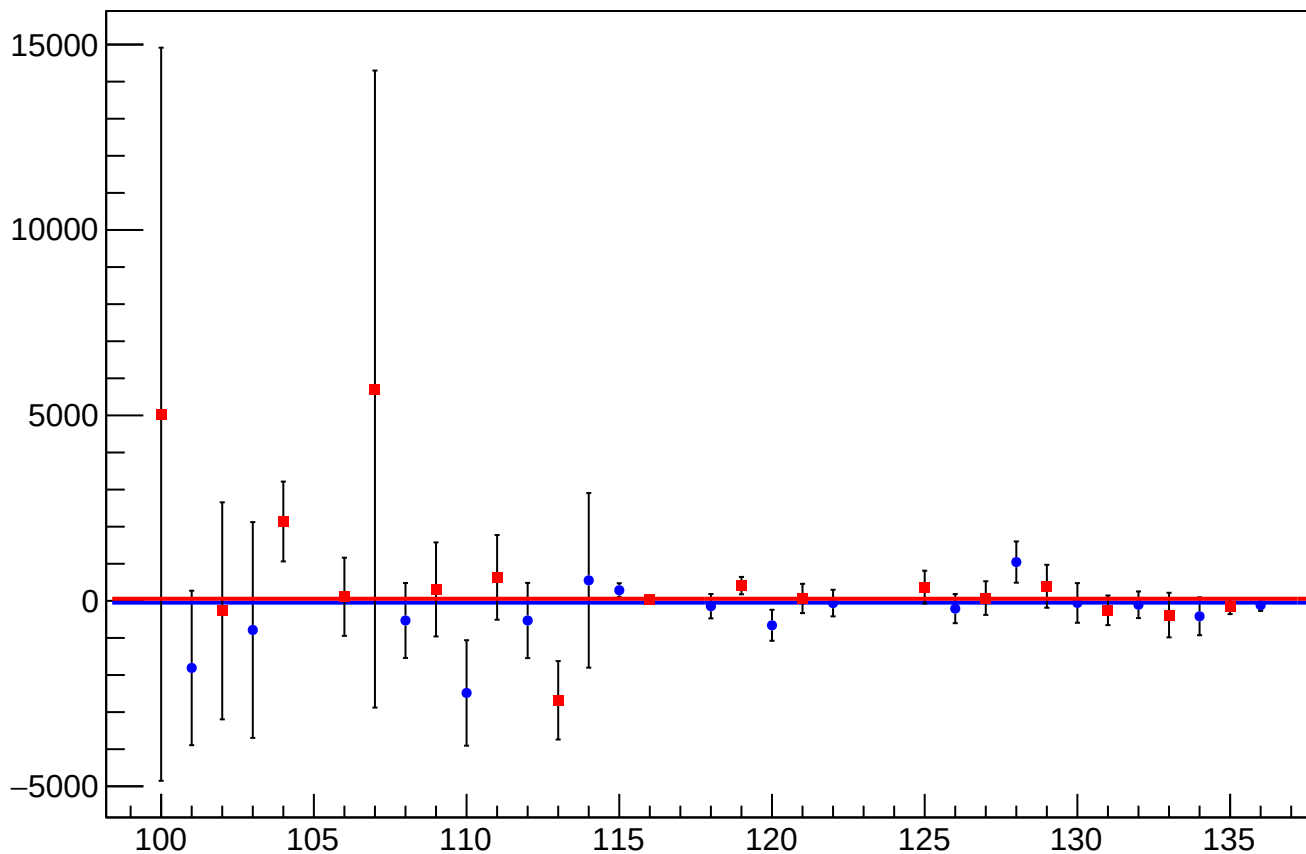
Right: 2318.039+/-0.439 χ^2/NDF : 666410.0/32

In: 2306.643+/-0.617 χ^2/NDF : 514150.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2318.039+/-0.439 χ^2/NDF : 666410.0/32

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: 56.911+/-84.781 χ^2 /NDF: 16.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

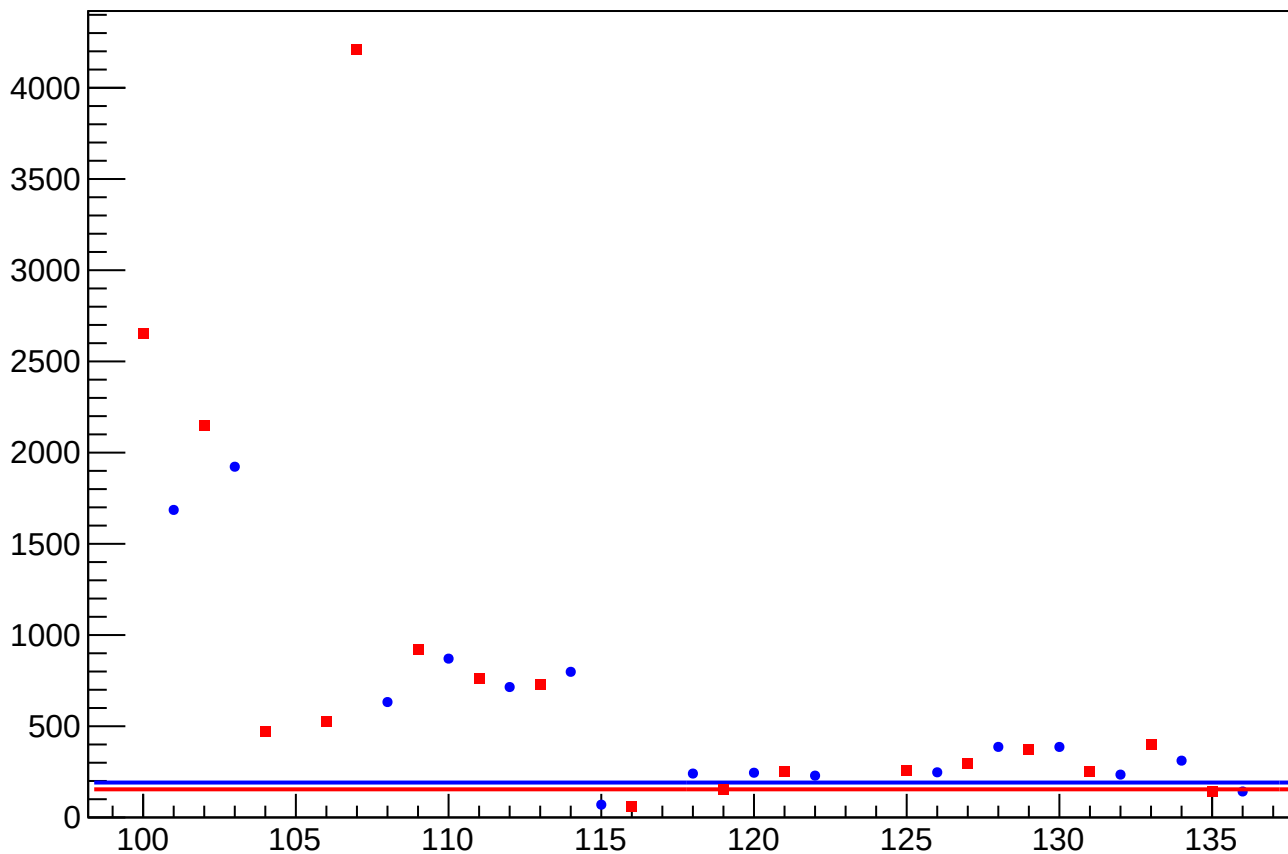
Right: 8.135+/-62.006 χ^2 /NDF: 31.9/32

In: -47.960+/-90.920 χ^2 /NDF:14.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 8.135+/-62.006 χ^2 /NDF: 31.9/32

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: 154.157+/-0.060 χ^2/NDF : 6108658.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

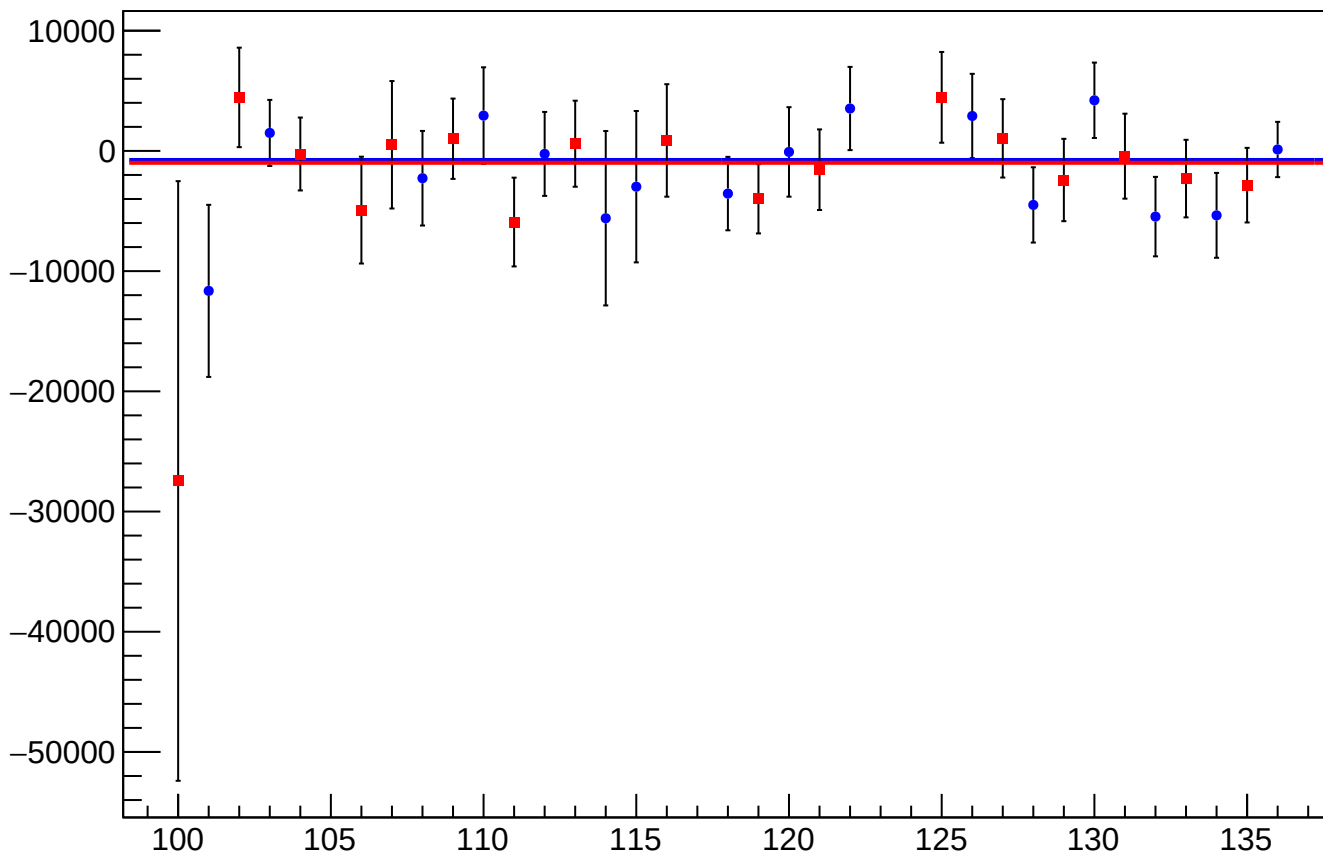
Right: 171.481+/-0.044 χ^2/NDF : 11351809.9/32

In: 191.405+/-0.064 χ^2/NDF : 5063603.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.481+/-0.044 χ^2/NDF : 11351809.9/32

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: -987.912+/-883.799 χ^2/NDF : 10.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

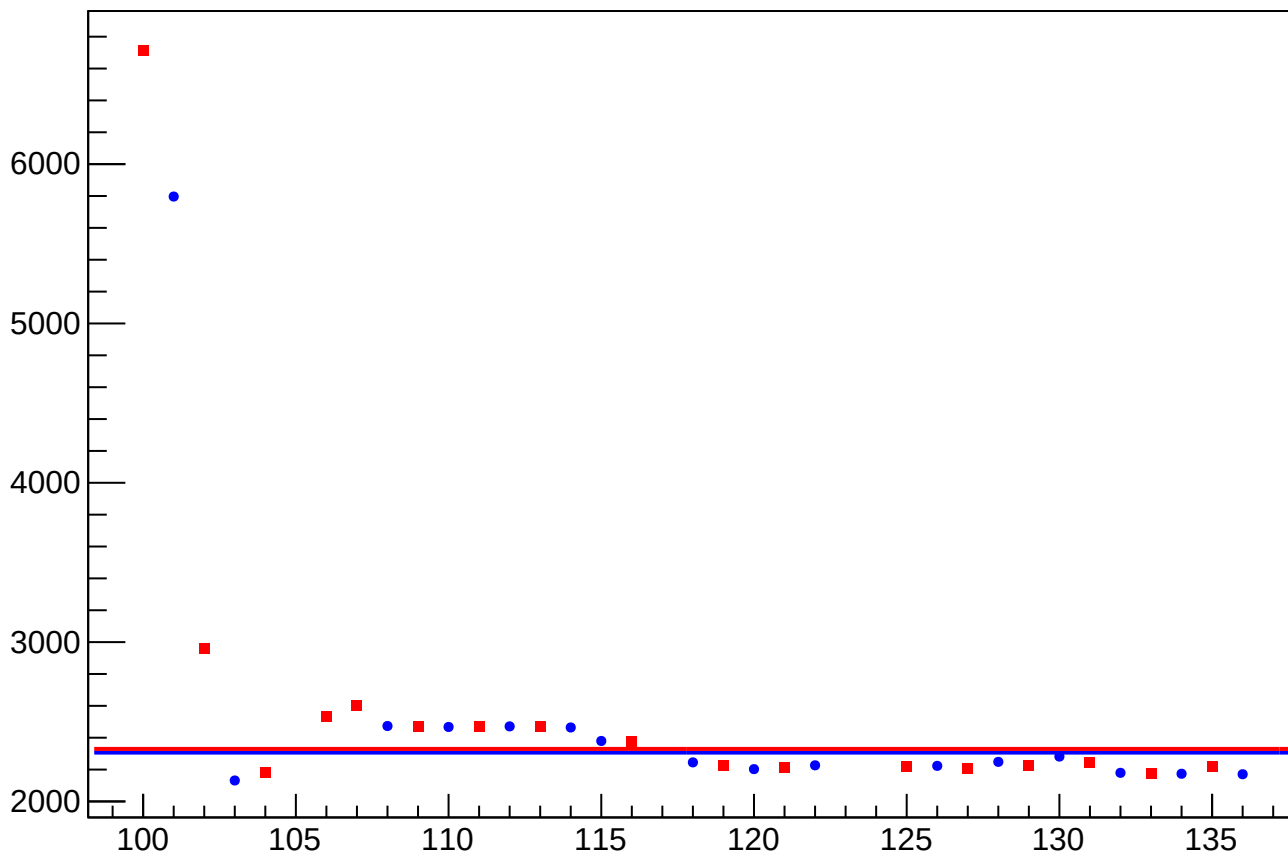
Right: -869.128+/-620.962 χ^2/NDF : 26.5/32

In: -753.322+/-872.653 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -869.128+/-620.962 χ^2/NDF : 26.5/32

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: 2329.727+/-0.625 χ^2/NDF : 151568.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

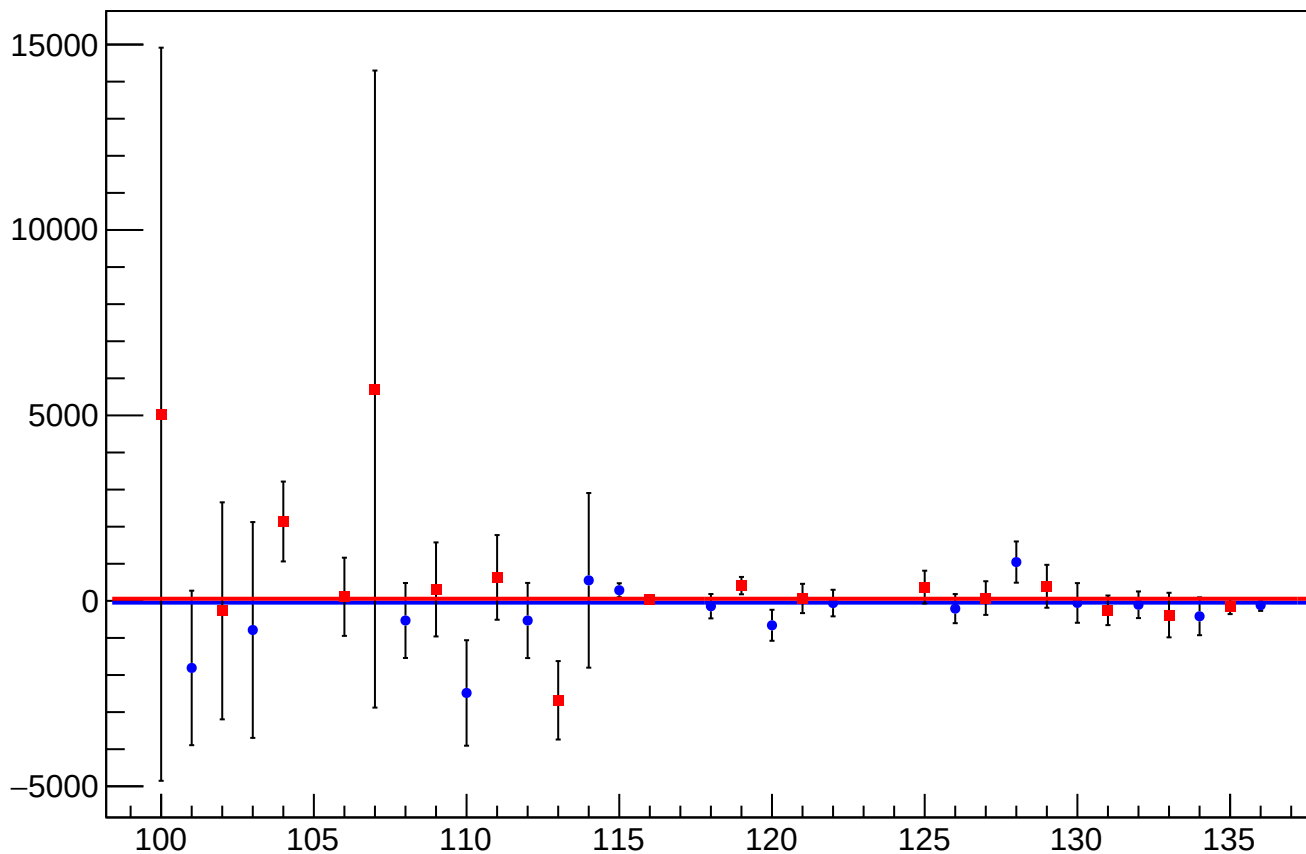
Right: 2318.039+/-0.439 χ^2/NDF : 666410.0/32

In: 2306.643+/-0.617 χ^2/NDF :514150.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2318.039+/-0.439 χ^2/NDF : 666410.0/32

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: 56.911+/-84.781 χ^2/NDF : 16.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

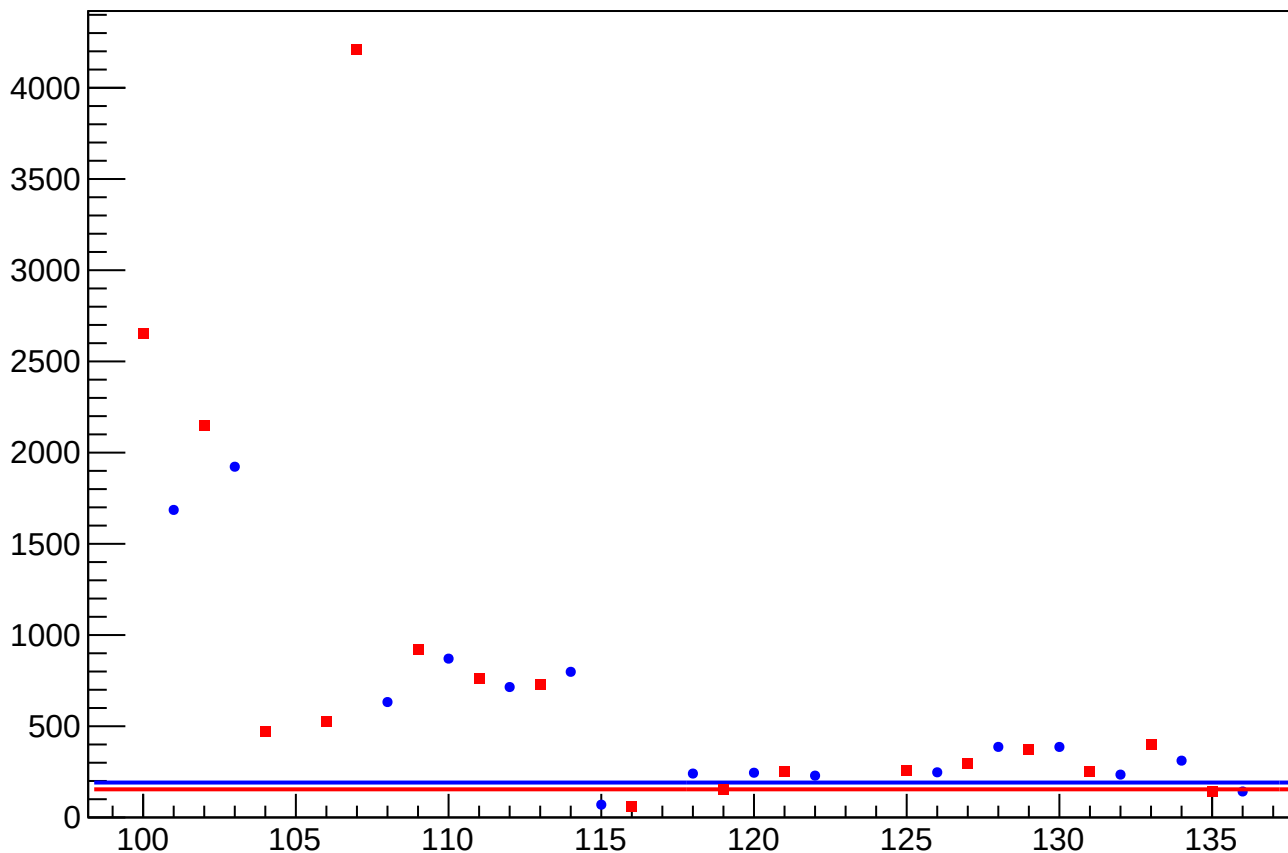
Right: 8.135+/-62.006 χ^2/NDF : 31.9/32

In: -47.960+/-90.920 χ^2/NDF : 14.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.135+/-62.006 χ^2/NDF : 31.9/32

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: 154.157+/-0.060 χ^2/NDF : 6108658.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

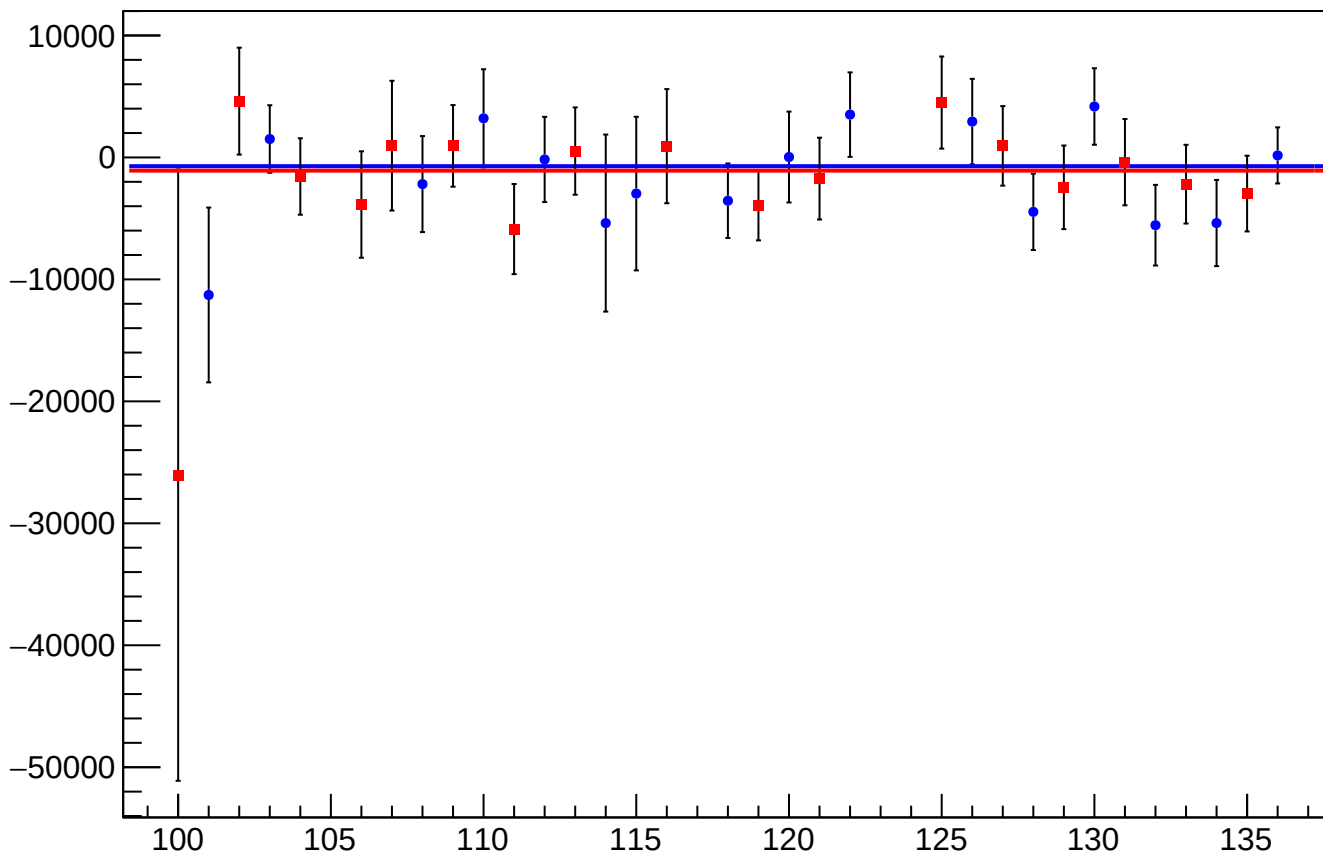
Right: 171.481+/-0.044 χ^2/NDF : 11351809.9/32

In: 191.405+/-0.064 χ^2/NDF : 5063603.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 171.481+/-0.044 χ^2/NDF : 11351809.9/32

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: -1081.033+/-888.229 χ^2/NDF : 10.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

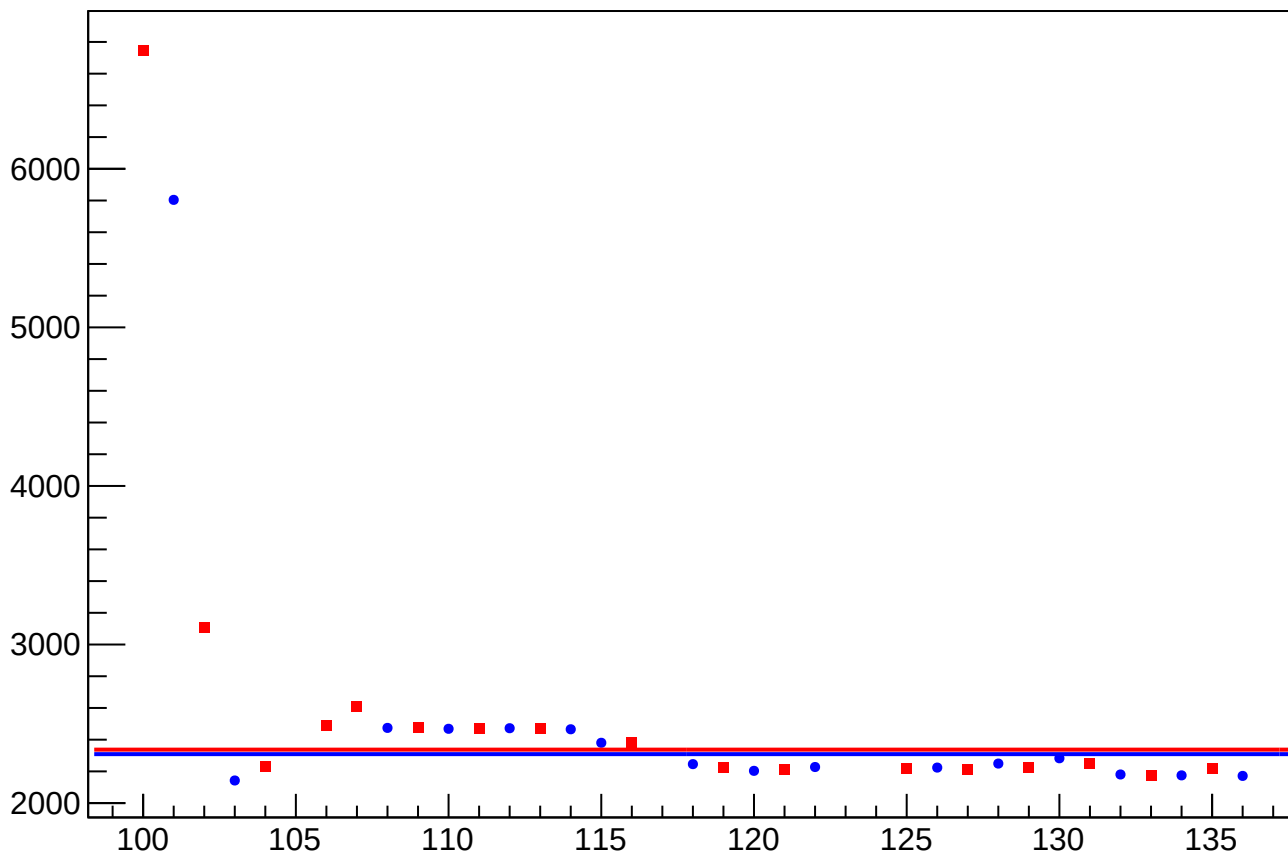
Right: -896.050+/-622.814 χ^2/NDF : 25.9/32

In: -717.136+/-873.539 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -896.050+/-622.814 χ^2/NDF : 25.9/32

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: 2337.170+/-0.628 χ^2/NDF : 165126.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

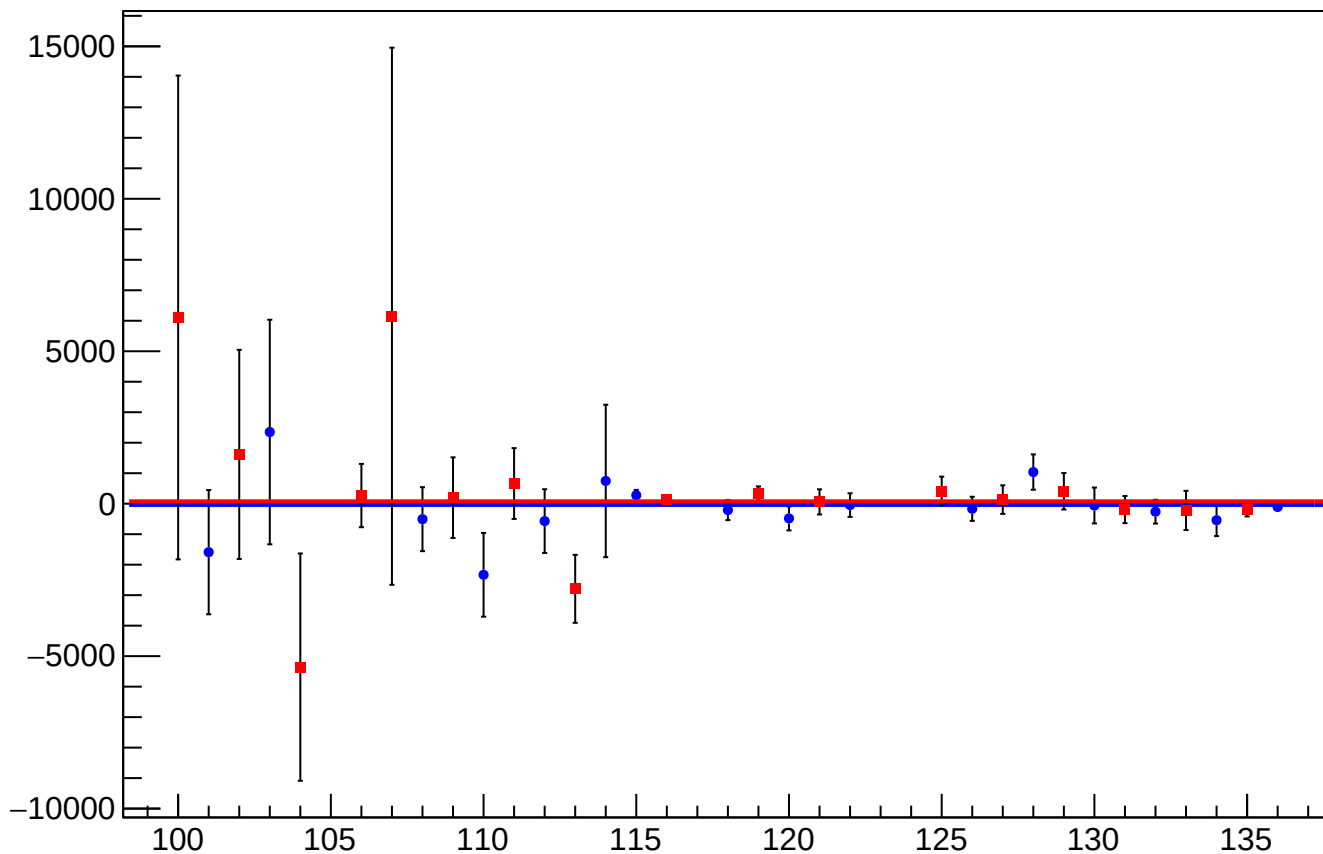
Right: 2322.718+/-0.440 χ^2/NDF : 679910.6/32

In: 2308.739+/-0.618 χ^2/NDF : 513742.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.718+/-0.440 χ^2/NDF : 679910.6/32

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: 78.052 ± 88.763 χ^2/NDF : 14.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

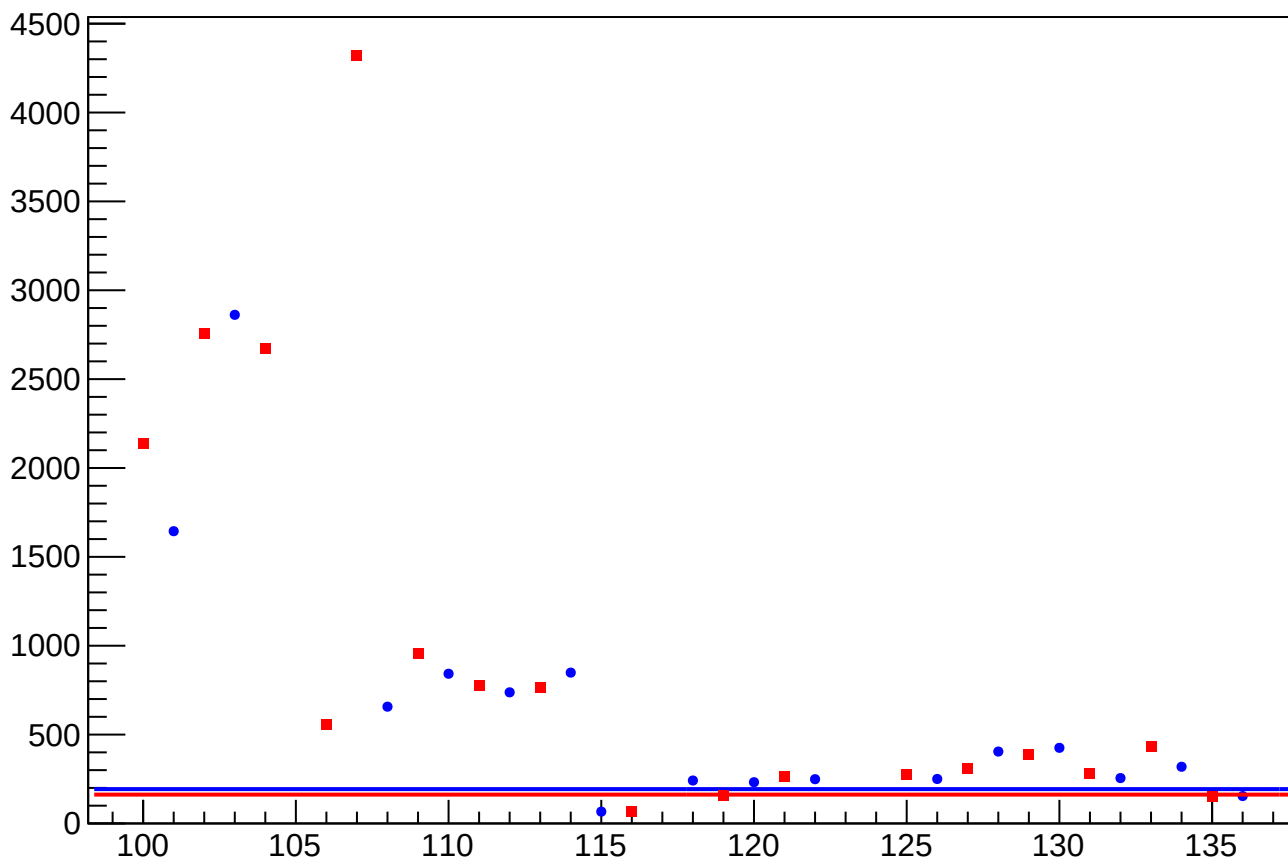
Right: 21.344 ± 64.015 χ^2/NDF : 29.7/32

In: -40.119 ± 92.409 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 21.344 ± 64.015 χ^2/NDF : 29.7/32

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: 162.318+/-0.063 χ^2/NDF : 7070311.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

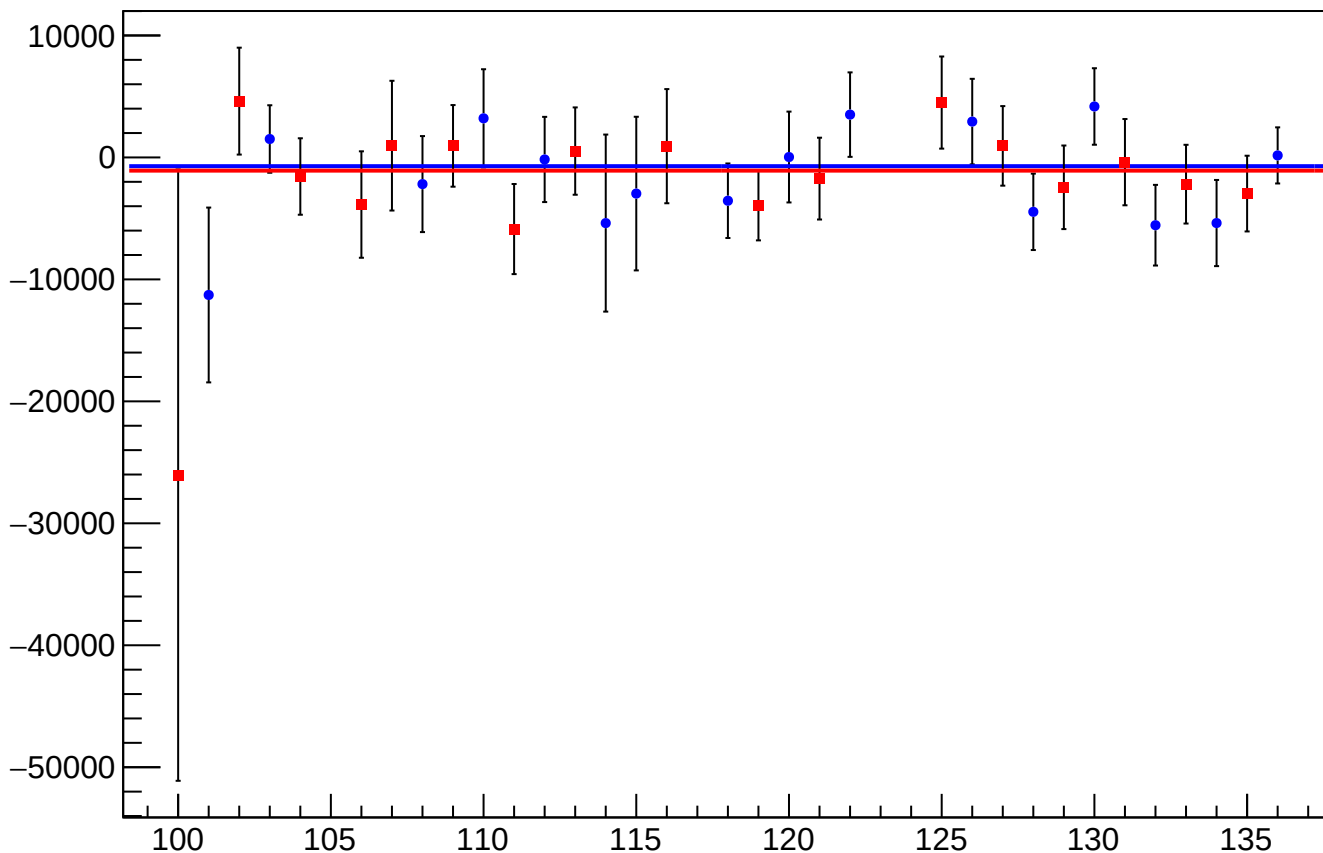
Right: 177.164+/-0.045 χ^2/NDF : 12804751.2/32

In: 193.255+/-0.065 χ^2/NDF :5617847.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 177.164+/-0.045 χ^2/NDF : 12804751.2/32

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: -1081.035+/-888.229 χ^2/NDF : 10.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

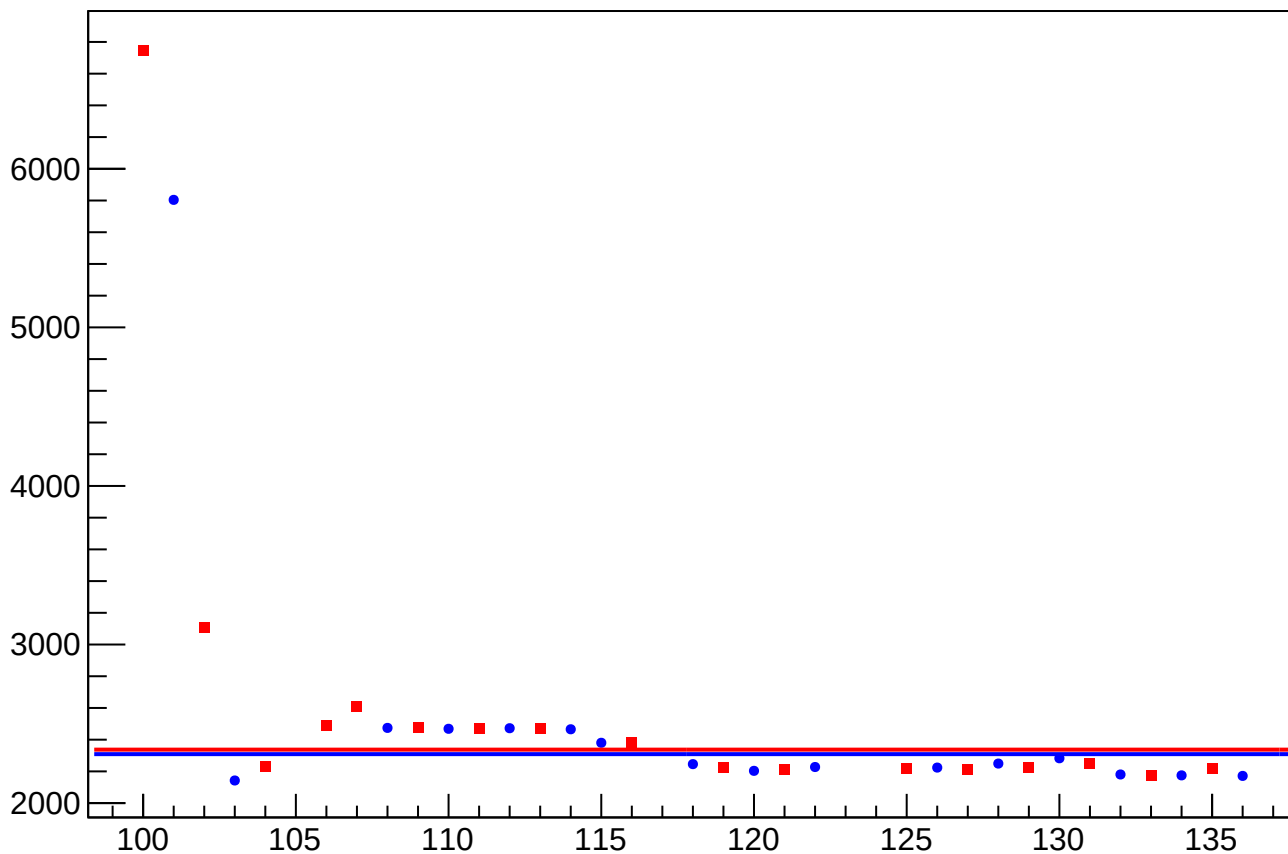
Right: -896.052+/-622.814 χ^2/NDF : 25.9/32

In: -717.137+/-873.539 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -896.052+/-622.814 χ^2/NDF : 25.9/32

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: 2337.170+/-0.628 χ^2/NDF : 165126.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

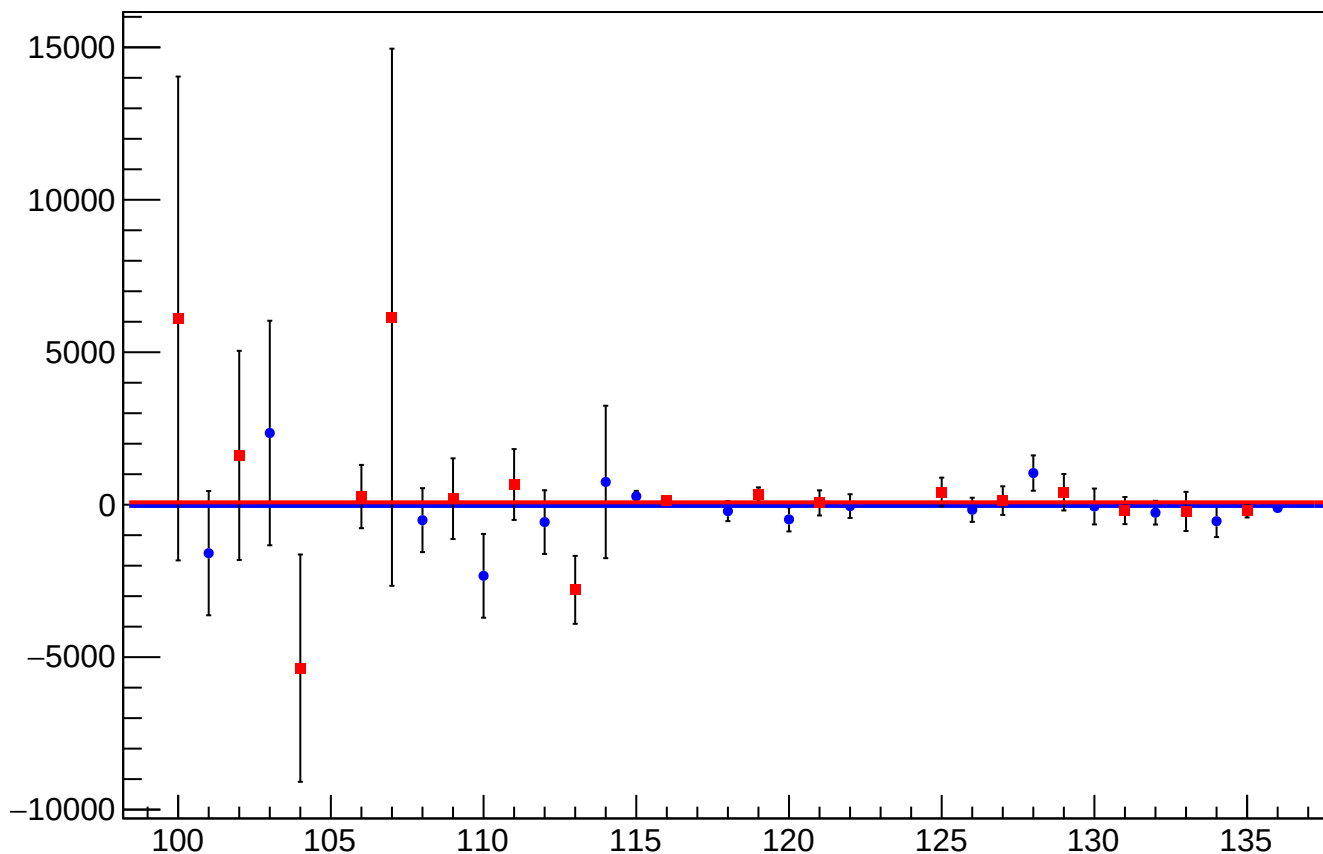
Right: 2322.718+/-0.440 χ^2/NDF : 679910.5/32

In: 2308.739+/-0.618 χ^2/NDF : 513742.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2322.718+/-0.440 χ^2/NDF : 679910.5/32

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: 78.054 ± 88.762 χ^2/NDF : 14.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

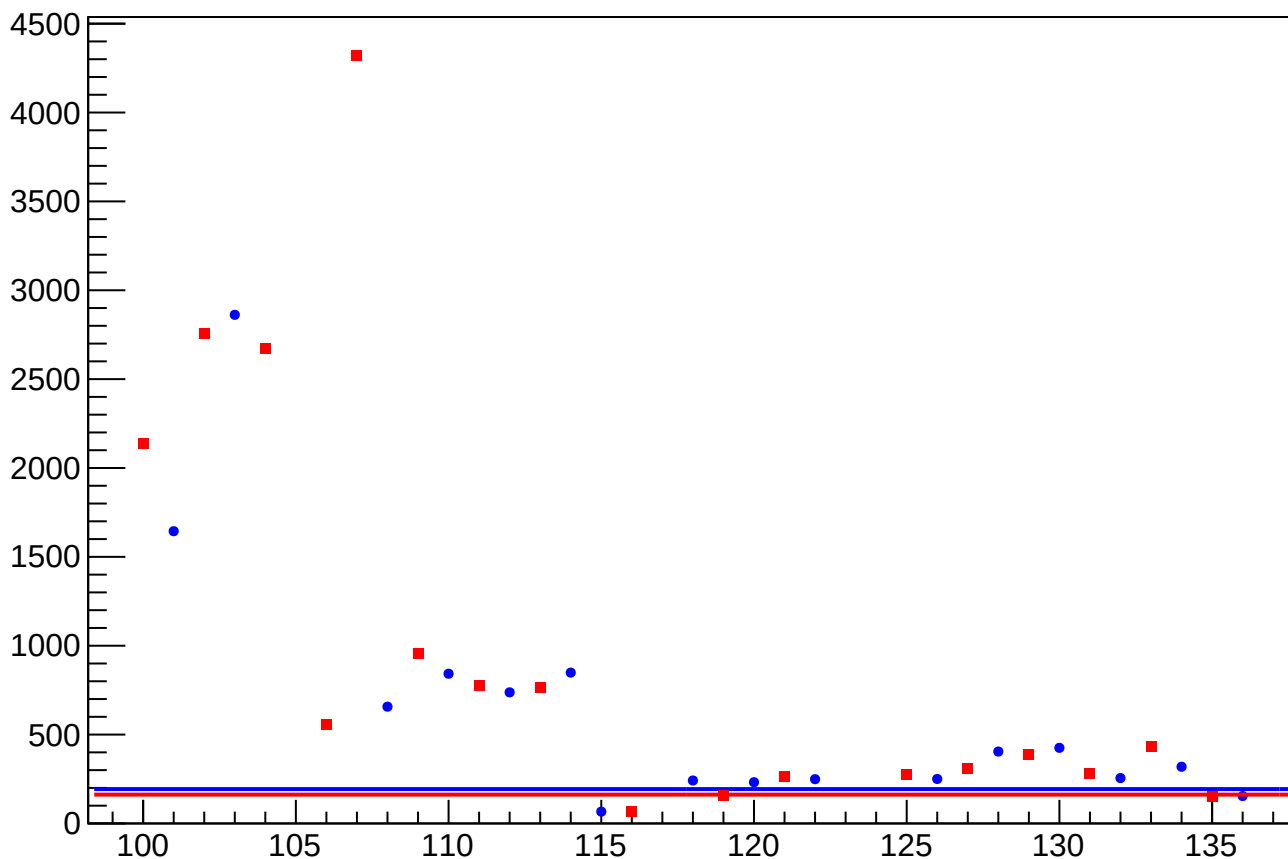
Right: 21.346 ± 64.014 χ^2/NDF : 29.7/32

In: -40.116 ± 92.408 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 21.346 ± 64.014 χ^2/NDF : 29.7/32

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: 162.315+/-0.063 χ^2/NDF : 7070370.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

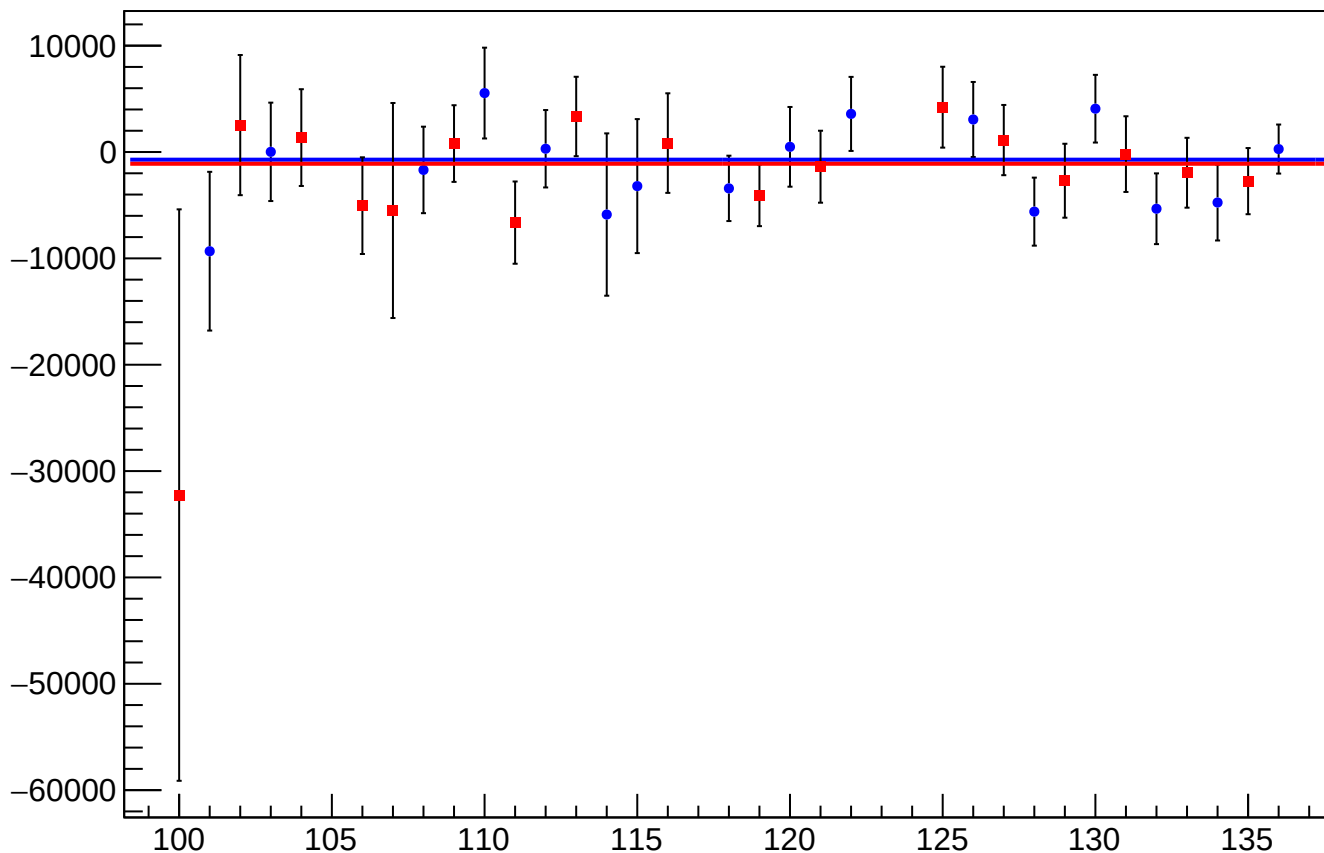
Right: 177.162+/-0.045 χ^2/NDF : 12804851.0/32

In: 193.253+/-0.065 χ^2/NDF : 5617884.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.162+/-0.045 χ^2/NDF : 12804851.0/32

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: -1105.704+/-946.262 χ^2/NDF : 10.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

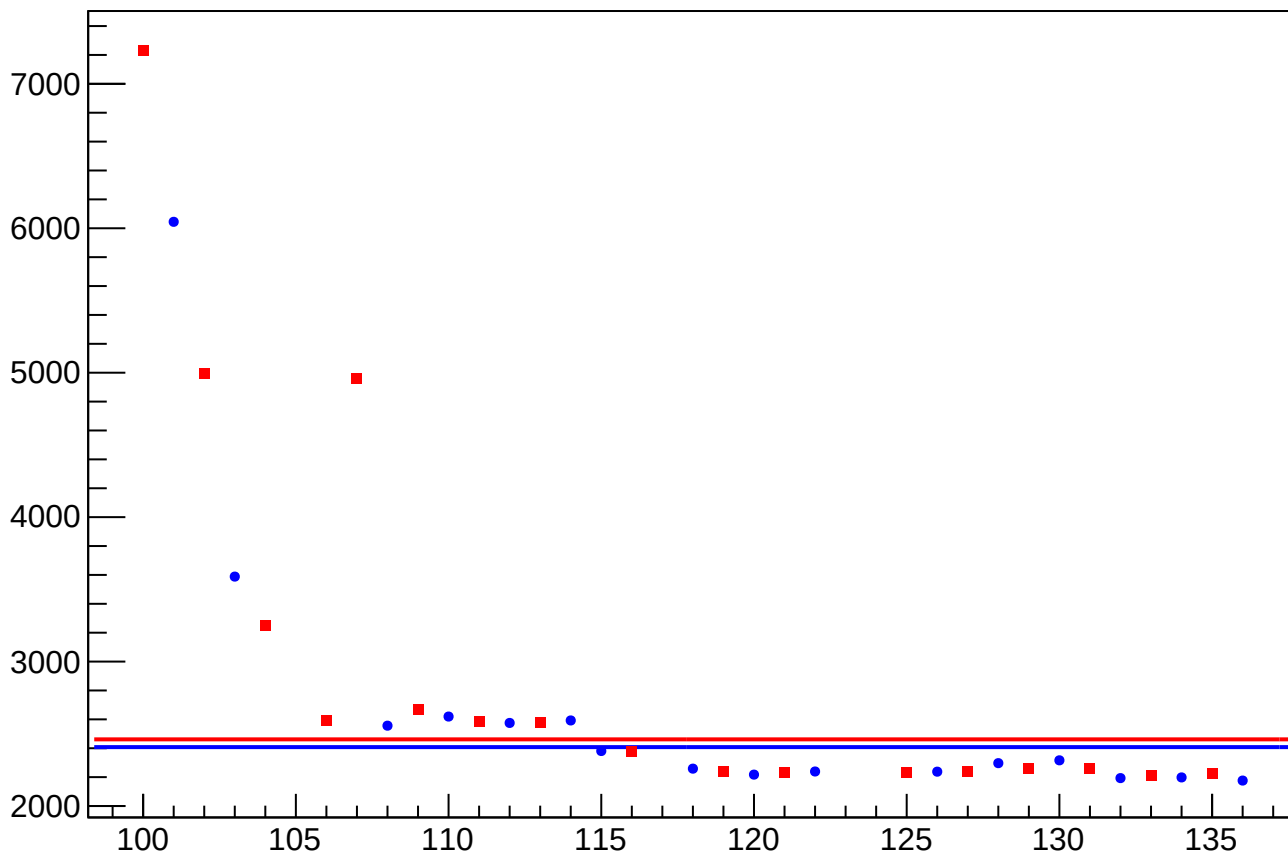
Right: -906.409+/-658.233 χ^2/NDF : 26.8/32

In: -719.565+/-916.228 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -906.409+/-658.233 χ^2/NDF : 26.8/32

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: 2461.541+/-0.669 χ^2/NDF : 627089.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

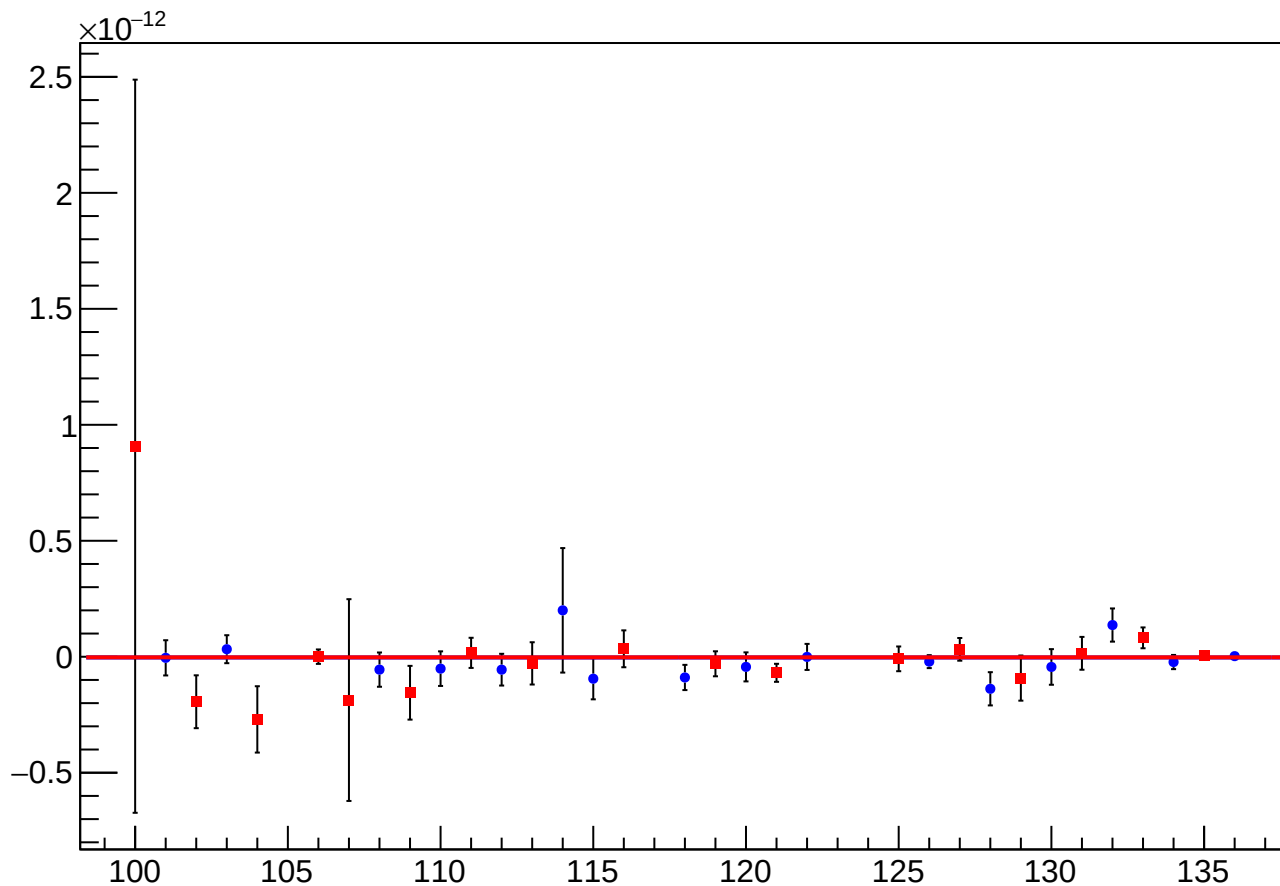
Right: 2433.802+/-0.465 χ^2/NDF : 1307310.8/32

In: 2407.795+/-0.648 χ^2/NDF : 676891.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2433.802+/-0.465 χ^2/NDF : 1307310.8/32

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: 17.4/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

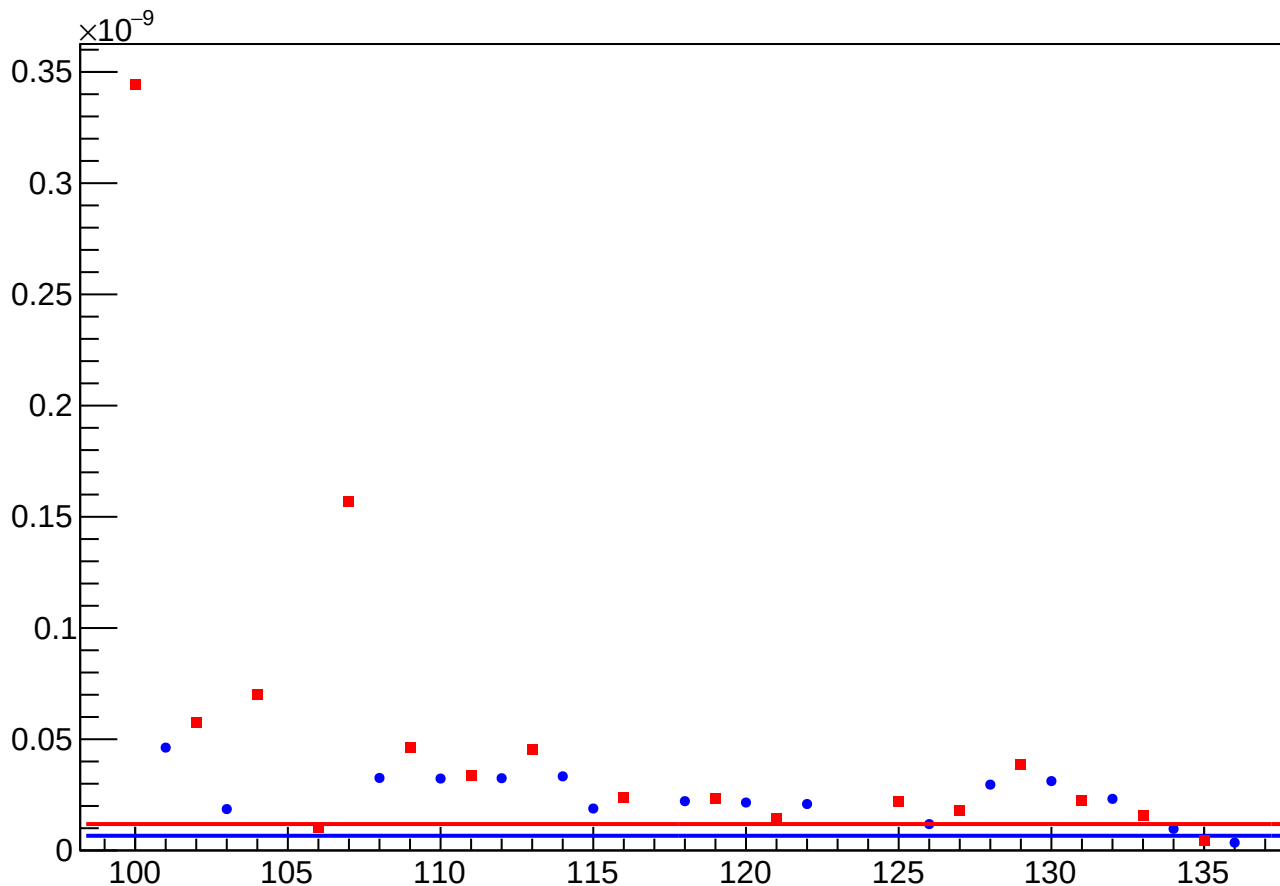
Right: -0.000+/-0.000 χ^2 /NDF: 32.9/32

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: 32.9/32

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 : 2645927.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

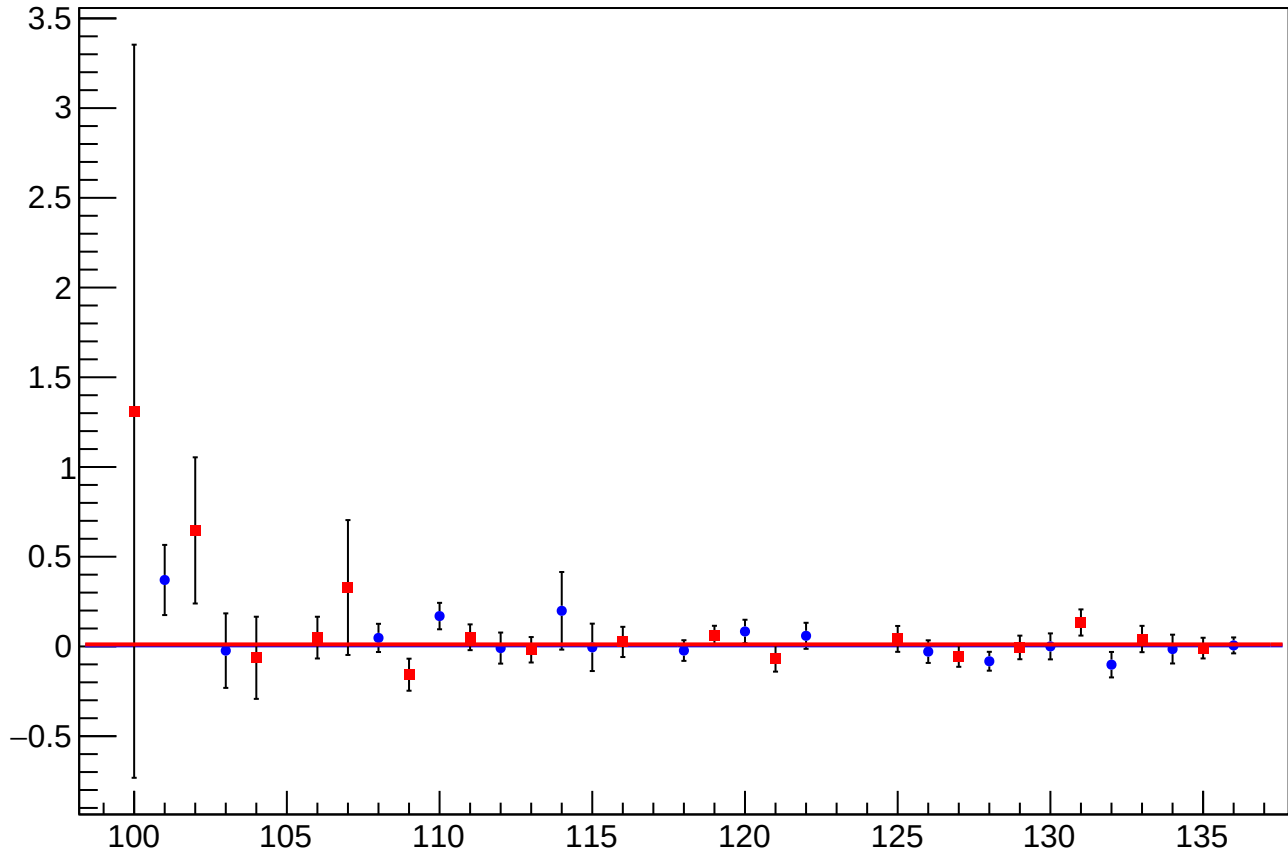
Right: 0.000+/-0.000 χ^2/NDF : 5884585.1/32

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 : 5884585.1/32

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: 0.011+/-0.019 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

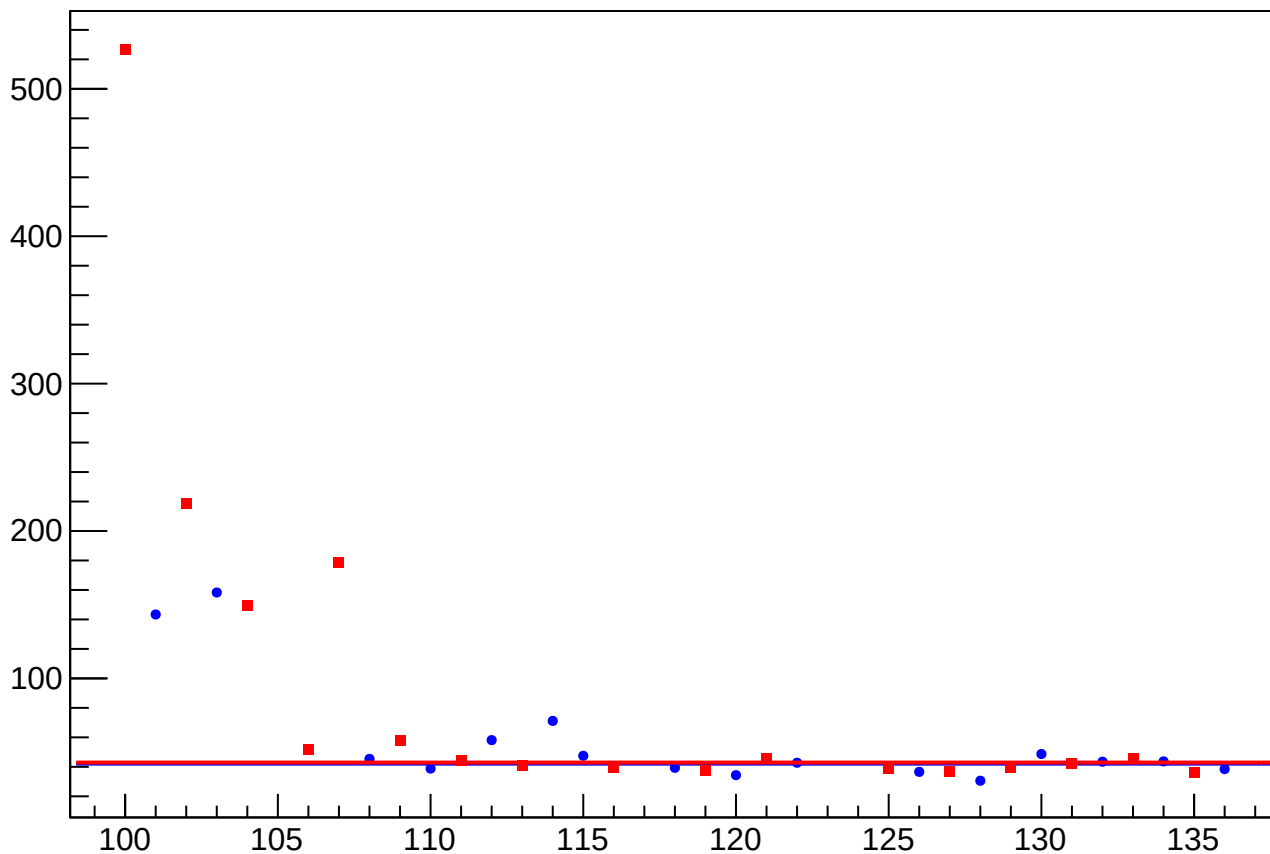
Right: 0.009+/-0.013 χ^2/NDF : 31.6/32

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 31.6/32

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: 42.896+/-0.014 χ^2/NDF : 1340735.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

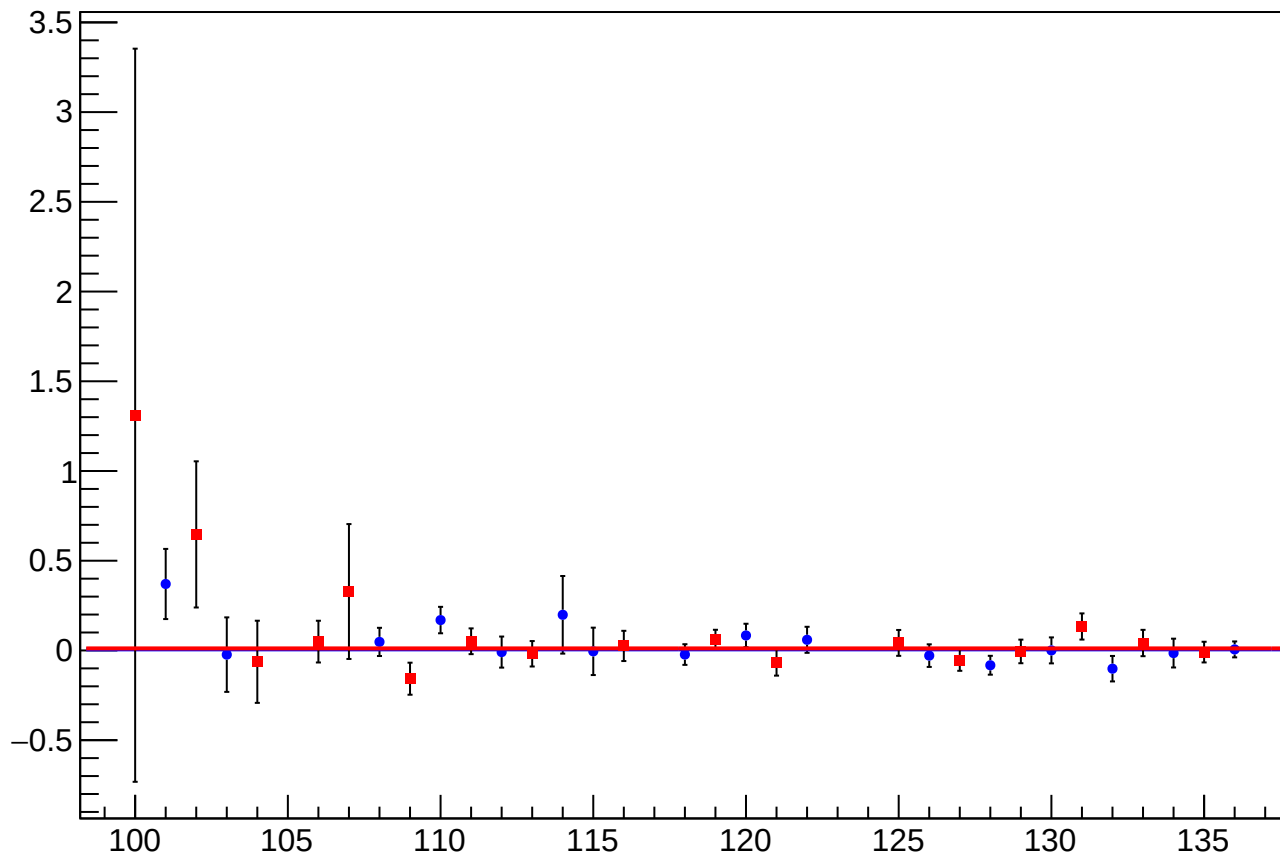
Right: 42.510+/-0.009 χ^2/NDF : 2796622.3/32

In: 42.165+/-0.013 χ^2/NDF : 1454378.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.510+/-0.009 χ^2/NDF : 2796622.3/32

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: 0.011+/-0.019 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

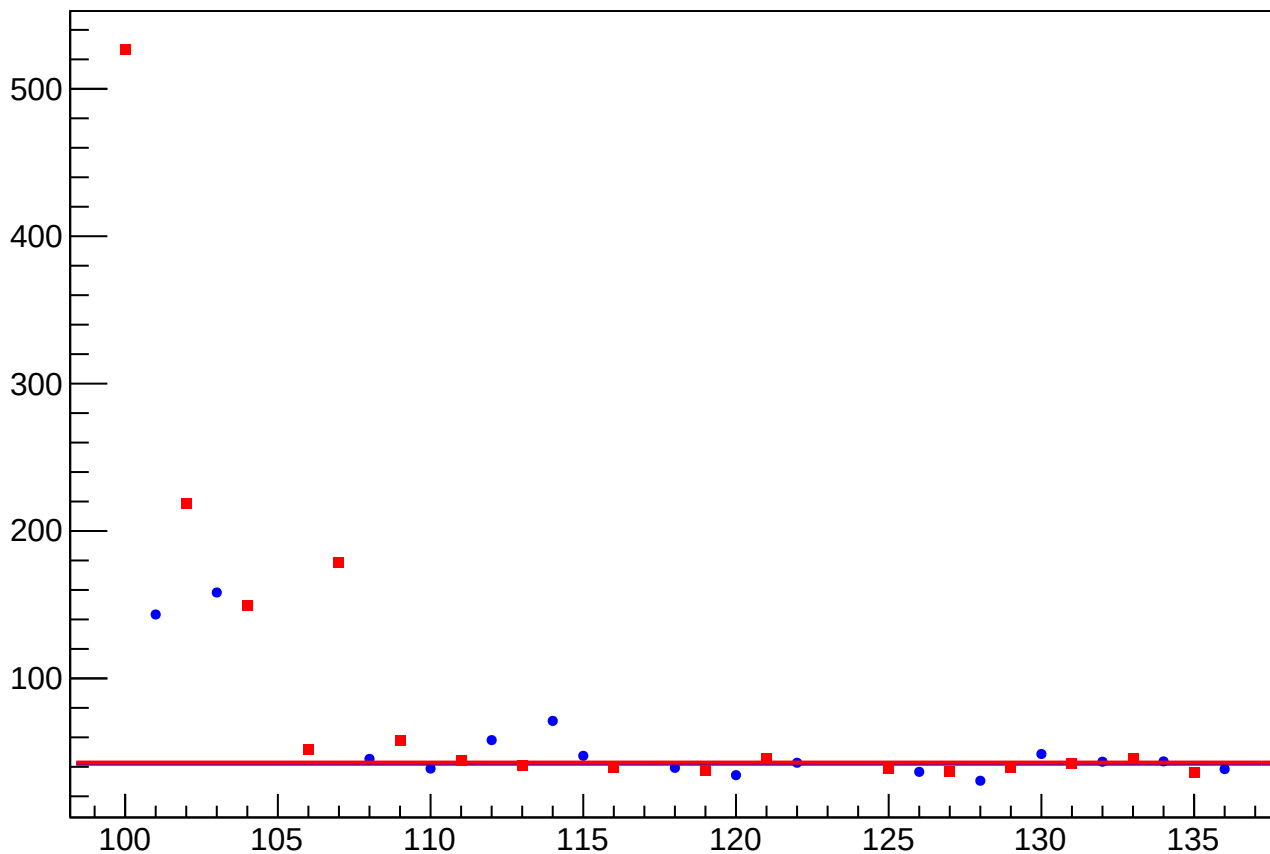
Right: 0.009+/-0.013 χ^2/NDF : 31.6/32

In: 0.006+/-0.018 χ^2/NDF :17.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.009+/-0.013 χ^2/NDF : 31.6/32

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: 42.896+/-0.014 χ^2/NDF : 1340735.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

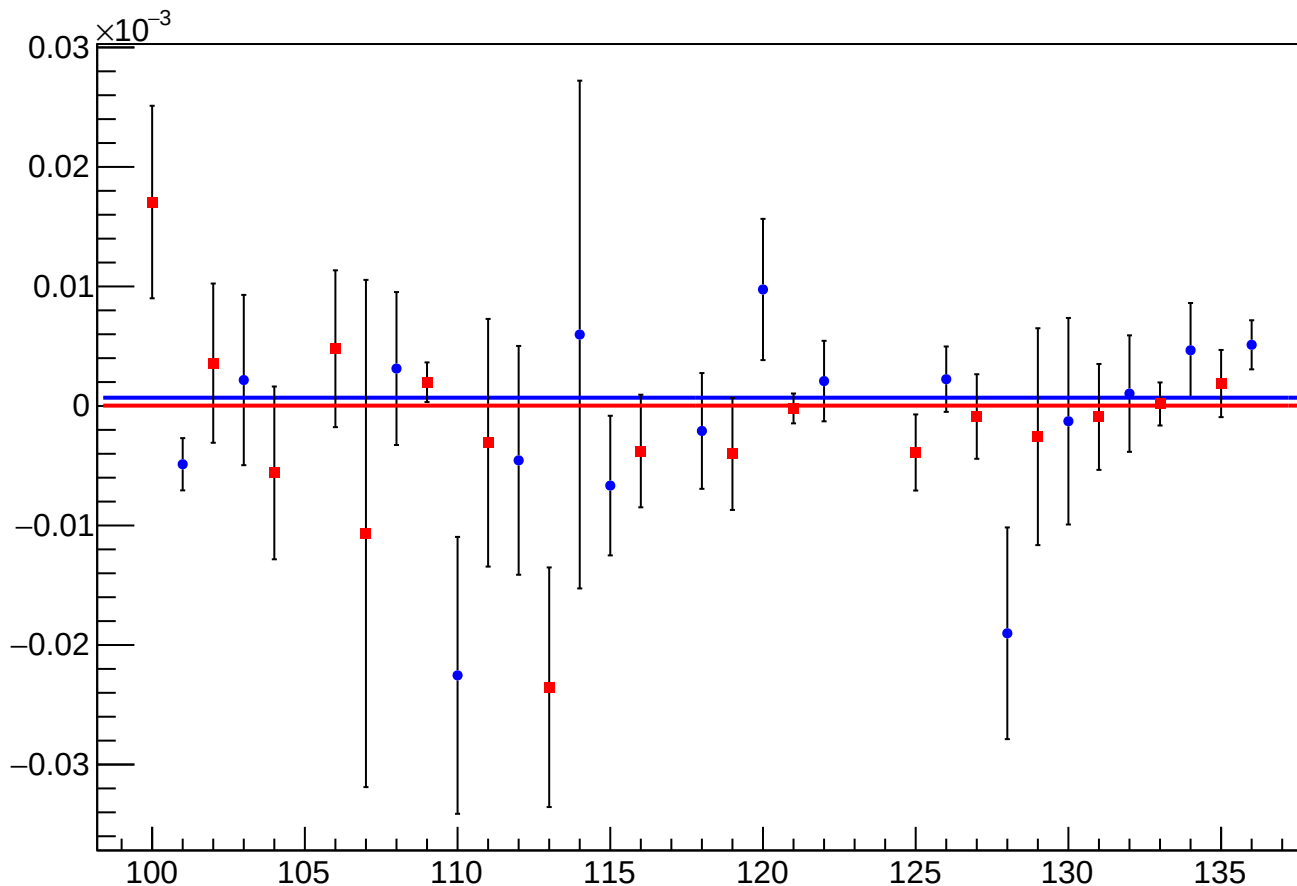
Right: 42.510+/-0.009 χ^2/NDF : 2796622.3/32

In: 42.165+/-0.013 χ^2/NDF : 1454378.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.510+/-0.009 χ^2/NDF : 2796622.3/32

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 26.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

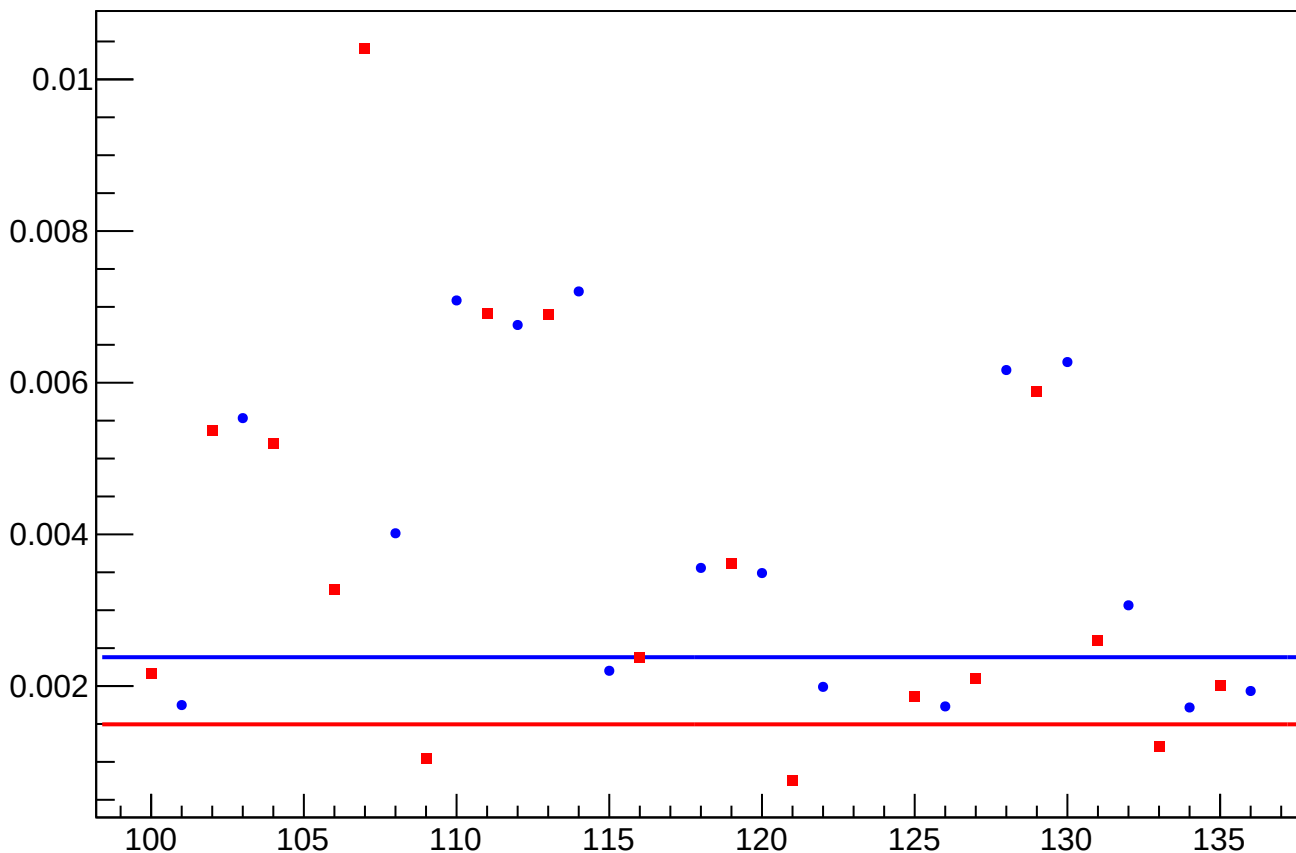
Right: 0.000+/-0.000 χ^2/NDF : 43.5/32

In: 0.000+/-0.000 χ^2/NDF : 26.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.5/32

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: 0.001+/-0.000

χ^2/NDF : 4976170.0/16

Left 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 : 8807826.0/32

In: 0.002+/-0.000

χ^2/NDF : 2832488.0/15

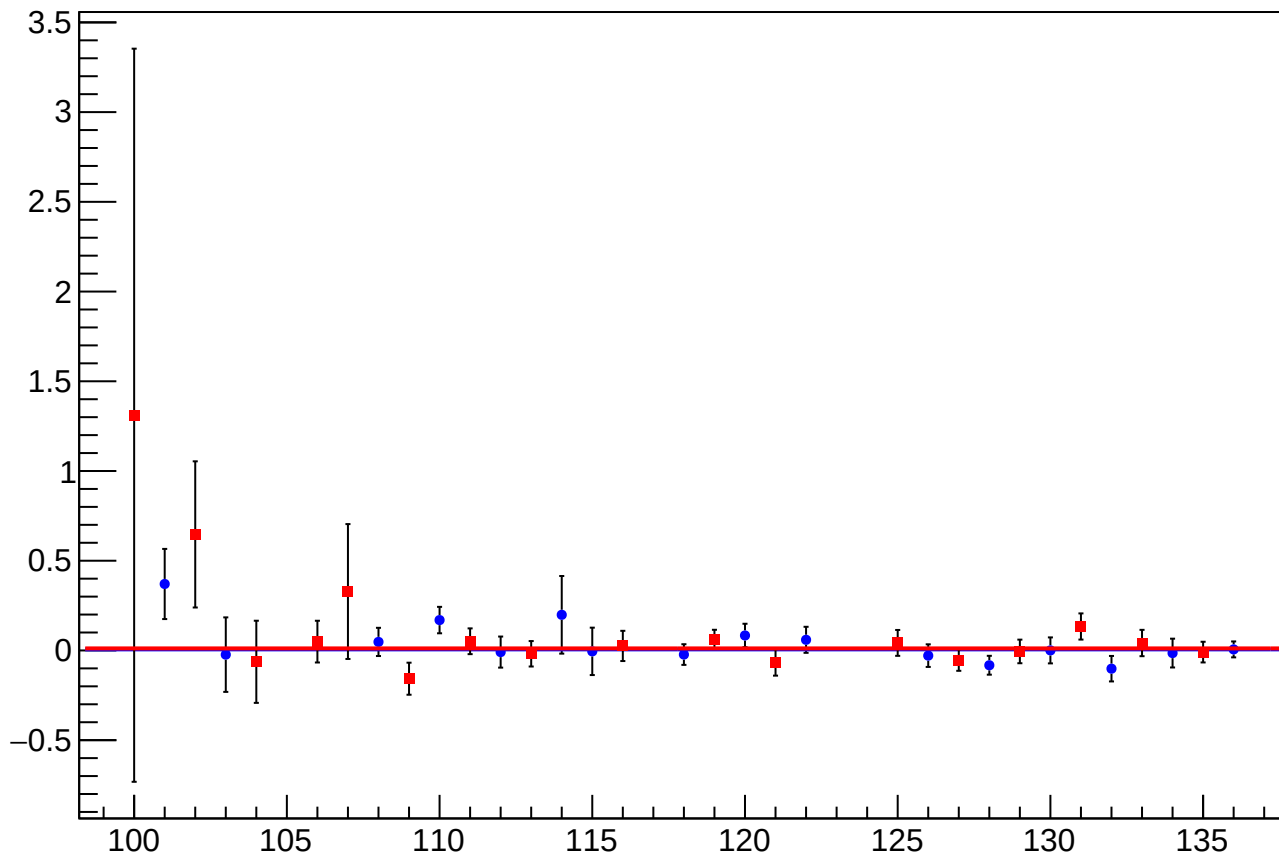
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 8807826.0/32

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: 0.011+/-0.019 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

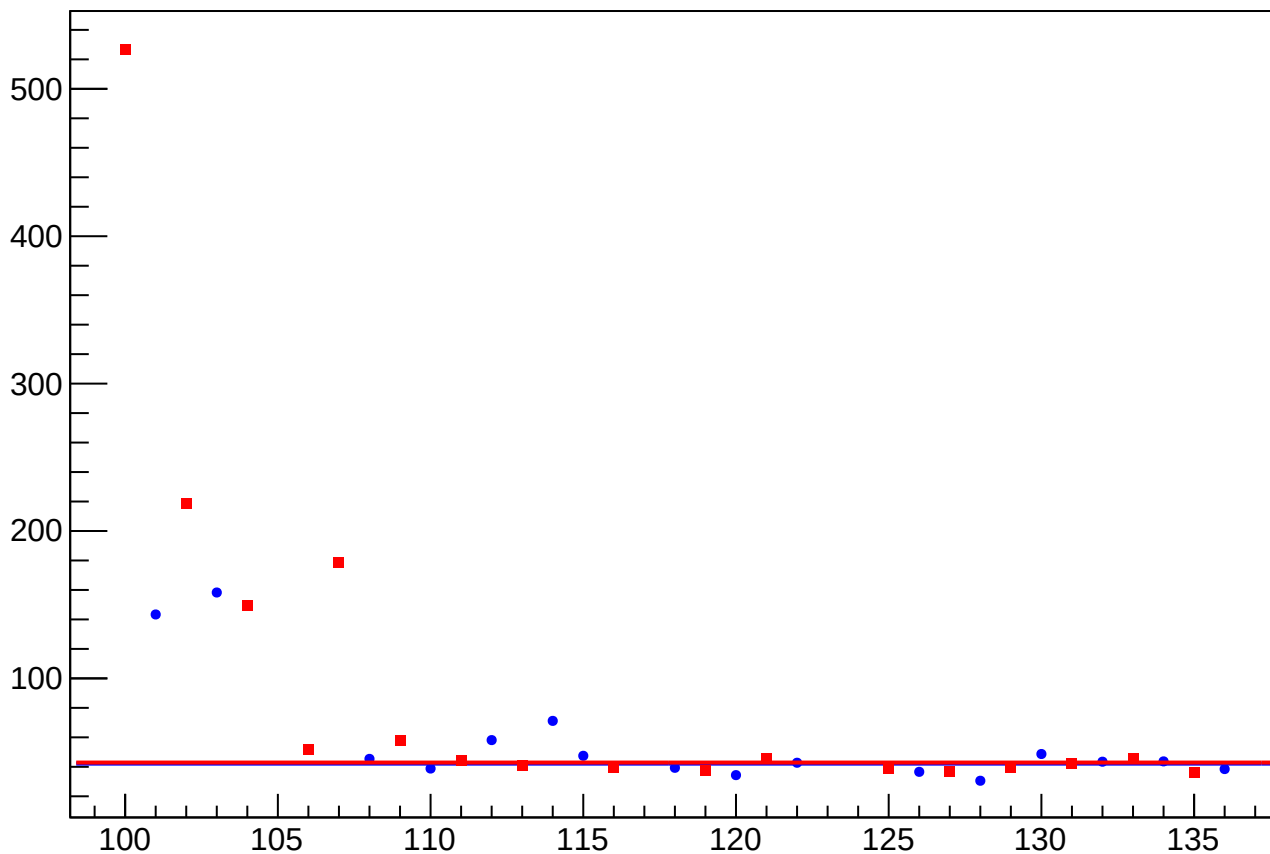
Right: 0.009+/-0.013 χ^2/NDF : 31.6/32

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 31.6/32

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: 42.897+/-0.014 χ^2/NDF : 1340708.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

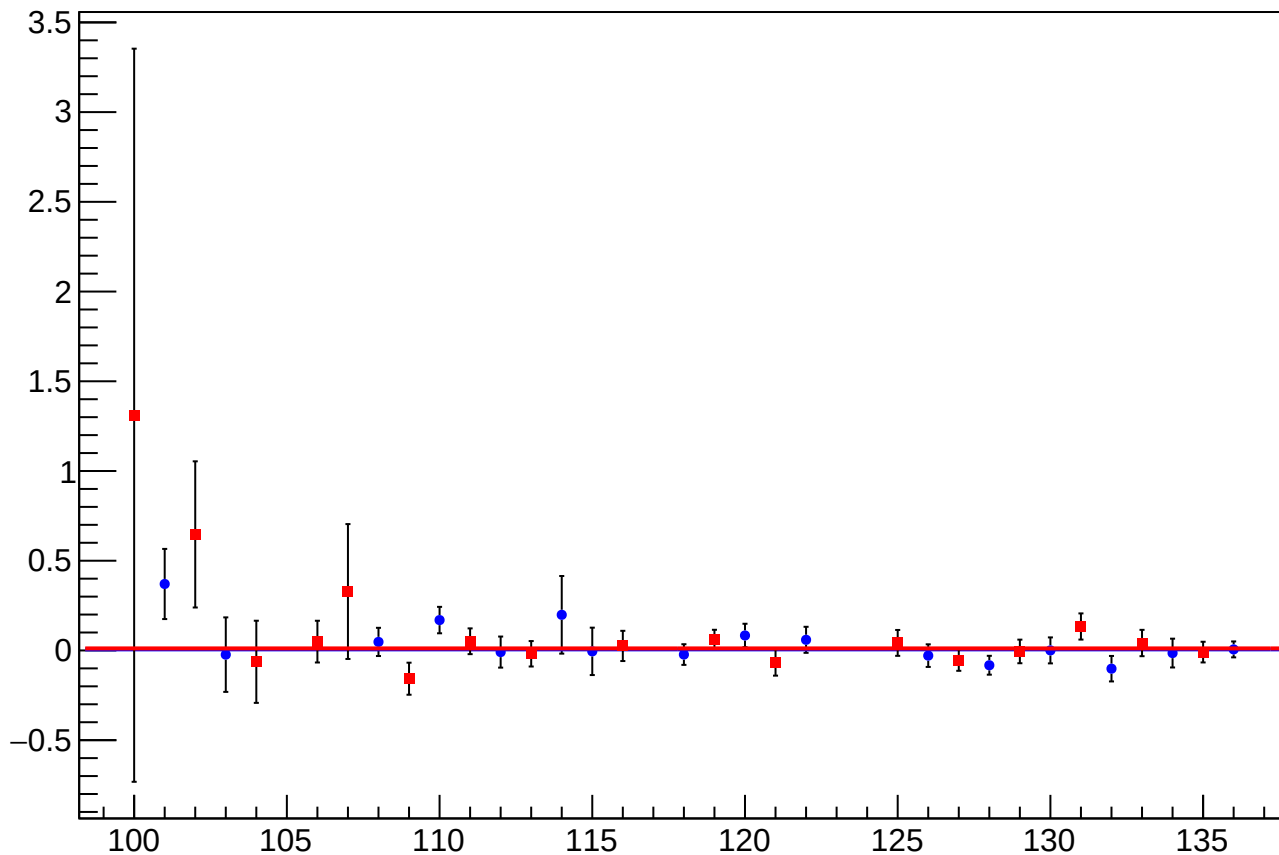
Right: 42.509+/-0.009 χ^2/NDF : 2796821.5/32

In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.509+/-0.009 χ^2/NDF : 2796821.5/32

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: 0.011+/-0.019 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

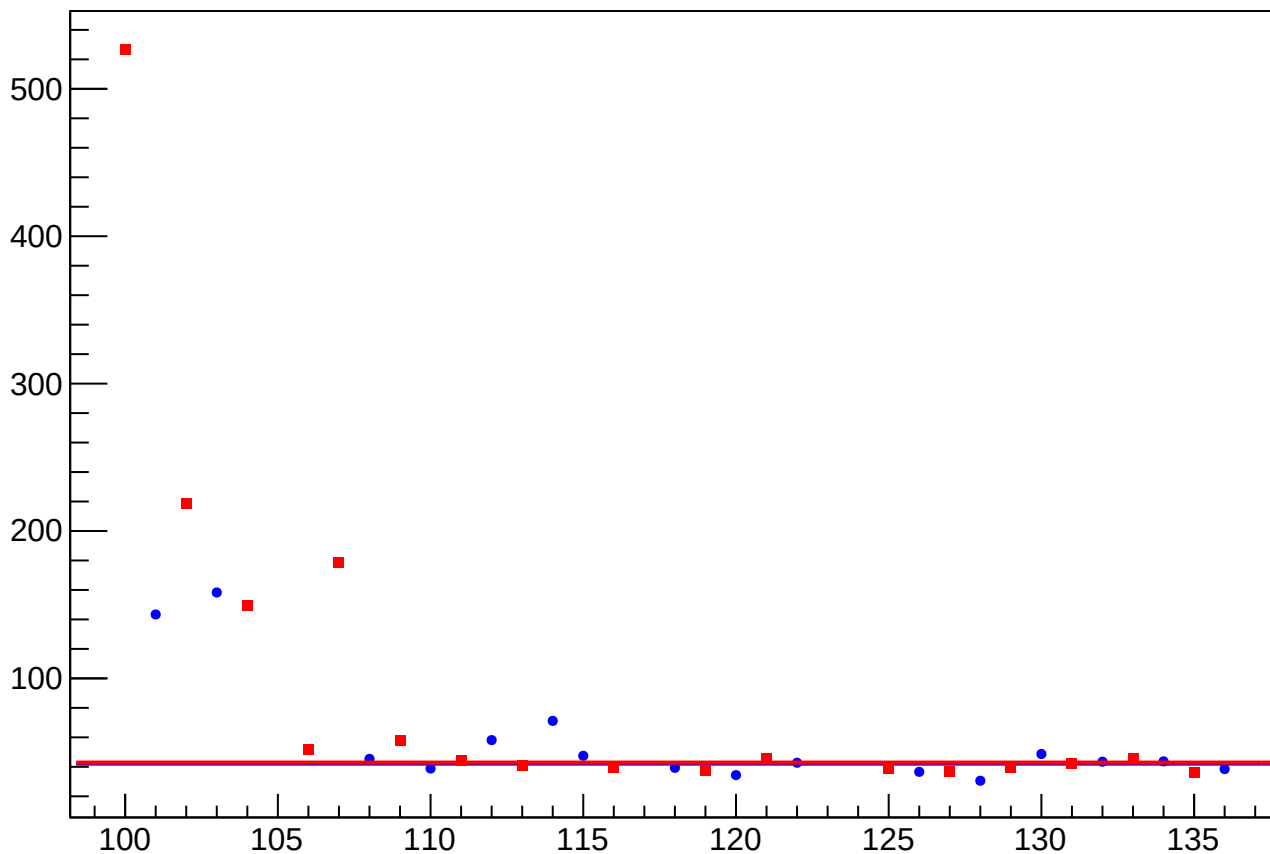
Right: 0.009+/-0.013 χ^2/NDF : 31.6/32

In: 0.006+/-0.018 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.013 χ^2/NDF : 31.6/32

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: 42.897+/-0.014 χ^2/NDF : 1340708.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

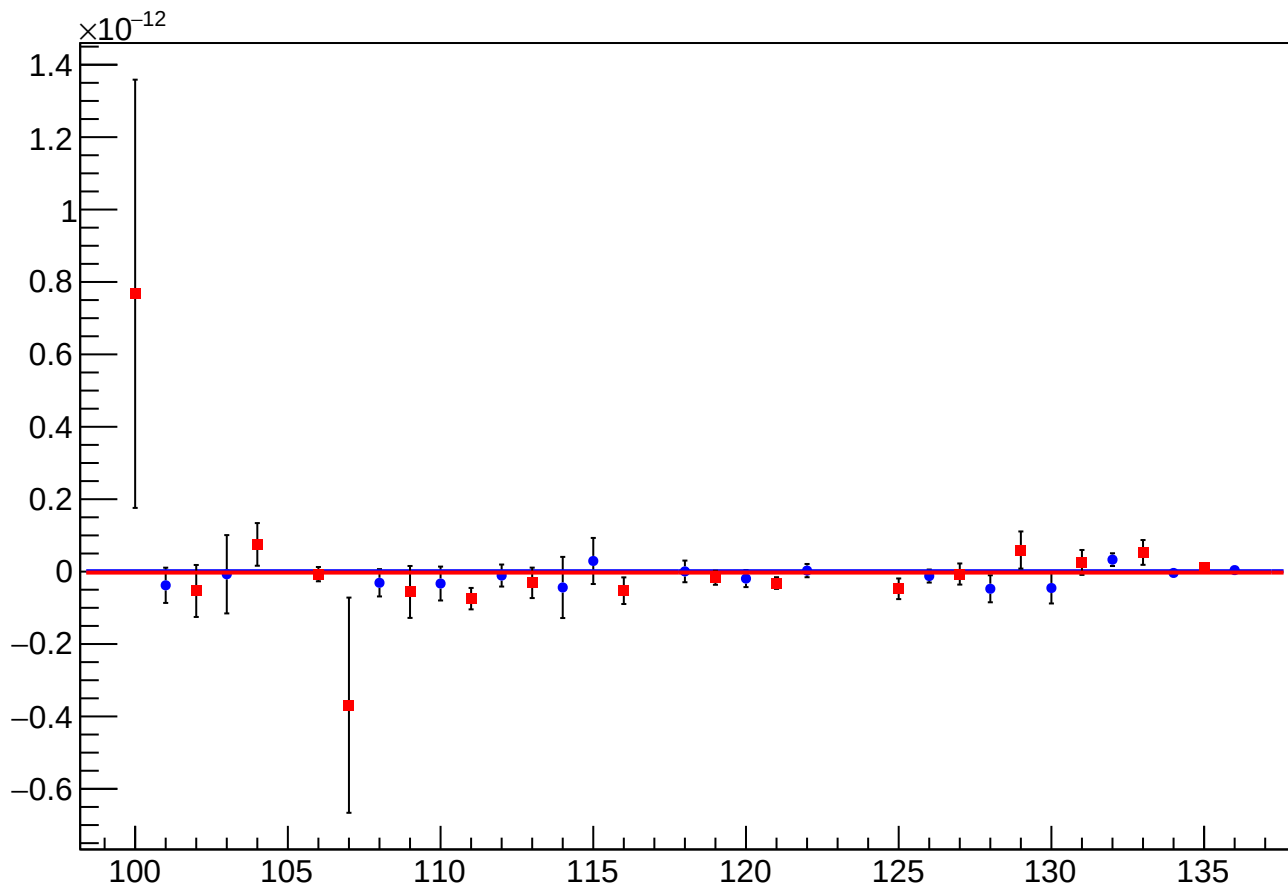
Right: 42.509+/-0.009 χ^2/NDF : 2796821.5/32

In: 42.163+/-0.013 χ^2/NDF : 1454592.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.509+/-0.009 χ^2/NDF : 2796821.5/32

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 : 28.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

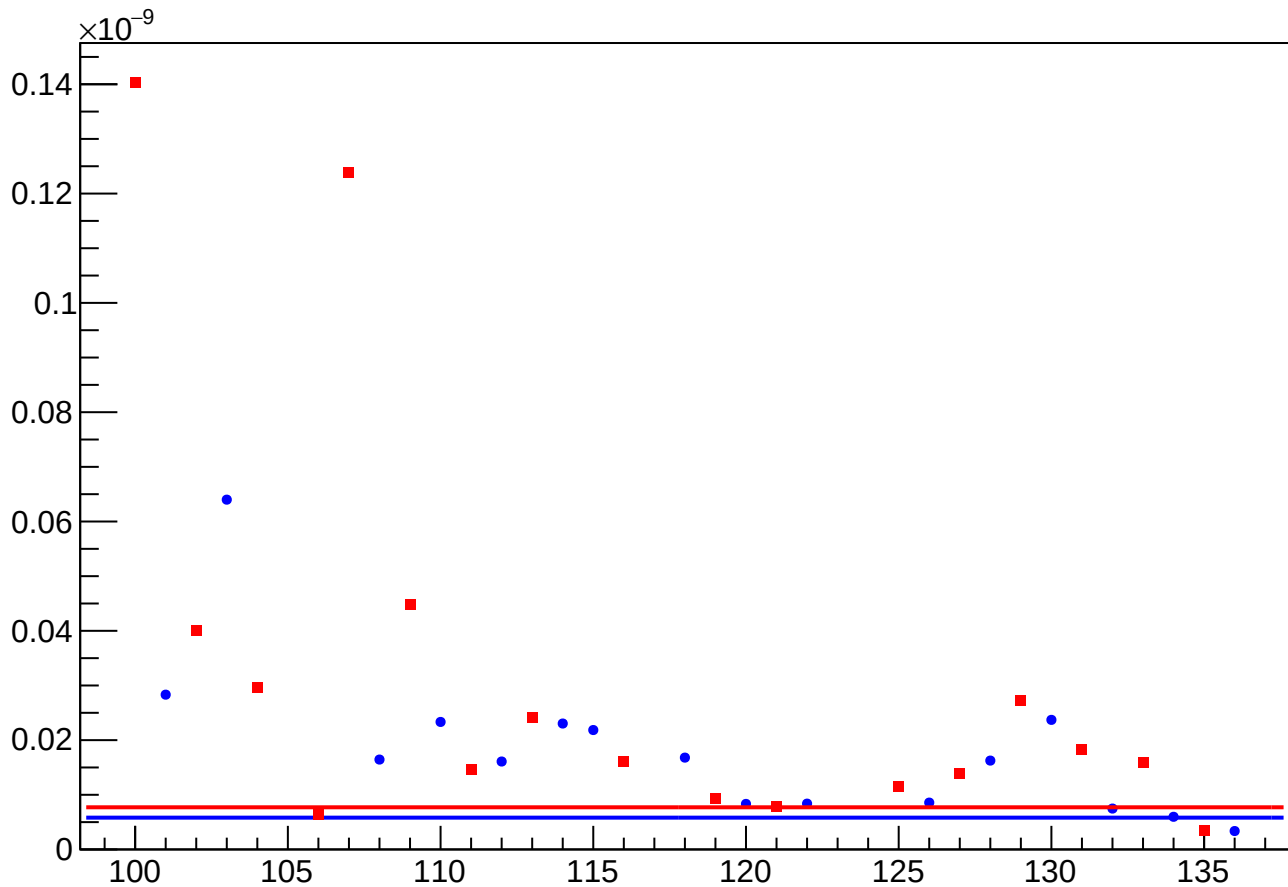
Right: -0.000+/-0.000 χ^2/NDF : 39.7/32

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 : 39.7/32

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 : 3556484.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

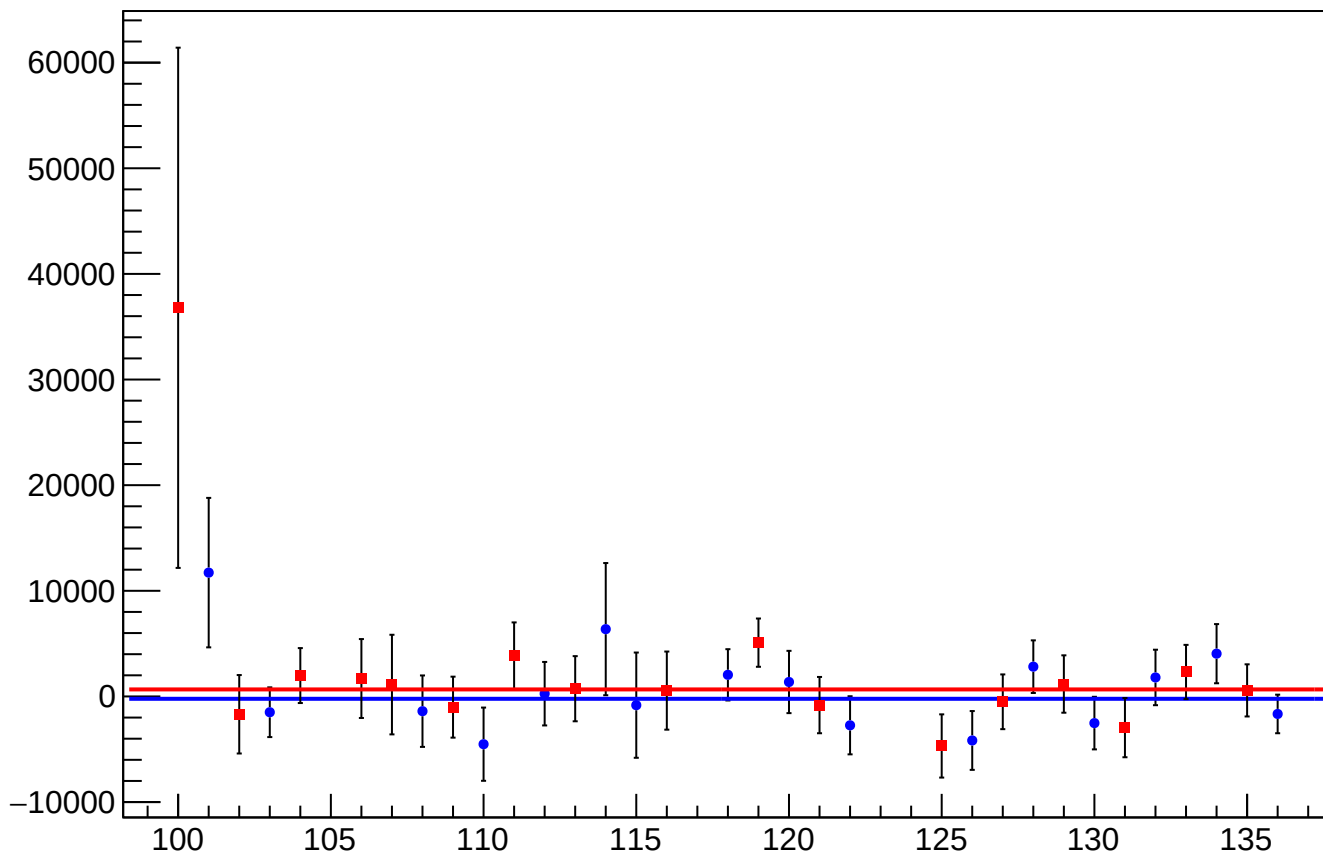
Right: 0.000+/-0.000 χ^2/NDF : 7019679.3/32

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 : 7019679.3/32

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: 664.951+/-724.012 χ^2/NDF : 13.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

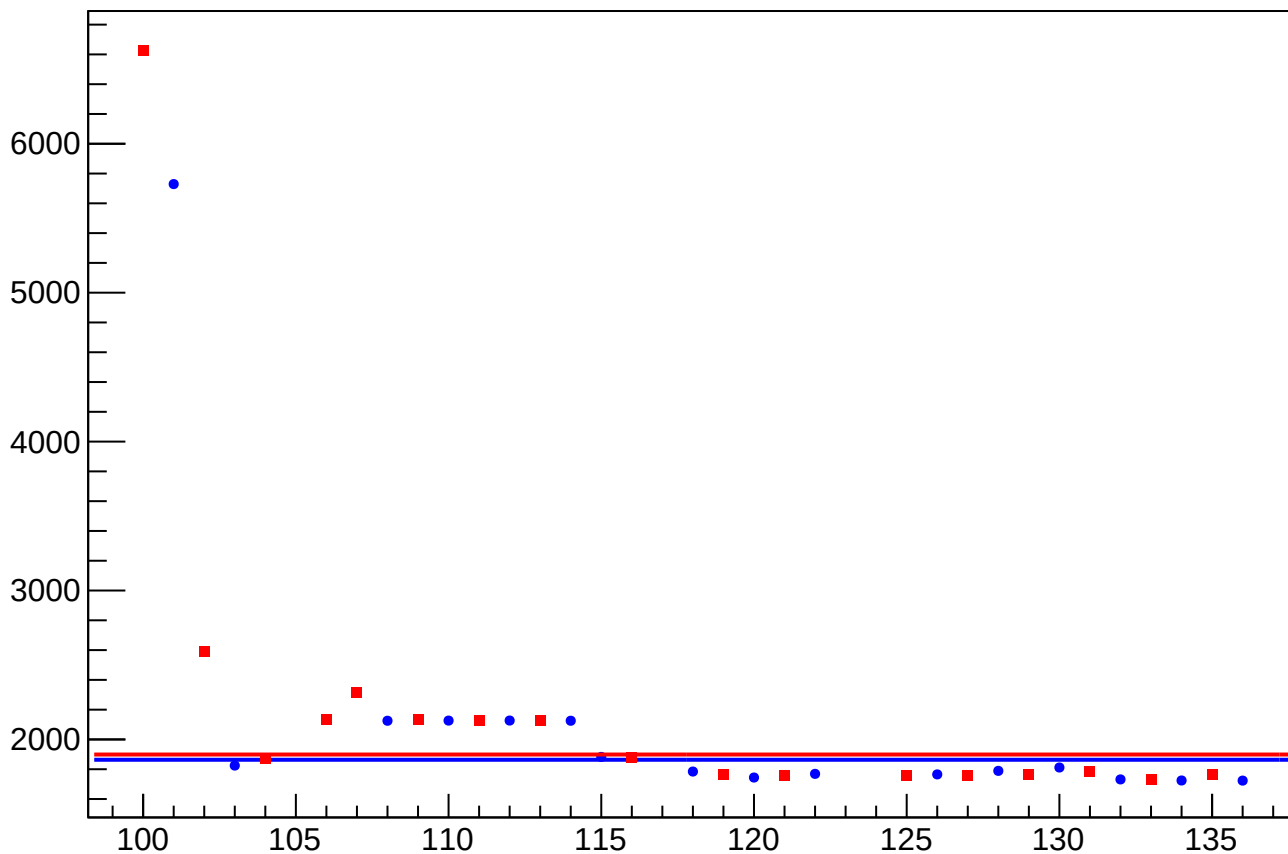
Right: 211.779+/-506.618 χ^2/NDF : 30.4/32

In: -222.980+/-709.150 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.779+/-506.618 χ^2/NDF : 30.4/32

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: 1898.714+/-0.512 χ^2/NDF : 247711.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

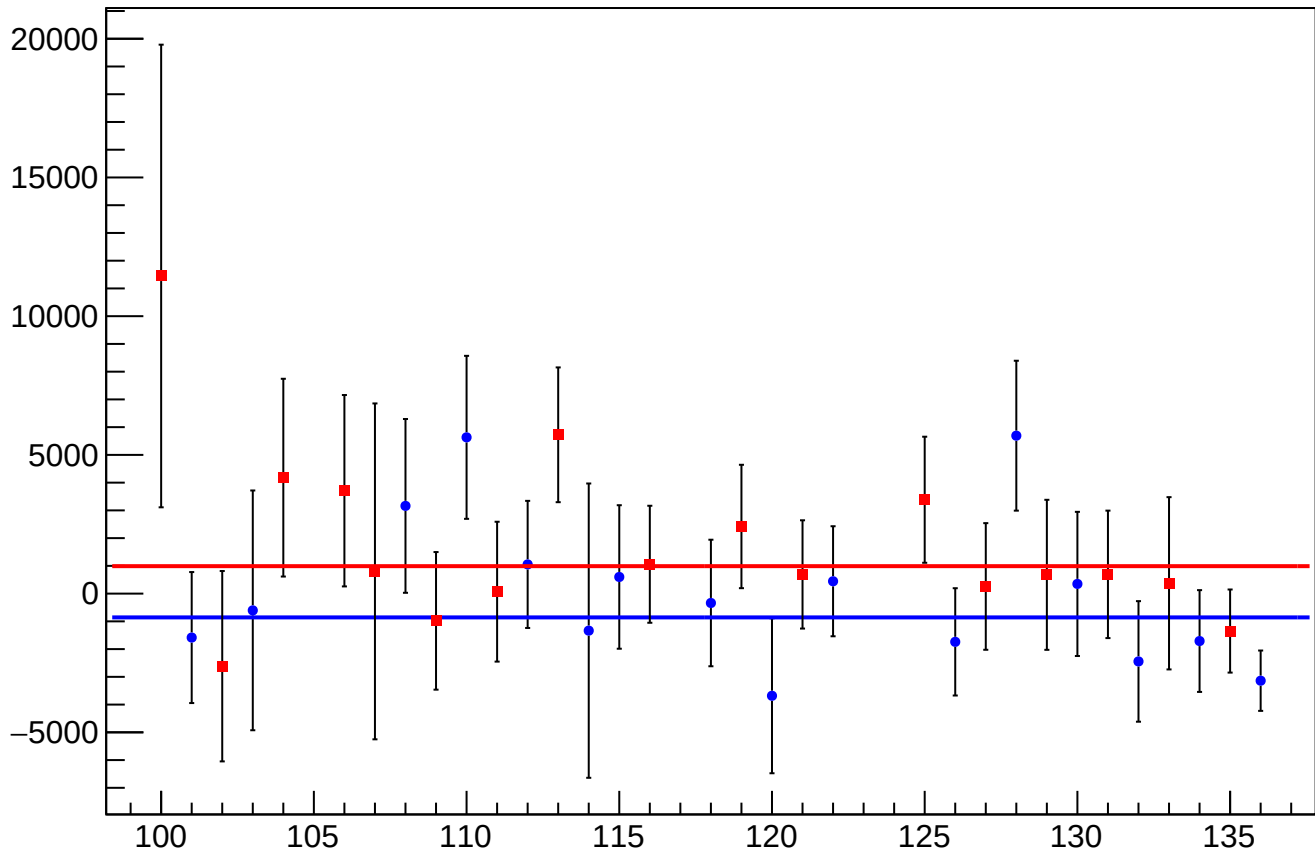
Right: 1880.783+/-0.358 χ^2/NDF : 924780.6/32

In: 1863.581+/-0.501 χ^2/NDF : 674665.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1880.783+/-0.358 χ^2/NDF : 924780.6/32

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: 989.574+/-605.206 χ^2 /NDF: 12.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

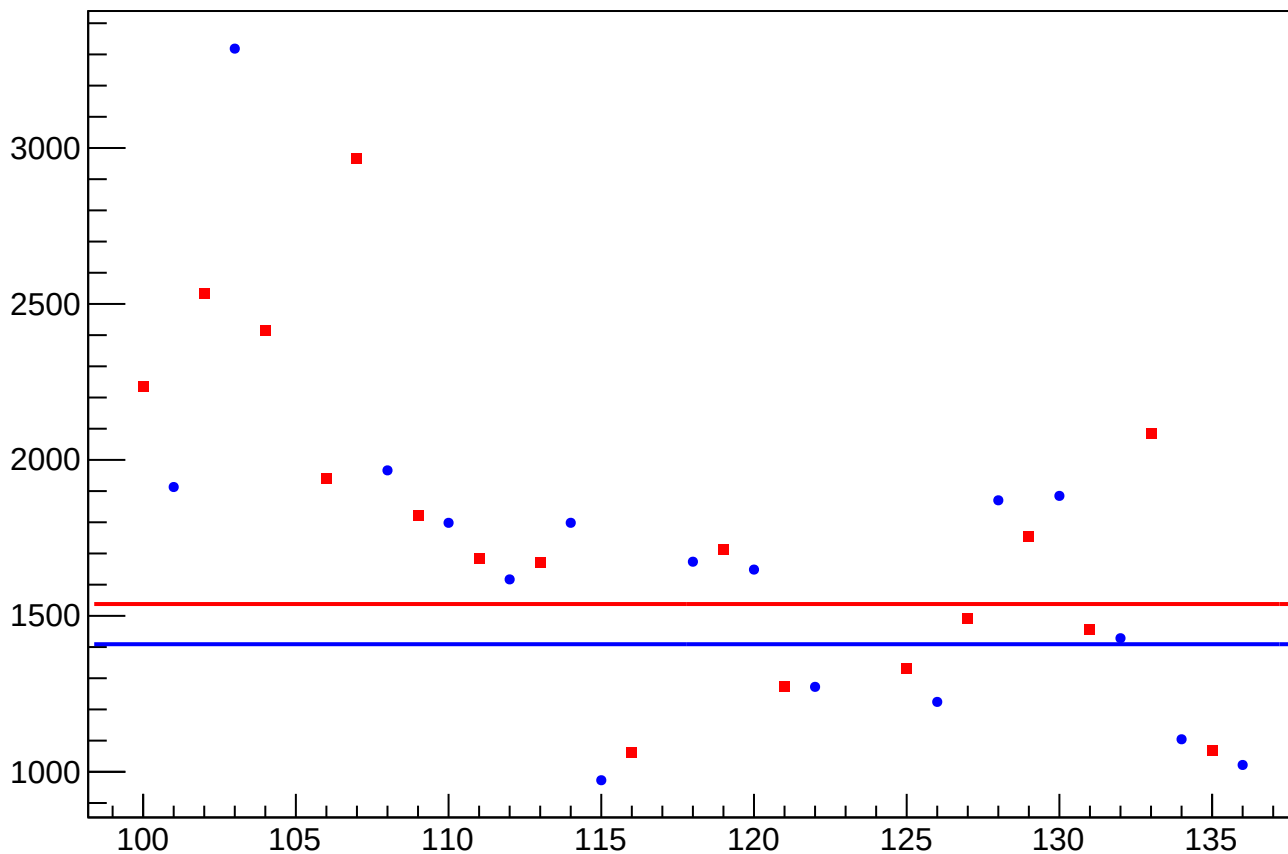
Right: -22.266+/-406.945 χ^2 /NDF: 38.5/32

In: -857.294+/-549.791 χ^2 /NDF:20.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -22.266+/-406.945 χ^2 /NDF: 38.5/32

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: 1537.909+/-0.428 χ^2/NDF : 921727.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

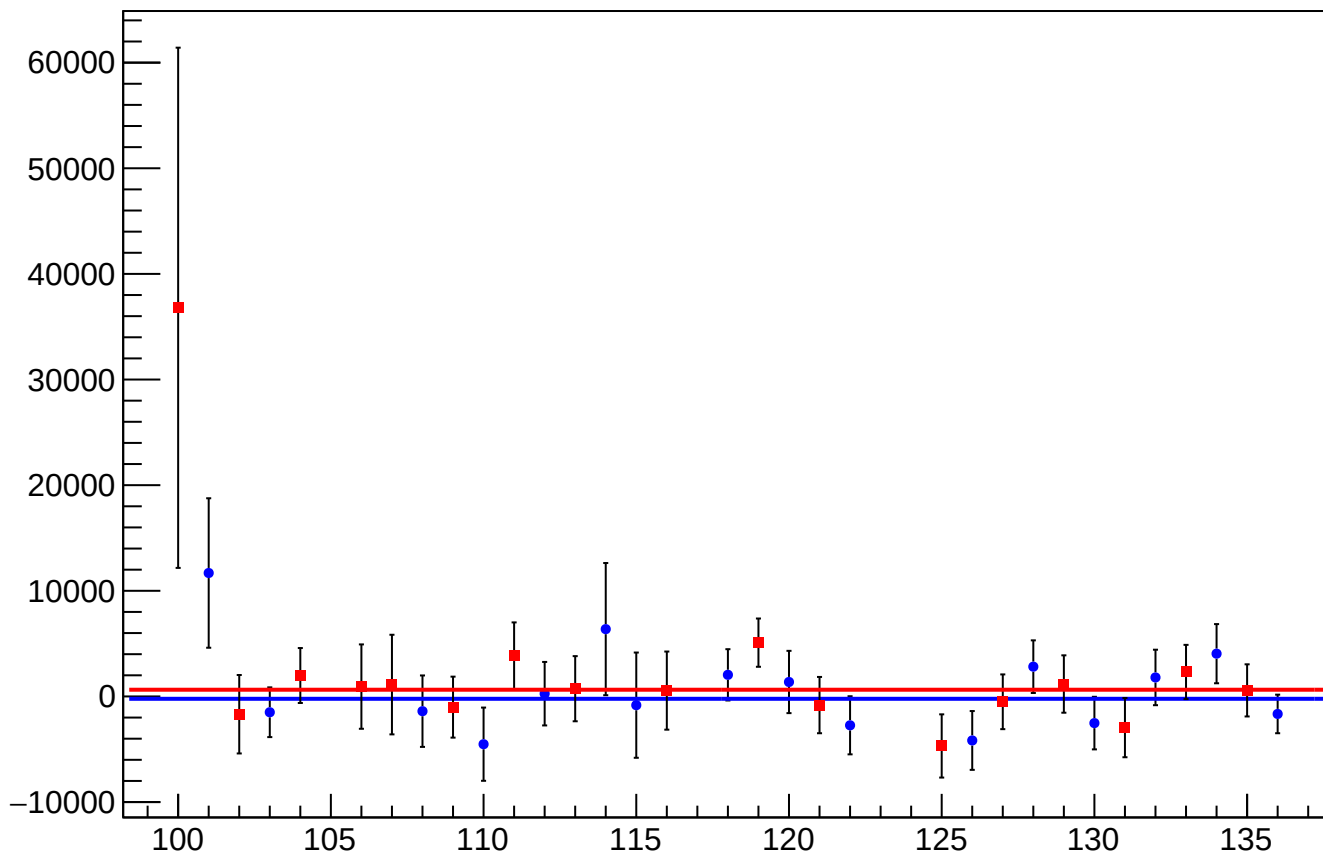
Right: 1467.336+/-0.288 χ^2/NDF : 2139072.2/32

In: 1409.096+/-0.389 χ^2/NDF : 1167706.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1467.336+/-0.288 χ^2/NDF : 2139072.2/32

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: 635.427+/-725.723 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

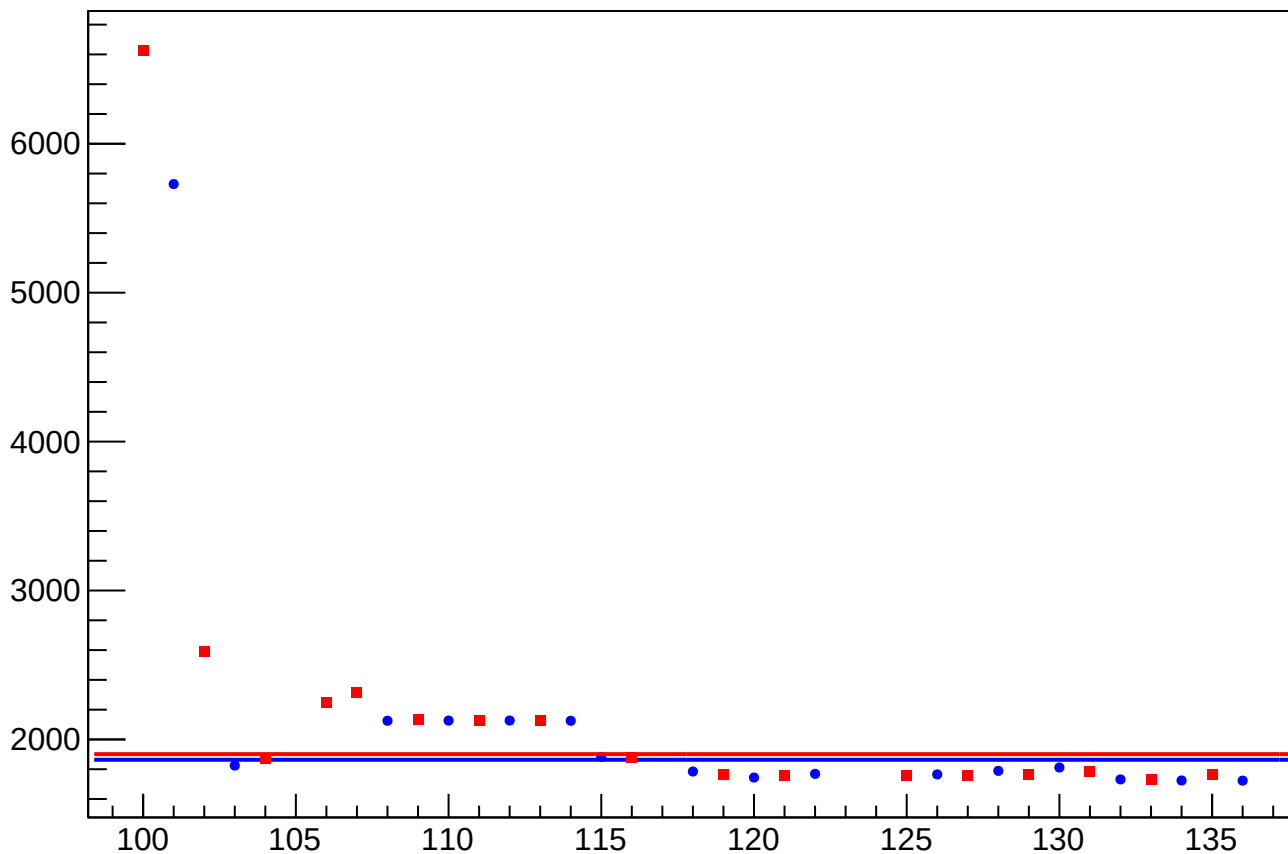
Right: 195.915+/-507.203 χ^2/NDF : 30.3/32

In: -223.754+/-709.151 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.915+/-507.203 χ^2/NDF : 30.3/32

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: 1901.461+/-0.513 χ^2/NDF : 255247.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

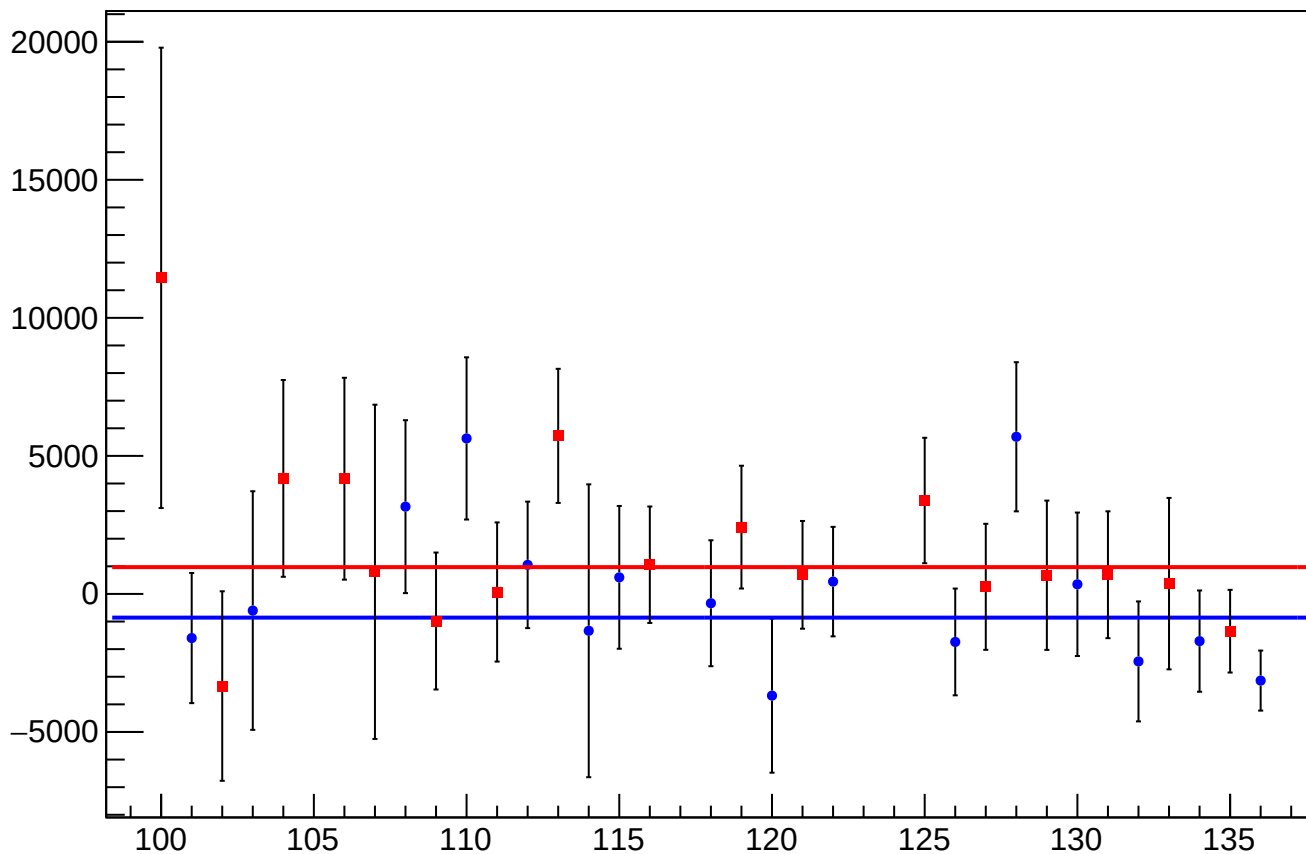
Right: 1882.084+/-0.359 χ^2/NDF : 932700.2/32

In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.084+/-0.359 χ^2/NDF : 932700.2/32

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: 970.913+/-606.230 χ^2/NDF : 13.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

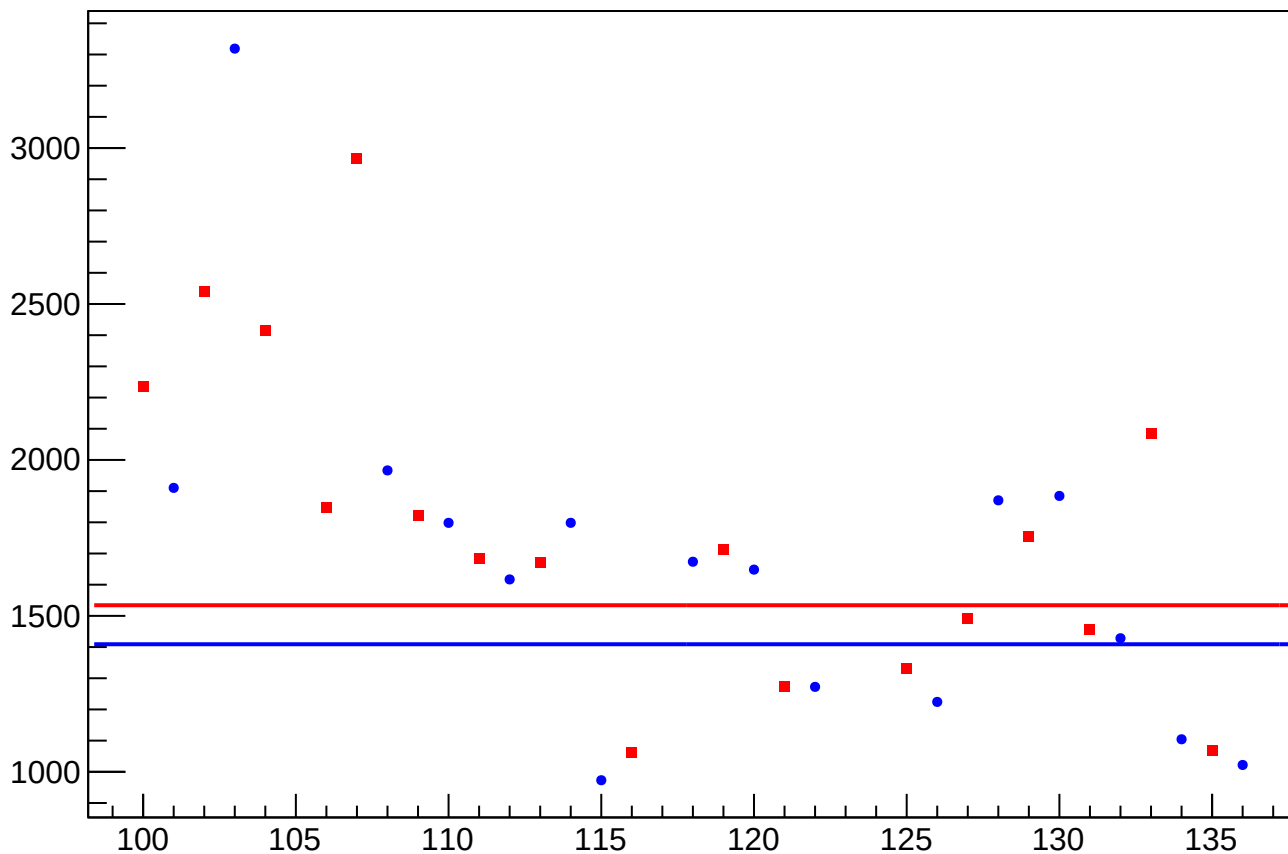
Right: -32.755+/-407.239 χ^2/NDF : 39.1/32

In: -858.115+/-549.748 χ^2/NDF :20.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -32.755+/-407.239 χ^2/NDF : 39.1/32

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: 1534.113+/-0.429 χ^2/NDF : 910633.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

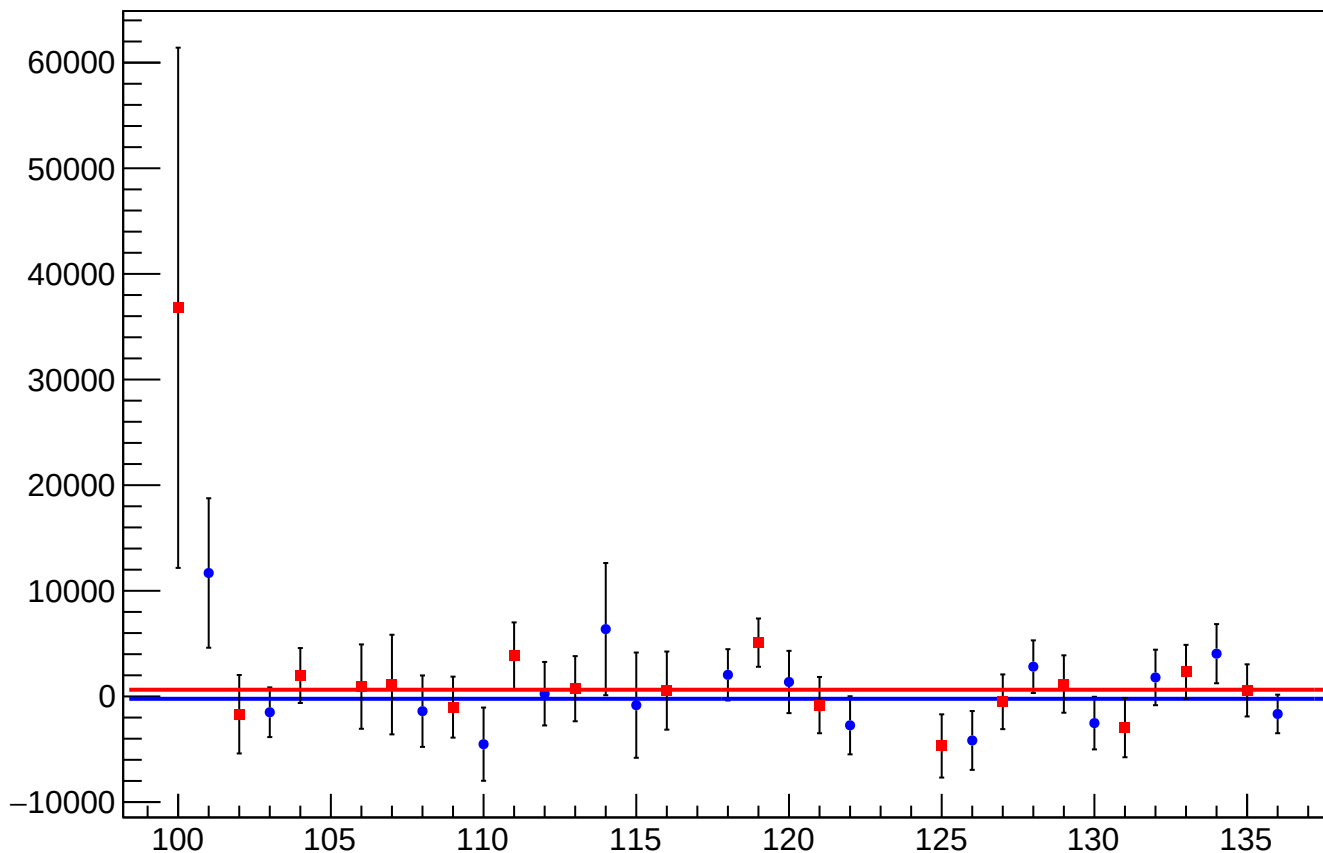
Right: 1465.468+/-0.288 χ^2/NDF : 2124429.3/32

In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.468+/-0.288 χ^2/NDF : 2124429.3/32

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: 635.427+/-725.723 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

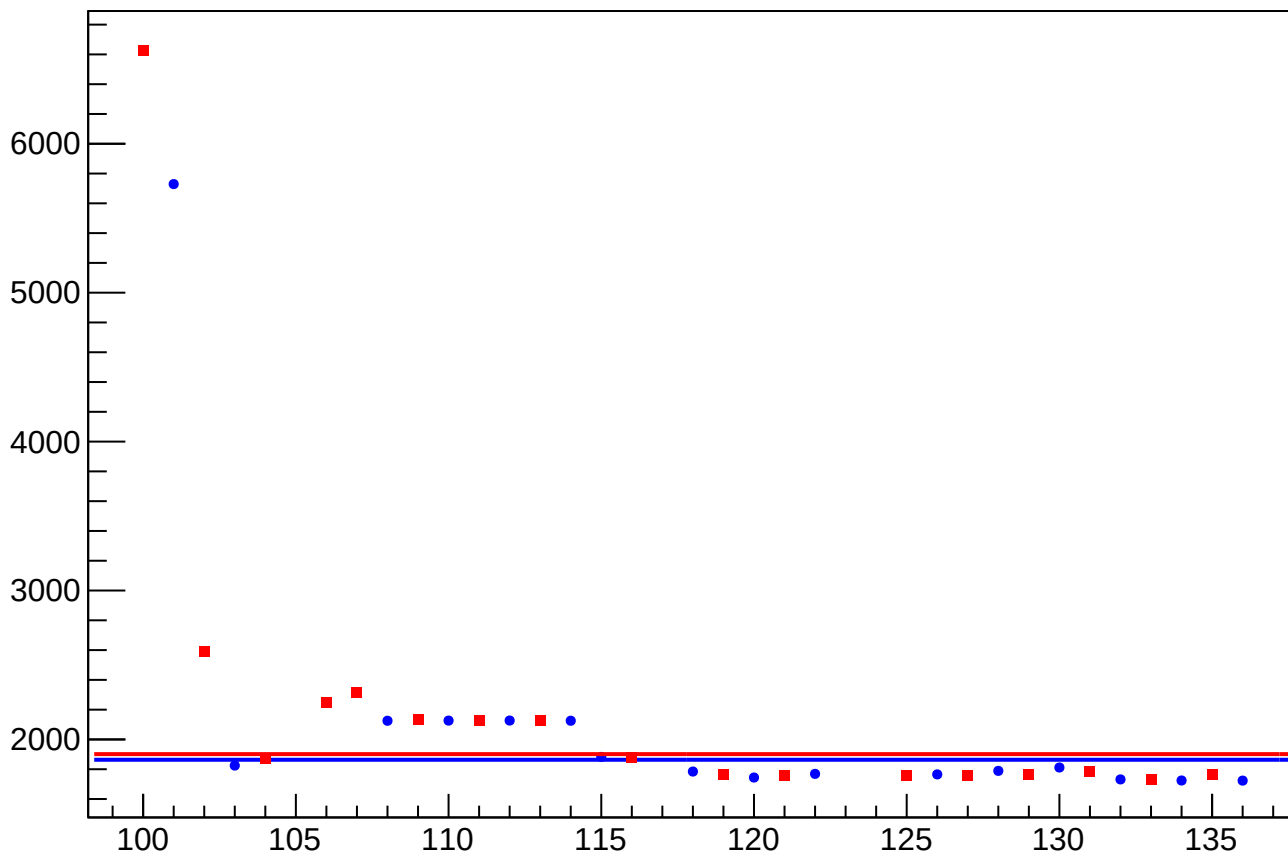
Right: 195.915+/-507.203 χ^2/NDF : 30.3/32

In: -223.754+/-709.151 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.915+/-507.203 χ^2/NDF : 30.3/32

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: 1901.461+/-0.513 χ^2/NDF : 255247.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

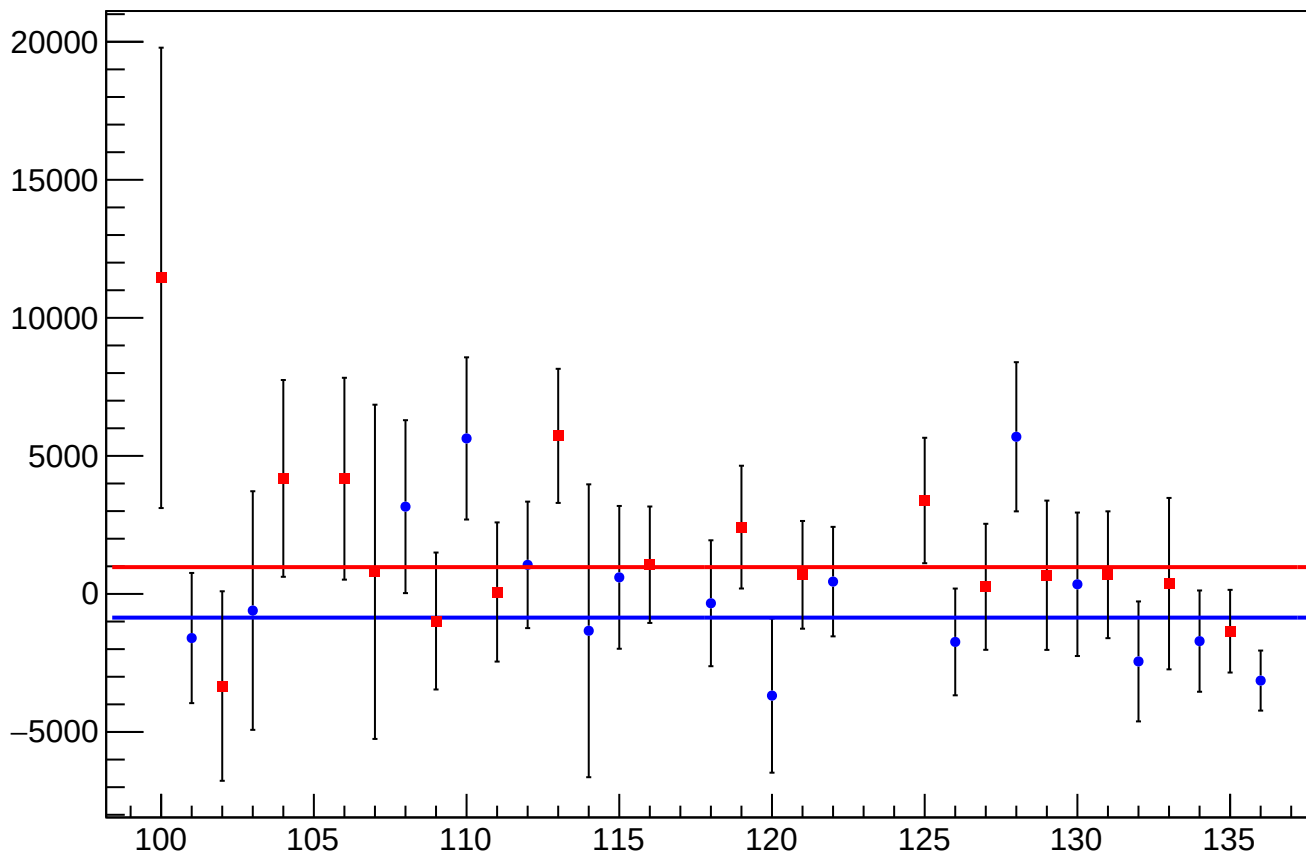
Right: 1882.084+/-0.359 χ^2/NDF : 932700.2/32

In: 1863.581+/-0.501 χ^2/NDF : 674665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1882.084+/-0.359 χ^2/NDF : 932700.2/32

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: 970.913+/-606.230 χ^2 /NDF: 13.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

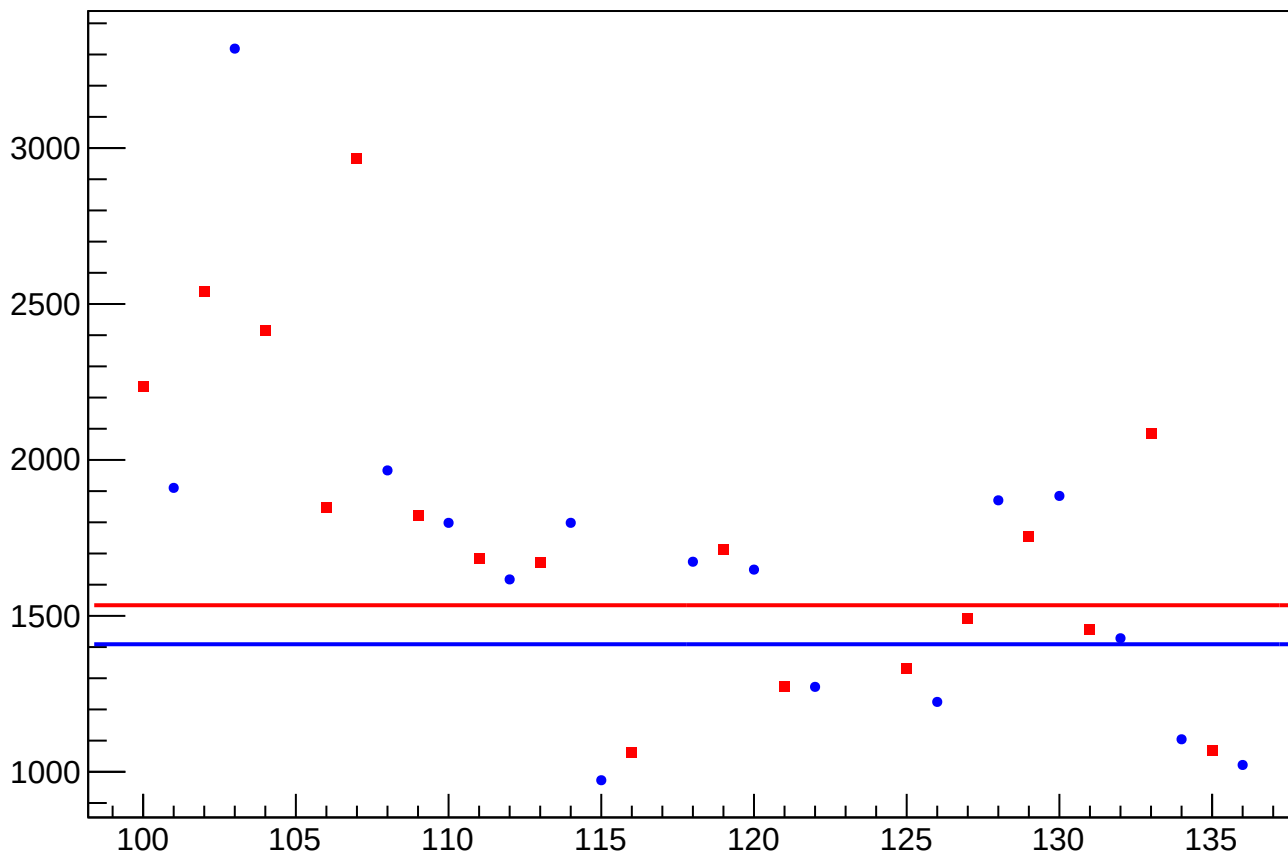
Right: -32.755+/-407.239 χ^2 /NDF: 39.1/32

In: -858.115+/-549.748 χ^2 /NDF:20.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -32.755+/-407.239 χ^2 /NDF: 39.1/32

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: 1534.113+/-0.429 χ^2/NDF : 910633.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

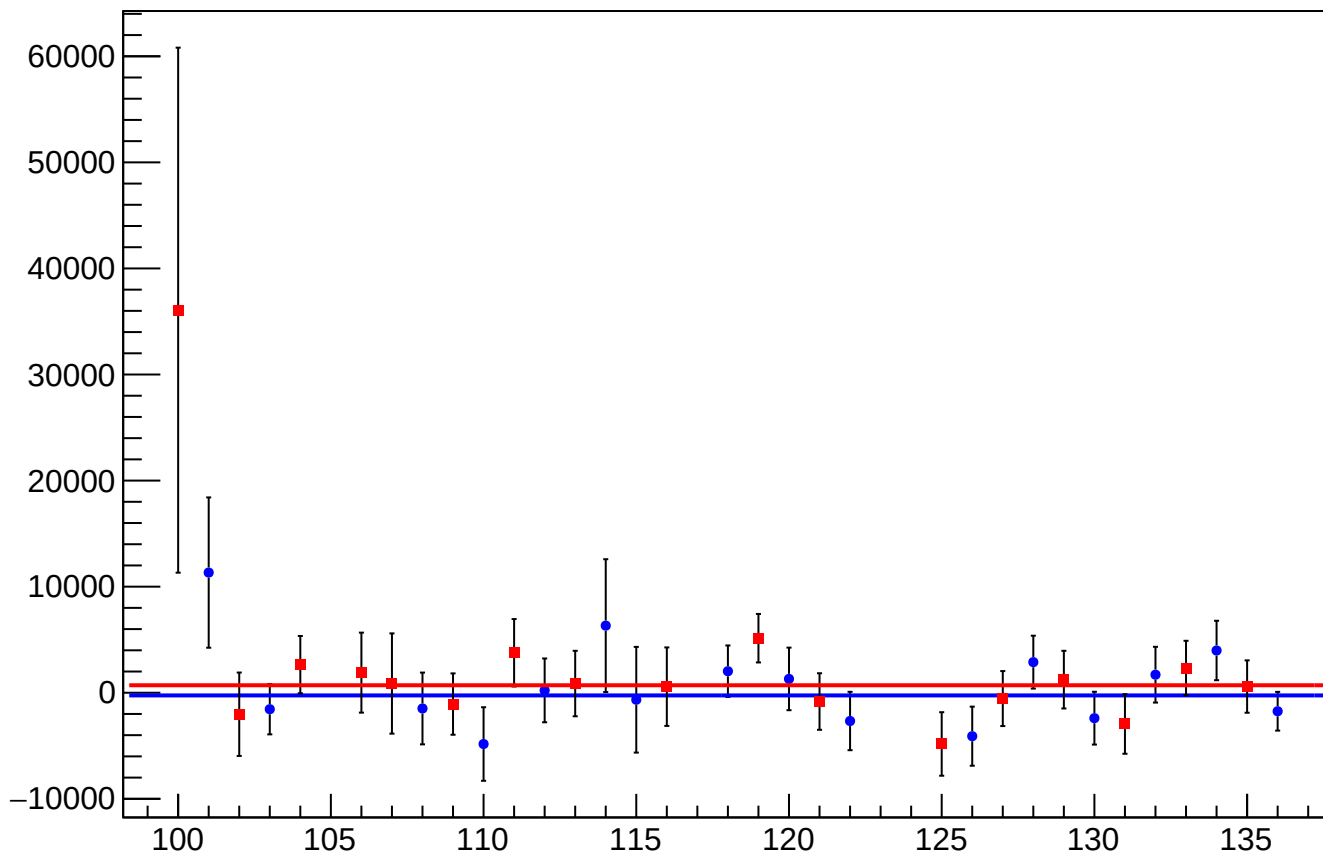
Right: 1465.468+/-0.288 χ^2/NDF : 2124429.3/32

In: 1409.018+/-0.389 χ^2/NDF : 1167065.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1465.468+/-0.288 χ^2/NDF : 2124429.3/32

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: 705.510+/-728.185 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

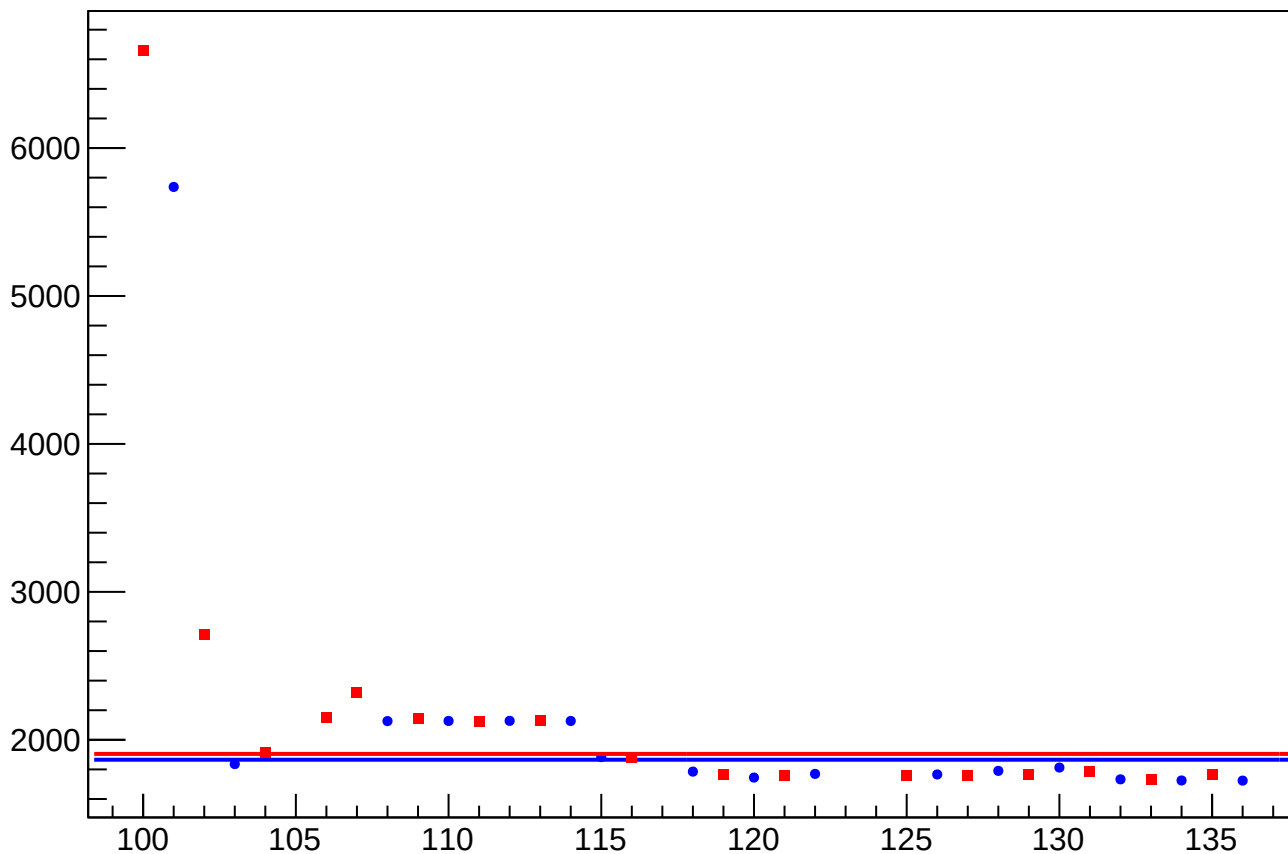
Right: 214.619+/-508.343 χ^2/NDF : 30.9/32

In: -252.024+/-709.973 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.619+/-508.343 χ^2/NDF : 30.9/32

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: 1904.701+/-0.515 χ^2/NDF : 265067.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

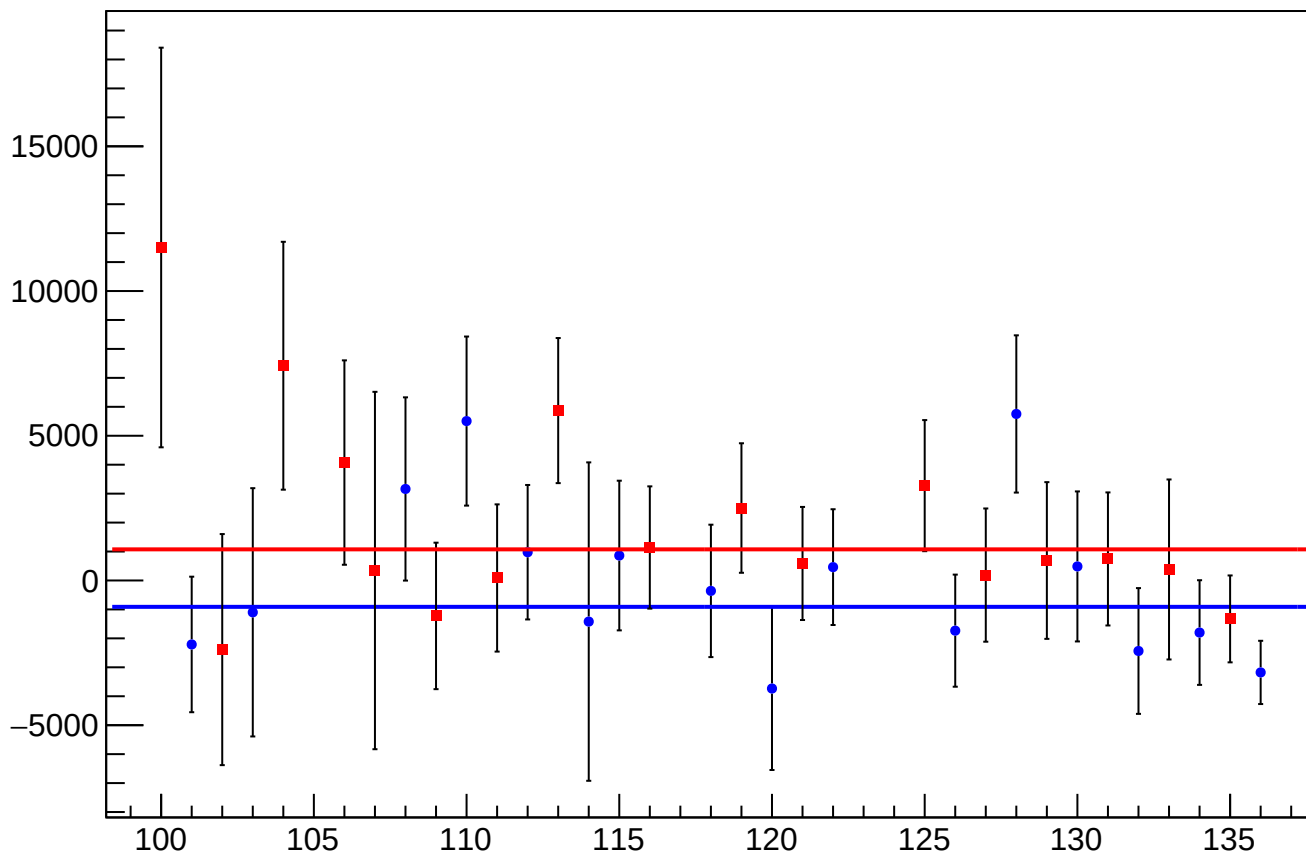
Right: 1884.573+/-0.359 χ^2/NDF : 943037.3/32

In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.573+/-0.359 χ^2/NDF : 943037.3/32

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: 1075.024+/-613.443 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

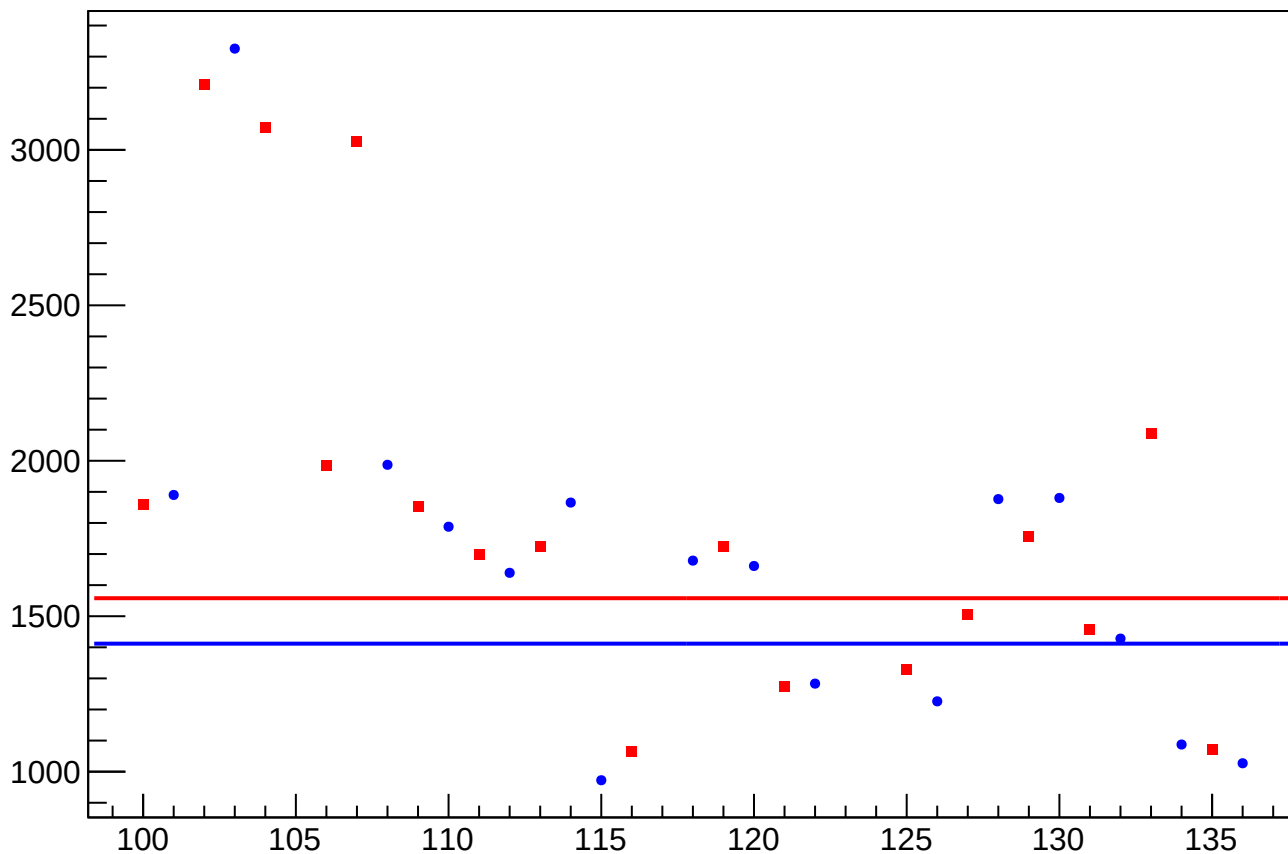
Right: -24.451+/-409.853 χ^2/NDF : 41.6/32

In: -910.955+/-550.836 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.451+/-409.853 χ^2/NDF : 41.6/32

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: 1557.929+/-0.434 χ^2/NDF : 1246796.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

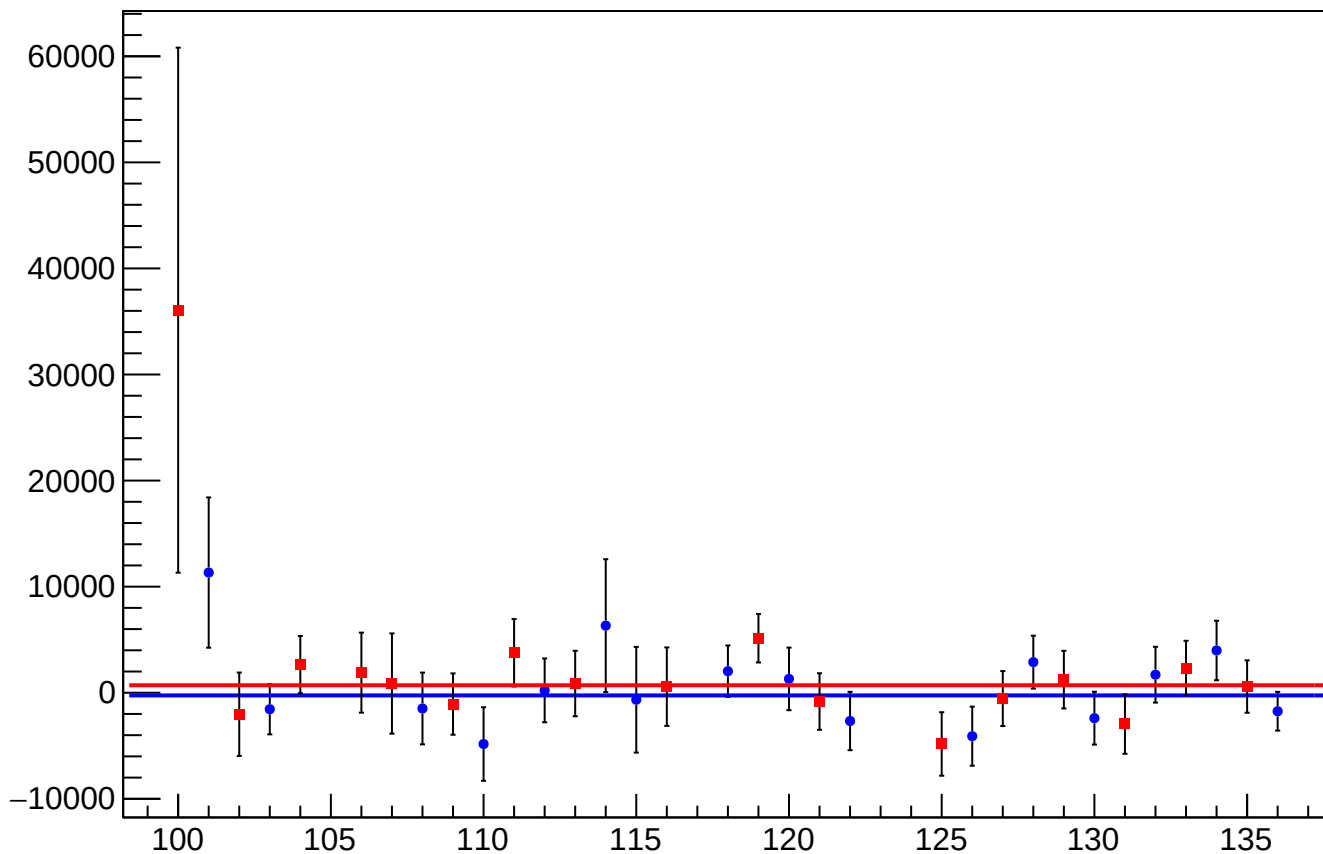
Right: 1477.001+/-0.290 χ^2/NDF : 2487416.0/32

In: 1411.748+/-0.389 χ^2/NDF : 1177745.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1477.001+/-0.290 χ^2/NDF : 2487416.0/32

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: 705.510+/-728.185 χ^2/NDF : 14.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

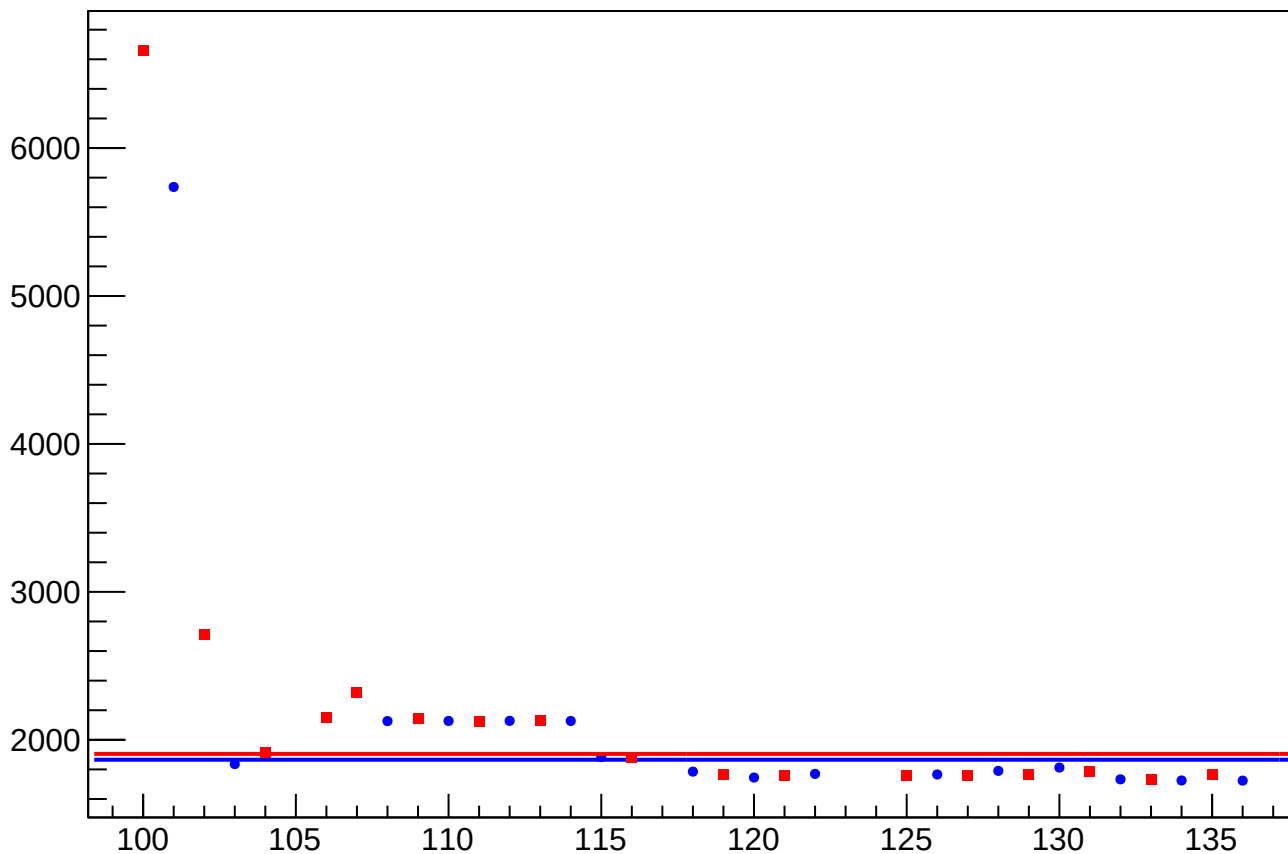
Right: 214.619+/-508.343 χ^2/NDF : 30.9/32

In: -252.023+/-709.973 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.619+/-508.343 χ^2/NDF : 30.9/32

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: 1904.701+/-0.515 χ^2/NDF : 265066.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

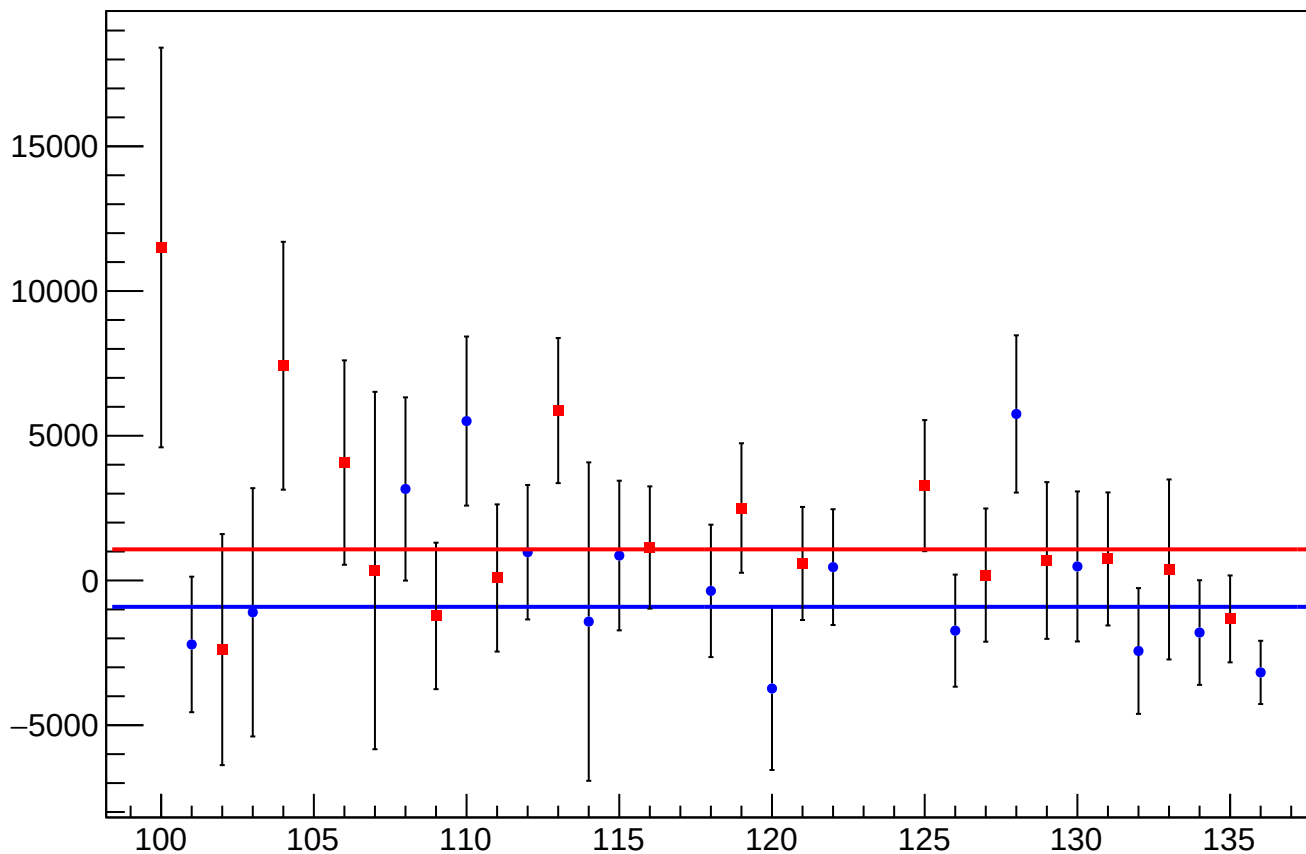
Right: 1884.573+/-0.359 χ^2/NDF : 943037.1/32

In: 1865.440+/-0.502 χ^2/NDF : 674989.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1884.573+/-0.359 χ^2/NDF : 943037.1/32

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: 1075.022+/-613.442 χ^2/NDF : 14.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

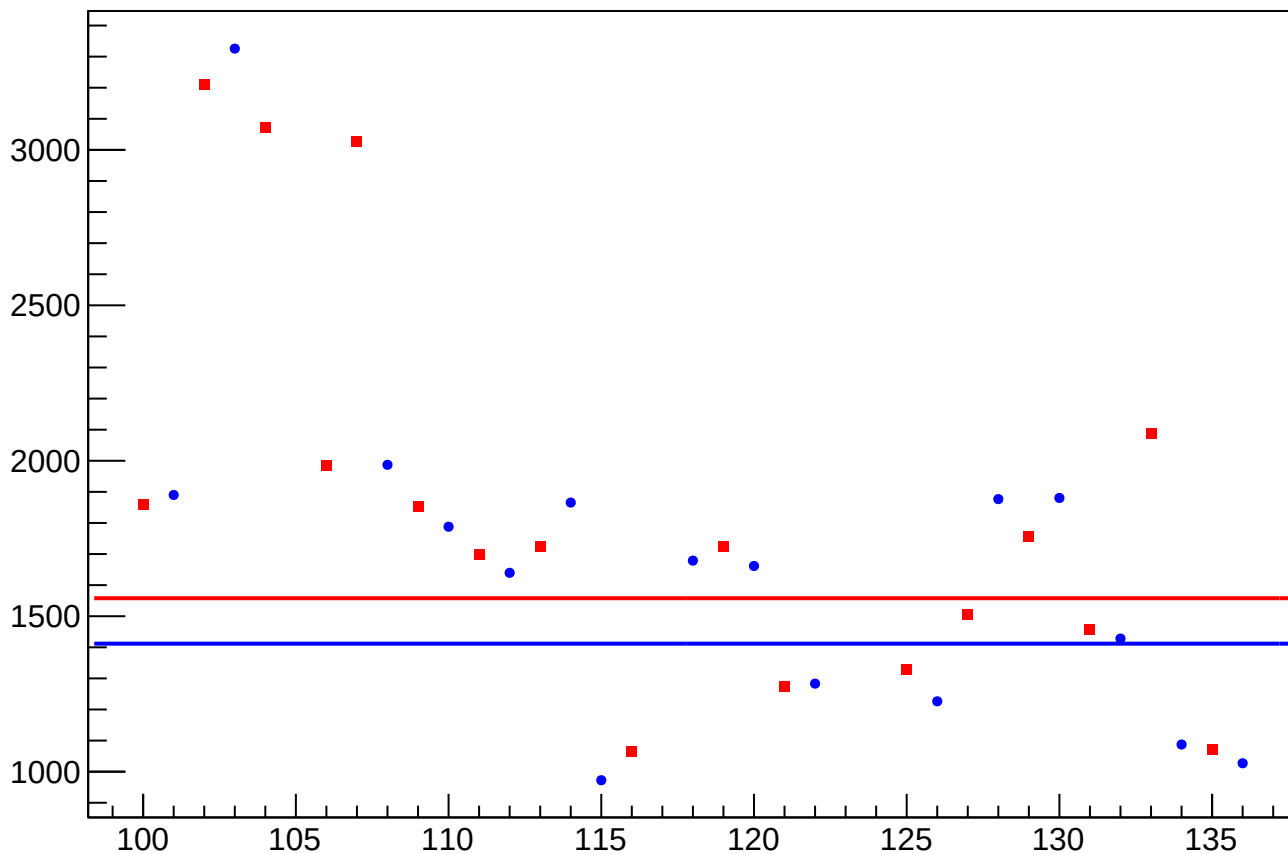
Right: -24.449+/-409.852 χ^2/NDF : 41.6/32

In: -910.950+/-550.835 χ^2/NDF :21.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.449+/-409.852 χ^2/NDF : 41.6/32

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: 1557.926+/-0.434 χ^2/NDF : 1246801.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

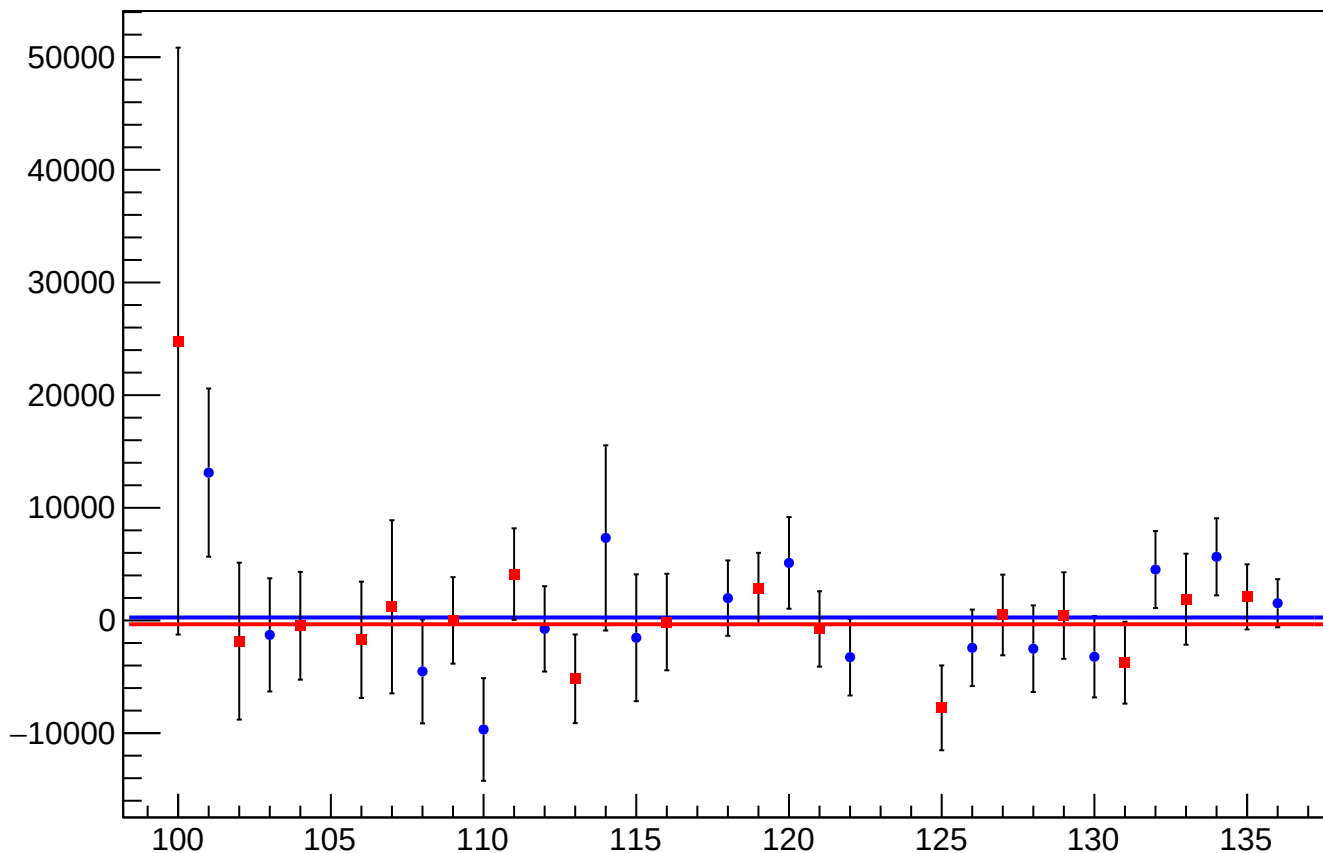
Right: 1476.997+/-0.290 χ^2/NDF : 2487422.0/32

In: 1411.745+/-0.389 χ^2/NDF : 1177746.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1476.997+/-0.290 χ^2/NDF : 2487422.0/32

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: -338.451+/-986.407 χ^2/NDF : 10.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

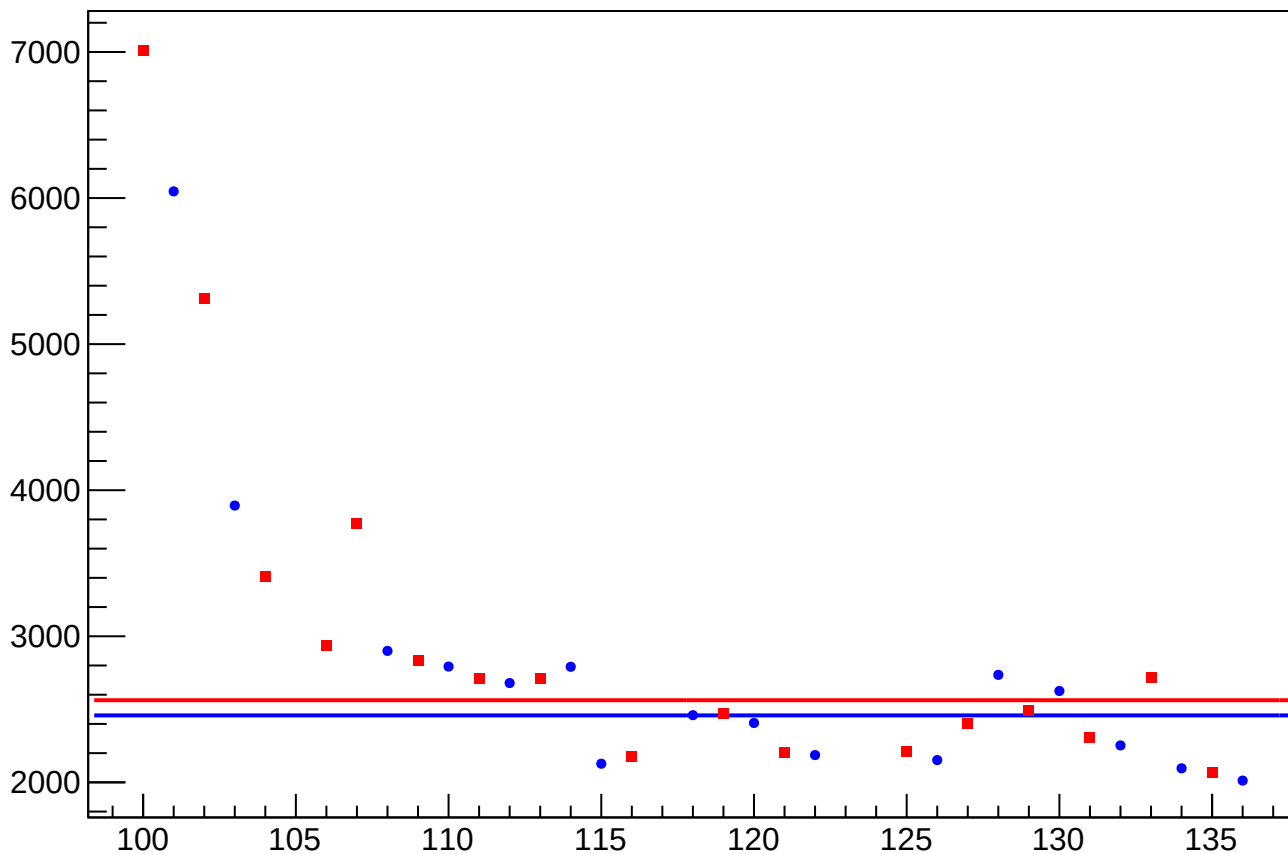
Right: -23.153+/-681.245 χ^2/NDF : 29.9/32

In: 264.383+/-941.979 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.153+/-681.245 χ^2/NDF : 29.9/32

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: 2562.264+/-0.697 χ^2/NDF : 642671.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

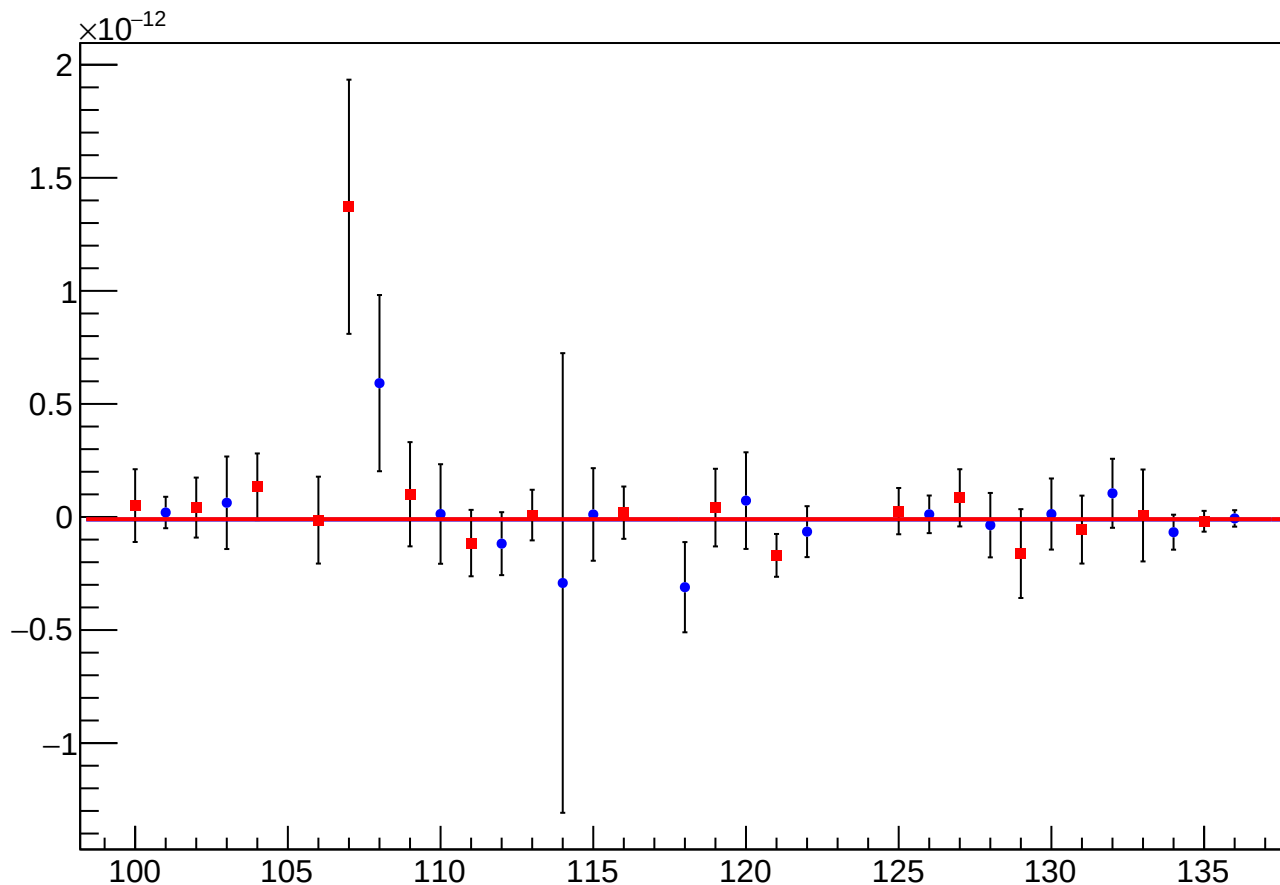
Right: 2507.905+/-0.482 χ^2/NDF : 1487173.1/32

In: 2458.332+/-0.666 χ^2/NDF : 832888.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2507.905+/-0.482 χ^2/NDF : 1487173.1/32

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: 12.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

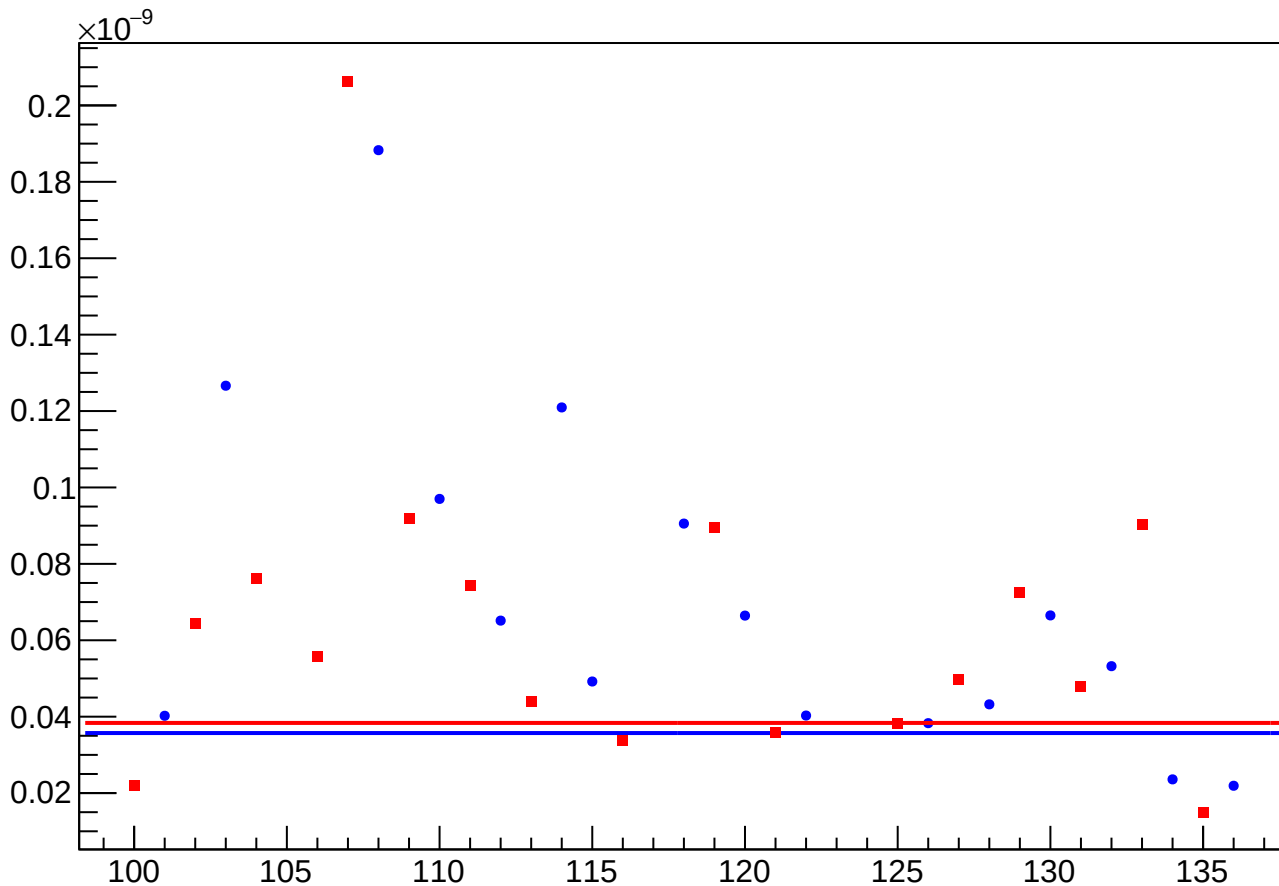
Right: -0.000+/-0.000 χ^2 /NDF: 19.8/32

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: 19.8/32

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 : 1577756.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

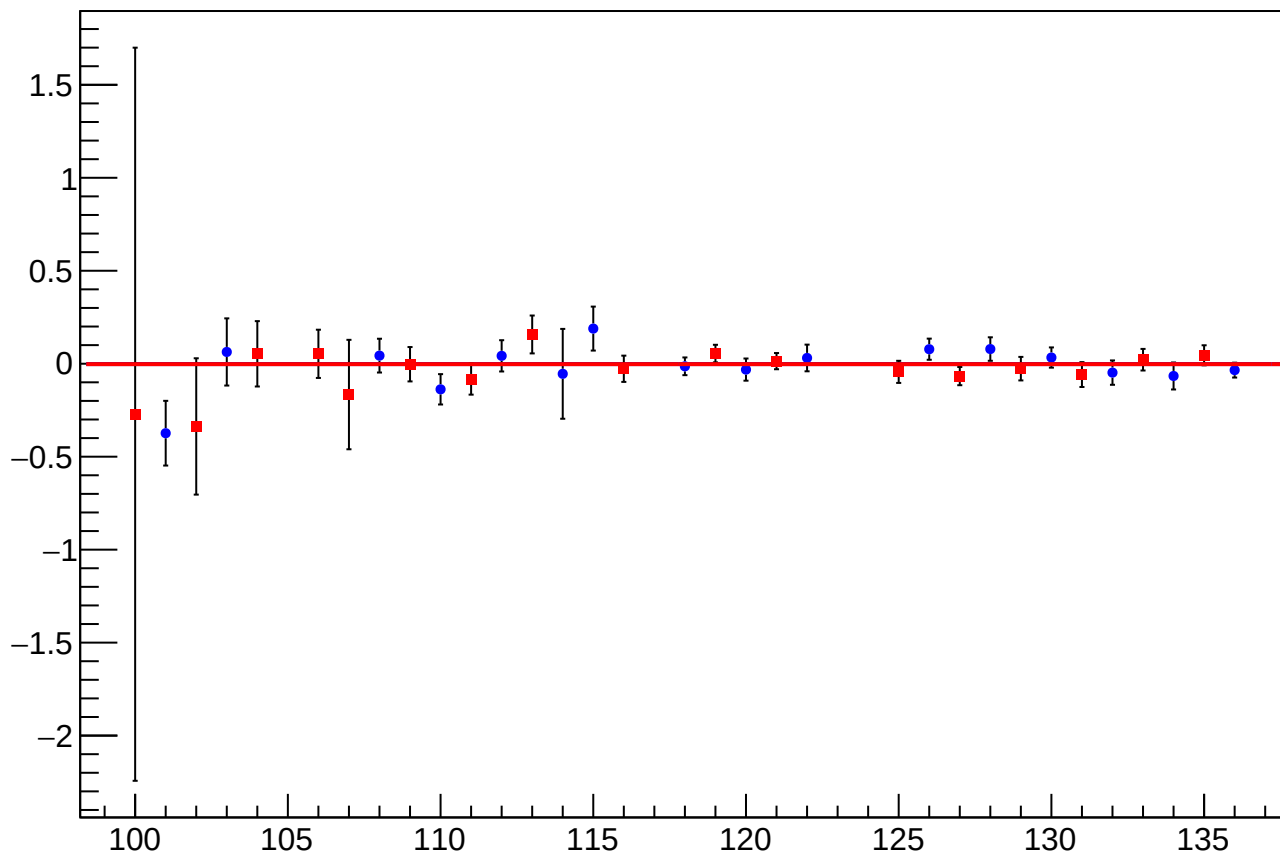
Right: 0.000+/-0.000 χ^2/NDF : 3208032.2/32

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 : 3208032.2/32

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: -0.002 $\pm$ 0.017 χ^2 /NDF: 10.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

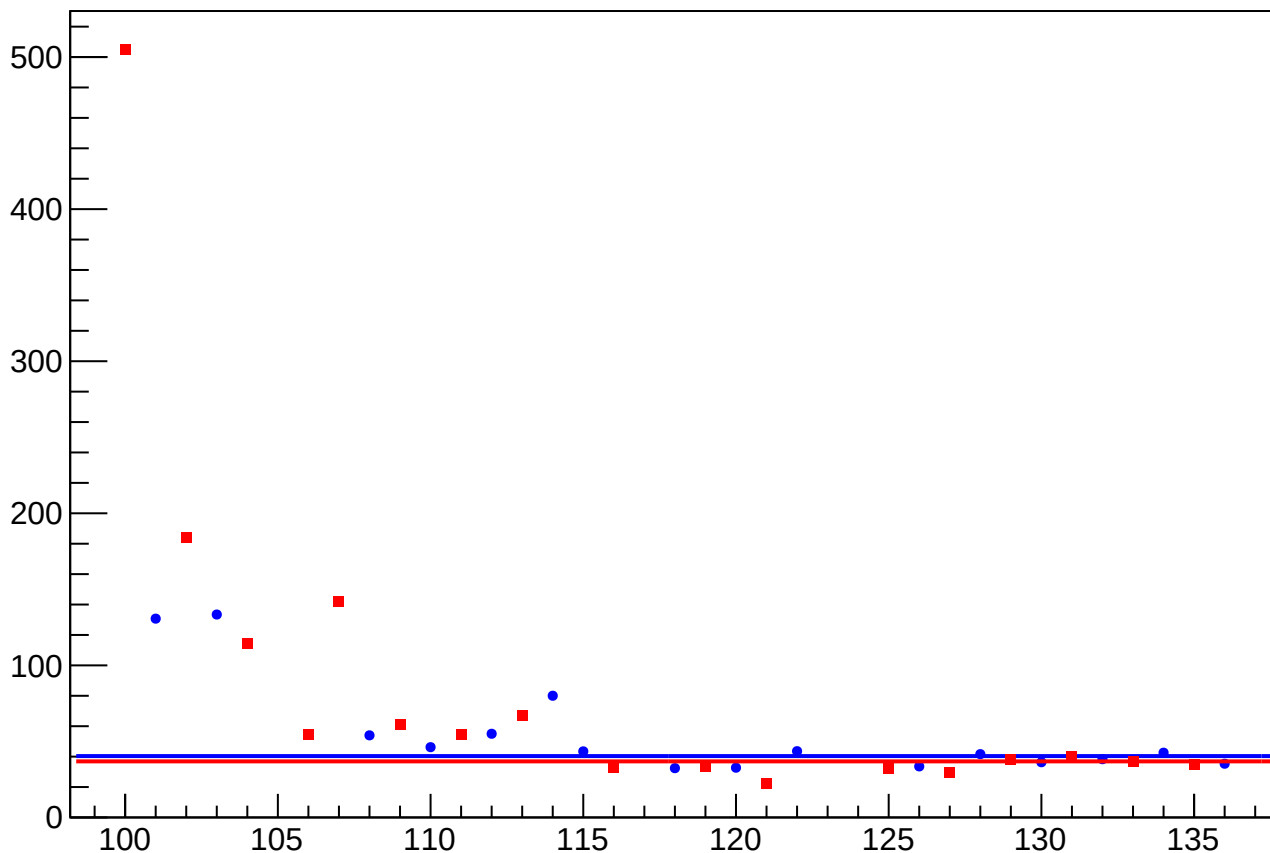
Right: -0.002 $\pm$ 0.012 χ^2 /NDF: 27.7/32

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: -0.002 $\pm$ 0.012 χ^2 /NDF: 27.7/32

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: 36.876+/-0.012 χ^2/NDF : 1836663.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

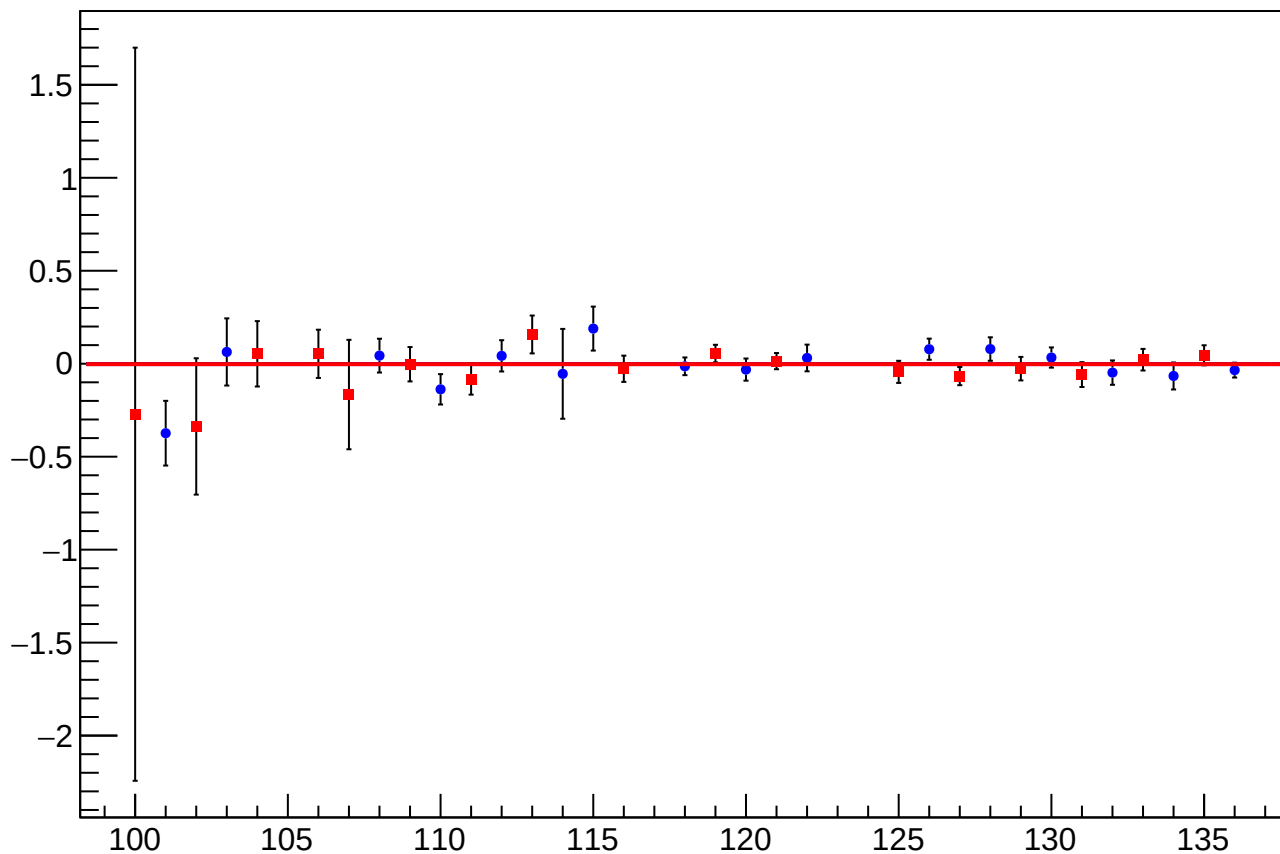
Right: 38.607+/-0.009 χ^2/NDF : 3288368.1/32

In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.607+/-0.009 χ^2/NDF : 3288368.1/32

asym_us_dd_at1lr_dd_dd_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: -0.002 ± 0.017 $\chi^2/\text{NDF}: 10.5/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

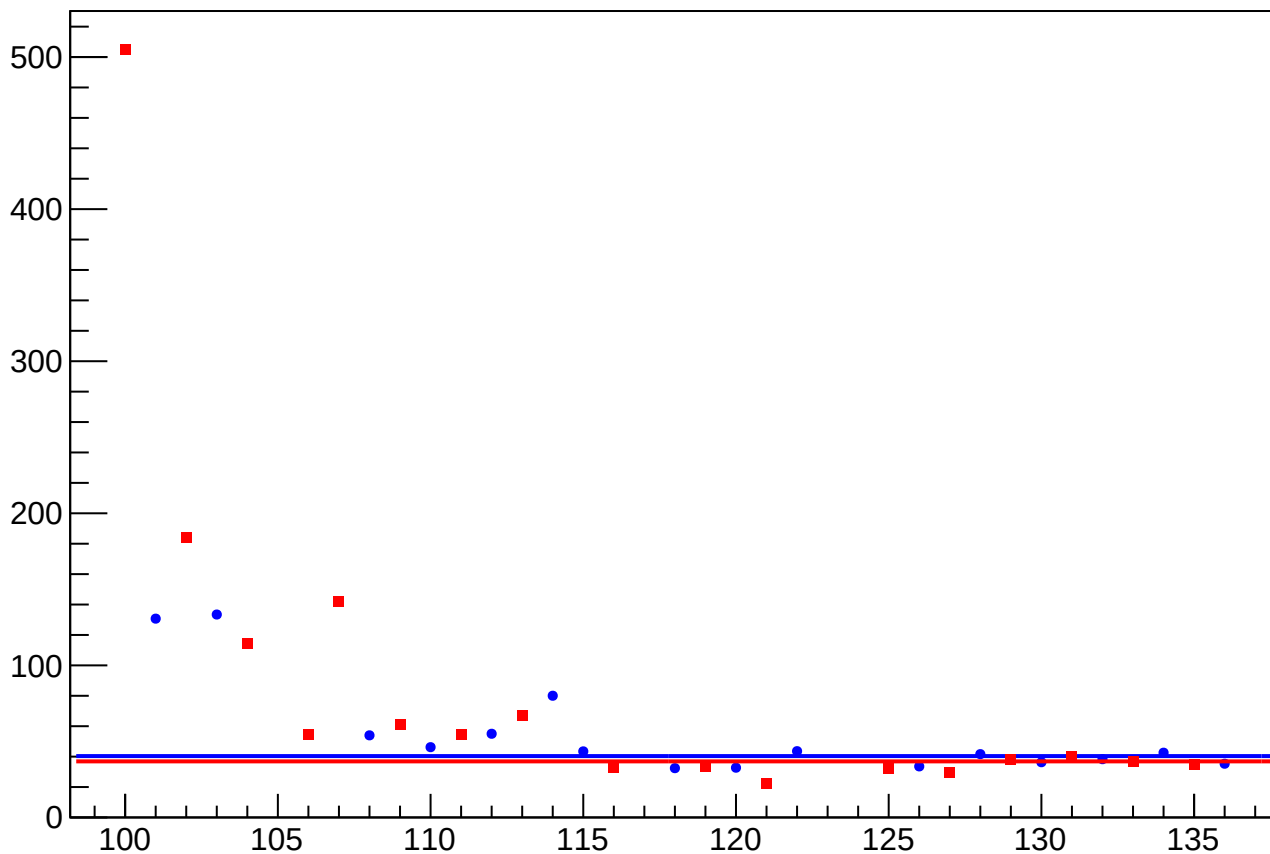
Right: -0.002 ± 0.012 $\chi^2/\text{NDF}: 27.7/32$

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: -0.002 ± 0.012 $\chi^2/\text{NDF}: 27.7/32$

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: 36.876+/-0.012 χ^2/NDF : 1836663.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

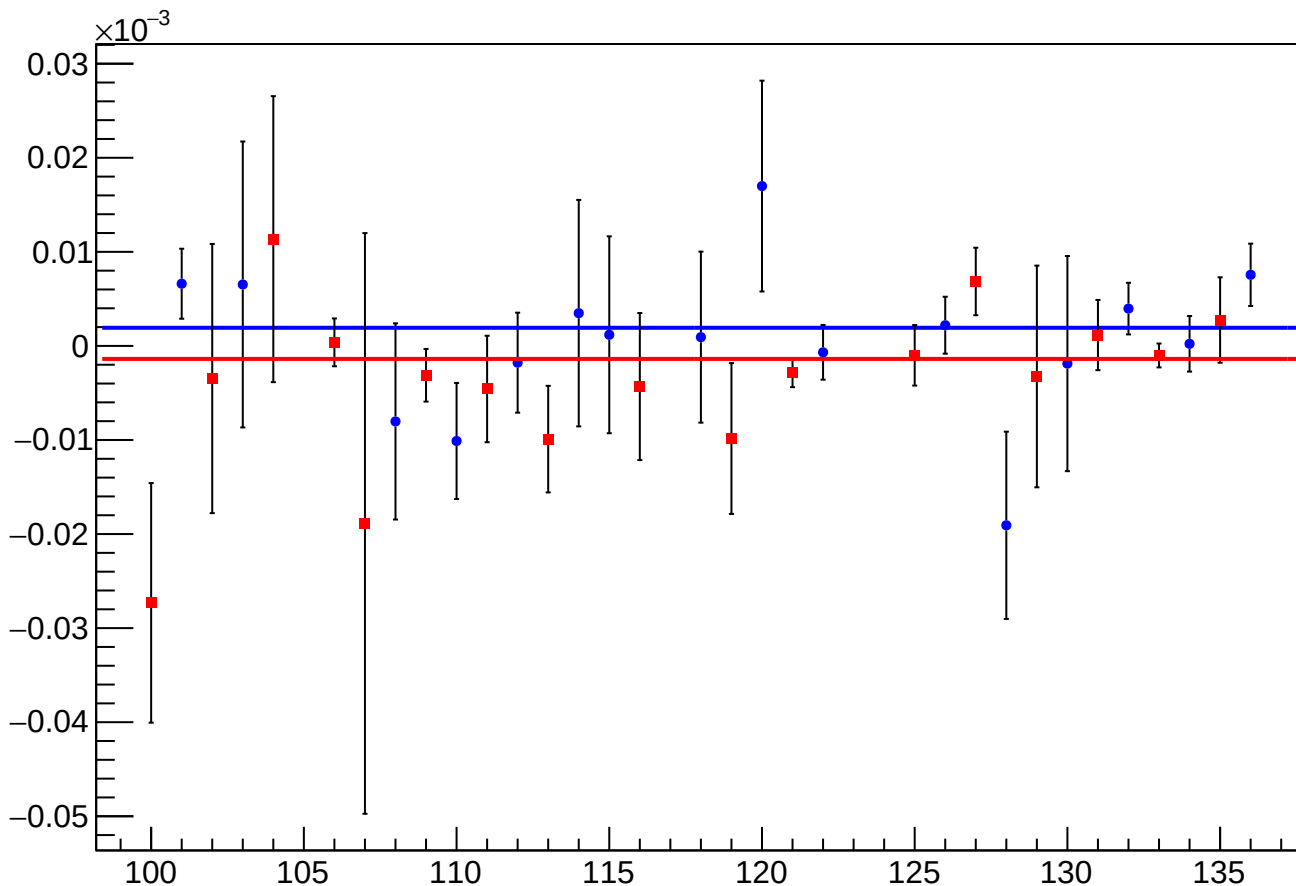
Right: 38.607+/-0.009 χ^2/NDF : 3288368.1/32

In: 40.352+/-0.012 χ^2/NDF : 1410137.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.607+/-0.009 χ^2/NDF : 3288368.1/32

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

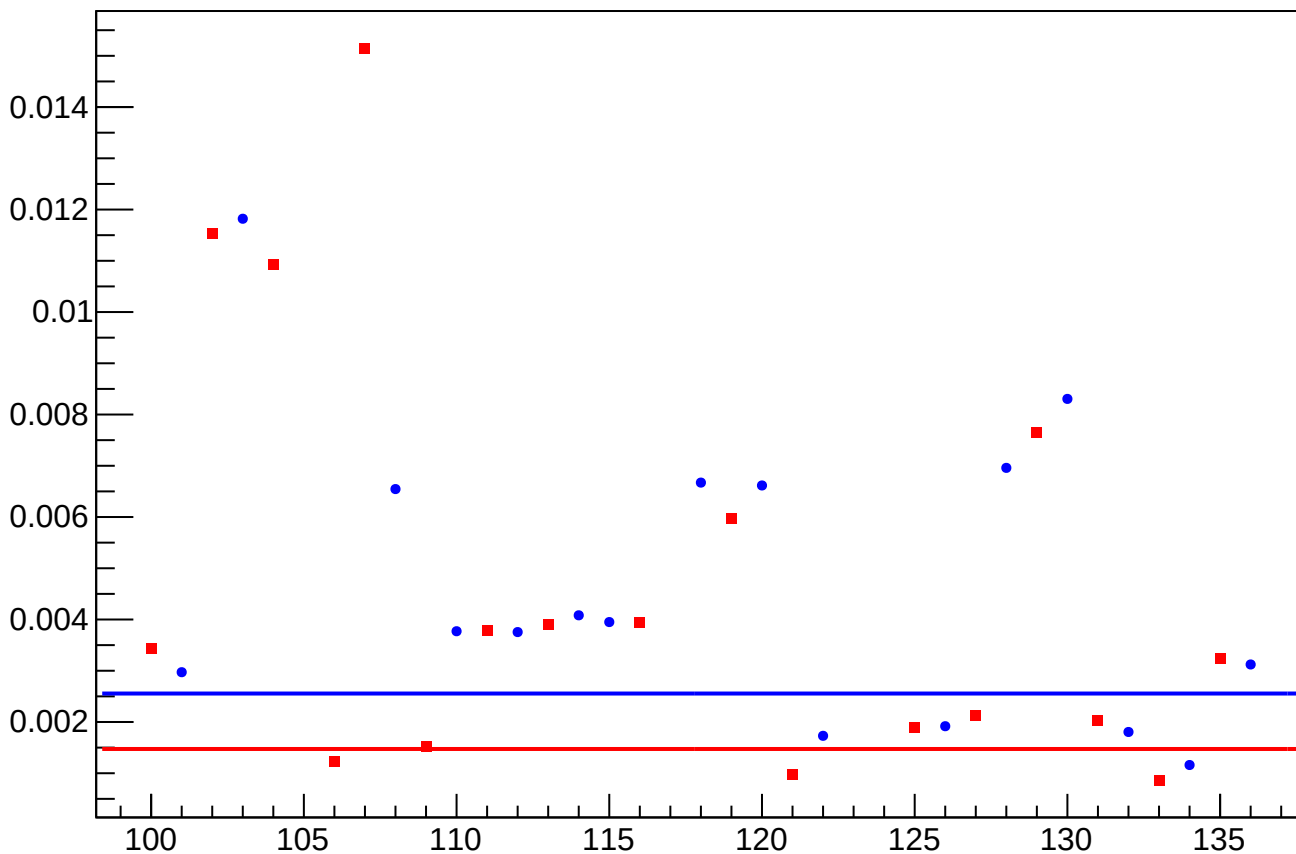
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.2/32

In: 0.000 $\pm$ 0.000 χ^2 /NDF:17.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 41.2/32

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 : 5441248.0/16

Left 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 : 10472886.7/32

In: 0.003+/-0.000

χ^2/NDF : 3782362.0/15

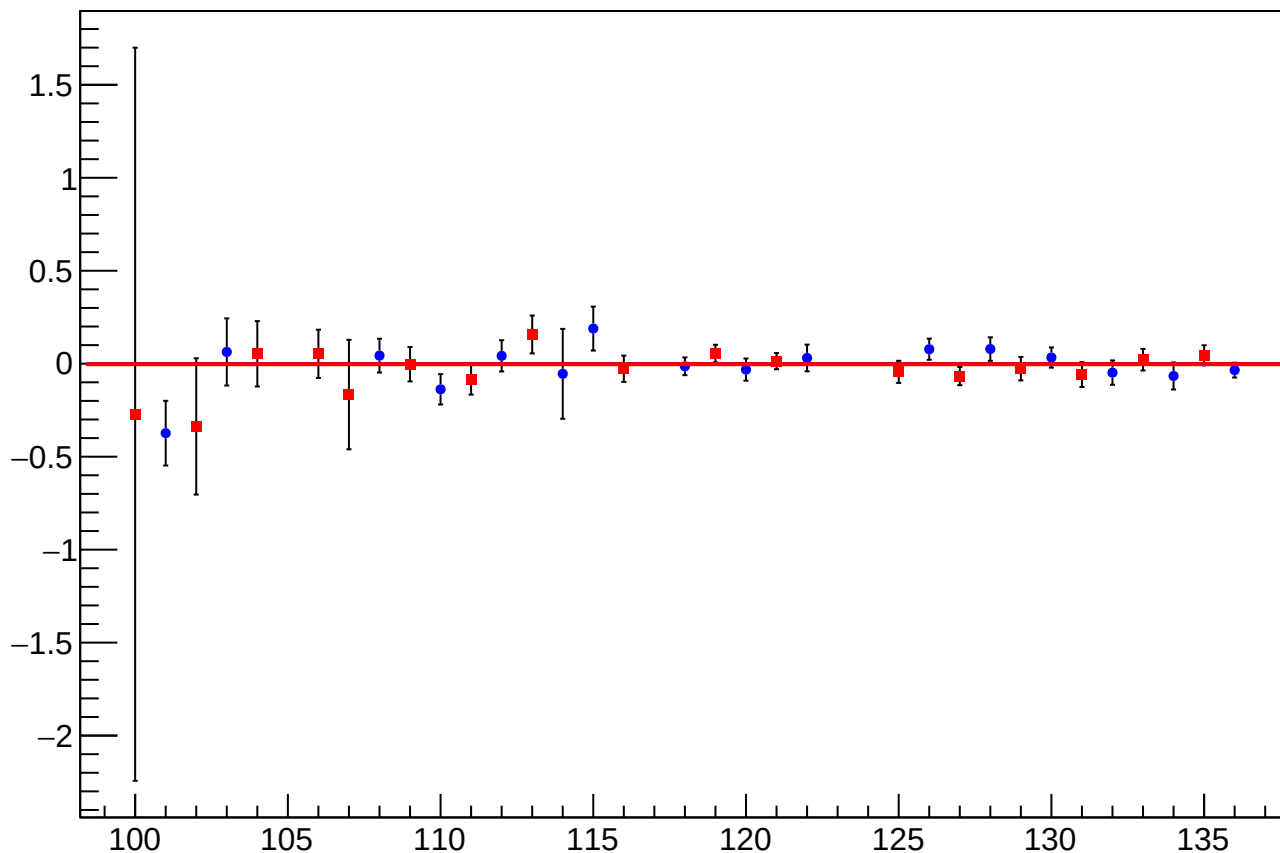
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 10472886.7/32

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.017 χ^2/NDF : 17.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.002+/-0.017 χ^2/NDF : 10.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

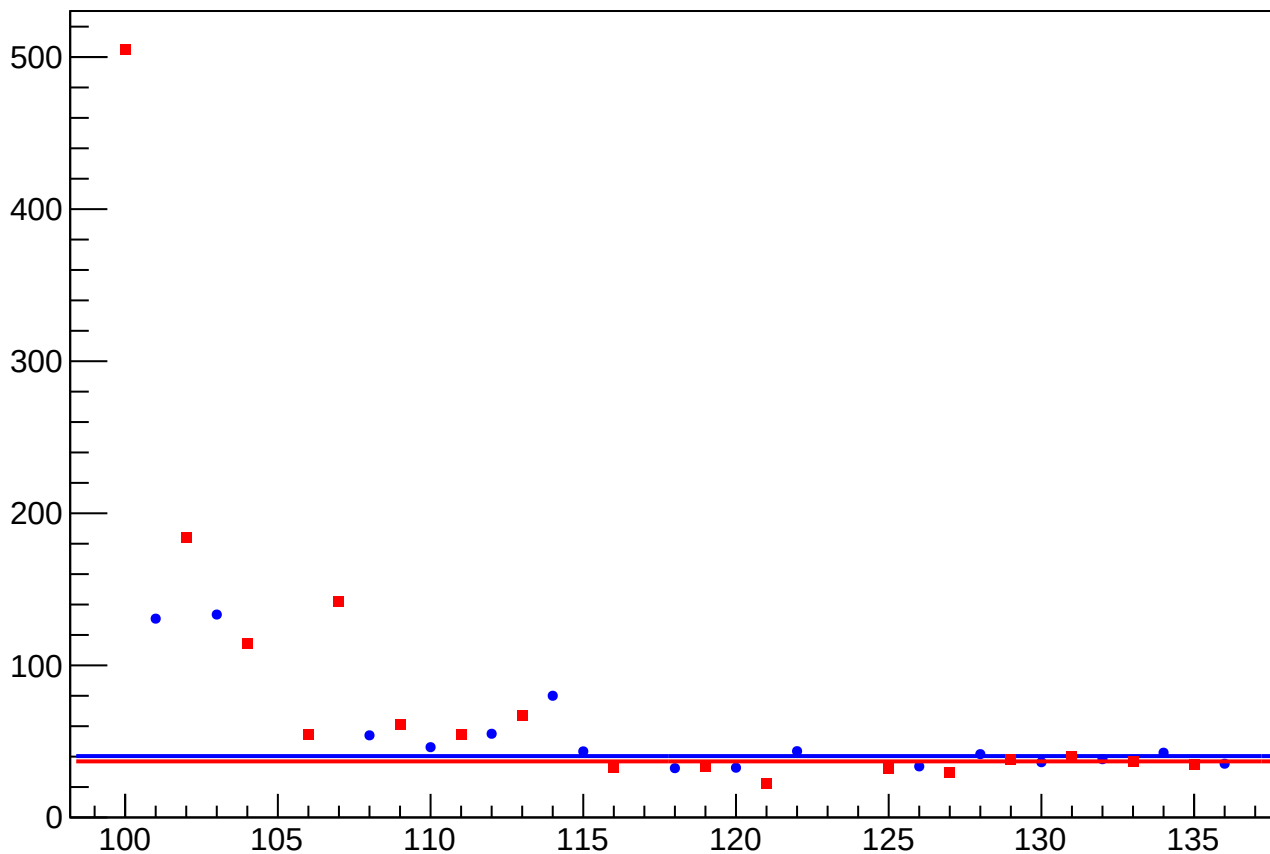
Right: -0.002+/-0.012 χ^2/NDF : 27.7/32

In: -0.002+/-0.017 χ^2/NDF : 17.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.002+/-0.012 χ^2/NDF : 27.7/32

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: 36.875+/-0.012 χ^2/NDF : 1836658.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

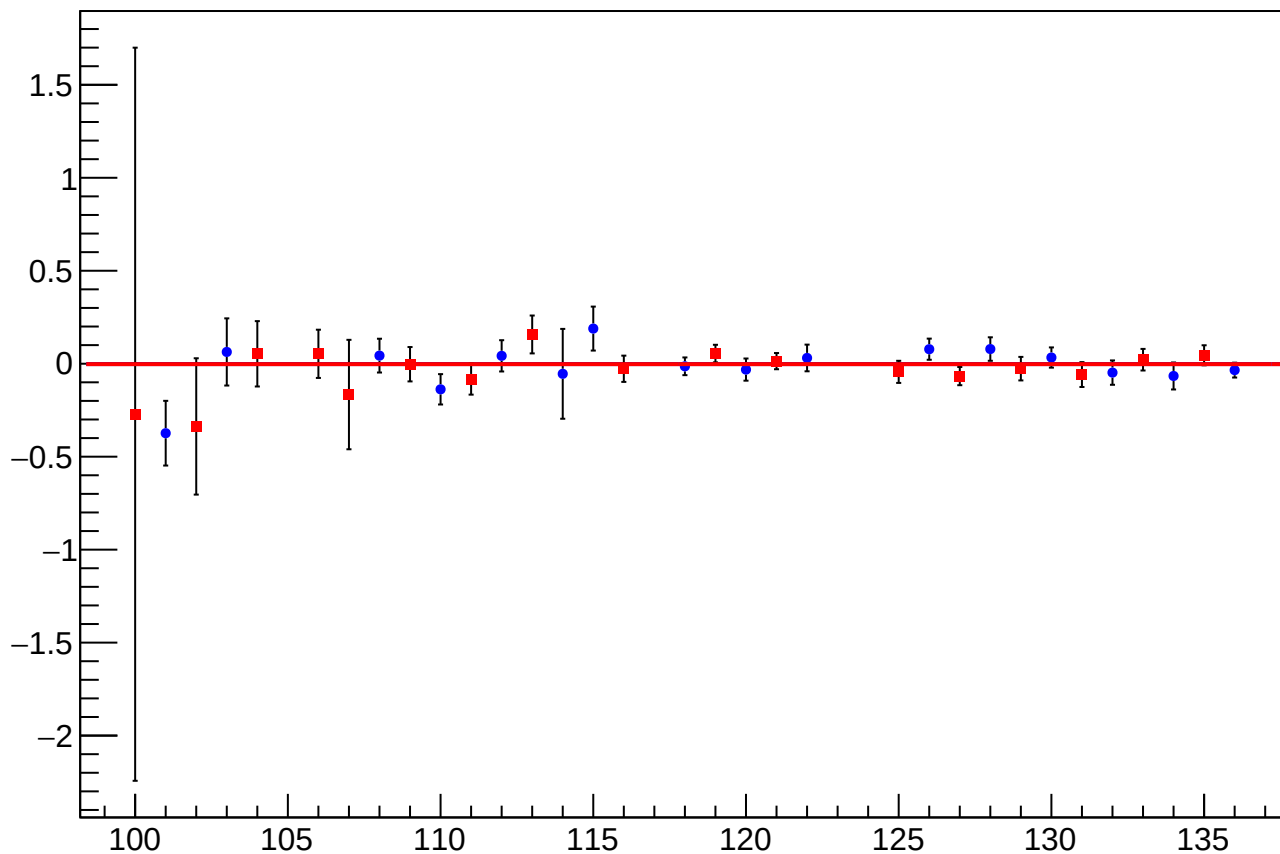
Right: 38.606+/-0.009 χ^2/NDF : 3288298.9/32

In: 40.352+/-0.012 χ^2/NDF : 1410036.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.606+/-0.009 χ^2/NDF : 3288298.9/32

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.002+/-0.017 χ^2 /NDF: 17.1/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.002+/-0.017 χ^2 /NDF: 10.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

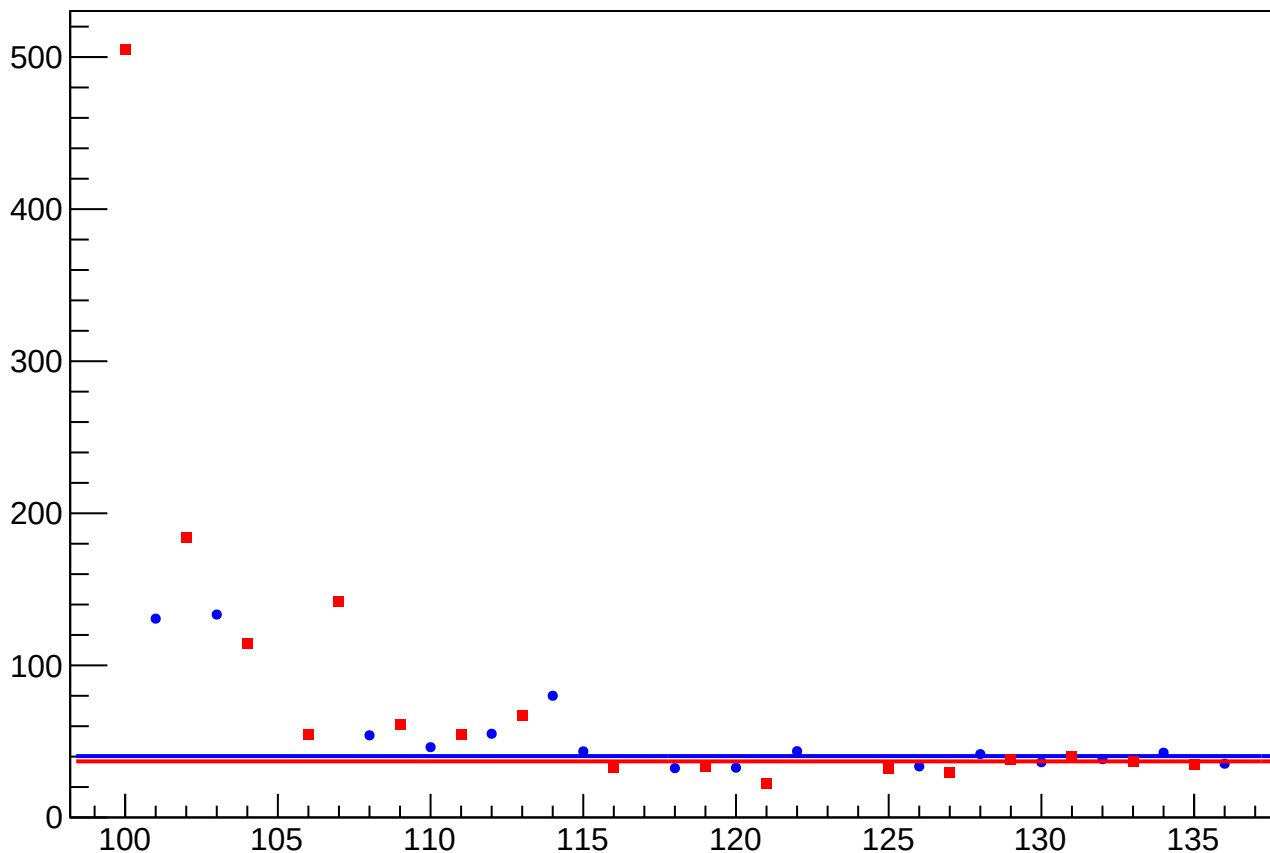
Right: -0.002+/-0.012 χ^2 /NDF: 27.7/32

In: -0.002+/-0.017 χ^2 /NDF:17.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.002+/-0.012 χ^2 /NDF: 27.7/32

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 40.352 $\pm$ 0.012 χ^2 /NDF: 1410036.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.875 $\pm$ 0.012 χ^2 /NDF: 1836658.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

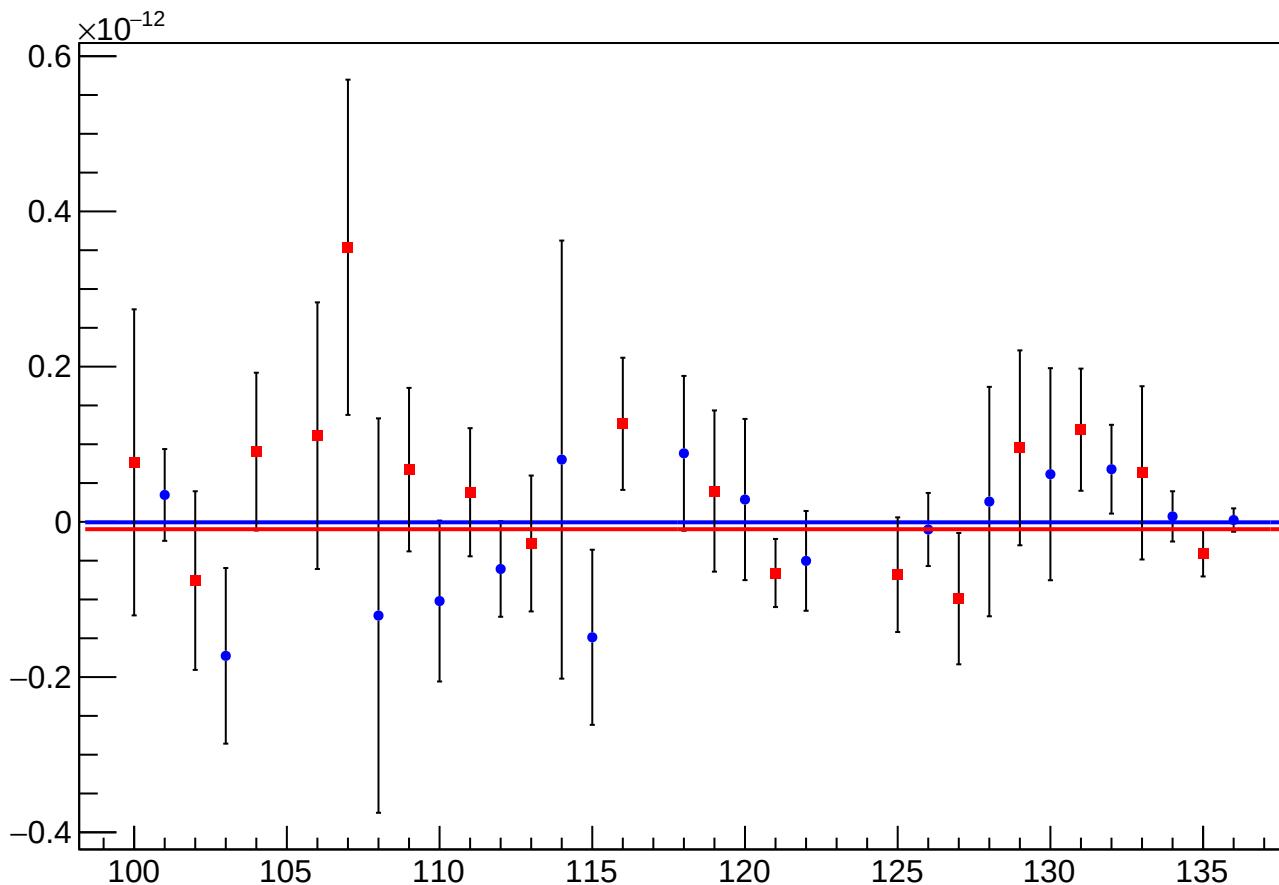
Right: 38.606 $\pm$ 0.009 χ^2 /NDF: 3288298.9/32

In: 40.352 $\pm$ 0.012 χ^2 /NDF:1410036.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 38.606 $\pm$ 0.009 χ^2 /NDF: 3288298.9/32

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 : 16.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

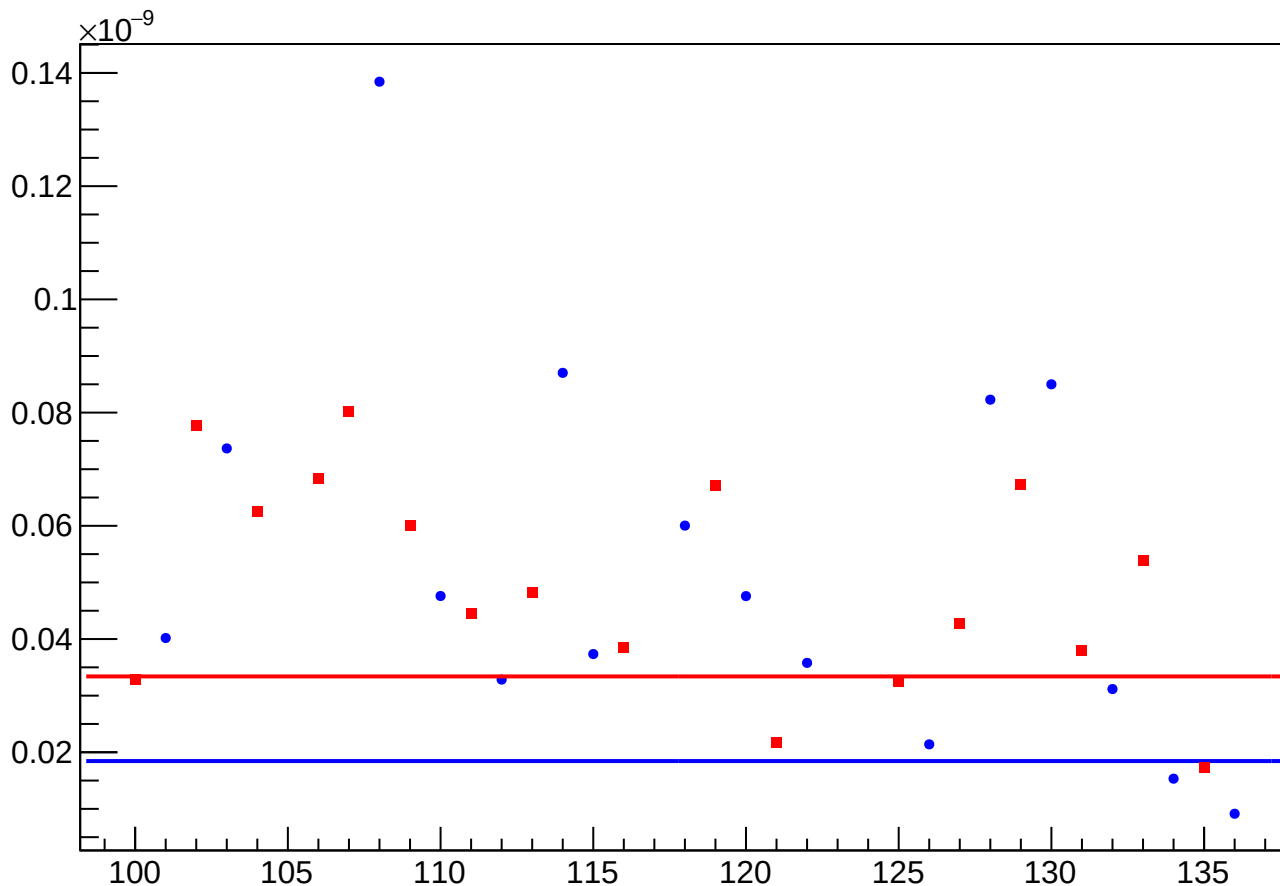
Right: -0.000+/-0.000 χ^2/NDF : 26.8/32

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 : 26.8/32

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 : 2032892.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

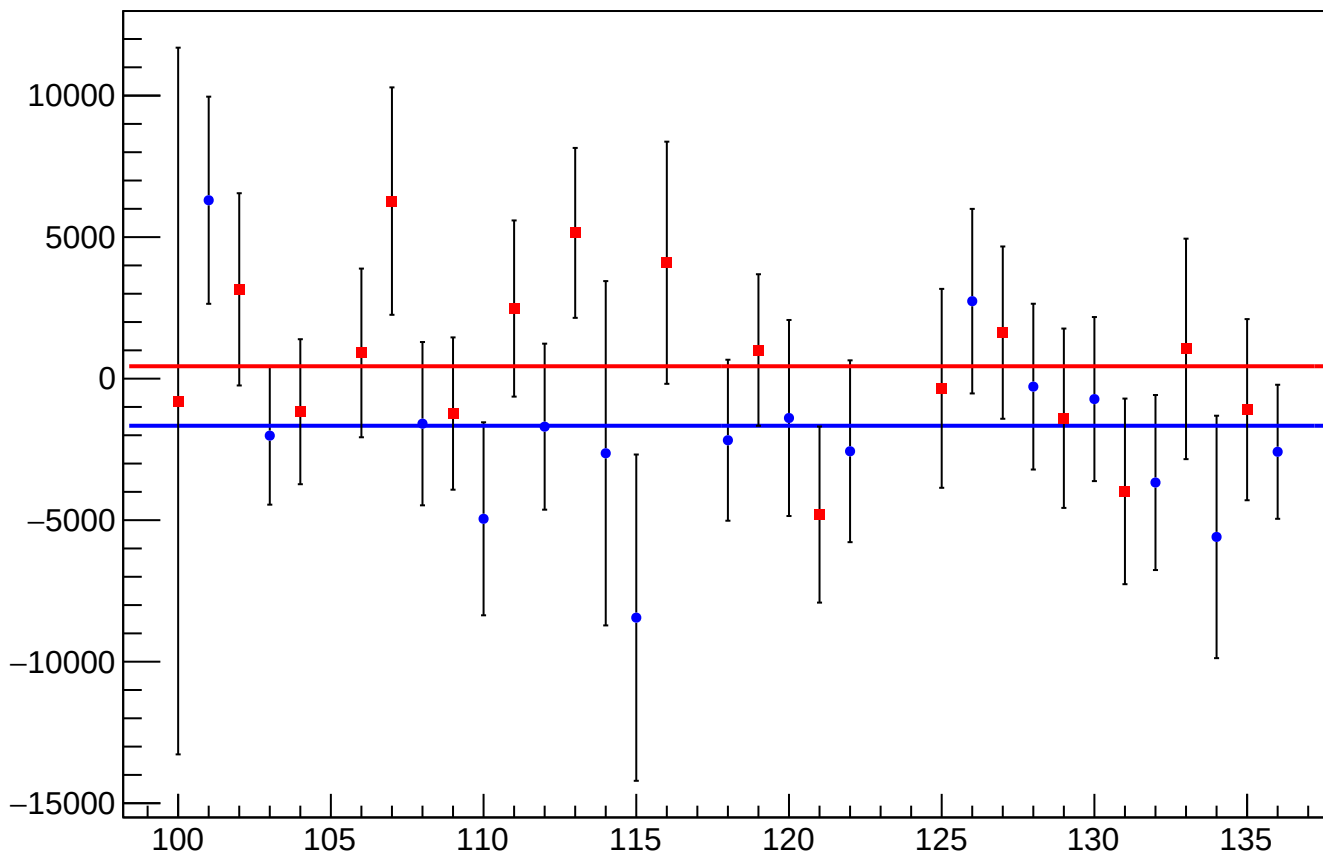
Right: 0.000+/-0.000 χ^2/NDF : 7037480.3/32

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 : 7037480.3/32

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.305 $\pm$ 792.164 χ^2 /NDF: 10.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 438.004 $\pm$ 786.887 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

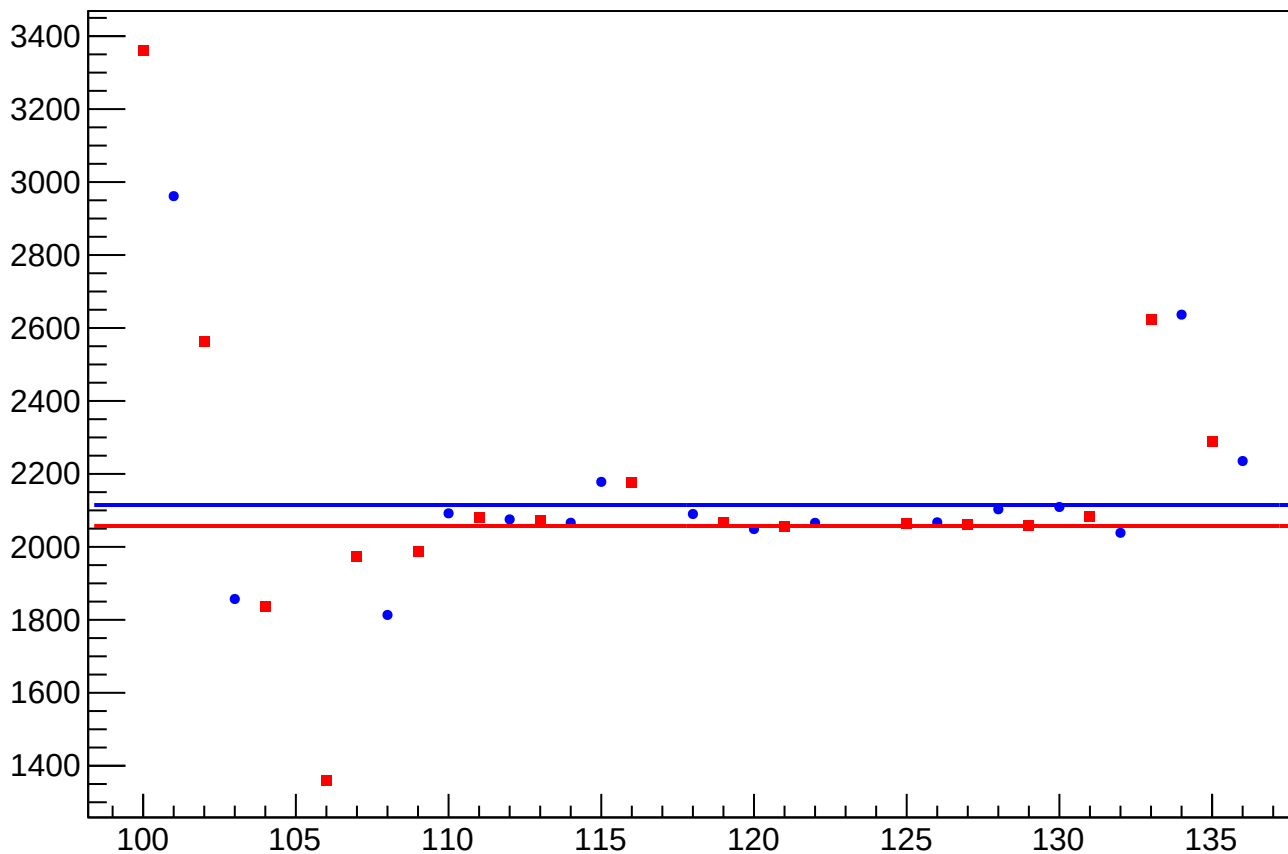
Right: -606.126 $\pm$ 558.270 χ^2 /NDF: 27.0/32

In: -1664.305 $\pm$ 792.164 χ^2 /NDF:10.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -606.126 $\pm$ 558.270 χ^2 /NDF: 27.0/32

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: 2057.283+/-0.556 χ^2/NDF : 246781.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

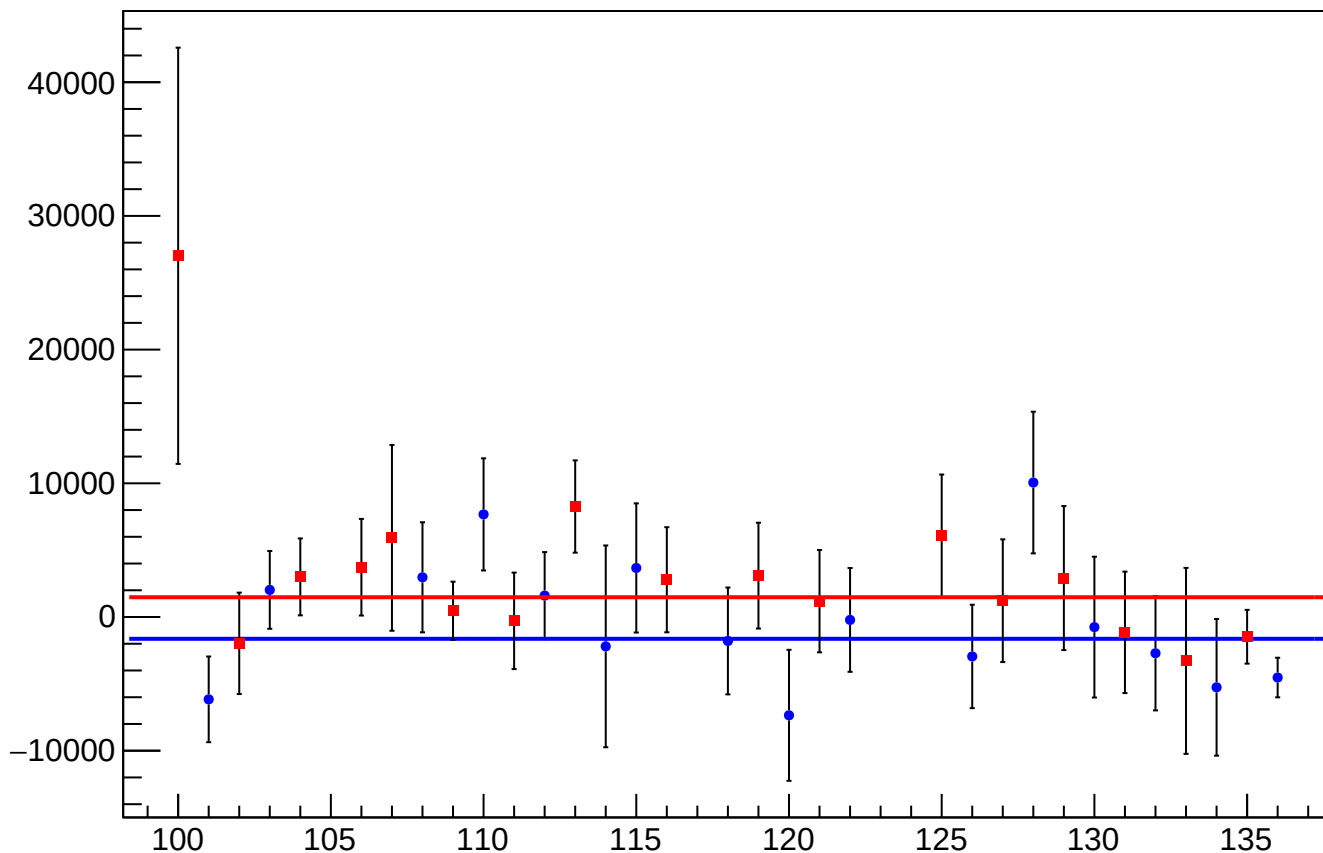
Right: 2085.827+/-0.395 χ^2/NDF : 442001.2/32

In: 2114.755+/-0.560 χ^2/NDF : 189920.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2085.827+/-0.395 χ^2/NDF : 442001.2/32

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -1630.474 $\pm$ 862.417 χ^2 /NDF: 22.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1478.219 $\pm$ 874.657 χ^2 /NDF: 13.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

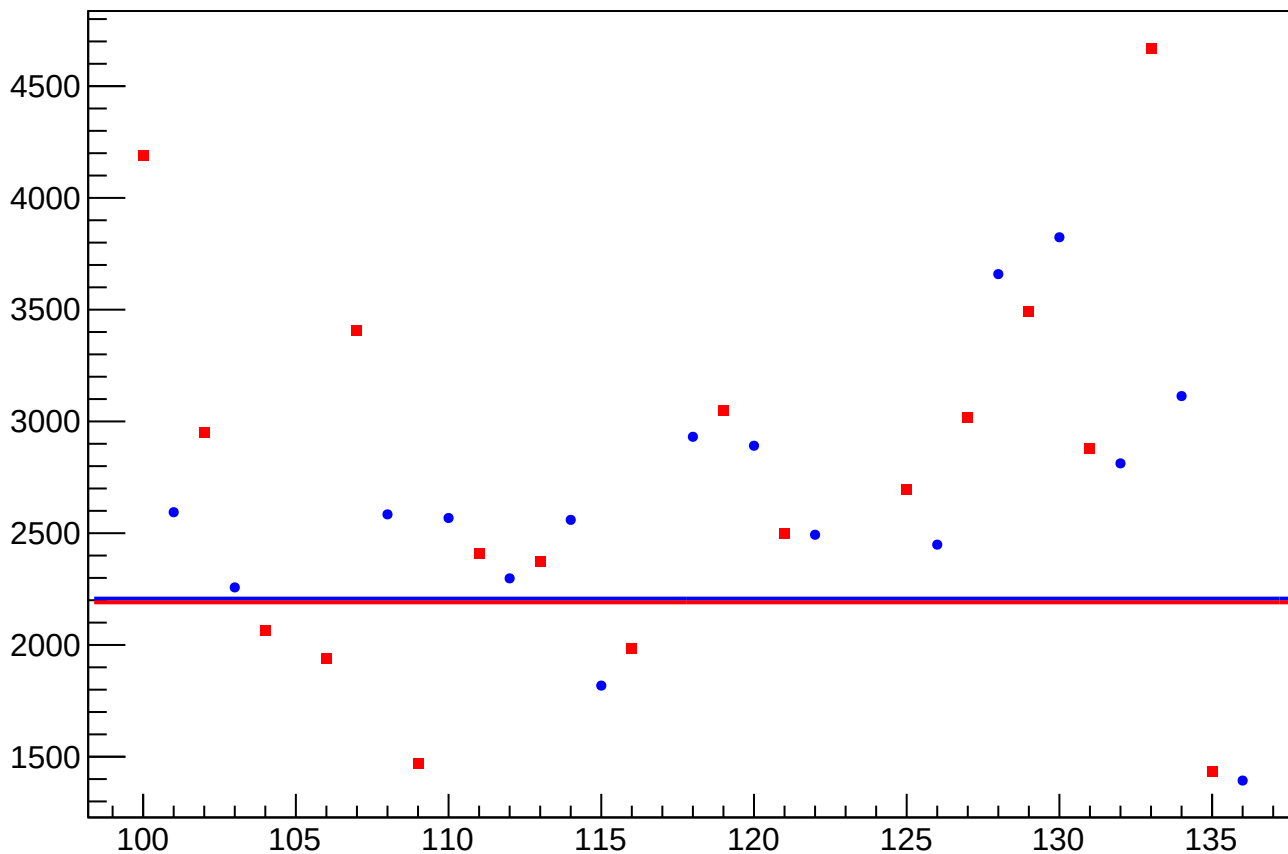
Right: -98.032 $\pm$ 614.103 χ^2 /NDF: 42.5/32

In: -1630.474 $\pm$ 862.417 χ^2 /NDF:22.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -98.032 $\pm$ 614.103 χ^2 /NDF: 42.5/32

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: 2190.677+/-0.618 χ^2/NDF : 1320922.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

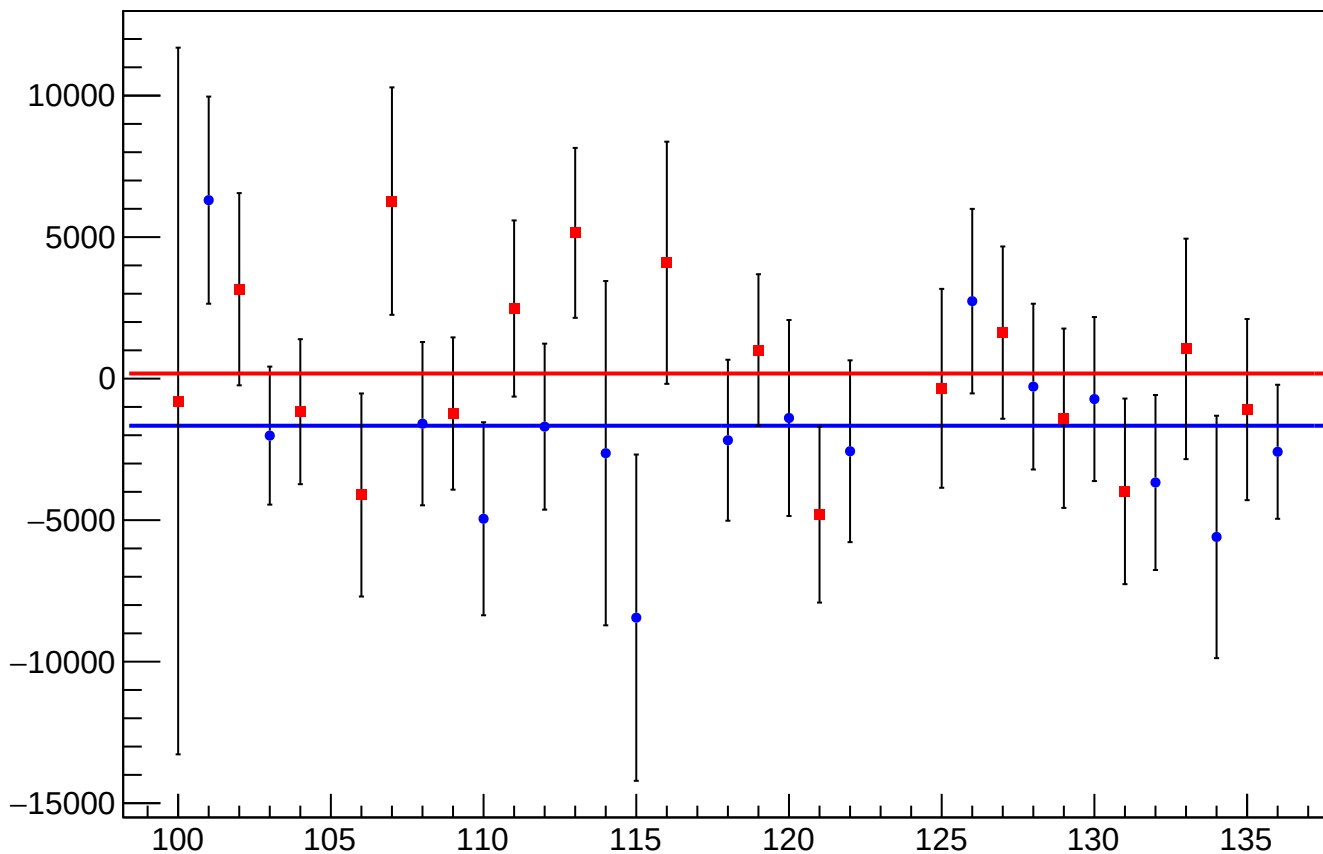
Right: 2199.082+/-0.434 χ^2/NDF : 2570553.2/32

In: 2207.254+/-0.610 χ^2/NDF : 1249266.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2199.082+/-0.434 χ^2/NDF : 2570553.2/32

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.231+/-792.164 χ^2/NDF : 10.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.124+/-795.531 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

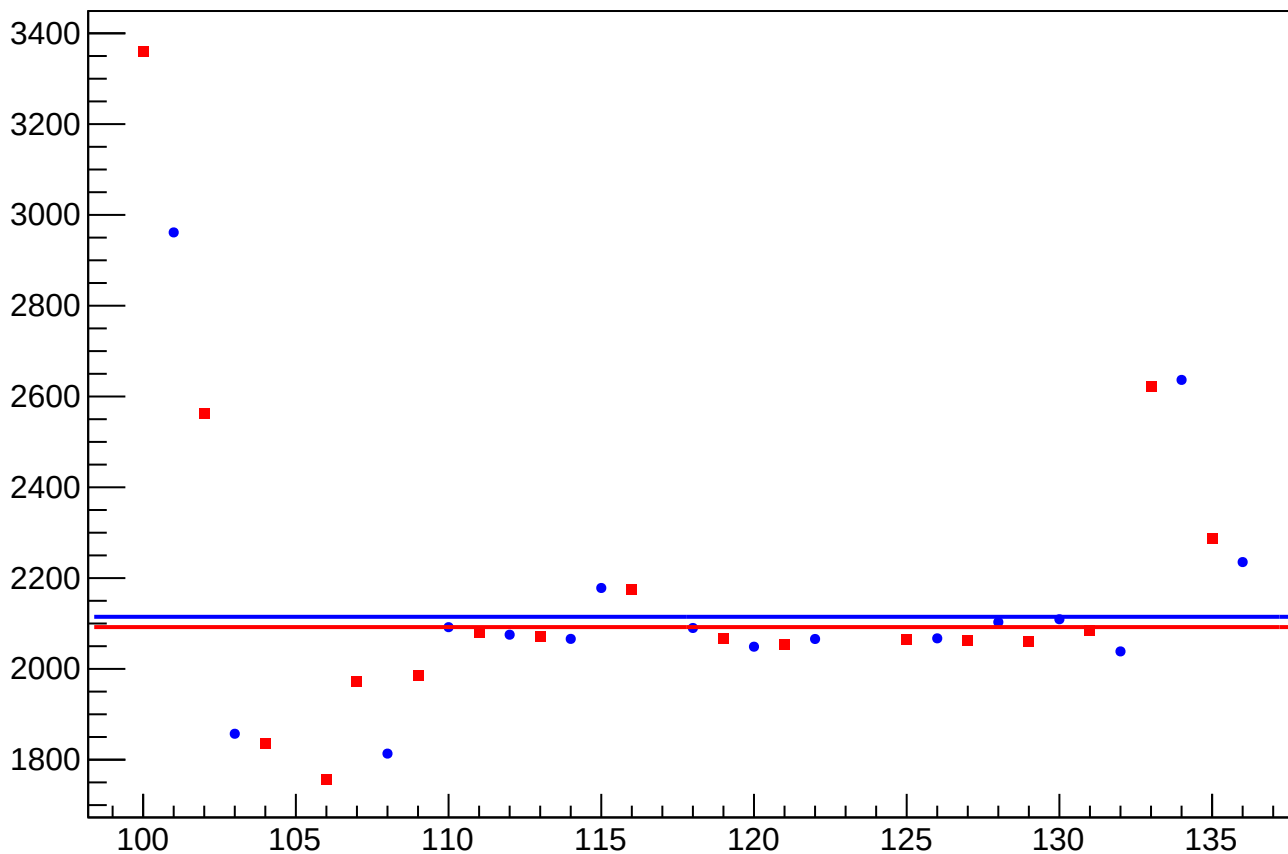
Right: -745.467+/-561.331 χ^2/NDF : 27.6/32

In: -1664.231+/-792.164 χ^2/NDF : 10.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -745.467+/-561.331 χ^2/NDF : 27.6/32

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: 2092.101+/-0.563 χ^2/NDF : 147822.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

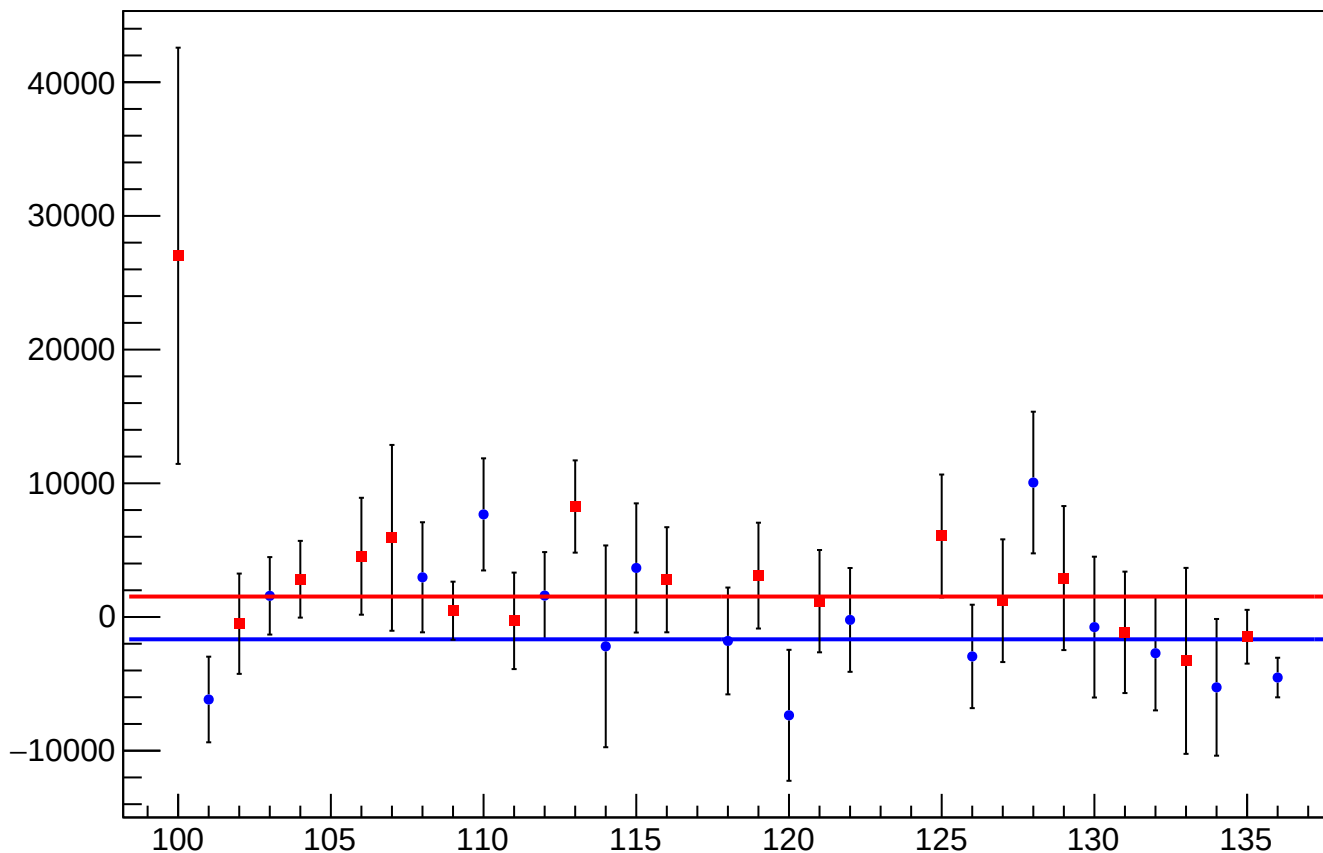
Right: 2103.476+/-0.397 χ^2/NDF : 338557.6/32

In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.476+/-0.397 χ^2/NDF : 338557.6/32

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: 1530.233 $\pm$ 882.163 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

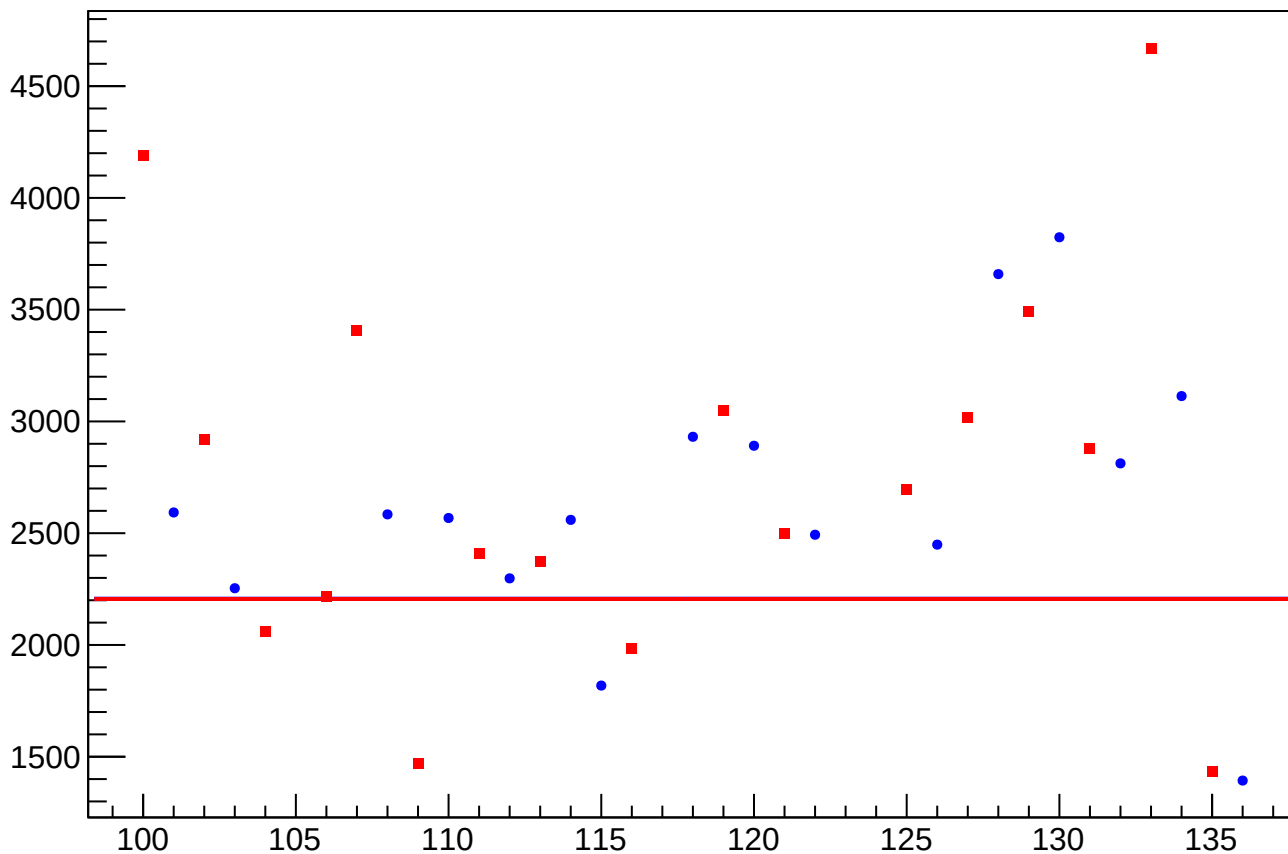
Right: -105.864 $\pm$ 616.577 χ^2 /NDF: 42.0/32

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: -105.864 $\pm$ 616.577 χ^2 /NDF: 42.0/32

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: 2205.694+/-0.624 χ^2/NDF : 1306397.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

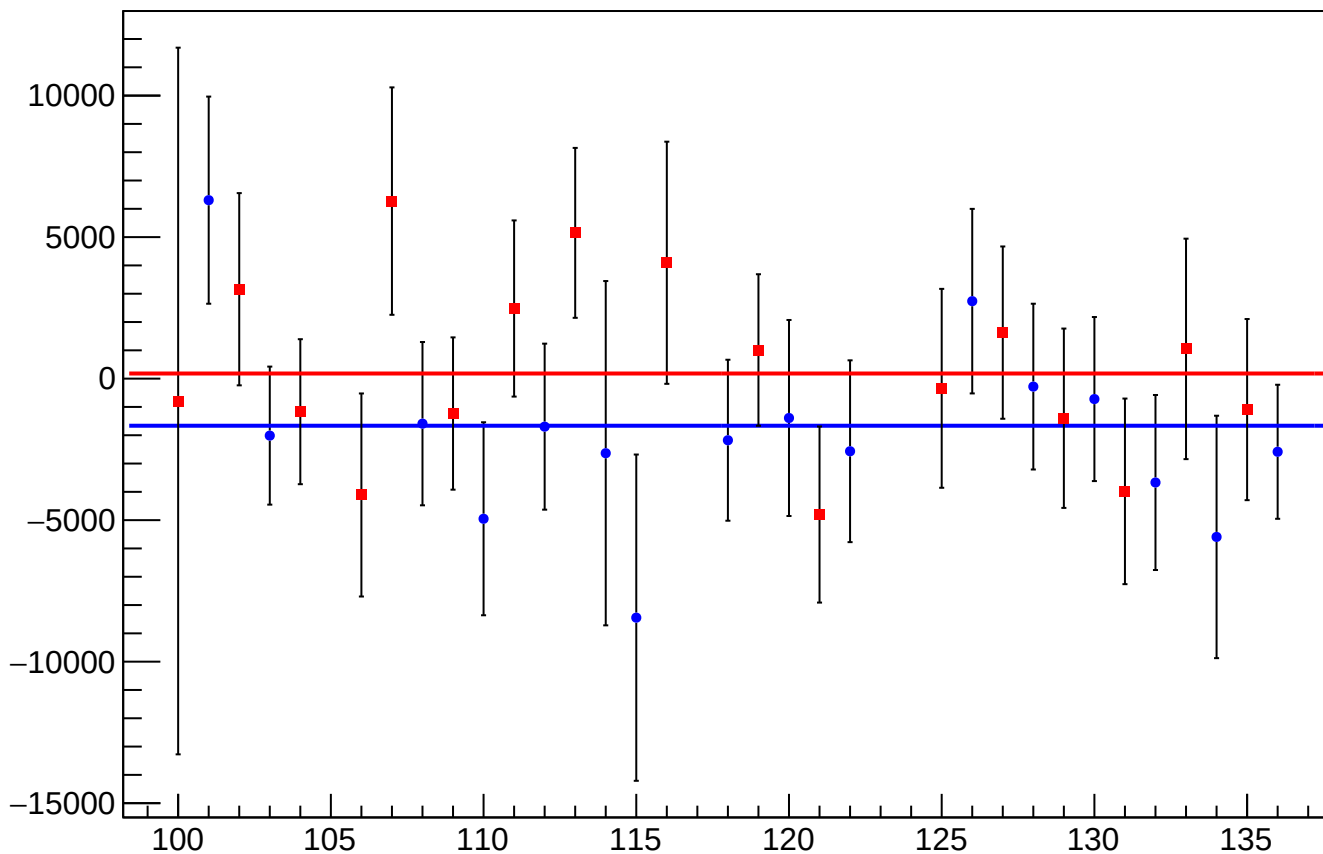
Right: 2206.320+/-0.436 χ^2/NDF : 2555423.3/32

In: 2206.918+/-0.610 χ^2/NDF :1249024.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2206.320+/-0.436 χ^2/NDF : 2555423.3/32

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug, Sign Corrected



Right In: -1664.231+/-792.164 χ^2/NDF : 10.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 181.124+/-795.531 χ^2/NDF : 14.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

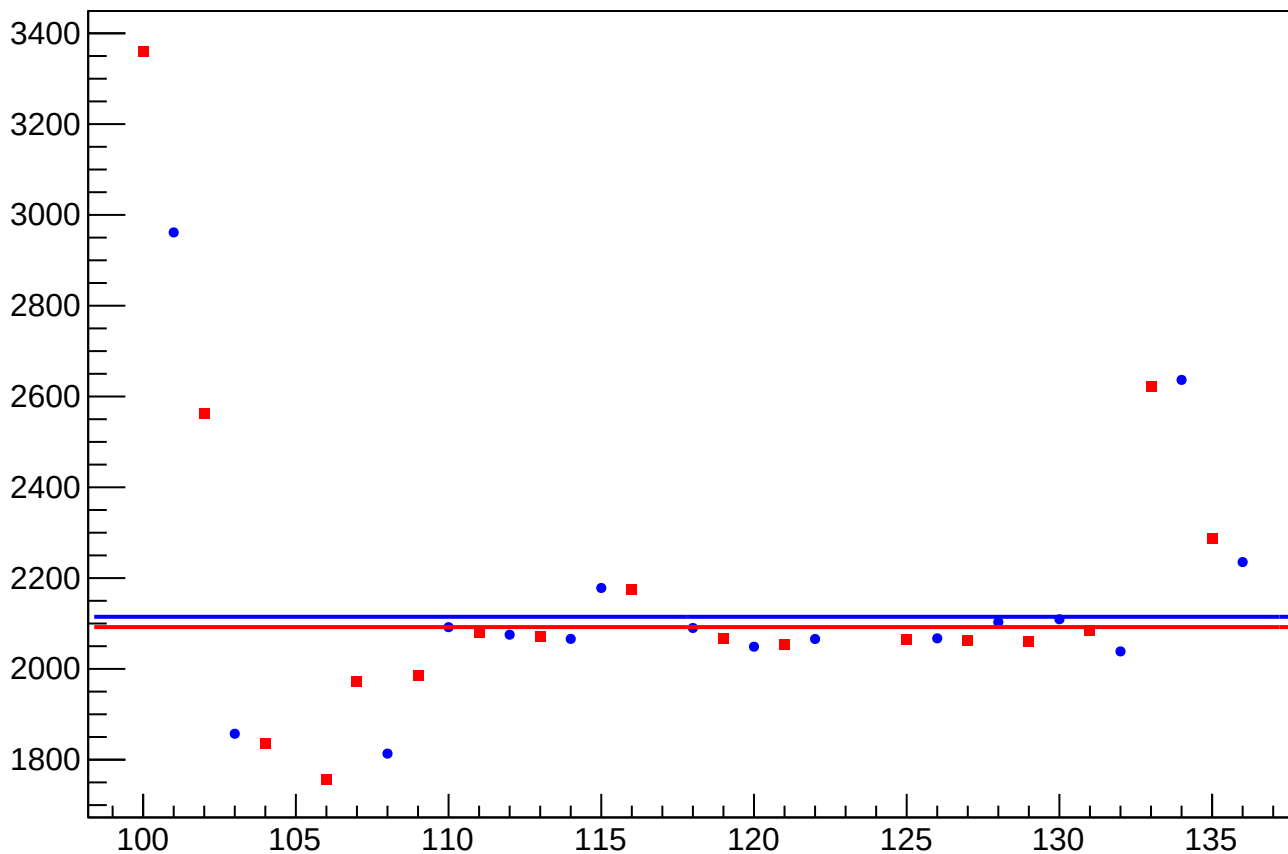
Right: -745.467+/-561.331 χ^2/NDF : 27.6/32

In: -1664.231+/-792.164 χ^2/NDF : 10.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -745.467+/-561.331 χ^2/NDF : 27.6/32

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: 2092.101+/-0.563 χ^2/NDF : 147822.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

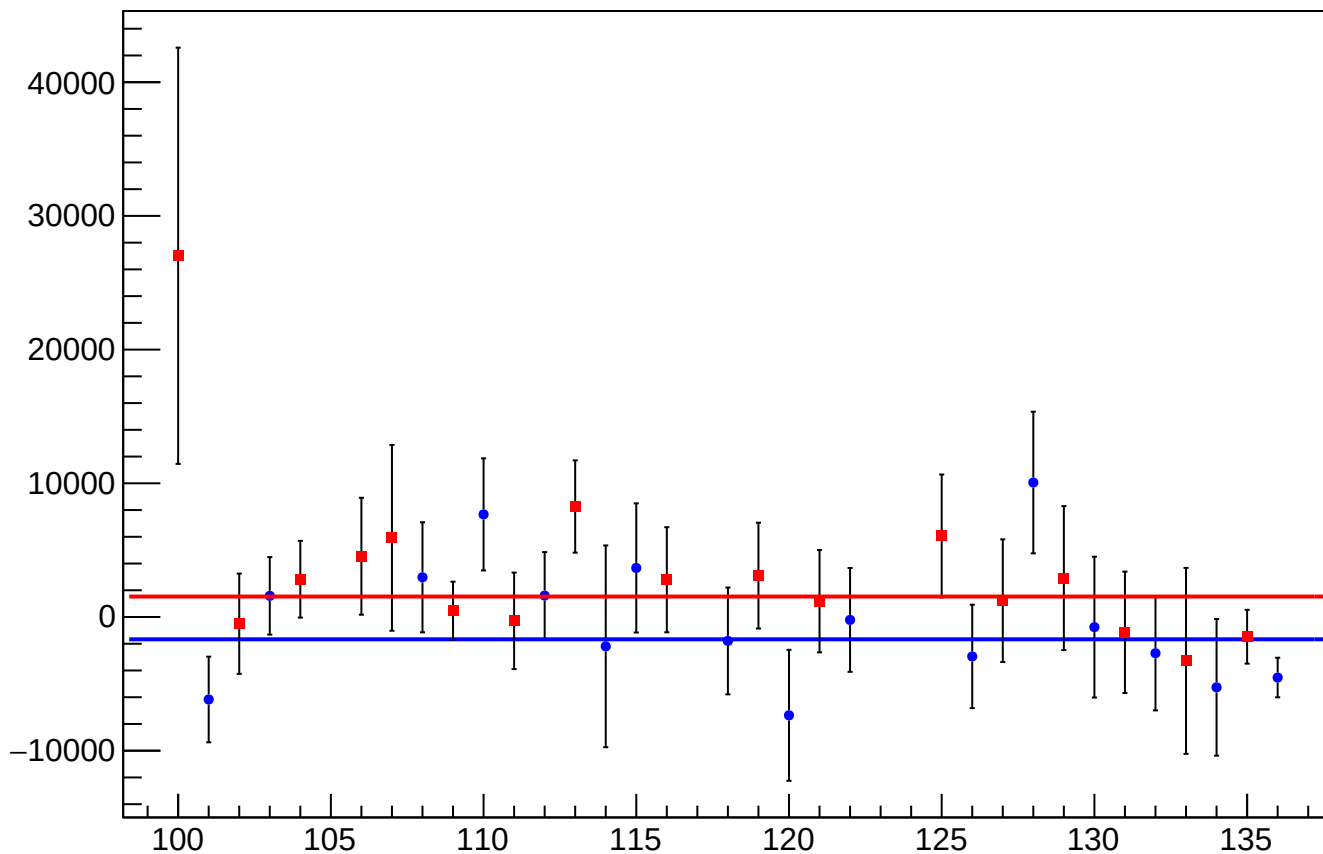
Right: 2103.476+/-0.397 χ^2/NDF : 338557.6/32

In: 2114.755+/-0.560 χ^2/NDF : 189920.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2103.476+/-0.397 χ^2/NDF : 338557.6/32

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: 1530.233 $\pm$ 882.163 χ^2 /NDF: 12.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

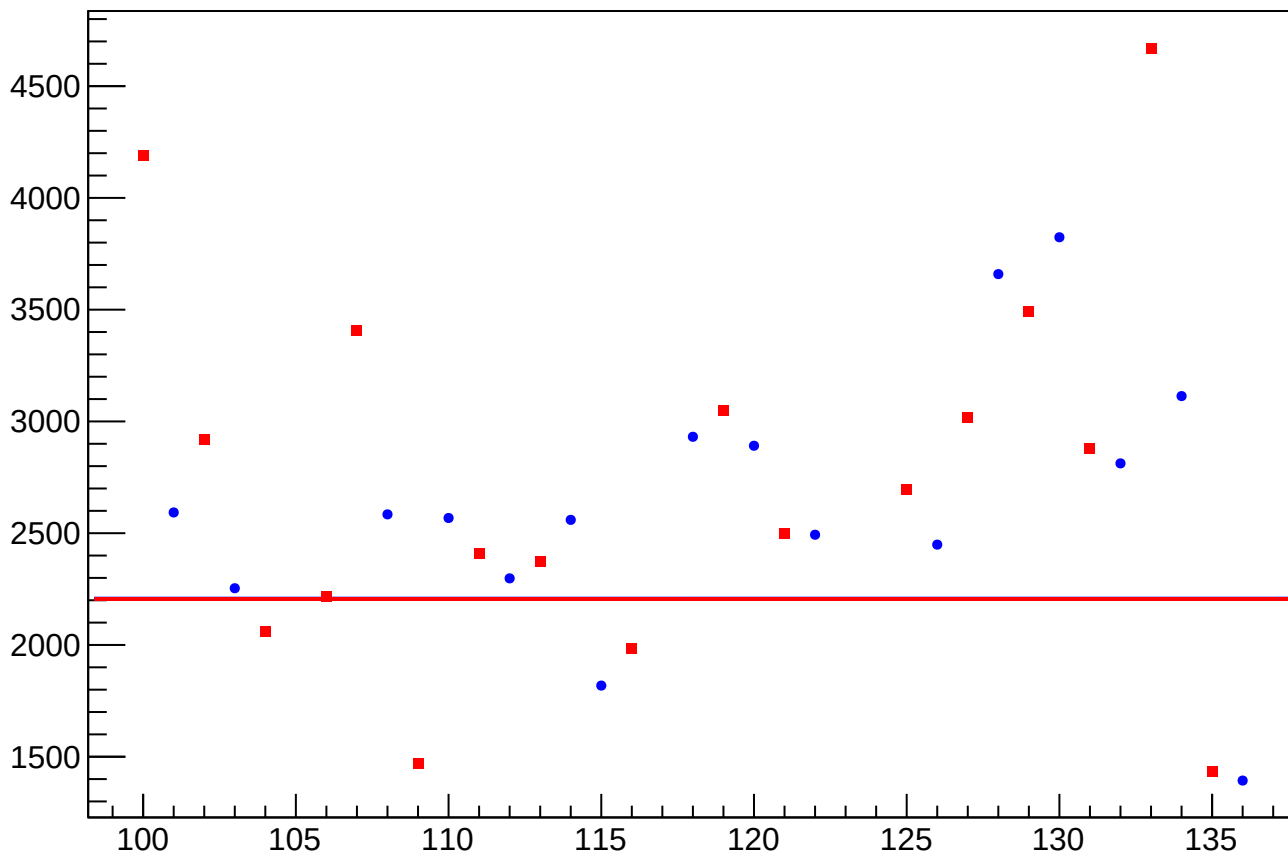
Right: -105.864 $\pm$ 616.577 χ^2 /NDF: 42.0/32

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: -105.864 $\pm$ 616.577 χ^2 /NDF: 42.0/32

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: 2205.694+/-0.624 χ^2/NDF : 1306397.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

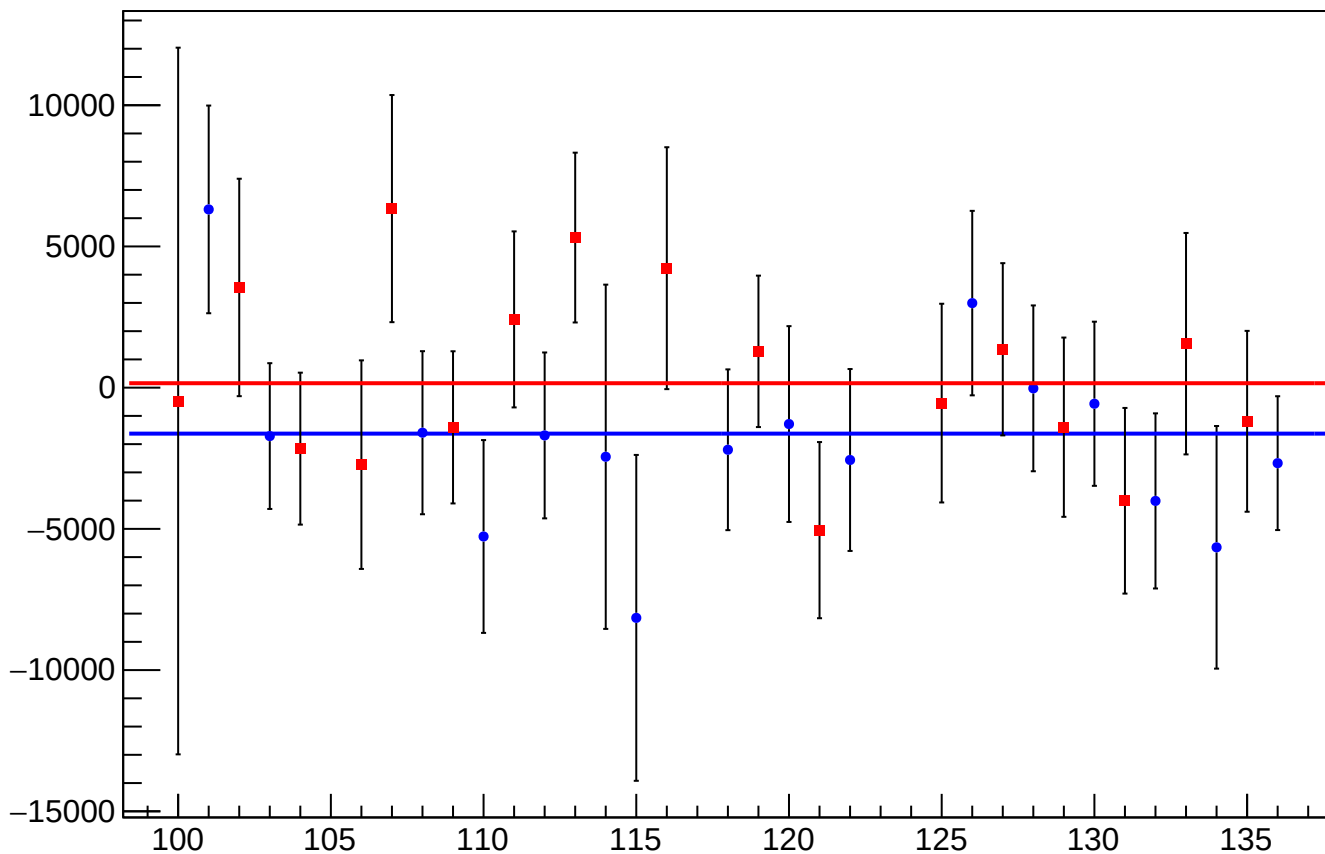
Right: 2206.320+/-0.436 χ^2/NDF : 2555423.3/32

In: 2206.918+/-0.610 χ^2/NDF : 1249024.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2206.320+/-0.436 χ^2/NDF : 2555423.3/32

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: 157.092+/-806.348 χ^2/NDF : 14.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

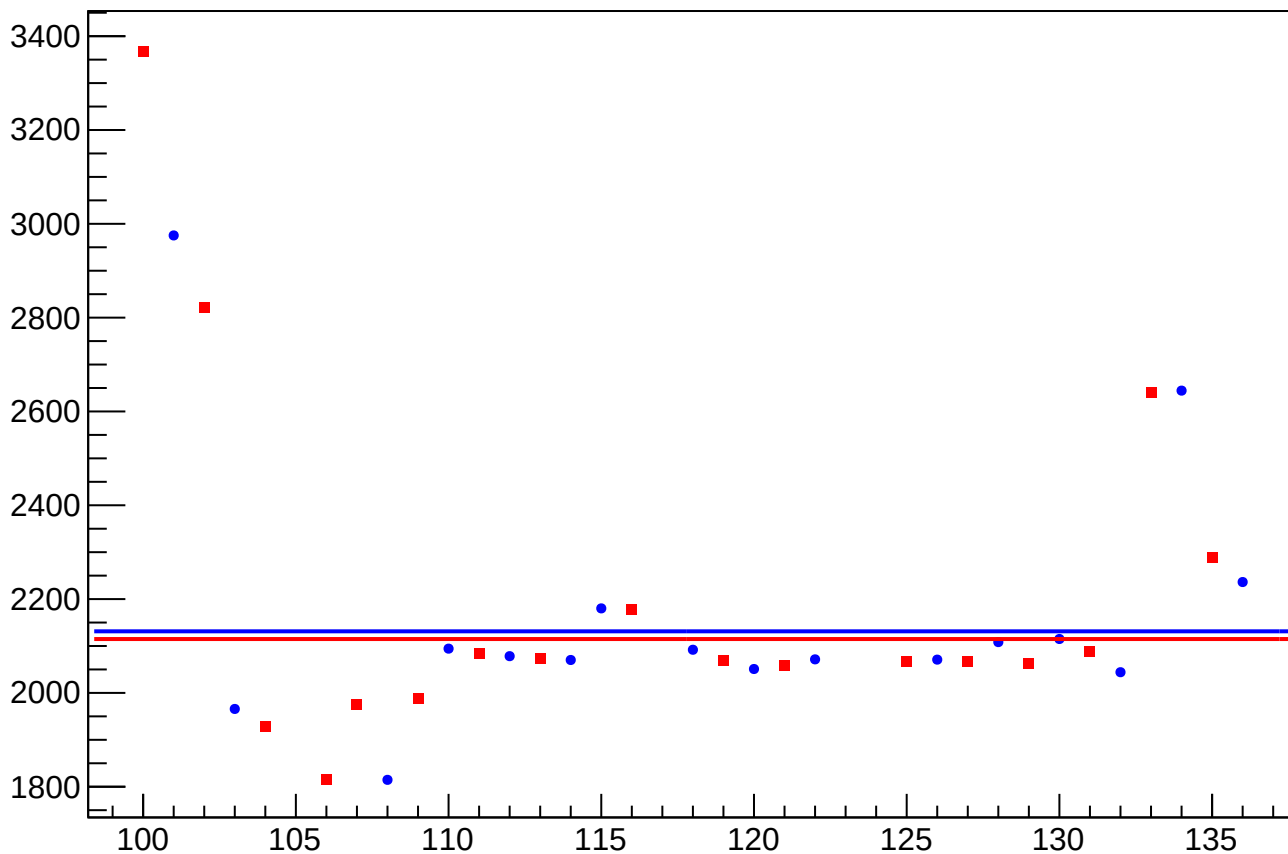
Right: -744.596+/-567.188 χ^2/NDF : 28.3/32

In: -1627.635+/-797.966 χ^2/NDF : 11.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -744.596+/-567.188 χ^2/NDF : 28.3/32

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: 2114.838+/-0.570 χ^2/NDF : 162526.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

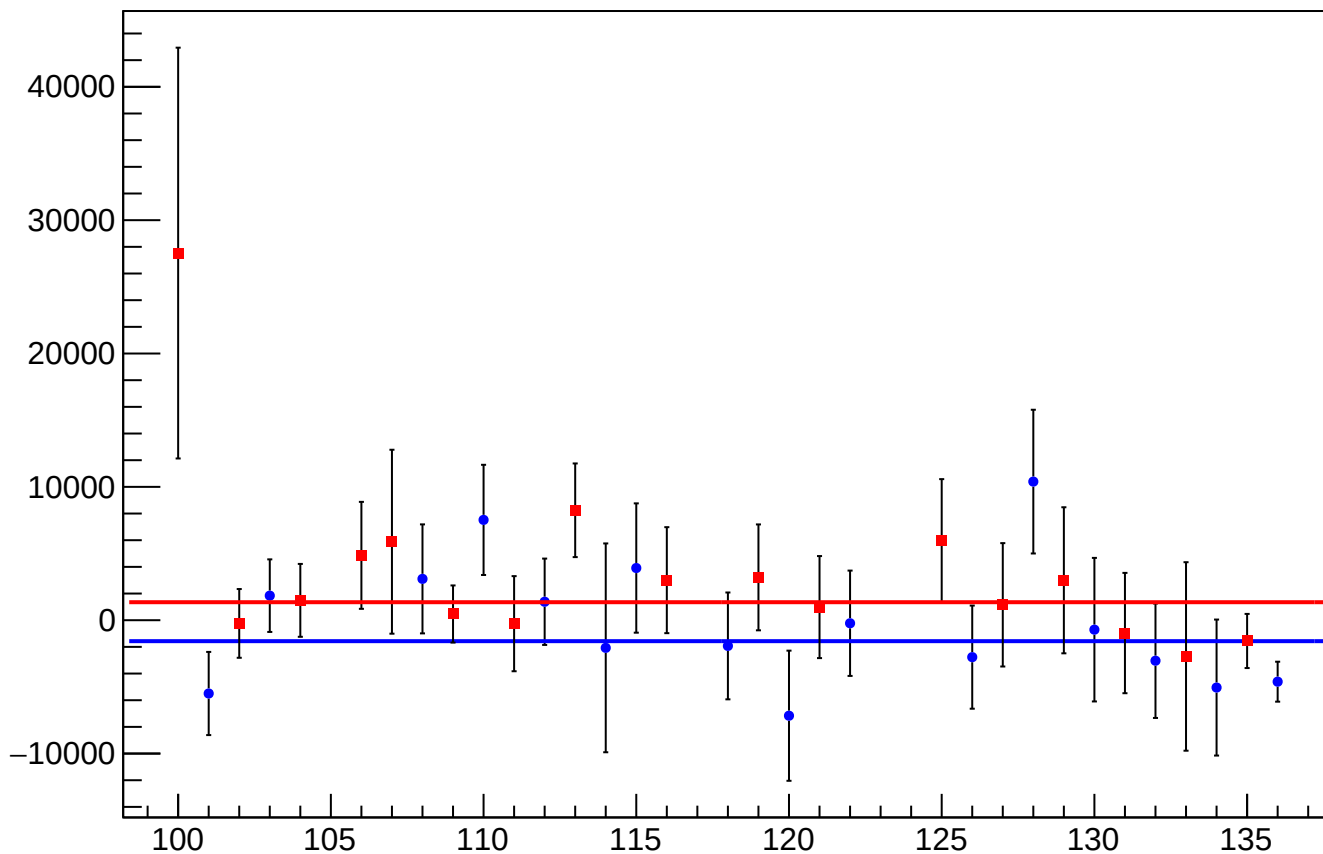
Right: 2123.154+/-0.401 χ^2/NDF : 338890.8/32

In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.154+/-0.401 χ^2/NDF : 338890.8/32

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1571.073+/-859.754 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.158+/-850.365 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

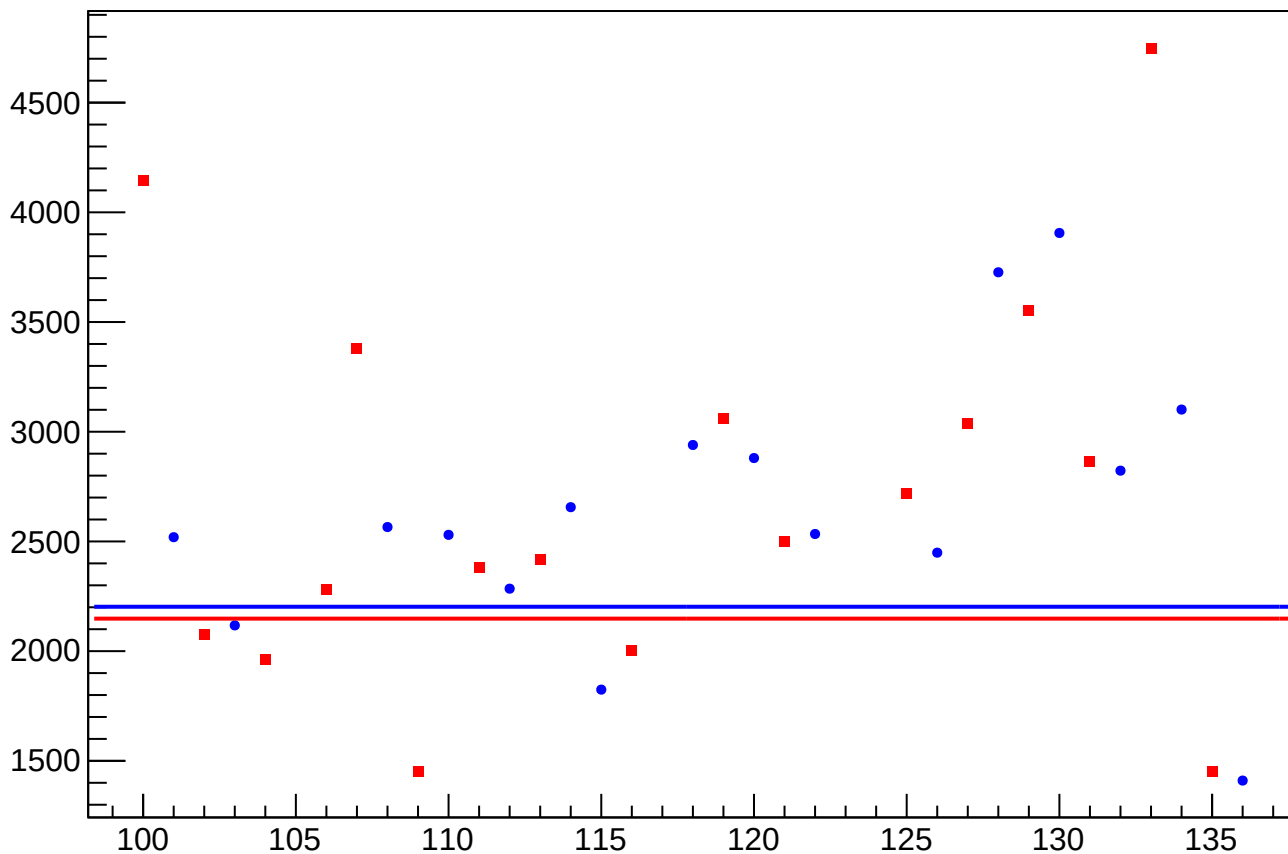
Right: -94.420+/-604.591 χ^2/NDF : 41.3/32

In: -1571.073+/-859.754 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -94.420+/-604.591 χ^2/NDF : 41.3/32

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: 2148.231+/-0.601 χ^2/NDF : 1260425.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

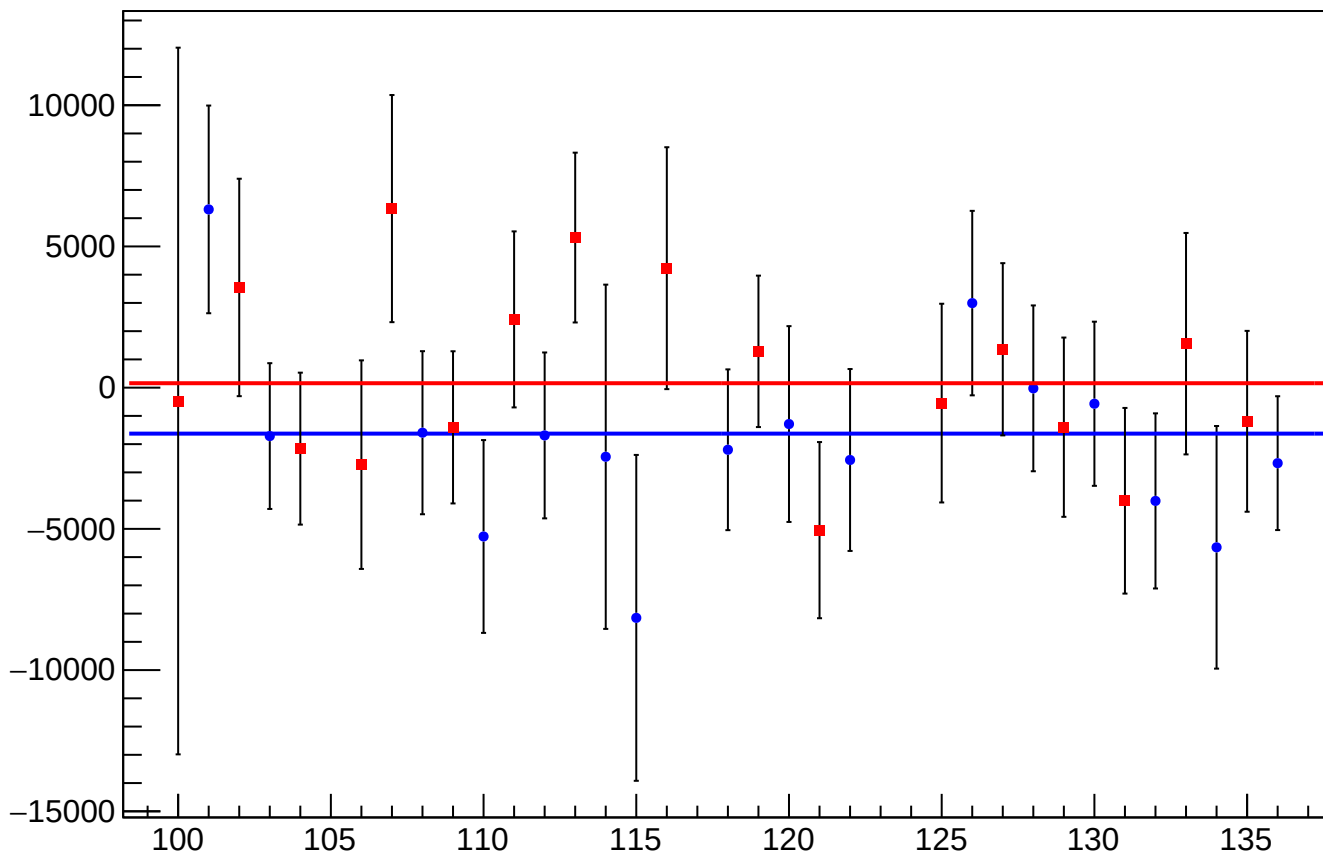
Right: 2175.008+/-0.428 χ^2/NDF : 2487401.0/32

In: 2202.378+/-0.608 χ^2/NDF : 1222965.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2175.008+/-0.428 χ^2/NDF : 2487401.0/32

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: 157.085 $\pm$ 806.348 χ^2 /NDF: 14.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

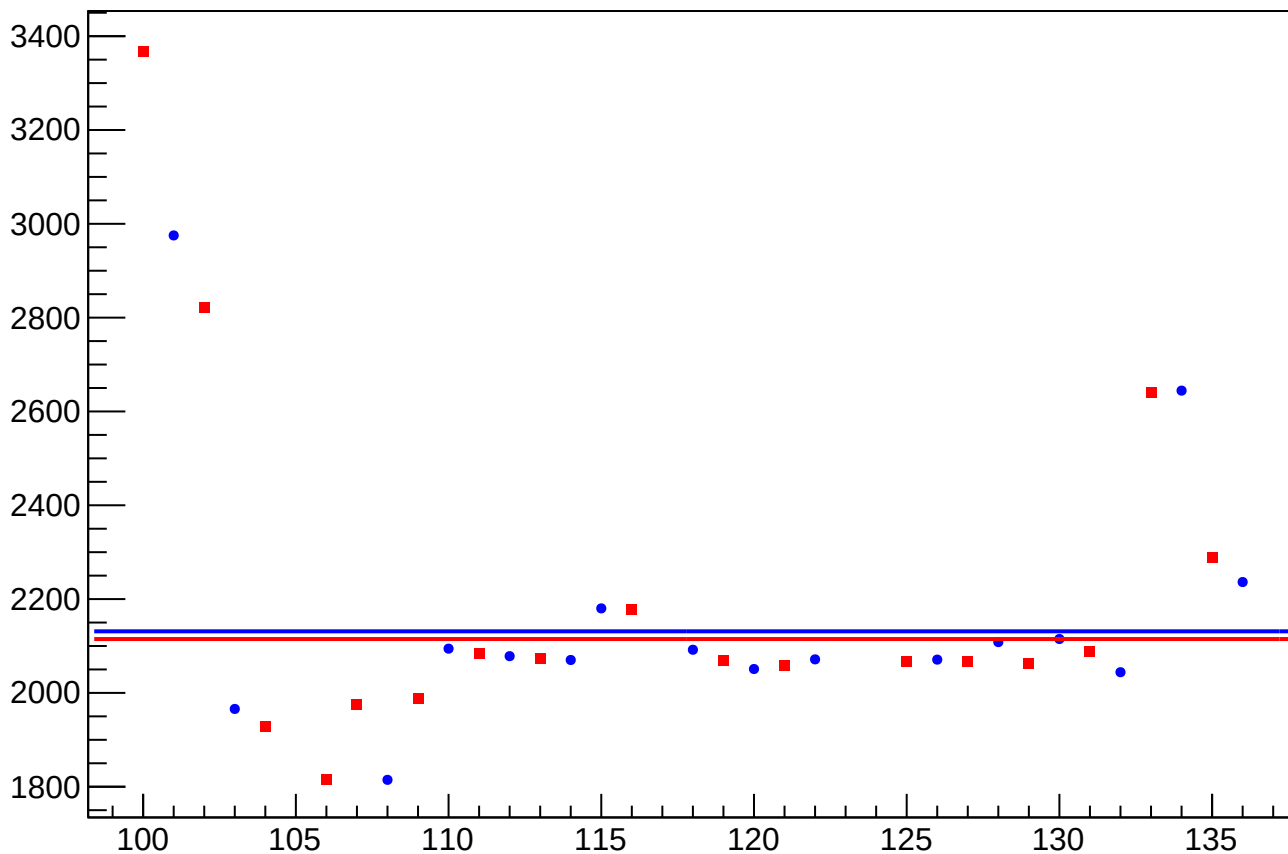
Right: -744.600 $\pm$ 567.188 χ^2 /NDF: 28.3/32

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: -744.600 $\pm$ 567.188 χ^2 /NDF: 28.3/32

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: 2114.838+/-0.570 χ^2/NDF : 162526.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

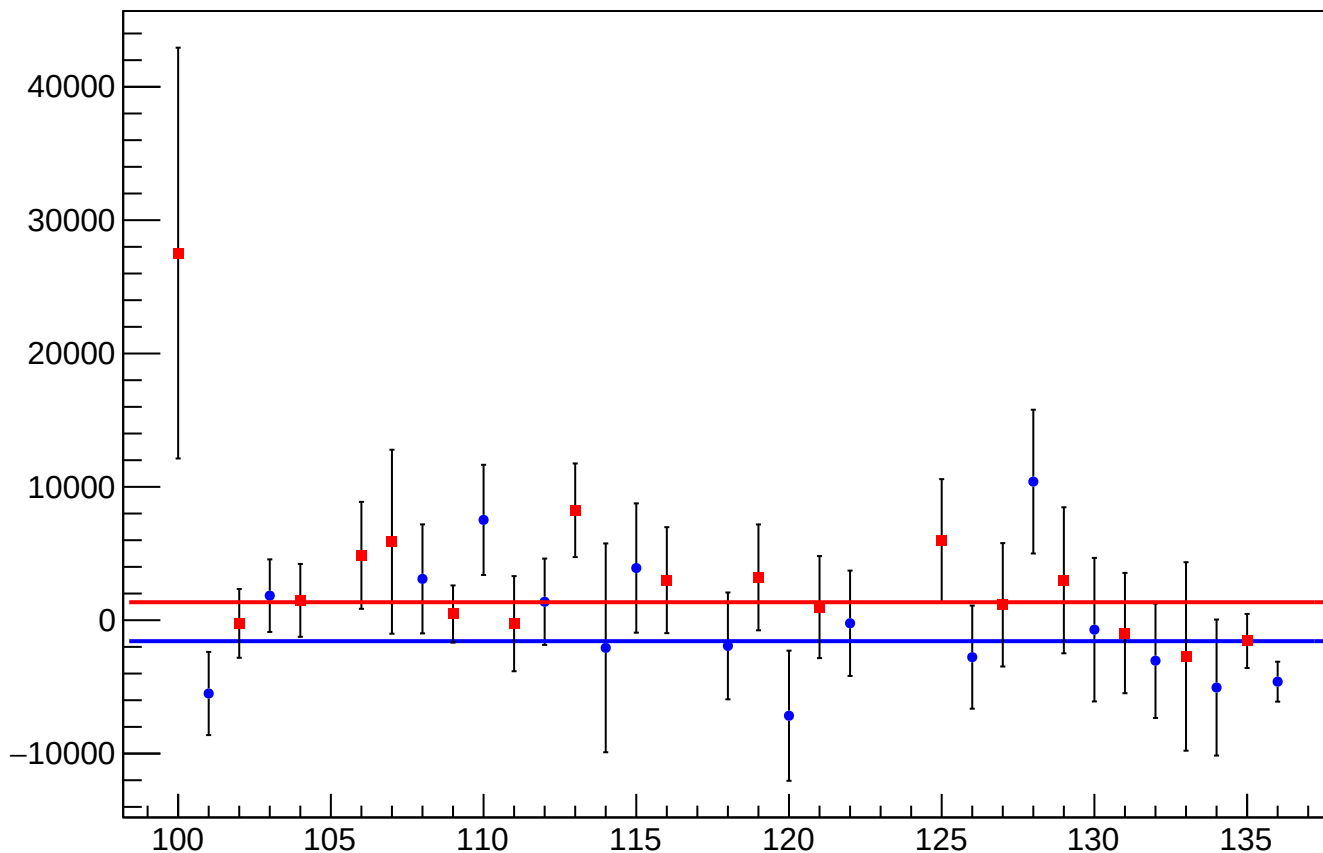
Right: 2123.154+/-0.401 χ^2/NDF : 338890.7/32

In: 2131.298+/-0.564 χ^2/NDF : 175943.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2123.154+/-0.401 χ^2/NDF : 338890.7/32

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -1571.058+/-859.757 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1350.170+/-850.368 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

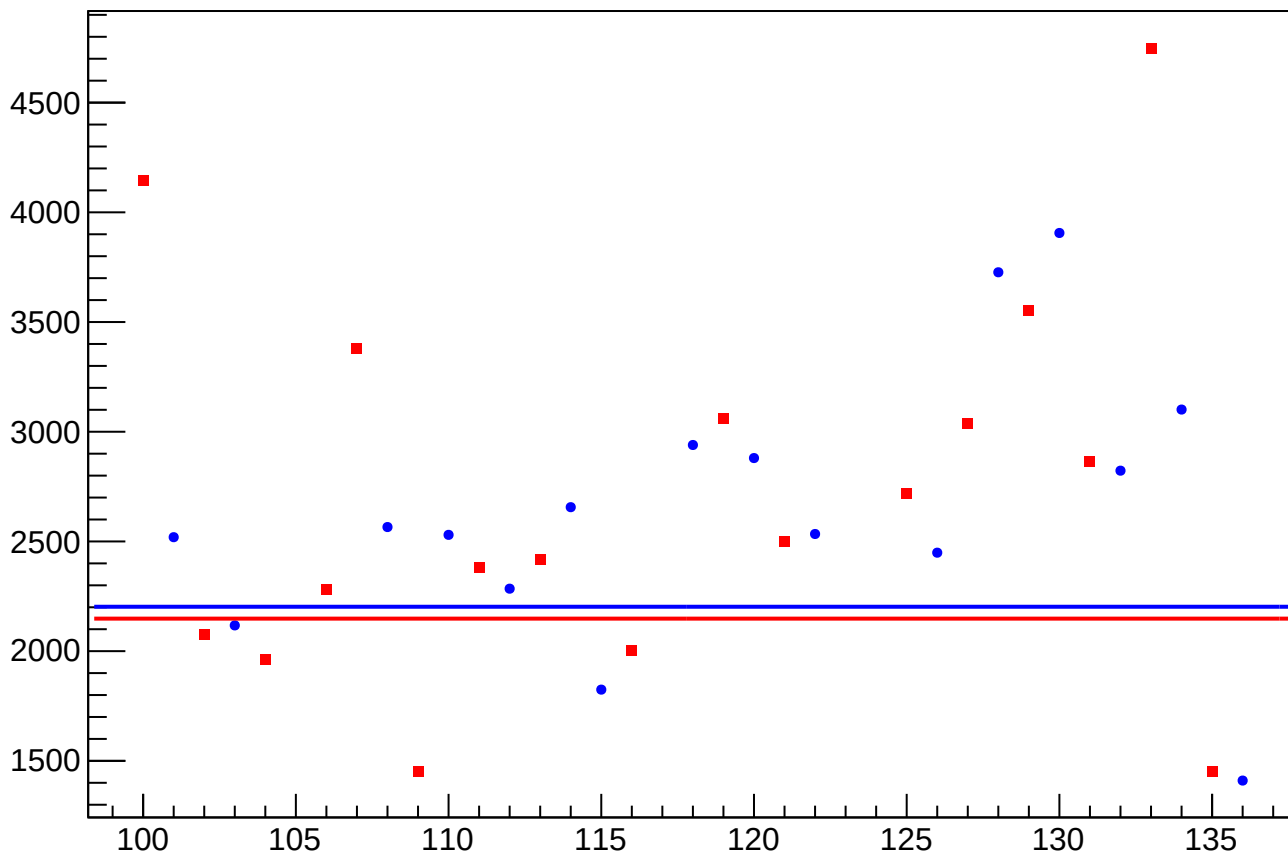
Right: -94.407+/-604.593 χ^2/NDF : 41.3/32

In: -1571.058+/-859.757 χ^2/NDF :22.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -94.407+/-604.593 χ^2/NDF : 41.3/32

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: 2148.242+/-0.601 χ^2/NDF : 1260384.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

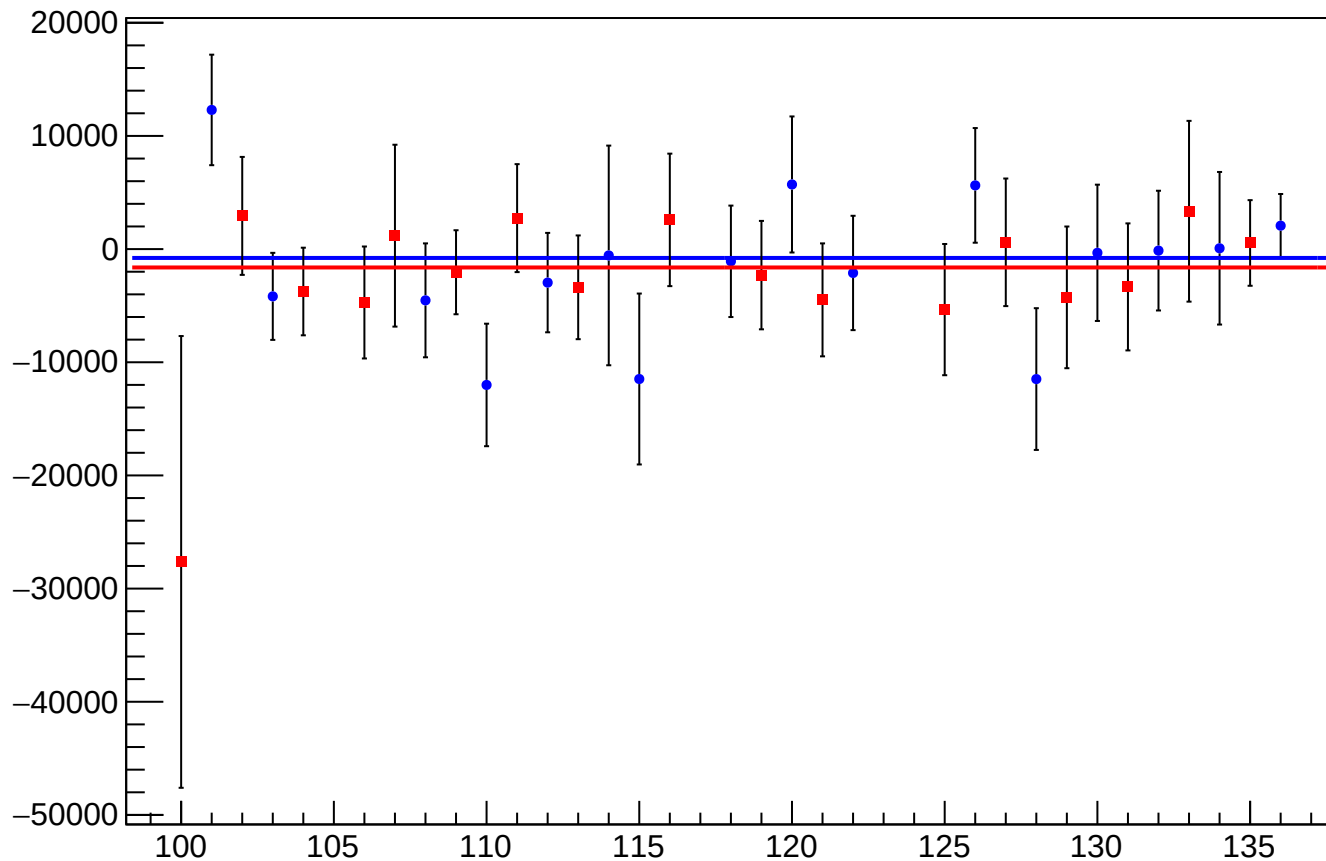
Right: 2175.019+/-0.428 χ^2/NDF : 2487300.5/32

In: 2202.391+/-0.608 χ^2/NDF :1222905.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2175.019+/-0.428 χ^2/NDF : 2487300.5/32

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: -1623.701+/-1246.647 χ^2/NDF : 6.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

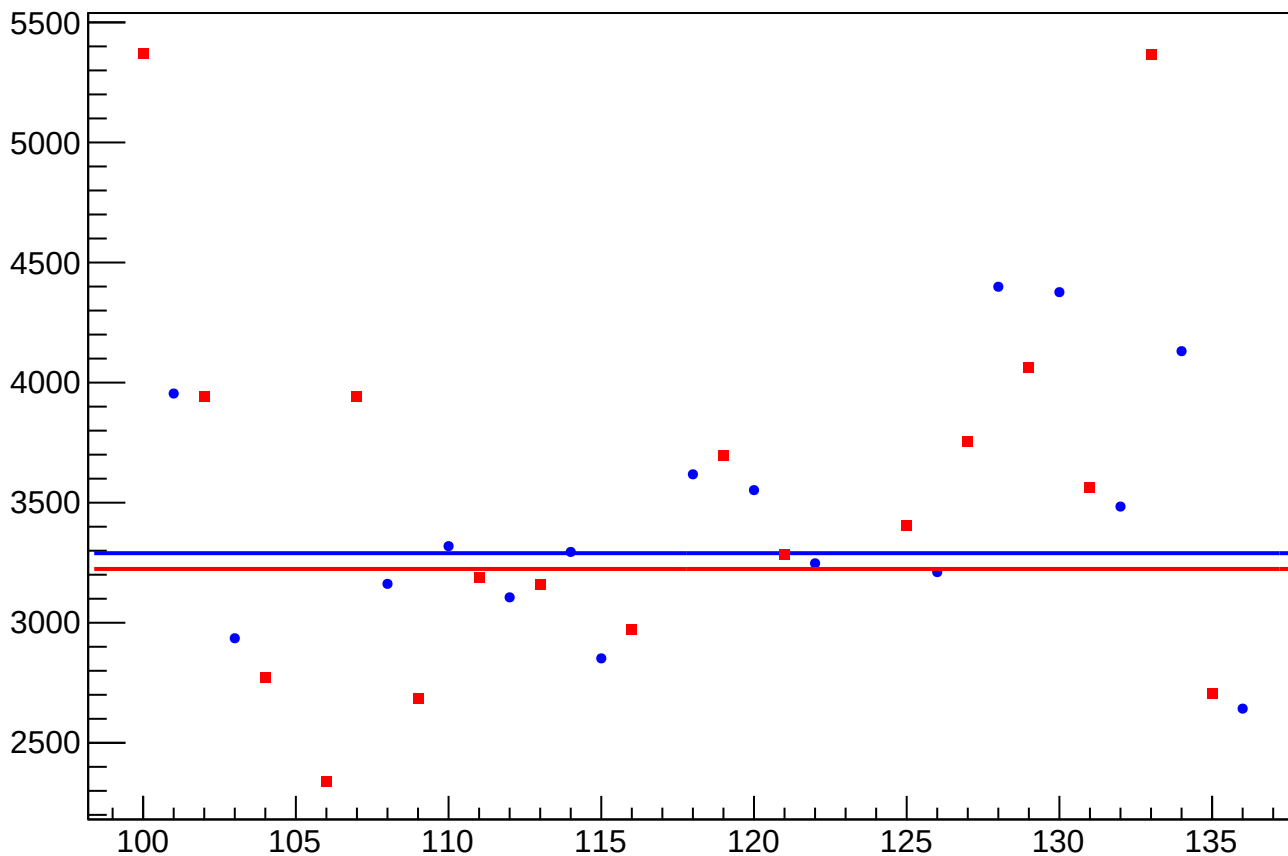
Right: -1200.990+/-879.762 χ^2/NDF : 28.8/32

In: -781.619+/-1241.711 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1200.990+/-879.762 χ^2/NDF : 28.8/32

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: 3224.005+/-0.881 χ^2/NDF : 479157.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

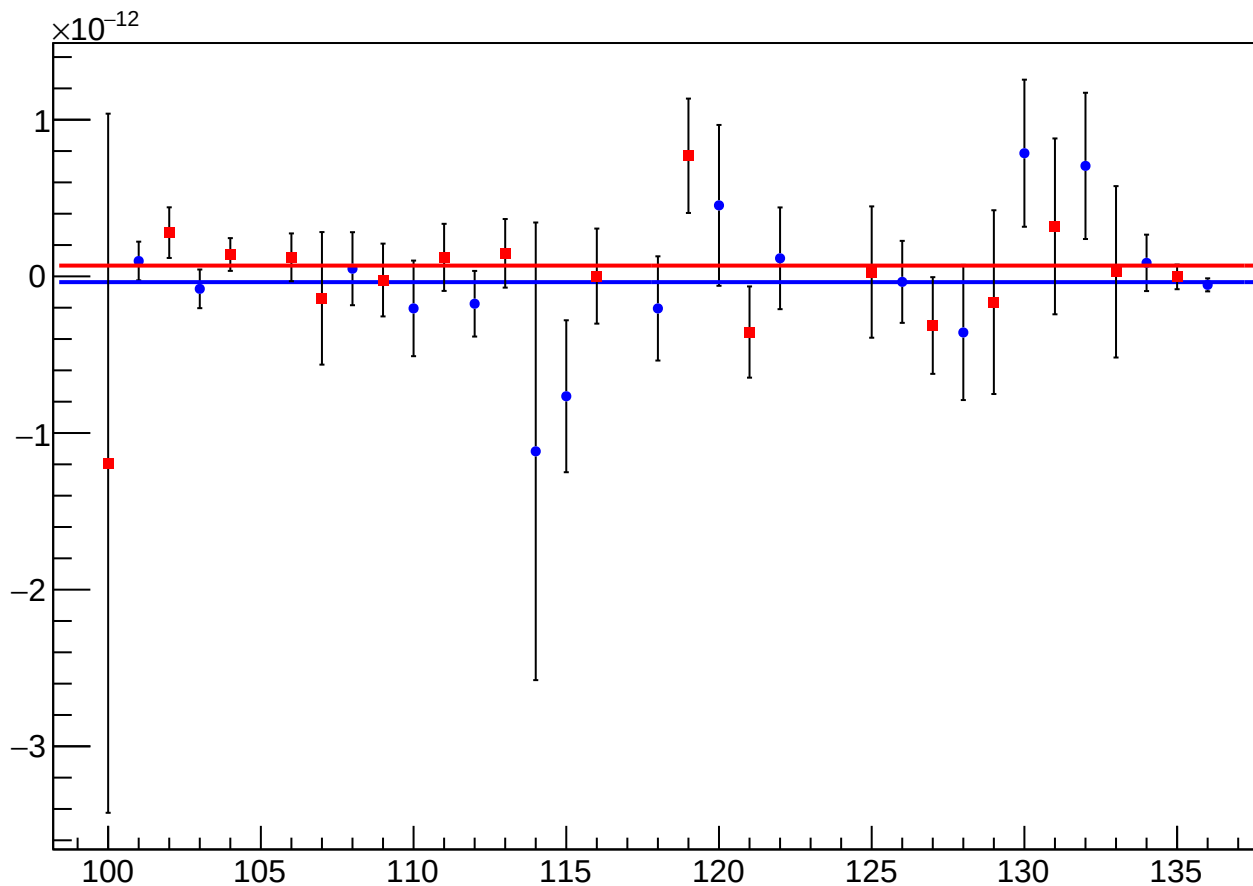
Right: 3256.977+/-0.622 χ^2/NDF : 829538.3/32

In: 3289.690+/-0.878 χ^2/NDF : 347594.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3256.977+/-0.622 χ^2/NDF : 829538.3/32

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 : 11.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

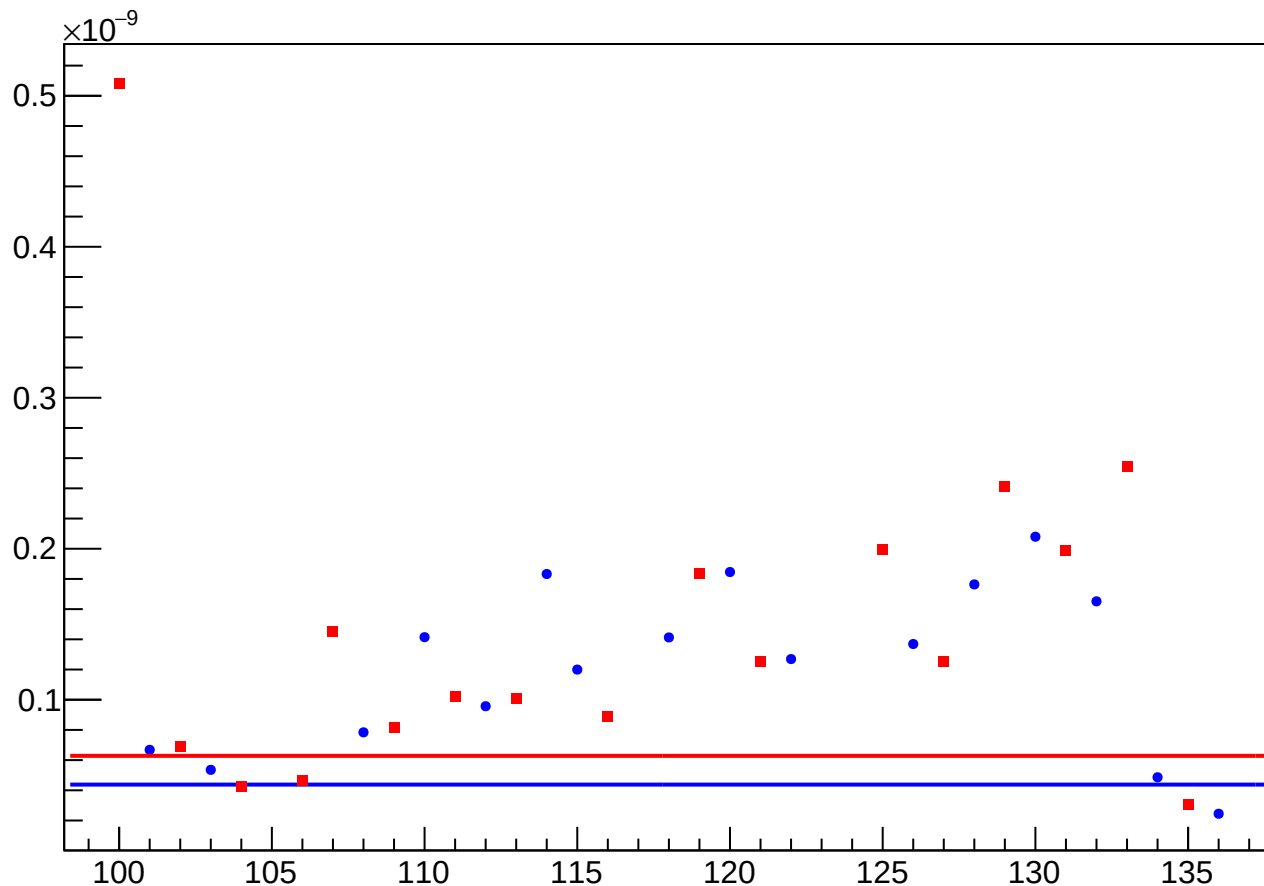
Right: 0.000+/-0.000 χ^2/NDF : 28.3/32

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 : 28.3/32

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 : 1896919.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

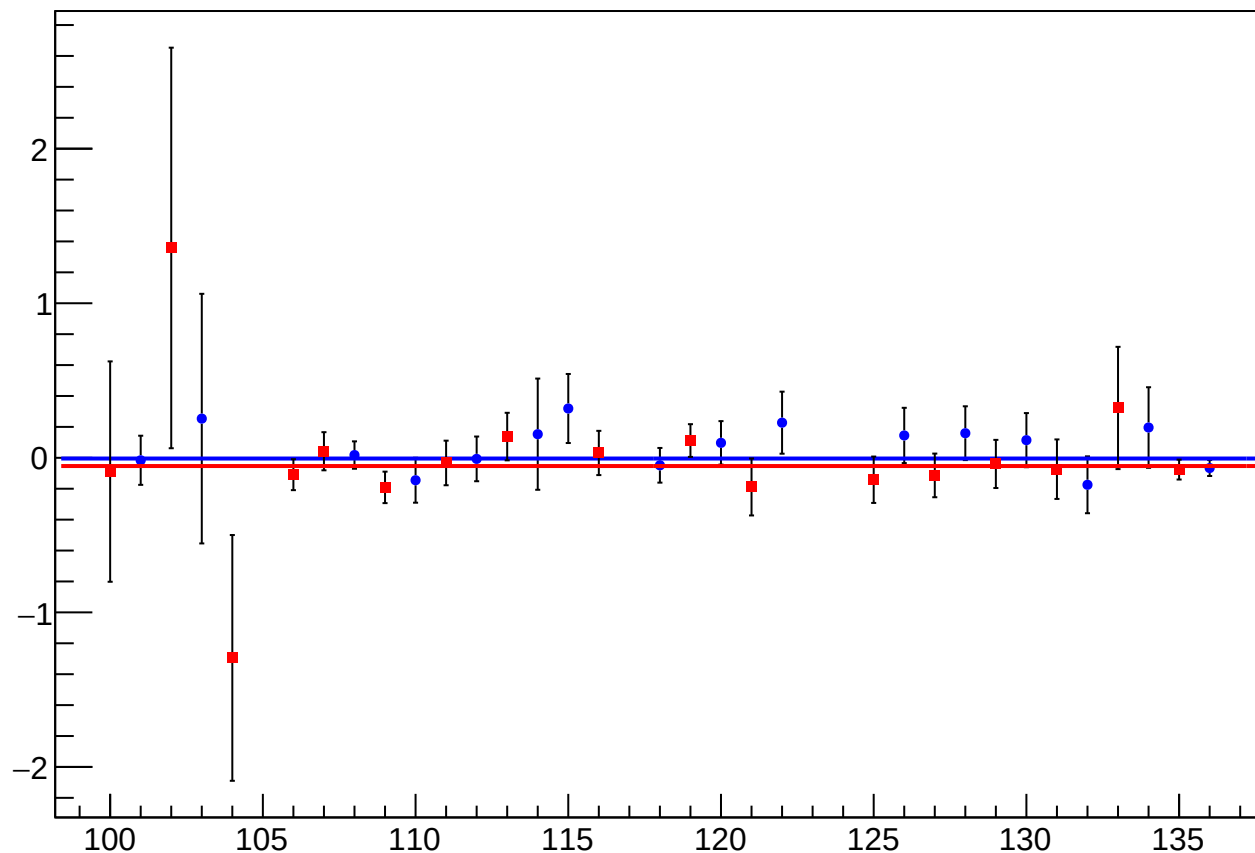
Right: 0.000+/-0.000 χ^2/NDF : 4340340.7/32

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 : 4340340.7/32

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: -0.053 ± 0.033 χ^2/NDF : 12.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

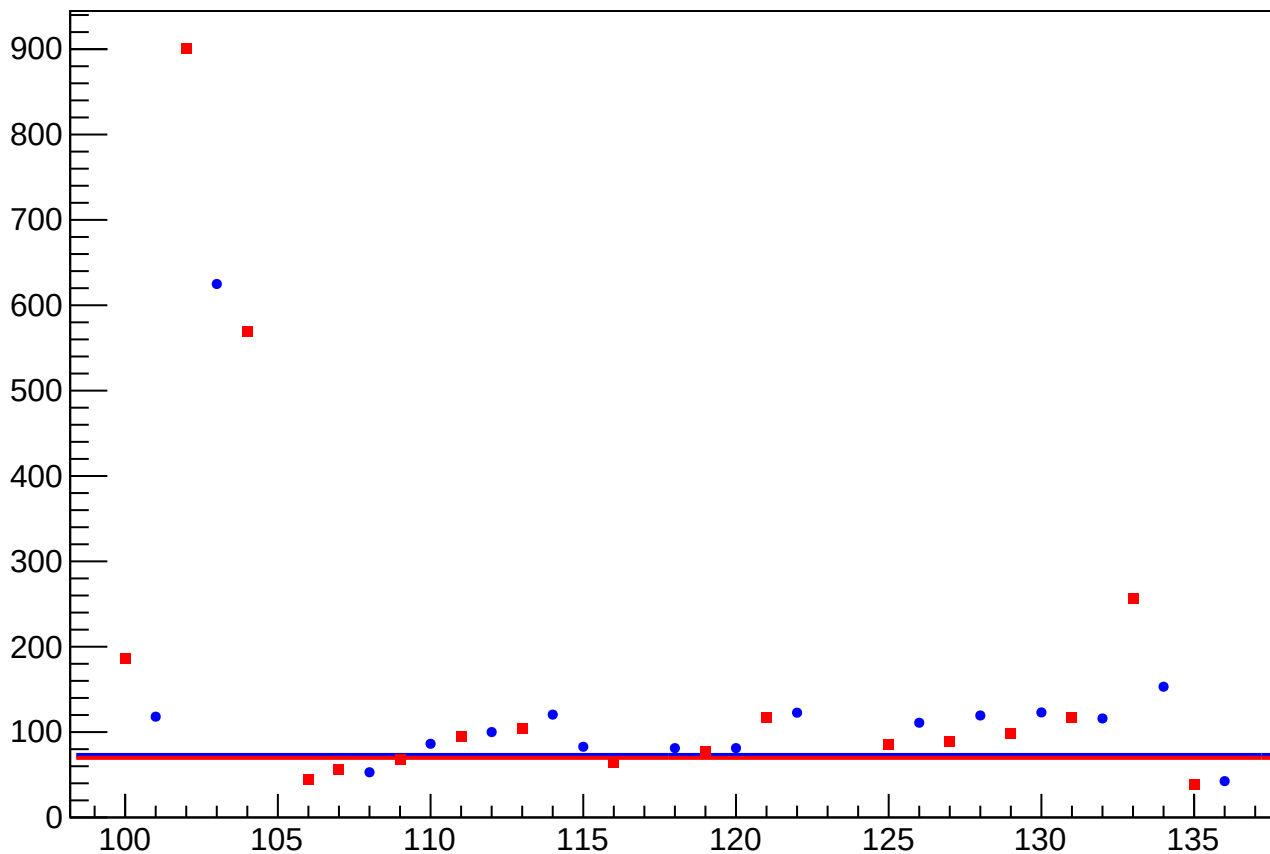
Right: -0.029 ± 0.023 χ^2/NDF : 24.3/32

In: -0.005 ± 0.032 χ^2/NDF : 10.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.023 χ^2/NDF : 24.3/32

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: 69.814+/-0.023 χ^2/NDF : 3296979.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

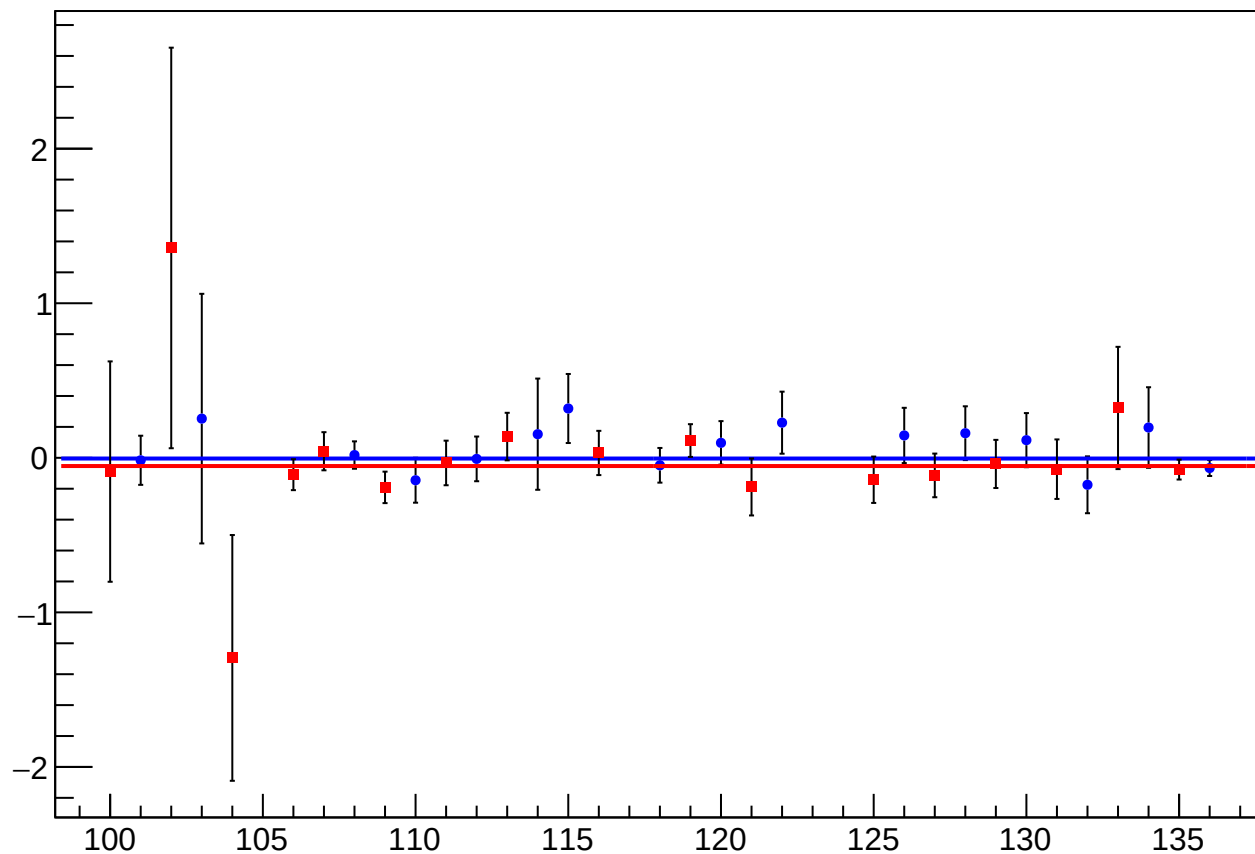
Right: 71.550+/-0.016 χ^2/NDF : 6162673.4/32

In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.550+/-0.016 χ^2/NDF : 6162673.4/32

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: -0.053 ± 0.033 $\chi^2/\text{NDF}: 12.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

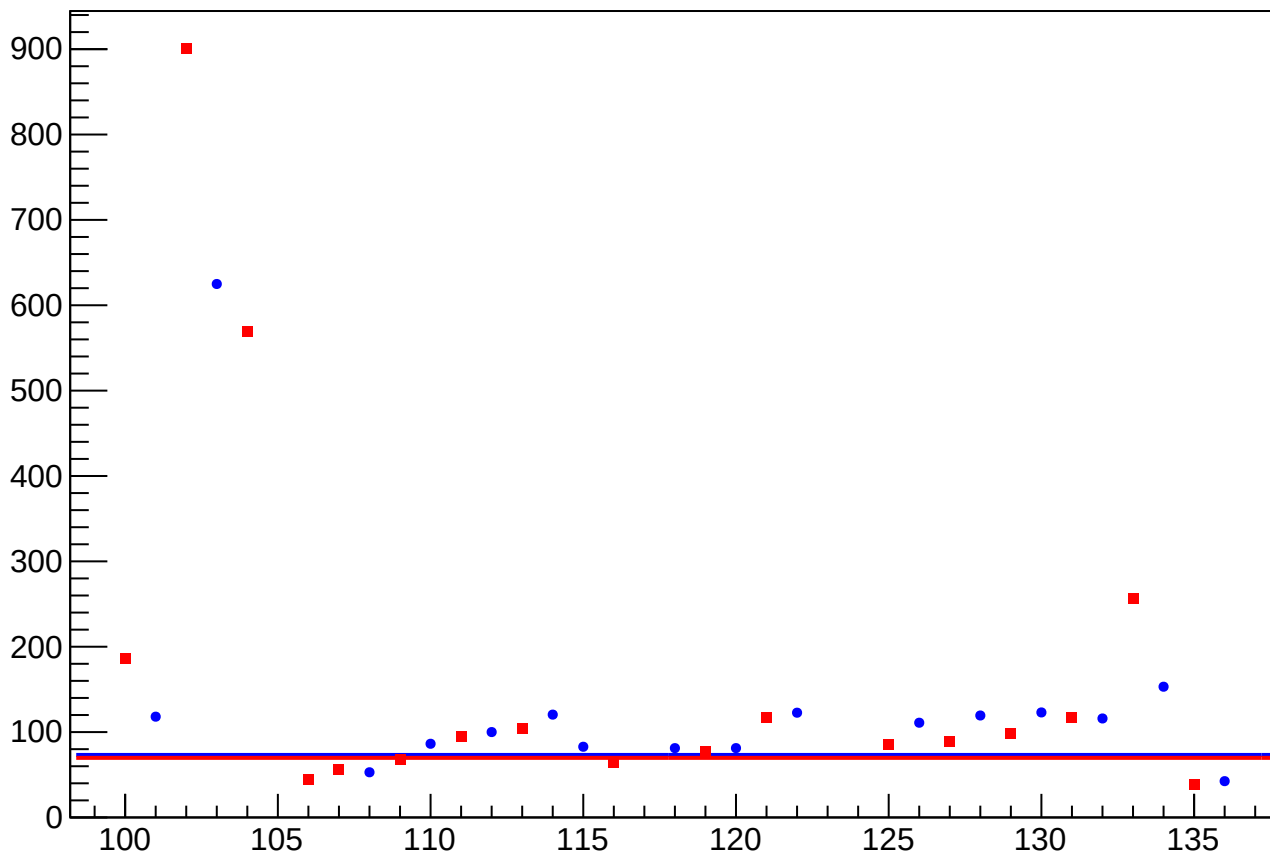
Right: -0.029 ± 0.023 $\chi^2/\text{NDF}: 24.3/32$

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: -0.029 ± 0.023 $\chi^2/\text{NDF}: 24.3/32$

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: 69.814+/-0.023 χ^2/NDF : 3296979.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

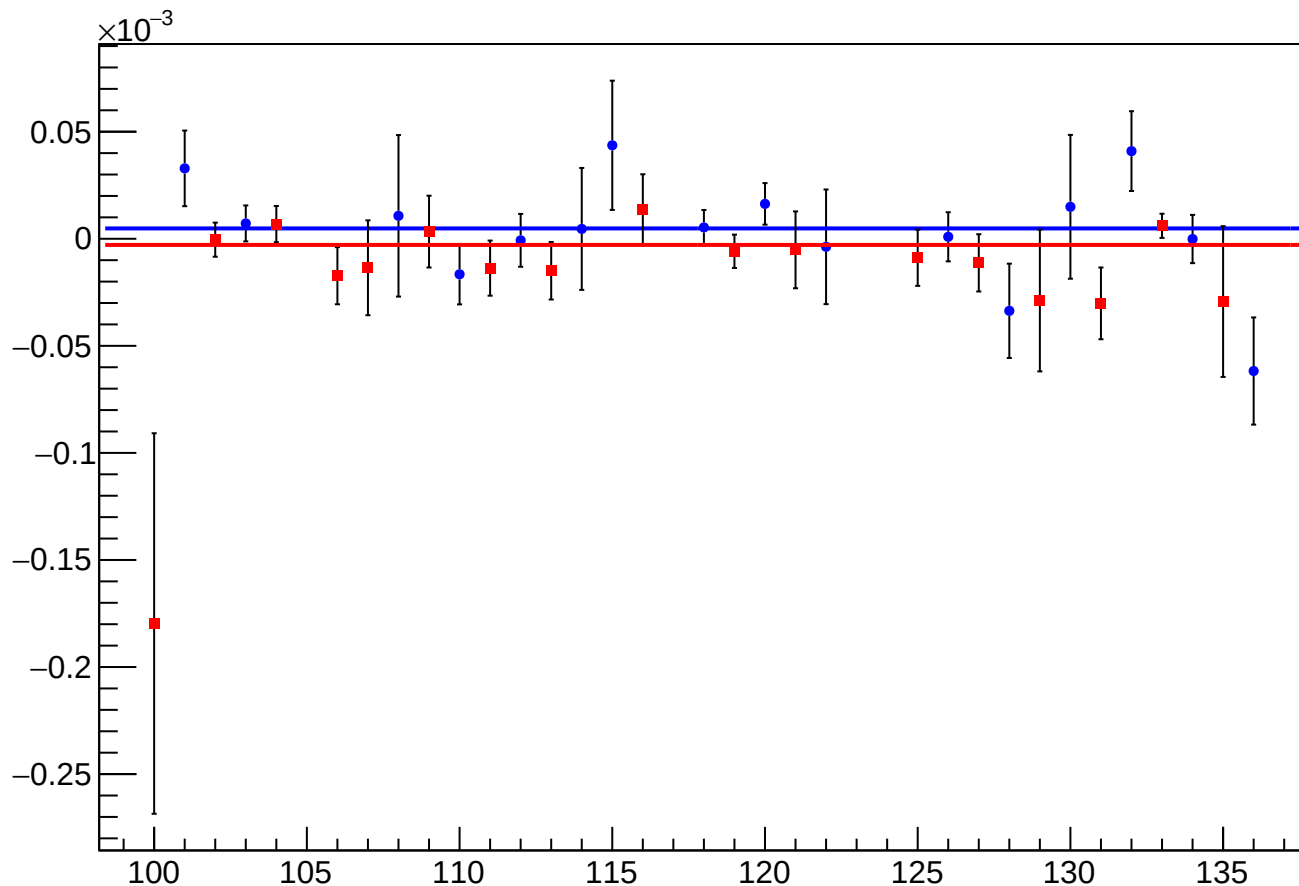
Right: 71.550+/-0.016 χ^2/NDF : 6162673.4/32

In: 73.234+/-0.023 χ^2/NDF : 2854601.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.550+/-0.016 χ^2/NDF : 6162673.4/32

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 : 16.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

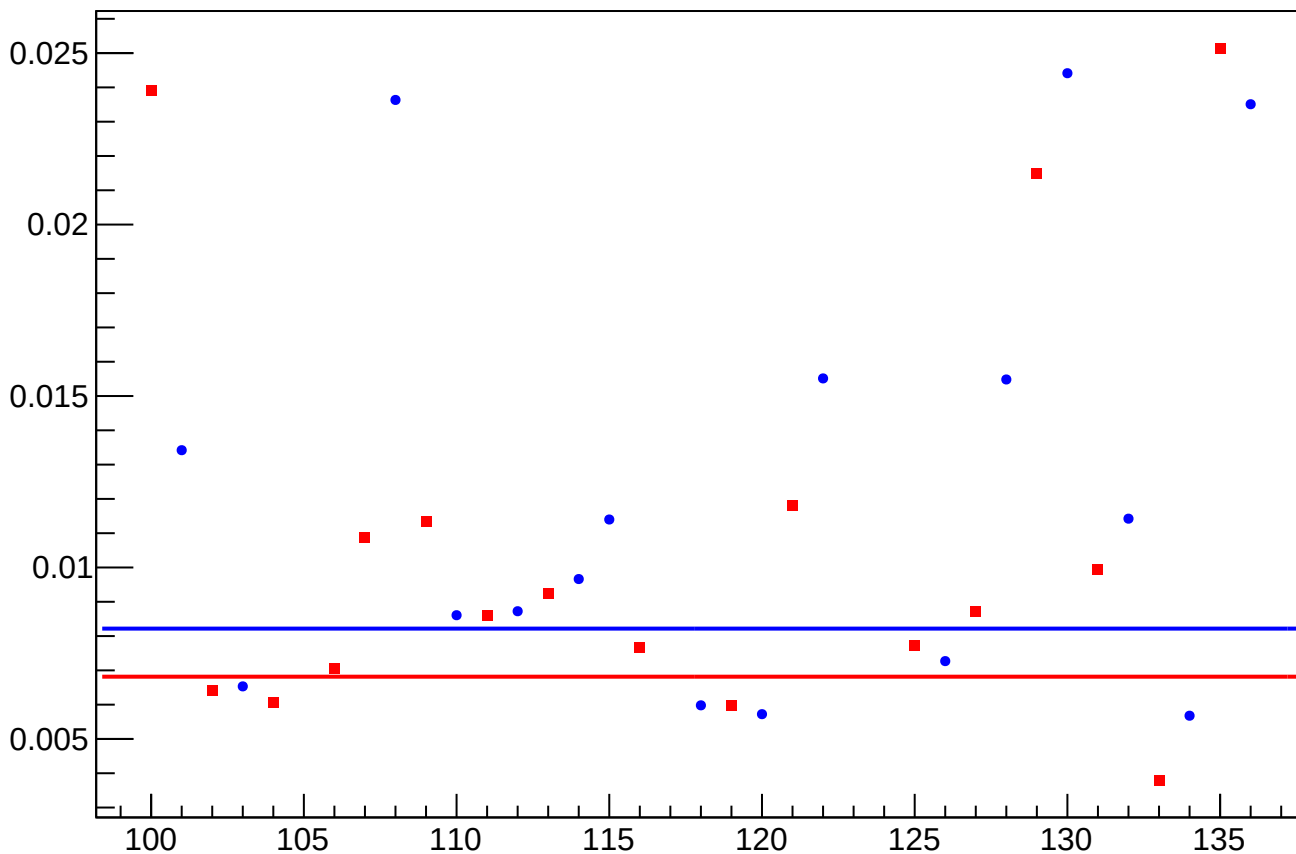
Right: 0.000+/-0.000 χ^2/NDF : 42.0/32

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 : 42.0/32

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 : 2226708.8/16

Left 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 : 5076960.8/32

In: 0.008+/-0.000

χ^2/NDF : 2656170.2/15

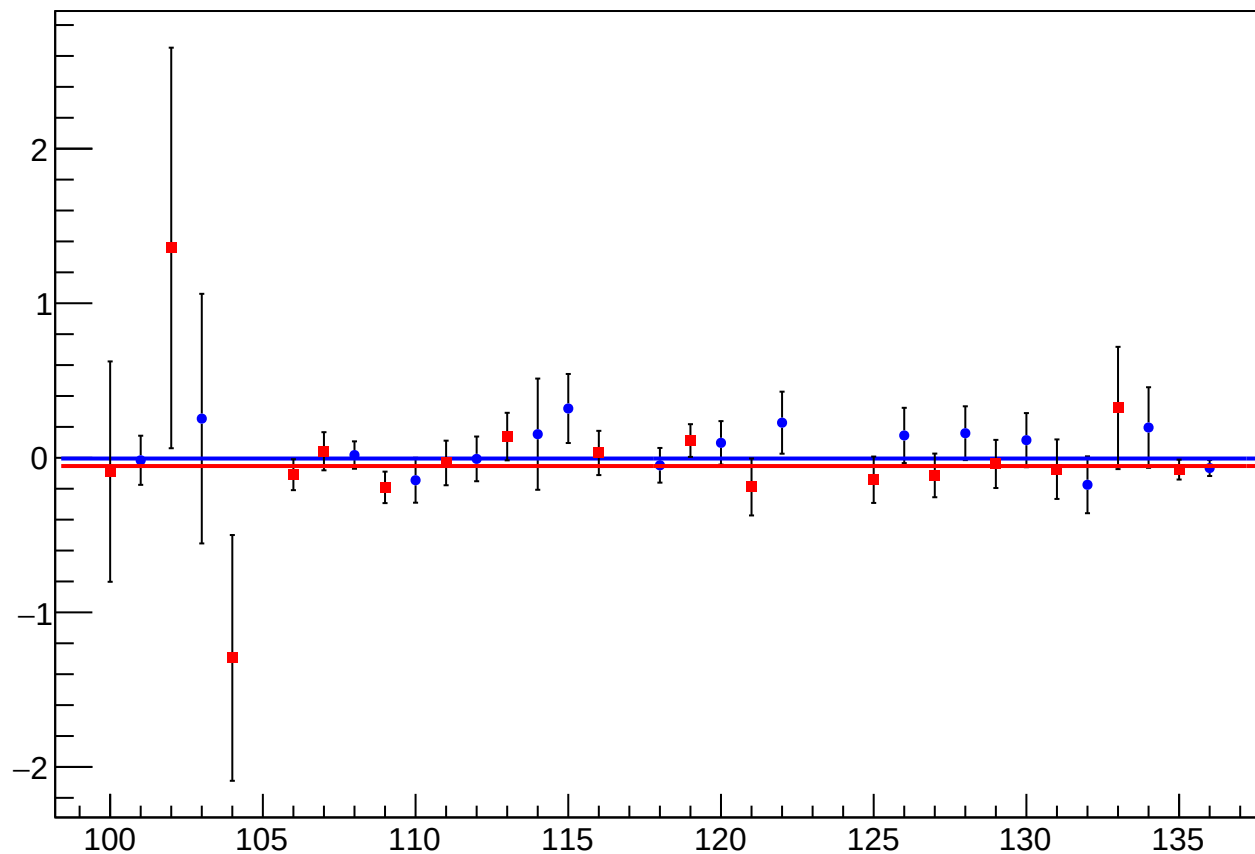
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.007+/-0.000

χ^2/NDF : 5076960.8/32

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_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: -0.053 ± 0.033 $\chi^2/\text{NDF}: 12.8/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

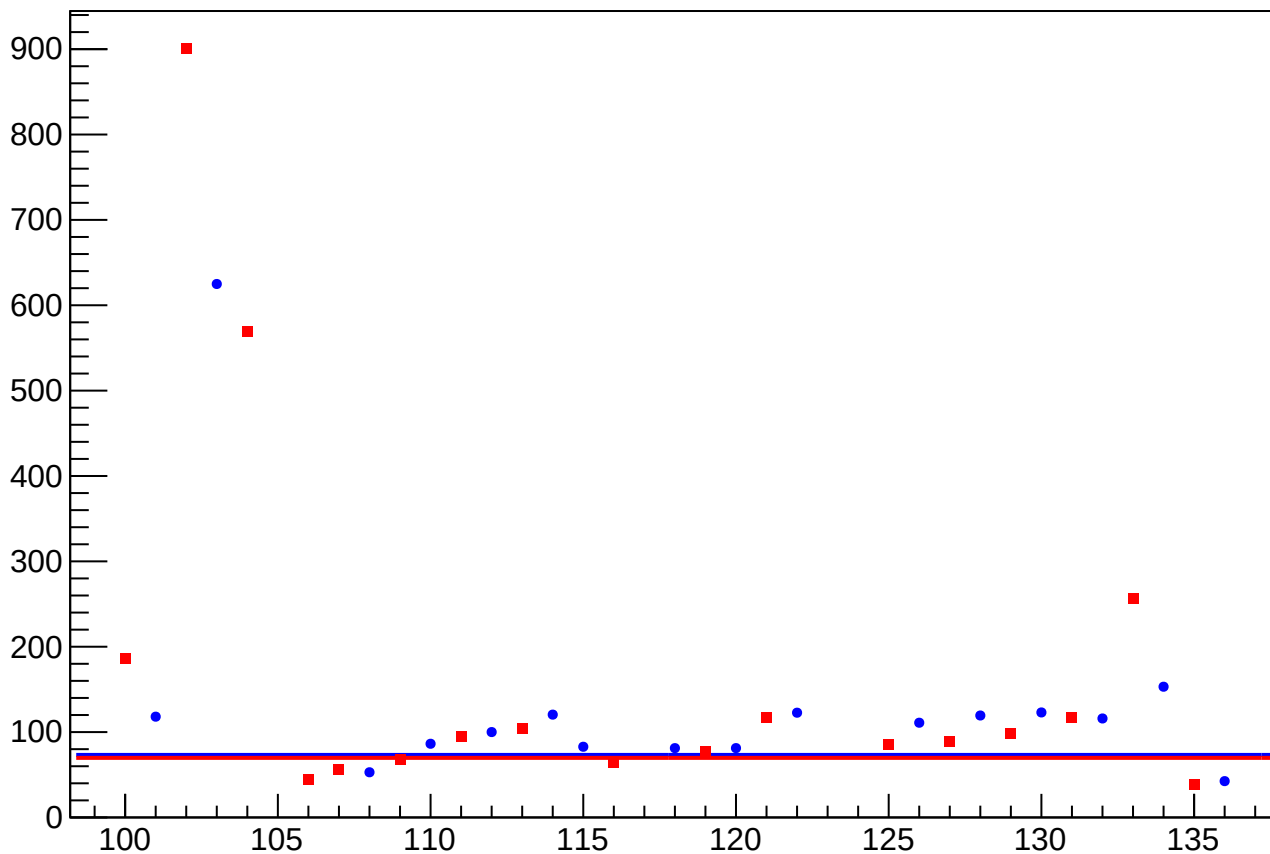
Right: -0.029 ± 0.023 $\chi^2/\text{NDF}: 24.3/32$

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: -0.029 ± 0.023 $\chi^2/\text{NDF}: 24.3/32$

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: 69.801+/-0.023 χ^2/NDF : 3298086.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

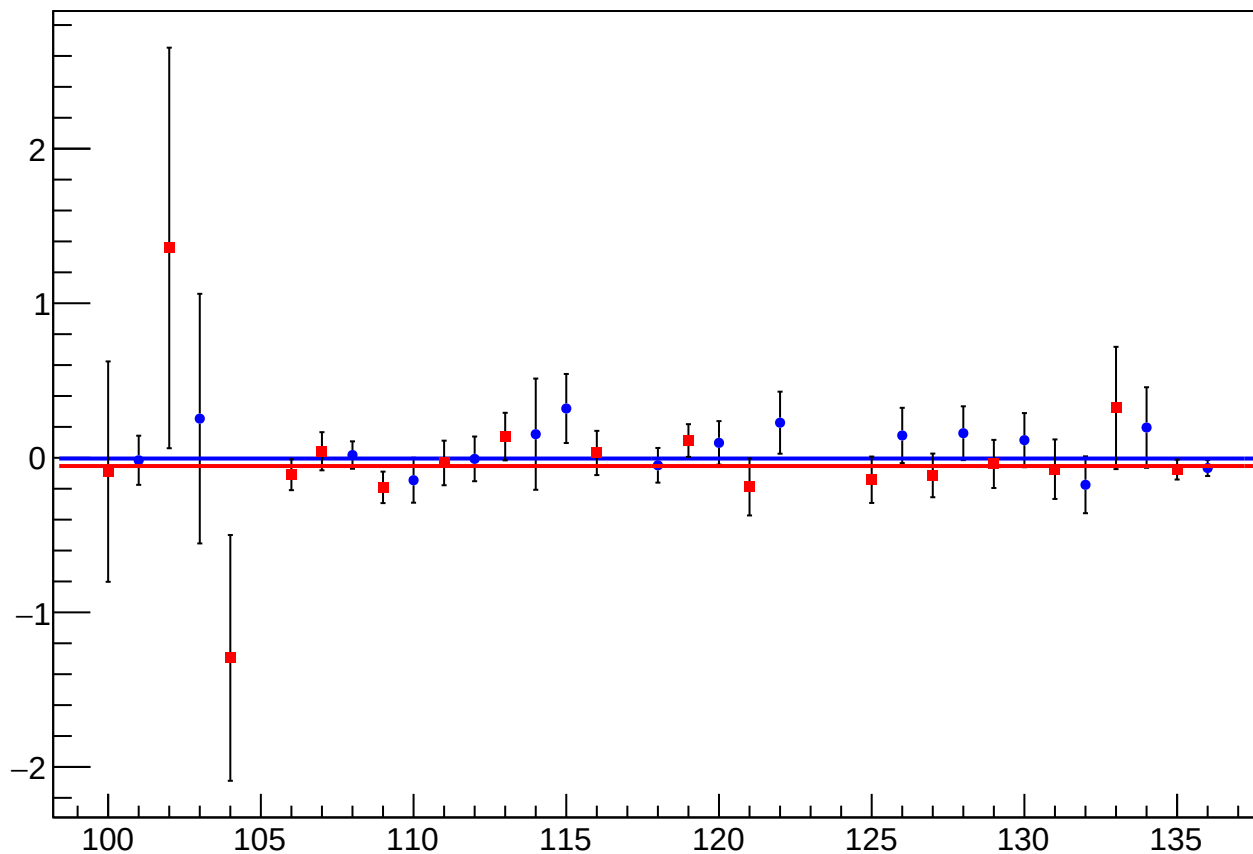
Right: 71.556+/-0.016 χ^2/NDF : 6161734.9/32

In: 73.260+/-0.023 χ^2/NDF : 2852306.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.556+/-0.016 χ^2/NDF : 6161734.9/32

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: -0.053+/-0.033 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

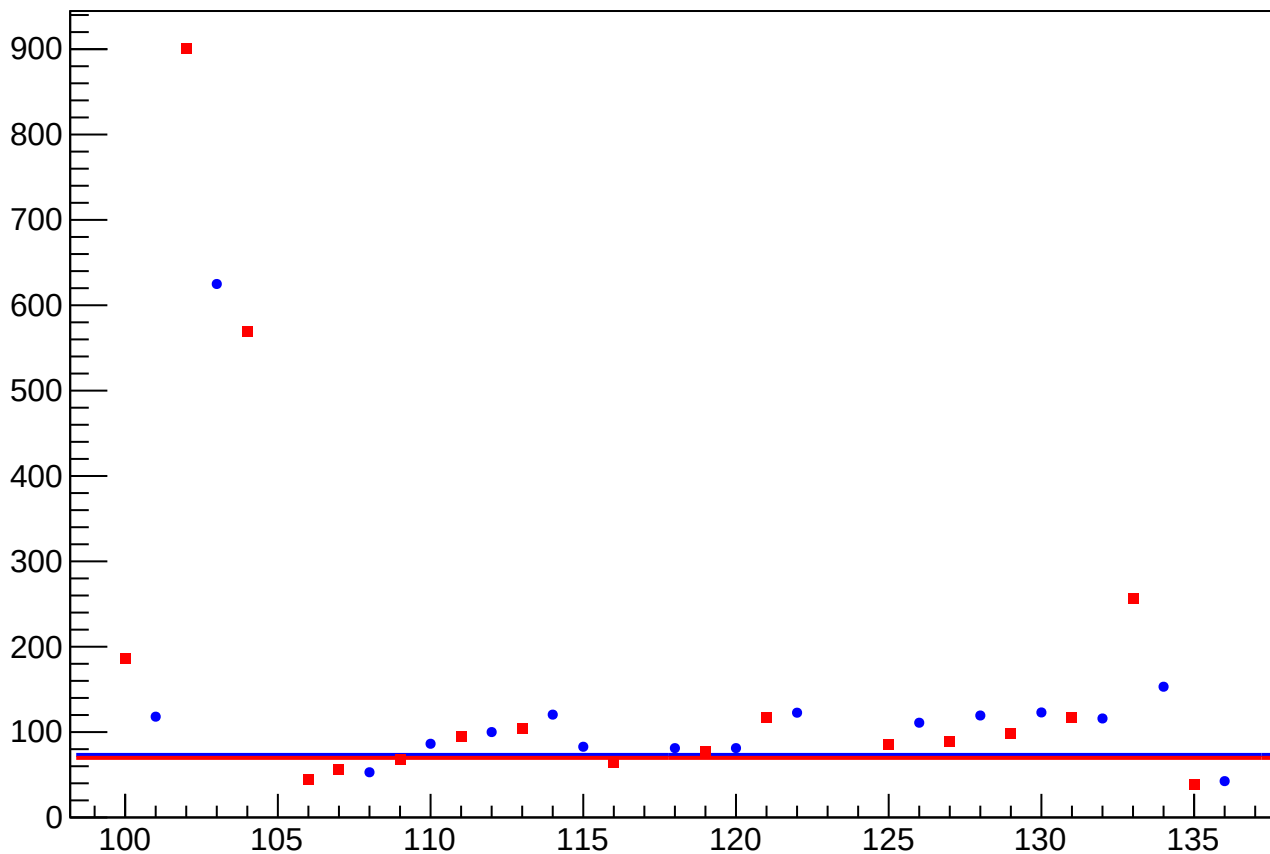
Right: -0.029+/-0.023 χ^2/NDF : 24.3/32

In: -0.005+/-0.032 χ^2/NDF :10.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.029+/-0.023 χ^2/NDF : 24.3/32

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: 69.801+/-0.023 χ^2/NDF : 3298086.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

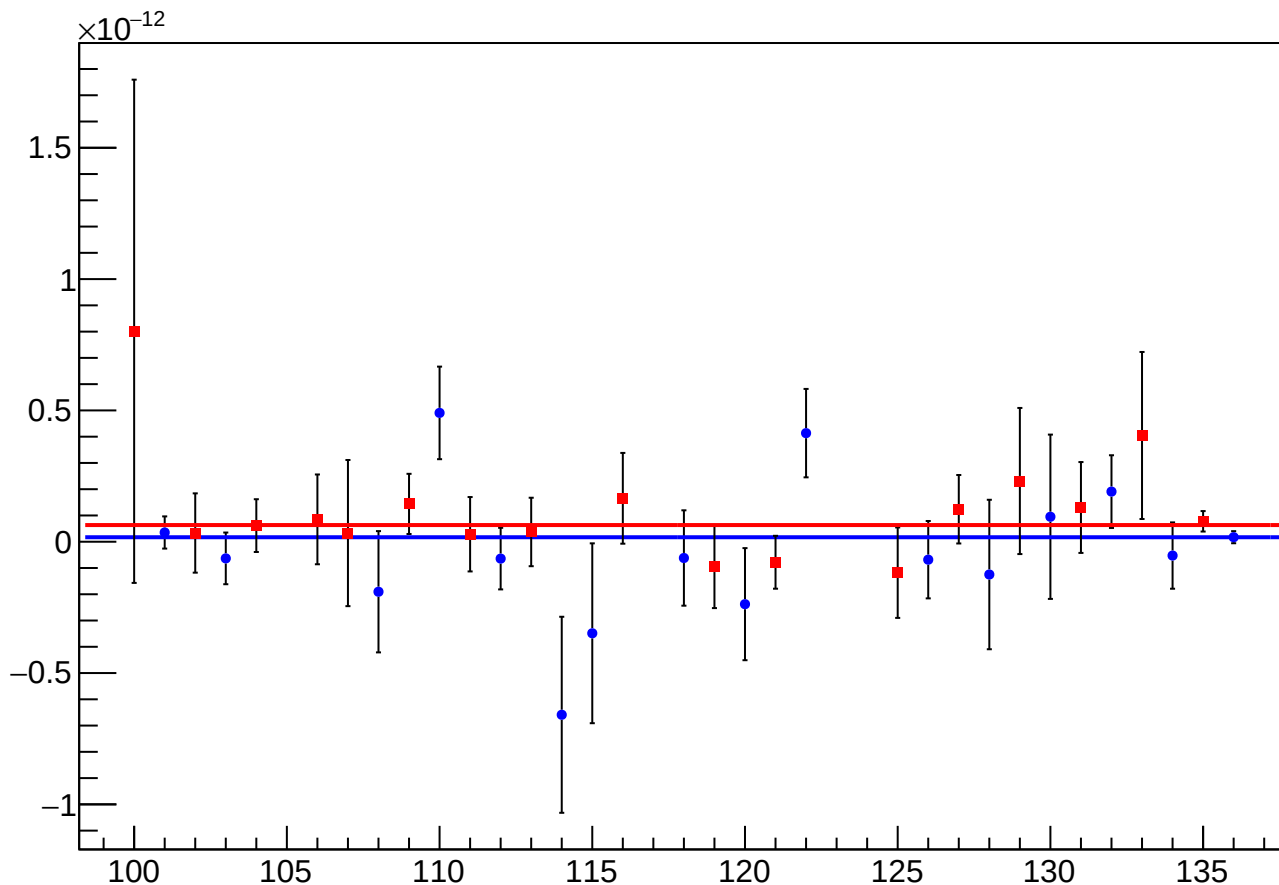
Right: 71.556+/-0.016 χ^2/NDF : 6161734.9/32

In: 73.260+/-0.023 χ^2/NDF :2852306.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 71.556+/-0.016 χ^2/NDF : 6161734.9/32

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 : 7.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

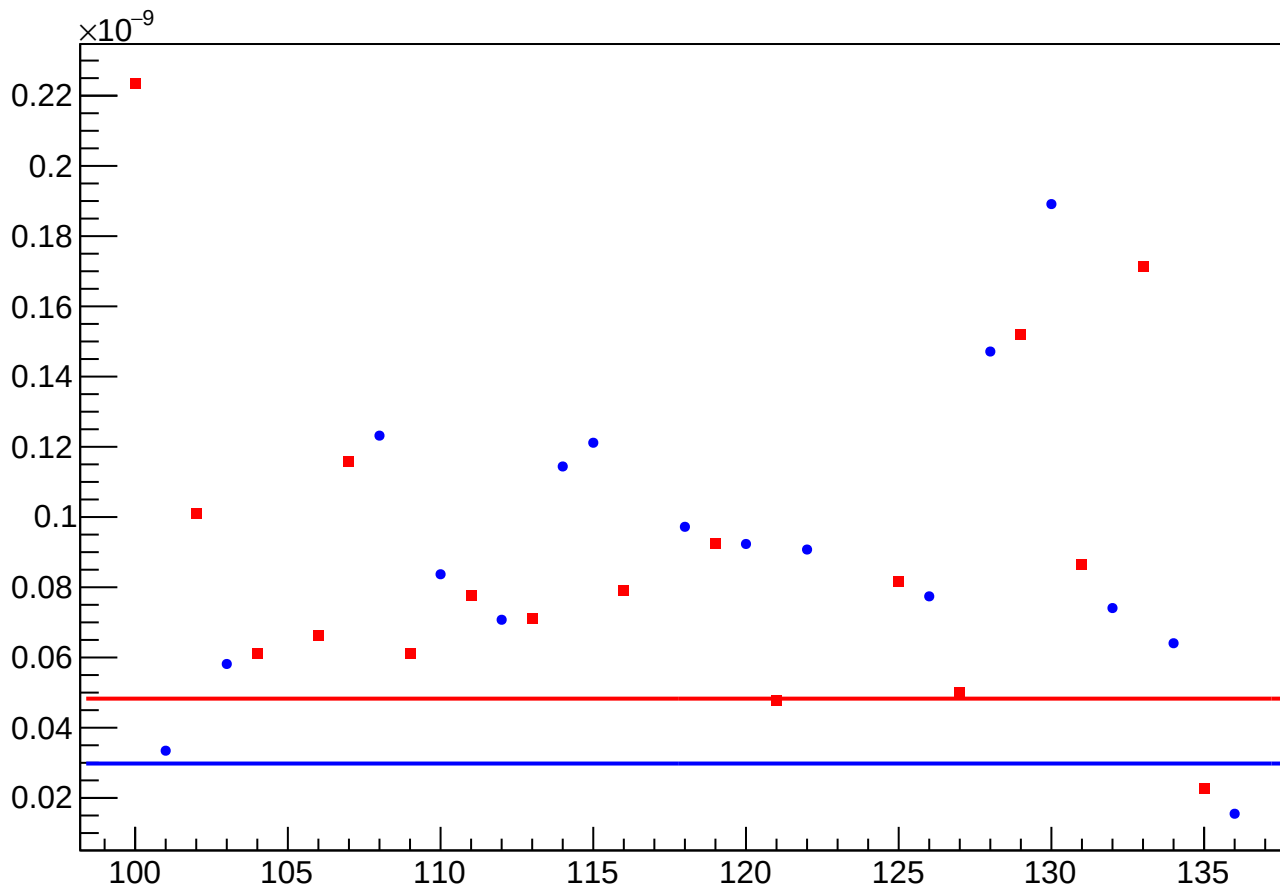
Right: 0.000+/-0.000 χ^2/NDF : 33.1/32

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 : 33.1/32

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 : 2496926.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

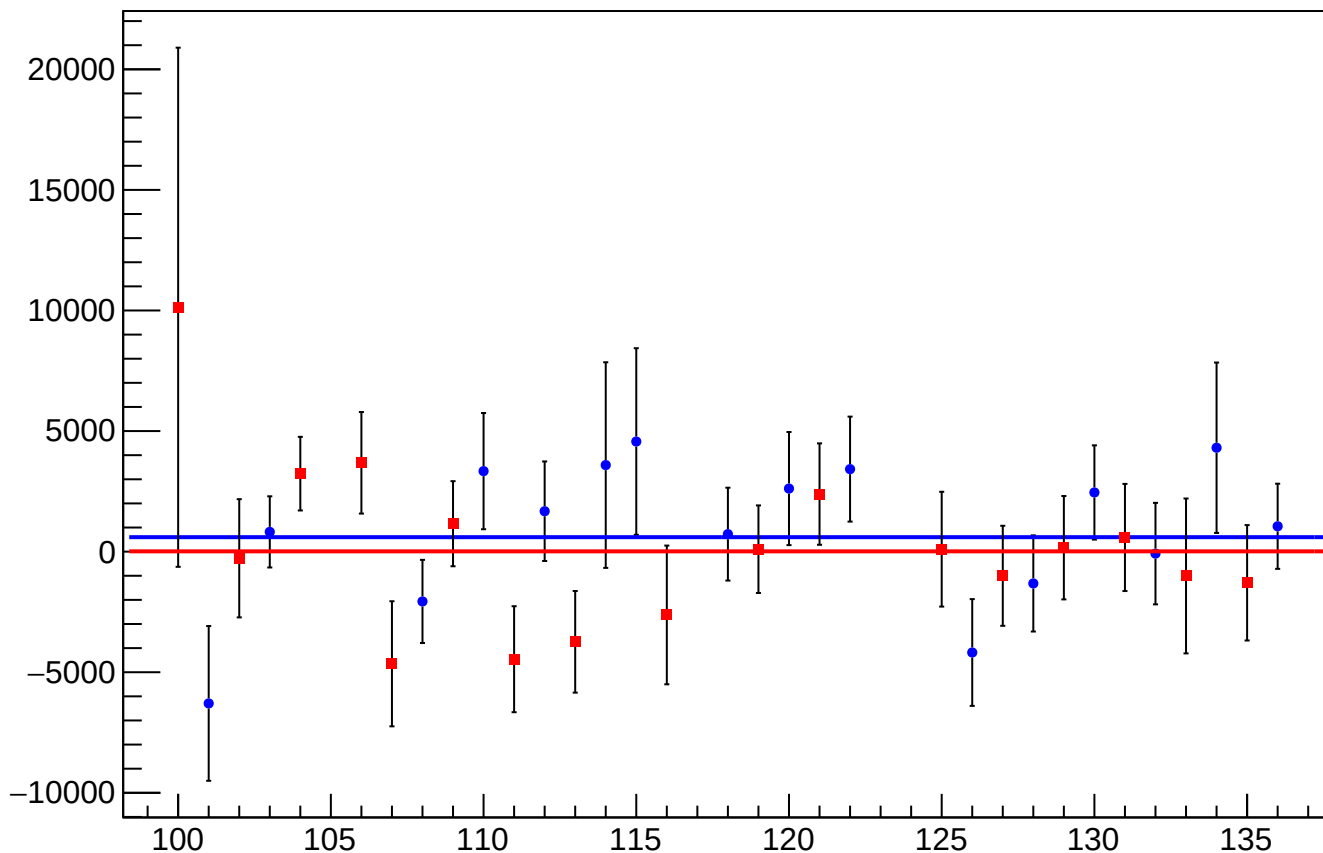
Right: 0.000+/-0.000 χ^2/NDF : 7191431.8/32

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 : 7191431.8/32

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 600.146+/-540.053 χ^2/NDF : 20.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.044+/-535.776 χ^2/NDF : 22.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

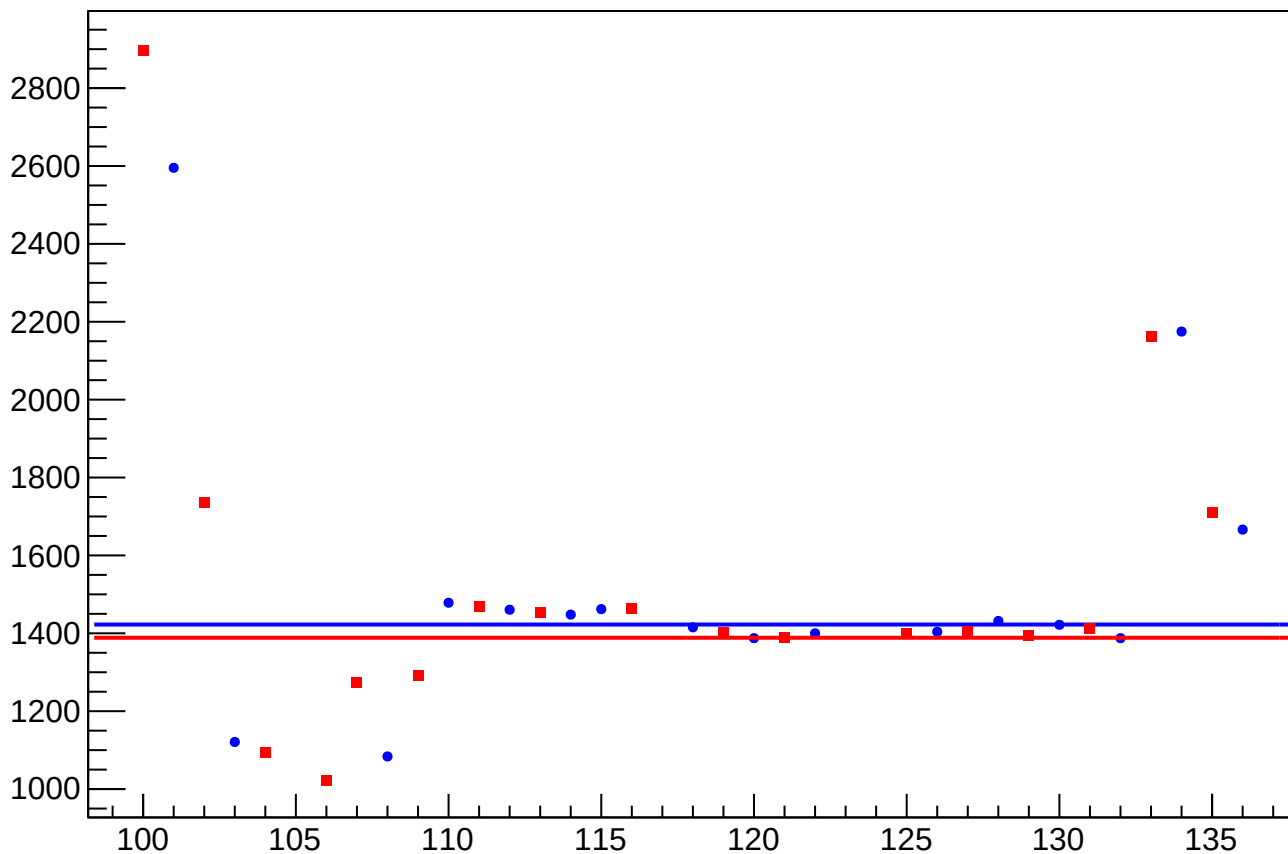
Right: 304.261+/-380.354 χ^2/NDF : 43.1/32

In: 600.146+/-540.053 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.261+/-380.354 χ^2/NDF : 43.1/32

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: 1388.570+/-0.379 χ^2/NDF : 383099.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

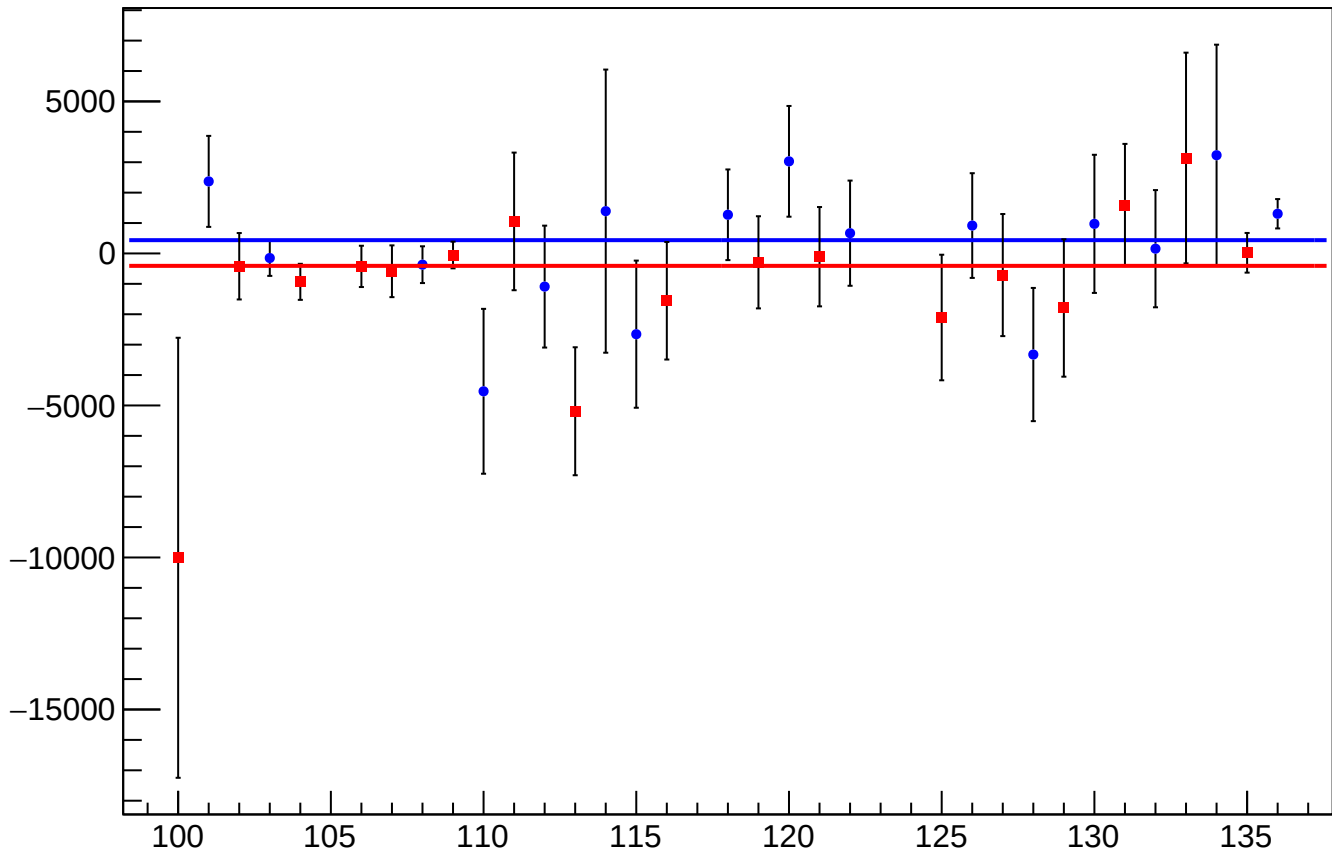
Right: 1405.407+/-0.269 χ^2/NDF : 947341.1/32

In: 1422.515+/-0.382 χ^2/NDF : 560259.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1405.407+/-0.269 χ^2/NDF : 947341.1/32

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: -408.531+/-240.395 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

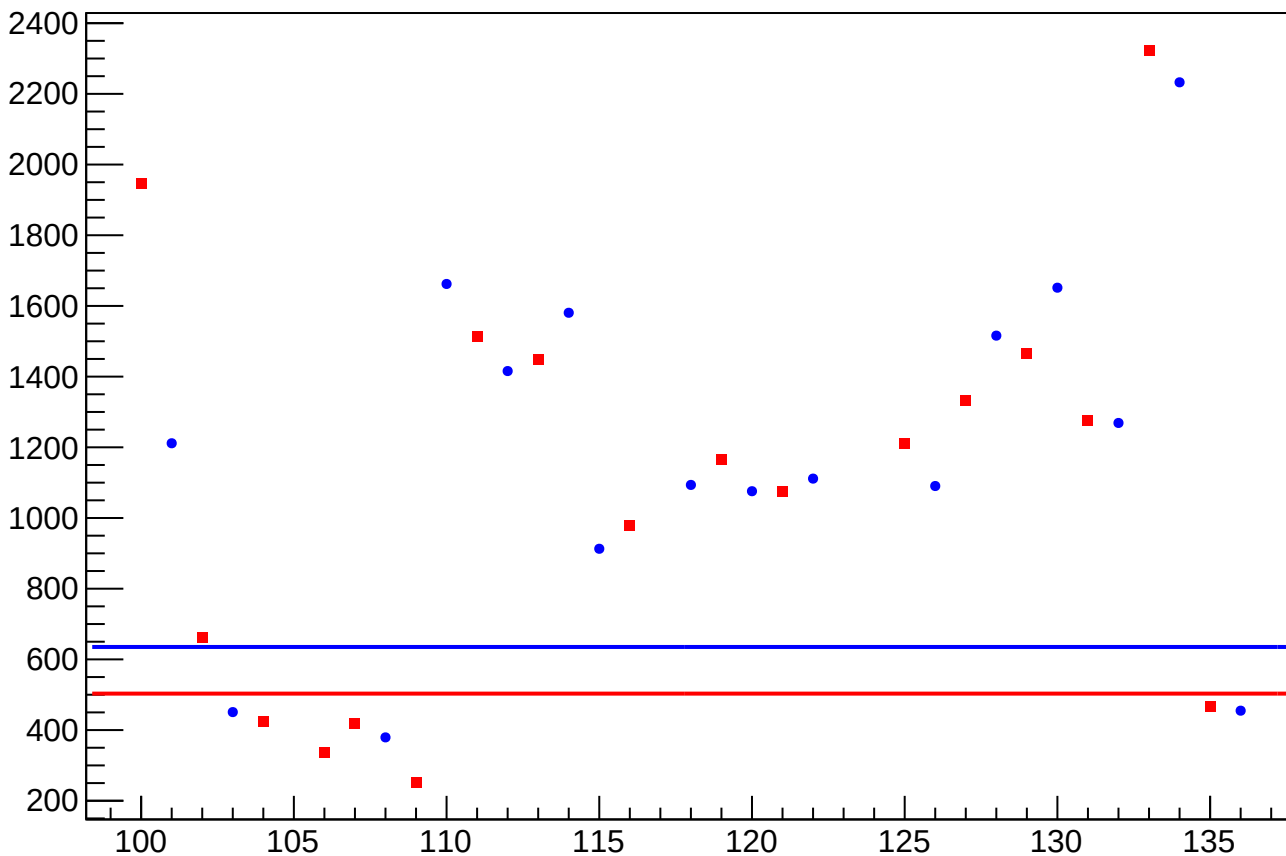
Right: -43.874+/-181.251 χ^2/NDF : 37.5/32

In: 436.509+/-275.917 χ^2/NDF : 19.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.874+/-181.251 χ^2/NDF : 37.5/32

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: 503.147+/-0.170 χ^2/NDF : 4303701.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

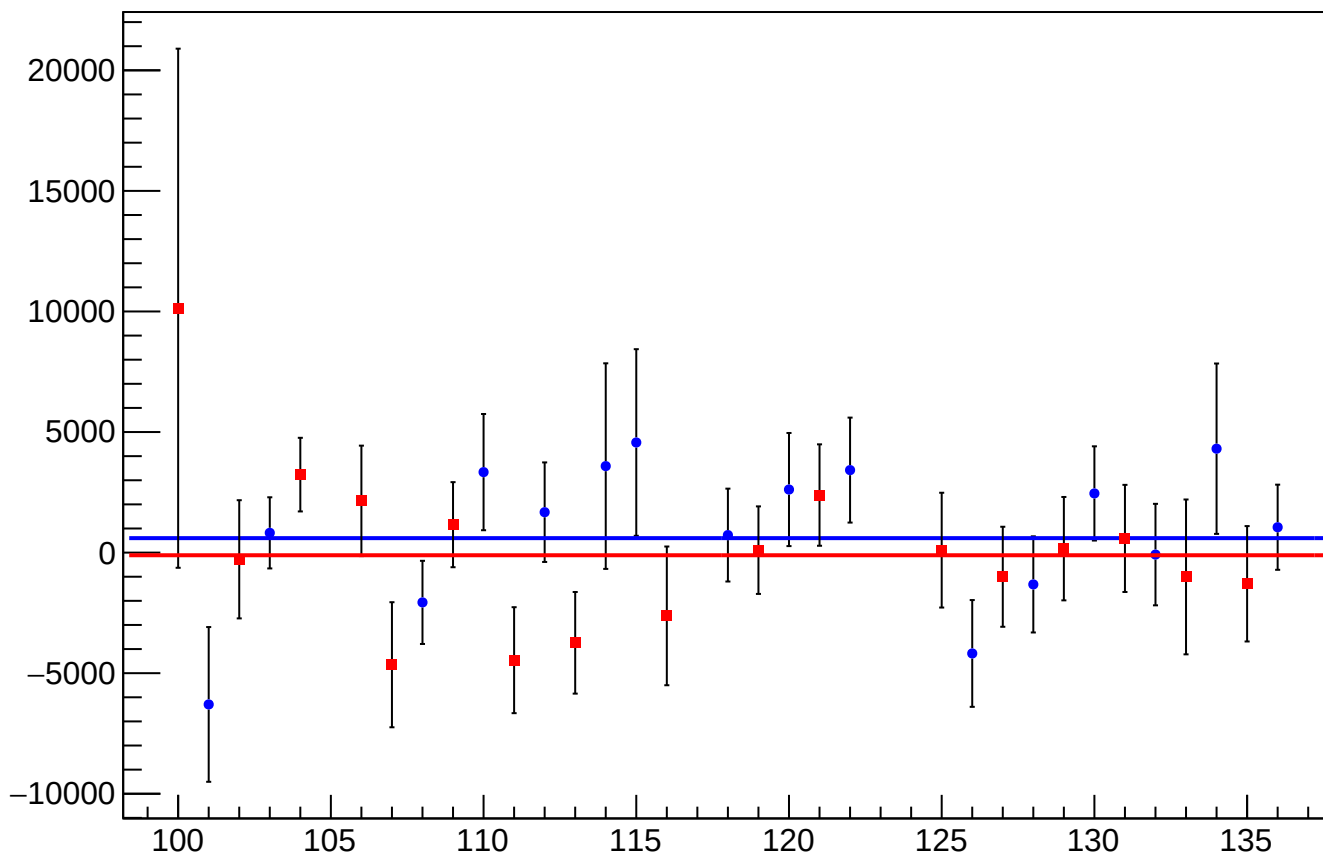
Right: 560.103+/-0.128 χ^2/NDF : 8316451.6/32

In: 635.135+/-0.195 χ^2/NDF : 3752583.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 560.103+/-0.128 χ^2/NDF : 8316451.6/32

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: -109.430+/-538.480 χ^2/NDF : 20.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

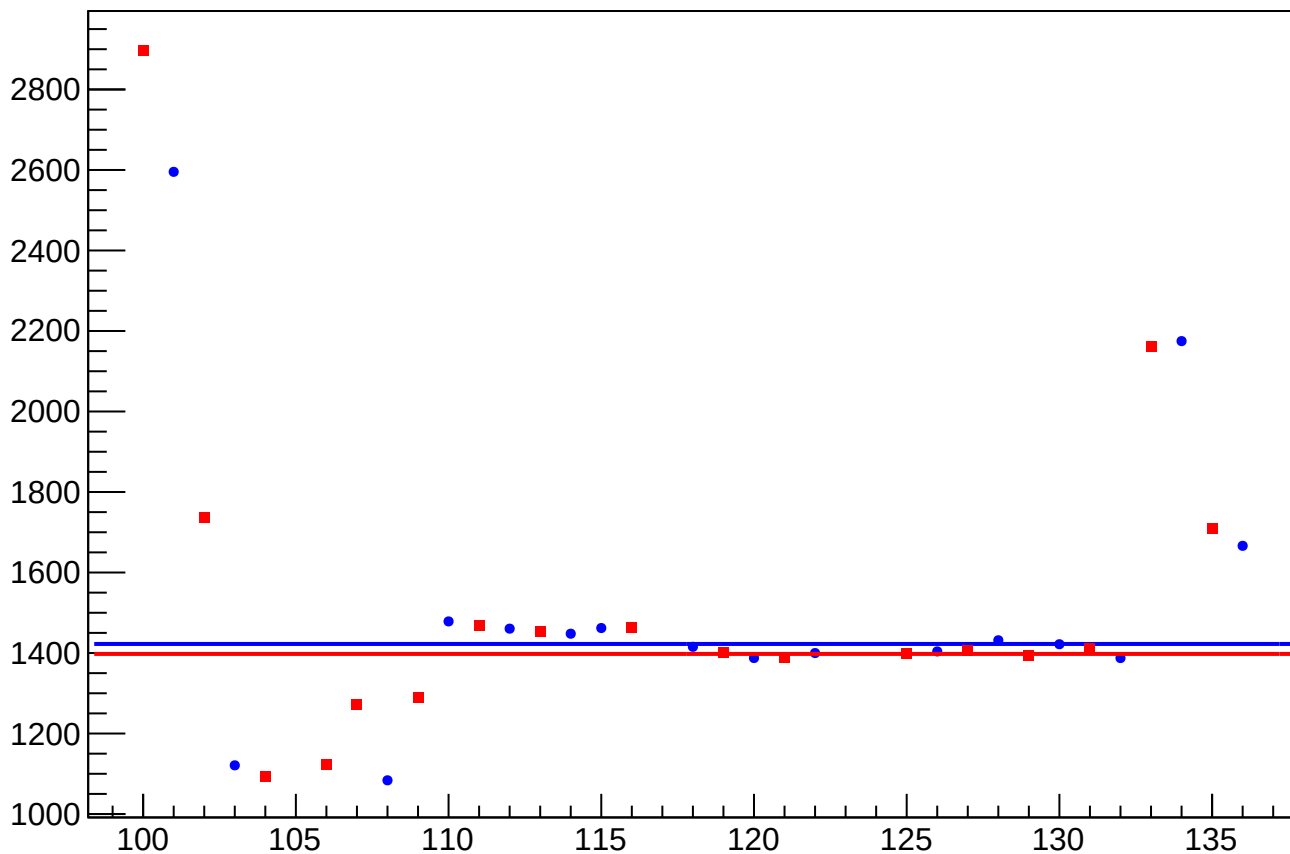
Right: 244.260+/-381.318 χ^2/NDF : 41.2/32

In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.260+/-381.318 χ^2/NDF : 41.2/32

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: 1397.755+/-0.381 χ^2/NDF : 349254.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

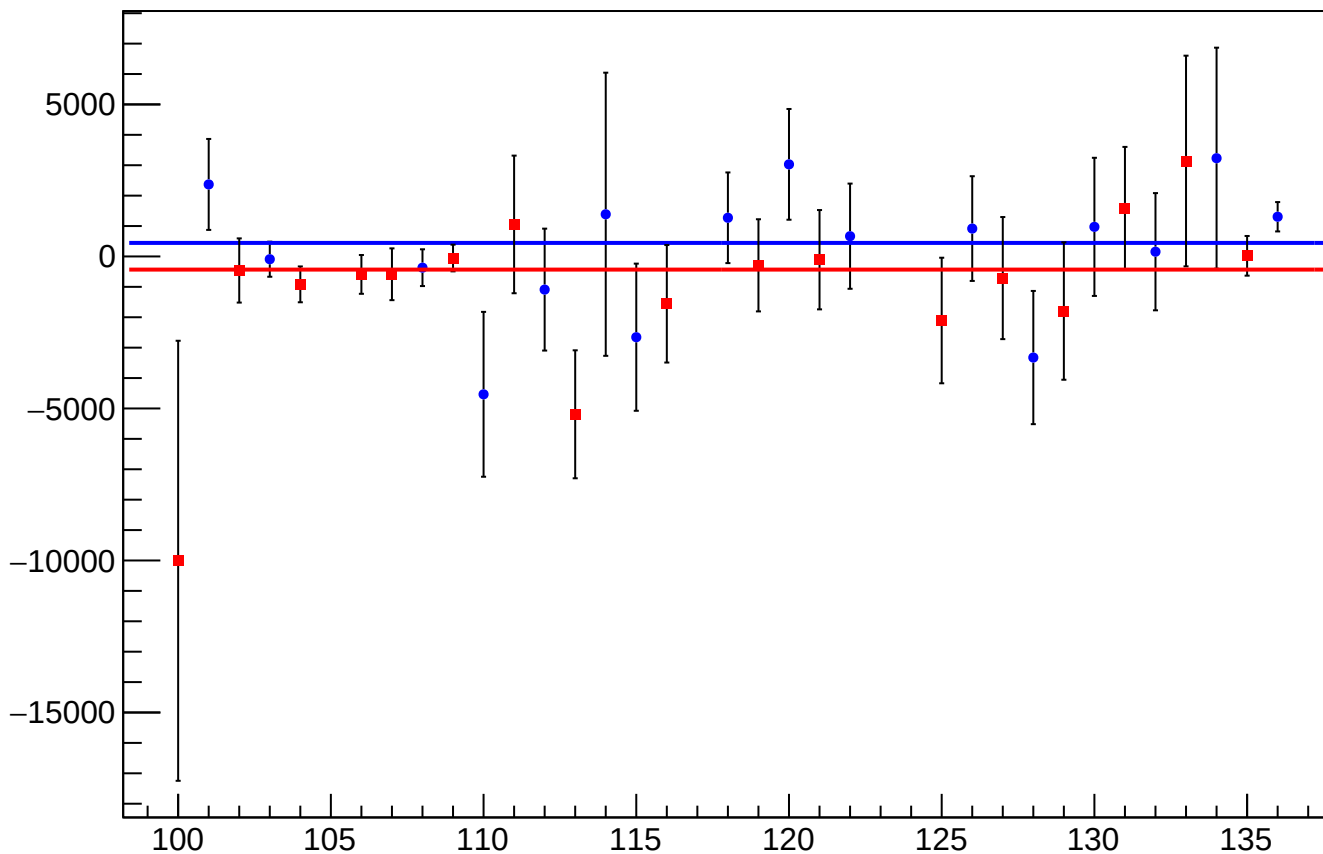
Right: 1410.099+/-0.270 χ^2/NDF : 911621.5/32

In: 1422.515+/-0.382 χ^2/NDF : 560259.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1410.099+/-0.270 χ^2/NDF : 911621.5/32

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: -432.555+/-237.795 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

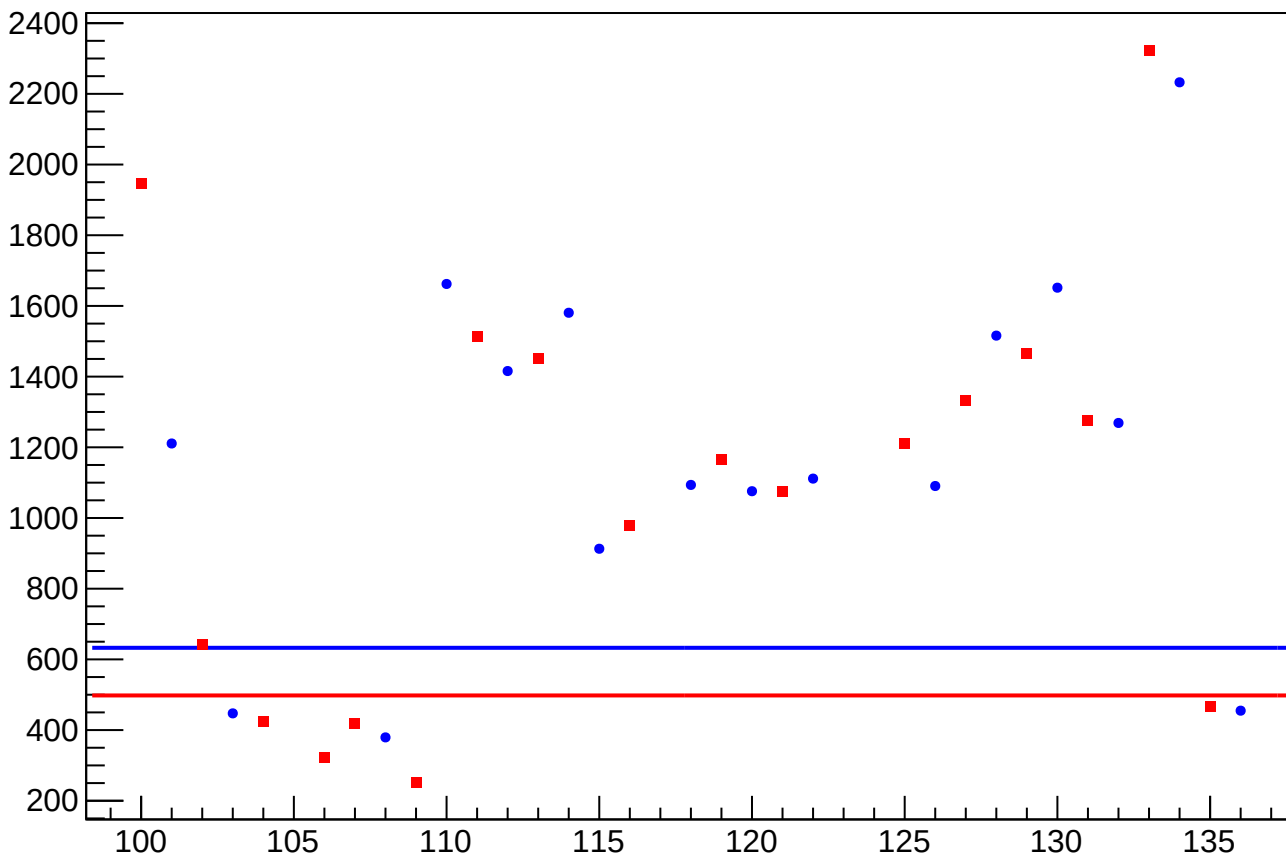
Right: -56.651+/-179.799 χ^2/NDF : 37.8/32

In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.651+/-179.799 χ^2/NDF : 37.8/32

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: 497.956+/-0.168 χ^2/NDF : 4333091.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

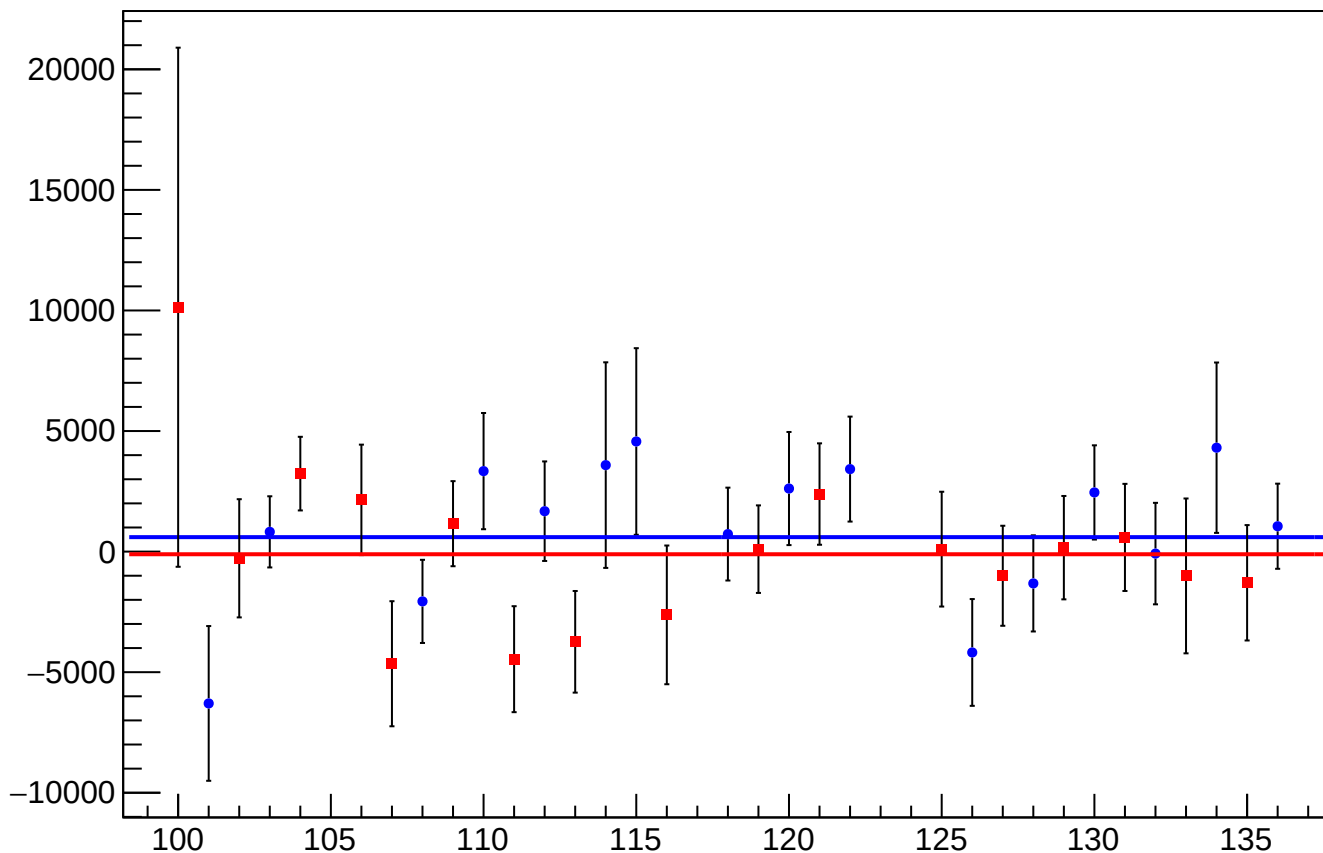
Right: 555.689+/-0.127 χ^2/NDF : 8376071.6/32

In: 632.753+/-0.194 χ^2/NDF :3767731.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 555.689+/-0.127 χ^2/NDF : 8376071.6/32

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: -109.430+/-538.480 χ^2/NDF : 20.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

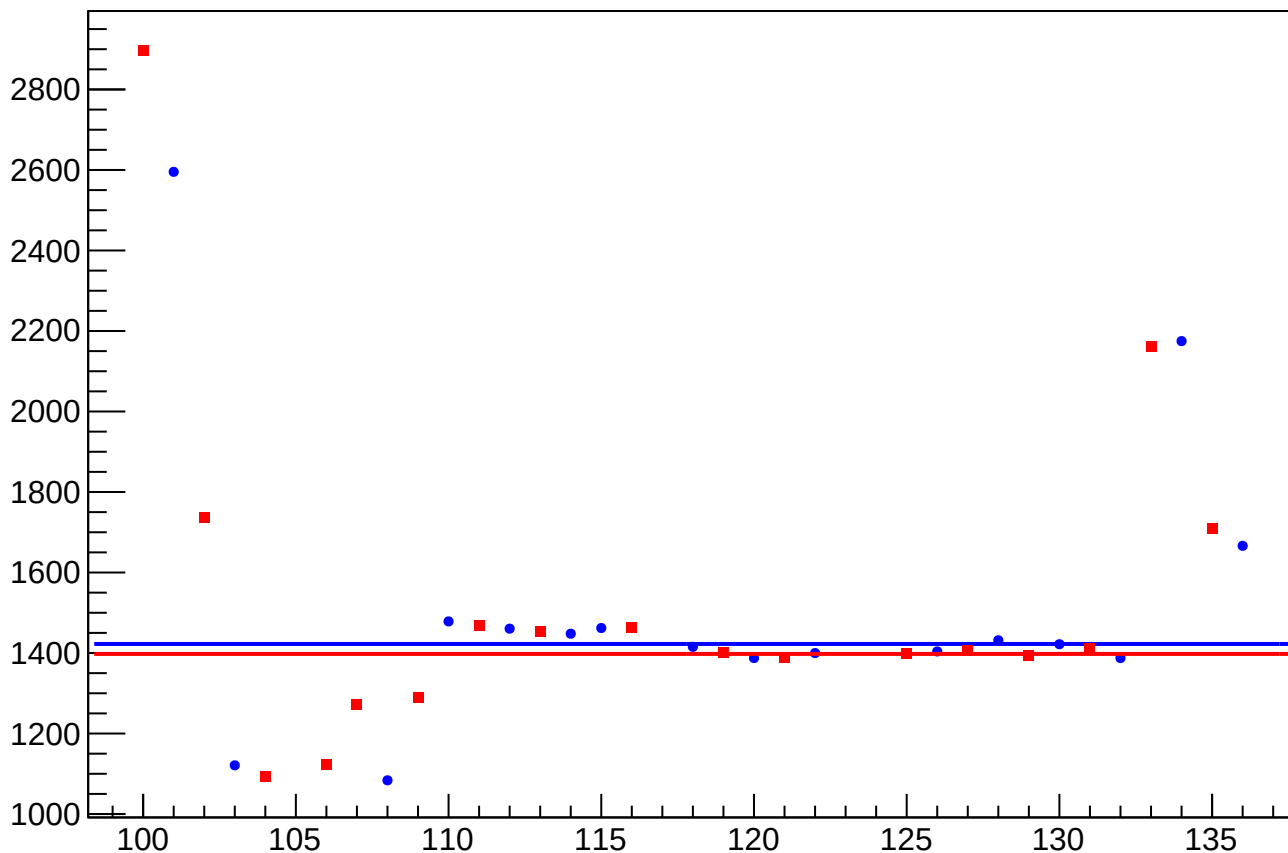
Right: 244.260+/-381.318 χ^2/NDF : 41.2/32

In: 600.020+/-540.053 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.260+/-381.318 χ^2/NDF : 41.2/32

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: 1397.755+/-0.381 χ^2/NDF : 349254.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

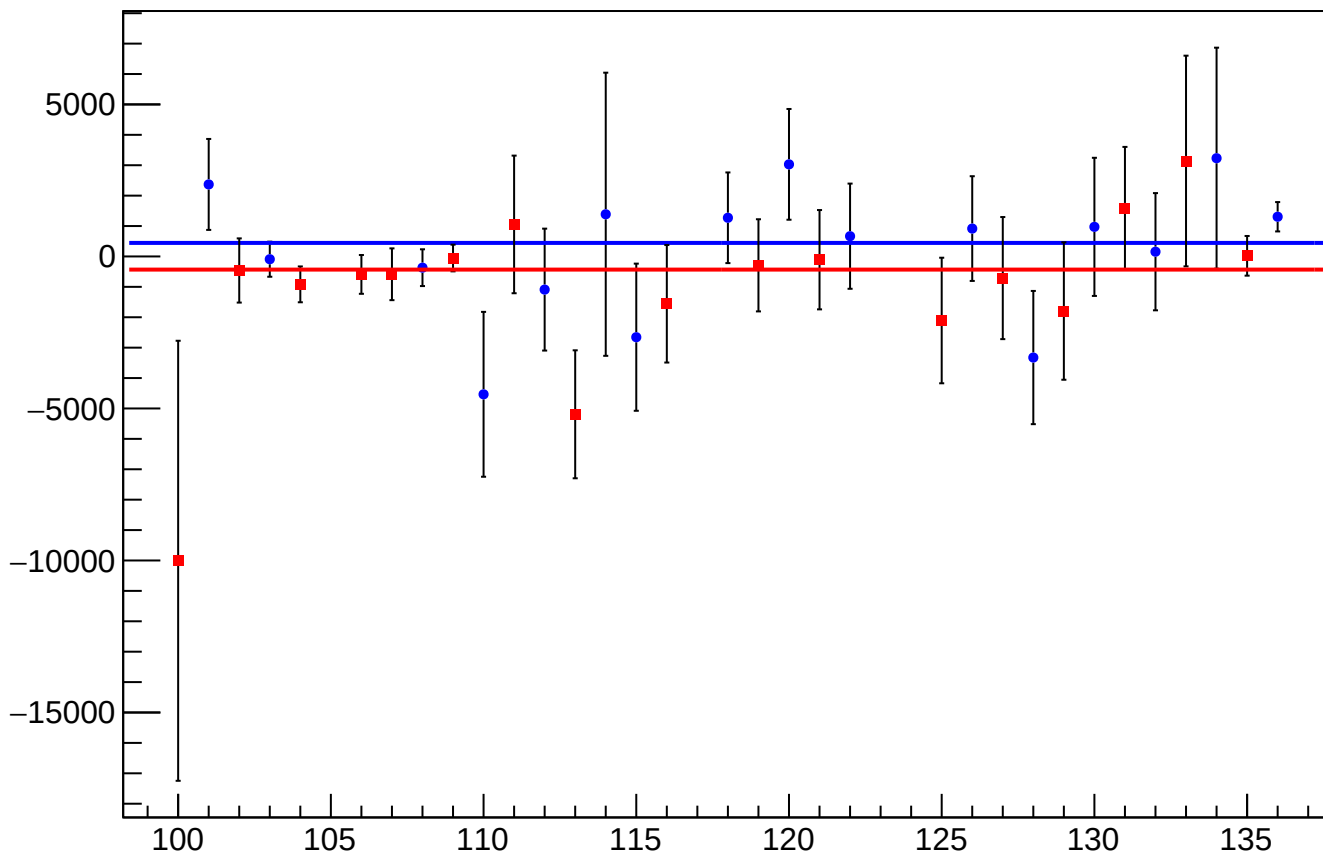
Right: 1410.099+/-0.270 χ^2/NDF : 911621.5/32

In: 1422.515+/-0.382 χ^2/NDF :560259.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1410.099+/-0.270 χ^2/NDF : 911621.5/32

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: -432.555+/-237.795 χ^2/NDF : 12.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

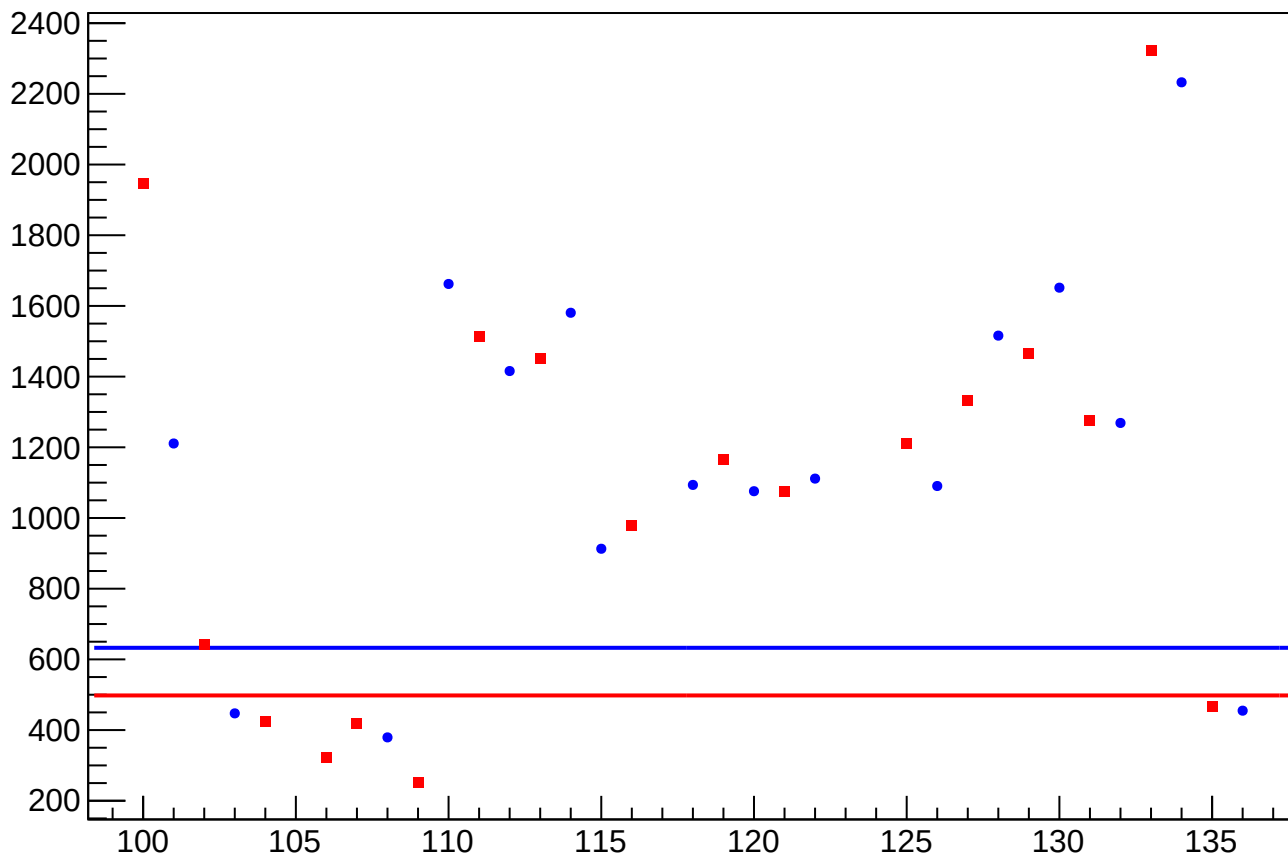
Right: -56.651+/-179.799 χ^2/NDF : 37.8/32

In: 445.121+/-274.737 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.651+/-179.799 χ^2/NDF : 37.8/32

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: 497.956+/-0.168 χ^2/NDF : 4333091.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

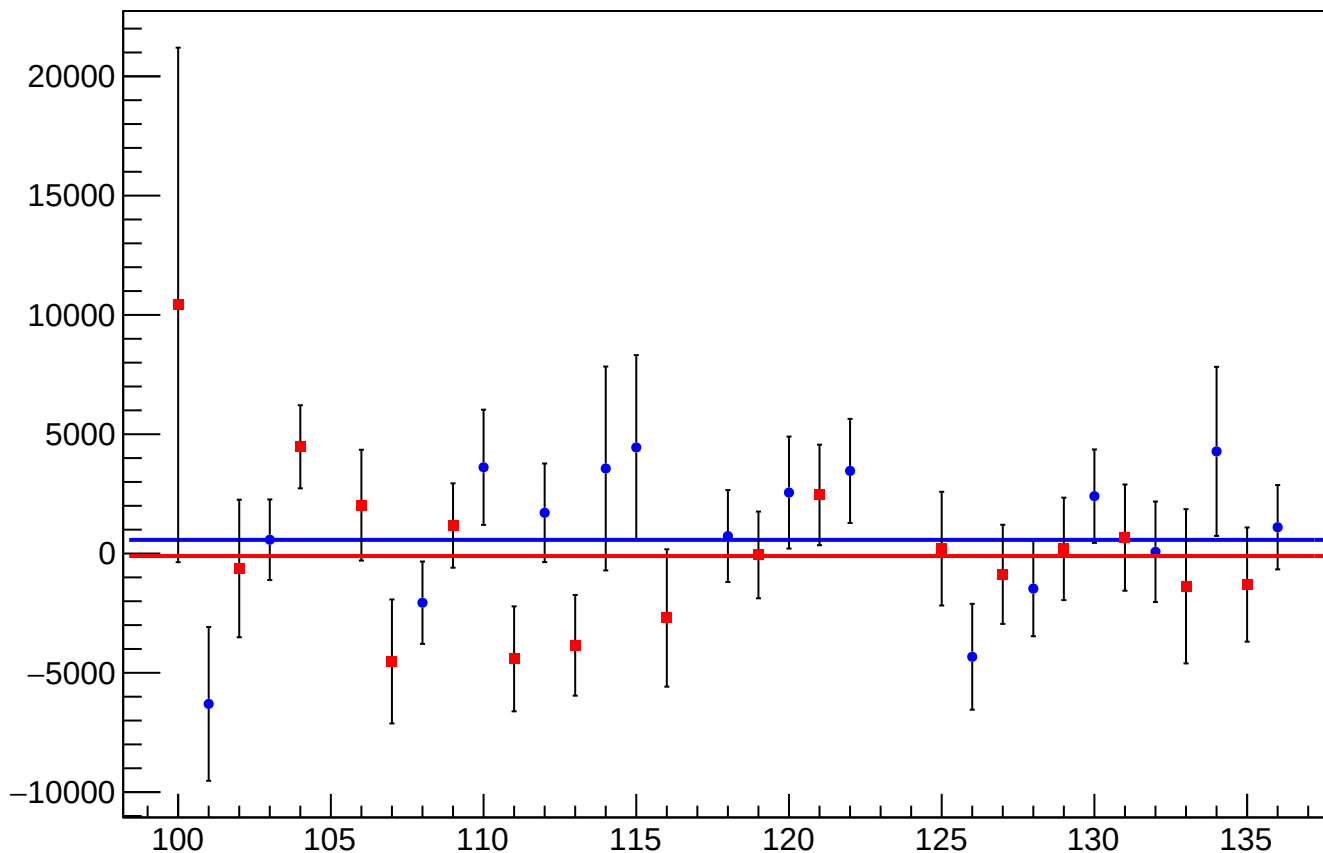
Right: 555.689+/-0.127 χ^2/NDF : 8376071.6/32

In: 632.753+/-0.194 χ^2/NDF : 3767731.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 555.689+/-0.127 χ^2/NDF : 8376071.6/32

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: -105.016+/-551.408 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

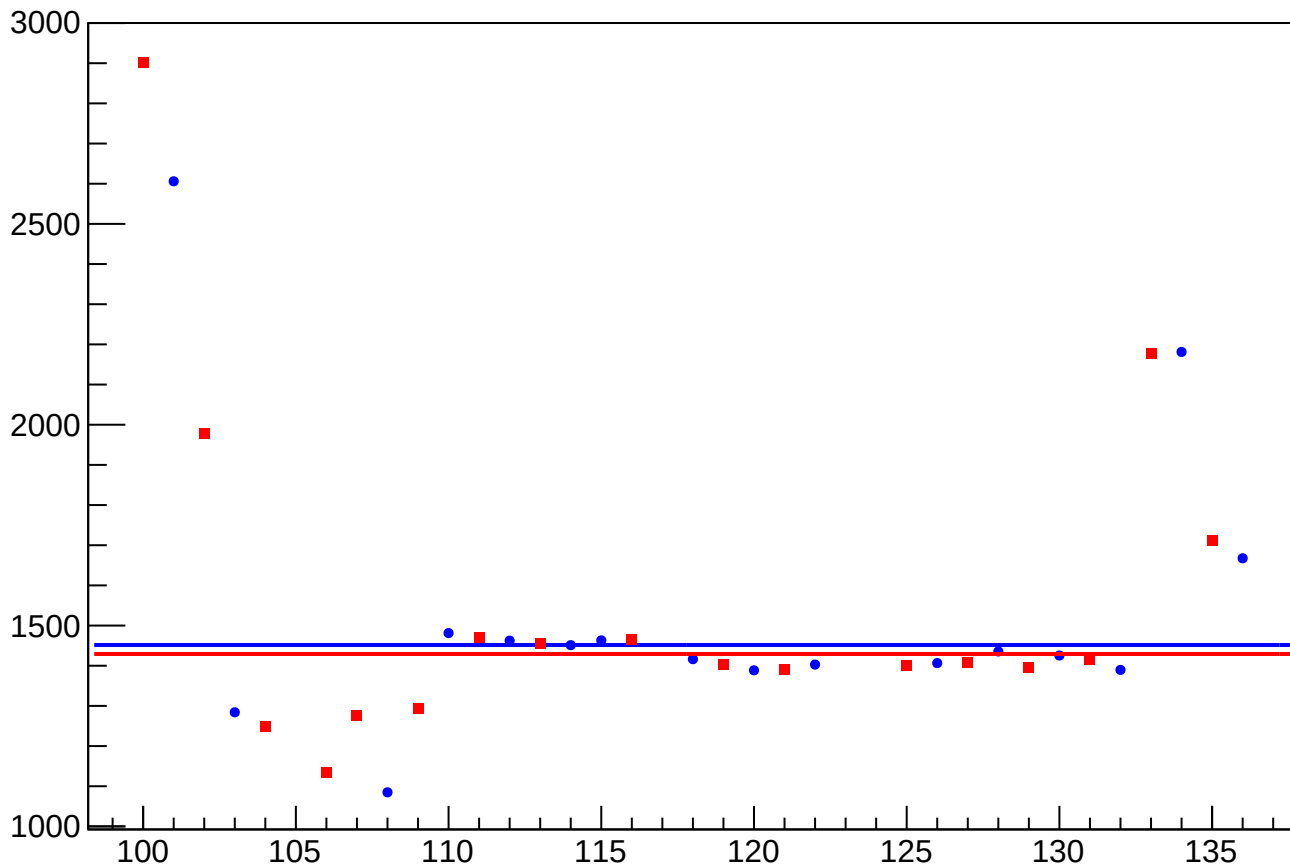
Right: 234.726+/-389.277 χ^2/NDF : 43.7/32

In: 572.289+/-549.638 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.726+/-389.277 χ^2/NDF : 43.7/32

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: 1429.262+/-0.390 χ^2/NDF : 320883.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

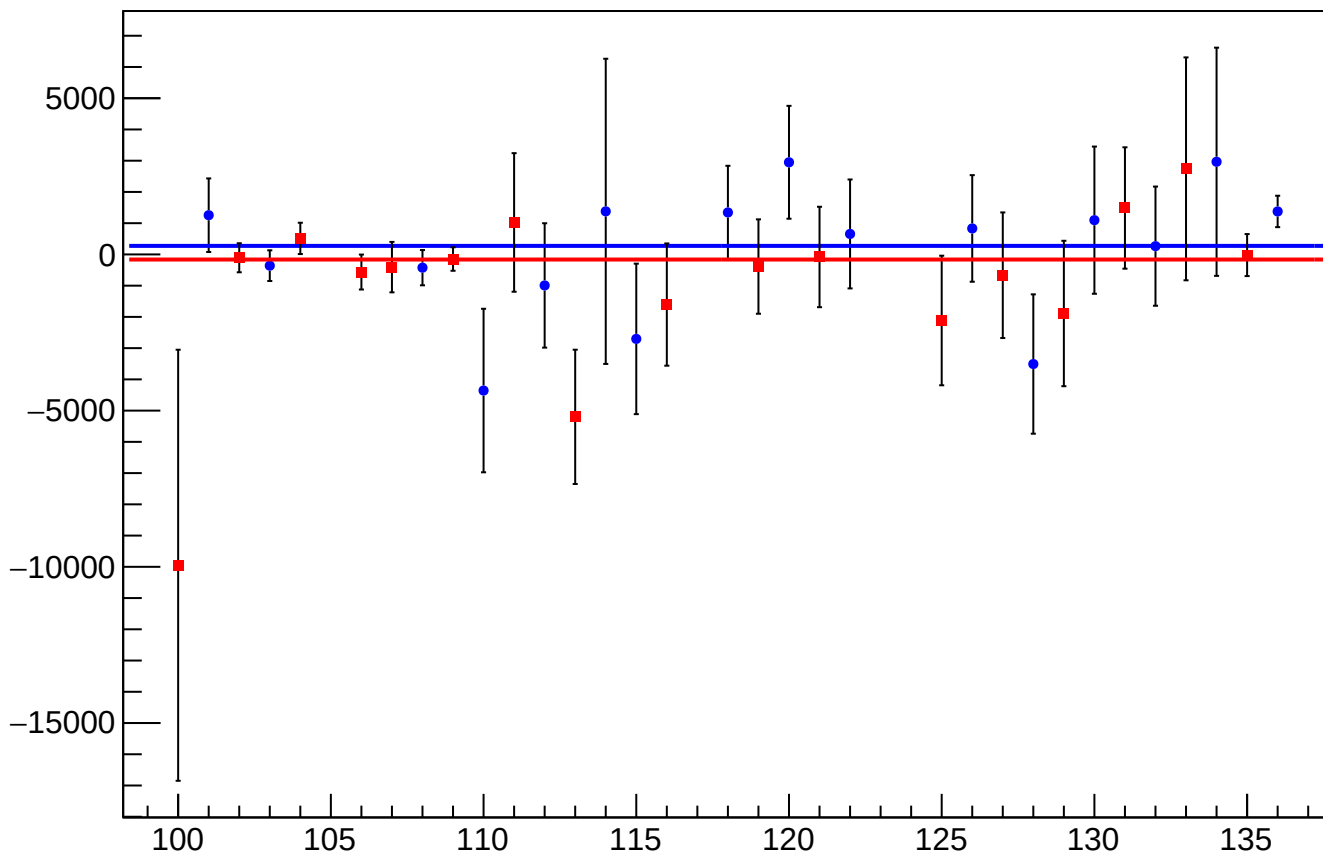
Right: 1440.457+/-0.275 χ^2/NDF : 810363.4/32

In: 1451.579+/-0.389 χ^2/NDF : 487836.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.457+/-0.275 χ^2/NDF : 810363.4/32

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: 273.439+/-260.537 χ^2/NDF : 20.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.501+/-199.369 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

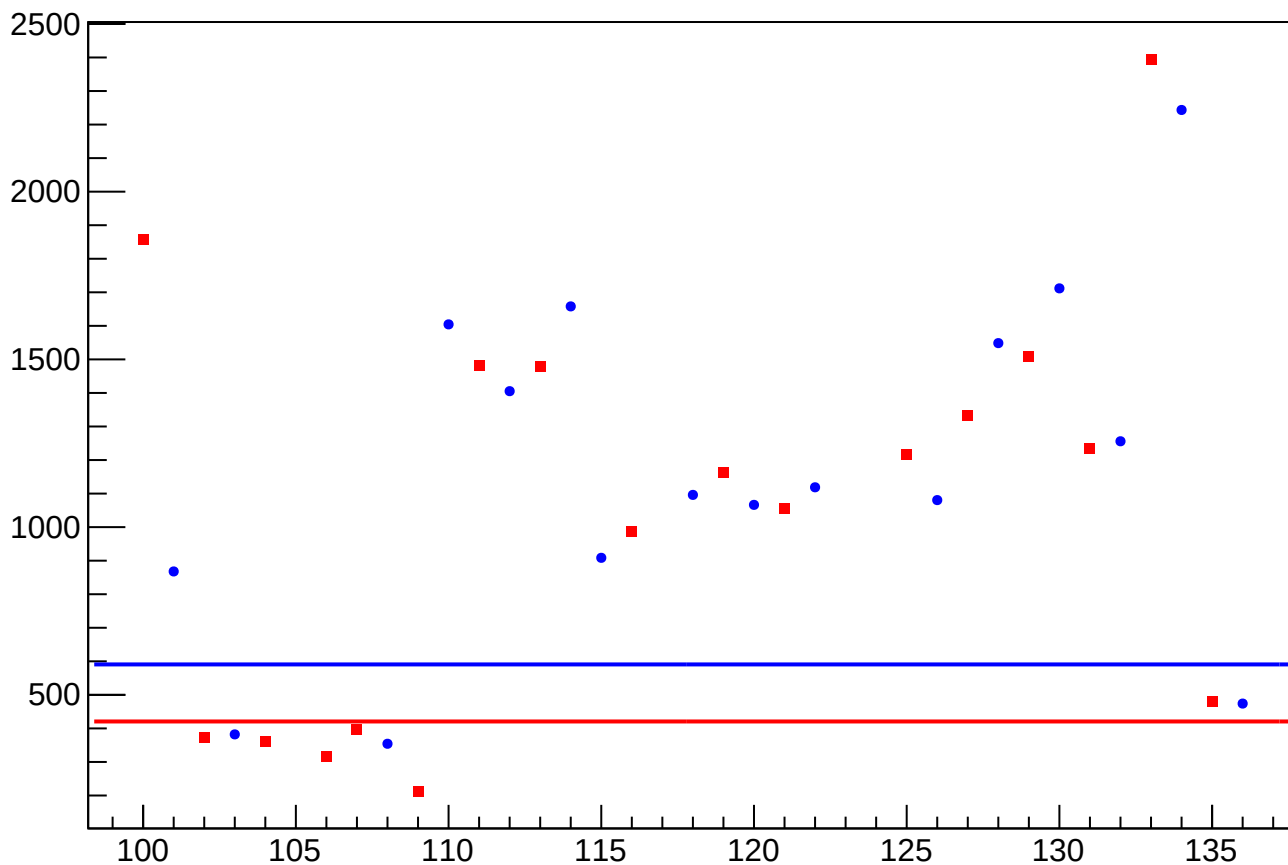
Right: -2.135+/-158.331 χ^2/NDF : 35.7/32

In: 273.439+/-260.537 χ^2/NDF : 20.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.135+/-158.331 χ^2/NDF : 35.7/32

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: 420.706+/-0.141 χ^2/NDF : 4852571.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

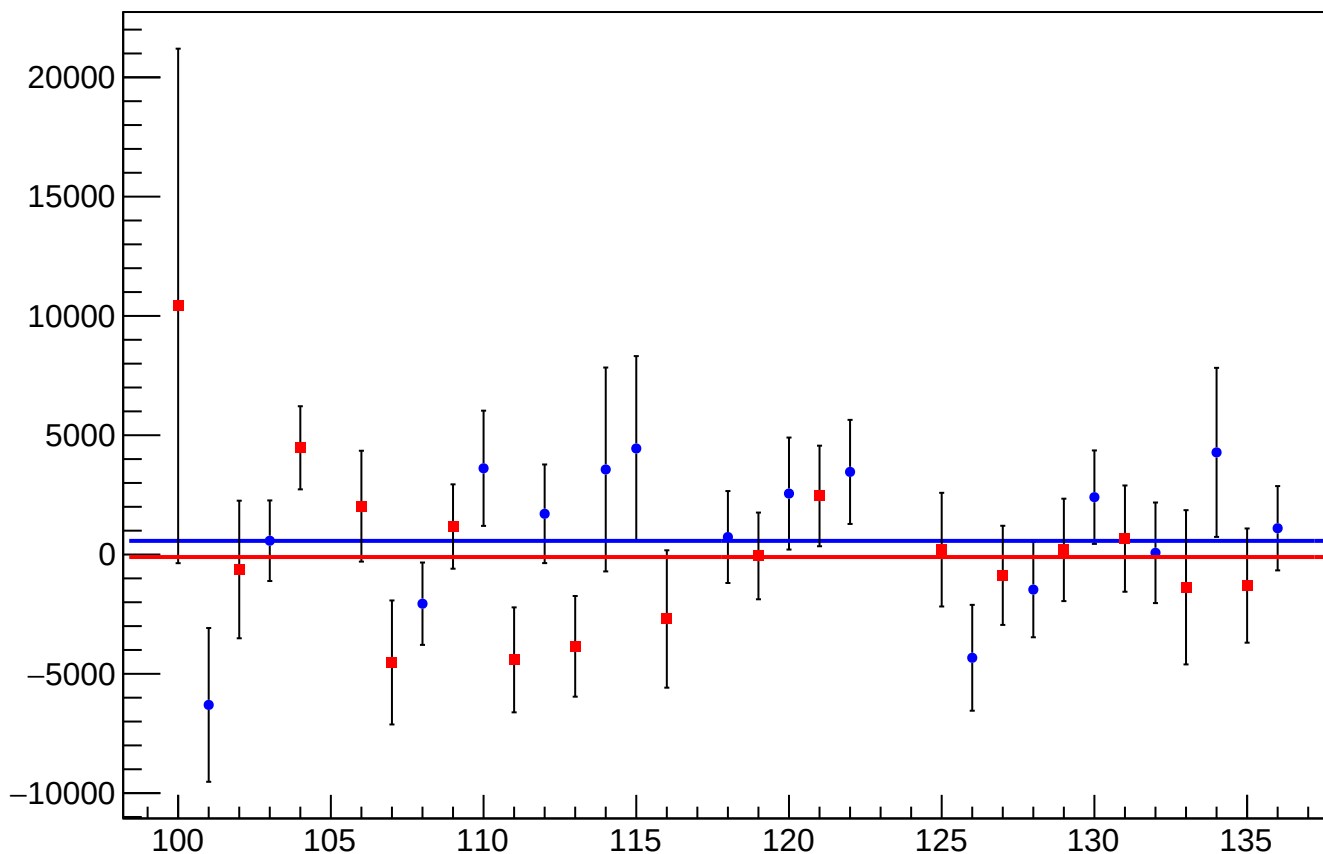
Right: 483.505+/-0.112 χ^2/NDF : 9275382.3/32

In: 590.749+/-0.184 χ^2/NDF :3885502.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 483.505+/-0.112 χ^2/NDF : 9275382.3/32

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: -105.013+/-551.408 χ^2/NDF : 22.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

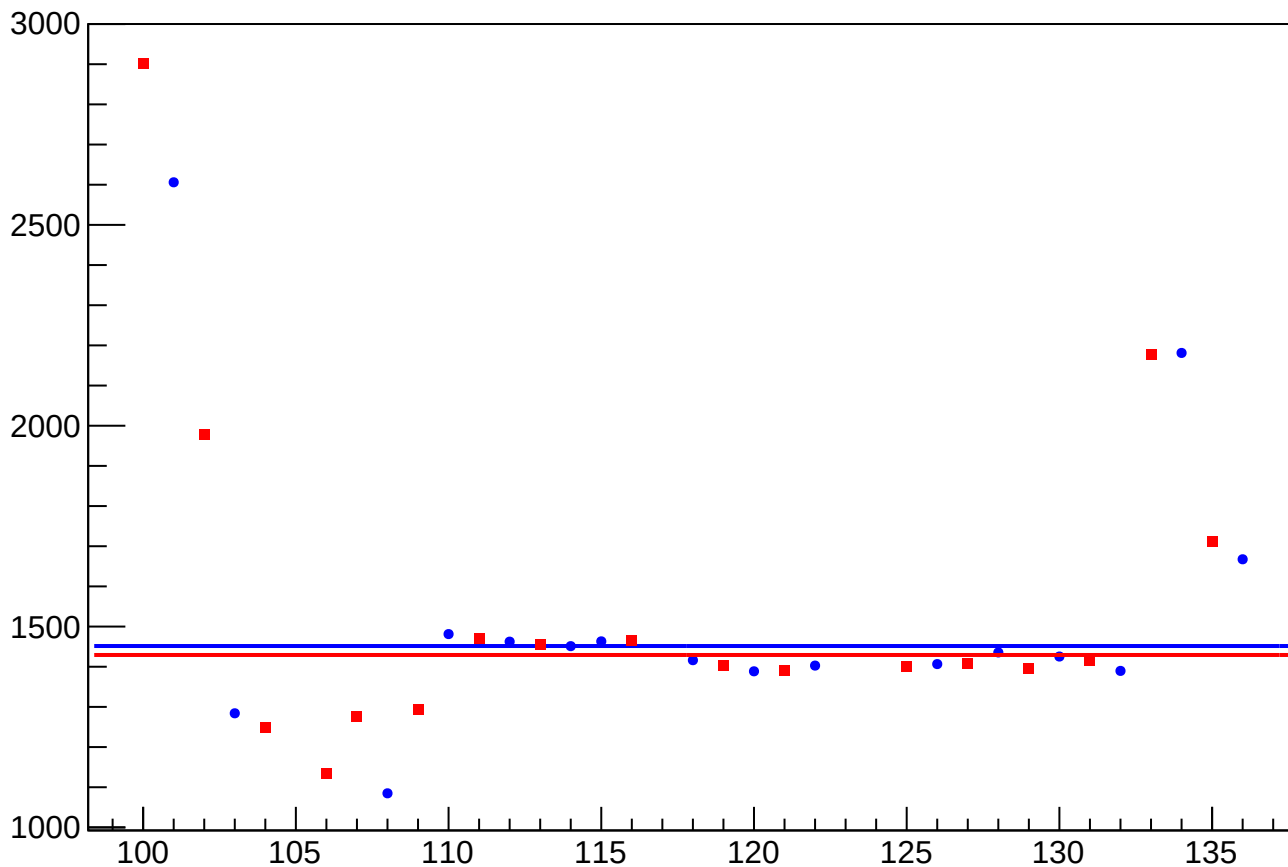
Right: 234.727+/-389.277 χ^2/NDF : 43.7/32

In: 572.290+/-549.638 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 234.727+/-389.277 χ^2/NDF : 43.7/32

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: 1429.262+/-0.390 χ^2/NDF : 320883.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

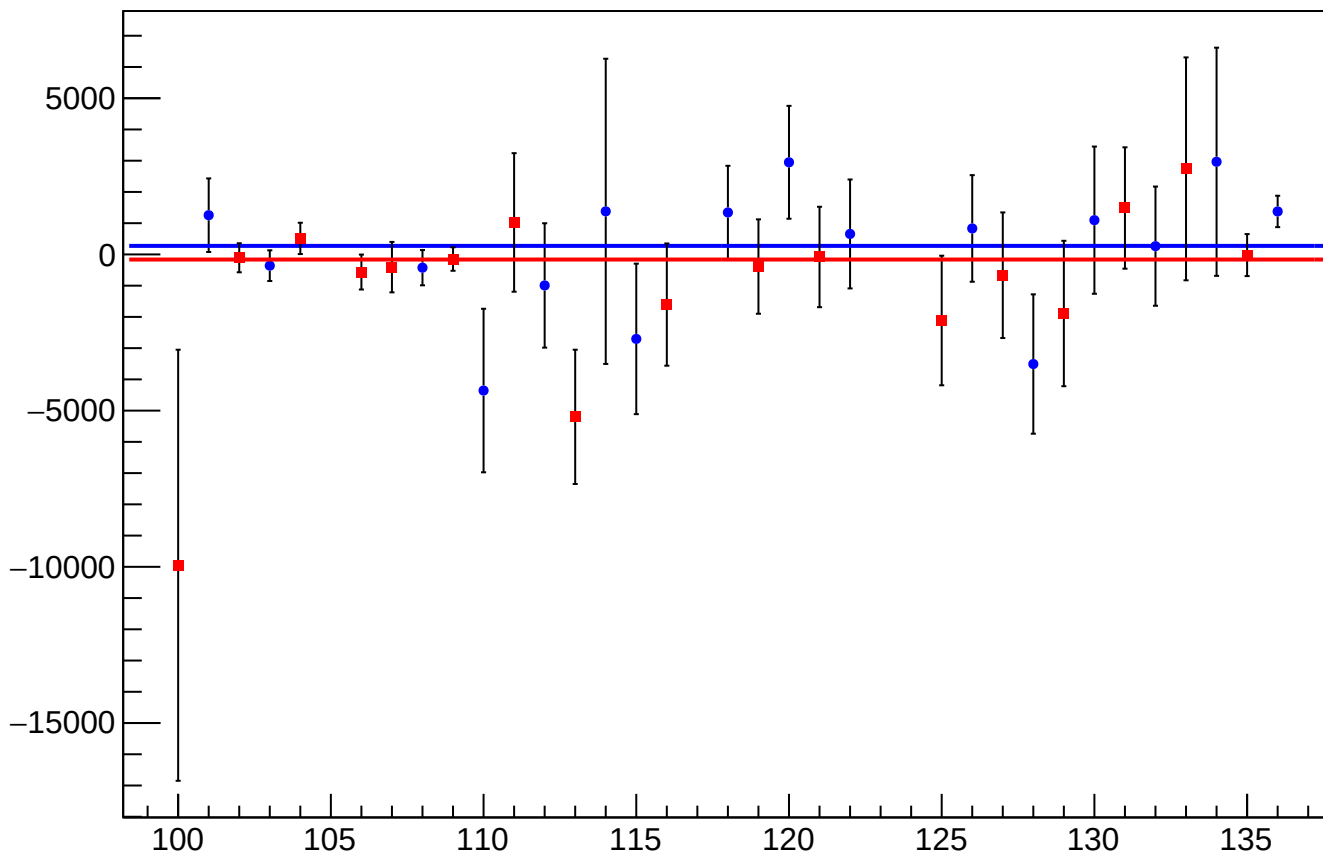
Right: 1440.457+/-0.275 χ^2/NDF : 810363.0/32

In: 1451.579+/-0.389 χ^2/NDF : 487836.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1440.457+/-0.275 χ^2/NDF : 810363.0/32

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: -163.494+/-199.370 χ^2/NDF : 13.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

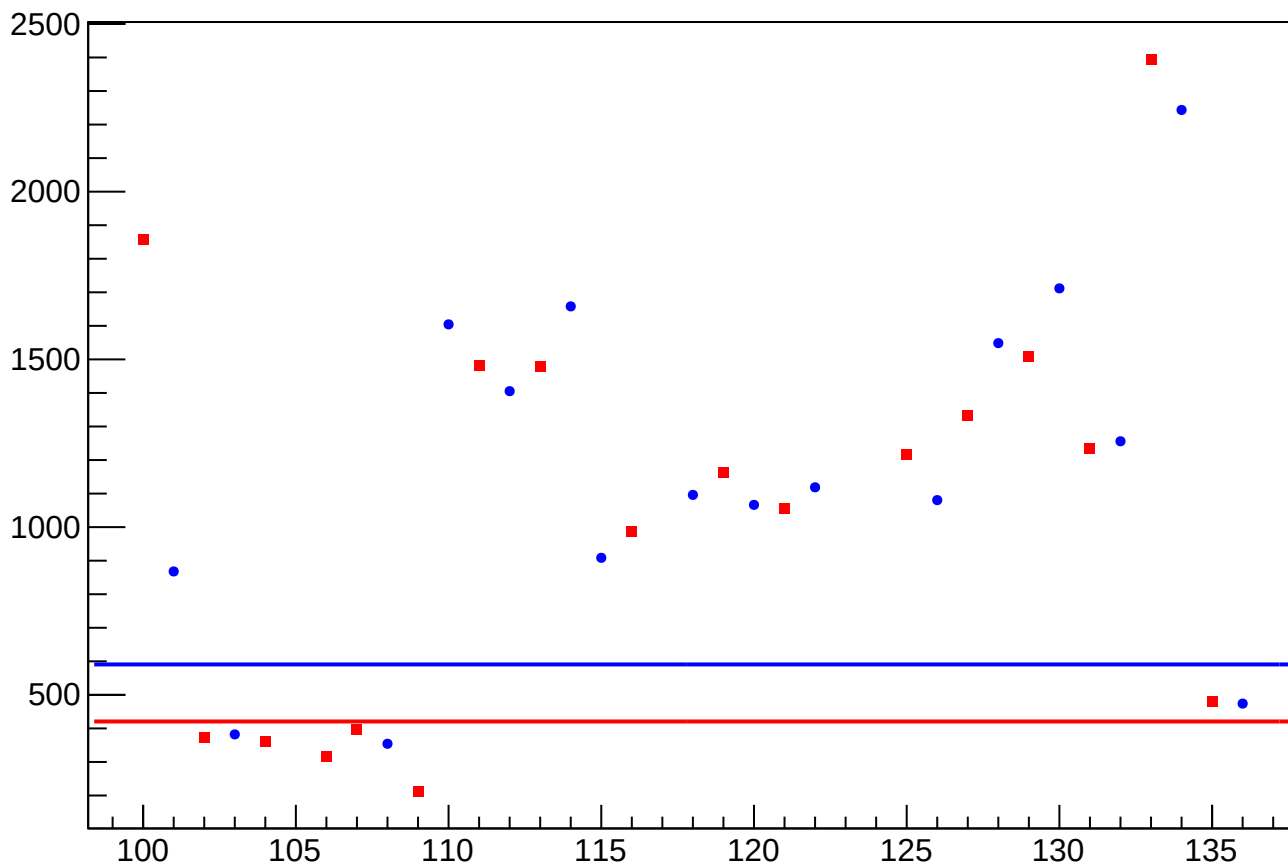
Right: -2.132+/-158.331 χ^2/NDF : 35.7/32

In: 273.429+/-260.536 χ^2/NDF : 20.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.132+/-158.331 χ^2/NDF : 35.7/32

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: 420.711+/-0.141 χ^2/NDF : 4852488.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

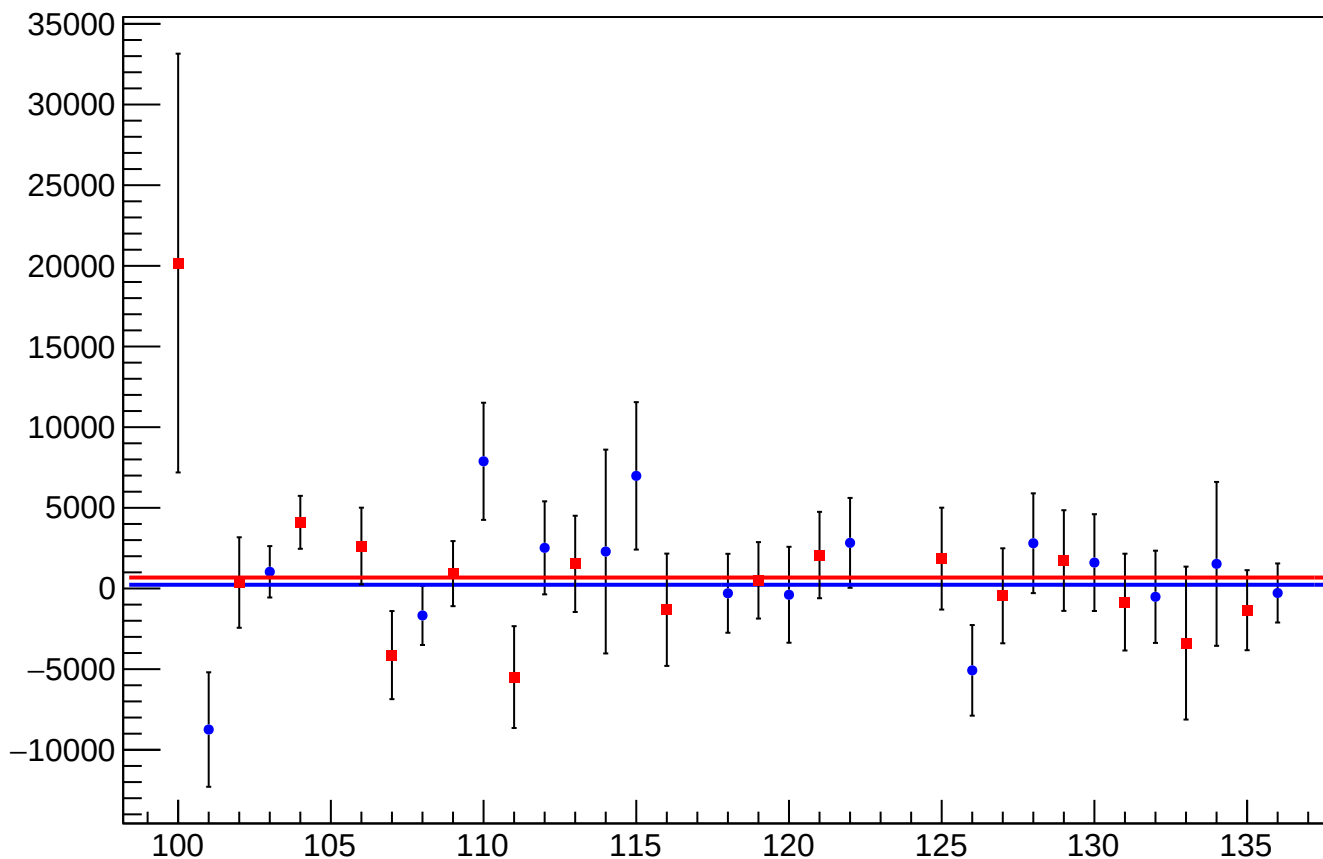
Right: 483.508+/-0.112 χ^2/NDF : 9275280.5/32

In: 590.747+/-0.184 χ^2/NDF :3885530.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 483.508+/-0.112 χ^2/NDF : 9275280.5/32

asym_us_dd_at2lr_dd_dd_mean vs Slug, Sign Corrected



Right In: 230.761+/-666.241 χ^2/NDF : 20.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.933+/-657.856 χ^2/NDF : 17.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

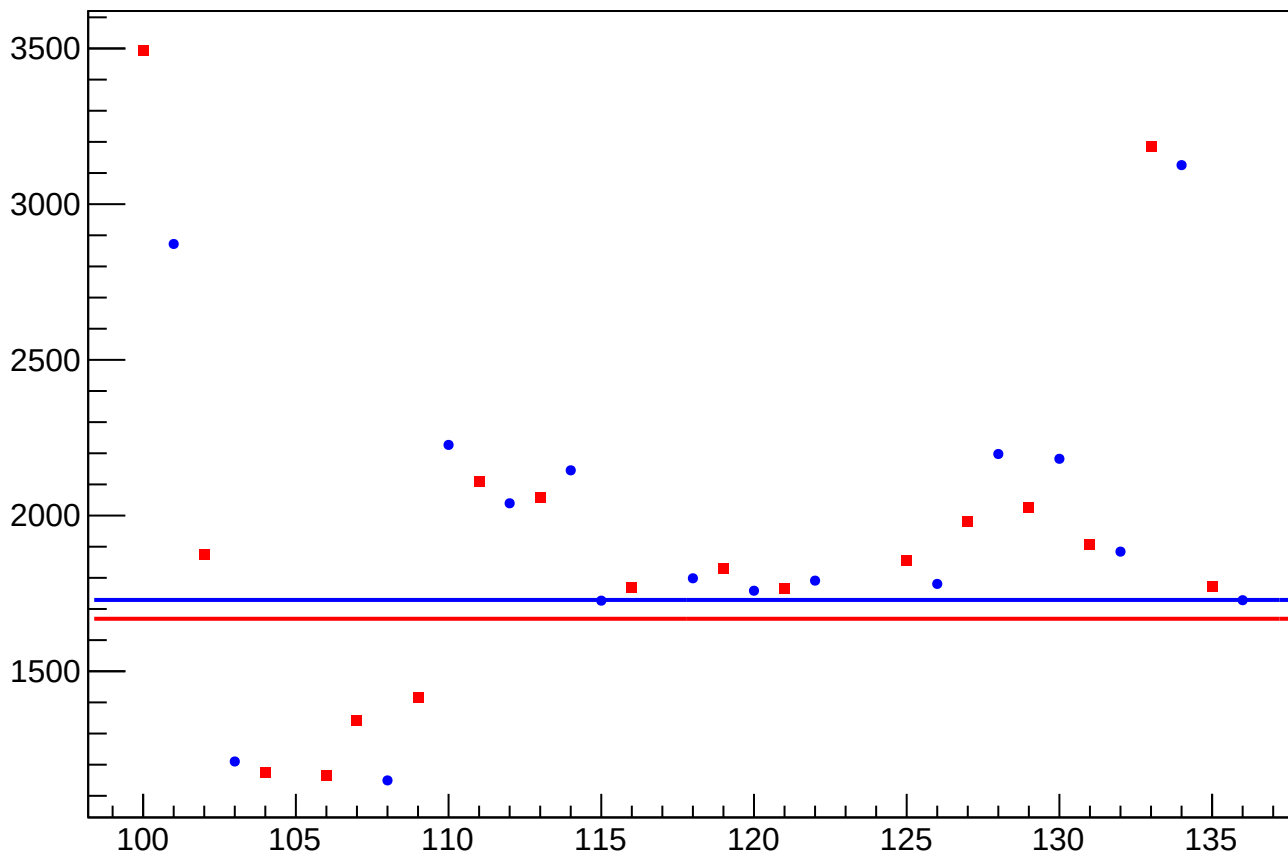
Right: 457.685+/-468.111 χ^2/NDF : 37.9/32

In: 230.761+/-666.241 χ^2/NDF : 20.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.685+/-468.111 χ^2/NDF : 37.9/32

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: 1668.576+/-0.465 χ^2/NDF : 744100.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

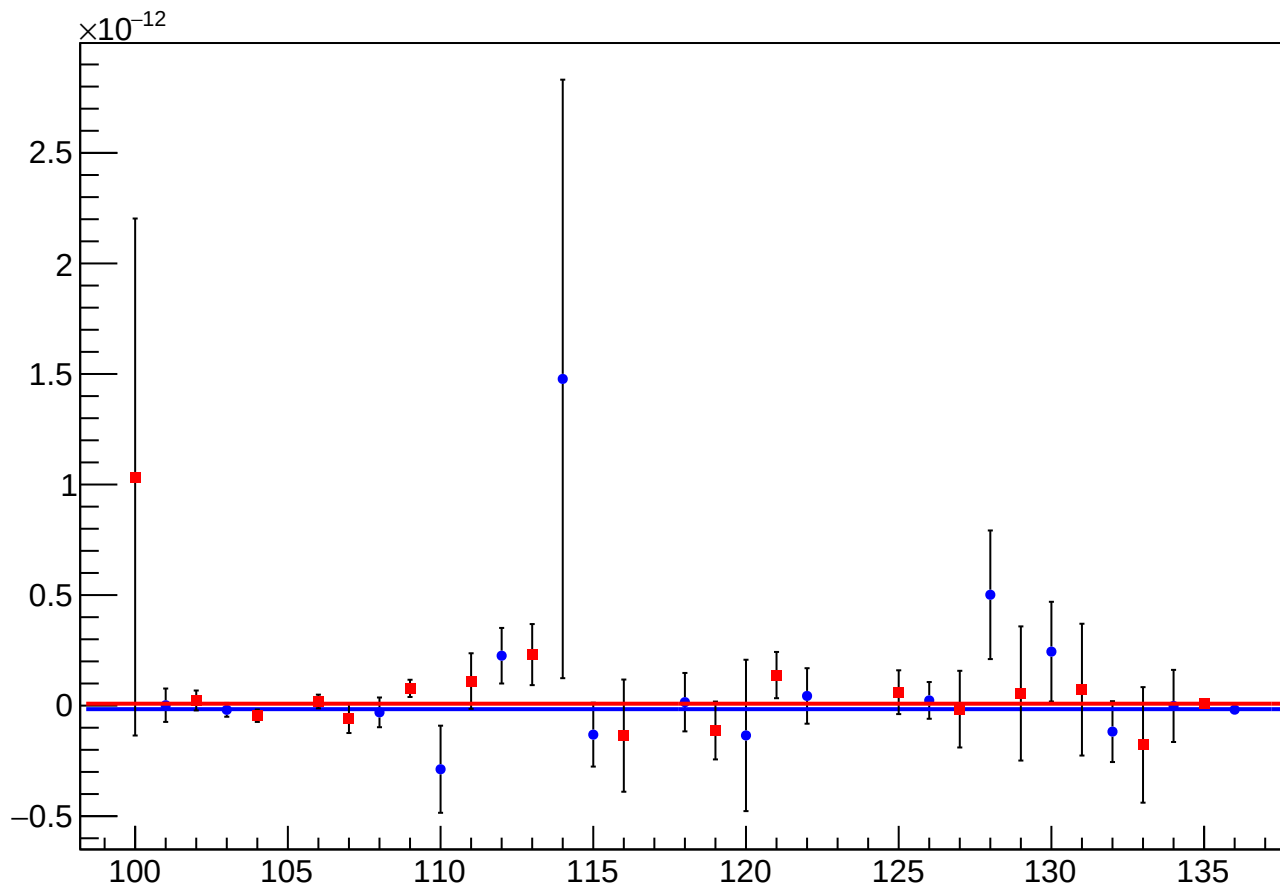
Right: 1698.430+/-0.331 χ^2/NDF : 1694522.6/32

In: 1729.050+/-0.471 χ^2/NDF : 942079.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1698.430+/-0.331 χ^2/NDF : 1694522.6/32

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: 15.7/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

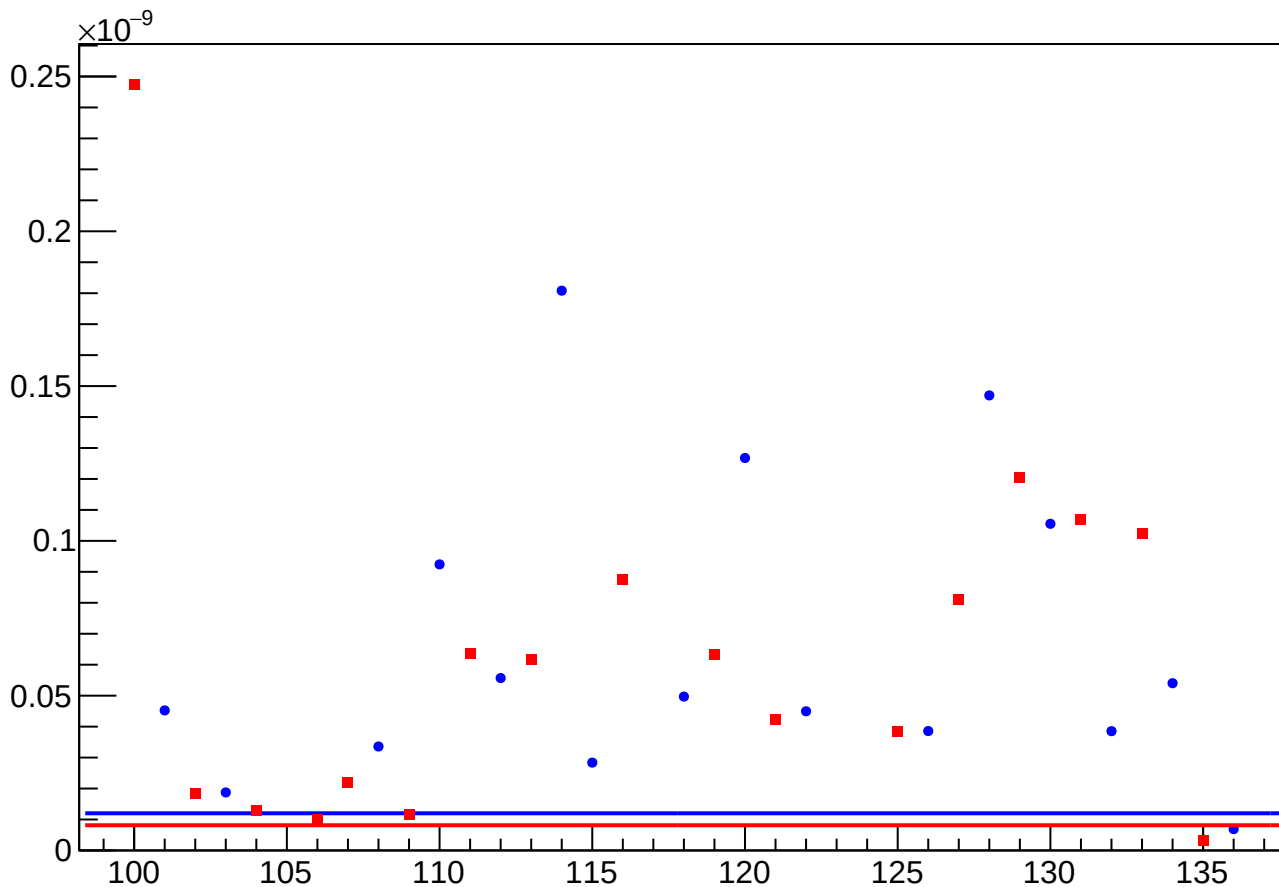
Right: -0.000+/-0.000 χ^2 /NDF: 32.3/32

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: 32.3/32

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 : 3501961.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

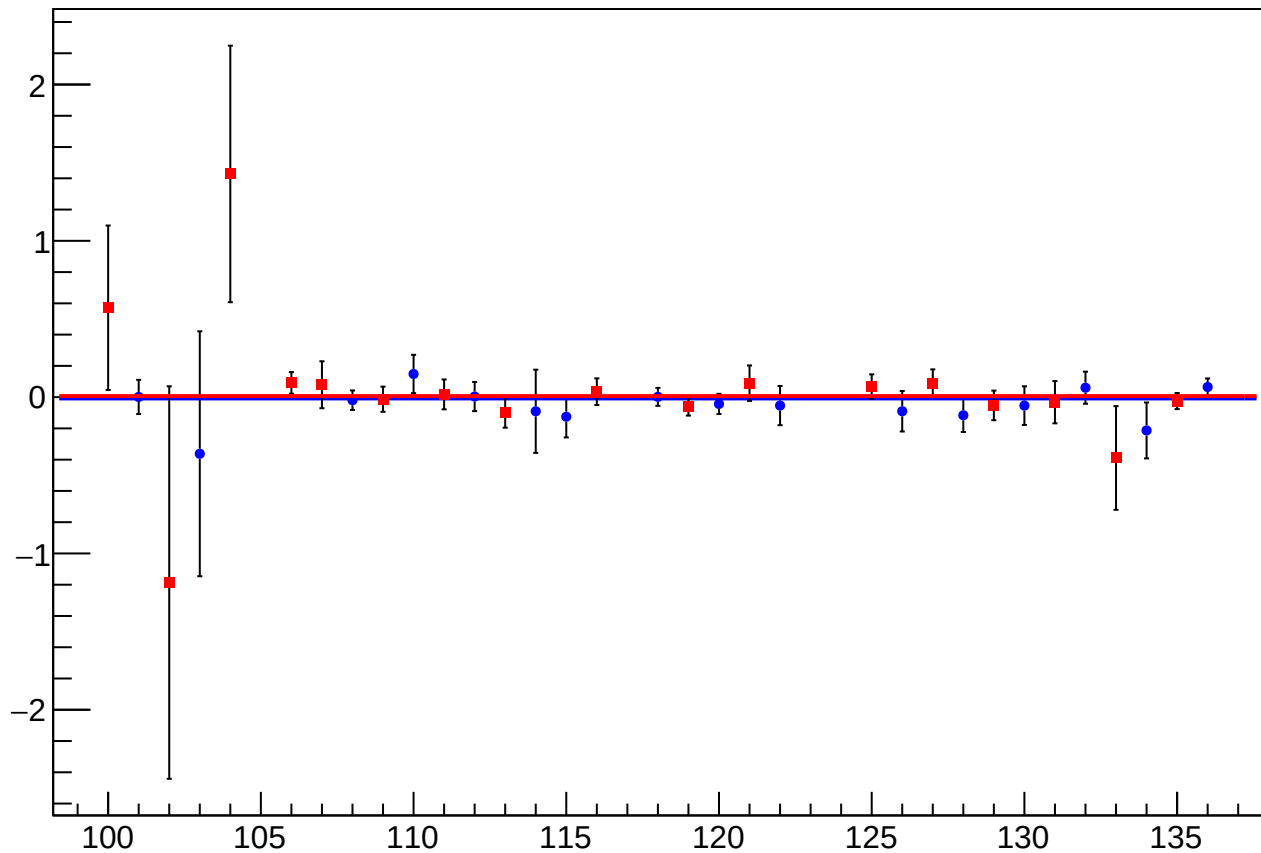
Right: 0.000+/-0.000 χ^2/NDF : 7090423.3/32

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 : 7090423.3/32

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 : 13.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

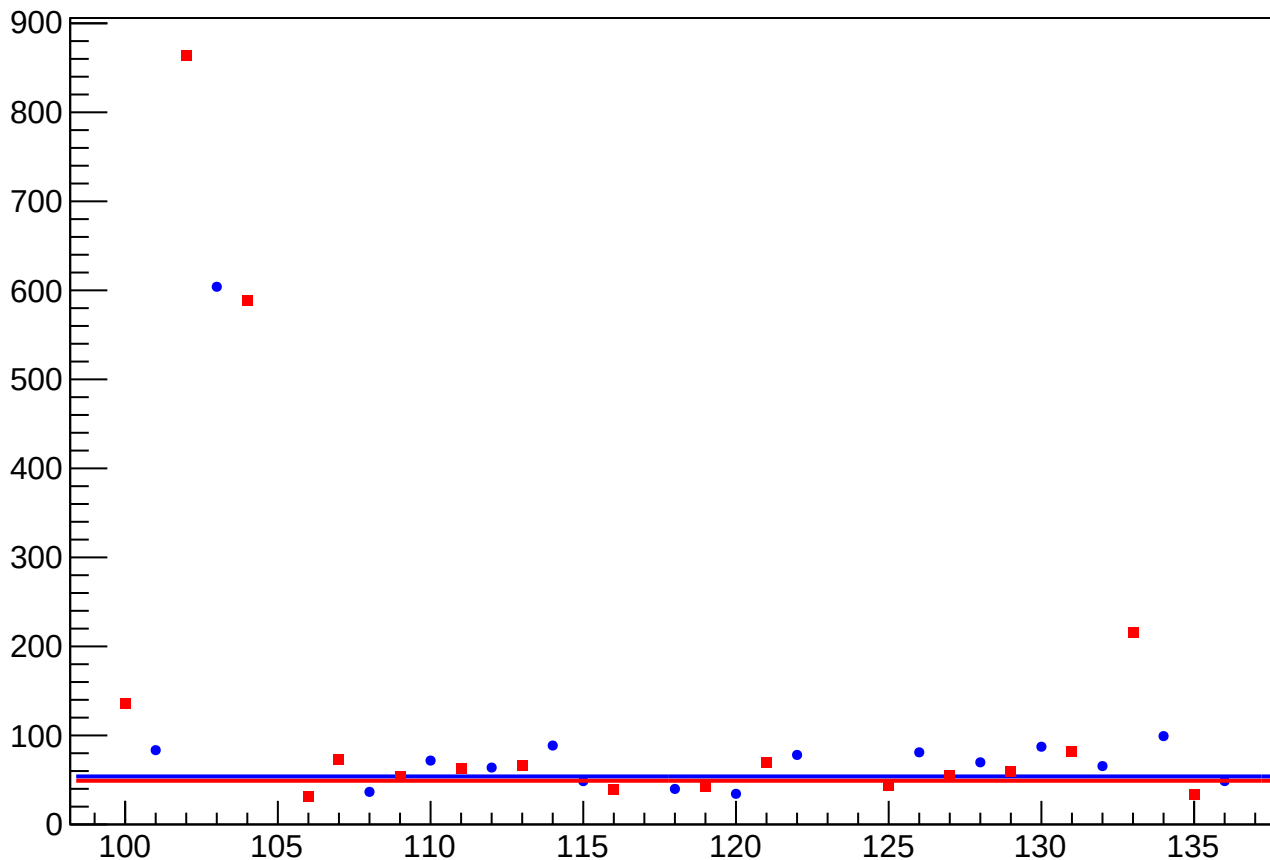
Right: -0.001 ± 0.016 χ^2/NDF : 22.2/32

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.016 χ^2/NDF : 22.2/32

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: 49.090+/-0.016 χ^2/NDF : 2999916.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

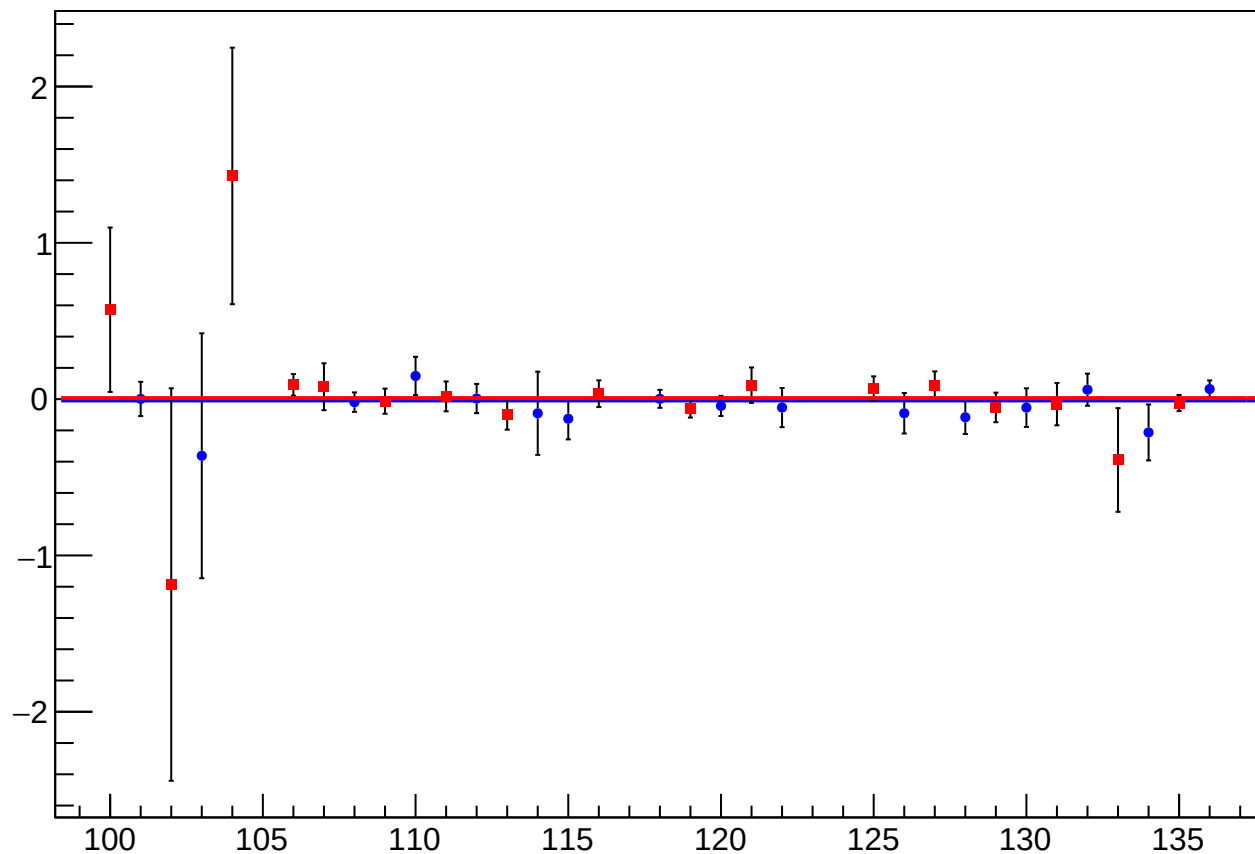
Right: 51.443+/-0.011 χ^2/NDF : 5259239.7/32

In: 53.926+/-0.016 χ^2/NDF : 2214348.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.443+/-0.011 χ^2/NDF : 5259239.7/32

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 : 13.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

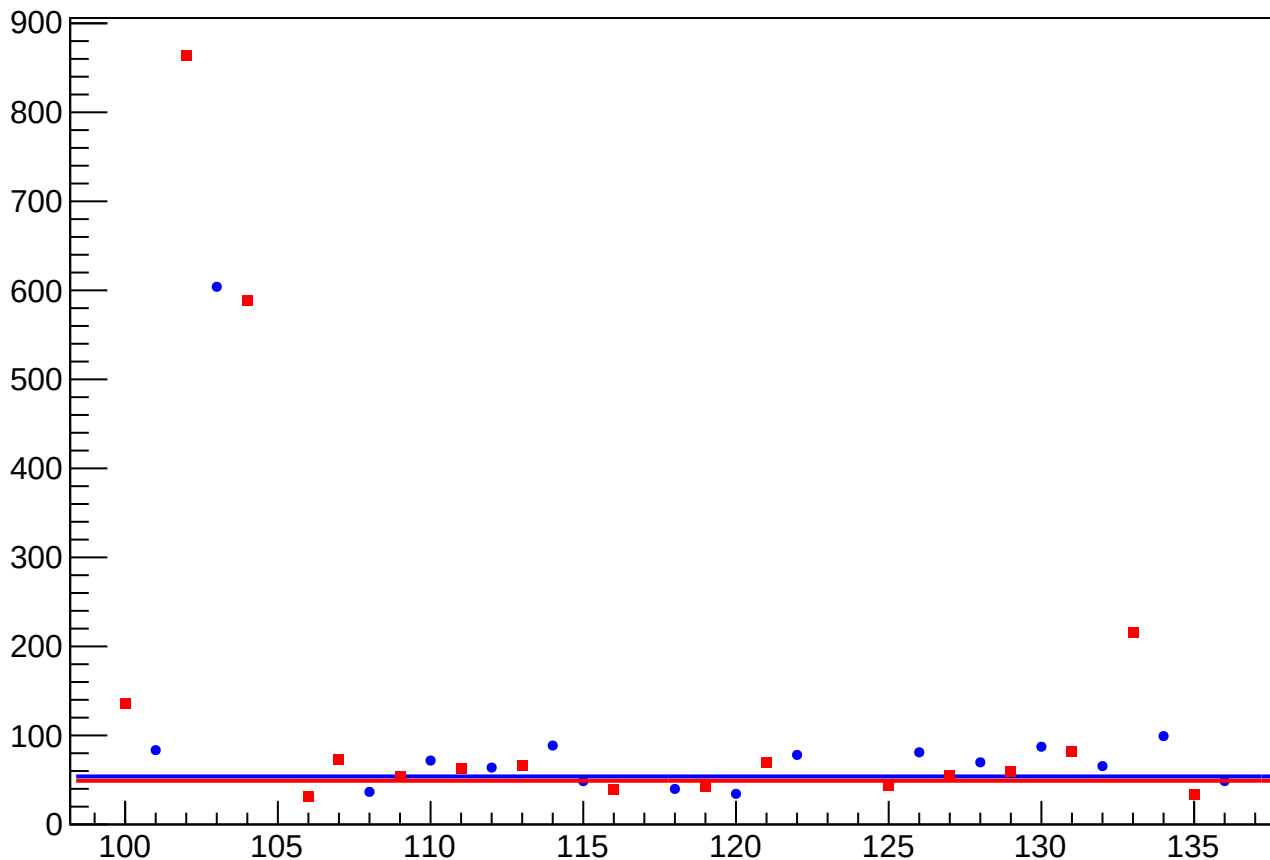
Right: -0.001 ± 0.016 χ^2/NDF : 22.2/32

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.016 χ^2/NDF : 22.2/32

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: 49.090+/-0.016 χ^2/NDF : 2999916.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

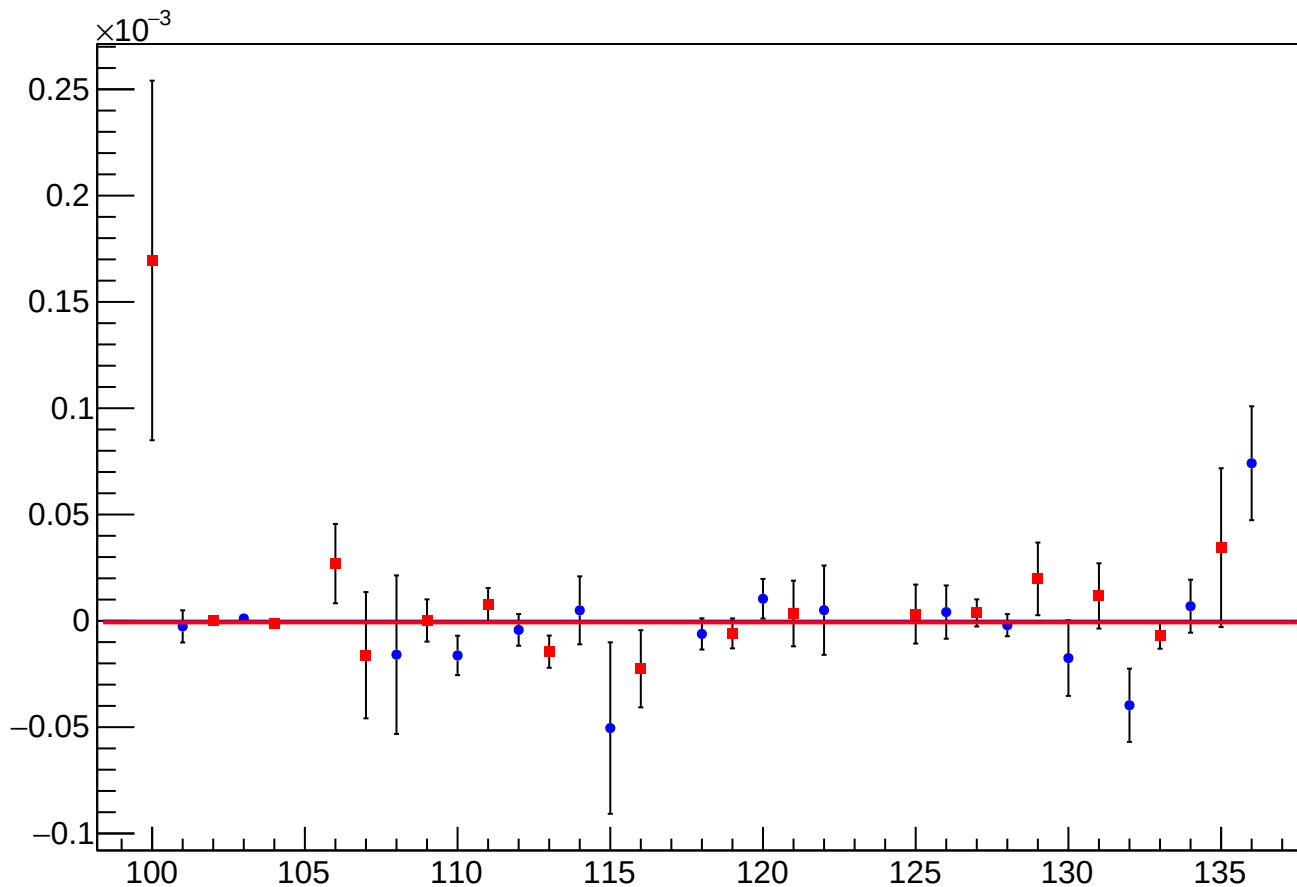
Right: 51.443+/-0.011 χ^2/NDF : 5259239.7/32

In: 53.926+/-0.016 χ^2/NDF :2214348.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.443+/-0.011 χ^2/NDF : 5259239.7/32

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 : 17.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

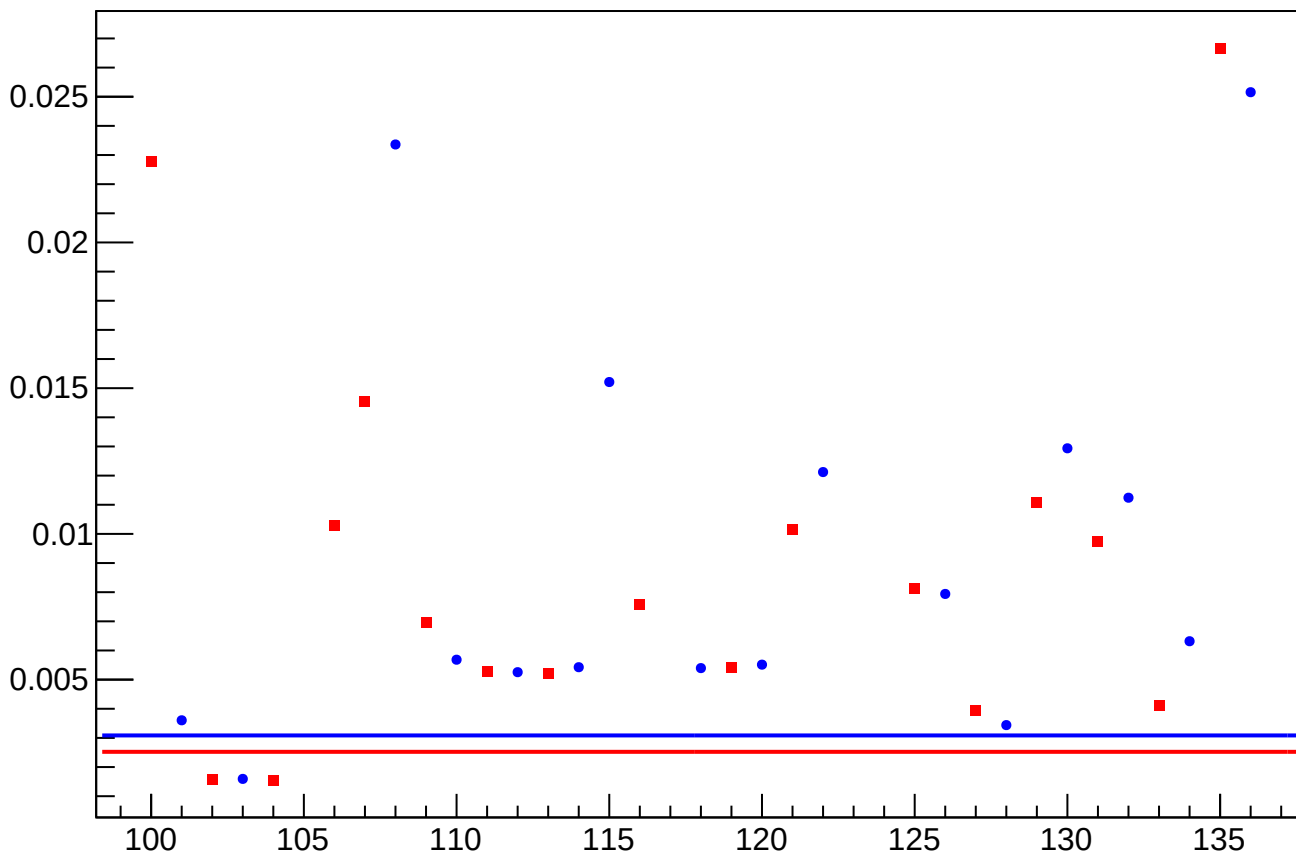
Right: -0.000+/-0.000 χ^2/NDF : 39.9/32

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 : 39.9/32

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 : 5911862.4/16

Left 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 : 11840173.8/32

In: 0.003+/-0.000

χ^2/NDF : 5779108.6/15

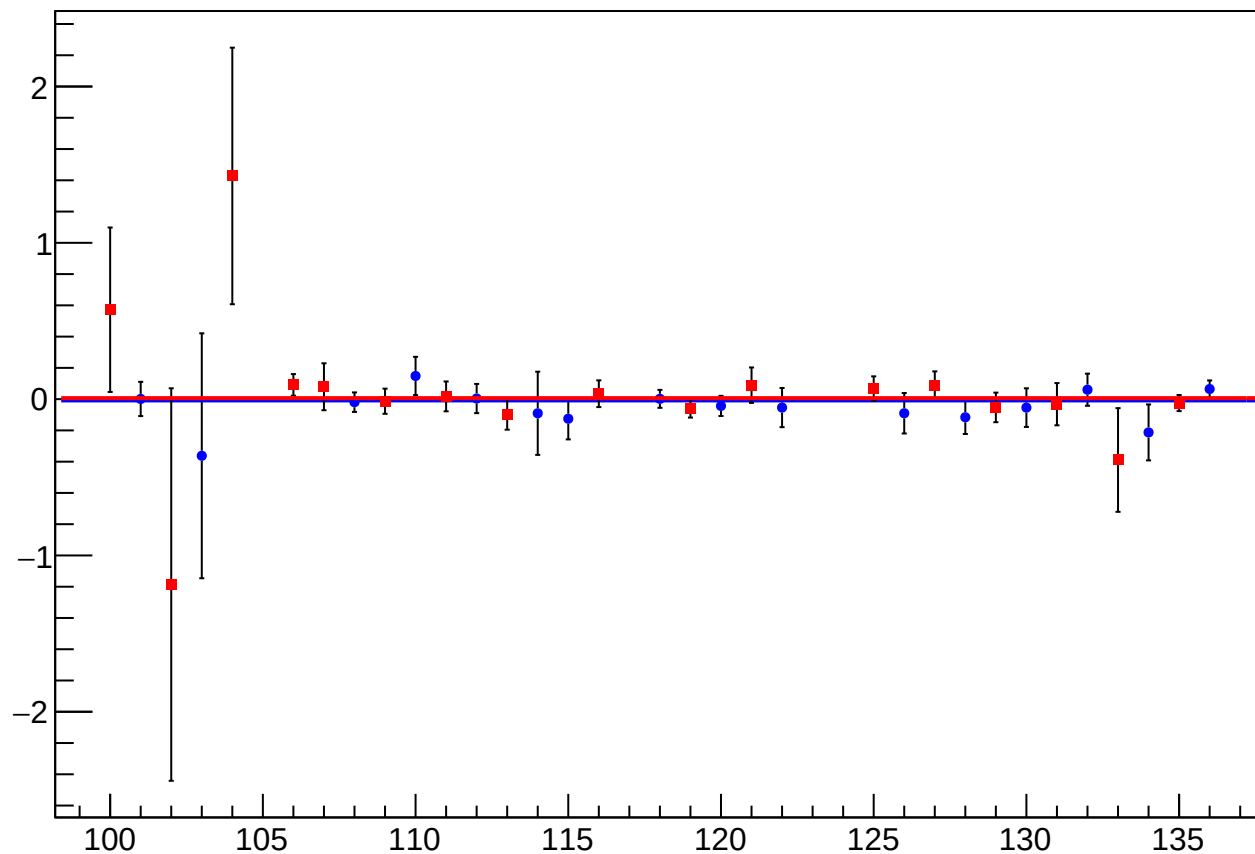
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 11840173.8/32

asym_us_dd_at2lr_dd_dd_eigen_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 : 13.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

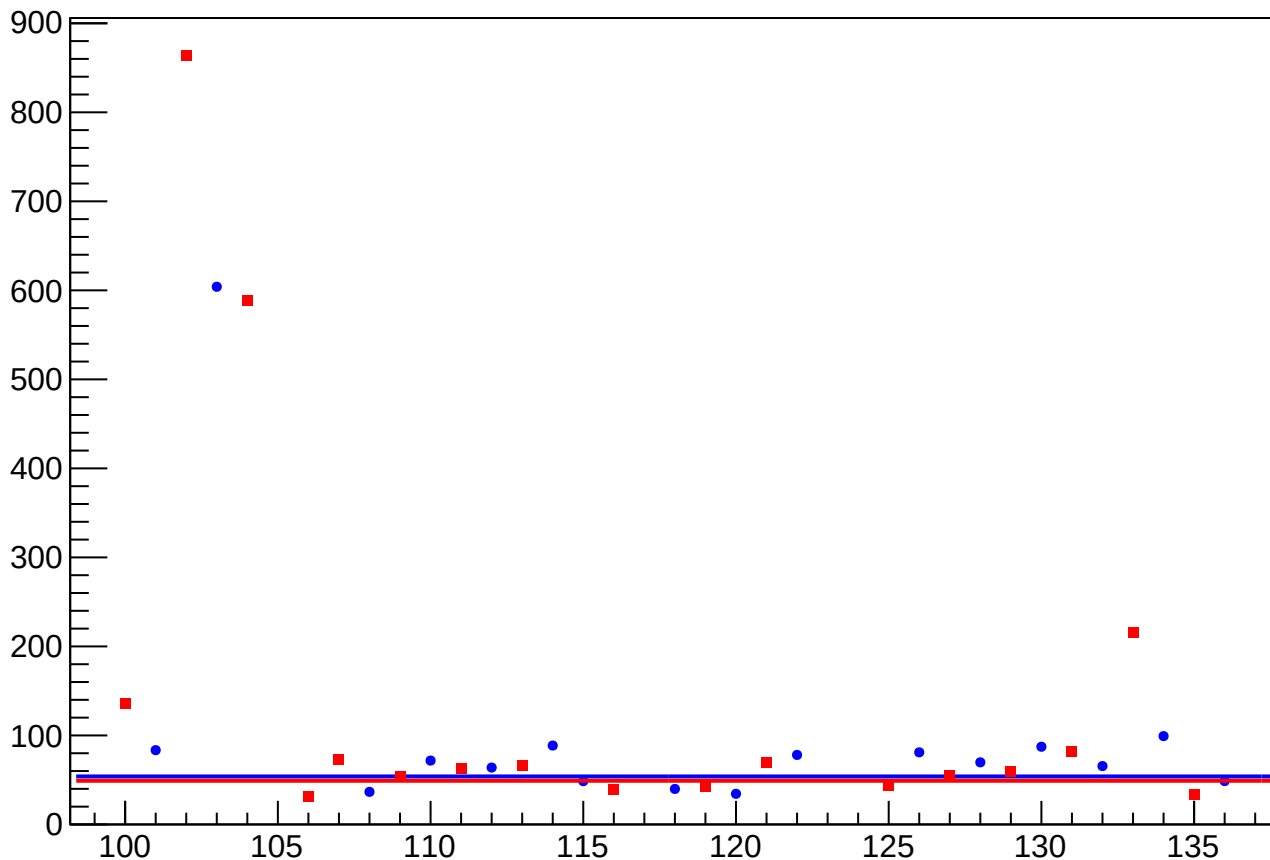
Right: -0.001 ± 0.016 χ^2/NDF : 22.2/32

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.016 χ^2/NDF : 22.2/32

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: 49.092+/-0.016 χ^2/NDF : 2999636.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

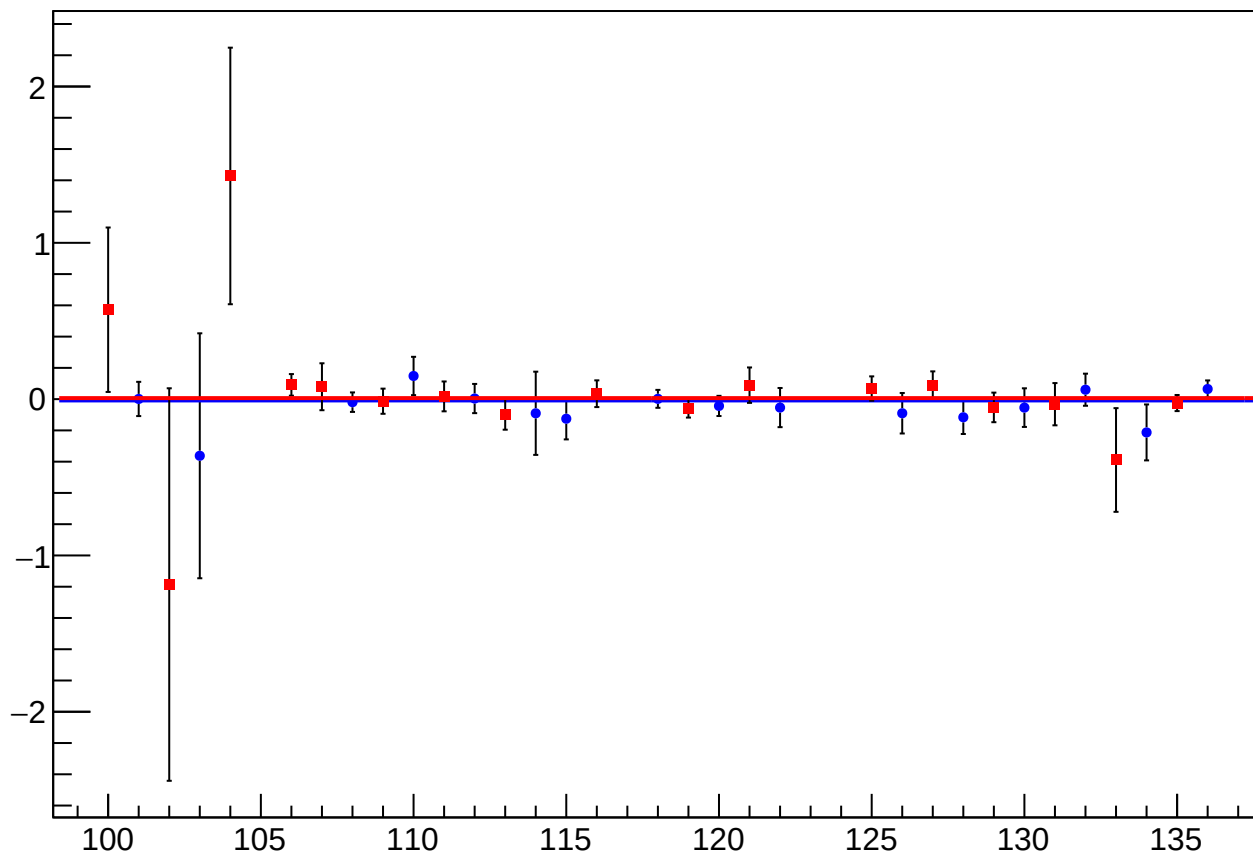
Right: 51.446+/-0.011 χ^2/NDF : 5258583.2/32

In: 53.929+/-0.016 χ^2/NDF : 2213950.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.446+/-0.011 χ^2/NDF : 5258583.2/32

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 : 13.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

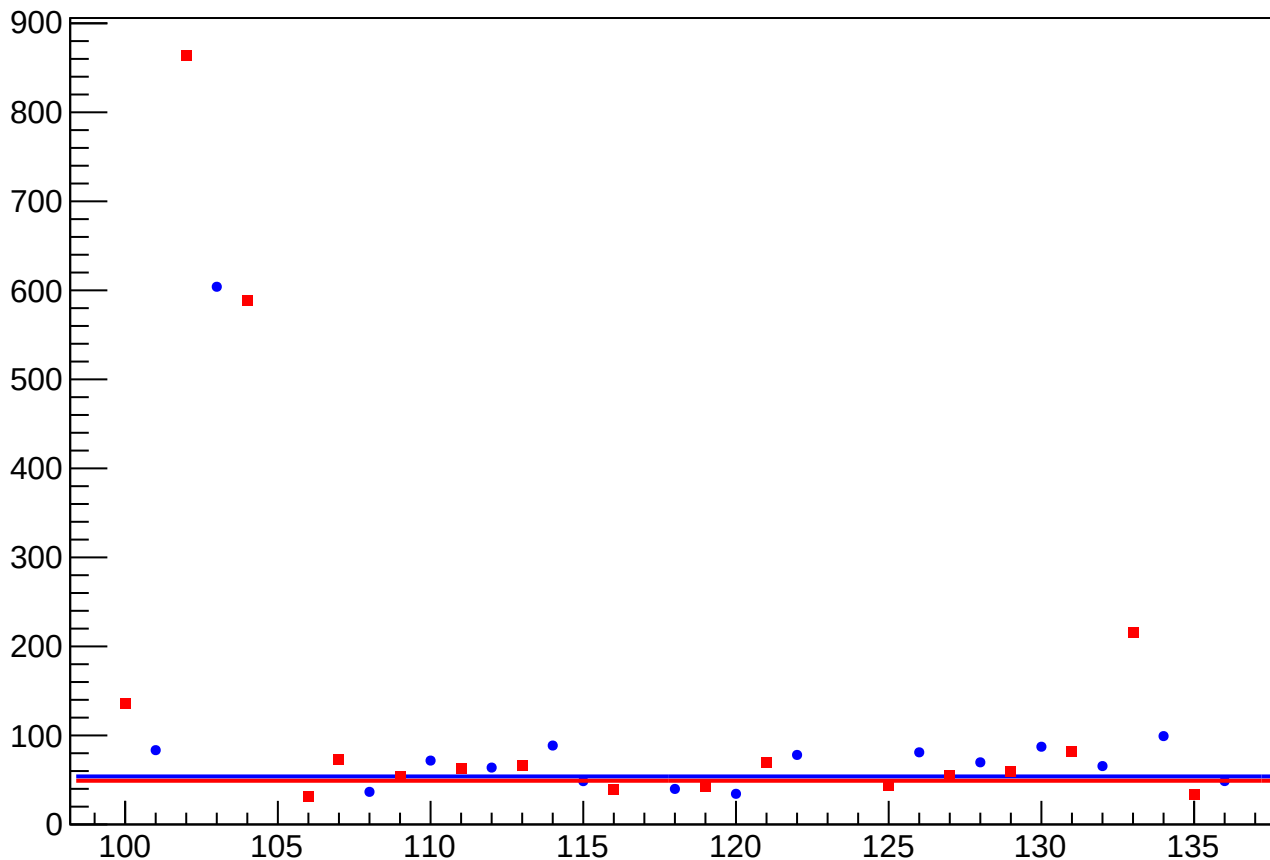
Right: -0.001 ± 0.016 χ^2/NDF : 22.2/32

In: -0.008 ± 0.023 χ^2/NDF : 8.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.016 χ^2/NDF : 22.2/32

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: 49.092+/-0.016 χ^2/NDF : 2999636.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

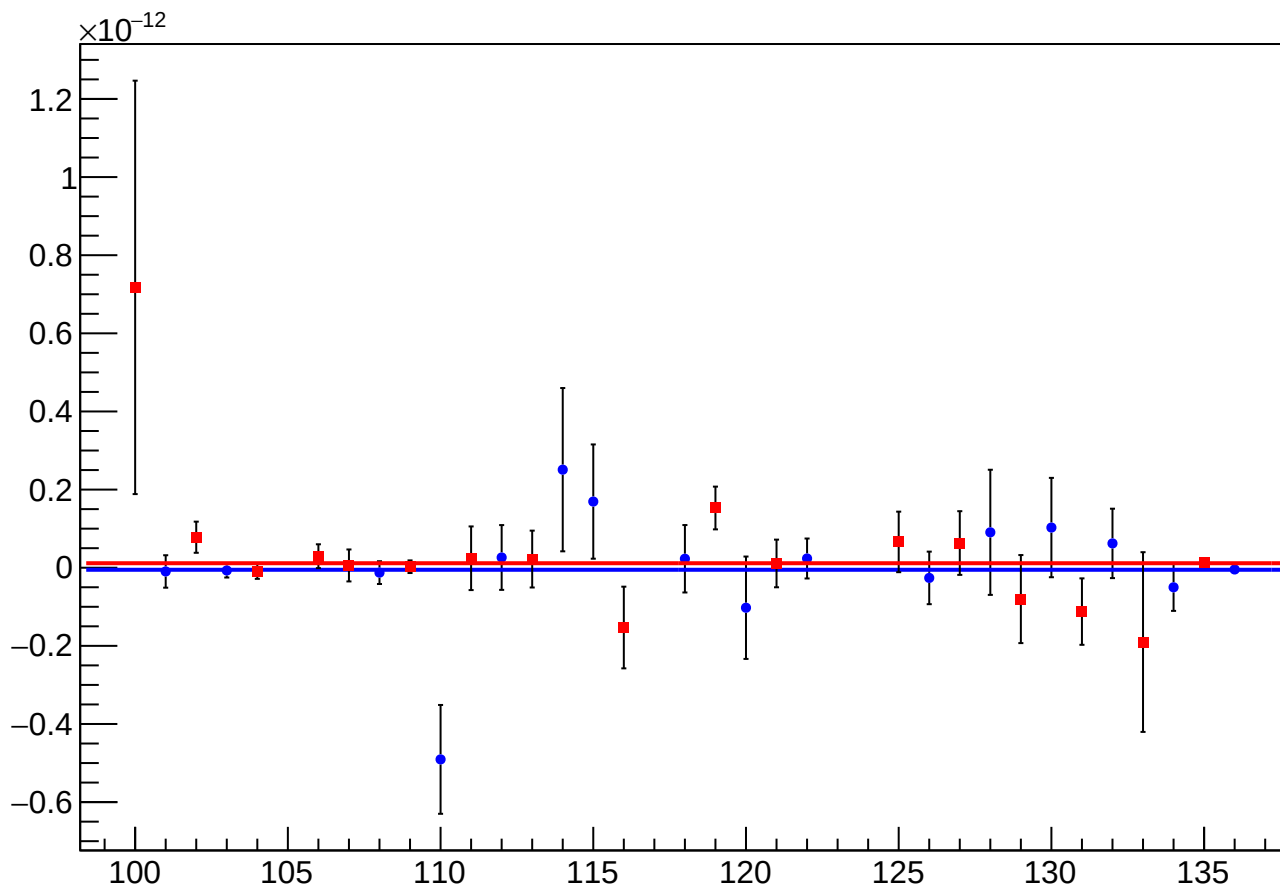
Right: 51.446+/-0.011 χ^2/NDF : 5258583.2/32

In: 53.929+/-0.016 χ^2/NDF :2213950.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 51.446+/-0.011 χ^2/NDF : 5258583.2/32

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 : 20.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

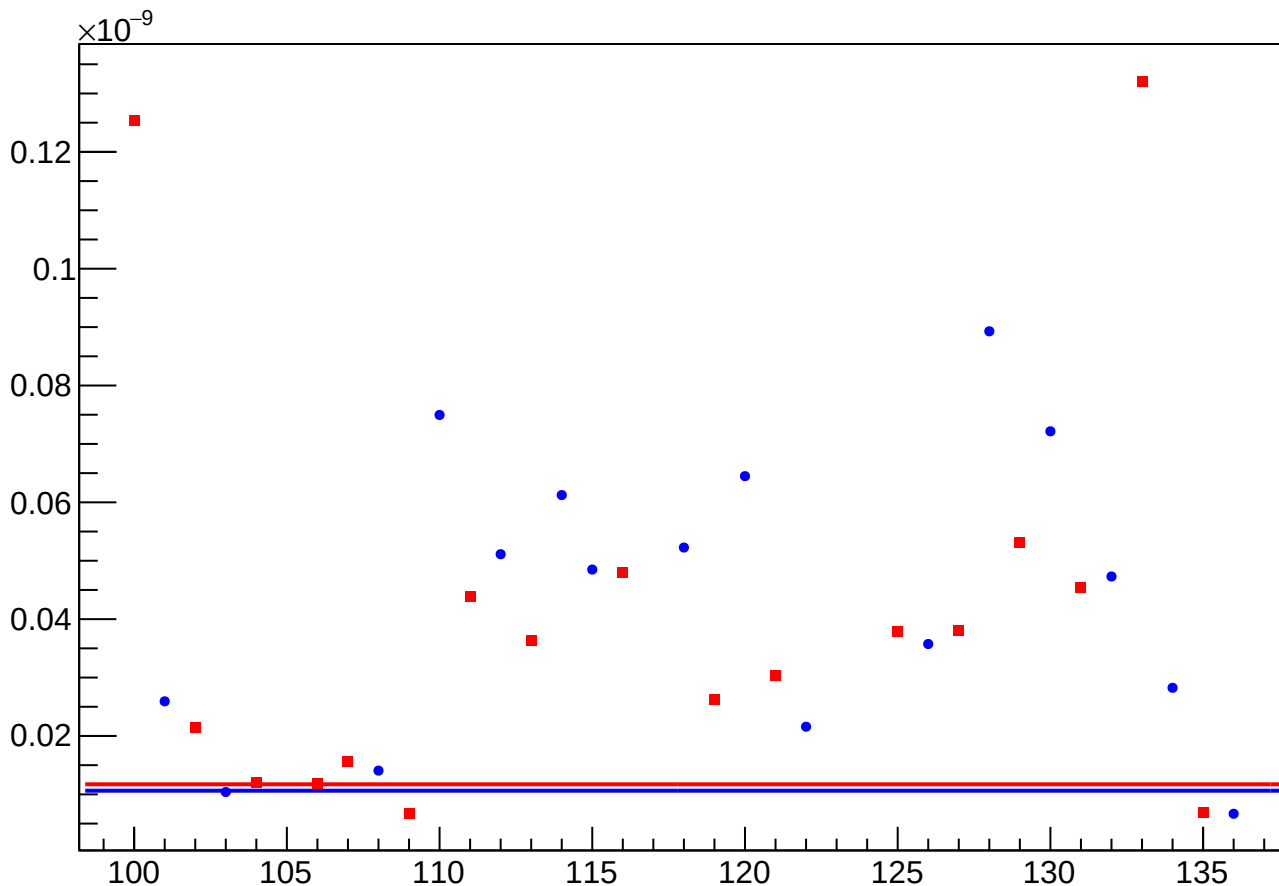
Right: 0.000+/-0.000 χ^2/NDF : 41.3/32

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 : 41.3/32

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 : 3398250.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

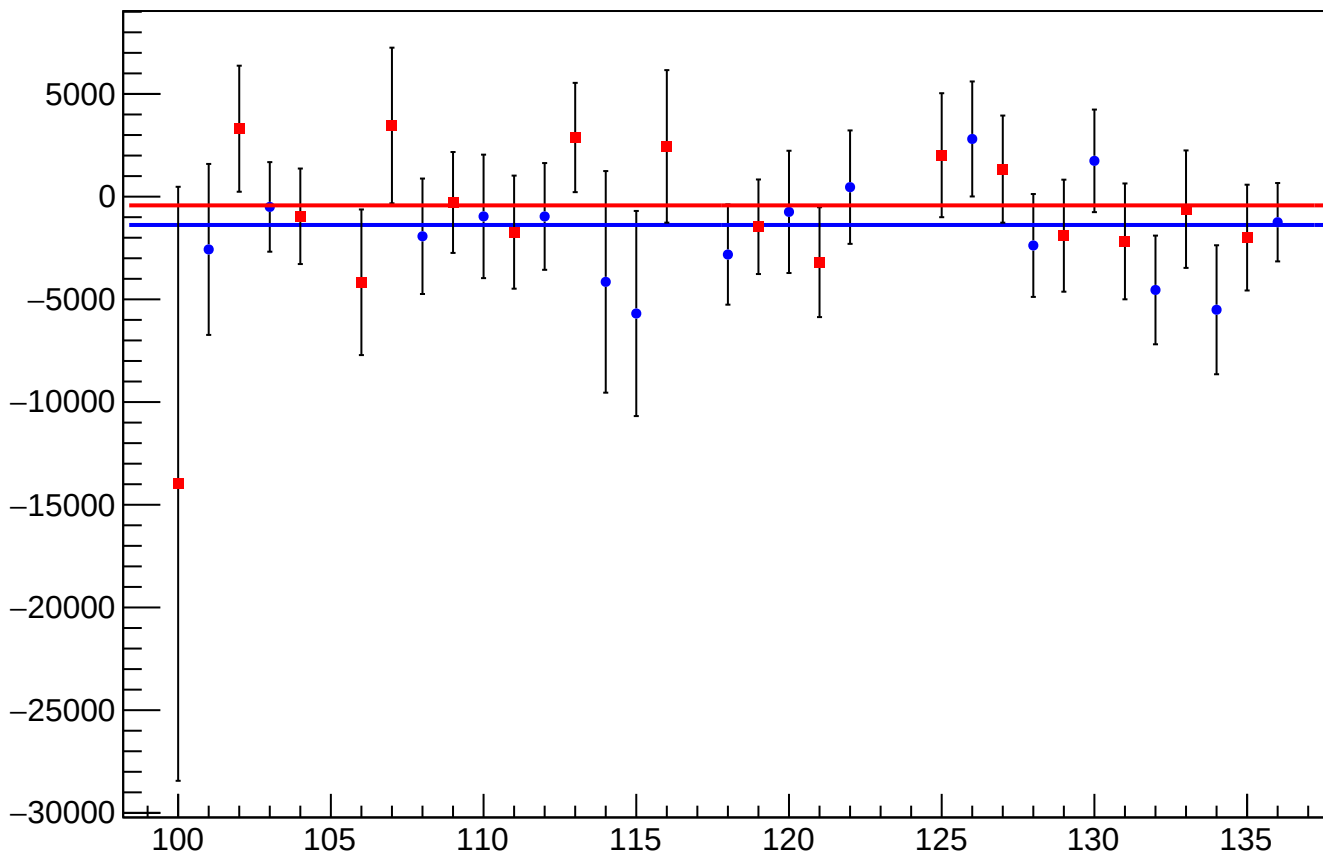
Right: 0.000+/-0.000 χ^2/NDF : 7978428.6/32

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 : 7978428.6/32

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: -425.053+/-694.093 χ^2/NDF : 10.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

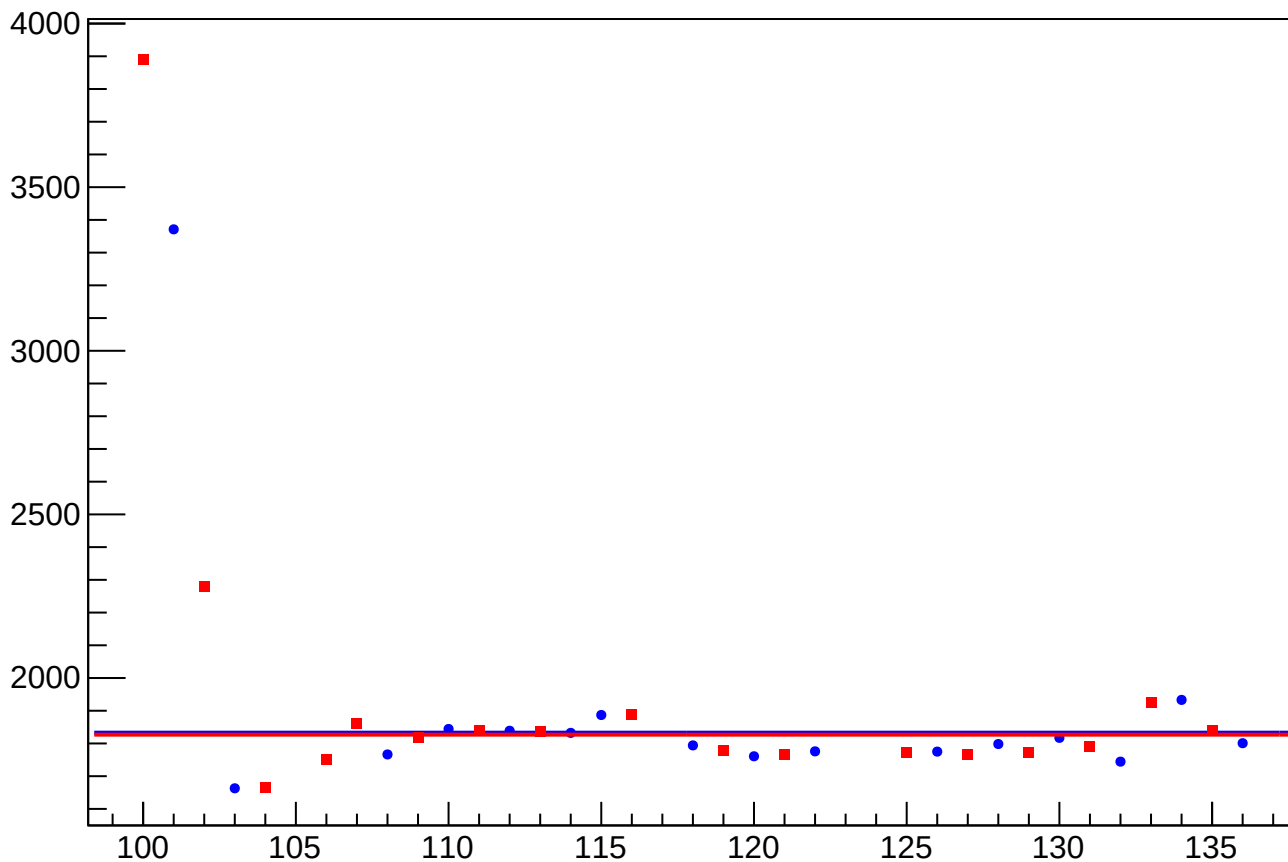
Right: -905.397+/-488.998 χ^2/NDF : 20.6/32

In: -1378.758+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -905.397+/-488.998 χ^2/NDF : 20.6/32

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: 1826.944+/-0.491 χ^2/NDF : 102929.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

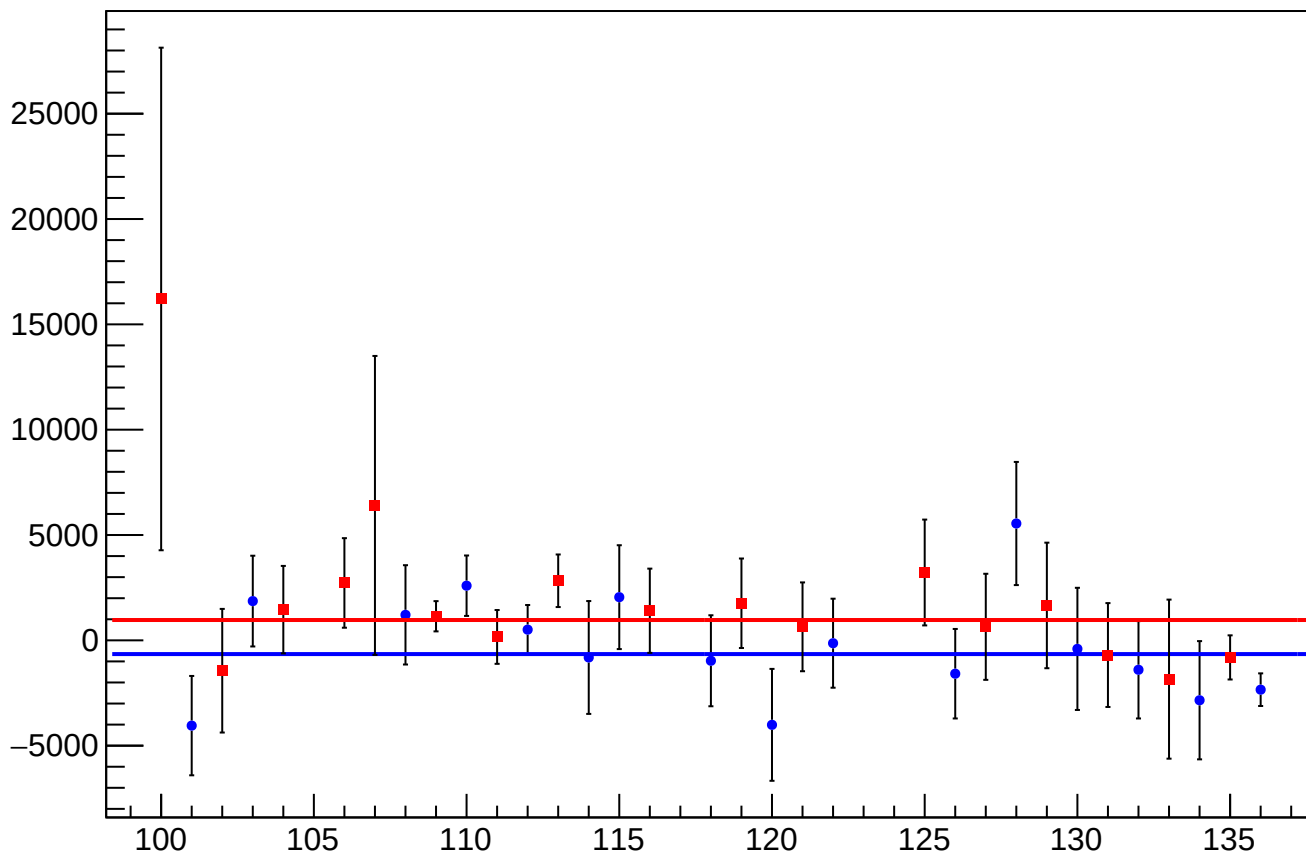
Right: 1829.967+/-0.346 χ^2/NDF : 398444.2/32

In: 1832.947+/-0.487 χ^2/NDF : 295439.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1829.967+/-0.346 χ^2/NDF : 398444.2/32

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: 965.066+/-406.111 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

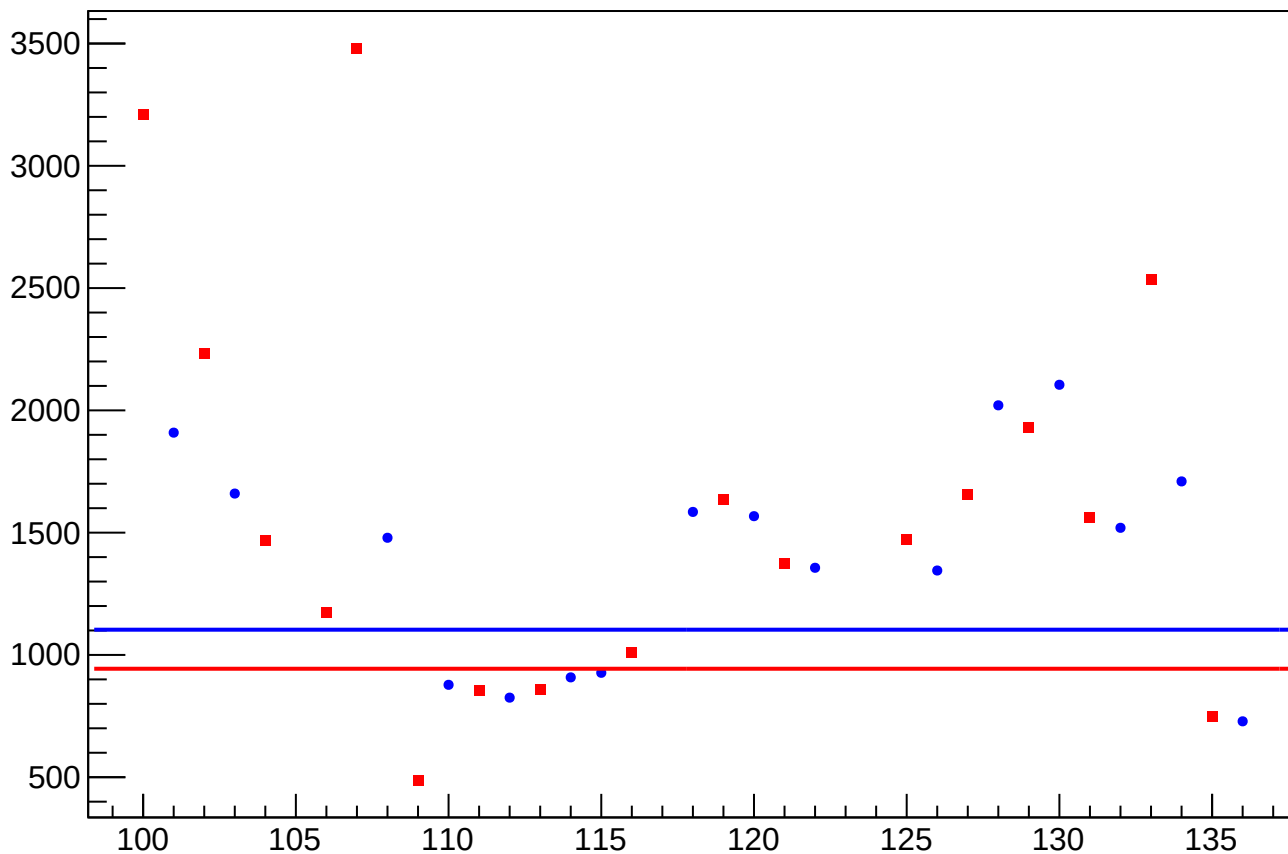
Right: 225.109+/-299.090 χ^2/NDF : 41.8/32

In: -651.944+/-442.135 χ^2/NDF : 23.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.109+/-299.090 χ^2/NDF : 41.8/32

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: 943.528+/-0.287 χ^2/NDF : 3014502.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

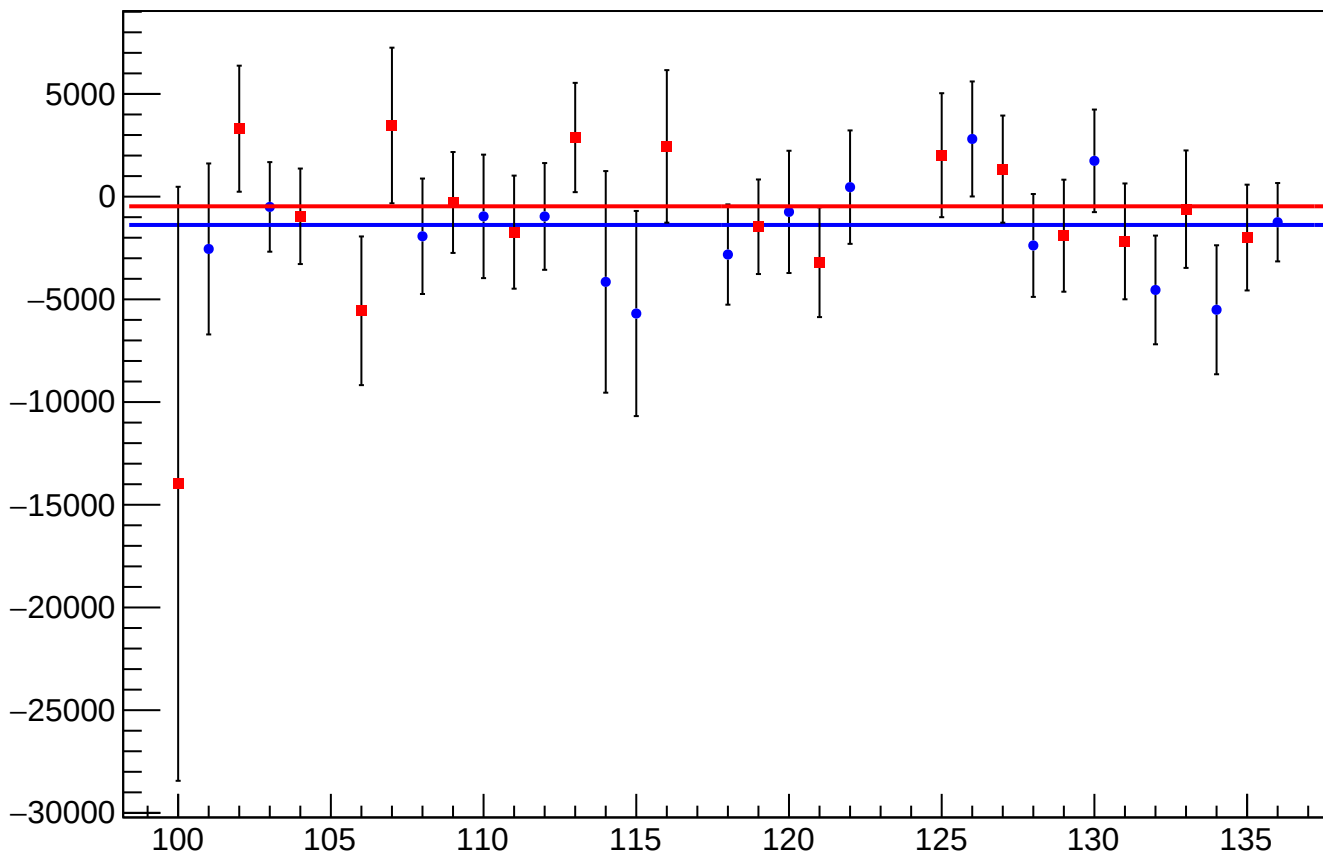
Right: 1016.588+/-0.211 χ^2/NDF : 5034128.3/32

In: 1103.183+/-0.313 χ^2/NDF : 1878176.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.588+/-0.211 χ^2/NDF : 5034128.3/32

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: -470.329+/-694.637 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

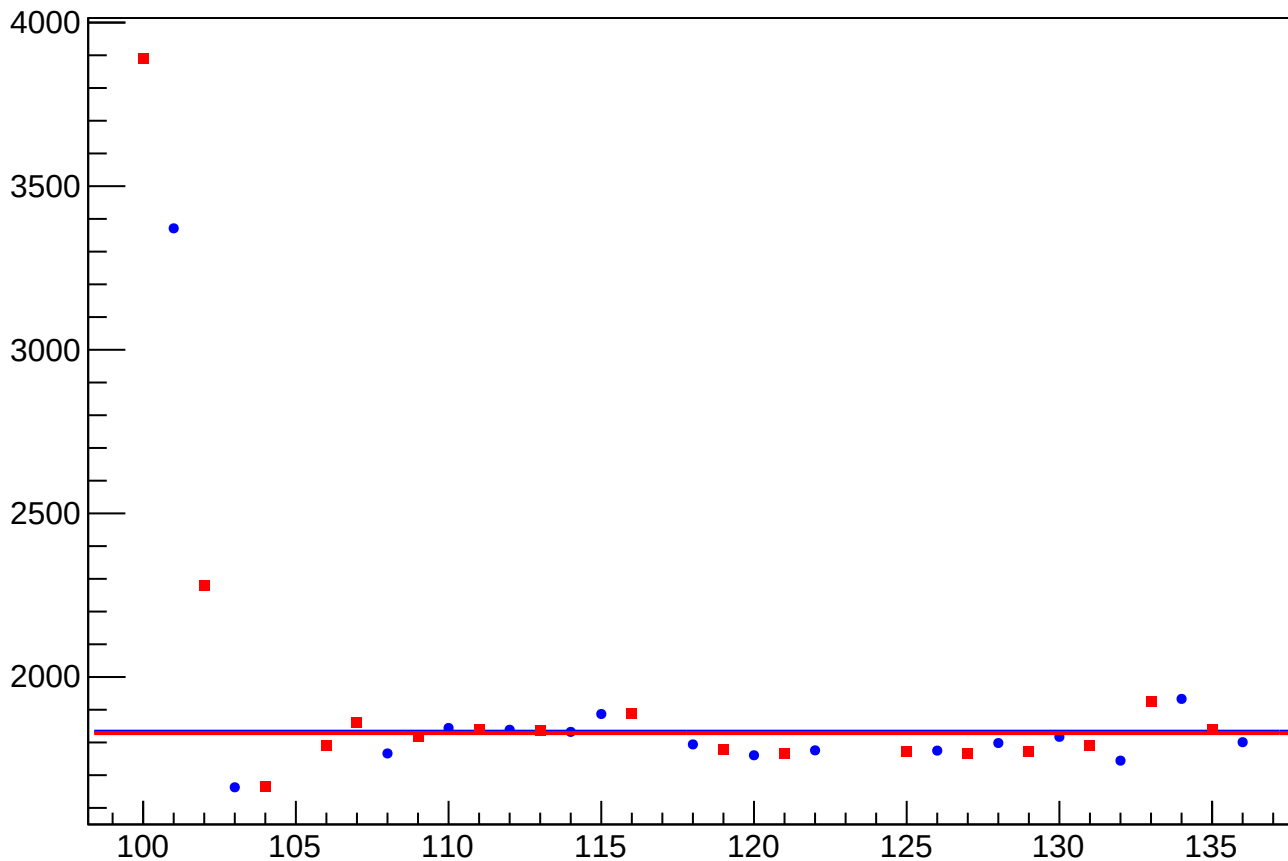
Right: -927.910+/-489.188 χ^2/NDF : 21.4/32

In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -927.910+/-489.188 χ^2/NDF : 21.4/32

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: 1828.570+/-0.491 χ^2/NDF : 102183.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

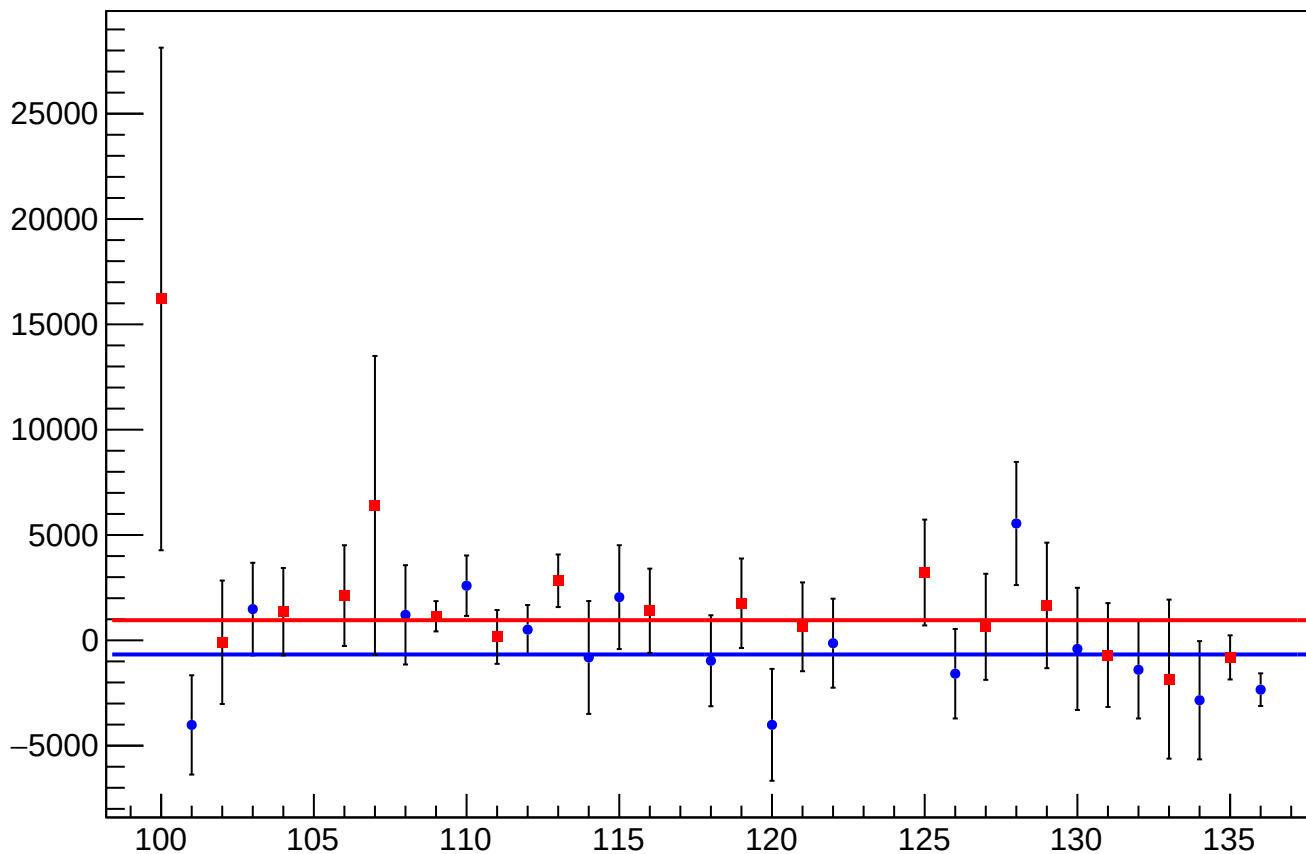
Right: 1830.776+/-0.346 χ^2/NDF : 397664.2/32

In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.776+/-0.346 χ^2/NDF : 397664.2/32

asym_us_dd_atlr_dd_avg_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: 955.961+/-407.644 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

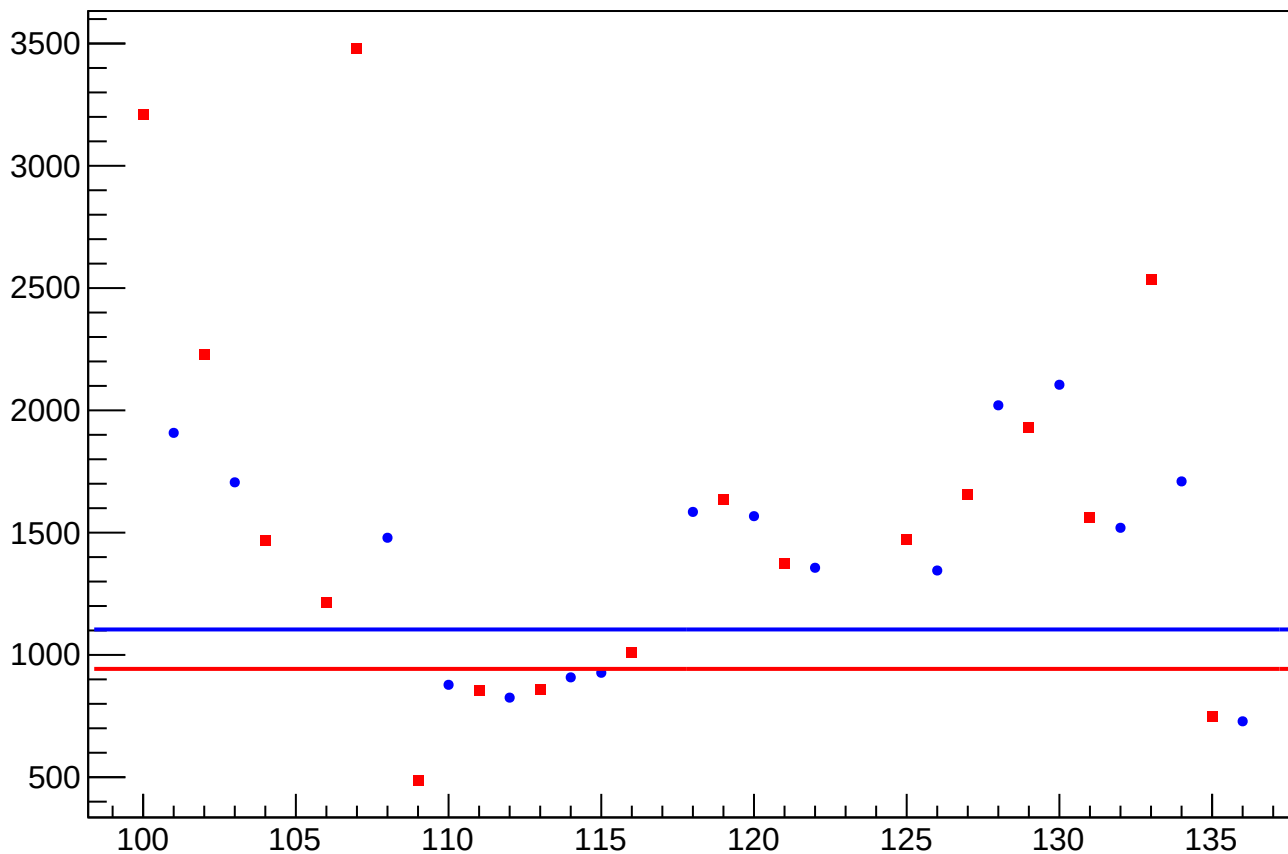
Right: 209.295+/-299.816 χ^2/NDF : 40.3/32

In: -670.539+/-442.505 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.295+/-299.816 χ^2/NDF : 40.3/32

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: 942.861+/-0.288 χ^2/NDF : 3015031.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

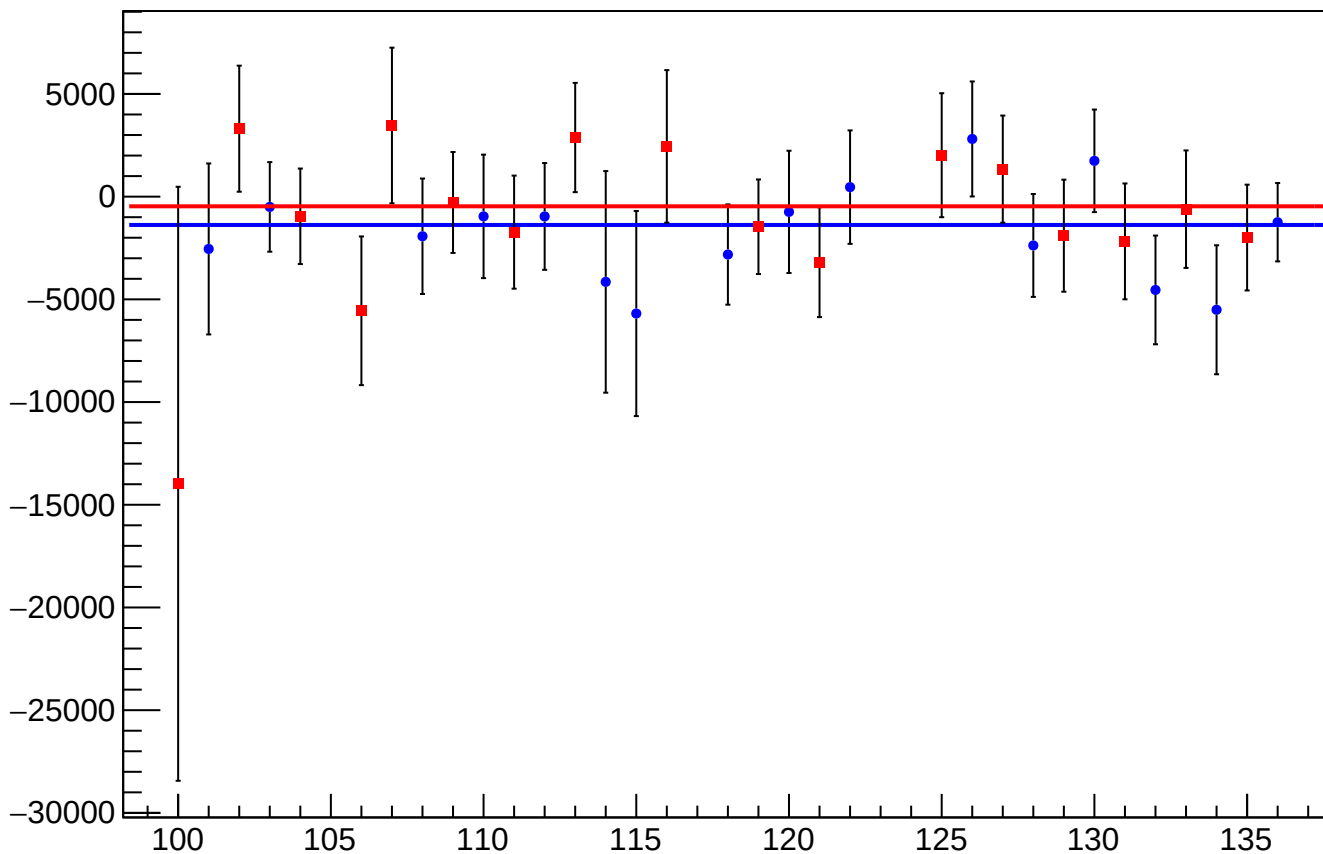
Right: 1016.881+/-0.212 χ^2/NDF : 5053158.7/32

In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.881+/-0.212 χ^2/NDF : 5053158.7/32

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: -470.329+/-694.637 χ^2/NDF : 11.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

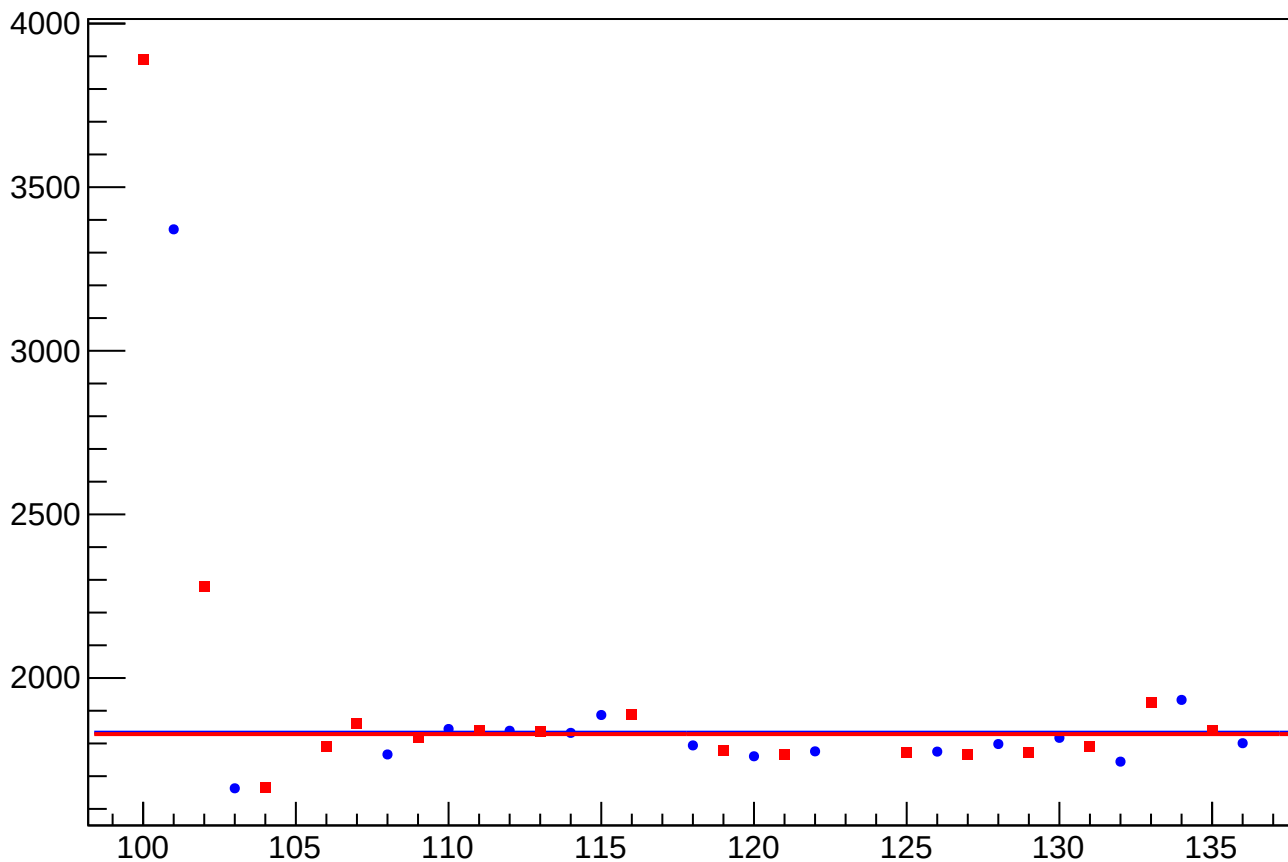
Right: -927.910+/-489.188 χ^2/NDF : 21.4/32

In: -1378.133+/-689.030 χ^2/NDF : 9.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -927.910+/-489.188 χ^2/NDF : 21.4/32

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: 1828.570+/-0.491 χ^2/NDF : 102183.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

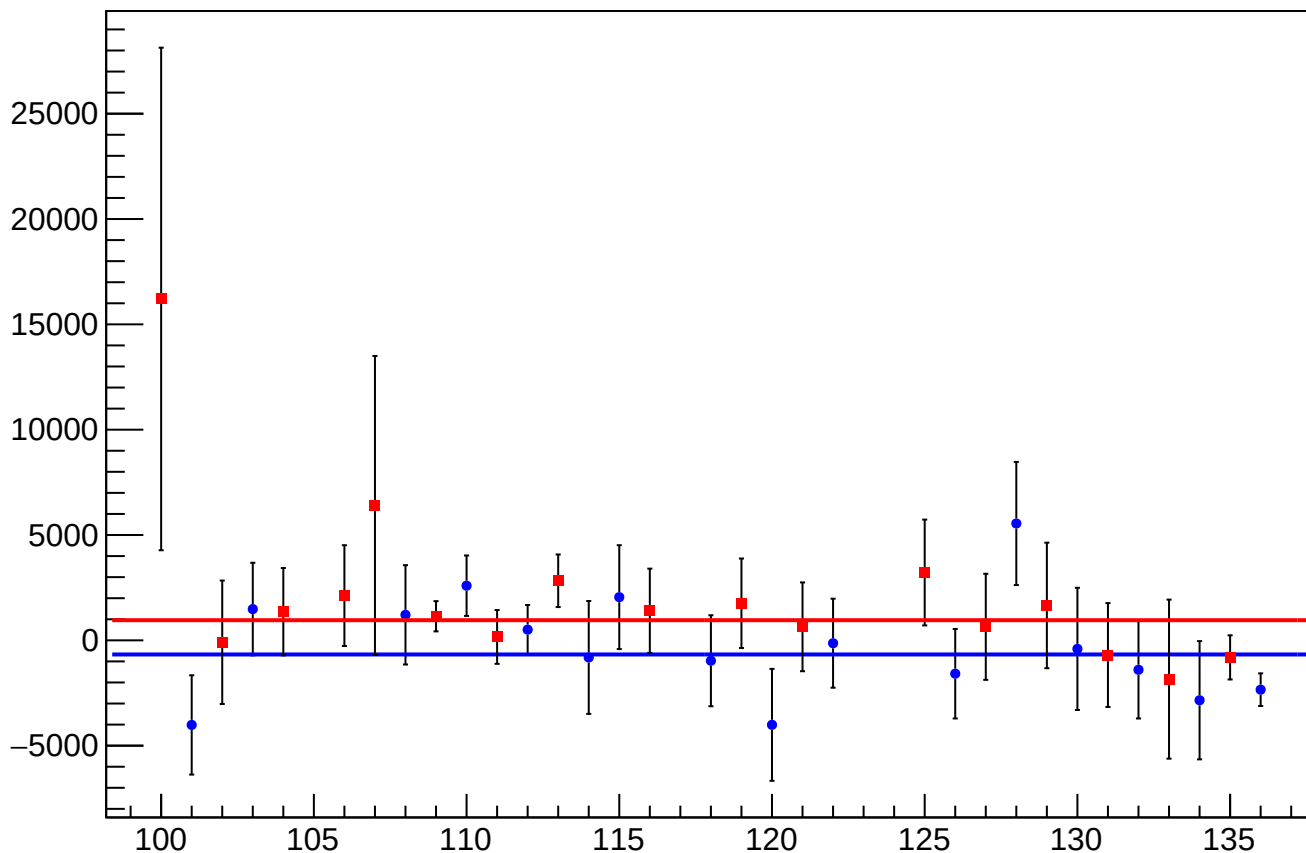
Right: 1830.776+/-0.346 χ^2/NDF : 397664.2/32

In: 1832.947+/-0.487 χ^2/NDF : 295441.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1830.776+/-0.346 χ^2/NDF : 397664.2/32

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: 955.961+/-407.644 χ^2/NDF : 10.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

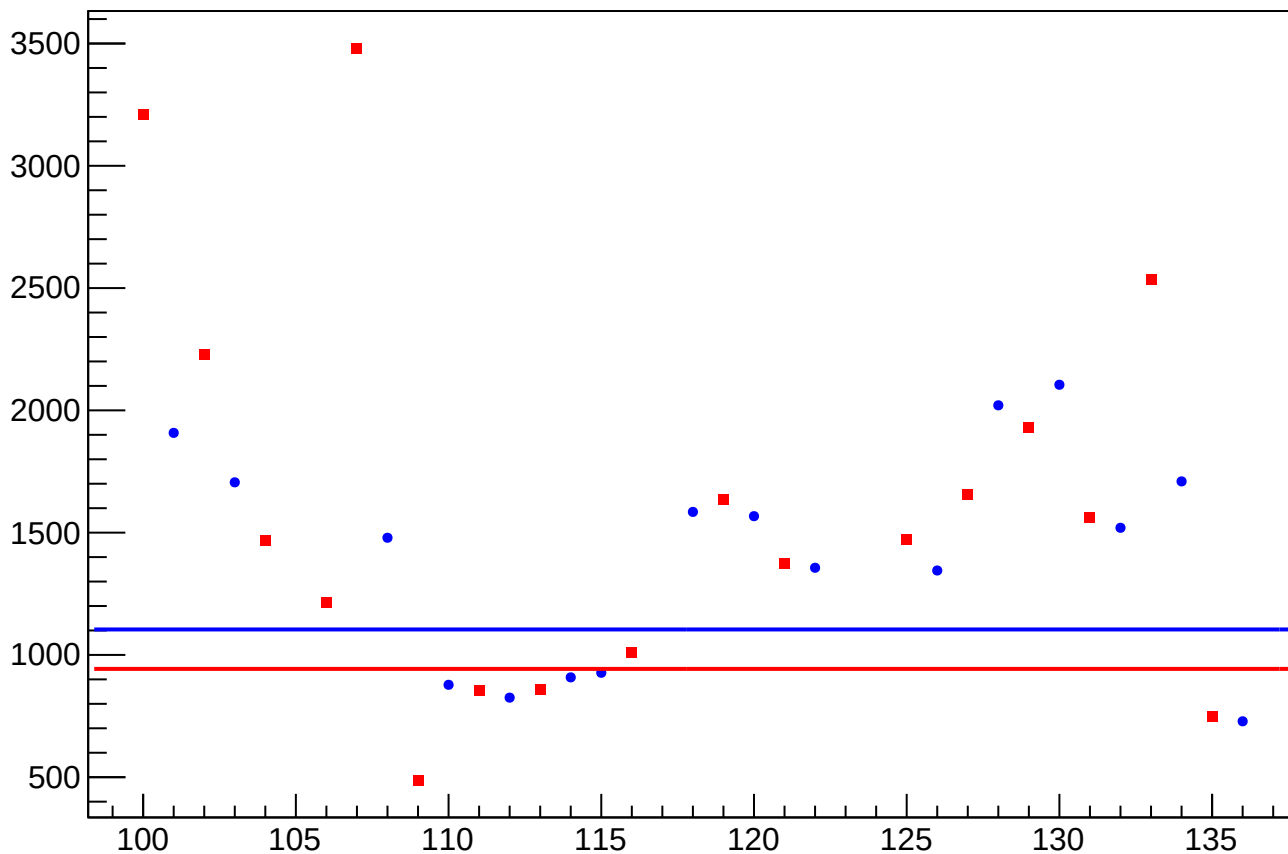
Right: 209.295+/-299.816 χ^2/NDF : 40.3/32

In: -670.539+/-442.505 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 209.295+/-299.816 χ^2/NDF : 40.3/32

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: 942.861+/-0.288 χ^2/NDF : 3015031.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

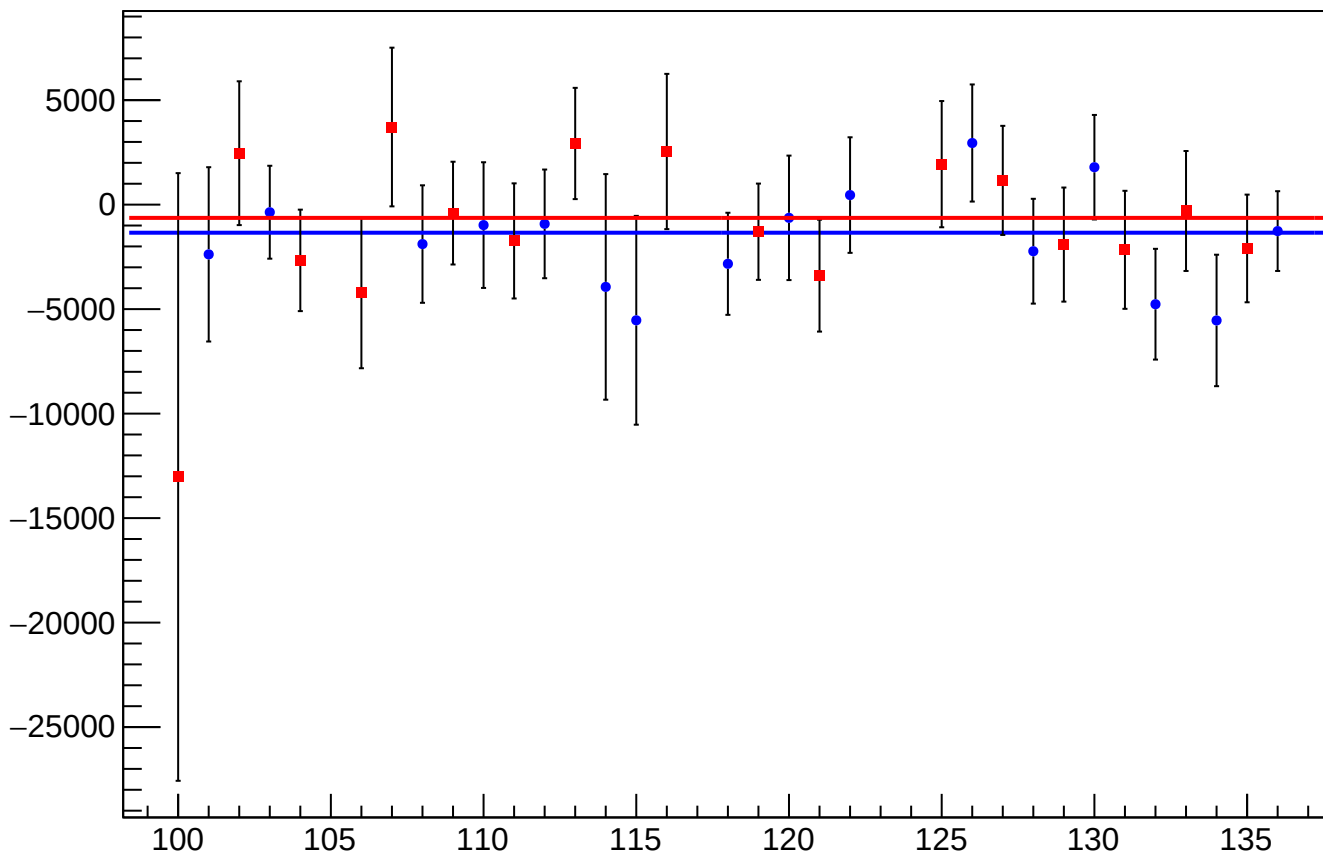
Right: 1016.881+/-0.212 χ^2/NDF : 5053158.7/32

In: 1104.103+/-0.313 χ^2/NDF : 1894482.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1016.881+/-0.212 χ^2/NDF : 5053158.7/32

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: -634.329 $\pm$ 701.493 χ^2 /NDF: 10.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

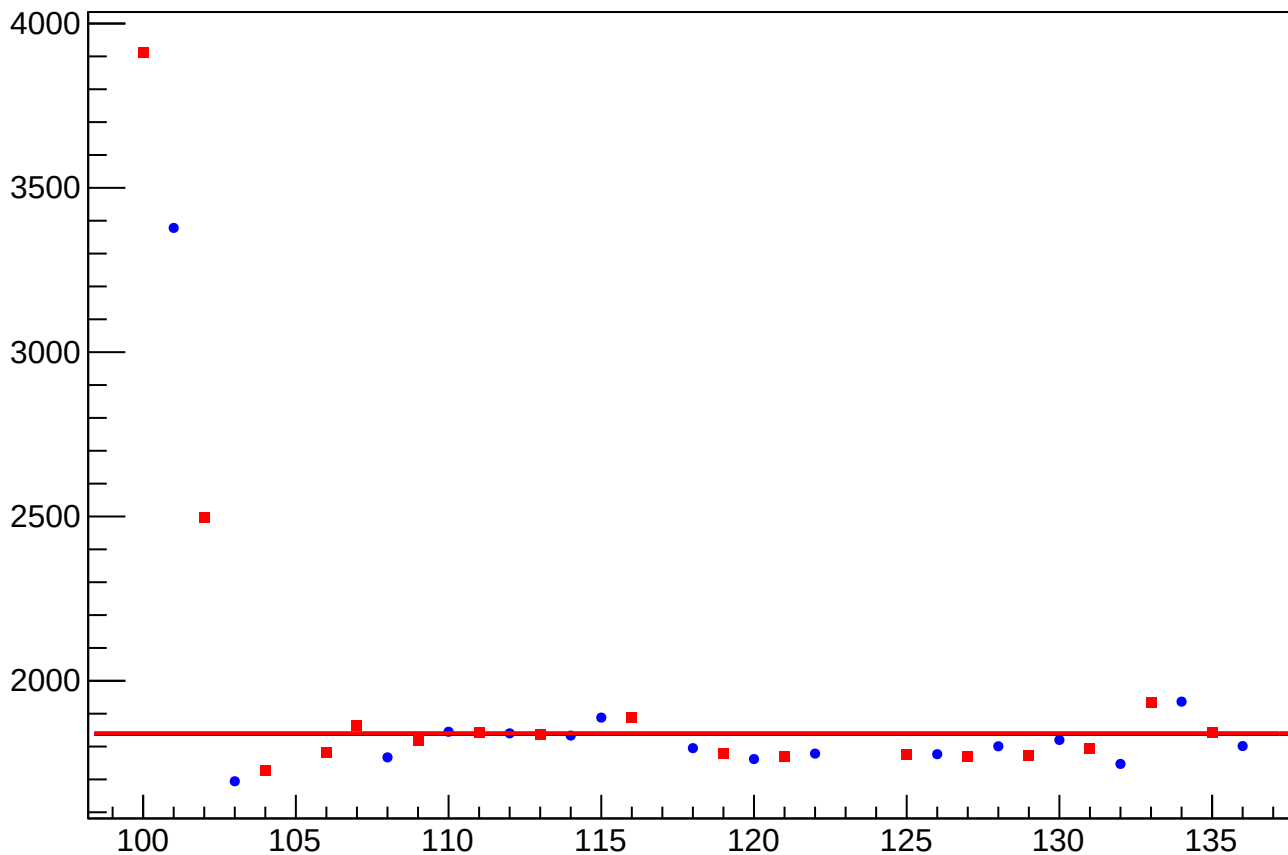
Right: -994.518 $\pm$ 492.257 χ^2 /NDF: 20.6/32

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: -994.518 $\pm$ 492.257 χ^2 /NDF: 20.6/32

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: 1840.657+/-0.496 χ^2/NDF : 128076.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

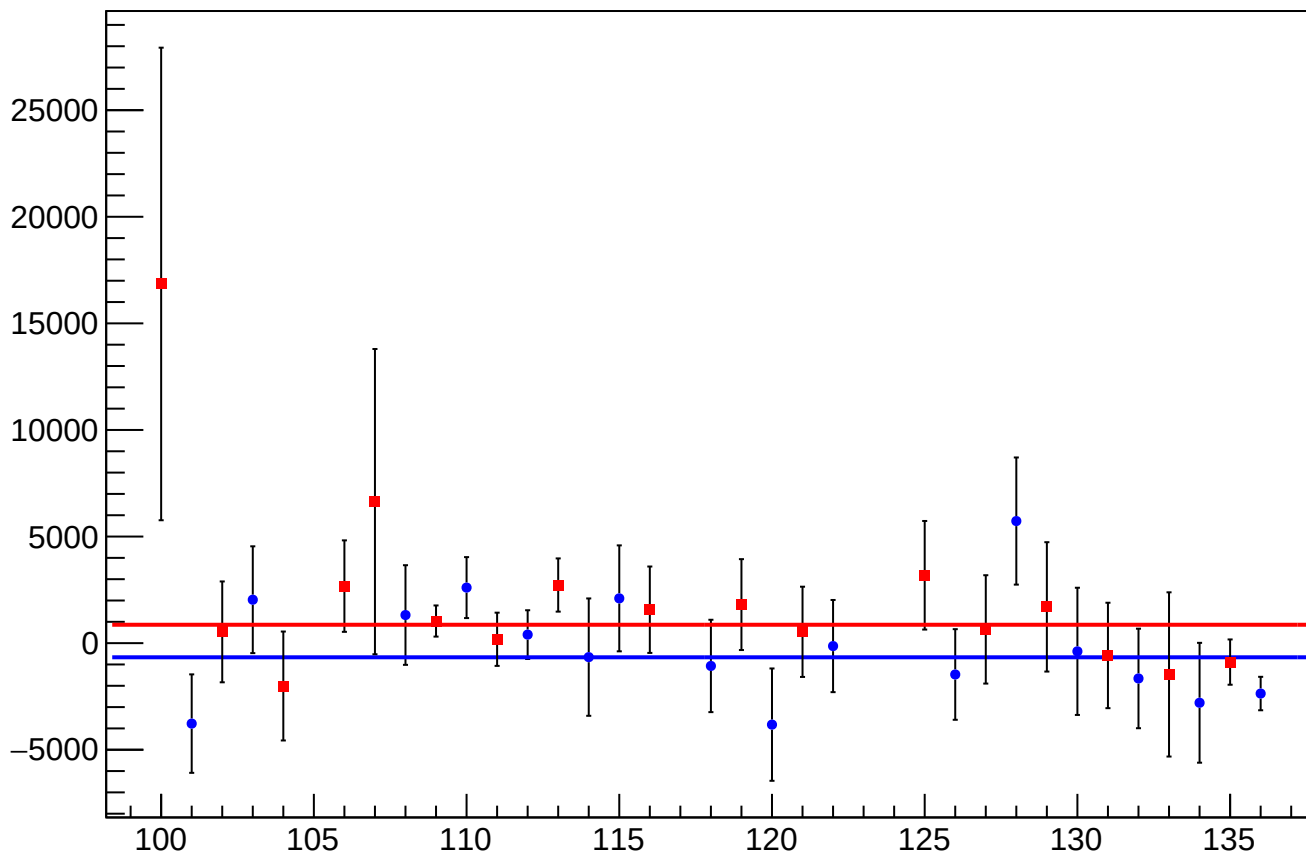
Right: 1839.389+/-0.348 χ^2/NDF : 420073.0/32

In: 1838.159+/-0.489 χ^2/NDF : 291984.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.389+/-0.348 χ^2/NDF : 420073.0/32

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: 862.793+/-409.742 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

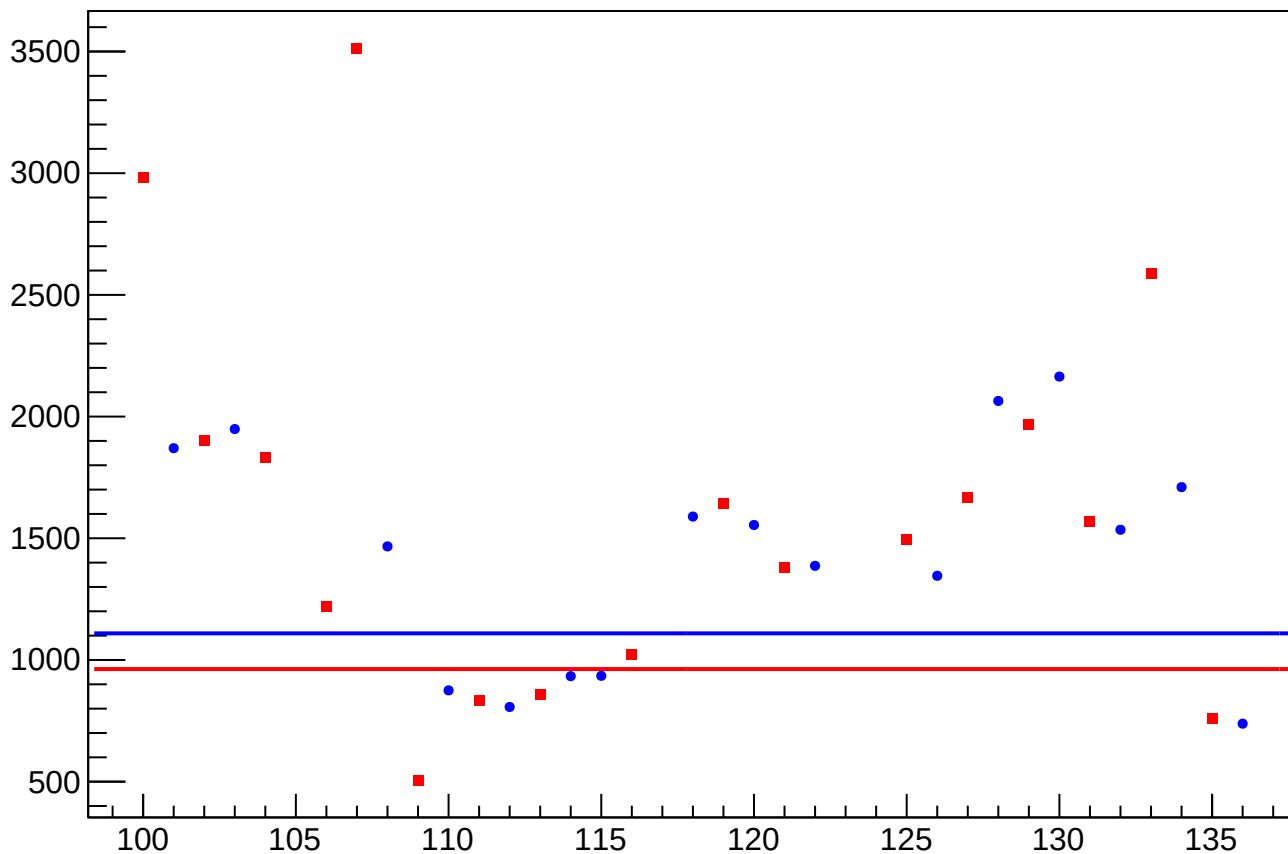
Right: 164.040+/-301.707 χ^2/NDF : 41.1/32

In: -663.489+/-445.903 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.040+/-301.707 χ^2/NDF : 41.1/32

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: 962.658+/-0.290 χ^2/NDF : 3013755.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

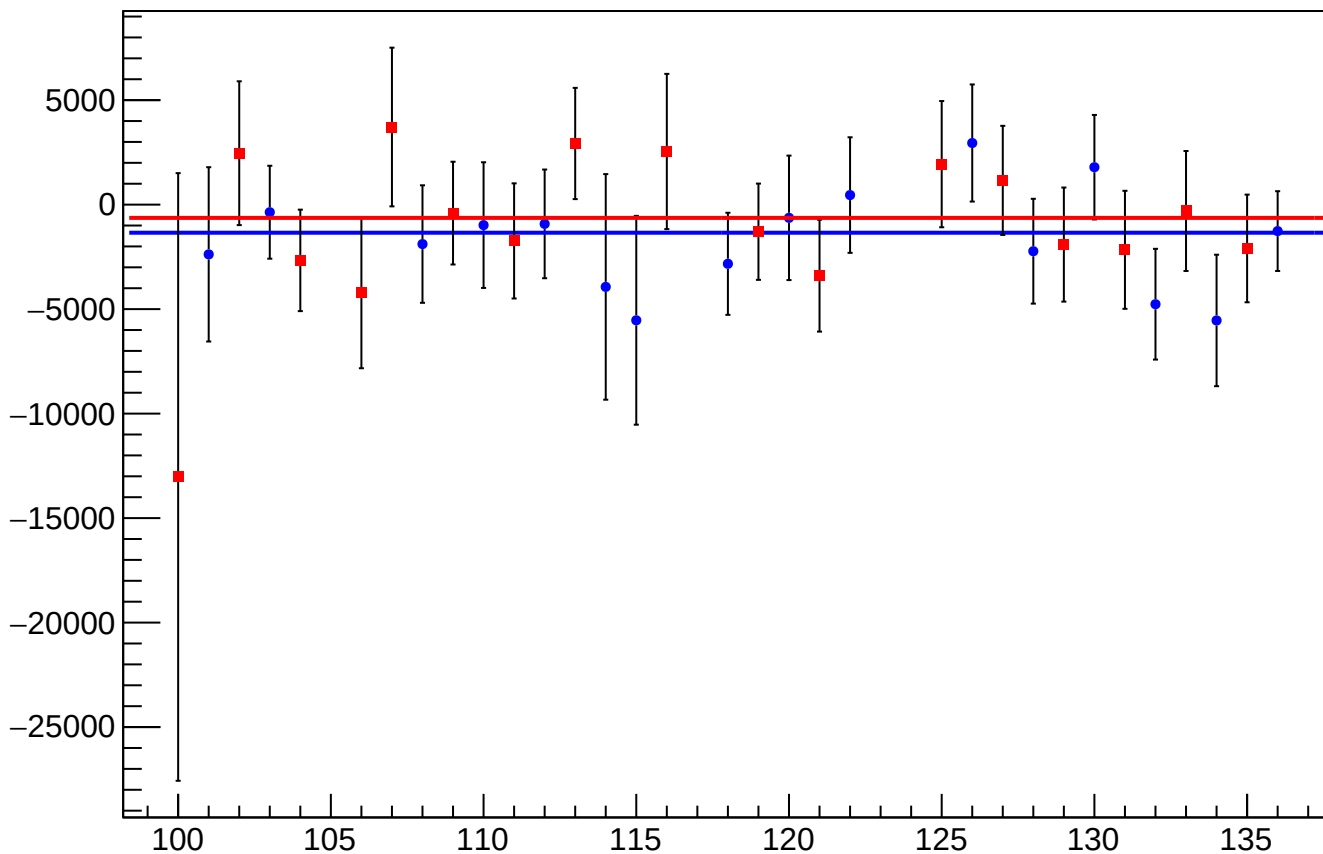
Right: 1029.821+/-0.213 χ^2/NDF : 5104496.1/32

In: 1109.362+/-0.315 χ^2/NDF : 1973363.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.821+/-0.213 χ^2/NDF : 5104496.1/32

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: -634.333 $\pm$ 701.493 χ^2 /NDF: 10.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

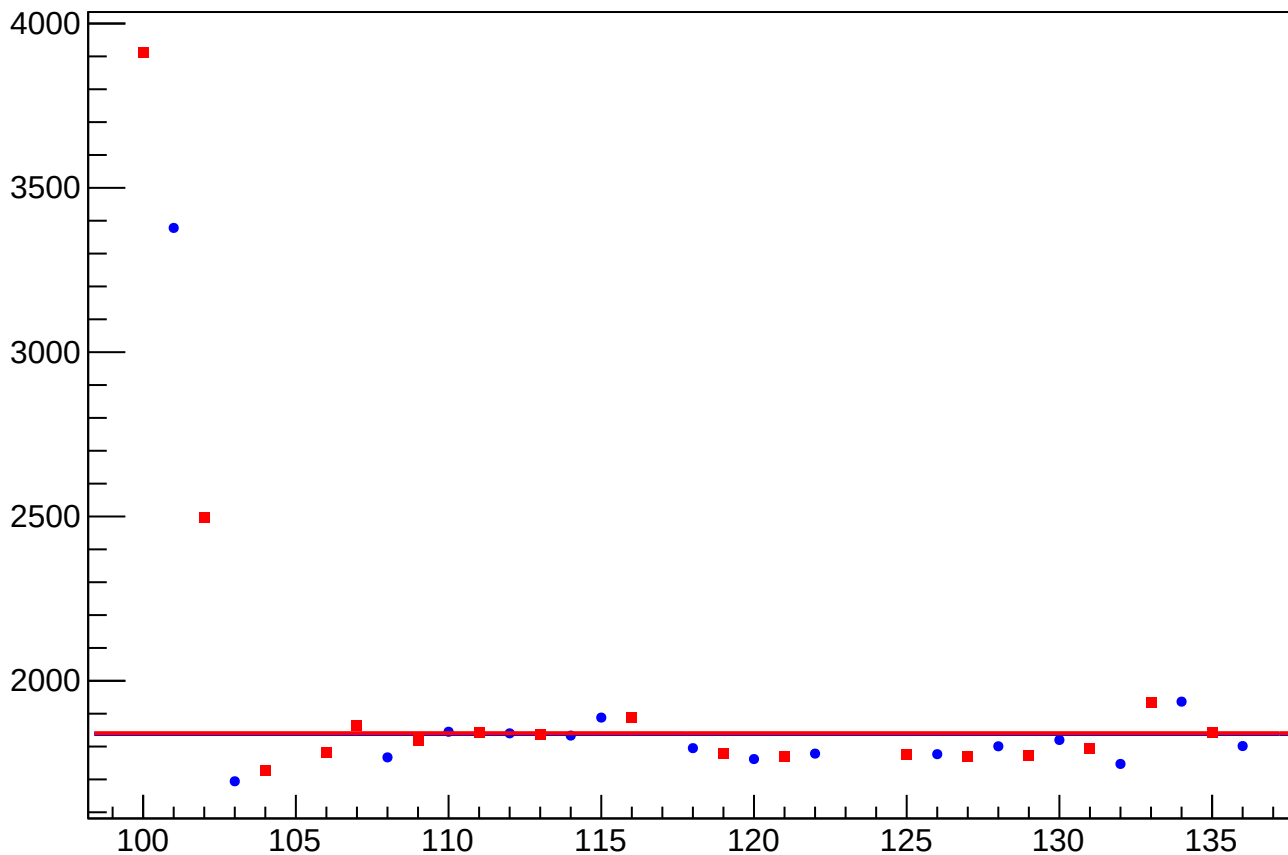
Right: -994.522 $\pm$ 492.257 χ^2 /NDF: 20.6/32

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: -994.522 $\pm$ 492.257 χ^2 /NDF: 20.6/32

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: 1840.658+/-0.496 χ^2/NDF : 128076.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

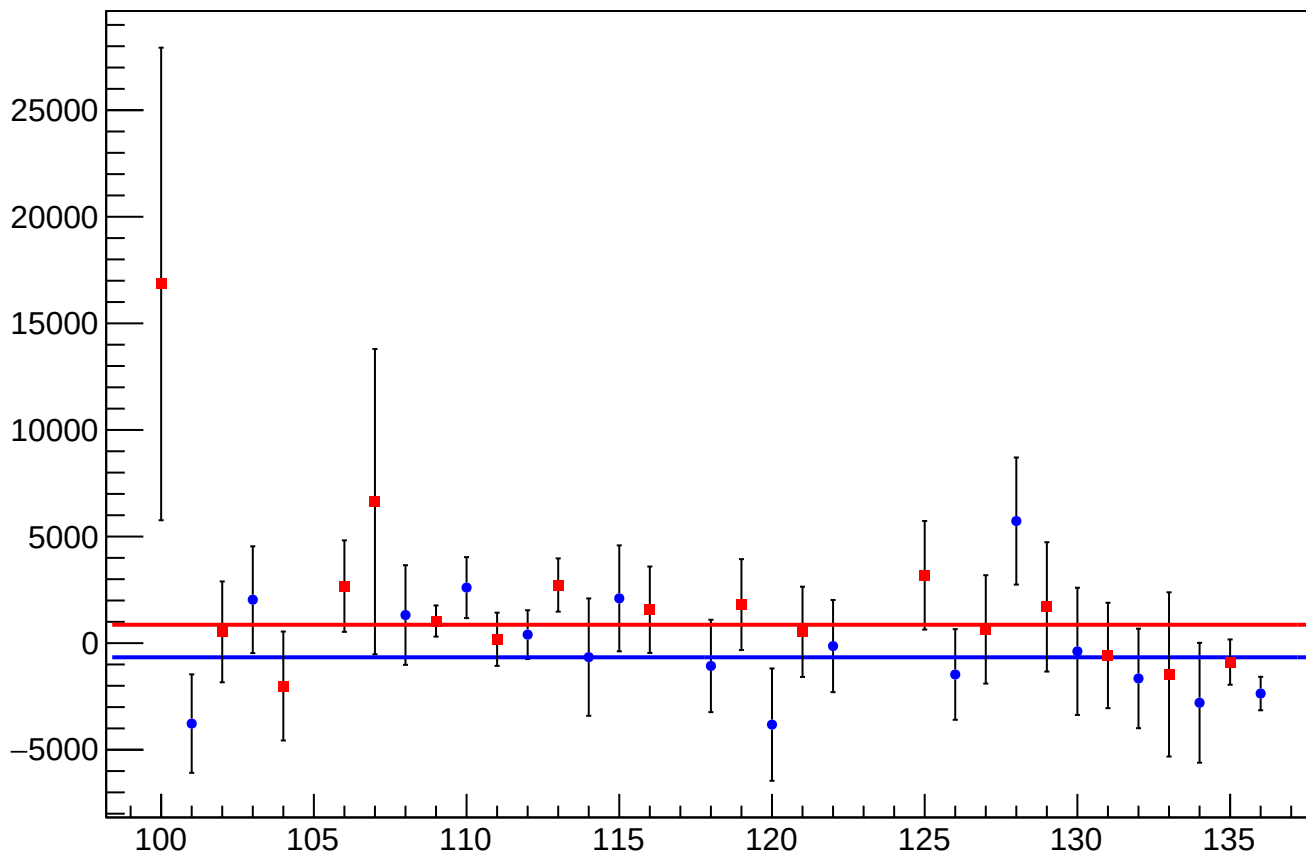
Right: 1839.389+/-0.348 χ^2/NDF : 420073.0/32

In: 1838.159+/-0.489 χ^2/NDF :291984.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1839.389+/-0.348 χ^2/NDF : 420073.0/32

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: 862.798+/-409.742 χ^2/NDF : 12.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

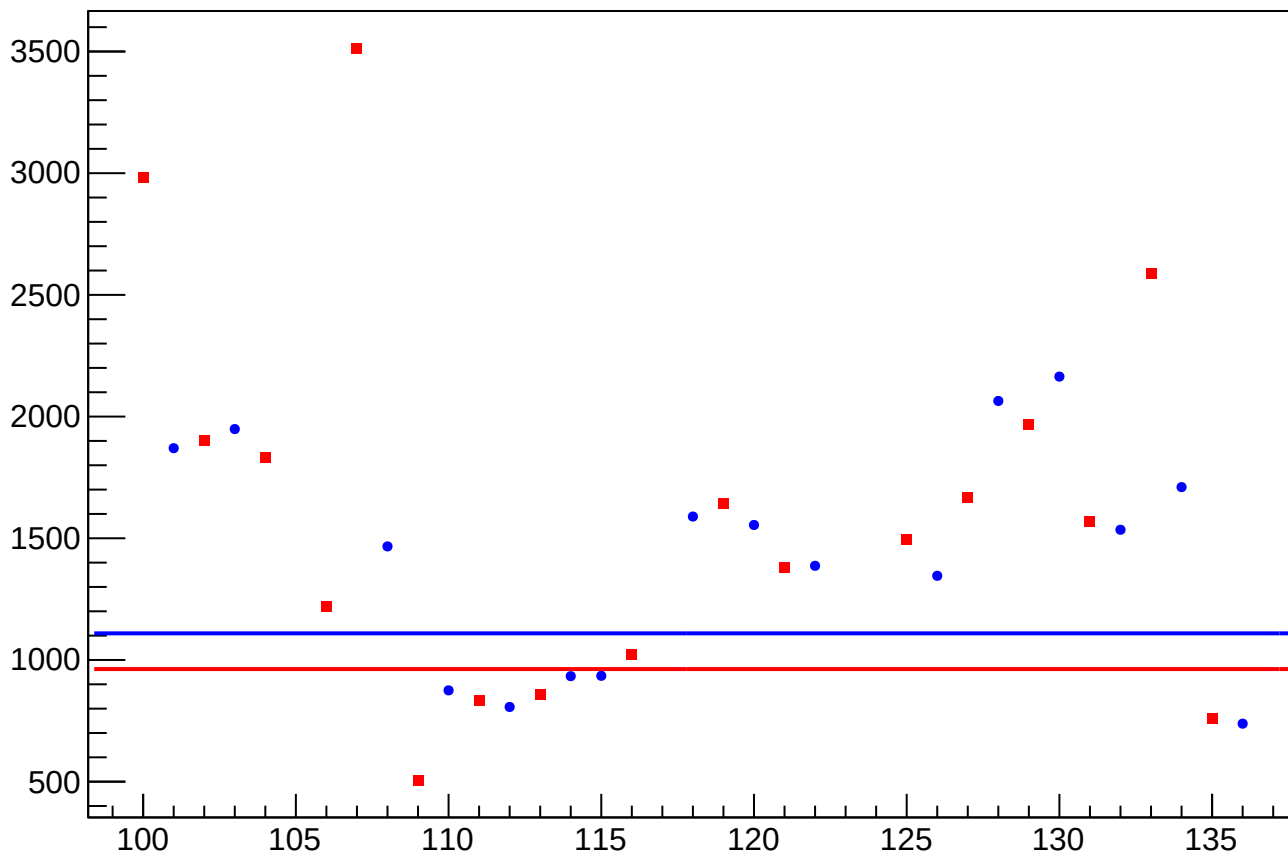
Right: 164.050+/-301.707 χ^2/NDF : 41.1/32

In: -663.476+/-445.904 χ^2/NDF : 22.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.050+/-301.707 χ^2/NDF : 41.1/32

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: 962.659+/-0.290 χ^2/NDF : 3013733.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

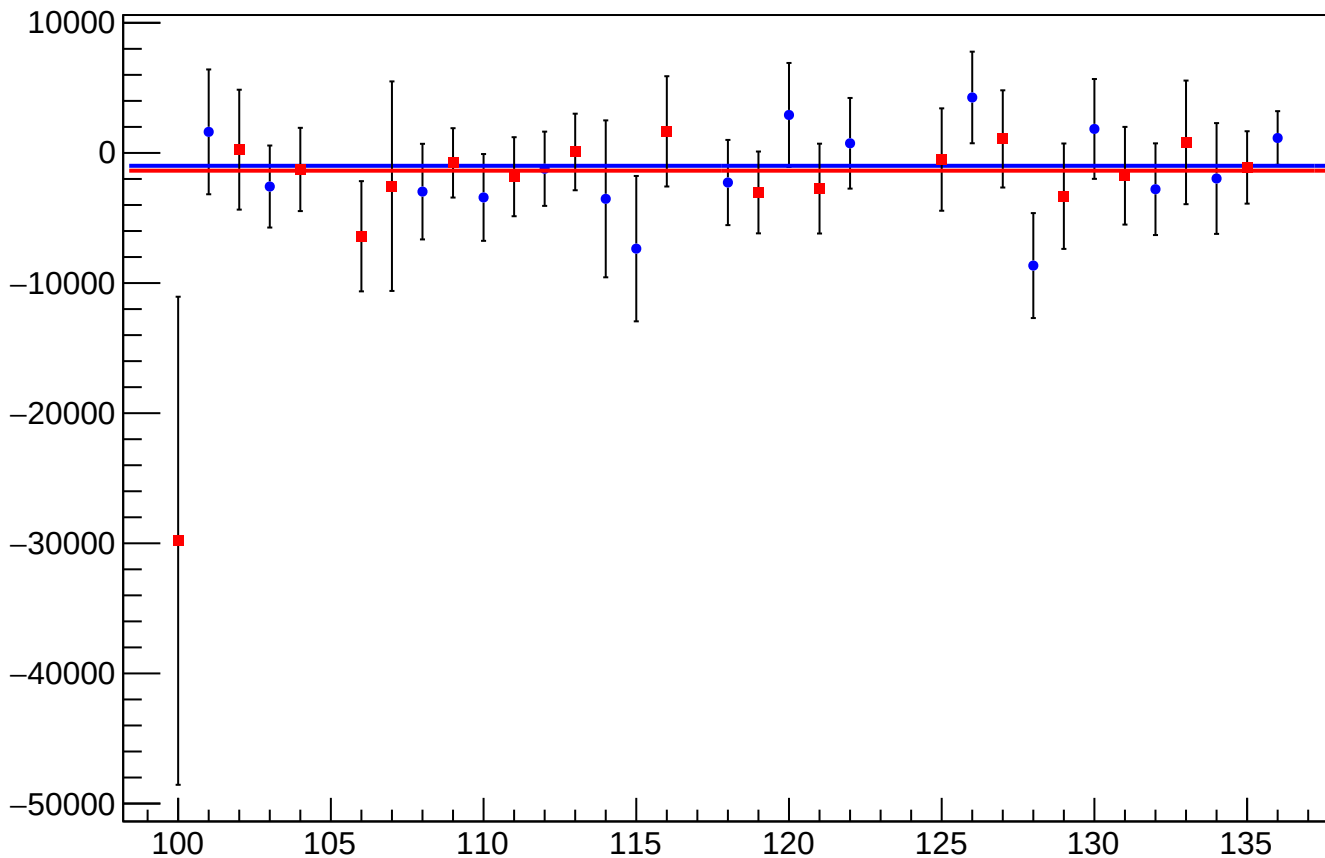
Right: 1029.823+/-0.213 χ^2/NDF : 5104436.9/32

In: 1109.365+/-0.315 χ^2/NDF : 1973324.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1029.823+/-0.213 χ^2/NDF : 5104436.9/32

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: -1362.889+/-888.762 χ^2/NDF : 6.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

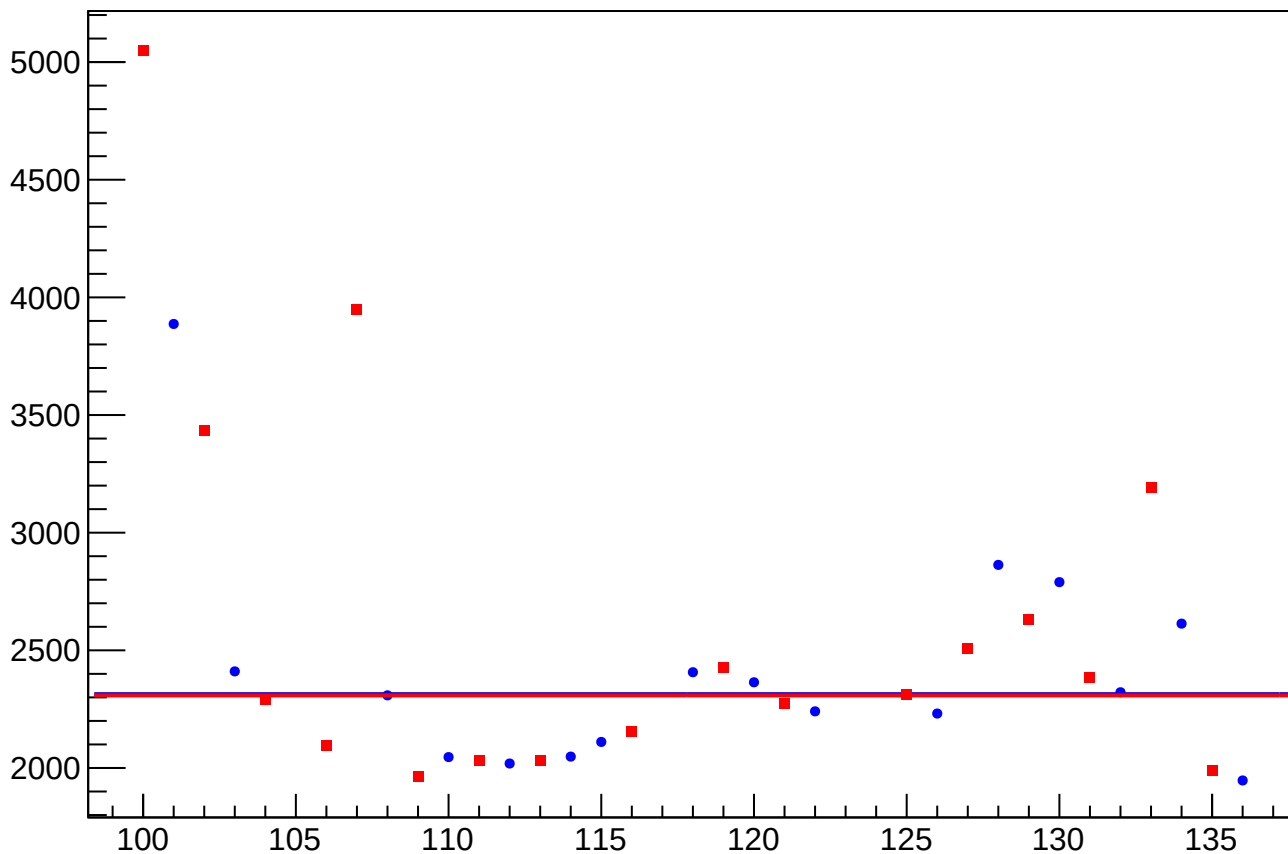
Right: -1172.033+/-623.107 χ^2/NDF : 18.1/32

In: -987.532+/-873.840 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1172.033+/-623.107 χ^2/NDF : 18.1/32

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: 2308.347+/-0.628 χ^2/NDF : 439109.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

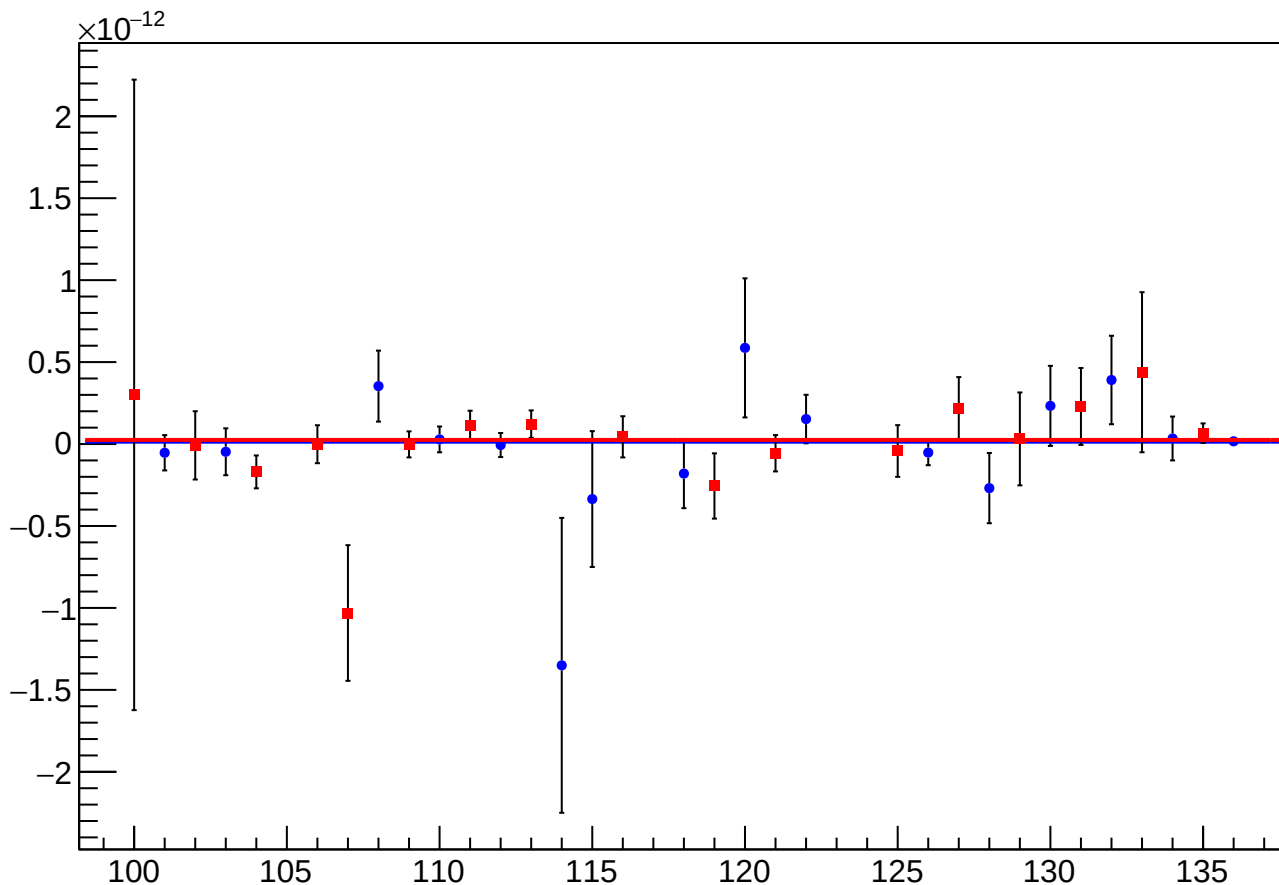
Right: 2311.089+/-0.441 χ^2/NDF : 841903.4/32

In: 2313.740+/-0.618 χ^2/NDF : 402756.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2311.089+/-0.441 χ^2/NDF : 841903.4/32

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 : 18.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

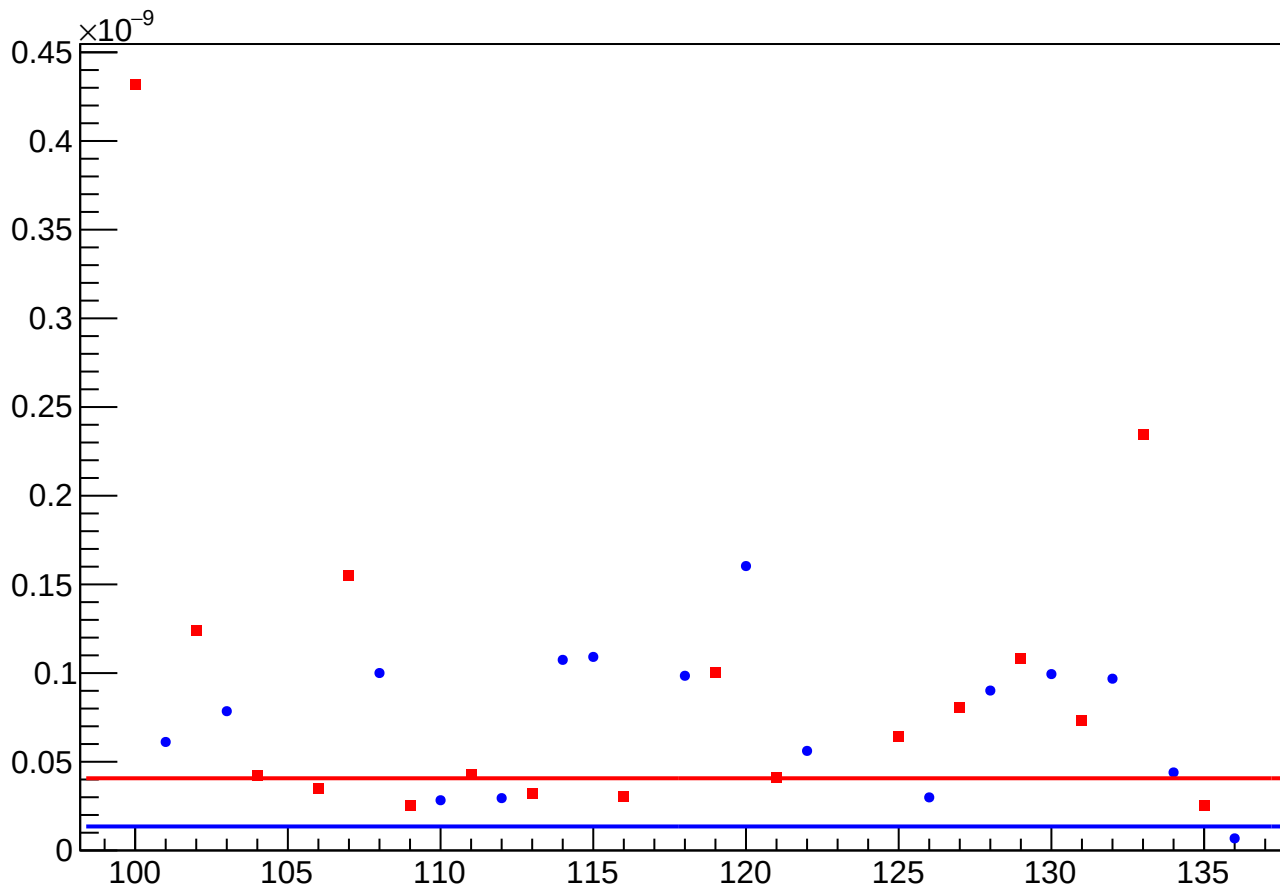
Right: 0.000+/-0.000 χ^2/NDF : 33.7/32

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 : 33.7/32

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 : 1575442.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

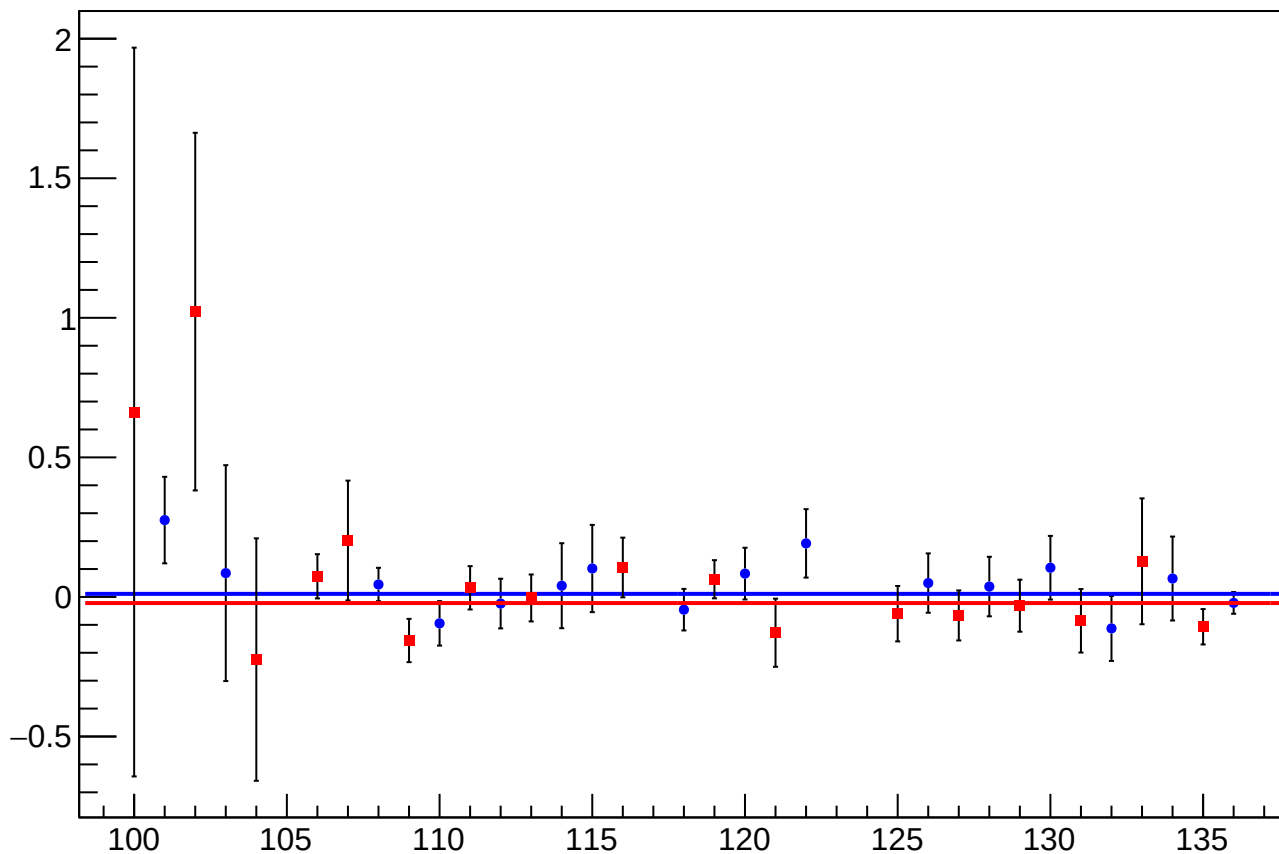
Right: 0.000+/-0.000 χ^2/NDF : 6412350.1/32

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 : 6412350.1/32

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: -0.022 $\pm$ 0.024 χ^2 /NDF: 15.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

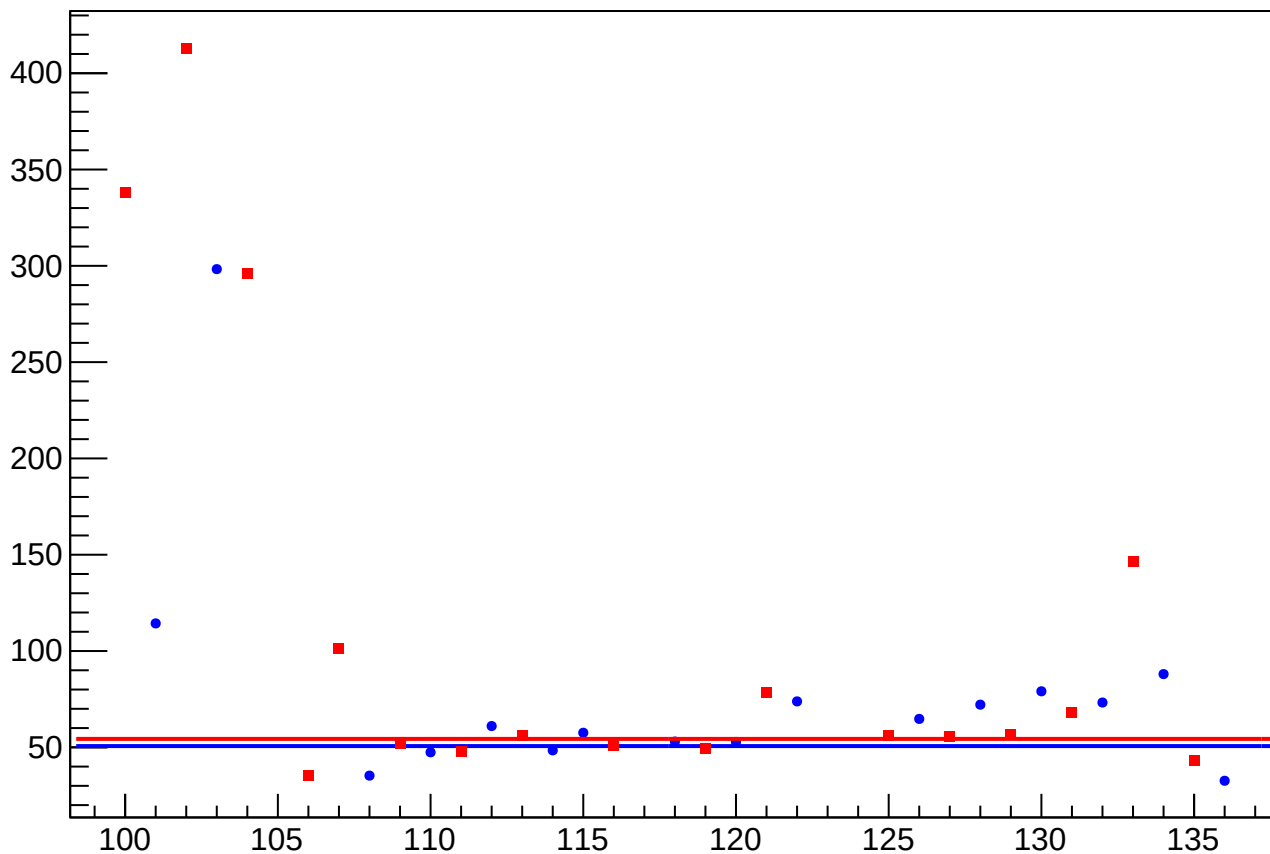
Right: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

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: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

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: 54.378+/-0.017 χ^2/NDF : 2088960.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

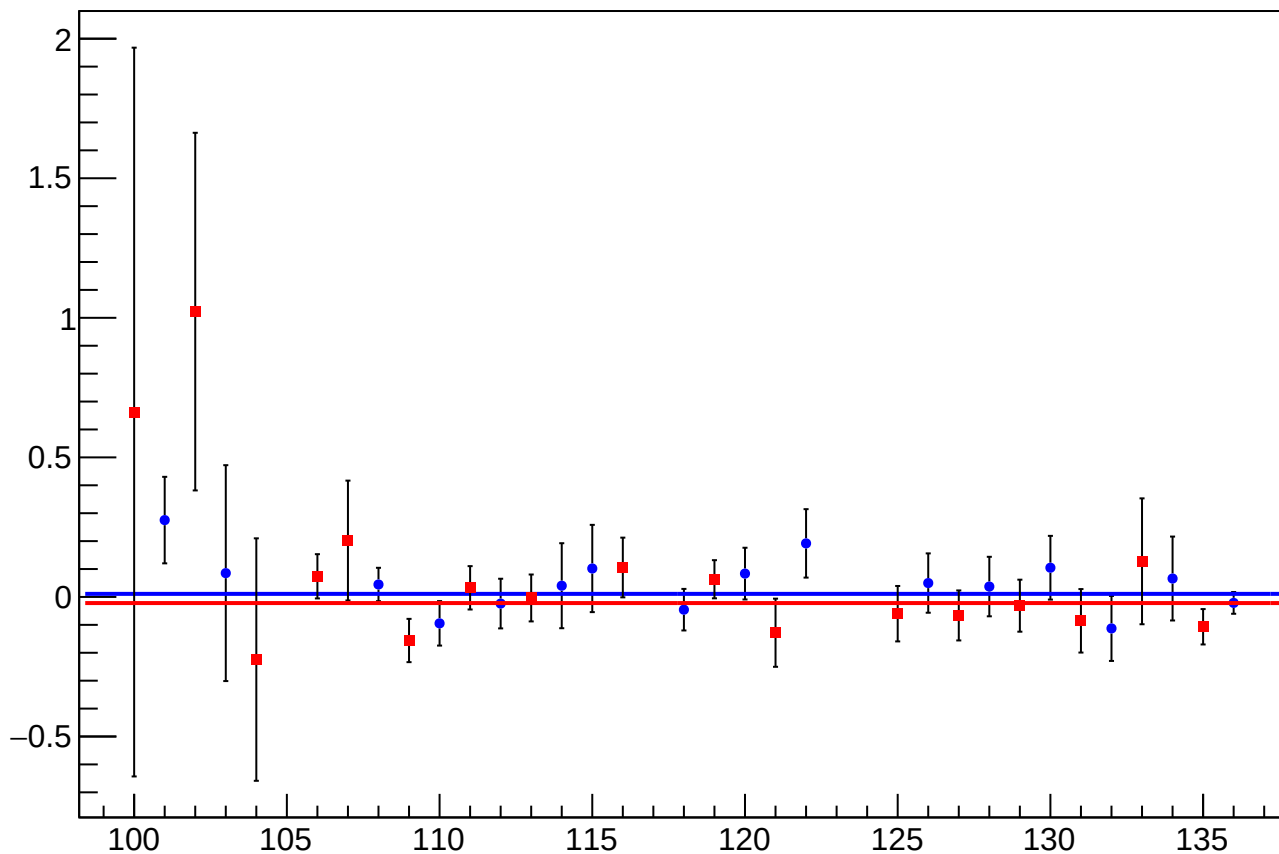
Right: 52.330+/-0.011 χ^2/NDF : 4381695.0/32

In: 50.645+/-0.015 χ^2/NDF :2266445.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 52.330+/-0.011 χ^2/NDF : 4381695.0/32

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: -0.022 $\pm$ 0.024 χ^2 /NDF: 15.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

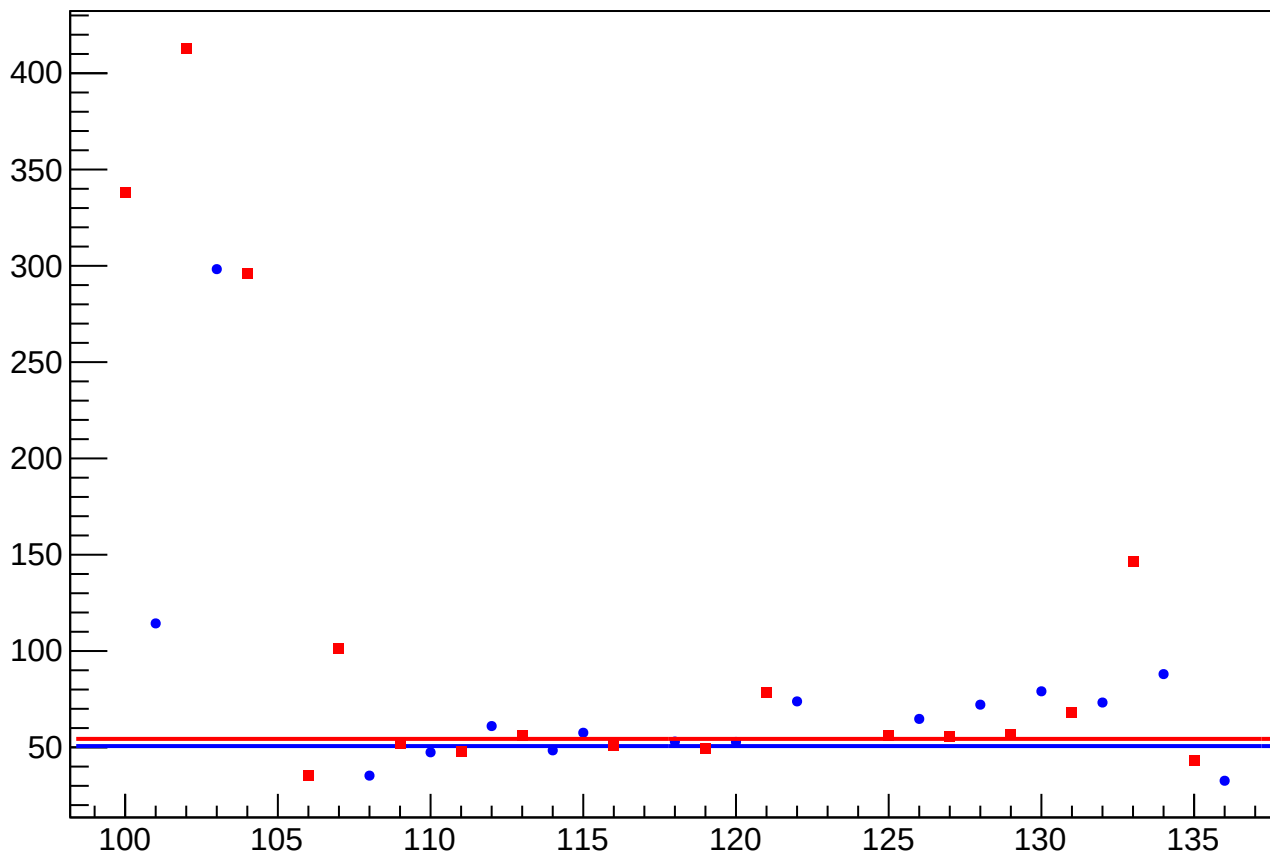
Right: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

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: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

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: 54.378+/-0.017 χ^2/NDF : 2088960.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

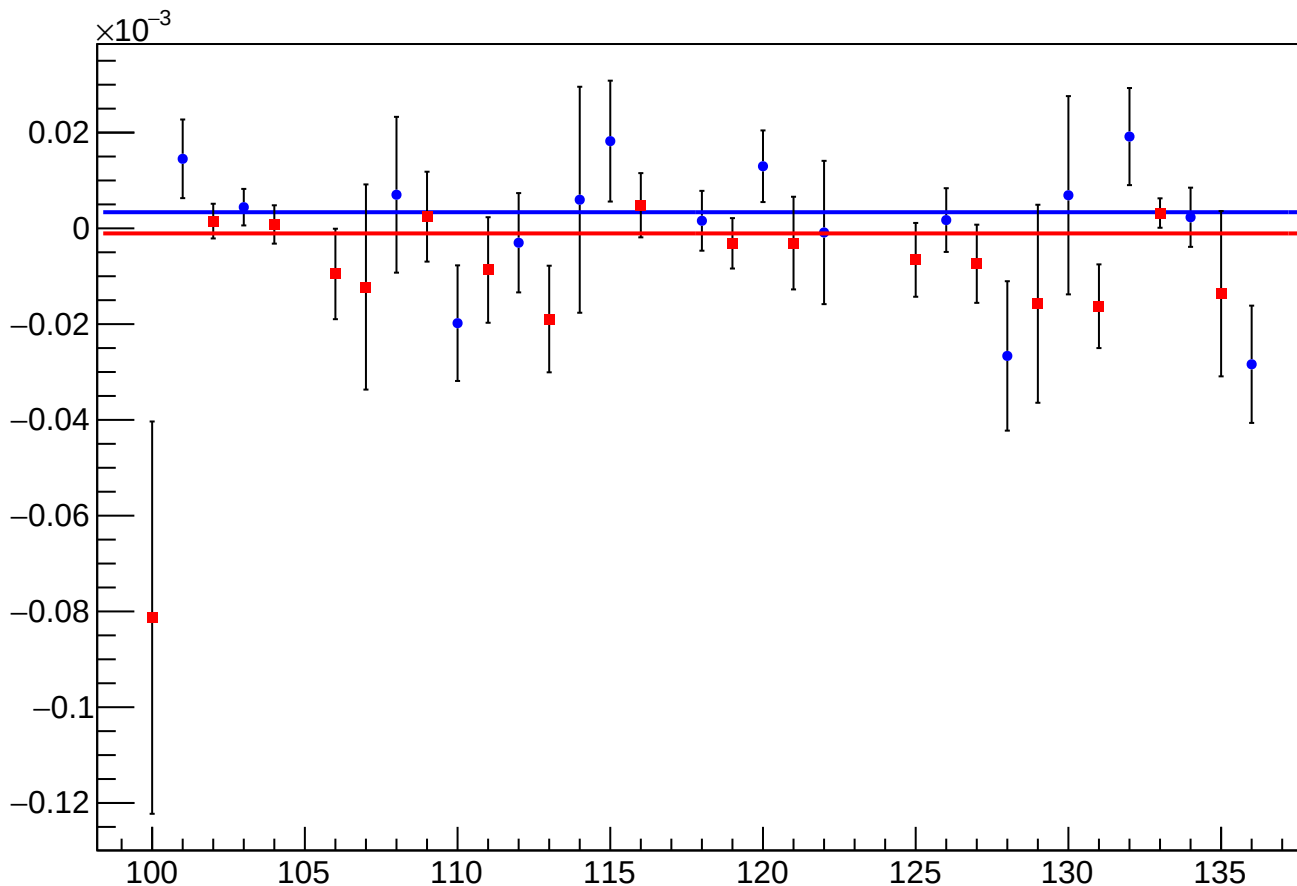
Right: 52.330+/-0.011 χ^2/NDF : 4381695.0/32

In: 50.645+/-0.015 χ^2/NDF : 2266445.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.330+/-0.011 χ^2/NDF : 4381695.0/32

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 : 16.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

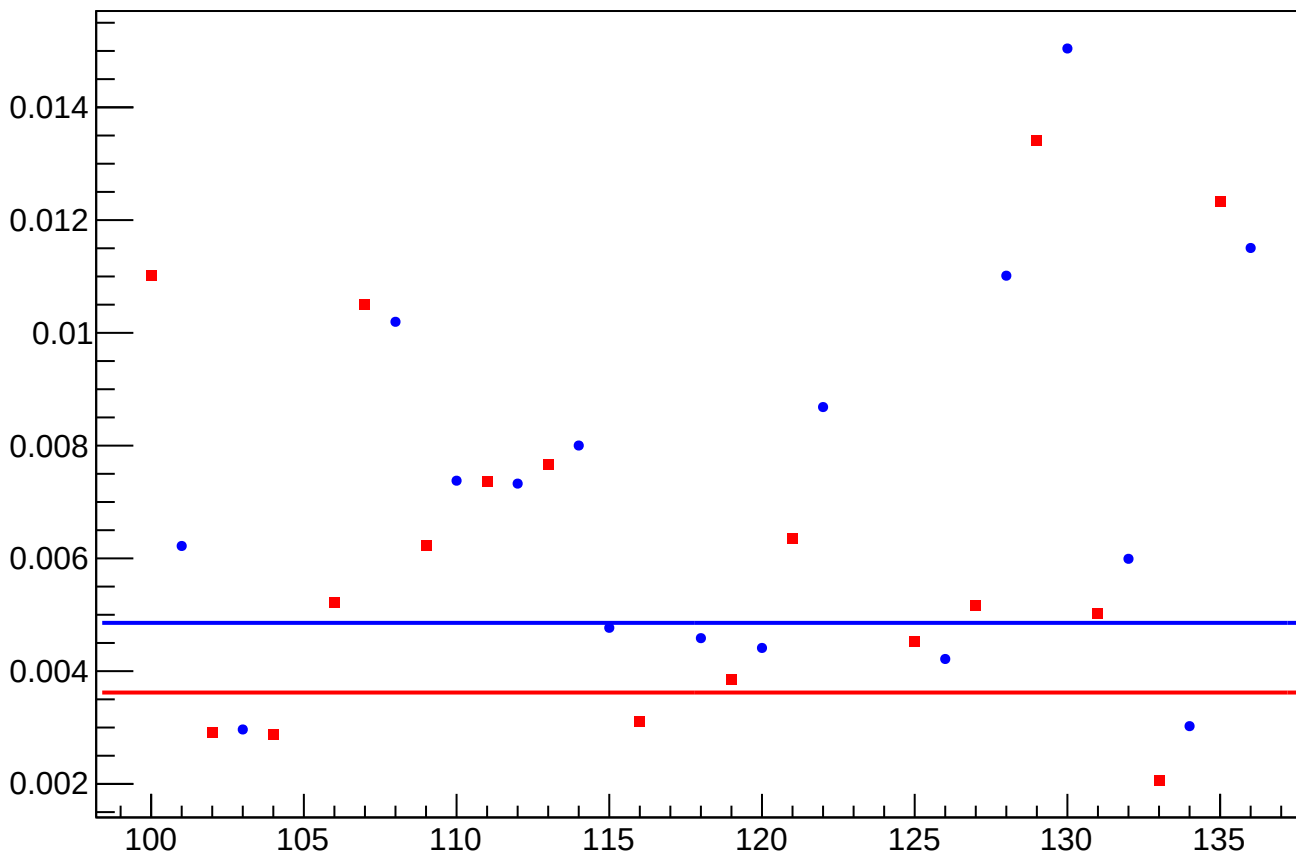
Right: 0.000+/-0.000 χ^2/NDF : 42.0/32

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 : 42.0/32

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 : 2922672.8/16

Left 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 : 6117547.3/32

In: 0.005+/-0.000

χ^2/NDF : 2745089.6/15

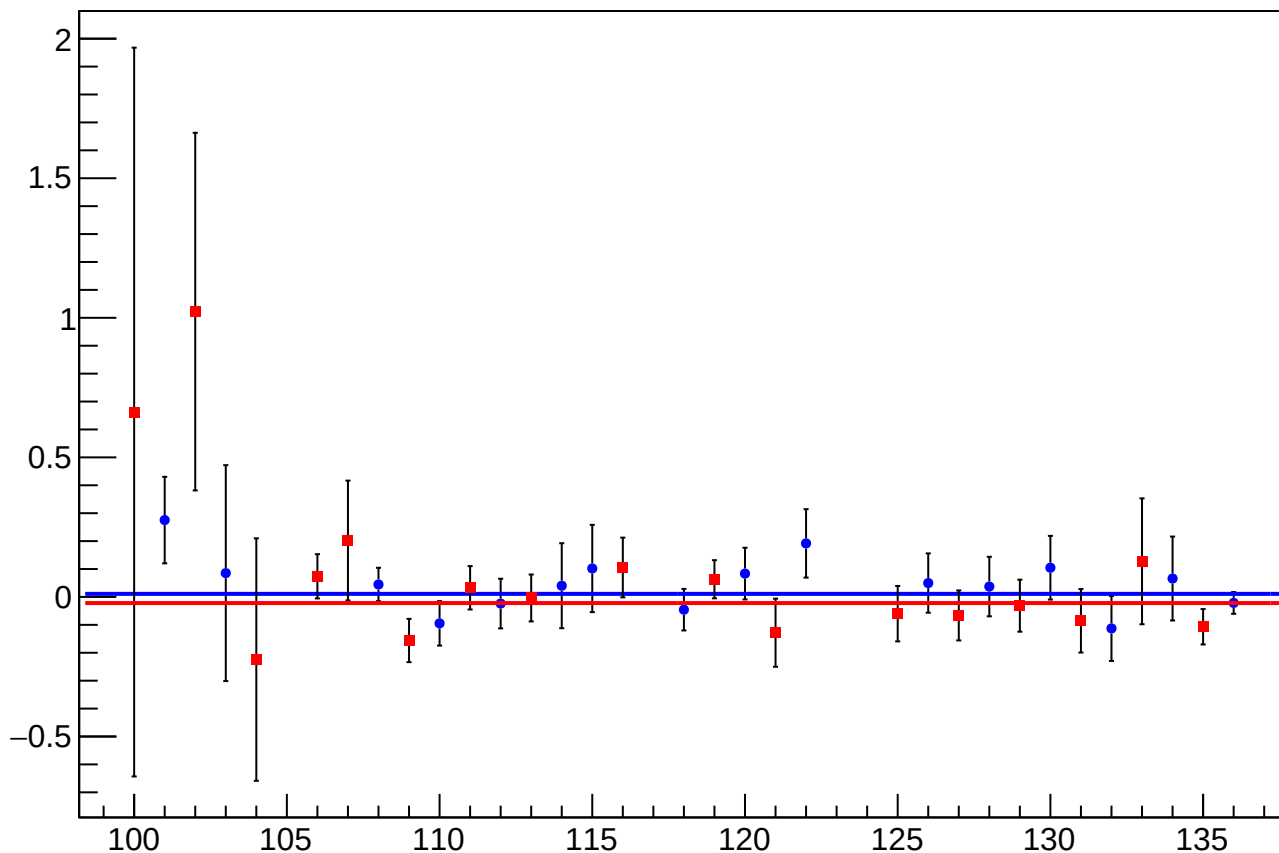
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 6117547.3/32

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: -0.022 $\pm$ 0.024 χ^2 /NDF: 15.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

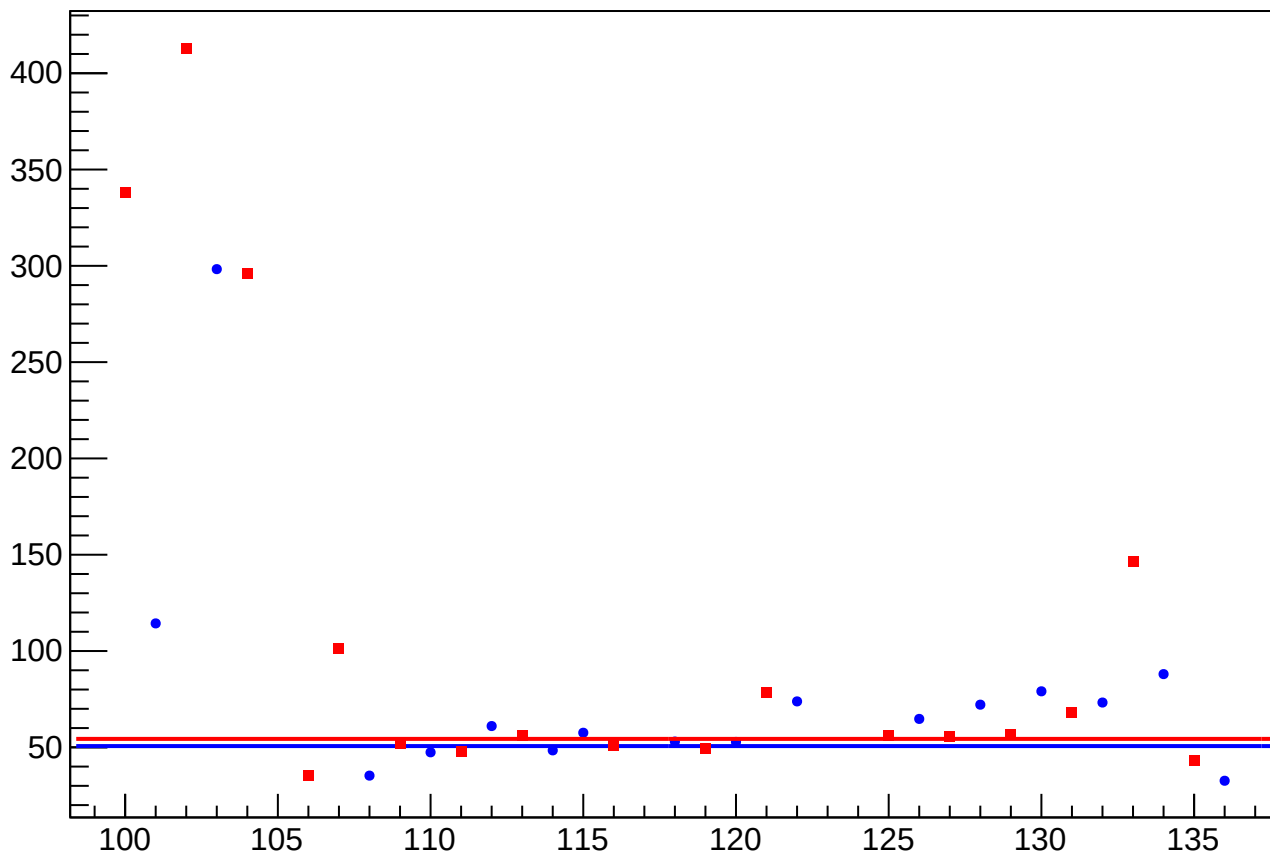
Right: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

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: -0.004 $\pm$ 0.016 χ^2 /NDF: 28.7/32

asym_us_dd_atlr_dd_avg_eigen_dit_vs_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: 54.378+/-0.017 χ^2/NDF : 2088924.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

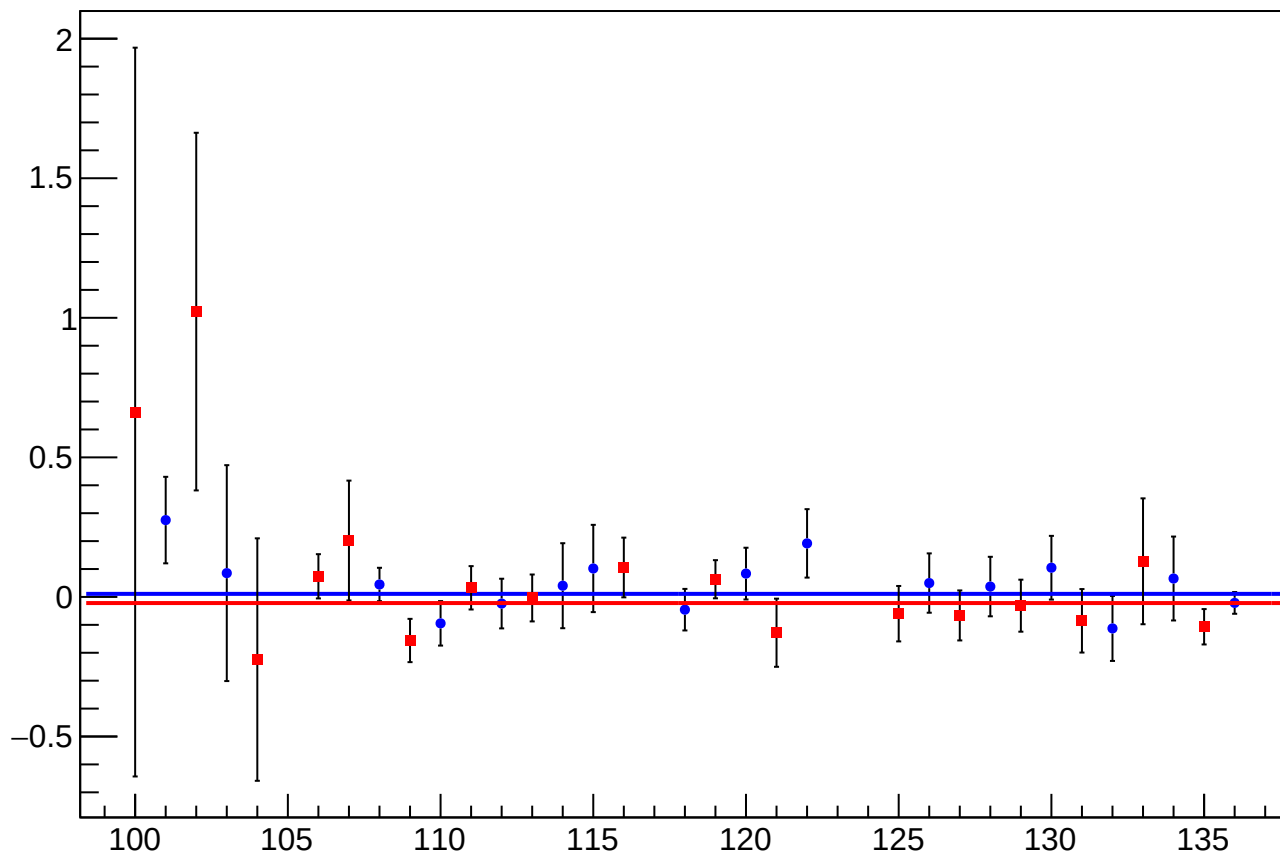
Right: 52.330+/-0.011 χ^2/NDF : 4381556.2/32

In: 50.646+/-0.015 χ^2/NDF : 2266348.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.330+/-0.011 χ^2/NDF : 4381556.2/32

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.011+/-0.022 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.024 χ^2/NDF : 15.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

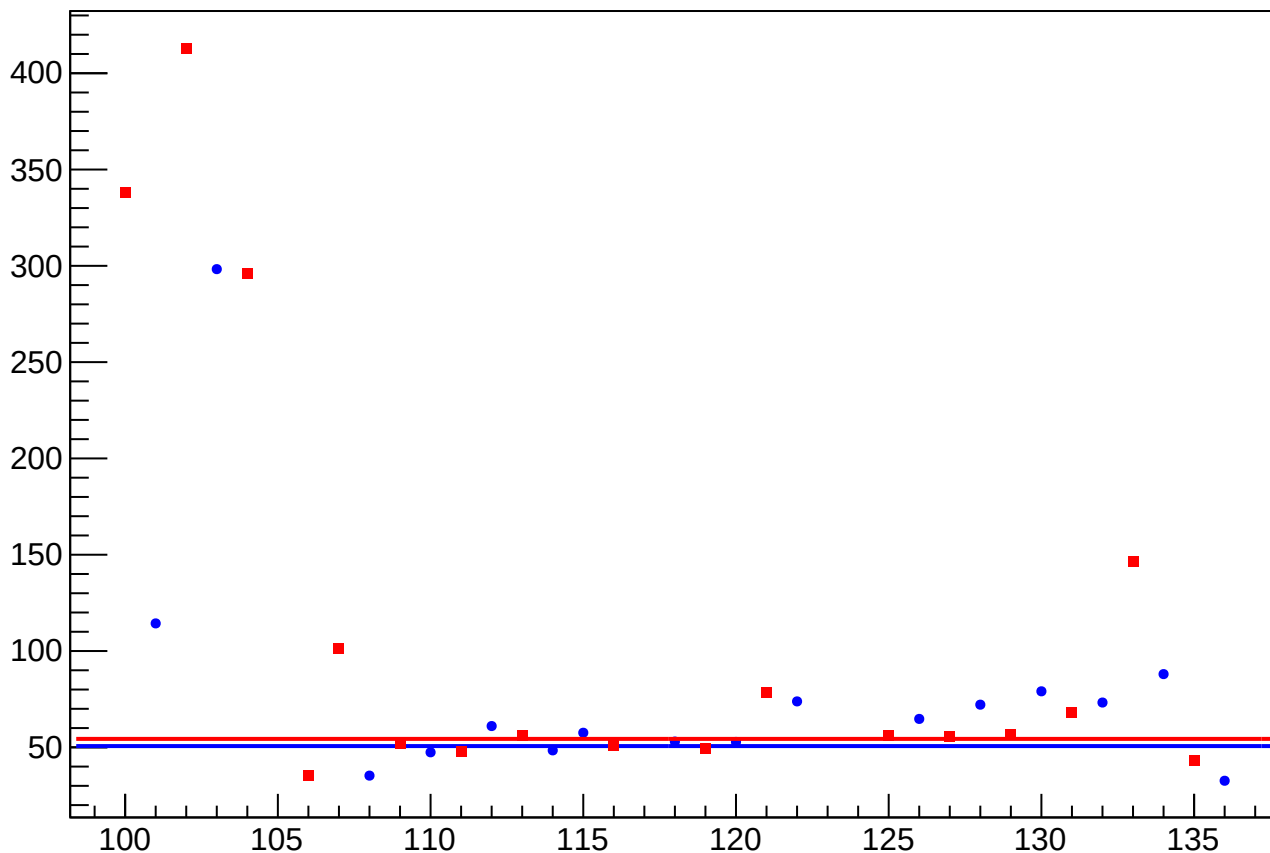
Right: -0.004+/-0.016 χ^2/NDF : 28.7/32

In: 0.011+/-0.022 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.004+/-0.016 χ^2/NDF : 28.7/32

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: 54.378+/-0.017 χ^2/NDF : 2088924.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

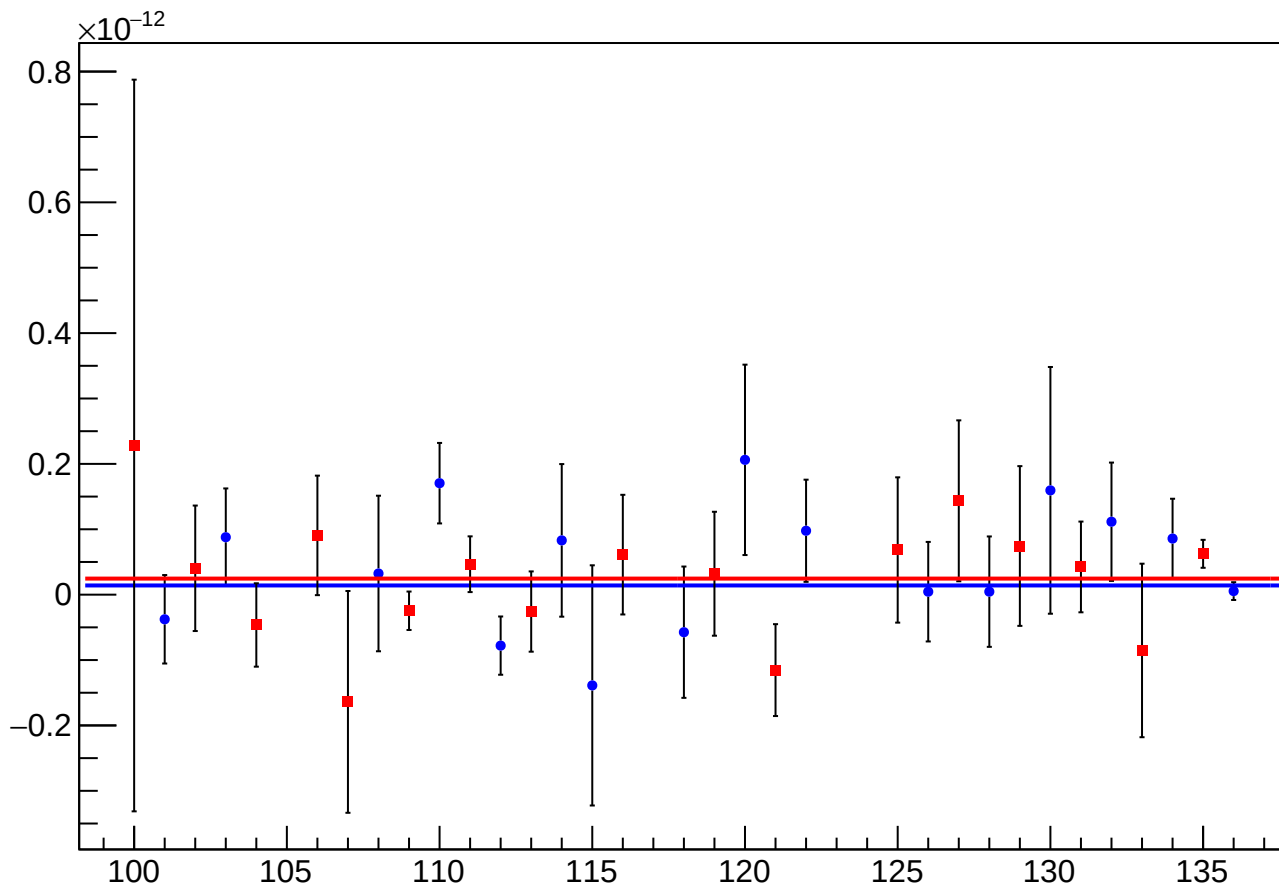
Right: 52.330+/-0.011 χ^2/NDF : 4381556.2/32

In: 50.646+/-0.015 χ^2/NDF : 2266348.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.330+/-0.011 χ^2/NDF : 4381556.2/32

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 : 16.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

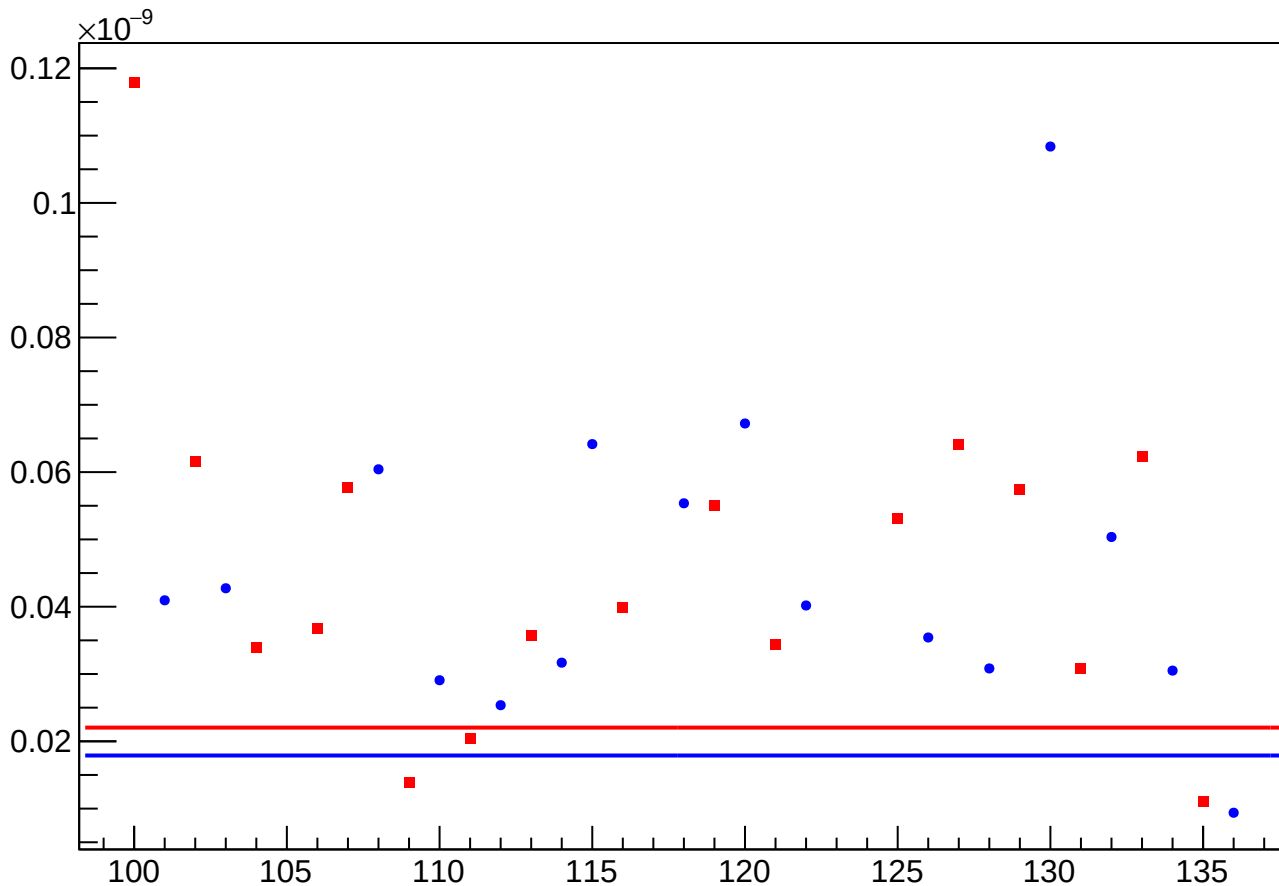
Right: 0.000+/-0.000 χ^2/NDF : 36.9/32

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 : 36.9/32

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 : 2544815.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

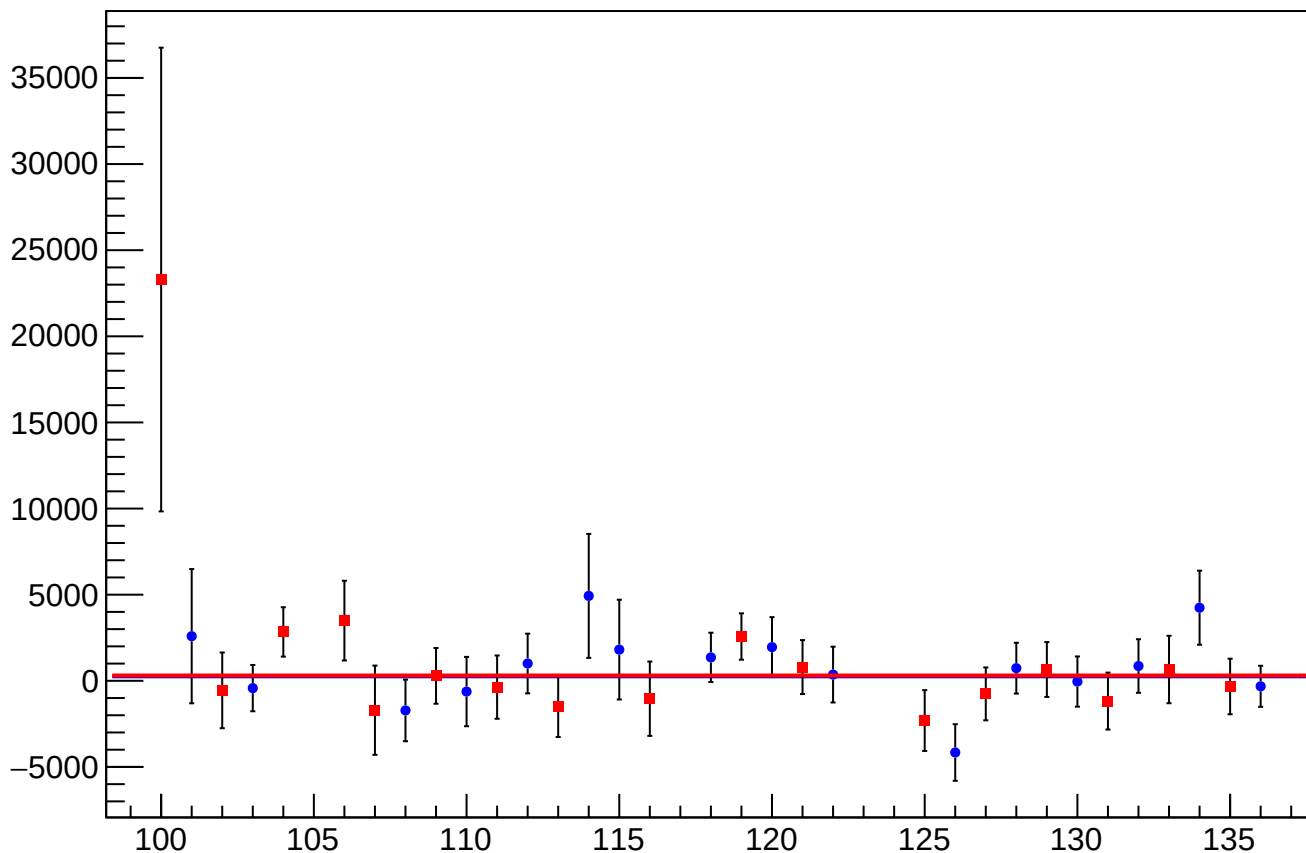
Right: 0.000+/-0.000 χ^2/NDF : 6055238.6/32

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 : 6055238.6/32

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: 307.678 $\pm$ 432.110 χ^2 /NDF: 16.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

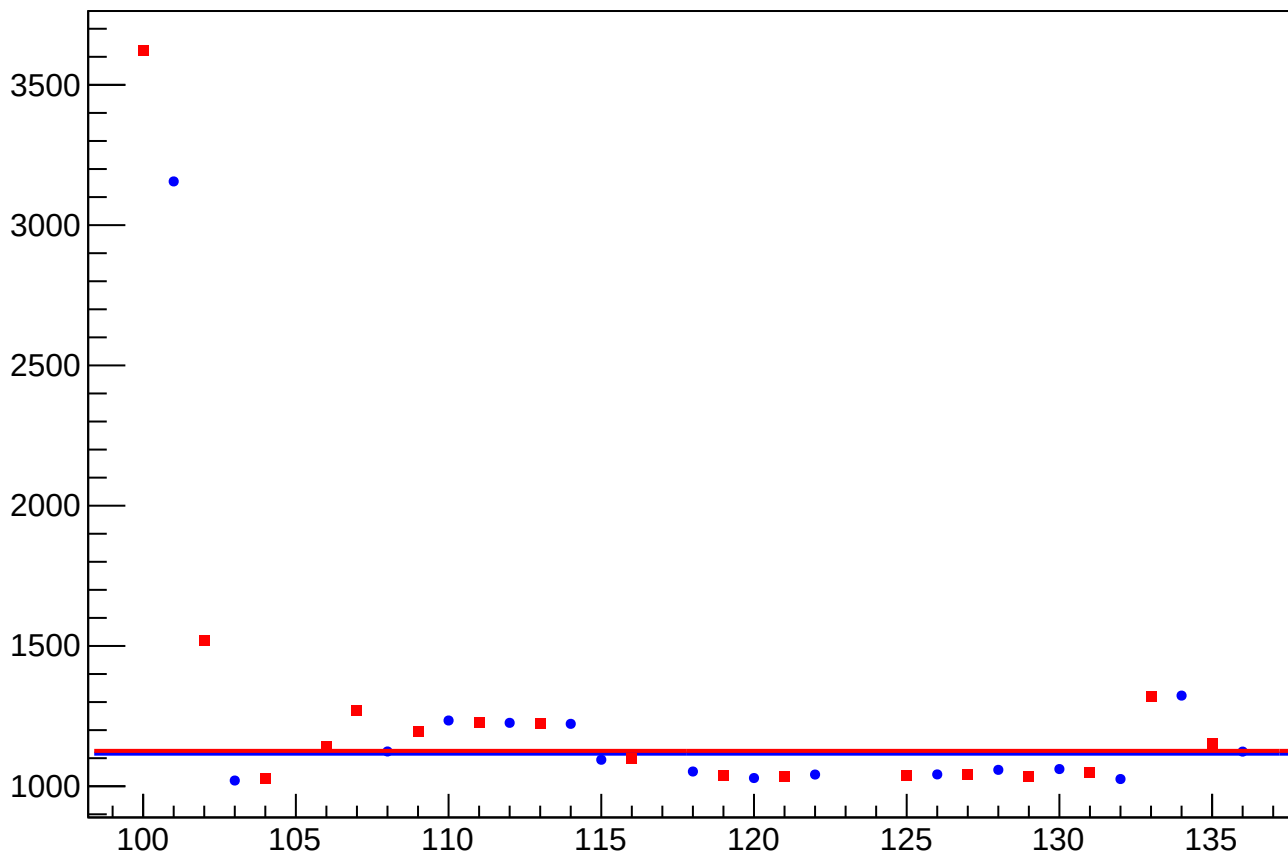
Right: 283.830 $\pm$ 302.878 χ^2 /NDF: 33.8/32

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: 283.830 $\pm$ 302.878 χ^2 /NDF: 33.8/32

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: 1126.070+/-0.306 χ^2/NDF : 222104.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

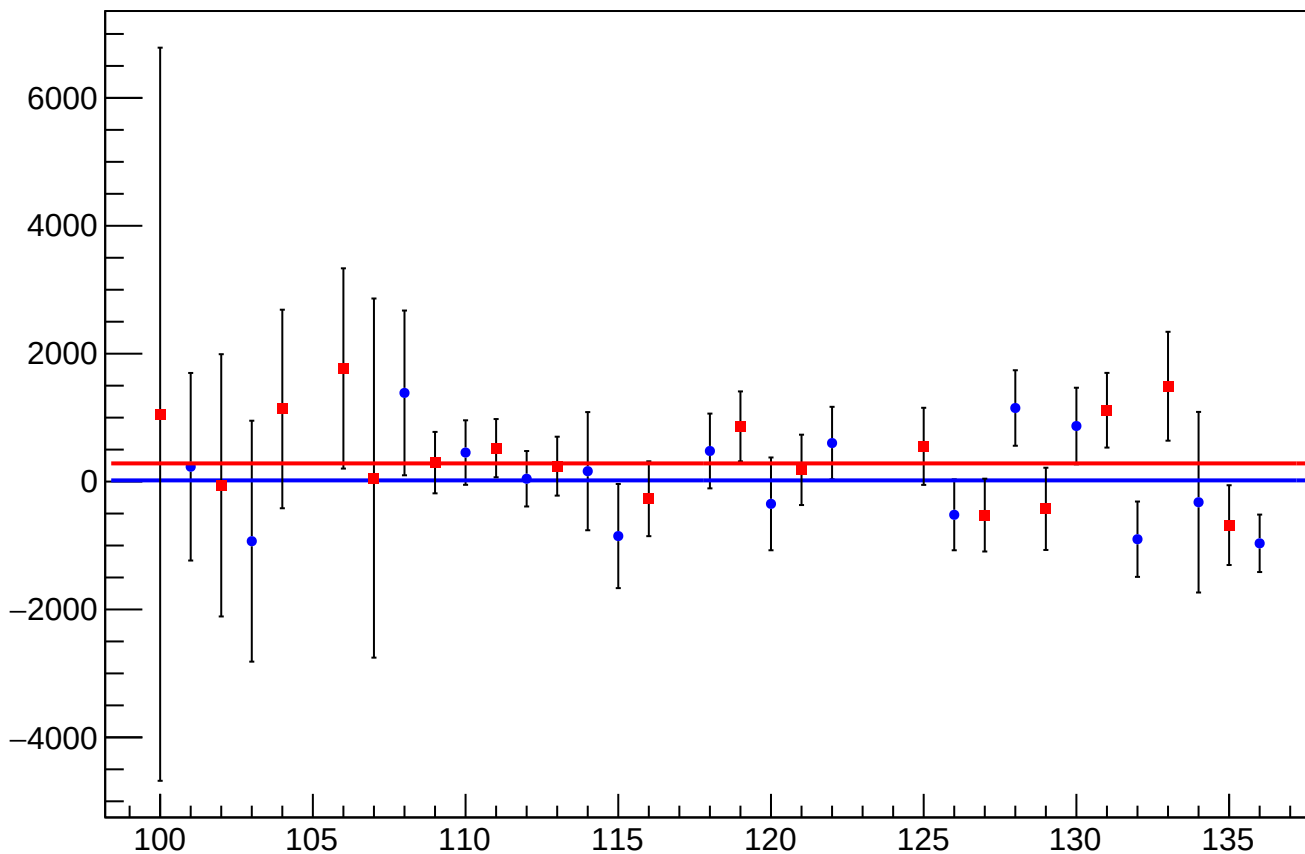
Right: 1120.993+/-0.214 χ^2/NDF : 846038.5/32

In: 1116.089+/-0.300 χ^2/NDF : 623390.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1120.993+/-0.214 χ^2/NDF : 846038.5/32

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: 284.126+/-158.524 χ^2/NDF : 13.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

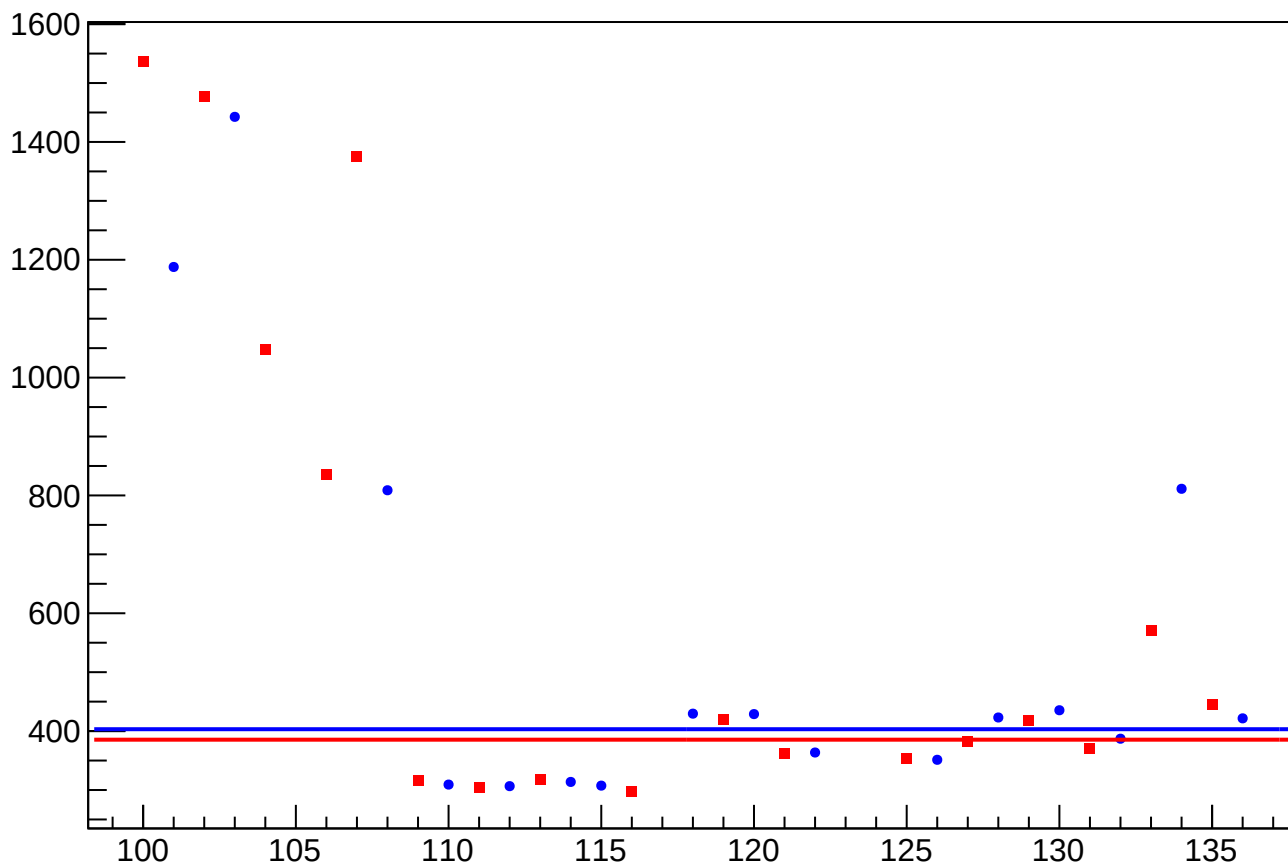
Right: 153.551+/-113.040 χ^2/NDF : 34.0/32

In: 18.468+/-161.237 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.551+/-113.040 χ^2/NDF : 34.0/32

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: 385.410+/-0.112 χ^2/NDF : 1757638.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

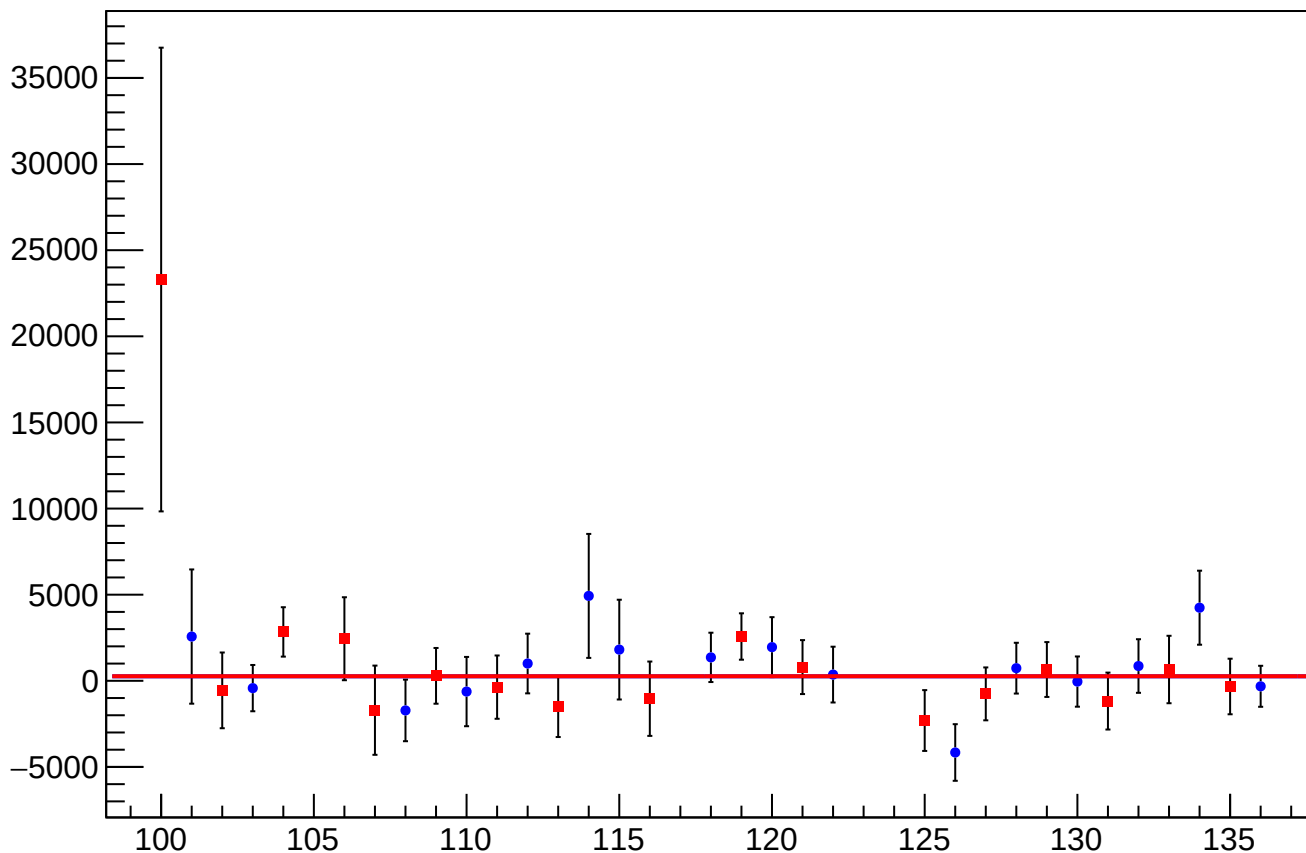
Right: 394.151+/-0.080 χ^2/NDF : 3578443.2/32

In: 403.194+/-0.114 χ^2/NDF : 1808432.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 394.151+/-0.080 χ^2/NDF : 3578443.2/32

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: 265.137+/-432.692 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

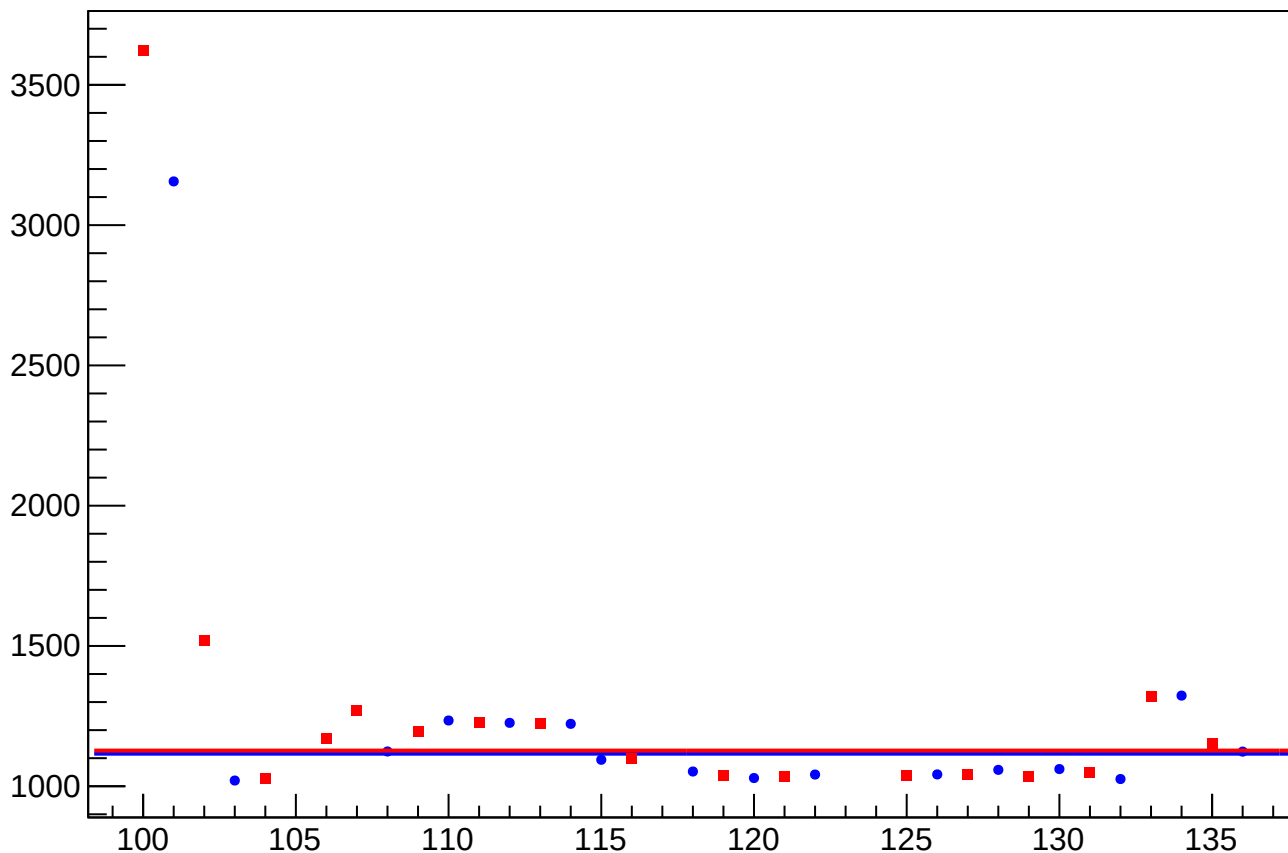
Right: 262.731+/-303.079 χ^2/NDF : 32.7/32

In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.731+/-303.079 χ^2/NDF : 32.7/32

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: 1127.043+/-0.306 χ^2/NDF : 222737.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

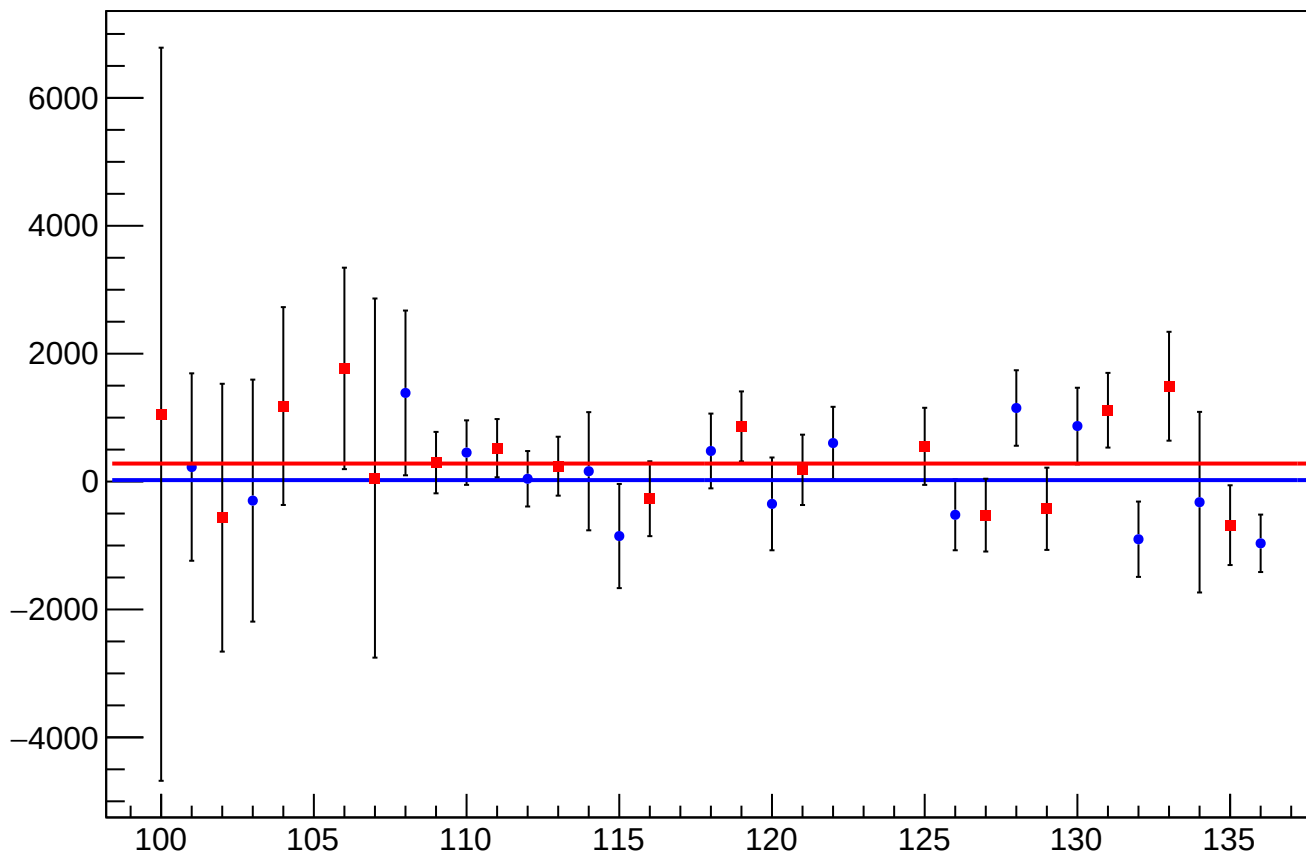
Right: 1121.464+/-0.214 χ^2/NDF : 846782.5/32

In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.464+/-0.214 χ^2/NDF : 846782.5/32

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: 281.714+/-158.548 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

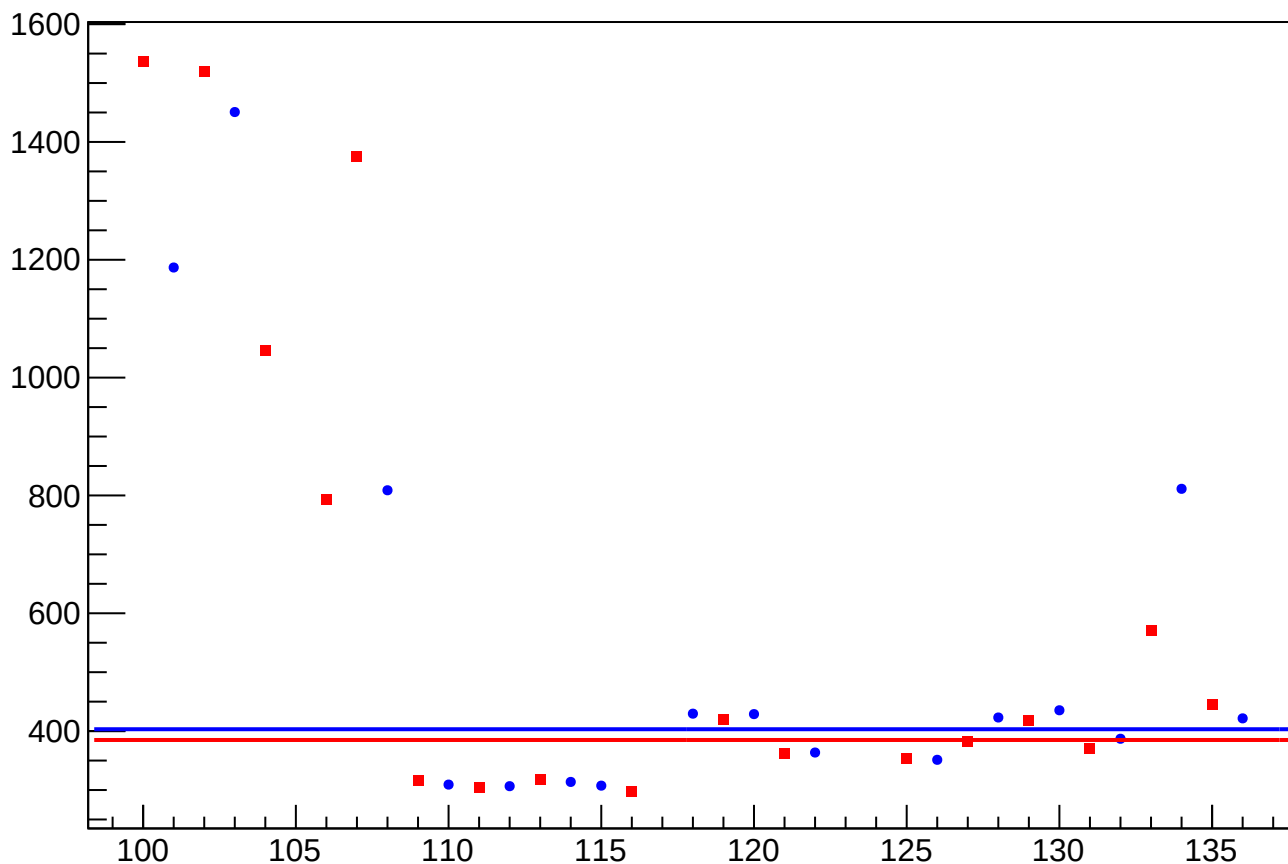
Right: 154.495+/-113.050 χ^2/NDF : 33.9/32

In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.495+/-113.050 χ^2/NDF : 33.9/32

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: 384.931+/-0.112 χ^2/NDF : 1745619.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

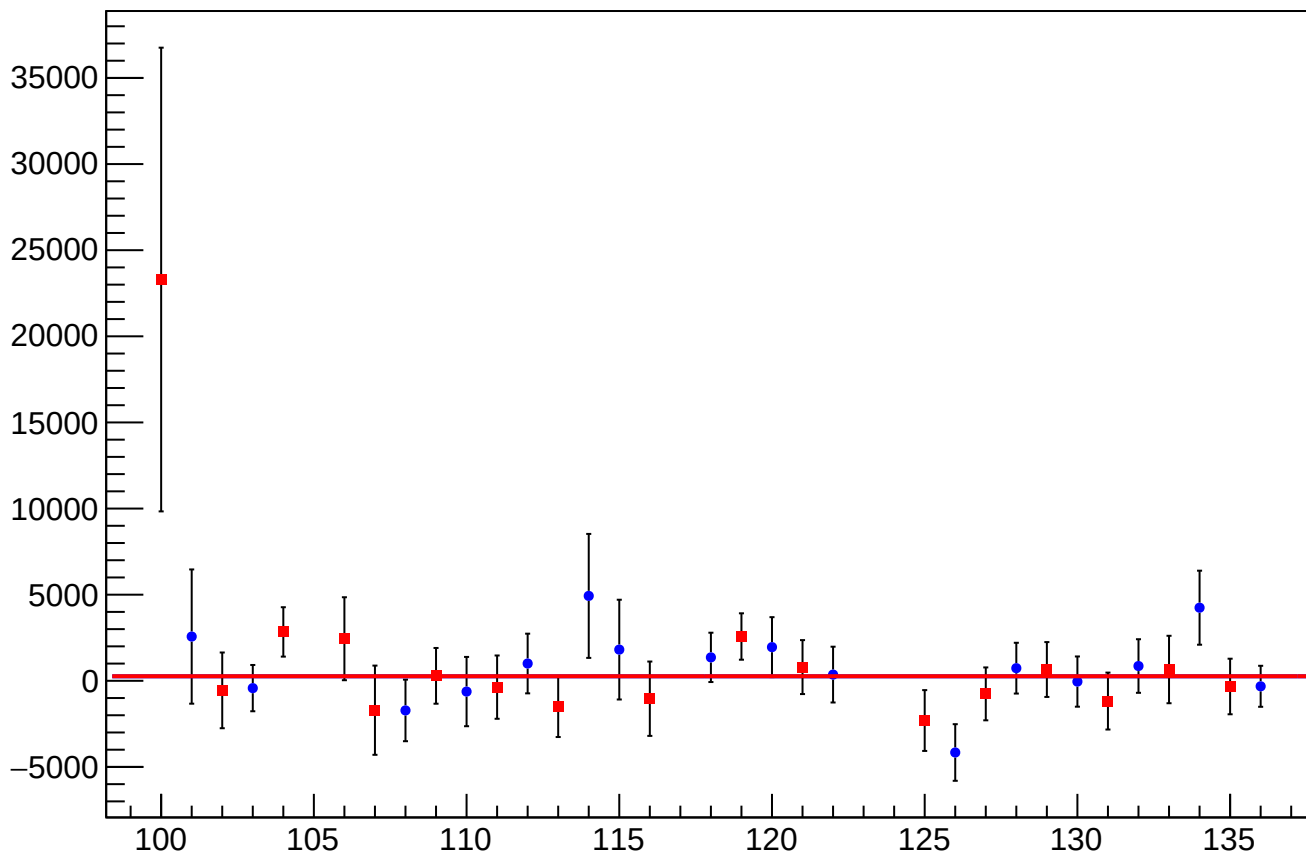
Right: 393.903+/-0.080 χ^2/NDF : 3570759.3/32

In: 403.182+/-0.114 χ^2/NDF : 1812111.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.903+/-0.080 χ^2/NDF : 3570759.3/32

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: 265.137+/-432.692 χ^2/NDF : 15.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

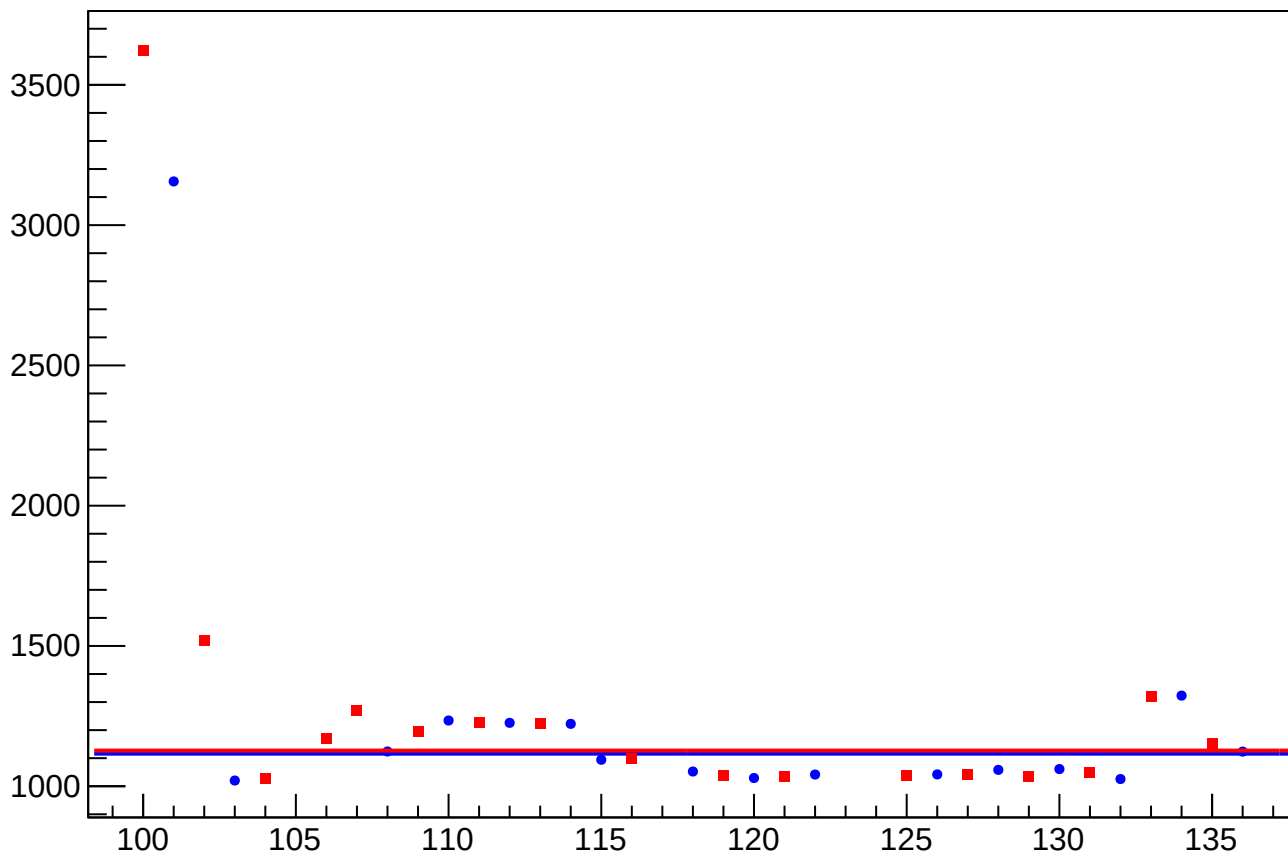
Right: 262.731+/-303.079 χ^2/NDF : 32.7/32

In: 260.415+/-424.657 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 262.731+/-303.079 χ^2/NDF : 32.7/32

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: 1127.043+/-0.306 χ^2/NDF : 222737.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

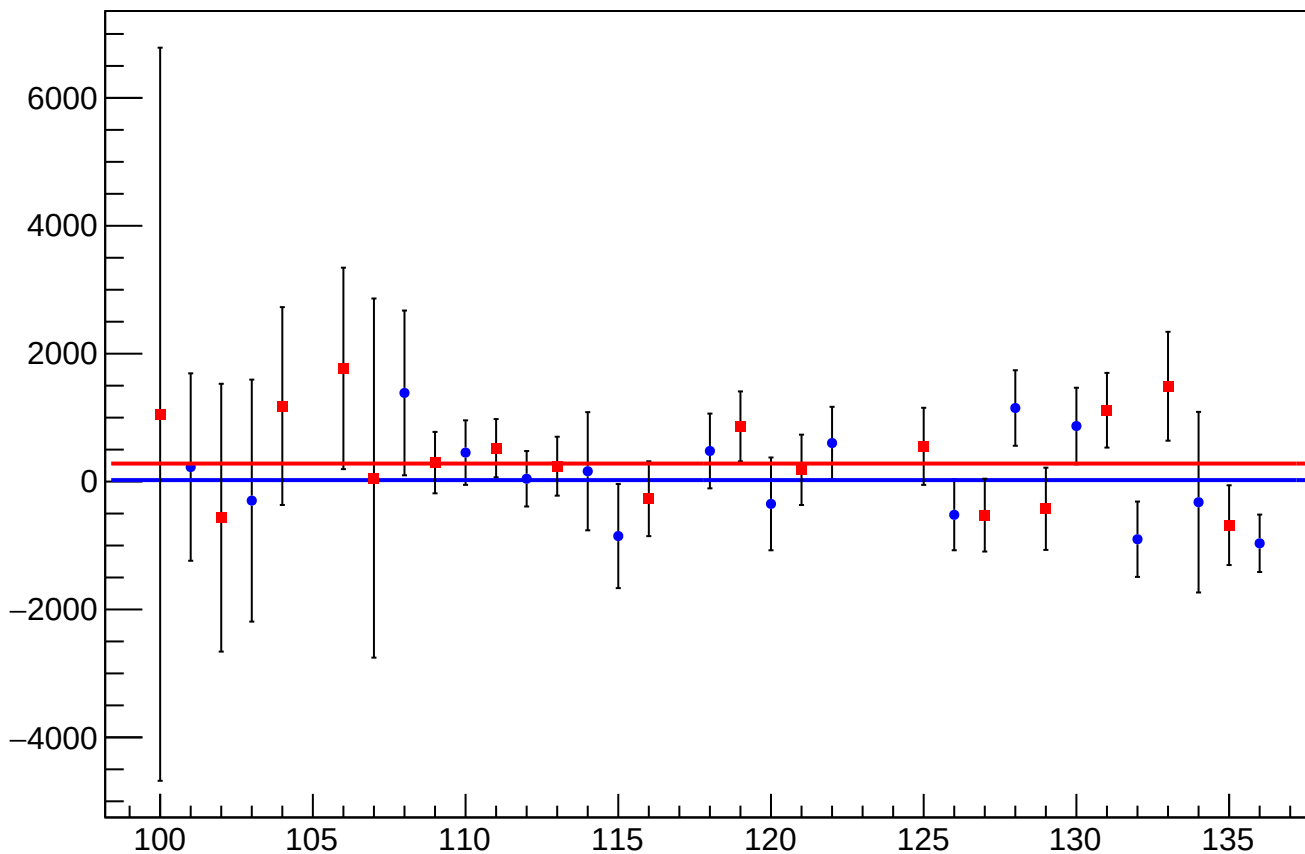
Right: 1121.464+/-0.214 χ^2/NDF : 846782.5/32

In: 1116.089+/-0.300 χ^2/NDF : 623391.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.464+/-0.214 χ^2/NDF : 846782.5/32

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: 281.714+/-158.548 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

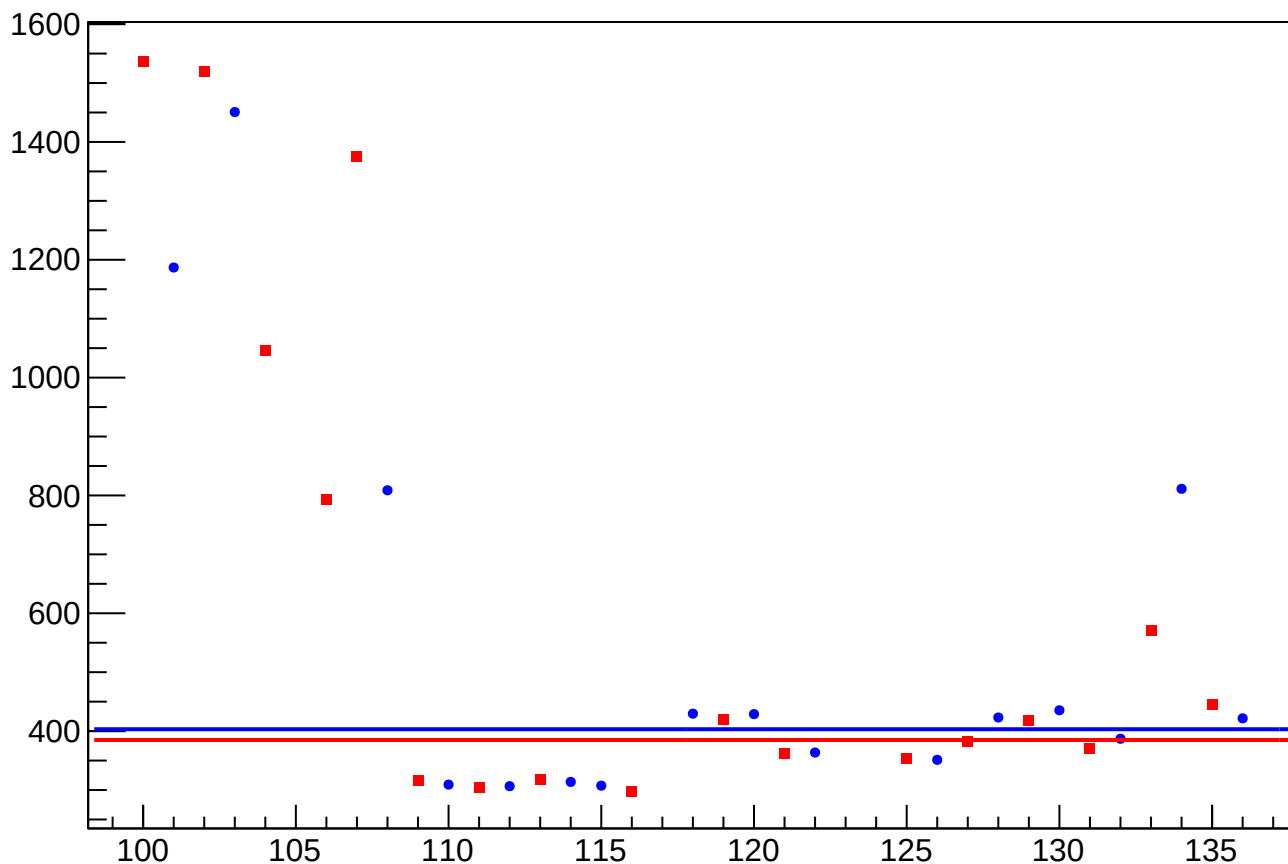
Right: 154.495+/-113.050 χ^2/NDF : 33.9/32

In: 22.923+/-161.238 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.495+/-113.050 χ^2/NDF : 33.9/32

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: 384.931+/-0.112 χ^2/NDF : 1745619.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

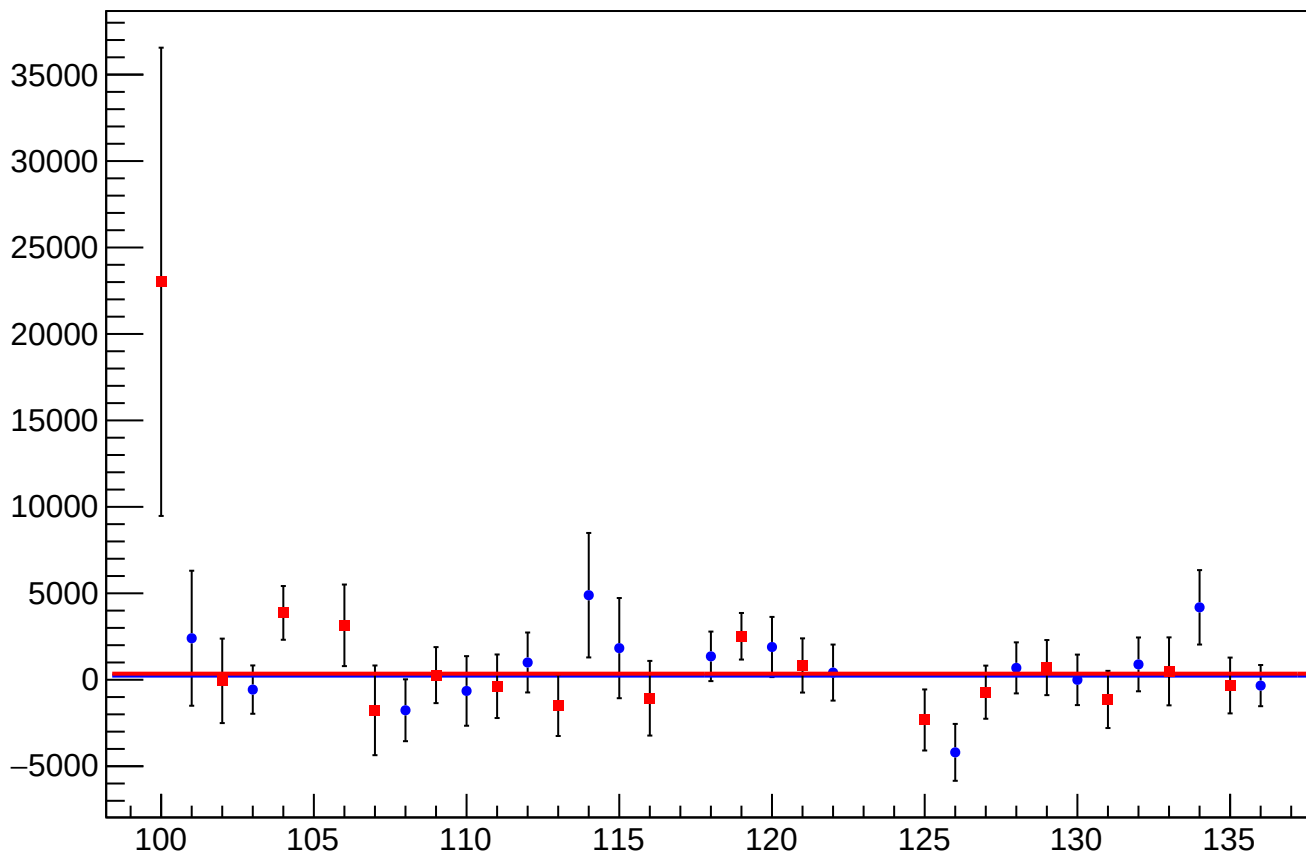
Right: 393.903+/-0.080 χ^2/NDF : 3570759.3/32

In: 403.182+/-0.114 χ^2/NDF : 1812111.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 393.903+/-0.080 χ^2/NDF : 3570759.3/32

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: 352.726+/-437.307 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

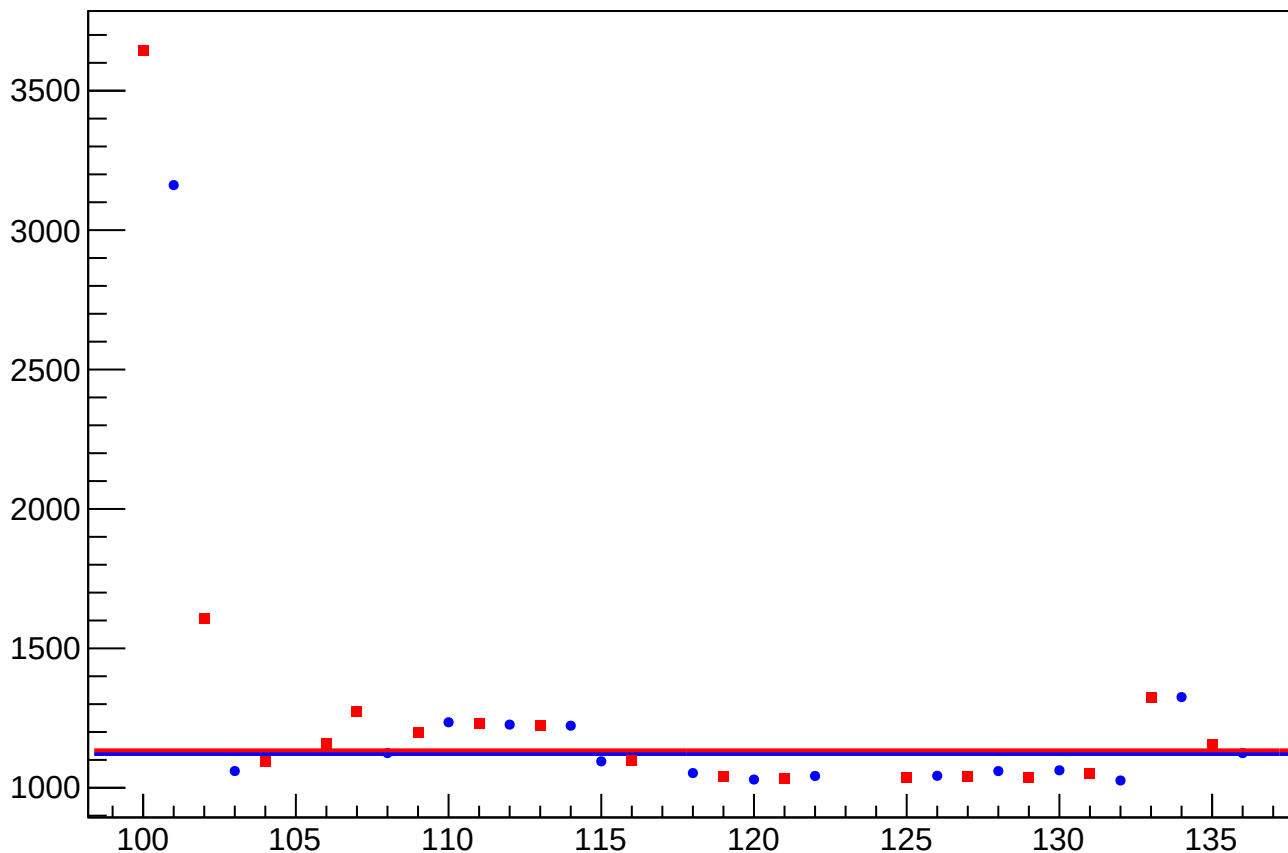
Right: 295.389+/-305.364 χ^2/NDF : 35.2/32

In: 240.827+/-426.592 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.389+/-305.364 χ^2/NDF : 35.2/32

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: 1134.194+/-0.309 χ^2/NDF : 227432.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

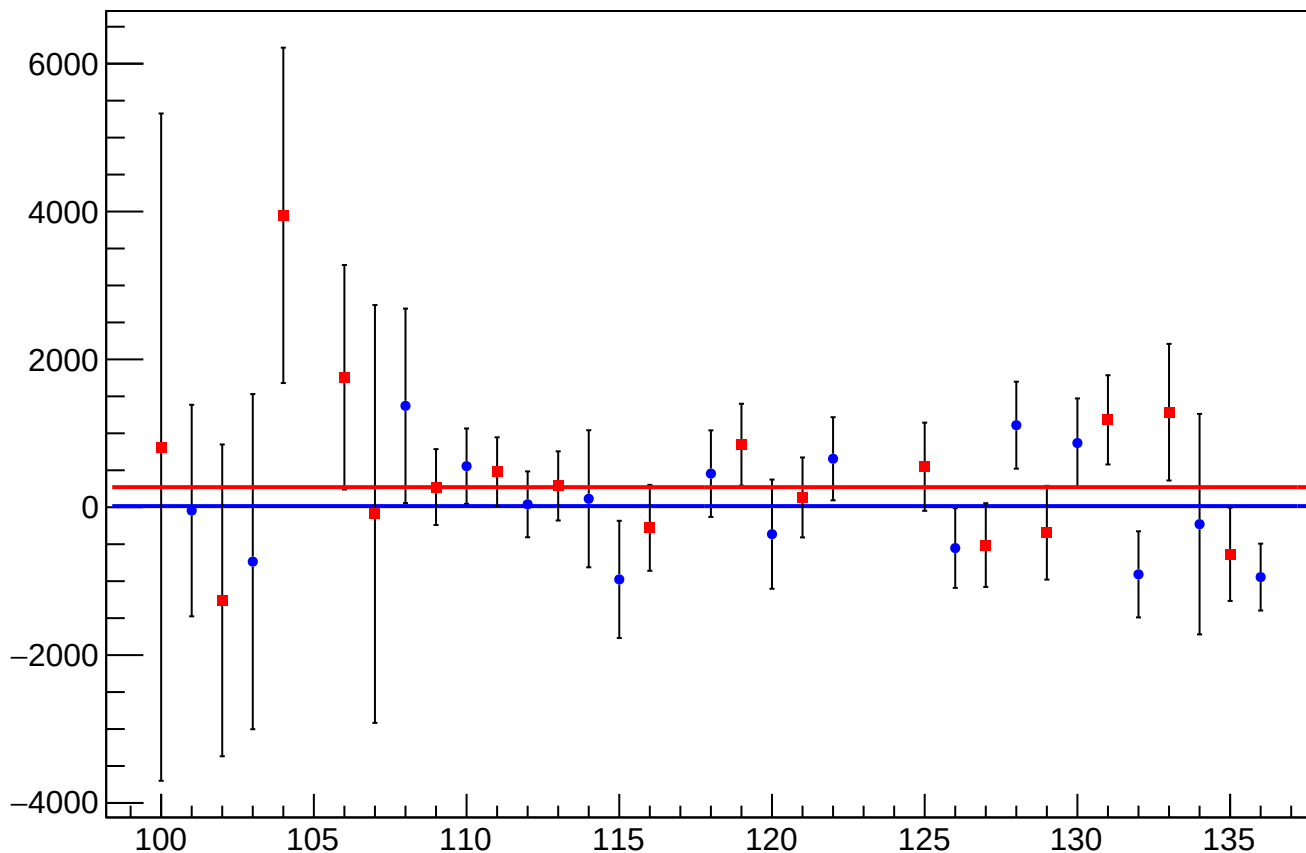
Right: 1127.584+/-0.216 χ^2/NDF : 845352.5/32

In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.584+/-0.216 χ^2/NDF : 845352.5/32

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: 271.837+/-161.206 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

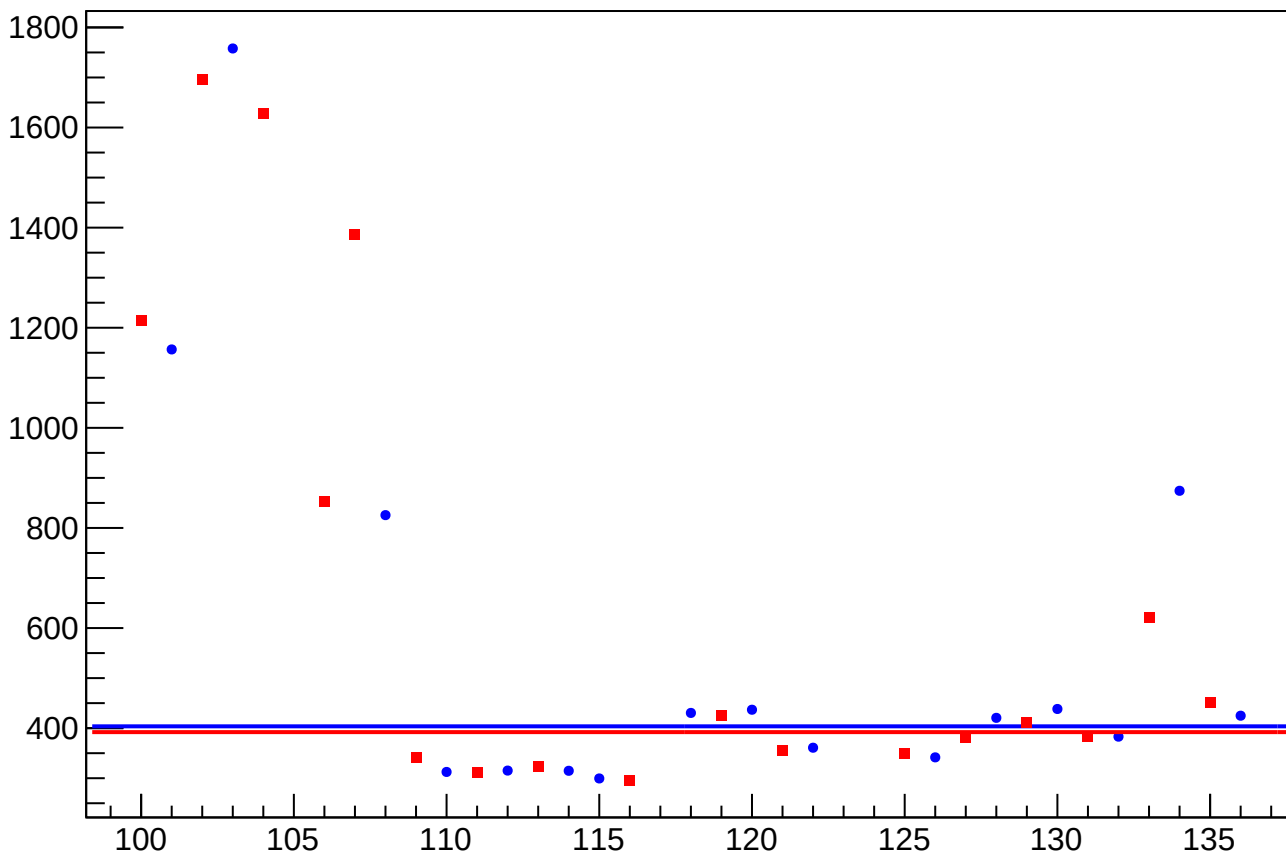
Right: 144.072+/-114.215 χ^2/NDF : 35.9/32

In: 15.291+/-161.845 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.072+/-114.215 χ^2/NDF : 35.9/32

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: 392.084+/-0.114 χ^2/NDF : 2202030.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

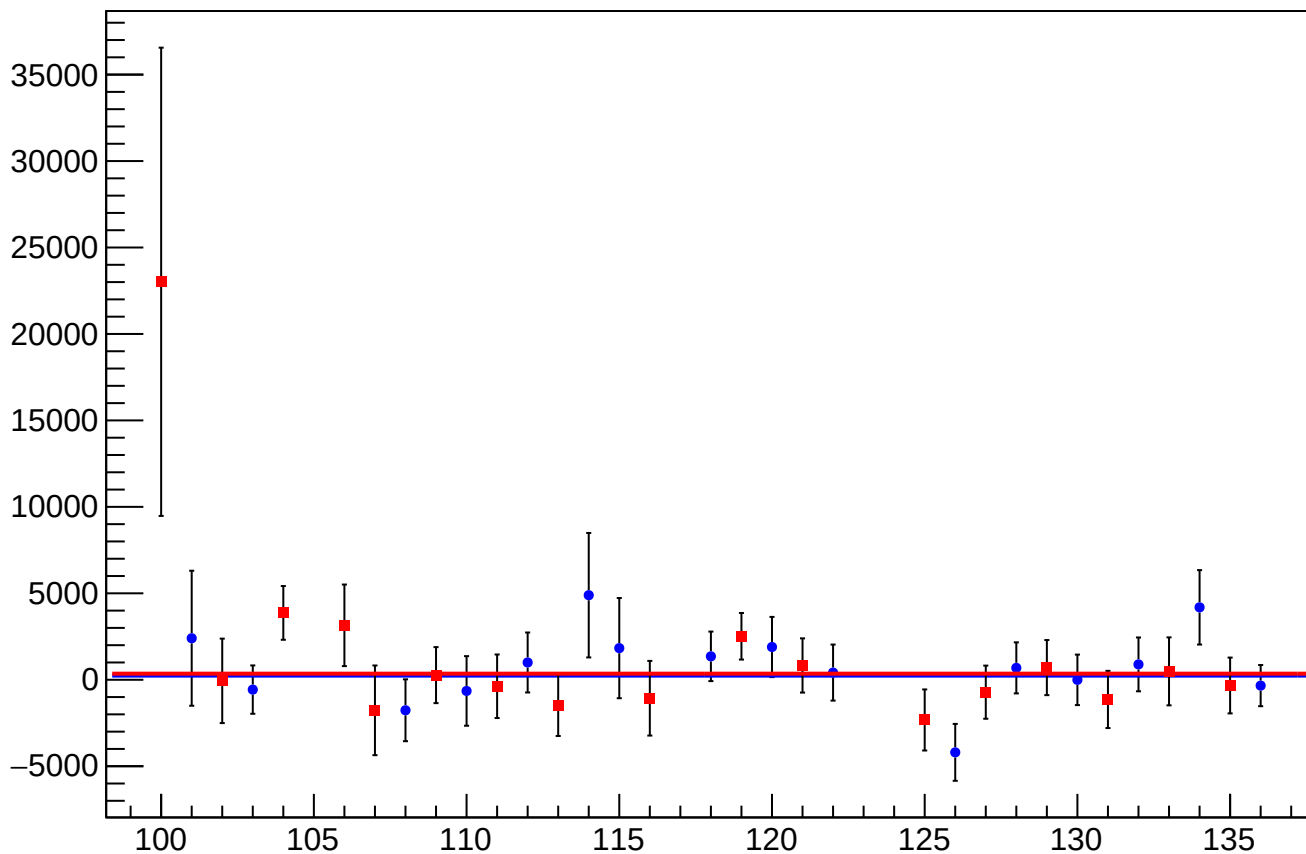
Right: 397.847+/-0.081 χ^2/NDF : 4136760.2/32

In: 403.656+/-0.114 χ^2/NDF : 1929597.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.847+/-0.081 χ^2/NDF : 4136760.2/32

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: 352.727+/-437.307 χ^2/NDF : 18.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

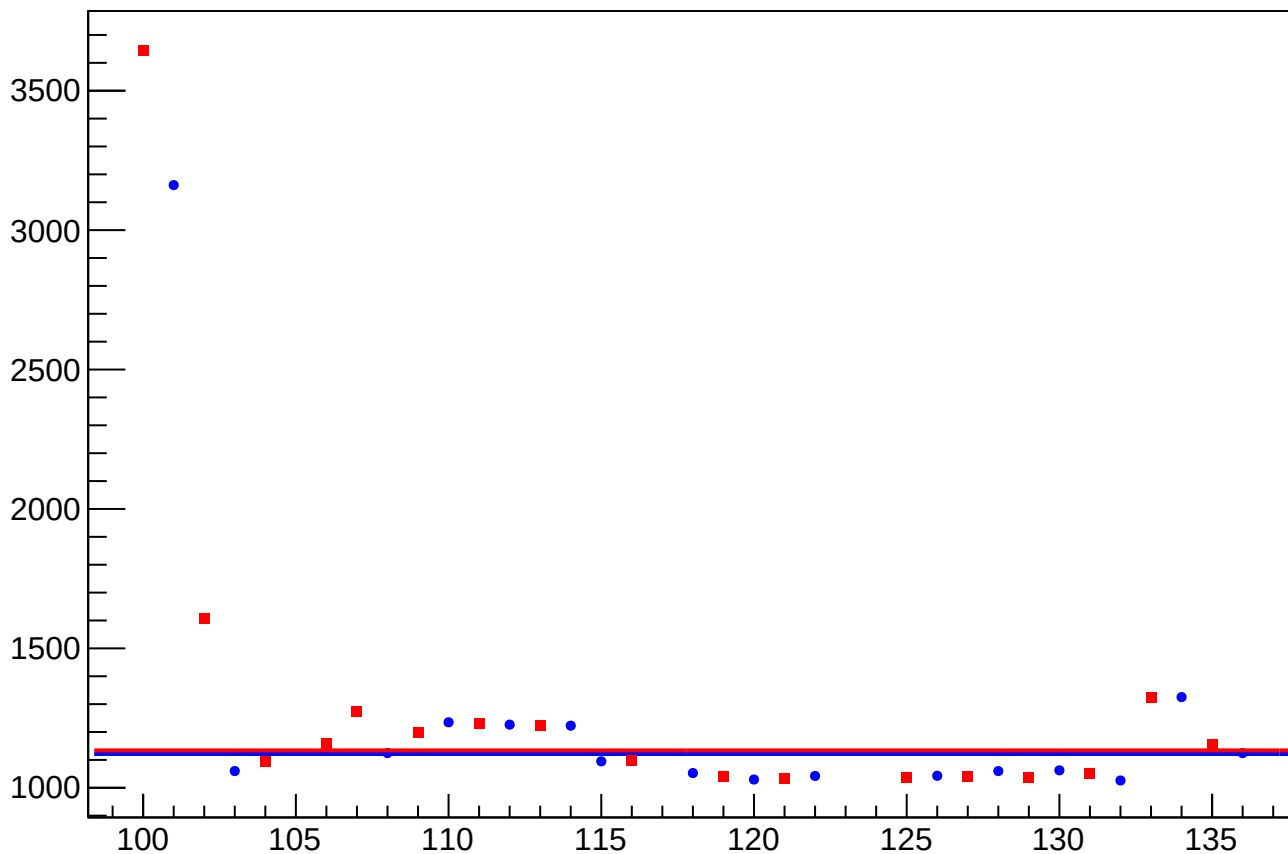
Right: 295.391+/-305.364 χ^2/NDF : 35.2/32

In: 240.829+/-426.592 χ^2/NDF : 17.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 295.391+/-305.364 χ^2/NDF : 35.2/32

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: 1134.194+/-0.309 χ^2/NDF : 227432.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

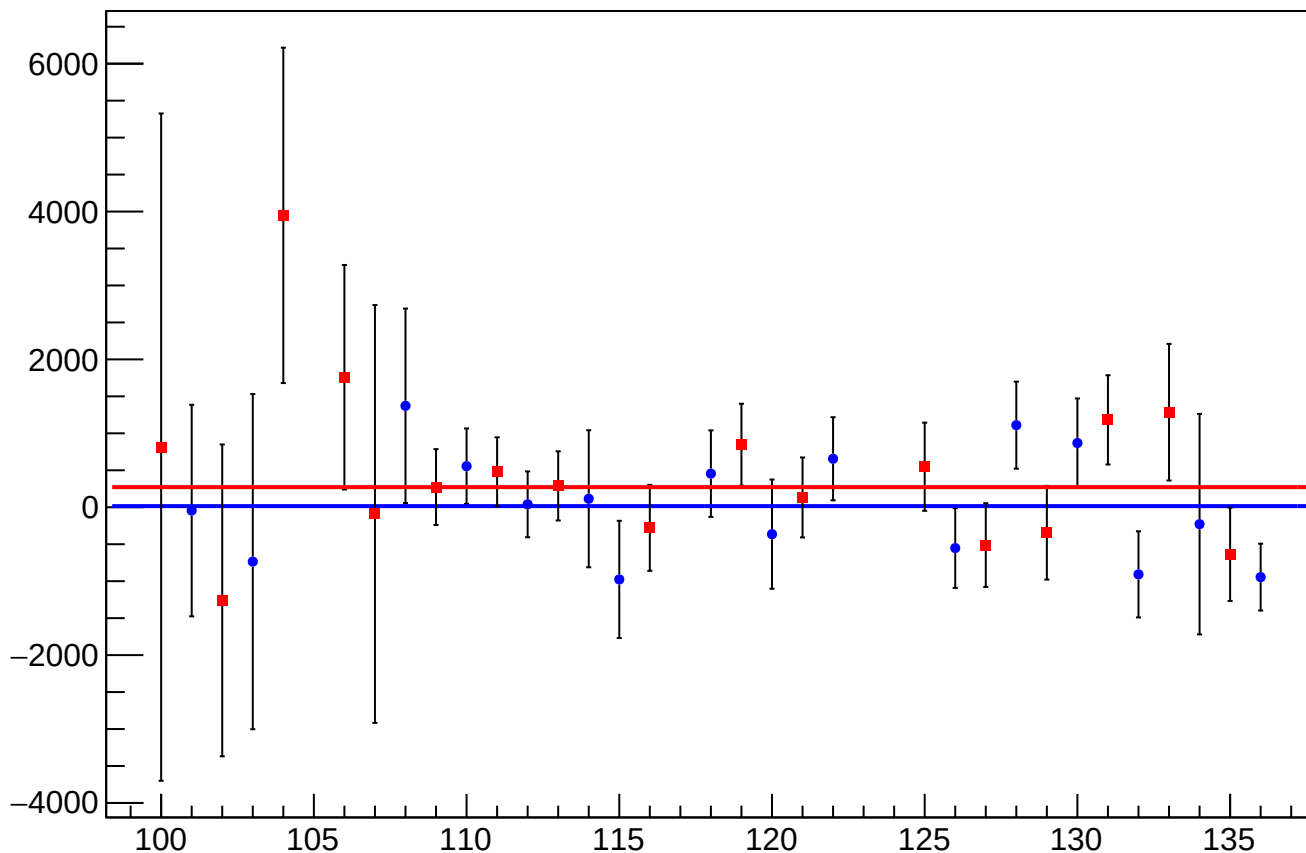
Right: 1127.584+/-0.216 χ^2/NDF : 845352.5/32

In: 1121.294+/-0.302 χ^2/NDF : 617028.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.584+/-0.216 χ^2/NDF : 845352.5/32

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: 271.834+/-161.205 χ^2/NDF : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

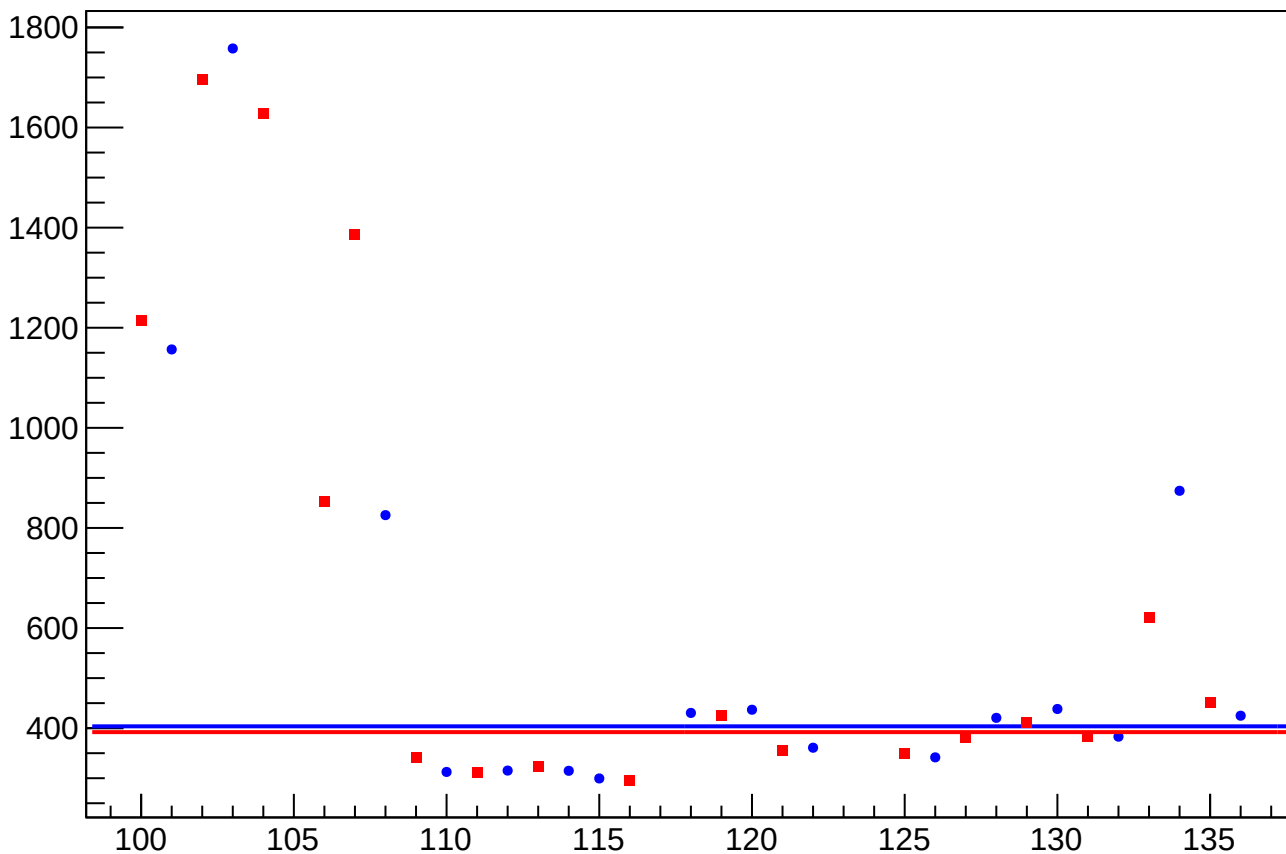
Right: 144.069+/-114.214 χ^2/NDF : 35.9/32

In: 15.288+/-161.844 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.069+/-114.214 χ^2/NDF : 35.9/32

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: 392.081+/-0.114 χ^2/NDF : 2202037.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

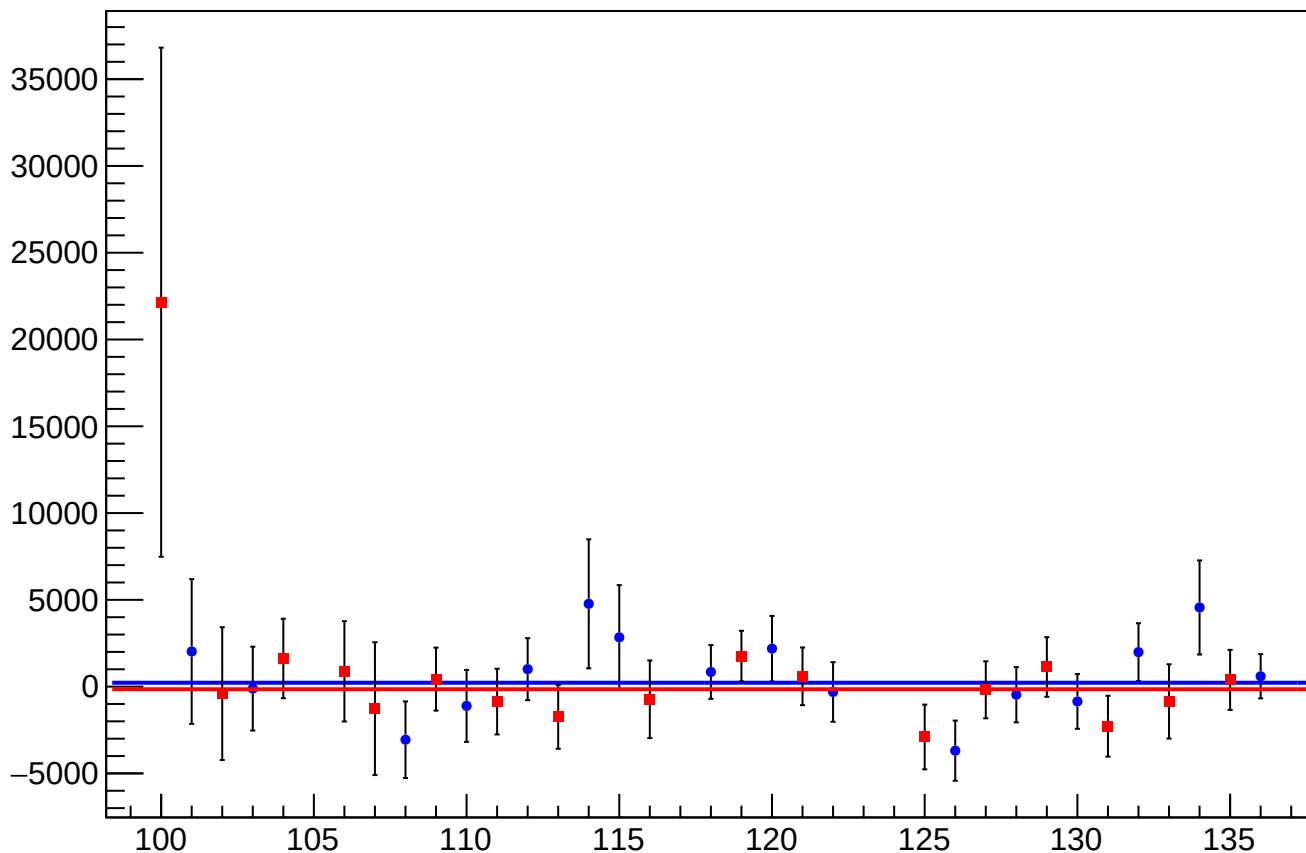
Right: 397.844+/-0.081 χ^2/NDF : 4136764.6/32

In: 403.653+/-0.114 χ^2/NDF : 1929594.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 397.844+/-0.081 χ^2/NDF : 4136764.6/32

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: -152.330 $\pm$ 485.717 χ^2 /NDF: 10.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

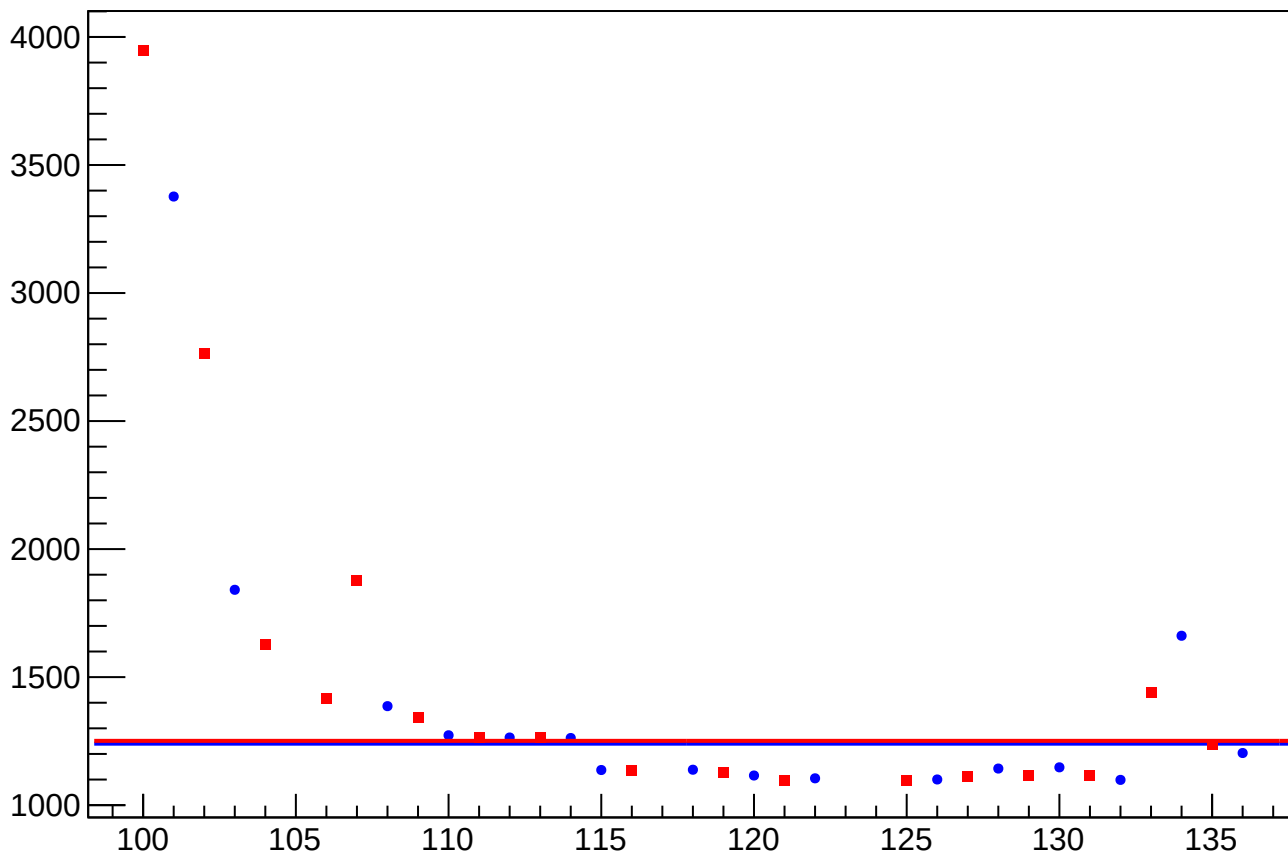
Right: 40.625 $\pm$ 339.440 χ^2 /NDF: 27.0/32

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: 40.625 $\pm$ 339.440 χ^2 /NDF: 27.0/32

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: 1251.139+/-0.343 χ^2/NDF : 605313.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

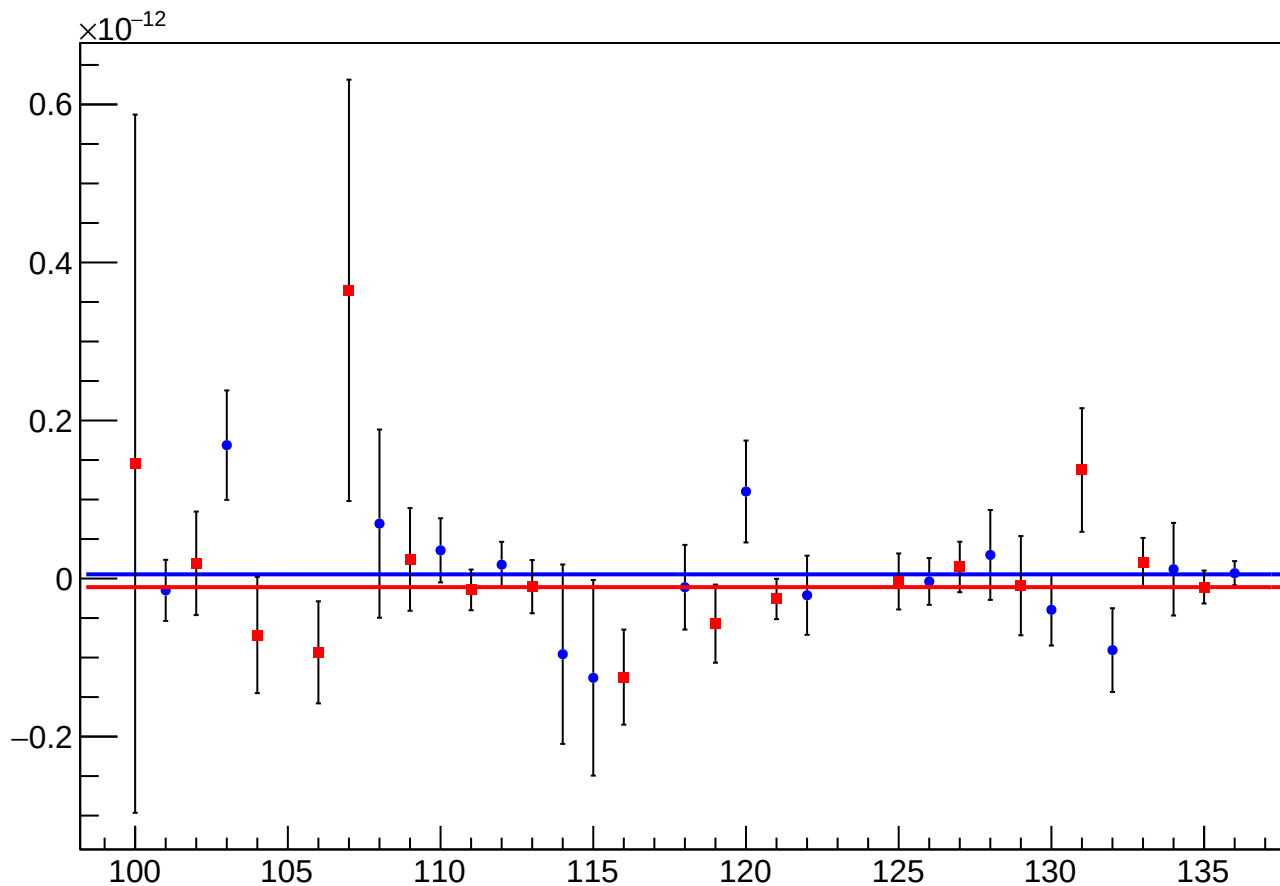
Right: 1245.512+/-0.240 χ^2/NDF : 1388518.2/32

In: 1240.140+/-0.336 χ^2/NDF : 782679.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1245.512+/-0.240 χ^2/NDF : 1388518.2/32

asym_us_dd_atlr_dd_dd_reg_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 : 15.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

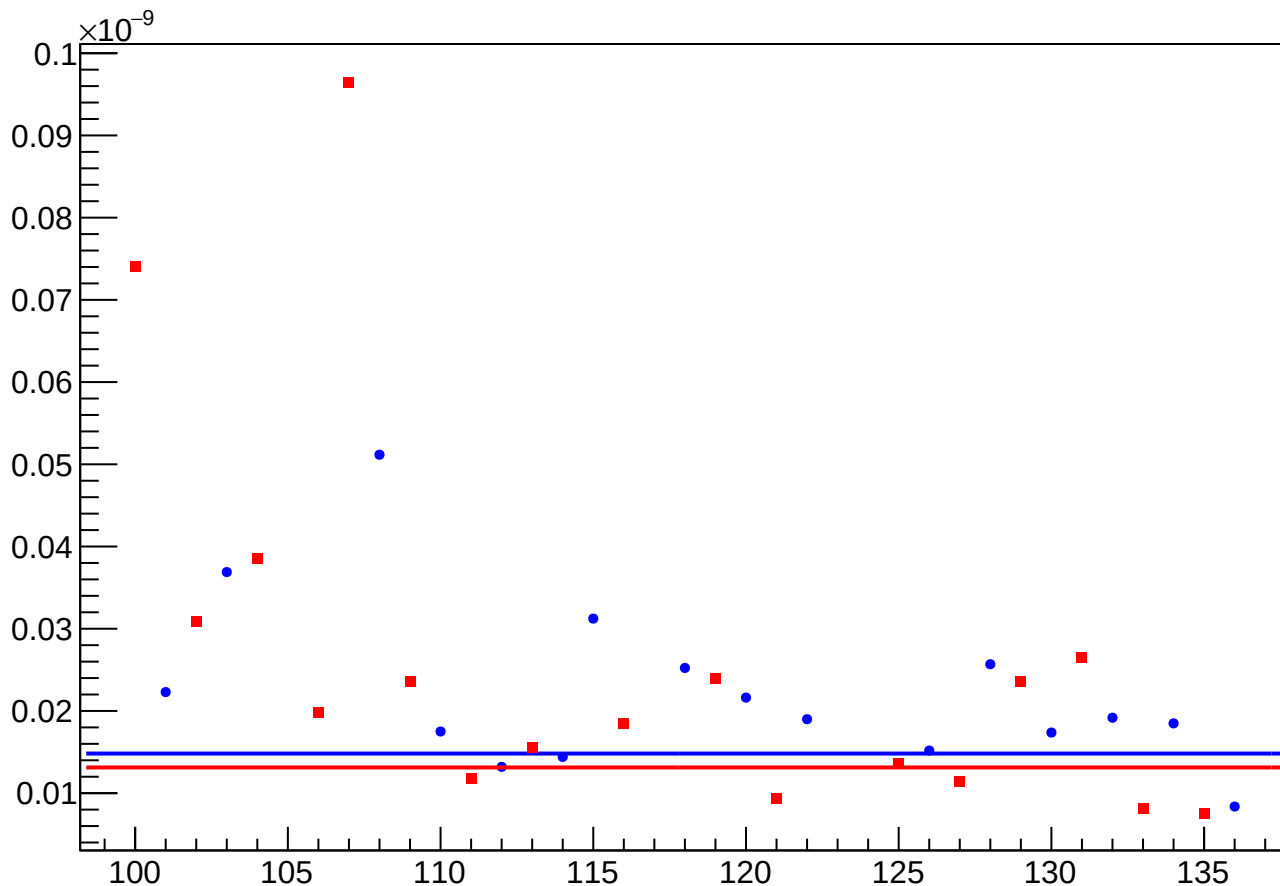
Right: -0.000+/-0.000 χ^2/NDF : 32.8/32

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 : 32.8/32

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 : 1181909.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

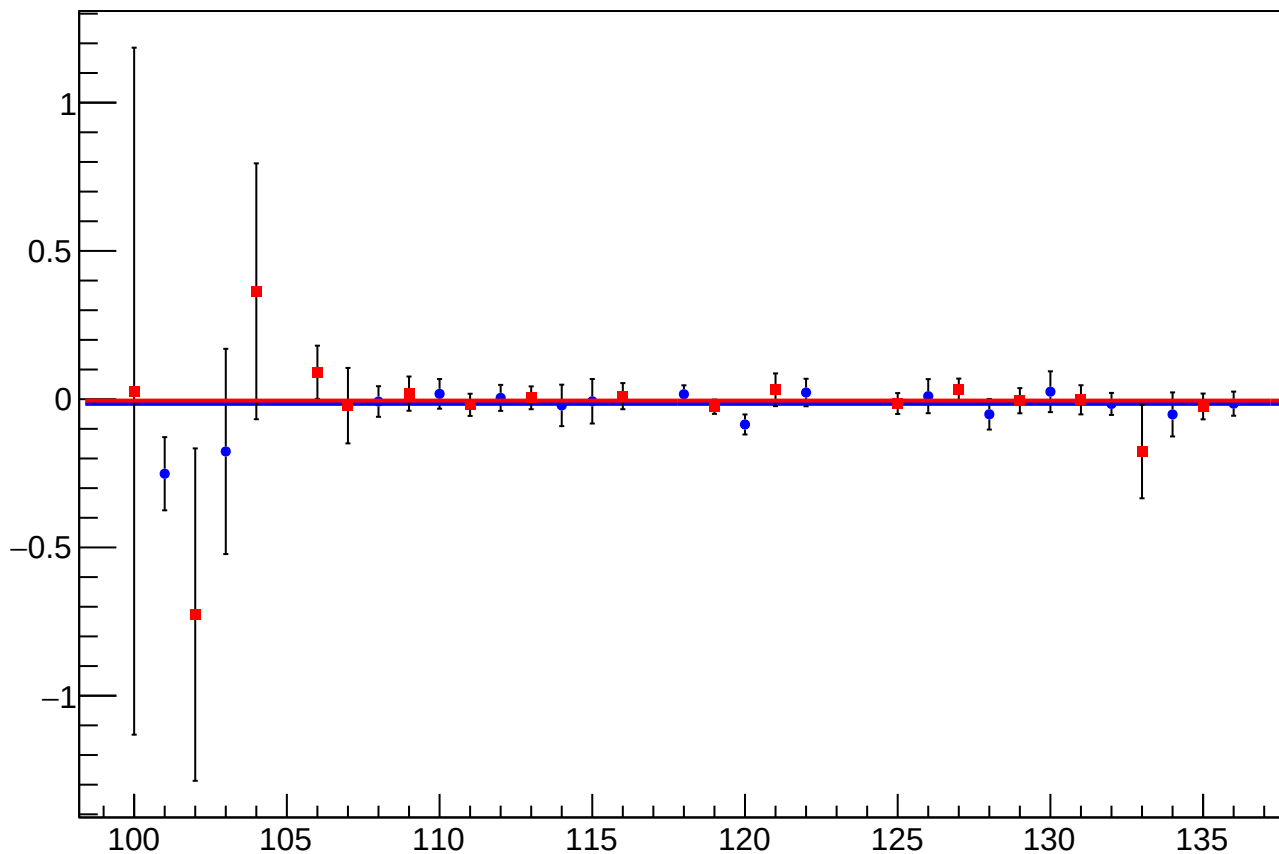
Right: 0.000+/-0.000 χ^2/NDF : 2294489.2/32

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 : 2294489.2/32

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: -0.005 ± 0.012 χ^2/NDF : 7.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

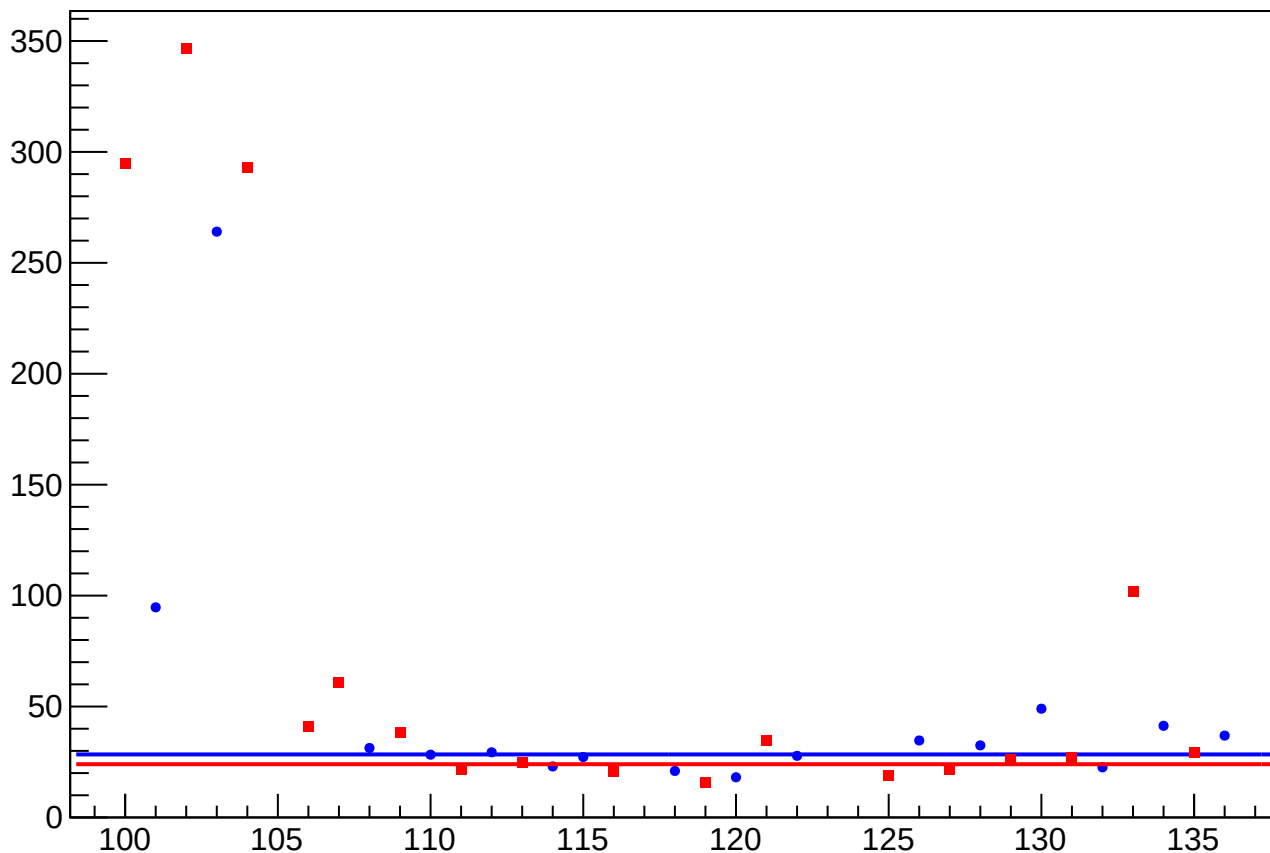
Right: -0.010 ± 0.008 χ^2/NDF : 20.0/32

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 : 20.0/32

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: 23.993+/-0.008 χ^2/NDF : 2832797.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

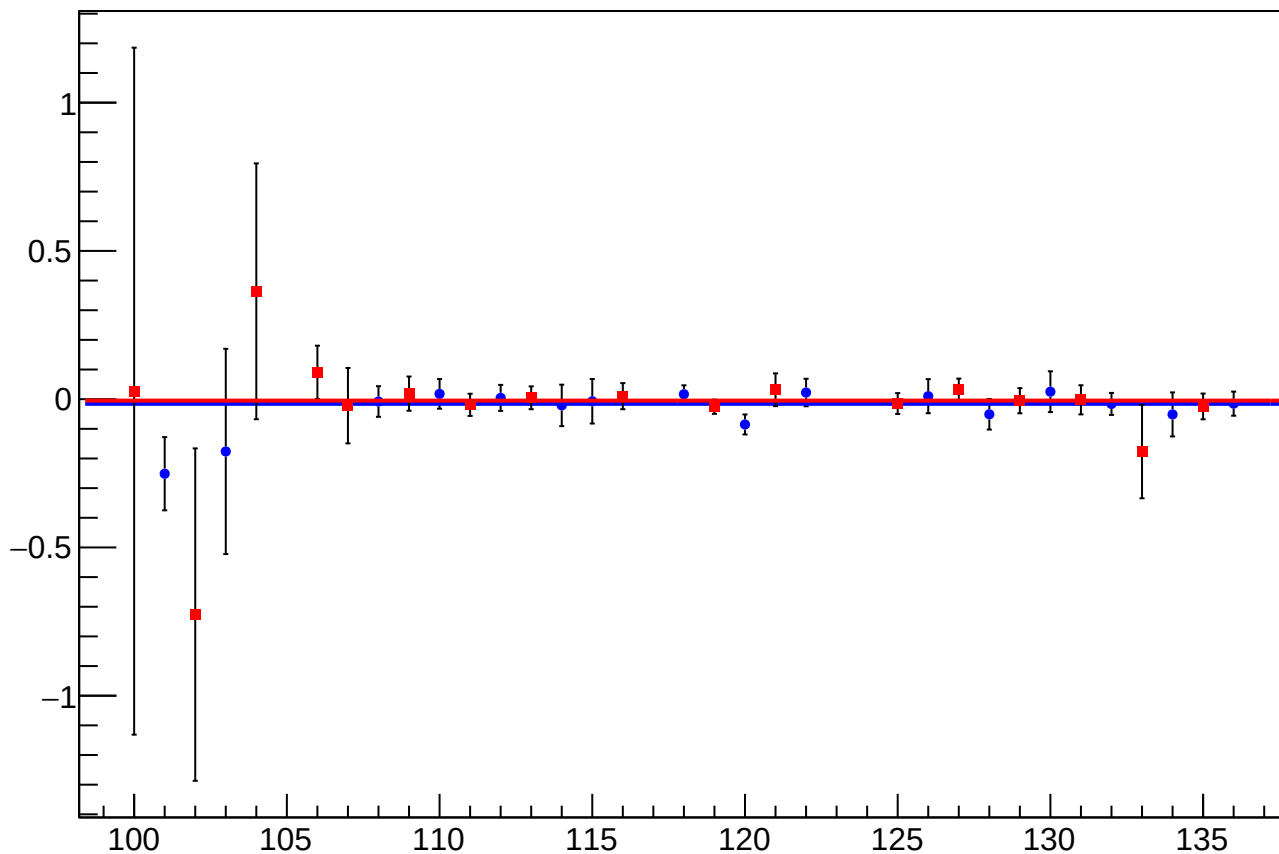
Right: 26.055+/-0.006 χ^2/NDF : 5215910.9/32

In: 28.411+/-0.009 χ^2/NDF :2245642.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 26.055+/-0.006 χ^2/NDF : 5215910.9/32

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: -0.005+/-0.012 χ^2/NDF : 7.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

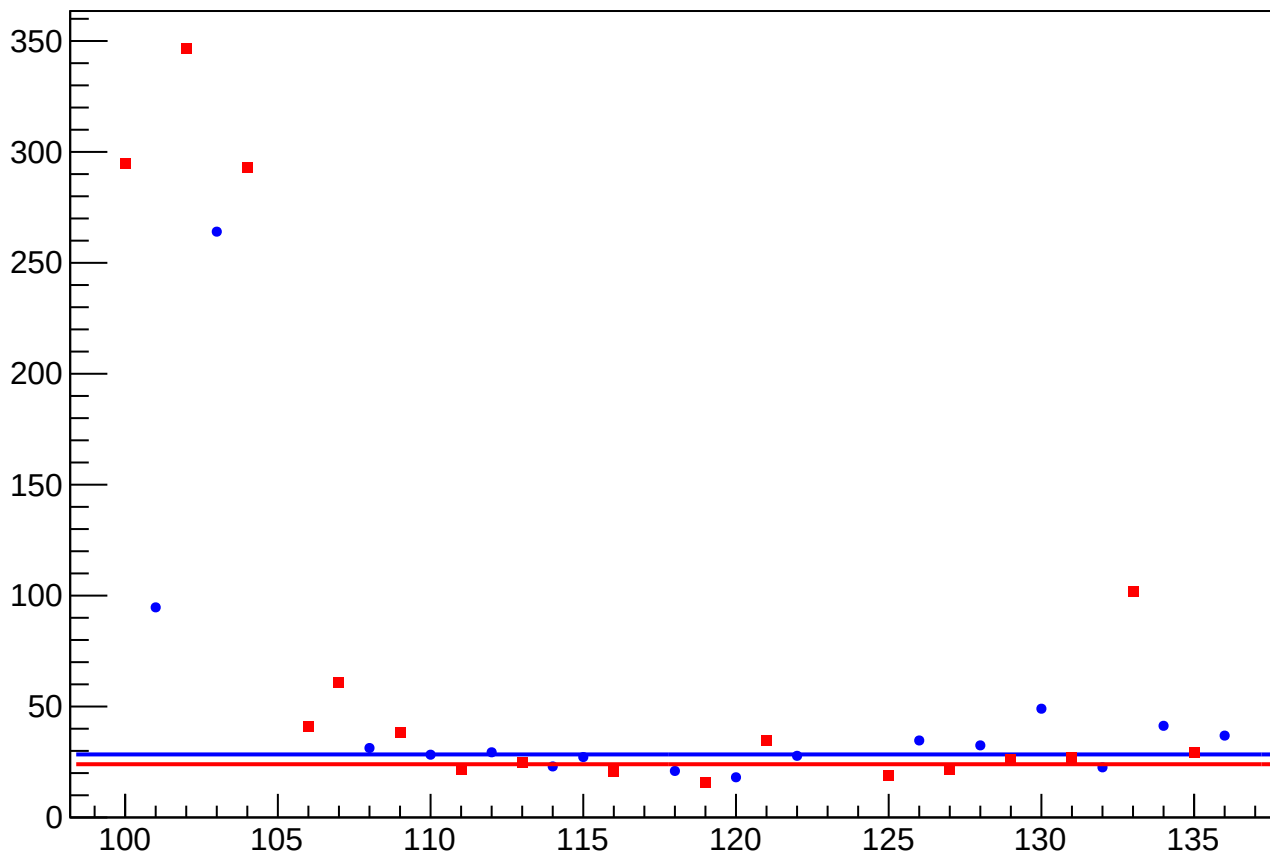
Right: -0.010+/-0.008 χ^2/NDF : 20.0/32

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 : 20.0/32

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: 23.993+/-0.008 χ^2/NDF : 2832797.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

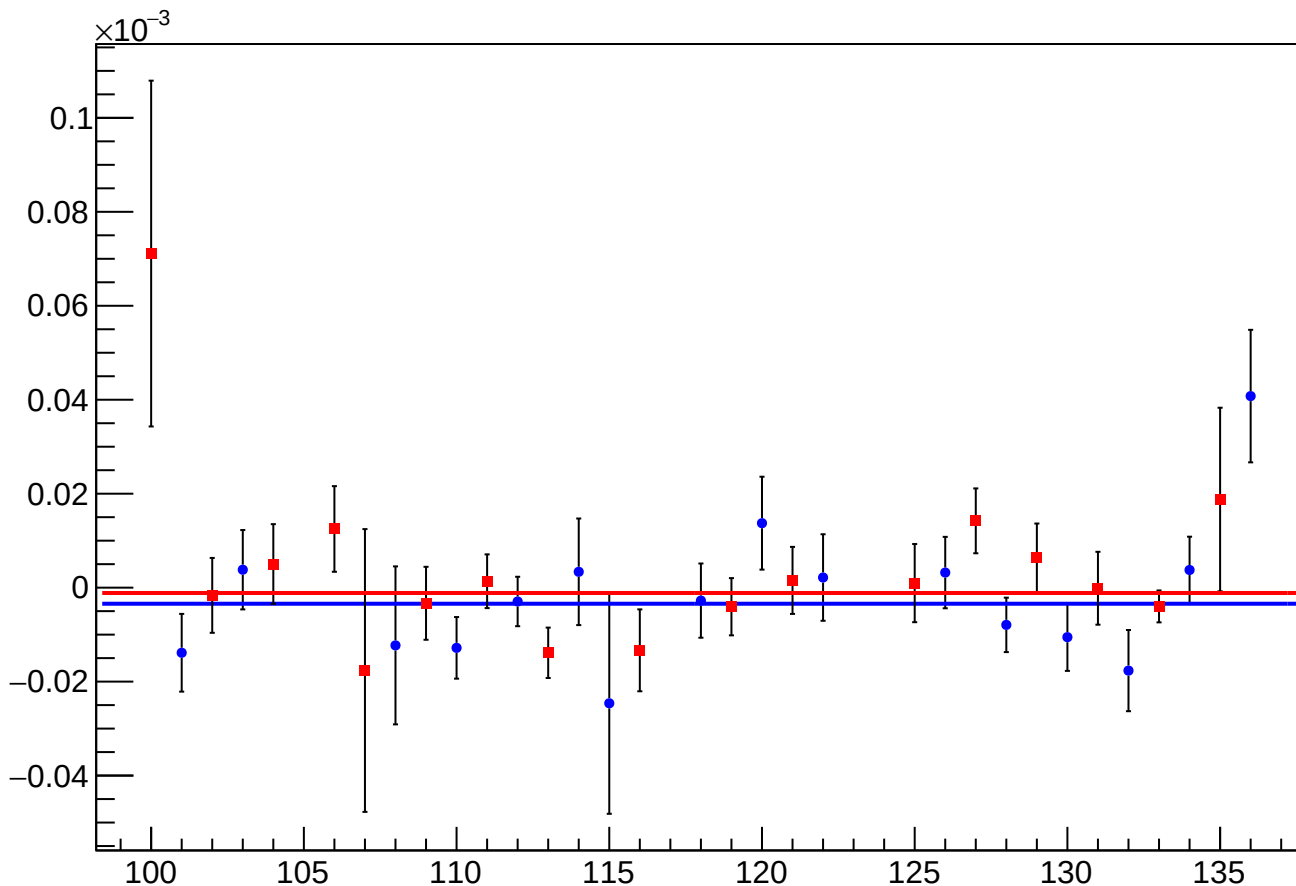
Right: 26.055+/-0.006 χ^2/NDF : 5215910.9/32

In: 28.411+/-0.009 χ^2/NDF : 2245642.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.055+/-0.006 χ^2/NDF : 5215910.9/32

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 : 23.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

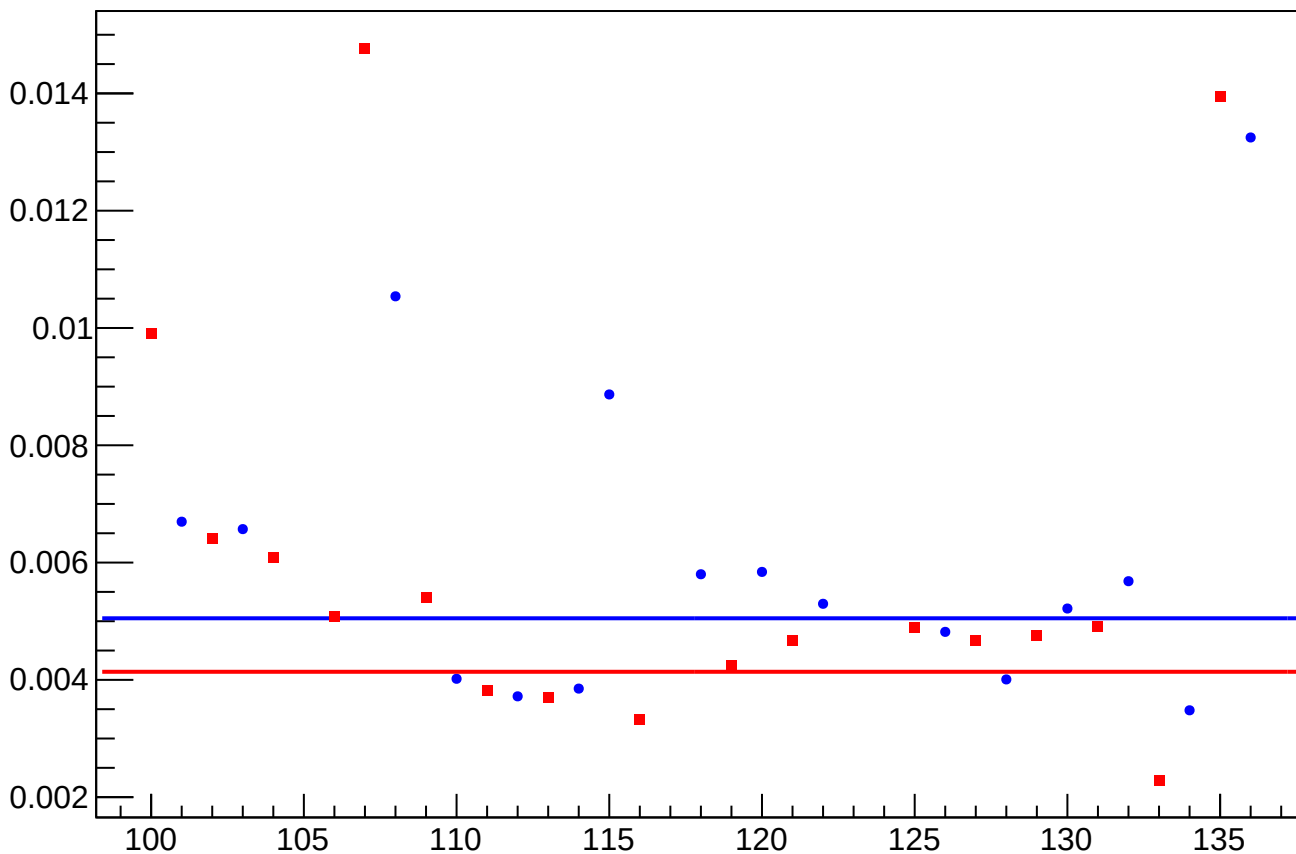
Right: -0.000+/-0.000 χ^2/NDF : 48.9/32

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 : 48.9/32

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 : 1855823.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

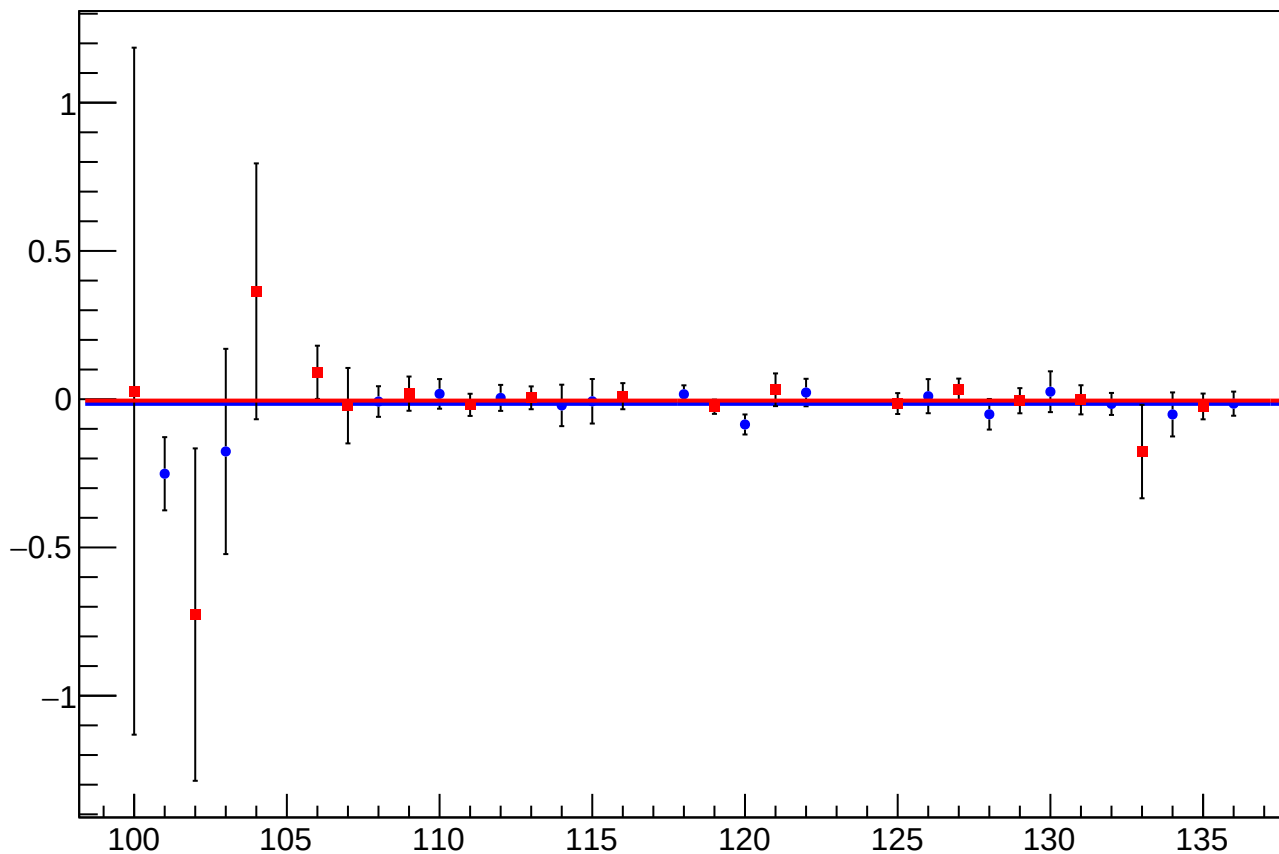
Right: 0.005+/-0.000 χ^2/NDF : 3587931.5/32

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 : 3587931.5/32

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 ± 0.012 $\chi^2/\text{NDF}: 11.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.005 ± 0.012 $\chi^2/\text{NDF}: 7.7/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

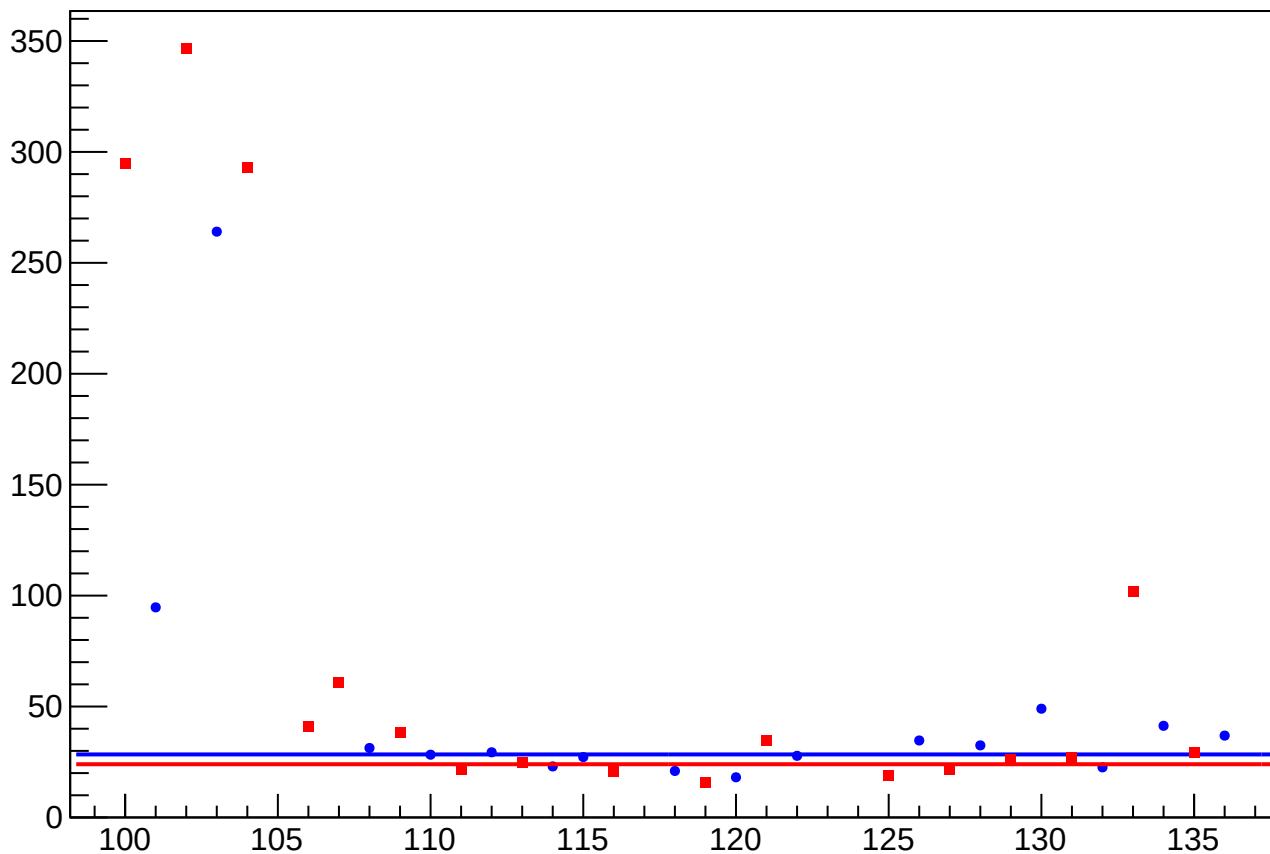
Right: -0.010 ± 0.008 $\chi^2/\text{NDF}: 20.0/32$

In: -0.016 ± 0.012 $\chi^2/\text{NDF}: 11.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.010 ± 0.008 $\chi^2/\text{NDF}: 20.0/32$

asym_us_dd_atlr_dd_dd_eigen_dit_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: 23.991+/-0.008 χ^2/NDF : 2833030.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

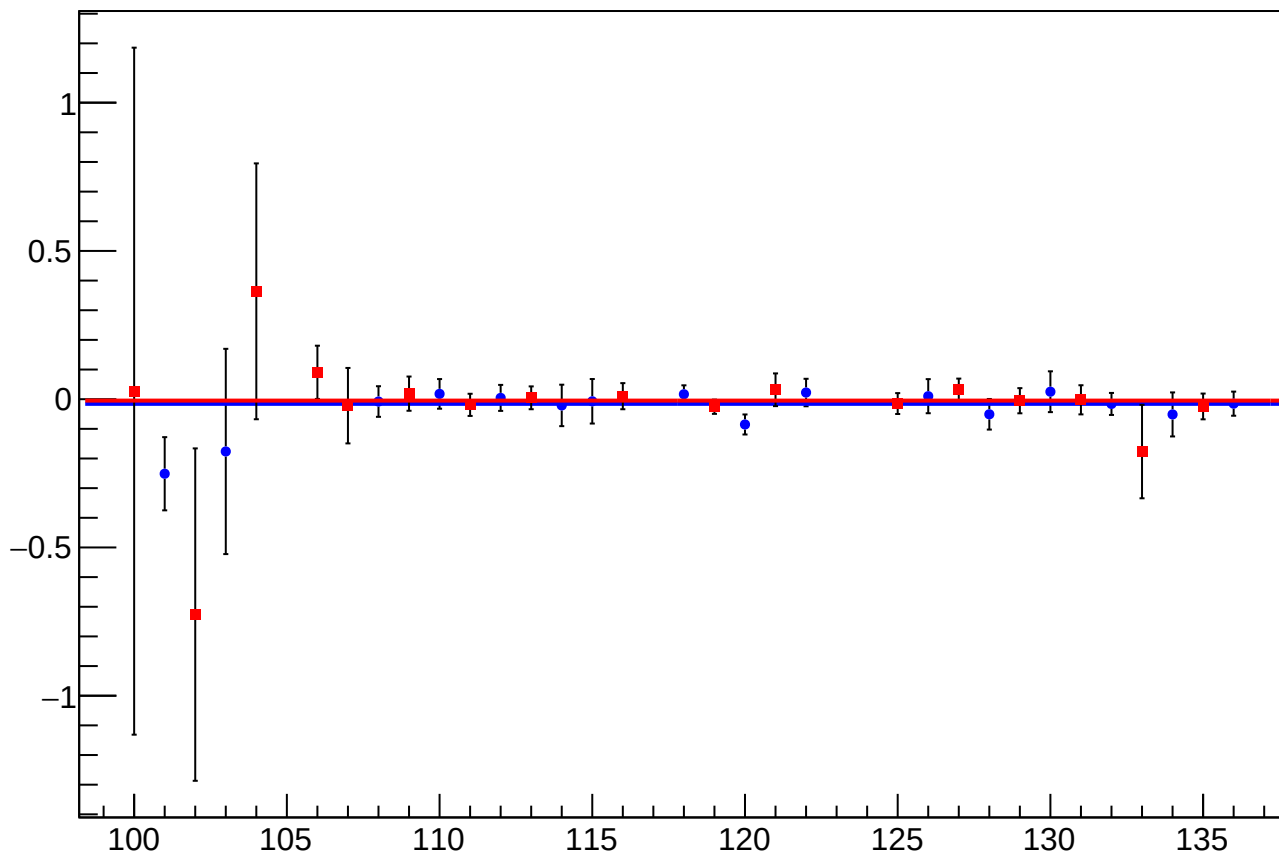
Right: 26.054+/-0.006 χ^2/NDF : 5216265.8/32

In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.054+/-0.006 χ^2/NDF : 5216265.8/32

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.016 $\pm$ 0.012 χ^2/NDF : 11.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.005 $\pm$ 0.012 χ^2/NDF : 7.7/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

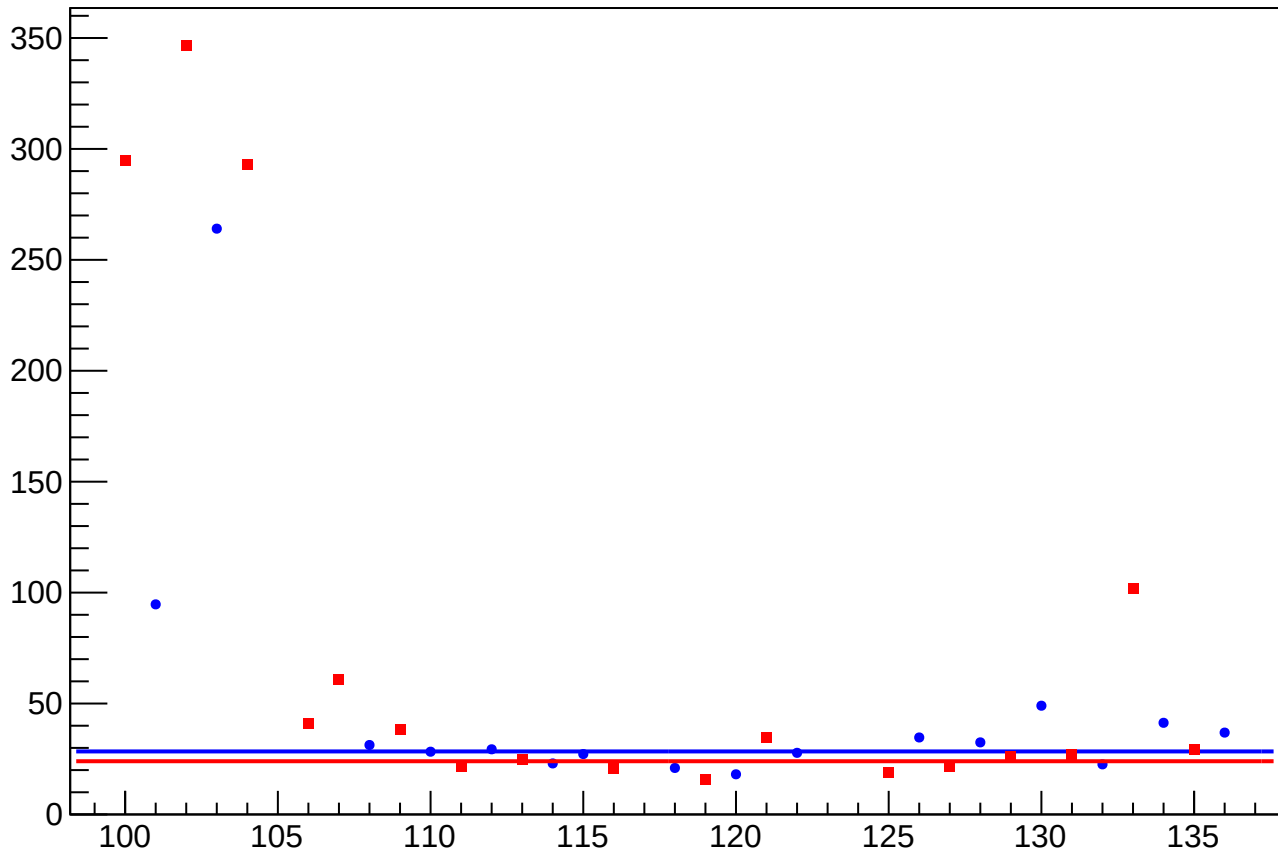
Right: -0.010 $\pm$ 0.008 χ^2/NDF : 20.0/32

In: -0.016 $\pm$ 0.012 χ^2/NDF : 11.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.010 $\pm$ 0.008 χ^2/NDF : 20.0/32

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: 23.991+/-0.008 χ^2/NDF : 2833030.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

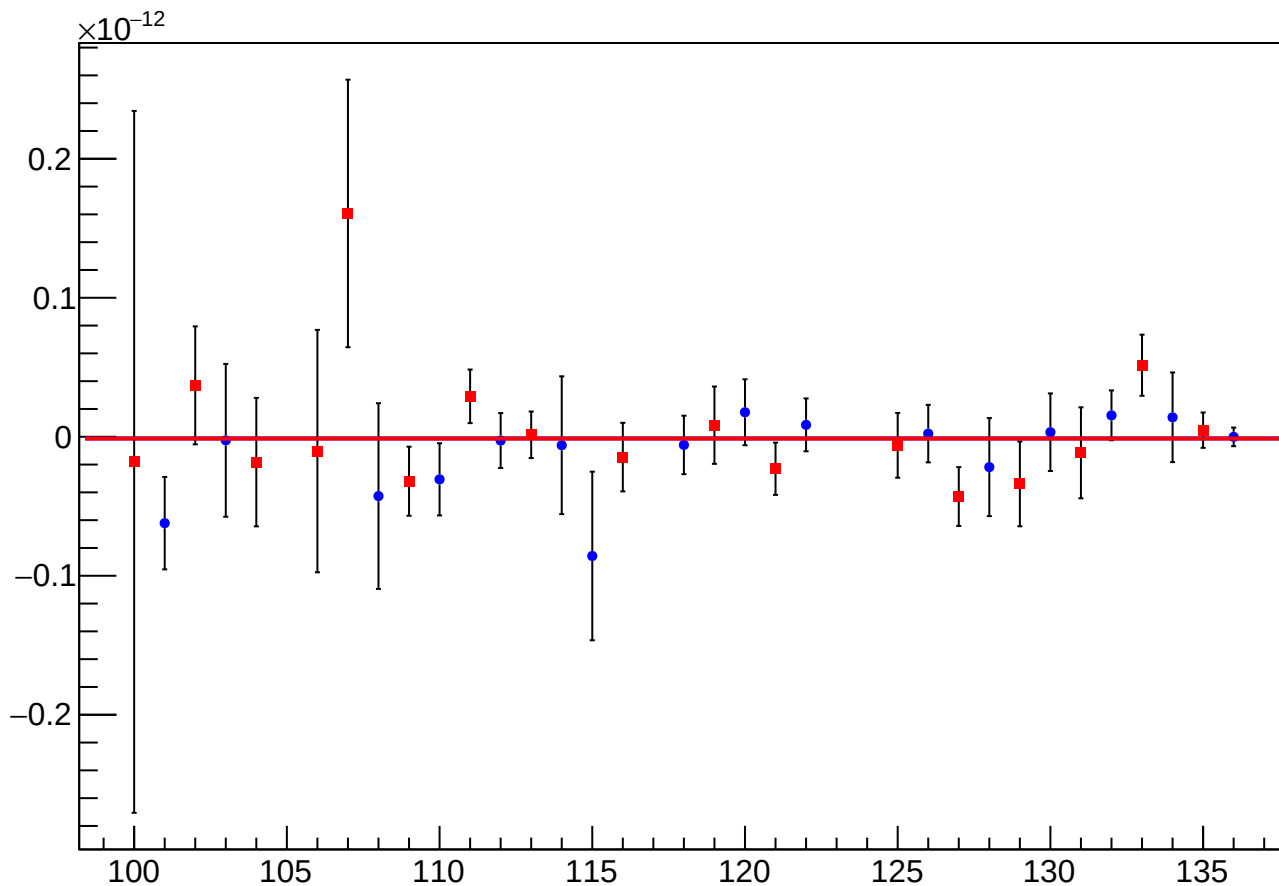
Right: 26.054+/-0.006 χ^2/NDF : 5216265.8/32

In: 28.411+/-0.009 χ^2/NDF : 2245663.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.054+/-0.006 χ^2/NDF : 5216265.8/32

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 : 20.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

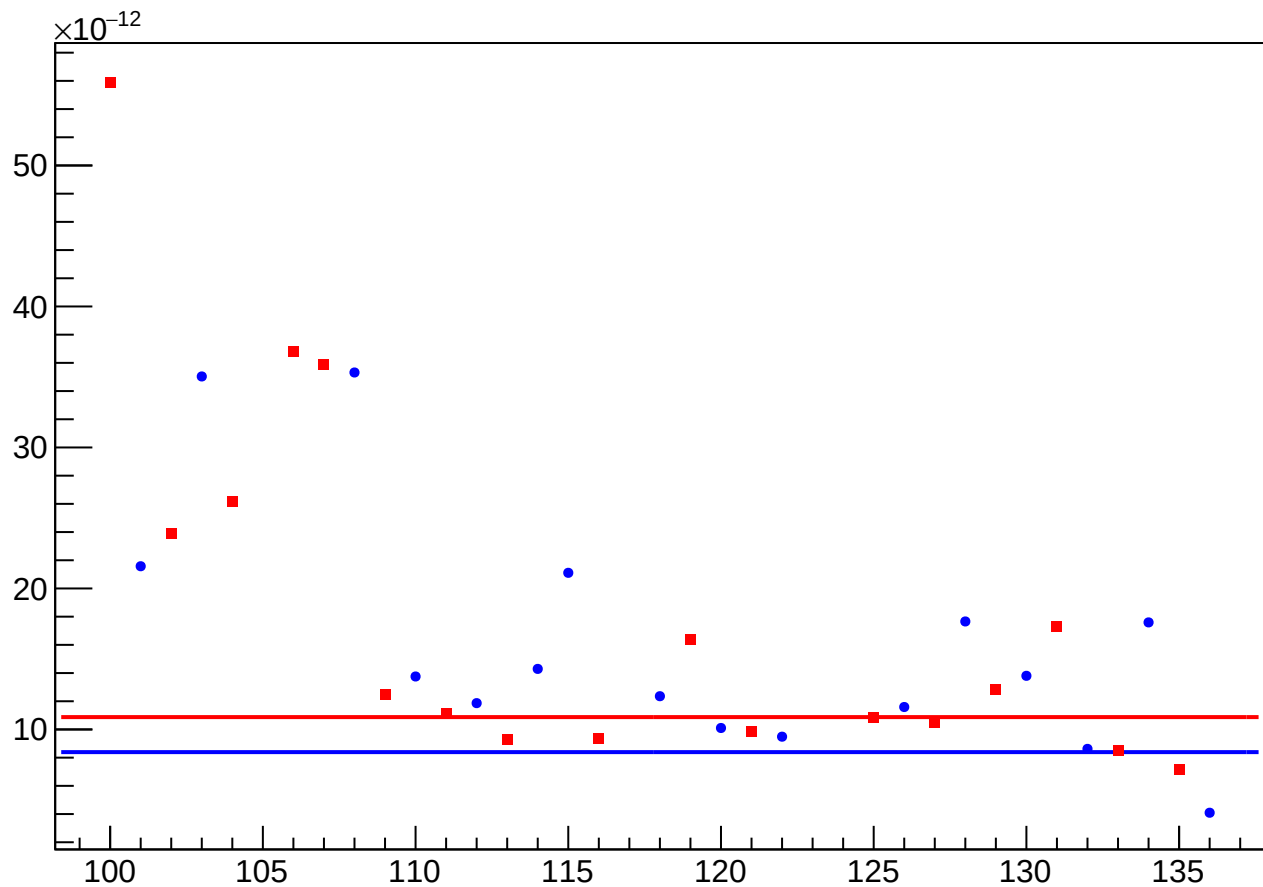
Right: -0.000+/-0.000 χ^2/NDF : 30.2/32

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 : 30.2/32

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 : 1180084.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

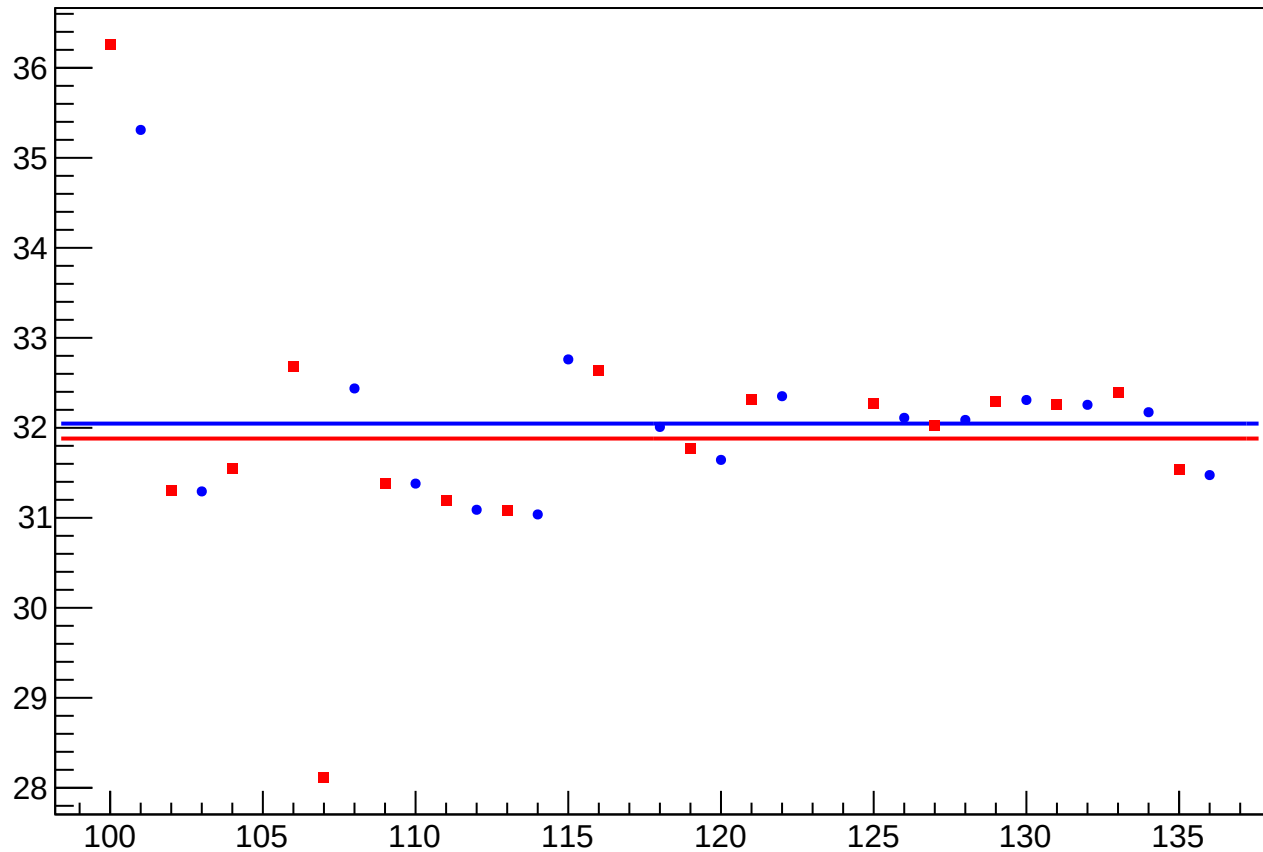
Right: 0.000+/-0.000 χ^2/NDF : 4106688.7/32

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 : 4106688.7/32

yield_usl_mean vs Slug, Sign Corrected



Right In: 32.047+/-0.000 χ^2/NDF : 898593424.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.000 χ^2/NDF : 476140756.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

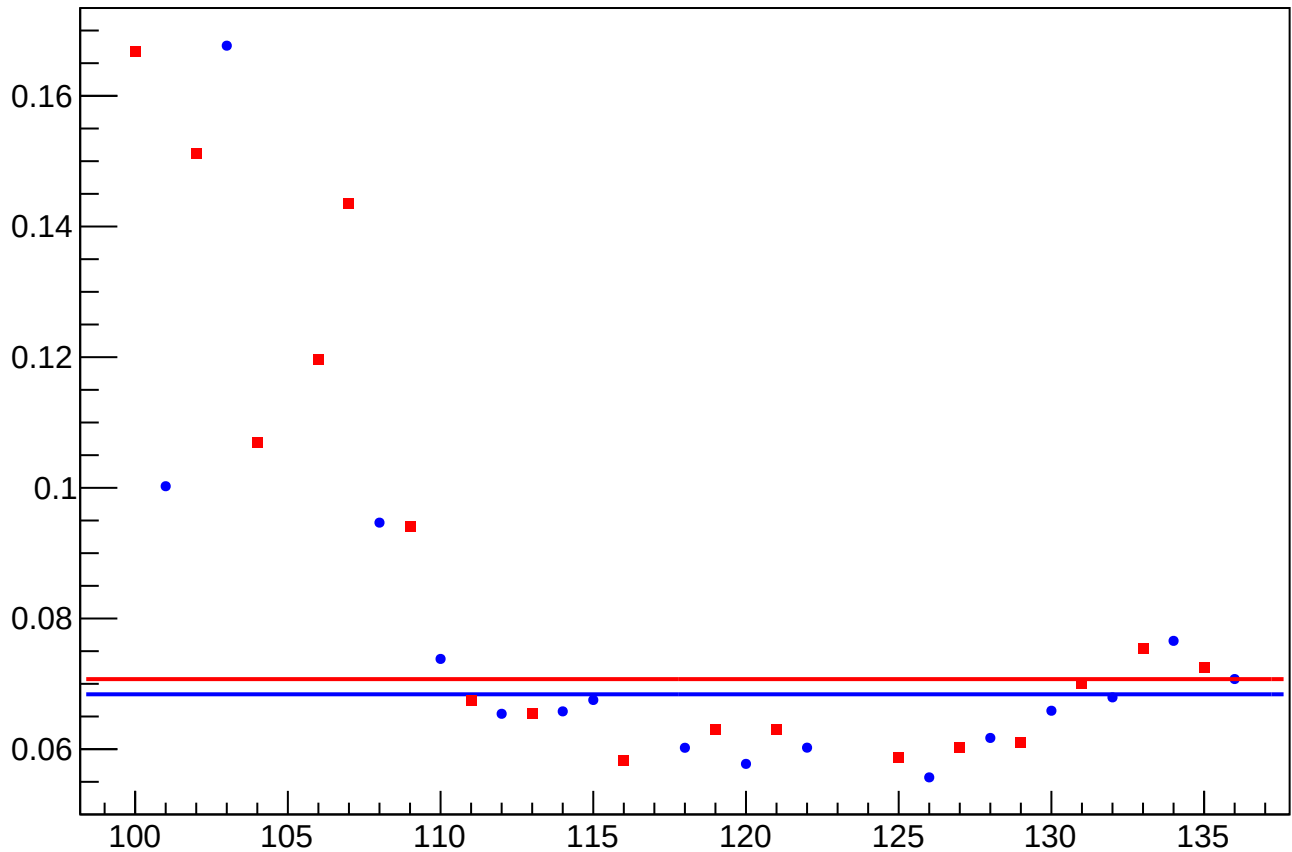
Right: 31.968+/-0.000 χ^2/NDF : 1392246424.9/32

In: 32.047+/-0.000 χ^2/NDF : 898593424.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.968+/-0.000 χ^2/NDF : 1392246424.9/32

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 : 867306.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

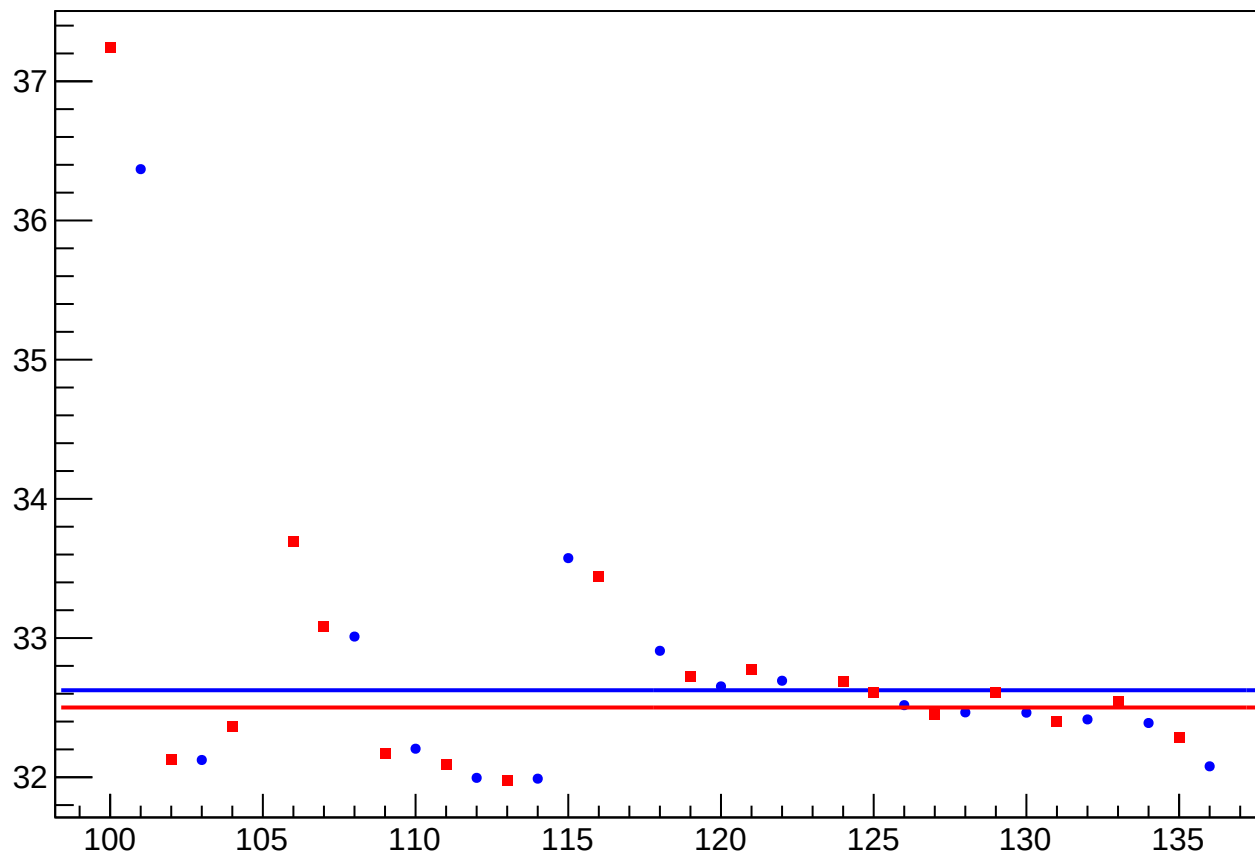
Right: 0.070+/-0.000 χ^2/NDF : 1577363.6/32

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 : 1577363.6/32

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: 32.501+/-0.000 χ^2/NDF : 145265755.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

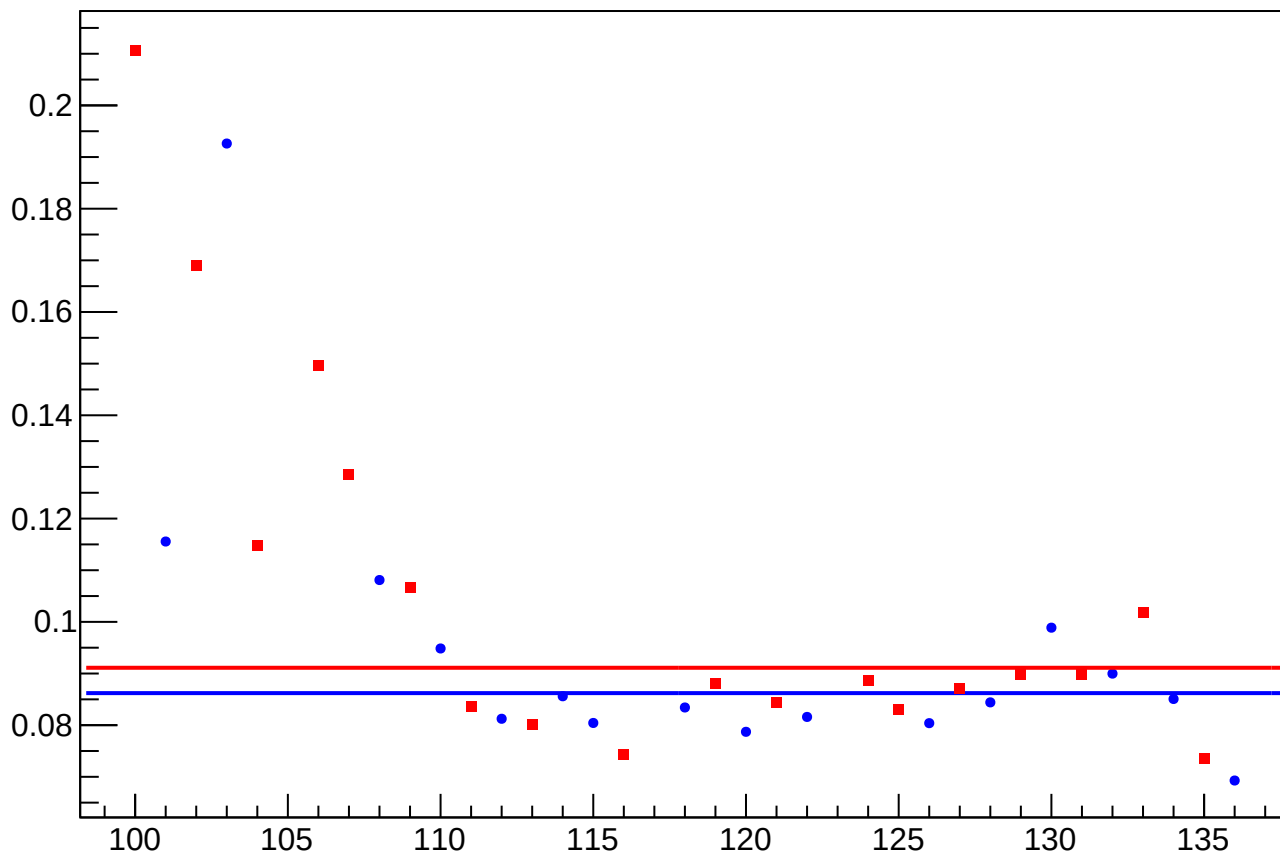
Right: 32.567+/-0.000 χ^2/NDF : 890524831.8/33

In: 32.625+/-0.000 χ^2/NDF : 739141163.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.567+/-0.000 χ^2/NDF : 890524831.8/33

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: 0.091+/-0.000 χ^2/NDF : 589597.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

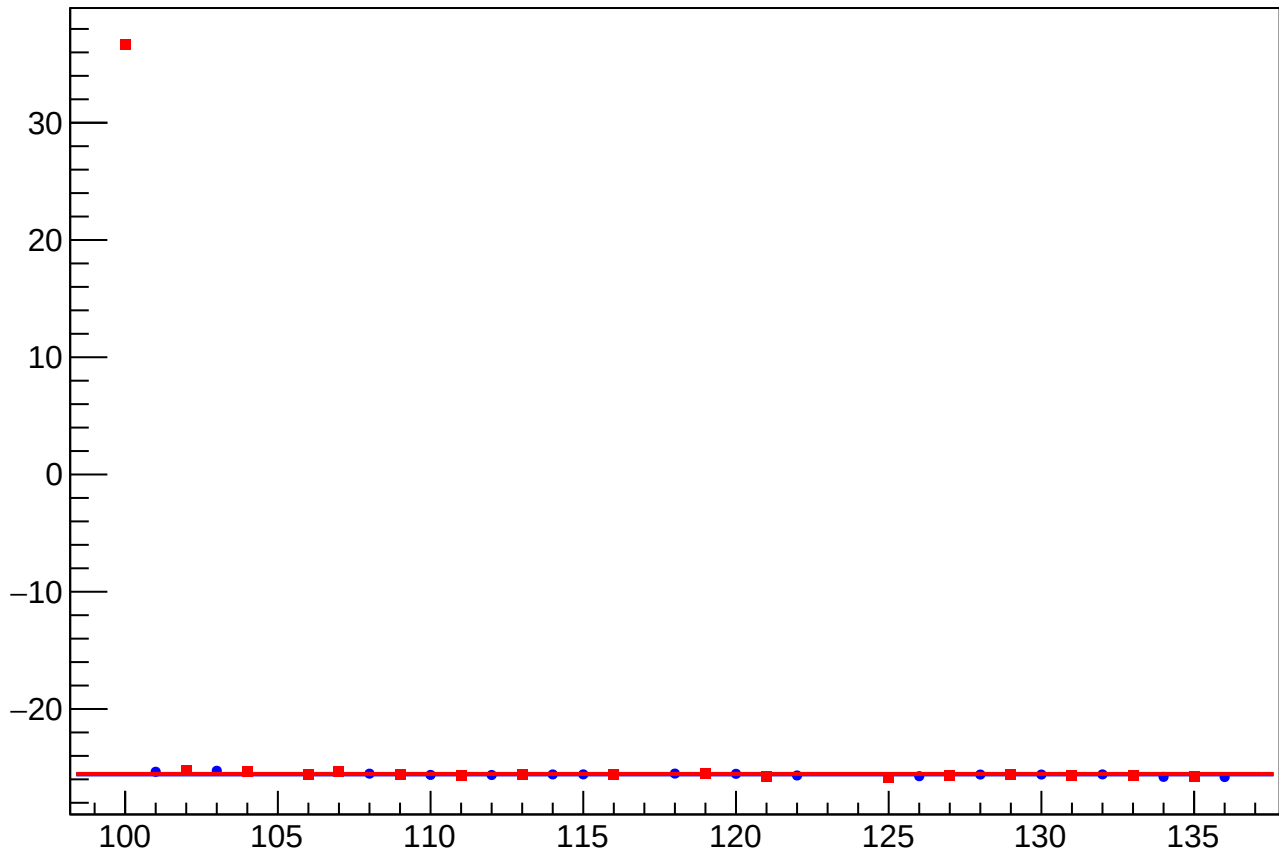
Right: 0.089+/-0.000 χ^2/NDF : 1207519.2/33

In: 0.086+/-0.000 χ^2/NDF :598718.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.089+/-0.000 χ^2/NDF : 1207519.2/33

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: -25.536+/-0.000 χ^2/NDF : 8899284374.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

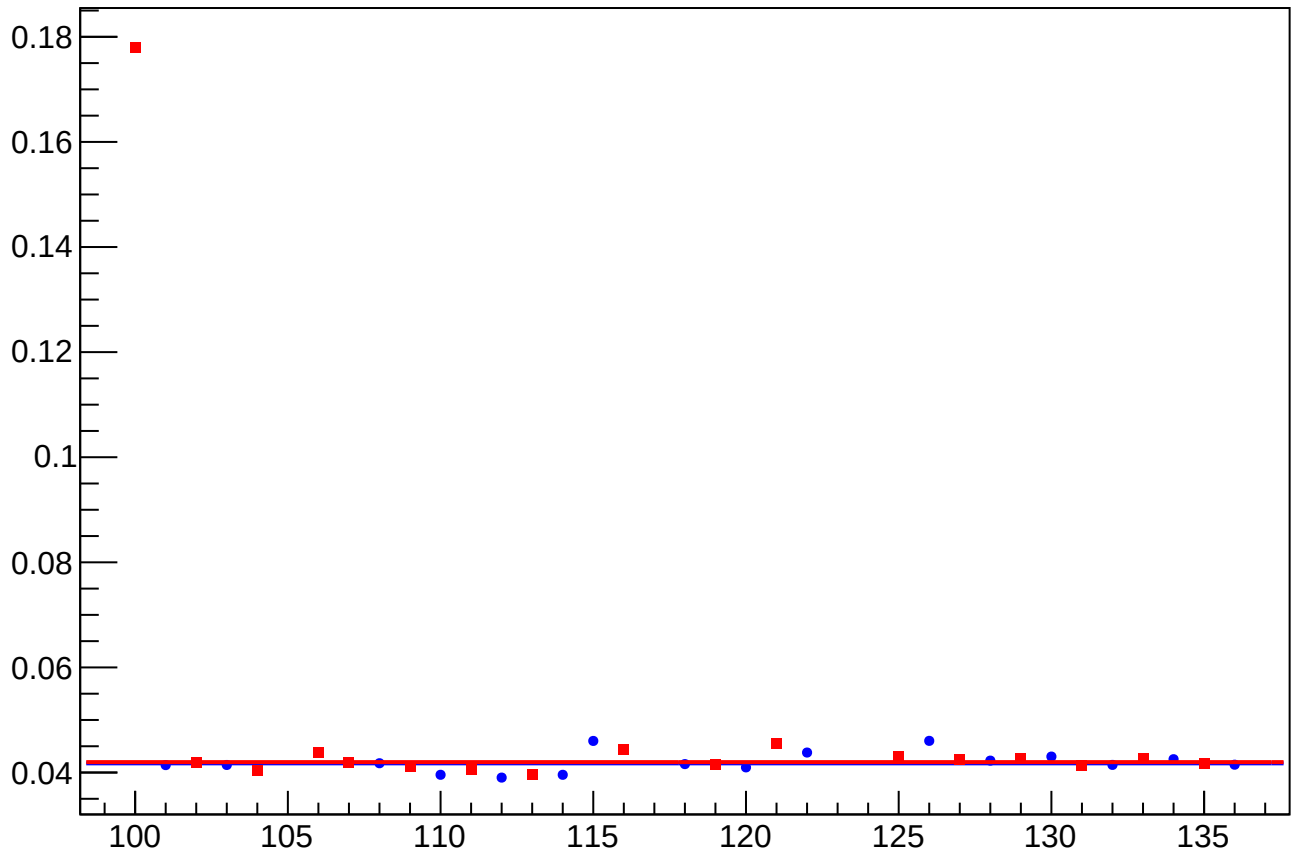
Right: -25.558+/-0.000 χ^2/NDF : 9001439076.5/32

In: -25.579+/-0.000 χ^2/NDF : 98389255.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -25.558+/-0.000 χ^2/NDF : 9001439076.5/32

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 : 99348.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

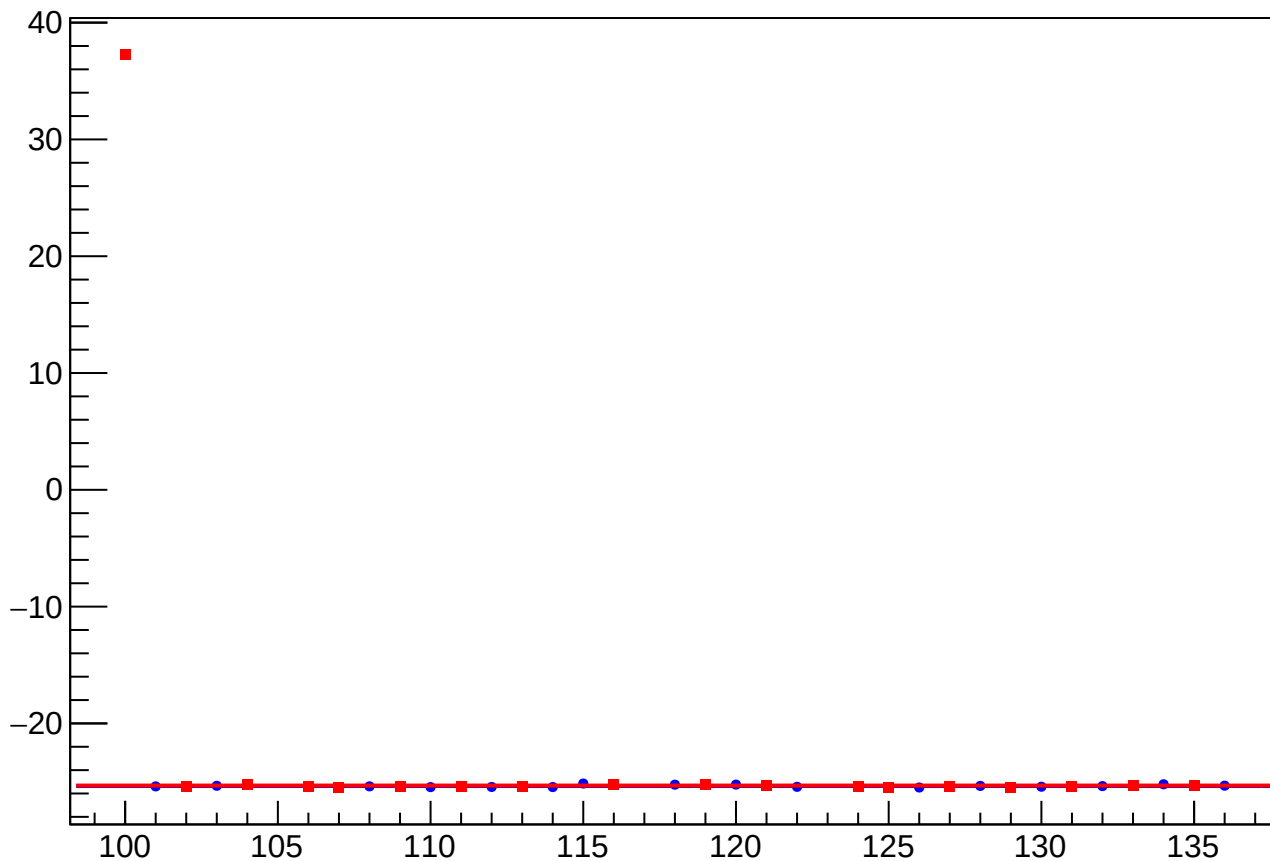
Right: 0.042+/-0.000 χ^2/NDF : 120305.1/32

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 : 120305.1/32

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: -25.321+/-0.000 χ^2/NDF : 6314807791.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

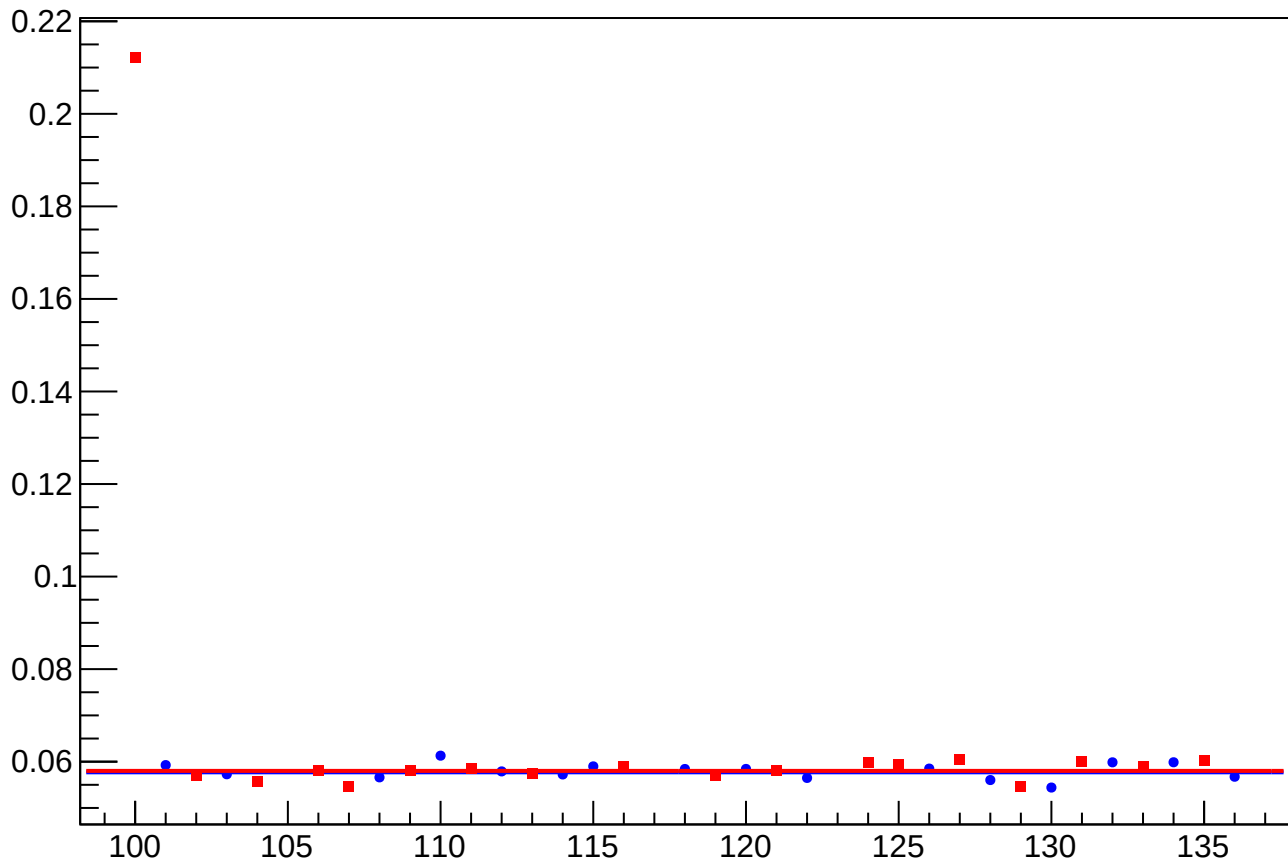
Right: -25.341+/-0.000 χ^2/NDF : 6329710707.7/33

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 : 6329710707.7/33

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 : 88662.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

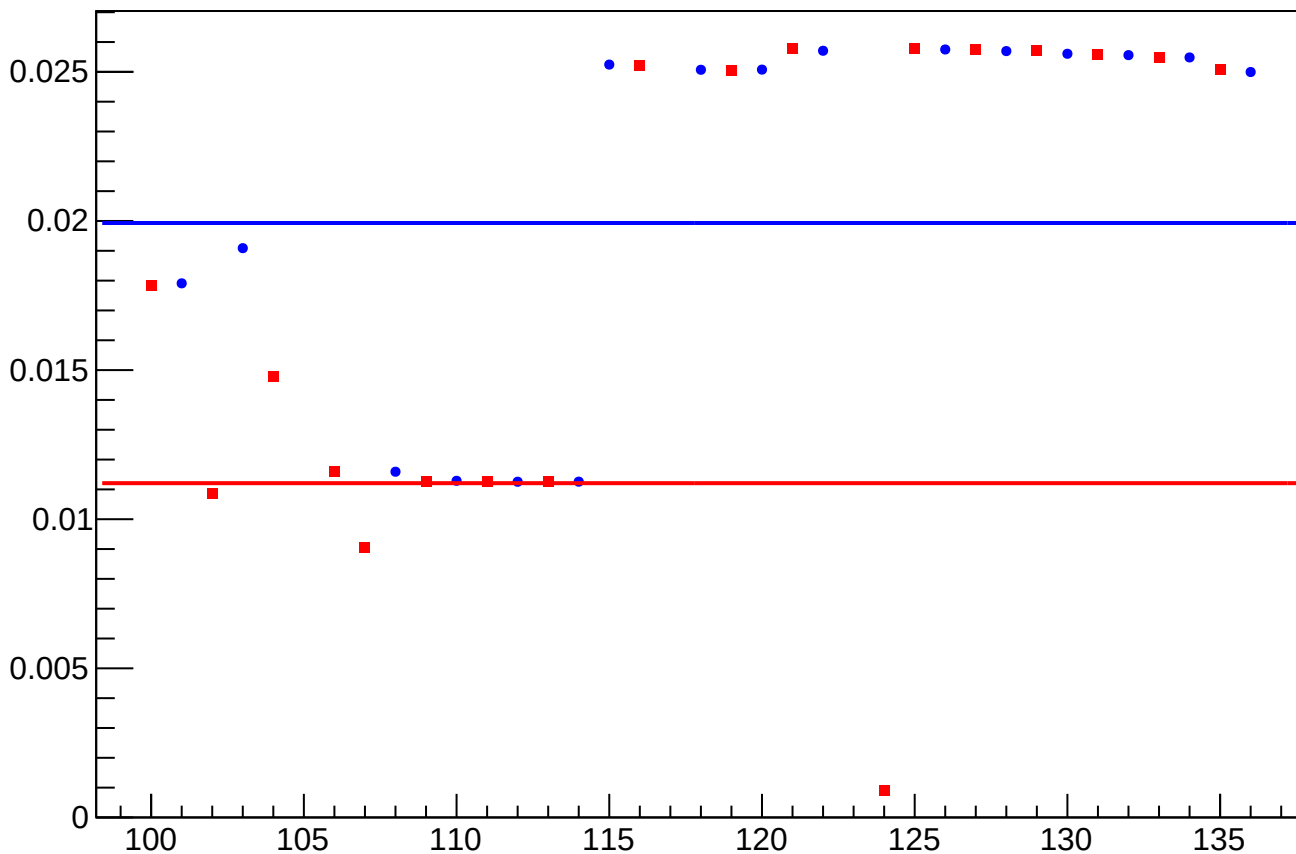
Right: 0.058+/-0.000 χ^2/NDF : 100624.4/33

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 : 100624.4/33

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 : 381256497013.3/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.020+/-0.000

χ^2/NDF : 62465154056.0/15

Right Out: 0.011+/-0.000

χ^2/NDF : 245994536632.9/17

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

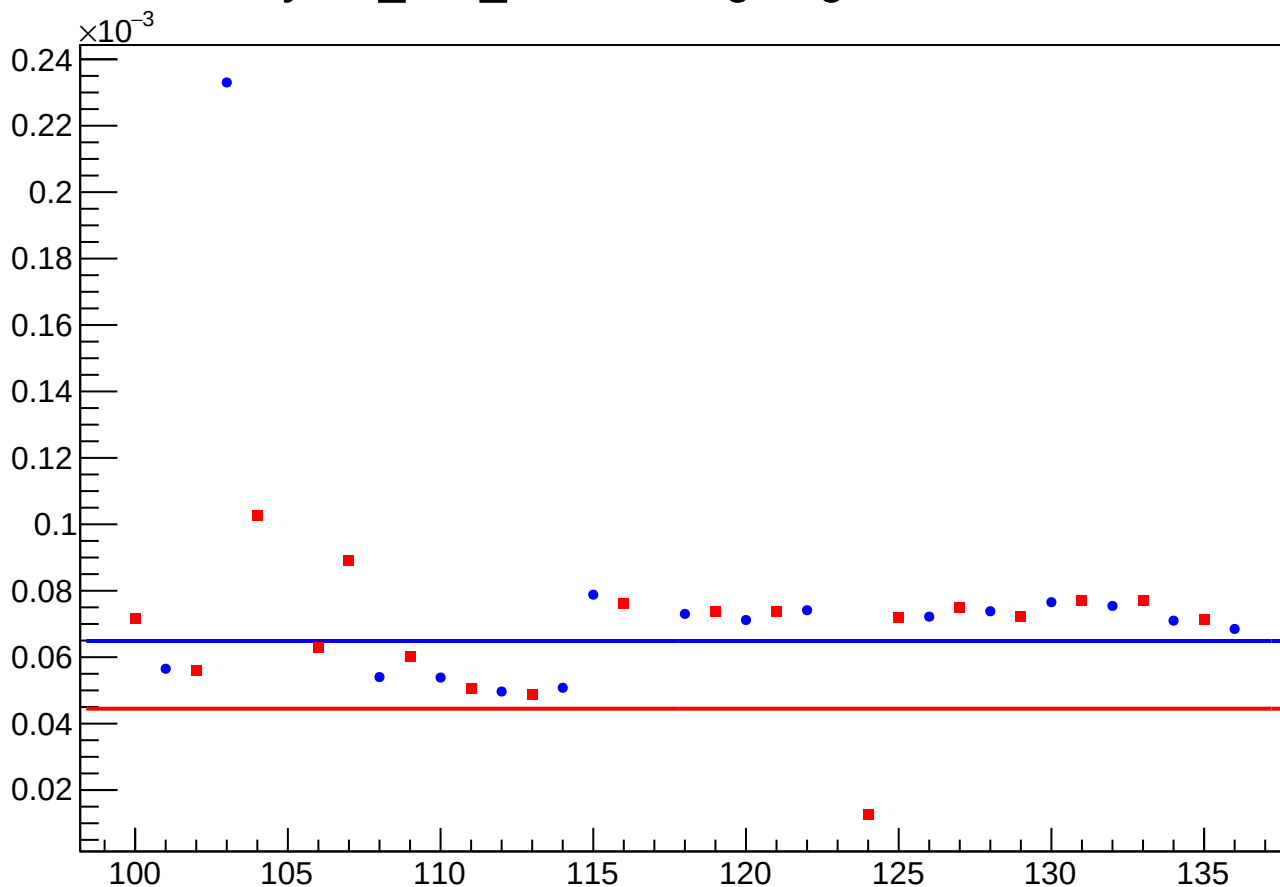
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 381256497013.3

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 : 3721483.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

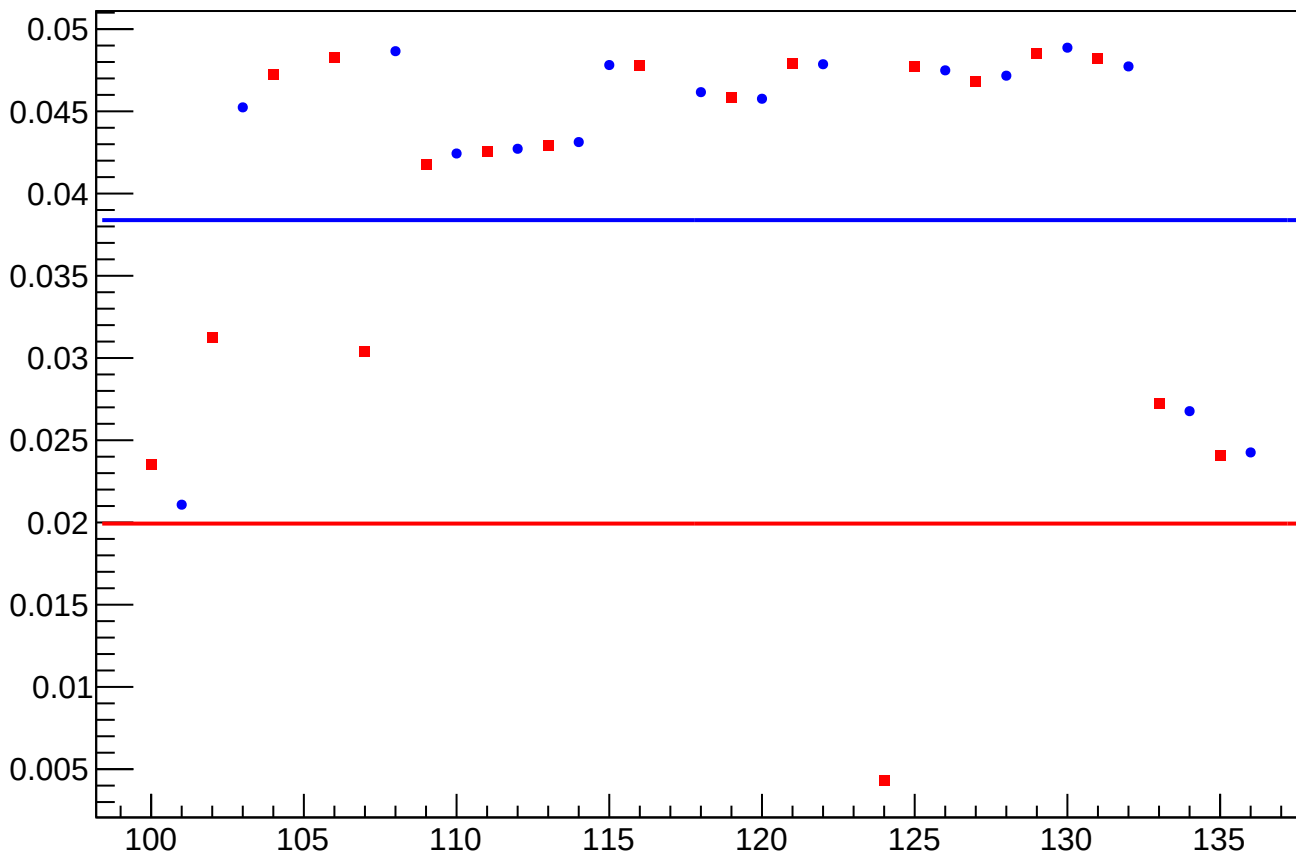
Right: 0.000+/-0.000 χ^2/NDF : 5332460.0/33

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 : 5332460.0/33

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

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.026+/-0.000

χ^2/NDF : 62671292712.9/33

Right Out: 0.020+/-0.000

χ^2/NDF : 42128905885.5/17

In: 0.038+/-0.000

χ^2/NDF : 7078619233.3/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

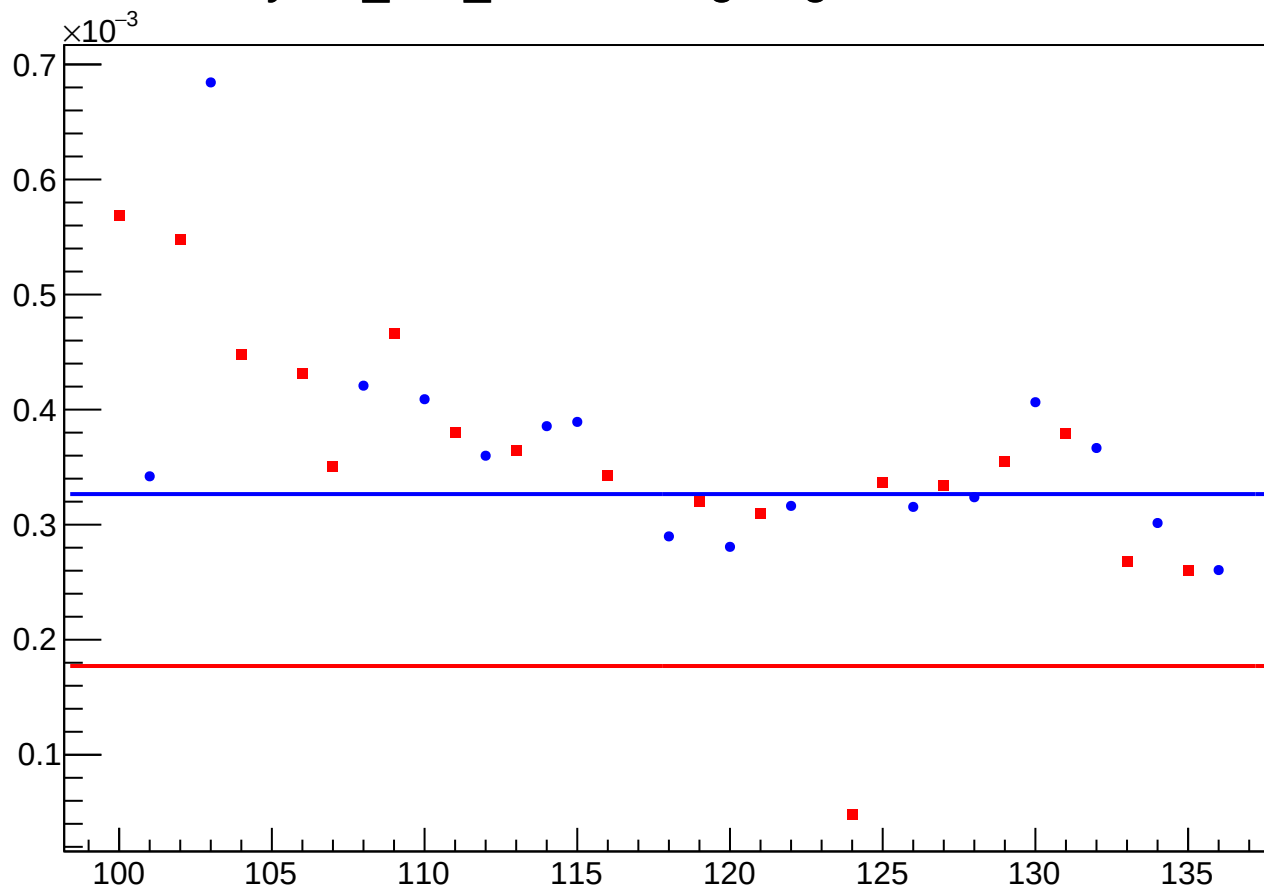
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.026+/-0.000

χ^2/NDF : 62671292712.9/33

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 : 5625828.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

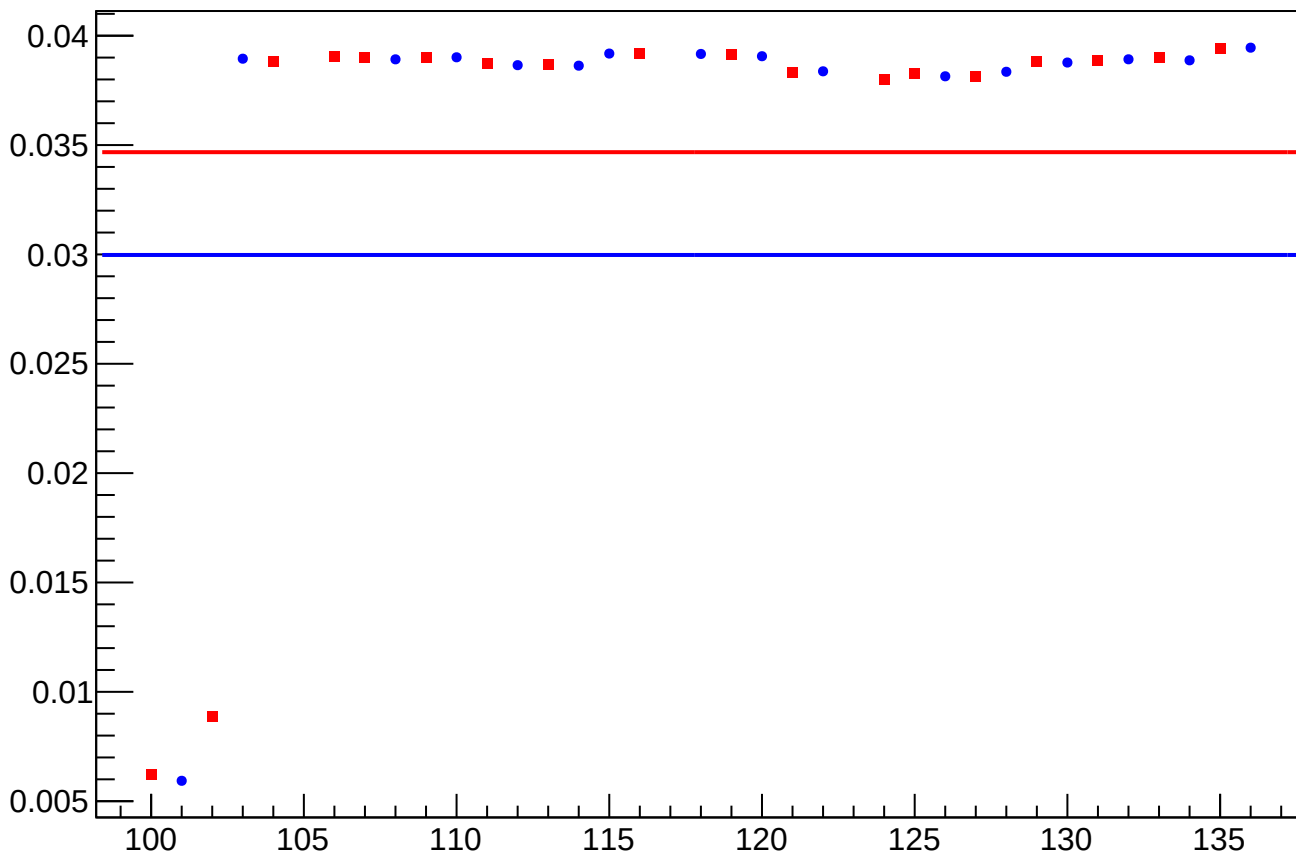
Right: 0.000+/-0.000 χ^2/NDF : 7973108.2/33

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 : 7973108.2/33

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 : 160489840461.3/33

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 : 47039277274.3/17

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

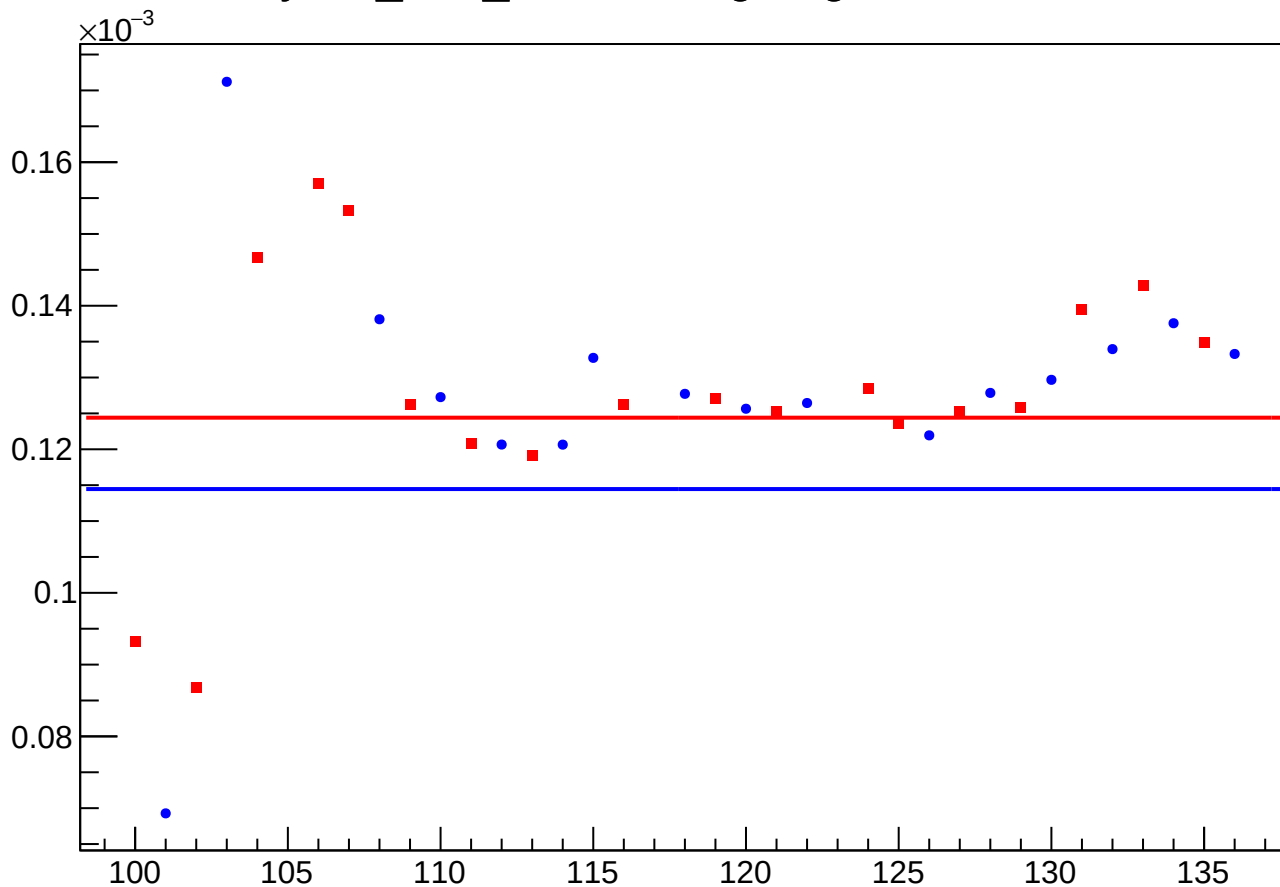
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.032+/-0.000

χ^2/NDF : 160489840461.3

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 : 257851.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

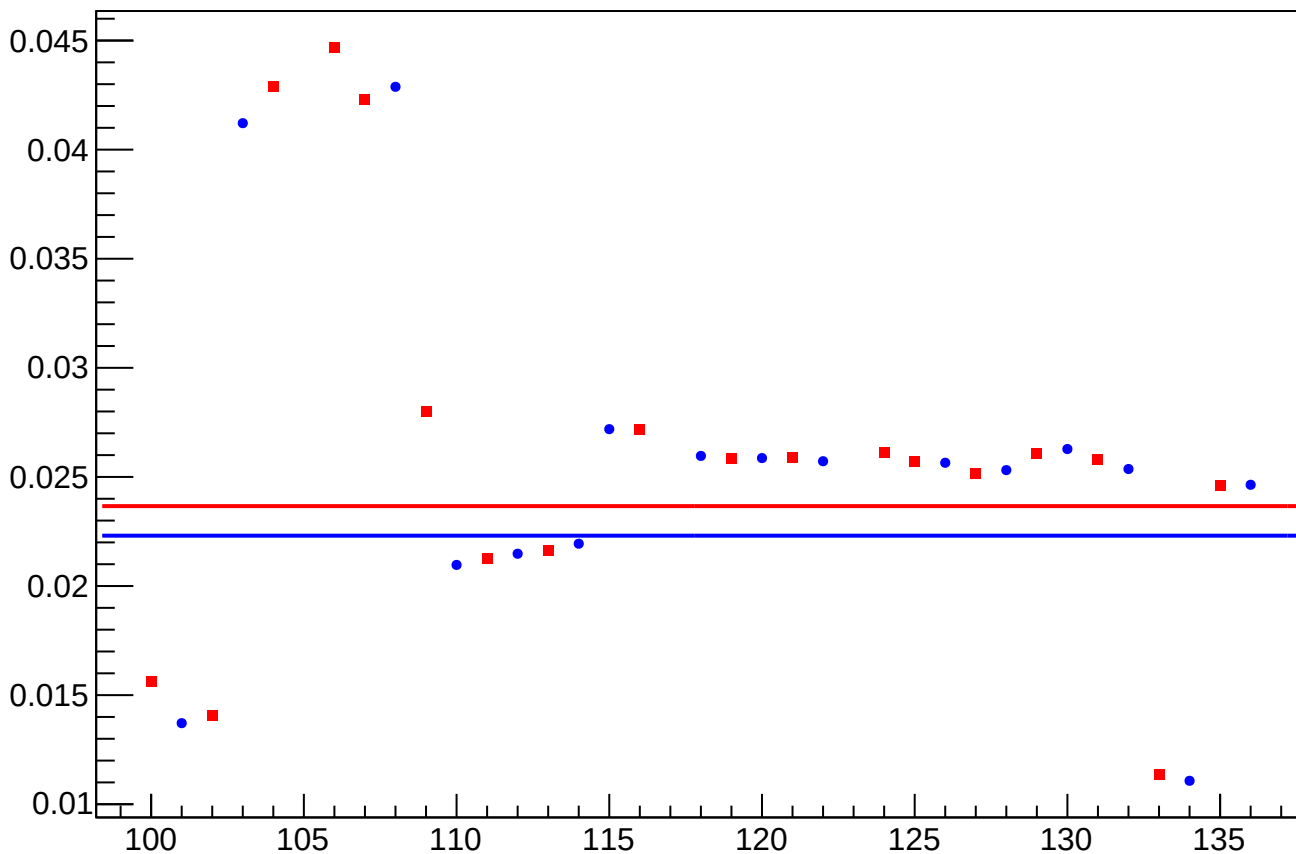
Right: 0.000+/-0.000 χ^2/NDF : 1157336.5/33

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 : 1157336.5/33

yield_atr2_mean vs Slug, Sign Corrected



Right In: 0.022+/-0.000

χ^2/NDF : 5012486114.6/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.023+/-0.000

χ^2/NDF : 10674220063.9/33

Right Out: 0.024+/-0.000

χ^2/NDF : 5577913797.0/17

In: 0.022+/-0.000

χ^2/NDF : 5012486114.6/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

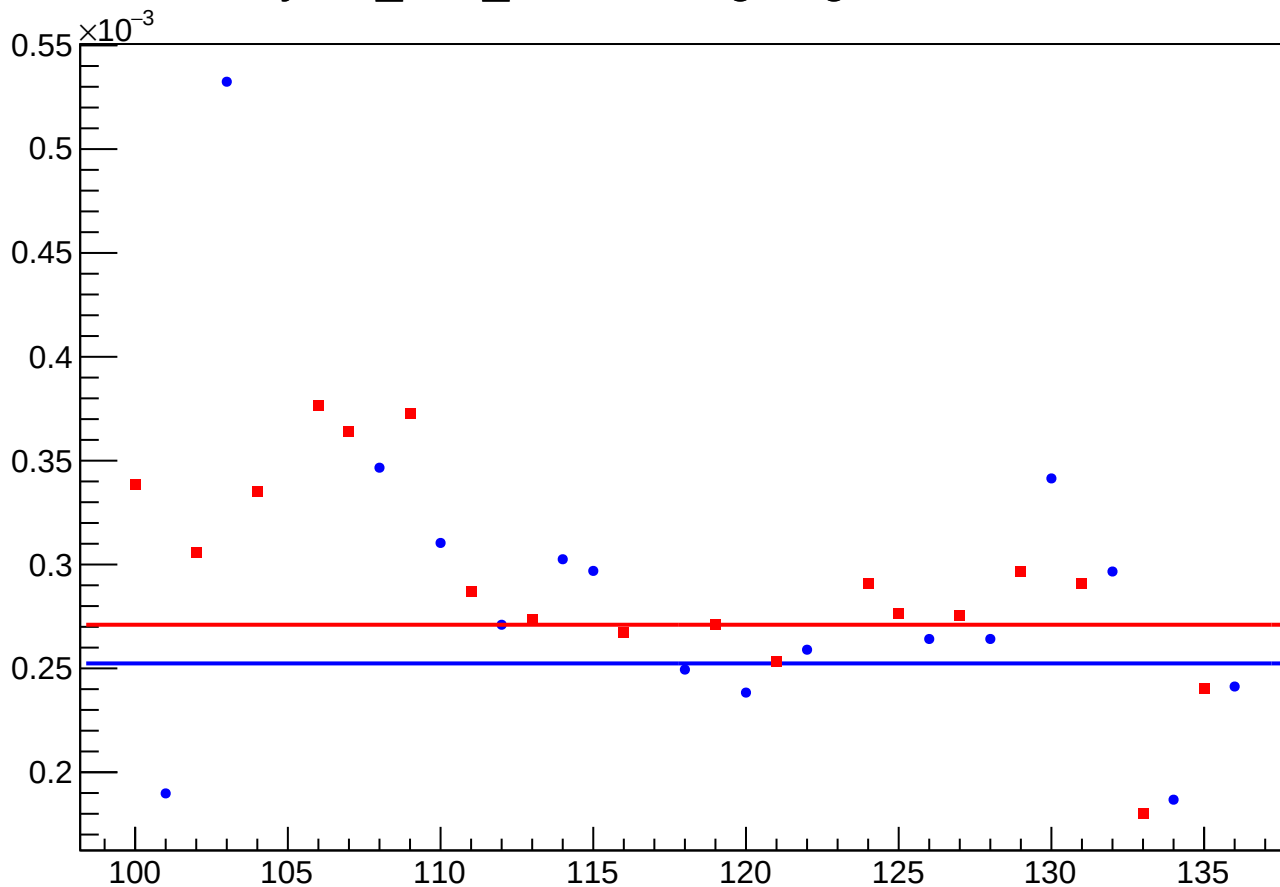
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.023+/-0.000

χ^2/NDF : 10674220063.9/33

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 : 435221.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

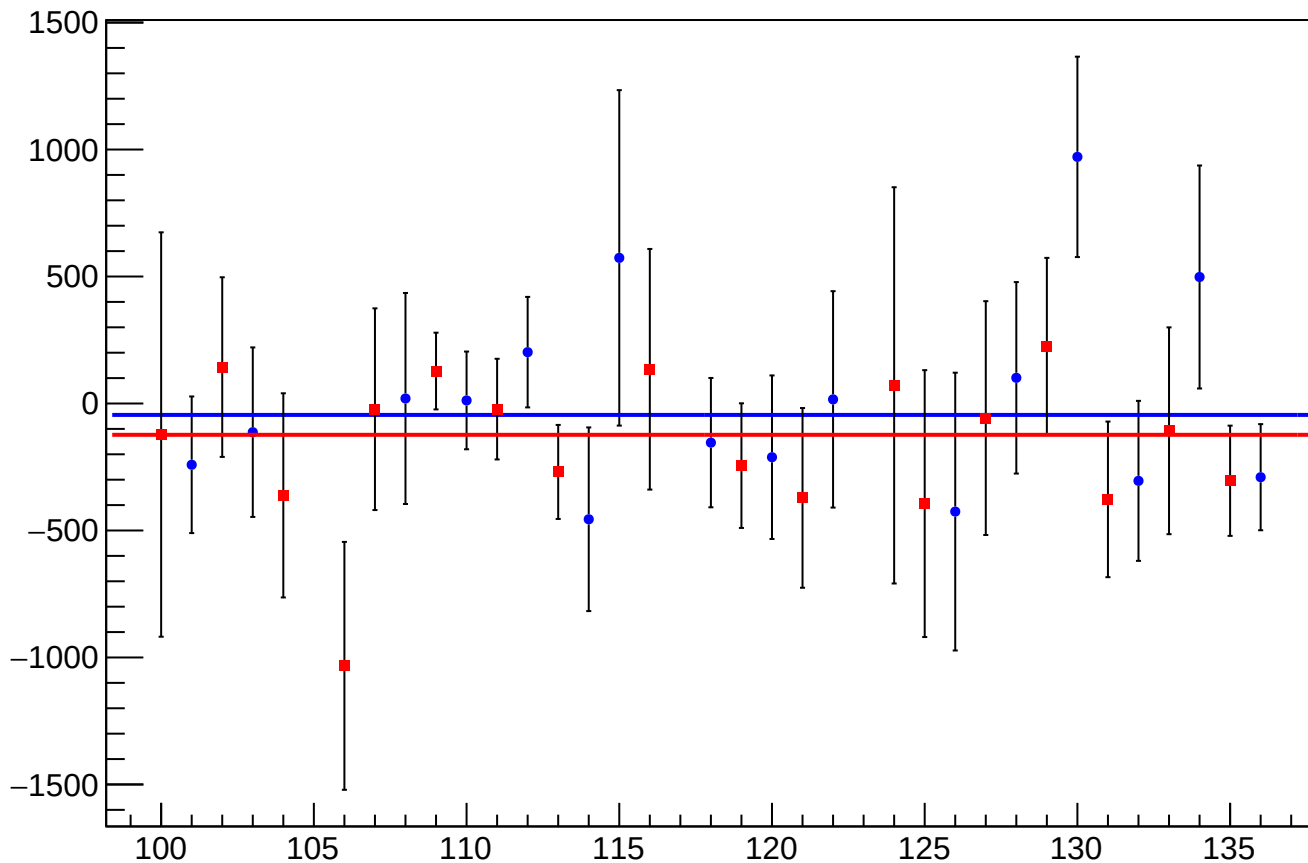
Right: 0.000+/-0.000 χ^2/NDF : 1174784.4/33

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 : 1174784.4/33

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -44.917 ± 76.198 χ^2/NDF : 15.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -123.264 ± 69.014 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

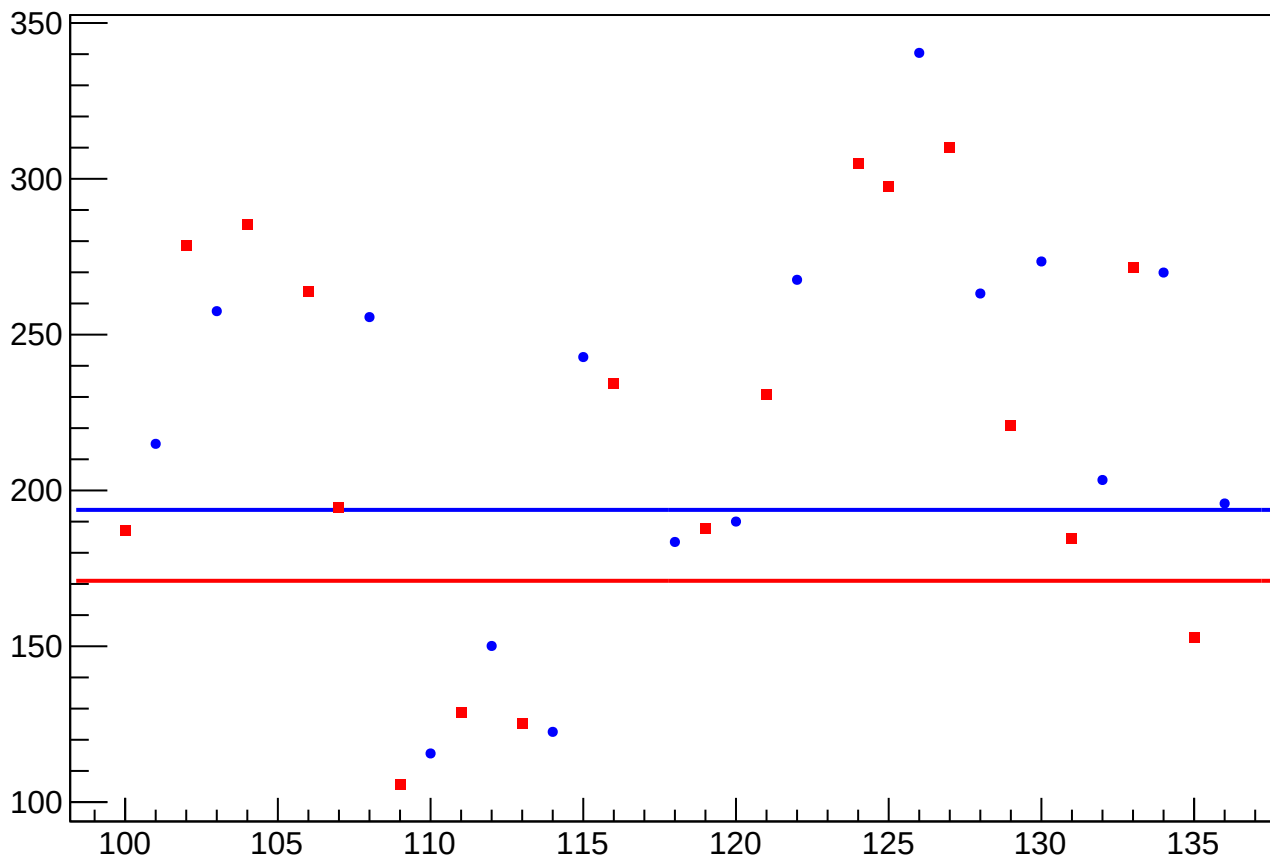
Right: -87.957 ± 51.152 χ^2/NDF : 27.9/33

In: -44.917 ± 76.198 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.957 ± 51.152 χ^2/NDF : 27.9/33

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: 171.012+/-0.049 χ^2/NDF : 1655983.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

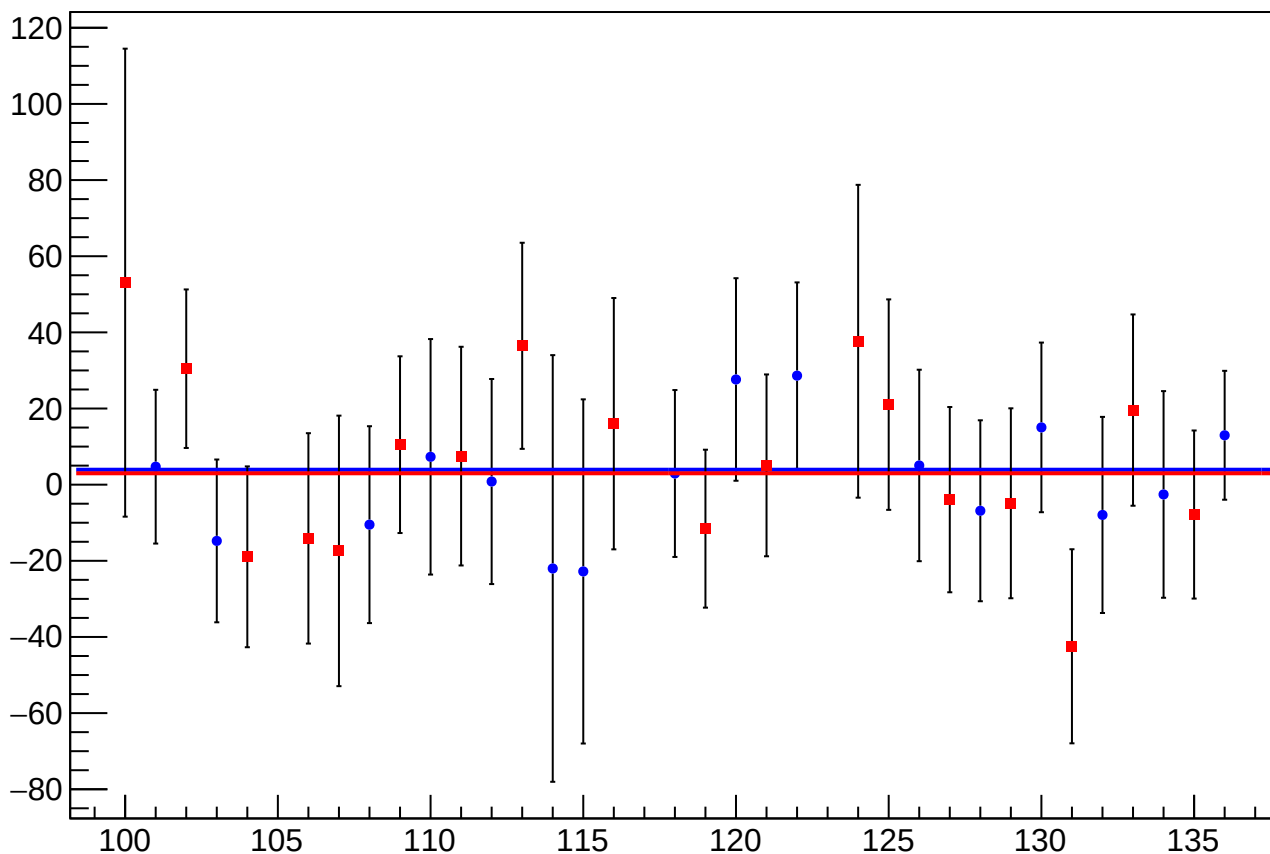
Right: 181.267+/-0.036 χ^2/NDF : 2802066.7/33

In: 193.768+/-0.054 χ^2/NDF :1048095.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.267+/-0.036 χ^2/NDF : 2802066.7/33

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: 2.989+/-6.172 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

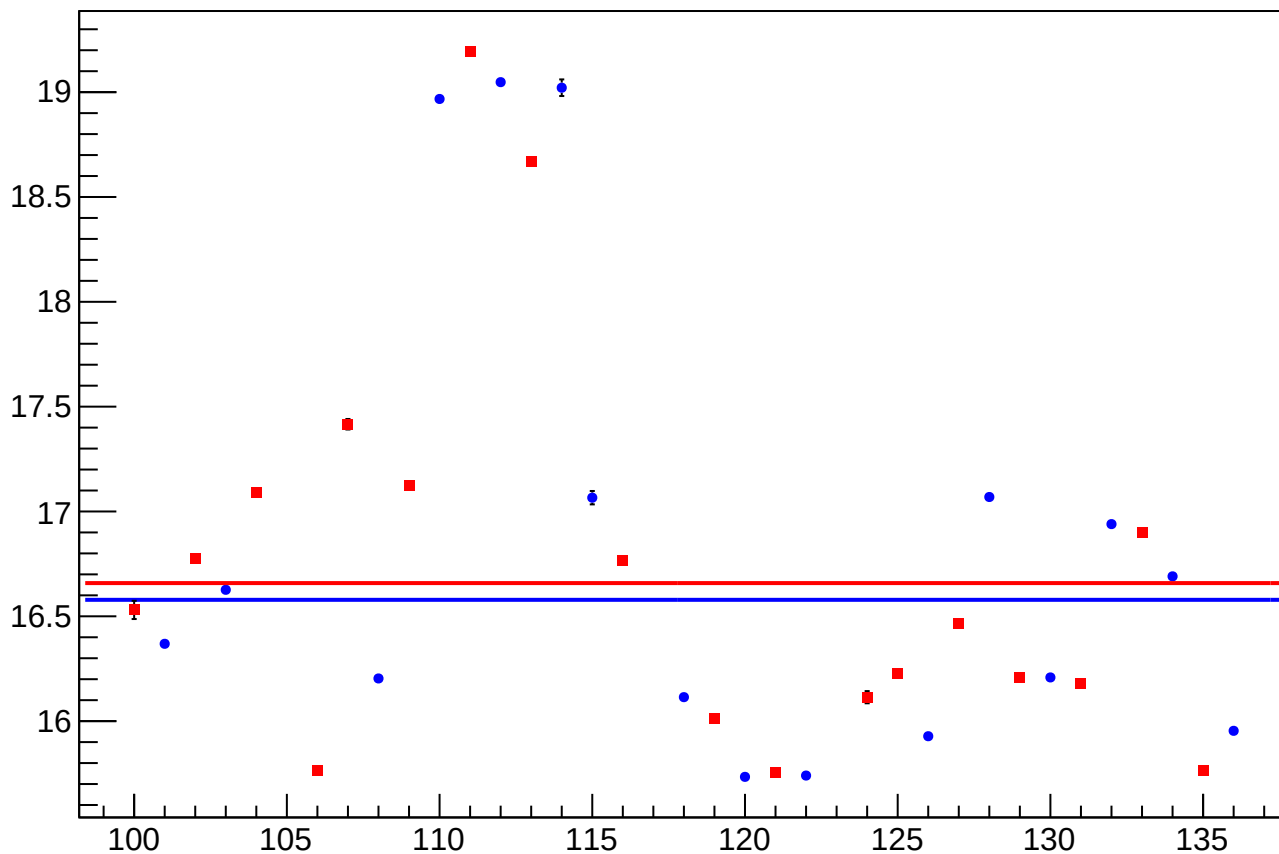
Right: 3.456+/-4.364 χ^2/NDF : 16.0/33

In: 3.923+/-6.172 χ^2/NDF : 4.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.456+/-4.364 χ^2/NDF : 16.0/33

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: 16.658+/-0.004 χ^2/NDF : 41753.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

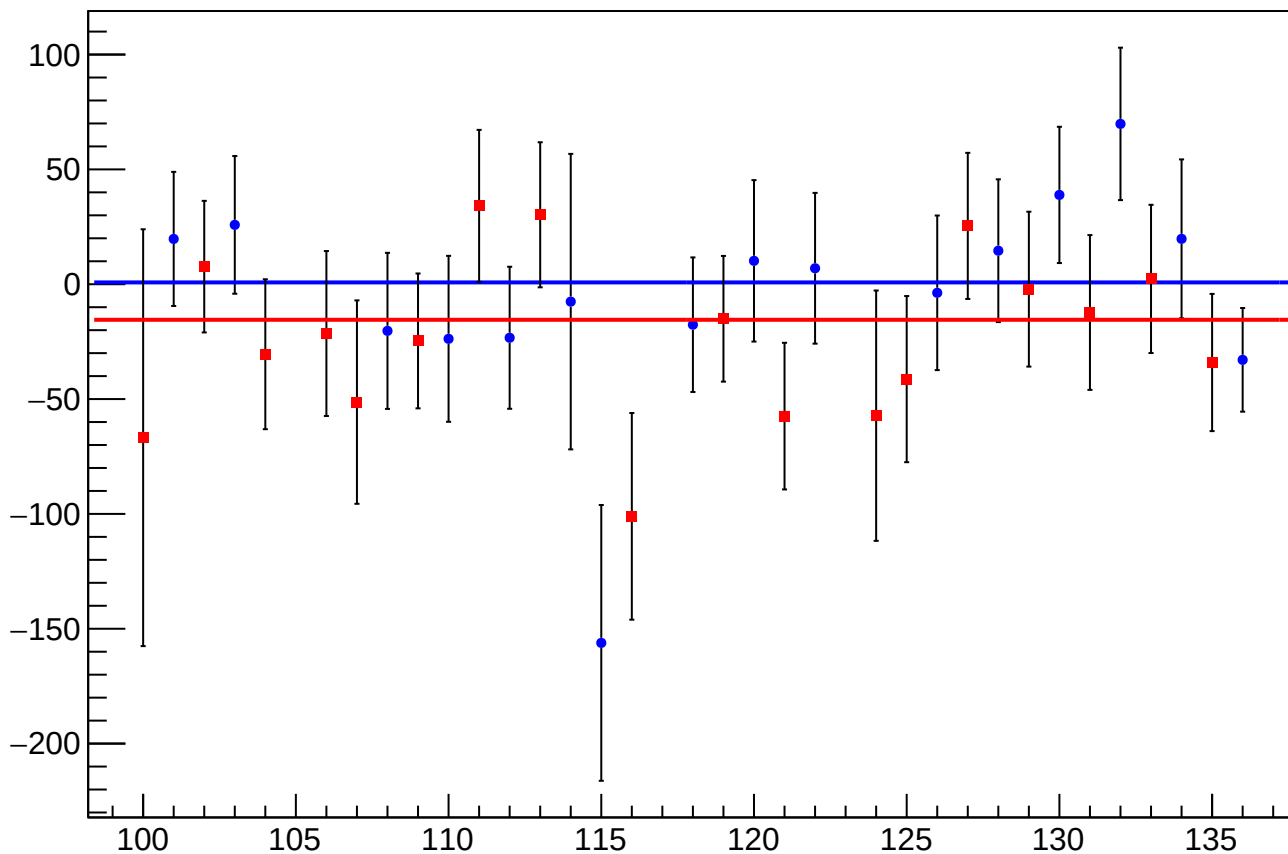
Right: 16.619+/-0.003 χ^2/NDF : 86496.5/33

In: 16.579+/-0.004 χ^2/NDF :44575.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.619+/-0.003 χ^2/NDF : 86496.5/33

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 0.790 ± 8.125 $\chi^2/\text{NDF}: 18.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -15.483 ± 8.063 $\chi^2/\text{NDF}: 15.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

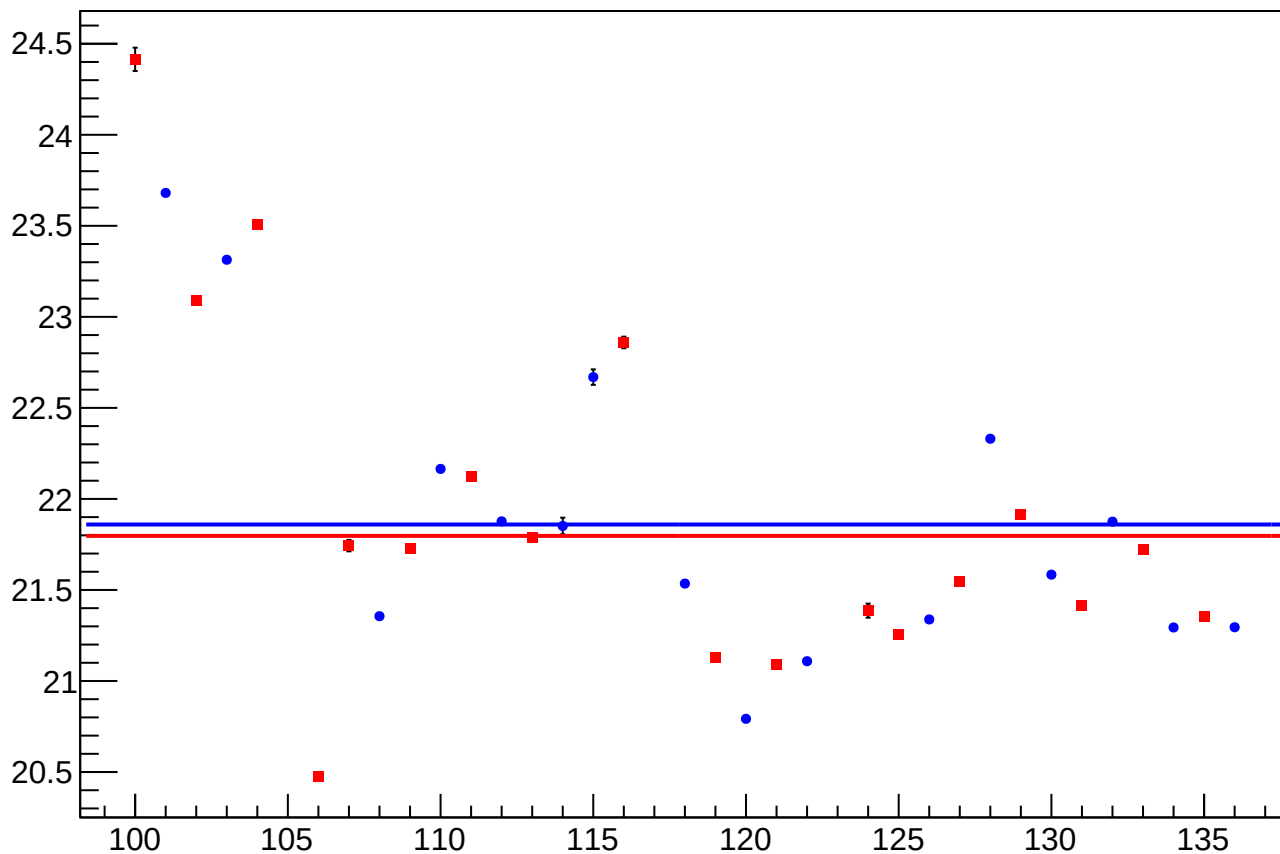
Right: -7.408 ± 5.723 $\chi^2/\text{NDF}: 35.9/33$

In: 0.790 ± 8.125 $\chi^2/\text{NDF}: 18.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -7.408 ± 5.723 $\chi^2/\text{NDF}: 35.9/33$

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug, Sign Corrected



Right In: 21.860+/-0.006 χ^2/NDF : 19468.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.797+/-0.006 χ^2/NDF : 18860.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

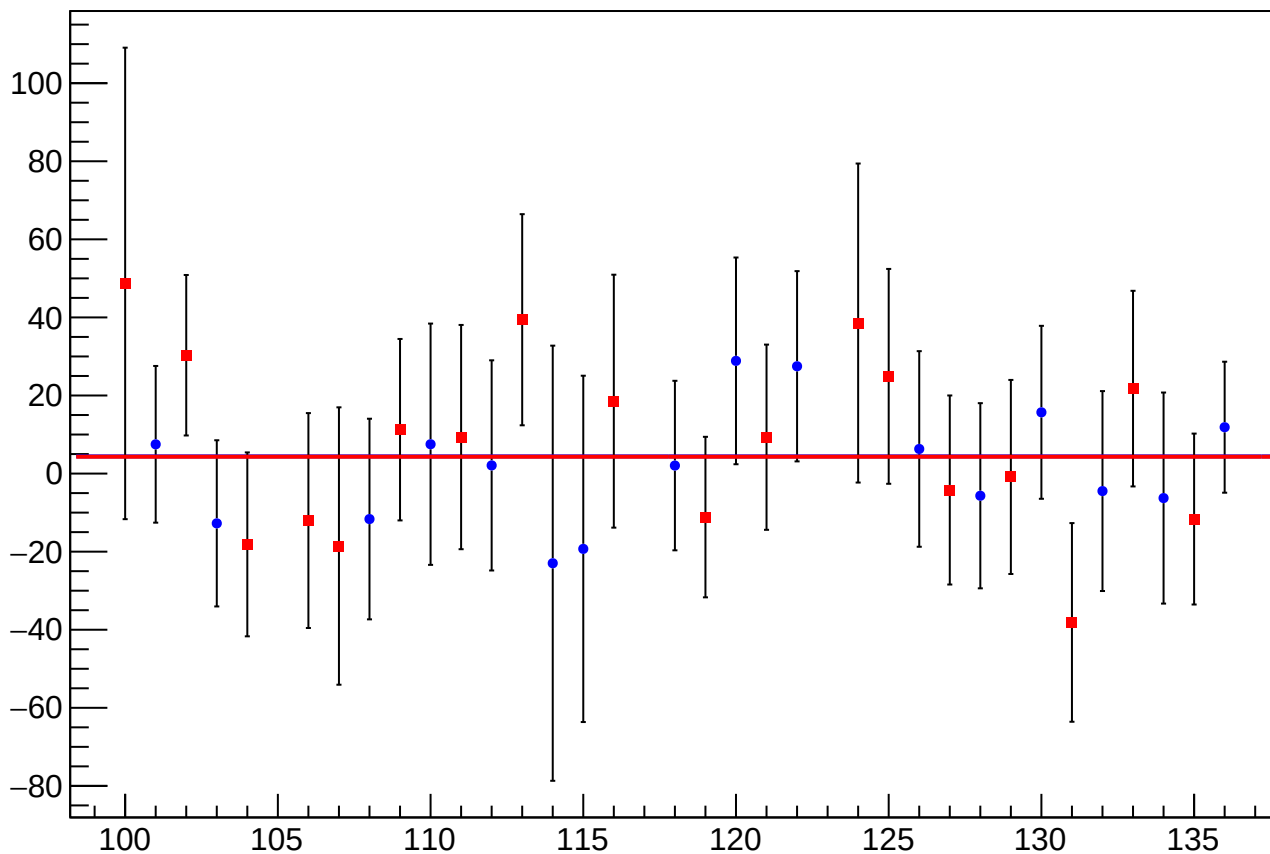
Right: 21.828+/-0.004 χ^2/NDF : 38388.5/33

In: 21.860+/-0.006 χ^2/NDF : 19468.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.828+/-0.004 χ^2/NDF : 38388.5/33

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: 4.404 $\pm$ 6.137 χ^2 /NDF: 4.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.316 $\pm$ 6.137 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

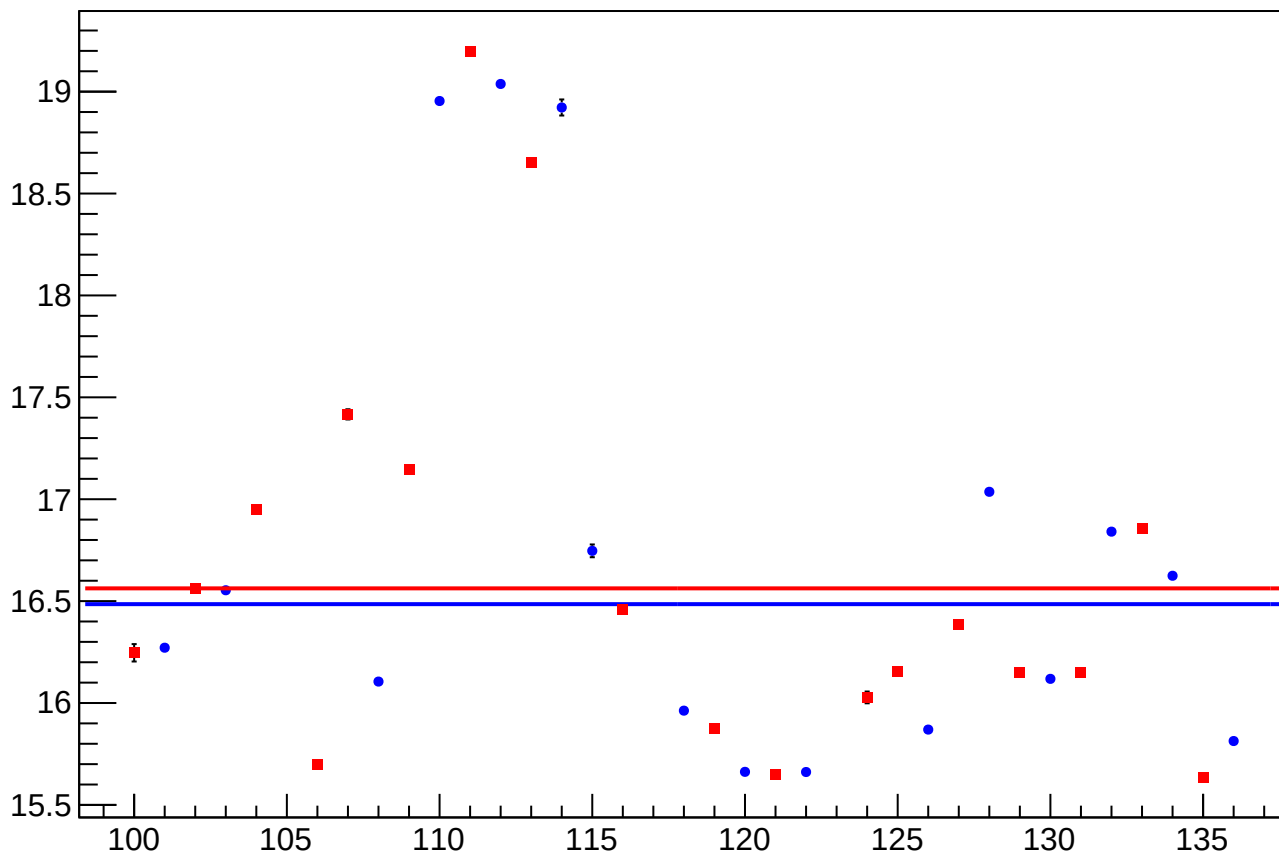
Right: 4.360 $\pm$ 4.340 χ^2 /NDF: 15.9/33

In: 4.404 $\pm$ 6.137 χ^2 /NDF:4.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.360 $\pm$ 4.340 χ^2 /NDF: 15.9/33

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: 16.563+/-0.004 χ^2/NDF : 44776.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

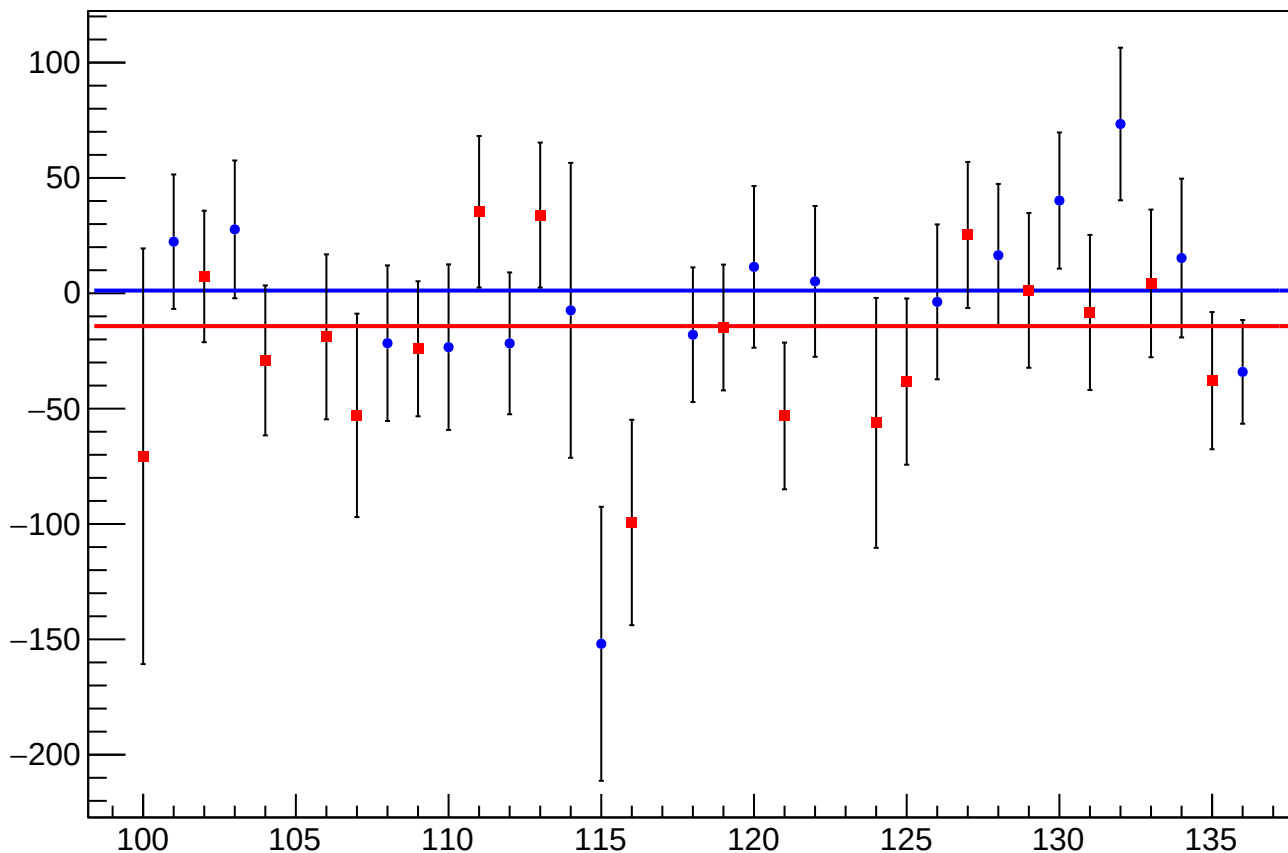
Right: 16.524+/-0.003 χ^2/NDF : 92122.0/33

In: 16.485+/-0.004 χ^2/NDF :47186.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.524+/-0.003 χ^2/NDF : 92122.0/33

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug, Sign Corrected



Right In: 1.185 ± 8.088 $\chi^2/\text{NDF}: 19.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -14.240 ± 8.023 $\chi^2/\text{NDF}: 15.7/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

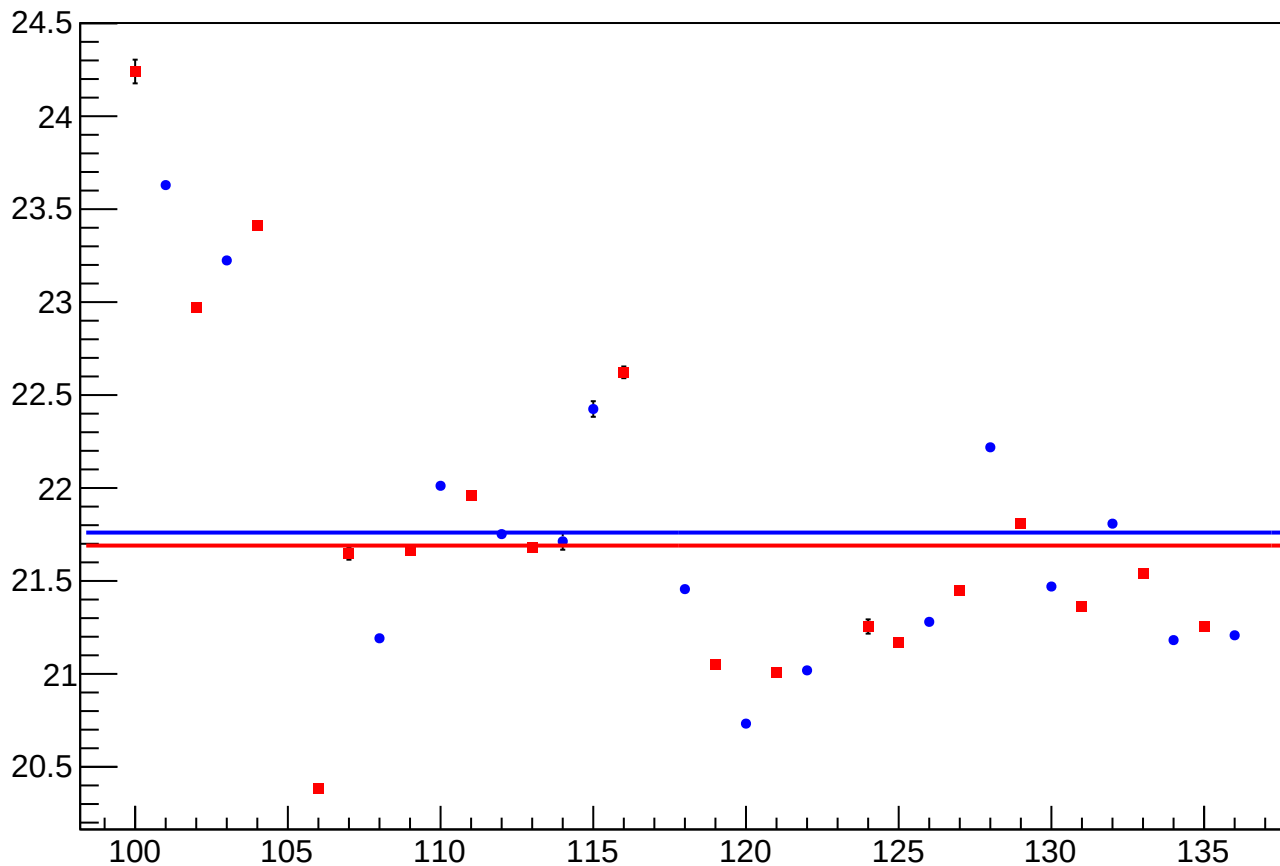
Right: -6.589 ± 5.696 $\chi^2/\text{NDF}: 36.9/33$

In: 1.185 ± 8.088 $\chi^2/\text{NDF}: 19.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -6.589 ± 5.696 $\chi^2/\text{NDF}: 36.9/33$

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: 21.690+/-0.006 χ^2/NDF : 18328.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

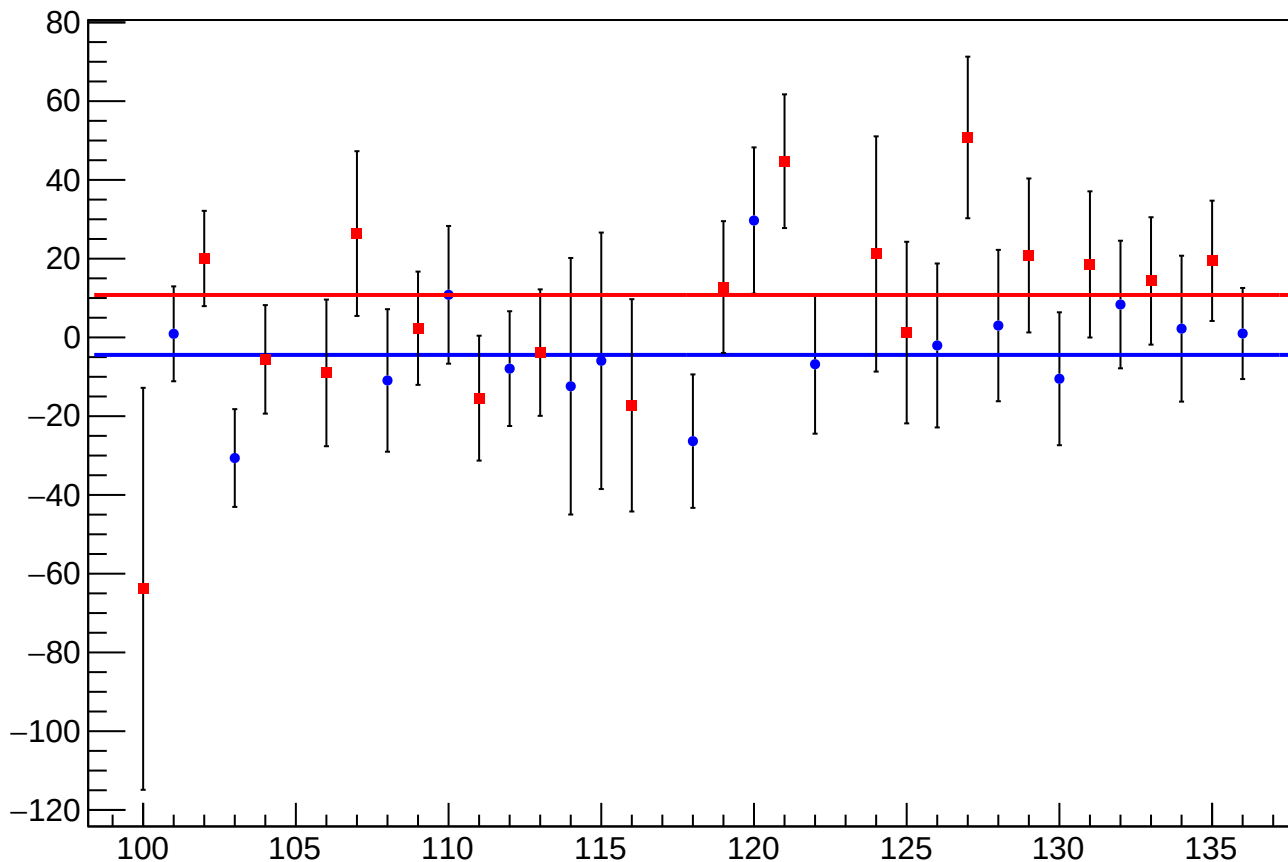
Right: 21.725+/-0.004 χ^2/NDF : 38149.9/33

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 : 38149.9/33

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: 10.781+/-4.161 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

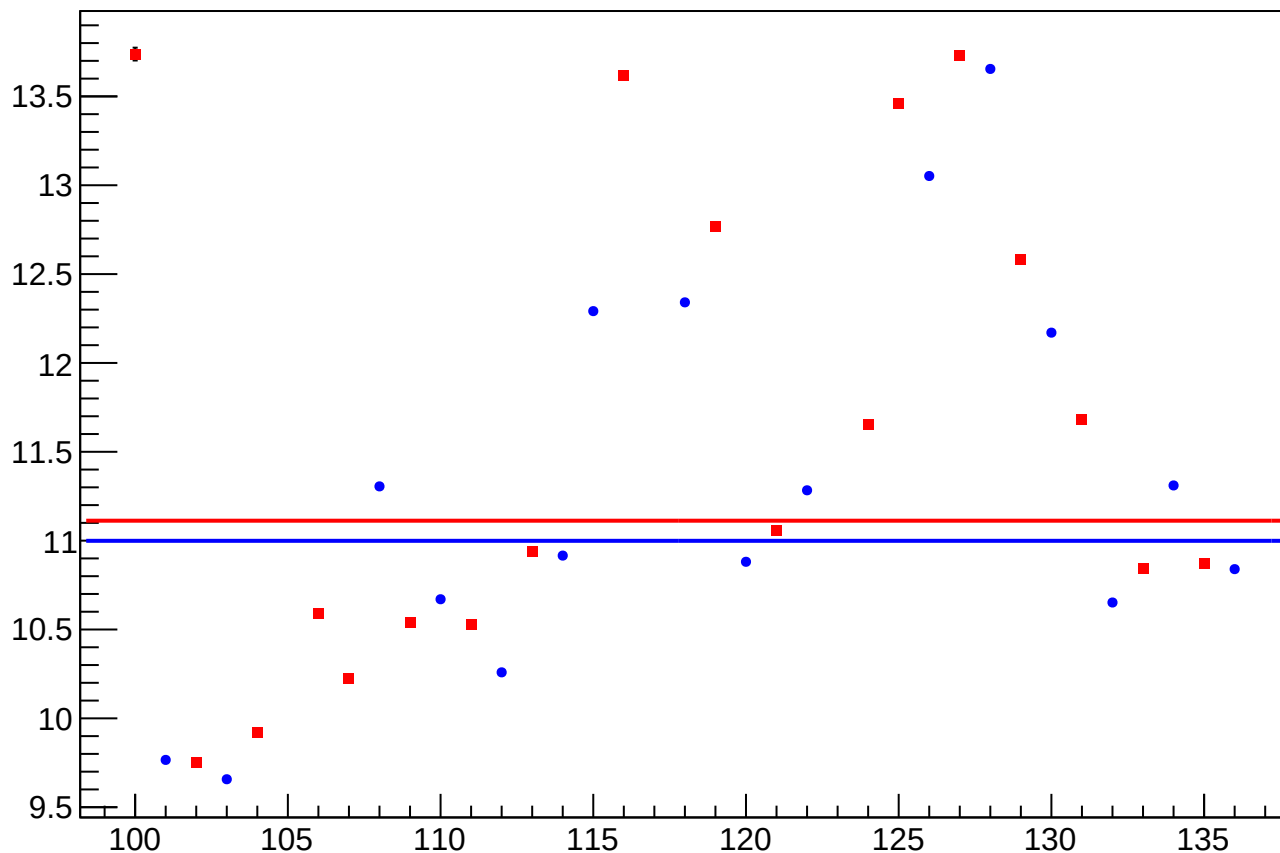
Right: 3.116+/-2.931 χ^2/NDF : 38.4/33

In: -4.440+/-4.131 χ^2/NDF : 12.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.116+/-2.931 χ^2/NDF : 38.4/33

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: 11.112+/-0.003 χ^2/NDF : 161889.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

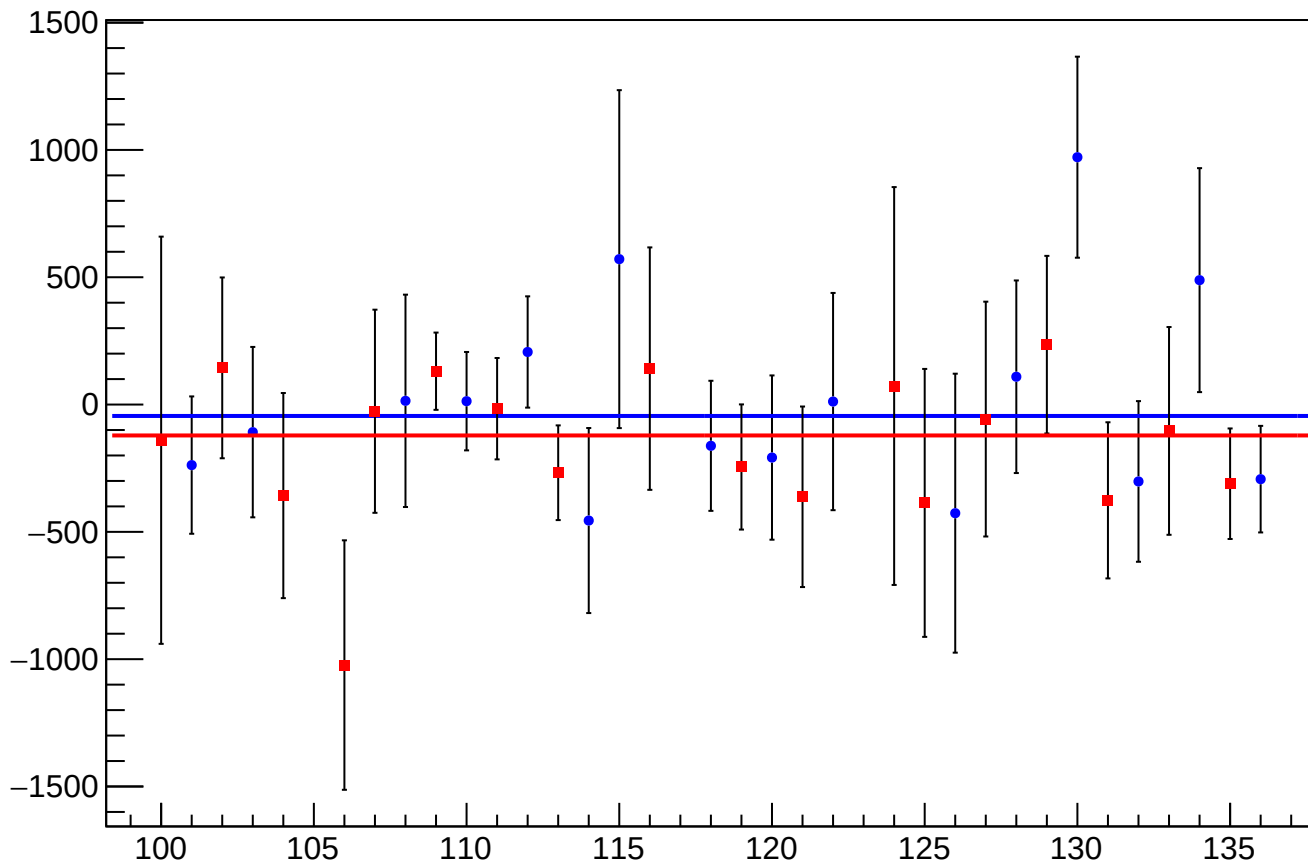
Right: 11.055+/-0.002 χ^2/NDF : 298795.0/33

In: 10.999+/-0.003 χ^2/NDF : 136159.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.055+/-0.002 χ^2/NDF : 298795.0/33

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: -121.352 $\pm$ 69.227 χ^2 /NDF: 11.9/17

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

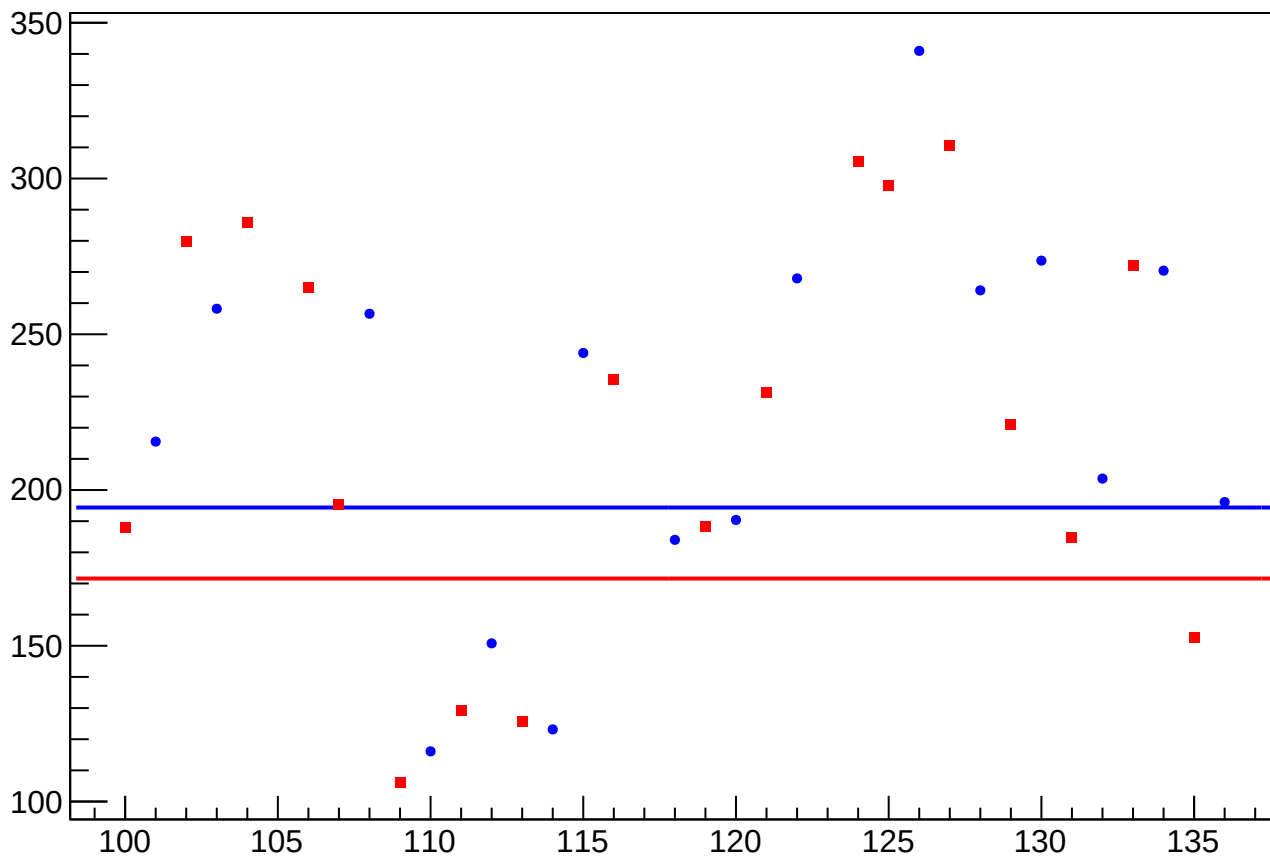
Right: -86.848 $\pm$ 51.307 χ^2 /NDF: 27.8/33

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: -86.848 $\pm$ 51.307 χ^2 /NDF: 27.8/33

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: 171.585+/-0.049 χ^2/NDF : 1649333.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

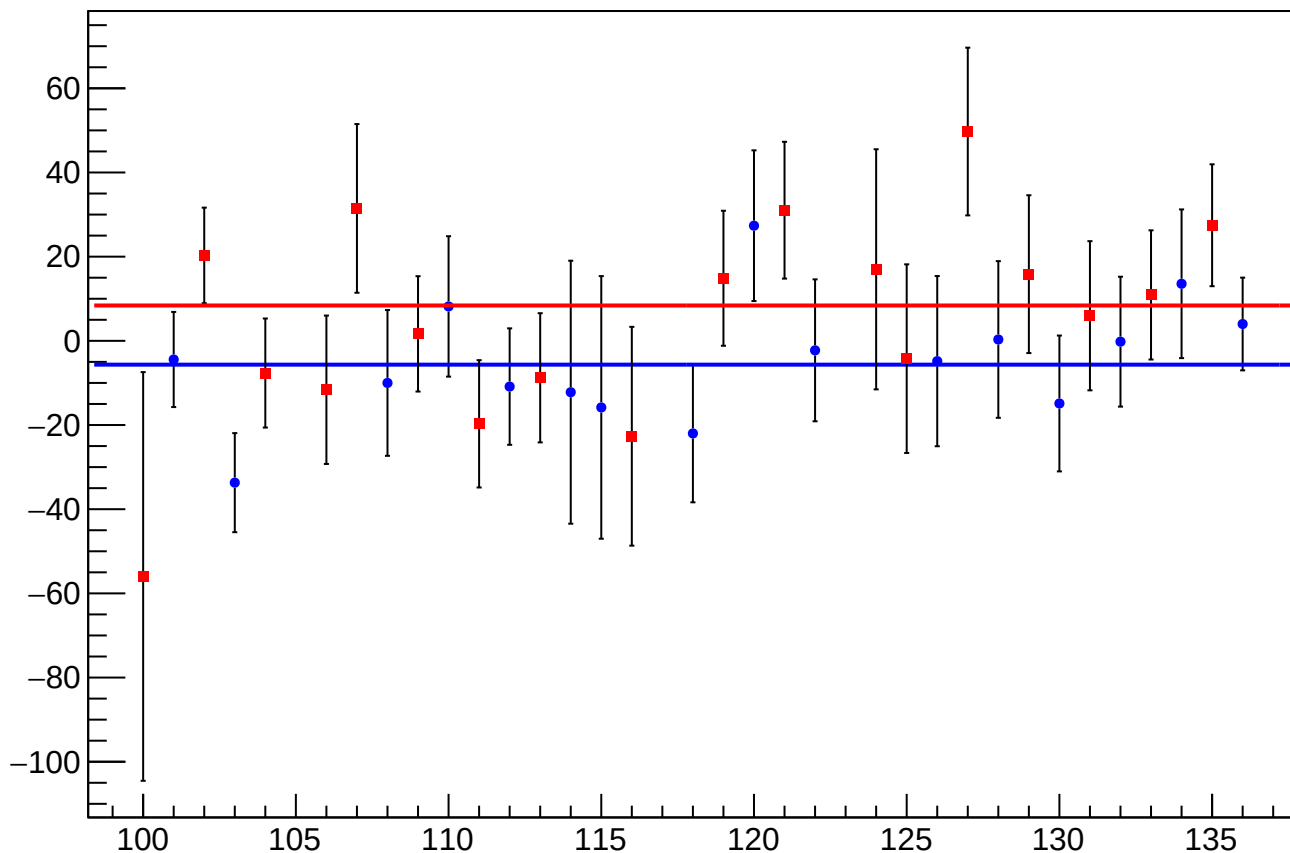
Right: 181.861+/-0.036 χ^2/NDF : 2789137.1/33

In: 194.385+/-0.054 χ^2/NDF :1042024.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.861+/-0.036 χ^2/NDF : 2789137.1/33

asym_bcm_an_us_bcm_an_ds3_agg_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: 8.402+/-3.961 χ^2/NDF : 22.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

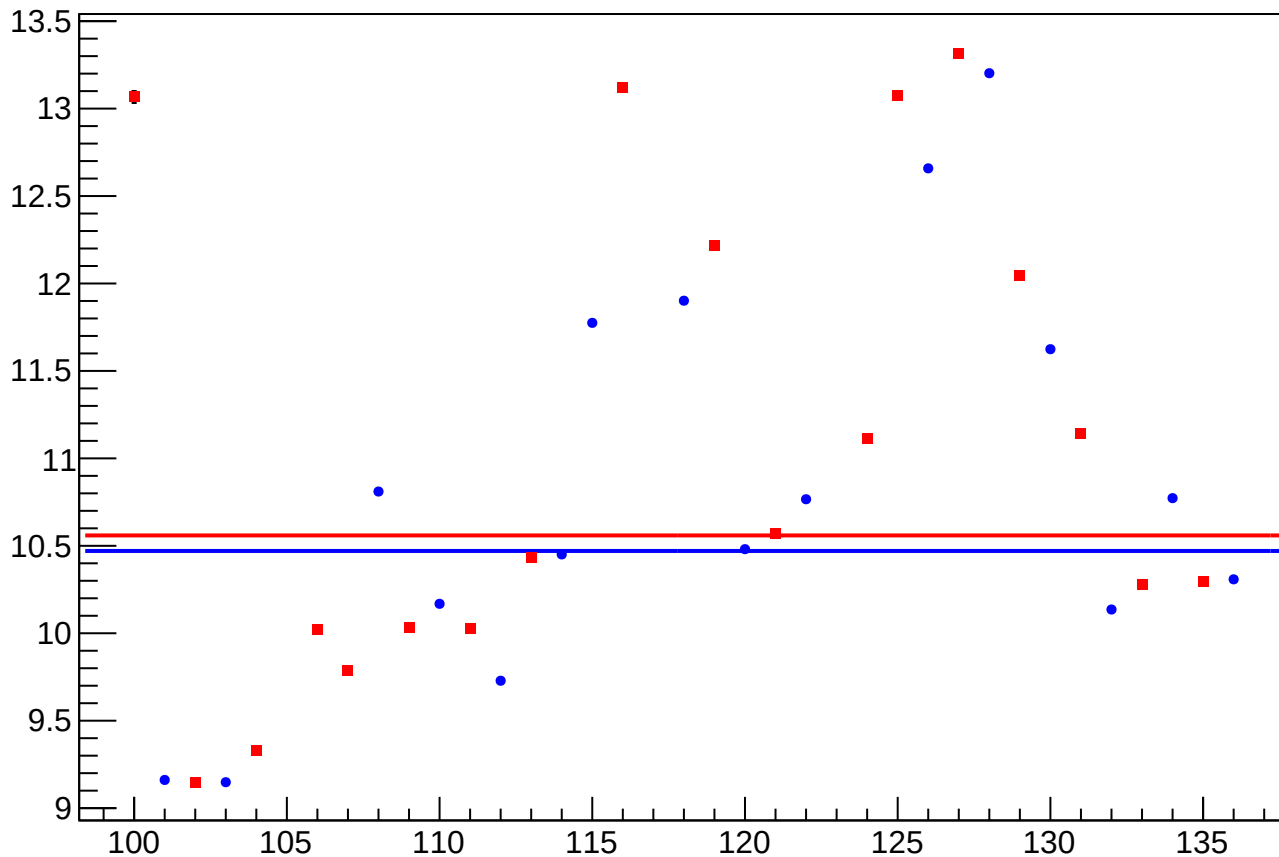
Right: 1.333+/-2.793 χ^2/NDF : 42.1/33

In: -5.657+/-3.939 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.333+/-2.793 χ^2/NDF : 42.1/33

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: 10.559+/-0.003 χ^2/NDF : 185833.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

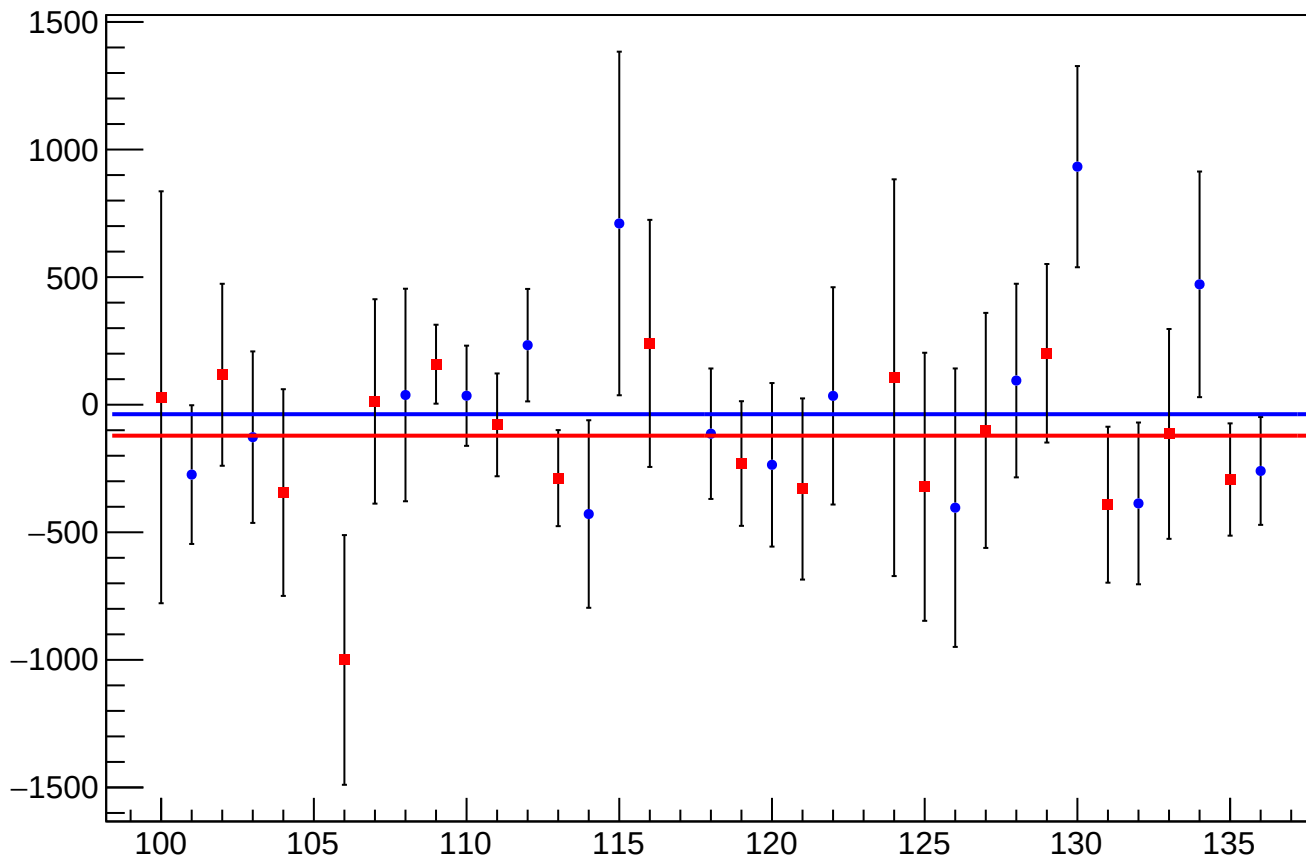
Right: 10.515+/-0.002 χ^2/NDF : 343703.5/33

In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.515+/-0.002 χ^2/NDF : 343703.5/33

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: -121.342+/-69.849 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

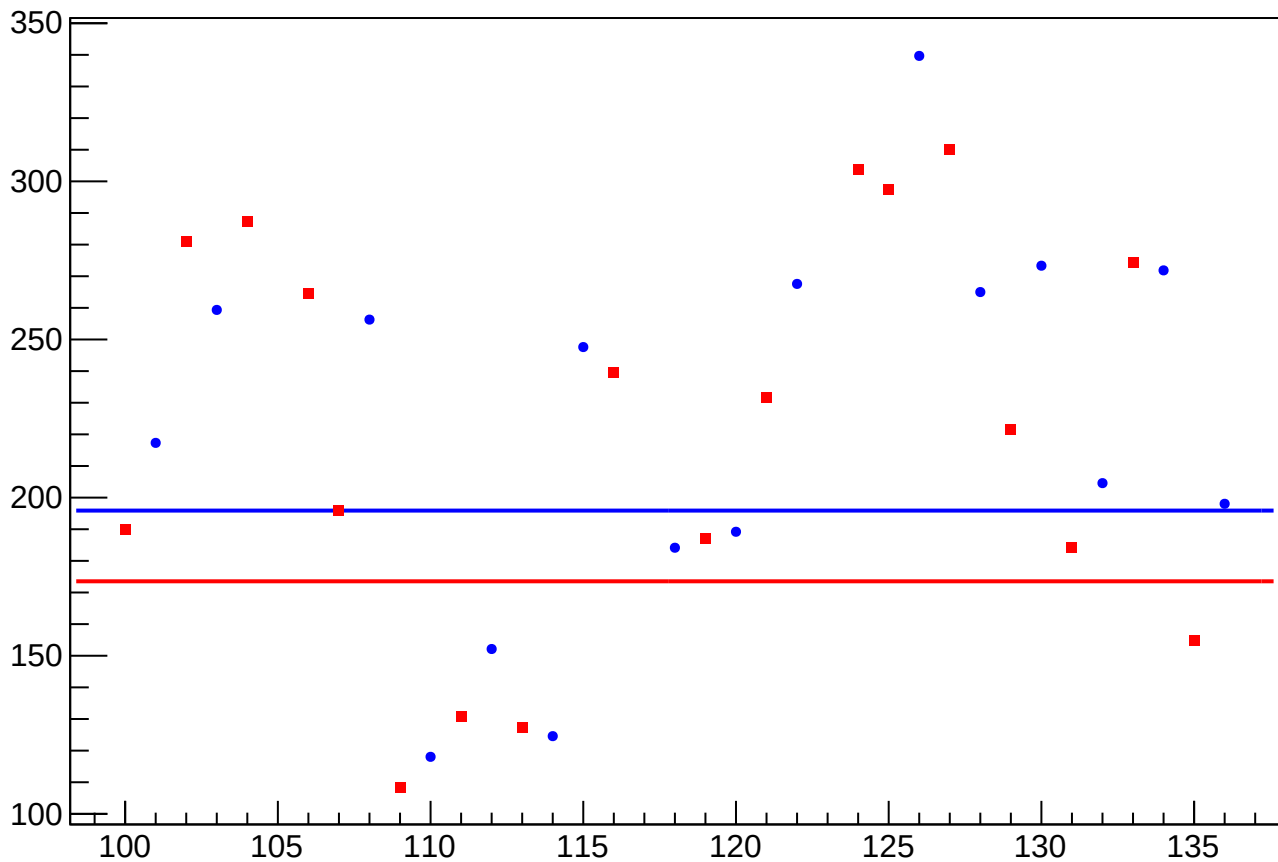
Right: -83.332+/-51.709 χ^2/NDF : 28.1/33

In: -37.241+/-76.915 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -83.332+/-51.709 χ^2/NDF : 28.1/33

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug, Sign Corrected



Right In: 195.900 $\pm$ 0.054 χ^2 /NDF: 1011012.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 173.539 $\pm$ 0.049 χ^2 /NDF: 1597641.1/17

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

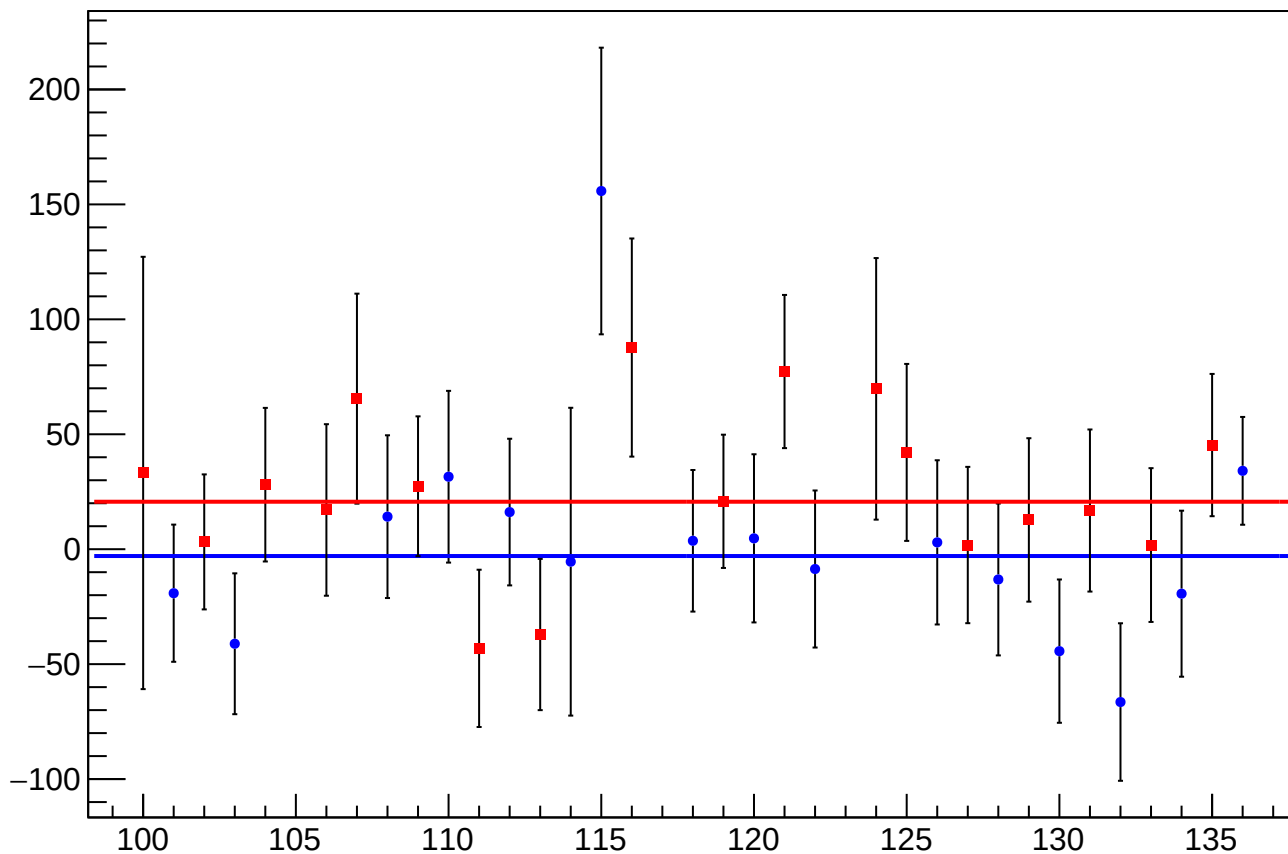
Right: 183.645 $\pm$ 0.037 χ^2 /NDF: 2701291.2/33

In: 195.900 $\pm$ 0.054 χ^2 /NDF:1011012.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 183.645 $\pm$ 0.037 χ^2 /NDF: 2701291.2/33

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: 20.654+/-8.409 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

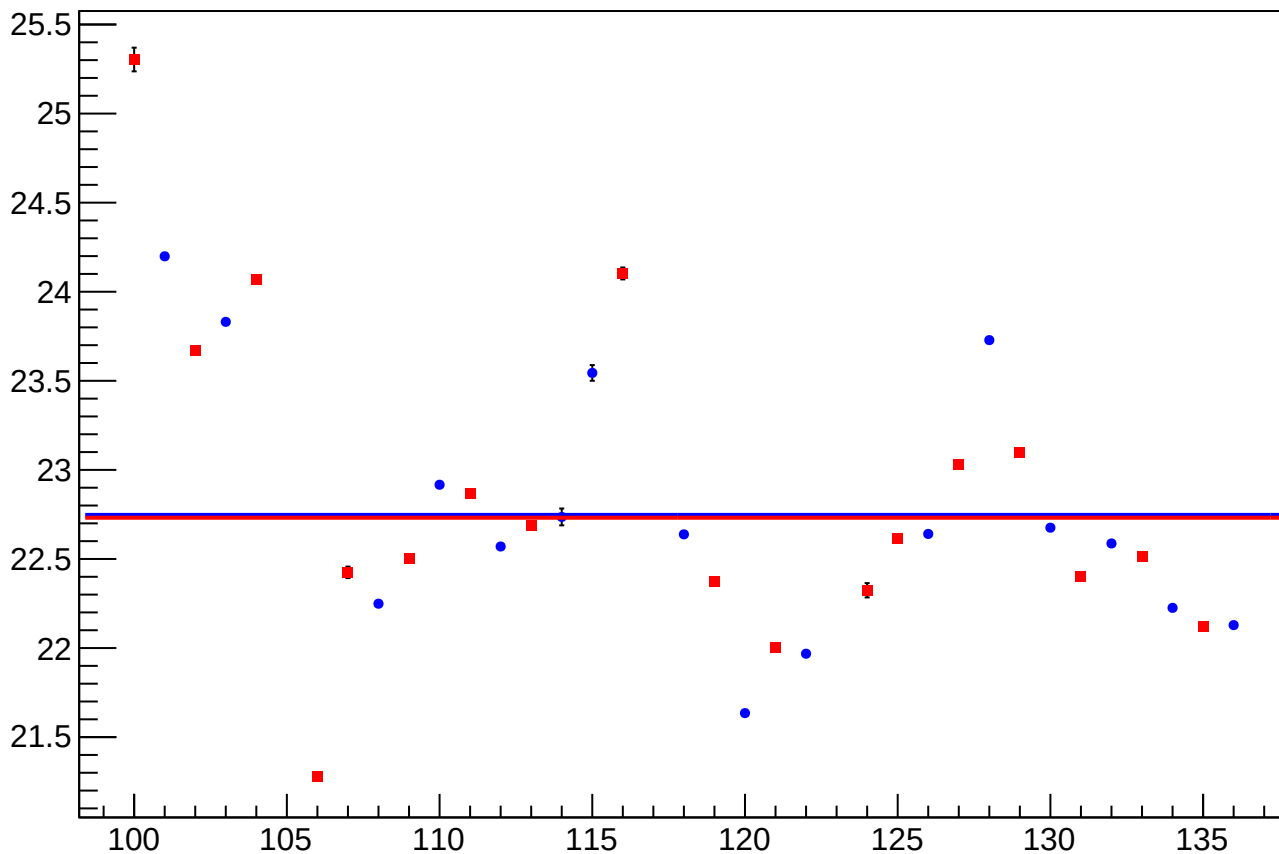
Right: 8.907+/-5.962 χ^2/NDF : 37.1/33

In: -2.967+/-8.454 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.907+/-5.962 χ^2/NDF : 37.1/33

asym_bcm_dg_us_bcm_an_ds_agg_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: 22.731 $\pm$ 0.006 χ^2 /NDF: 14437.9/17

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

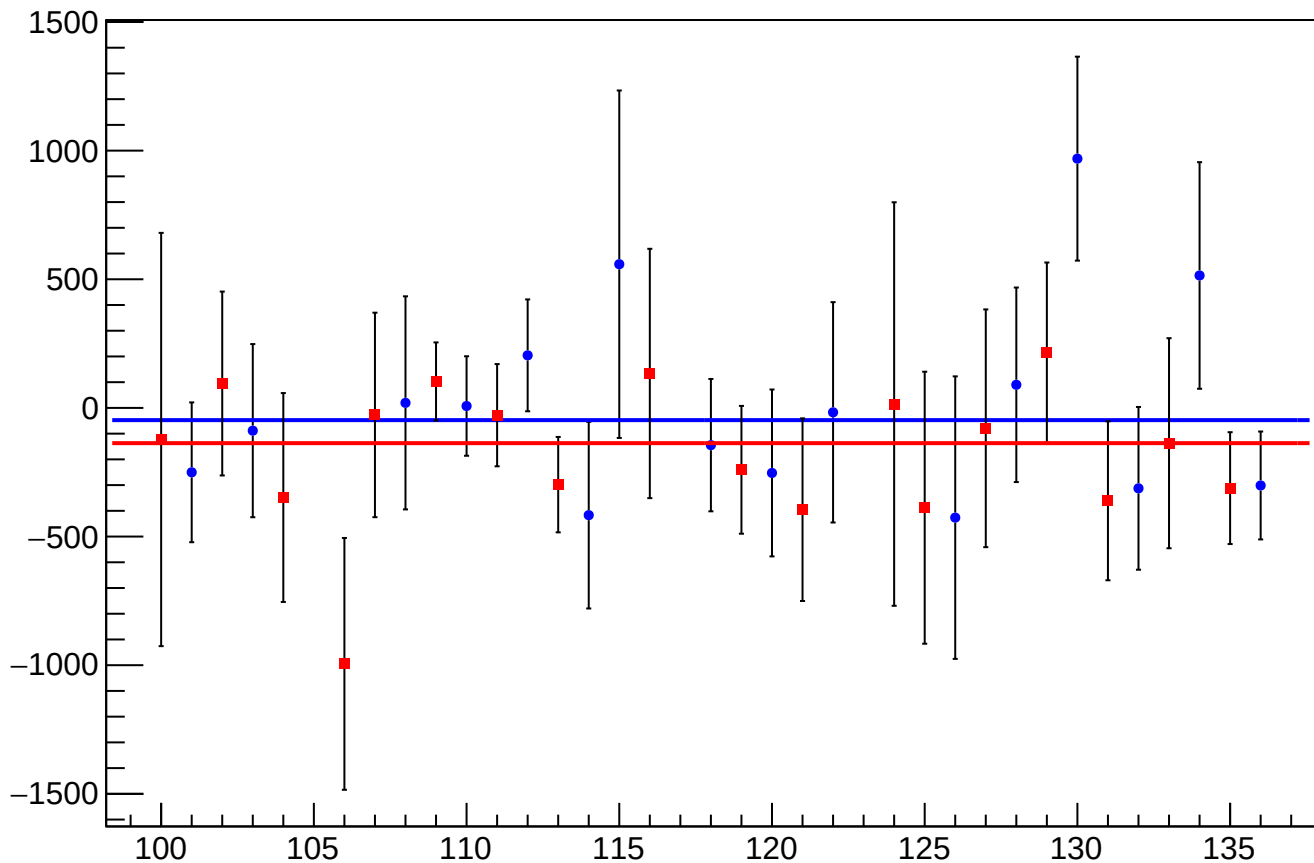
Right: 22.739 $\pm$ 0.004 χ^2 /NDF: 29064.3/33

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: 22.739 $\pm$ 0.004 χ^2 /NDF: 29064.3/33

asym_bcm_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: -136.959 ± 69.358 χ^2/NDF : 10.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

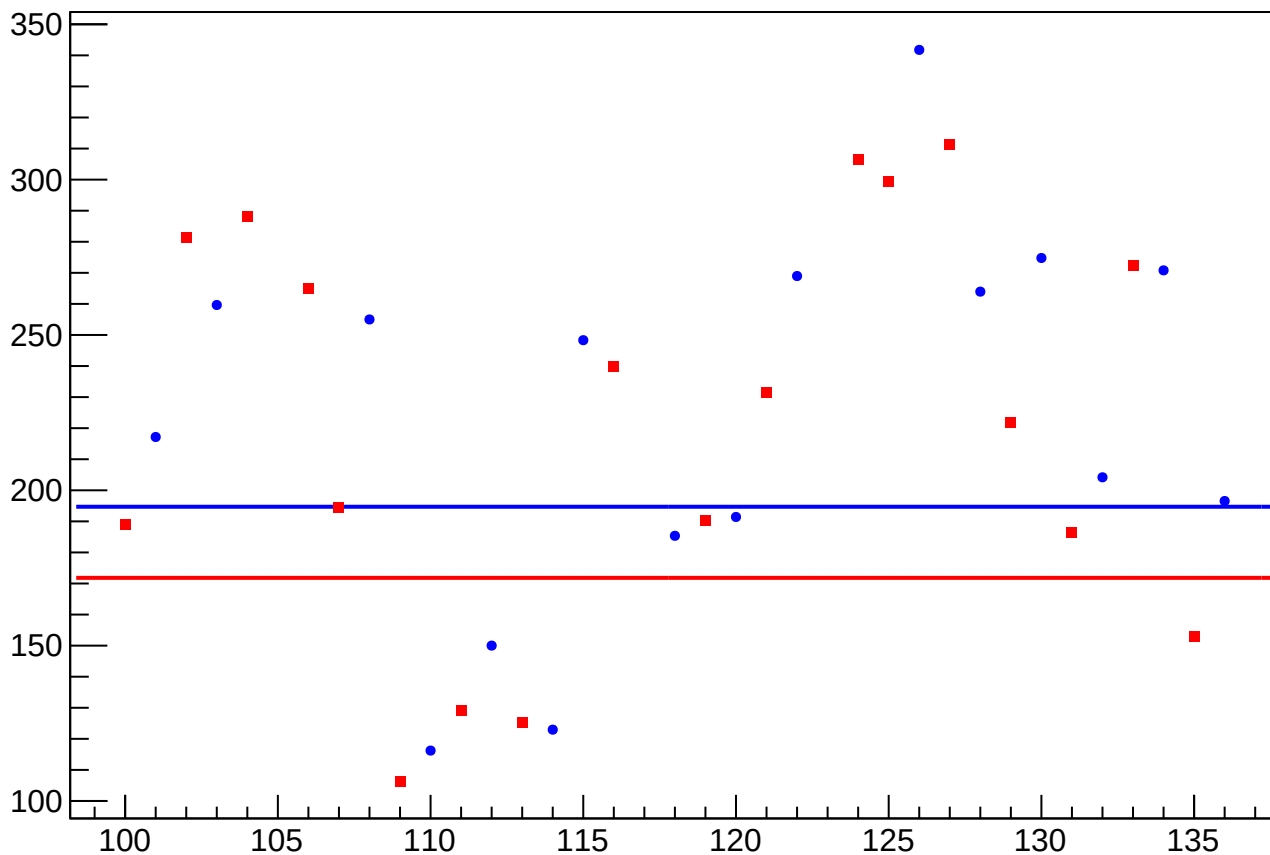
Right: -96.651 ± 51.405 χ^2/NDF : 27.0/33

In: -47.523 ± 76.571 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -96.651 ± 51.405 χ^2/NDF : 27.0/33

asym_bcm_dg_ds_bcm_an_ds_agg_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: 171.821+/-0.049 χ^2/NDF : 1669058.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

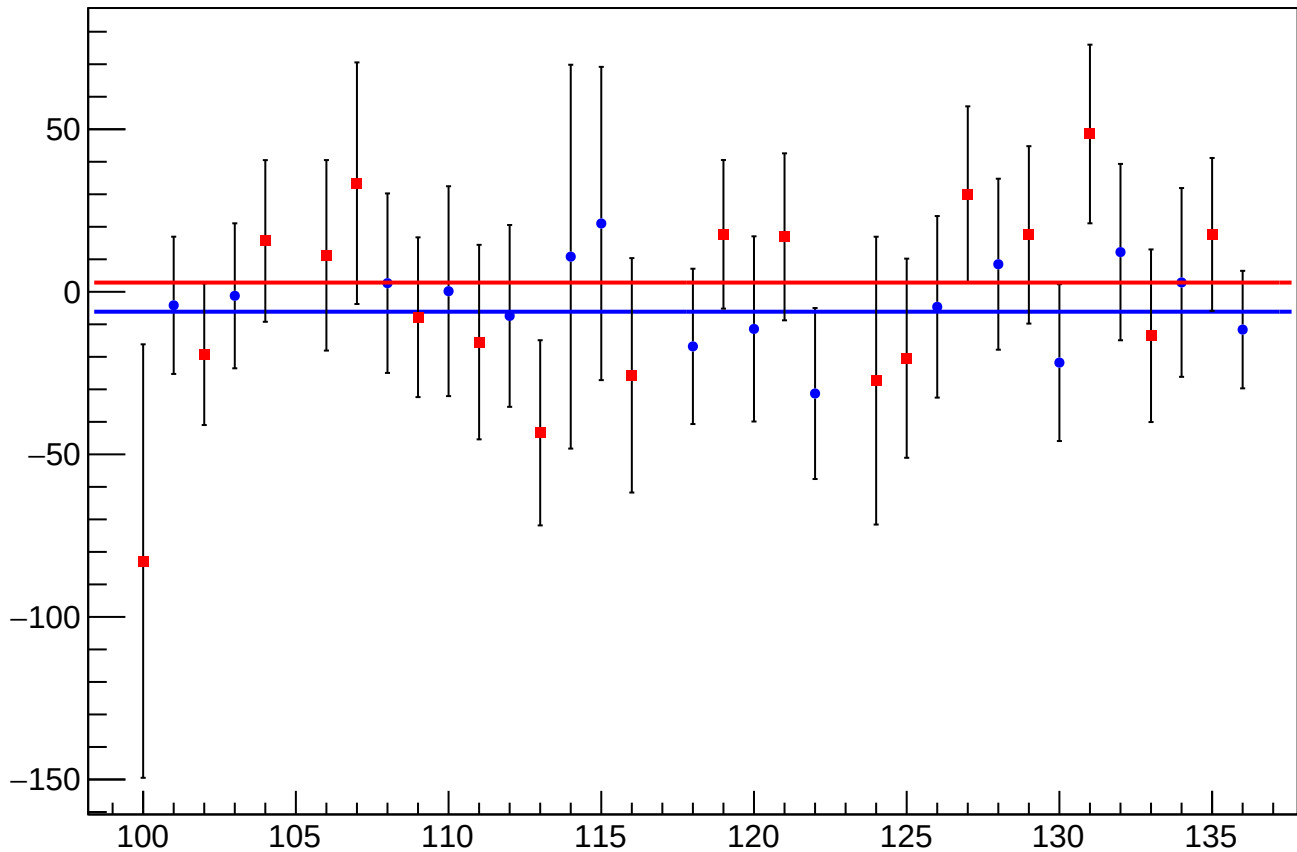
Right: 182.136+/-0.036 χ^2/NDF : 2819493.9/33

In: 194.708+/-0.054 χ^2/NDF :1052288.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.136+/-0.036 χ^2/NDF : 2819493.9/33

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug, Sign Corrected



Right In: -6.119 $\pm$ 6.592 χ^2 /NDF: 3.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2.842 $\pm$ 6.612 χ^2 /NDF: 14.1/17

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

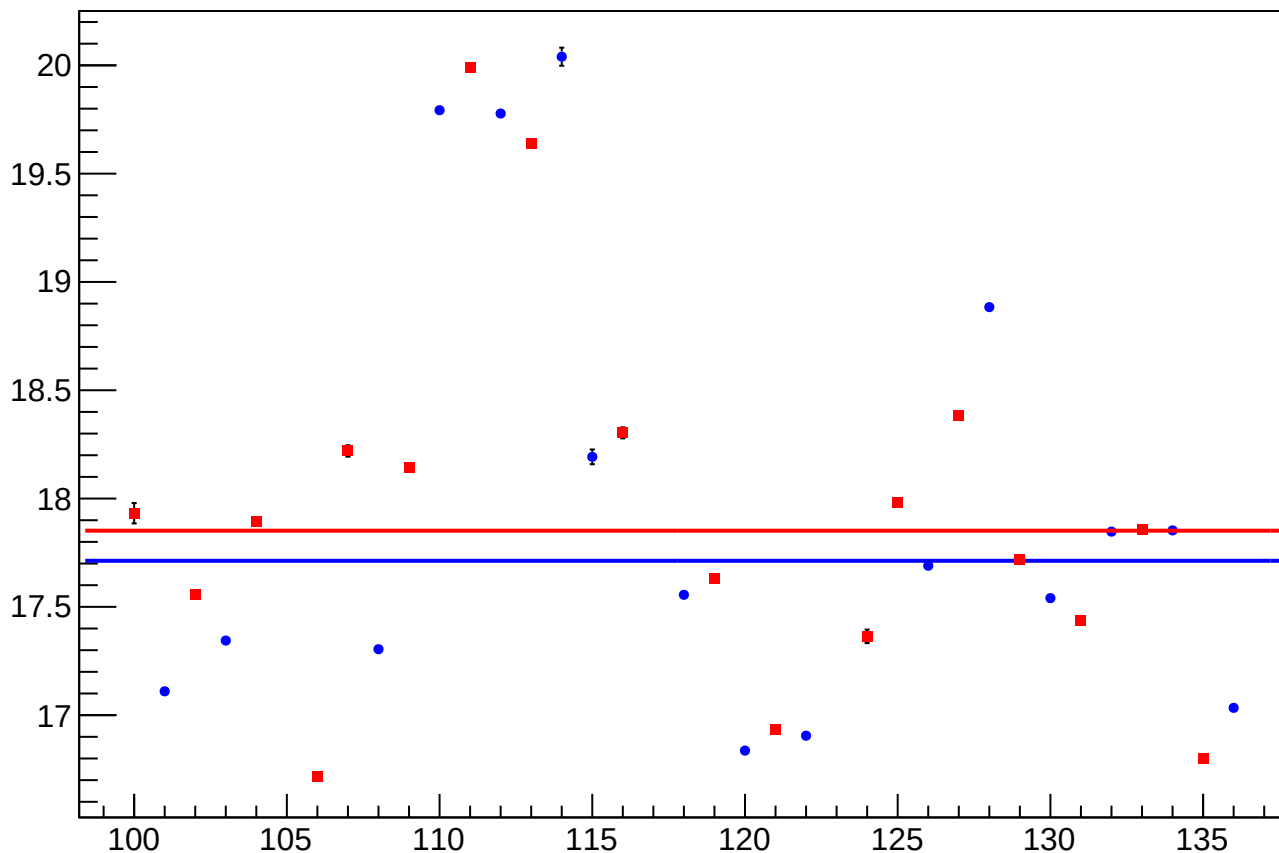
Right: -1.653 $\pm$ 4.669 χ^2 /NDF: 18.2/33

In: -6.119 $\pm$ 6.592 χ^2 /NDF:3.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.653 $\pm$ 4.669 χ^2 /NDF: 18.2/33

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: 17.852+/-0.005 χ^2/NDF : 30537.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

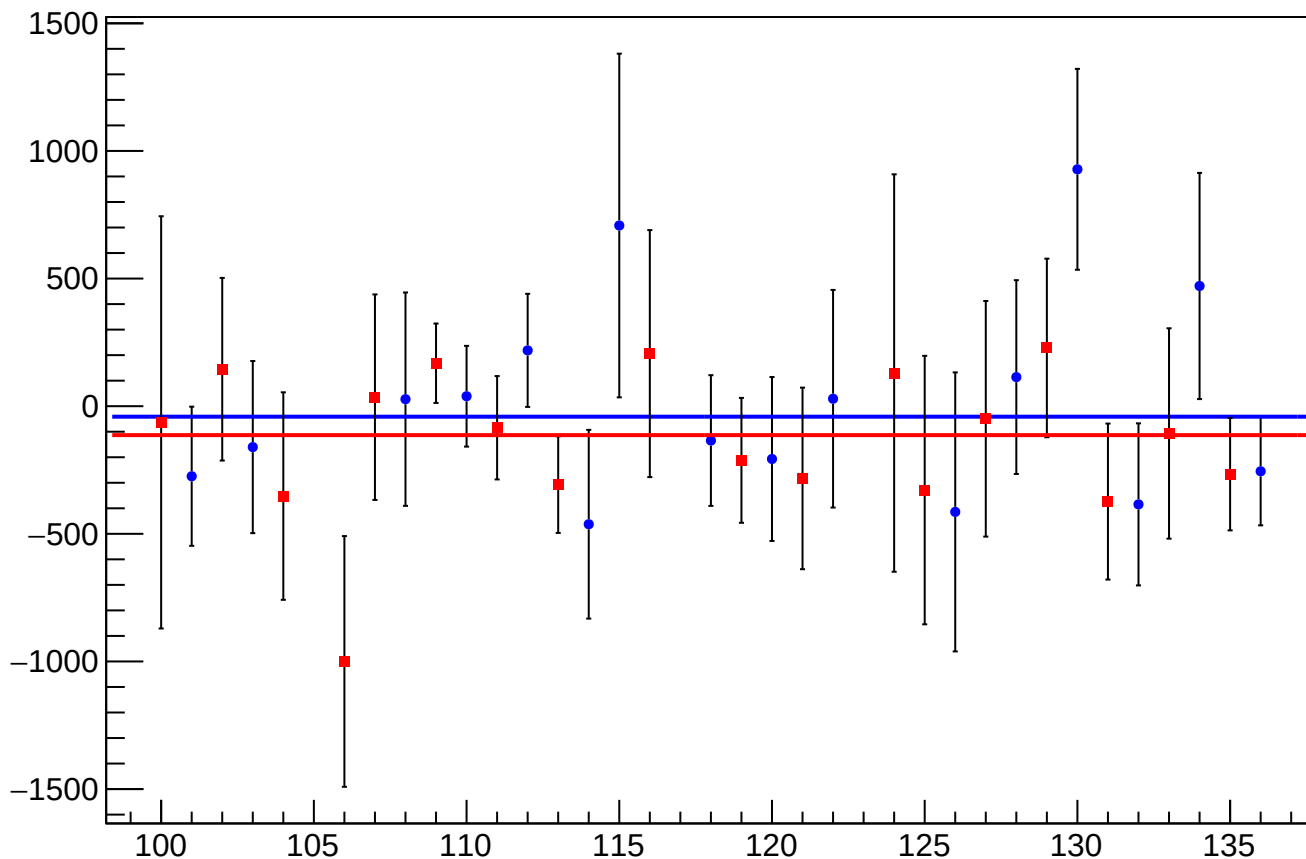
Right: 17.782+/-0.003 χ^2/NDF : 66964.8/33

In: 17.713+/-0.005 χ^2/NDF : 35983.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.782+/-0.003 χ^2/NDF : 66964.8/33

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: -113.337 ± 70.076 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

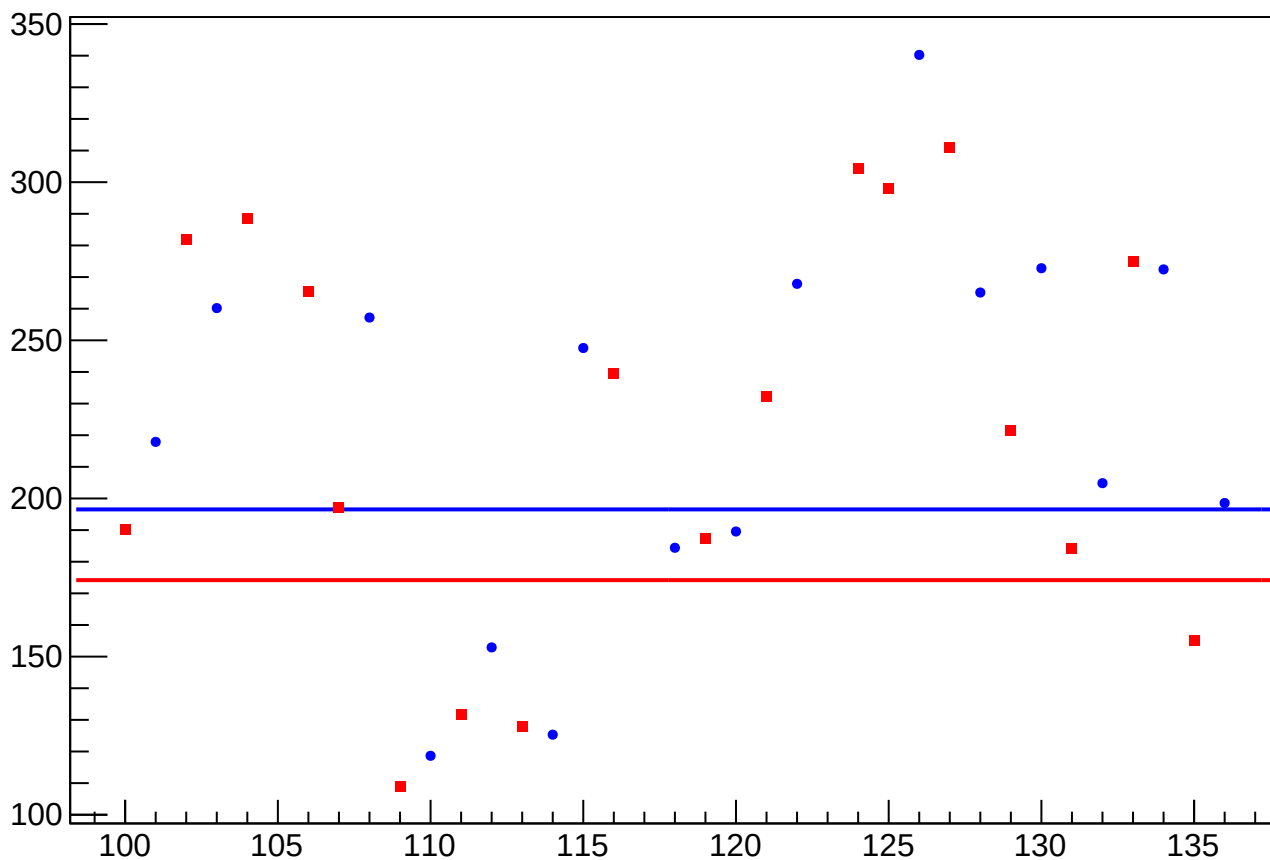
Right: -80.683 ± 51.869 χ^2/NDF : 28.0/33

In: -41.114 ± 77.139 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -80.683 ± 51.869 χ^2/NDF : 28.0/33

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: 174.180 $\pm$ 0.050 χ^2 /NDF: 1586802.4/17

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

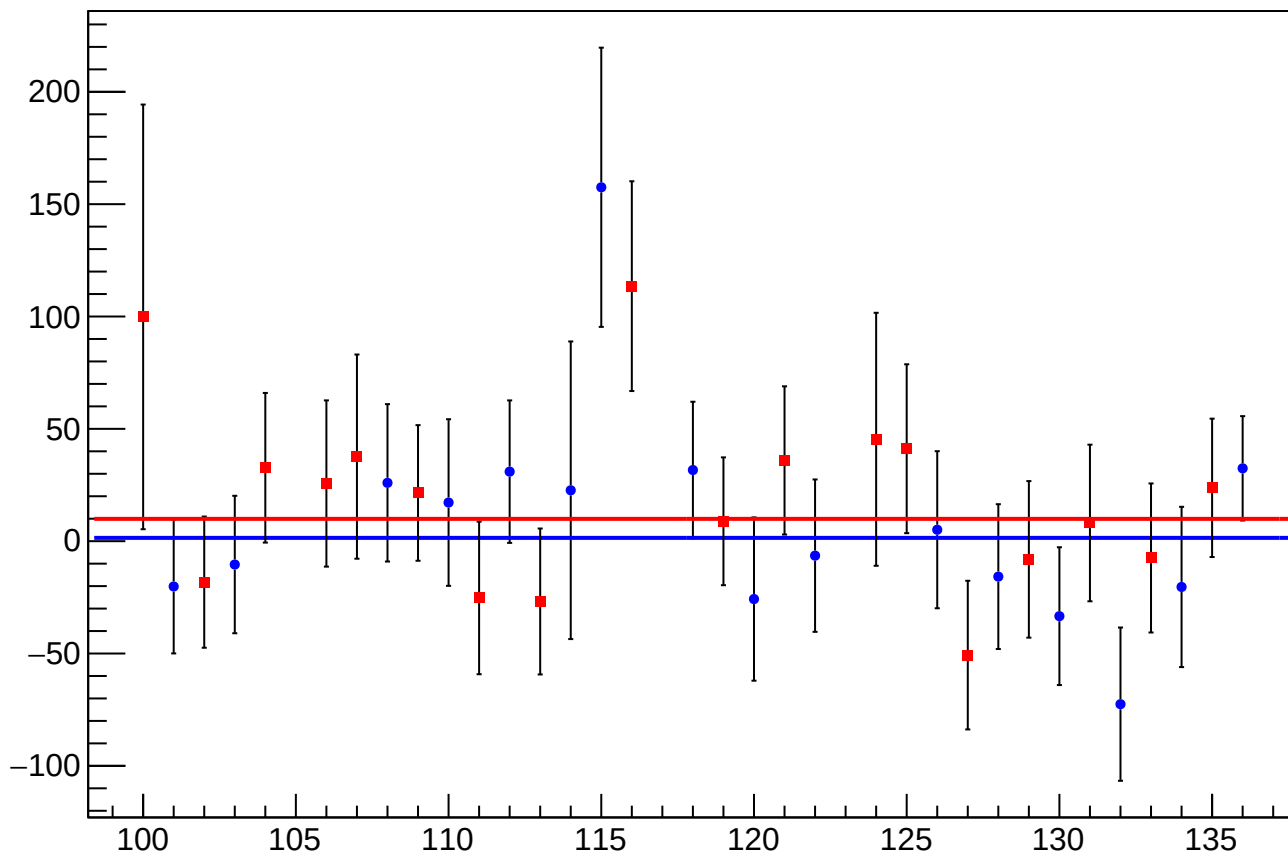
Right: 184.291 $\pm$ 0.037 χ^2 /NDF: 2679656.1/33

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: 184.291 $\pm$ 0.037 χ^2 /NDF: 2679656.1/33

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: 9.936+/-8.311 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

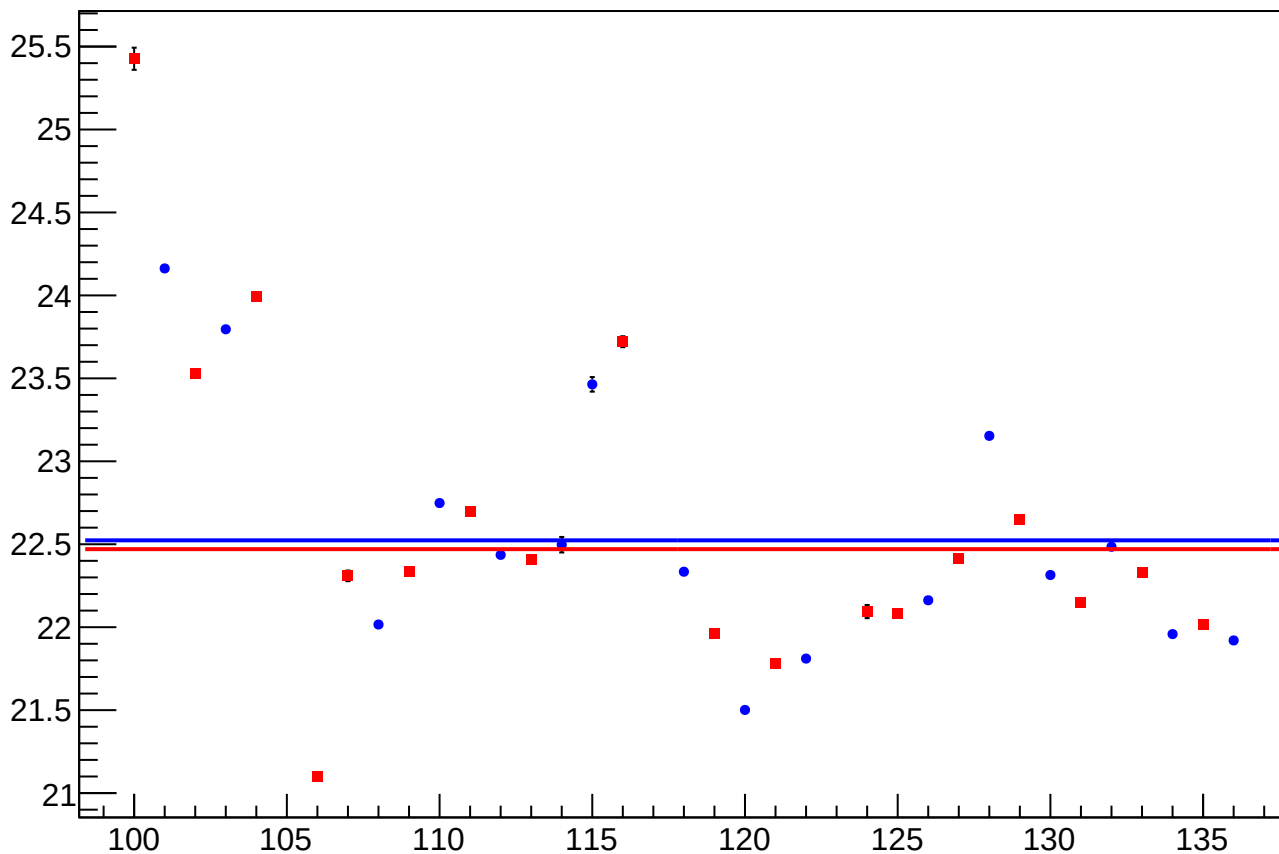
Right: 5.735+/-5.898 χ^2/NDF : 35.3/33

In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.735+/-5.898 χ^2/NDF : 35.3/33

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: 22.470+/-0.006 χ^2/NDF : 15618.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

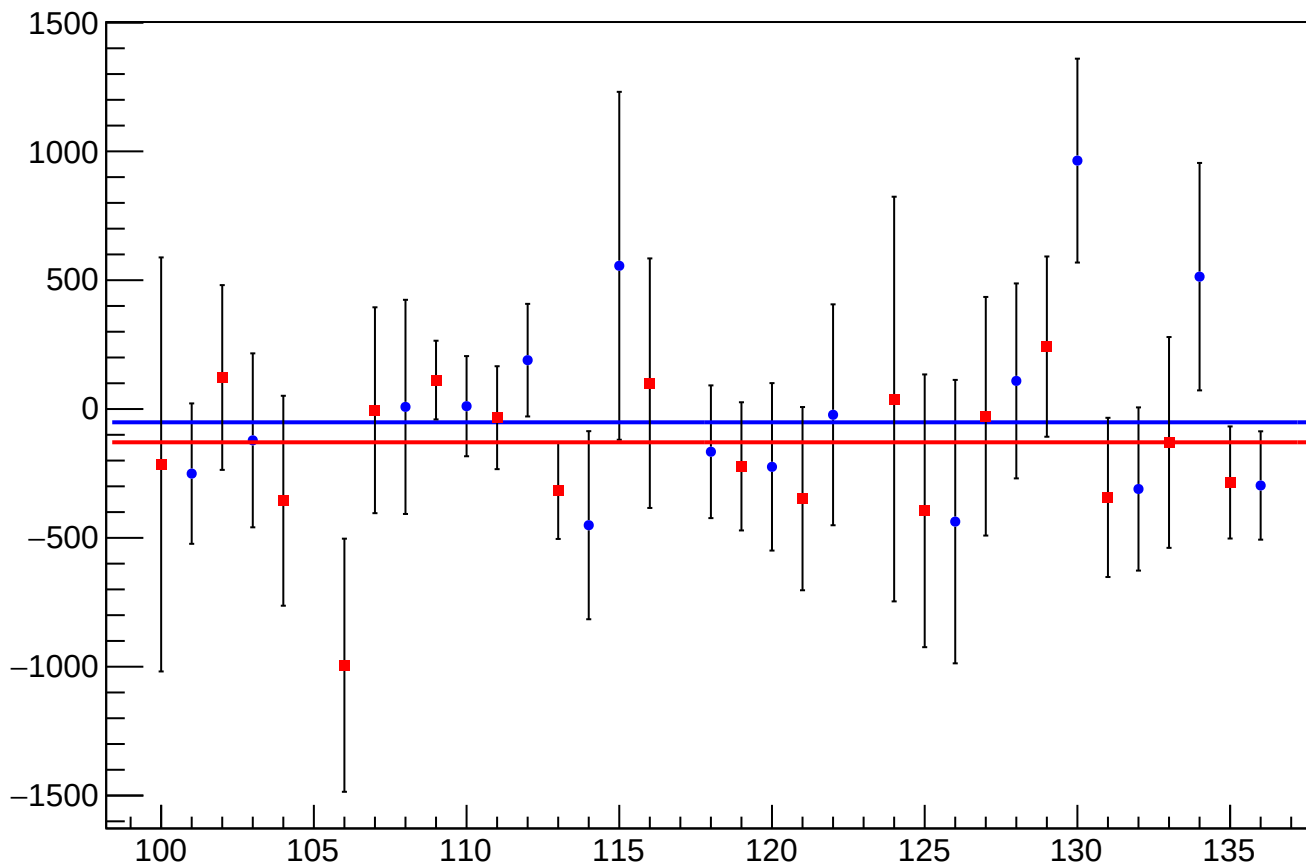
Right: 22.497+/-0.004 χ^2/NDF : 31606.5/33

In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.497+/-0.004 χ^2/NDF : 31606.5/33

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: -129.084 $\pm$ 69.589 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

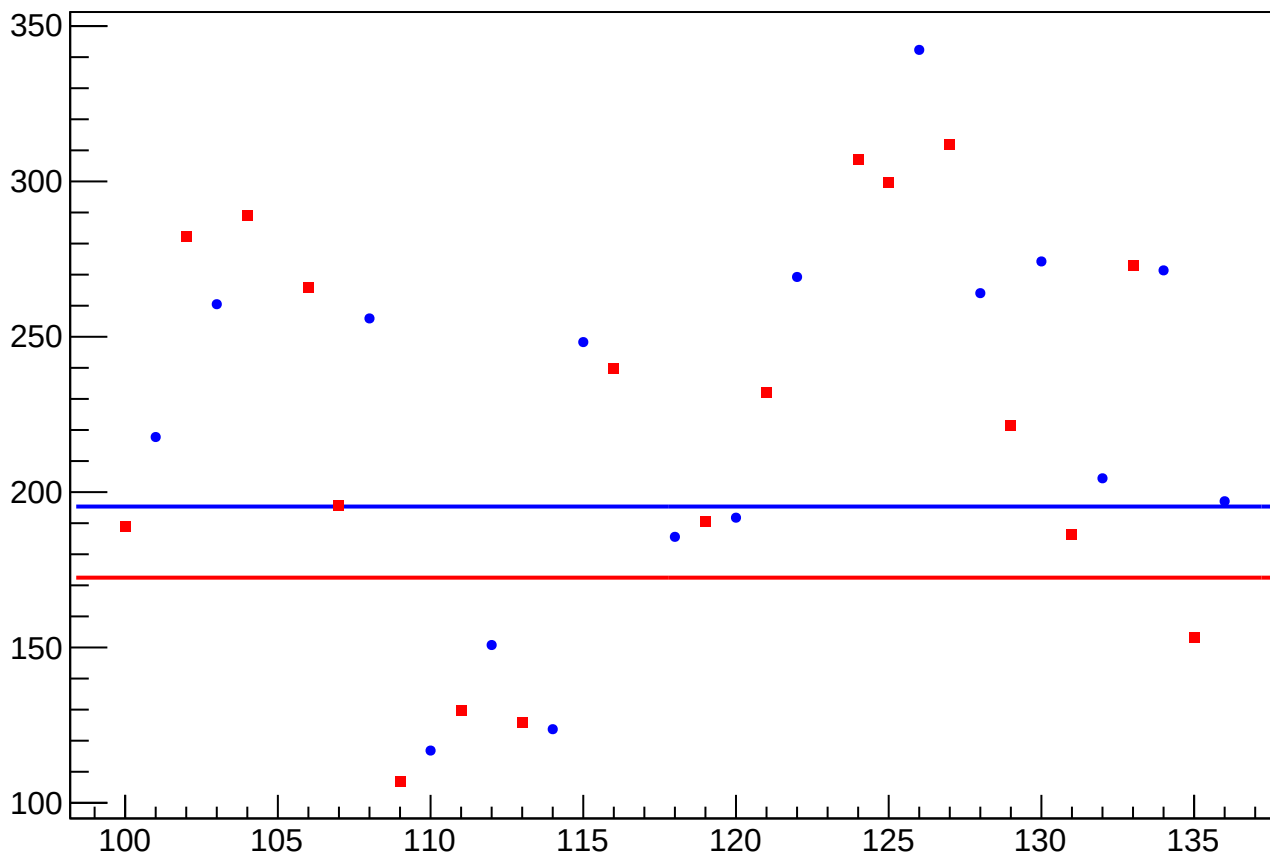
Right: -94.099 $\pm$ 51.568 χ^2 /NDF: 26.9/33

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: -94.099 $\pm$ 51.568 χ^2 /NDF: 26.9/33

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: 172.475+/-0.049 χ^2/NDF : 1657468.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

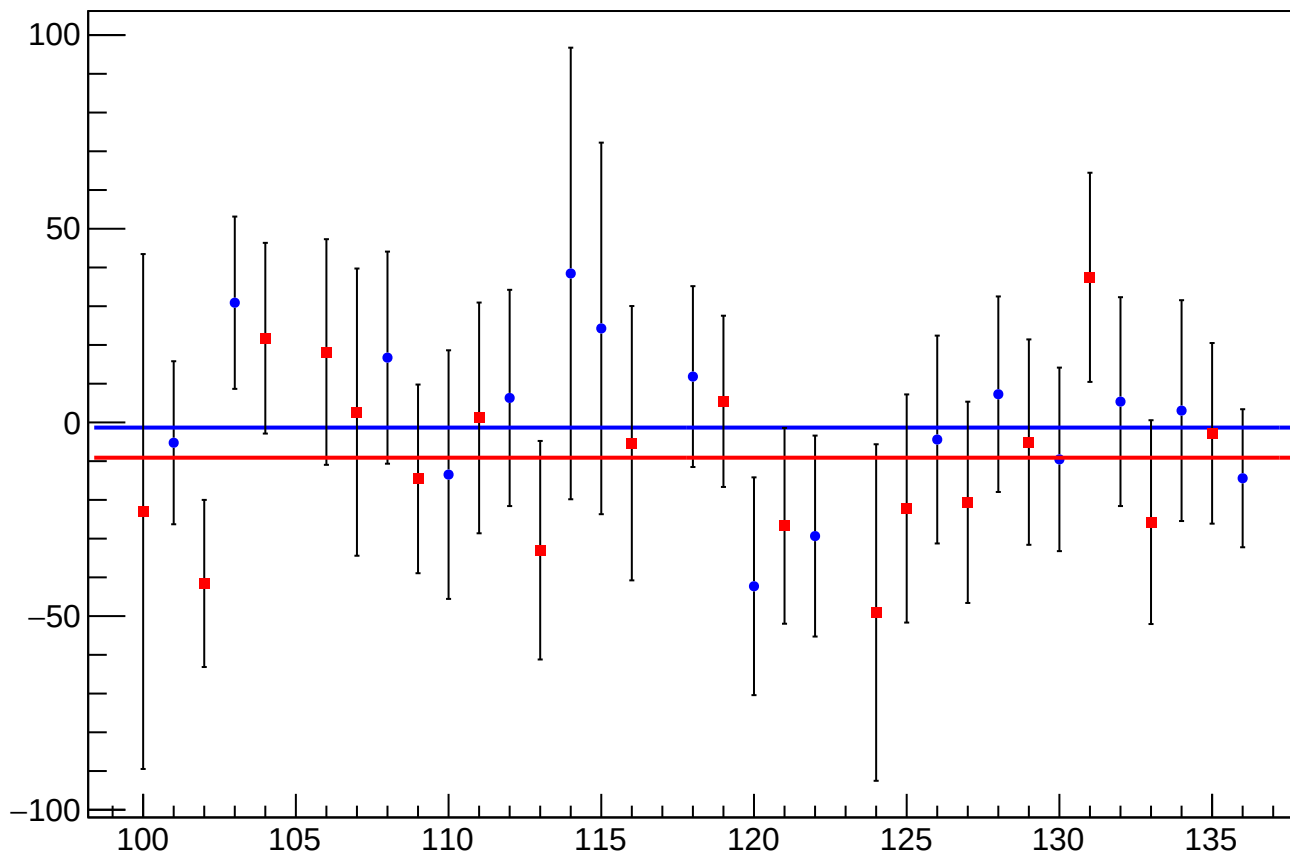
Right: 182.794+/-0.036 χ^2/NDF : 2796428.0/33

In: 195.361+/-0.054 χ^2/NDF :1041432.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.794+/-0.036 χ^2/NDF : 2796428.0/33

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: -9.105 ± 6.502 χ^2/NDF : 11.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

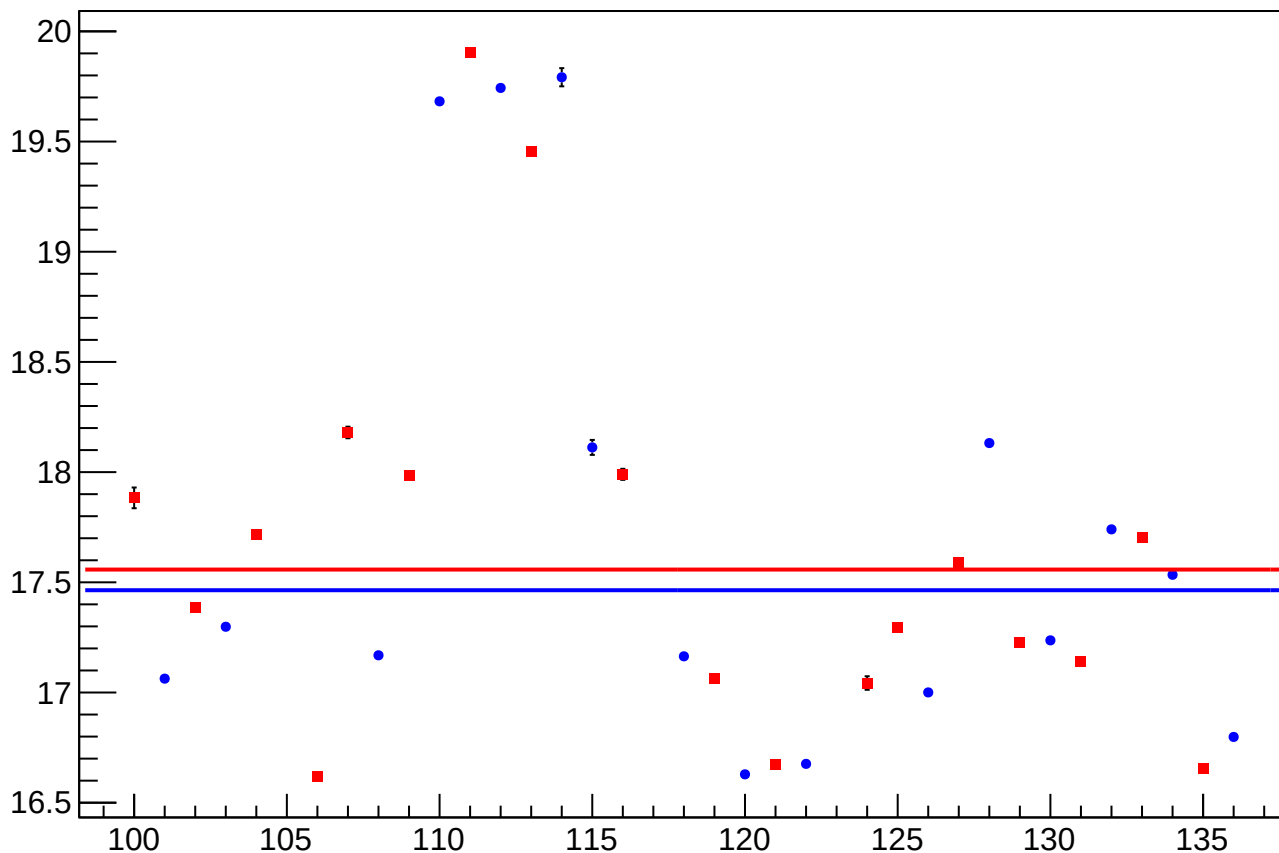
Right: -5.216 ± 4.596 χ^2/NDF : 20.1/33

In: -1.331 ± 6.499 χ^2/NDF : 8.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.216 ± 4.596 χ^2/NDF : 20.1/33

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: 17.558+/-0.005 χ^2/NDF : 32983.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

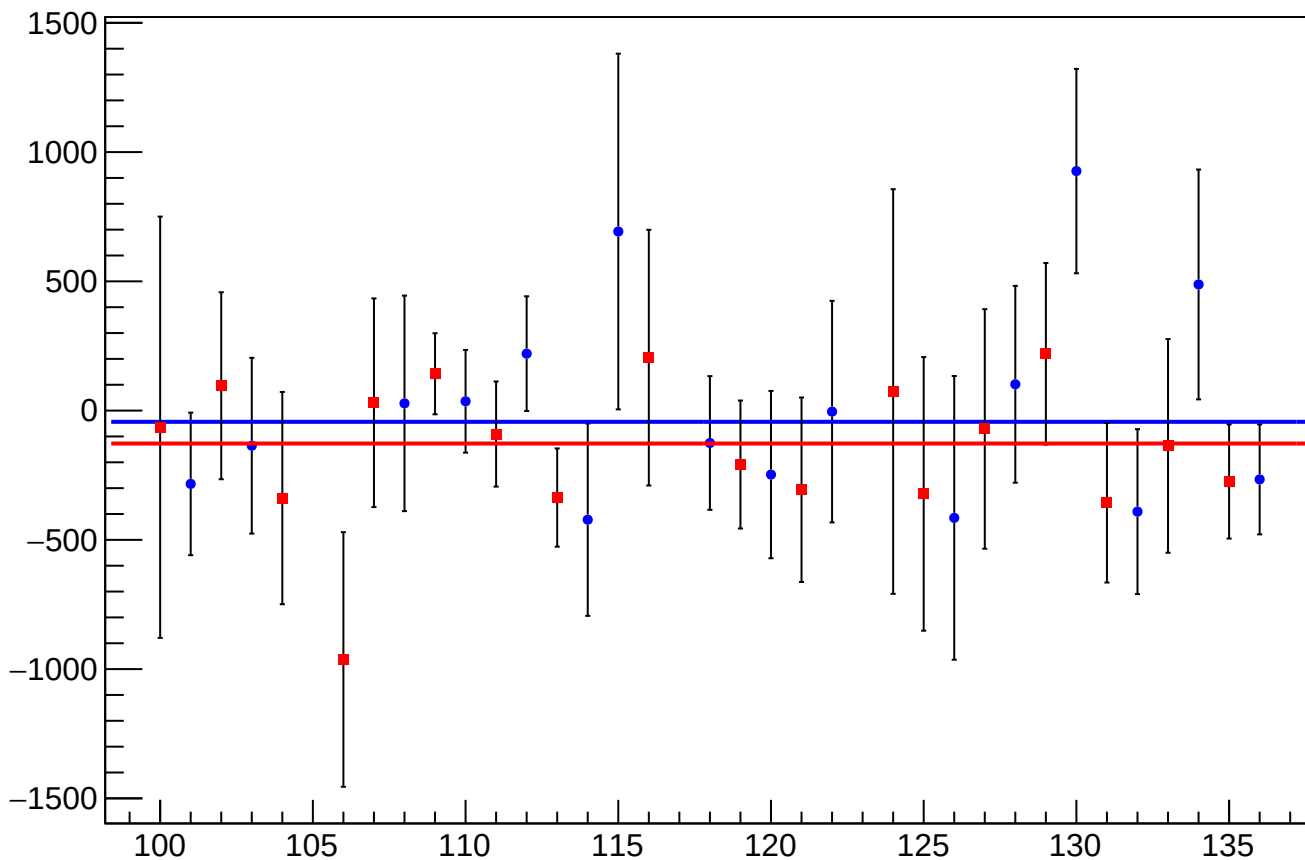
Right: 17.511+/-0.003 χ^2/NDF : 69841.8/33

In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.511+/-0.003 χ^2/NDF : 69841.8/33

asym_bcm_dg_us_bcm_dg_ds_agg_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: -127.330 ± 70.537 χ^2/NDF : 10.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

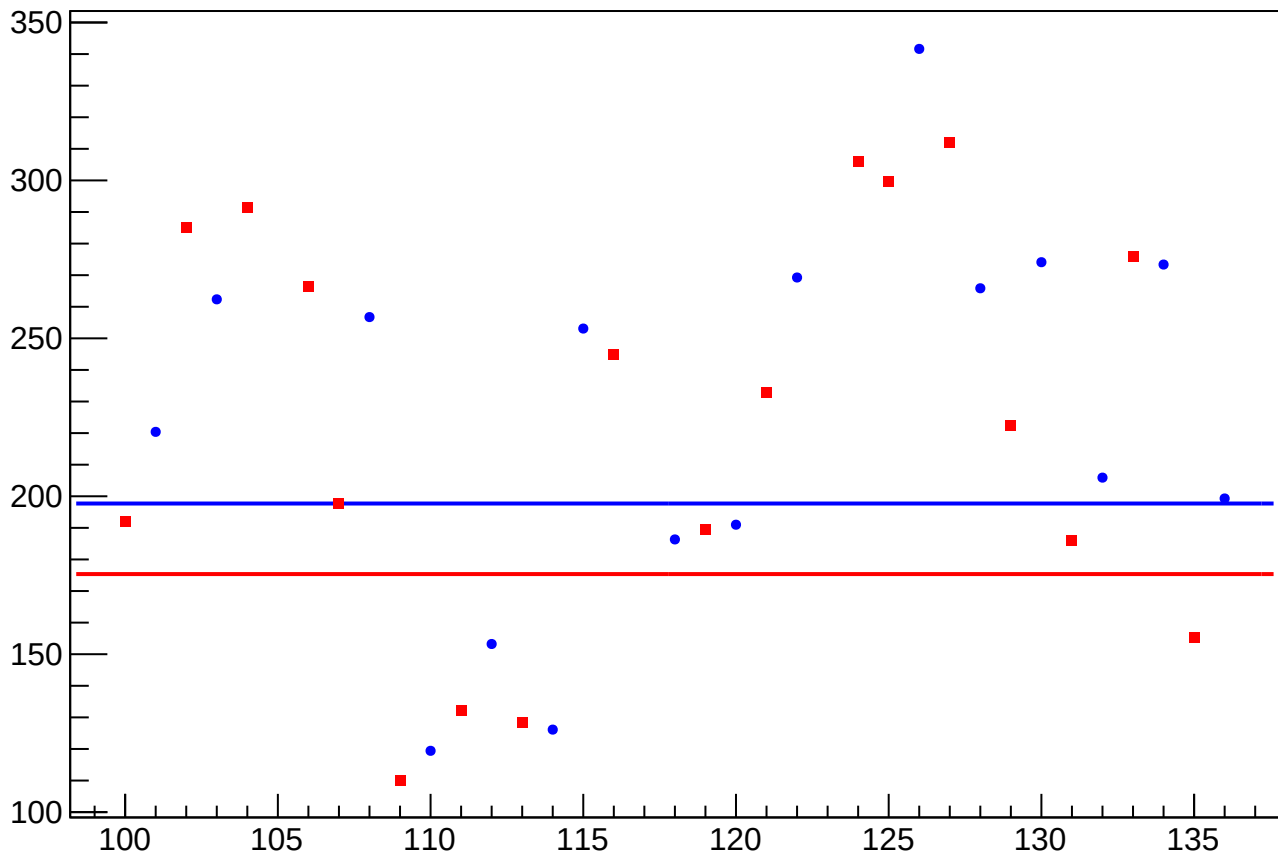
Right: -89.341 ± 52.191 χ^2/NDF : 27.0/33

In: -43.384 ± 77.584 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -89.341 ± 52.191 χ^2/NDF : 27.0/33

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: 175.370+/-0.050 χ^2/NDF : 1588824.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

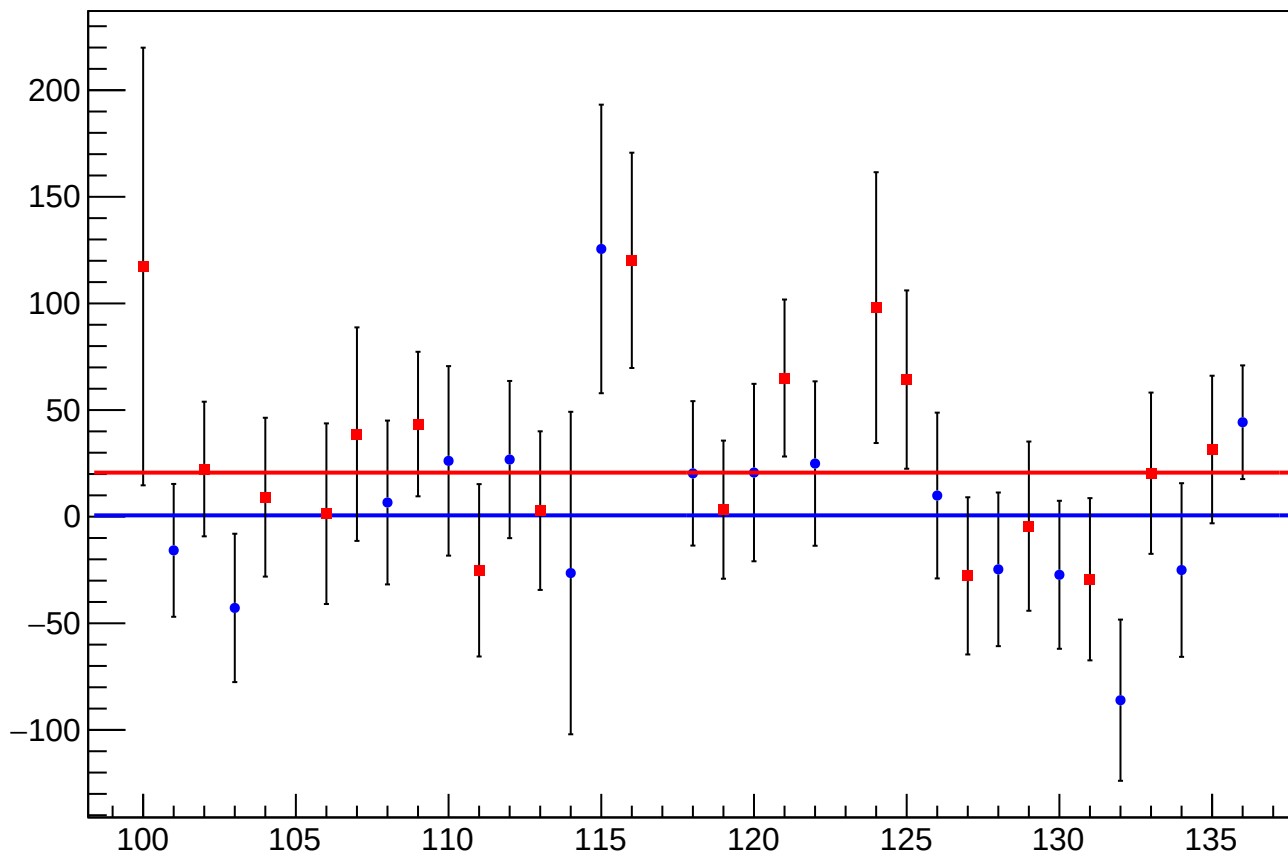
Right: 185.479+/-0.037 χ^2/NDF : 2679908.3/33

In: 197.707+/-0.055 χ^2/NDF : 1000324.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.479+/-0.037 χ^2/NDF : 2679908.3/33

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: 20.664+/-9.332 χ^2/NDF : 15.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

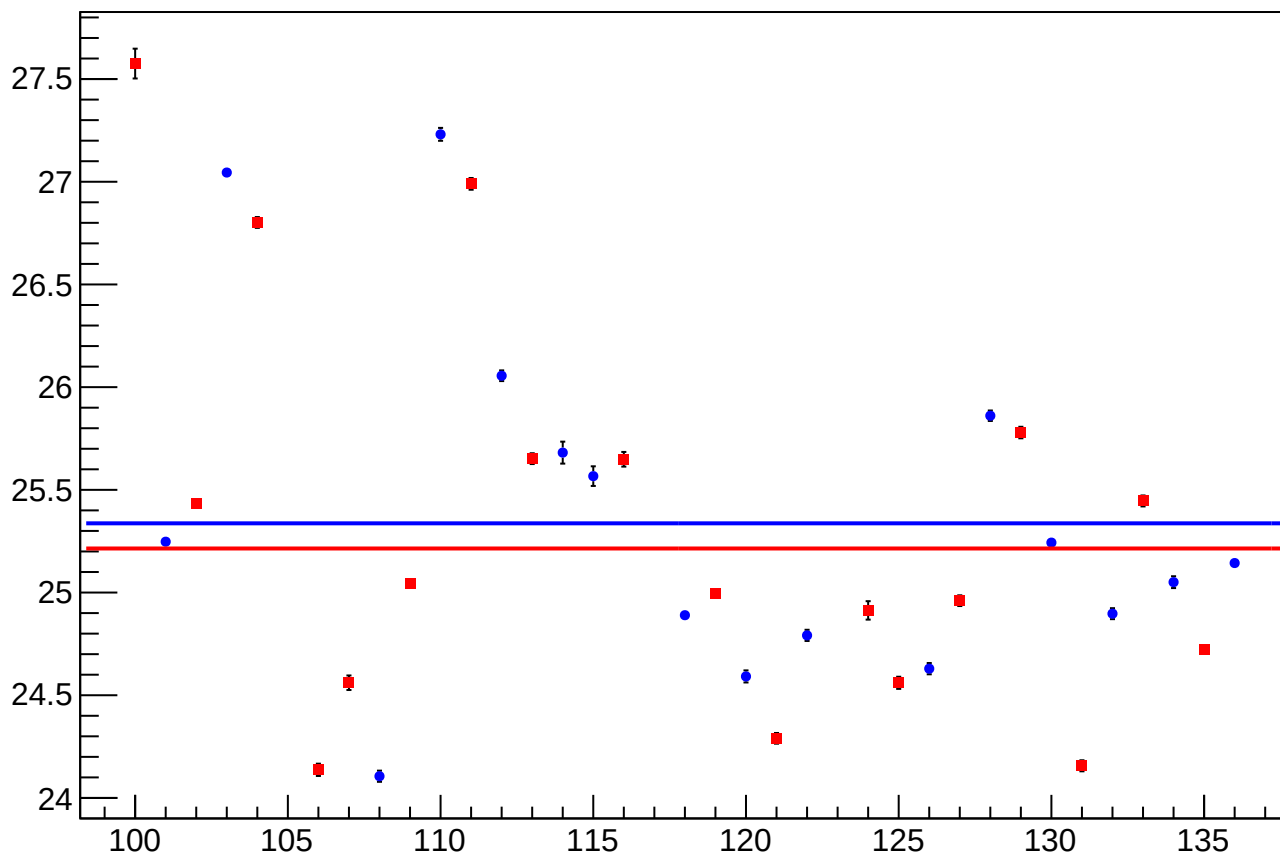
Right: 10.737+/-6.630 χ^2/NDF : 34.5/33

In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.737+/-6.630 χ^2/NDF : 34.5/33

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: 25.214+/-0.007 χ^2/NDF : 15173.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

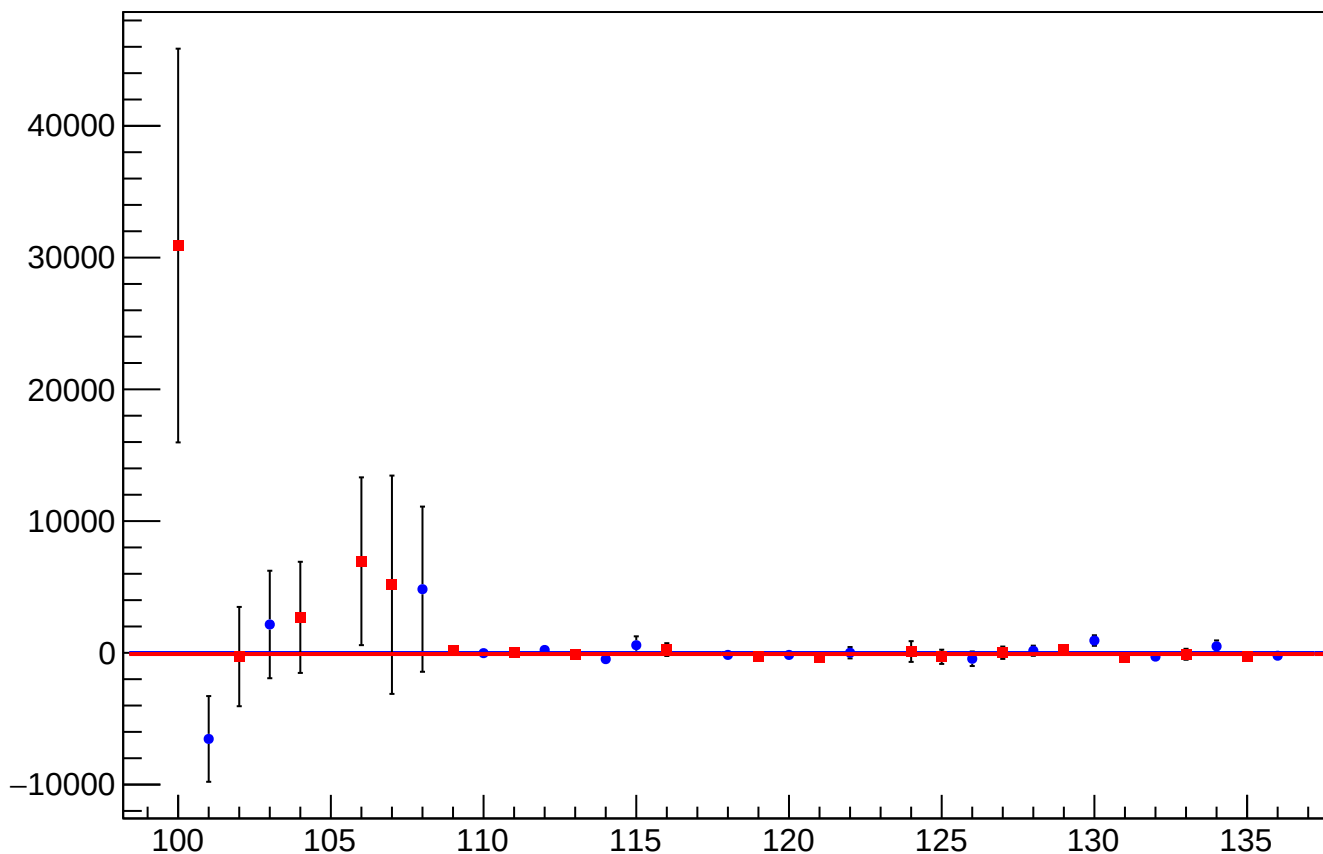
Right: 25.275+/-0.005 χ^2/NDF : 29659.2/33

In: 25.337+/-0.007 χ^2/NDF : 14315.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.275+/-0.005 χ^2/NDF : 29659.2/33

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: -91.924+/-79.468 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

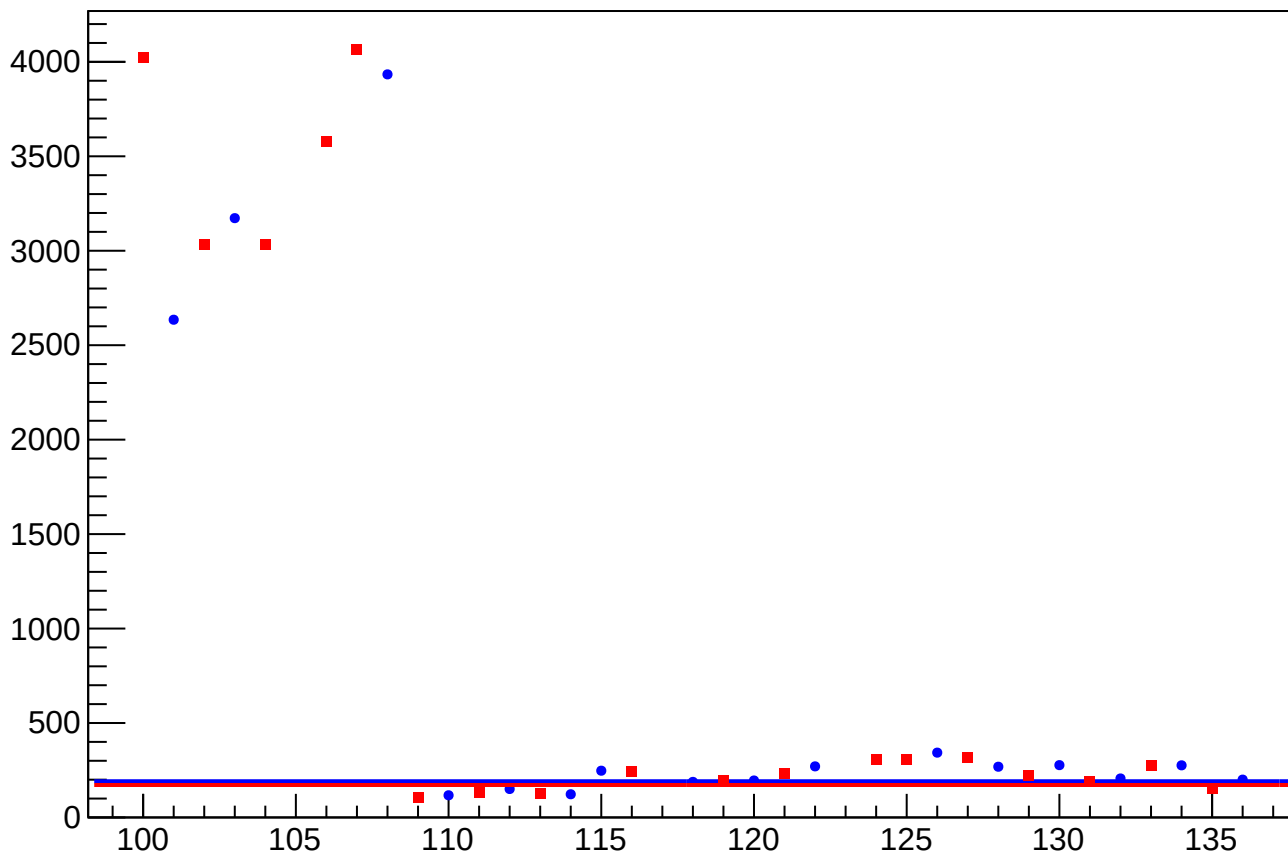
Right: -56.122+/-57.954 χ^2 /NDF: 31.5/33

In: -15.450+/-84.701 χ^2 /NDF:18.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -56.122+/-57.954 χ^2 /NDF: 31.5/33

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: 171.860+/-0.056 χ^2/NDF : 4299764.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

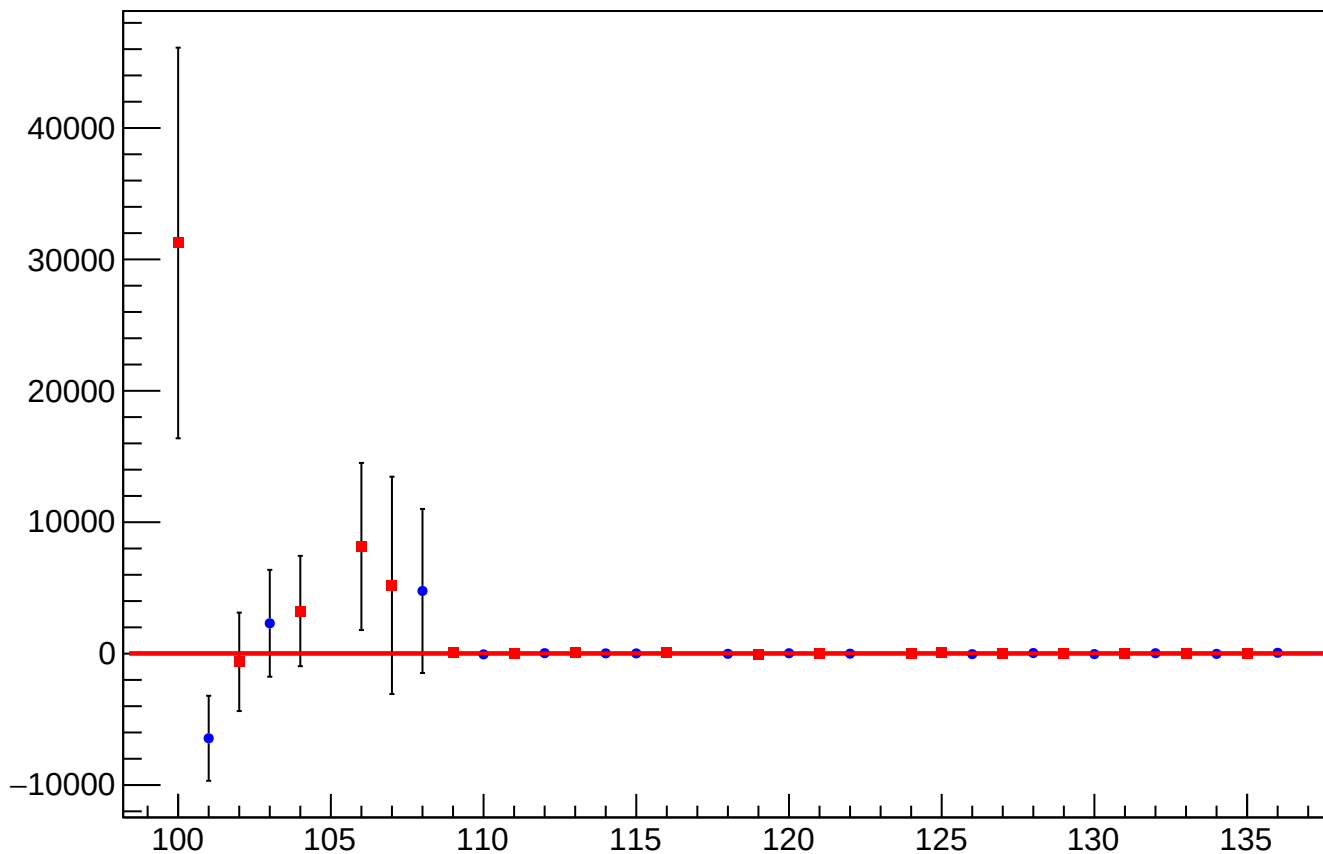
Right: 181.165+/-0.041 χ^2/NDF : 8180140.6/33

In: 191.736+/-0.060 χ^2/NDF : 3821804.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.165+/-0.041 χ^2/NDF : 8180140.6/33

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: 22.098+/-12.040 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

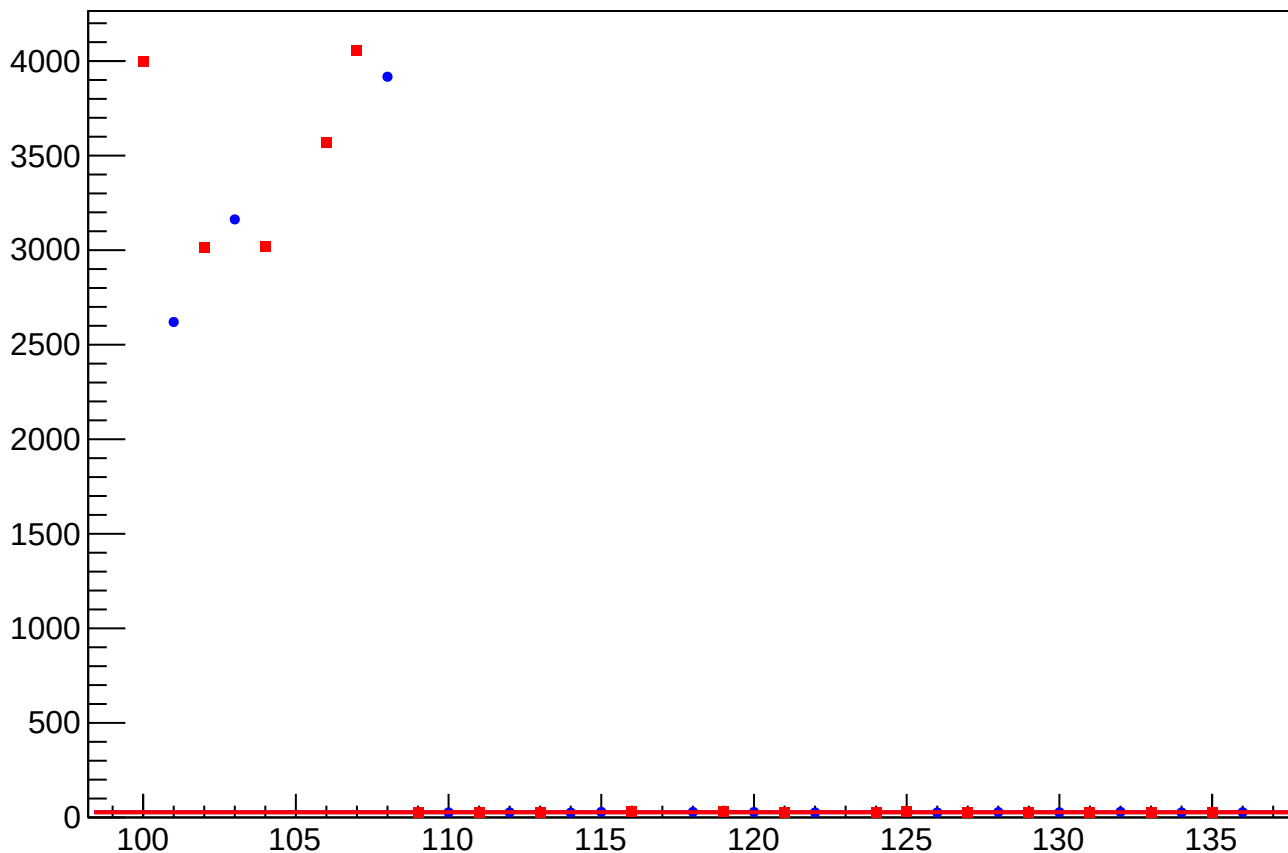
Right: 15.650+/-8.385 χ^2/NDF : 38.5/33

In: 9.576+/-11.685 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.650+/-8.385 χ^2/NDF : 38.5/33

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: 27.557 $\pm$ 0.009 χ^2 /NDF: 3555049.7/17

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

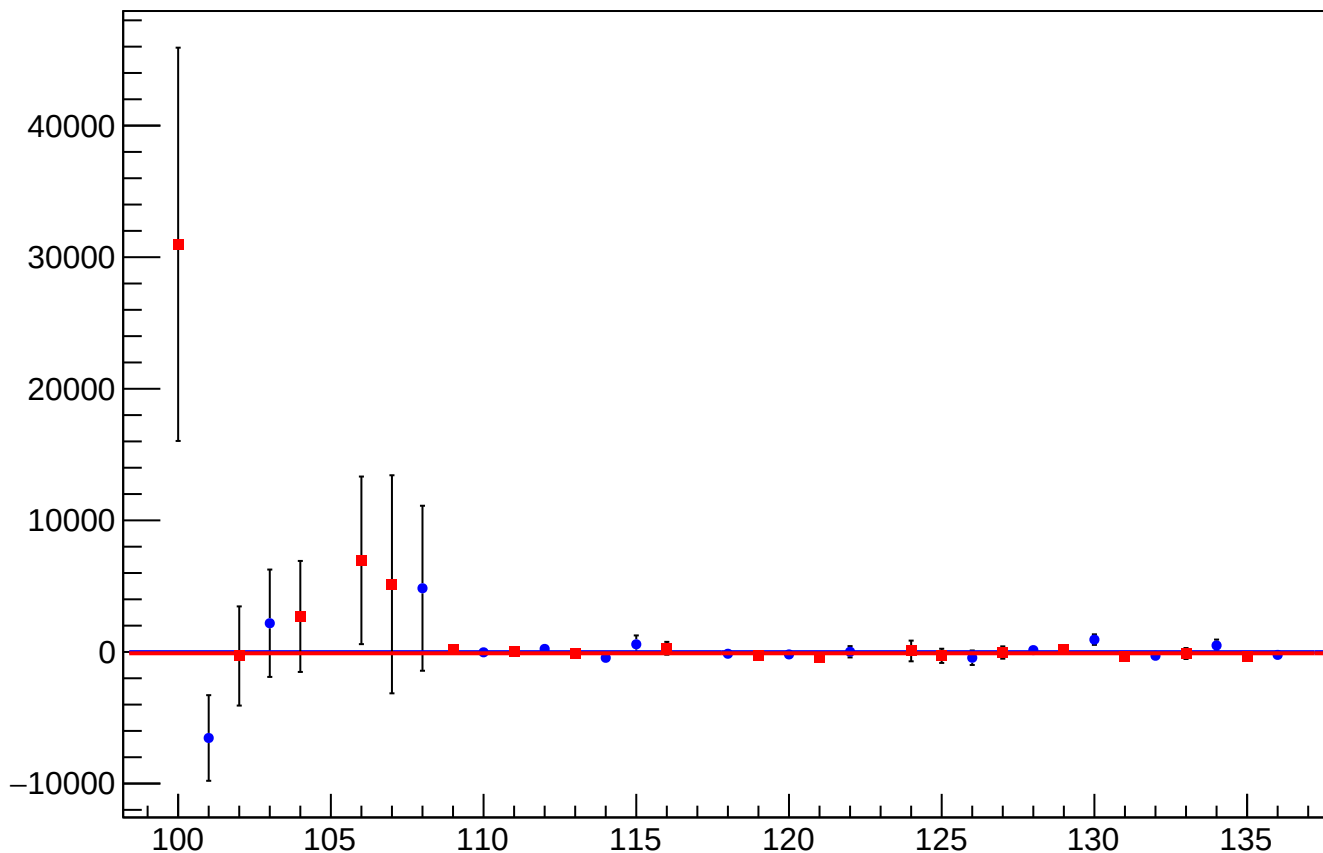
Right: 27.601 $\pm$ 0.006 χ^2 /NDF: 6820599.0/33

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: 27.601 $\pm$ 0.006 χ^2 /NDF: 6820599.0/33

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -13.160 $\pm$ 84.454 χ^2 /NDF: 18.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -100.578 $\pm$ 79.227 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

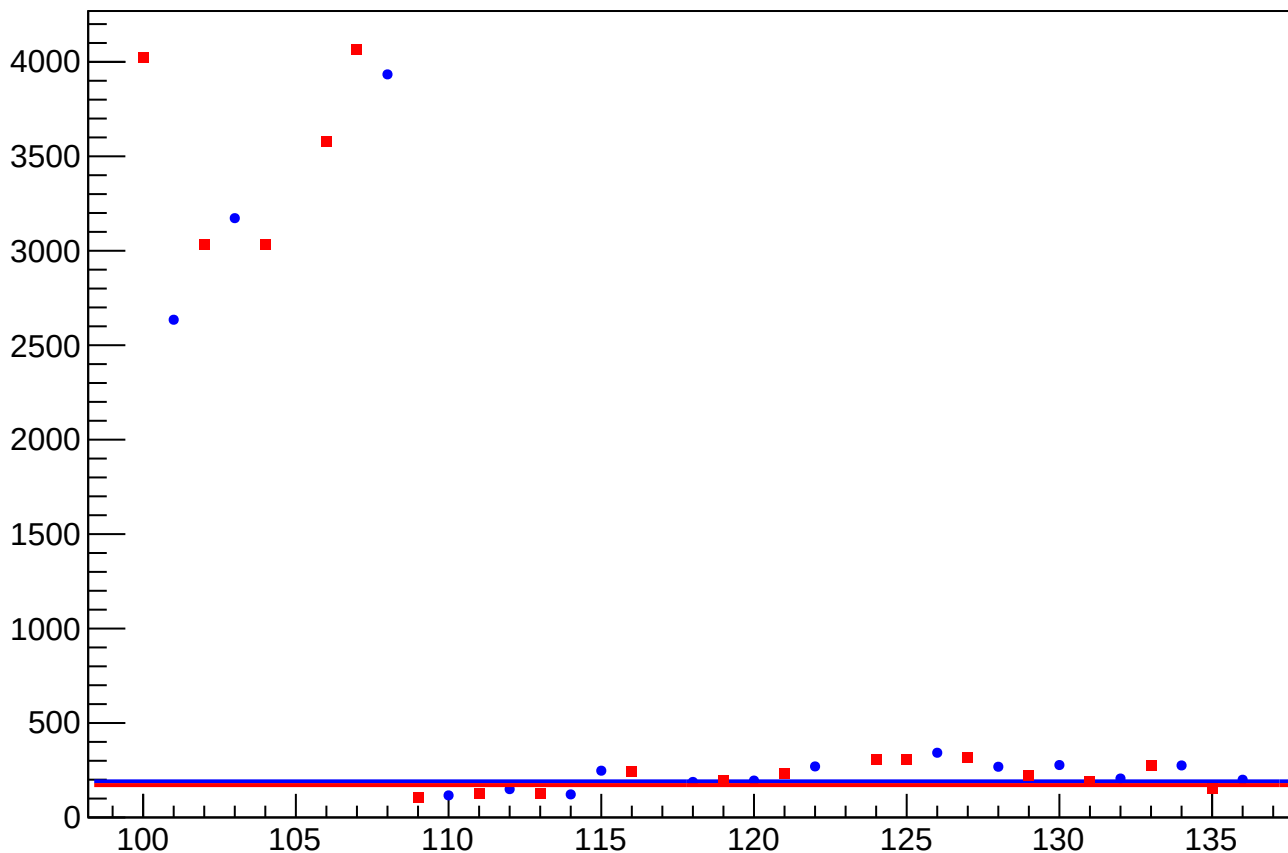
Right: -59.658 $\pm$ 57.782 χ^2 /NDF: 31.9/33

In: -13.160 $\pm$ 84.454 χ^2 /NDF:18.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -59.658 $\pm$ 57.782 χ^2 /NDF: 31.9/33

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: 171.229+/-0.056 χ^2/NDF : 4311298.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

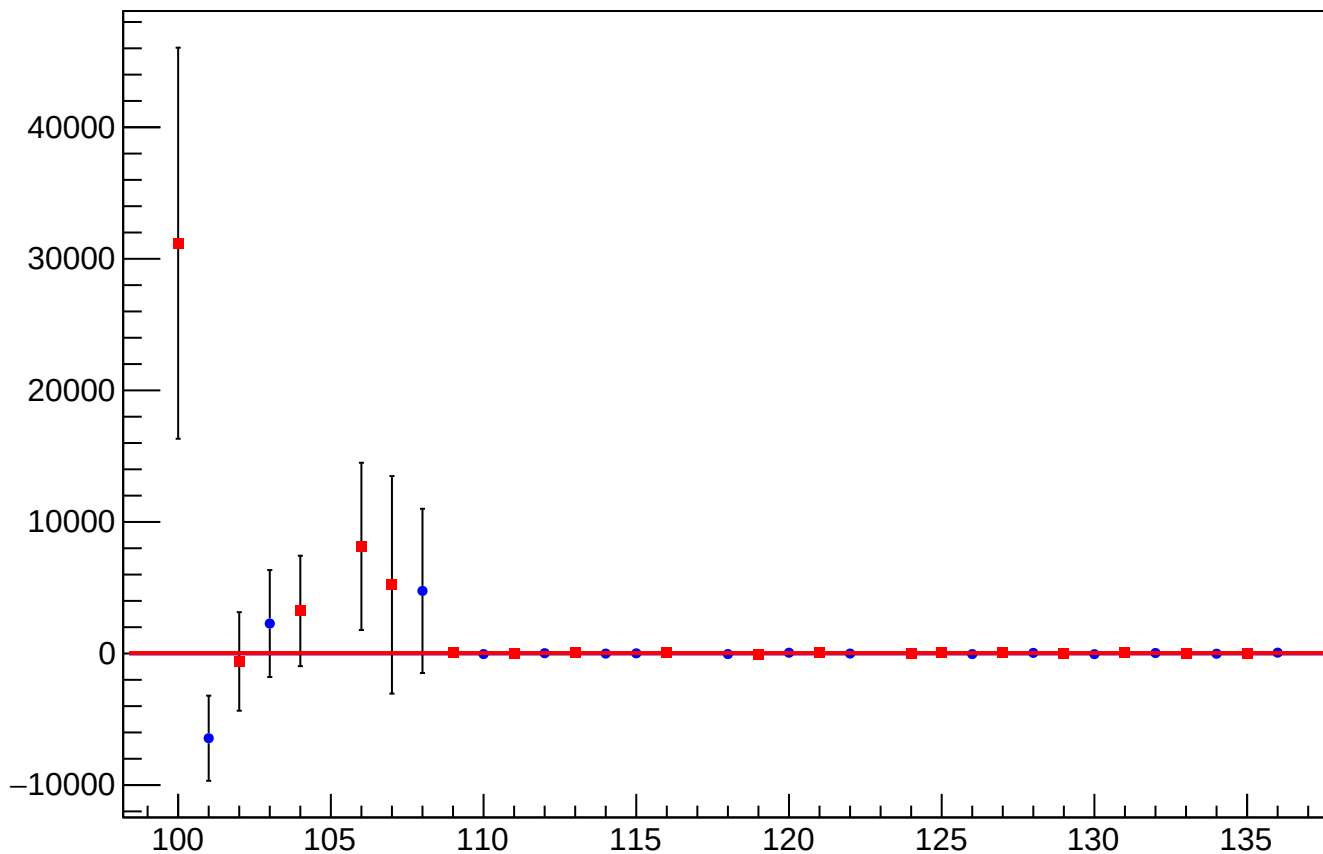
Right: 180.517+/-0.041 χ^2/NDF : 8203962.9/33

In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.517+/-0.041 χ^2/NDF : 8203962.9/33

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: 34.266+/-12.140 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

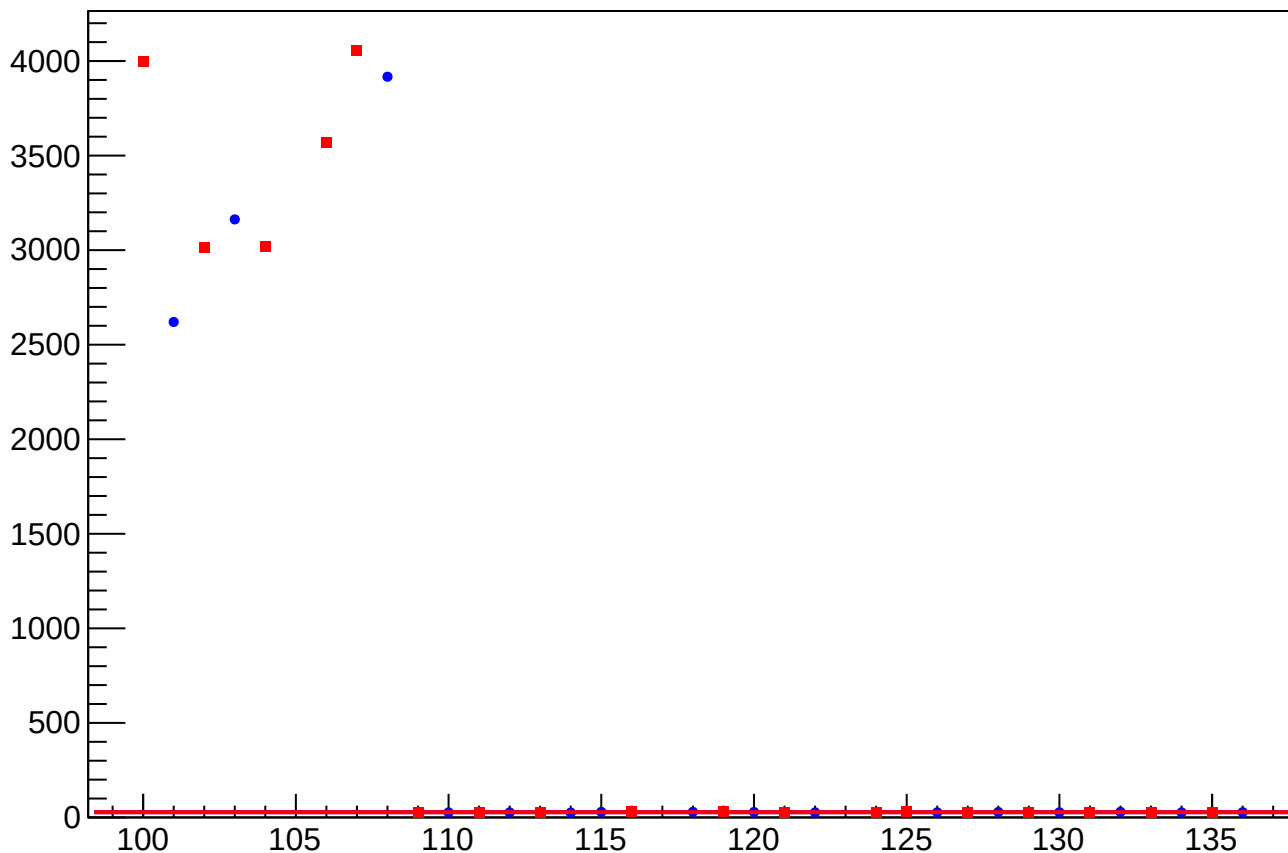
Right: 19.941+/-8.448 χ^2/NDF : 39.0/33

In: 6.490+/-11.764 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.941+/-8.448 χ^2/NDF : 39.0/33

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: 27.779+/-0.009 χ^2/NDF : 3558453.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

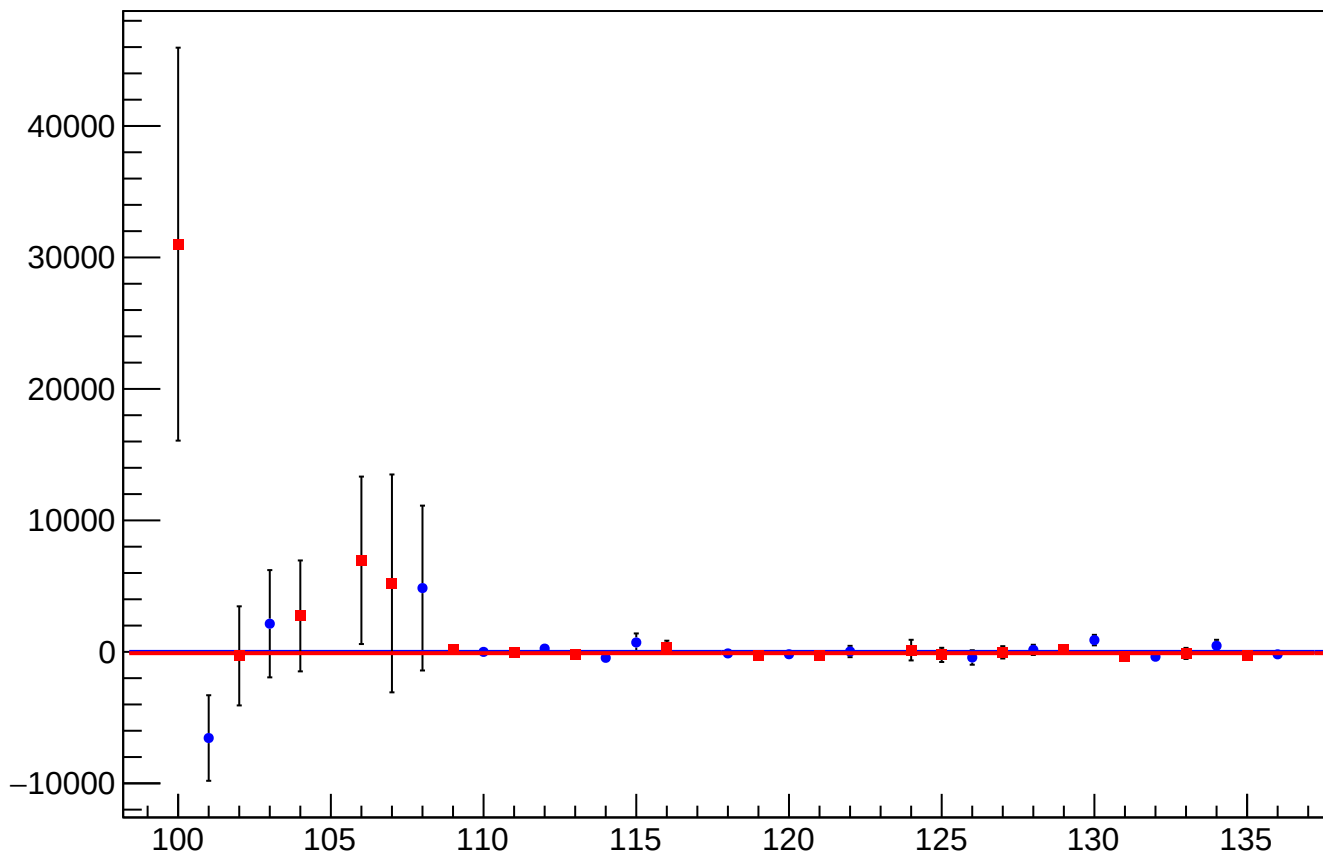
Right: 27.803+/-0.006 χ^2/NDF : 6824363.4/33

In: 27.825+/-0.008 χ^2/NDF : 3265895.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.803+/-0.006 χ^2/NDF : 6824363.4/33

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: -98.777+/-80.335 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

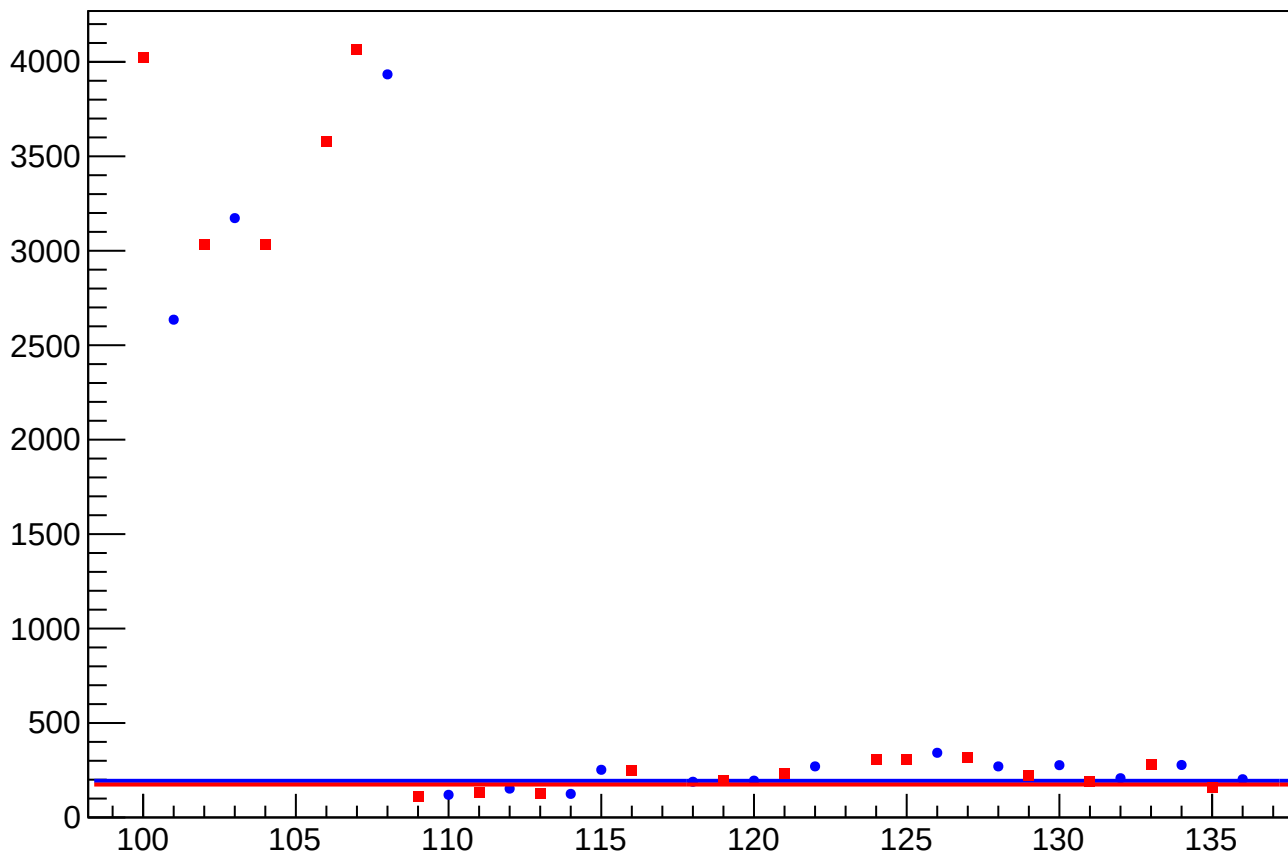
Right: -53.777+/-58.549 χ^2/NDF : 31.4/33

In: -2.795+/-85.508 χ^2/NDF :18.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -53.777+/-58.549 χ^2/NDF : 31.4/33

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: 174.182+/-0.057 χ^2/NDF : 4256083.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

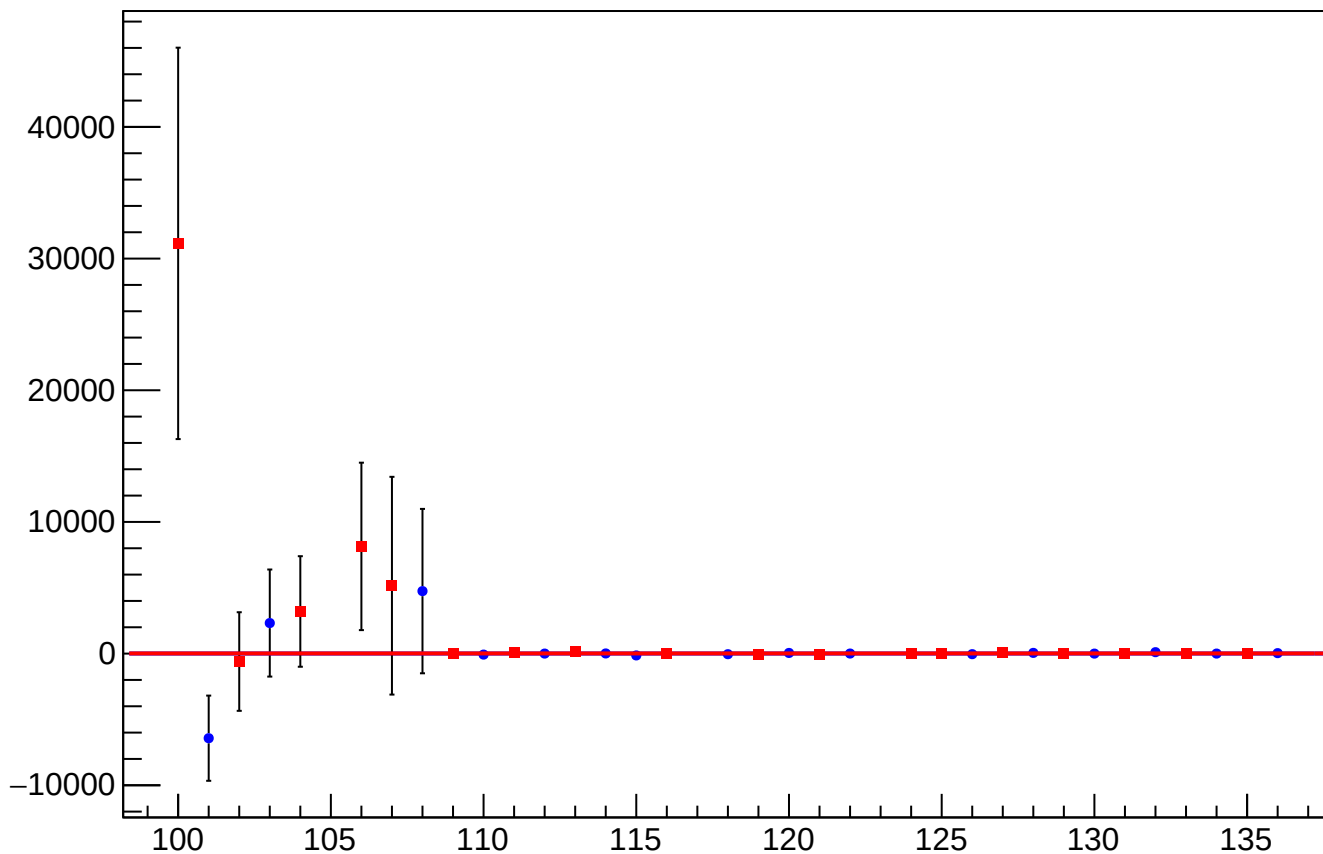
Right: 183.448+/-0.041 χ^2/NDF : 8097305.6/33

In: 193.946+/-0.060 χ^2/NDF : 3784467.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.448+/-0.041 χ^2/NDF : 8097305.6/33

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: 12.797+/-14.712 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

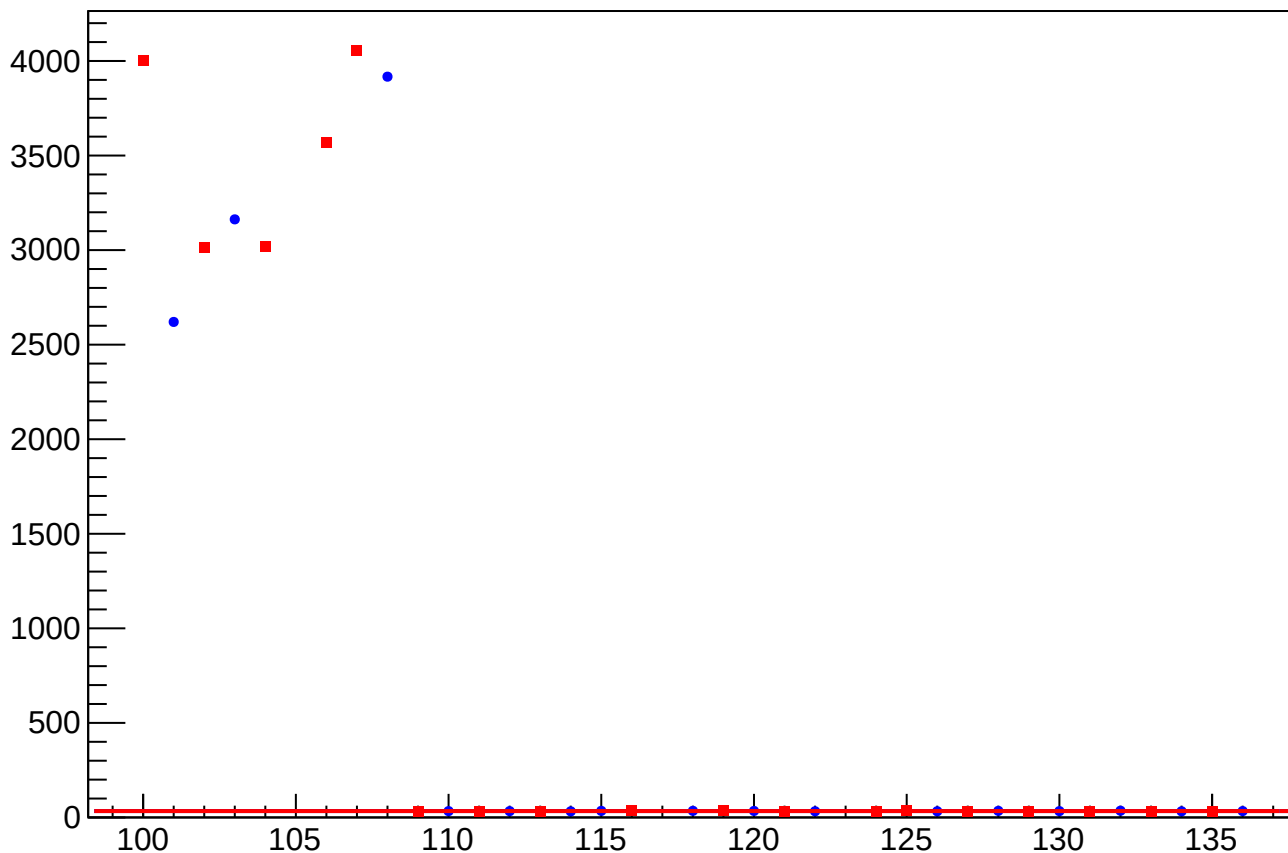
Right: 9.129+/-10.256 χ^2/NDF : 40.0/33

In: 5.660+/-14.306 χ^2/NDF : 17.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.129+/-10.256 χ^2/NDF : 40.0/33

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: 33.736+/-0.010 χ^2/NDF : 3526440.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

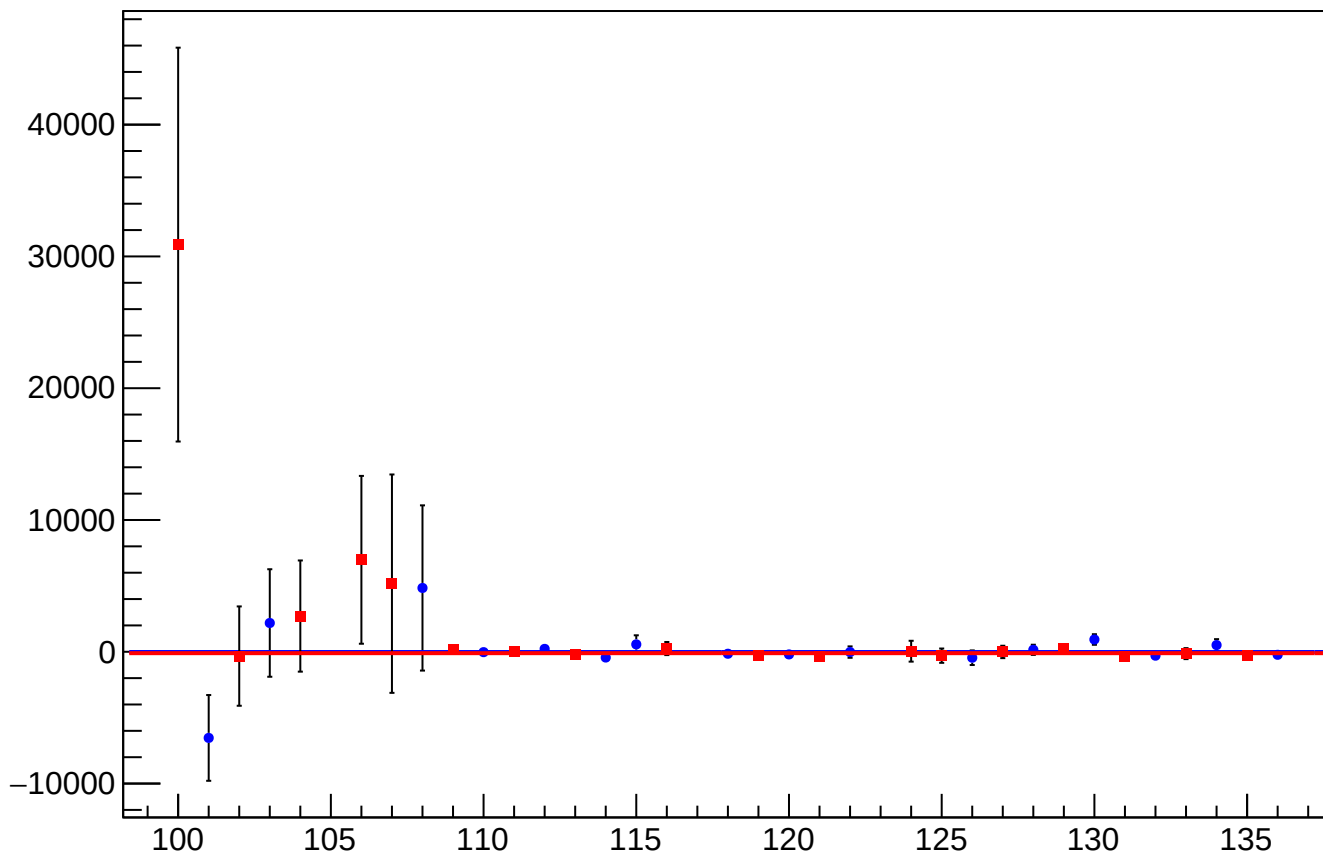
Right: 33.820+/-0.007 χ^2/NDF : 6770950.5/33

In: 33.899+/-0.010 χ^2/NDF : 3244382.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.820+/-0.007 χ^2/NDF : 6770950.5/33

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug, Sign Corrected



Right In: -19.522 ± 85.063 χ^2/NDF : 18.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -105.664 ± 79.836 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

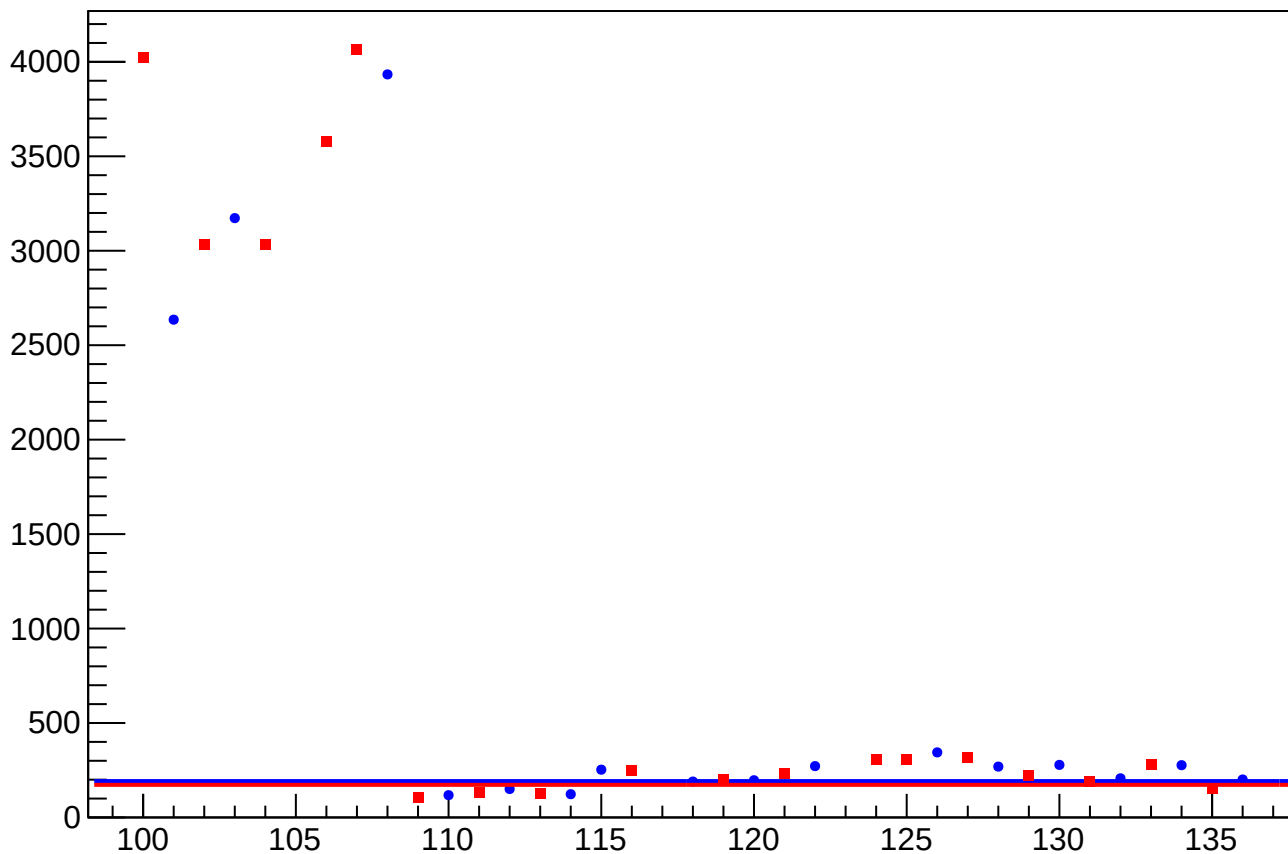
Right: -65.321 ± 58.213 χ^2/NDF : 31.1/33

In: -19.522 ± 85.063 χ^2/NDF : 18.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.321 ± 58.213 χ^2/NDF : 31.1/33

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: 172.653+/-0.056 χ^2/NDF : 4304173.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

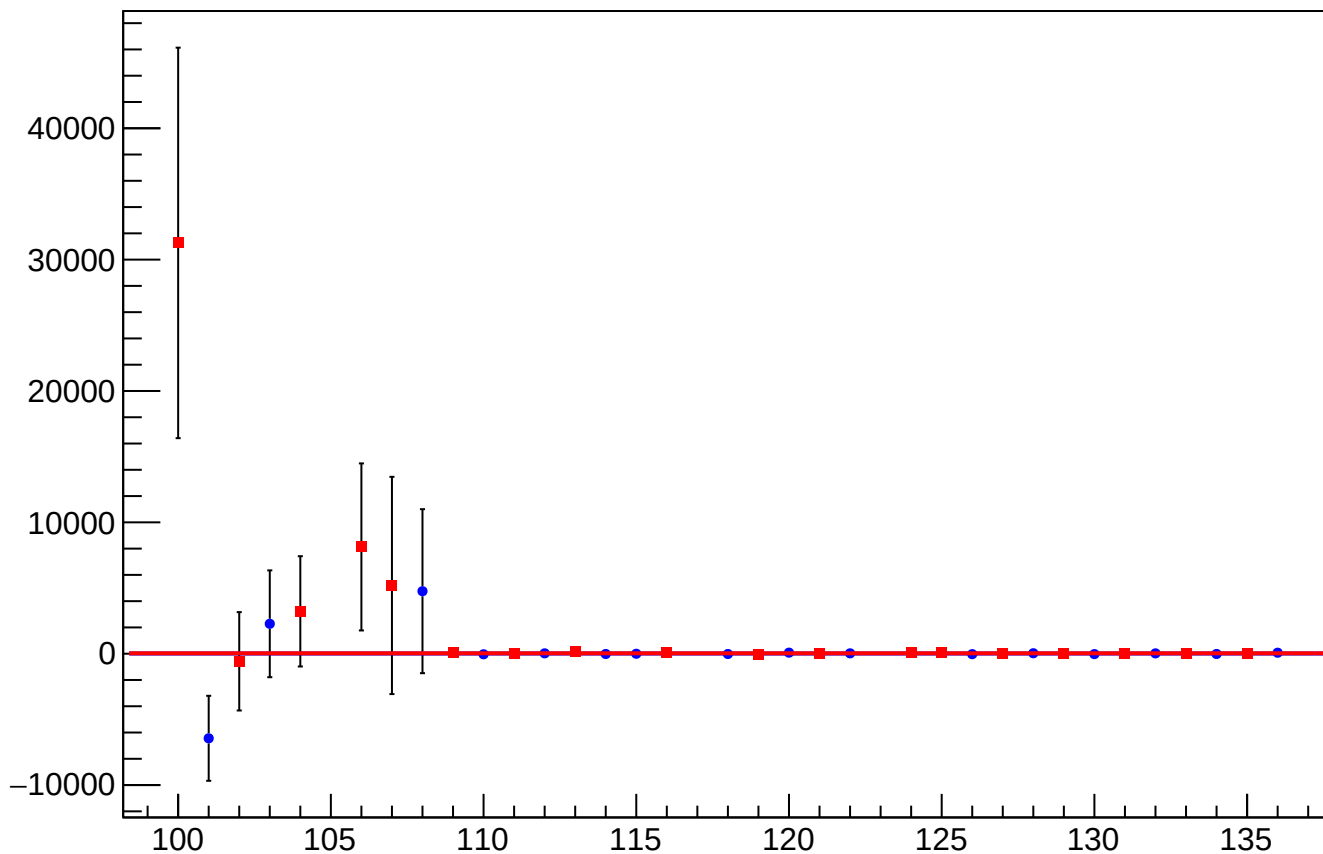
Right: 181.976+/-0.041 χ^2/NDF : 8185199.2/33

In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.976+/-0.041 χ^2/NDF : 8185199.2/33

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: 30.061+/-13.447 χ^2/NDF : 22.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

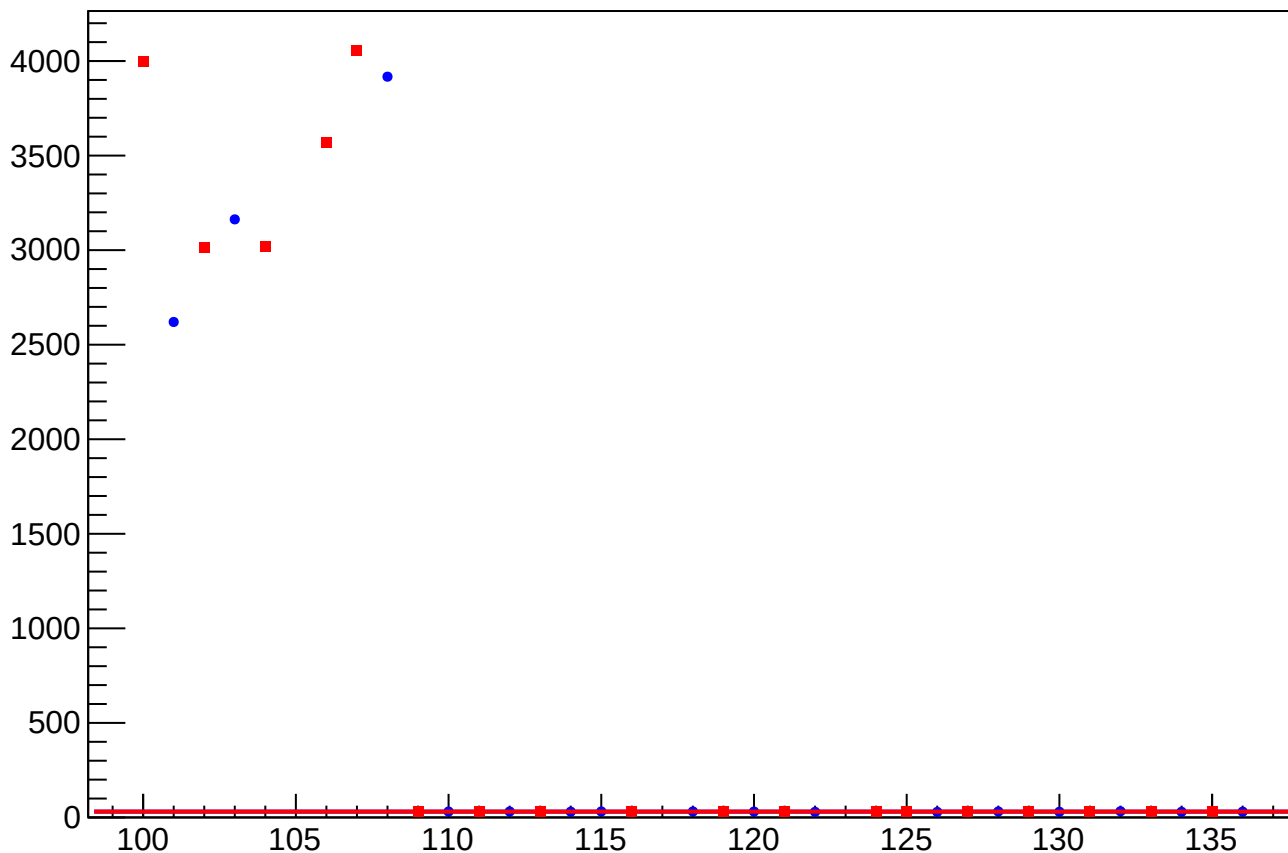
Right: 21.650+/-9.369 χ^2/NDF : 38.3/33

In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.650+/-9.369 χ^2/NDF : 38.3/33

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: 30.812+/-0.010 χ^2/NDF : 3535894.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

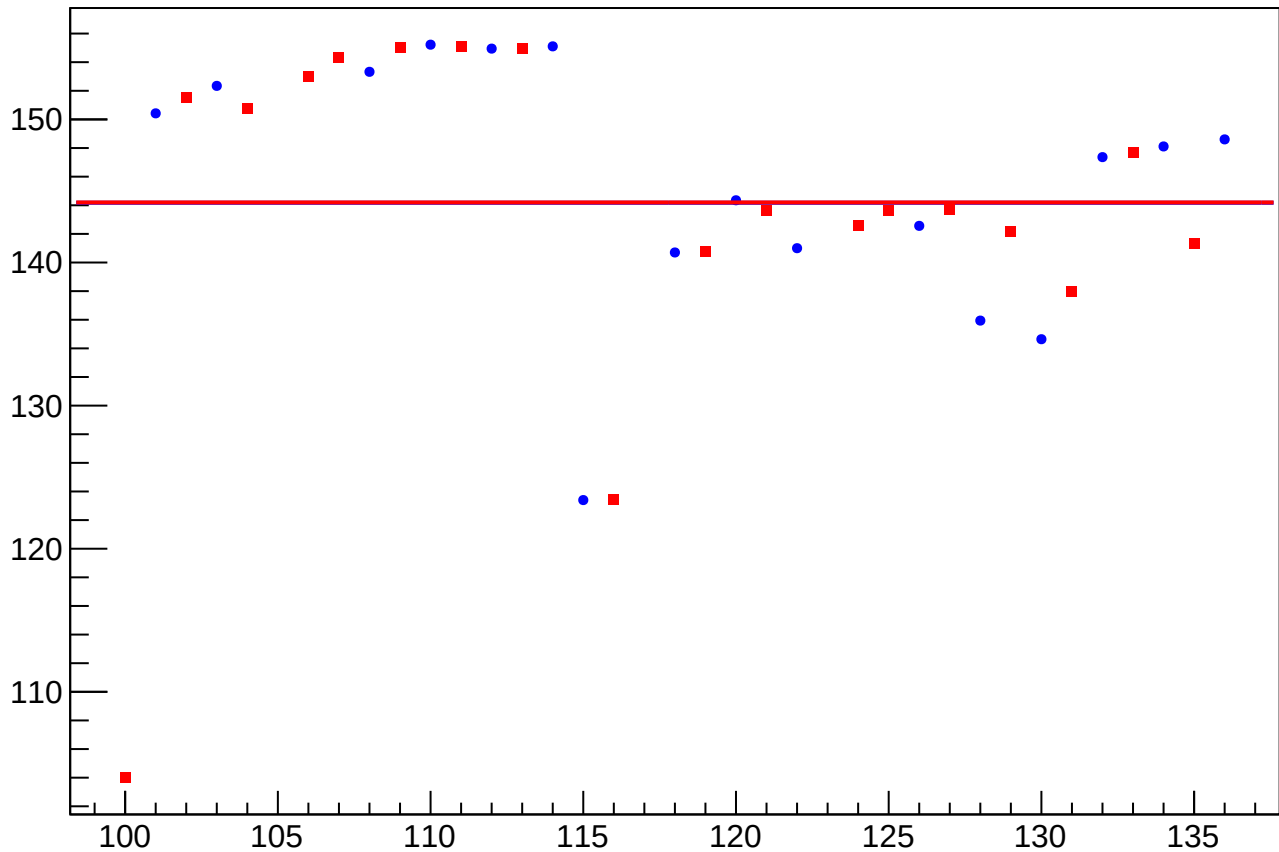
Right: 30.872+/-0.007 χ^2/NDF : 6788580.1/33

In: 30.928+/-0.009 χ^2/NDF : 3252607.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

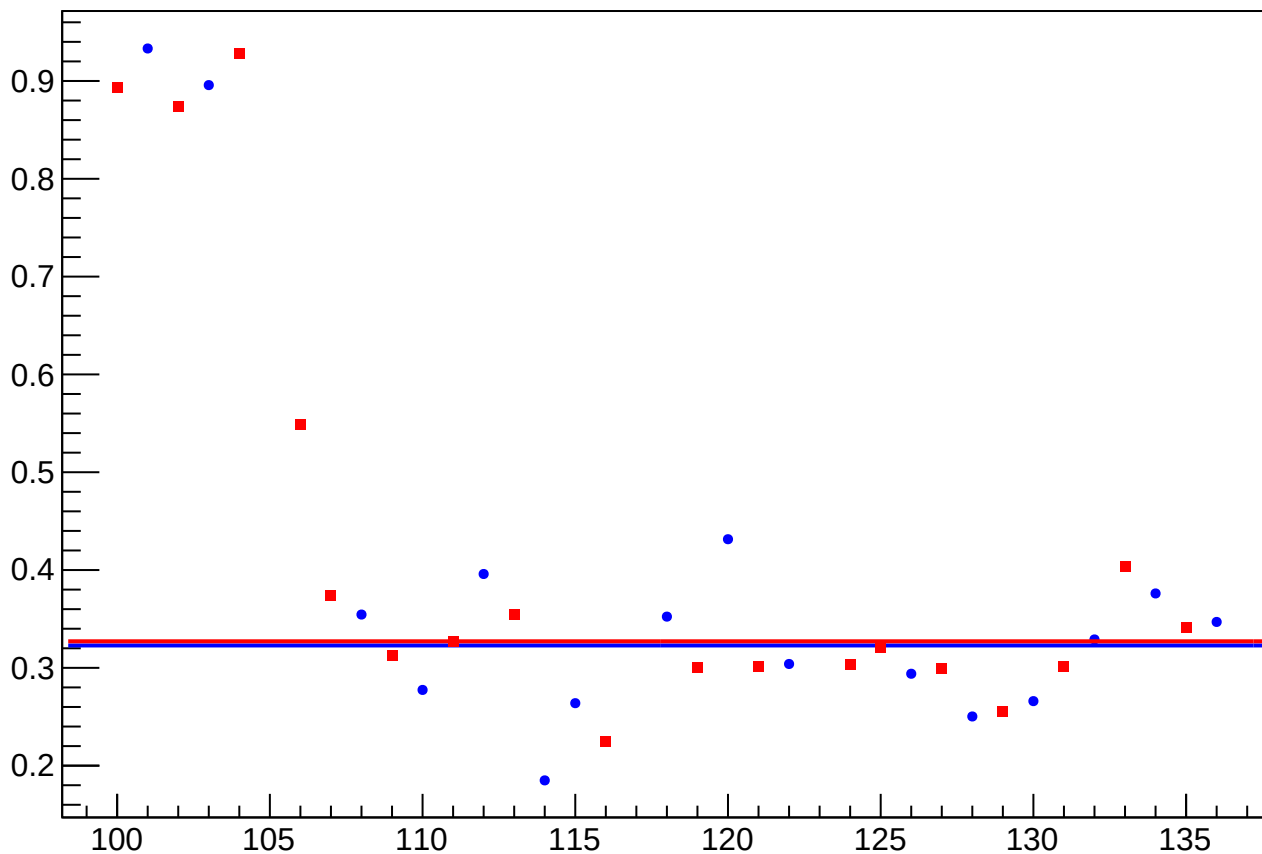
All: 30.872+/-0.007 χ^2/NDF : 6788580.1/33

yield_bcm_target_mean vs Slug, Sign Corrected



Right In: 144.176 $\pm$ 0.000 χ^2 /NDF: 3724747268.7/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 144.198 $\pm$ 0.000 χ^2 /NDF: 4237811212.1/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 144.187 $\pm$ 0.000 χ^2 /NDF: 7962571795.7/33
 Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right: 144.187 $\pm$ 0.000 χ^2 /NDF: 7962571795.7/33
 In: 144.176 $\pm$ 0.000 χ^2 /NDF: 3724747268.7/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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: 0.327+/-0.000 χ^2/NDF : 1294739.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

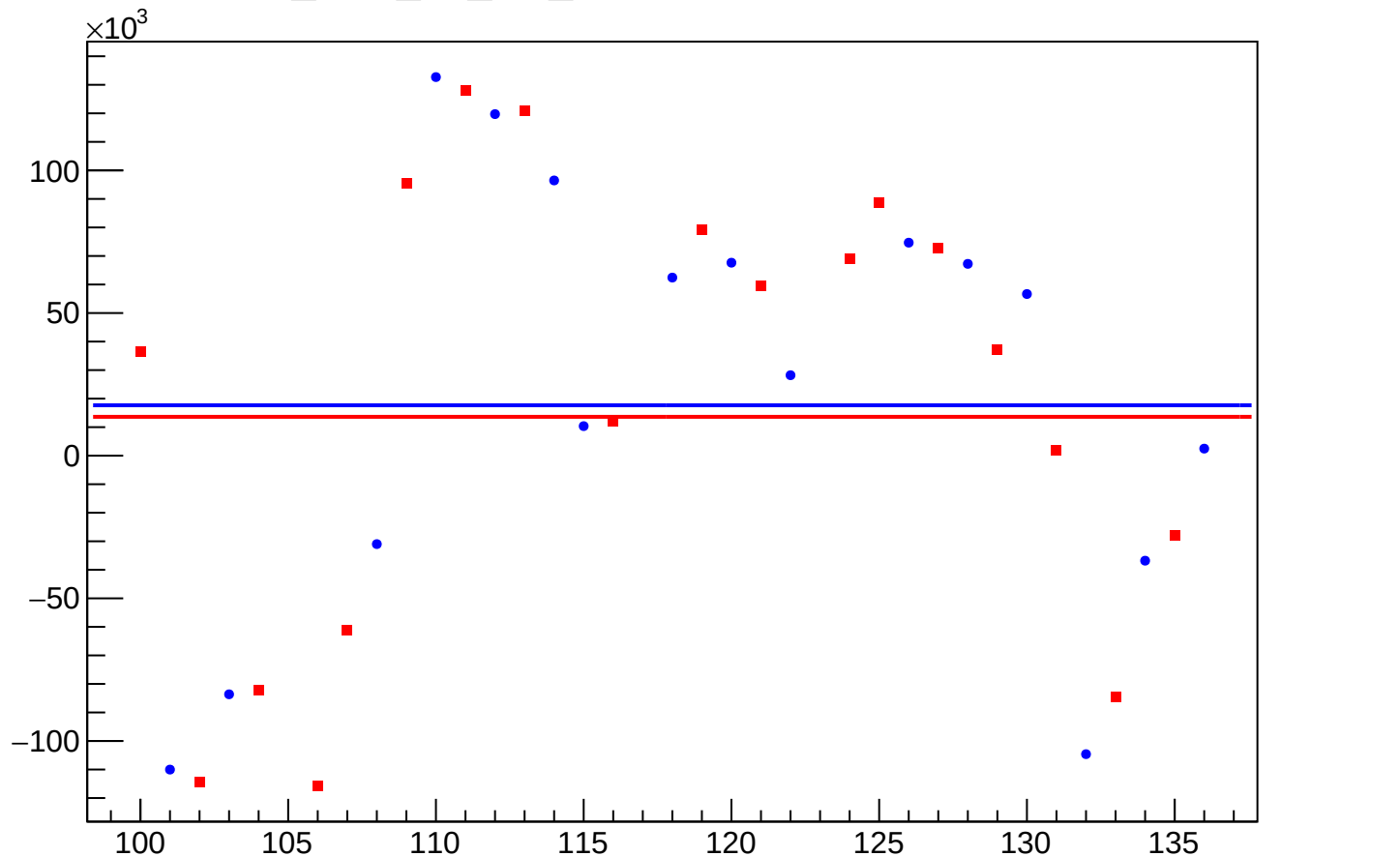
Right: 0.325+/-0.000 χ^2/NDF : 2691783.9/33

In: 0.323+/-0.000 χ^2/NDF : 1396024.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

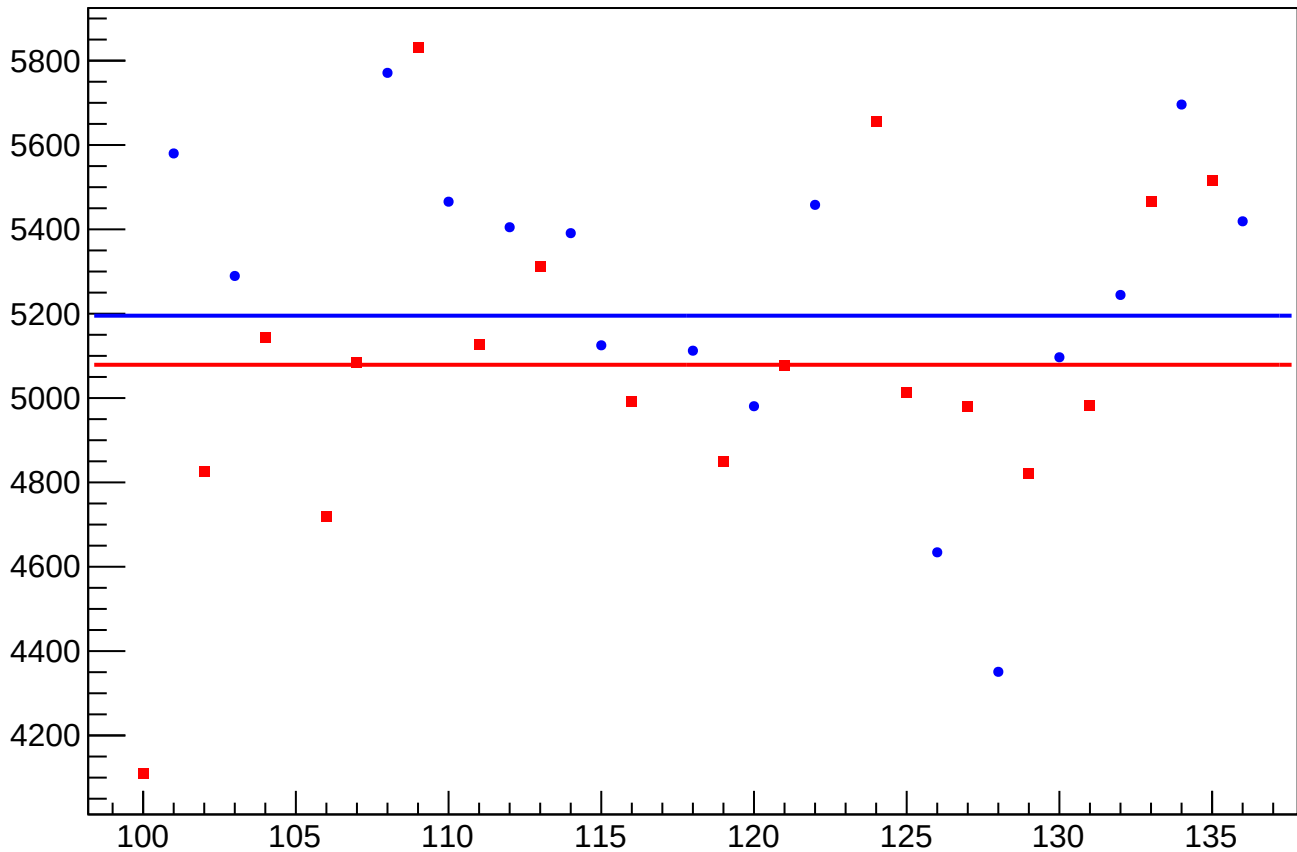
All: 0.325+/-0.000 χ^2/NDF : 2691783.9/33

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: 13629.366 $\pm$ -1.944 χ^2 /NDF: 1856944255.0/17
 Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 In: 17663.790 $\pm$ -2.006 χ^2 /NDF:1398738701.8/15
 Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0
 All: 15583.611 $\pm$ -1.396 χ^2 /NDF: 3257769492.3/3

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: 5078.891+/-1.375 χ^2/NDF : 51992.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

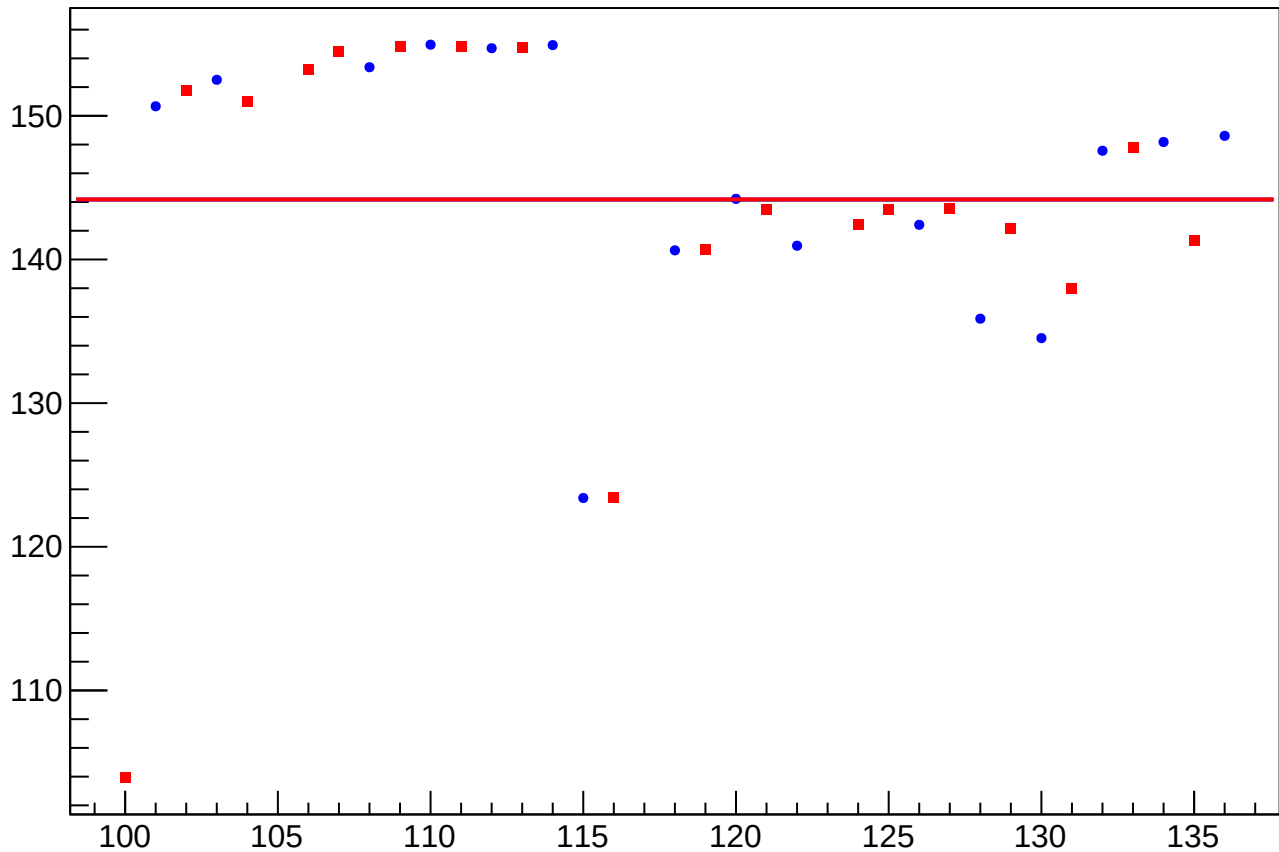
Right: 5135.278+/-0.987 χ^2/NDF : 132632.4/33

In: 5195.298+/-1.418 χ^2/NDF : 77166.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

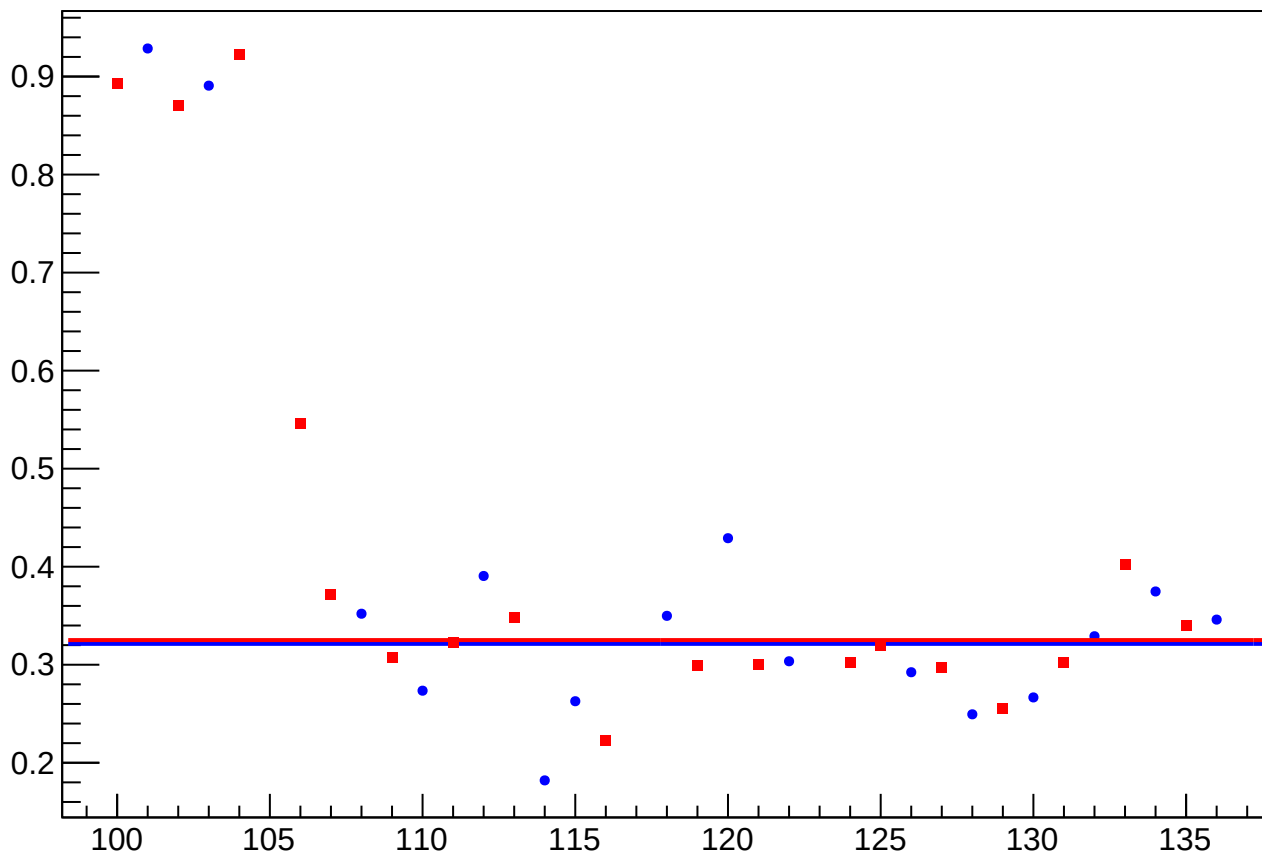
All: 5135.278+/-0.987 χ^2/NDF : 132632.4/33

yield_bcm_an_ds_mean vs Slug, Sign Corrected



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: 144.181+/-0.000 χ^2/NDF : 4263348947.7/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.176+/-0.000 χ^2/NDF : 8028187645.9/33

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: 0.325+/-0.000 χ^2/NDF : 1293025.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

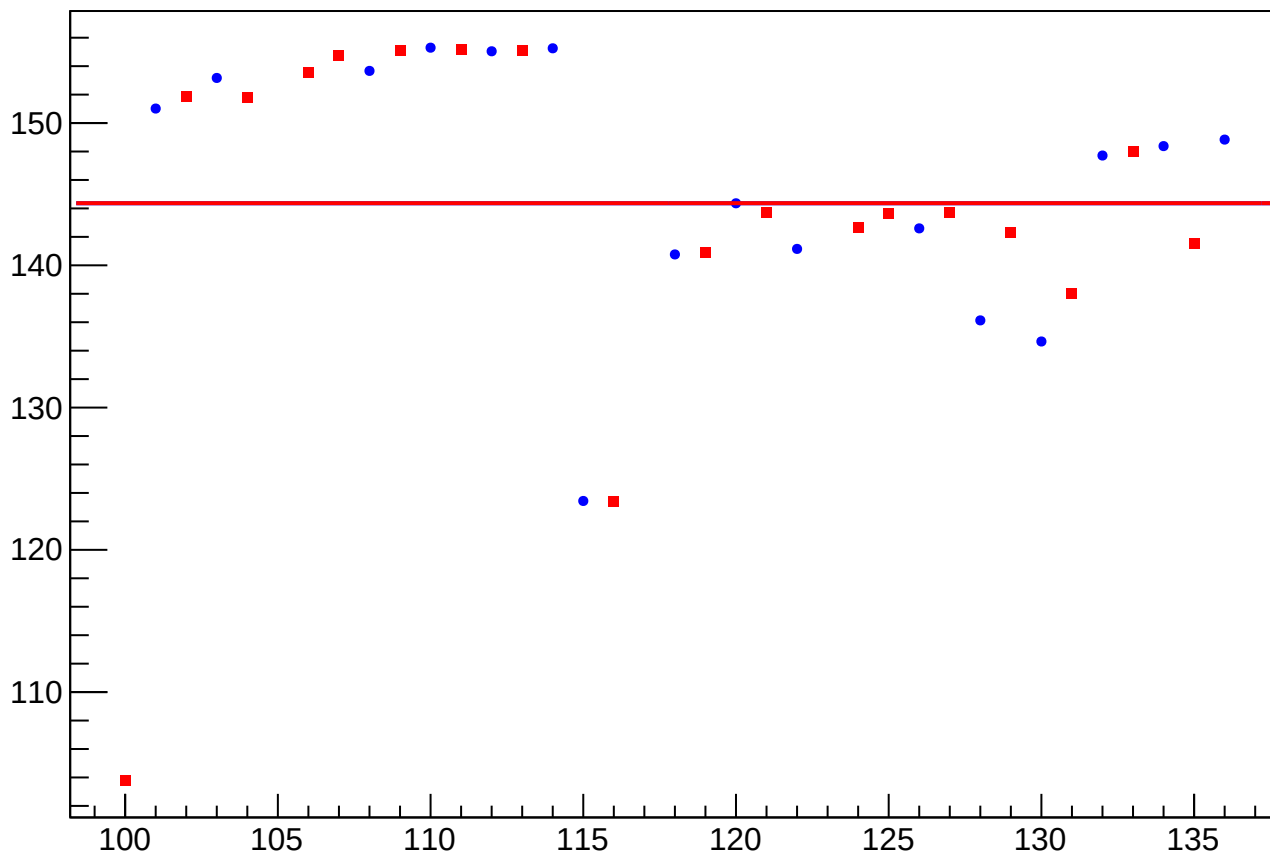
Right: 0.323+/-0.000 χ^2/NDF : 2690114.1/33

In: 0.321+/-0.000 χ^2/NDF : 1396250.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

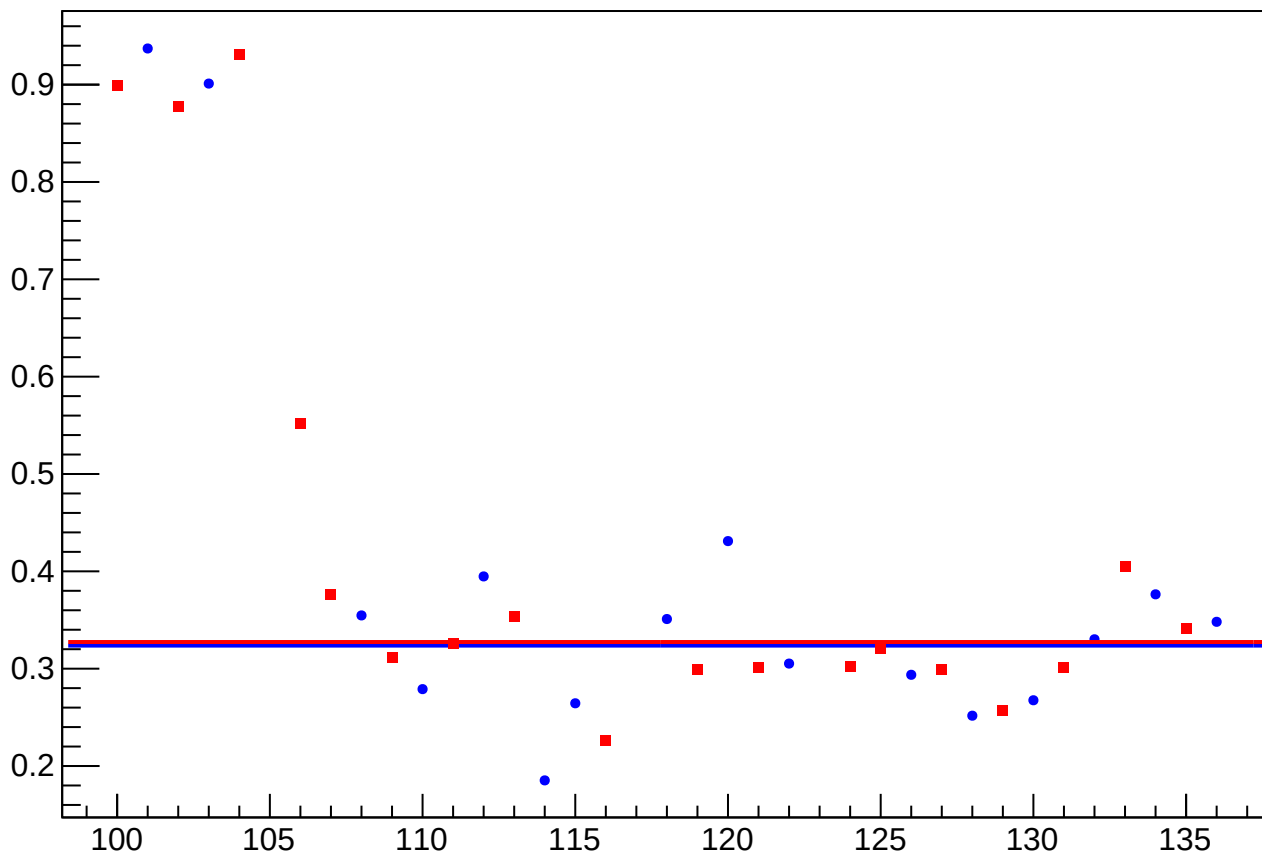
All: 0.323+/-0.000 χ^2/NDF : 2690114.1/33

yield_bcm_an_ds3_mean vs Slug, Sign Corrected



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: 144.368+/-0.000 χ^2/NDF : 4255395689.2/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.365+/-0.000 χ^2/NDF : 8014022669.0/33

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: 0.327+/-0.000 χ^2/NDF : 1293487.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

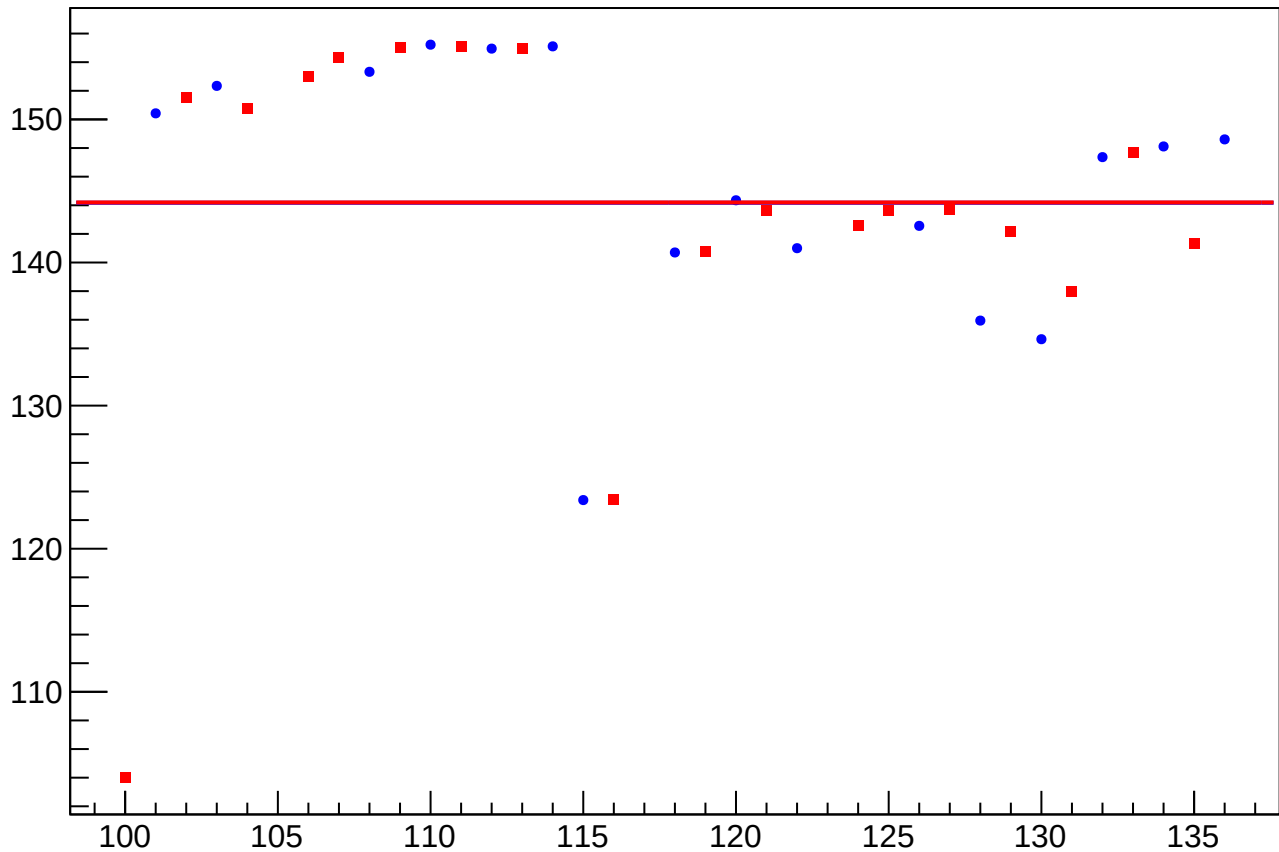
Right: 0.326+/-0.000 χ^2/NDF : 2686618.8/33

In: 0.324+/-0.000 χ^2/NDF : 1392377.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

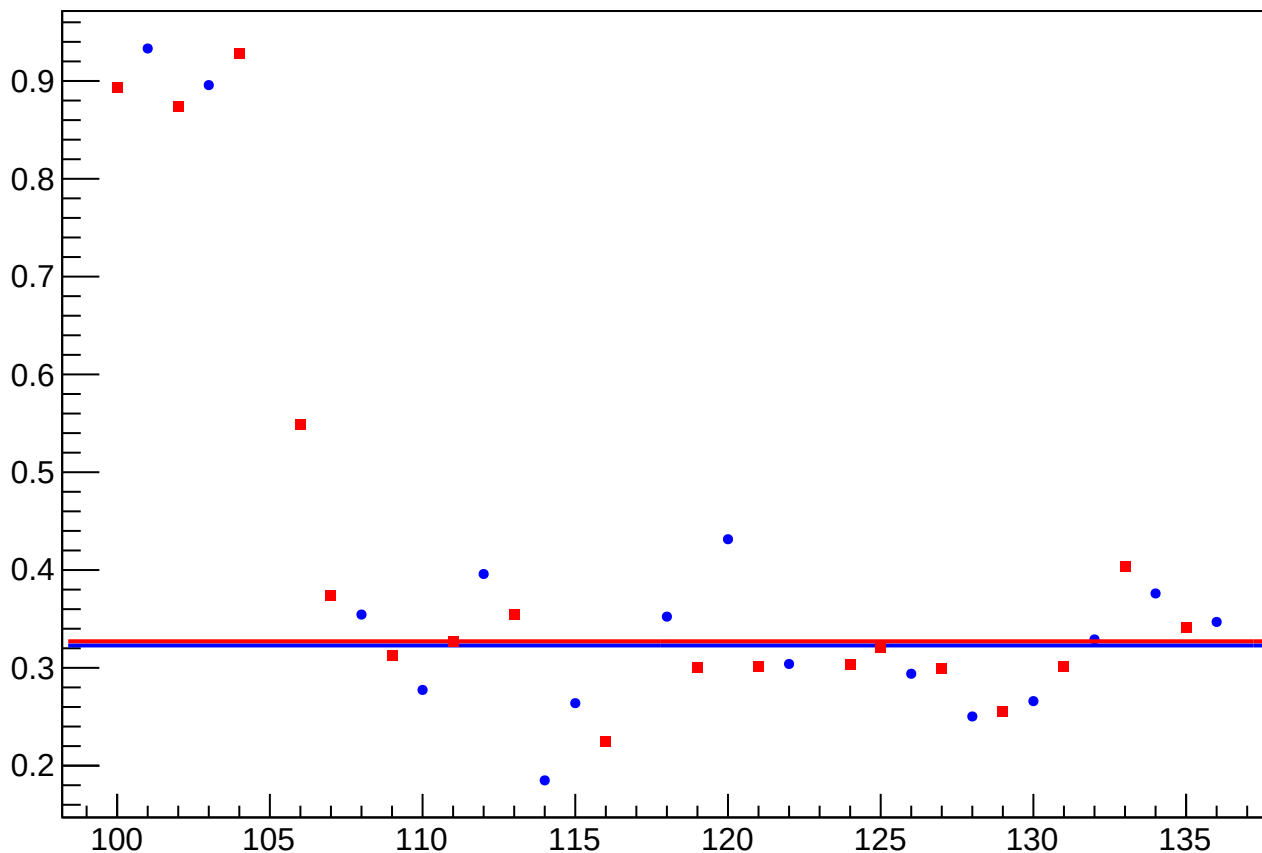
All: 0.326+/-0.000 χ^2/NDF : 2686618.8/33

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: 144.198+/-0.000 χ^2/NDF : 4237811212.1/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 144.187+/-0.000 χ^2/NDF : 7962571795.7/33

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: 0.327+/-0.000 χ^2/NDF : 1294739.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

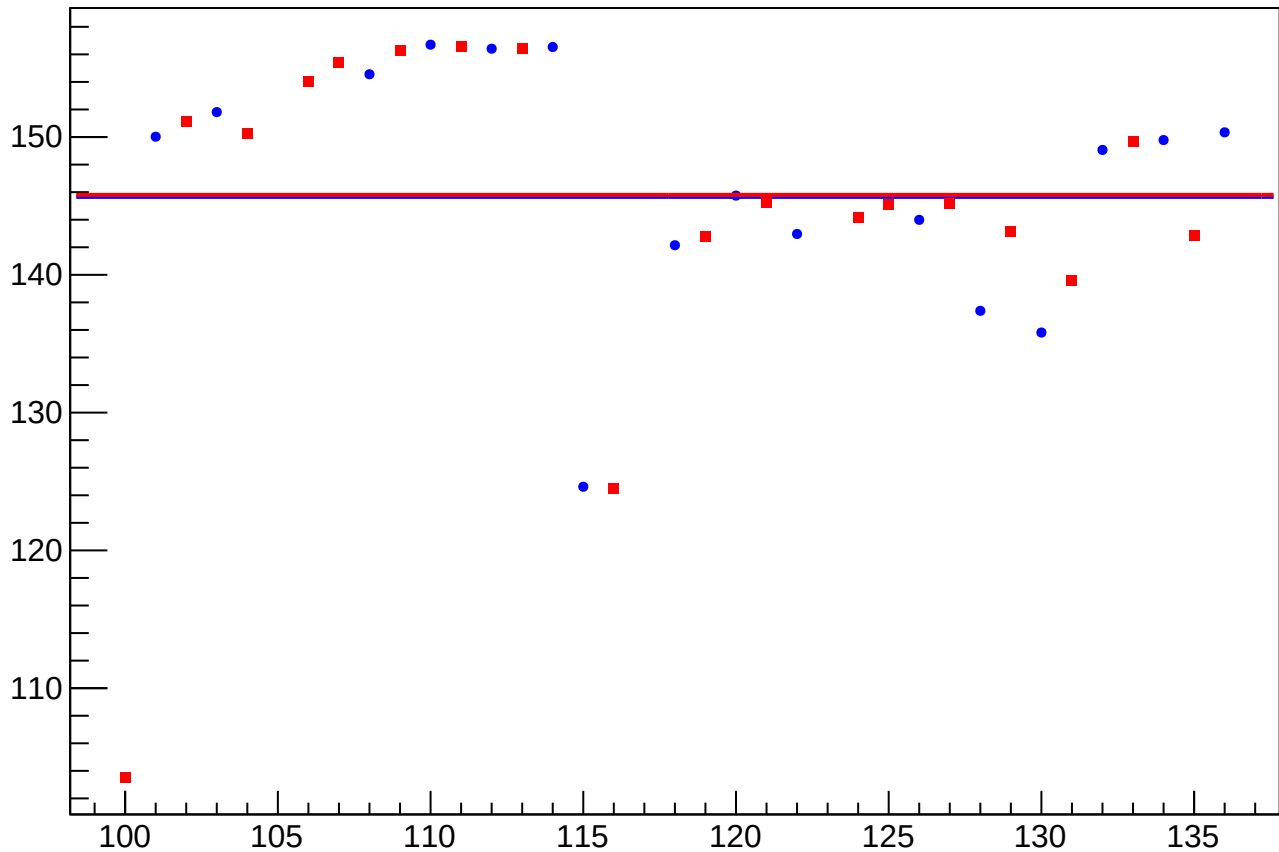
Right: 0.325+/-0.000 χ^2/NDF : 2691783.9/33

In: 0.323+/-0.000 χ^2/NDF :1396024.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

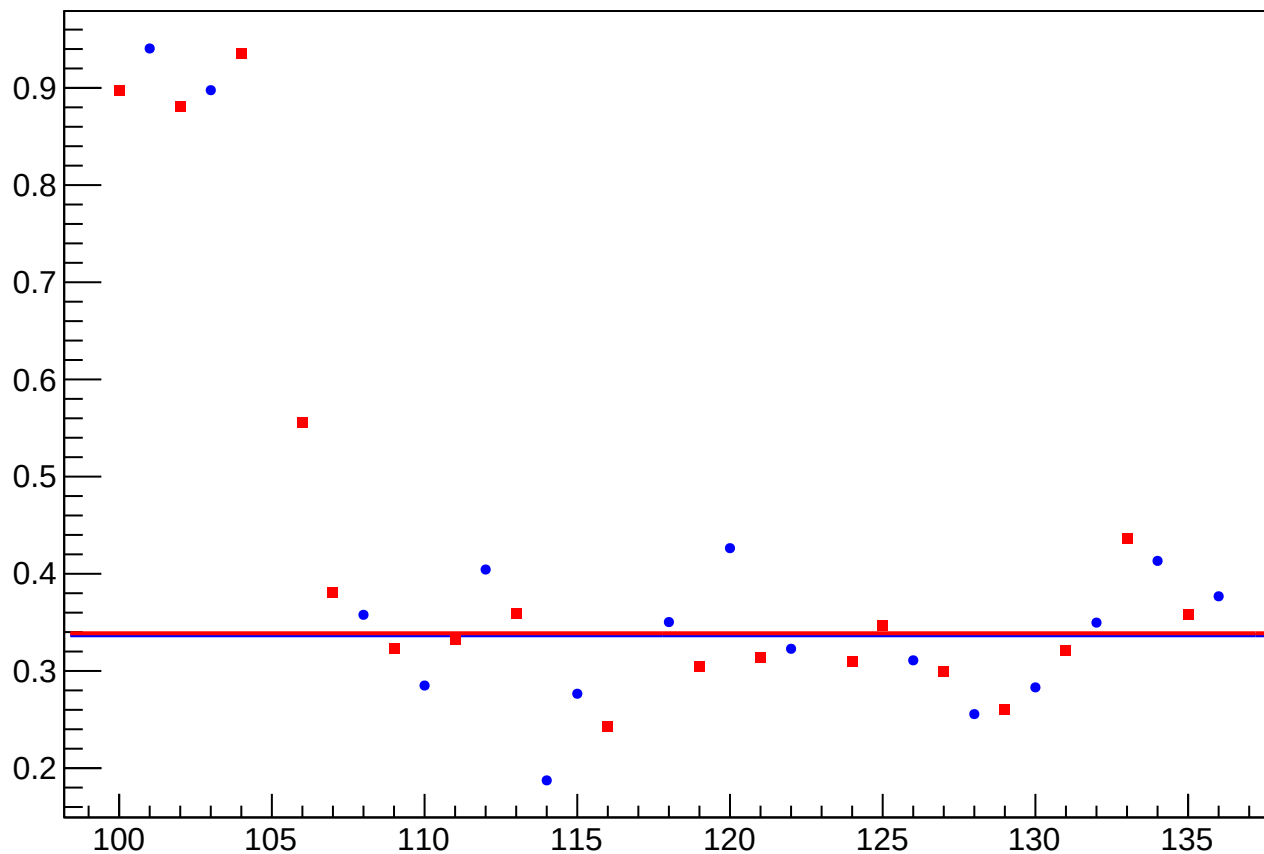
All: 0.325+/-0.000 χ^2/NDF : 2691783.9/33

yield_bcm_dg_us_mean vs Slug, Sign Corrected



Right In: 145.657+/-0.000 χ^2/NDF : 3481495345.2/15
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: 145.730+/-0.000 χ^2/NDF : 7320847007.0/33
 Right Out: 145.804+/-0.000 χ^2/NDF : 3838792130.1/17
 In: 145.657+/-0.000 χ^2/NDF : 3481495345.2/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 145.730+/-0.000 χ^2/NDF : 7320847007.0

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: 0.339+/-0.000 χ^2/NDF : 1262645.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

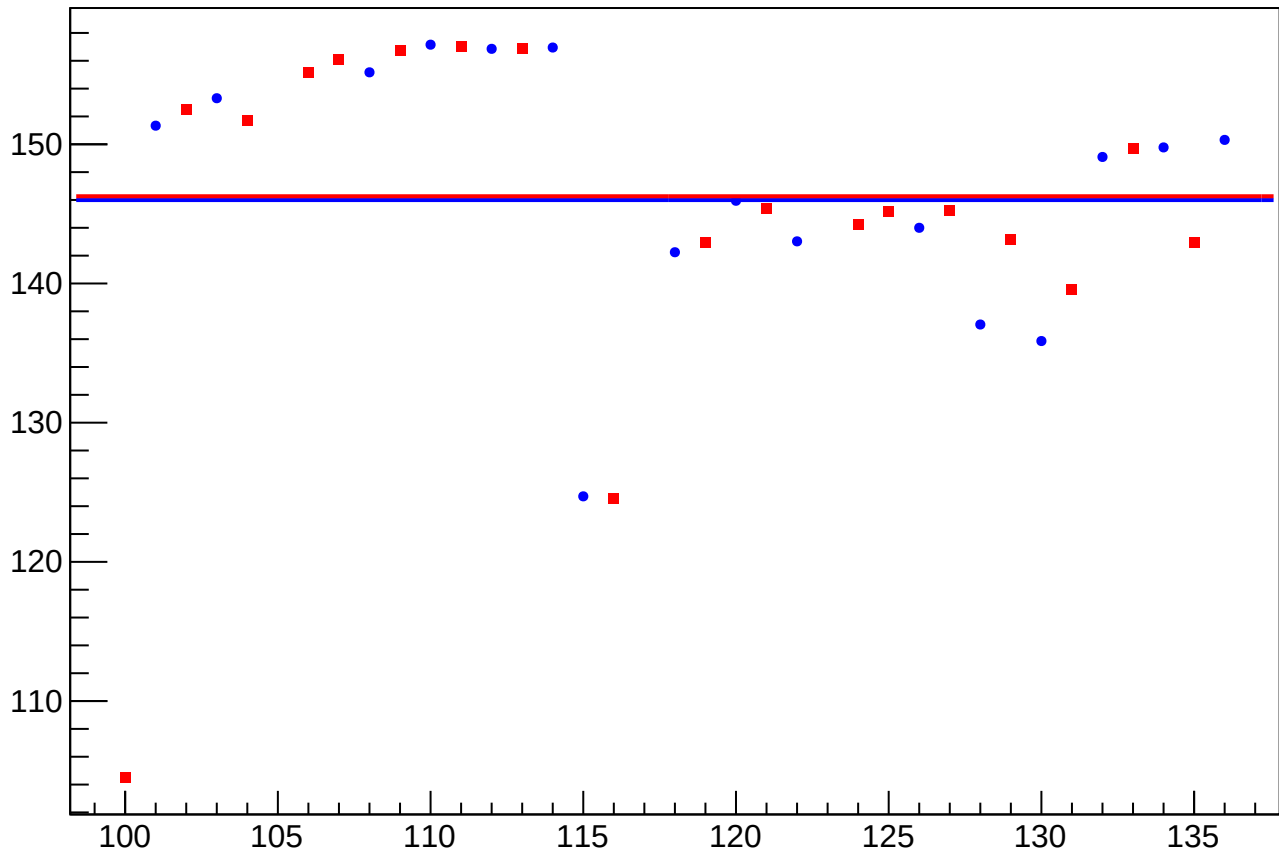
Right: 0.338+/-0.000 χ^2/NDF : 2633374.5/33

In: 0.337+/-0.000 χ^2/NDF : 1370512.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

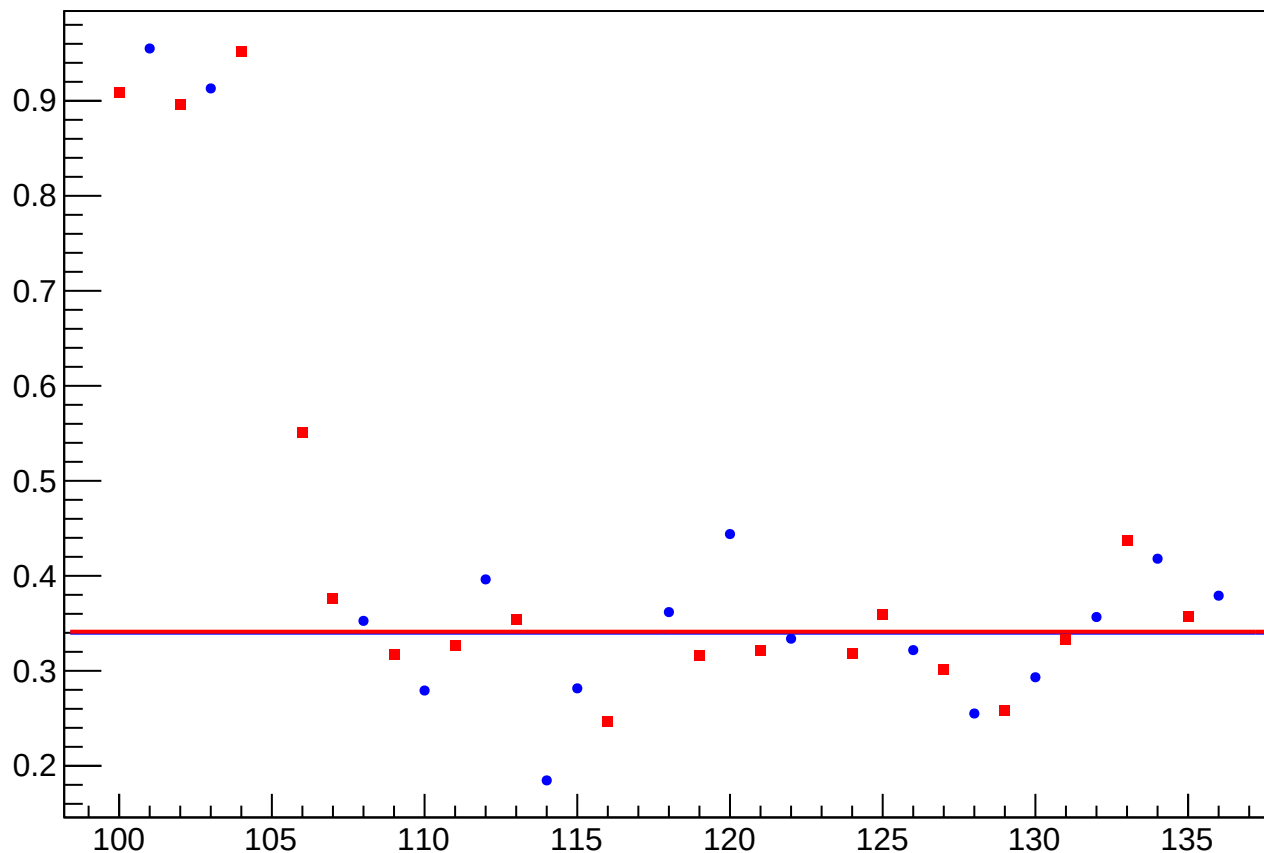
All: 0.338+/-0.000 χ^2/NDF : 2633374.5/33

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: 146.267 $\pm$ 0.000 χ^2 /NDF: 3943937635.8/17
 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: 146.129 $\pm$ 0.000 χ^2 /NDF: 7567487266.0/33
 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: 146.129 $\pm$ 0.000 χ^2 /NDF: 7567487266.0

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: 0.341+/-0.000 χ^2/NDF : 1260122.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

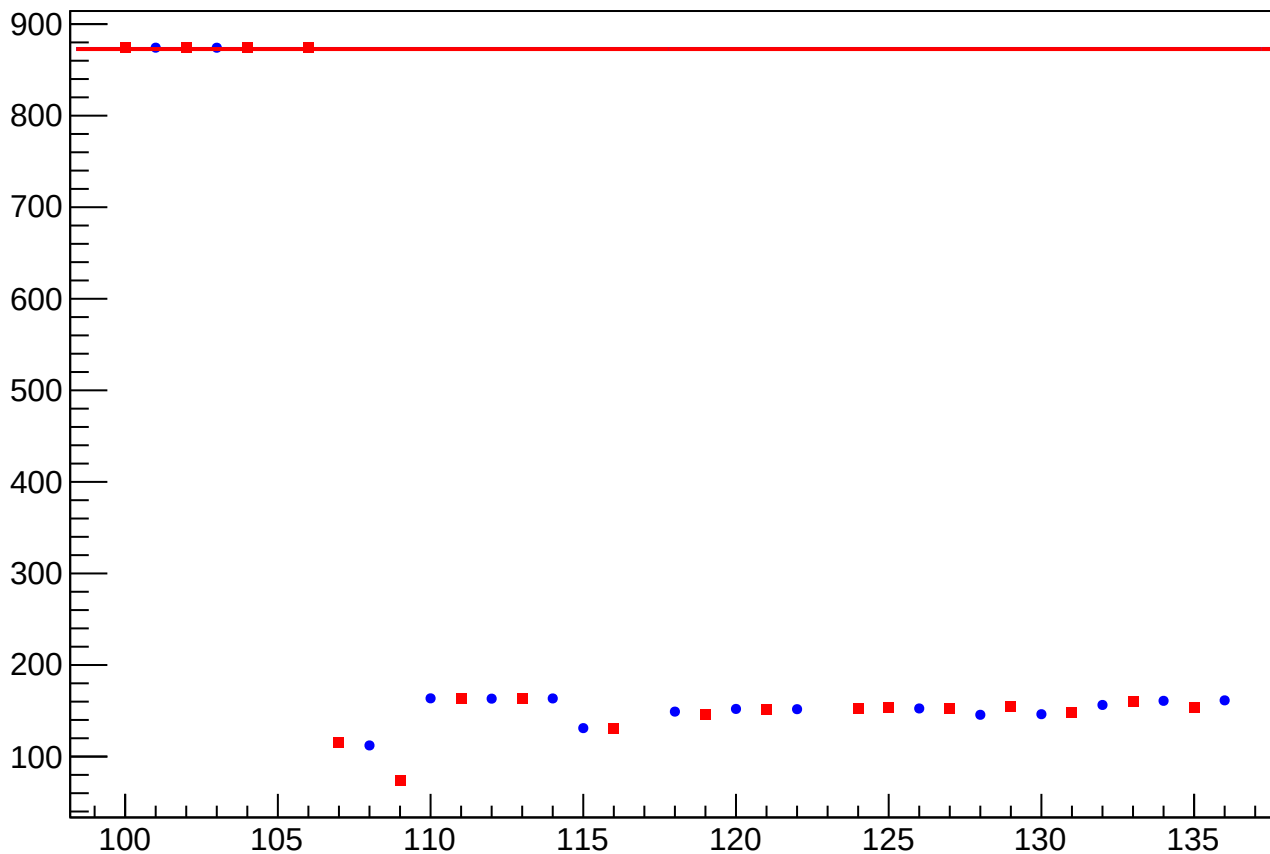
Right: 0.341+/-0.000 χ^2/NDF : 2653399.8/33

In: 0.340+/-0.000 χ^2/NDF : 1393222.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

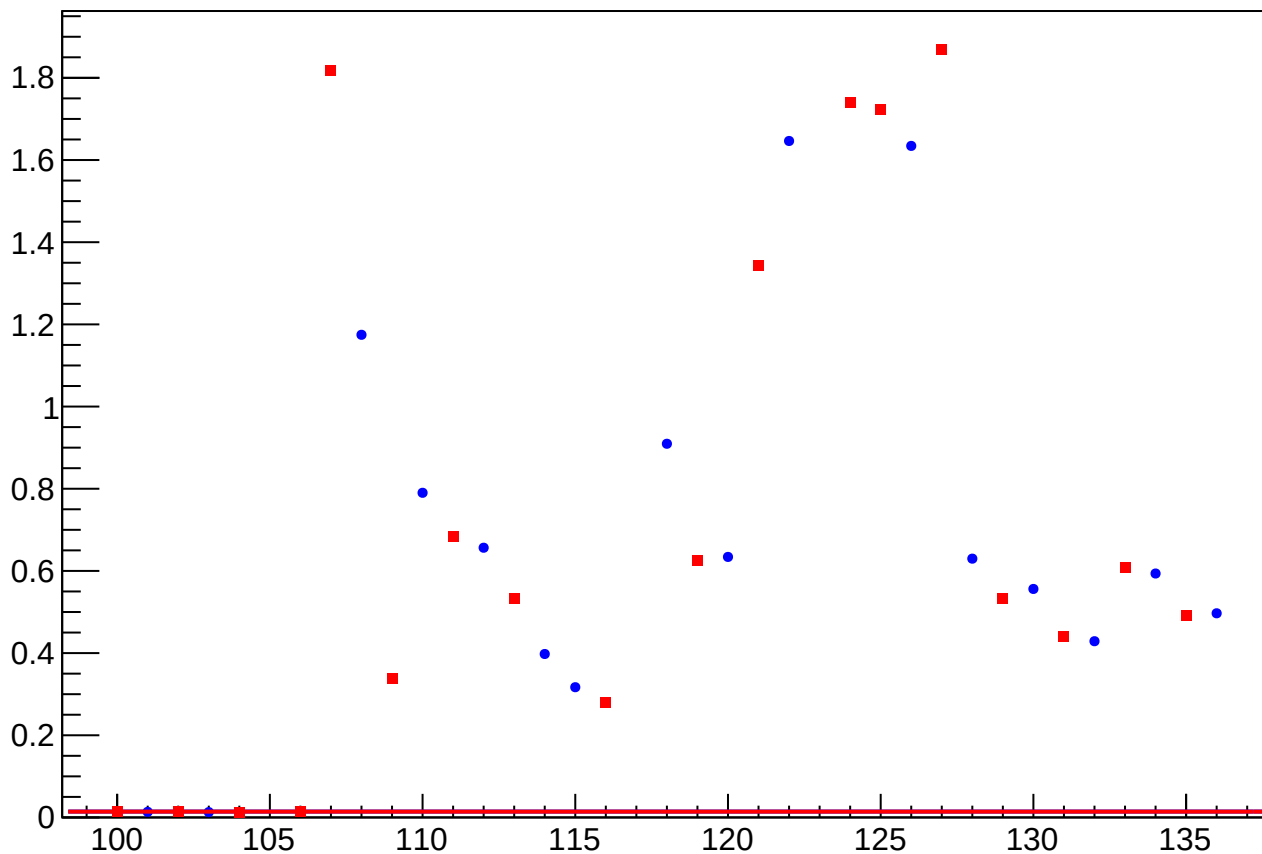
All: 0.341+/-0.000 χ^2/NDF : 2653399.8/33

yield_cav4bQ_mean vs Slug, Sign Corrected



Right In: 872.822 $\pm$ 0.000 χ^2 /NDF: 7191496833472.3/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 872.745 $\pm$ 0.000 χ^2 /NDF: 8765559792239.6/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 872.780 $\pm$ 0.000 χ^2 /NDF: 15957079416060.0

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 : 9038953.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

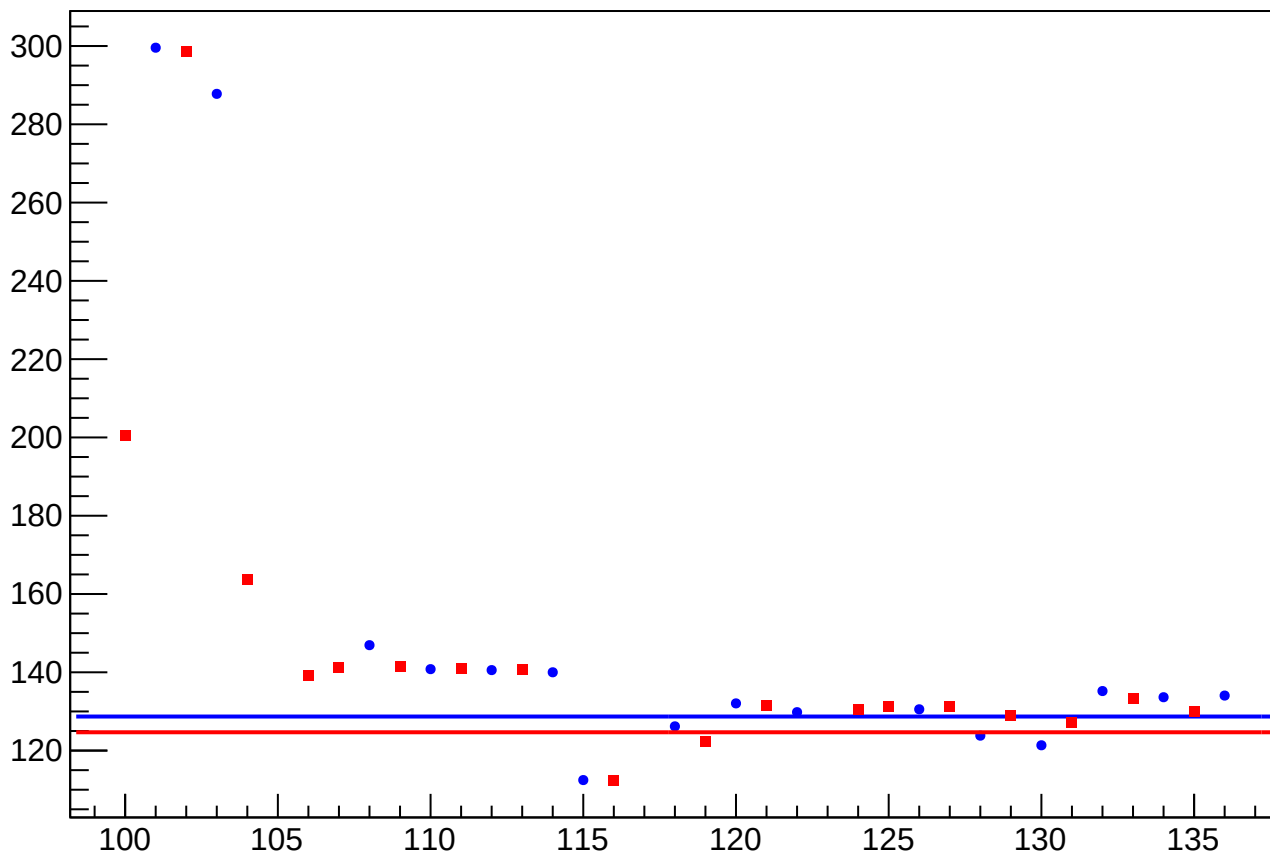
Right: 0.014+/-0.000 χ^2/NDF : 18661398.8/33

In: 0.014+/-0.000 χ^2/NDF : 9622176.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

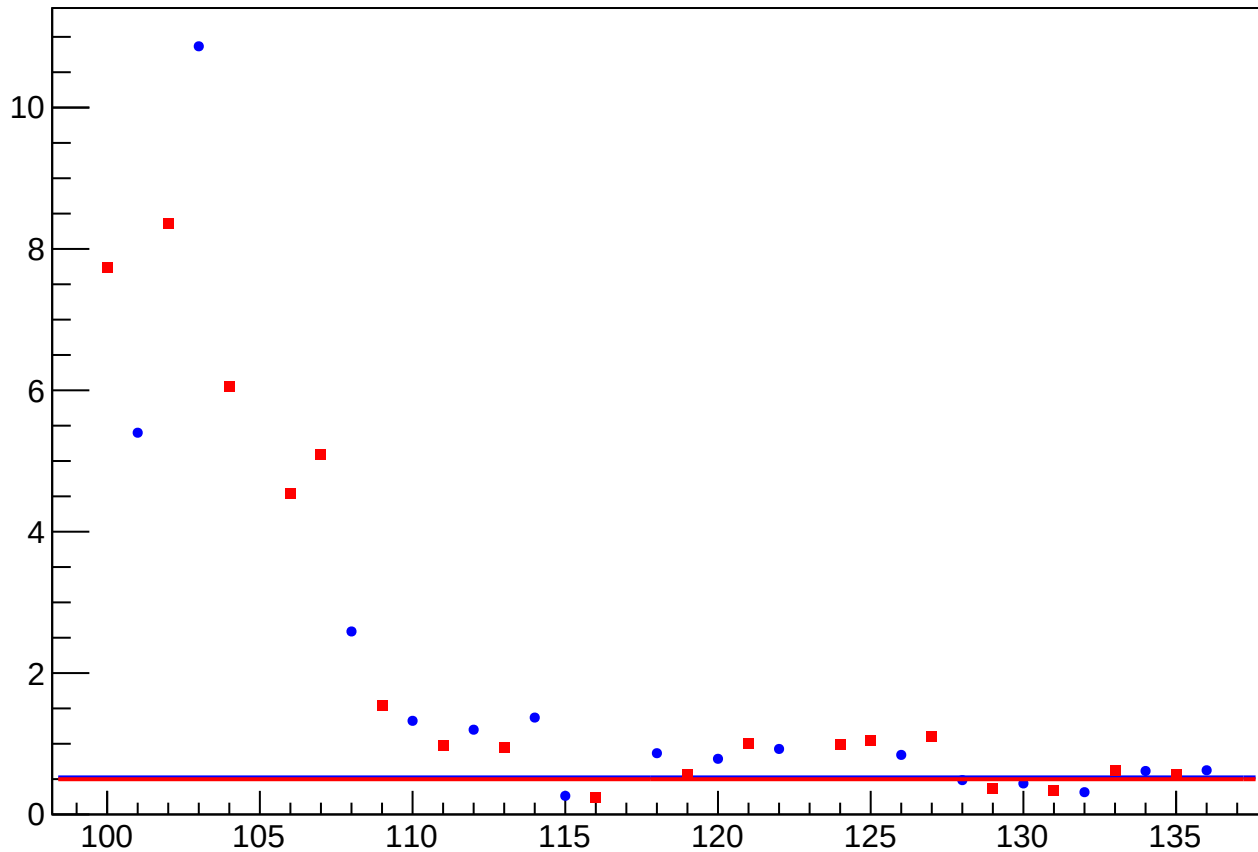
All: 0.014+/-0.000 χ^2/NDF : 18661398.8/33

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: 126.668+/-0.000 χ^2/NDF : 3129146266.1/33
 Right Out: 124.679+/-0.000 χ^2/NDF : 1363706144.9/17
 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: 126.668+/-0.000 χ^2/NDF : 3129146266.1

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: 0.498+/-0.000 χ^2/NDF : 4879027.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

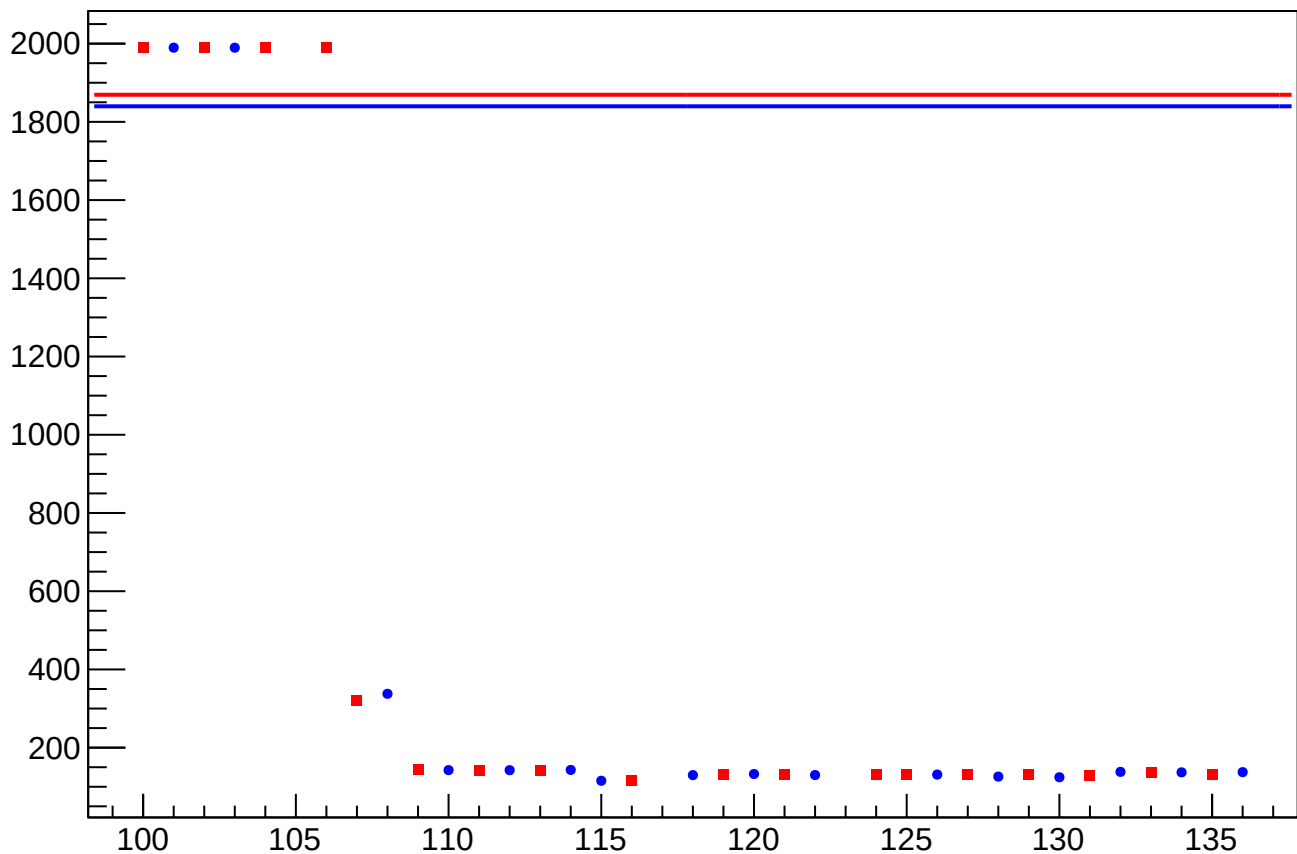
Right: 0.511+/-0.000 χ^2/NDF : 9026384.6/33

In: 0.524+/-0.000 χ^2/NDF : 4138409.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

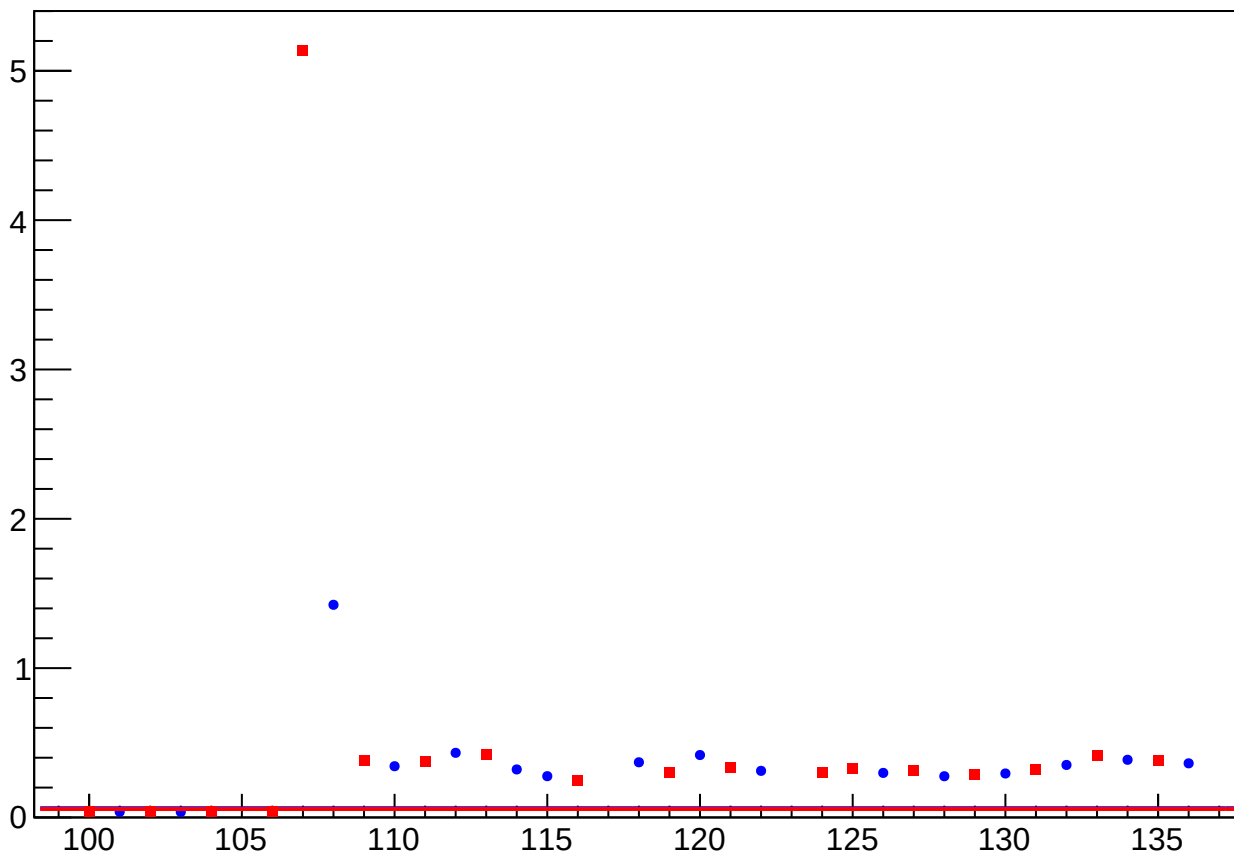
All: 0.511+/-0.000 χ^2/NDF : 9026384.6/33

yield_cav4dQ_mean vs Slug, Sign Corrected



Right In: 1839.782+/-0.000 χ^2/NDF : 145916014549797.4/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: 1869.255+/-0.000 χ^2/NDF : 138987052570999.1/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 1855.644+/-0.000 χ^2/NDF : 28516968709435

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 : 7451284.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

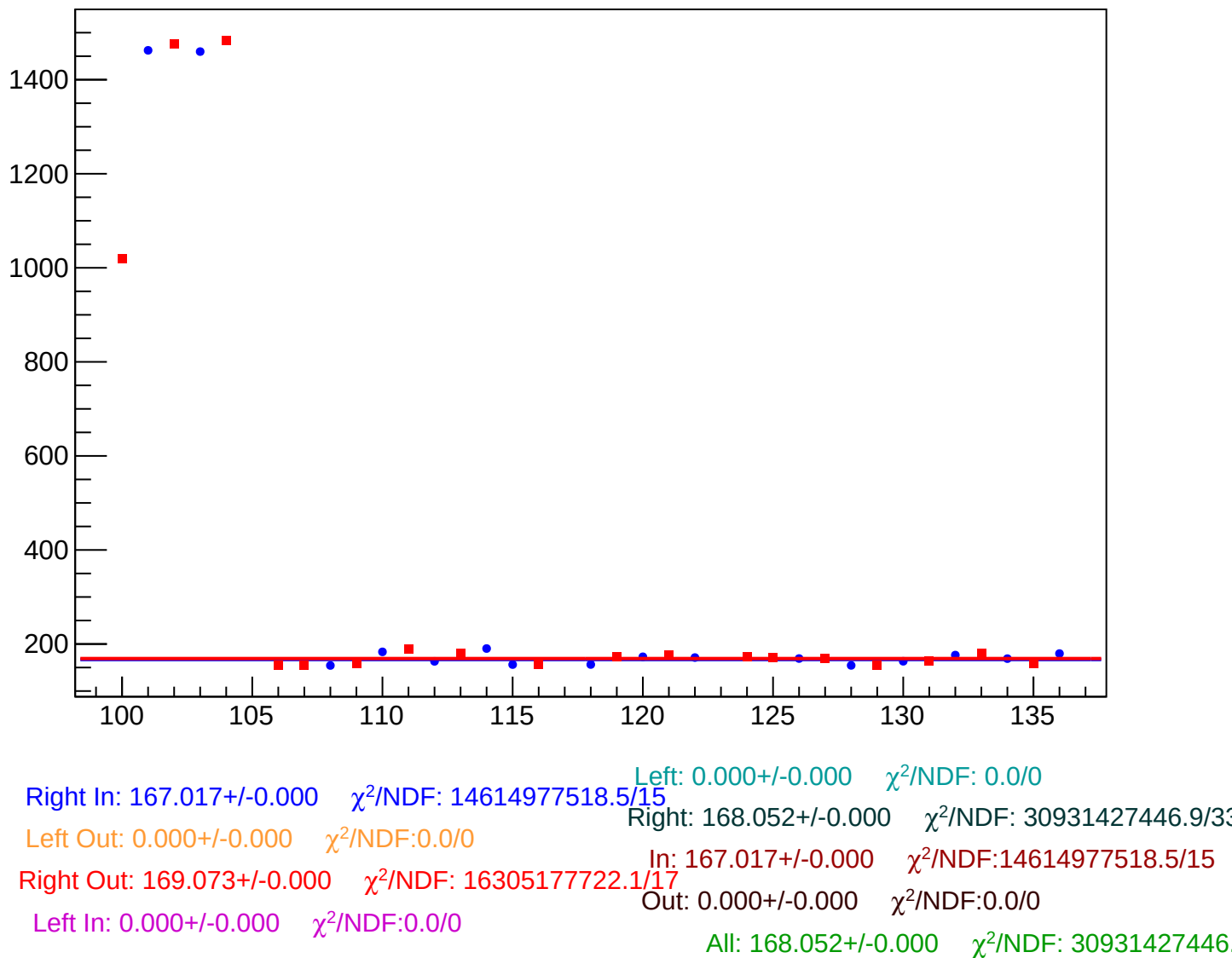
Right: 0.059+/-0.000 χ^2/NDF : 15641014.4/33

In: 0.062+/-0.000 χ^2/NDF : 8173578.9/15

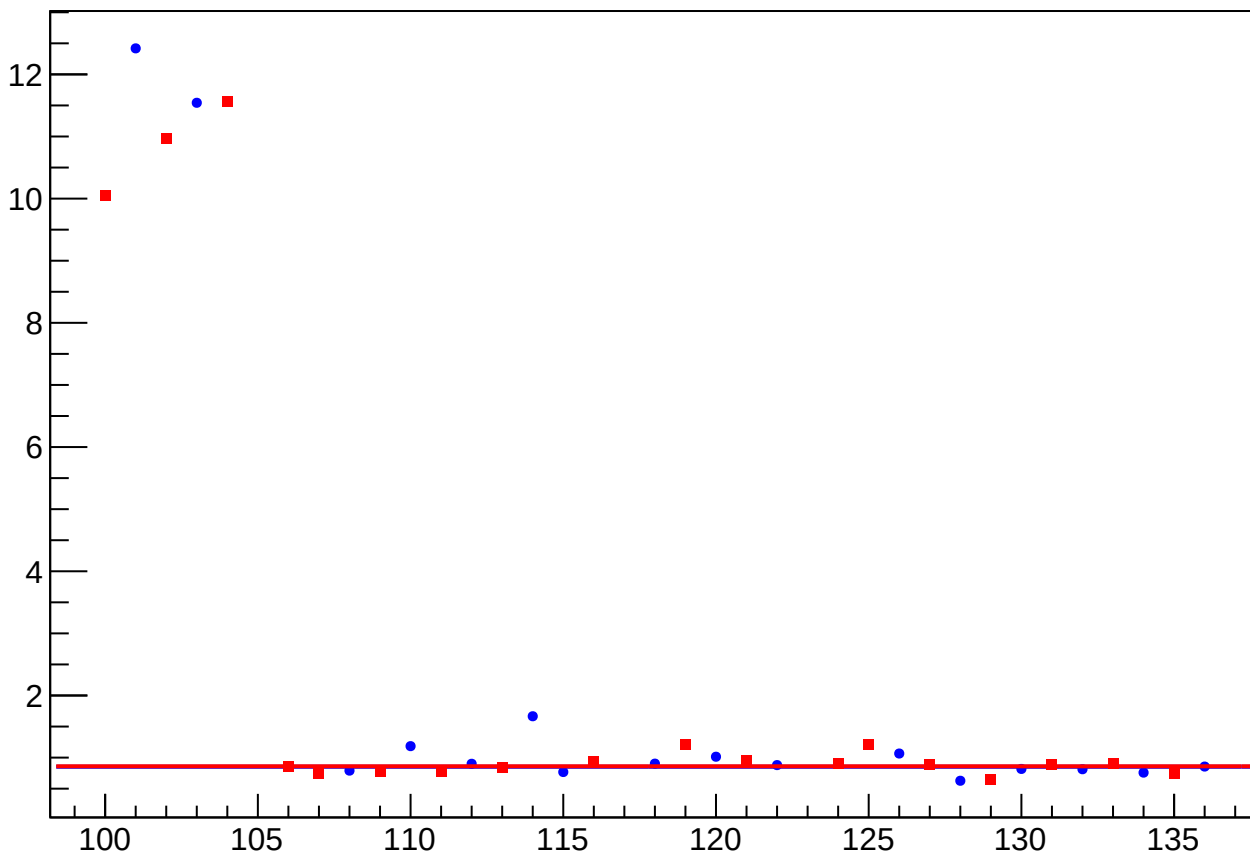
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.059+/-0.000 χ^2/NDF : 15641014.4/33

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: 0.860+/-0.000 χ^2/NDF : 2197218.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

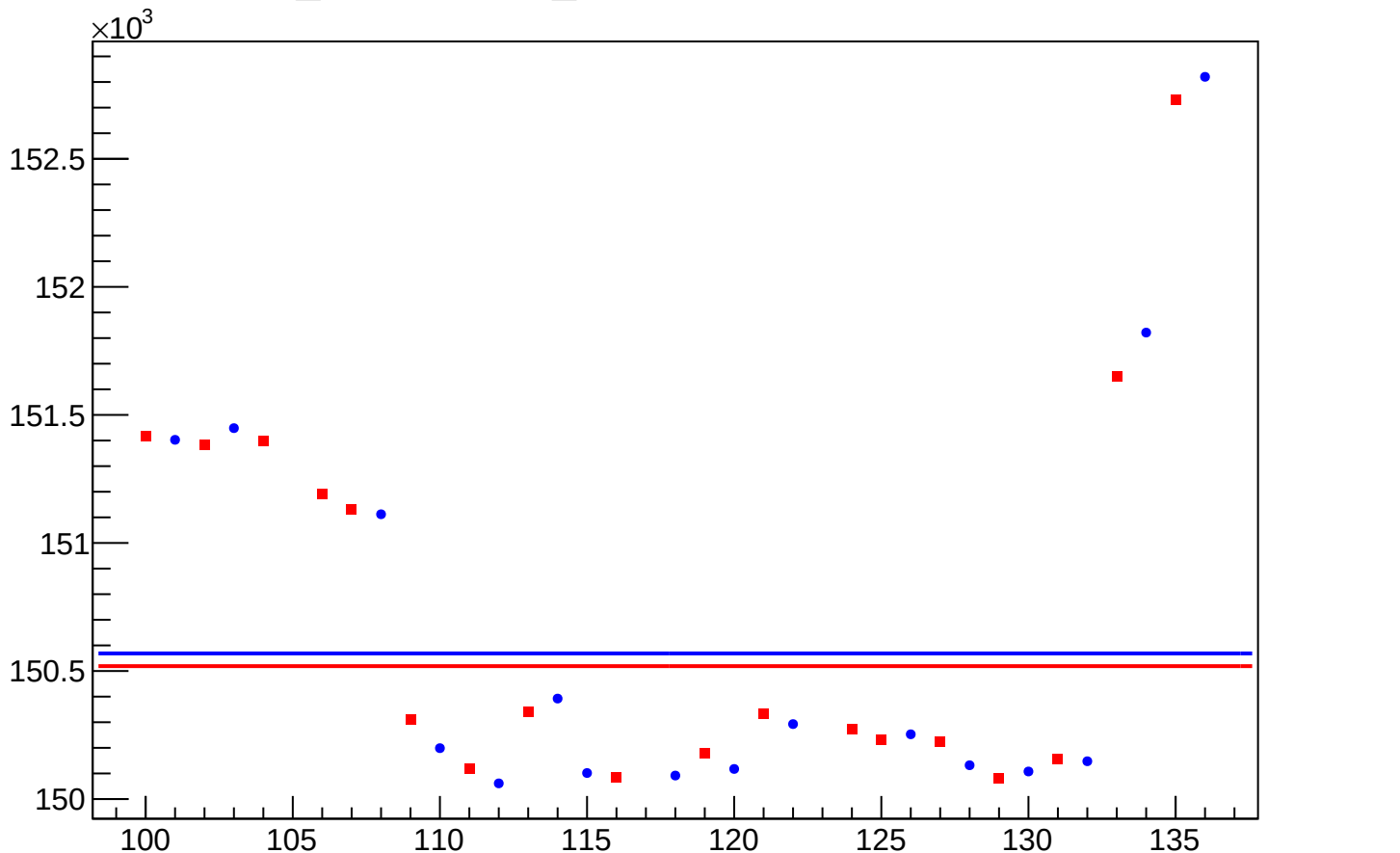
Right: 0.857+/-0.000 χ^2/NDF : 4499797.2/33

In: 0.853+/-0.000 χ^2/NDF : 2302297.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

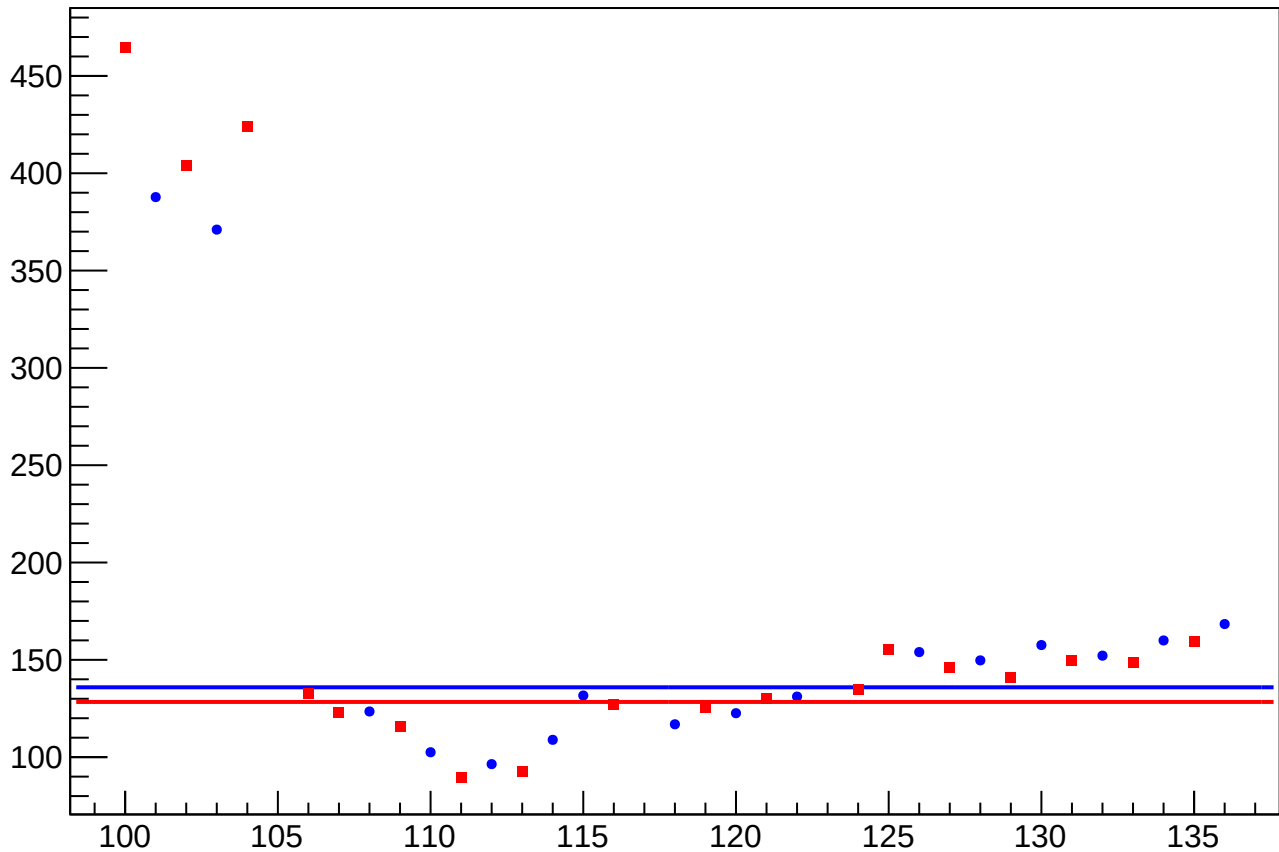
All: 0.857+/-0.000 χ^2/NDF : 4499797.2/33

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: 150542.358+/-0.037 χ^2 /NDF: 396982190.3/3
 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: 150542.358+/-0.037 χ^2 /NDF: 396982190.3/3

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: 128.369+/-0.036 χ^2/NDF : 1589985.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

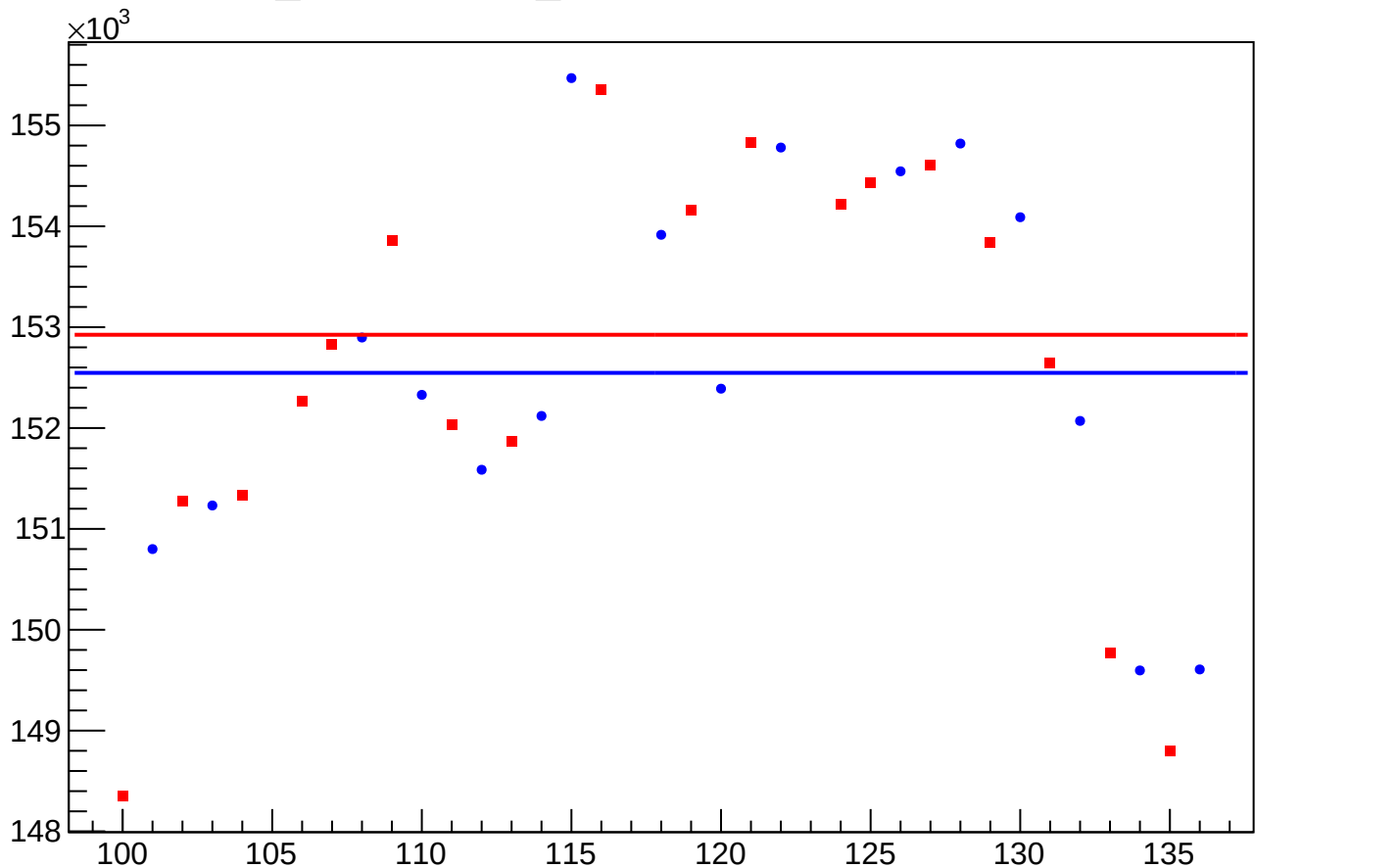
Right: 131.908+/-0.026 χ^2/NDF : 3026446.5/33

In: 135.896+/-0.039 χ^2/NDF : 1416332.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 131.908+/-0.026 χ^2/NDF : 3026446.5/33

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

Right: 152749.265+/-0.049 χ^2 /NDF: 1344930388.8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152924.520+/-0.068 χ^2 /NDF: 675897537.1/17

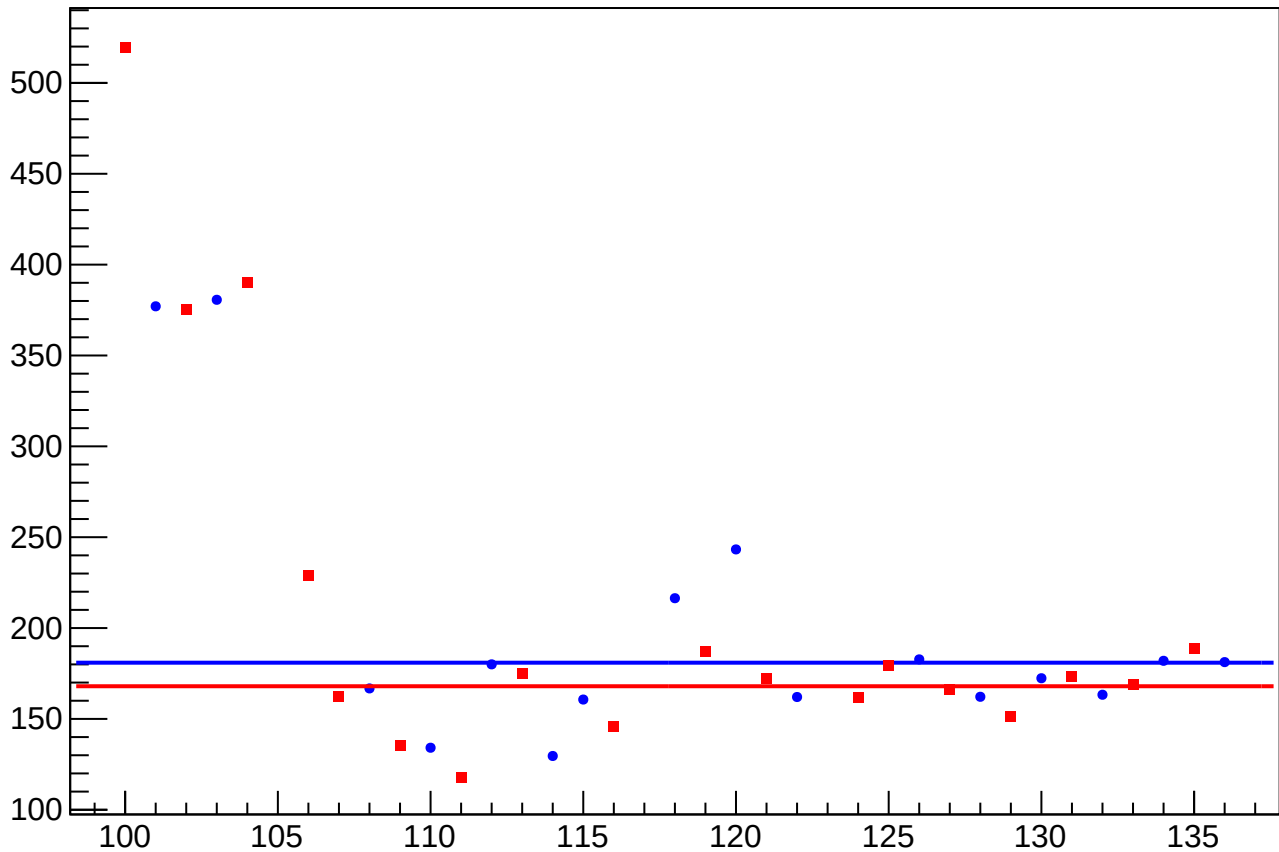
In: 152546.899+/-0.073 χ^2 /NDF: 654540559.6/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152749.265+/-0.049 χ^2 /NDF: 1344930388.8

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: 167.979+/-0.048 χ^2/NDF : 1086859.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

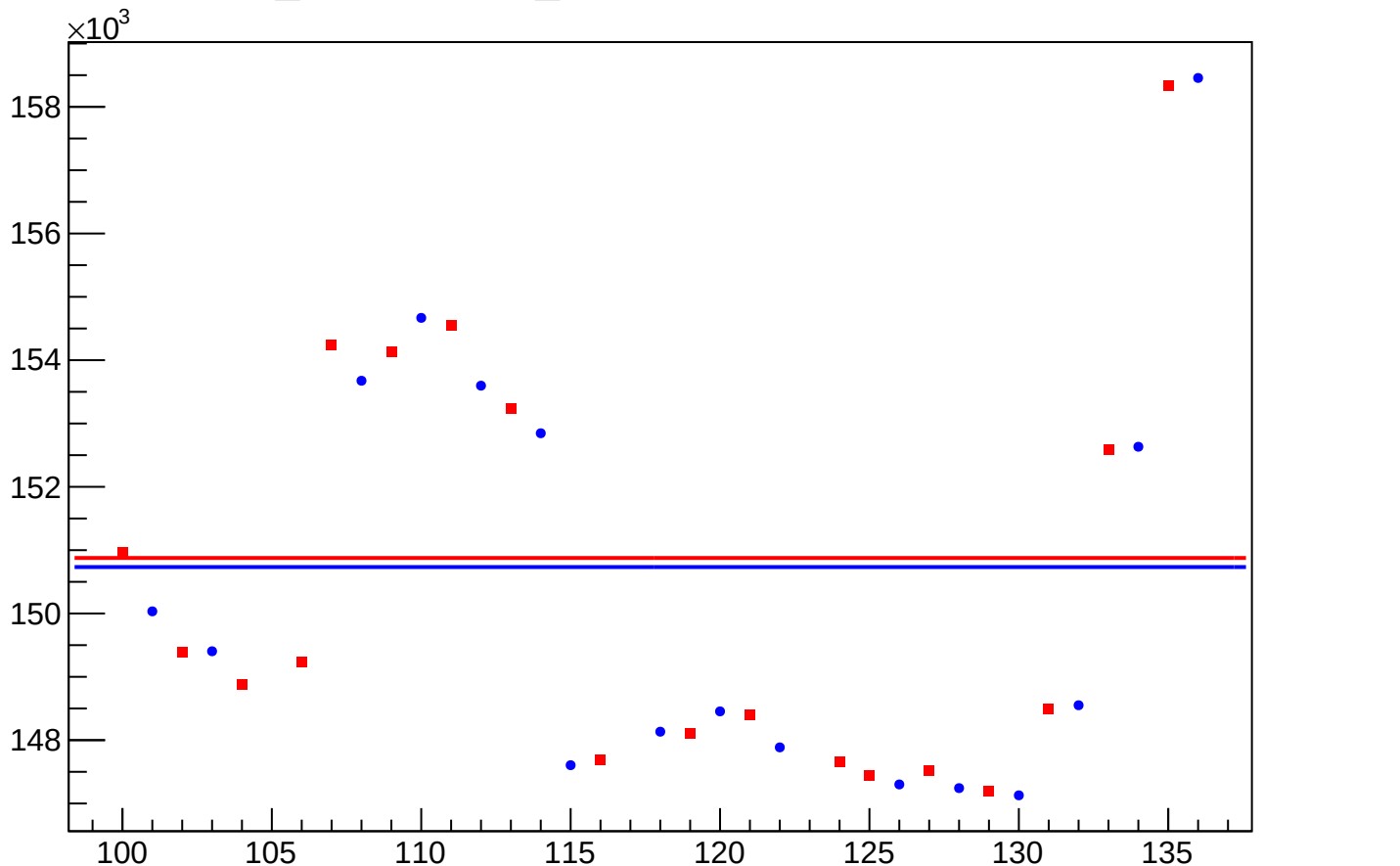
Right: 173.993+/-0.035 χ^2/NDF : 2028756.4/33

In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

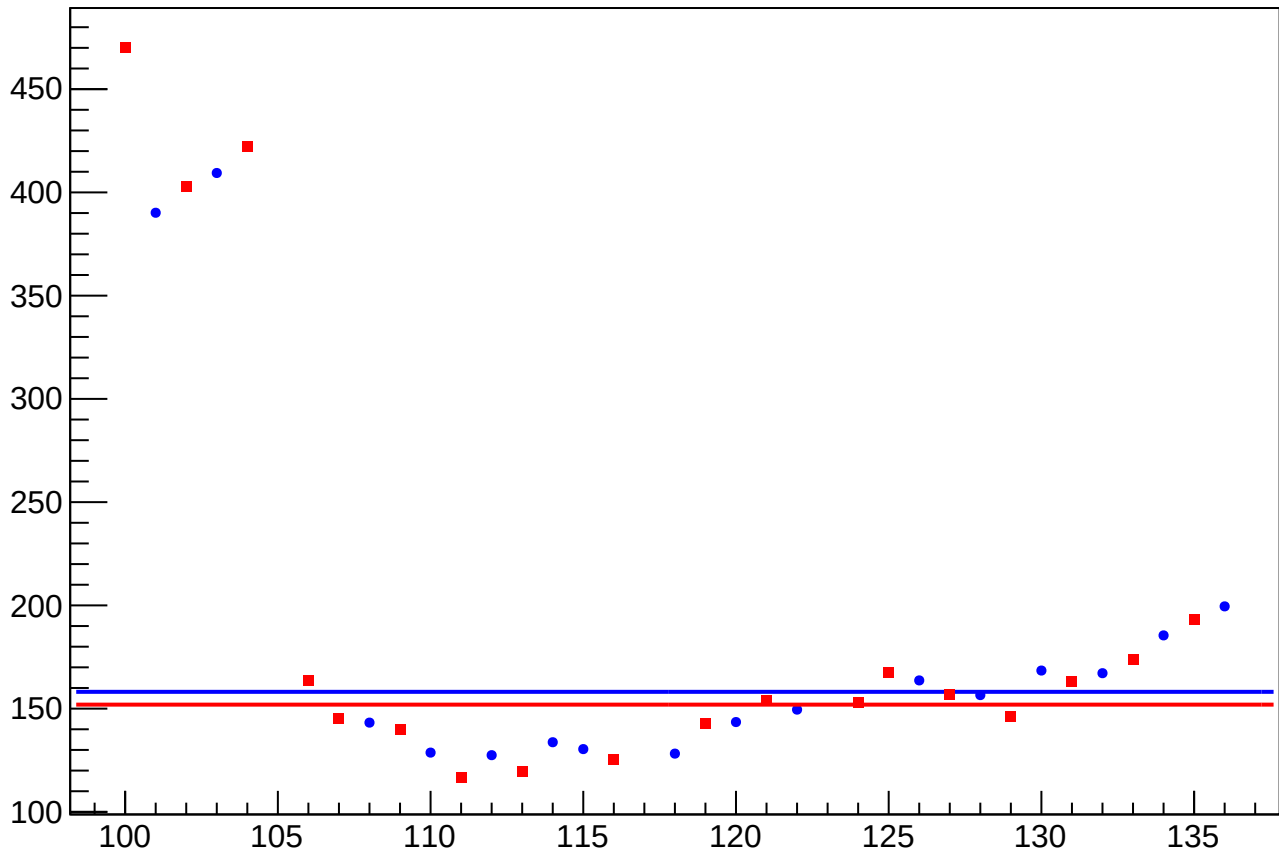
All: 173.993+/-0.035 χ^2/NDF : 2028756.4/33

yield_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 150733.301 $\pm$ 0.063 χ^2 /NDF: 3283848751.0/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 150876.548 $\pm$ 0.061 χ^2 /NDF: 2973411068.9/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 150807.602 $\pm$ 0.044 χ^2 /NDF: 6259950095.3

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: 151.940+/-0.043 χ^2/NDF : 1239014.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

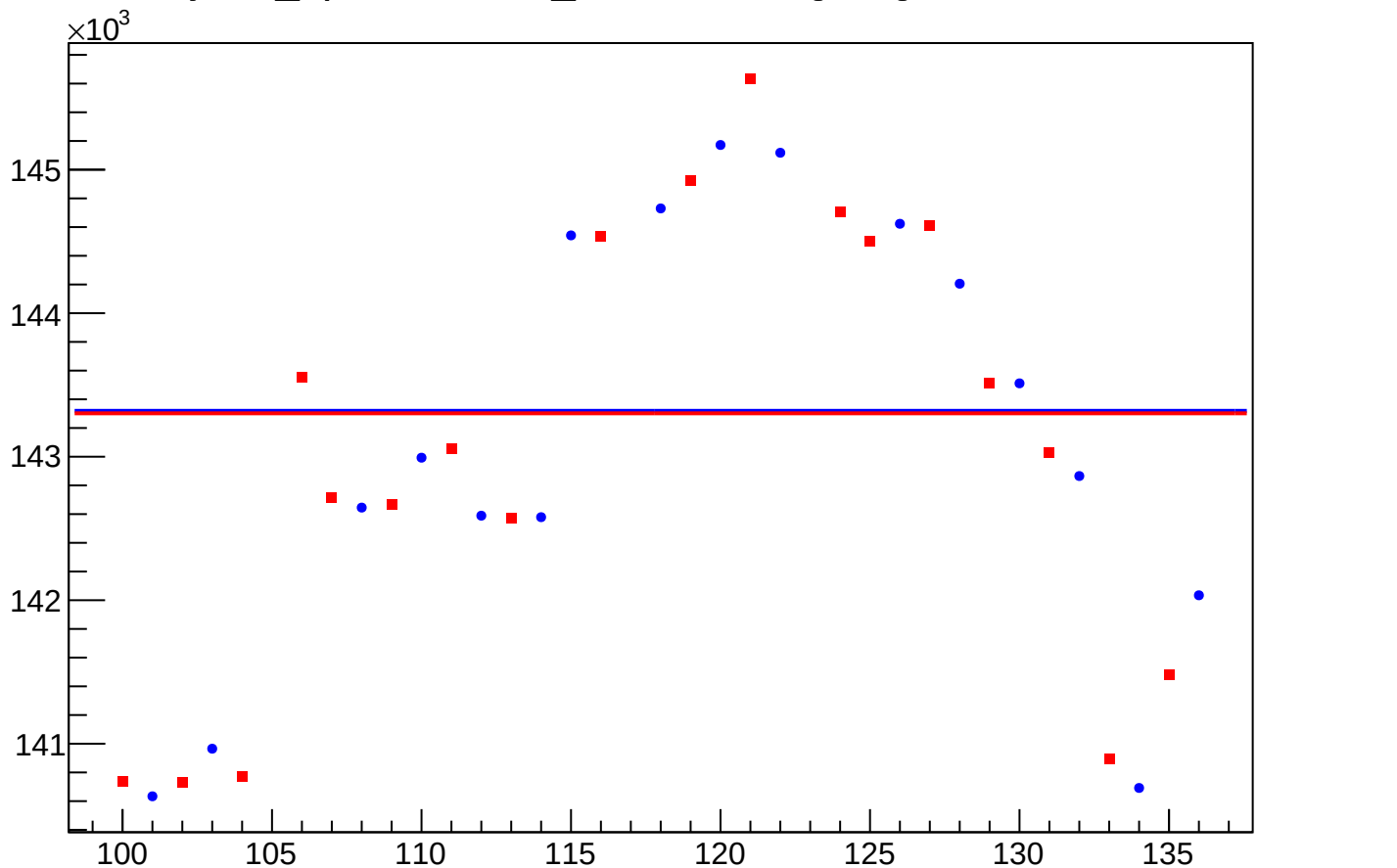
Right: 154.923+/-0.031 χ^2/NDF : 2444787.2/33

In: 158.138+/-0.044 χ^2/NDF :1195699.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

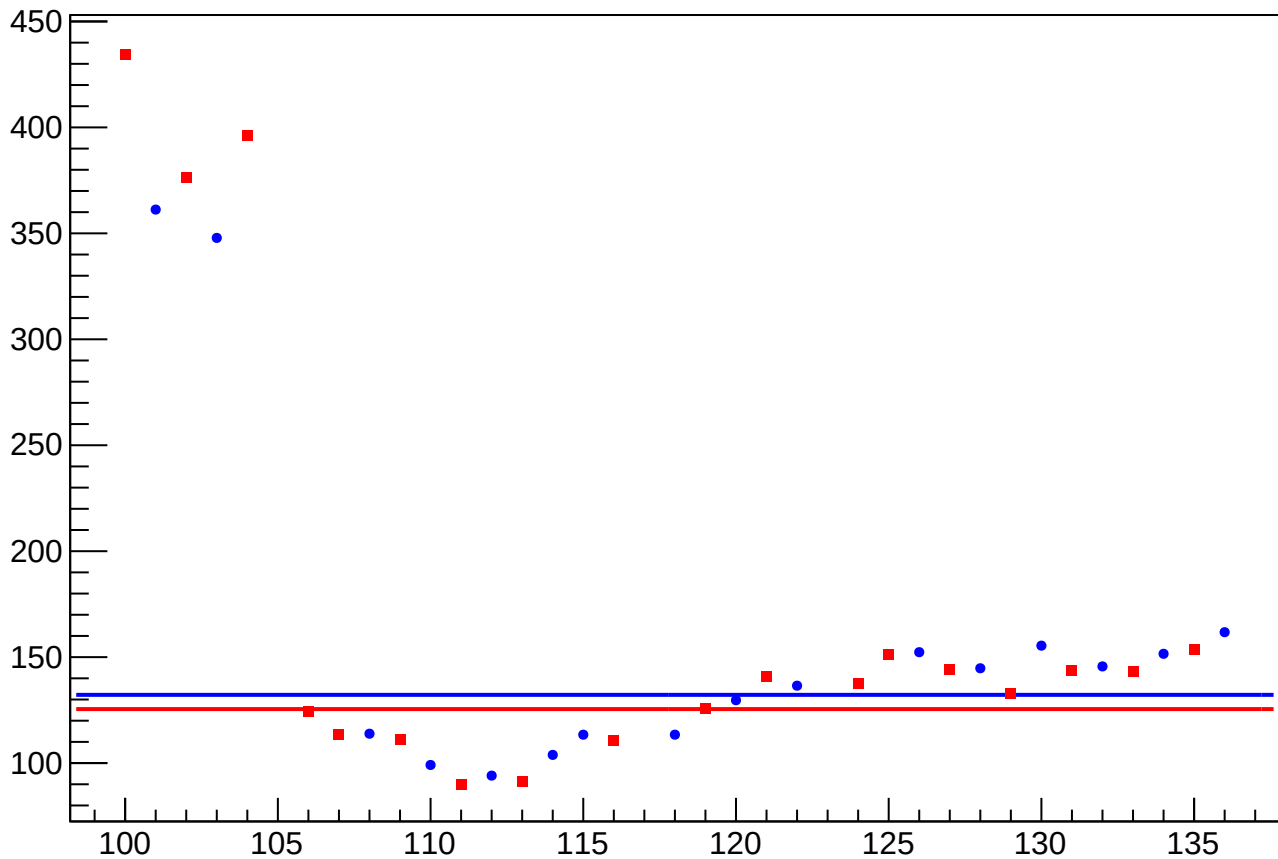
All: 154.923+/-0.031 χ^2/NDF : 2444787.2/33

yield_bpm0i01aWS_mean vs Slug, Sign Corrected



Right In: 143319.651 $\pm$ 0.053 χ^2 /NDF: 559301530.7/15
 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: 143310.570 $\pm$ 0.036 χ^2 /NDF: 1174751187.0/16
 Right Out: 143302.468 $\pm$ 0.050 χ^2 /NDF: 615394364.7/17
 In: 143319.651 $\pm$ 0.053 χ^2 /NDF: 559301530.7/15
 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: 143310.570 $\pm$ 0.036 χ^2 /NDF: 1174751187.0/16

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: 125.482+/-0.035 χ^2/NDF : 1523597.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

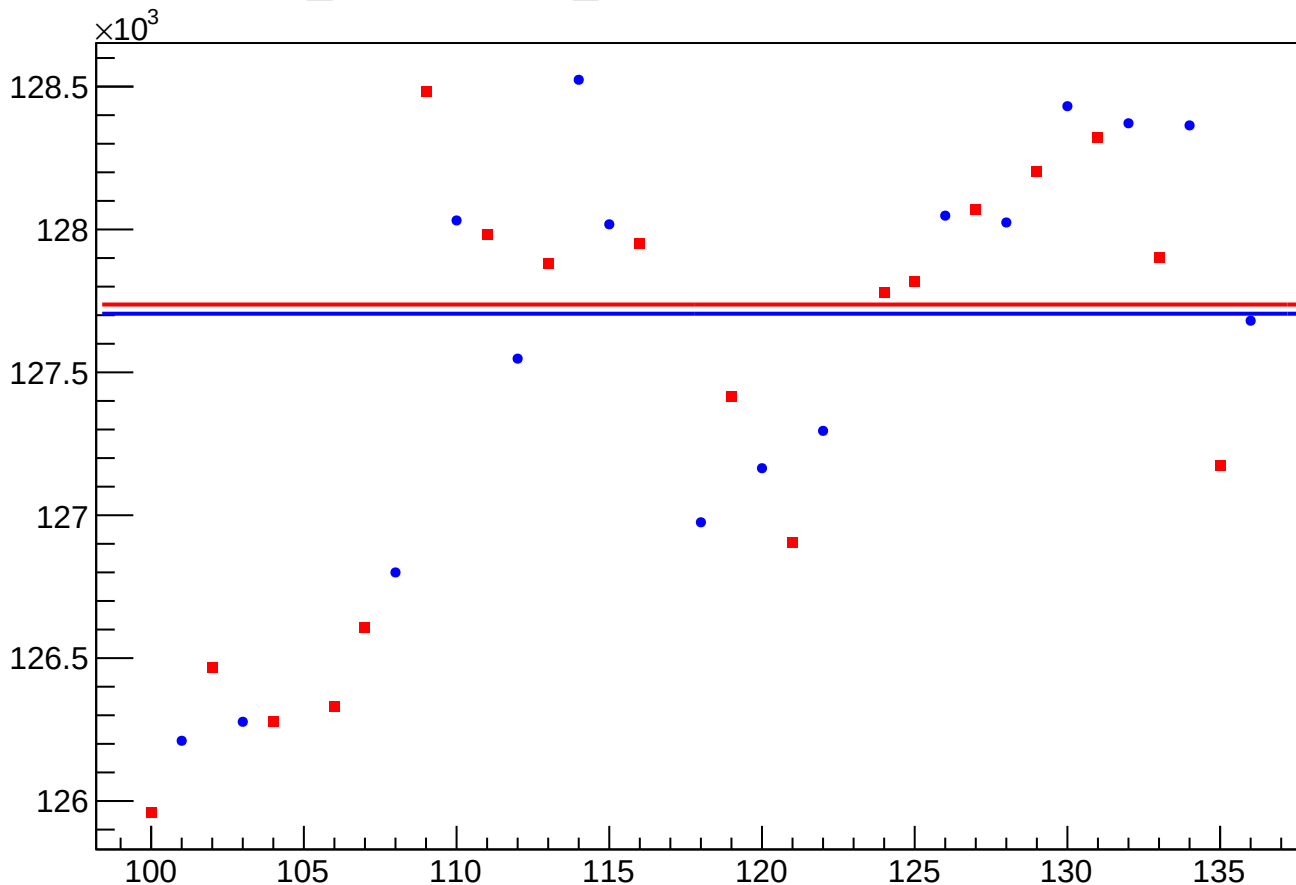
Right: 128.651+/-0.026 χ^2/NDF : 2919690.3/33

In: 132.204+/-0.038 χ^2/NDF :1379168.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.651+/-0.026 χ^2/NDF : 2919690.3/33

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: 127722.066+/-0.040 χ^2 /NDF: 213997796.4/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

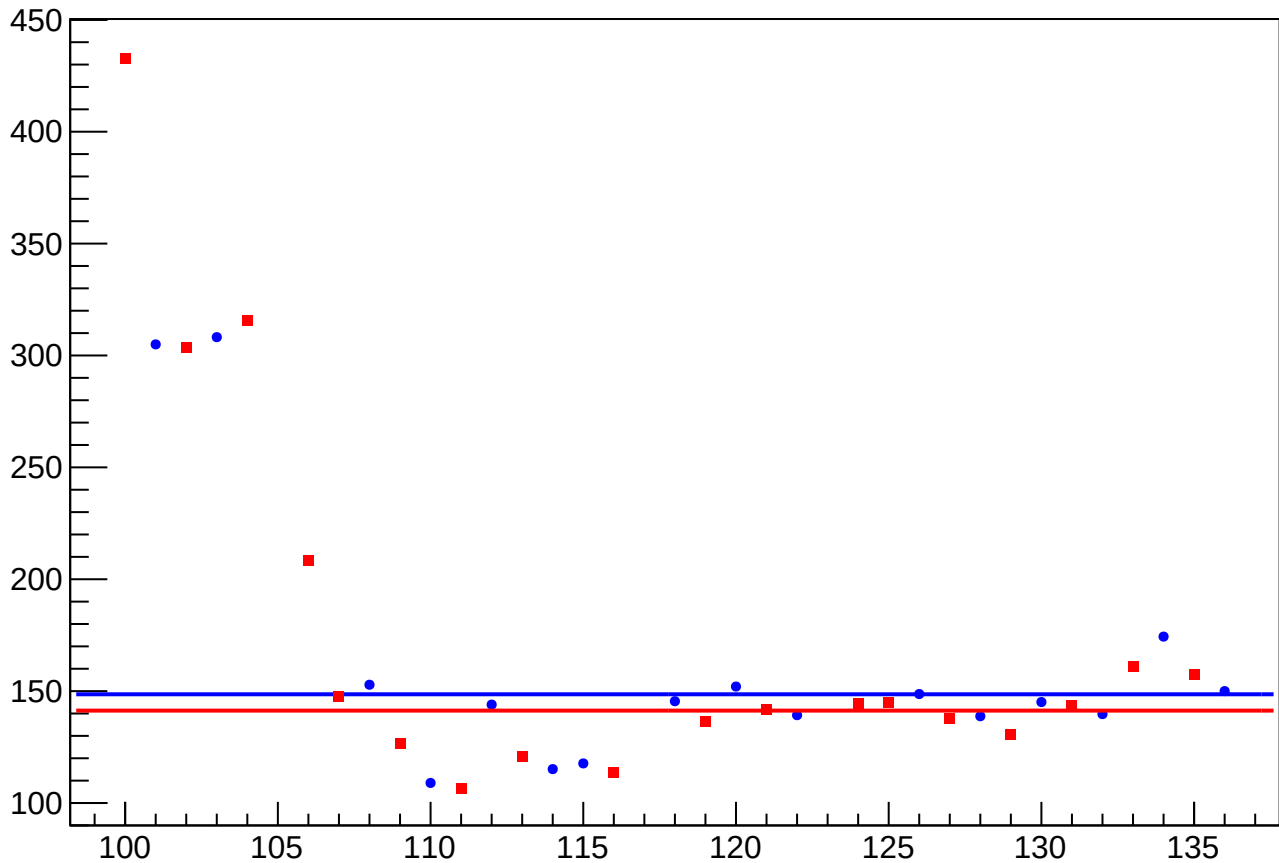
Right Out: 127737.352+/-0.056 χ^2 /NDF: 109371987.1/17

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 127722.066+/-0.040 χ^2 /NDF: 213997796.4/3

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: 141.299+/-0.039 χ^2/NDF : 999509.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

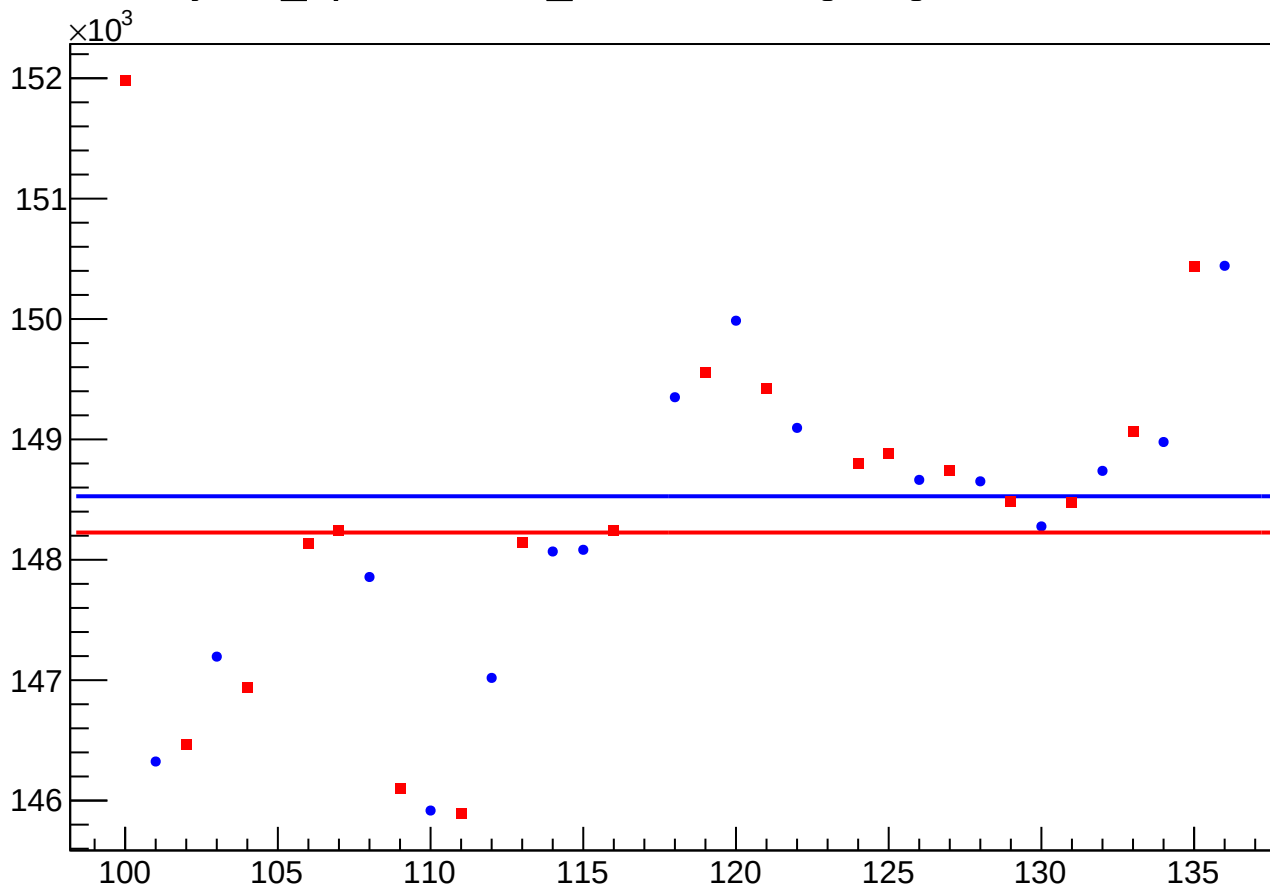
Right: 144.769+/-0.028 χ^2/NDF : 1843557.0/33

In: 148.593+/-0.041 χ^2/NDF :827701.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 144.769+/-0.028 χ^2/NDF : 1843557.0/33

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: 148368.948+/-0.056 χ^2 /NDF: 491656240.3/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 148226.443+/-0.078 χ^2 /NDF: 275326676.1/17

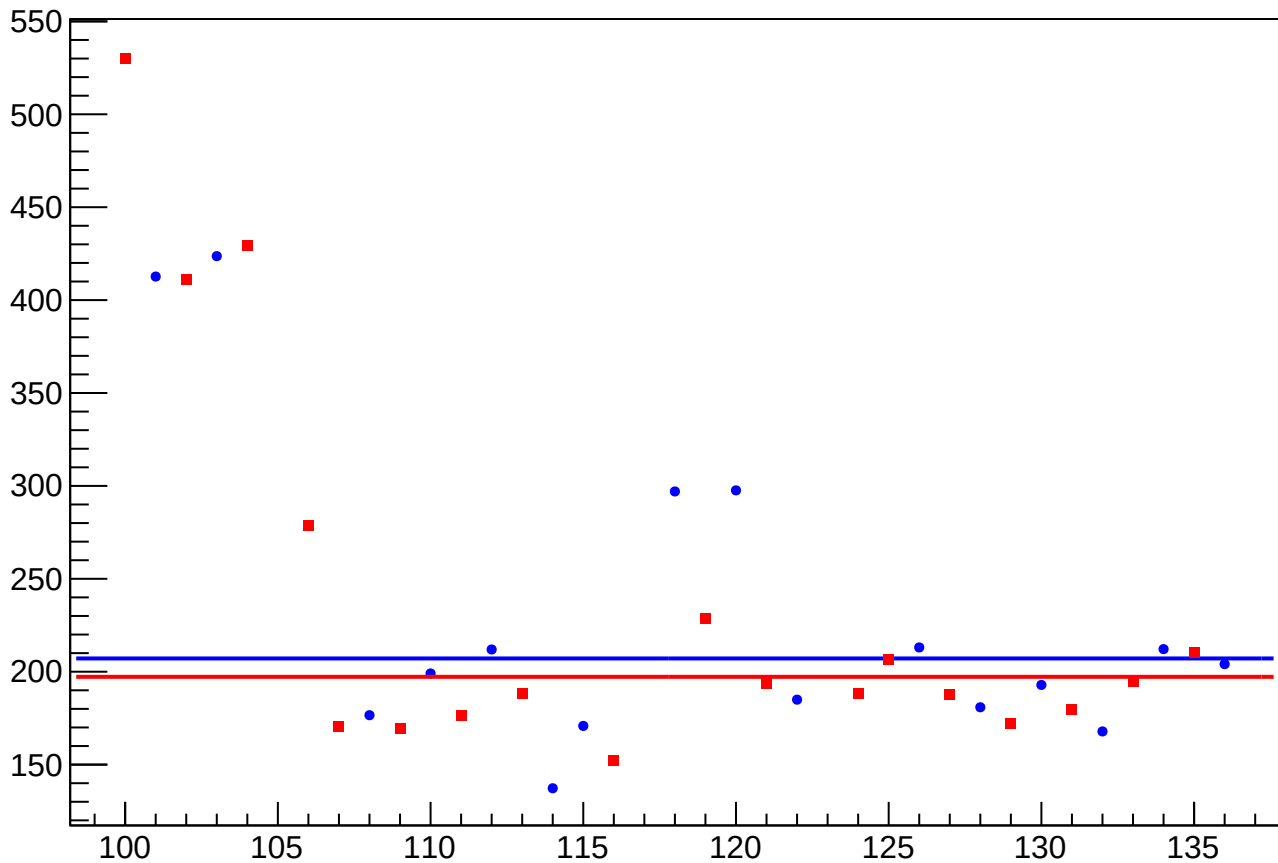
In: 148527.678+/-0.082 χ^2 /NDF: 209208133.0/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 148368.948+/-0.056 χ^2 /NDF: 491656240.3/3

yield_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 207.135+/-0.058 χ^2/NDF : 972216.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.250+/-0.055 χ^2/NDF : 902709.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

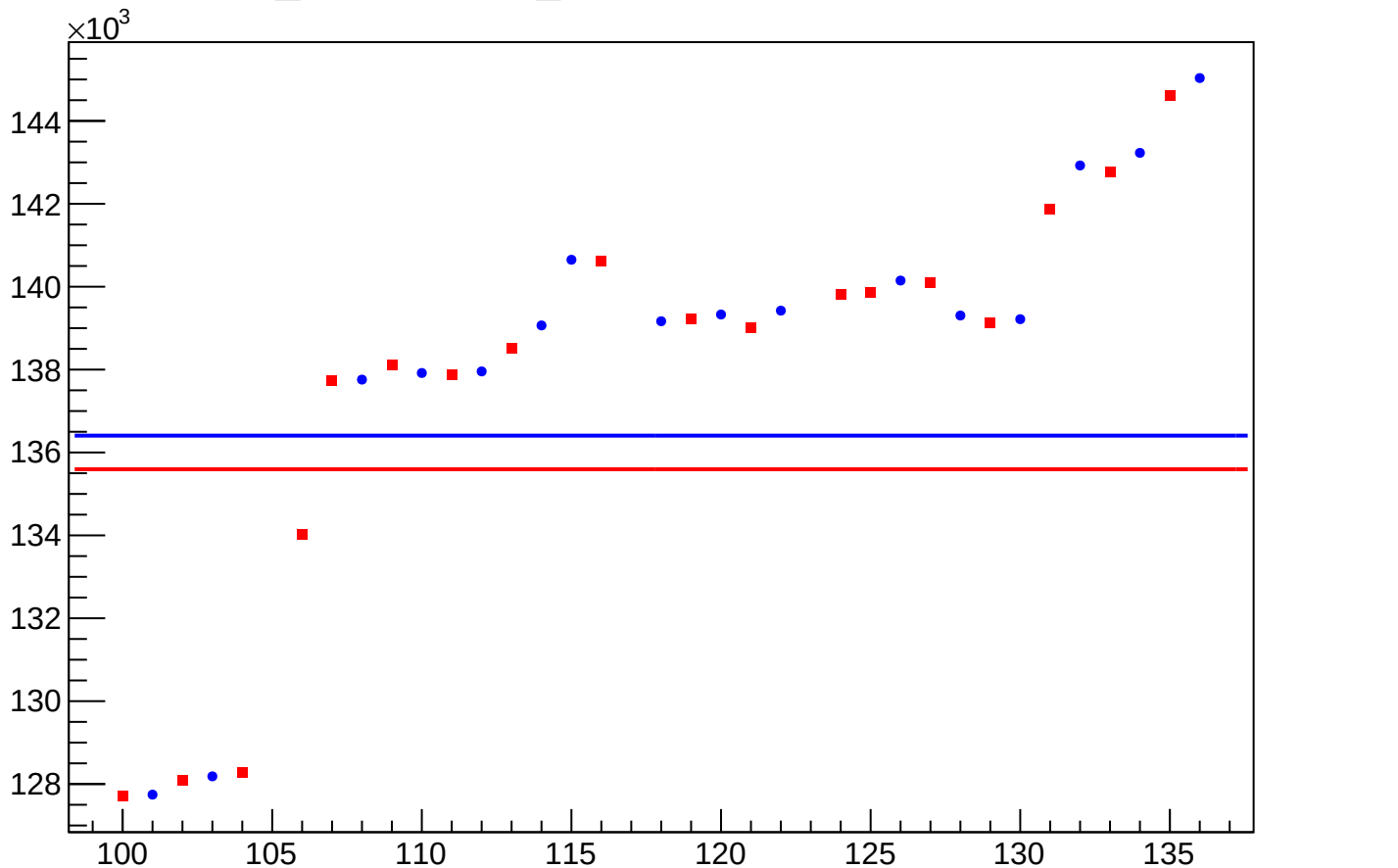
Right: 201.926+/-0.040 χ^2/NDF : 1890262.2/33

In: 207.135+/-0.058 χ^2/NDF : 972216.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

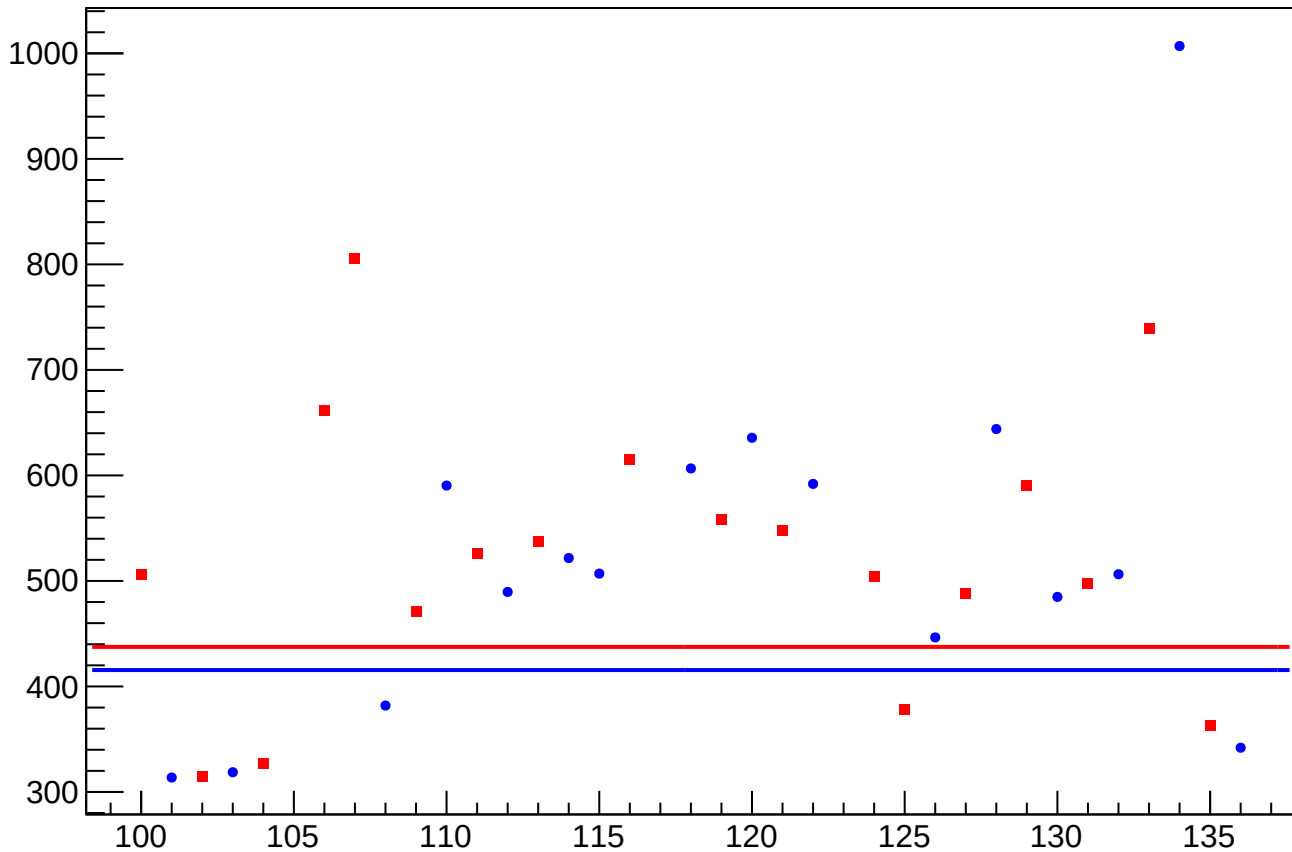
All: 201.926+/-0.040 χ^2/NDF : 1890262.2/33

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: 135596.188 $\pm$ 0.178 χ^2 /NDF: 1132353208.5/17
 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: 136023.668 $\pm$ 0.122 χ^2 /NDF: 2720358150.6/15

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: 437.482+/-0.126 χ^2/NDF : 879888.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

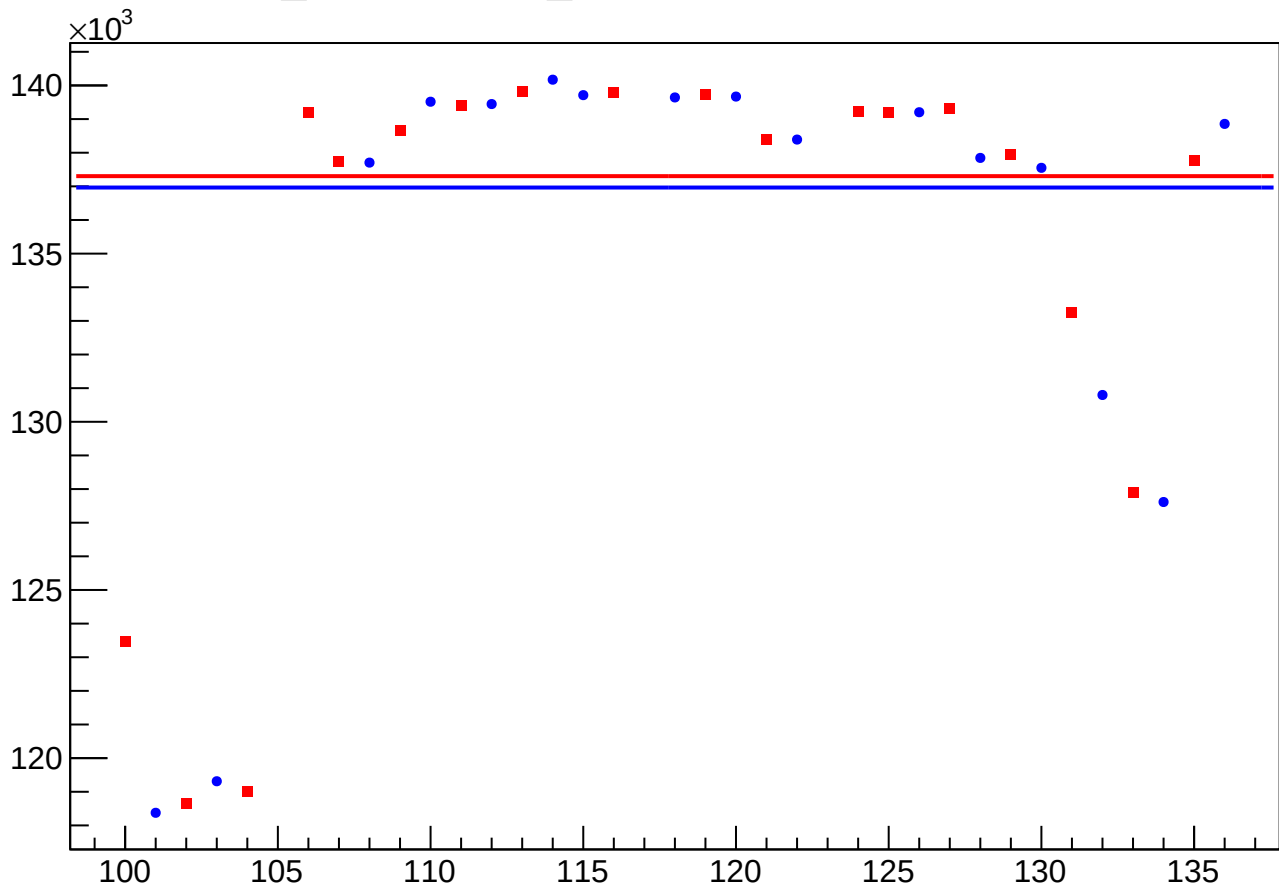
Right: 425.917+/-0.087 χ^2/NDF : 1927496.6/33

In: 415.547+/-0.119 χ^2/NDF : 1031600.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

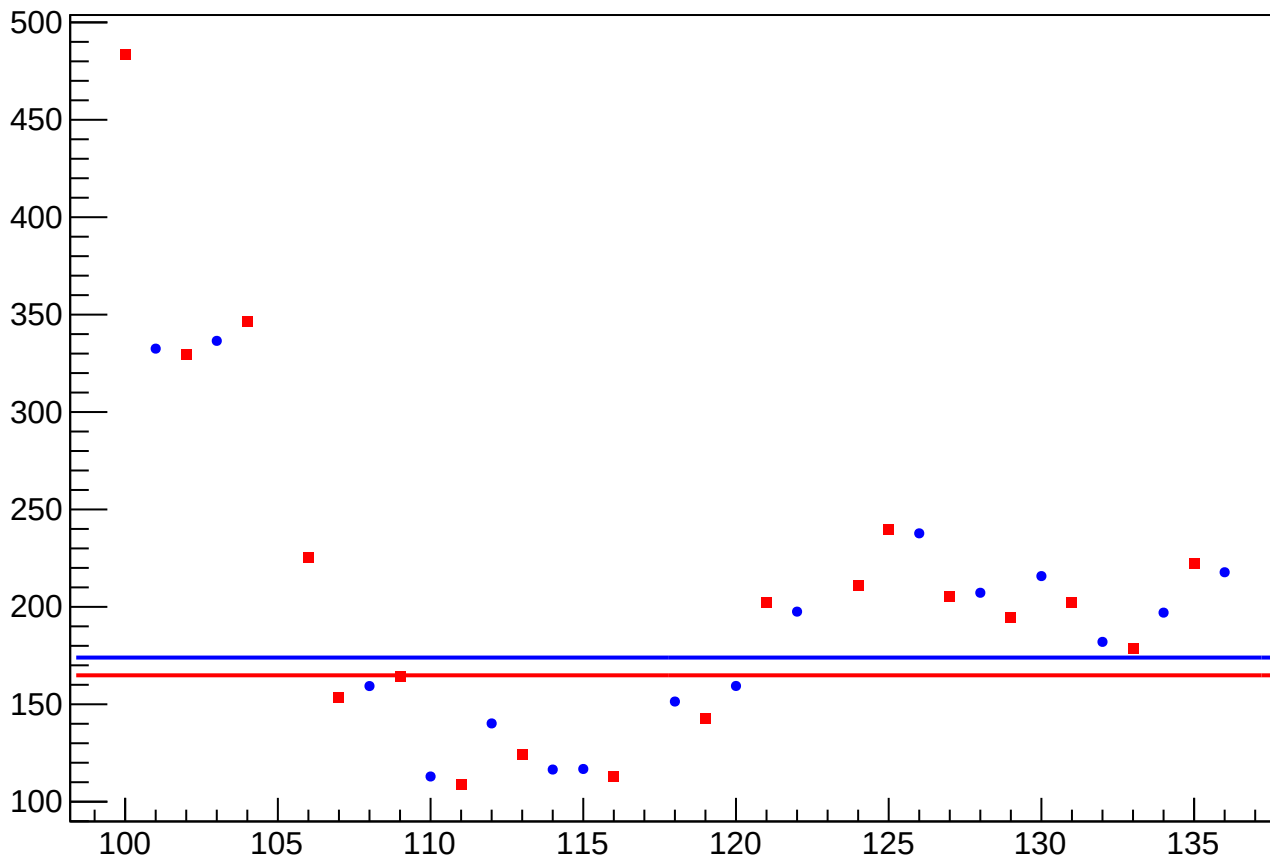
All: 425.917+/-0.087 χ^2/NDF : 1927496.6/33

yield_bpm0l04WS_mean vs Slug, Sign Corrected



Right In: 136964.958 $\pm$ 0.070 χ^2 /NDF: 5807770301.4/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 Right Out: 137303.506 $\pm$ 0.066 χ^2 /NDF: 5730474325.8/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 137142.942 $\pm$ 0.048 χ^2 /NDF: 11550638167.0

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: 164.867+/-0.047 χ^2/NDF : 1412037.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

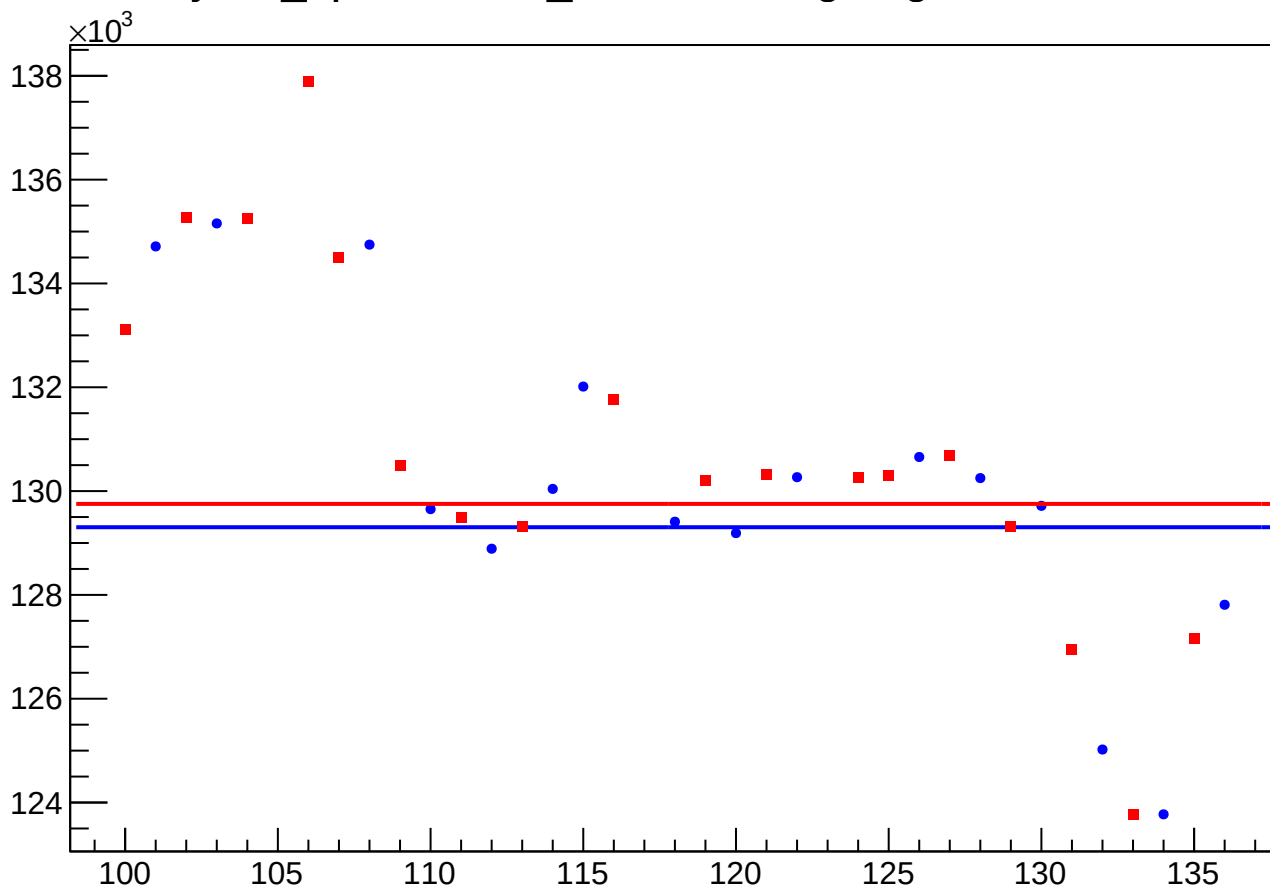
Right: 169.190+/-0.034 χ^2/NDF : 2618497.2/33

In: 173.982+/-0.049 χ^2/NDF : 1188493.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.190+/-0.034 χ^2/NDF : 2618497.2/33

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: 129541.845+/-0.045 χ^2 /NDF: 3427347347.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 129753.013+/-0.062 χ^2 /NDF: 1752727194.8/17

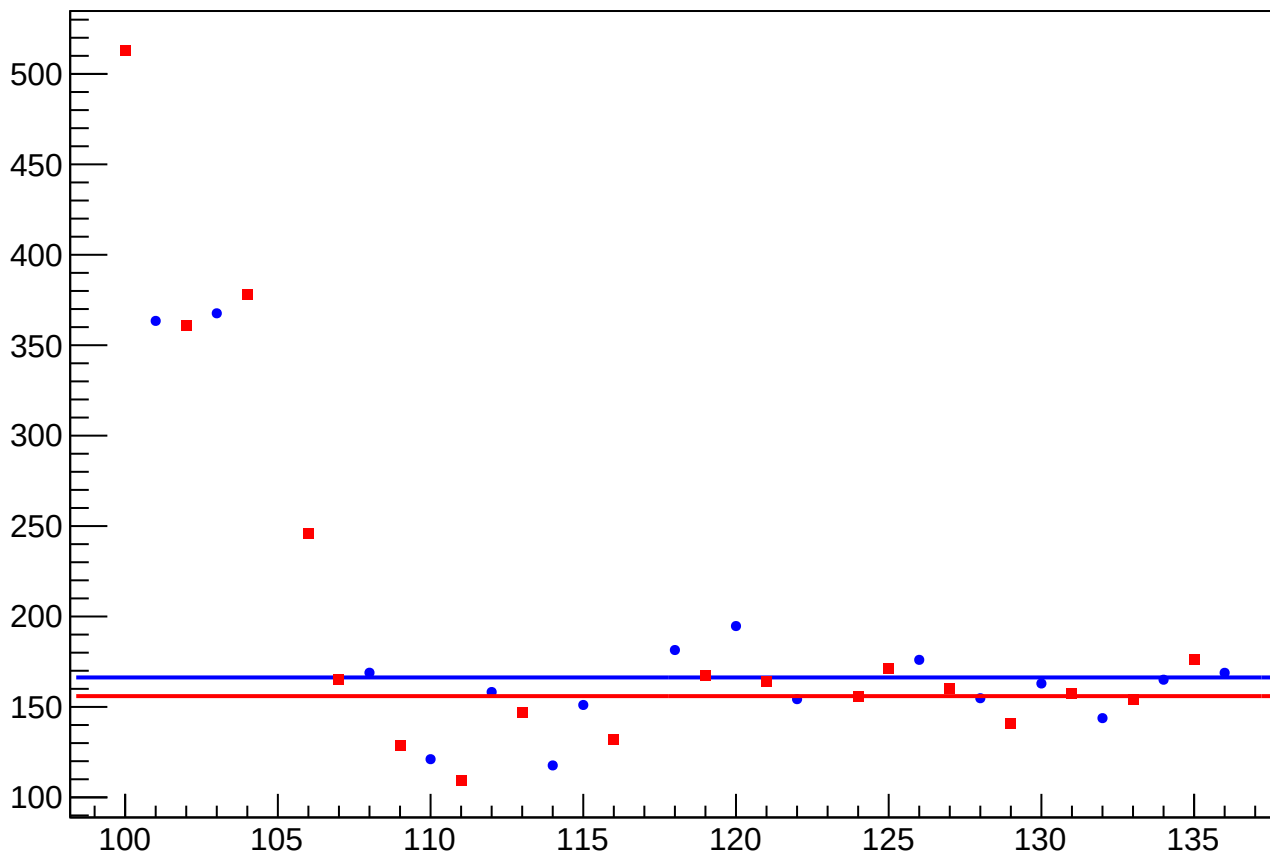
In: 129303.894+/-0.066 χ^2 /NDF: 1650235360.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 129541.845+/-0.045 χ^2 /NDF: 3427347347.3/15

yield_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 166.302+/-0.047 χ^2/NDF : 937947.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 155.974+/-0.044 χ^2/NDF : 1170292.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

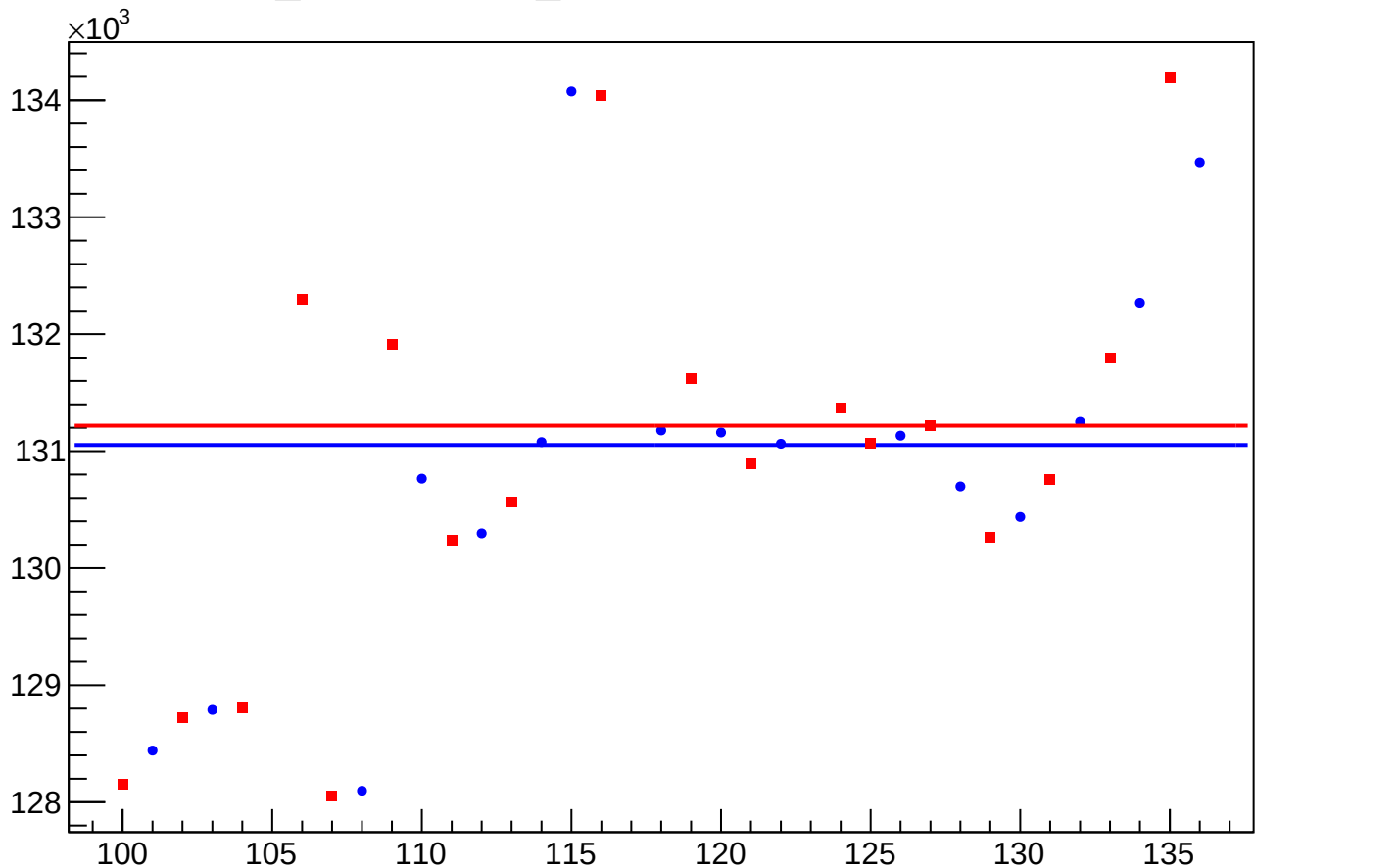
Right: 160.830+/-0.032 χ^2/NDF : 2134030.5/33

In: 166.302+/-0.047 χ^2/NDF : 937947.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

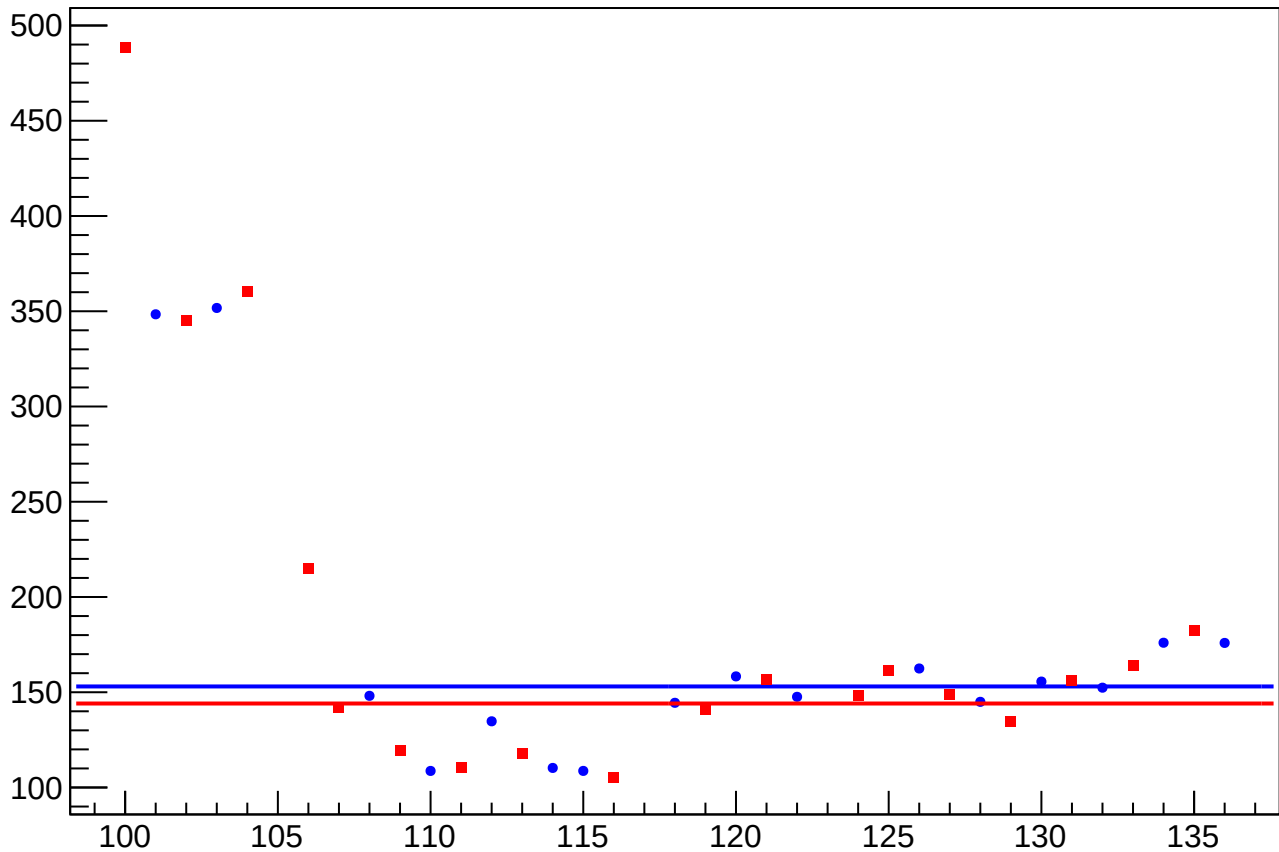
All: 160.830+/-0.032 χ^2/NDF : 2134030.5/33

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
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right: 131139.776 $\pm$ 0.042 χ^2/NDF : 1103390968.1/17
 In: 131052.422 $\pm$ 0.061 χ^2/NDF : 523713045.8/15
 Right Out: 131217.701 $\pm$ 0.057 χ^2/NDF : 575751676.1/17
 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: 131139.776 $\pm$ 0.042 χ^2/NDF : 1103390968.1/17

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: 144.085+/-0.040 χ^2/NDF : 1251432.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

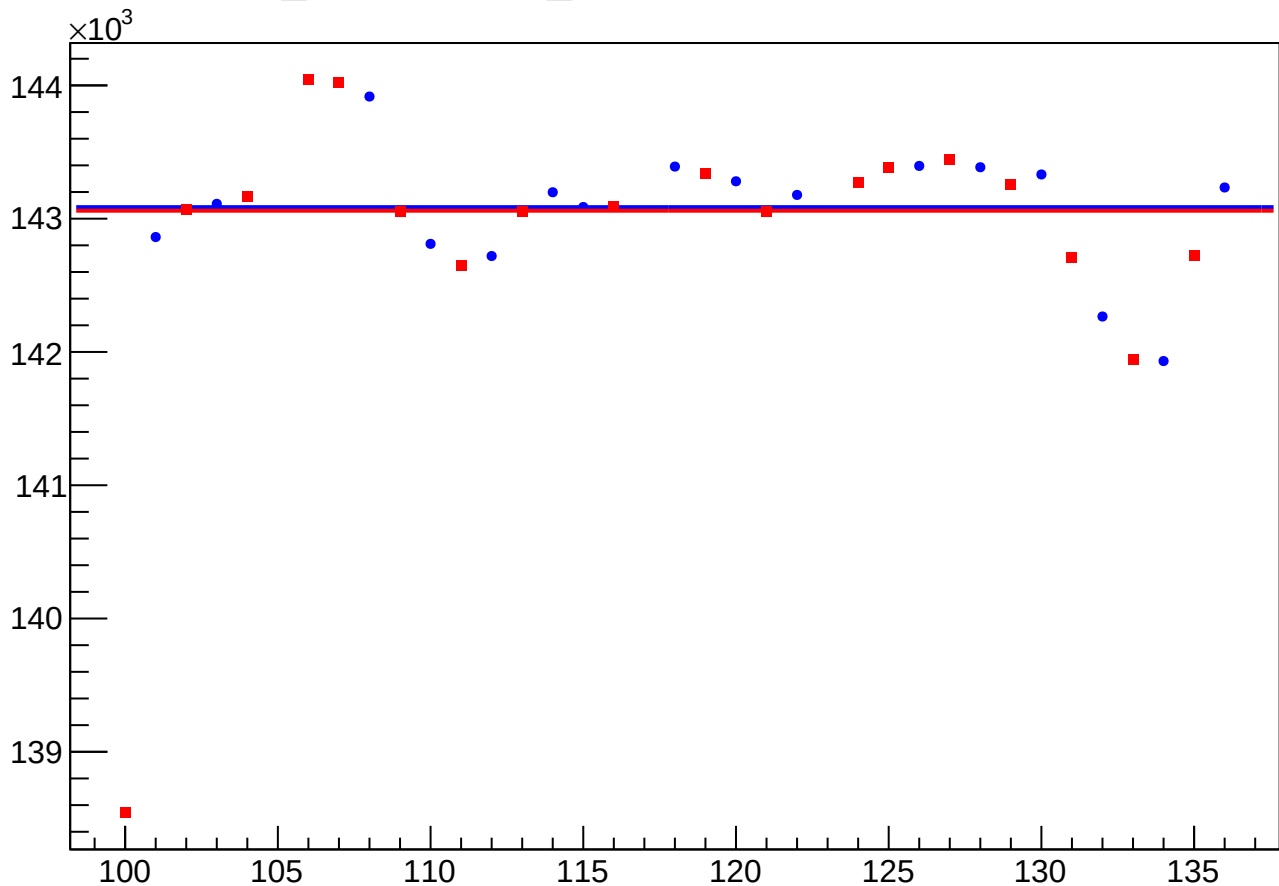
Right: 148.308+/-0.029 χ^2/NDF : 2333967.8/33

In: 153.043+/-0.043 χ^2/NDF : 1059470.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.308+/-0.029 χ^2/NDF : 2333967.8/33

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: 143072.410+/-0.045 χ^2 /NDF: 98528732.1/33

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

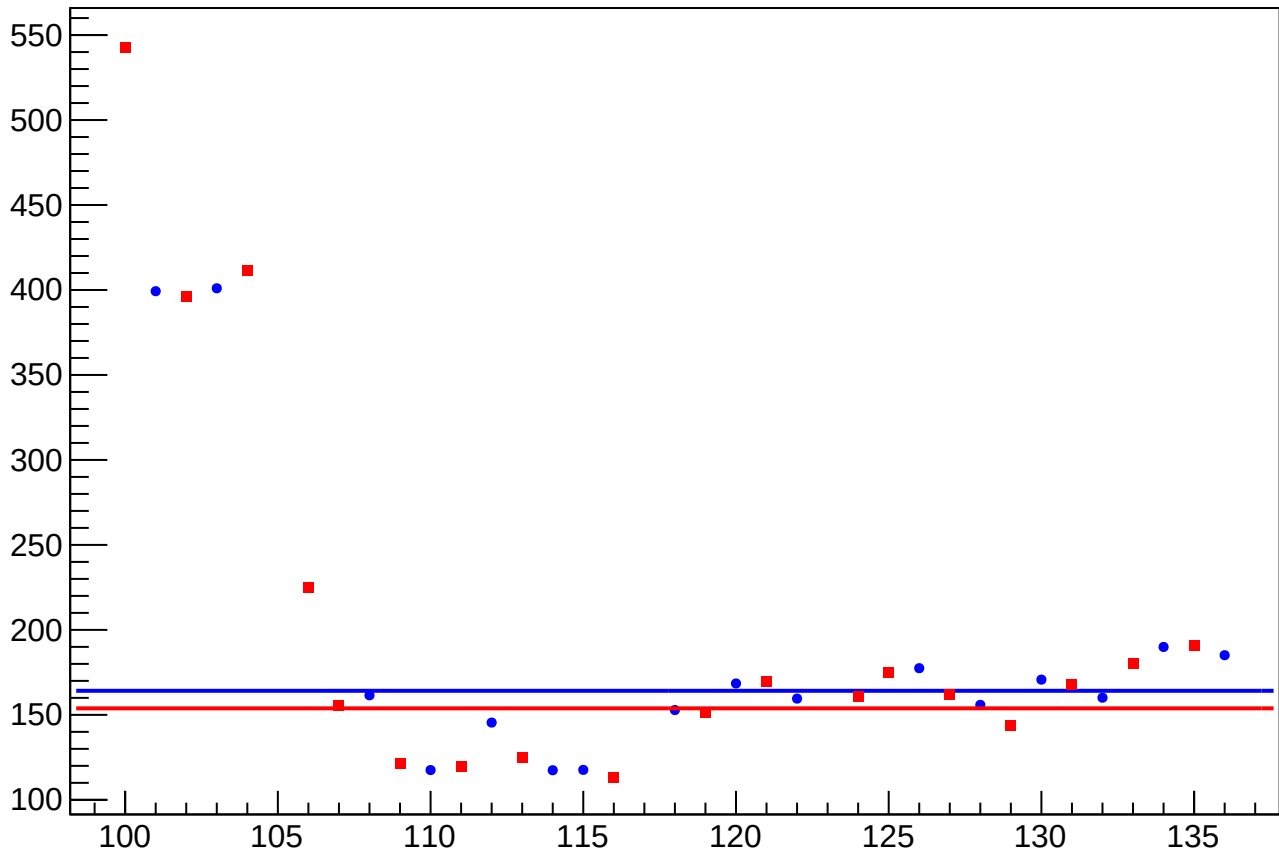
Right Out: 143059.932+/-0.061 χ^2 /NDF: 51714301.8/17

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 143072.410+/-0.045 χ^2 /NDF: 98528732.1/33

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: 153.835+/-0.043 χ^2/NDF : 1353440.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

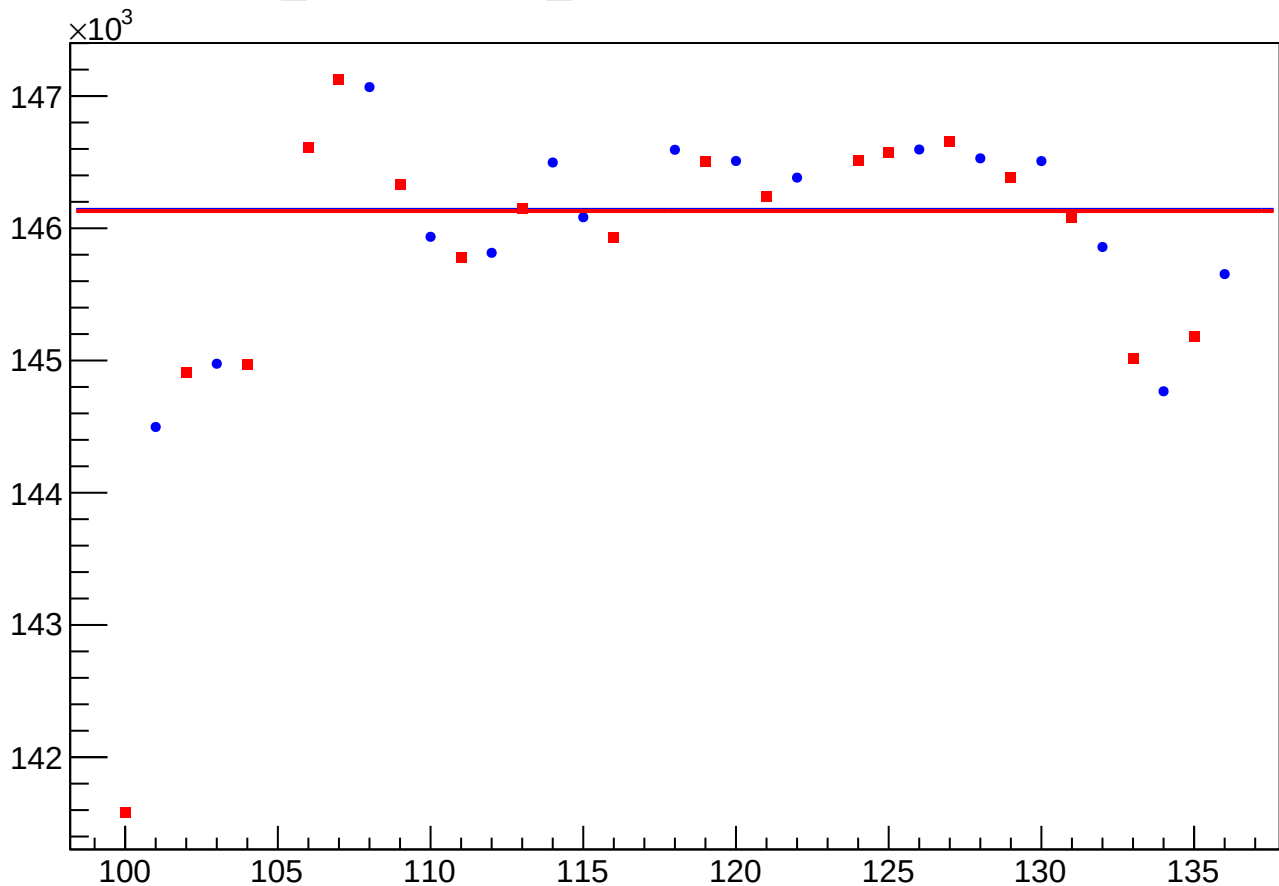
Right: 158.691+/-0.032 χ^2/NDF : 2509915.9/33

In: 164.167+/-0.046 χ^2/NDF : 1129764.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.691+/-0.032 χ^2/NDF : 2509915.9/33

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: 146134.548+/-0.046 χ^2 /NDF: 141892983.8/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 146130.428+/-0.063 χ^2 /NDF: 70162045.2/17

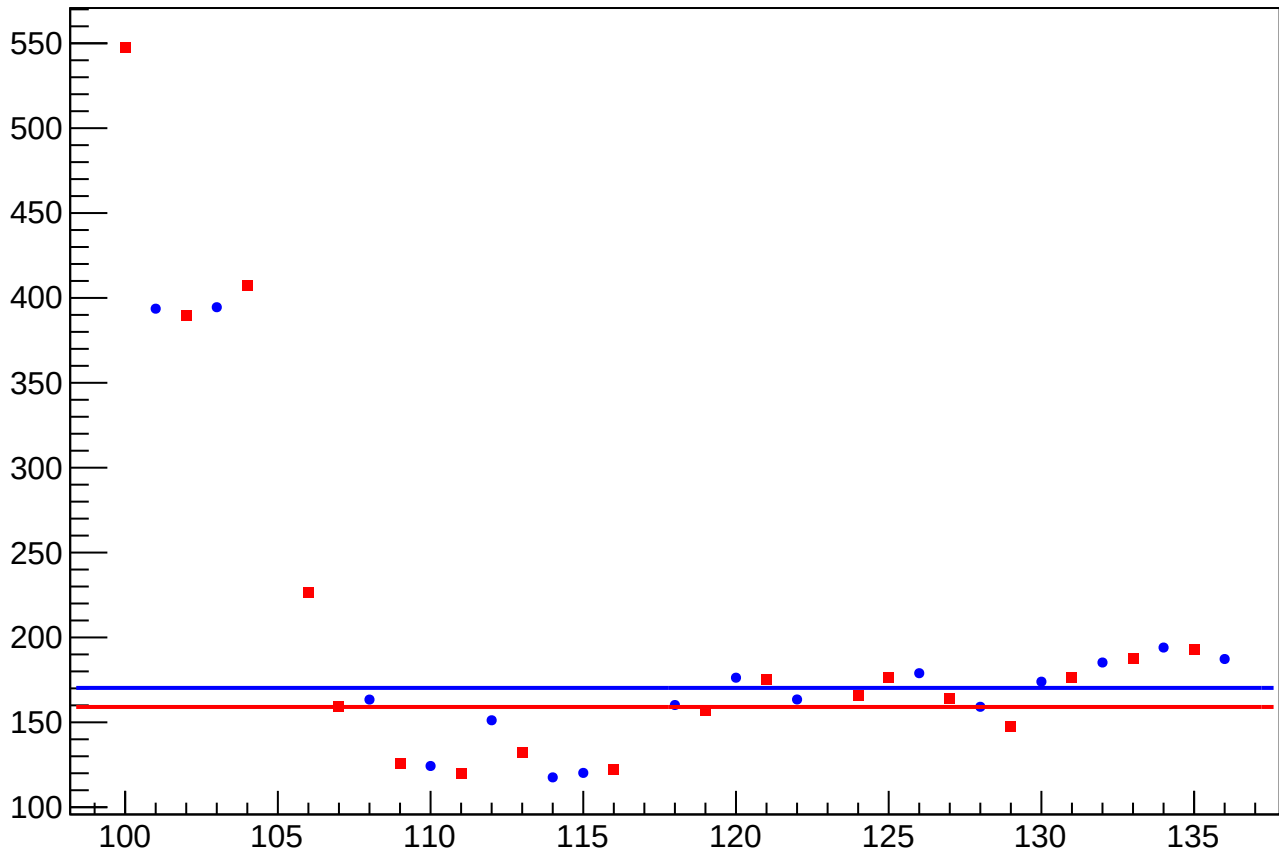
In: 146139.237+/-0.067 χ^2 /NDF: 71721843.8/15

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 146134.548+/-0.046 χ^2 /NDF: 141892983.8/3

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: 159.050+/-0.045 χ^2/NDF : 1280807.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

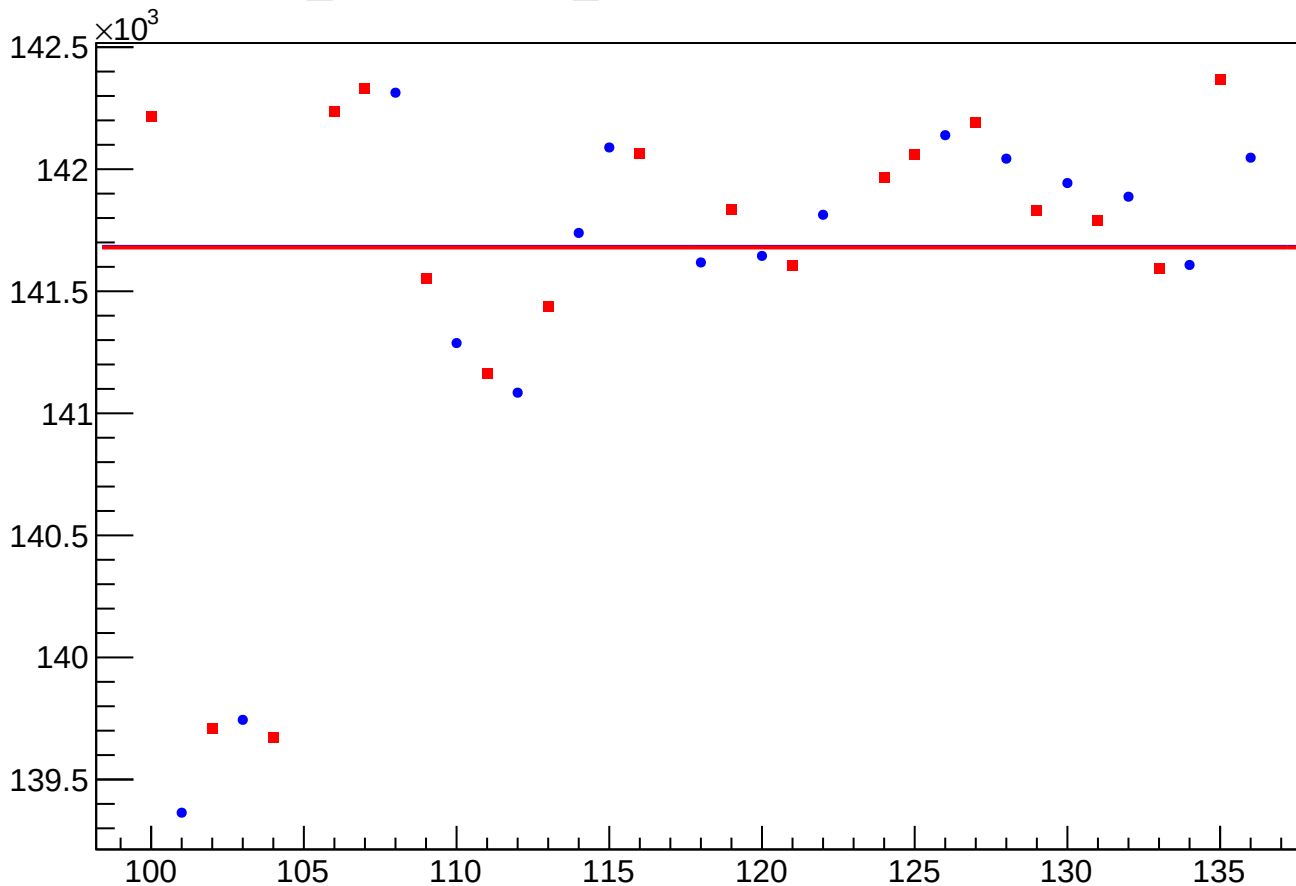
Right: 164.301+/-0.033 χ^2/NDF : 2367995.6/33

In: 170.279+/-0.048 χ^2/NDF : 1057631.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 164.301+/-0.033 χ^2/NDF : 2367995.6/33

yield_bpm0l09WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 141680.577+/-0.047 χ^2 /NDF: 122788256.1/3

In: 141681.846+/-0.068 χ^2 /NDF: 64292997.9/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 141680.577+/-0.047 χ^2 /NDF: 122788256.1/3

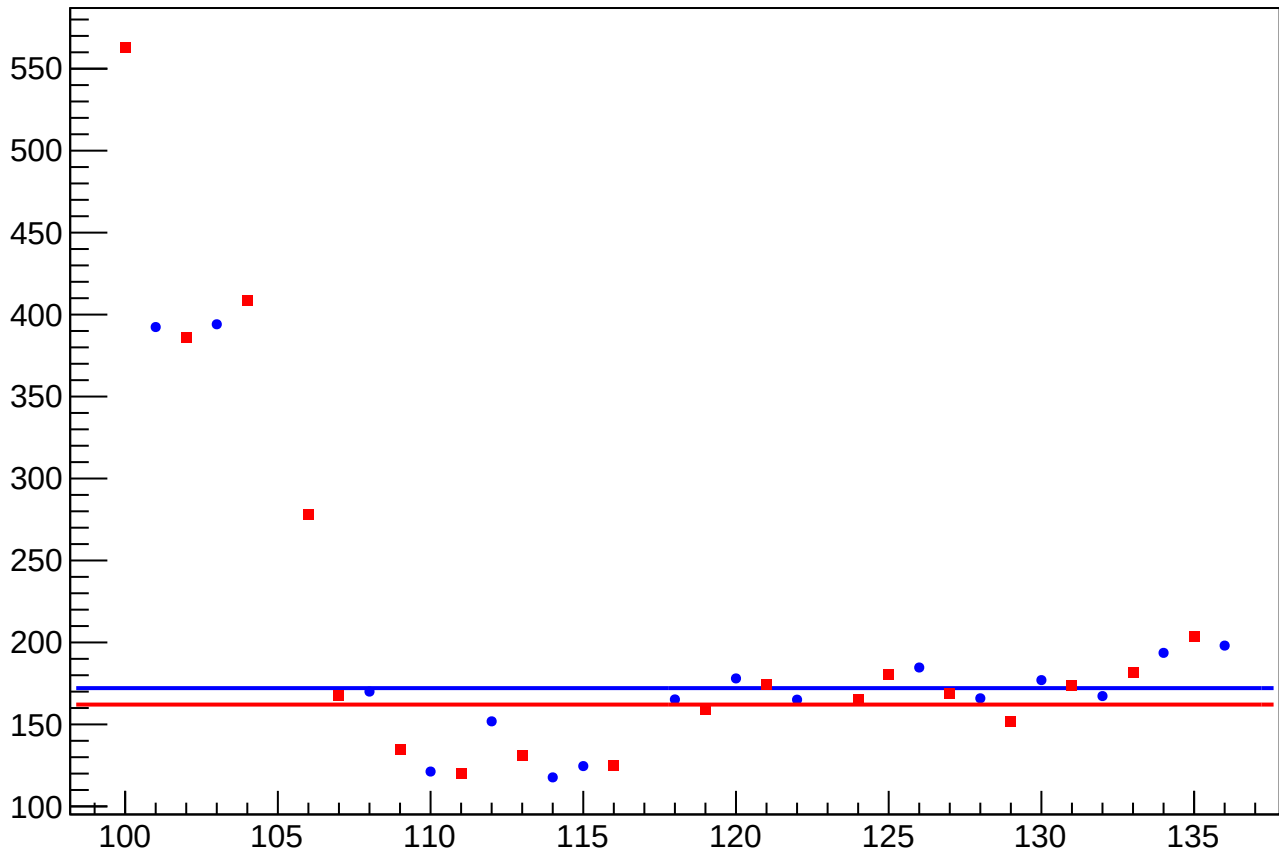
Right In: 141681.846+/-0.068 χ^2 /NDF: 64292997.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 141679.446+/-0.064 χ^2 /NDF: 58494604.9/17

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

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: 162.101+/-0.046 χ^2/NDF : 1293147.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

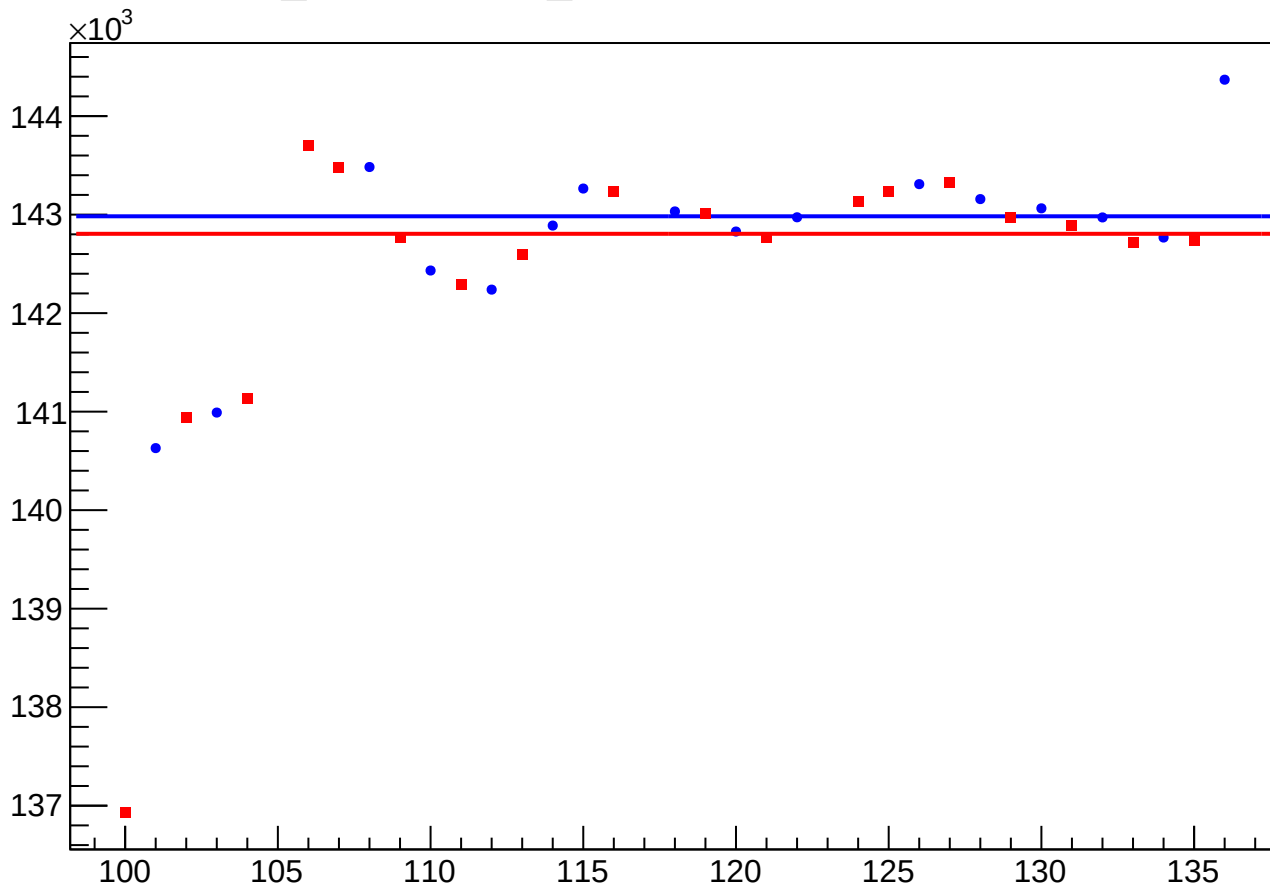
Right: 166.833+/-0.033 χ^2/NDF : 2384589.8/33

In: 172.139+/-0.048 χ^2/NDF : 1068587.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.833+/-0.033 χ^2/NDF : 2384589.8/33

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: 142888.386+/-0.047 χ^2 /NDF: 171646469.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142805.238+/-0.065 χ^2 /NDF: 60428574.5/17

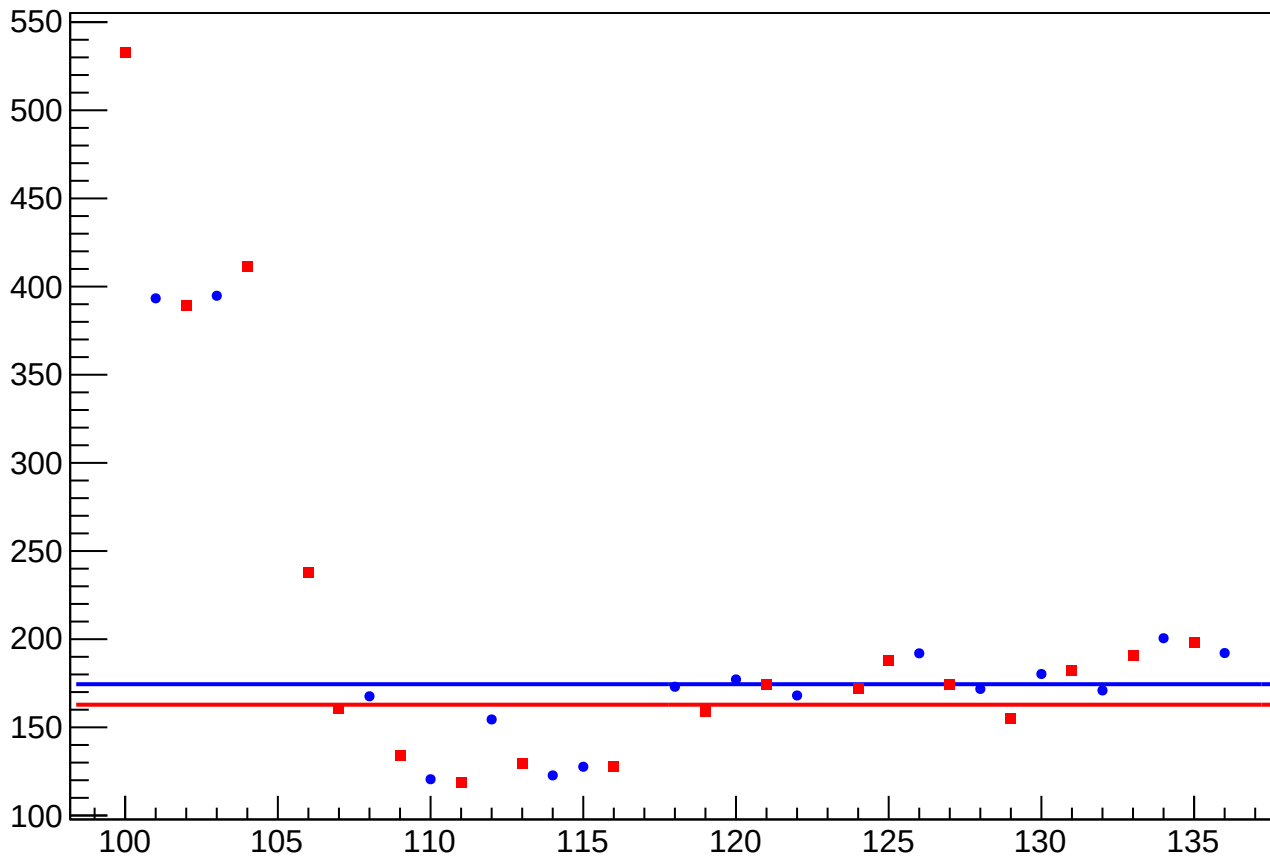
In: 142983.006+/-0.069 χ^2 /NDF: 107696217.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142888.386+/-0.047 χ^2 /NDF: 171646469.2/3

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: 162.848 $\pm$ 0.046 χ^2 /NDF: 1275055.4/17

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

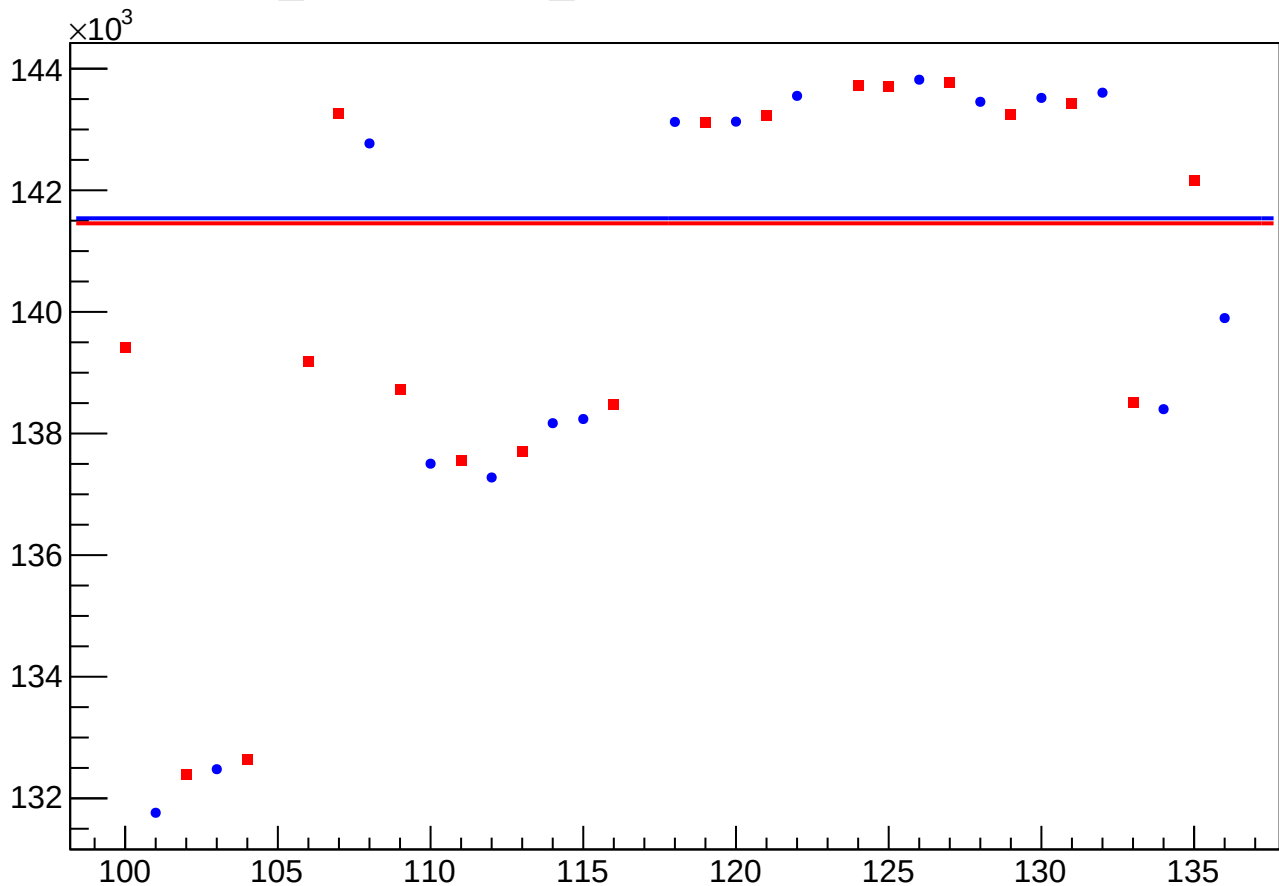
Right: 168.282 $\pm$ 0.033 χ^2 /NDF: 2354273.6/33

In: 174.467 $\pm$ 0.049 χ^2 /NDF:1049126.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

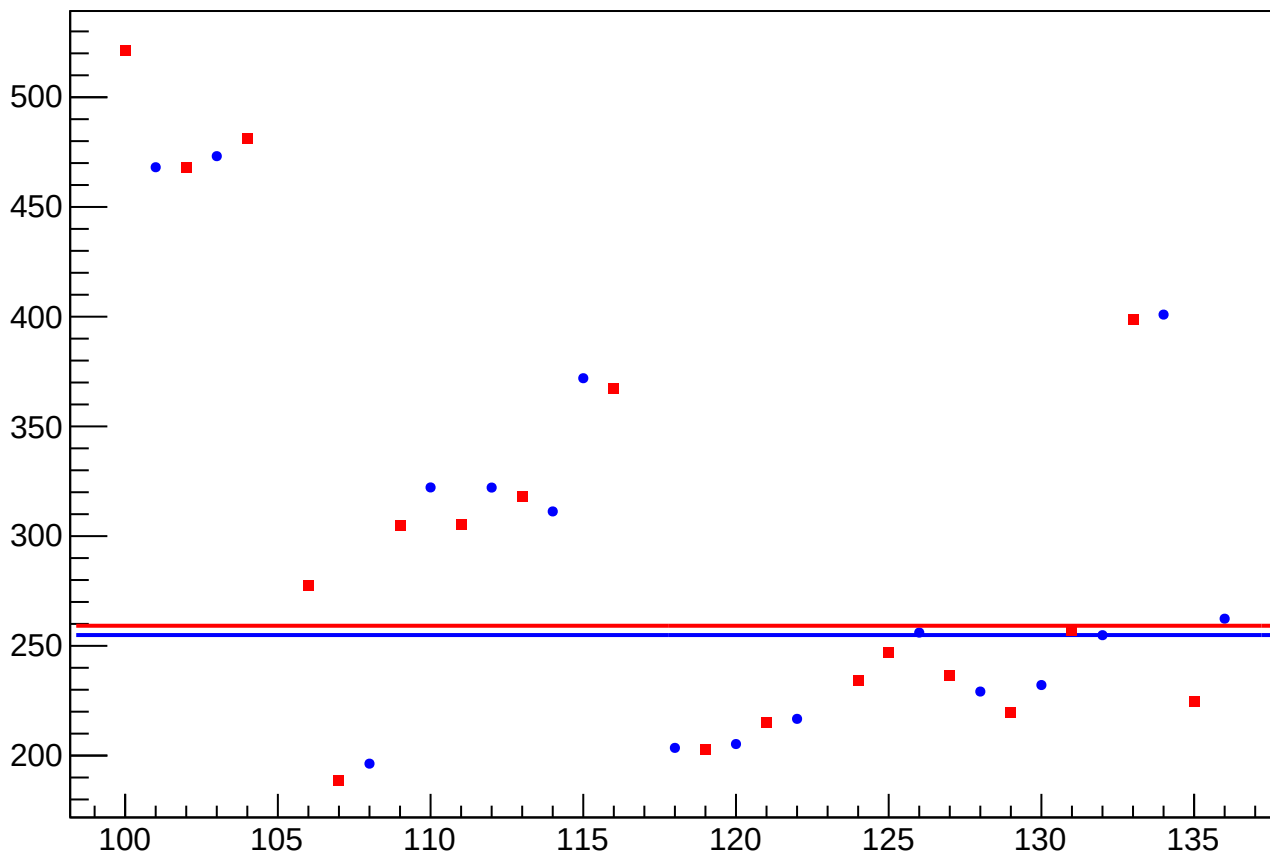
All: 168.282 $\pm$ 0.033 χ^2 /NDF: 2354273.6/33

yield_bpm0r03WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right In: 141539.467+/-0.101 χ^2 /NDF: 947743743.7/15
 Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right Out: 141456.650+/-0.102 χ^2 /NDF: 871498029.8/17
 Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 All: 141498.576+/-0.072 χ^2 /NDF: 1819574989.3/15

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: 259.160+/-0.072 χ^2/NDF : 979268.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

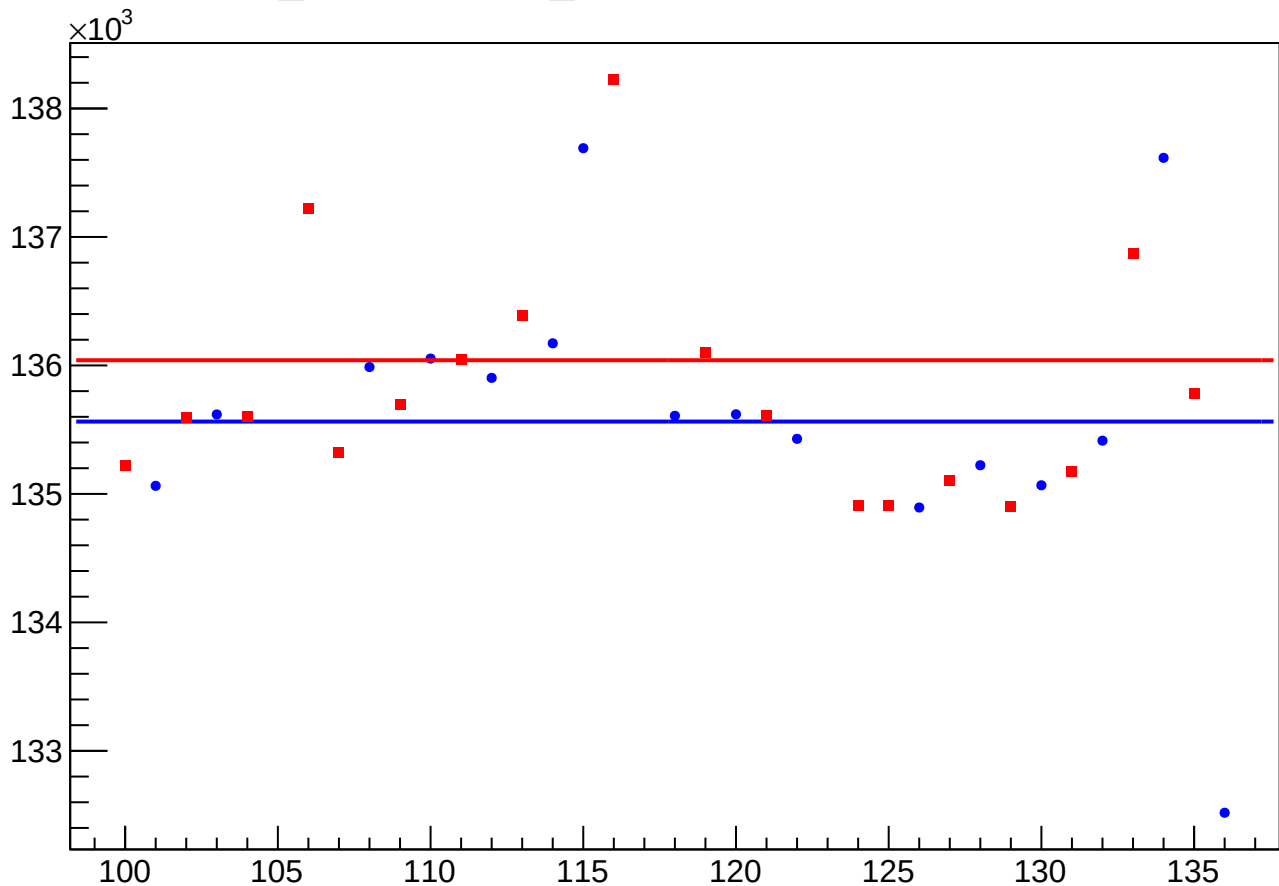
Right: 257.013+/-0.051 χ^2/NDF : 1930968.6/33

In: 254.919+/-0.071 χ^2/NDF :949952.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 257.013+/-0.051 χ^2/NDF : 1930968.6/33

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: 136040.582 $\pm$ 0.107 χ^2 /NDF: 52096444.7/17

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

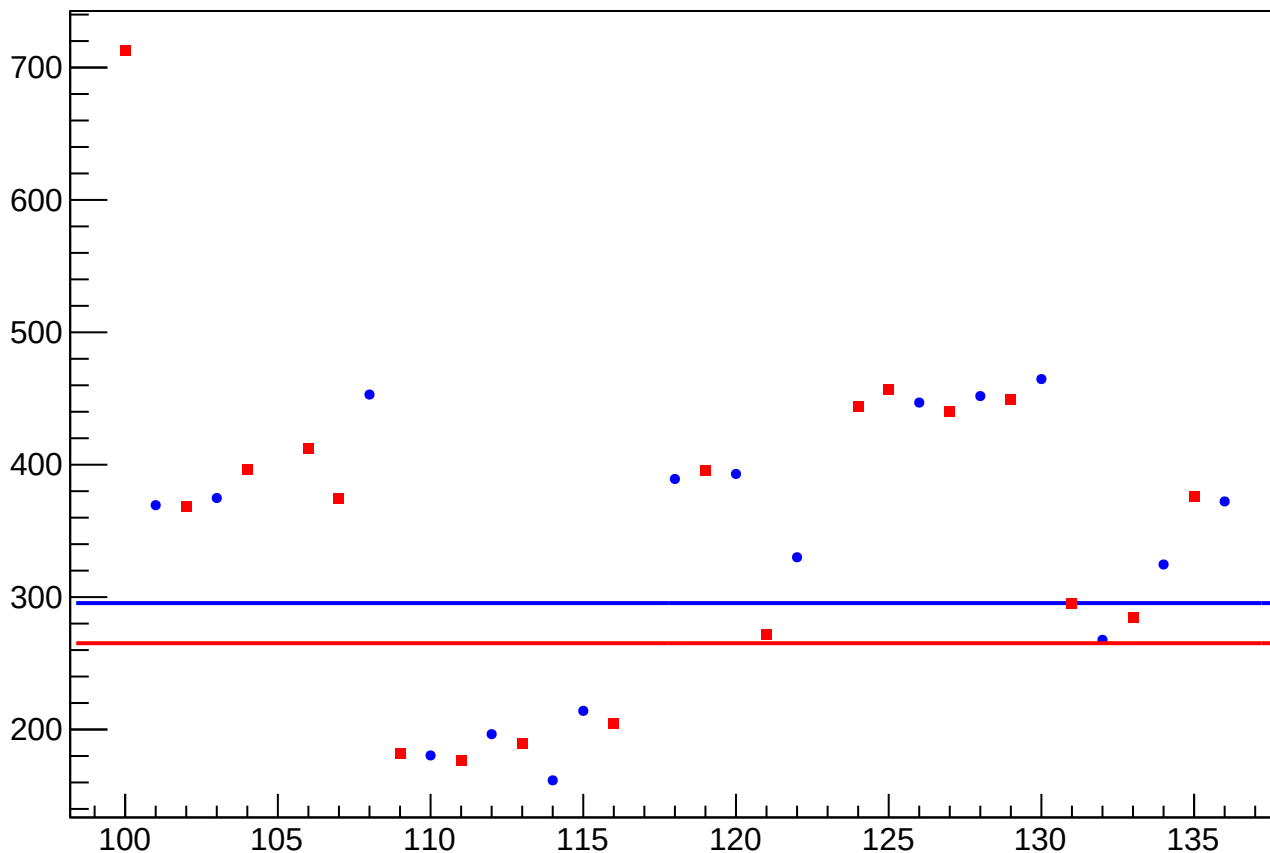
Right: 135825.169 $\pm$ 0.079 χ^2 /NDF: 155200964.9/3

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: 135825.169 $\pm$ 0.079 χ^2 /NDF: 155200964.9/3

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: 265.192+/-0.076 χ^2/NDF : 1650275.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

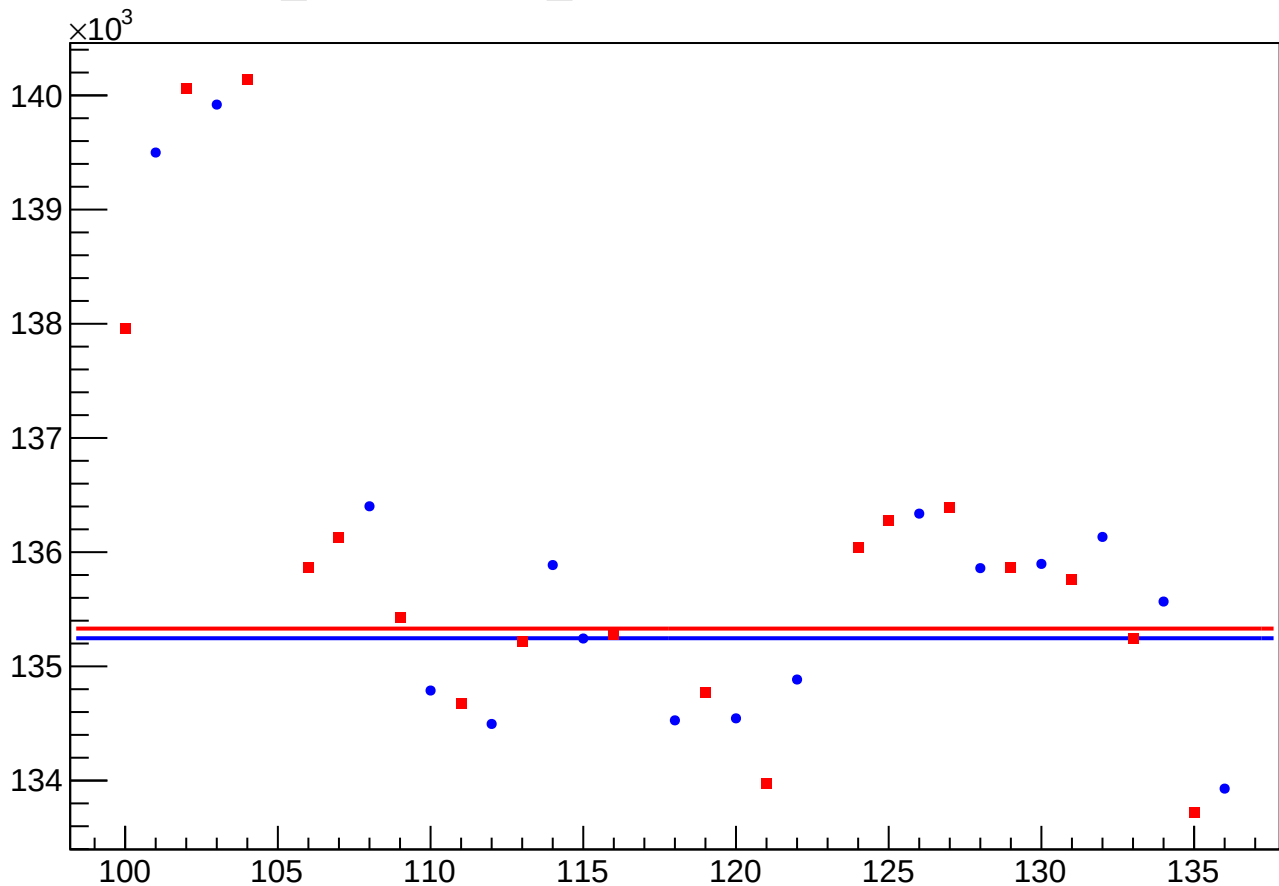
Right: 278.856+/-0.056 χ^2/NDF : 3164706.7/33

In: 295.481+/-0.084 χ^2/NDF :1442531.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 278.856+/-0.056 χ^2/NDF : 3164706.7/33

yield_bpm0i02WS_mean vs Slug, Sign Corrected



Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right In: 135246.269 $\pm$ 0.055 χ^2/NDF : 388384719.1/15

Right: 135290.477 $\pm$ 0.038 χ^2/NDF : 744286563.8/3

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

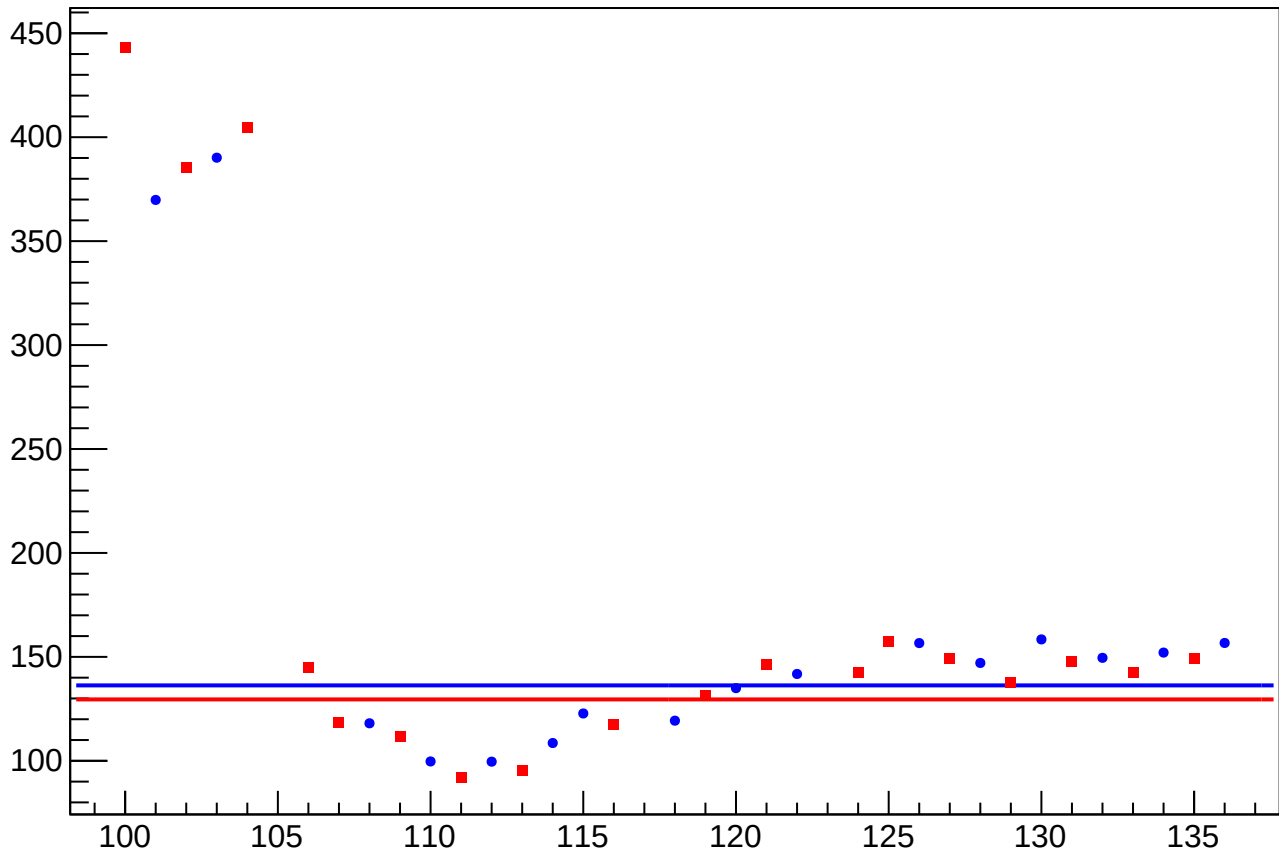
Right Out: 135330.841 $\pm$ 0.052 χ^2/NDF : 354653300.6/17

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: 135290.477 $\pm$ 0.038 χ^2/NDF : 744286563.8/3

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: 129.542+/-0.037 χ^2/NDF : 1505098.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

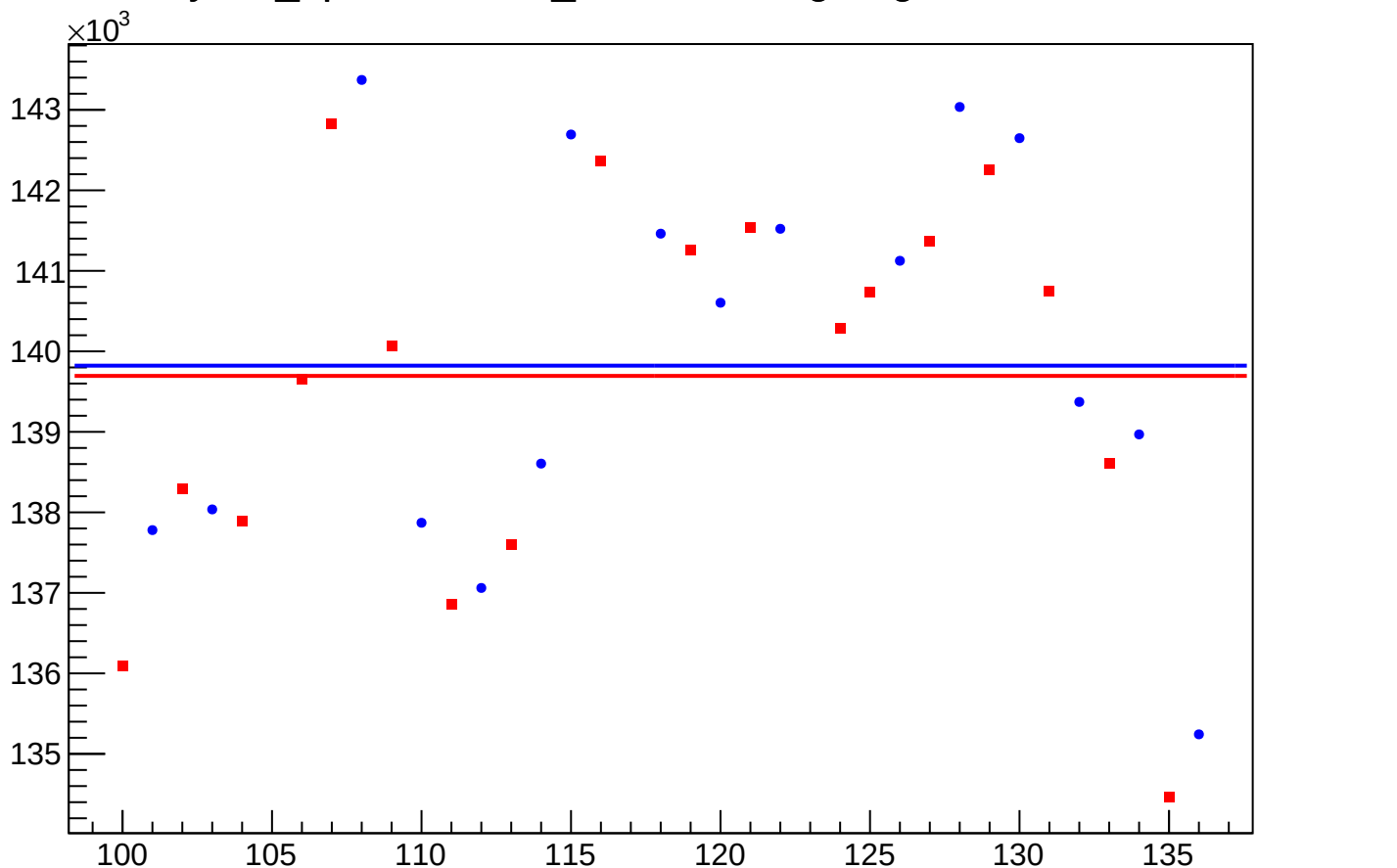
Right: 132.760+/-0.027 χ^2/NDF : 2905030.6/33

In: 136.285+/-0.039 χ^2/NDF : 1384057.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

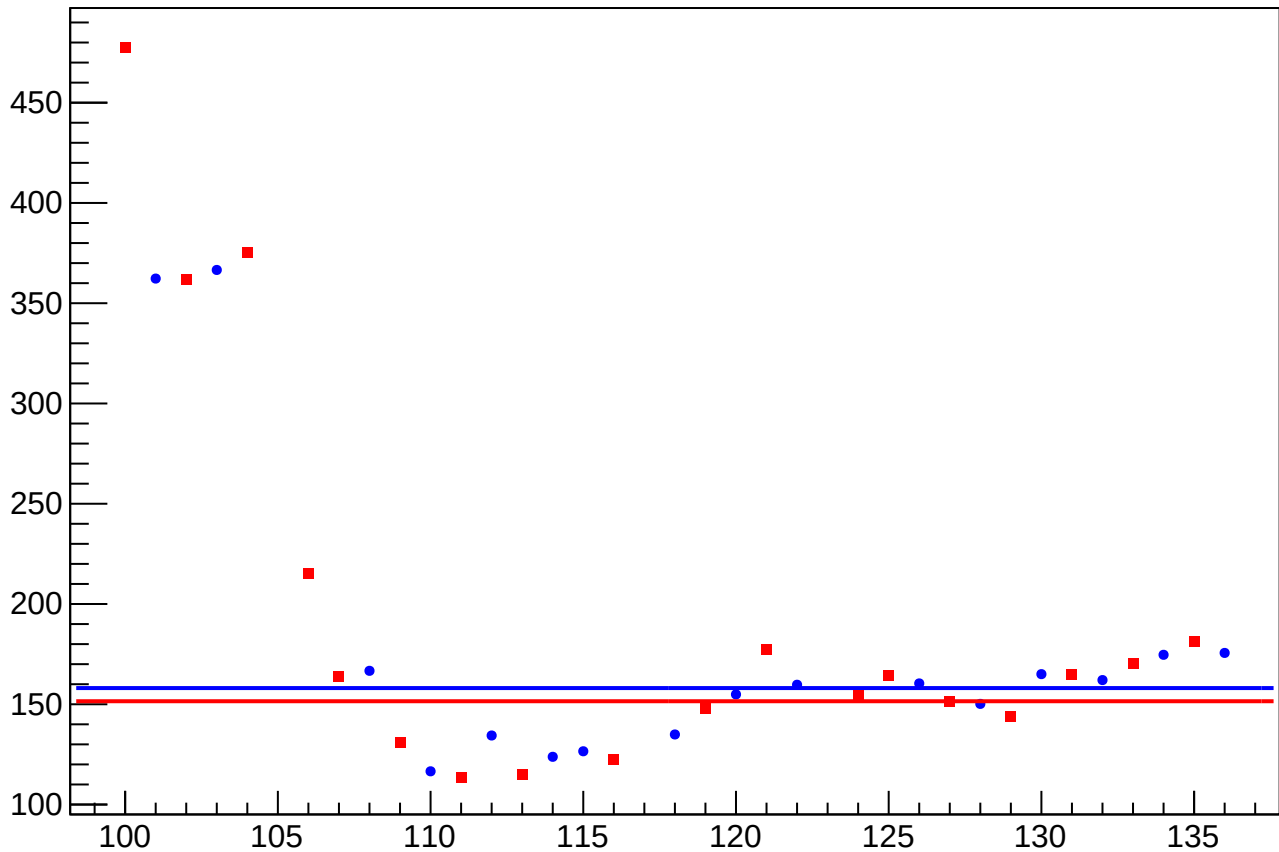
All: 132.760+/-0.027 χ^2/NDF : 2905030.6/33

yield_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 139822.122 $\pm$ 0.063 χ^2 /NDF: 1663381581.4/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: 139694.871 $\pm$ 0.060 χ^2 /NDF: 1340279508.1/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 In: 139822.122 $\pm$ 0.063 χ^2 /NDF:1663381581.4/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: 139756.224 $\pm$ 0.043 χ^2 /NDF: 3005801509.1/15

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: 151.512+/-0.043 χ^2/NDF : 1219264.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

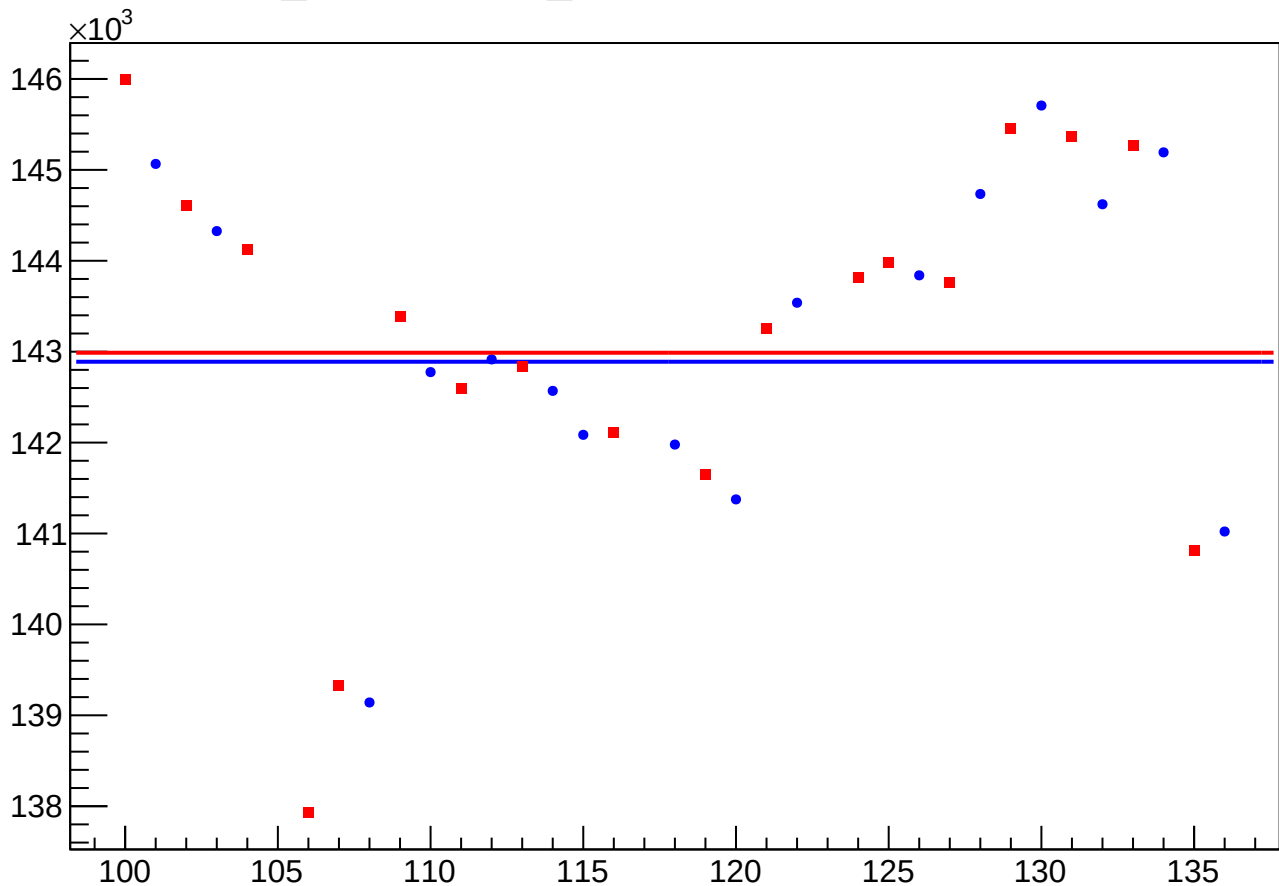
Right: 154.678+/-0.031 χ^2/NDF : 2248594.8/33

In: 158.079+/-0.044 χ^2/NDF : 1017928.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 154.678+/-0.031 χ^2/NDF : 2248594.8/33

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: 142941.480+/-0.045 χ^2 /NDF: 1524699718.7

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 142988.528+/-0.062 χ^2 /NDF: 760198877.4/17

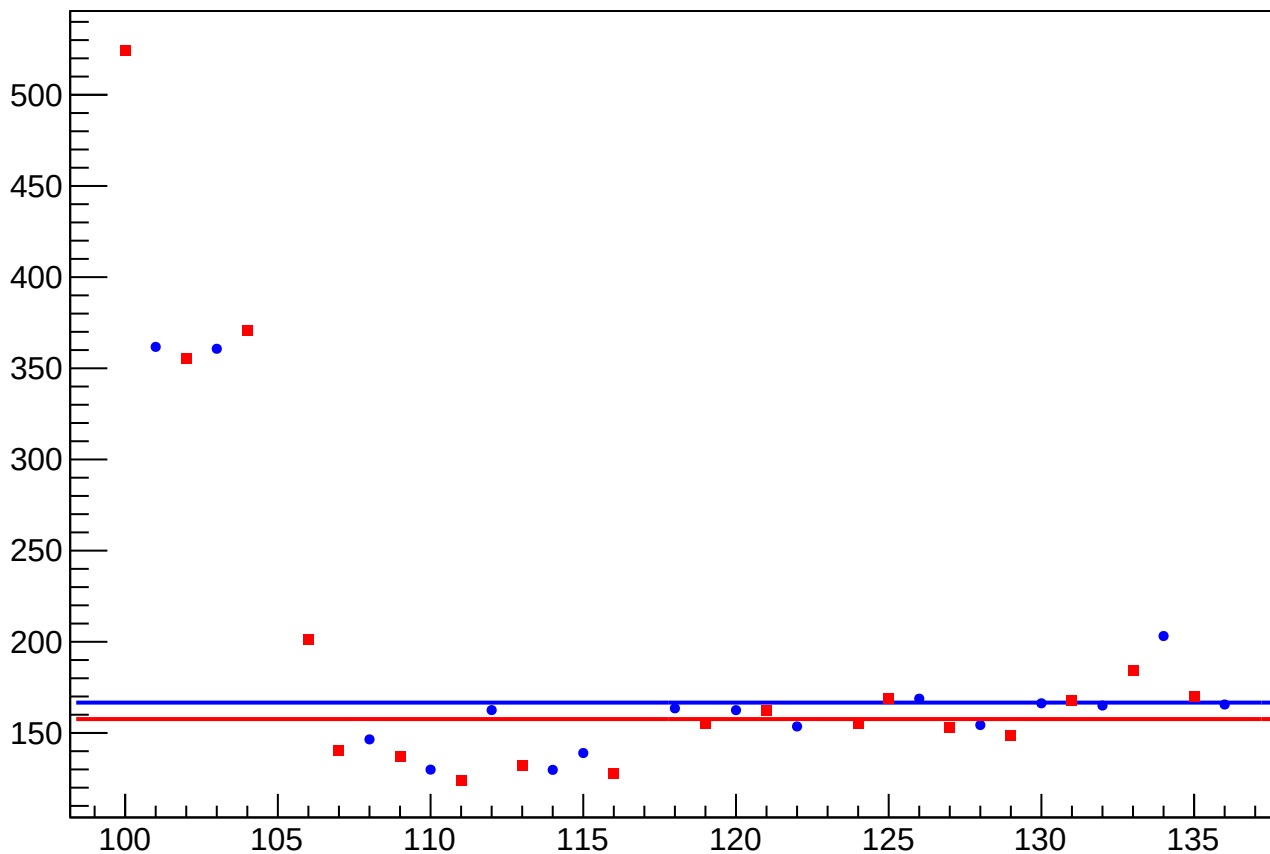
In: 142889.386+/-0.066 χ^2 /NDF: 763303771.6/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 142941.480+/-0.045 χ^2 /NDF: 1524699718.7

yield_bpm0i05WS_rms vs Slug, Sign Corrected



Right In: 166.656 $\pm$ 0.046 χ^2 /NDF: 863574.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 157.620 $\pm$ 0.044 χ^2 /NDF: 1021682.2/17

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

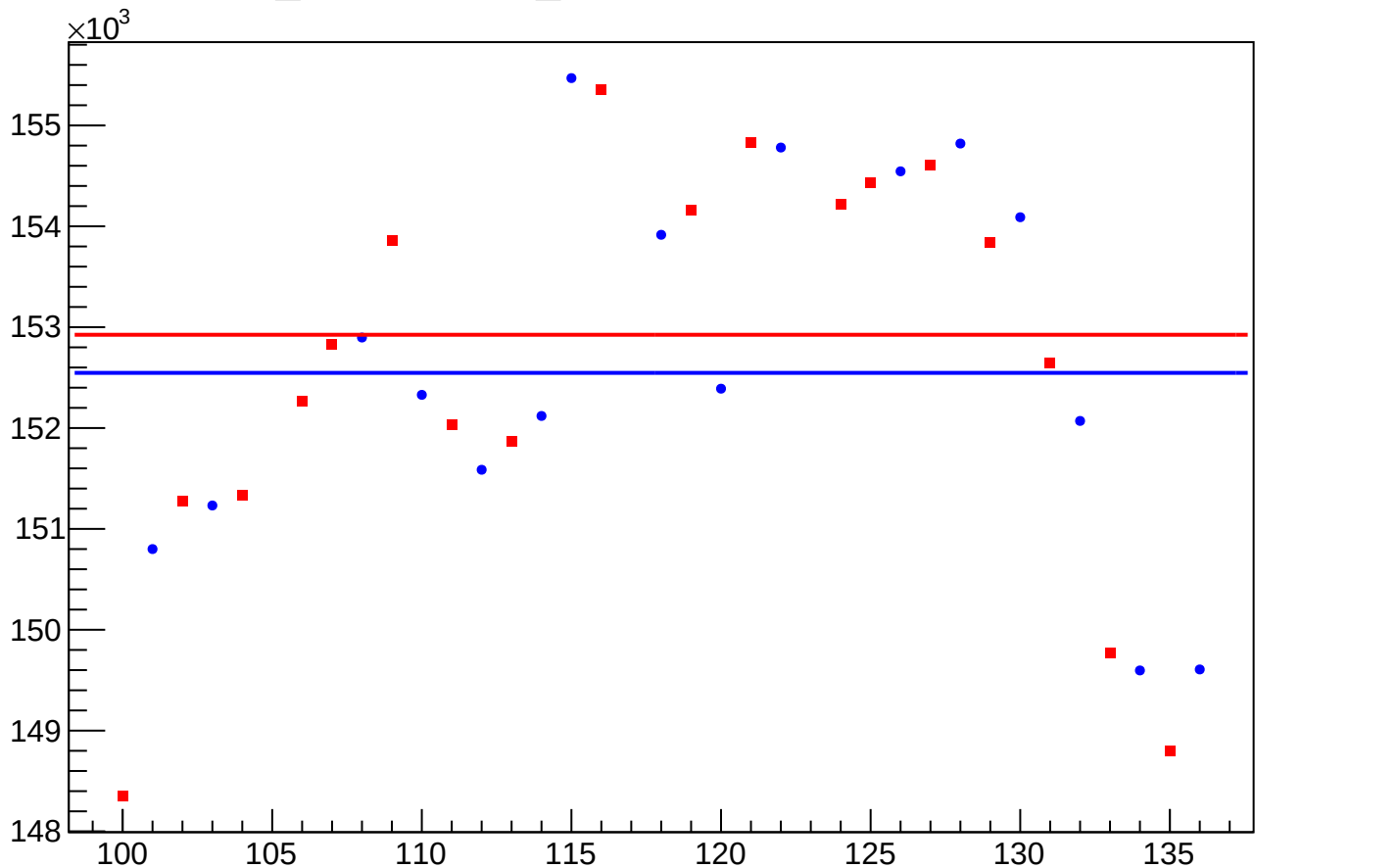
Right: 161.908 $\pm$ 0.032 χ^2 /NDF: 1905145.9/33

In: 166.656 $\pm$ 0.046 χ^2 /NDF:863574.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 161.908 $\pm$ 0.032 χ^2 /NDF: 1905145.9/33

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

Right: 152749.265+/-0.049 χ^2 /NDF: 1344930388.8

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 152924.520+/-0.068 χ^2 /NDF: 675897537.1/17

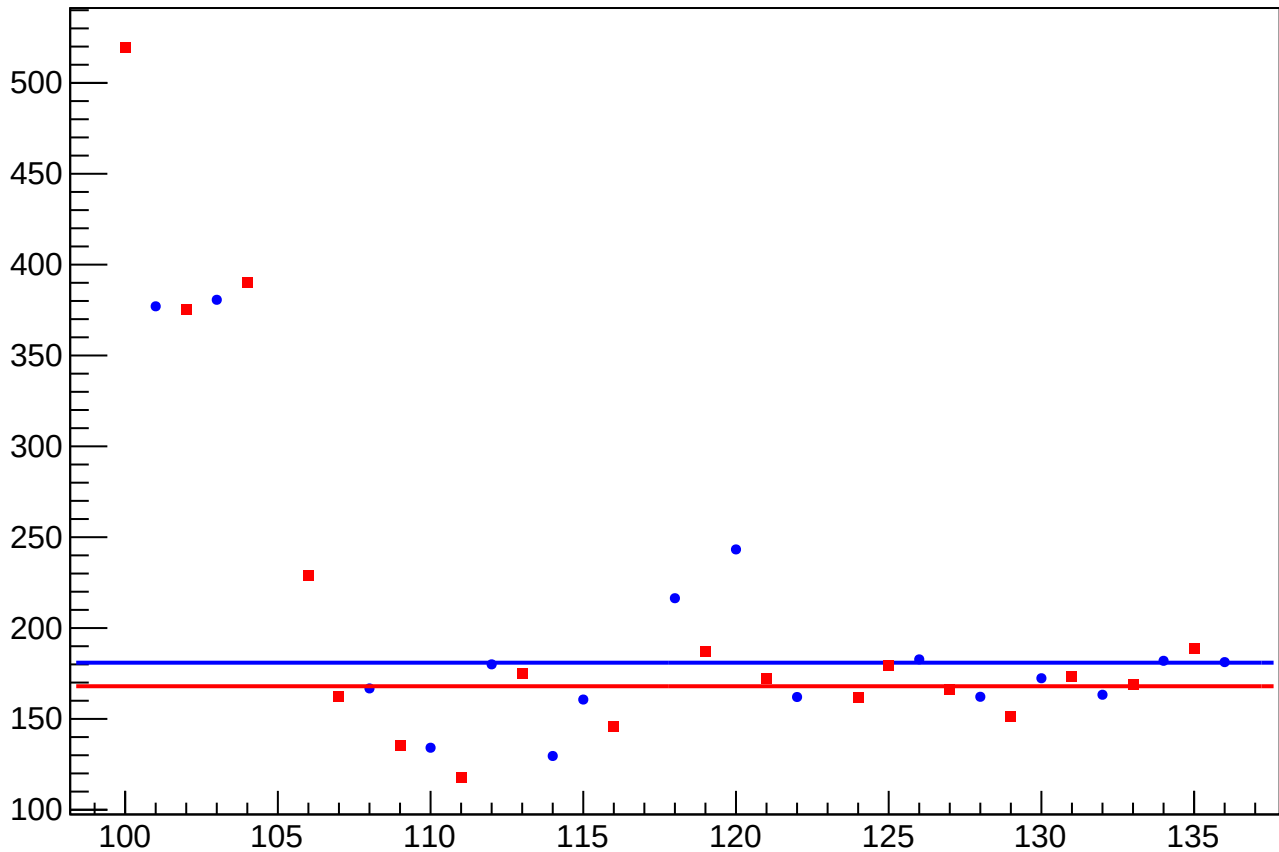
In: 152546.899+/-0.073 χ^2 /NDF: 654540559.6/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 152749.265+/-0.049 χ^2 /NDF: 1344930388.8

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: 167.979+/-0.048 χ^2/NDF : 1086859.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

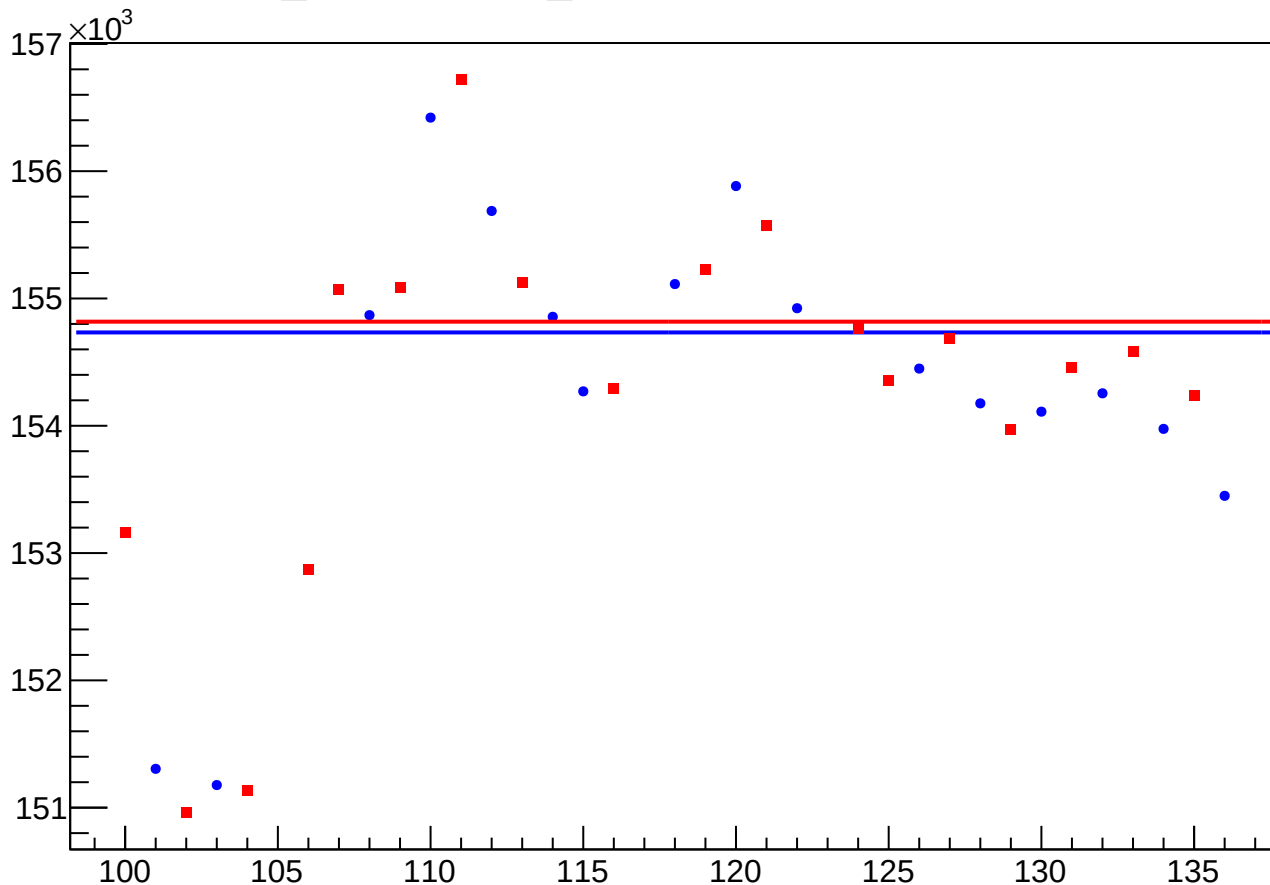
Right: 173.993+/-0.035 χ^2/NDF : 2028756.4/33

In: 180.938+/-0.051 χ^2/NDF : 907758.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 173.993+/-0.035 χ^2/NDF : 2028756.4/33

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: 154777.802+/-0.045 χ^2 /NDF: 573316849.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 154817.788+/-0.062 χ^2 /NDF: 297965526.4/17

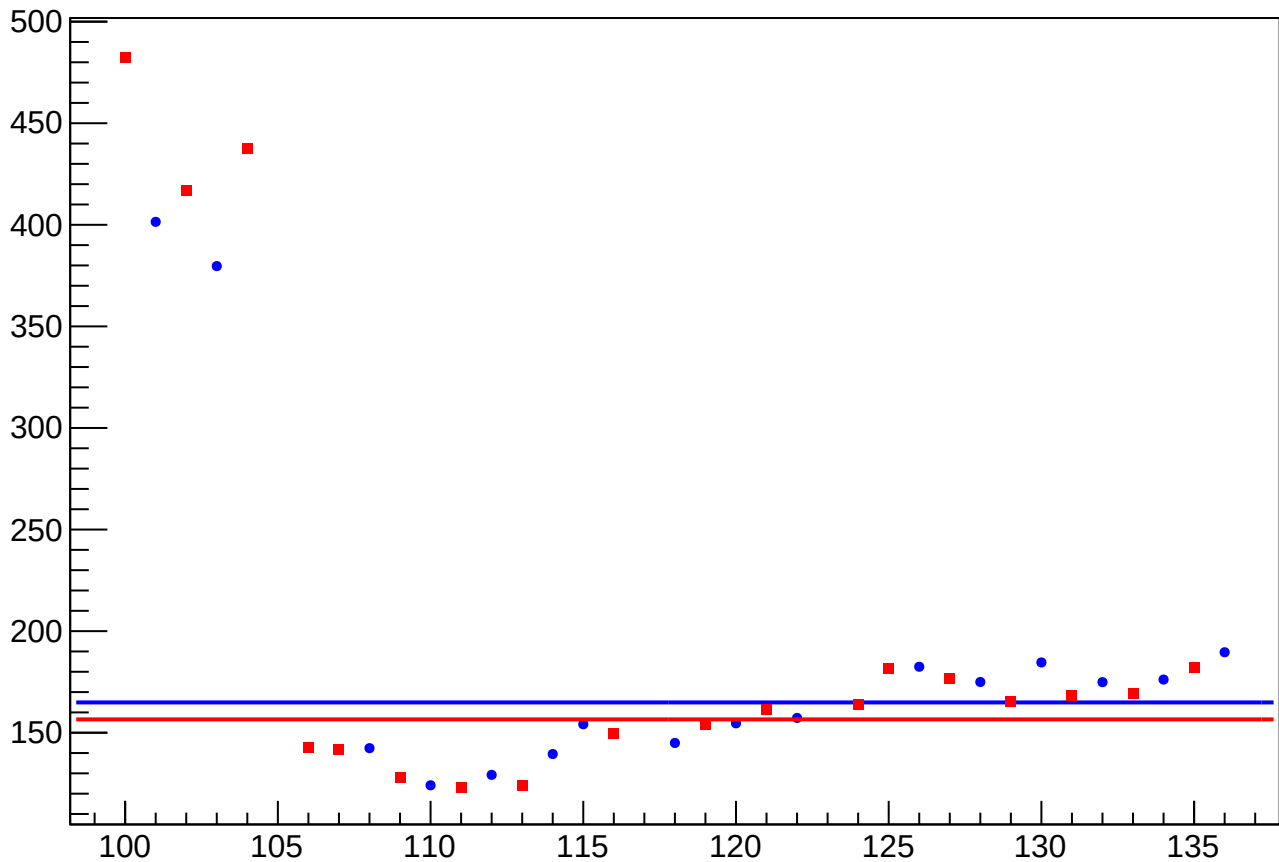
In: 154733.155+/-0.065 χ^2 /NDF: 274462319.1/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 154777.802+/-0.045 χ^2 /NDF: 573316849.2/3

yield_bpm1i02WS_rms vs Slug, Sign Corrected



Right In: 164.906 $\pm$ 0.046 χ^2 /NDF: 1072730.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 156.563 $\pm$ 0.044 χ^2 /NDF: 1241502.4/17

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

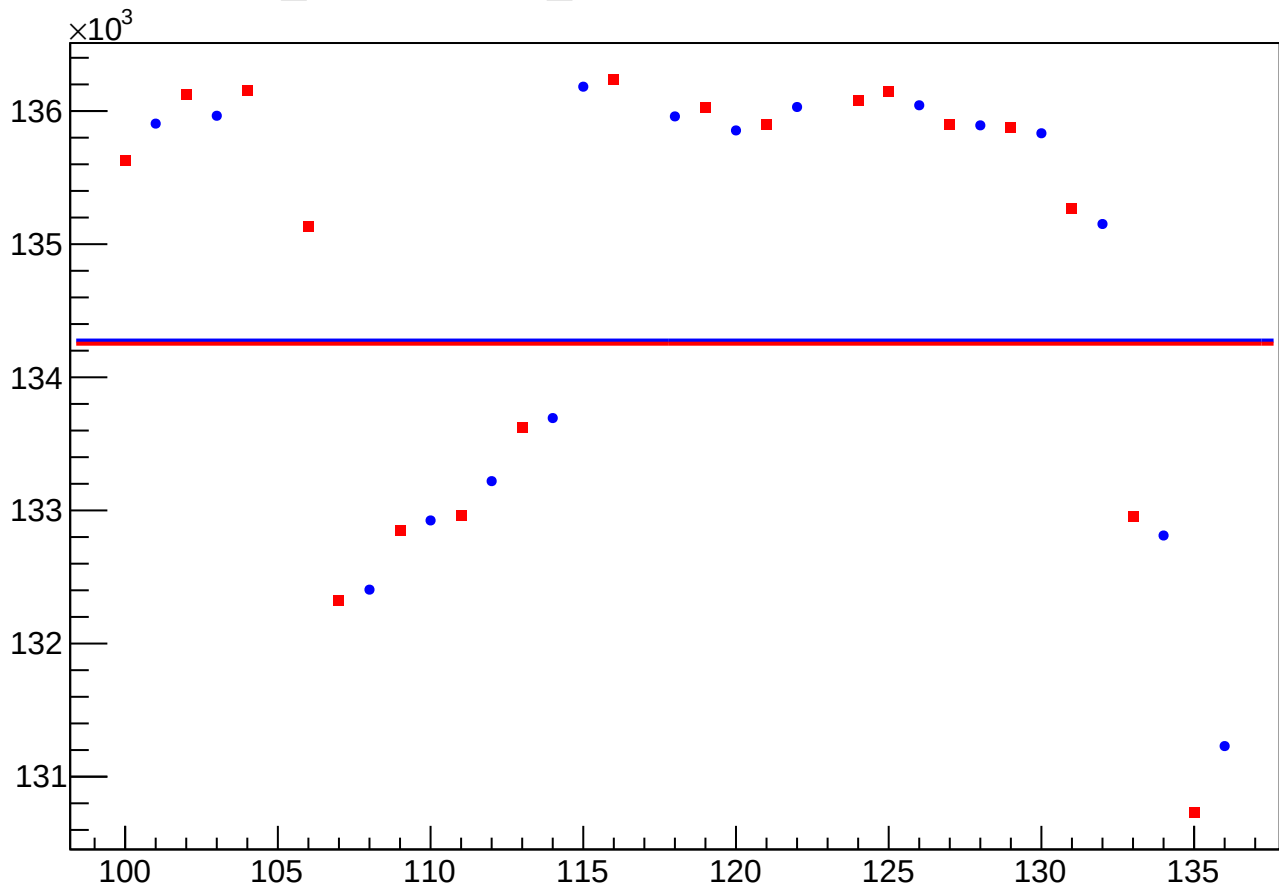
Right: 160.505 $\pm$ 0.032 χ^2 /NDF: 2331513.5/33

In: 164.906 $\pm$ 0.046 χ^2 /NDF:1072730.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 160.505 $\pm$ 0.032 χ^2 /NDF: 2331513.5/33

yield_bpm1i04WS_mean vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 134263.687+/-0.035 χ^2 /NDF: 2277728382.4/15

In: 134276.096+/-0.051 χ^2 /NDF: 1142867100.2/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 134263.687+/-0.035 χ^2 /NDF: 2277728382.4/15

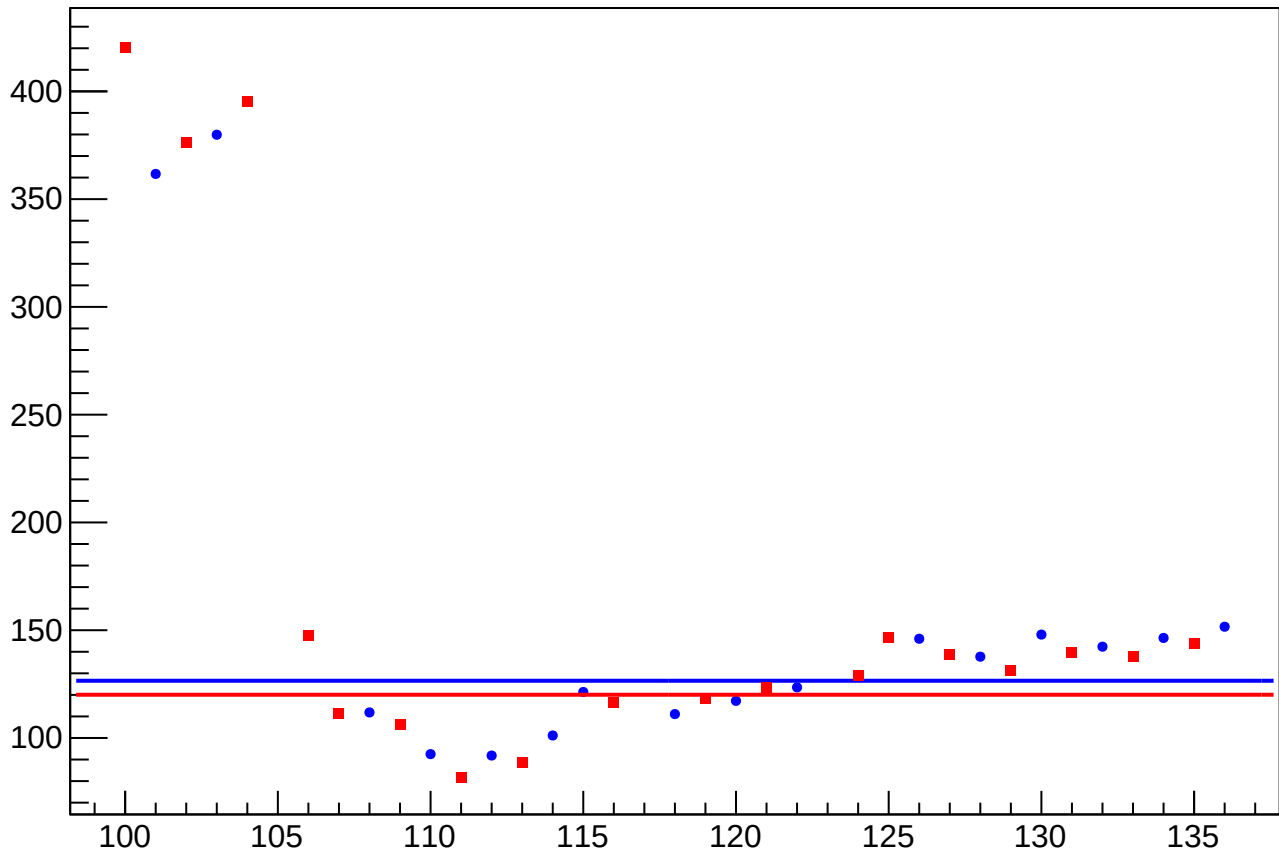
Right In: 134276.096+/-0.051 χ^2 /NDF: 1142867100.2/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 134252.411+/-0.048 χ^2 /NDF: 1134747514.7/17

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug, Sign Corrected



Right In: 126.551 $\pm$ 0.036 χ^2 /NDF: 1477429.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 120.062 $\pm$ 0.034 χ^2 /NDF: 1613808.3/17

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

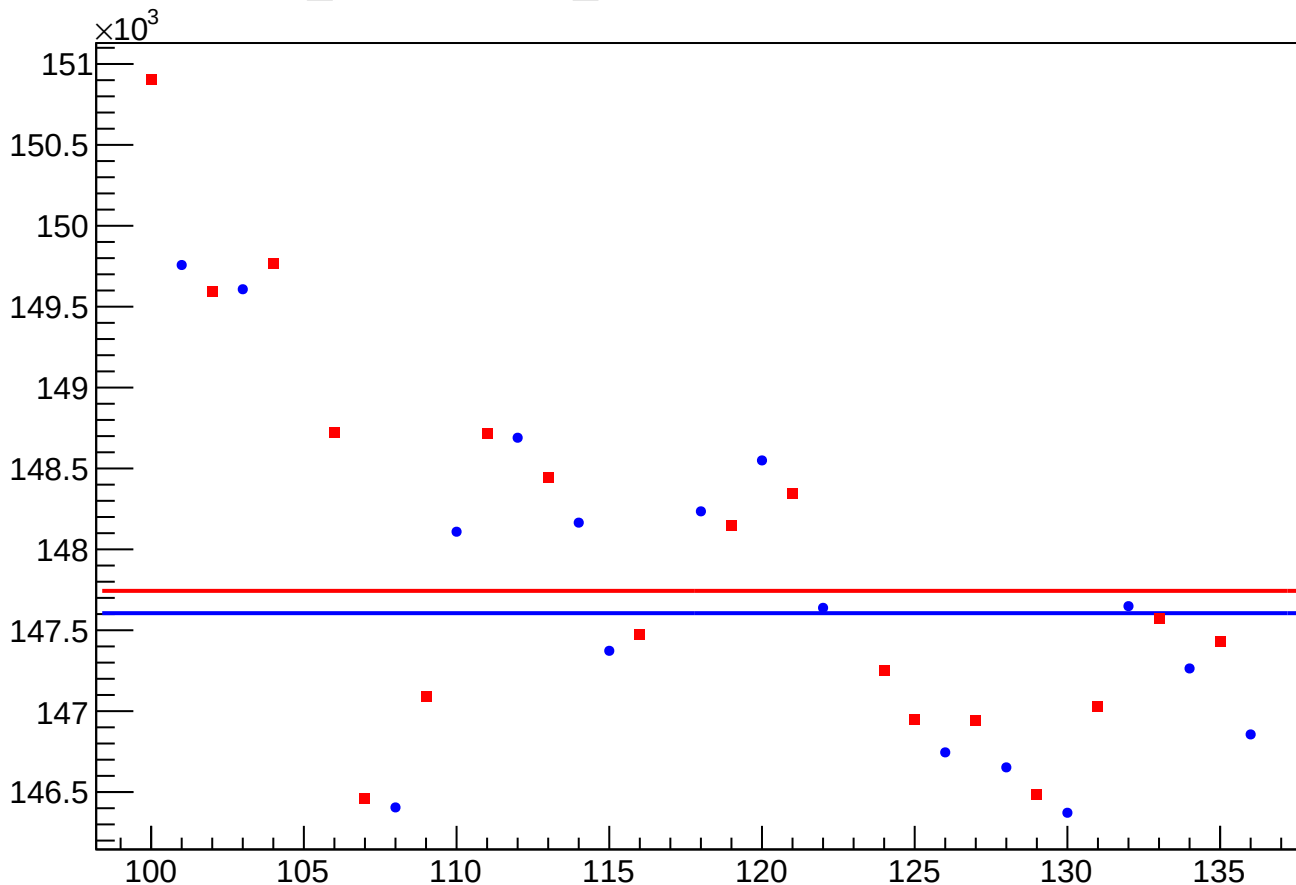
Right: 123.152 $\pm$ 0.025 χ^2 /NDF: 3108313.8/33

In: 126.551 $\pm$ 0.036 χ^2 /NDF:1477429.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 123.152 $\pm$ 0.025 χ^2 /NDF: 3108313.8/33

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: 147677.830+/-0.043 χ^2 /NDF: 394454224.2/3

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 147743.465+/-0.060 χ^2 /NDF: 191389695.6/17

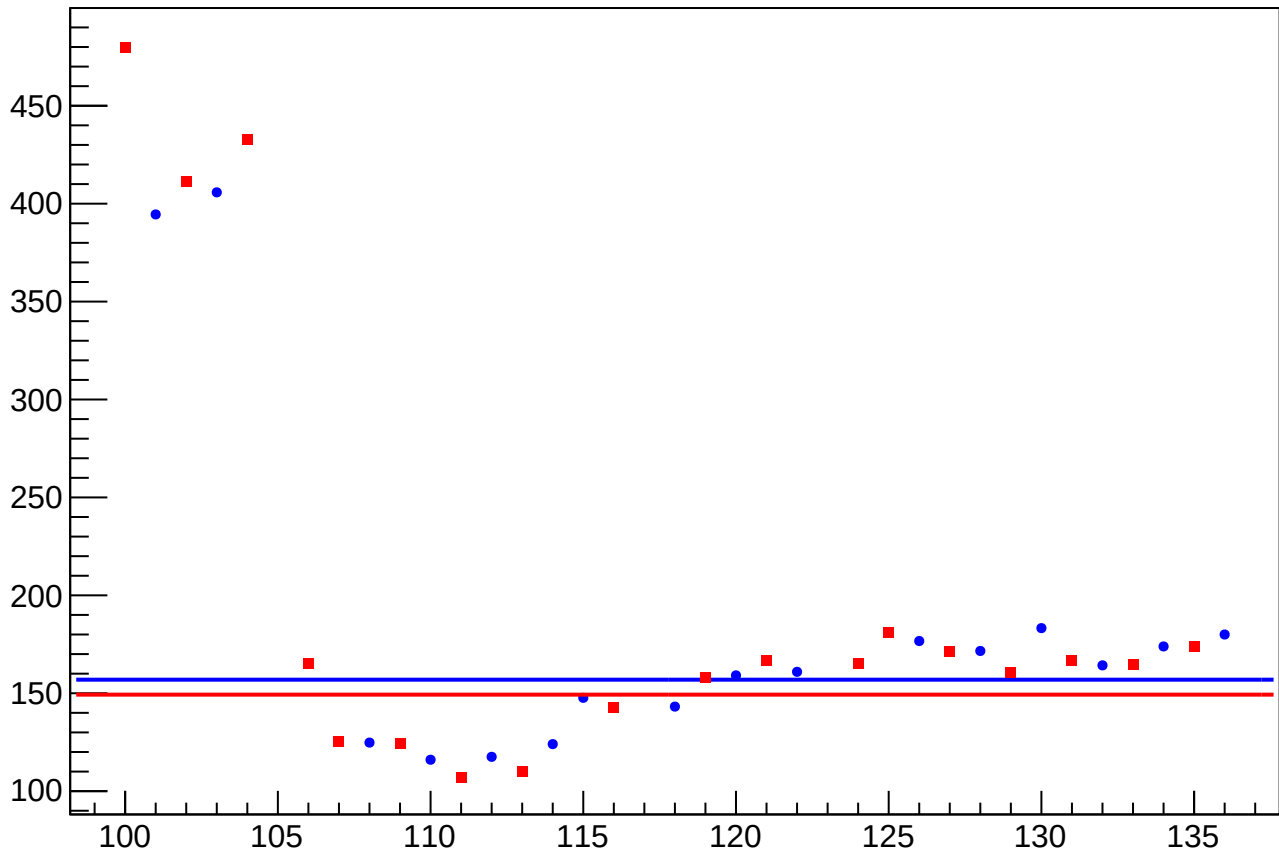
In: 147605.604+/-0.062 χ^2 /NDF: 200513366.5/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 147677.830+/-0.043 χ^2 /NDF: 394454224.2/3

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: 149.287+/-0.042 χ^2/NDF : 1440404.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

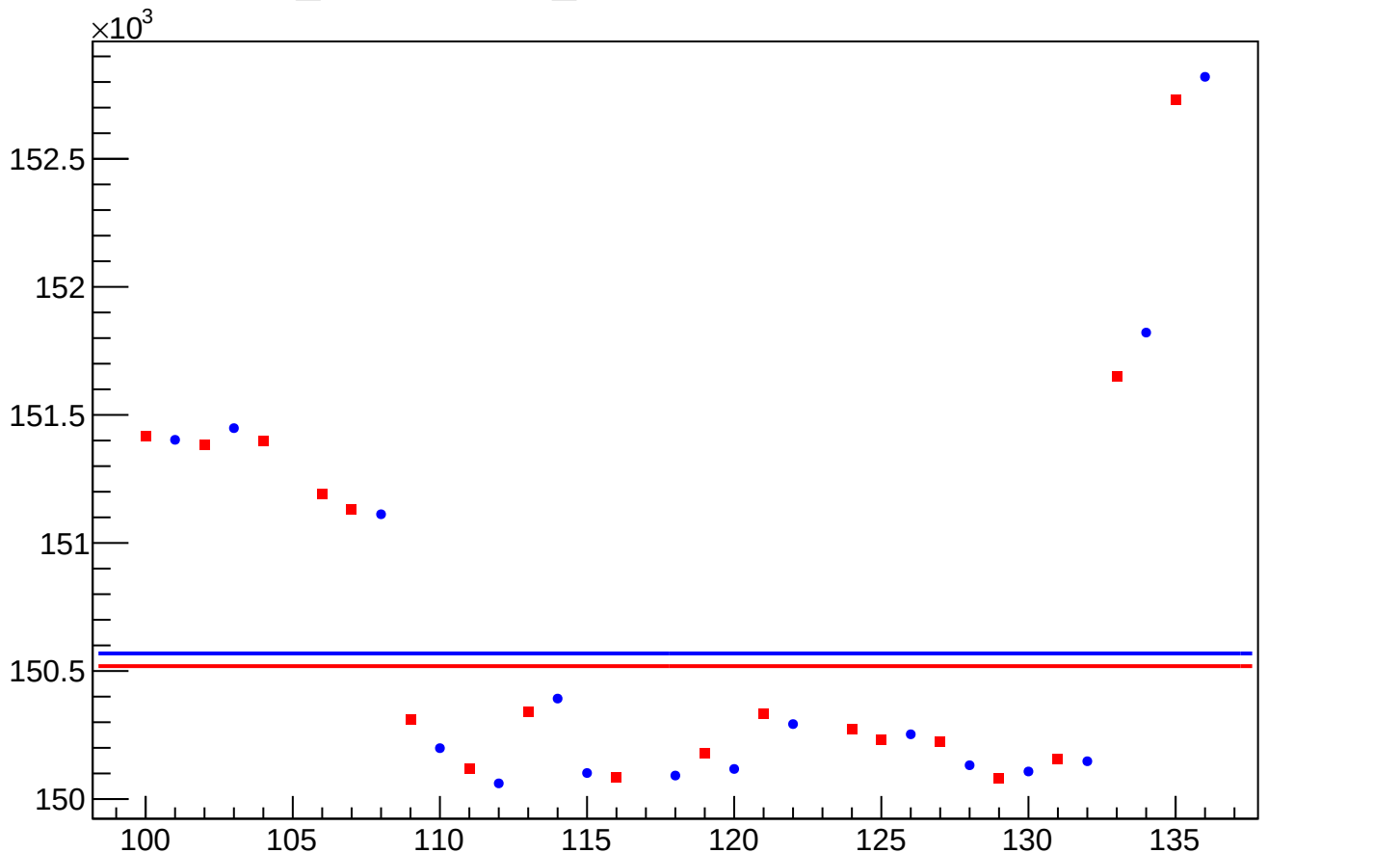
Right: 152.925+/-0.030 χ^2/NDF : 2721841.7/33

In: 156.927+/-0.044 χ^2/NDF :1265768.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

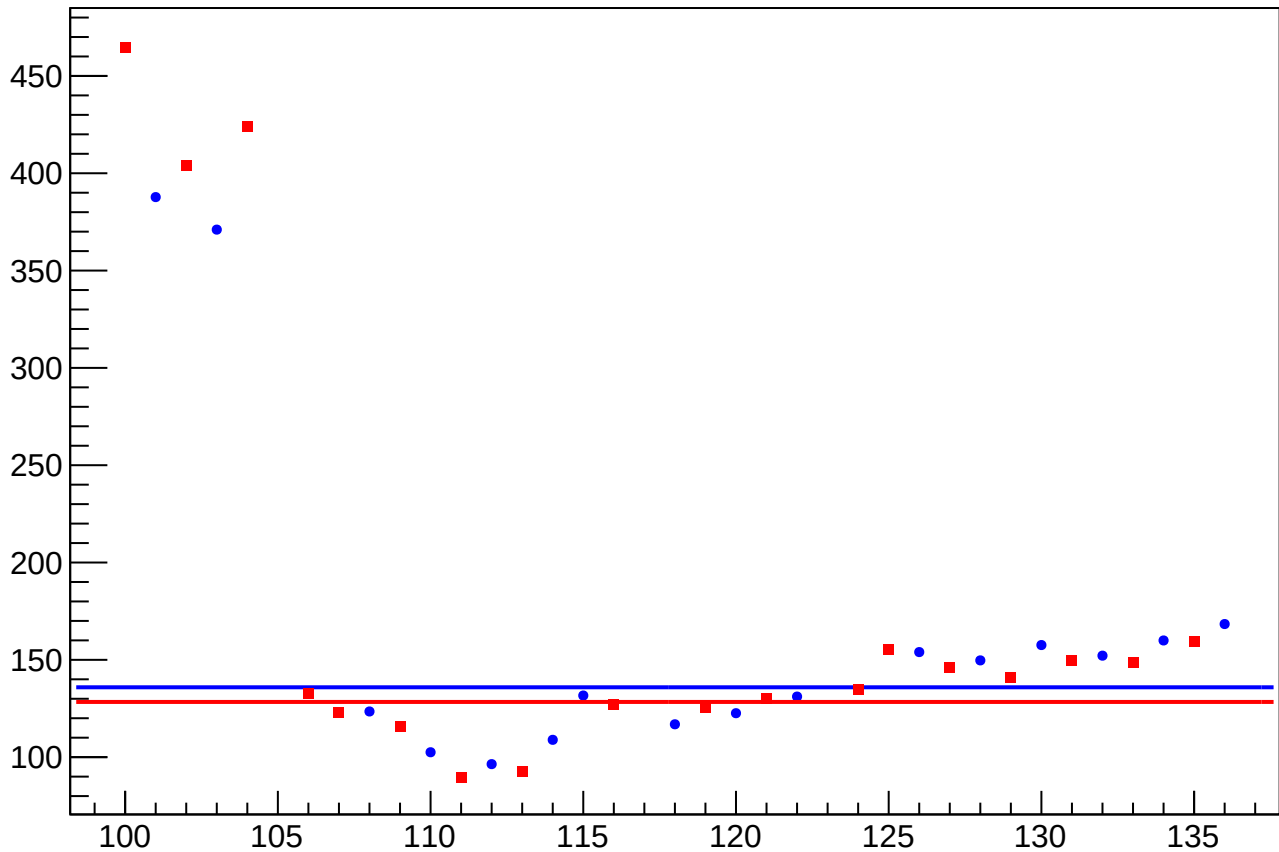
All: 152.925+/-0.030 χ^2/NDF : 2721841.7/33

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: 150542.358+/-0.037 χ^2 /NDF: 396982190.3/3
 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: 150542.358+/-0.037 χ^2 /NDF: 396982190.3/3

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: 128.369+/-0.036 χ^2/NDF : 1589985.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

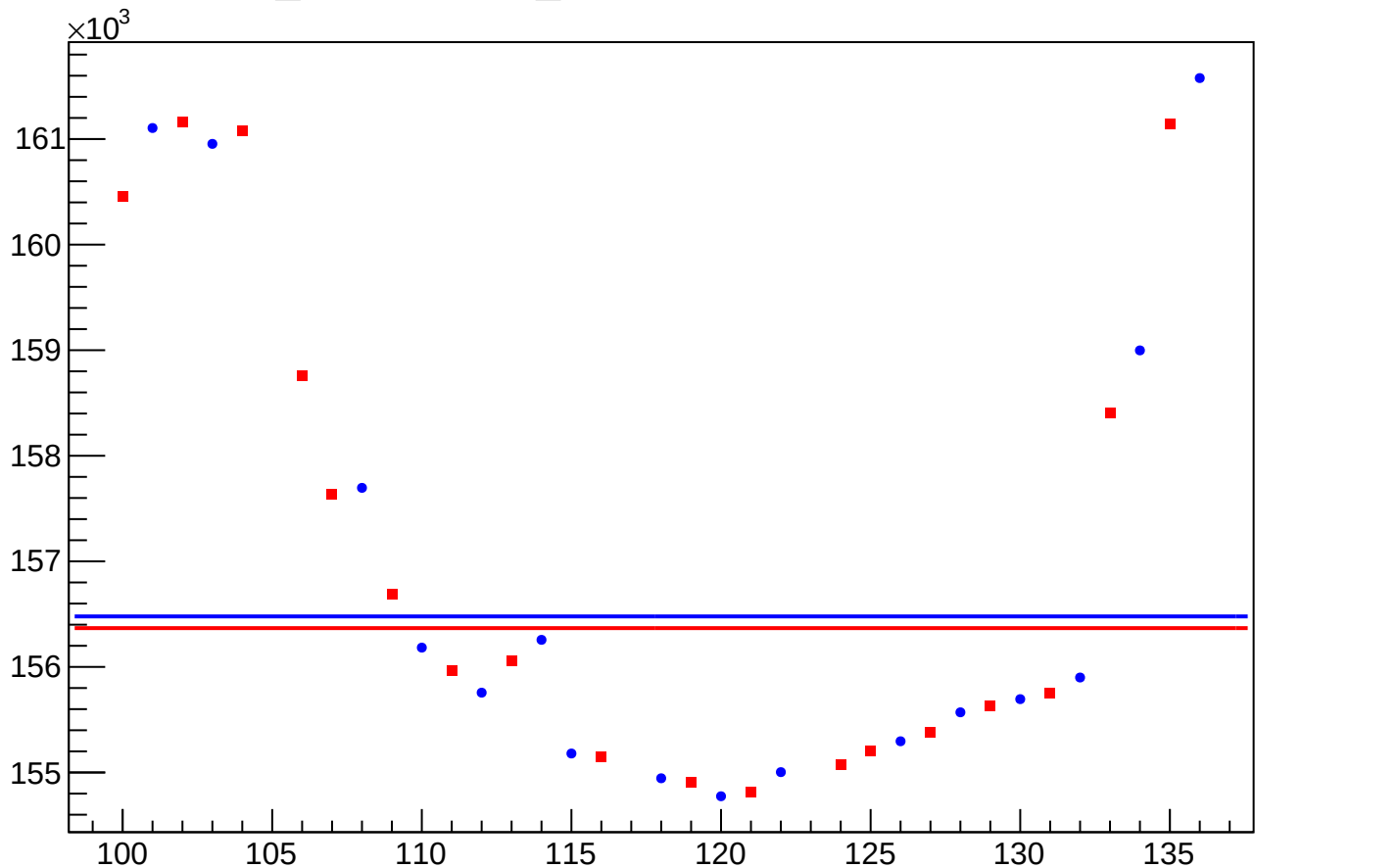
Right: 131.908+/-0.026 χ^2/NDF : 3026446.5/33

In: 135.896+/-0.039 χ^2/NDF :1416332.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

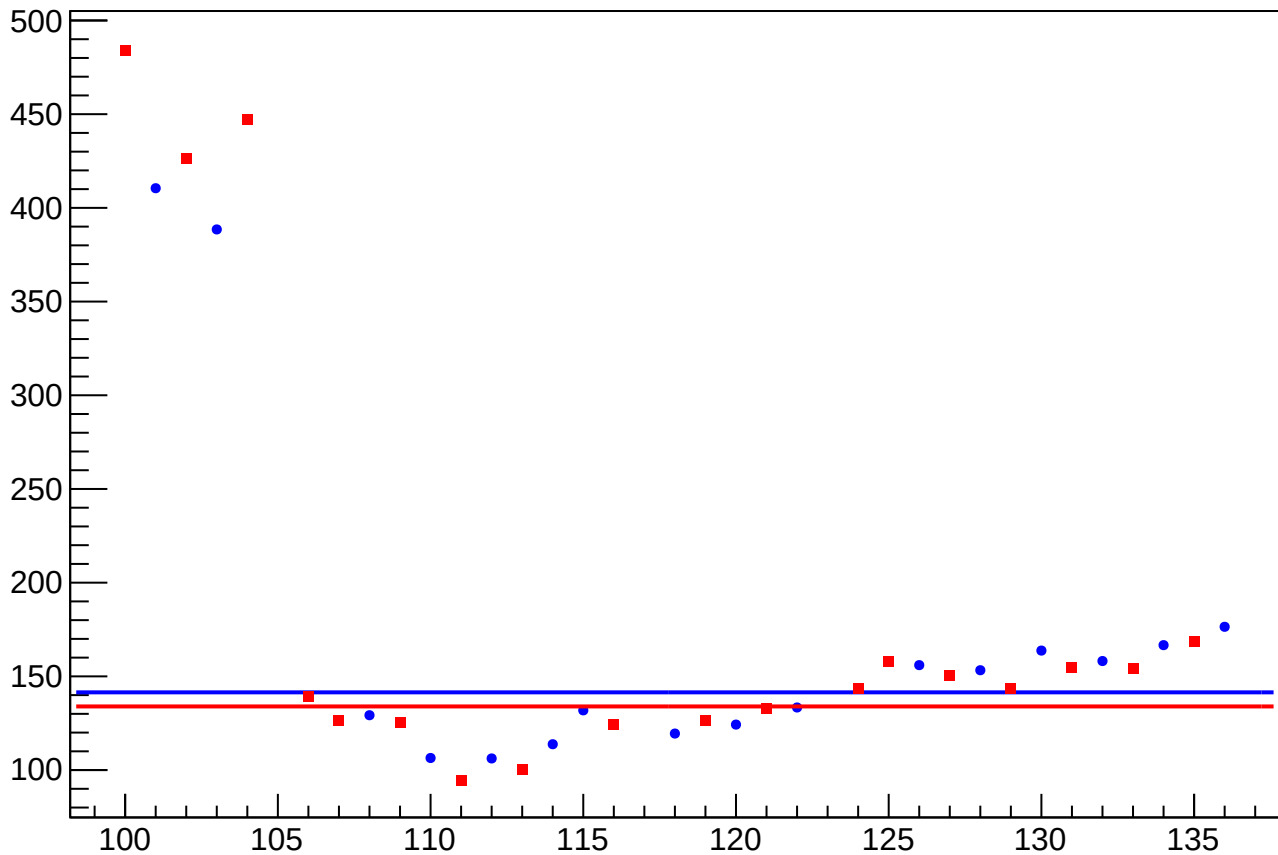
All: 131.908+/-0.026 χ^2/NDF : 3026446.5/33

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: 156419.664+/-0.039 χ^2/NDF : 2223972171.4/17
 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: 156419.664+/-0.039 χ^2/NDF : 2223972171.4/17

yield_bpm2i02WS_rms vs Slug, Sign Corrected



Right In: 141.470 $\pm$ 0.040 χ^2 /NDF: 1391933.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 133.953 $\pm$ 0.038 χ^2 /NDF: 1554698.1/17

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

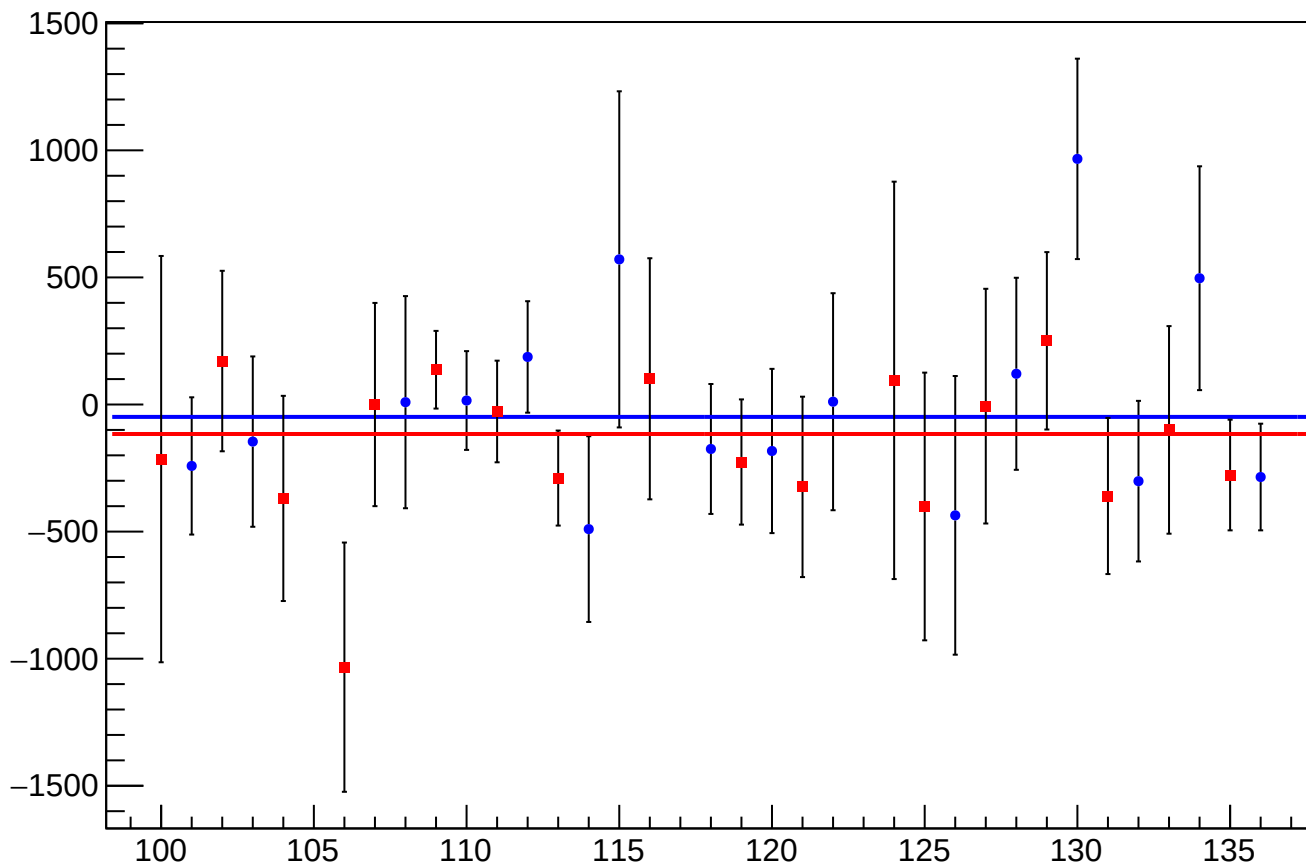
Right: 137.494 $\pm$ 0.028 χ^2 /NDF: 2965150.6/33

In: 141.470 $\pm$ 0.040 χ^2 /NDF:1391933.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 137.494 $\pm$ 0.028 χ^2 /NDF: 2965150.6/33

asym_bcm_target_mean vs Slug, Sign Corrected



Right In: -48.749 ± 76.592 χ^2/NDF : 15.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.015 ± 69.468 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

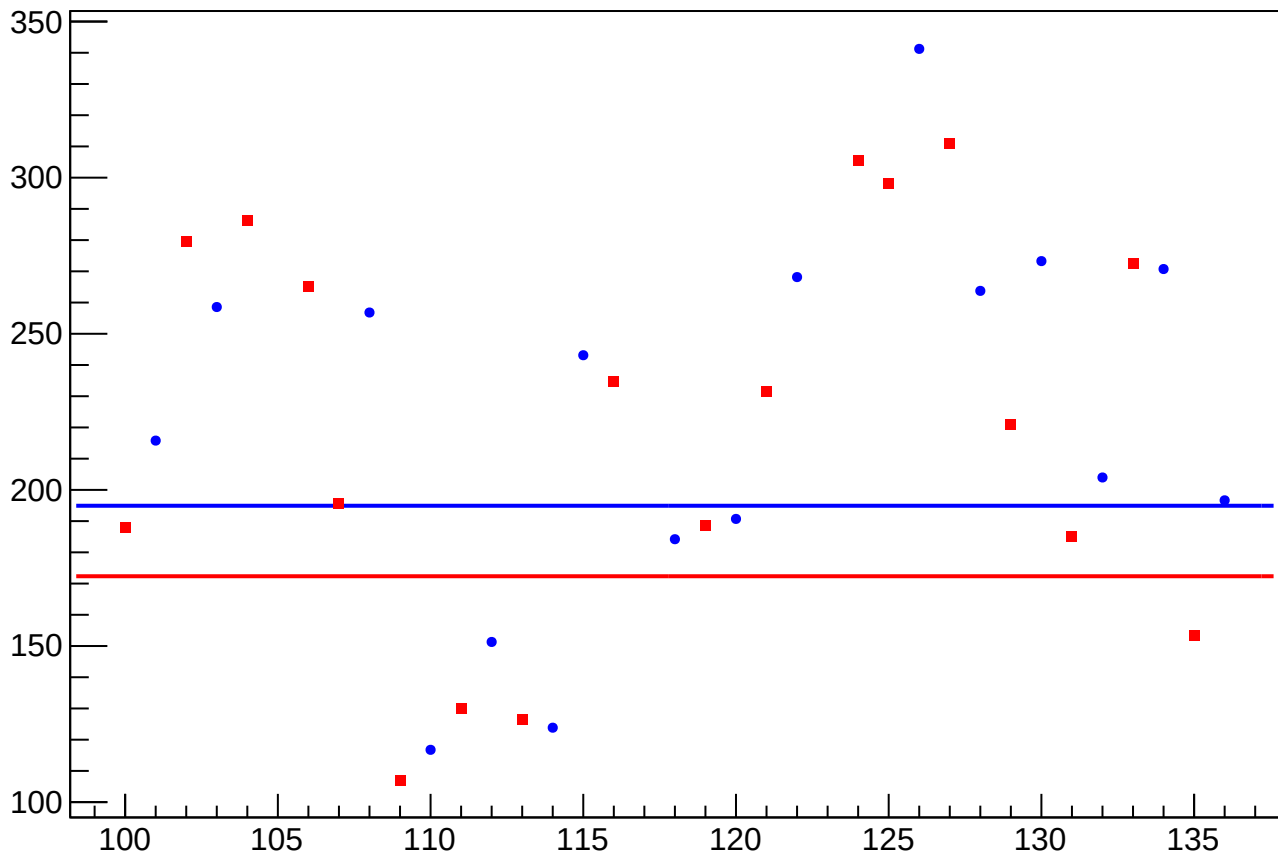
Right: -85.655 ± 51.456 χ^2/NDF : 27.8/33

In: -48.749 ± 76.592 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.655 ± 51.456 χ^2/NDF : 27.8/33

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: 172.346+/-0.049 χ^2/NDF : 1629420.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

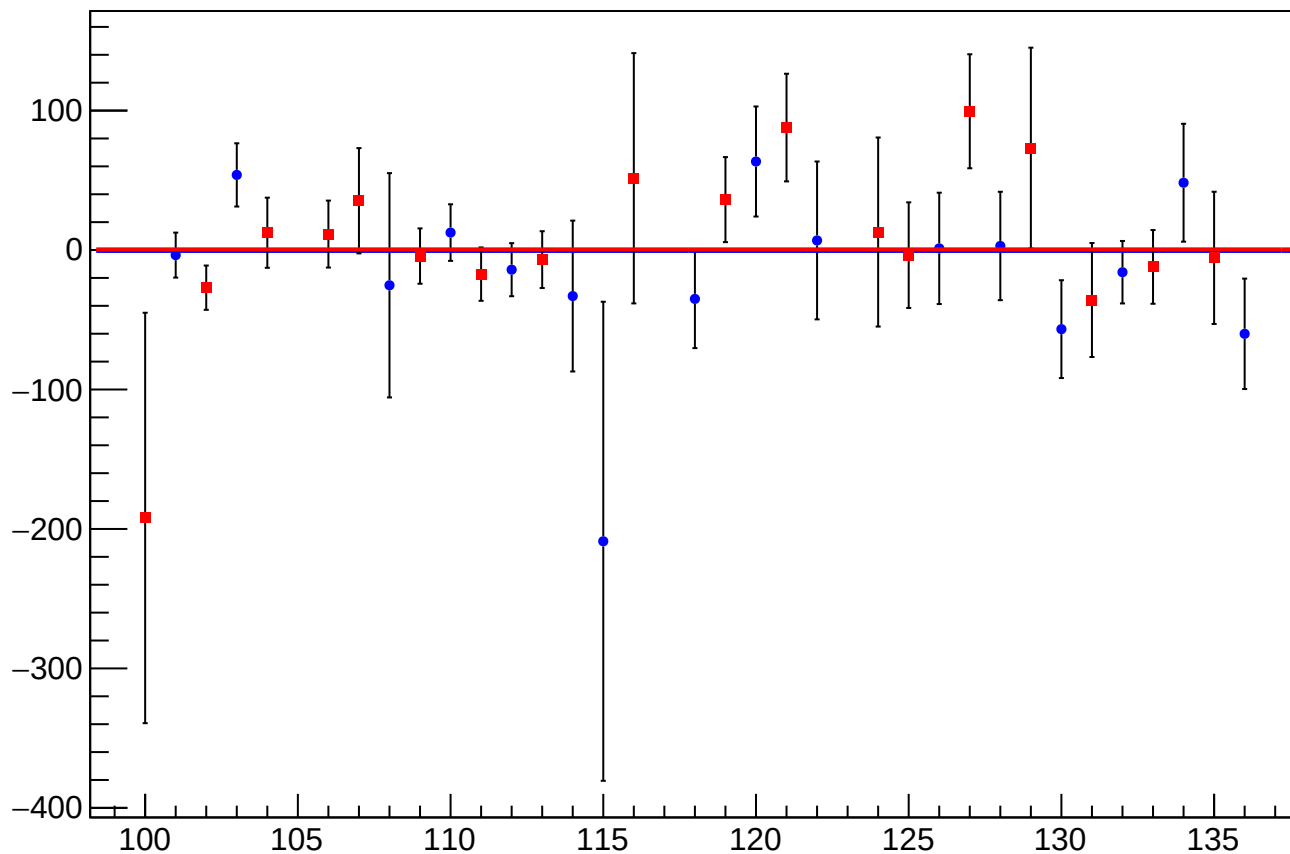
Right: 182.536+/-0.036 χ^2/NDF : 2753663.8/33

In: 194.923+/-0.054 χ^2/NDF :1028901.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.536+/-0.036 χ^2/NDF : 2753663.8/33

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: 0.491 ± 6.779 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

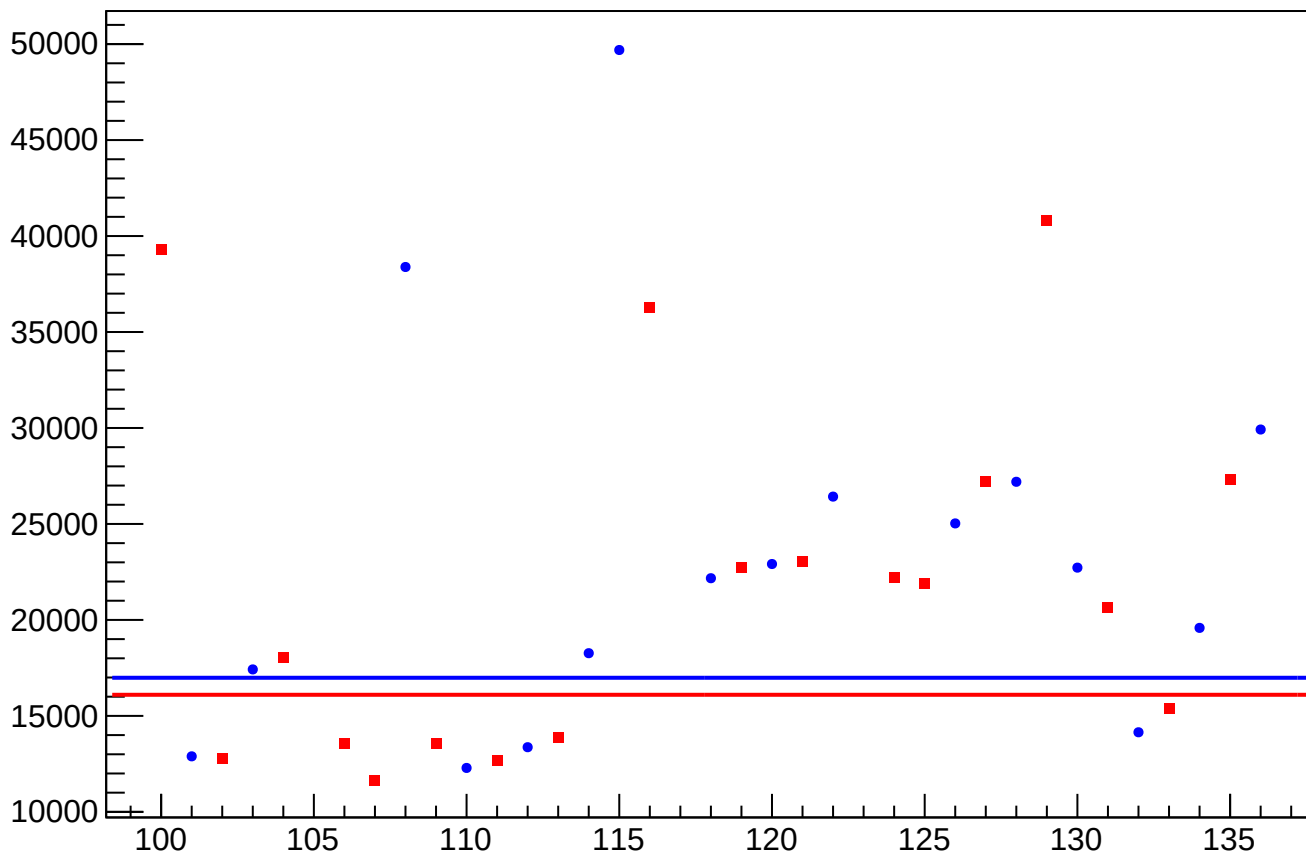
Right: -0.022 ± 4.980 χ^2/NDF : 40.7/33

In: -0.624 ± 7.340 χ^2/NDF : 18.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.022 ± 4.980 χ^2/NDF : 40.7/33

asym_bcm_an_diff_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 16507.902+/-3.521 χ^2/NDF : 2377901.4/33

In: 16986.402+/-5.190 χ^2/NDF : 1194096.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16507.902+/-3.521 χ^2/NDF : 2377901.4/33

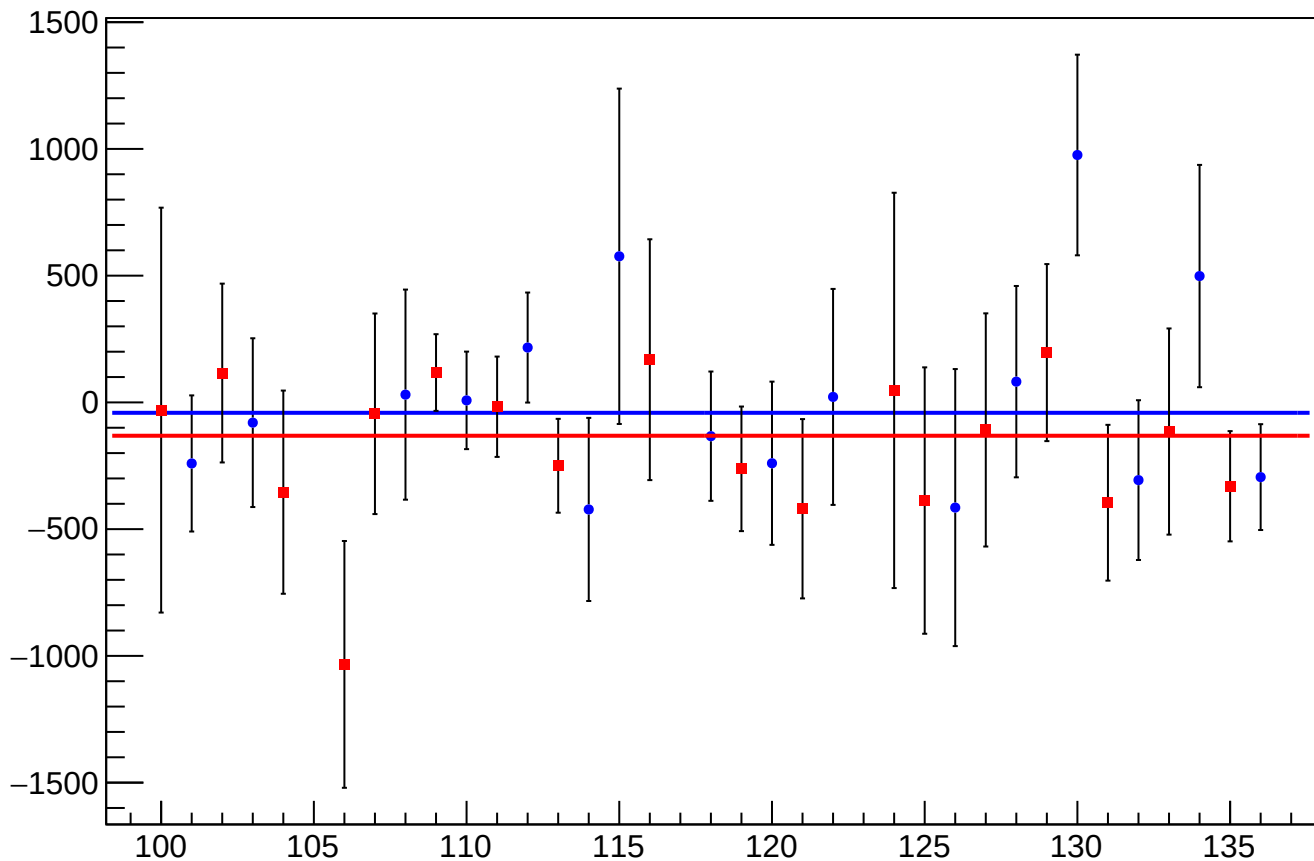
Right In: 16986.402+/-5.190 χ^2/NDF : 1194096.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16099.787+/-4.793 χ^2/NDF : 1168057.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -131.548 ± 69.035 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

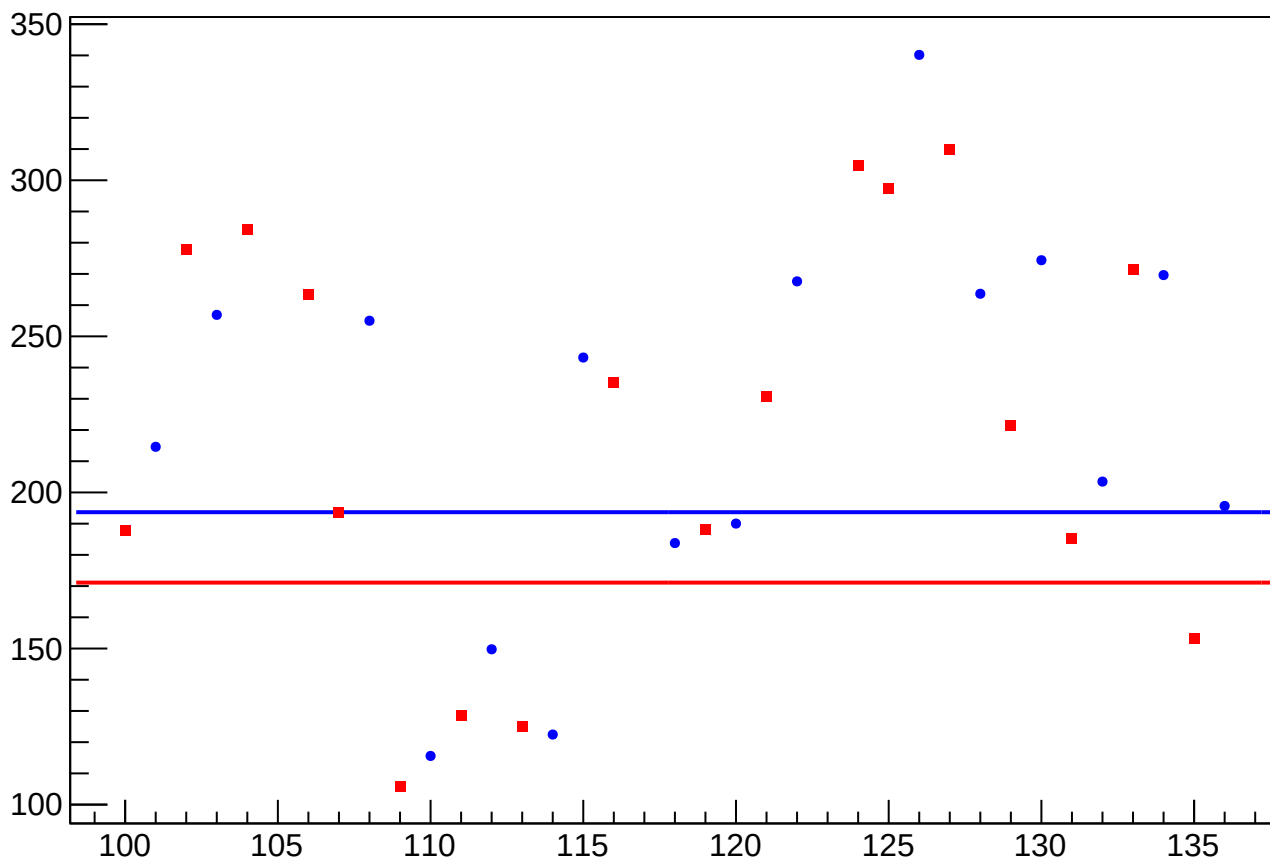
Right: -90.726 ± 51.148 χ^2/NDF : 28.1/33

In: -41.048 ± 76.156 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -90.726 ± 51.148 χ^2/NDF : 28.1/33

asym_bcm_an_ds_rms vs Slug, Sign Corrected



Right In: 193.670+/-0.054 χ^2/NDF : 1049772.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.121+/-0.049 χ^2/NDF : 1650981.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

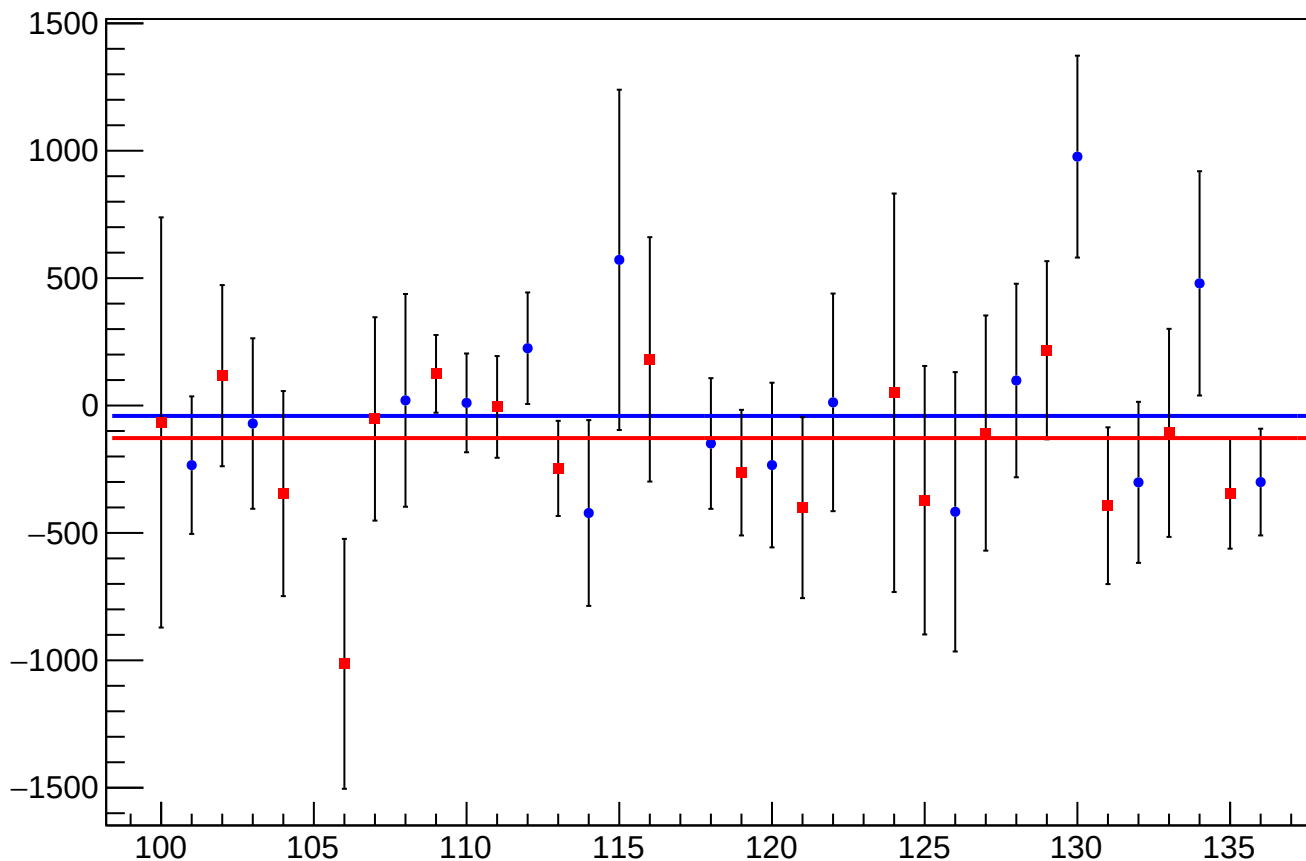
Right: 181.292+/-0.036 χ^2/NDF : 2797002.1/33

In: 193.670+/-0.054 χ^2/NDF : 1049772.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.292+/-0.036 χ^2/NDF : 2797002.1/33

asym_bcm_an_ds3_mean vs Slug, Sign Corrected



Right In: -40.798 ± 76.579 $\chi^2/\text{NDF}: 15.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -127.734 ± 69.425 $\chi^2/\text{NDF}: 11.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

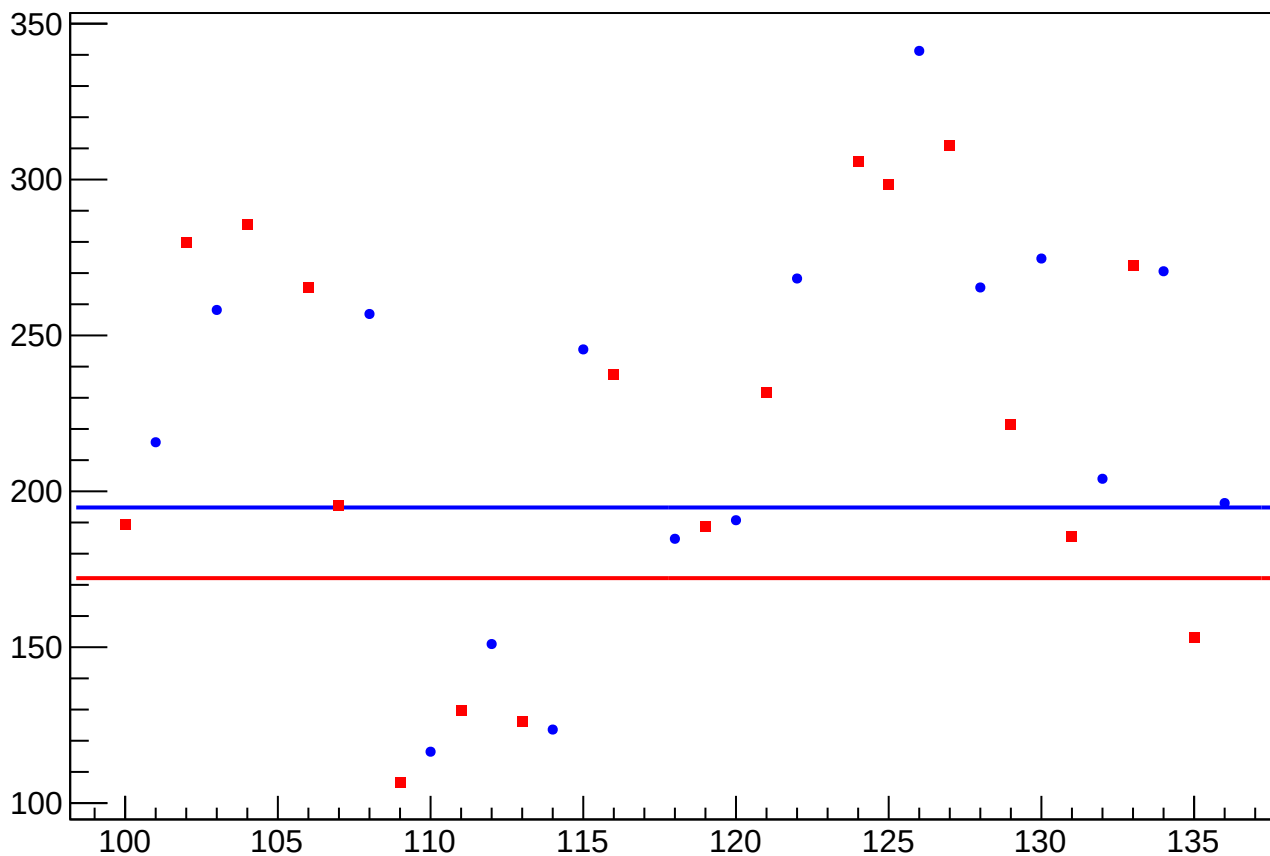
Right: -88.515 ± 51.434 $\chi^2/\text{NDF}: 28.0/33$

In: -40.798 ± 76.579 $\chi^2/\text{NDF}: 15.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -88.515 ± 51.434 $\chi^2/\text{NDF}: 28.0/33$

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: 172.155+/-0.049 χ^2/NDF : 1640198.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

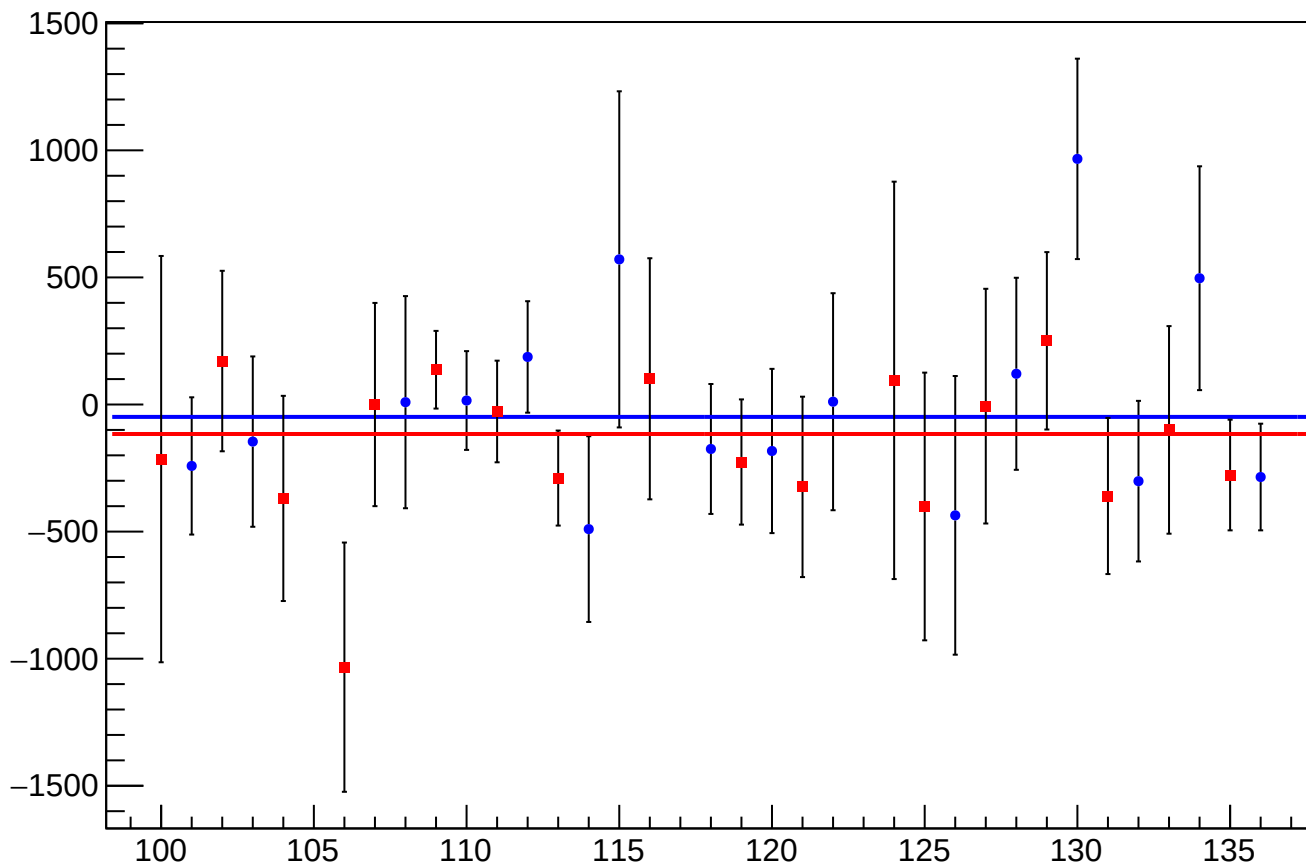
Right: 182.379+/-0.036 χ^2/NDF : 2775454.0/33

In: 194.819+/-0.054 χ^2/NDF : 1039096.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.379+/-0.036 χ^2/NDF : 2775454.0/33

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: -116.015 ± 69.468 $\chi^2/\text{NDF}: 11.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

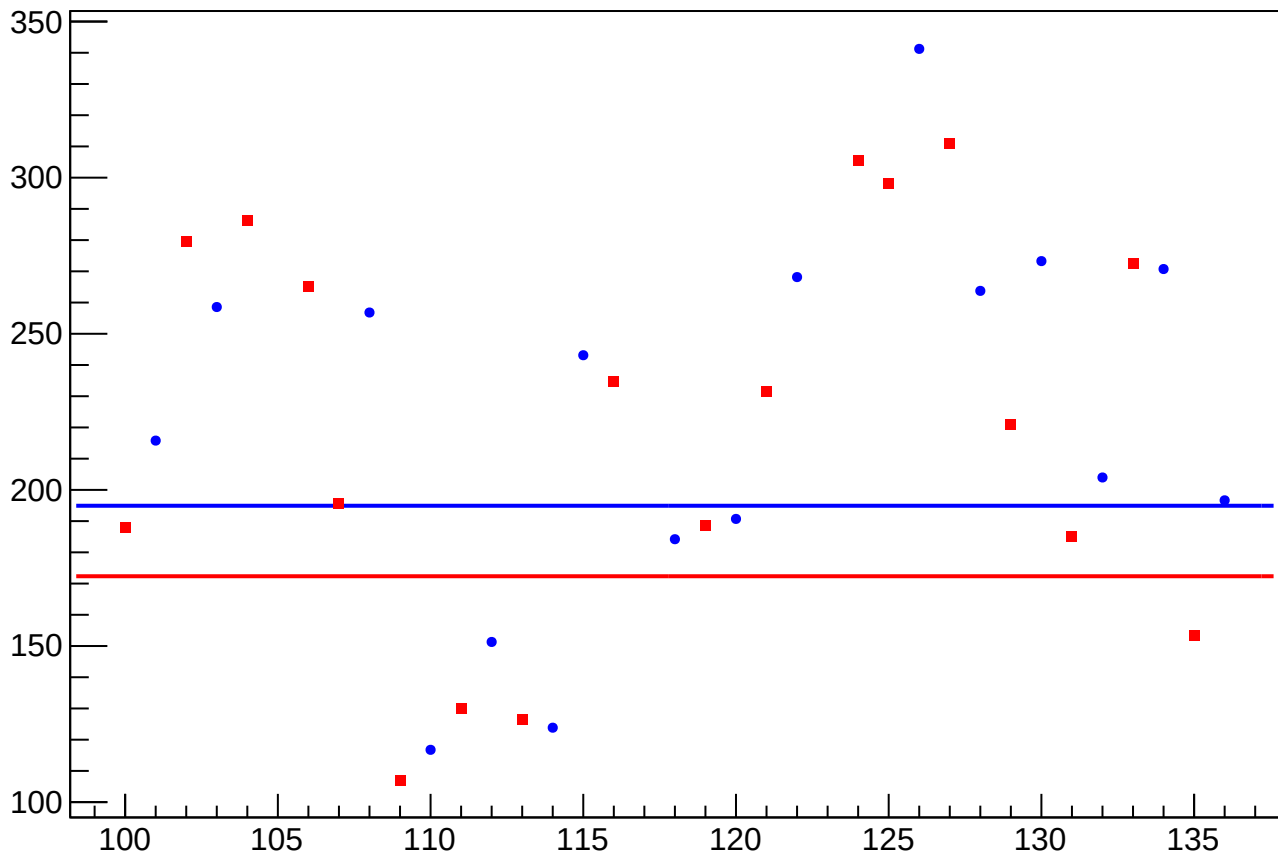
Right: -85.655 ± 51.456 $\chi^2/\text{NDF}: 27.8/33$

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: -85.655 ± 51.456 $\chi^2/\text{NDF}: 27.8/33$

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: 172.346+/-0.049 χ^2/NDF : 1629420.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

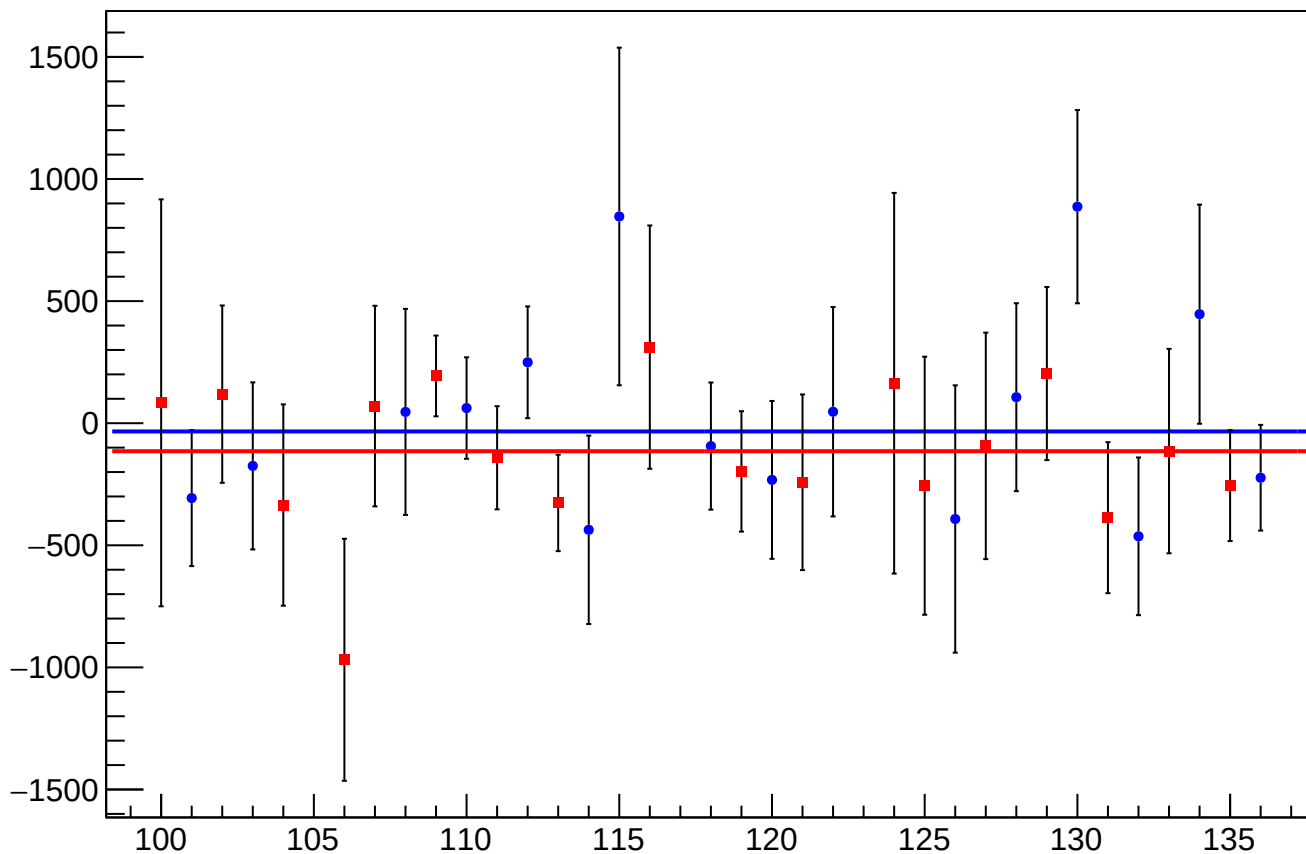
Right: 182.536+/-0.036 χ^2/NDF : 2753663.8/33

In: 194.923+/-0.054 χ^2/NDF : 1028901.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.536+/-0.036 χ^2/NDF : 2753663.8/33

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: -114.662 ± 72.322 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

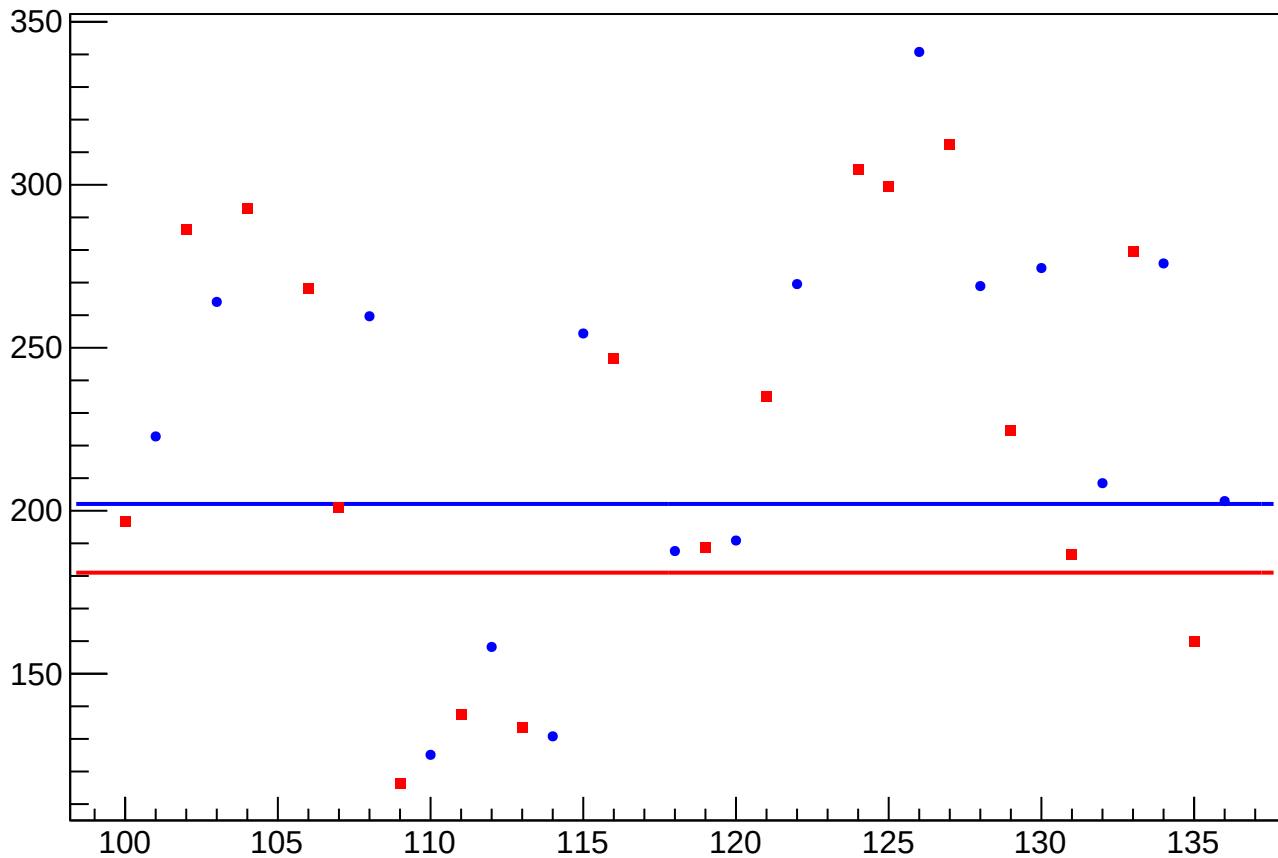
Right: -77.759 ± 53.343 χ^2/NDF : 28.0/33

In: -33.731 ± 78.996 χ^2/NDF : 15.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -77.759 ± 53.343 χ^2/NDF : 28.0/33

asym_bcm_dg_us_rms vs Slug, Sign Corrected



Right In: 202.090 $\pm$ 0.056 χ^2 /NDF: 910259.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 181.009 $\pm$ 0.051 χ^2 /NDF: 1439726.0/17

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

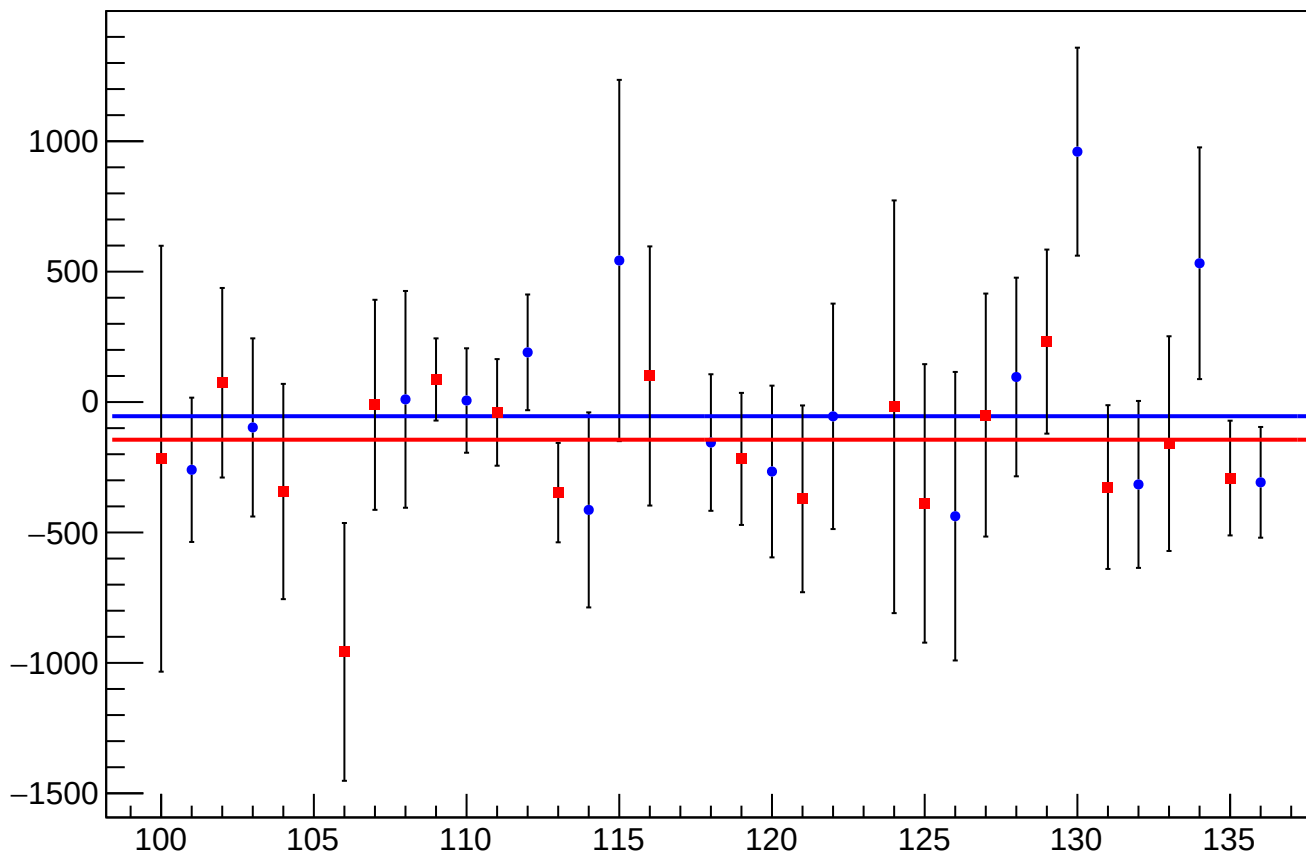
Right: 190.622 $\pm$ 0.038 χ^2 /NDF: 2427470.8/33

In: 202.090 $\pm$ 0.056 χ^2 /NDF:910259.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 190.622 $\pm$ 0.038 χ^2 /NDF: 2427470.8/33

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: -144.345+/-70.903 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

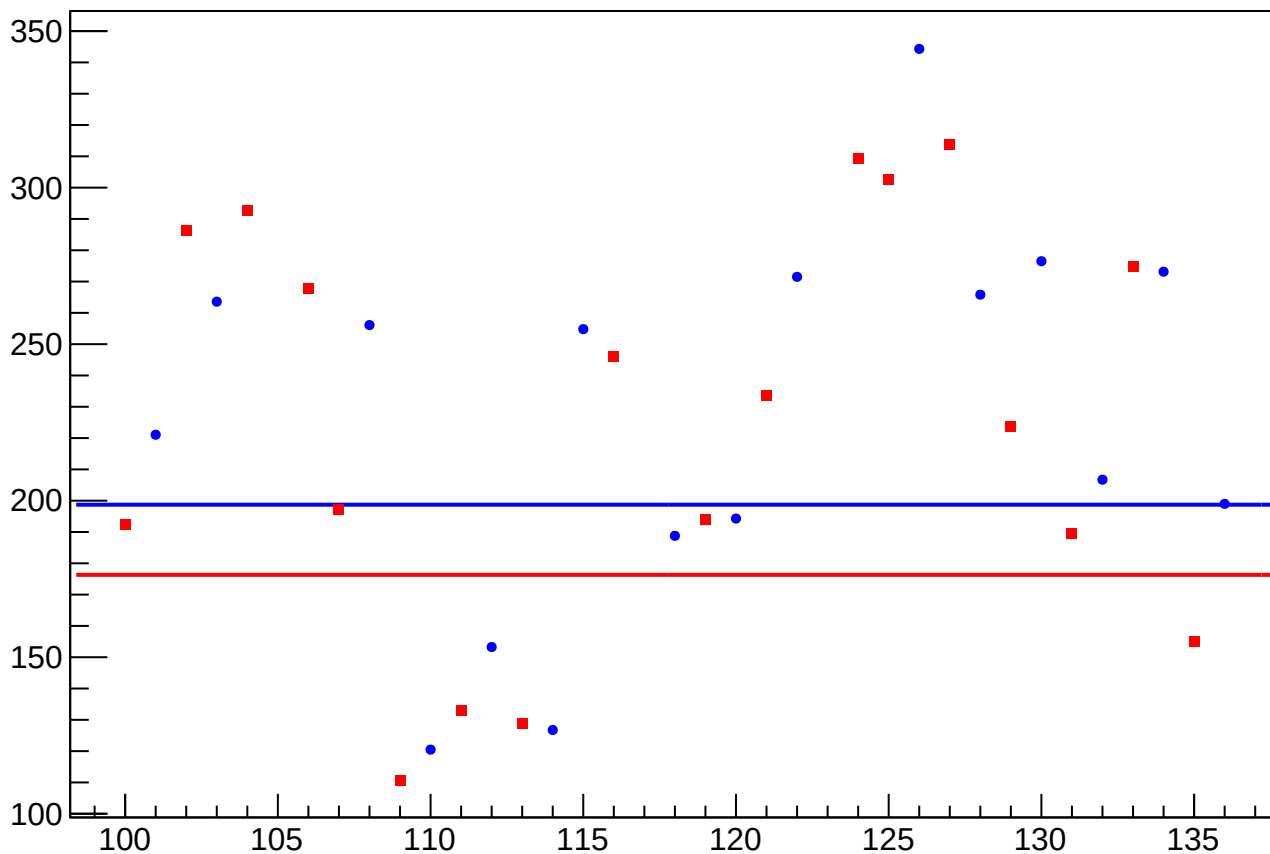
Right: -103.553+/-52.450 χ^2/NDF : 25.7/33

In: -54.254+/-77.946 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -103.553+/-52.450 χ^2/NDF : 25.7/33

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: 176.312+/-0.050 χ^2/NDF : 1594349.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

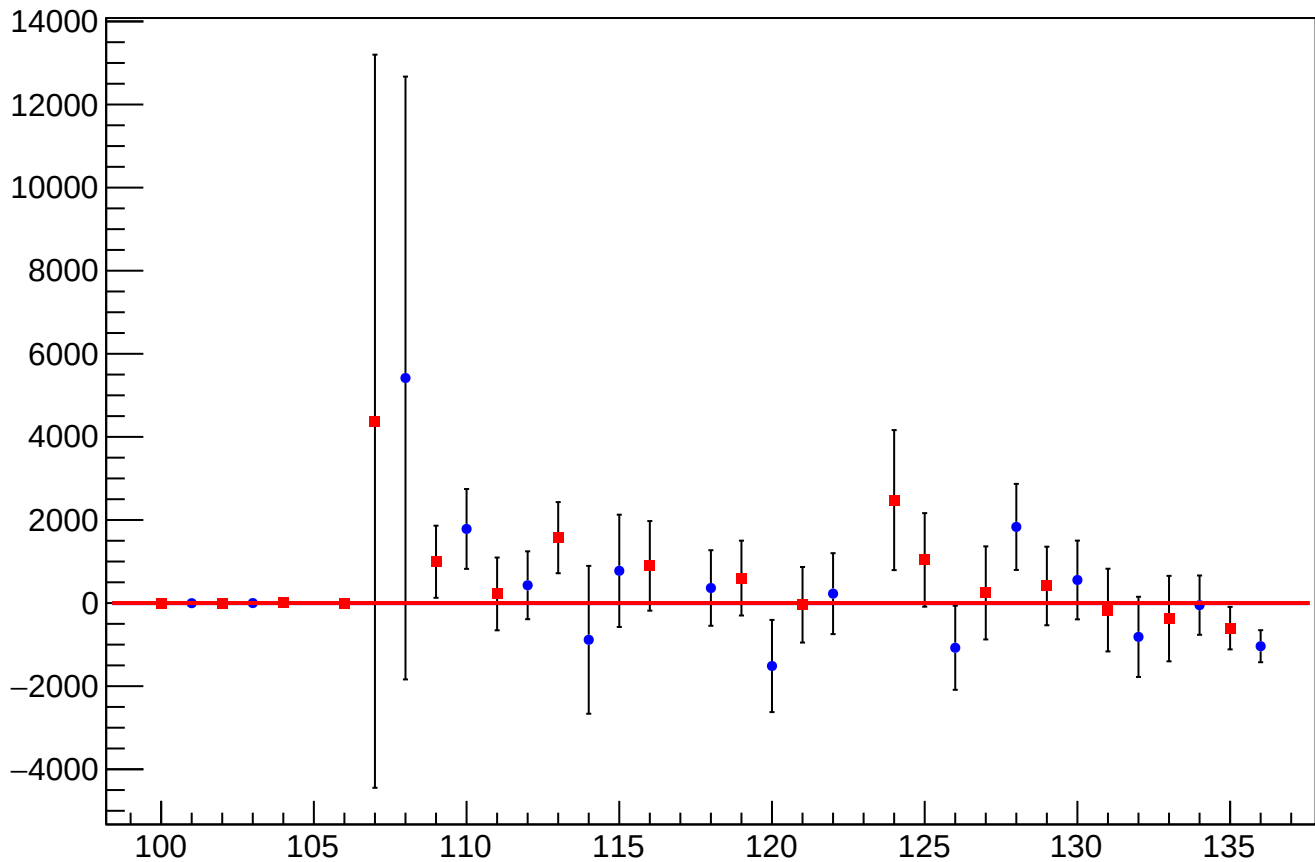
Right: 186.457+/-0.037 χ^2/NDF : 2678856.8/33

In: 198.718+/-0.055 χ^2/NDF :994068.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 186.457+/-0.037 χ^2/NDF : 2678856.8/33

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: 1.382+/-2.022 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

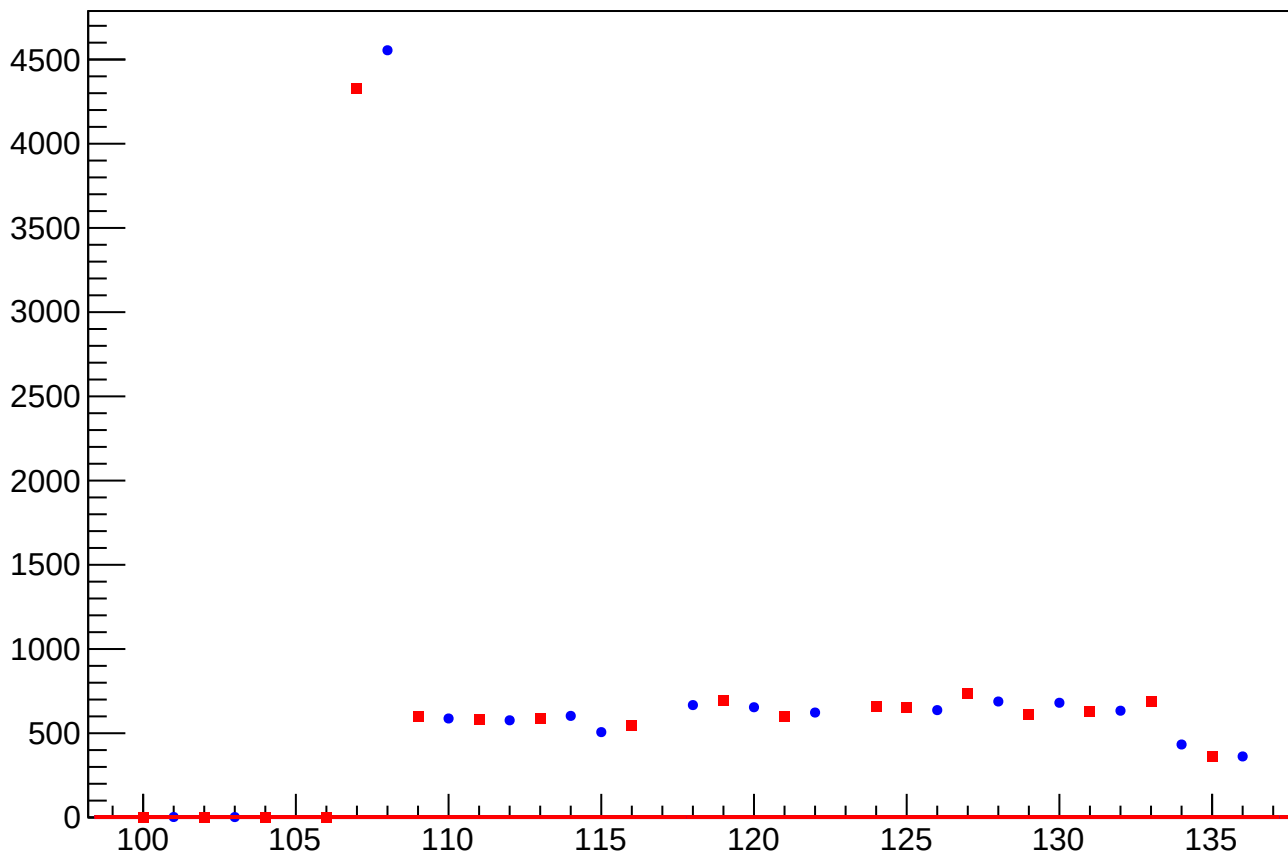
Right: 0.164+/-1.480 χ^2/NDF : 36.8/33

In: -1.239+/-2.171 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.164+/-1.480 χ^2/NDF : 36.8/33

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: 2.460+/-0.001 χ^2/NDF : 11148074.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

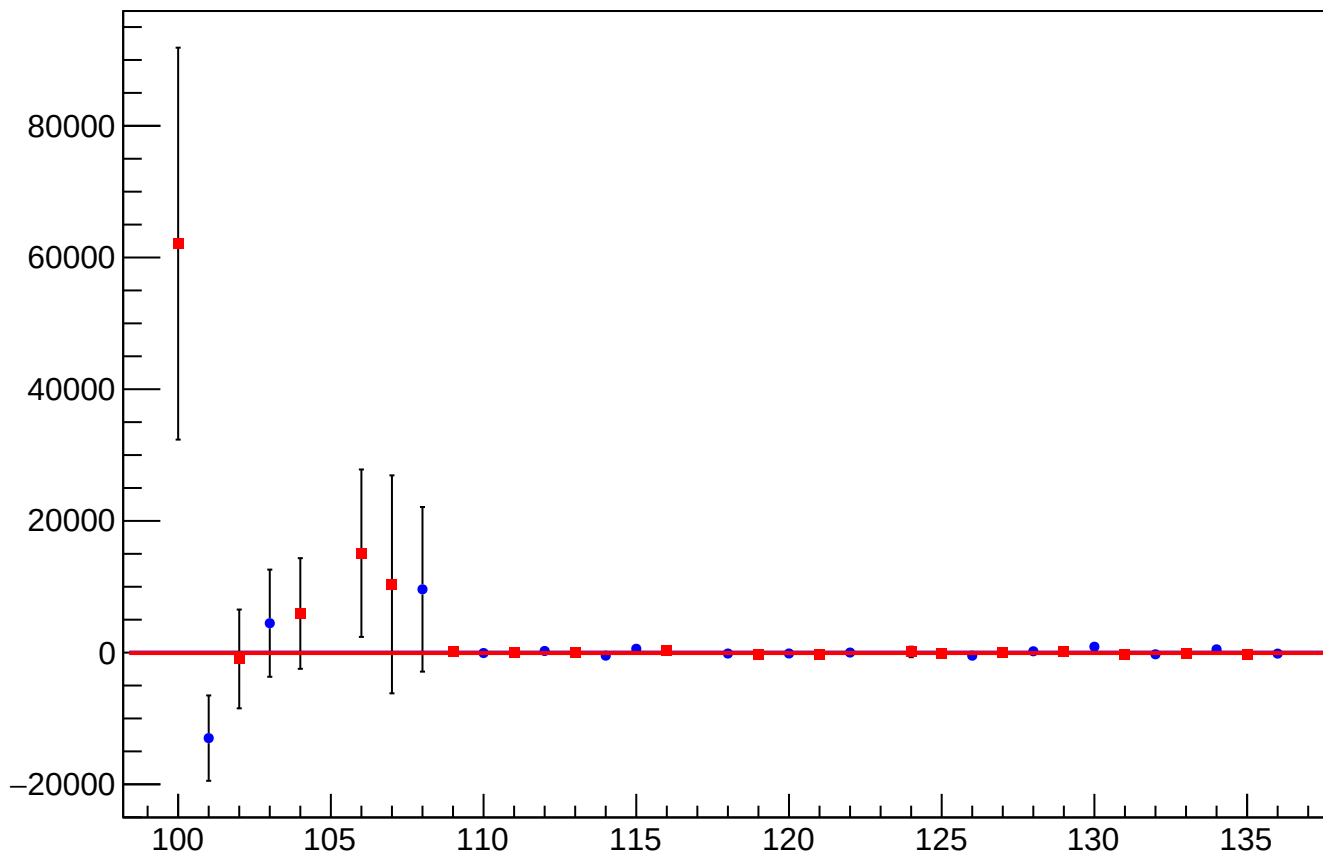
Right: 2.468+/-0.001 χ^2/NDF : 22774332.0/33

In: 2.477+/-0.002 χ^2/NDF : 11626192.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.468+/-0.001 χ^2/NDF : 22774332.0/33

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: -68.075+/-83.049 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

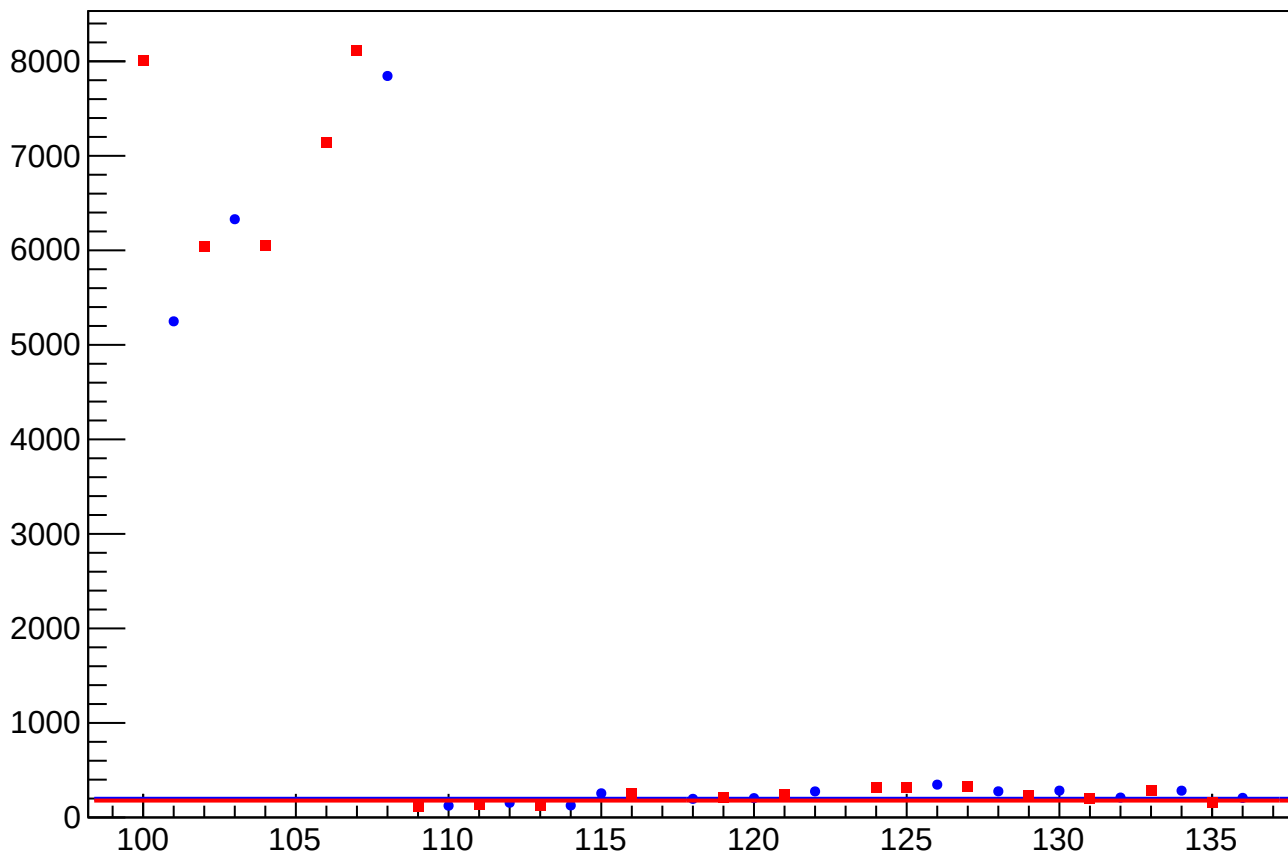
Right: -35.666+/-60.341 χ^2 /NDF: 30.4/33

In: 0.575+/-87.823 χ^2 /NDF:16.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -35.666+/-60.341 χ^2 /NDF: 30.4/33

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: 178.615+/-0.059 χ^2/NDF : 4415027.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

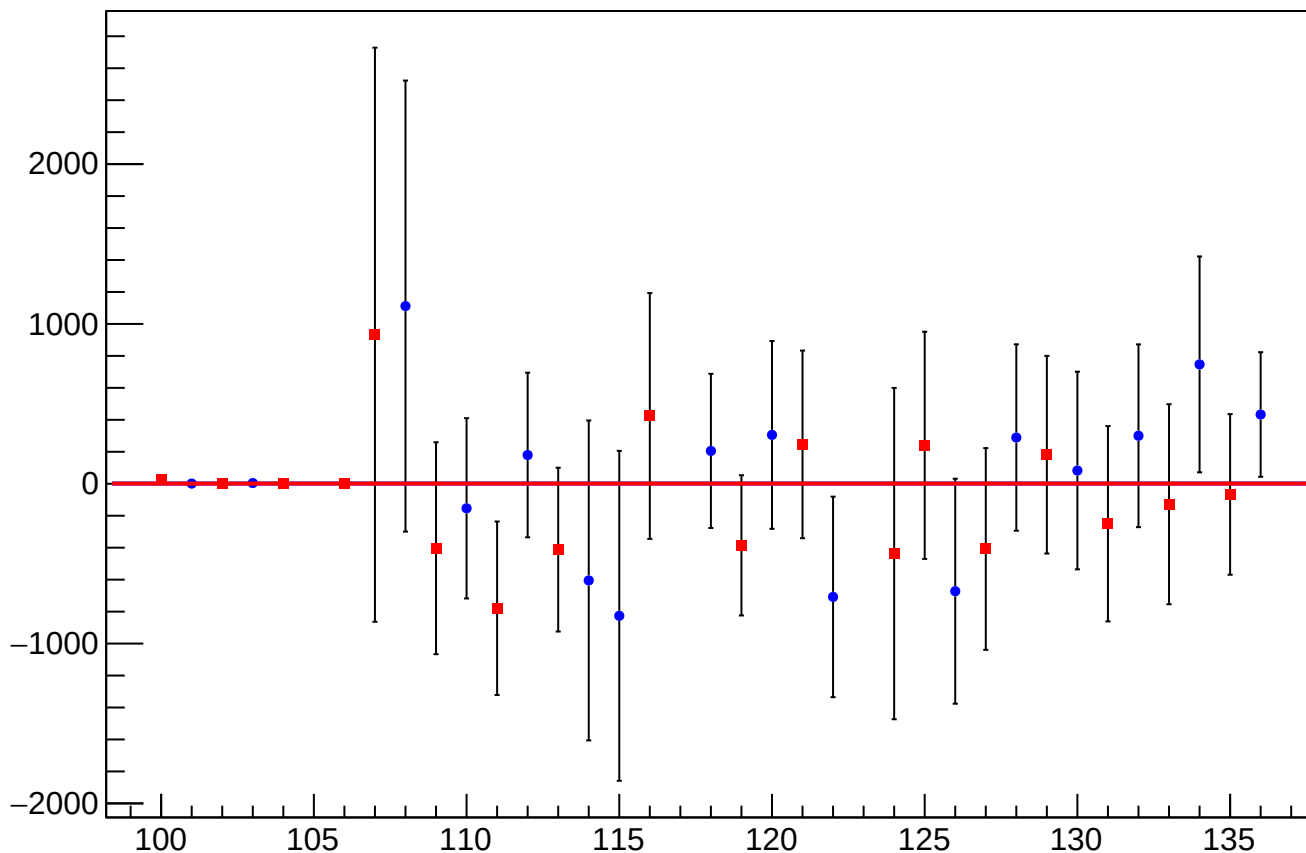
Right: 187.587+/-0.043 χ^2/NDF : 8421665.6/33

In: 197.620+/-0.062 χ^2/NDF : 3957192.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 187.587+/-0.043 χ^2/NDF : 8421665.6/33

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: 1.096 $\pm$ 1.528 χ^2 /NDF: 8.1/17

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

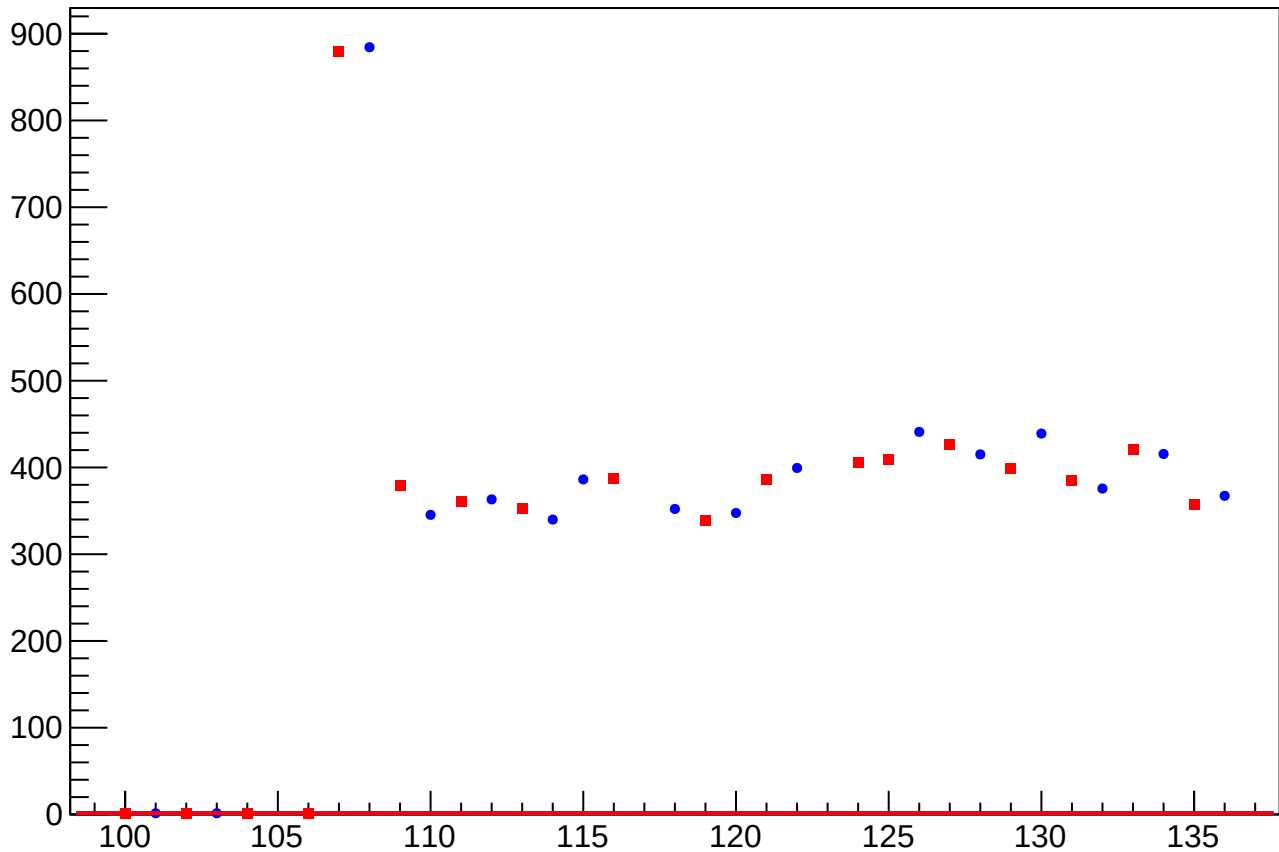
Right: 1.261 $\pm$ 1.124 χ^2 /NDF: 16.0/33

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: 1.261 $\pm$ 1.124 χ^2 /NDF: 16.0/33

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: 1.466+/-0.001 χ^2/NDF : 10869049.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

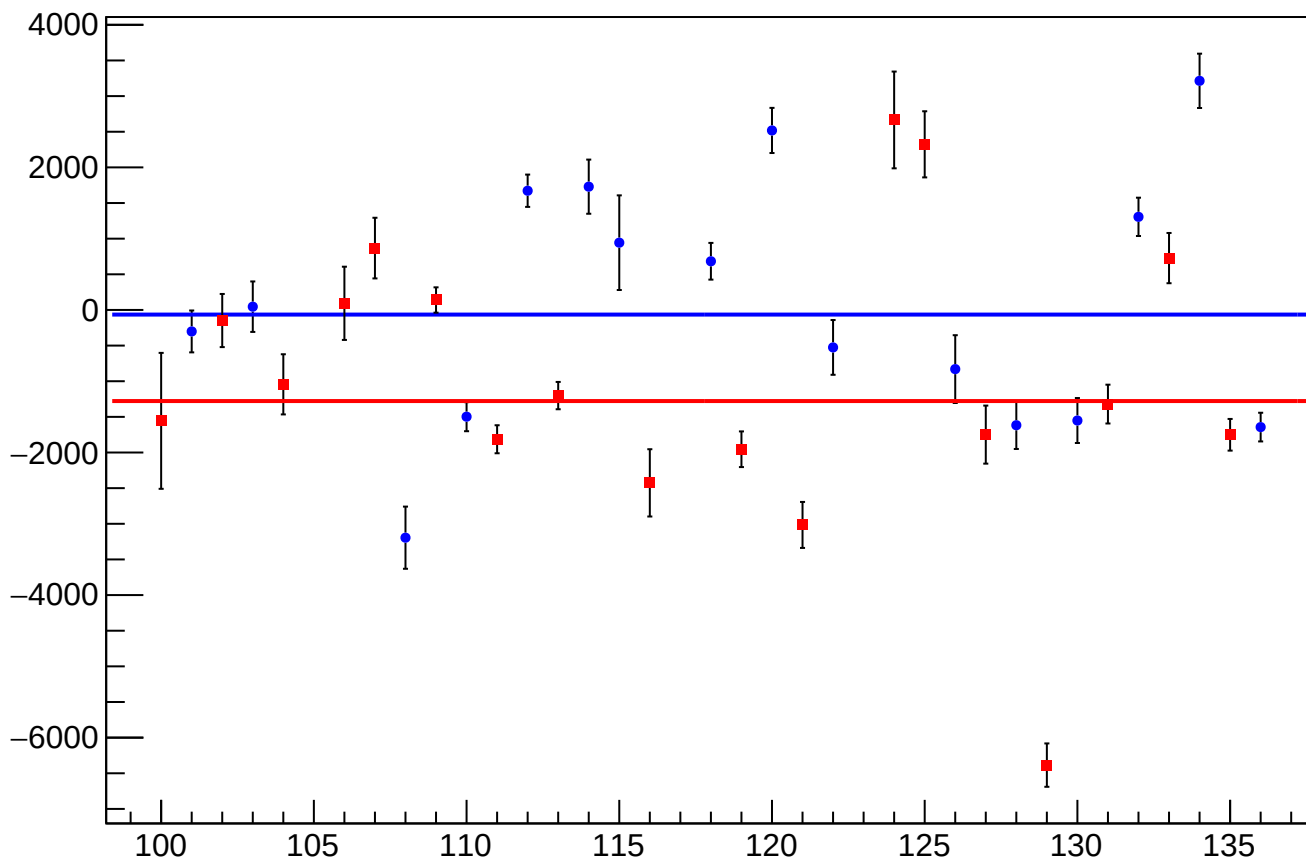
Right: 1.468+/-0.001 χ^2/NDF : 22604391.2/33

In: 1.470+/-0.001 χ^2/NDF : 11735334.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.468+/-0.001 χ^2/NDF : 22604391.2/33

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: -1278.086+/-70.080 χ^2/NDF : 569.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

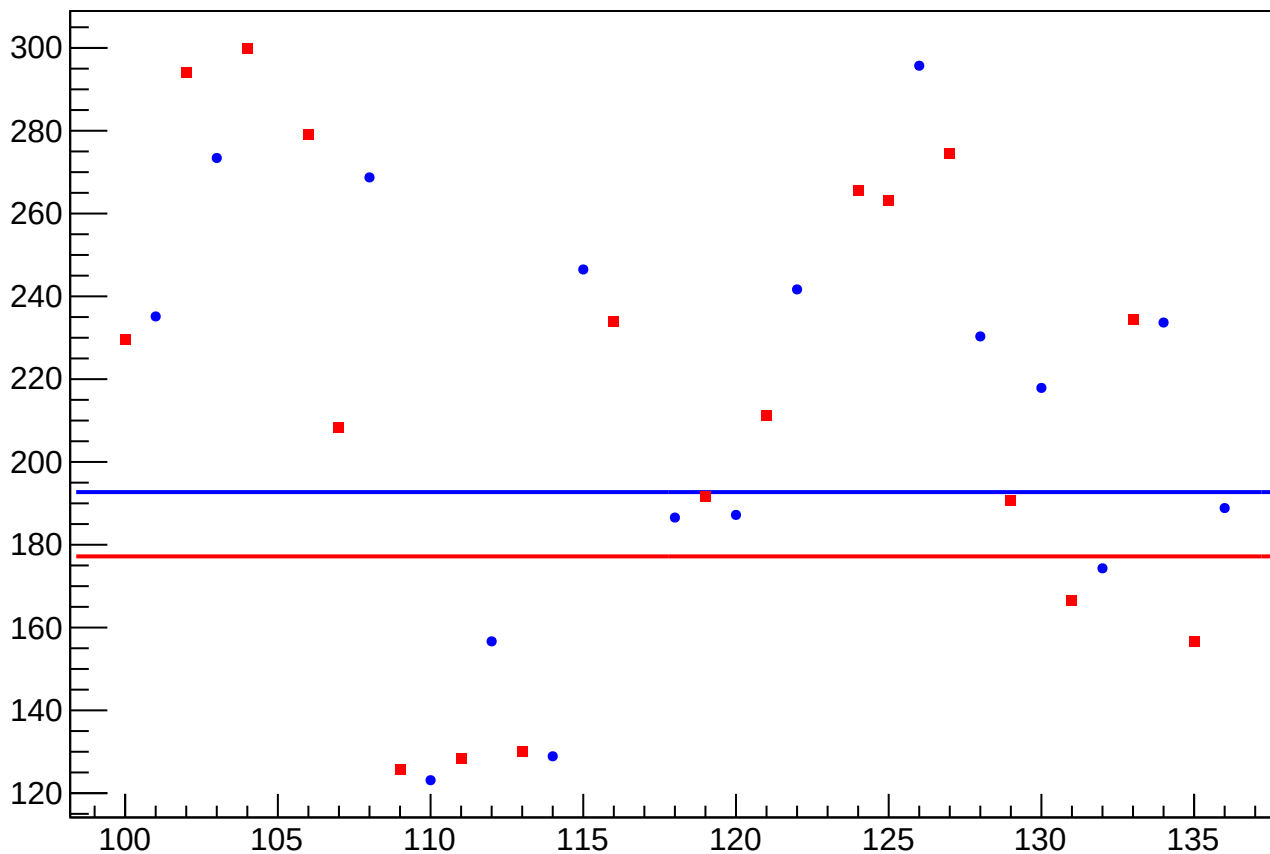
Right: -711.788+/-51.172 χ^2/NDF : 1179.3/33

In: -64.993+/-74.895 χ^2/NDF :469.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -711.788+/-51.172 χ^2/NDF : 1179.3/33

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: 177.191+/-0.050 χ^2/NDF : 1226130.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

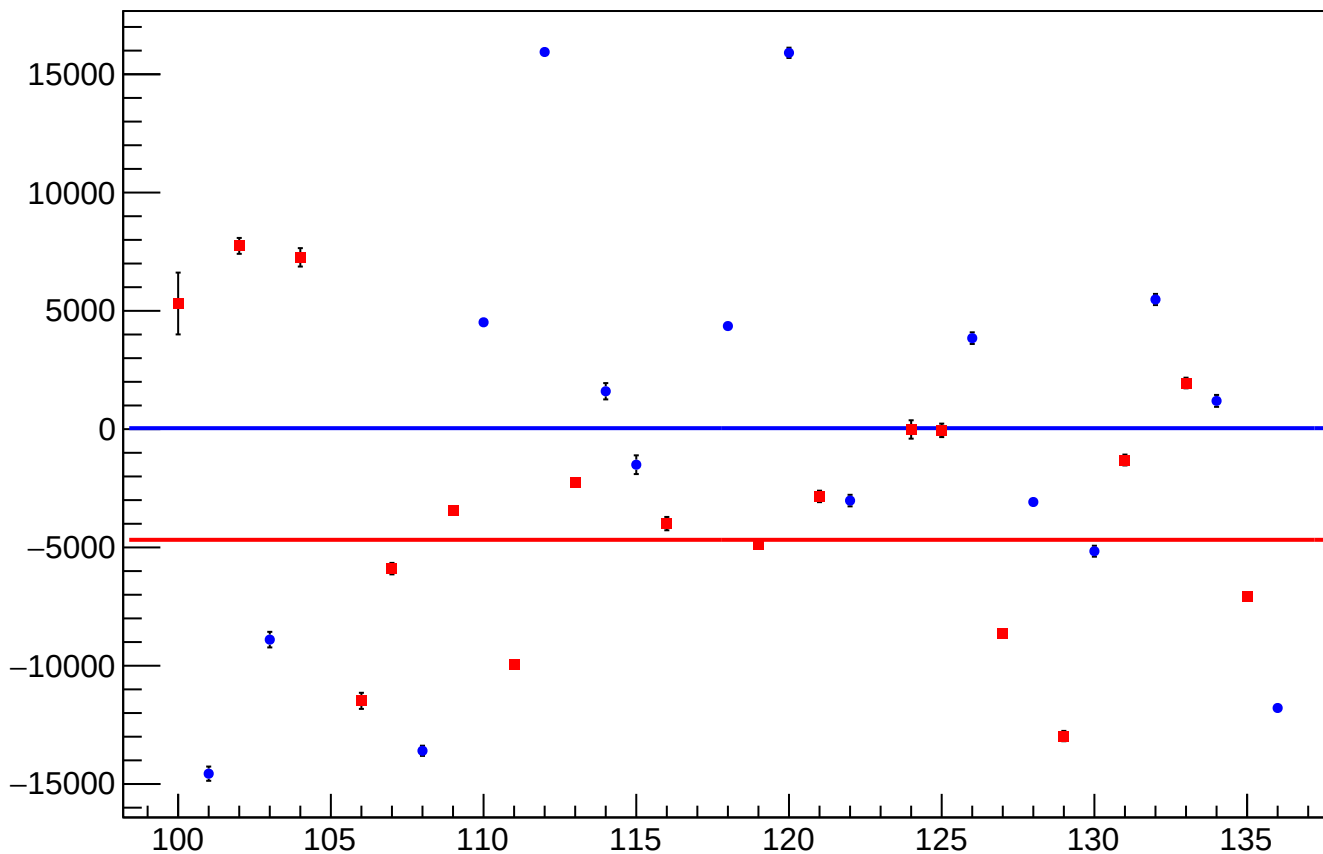
Right: 184.440+/-0.036 χ^2/NDF : 2031116.2/33

In: 192.719+/-0.053 χ^2/NDF : 759146.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.440+/-0.036 χ^2/NDF : 2031116.2/33

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: -4678.174+/-52.721 χ^2/NDF : 7793.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

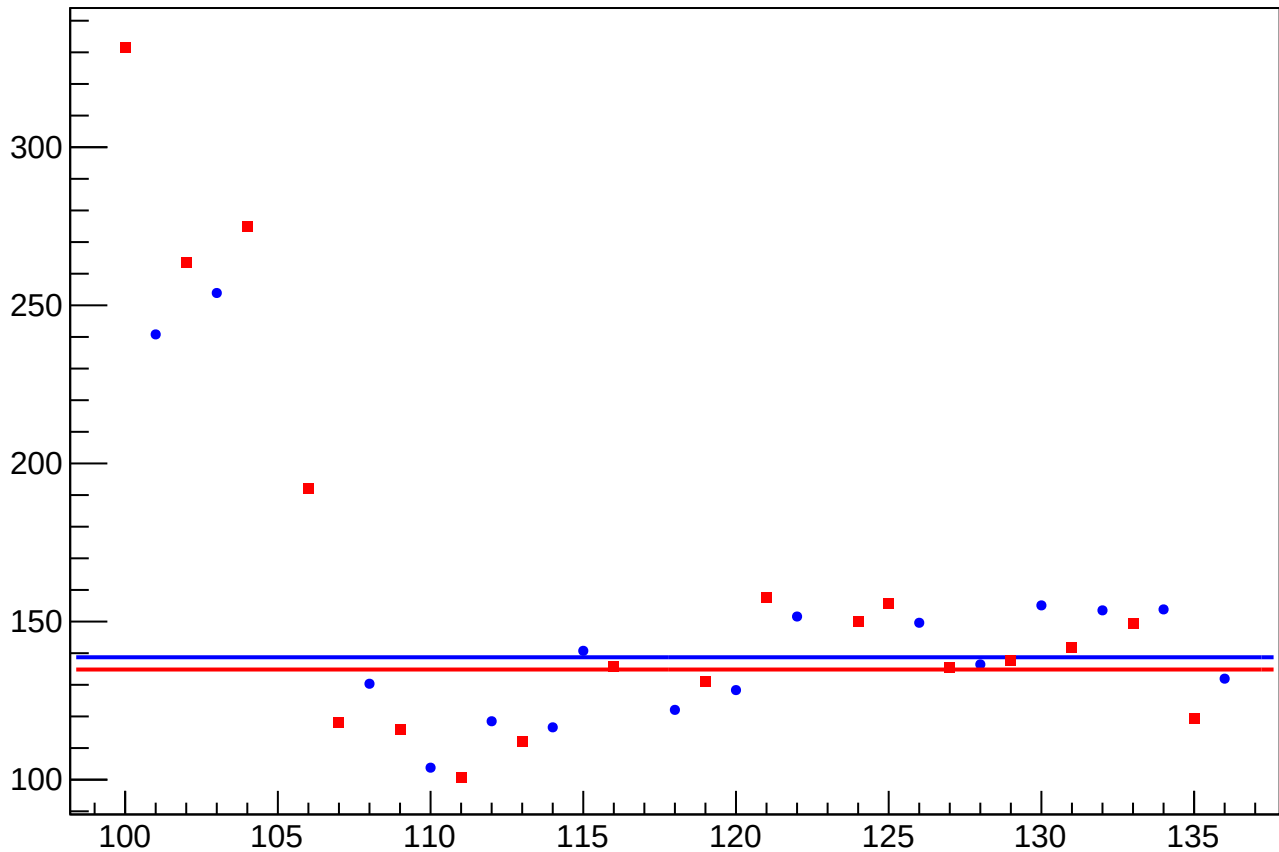
Right: -2383.821+/-37.791 χ^2/NDF : 42475.3/33

In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2383.821+/-37.791 χ^2/NDF : 42475.3/33

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: 134.834 $\pm$ 0.037 χ^2 /NDF: 884884.1/17

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

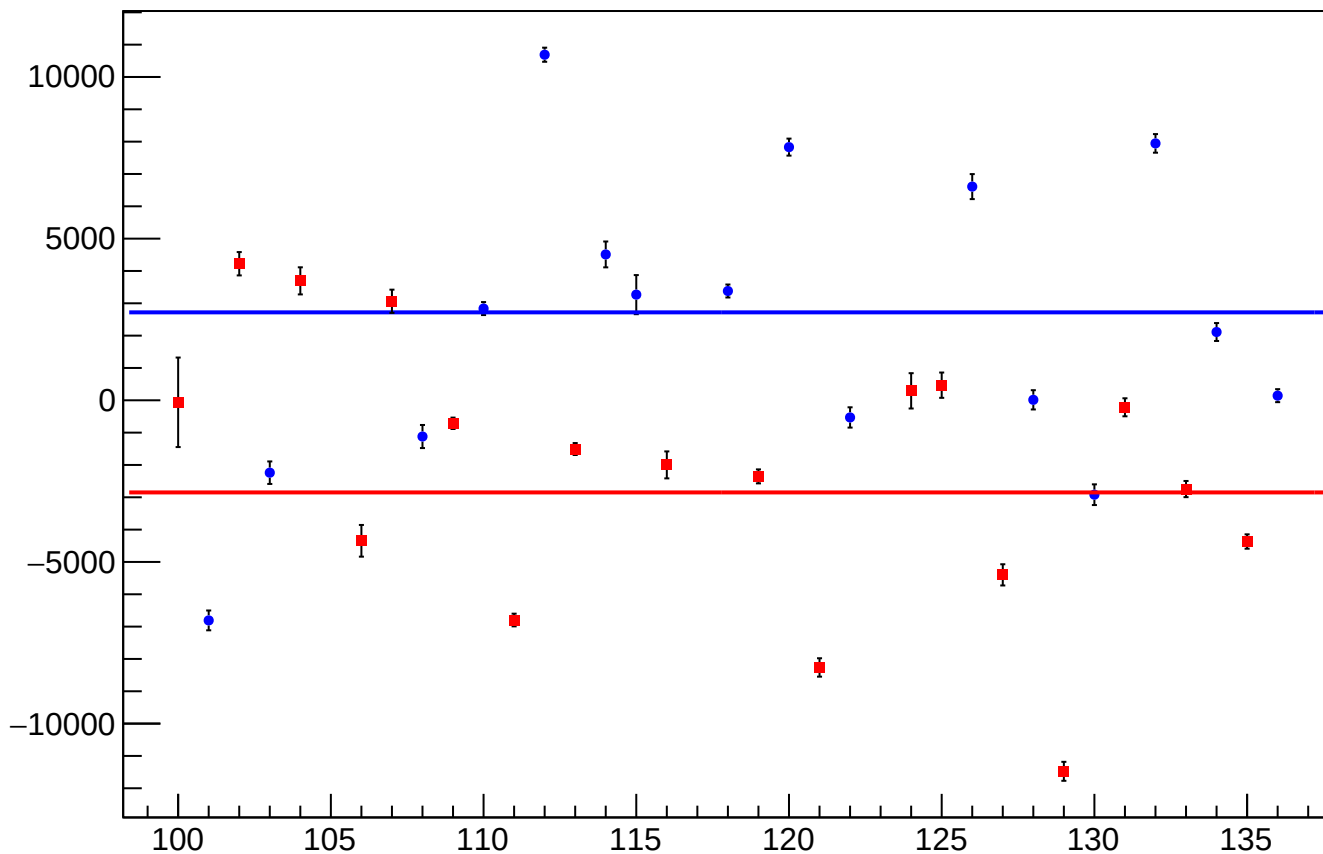
Right: 136.720 $\pm$ 0.027 χ^2 /NDF: 1547935.3/33

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: 136.720 $\pm$ 0.027 χ^2 /NDF: 1547935.3/33

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: -2849.657+/-65.545 χ^2/NDF : 3055.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

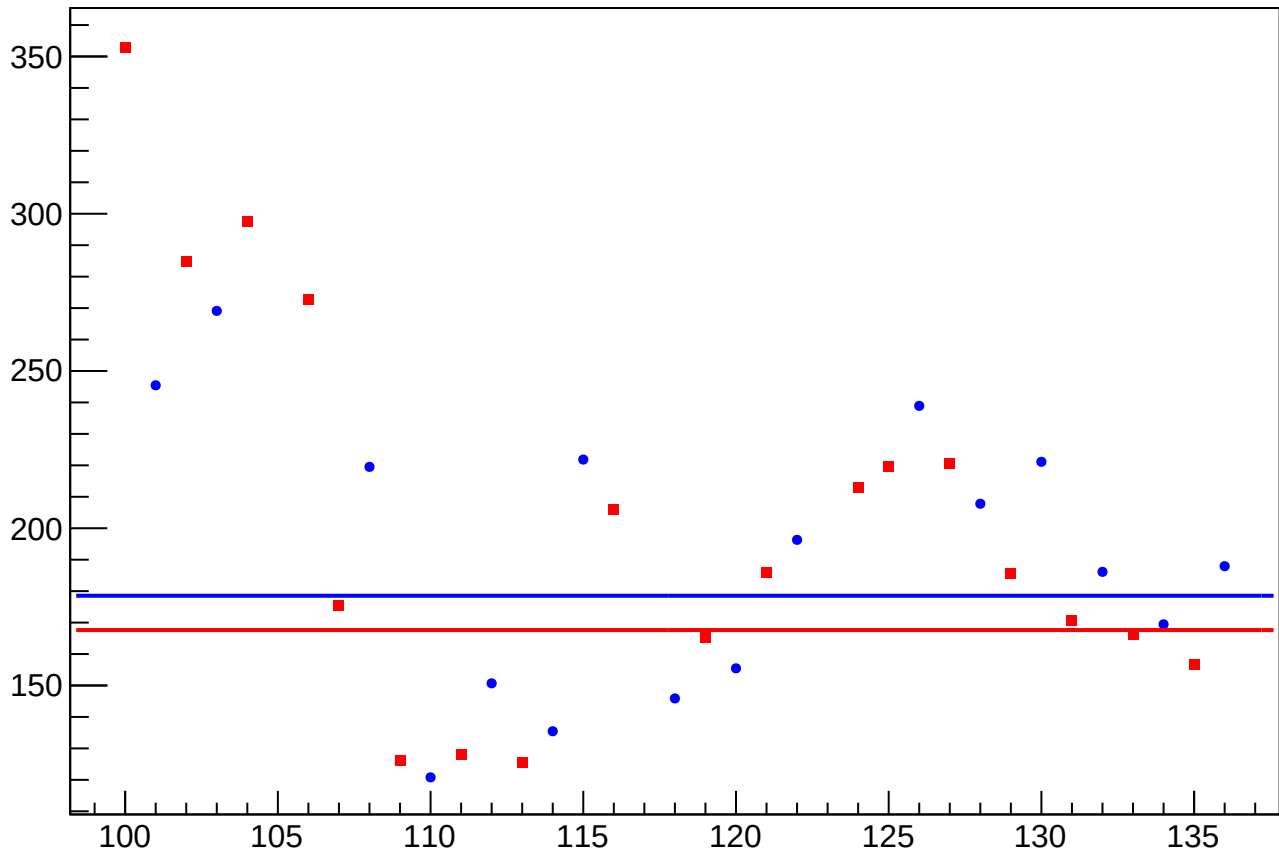
Right: -217.722+/-47.602 χ^2/NDF : 10596.6/33

In: 2719.896+/-69.247 χ^2/NDF :4129.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -217.722+/-47.602 χ^2/NDF : 10596.6/33

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: 167.634 ± 0.046 χ^2/NDF : 968650.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

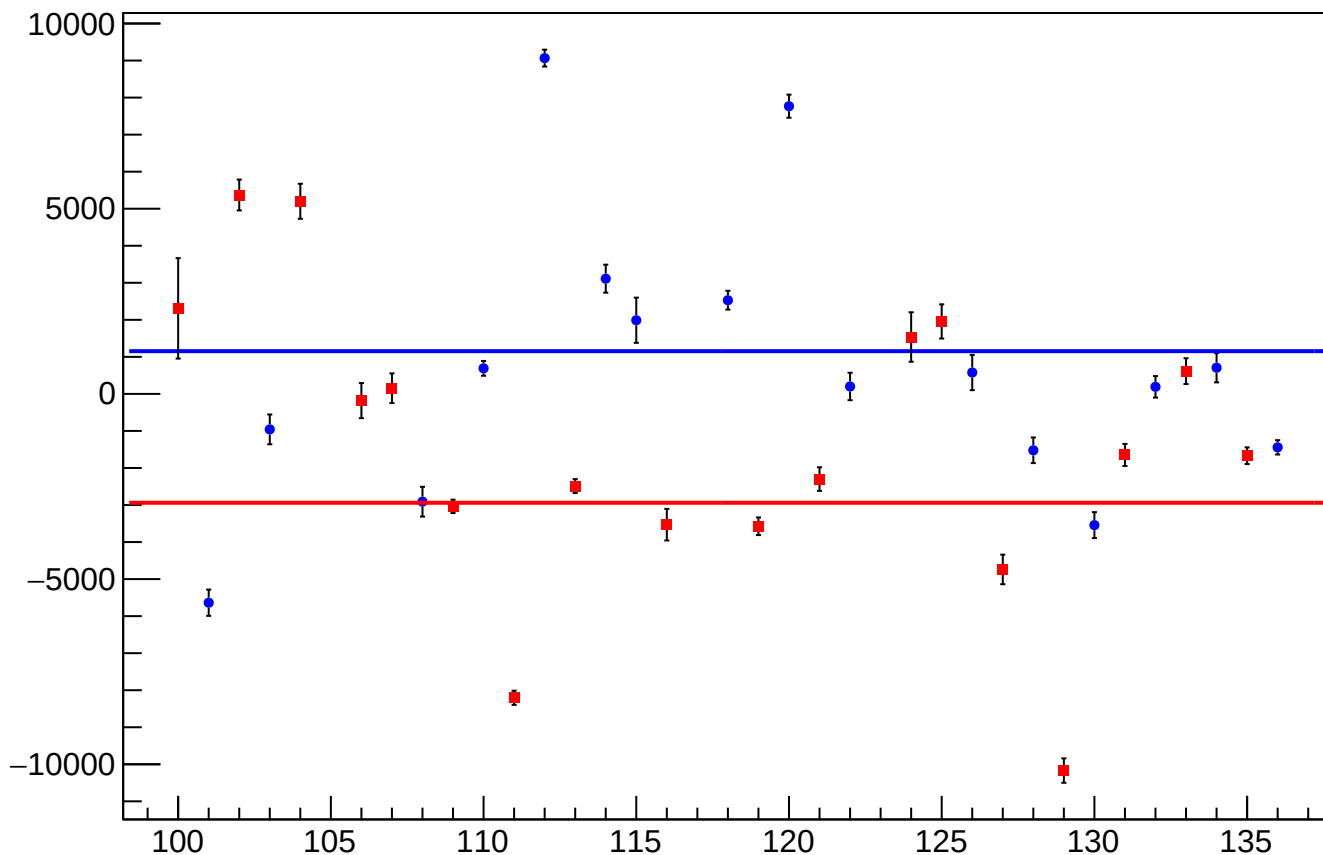
Right: 172.788 ± 0.034 χ^2/NDF : 1669387.3/33

In: 178.541 ± 0.049 χ^2/NDF : 674566.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 172.788 ± 0.034 χ^2/NDF : 1669387.3/33

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: -2939.006+/-70.268 χ^2/NDF : 2395.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

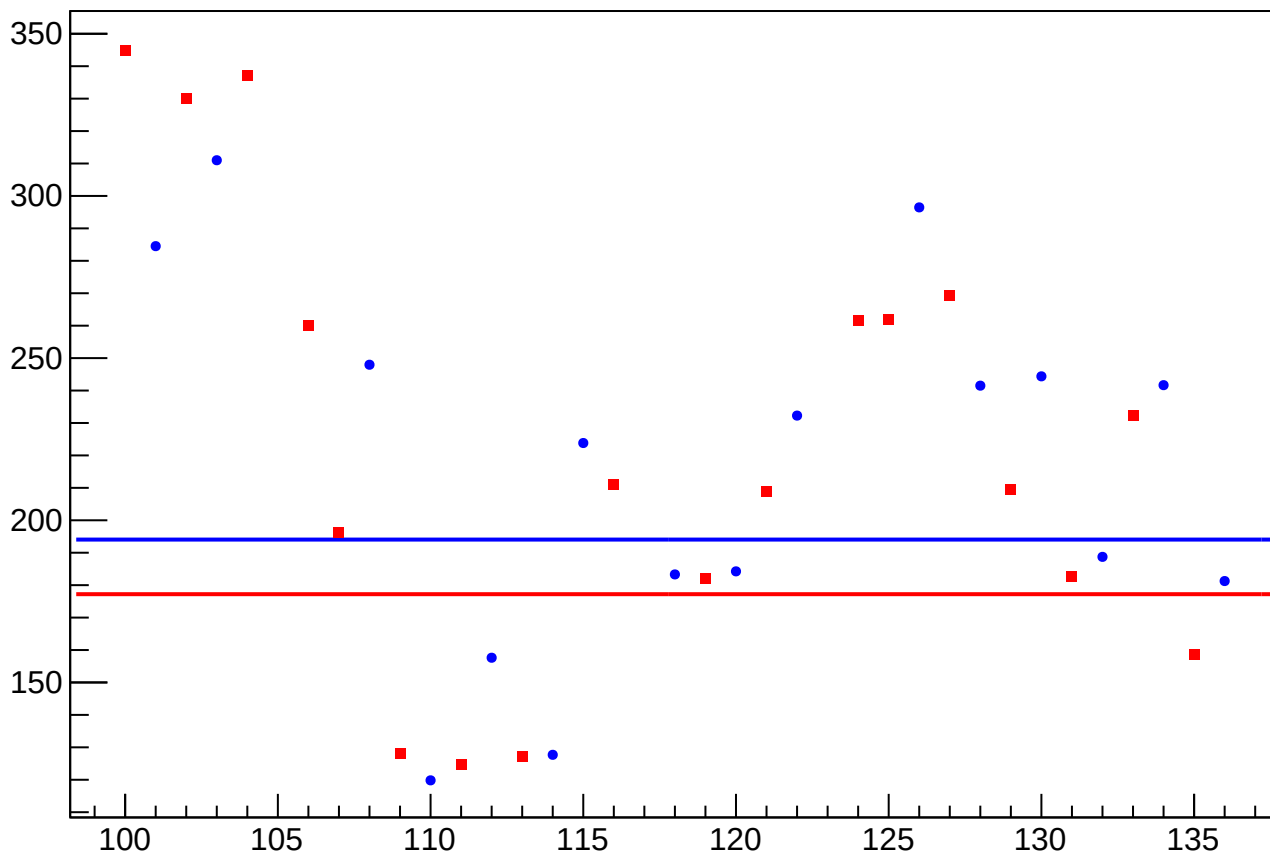
Right: -1051.585+/-51.581 χ^2/NDF : 6615.5/33

In: 1153.823+/-75.957 χ^2/NDF :2655.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1051.585+/-51.581 χ^2/NDF : 6615.5/33

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: 177.217 ± 0.050 χ^2/NDF : 1359214.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

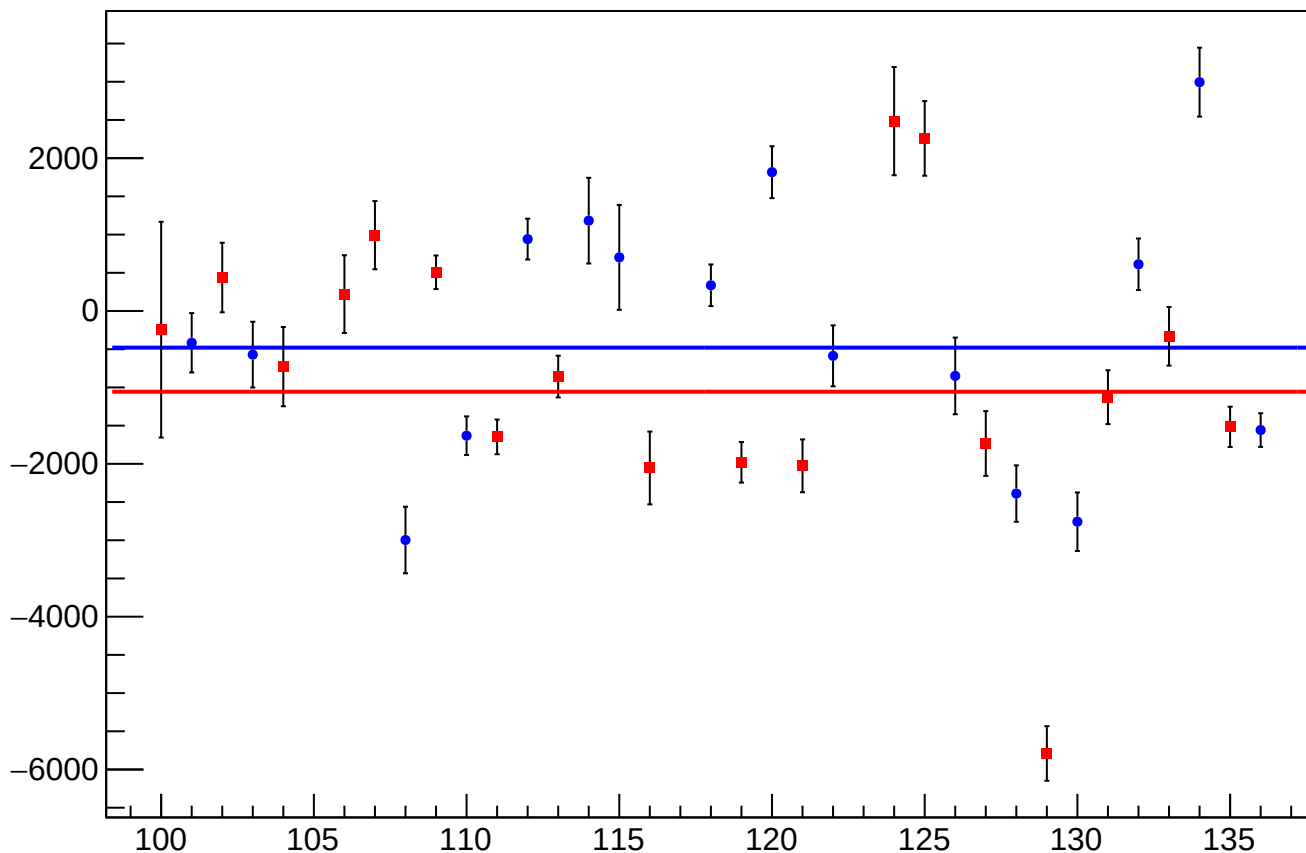
Right: 184.981 ± 0.036 χ^2/NDF : 2377948.8/33

In: 194.053 ± 0.054 χ^2/NDF : 965786.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 184.981 ± 0.036 χ^2/NDF : 2377948.8/33

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: -1056.345+/-82.410 χ^2/NDF : 376.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

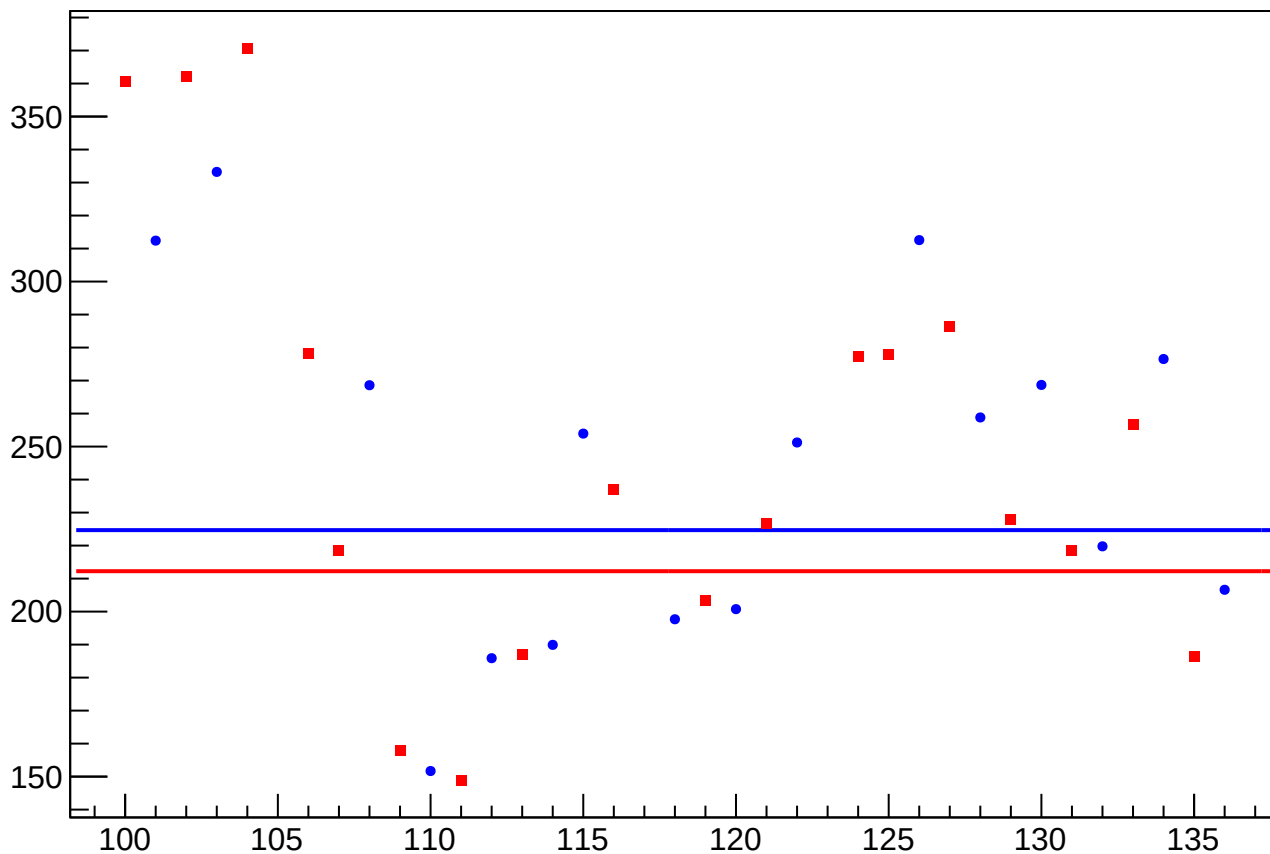
Right: -782.402+/-59.727 χ^2/NDF : 705.3/33

In: -479.302+/-86.685 χ^2/NDF :305.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -782.402+/-59.727 χ^2/NDF : 705.3/33

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: 212.241+/-0.058 χ^2/NDF : 929410.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

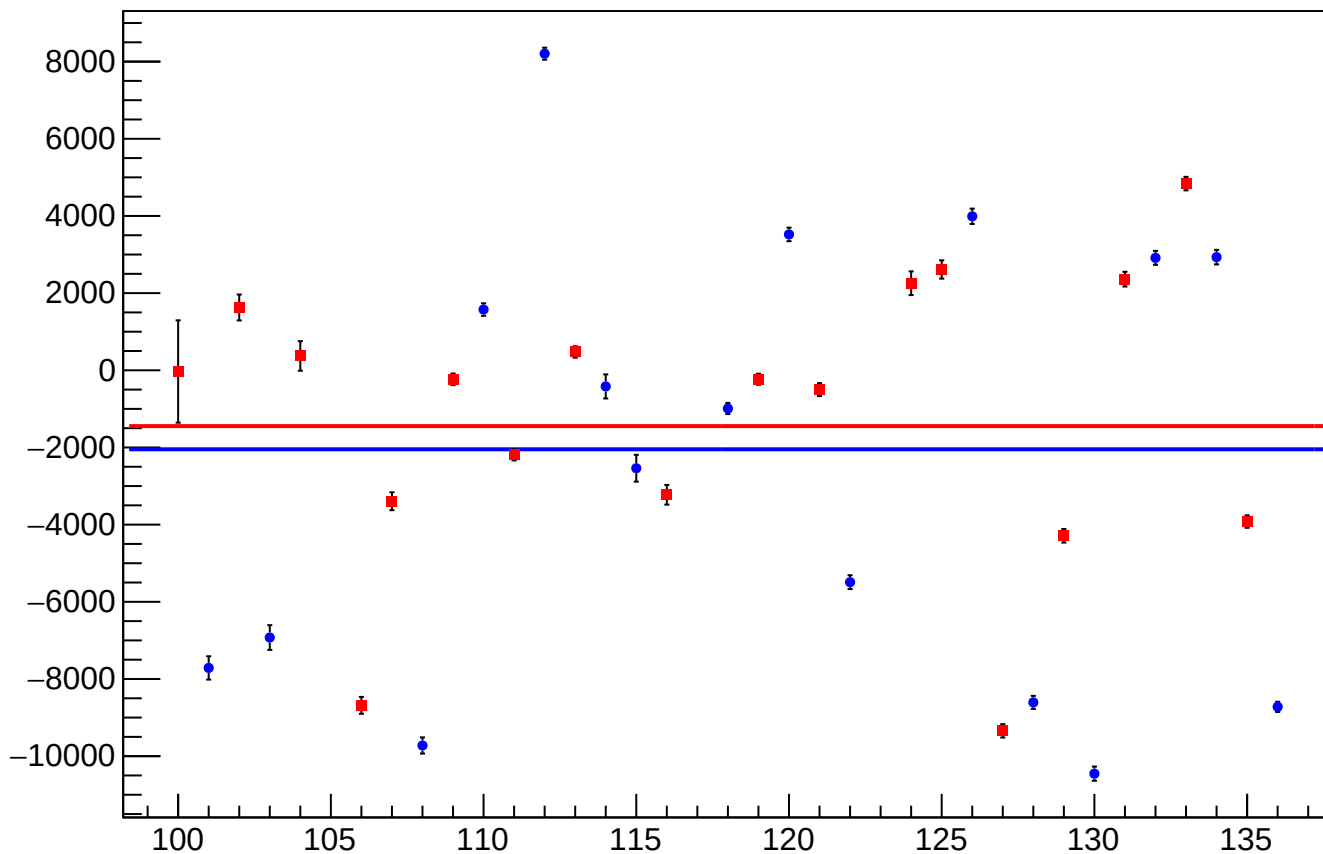
Right: 218.148+/-0.042 χ^2/NDF : 1604244.1/33

In: 224.683+/-0.061 χ^2/NDF :653193.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 218.148+/-0.042 χ^2/NDF : 1604244.1/33

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2047.267 ± 46.722 χ^2/NDF : 16709.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1446.554 ± 45.331 χ^2/NDF : 6384.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

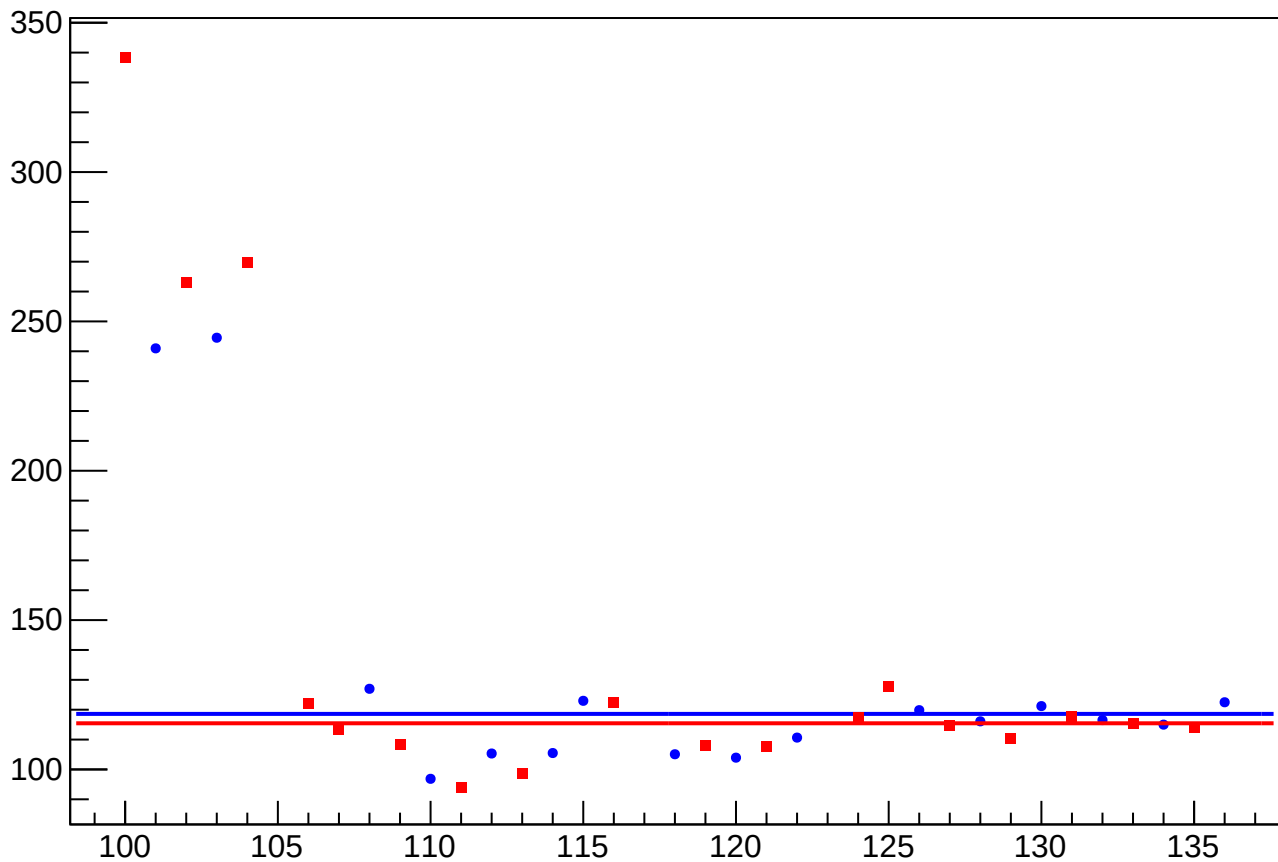
Right: -1737.836 ± 32.534 χ^2/NDF : 23178.6/33

In: -2047.267 ± 46.722 χ^2/NDF : 16709.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1737.836 ± 32.534 χ^2/NDF : 23178.6/33

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: 115.453 ± 0.032 χ^2/NDF : 862632.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

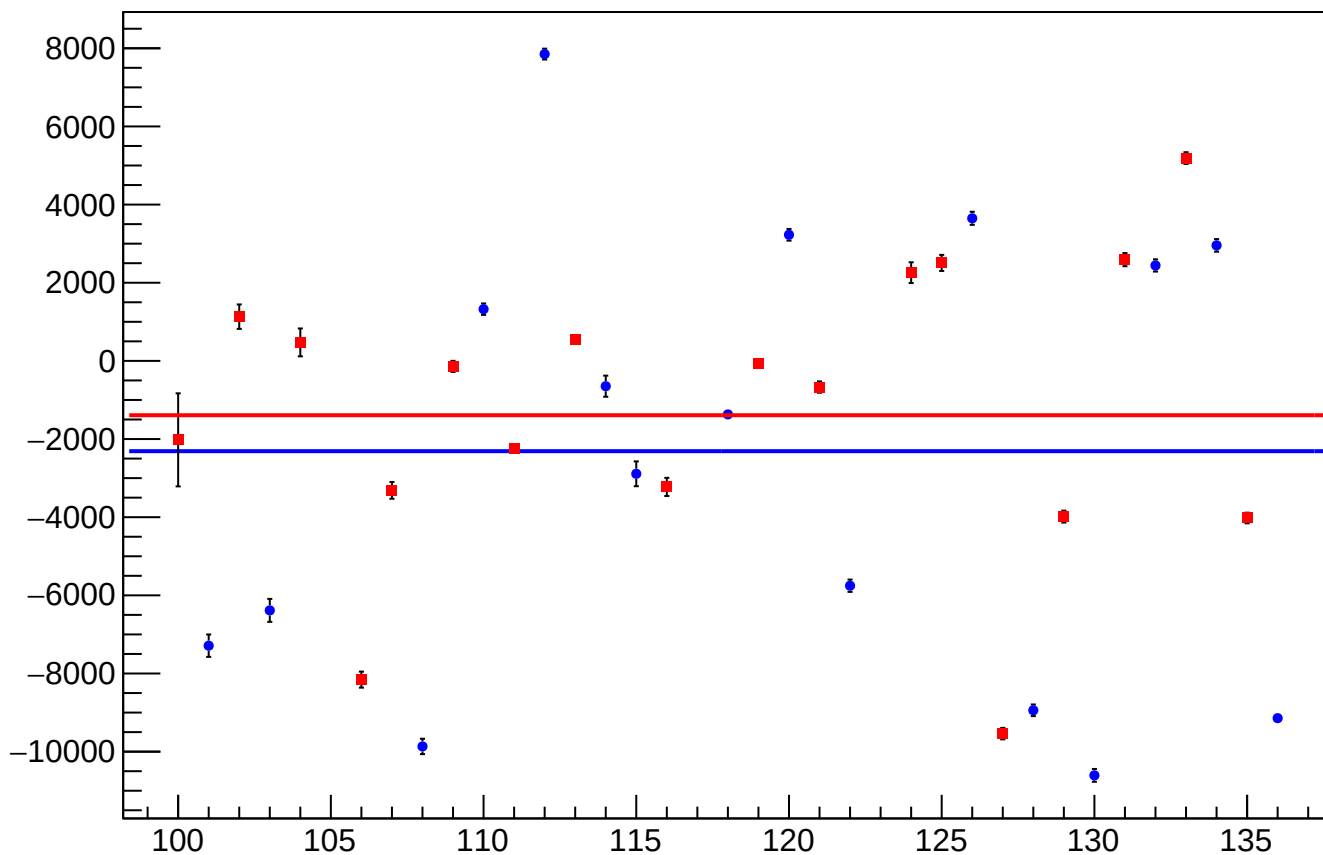
Right: 116.977 ± 0.023 χ^2/NDF : 1601452.9/33

In: 118.596 ± 0.033 χ^2/NDF : 734158.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 116.977 ± 0.023 χ^2/NDF : 1601452.9/33

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: -1390.455+/-39.959 χ^2/NDF : 8577.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

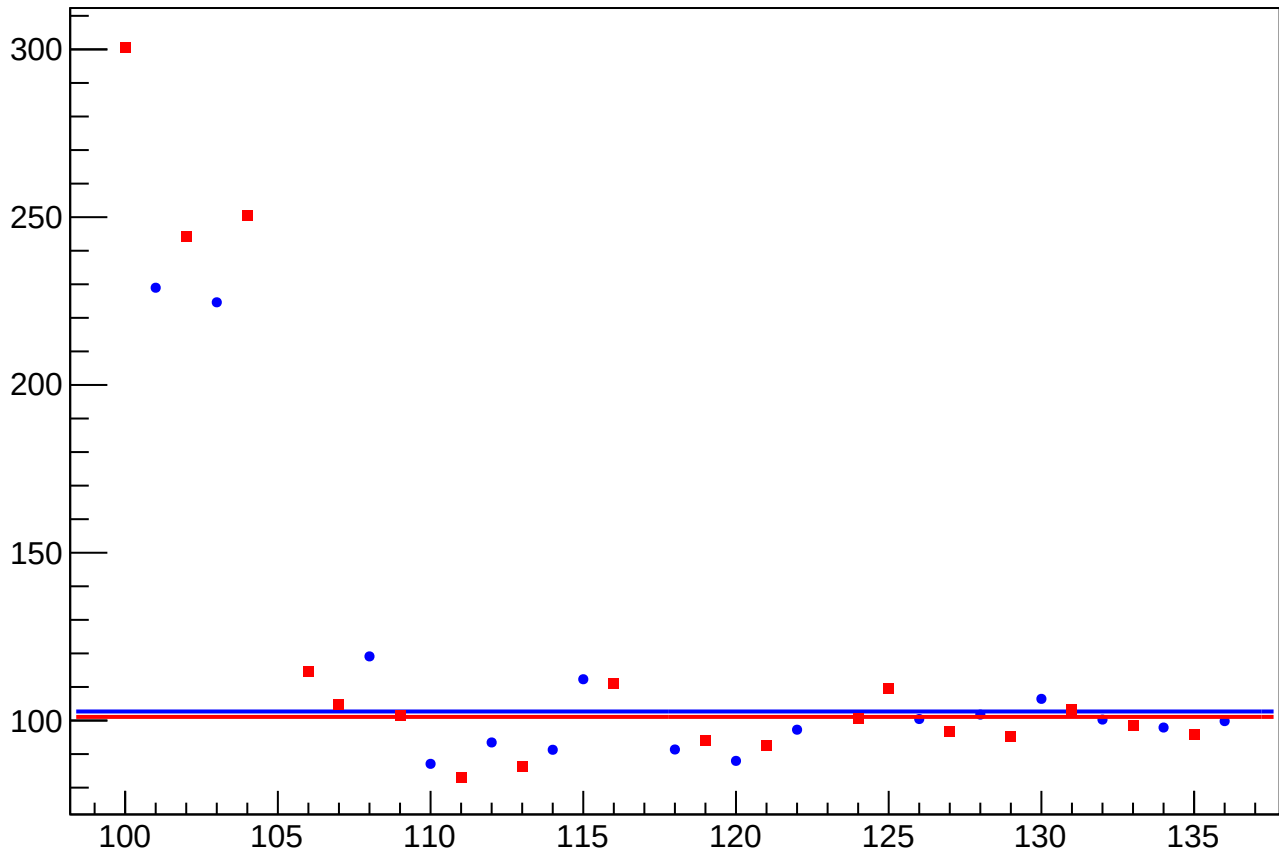
Right: -1841.674+/-28.525 χ^2/NDF : 30517.0/33

In: -2310.581+/-40.734 χ^2/NDF : 21679.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1841.674+/-28.525 χ^2/NDF : 30517.0/33

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: 101.080+/-0.028 χ^2/NDF : 930446.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

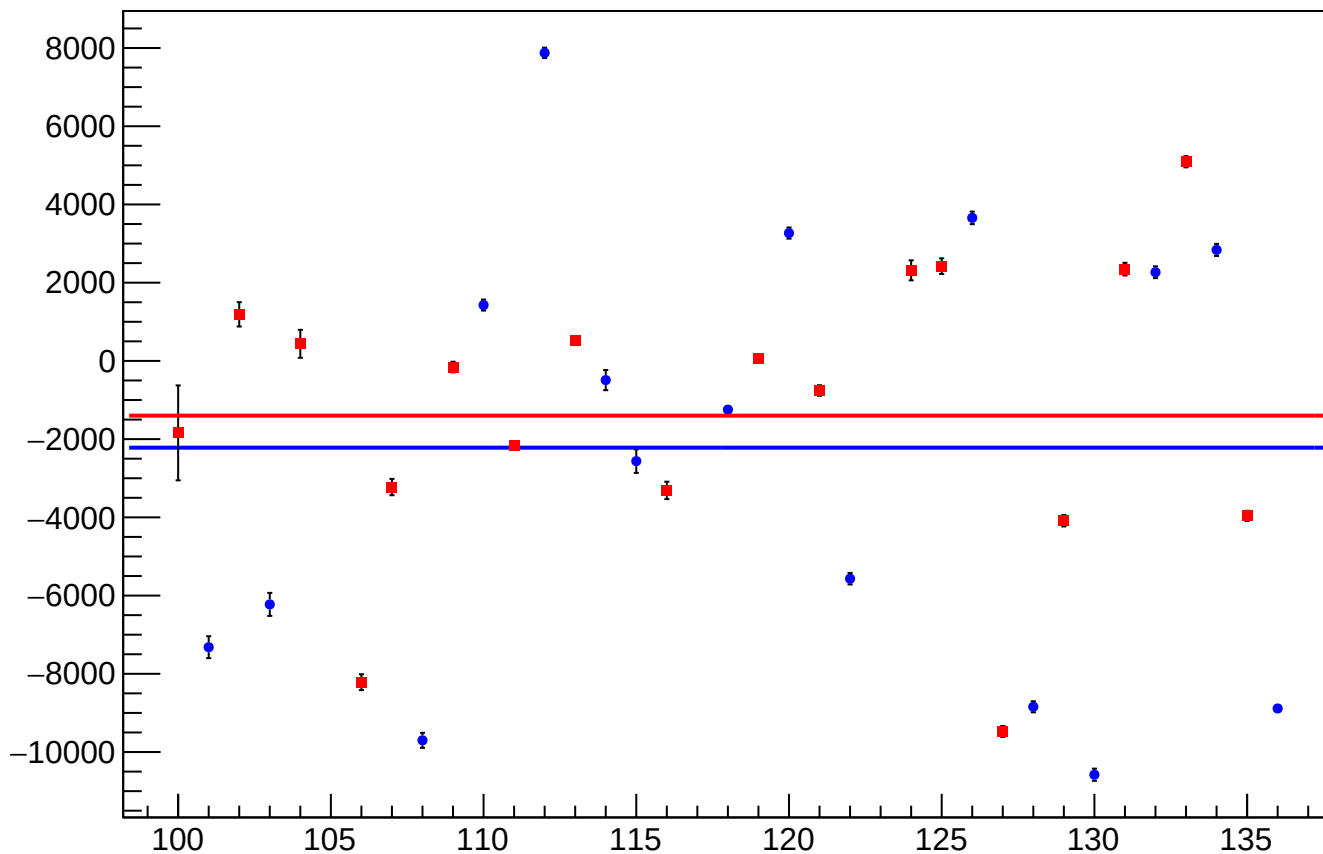
Right: 101.871+/-0.020 χ^2/NDF : 1757848.1/33

In: 102.694+/-0.029 χ^2/NDF : 825801.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.871+/-0.020 χ^2/NDF : 1757848.1/33

asym_bpm2i02WS_mean vs Slug, Sign Corrected



Right In: -2218.049 $\pm$ 39.039 χ^2 /NDF: 23040.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1399.248 $\pm$ 38.148 χ^2 /NDF: 9151.4/17

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

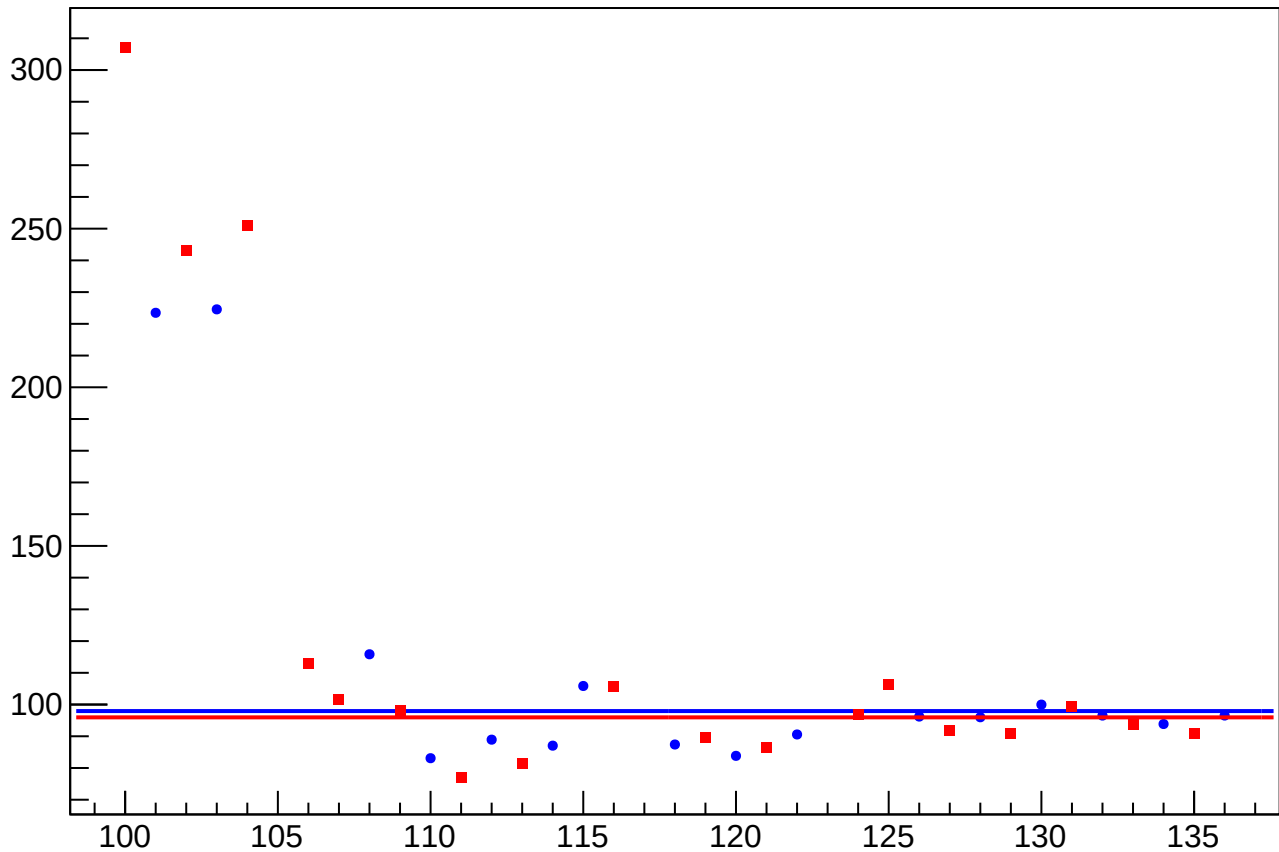
Right: -1799.204 $\pm$ 27.284 χ^2 /NDF: 32417.1/33

In: -2218.049 $\pm$ 39.039 χ^2 /NDF:23040.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1799.204 $\pm$ 27.284 χ^2 /NDF: 32417.1/33

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: 95.957+/-0.027 χ^2/NDF : 1012182.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

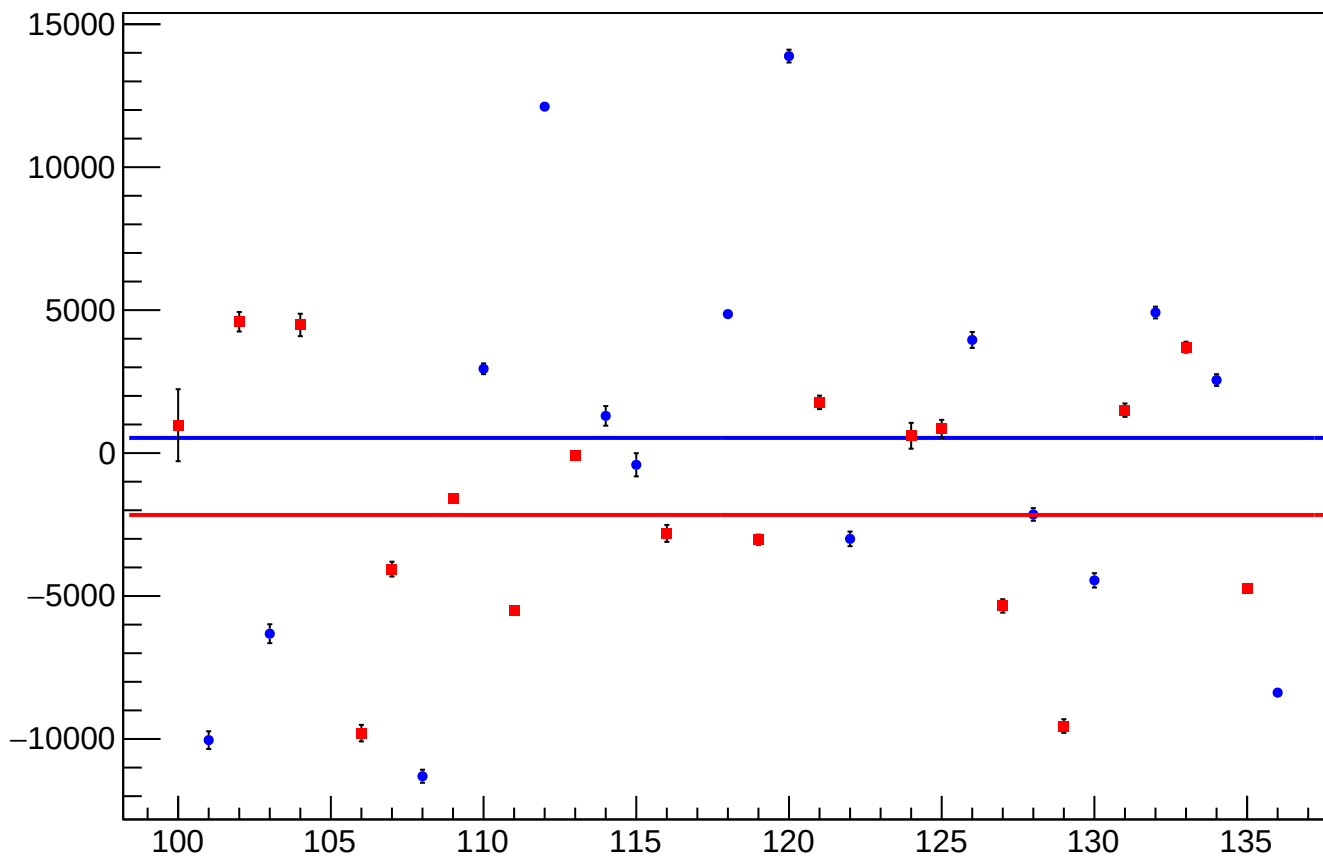
Right: 96.928+/-0.019 χ^2/NDF : 1882979.6/33

In: 97.944+/-0.028 χ^2/NDF : 868148.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.928+/-0.019 χ^2/NDF : 1882979.6/33

asym_bpm0i01WS_mean vs Slug, Sign Corrected



Right In: 530.568+/-54.855 χ^2/NDF : 18587.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2163.569+/-54.405 χ^2/NDF : 4967.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

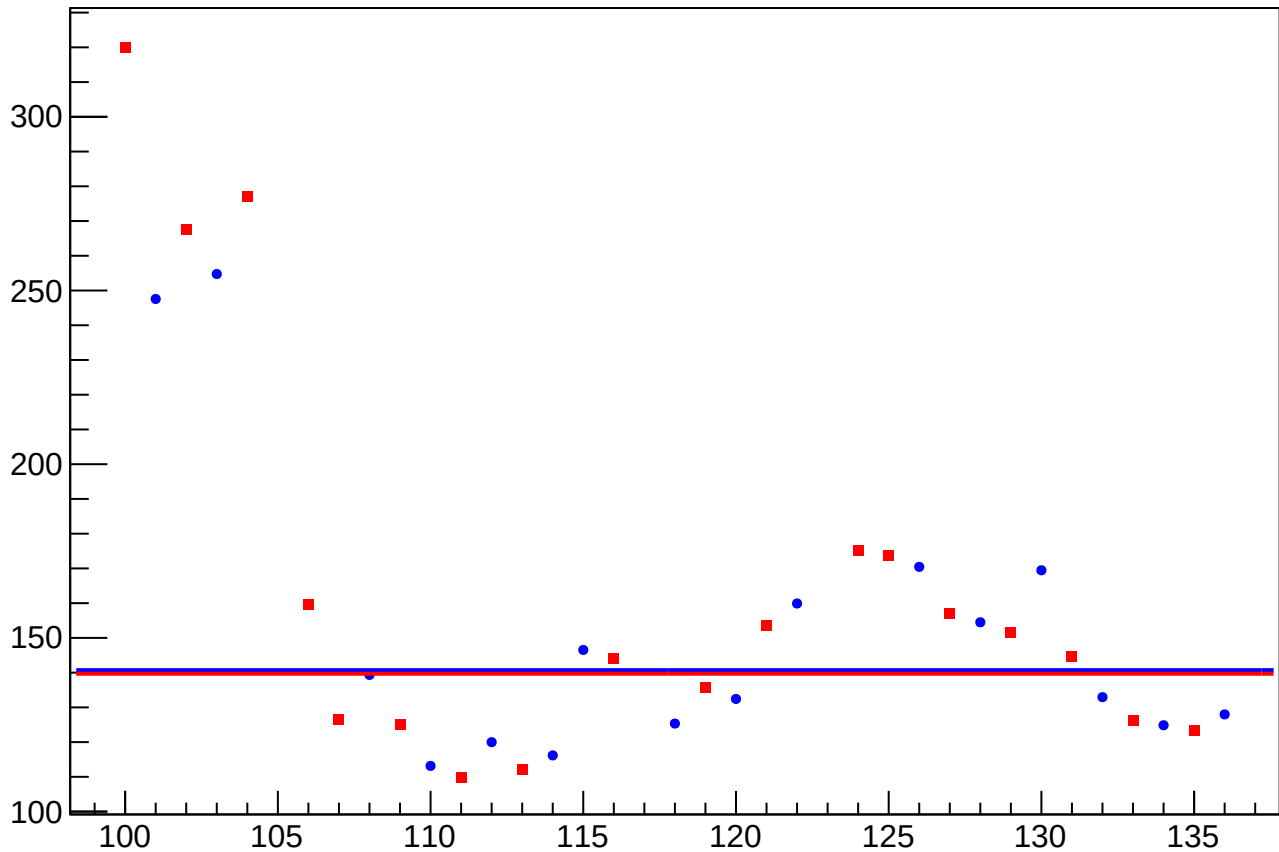
Right: -827.590+/-38.628 χ^2/NDF : 24770.7/33

In: 530.568+/-54.855 χ^2/NDF :18587.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -827.590+/-38.628 χ^2/NDF : 24770.7/33

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: 139.684+/-0.038 χ^2/NDF : 799682.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

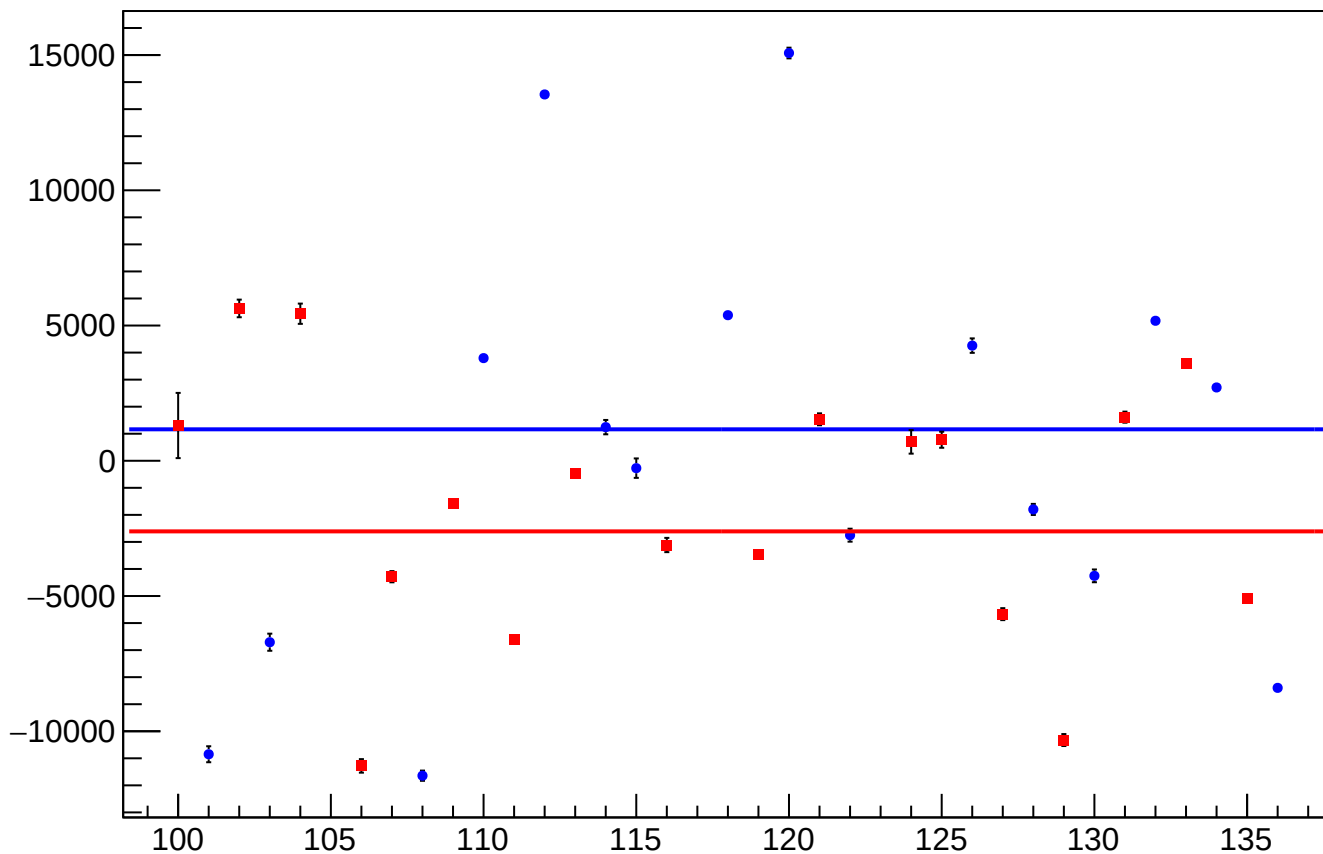
Right: 140.195+/-0.027 χ^2/NDF : 1475658.0/33

In: 140.715+/-0.039 χ^2/NDF : 675618.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.195+/-0.027 χ^2/NDF : 1475658.0/33

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: -2610.314+/-45.100 χ^2/NDF : 8092.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

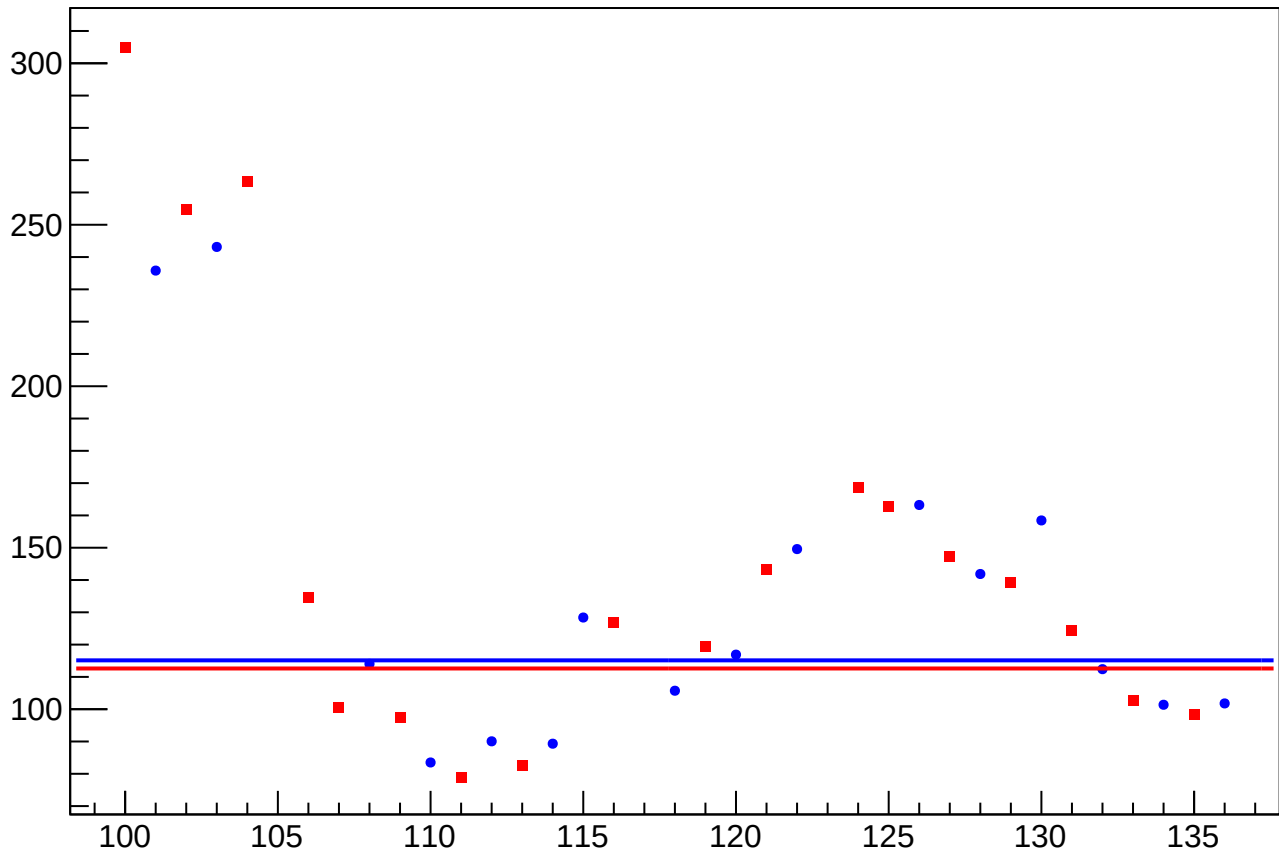
Right: -758.062+/-32.180 χ^2/NDF : 42282.7/33

In: 1162.980+/-45.930 χ^2/NDF : 30754.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -758.062+/-32.180 χ^2/NDF : 42282.7/33

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: 112.606+/-0.032 χ^2/NDF : 1324634.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

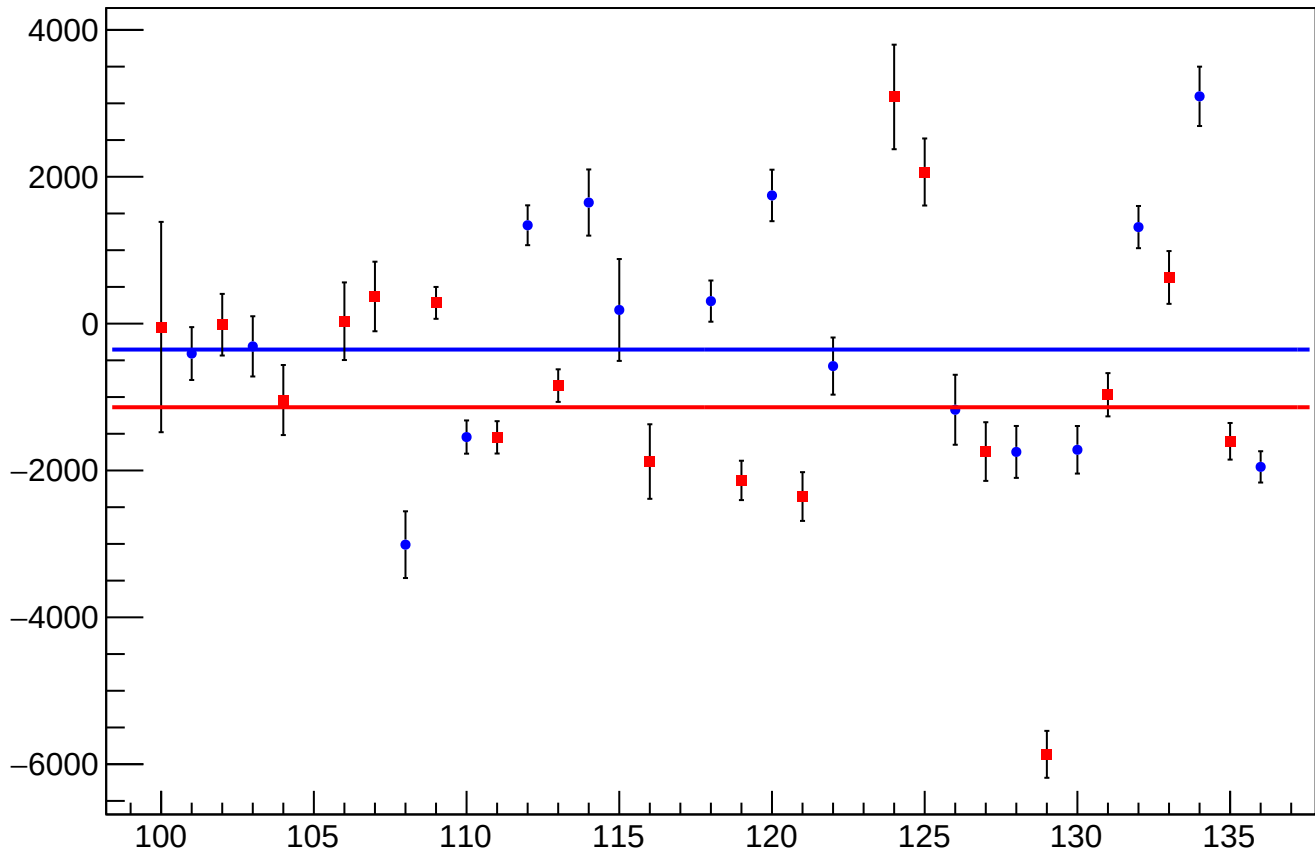
Right: 113.843+/-0.023 χ^2/NDF : 2440686.5/33

In: 115.125+/-0.032 χ^2/NDF : 1112987.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 113.843+/-0.023 χ^2/NDF : 2440686.5/33

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: -1138.767 ± 77.665 χ^2/NDF : 433.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

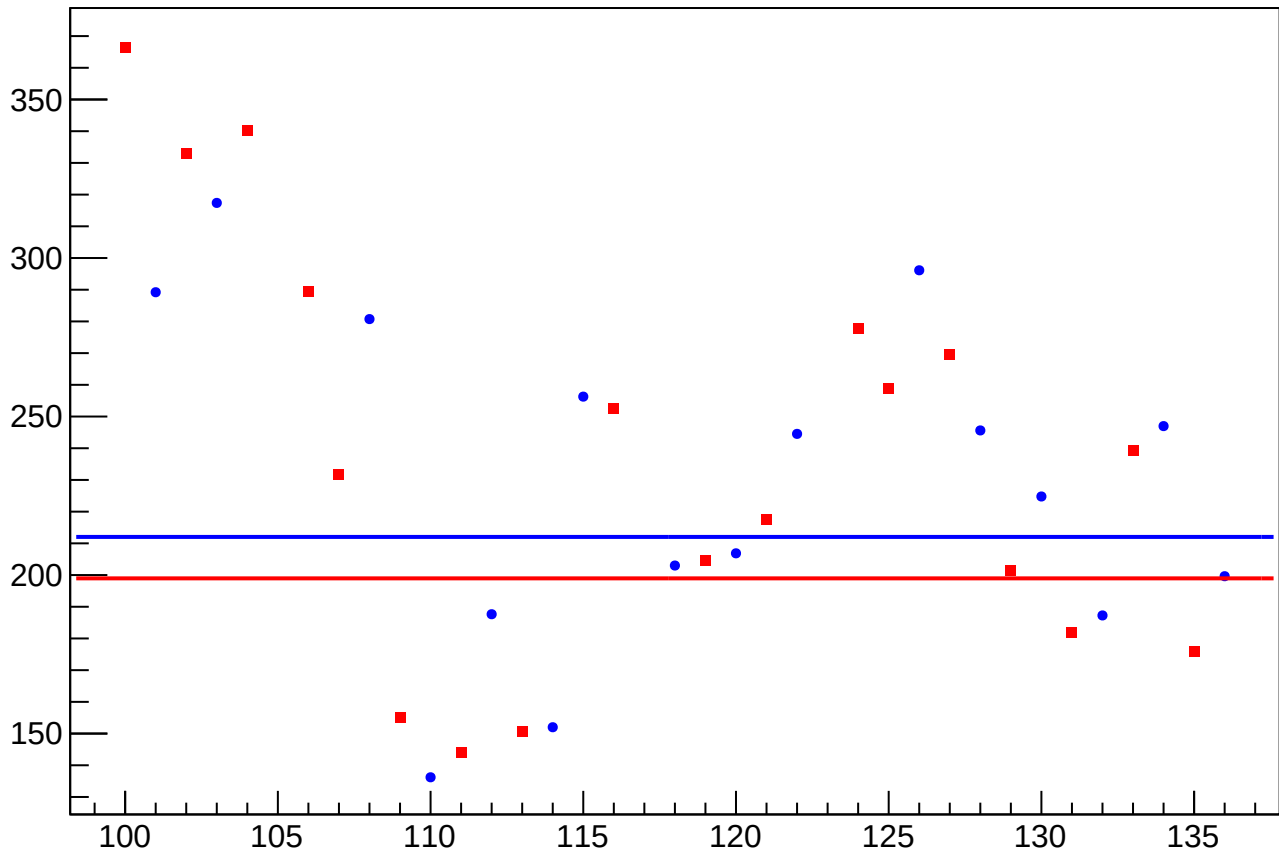
Right: -767.908 ± 56.432 χ^2/NDF : 844.0/33

In: -353.129 ± 82.136 χ^2/NDF : 361.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -767.908 ± 56.432 χ^2/NDF : 844.0/33

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: 198.955+/-0.055 χ^2/NDF : 974702.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

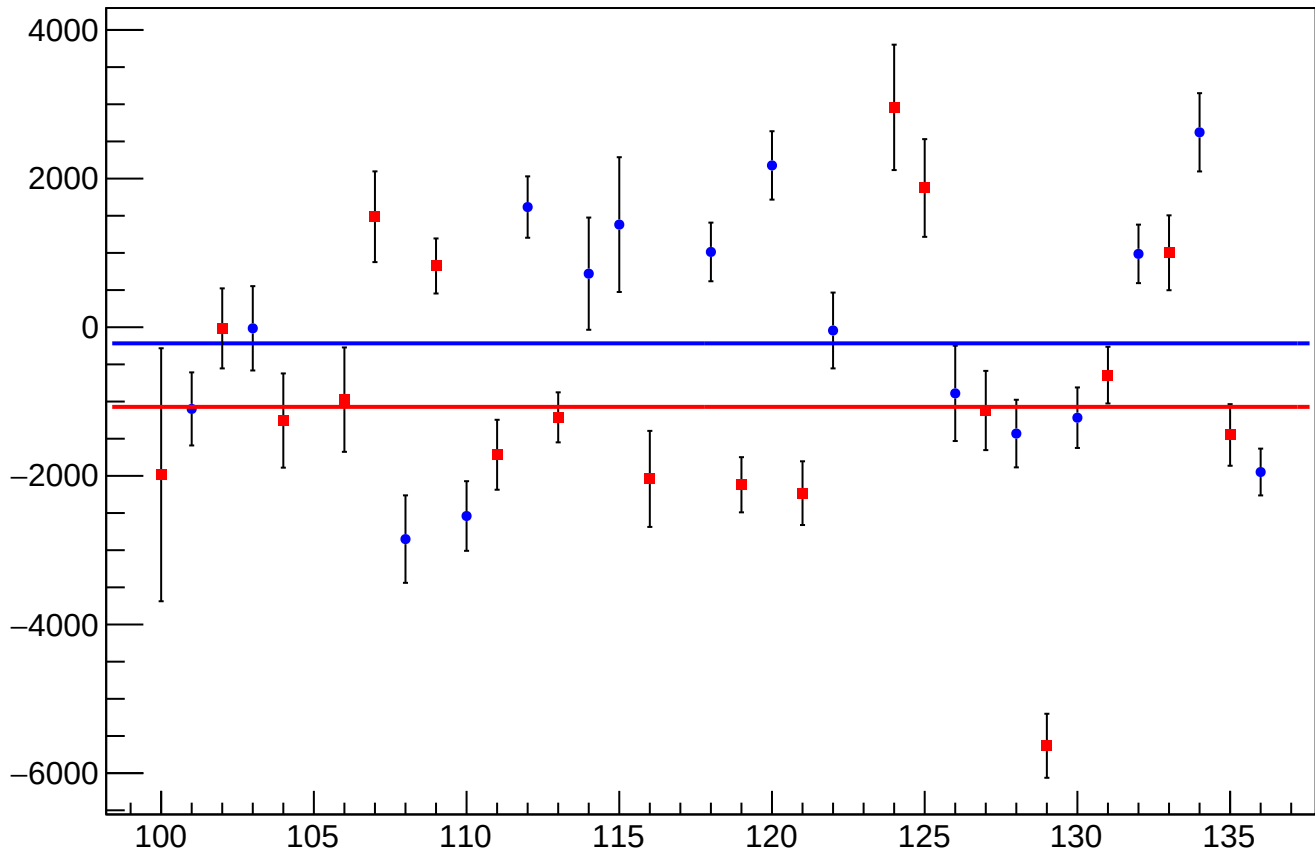
Right: 205.126+/-0.040 χ^2/NDF : 1691805.7/33

In: 212.027+/-0.058 χ^2/NDF : 690358.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.126+/-0.040 χ^2/NDF : 1691805.7/33

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: -1071.610+/-114.728 χ^2/NDF : 241.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

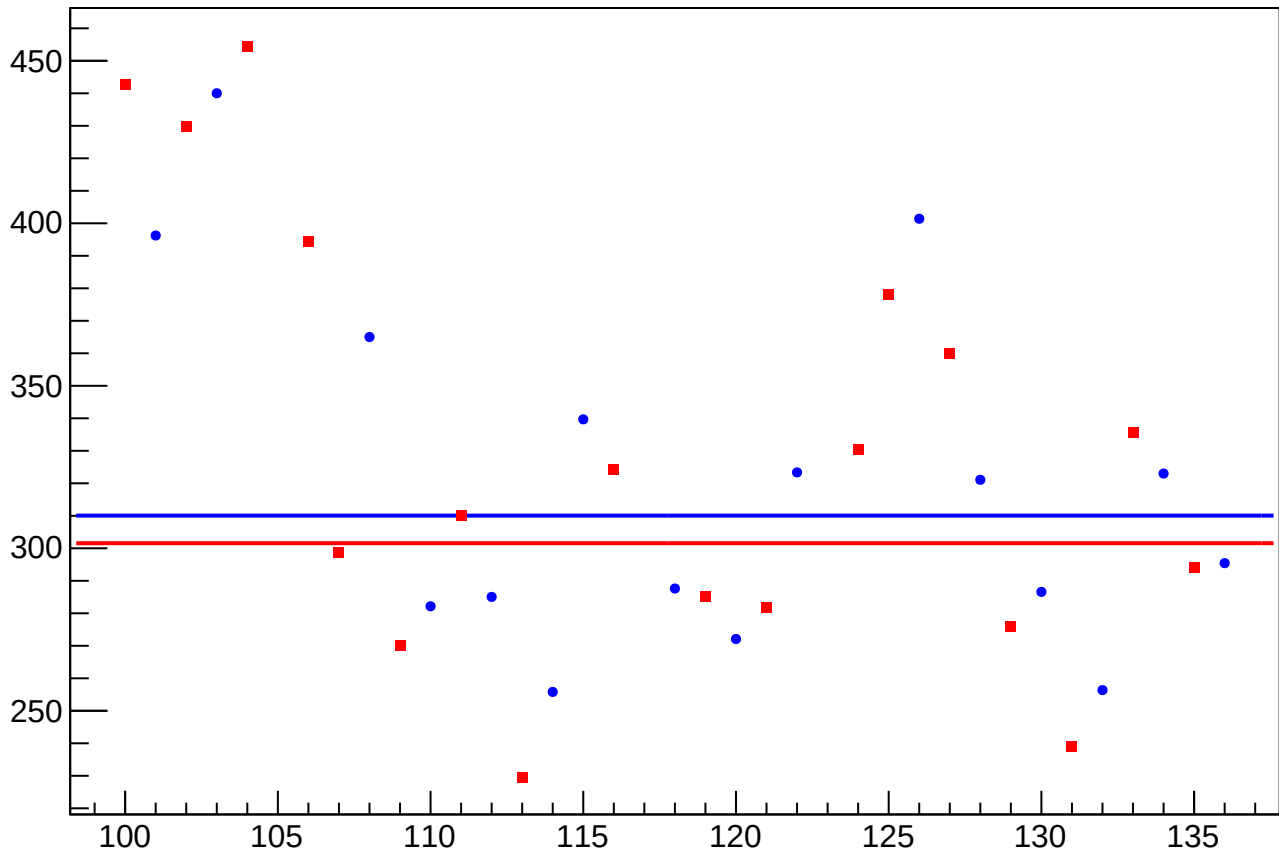
Right: -655.884+/-82.219 χ^2/NDF : 460.8/33

In: -216.948+/-117.887 χ^2/NDF : 192.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -655.884+/-82.219 χ^2/NDF : 460.8/33

asym_bpm0l02WS_rms vs Slug, Sign Corrected



Right In: 310.062+/-0.083 χ^2/NDF : 323283.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 301.568+/-0.081 χ^2/NDF : 519863.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

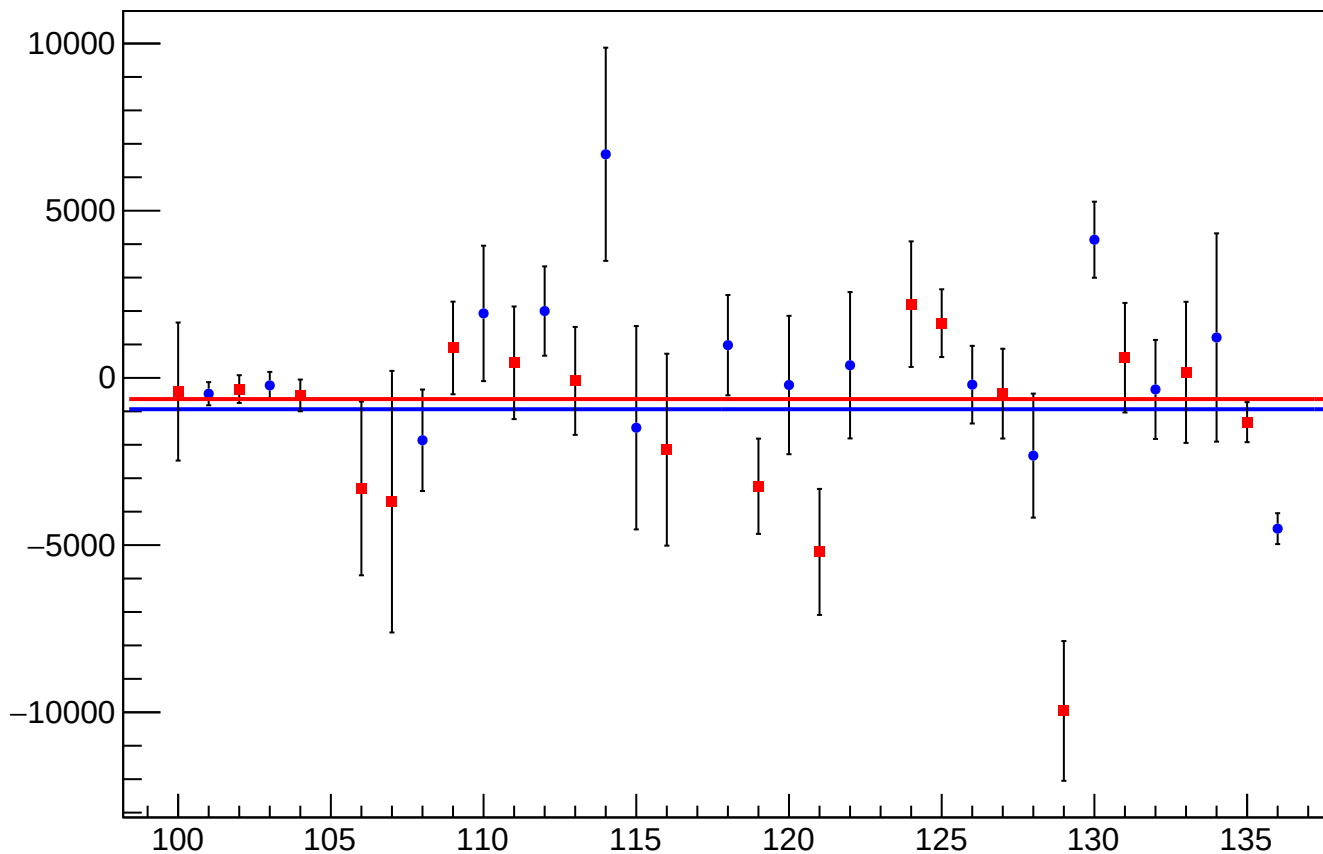
Right: 305.700+/-0.058 χ^2/NDF : 848478.7/33

In: 310.062+/-0.083 χ^2/NDF : 323283.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.700+/-0.058 χ^2/NDF : 848478.7/33

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: -633.367+/-233.901 χ^2/NDF : 42.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

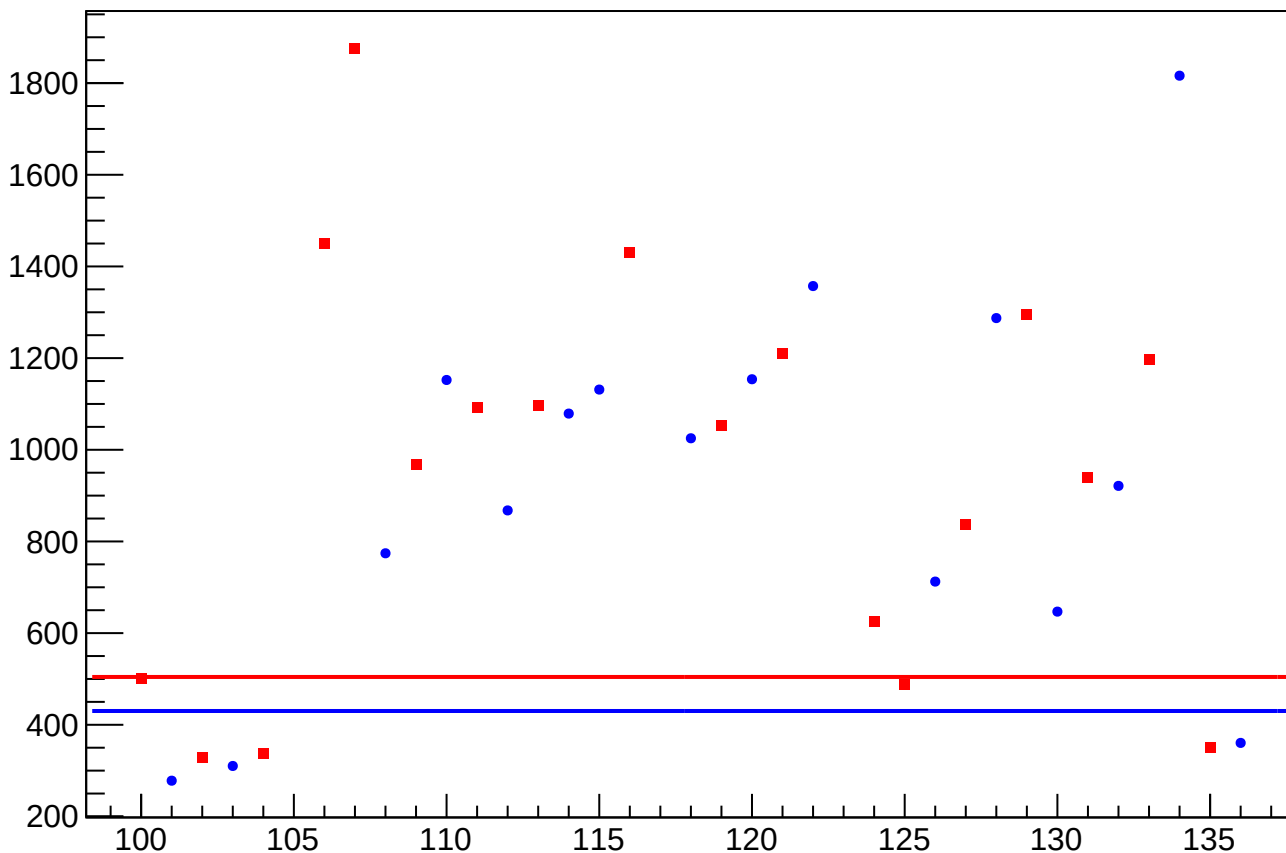
Right: -805.269+/-154.048 χ^2/NDF : 144.9/33

In: -936.949+/-204.717 χ^2/NDF : 101.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -805.269+/-154.048 χ^2/NDF : 144.9/33

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: 504.358+/-0.165 χ^2/NDF : 3538837.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

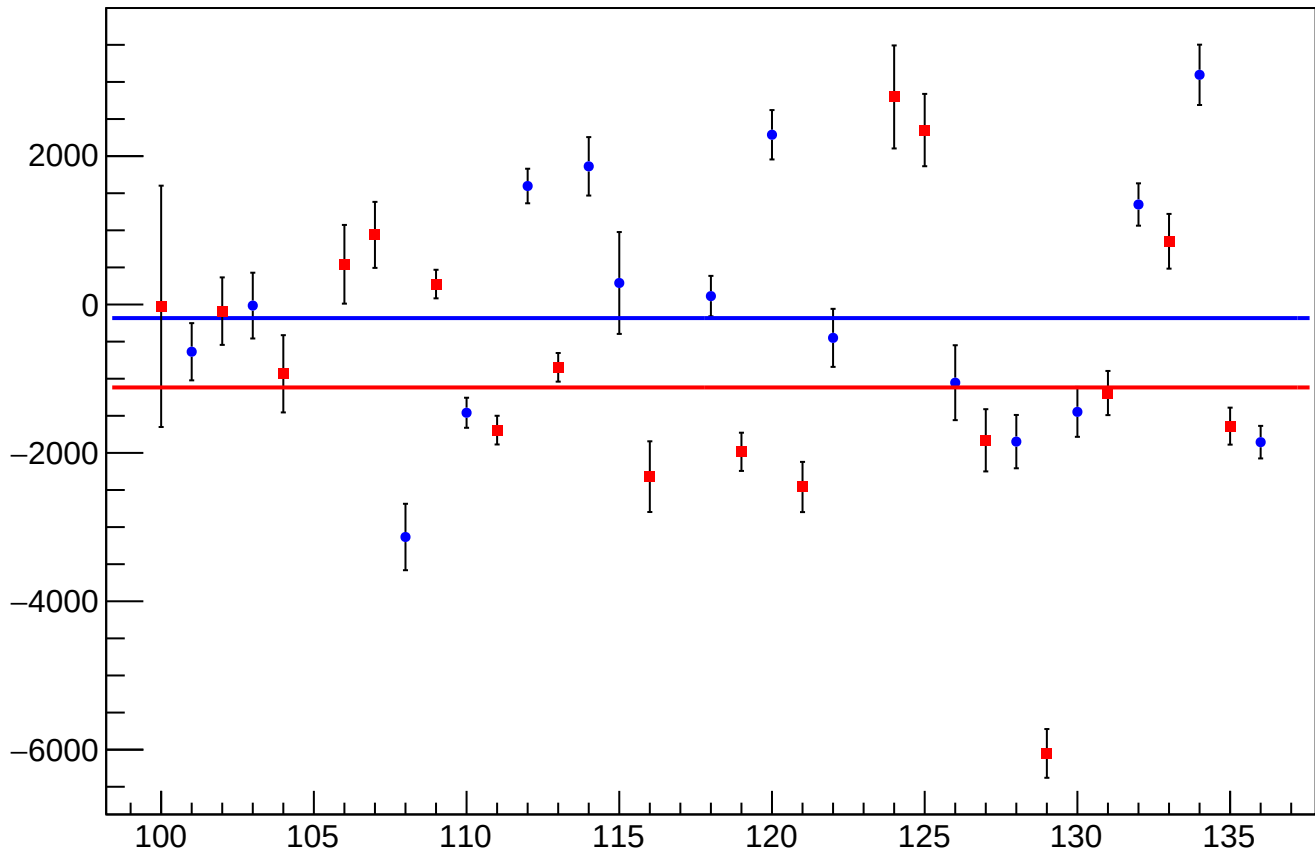
Right: 462.316+/-0.109 χ^2/NDF : 7174812.7/33

In: 430.110+/-0.145 χ^2/NDF : 3521861.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.316+/-0.109 χ^2/NDF : 7174812.7/33

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: -1117.738 ± 74.086 χ^2/NDF : 477.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

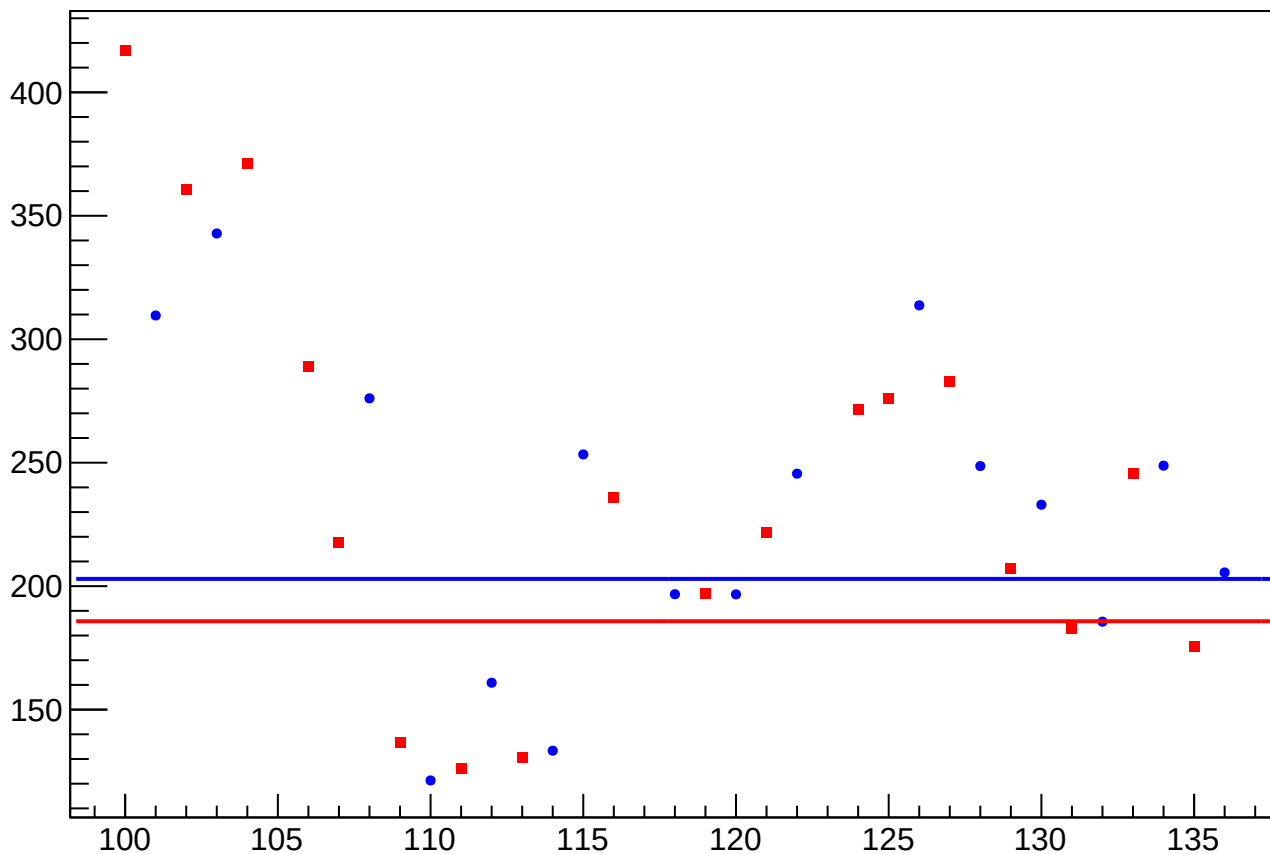
Right: -685.406 ± 54.314 χ^2/NDF : 968.3/33

In: -183.020 ± 79.863 χ^2/NDF : 417.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -685.406 ± 54.314 χ^2/NDF : 968.3/33

asym_bpm0l04WS_rms vs Slug, Sign Corrected



Right In: 202.941+/-0.056 χ^2/NDF : 1071859.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.793+/-0.052 χ^2/NDF : 1480164.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

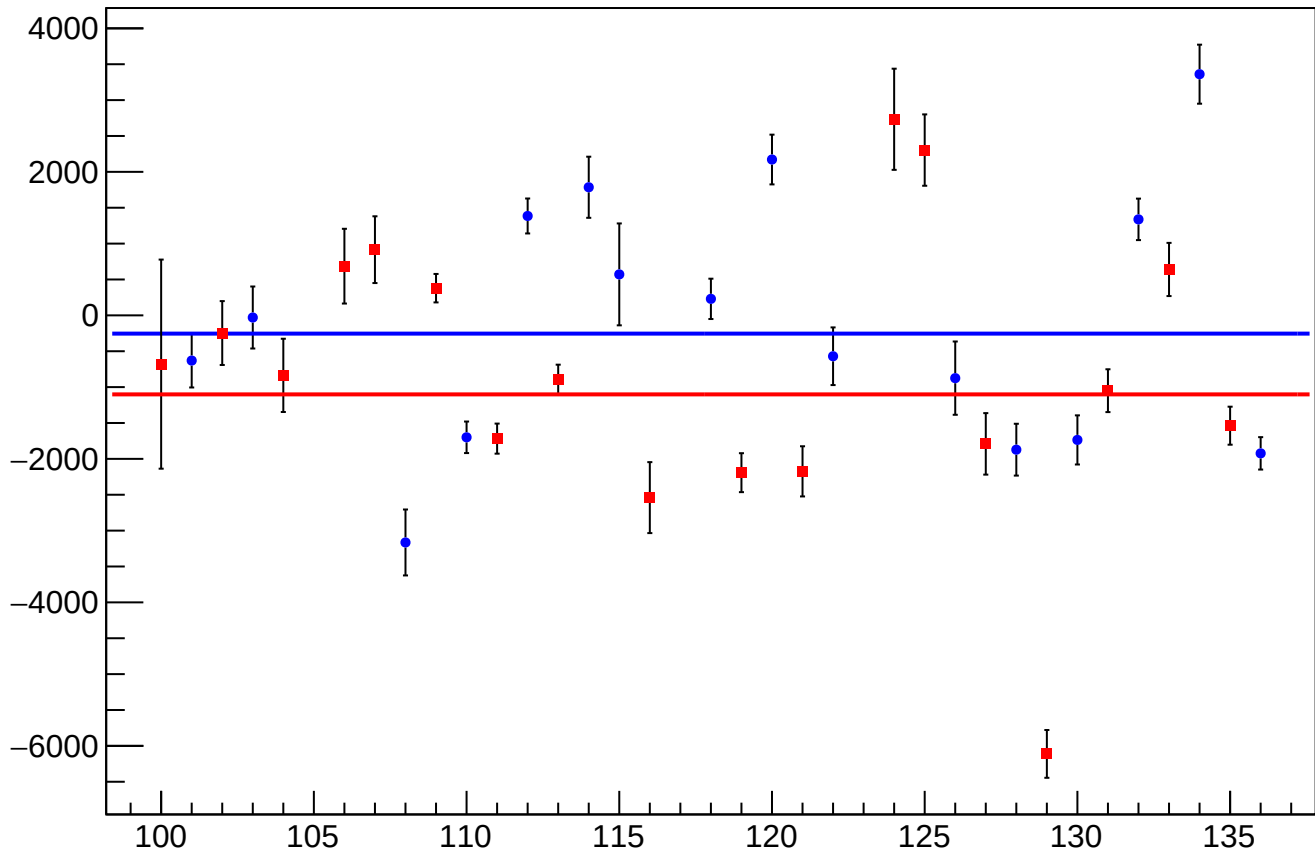
Right: 193.724+/-0.038 χ^2/NDF : 2601586.6/33

In: 202.941+/-0.056 χ^2/NDF : 1071859.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 193.724+/-0.038 χ^2/NDF : 2601586.6/33

asym_bpm0l05WS_mean vs Slug, Sign Corrected



Right In: -254.470+/-82.490 χ^2/NDF : 409.3/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1101.338+/-77.070 χ^2/NDF : 464.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

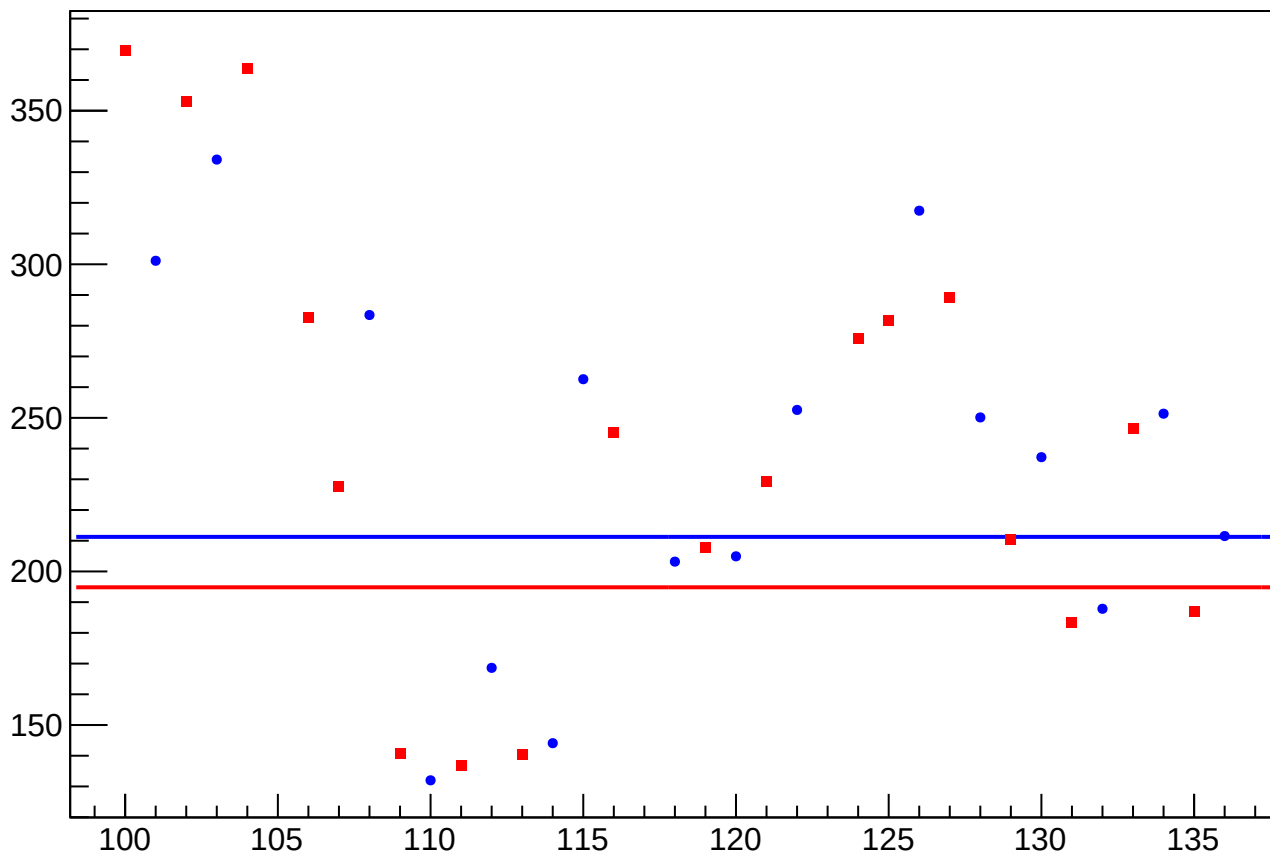
Right: -706.634+/-56.315 χ^2/NDF : 929.8/33

In: -254.470+/-82.490 χ^2/NDF :409.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -706.634+/-56.315 χ^2/NDF : 929.8/33

asym_bpm0l05WS_rms vs Slug, Sign Corrected



Right In: 211.254 $\pm$ 0.058 χ^2 /NDF: 884363.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 194.837 $\pm$ 0.054 χ^2 /NDF: 1284282.1/17

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

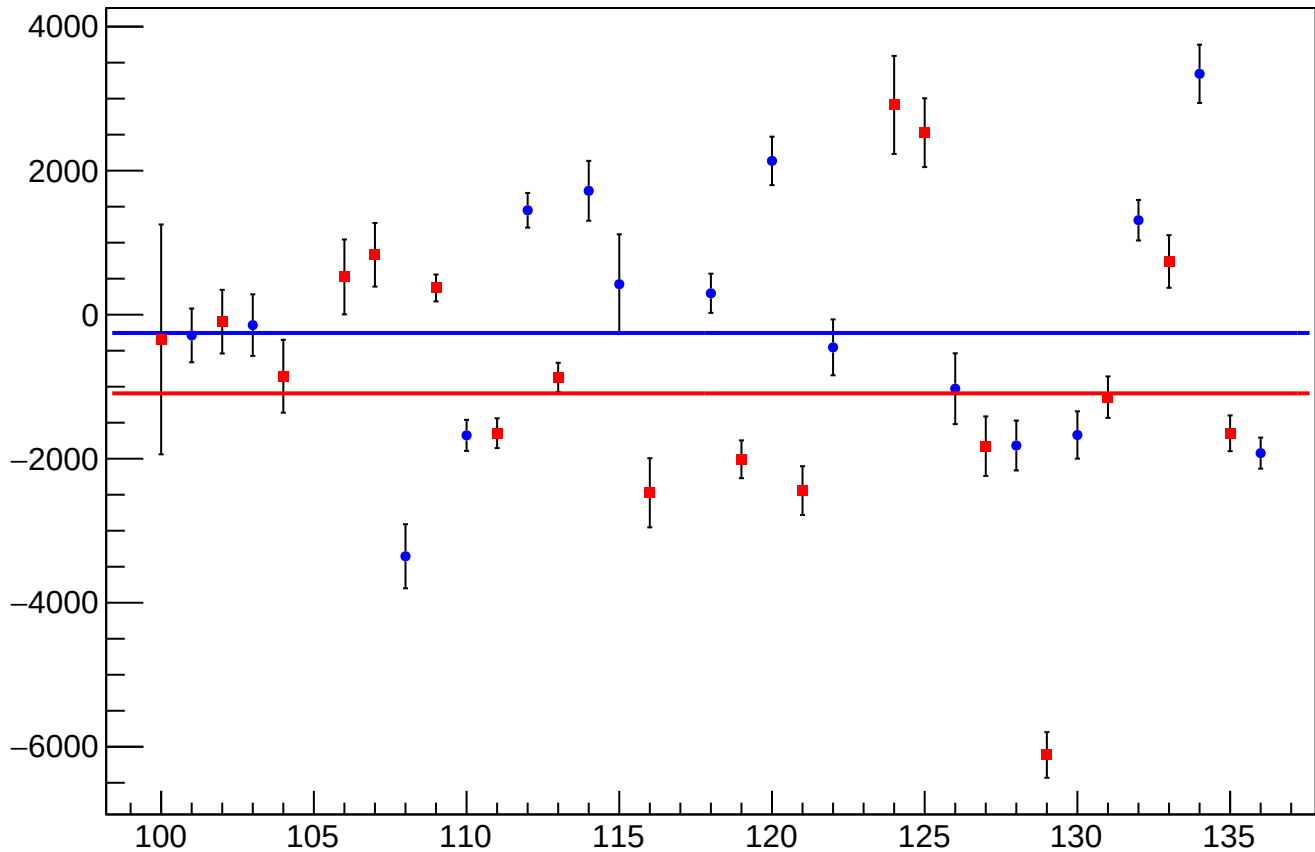
Right: 202.488 $\pm$ 0.040 χ^2 /NDF: 2210940.7/33

In: 211.254 $\pm$ 0.058 χ^2 /NDF:884363.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 202.488 $\pm$ 0.040 χ^2 /NDF: 2210940.7/33

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: -1092.701+/-74.452 χ^2/NDF : 516.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

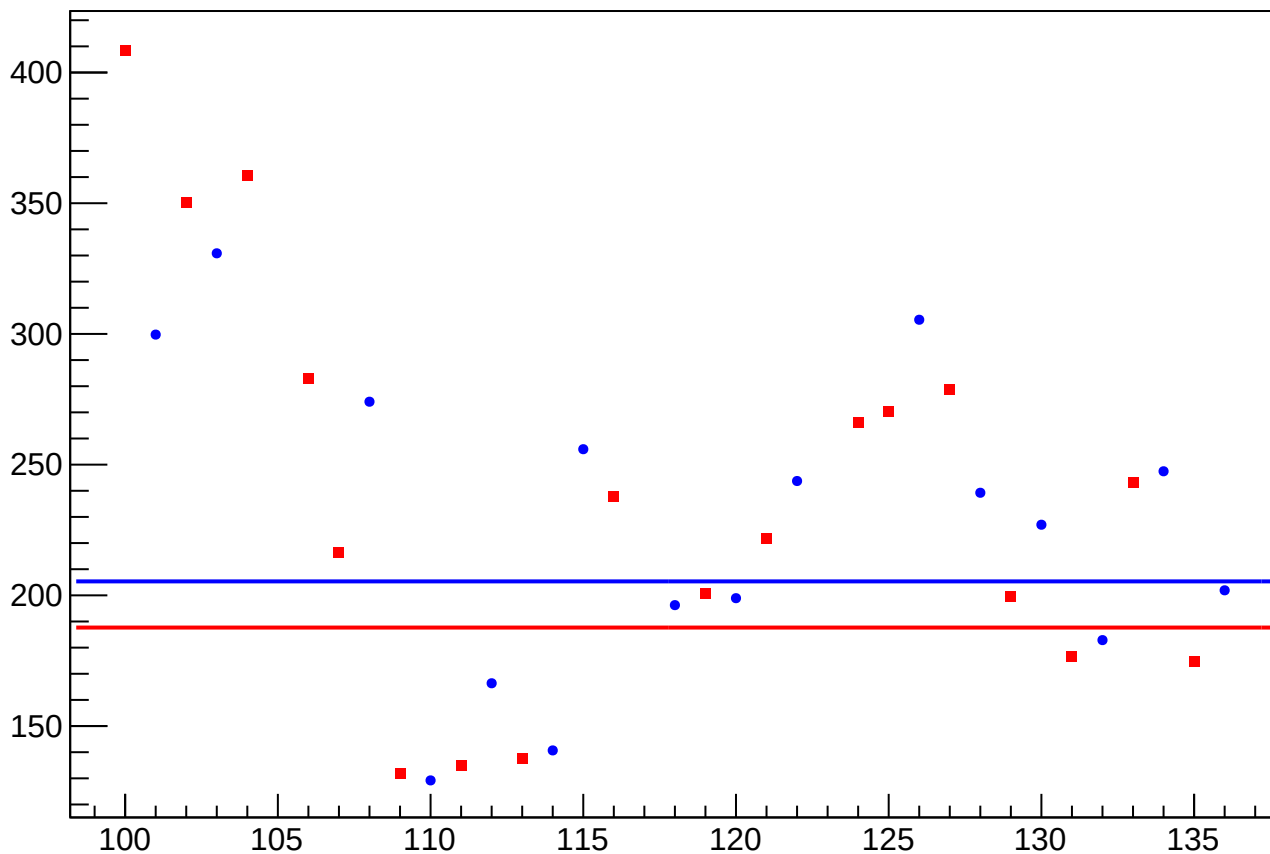
Right: -704.615+/-54.572 χ^2/NDF : 1007.2/33

In: -254.044+/-80.222 χ^2/NDF :432.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -704.615+/-54.572 χ^2/NDF : 1007.2/33

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: 187.680 ± 0.053 χ^2/NDF : 1336699.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

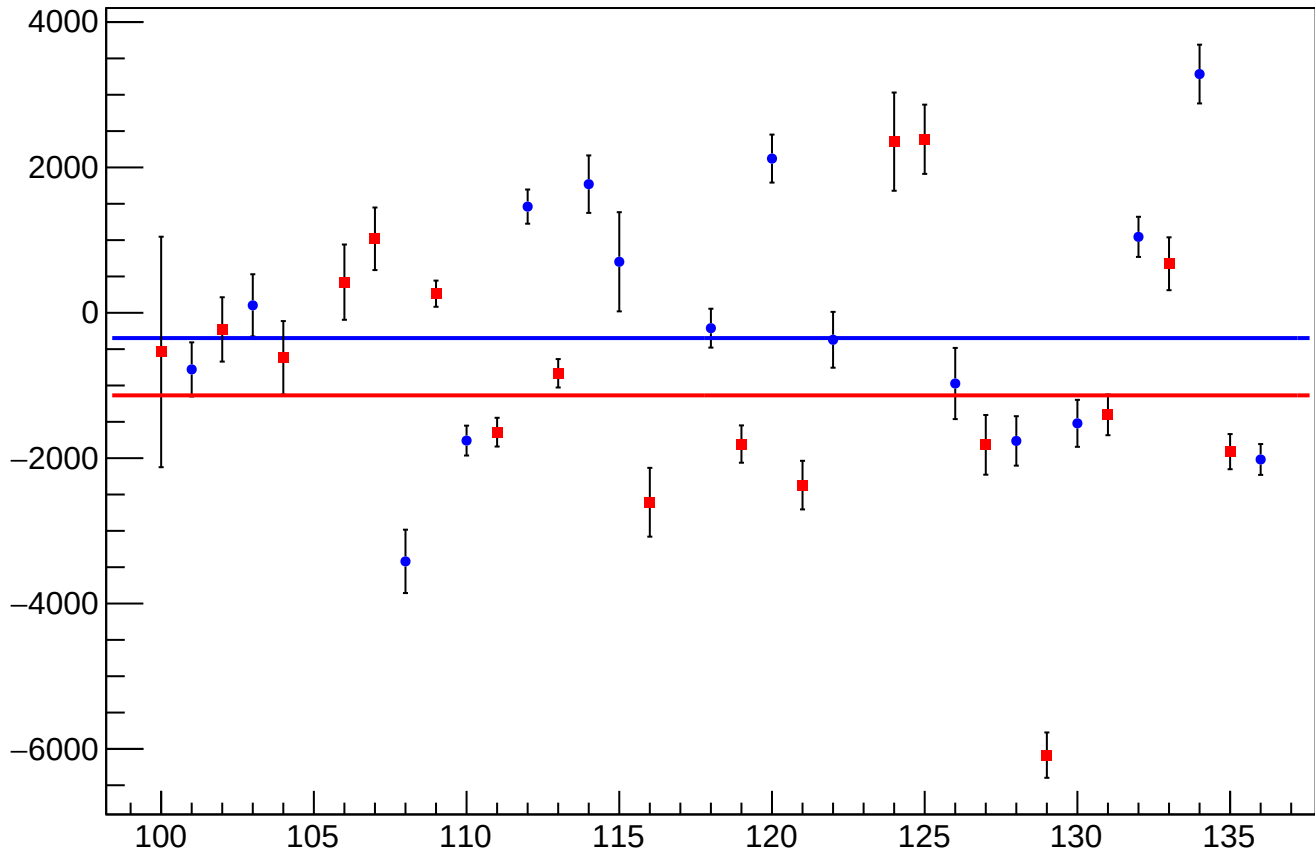
Right: 195.853 ± 0.039 χ^2/NDF : 2266174.1/33

In: 205.341 ± 0.057 χ^2/NDF : 877398.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 195.853 ± 0.039 χ^2/NDF : 2266174.1/33

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: -1135.824+/-72.567 χ^2/NDF : 510.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

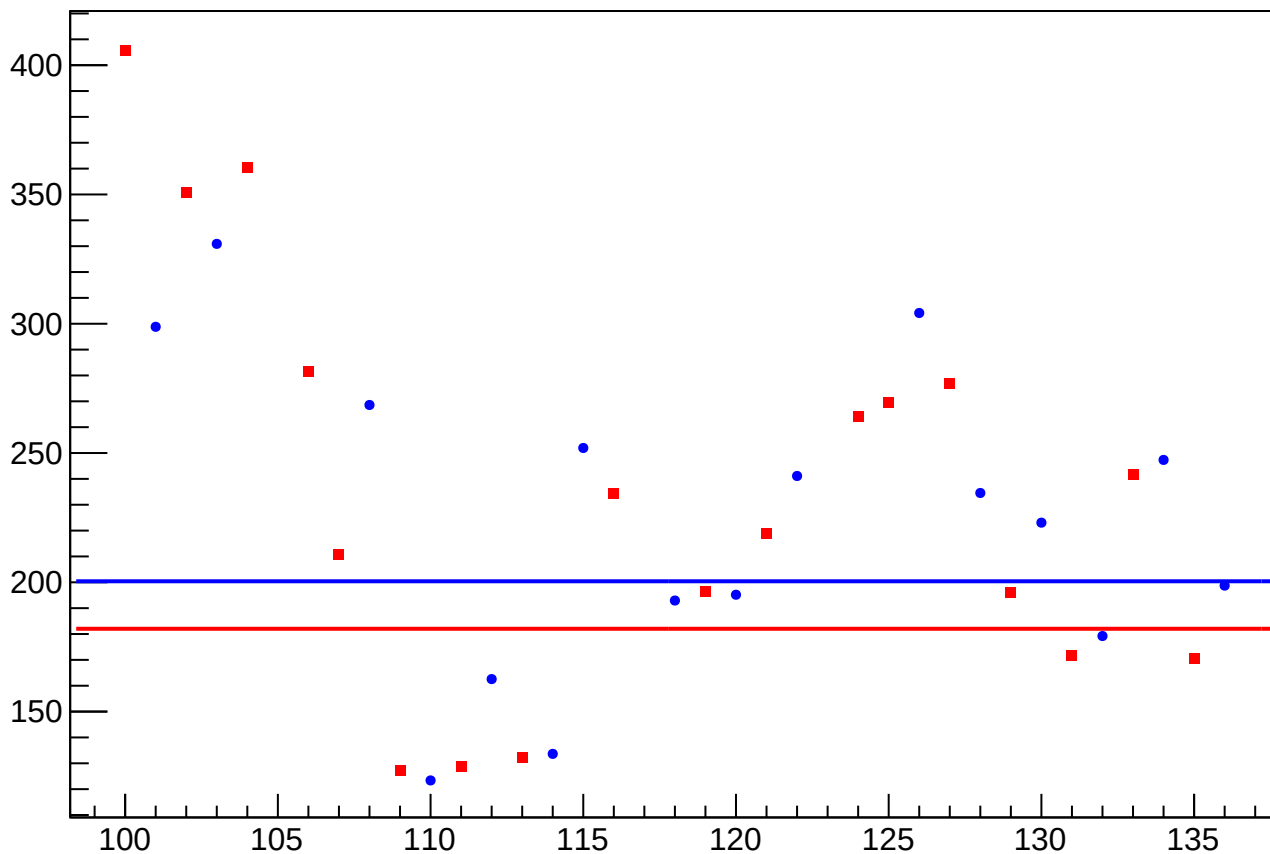
Right: -772.987+/-53.308 χ^2/NDF : 1011.0/33

In: -347.666+/-78.567 χ^2/NDF : 445.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -772.987+/-53.308 χ^2/NDF : 1011.0/33

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: 182.030+/-0.051 χ^2/NDF : 1446200.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

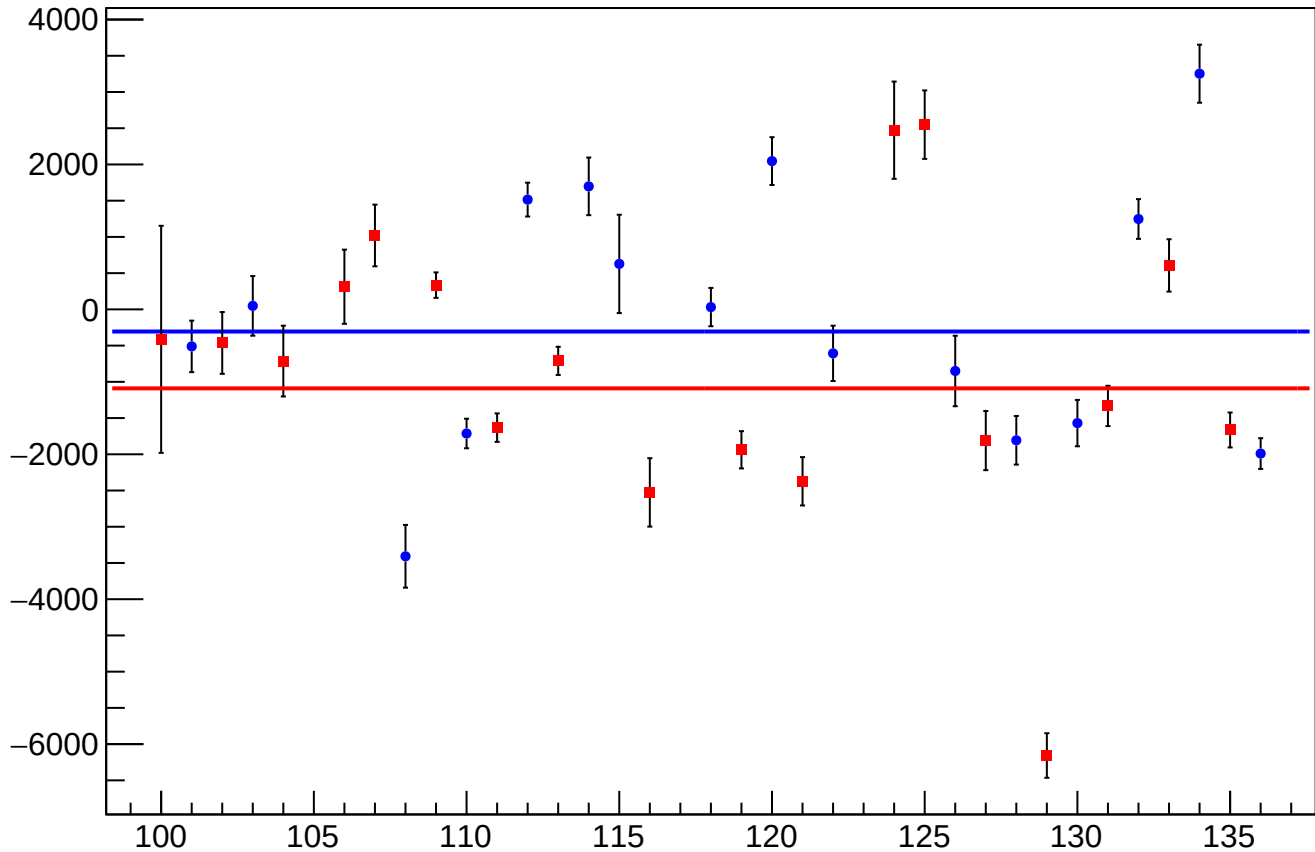
Right: 190.486+/-0.038 χ^2/NDF : 2464196.5/33

In: 200.399+/-0.056 χ^2/NDF : 959000.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 190.486+/-0.038 χ^2/NDF : 2464196.5/33

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: -1090.155 ± 71.814 χ^2/NDF : 537.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

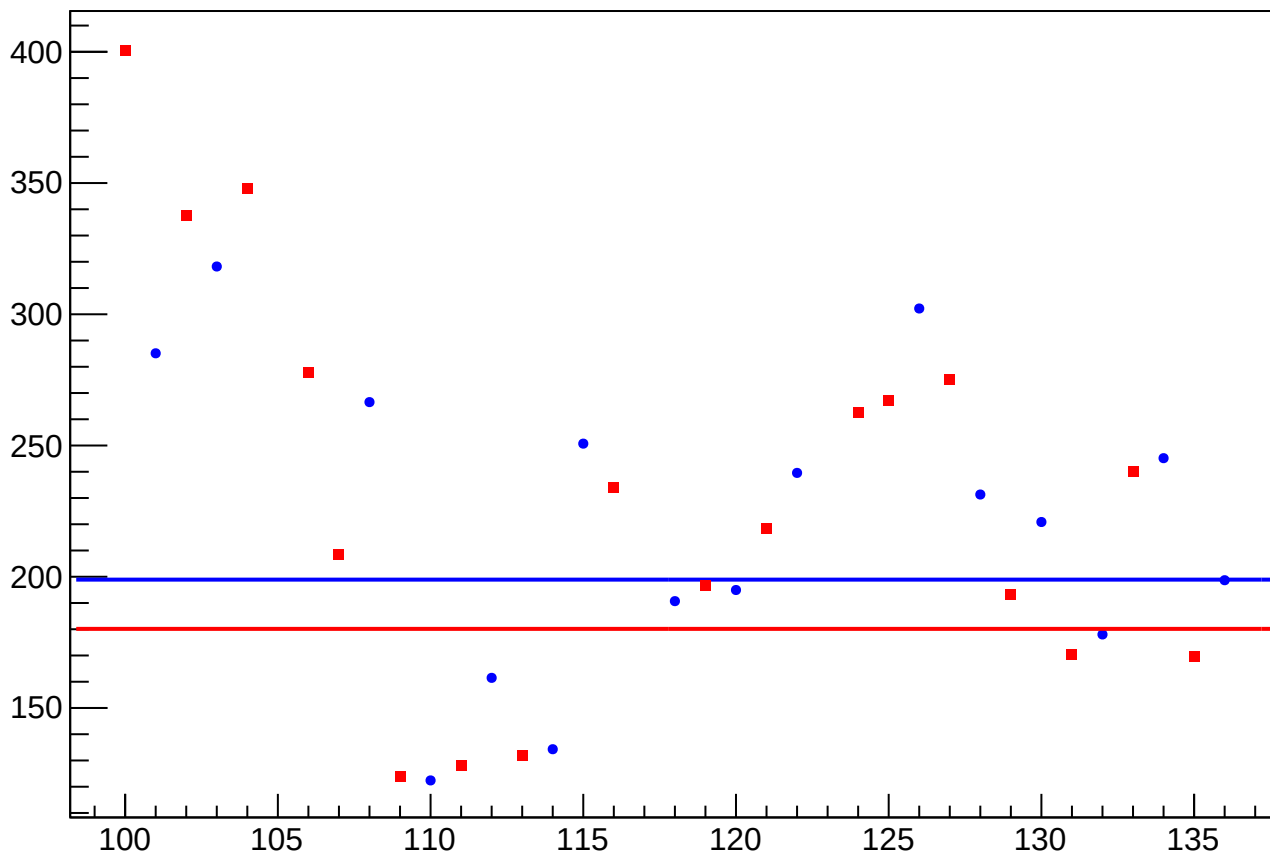
Right: -729.581 ± 52.791 χ^2/NDF : 1044.5/33

In: -305.649 ± 77.868 χ^2/NDF : 451.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -729.581 ± 52.791 χ^2/NDF : 1044.5/33

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: 180.141+/-0.051 χ^2/NDF : 1432879.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

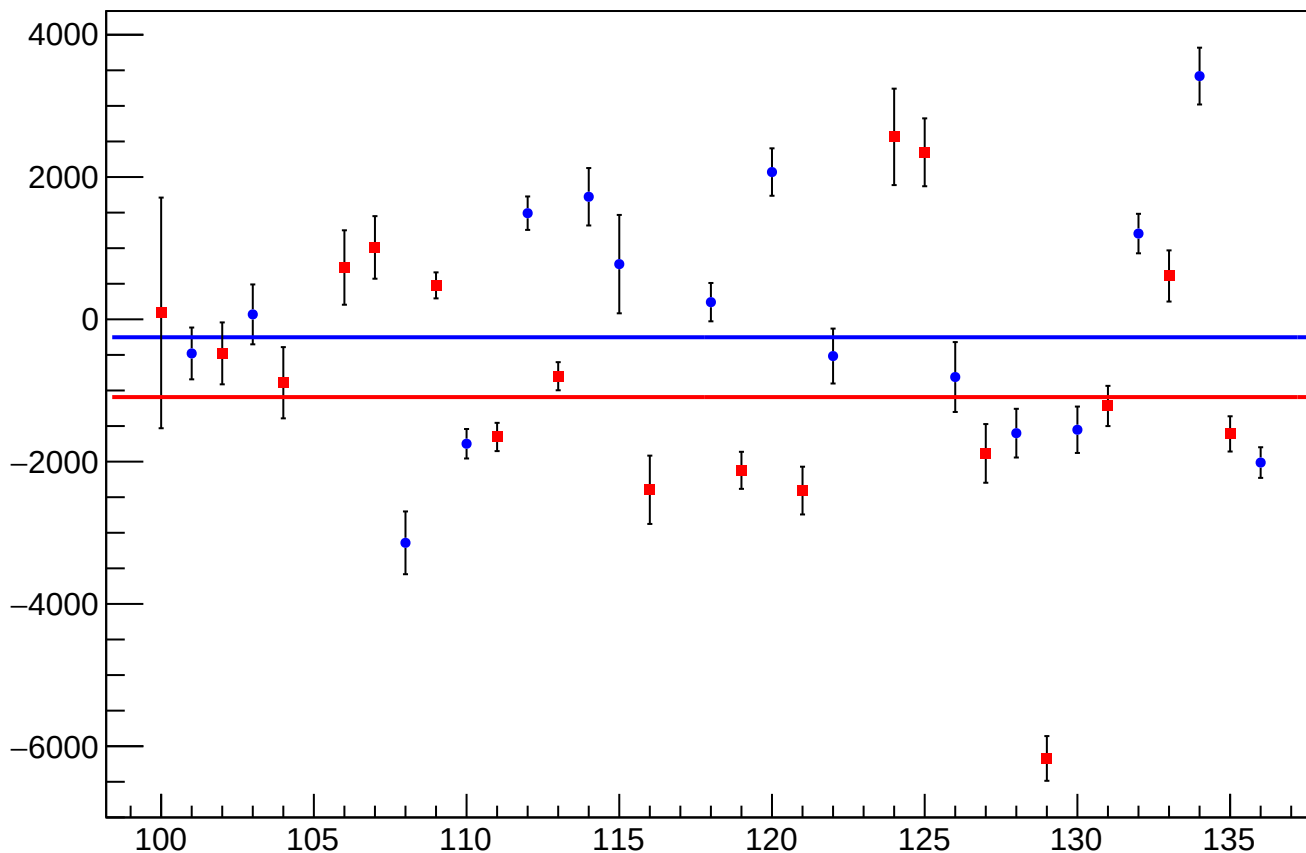
Right: 188.764+/-0.037 χ^2/NDF : 2408384.1/33

In: 198.903+/-0.055 χ^2/NDF : 912765.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.764+/-0.037 χ^2/NDF : 2408384.1/33

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: -1092.850+/-73.229 χ^2/NDF : 532.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

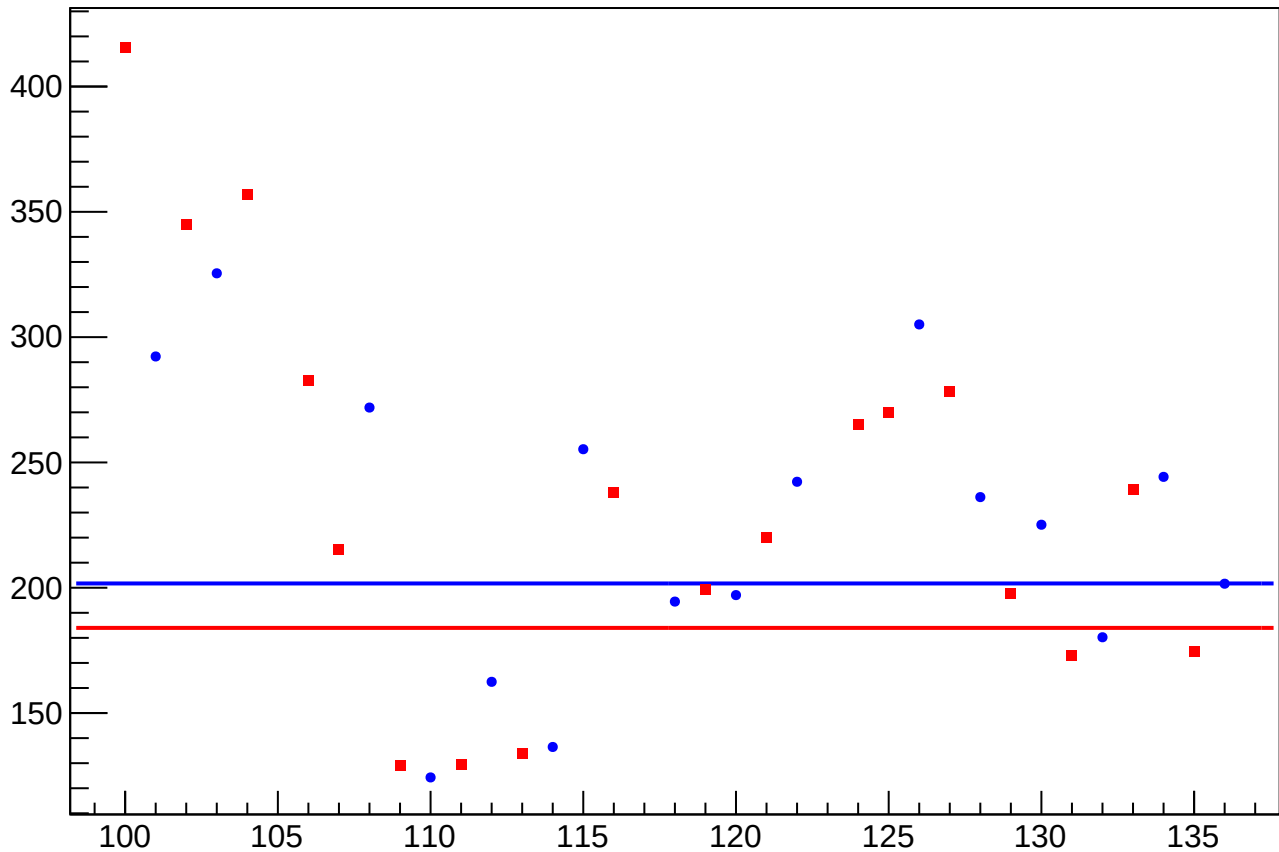
Right: -704.021+/-53.697 χ^2/NDF : 1035.1/33

In: -251.795+/-78.974 χ^2/NDF :441.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -704.021+/-53.697 χ^2/NDF : 1035.1/33

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: 183.983+/-0.052 χ^2/NDF : 1402861.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

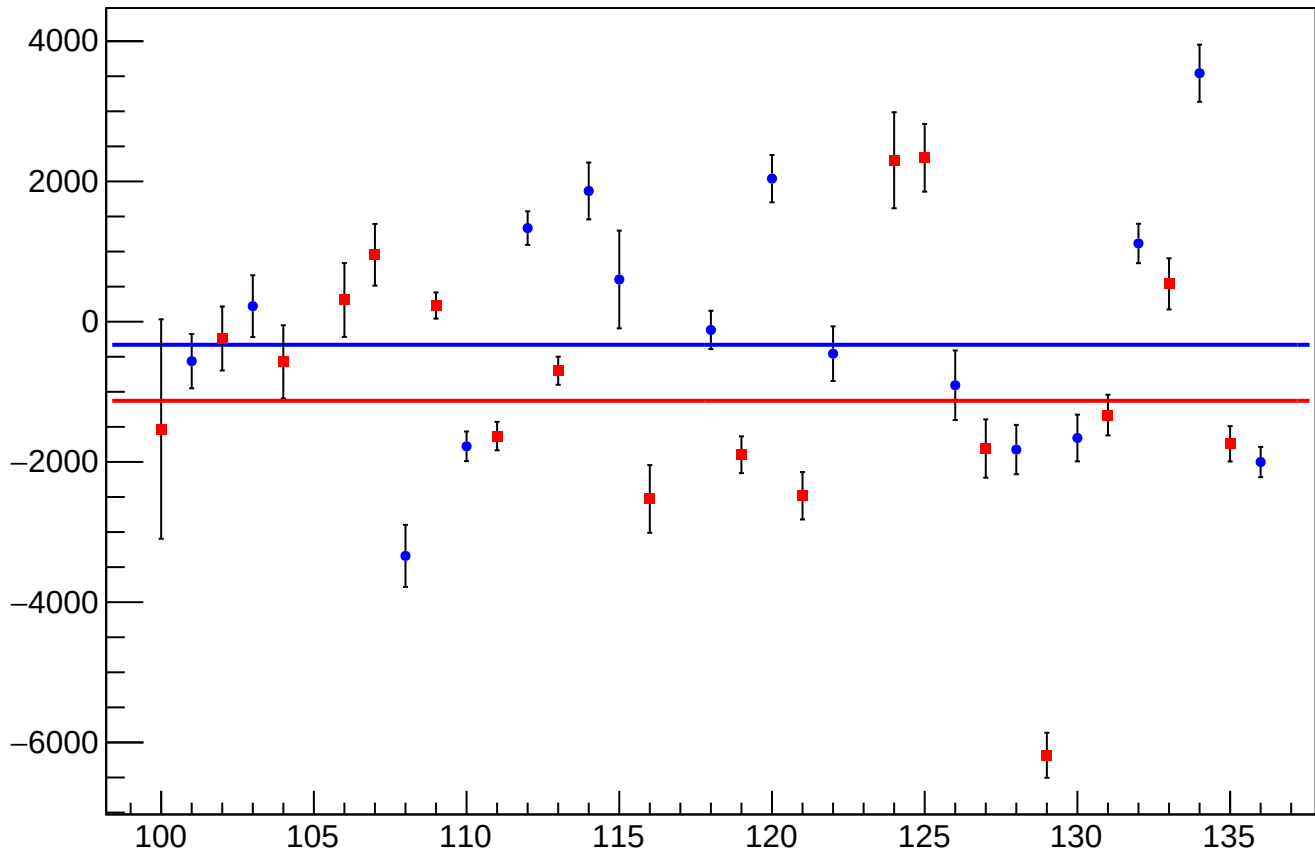
Right: 192.180+/-0.038 χ^2/NDF : 2381276.2/33

In: 201.714+/-0.056 χ^2/NDF : 924210.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.180+/-0.038 χ^2/NDF : 2381276.2/33

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: -1127.866 ± 74.482 χ^2/NDF : 486.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

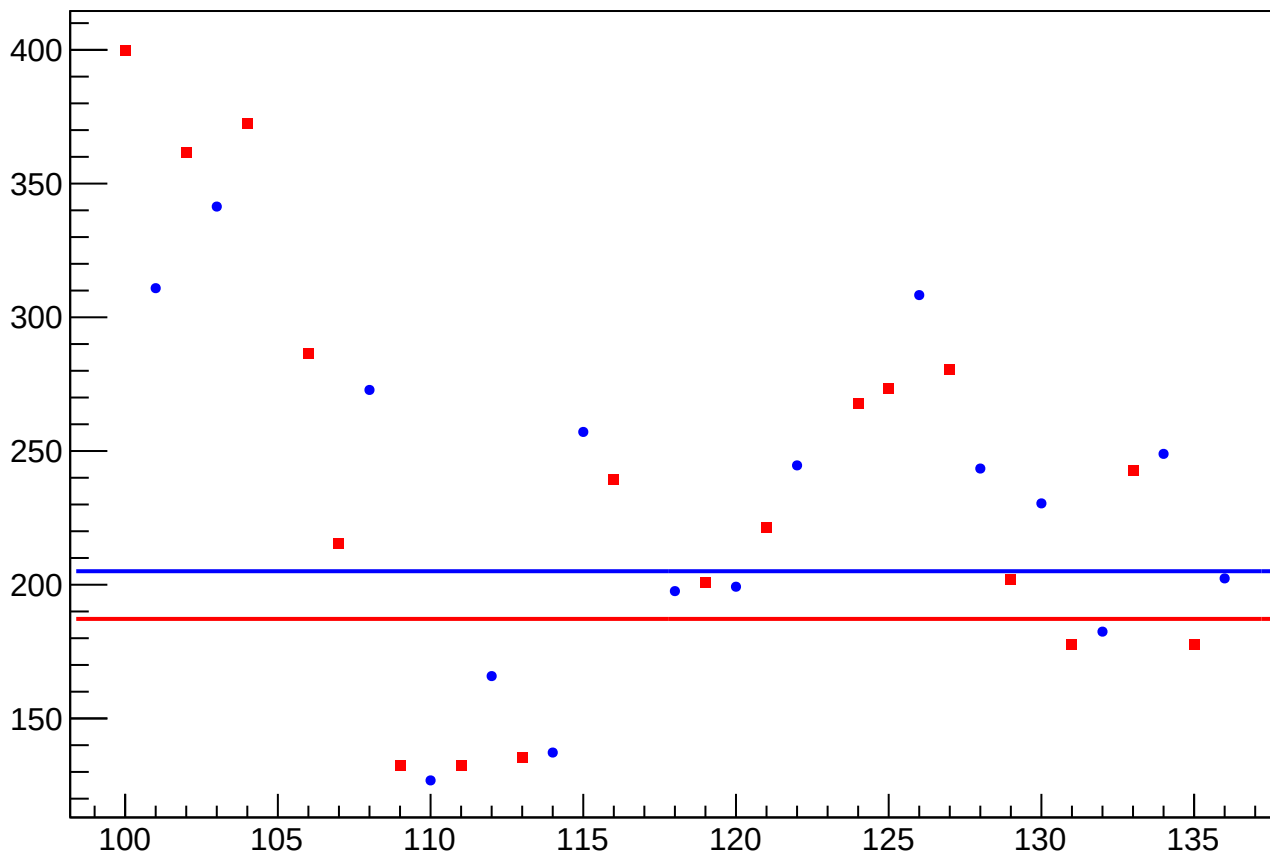
Right: -758.926 ± 54.629 χ^2/NDF : 975.8/33

In: -329.377 ± 80.367 χ^2/NDF : 436.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -758.926 ± 54.629 χ^2/NDF : 975.8/33

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: 187.218+/-0.053 χ^2/NDF : 1410228.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

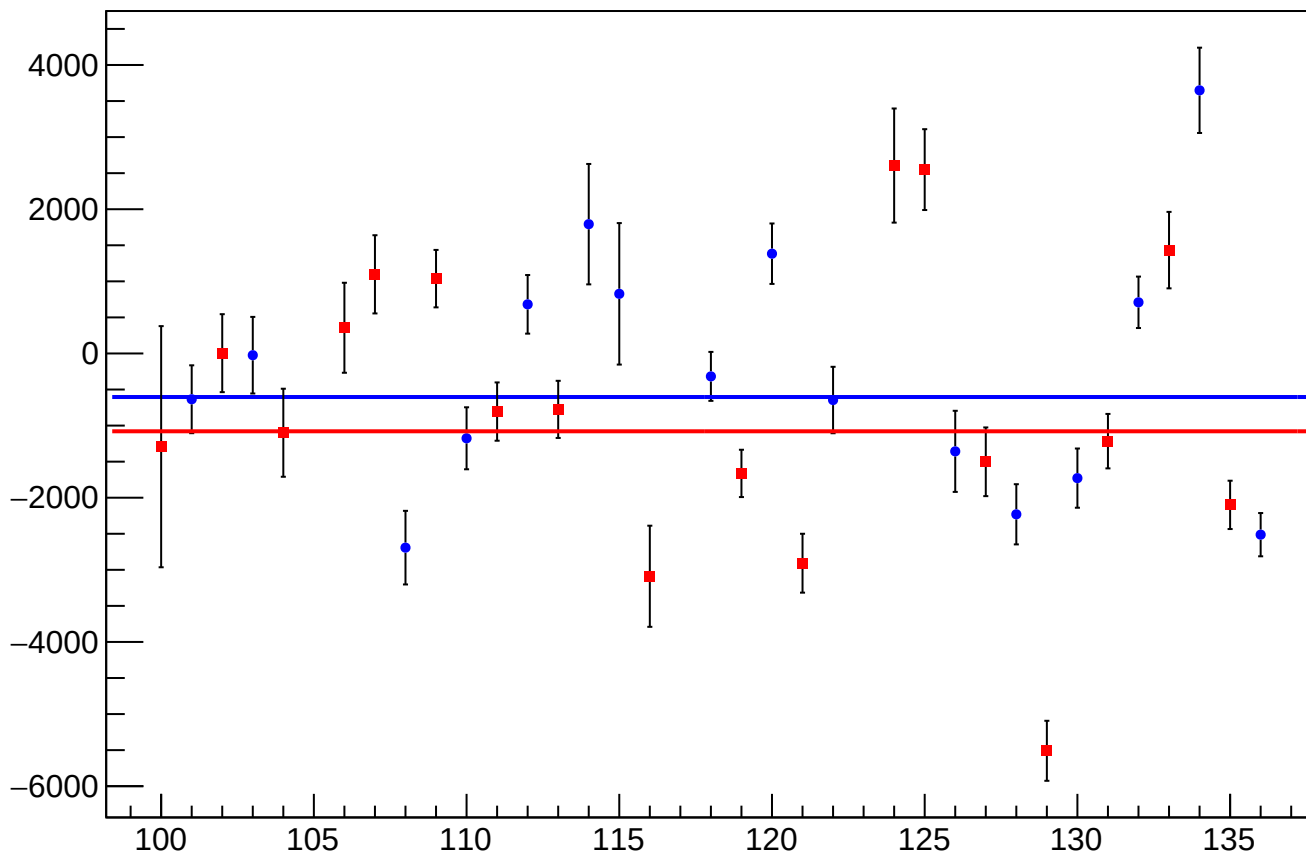
Right: 195.458+/-0.039 χ^2/NDF : 2426269.2/33

In: 205.053+/-0.057 χ^2/NDF : 963052.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.458+/-0.039 χ^2/NDF : 2426269.2/33

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: -1079.079 ± 109.758 χ^2/NDF : 295.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

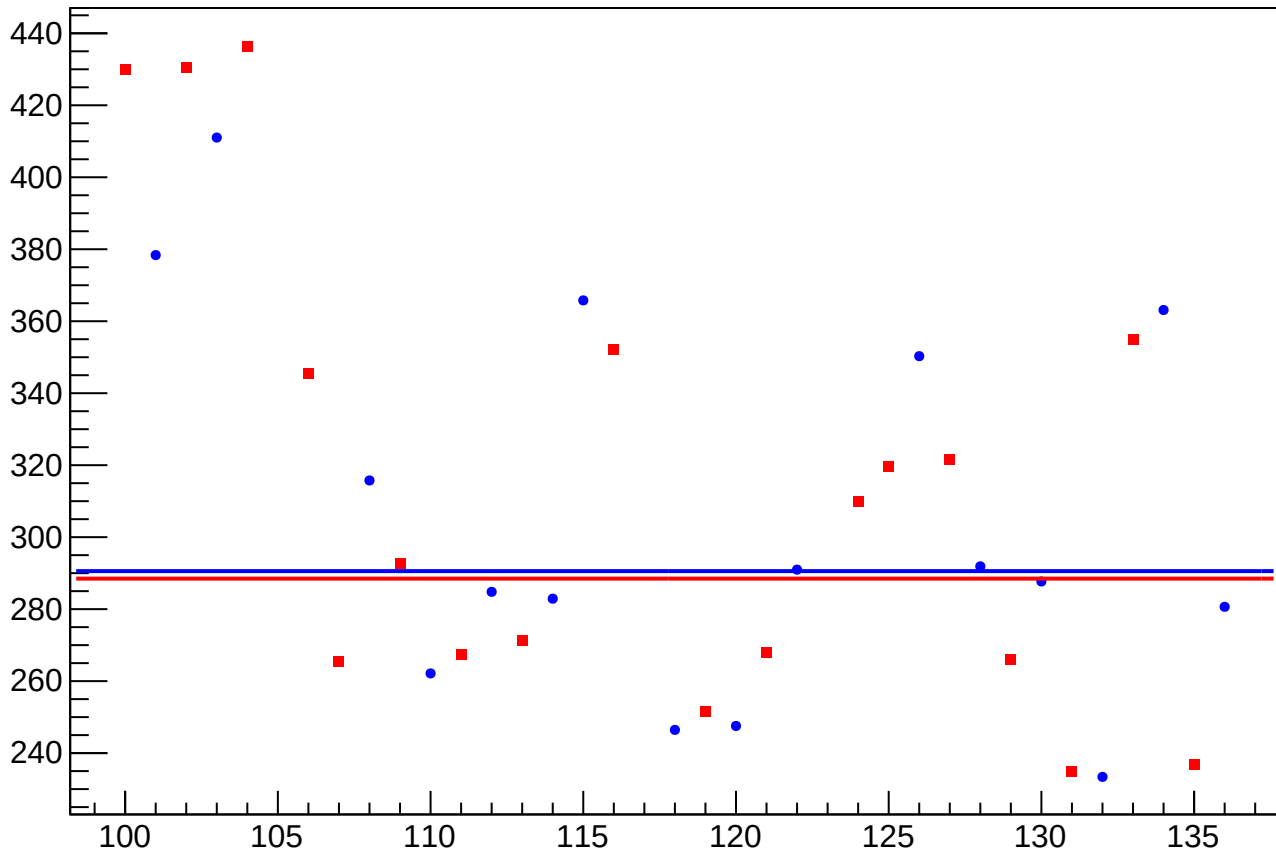
Right: -843.481 ± 77.939 χ^2/NDF : 498.7/33

In: -603.855 ± 110.693 χ^2/NDF : 193.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -843.481 ± 77.939 χ^2/NDF : 498.7/33

asym_bpm0r03WS_rms vs Slug, Sign Corrected



Right In: 290.566 $\pm$ 0.078 χ^2 /NDF: 359807.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 288.484 $\pm$ 0.078 χ^2 /NDF: 488845.2/17

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

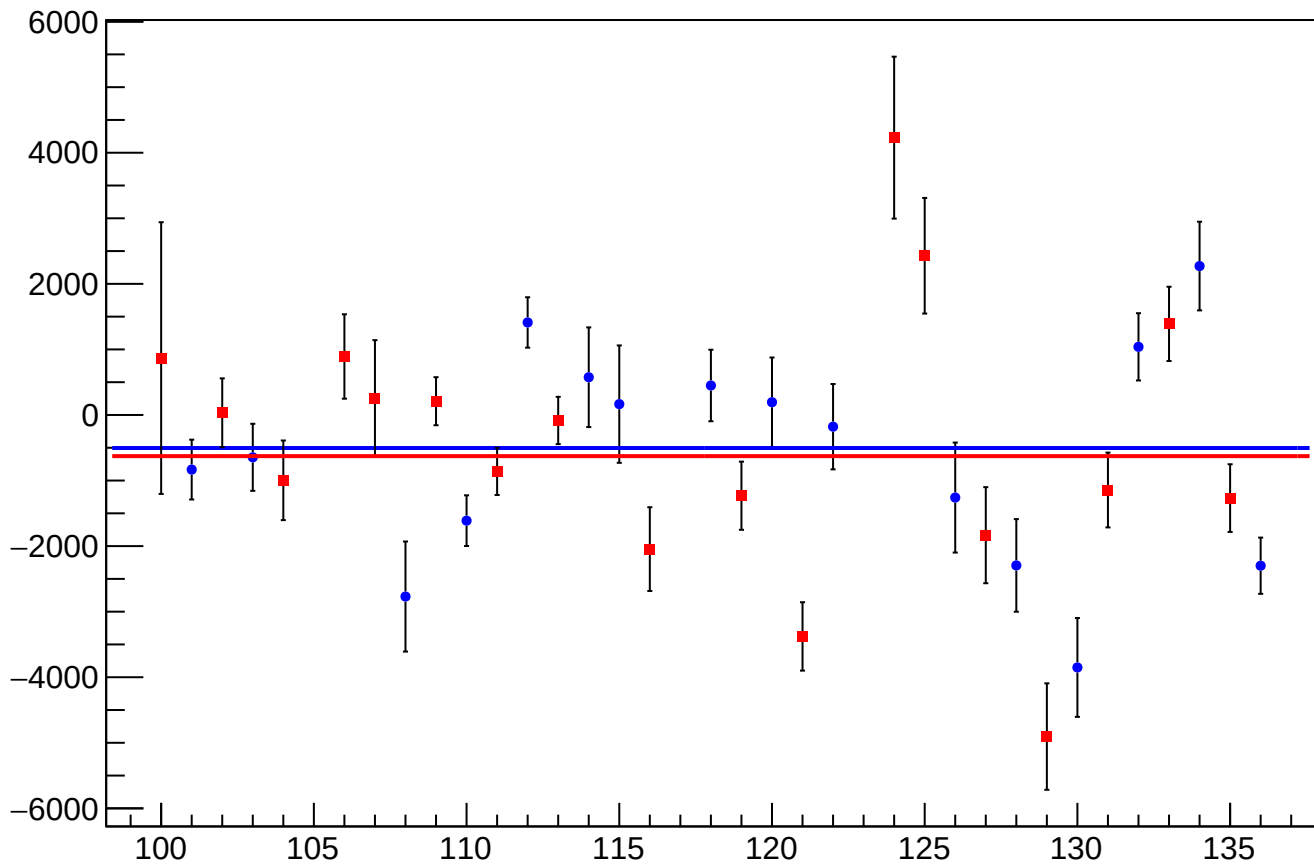
Right: 289.516 $\pm$ 0.055 χ^2 /NDF: 849009.1/33

In: 290.566 $\pm$ 0.078 χ^2 /NDF:359807.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 289.516 $\pm$ 0.055 χ^2 /NDF: 849009.1/33

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: -627.631+/-131.070 χ^2/NDF : 124.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

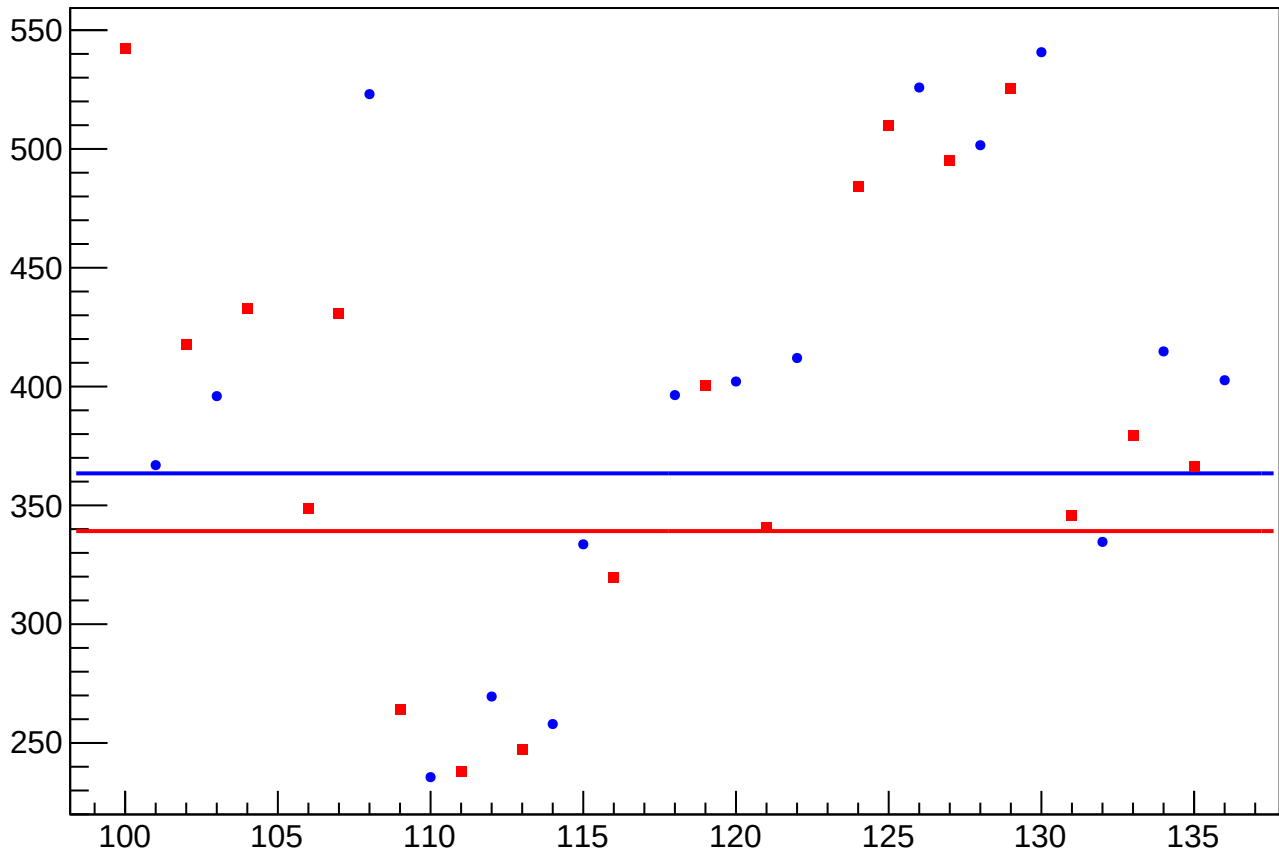
Right: -569.758+/-95.700 χ^2/NDF : 242.7/33

In: -503.675+/-140.058 χ^2/NDF : 118.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -569.758+/-95.700 χ^2/NDF : 242.7/33

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: 339.178 ± 0.093 χ^2/NDF : 849238.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

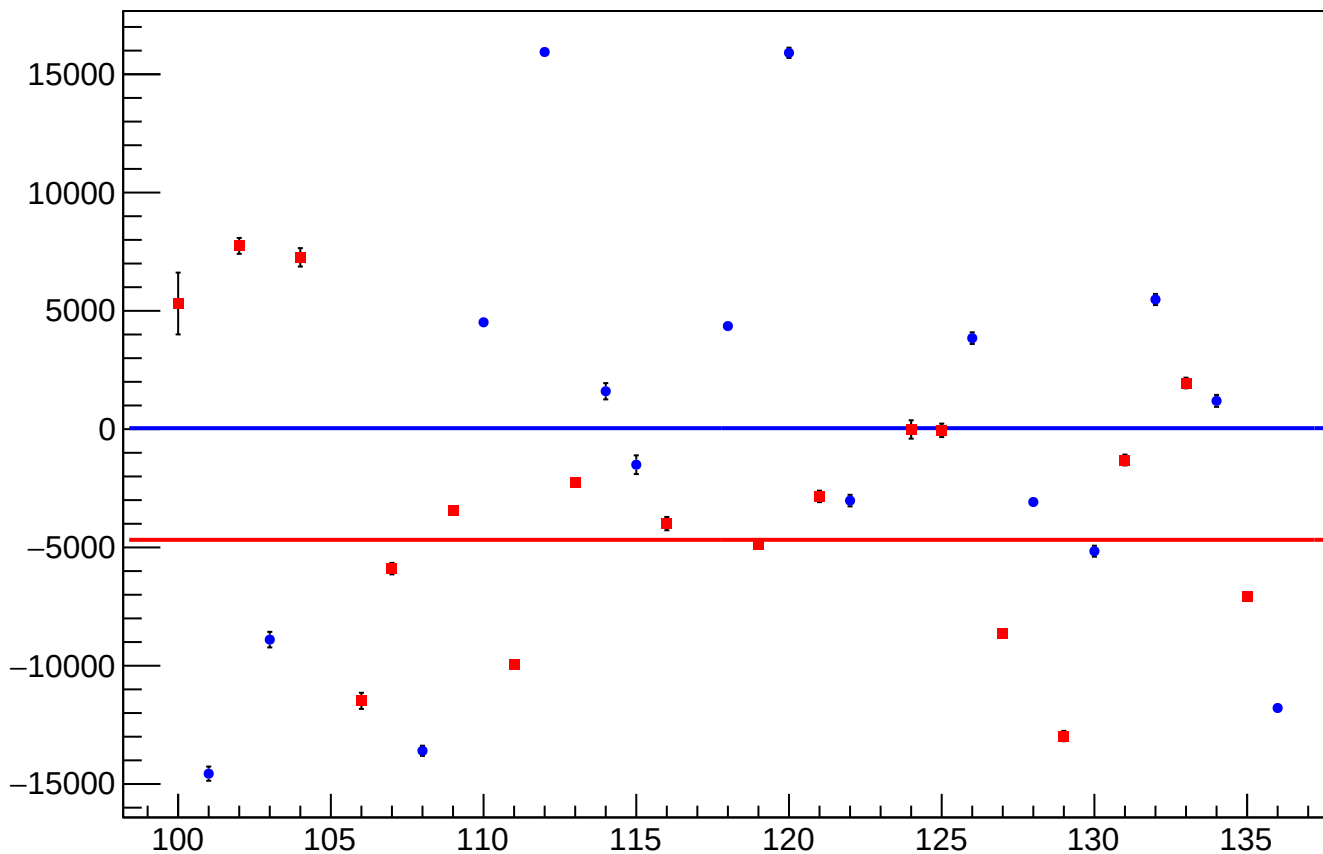
Right: 350.520 ± 0.068 χ^2/NDF : 1662208.7/33

In: 363.471 ± 0.099 χ^2/NDF : 780893.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 350.520 ± 0.068 χ^2/NDF : 1662208.7/33

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: -4678.174+/-52.721 χ^2/NDF : 7793.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

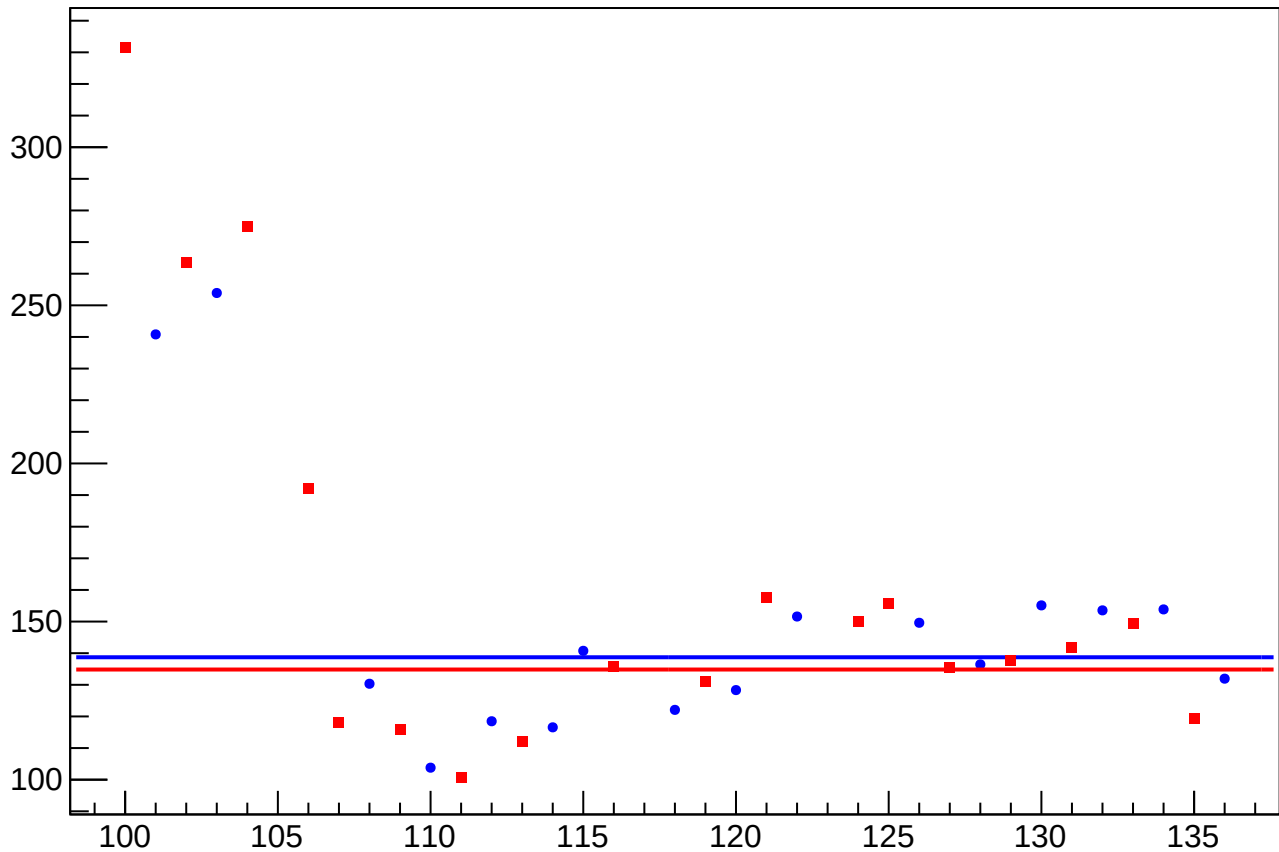
Right: -2383.821+/-37.791 χ^2/NDF : 42475.3/33

In: 40.915+/-54.199 χ^2/NDF : 30786.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2383.821+/-37.791 χ^2/NDF : 42475.3/33

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: 134.834 $\pm$ 0.037 χ^2 /NDF: 884884.1/17

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

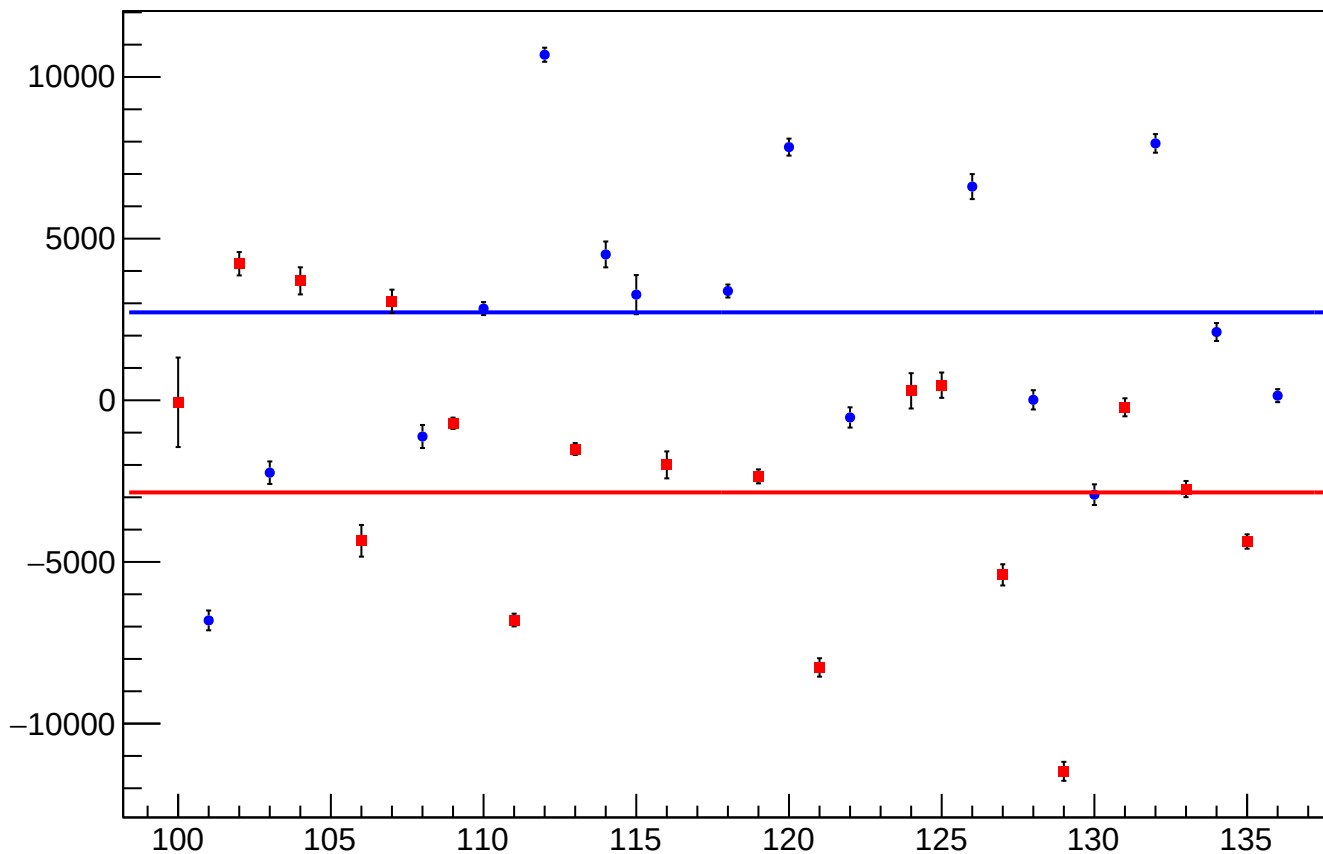
Right: 136.720 $\pm$ 0.027 χ^2 /NDF: 1547935.3/33

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: 136.720 $\pm$ 0.027 χ^2 /NDF: 1547935.3/33

asym_bpm0i02aWS_mean vs Slug, Sign Corrected



Right In: 2719.896 $\pm$ 69.247 χ^2 /NDF: 4129.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2849.657 $\pm$ 65.545 χ^2 /NDF: 3055.3/17

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

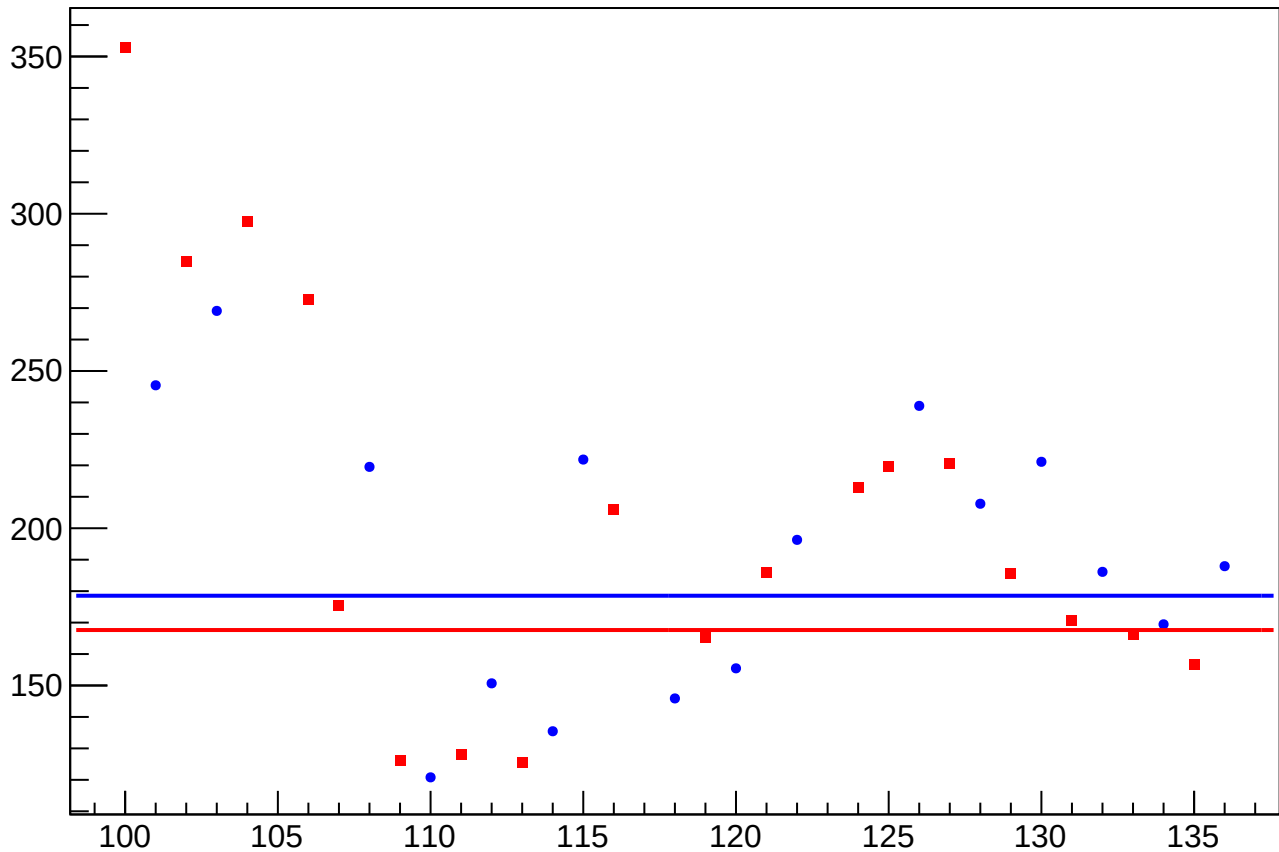
Right: -217.722 $\pm$ 47.602 χ^2 /NDF: 10596.6/33

In: 2719.896 $\pm$ 69.247 χ^2 /NDF:4129.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -217.722 $\pm$ 47.602 χ^2 /NDF: 10596.6/33

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: 167.634 ± 0.046 χ^2/NDF : 968650.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

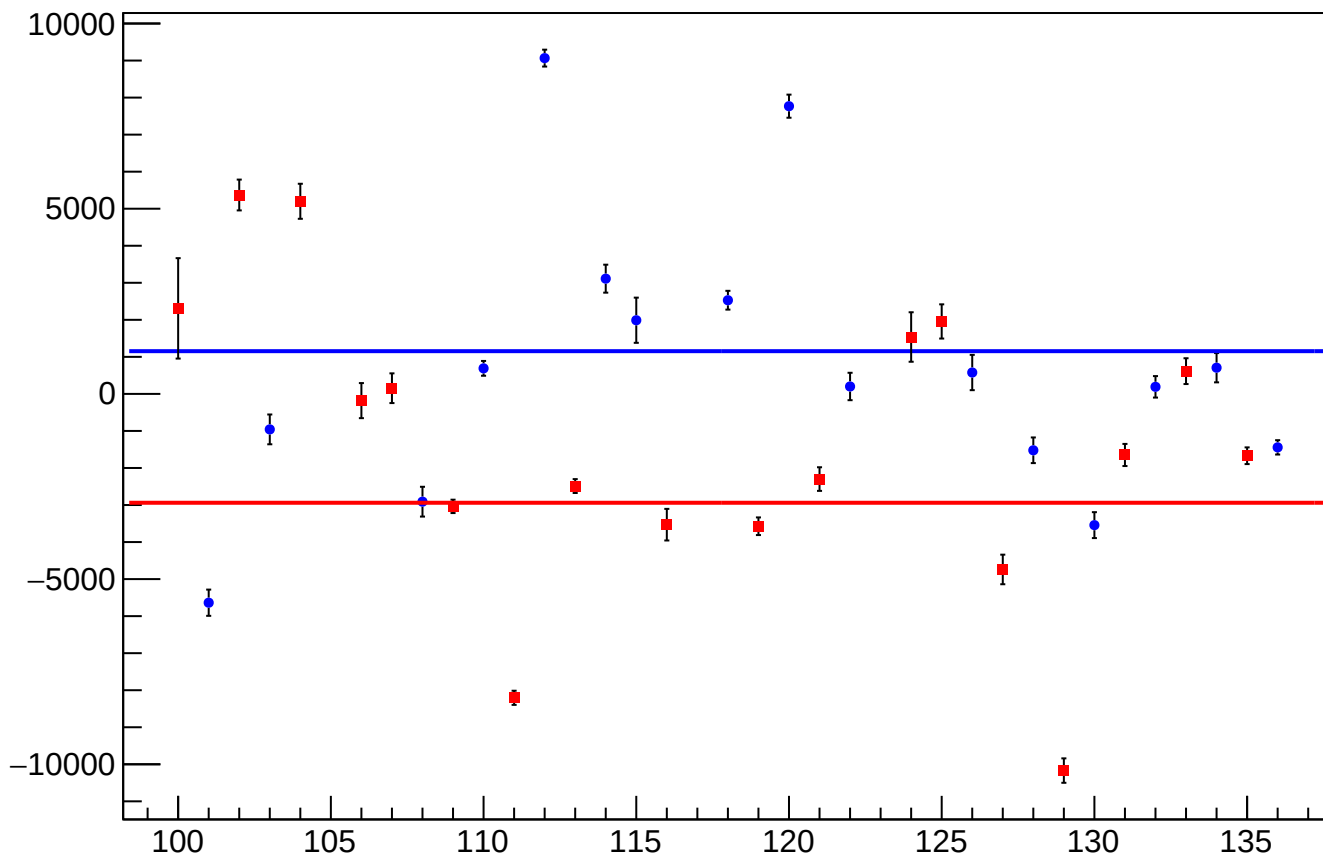
Right: 172.788 ± 0.034 χ^2/NDF : 1669387.3/33

In: 178.541 ± 0.049 χ^2/NDF : 674566.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 172.788 ± 0.034 χ^2/NDF : 1669387.3/33

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: -2939.006+/-70.268 χ^2/NDF : 2395.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

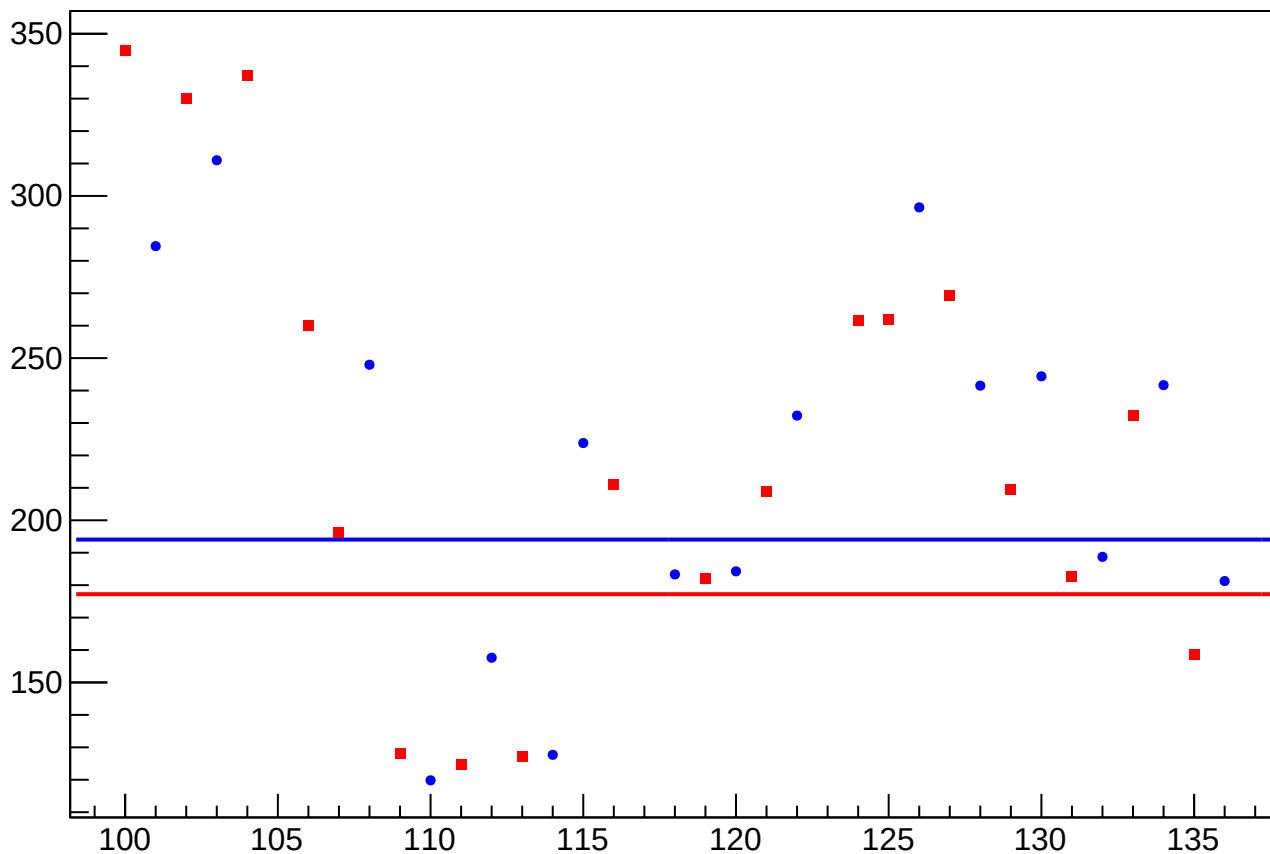
Right: -1051.585+/-51.581 χ^2/NDF : 6615.5/33

In: 1153.823+/-75.957 χ^2/NDF :2655.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1051.585+/-51.581 χ^2/NDF : 6615.5/33

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: 177.217 ± 0.050 χ^2/NDF : 1359214.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

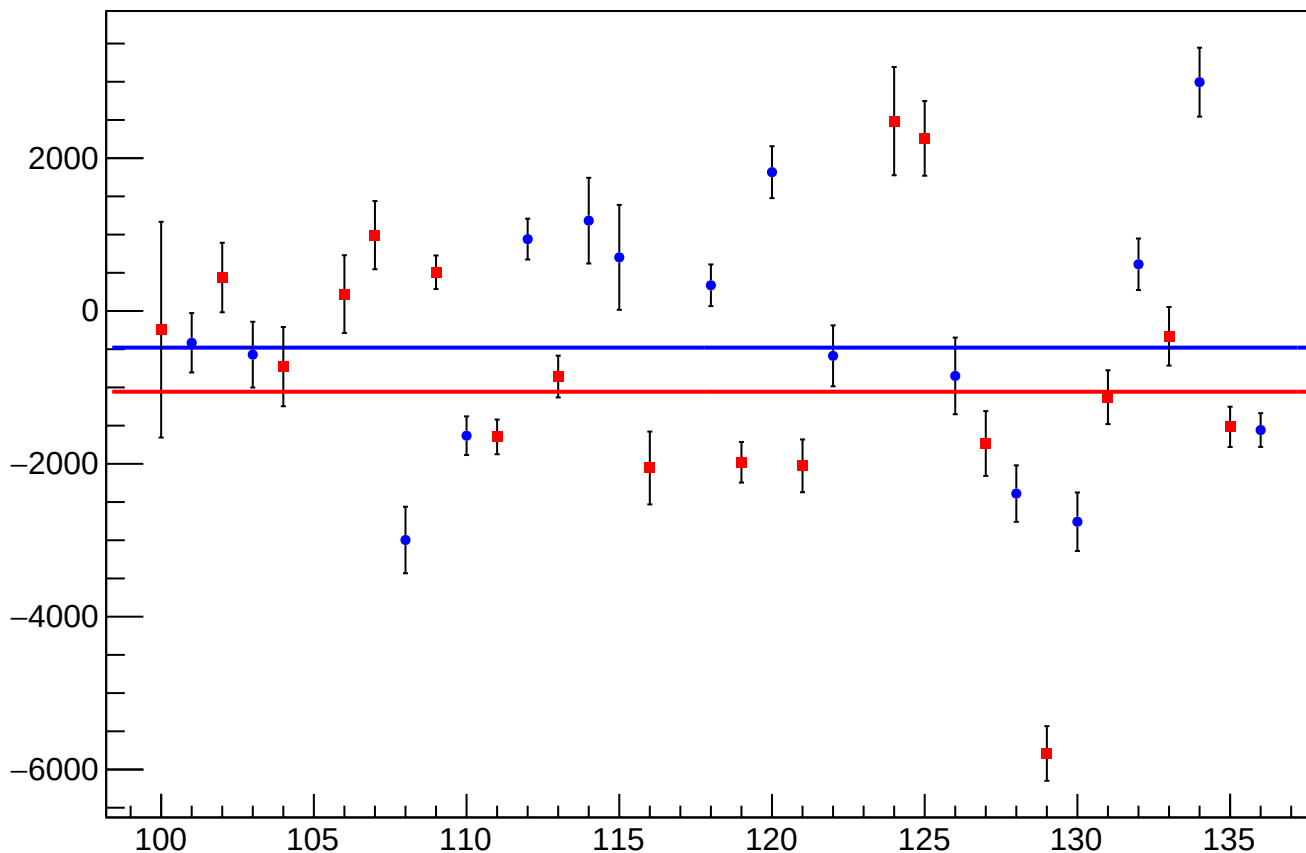
Right: 184.981 ± 0.036 χ^2/NDF : 2377948.8/33

In: 194.053 ± 0.054 χ^2/NDF : 965786.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 184.981 ± 0.036 χ^2/NDF : 2377948.8/33

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: -1056.345+/-82.410 χ^2/NDF : 376.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

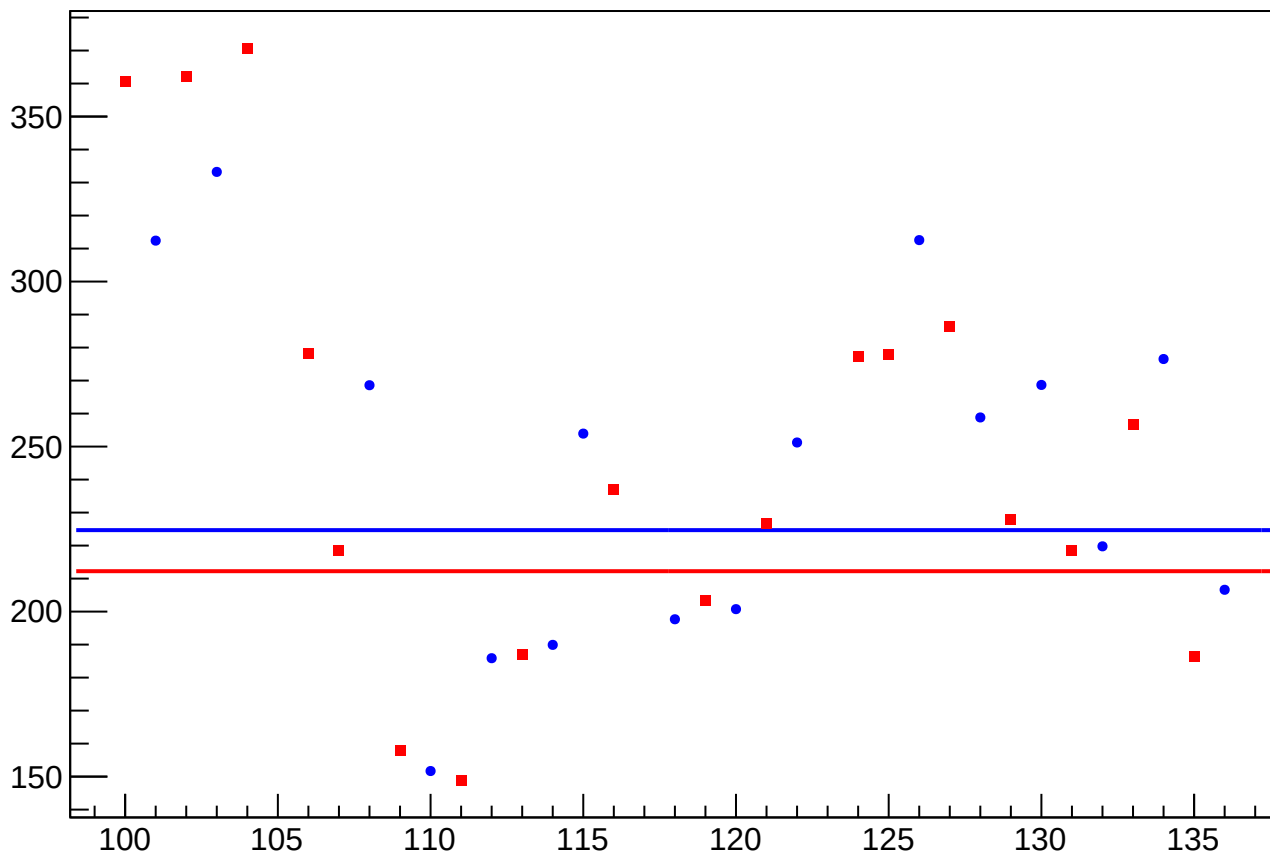
Right: -782.402+/-59.727 χ^2/NDF : 705.3/33

In: -479.302+/-86.685 χ^2/NDF :305.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -782.402+/-59.727 χ^2/NDF : 705.3/33

asym_bpm0i07WS_rms vs Slug, Sign Corrected



Right In: 224.683 $\pm$ 0.061 χ^2/NDF : 653193.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 212.241 $\pm$ 0.058 χ^2/NDF : 929410.8/17

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

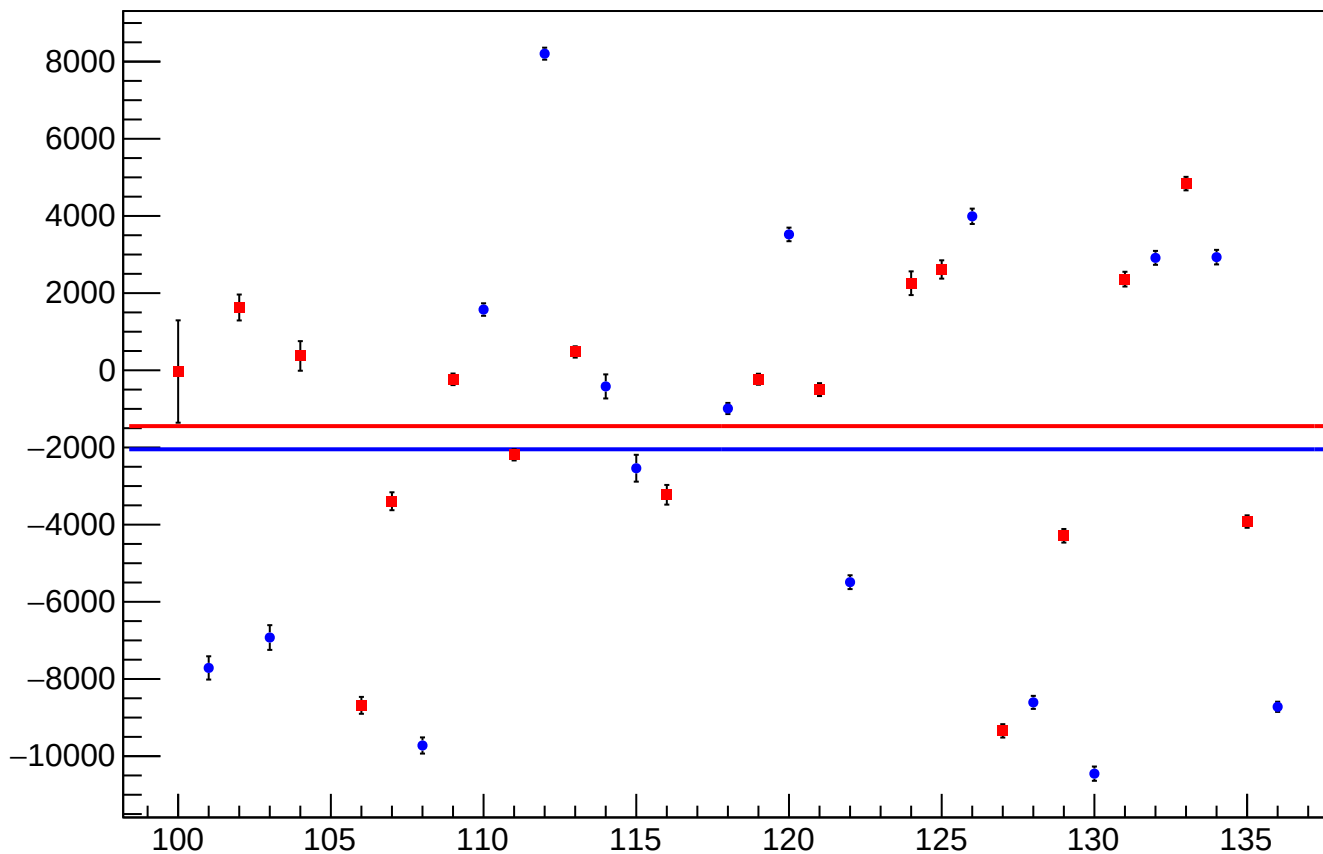
Right: 218.148 $\pm$ 0.042 χ^2/NDF : 1604244.1/33

In: 224.683 $\pm$ 0.061 χ^2/NDF :653193.4/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 218.148 $\pm$ 0.042 χ^2/NDF : 1604244.1/33

asym_bpm1i02WS_mean vs Slug, Sign Corrected



Right In: -2047.267 ± 46.722 χ^2/NDF : 16709.1/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1446.554 ± 45.331 χ^2/NDF : 6384.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

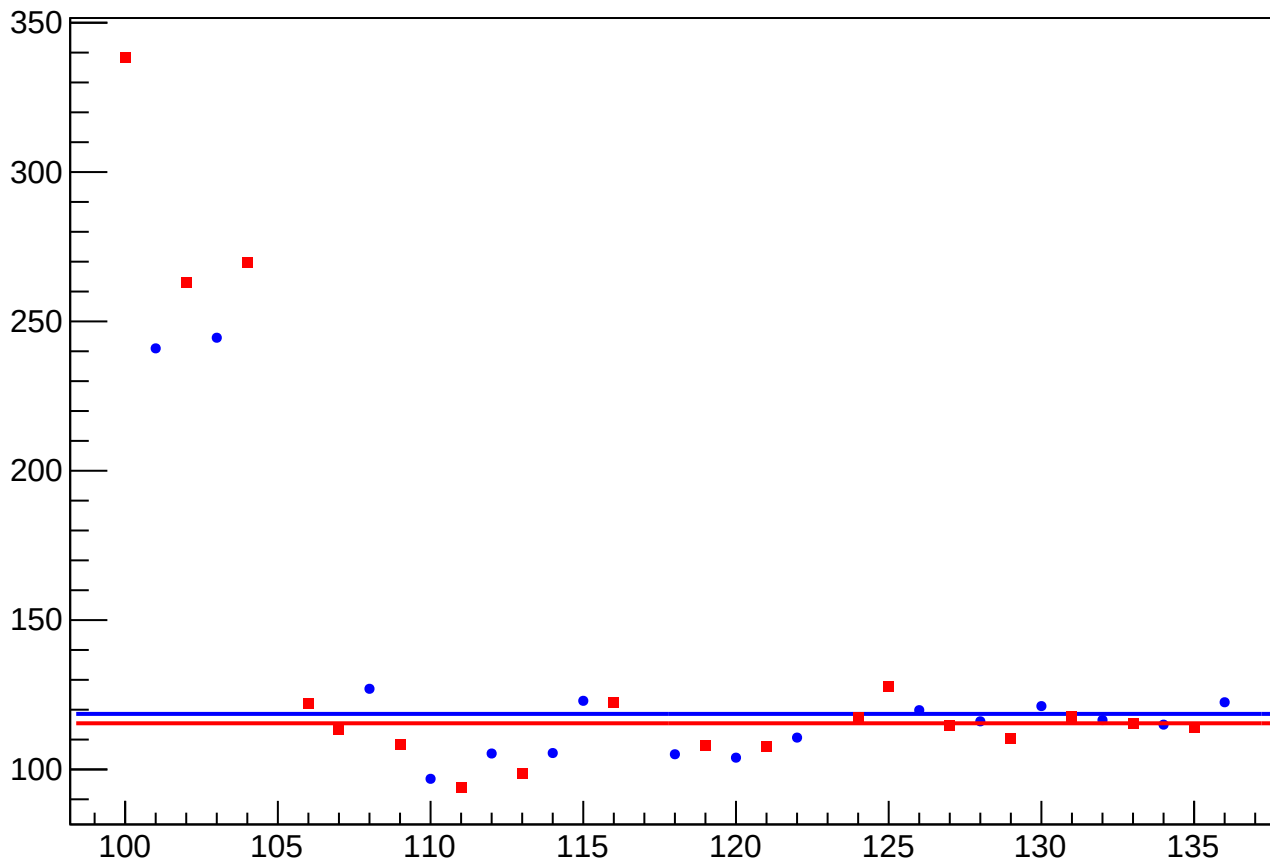
Right: -1737.836 ± 32.534 χ^2/NDF : 23178.6/33

In: -2047.267 ± 46.722 χ^2/NDF : 16709.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1737.836 ± 32.534 χ^2/NDF : 23178.6/33

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: 115.453 ± 0.032 χ^2/NDF : 862632.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

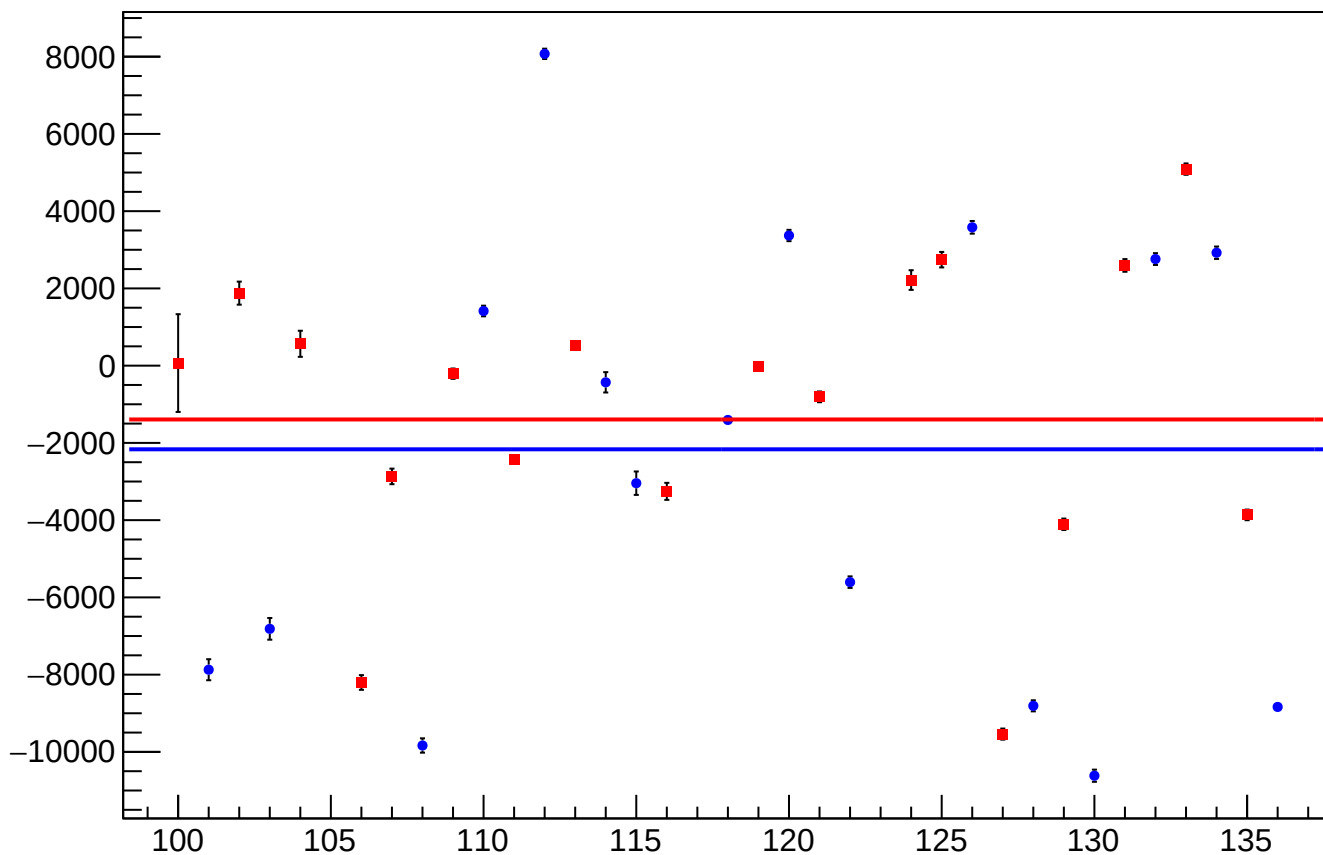
Right: 116.977 ± 0.023 χ^2/NDF : 1601452.9/33

In: 118.596 ± 0.033 χ^2/NDF : 734158.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 116.977 ± 0.023 χ^2/NDF : 1601452.9/33

asym_bpm1i04WS_mean vs Slug, Sign Corrected



Right In: -2165.877 ± 39.632 $\chi^2/\text{NDF}: 22874.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1393.201 ± 38.490 $\chi^2/\text{NDF}: 9146.0/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

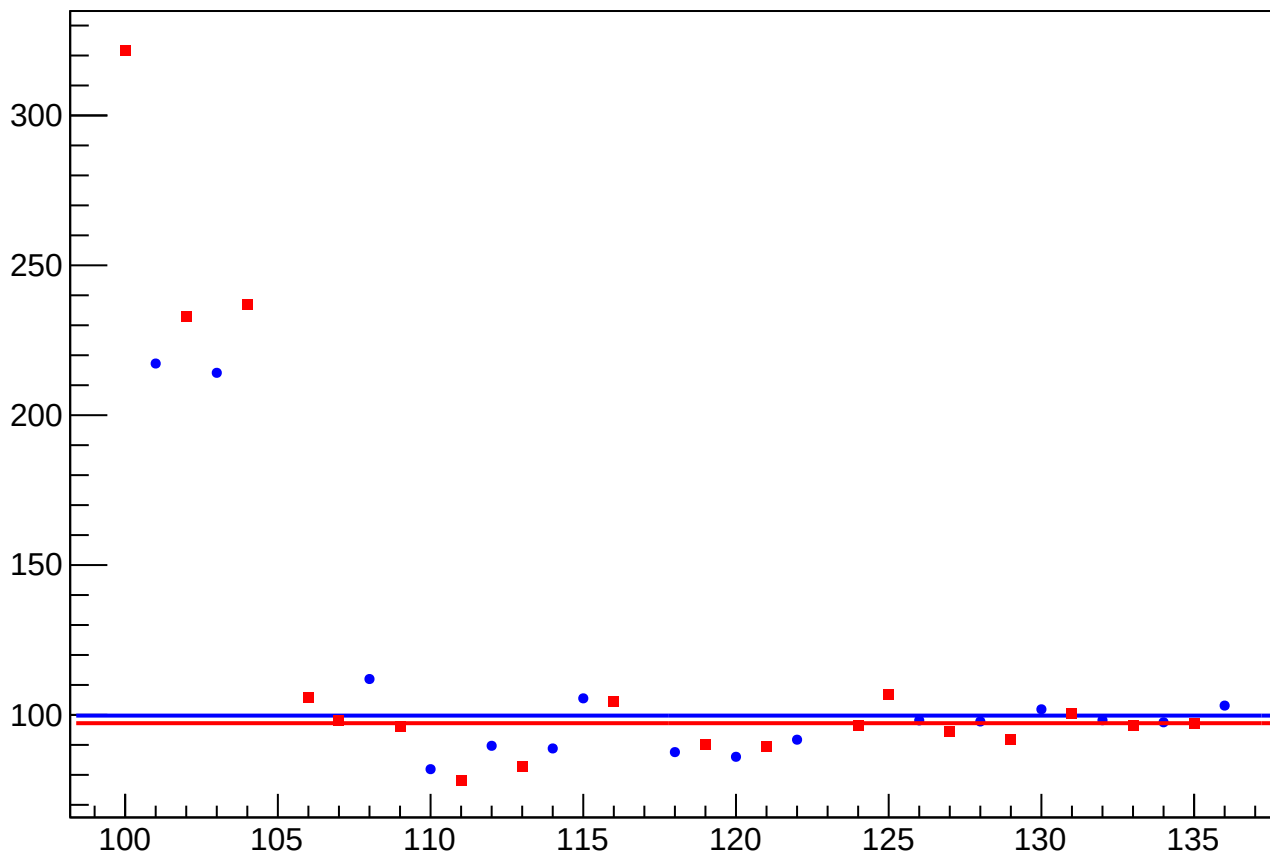
Right: -1768.245 ± 27.611 $\chi^2/\text{NDF}: 32216.4/33$

In: -2165.877 ± 39.632 $\chi^2/\text{NDF}: 22874.8/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1768.245 ± 27.611 $\chi^2/\text{NDF}: 32216.4/33$

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: 97.242+/-0.027 χ^2/NDF : 924295.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

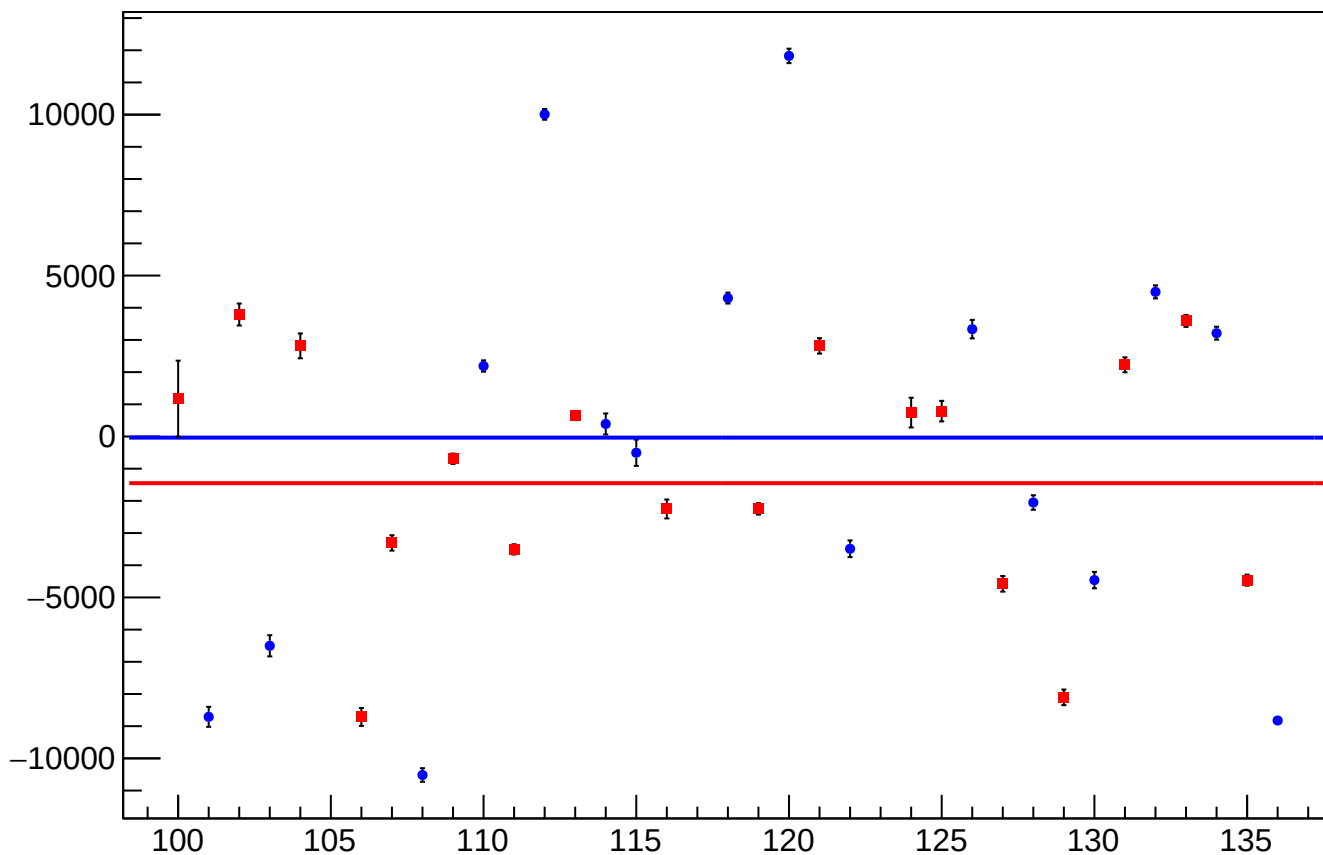
Right: 98.471+/-0.020 χ^2/NDF : 1737651.7/33

In: 99.775+/-0.028 χ^2/NDF :809152.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 98.471+/-0.020 χ^2/NDF : 1737651.7/33

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: -1450.180 ± 52.936 χ^2/NDF : 4116.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

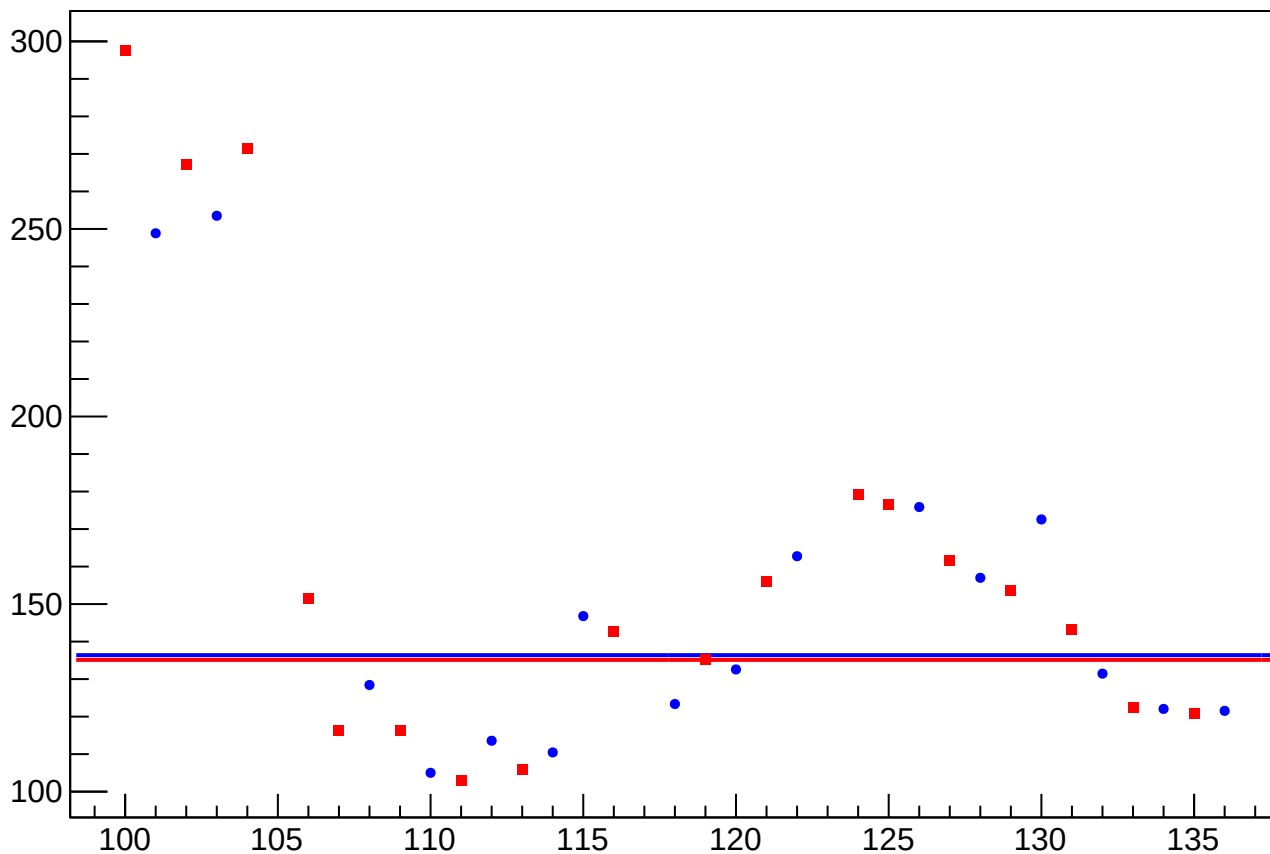
Right: -749.466 ± 37.617 χ^2/NDF : 21273.4/33

In: -34.667 ± 53.465 χ^2/NDF : 16802.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -749.466 ± 37.617 χ^2/NDF : 21273.4/33

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: 135.123+/-0.037 χ^2/NDF : 914302.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

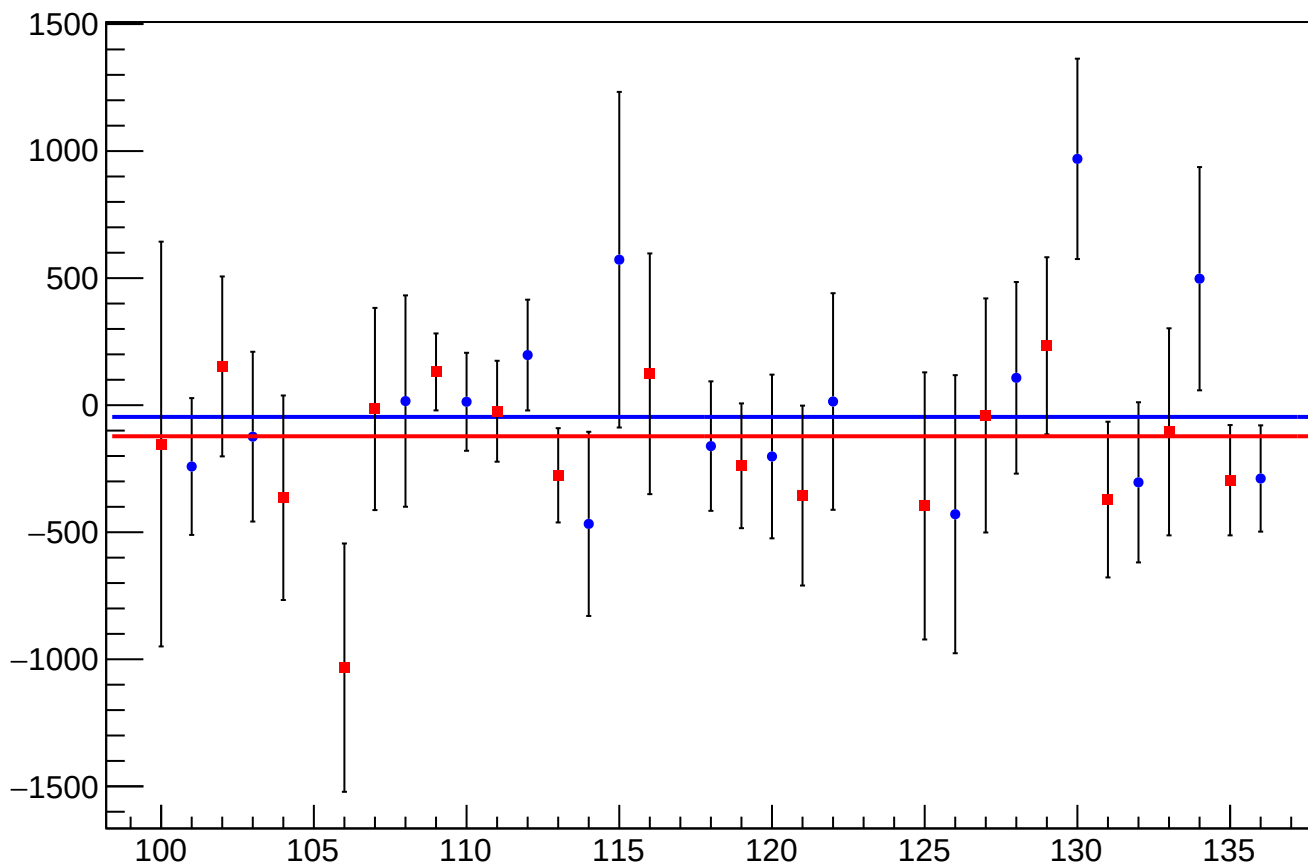
Right: 135.747+/-0.027 χ^2/NDF : 1711718.9/33

In: 136.383+/-0.038 χ^2/NDF : 796855.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.747+/-0.027 χ^2/NDF : 1711718.9/33

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: -122.307 ± 69.379 χ^2/NDF : 11.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

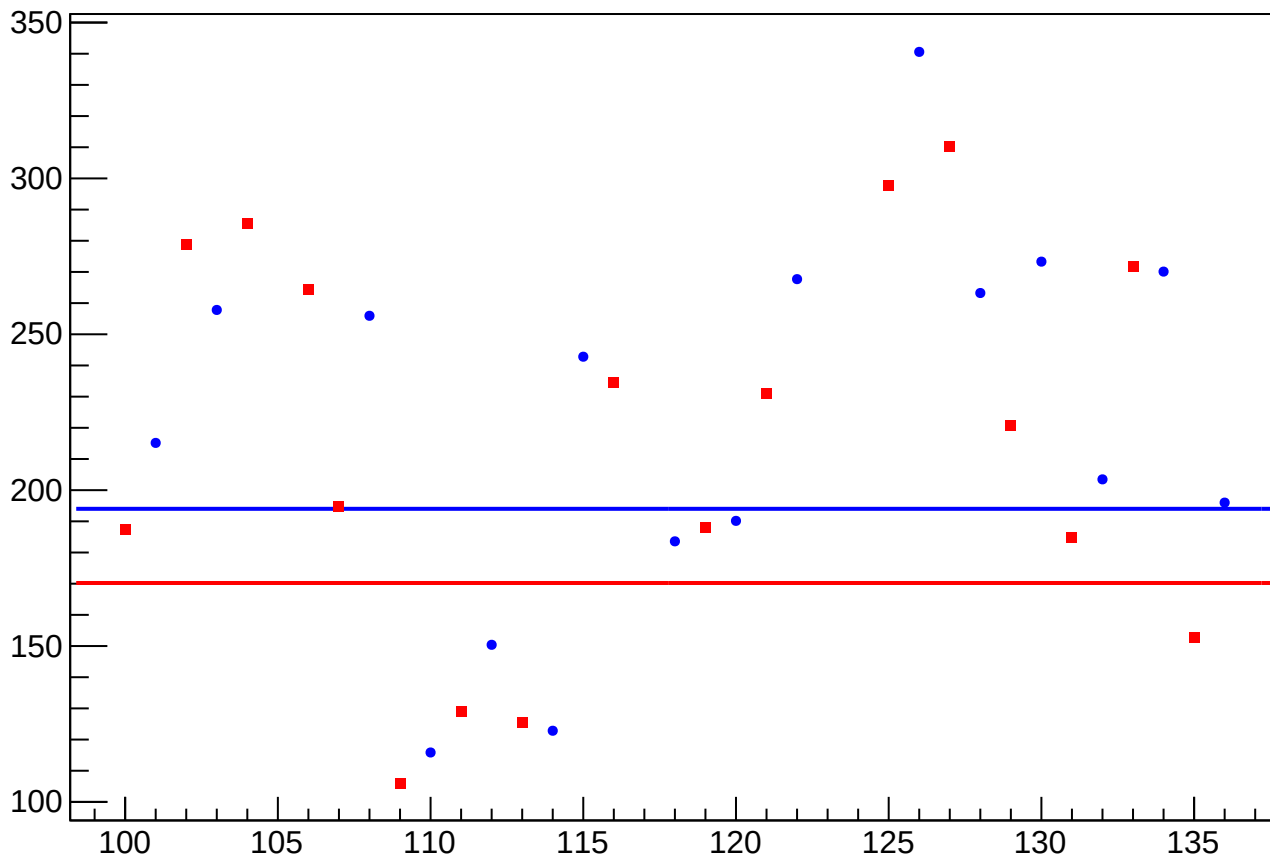
Right: -87.852 ± 51.326 χ^2/NDF : 27.8/32

In: -46.199 ± 76.283 χ^2/NDF : 15.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.852 ± 51.326 χ^2/NDF : 27.8/32

asym_bcm_2an_us_an_ds_avg_rms vs Slug, Sign Corrected



Right In: 194.017+/-0.054 χ^2/NDF : 1043588.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 170.224+/-0.049 χ^2/NDF : 1591329.8/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

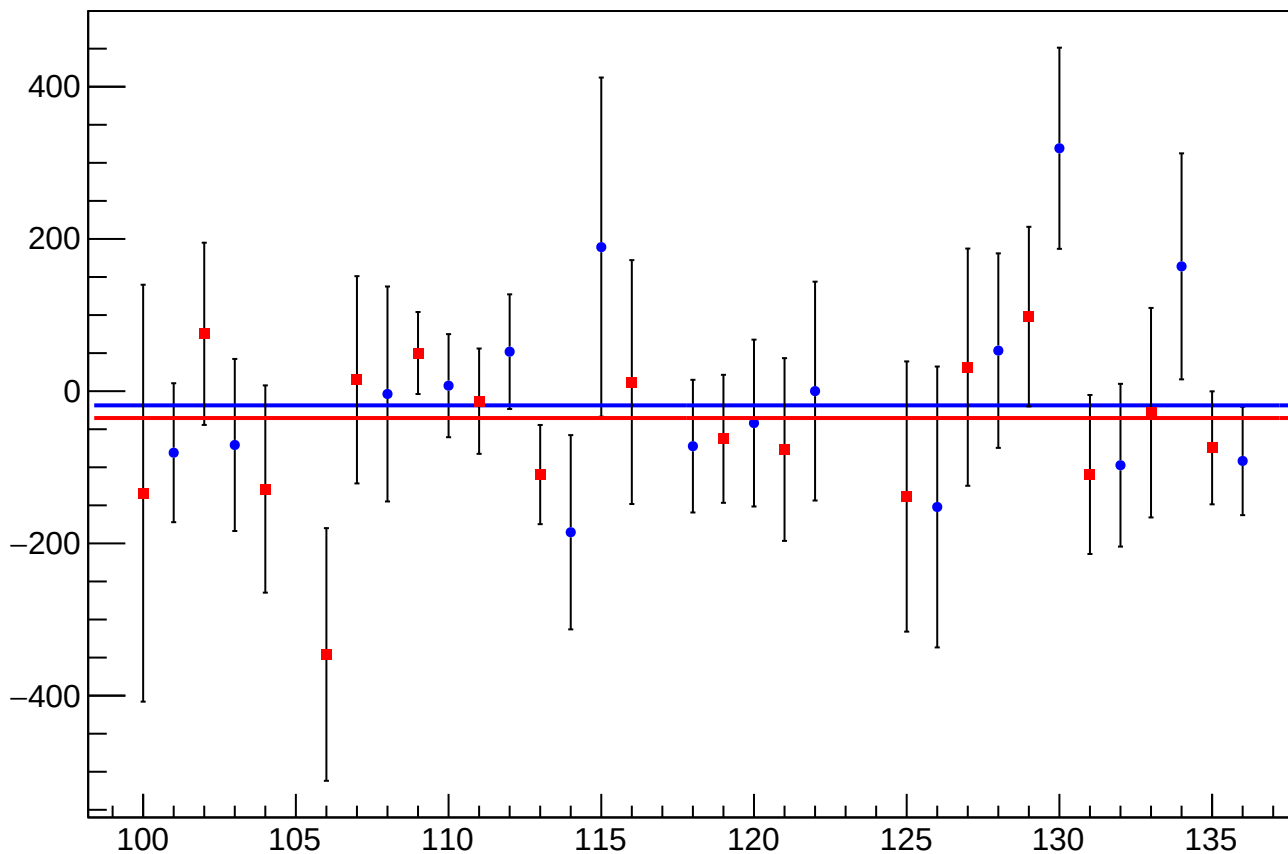
Right: 180.995+/-0.036 χ^2/NDF : 2741407.0/32

In: 194.017+/-0.054 χ^2/NDF :1043588.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.995+/-0.036 χ^2/NDF : 2741407.0/32

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: -35.284 ± 23.995 $\chi^2/\text{NDF}: 11.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

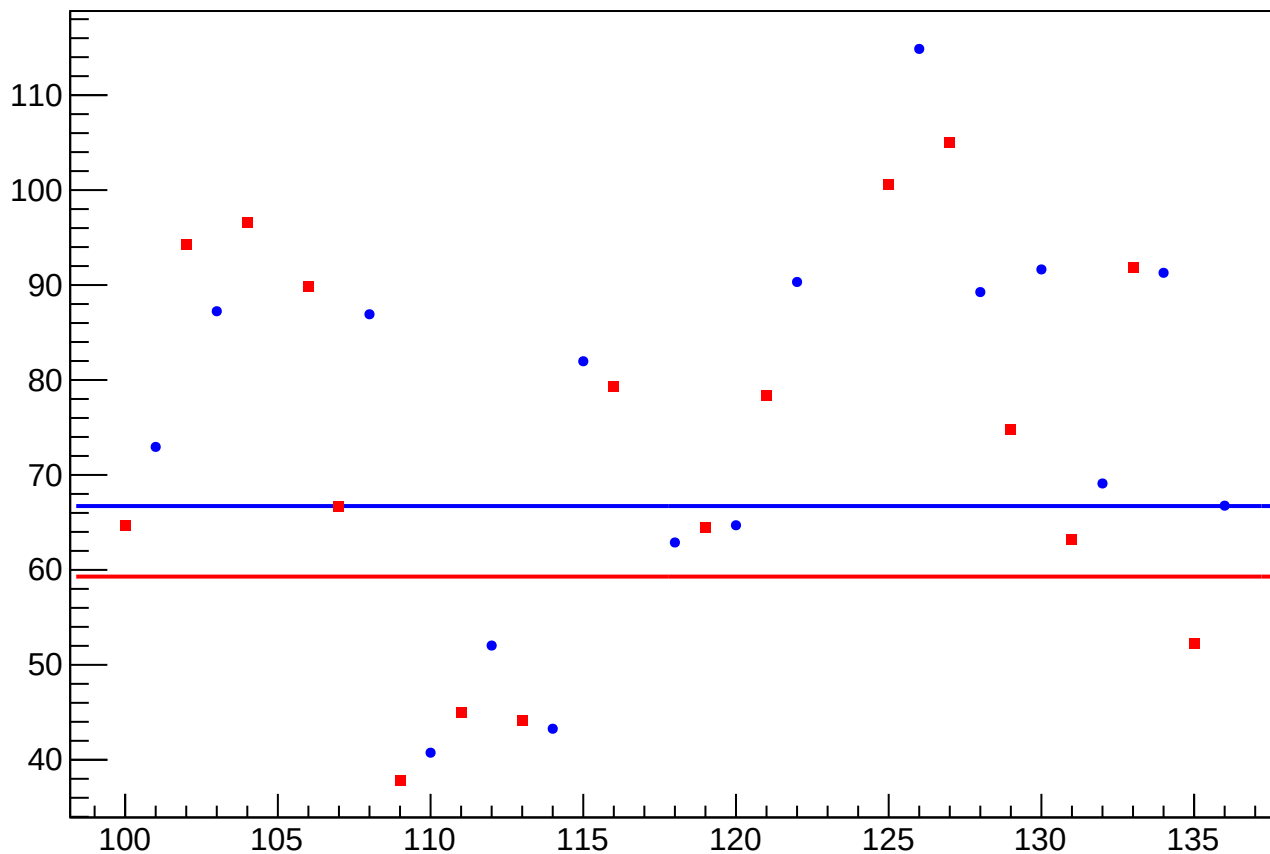
Right: -27.670 ± 17.671 $\chi^2/\text{NDF}: 27.3/32$

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: -27.670 ± 17.671 $\chi^2/\text{NDF}: 27.3/32$

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: 59.295+/-0.017 χ^2/NDF : 1444023.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

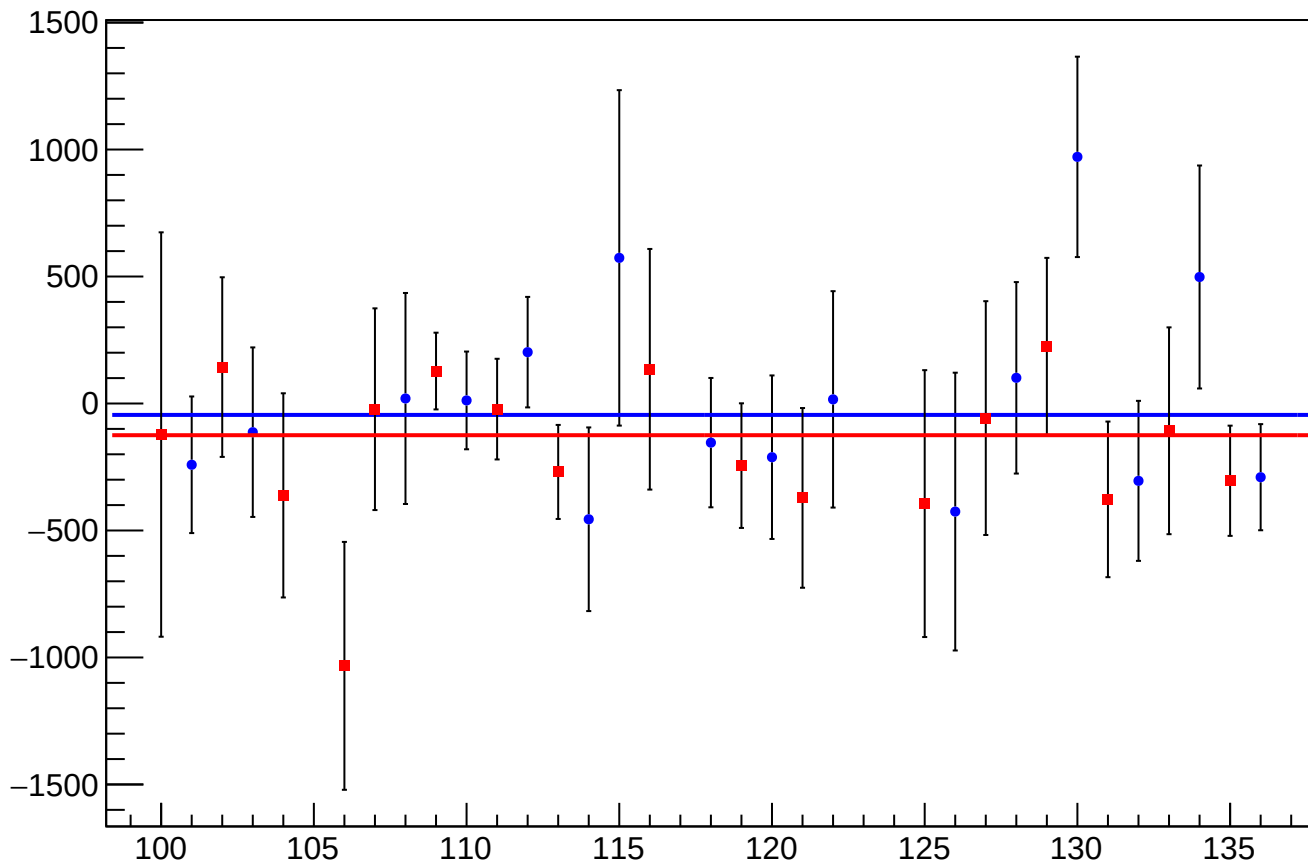
Right: 62.695+/-0.012 χ^2/NDF : 2478790.7/32

In: 66.724+/-0.018 χ^2/NDF : 947040.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.695+/-0.012 χ^2/NDF : 2478790.7/32

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: -124.800 $\pm$ 69.286 χ^2 /NDF: 11.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

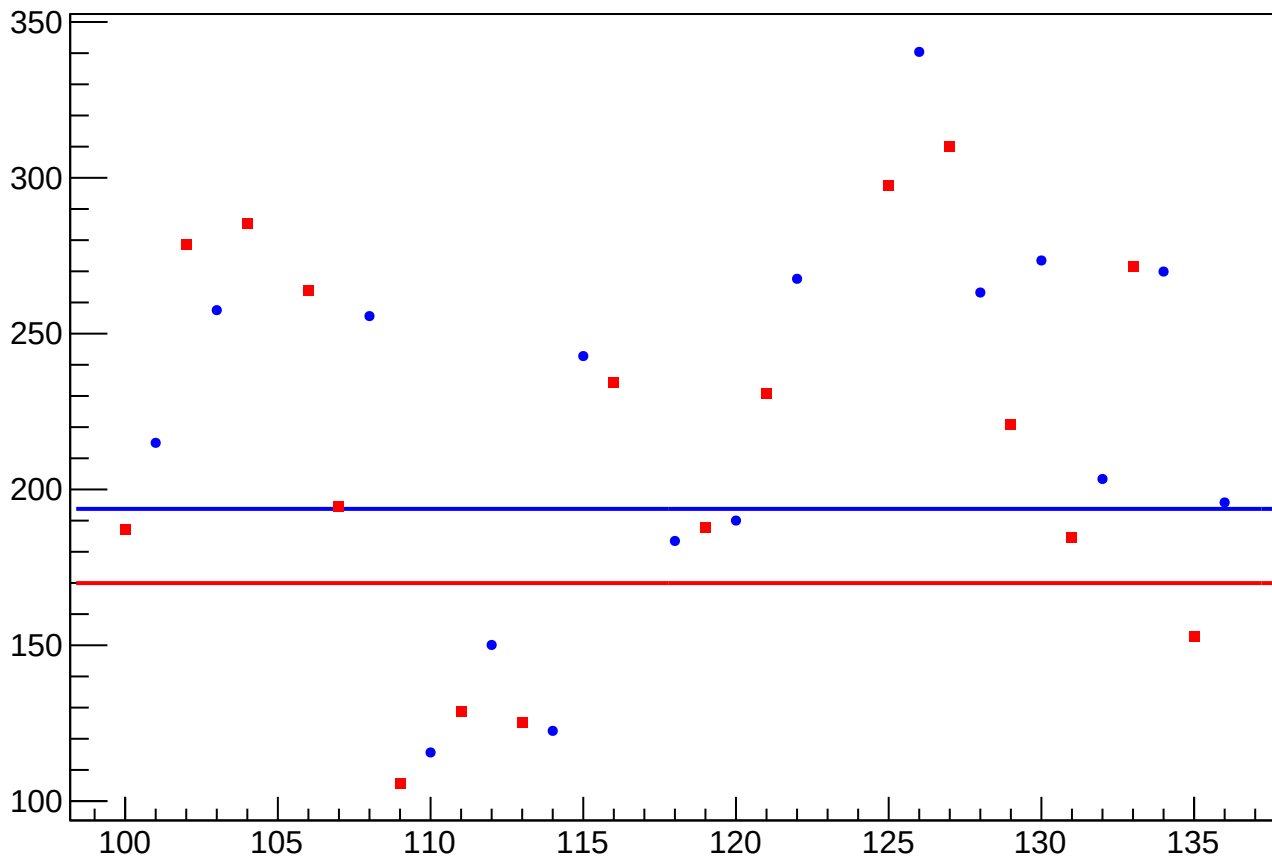
Right: -88.645 $\pm$ 51.262 χ^2 /NDF: 27.9/32

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: -88.645 $\pm$ 51.262 χ^2 /NDF: 27.9/32

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: 169.956+/-0.049 χ^2/NDF : 1596589.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

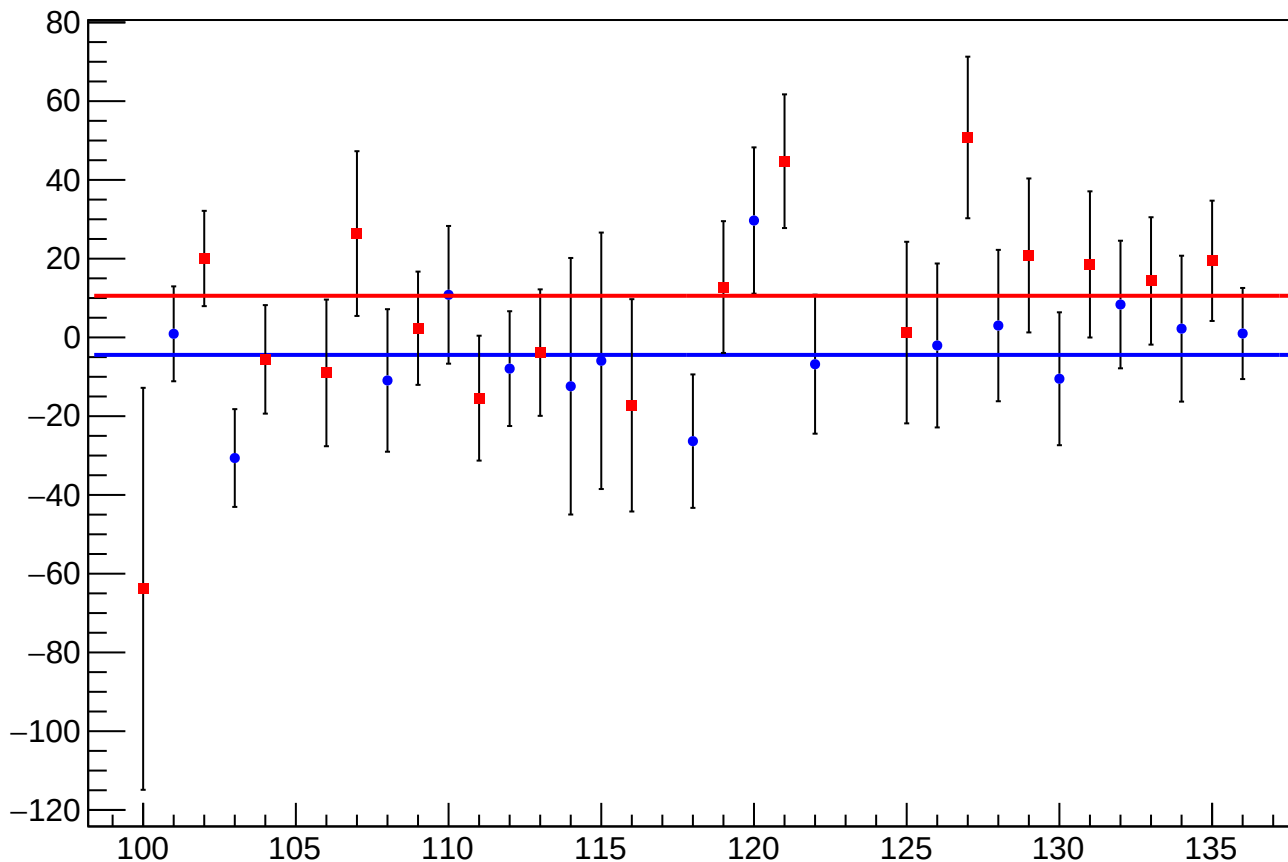
Right: 180.733+/-0.036 χ^2/NDF : 2751599.9/32

In: 193.768+/-0.054 χ^2/NDF :1048095.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 180.733+/-0.036 χ^2/NDF : 2751599.9/32

asym_bcm_an_us_an_ds_dd_mean vs Slug, Sign Corrected



Right In: -4.440 $\pm$ 4.131 χ^2/NDF : 12.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10.575 $\pm$ 4.202 χ^2/NDF : 19.6/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

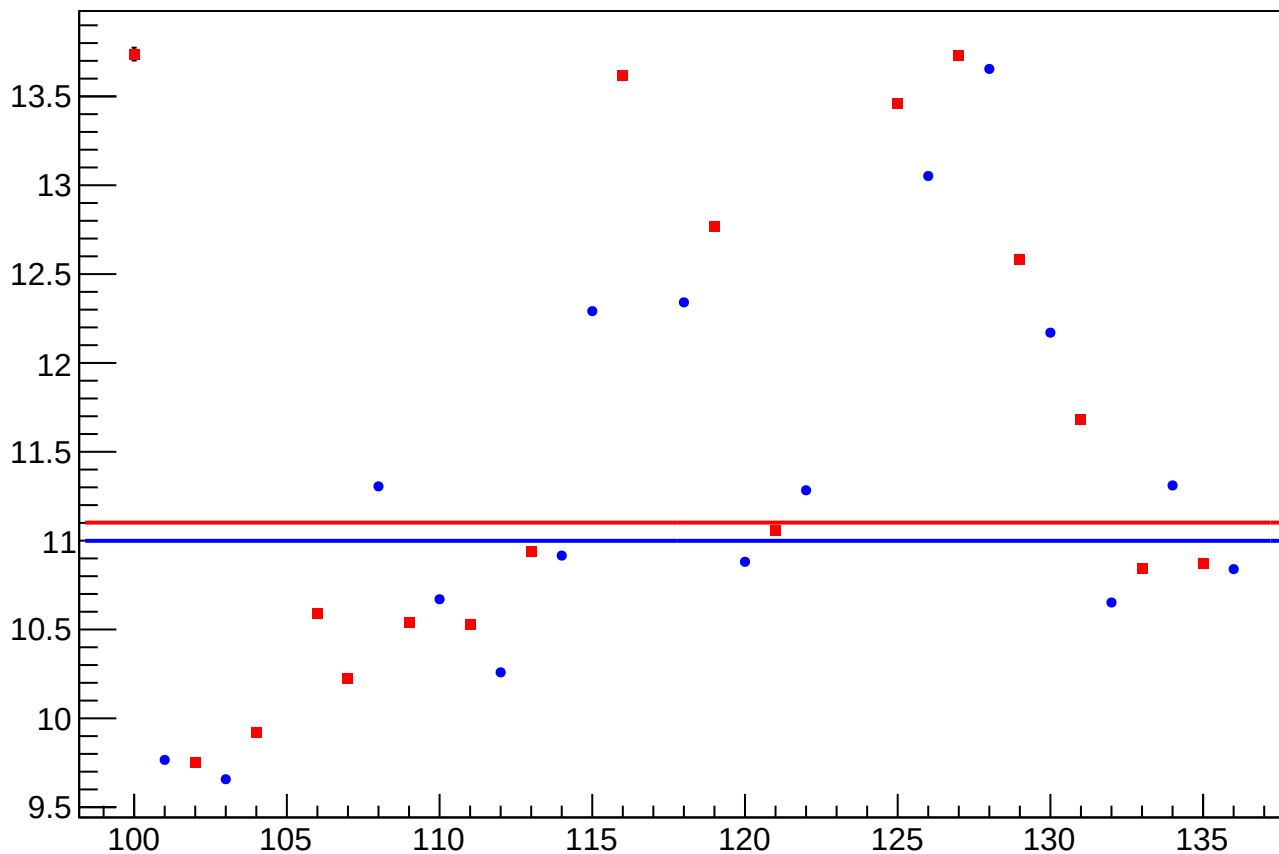
Right: 2.940 $\pm$ 2.946 χ^2/NDF : 38.1/32

In: -4.440 $\pm$ 4.131 χ^2/NDF : 12.0/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 2.940 $\pm$ 2.946 χ^2/NDF : 38.1/32

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: 11.102+/-0.003 χ^2/NDF : 161225.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

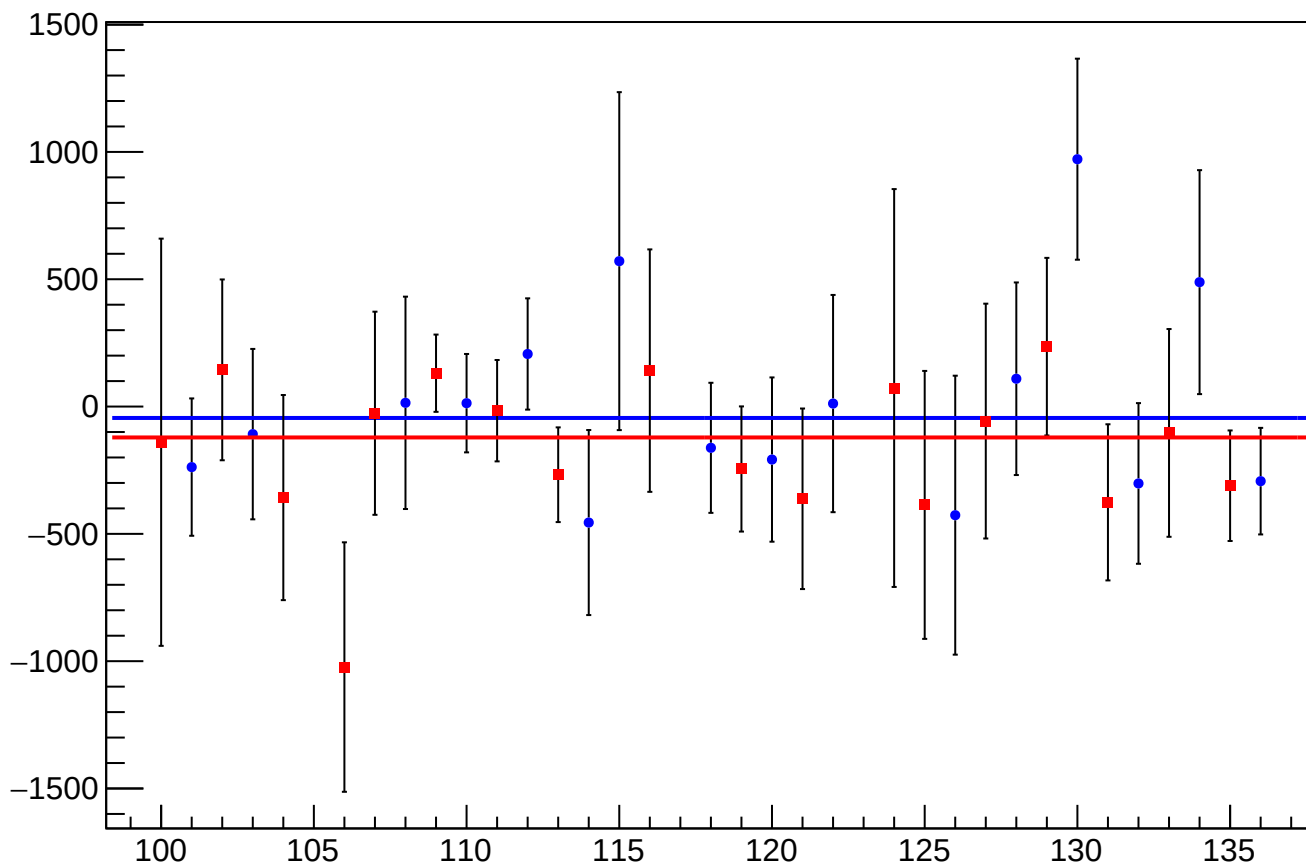
Right: 11.049+/-0.002 χ^2/NDF : 297990.9/32

In: 10.999+/-0.003 χ^2/NDF : 136159.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.049+/-0.002 χ^2/NDF : 297990.9/32

asym_bcm_an_us_an_ds3_avg_mean vs Slug, Sign Corrected



Right In: -44.797 ± 76.424 χ^2/NDF : 15.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -121.352 ± 69.227 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

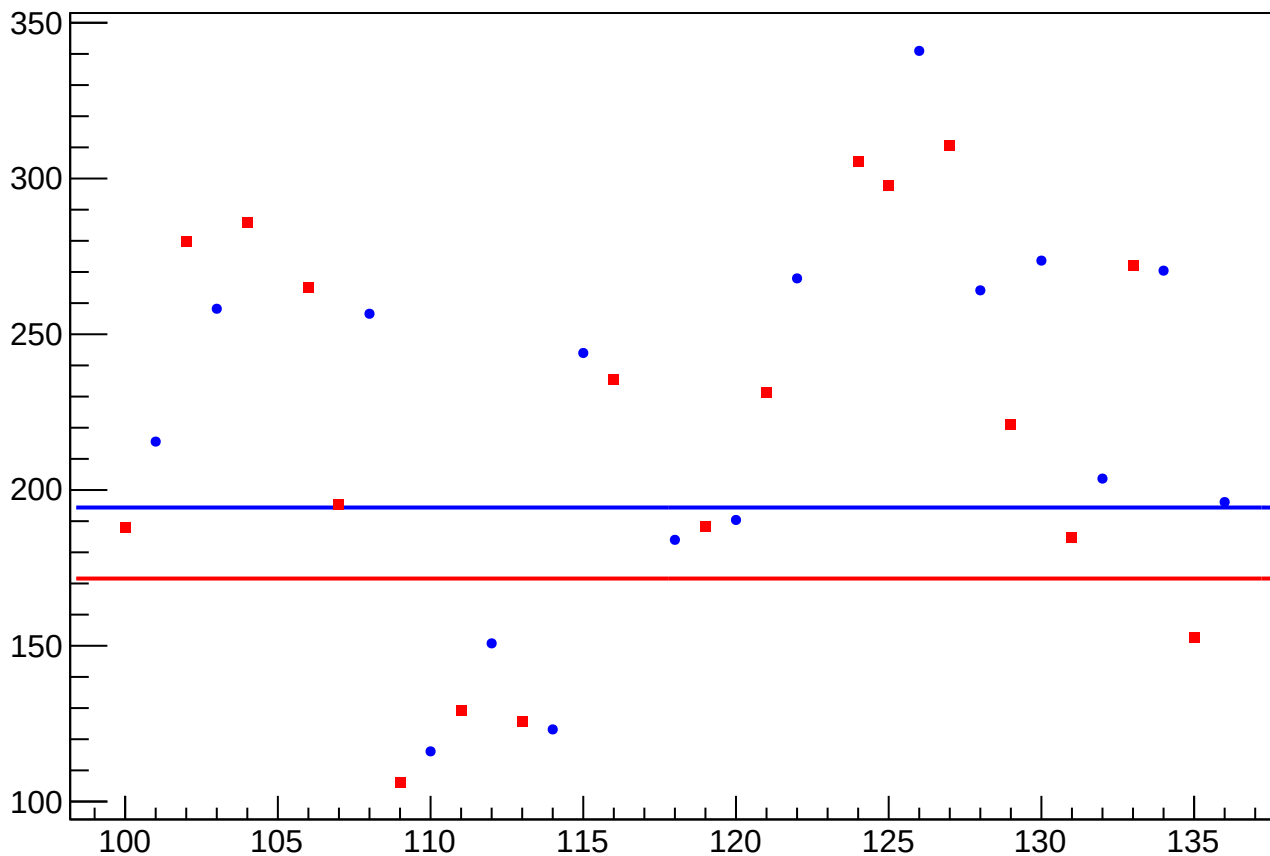
Right: -86.848 ± 51.307 χ^2/NDF : 27.8/33

In: -44.797 ± 76.424 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.848 ± 51.307 χ^2/NDF : 27.8/33

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: 171.585+/-0.049 χ^2/NDF : 1649333.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

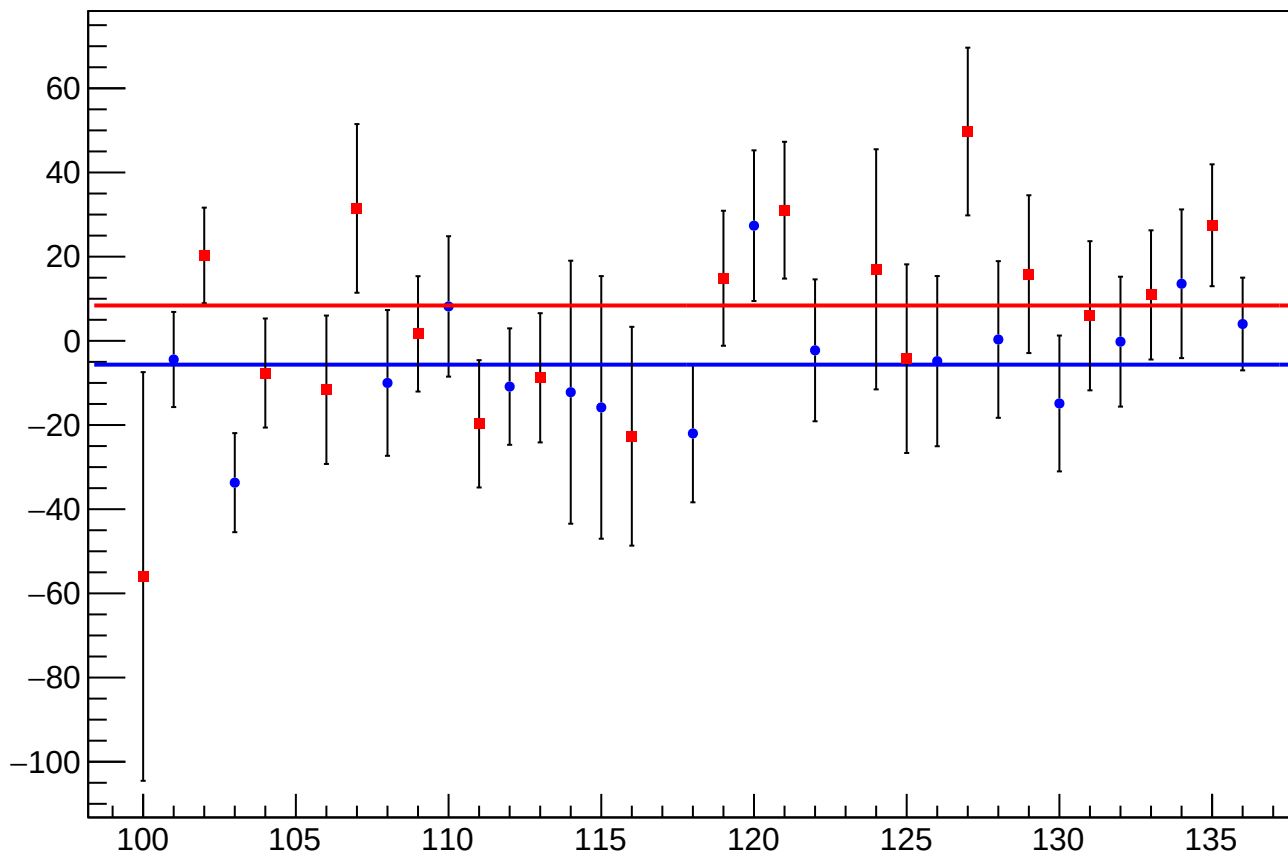
Right: 181.861+/-0.036 χ^2/NDF : 2789137.1/33

In: 194.385+/-0.054 χ^2/NDF :1042024.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.861+/-0.036 χ^2/NDF : 2789137.1/33

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: 8.402+/-3.961 χ^2/NDF : 22.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

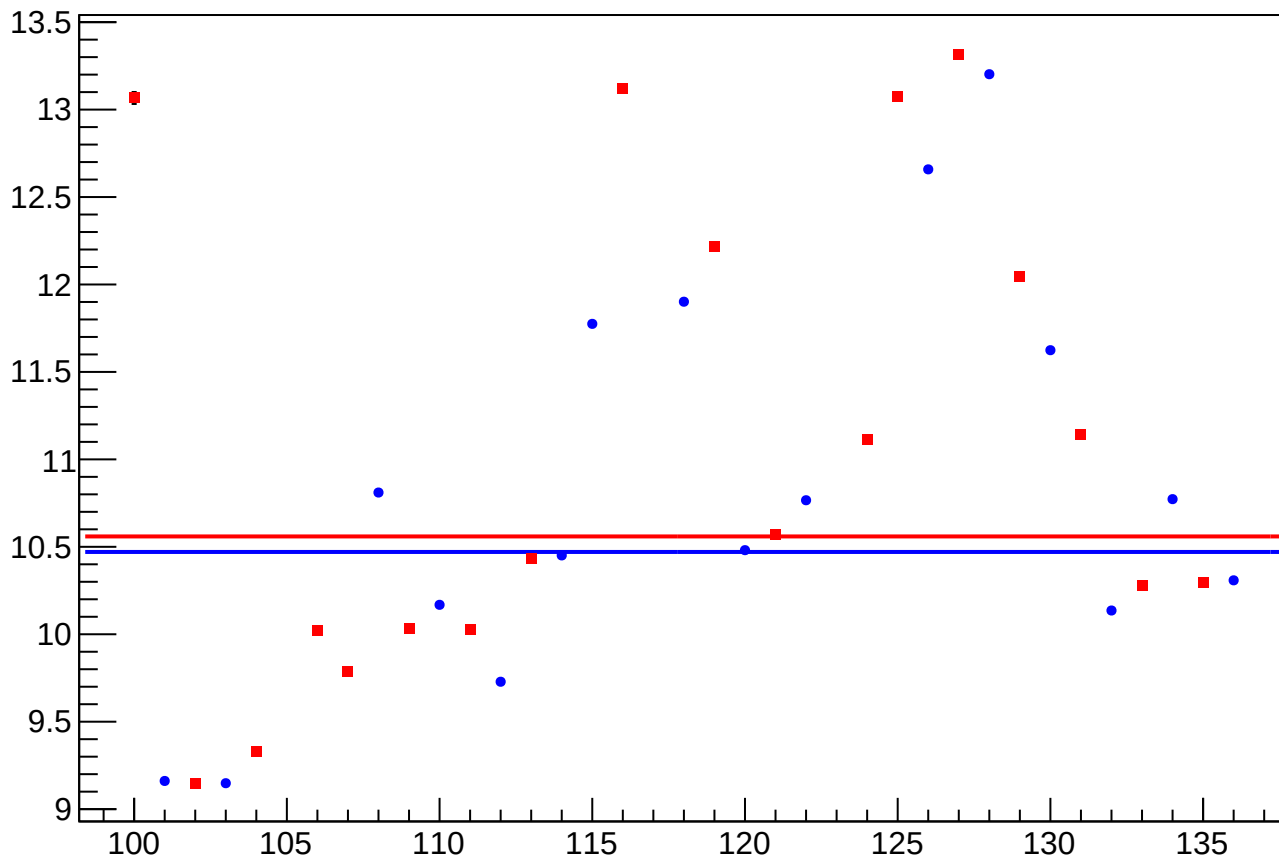
Right: 1.333+/-2.793 χ^2/NDF : 42.1/33

In: -5.657+/-3.939 χ^2/NDF : 13.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.333+/-2.793 χ^2/NDF : 42.1/33

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: 10.559+/-0.003 χ^2/NDF : 185833.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

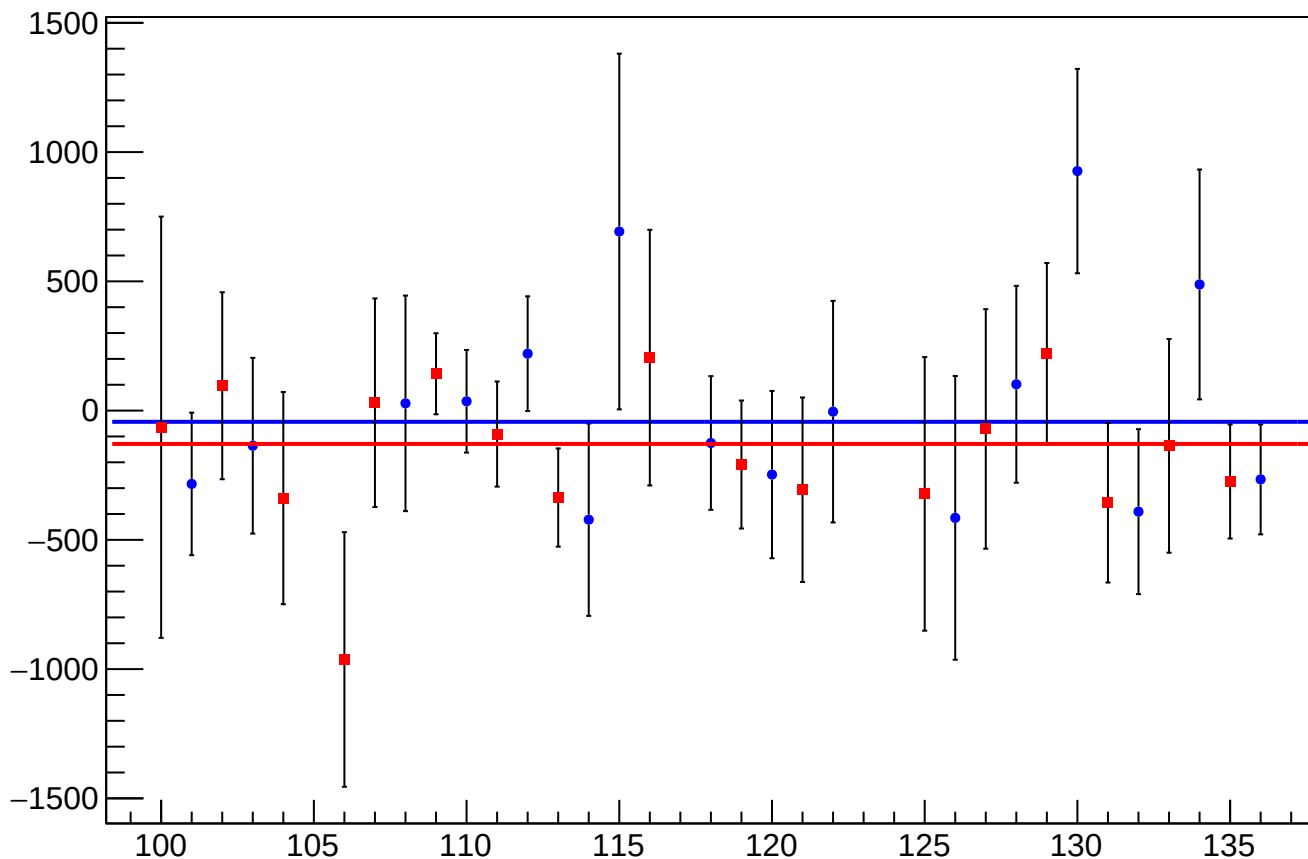
Right: 10.515+/-0.002 χ^2/NDF : 343703.5/33

In: 10.471+/-0.003 χ^2/NDF : 157365.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.515+/-0.002 χ^2/NDF : 343703.5/33

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: -128.977+/-70.825 χ^2/NDF : 10.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

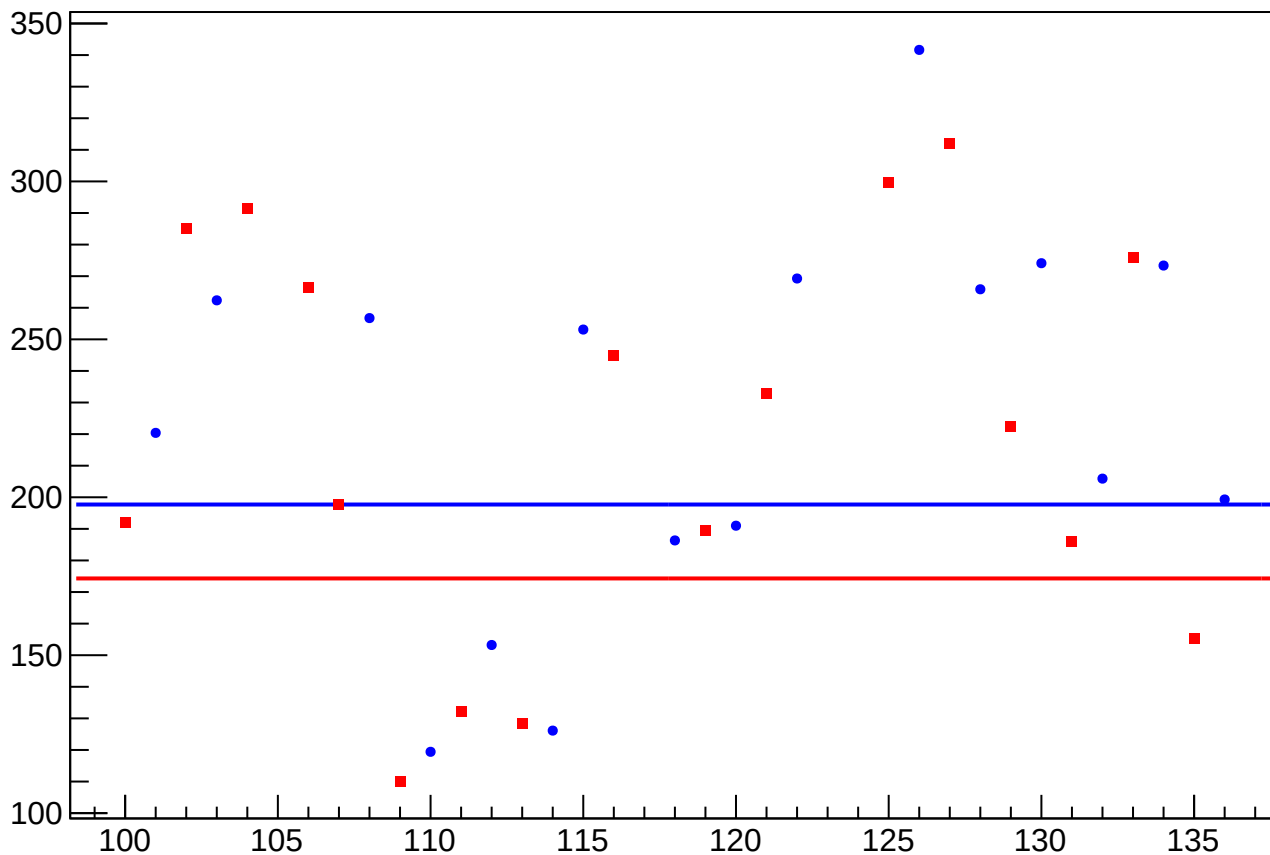
Right: -90.070+/-52.308 χ^2/NDF : 26.9/32

In: -43.384+/-77.584 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -90.070+/-52.308 χ^2/NDF : 26.9/32

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: 174.301+/-0.050 χ^2/NDF : 1532707.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

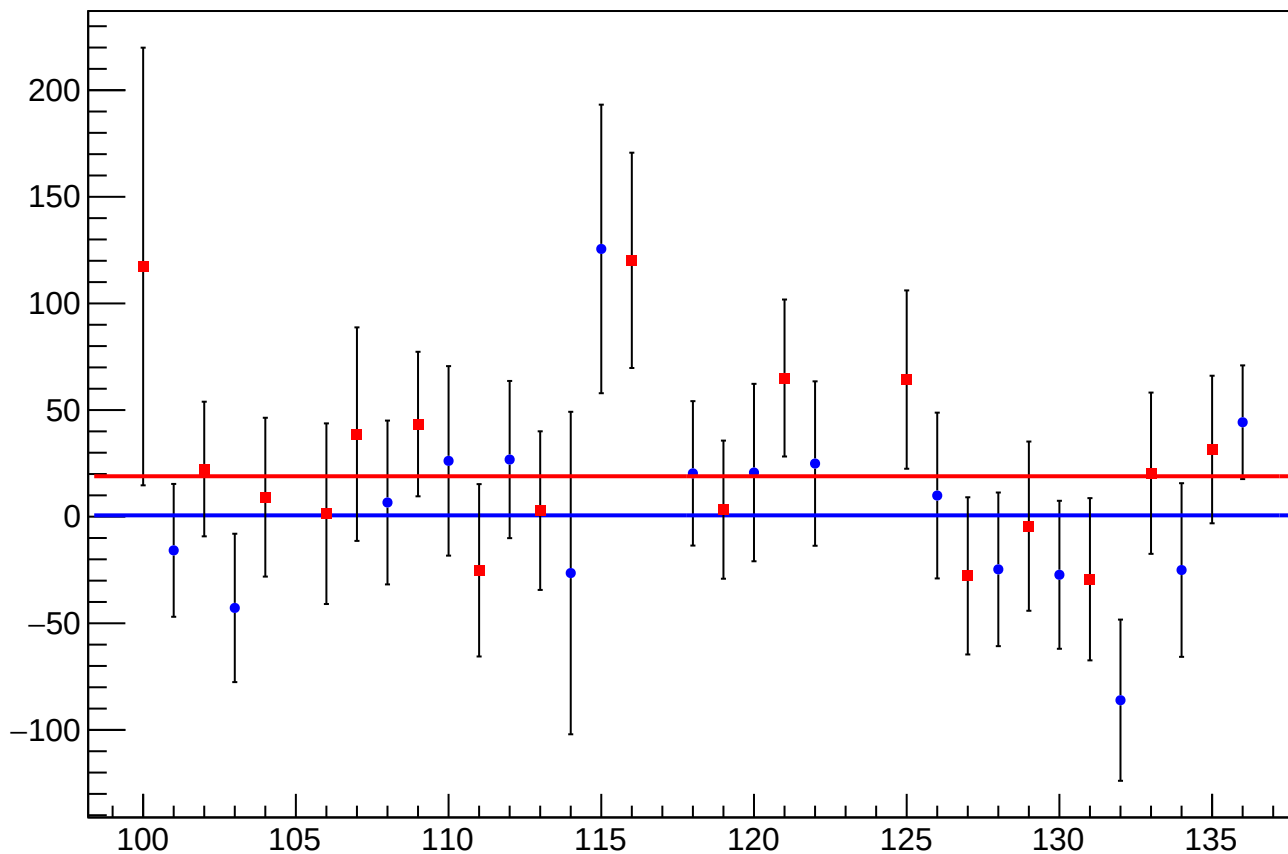
Right: 184.941+/-0.037 χ^2/NDF : 2632319.2/32

In: 197.707+/-0.055 χ^2/NDF : 1000324.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.941+/-0.037 χ^2/NDF : 2632319.2/32

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: 18.956+/-9.435 χ^2/NDF : 13.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

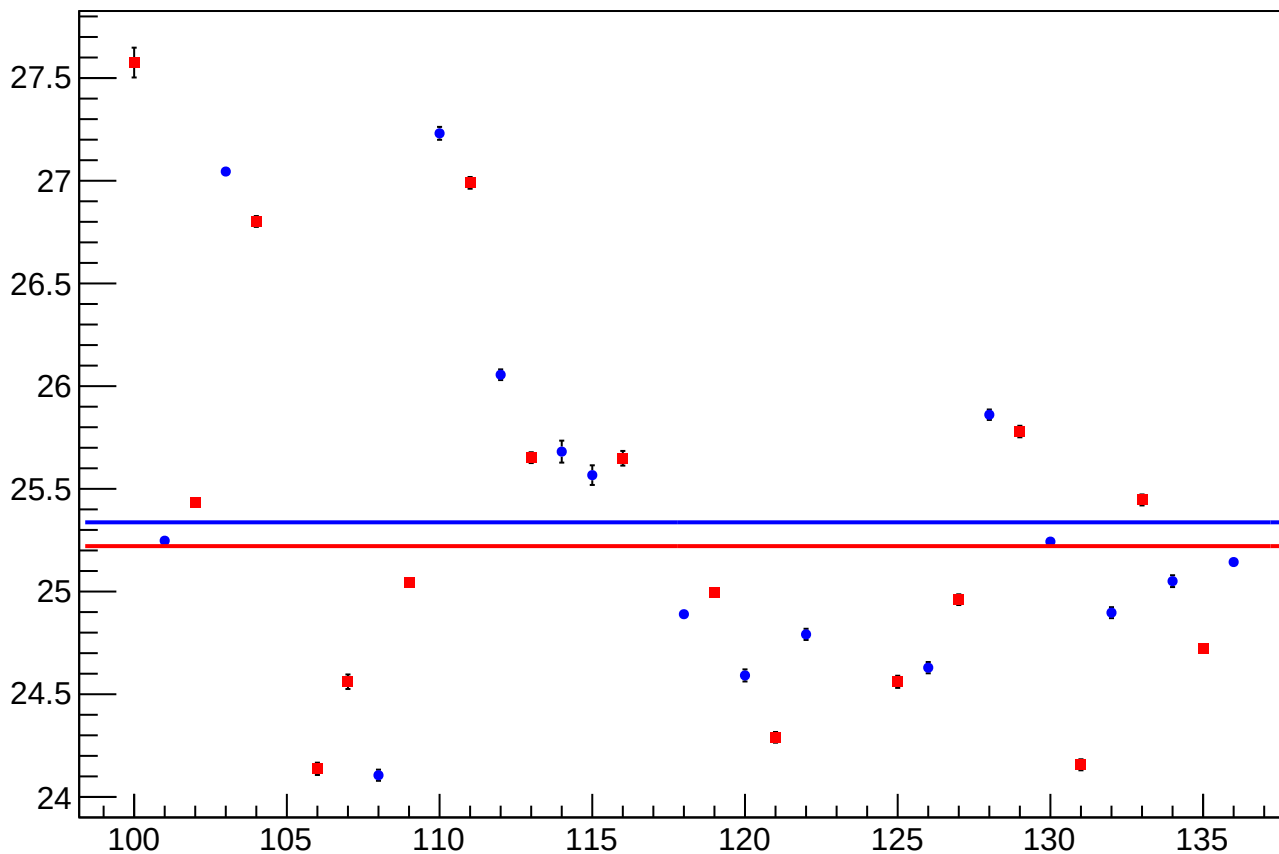
Right: 9.775+/-6.667 χ^2/NDF : 32.6/32

In: 0.619+/-9.421 χ^2/NDF : 16.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.775+/-6.667 χ^2/NDF : 32.6/32

asym_bcm_dg_us_dg_ds_dd_rms vs Slug, Sign Corrected



Right In: 25.337 $\pm$ 0.007 χ^2 /NDF: 14315.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.221 $\pm$ 0.007 χ^2 /NDF: 15127.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

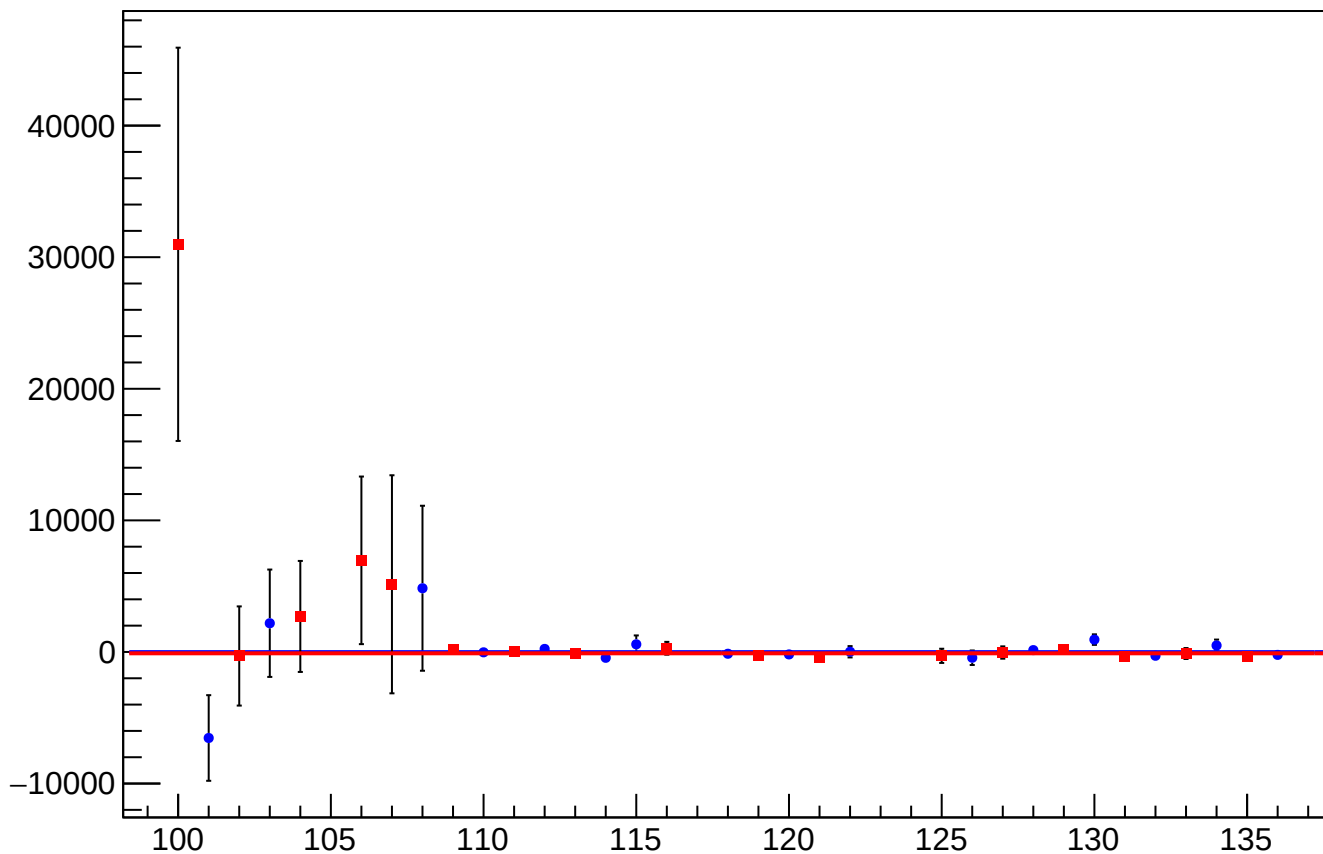
Right: 25.279 $\pm$ 0.005 χ^2 /NDF: 29593.5/32

In: 25.337 $\pm$ 0.007 χ^2 /NDF:14315.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.279 $\pm$ 0.005 χ^2 /NDF: 29593.5/32

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug, Sign Corrected



Right In: -13.160 $\pm$ 84.454 χ^2 /NDF: 18.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -102.388 $\pm$ 79.633 χ^2 /NDF: 13.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

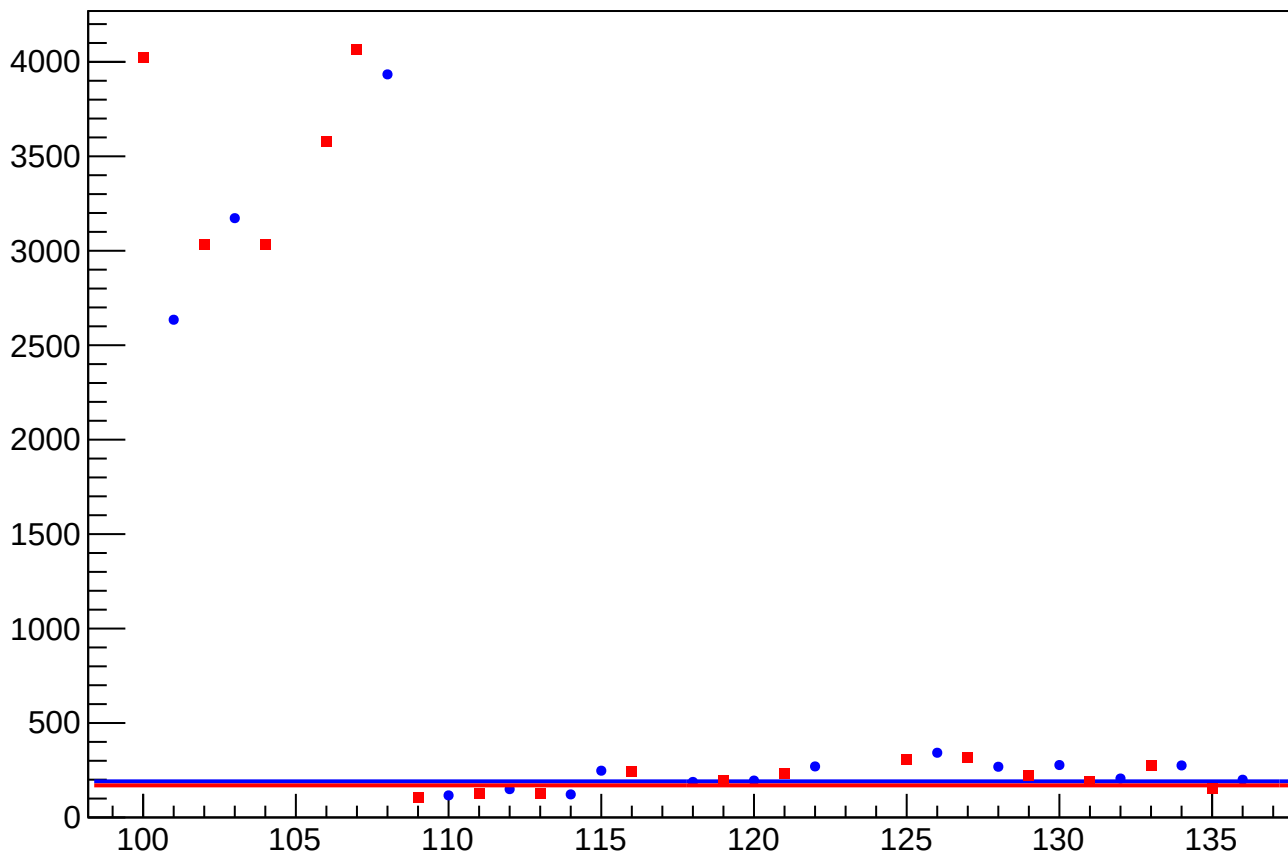
Right: -60.394 $\pm$ 57.938 χ^2 /NDF: 31.9/32

In: -13.160 $\pm$ 84.454 χ^2 /NDF:18.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -60.394 $\pm$ 57.938 χ^2 /NDF: 31.9/32

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: 169.834+/-0.056 χ^2/NDF : 4250839.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

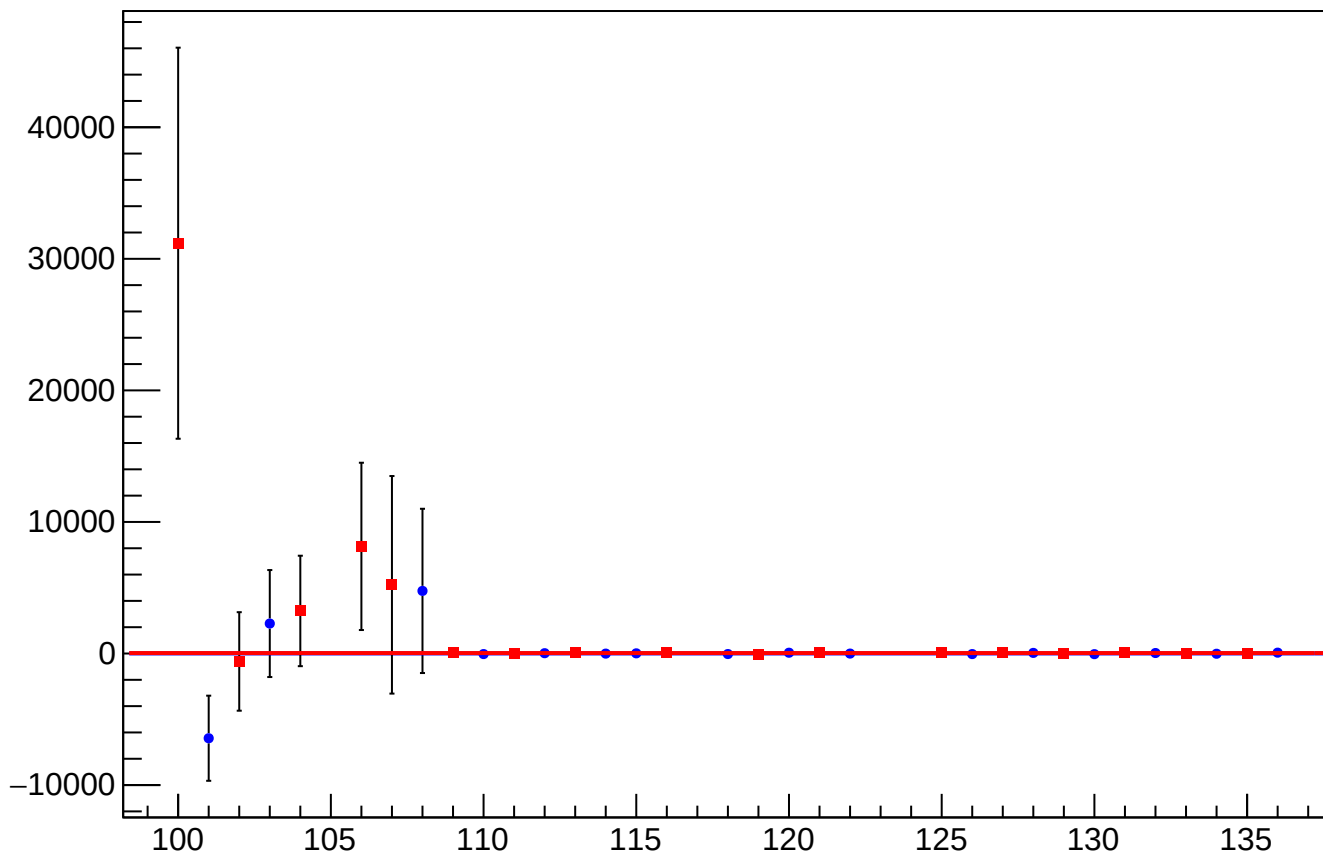
Right: 179.828+/-0.041 χ^2/NDF : 8151731.9/32

In: 191.070+/-0.060 χ^2/NDF : 3833952.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.828+/-0.041 χ^2/NDF : 8151731.9/32

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: 34.141+/-12.334 χ^2 /NDF: 18.0/16

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

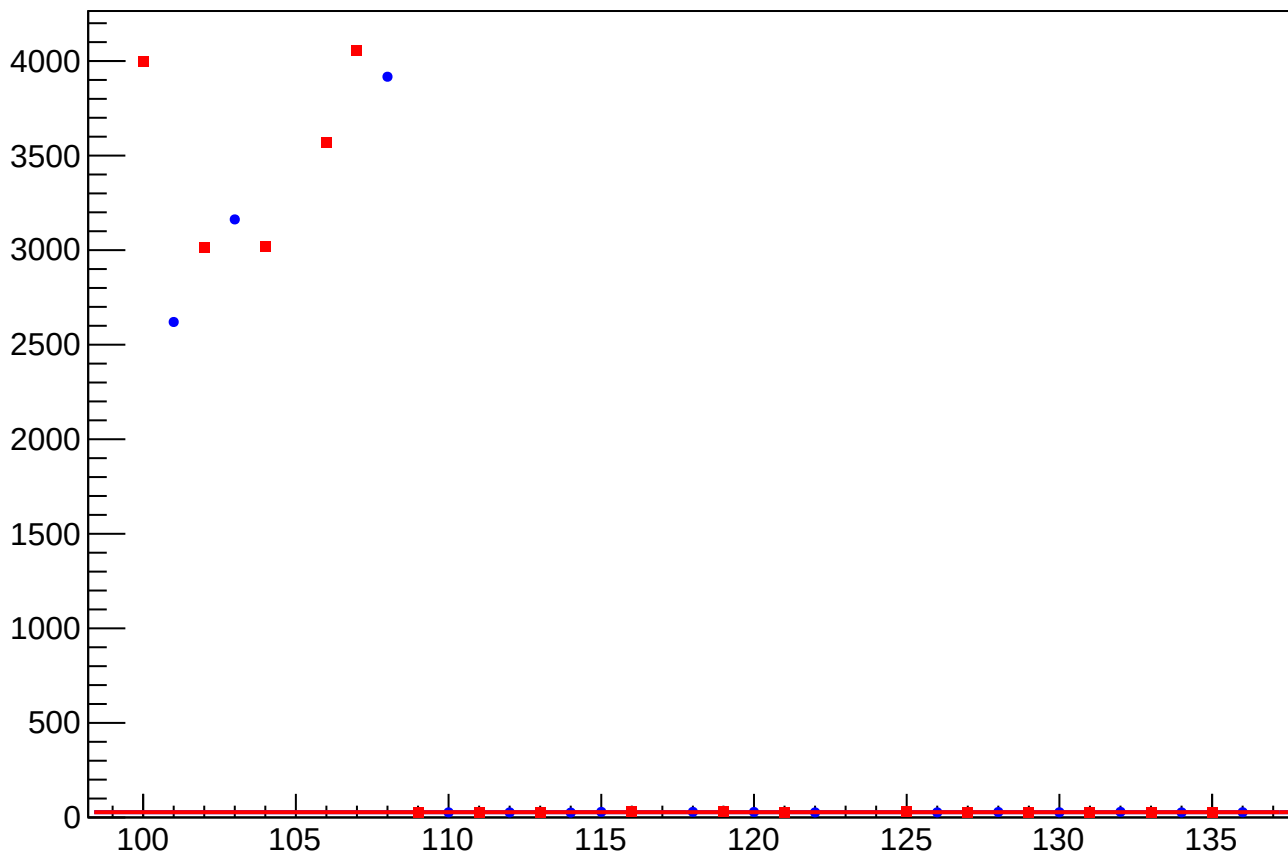
Right: 19.662+/-8.513 χ^2 /NDF: 38.9/32

In: 6.490+/-11.764 χ^2 /NDF: 18.3/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 19.662+/-8.513 χ^2 /NDF: 38.9/32

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: 27.805+/-0.009 χ^2/NDF : 3558156.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

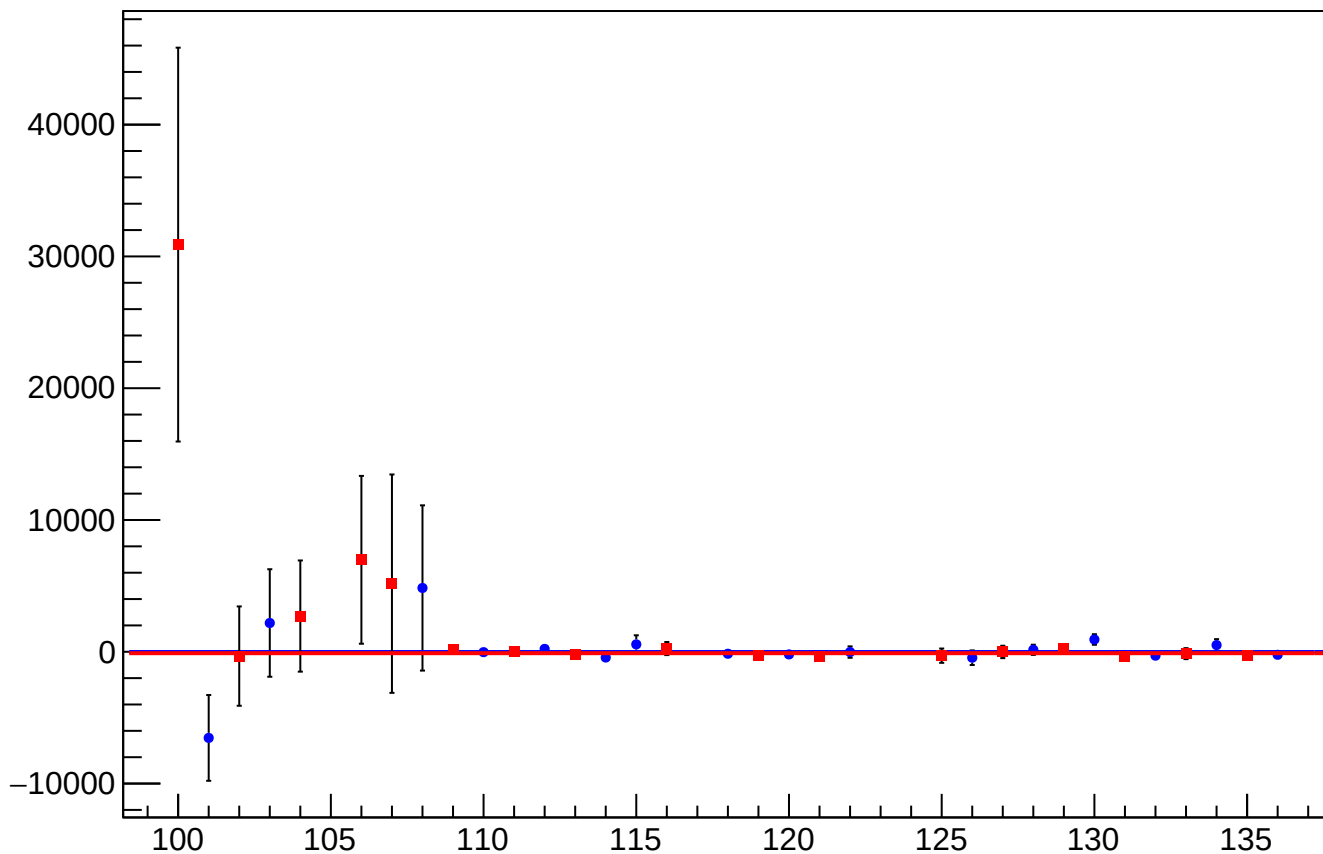
Right: 27.816+/-0.006 χ^2/NDF : 6824054.7/32

In: 27.825+/-0.008 χ^2/NDF : 3265895.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.816+/-0.006 χ^2/NDF : 6824054.7/32

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: -107.197 $\pm$ 80.246 χ^2 /NDF: 12.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

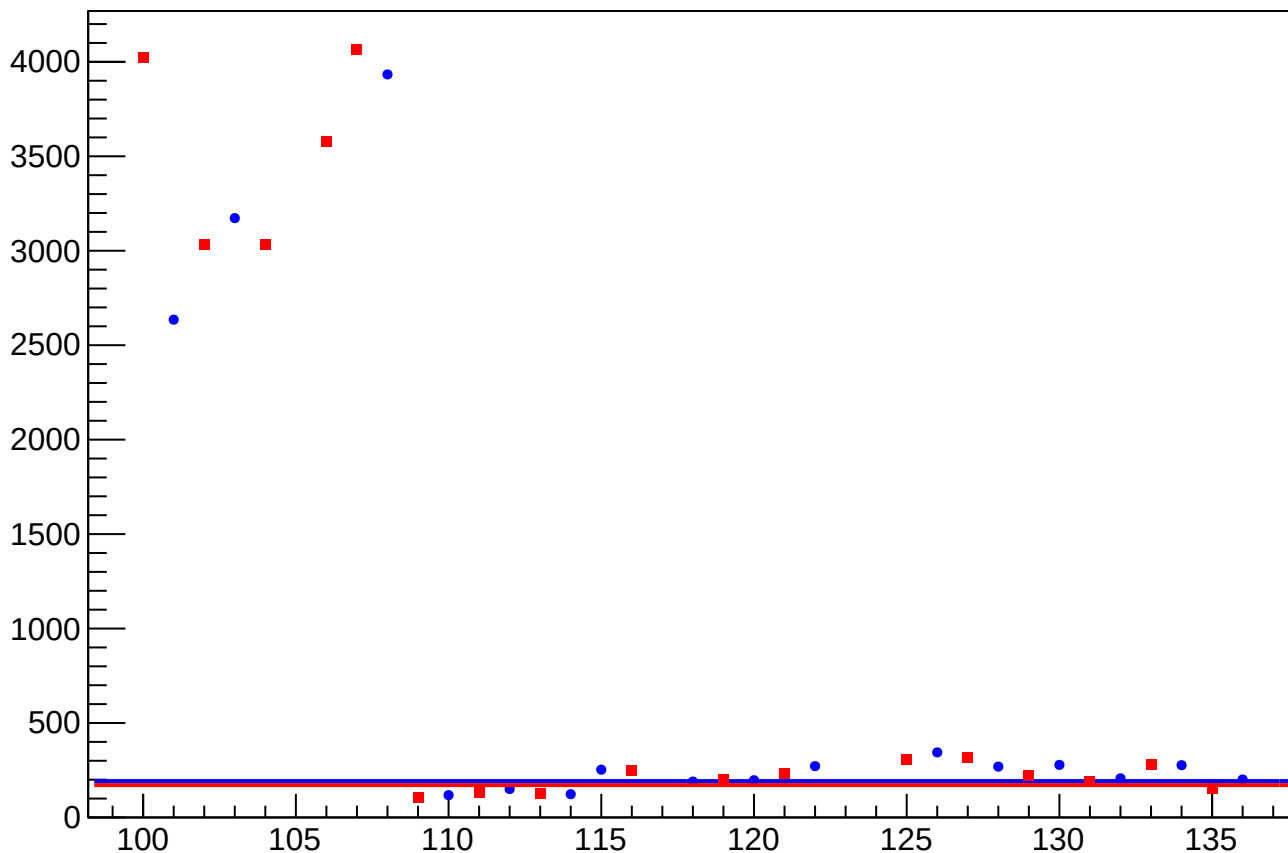
Right: -65.912 $\pm$ 58.371 χ^2 /NDF: 31.1/32

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: -65.912 $\pm$ 58.371 χ^2 /NDF: 31.1/32

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: 171.248+/-0.057 χ^2/NDF : 4244009.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

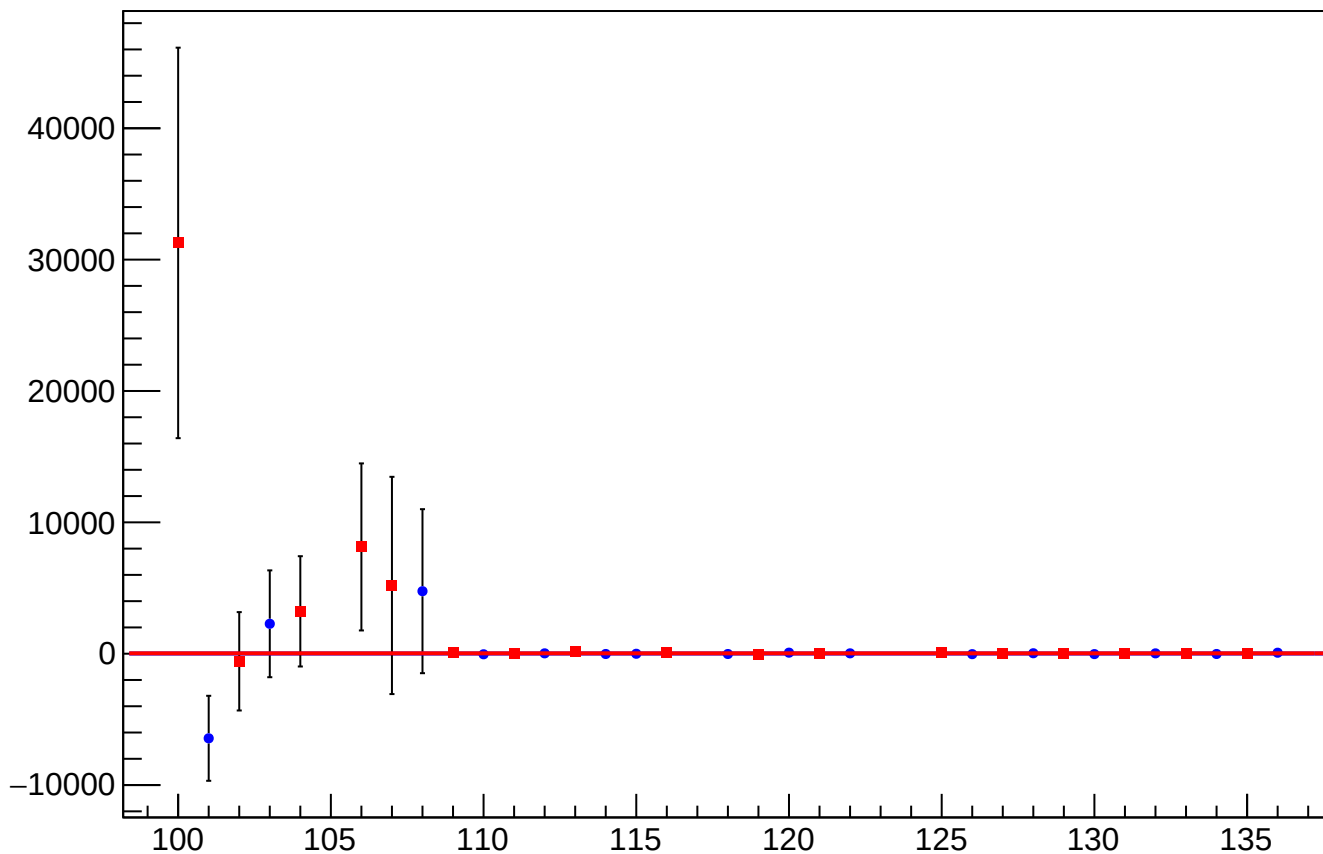
Right: 181.284+/-0.041 χ^2/NDF : 8133223.4/32

In: 192.560+/-0.060 χ^2/NDF : 3822789.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.284+/-0.041 χ^2/NDF : 8133223.4/32

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: 28.901+/-13.661 χ^2/NDF : 21.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

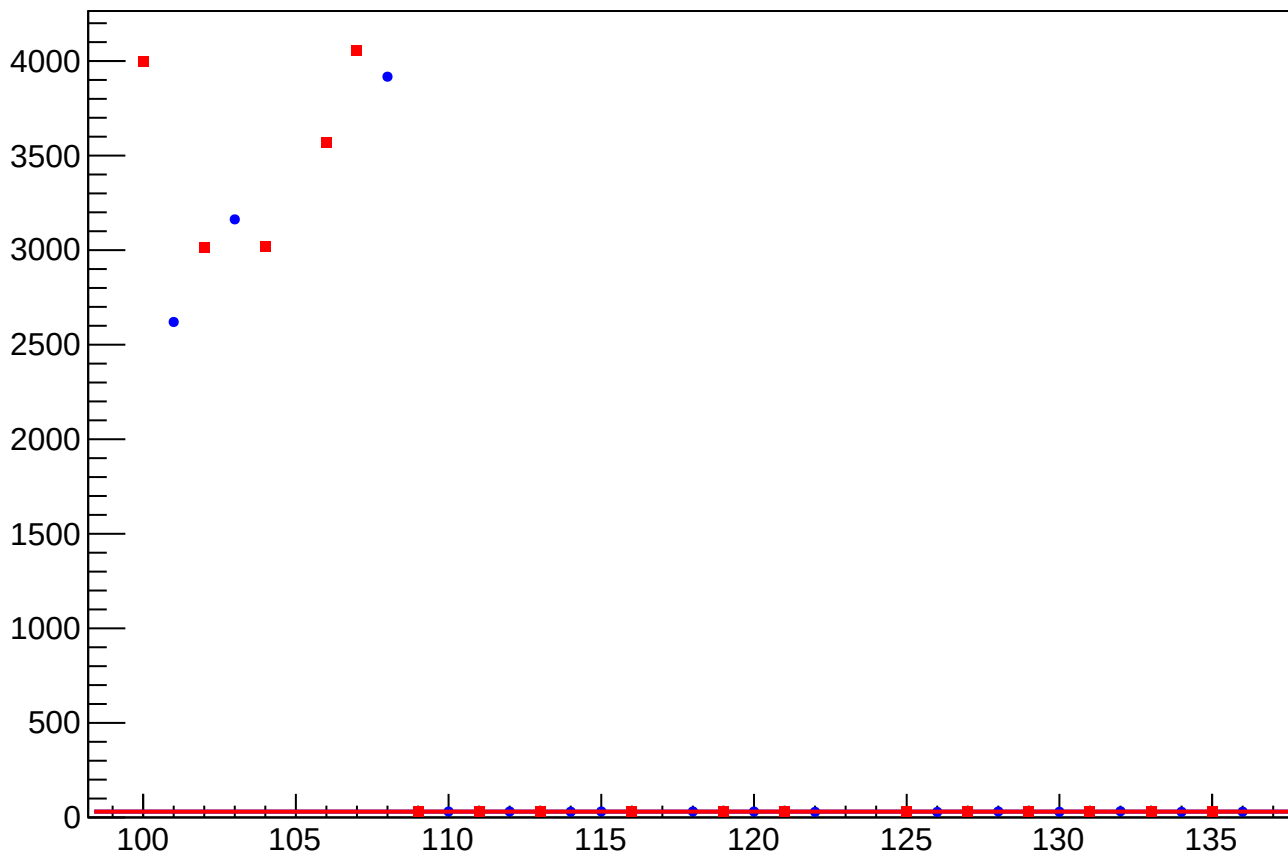
Right: 20.967+/-9.441 χ^2/NDF : 38.0/32

In: 13.713+/-13.062 χ^2/NDF : 15.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.967+/-9.441 χ^2/NDF : 38.0/32

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: 30.841+/-0.010 χ^2/NDF : 3535597.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

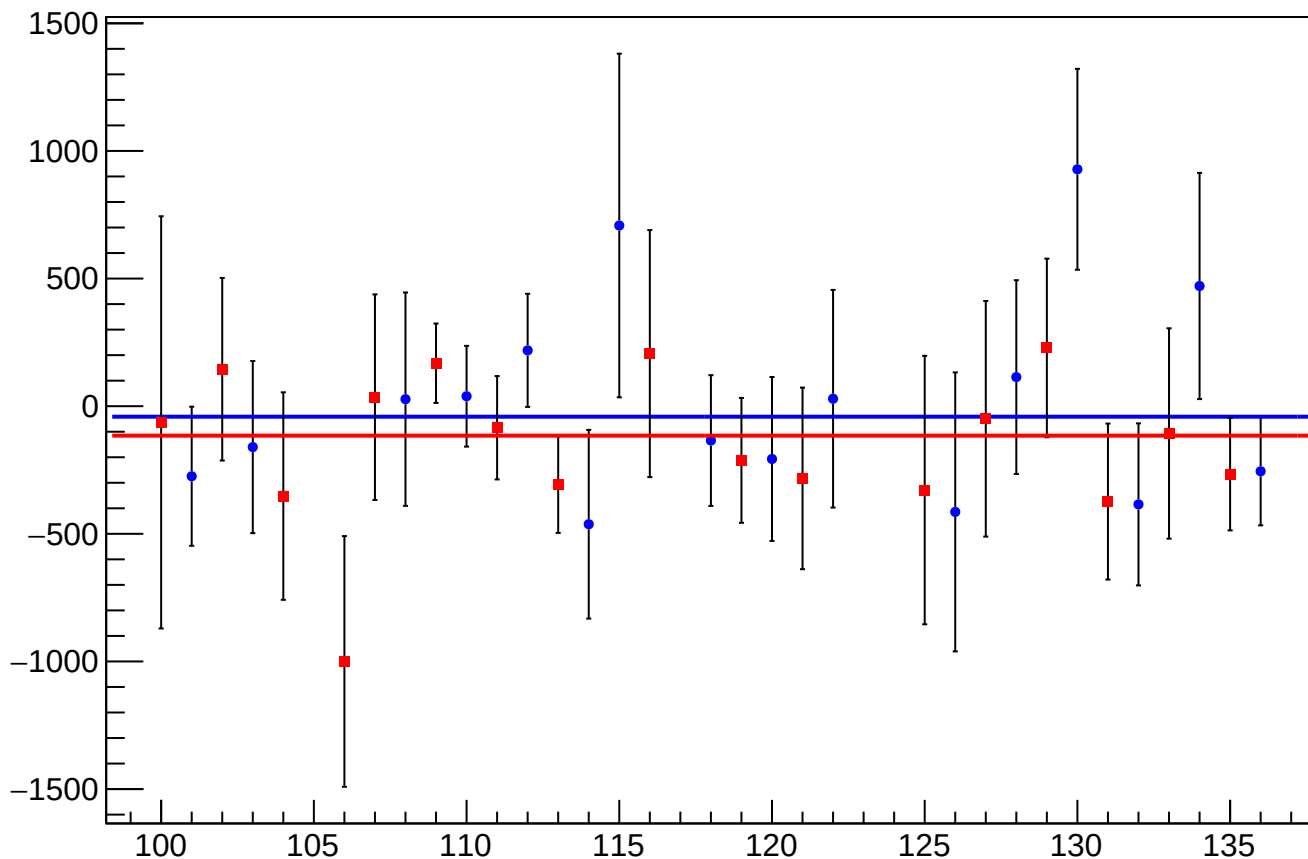
Right: 30.887+/-0.007 χ^2/NDF : 6788248.0/32

In: 30.928+/-0.009 χ^2/NDF : 3252607.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.887+/-0.007 χ^2/NDF : 6788248.0/32

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: -115.324 ± 70.362 χ^2/NDF : 11.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

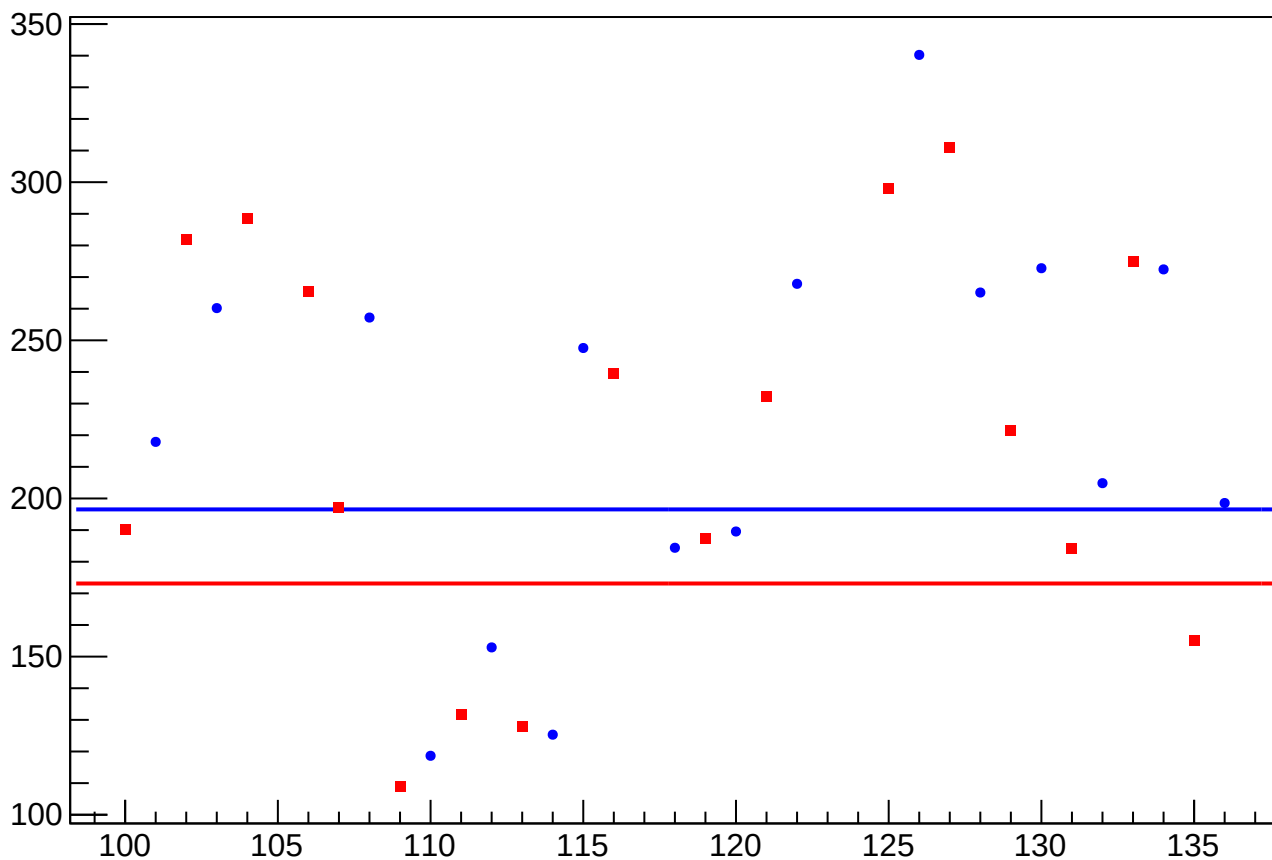
Right: -81.622 ± 51.984 χ^2/NDF : 27.9/32

In: -41.114 ± 77.139 χ^2/NDF : 15.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.622 ± 51.984 χ^2/NDF : 27.9/32

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: 173.117 $\pm$ 0.050 χ^2 /NDF: 1530474.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

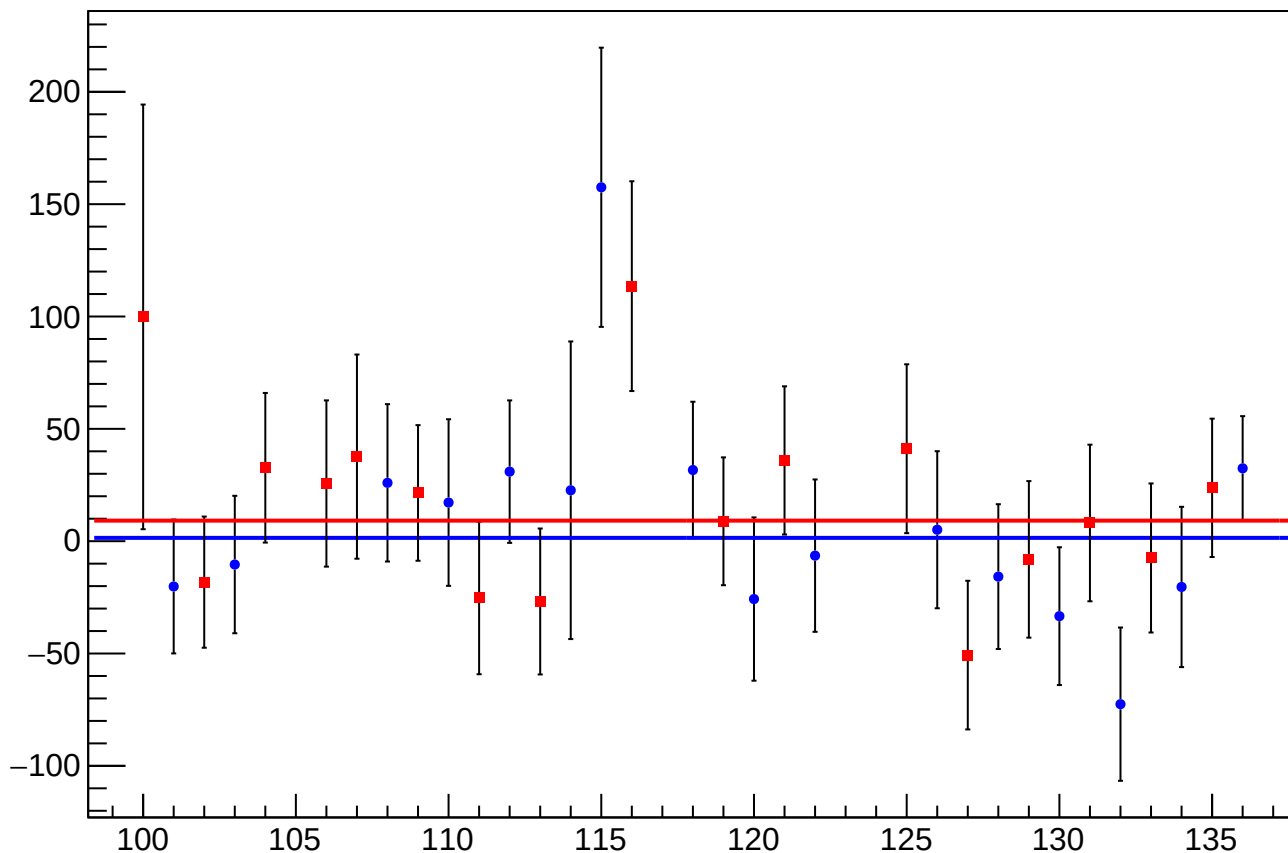
Right: 183.756 $\pm$ 0.037 χ^2 /NDF: 2631917.9/32

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: 183.756 $\pm$ 0.037 χ^2 /NDF: 2631917.9/32

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: 9.147+/-8.403 χ^2/NDF : 15.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

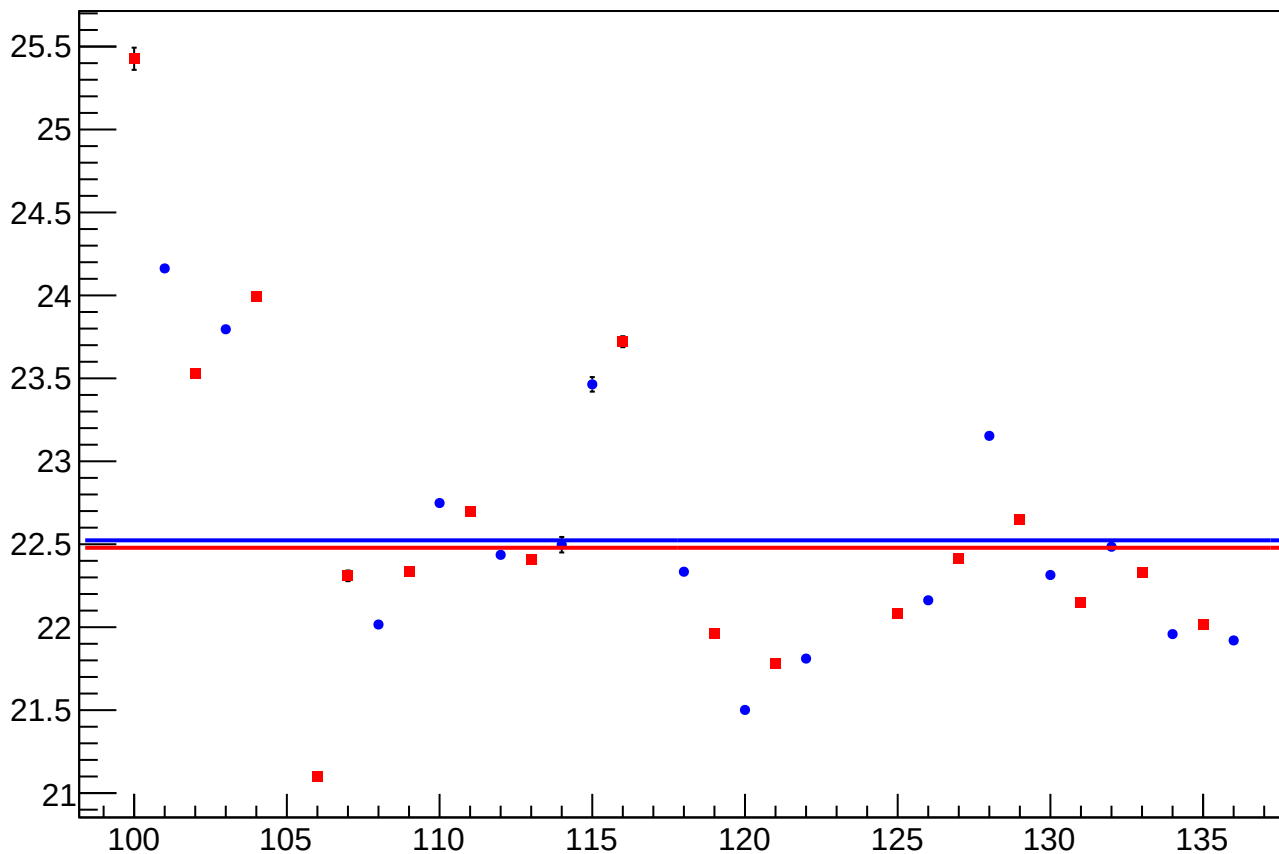
Right: 5.296+/-5.930 χ^2/NDF : 34.8/32

In: 1.475+/-8.370 χ^2/NDF : 18.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.296+/-5.930 χ^2/NDF : 34.8/32

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: 22.479+/-0.006 χ^2/NDF : 15526.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

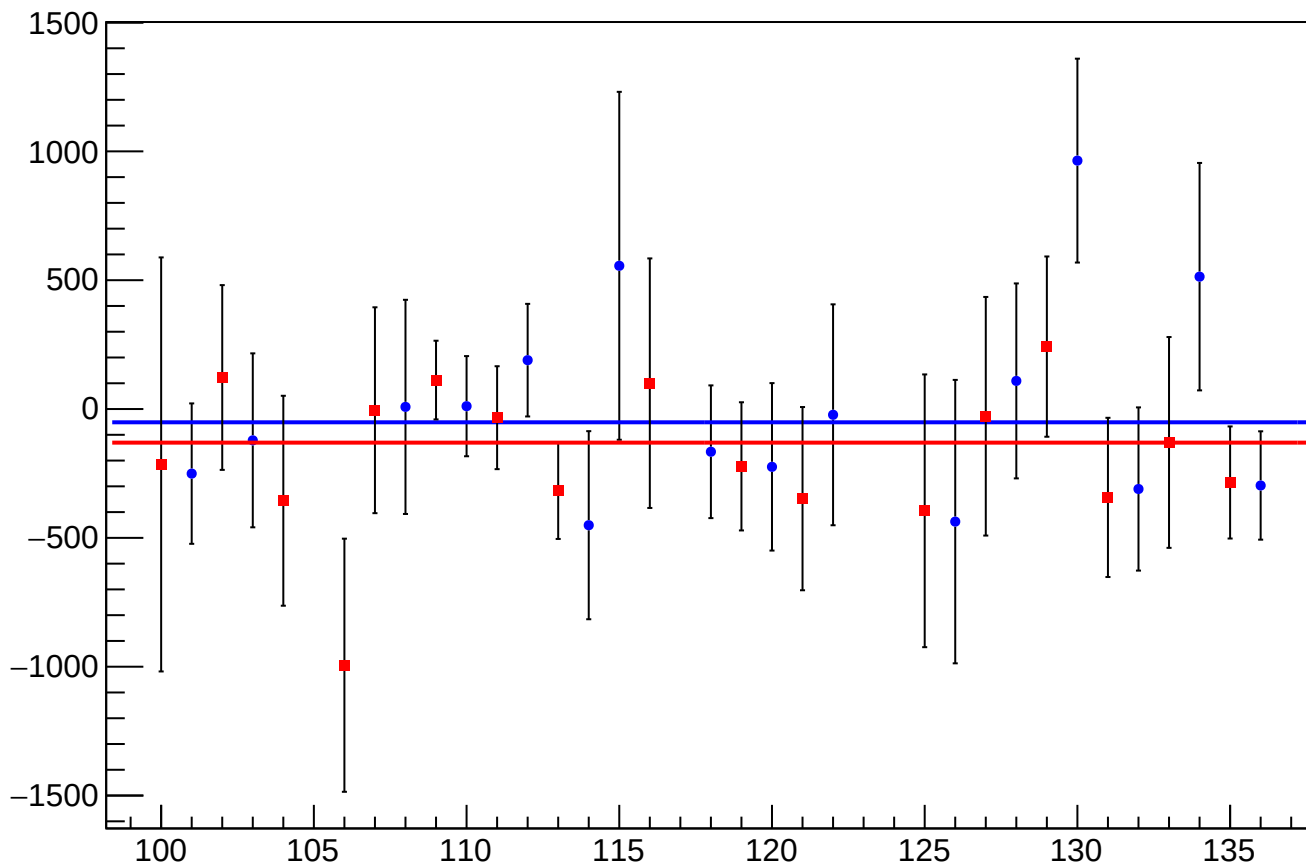
Right: 22.501+/-0.004 χ^2/NDF : 31503.1/32

In: 22.524+/-0.006 χ^2/NDF : 15947.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.501+/-0.004 χ^2/NDF : 31503.1/32

asym_bcm_dg_ds_an_us_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: -130.412 $\pm$ 69.864 χ^2 /NDF: 10.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

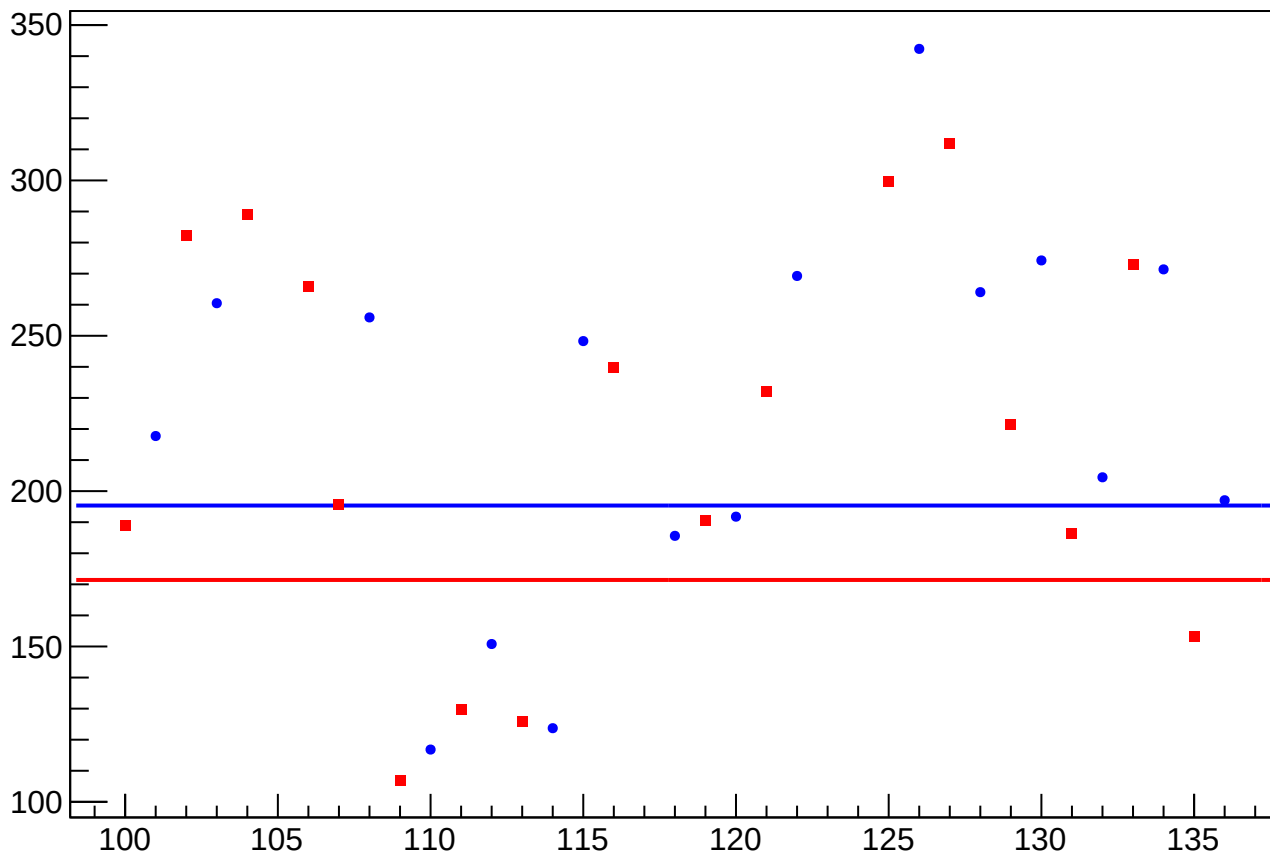
Right: -94.675 $\pm$ 51.679 χ^2 /NDF: 26.9/32

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: -94.675 $\pm$ 51.679 χ^2 /NDF: 26.9/32

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: 171.411+/-0.049 χ^2/NDF : 1598371.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

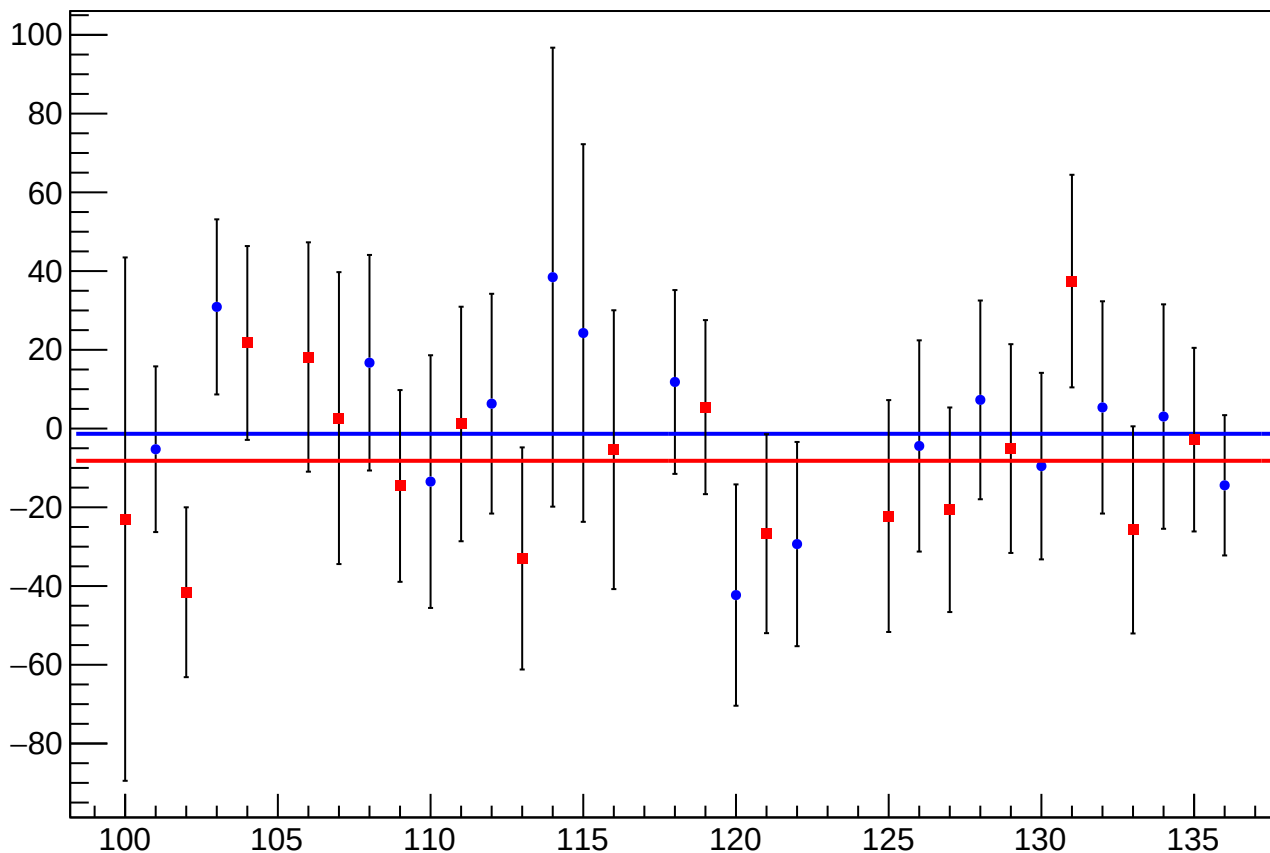
Right: 182.256+/-0.037 χ^2/NDF : 2746233.3/32

In: 195.361+/-0.054 χ^2/NDF :1041432.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 182.256+/-0.037 χ^2/NDF : 2746233.3/32

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: -8.189 ± 6.576 χ^2/NDF : 10.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

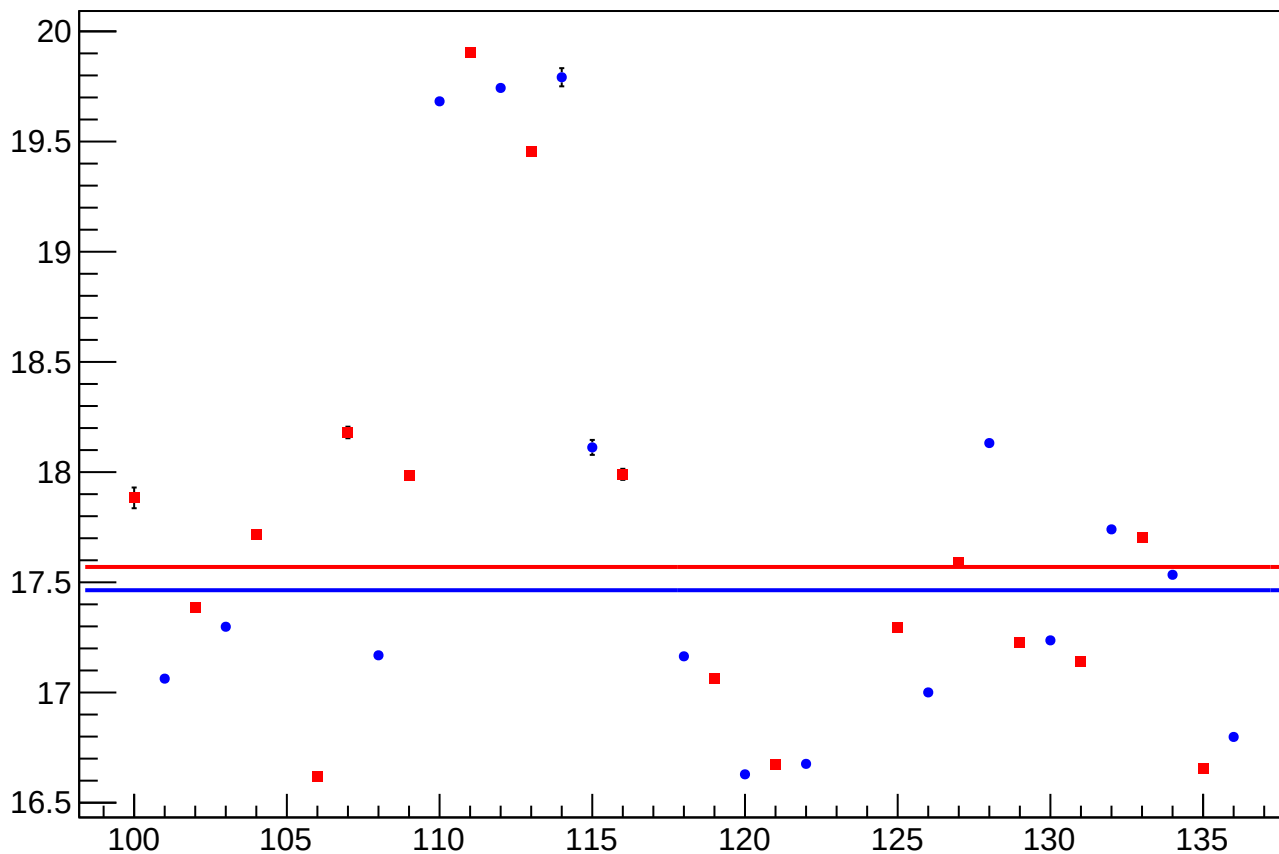
Right: -4.719 ± 4.622 χ^2/NDF : 19.1/32

In: -1.331 ± 6.499 χ^2/NDF : 8.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.719 ± 4.622 χ^2/NDF : 19.1/32

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: 17.570+/-0.005 χ^2/NDF : 32696.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

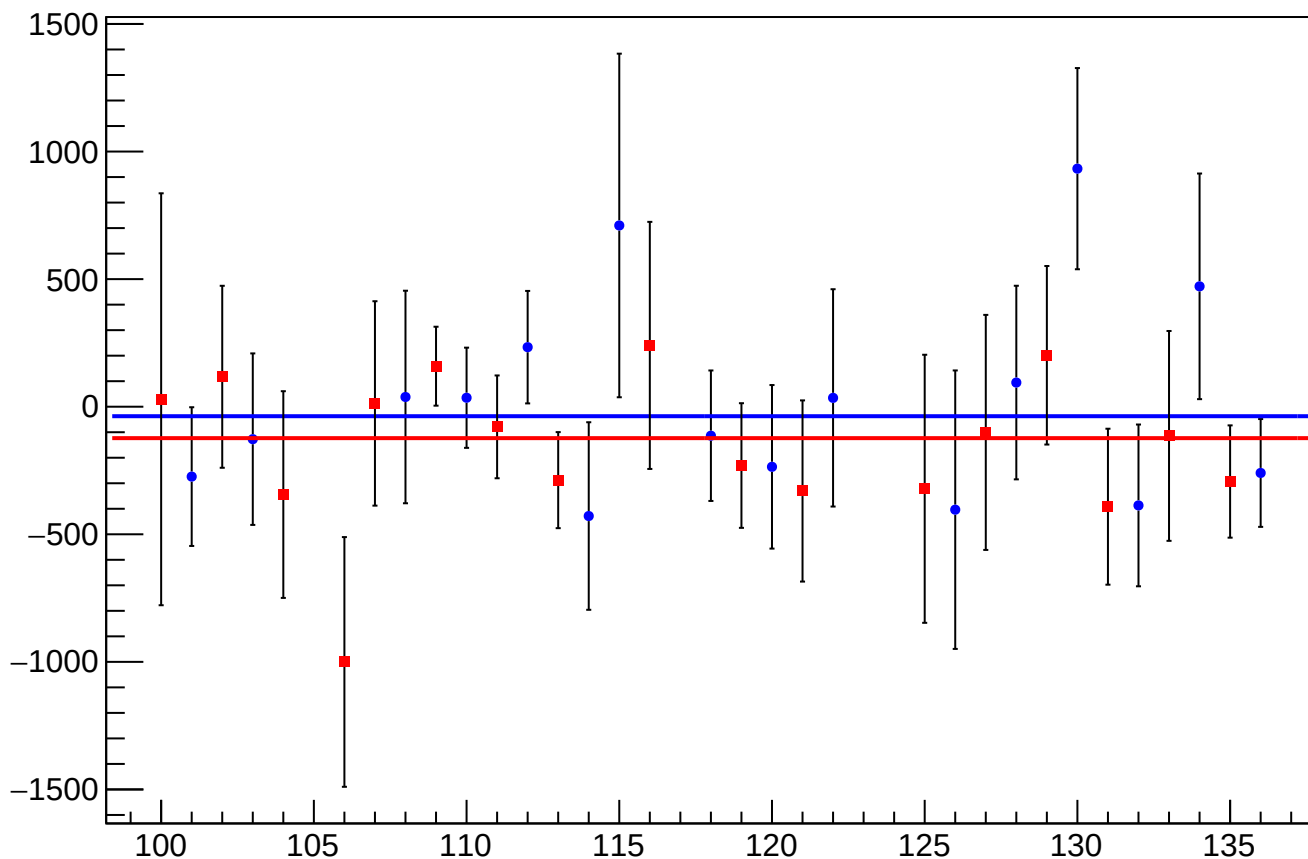
Right: 17.516+/-0.003 χ^2/NDF : 69607.1/32

In: 17.464+/-0.005 χ^2/NDF : 36650.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.516+/-0.003 χ^2/NDF : 69607.1/32

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: -123.191+/-70.132 χ^2/NDF : 11.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

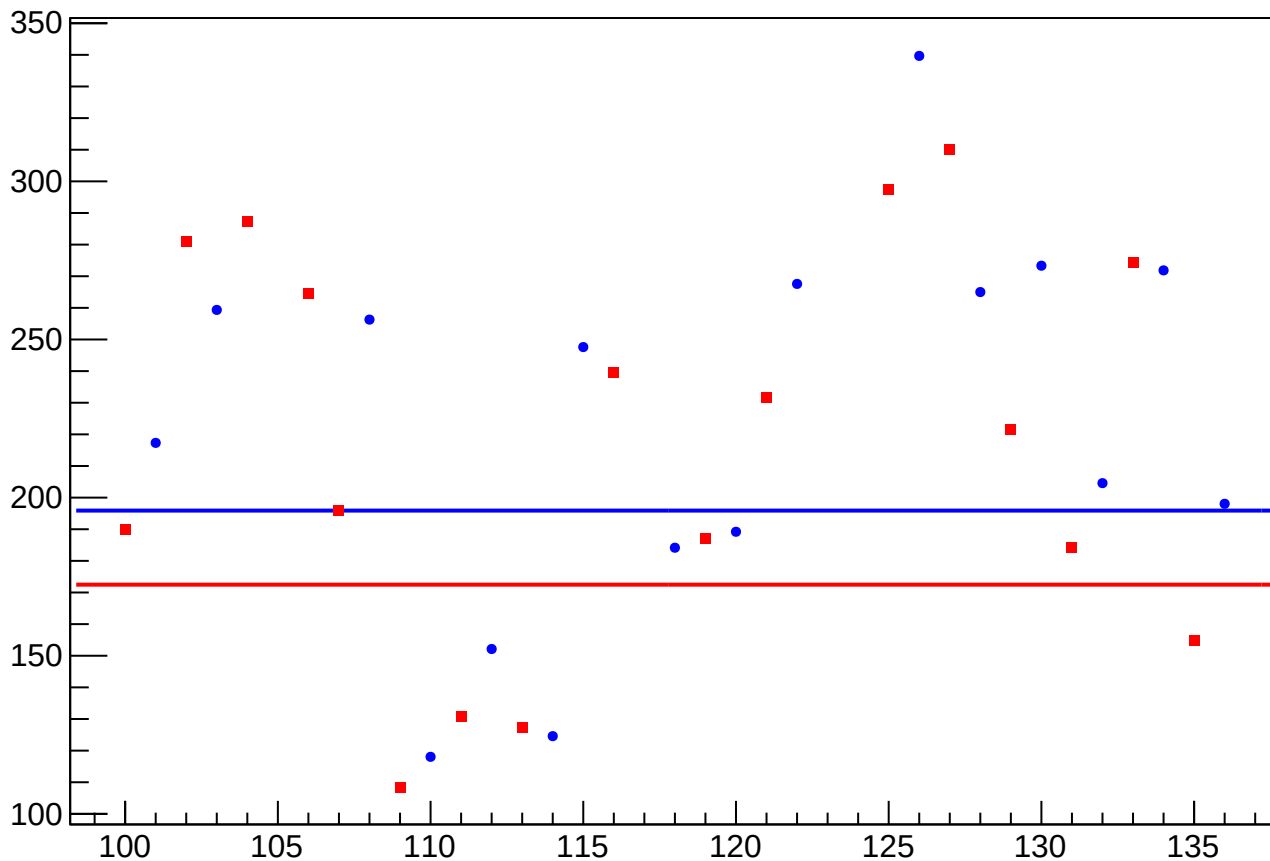
Right: -84.172+/-51.823 χ^2/NDF : 28.1/32

In: -37.241+/-76.915 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -84.172+/-51.823 χ^2/NDF : 28.1/32

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: 172.478+/-0.050 χ^2/NDF : 1540963.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

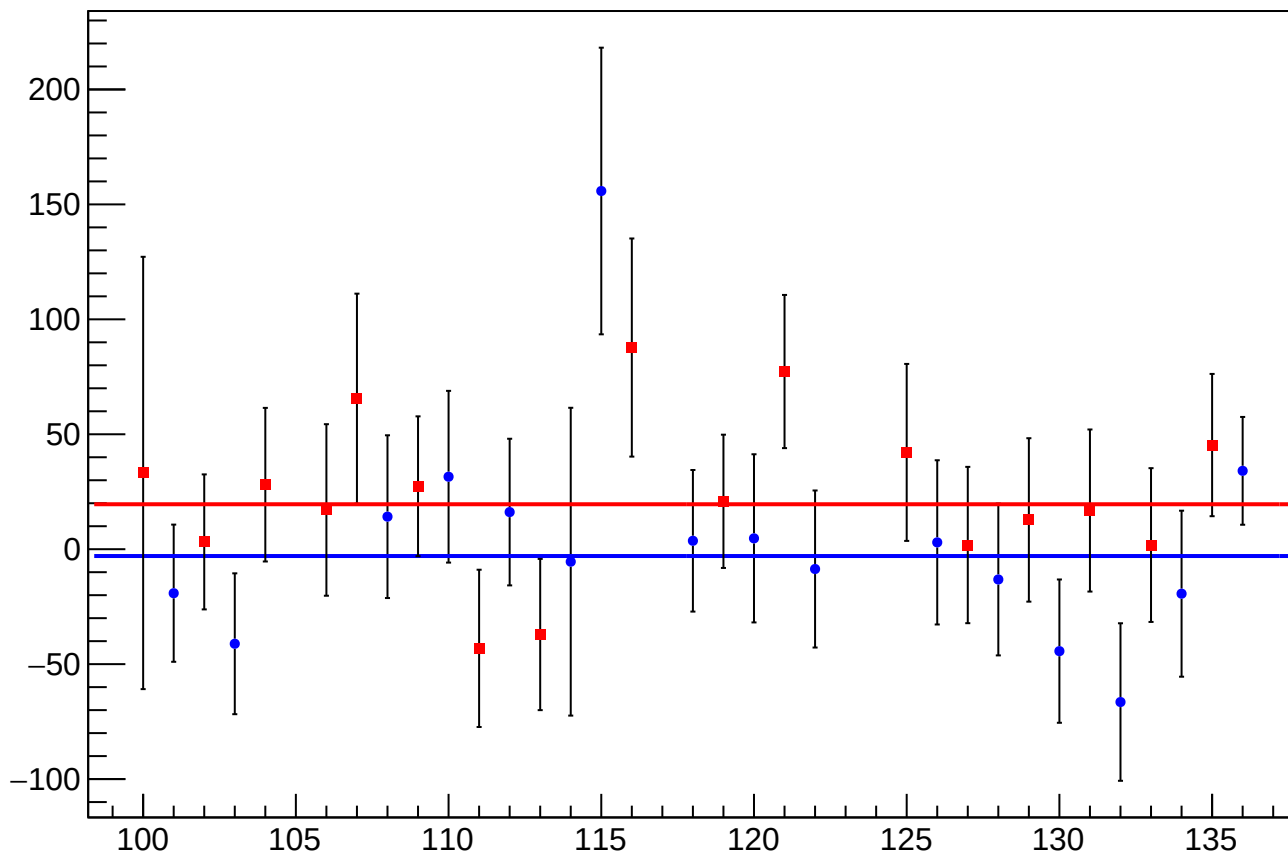
Right: 183.111+/-0.037 χ^2/NDF : 2653238.7/32

In: 195.900+/-0.054 χ^2/NDF : 1011012.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.111+/-0.037 χ^2/NDF : 2653238.7/32

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: 19.558+/-8.502 χ^2/NDF : 14.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

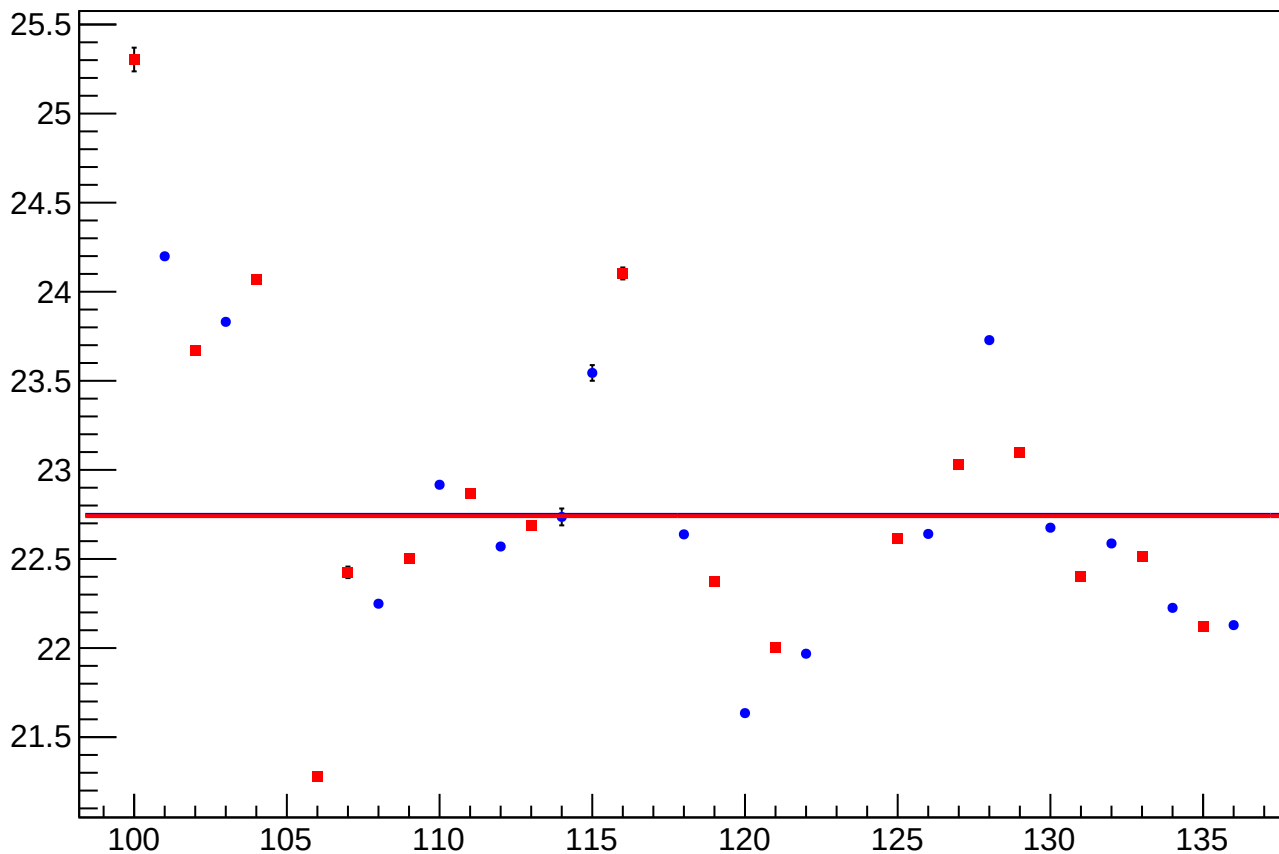
Right: 8.232+/-5.995 χ^2/NDF : 36.0/32

In: -2.967+/-8.454 χ^2/NDF : 17.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.232+/-5.995 χ^2/NDF : 36.0/32

asym_bcm_dg_us_an_ds_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: 22.741+/-0.006 χ^2/NDF : 14333.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

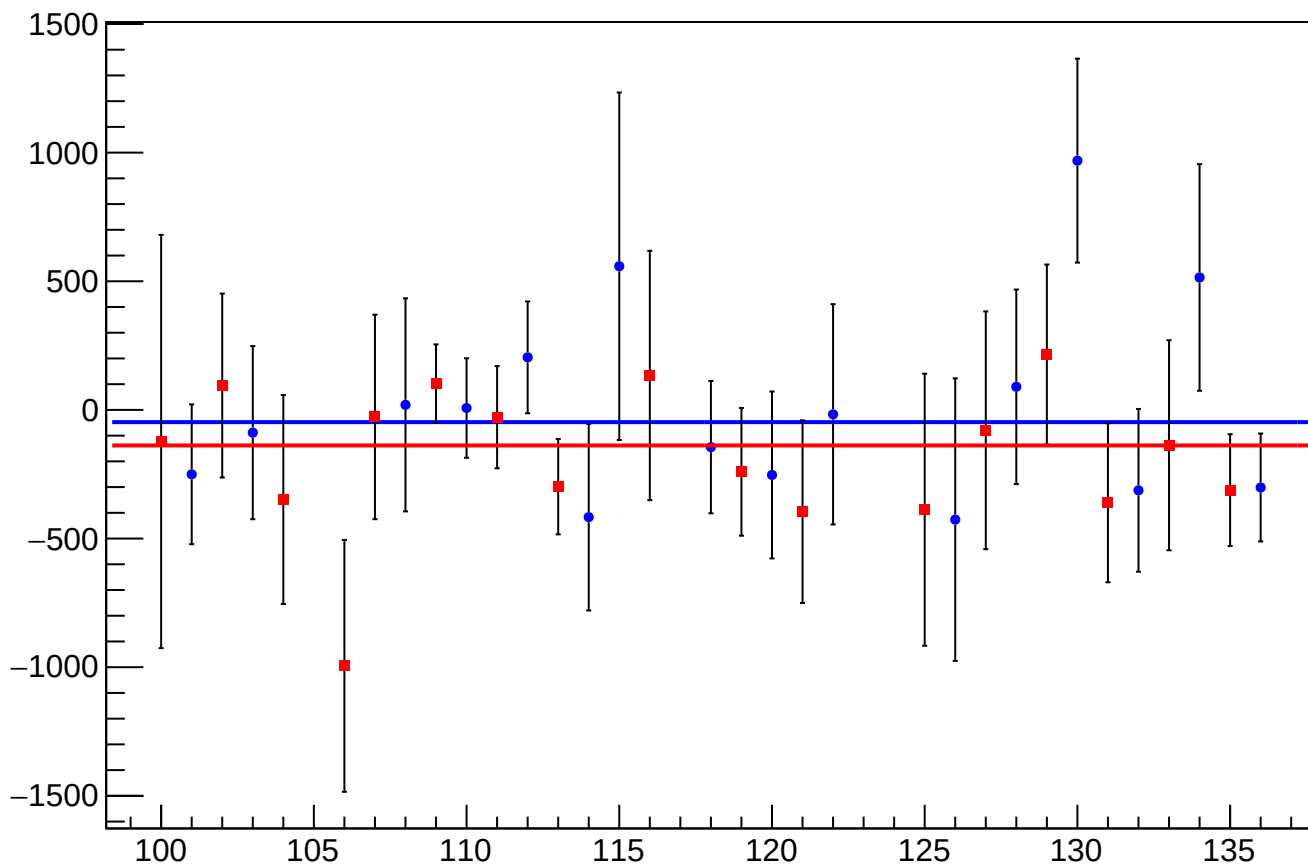
Right: 22.744+/-0.004 χ^2/NDF : 28956.7/32

In: 22.747+/-0.006 χ^2/NDF :14622.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.744+/-0.004 χ^2/NDF : 28956.7/32

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: -138.158 ± 69.631 χ^2/NDF : 10.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

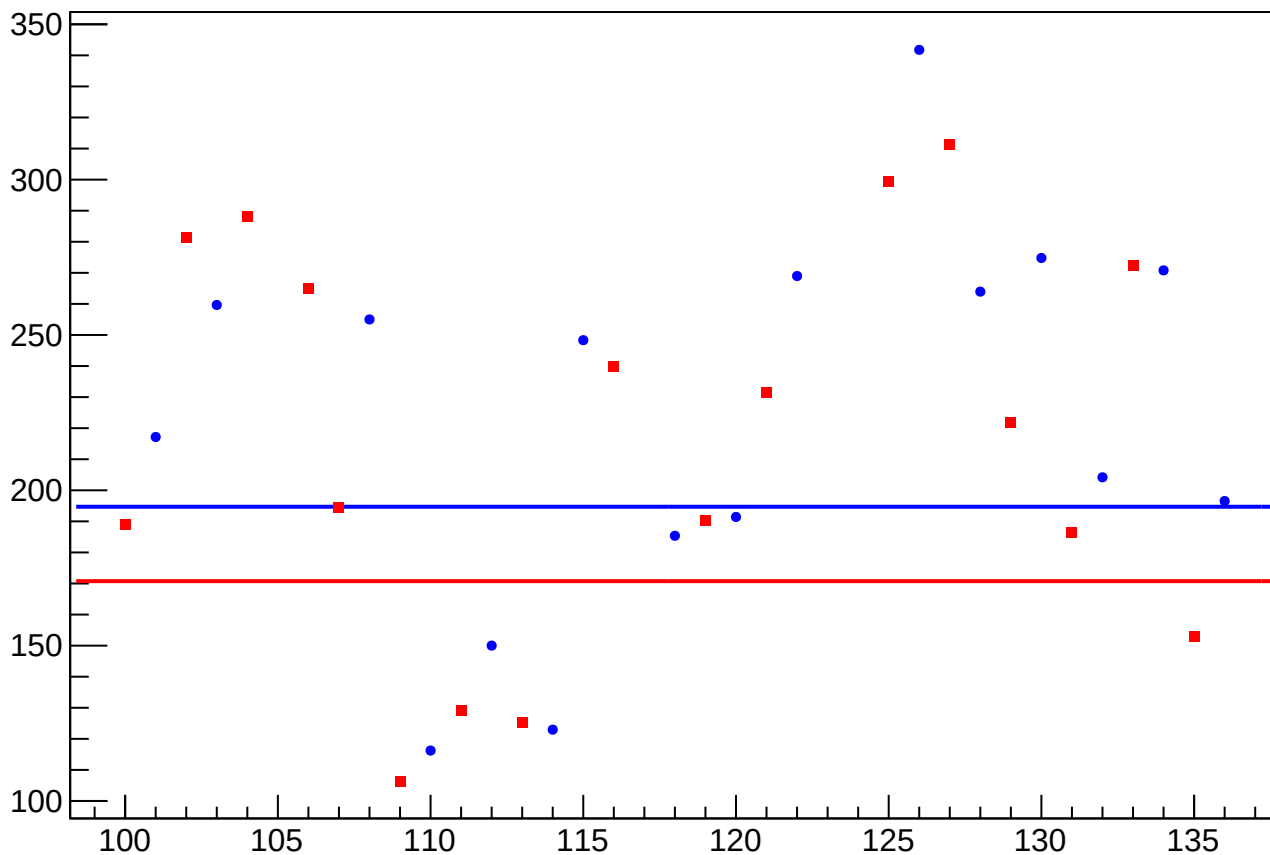
Right: -97.133 ± 51.516 χ^2/NDF : 27.0/32

In: -47.523 ± 76.571 χ^2/NDF : 15.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -97.133 ± 51.516 χ^2/NDF : 27.0/32

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: 170.760+/-0.049 χ^2/NDF : 1609591.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

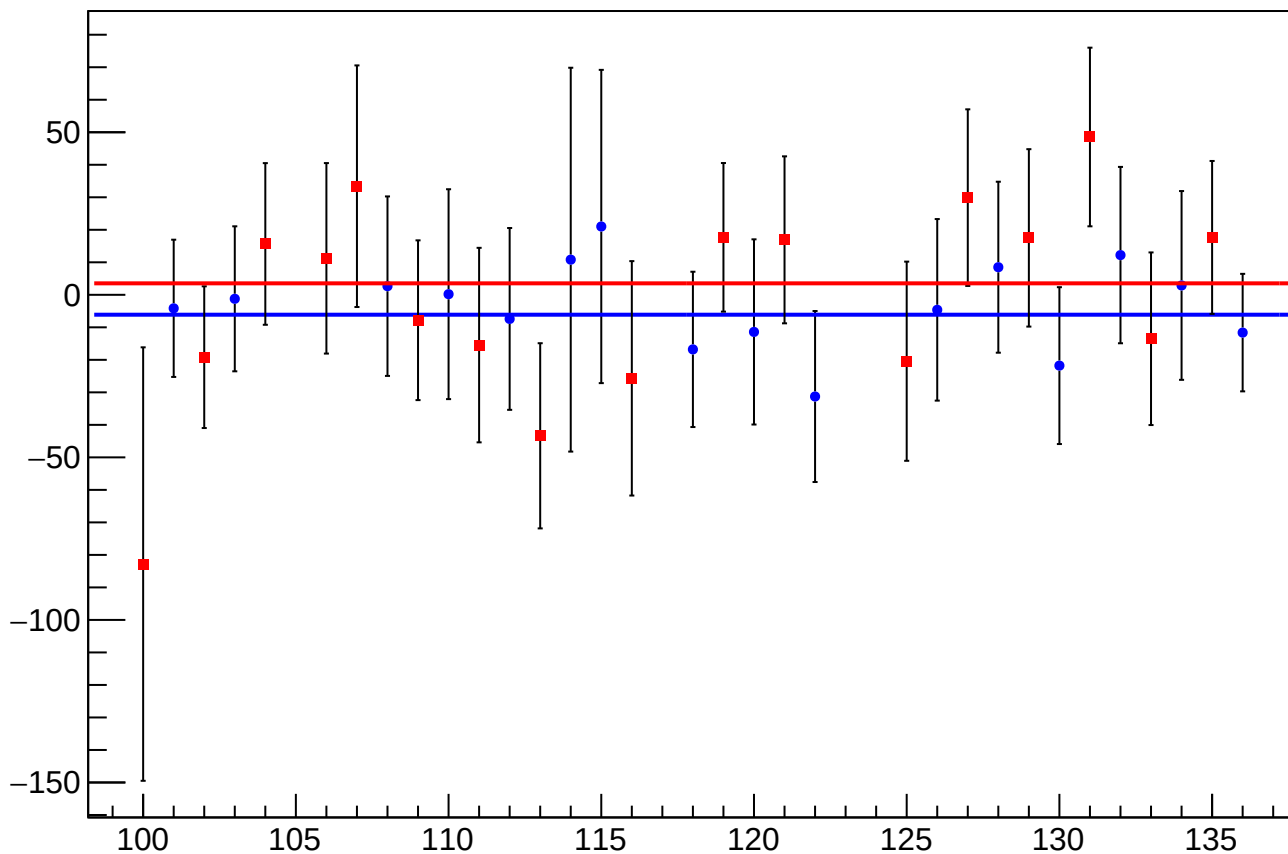
Right: 181.600+/-0.036 χ^2/NDF : 2768965.7/32

In: 194.708+/-0.054 χ^2/NDF :1052288.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 181.600+/-0.036 χ^2/NDF : 2768965.7/32

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: 3.530+/-6.687 χ^2/NDF : 13.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

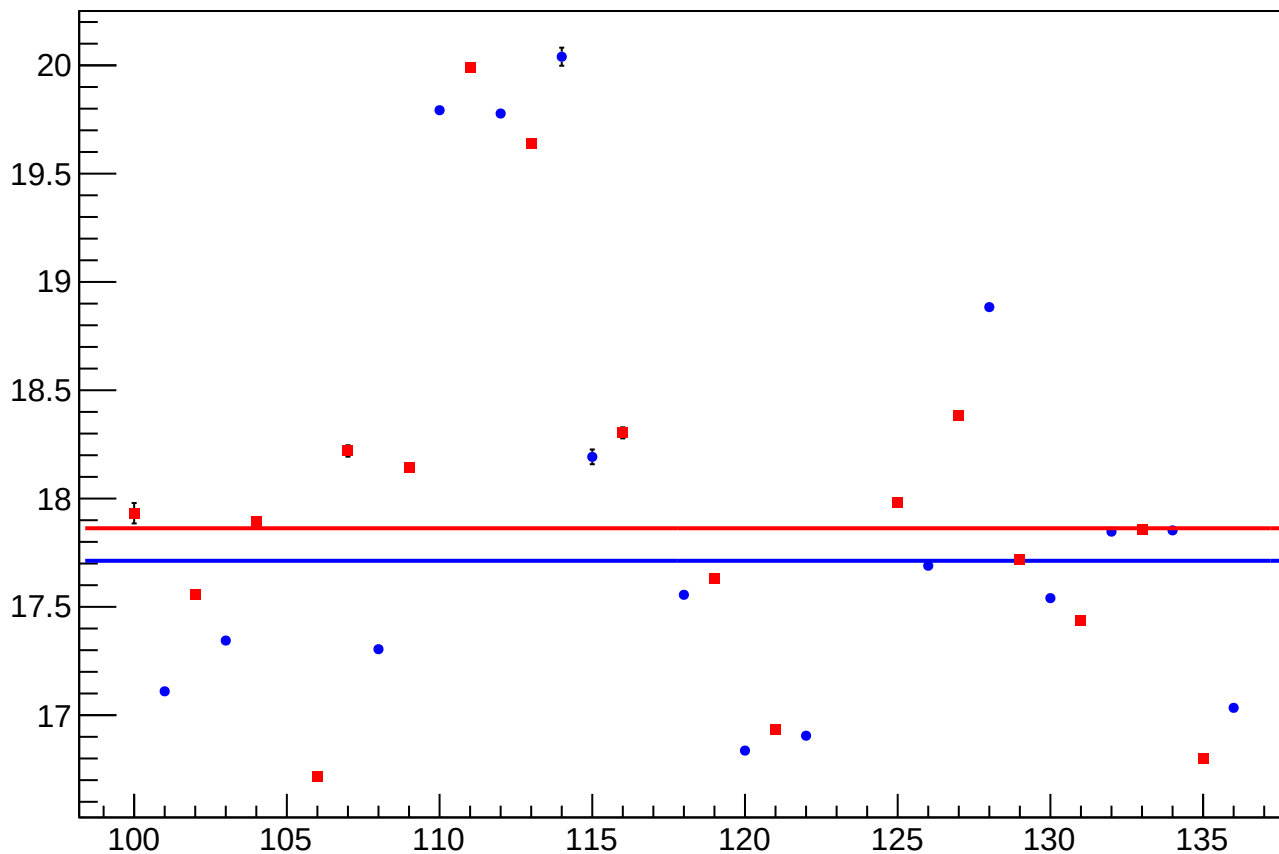
Right: -1.364+/-4.695 χ^2/NDF : 17.8/32

In: -6.119+/-6.592 χ^2/NDF : 3.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.364+/-4.695 χ^2/NDF : 17.8/32

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: 17.863+/-0.005 χ^2 /NDF: 30289.3/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

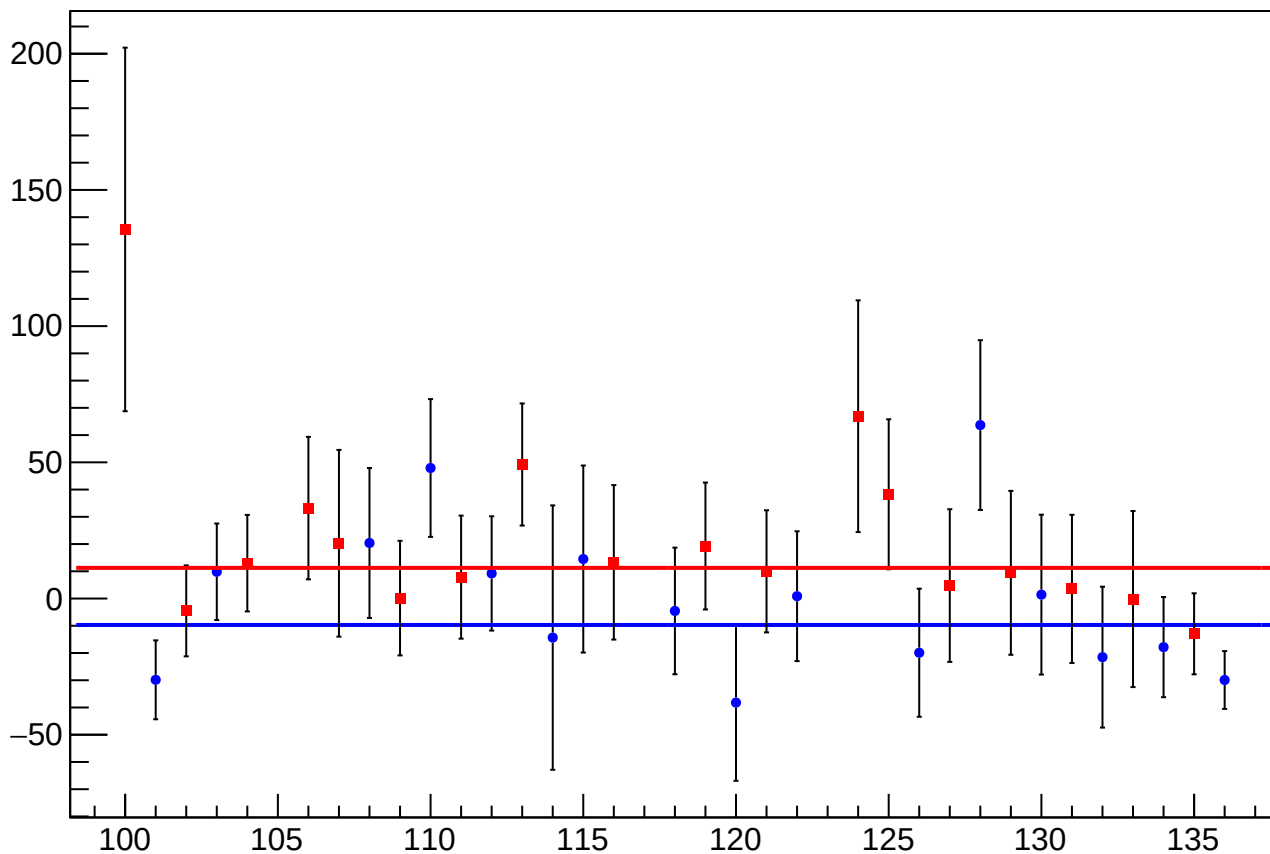
Right: 17.787+/-0.003 χ^2 /NDF: 66784.4/32

In: 17.713+/-0.005 χ^2 /NDF:35983.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.787+/-0.003 χ^2 /NDF: 66784.4/32

diff_bpm_4aX_4acX_avg_mean vs Slug, Sign Corrected



Right In: -9.702 $\pm$ 5.231 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 11.263 $\pm$ 5.618 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

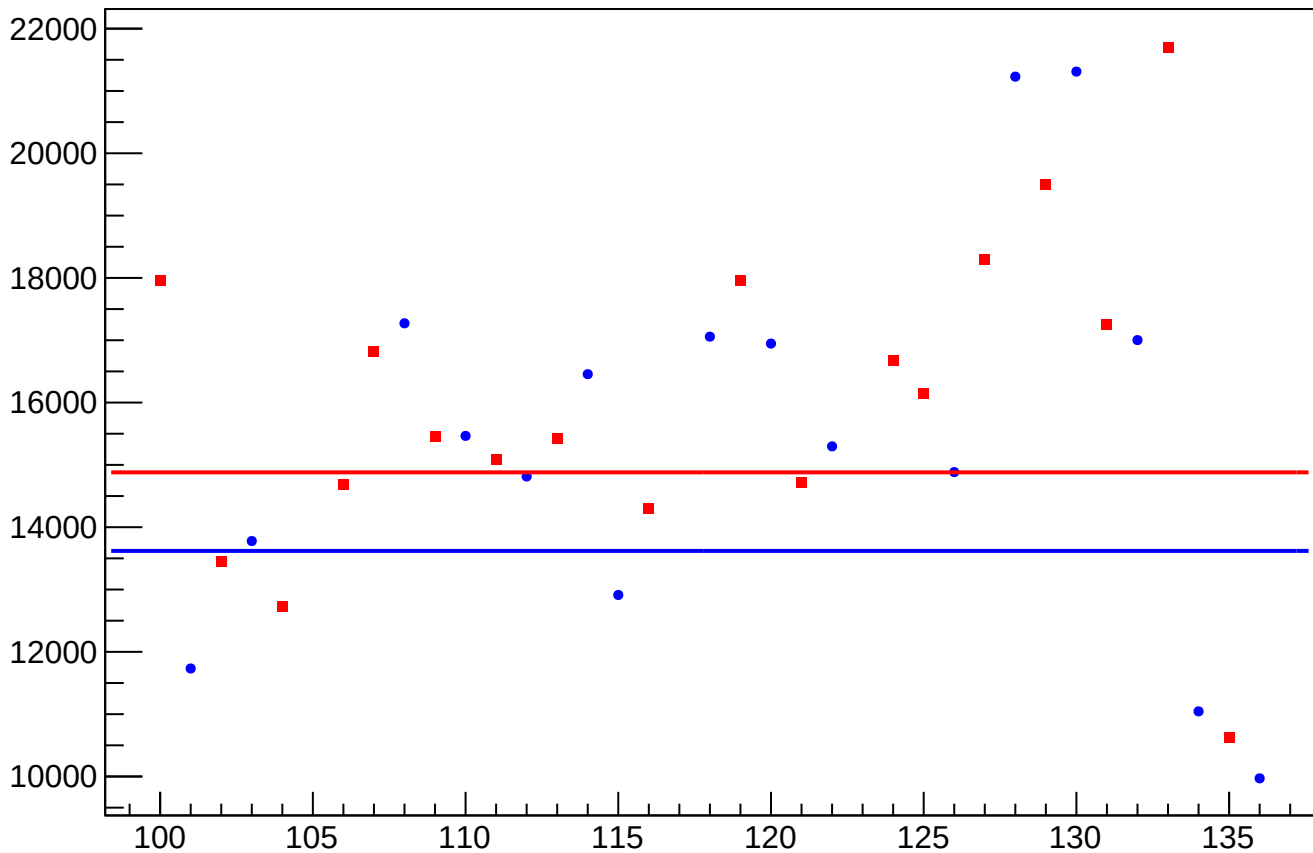
Right: 0.035 $\pm$ 3.829 χ^2 /NDF: 43.5/33

In: -9.702 $\pm$ 5.231 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.035 $\pm$ 3.829 χ^2 /NDF: 43.5/33

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: 14880.150+/-3.972 χ^2/NDF : 447168.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

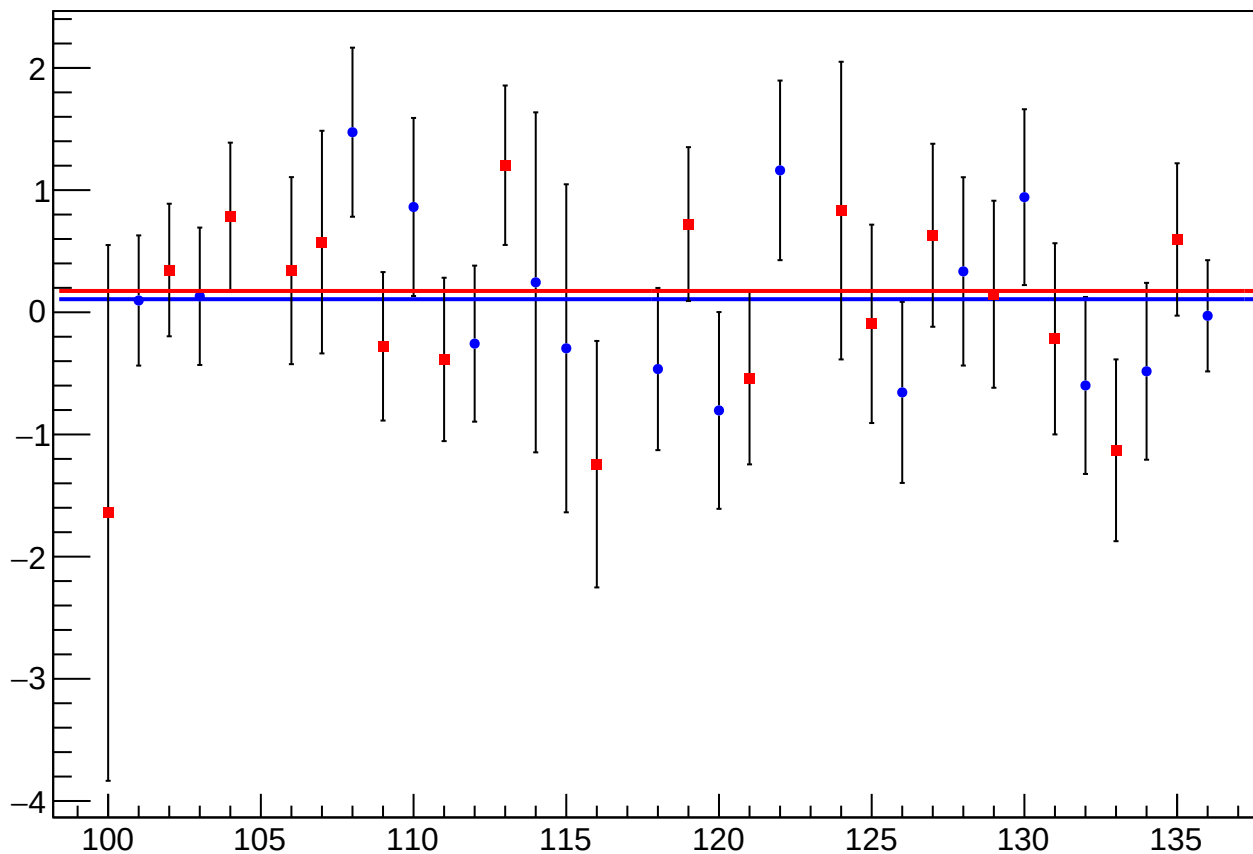
Right: 14205.152+/-2.707 χ^2/NDF : 1248062.7/33

In: 13619.845+/-3.699 χ^2/NDF : 746985.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14205.152+/-2.707 χ^2/NDF : 1248062.7/33

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: 0.175 $\pm$ 0.172 χ^2 /NDF: 14.1/17

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

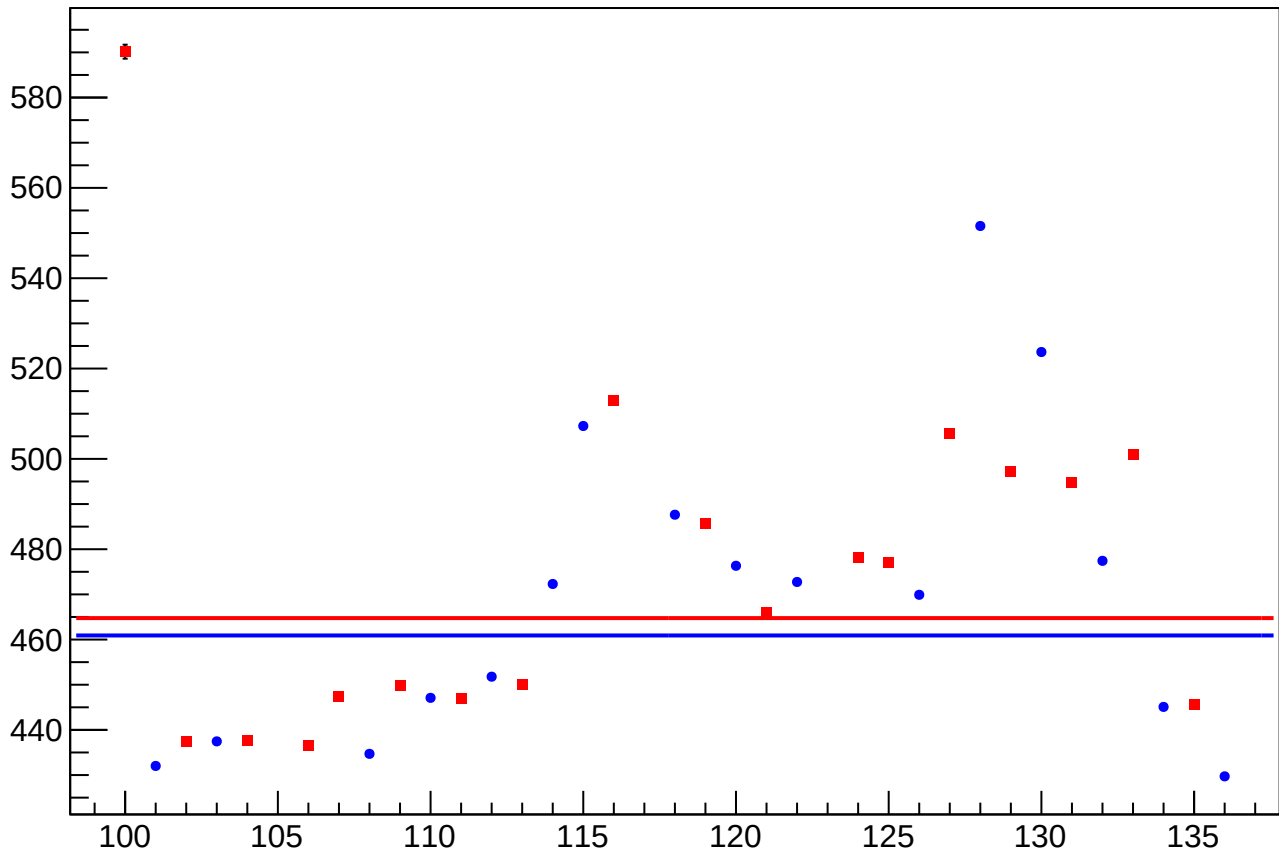
Right: 0.141 $\pm$ 0.122 χ^2 /NDF: 27.8/33

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: 0.141 $\pm$ 0.122 χ^2 /NDF: 27.8/33

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: 464.749+/-0.122 χ^2/NDF : 49243.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

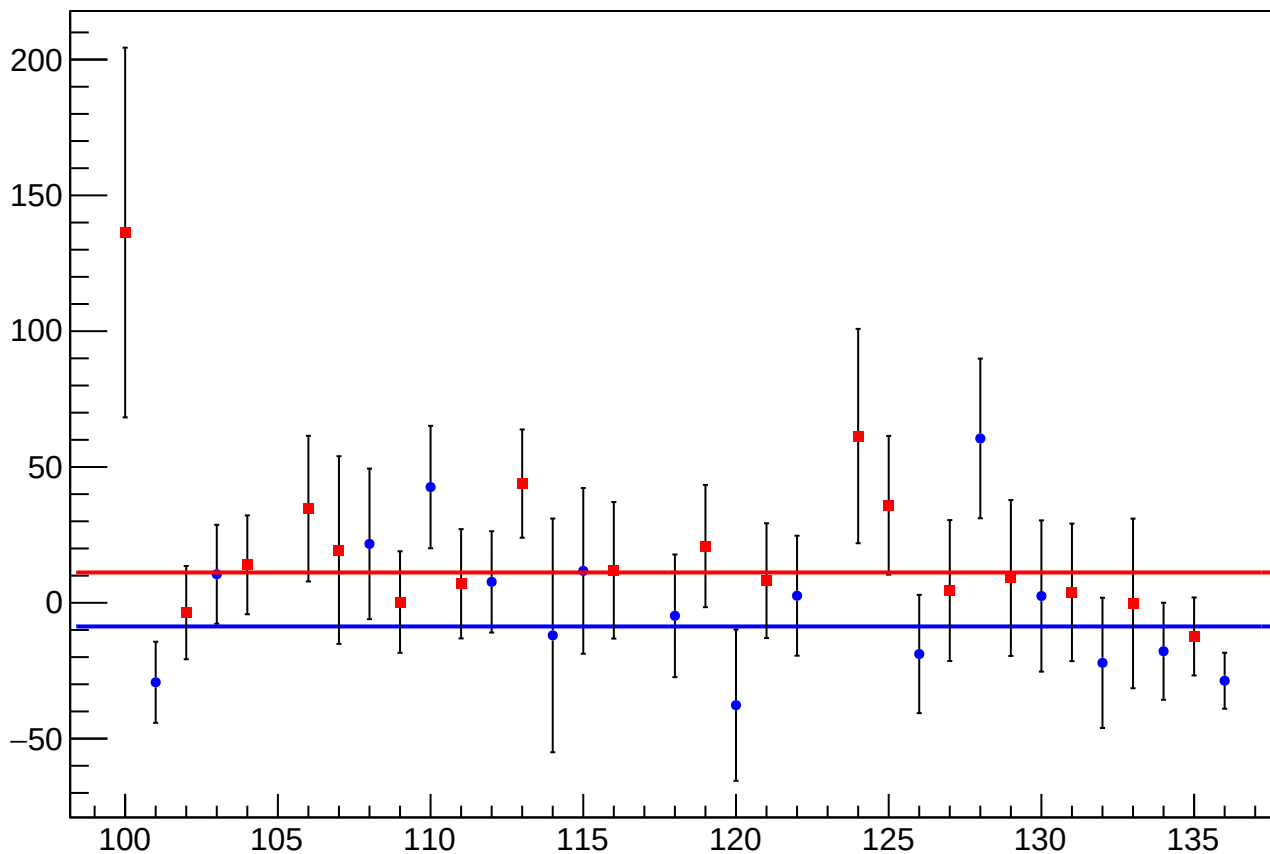
Right: 462.822+/-0.086 χ^2/NDF : 124672.4/33

In: 460.906+/-0.121 χ^2/NDF : 74930.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 462.822+/-0.086 χ^2/NDF : 124672.4/33

diff_bpm_4aX_4eX_avg_mean vs Slug, Sign Corrected



Right In: -8.707 ± 5.036 $\chi^2/\text{NDF}: 22.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.167 ± 5.359 $\chi^2/\text{NDF}: 13.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

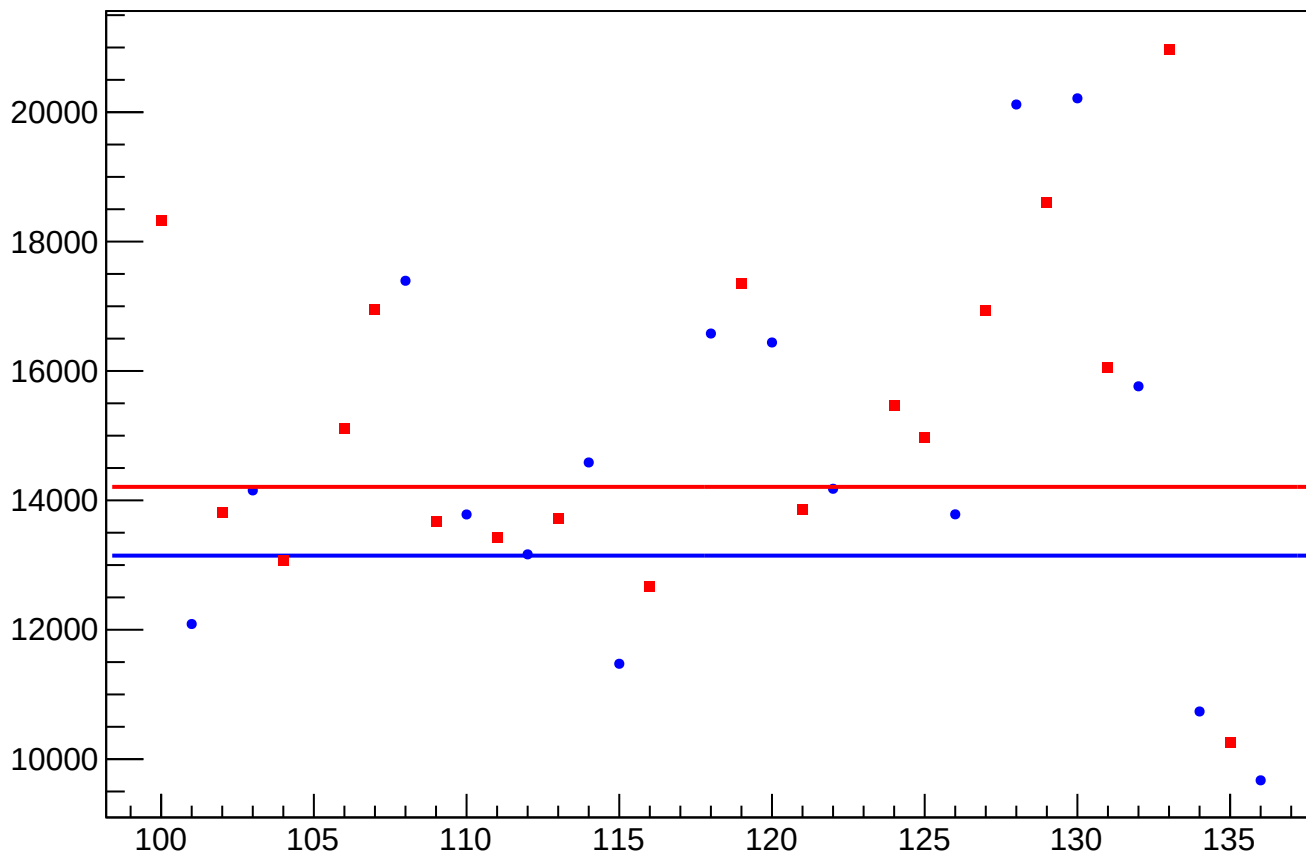
Right: 0.613 ± 3.670 $\chi^2/\text{NDF}: 43.4/33$

In: -8.707 ± 5.036 $\chi^2/\text{NDF}: 22.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.613 ± 3.670 $\chi^2/\text{NDF}: 43.4/33$

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: 14208.486+/-3.789 χ^2/NDF : 413089.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

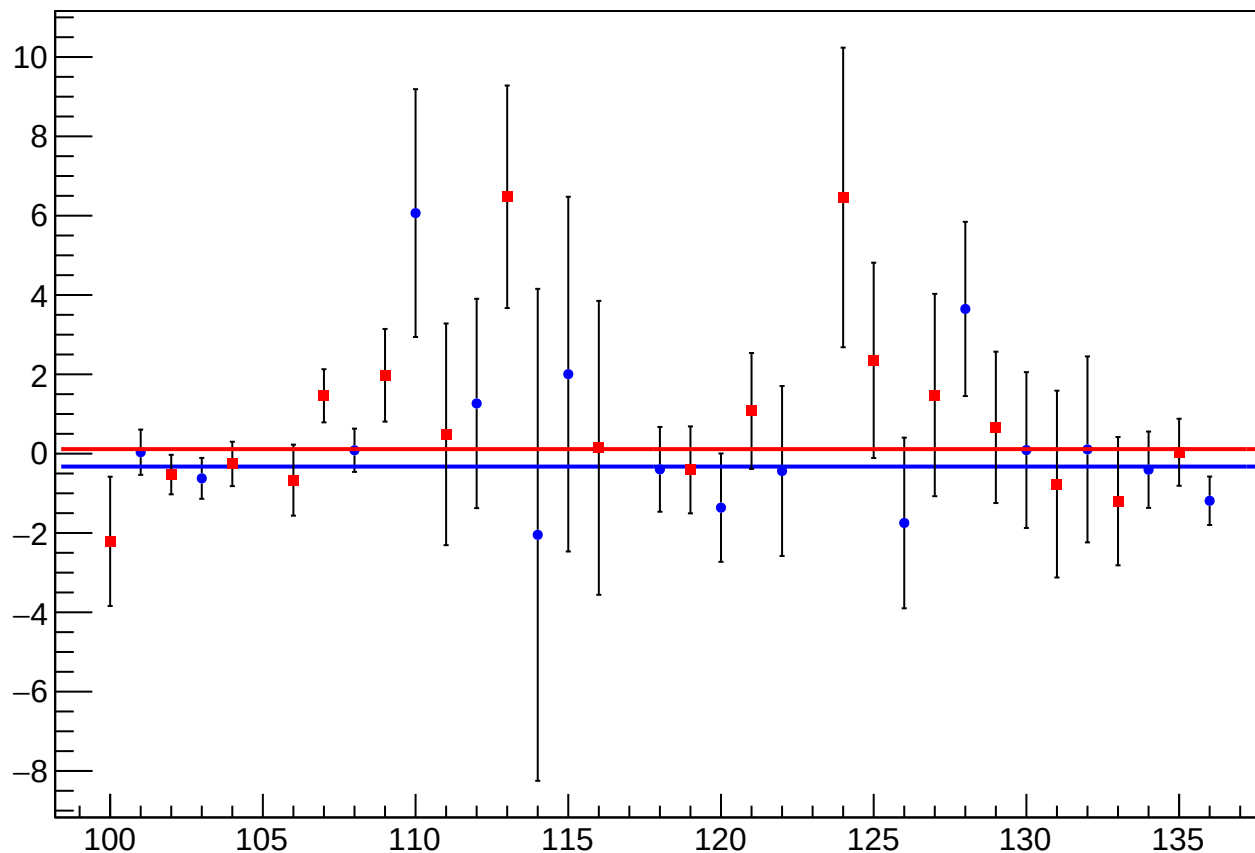
Right: 13644.197+/-2.595 χ^2/NDF : 1137475.1/33

In: 13145.853+/-3.561 χ^2/NDF : 682620.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13644.197+/-2.595 χ^2/NDF : 1137475.1/33

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: 0.115+/-0.249 χ^2/NDF : 22.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

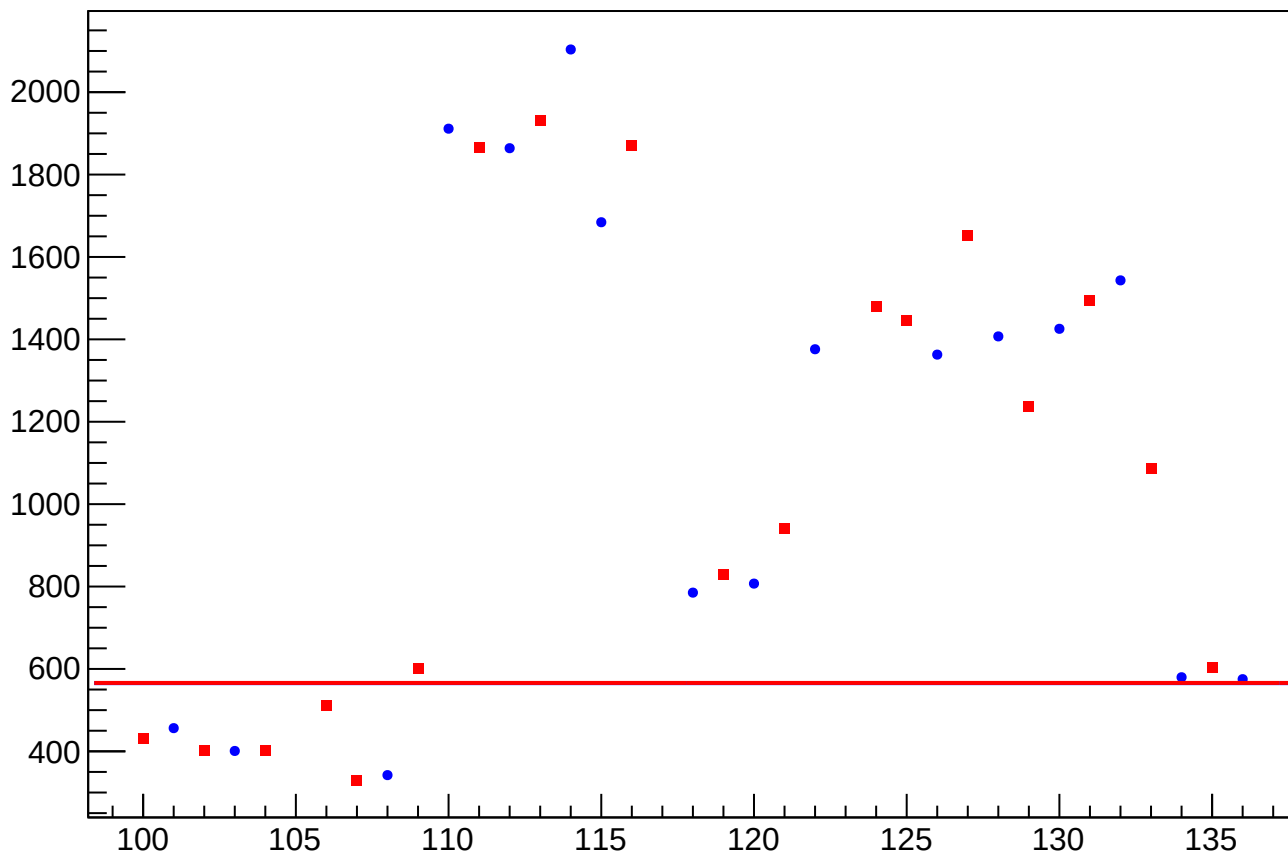
Right: -0.110+/-0.174 χ^2/NDF : 36.3/33

In: -0.326+/-0.244 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.110+/-0.174 χ^2/NDF : 36.3/33

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: 566.038+/-0.176 χ^2/NDF : 3571094.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

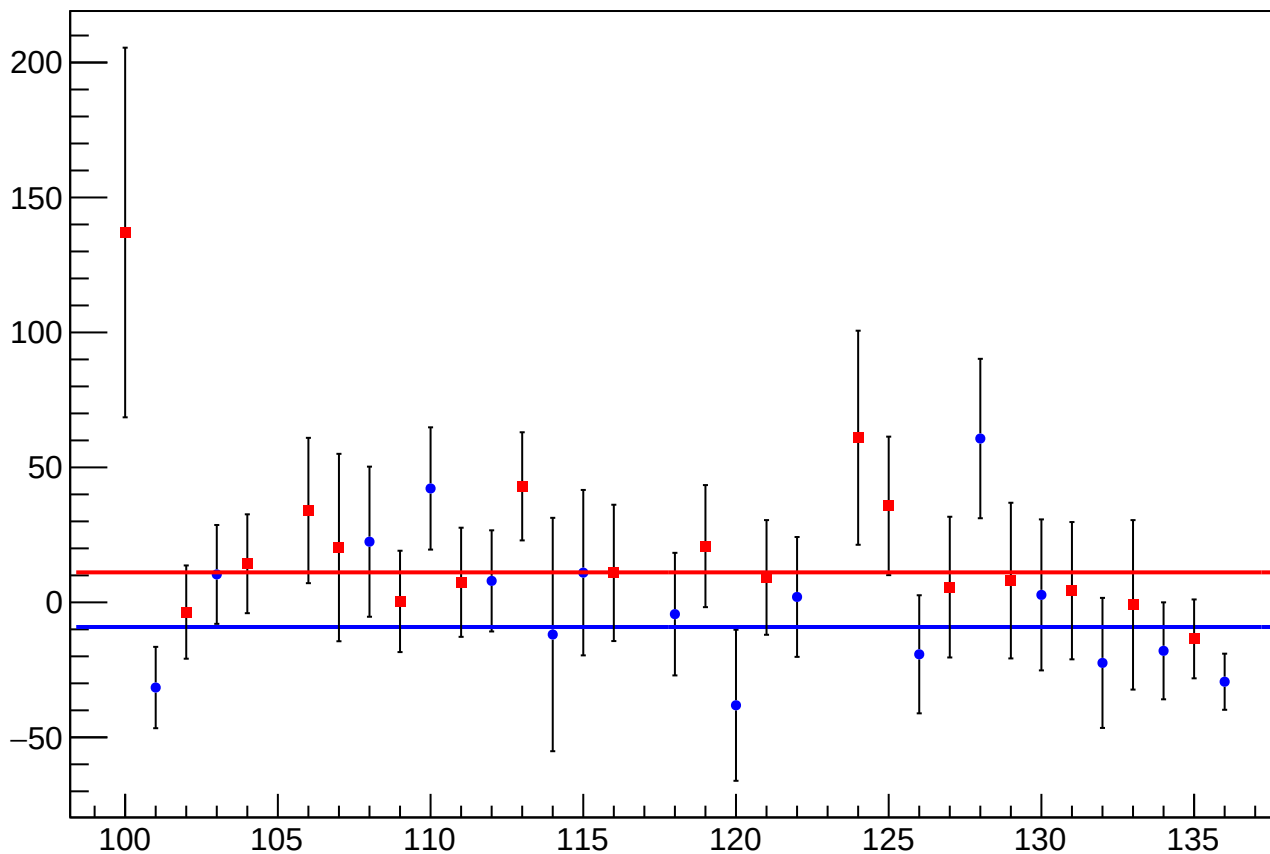
Right: 565.779+/-0.123 χ^2/NDF : 7021632.1/33

In: 565.531+/-0.173 χ^2/NDF :3450533.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 565.779+/-0.123 χ^2/NDF : 7021632.1/33

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: 11.115+/-5.396 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

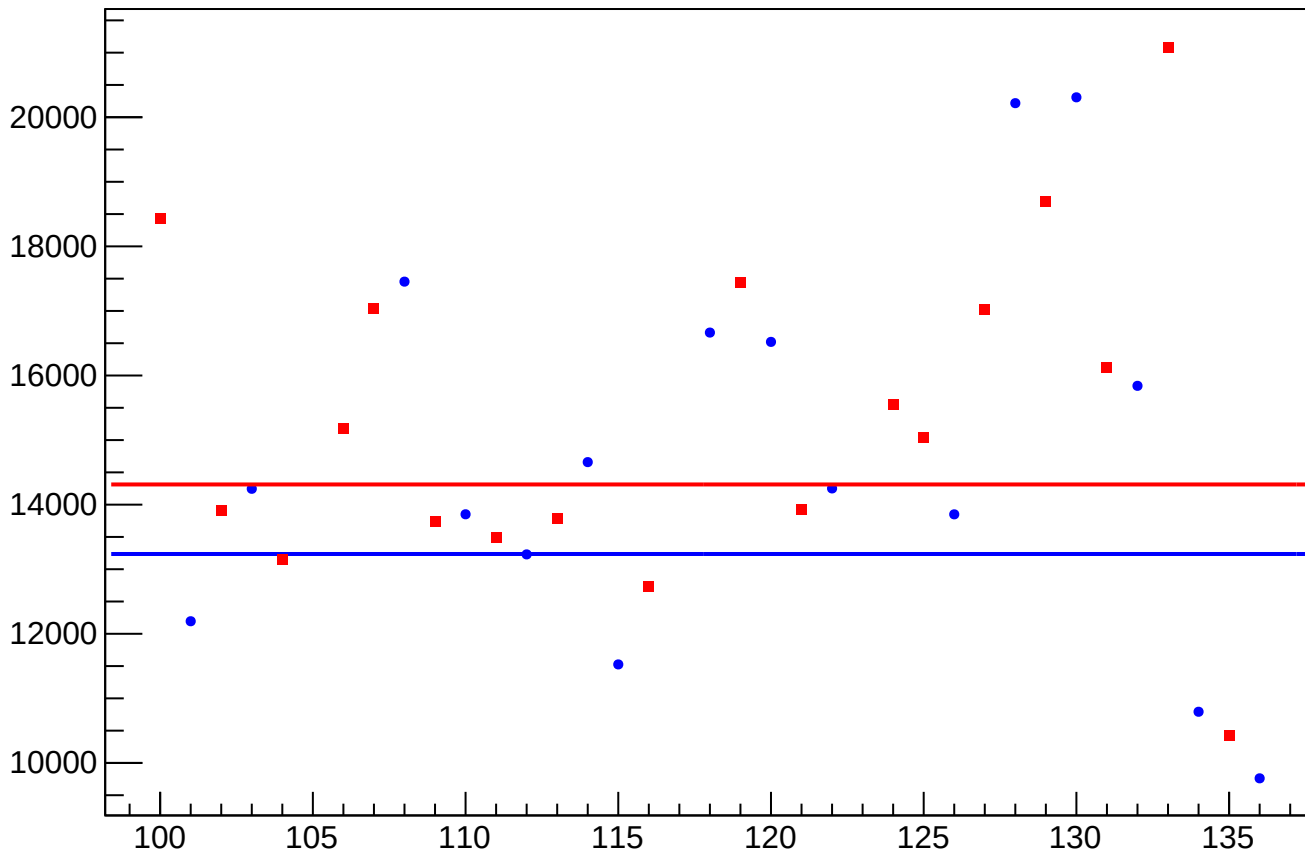
Right: 0.361+/-3.695 χ^2/NDF : 43.9/33

In: -9.130+/-5.069 χ^2/NDF : 22.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.361+/-3.695 χ^2/NDF : 43.9/33

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: 14312.768+/-3.815 χ^2/NDF : 400135.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

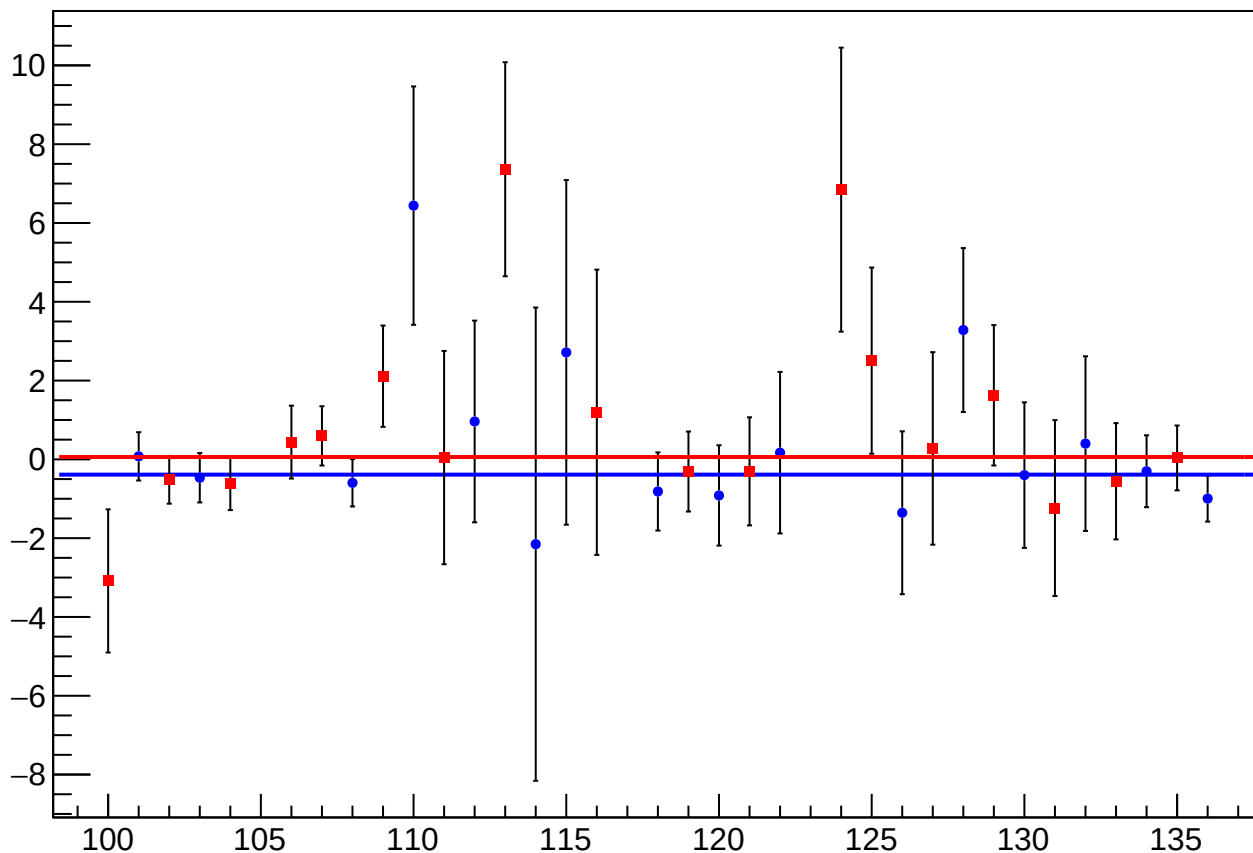
Right: 13740.728+/-2.612 χ^2/NDF : 1116341.8/33

In: 13235.828+/-3.585 χ^2/NDF :673887.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 13740.728+/-2.612 χ^2/NDF : 1116341.8/33

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: 0.059 ± 0.272 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

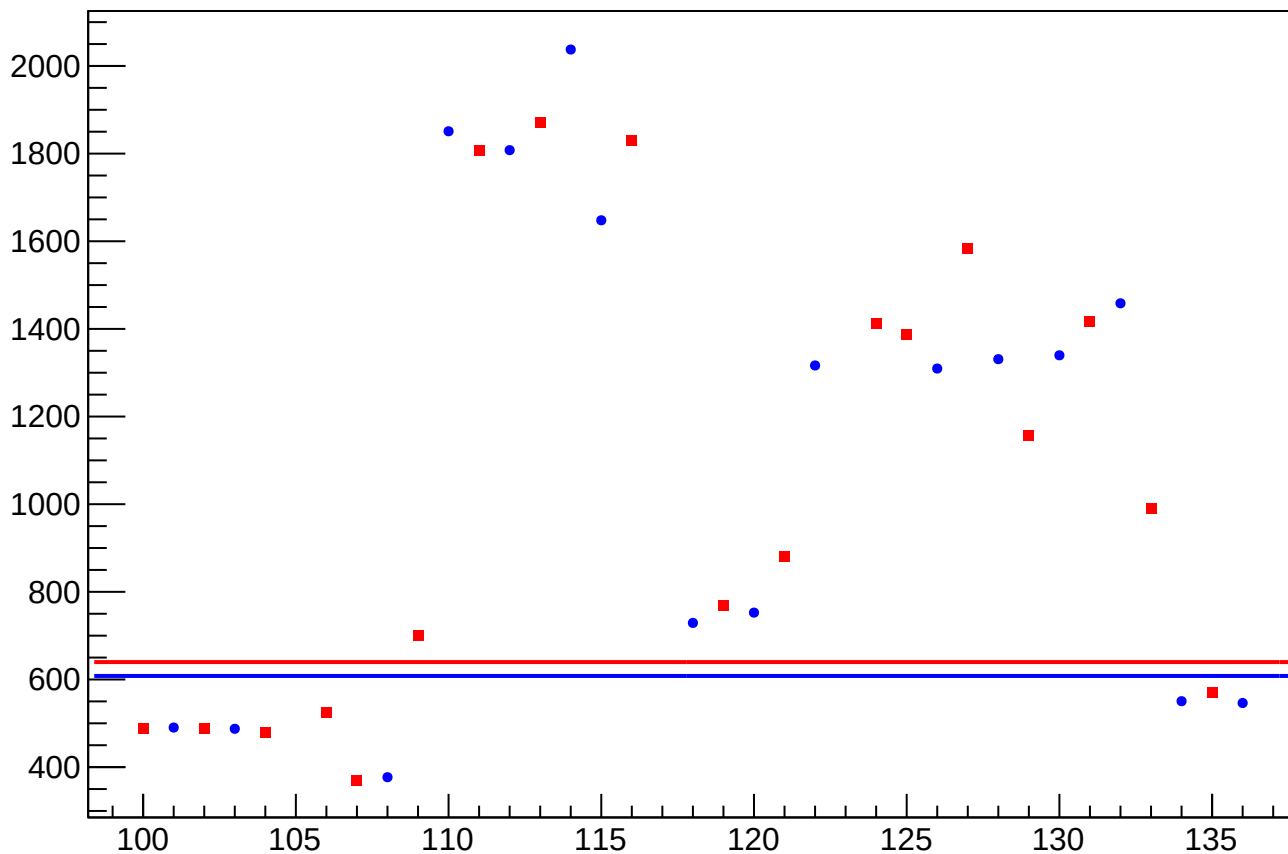
Right: -0.178 ± 0.186 χ^2/NDF : 34.7/33

In: -0.388 ± 0.256 χ^2/NDF : 11.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.178 ± 0.186 χ^2/NDF : 34.7/33

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: 639.711+/-0.192 χ^2/NDF : 2770462.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

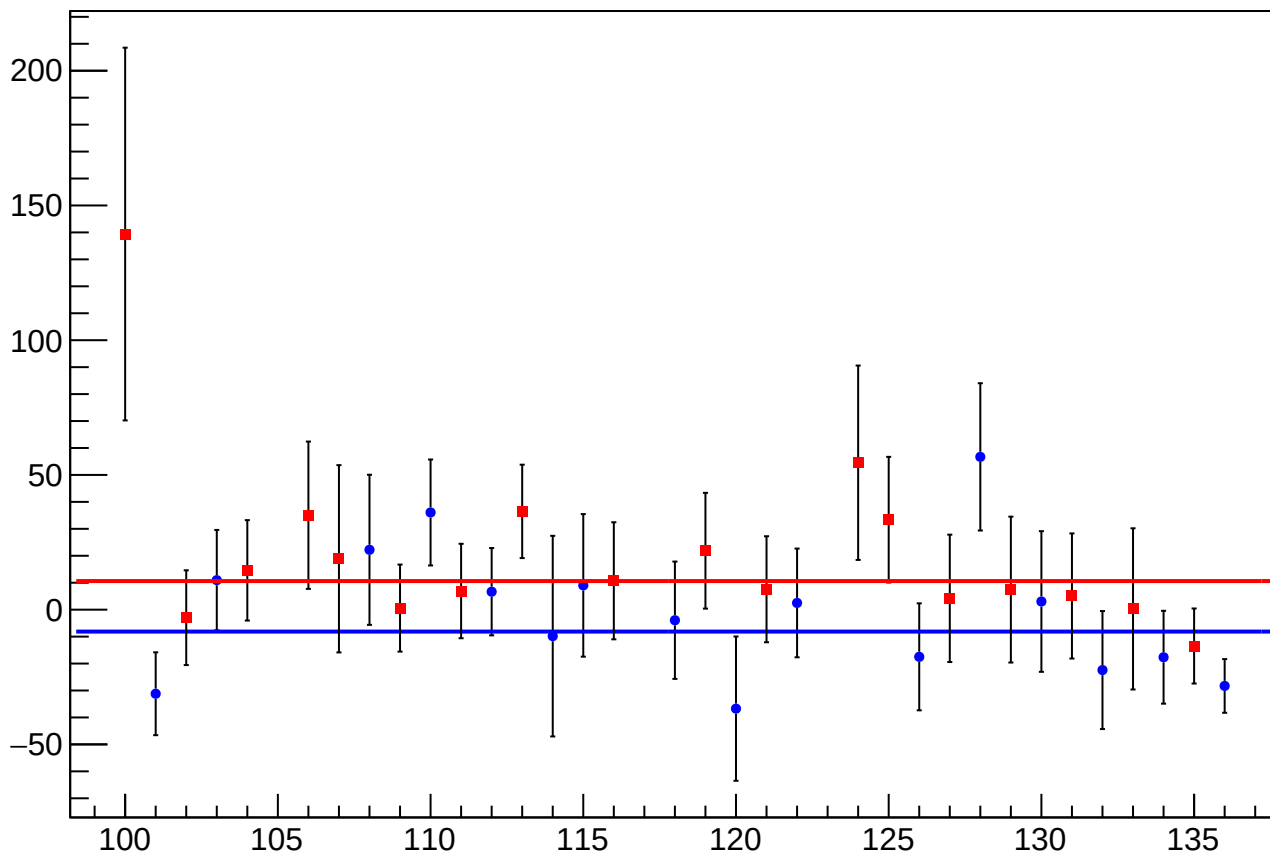
Right: 622.935+/-0.132 χ^2/NDF : 5637582.5/33

In: 608.063+/-0.181 χ^2/NDF : 2852722.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 622.935+/-0.132 χ^2/NDF : 5637582.5/33

diff_bpm_4eX_4ecX_avg_mean vs Slug, Sign Corrected



Right In: -8.132 $\pm$ -4.779 χ^2/NDF : 23.1/15

Left Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

Right Out: 10.617 $\pm$ -5.021 χ^2/NDF : 13.6/17

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

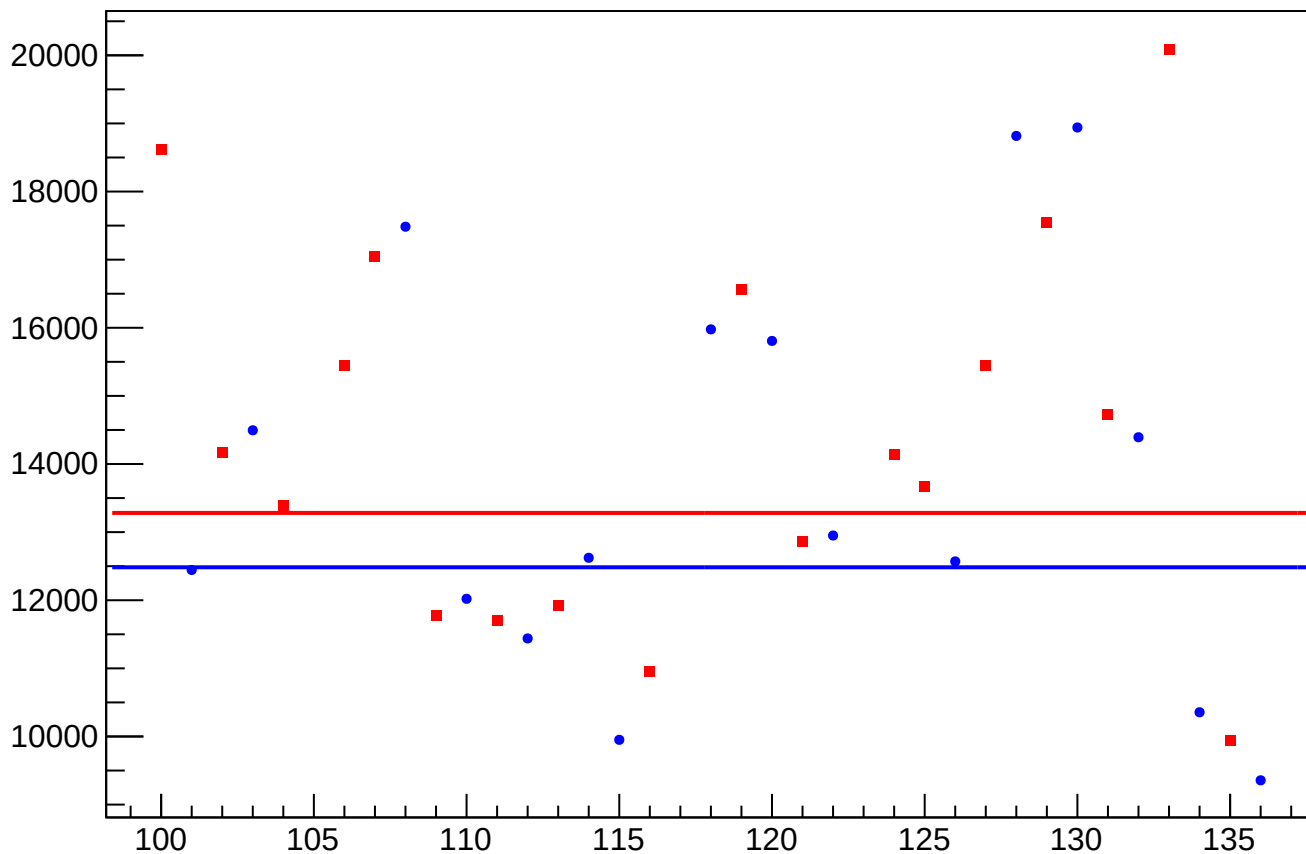
Right: 0.781 $\pm$ -3.462 χ^2/NDF : 44.1/33

In: -8.132 $\pm$ -4.779 χ^2/NDF :23.1/15

Out: 0.000 $\pm$ -0.000 χ^2/NDF :0.0/0

All: 0.781 $\pm$ -3.462 χ^2/NDF : 44.1/33

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: 13282.095+/-3.550 χ^2/NDF : 464840.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

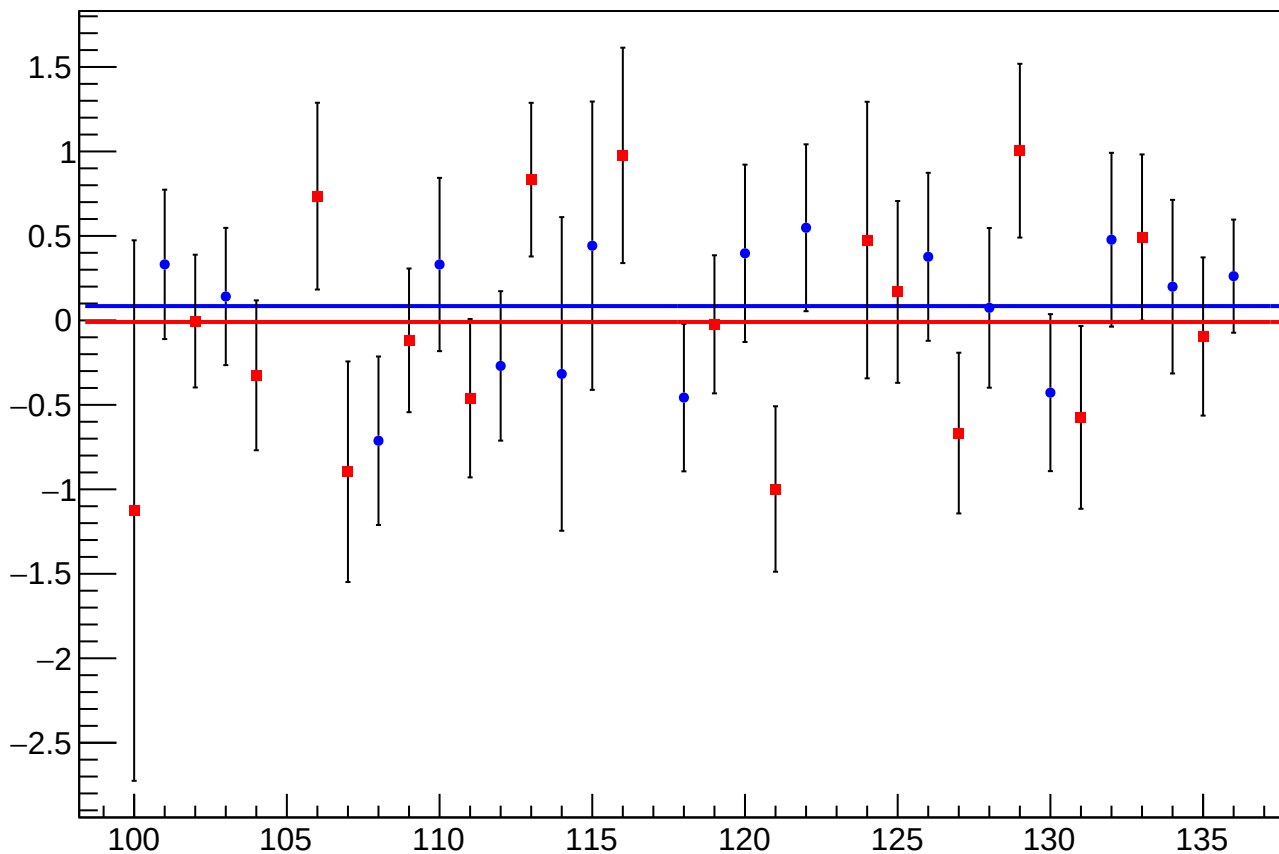
Right: 12863.365+/-2.448 χ^2/NDF : 1162917.3/33

In: 12483.955+/-3.379 χ^2/NDF :671560.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12863.365+/-2.448 χ^2/NDF : 1162917.3/33

diff_bpm_4eX_4ecX_dd_mean vs Slug, Sign Corrected



Right In: 0.085 $\pm$ 0.120 χ^2 /NDF: 9.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.009 $\pm$ 0.119 χ^2 /NDF: 24.0/17

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

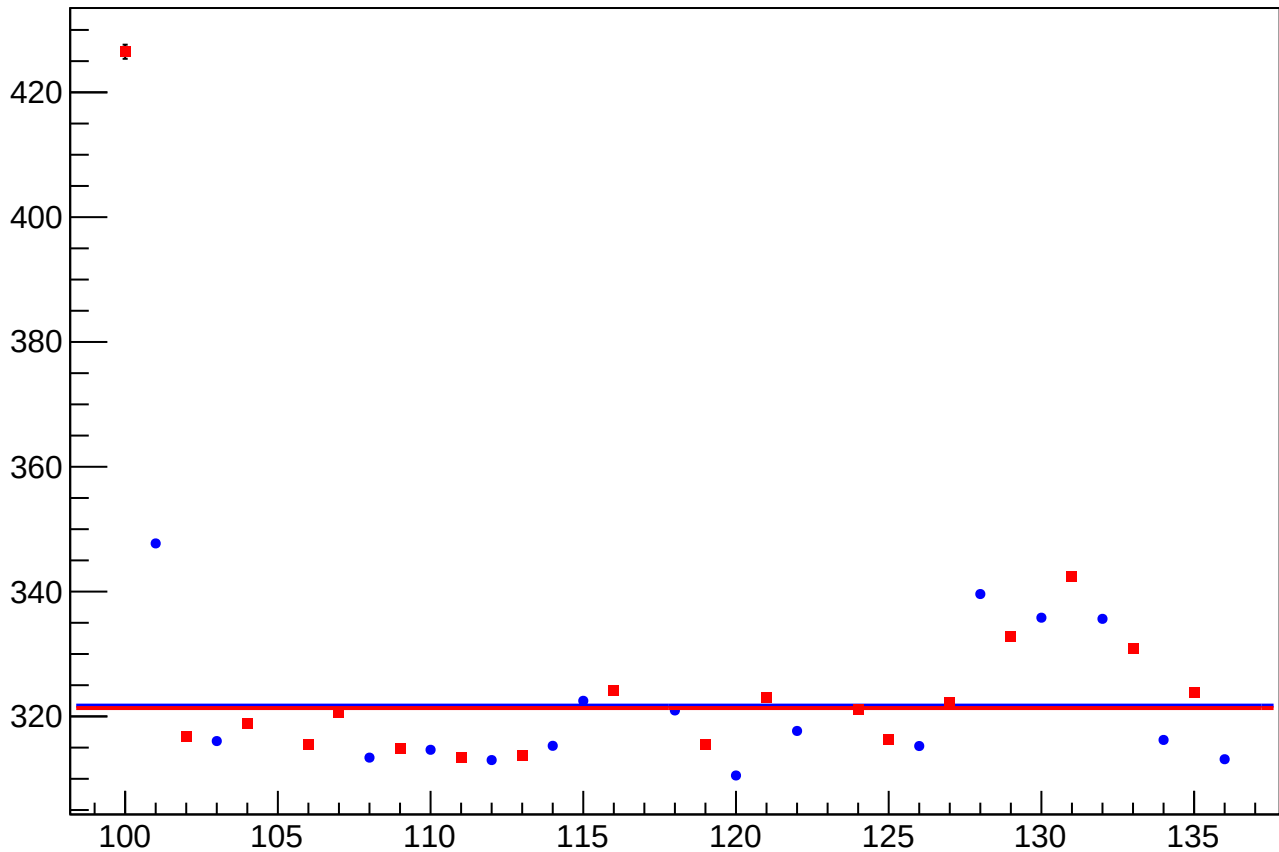
Right: 0.037 $\pm$ 0.085 χ^2 /NDF: 33.6/33

In: 0.085 $\pm$ 0.120 χ^2 /NDF:9.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.037 $\pm$ 0.085 χ^2 /NDF: 33.6/33

diff_bpm_4eX_4ecX_dd_rms vs Slug, Sign Corrected



Right In: 321.727+/-0.085 χ^2/NDF : 18214.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 321.337+/-0.084 χ^2/NDF : 16285.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

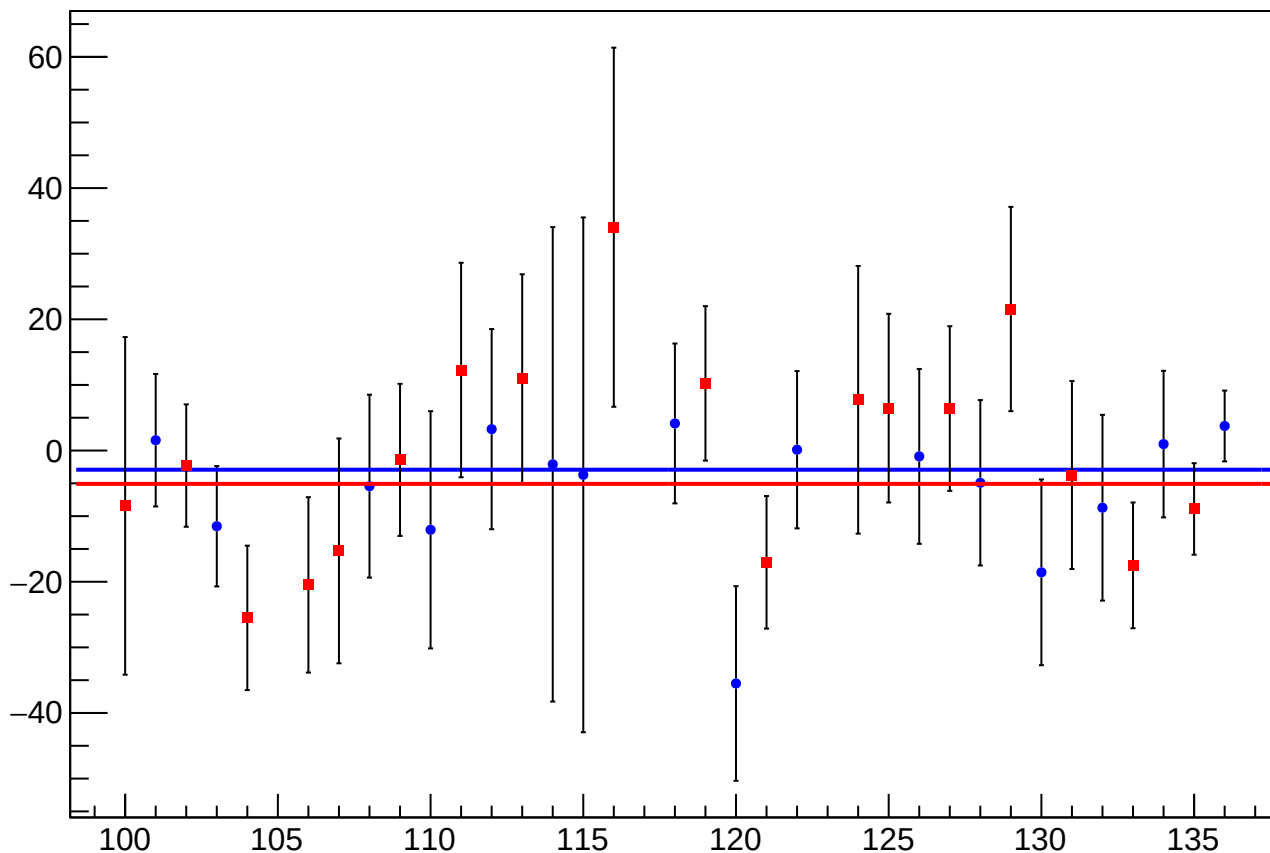
Right: 321.531+/-0.060 χ^2/NDF : 34510.8/33

In: 321.727+/-0.085 χ^2/NDF : 18214.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 321.531+/-0.060 χ^2/NDF : 34510.8/33

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: -5.079 ± 2.914 χ^2/NDF : 19.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

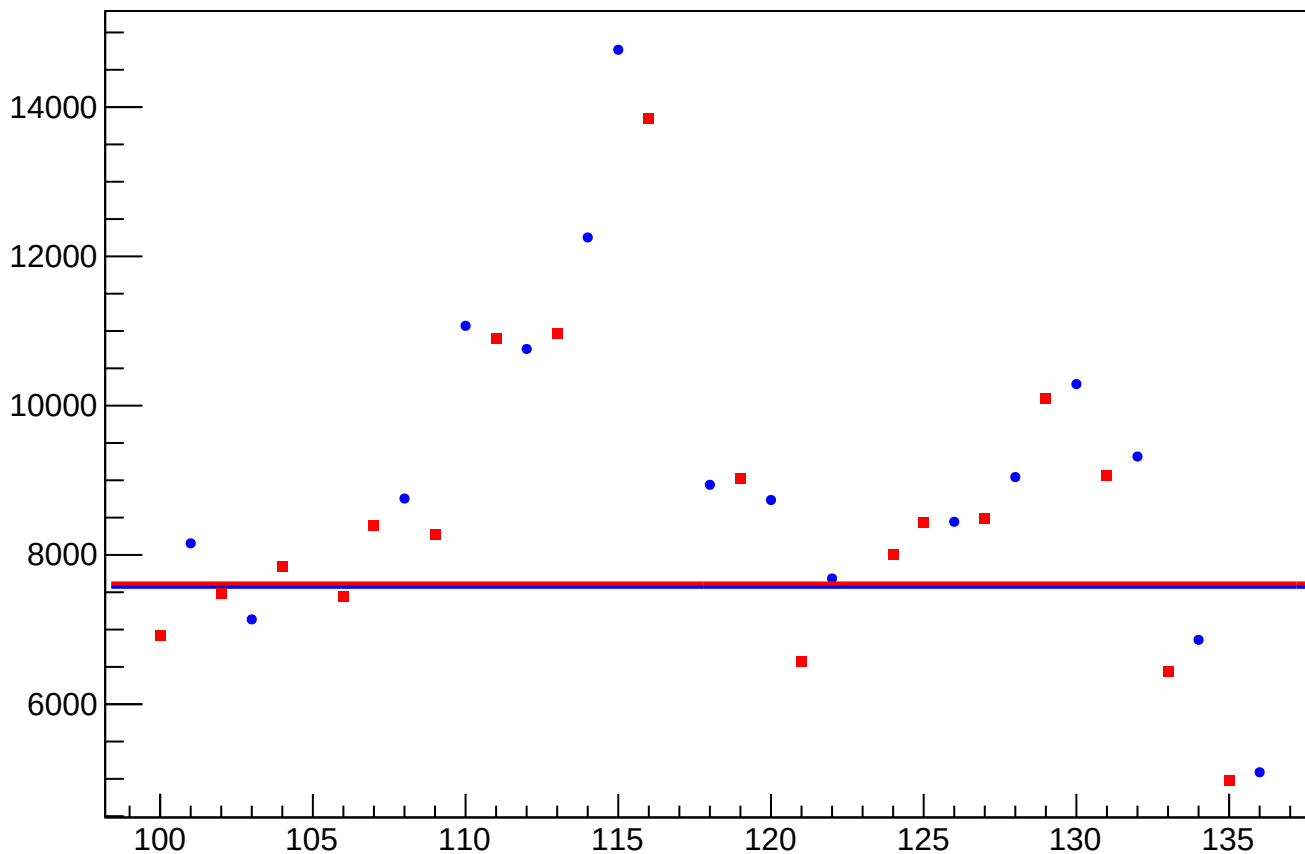
Right: -3.999 ± 2.059 χ^2/NDF : 29.5/33

In: -2.922 ± 2.910 χ^2/NDF : 9.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.999 ± 2.059 χ^2/NDF : 29.5/33

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: 7618.221+/-2.061 χ^2/NDF : 740526.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

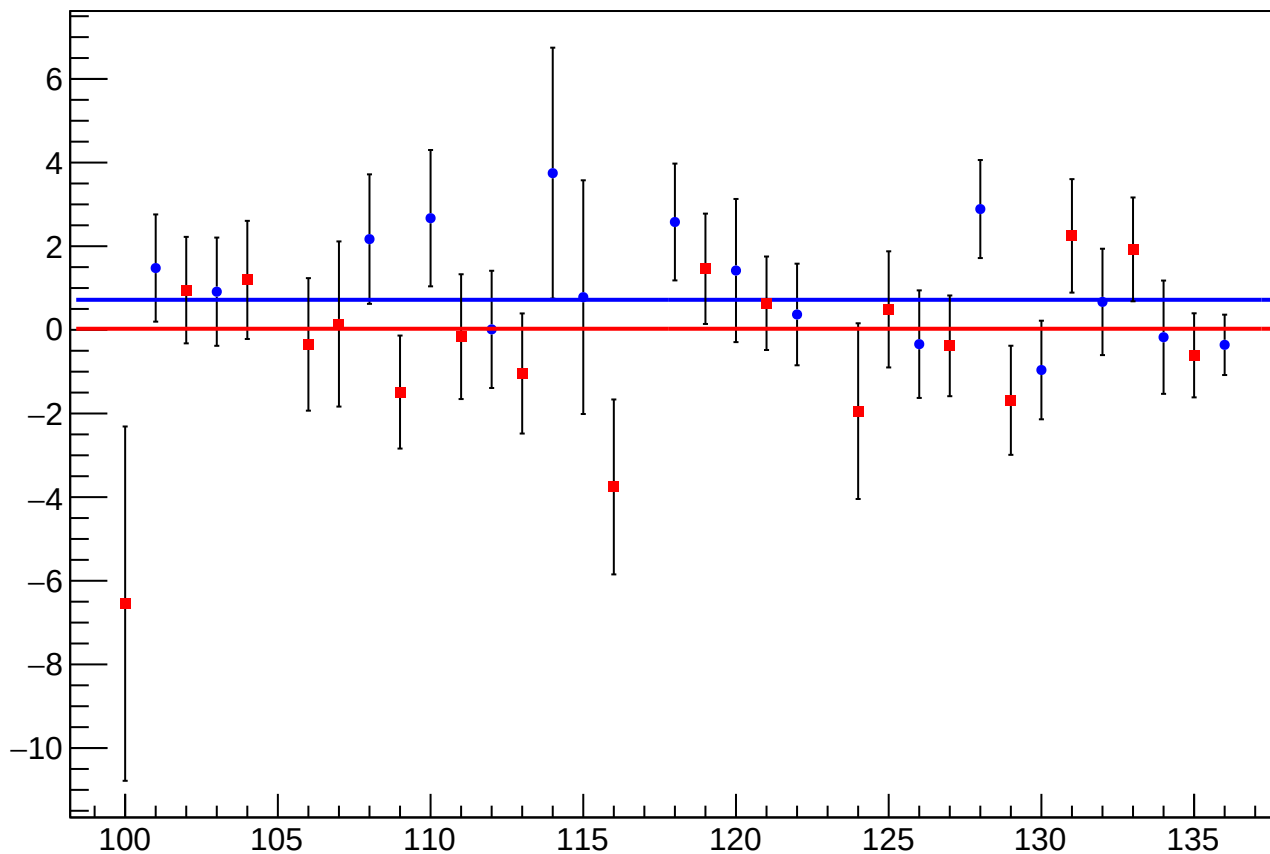
Right: 7595.661+/-1.456 χ^2/NDF : 1638354.6/33

In: 7573.161+/-2.058 χ^2/NDF : 897588.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7595.661+/-1.456 χ^2/NDF : 1638354.6/33

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: 0.026 $\pm$ 0.331 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

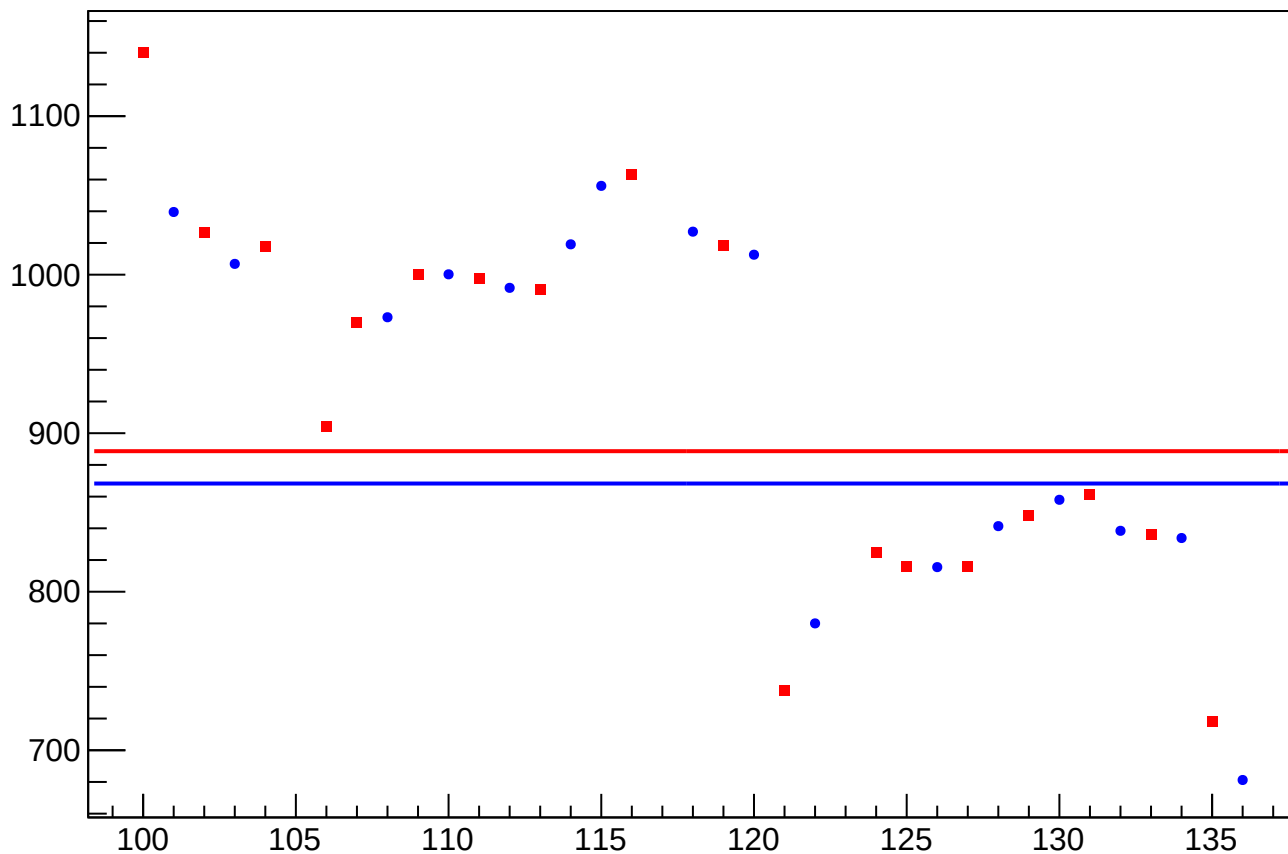
Right: 0.378 $\pm$ 0.232 χ^2 /NDF: 35.5/33

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: 0.378 $\pm$ 0.232 χ^2 /NDF: 35.5/33

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: 888.659+/-0.234 χ^2/NDF : 233400.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

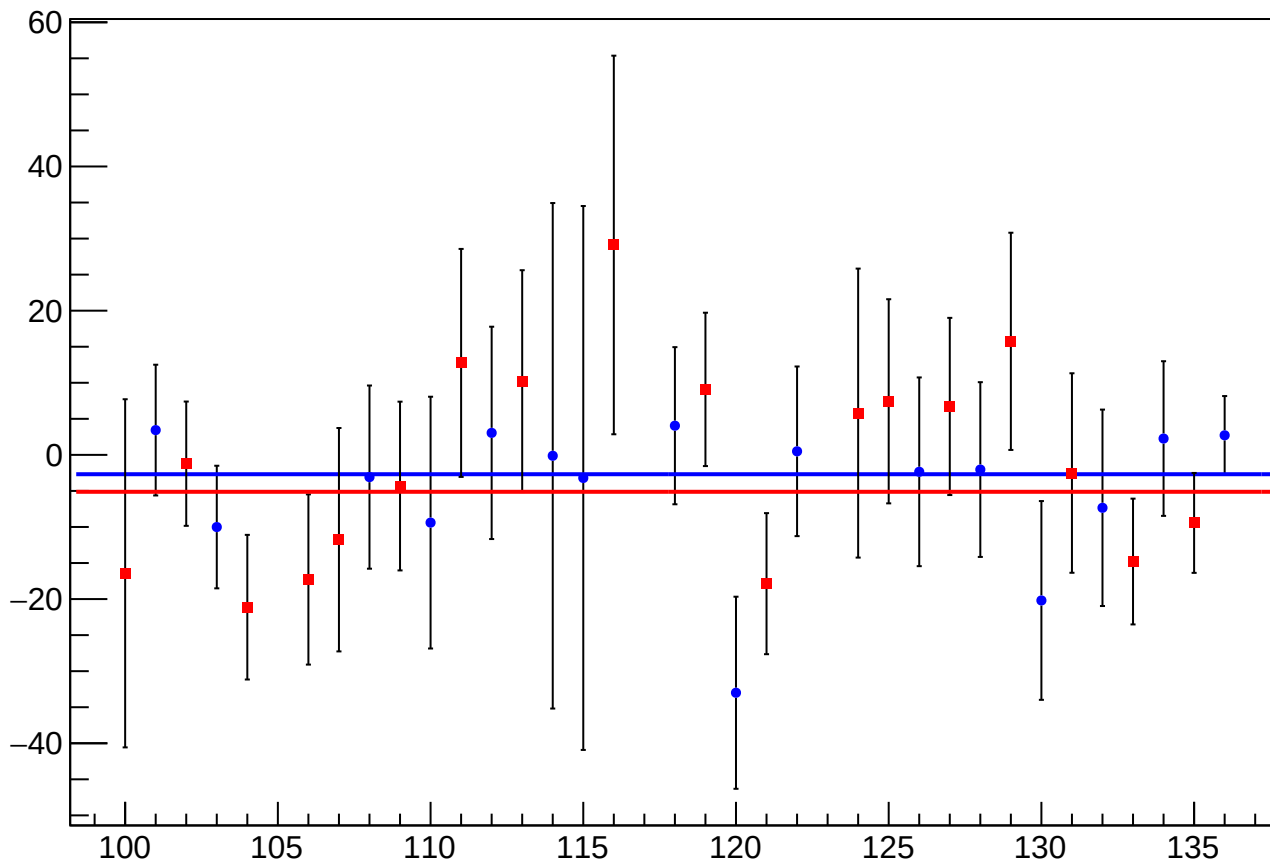
Right: 878.293+/-0.164 χ^2/NDF : 539667.8/33

In: 868.253+/-0.230 χ^2/NDF : 302409.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.293+/-0.164 χ^2/NDF : 539667.8/33

diff_bpm_4aY_4eY_avg_mean vs Slug, Sign Corrected



Right In: -2.683+/-2.788 χ^2/NDF : 10.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.120+/-2.769 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

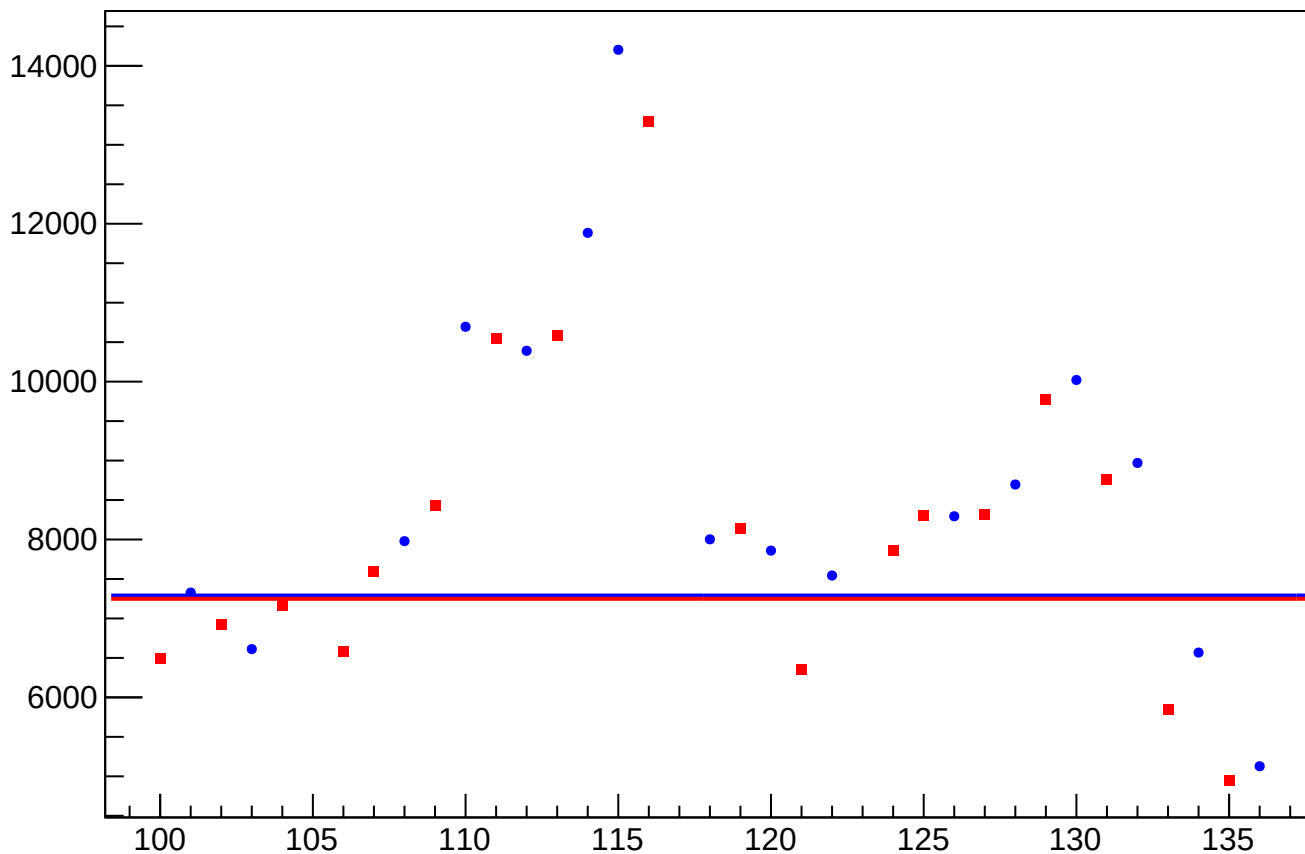
Right: -3.910+/-1.965 χ^2/NDF : 27.7/33

In: -2.683+/-2.788 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.910+/-1.965 χ^2/NDF : 27.7/33

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: 7248.806+/-1.958 χ^2/NDF : 730614.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

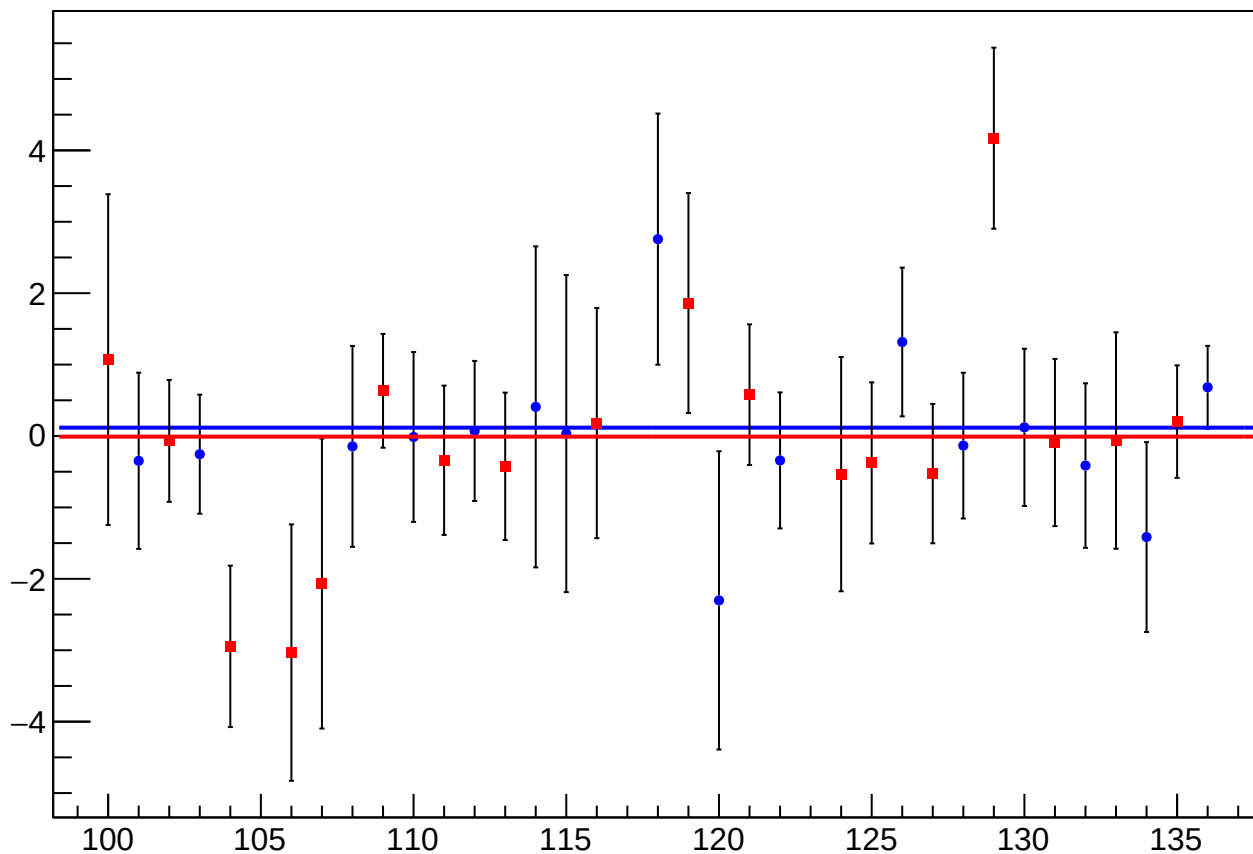
Right: 7269.383+/-1.389 χ^2/NDF : 1501355.5/33

In: 7290.246+/-1.972 χ^2/NDF : 770518.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7269.383+/-1.389 χ^2/NDF : 1501355.5/33

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: -0.009 $\pm$ 0.269 χ^2 /NDF: 25.0/17

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

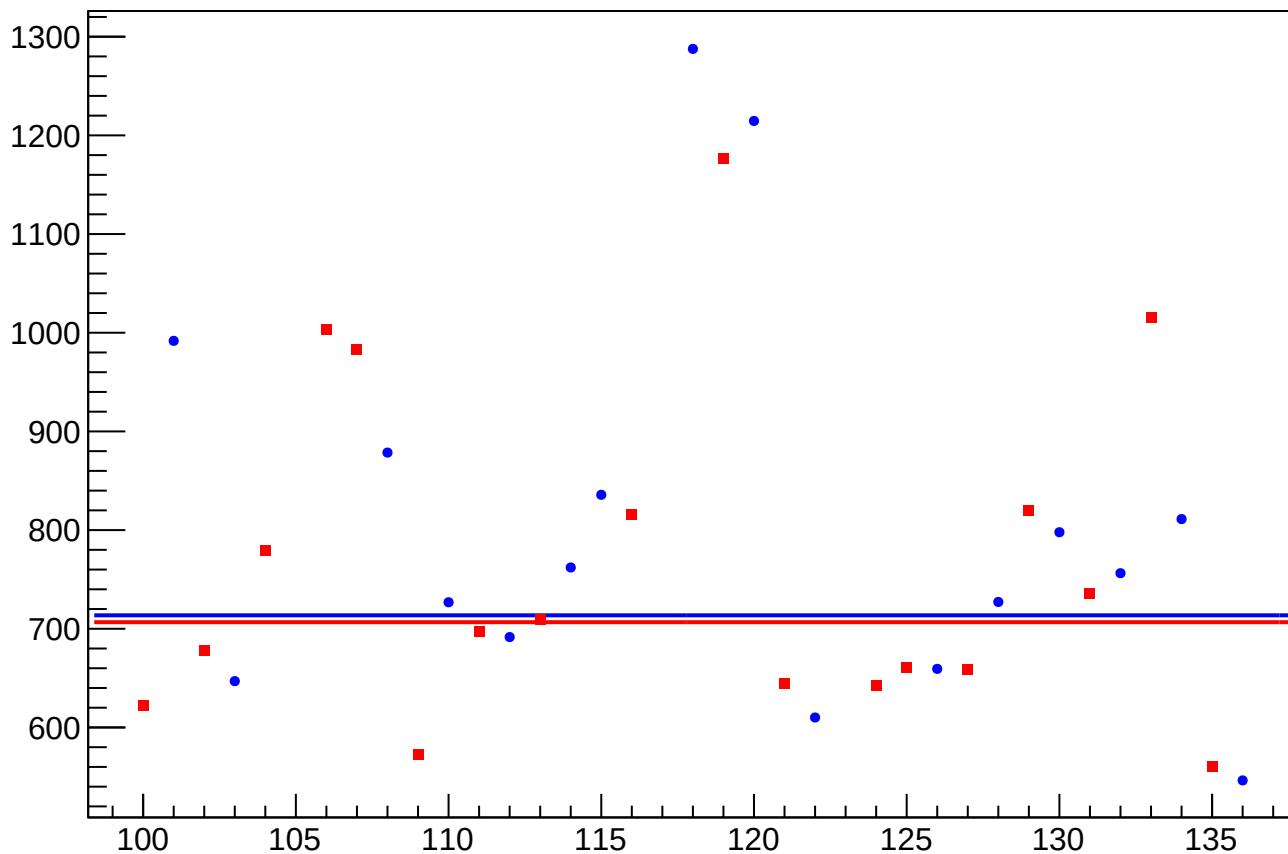
Right: 0.053 $\pm$ 0.192 χ^2 /NDF: 33.3/33

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: 0.053 $\pm$ 0.192 χ^2 /NDF: 33.3/33

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: 706.682+/-0.191 χ^2/NDF : 545005.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

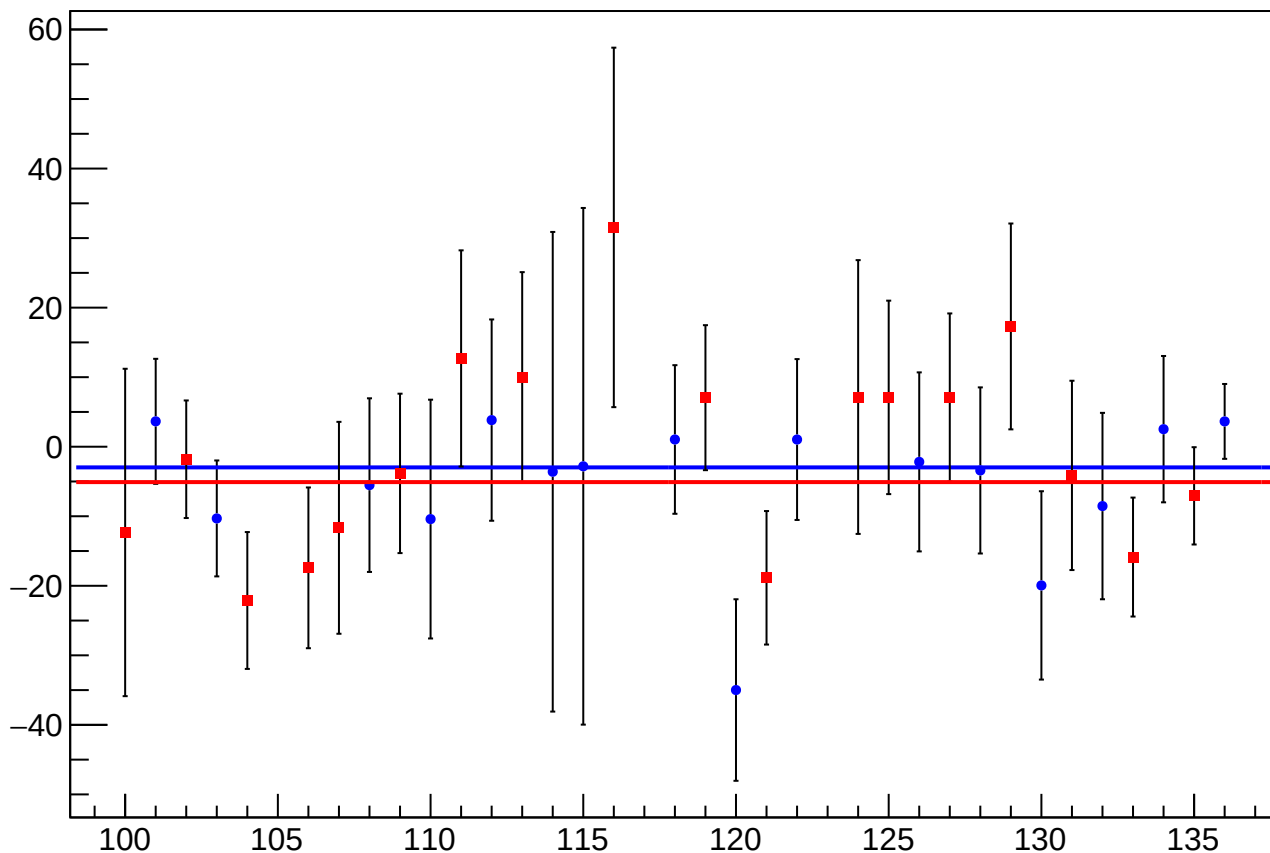
Right: 710.108+/-0.136 χ^2/NDF : 1244964.5/33

In: 713.627+/-0.193 χ^2/NDF : 699303.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 710.108+/-0.136 χ^2/NDF : 1244964.5/33

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: -5.088 ± 2.729 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

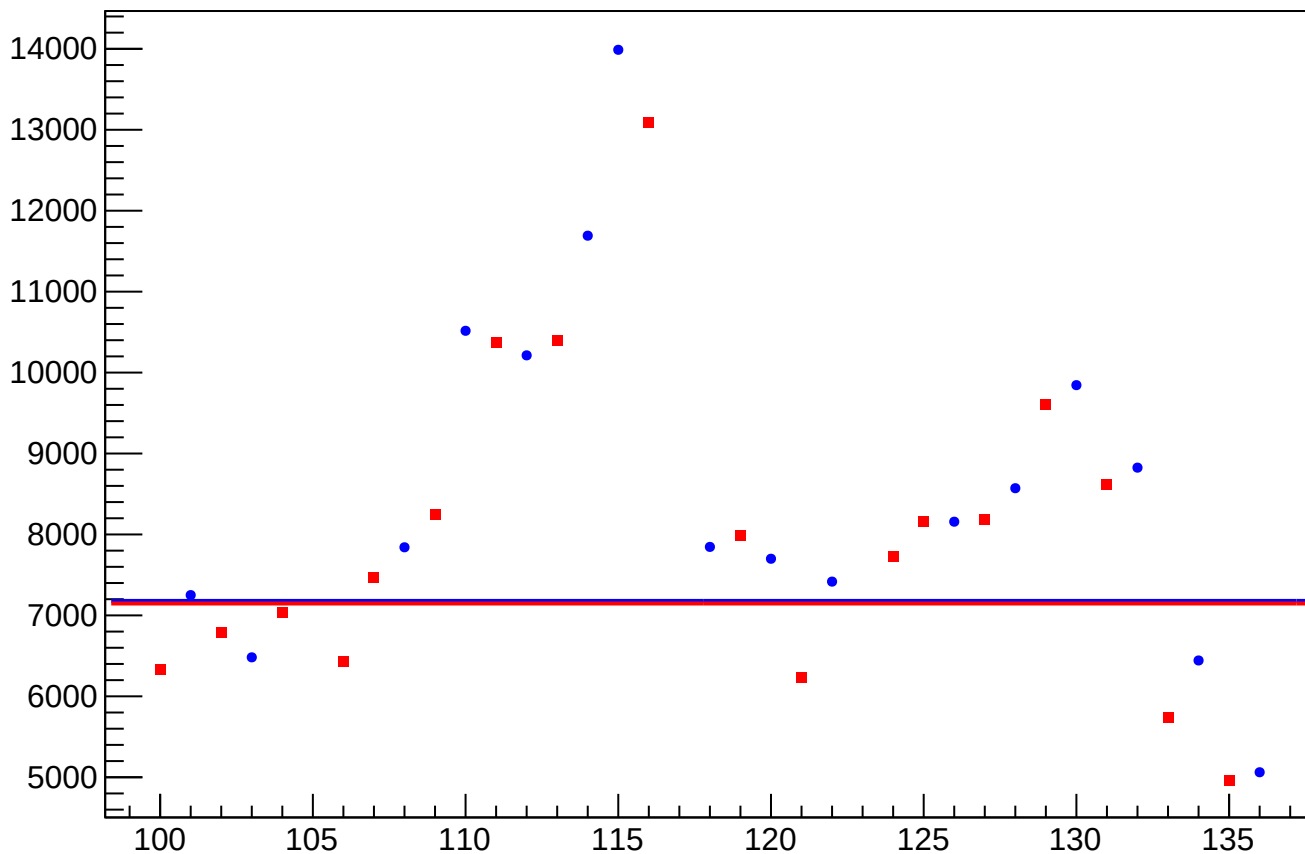
Right: -4.037 ± 1.936 χ^2/NDF : 30.3/33

In: -2.974 ± 2.746 χ^2/NDF : 11.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.037 ± 1.936 χ^2/NDF : 30.3/33

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: 7147.080+/-1.930 χ^2/NDF : 703509.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

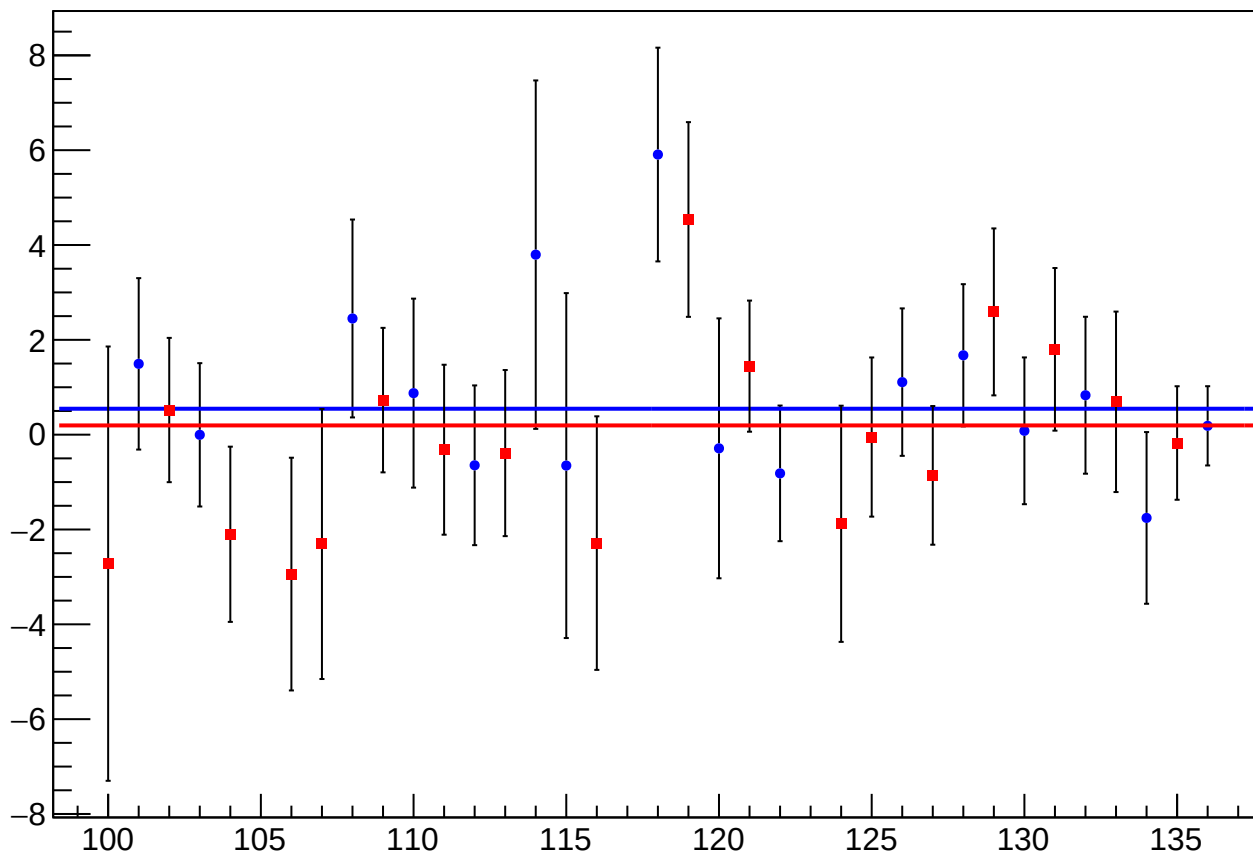
Right: 7162.906+/-1.369 χ^2/NDF : 1465581.3/33

In: 7178.925+/-1.942 χ^2/NDF : 761936.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7162.906+/-1.369 χ^2/NDF : 1465581.3/33

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: 0.195 $\pm$ 0.421 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

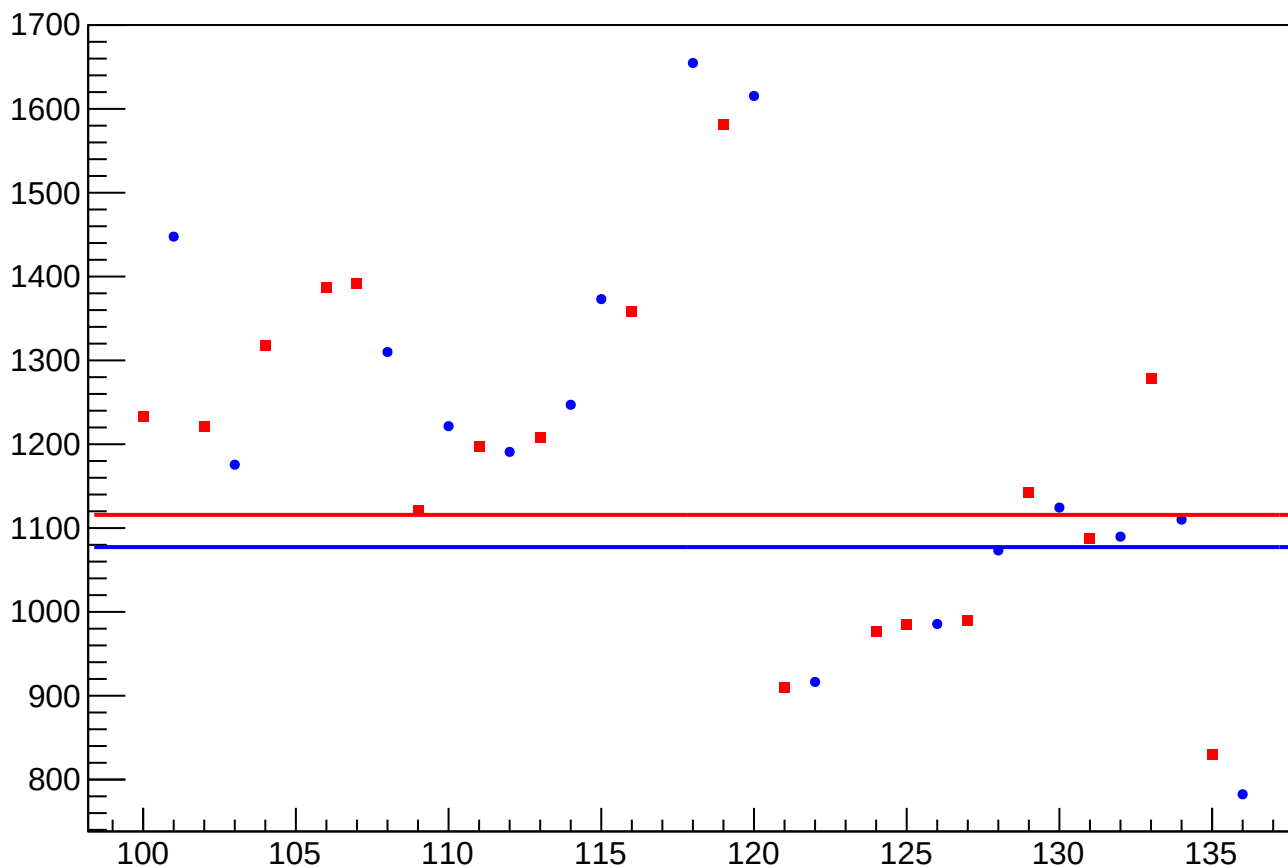
Right: 0.375 $\pm$ 0.294 χ^2 /NDF: 27.3/33

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: 0.375 $\pm$ 0.294 χ^2 /NDF: 27.3/33

diff_bpm_4aY_4ecY_dd_rms vs Slug, Sign Corrected



Right In: 1077.306 $\pm$ 0.291 χ^2 /NDF: 646521.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1115.717 $\pm$ 0.297 χ^2 /NDF: 413914.1/17

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

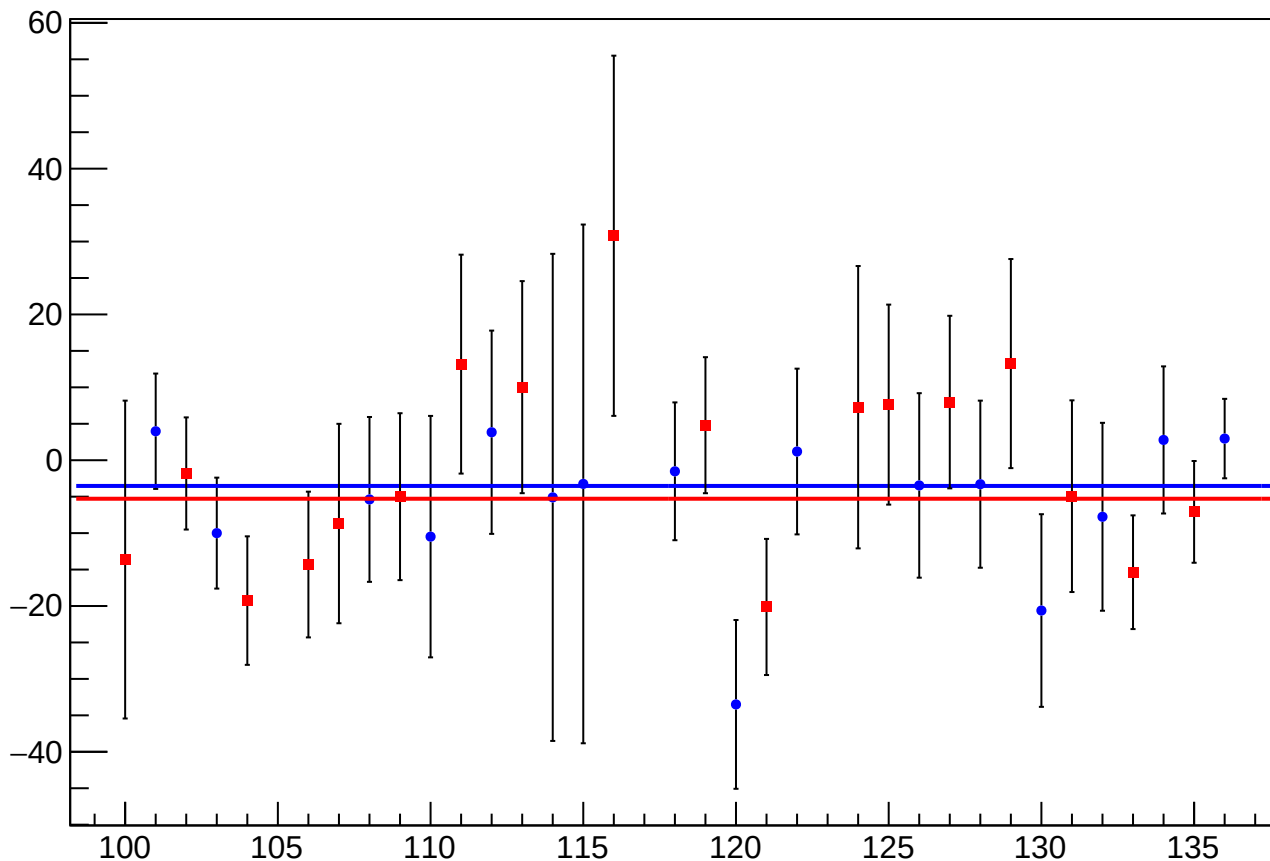
Right: 1096.058 $\pm$ 0.208 χ^2 /NDF: 1068969.2/33

In: 1077.306 $\pm$ 0.291 χ^2 /NDF:646521.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1096.058 $\pm$ 0.208 χ^2 /NDF: 1068969.2/33

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: -5.284 ± 2.571 χ^2/NDF : 18.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

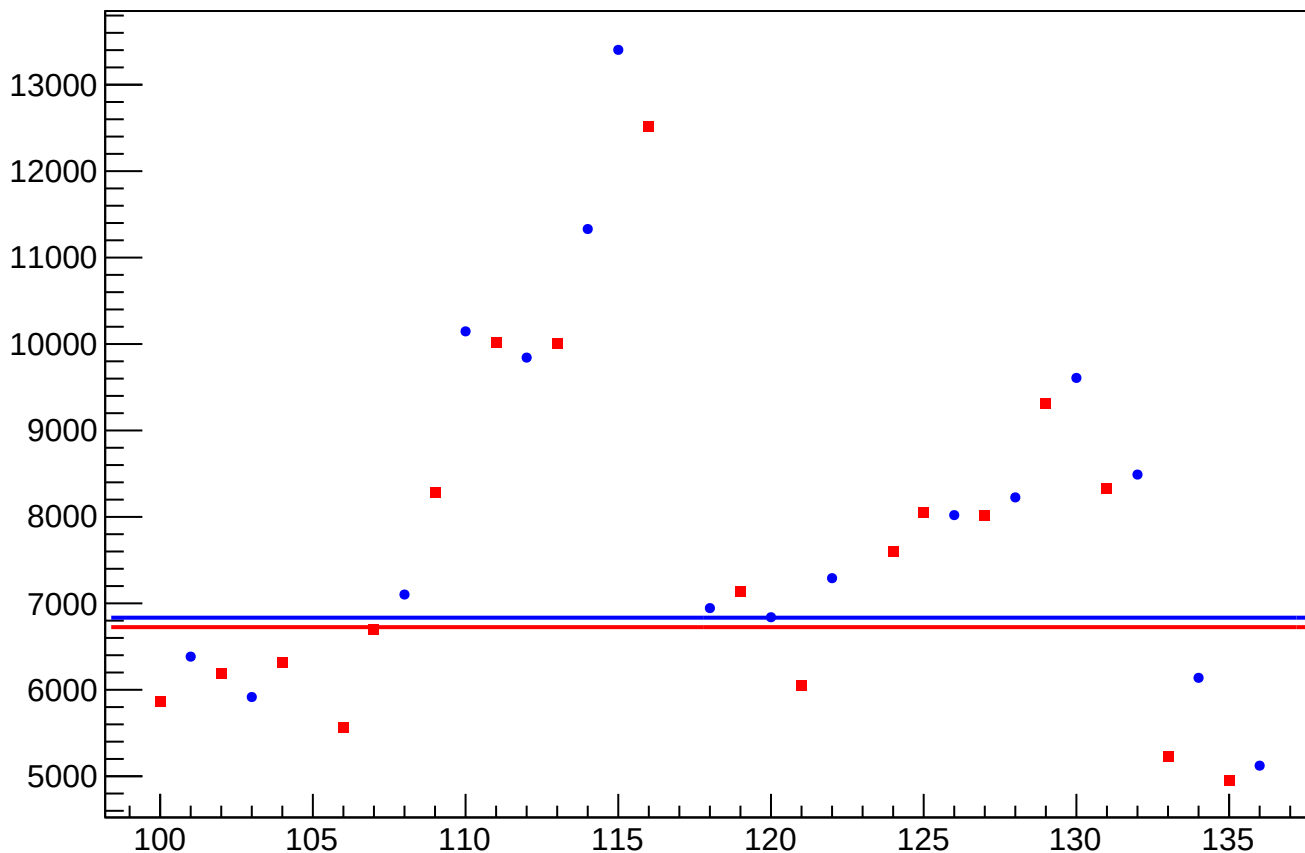
Right: -4.418 ± 1.831 χ^2/NDF : 31.0/33

In: -3.527 ± 2.608 χ^2/NDF : 12.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.418 ± 1.831 χ^2/NDF : 31.0/33

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: 6724.750+/-1.818 χ^2/NDF : 748133.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

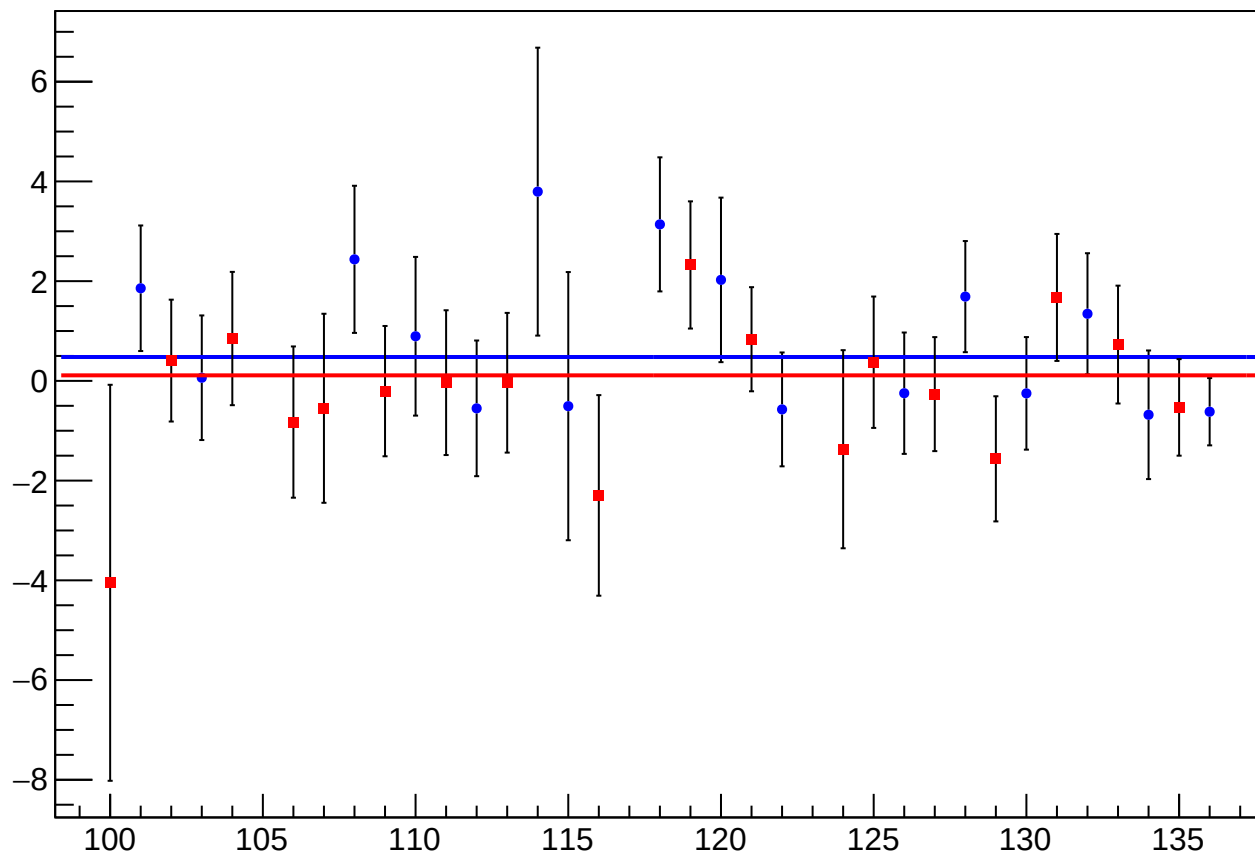
Right: 6778.756+/-1.295 χ^2/NDF : 1442647.5/33

In: 6834.346+/-1.844 χ^2/NDF : 692722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6778.756+/-1.295 χ^2/NDF : 1442647.5/33

diff_bpm_4eY_4ecY_dd_mean vs Slug, Sign Corrected



Right In: 0.479+/-0.311 χ^2/NDF : 16.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.111+/-0.316 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

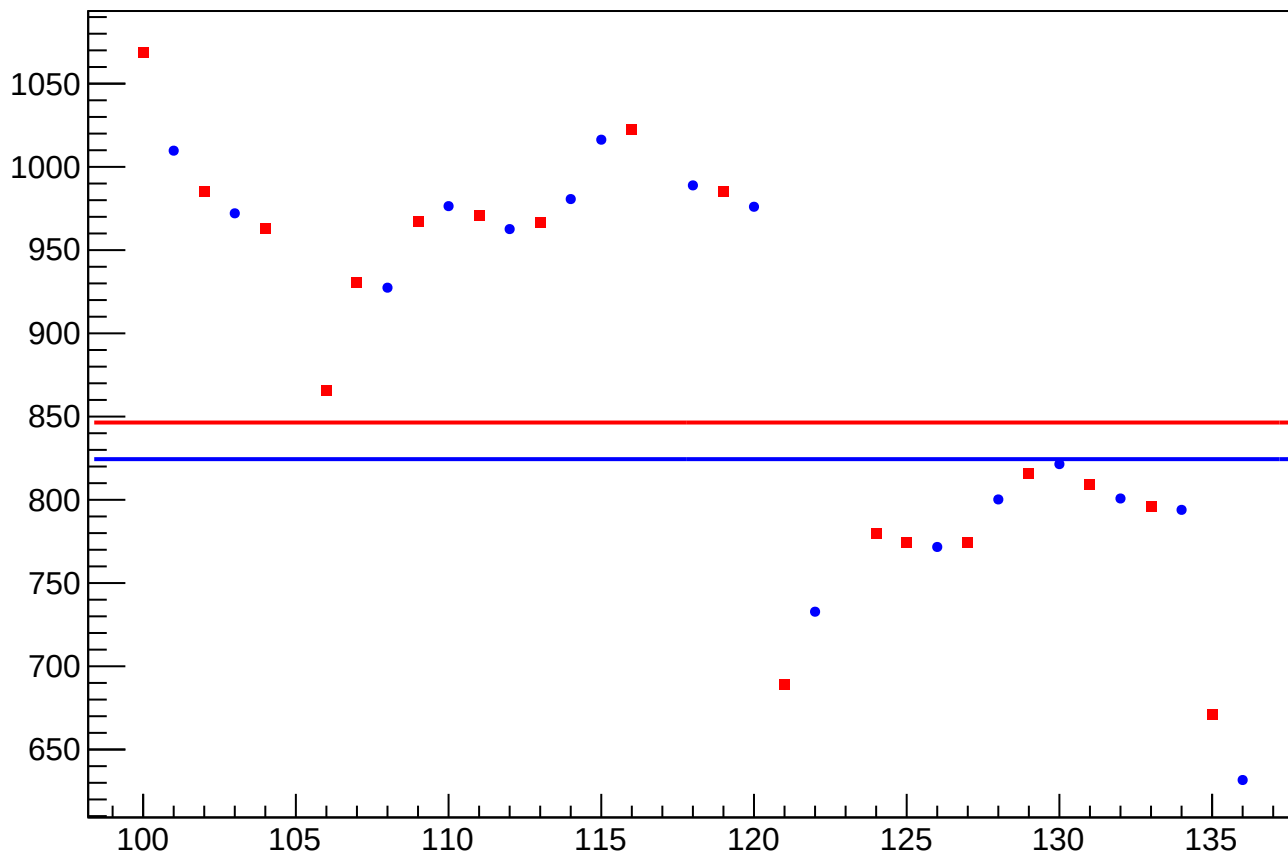
Right: 0.298+/-0.222 χ^2/NDF : 29.1/33

In: 0.479+/-0.311 χ^2/NDF : 16.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.298+/-0.222 χ^2/NDF : 29.1/33

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: 846.430+/-0.224 χ^2/NDF : 270534.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

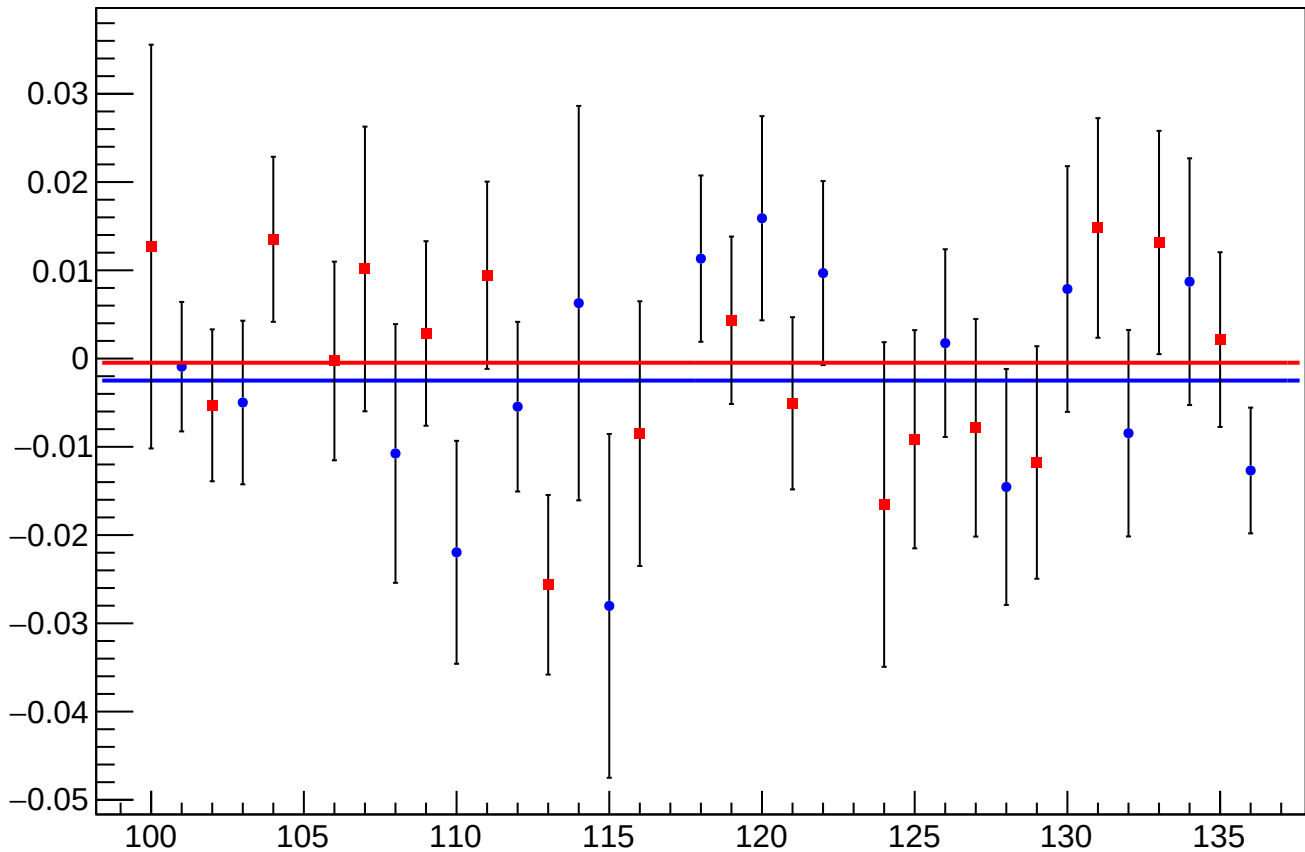
Right: 835.231+/-0.157 χ^2/NDF : 640915.7/33

In: 824.431+/-0.220 χ^2/NDF : 365461.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 835.231+/-0.157 χ^2/NDF : 640915.7/33

diff_dispE_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.002 ± 0.003 χ^2/NDF : 15.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.003 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

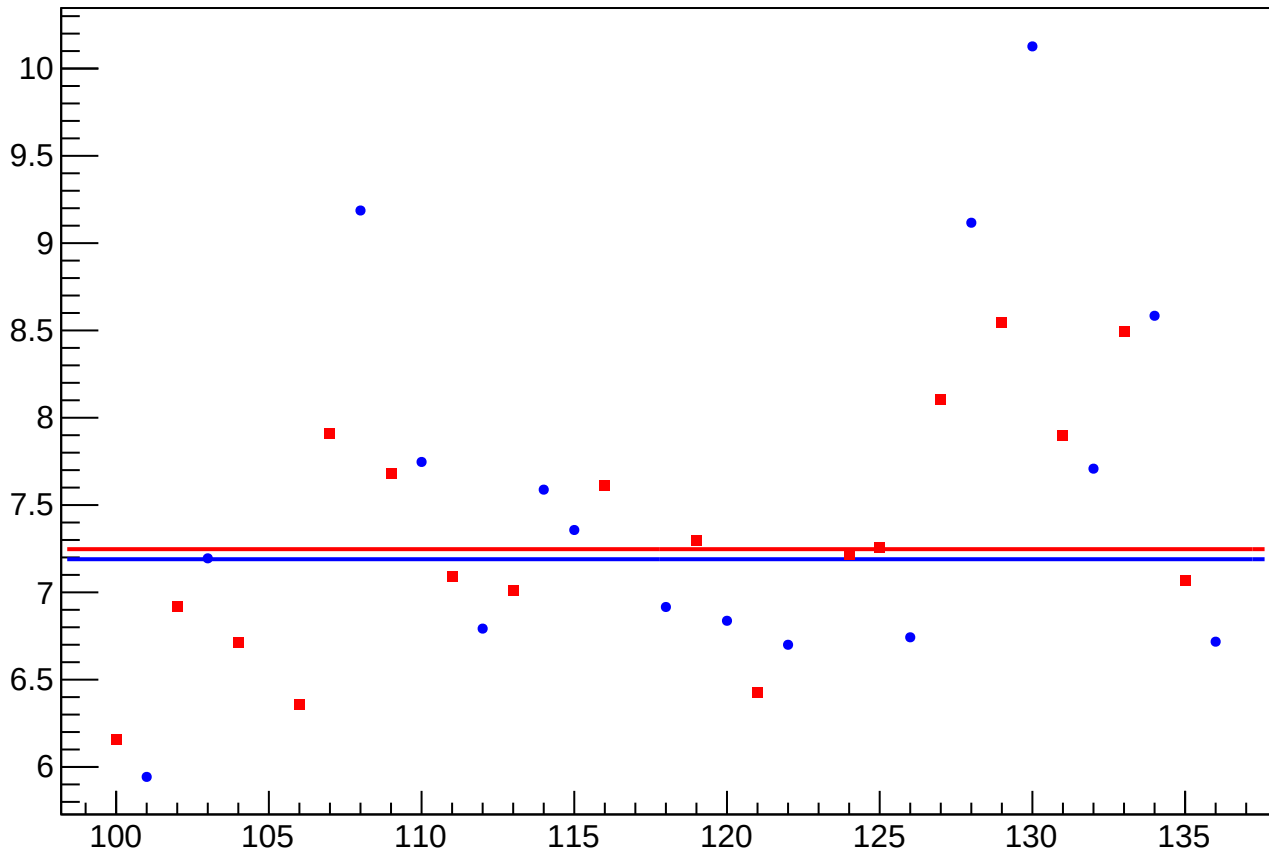
Right: -0.001 ± 0.002 χ^2/NDF : 31.8/33

In: -0.002 ± 0.003 χ^2/NDF : 15.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.002 χ^2/NDF : 31.8/33

diff_dispE_bpm12X_rms vs Slug, Sign Corrected



Right In: 7.190 $\pm$ 0.002 χ^2/NDF : 277639.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 7.247 $\pm$ 0.002 χ^2/NDF : 104765.1/17

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

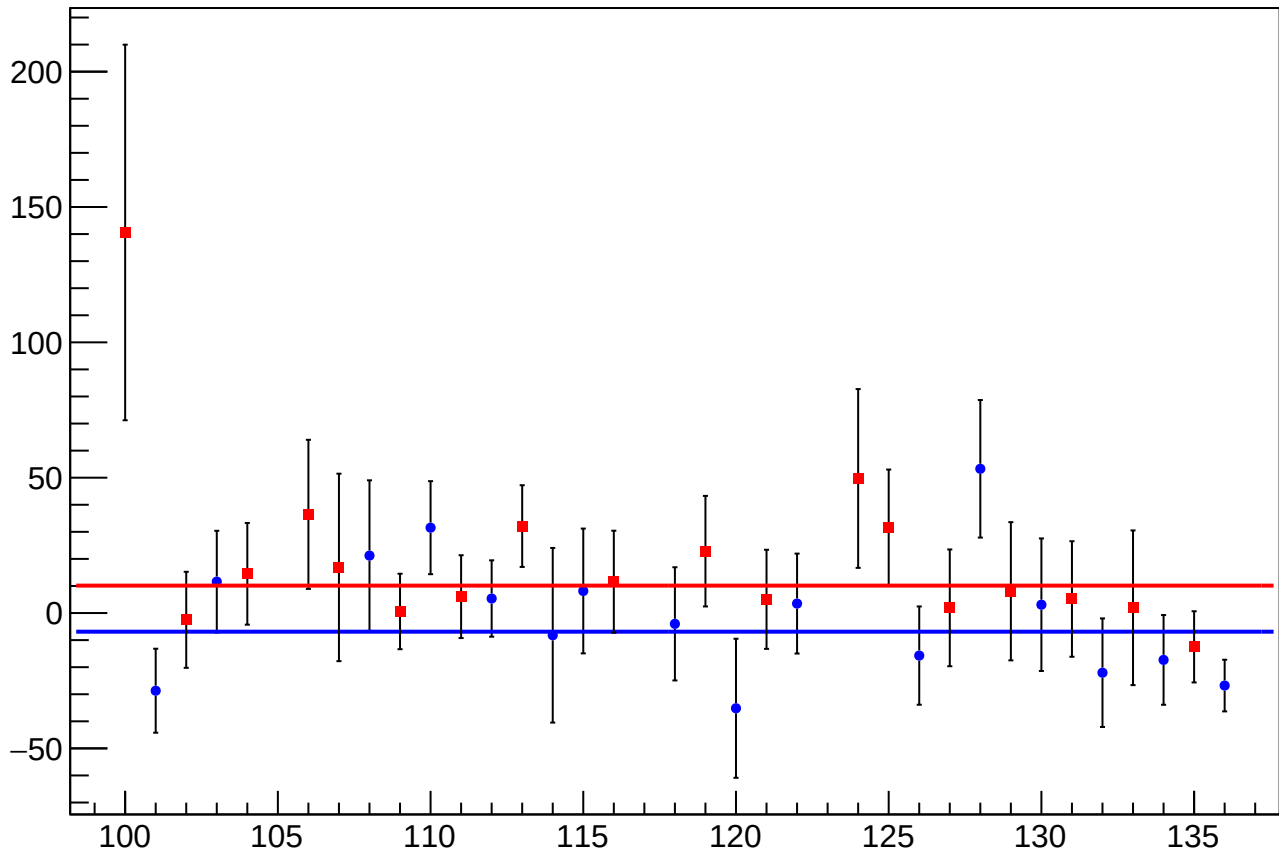
Right: 7.219 $\pm$ 0.001 χ^2/NDF : 382858.4/33

In: 7.190 $\pm$ 0.002 χ^2/NDF :277639.9/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 7.219 $\pm$ 0.001 χ^2/NDF : 382858.4/33

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: 10.133+/-4.643 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

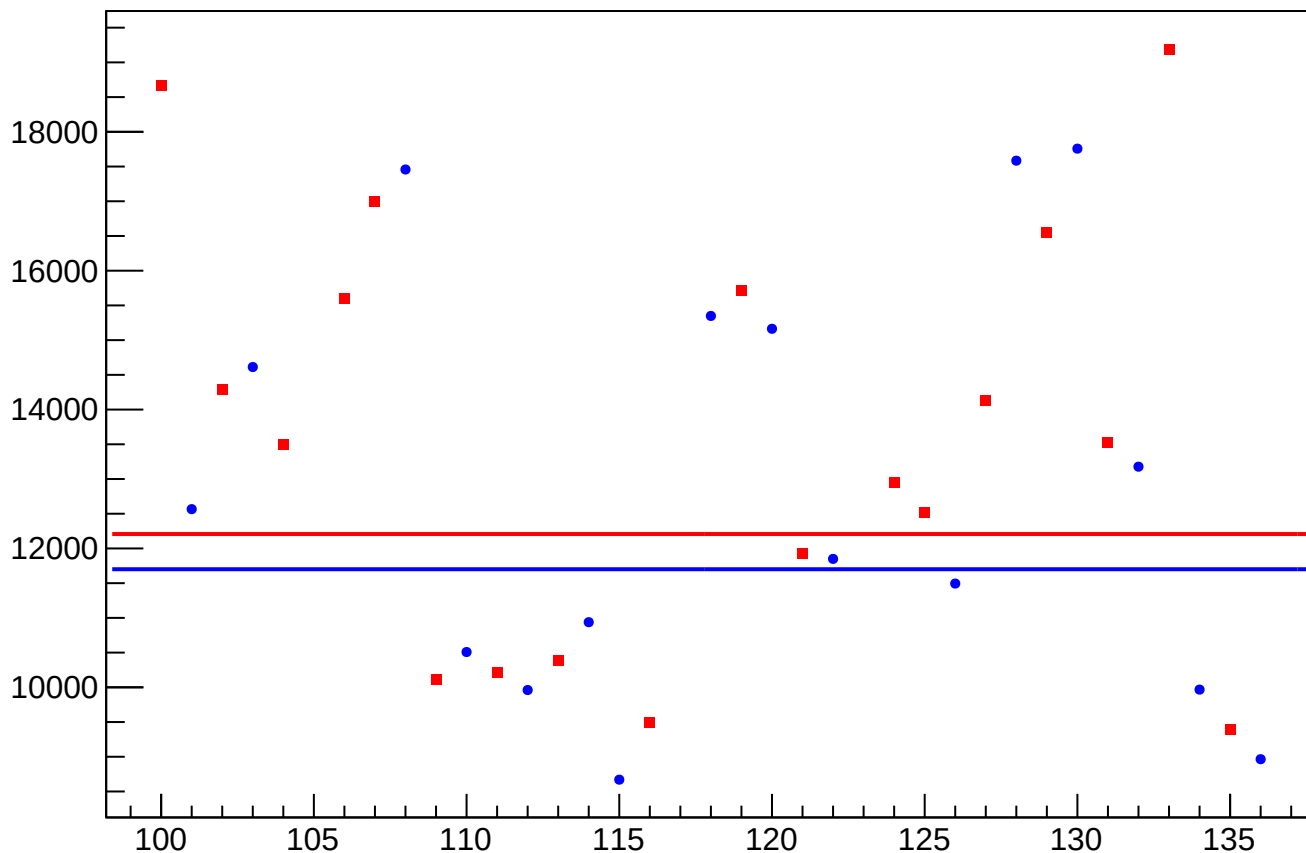
Right: 1.332+/-3.227 χ^2/NDF : 43.9/33

In: -6.891+/-4.488 χ^2/NDF : 23.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.332+/-3.227 χ^2/NDF : 43.9/33

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: 12207.718+/-3.283 χ^2/NDF : 626447.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

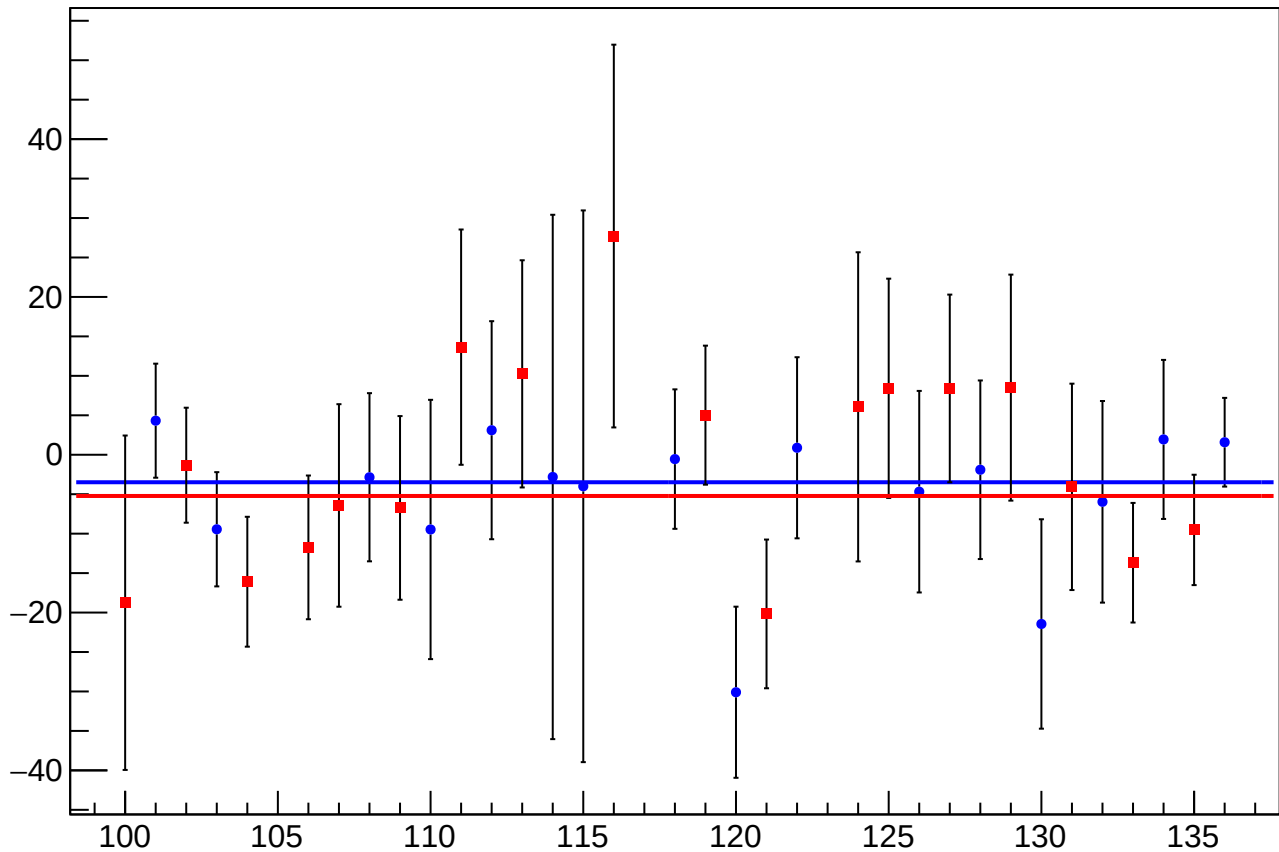
Right: 11945.567+/-2.282 χ^2/NDF : 1378963.8/33

In: 11700.622+/-3.174 χ^2/NDF : 740185.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11945.567+/-2.282 χ^2/NDF : 1378963.8/33

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: -5.224 ± 2.501 χ^2/NDF : 16.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

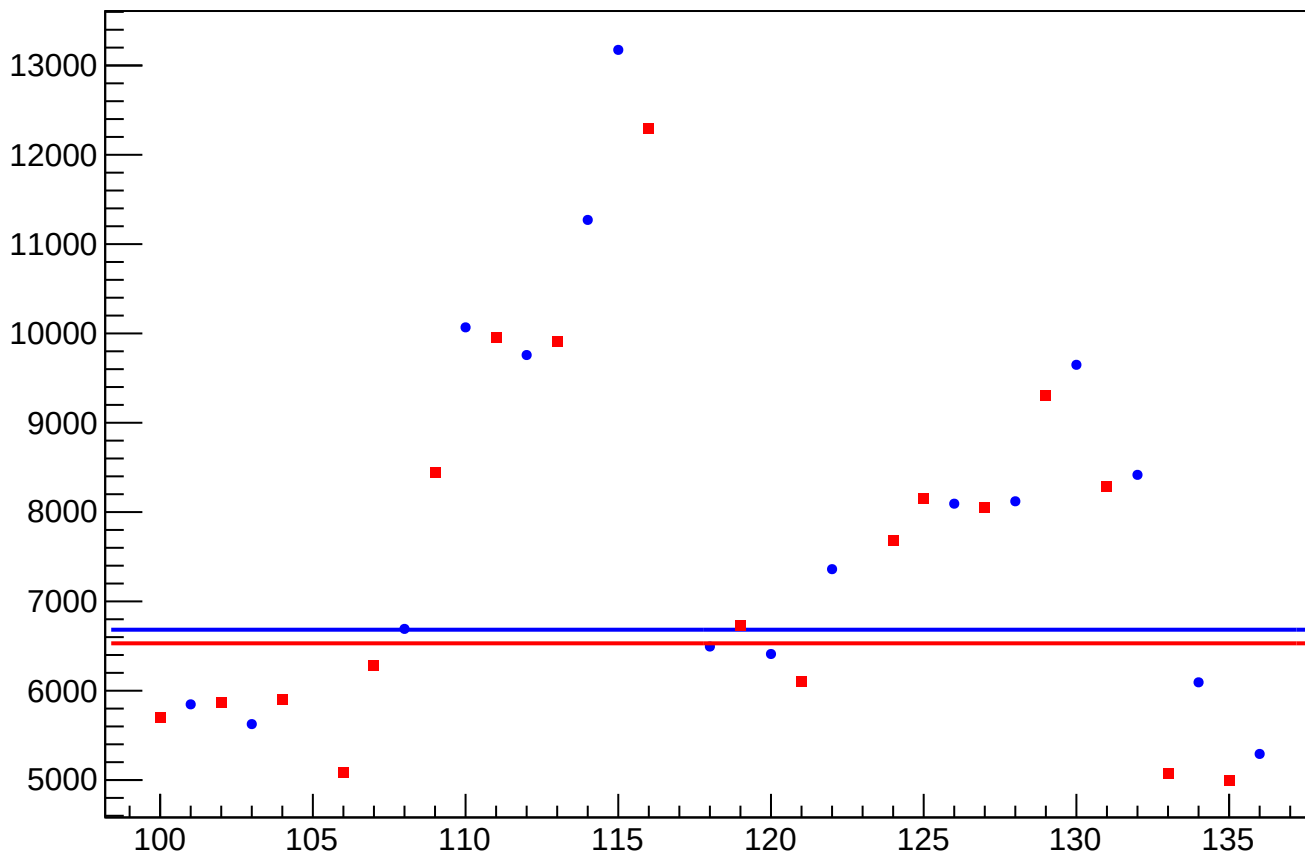
Right: -4.372 ± 1.785 χ^2/NDF : 28.3/33

In: -3.485 ± 2.550 χ^2/NDF : 11.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.372 ± 1.785 χ^2/NDF : 28.3/33

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: 6530.619+/-1.768 χ^2/NDF : 818687.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

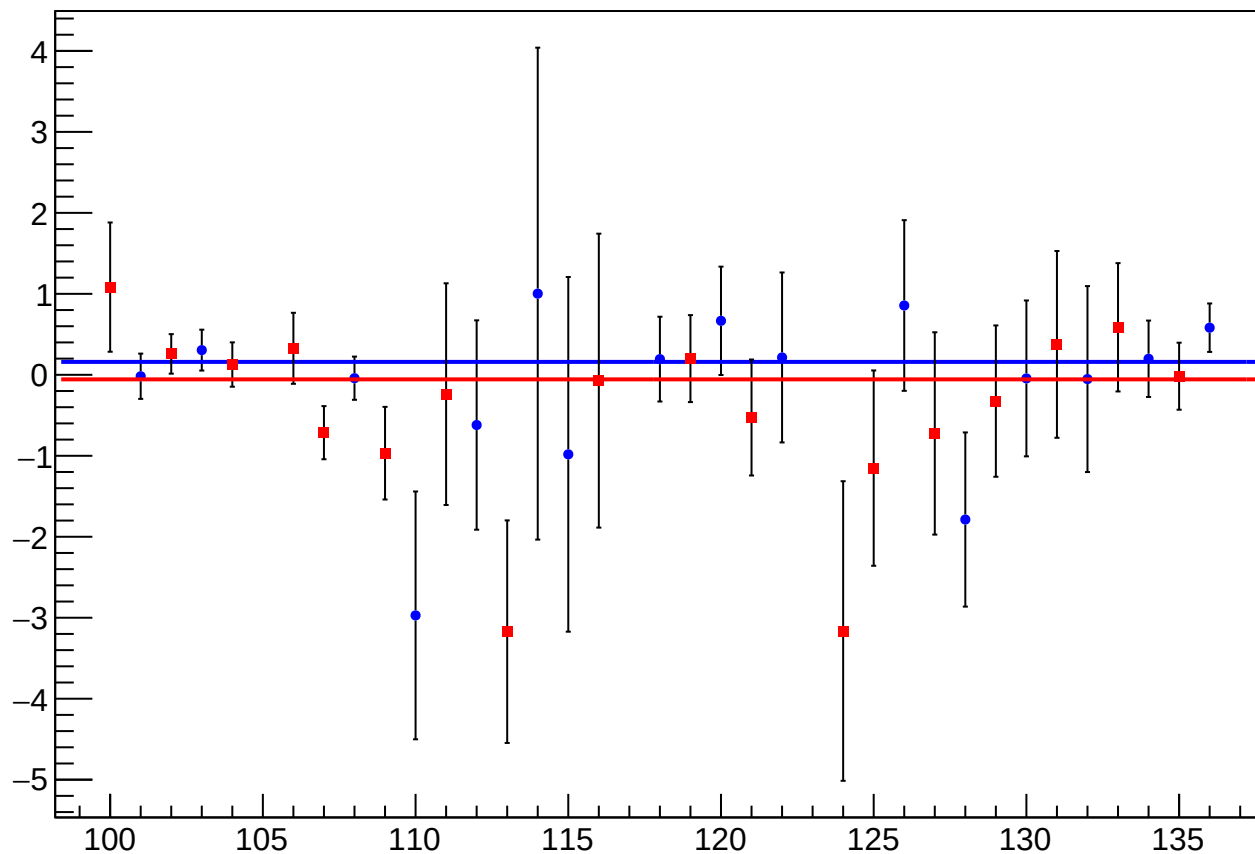
Right: 6605.323+/-1.262 χ^2/NDF : 1514528.1/33

In: 6682.988+/-1.803 χ^2/NDF : 692200.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6605.323+/-1.262 χ^2/NDF : 1514528.1/33

diff_targ_thetaX_mean vs Slug, Sign Corrected



Right In: 0.160 $\pm$ 0.120 χ^2/NDF : 12.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.056 $\pm$ 0.122 χ^2/NDF : 22.1/17

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

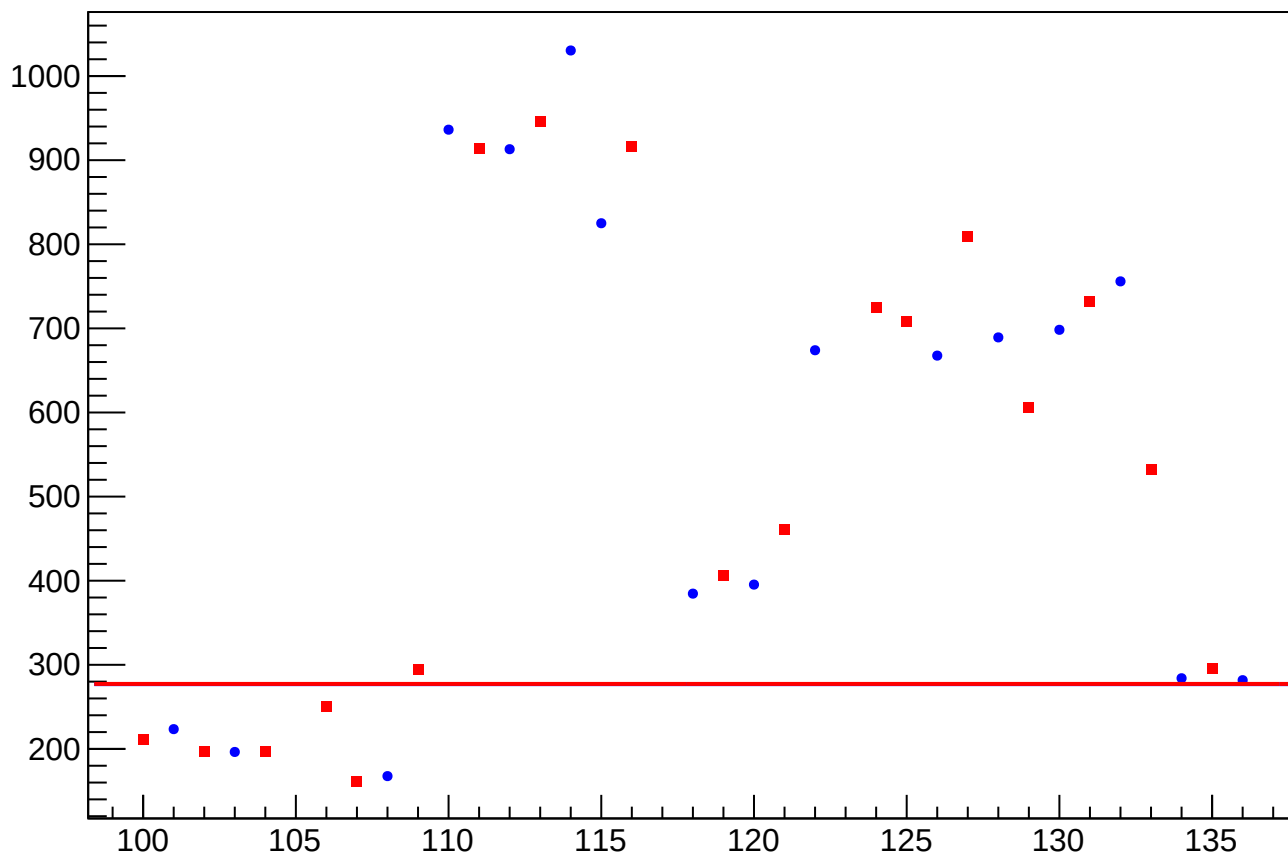
Right: 0.054 $\pm$ 0.085 χ^2/NDF : 36.3/33

In: 0.160 $\pm$ 0.120 χ^2/NDF : 12.6/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.054 $\pm$ 0.085 χ^2/NDF : 36.3/33

diff_targ_thetaX_rms vs Slug, Sign Corrected



Right In: 277.017+/-0.085 χ^2/NDF : 3450533.8/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 277.266+/-0.086 χ^2/NDF : 3571094.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

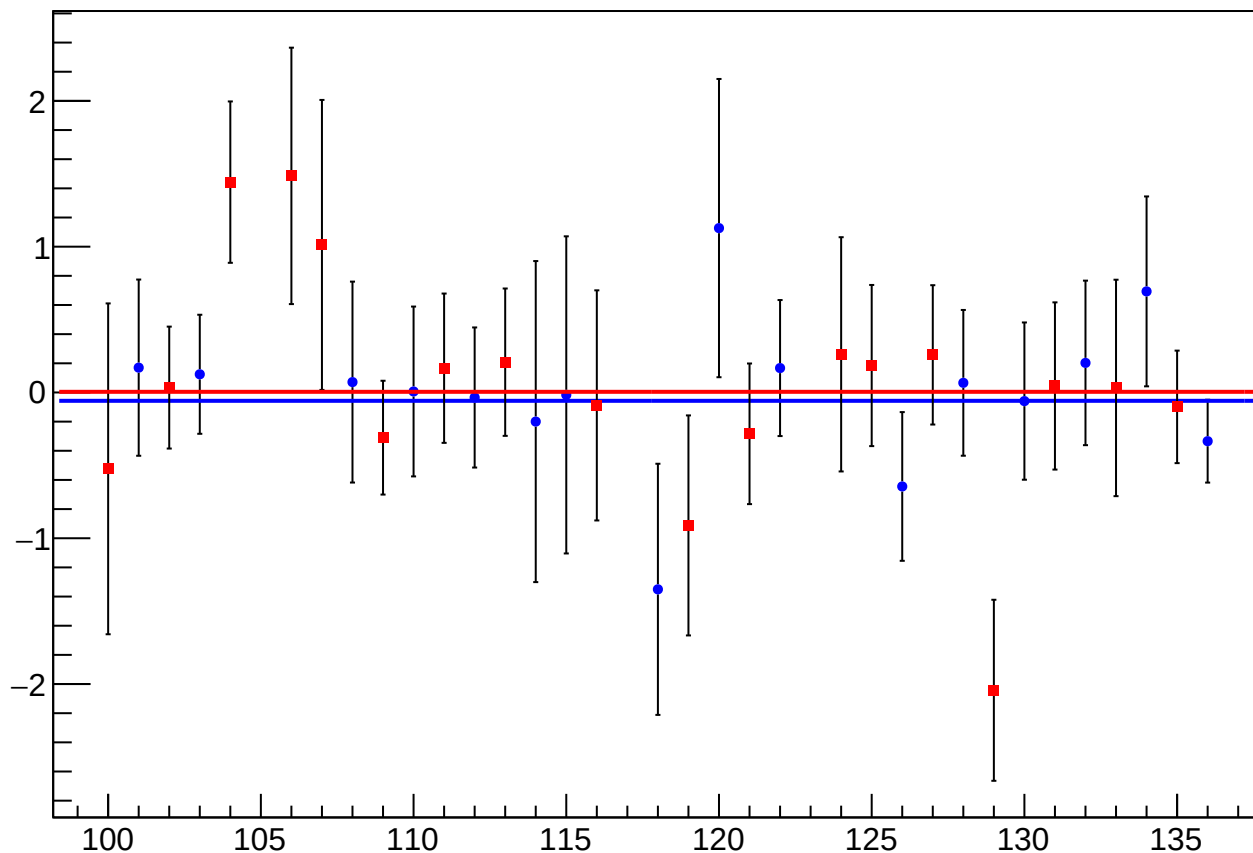
Right: 277.139+/-0.060 χ^2/NDF : 7021632.1/33

In: 277.017+/-0.085 χ^2/NDF :3450533.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 277.139+/-0.060 χ^2/NDF : 7021632.1/33

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: 0.004 ± 0.132 χ^2/NDF : 25.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

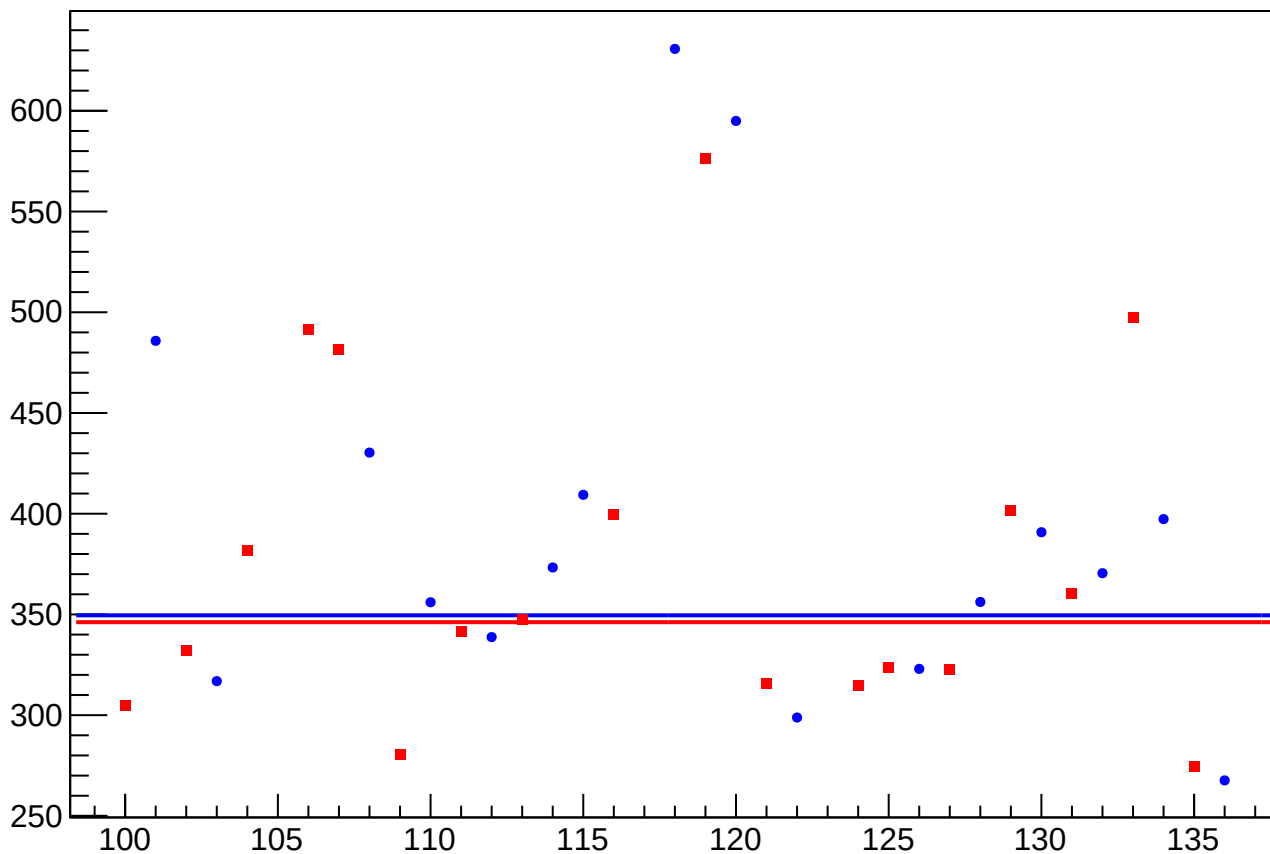
Right: -0.026 ± 0.094 χ^2/NDF : 33.3/33

In: -0.057 ± 0.134 χ^2/NDF : 8.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.094 χ^2/NDF : 33.3/33

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: 346.158+/-0.093 χ^2/NDF : 545005.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

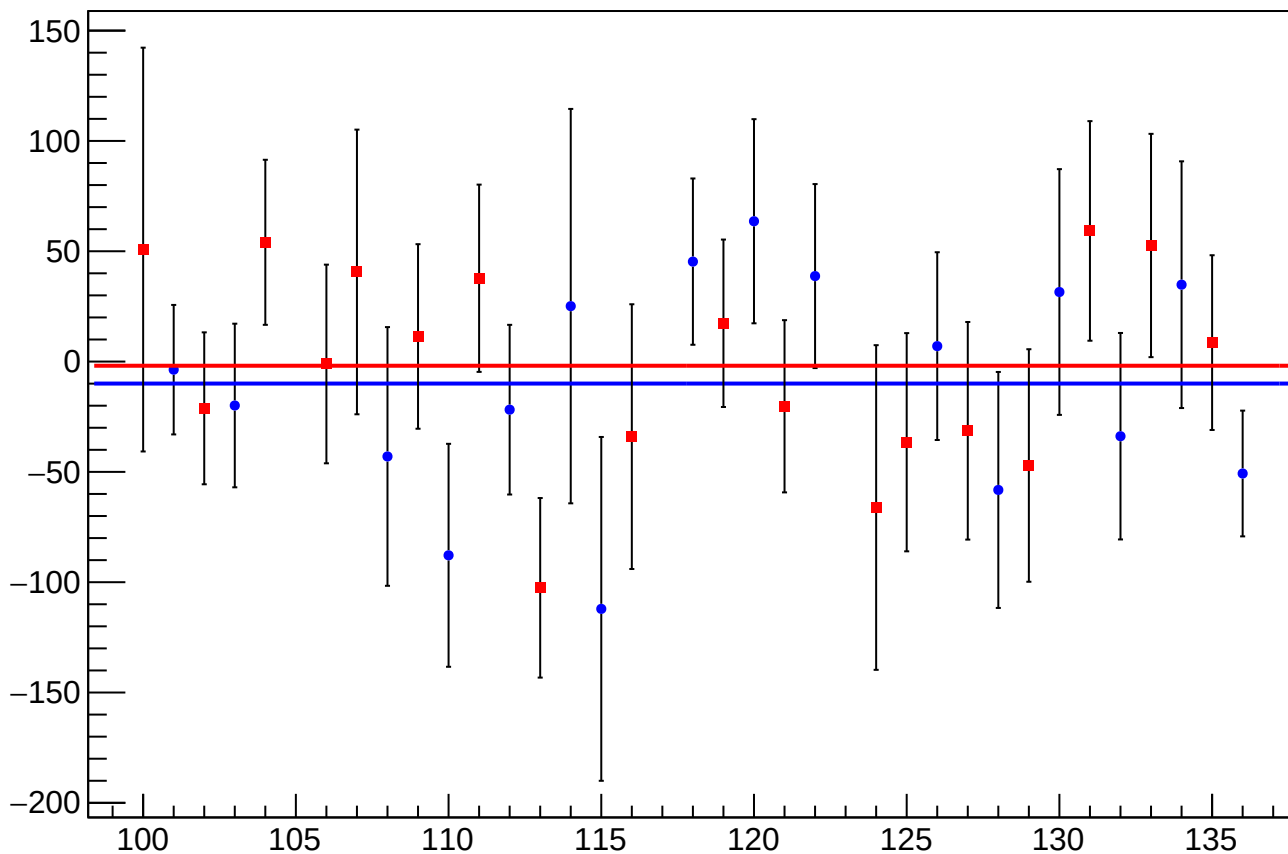
Right: 347.836+/-0.066 χ^2/NDF : 1244964.5/33

In: 349.560+/-0.095 χ^2/NDF : 699303.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.836+/-0.066 χ^2/NDF : 1244964.5/33

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: -1.890+/-10.803 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

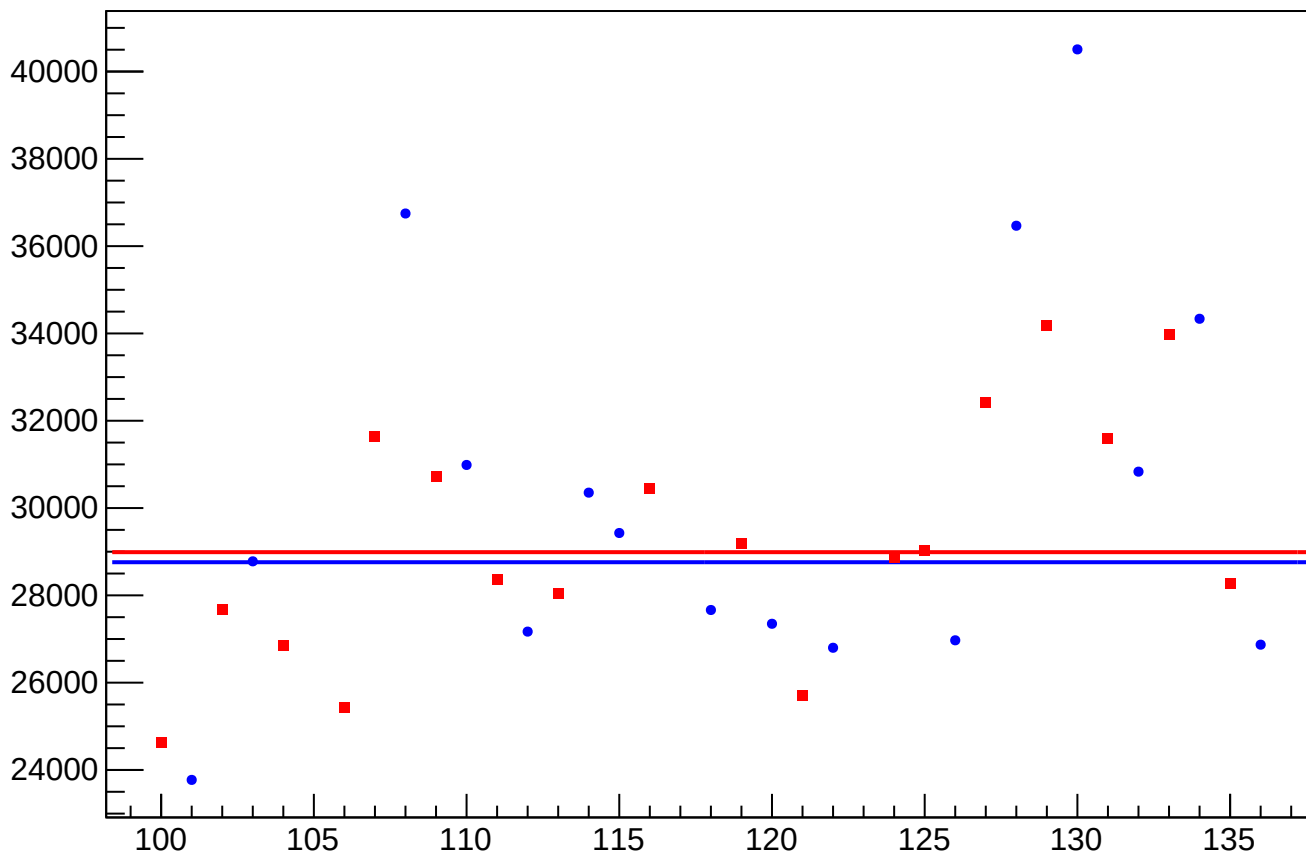
Right: -5.917+/-7.651 χ^2/NDF : 31.8/33

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.917+/-7.651 χ^2/NDF : 31.8/33

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: 28989.506+/-7.639 χ^2/NDF : 104765.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

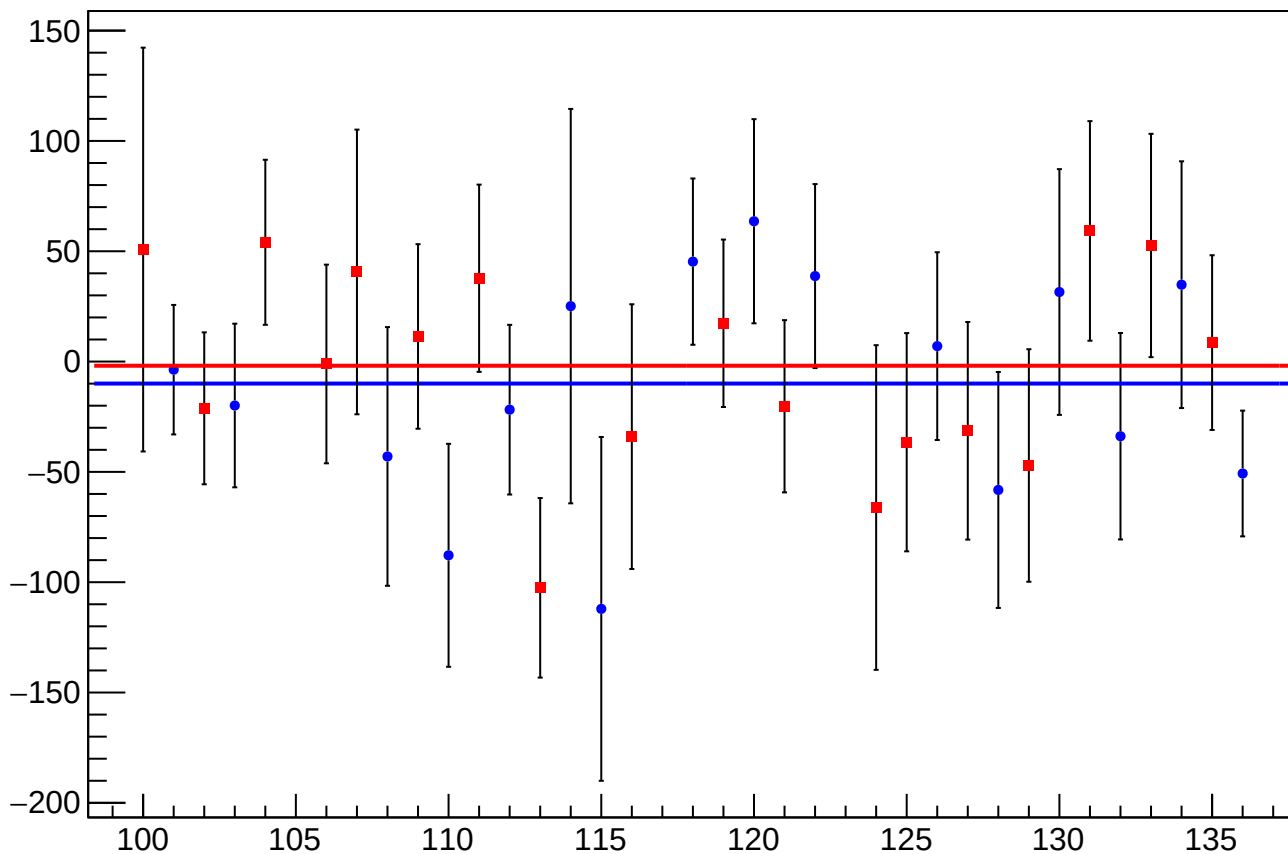
Right: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

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: -1.890+/-10.803 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

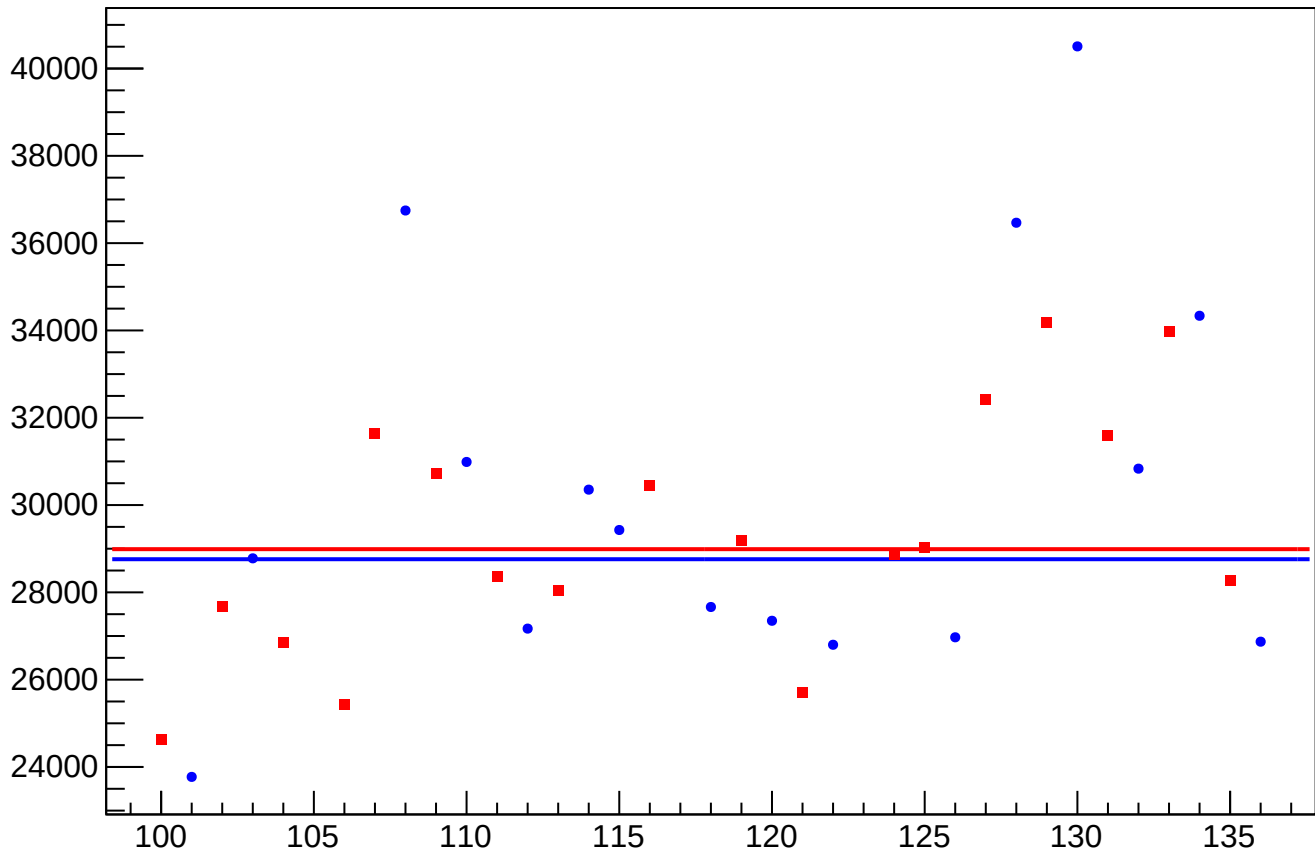
Right: -5.917+/-7.651 χ^2/NDF : 31.8/33

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.917+/-7.651 χ^2/NDF : 31.8/33

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: 28989.506+/-7.639 χ^2/NDF : 104765.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

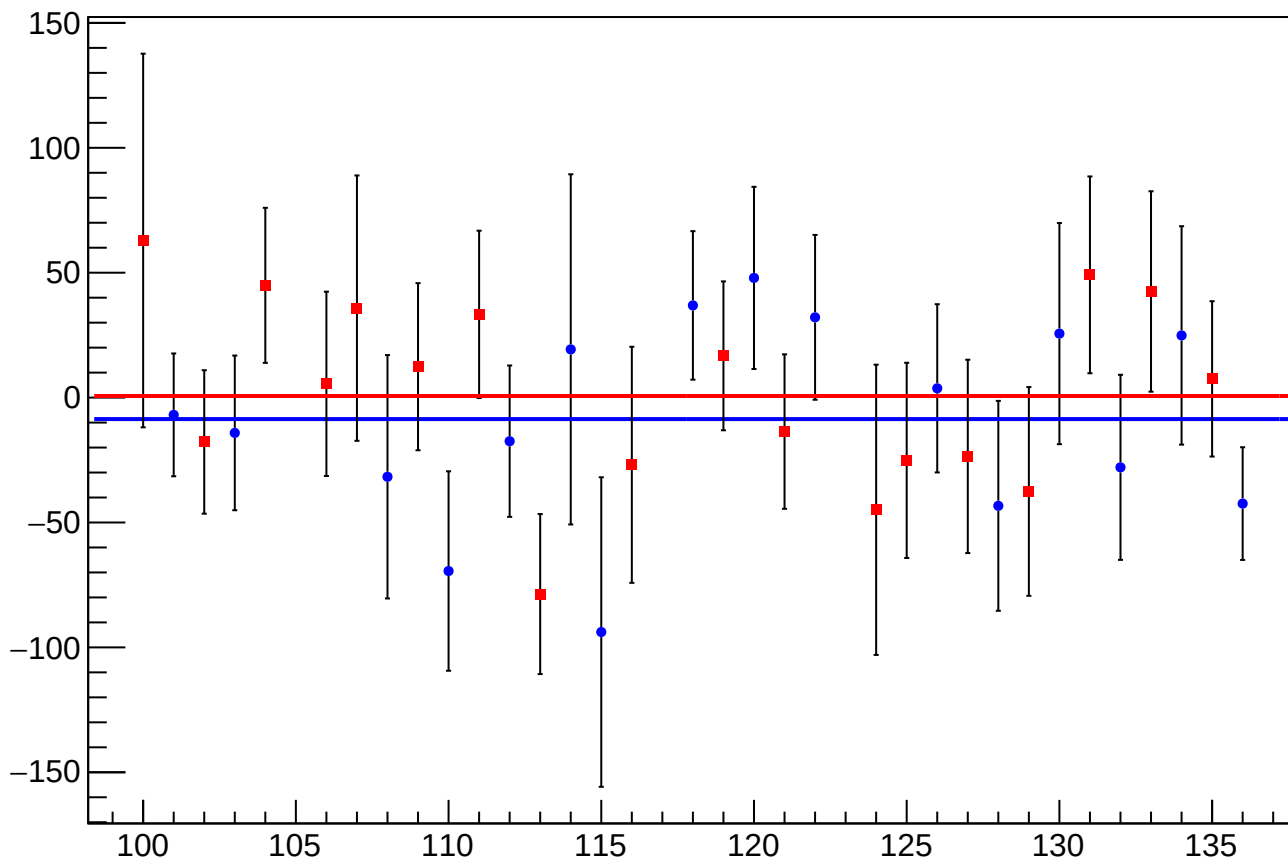
Right: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

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: 0.640 $\pm$ 8.642 χ^2 /NDF: 16.6/17

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

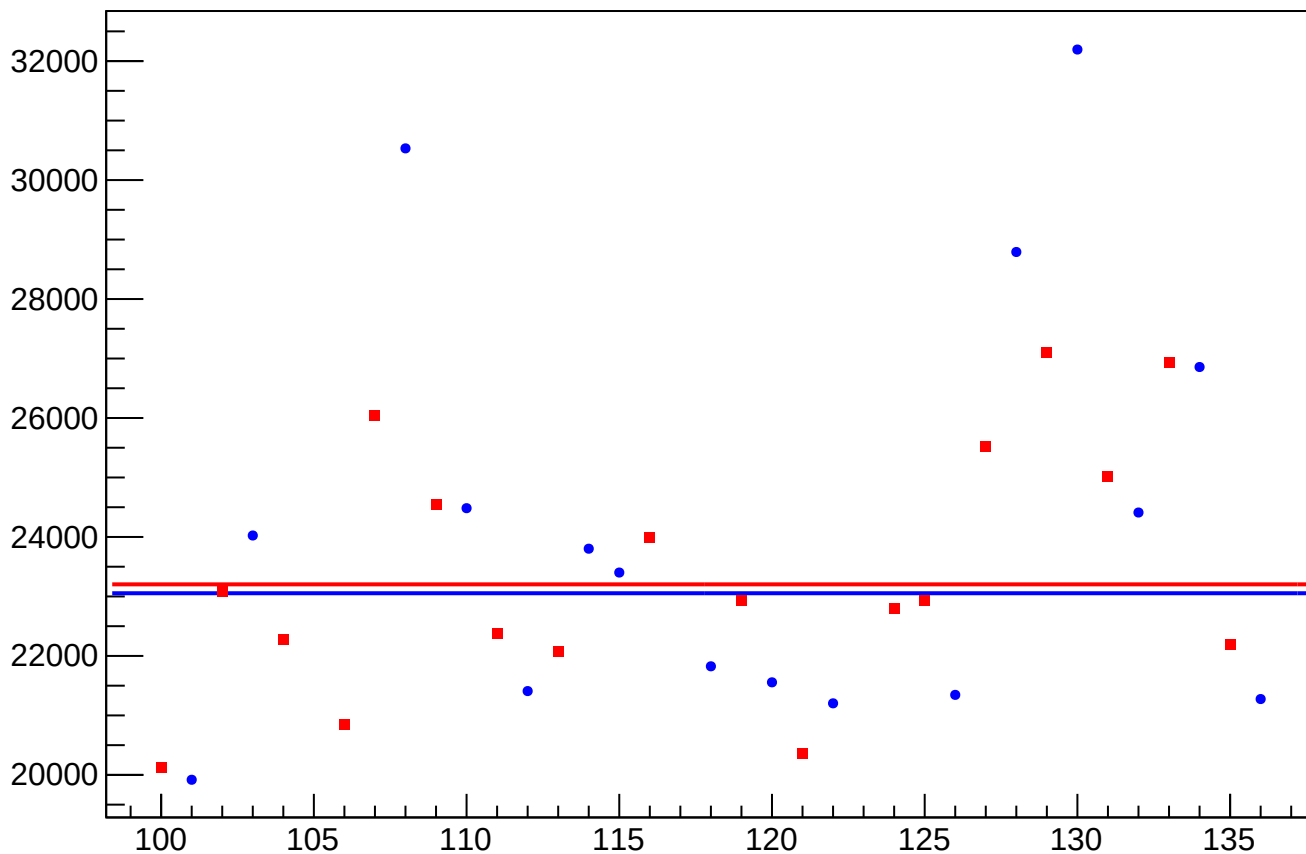
Right: -3.960 $\pm$ 6.124 χ^2 /NDF: 32.7/33

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: -3.960 $\pm$ 6.124 χ^2 /NDF: 32.7/33

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: 23203.352+/-6.111 χ^2/NDF : 91908.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

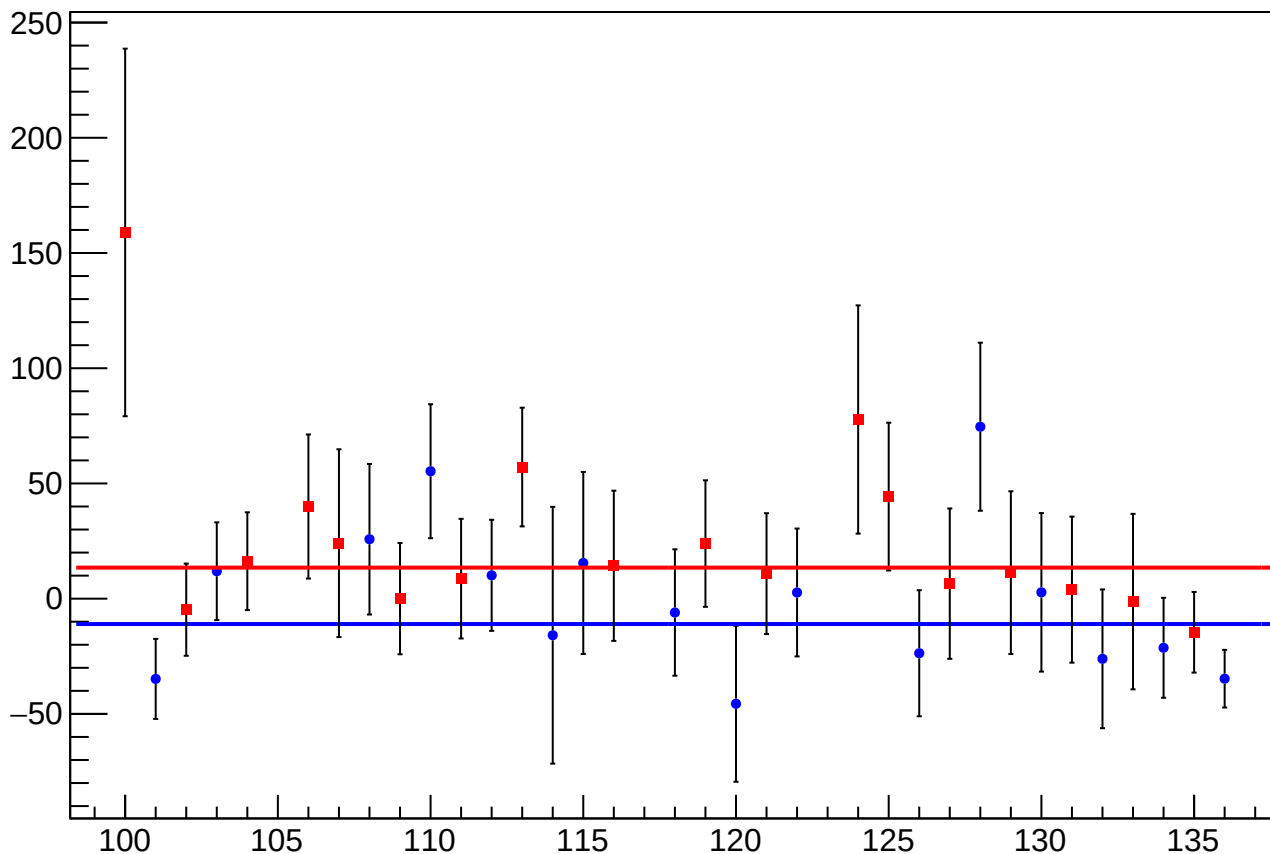
Right: 23128.947+/-4.330 χ^2/NDF : 353651.2/33

In: 23053.910+/-6.137 χ^2/NDF : 261444.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23128.947+/-4.330 χ^2/NDF : 353651.2/33

diff_bpm4aesumX_mean vs Slug, Sign Corrected



Right In: -11.002 $\pm$ 6.155 χ^2 /NDF: 22.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 13.481 $\pm$ 6.593 χ^2 /NDF: 13.8/17

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

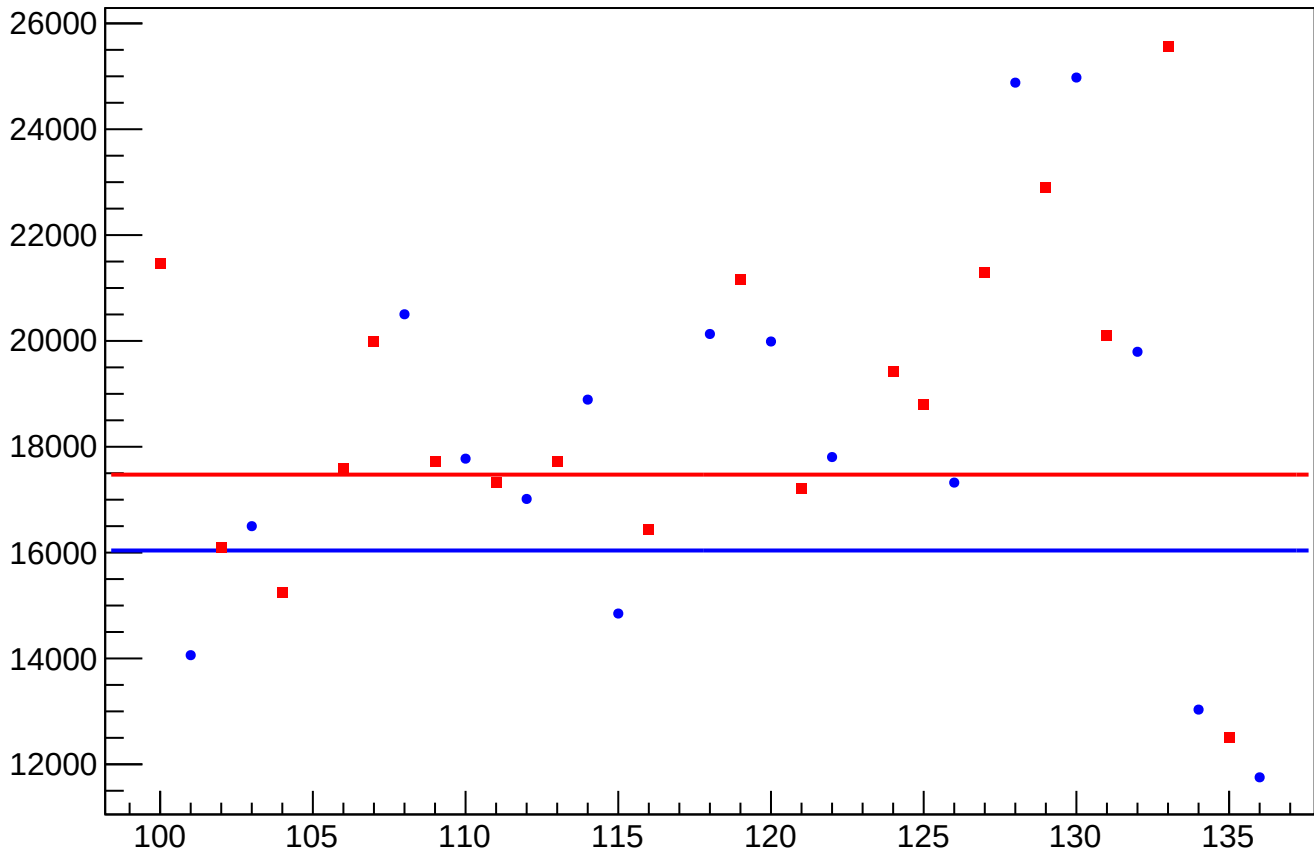
Right: 0.399 $\pm$ 4.499 χ^2 /NDF: 43.2/33

In: -11.002 $\pm$ 6.155 χ^2 /NDF:22.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.399 $\pm$ 4.499 χ^2 /NDF: 43.2/33

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: 17473.694+/-4.662 χ^2/NDF : 429492.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

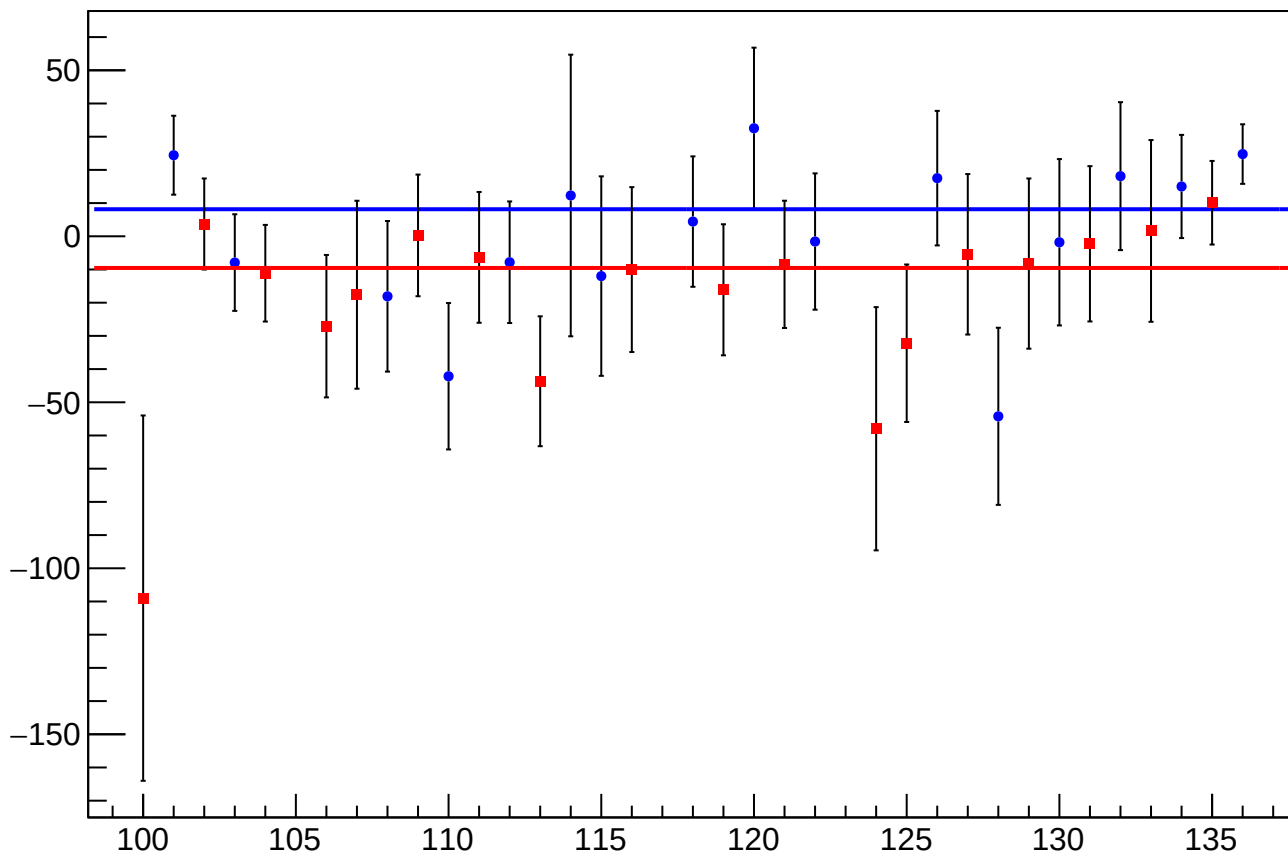
Right: 16707.657+/-3.181 χ^2/NDF : 1202700.7/33

In: 16040.060+/-4.352 χ^2/NDF : 722678.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16707.657+/-3.181 χ^2/NDF : 1202700.7/33

diff_bpm4aeddifX_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: -9.537+/-4.762 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

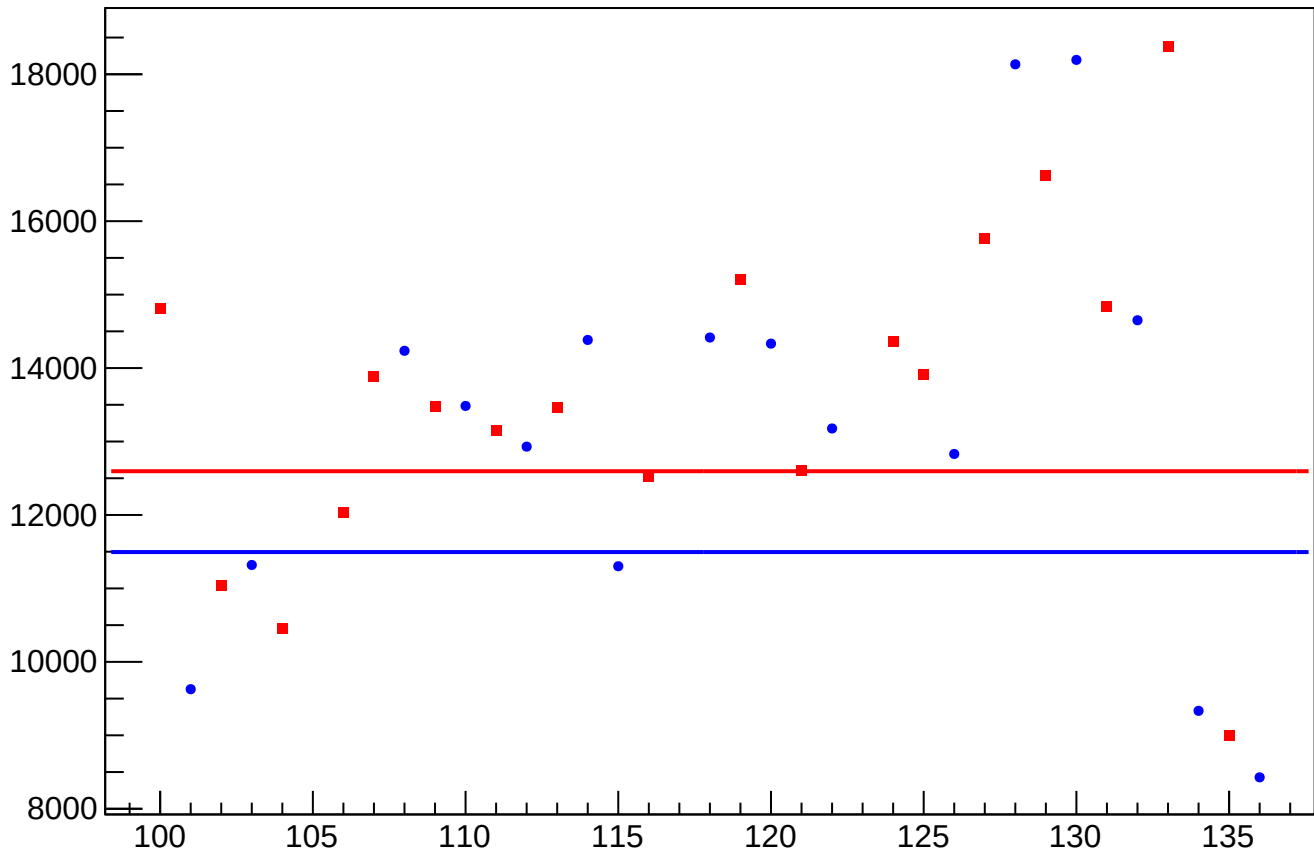
Right: -0.040+/-3.241 χ^2/NDF : 43.0/33

In: 8.150+/-4.423 χ^2/NDF : 21.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.040+/-3.241 χ^2/NDF : 43.0/33

diff_bpm4aediiffX_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: 12595.739+/-3.368 χ^2/NDF : 488491.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

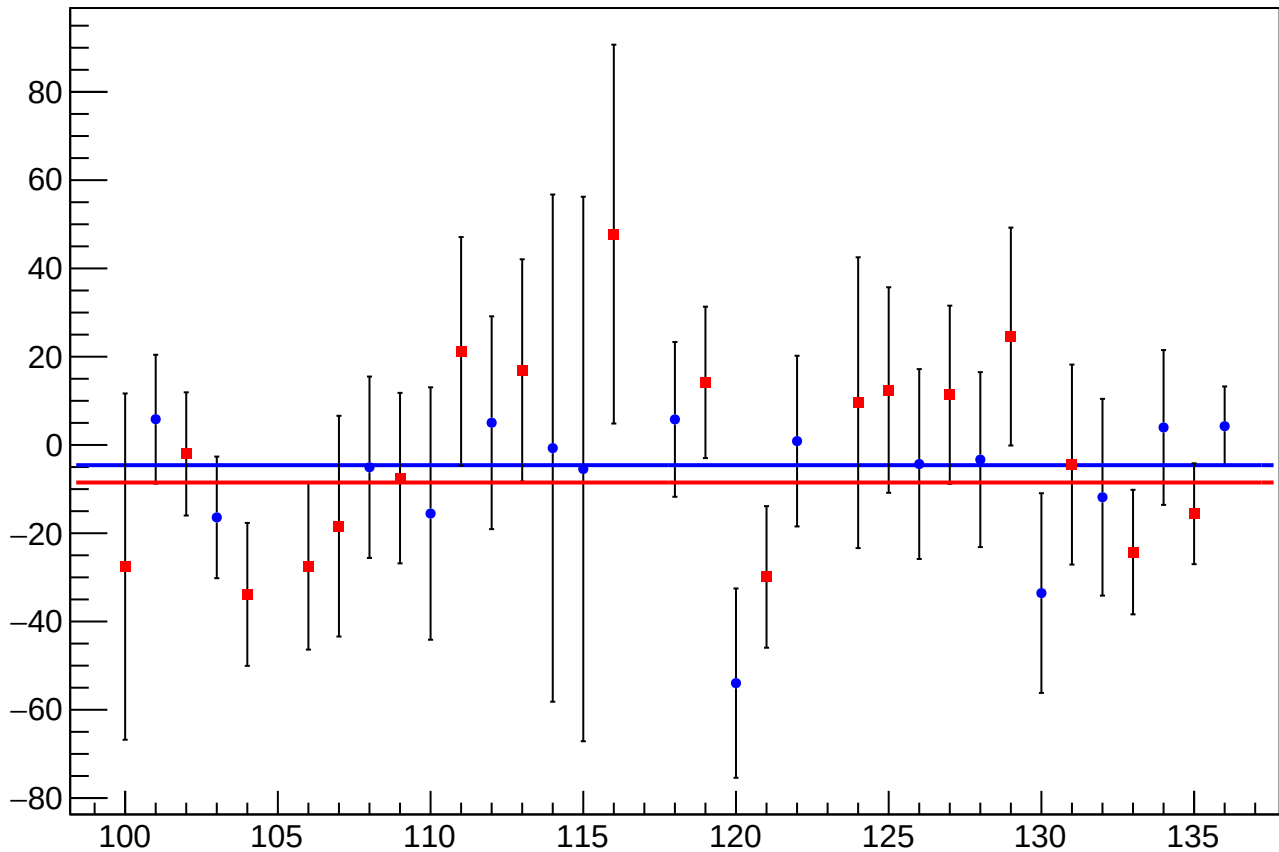
Right: 12004.711+/-2.292 χ^2/NDF : 1335850.3/33

In: 11494.969+/-3.127 χ^2/NDF : 789990.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12004.711+/-2.292 χ^2/NDF : 1335850.3/33

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: -8.507 ± 4.515 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

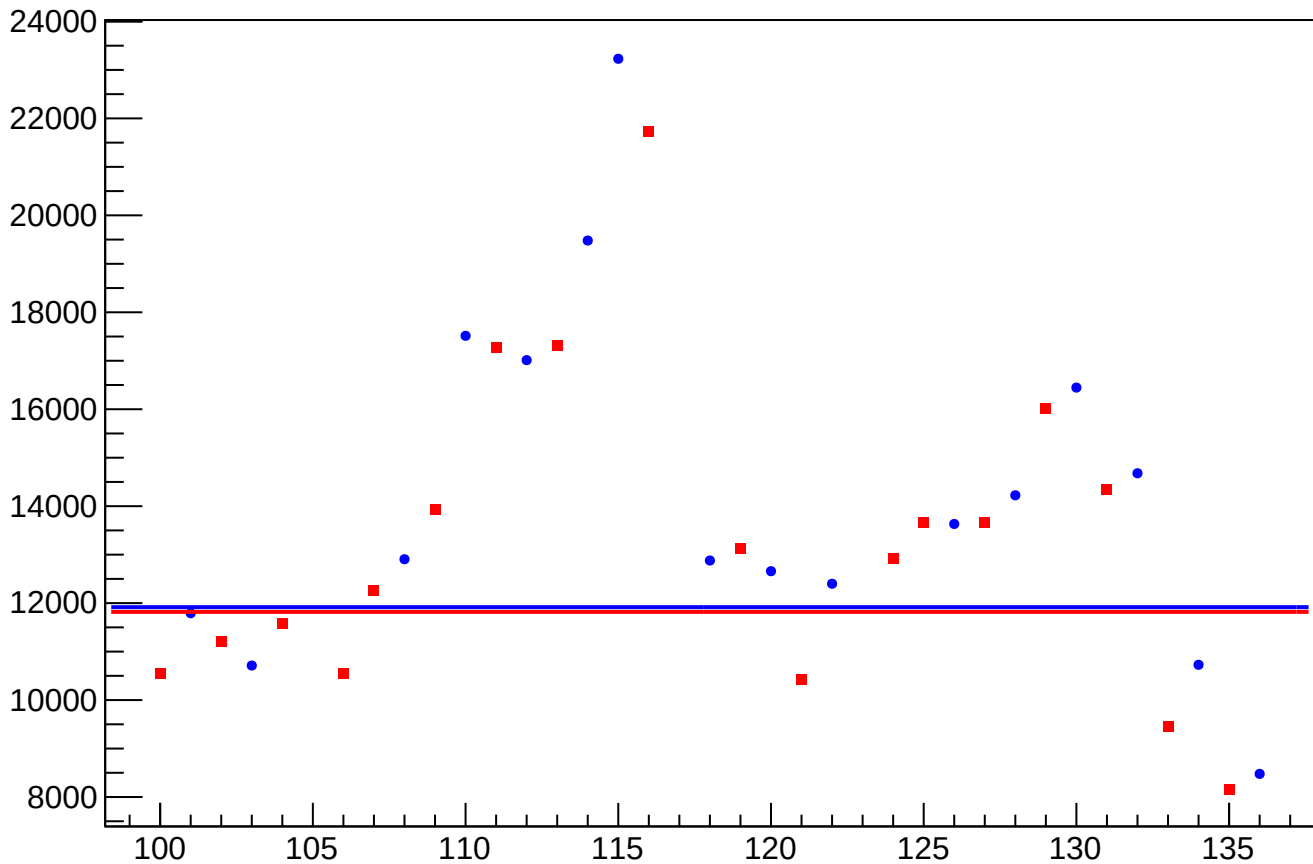
Right: -6.560 ± 3.206 χ^2/NDF : 27.8/33

In: -4.578 ± 4.554 χ^2/NDF : 10.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.560 ± 3.206 χ^2/NDF : 27.8/33

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: 11819.484+/-3.192 χ^2/NDF : 733675.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

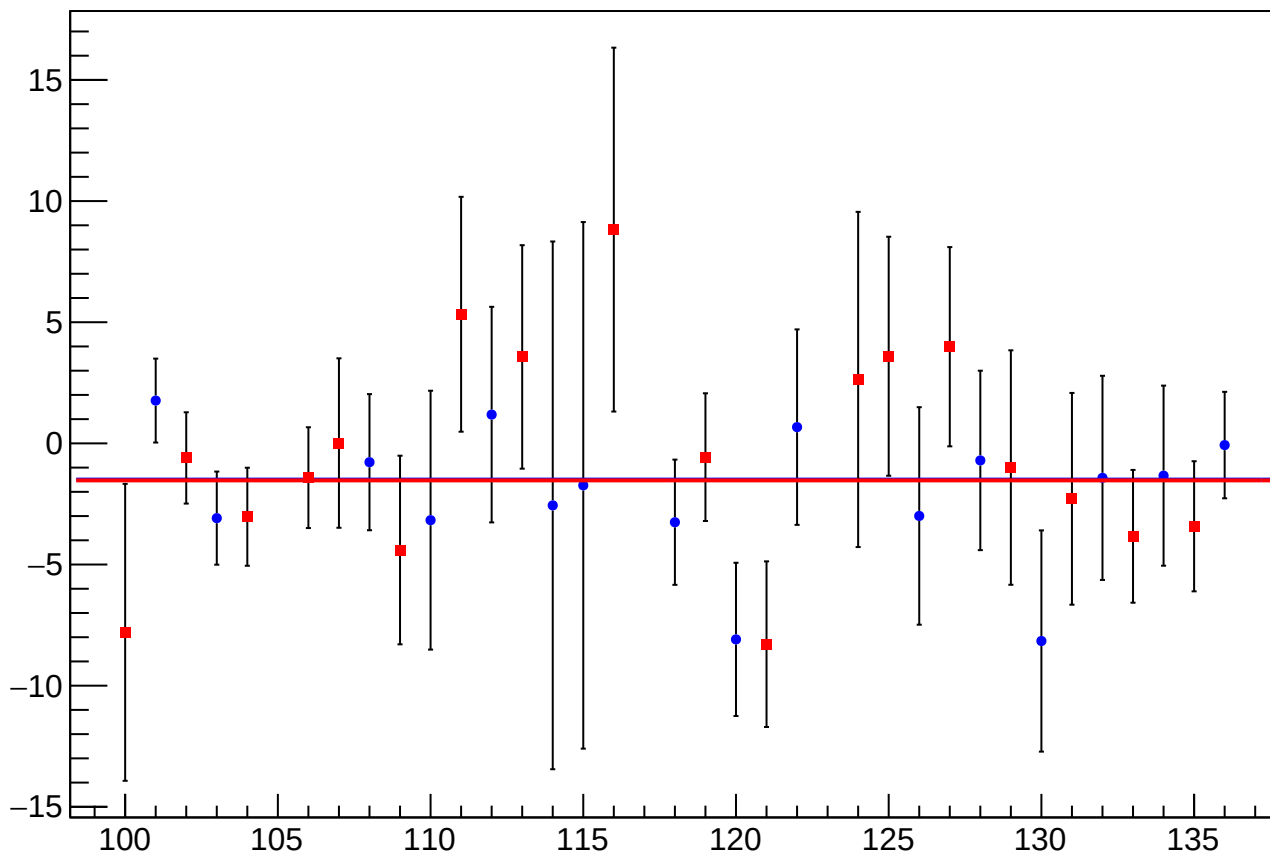
Right: 11867.500+/-2.267 χ^2/NDF : 1483906.9/33

In: 11916.355+/-3.220 χ^2/NDF : 749775.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11867.500+/-2.267 χ^2/NDF : 1483906.9/33

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: -1.527+/-0.755 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

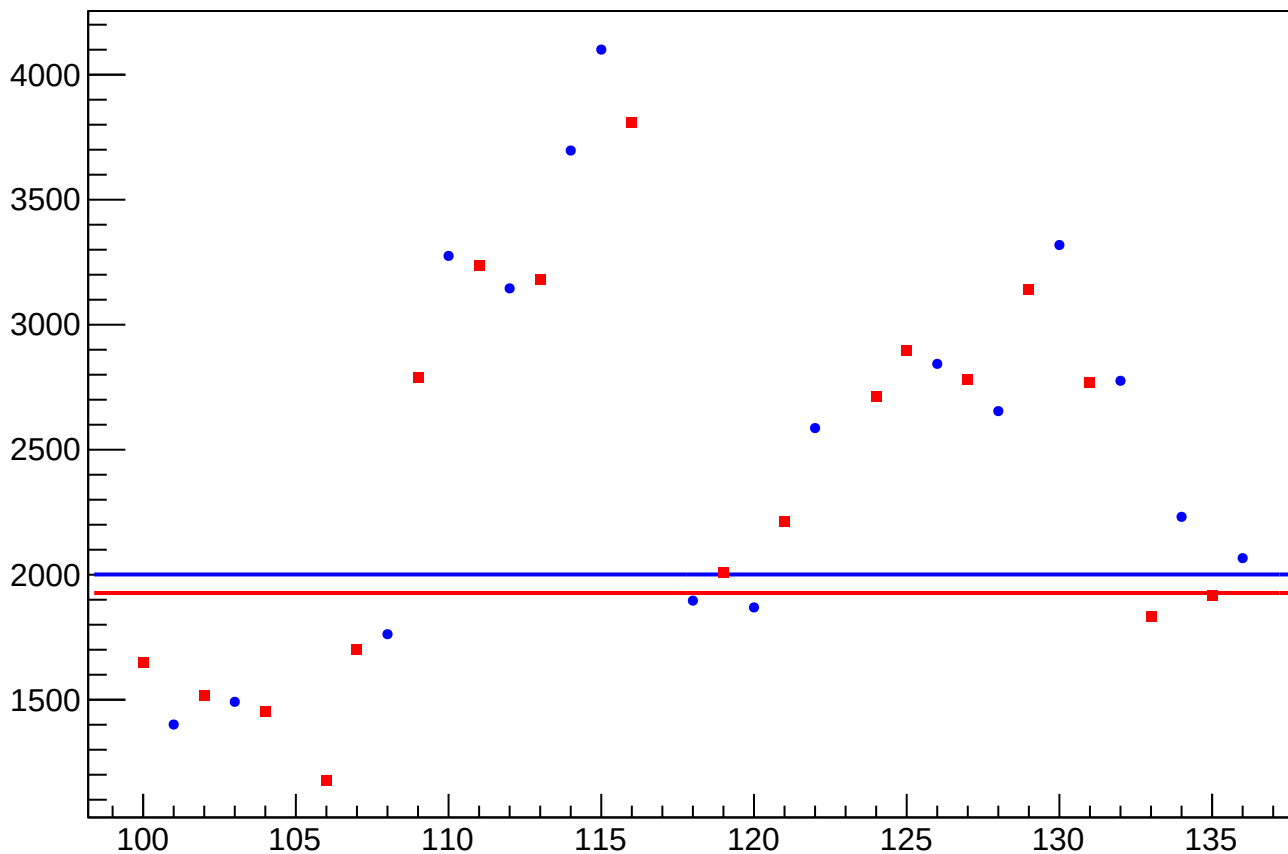
Right: -1.512+/-0.542 χ^2/NDF : 28.8/33

In: -1.496+/-0.778 χ^2/NDF : 12.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.512+/-0.542 χ^2/NDF : 28.8/33

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: 1926.865+/-0.534 χ^2/NDF : 1401850.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

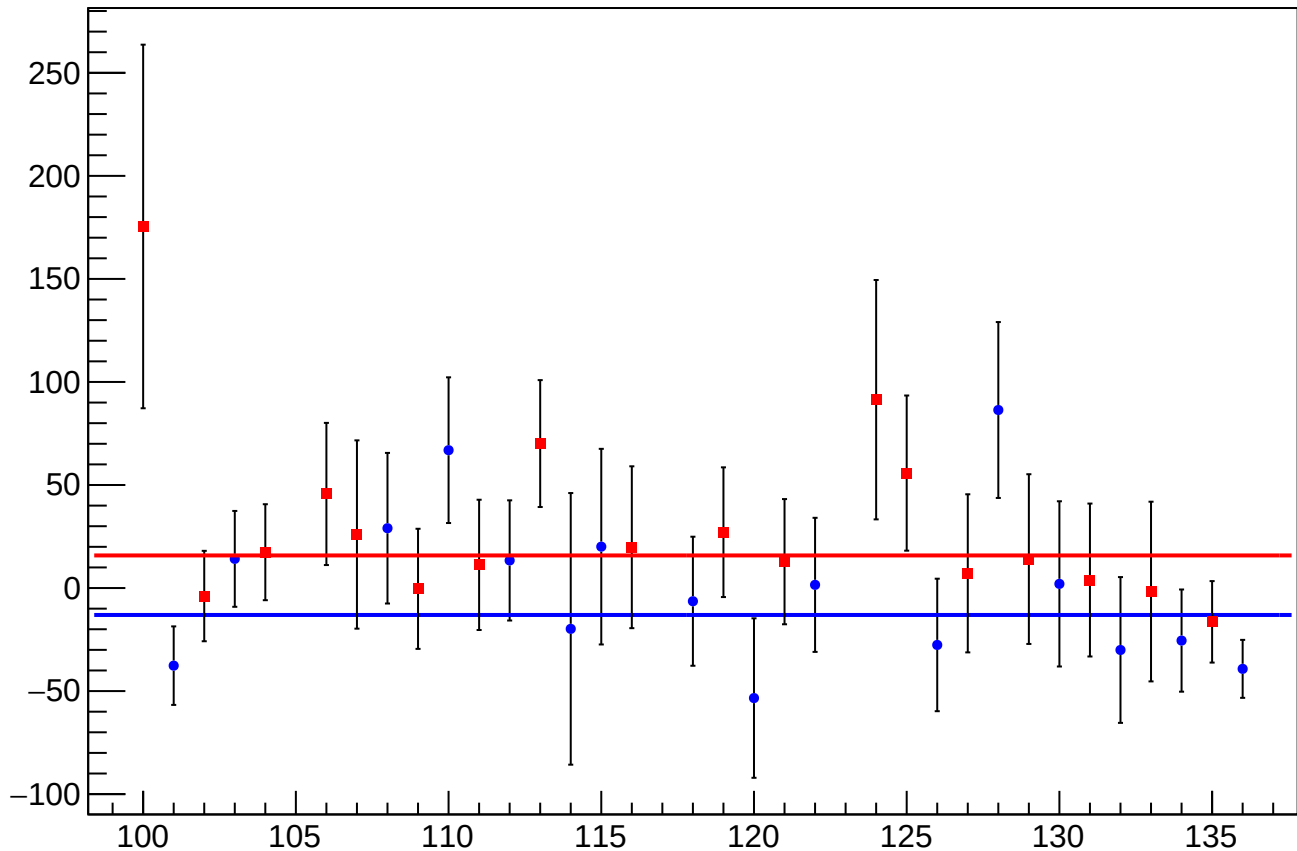
Right: 1962.785+/-0.383 χ^2/NDF : 2600990.4/33

In: 2001.000+/-0.550 χ^2/NDF : 1189784.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1962.785+/-0.383 χ^2/NDF : 2600990.4/33

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: 15.820+/-7.575 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

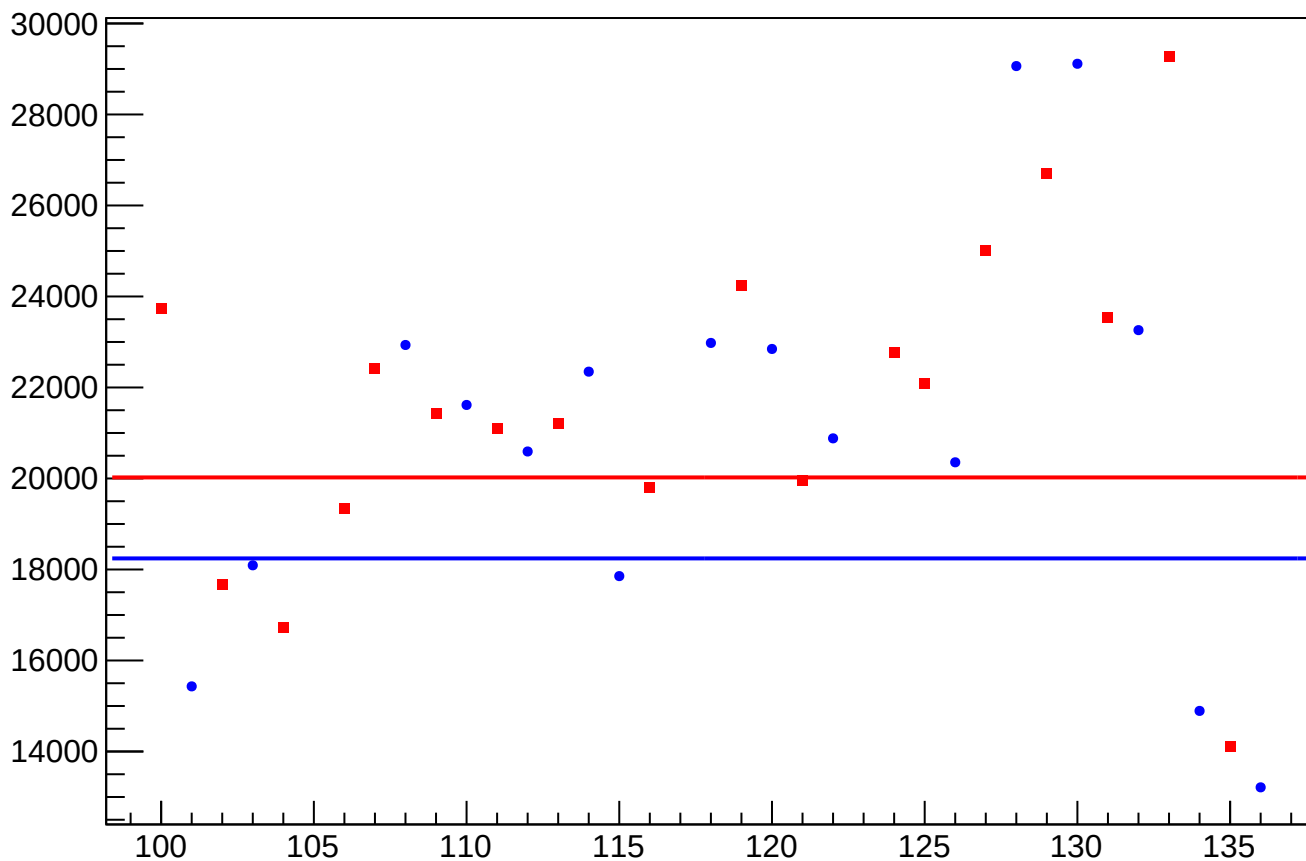
Right: 0.294+/-5.151 χ^2/NDF : 43.9/33

In: -13.066+/-7.026 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.294+/-5.151 χ^2/NDF : 43.9/33

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: 20023.208+/-5.356 χ^2/NDF : 502517.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

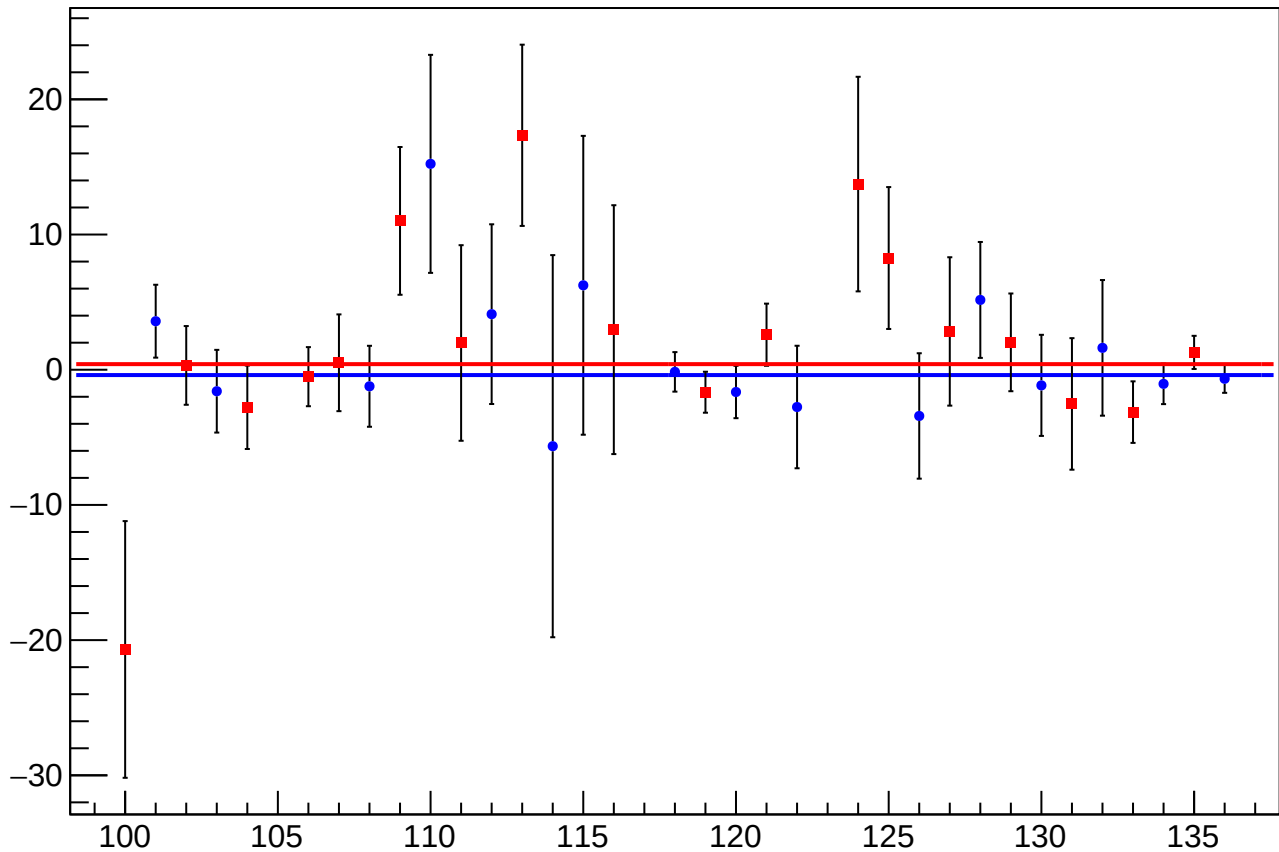
Right: 19066.542+/-3.643 χ^2/NDF : 1381700.8/33

In: 18243.342+/-4.968 χ^2/NDF :819828.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19066.542+/-3.643 χ^2/NDF : 1381700.8/33

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: 0.414 ± 0.660 χ^2/NDF : 28.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

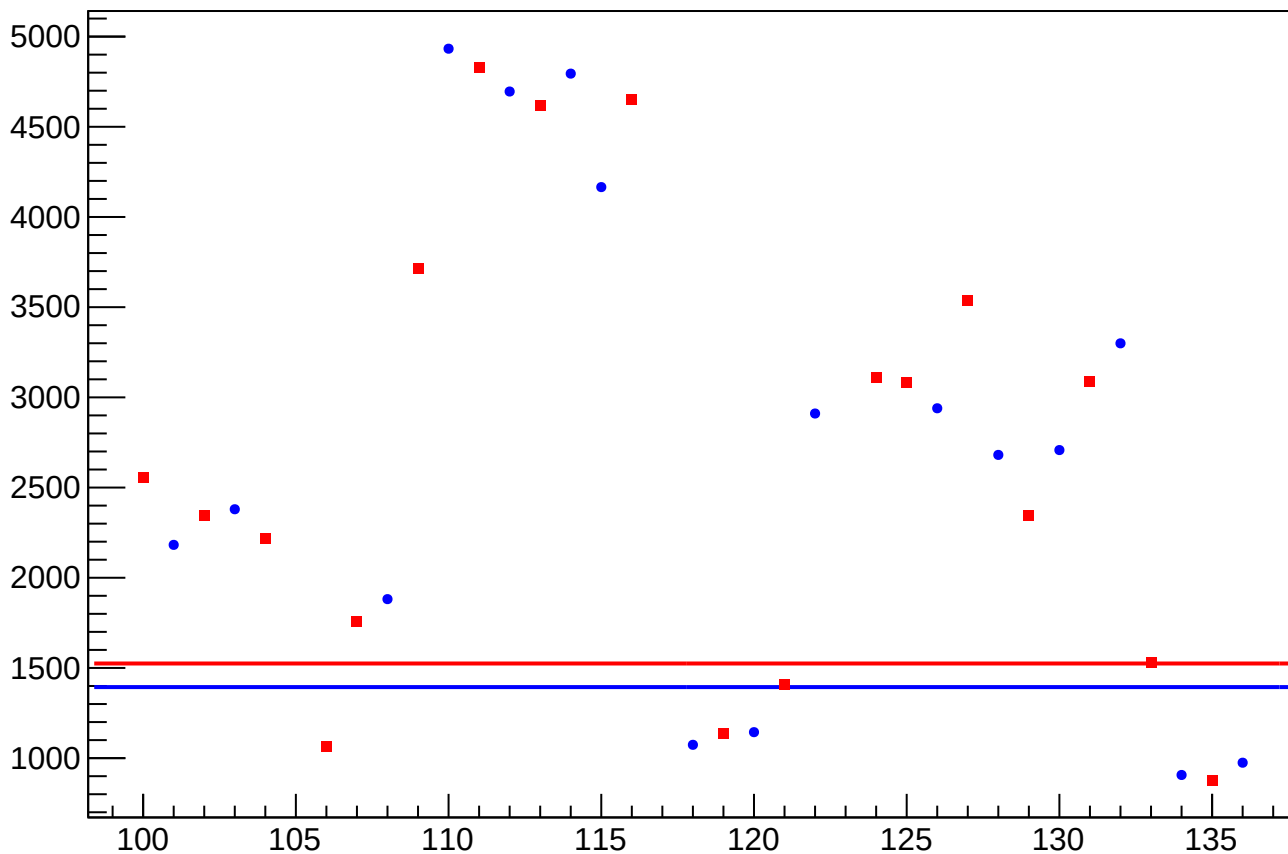
Right: -0.029 ± 0.444 χ^2/NDF : 39.2/33

In: -0.394 ± 0.600 χ^2/NDF : 10.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.029 ± 0.444 χ^2/NDF : 39.2/33

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: 1524.700+/-0.467 χ^2/NDF : 3309962.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

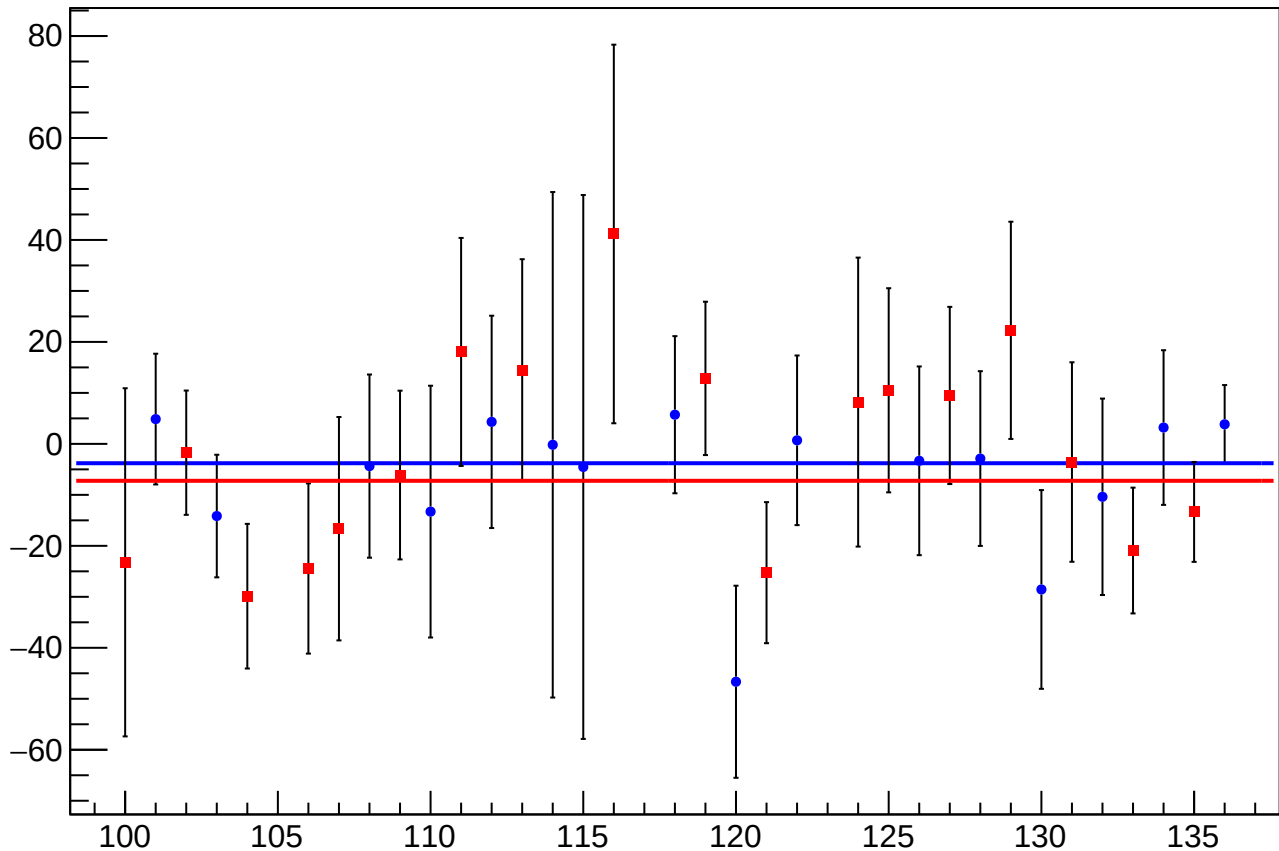
Right: 1453.110+/-0.314 χ^2/NDF : 6733963.8/33

In: 1393.912+/-0.424 χ^2/NDF : 3381007.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1453.110+/-0.314 χ^2/NDF : 6733963.8/33

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: -7.241+/-3.916 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

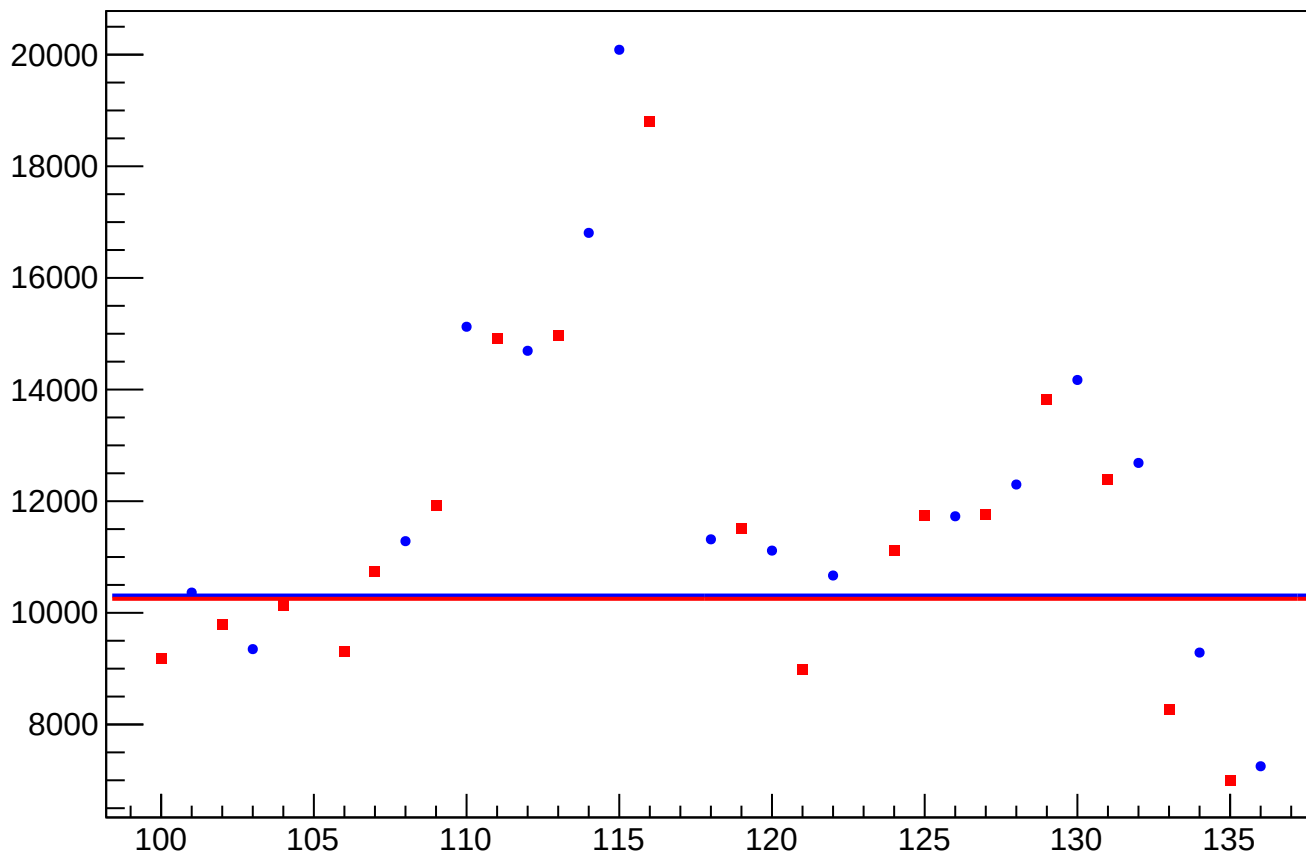
Right: -5.530+/-2.779 χ^2/NDF : 27.7/33

In: -3.795+/-3.943 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.530+/-2.779 χ^2/NDF : 27.7/33

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: 10251.364+/-2.769 χ^2/NDF : 730614.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

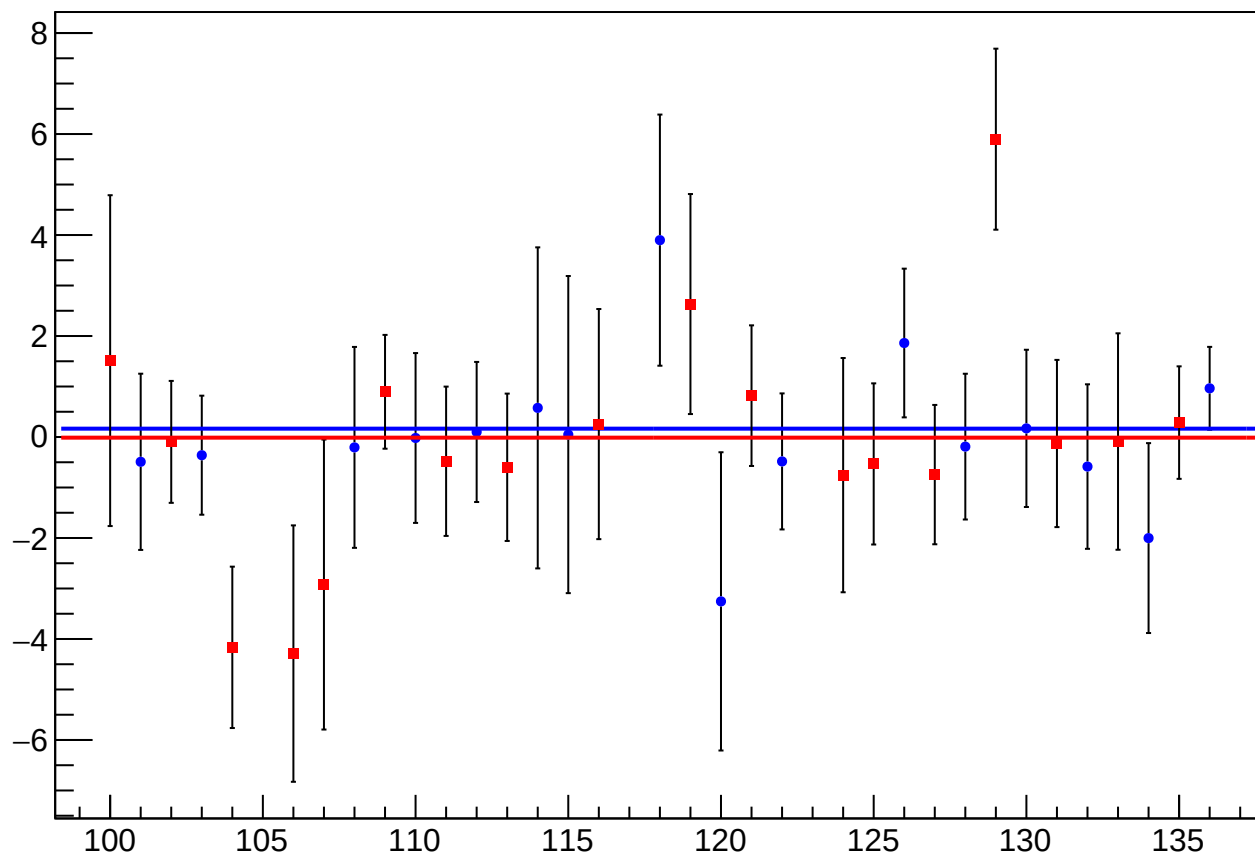
Right: 10280.464+/-1.965 χ^2/NDF : 1501355.5/33

In: 10309.969+/-2.788 χ^2/NDF :770518.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10280.464+/-1.965 χ^2/NDF : 1501355.5/33

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: -0.013+/-0.381 χ^2/NDF : 25.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

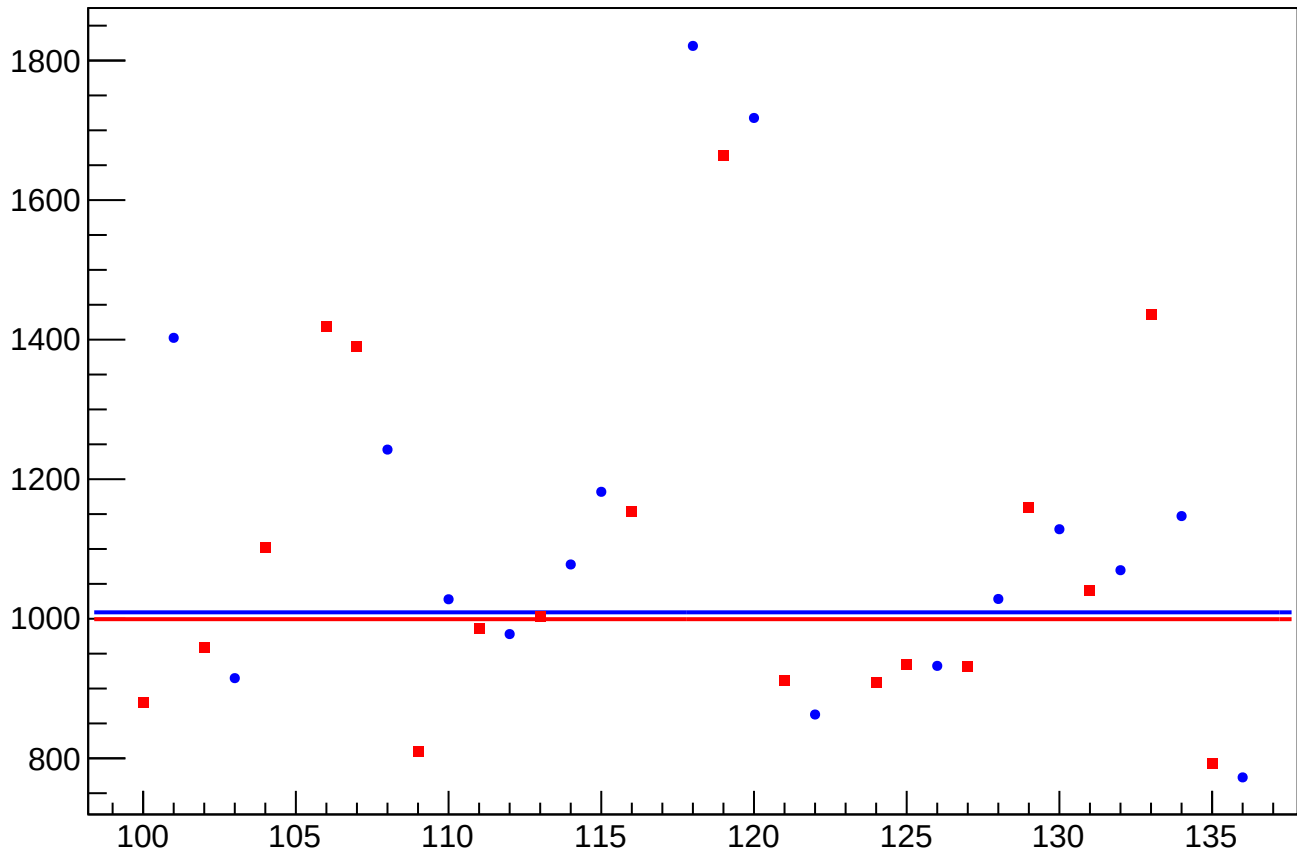
Right: 0.075+/-0.271 χ^2/NDF : 33.3/33

In: 0.165+/-0.386 χ^2/NDF : 8.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.075+/-0.271 χ^2/NDF : 33.3/33

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: 999.400+/-0.269 χ^2/NDF : 545005.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

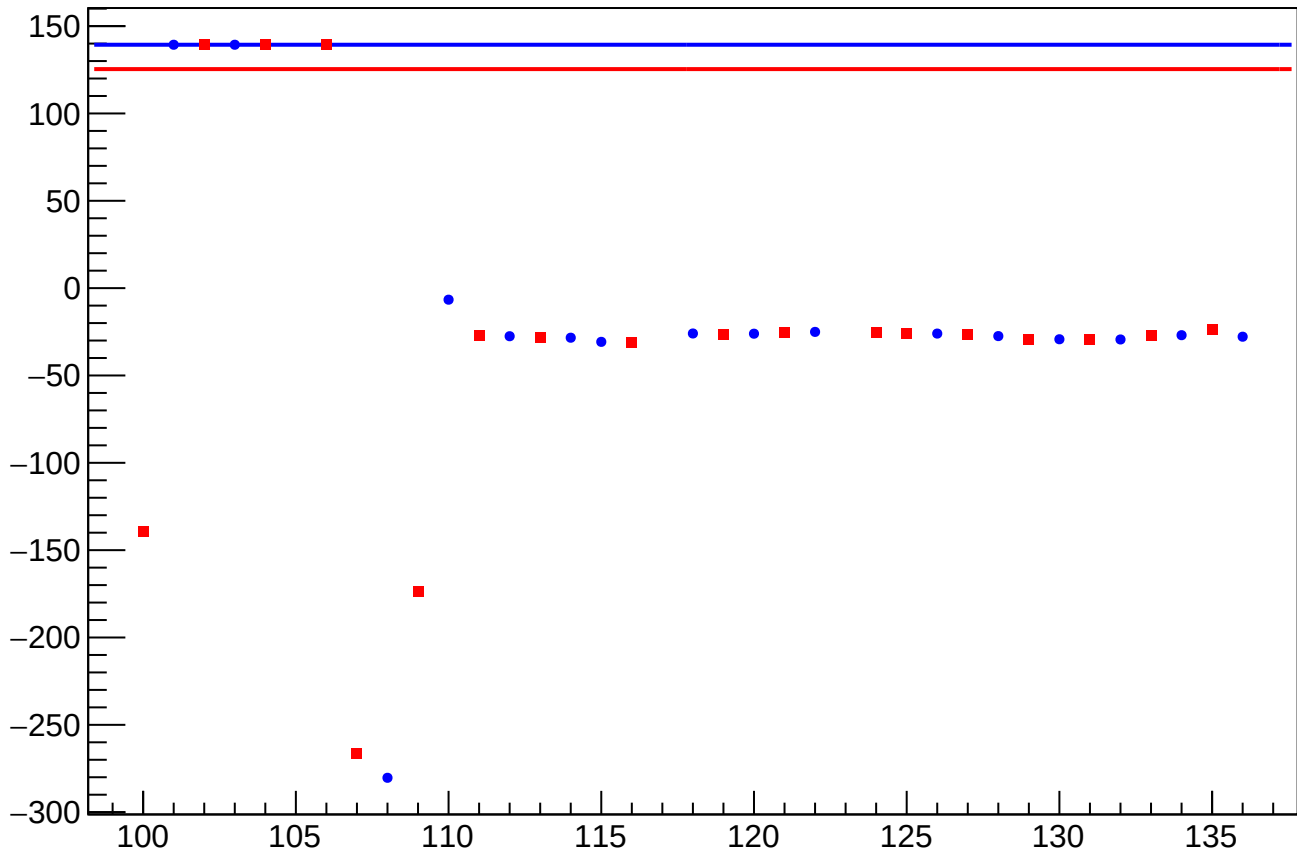
Right: 1004.244+/-0.192 χ^2/NDF : 1244964.5/33

In: 1009.222+/-0.273 χ^2/NDF :699303.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1004.244+/-0.192 χ^2/NDF : 1244964.5/33

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: 774170830046562.9/17

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

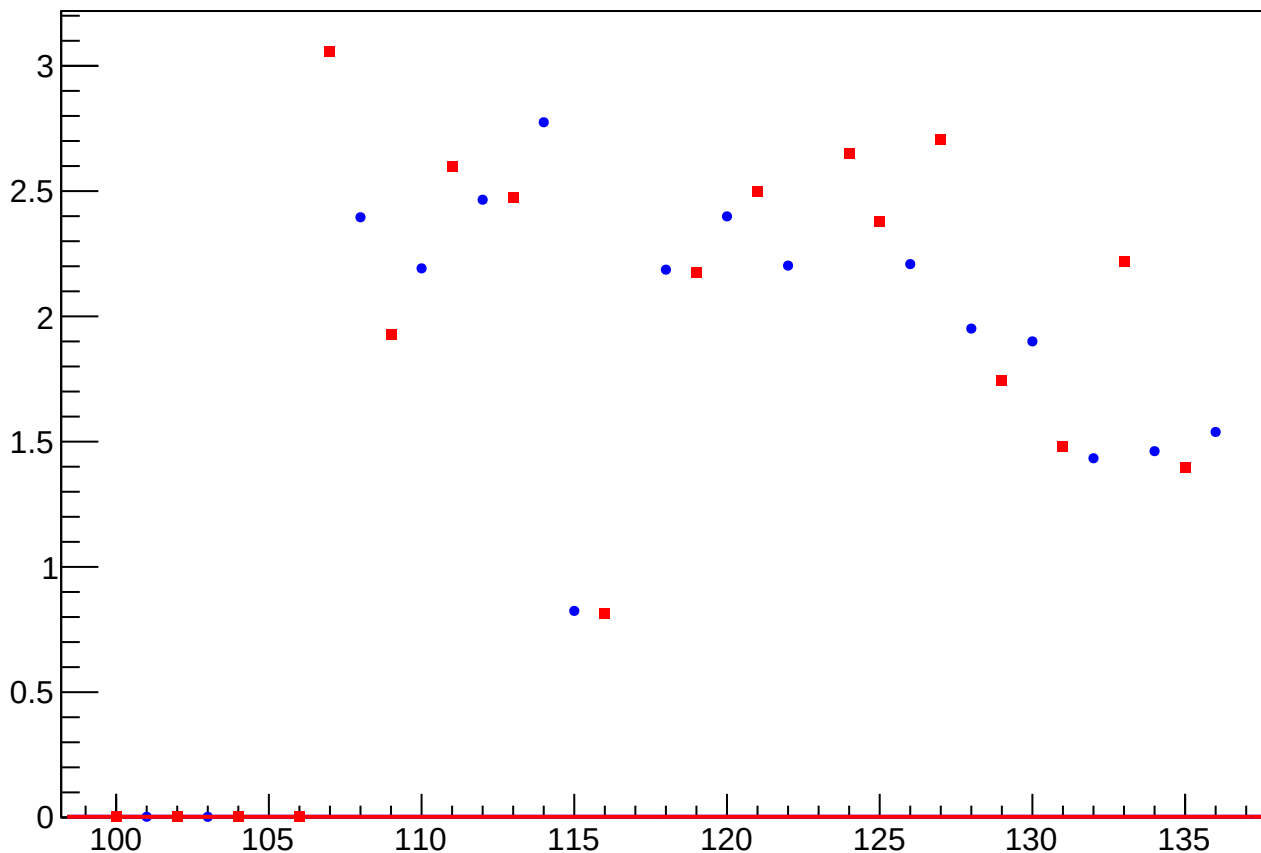
Right: 131.818 $\pm$ 0.000 χ^2 /NDF: 793002513208555

In: 139.337 $\pm$ 0.000 χ^2 /NDF: 47088045550.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.818 $\pm$ 0.000 χ^2 /NDF: 793002513208

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 : 9464798.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

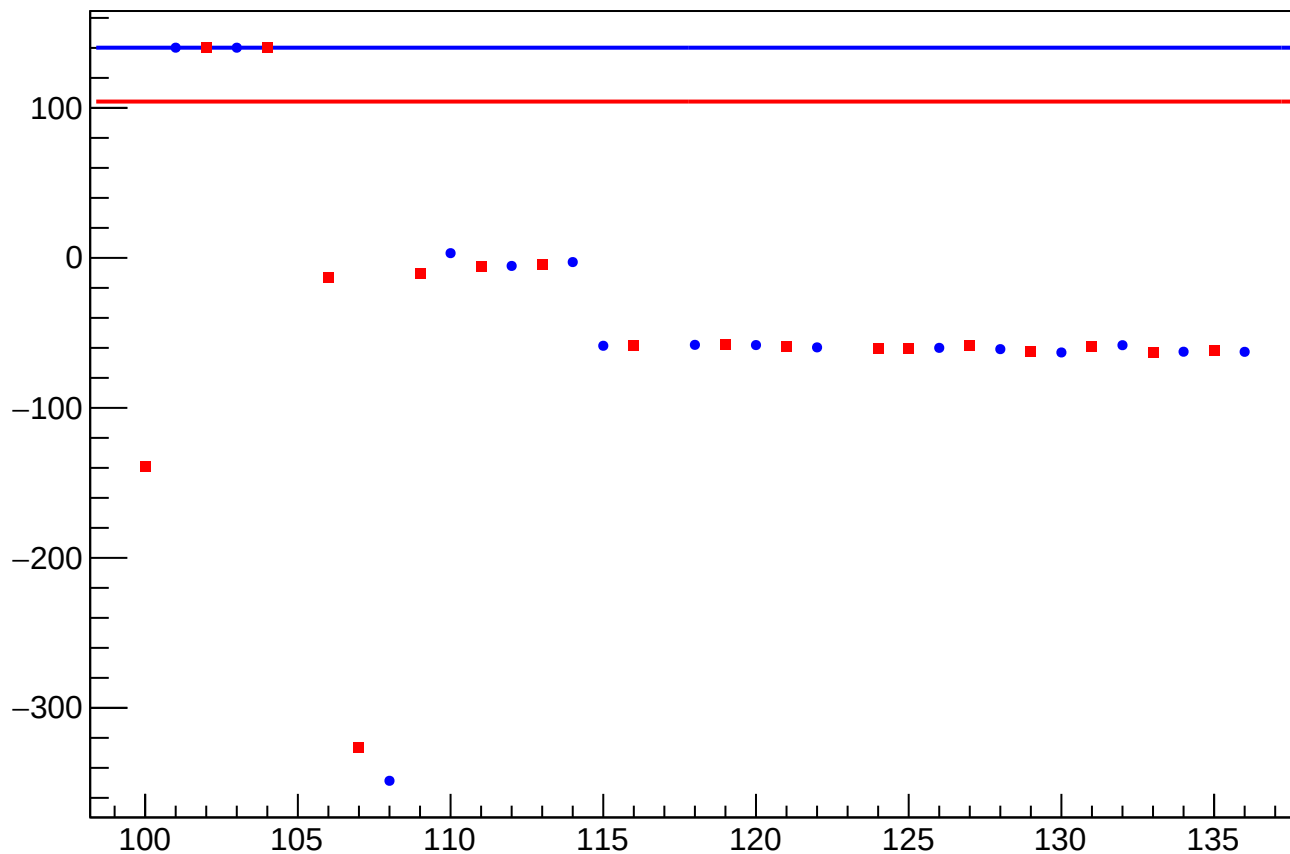
Right: 0.003+/-0.000 χ^2/NDF : 19030645.7/33

In: 0.003+/-0.000 χ^2/NDF :9565657.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

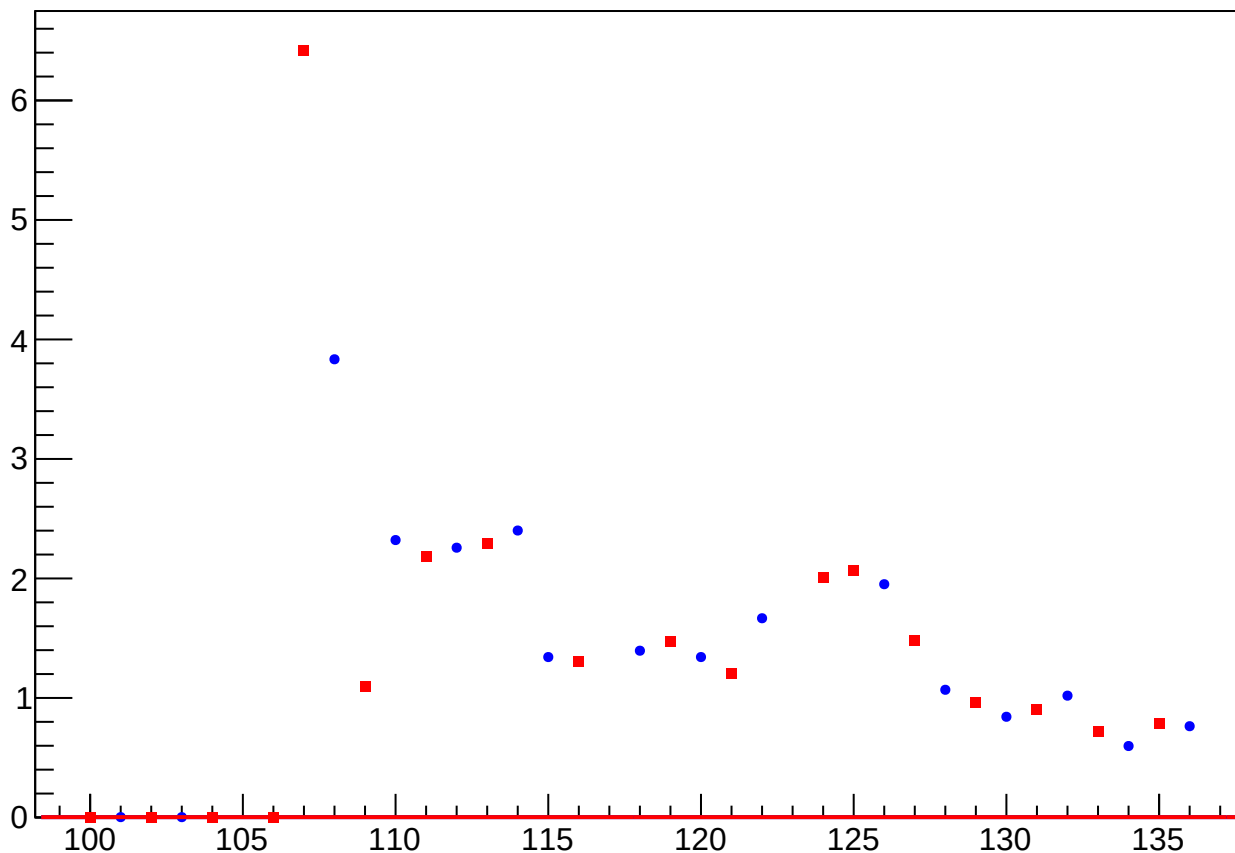
All: 0.003+/-0.000 χ^2/NDF : 19030645.7/33

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: 104.225 $\pm$ 0.000 χ^2 /NDF: 1257390880443962.2/17
 Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0
 All: 120.832 $\pm$ 0.000 χ^2 /NDF: 138088240516474

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 : 9916854.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

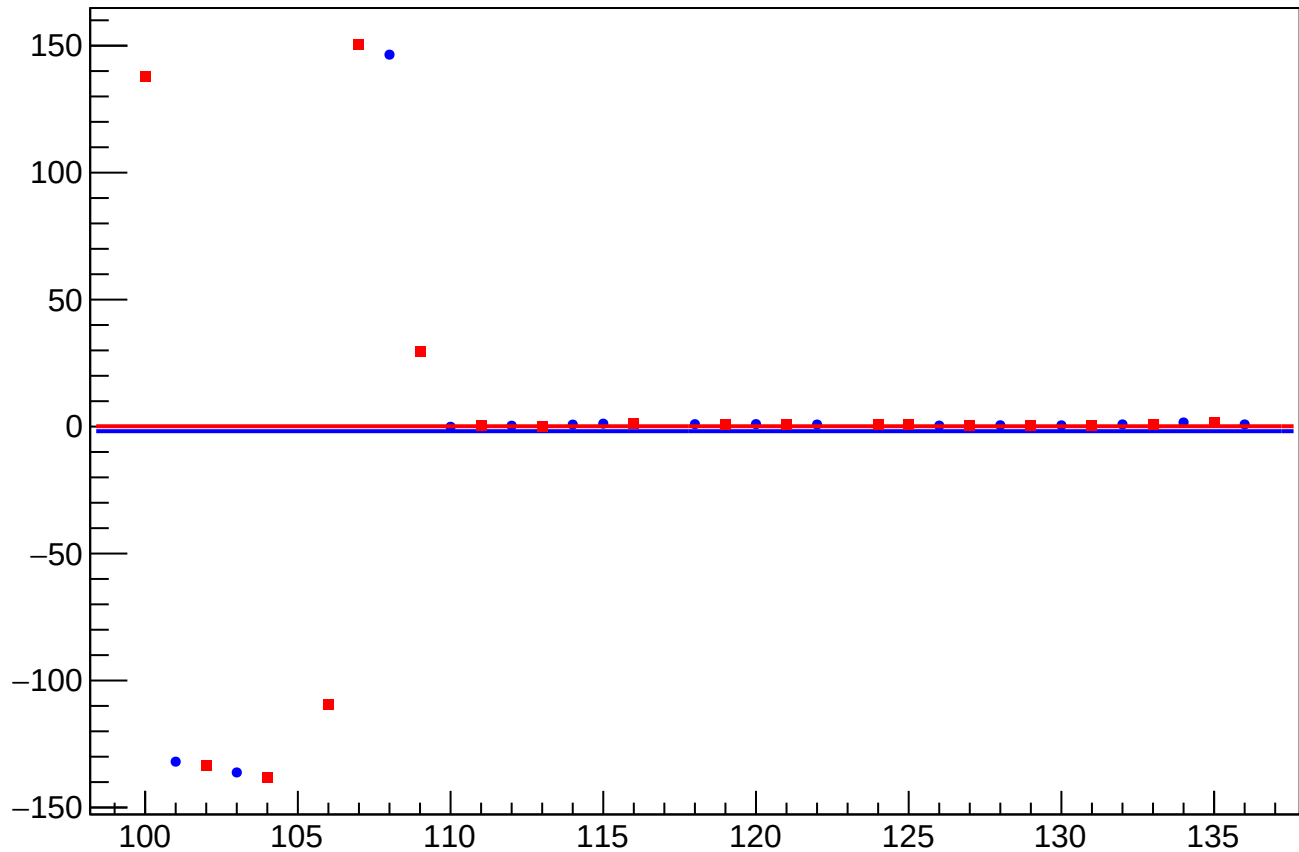
Right: 0.003+/-0.000 χ^2/NDF : 20495800.8/33

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 : 20495800.8/33

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: 0.130+/-0.000 χ^2/NDF : 3610948869.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

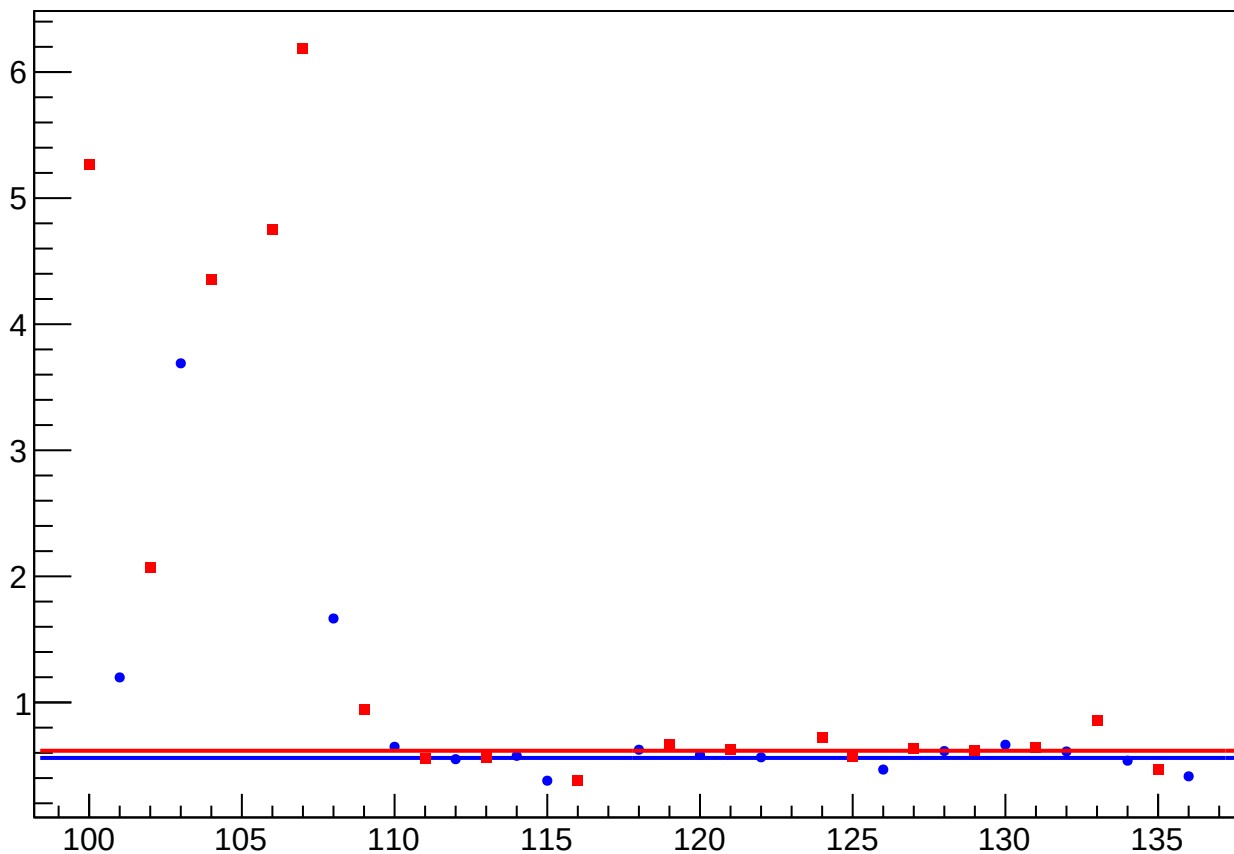
Right: -0.961+/-0.000 χ^2/NDF : 13525055397.0/33

In: -1.818+/-0.000 χ^2/NDF :9887177310.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.961+/-0.000 χ^2/NDF : 13525055397.0/33

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: 0.617+/-0.000 χ^2/NDF : 2450112.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

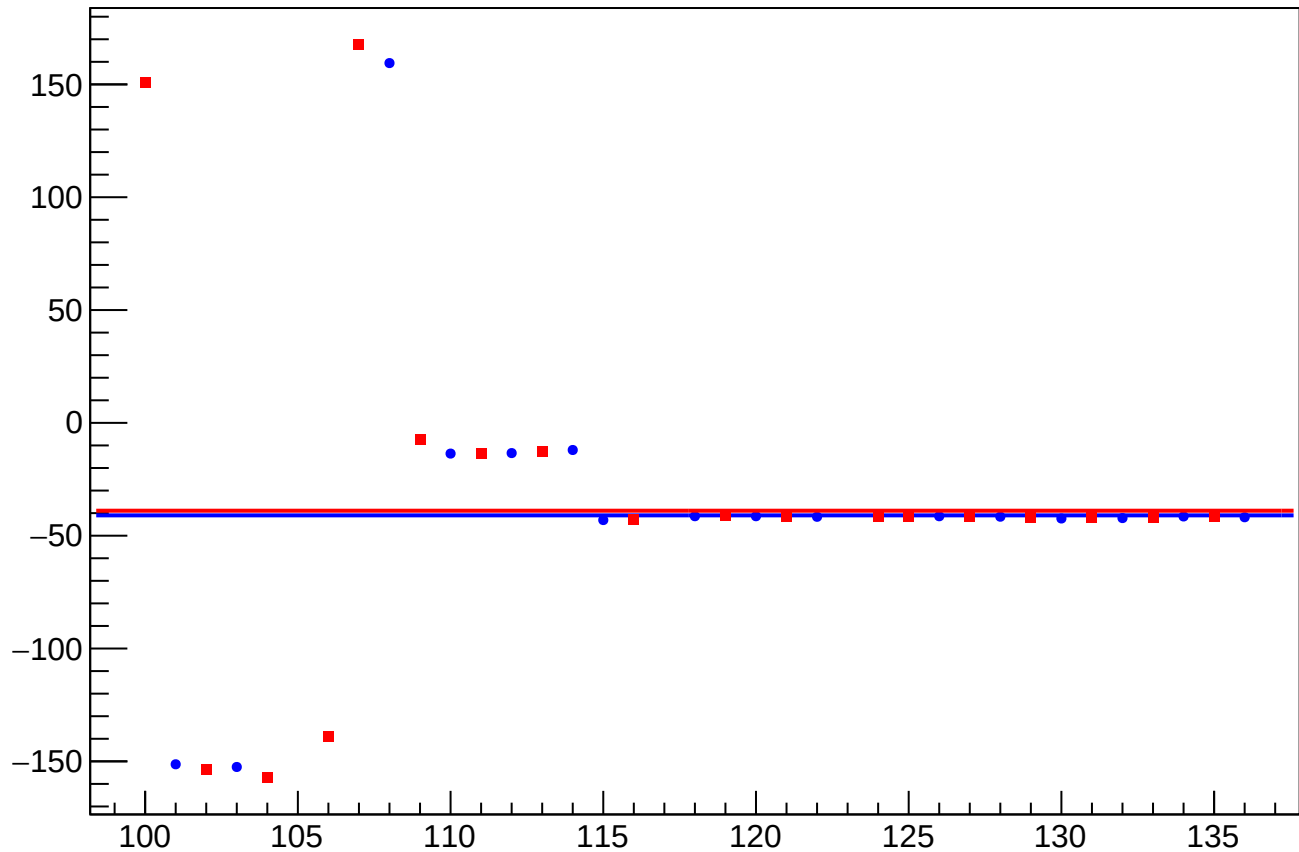
Right: 0.585+/-0.000 χ^2/NDF : 4094429.7/33

In: 0.560+/-0.000 χ^2/NDF : 1598439.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.585+/-0.000 χ^2/NDF : 4094429.7/33

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: -38.924+/-0.000 χ^2/NDF : 2471429703.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

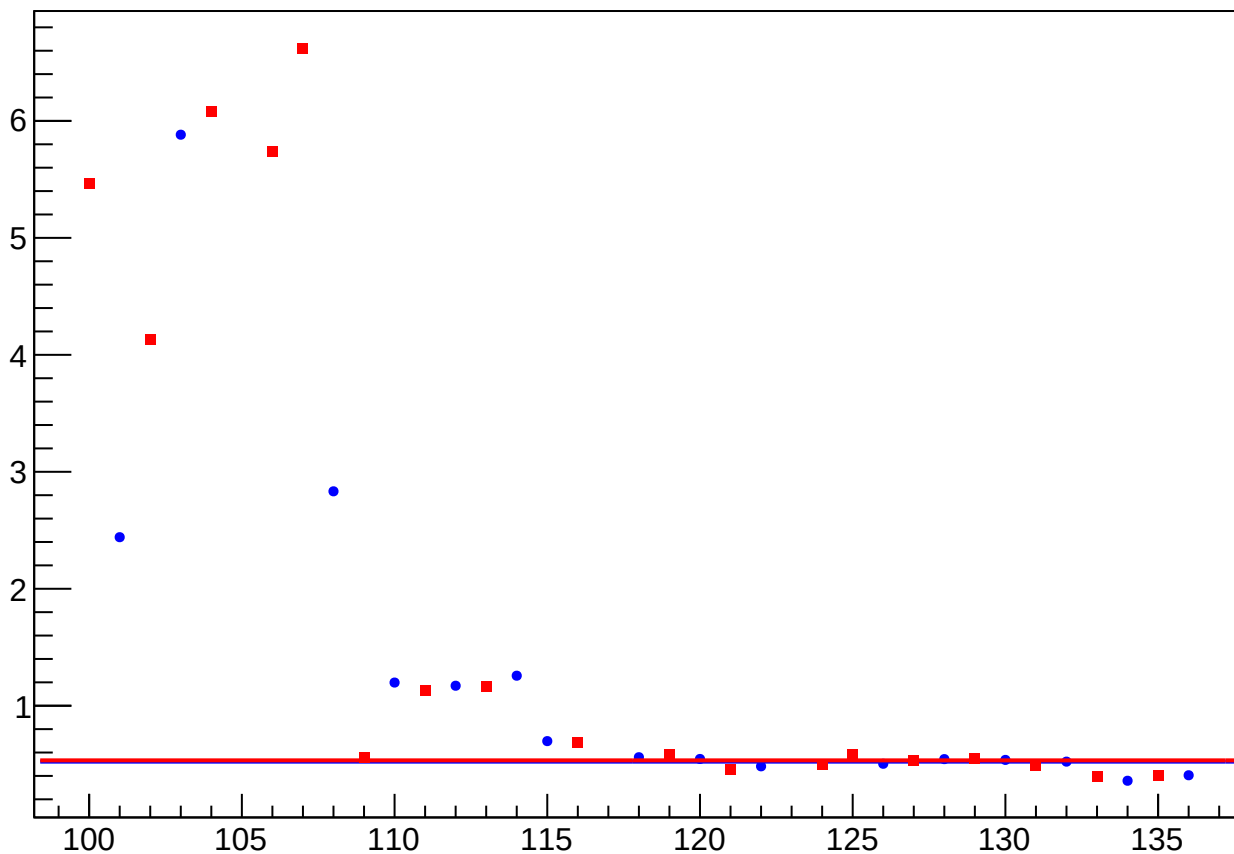
Right: -40.003+/-0.000 χ^2/NDF : 5958484629.0/33

In: -40.987+/-0.000 χ^2/NDF : 3449622021.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.003+/-0.000 χ^2/NDF : 5958484629.0/33

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: 0.533+/-0.000 χ^2/NDF : 3219020.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

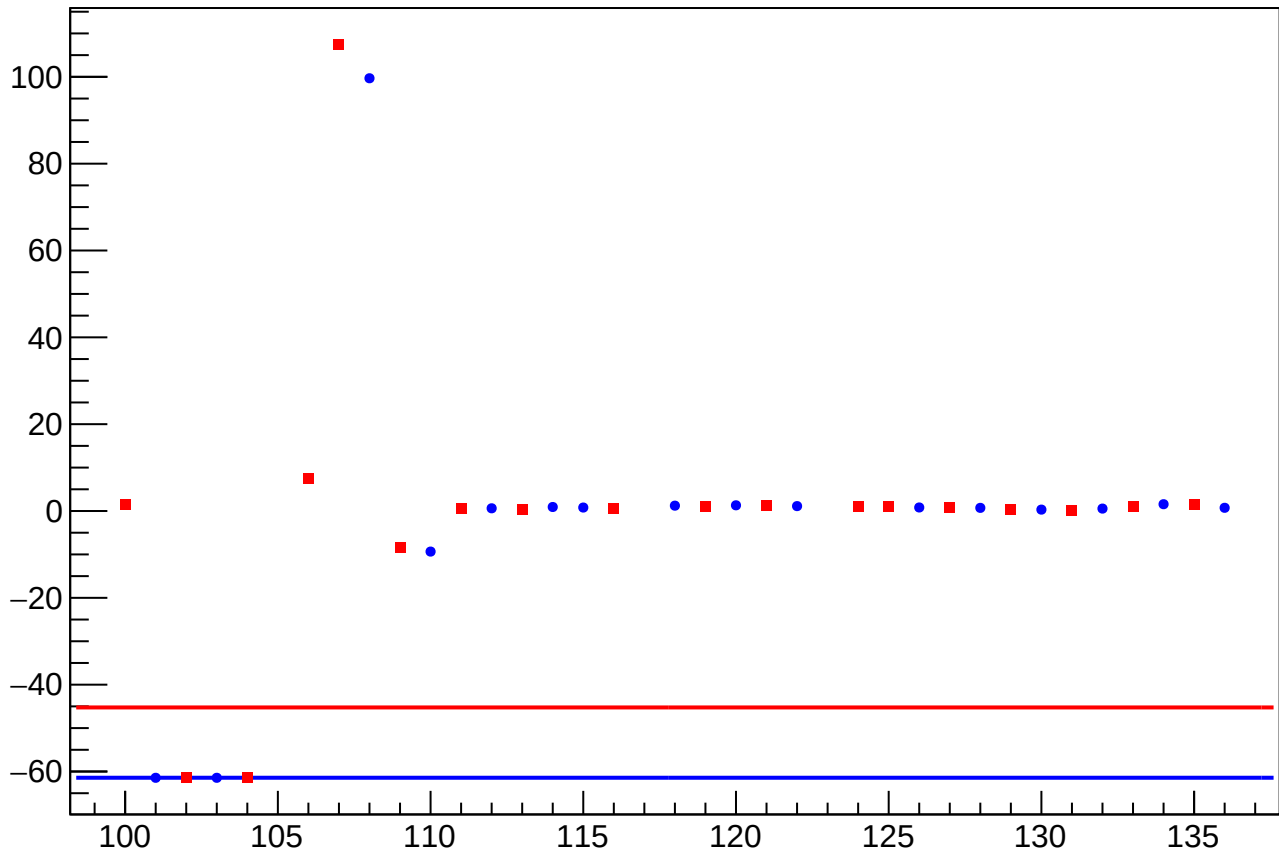
Right: 0.527+/-0.000 χ^2/NDF : 6170464.3/33

In: 0.522+/-0.000 χ^2/NDF :2949327.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

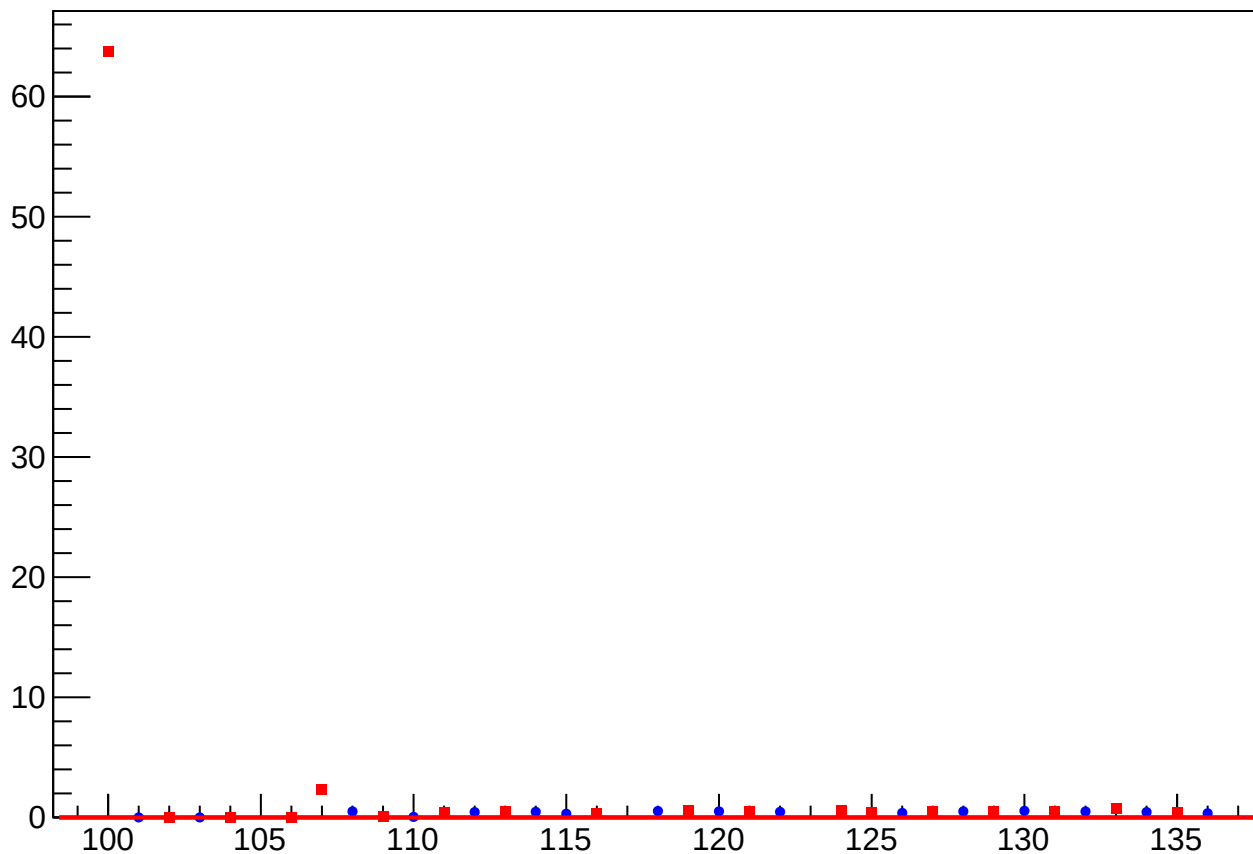
All: 0.527+/-0.000 χ^2/NDF : 6170464.3/33

yield_cav4dX_mean vs Slug, Sign Corrected



Right In: -61.436+/-0.000 χ^2/NDF : 273496278670.9/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -45.245+/-0.000 χ^2/NDF : 357867951773021.1/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -52.749+/-0.000 χ^2/NDF : 409118702589976

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 : 9028434.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

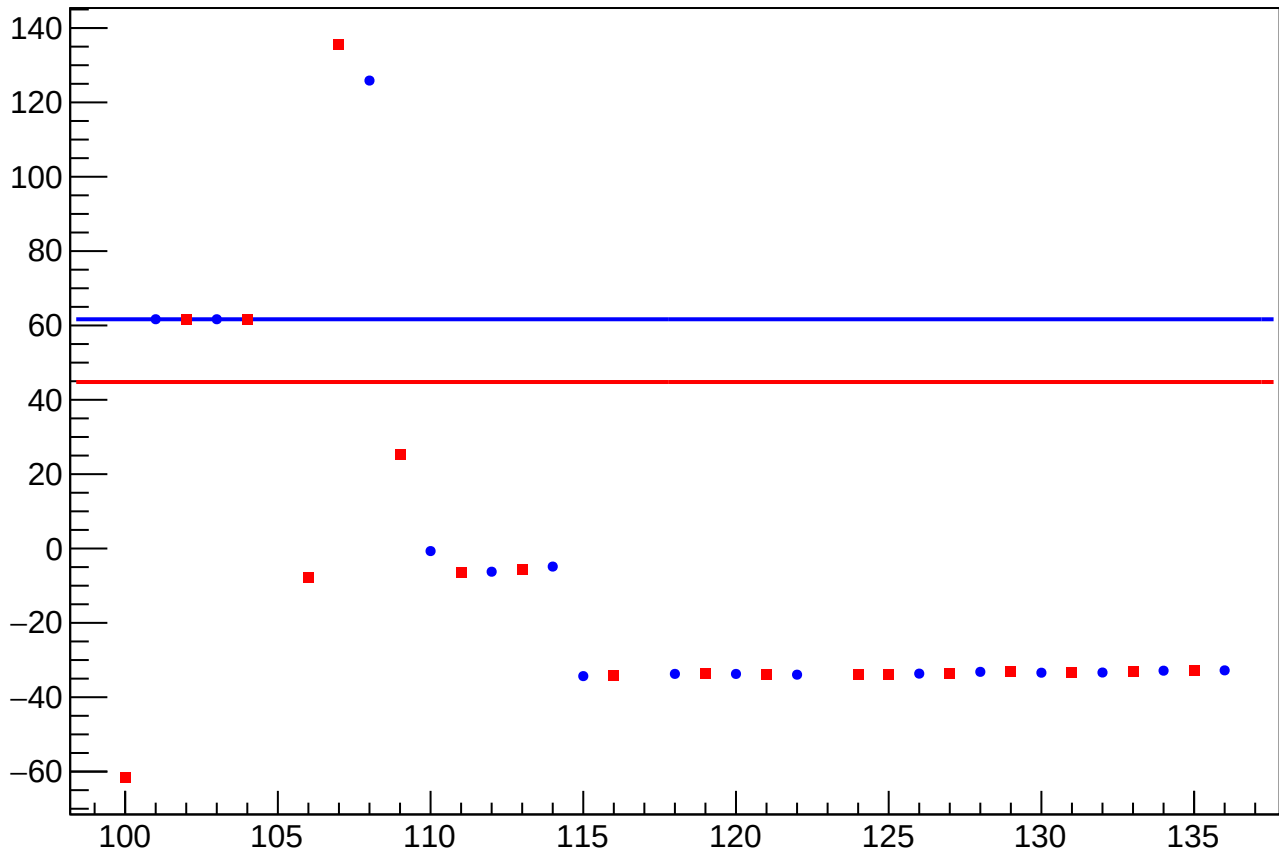
Right: 0.001+/-0.000 χ^2/NDF : 18184620.6/33

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 : 18184620.6/33

yield_cav4dY_mean vs Slug, Sign Corrected



Right In: 61.662+/-0.000 χ^2/NDF : 369463062074.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.786+/-0.000 χ^2/NDF : 366075427898160.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

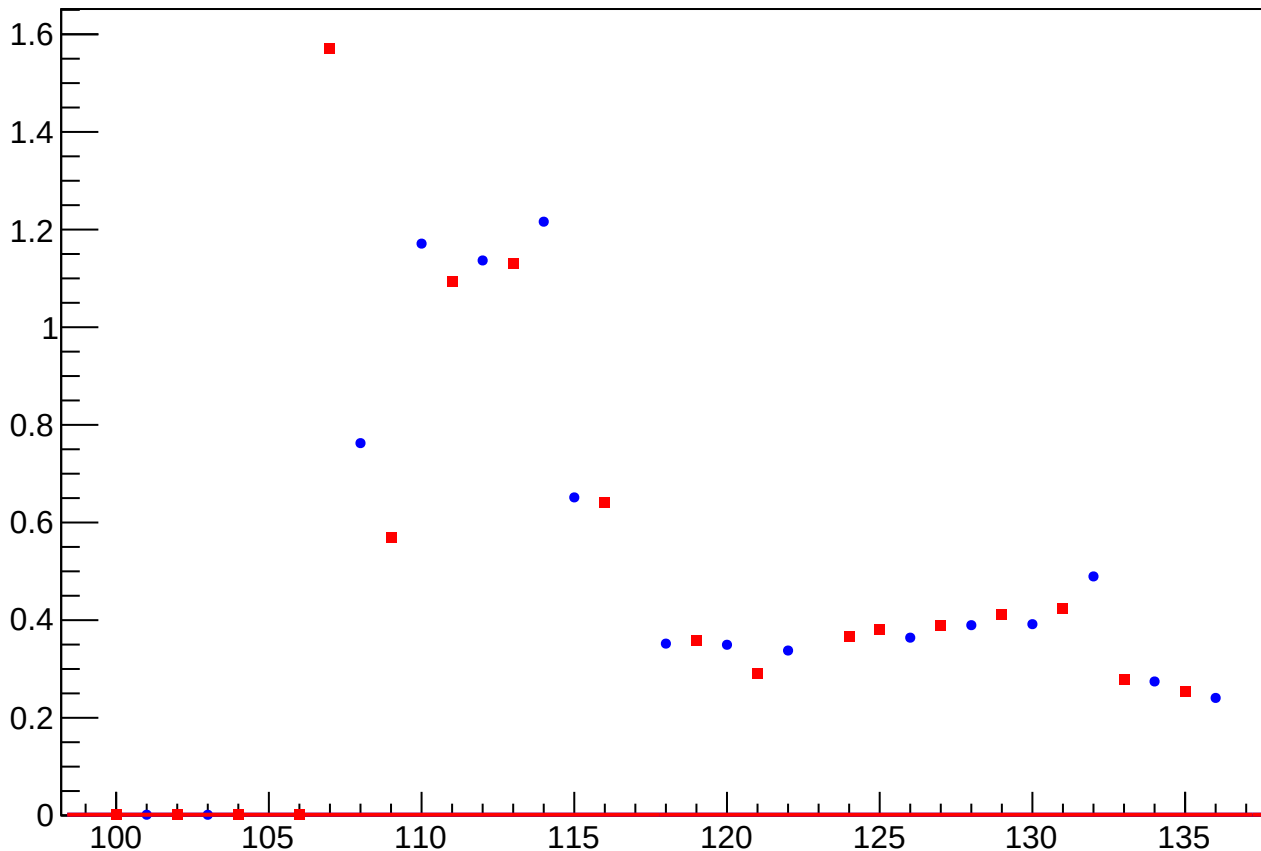
Right: 52.689+/-0.000 χ^2/NDF : 417544598764834.0/17

In: 61.662+/-0.000 χ^2/NDF : 369463062074.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.689+/-0.000 χ^2/NDF : 417544598764834.0/17

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 : 10184072.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

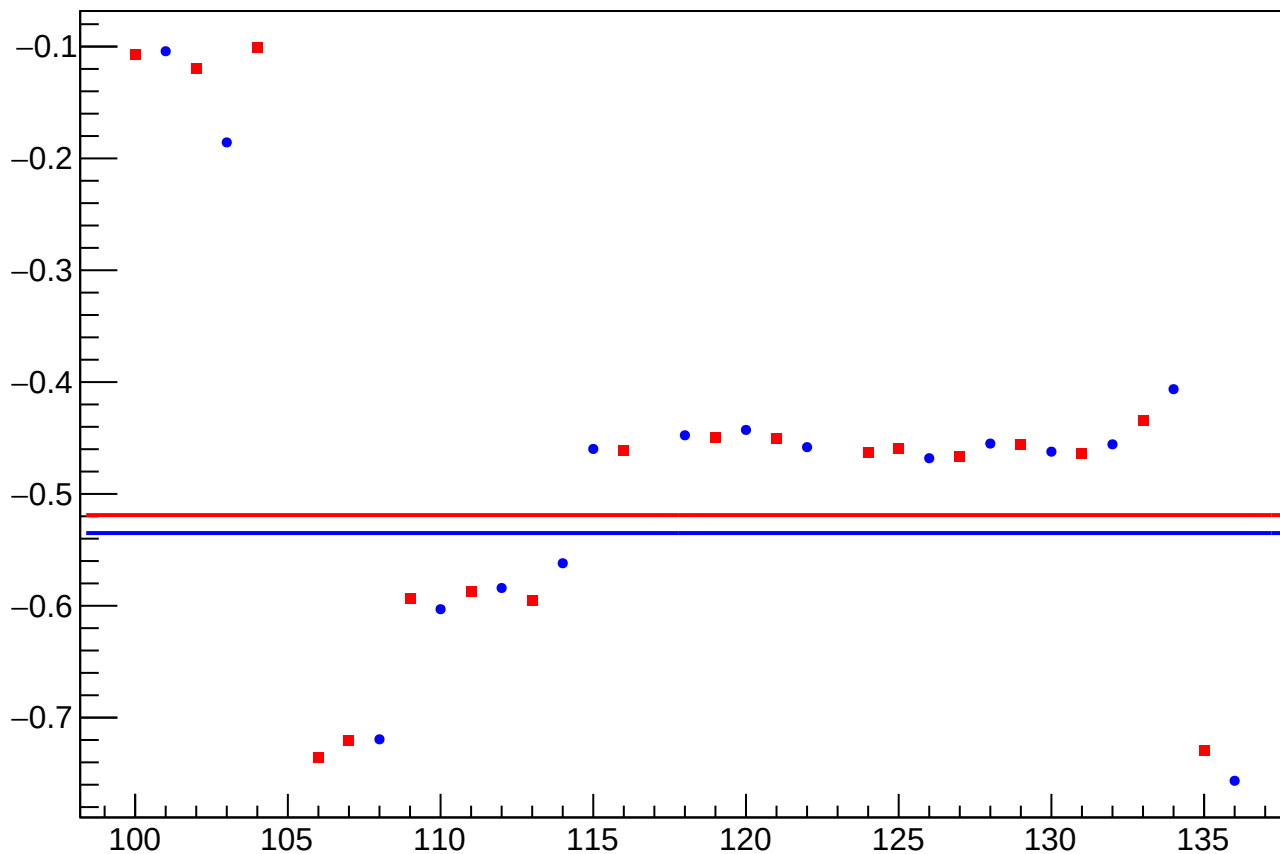
Right: 0.002+/-0.000 χ^2/NDF : 21208739.0/33

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 : 21208739.0/33

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: -0.519+/-0.000 χ^2/NDF : 183455577.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

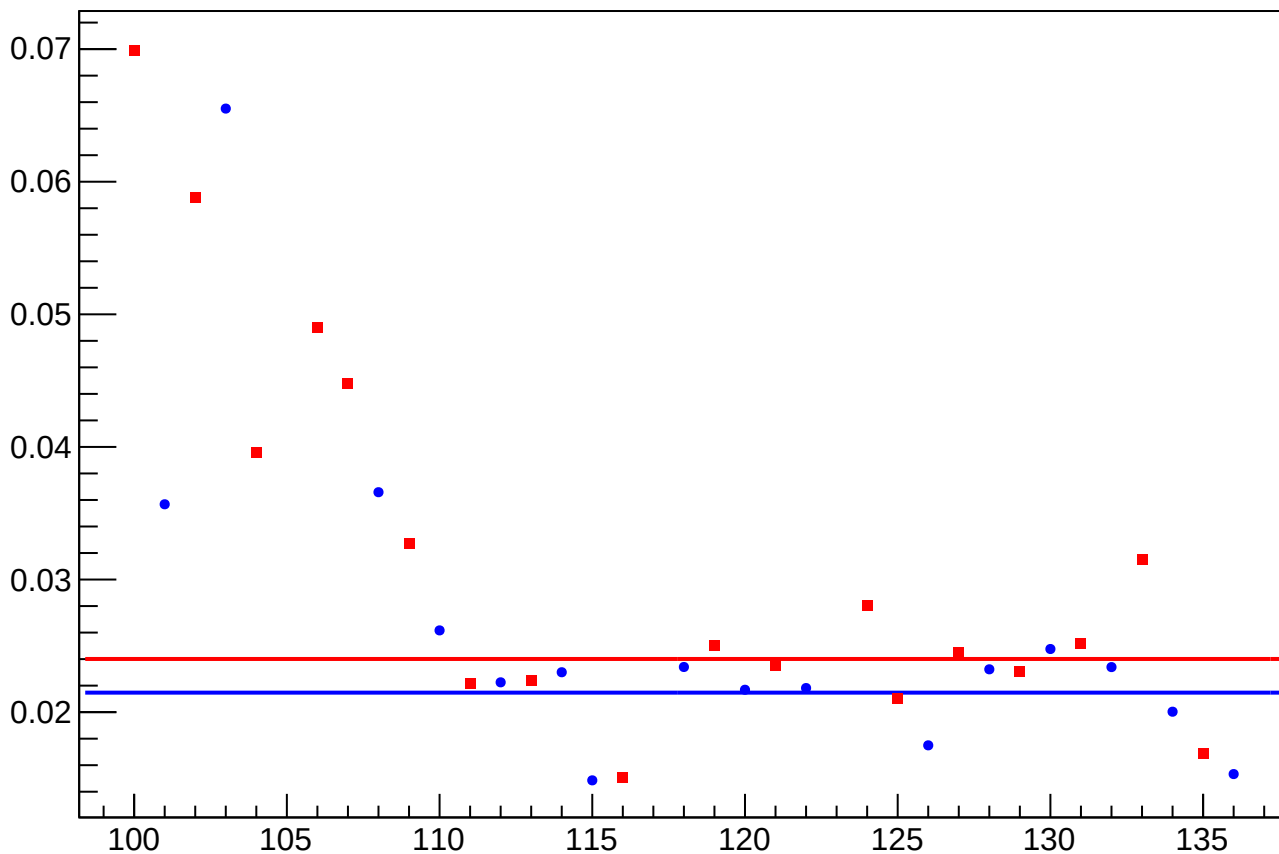
Right: -0.528+/-0.000 χ^2/NDF : 485646625.2/33

In: -0.535+/-0.000 χ^2/NDF :300846309.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.528+/-0.000 χ^2/NDF : 485646625.2/33

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 : 1226709.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

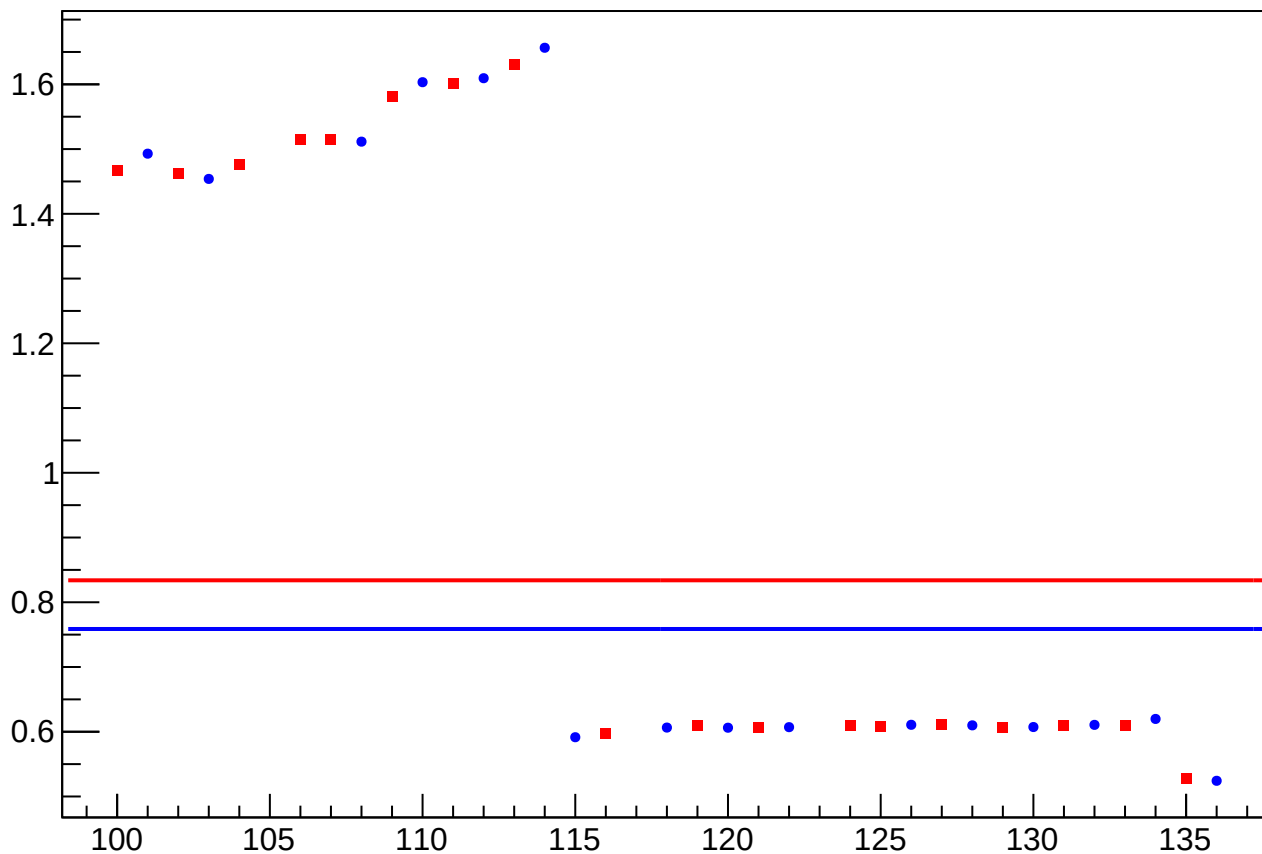
Right: 0.023+/-0.000 χ^2/NDF : 2447863.3/33

In: 0.021+/-0.000 χ^2/NDF :1153987.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.023+/-0.000 χ^2/NDF : 2447863.3/33

yield_bpm4aY_mean vs Slug, Sign Corrected



Right In: 0.759+/-0.000

χ^2/NDF : 4304169889.2/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.794+/-0.000 χ^2/NDF : 8958138013.5/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.759+/-0.000 χ^2/NDF : 4304169889.2/15

Right Out: 0.834+/-0.000 χ^2/NDF : 4571487093.3/17

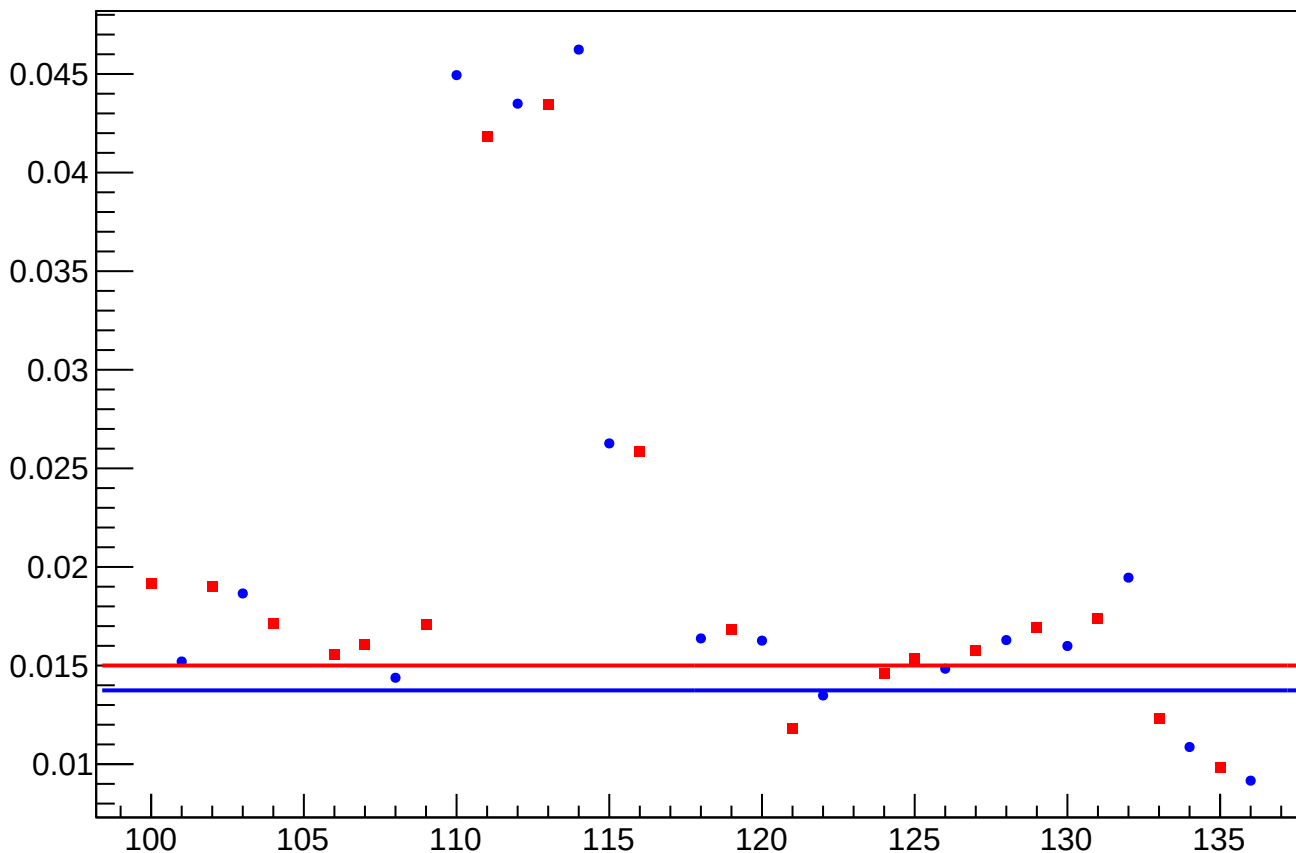
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.794+/-0.000 χ^2/NDF : 8958138013.5/33

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 : 1321534.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

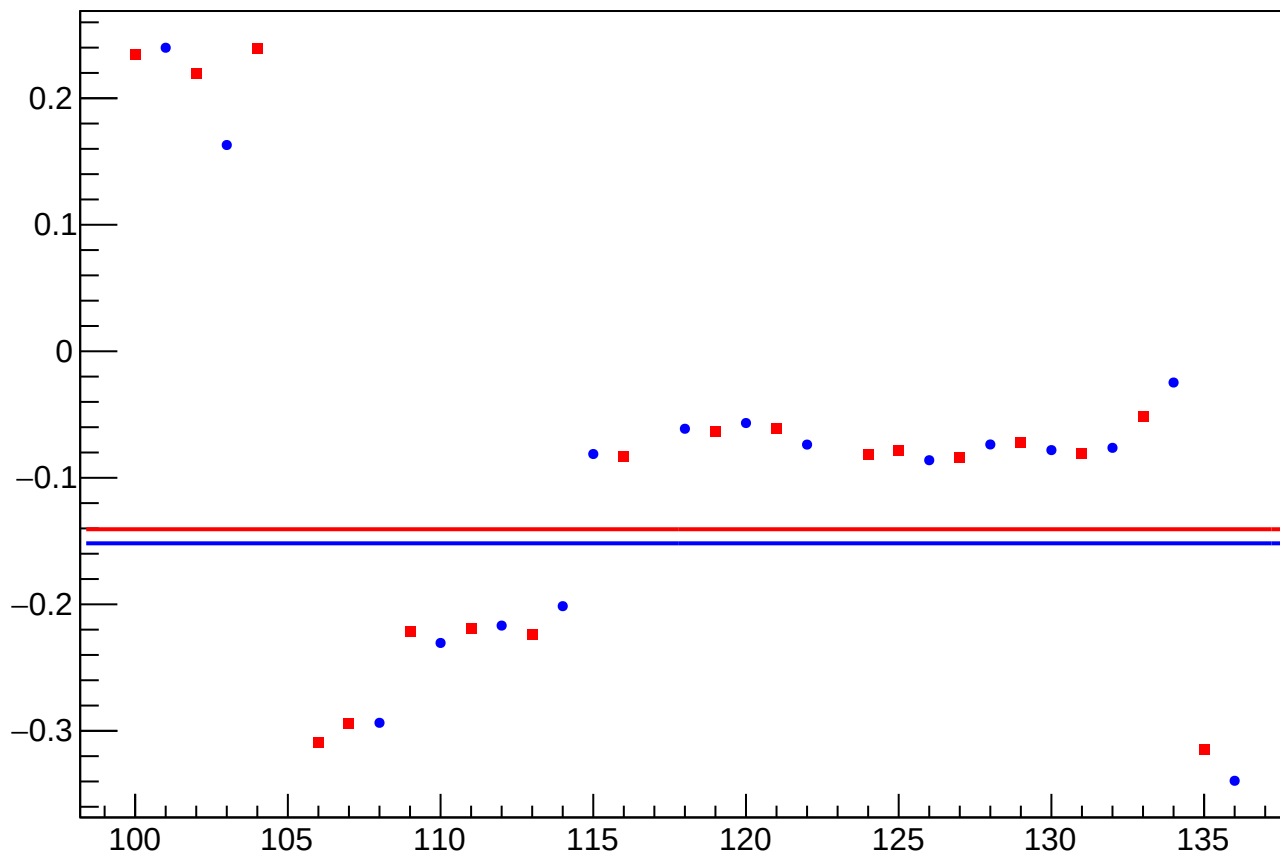
Right: 0.014+/-0.000 χ^2/NDF : 3017729.7/33

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 : 3017729.7/33

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: -0.141+/-0.000 χ^2/NDF : 172931922.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

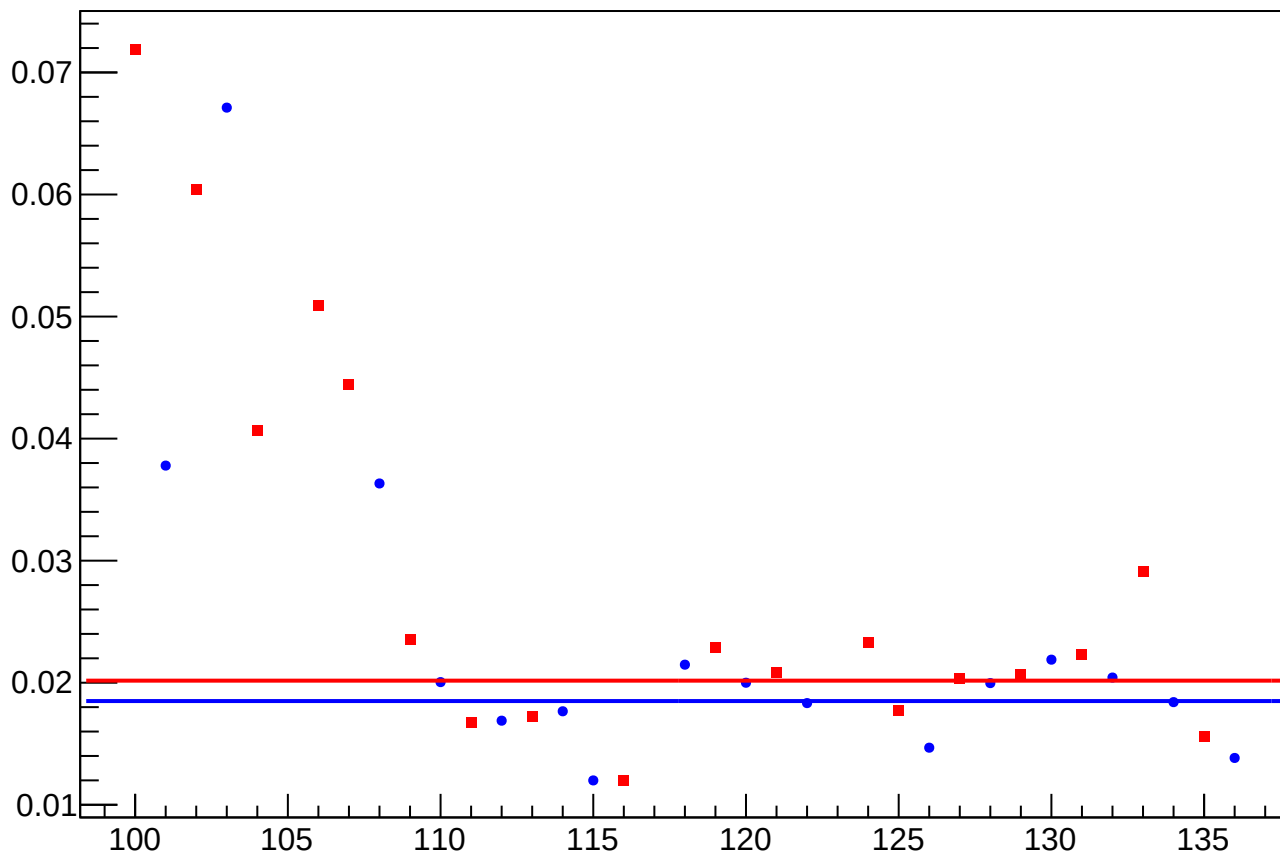
Right: -0.147+/-0.000 χ^2/NDF : 450597771.1/33

In: -0.152+/-0.000 χ^2/NDF :276791709.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.147+/-0.000 χ^2/NDF : 450597771.1/33

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 : 1517684.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

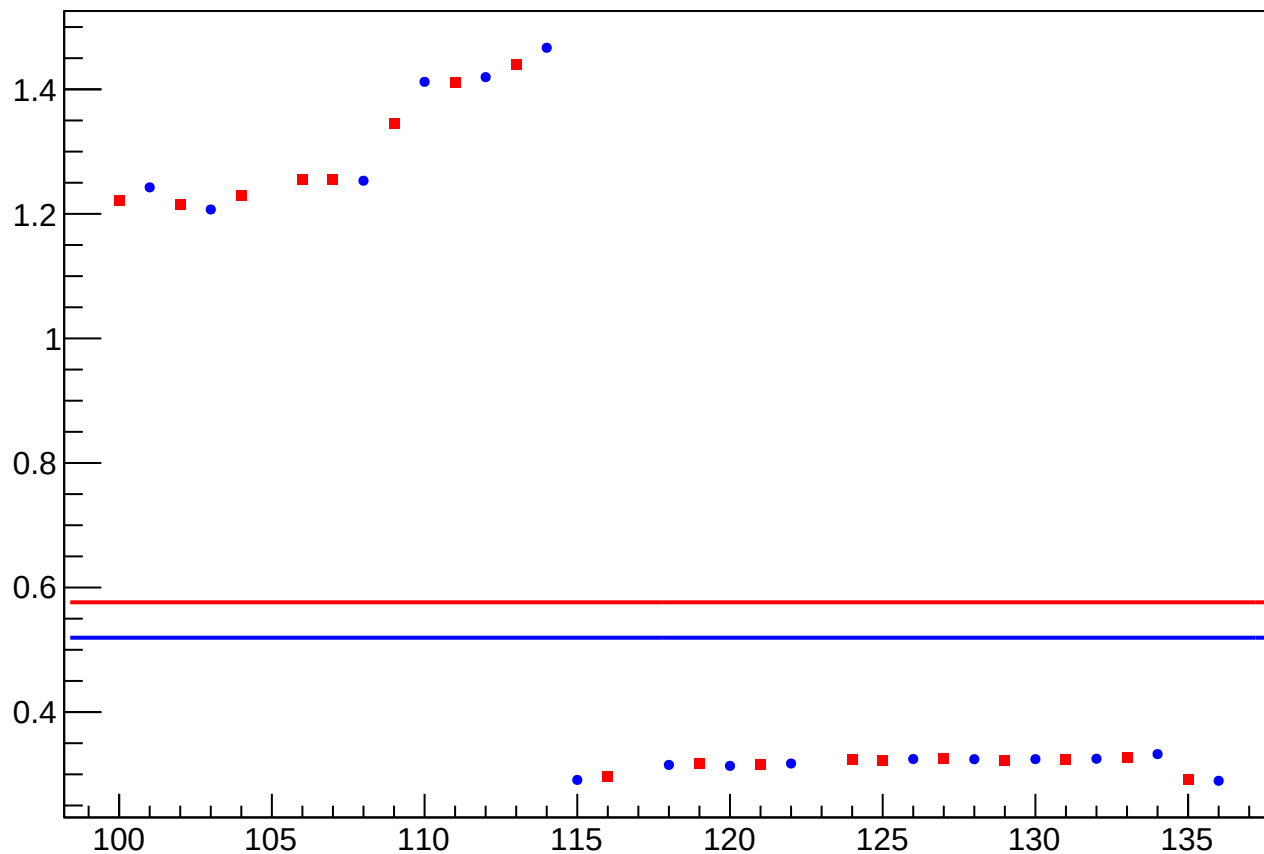
Right: 0.019+/-0.000 χ^2/NDF : 2929496.2/33

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 : 2929496.2/33

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: 0.576+/-0.000 χ^2/NDF : 6547809689.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

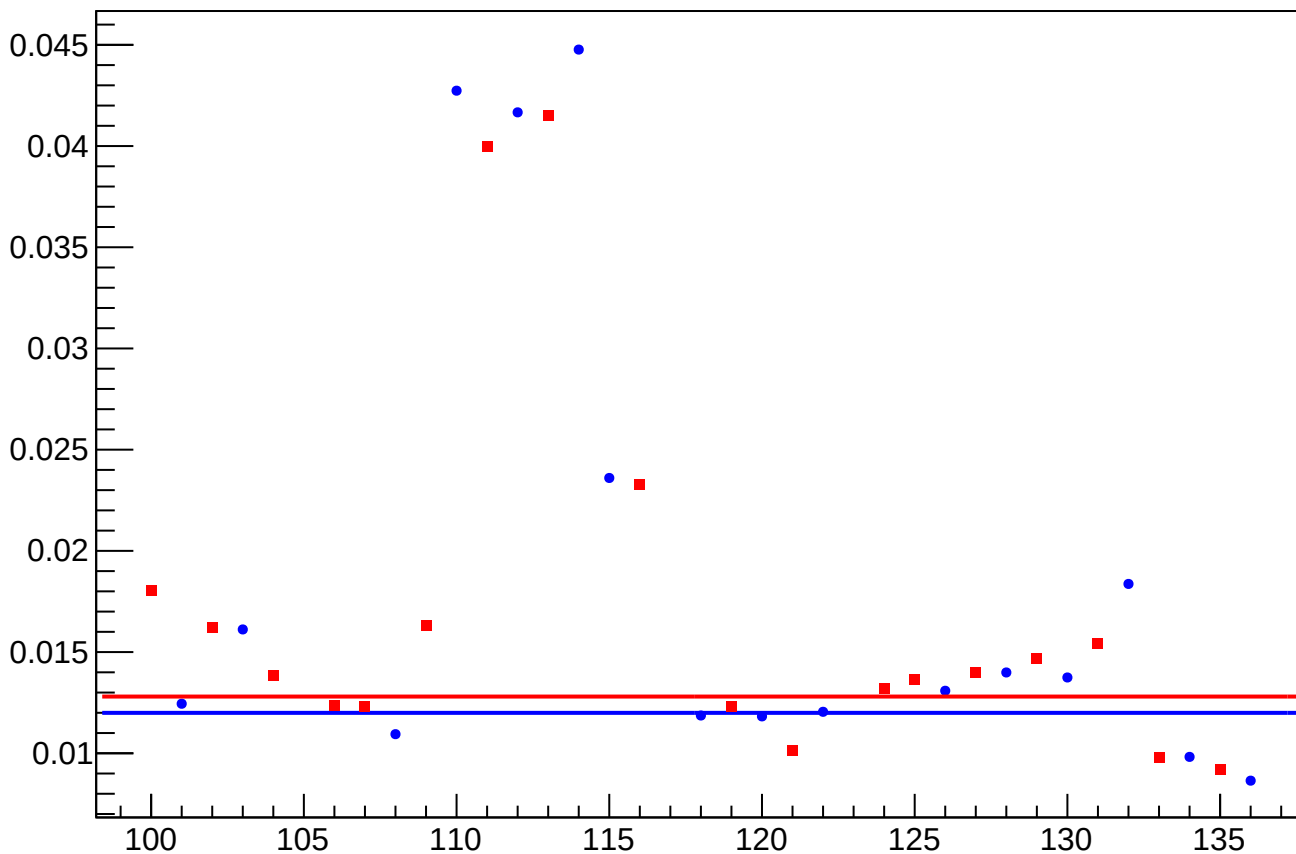
Right: 0.546+/-0.000 χ^2/NDF : 12929576174.9/33

In: 0.519+/-0.000 χ^2/NDF :6319132275.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.546+/-0.000 χ^2/NDF : 12929576174.9/33

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 : 1349255.5/17

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 : 2866006.8/33

In: 0.012+/-0.000

χ^2/NDF : 1491608.2/15

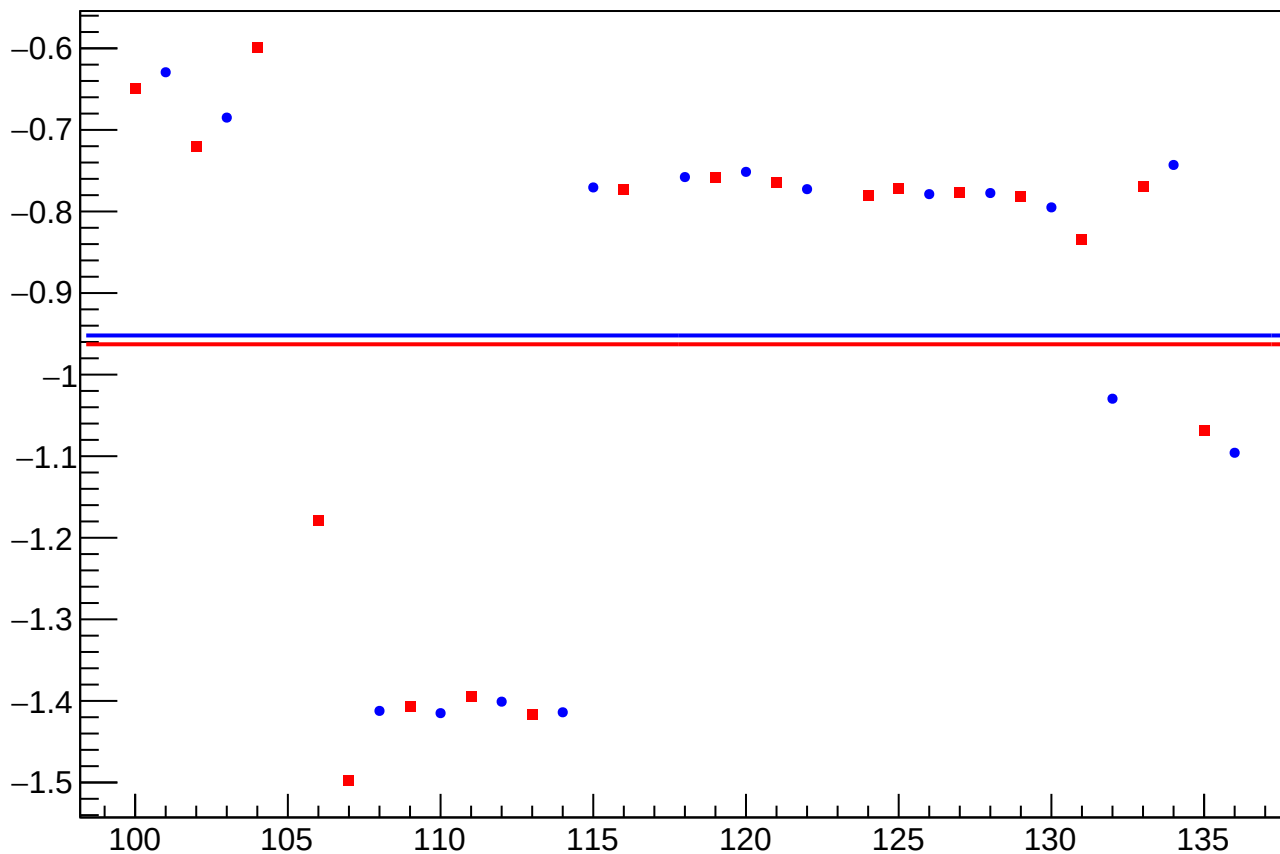
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 2866006.8/33

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: -0.963+/-0.000 χ^2/NDF : 703851989.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

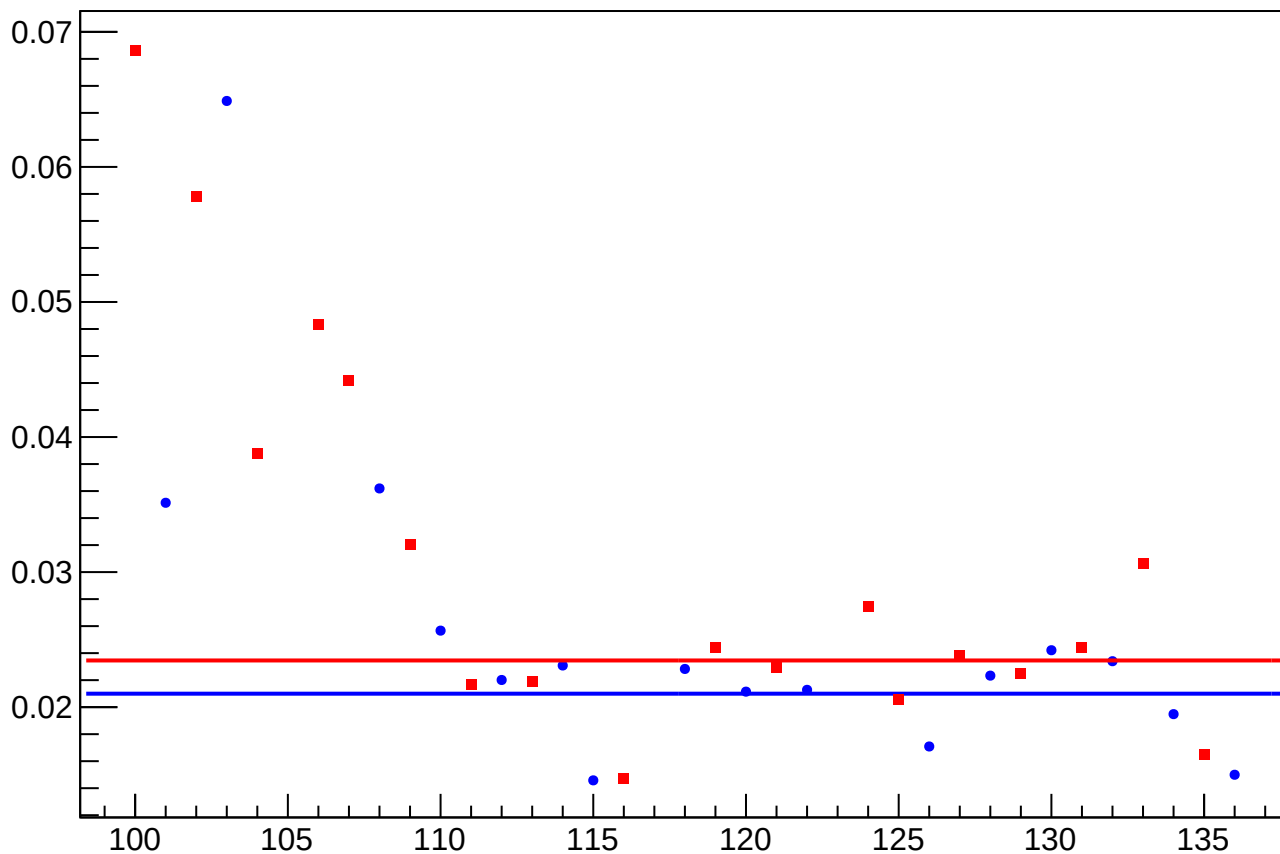
Right: -0.957+/-0.000 χ^2/NDF : 1403957082.3/33

In: -0.952+/-0.000 χ^2/NDF :699468857.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.957+/-0.000 χ^2/NDF : 1403957082.3/33

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 : 1230273.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

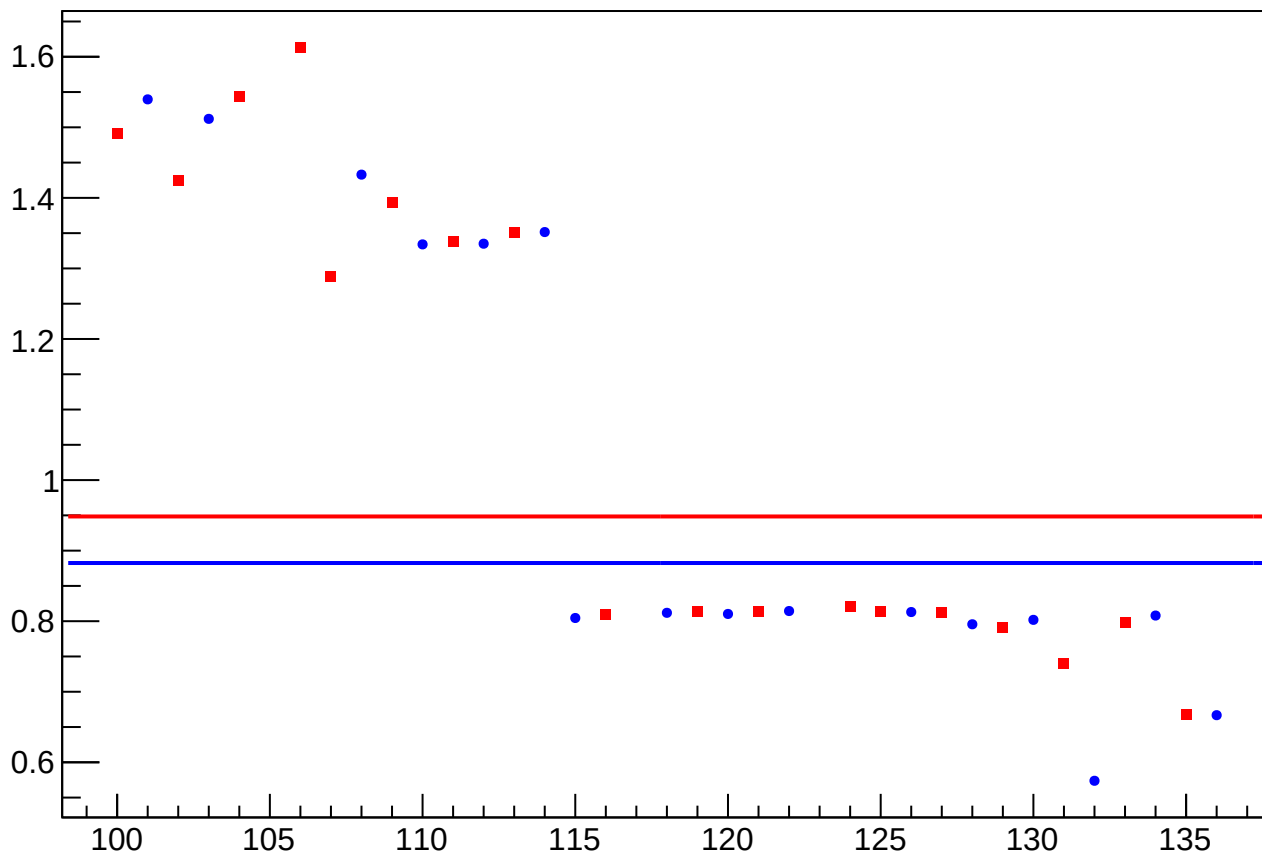
Right: 0.022+/-0.000 χ^2/NDF : 2463090.7/33

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 : 2463090.7/33

yield_bpm4acY_mean vs Slug, Sign Corrected



Right In: 0.882+/-0.000

χ^2/NDF : 2784156746.4/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.913+/-0.000

χ^2/NDF : 5450756435.1/33

Right Out: 0.948+/-0.000

χ^2/NDF : 2604475225.4/17

In: 0.882+/-0.000

χ^2/NDF : 2784156746.4/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

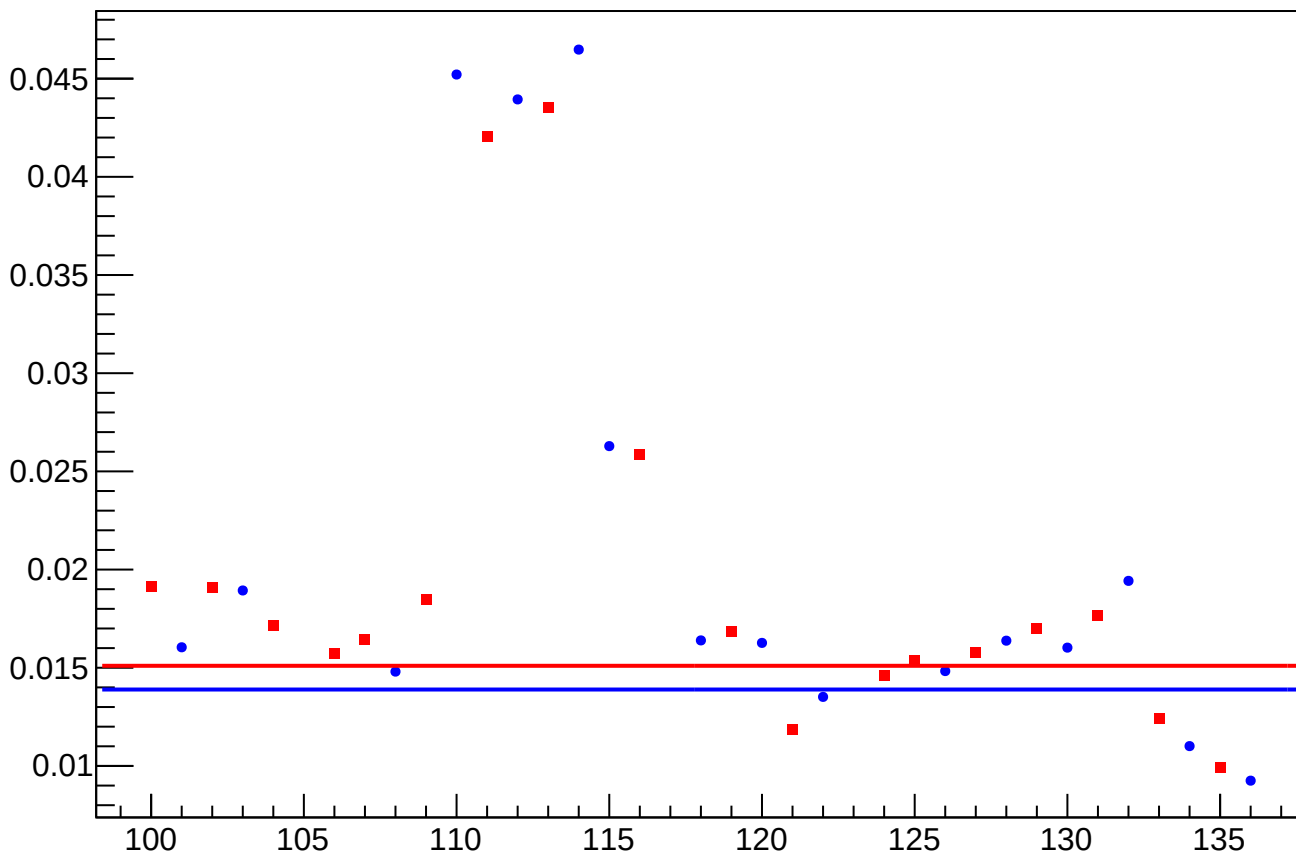
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.913+/-0.000

χ^2/NDF : 5450756435.1/33

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 : 1332932.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

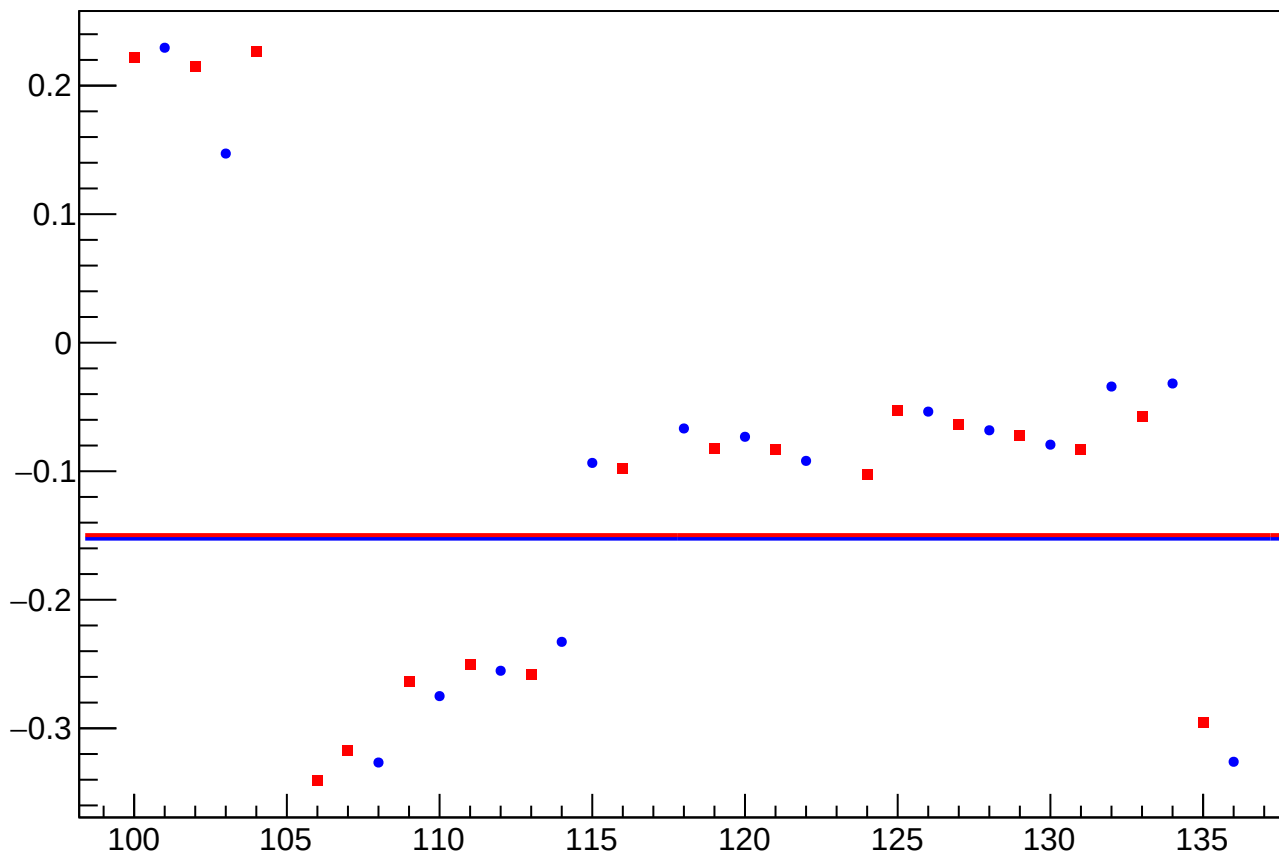
Right: 0.014+/-0.000 χ^2/NDF : 3021285.7/33

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 : 3021285.7/33

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: -0.150+/-0.000 χ^2/NDF : 175212081.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

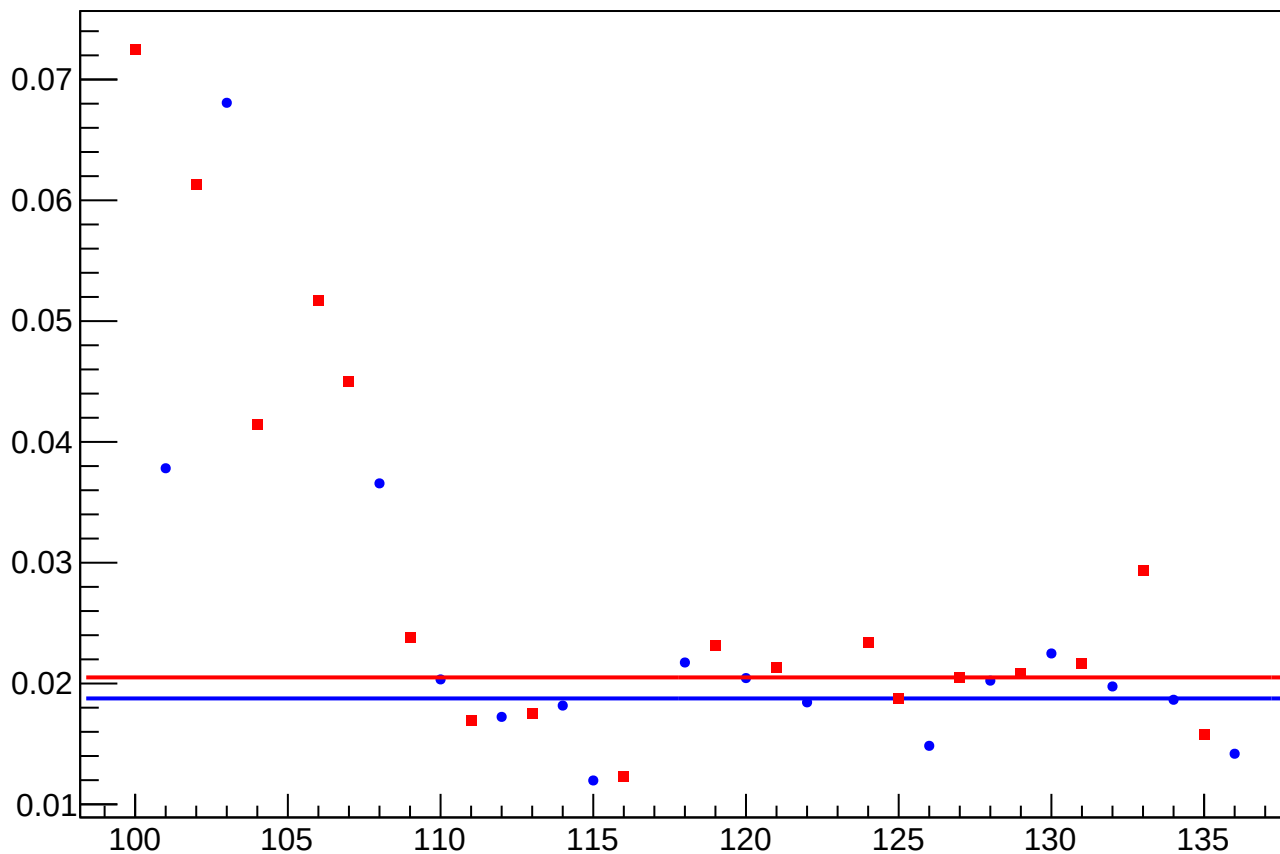
Right: -0.151+/-0.000 χ^2/NDF : 449524853.0/33

In: -0.152+/-0.000 χ^2/NDF :274261842.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.151+/-0.000 χ^2/NDF : 449524853.0/33

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: 0.021+/-0.000 χ^2/NDF : 1498615.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

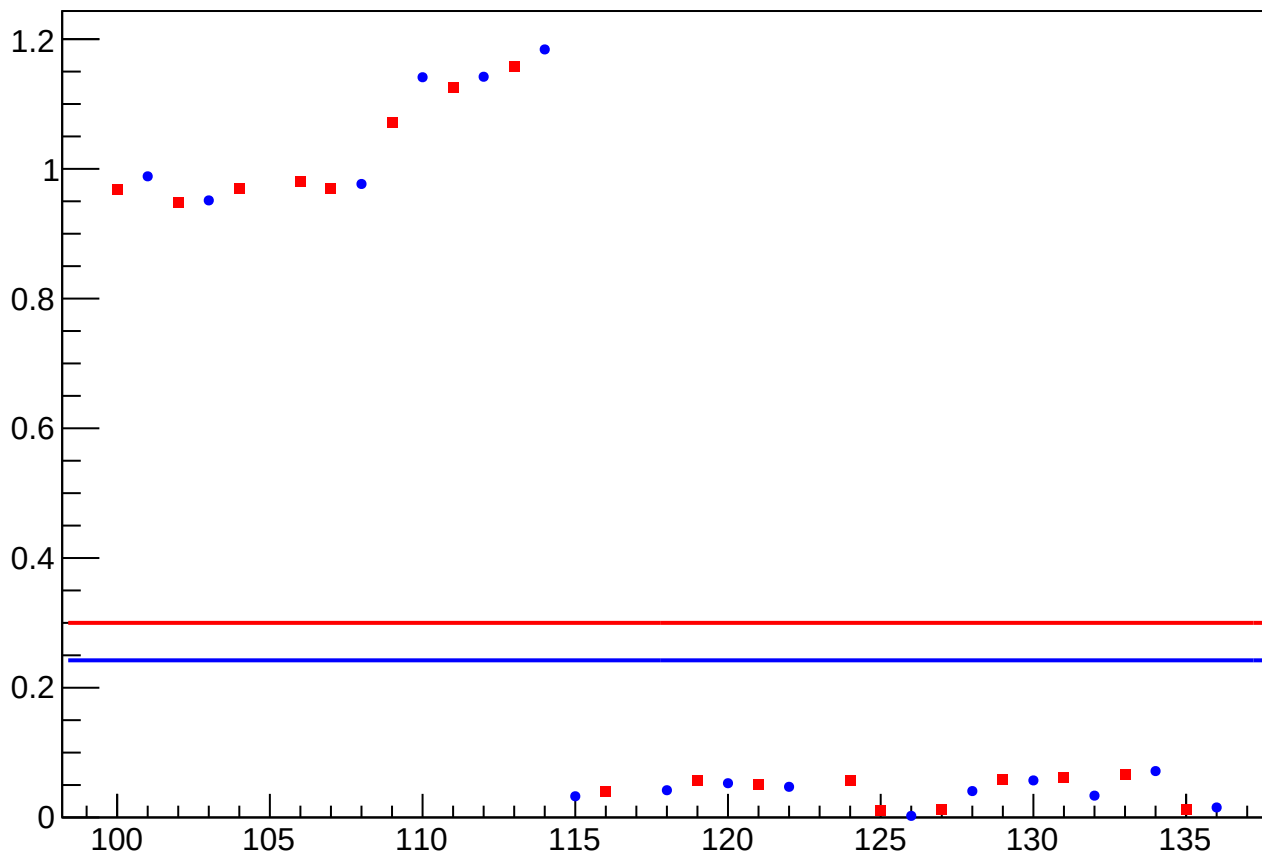
Right: 0.020+/-0.000 χ^2/NDF : 2889517.9/33

In: 0.019+/-0.000 χ^2/NDF : 1349412.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2889517.9/33

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: 0.300+/-0.000

χ^2/NDF : 6554488873.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.269+/-0.000

χ^2/NDF : 13127224845.5/33

In: 0.242+/-0.000

χ^2/NDF : 6507444426.7/15

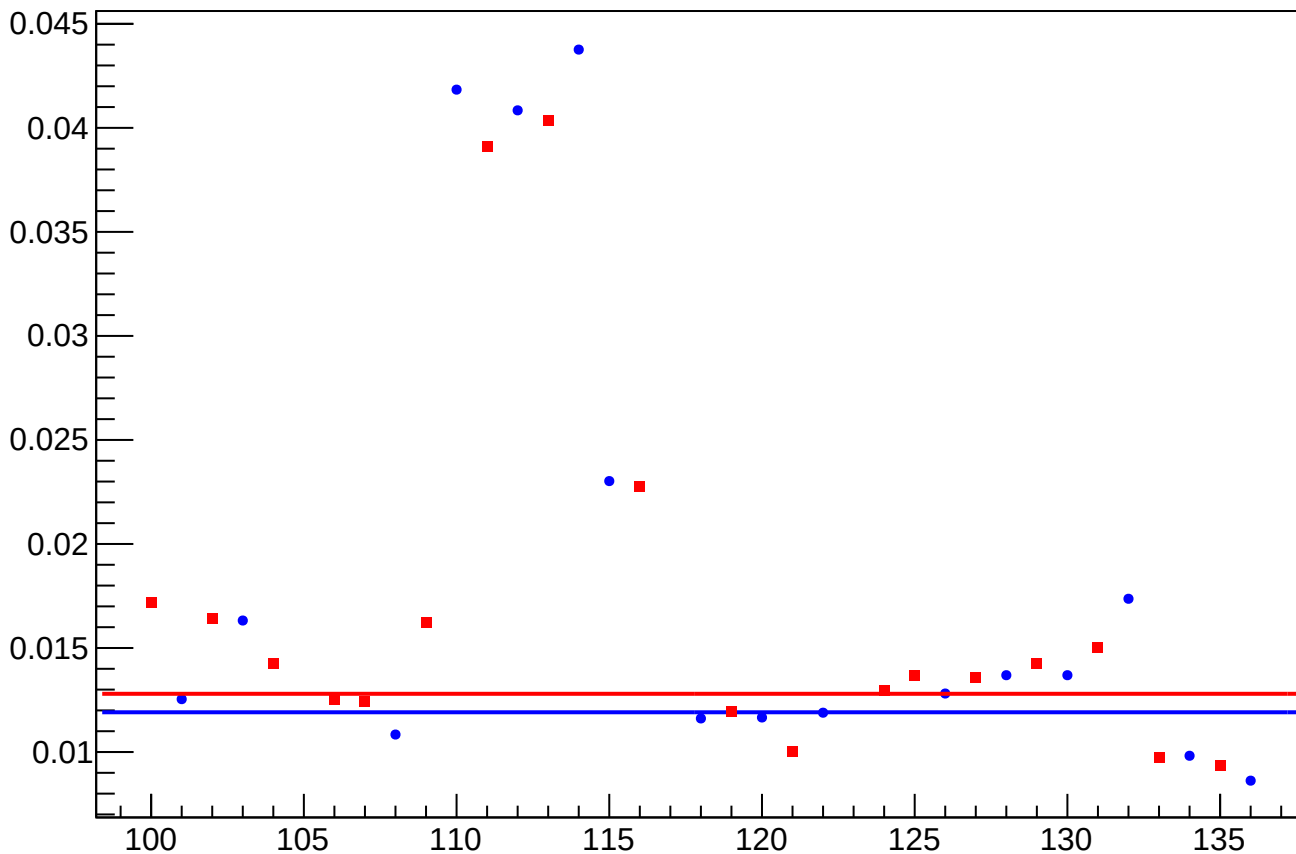
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.269+/-0.000

χ^2/NDF : 13127224845.5/33

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 : 1302796.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

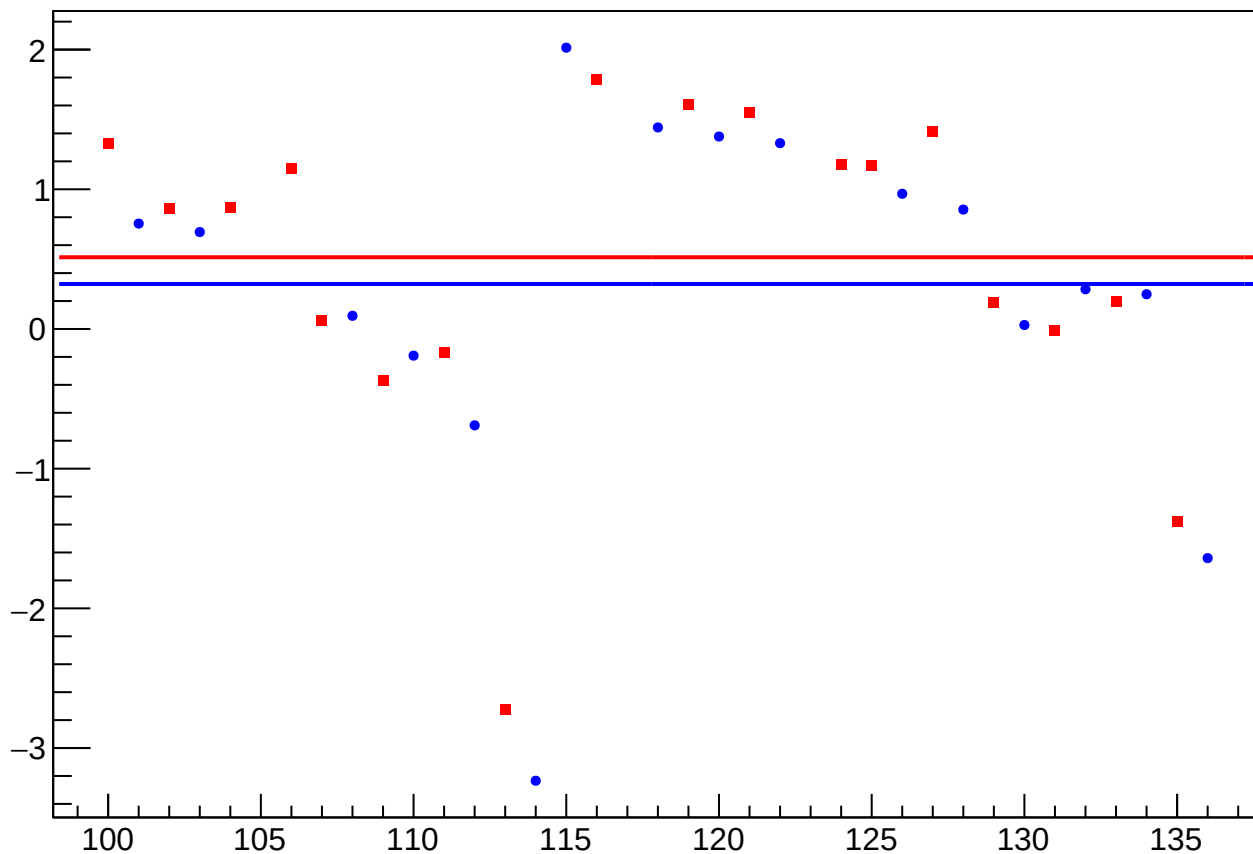
Right: 0.012+/-0.000 χ^2/NDF : 2793105.4/33

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 : 2793105.4/33

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: 0.513+/-0.000 χ^2/NDF : 1573847529.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

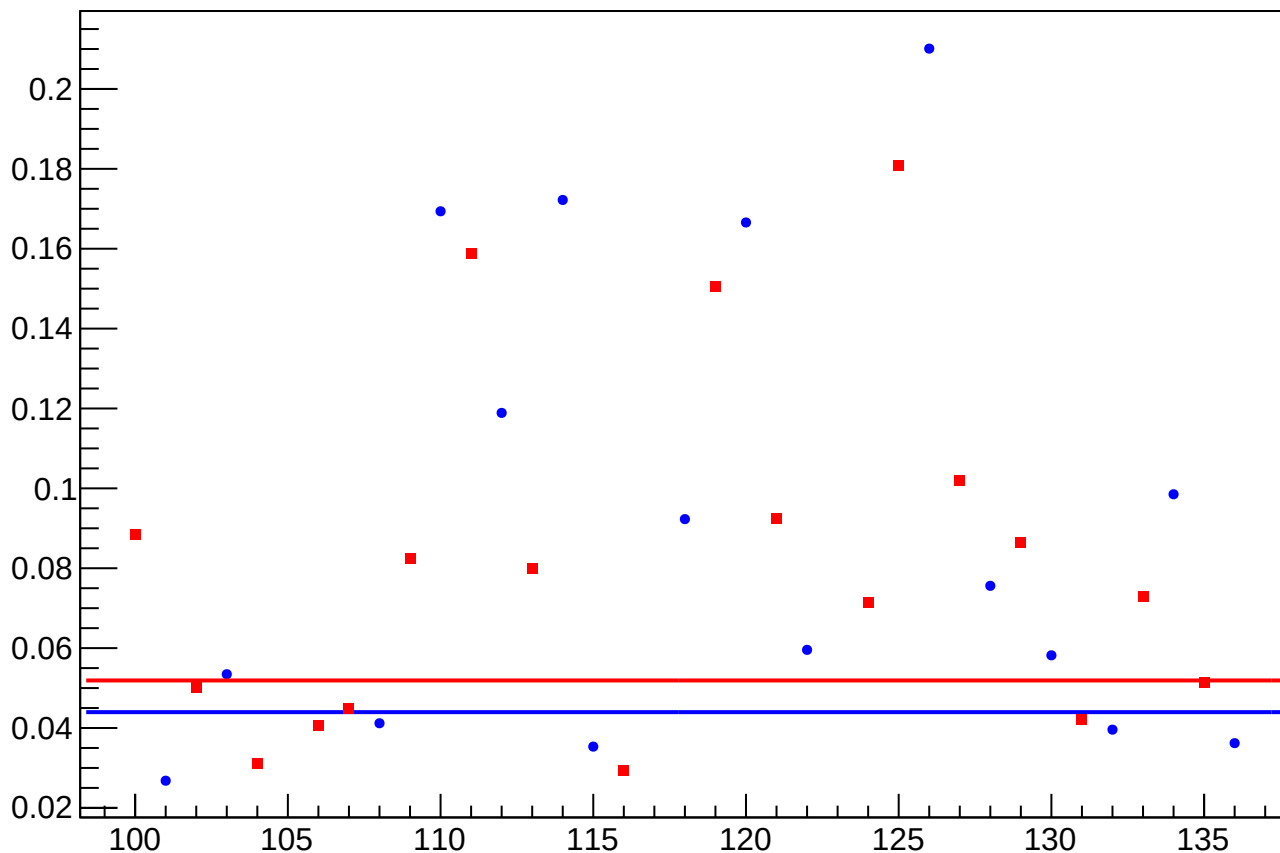
Right: 0.407+/-0.000 χ^2/NDF : 3271141474.3/33

In: 0.322+/-0.000 χ^2/NDF :1664983742.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.407+/-0.000 χ^2/NDF : 3271141474.3/33

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 : 2353839.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

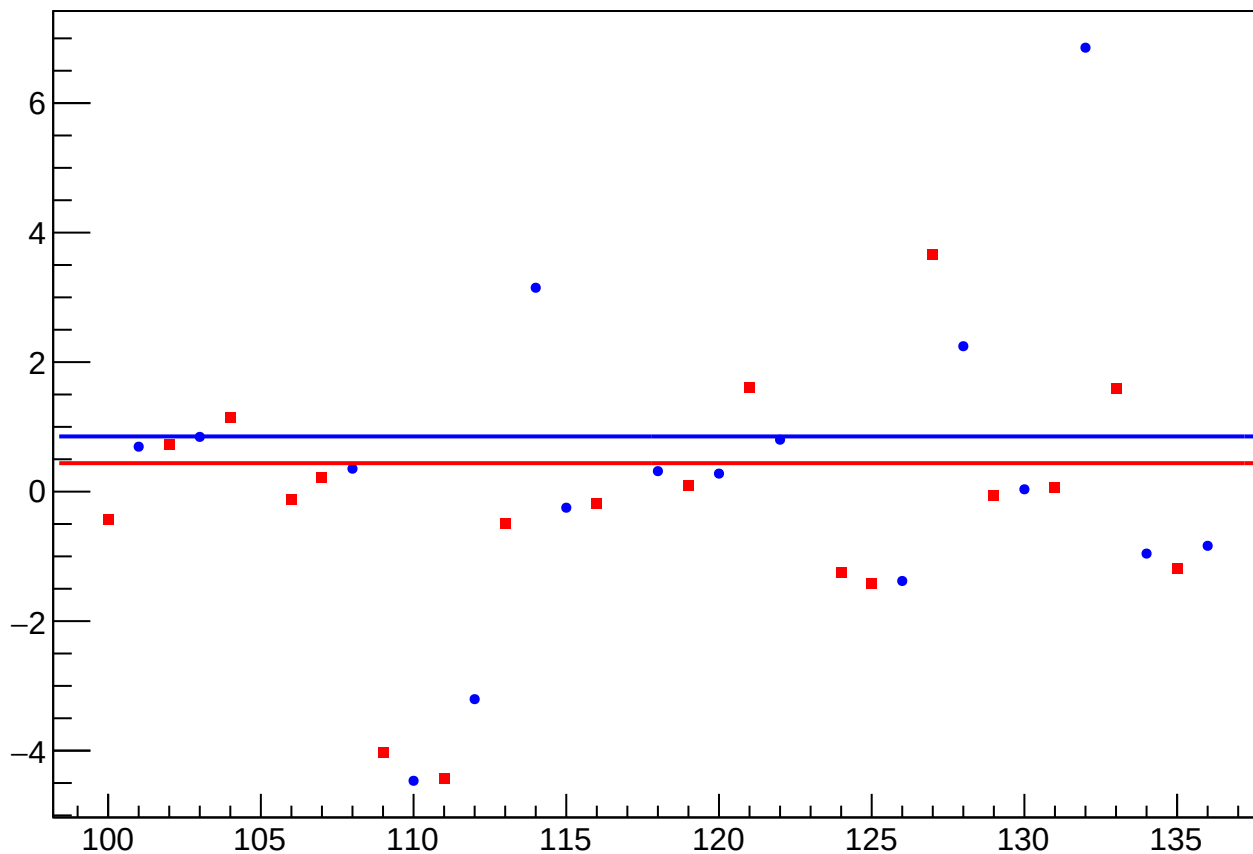
Right: 0.047+/-0.000 χ^2/NDF : 5252172.5/33

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 : 5252172.5/33

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: 0.440+/-0.000

χ^2/NDF : 4987736860.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.657+/-0.000

χ^2/NDF : 16908112131.1/33

In: 0.852+/-0.000

χ^2/NDF : 11576037687.7/15

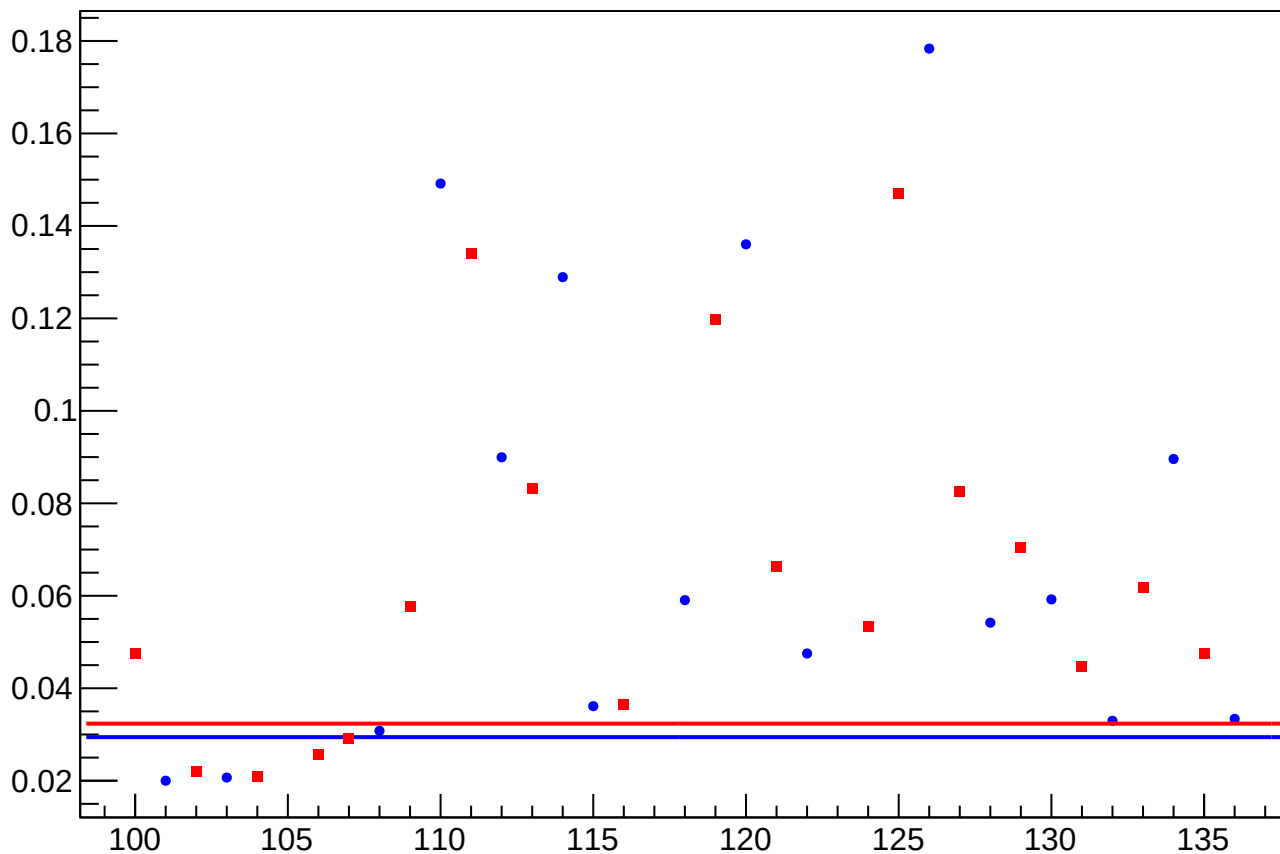
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.657+/-0.000

χ^2/NDF : 16908112131.1/33

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: 0.032+/-0.000 χ^2/NDF : 3302306.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

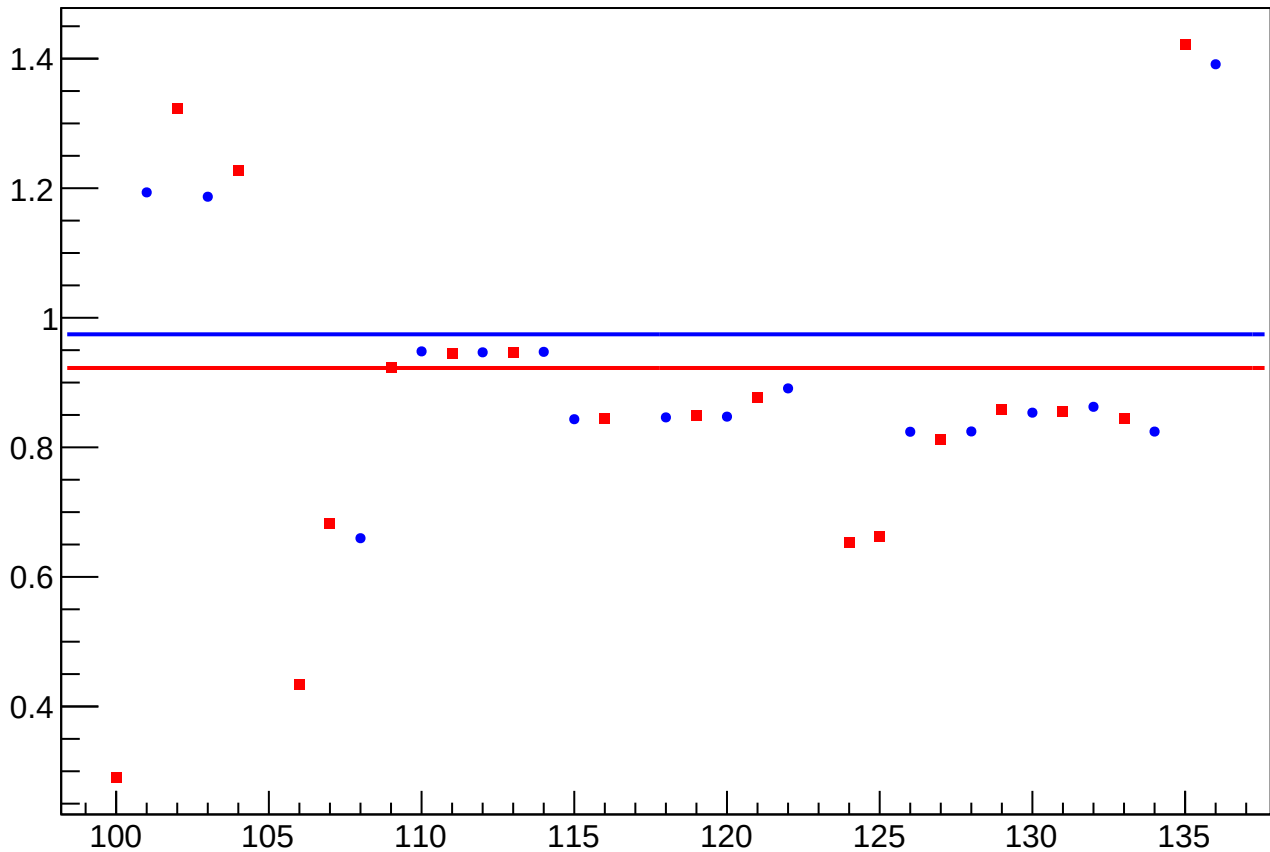
Right: 0.031+/-0.000 χ^2/NDF : 6529206.6/33

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 : 6529206.6/33

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: 0.922+/-0.000 χ^2/NDF : 1389191992.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

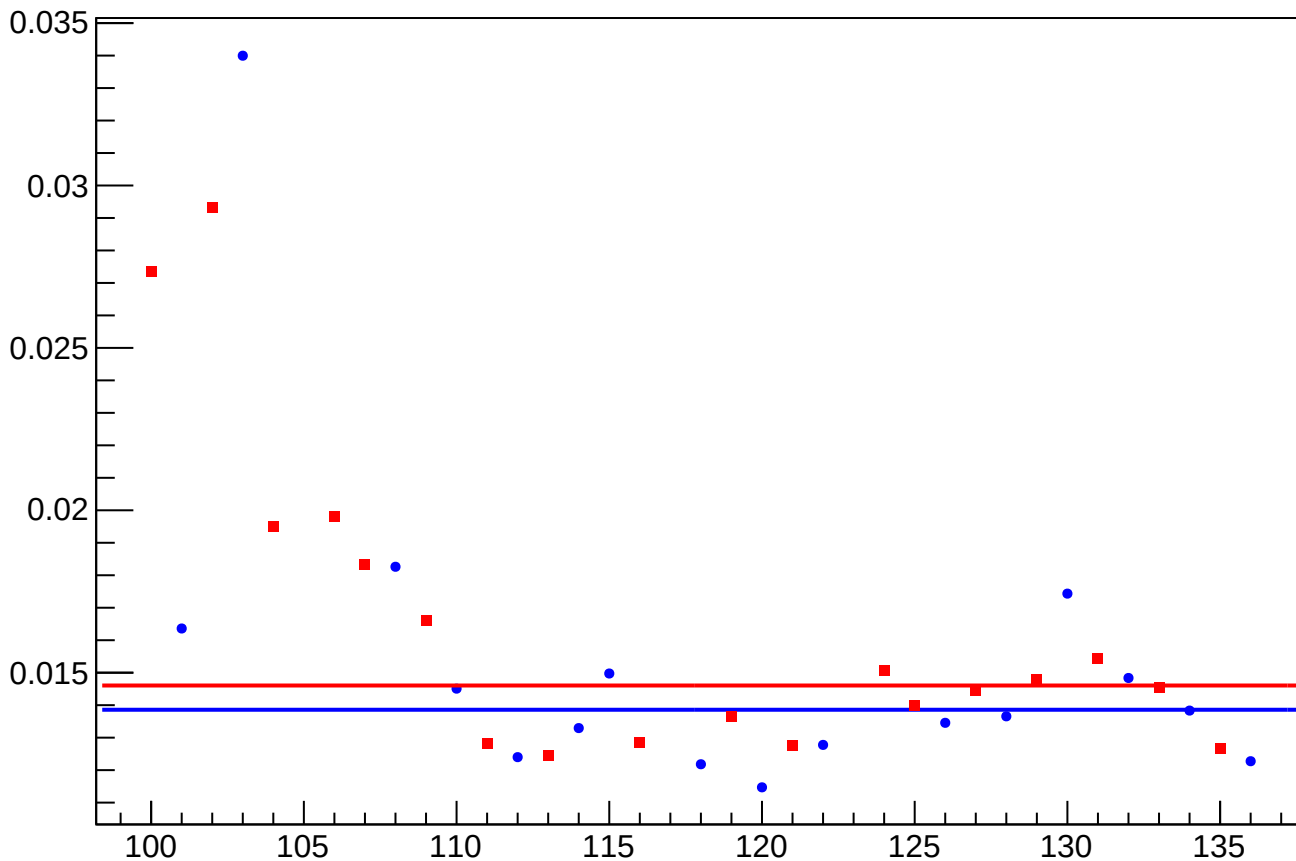
Right: 0.950+/-0.000 χ^2/NDF : 2889391131.2/33

In: 0.974+/-0.000 χ^2/NDF : 1458735246.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.950+/-0.000 χ^2/NDF : 2889391131.2/33

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: 0.015+/-0.000 χ^2/NDF : 527570.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

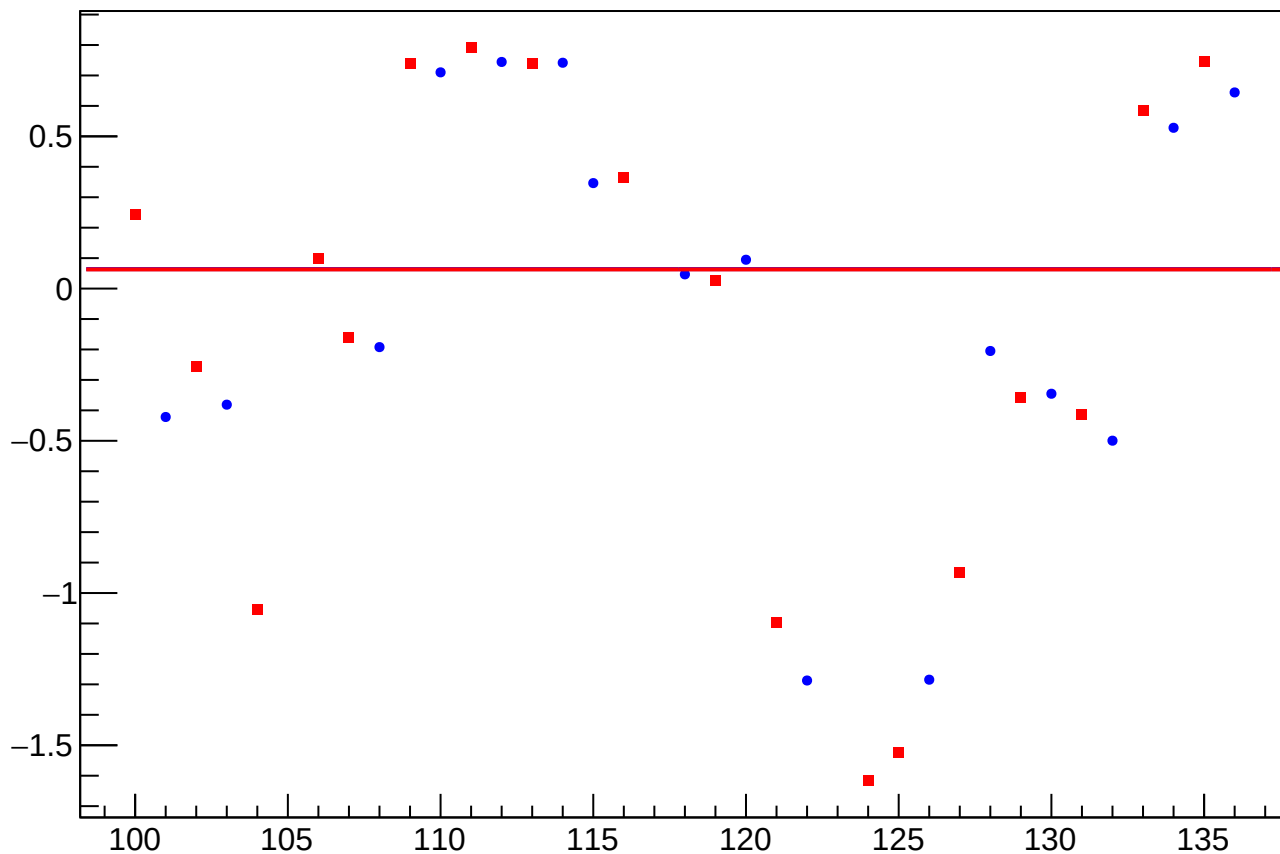
Right: 0.014+/-0.000 χ^2/NDF : 1144651.2/33

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 : 1144651.2/33

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: 0.063+/-0.000

χ^2/NDF : 17260139941.4/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.063+/-0.000

χ^2/NDF : 28296063348.7/33

In: 0.064+/-0.000

χ^2/NDF : 11035911379.4/15

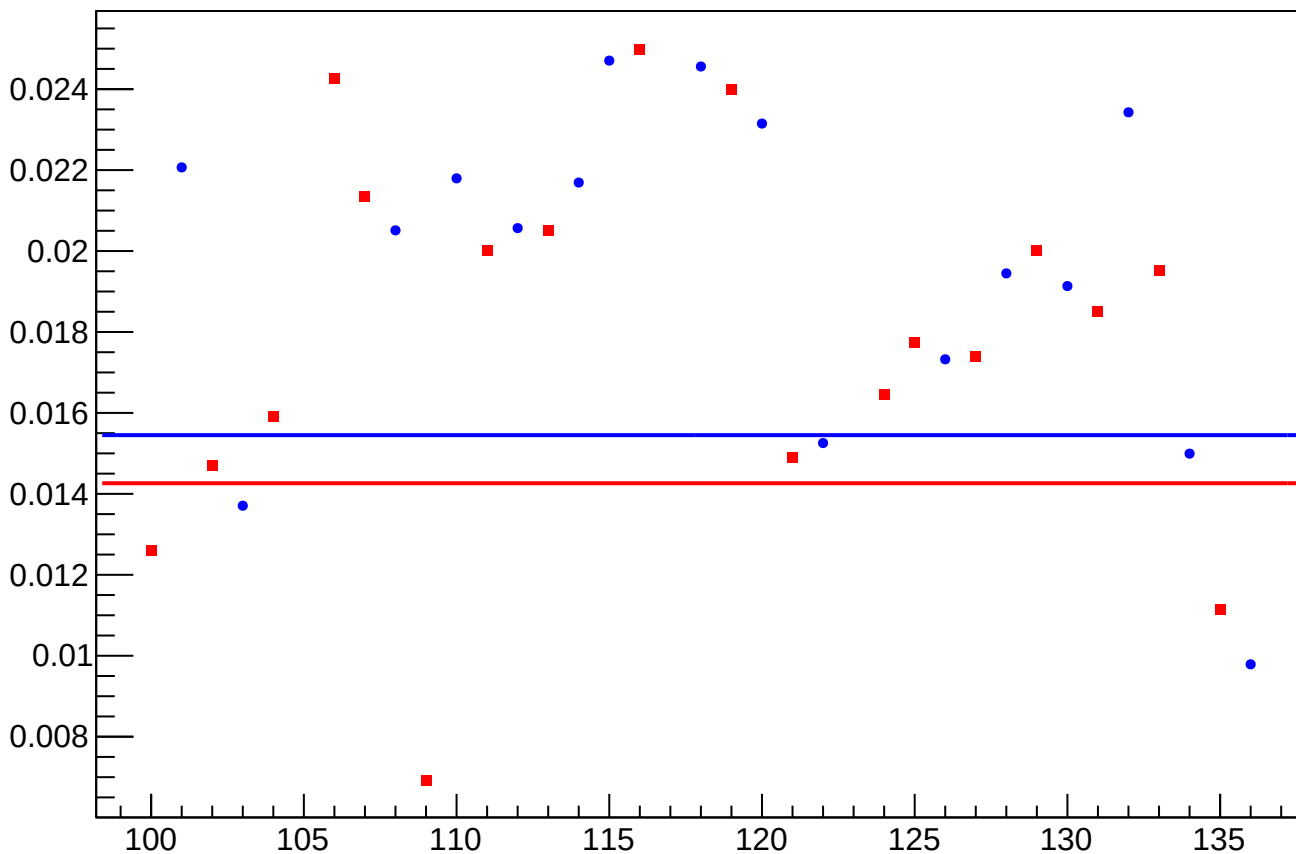
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.063+/-0.000

χ^2/NDF : 28296063348.7/33

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 : 1637353.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 2968542.9/33

In: 0.015+/-0.000

χ^2/NDF : 1293711.1/15

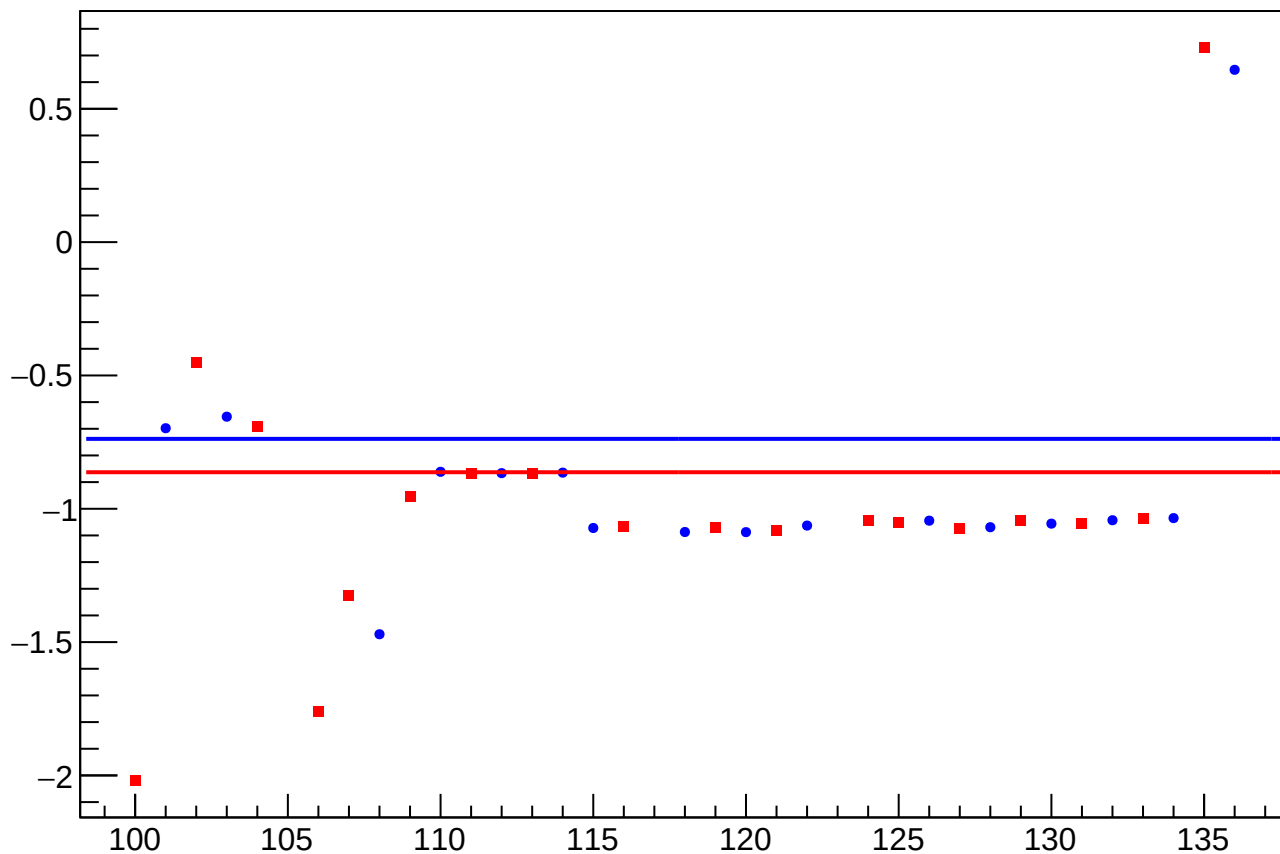
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

χ^2/NDF : 2968542.9/33

yield_bpm12X_mean vs Slug, Sign Corrected



Right In: -0.738+/-0.000 χ^2/NDF : 2072845802.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.863+/-0.000 χ^2/NDF : 1409514194.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

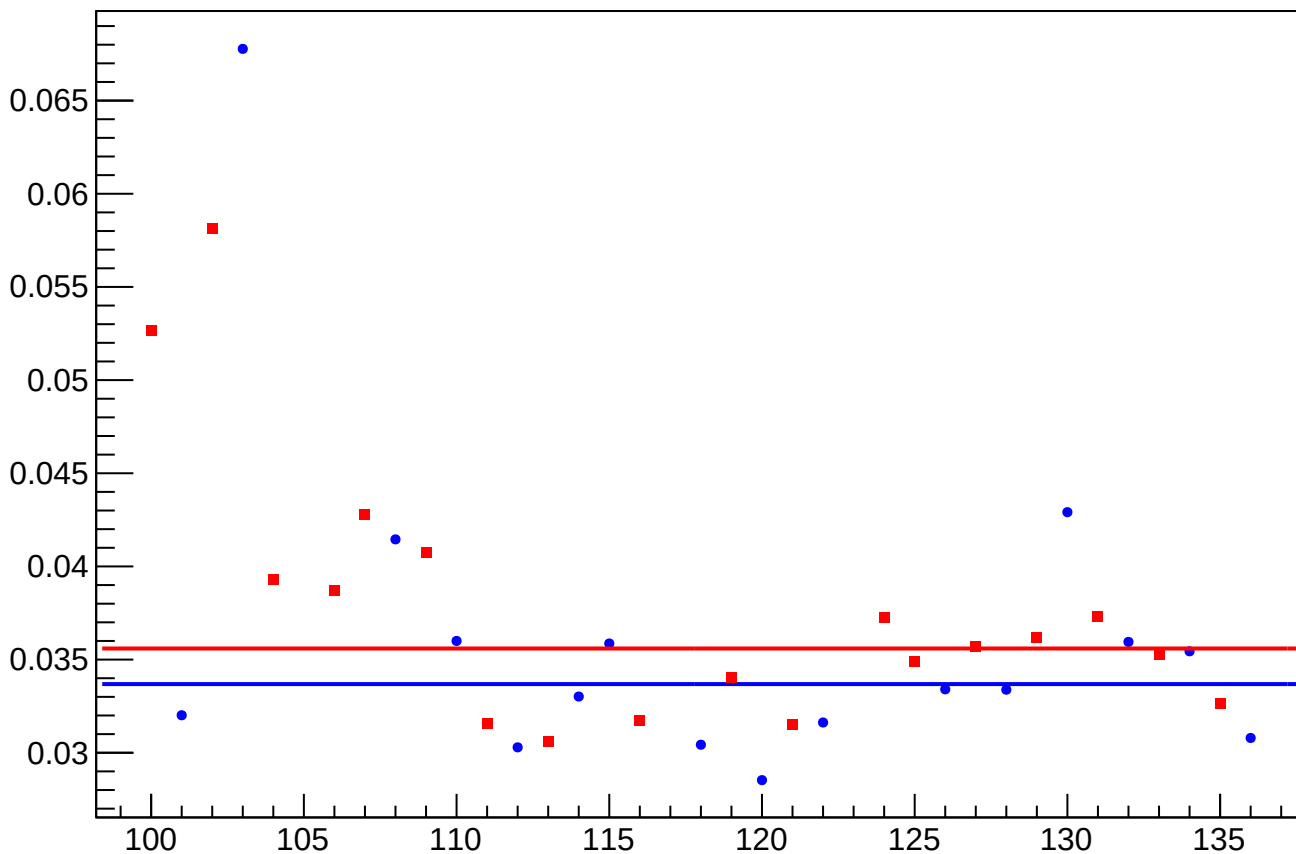
Right: -0.797+/-0.000 χ^2/NDF : 3523390572.6/33

In: -0.738+/-0.000 χ^2/NDF :2072845802.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.797+/-0.000 χ^2/NDF : 3523390572.6/33

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: 0.036+/-0.000 χ^2/NDF : 283469.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

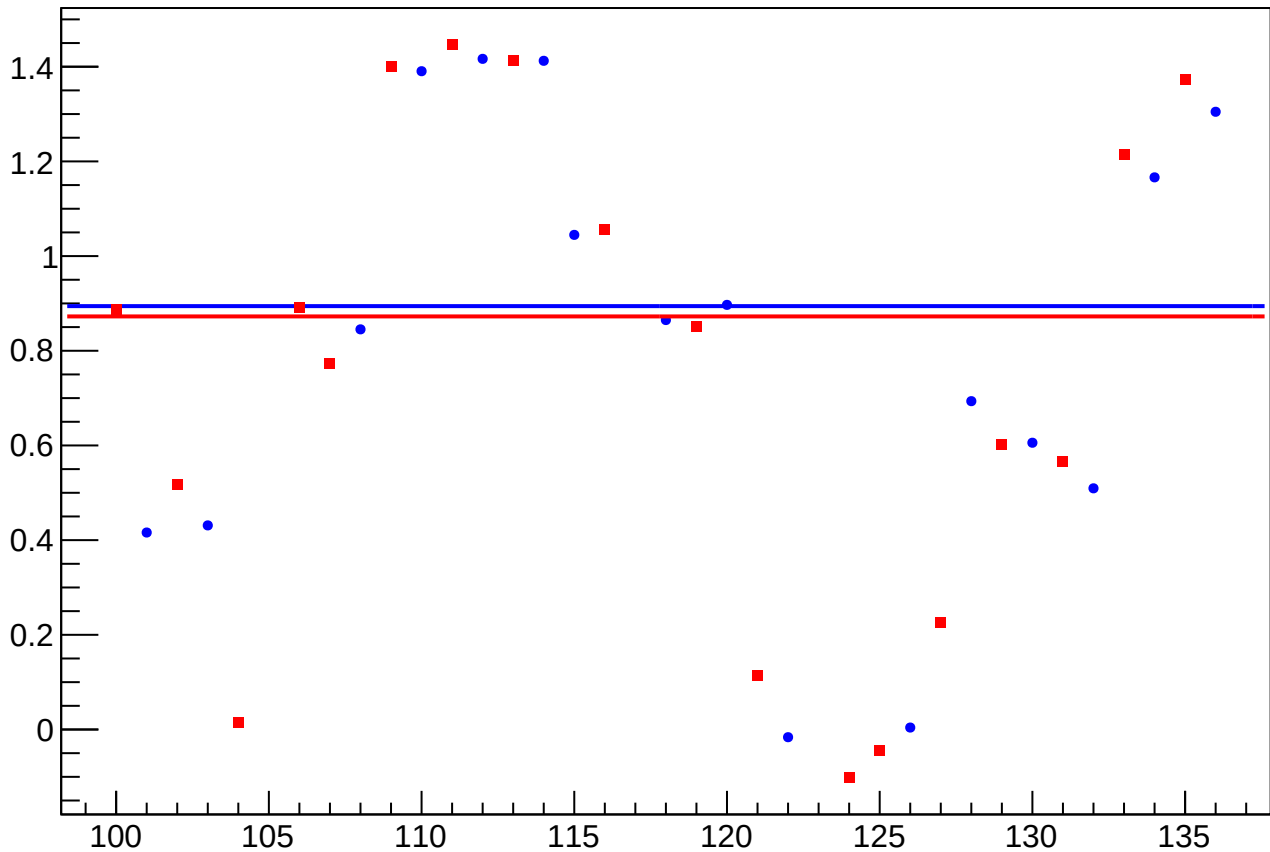
Right: 0.035+/-0.000 χ^2/NDF : 722809.4/33

In: 0.034+/-0.000 χ^2/NDF :420227.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.035+/-0.000 χ^2/NDF : 722809.4/33

yield_bpm12Y_mean vs Slug, Sign Corrected



Right In: 0.894+/-0.000 χ^2/NDF : 12749707787.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.873+/-0.000 χ^2/NDF : 17199895609.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

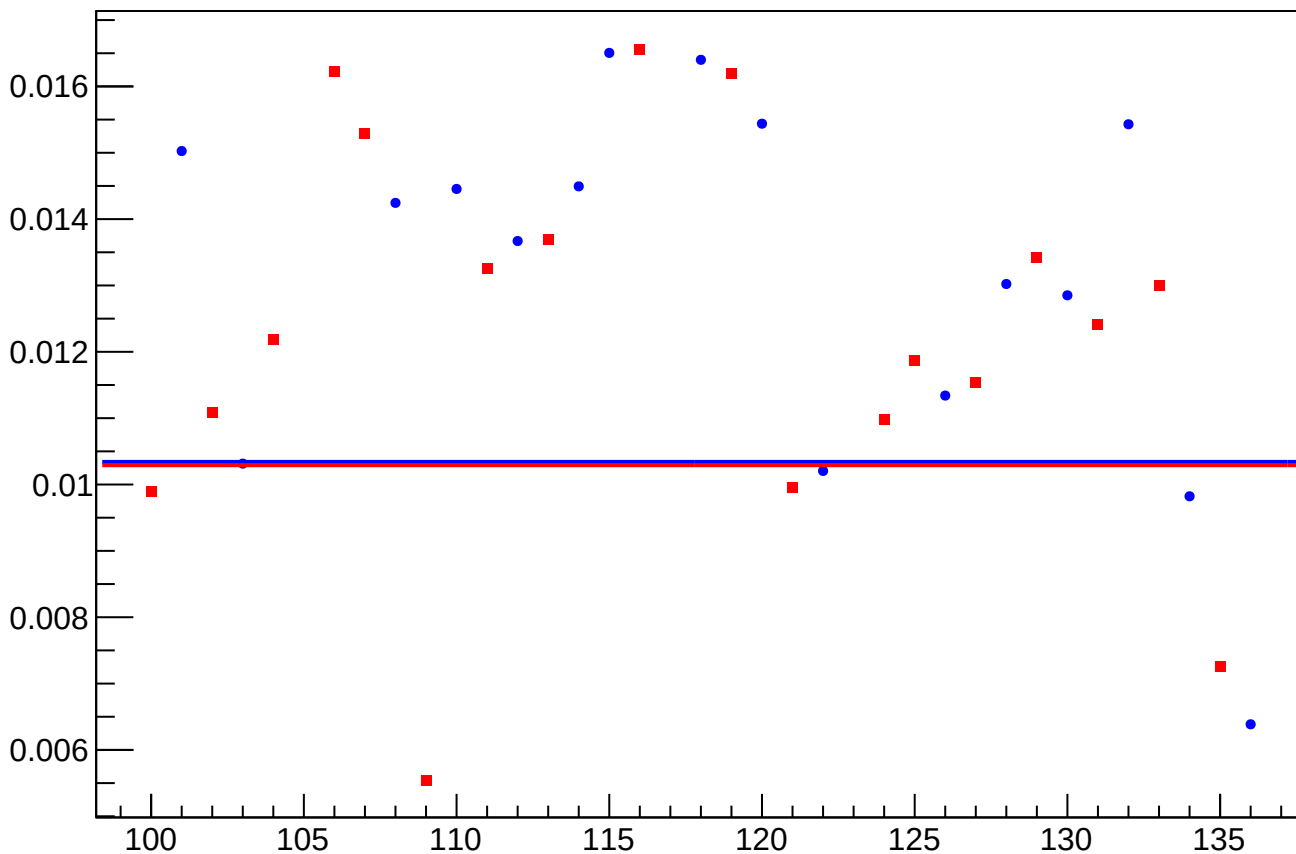
Right: 0.883+/-0.000 χ^2/NDF : 29962850611.4/33

In: 0.894+/-0.000 χ^2/NDF : 12749707787.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.883+/-0.000 χ^2/NDF : 29962850611.4/33

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 : 1241058.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.010+/-0.000

χ^2/NDF : 2591643.0/33

In: 0.010+/-0.000

χ^2/NDF : 1350446.6/15

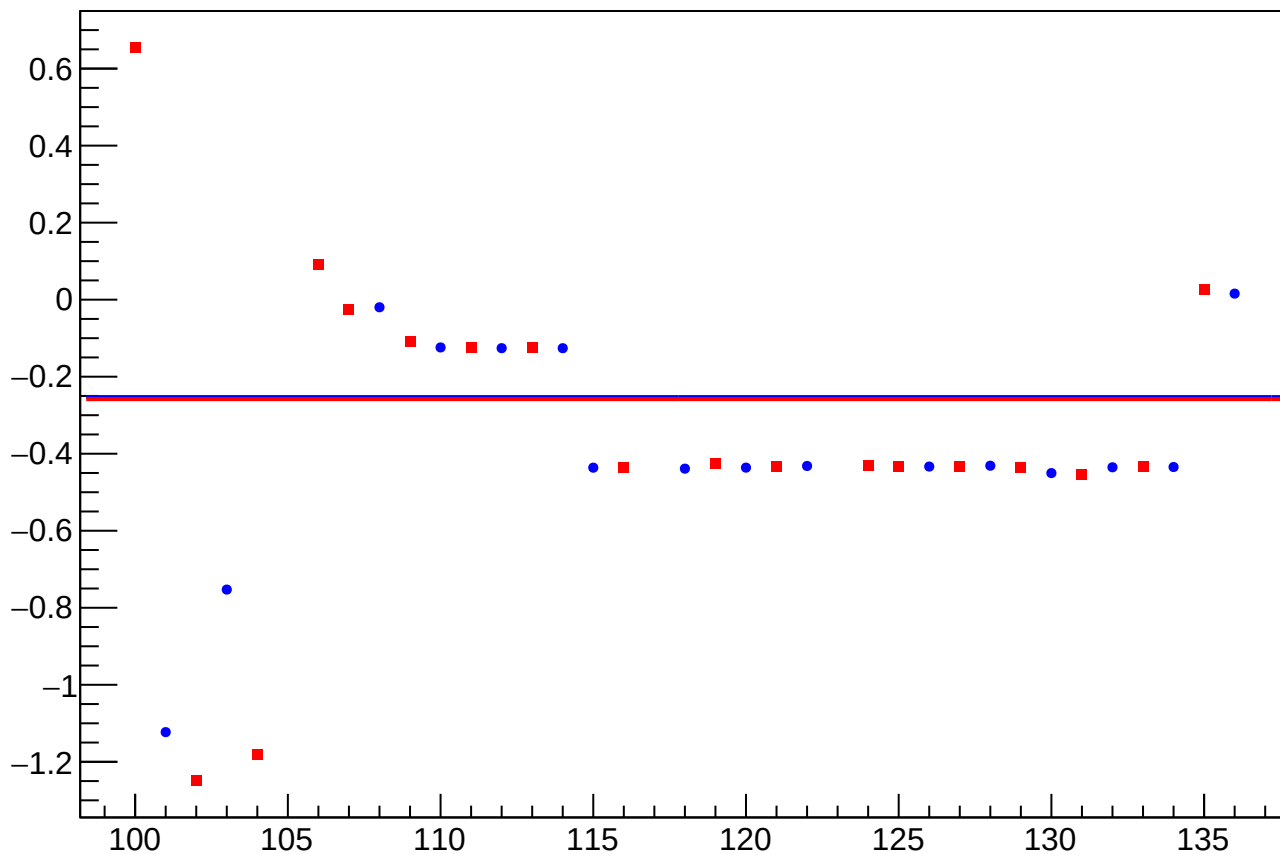
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.010+/-0.000

χ^2/NDF : 2591643.0/33

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: -0.258+/-0.000 χ^2/NDF : 1593343896.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

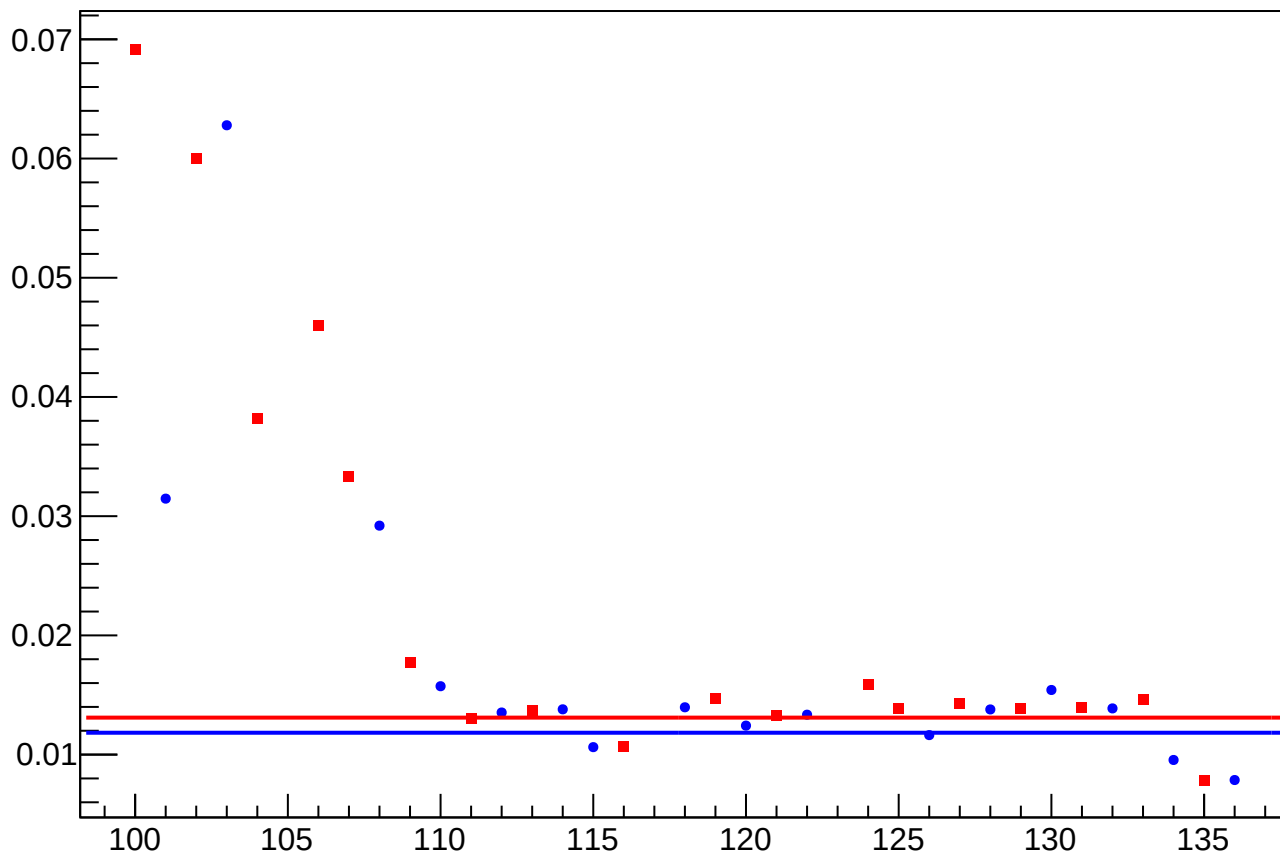
Right: -0.255+/-0.000 χ^2/NDF : 3619043052.2/33

In: -0.253+/-0.000 χ^2/NDF :2025242410.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.255+/-0.000 χ^2/NDF : 3619043052.2/33

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 : 2048446.4/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.012+/-0.000

χ^2/NDF : 4041898.0/33

In: 0.012+/-0.000

χ^2/NDF : 1942550.6/15

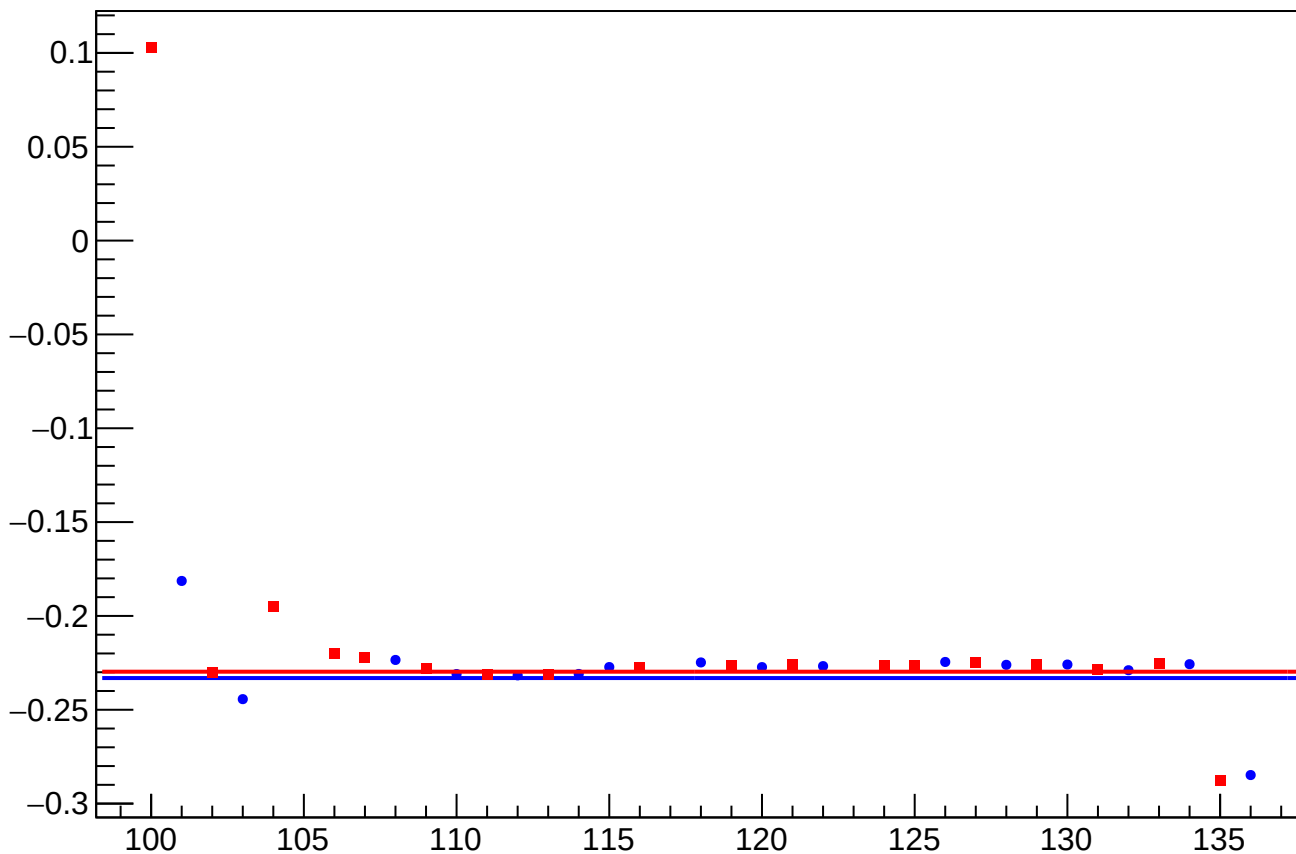
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.012+/-0.000

χ^2/NDF : 4041898.0/33

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: -0.230+/-0.000 χ^2/NDF : 256248148.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

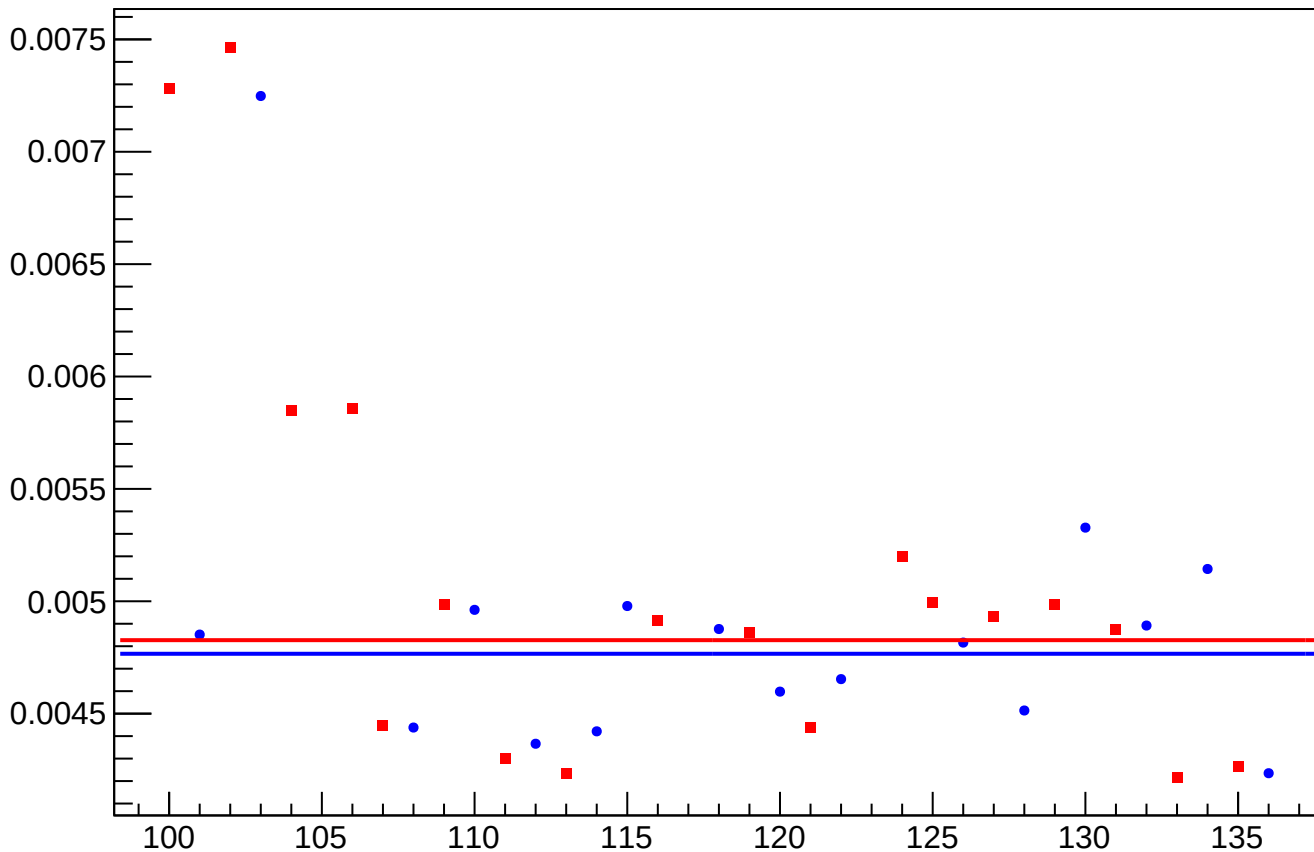
Right: -0.231+/-0.000 χ^2/NDF : 456926318.4/33

In: -0.233+/-0.000 χ^2/NDF : 199059878.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.231+/-0.000 χ^2/NDF : 456926318.4/33

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 : 287993.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

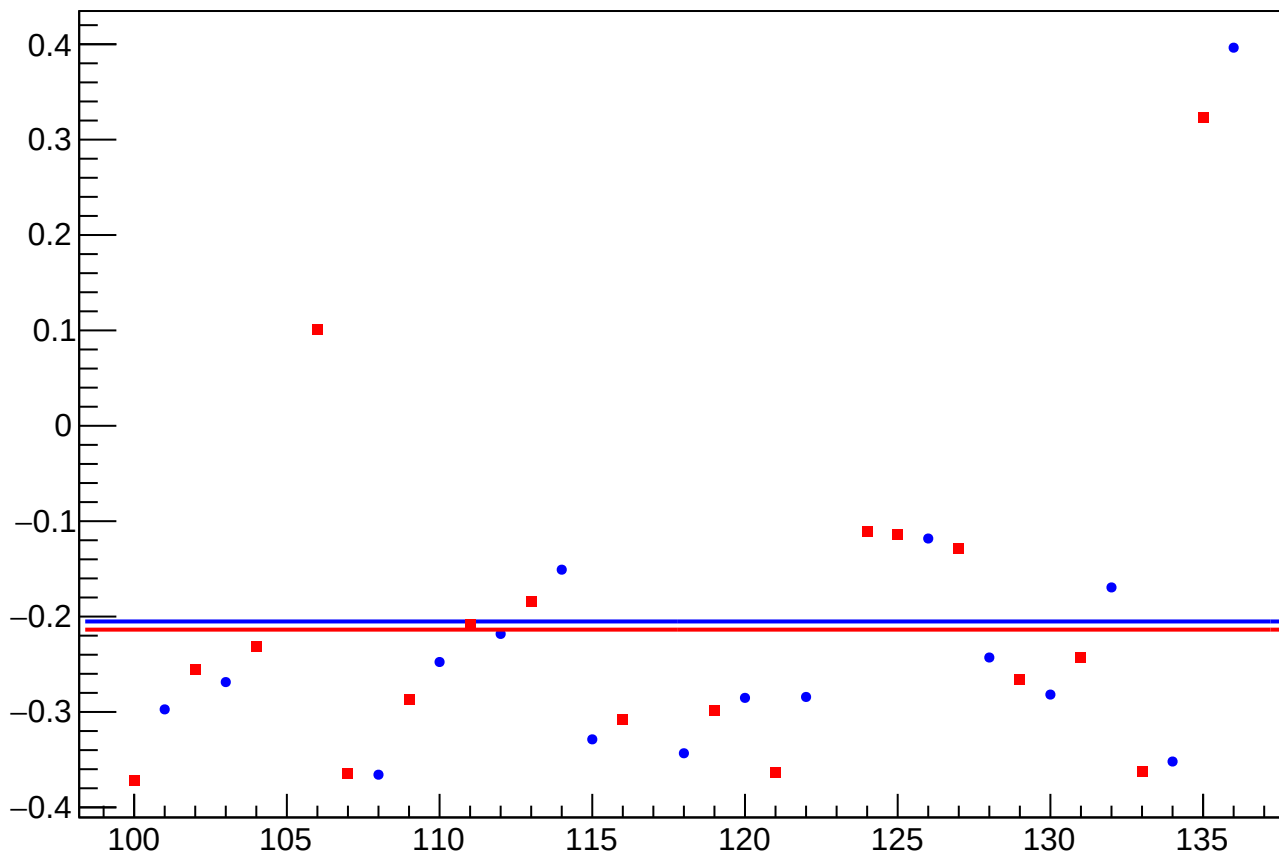
Right: 0.005+/-0.000 χ^2/NDF : 480785.0/33

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 : 480785.0/33

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: -0.214+/-0.000 χ^2/NDF : 3891173854.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

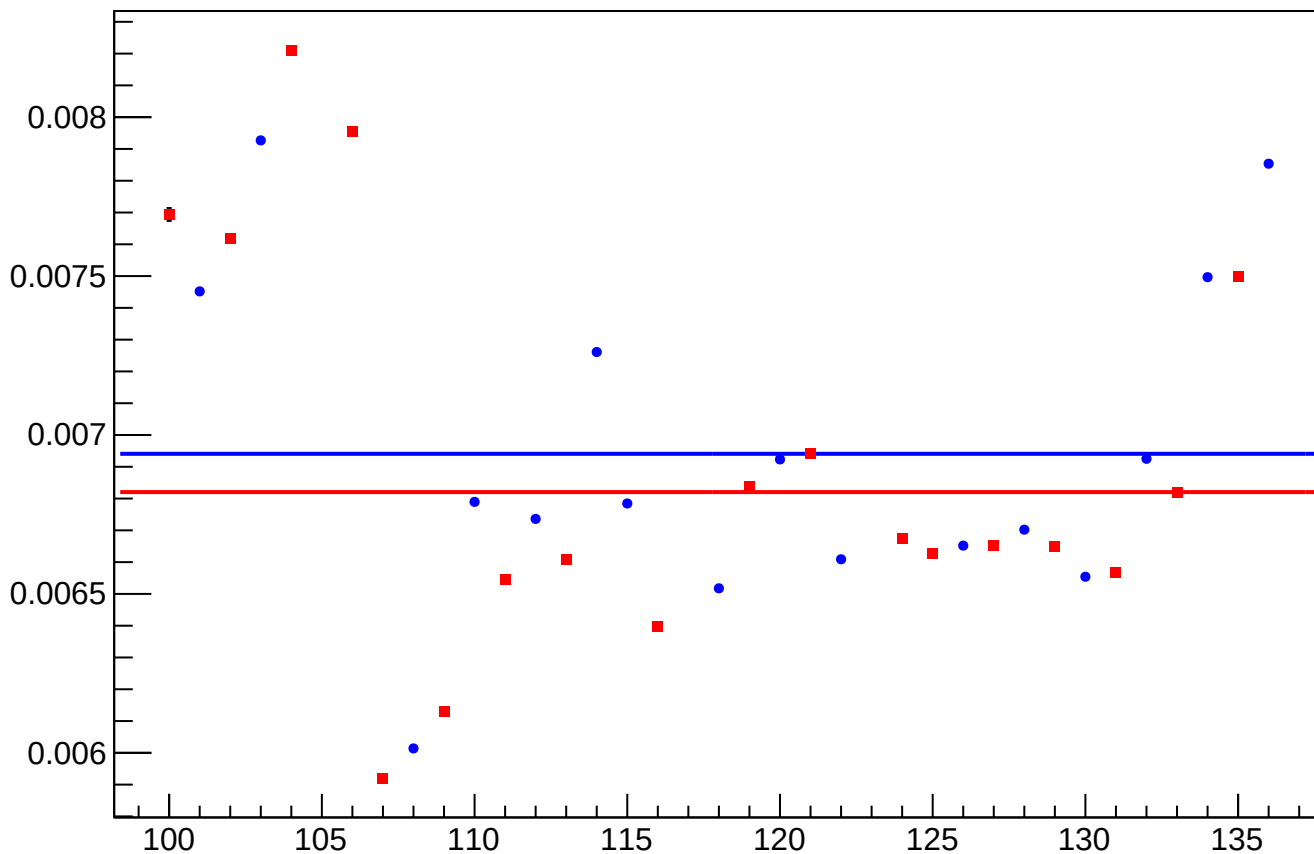
Right: -0.209+/-0.000 χ^2/NDF : 10085899306.7/33

In: -0.205+/-0.000 χ^2/NDF :6189271855.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.209+/-0.000 χ^2/NDF : 10085899306.7/33

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 : 93480.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

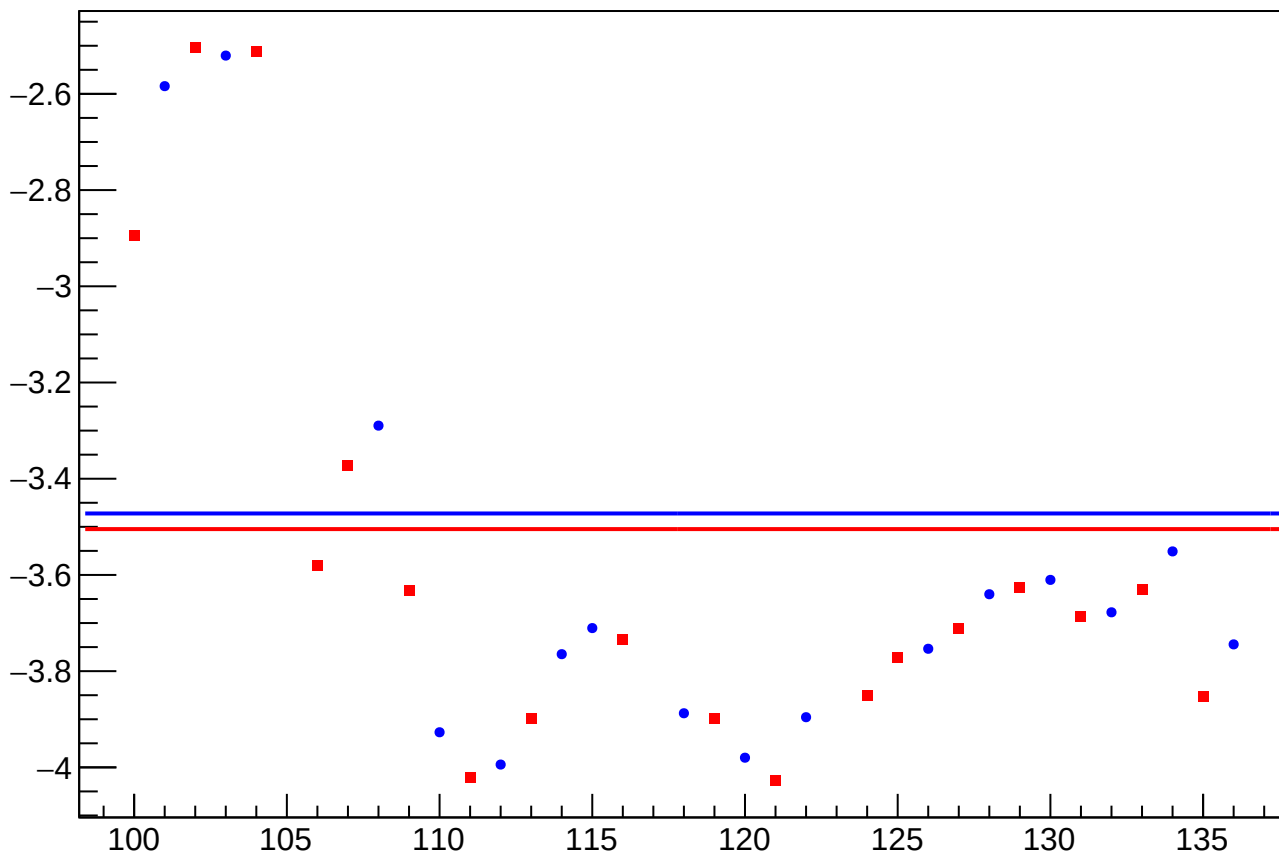
Right: 0.007+/-0.000 χ^2/NDF : 180793.3/33

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 : 180793.3/33

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: -3.505+/-0.000 χ^2/NDF : 29501456279.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

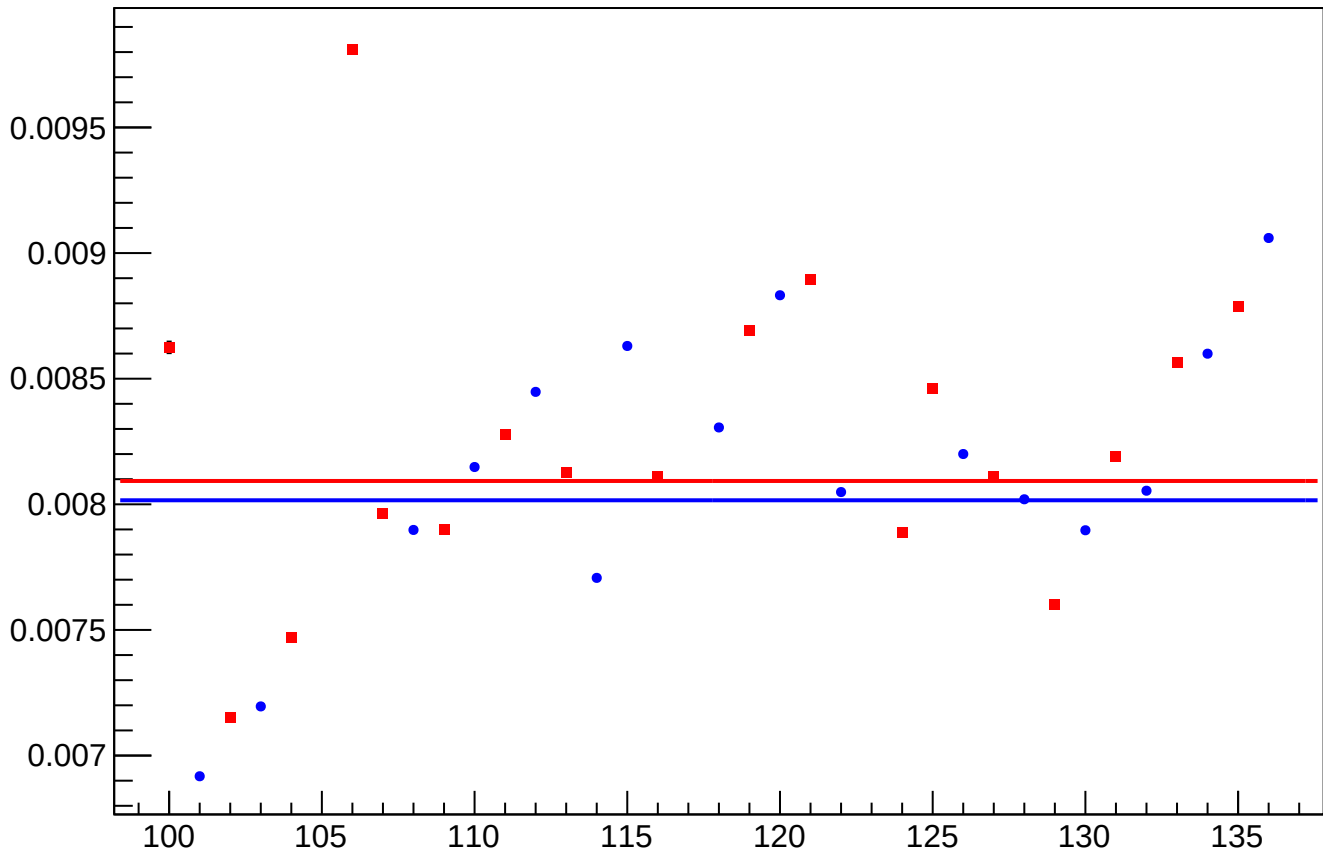
Right: -3.488+/-0.000 χ^2/NDF : 59150341978.7/33

In: -3.472+/-0.000 χ^2/NDF : 29592353445.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.488+/-0.000 χ^2/NDF : 59150341978.7/33

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 : 66553.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

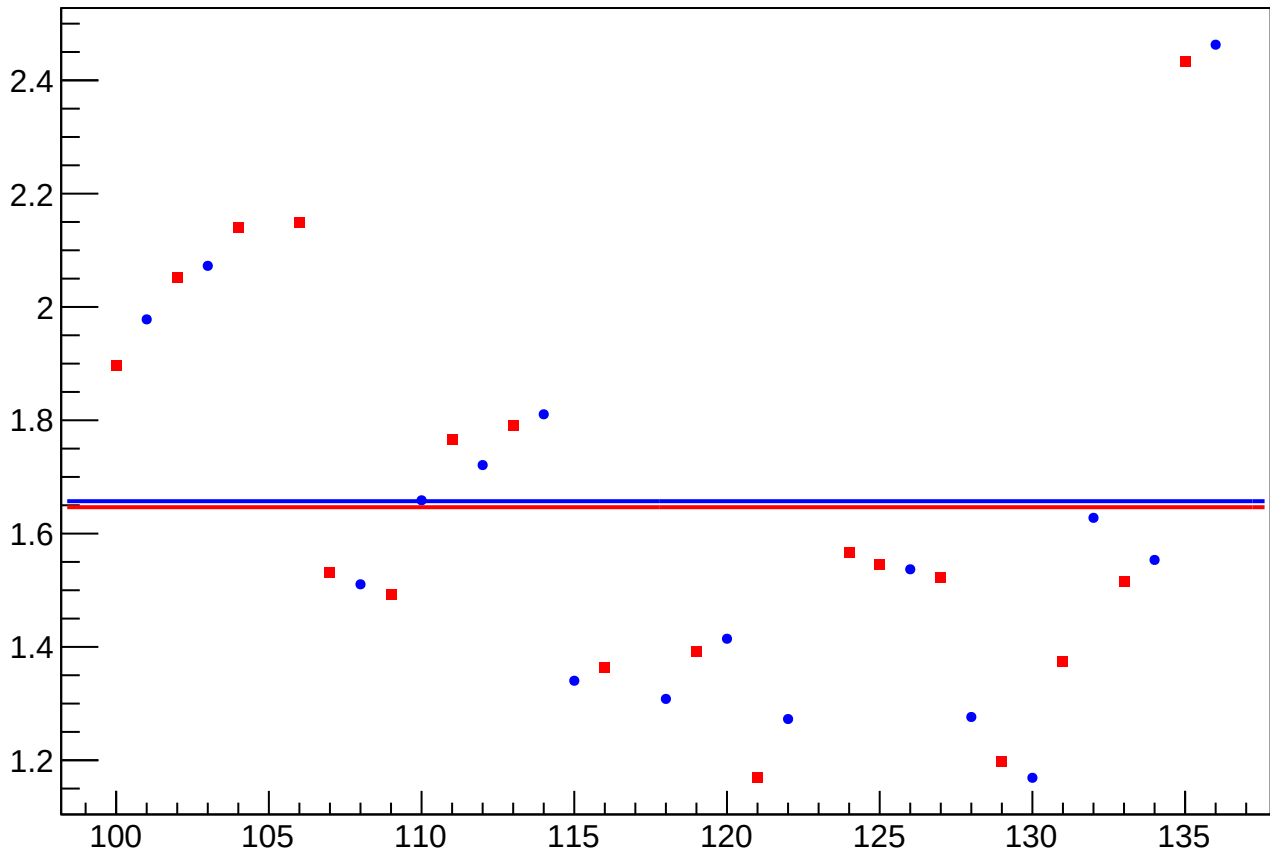
Right: 0.008+/-0.000 χ^2/NDF : 153419.4/33

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 : 153419.4/33

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: 1.647+/-0.000 χ^2/NDF : 5536080596.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

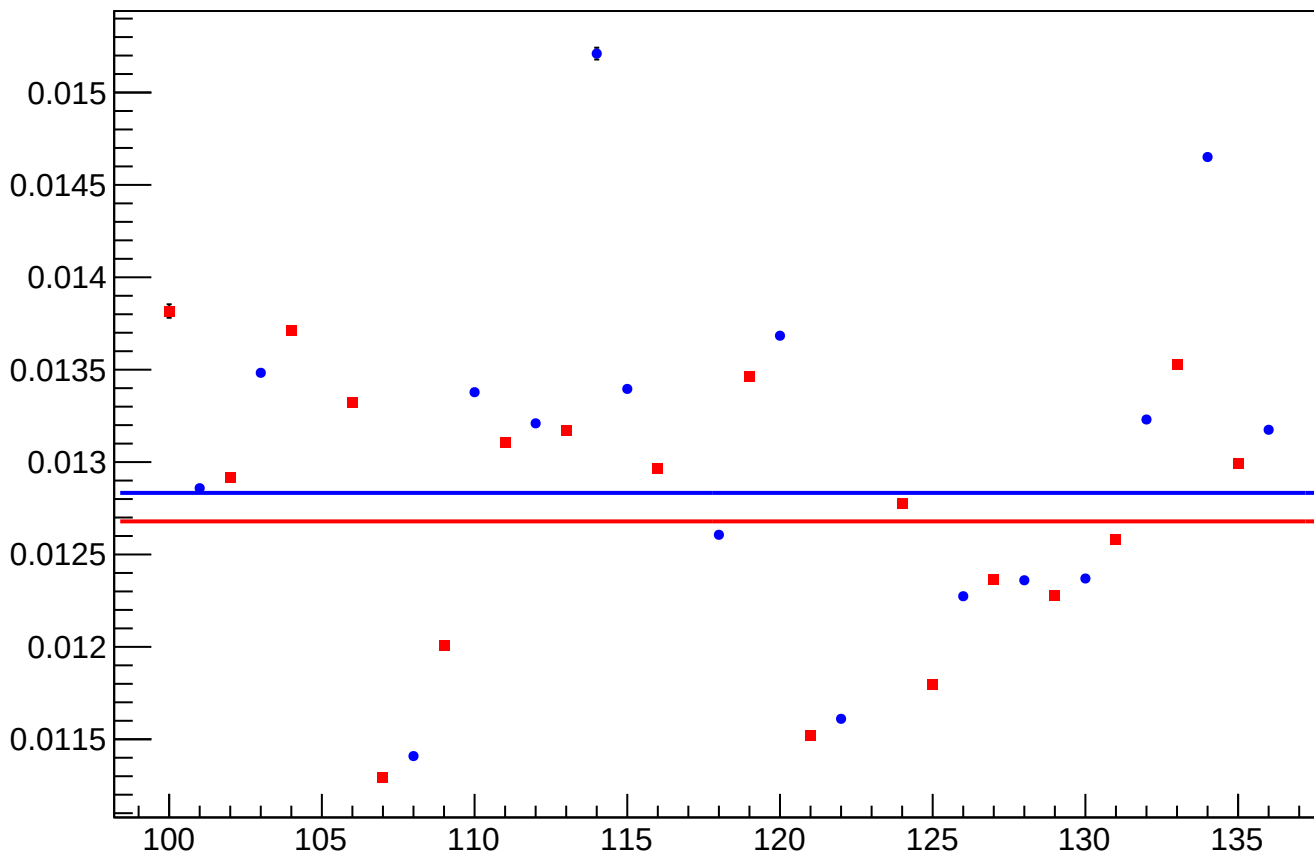
Right: 1.652+/-0.000 χ^2/NDF : 12204657988.3/33

In: 1.657+/-0.000 χ^2/NDF : 6666154117.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.652+/-0.000 χ^2/NDF : 12204657988.3/33

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 : 43136.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

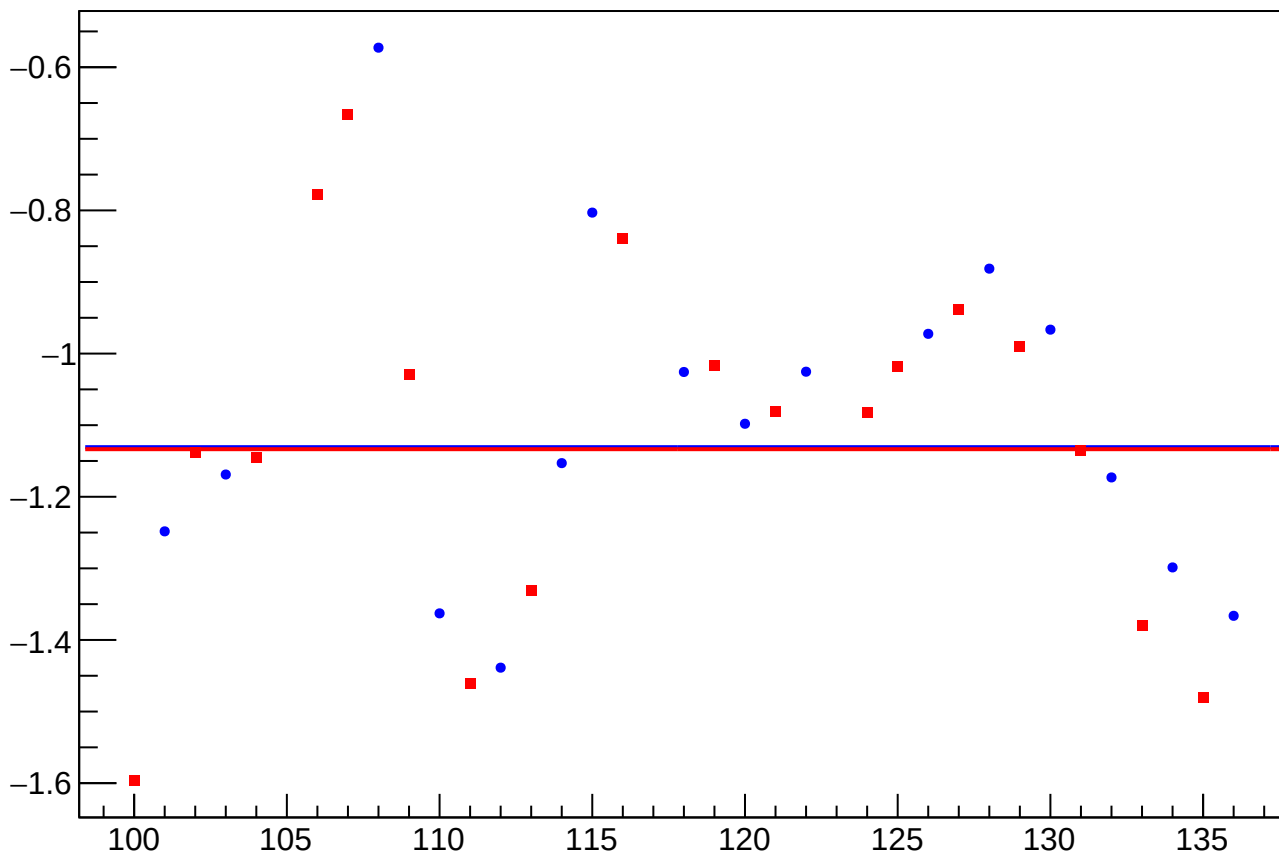
Right: 0.013+/-0.000 χ^2/NDF : 96678.1/33

In: 0.013+/-0.000 χ^2/NDF : 52516.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

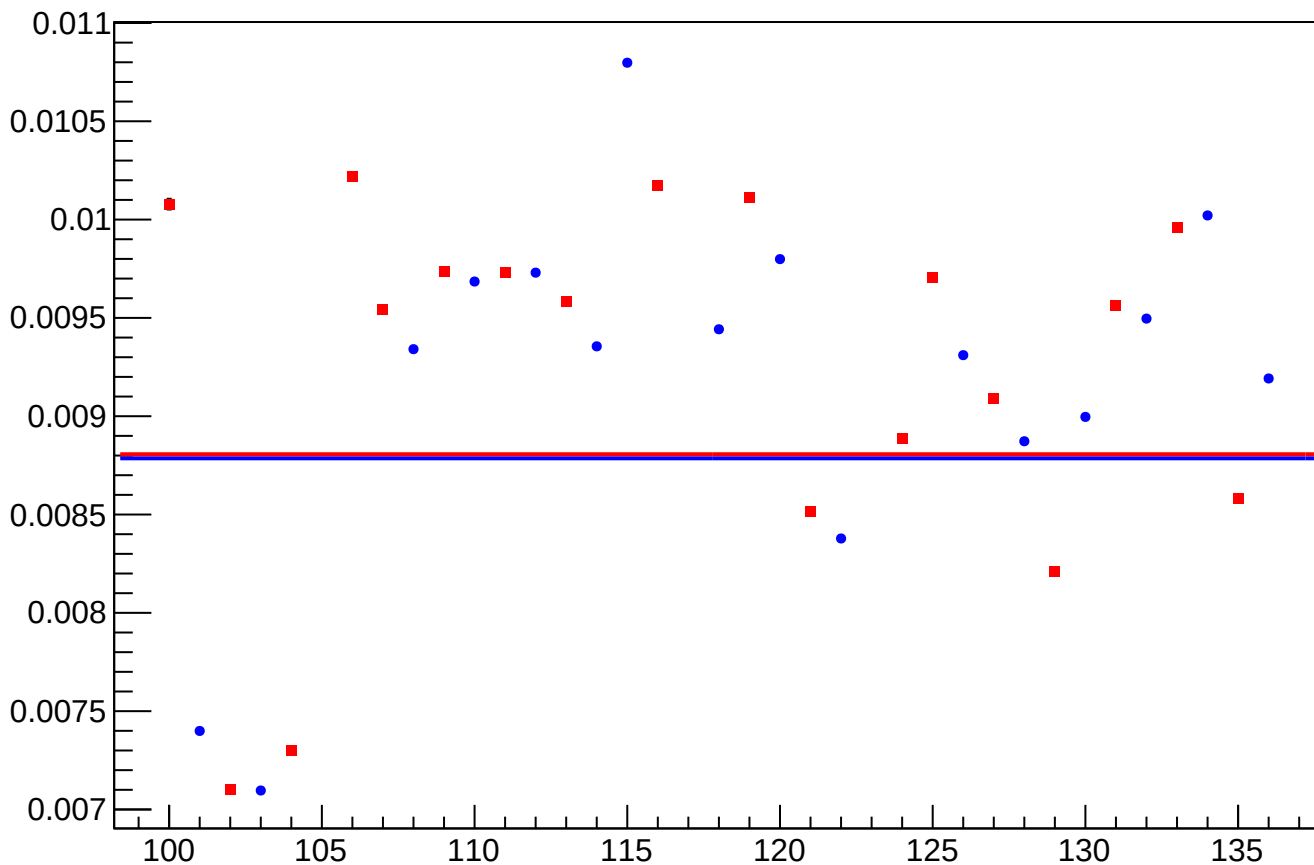
All: 0.013+/-0.000 χ^2/NDF : 96678.1/33

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: -1.134+/-0.000 χ^2/NDF : 3368026780.1/17
 Left In: 0.000+/-0.000 χ^2/NDF :0.0/0
 Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.132+/-0.000 χ^2/NDF : 7158497632.7/33
 In: -1.131+/-0.000 χ^2/NDF :3790121991.7/15
 Out: 0.000+/-0.000 χ^2/NDF :0.0/0
 All: -1.132+/-0.000 χ^2/NDF : 7158497632.7/33

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 : 204158.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

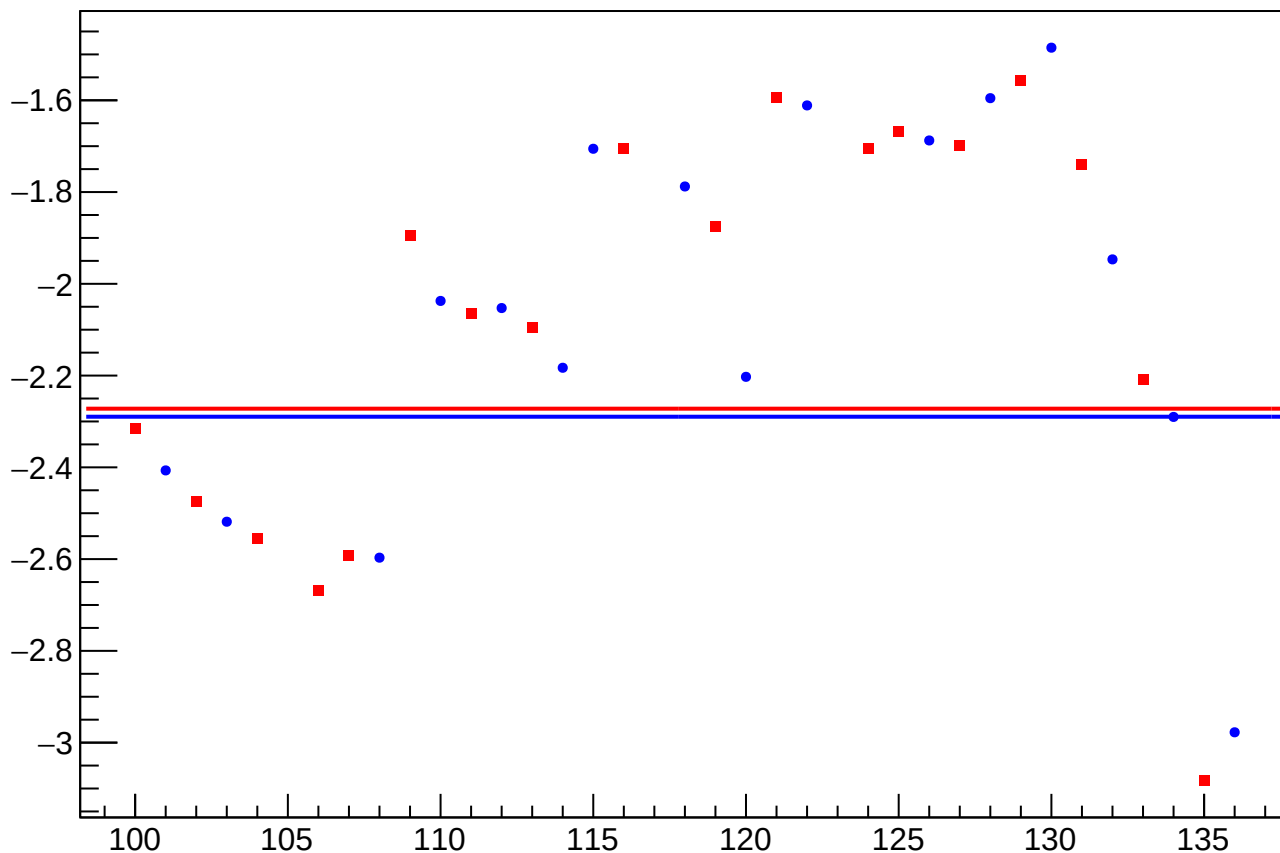
Right: 0.009+/-0.000 χ^2/NDF : 377673.5/33

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 : 377673.5/33

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: -2.272+/-0.000 χ^2/NDF : 16353791039.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

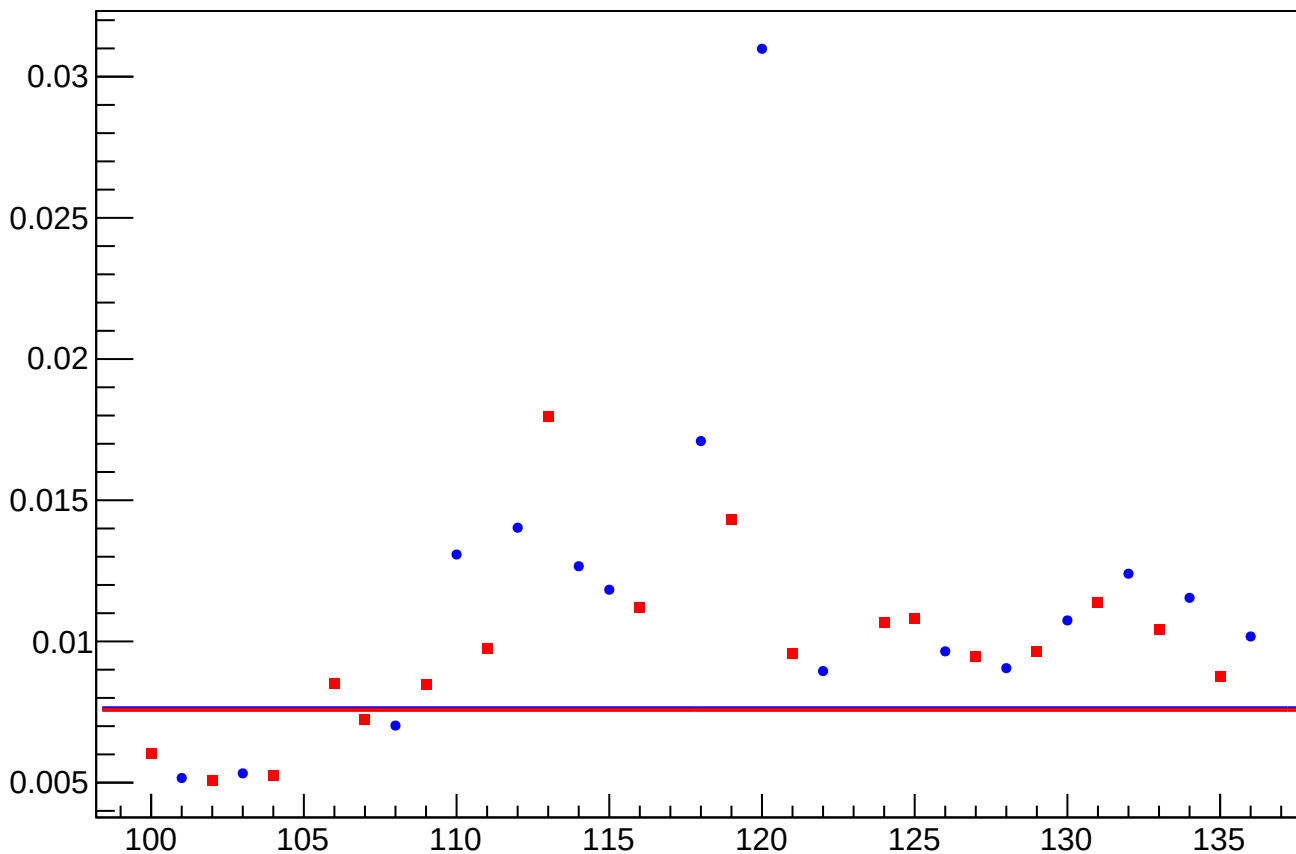
Right: -2.281+/-0.000 χ^2/NDF : 31590476416.3/33

In: -2.290+/-0.000 χ^2/NDF :15222817978.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.281+/-0.000 χ^2/NDF : 31590476416.3/33

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 : 1287284.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

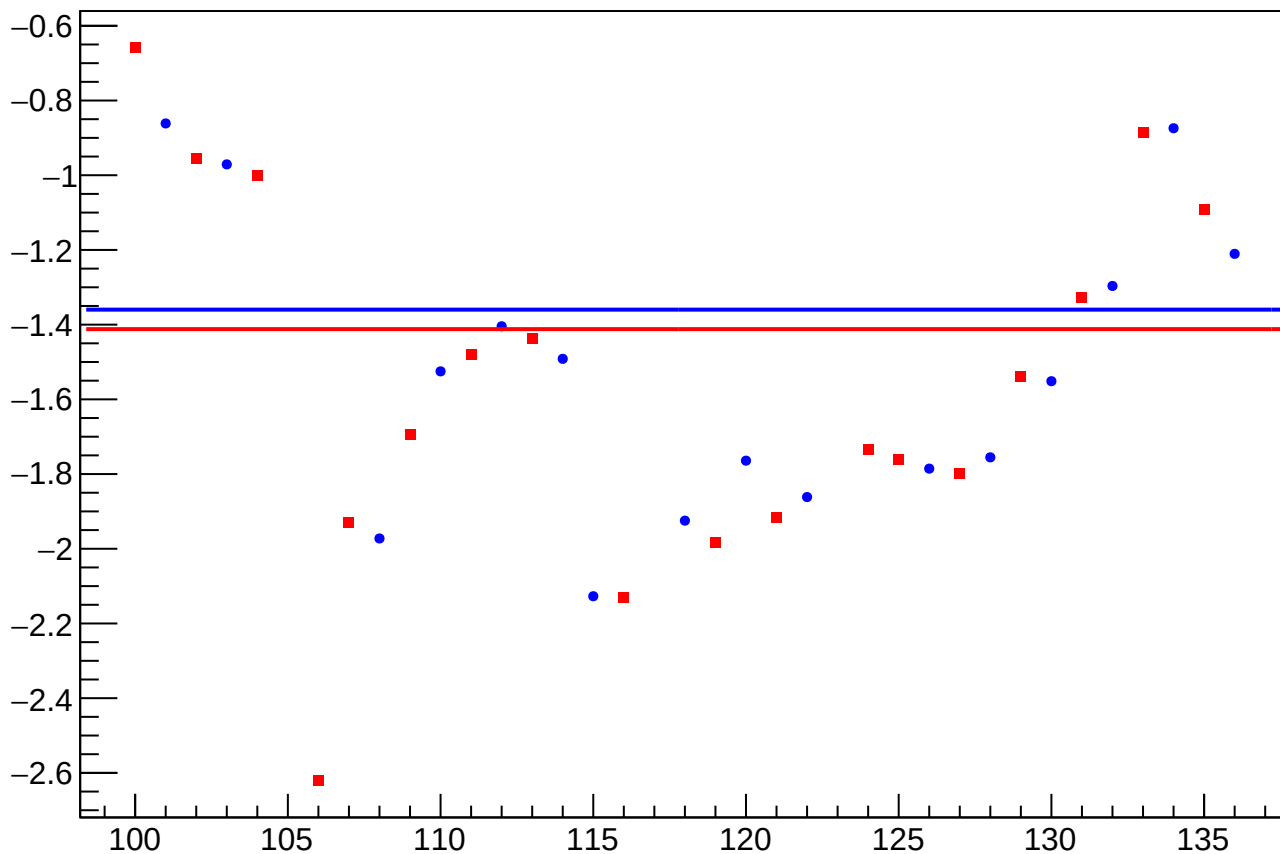
Right: 0.008+/-0.000 χ^2/NDF : 2998370.6/33

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 : 2998370.6/33

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: -1.412+/-0.000 χ^2/NDF : 29690069485.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

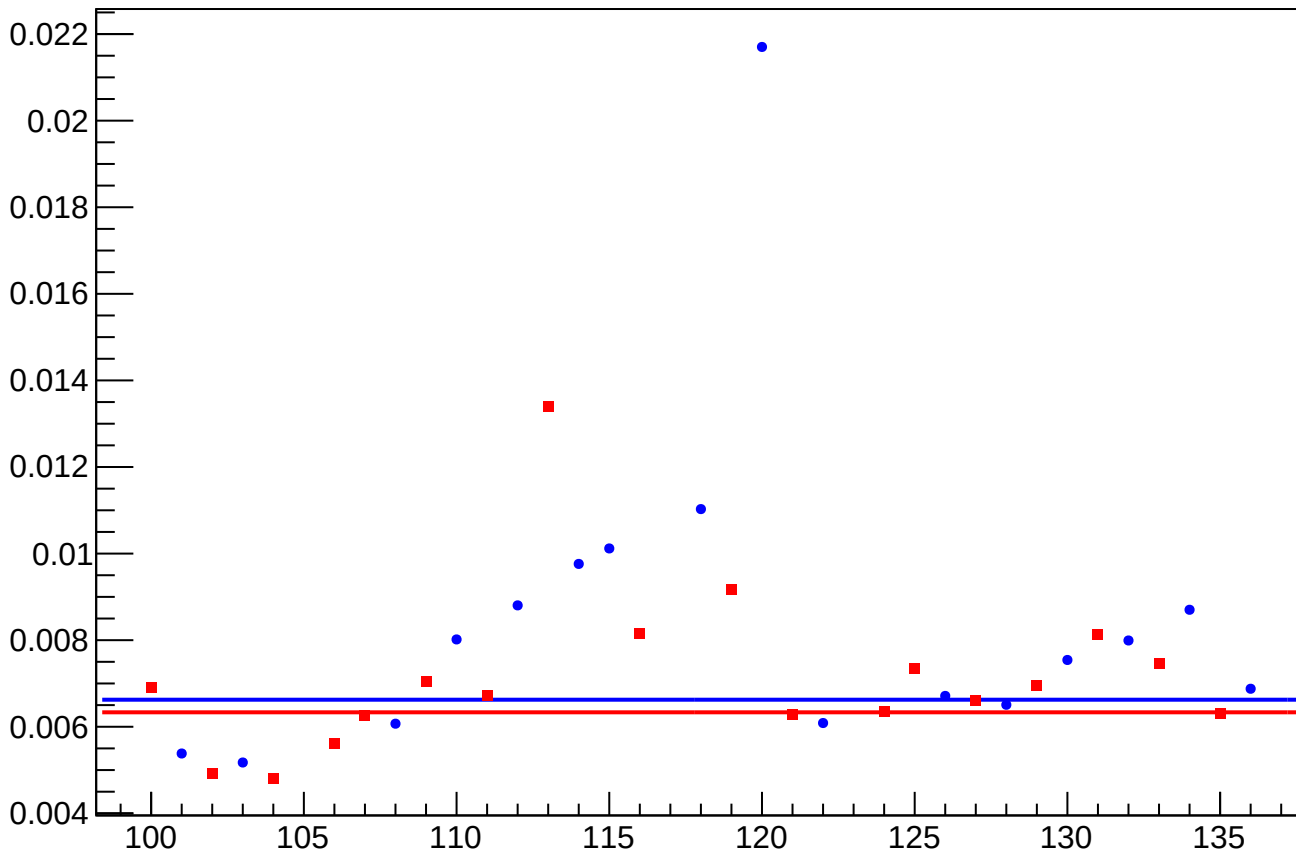
Right: -1.387+/-0.000 χ^2/NDF : 51372225612.6/33

In: -1.360+/-0.000 χ^2/NDF : 21491965614.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.387+/-0.000 χ^2/NDF : 51372225612.6/33

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 : 528084.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

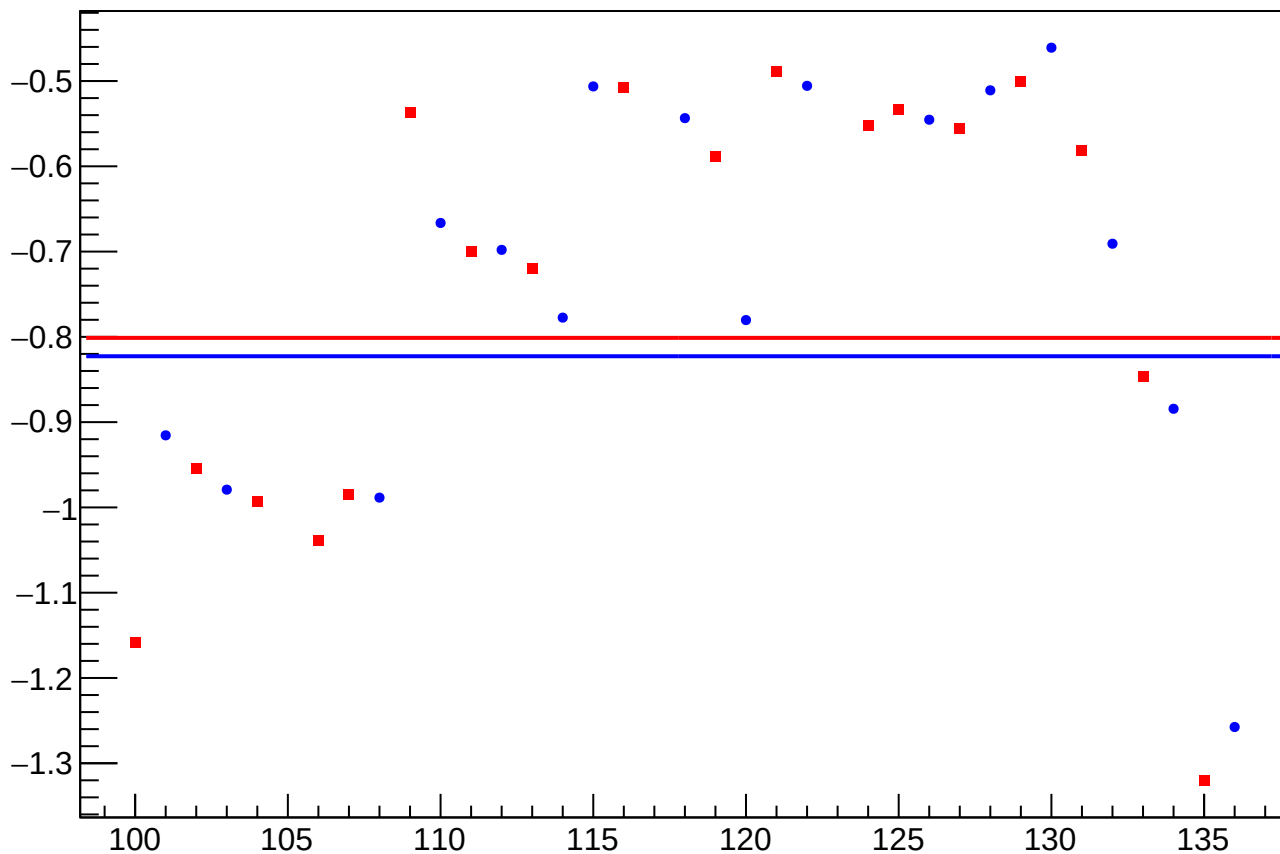
Right: 0.006+/-0.000 χ^2/NDF : 1233699.2/33

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 : 1233699.2/33

yield_bpm0i07X_mean vs Slug, Sign Corrected



Right In: -0.823+/-0.000

χ^2/NDF : 12226599844.5/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.812+/-0.000 χ^2/NDF : 26128752548.5/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.823+/-0.000 χ^2/NDF : 12226599844.5/15

Right Out: -0.801+/-0.000

χ^2/NDF : 13857902398.1/17

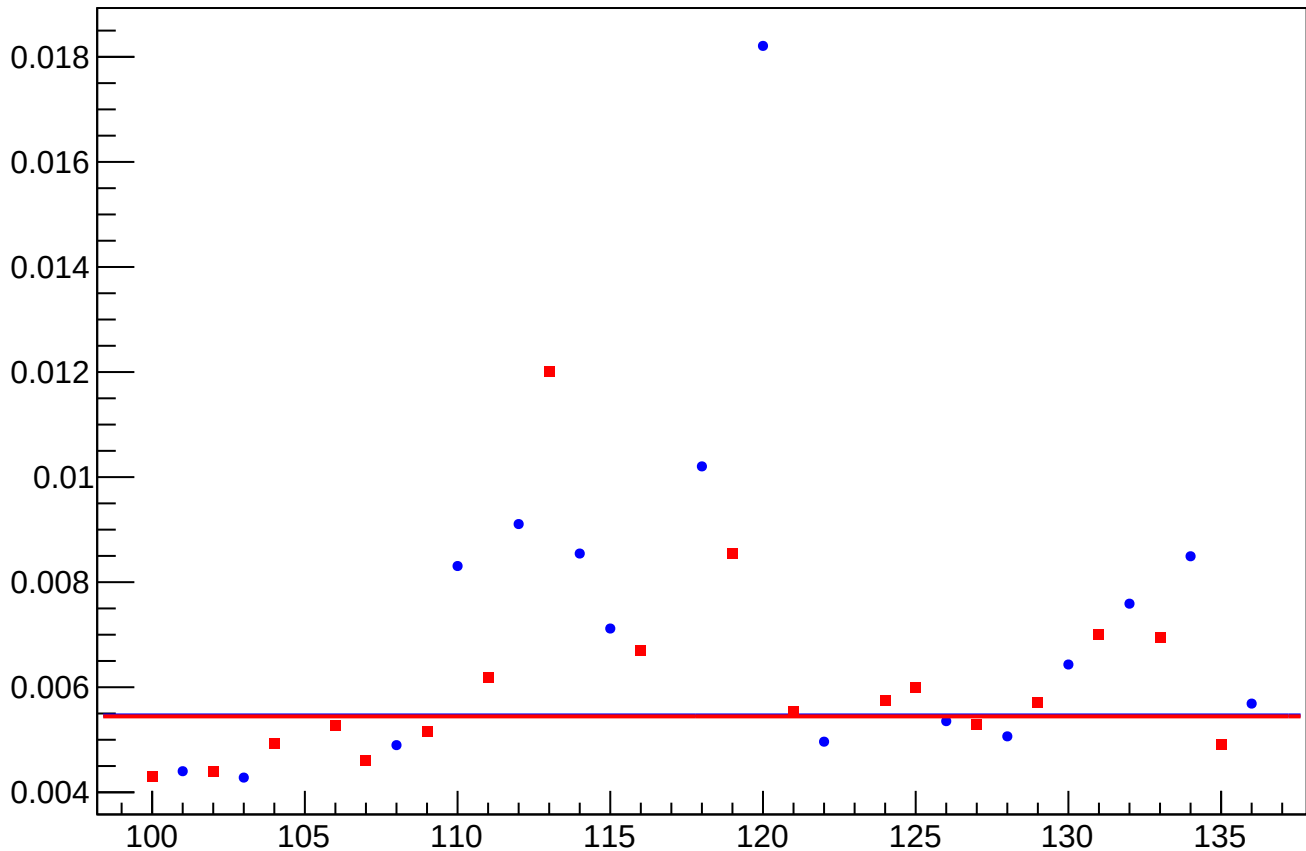
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -0.812+/-0.000 χ^2/NDF : 26128752548.5/33

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 : 504926.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

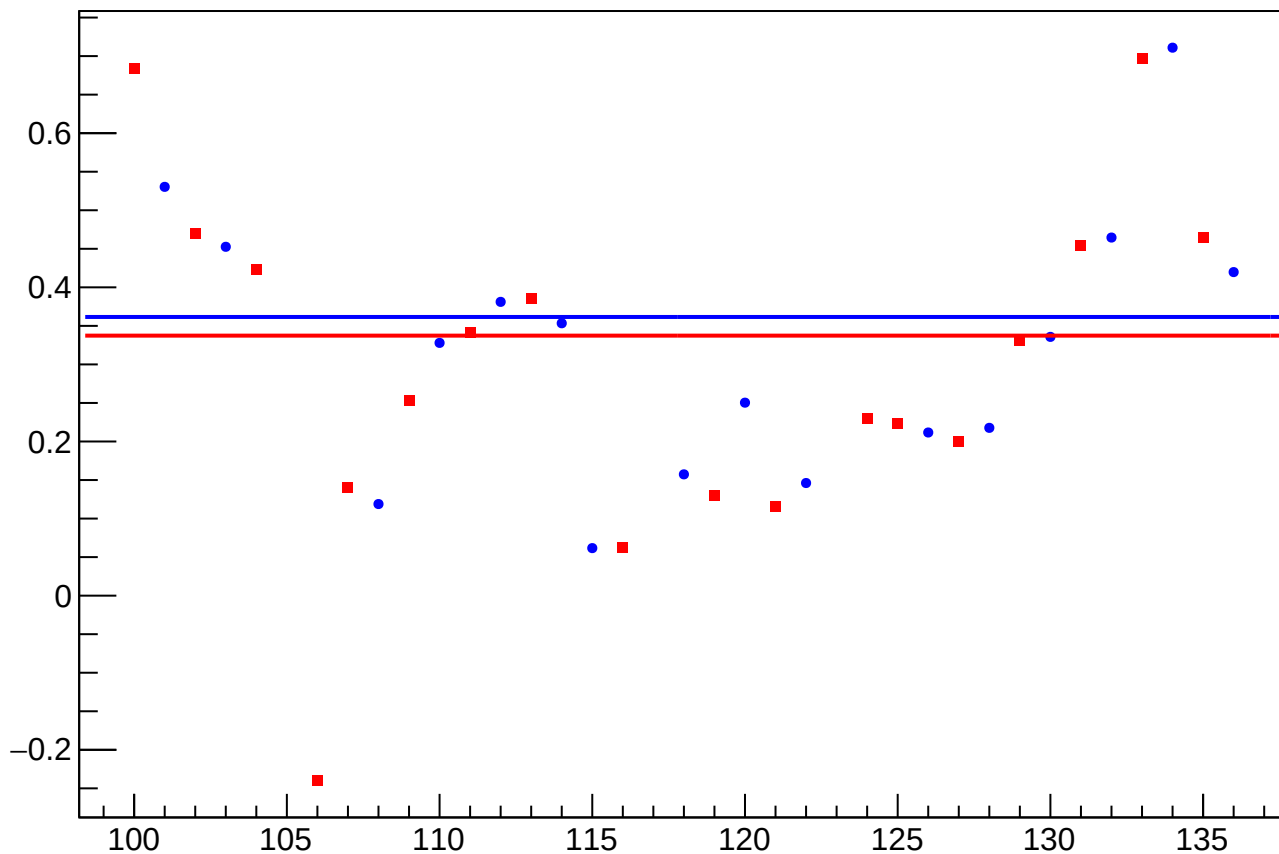
Right: 0.005+/-0.000 χ^2/NDF : 1466474.0/33

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 : 1466474.0/33

yield_bpm0i07Y_mean vs Slug, Sign Corrected



Right In: 0.362+/-0.000

χ^2/NDF : 8775952187.9/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 0.349+/-0.000 χ^2/NDF : 20906661464.4/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 0.362+/-0.000 χ^2/NDF : 8775952187.9/15

Right Out: 0.337+/-0.000

χ^2/NDF : 12019625277.8/17

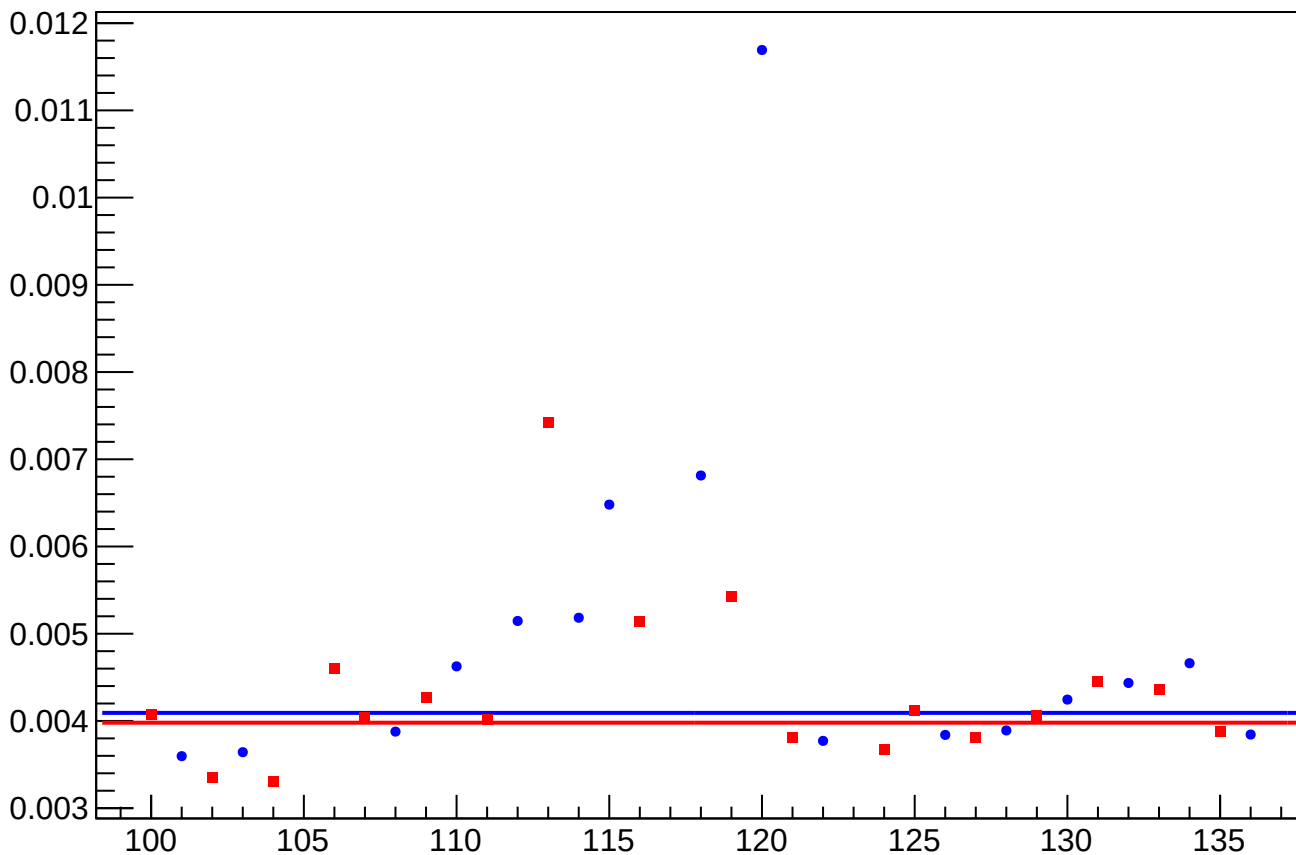
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.349+/-0.000 χ^2/NDF : 20906661464.4/33

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 : 311662.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

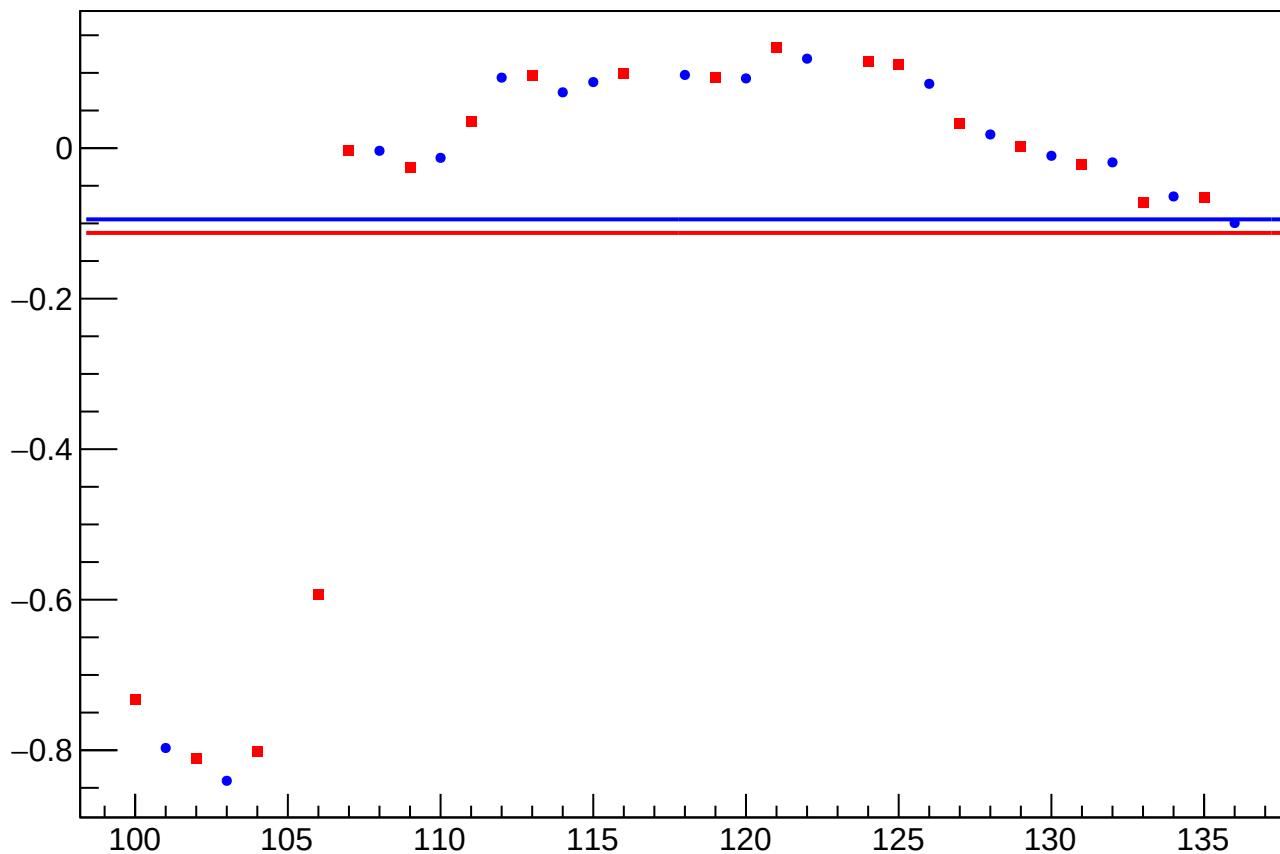
Right: 0.004+/-0.000 χ^2/NDF : 808219.0/33

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 : 808219.0/33

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: -0.113+/-0.000 χ^2/NDF : 6189588922.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

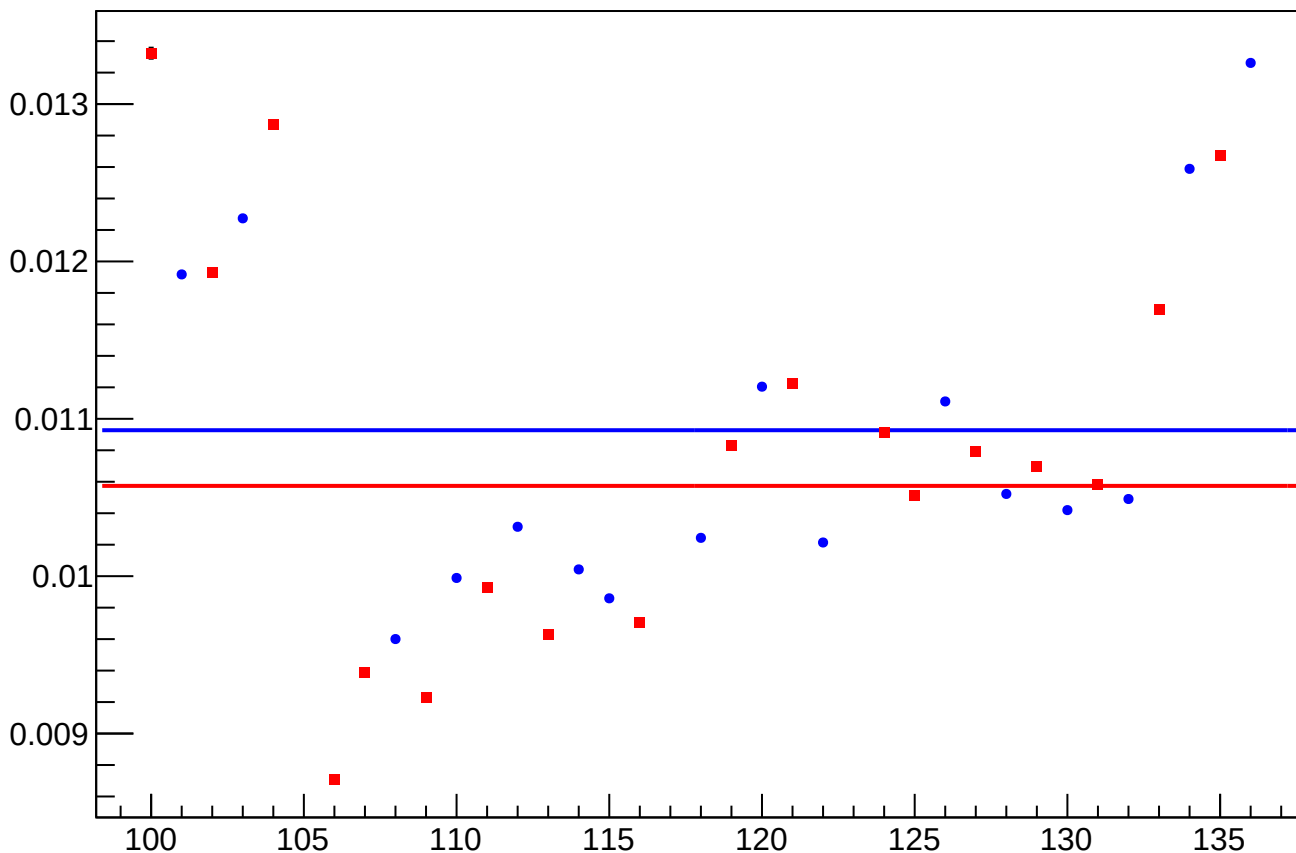
Right: -0.104+/-0.000 χ^2/NDF : 11689354022.1/33

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 : 11689354022.1/33

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 : 173482.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

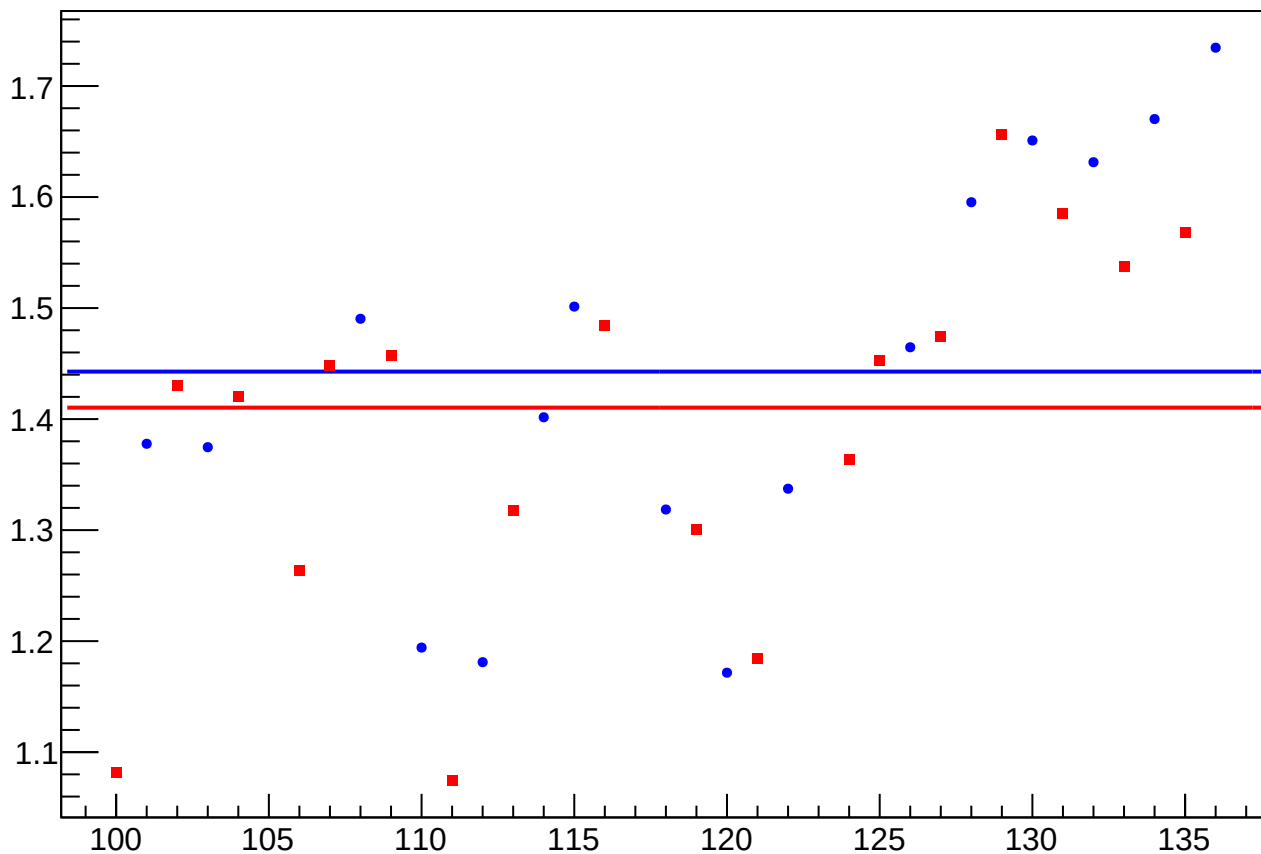
Right: 0.011+/-0.000 χ^2/NDF : 317700.5/33

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 : 317700.5/33

yield_bpm1i02Y_mean vs Slug, Sign Corrected



Right In: 1.443+/-0.000

χ^2/NDF : 3739724691.1/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.426+/-0.000

χ^2/NDF : 6423550451.6/33

Right Out: 1.410+/-0.000

χ^2/NDF : 2614041042.2/17

In: 1.443+/-0.000

χ^2/NDF : 3739724691.1/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

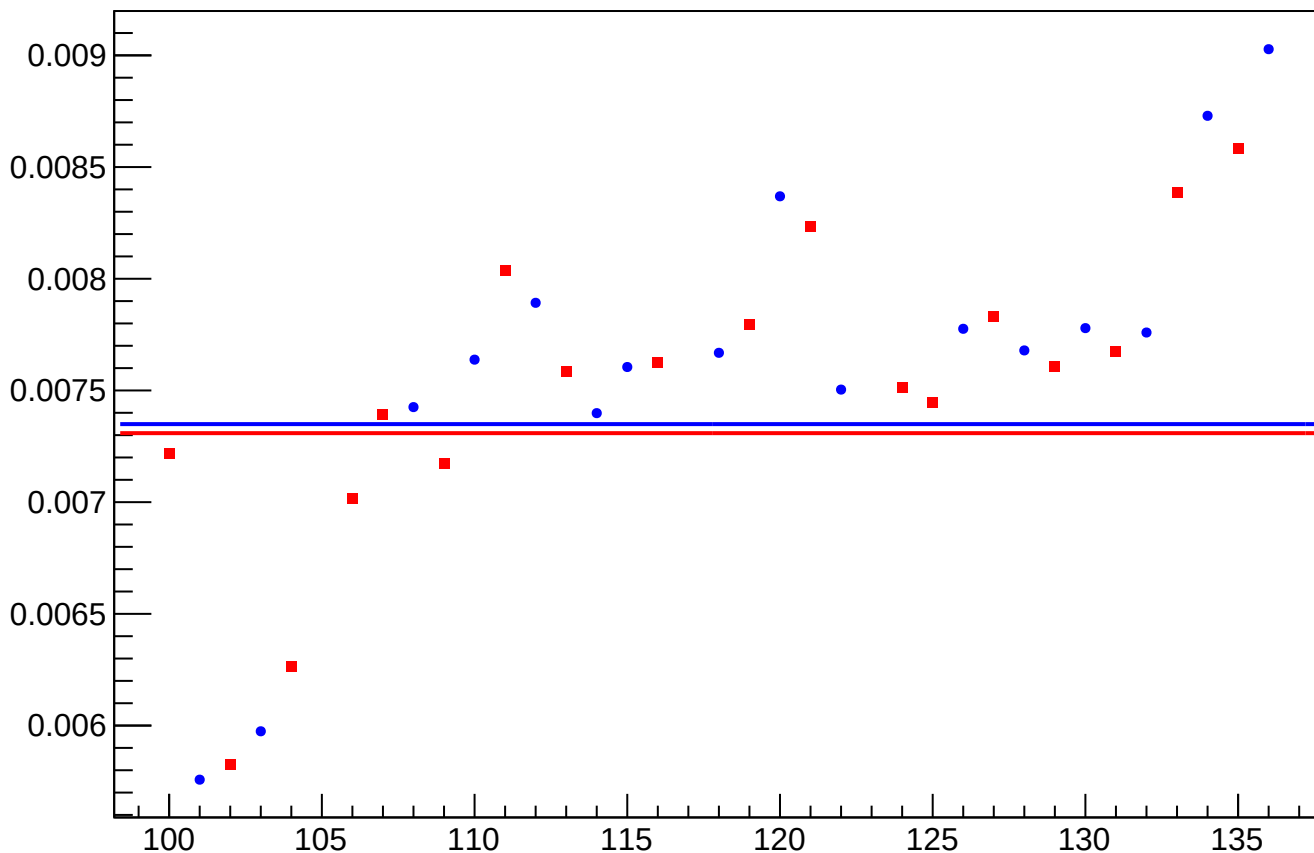
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.426+/-0.000

χ^2/NDF : 6423550451.6/33

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 : 183706.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

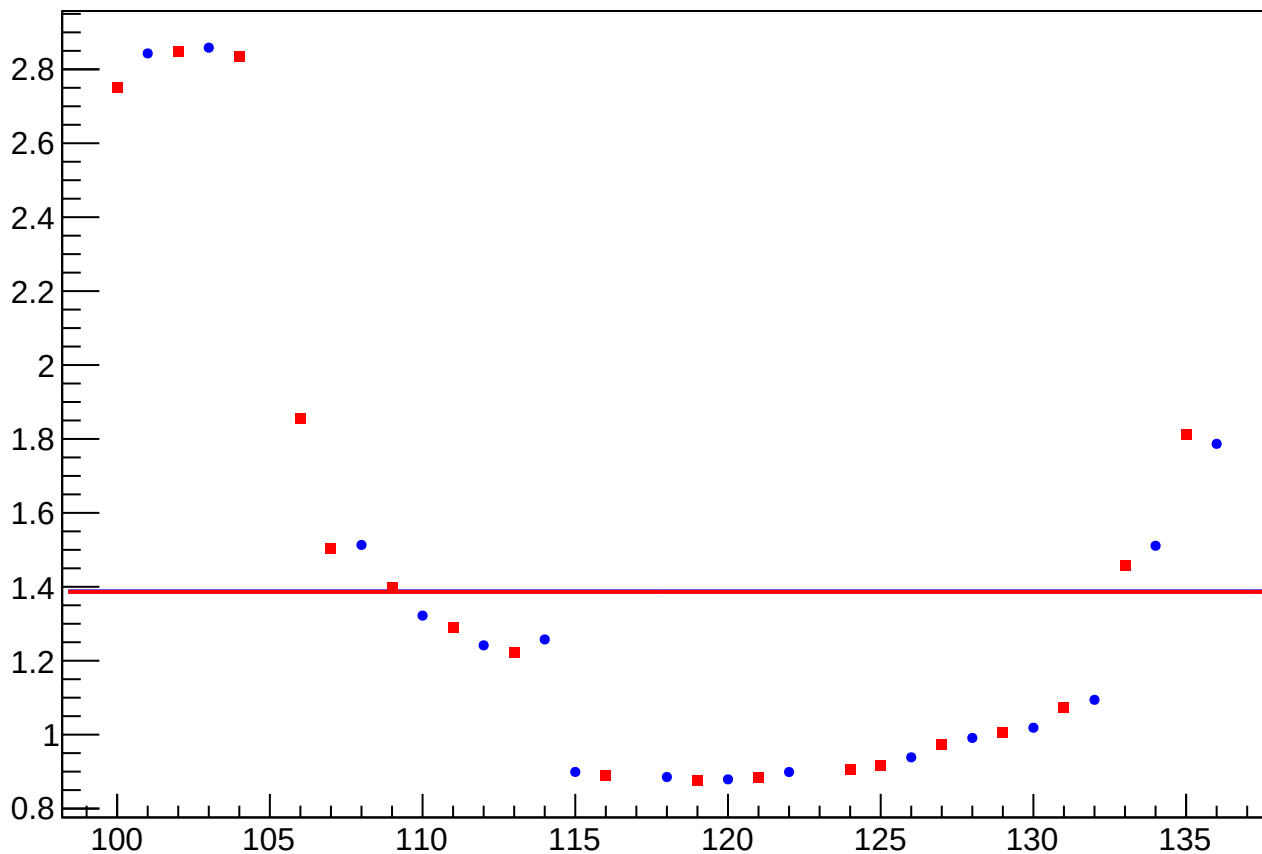
Right: 0.007+/-0.000 χ^2/NDF : 454788.2/33

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 : 454788.2/33

yield_bpm1i04X_mean vs Slug, Sign Corrected



Right In: 1.388+/-0.000

χ^2/NDF : 58612635453.0/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.387+/-0.000

χ^2/NDF : 113589587881.3/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.388+/-0.000

χ^2/NDF : 58612635453.0/15

Right Out: 1.386+/-0.000

χ^2/NDF : 54976814846.2/17

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

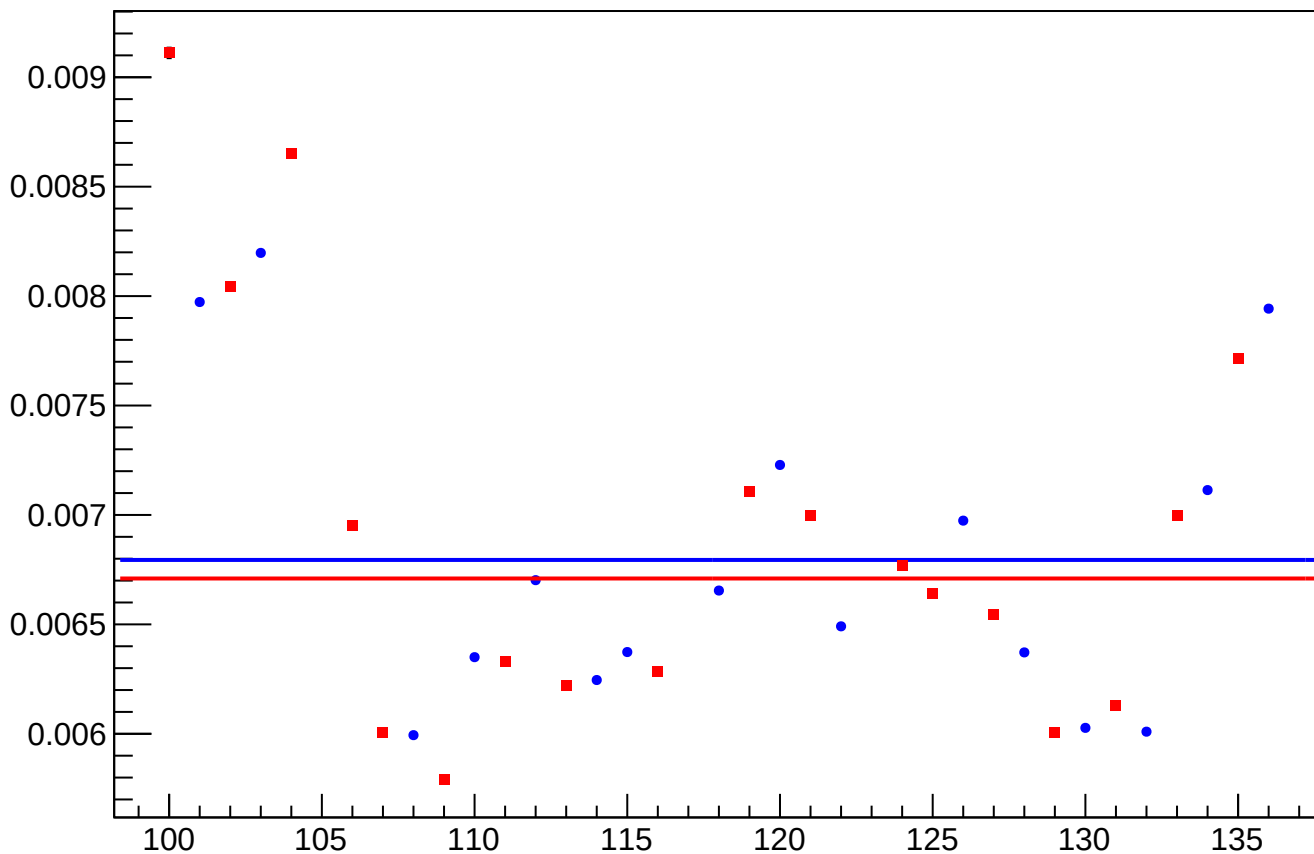
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.387+/-0.000

χ^2/NDF : 113589587881.3

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 : 186936.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

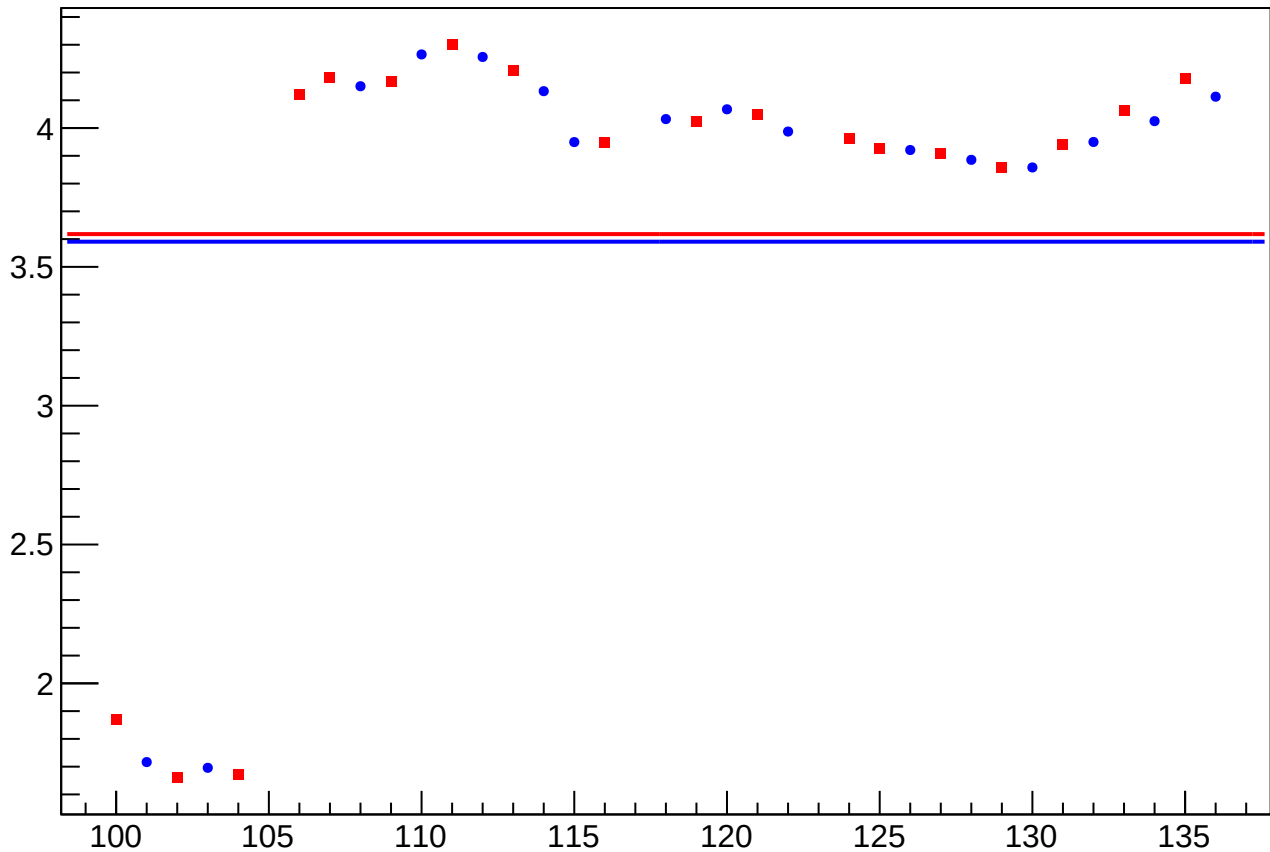
Right: 0.007+/-0.000 χ^2/NDF : 352518.3/33

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 : 352518.3/33

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: 3.618+/-0.000 χ^2/NDF : 211137301345.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

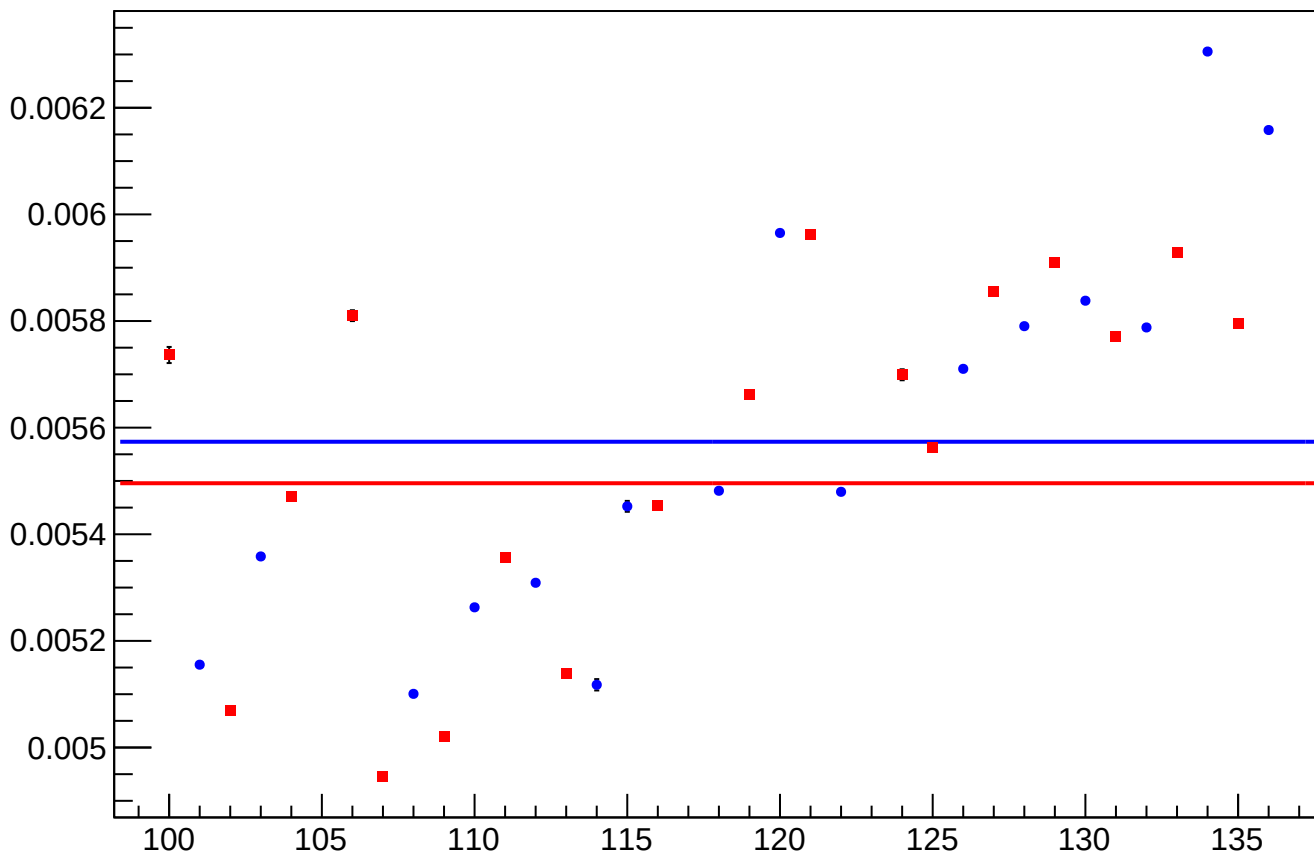
Right: 3.605+/-0.000 χ^2/NDF : 413409163065.3/33

In: 3.591+/-0.000 χ^2/NDF : 202184644473.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.605+/-0.000 χ^2/NDF : 413409163065.3

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: 0.005+/-0.000 χ^2/NDF : 55047.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

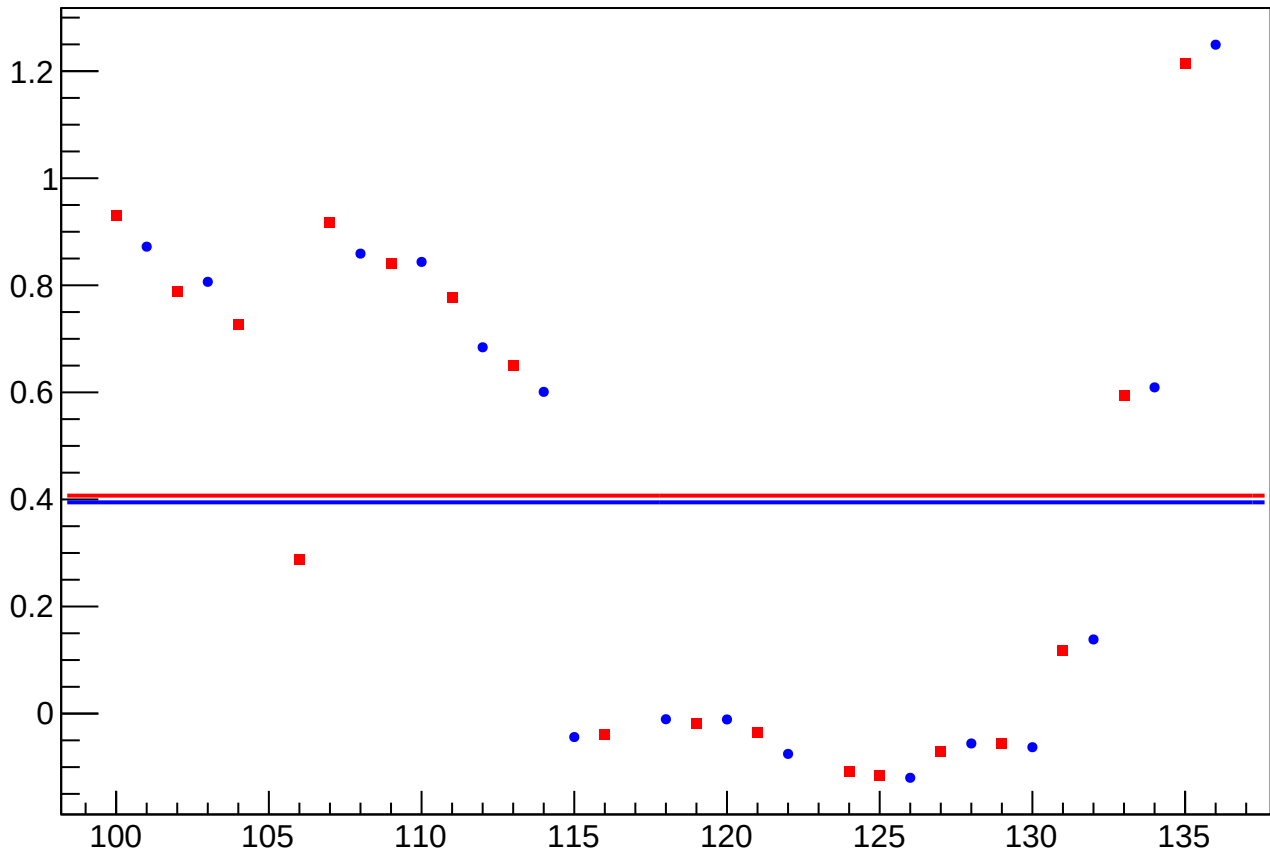
Right: 0.006+/-0.000 χ^2/NDF : 115588.4/33

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 : 115588.4/33

yield_bpm1i06X_mean vs Slug, Sign Corrected



Right In: 0.395+/-0.000 χ^2/NDF : 7412548044.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.407+/-0.000 χ^2/NDF : 6416716828.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

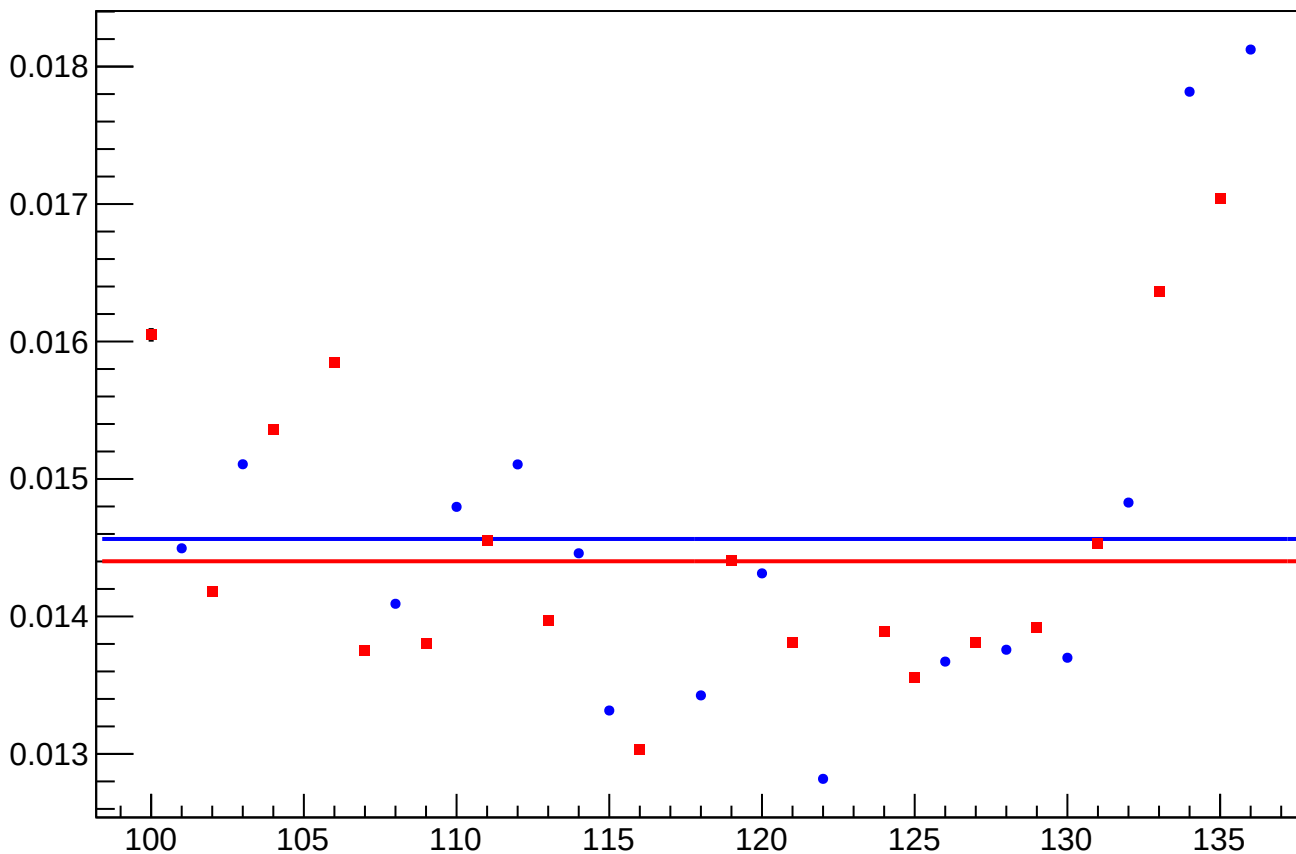
Right: 0.401+/-0.000 χ^2/NDF : 13831928486.3/33

In: 0.395+/-0.000 χ^2/NDF : 7412548044.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.401+/-0.000 χ^2/NDF : 13831928486.3/33

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 : 63419.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

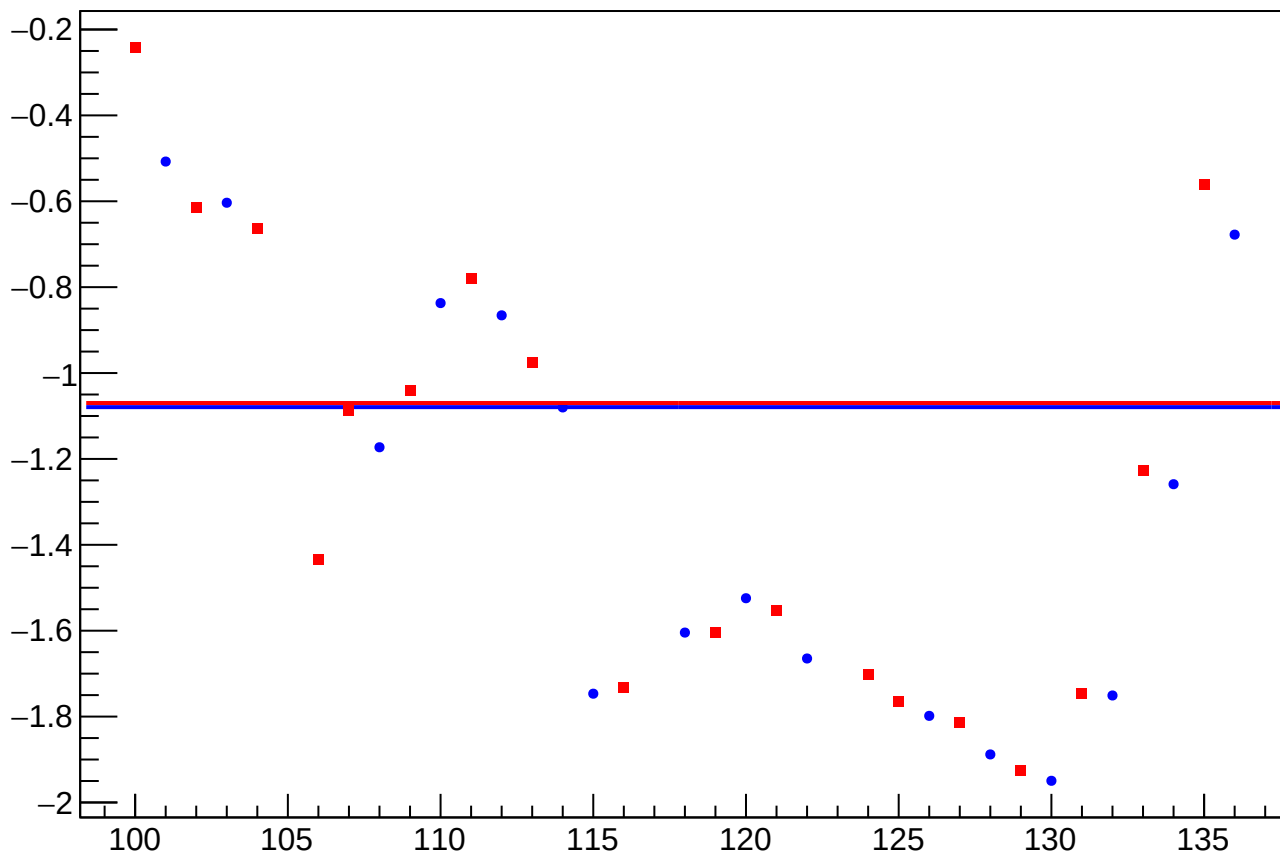
Right: 0.014+/-0.000 χ^2/NDF : 197442.8/33

In: 0.015+/-0.000 χ^2/NDF : 133134.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 197442.8/33

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: -1.070+/-0.000 χ^2/NDF : 49322978030.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

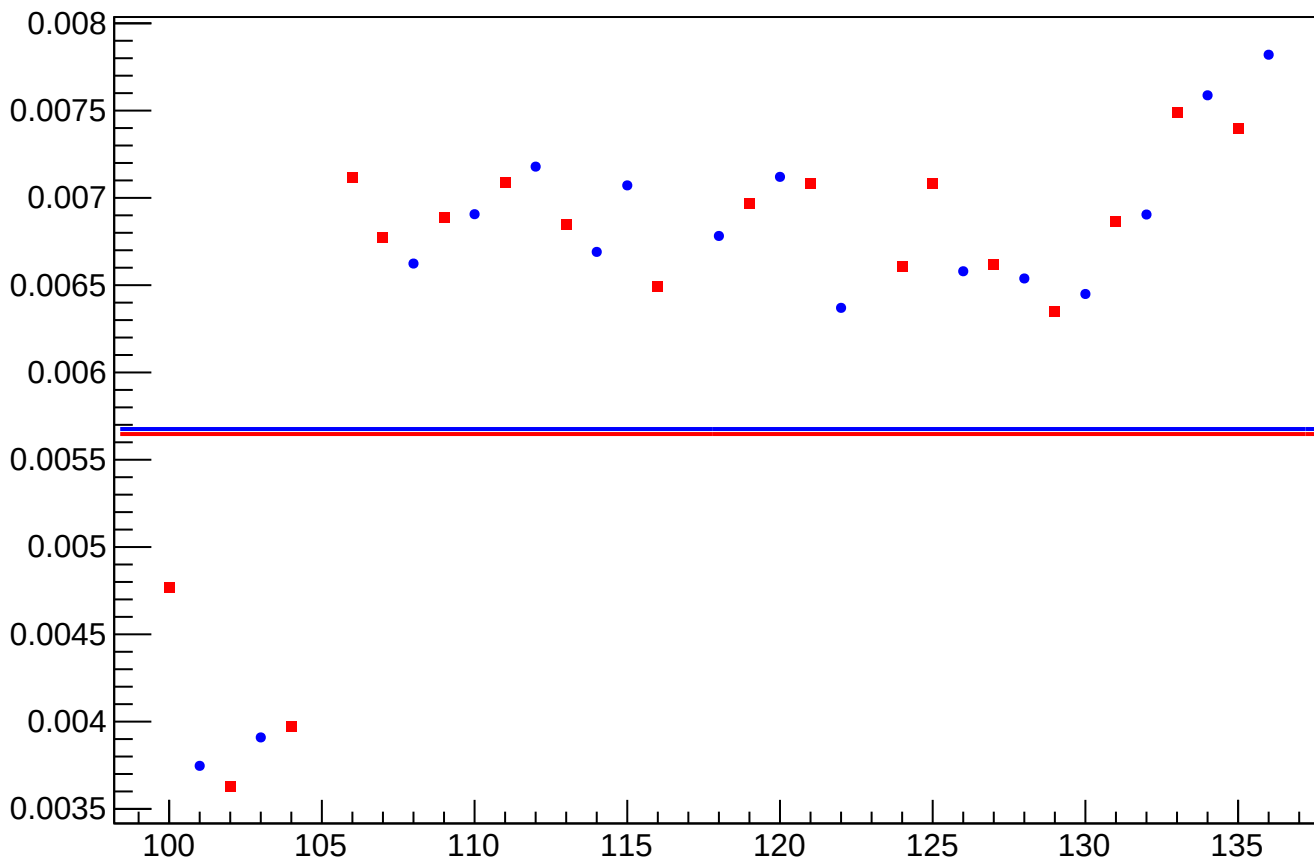
Right: -1.075+/-0.000 χ^2/NDF : 109088632990.1/33

In: -1.079+/-0.000 χ^2/NDF :59756571764.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.075+/-0.000 χ^2/NDF : 109088632990.1

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 : 951537.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

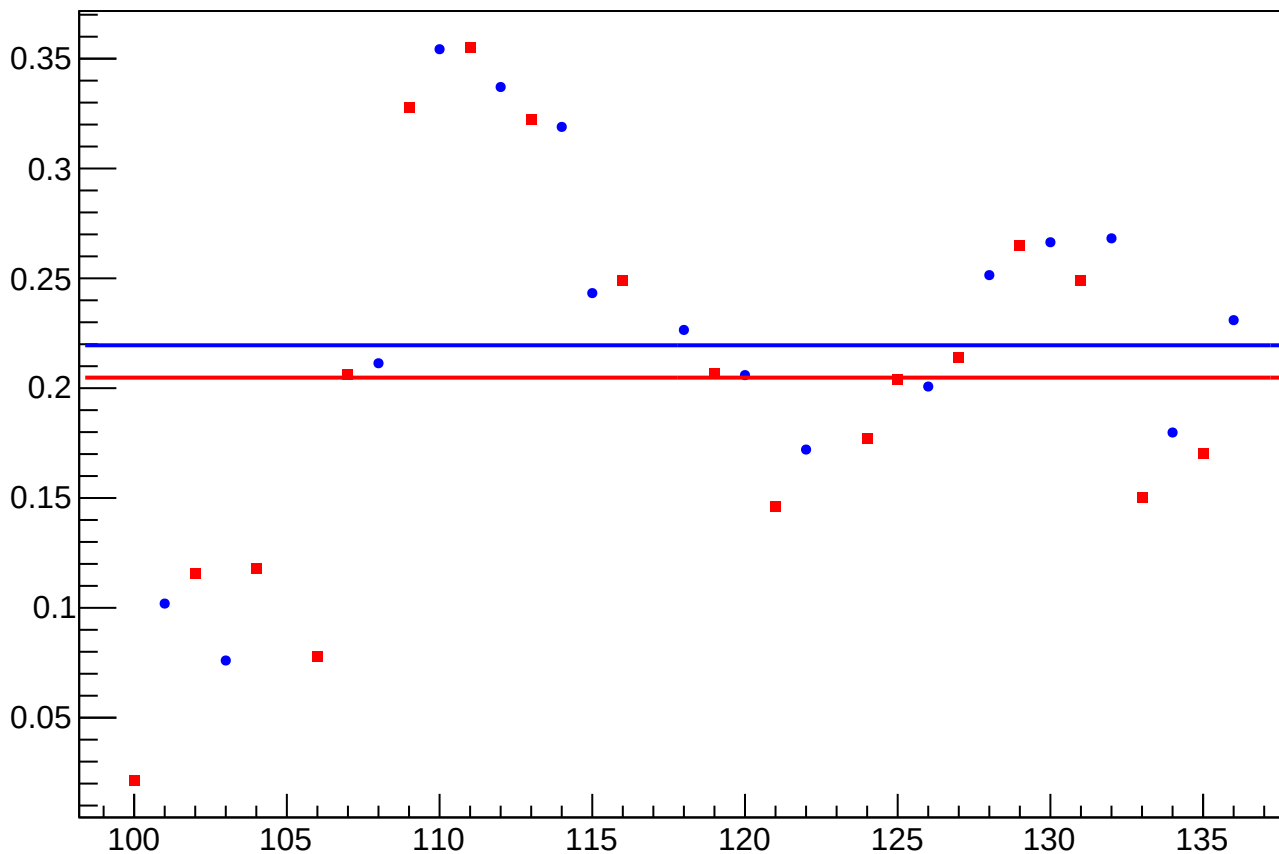
Right: 0.006+/-0.000 χ^2/NDF : 1896523.3/33

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 : 1896523.3/33

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

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.212+/-0.000

χ^2/NDF : 39423060324.6/33

Right Out: 0.205+/-0.000

χ^2/NDF : 22303527691.4/17

In: 0.220+/-0.000

χ^2/NDF : 16729743257.8/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

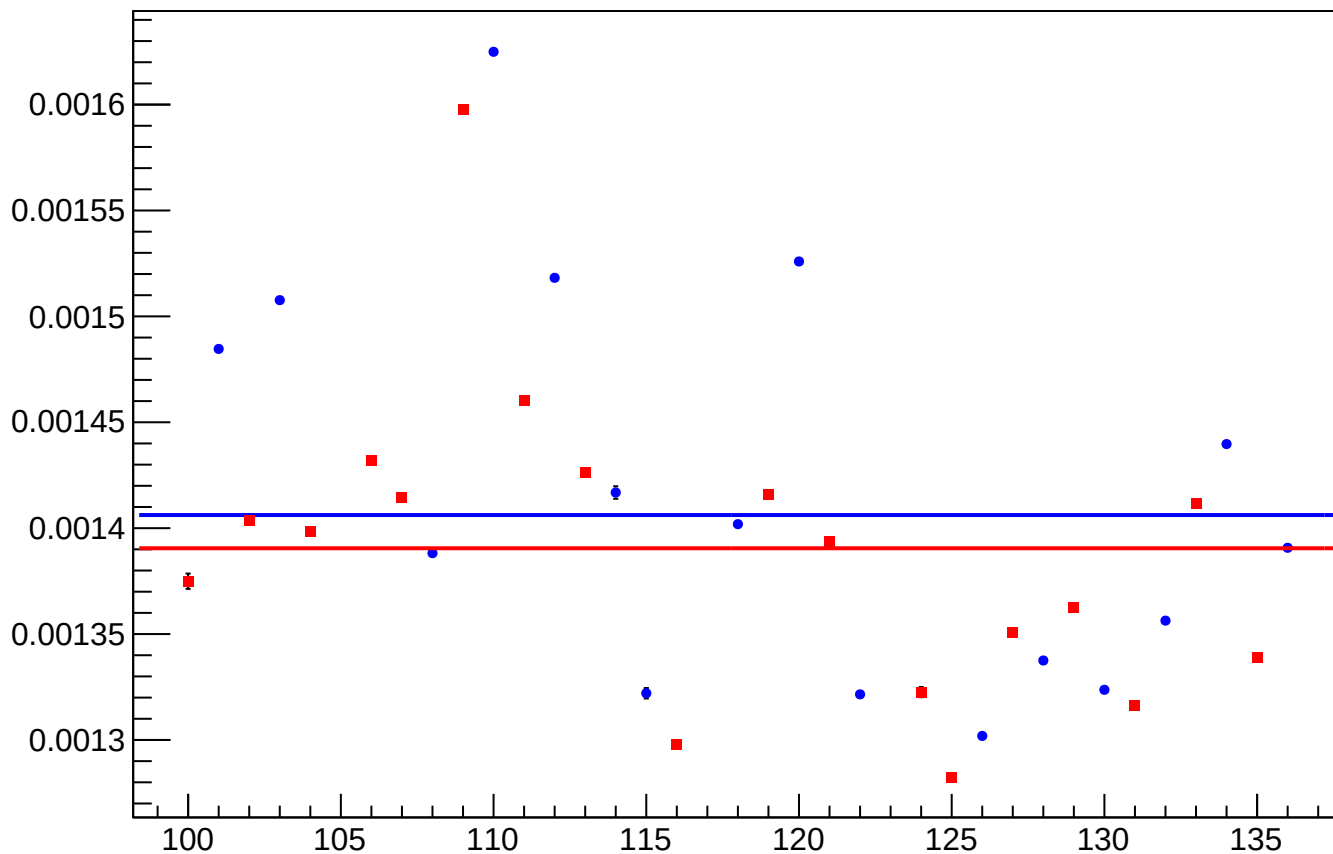
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.212+/-0.000

χ^2/NDF : 39423060324.6/33

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 : 34731.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

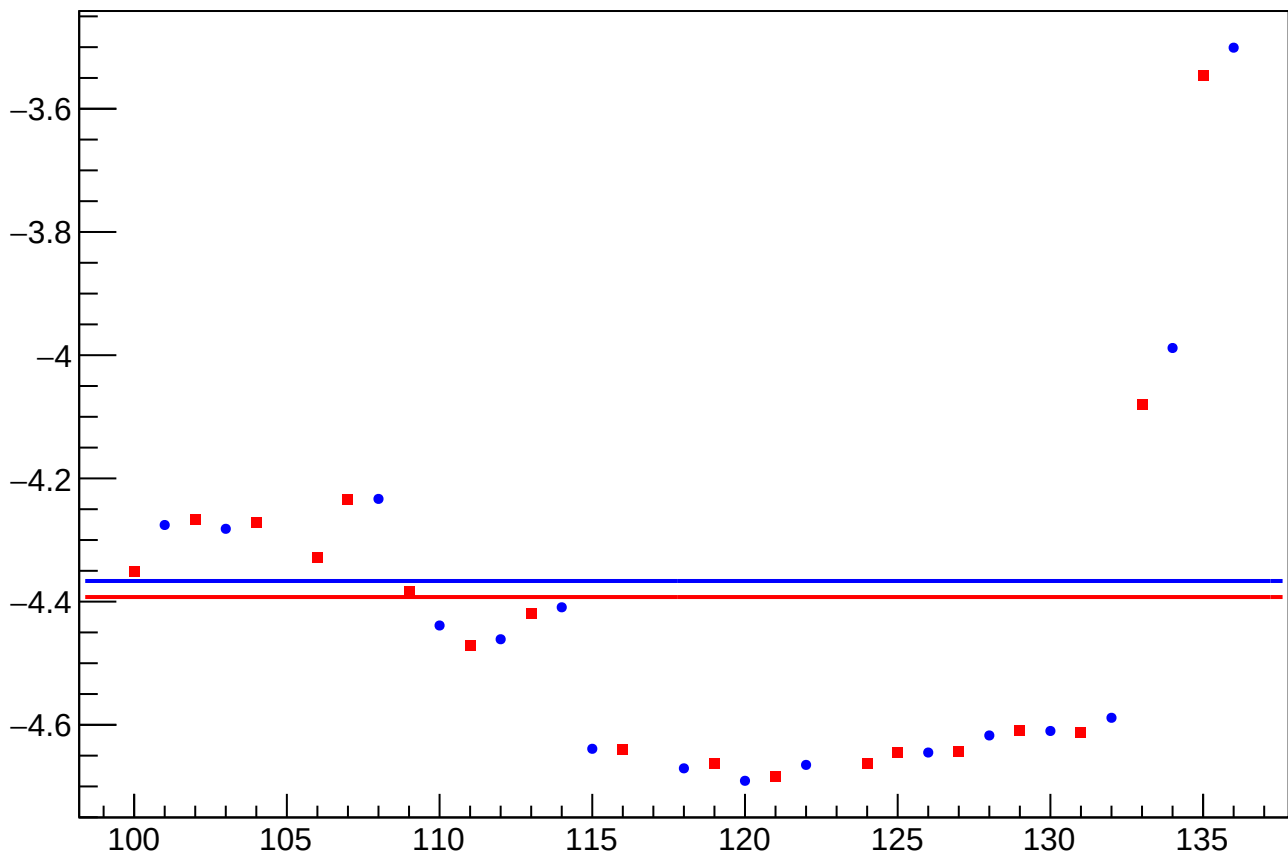
Right: 0.001+/-0.000 χ^2/NDF : 83817.9/33

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 : 83817.9/33

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: -4.393+/-0.000 χ^2/NDF : 243301766186.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

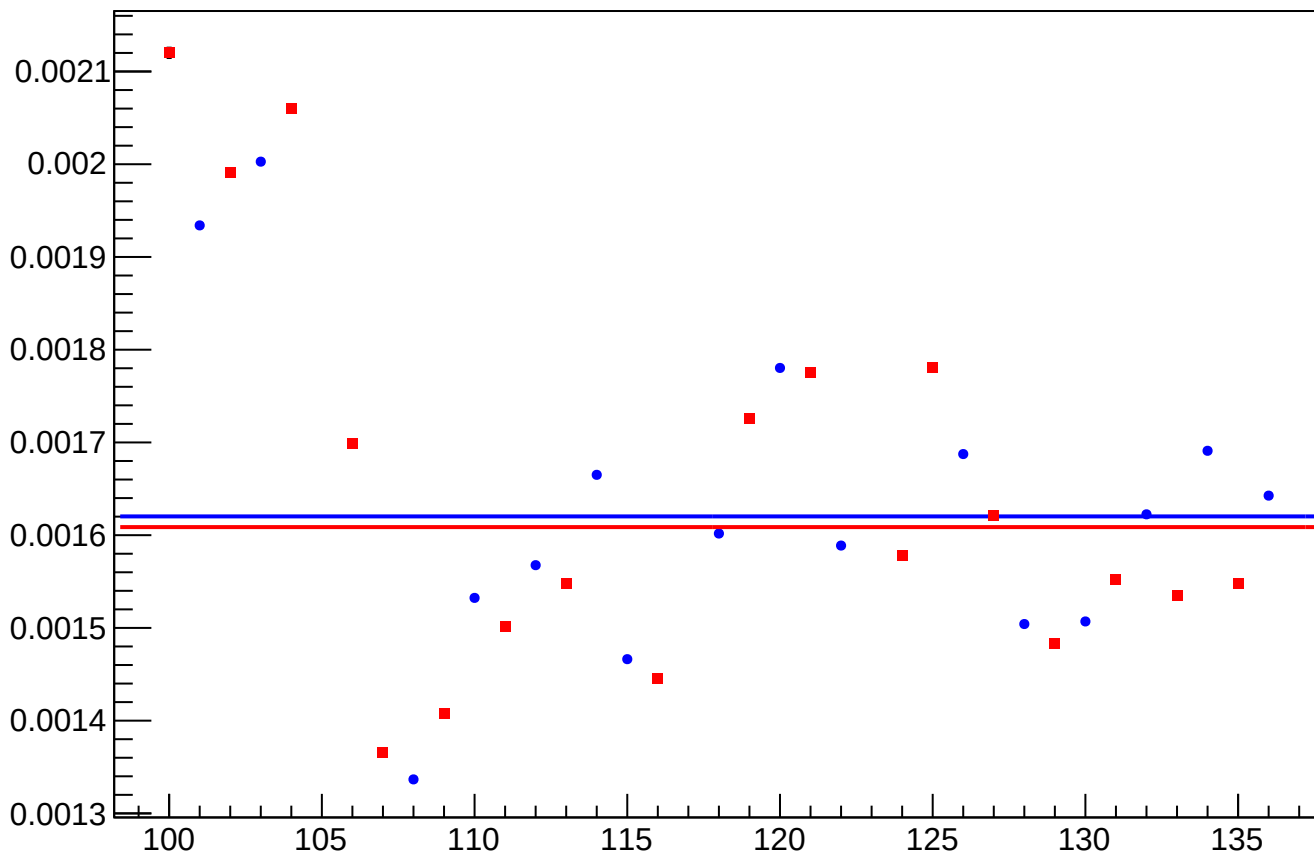
Right: -4.380+/-0.000 χ^2/NDF : 597213237361.7/33

In: -4.367+/-0.000 χ^2/NDF : 353013303743.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.380+/-0.000 χ^2/NDF : 597213237361.7

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 : 184813.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

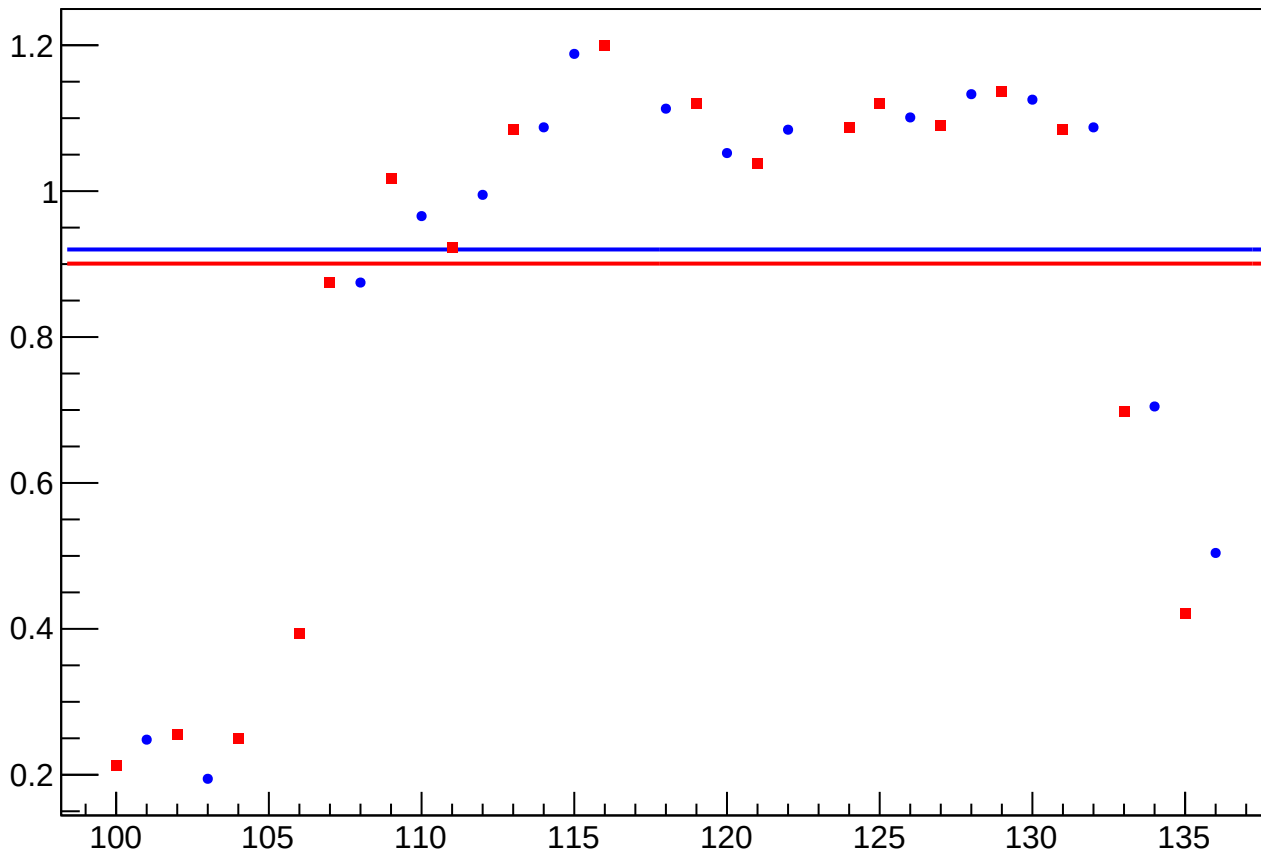
Right: 0.002+/-0.000 χ^2/NDF : 325381.8/33

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 : 325381.8/33

yield_bpm2i02X_mean vs Slug, Sign Corrected



Right In: 0.920+/-0.000

χ^2/NDF : 14566431727.4/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.910+/-0.000

χ^2/NDF : 31589177286.1/33

Right Out: 0.901+/-0.000

χ^2/NDF : 16988333496.4/17

In: 0.920+/-0.000

χ^2/NDF : 14566431727.4/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

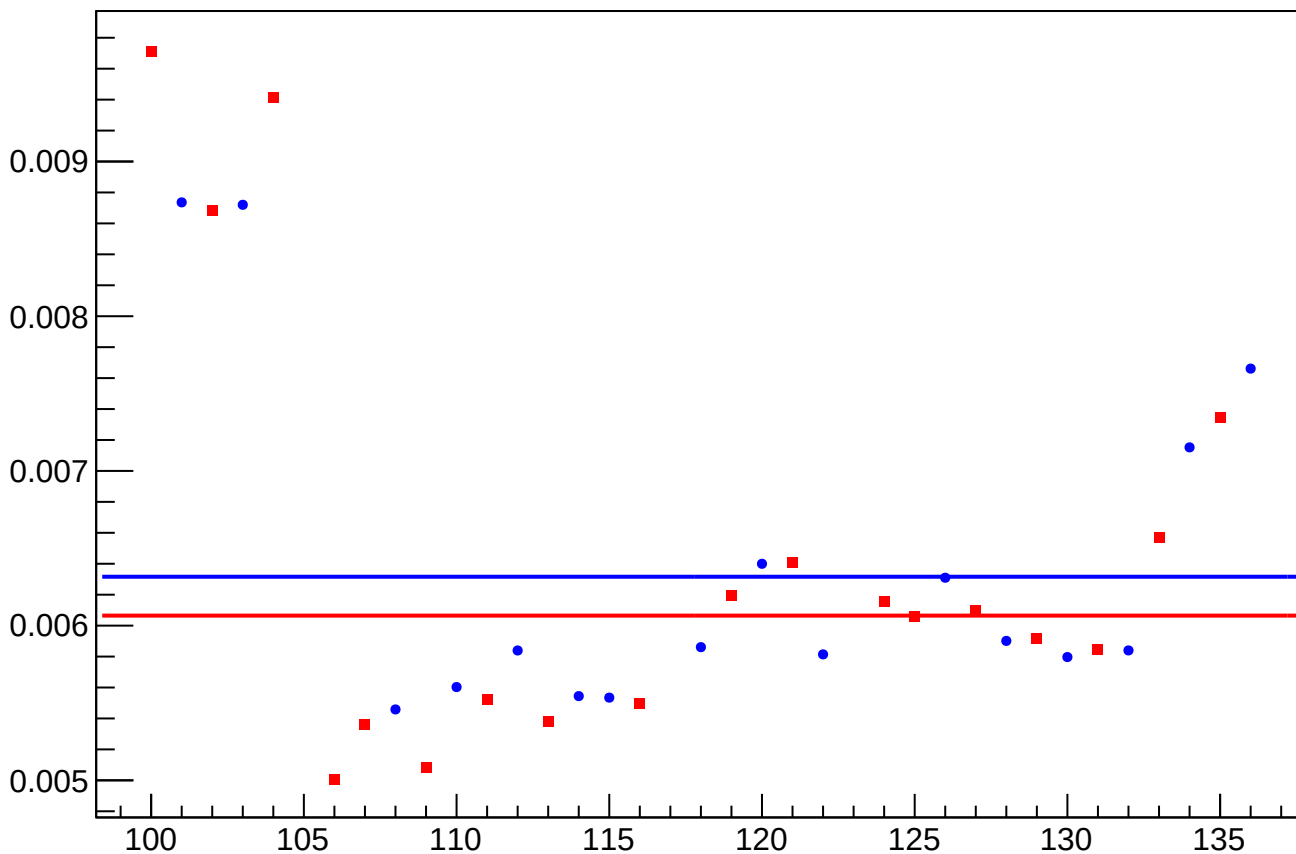
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.910+/-0.000

χ^2/NDF : 31589177286.1/33

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 : 417813.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

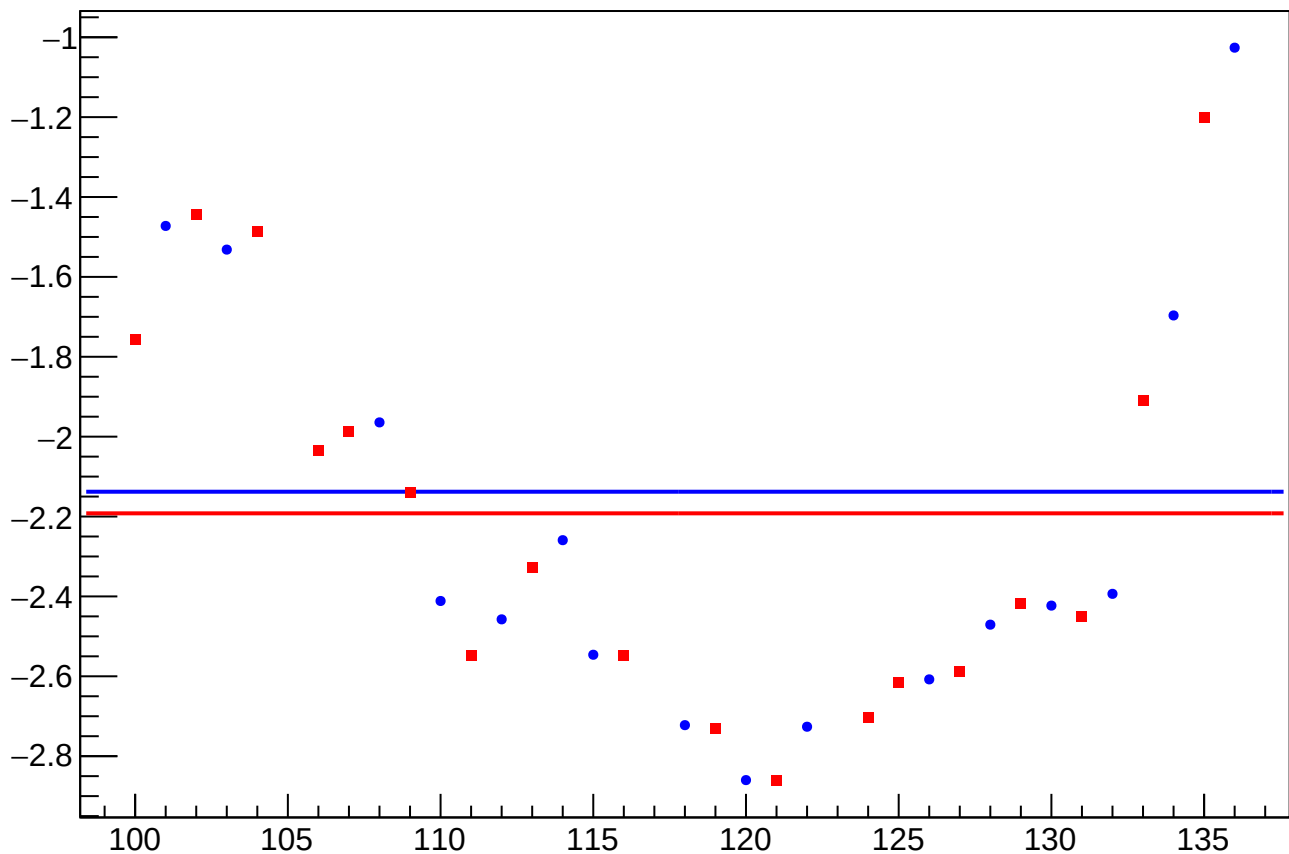
Right: 0.006+/-0.000 χ^2/NDF : 765114.8/33

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 : 765114.8/33

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: -2.192+/-0.000 χ^2/NDF : 51938693360.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

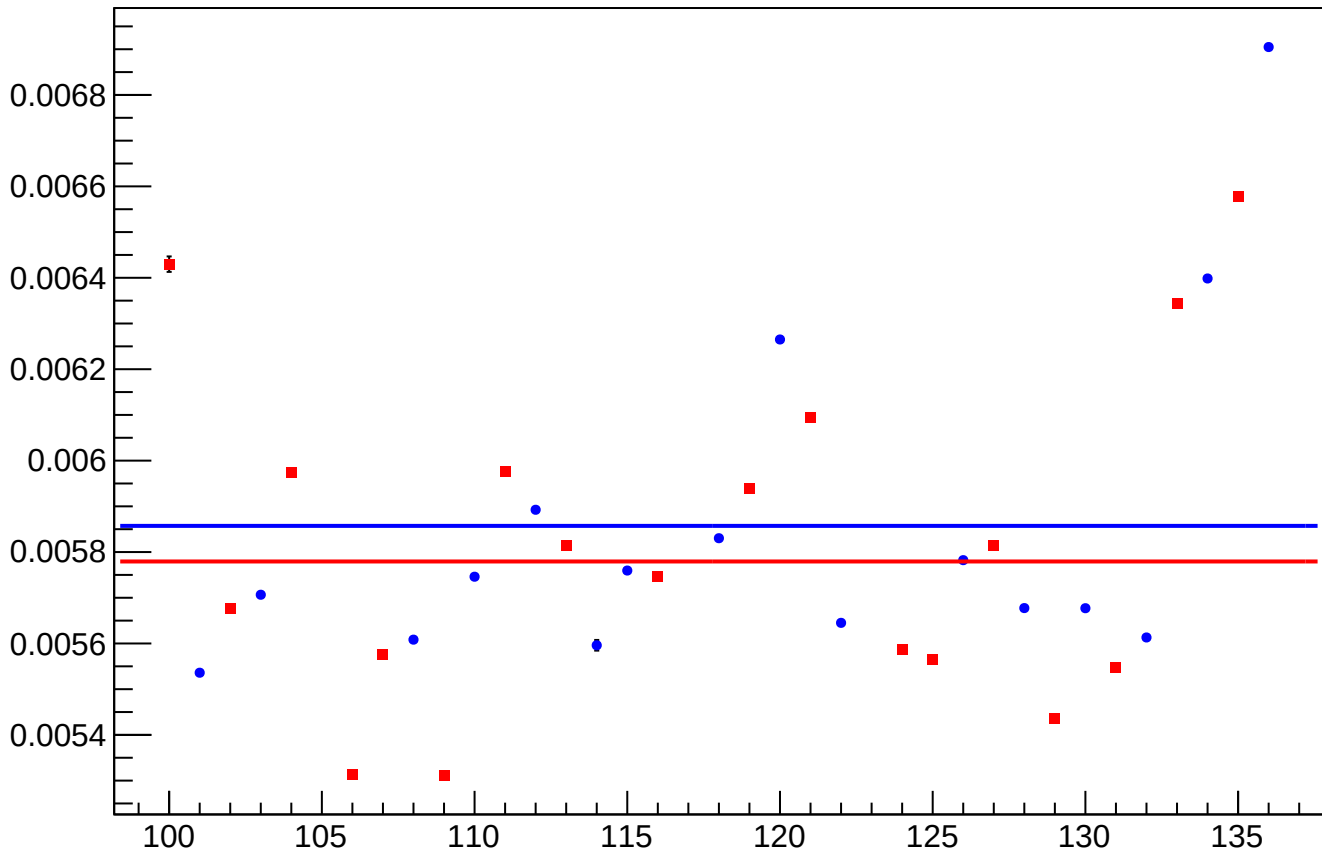
Right: -2.165+/-0.000 χ^2/NDF : 117917793677.0/33

In: -2.138+/-0.000 χ^2/NDF :65666622158.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.165+/-0.000 χ^2/NDF : 117917793677.0

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 : 49498.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

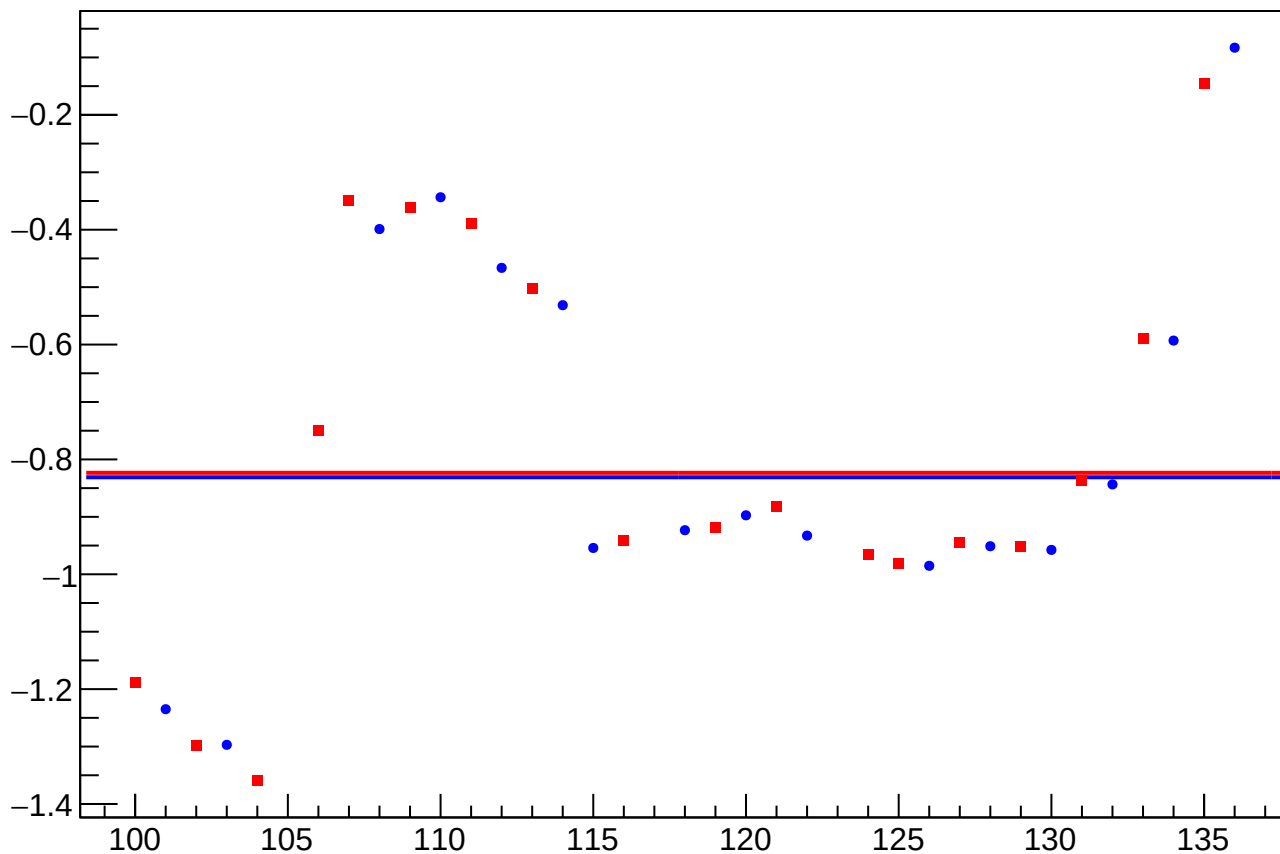
Right: 0.006+/-0.000 χ^2/NDF : 112739.3/33

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 : 112739.3/33

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: -0.823+/-0.000 χ^2/NDF : 7447939005.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

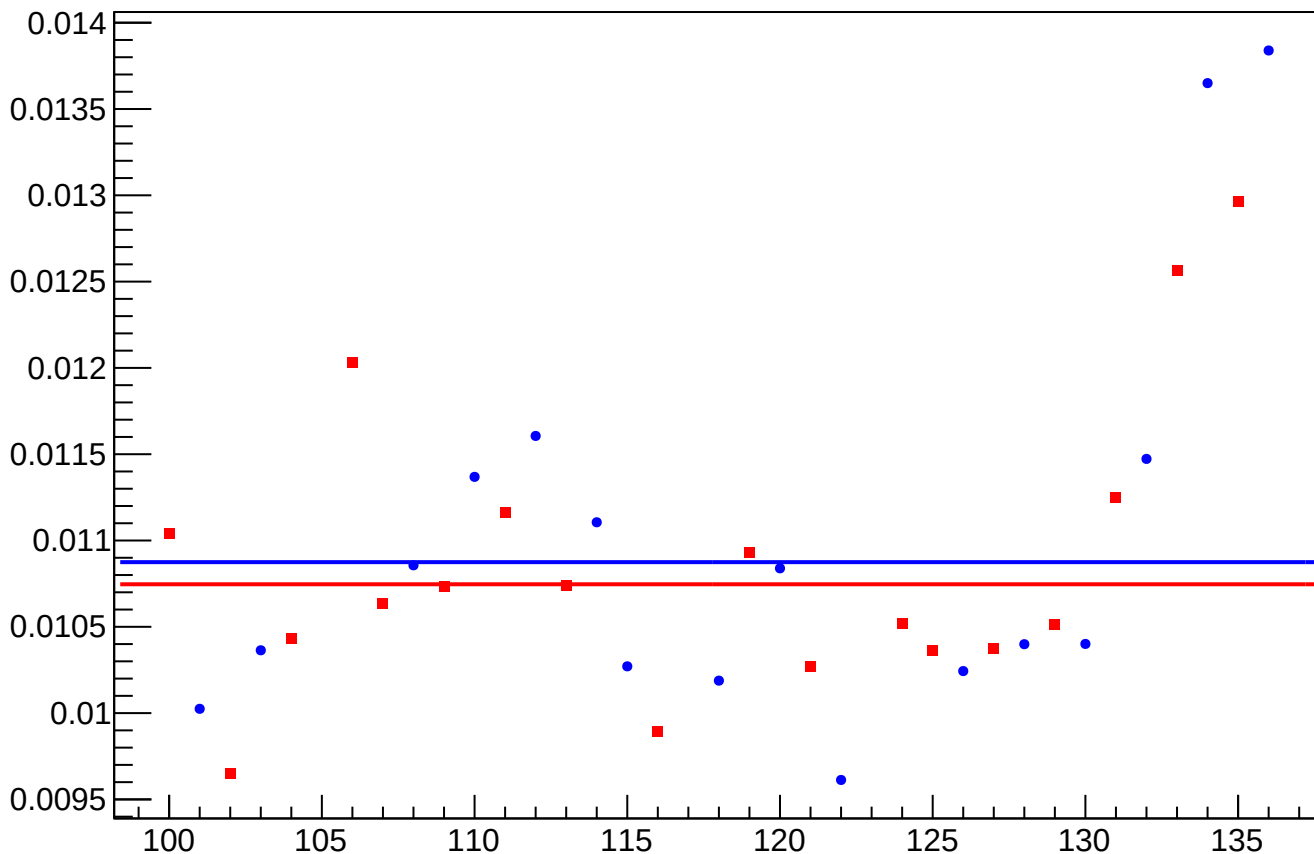
Right: -0.827+/-0.000 χ^2/NDF : 14562040646.8/33

In: -0.831+/-0.000 χ^2/NDF :7112259663.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.827+/-0.000 χ^2/NDF : 14562040646.8/33

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 : 81836.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

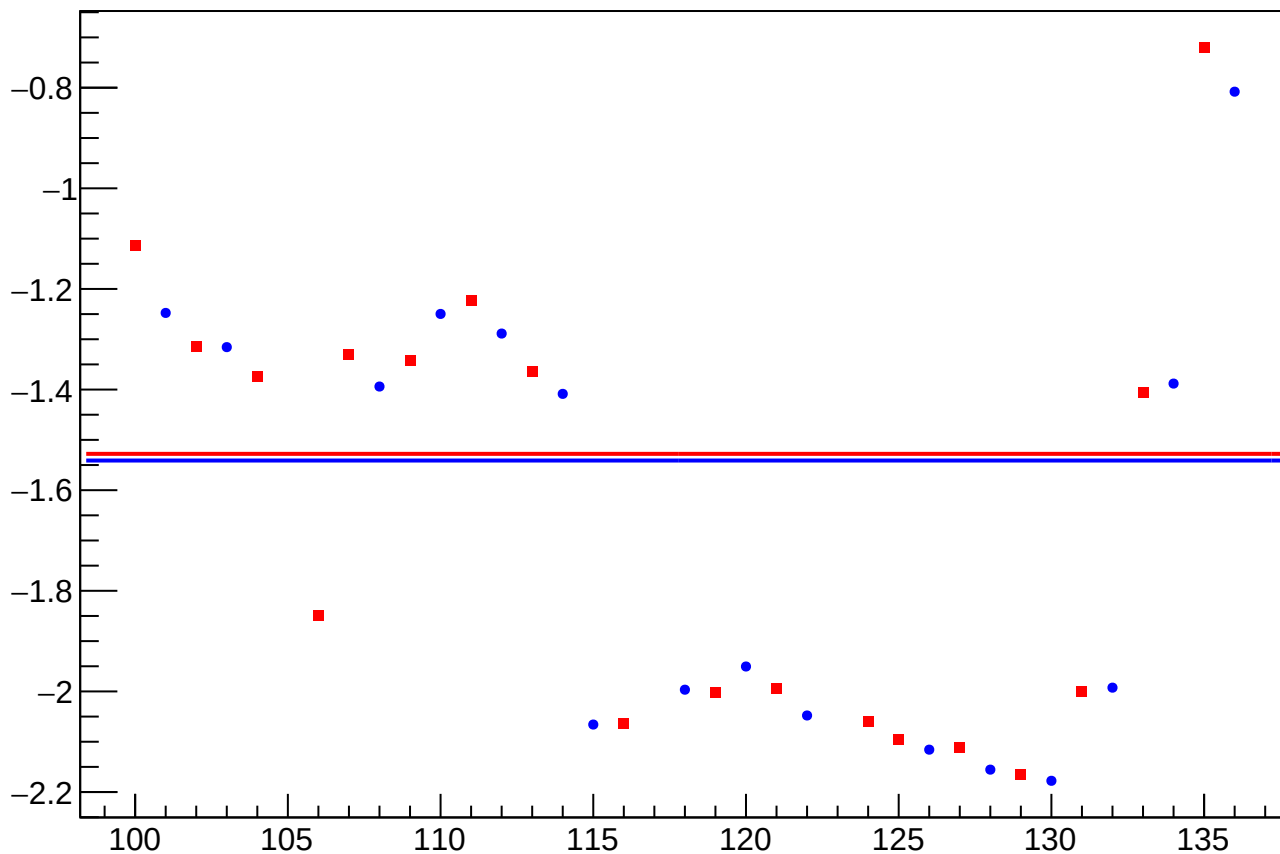
Right: 0.011+/-0.000 χ^2/NDF : 240438.6/33

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 : 240438.6/33

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: -1.528+/-0.000 χ^2/NDF : 138267807225.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

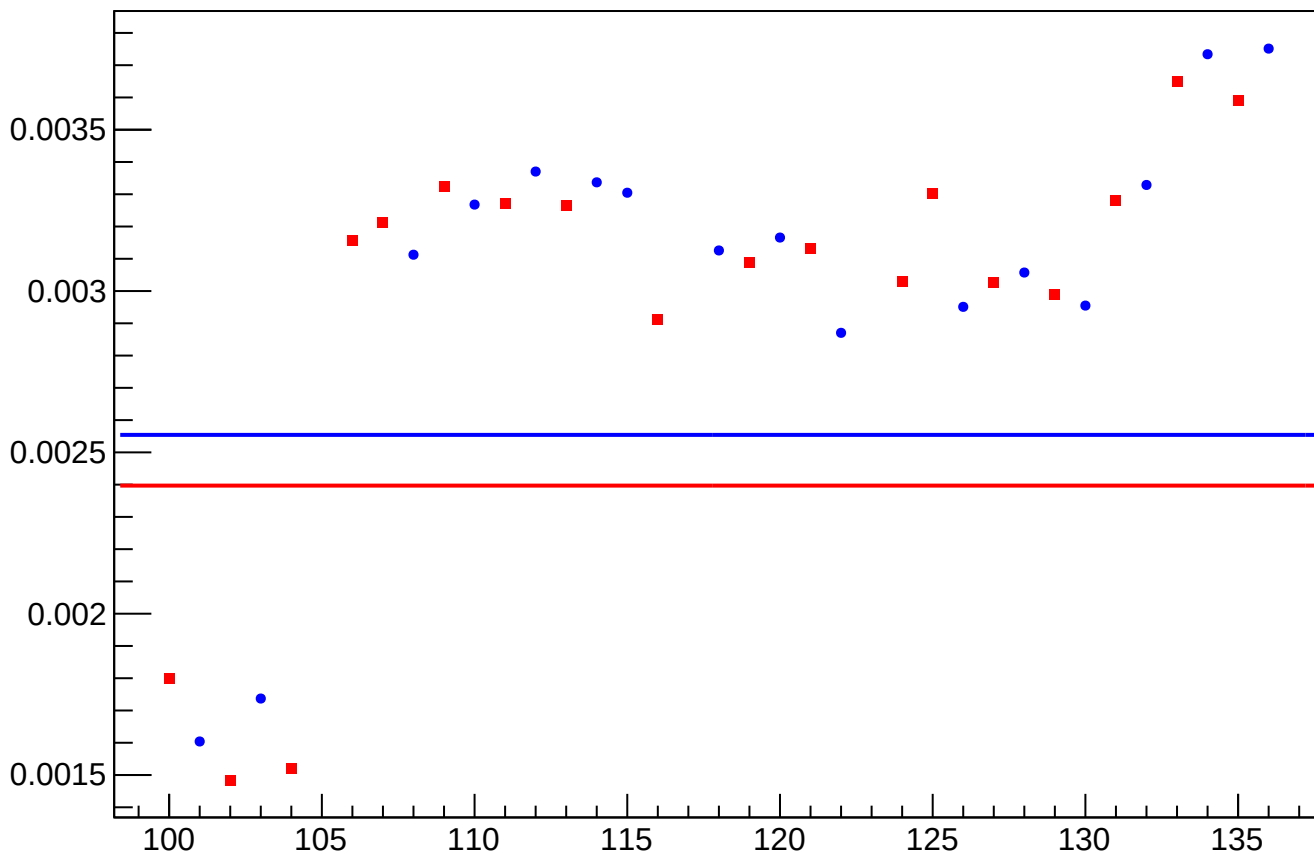
Right: -1.534+/-0.000 χ^2/NDF : 300762229342.5/33

In: -1.541+/-0.000 χ^2/NDF : 162409397922.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.534+/-0.000 χ^2/NDF : 300762229342.5/33

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 : 1501971.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.002+/-0.000

χ^2/NDF : 2698250.5/33

In: 0.003+/-0.000

χ^2/NDF : 1172434.9/15

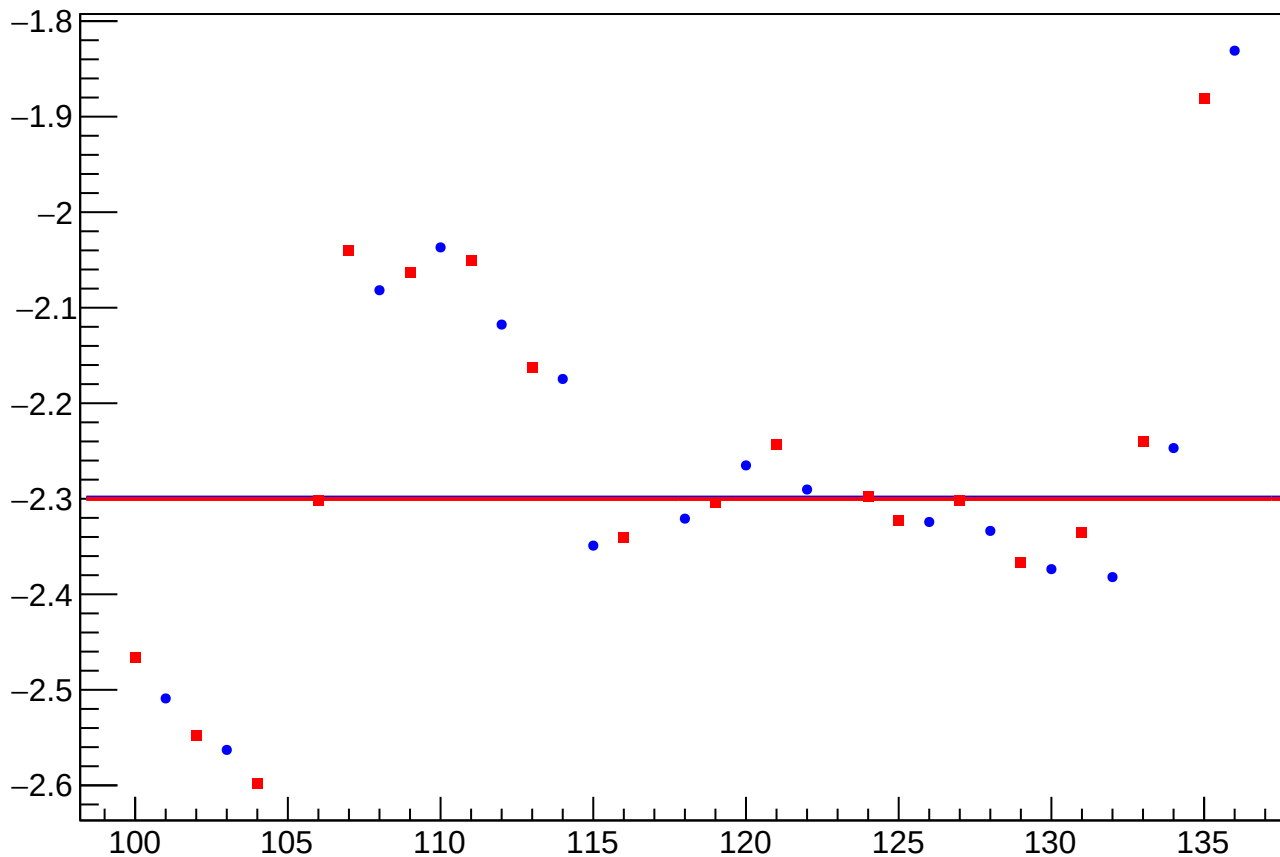
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 2698250.5/33

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: -2.300+/-0.000 χ^2/NDF : 6042597057.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

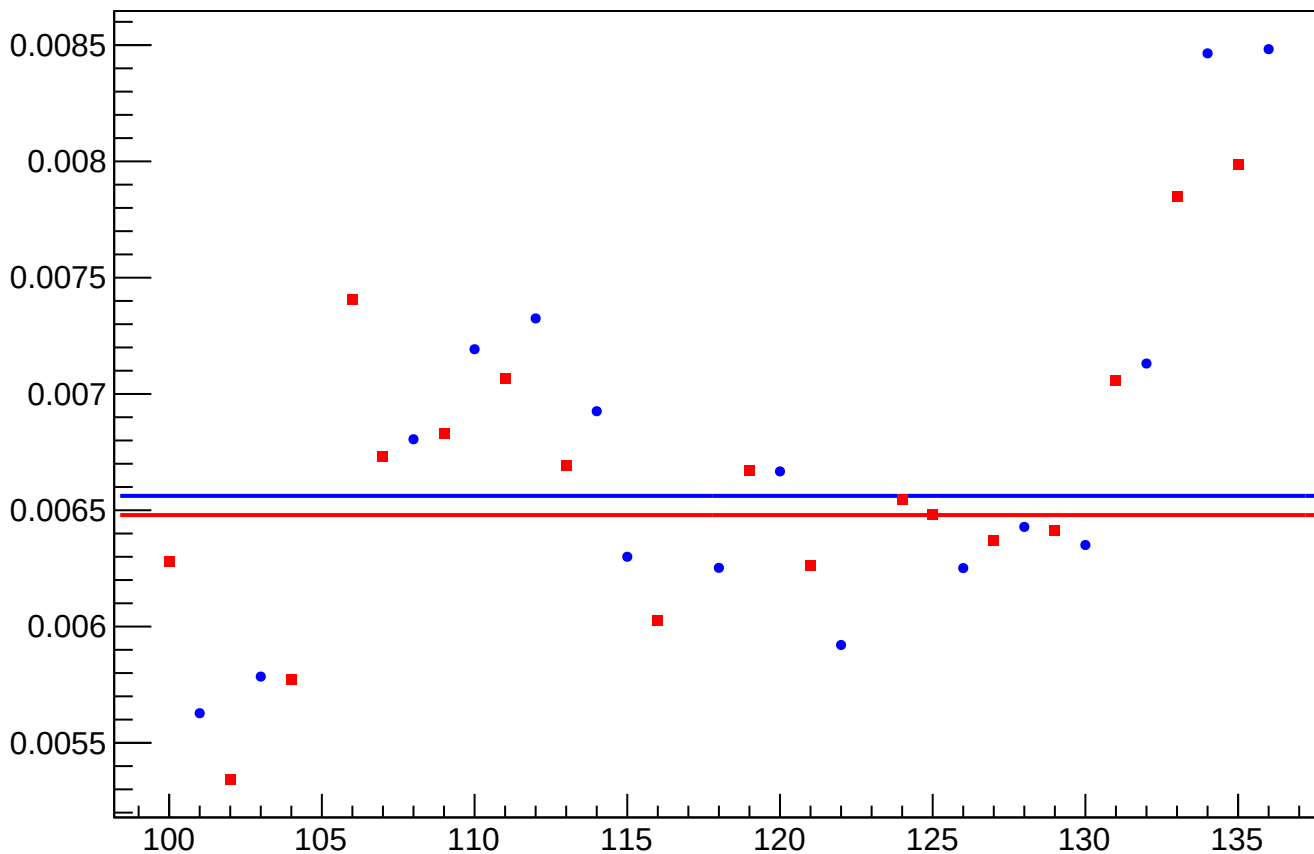
Right: -2.299+/-0.000 χ^2/NDF : 12171833621.9/33

In: -2.299+/-0.000 χ^2/NDF :6129071089.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -2.299+/-0.000 χ^2/NDF : 12171833621.9/33

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: 0.006+/-0.000 χ^2/NDF : 163613.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

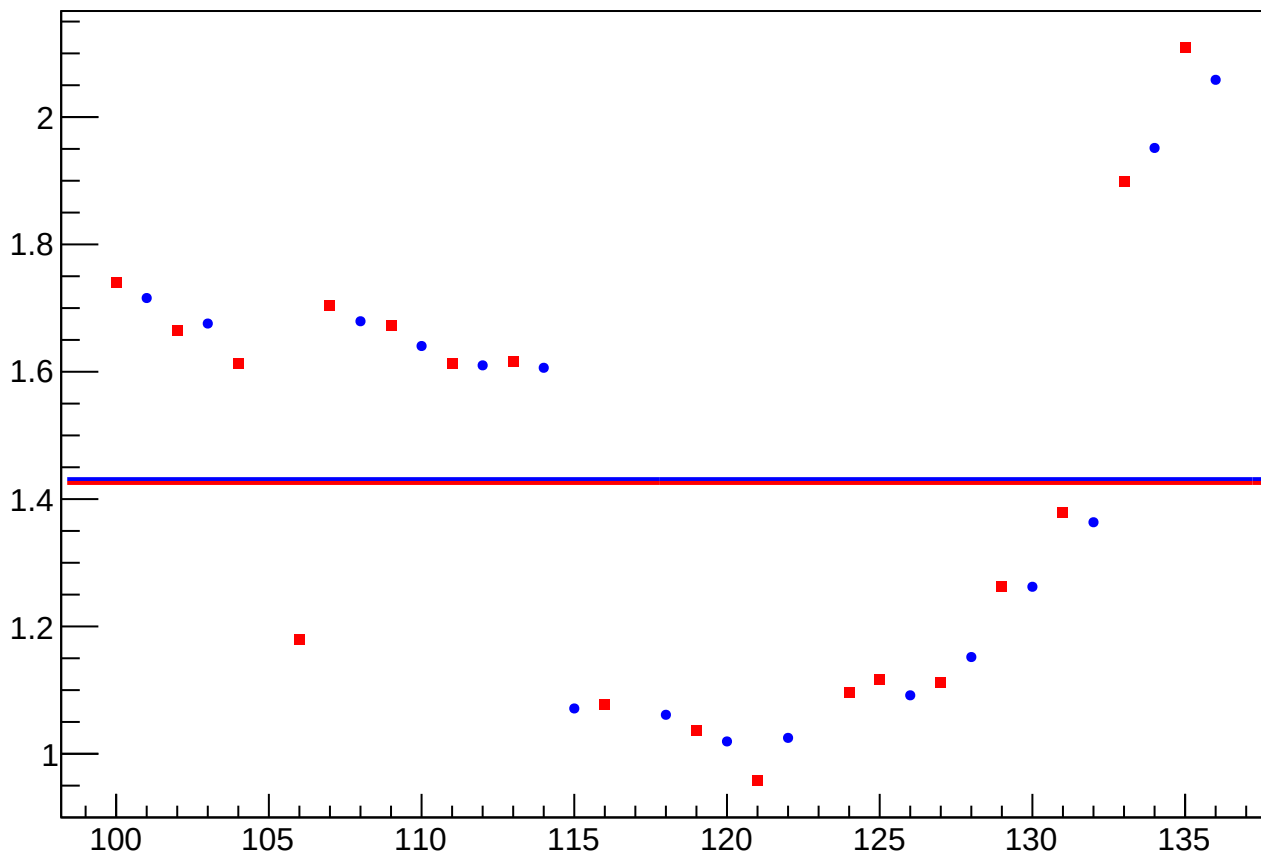
Right: 0.007+/-0.000 χ^2/NDF : 386609.4/33

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 : 386609.4/33

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: 1.425+/-0.000 χ^2/NDF : 170582477730.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

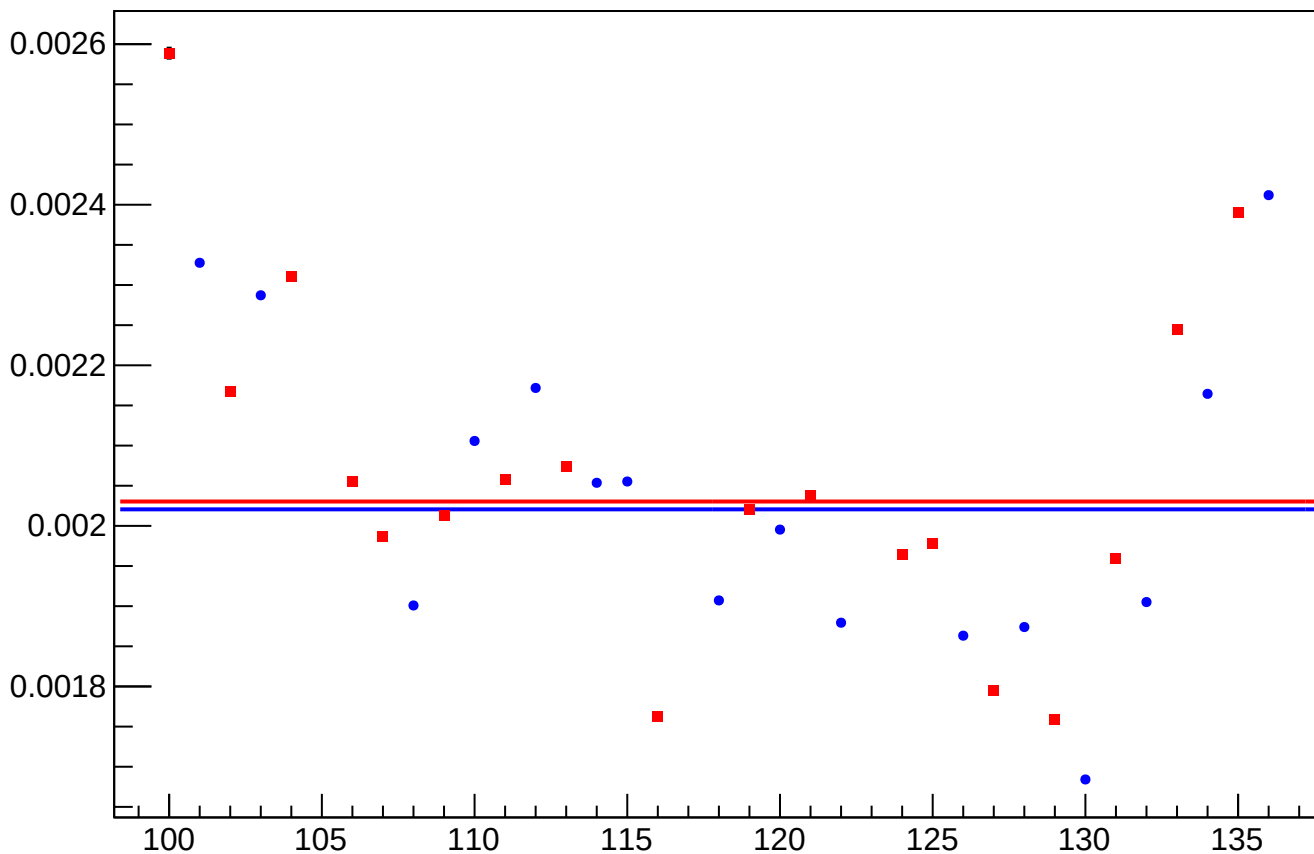
Right: 1.428+/-0.000 χ^2/NDF : 359792018840.5/33

In: 1.431+/-0.000 χ^2/NDF : 189180734956.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.428+/-0.000 χ^2/NDF : 359792018840.5

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 : 105125.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

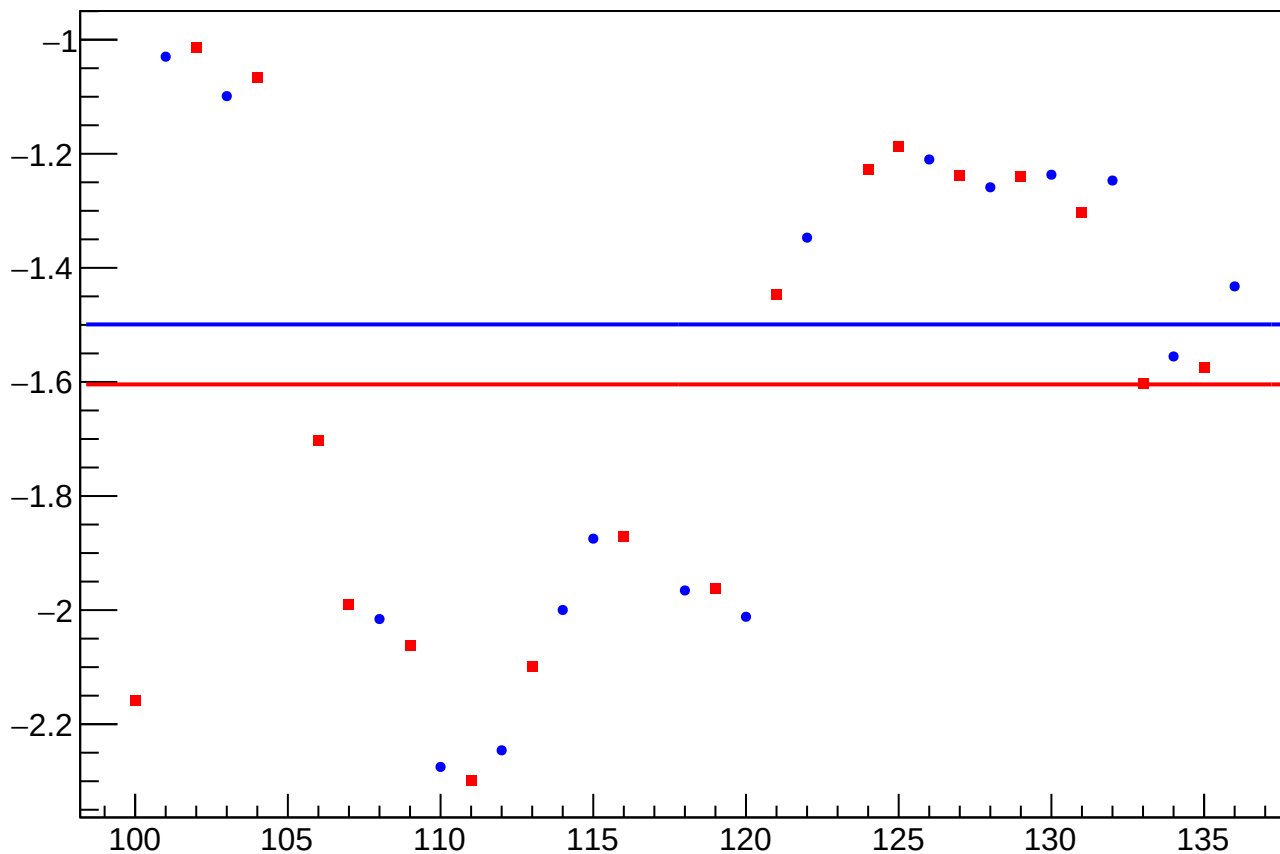
Right: 0.002+/-0.000 χ^2/NDF : 260202.1/33

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 : 260202.1/33

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: -1.604+/-0.000 χ^2/NDF : 28270536359.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

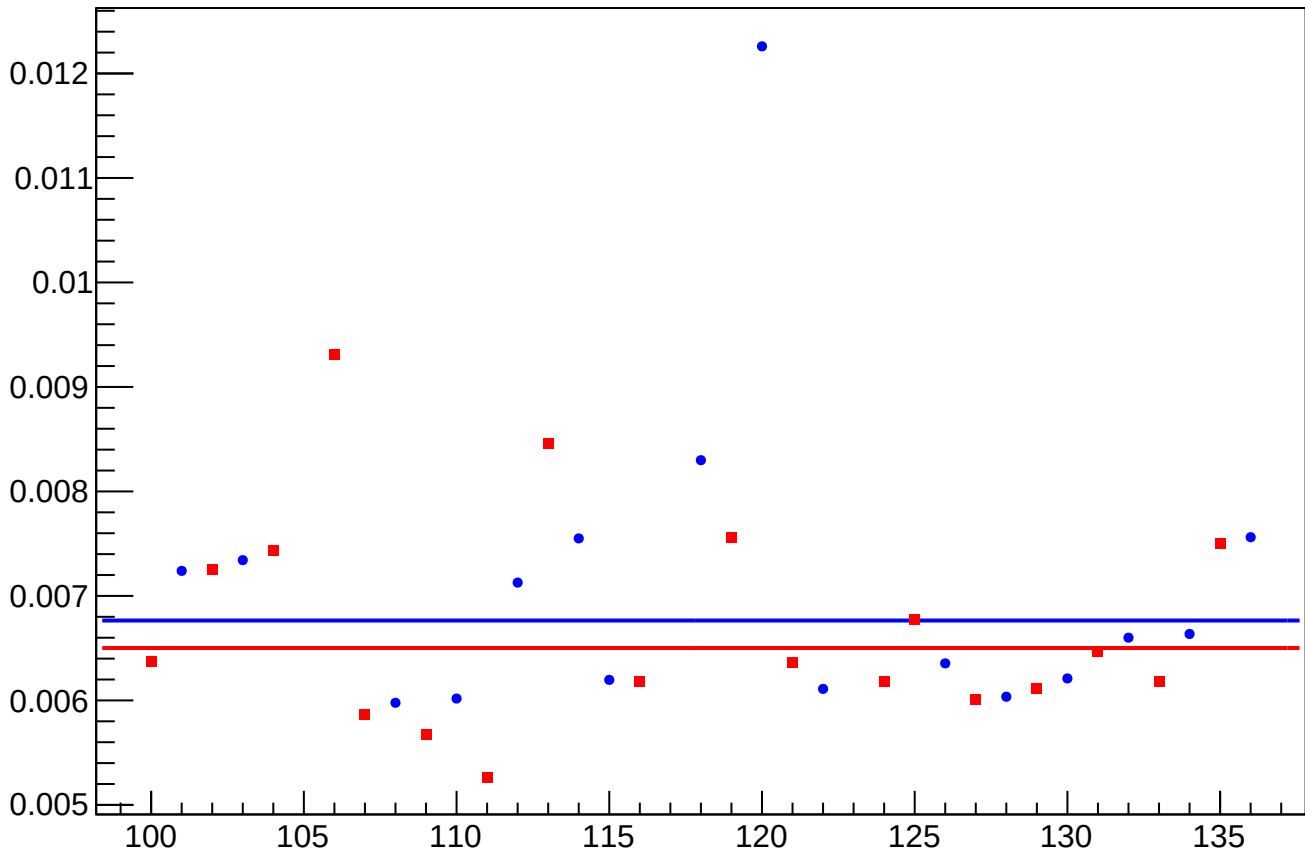
Right: -1.555+/-0.000 χ^2/NDF : 52028293420.3/33

In: -1.499+/-0.000 χ^2/NDF :22930357522.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.555+/-0.000 χ^2/NDF : 52028293420.3/33

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 : 241191.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

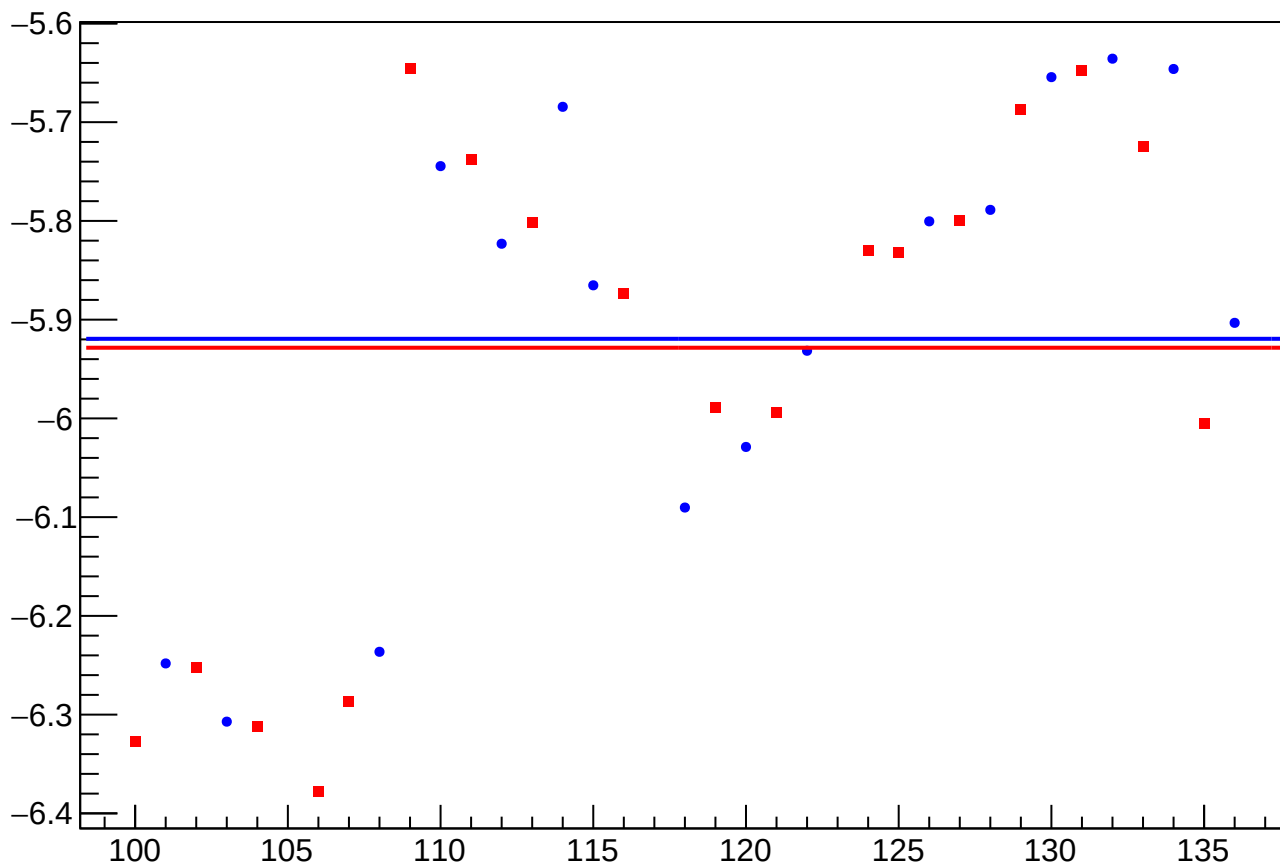
Right: 0.007+/-0.000 χ^2/NDF : 490109.8/33

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 : 490109.8/33

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 : 12639978898.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

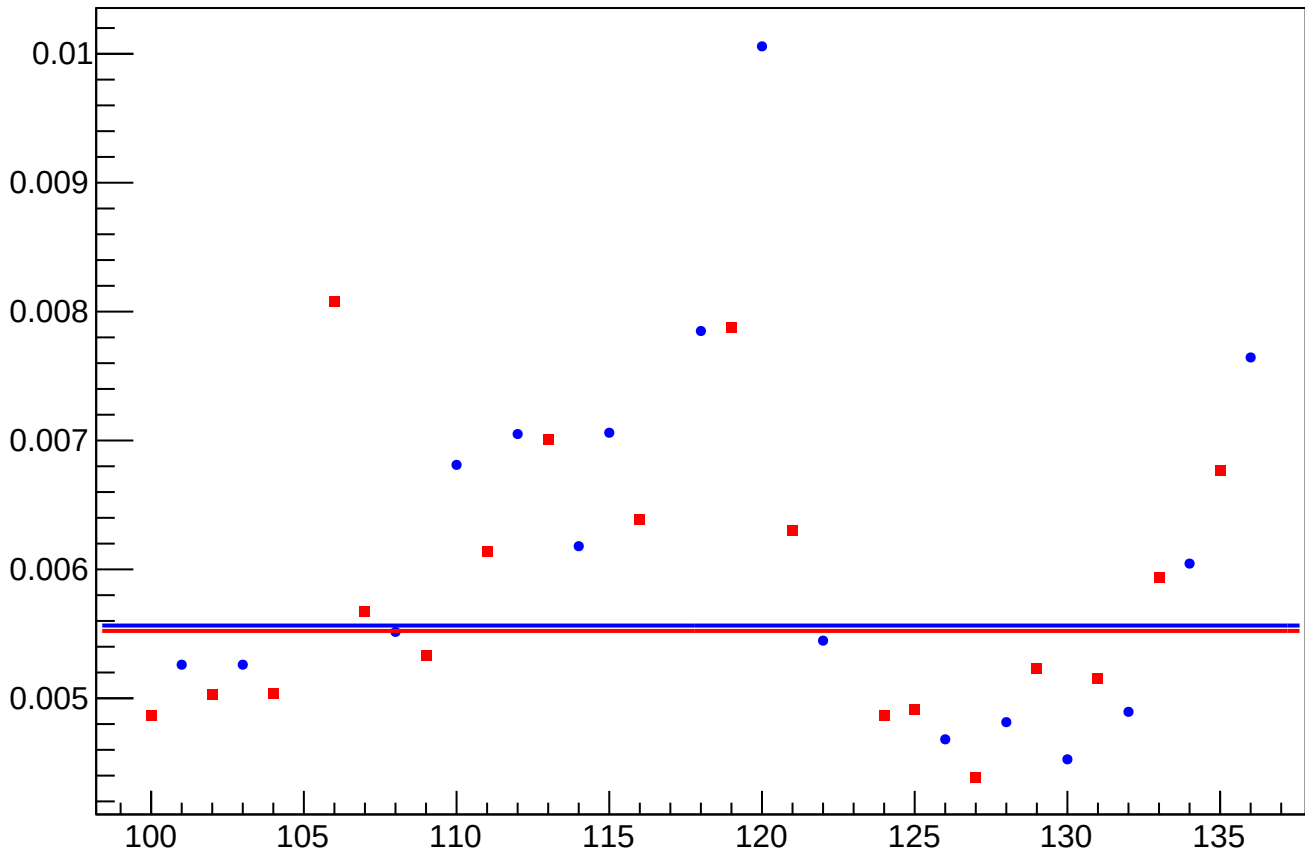
Right: -5.924+/-0.000 χ^2/NDF : 24390709652.4/33

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 : 24390709652.4/33

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 : 333741.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

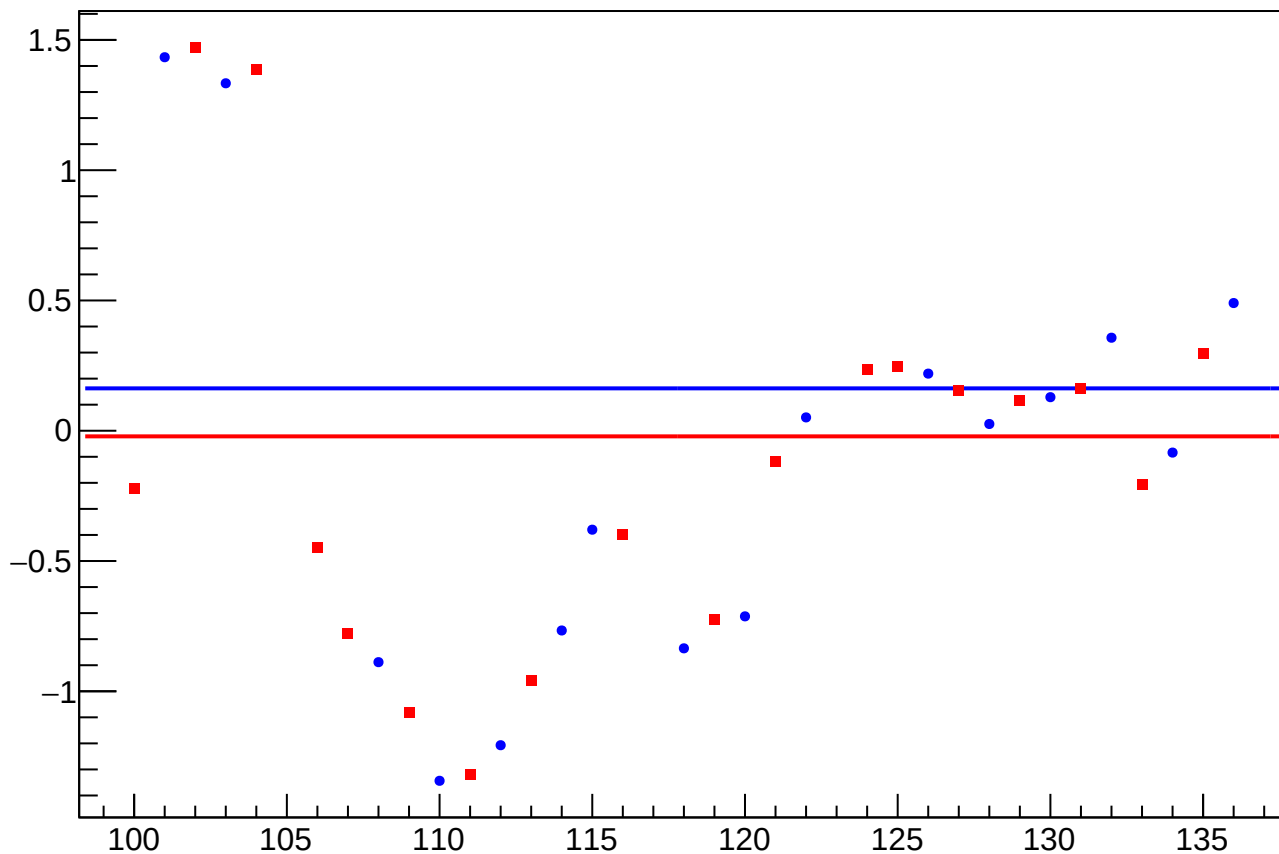
Right: 0.006+/-0.000 χ^2/NDF : 829644.4/33

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 : 829644.4/33

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: -0.022+/-0.000 χ^2/NDF : 22355509421.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

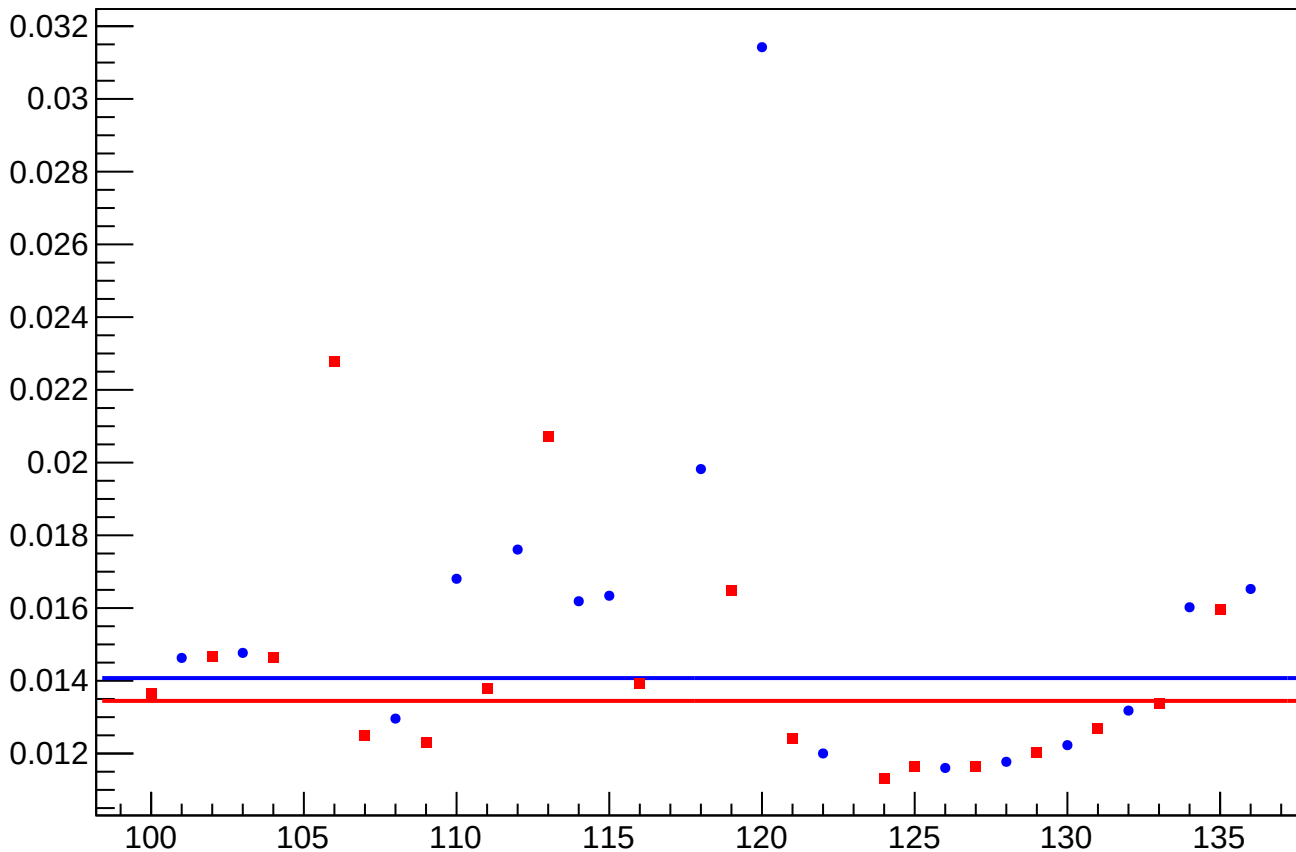
Right: 0.064+/-0.000 χ^2/NDF : 40872093874.3/33

In: 0.163+/-0.000 χ^2/NDF : 17940034444.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.064+/-0.000 χ^2/NDF : 40872093874.3/33

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 : 305547.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

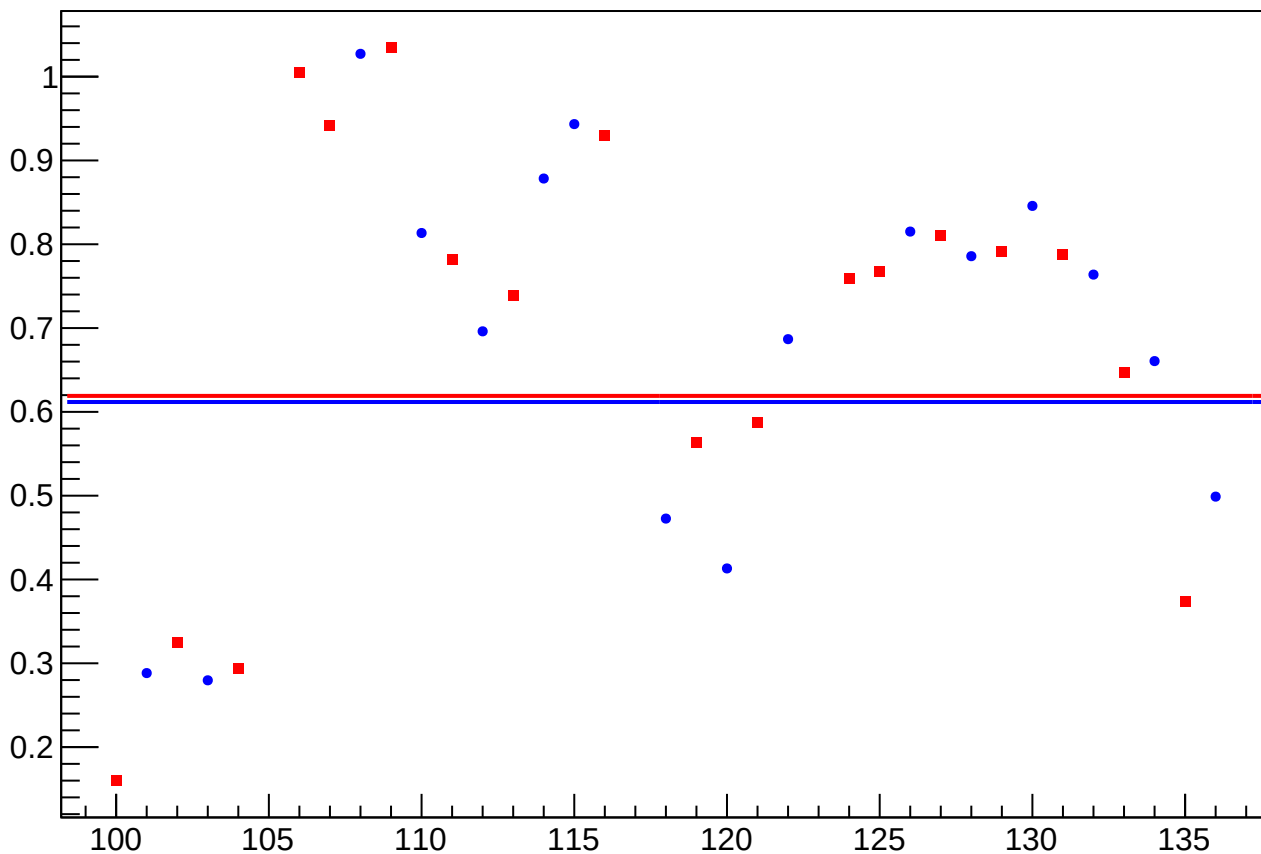
Right: 0.014+/-0.000 χ^2/NDF : 784326.6/33

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 : 784326.6/33

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: 0.619+/-0.000 χ^2/NDF : 6386054330.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

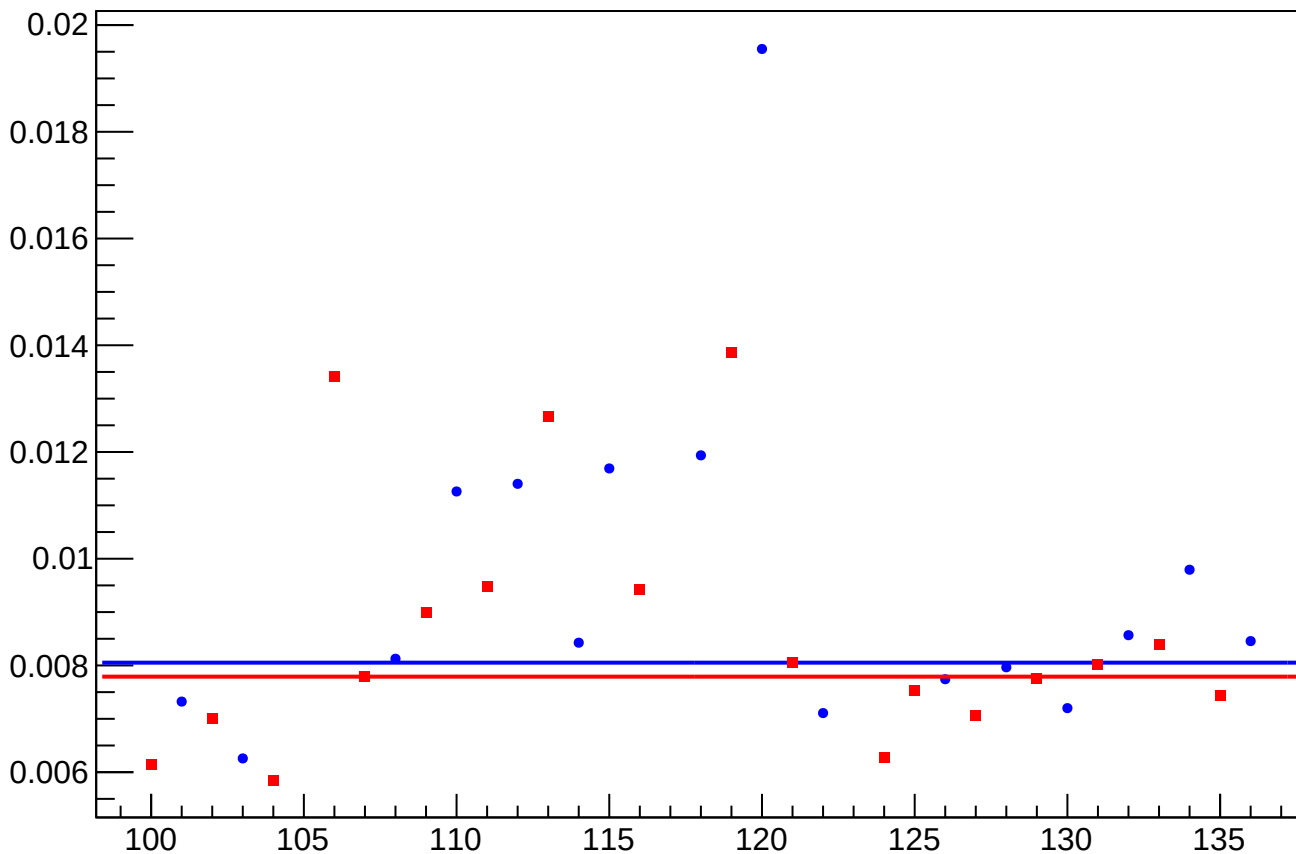
Right: 0.616+/-0.000 χ^2/NDF : 12027691379.1/33

In: 0.612+/-0.000 χ^2/NDF :5639014502.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.616+/-0.000 χ^2/NDF : 12027691379.1/33

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 : 584674.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

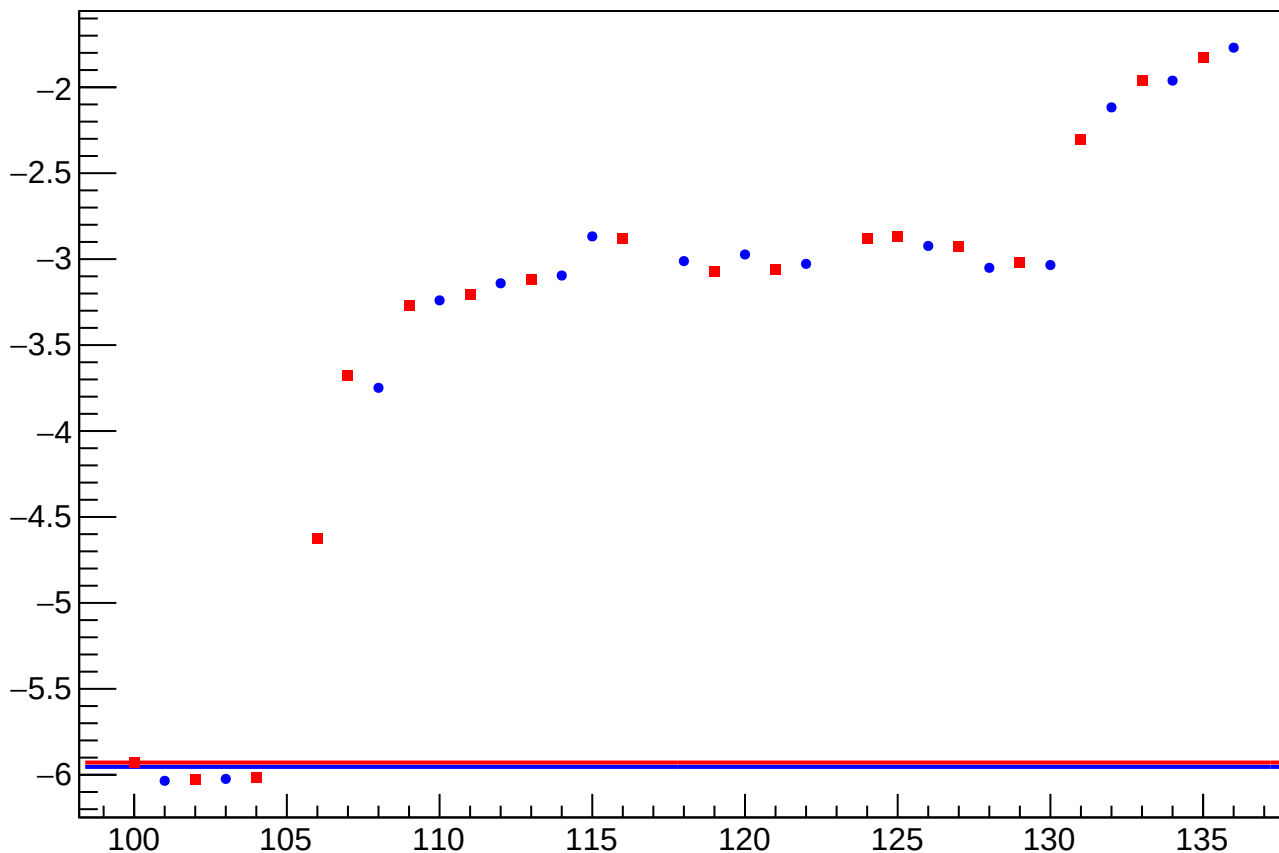
Right: 0.008+/-0.000 χ^2/NDF : 1189753.9/33

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 : 1189753.9/33

yield_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -5.954+/-0.000

χ^2/NDF : 13099475661.5/15

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -5.943+/-0.000 χ^2/NDF : 26740929642.5/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -5.954+/-0.000 χ^2/NDF : 13099475661.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.929+/-0.000

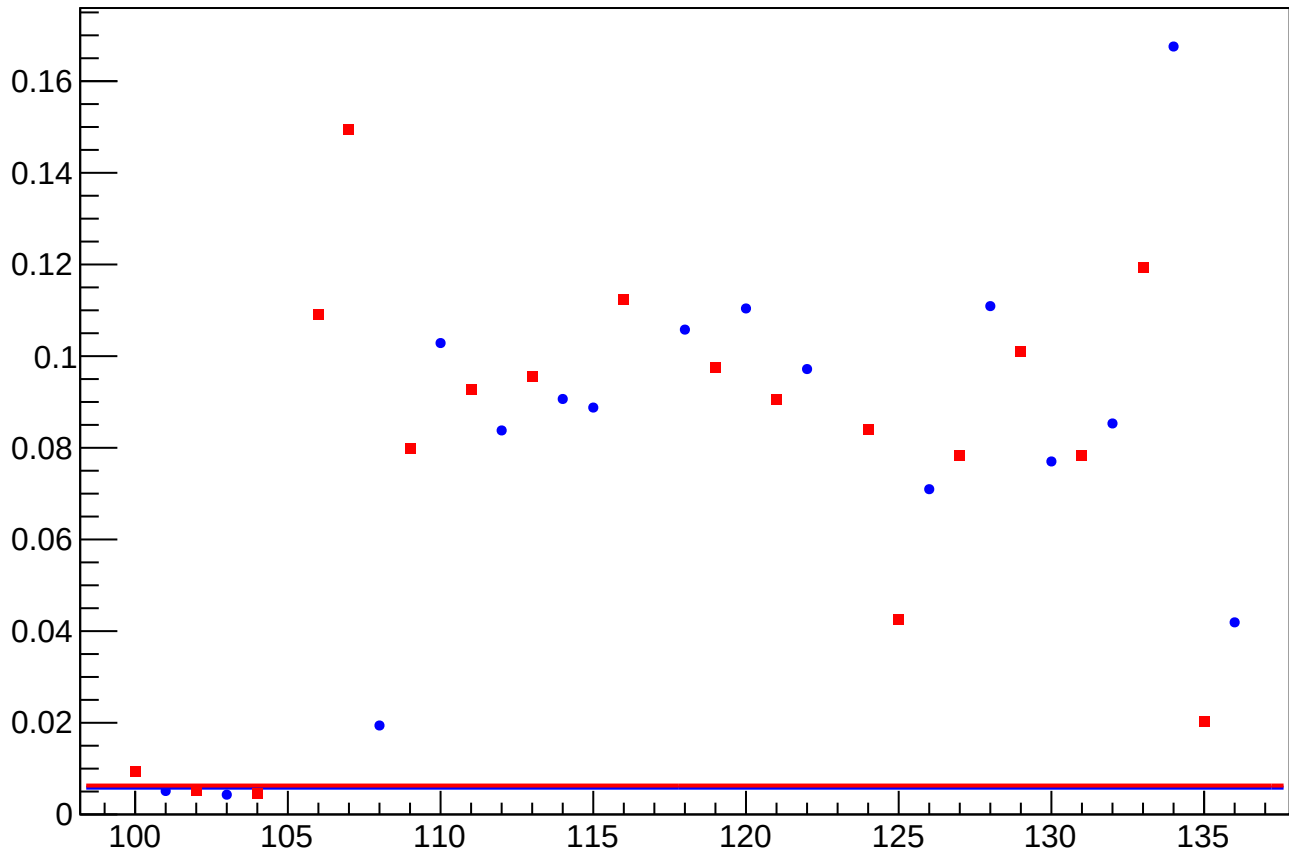
χ^2/NDF : 13626390823.9/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -5.943+/-0.000 χ^2/NDF : 26740929642.5/33

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 : 8439323.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

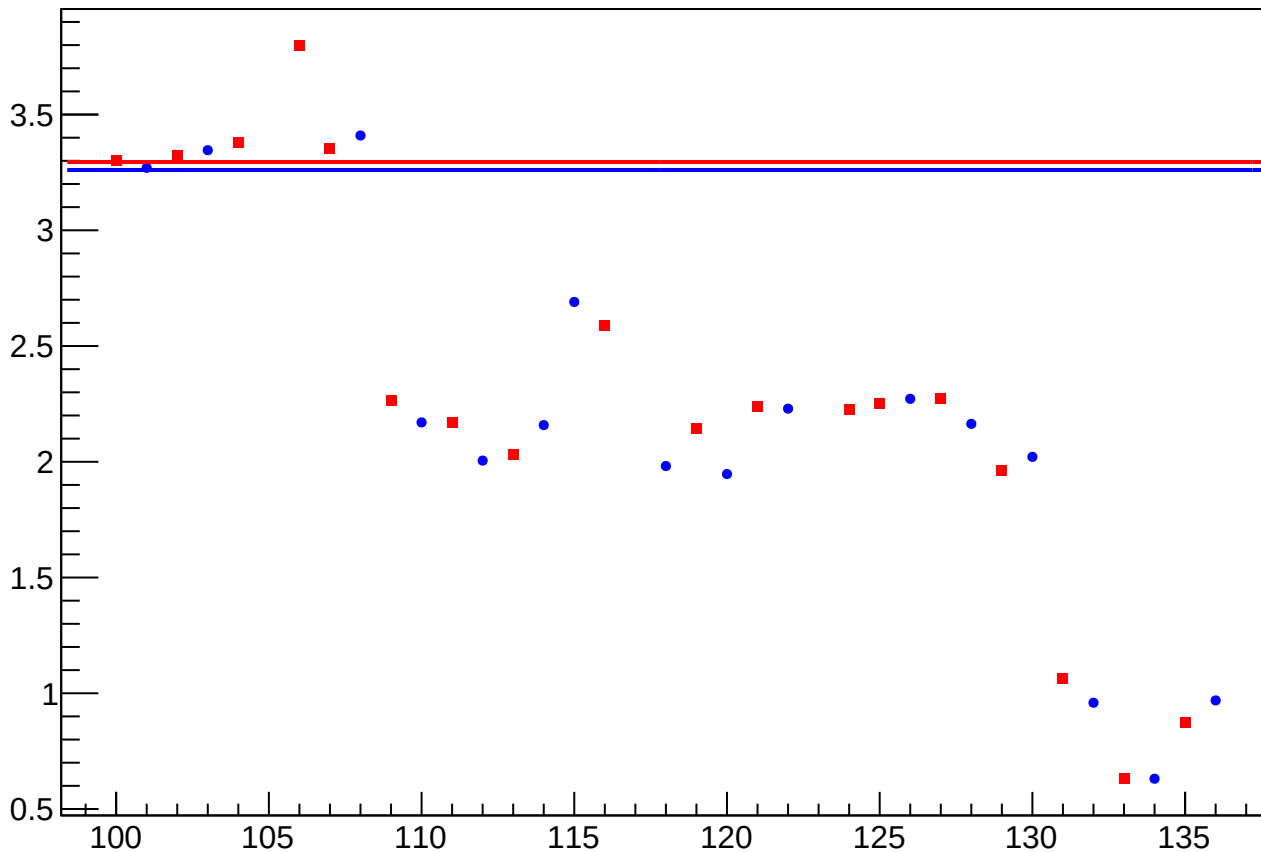
Right: 0.006+/-0.000 χ^2/NDF : 17149769.4/33

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 : 17149769.4/33

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: 3.295+/-0.000 χ^2/NDF : 3157003177.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

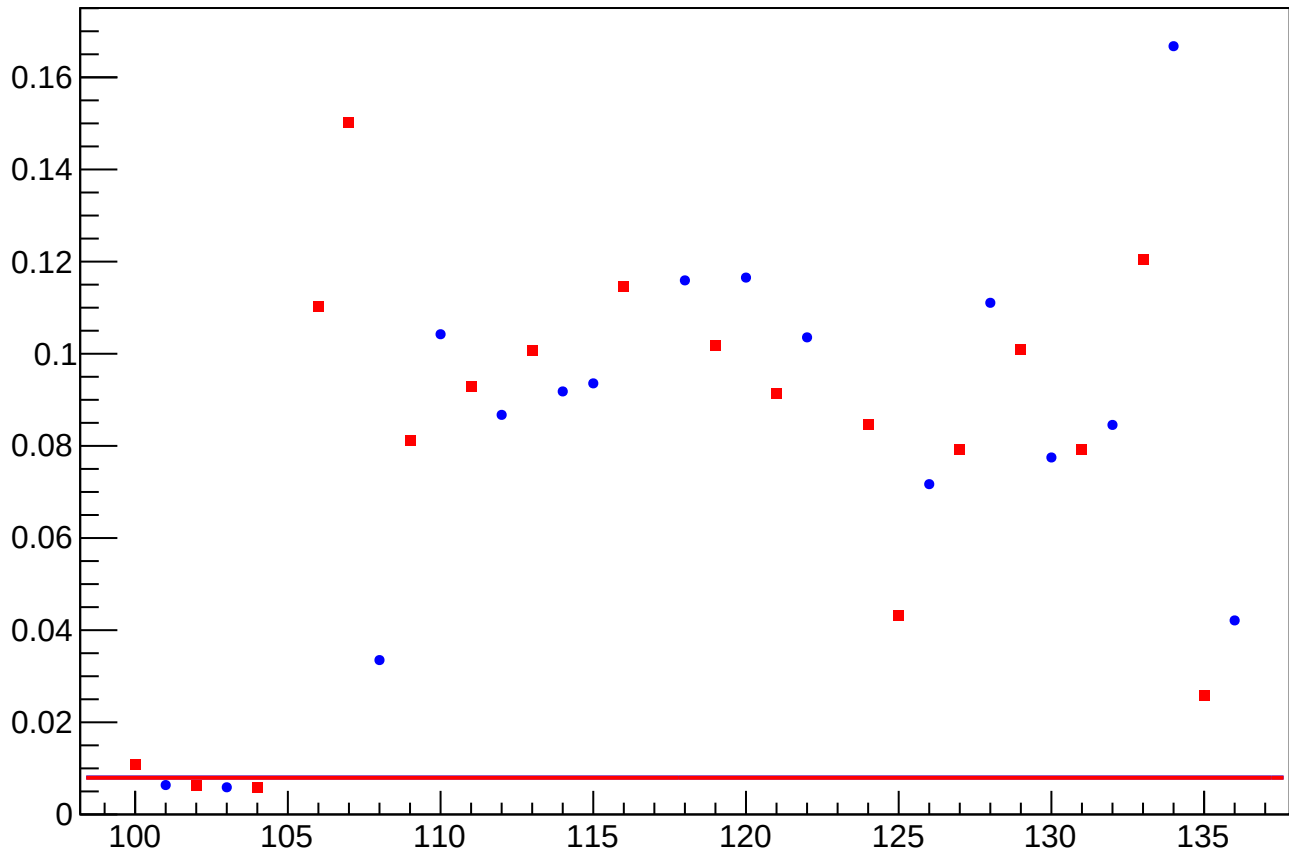
Right: 3.277+/-0.000 χ^2/NDF : 6184487822.2/33

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 : 6184487822.2/33

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 : 8233117.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

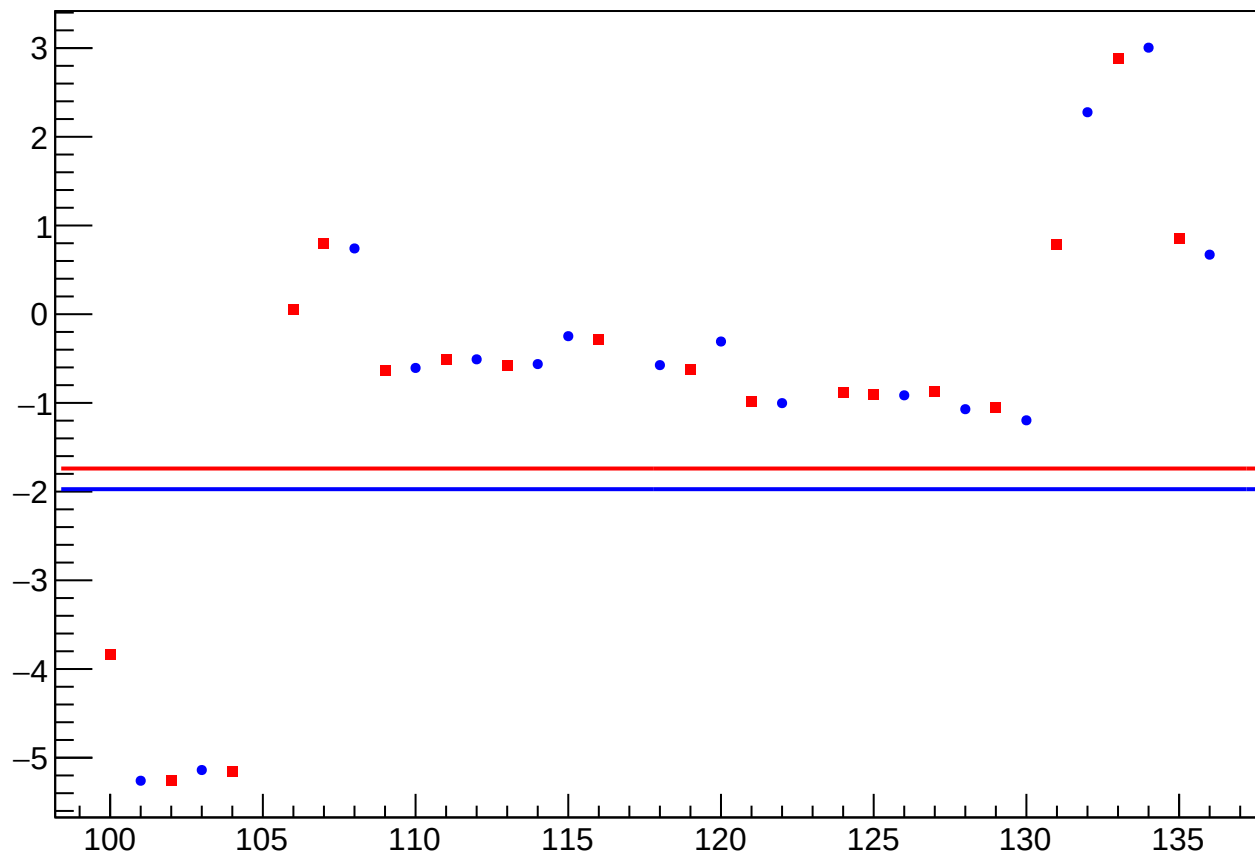
Right: 0.008+/-0.000 χ^2/NDF : 16648899.0/33

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 : 16648899.0/33

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: -1.740+/-0.000 χ^2/NDF : 165800445909.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

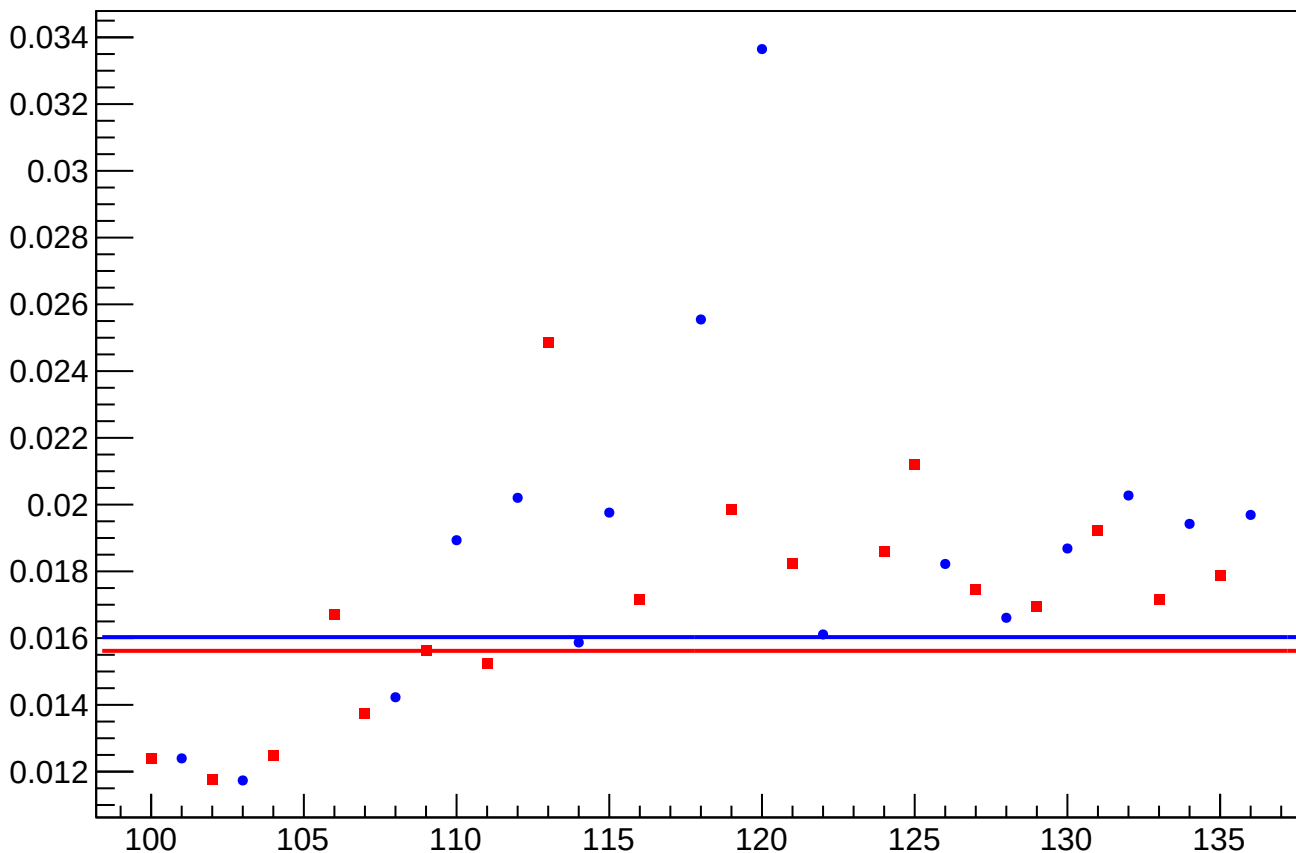
Right: -1.849+/-0.000 χ^2/NDF : 328426148735.9/33

In: -1.973+/-0.000 χ^2/NDF : 161975701237.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.849+/-0.000 χ^2/NDF : 328426148735.9

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 : 482932.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

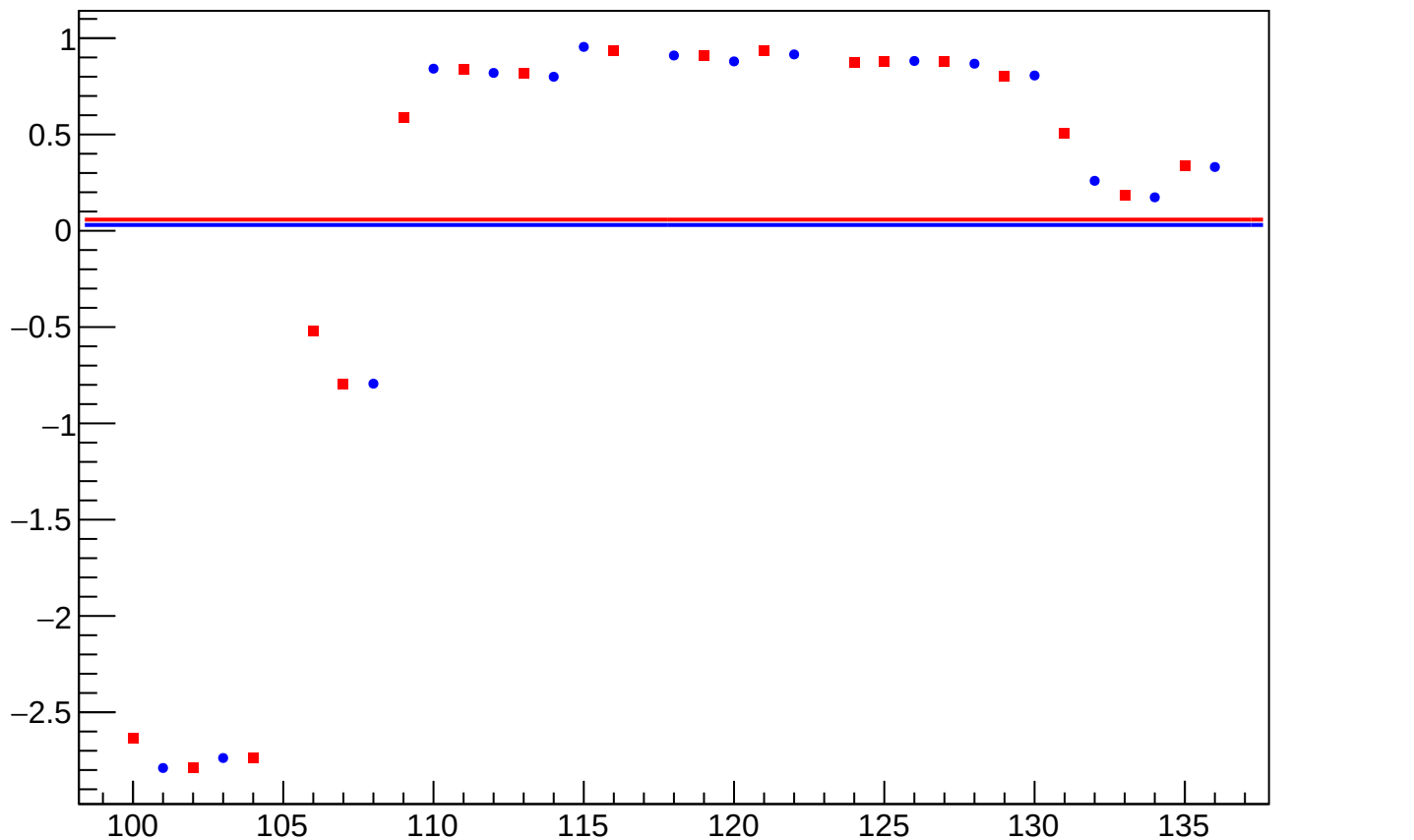
Right: 0.016+/-0.000 χ^2/NDF : 1222721.0/33

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 : 1222721.0/33

yield_bpm0l04Y_mean vs Slug, Sign Corrected



Right In: 0.030+/-0.000

χ^2/NDF : 851677270962.0/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.044+/-0.000

χ^2/NDF : 1786233054407.0/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000

χ^2/NDF : 934352212743.4/17

In: 0.030+/-0.000

χ^2/NDF : 851677270962.0/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

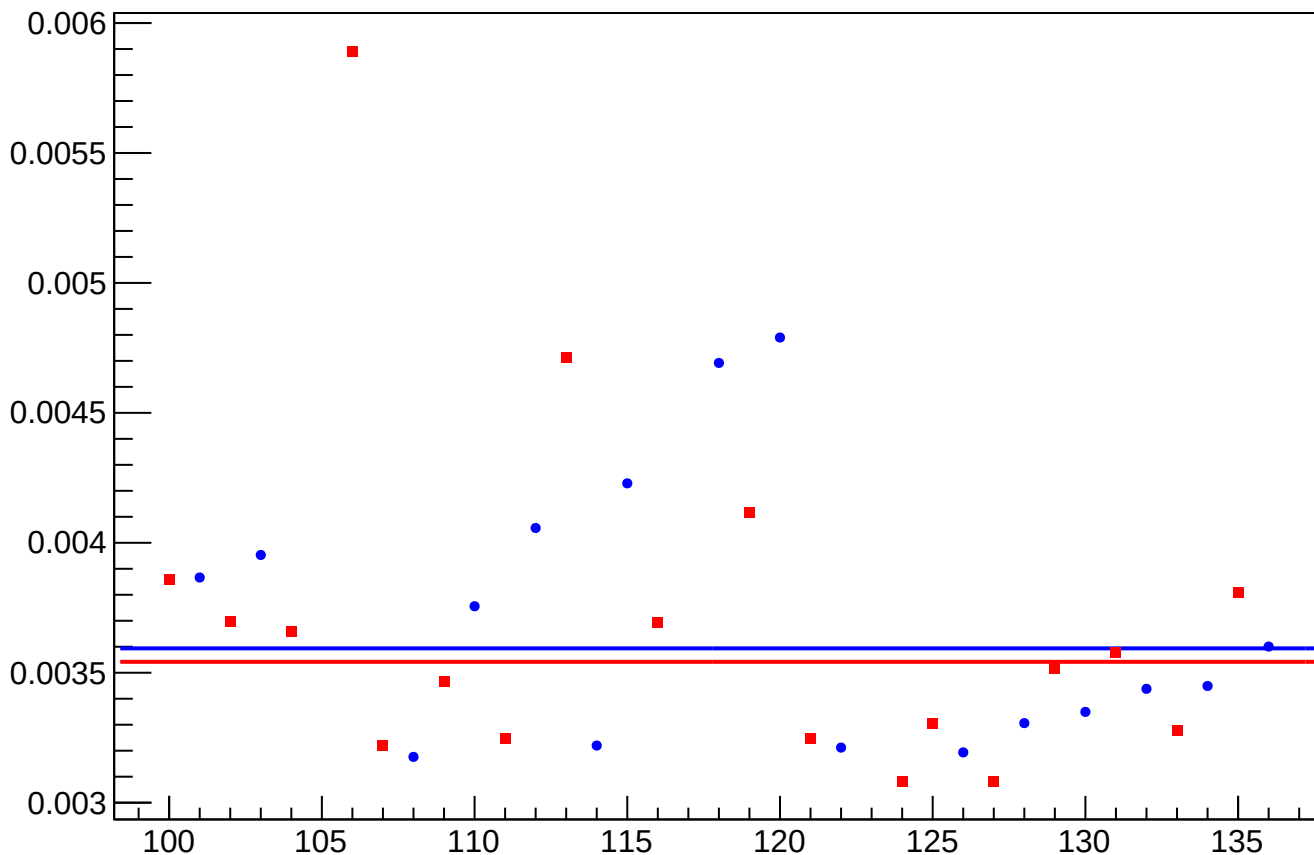
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.044+/-0.000

χ^2/NDF : 1786233054407.0/33

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 : 224643.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

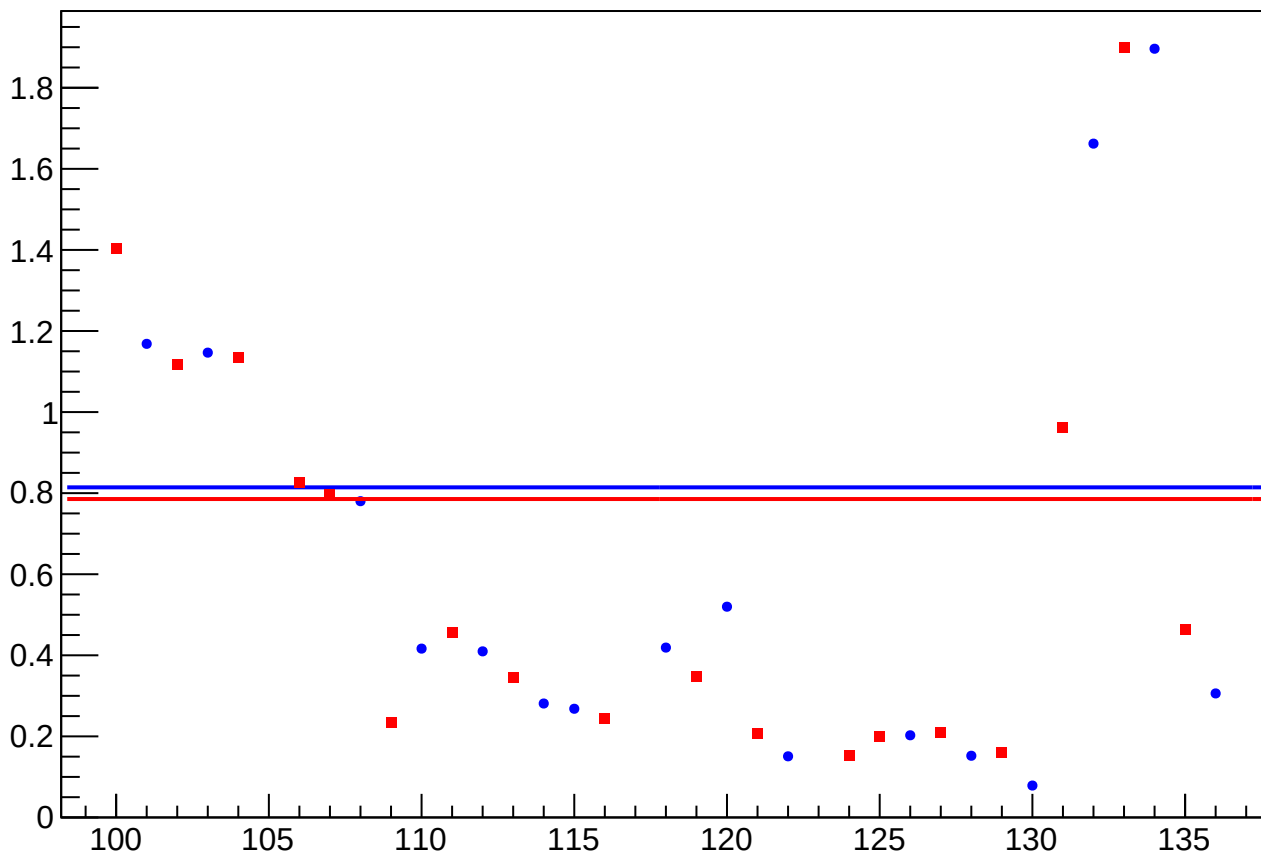
Right: 0.004+/-0.000 χ^2/NDF : 406484.8/33

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 : 406484.8/33

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: 0.799+/-0.000

χ^2/NDF : 69497241408.6/33

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: 0.786+/-0.000

χ^2/NDF : 34023457650.9/17

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

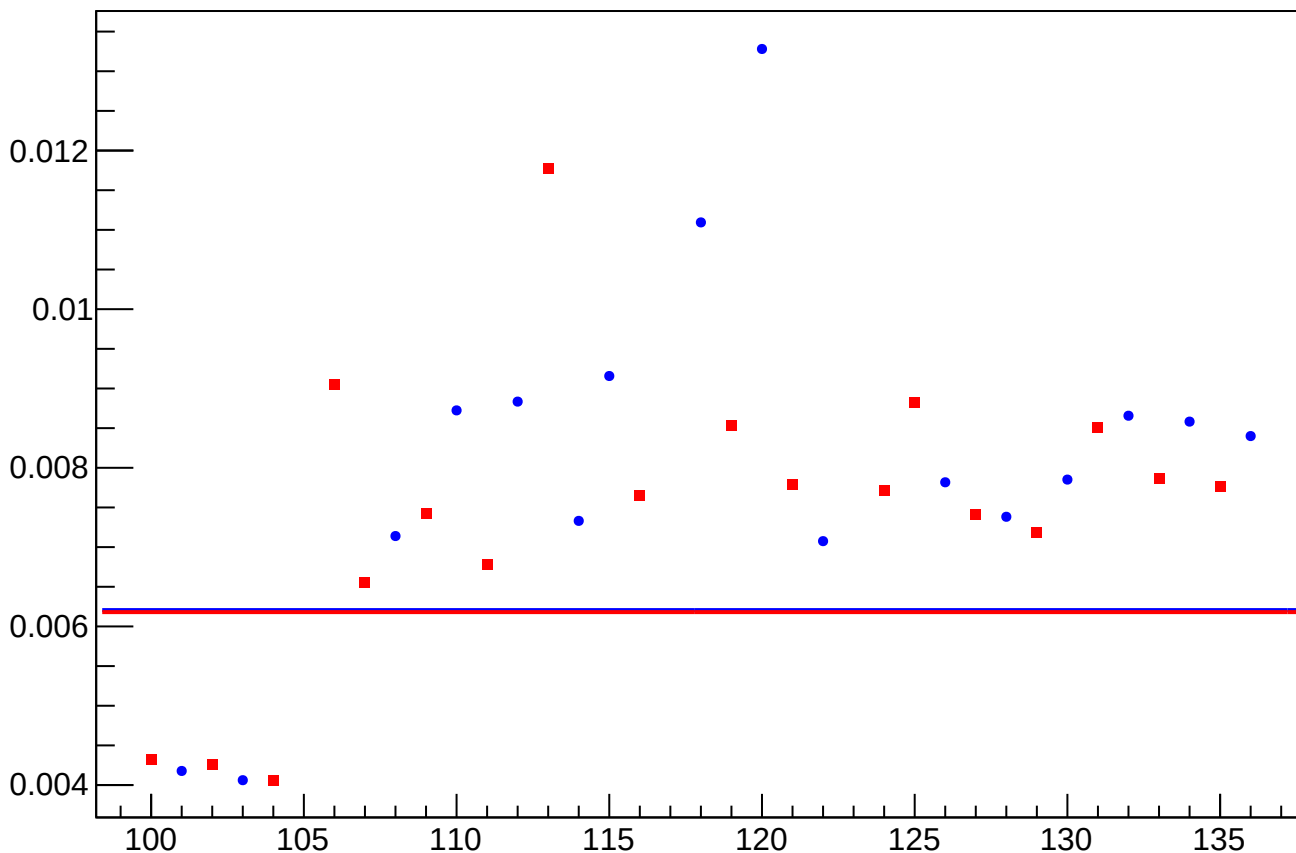
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.799+/-0.000

χ^2/NDF : 69497241408.6/33

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 : 1135933.0/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 2559916.0/33

In: 0.006+/-0.000

χ^2/NDF : 1423886.1/15

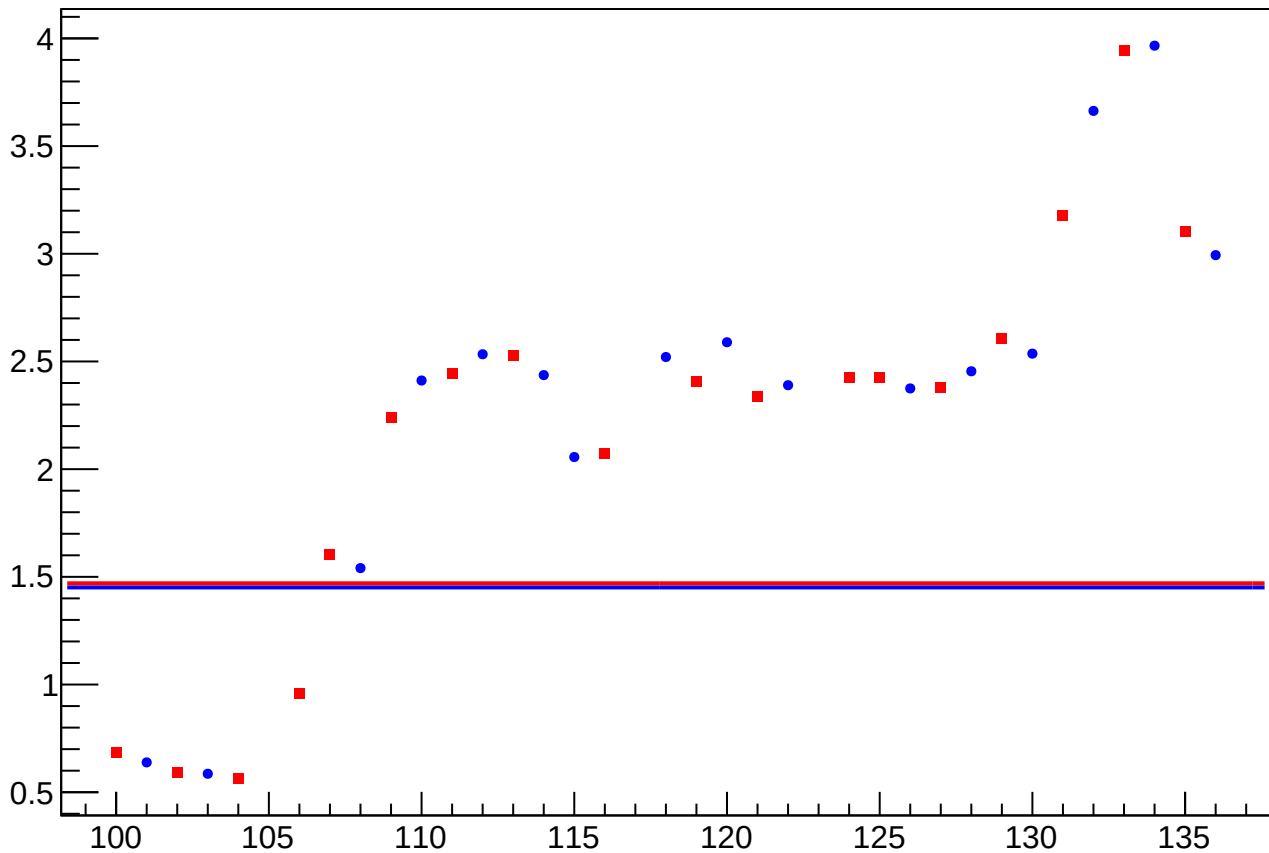
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 2559916.0/33

yield_bpm0l05Y_mean vs Slug, Sign Corrected



Right In: 1.451+/-0.000

χ^2/NDF : 169635774704.4/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 1.461+/-0.000

χ^2/NDF : 351548741559.8/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 1.451+/-0.000

χ^2/NDF : 169635774704.4/15

Right Out: 1.470+/-0.000

χ^2/NDF : 181884745735.9/17

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

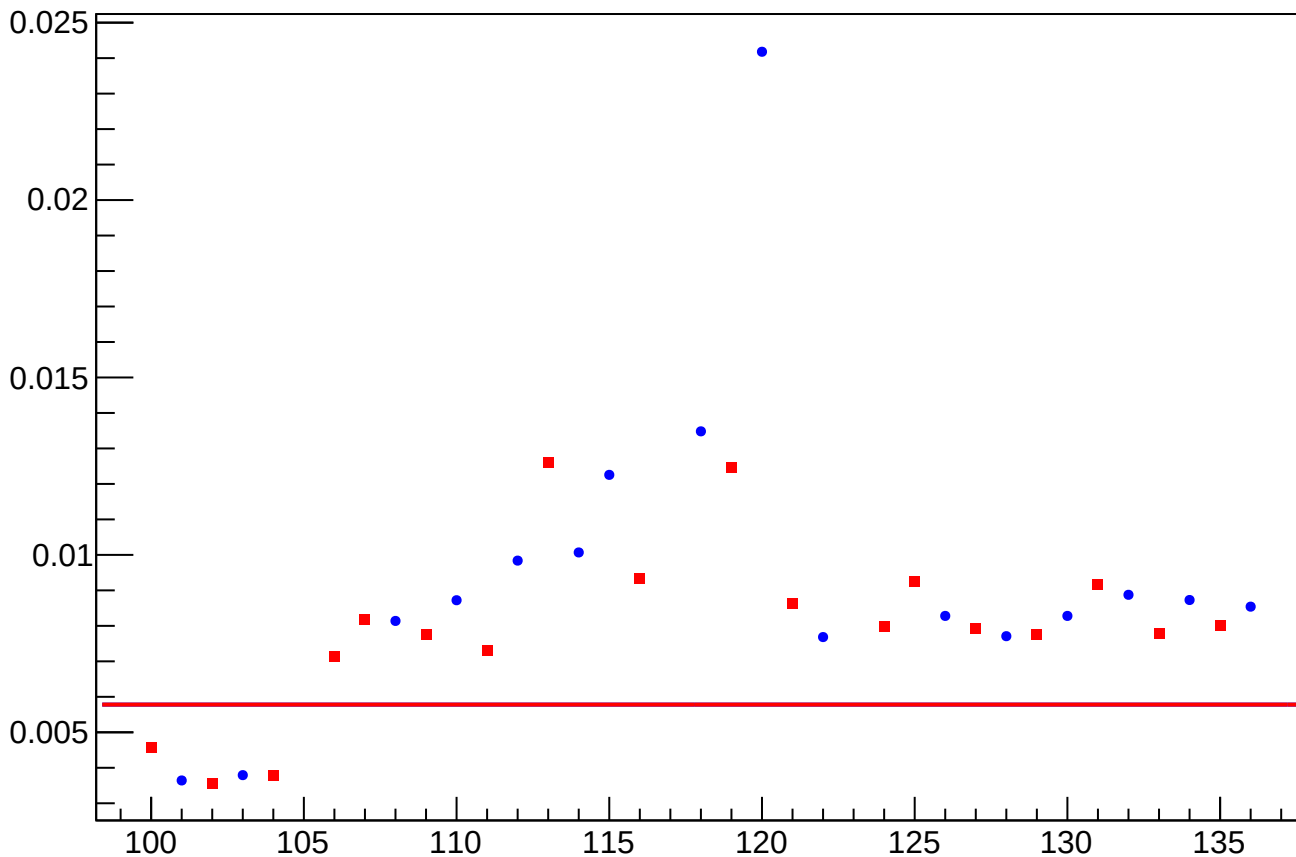
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 1.461+/-0.000

χ^2/NDF : 351548741559.8

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 : 1914747.5/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 4128632.8/33

In: 0.006+/-0.000

χ^2/NDF : 2213885.3/15

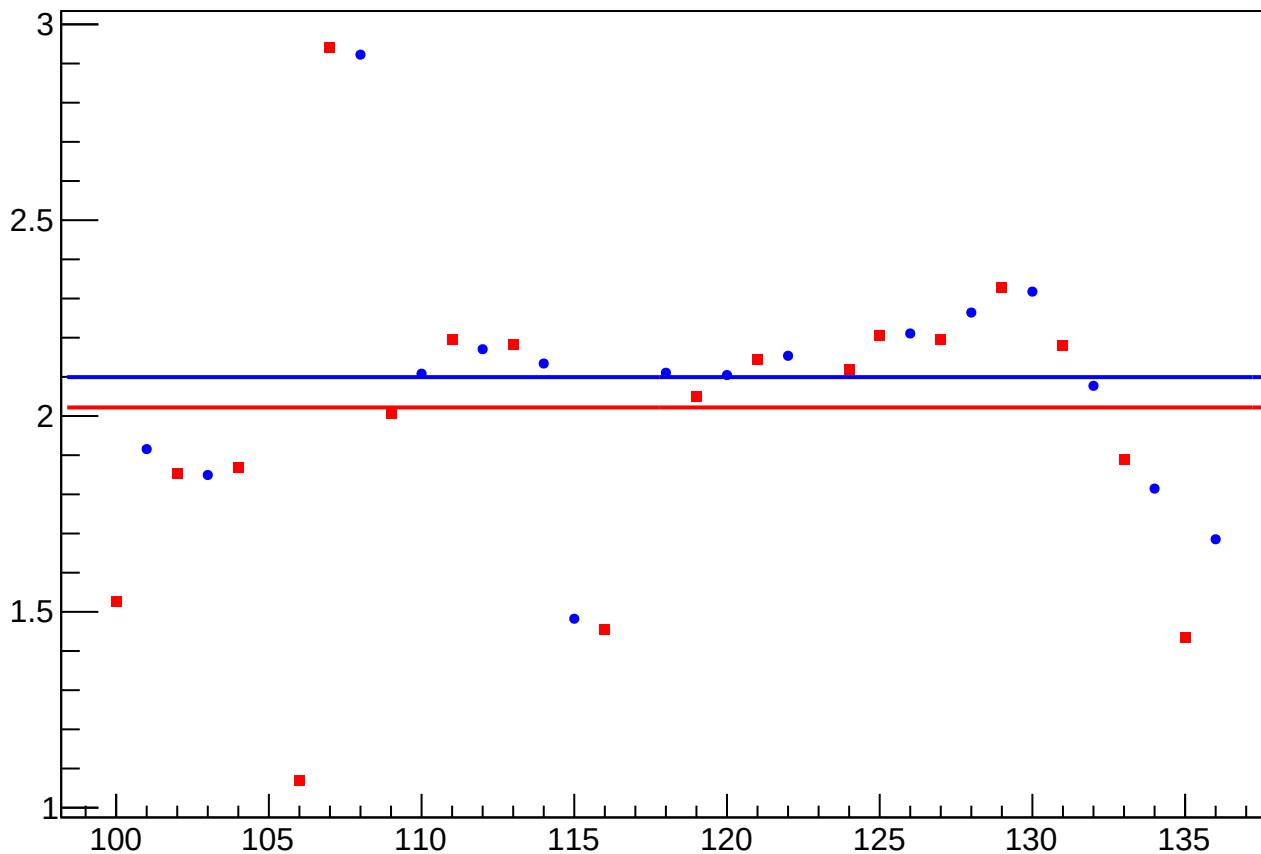
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 4128632.8/33

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: 2.060+/-0.000 χ^2/NDF : 33599428857.5/33

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: 2.099+/-0.000 χ^2/NDF : 13928556396.8/15

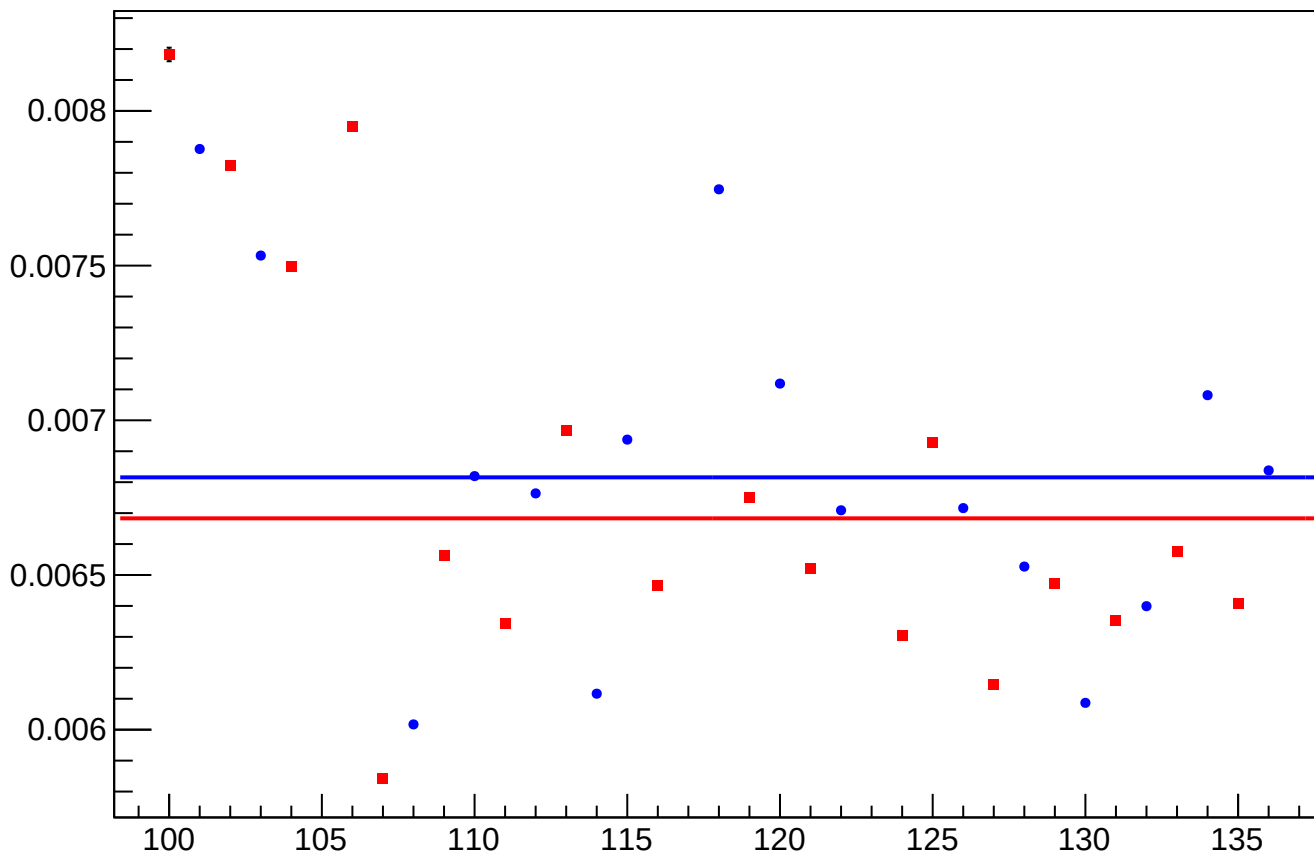
Right Out: 2.022+/-0.000 χ^2/NDF : 19217418598.9/17

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.060+/-0.000 χ^2/NDF : 33599428857.5/33

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 : 86547.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

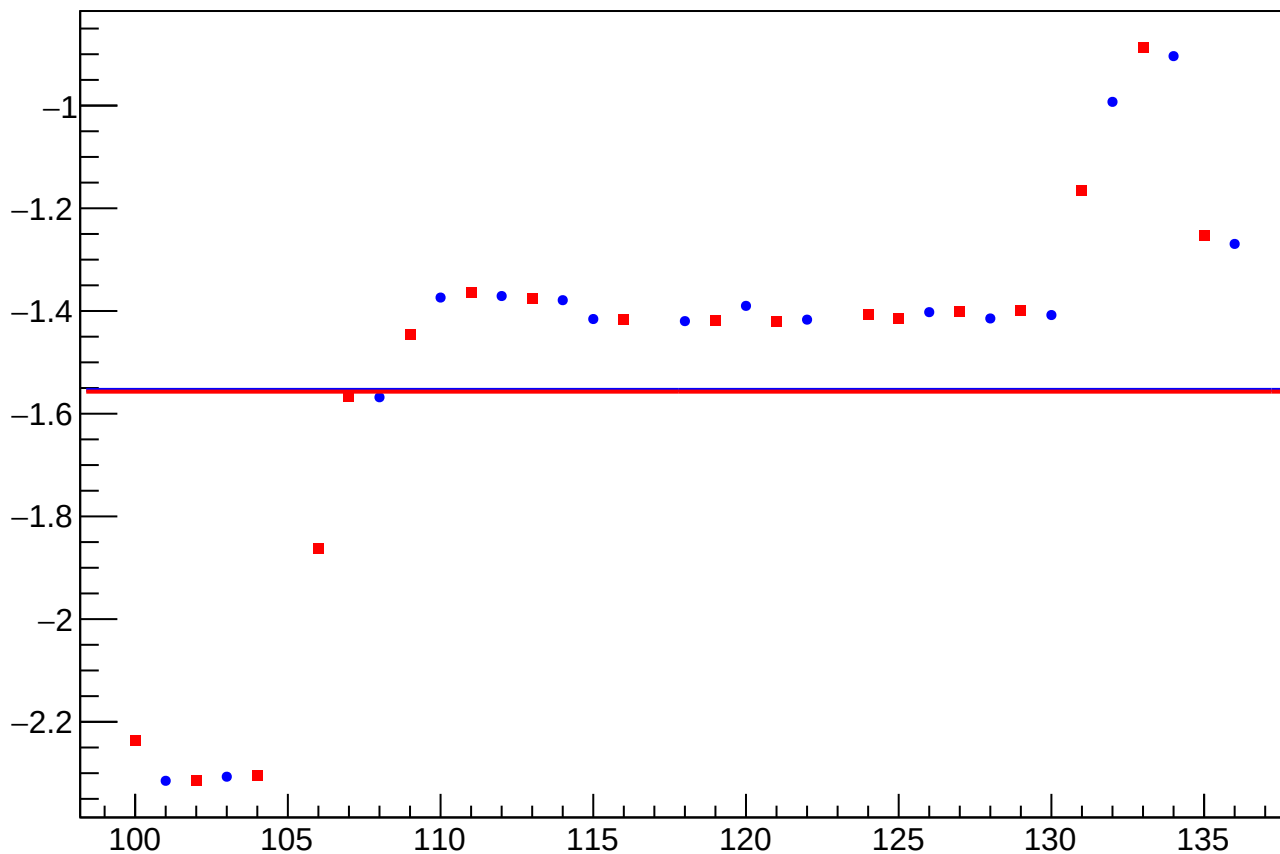
Right: 0.007+/-0.000 χ^2/NDF : 175981.6/33

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 : 175981.6/33

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: -1.557+/-0.000 χ^2/NDF : 172188250528.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

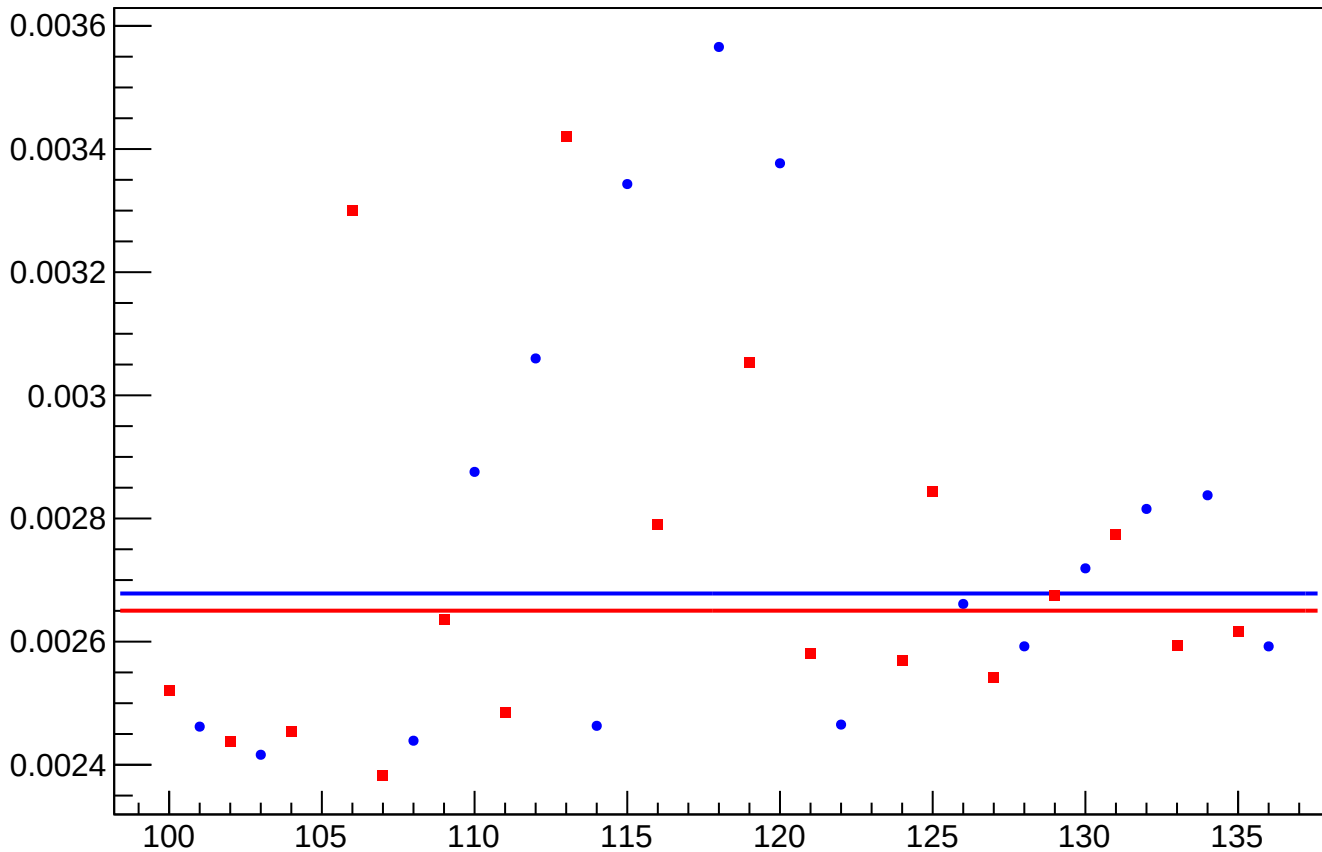
Right: -1.555+/-0.000 χ^2/NDF : 347370459685.4/33

In: -1.554+/-0.000 χ^2/NDF :175176621986.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.555+/-0.000 χ^2/NDF : 347370459685.4

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 : 115715.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

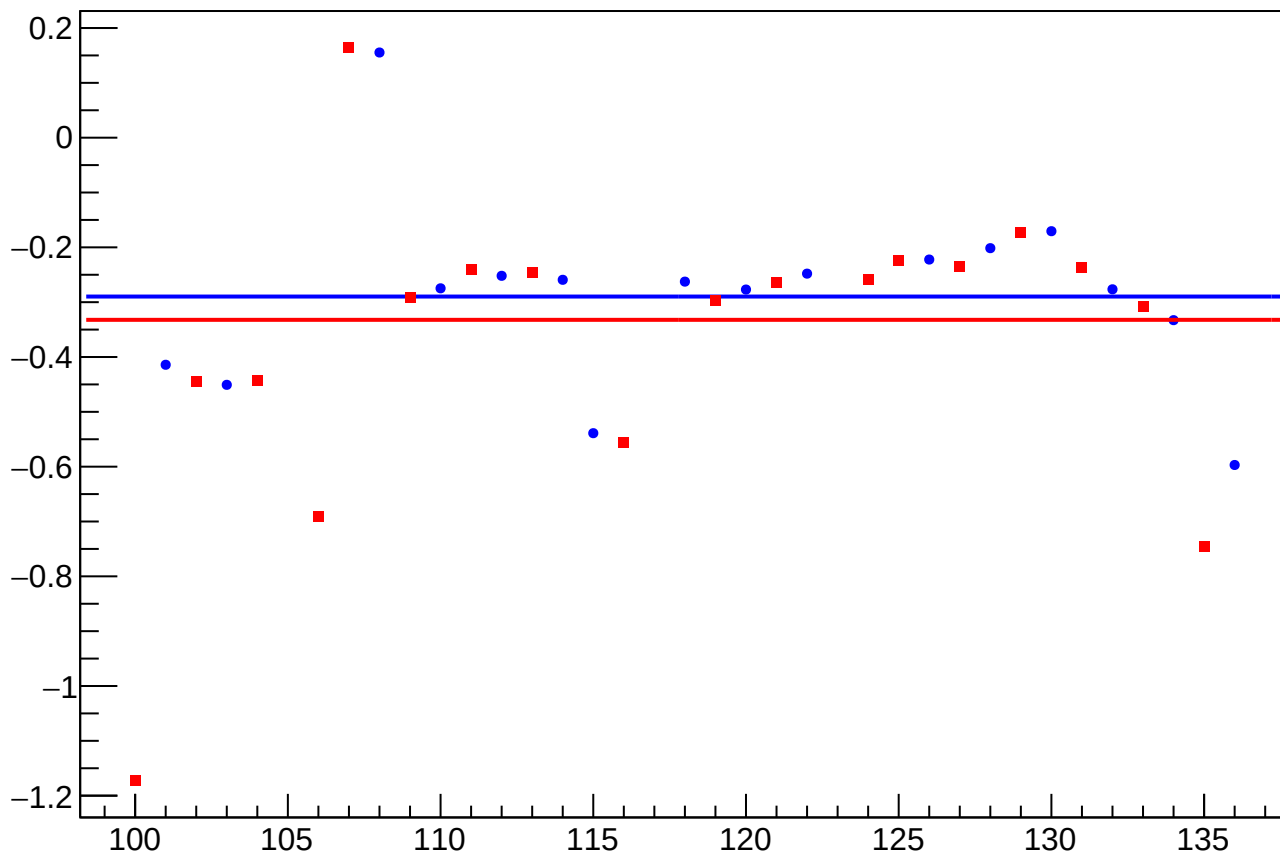
Right: 0.003+/-0.000 χ^2/NDF : 274338.7/33

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 : 274338.7/33

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: -0.332+/-0.000 χ^2/NDF : 2381589057.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

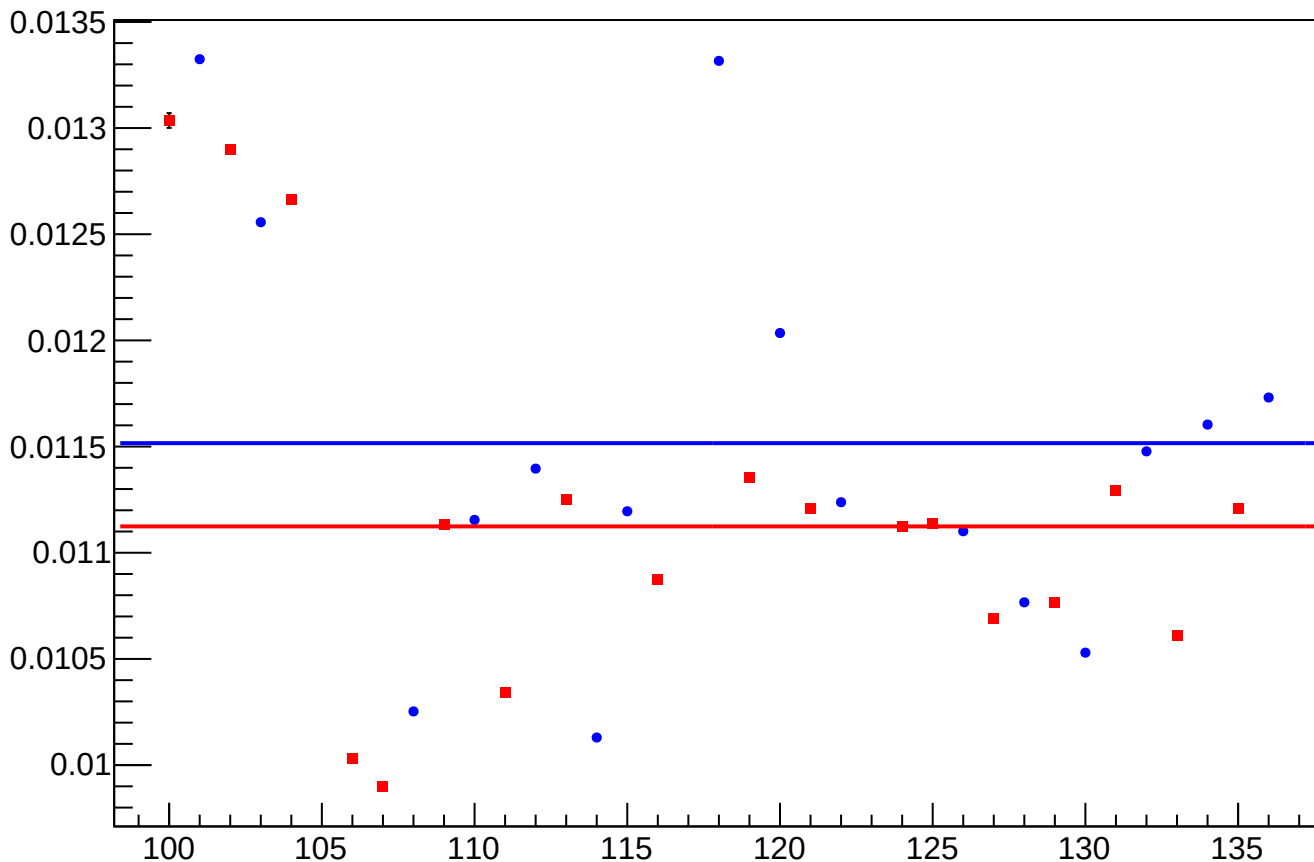
Right: -0.312+/-0.000 χ^2/NDF : 4075913069.3/33

In: -0.290+/-0.000 χ^2/NDF :1645174238.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.312+/-0.000 χ^2/NDF : 4075913069.3/33

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 : 67039.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

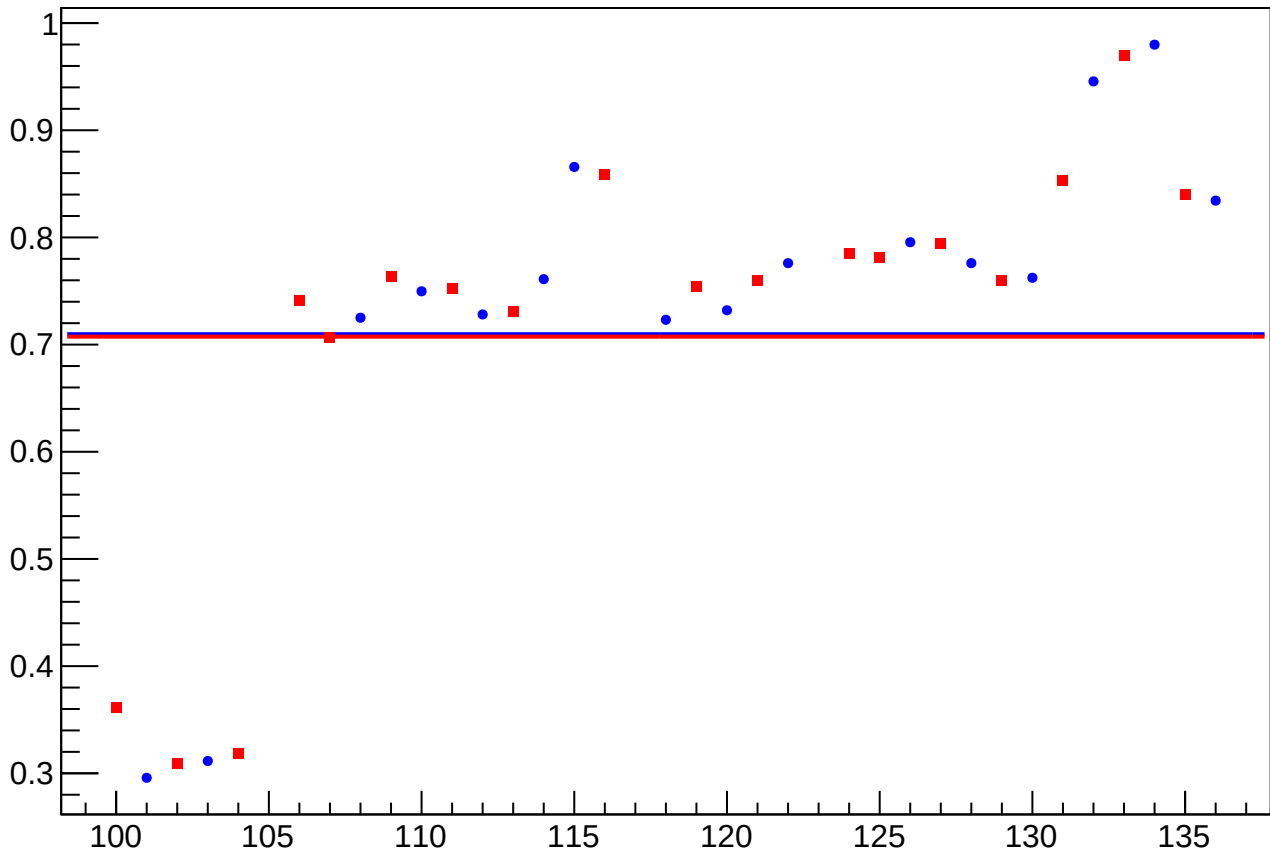
Right: 0.011+/-0.000 χ^2/NDF : 159690.4/33

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 : 159690.4/33

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: 0.707+/-0.000 χ^2/NDF : 43586899371.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

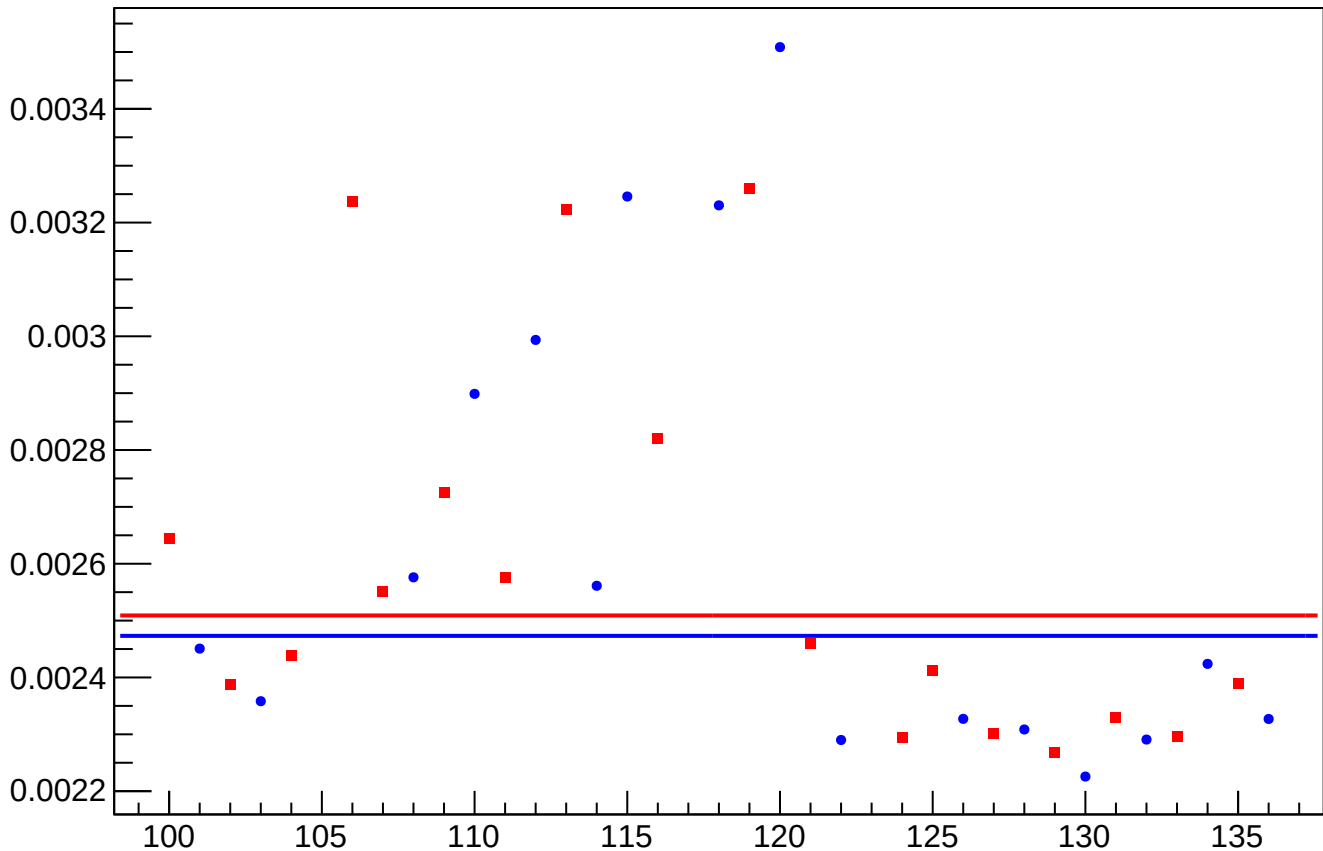
Right: 0.709+/-0.000 χ^2/NDF : 92514205892.7/33

In: 0.710+/-0.000 χ^2/NDF :48924347494.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.709+/-0.000 χ^2/NDF : 92514205892.7/33

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 : 173612.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

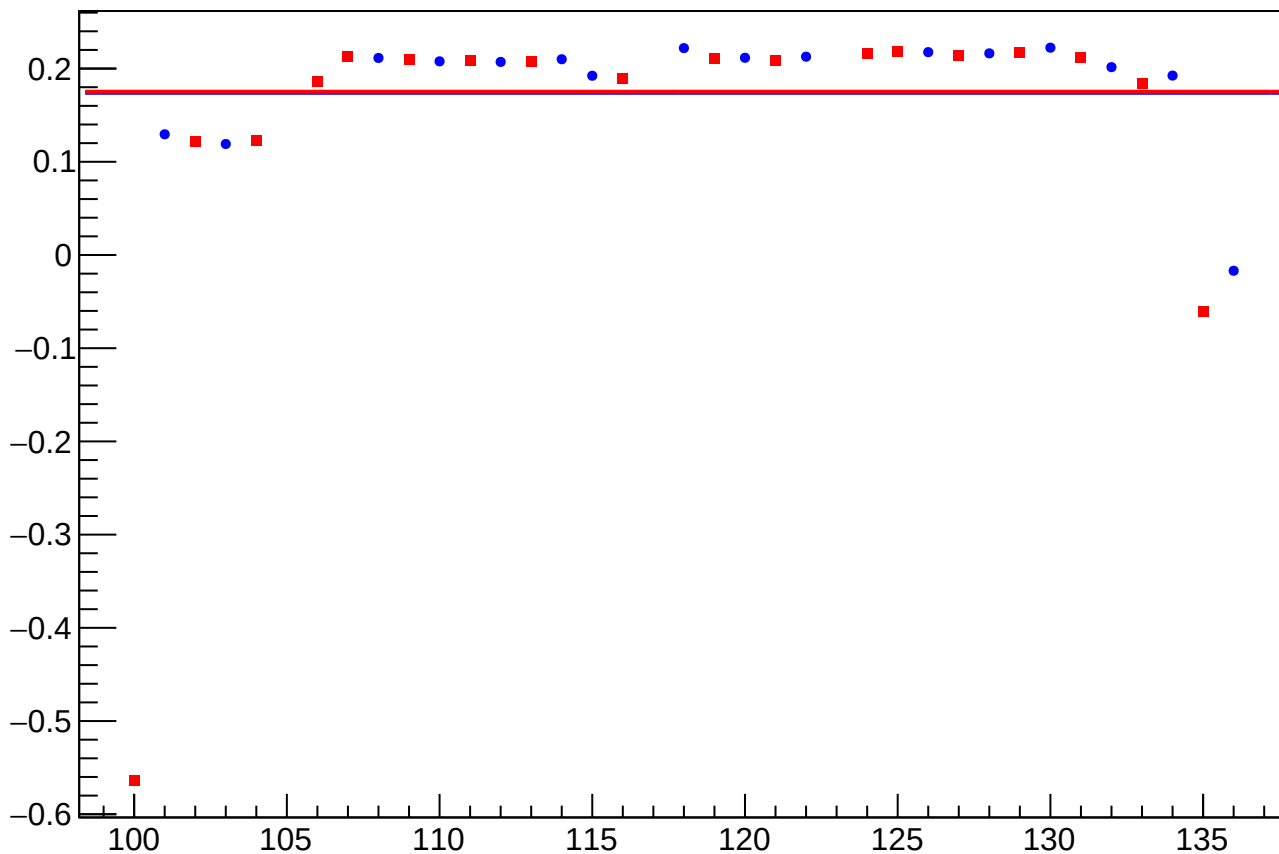
Right: 0.002+/-0.000 χ^2/NDF : 383075.8/33

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 : 383075.8/33

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: 0.175+/-0.000 χ^2/NDF : 653064470.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

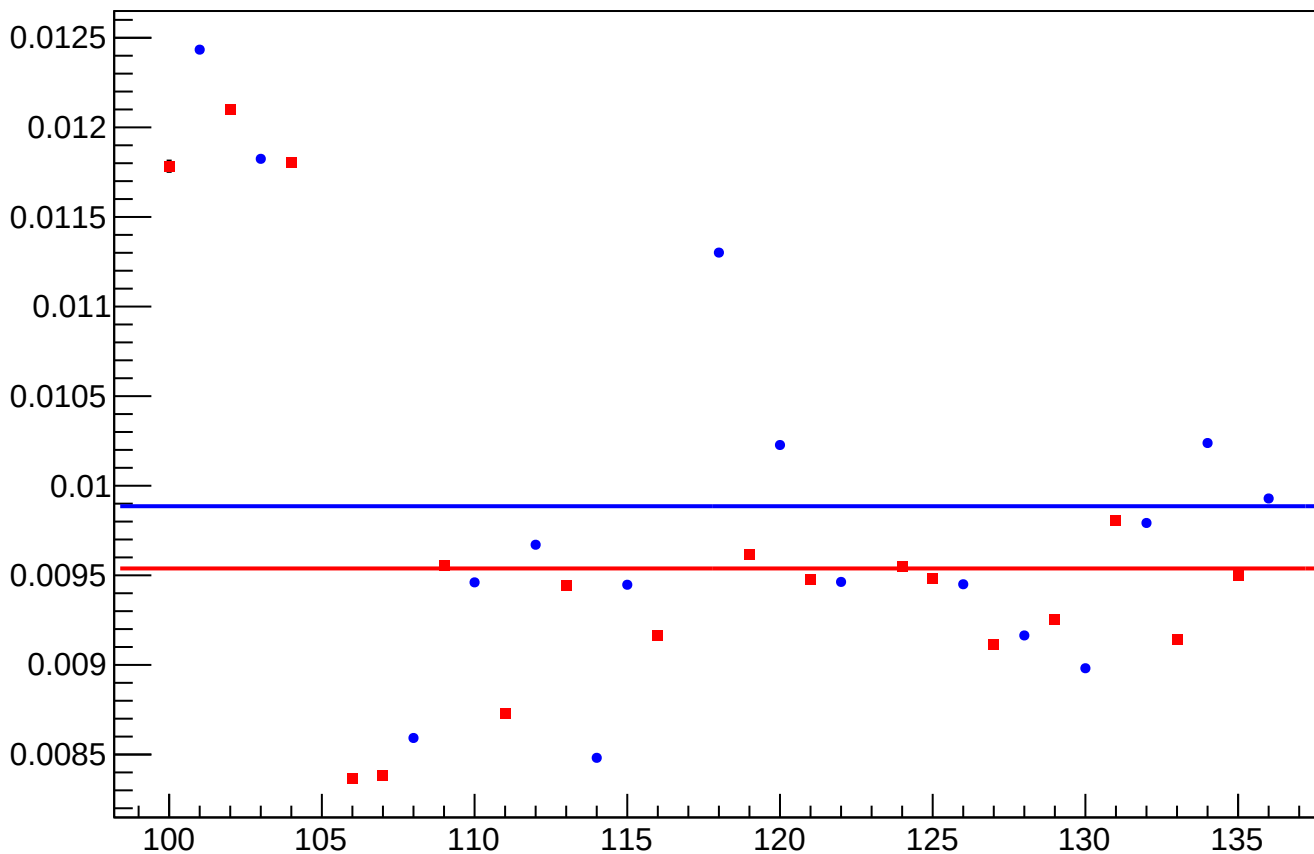
Right: 0.175+/-0.000 χ^2/NDF : 1055055021.0/33

In: 0.174+/-0.000 χ^2/NDF :401946344.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.175+/-0.000 χ^2/NDF : 1055055021.0/33

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 : 133262.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

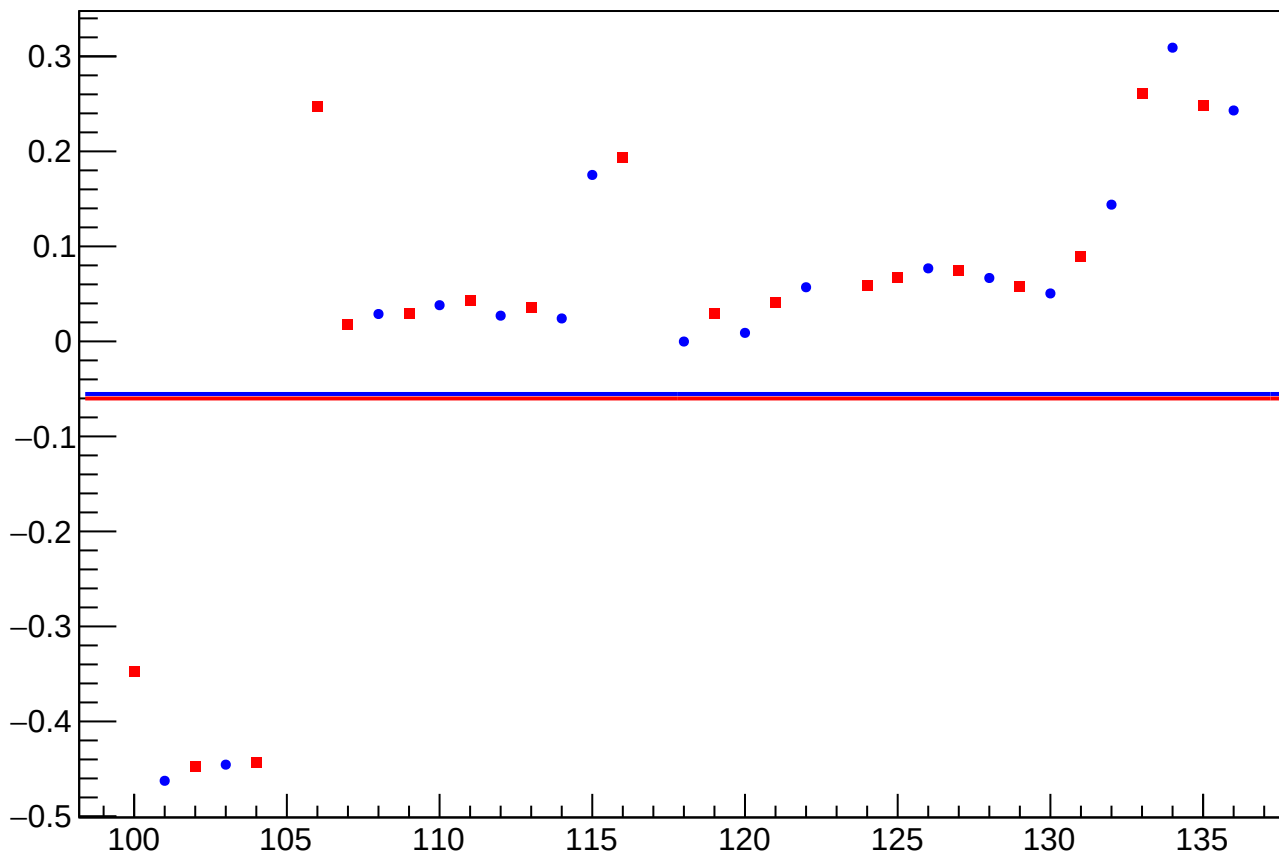
Right: 0.010+/-0.000 χ^2/NDF : 290686.1/33

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 : 290686.1/33

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: -0.060+/-0.000 χ^2/NDF : 20716435711.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

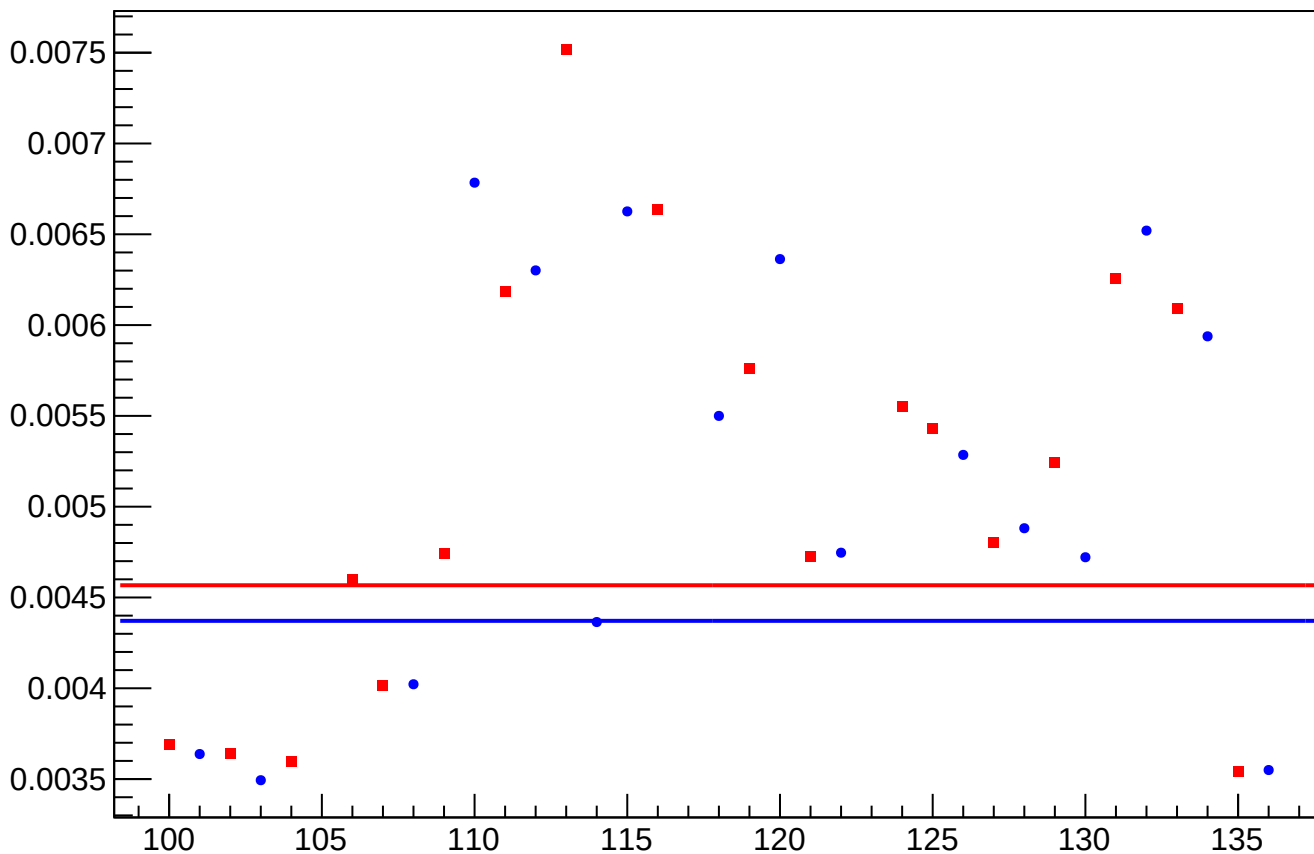
Right: -0.058+/-0.000 χ^2/NDF : 44801821433.5/33

In: -0.055+/-0.000 χ^2/NDF :24081939190.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.058+/-0.000 χ^2/NDF : 44801821433.5/33

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 : 662535.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

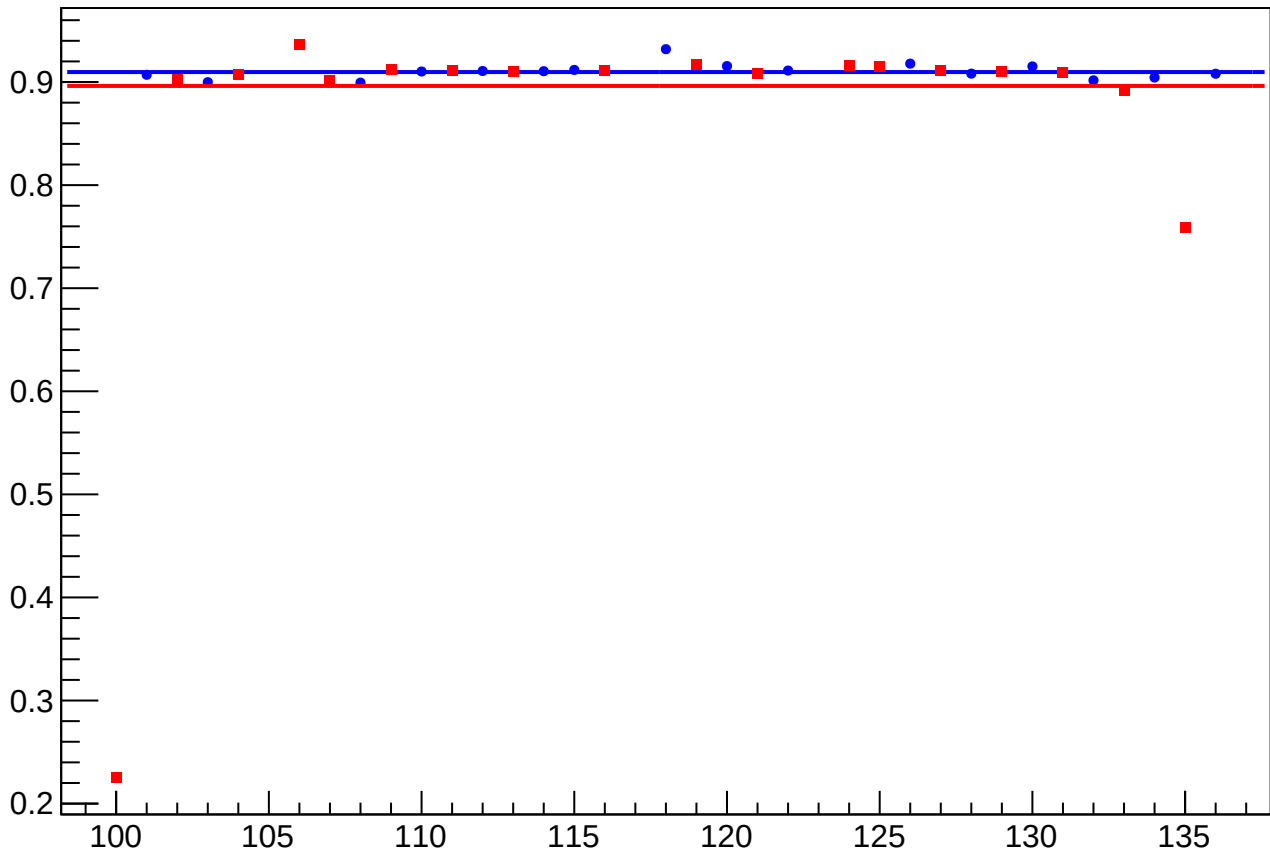
Right: 0.004+/-0.000 χ^2/NDF : 1334808.4/33

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 : 1334808.4/33

yield_bpm0l09X_mean vs Slug, Sign Corrected



Right In: 0.910+/-0.000 χ^2/NDF : 3133349.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.896+/-0.000 χ^2/NDF : 299955429.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

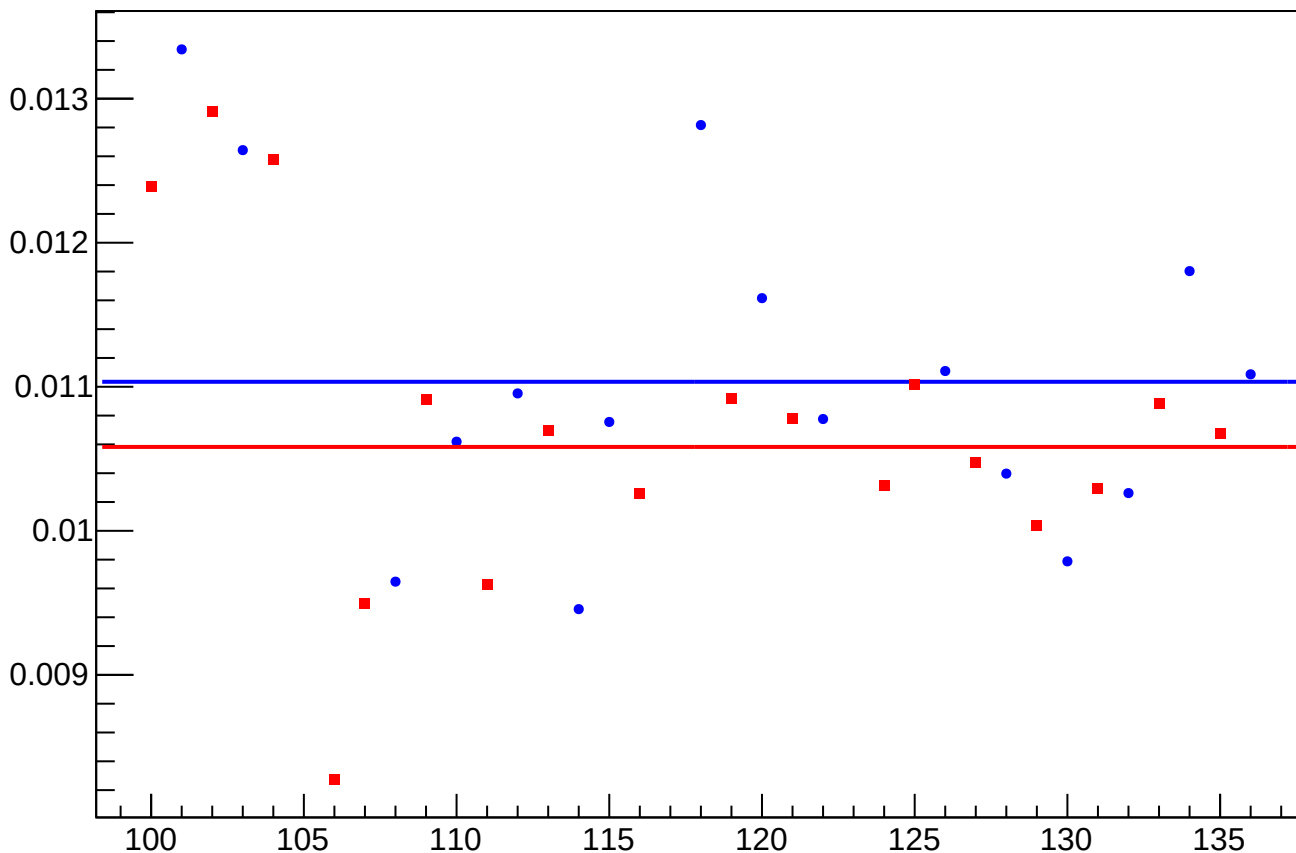
Right: 0.903+/-0.000 χ^2/NDF : 308449692.1/33

In: 0.910+/-0.000 χ^2/NDF : 3133349.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.903+/-0.000 χ^2/NDF : 308449692.1/33

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 : 140461.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

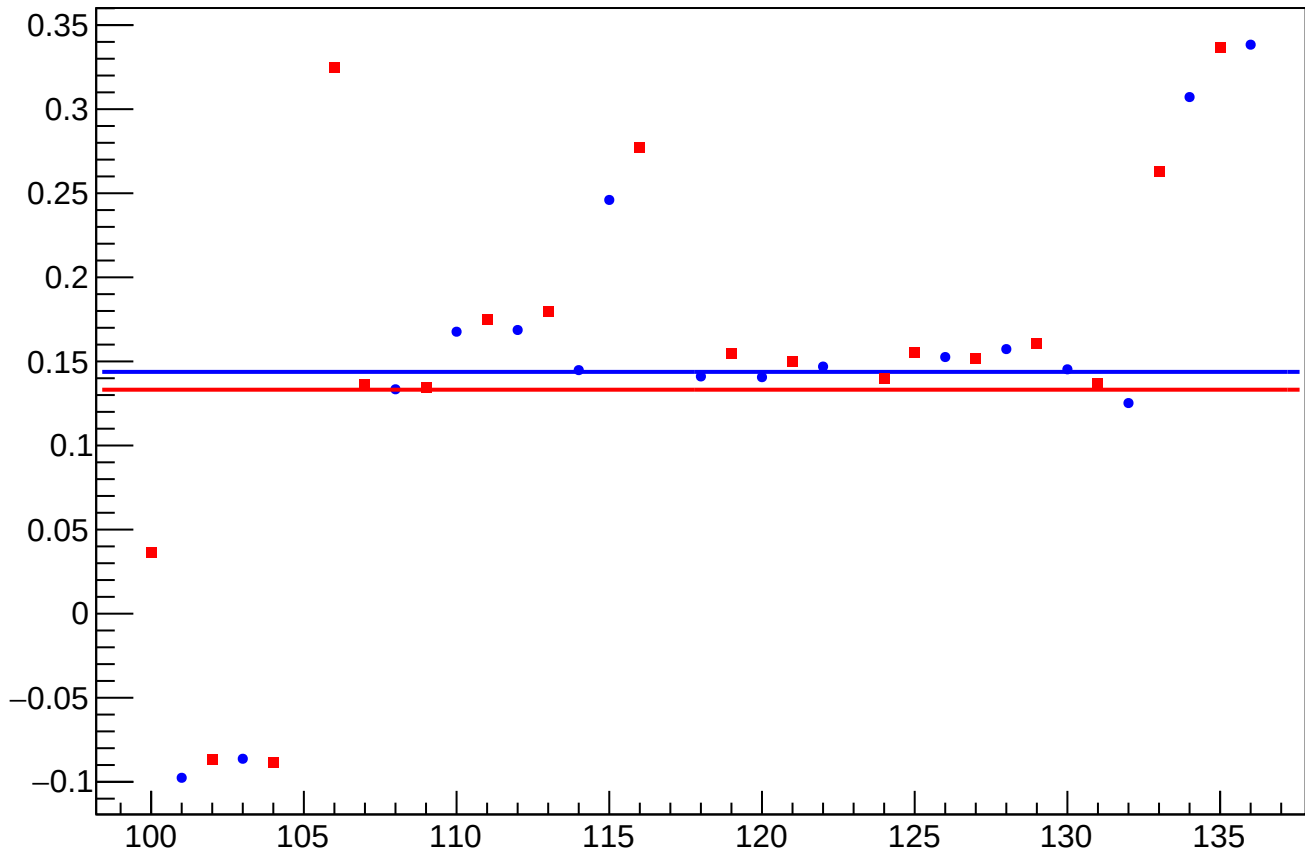
Right: 0.011+/-0.000 χ^2/NDF : 282951.3/33

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 : 282951.3/33

yield_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: 0.144+/-0.000 χ^2/NDF : 7867304536.4/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.133+/-0.000 χ^2/NDF : 6254589351.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

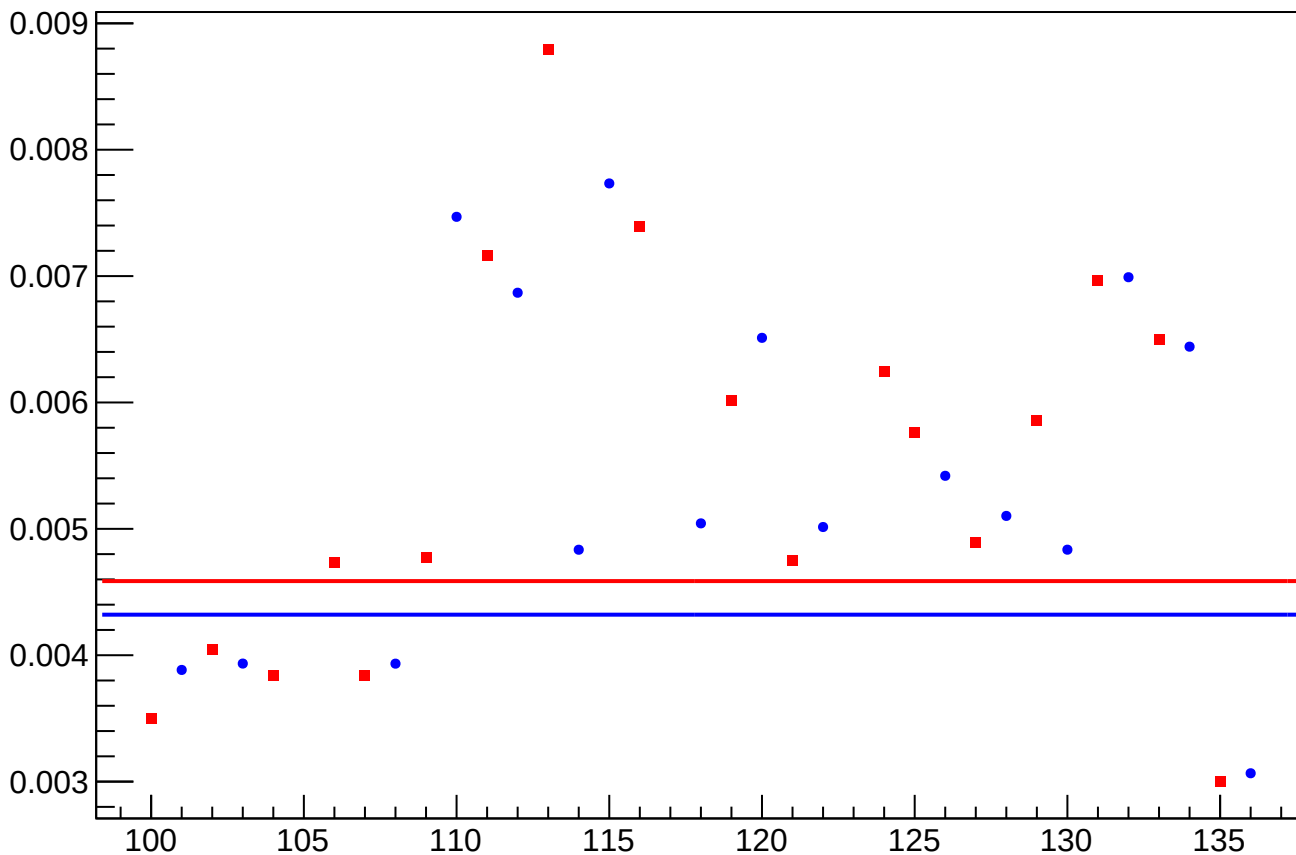
Right: 0.139+/-0.000 χ^2/NDF : 14138202239.0/33

In: 0.144+/-0.000 χ^2/NDF :7867304536.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.139+/-0.000 χ^2/NDF : 14138202239.0/33

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: 0.005+/-0.000 χ^2/NDF : 977420.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

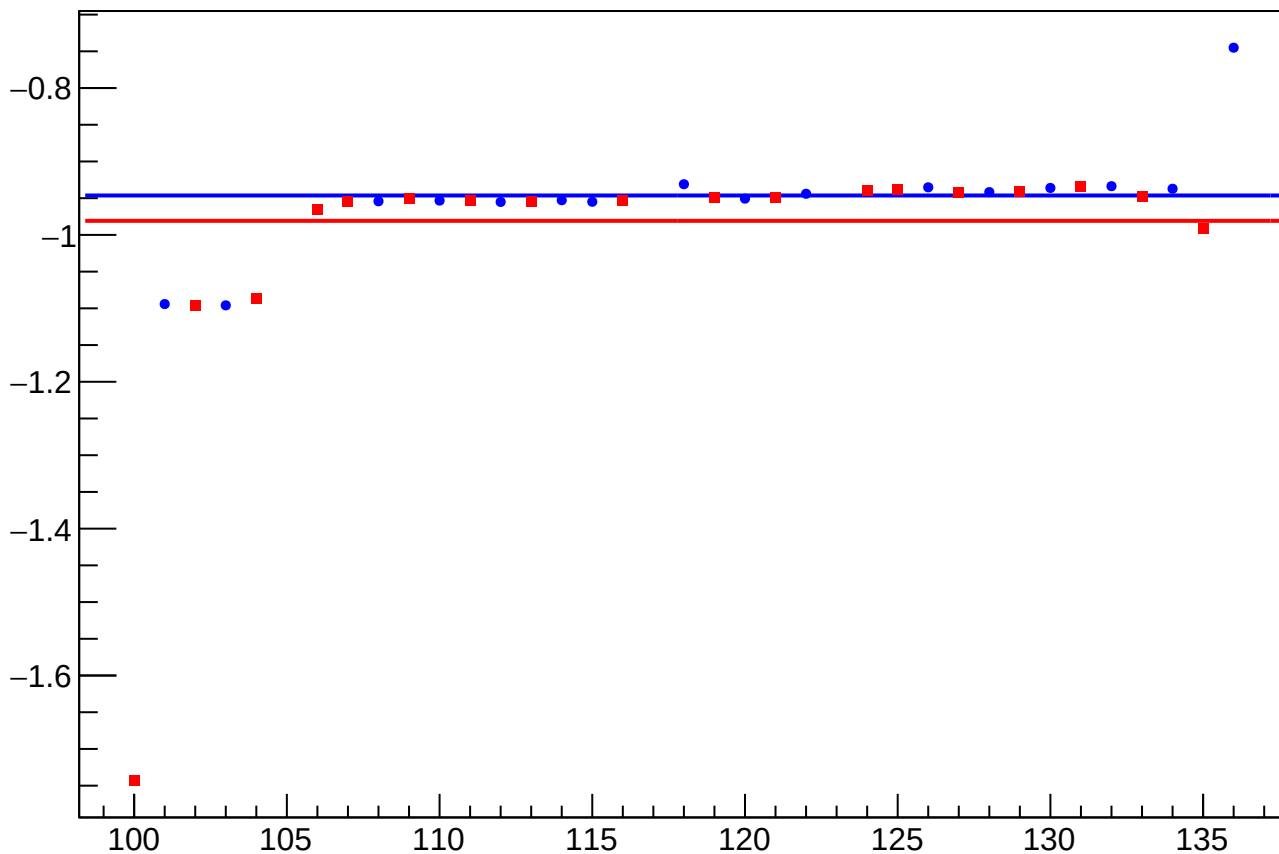
Right: 0.004+/-0.000 χ^2/NDF : 1876277.9/33

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 : 1876277.9/33

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: -0.981+/-0.000 χ^2/NDF : 447188967.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

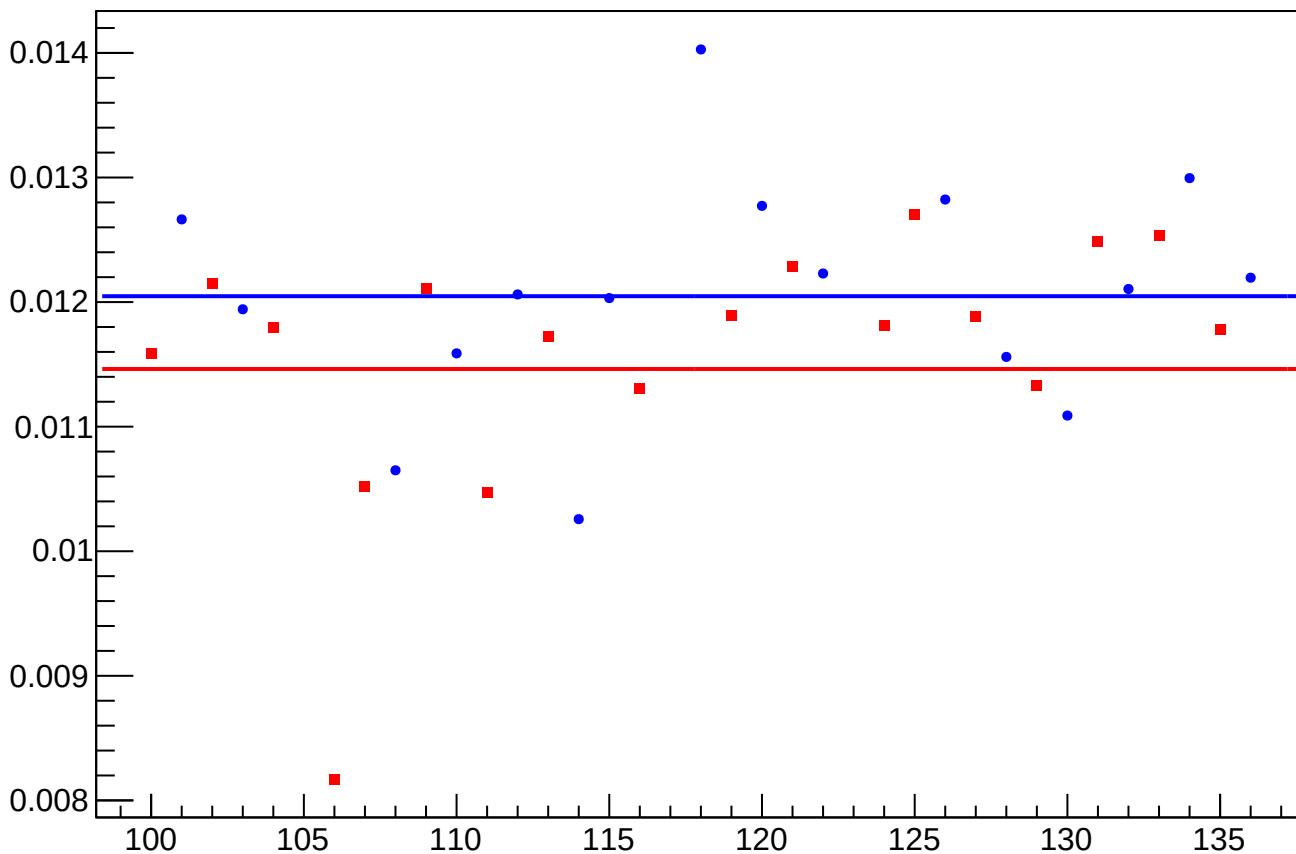
Right: -0.965+/-0.000 χ^2/NDF : 881526364.2/33

In: -0.946+/-0.000 χ^2/NDF :404509465.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.965+/-0.000 χ^2/NDF : 881526364.2/33

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 : 147068.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

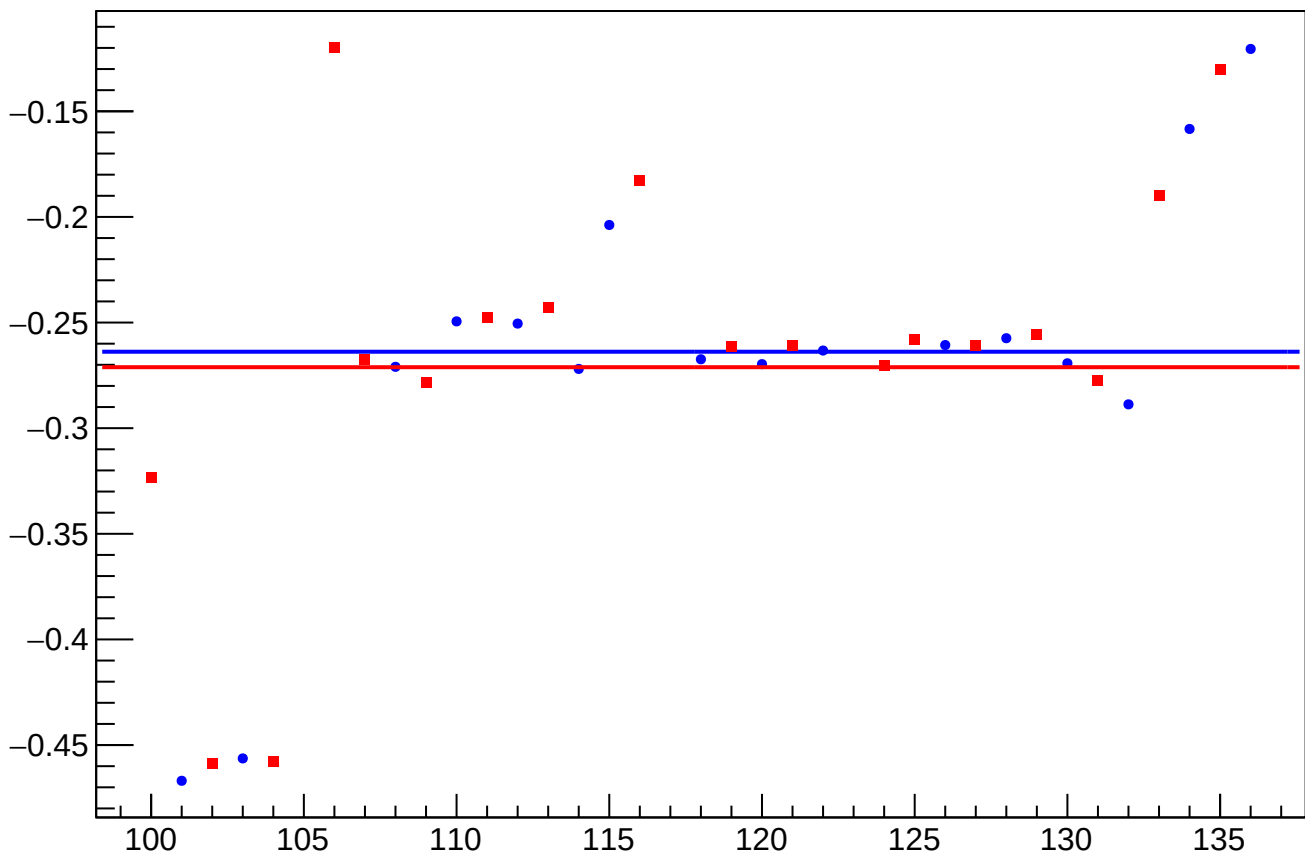
Right: 0.012+/-0.000 χ^2/NDF : 226612.1/33

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 : 226612.1/33

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: -0.271+/-0.000 χ^2/NDF : 4720449064.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

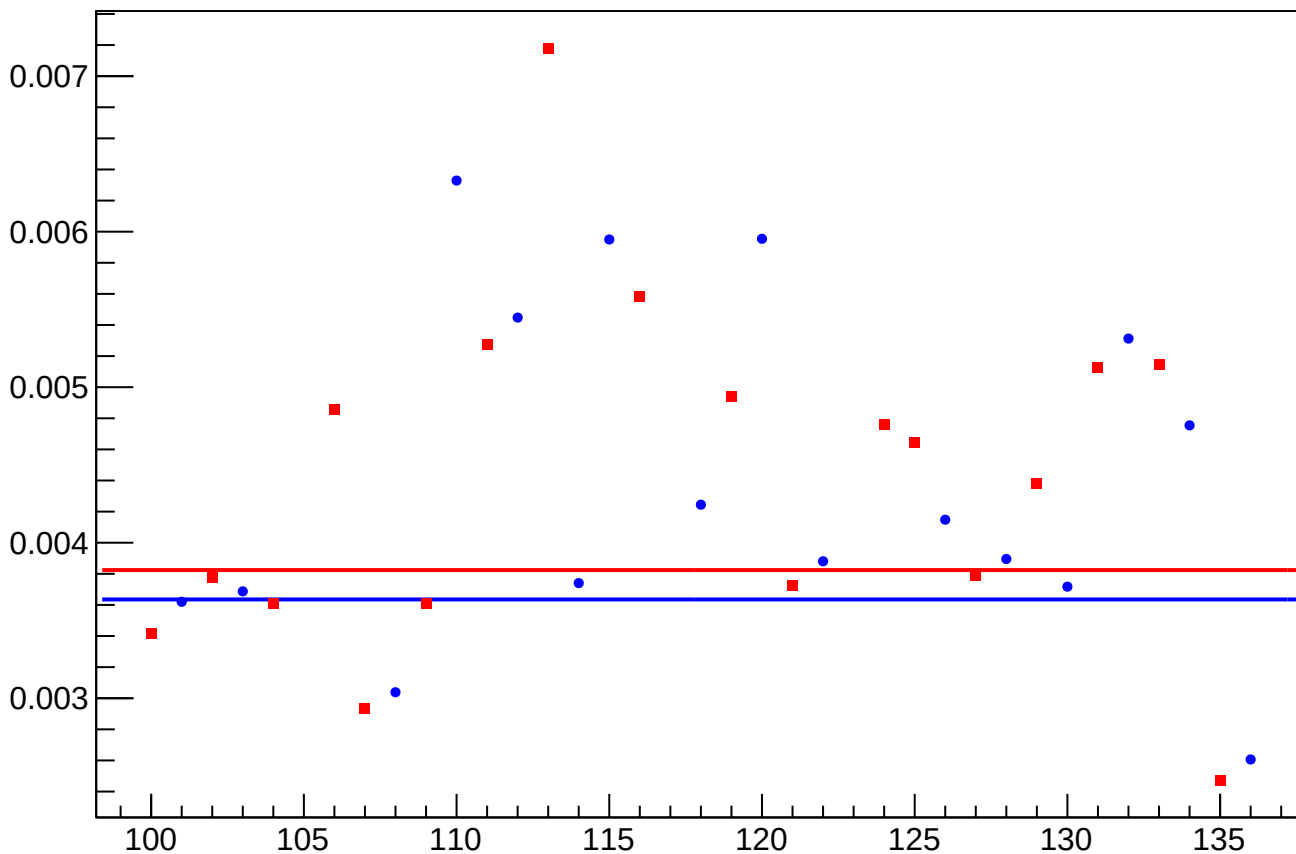
Right: -0.267+/-0.000 χ^2/NDF : 10837866085.7/33

In: -0.264+/-0.000 χ^2/NDF :6106171444.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.267+/-0.000 χ^2/NDF : 10837866085.7/33

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 : 811686.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

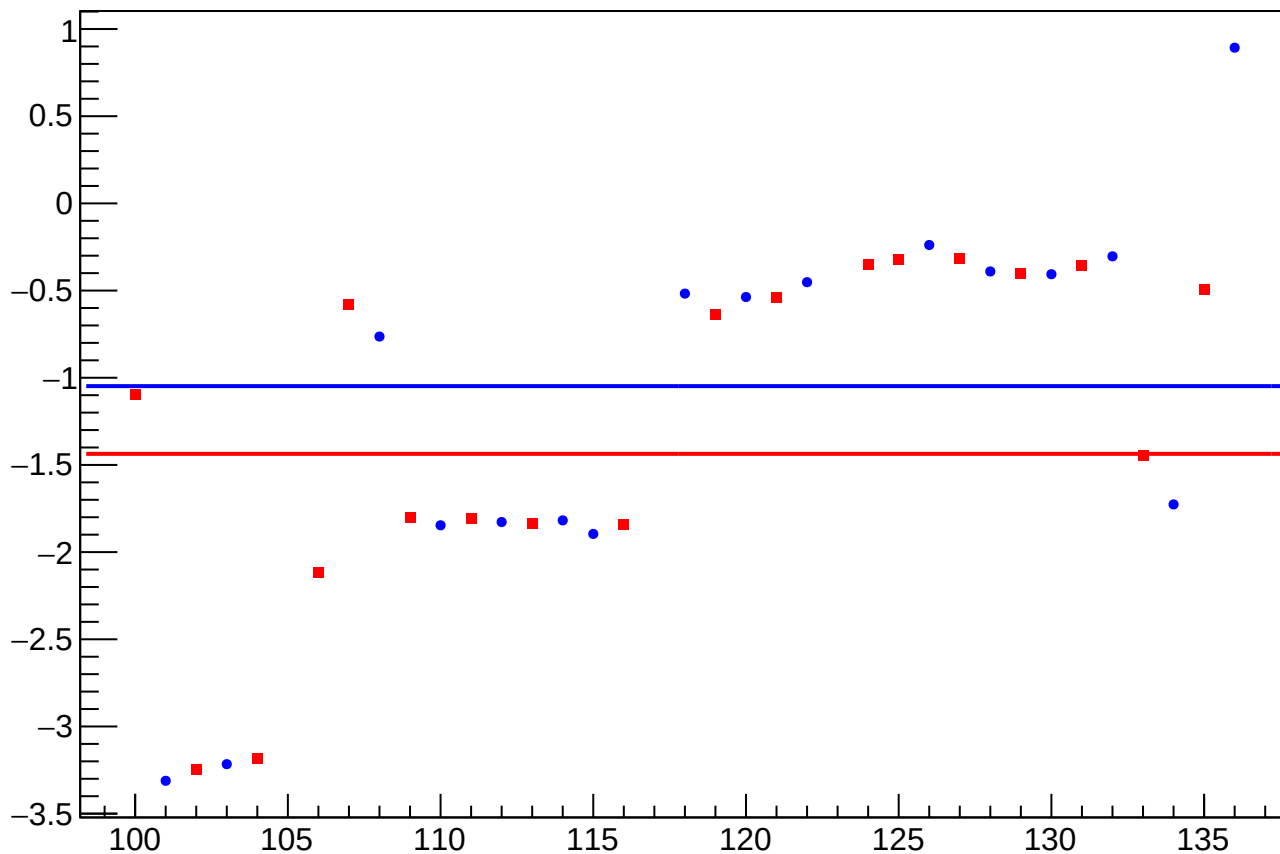
Right: 0.004+/-0.000 χ^2/NDF : 1555215.4/33

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 : 1555215.4/33

yield_bpm0r03X_mean vs Slug, Sign Corrected



Right In: -1.048+/-0.000

χ^2/NDF : 2347020985.5/15

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: -1.239+/-0.000

χ^2/NDF : 3775200900.6/33

Right Out: -1.436+/-0.000

χ^2/NDF : 1326701025.7/17

In: -1.048+/-0.000

χ^2/NDF : 2347020985.5/15

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

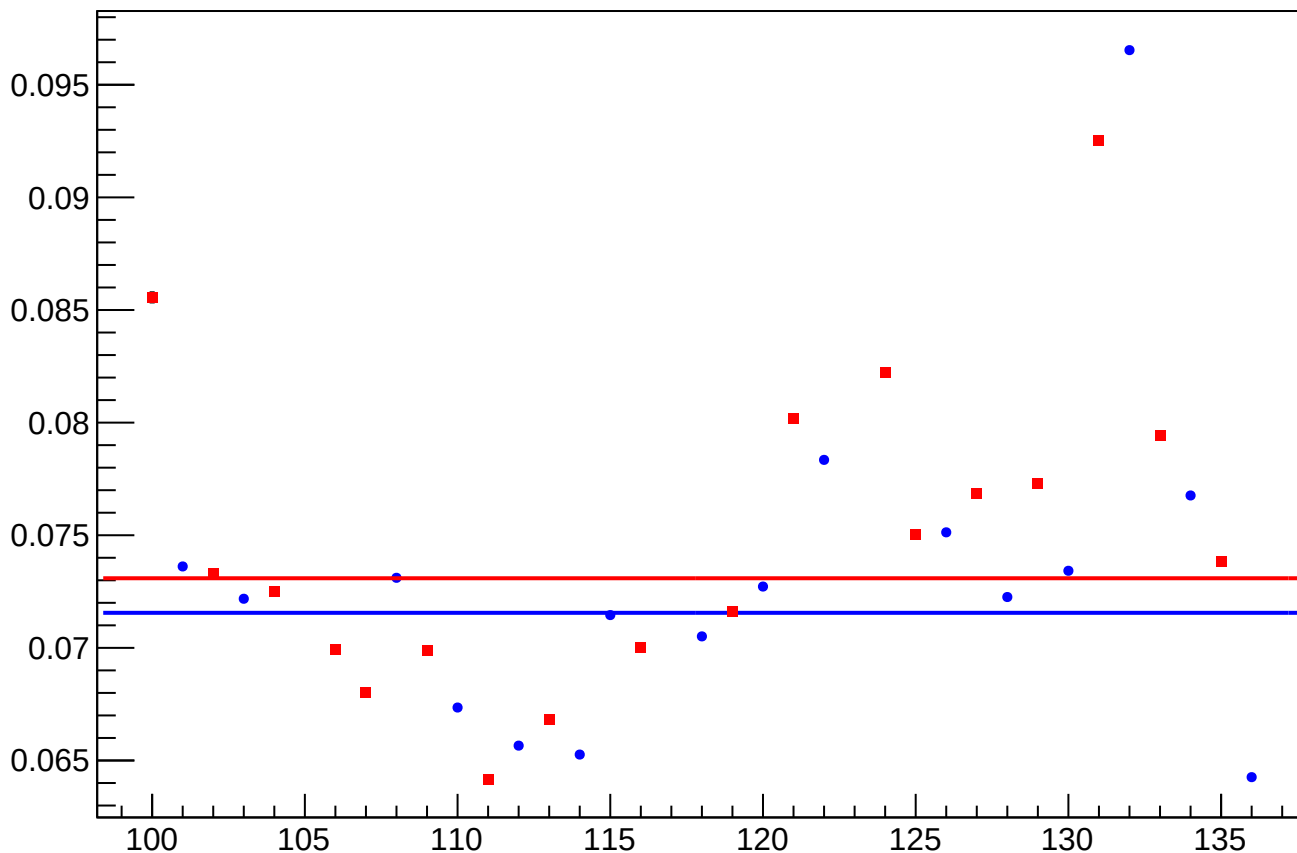
Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: -1.239+/-0.000

χ^2/NDF : 3775200900.6/33

yield_bpm0r03X_rms vs Slug, Sign Corrected



Right In: 0.072+/-0.000 χ^2/NDF : 101238.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 89202.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

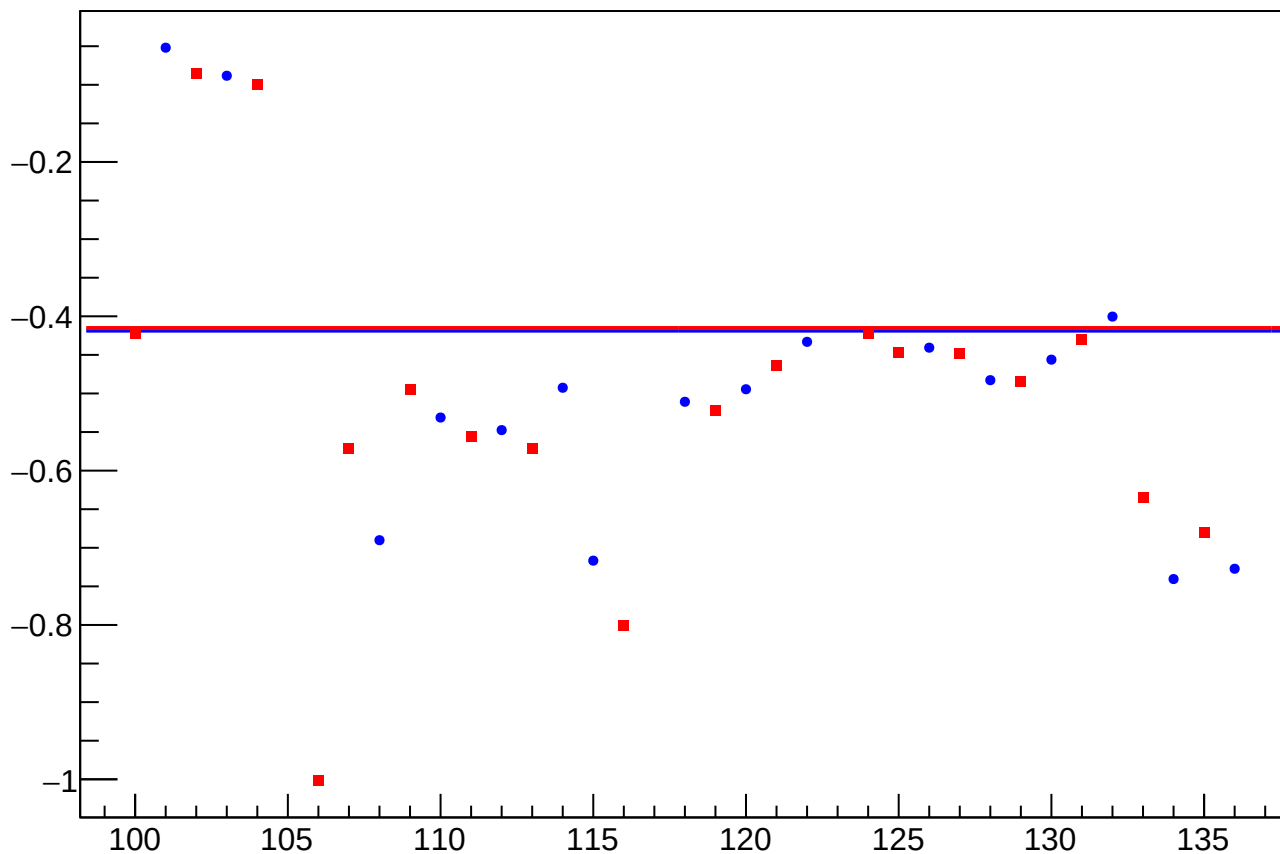
Right: 0.072+/-0.000 χ^2/NDF : 193609.2/33

In: 0.072+/-0.000 χ^2/NDF :101238.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.072+/-0.000 χ^2/NDF : 193609.2/33

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: -0.415+/-0.000 χ^2/NDF : 2962025537.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

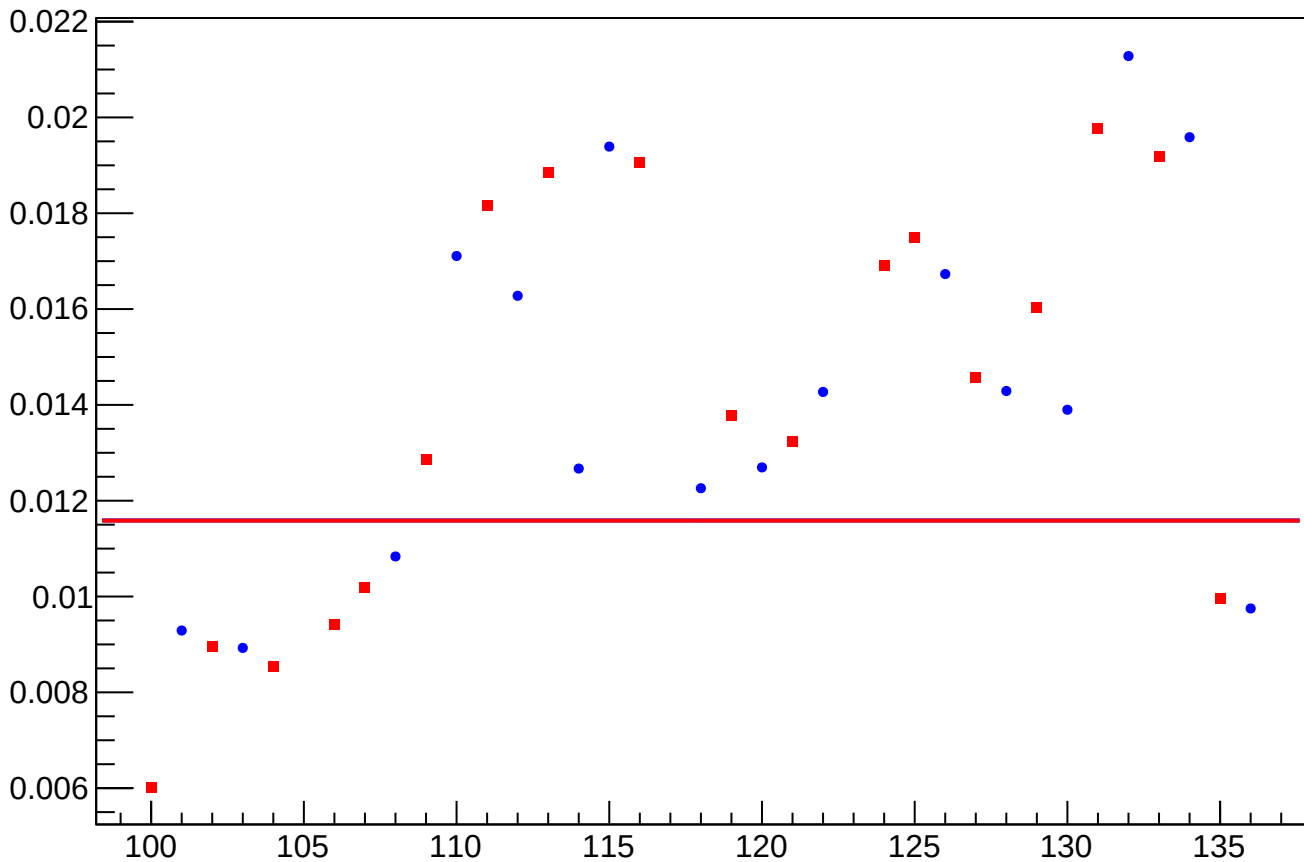
Right: -0.417+/-0.000 χ^2/NDF : 6034416361.6/33

In: -0.419+/-0.000 χ^2/NDF :3072147227.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.417+/-0.000 χ^2/NDF : 6034416361.6/33

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: 0.012+/-0.000 χ^2/NDF : 1150939.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

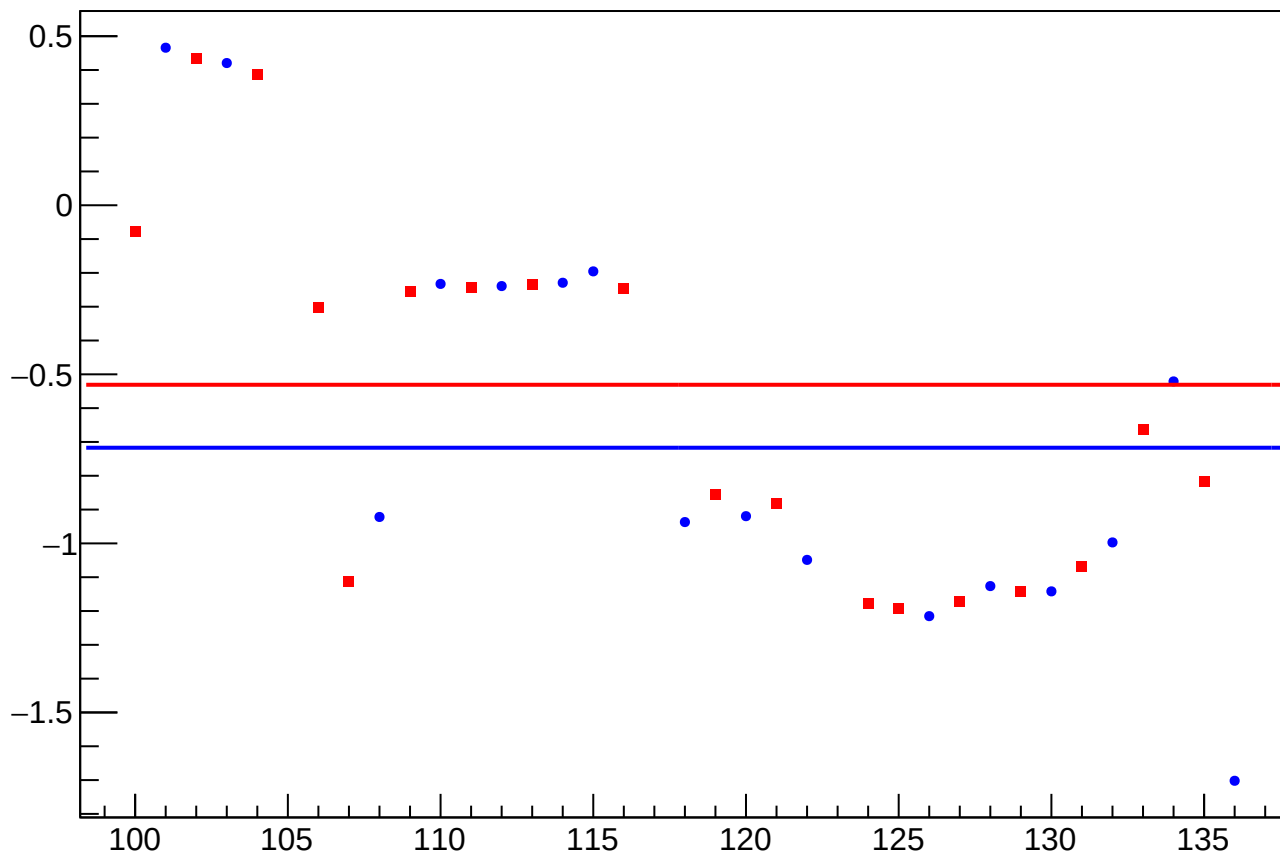
Right: 0.012+/-0.000 χ^2/NDF : 1937201.3/33

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 : 1937201.3/33

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: -0.531+/-0.000 χ^2/NDF : 268354678.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

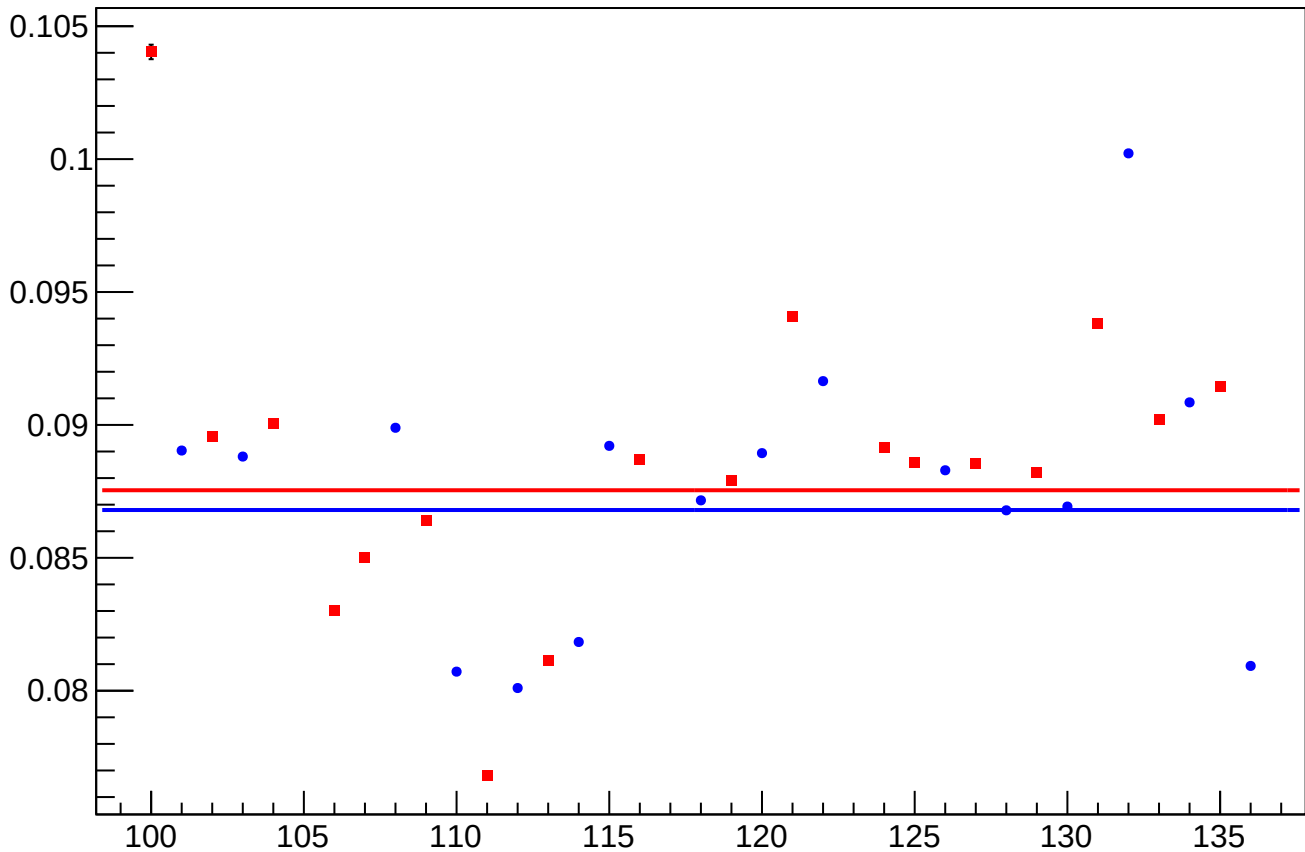
Right: -0.624+/-0.000 χ^2/NDF : 722221371.5/33

In: -0.717+/-0.000 χ^2/NDF :437423792.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.624+/-0.000 χ^2/NDF : 722221371.5/33

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: 0.088+/-0.000 χ^2/NDF : 41783.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

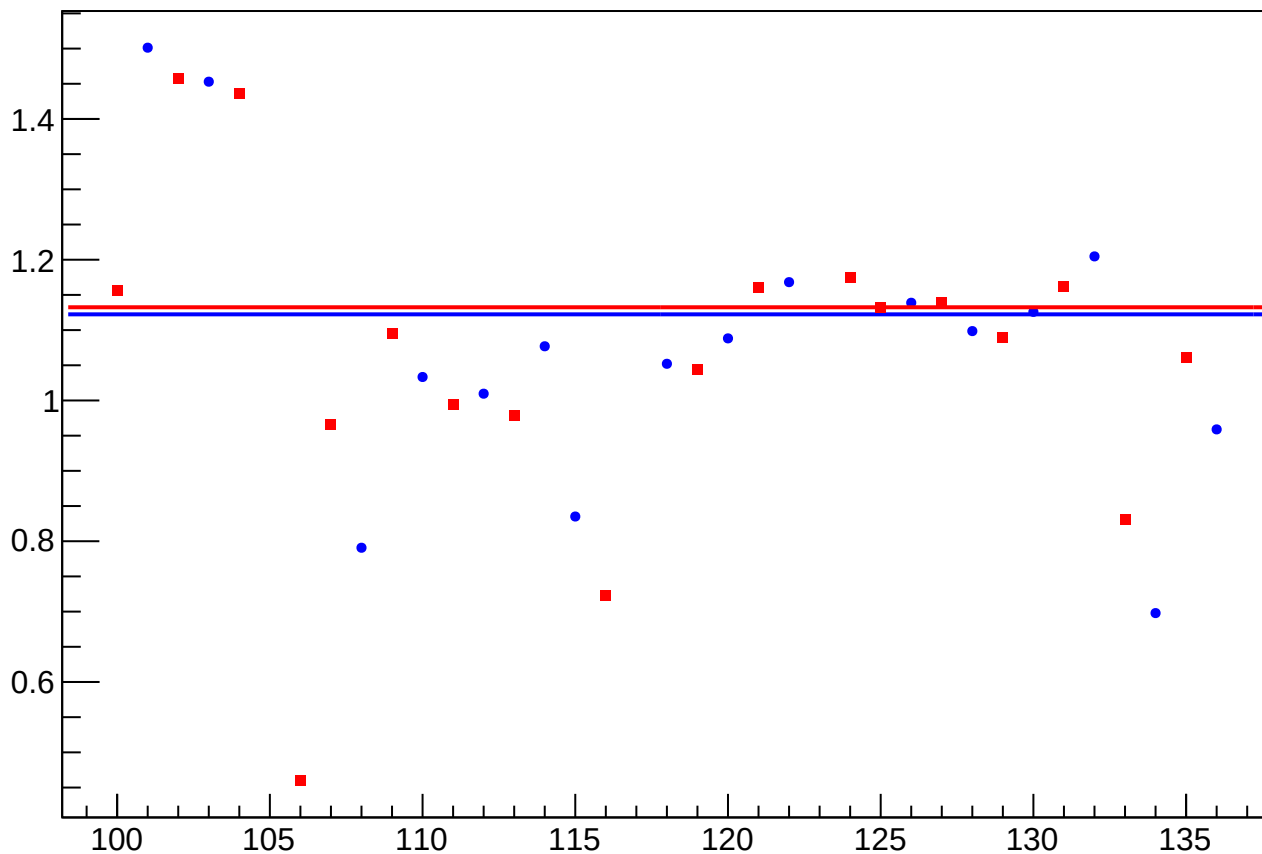
Right: 0.087+/-0.000 χ^2/NDF : 85883.7/33

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 : 85883.7/33

yield_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 1.122+/-0.000 χ^2/NDF : 1454303379.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.132+/-0.000 χ^2/NDF : 1492217051.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

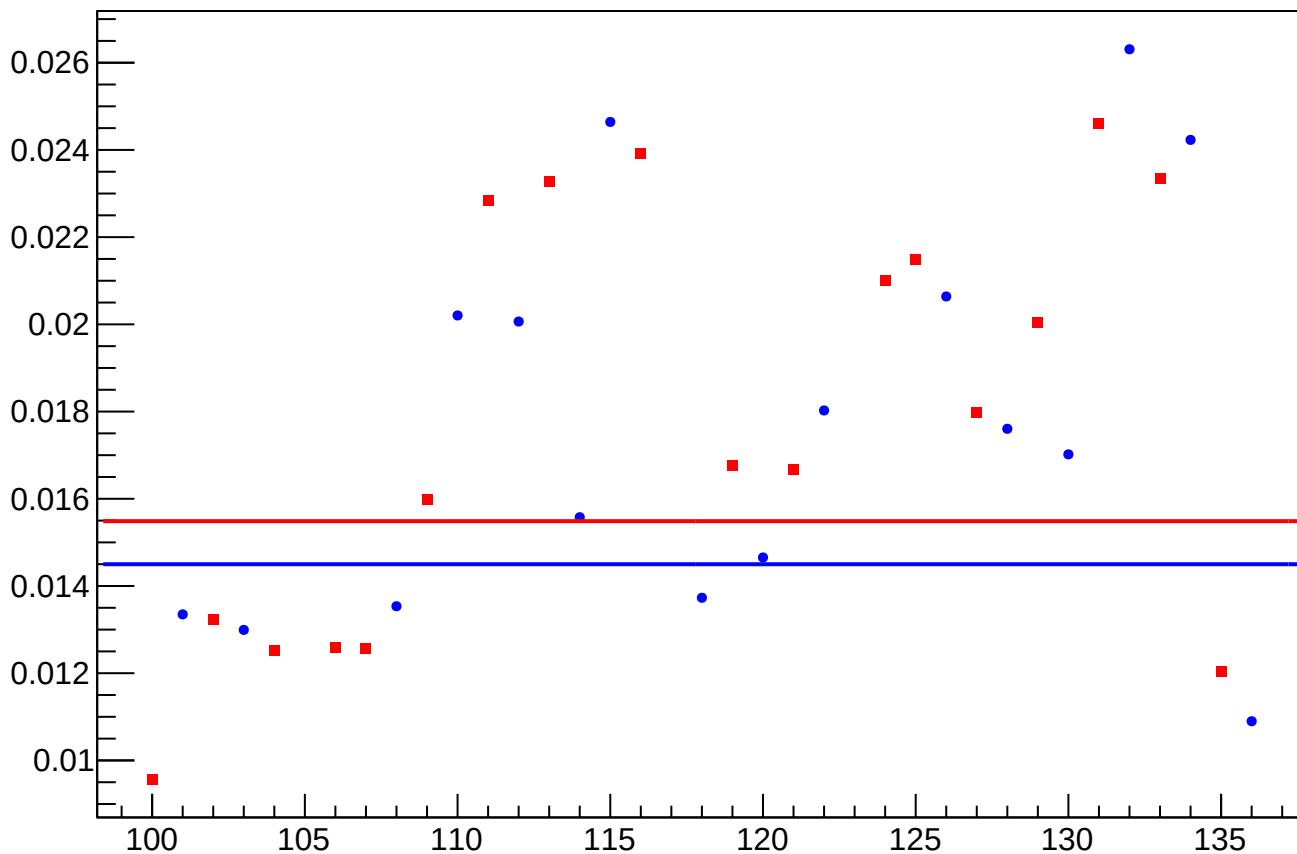
Right: 1.127+/-0.000 χ^2/NDF : 2947861969.1/33

In: 1.122+/-0.000 χ^2/NDF : 1454303379.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.127+/-0.000 χ^2/NDF : 2947861969.1/33

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 : 788863.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

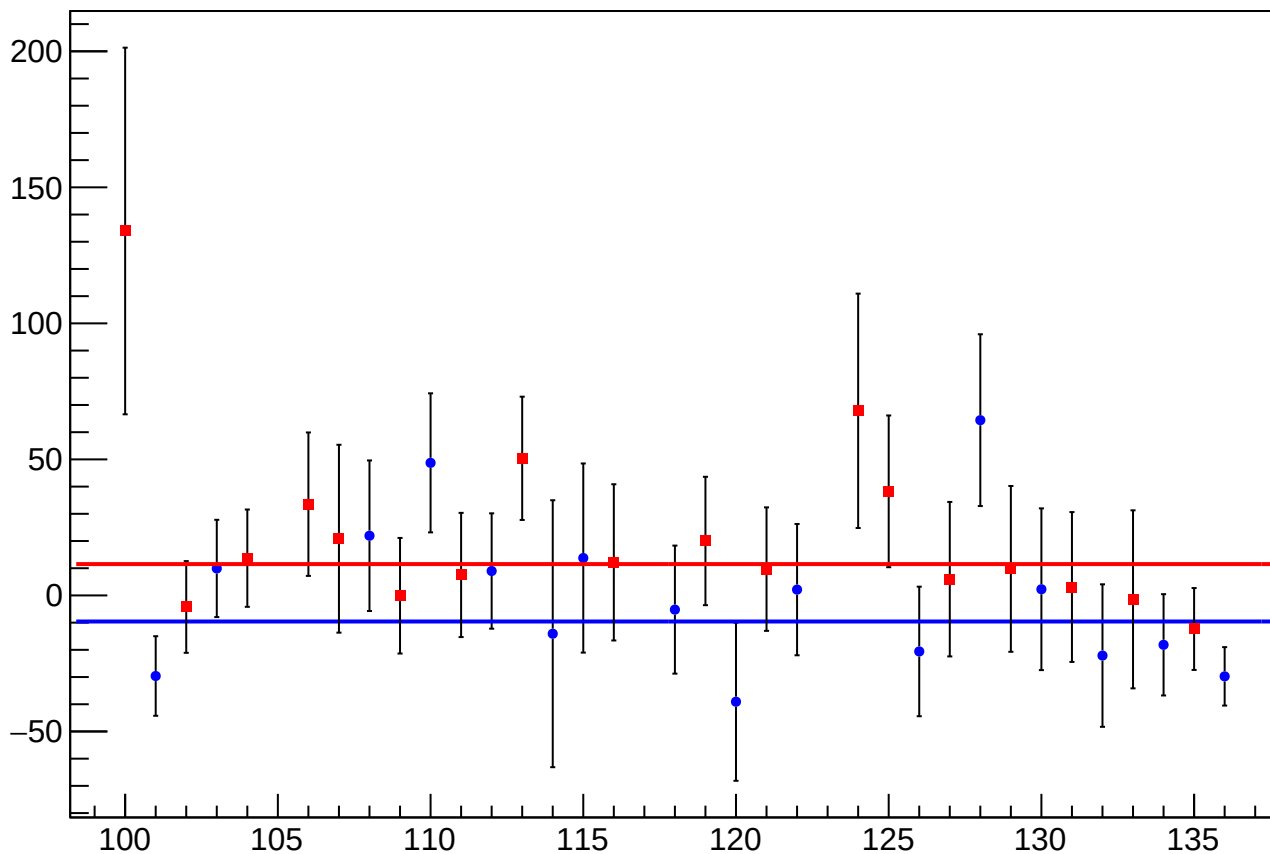
Right: 0.015+/-0.000 χ^2/NDF : 1525098.1/33

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 : 1525098.1/33

diff_bpm4aX_mean vs Slug, Sign Corrected



Right In: -9.581 ± 5.291 χ^2/NDF : 21.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.517 ± 5.681 χ^2/NDF : 13.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

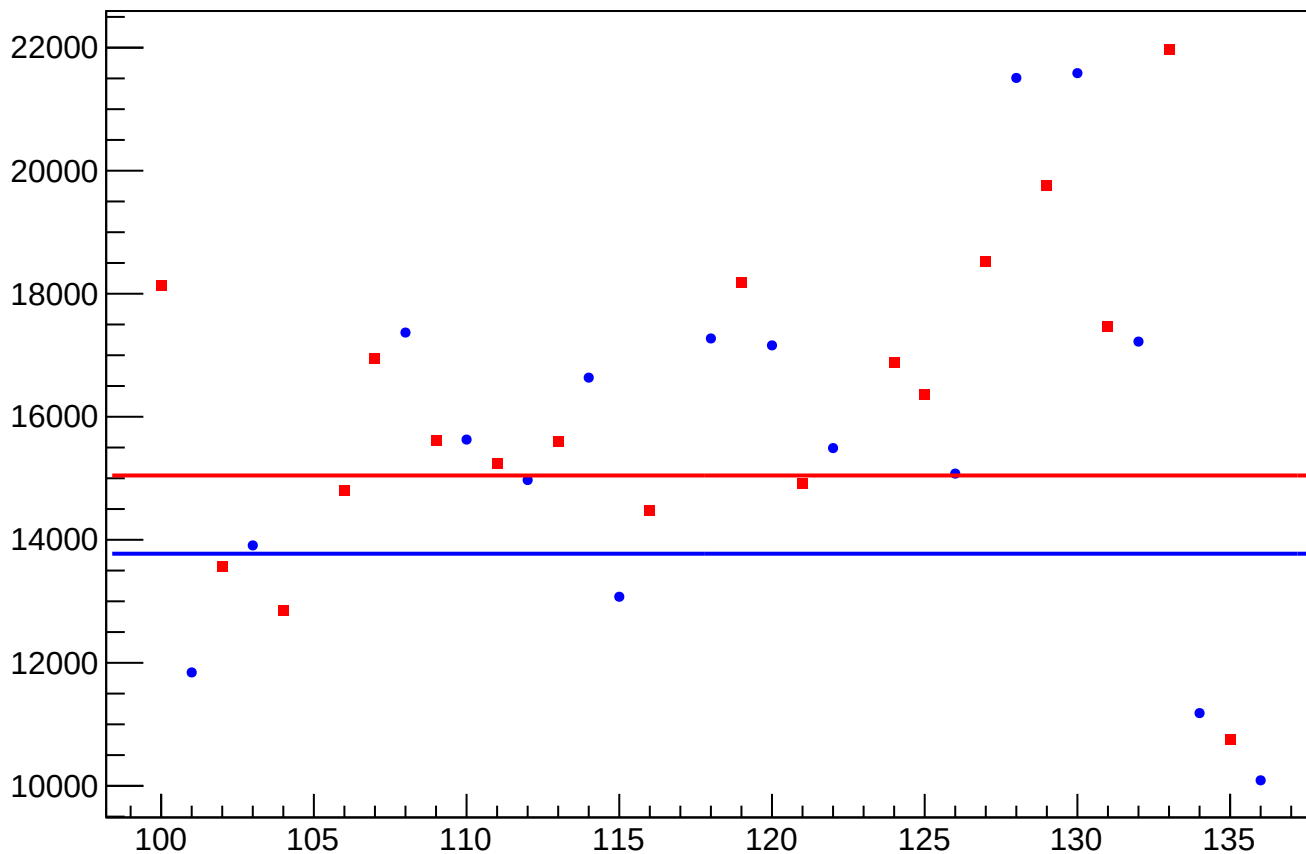
Right: 0.219 ± 3.872 χ^2/NDF : 43.1/33

In: -9.581 ± 5.291 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.219 ± 3.872 χ^2/NDF : 43.1/33

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: 15045.407+/-4.017 χ^2/NDF : 449057.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

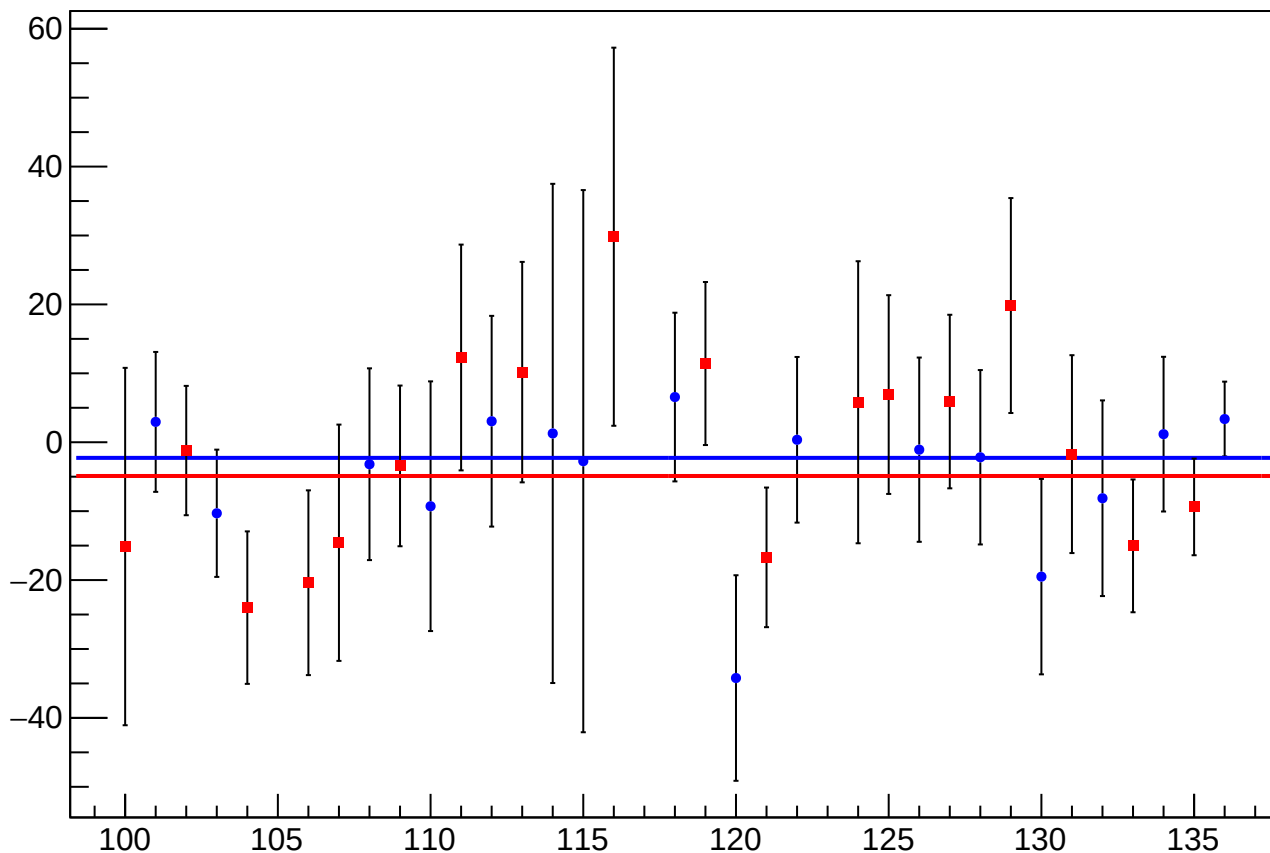
Right: 14364.505+/-2.738 χ^2/NDF : 1250301.5/33

In: 13773.886+/-3.741 χ^2/NDF : 747586.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14364.505+/-2.738 χ^2/NDF : 1250301.5/33

diff_bpm4aY_mean vs Slug, Sign Corrected



Right In: -2.267 $\pm$ 2.922 χ^2 /NDF: 9.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -4.897 $\pm$ 2.927 χ^2 /NDF: 17.6/17

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

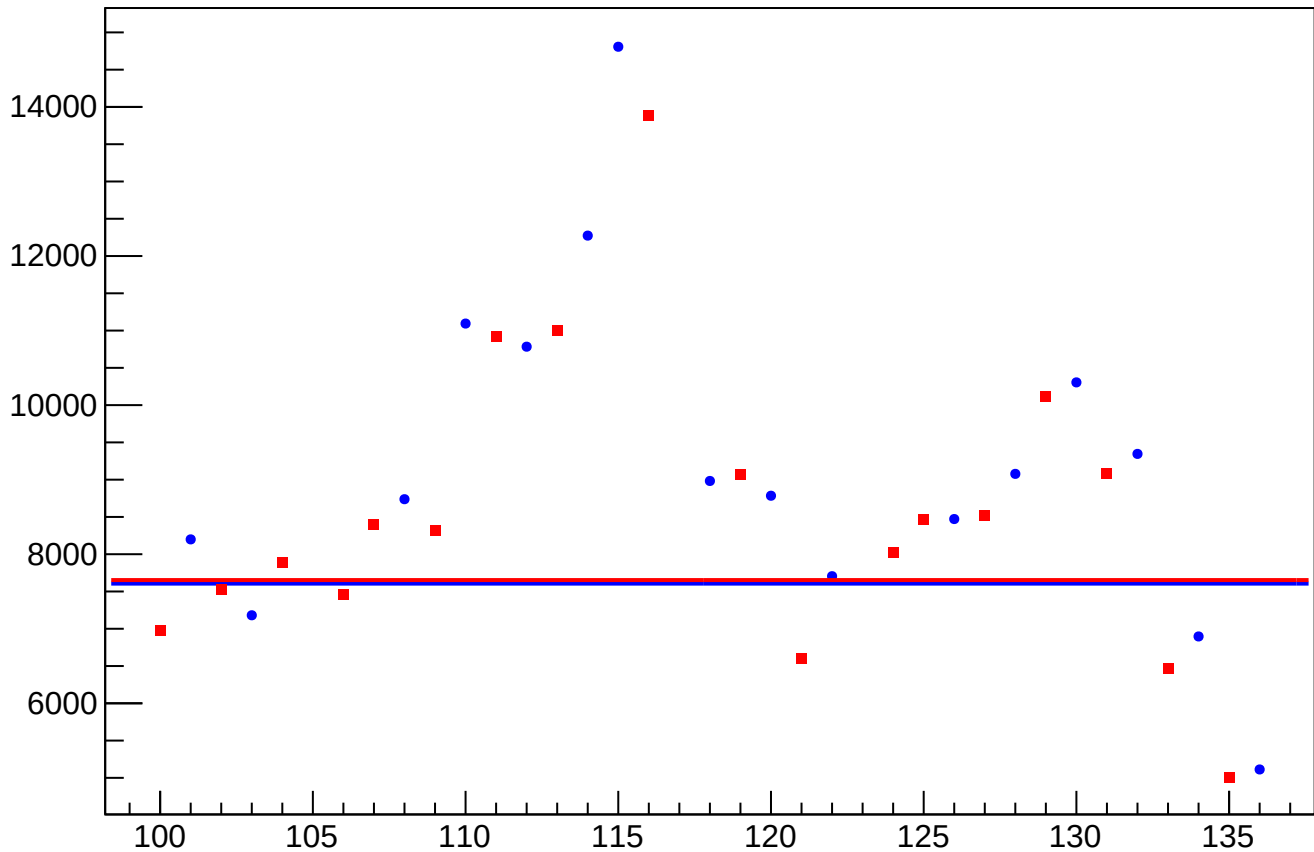
Right: -3.580 $\pm$ 2.068 χ^2 /NDF: 27.3/33

In: -2.267 $\pm$ 2.922 χ^2 /NDF:9.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -3.580 $\pm$ 2.068 χ^2 /NDF: 27.3/33

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: 7653.105+/-2.069 χ^2/NDF : 735511.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

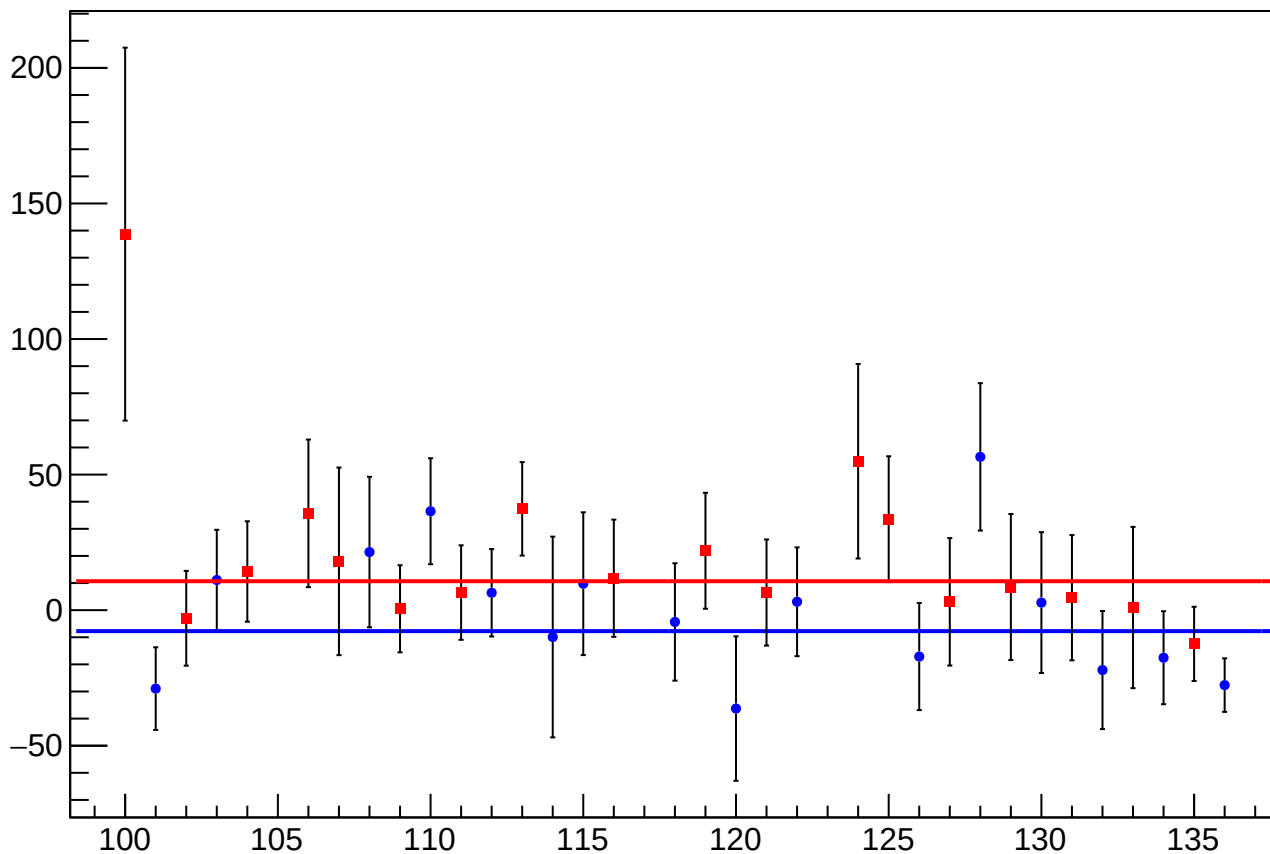
Right: 7629.366+/-1.462 χ^2/NDF : 1627268.3/33

In: 7605.700+/-2.066 χ^2/NDF : 891494.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7629.366+/-1.462 χ^2/NDF : 1627268.3/33

diff_bpm4eX_mean vs Slug, Sign Corrected



Right In: -7.741 $\pm$ 4.748 χ^2/NDF : 22.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 10.667 $\pm$ 4.986 χ^2/NDF : 13.8/17

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

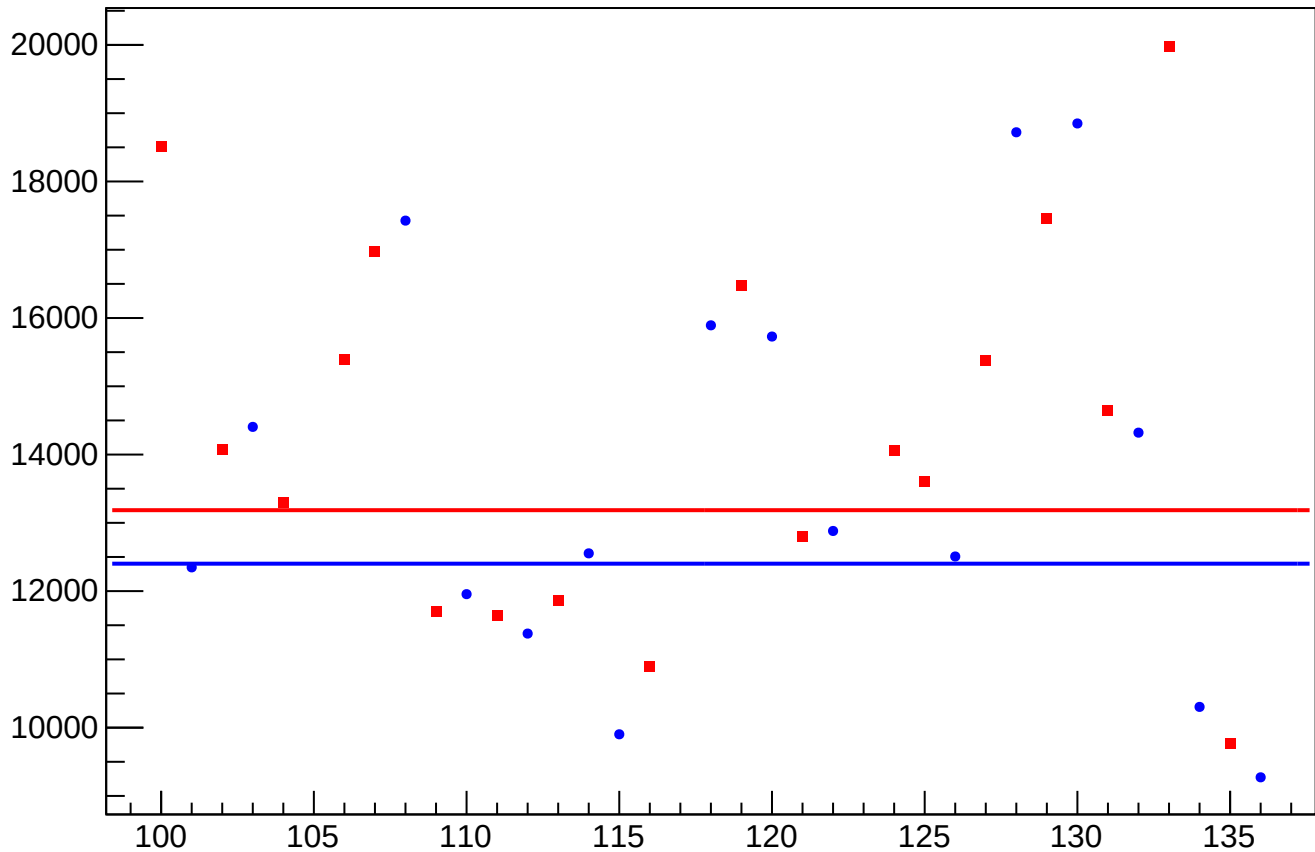
Right: 1.014 $\pm$ 3.438 χ^2/NDF : 43.6/33

In: -7.741 $\pm$ 4.748 χ^2/NDF : 22.7/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1.014 $\pm$ 3.438 χ^2/NDF : 43.6/33

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: 13185.388+/-3.525 χ^2/NDF : 476125.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

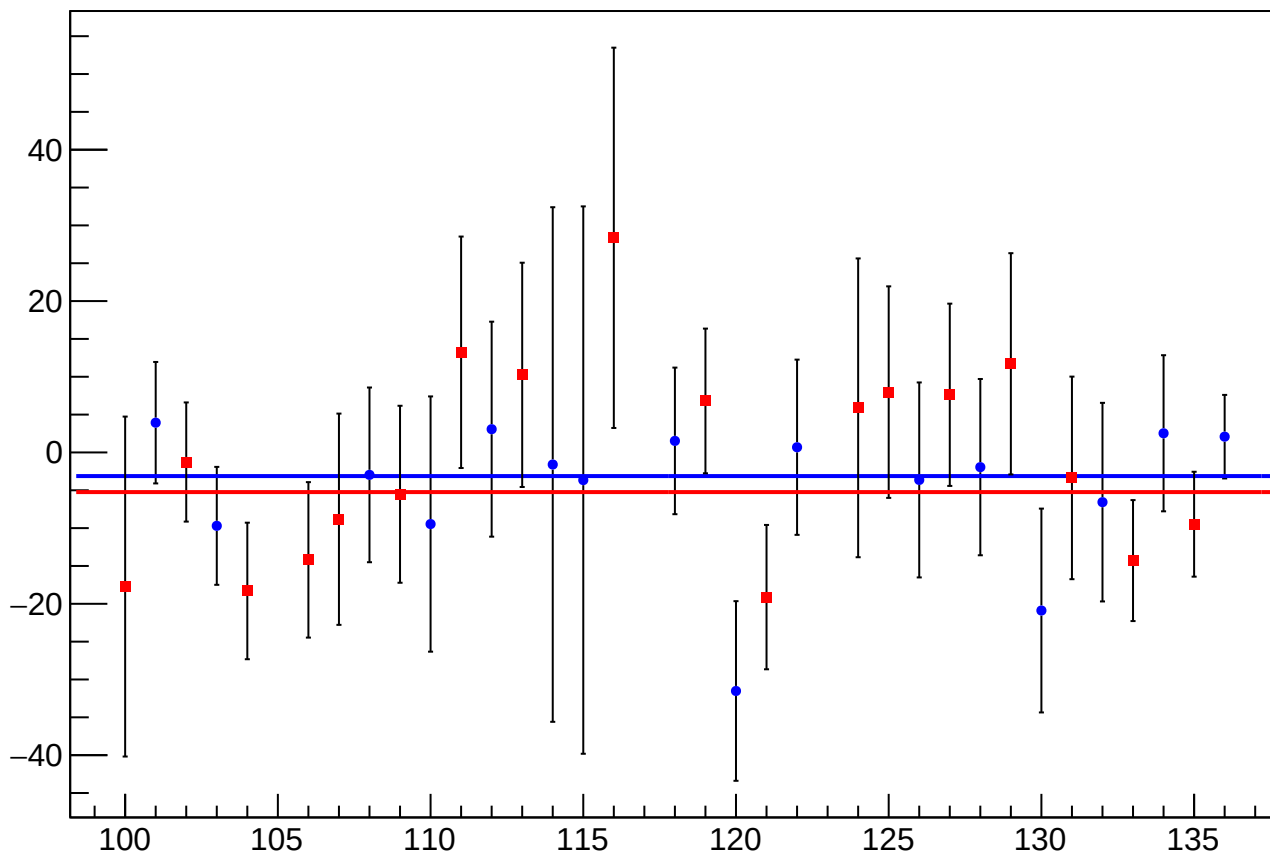
Right: 12774.468+/-2.431 χ^2/NDF : 1180344.6/33

In: 12401.769+/-3.357 χ^2/NDF : 678310.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12774.468+/-2.431 χ^2/NDF : 1180344.6/33

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: -5.239+/-2.617 χ^2/NDF : 16.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

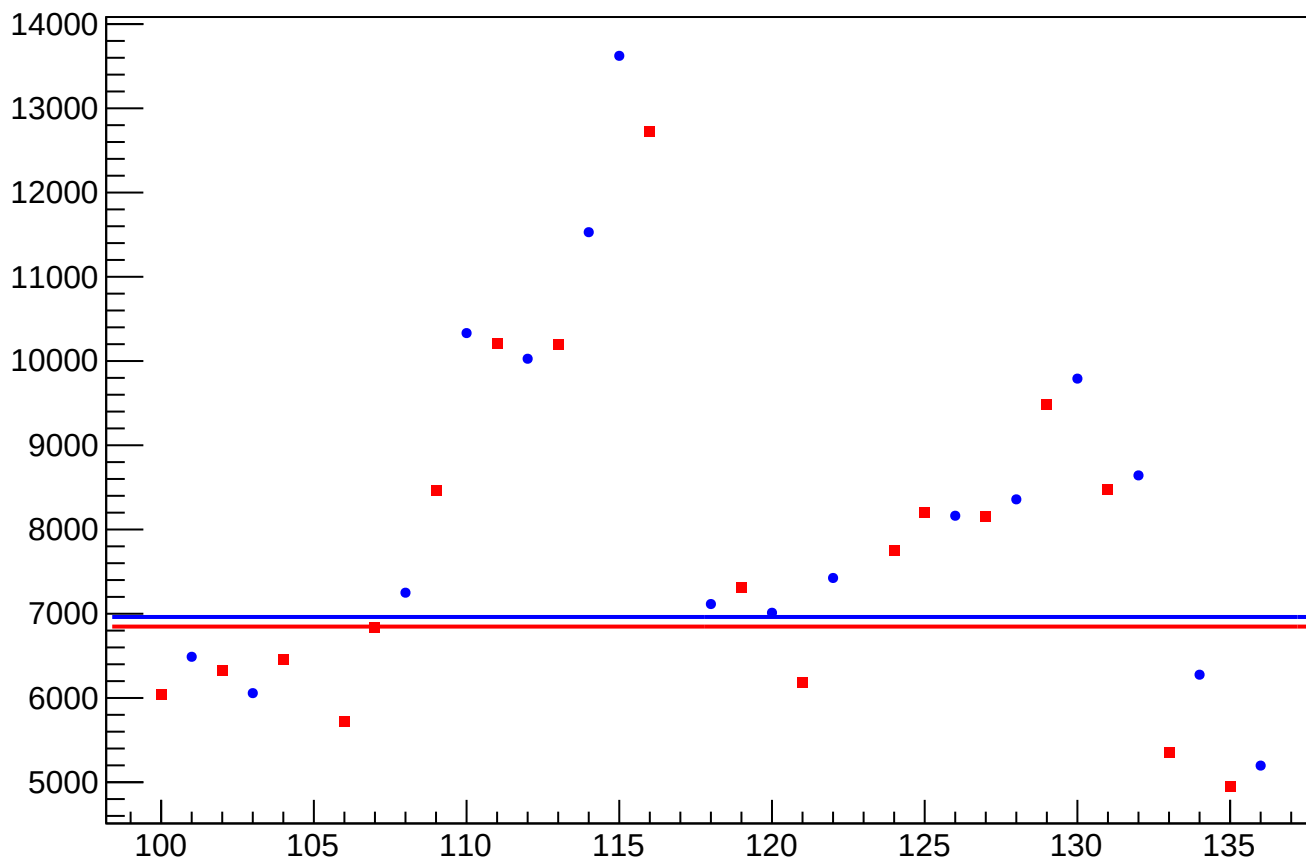
Right: -4.197+/-1.864 χ^2/NDF : 28.1/33

In: -3.123+/-2.656 χ^2/NDF : 10.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.197+/-1.864 χ^2/NDF : 28.1/33

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: 6847.539+/-1.851 χ^2/NDF : 760808.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

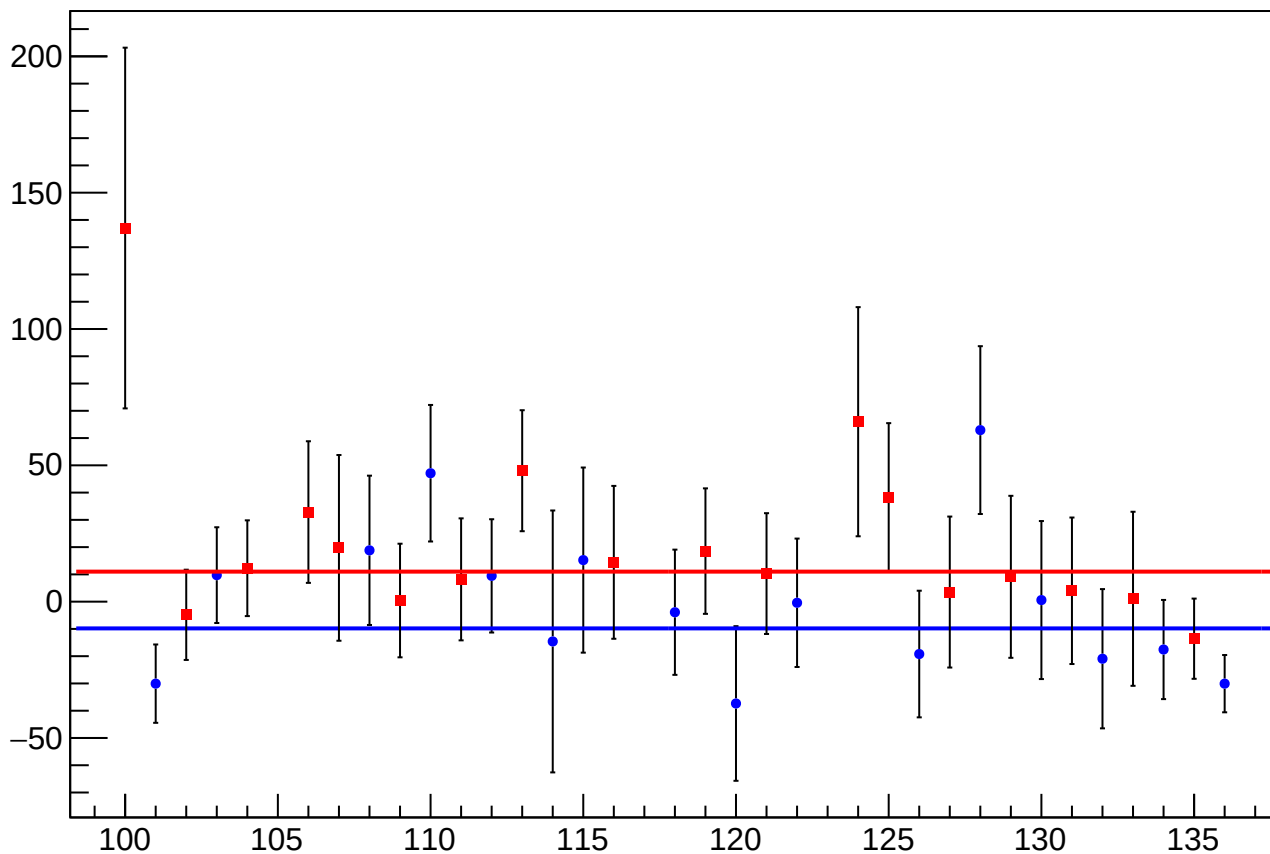
Right: 6903.737+/-1.318 χ^2/NDF : 1459091.0/33

In: 6961.606+/-1.878 χ^2/NDF : 696410.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6903.737+/-1.318 χ^2/NDF : 1459091.0/33

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: 11.013+/-5.560 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

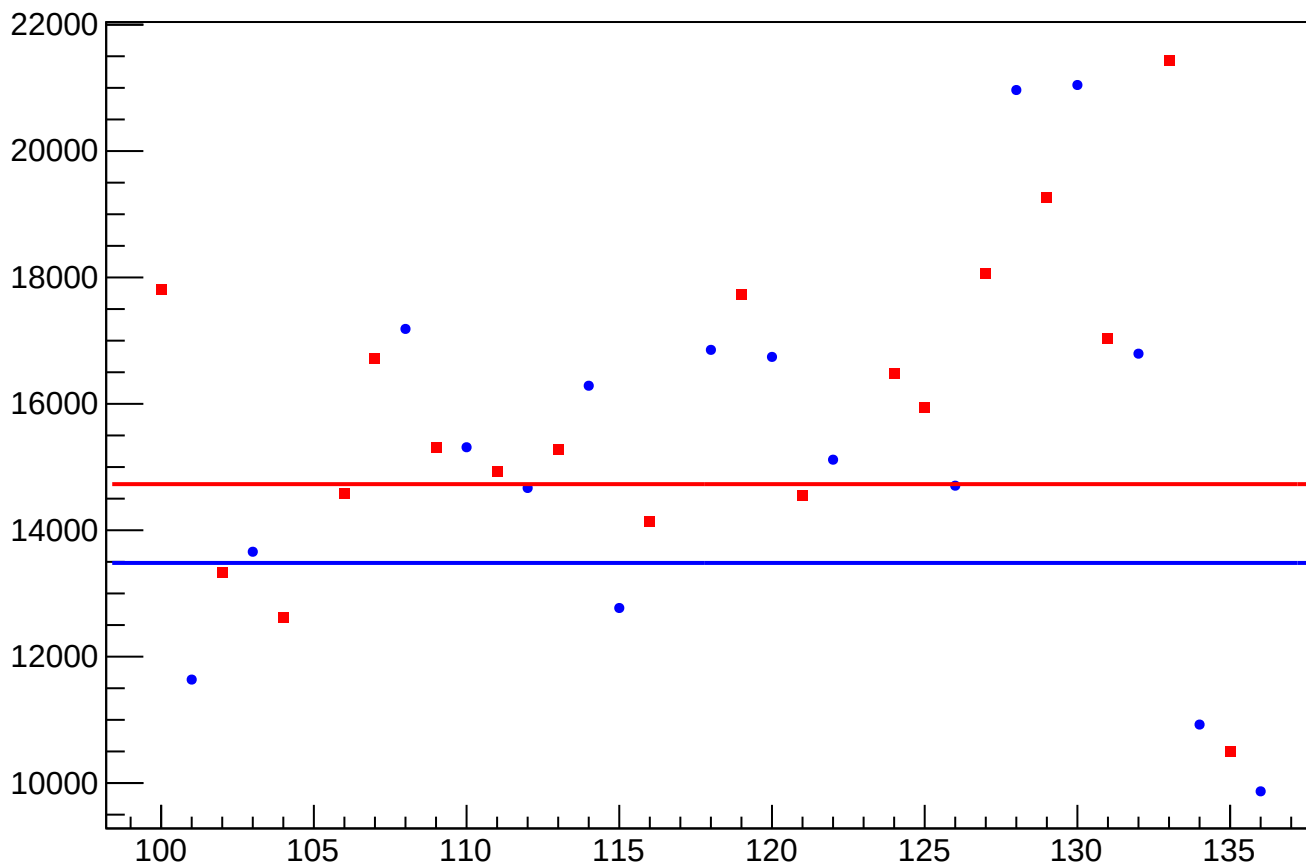
Right: -0.139+/-3.789 χ^2/NDF : 43.8/33

In: -9.810+/-5.178 χ^2/NDF : 22.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.139+/-3.789 χ^2/NDF : 43.8/33

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: 14729.691+/-3.932 χ^2/NDF : 443721.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

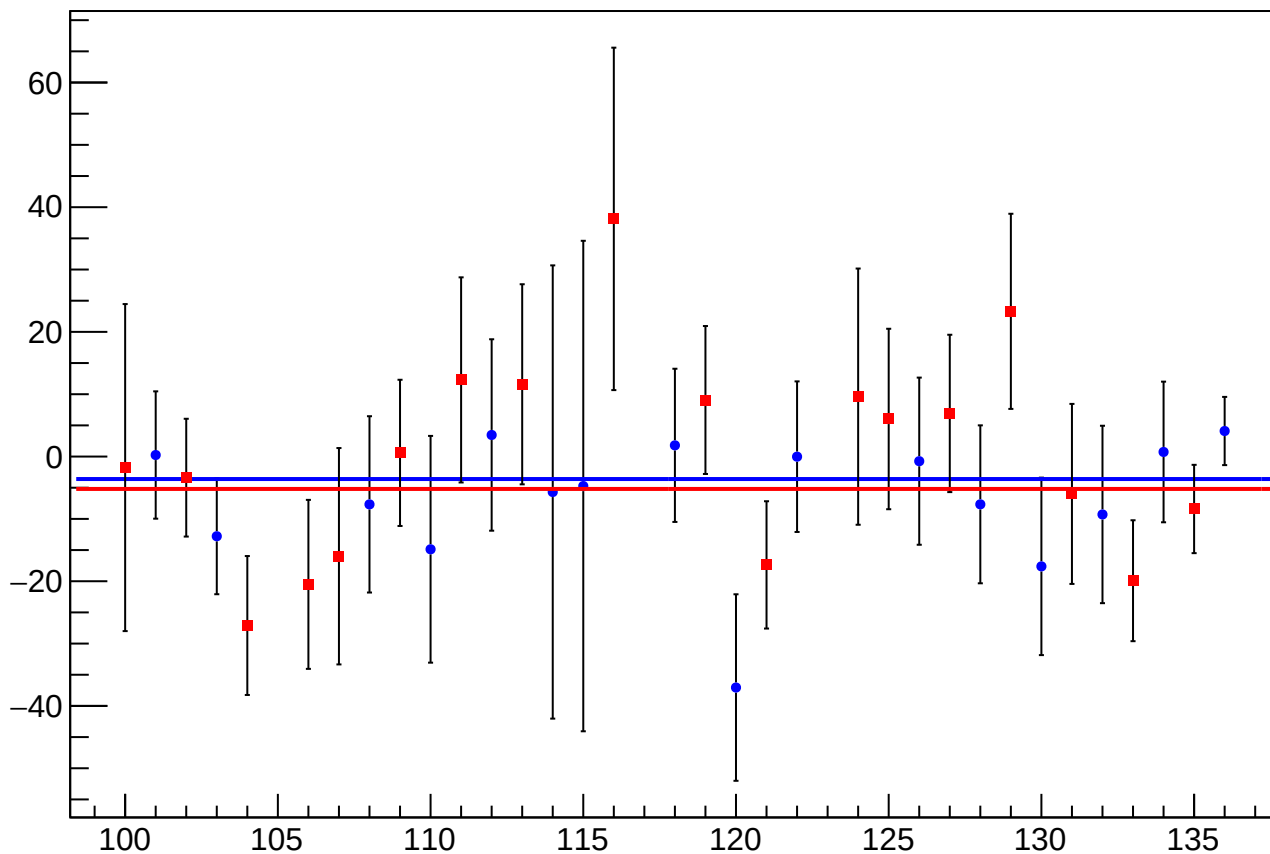
Right: 14061.947+/-2.680 χ^2/NDF : 1241281.0/33

In: 13482.879+/-3.661 χ^2/NDF : 743704.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14061.947+/-2.680 χ^2/NDF : 1241281.0/33

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: -5.195 ± 2.946 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

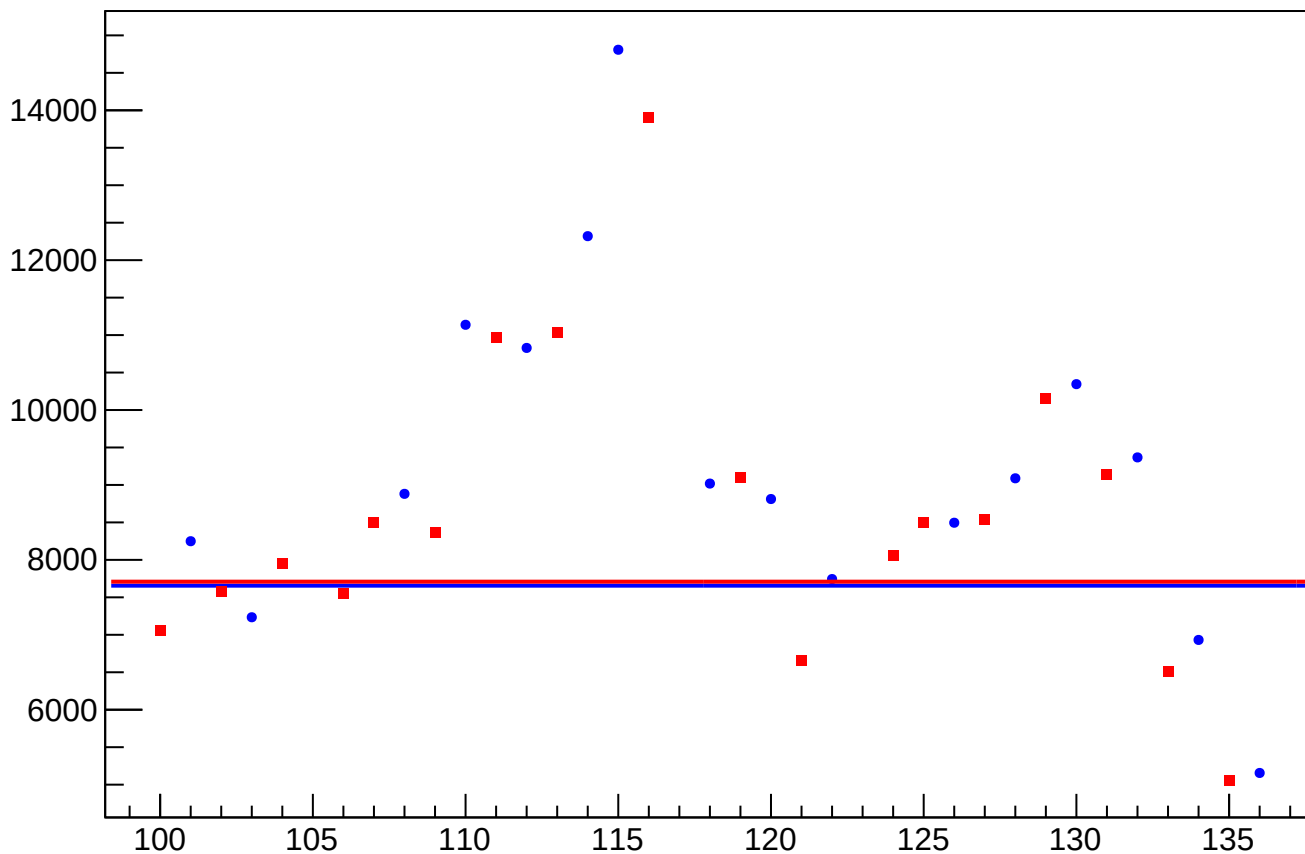
Right: -4.399 ± 2.081 χ^2/NDF : 31.9/33

In: -3.605 ± 2.940 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.399 ± 2.081 χ^2/NDF : 31.9/33

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: 7709.121+/-2.083 χ^2/NDF : 722607.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

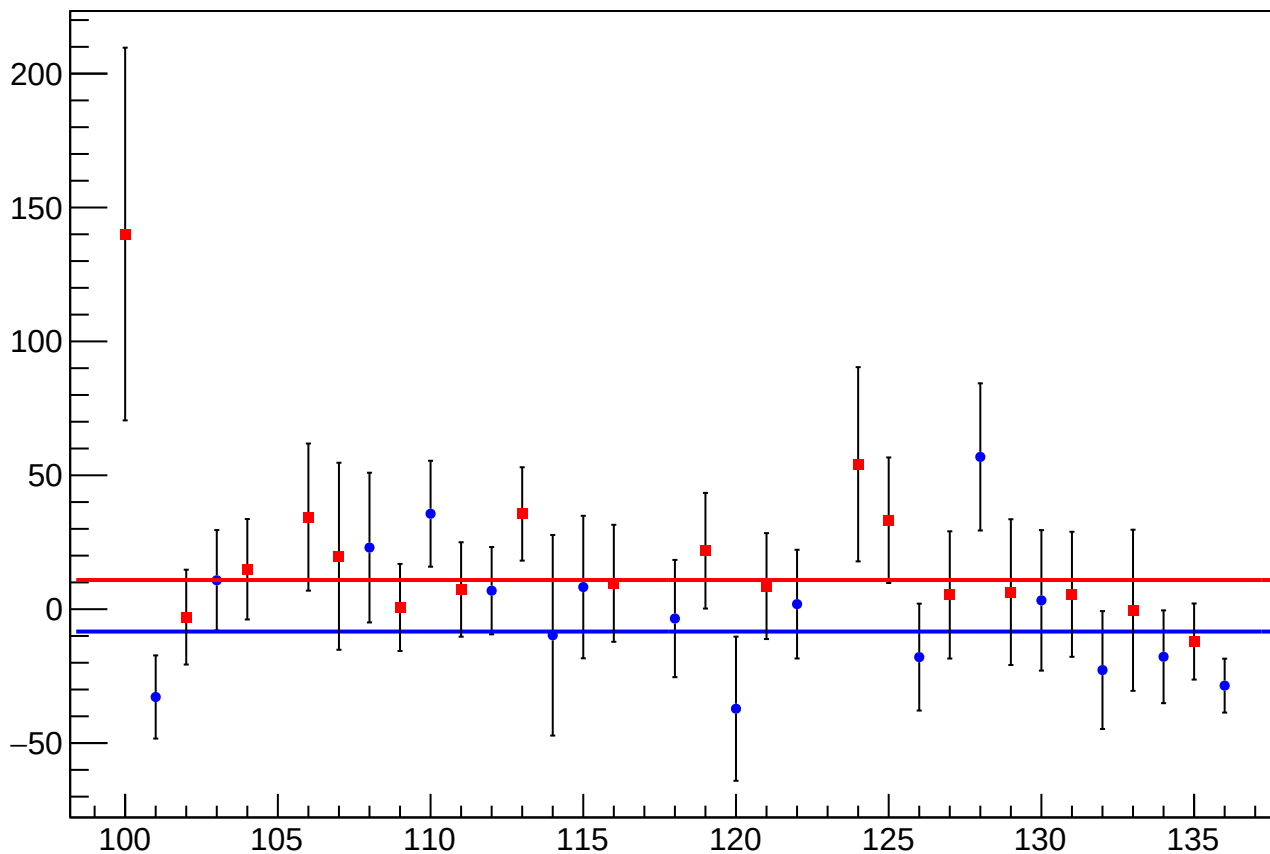
Right: 7682.429+/-1.472 χ^2/NDF : 1602705.0/33

In: 7655.851+/-2.079 χ^2/NDF :879769.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 7682.429+/-1.472 χ^2/NDF : 1602705.0/33

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: 10.892+/-5.059 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

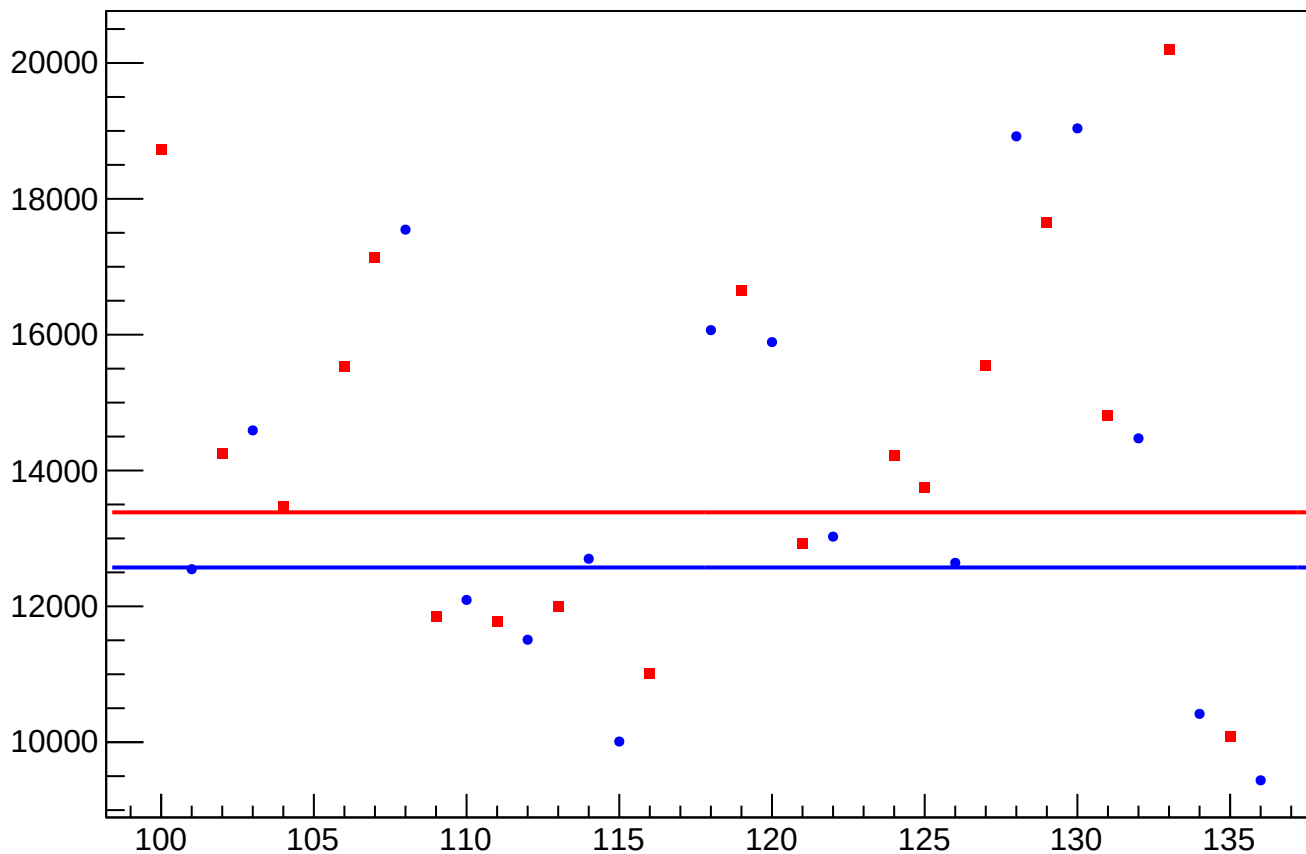
Right: 0.792+/-3.487 χ^2/NDF : 43.7/33

In: -8.352+/-4.814 χ^2/NDF : 23.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.792+/-3.487 χ^2/NDF : 43.7/33

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: 13384.341+/-3.578 χ^2/NDF : 454875.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

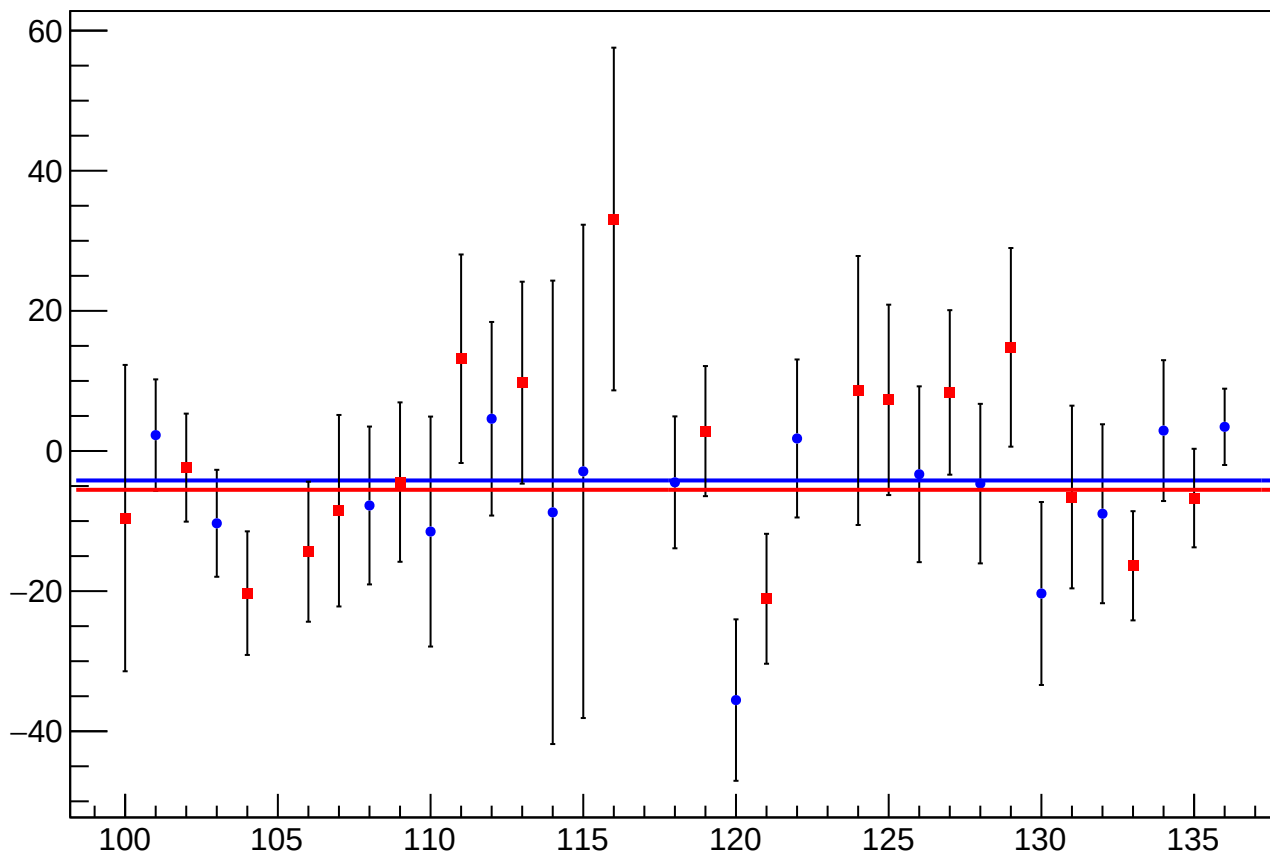
Right: 12958.280+/-2.466 χ^2/NDF : 1146925.3/33

In: 12572.586+/-3.404 χ^2/NDF :665026.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 12958.280+/-2.466 χ^2/NDF : 1146925.3/33

diff_bpm4ecY_mean vs Slug, Sign Corrected



Right In: -4.204+/-2.600 χ^2 /NDF: 13.9/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -5.539+/-2.565 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

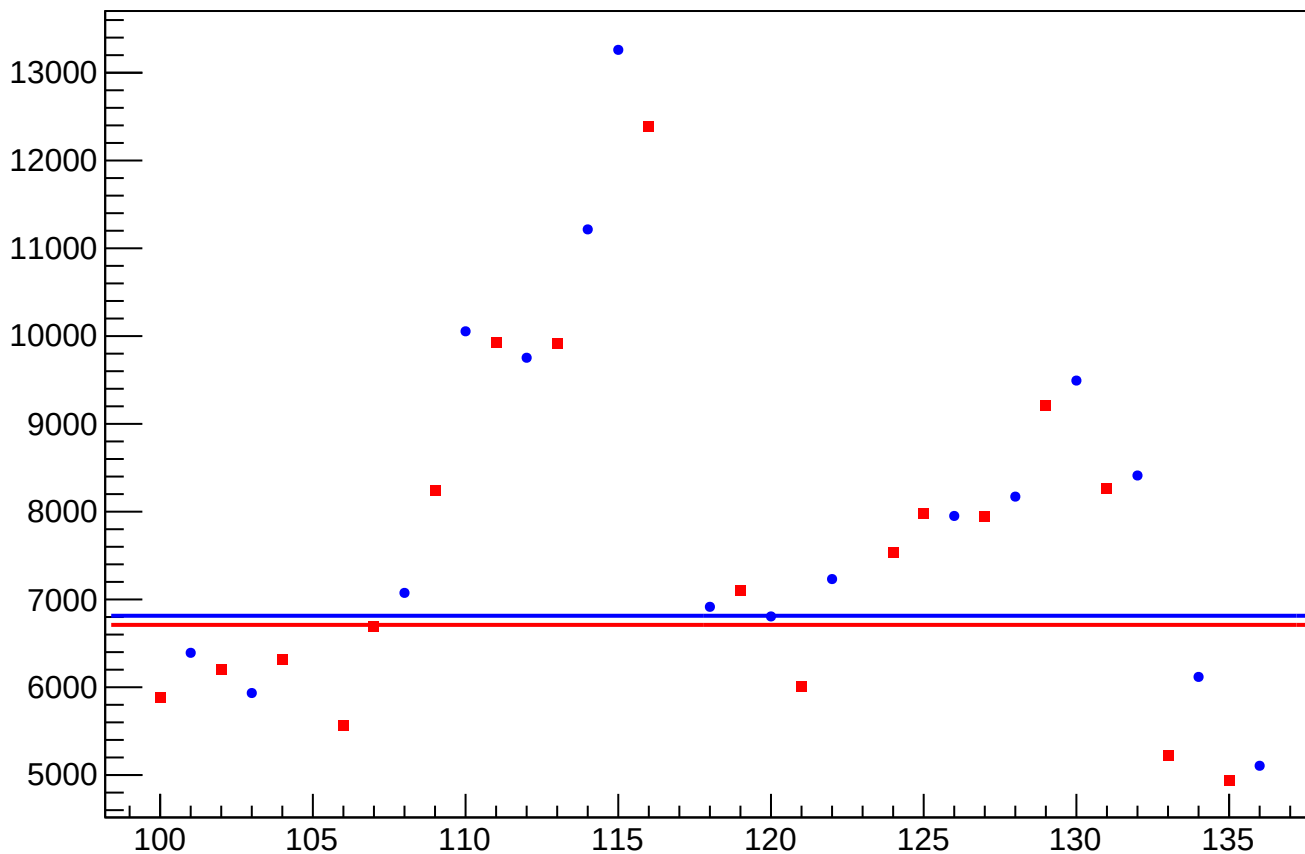
Right: -4.881+/-1.826 χ^2 /NDF: 33.5/33

In: -4.204+/-2.600 χ^2 /NDF:13.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -4.881+/-1.826 χ^2 /NDF: 33.5/33

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: 6710.349+/-1.813 χ^2/NDF : 726303.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

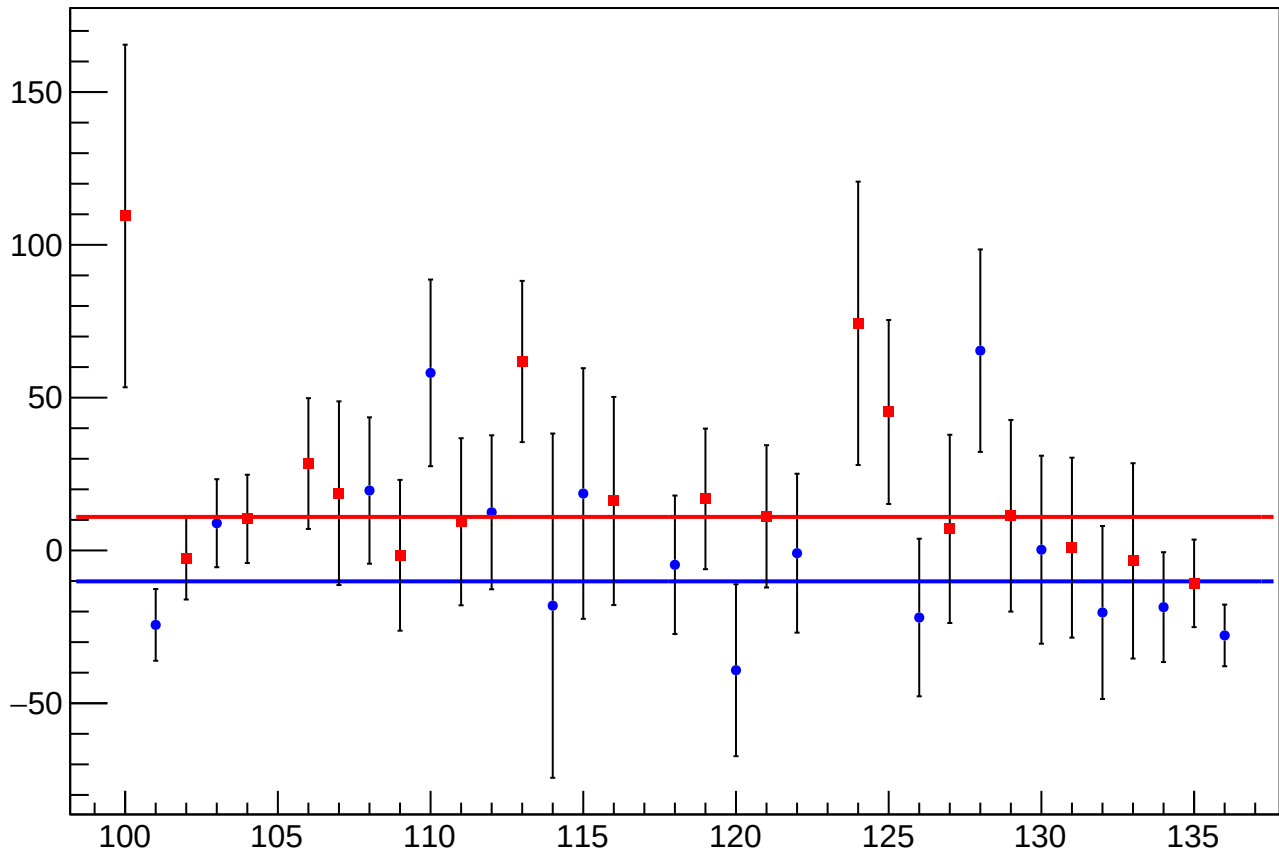
Right: 6761.597+/-1.291 χ^2/NDF : 1402016.6/33

In: 6814.282+/-1.839 χ^2/NDF : 674093.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6761.597+/-1.291 χ^2/NDF : 1402016.6/33

diff_bpm1X_mean vs Slug, Sign Corrected



Right In: -10.113+/-5.017 χ^2/NDF : 21.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.979+/-5.464 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

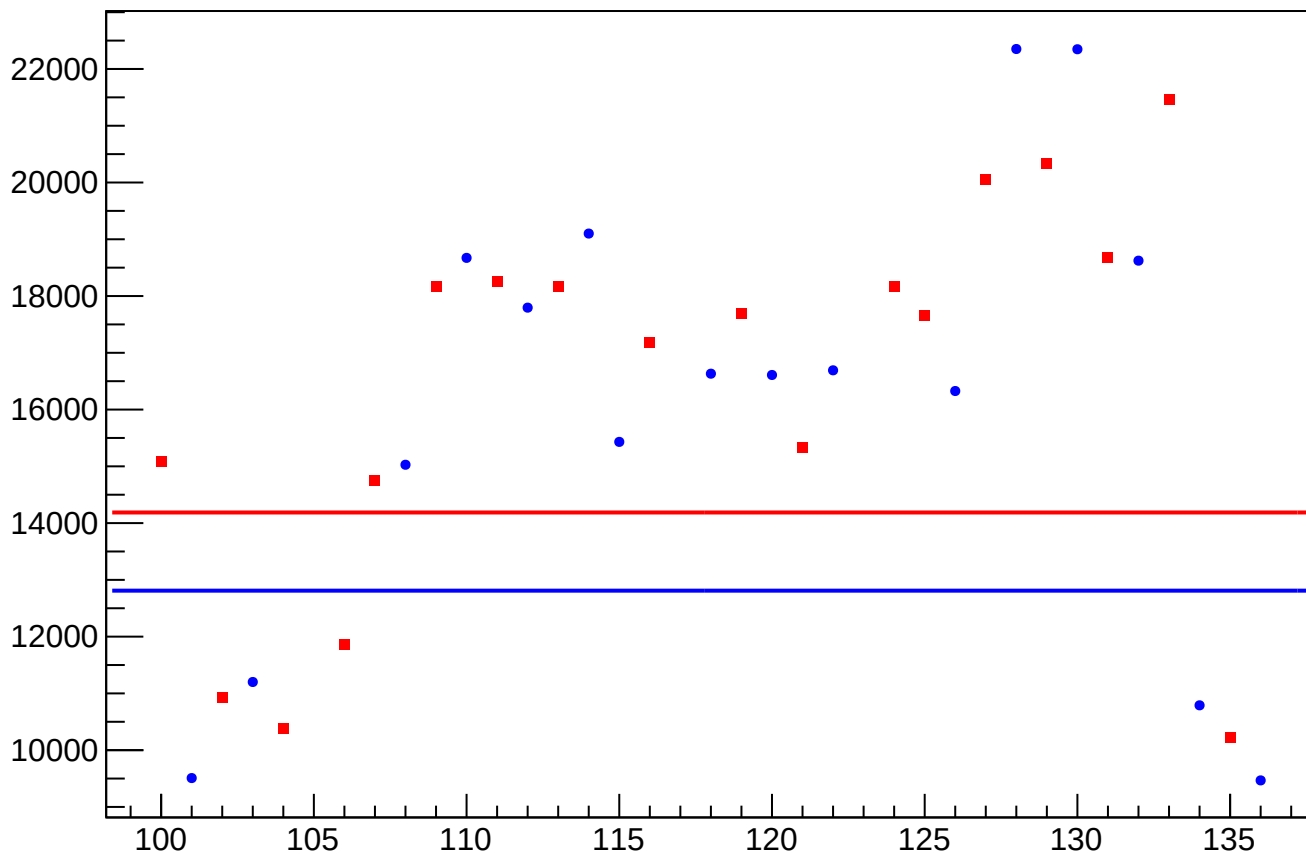
Right: -0.465+/-3.696 χ^2/NDF : 44.0/33

In: -10.113+/-5.017 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.465+/-3.696 χ^2/NDF : 44.0/33

diff_bpm1X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: 13439.885+/-2.613 χ^2/NDF : 2298087.0/33

In: 12809.964+/-3.548 χ^2/NDF : 1248252.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13439.885+/-2.613 χ^2/NDF : 2298087.0/33

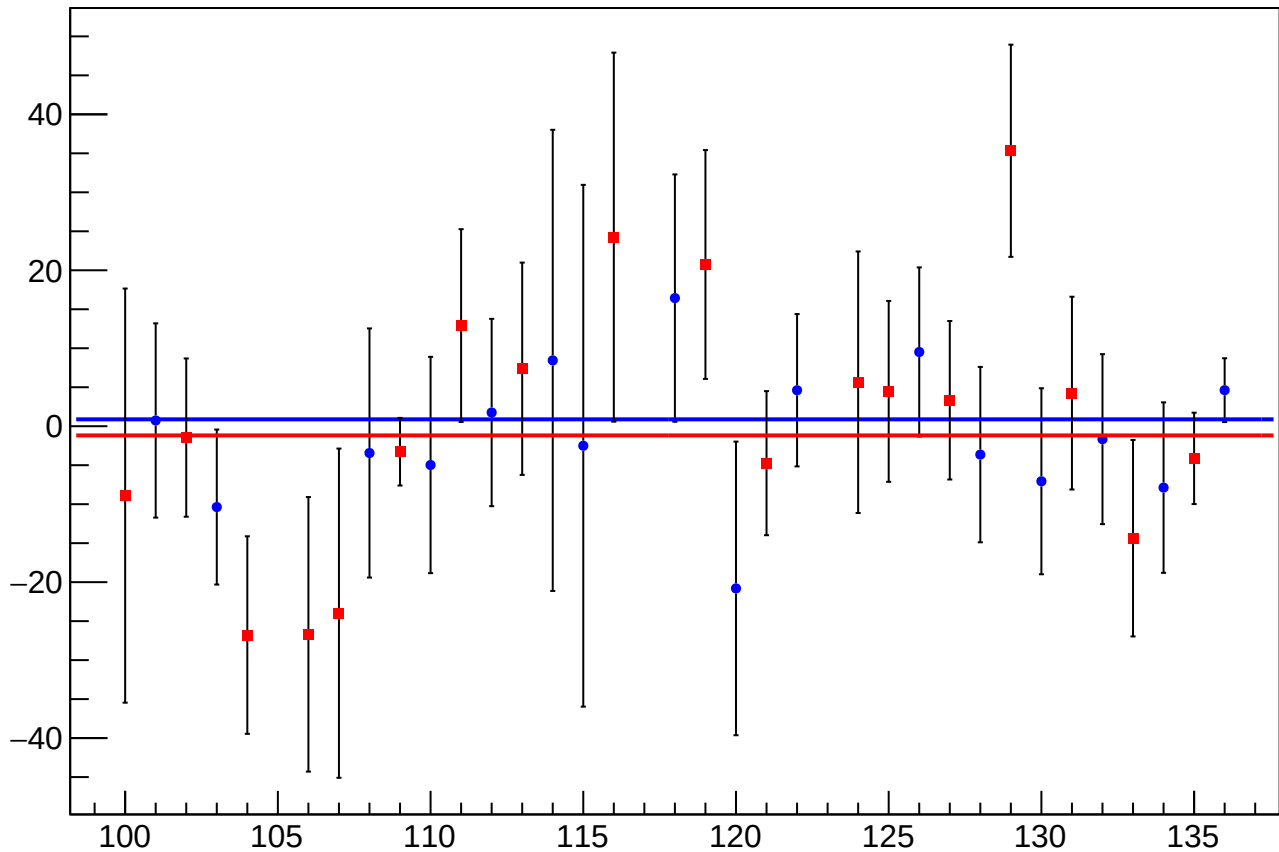
Right In: 12809.964+/-3.548 χ^2/NDF : 1248252.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14187.106+/-3.864 χ^2/NDF : 980911.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

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: -1.181 ± 2.397 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

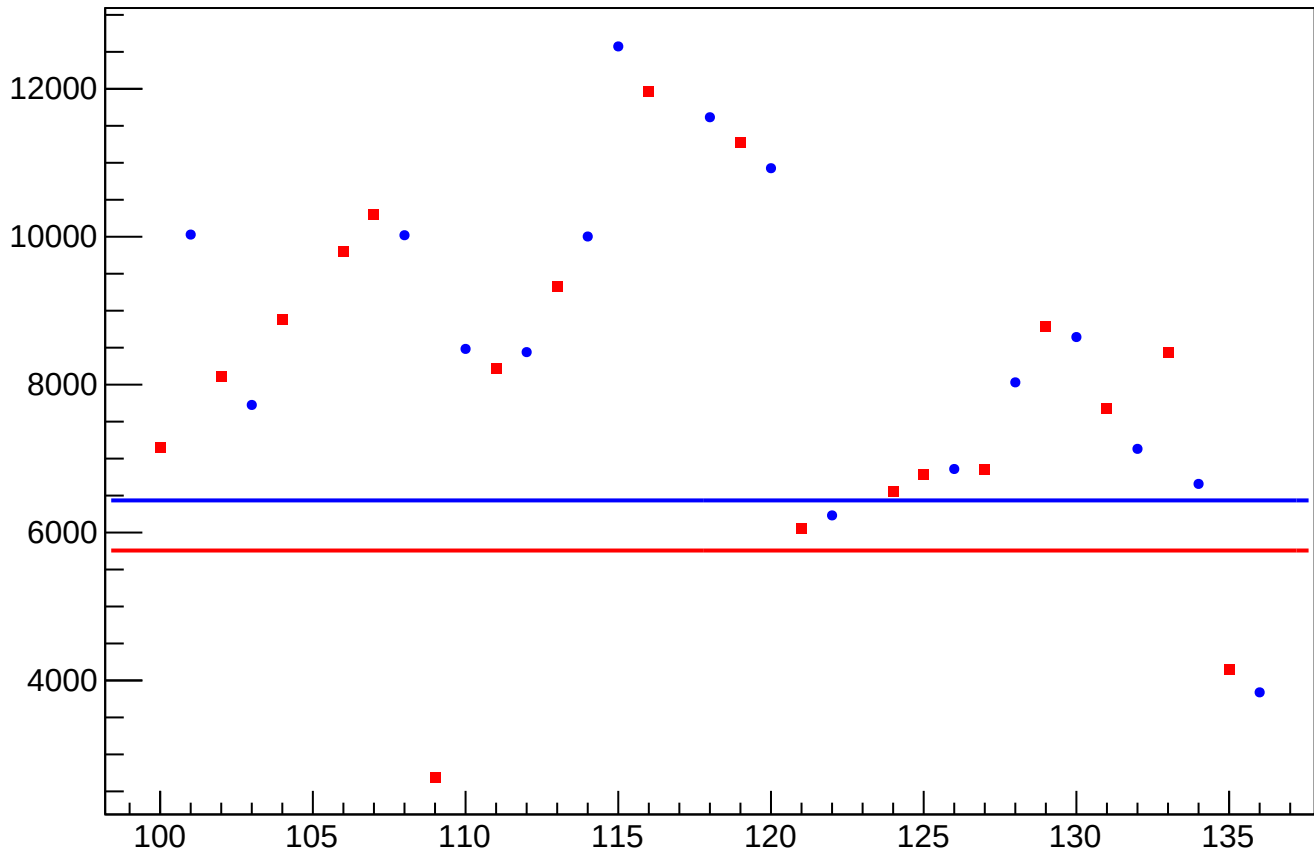
Right: -0.220 ± 1.751 χ^2/NDF : 29.4/33

In: 0.882 ± 2.566 χ^2/NDF : 6.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.220 ± 1.751 χ^2/NDF : 29.4/33

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: 5757.057+/-1.695 χ^2/NDF : 2506385.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

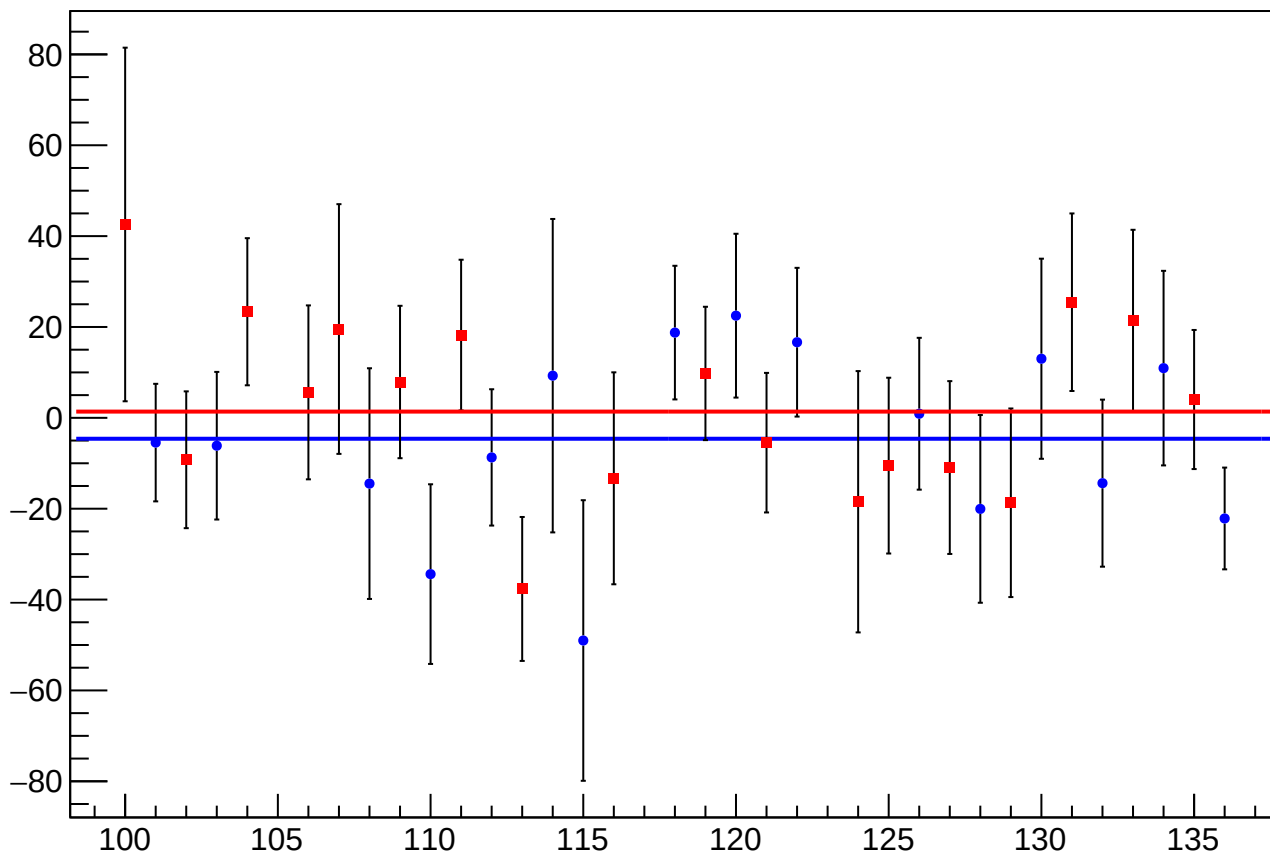
Right: 6072.689+/-1.238 χ^2/NDF : 4331460.1/33

In: 6434.559+/-1.814 χ^2/NDF : 1750609.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6072.689+/-1.238 χ^2/NDF : 4331460.1/33

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: 1.375+/-4.336 χ^2 /NDF: 16.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

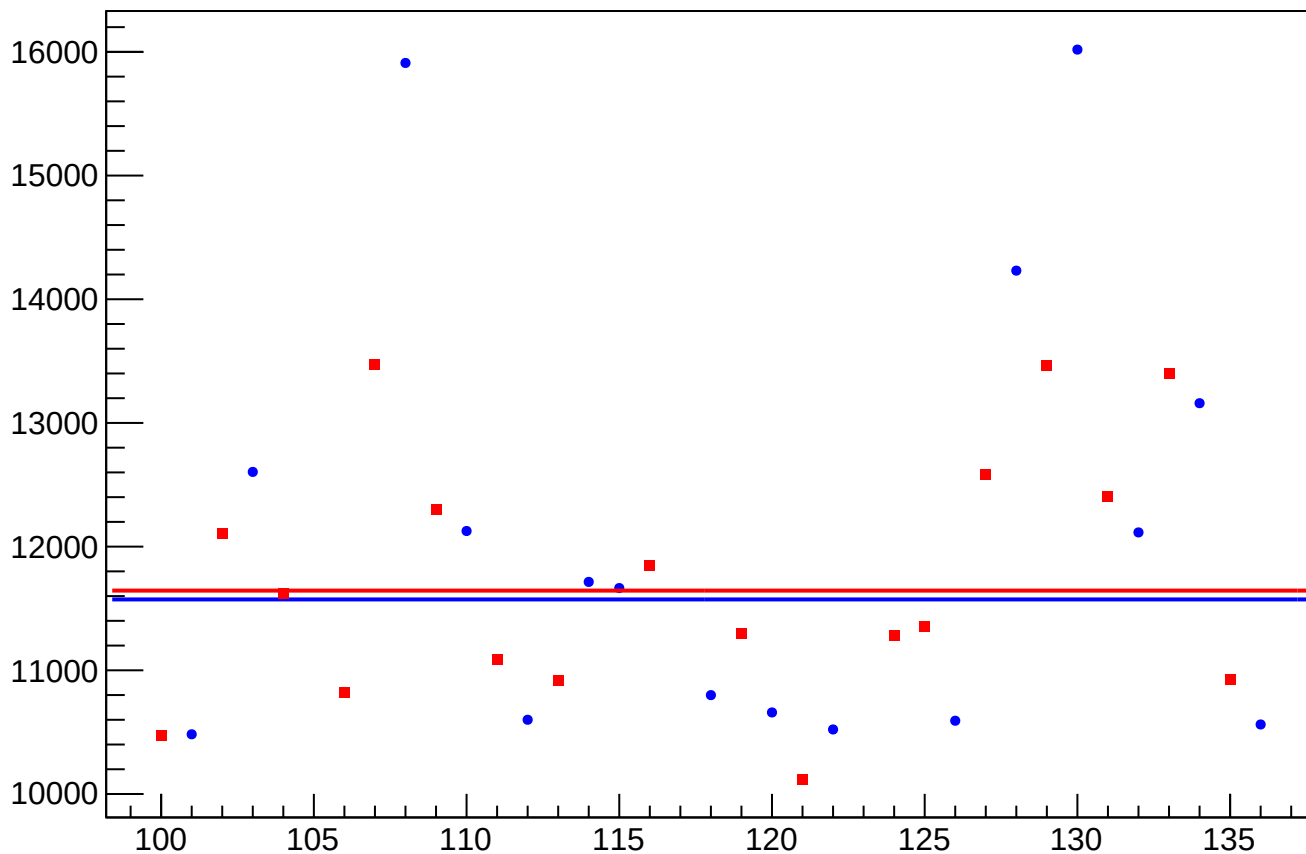
Right: -1.600+/-3.073 χ^2 /NDF: 33.6/33

In: -4.602+/-4.355 χ^2 /NDF:15.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.600+/-3.073 χ^2 /NDF: 33.6/33

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: 11644.452+/-3.066 χ^2/NDF : 90598.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

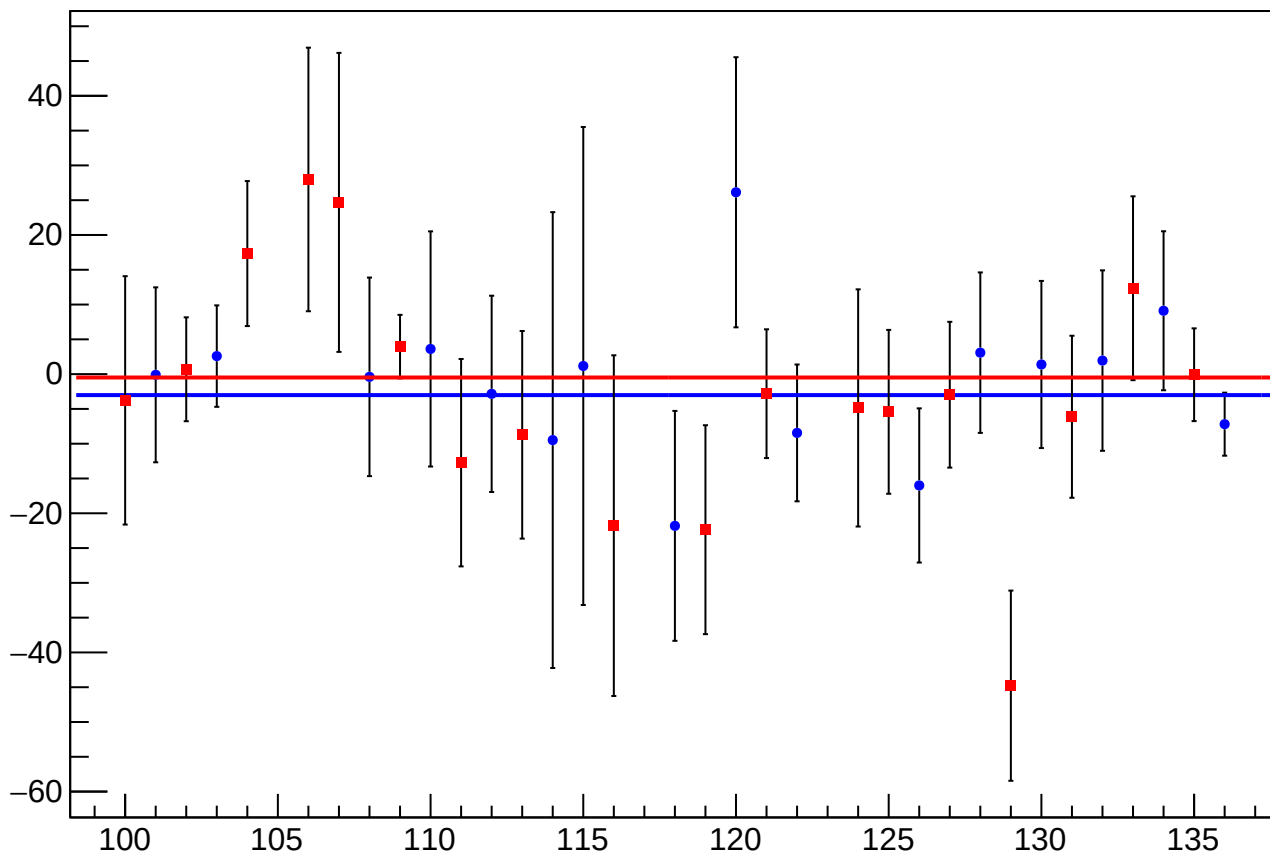
Right: 11608.917+/-2.173 χ^2/NDF : 350935.3/33

In: 11573.073+/-3.079 χ^2/NDF : 260067.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11608.917+/-2.173 χ^2/NDF : 350935.3/33

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: -0.483 ± 2.420 χ^2/NDF : 23.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

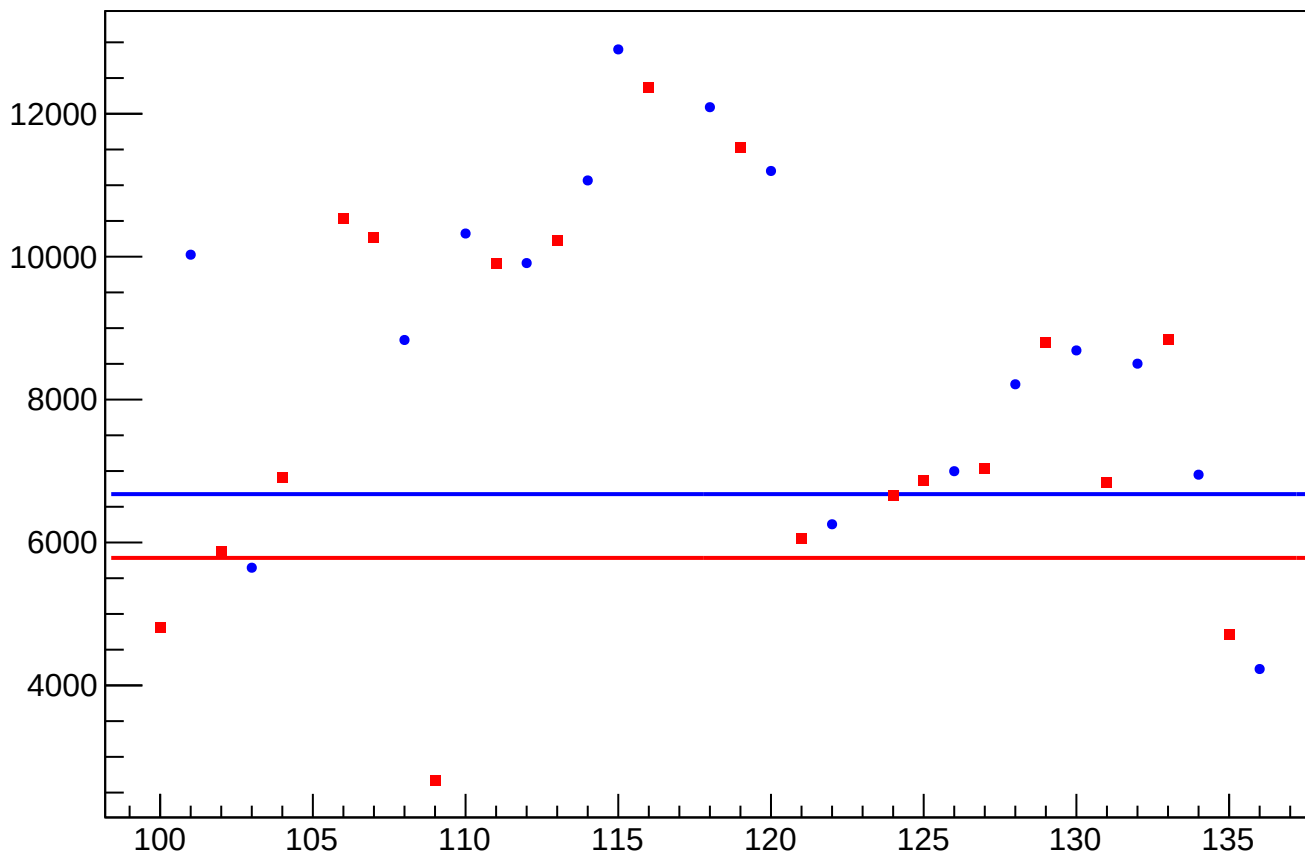
Right: -1.632 ± 1.788 χ^2/NDF : 32.6/33

In: -3.014 ± 2.654 χ^2/NDF : 8.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.632 ± 1.788 χ^2/NDF : 32.6/33

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: 5784.282+/-1.712 χ^2/NDF : 2267283.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

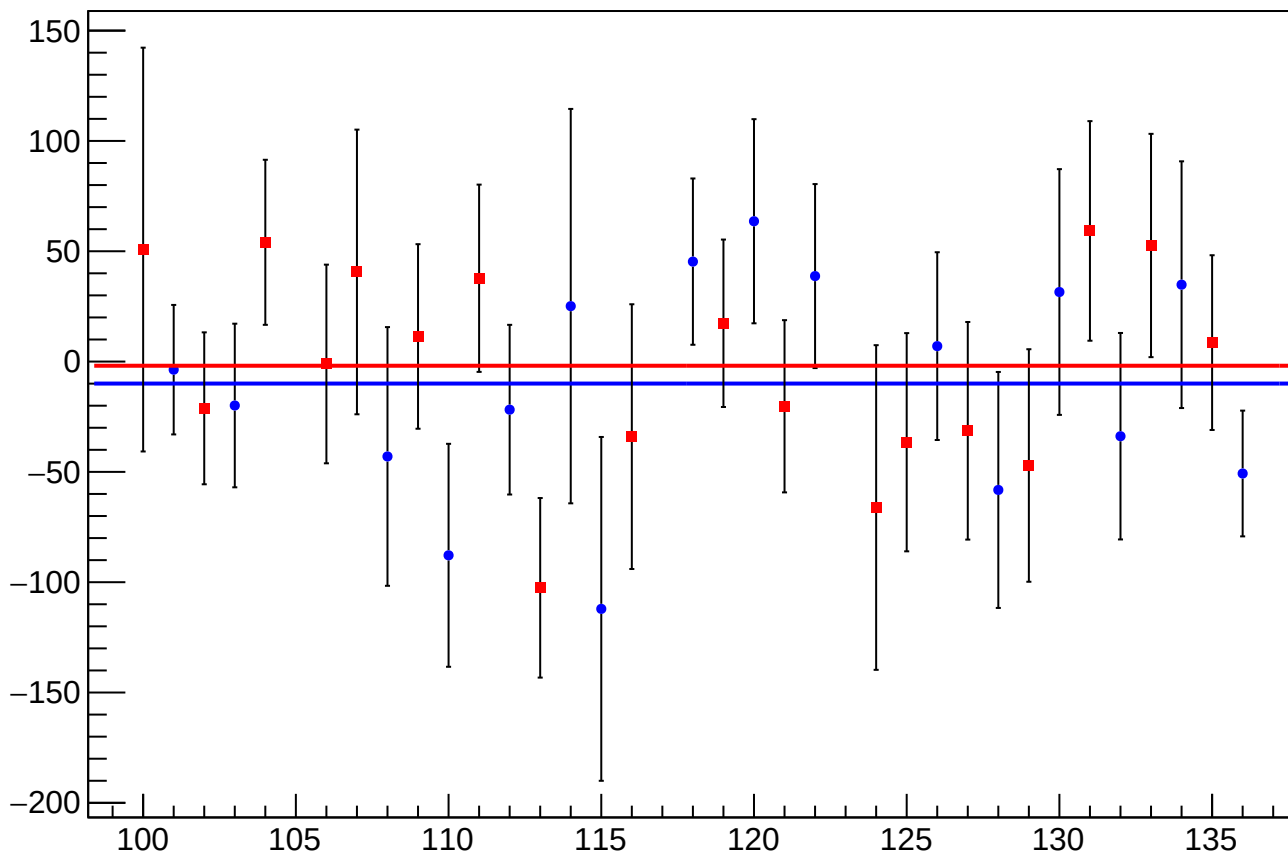
Right: 6189.610+/-1.265 χ^2/NDF : 3963663.2/33

In: 6676.920+/-1.877 χ^2/NDF : 1572864.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6189.610+/-1.265 χ^2/NDF : 3963663.2/33

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: -1.890+/-10.803 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

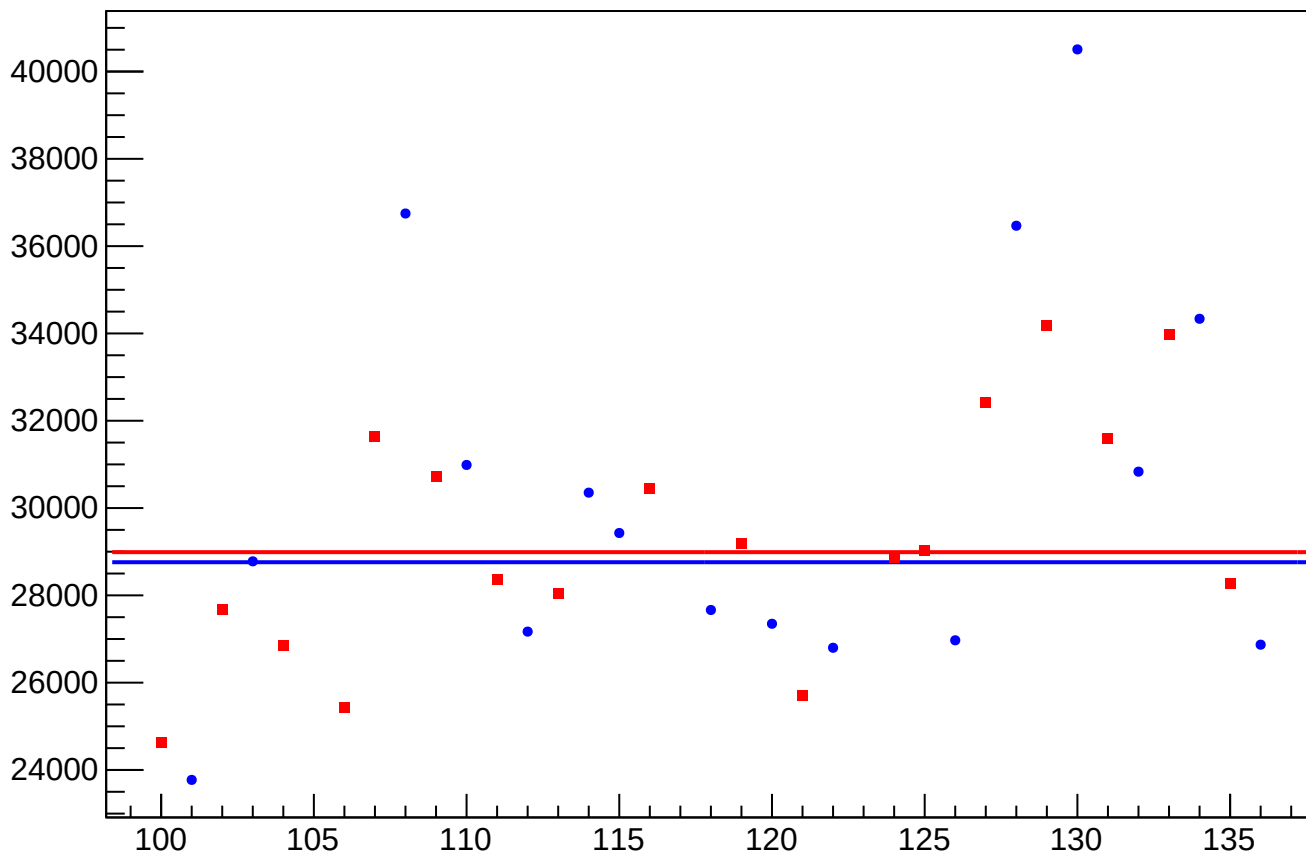
Right: -5.917+/-7.651 χ^2/NDF : 31.8/33

In: -9.969+/-10.836 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.917+/-7.651 χ^2/NDF : 31.8/33

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: 28989.506+/-7.639 χ^2/NDF : 104765.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

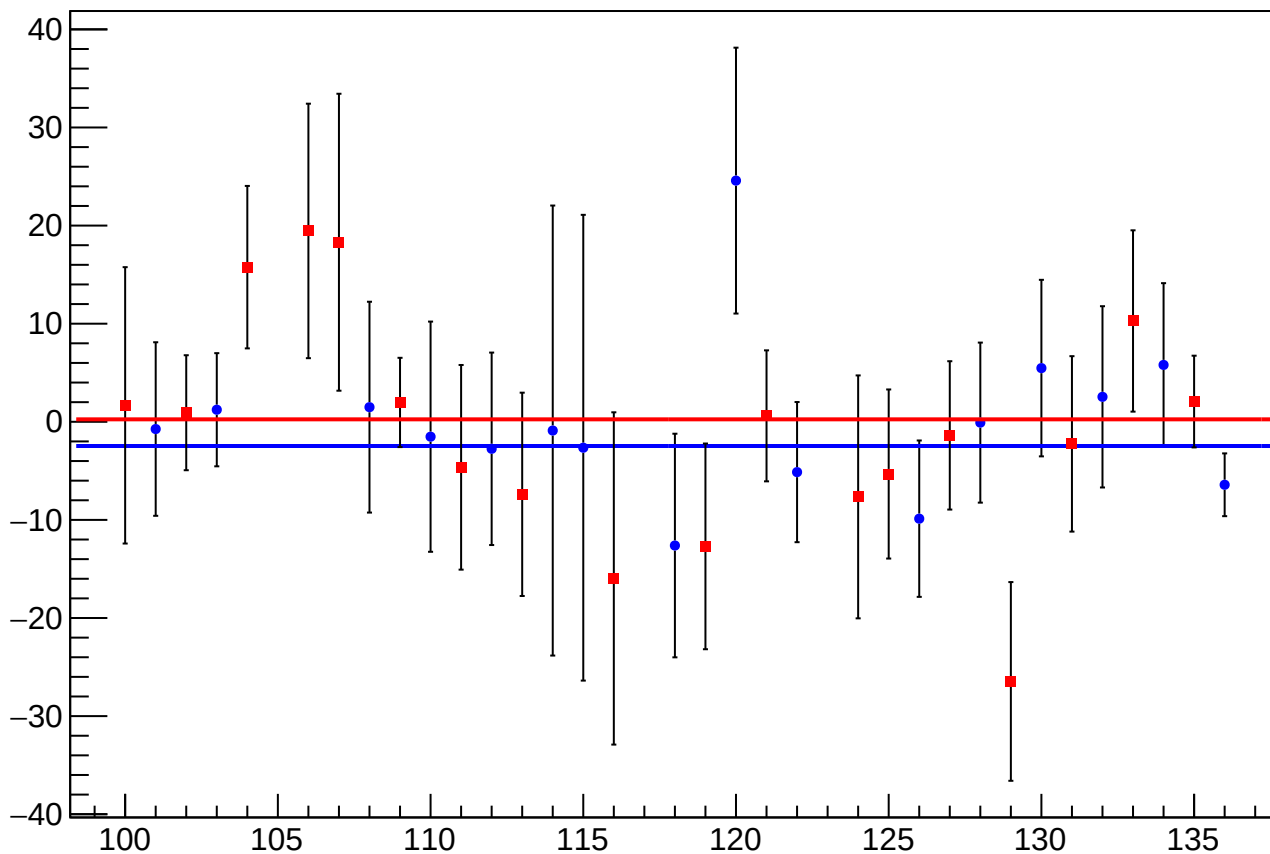
Right: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

In: 28759.090+/-7.662 χ^2/NDF : 277639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28874.647+/-5.410 χ^2/NDF : 382858.4/33

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: 0.250+/-1.896 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

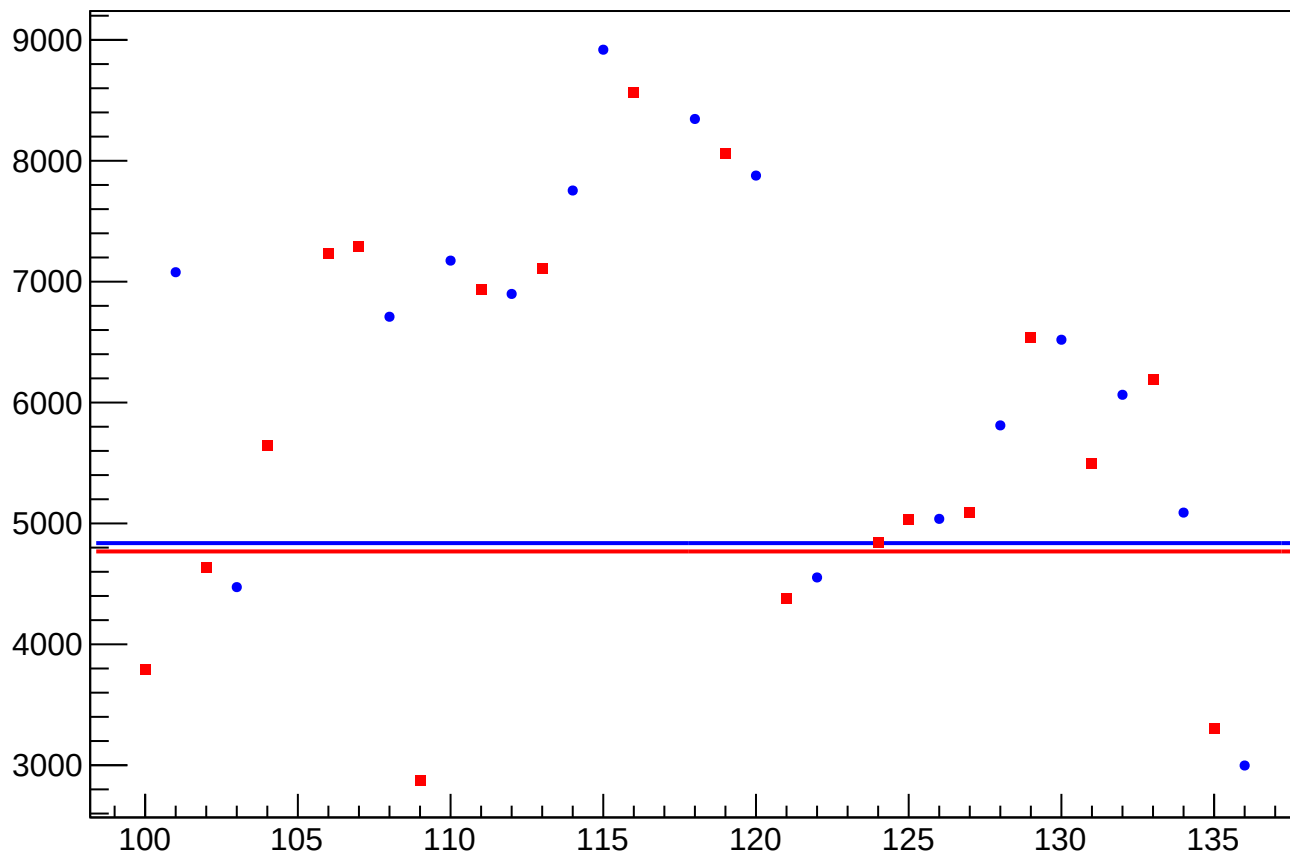
Right: -1.095+/-1.348 χ^2/NDF : 30.8/33

In: -2.467+/-1.916 χ^2/NDF : 10.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.095+/-1.348 χ^2/NDF : 30.8/33

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: 4768.268+/-1.341 χ^2/NDF : 1323660.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

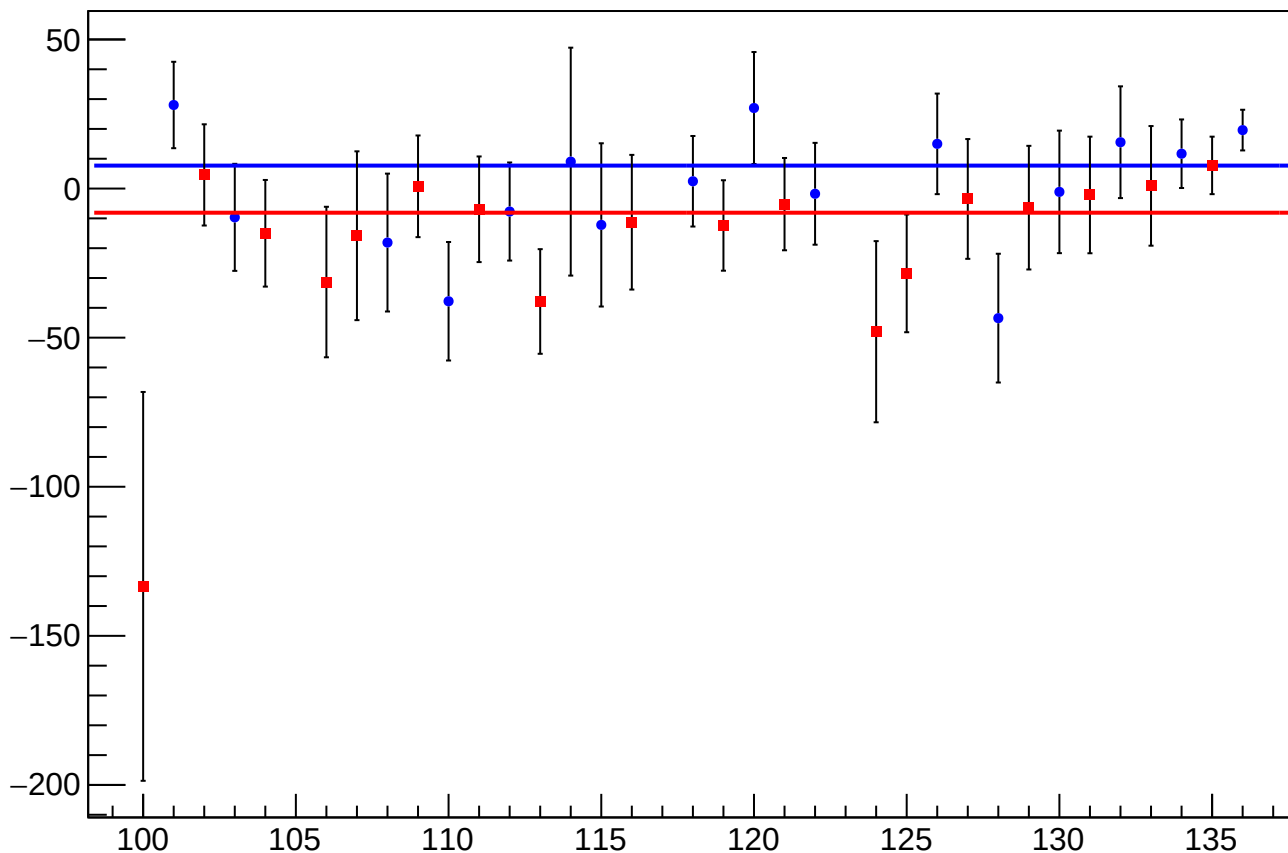
Right: 4802.372+/-0.953 χ^2/NDF : 2872734.2/33

In: 4837.176+/-1.355 χ^2/NDF : 1547766.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4802.372+/-0.953 χ^2/NDF : 2872734.2/33

diff_bpm16X_mean vs Slug, Sign Corrected



Right In: 7.699+/-3.820 χ^2/NDF : 21.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.099+/-4.290 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

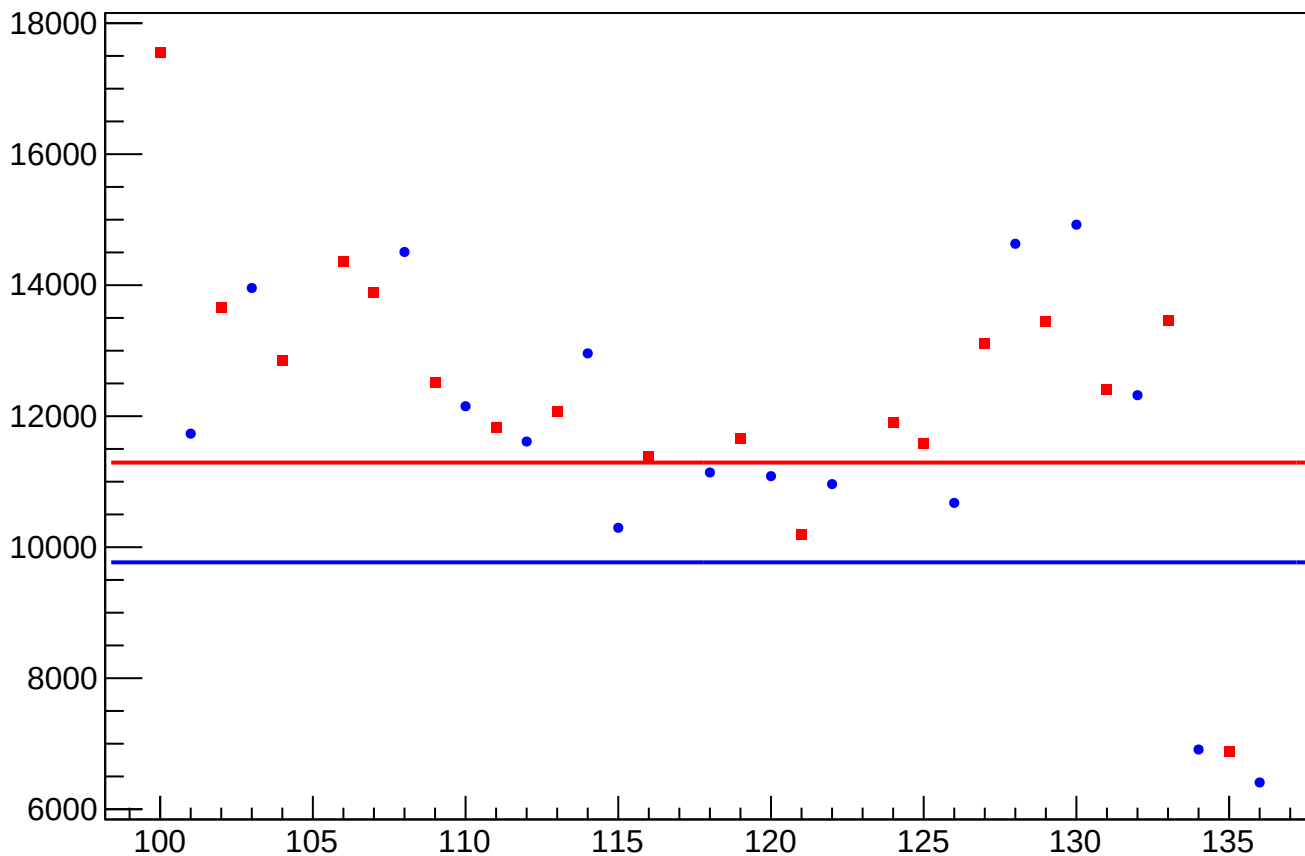
Right: 0.713+/-2.853 χ^2/NDF : 43.6/33

In: 7.699+/-3.820 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.713+/-2.853 χ^2/NDF : 43.6/33

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: 11292.264+/-3.034 χ^2/NDF : 633658.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

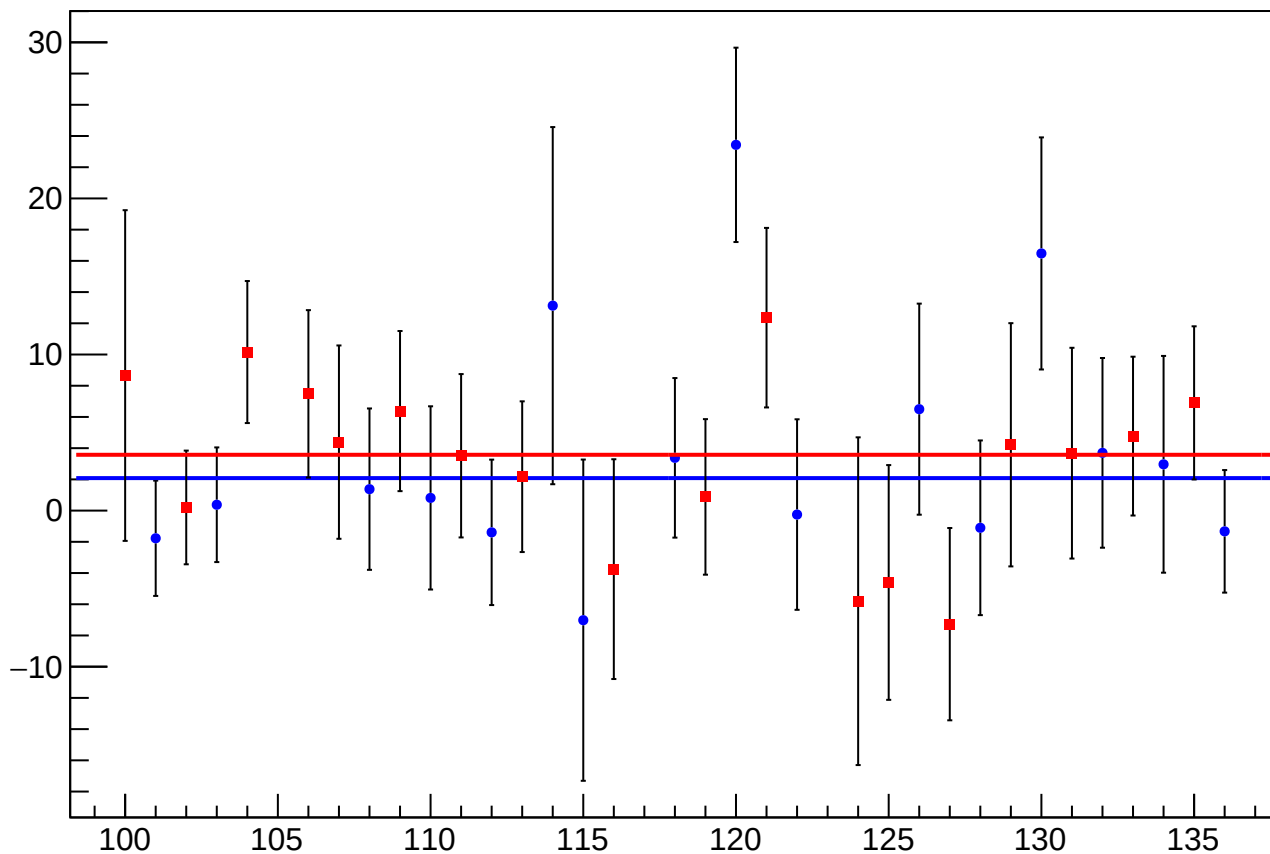
Right: 10442.438+/-2.017 χ^2/NDF : 1988036.1/33

In: 9768.772+/-2.701 χ^2/NDF : 1213694.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10442.438+/-2.017 χ^2/NDF : 1988036.1/33

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: 3.576+/-1.321 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

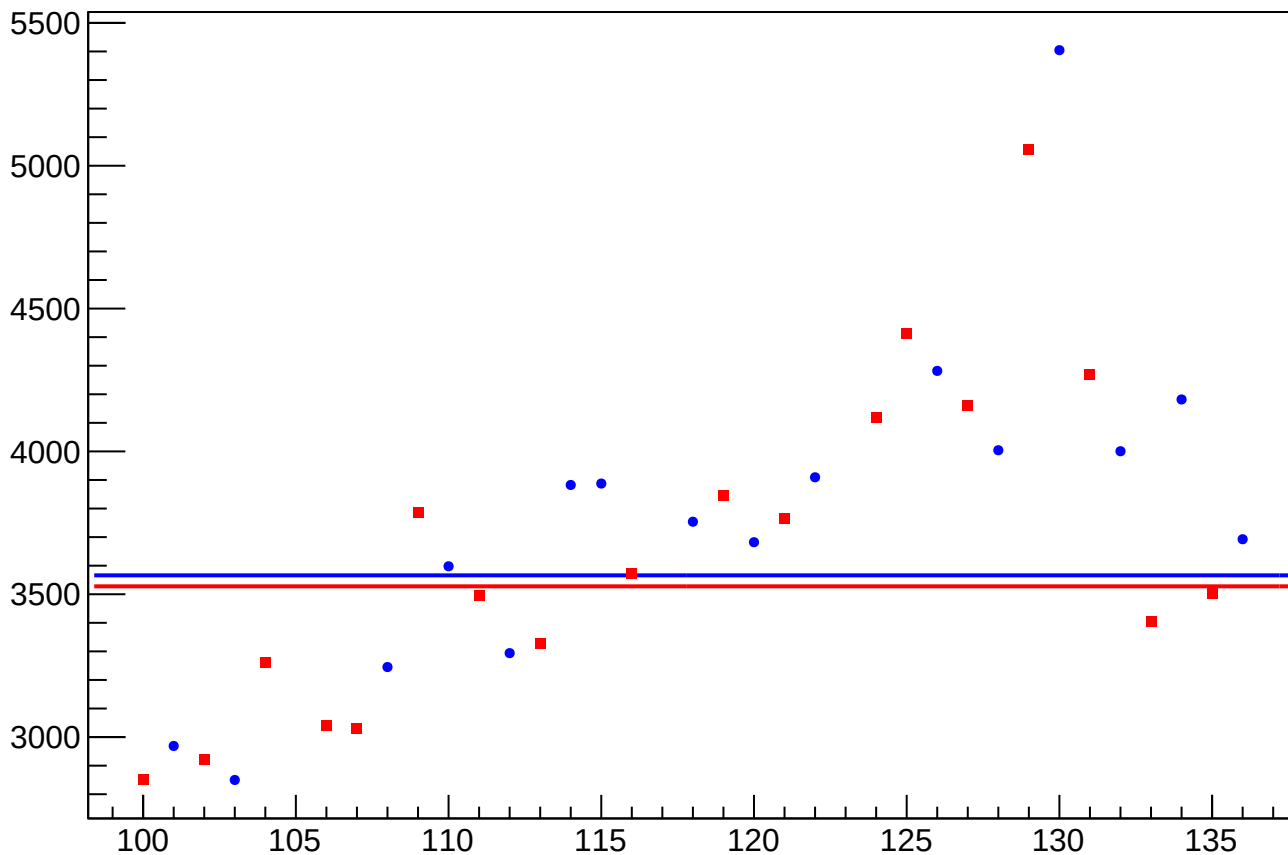
Right: 2.843+/-0.942 χ^2/NDF : 35.0/33

In: 2.082+/-1.345 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.843+/-0.942 χ^2/NDF : 35.0/33

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: 3527.727+/-0.934 χ^2/NDF : 277779.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

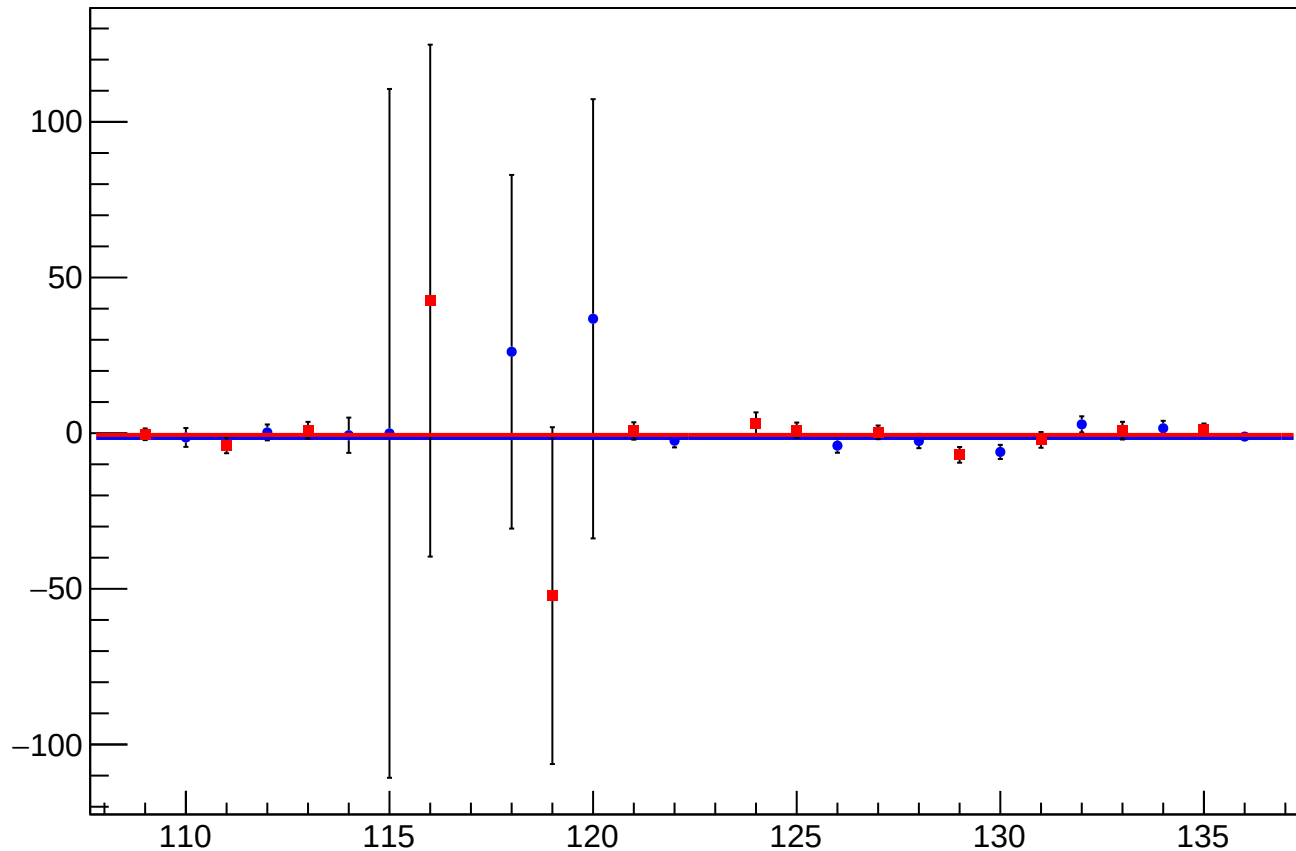
Right: 3546.585+/-0.666 χ^2/NDF : 619715.9/33

In: 3566.150+/-0.951 χ^2/NDF : 341105.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3546.585+/-0.666 χ^2/NDF : 619715.9/33

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: -0.555 ± 0.736 χ^2/NDF : 12.6/12

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

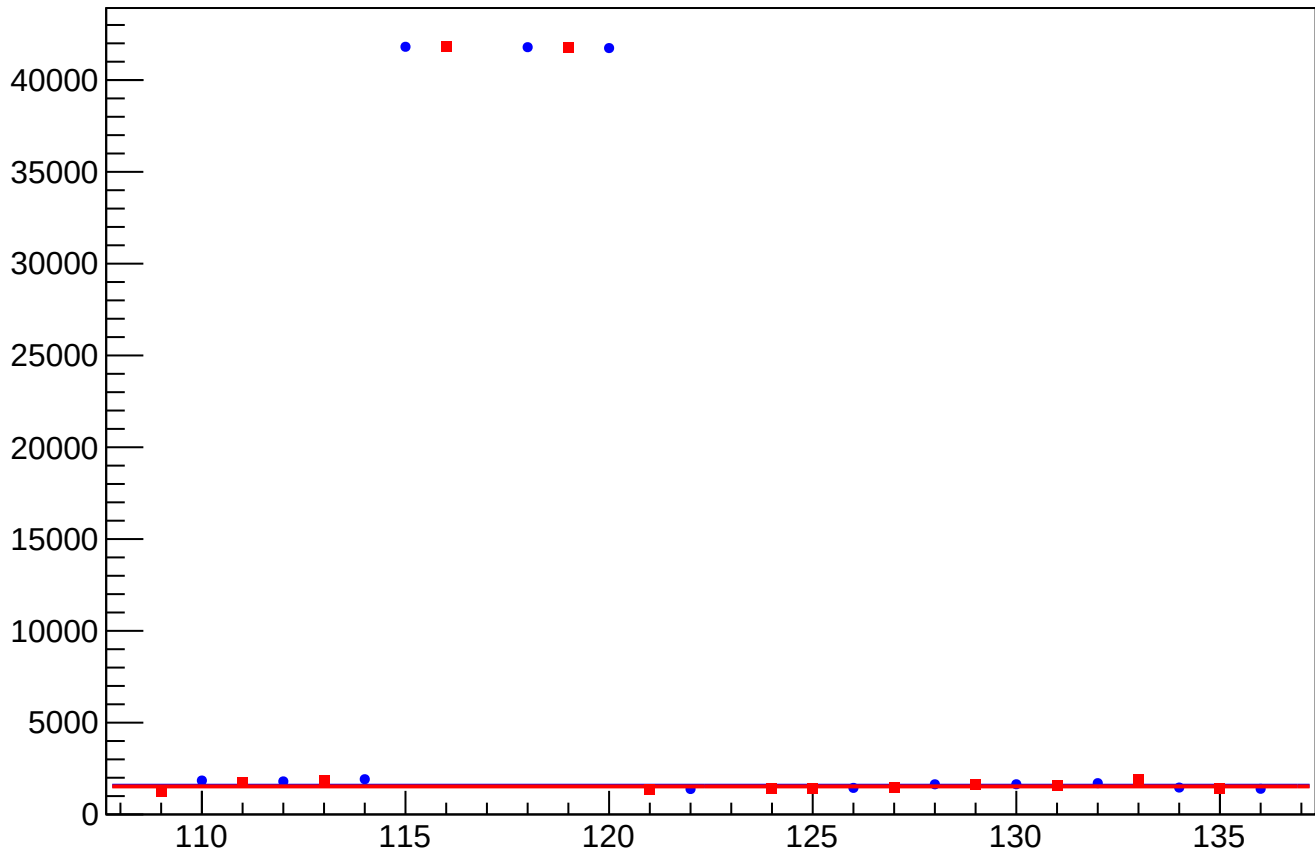
Right: -1.047 ± 0.519 χ^2/NDF : 24.6/25

In: -1.536 ± 0.733 χ^2/NDF : 11.1/12

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.047 ± 0.519 χ^2/NDF : 24.6/25

diff_bpm1p02bX_rms vs Slug, Sign Corrected



Right In: 1564.307+/-0.518 χ^2/NDF : 2016990.6/12

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1527.608+/-0.520 χ^2/NDF : 1738507.3/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

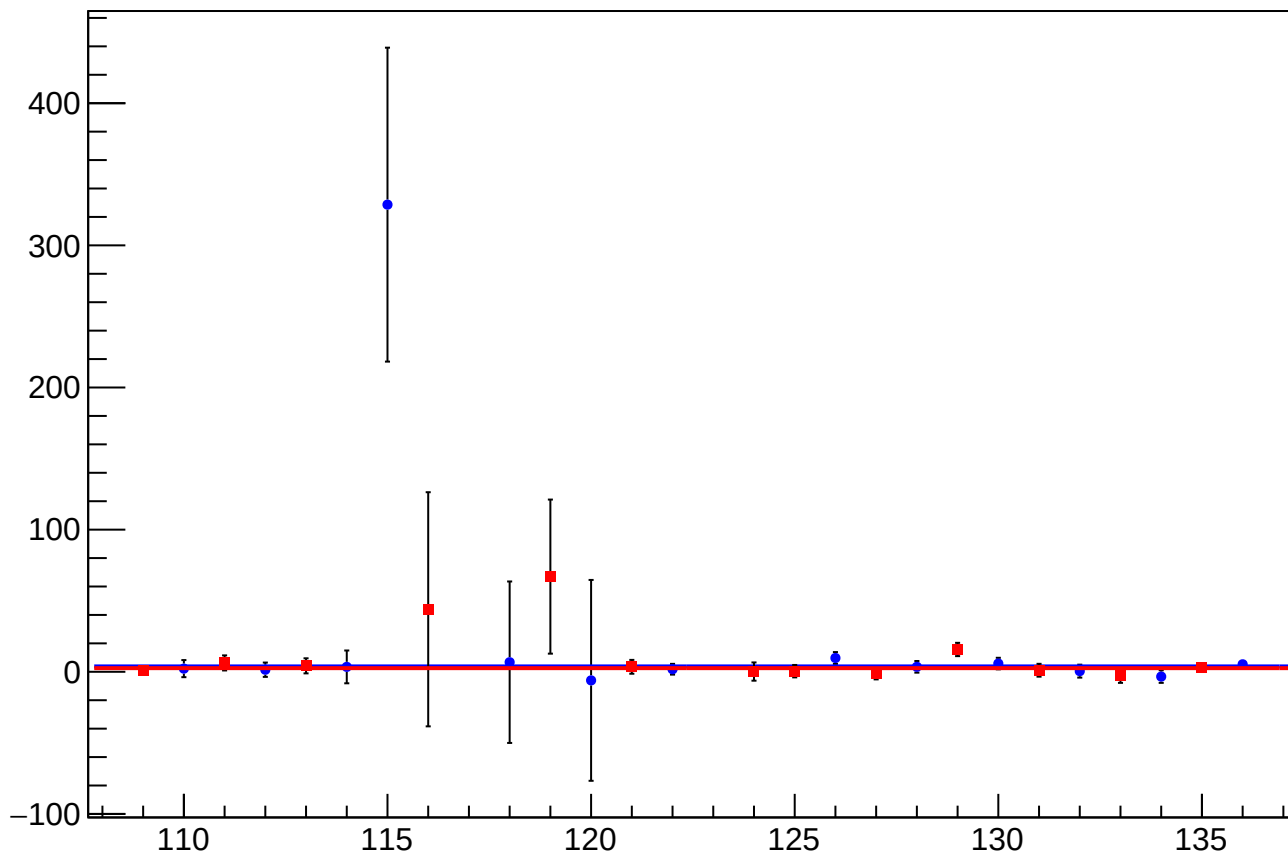
Right: 1546.029+/-0.367 χ^2/NDF : 3757996.8/25

In: 1564.307+/-0.518 χ^2/NDF : 2016990.6/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1546.029+/-0.367 χ^2/NDF : 3757996.8/25

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: 2.562+/-1.255 χ^2/NDF : 13.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

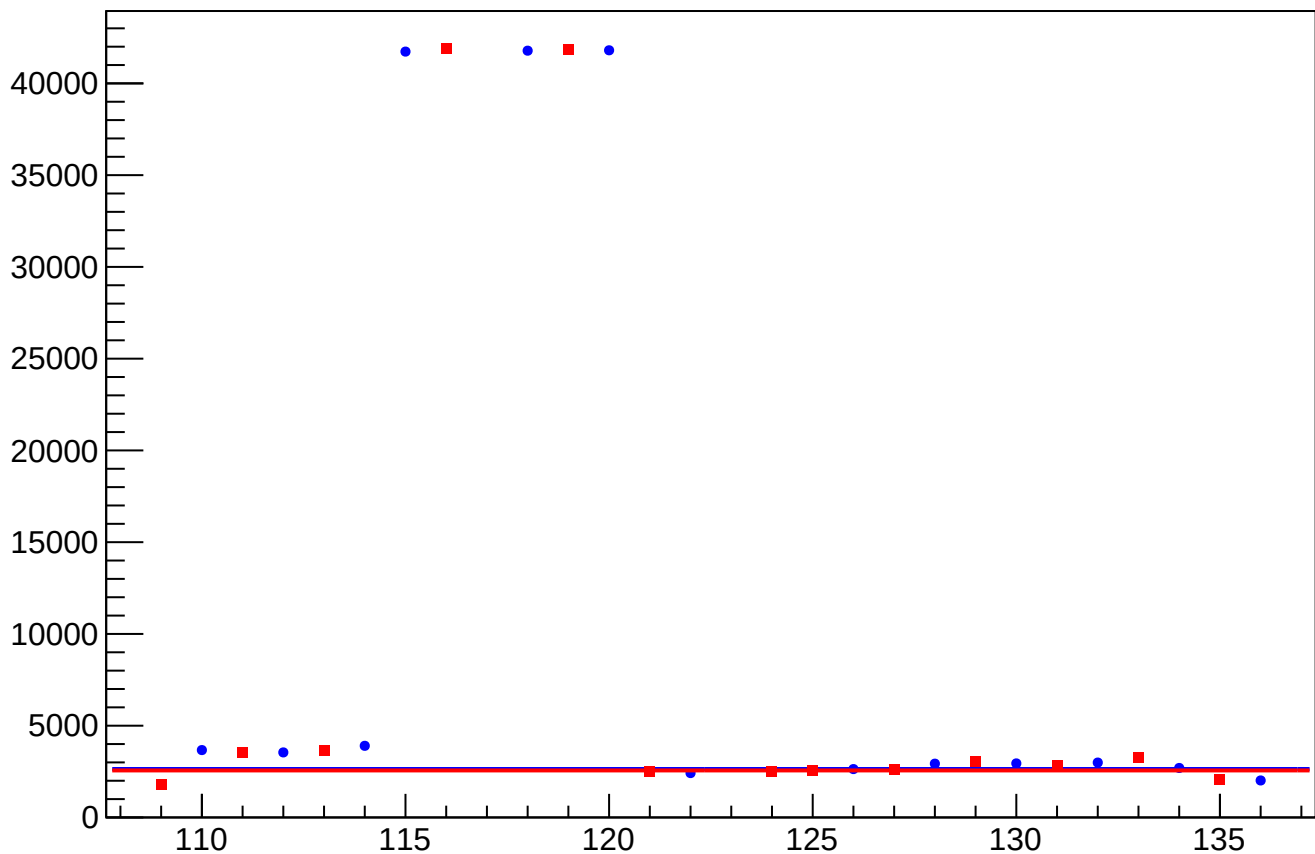
Right: 3.173+/-0.885 χ^2/NDF : 29.1/25

In: 3.777+/-1.248 χ^2/NDF : 15.2/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.173+/-0.885 χ^2/NDF : 29.1/25

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: 2562.827+/-0.887 χ^2/NDF : 1928912.5/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

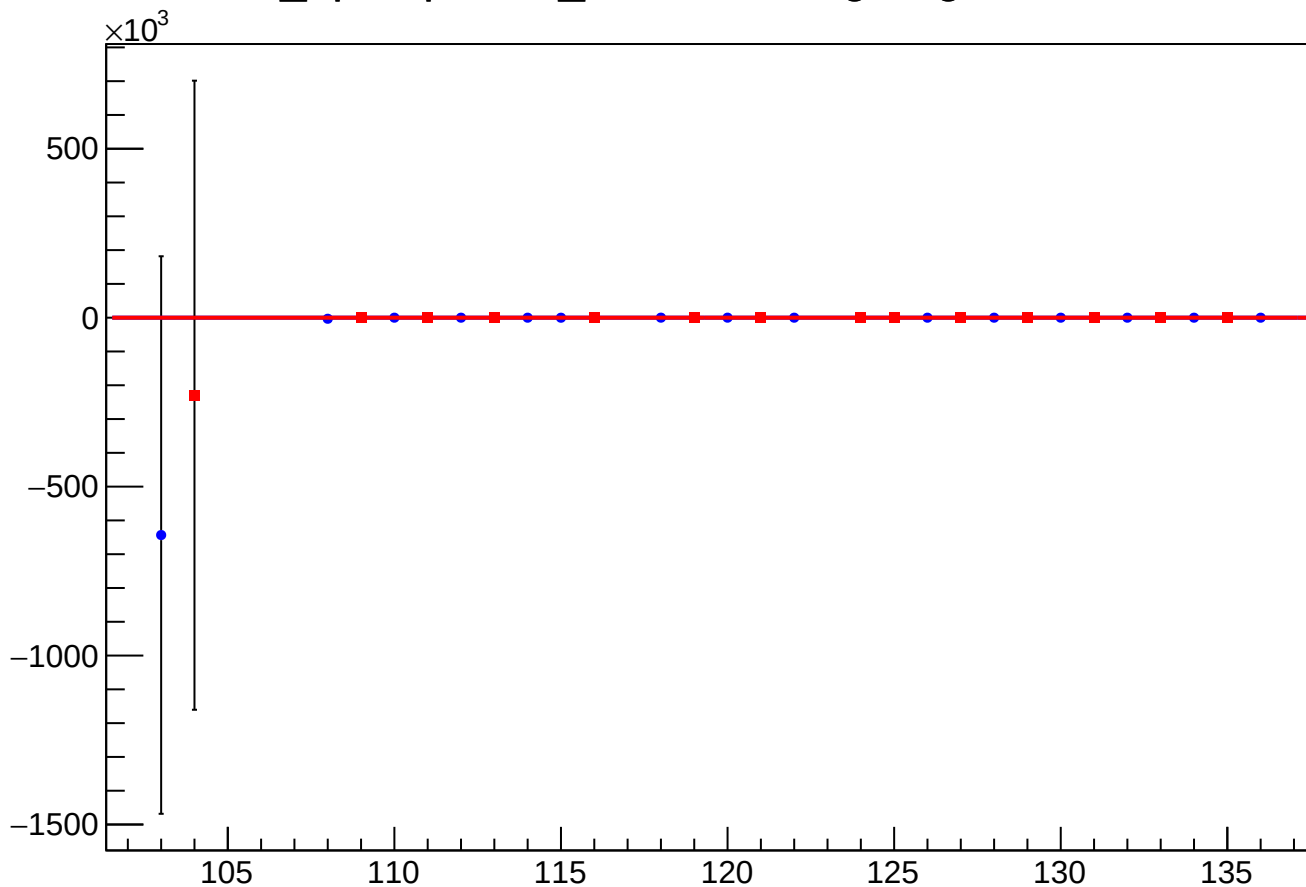
Right: 2601.592+/-0.626 χ^2/NDF : 4106103.3/25

In: 2639.943+/-0.883 χ^2/NDF : 2173395.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2601.592+/-0.626 χ^2/NDF : 4106103.3/25

diff_bpm1p03aX_mean vs Slug, Sign Corrected



Right In: -1.215+/-1.125 χ^2/NDF : 18.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.921+/-1.288 χ^2/NDF : 14.1/13

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

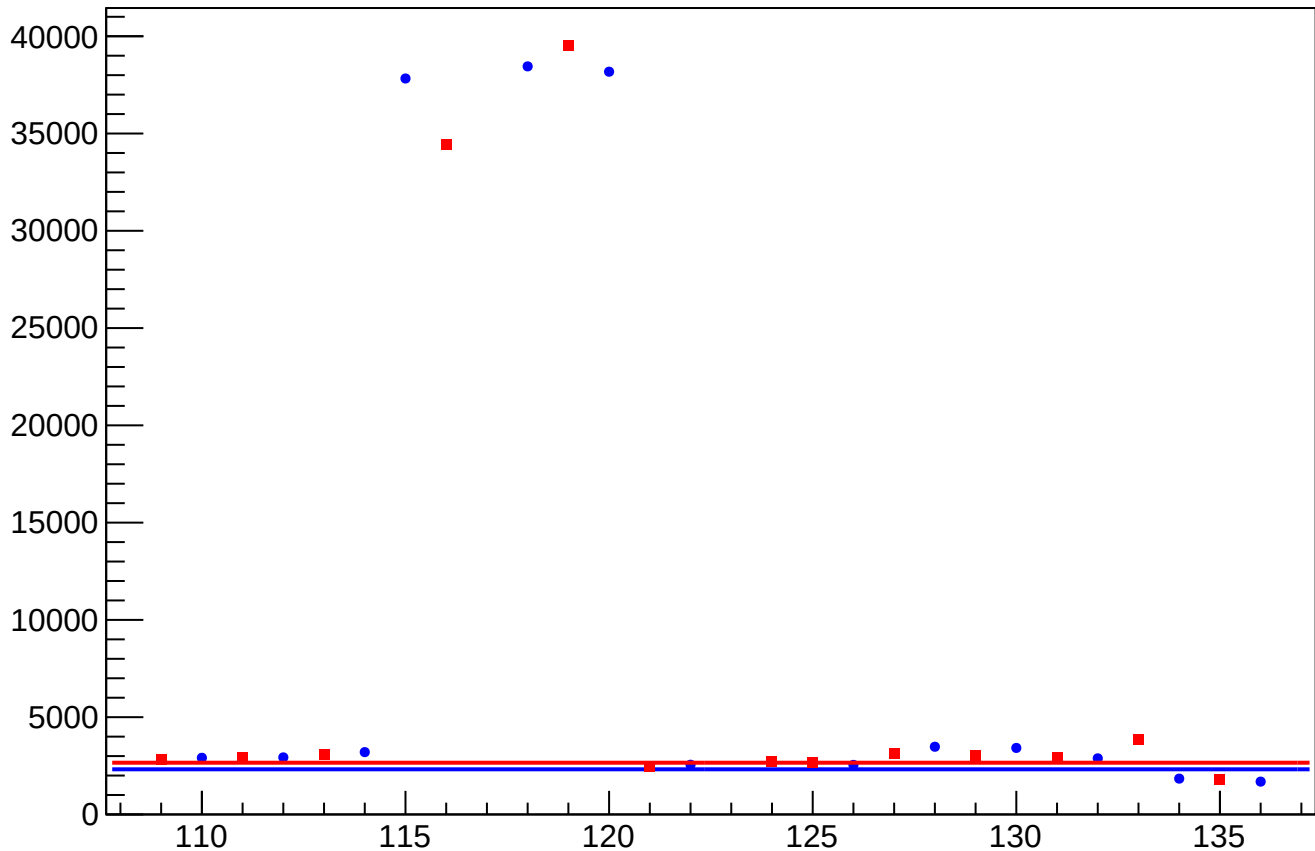
Right: 0.576+/-0.847 χ^2/NDF : 38.7/28

In: -1.215+/-1.125 χ^2/NDF : 18.8/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.576+/-0.847 χ^2/NDF : 38.7/28

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: 2659.458+/-0.911 χ^2/NDF : 1883010.2/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

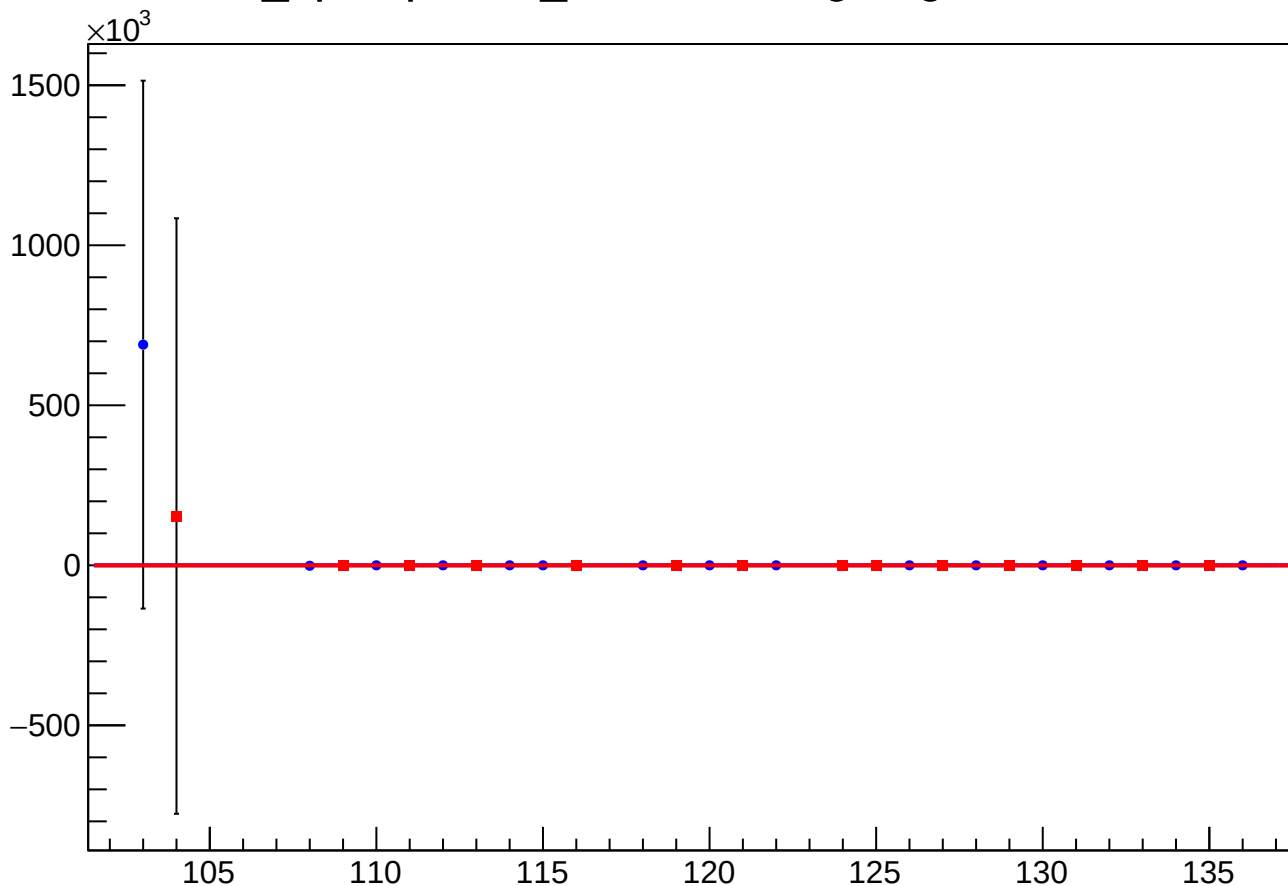
Right: 2467.232+/-0.599 χ^2/NDF : 4423054.1/25

In: 2320.446+/-0.796 χ^2/NDF : 2461445.1/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2467.232+/-0.599 χ^2/NDF : 4423054.1/25

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: 2.137 $\pm$ 1.102 χ^2 /NDF: 14.8/13

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

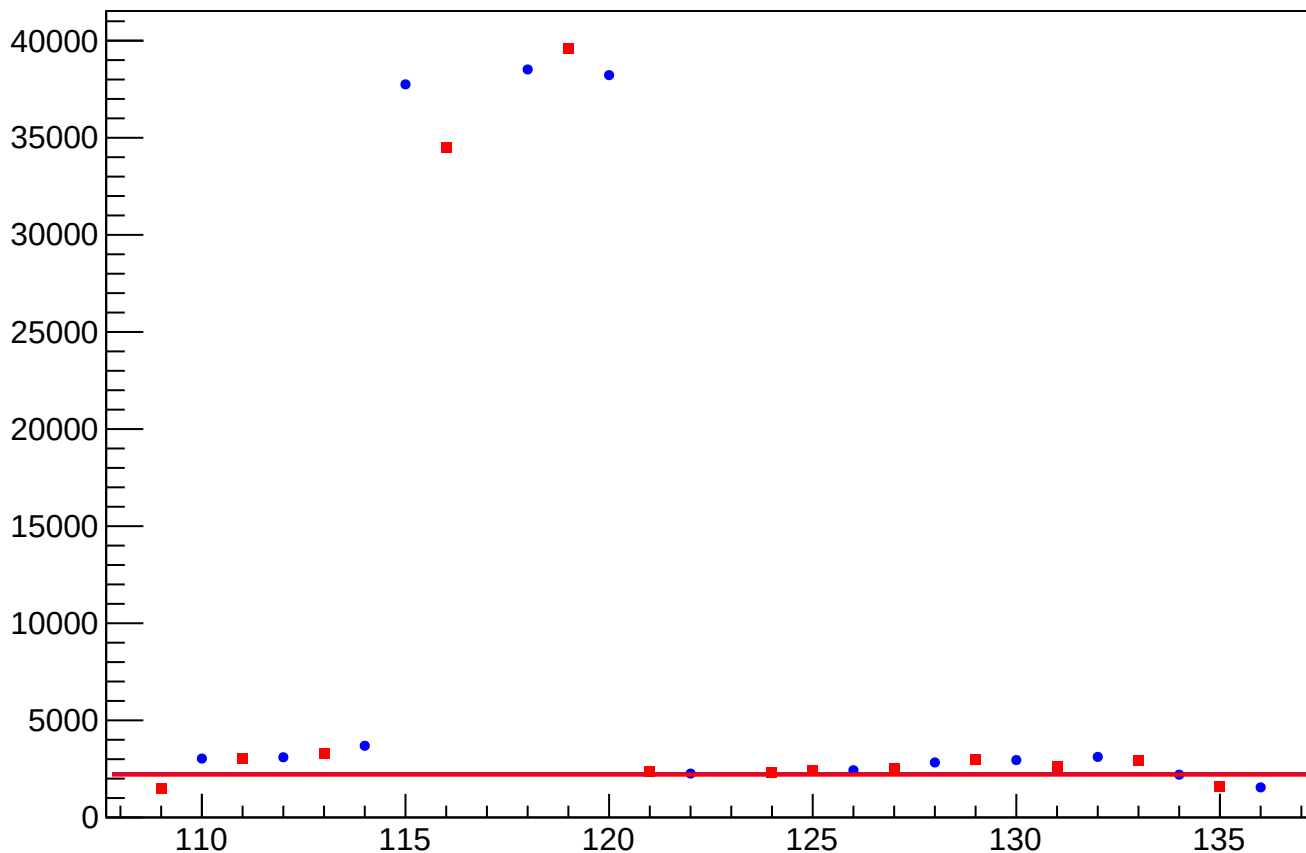
Right: 1.917 $\pm$ 0.770 χ^2 /NDF: 19.9/28

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: 1.917 $\pm$ 0.770 χ^2 /NDF: 19.9/28

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: 2207.225+/-0.779 χ^2/NDF : 2173030.4/12

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

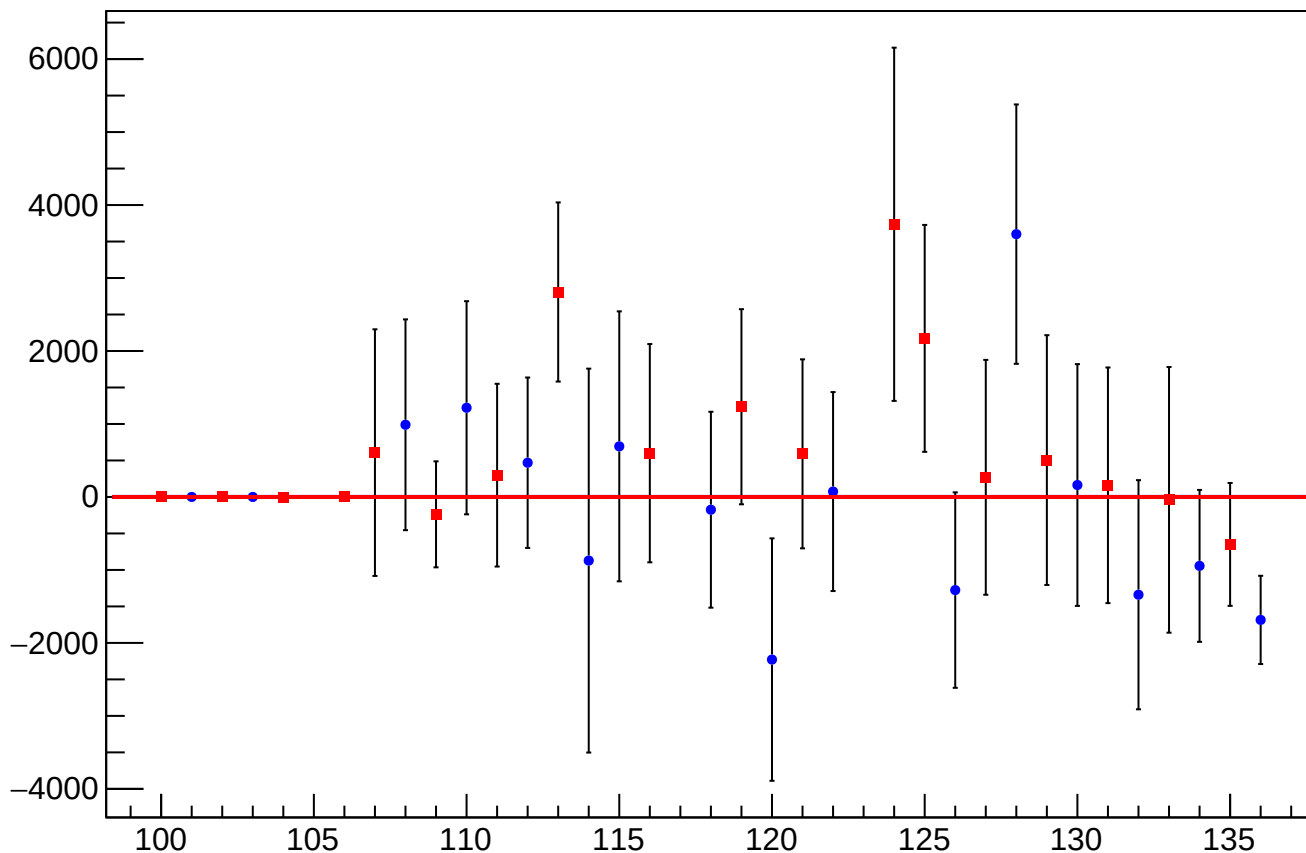
Right: 2217.320+/-0.545 χ^2/NDF : 4695644.5/25

In: 2226.944+/-0.761 χ^2/NDF : 2522286.5/12

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2217.320+/-0.545 χ^2/NDF : 4695644.5/25

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 : 15.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

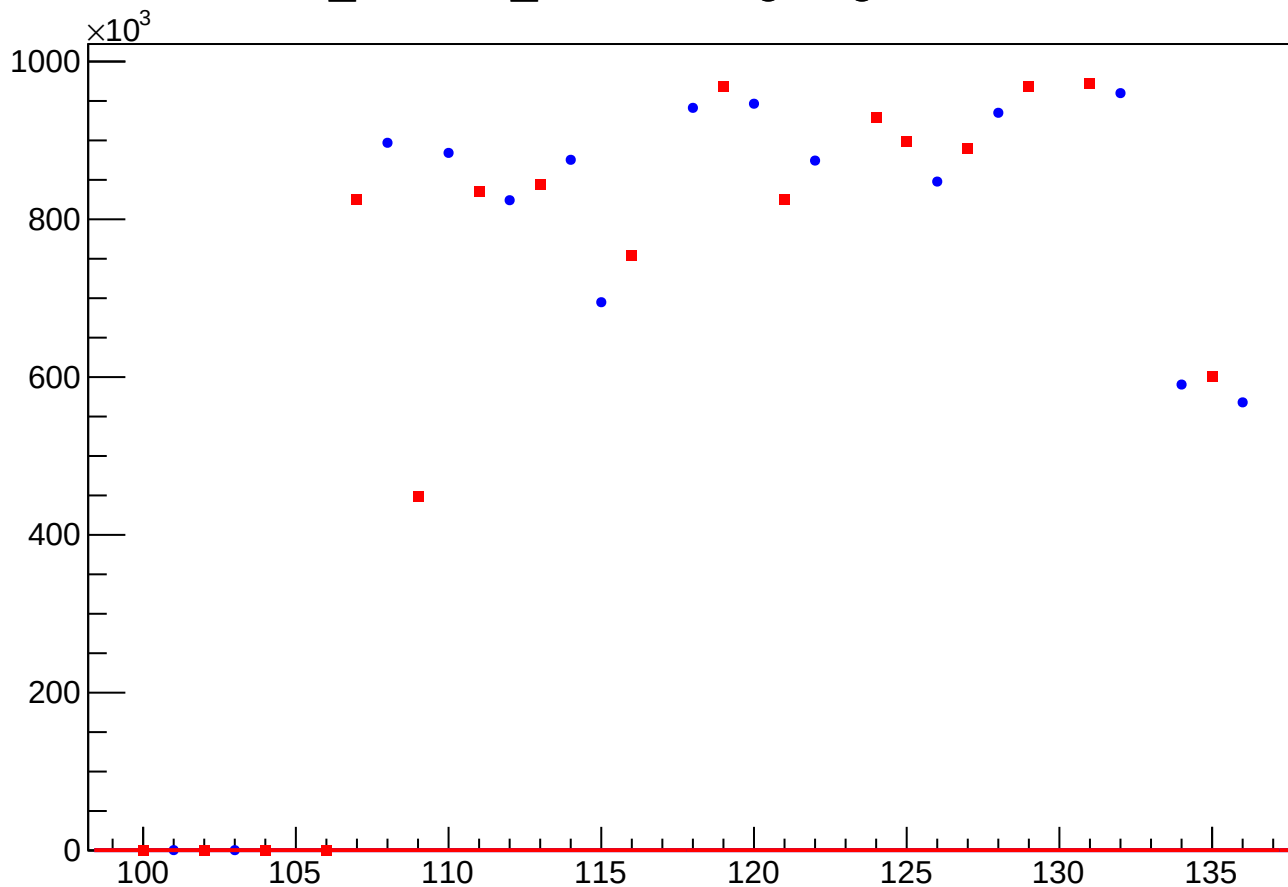
Right: 0.065+/-0.241 χ^2/NDF : 33.6/33

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 : 33.6/33

diff_cav4bX_rms vs Slug, Sign Corrected



Right In: 398.881+/-0.251 χ^2/NDF : 8491830.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 393.201+/-0.232 χ^2/NDF : 7244927.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

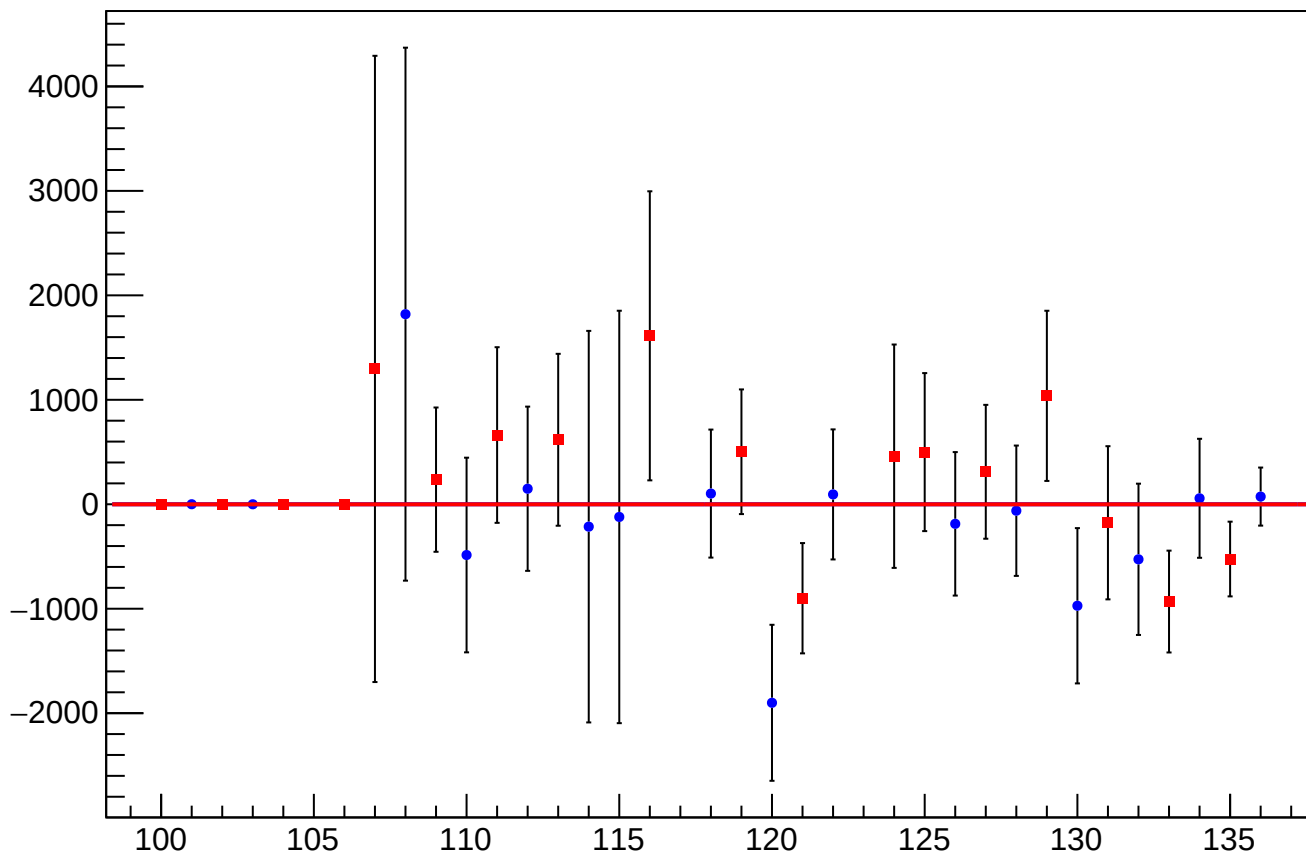
Right: 395.810+/-0.170 χ^2/NDF : 15737033.9/31

In: 398.881+/-0.251 χ^2/NDF : 8491830.9/14

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 395.810+/-0.170 χ^2/NDF : 15737033.9/31

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: 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

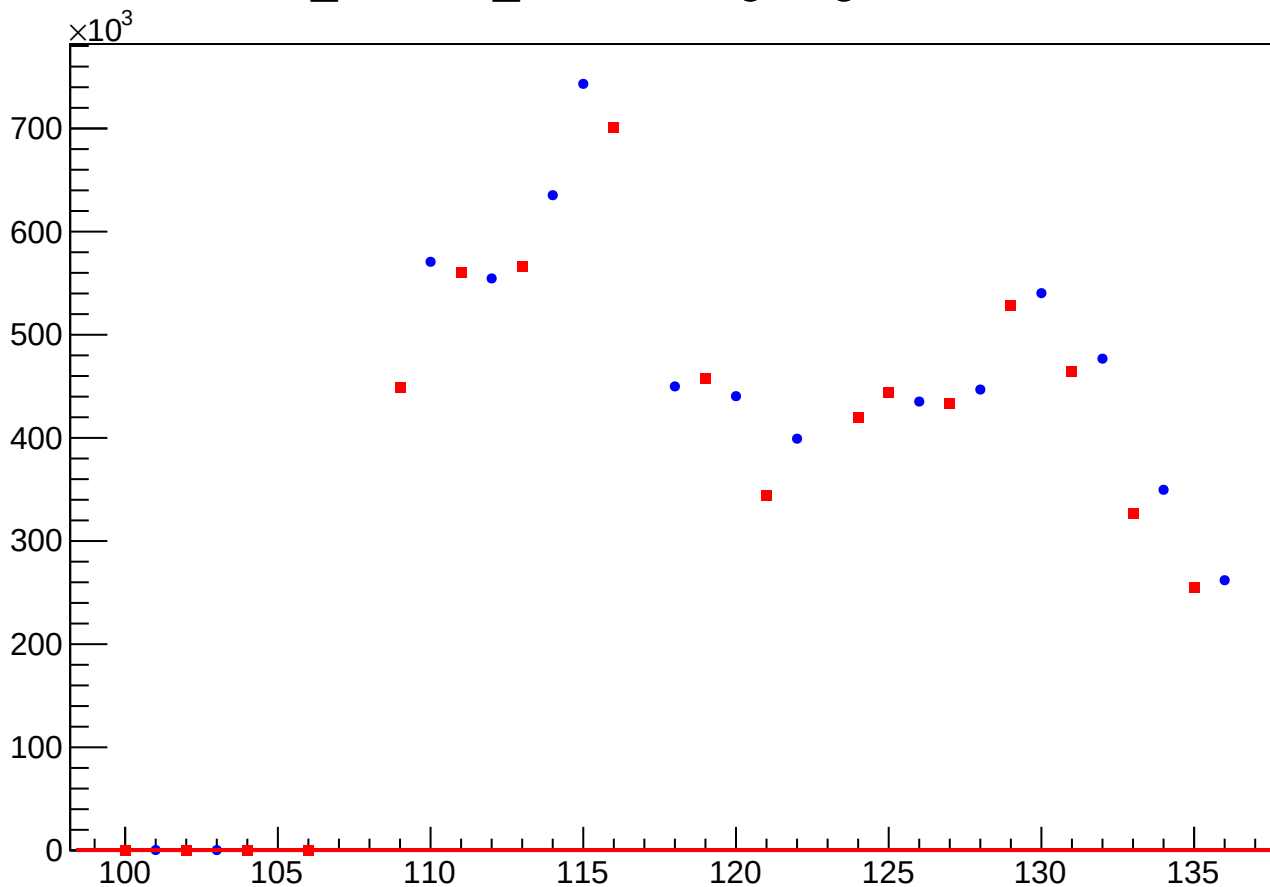
Right: -0.330+/-0.237 χ^2 /NDF: 26.9/33

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: 26.9/33

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: 387.903 ± 0.229 χ^2/NDF : 10671104.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

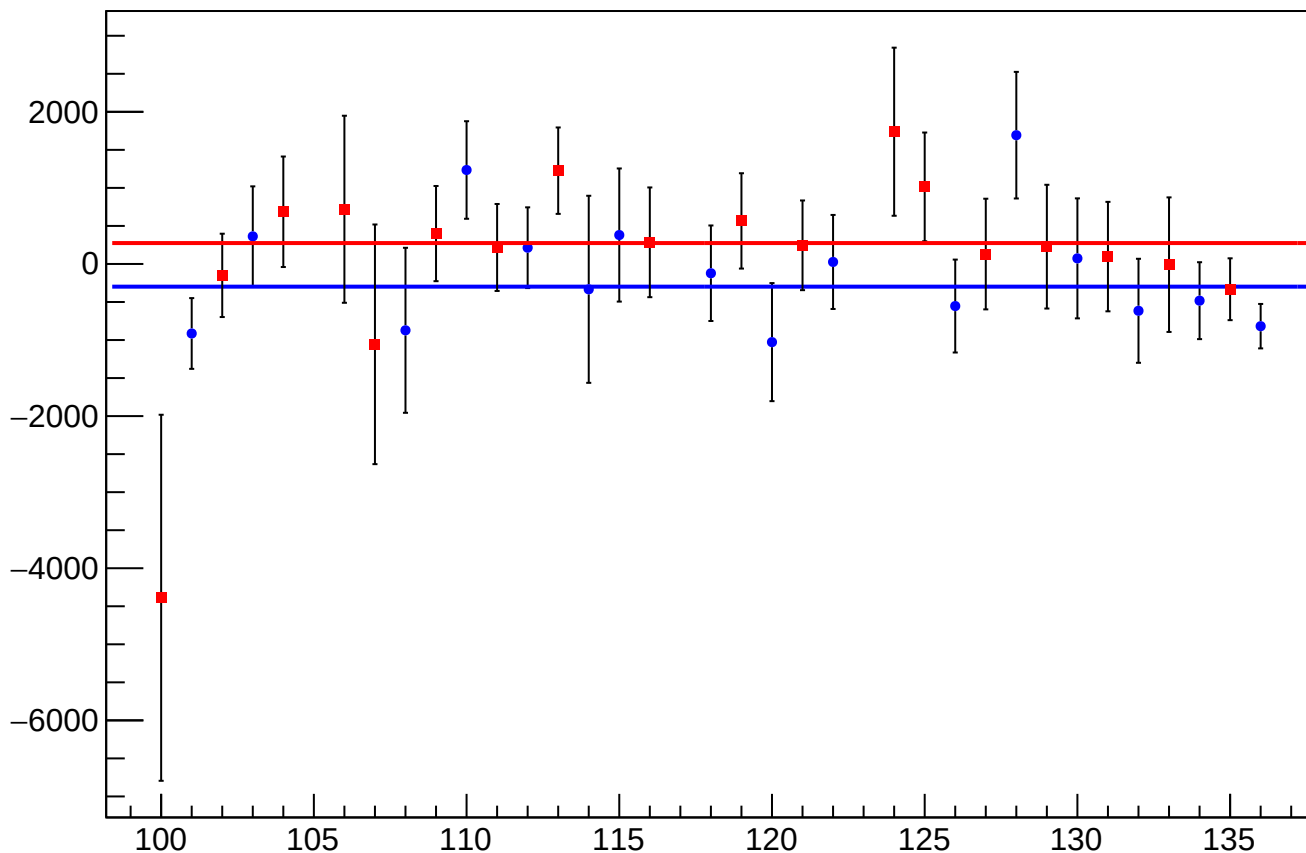
Right: 389.007 ± 0.167 χ^2/NDF : 21803395.5/31

In: 390.276 ± 0.245 χ^2/NDF : 11132240.7/14

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 389.007 ± 0.167 χ^2/NDF : 21803395.5/31

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: 274.816+/-162.294 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

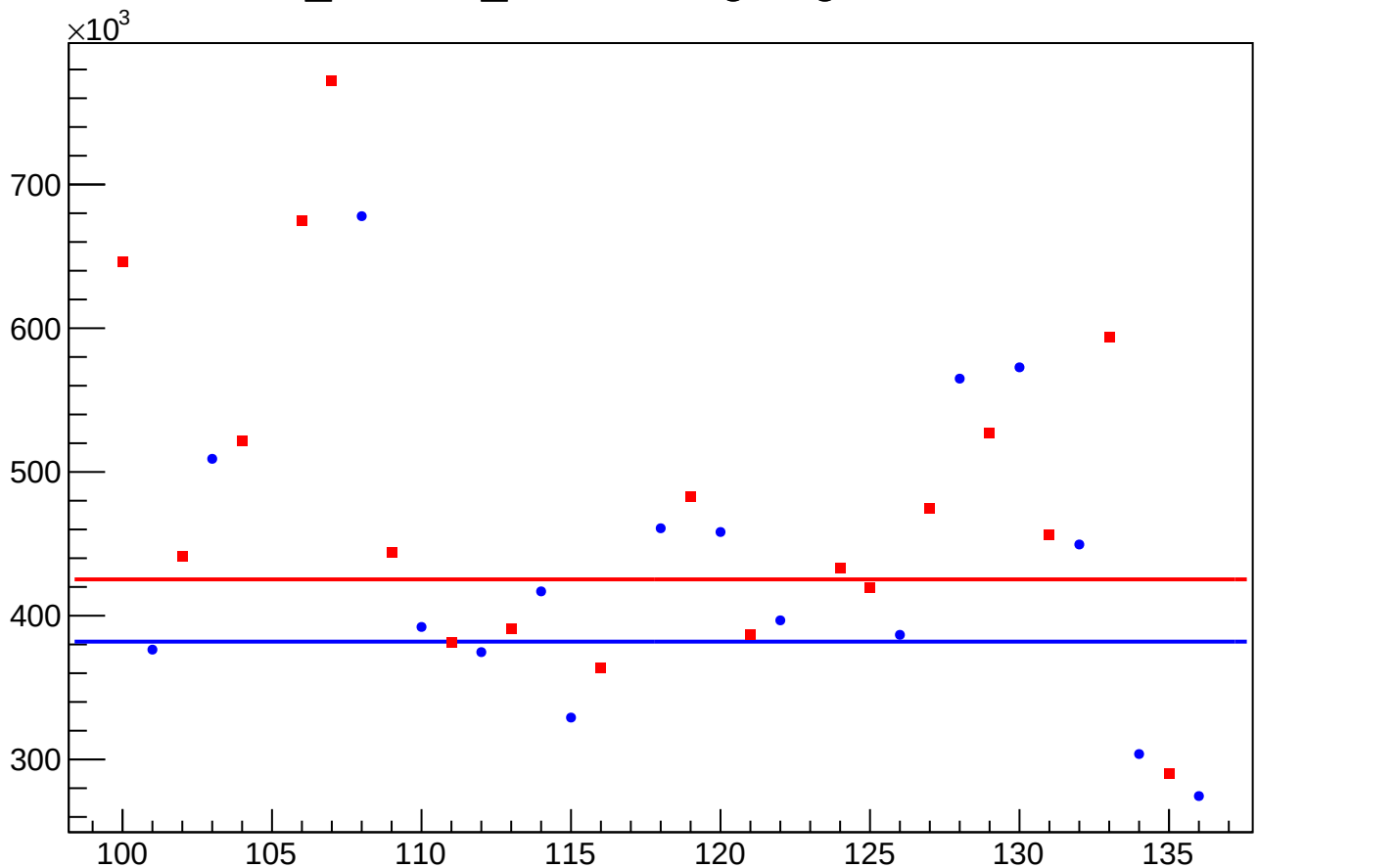
Right: -39.284+/-109.101 χ^2/NDF : 41.9/33

In: -298.263+/-147.367 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

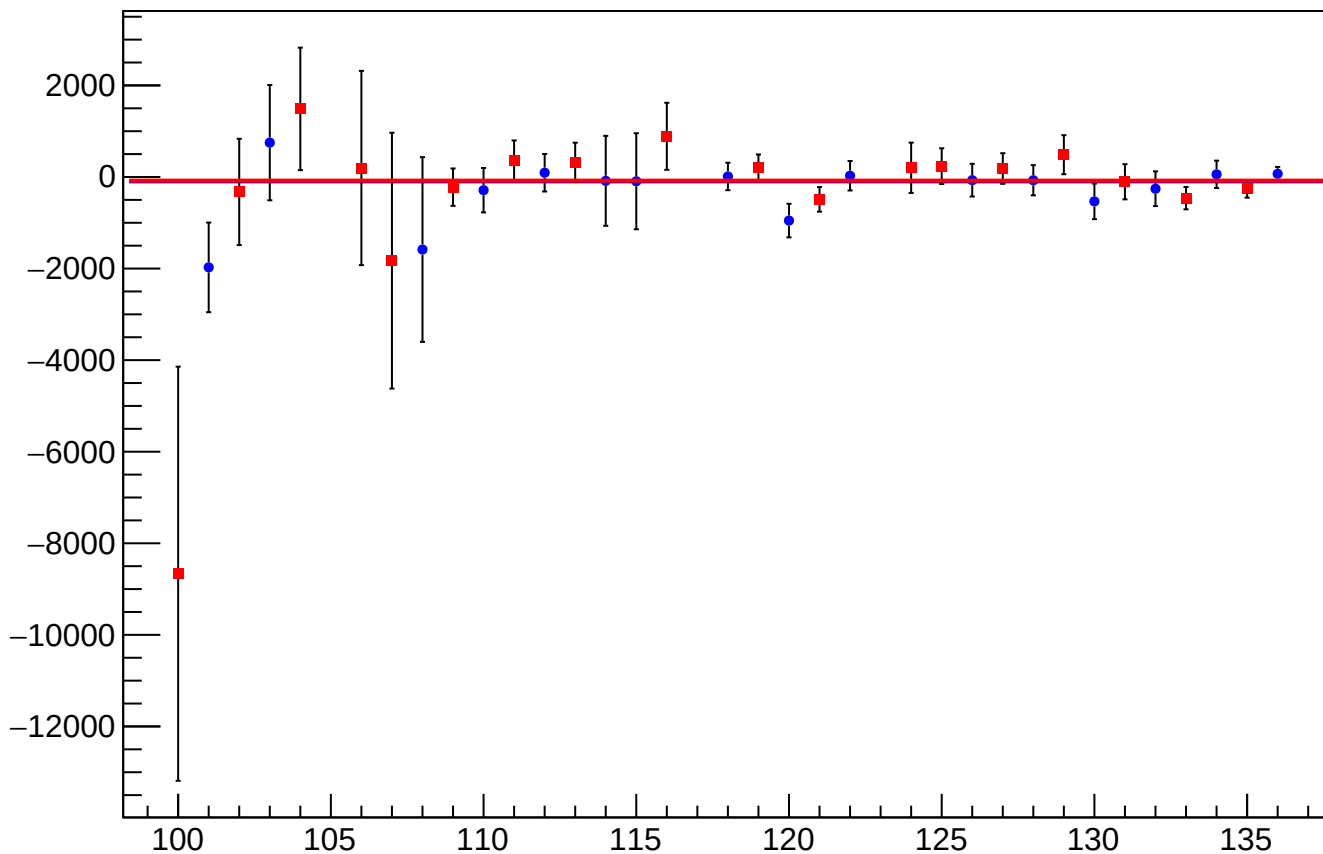
All: -39.284+/-109.101 χ^2/NDF : 41.9/33

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: 401534.698+/-77.163 χ^2/NDF : 1544225.0/33
 In: 381960.471+/-104.223 χ^2/NDF : 836441.6/15
 Right Out: 425279.424+/-114.790 χ^2/NDF : 629722.3/17
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 401534.698+/-77.163 χ^2/NDF : 1544225.0/33

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: -79.390 ± 90.845 χ^2/NDF : 19.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

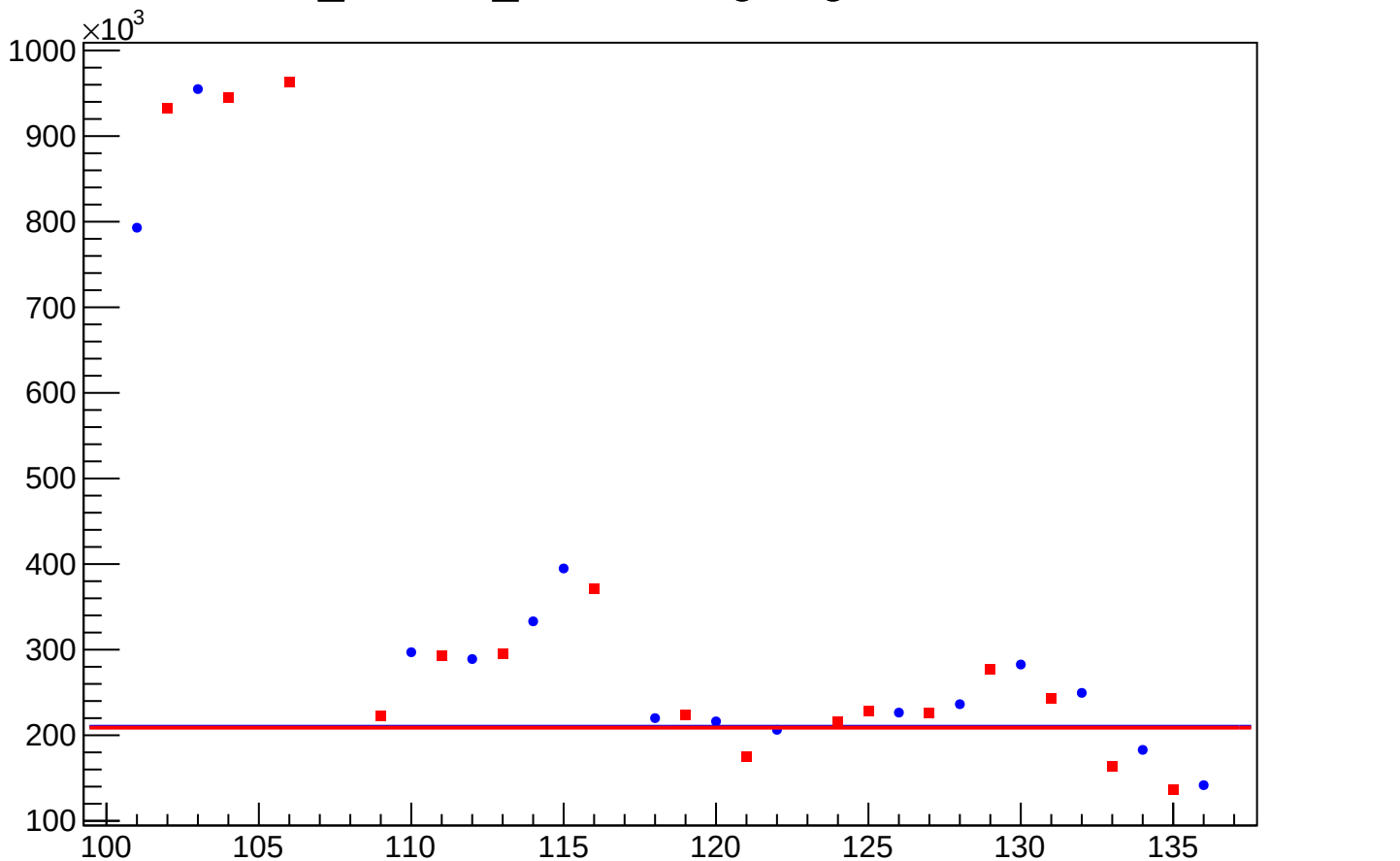
Right: -87.857 ± 63.306 χ^2/NDF : 32.8/33

In: -95.850 ± 88.267 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

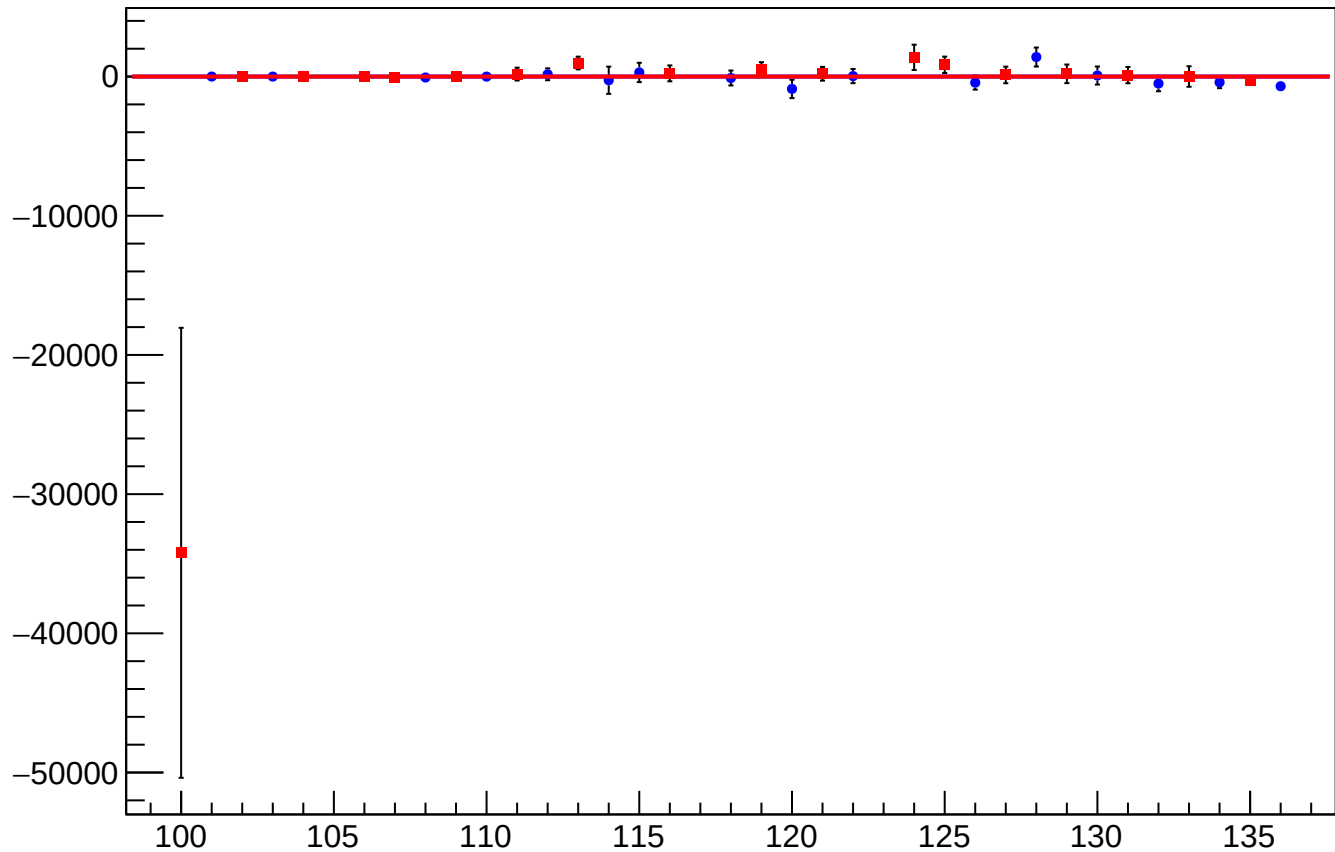
All: -87.857 ± 63.306 χ^2/NDF : 32.8/33

diff_cav4cY_rms vs Slug, Sign Corrected



Right In: 209929.195 $\pm$ 62.523 χ^2/NDF : 1959897.2/14
 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: 209428.761 $\pm$ 44.863 χ^2/NDF : 3948488.6/30
 Right Out: 208897.665 $\pm$ 64.410 χ^2/NDF : 1988459.3/15
 In: 209929.195 $\pm$ 62.523 χ^2/NDF : 1959897.2/14
 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: 209428.761 $\pm$ 44.863 χ^2/NDF : 3948488.6/30

diff_cav4dX_mean vs Slug, Sign Corrected



Right In: -0.035 ± 0.172 $\chi^2/\text{NDF}: 18.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.355 ± 0.160 $\chi^2/\text{NDF}: 16.4/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

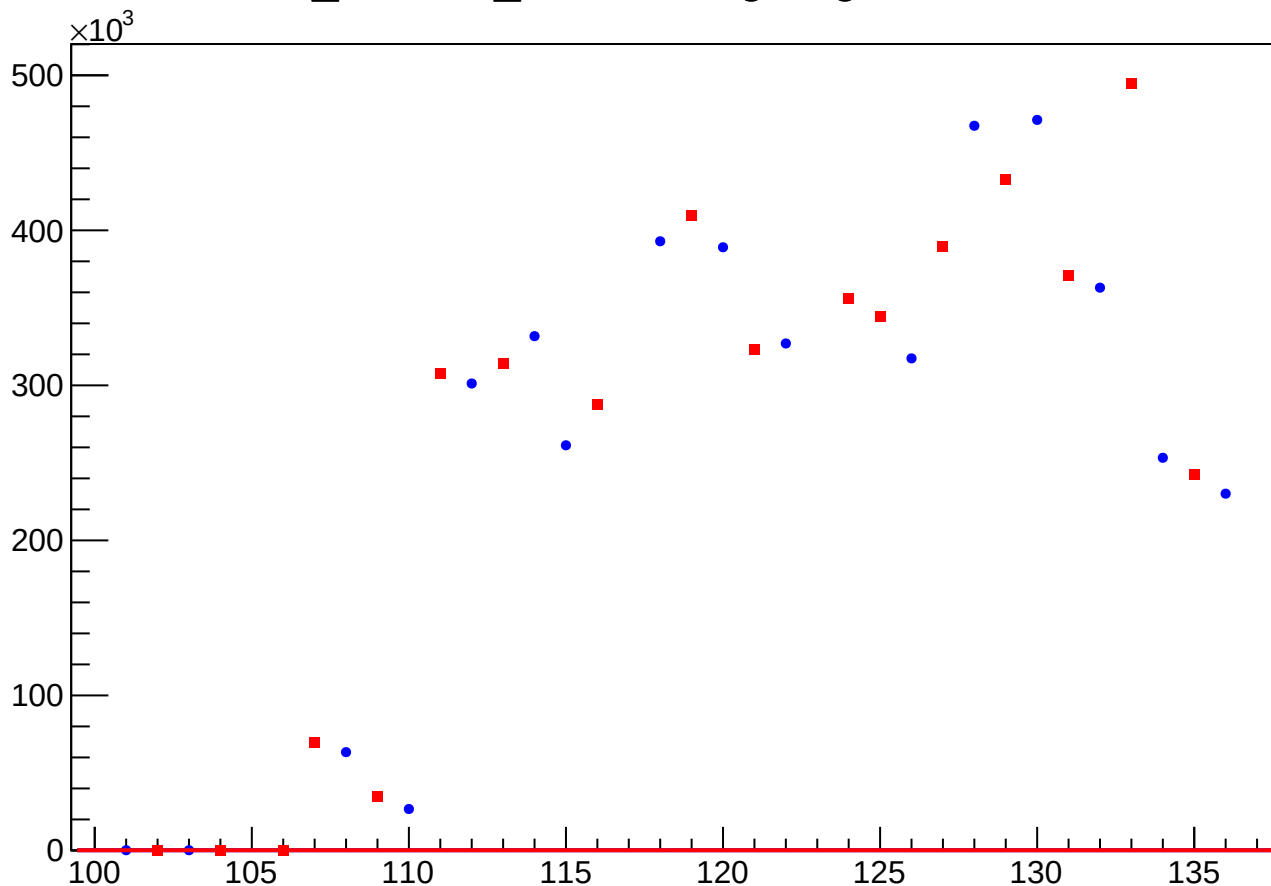
Right: 0.174 ± 0.117 $\chi^2/\text{NDF}: 37.3/33$

In: -0.035 ± 0.172 $\chi^2/\text{NDF}: 18.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.174 ± 0.117 $\chi^2/\text{NDF}: 37.3/33$

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: 149.356 $\pm$ 0.113 χ^2 /NDF: 10884942.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

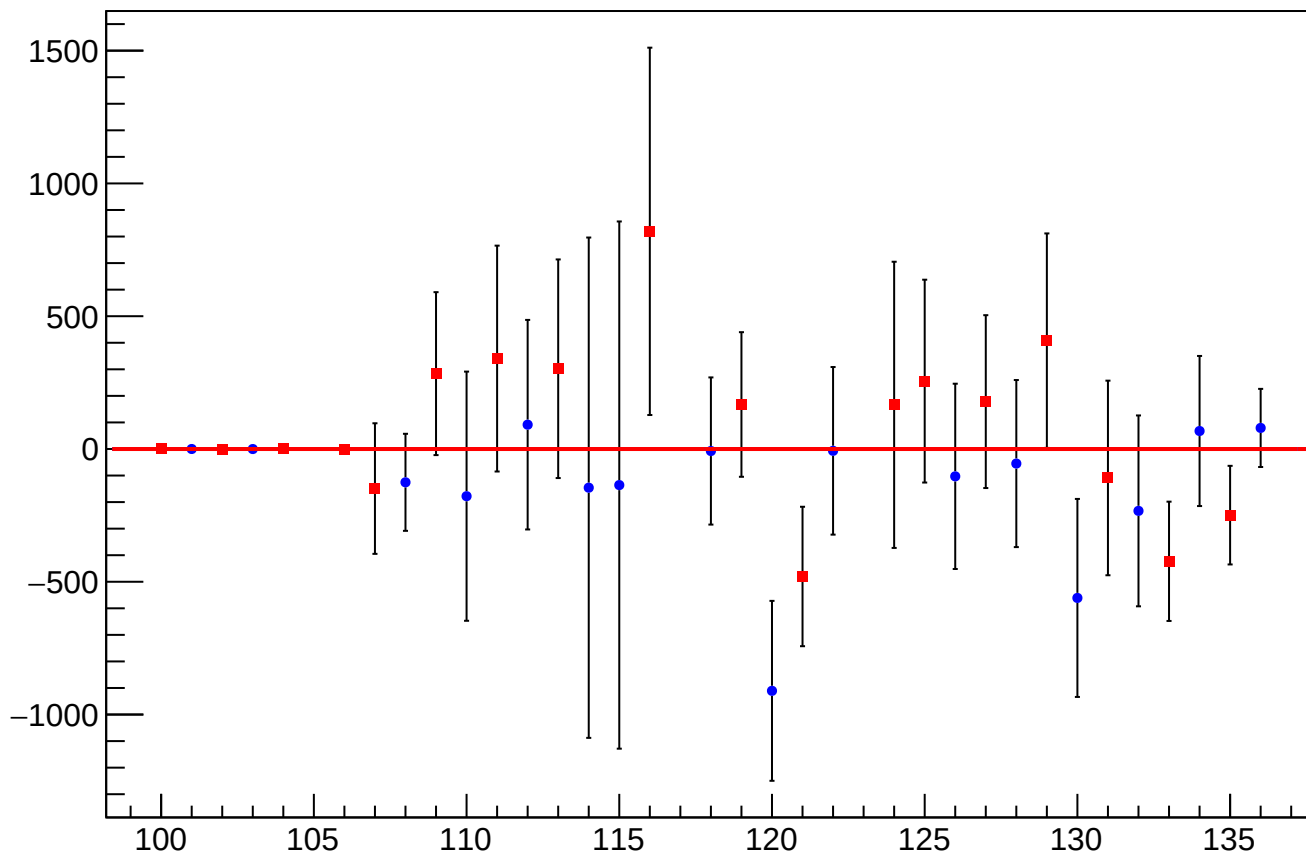
Right: 149.233 $\pm$ 0.083 χ^2 /NDF: 22186885.4/32

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: 149.233 $\pm$ 0.083 χ^2 /NDF: 22186885.4/32

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 : 15.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

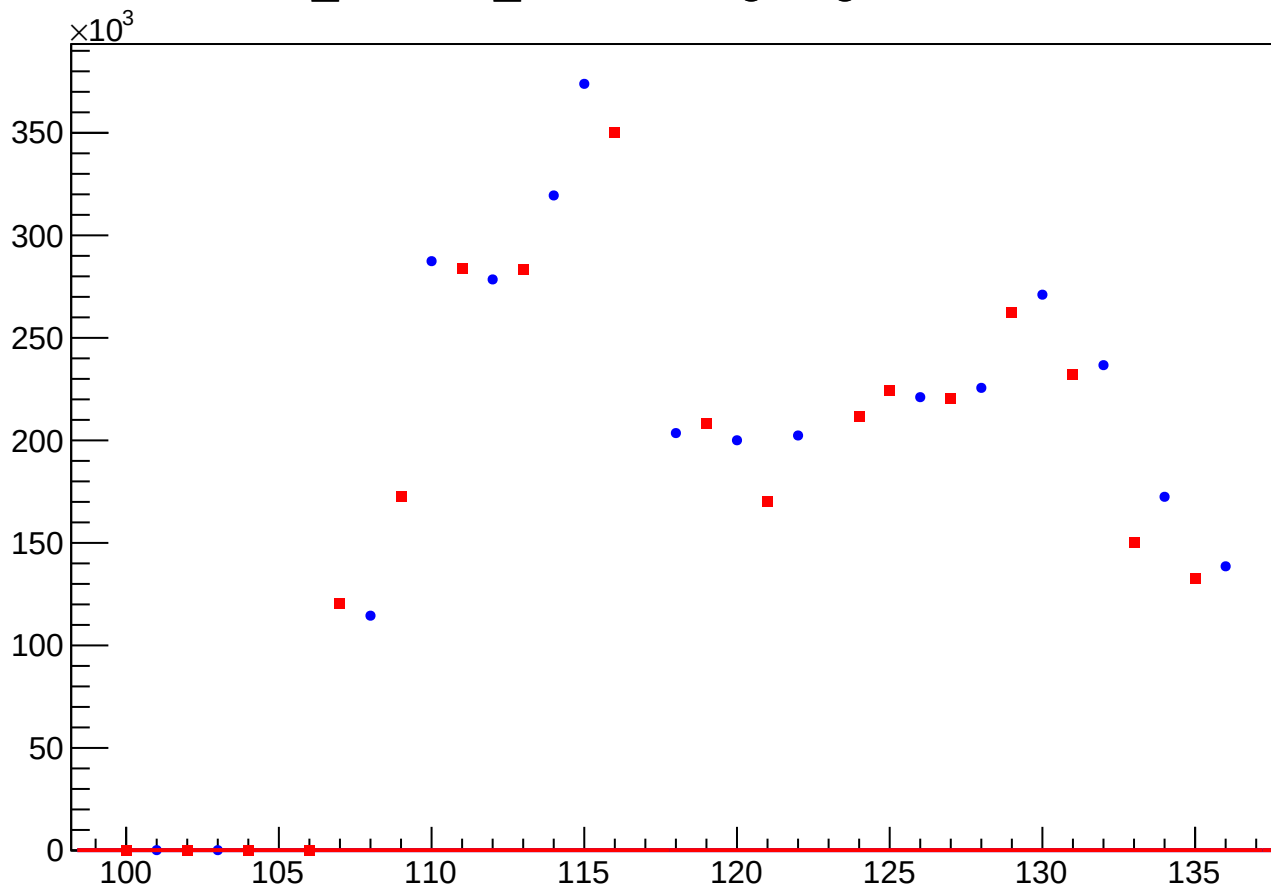
Right: -0.099 ± 0.121 χ^2/NDF : 26.3/33

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 : 26.3/33

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: 156.117 $\pm$ 0.118 χ^2/NDF : 10927634.7/17

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

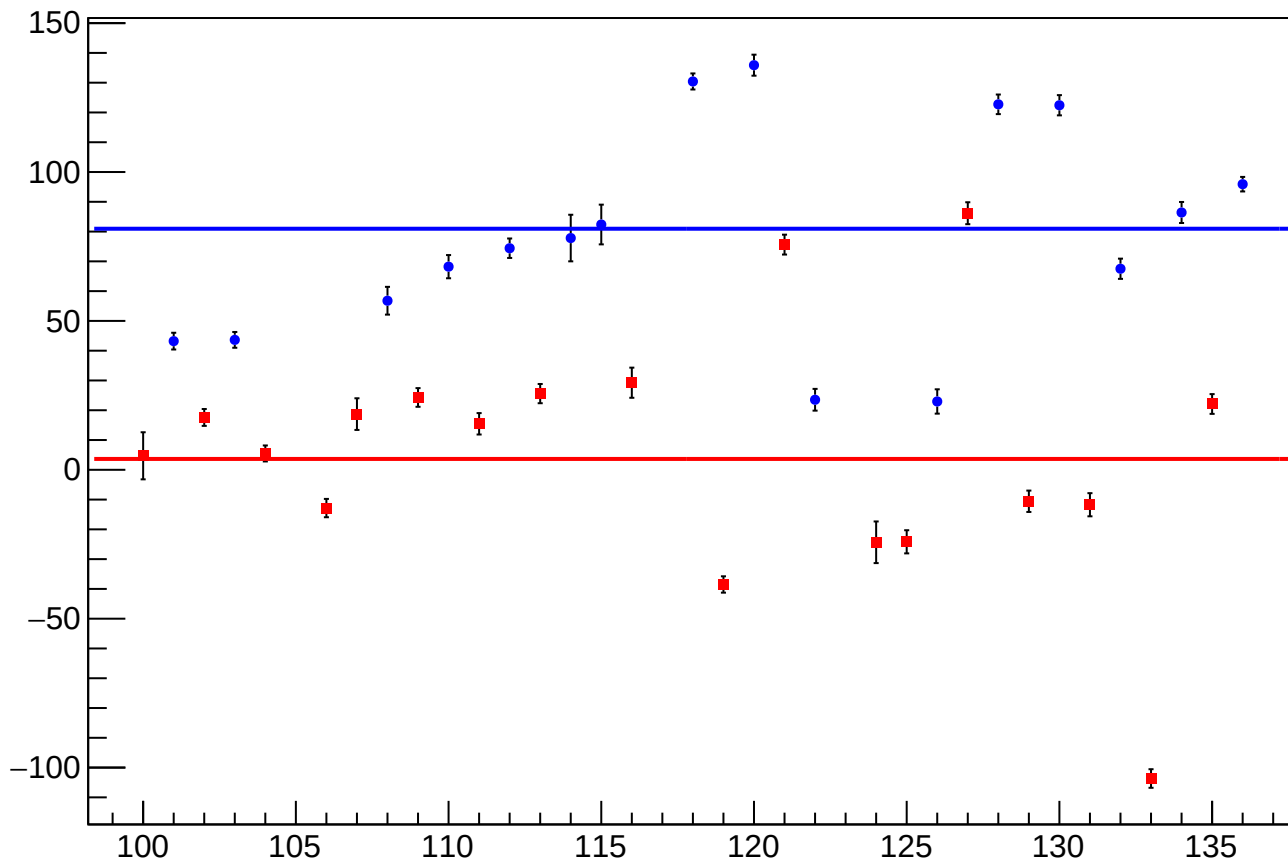
Right: 154.872 $\pm$ 0.086 χ^2/NDF : 22832788.3/33

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: 154.872 $\pm$ 0.086 χ^2/NDF : 22832788.3/33

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: 3.647+/-0.829 χ^2/NDF : 2700.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

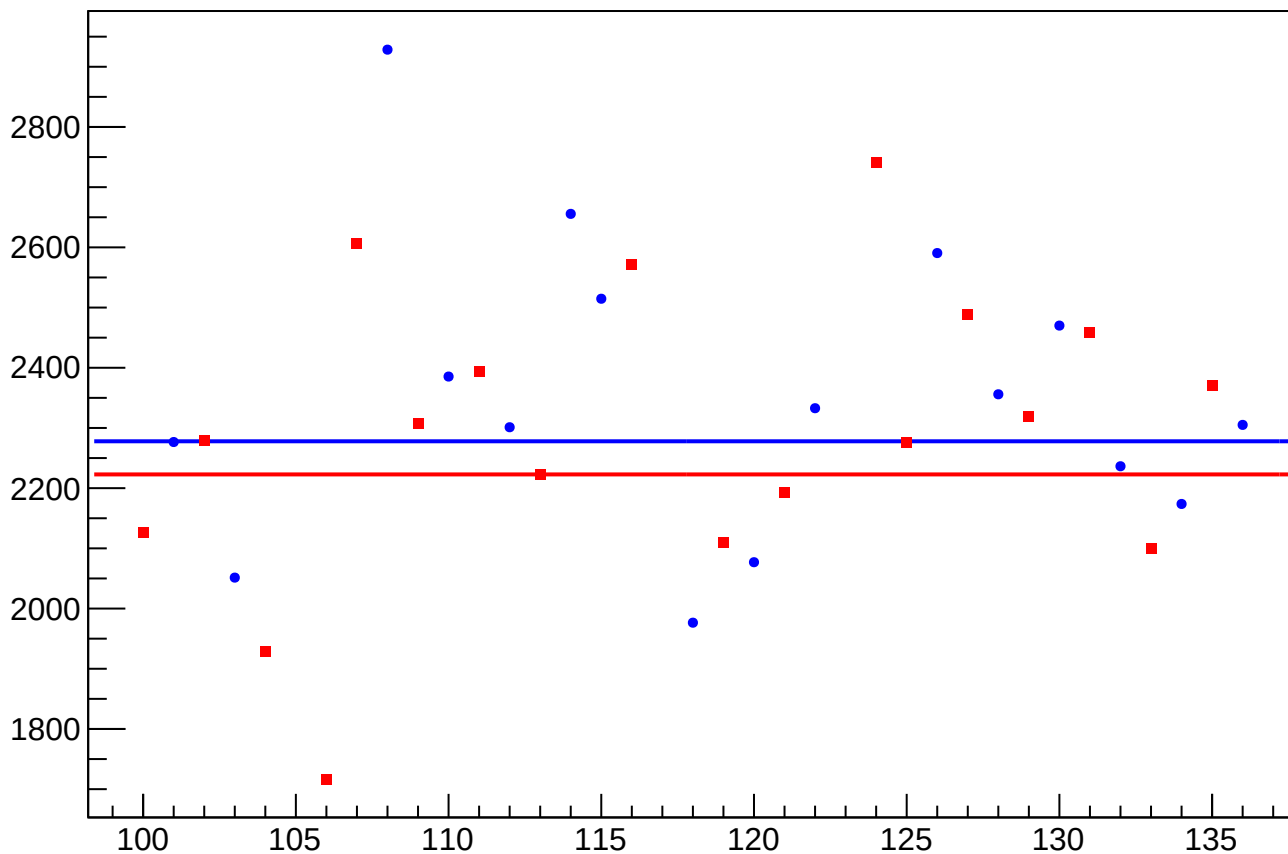
Right: 41.281+/-0.594 χ^2/NDF : 8745.3/33

In: 80.955+/-0.851 χ^2/NDF : 1813.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.281+/-0.594 χ^2/NDF : 8745.3/33

diff_bpm0i01X_rms vs Slug, Sign Corrected



Right In: 2277.867+/-0.602 χ^2/NDF : 115771.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2222.834+/-0.586 χ^2/NDF : 146596.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

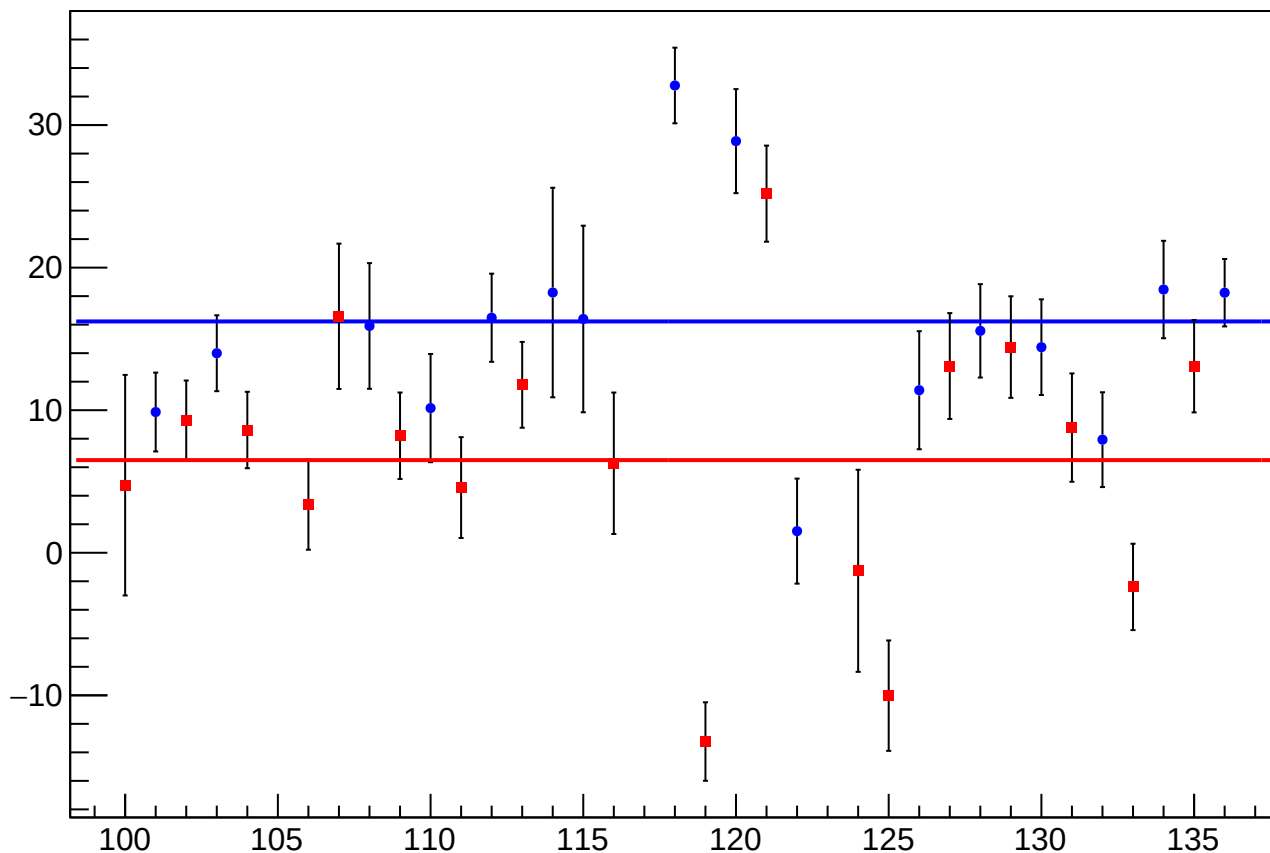
Right: 2249.624+/-0.420 χ^2/NDF : 266655.7/33

In: 2277.867+/-0.602 χ^2/NDF : 115771.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2249.624+/-0.420 χ^2/NDF : 266655.7/33

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: 6.499 $\pm$ 0.819 χ^2 /NDF: 133.0/17

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

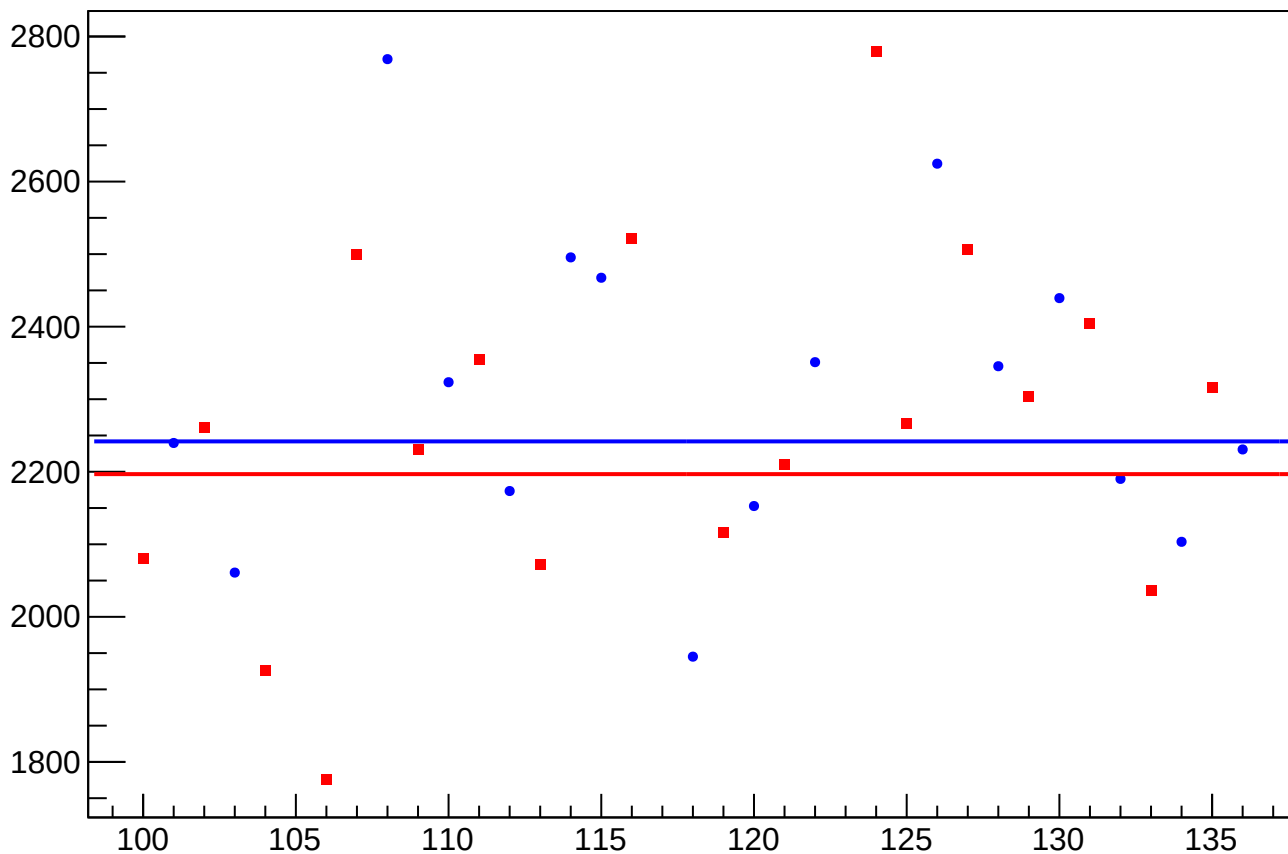
Right: 11.251 $\pm$ 0.585 χ^2 /NDF: 286.5/33

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: 11.251 $\pm$ 0.585 χ^2 /NDF: 286.5/33

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: 2196.730+/-0.579 χ^2/NDF : 126582.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

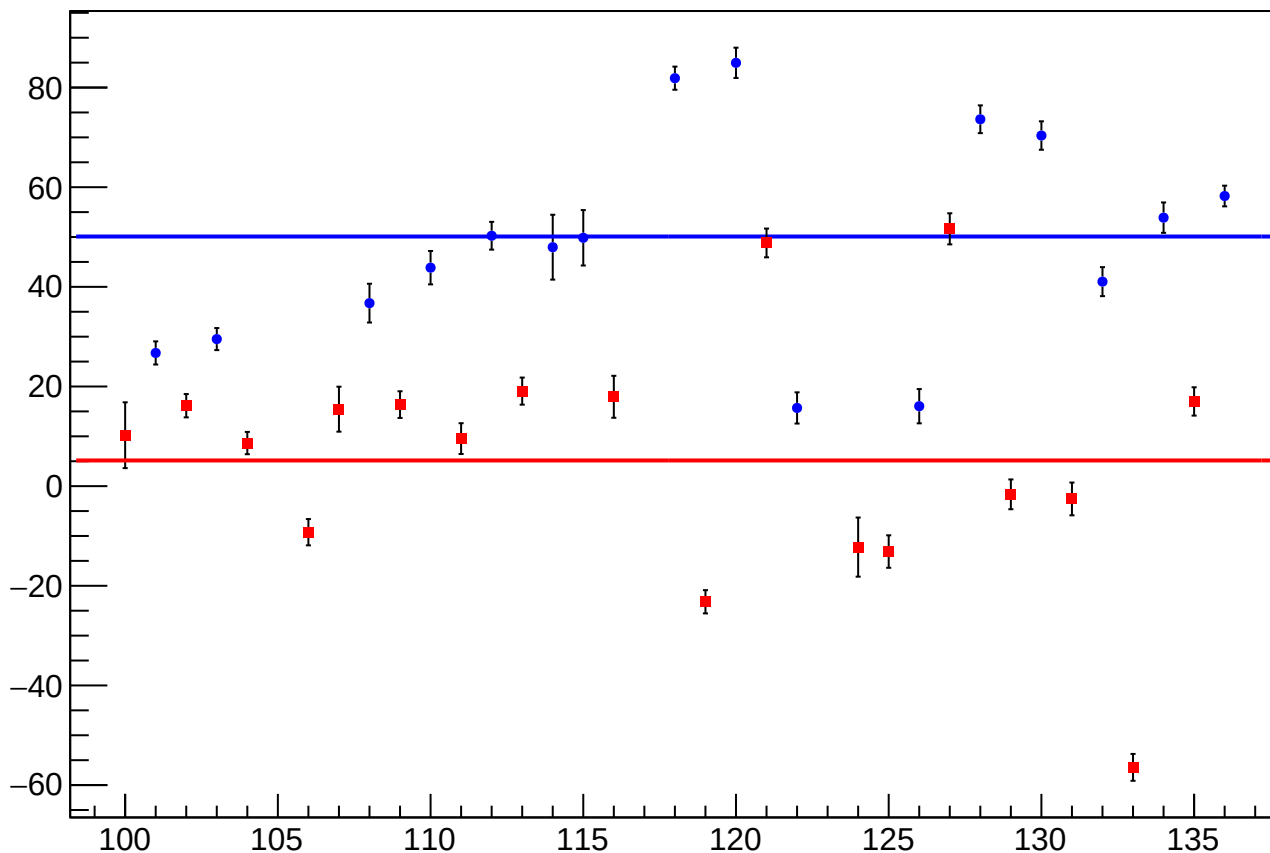
Right: 2218.775+/-0.414 χ^2/NDF : 231812.1/33

In: 2241.853+/-0.592 χ^2/NDF : 102260.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2218.775+/-0.414 χ^2/NDF : 231812.1/33

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: 5.155+/-0.702 χ^2/NDF : 1303.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

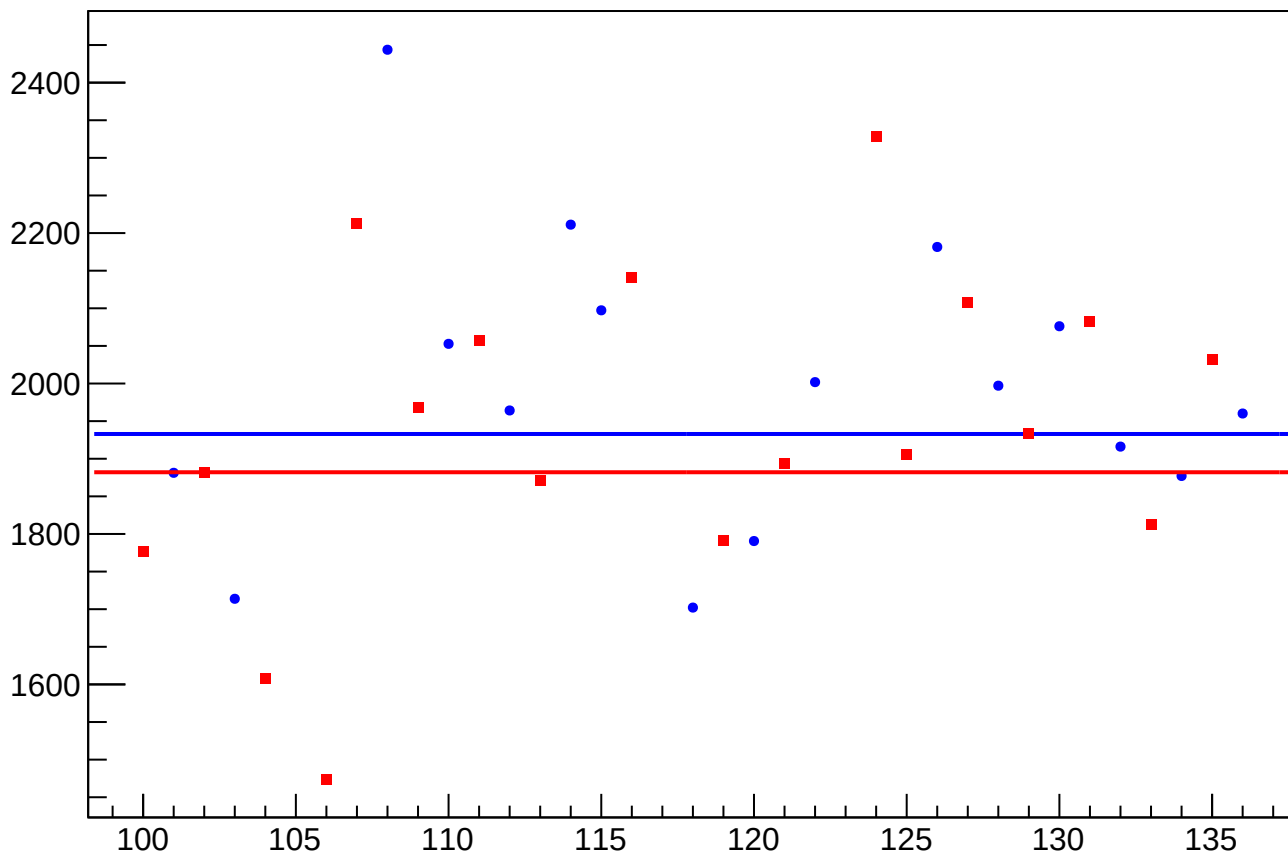
Right: 26.994+/-0.503 χ^2/NDF : 4184.2/33

In: 50.102+/-0.722 χ^2/NDF : 888.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.994+/-0.503 χ^2/NDF : 4184.2/33

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: 1882.048 $\pm$ 0.496 χ^2 /NDF: 145204.3/17

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

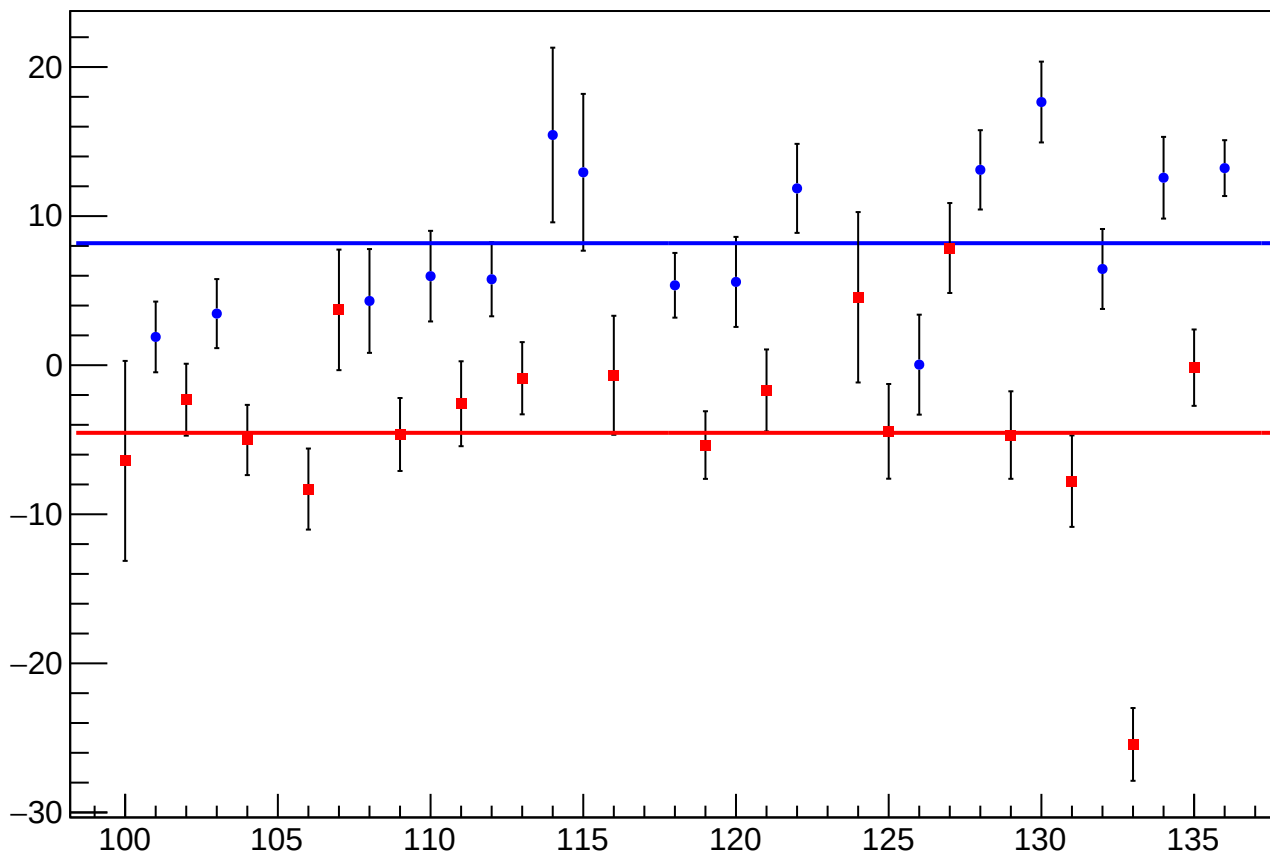
Right: 1906.758 $\pm$ 0.356 χ^2 /NDF: 256271.7/33

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: 1906.758 $\pm$ 0.356 χ^2 /NDF: 256271.7/33

diff_bpm0i01aY_mean vs Slug, Sign Corrected



Right In: 8.183+/-0.684 χ^2/NDF : 52.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.537+/-0.674 χ^2/NDF : 108.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

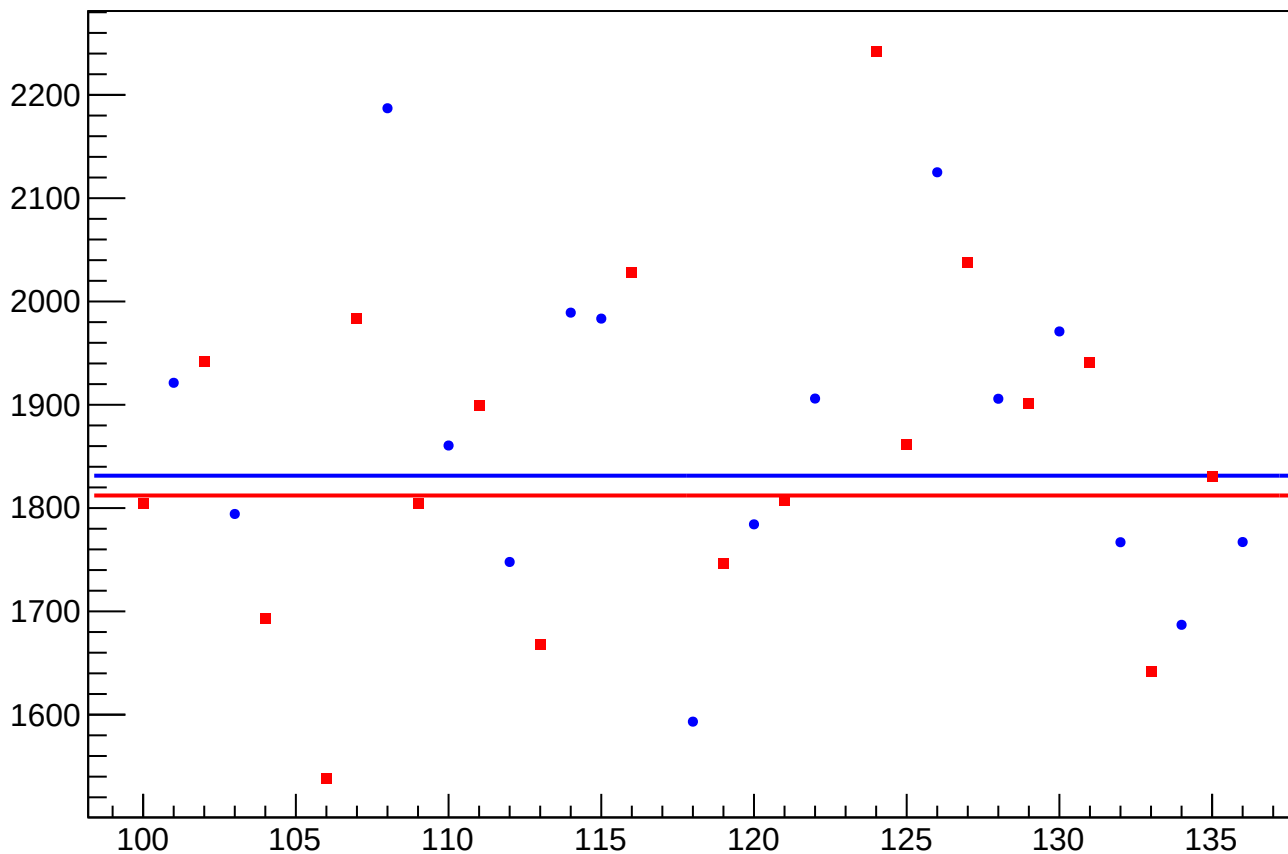
Right: 1.731+/-0.480 χ^2/NDF : 336.3/33

In: 8.183+/-0.684 χ^2/NDF : 52.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.731+/-0.480 χ^2/NDF : 336.3/33

diff_bpm0i01aY_rms vs Slug, Sign Corrected



Right In: 1831.359+/-0.483 χ^2/NDF : 86919.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1812.182+/-0.476 χ^2/NDF : 89523.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

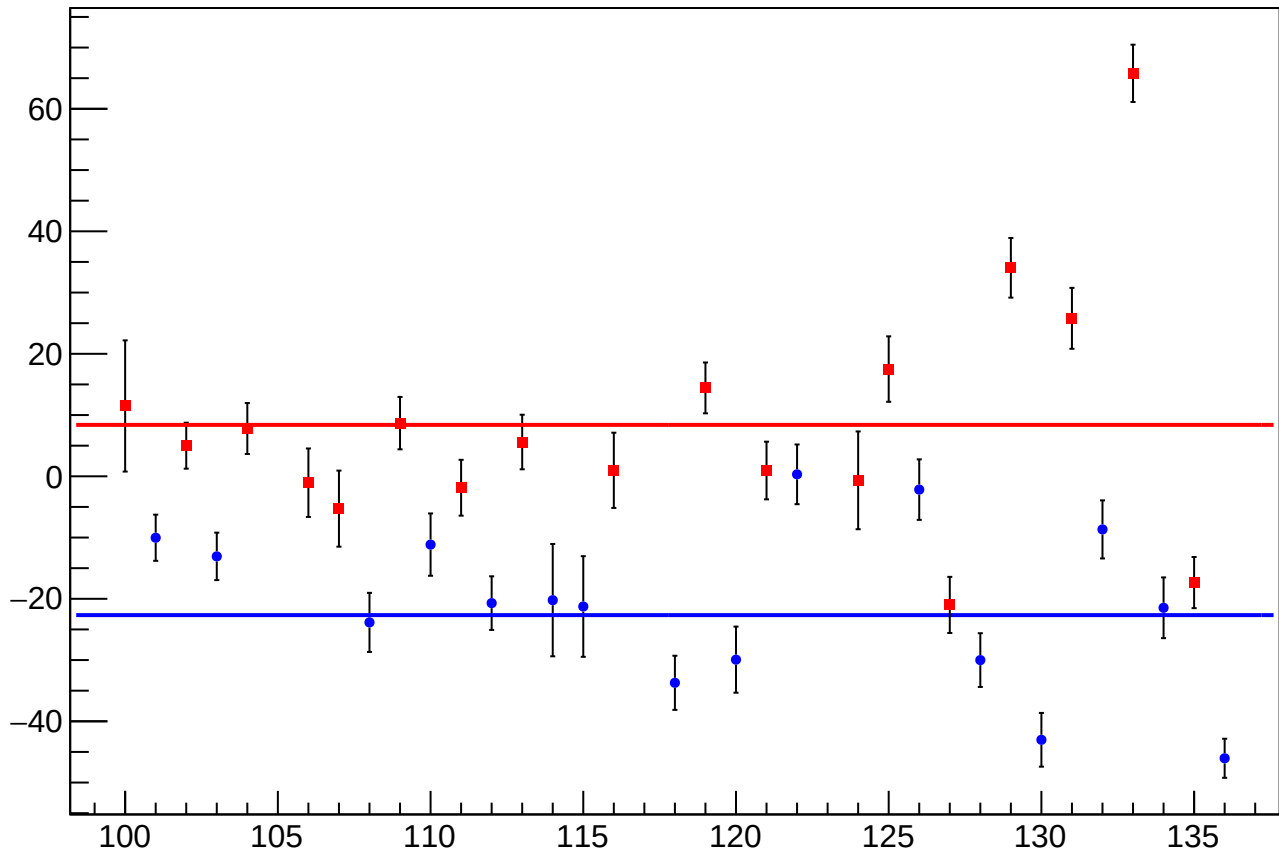
Right: 1821.631+/-0.339 χ^2/NDF : 177241.2/33

In: 1831.359+/-0.483 χ^2/NDF : 86919.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1821.631+/-0.339 χ^2/NDF : 177241.2/33

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: 8.395 ± 1.145 χ^2/NDF : 294.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

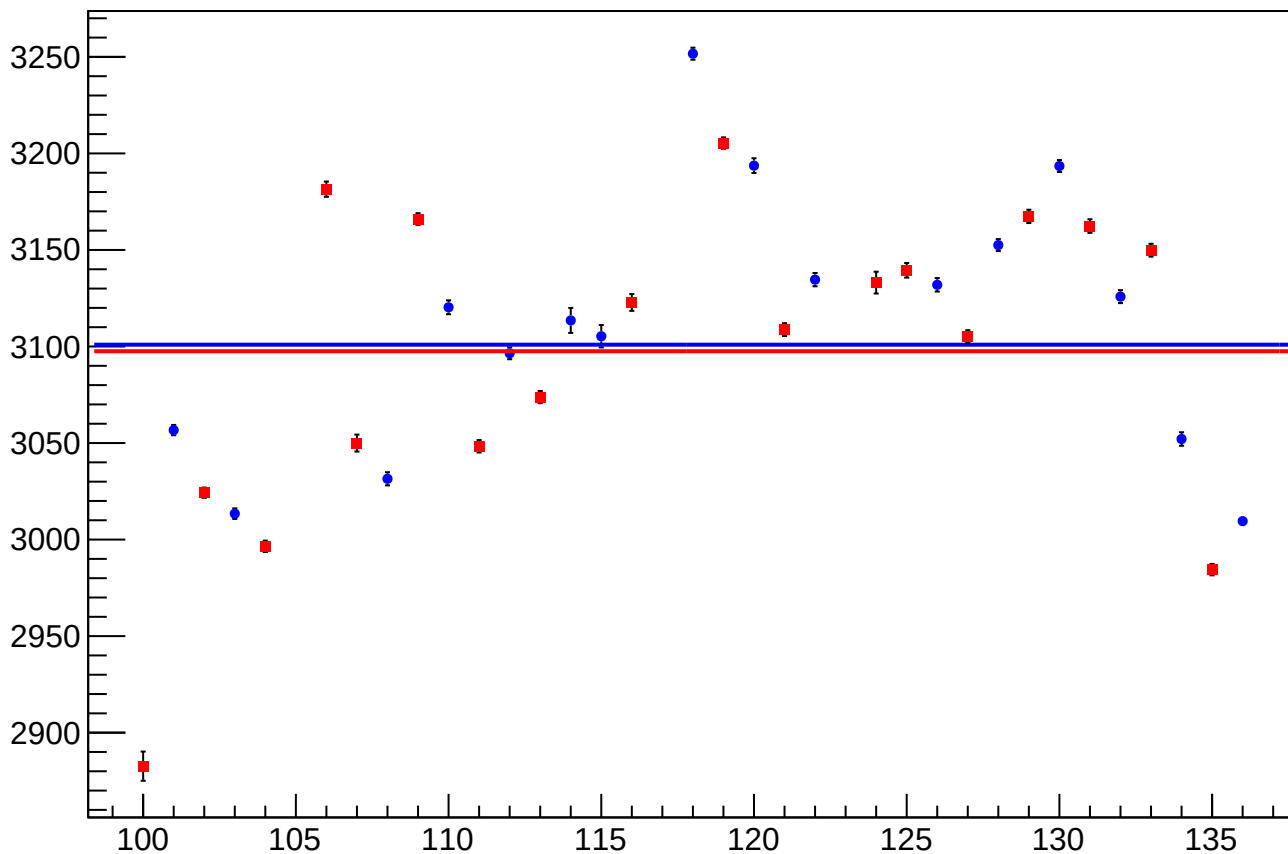
Right: -7.045 ± 0.812 χ^2/NDF : 816.8/33

In: -22.663 ± 1.152 χ^2/NDF : 157.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.045 ± 0.812 χ^2/NDF : 816.8/33

diff_bpm0l01X_rms vs Slug, Sign Corrected



Right In: 3100.940+/-0.815 χ^2/NDF : 7893.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3097.547+/-0.810 χ^2/NDF : 8150.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

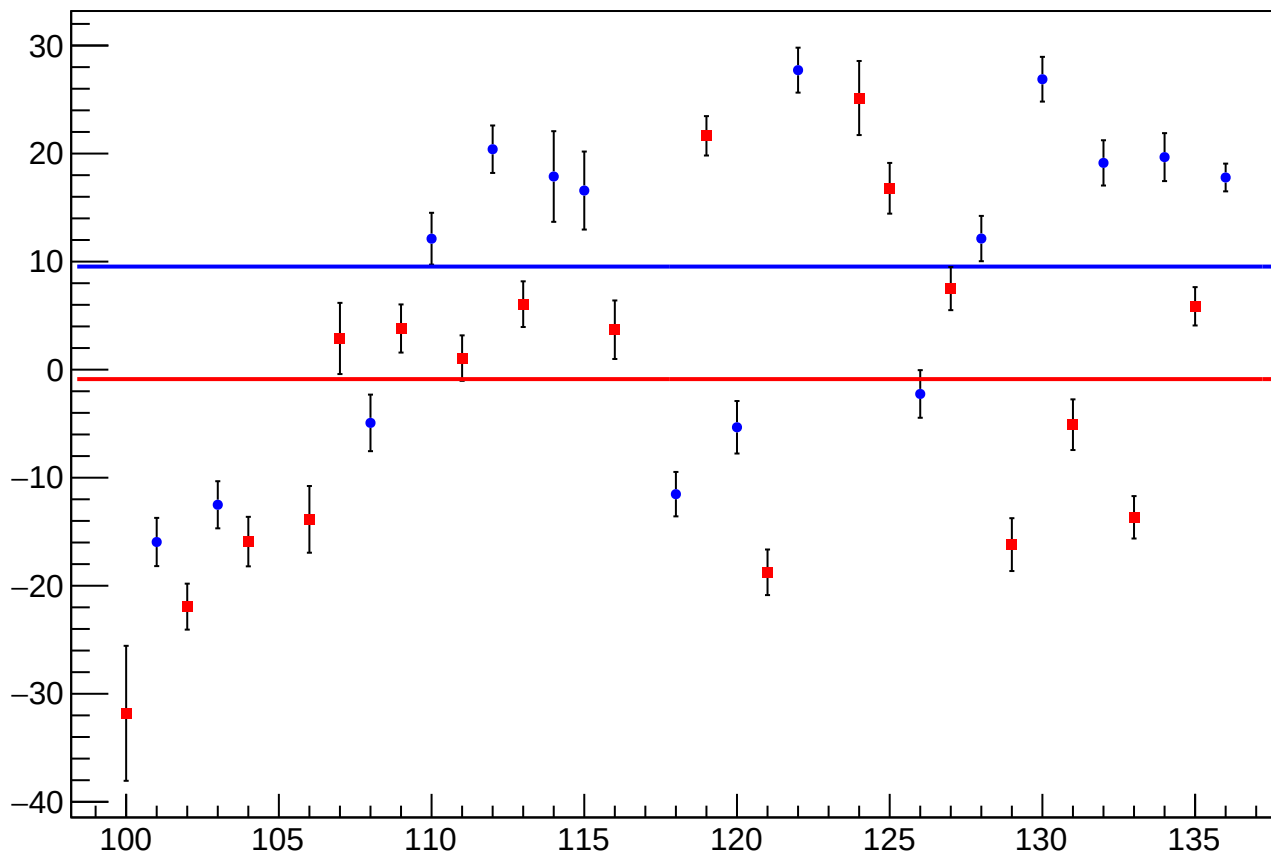
Right: 3099.234+/-0.574 χ^2/NDF : 16053.0/33

In: 3100.940+/-0.815 χ^2/NDF : 7893.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3099.234+/-0.574 χ^2/NDF : 16053.0/33

diff_bpm0l01Y_mean vs Slug, Sign Corrected



Right In: 9.540+/-0.541 χ^2/NDF : 698.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.875+/-0.543 χ^2/NDF : 659.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

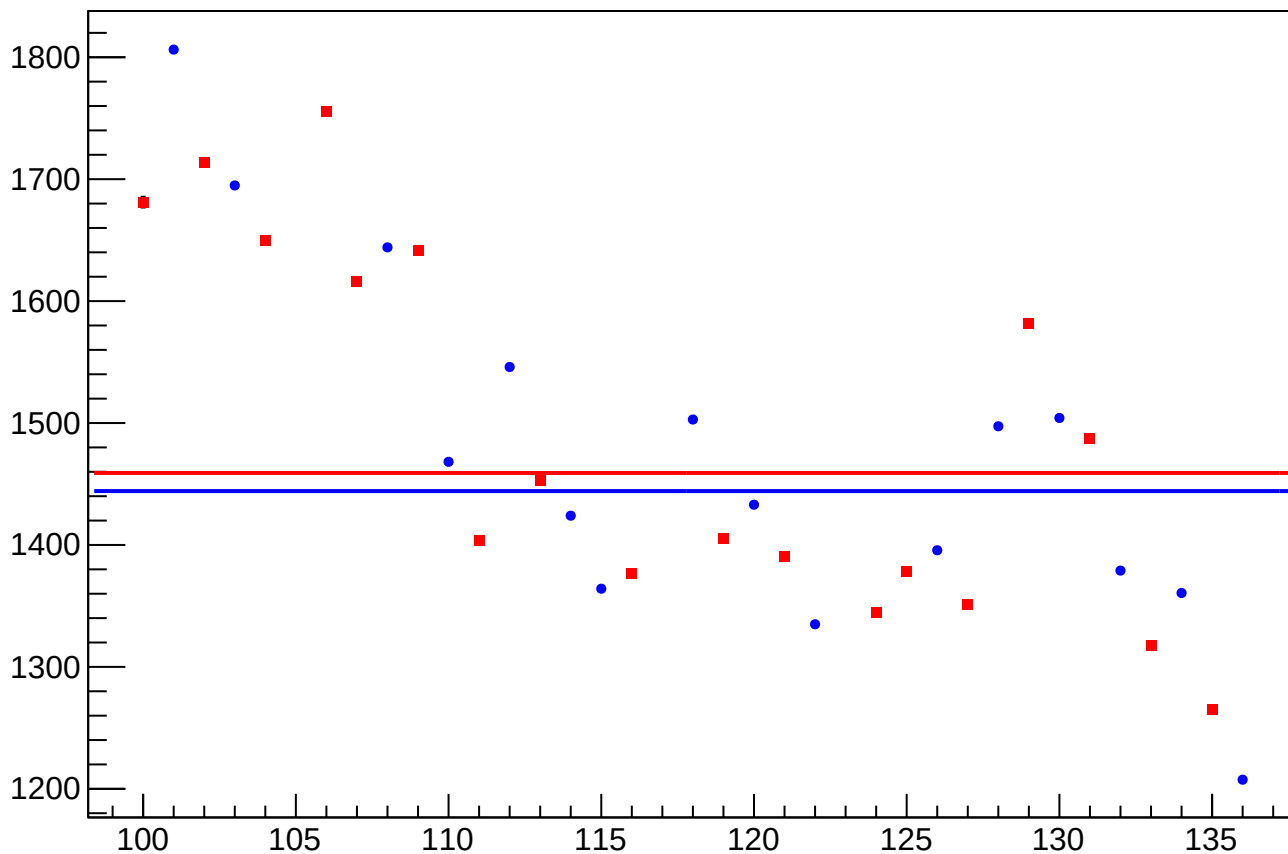
Right: 4.350+/-0.383 χ^2/NDF : 1542.3/33

In: 9.540+/-0.541 χ^2/NDF : 698.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.350+/-0.383 χ^2/NDF : 1542.3/33

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: 1459.052+/-0.384 χ^2/NDF : 138431.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

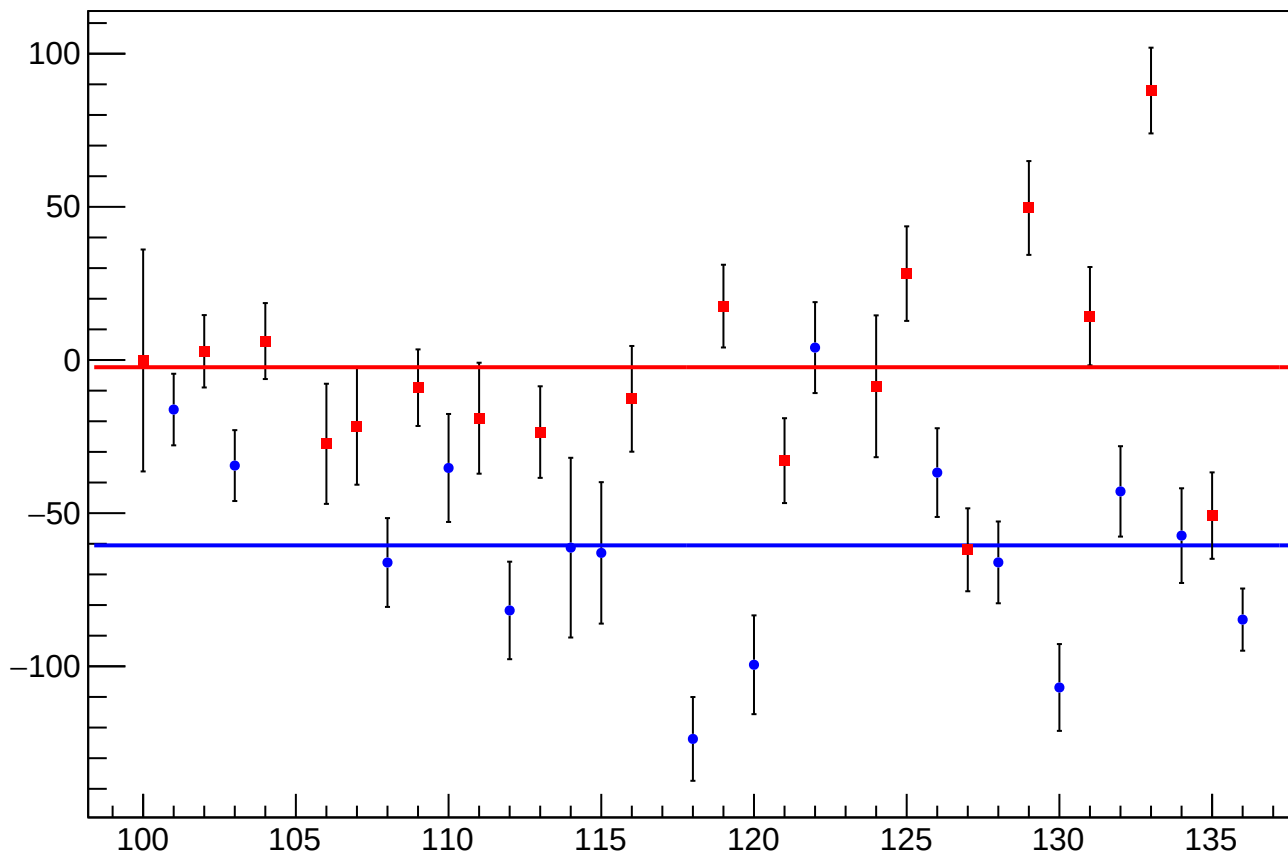
Right: 1451.595+/-0.271 χ^2/NDF : 319330.7/33

In: 1444.188+/-0.383 χ^2/NDF : 180147.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1451.595+/-0.271 χ^2/NDF : 319330.7/33

diff_bpm0l02X_mean vs Slug, Sign Corrected



Right In: -60.516 $\pm$ 3.596 χ^2 /NDF: 90.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.355 $\pm$ 3.592 χ^2 /NDF: 103.2/17

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

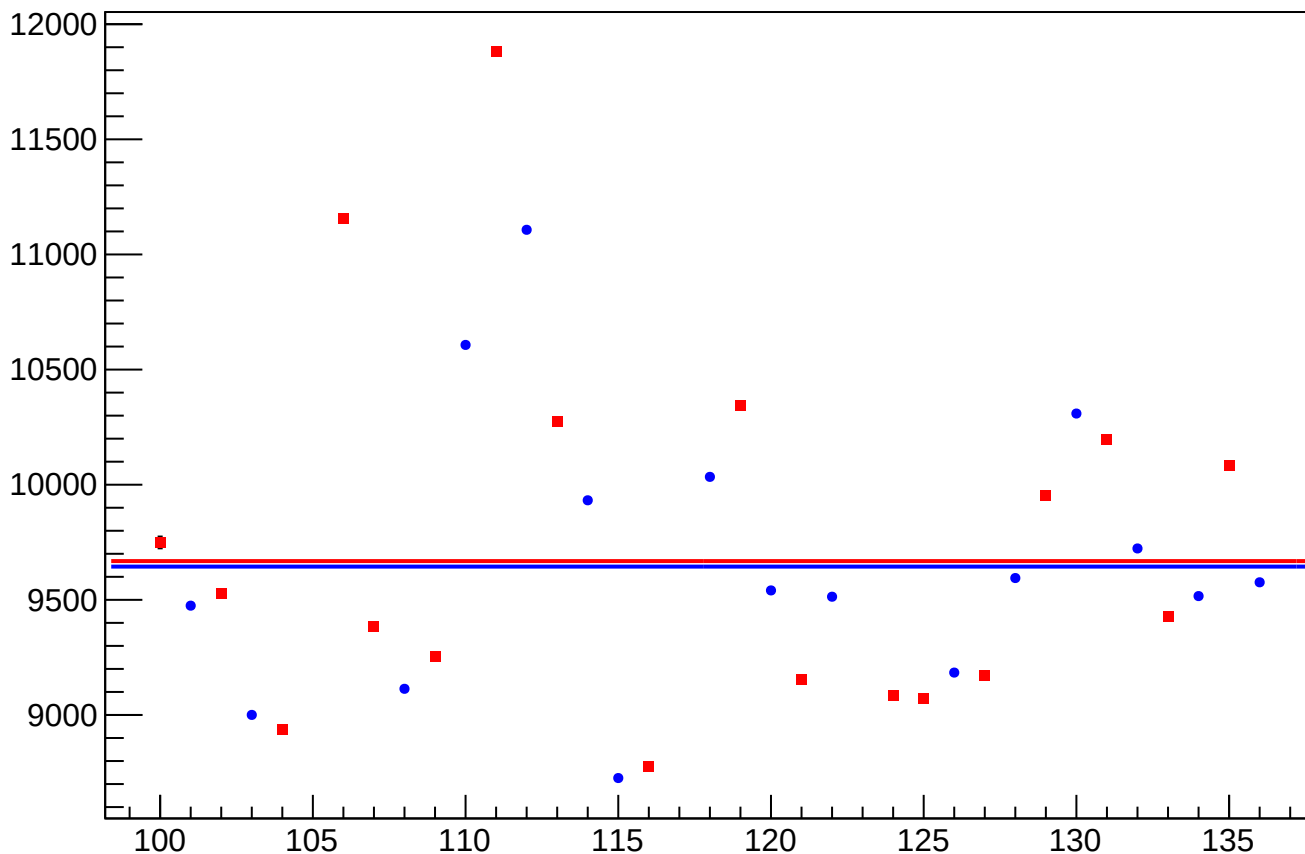
Right: -31.398 $\pm$ 2.541 χ^2 /NDF: 324.5/33

In: -60.516 $\pm$ 3.596 χ^2 /NDF:90.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -31.398 $\pm$ 2.541 χ^2 /NDF: 324.5/33

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: 9668.283+/-2.540 χ^2/NDF : 79873.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

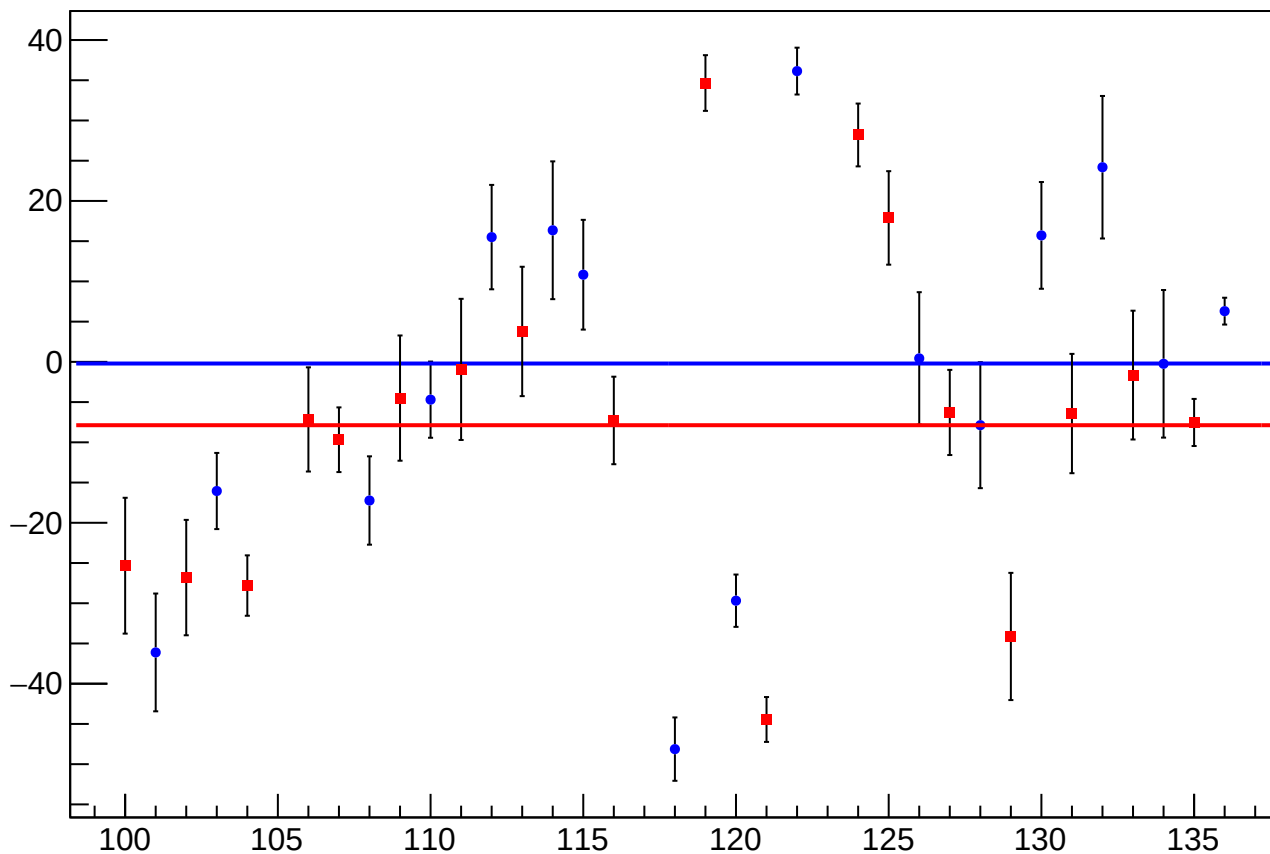
Right: 9656.355+/-1.797 χ^2/NDF : 124019.7/33

In: 9644.396+/-2.543 χ^2/NDF : 44101.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9656.355+/-1.797 χ^2/NDF : 124019.7/33

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: -7.873 ± 1.133 χ^2/NDF : 482.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

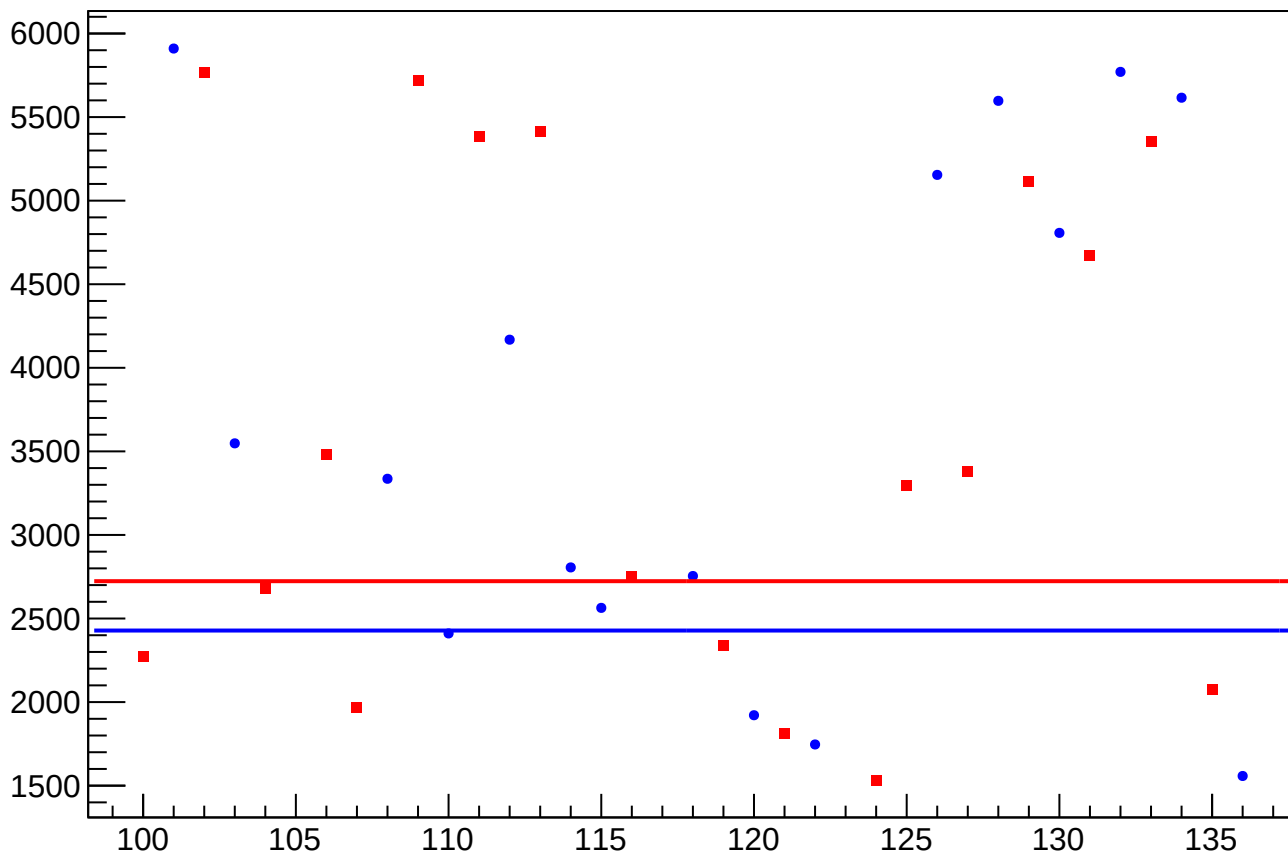
Right: -3.730 ± 0.768 χ^2/NDF : 980.7/33

In: -0.206 ± 1.045 χ^2/NDF : 473.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.730 ± 0.768 χ^2/NDF : 980.7/33

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: 2723.395+/-0.801 χ^2/NDF : 2277858.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

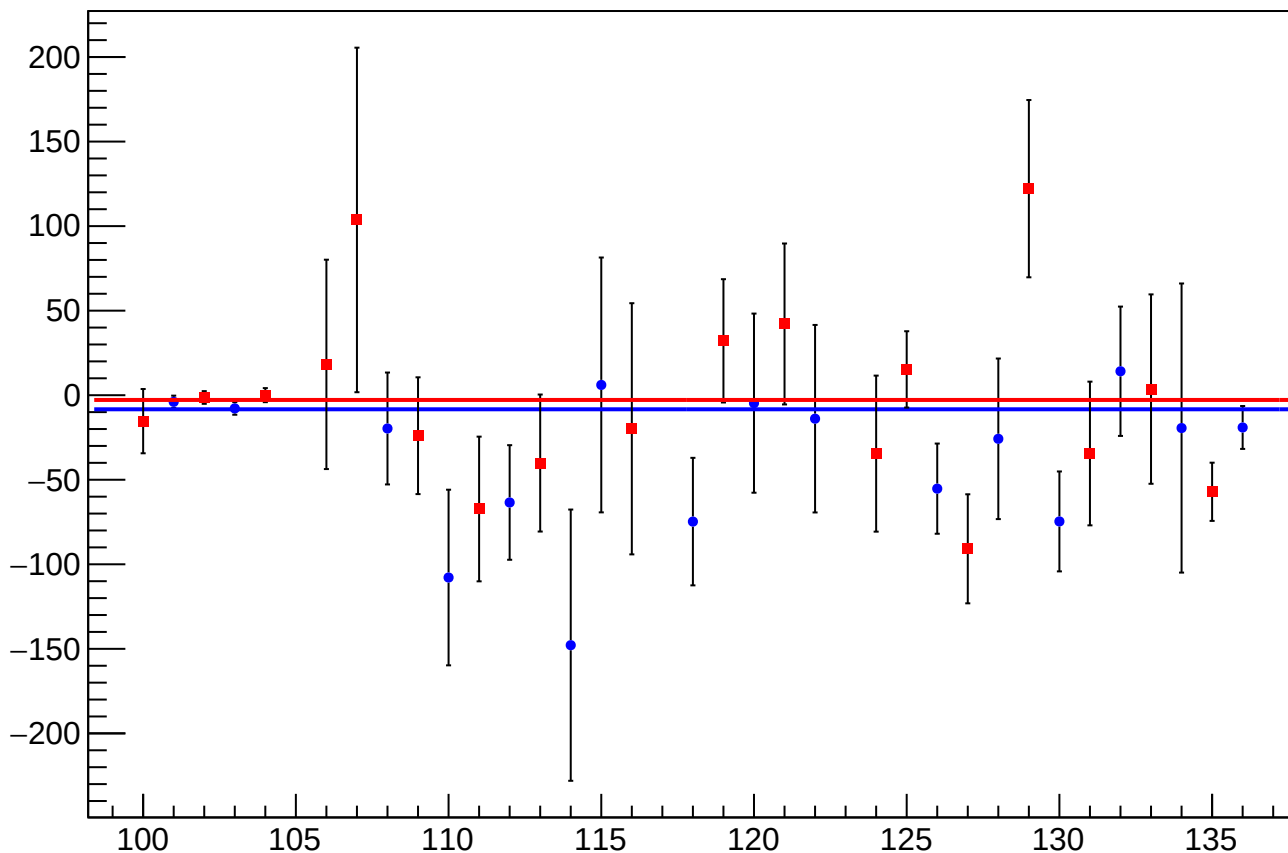
Right: 2563.820+/-0.543 χ^2/NDF : 5166560.8/33

In: 2428.080+/-0.739 χ^2/NDF : 2815335.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2563.820+/-0.543 χ^2/NDF : 5166560.8/33

diff_bpm0l03X_mean vs Slug, Sign Corrected



Right In: -8.332+/-2.499 χ^2/NDF : 23.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.806+/-2.641 χ^2/NDF : 32.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

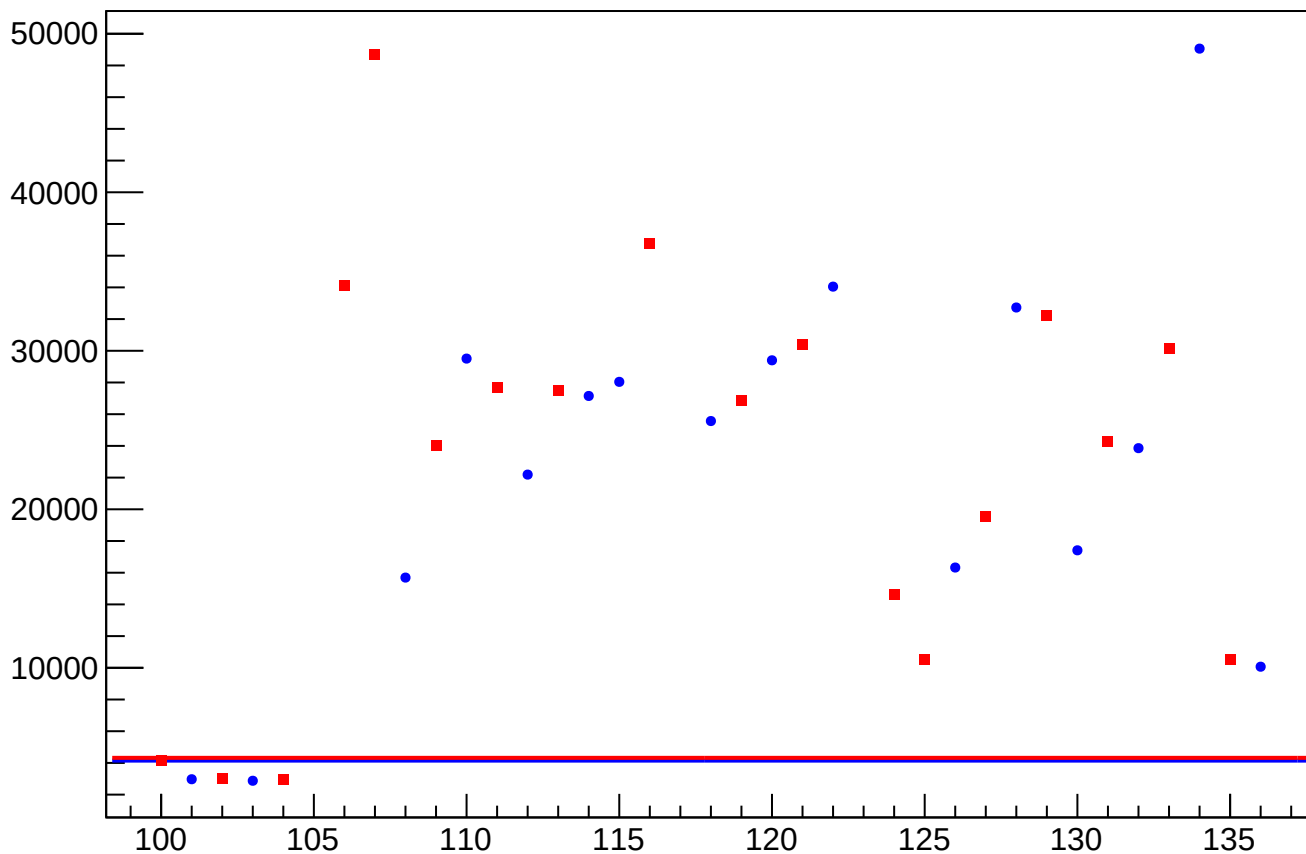
Right: -5.721+/-1.815 χ^2/NDF : 58.1/33

In: -8.332+/-2.499 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.721+/-1.815 χ^2/NDF : 58.1/33

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: 4320.603+/-1.868 χ^2/NDF : 7342654.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

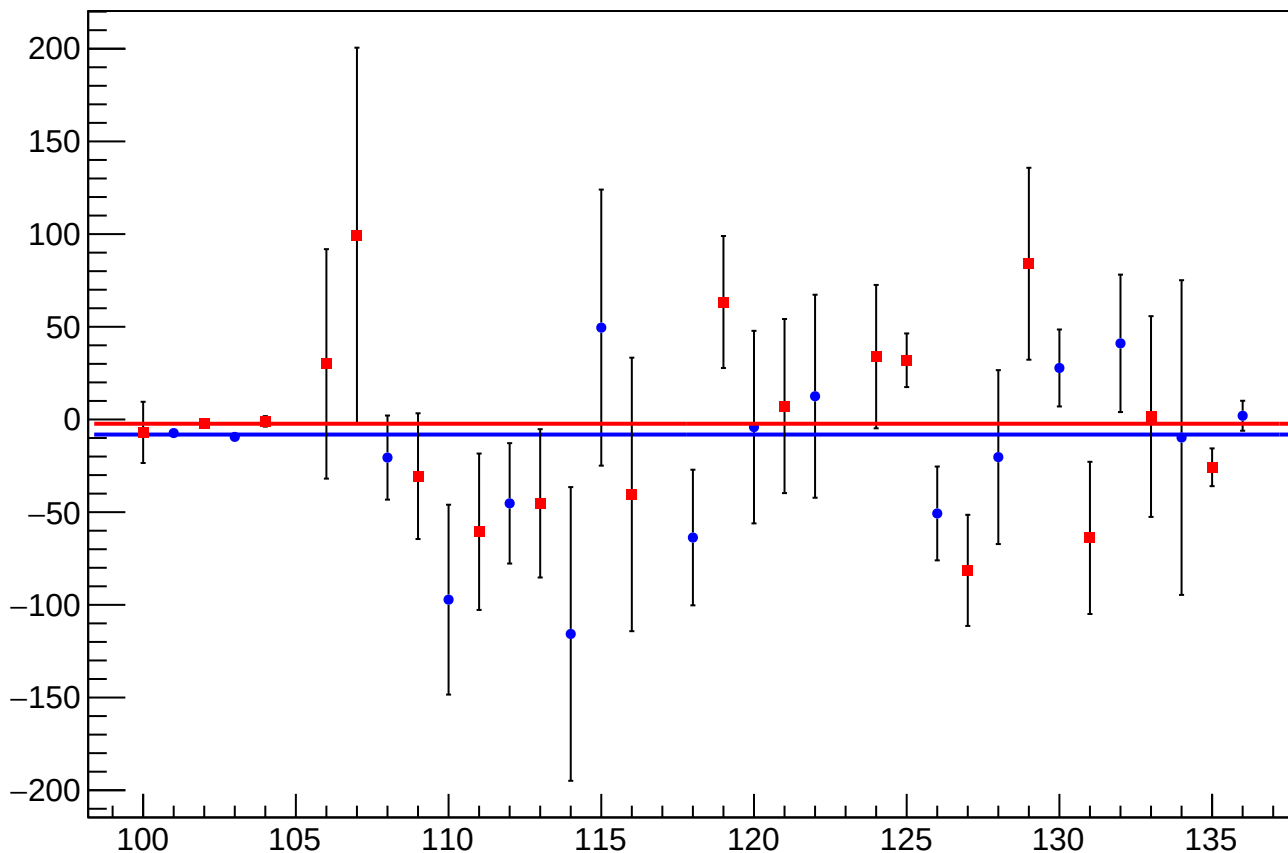
Right: 4228.383+/-1.284 χ^2/NDF : 14184227.1/33

In: 4145.795+/-1.767 χ^2/NDF : 6836950.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4228.383+/-1.284 χ^2/NDF : 14184227.1/33

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: -2.303 $\pm$ 1.822 χ^2 /NDF: 32.8/17

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

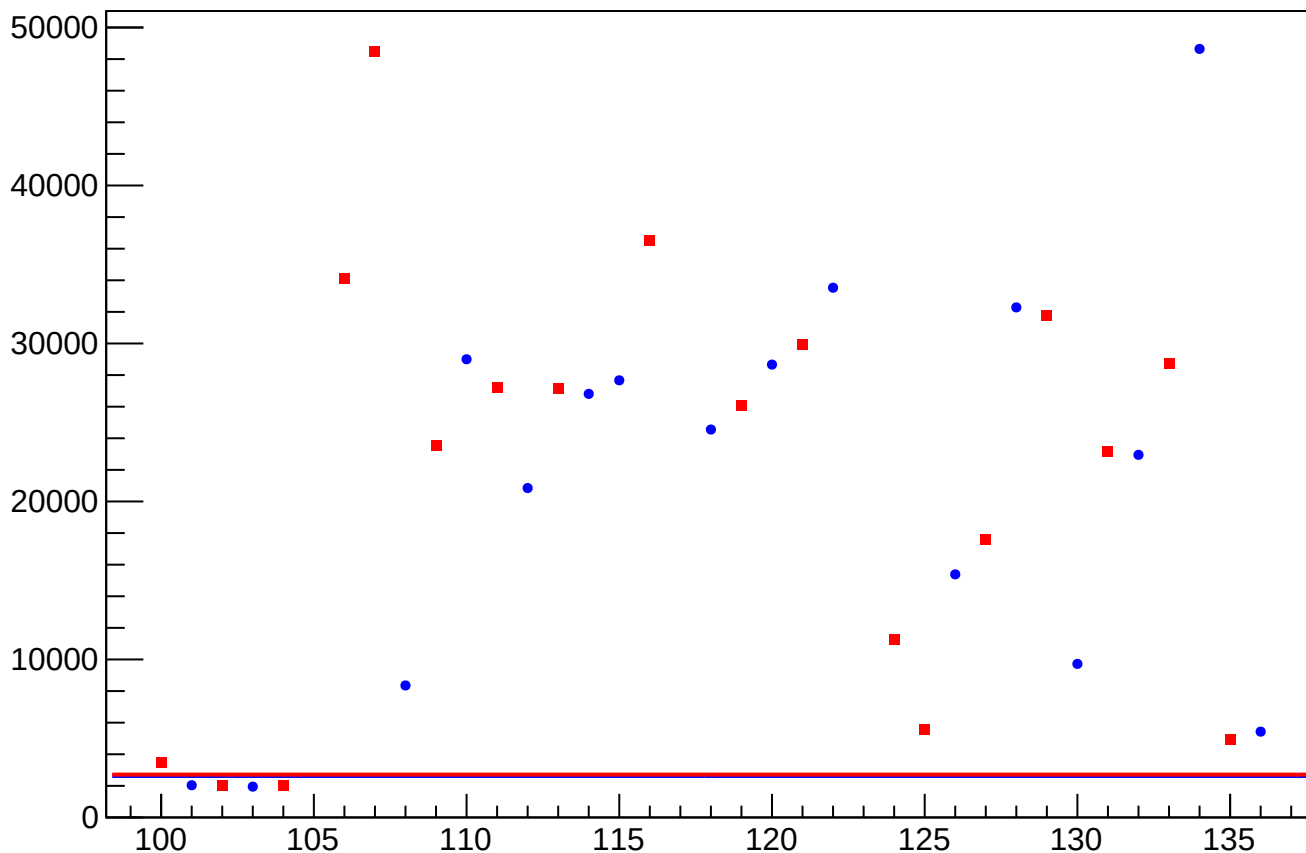
Right: -5.385 $\pm$ 1.251 χ^2 /NDF: 57.3/33

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: -5.385 $\pm$ 1.251 χ^2 /NDF: 57.3/33

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: 2713.045+/-1.288 χ^2/NDF : 7673570.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

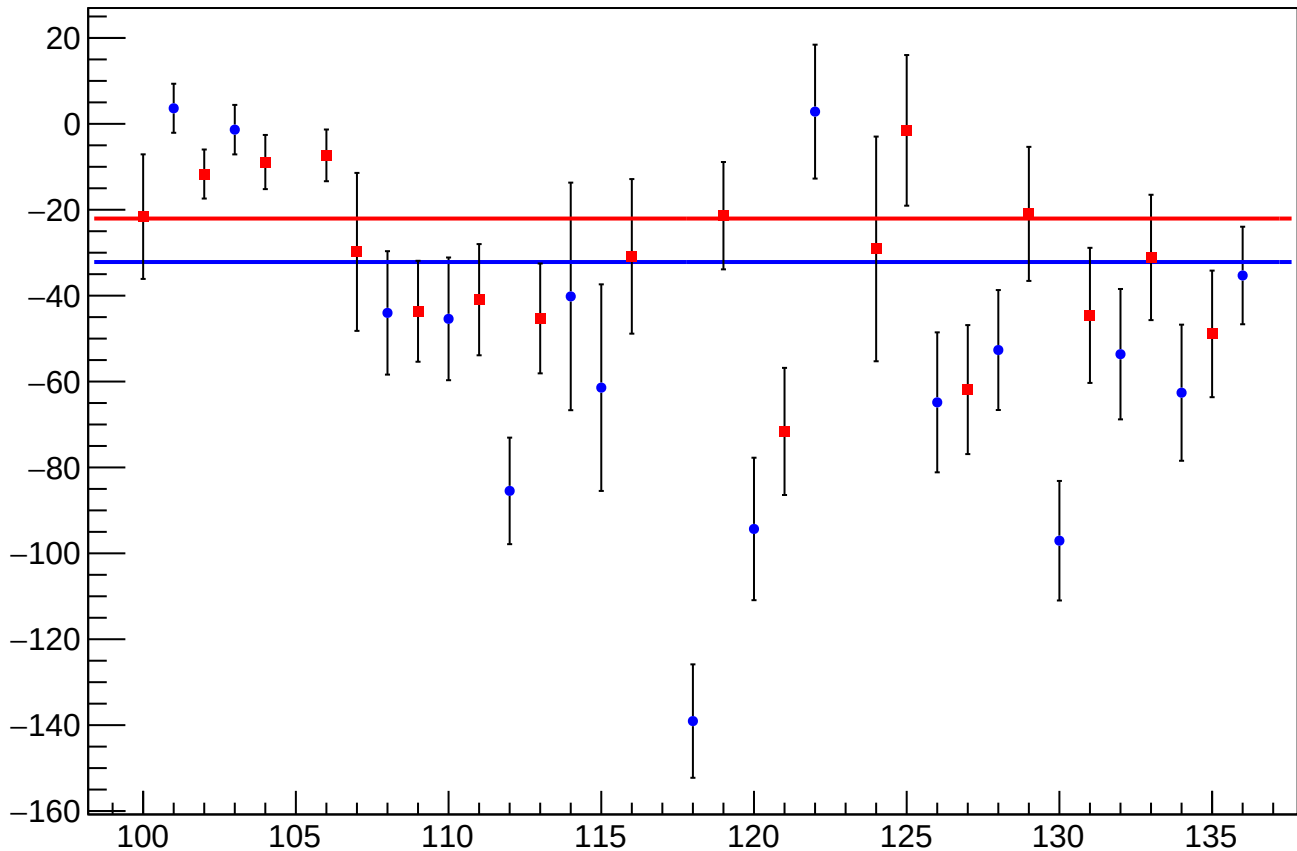
Right: 2667.251+/-0.885 χ^2/NDF : 14456844.2/33

In: 2626.430+/-1.216 χ^2/NDF : 6780884.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2667.251+/-0.885 χ^2/NDF : 14456844.2/33

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: -22.047+/-2.573 χ^2/NDF : 48.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

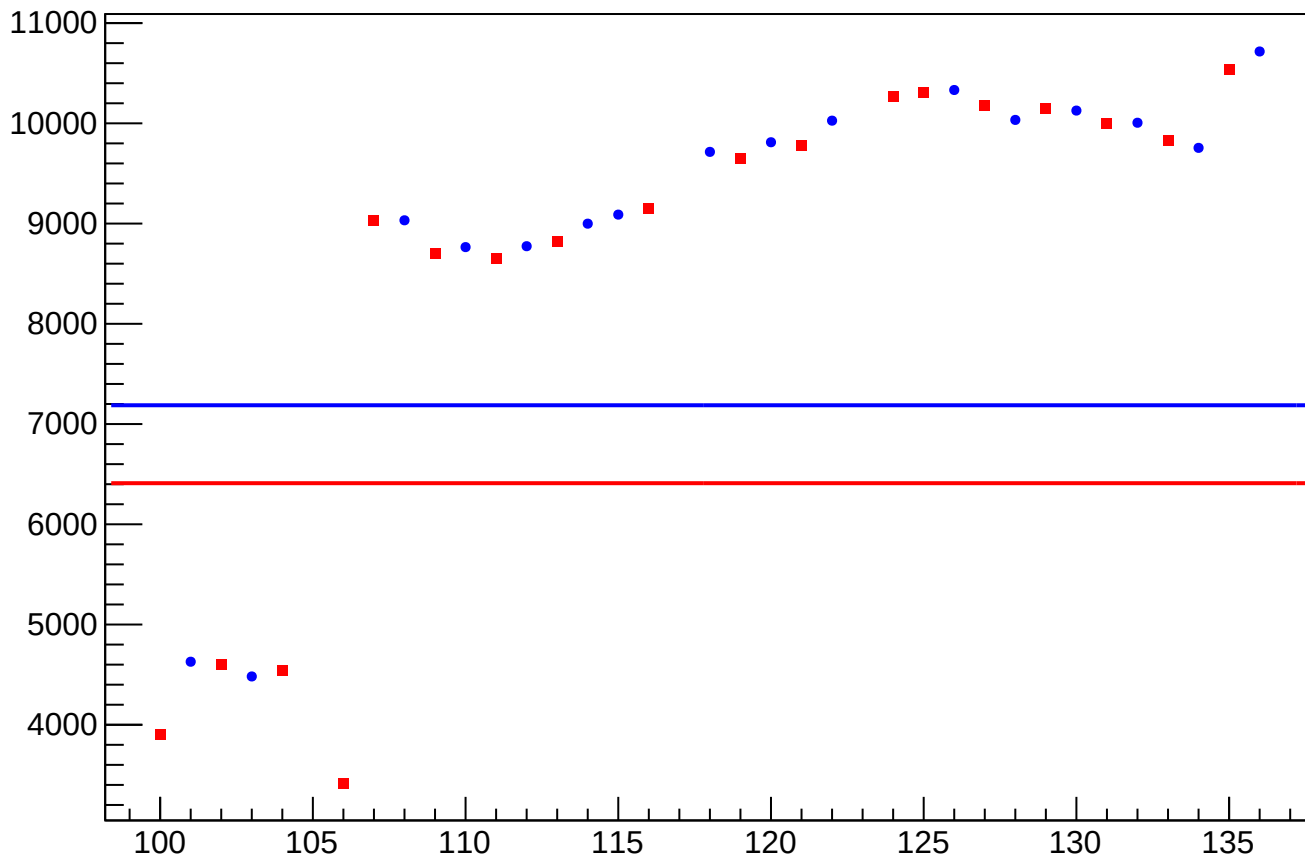
Right: -26.607+/-1.907 χ^2/NDF : 263.1/33

In: -32.171+/-2.842 χ^2/NDF : 207.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -26.607+/-1.907 χ^2/NDF : 263.1/33

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: 6410.031+/-1.819 χ^2/NDF : 2214590.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

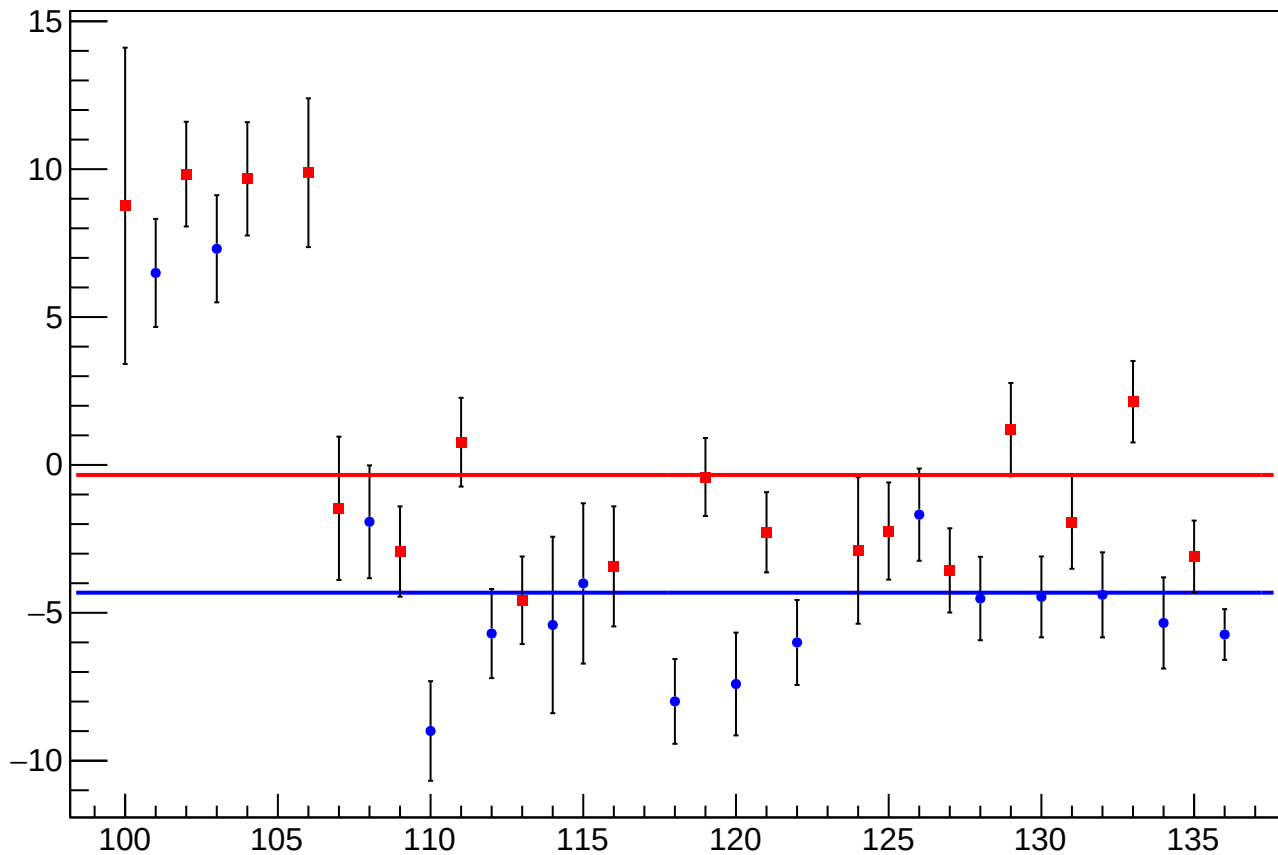
Right: 6760.215+/-1.349 χ^2/NDF : 4002747.2/33

In: 7187.494+/-2.009 χ^2/NDF : 1705887.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6760.215+/-1.349 χ^2/NDF : 4002747.2/33

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: -0.339 ± 0.387 χ^2/NDF : 113.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

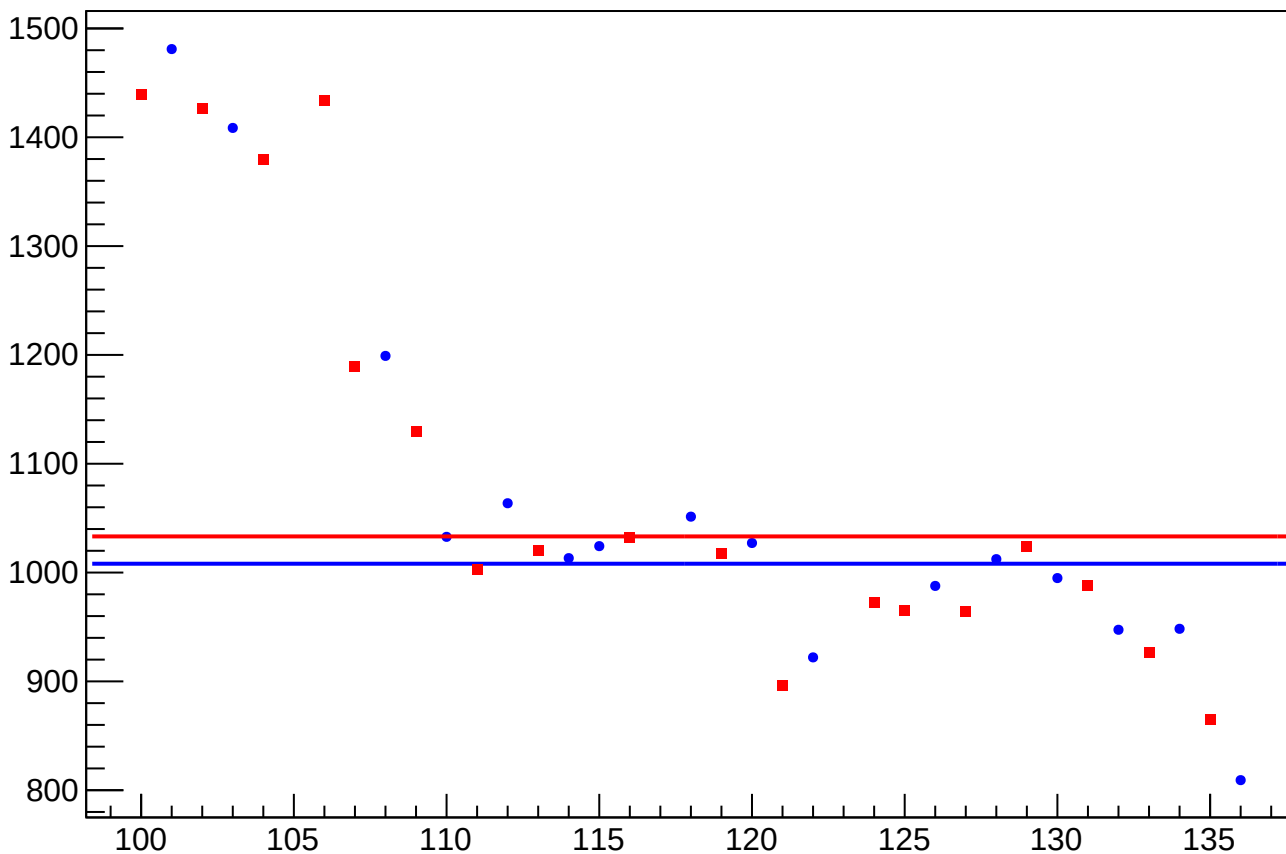
Right: -2.364 ± 0.271 χ^2/NDF : 271.5/33

In: -4.319 ± 0.380 χ^2/NDF : 103.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.364 ± 0.271 χ^2/NDF : 271.5/33

diff_bpm0l04Y_rms vs Slug, Sign Corrected



Right In: 1008.116 $\pm$ 0.269 χ^2 /NDF: 378836.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1033.211 $\pm$ 0.273 χ^2 /NDF: 326376.9/17

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

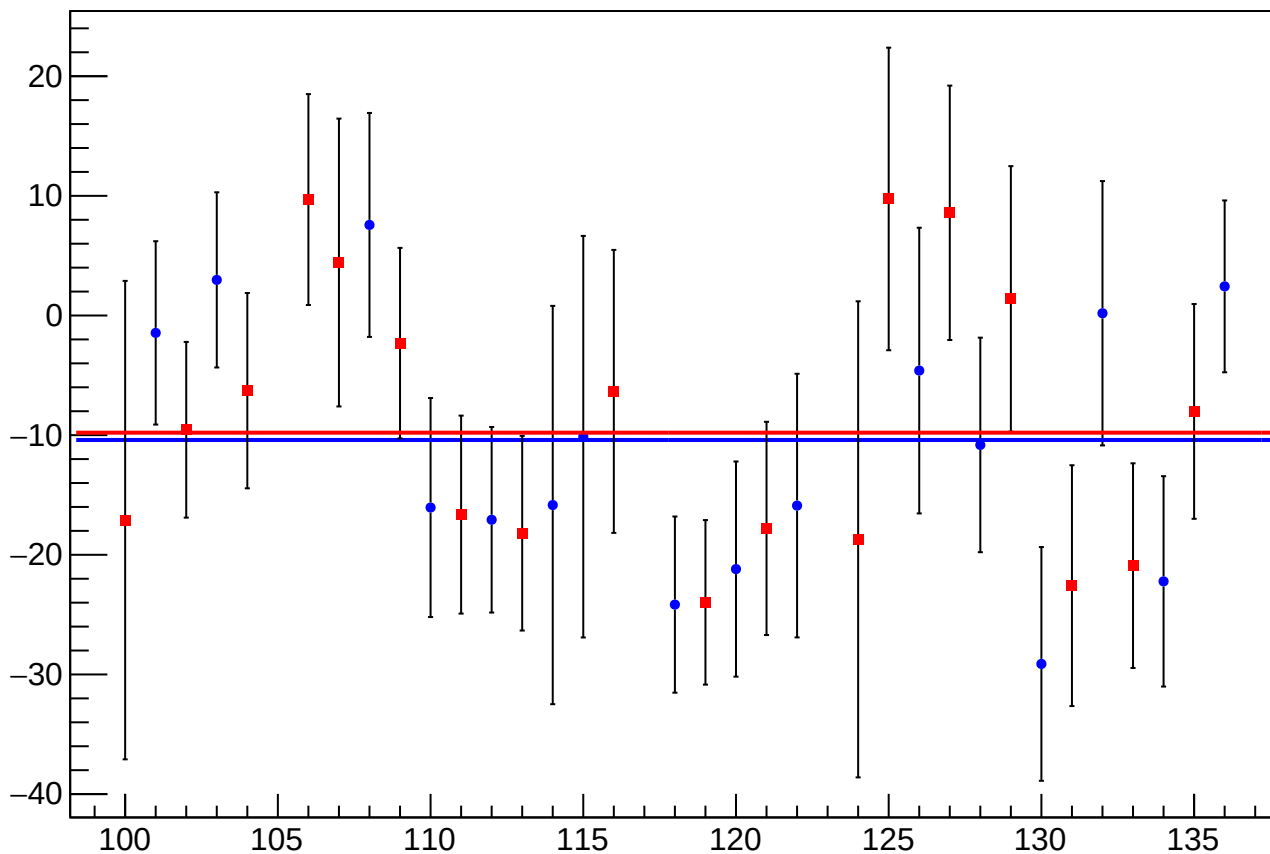
Right: 1020.439 $\pm$ 0.192 χ^2 /NDF: 709502.0/33

In: 1008.116 $\pm$ 0.269 χ^2 /NDF:378836.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1020.439 $\pm$ 0.192 χ^2 /NDF: 709502.0/33

diff_bpm0l05X_mean vs Slug, Sign Corrected



Right In: -10.404 ± 2.280 $\chi^2/\text{NDF}: 24.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -9.793 ± 2.214 $\chi^2/\text{NDF}: 24.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

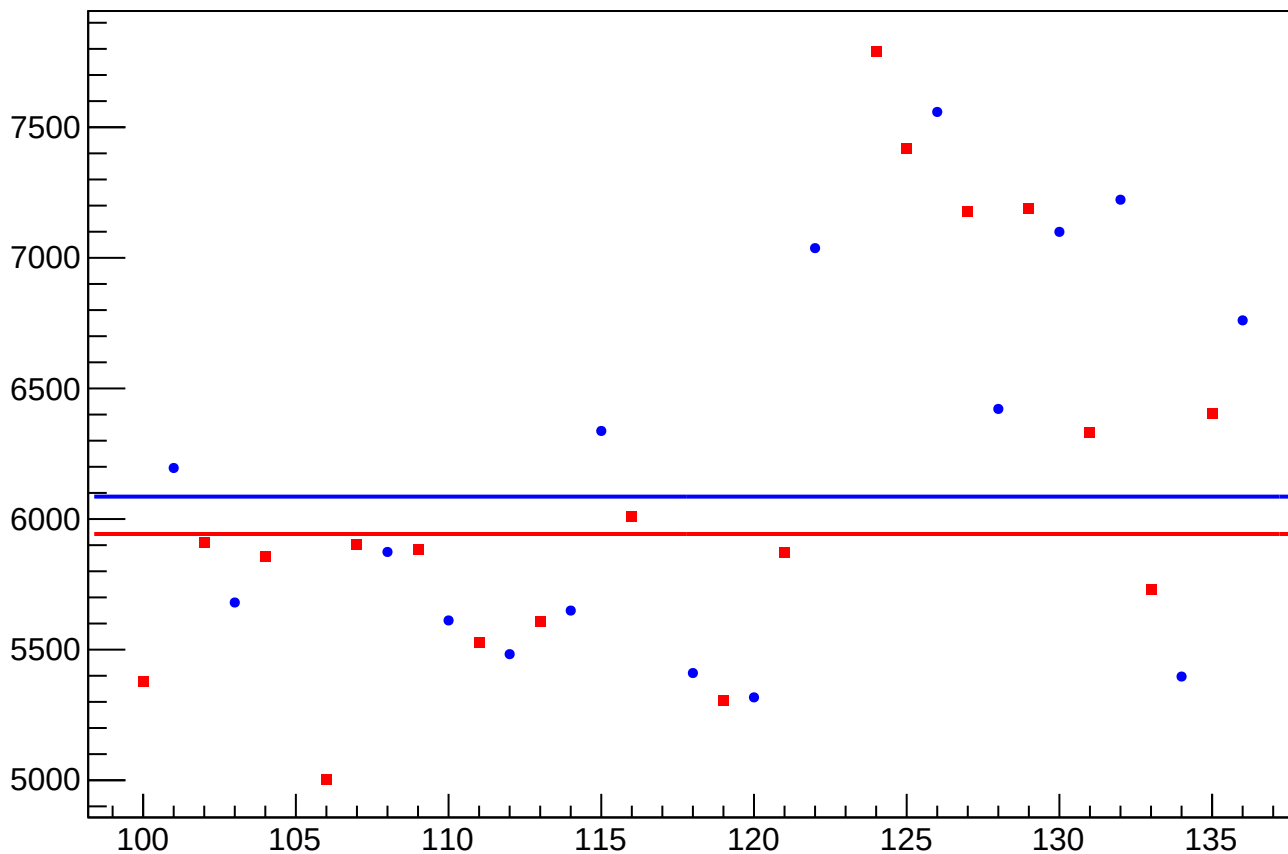
Right: -10.090 ± 1.588 $\chi^2/\text{NDF}: 49.0/33$

In: -10.404 ± 2.280 $\chi^2/\text{NDF}: 24.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -10.090 ± 1.588 $\chi^2/\text{NDF}: 49.0/33$

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: 5942.778+/-1.566 χ^2/NDF : 156585.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

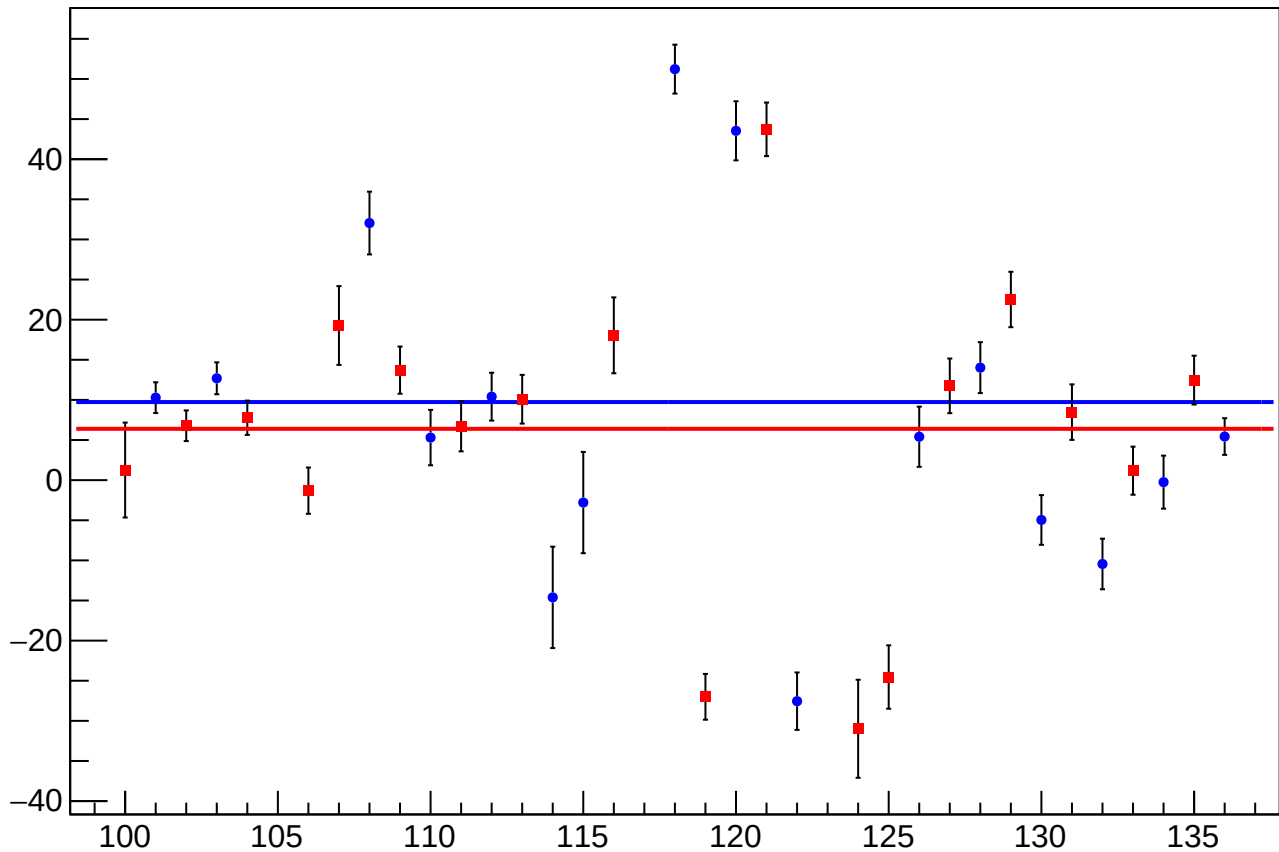
Right: 6012.232+/-1.123 χ^2/NDF : 339758.7/33

In: 6085.873+/-1.612 χ^2/NDF : 179118.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6012.232+/-1.123 χ^2/NDF : 339758.7/33

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: 6.396+/-0.739 χ^2/NDF : 421.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

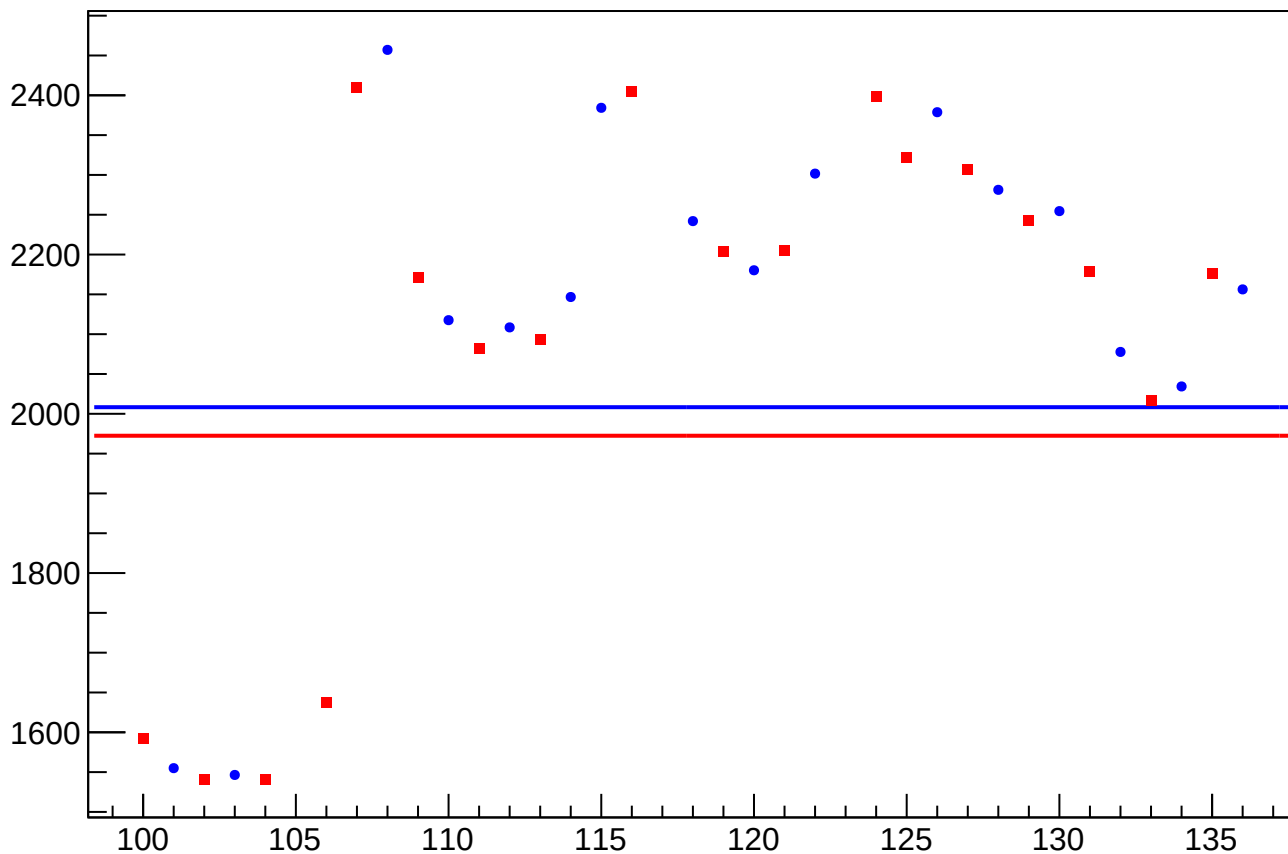
Right: 8.029+/-0.528 χ^2/NDF : 943.6/33

In: 9.733+/-0.755 χ^2/NDF : 512.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.029+/-0.528 χ^2/NDF : 943.6/33

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: 1972.446+/-0.523 χ^2/NDF : 362559.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

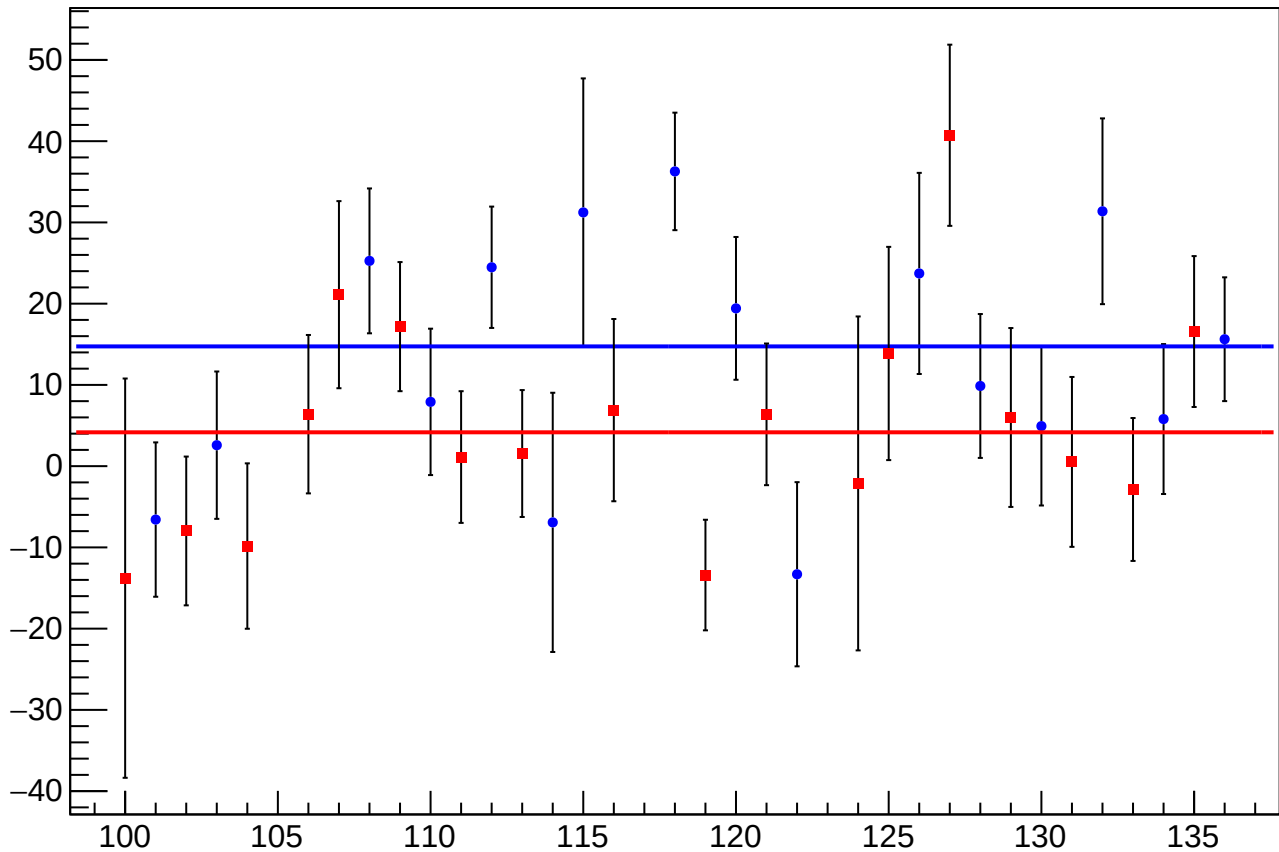
Right: 1989.988+/-0.373 χ^2/NDF : 709249.6/33

In: 2008.296+/-0.534 χ^2/NDF : 344387.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1989.988+/-0.373 χ^2/NDF : 709249.6/33

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: 4.166 $\pm$ 2.297 χ^2 /NDF: 30.1/17

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

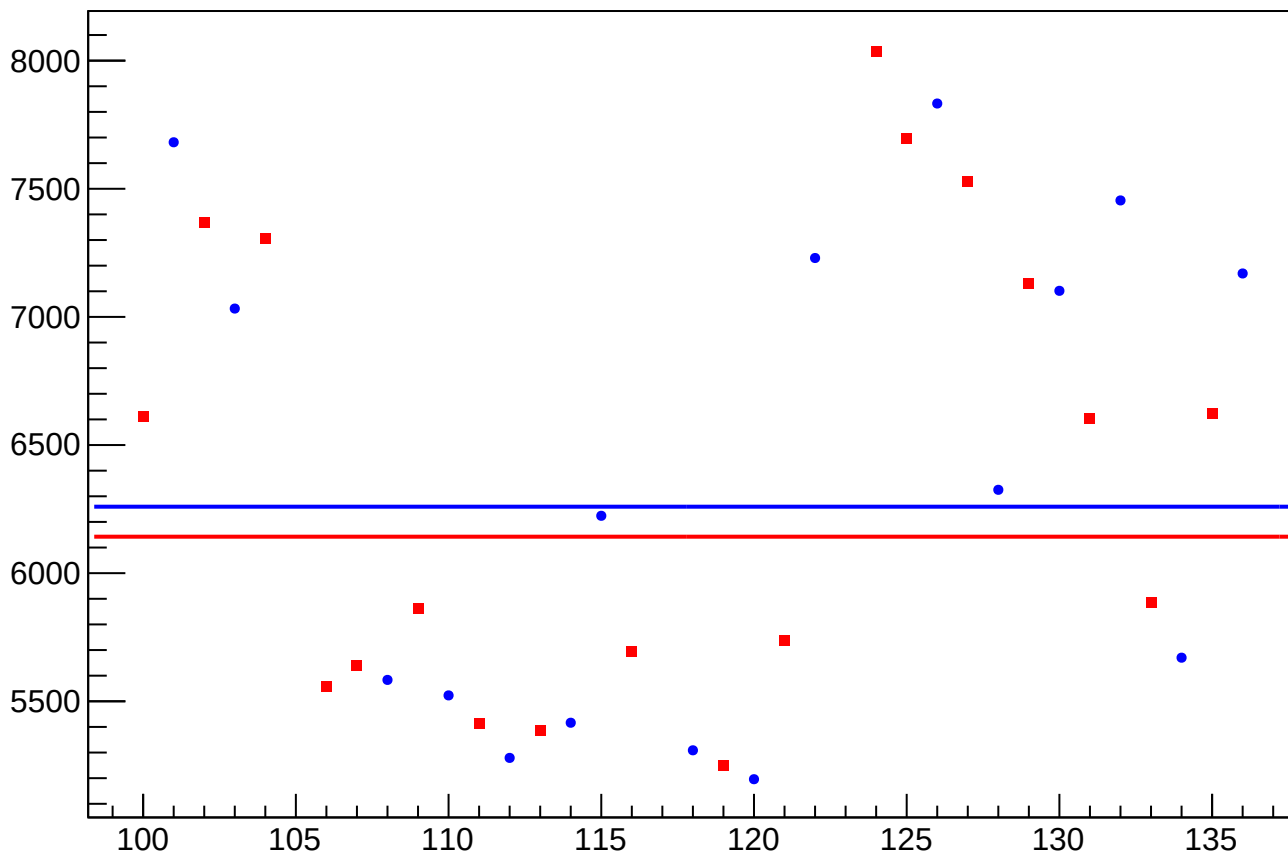
Right: 9.314 $\pm$ 1.645 χ^2 /NDF: 73.9/33

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: 9.314 $\pm$ 1.645 χ^2 /NDF: 73.9/33

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: 6142.357+/-1.624 χ^2/NDF : 256003.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

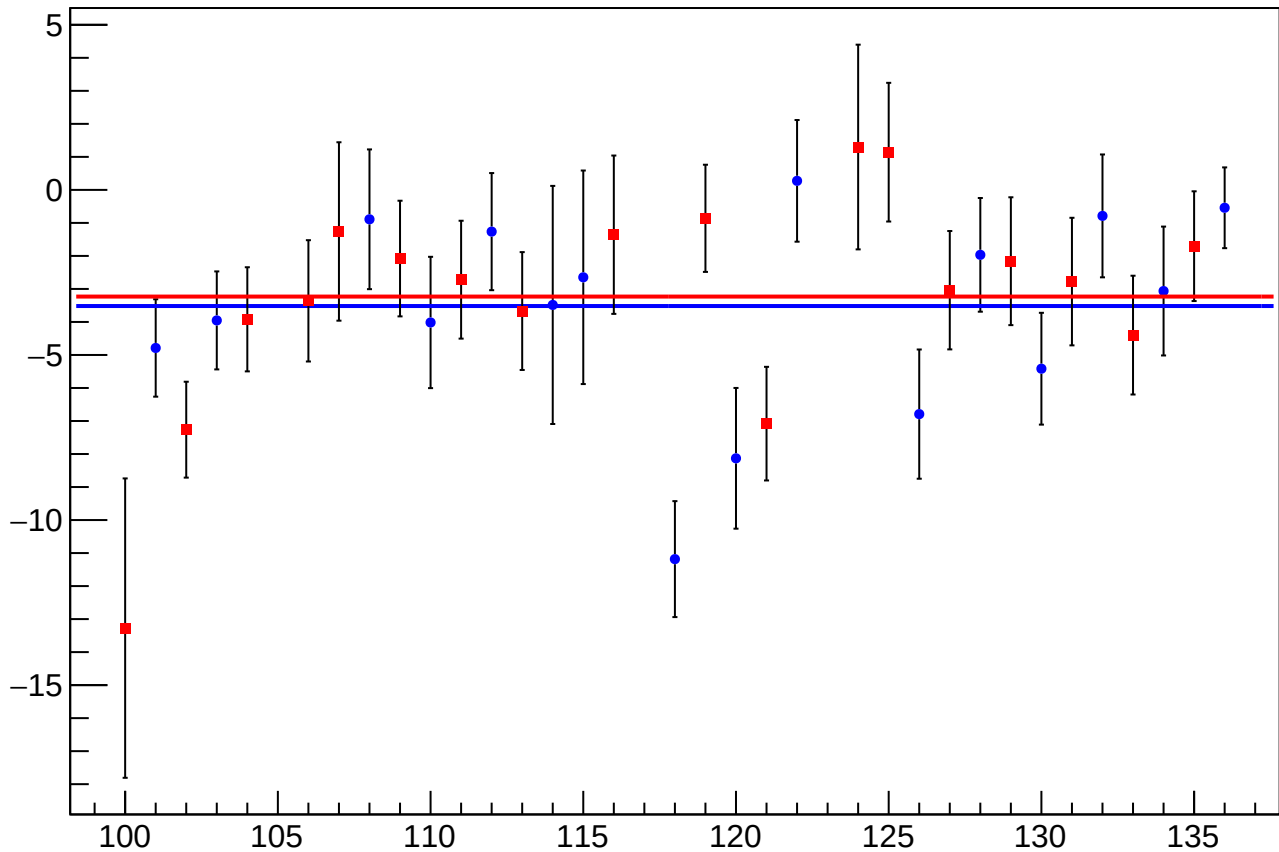
Right: 6199.354+/-1.163 χ^2/NDF : 567139.9/33

In: 6259.416+/-1.667 χ^2/NDF :308606.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6199.354+/-1.163 χ^2/NDF : 567139.9/33

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: -3.231 ± 0.445 $\chi^2/\text{NDF}: 29.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

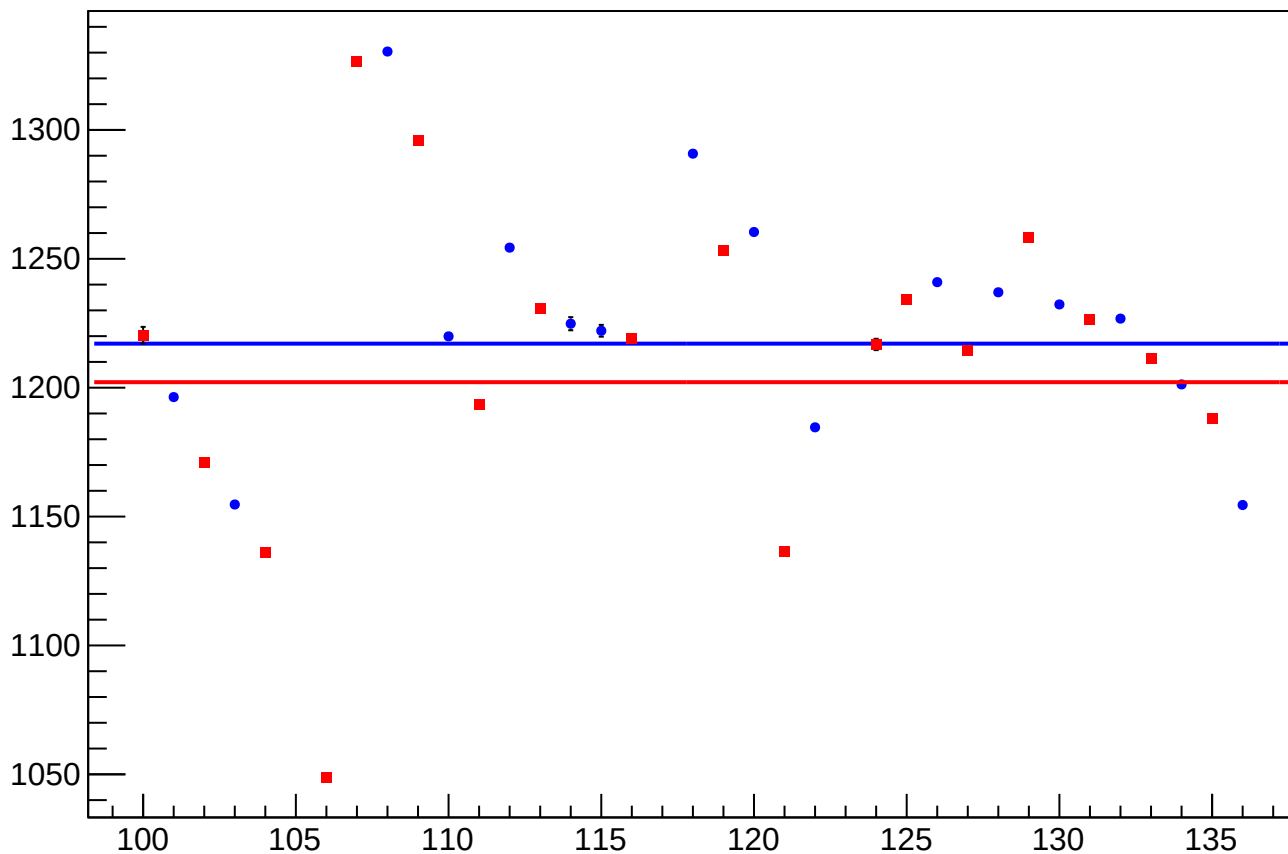
Right: -3.372 ± 0.317 $\chi^2/\text{NDF}: 75.1/33$

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: -3.372 ± 0.317 $\chi^2/\text{NDF}: 75.1/33$

diff_bpm0l06Y_rms vs Slug, Sign Corrected



Right In: 1217.094+/-0.320 χ^2/NDF : 21686.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 1202.141+/-0.315 χ^2/NDF : 36732.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

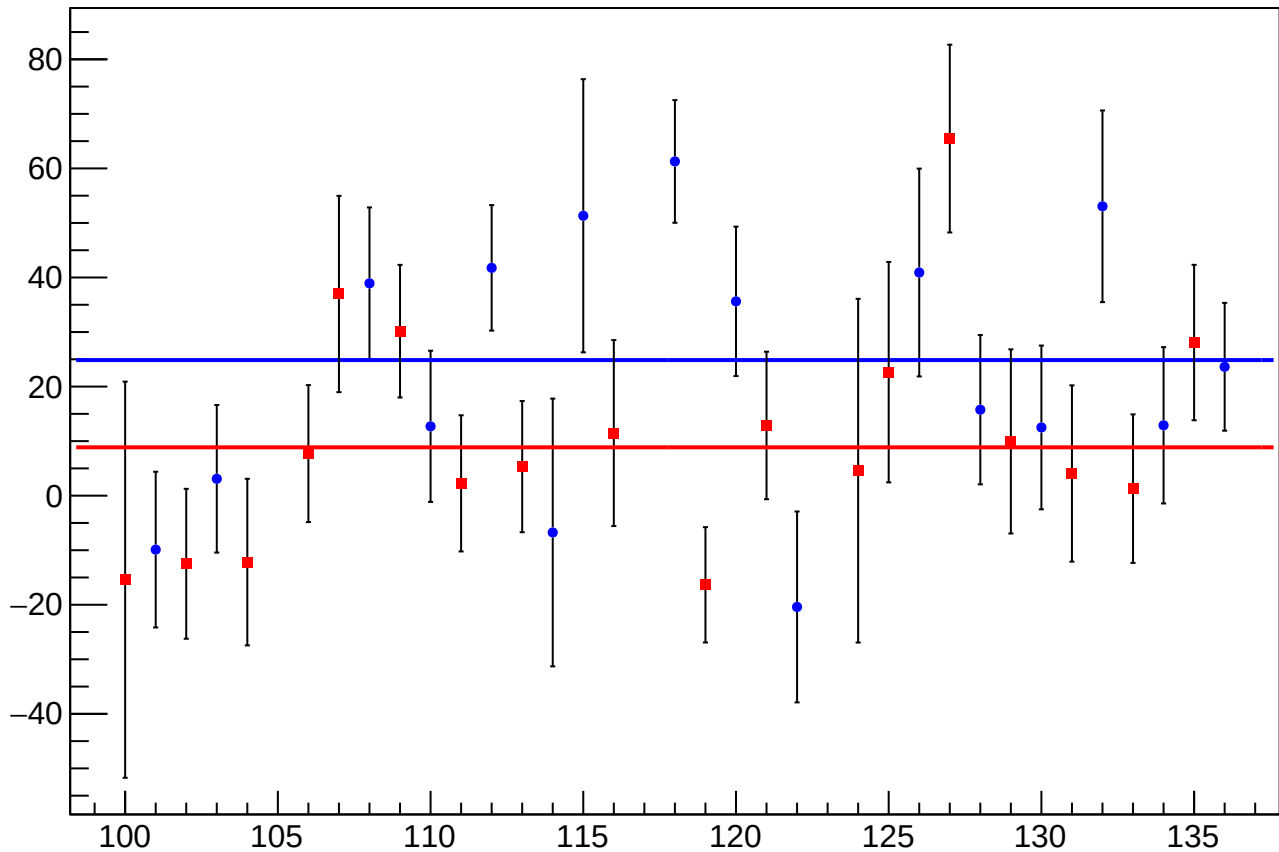
Right: 1209.494+/-0.224 χ^2/NDF : 59529.2/33

In: 1217.094+/-0.320 χ^2/NDF :21686.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1209.494+/-0.224 χ^2/NDF : 59529.2/33

diff_bpm0l07X_mean vs Slug, Sign Corrected



Right In: 24.860+/-3.628 χ^2/NDF : 38.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.867+/-3.488 χ^2/NDF : 30.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

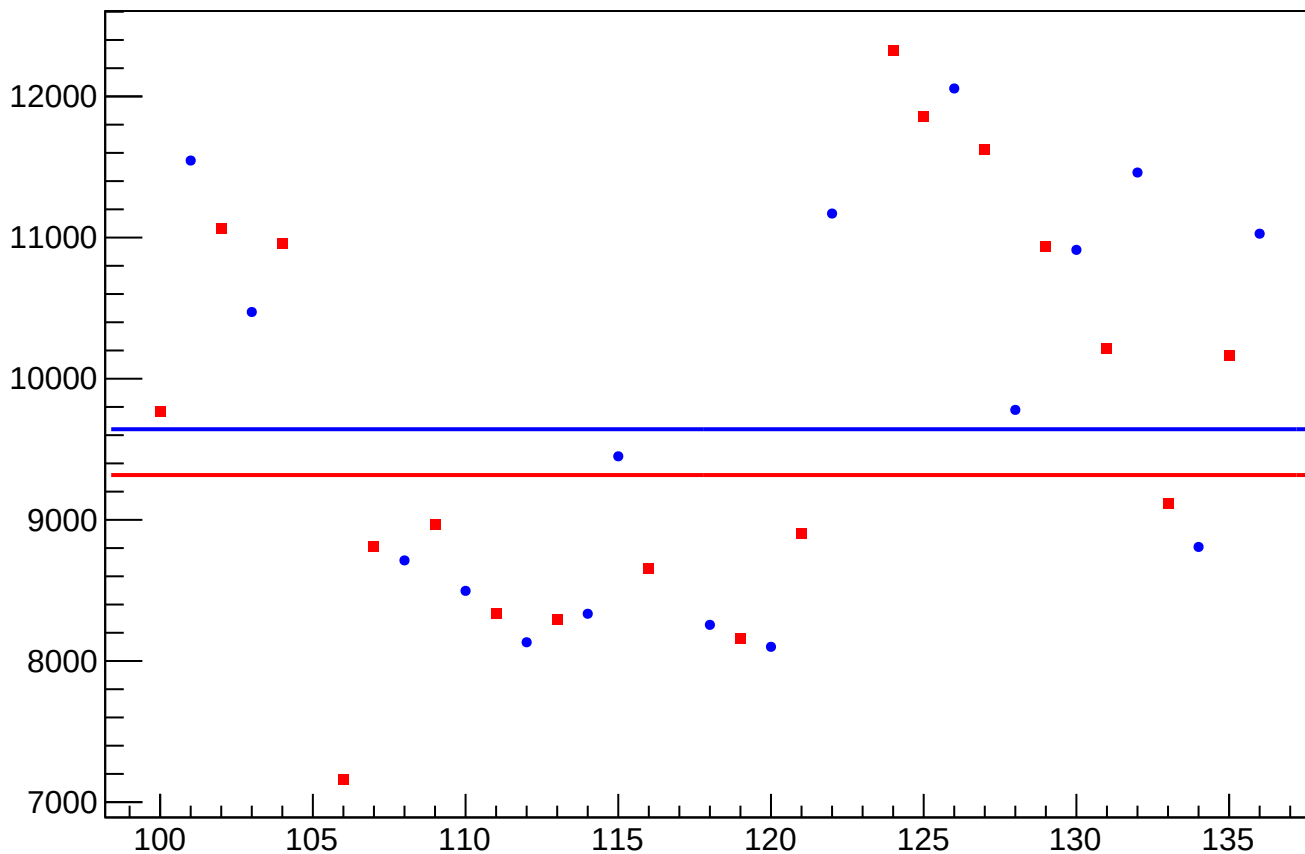
Right: 16.548+/-2.514 χ^2/NDF : 78.2/33

In: 24.860+/-3.628 χ^2/NDF : 38.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.548+/-2.514 χ^2/NDF : 78.2/33

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: 9317.485+/-2.466 χ^2/NDF : 291406.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

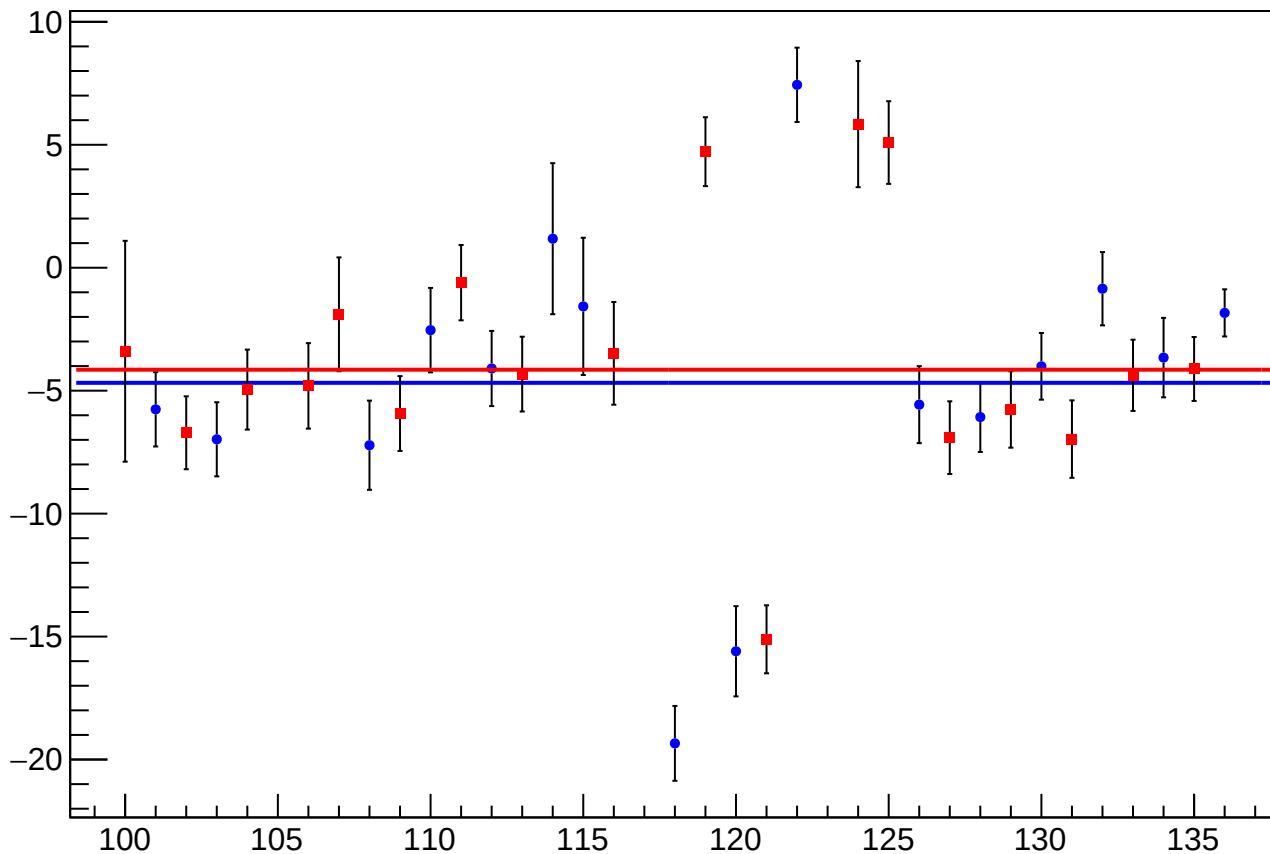
Right: 9473.387+/-1.778 χ^2/NDF : 579384.2/33

In: 9642.075+/-2.565 χ^2/NDF : 279657.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9473.387+/-1.778 χ^2/NDF : 579384.2/33

diff_bpm0l07Y_mean vs Slug, Sign Corrected



Right In: -4.681 ± 0.386 $\chi^2/\text{NDF}: 221.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -4.147 ± 0.383 $\chi^2/\text{NDF}: 167.4/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

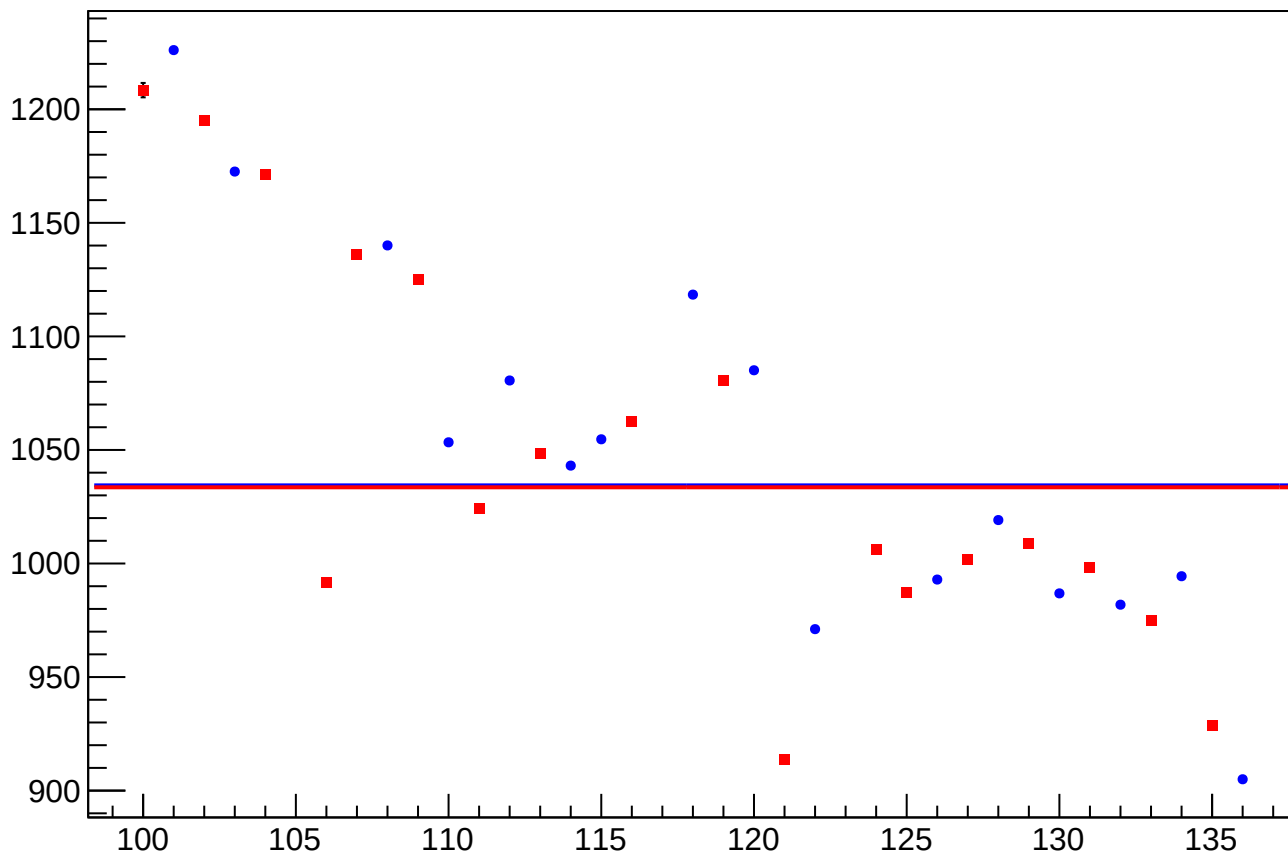
Right: -4.412 ± 0.272 $\chi^2/\text{NDF}: 389.5/33$

In: -4.681 ± 0.386 $\chi^2/\text{NDF}: 221.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -4.412 ± 0.272 $\chi^2/\text{NDF}: 389.5/33$

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: 1033.553+/-0.271 χ^2/NDF : 91969.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

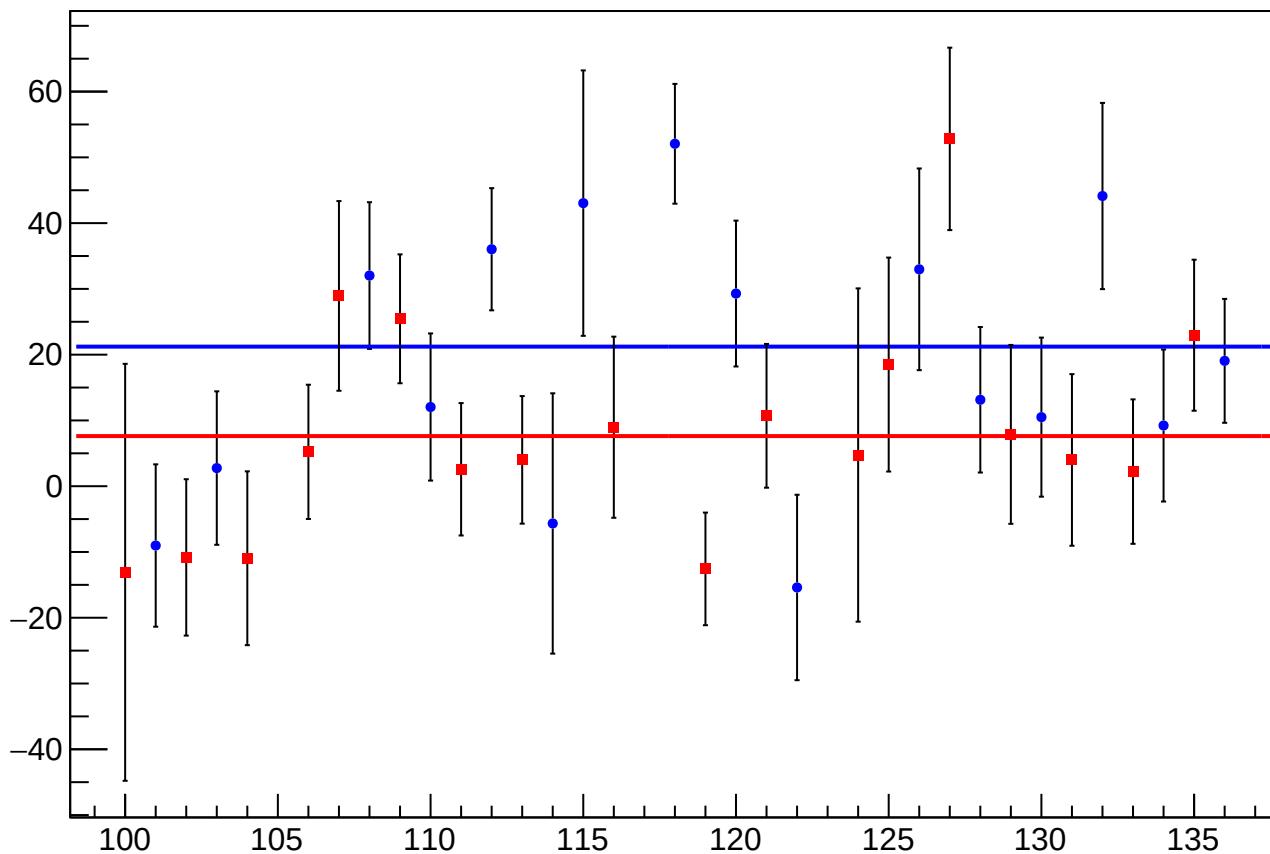
Right: 1033.975+/-0.192 χ^2/NDF : 205253.0/33

In: 1034.402+/-0.273 χ^2/NDF : 113278.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1033.975+/-0.192 χ^2/NDF : 205253.0/33

diff_bpm0l08X_mean vs Slug, Sign Corrected



Right In: 21.222+/-2.952 χ^2/NDF : 40.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.621+/-2.839 χ^2/NDF : 29.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

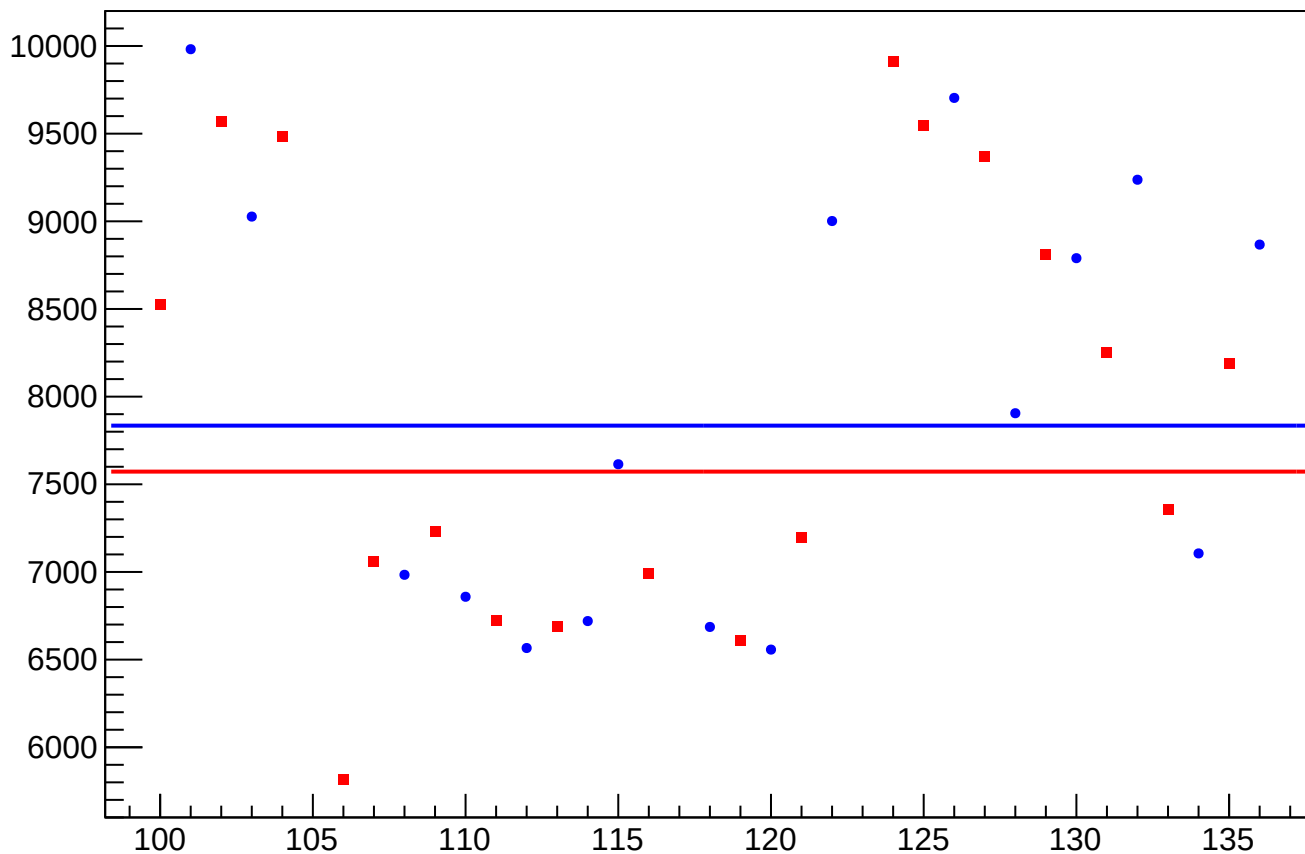
Right: 14.156+/-2.046 χ^2/NDF : 80.7/33

In: 21.222+/-2.952 χ^2/NDF : 40.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.156+/-2.046 χ^2/NDF : 80.7/33

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: 7572.365+/-2.007 χ^2/NDF : 334925.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

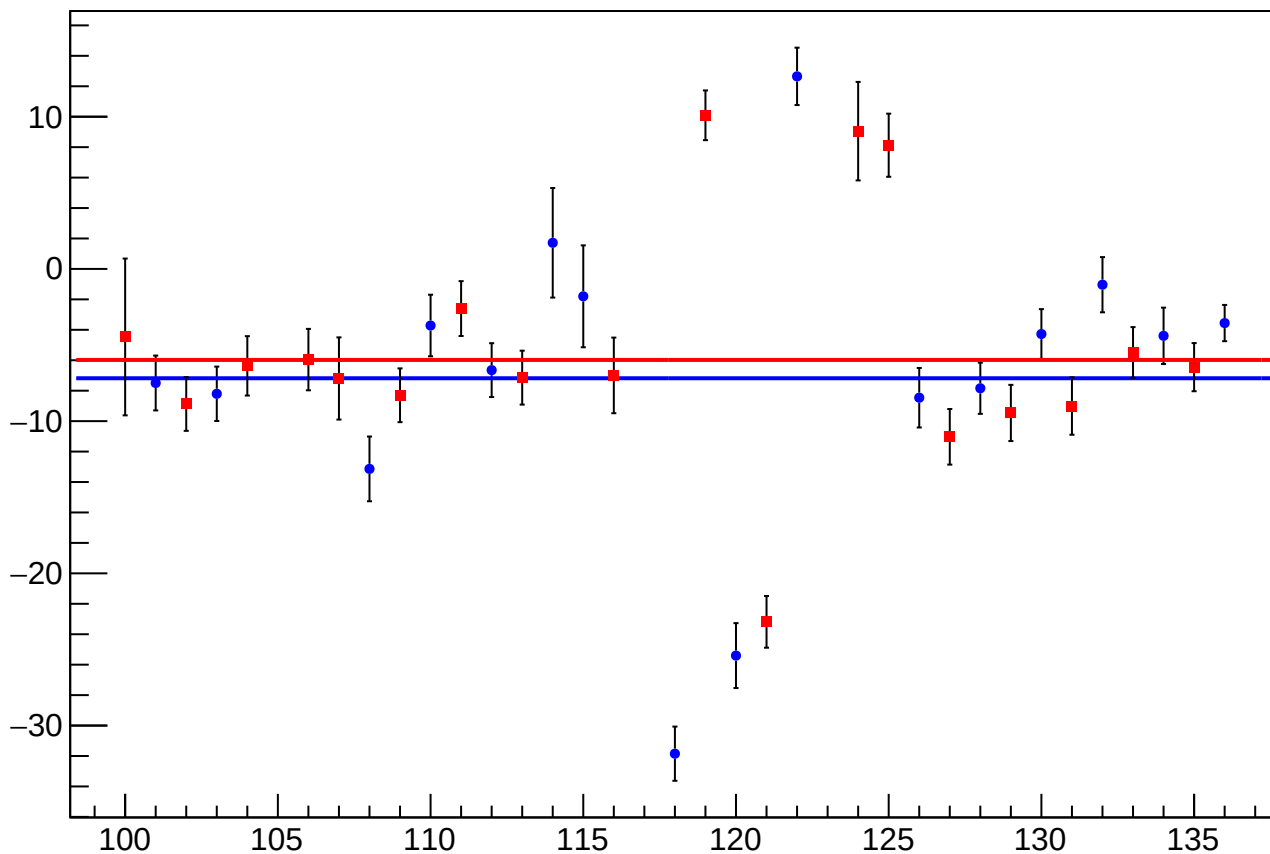
Right: 7698.368+/-1.447 χ^2/NDF : 661217.3/33

In: 7834.618+/-2.087 χ^2/NDF : 318089.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7698.368+/-1.447 χ^2/NDF : 661217.3/33

diff_bpm0l08Y_mean vs Slug, Sign Corrected



Right In: -7.183 ± 0.462 χ^2/NDF : 422.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.980 ± 0.457 χ^2/NDF : 289.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

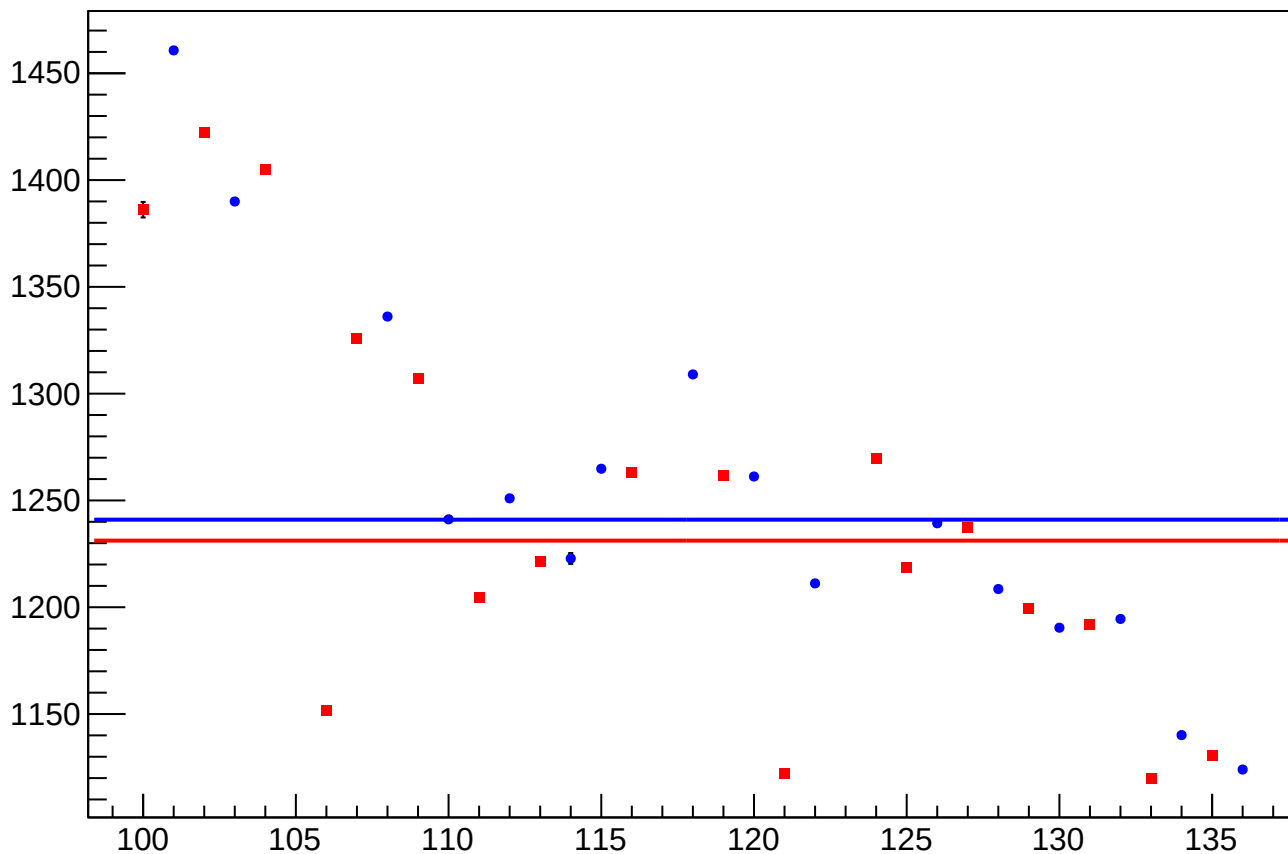
Right: -6.574 ± 0.325 χ^2/NDF : 715.6/33

In: -7.183 ± 0.462 χ^2/NDF : 422.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.574 ± 0.325 χ^2/NDF : 715.6/33

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: 1231.191+/-0.323 χ^2/NDF : 79033.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

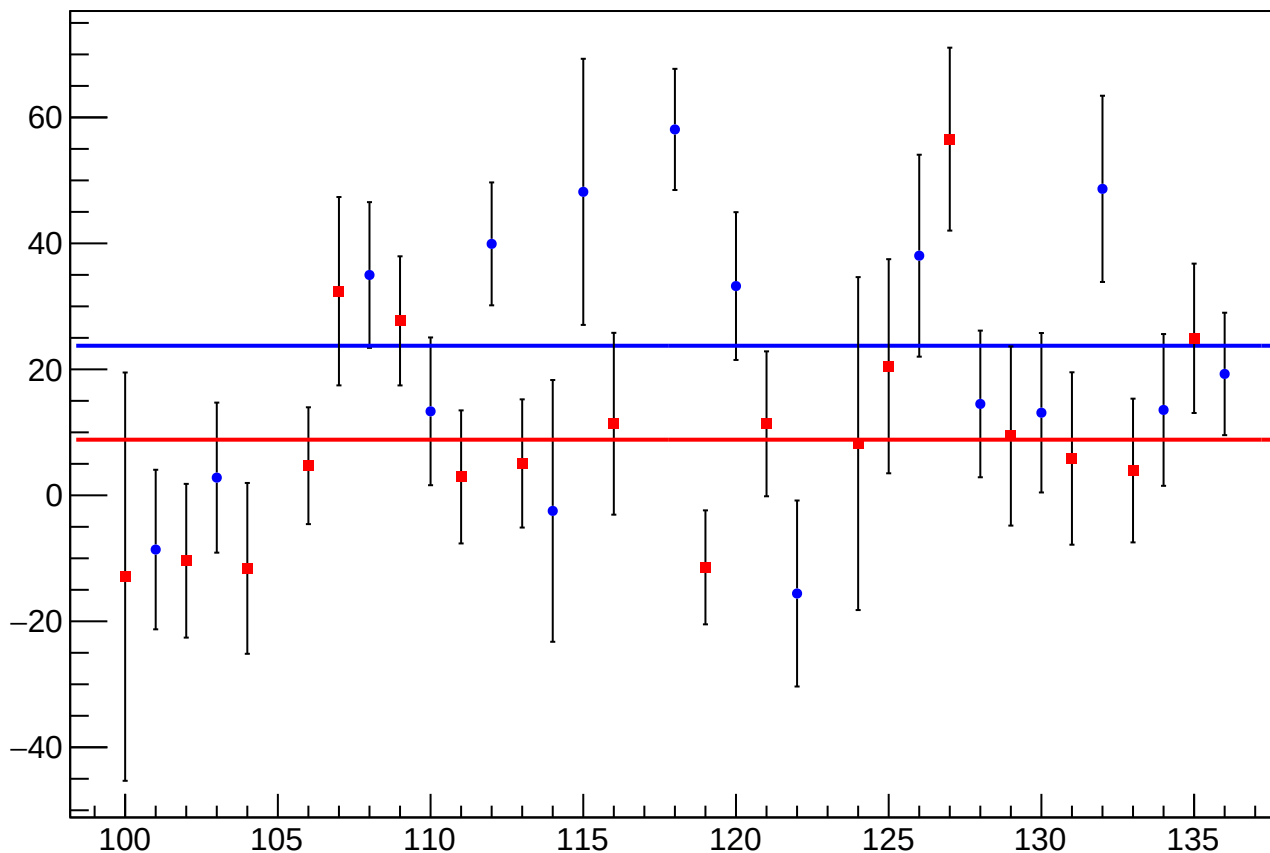
Right: 1236.037+/-0.230 χ^2/NDF : 160143.5/33

In: 1241.007+/-0.327 χ^2/NDF :80653.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1236.037+/-0.230 χ^2/NDF : 160143.5/33

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: 8.834+/-2.928 χ^2/NDF : 30.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

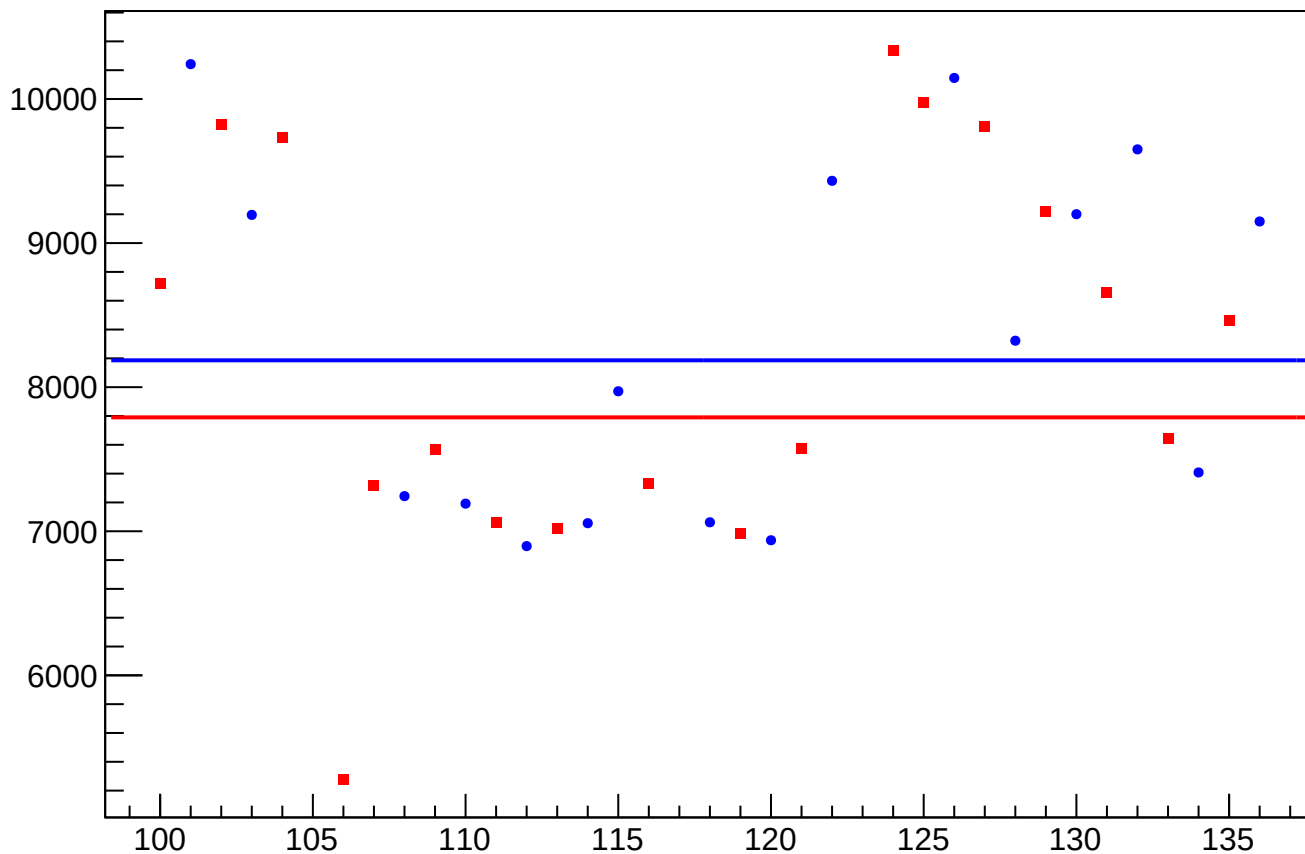
Right: 15.912+/-2.123 χ^2/NDF : 85.9/33

In: 23.750+/-3.081 χ^2/NDF : 43.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.912+/-2.123 χ^2/NDF : 85.9/33

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: 7790.305+/-2.071 χ^2/NDF : 413357.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

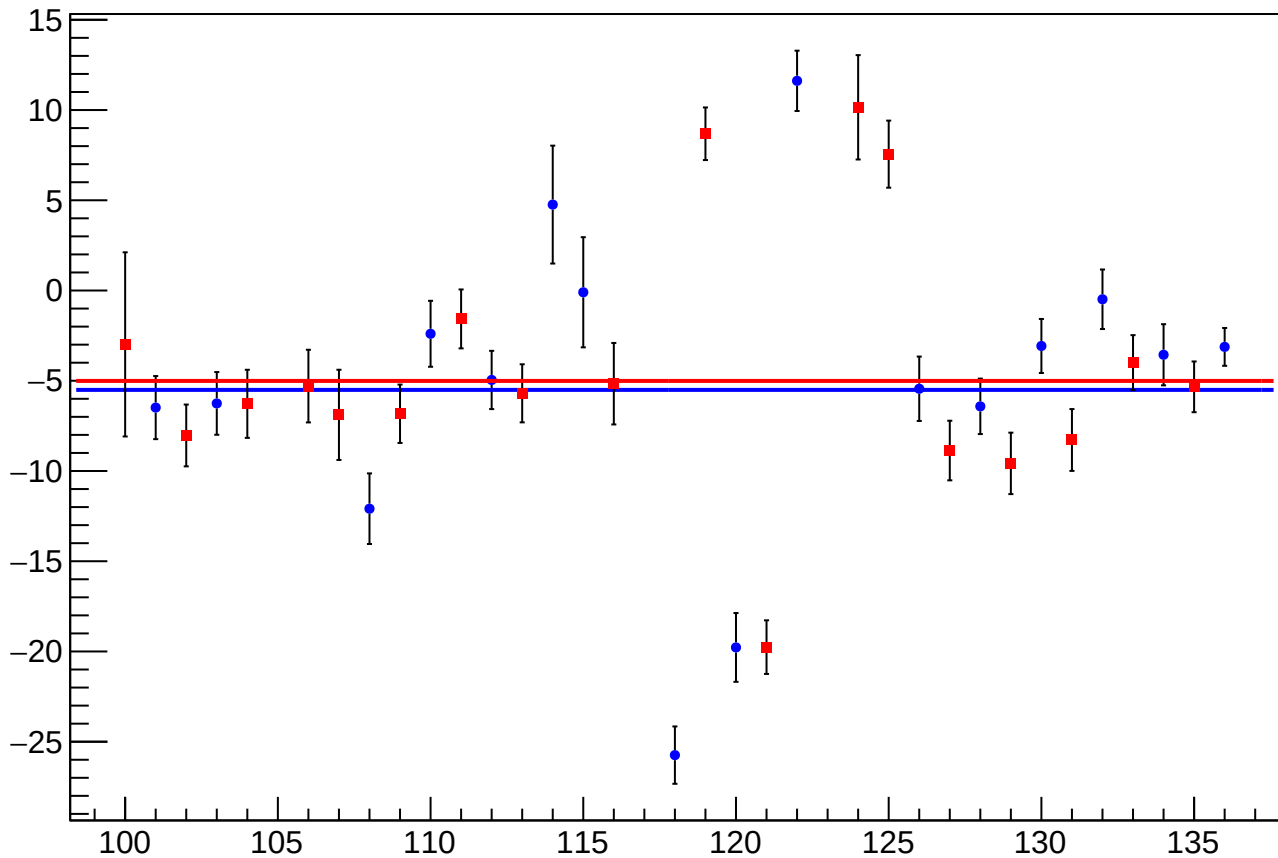
Right: 7978.246+/-1.501 χ^2/NDF : 721348.3/33

In: 8186.361+/-2.179 χ^2/NDF : 290628.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7978.246+/-1.501 χ^2/NDF : 721348.3/33

diff_bpm0l09Y_mean vs Slug, Sign Corrected



Right In: -5.506 ± 0.421 χ^2/NDF : 369.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.009 ± 0.418 χ^2/NDF : 287.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

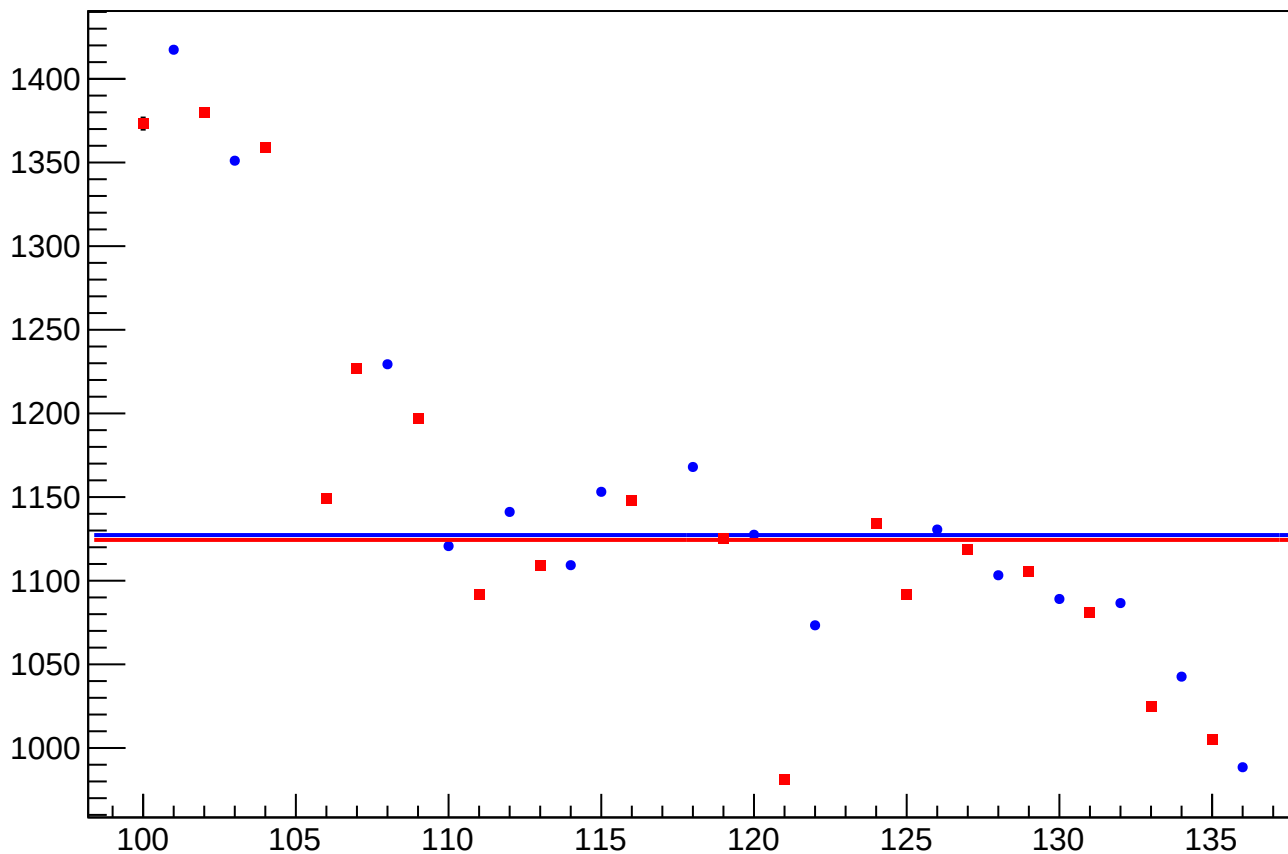
Right: -5.256 ± 0.296 χ^2/NDF : 657.5/33

In: -5.506 ± 0.421 χ^2/NDF : 369.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.256 ± 0.296 χ^2/NDF : 657.5/33

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: 1124.384+/-0.295 χ^2/NDF : 132874.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

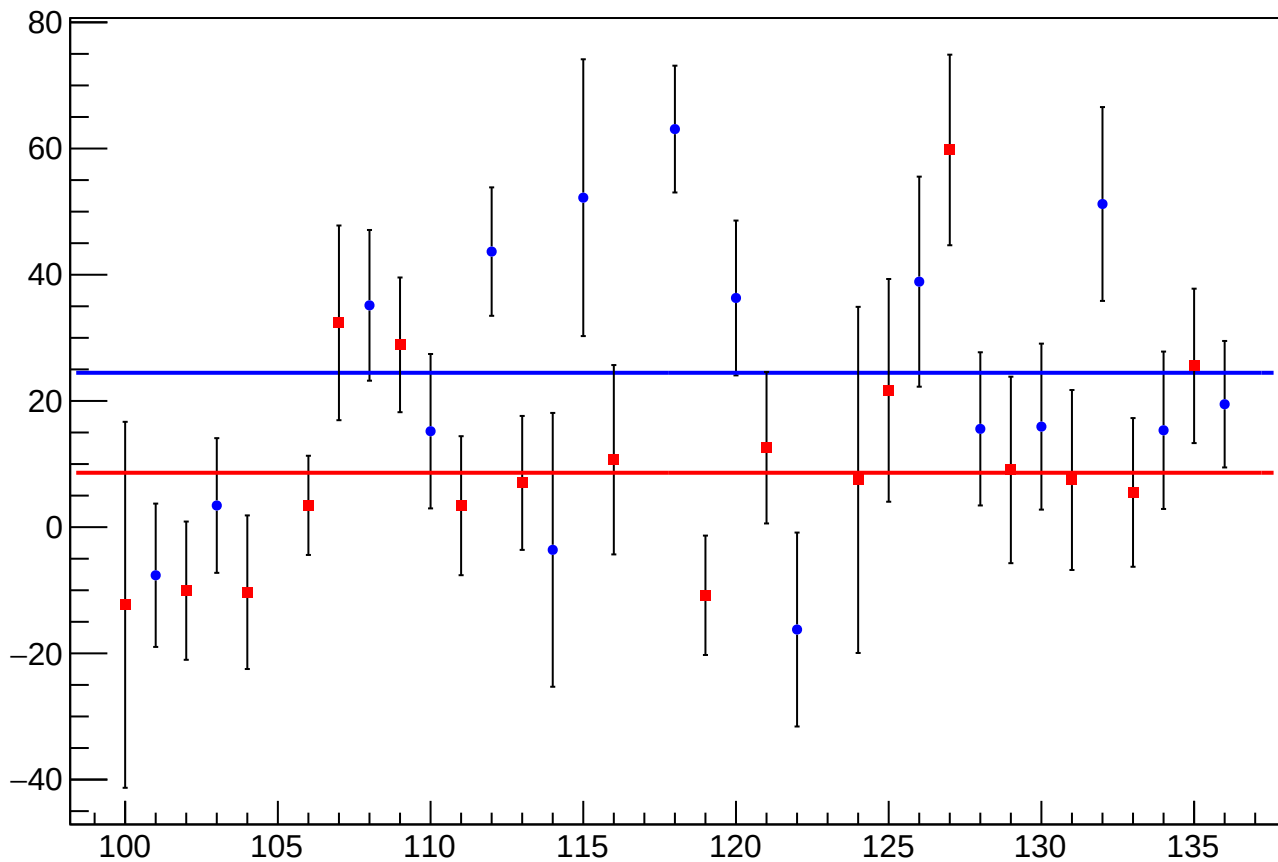
Right: 1125.826+/-0.210 χ^2/NDF : 273538.4/33

In: 1127.290+/-0.298 χ^2/NDF : 140615.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1125.826+/-0.210 χ^2/NDF : 273538.4/33

diff_bpm0l10X_mean vs Slug, Sign Corrected



Right In: 24.463 $\pm$ 3.136 χ^2 /NDF: 48.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.620 $\pm$ 2.918 χ^2 /NDF: 30.9/17

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

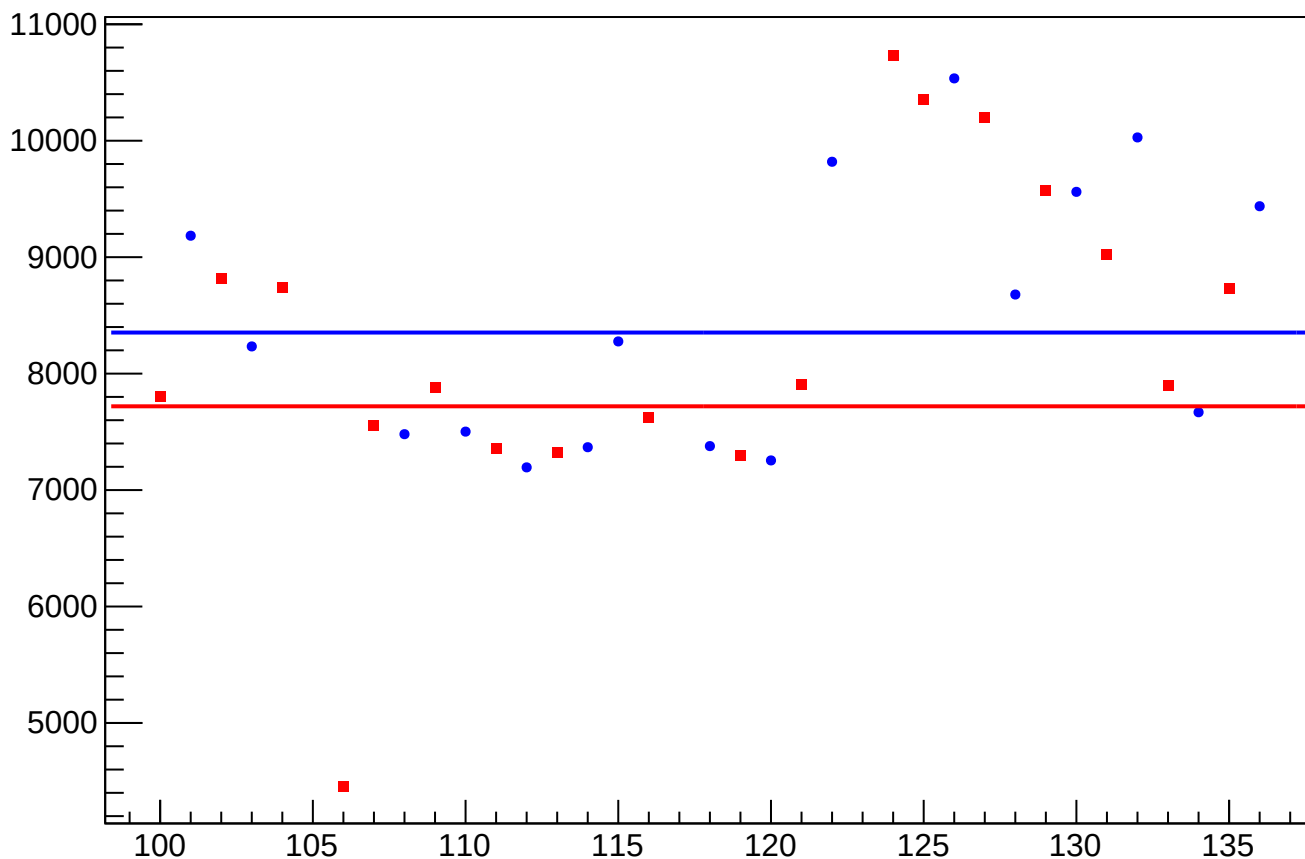
Right: 15.972 $\pm$ 2.136 χ^2 /NDF: 92.9/33

In: 24.463 $\pm$ 3.136 χ^2 /NDF:48.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.972 $\pm$ 2.136 χ^2 /NDF: 92.9/33

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: 7719.295+/-2.064 χ^2/NDF : 574024.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

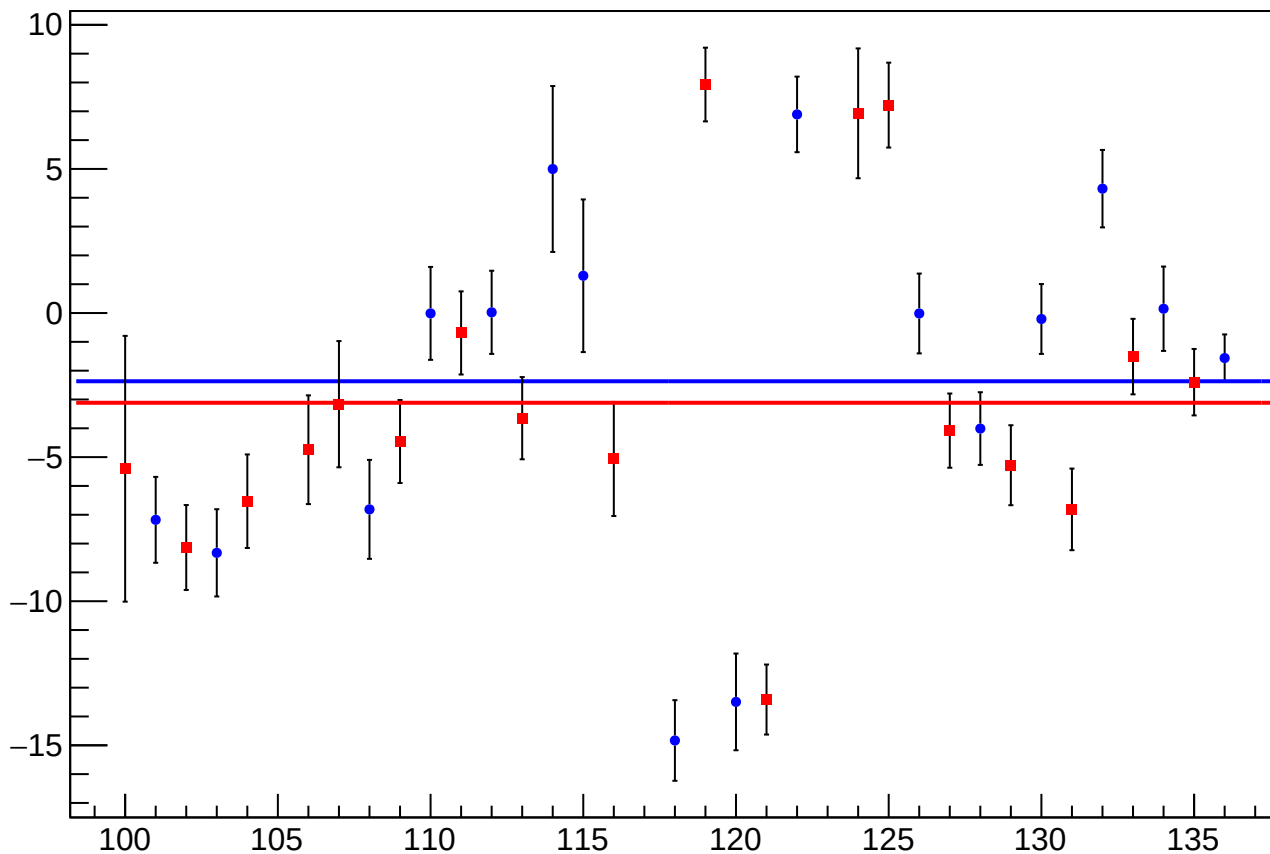
Right: 8013.258+/-1.511 χ^2/NDF : 838168.6/33

In: 8352.758+/-2.218 χ^2/NDF : 220412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8013.258+/-1.511 χ^2/NDF : 838168.6/33

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: -3.114 ± 0.354 χ^2/NDF : 249.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

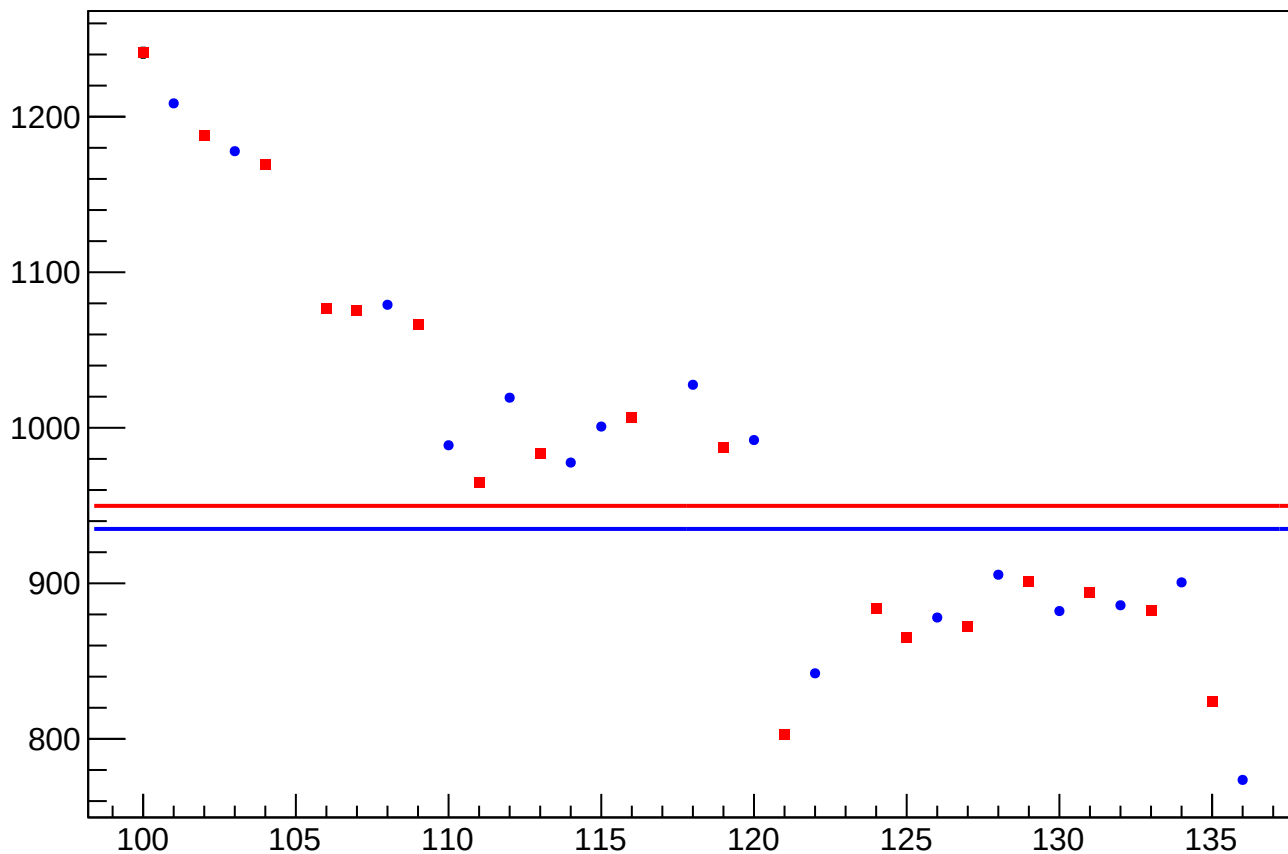
Right: -2.737 ± 0.249 χ^2/NDF : 506.8/33

In: -2.368 ± 0.350 χ^2/NDF : 255.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.737 ± 0.249 χ^2/NDF : 506.8/33

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: 949.807+/-0.250 χ^2/NDF : 209612.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

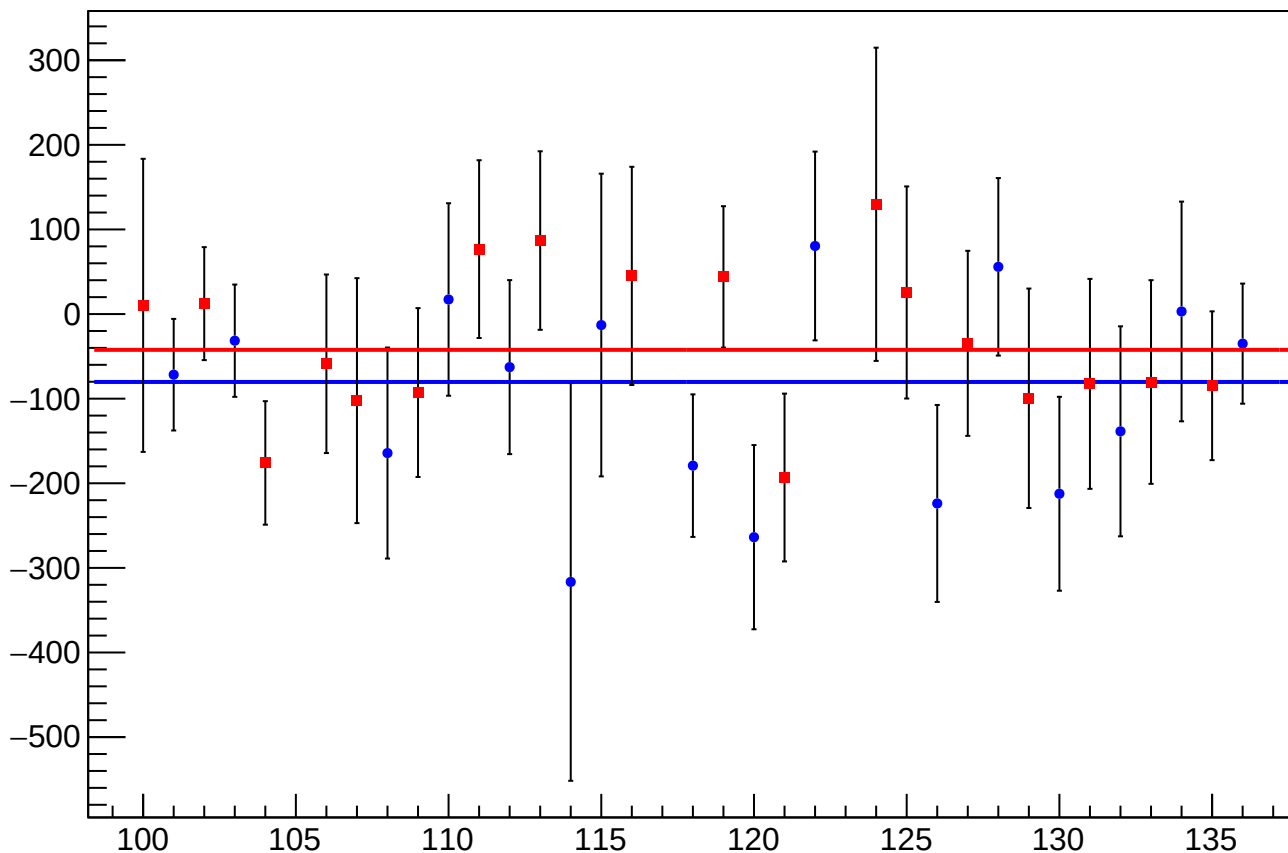
Right: 942.320+/-0.176 χ^2/NDF : 465750.0/33

In: 934.975+/-0.248 χ^2/NDF : 254363.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 942.320+/-0.176 χ^2/NDF : 465750.0/33

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: -42.287 $\pm$ 24.484 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

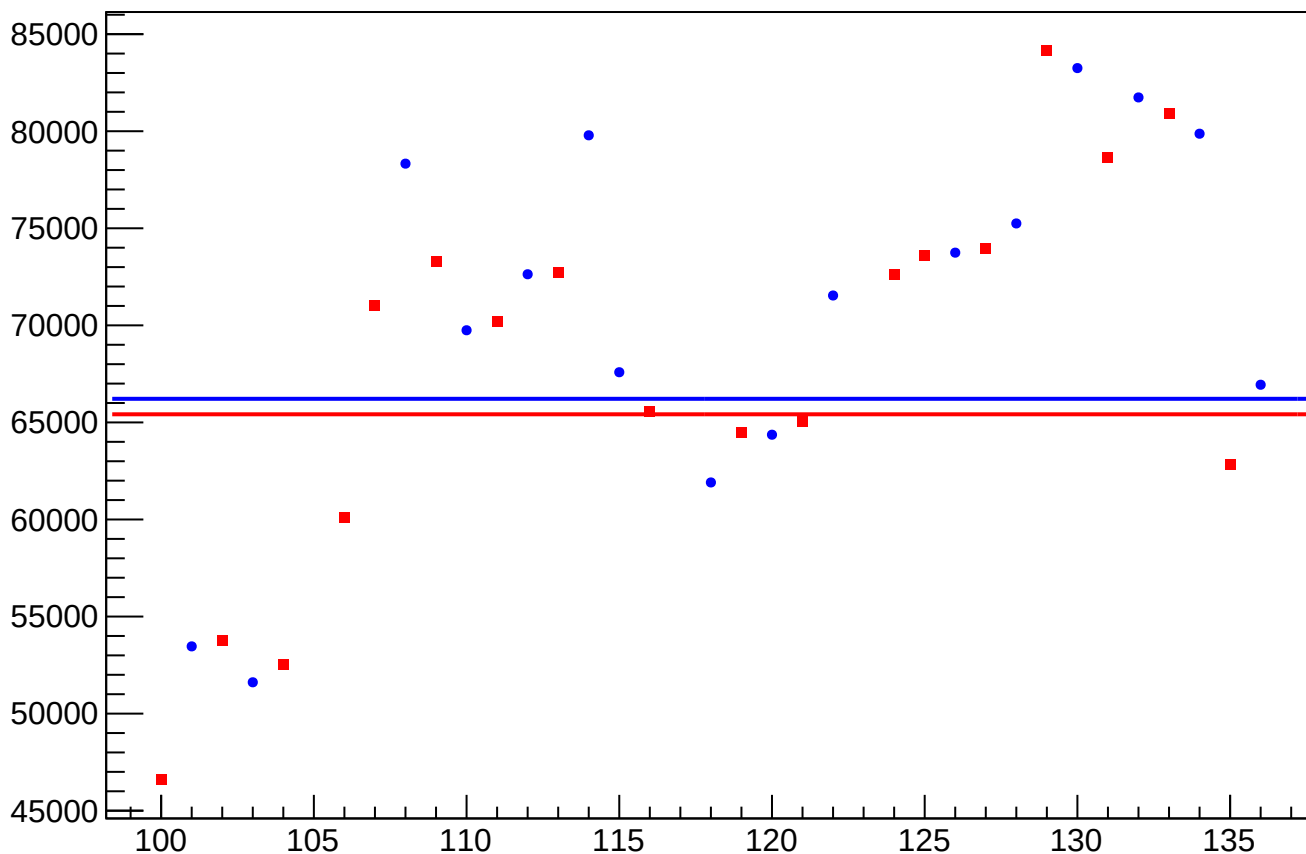
Right: -60.942 $\pm$ 17.461 χ^2 /NDF: 29.0/33

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: -60.942 $\pm$ 17.461 χ^2 /NDF: 29.0/33

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: 65418.581+/-17.313 χ^2/NDF : 304555.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

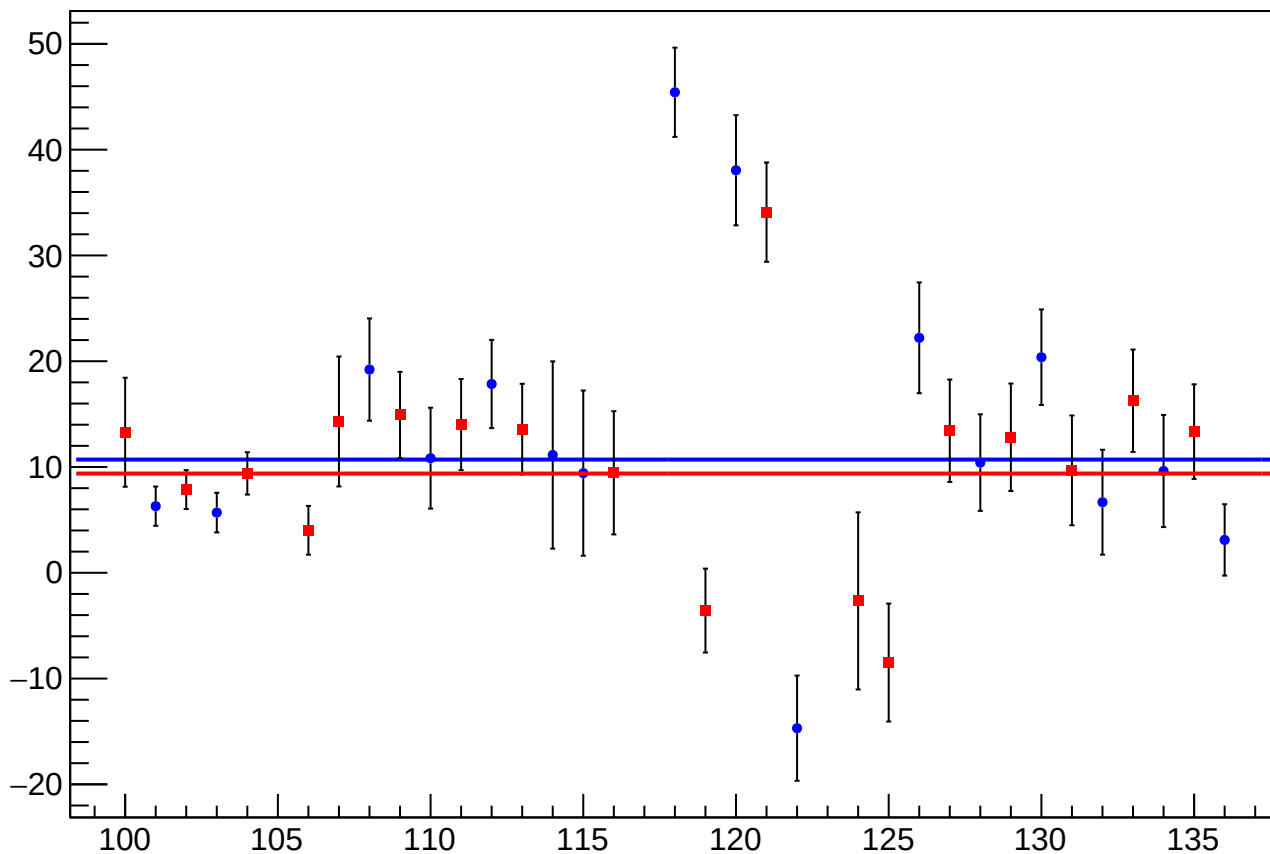
Right: 65810.487+/-12.347 χ^2/NDF : 643976.3/33

In: 66216.115+/-17.613 χ^2/NDF : 338377.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65810.487+/-12.347 χ^2/NDF : 643976.3/33

diff_bpm0r03Y_mean vs Slug, Sign Corrected



Right In: 10.705+/-0.921 χ^2/NDF : 155.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.381+/-0.857 χ^2/NDF : 66.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

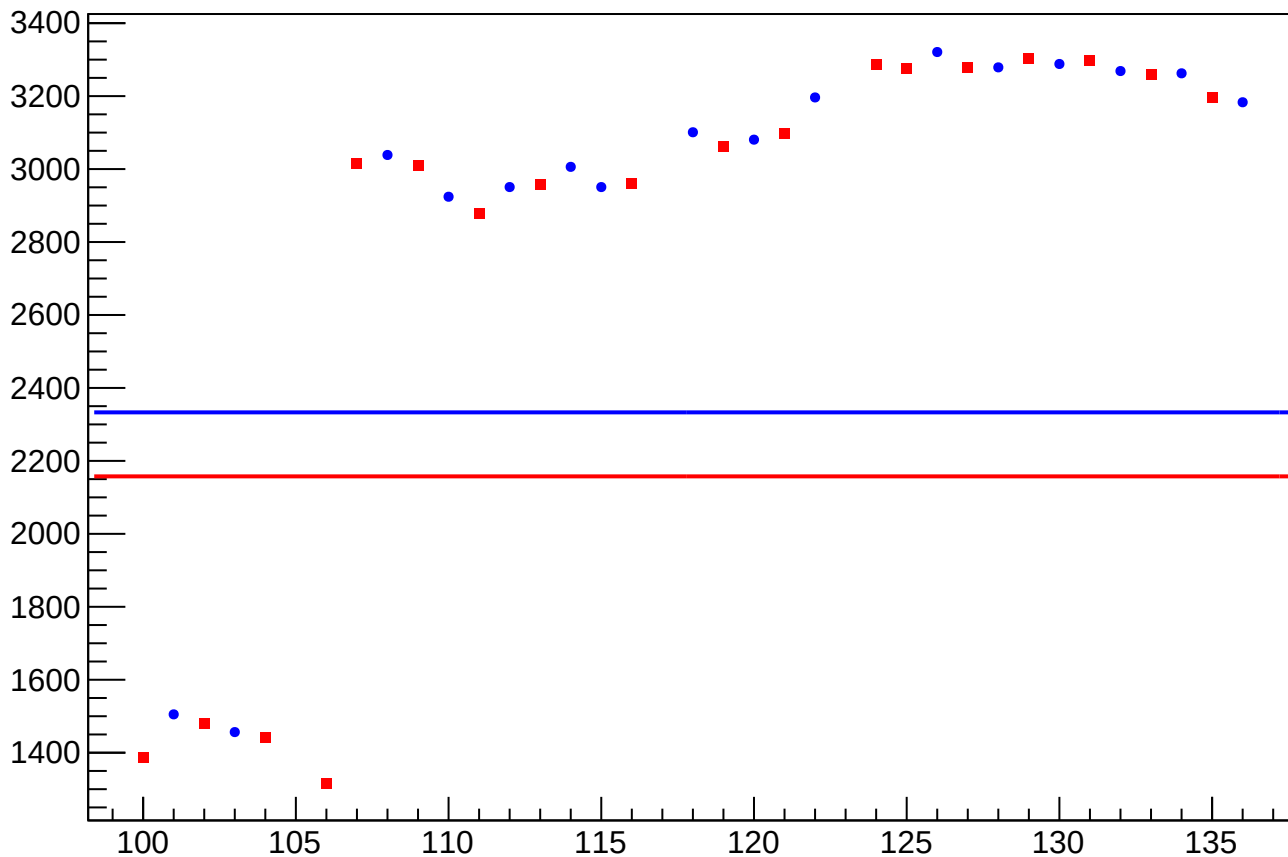
Right: 9.995+/-0.627 χ^2/NDF : 222.6/33

In: 10.705+/-0.921 χ^2/NDF : 155.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.995+/-0.627 χ^2/NDF : 222.6/33

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: 2157.561+/-0.606 χ^2/NDF : 1946163.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

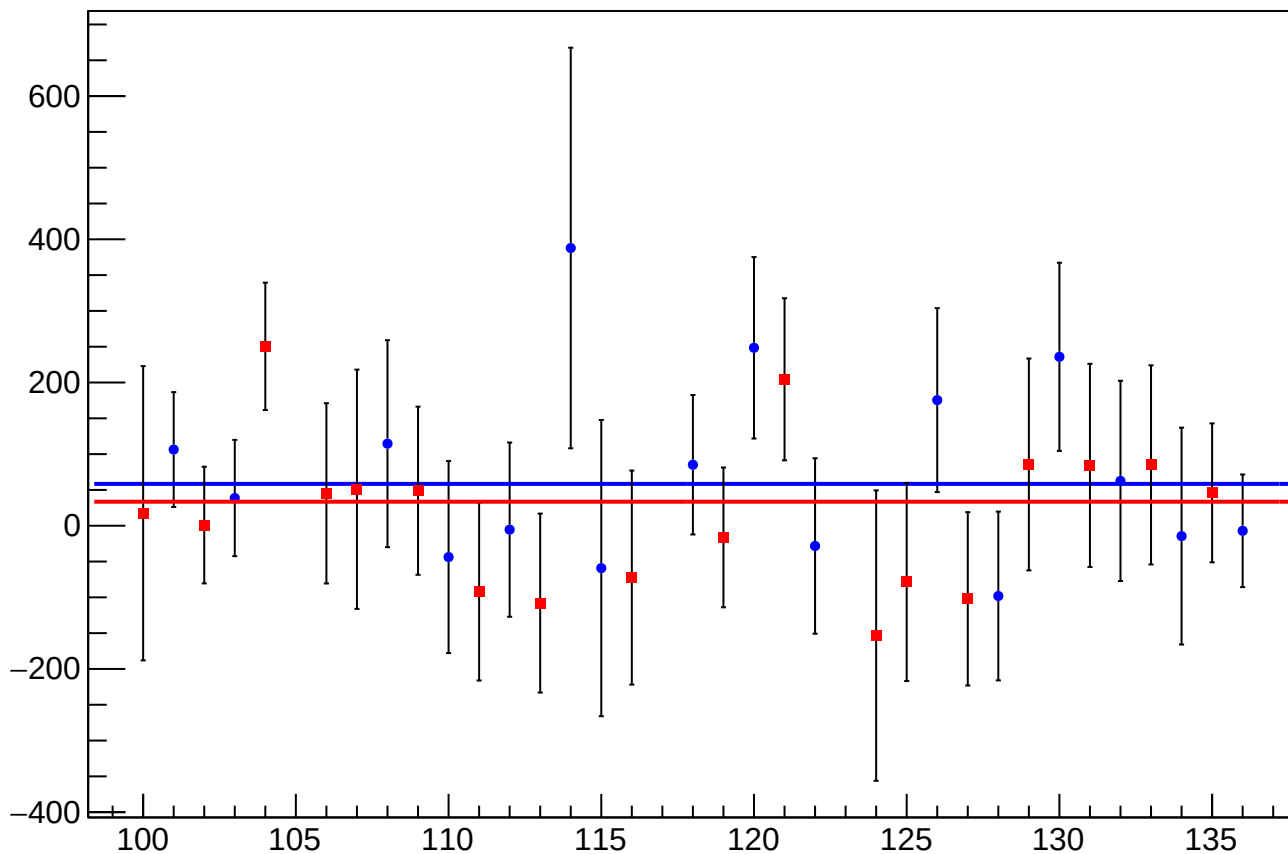
Right: 2238.984+/-0.443 χ^2/NDF : 3636512.9/33

In: 2333.021+/-0.651 χ^2/NDF : 1651407.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2238.984+/-0.443 χ^2/NDF : 3636512.9/33

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: 33.530 $\pm$ 28.547 χ^2 /NDF: 14.7/17

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

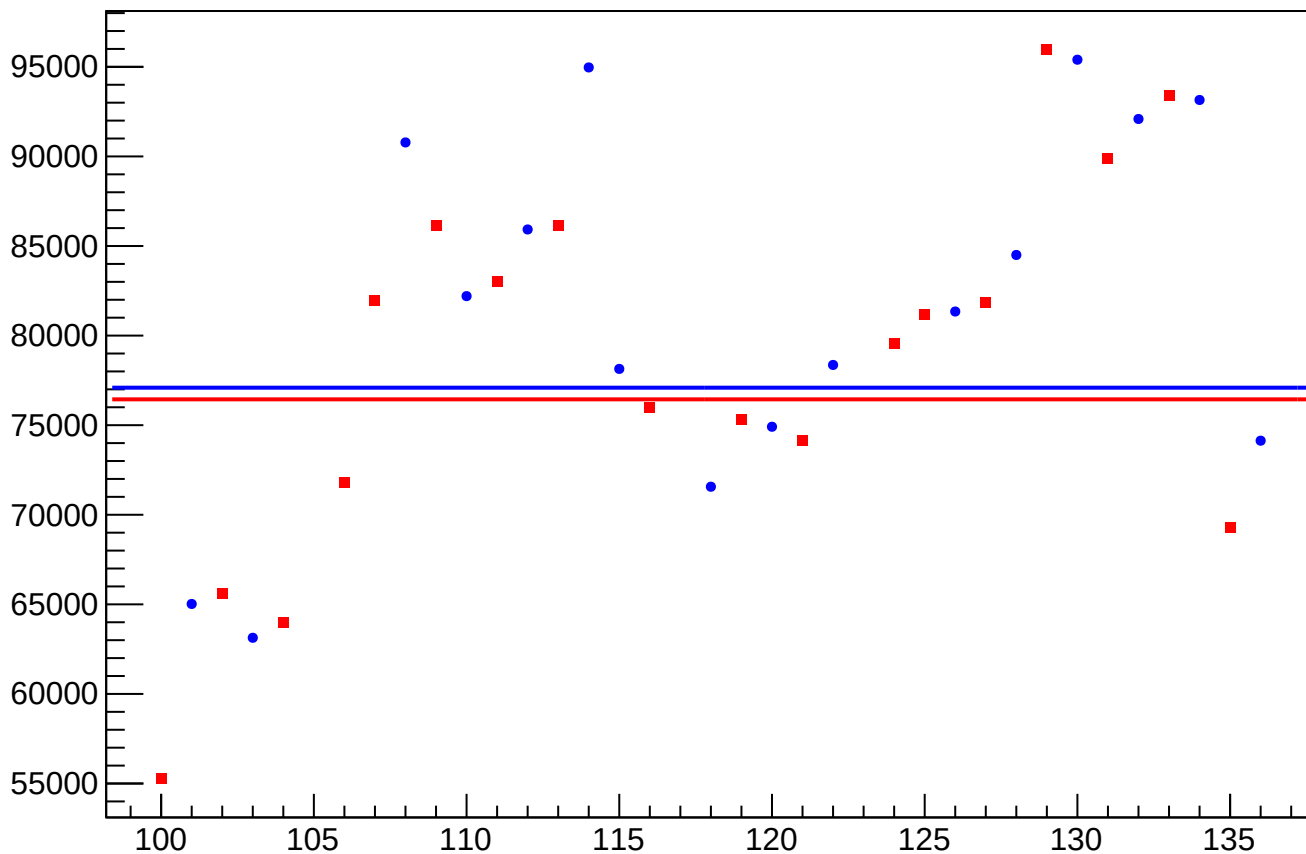
Right: 45.828 $\pm$ 20.316 χ^2 /NDF: 26.4/33

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: 45.828 $\pm$ 20.316 χ^2 /NDF: 26.4/33

diff_bpm0r05X_rms vs Slug, Sign Corrected



Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right: 76763.578+/-14.365 χ^2 /NDF: 482060.0/33

In: 77093.125+/-20.448 χ^2 /NDF: 248542.7/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 76763.578+/-14.365 χ^2 /NDF: 482060.0/33

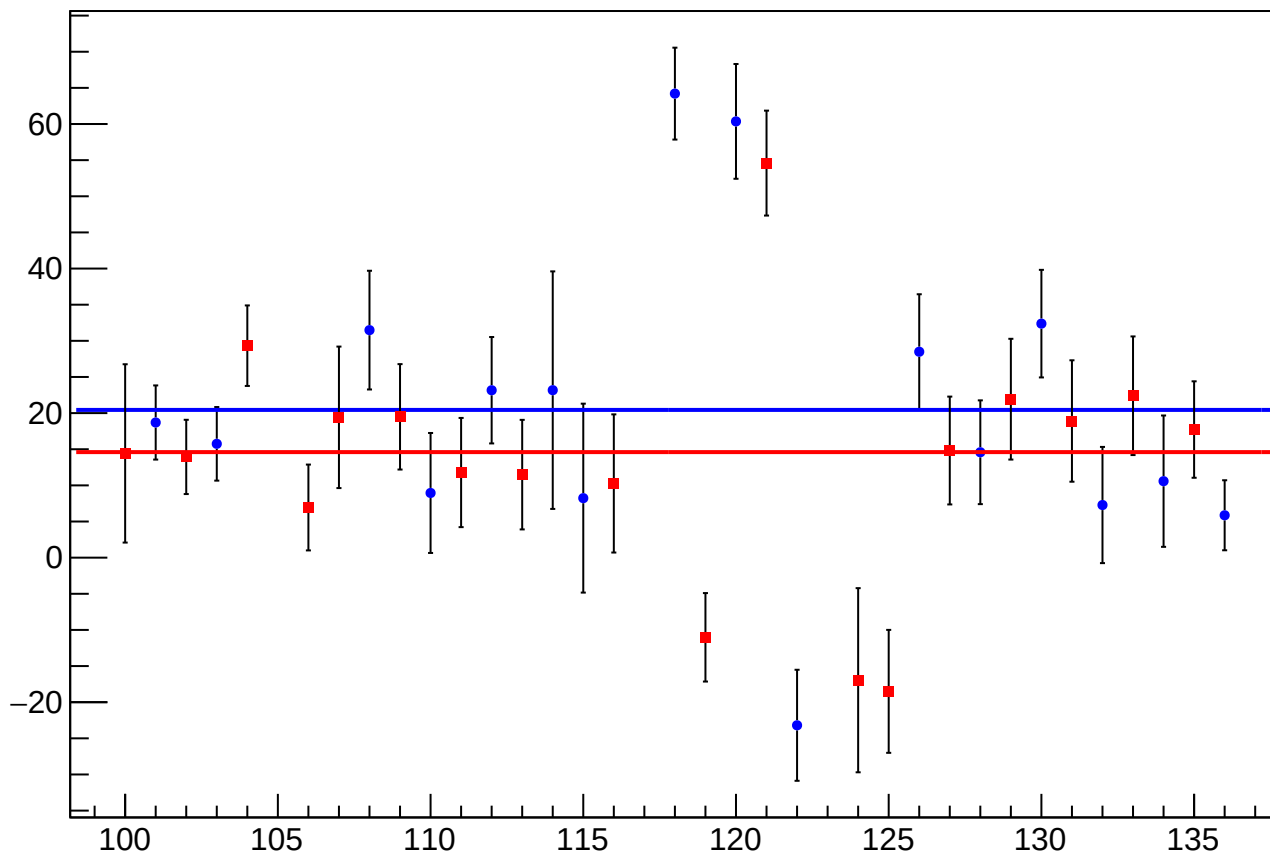
Right In: 77093.125+/-20.448 χ^2 /NDF: 248542.7/15

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 76442.415+/-20.186 χ^2 /NDF: 233004.4/17

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_mean vs Slug, Sign Corrected



Right In: 20.441+/-1.782 χ^2 /NDF: 127.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 14.604+/-1.742 χ^2 /NDF: 81.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

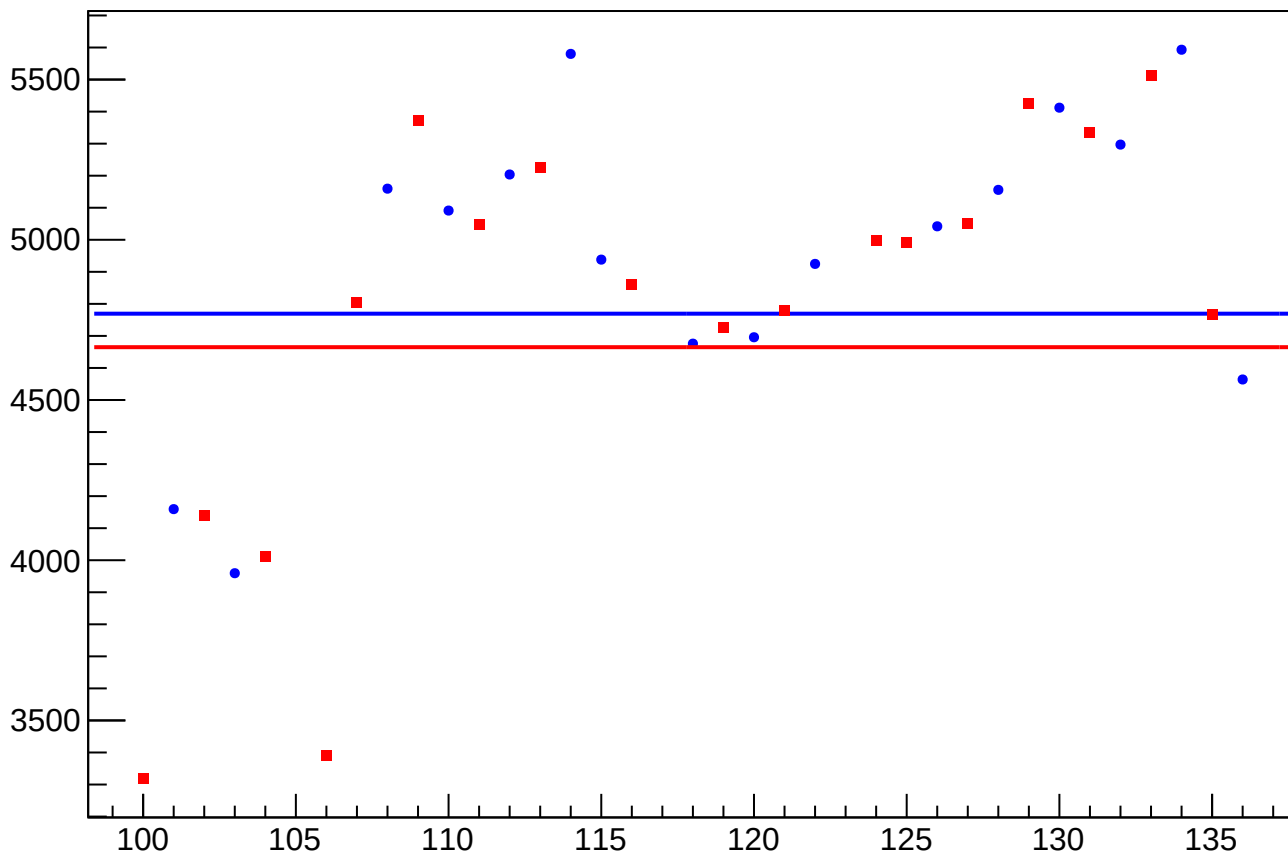
Right: 17.456+/-1.246 χ^2 /NDF: 214.5/33

In: 20.441+/-1.782 χ^2 /NDF:127.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 17.456+/-1.246 χ^2 /NDF: 214.5/33

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: 4664.847+/-1.232 χ^2/NDF : 262208.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

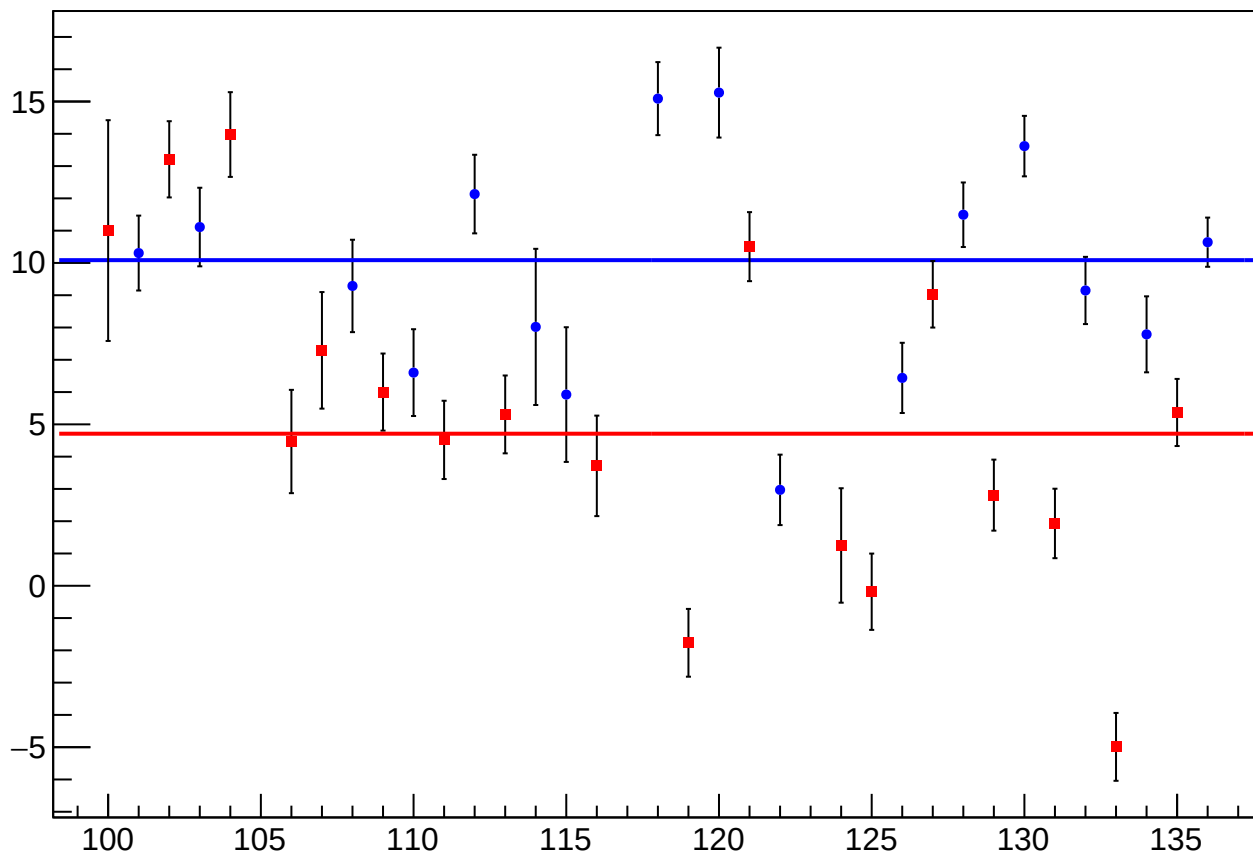
Right: 4715.922+/-0.881 χ^2/NDF : 417405.6/33

In: 4769.375+/-1.260 χ^2/NDF : 151678.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4715.922+/-0.881 χ^2/NDF : 417405.6/33

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: 4.710+/-0.291 χ^2/NDF : 310.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

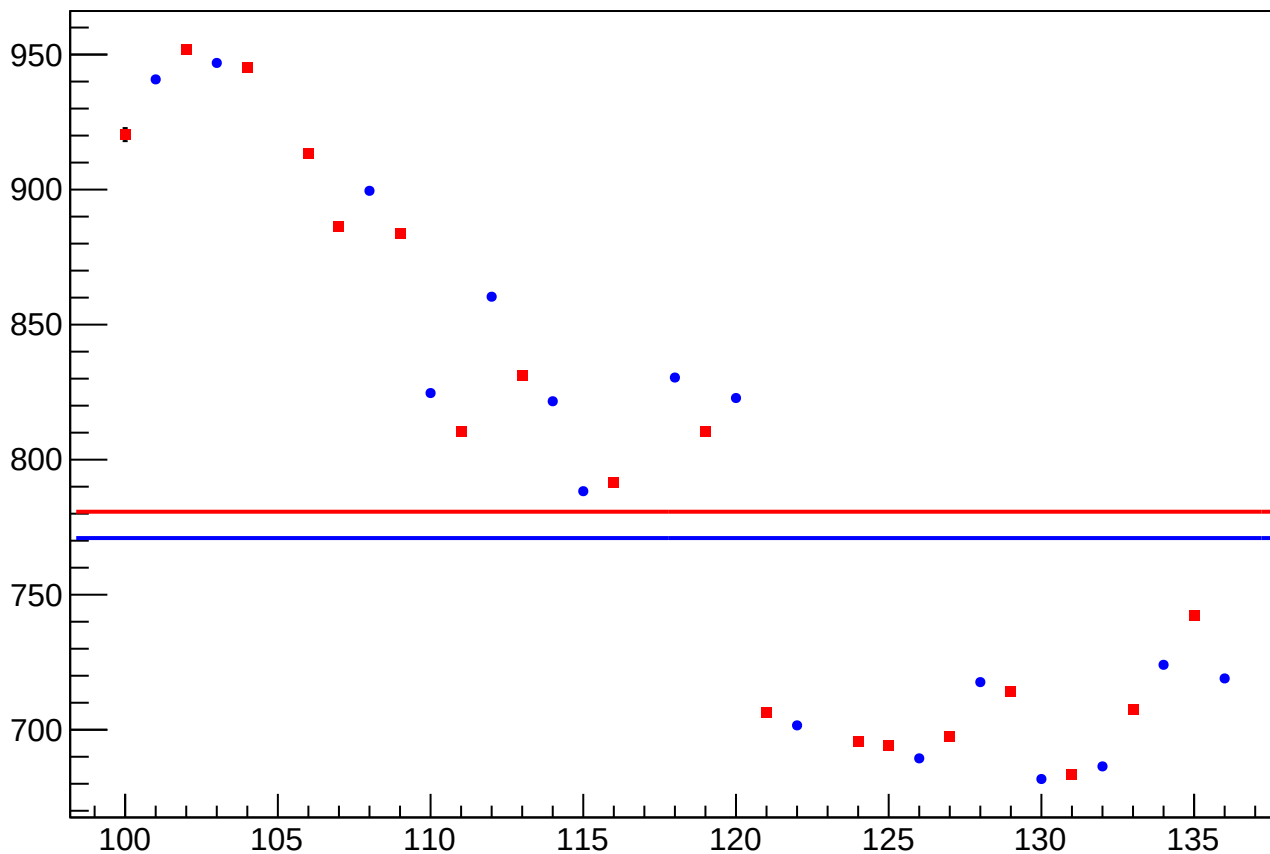
Right: 7.419+/-0.205 χ^2/NDF : 606.6/33

In: 10.086+/-0.288 χ^2/NDF : 123.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.419+/-0.205 χ^2/NDF : 606.6/33

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: 780.727+/-0.205 χ^2/NDF : 192619.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

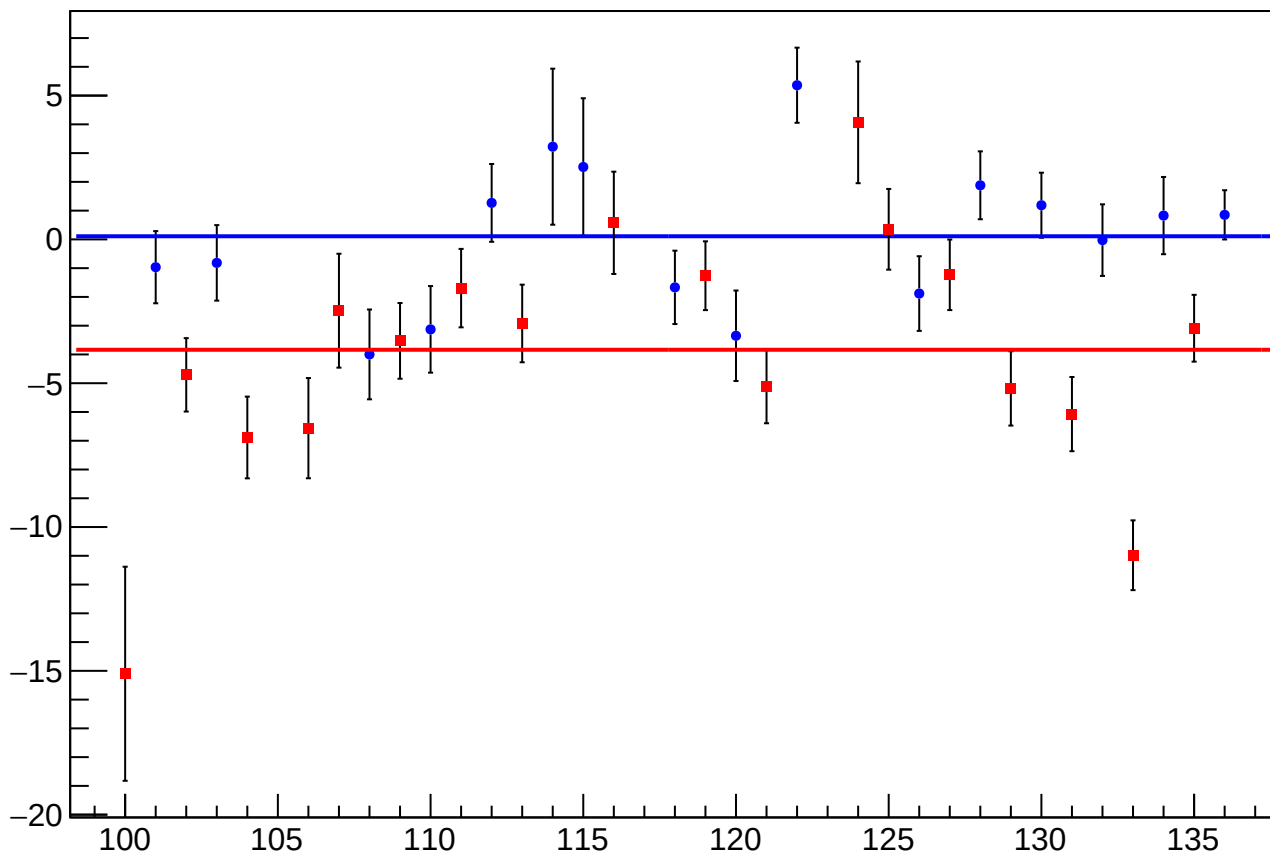
Right: 775.813+/-0.145 χ^2/NDF : 386667.0/33

In: 770.973+/-0.204 χ^2/NDF : 192911.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 775.813+/-0.145 χ^2/NDF : 386667.0/33

diff_bpm2i01Y_mean vs Slug, Sign Corrected



Right In: 0.109 $\pm$ 0.330 χ^2 /NDF: 45.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.837 $\pm$ 0.332 χ^2 /NDF: 98.5/17

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

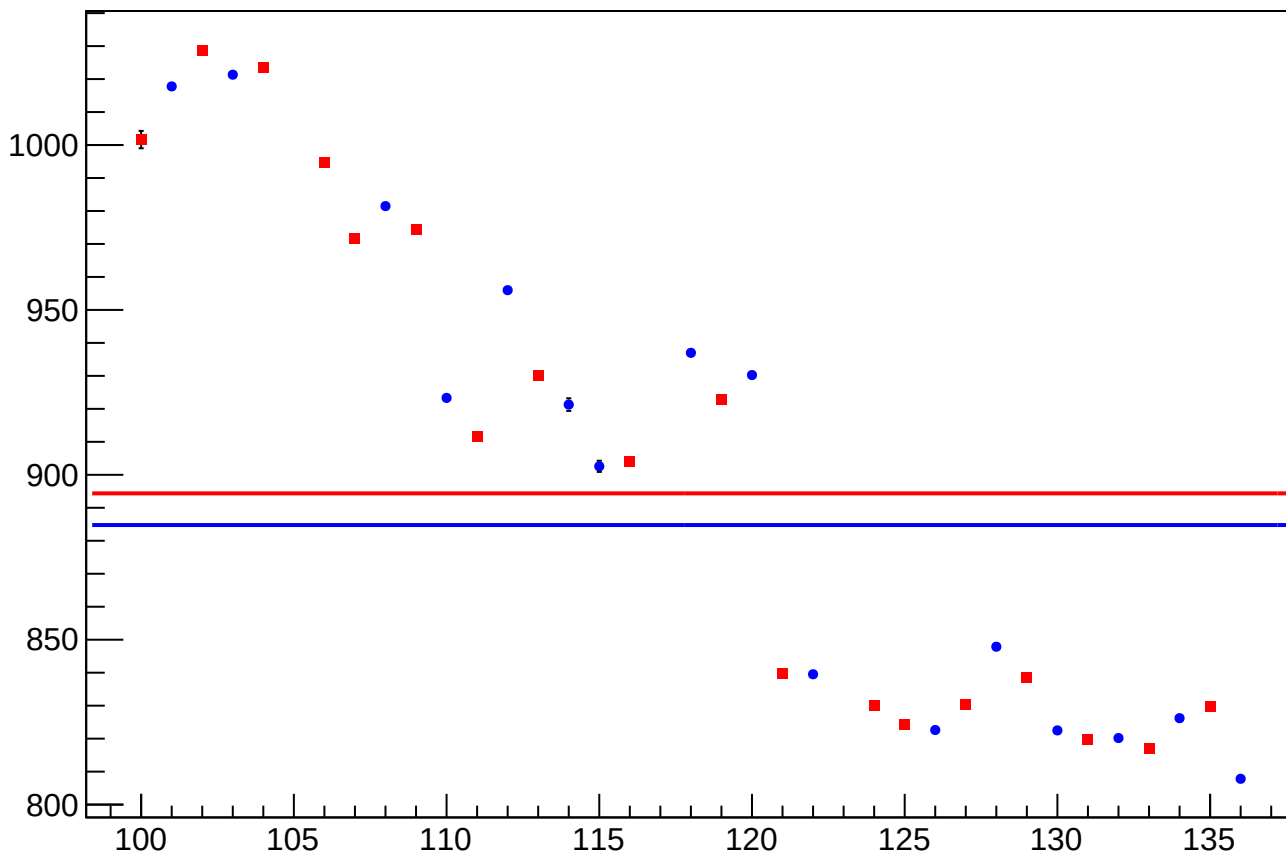
Right: -1.853 $\pm$ 0.234 χ^2 /NDF: 215.0/33

In: 0.109 $\pm$ 0.330 χ^2 /NDF:45.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.853 $\pm$ 0.234 χ^2 /NDF: 215.0/33

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: 894.379+/-0.235 χ^2/NDF : 101065.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

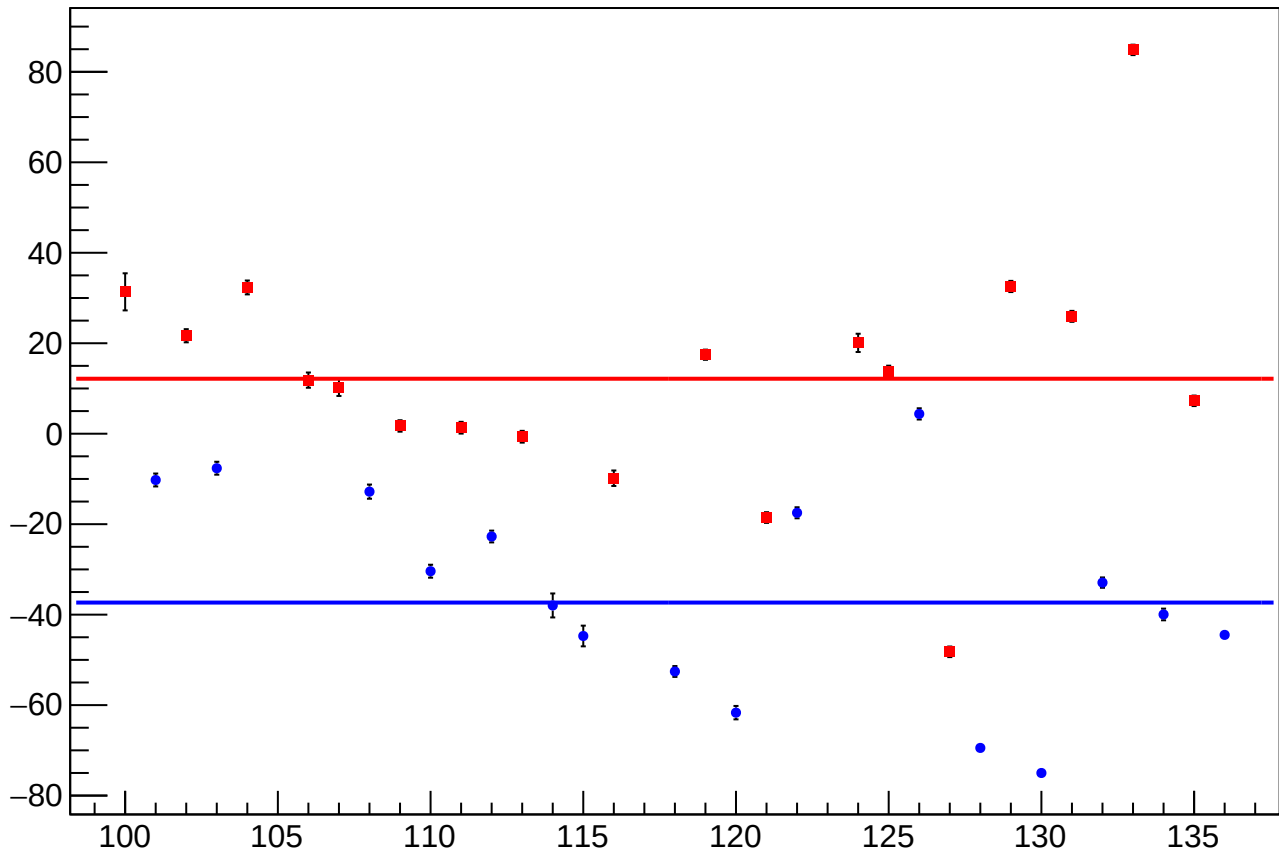
Right: 889.548+/-0.165 χ^2/NDF : 206402.2/33

In: 884.773+/-0.233 χ^2/NDF : 104494.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 889.548+/-0.165 χ^2/NDF : 206402.2/33

diff_bpm2i02X_mean vs Slug, Sign Corrected



Right In: -37.330+/-0.322 χ^2/NDF : 5184.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 12.154+/-0.323 χ^2/NDF : 8404.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

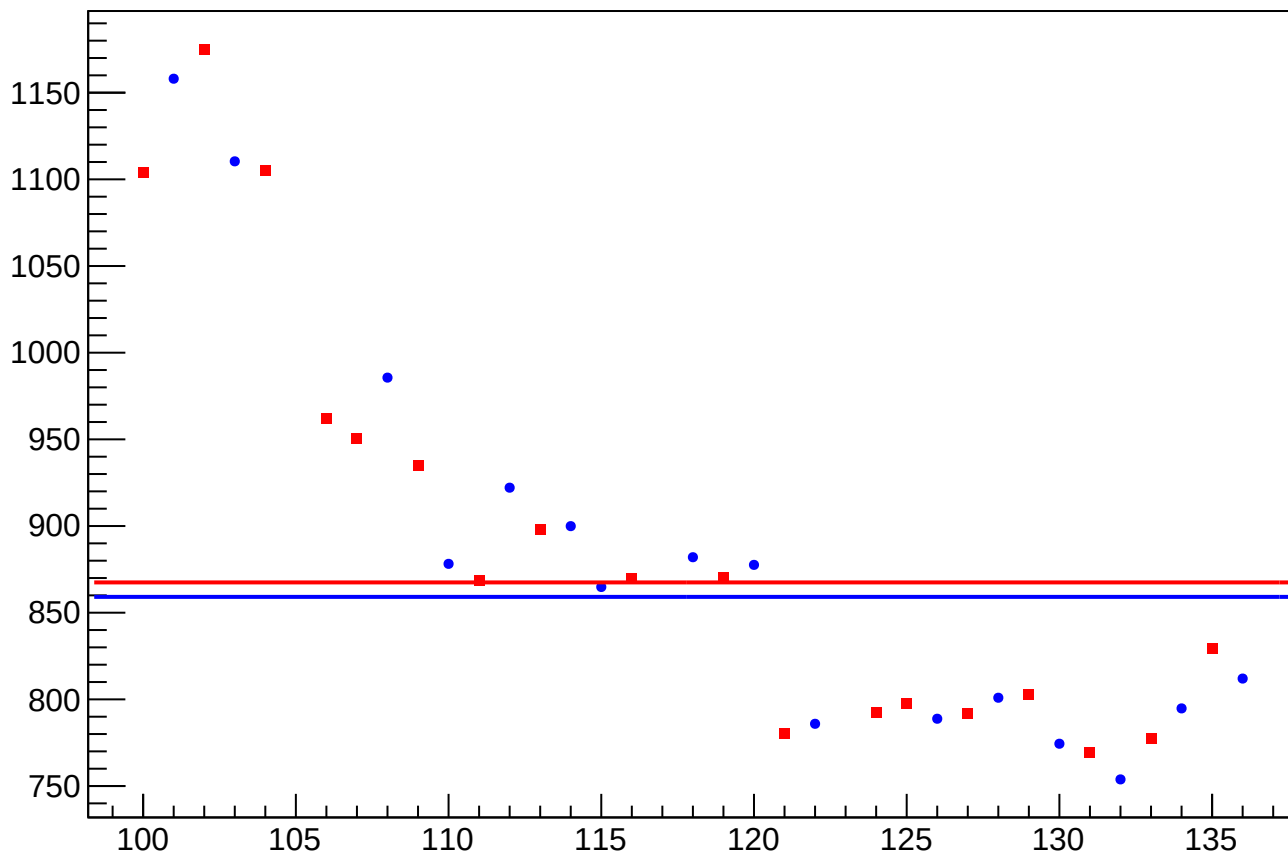
Right: -12.697+/-0.228 χ^2/NDF : 25364.2/33

In: -37.330+/-0.322 χ^2/NDF : 5184.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.697+/-0.228 χ^2/NDF : 25364.2/33

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: 867.468+/-0.229 χ^2/NDF : 220644.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

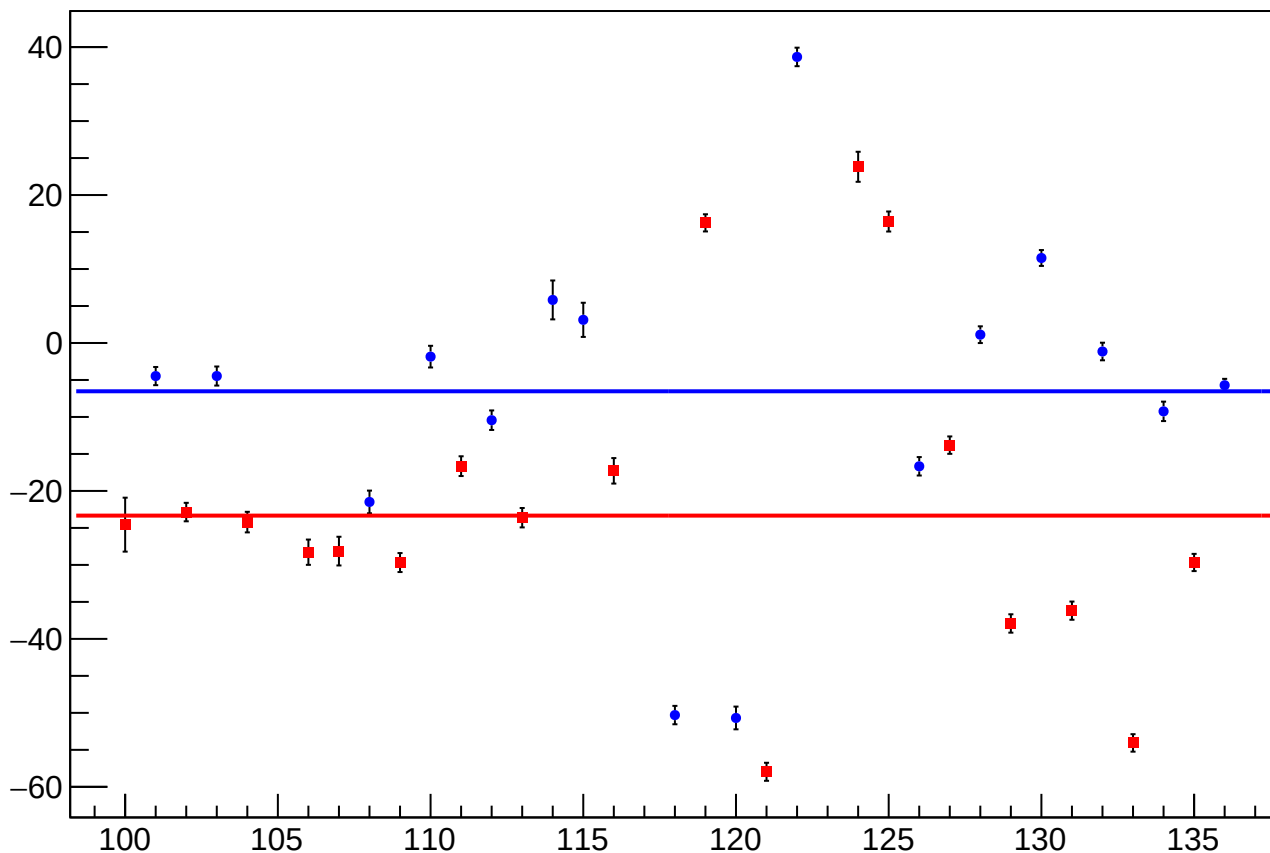
Right: 863.279+/-0.161 χ^2/NDF : 450023.5/33

In: 859.126+/-0.228 χ^2/NDF : 228710.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 863.279+/-0.161 χ^2/NDF : 450023.5/33

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: -23.335+/-0.322 χ^2/NDF : 4467.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

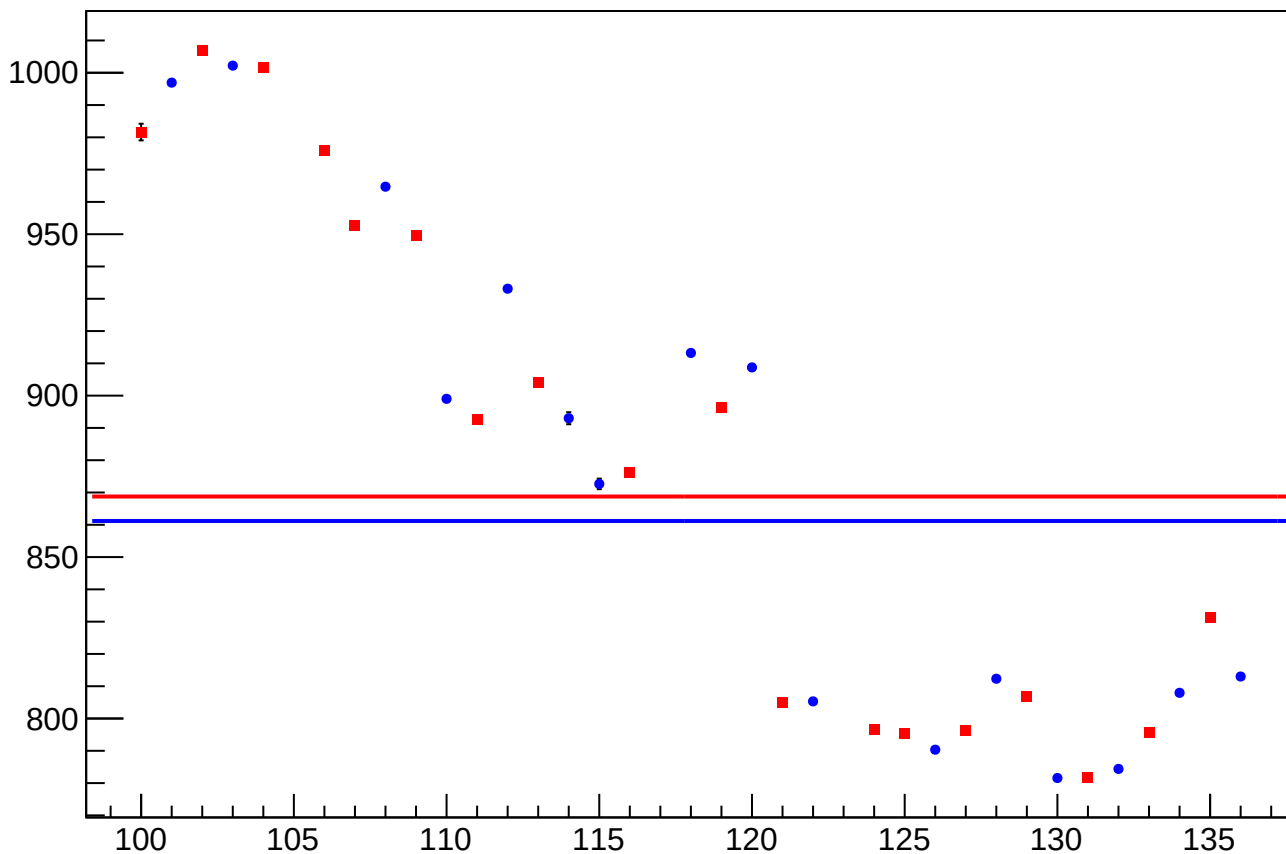
Right: -14.900+/-0.228 χ^2/NDF : 9777.5/33

In: -6.529+/-0.321 χ^2/NDF :3946.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -14.900+/-0.228 χ^2/NDF : 9777.5/33

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: 868.756+/-0.228 χ^2/NDF : 113717.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

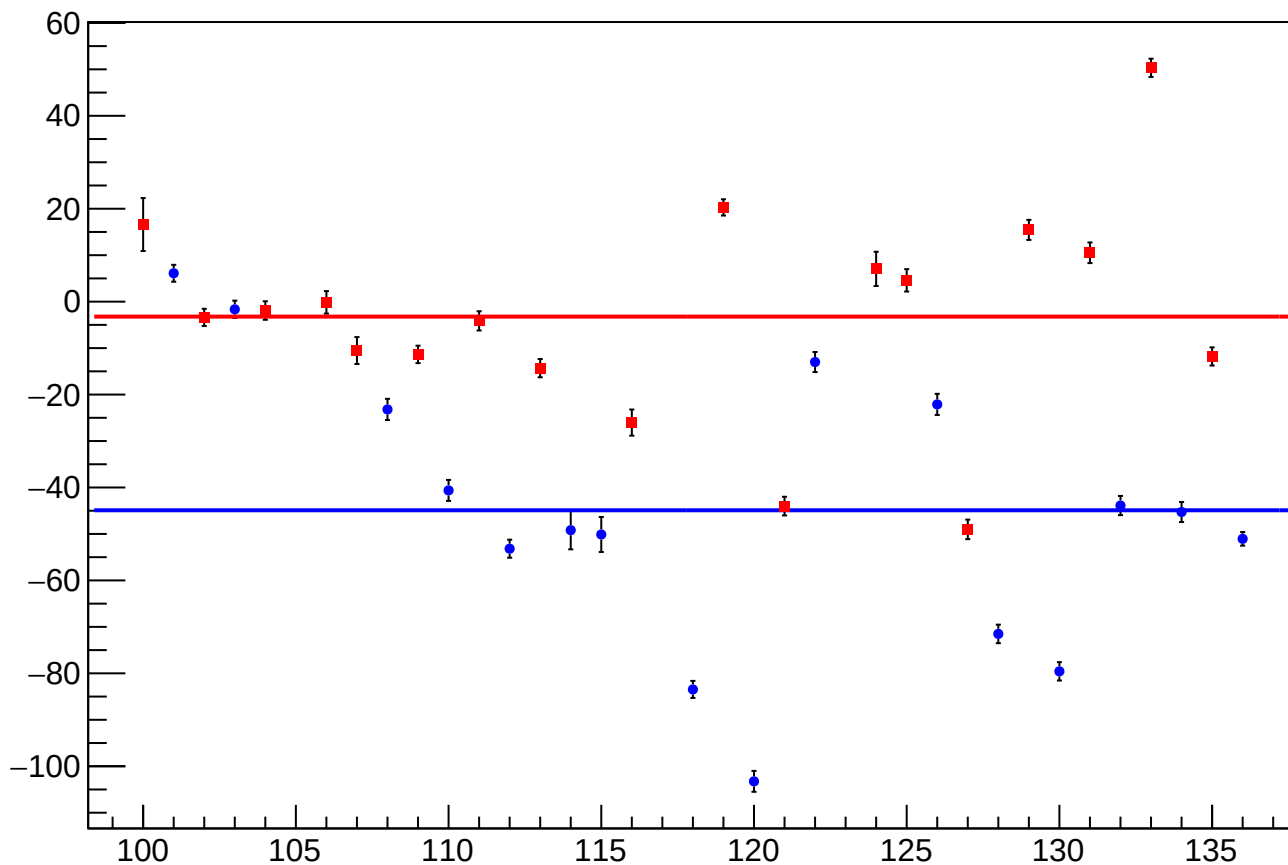
Right: 864.948+/-0.161 χ^2/NDF : 227803.1/33

In: 861.169+/-0.227 χ^2/NDF : 113529.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 864.948+/-0.161 χ^2/NDF : 227803.1/33

diff_bpm0i02X_mean vs Slug, Sign Corrected



Right In: -44.905 $\pm$ 0.520 χ^2 /NDF: 3377.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.221 $\pm$ 0.516 χ^2 /NDF: 2096.9/17

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

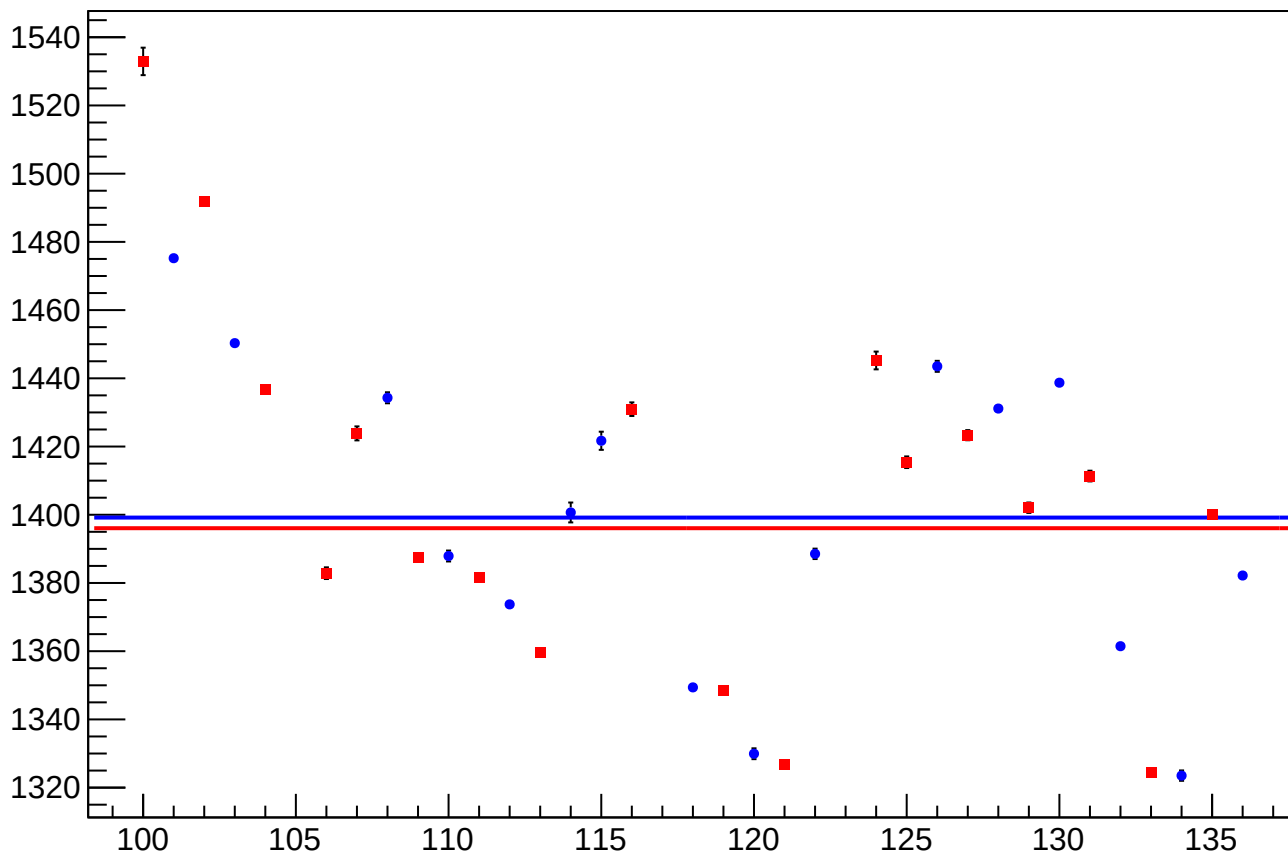
Right: -23.920 $\pm$ 0.366 χ^2 /NDF: 8710.8/33

In: -44.905 $\pm$ 0.520 χ^2 /NDF:3377.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -23.920 $\pm$ 0.366 χ^2 /NDF: 8710.8/33

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: 1396.059+/-0.365 χ^2/NDF : 16169.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

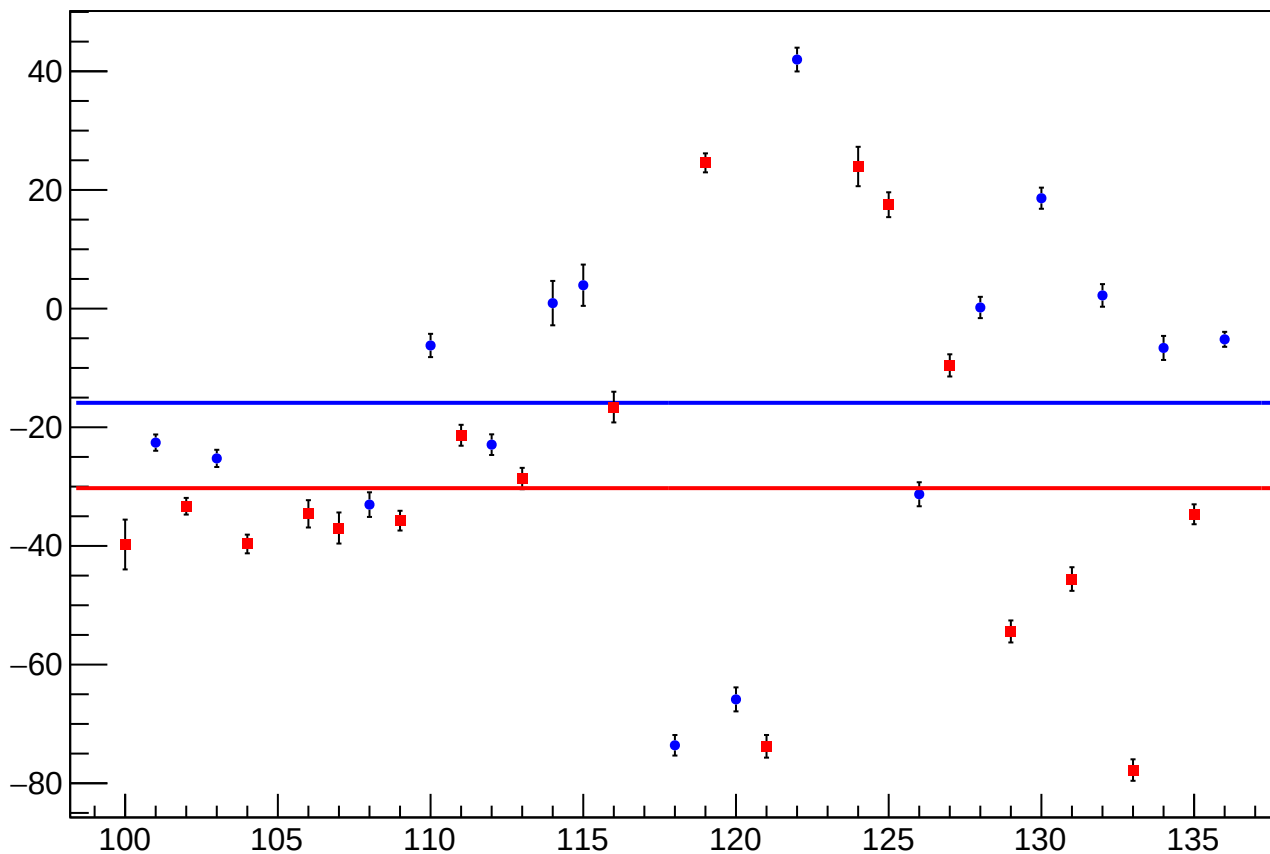
Right: 1397.605+/-0.259 χ^2/NDF : 31049.9/33

In: 1399.172+/-0.368 χ^2/NDF : 14844.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.605+/-0.259 χ^2/NDF : 31049.9/33

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: -30.261 $\pm$ 0.451 χ^2 /NDF: 3646.0/17

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

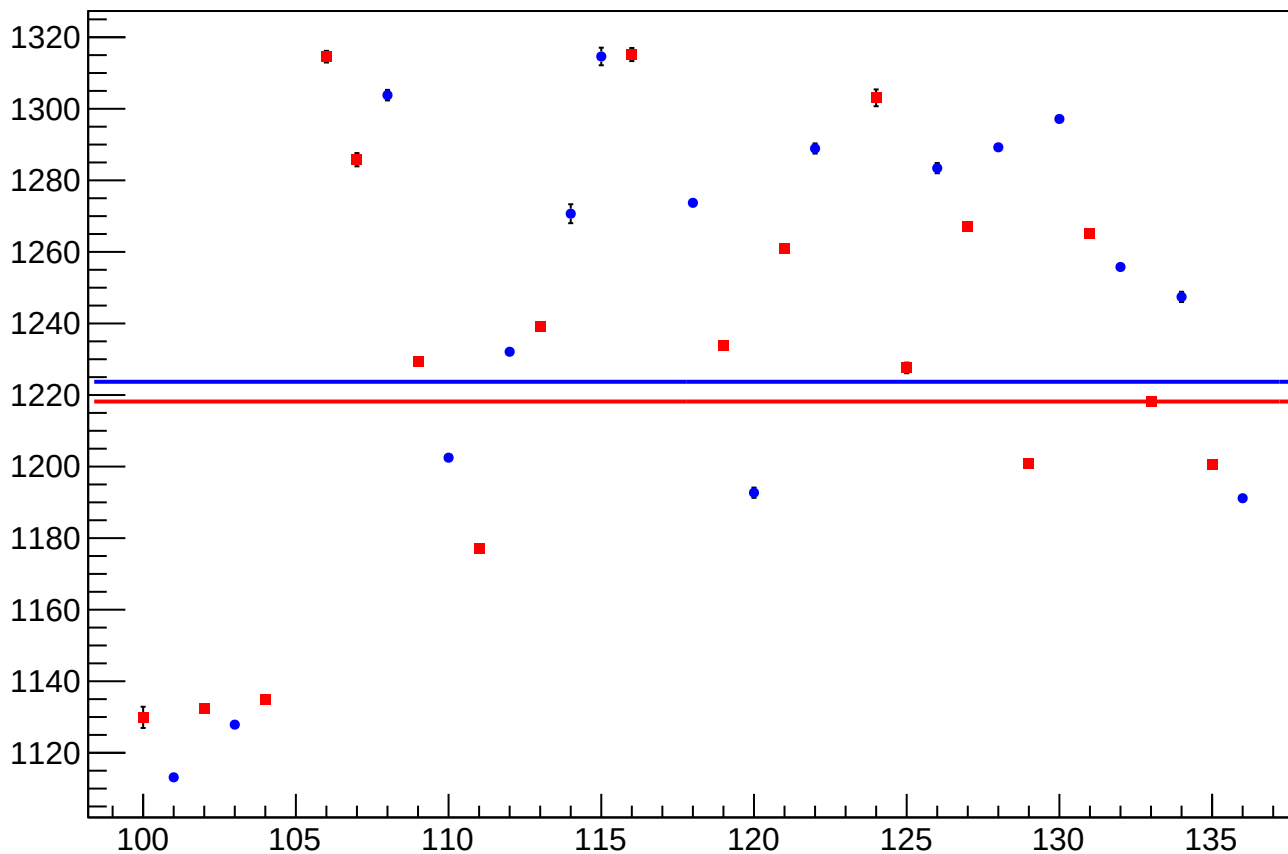
Right: -23.136 $\pm$ 0.320 χ^2 /NDF: 7627.5/33

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: -23.136 $\pm$ 0.320 χ^2 /NDF: 7627.5/33

diff_bpm0i02Y_rms vs Slug, Sign Corrected



Right In: 1223.702+/-0.322 χ^2/NDF : 40883.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1218.180+/-0.319 χ^2/NDF : 28479.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

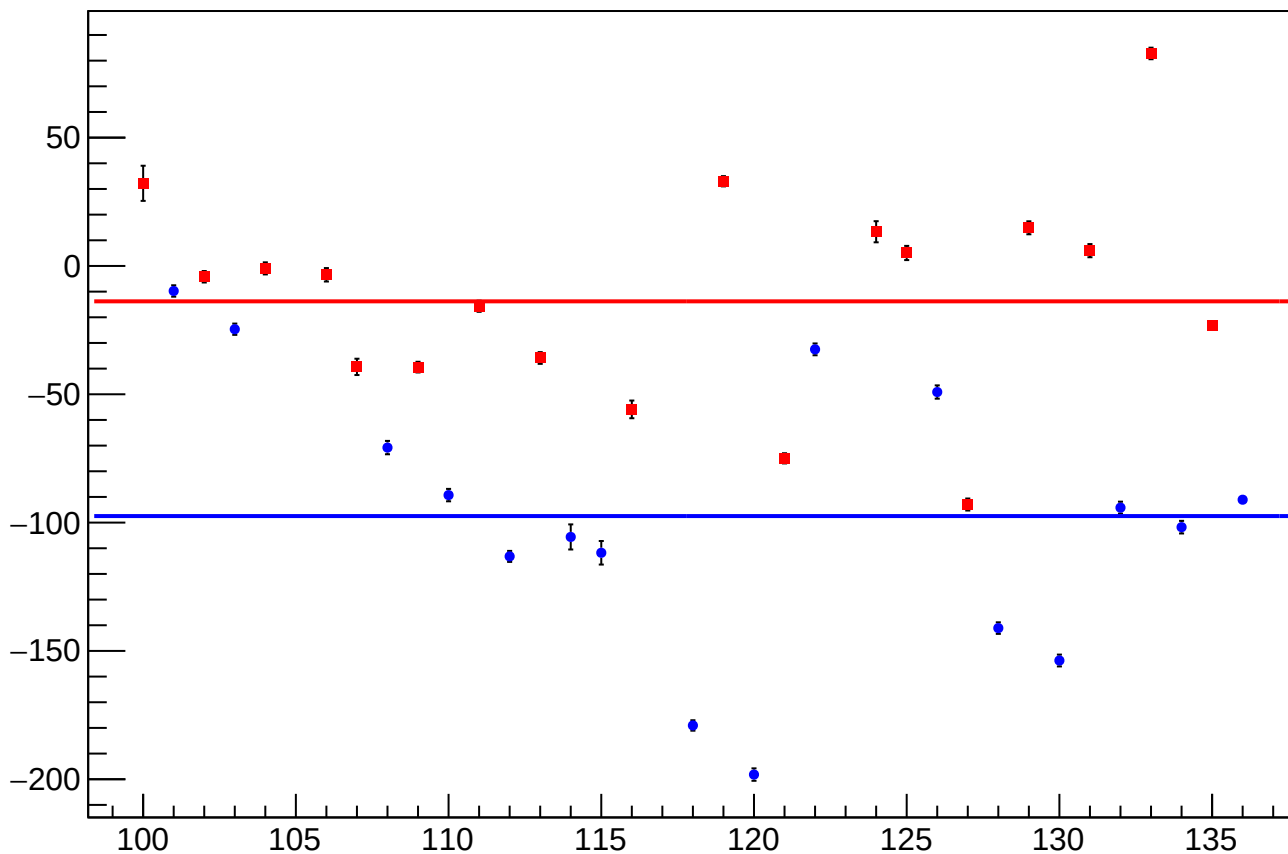
Right: 1220.916+/-0.227 χ^2/NDF : 69511.7/33

In: 1223.702+/-0.322 χ^2/NDF : 40883.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1220.916+/-0.227 χ^2/NDF : 69511.7/33

diff_bpm0i02aX_mean vs Slug, Sign Corrected



Right In: -97.455 ± 0.579 $\chi^2/\text{NDF}: 8300.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.787 ± 0.576 $\chi^2/\text{NDF}: 5352.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

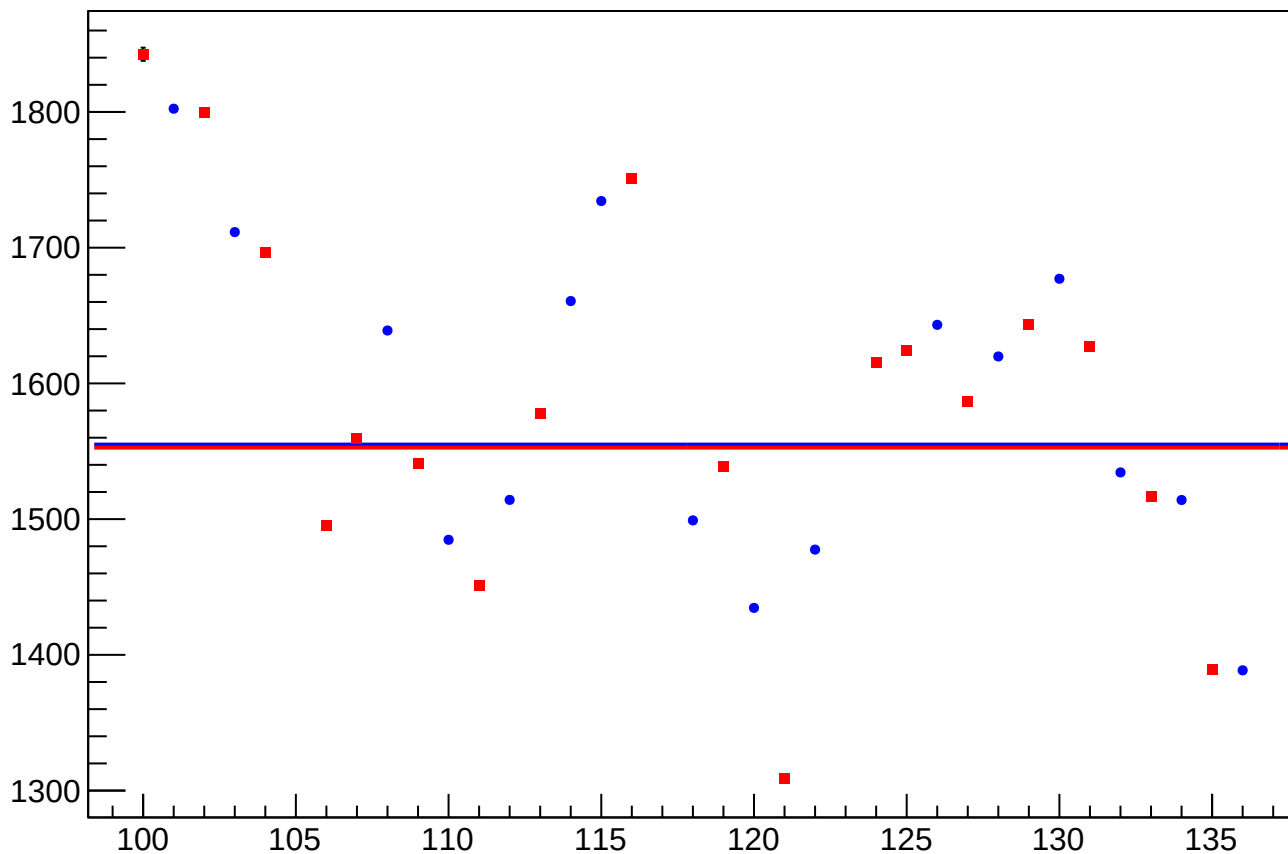
Right: -55.380 ± 0.409 $\chi^2/\text{NDF}: 24137.9/33$

In: -97.455 ± 0.579 $\chi^2/\text{NDF}: 8300.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -55.380 ± 0.409 $\chi^2/\text{NDF}: 24137.9/33$

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: 1552.715+/-0.407 χ^2/NDF : 99398.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

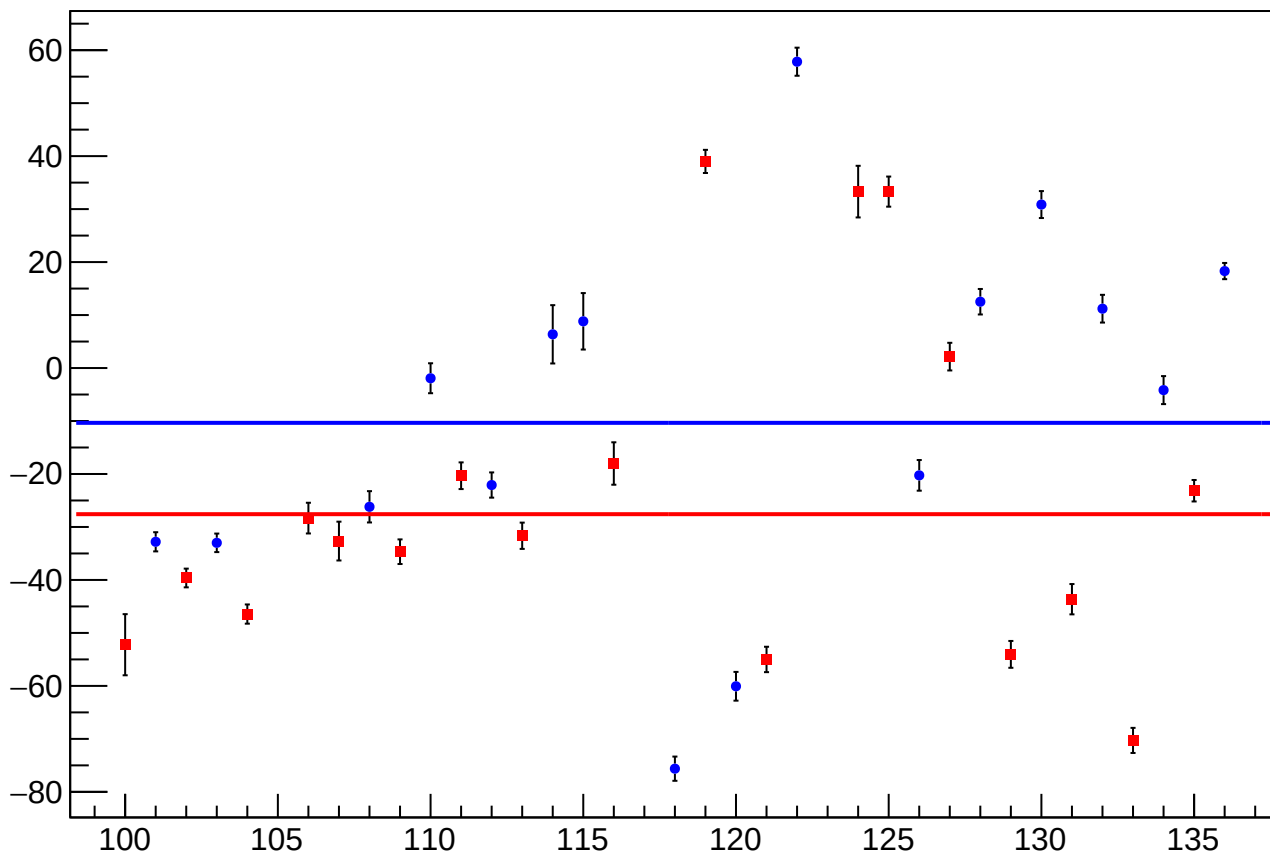
Right: 1553.805+/-0.289 χ^2/NDF : 187332.7/33

In: 1554.908+/-0.410 χ^2/NDF : 87920.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1553.805+/-0.289 χ^2/NDF : 187332.7/33

diff_bpm0i02aY_mean vs Slug, Sign Corrected



Right In: -10.345 $\pm$ 0.603 χ^2 /NDF: 3007.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -27.585 $\pm$ 0.596 χ^2 /NDF: 2475.9/17

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

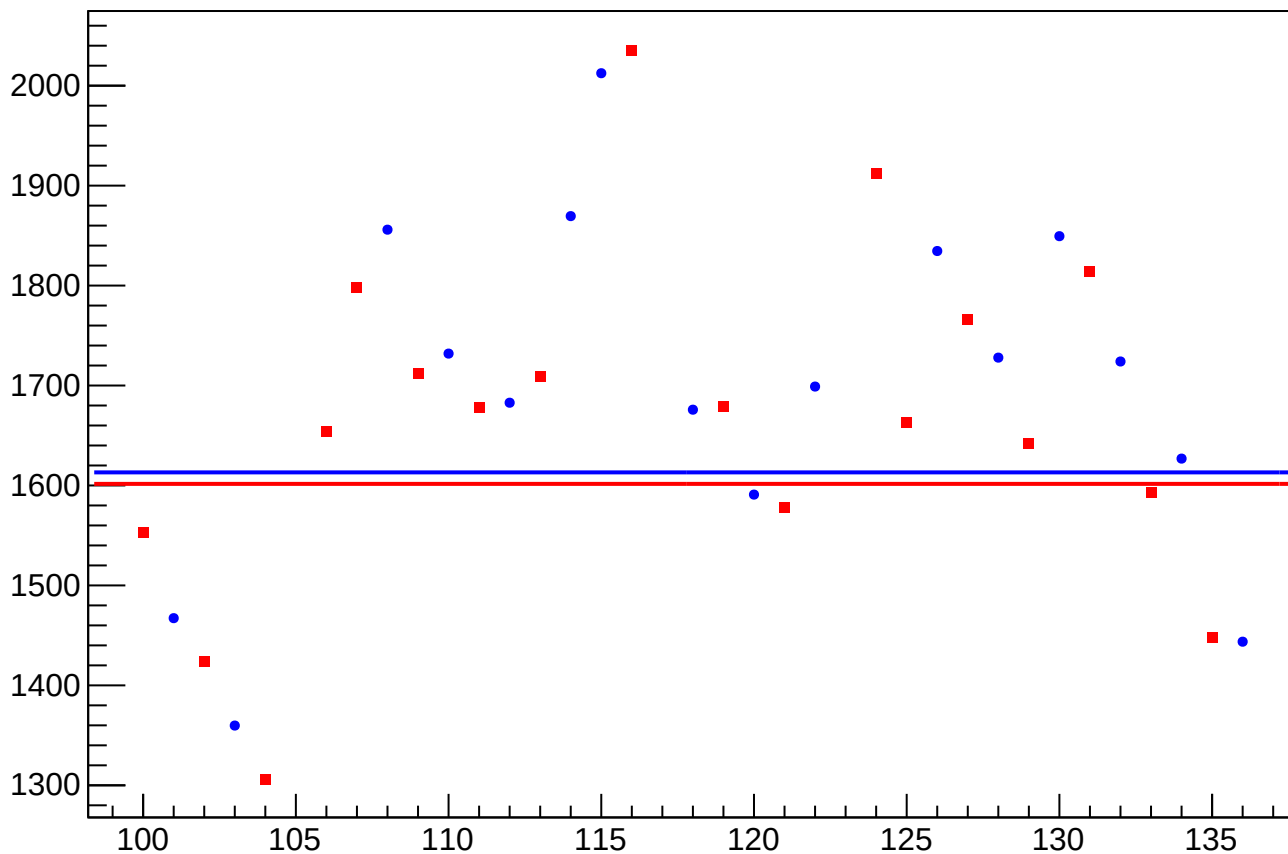
Right: -19.062 $\pm$ 0.424 χ^2 /NDF: 5896.0/33

In: -10.345 $\pm$ 0.603 χ^2 /NDF:3007.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.062 $\pm$ 0.424 χ^2 /NDF: 5896.0/33

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: 1601.589+/-0.422 χ^2/NDF : 156234.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

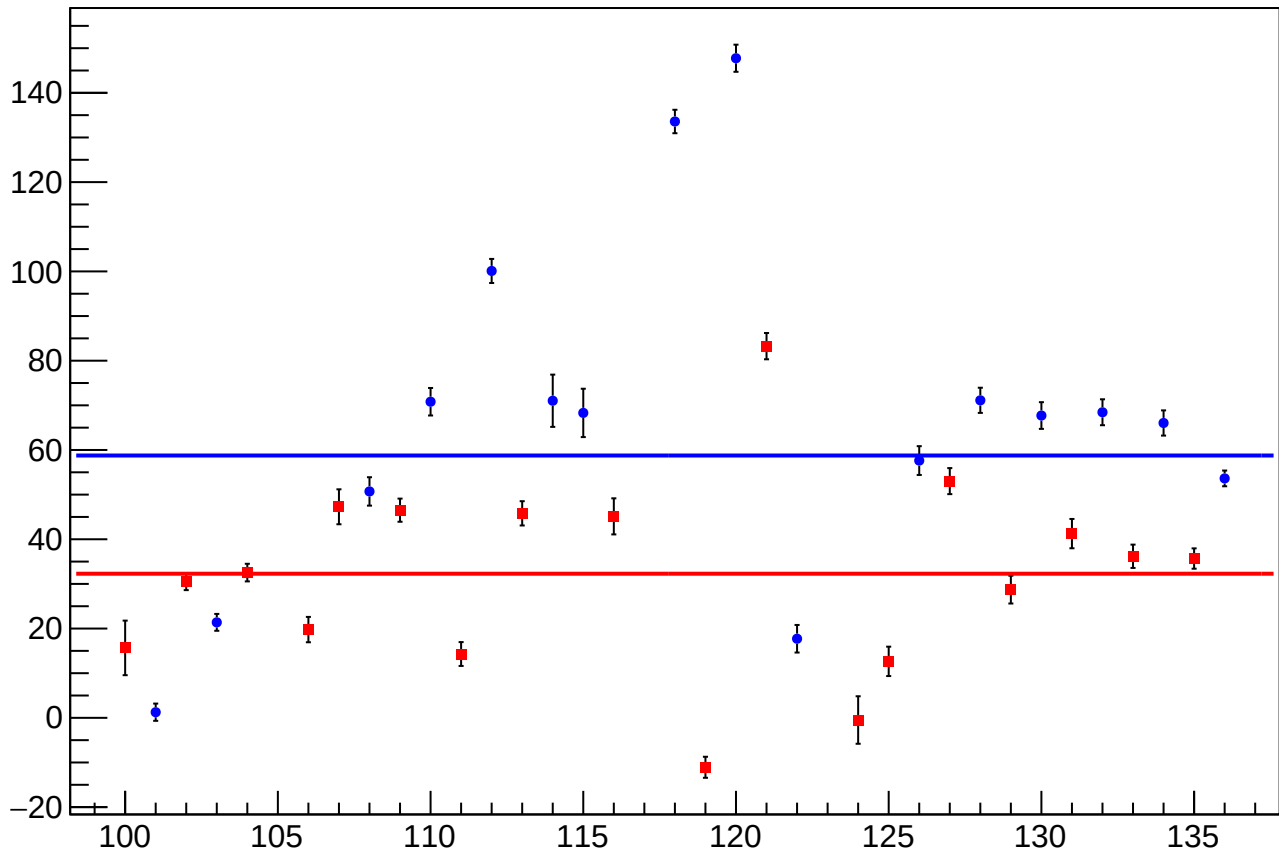
Right: 1607.276+/-0.300 χ^2/NDF : 311313.4/33

In: 1613.094+/-0.426 χ^2/NDF : 154710.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1607.276+/-0.300 χ^2/NDF : 311313.4/33

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: 32.283+/-0.658 χ^2/NDF : 928.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

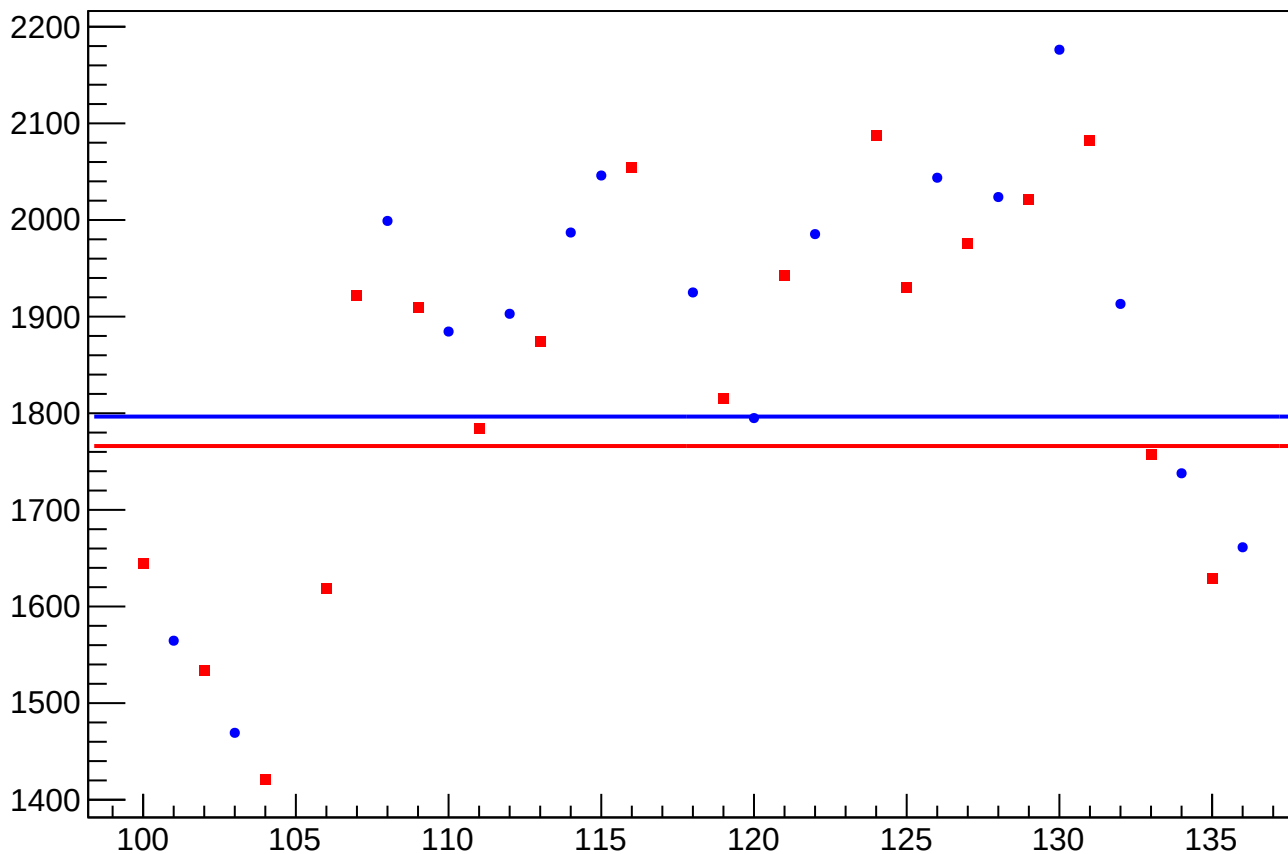
Right: 45.233+/-0.470 χ^2/NDF : 5163.6/33

In: 58.761+/-0.672 χ^2/NDF : 3443.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.233+/-0.470 χ^2/NDF : 5163.6/33

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: 1766.074+/-0.465 χ^2/NDF : 189750.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

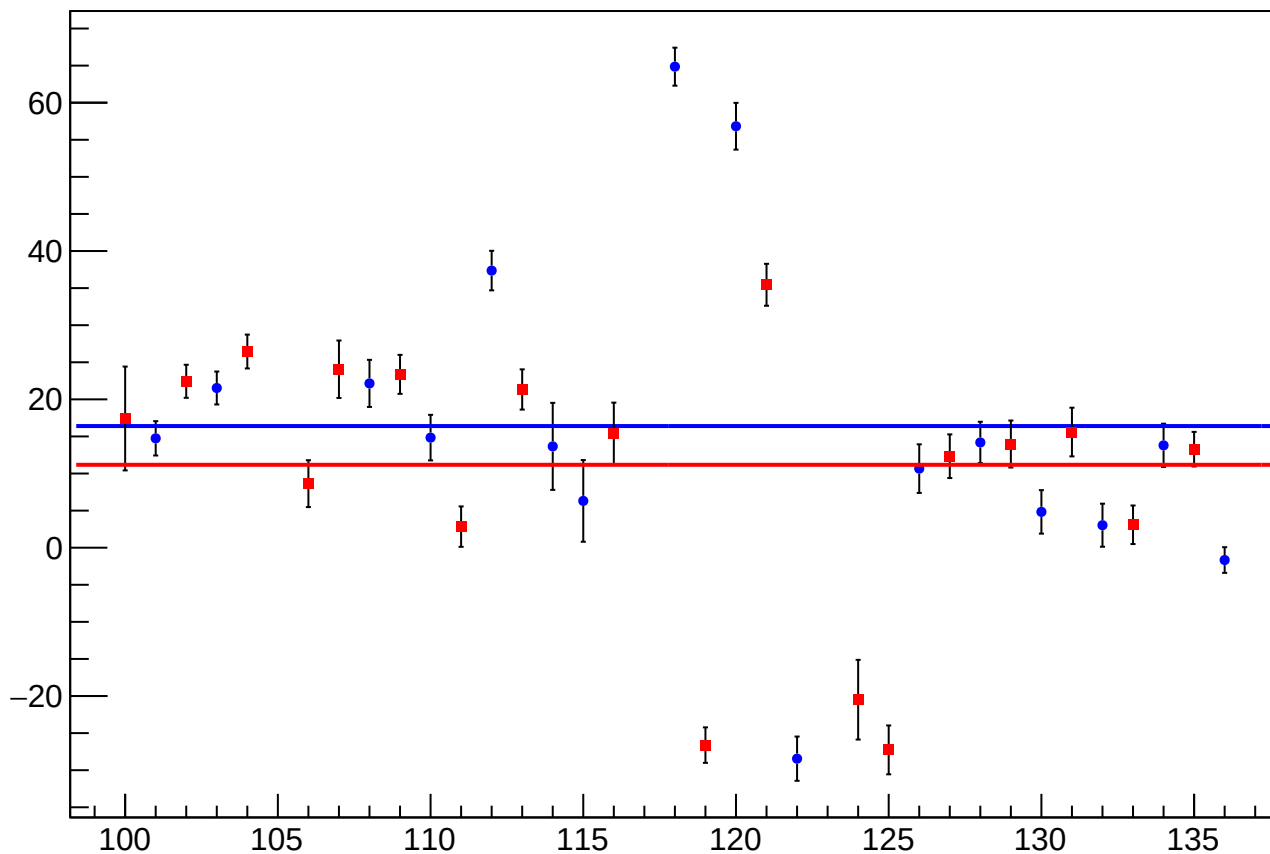
Right: 1780.982+/-0.333 χ^2/NDF : 385021.6/33

In: 1796.555+/-0.475 χ^2/NDF : 193171.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1780.982+/-0.333 χ^2/NDF : 385021.6/33

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: 11.178+/-0.687 χ^2/NDF : 636.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

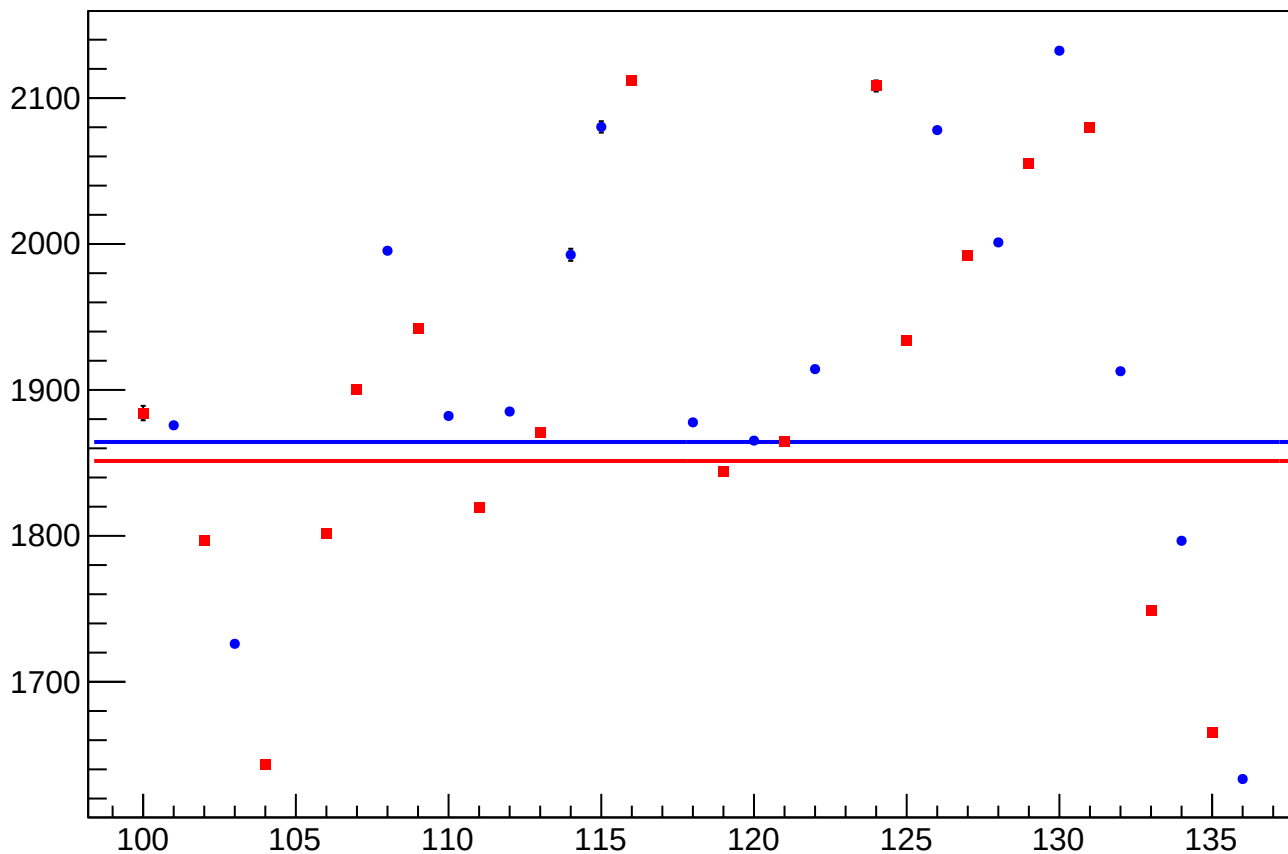
Right: 13.758+/-0.488 χ^2/NDF : 1637.8/33

In: 16.400+/-0.695 χ^2/NDF : 973.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.758+/-0.488 χ^2/NDF : 1637.8/33

diff_bpm0i05Y_rms vs Slug, Sign Corrected



Right In: 1864.335+/-0.491 χ^2/NDF : 83311.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.331+/-0.486 χ^2/NDF : 73650.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

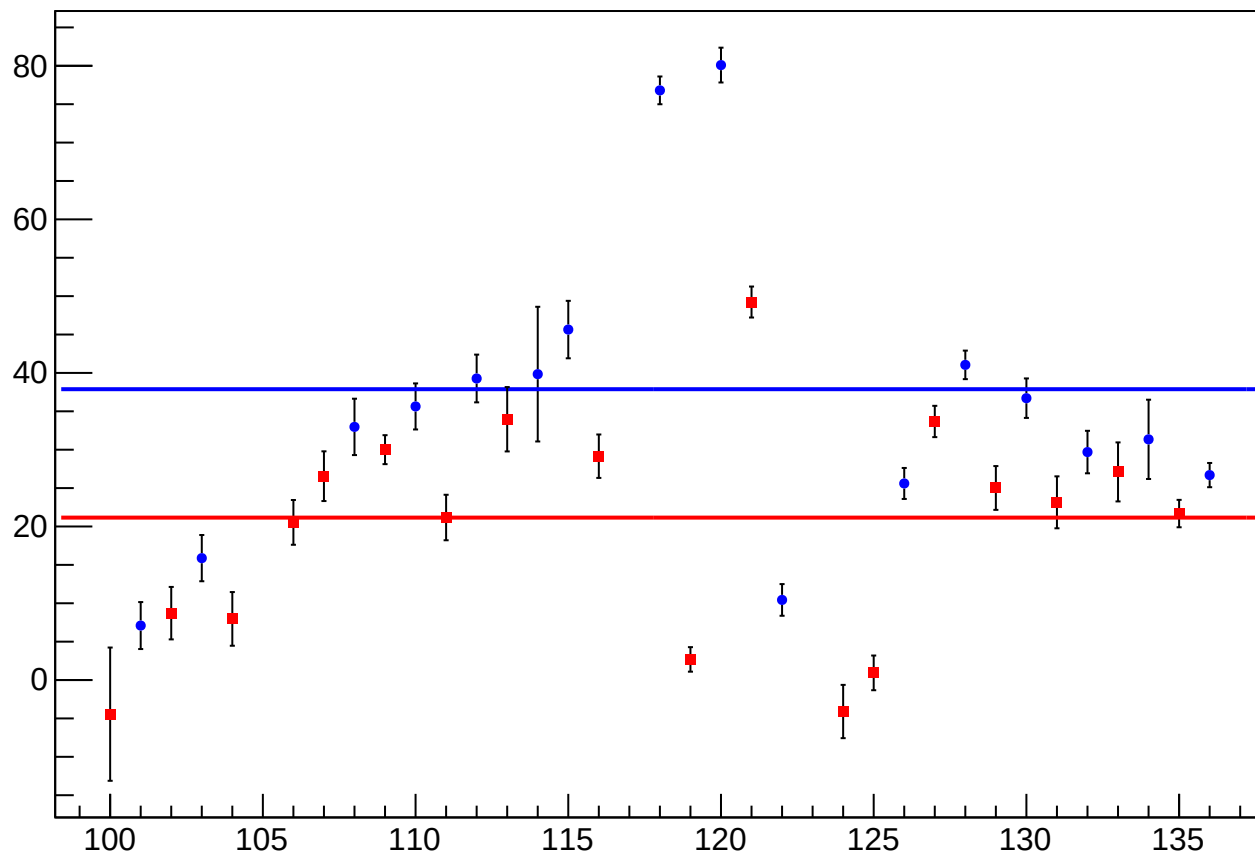
Right: 1857.755+/-0.345 χ^2/NDF : 157316.4/33

In: 1864.335+/-0.491 χ^2/NDF : 83311.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.755+/-0.345 χ^2/NDF : 157316.4/33

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: 21.156 $\pm$ 0.606 χ^2 /NDF: 581.2/17

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

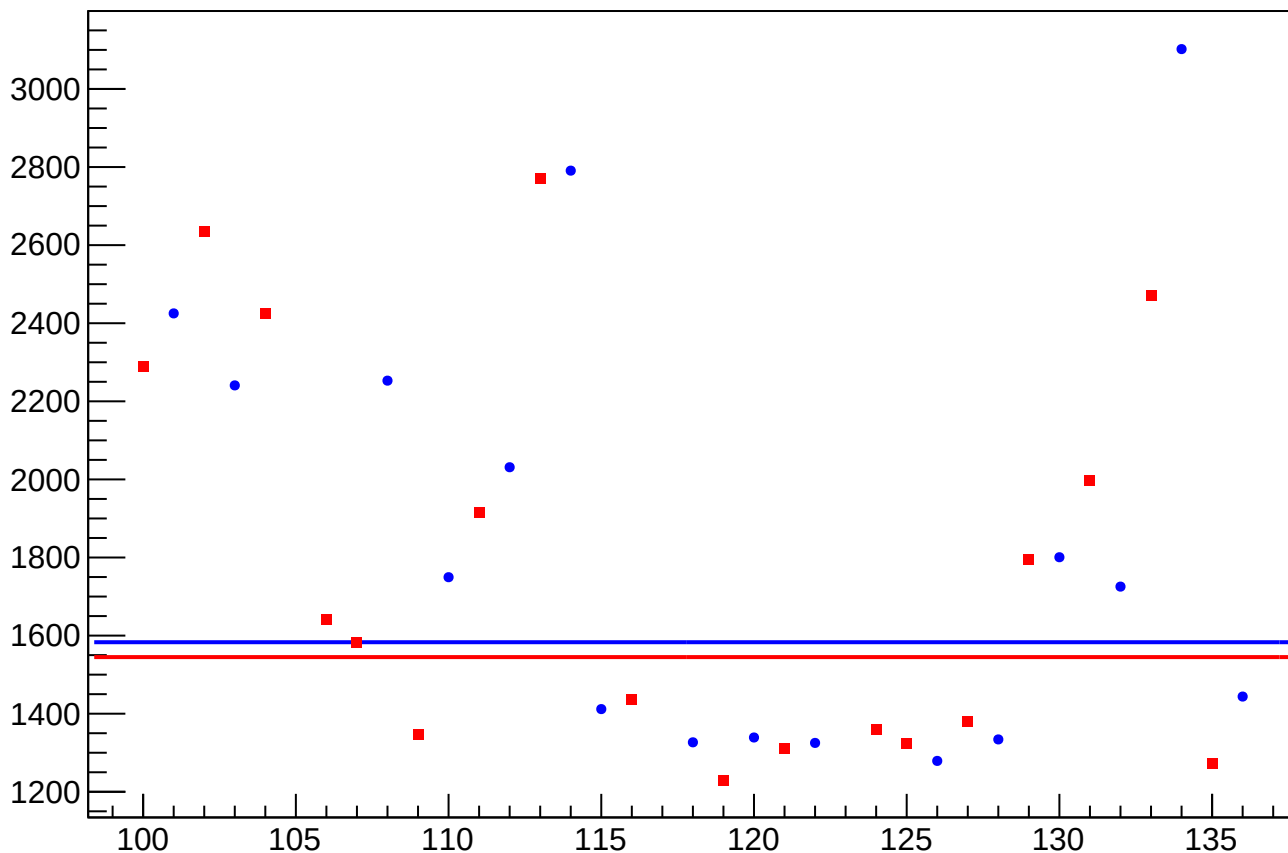
Right: 29.300 $\pm$ 0.434 χ^2 /NDF: 2201.5/33

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: 29.300 $\pm$ 0.434 χ^2 /NDF: 2201.5/33

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: 1544.954+/-0.429 χ^2/NDF : 933556.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

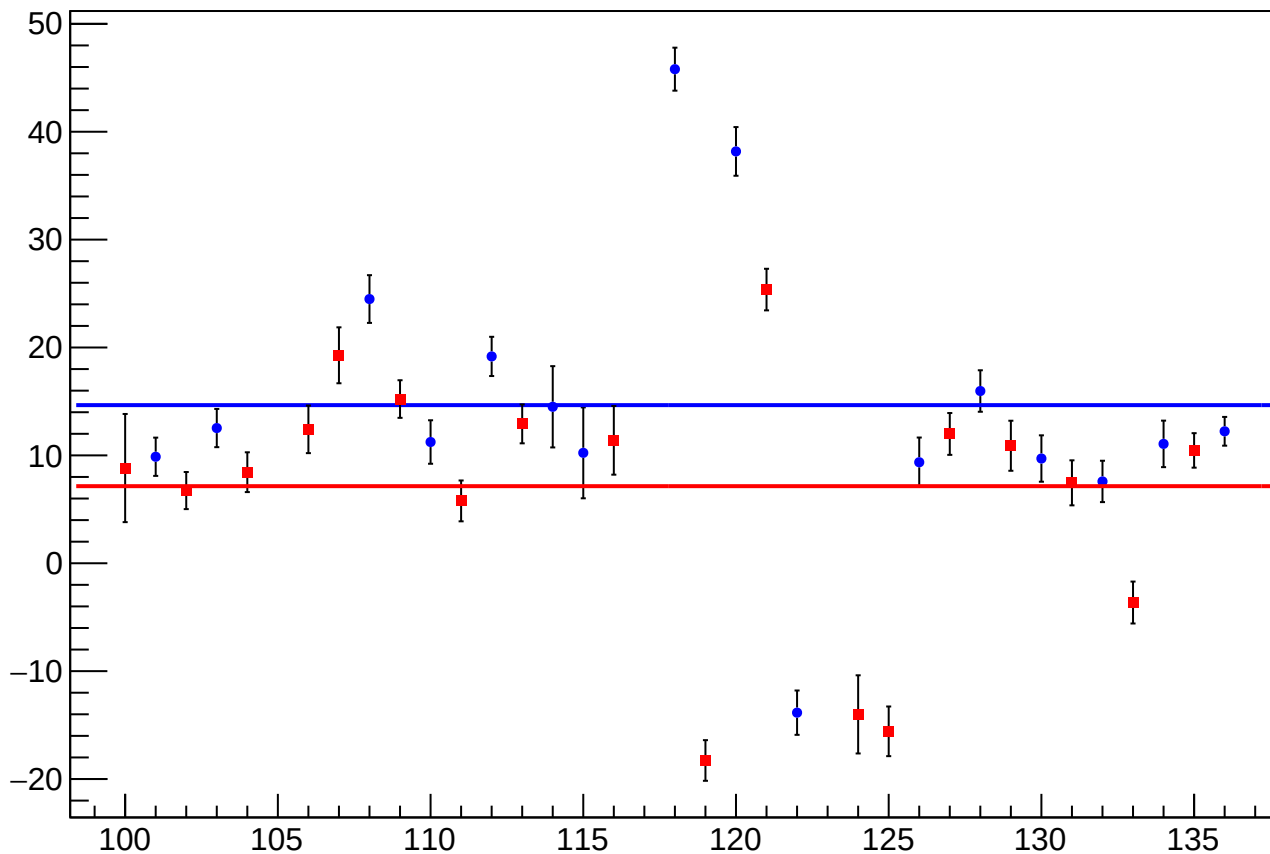
Right: 1563.505+/-0.307 χ^2/NDF : 1725073.7/33

In: 1583.050+/-0.440 χ^2/NDF : 787672.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1563.505+/-0.307 χ^2/NDF : 1725073.7/33

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: 7.146+/-0.488 χ^2/NDF : 509.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

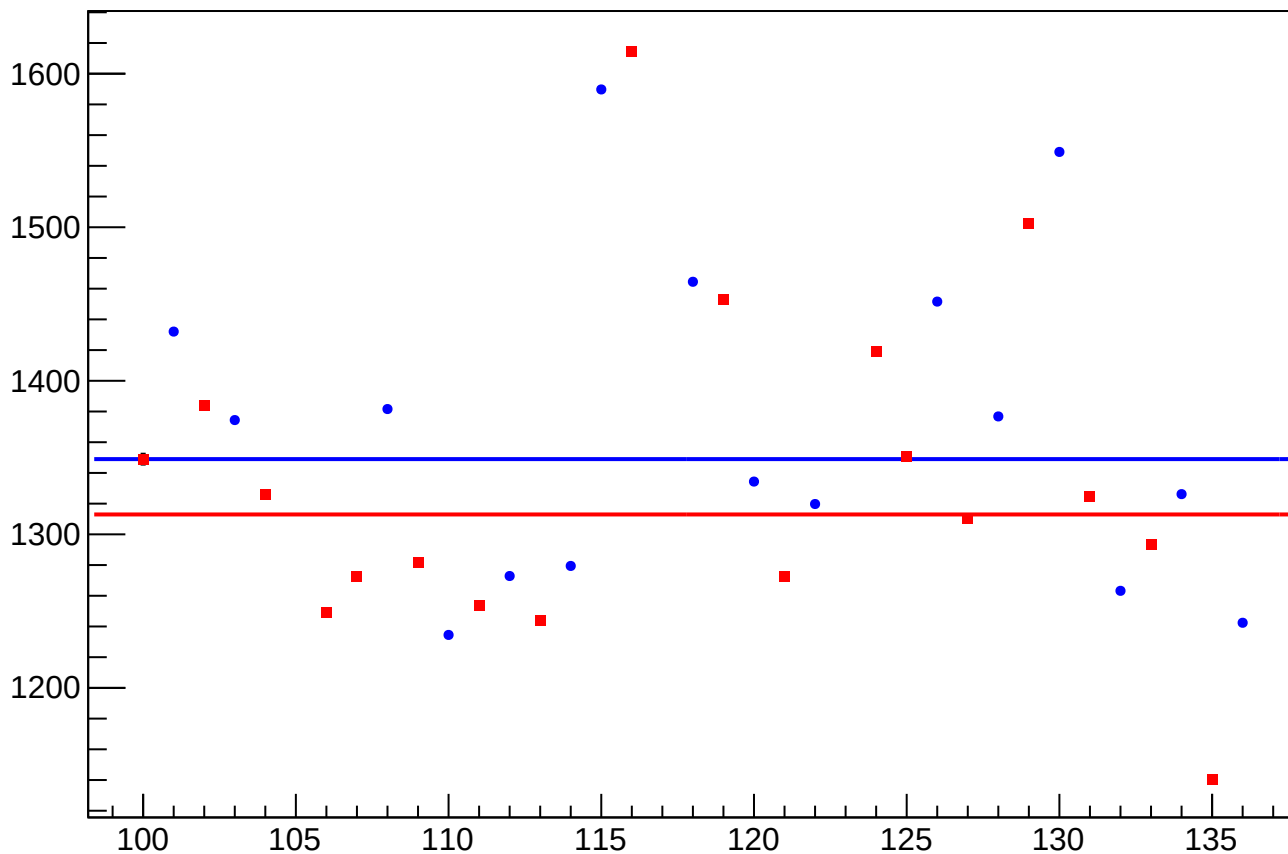
Right: 10.779+/-0.351 χ^2/NDF : 1238.6/33

In: 14.658+/-0.504 χ^2/NDF : 614.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.779+/-0.351 χ^2/NDF : 1238.6/33

diff_bpm0i07Y_rms vs Slug, Sign Corrected



Right In: 1349.000 ± 0.357 χ^2/NDF : 68383.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1312.950 ± 0.345 χ^2/NDF : 80385.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

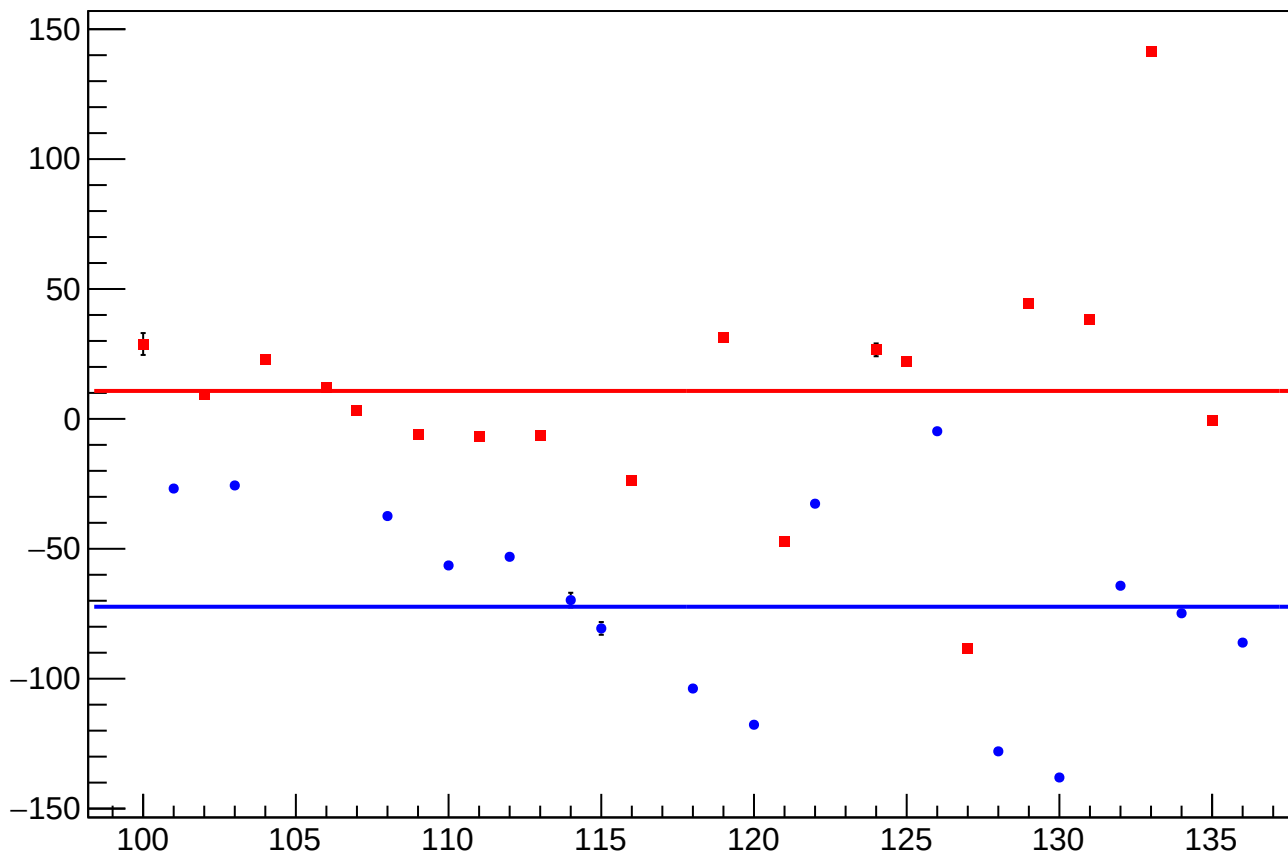
Right: 1330.387 ± 0.248 χ^2/NDF : 154041.7/33

In: 1349.000 ± 0.357 χ^2/NDF : 68383.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1330.387 ± 0.248 χ^2/NDF : 154041.7/33

diff_bpm1i02X_mean vs Slug, Sign Corrected



Right In: -72.304+/-0.349 χ^2/NDF : 12153.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.760+/-0.349 χ^2/NDF : 18945.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

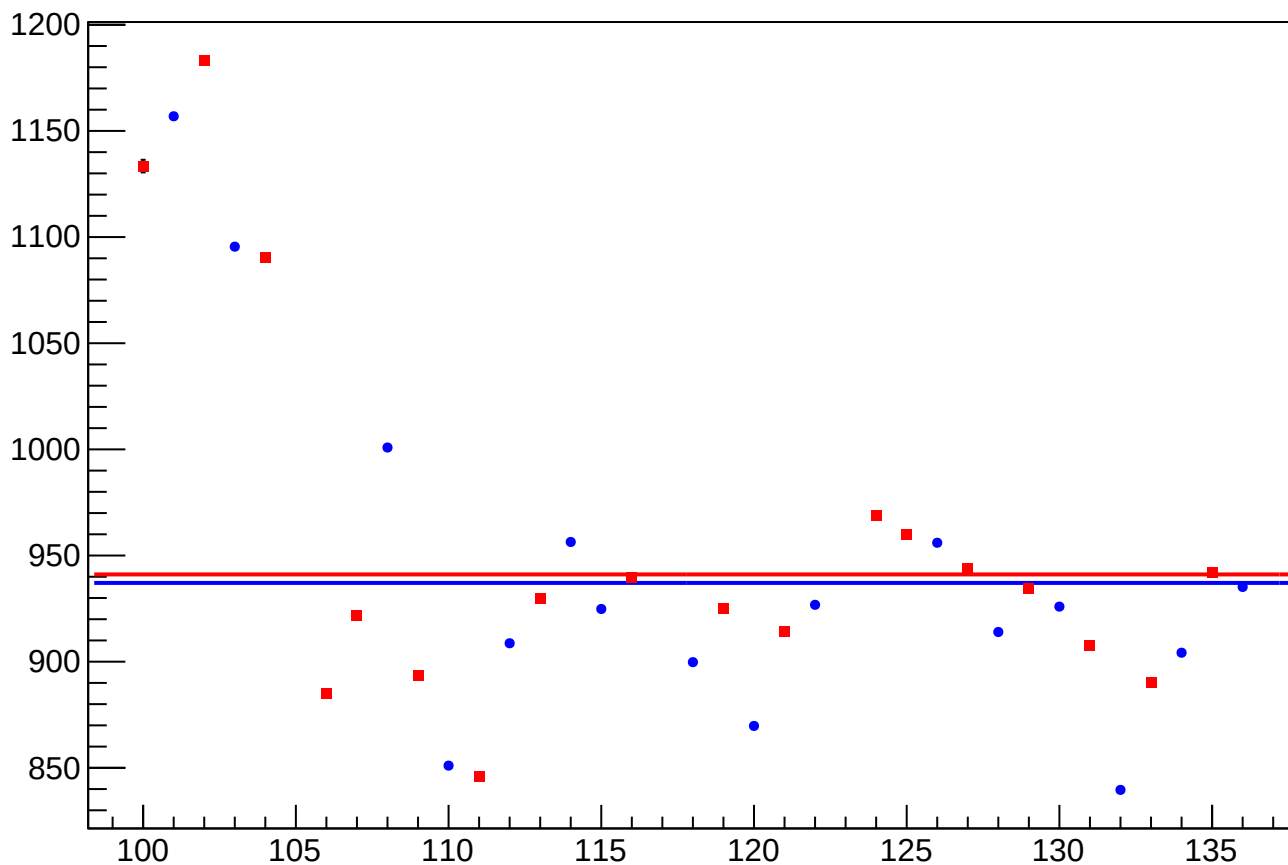
Right: -30.744+/-0.247 χ^2/NDF : 59367.7/33

In: -72.304+/-0.349 χ^2/NDF : 12153.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -30.744+/-0.247 χ^2/NDF : 59367.7/33

diff_bpm1i02X_rms vs Slug, Sign Corrected



Right In: 937.097 $\pm$ 0.247 χ^2 /NDF: 104660.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 941.096 $\pm$ 0.247 χ^2 /NDF: 100999.5/17

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

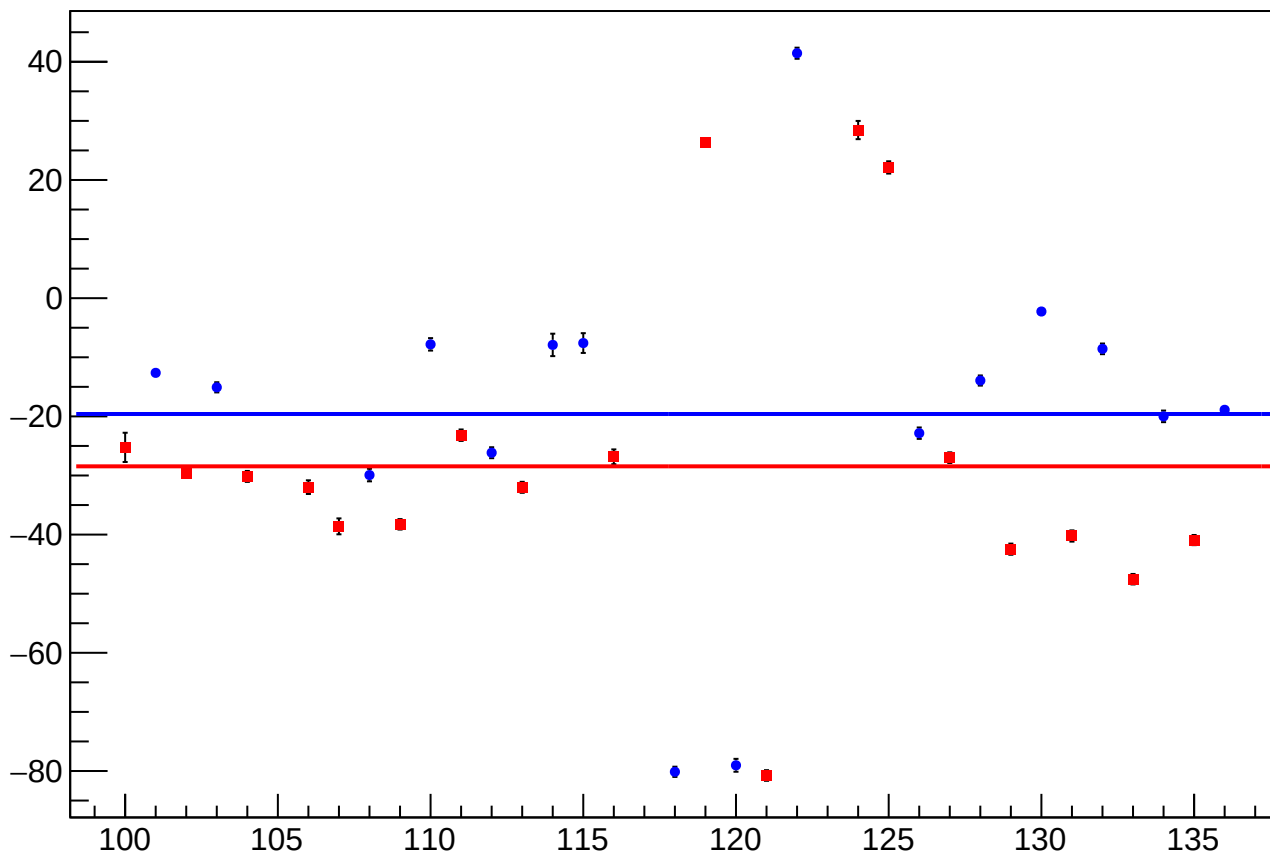
Right: 939.098 $\pm$ 0.175 χ^2 /NDF: 205790.9/33

In: 937.097 $\pm$ 0.247 χ^2 /NDF:104660.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 939.098 $\pm$ 0.175 χ^2 /NDF: 205790.9/33

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: -28.450+/-0.233 χ^2/NDF : 12969.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

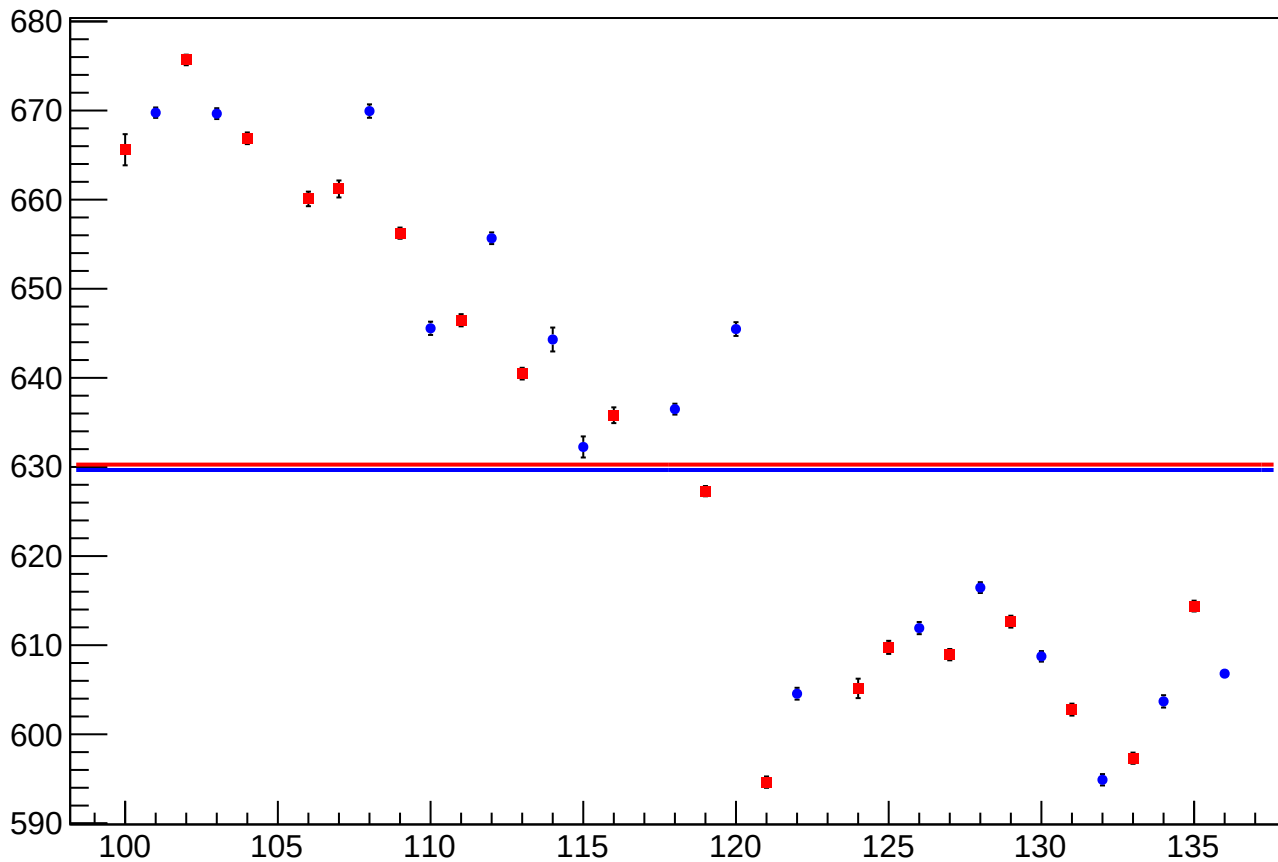
Right: -24.040+/-0.165 χ^2/NDF : 26858.2/33

In: -19.597+/-0.234 χ^2/NDF : 13170.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.040+/-0.165 χ^2/NDF : 26858.2/33

diff_bpm1i02Y_rms vs Slug, Sign Corrected



Right In: 629.660+/-0.166 χ^2/NDF : 25315.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 630.266+/-0.165 χ^2/NDF : 25777.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

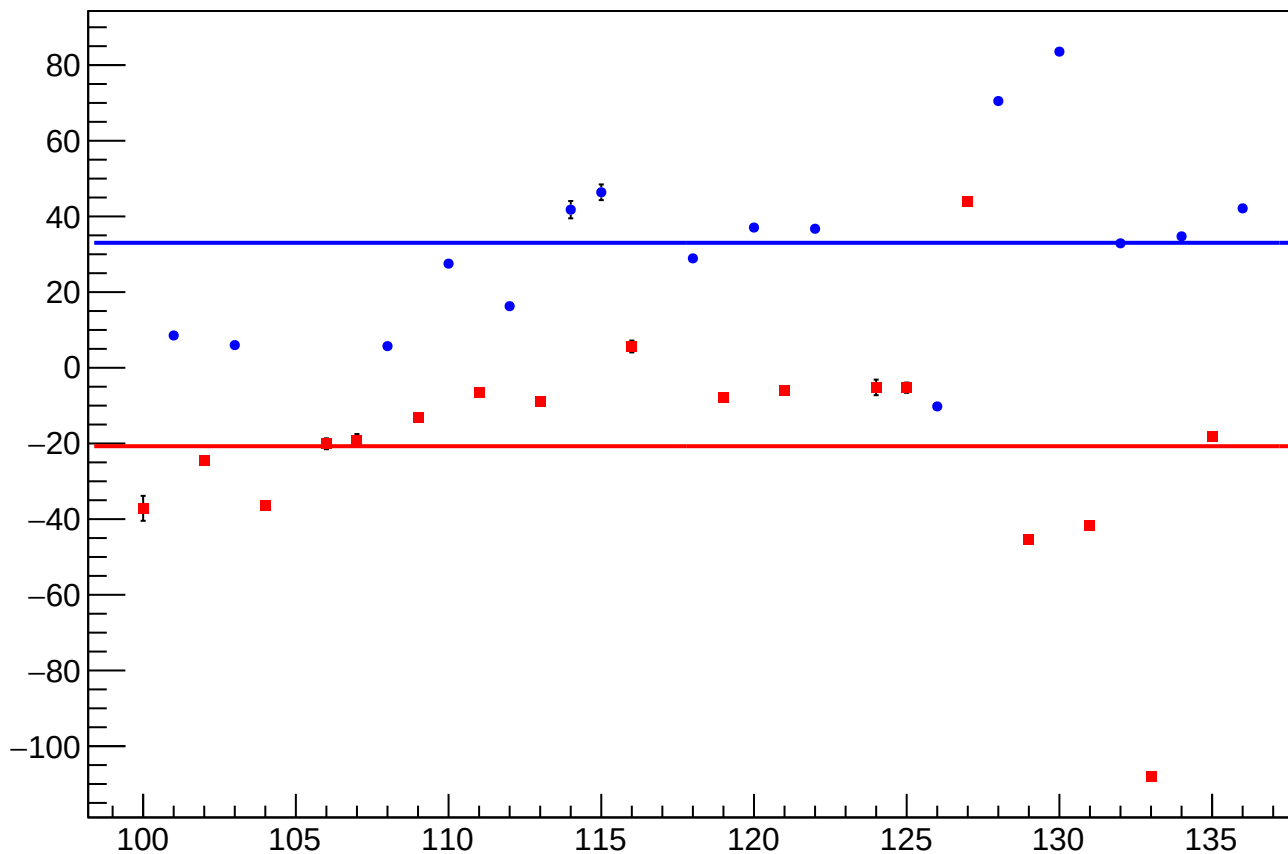
Right: 629.964+/-0.117 χ^2/NDF : 51099.6/33

In: 629.660+/-0.166 χ^2/NDF : 25315.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 629.964+/-0.117 χ^2/NDF : 51099.6/33

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: -20.724+/-0.290 χ^2/NDF : 11767.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

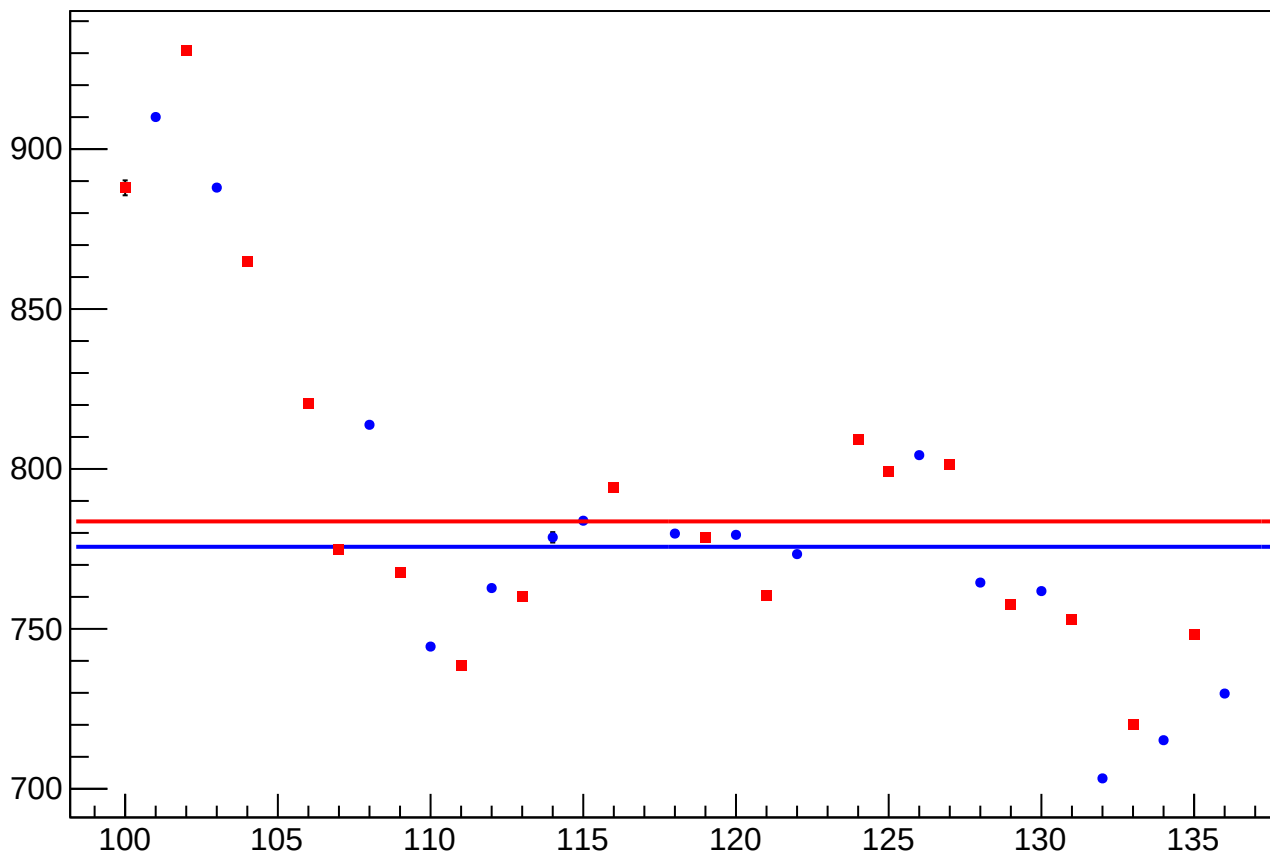
Right: 6.289+/-0.205 χ^2/NDF : 35692.2/33

In: 33.033+/-0.289 χ^2/NDF : 6700.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.289+/-0.205 χ^2/NDF : 35692.2/33

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: 783.600 $\pm$ 0.205 χ^2 /NDF: 63348.6/17

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

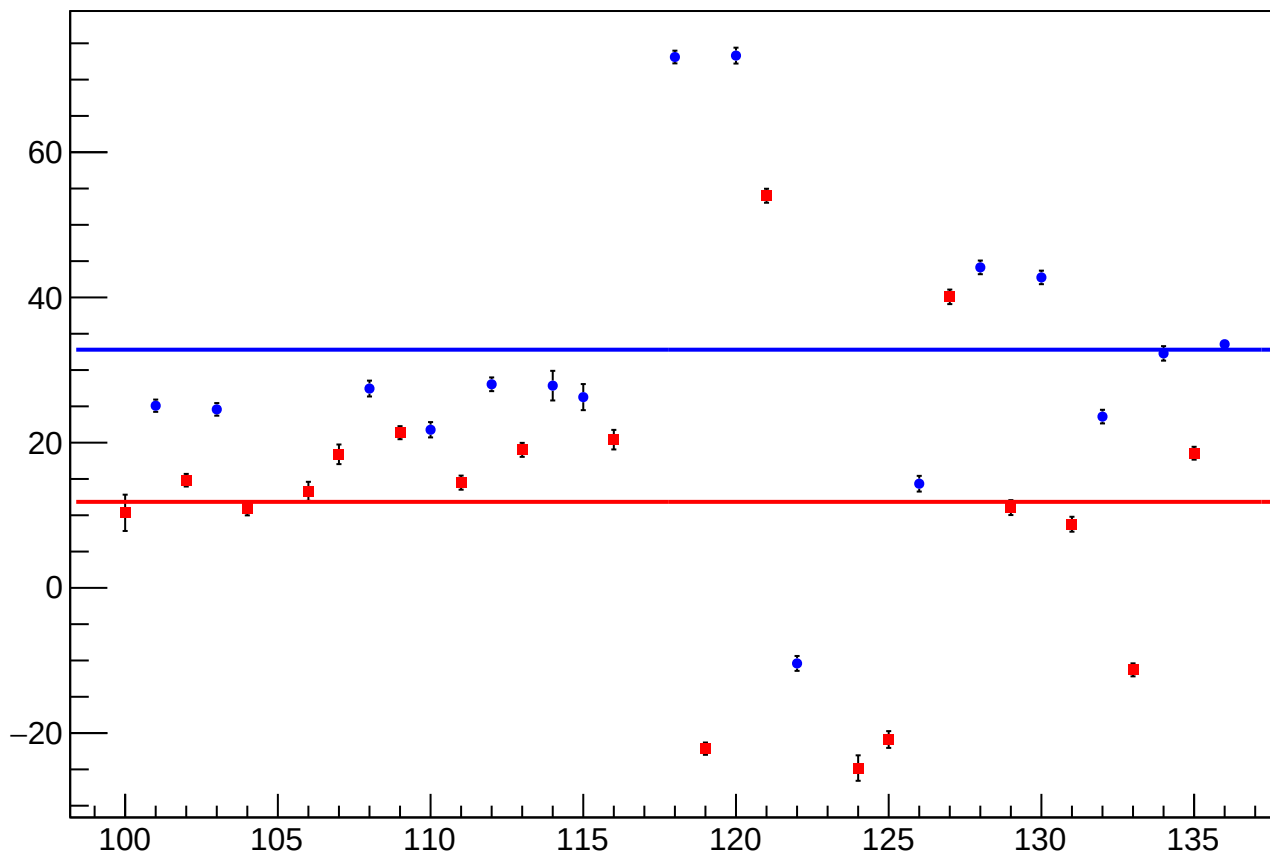
Right: 779.612 $\pm$ 0.145 χ^2 /NDF: 138759.5/33

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: 779.612 $\pm$ 0.145 χ^2 /NDF: 138759.5/33

diff_bpm1i04Y_mean vs Slug, Sign Corrected



Right In: 32.804+/-0.244 χ^2/NDF : 6259.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.846+/-0.245 χ^2/NDF : 6548.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

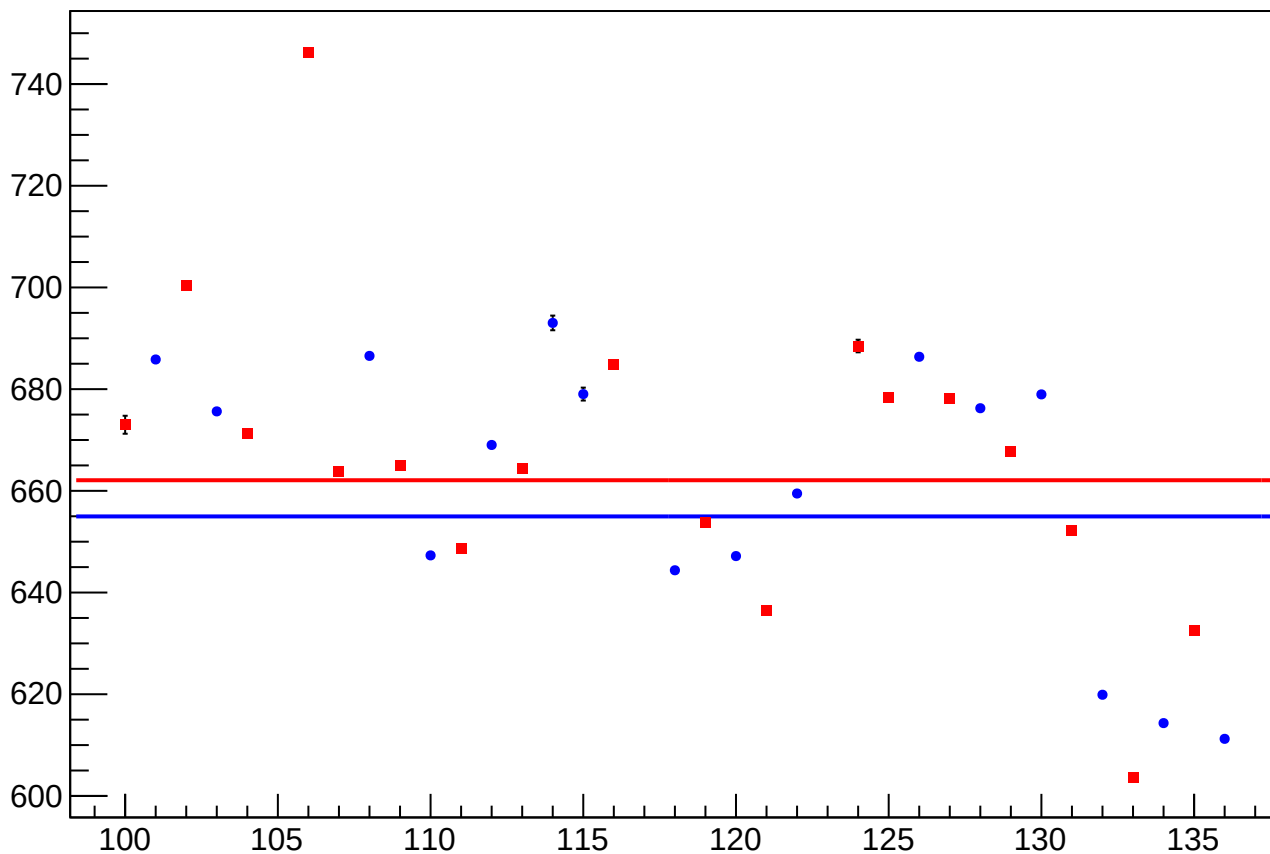
Right: 22.391+/-0.173 χ^2/NDF : 16487.5/33

In: 32.804+/-0.244 χ^2/NDF : 6259.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.391+/-0.173 χ^2/NDF : 16487.5/33

diff_bpm1i04Y_rms vs Slug, Sign Corrected



Right In: 654.970 $\pm$ 0.172 χ^2 /NDF: 26744.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 662.087 $\pm$ 0.173 χ^2 /NDF: 27287.6/17

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

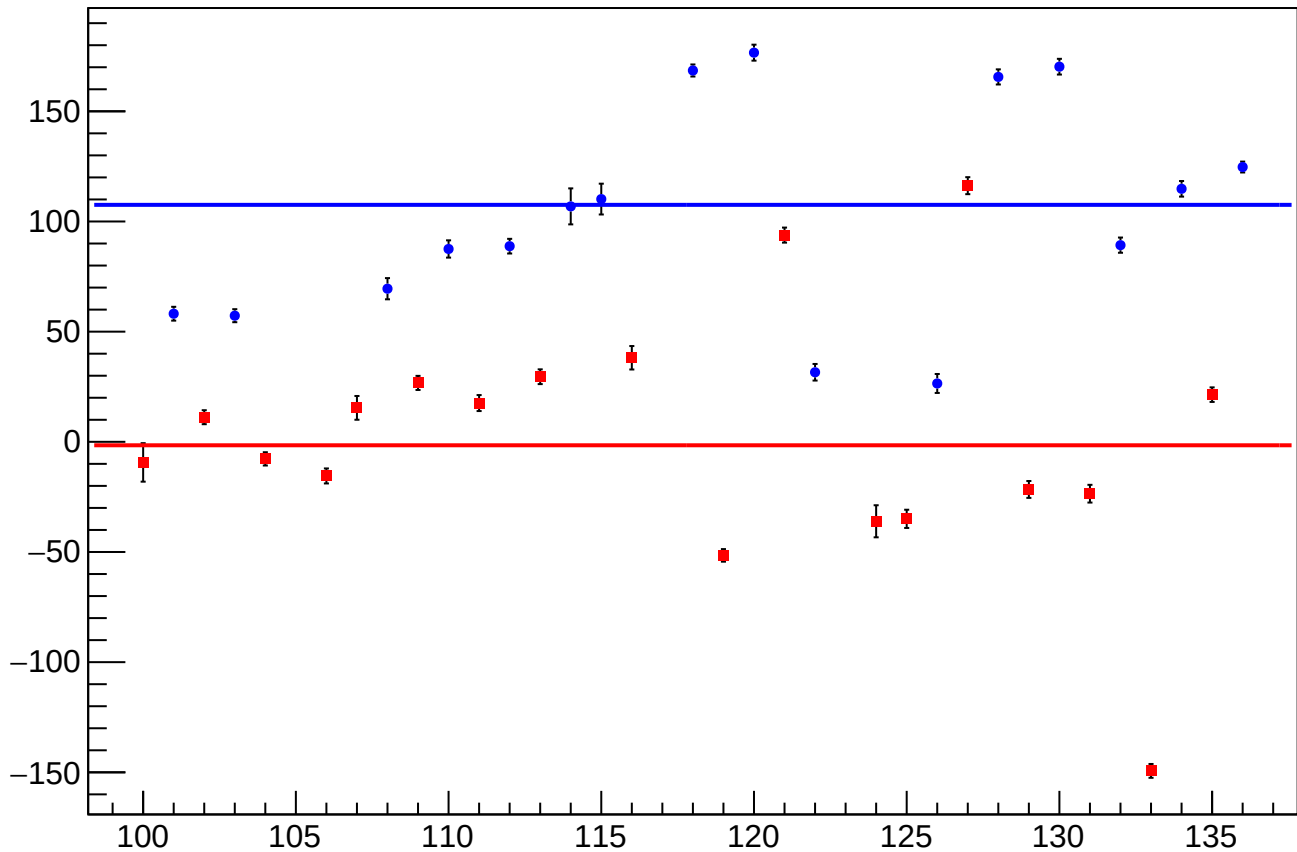
Right: 658.506 $\pm$ 0.122 χ^2 /NDF: 54880.6/33

In: 654.970 $\pm$ 0.172 χ^2 /NDF:26744.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 658.506 $\pm$ 0.122 χ^2 /NDF: 54880.6/33

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: -1.570 $\pm$ 0.871 χ^2 /NDF: 4729.6/17

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

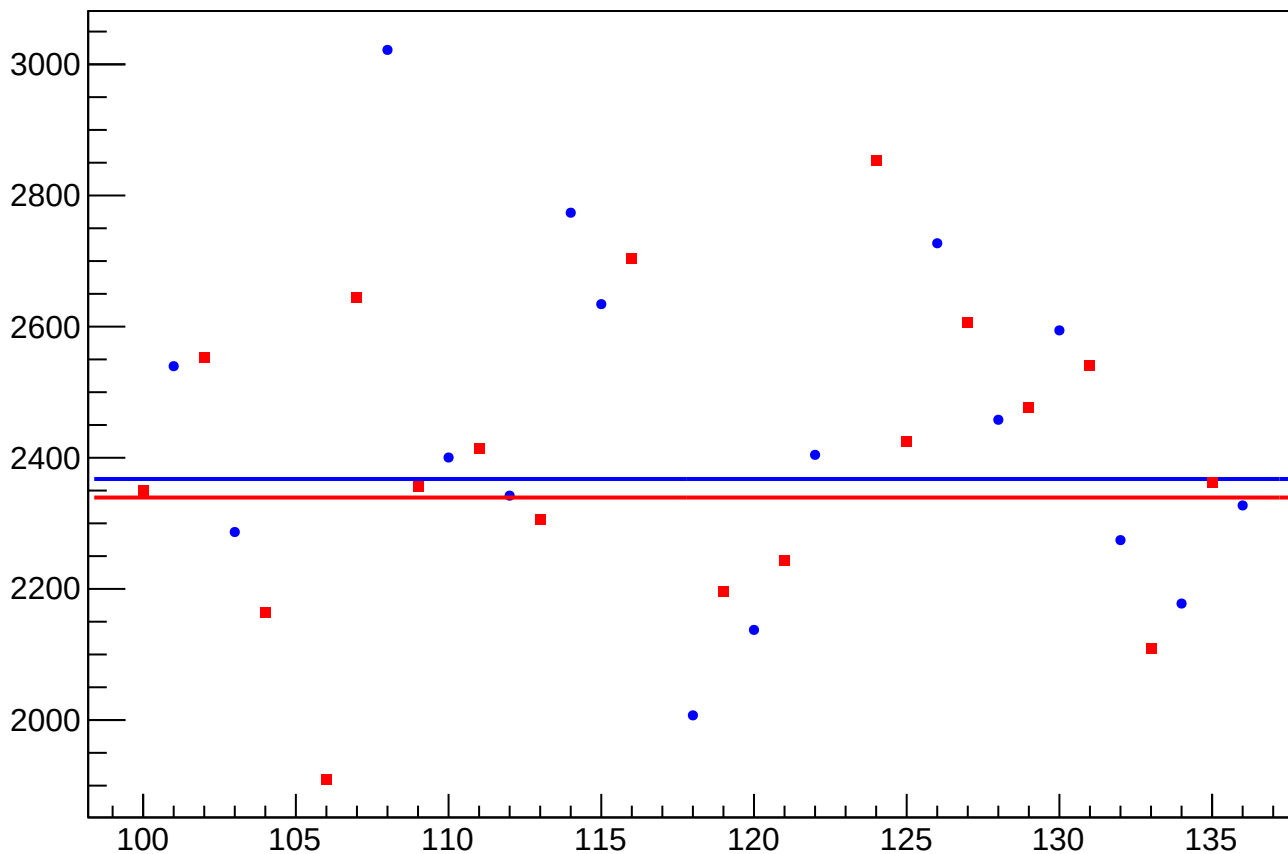
Right: 52.107 $\pm$ 0.621 χ^2 /NDF: 15403.6/33

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: 52.107 $\pm$ 0.621 χ^2 /NDF: 15403.6/33

diff_bpm1i06X_rms vs Slug, Sign Corrected



Right In: 2367.633 $\pm$ 0.626 χ^2 /NDF: 126764.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2339.356 $\pm$ 0.616 χ^2 /NDF: 110157.8/17

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

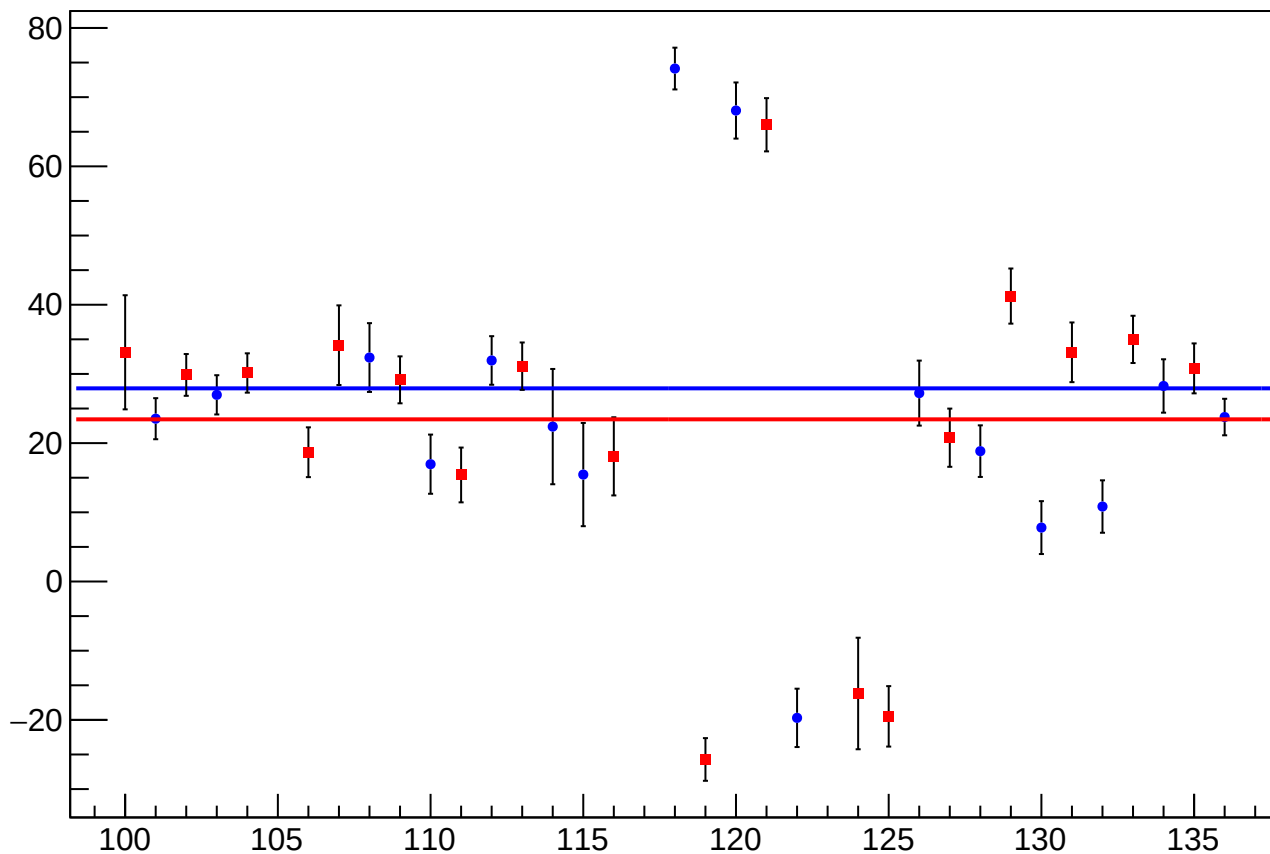
Right: 2353.266 $\pm$ 0.439 χ^2 /NDF: 237958.5/33

In: 2367.633 $\pm$ 0.626 χ^2 /NDF:126764.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 2353.266 $\pm$ 0.439 χ^2 /NDF: 237958.5/33

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: 23.438+/-0.913 χ^2/NDF : 567.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

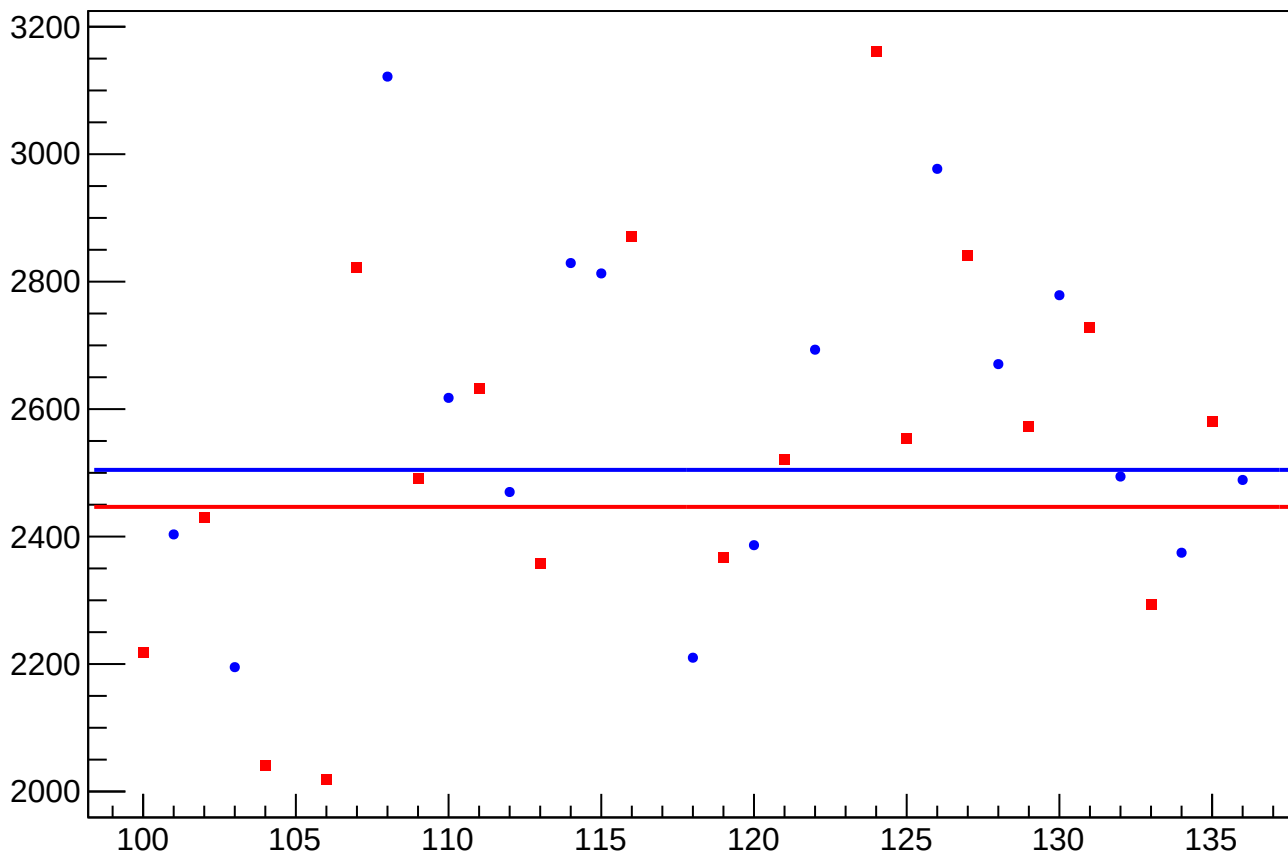
Right: 25.620+/-0.654 χ^2/NDF : 1110.3/33

In: 27.916+/-0.937 χ^2/NDF : 530.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.620+/-0.654 χ^2/NDF : 1110.3/33

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: 2446.580+/-0.646 χ^2/NDF : 150309.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

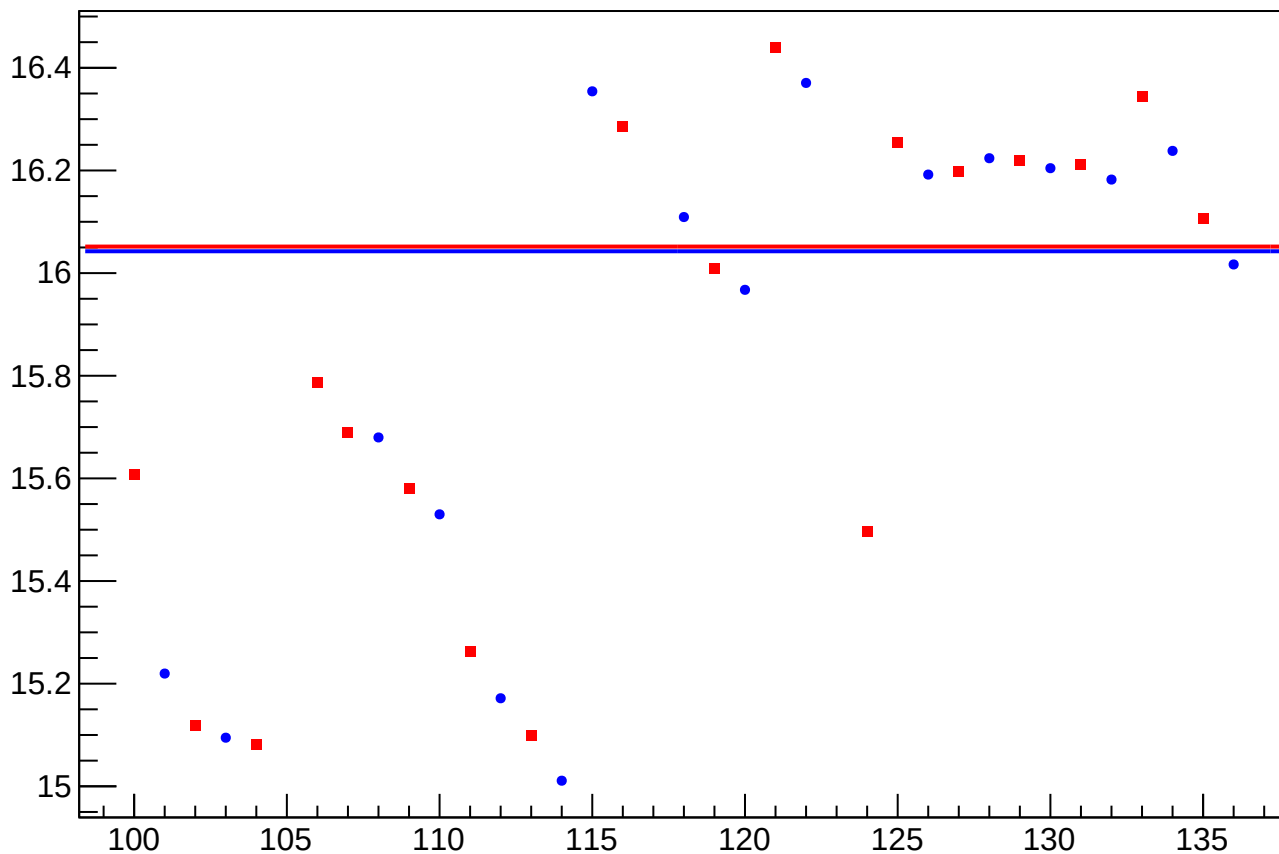
Right: 2474.877+/-0.462 χ^2/NDF : 280850.2/33

In: 2504.654+/-0.662 χ^2/NDF : 126599.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2474.877+/-0.462 χ^2/NDF : 280850.2/33

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: 16.052+/-0.000 χ^2/NDF : 3542516635.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

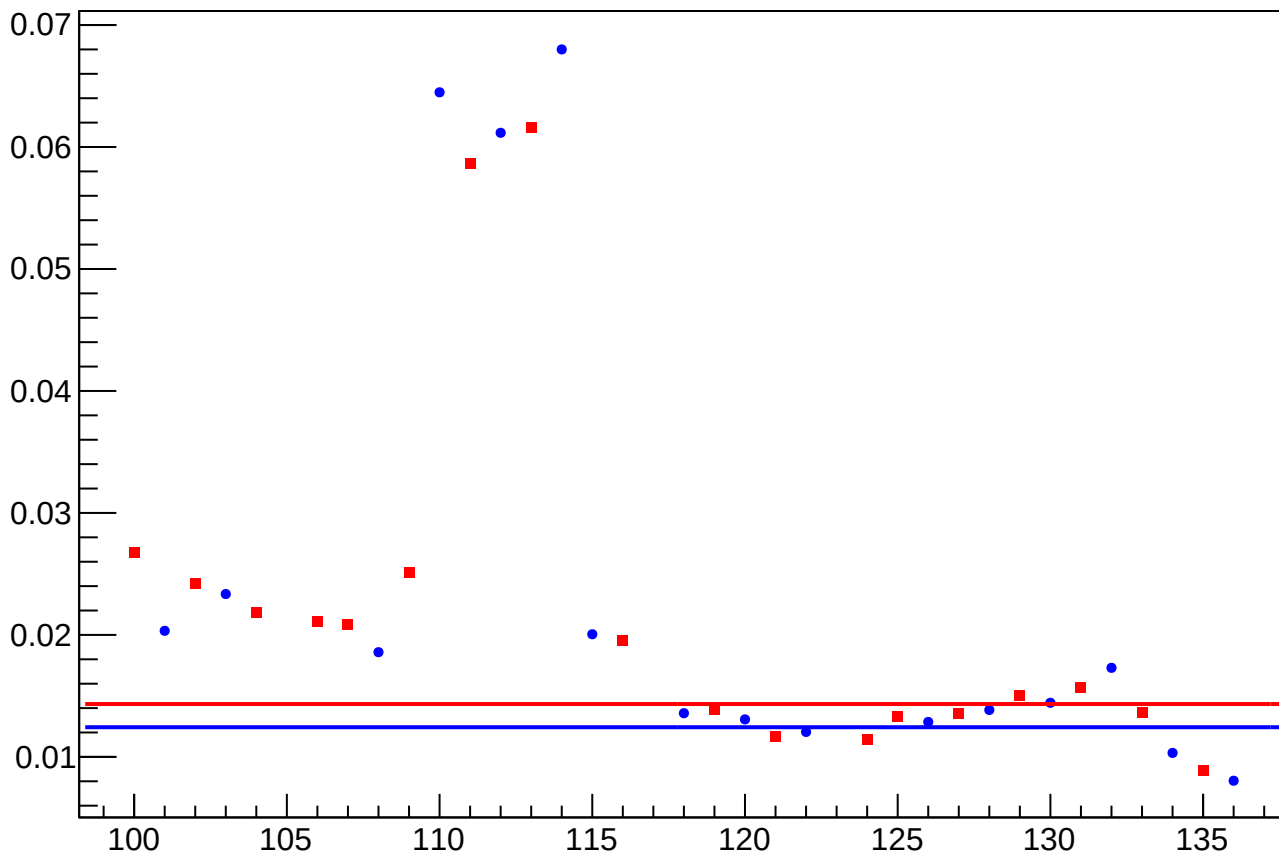
Right: 16.047+/-0.000 χ^2/NDF : 6384350519.3/33

In: 16.043+/-0.000 χ^2/NDF : 2840540588.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.047+/-0.000 χ^2/NDF : 6384350519.3/33

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 : 2032992.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

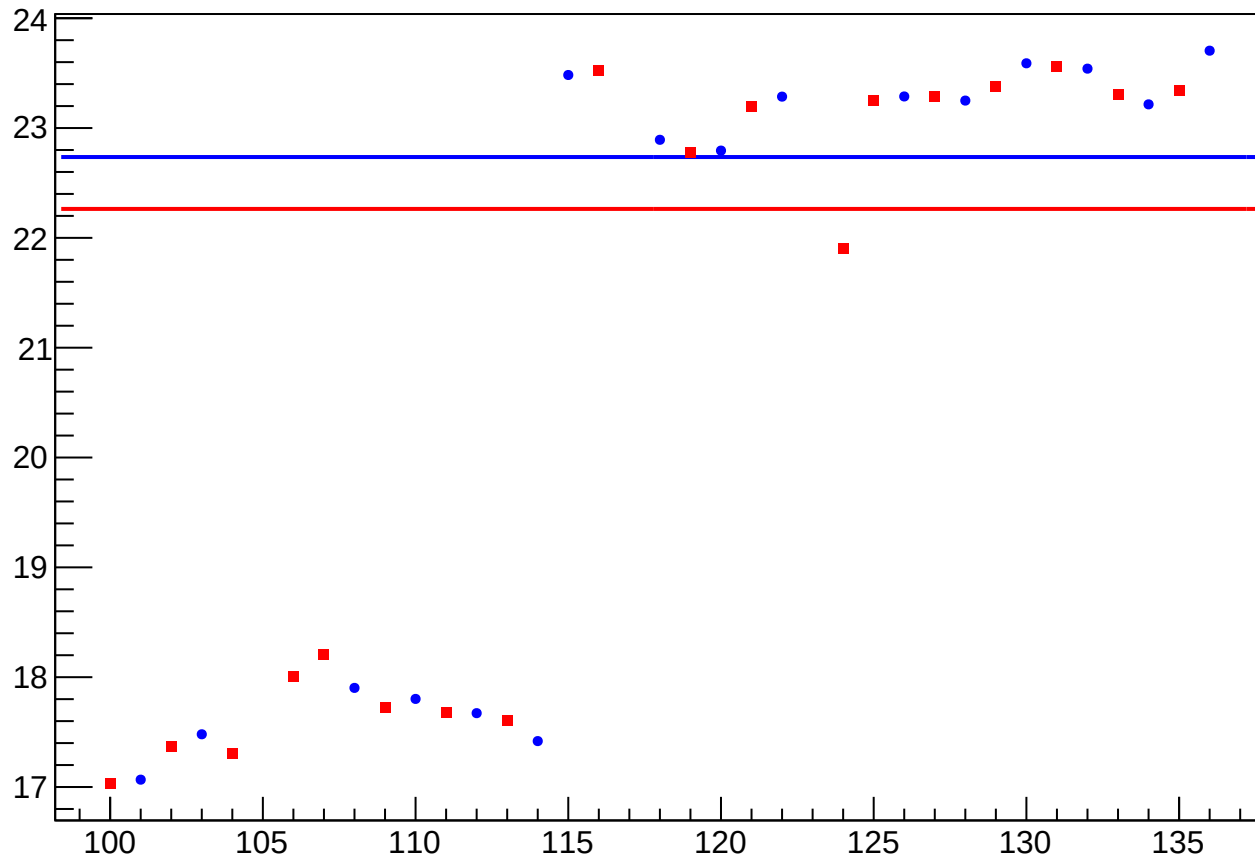
Right: 0.013+/-0.000 χ^2/NDF : 4461504.0/33

In: 0.012+/-0.000 χ^2/NDF :2316842.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

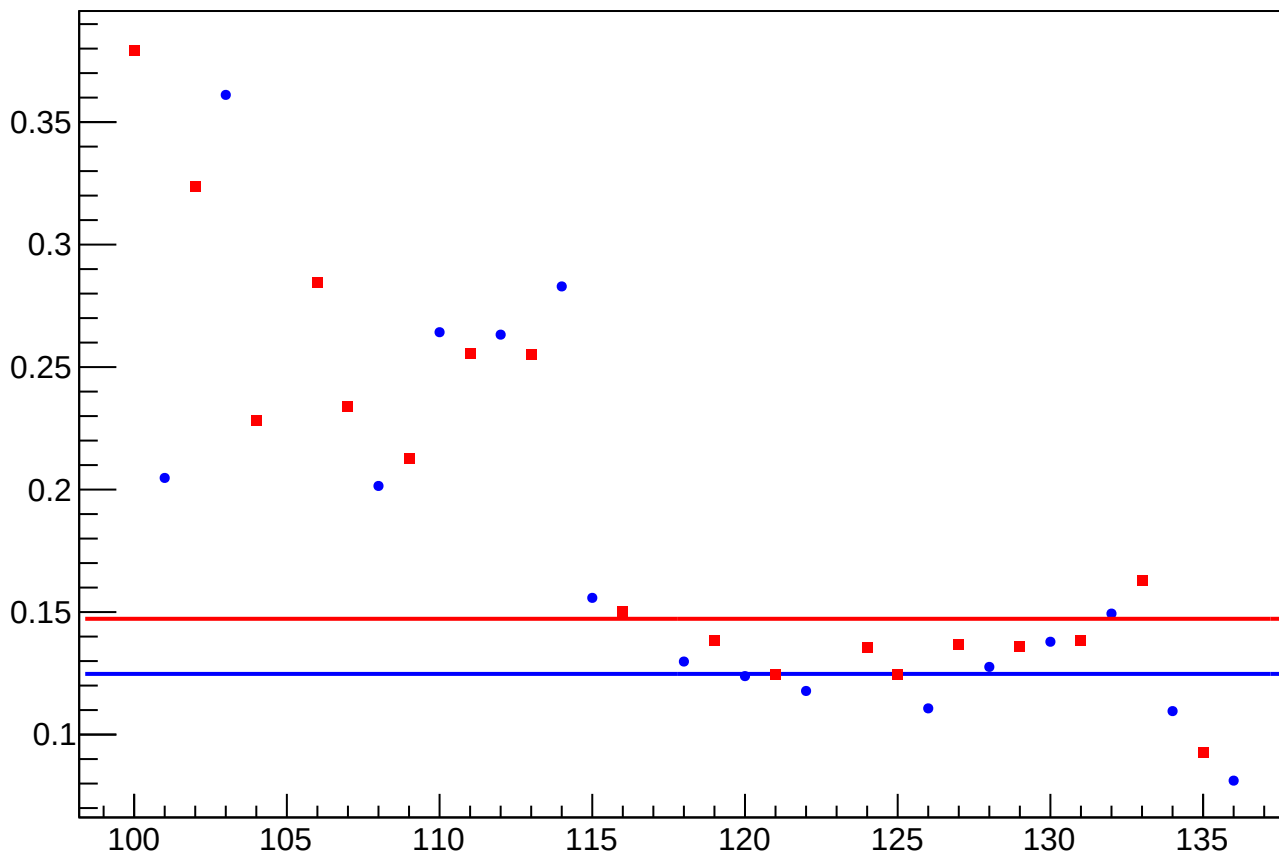
All: 0.013+/-0.000 χ^2/NDF : 4461504.0/33

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: 22.264+/-0.000 χ^2/NDF : 1171046536.2/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 22.533+/-0.000 χ^2/NDF : 2424755241.1/33

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: 0.147+/-0.000

χ^2/NDF : 1460867.3/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.134+/-0.000

χ^2/NDF : 3360277.3/33

In: 0.125+/-0.000

χ^2/NDF : 1749818.7/15

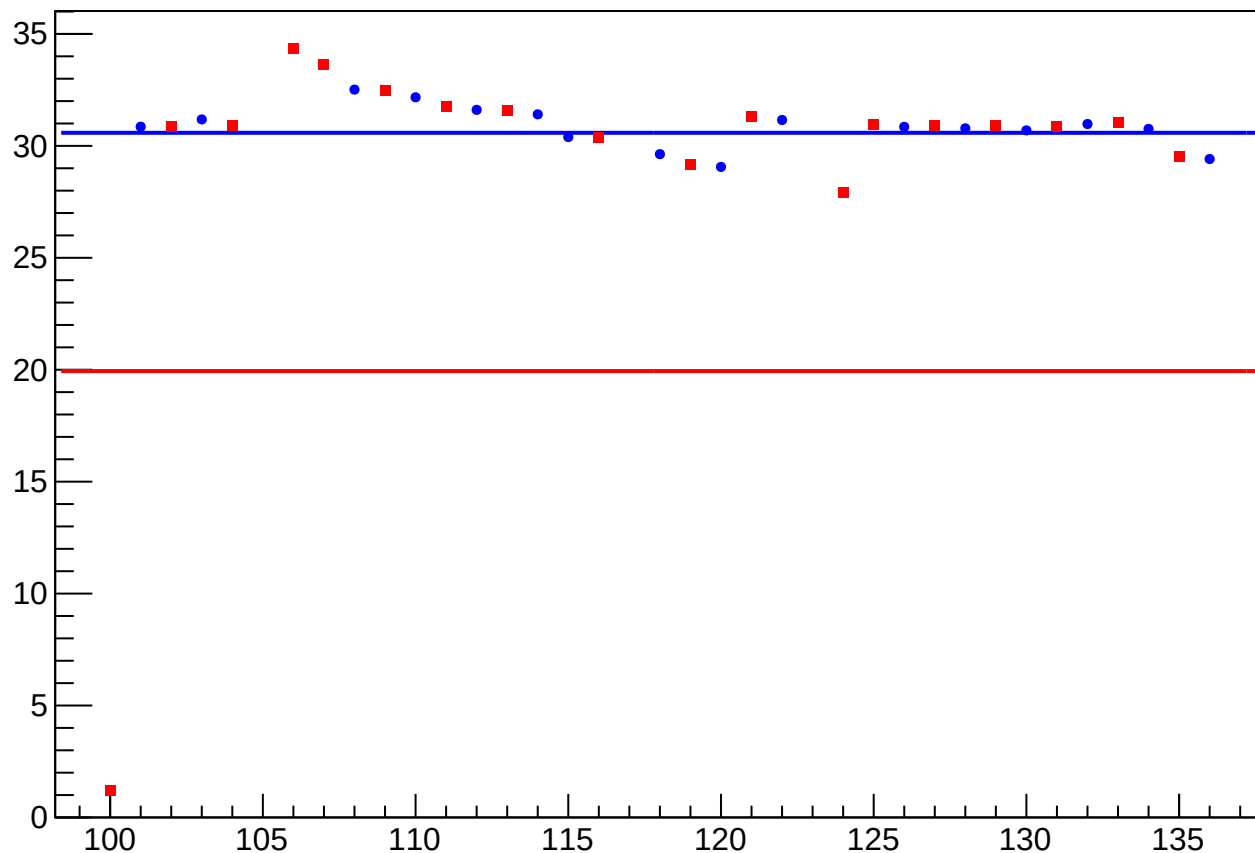
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.134+/-0.000

χ^2/NDF : 3360277.3/33

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: 19.941+/-0.000 χ^2/NDF : 218457865855.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

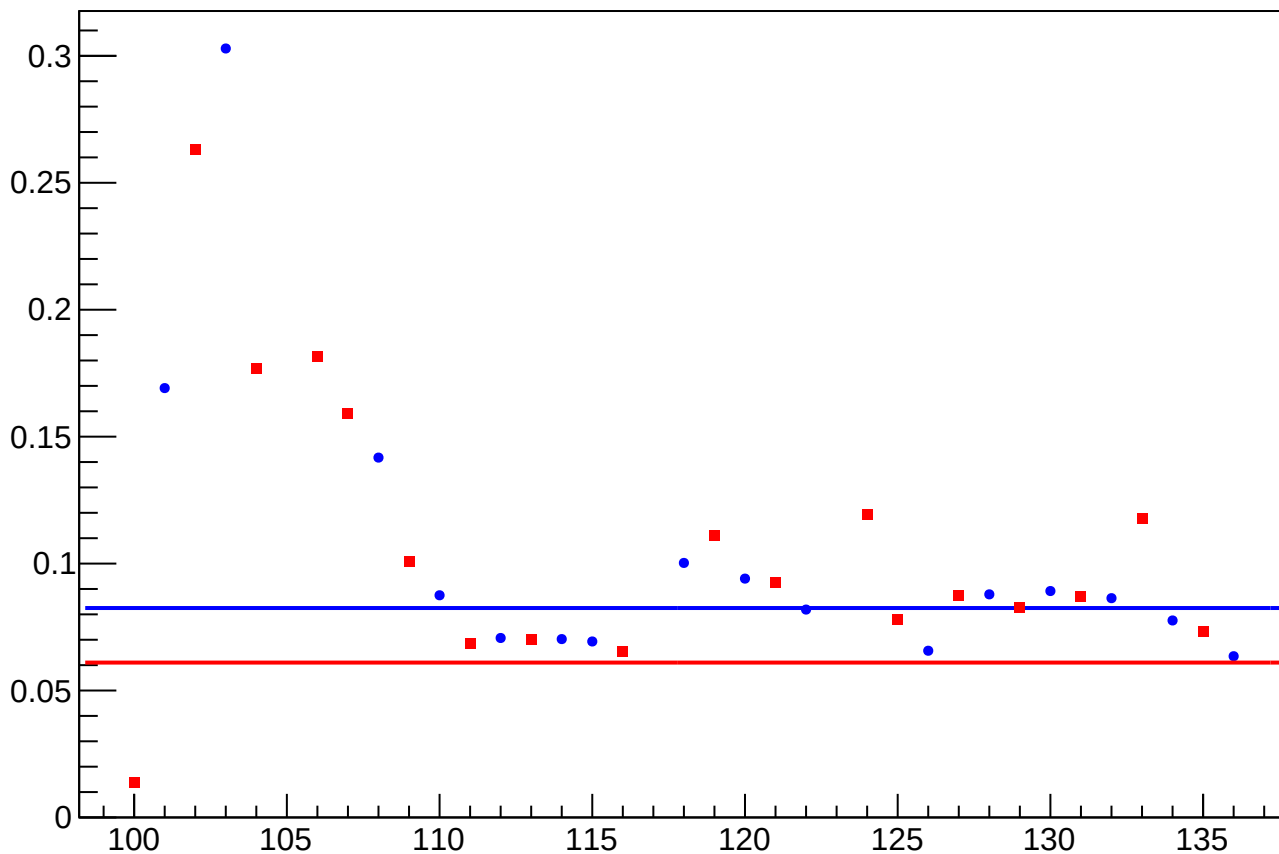
Right: 24.444+/-0.000 χ^2/NDF : 269689333589.0/33

In: 30.585+/-0.000 χ^2/NDF :652266844.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.444+/-0.000 χ^2/NDF : 269689333589.0/33

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 : 4009693.0/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.070+/-0.000

χ^2/NDF : 5683601.9/33

In: 0.082+/-0.000

χ^2/NDF : 1261492.7/15

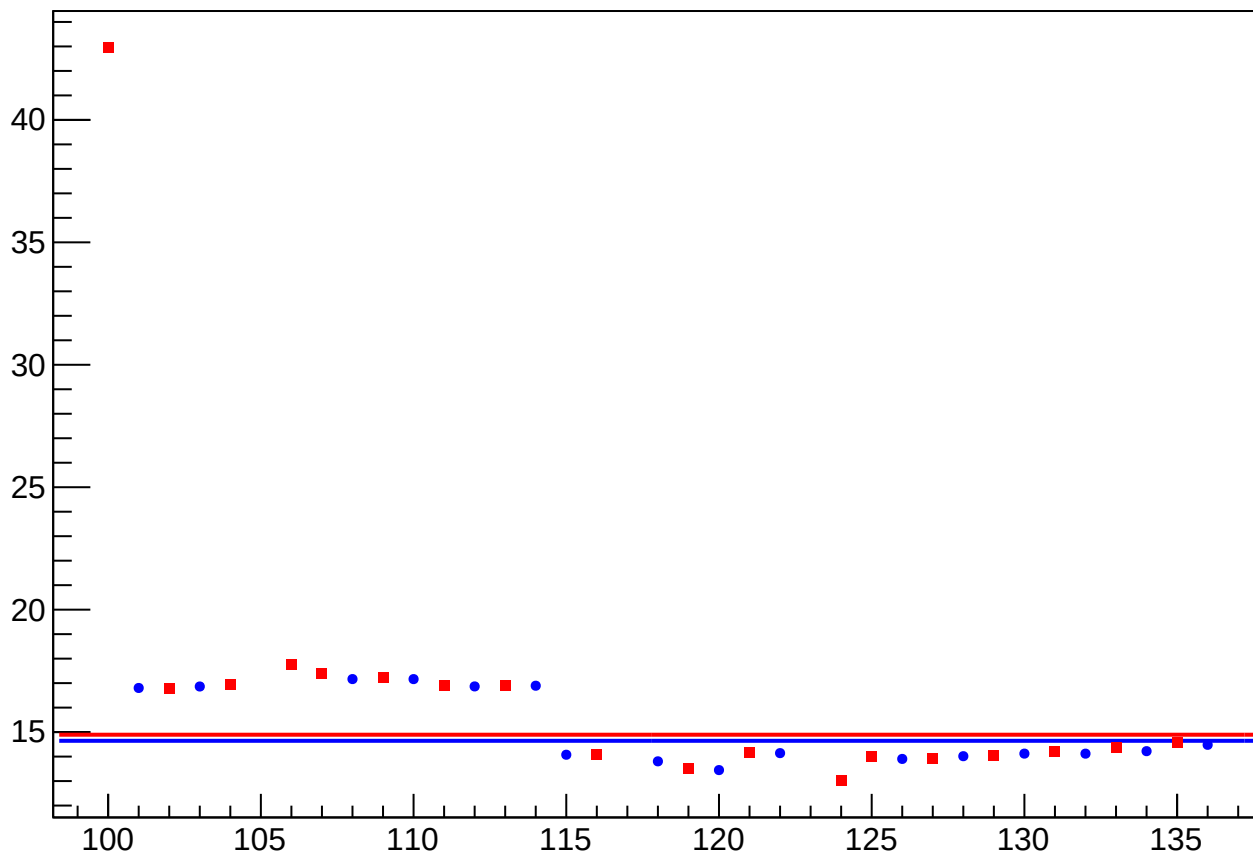
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.070+/-0.000

χ^2/NDF : 5683601.9/33

yield_sam4_mean vs Slug, Sign Corrected



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: 14.893+/-0.000 χ^2/NDF : 1721033065.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

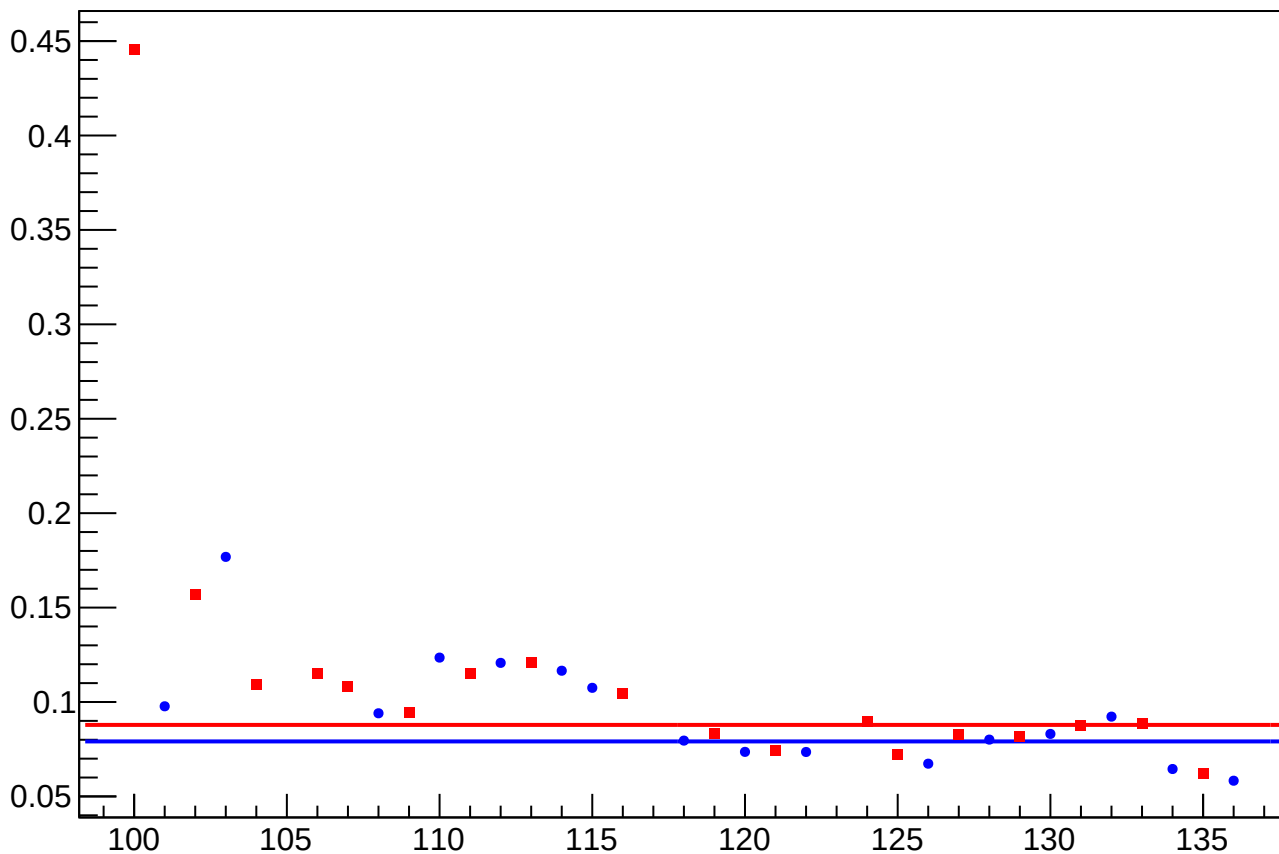
Right: 14.757+/-0.000 χ^2/NDF : 2941229057.7/33

In: 14.644+/-0.000 χ^2/NDF : 1193913109.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.757+/-0.000 χ^2/NDF : 2941229057.7/33

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: 0.088+/-0.000 χ^2/NDF : 742218.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

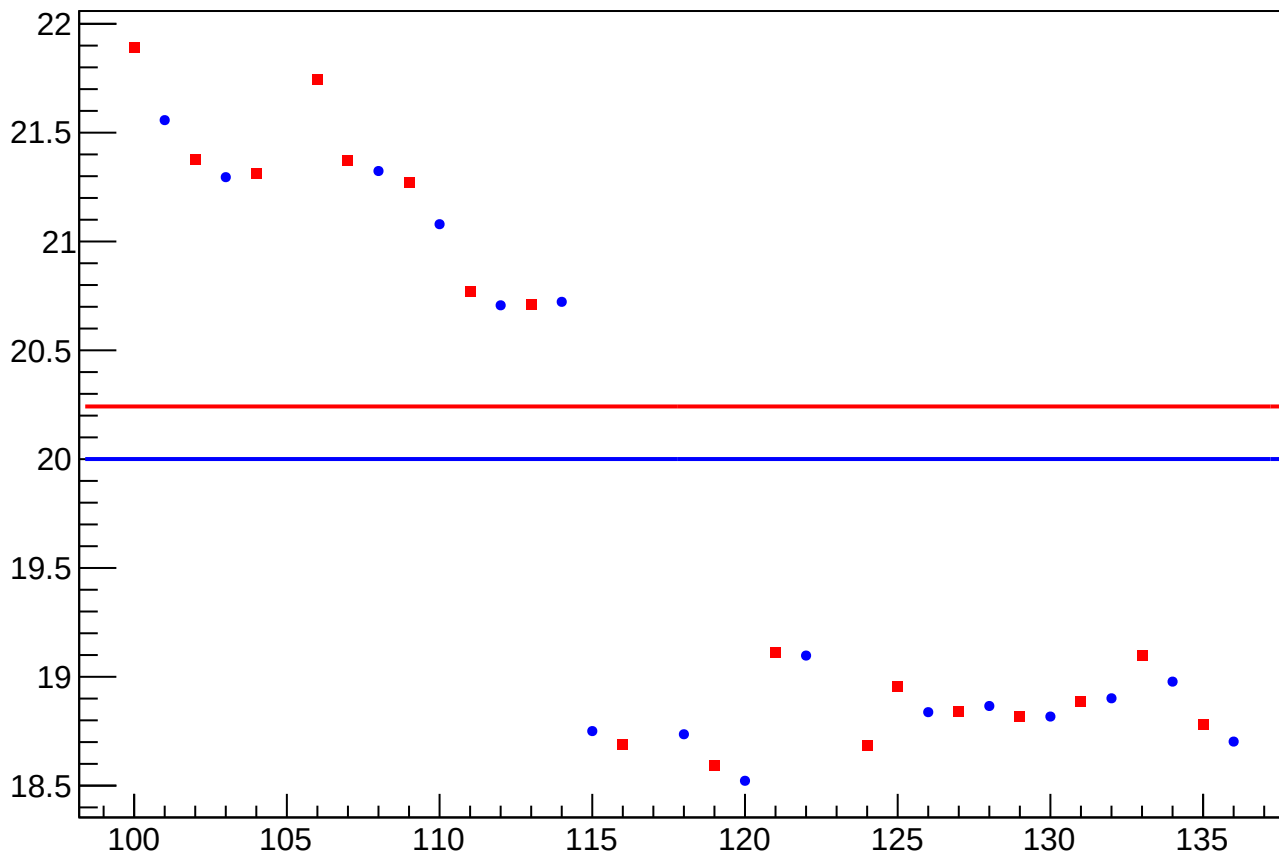
Right: 0.083+/-0.000 χ^2/NDF : 1725433.6/33

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 : 1725433.6/33

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: 20.242+/-0.000 χ^2/NDF : 9749619882.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

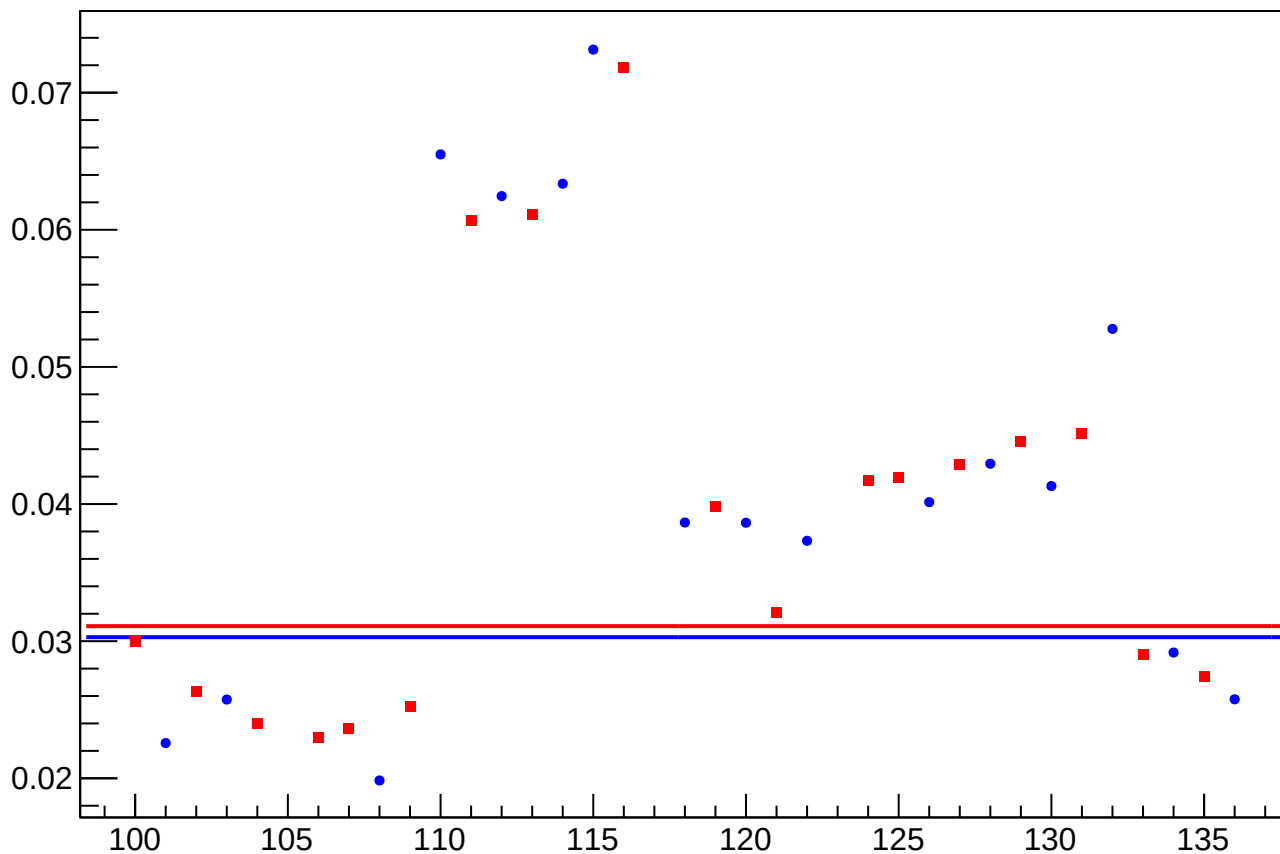
Right: 20.119+/-0.000 χ^2/NDF : 20814237449.2/33

In: 20.001+/-0.000 χ^2/NDF : 10878846617.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.119+/-0.000 χ^2/NDF : 20814237449.2

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 : 1191795.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

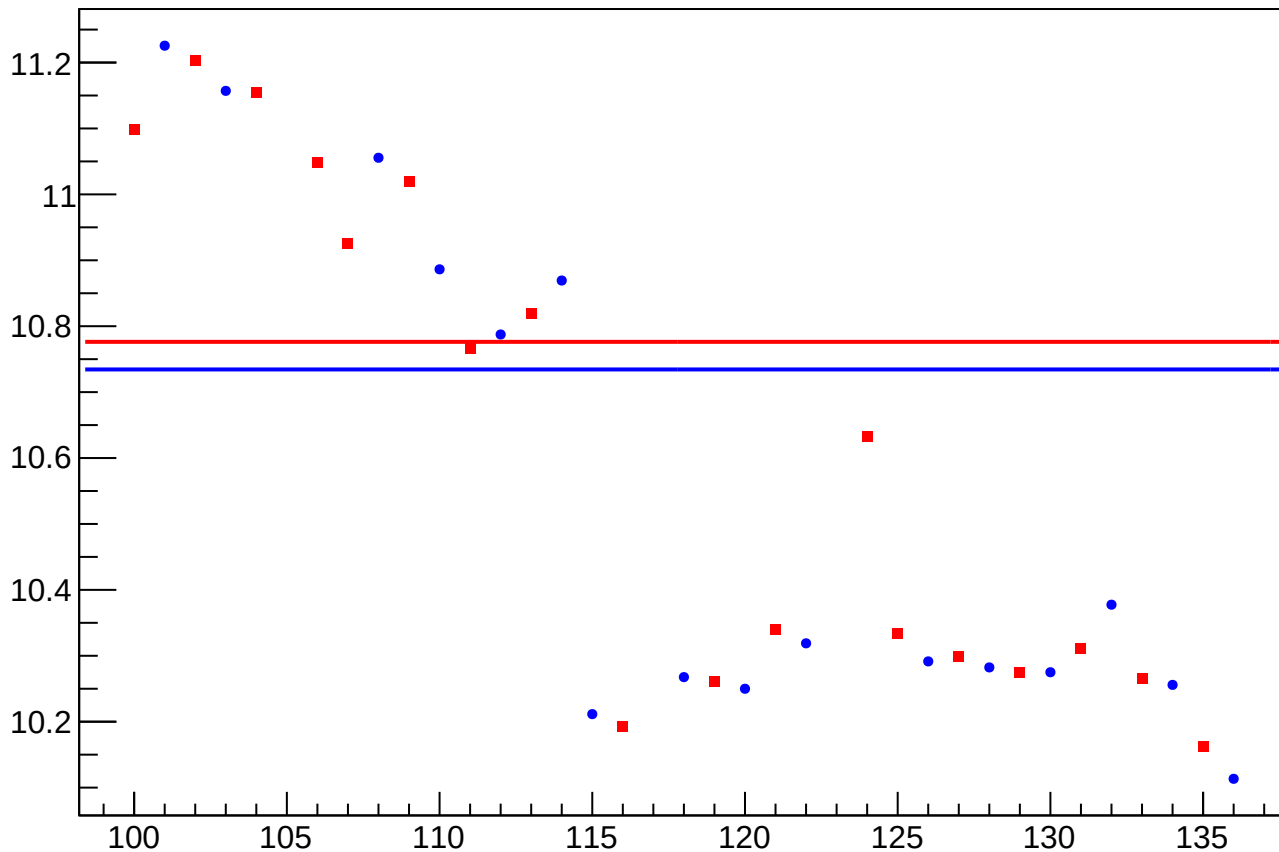
Right: 0.031+/-0.000 χ^2/NDF : 2643311.1/33

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 : 2643311.1/33

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: 10.776+/-0.000 χ^2/NDF : 3947153256.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

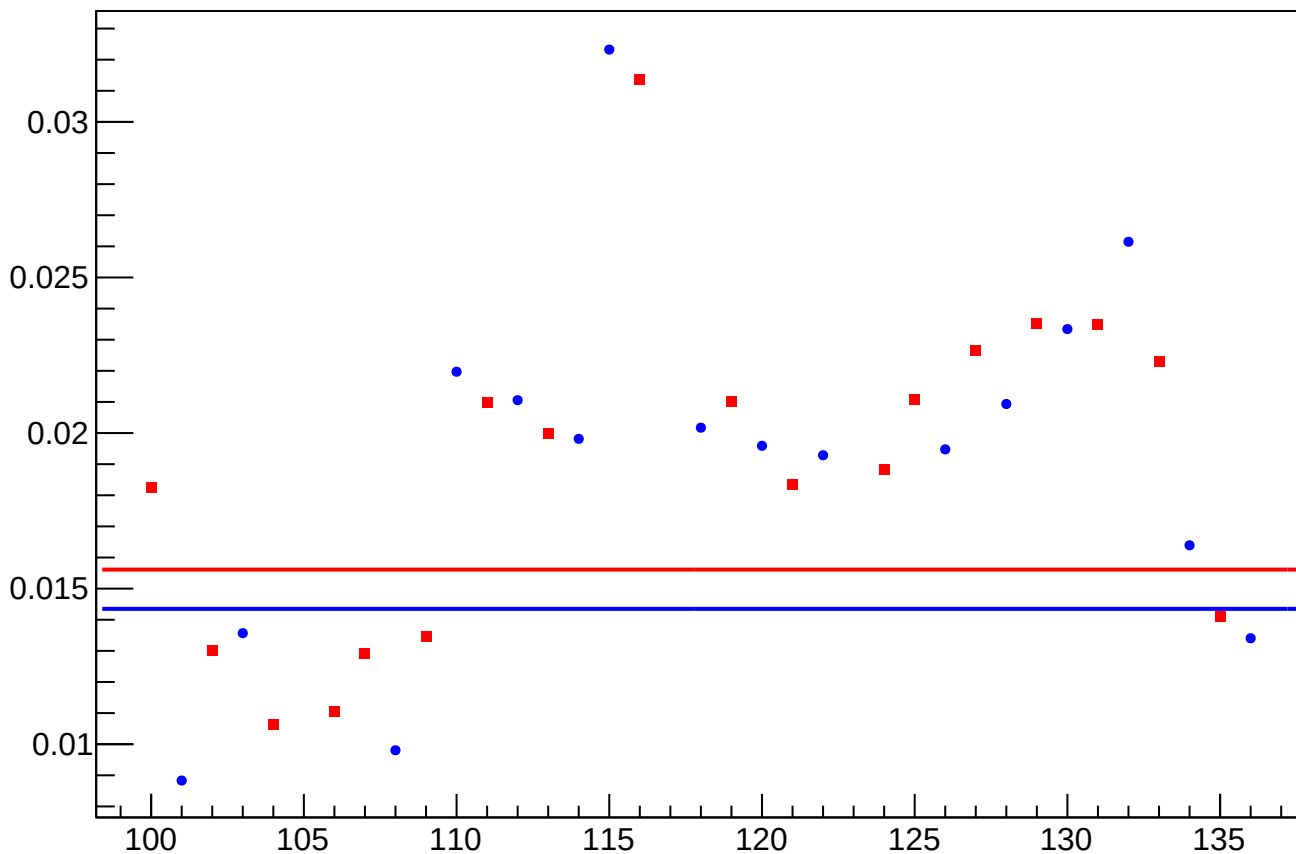
Right: 10.754+/-0.000 χ^2/NDF : 9849434472.5/33

In: 10.734+/-0.000 χ^2/NDF :5879444478.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 10.754+/-0.000 χ^2/NDF : 9849434472.5/33

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 : 1070209.6/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.015+/-0.000

χ^2/NDF : 2593490.4/33

In: 0.014+/-0.000

χ^2/NDF : 1481790.8/15

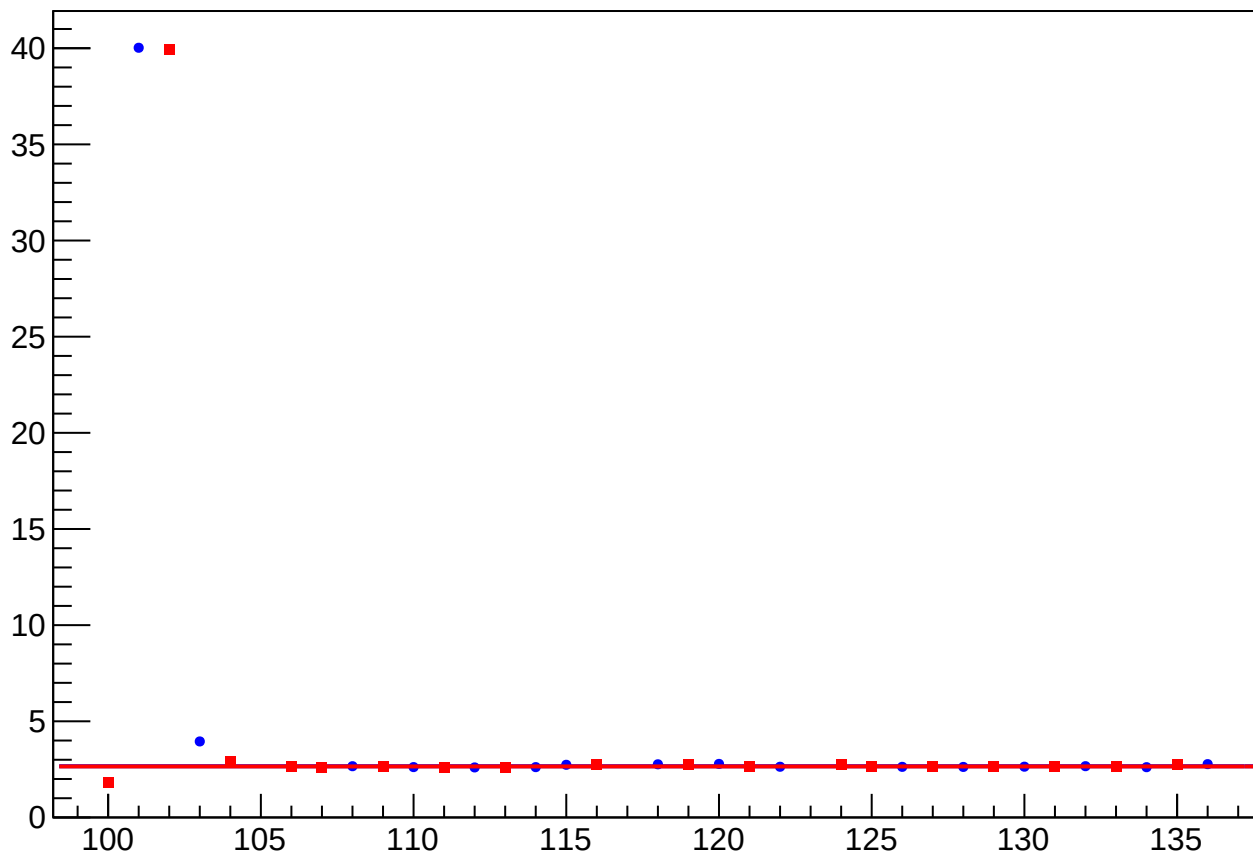
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.015+/-0.000

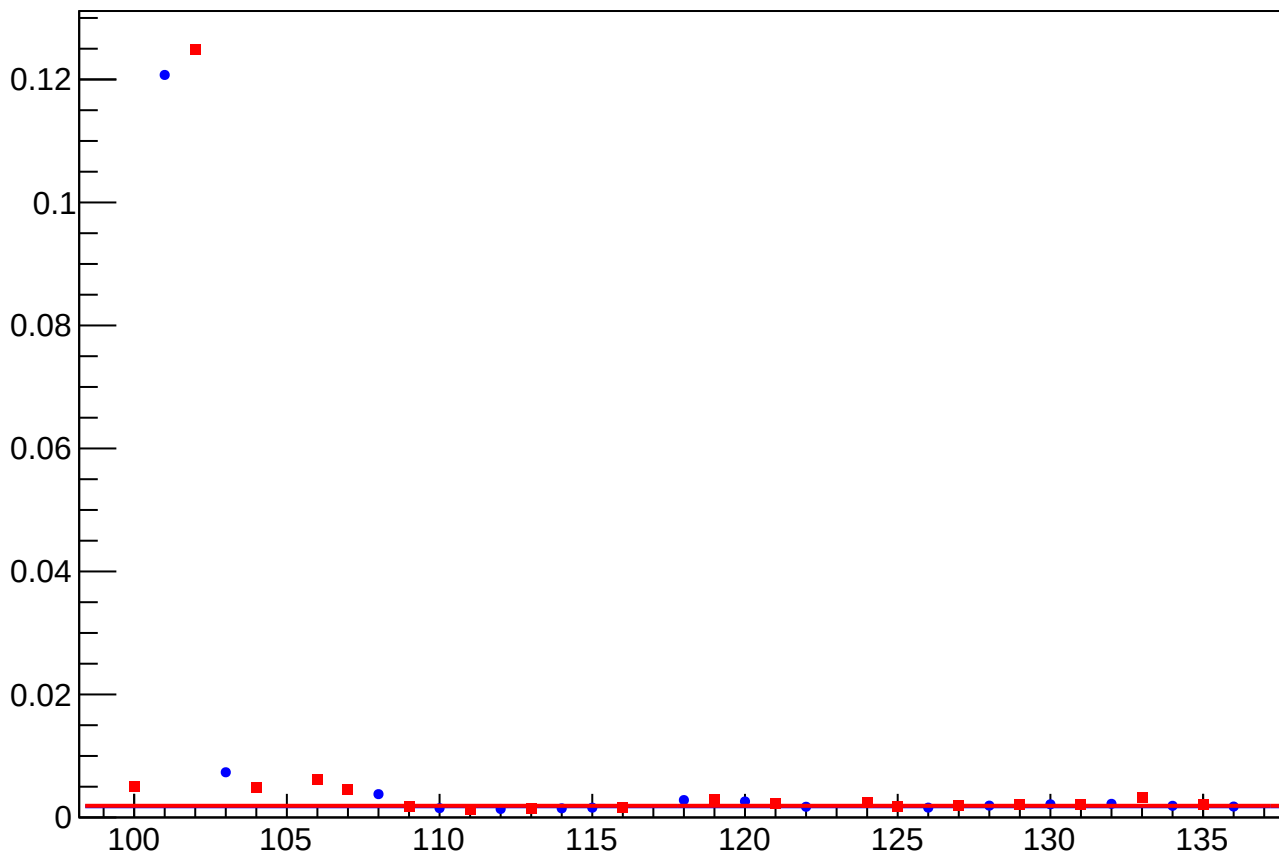
χ^2/NDF : 2593490.4/33

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: 2.658+/-0.000	χ^2/NDF : 132366810641.4/33
Right Out: 2.653+/-0.000	χ^2/NDF : 64442637537.6/17	In: 2.664+/-0.000	χ^2/NDF : 67839888284.3/15
Left In: 0.000+/-0.000	χ^2/NDF : 0.0/0	Out: 0.000+/-0.000	χ^2/NDF : 0.0/0
		All: 2.658+/-0.000	χ^2/NDF : 132366810641.4

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 : 2524804.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

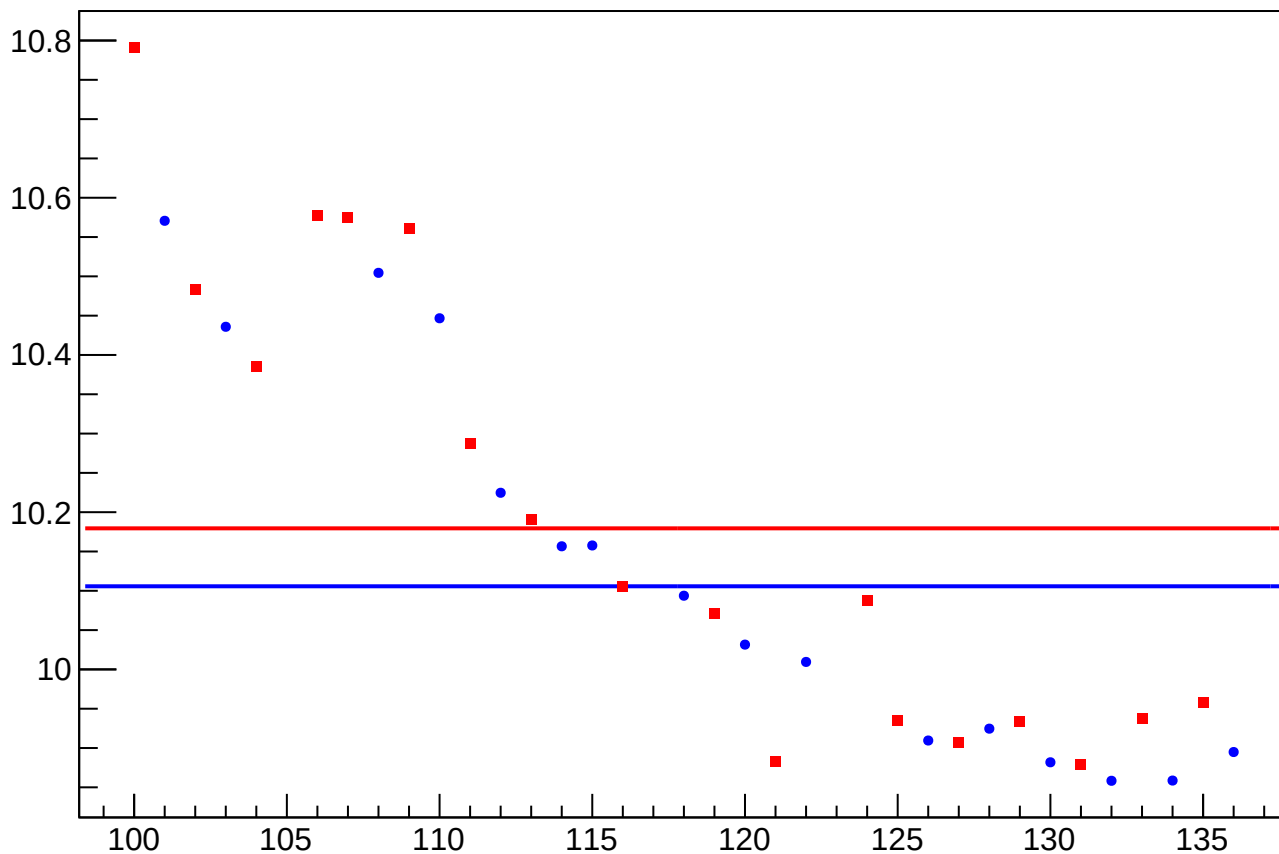
Right: 0.002+/-0.000 χ^2/NDF : 4356910.8/33

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 : 4356910.8/33

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: 10.179+/-0.000 χ^2/NDF : 8575821089.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

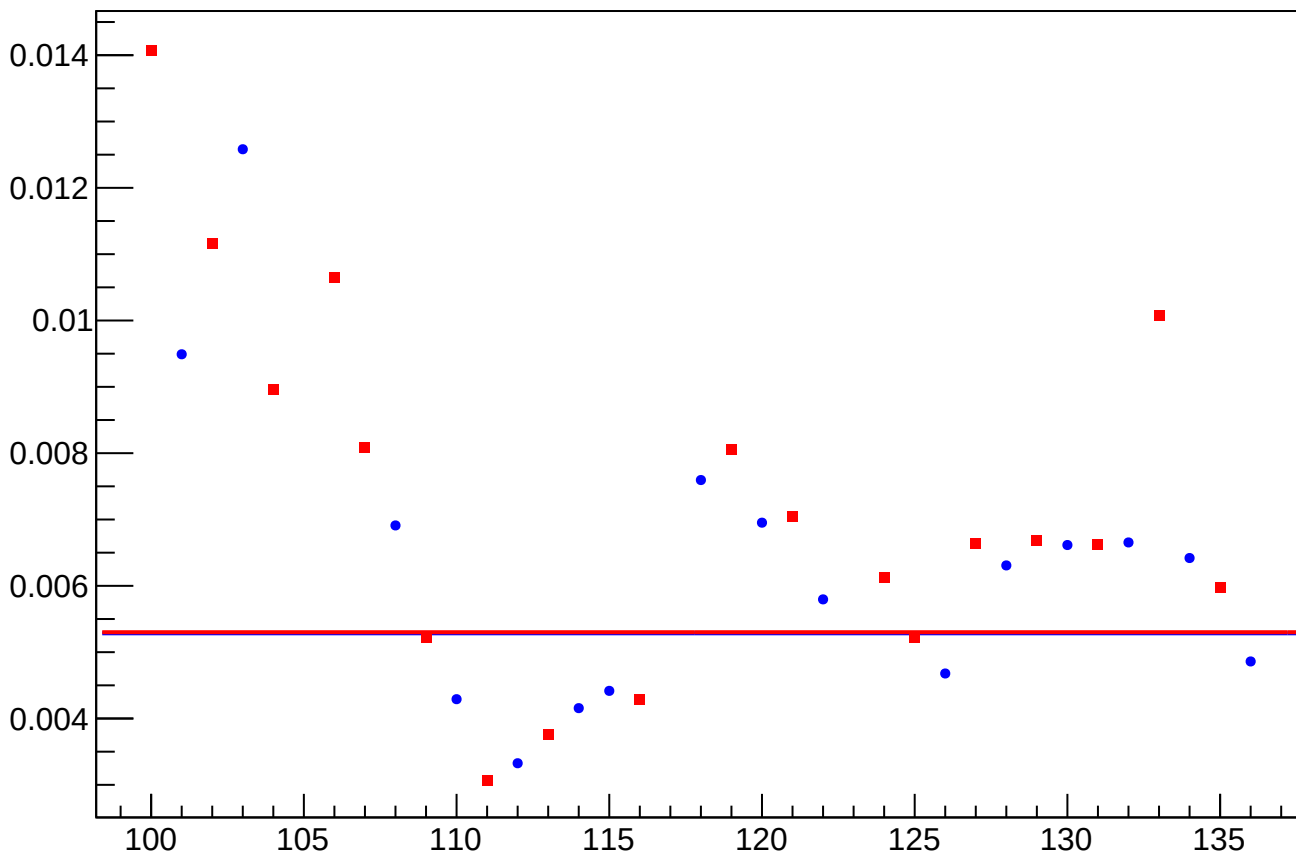
Right: 10.142+/-0.000 χ^2/NDF : 18223936323.9/33

In: 10.106+/-0.000 χ^2/NDF : 9126550621.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.142+/-0.000 χ^2/NDF : 18223936323.9

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 : 1791680.3/17

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+/-0.000

χ^2/NDF : 3065864.9/33

In: 0.005+/-0.000

χ^2/NDF : 1274133.0/15

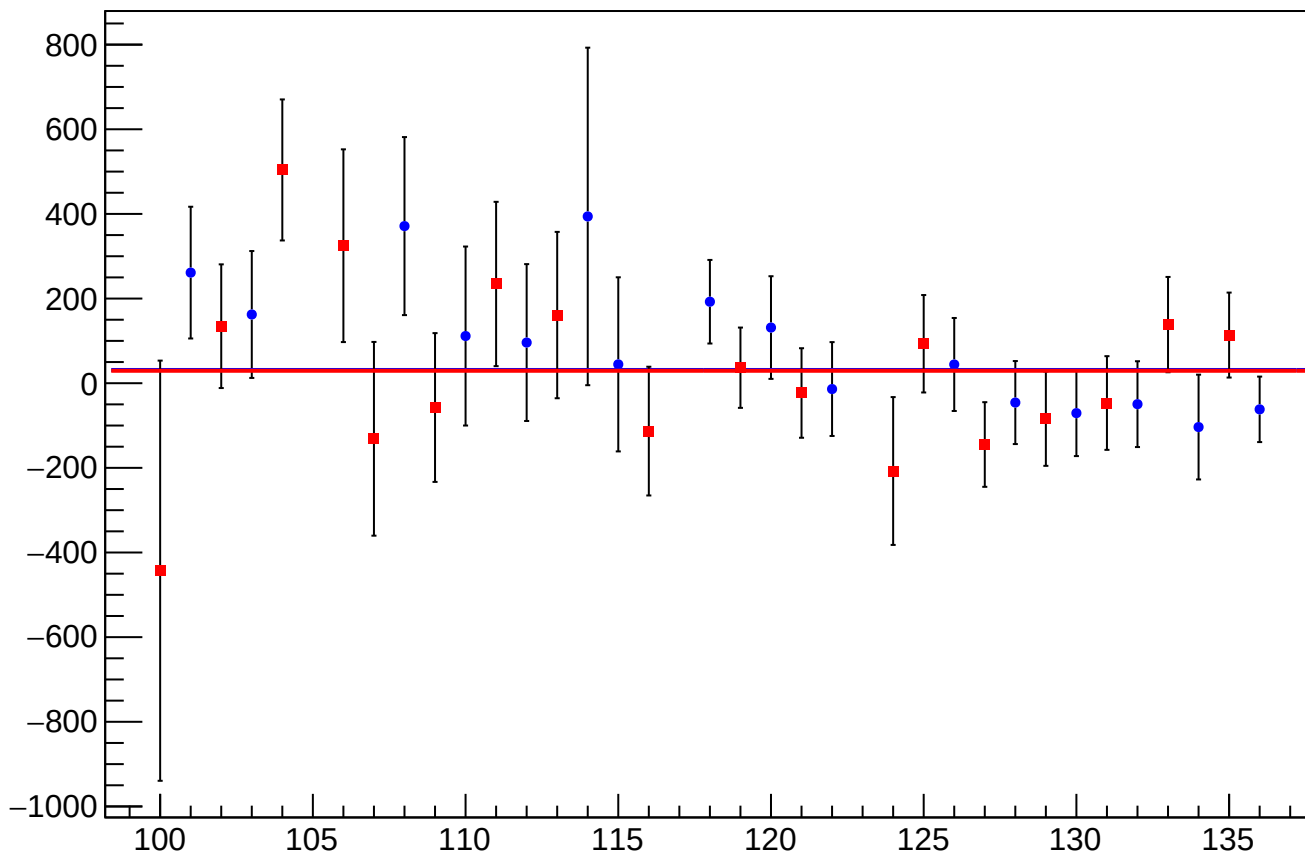
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.005+/-0.000

χ^2/NDF : 3065864.9/33

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: 29.396+/-31.586 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

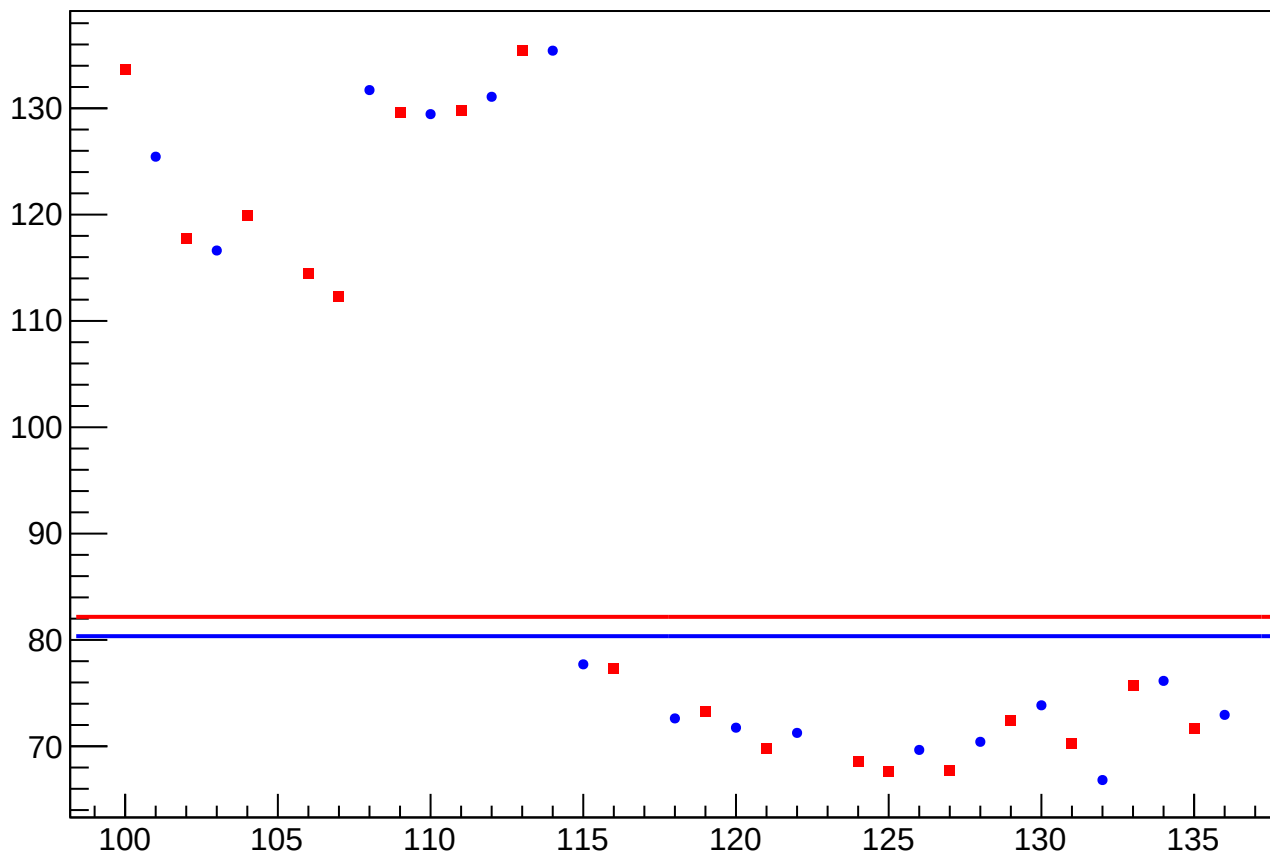
Right: 30.347+/-22.047 χ^2/NDF : 38.1/33

In: 31.249+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.347+/-22.047 χ^2/NDF : 38.1/33

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: 82.171+/-0.022 χ^2/NDF : 930413.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

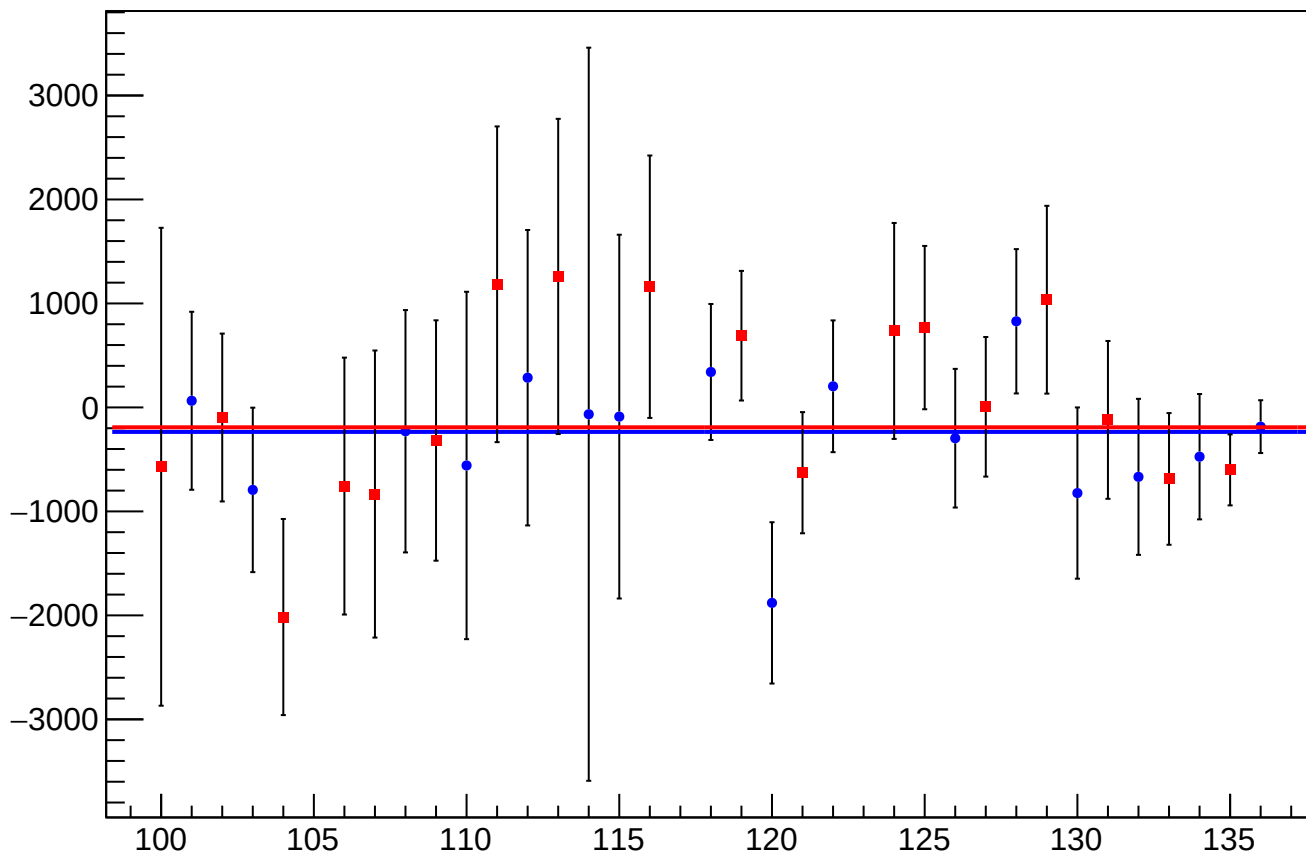
Right: 81.239+/-0.016 χ^2/NDF : 1773848.0/33

In: 80.354+/-0.022 χ^2/NDF :840039.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.239+/-0.016 χ^2/NDF : 1773848.0/33

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: -191.155+/-180.769 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

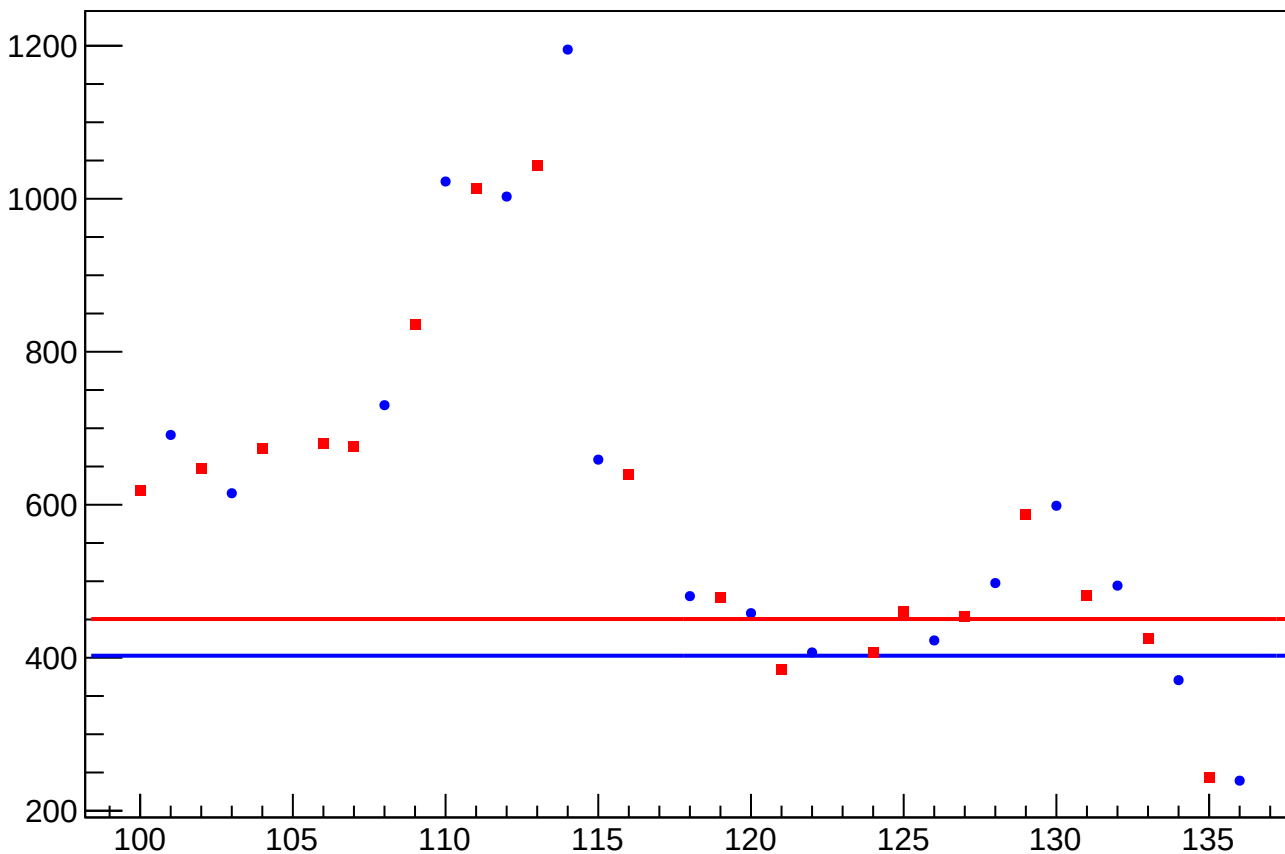
Right: -215.522+/-121.367 χ^2/NDF : 25.9/33

In: -235.521+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -215.522+/-121.367 χ^2/NDF : 25.9/33

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: 450.621+/-0.128 χ^2/NDF : 2035453.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

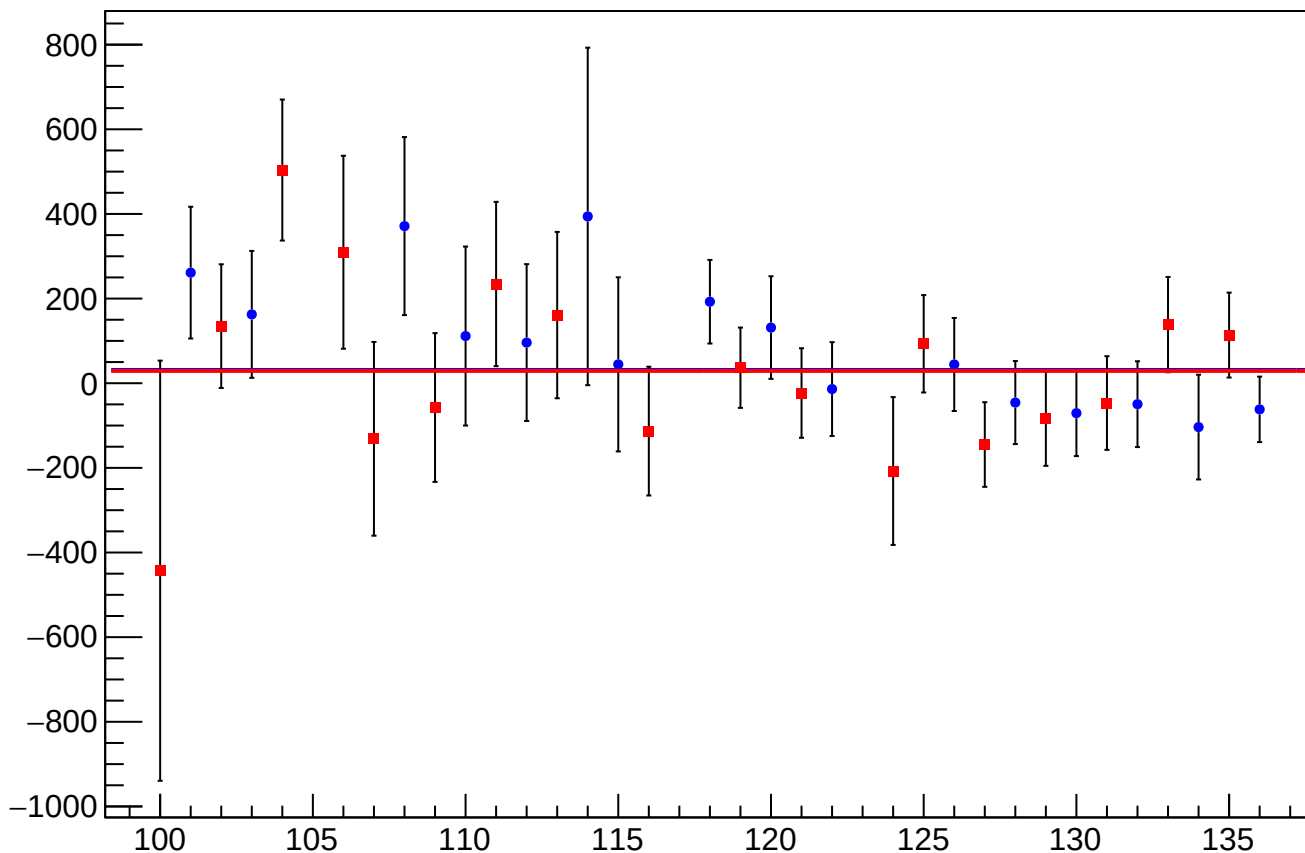
Right: 424.278+/-0.086 χ^2/NDF : 4472878.6/33

In: 402.658+/-0.116 χ^2/NDF : 2360092.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 424.278+/-0.086 χ^2/NDF : 4472878.6/33

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: 29.095+/-31.587 χ^2/NDF : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

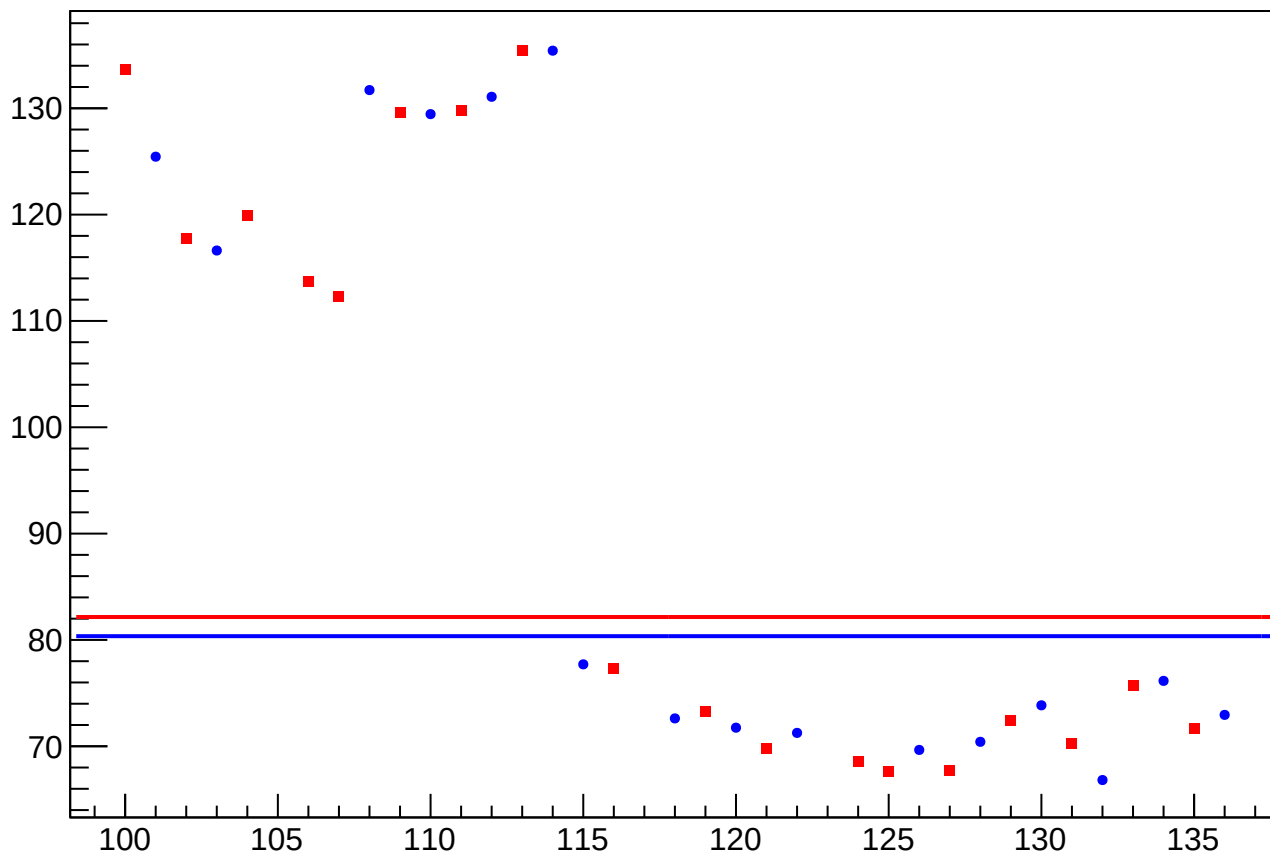
Right: 30.205+/-22.047 χ^2/NDF : 37.9/33

In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.205+/-22.047 χ^2/NDF : 37.9/33

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: 82.156+/-0.022 χ^2/NDF : 928553.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

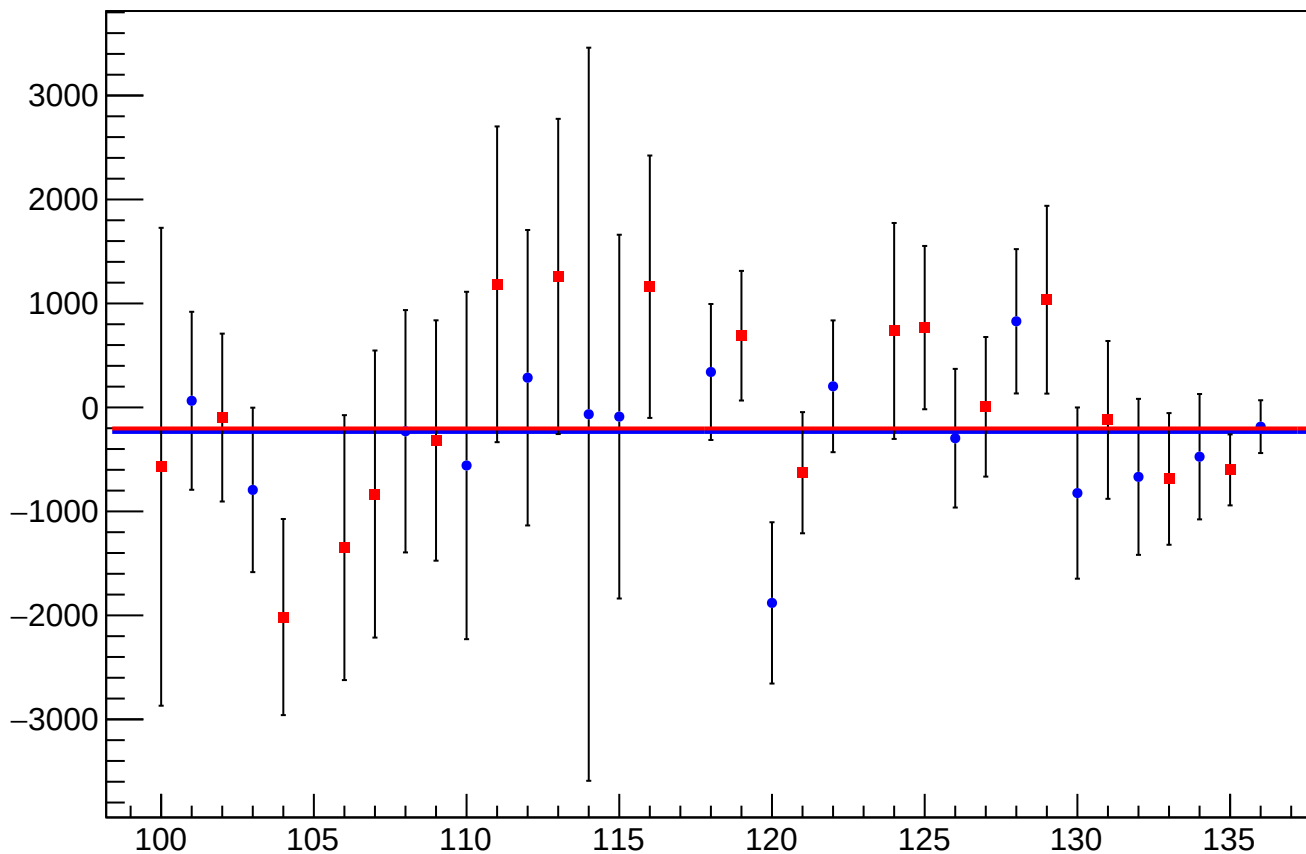
Right: 81.232+/-0.016 χ^2/NDF : 1771930.1/33

In: 80.354+/-0.022 χ^2/NDF :840039.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.232+/-0.016 χ^2/NDF : 1771930.1/33

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: -202.373+/-180.886 χ^2/NDF : 16.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

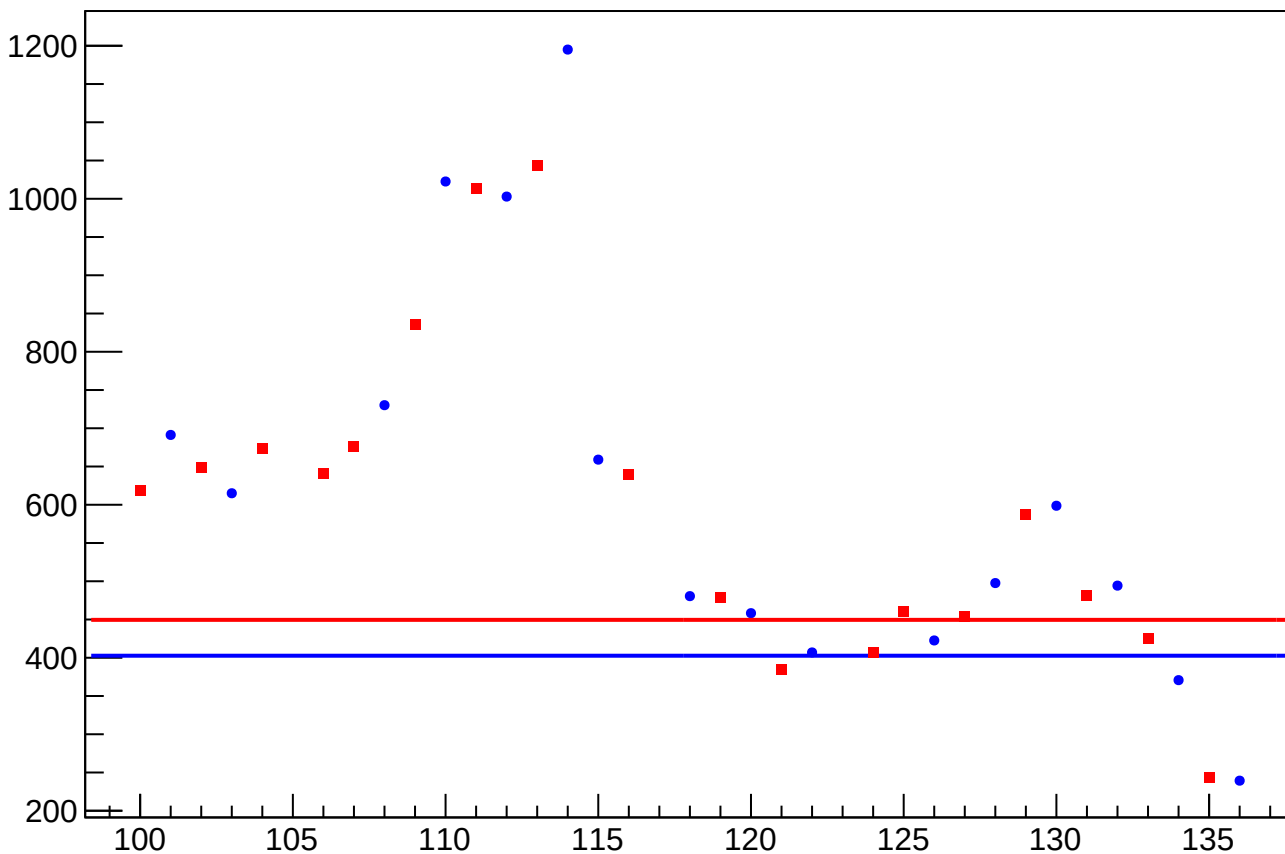
Right: -220.589+/-121.402 χ^2/NDF : 26.5/33

In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.589+/-121.402 χ^2/NDF : 26.5/33

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: 449.536+/-0.128 χ^2/NDF : 2011000.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

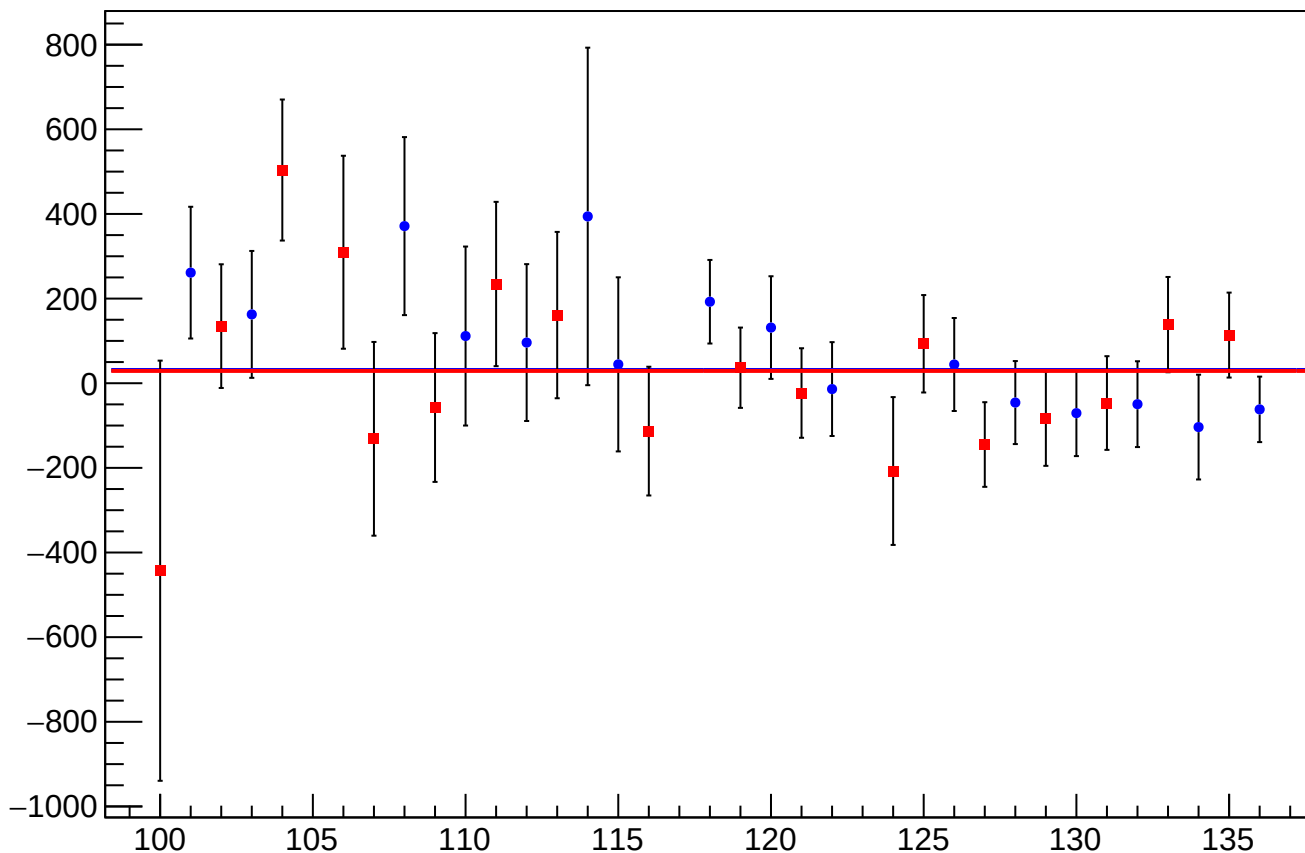
Right: 423.774+/-0.086 χ^2/NDF : 4444908.6/33

In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.774+/-0.086 χ^2/NDF : 4444908.6/33

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: 29.095+/-31.587 χ^2/NDF : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

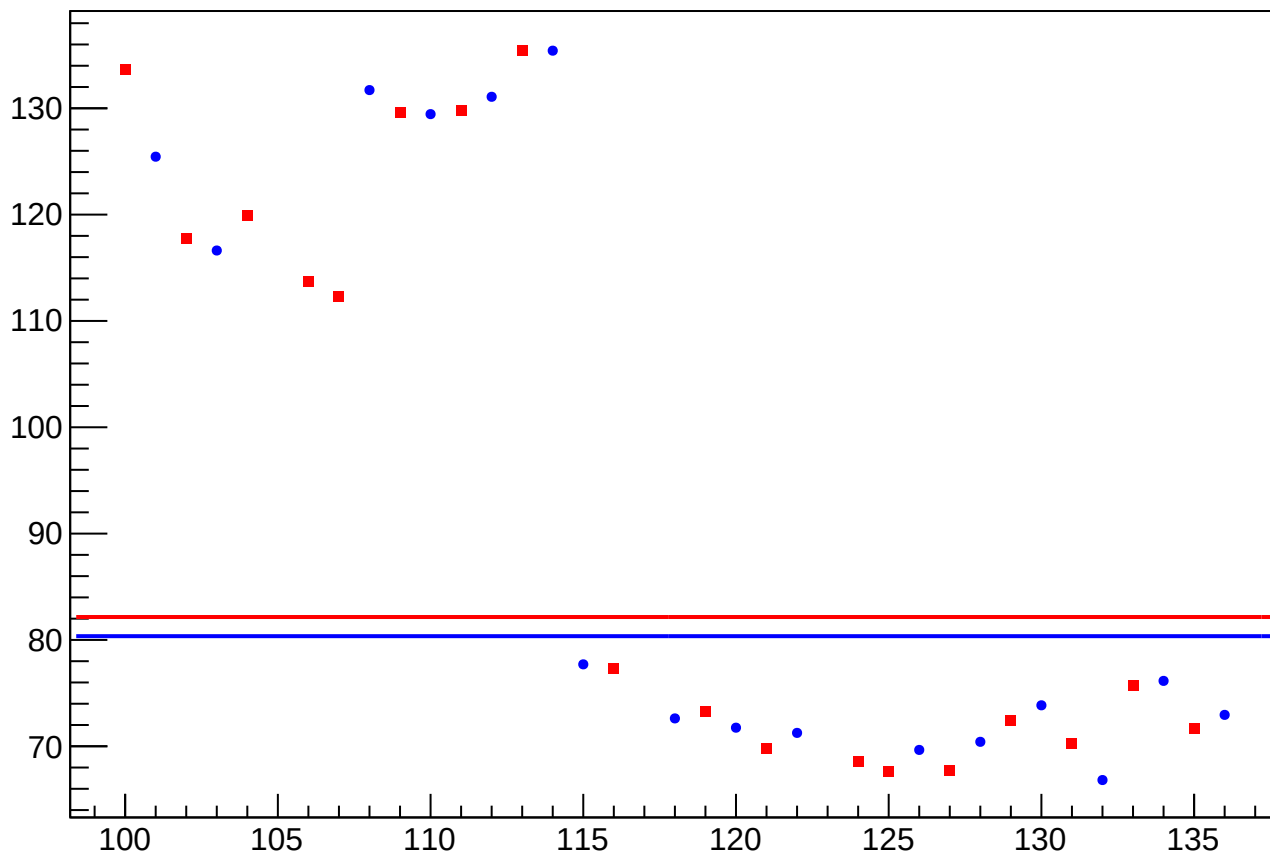
Right: 30.205+/-22.047 χ^2/NDF : 37.9/33

In: 31.260+/-30.786 χ^2/NDF : 15.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.205+/-22.047 χ^2/NDF : 37.9/33

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: 82.156+/-0.022 χ^2/NDF : 928553.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

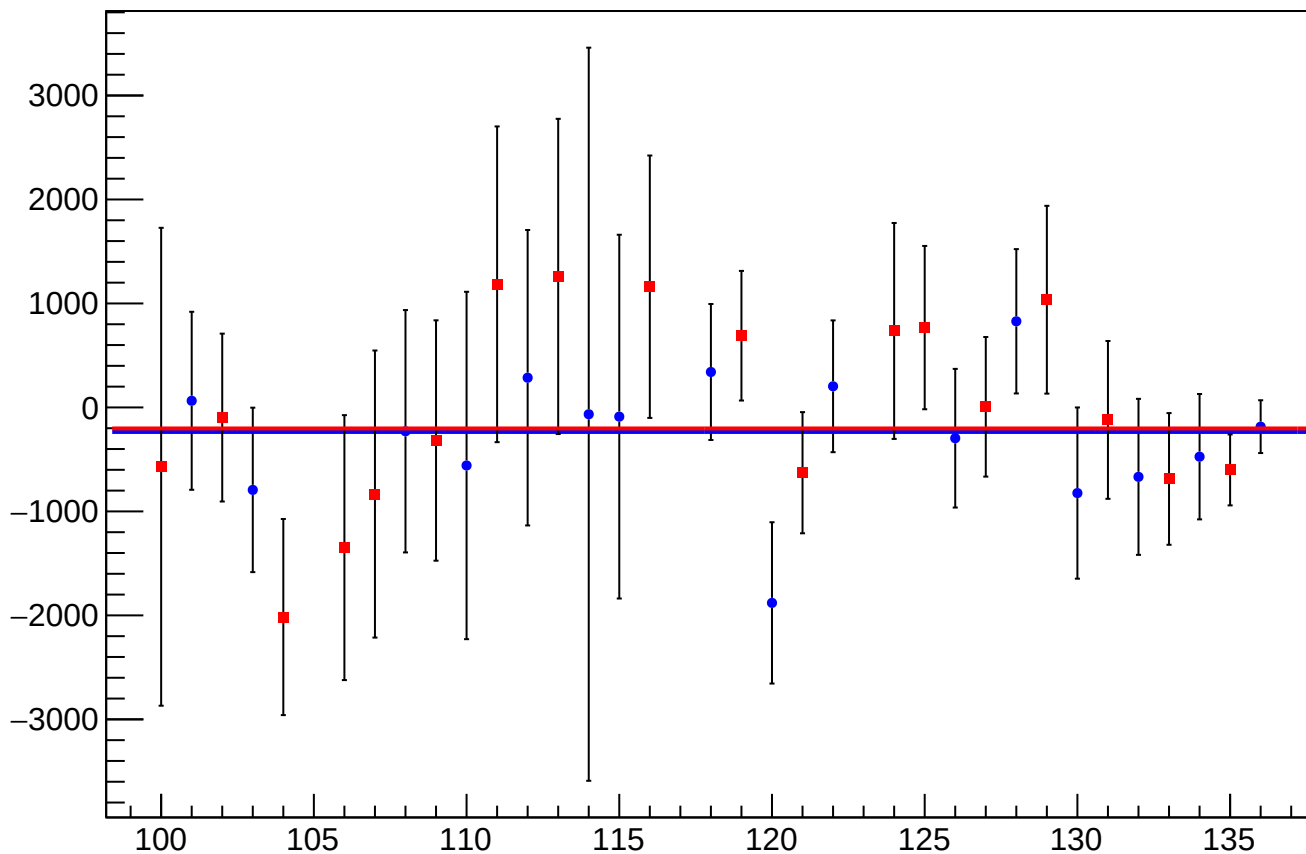
Right: 81.232+/-0.016 χ^2/NDF : 1771930.1/33

In: 80.354+/-0.022 χ^2/NDF :840039.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 81.232+/-0.016 χ^2/NDF : 1771930.1/33

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: -202.373+/-180.886 χ^2/NDF : 16.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

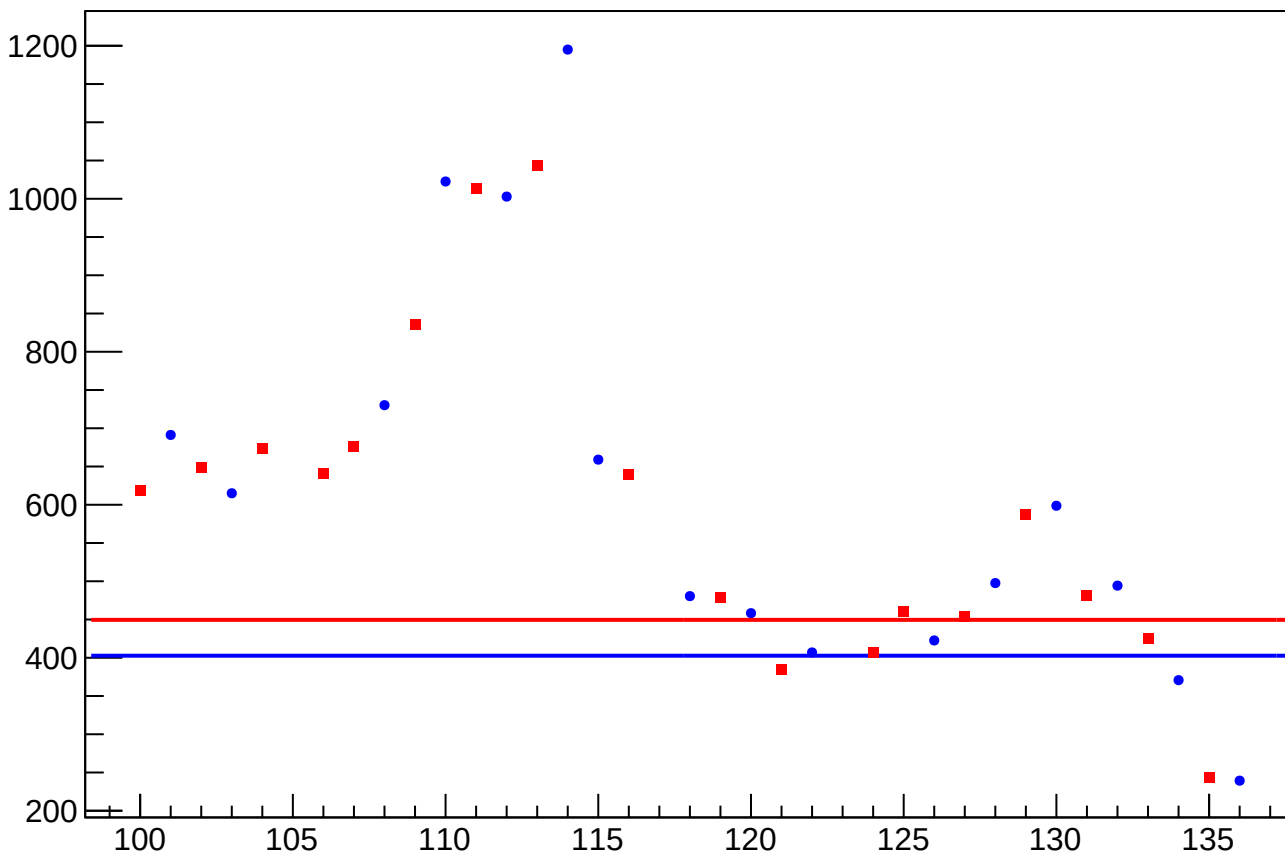
Right: -220.589+/-121.402 χ^2/NDF : 26.5/33

In: -235.519+/-163.765 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -220.589+/-121.402 χ^2/NDF : 26.5/33

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: 449.536+/-0.128 χ^2/NDF : 2011000.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

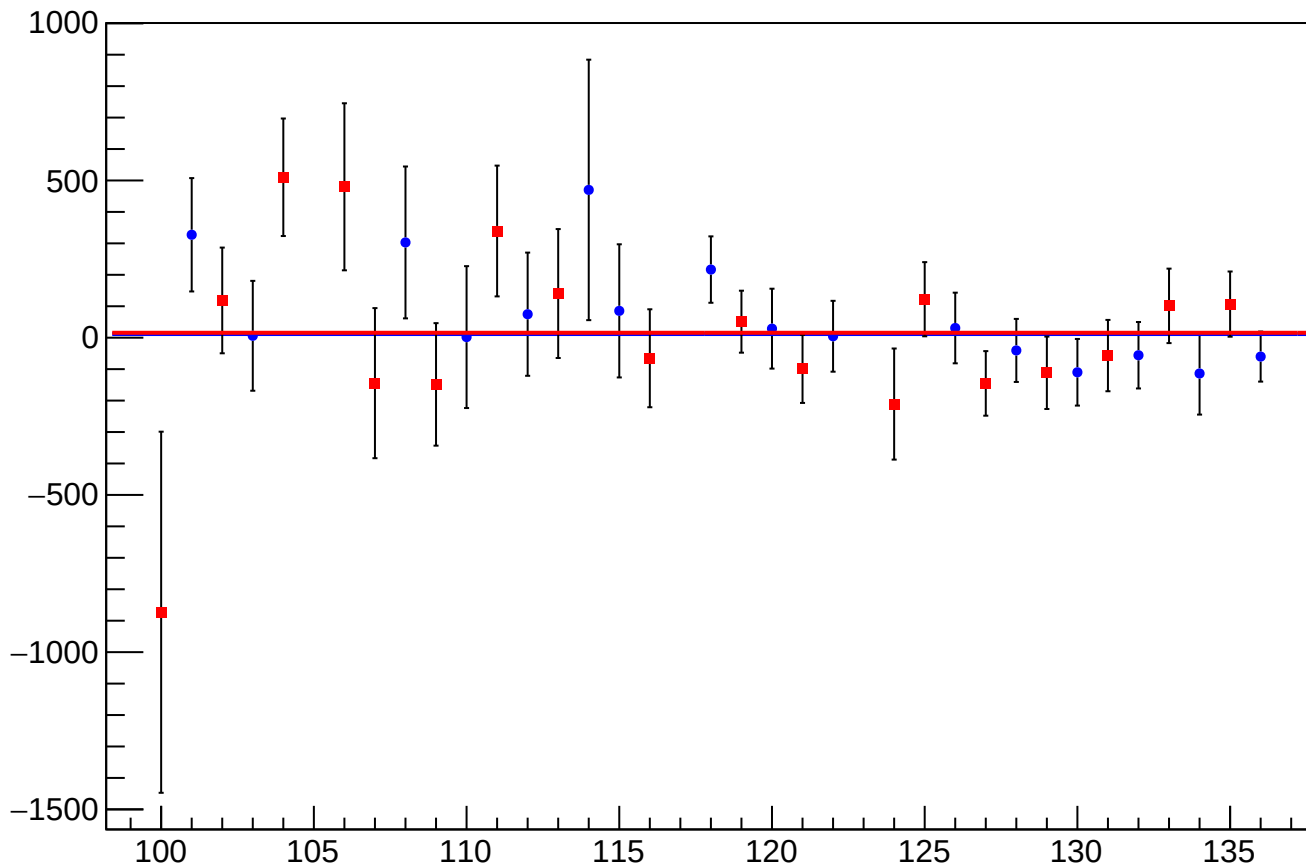
Right: 423.774+/-0.086 χ^2/NDF : 4444908.6/33

In: 402.658+/-0.116 χ^2/NDF : 2360087.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 423.774+/-0.086 χ^2/NDF : 4444908.6/33

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: 15.652+/-33.008 χ^2/NDF : 26.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

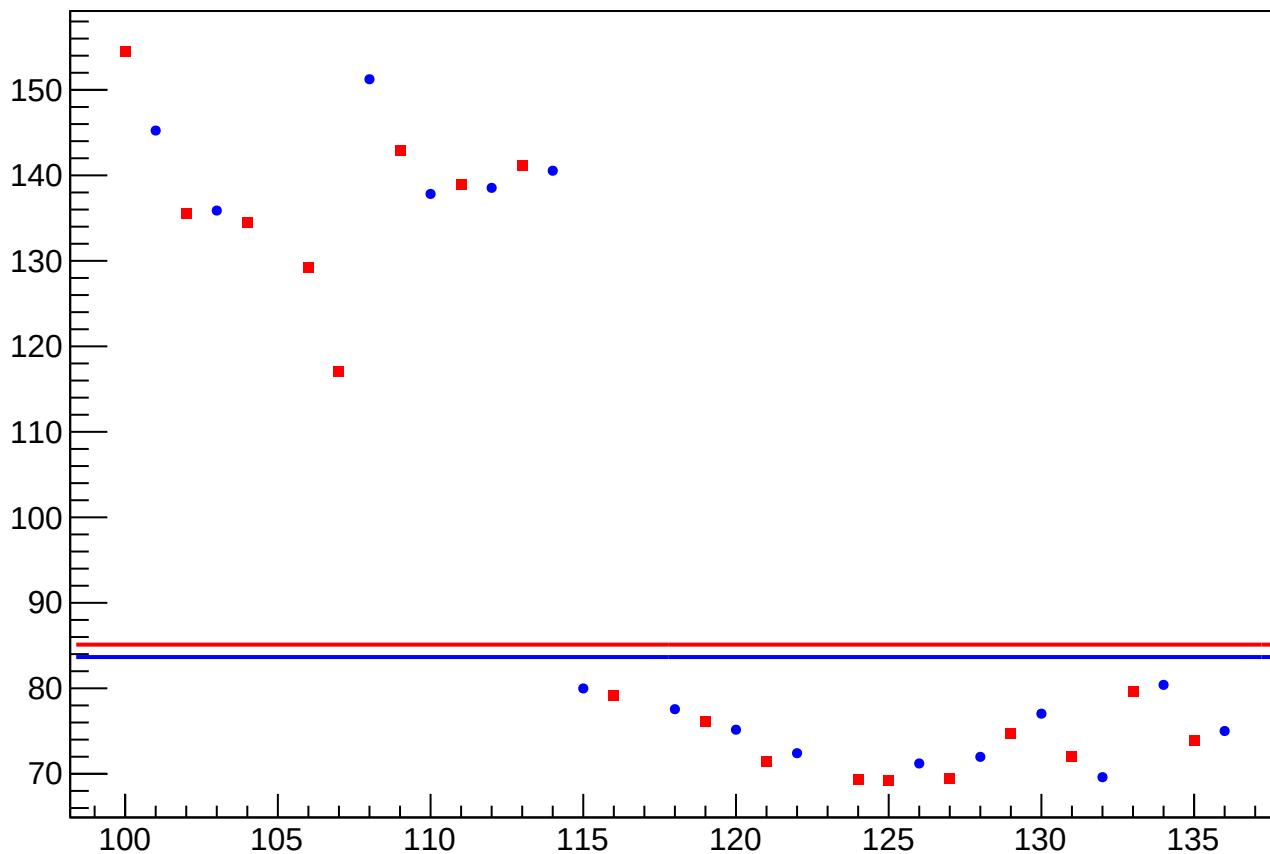
Right: 13.608+/-23.085 χ^2/NDF : 39.7/33

In: 11.651+/-32.297 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.608+/-23.085 χ^2/NDF : 39.7/33

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: 85.110+/-0.023 χ^2/NDF : 1119559.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

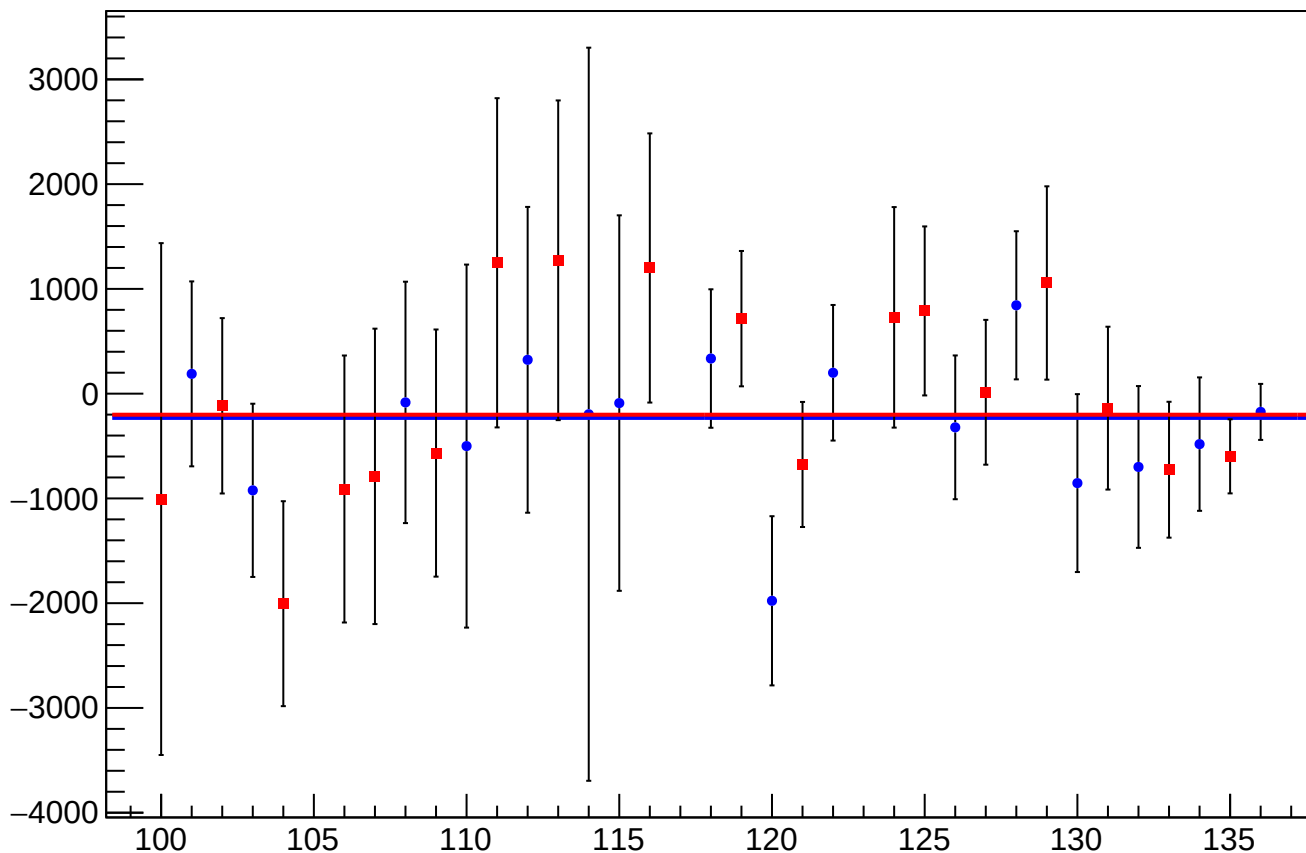
Right: 84.368+/-0.016 χ^2/NDF : 2156334.8/33

In: 83.657+/-0.023 χ^2/NDF :1034794.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 84.368+/-0.016 χ^2/NDF : 2156334.8/33

asym_sam1_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.407+/-170.133 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.961+/-186.141 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

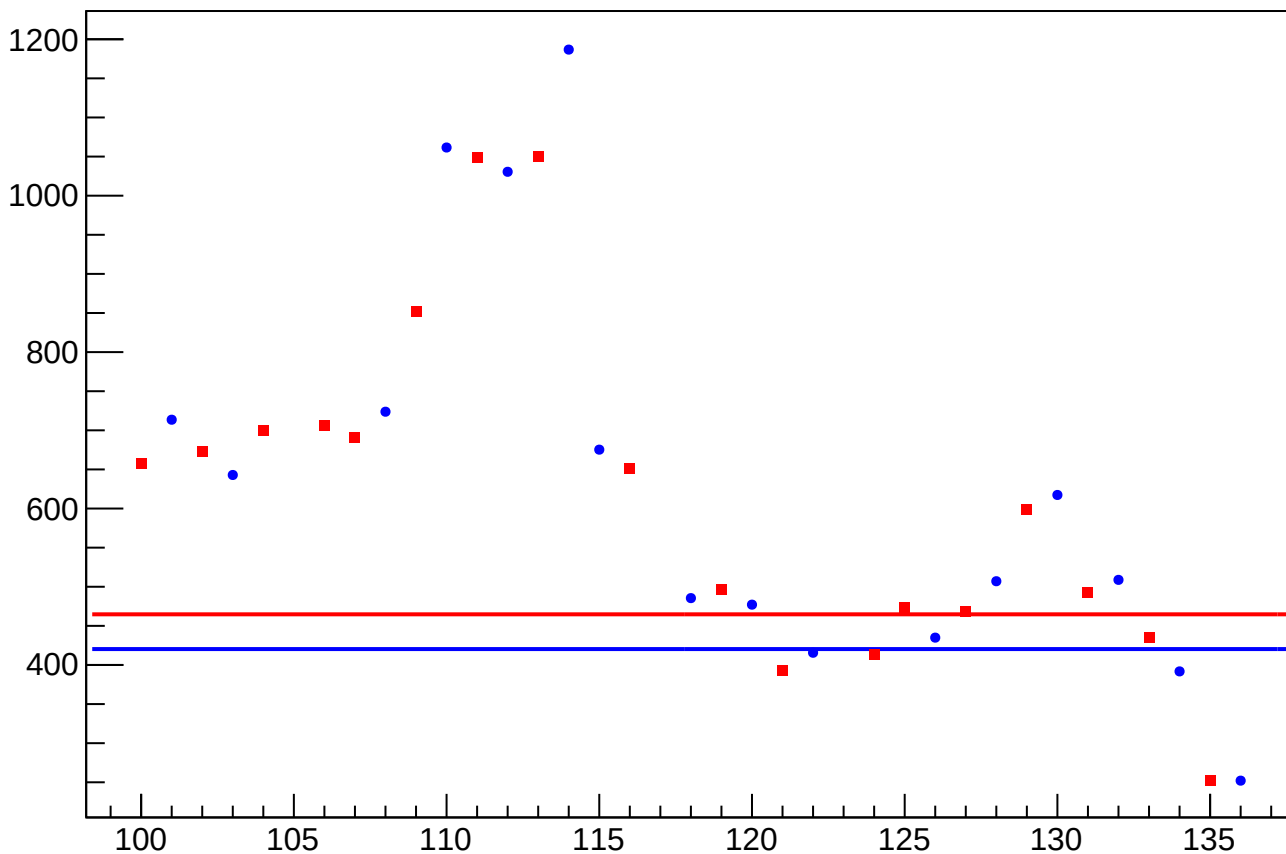
Right: -217.549+/-125.581 χ^2/NDF : 26.3/33

In: -231.407+/-170.133 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.549+/-125.581 χ^2/NDF : 26.3/33

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: 464.749+/-0.132 χ^2/NDF : 2013123.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

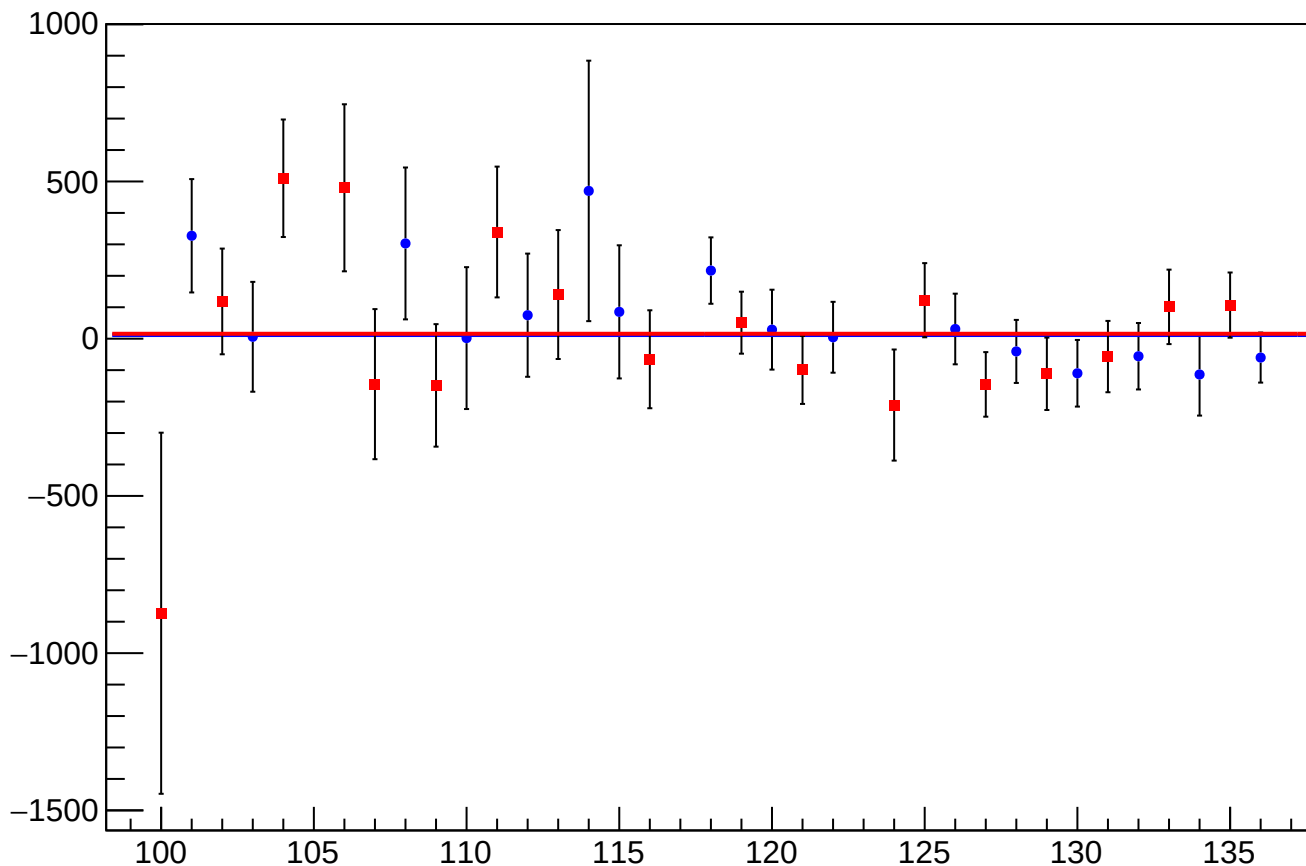
Right: 440.547+/-0.089 χ^2/NDF : 4329788.0/33

In: 420.329+/-0.120 χ^2/NDF : 2254610.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.547+/-0.089 χ^2/NDF : 4329788.0/33

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: 15.651+/-33.008 χ^2/NDF : 26.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

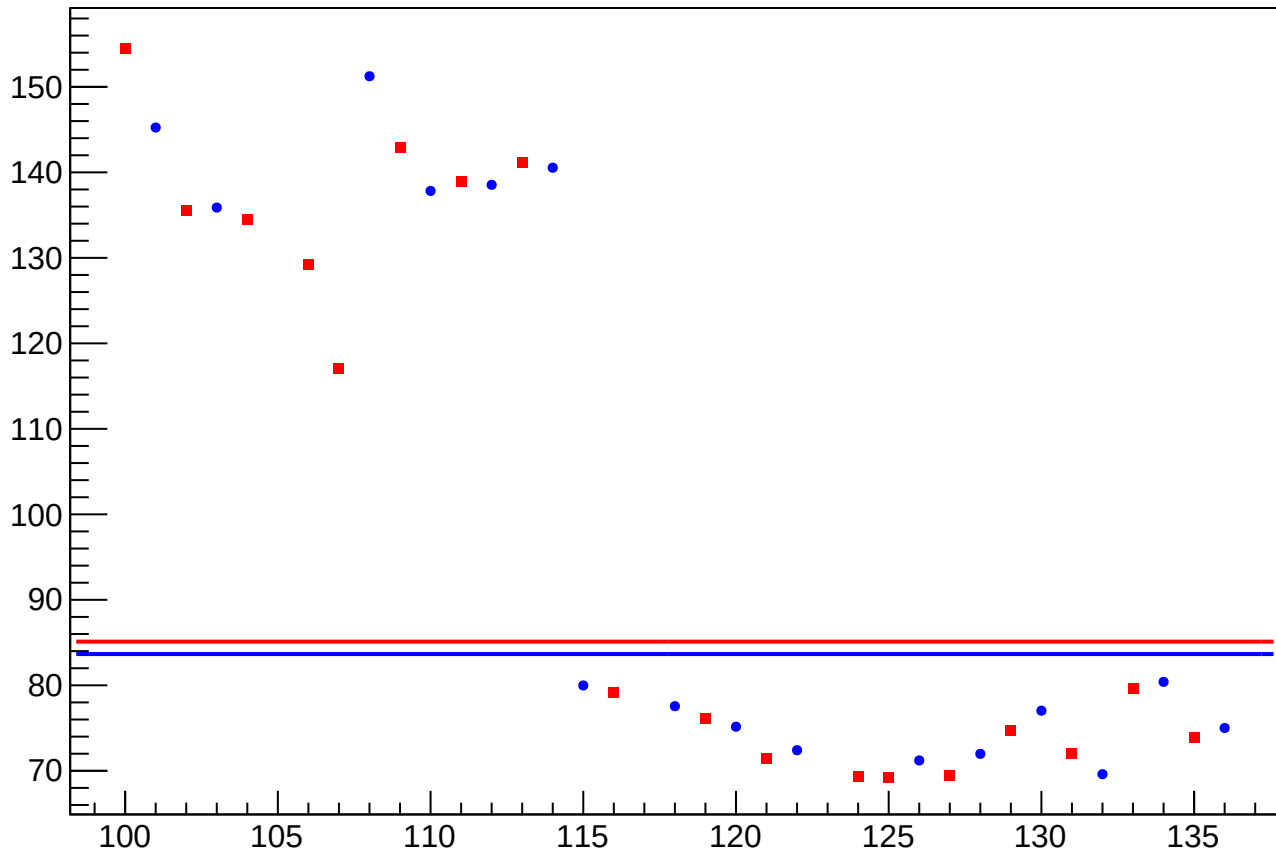
Right: 13.608+/-23.085 χ^2/NDF : 39.7/33

In: 11.652+/-32.297 χ^2/NDF : 13.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.608+/-23.085 χ^2/NDF : 39.7/33

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: 85.110+/-0.023 χ^2/NDF : 1119558.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

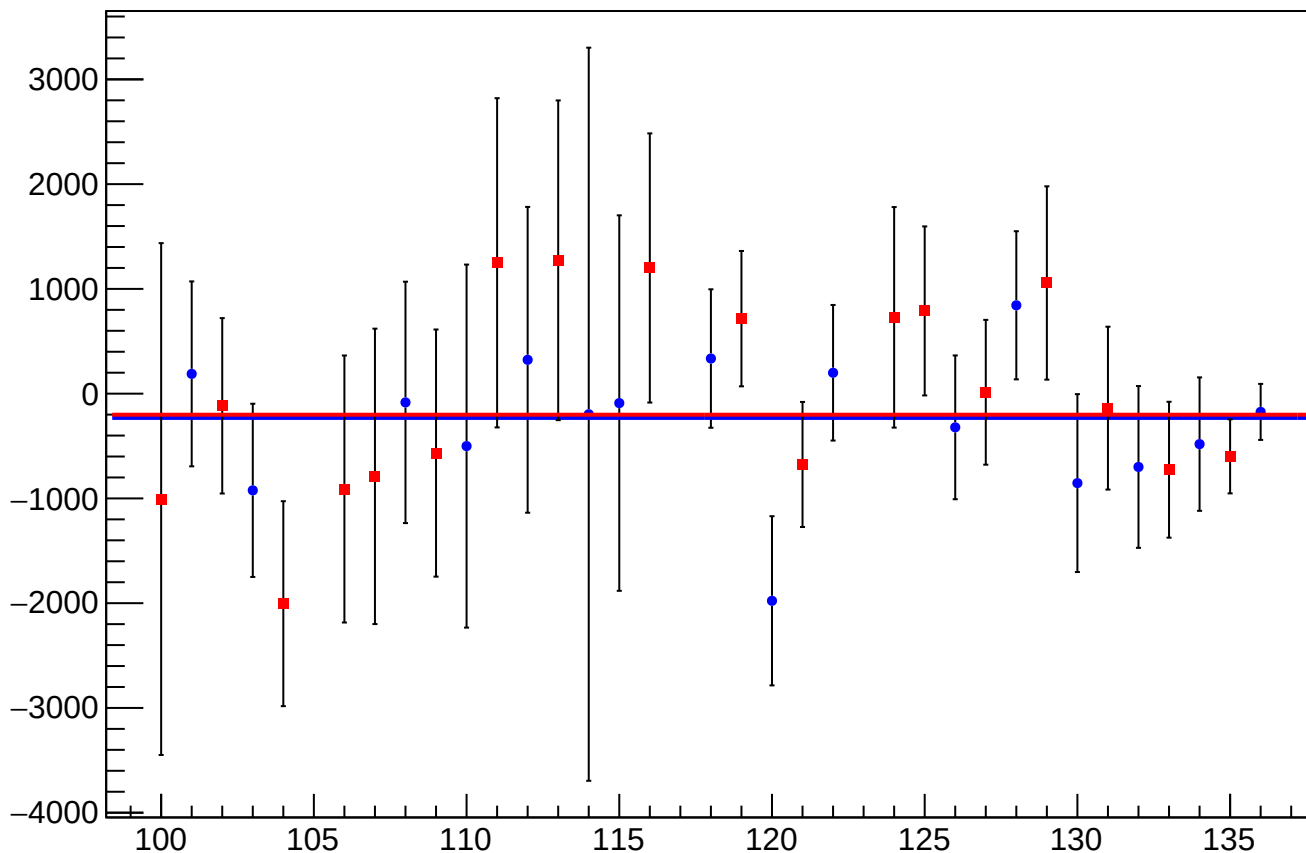
Right: 84.368+/-0.016 χ^2/NDF : 2156333.3/33

In: 83.657+/-0.023 χ^2/NDF : 1034794.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 84.368+/-0.016 χ^2/NDF : 2156333.3/33

asym_sam1_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -231.405+/-170.132 χ^2/NDF : 10.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -200.962+/-186.141 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

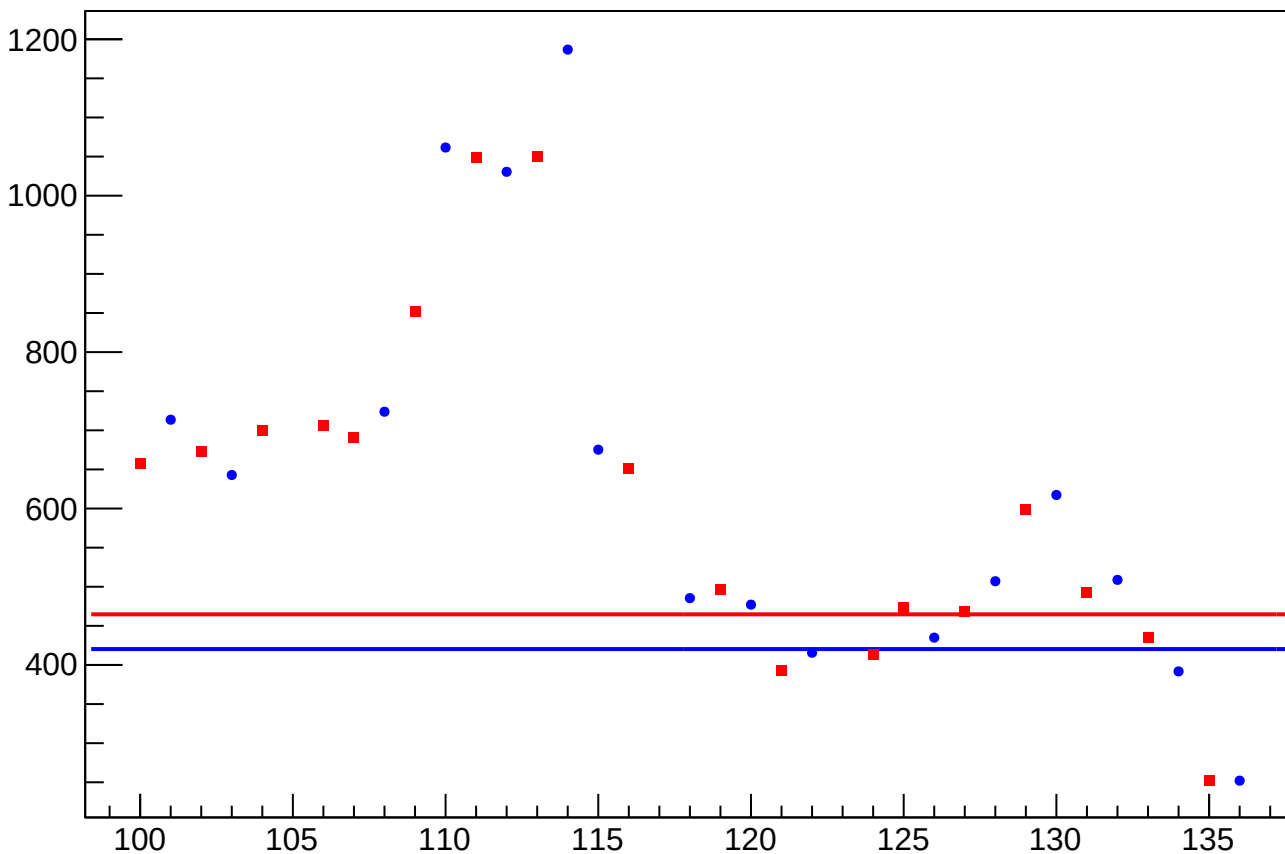
Right: -217.548+/-125.581 χ^2/NDF : 26.3/33

In: -231.405+/-170.132 χ^2/NDF : 10.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -217.548+/-125.581 χ^2/NDF : 26.3/33

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: 464.748+/-0.132 χ^2/NDF : 2013129.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

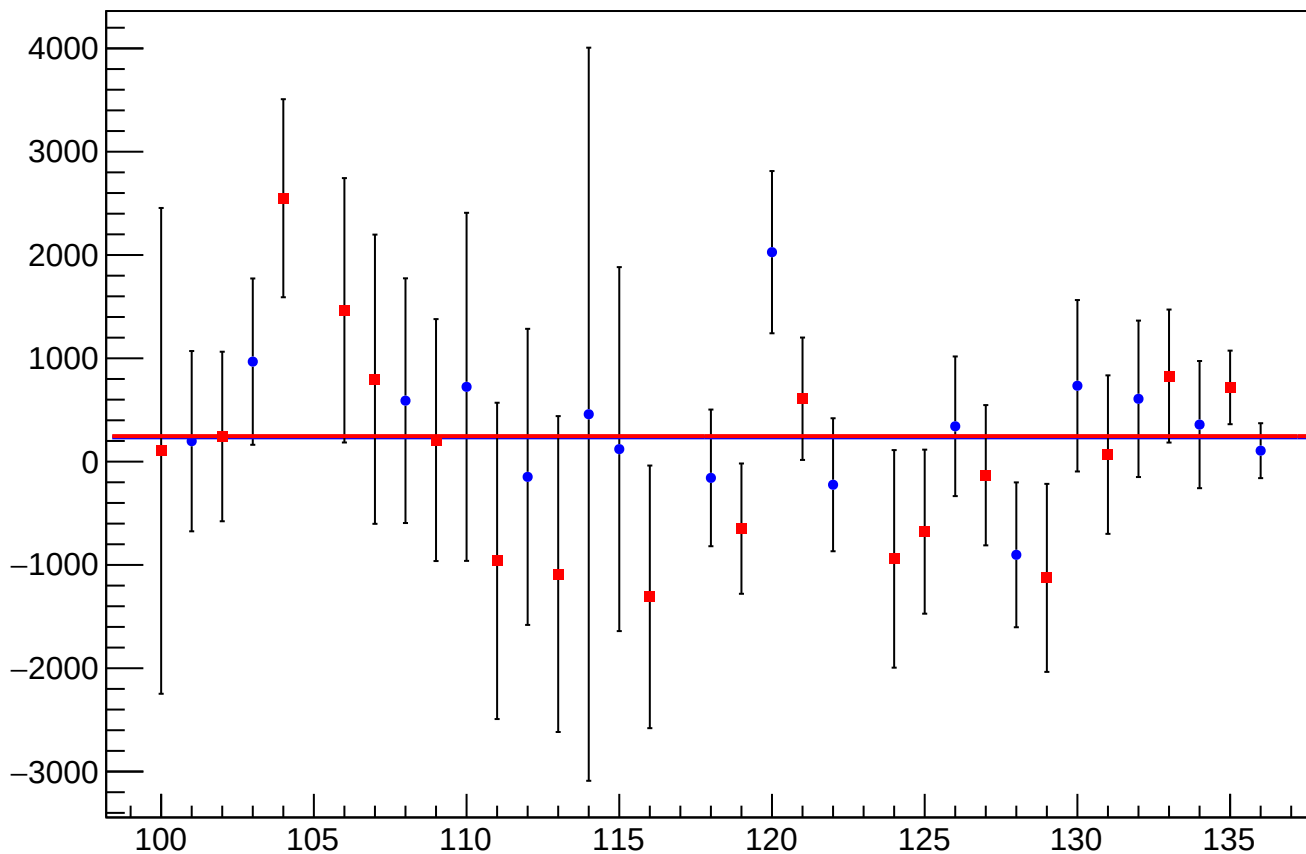
Right: 440.547+/-0.089 χ^2/NDF : 4329798.2/33

In: 420.329+/-0.120 χ^2/NDF :2254614.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 440.547+/-0.089 χ^2/NDF : 4329798.2/33

asym_sam1_mean vs Slug, Sign Corrected



Right In: 235.054+/-168.199 χ^2/NDF : 10.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 246.974+/-184.716 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

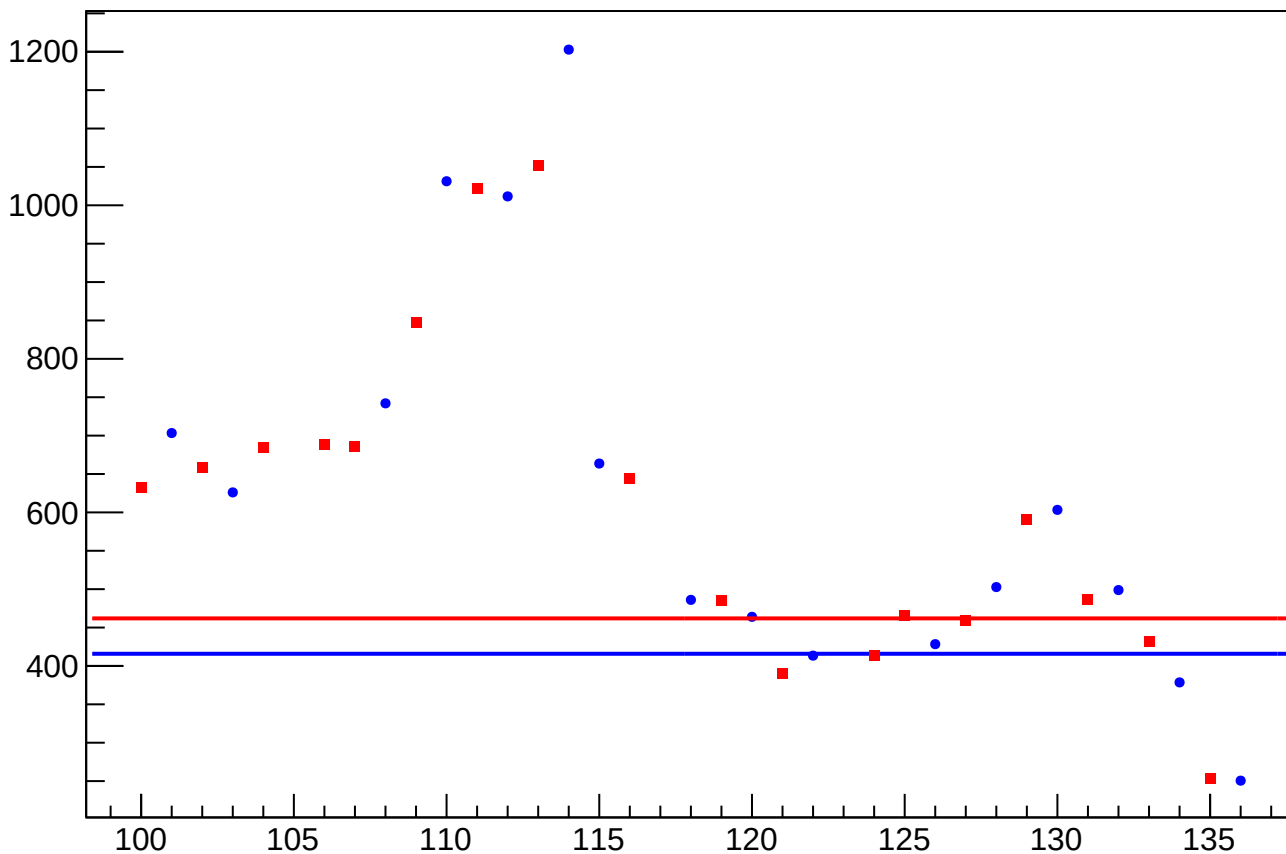
Right: 240.457+/-124.365 χ^2/NDF : 30.6/33

In: 235.054+/-168.199 χ^2/NDF : 10.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.457+/-124.365 χ^2/NDF : 30.6/33

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: 461.918+/-0.131 χ^2/NDF : 1936696.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

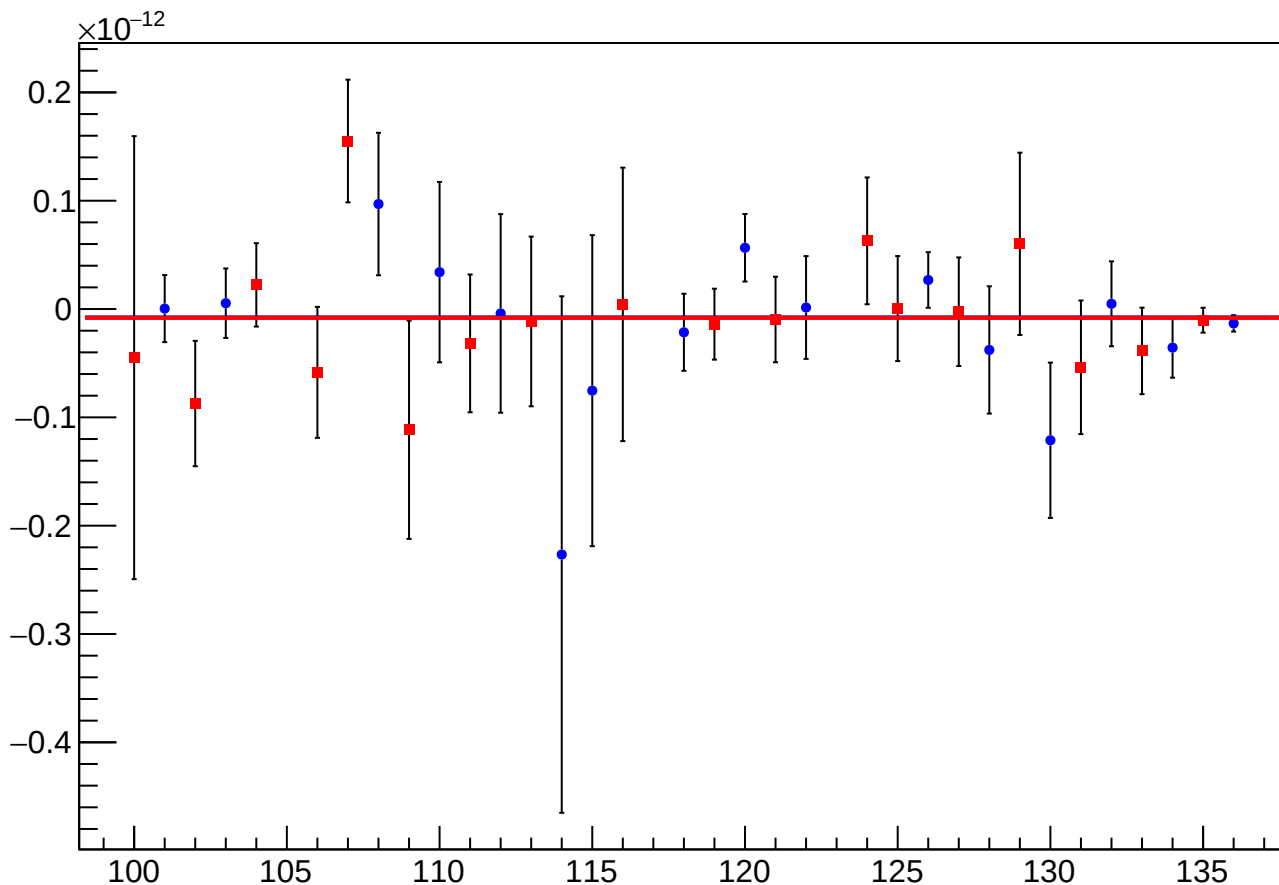
Right: 436.727+/-0.088 χ^2/NDF : 4228686.9/33

In: 415.840+/-0.119 χ^2/NDF : 2223949.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 436.727+/-0.088 χ^2/NDF : 4228686.9/33

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 : 16.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

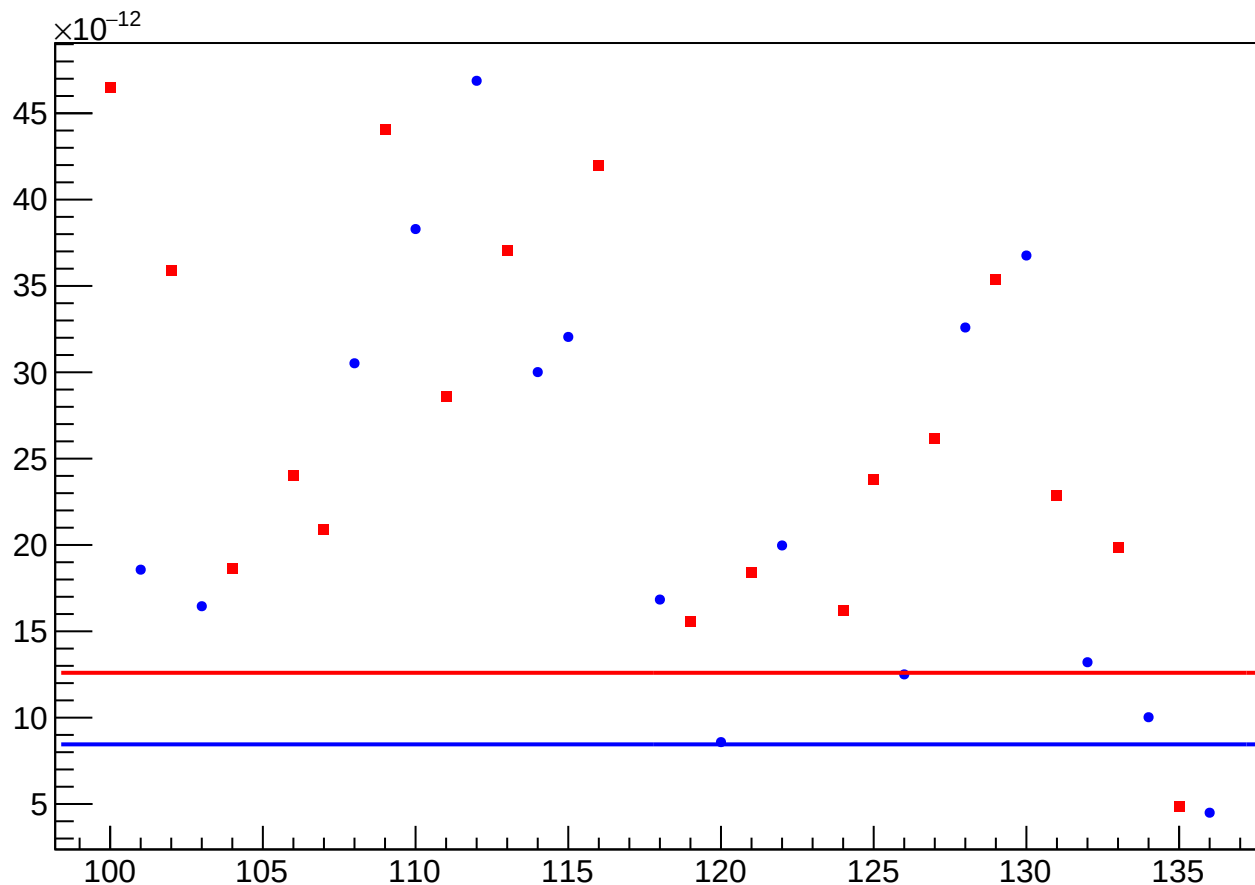
Right: -0.000+/-0.000 χ^2/NDF : 30.9/33

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 : 30.9/33

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 : 2659015.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

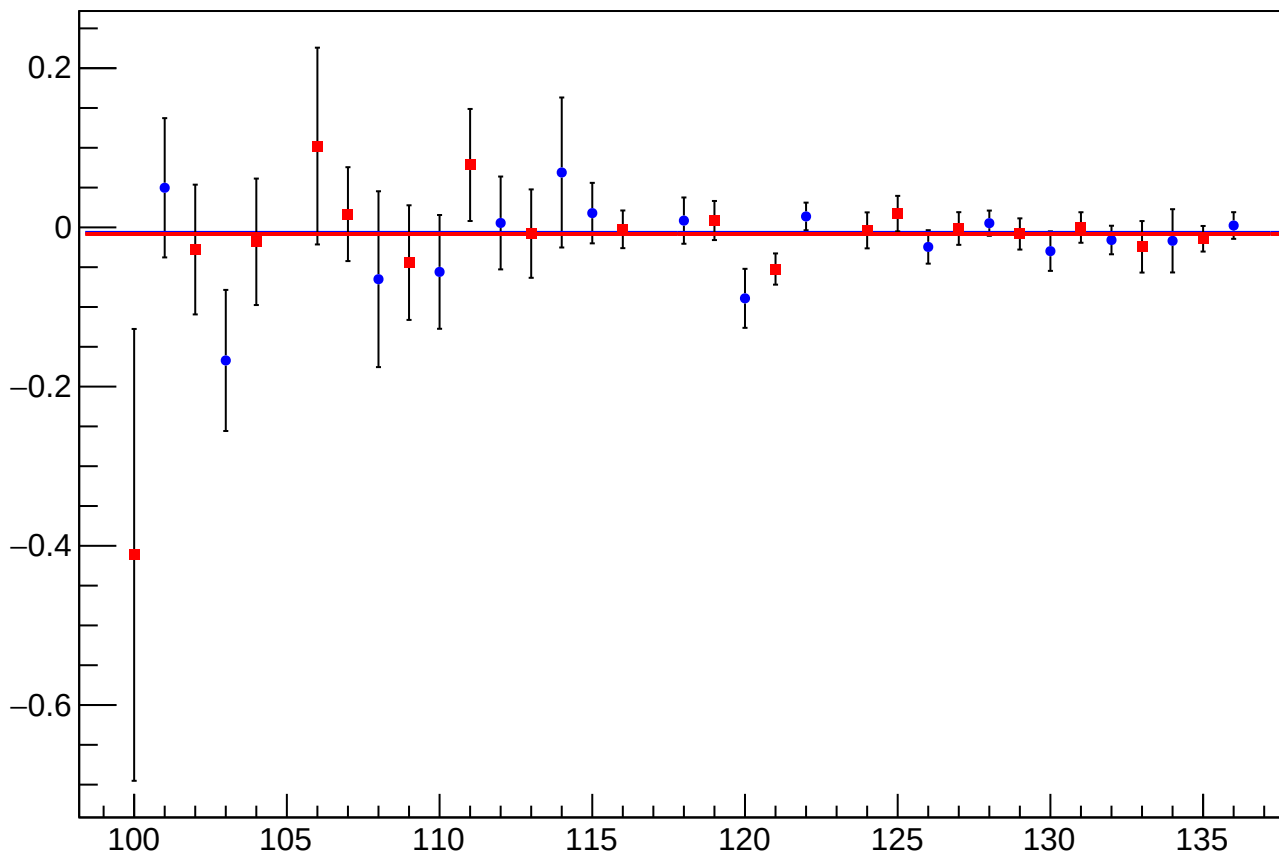
Right: 0.000+/-0.000 χ^2/NDF : 5721280.1/33

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 : 5721280.1/33

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: -0.008 ± 0.006 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

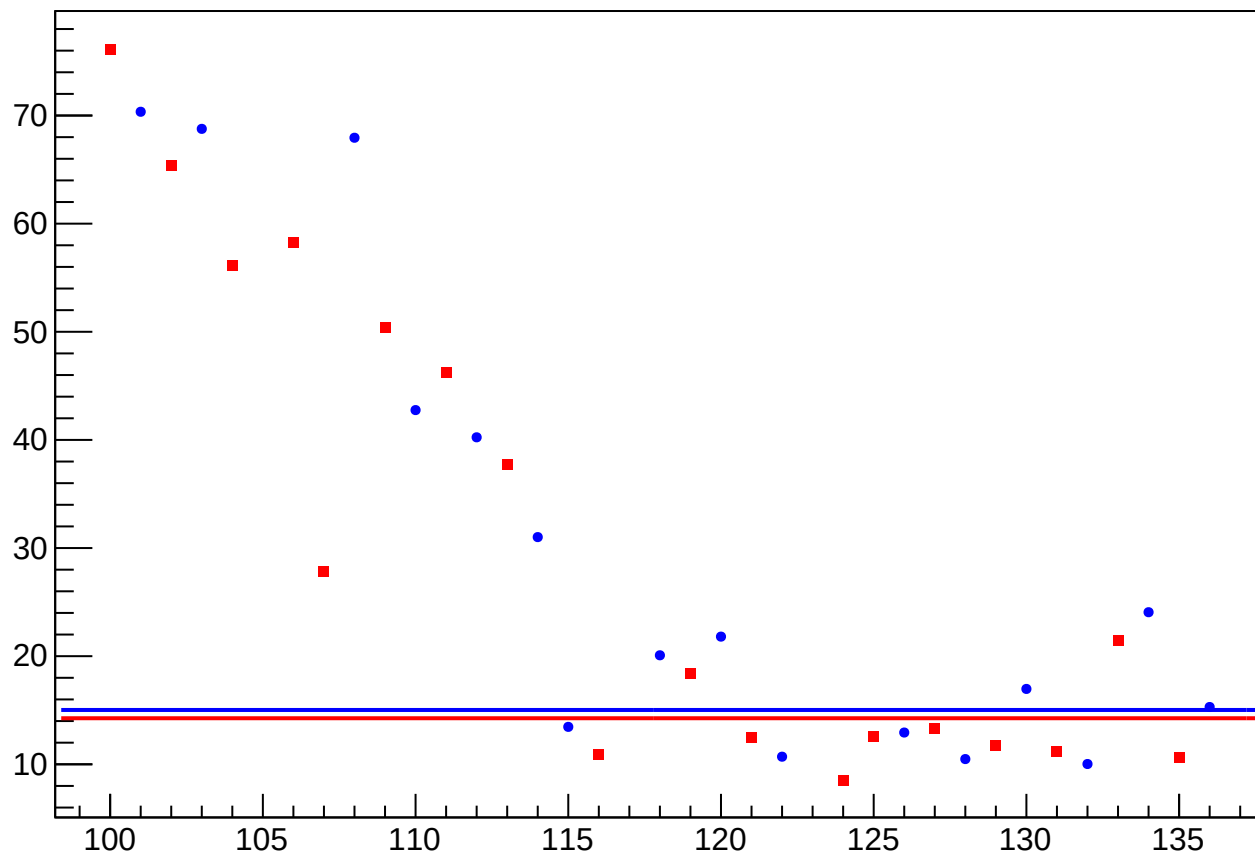
Right: -0.008 ± 0.005 χ^2/NDF : 27.4/33

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 : 27.4/33

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: 14.260+/-0.005 χ^2/NDF : 3613619.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

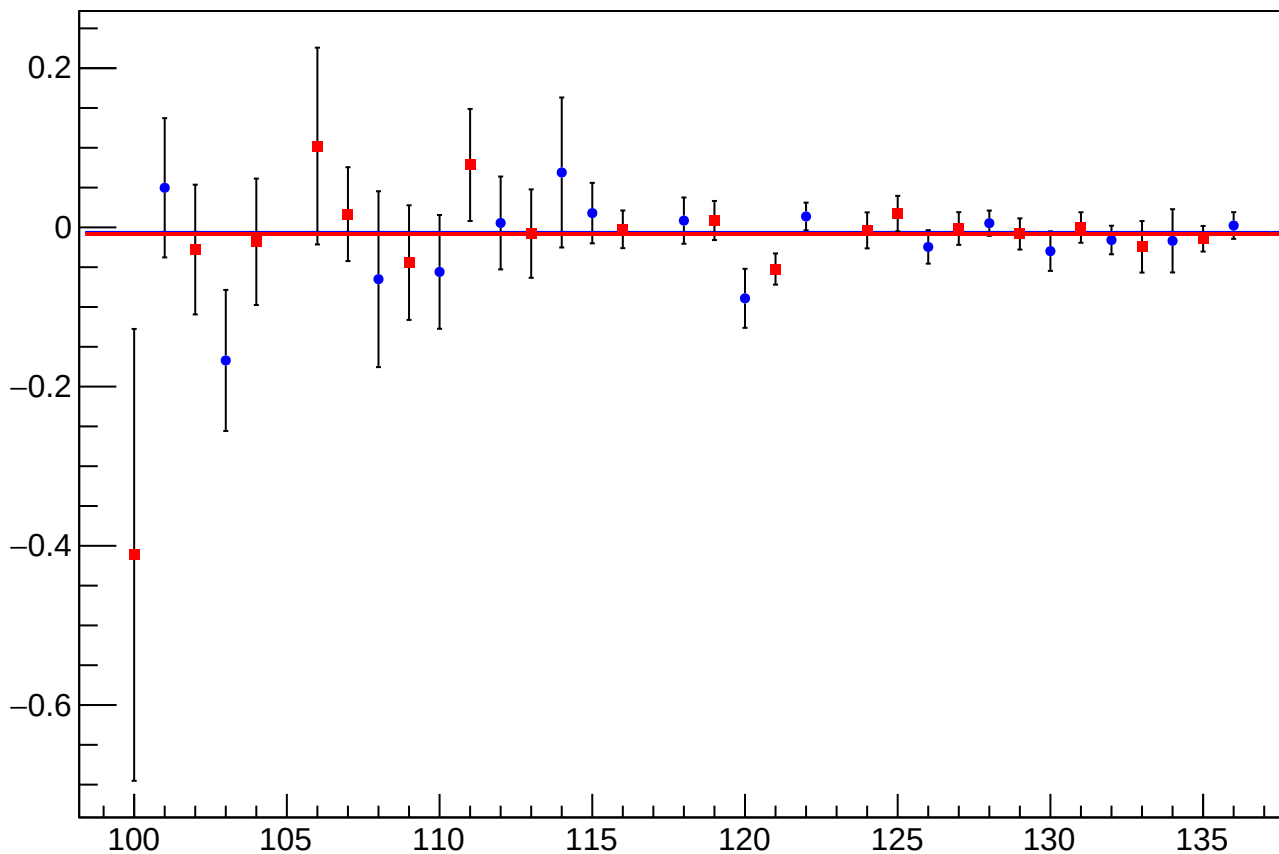
Right: 14.627+/-0.003 χ^2/NDF : 7065346.7/33

In: 15.026+/-0.005 χ^2/NDF :3438260.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.627+/-0.003 χ^2/NDF : 7065346.7/33

asym_sam1_dit_vs_eigen_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: -0.008 $\pm$ 0.006 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

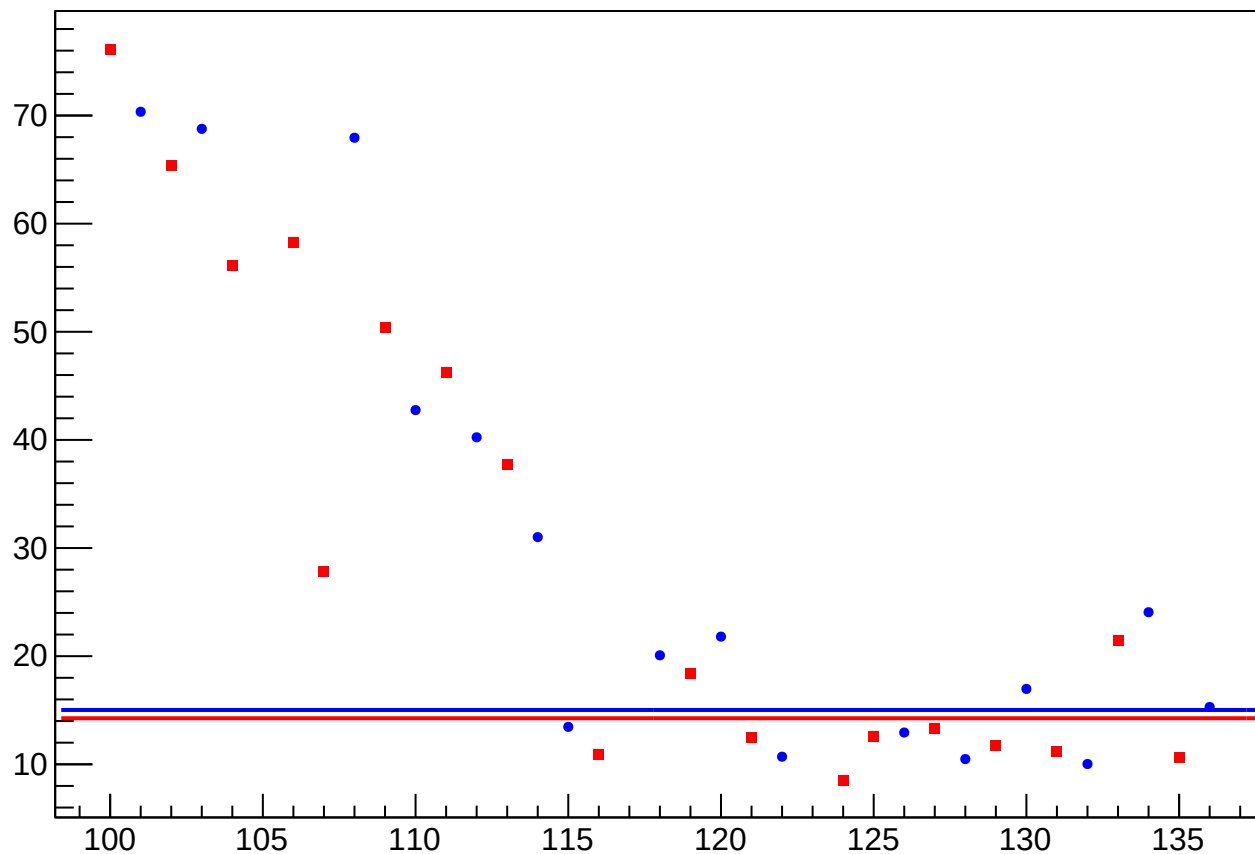
Right: -0.008 $\pm$ 0.005 χ^2 /NDF: 27.4/33

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: 27.4/33

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: 14.260+/-0.005 χ^2/NDF : 3613619.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

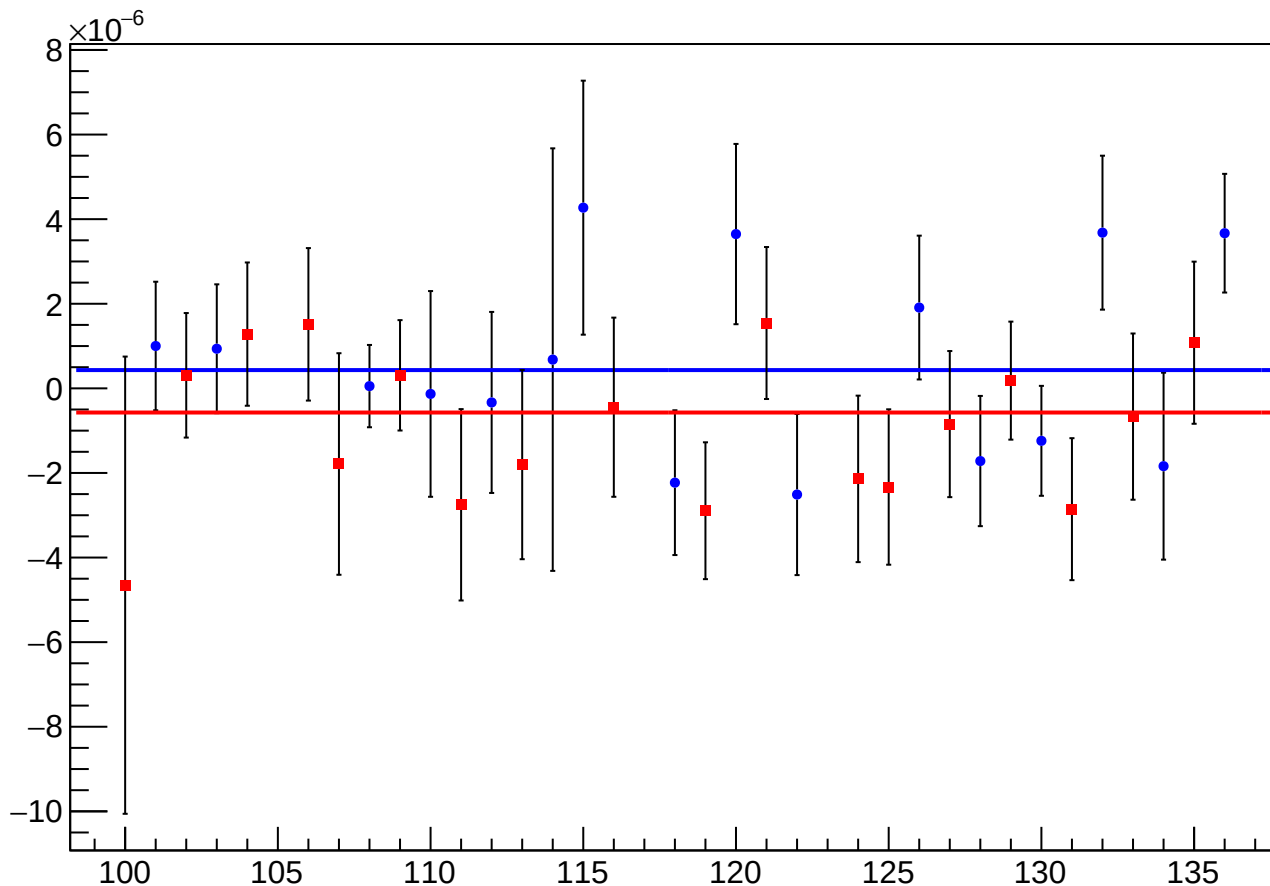
Right: 14.627+/-0.003 χ^2/NDF : 7065346.7/33

In: 15.026+/-0.005 χ^2/NDF :3438260.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.627+/-0.003 χ^2/NDF : 7065346.7/33

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 : 13.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

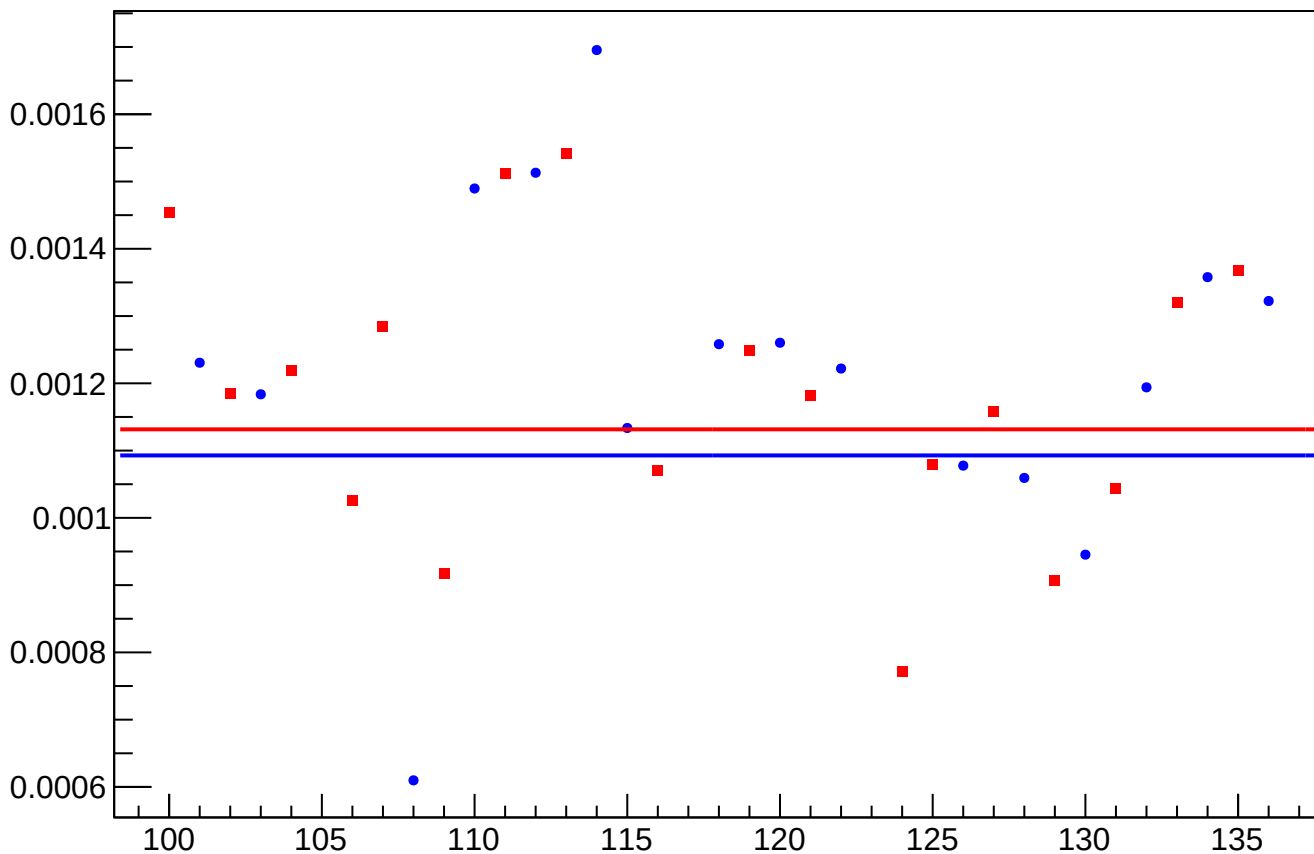
Right: -0.000 ± 0.000 χ^2/NDF : 39.3/33

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 : 39.3/33

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 : 395853.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

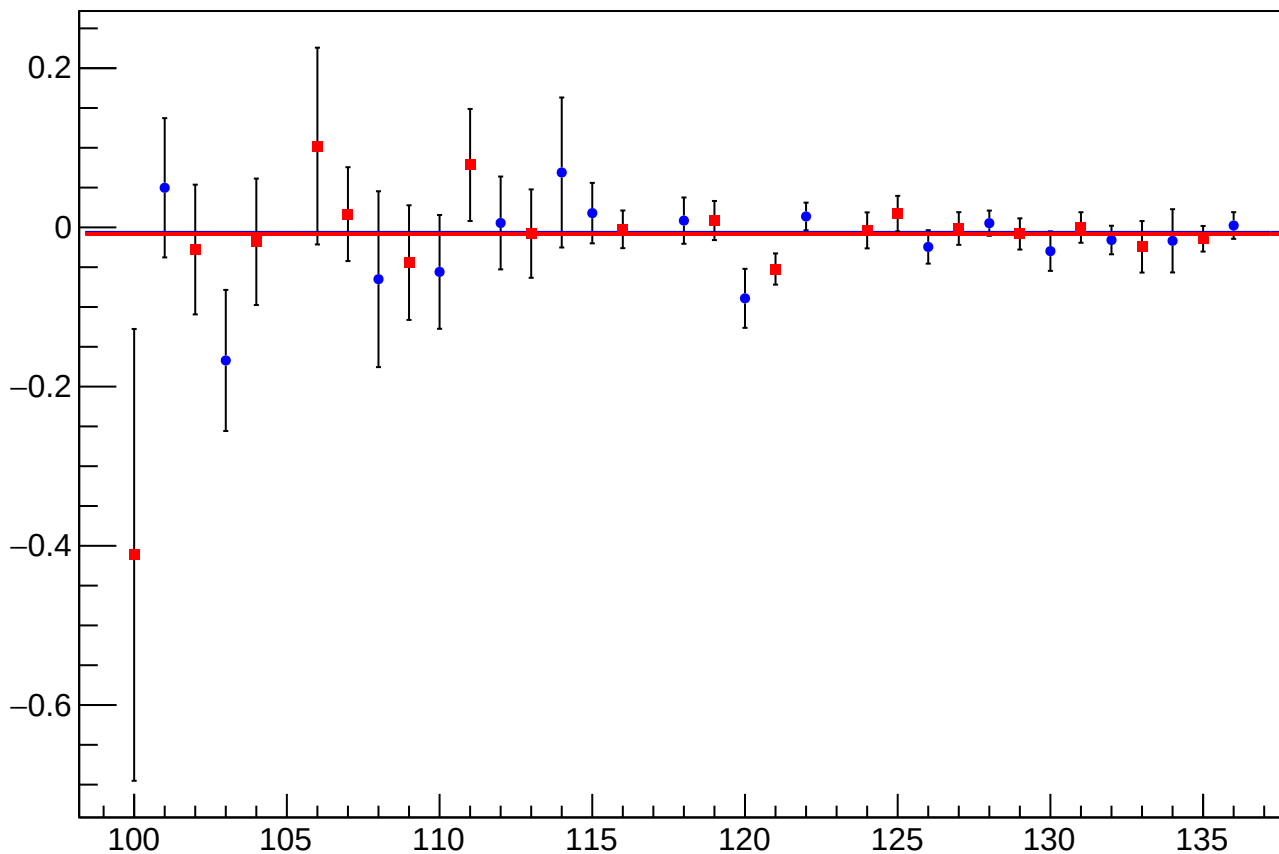
Right: 0.001+/-0.000 χ^2/NDF : 1236083.2/33

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 : 1236083.2/33

asym_sam1_eigen_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: -0.008 ± 0.006 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

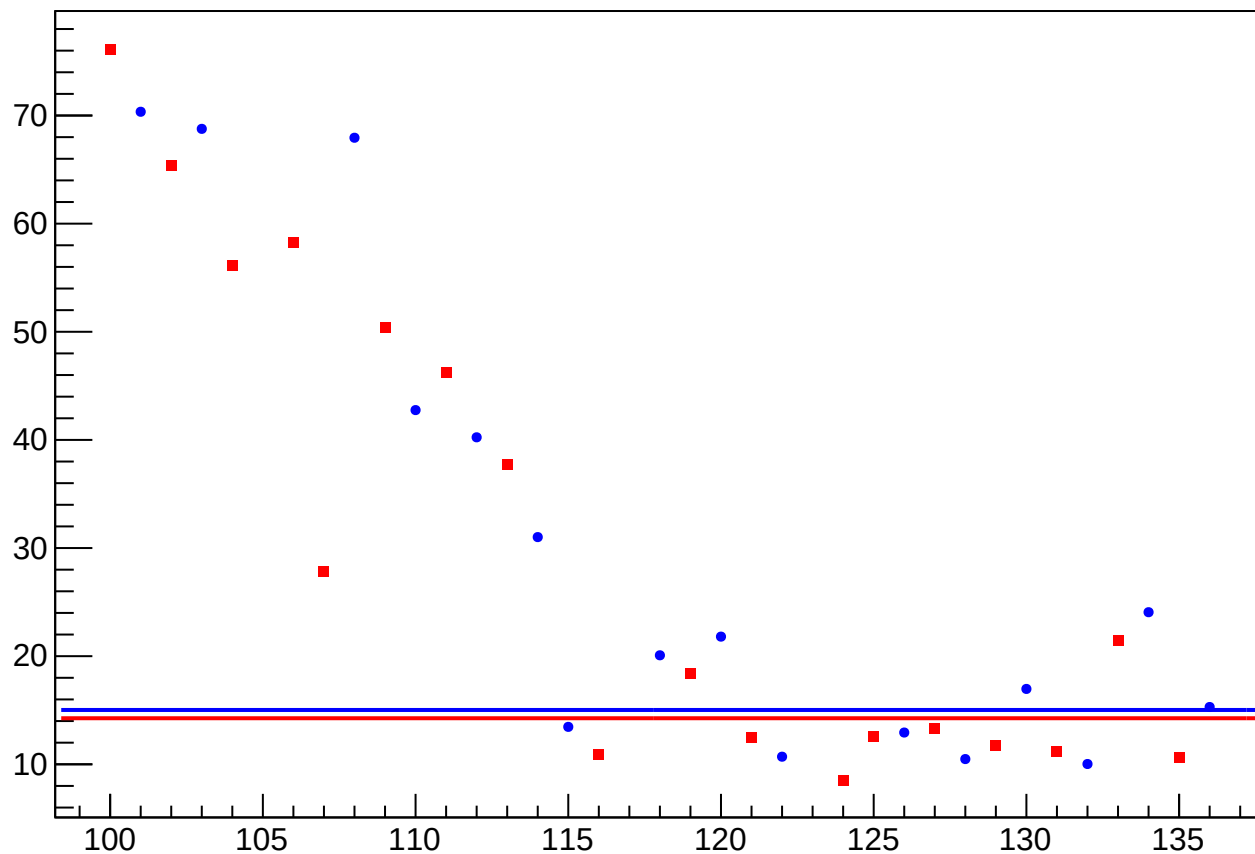
Right: -0.008 ± 0.005 χ^2/NDF : 27.4/33

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 : 27.4/33

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: 14.259+/-0.005 χ^2/NDF : 3613609.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

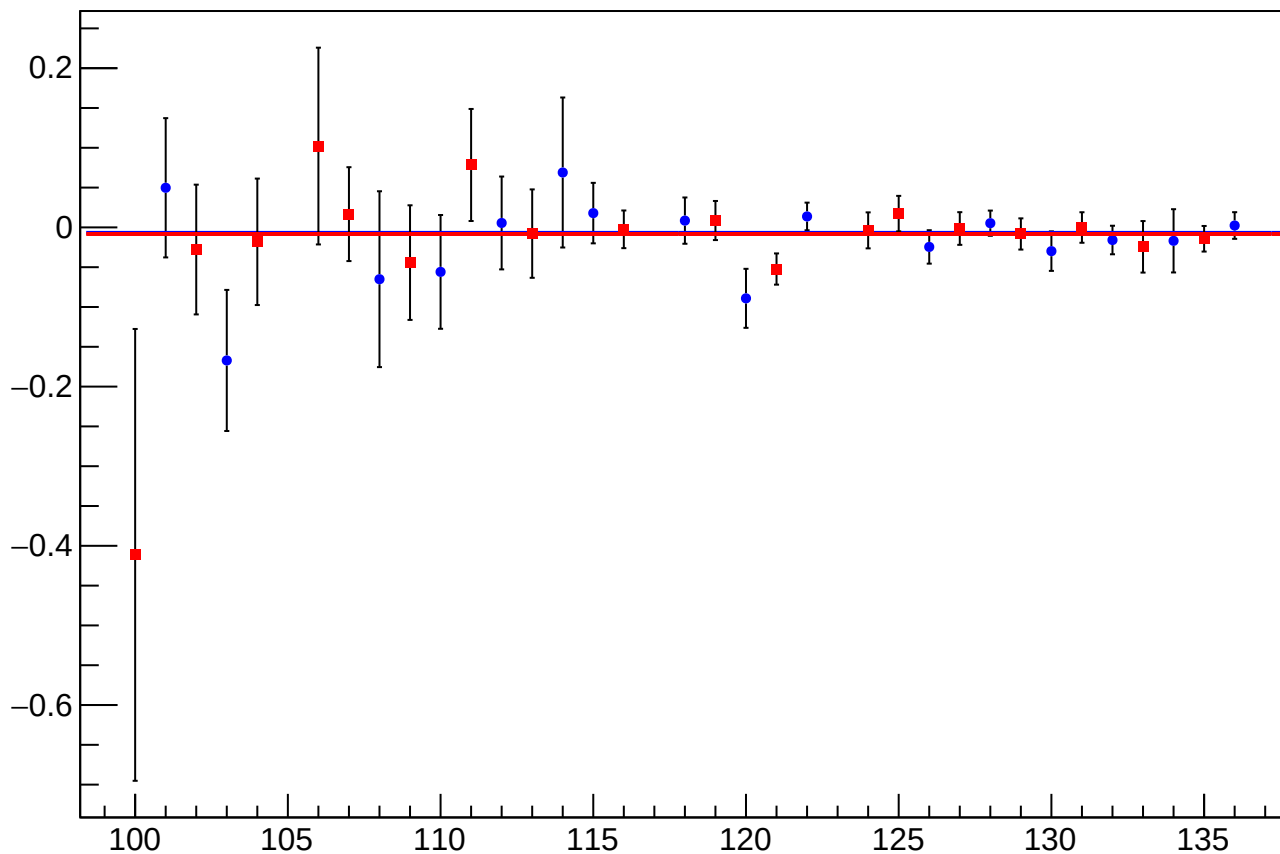
Right: 14.627+/-0.003 χ^2/NDF : 7065351.9/33

In: 15.025+/-0.005 χ^2/NDF :3438279.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.627+/-0.003 χ^2/NDF : 7065351.9/33

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: -0.008+/-0.006 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

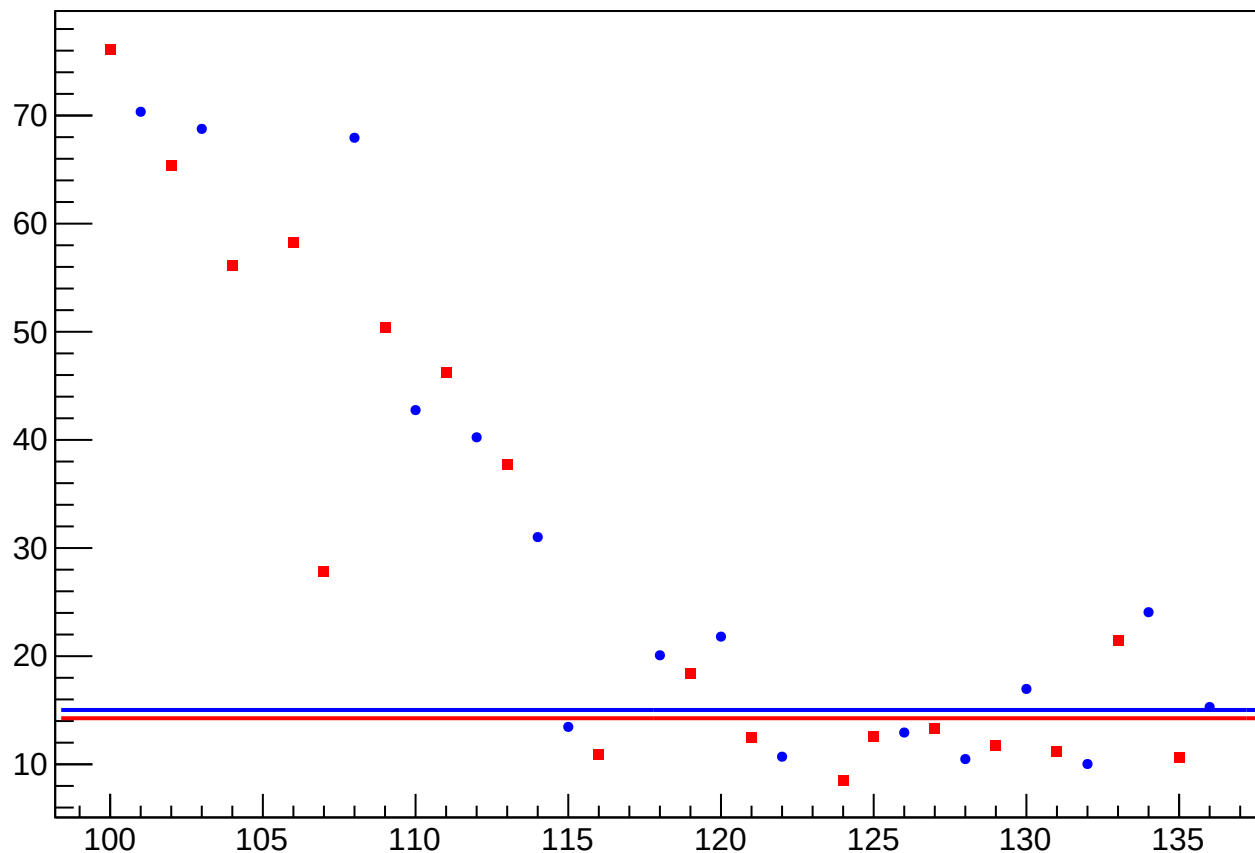
Right: -0.008+/-0.005 χ^2 /NDF: 27.4/33

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: 27.4/33

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: 14.259+/-0.005 χ^2/NDF : 3613609.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

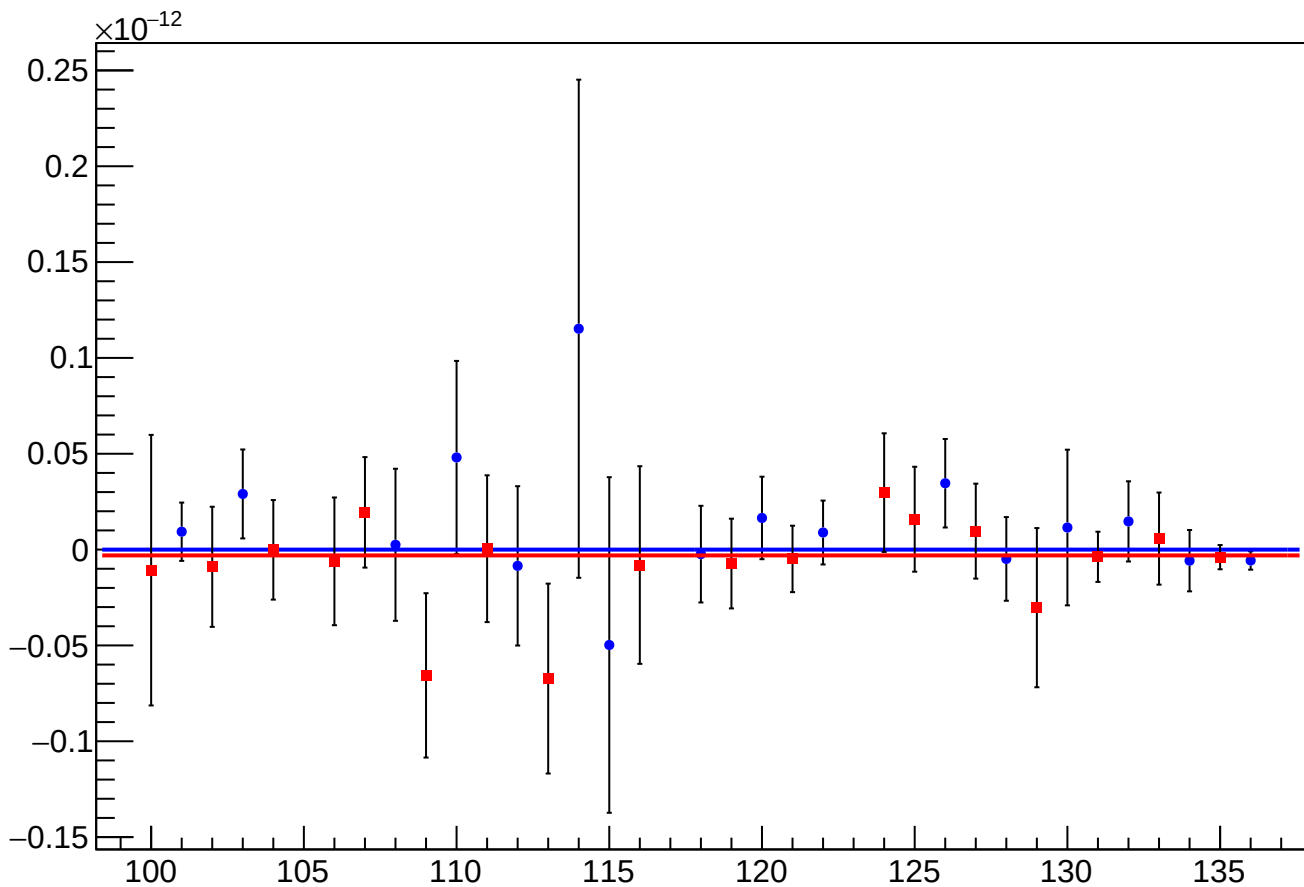
Right: 14.627+/-0.003 χ^2/NDF : 7065351.9/33

In: 15.025+/-0.005 χ^2/NDF :3438279.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 14.627+/-0.003 χ^2/NDF : 7065351.9/33

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: 7.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

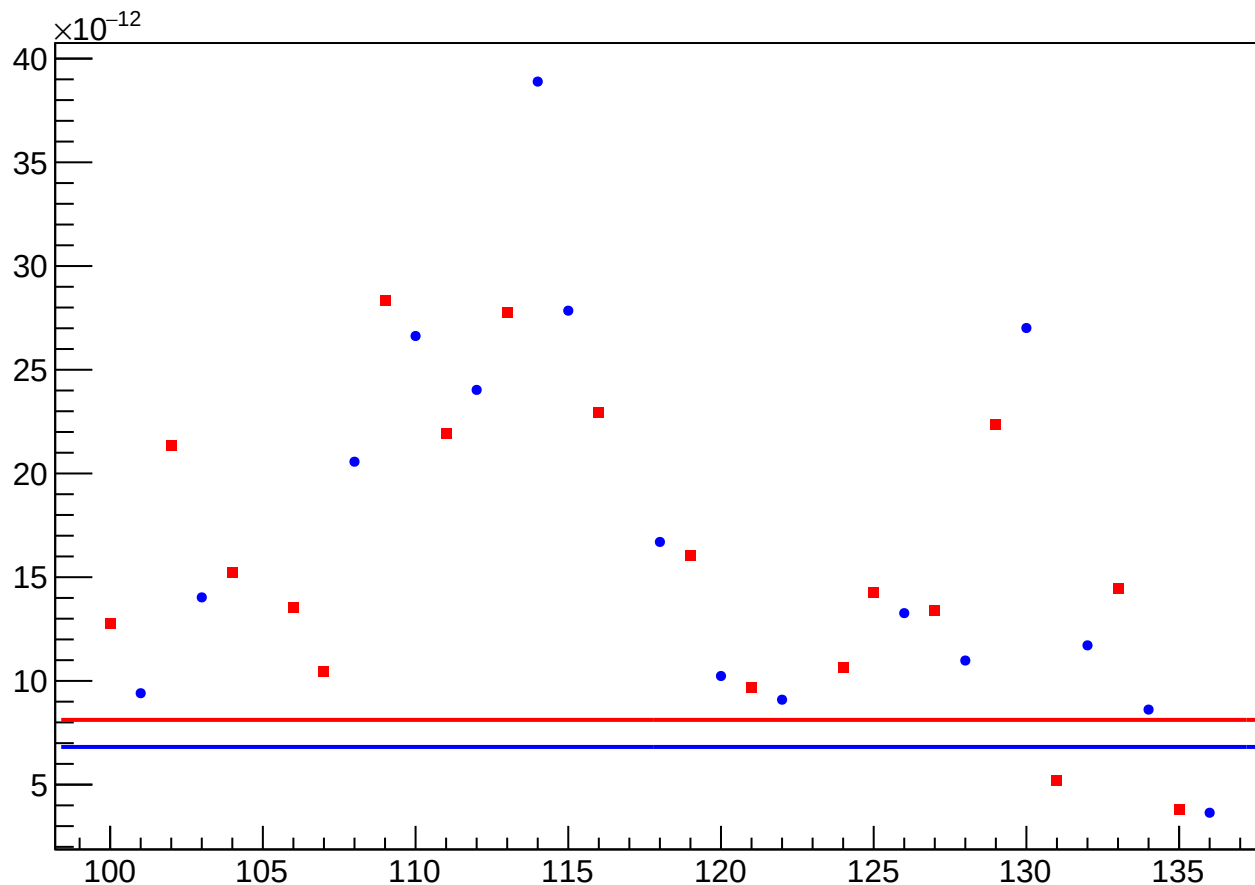
Right: -0.000+/-0.000 χ^2 /NDF: 16.6/33

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: 16.6/33

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 : 3617746.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

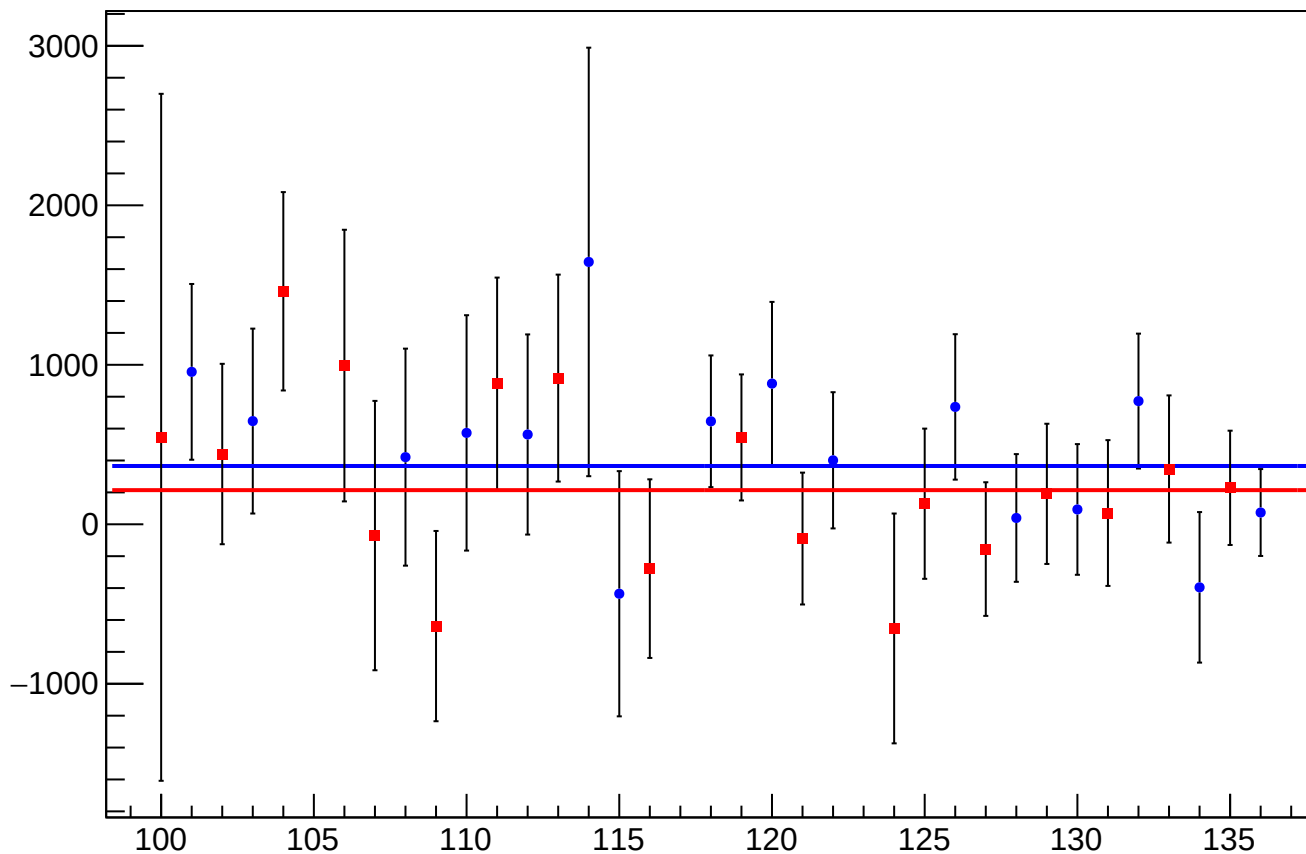
Right: 0.000+/-0.000 χ^2/NDF : 7227207.0/33

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 : 7227207.0/33

reg_asym_sam2_mean vs Slug, Sign Corrected



Right In: 365.540+/-118.873 χ^2/NDF : 11.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 214.113+/-122.928 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

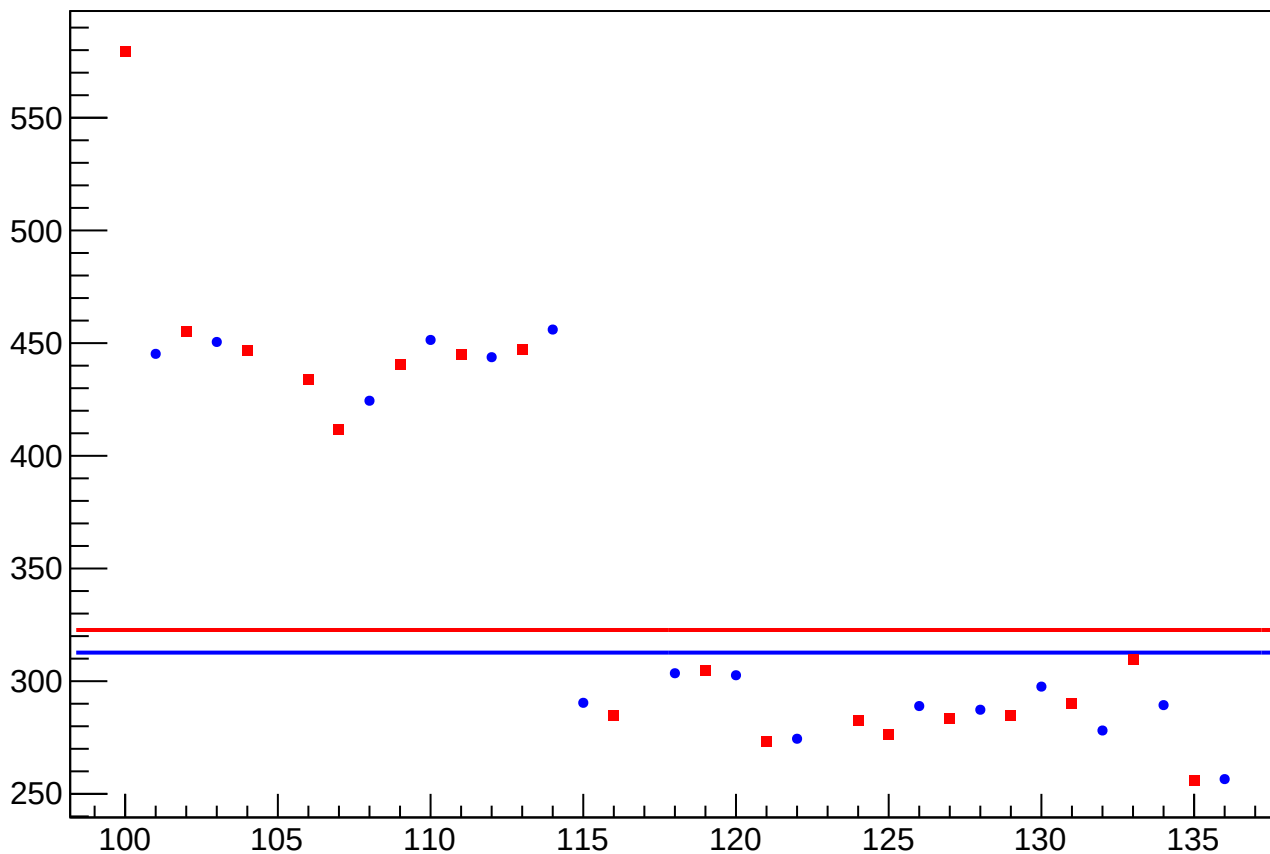
Right: 292.365+/-85.454 χ^2/NDF : 26.1/33

In: 365.540+/-118.873 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 292.365+/-85.454 χ^2/NDF : 26.1/33

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: 322.716+/-0.087 χ^2/NDF : 673065.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

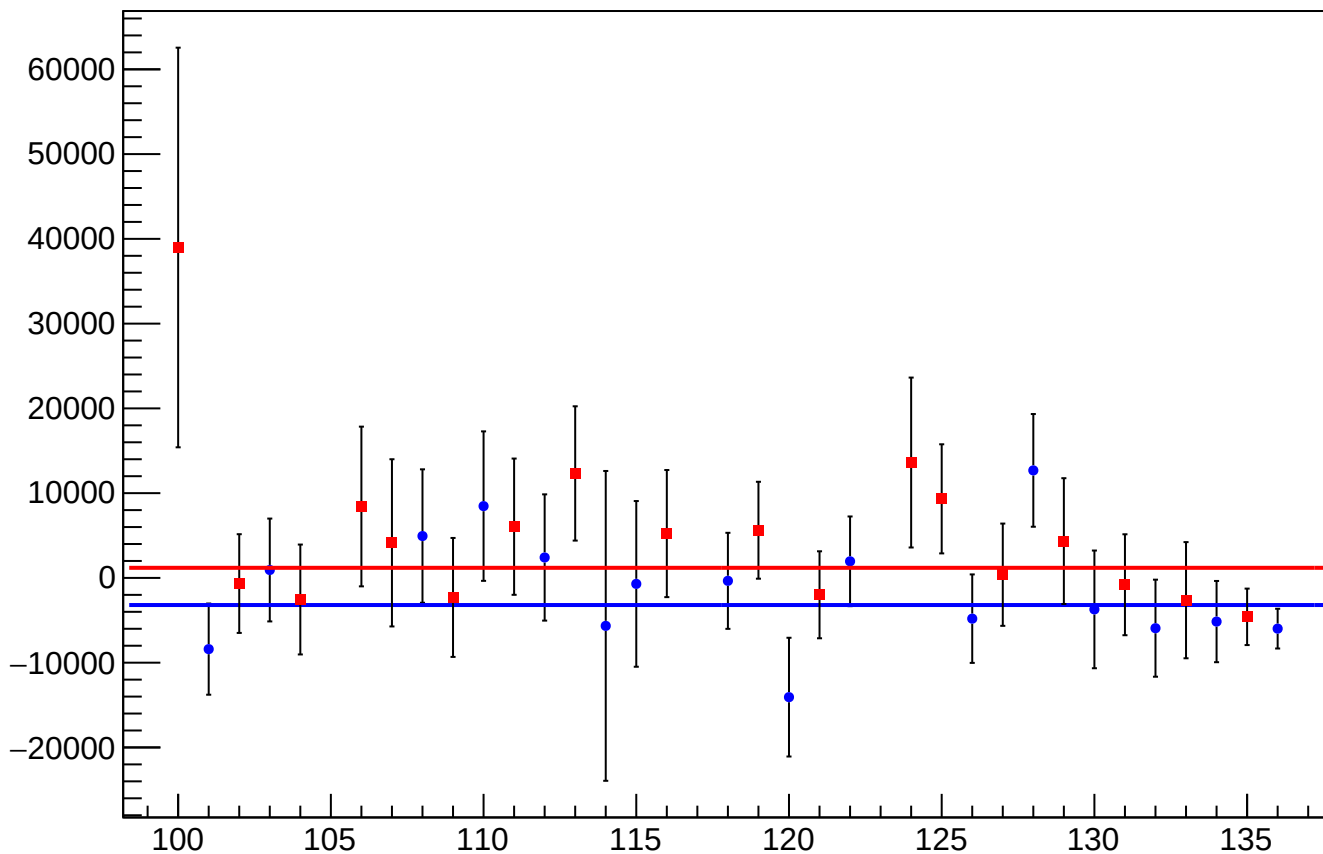
Right: 317.531+/-0.060 χ^2/NDF : 1282157.6/33

In: 312.683+/-0.084 χ^2/NDF :602207.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 317.531+/-0.060 χ^2/NDF : 1282157.6/33

asym_sam2_reg_correction_mean vs Slug, Sign Corrected



Right In: -3198.742+/-1353.814 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1192.134+/-1517.761 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

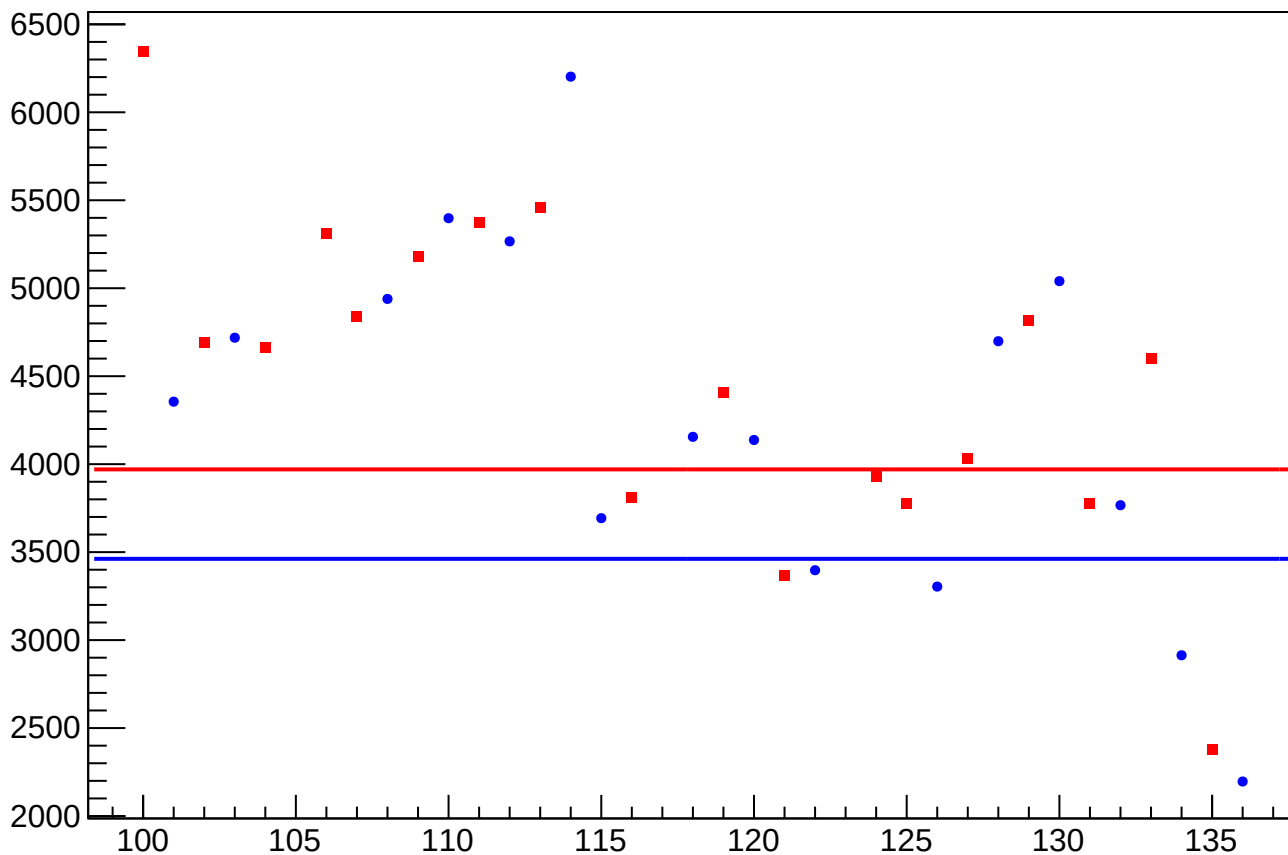
Right: -1253.178+/-1010.300 χ^2/NDF : 35.1/33

In: -3198.742+/-1353.814 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1253.178+/-1010.300 χ^2/NDF : 35.1/33

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: 3970.352+/-1.073 χ^2/NDF : 864541.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

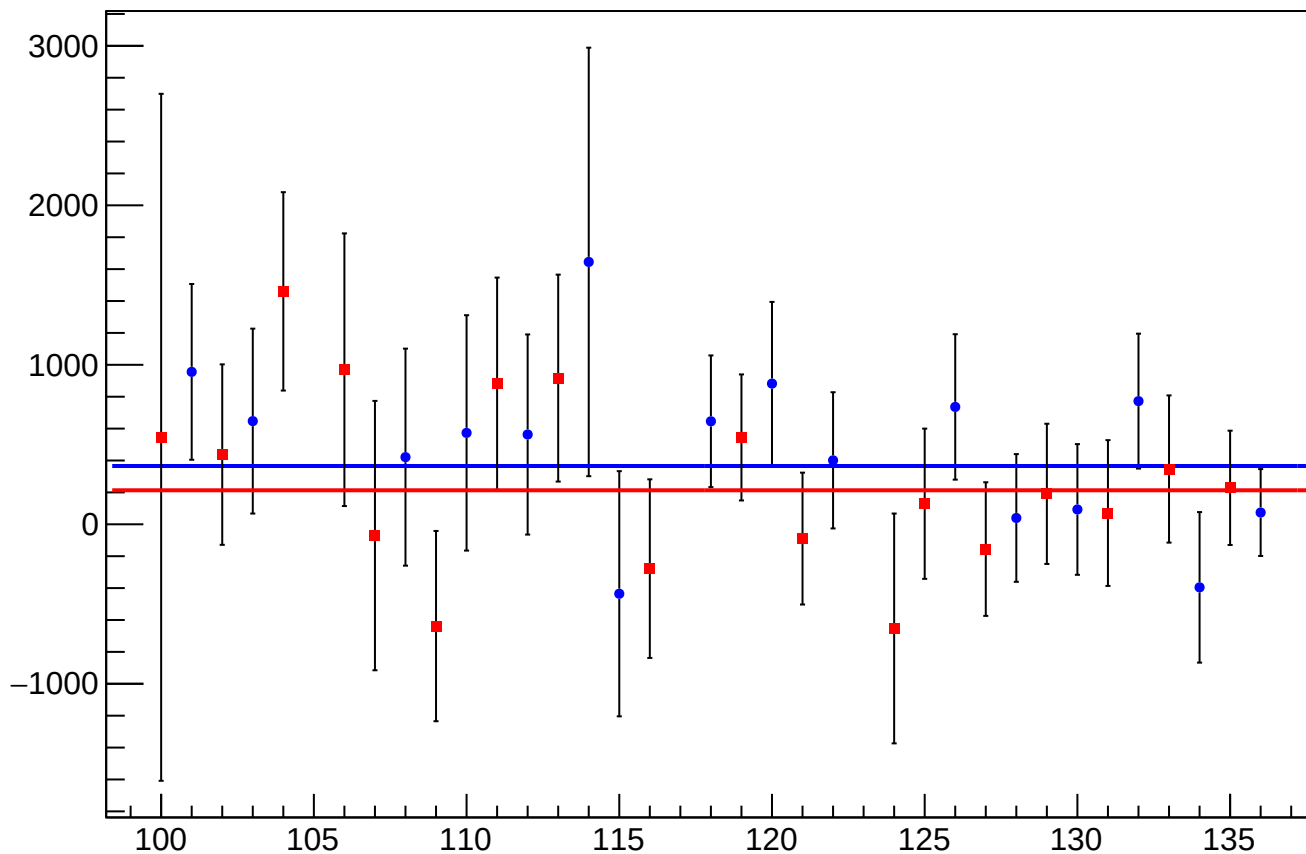
Right: 3687.206+/-0.714 χ^2/NDF : 2299107.0/33

In: 3461.927+/-0.957 χ^2/NDF : 1309580.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3687.206+/-0.714 χ^2/NDF : 2299107.0/33

cor_asym_sam2_mean vs Slug, Sign Corrected



Right In: 365.523 $\pm$ 118.873 χ^2 /NDF: 11.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 213.271 $\pm$ 122.940 χ^2 /NDF: 13.8/17

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

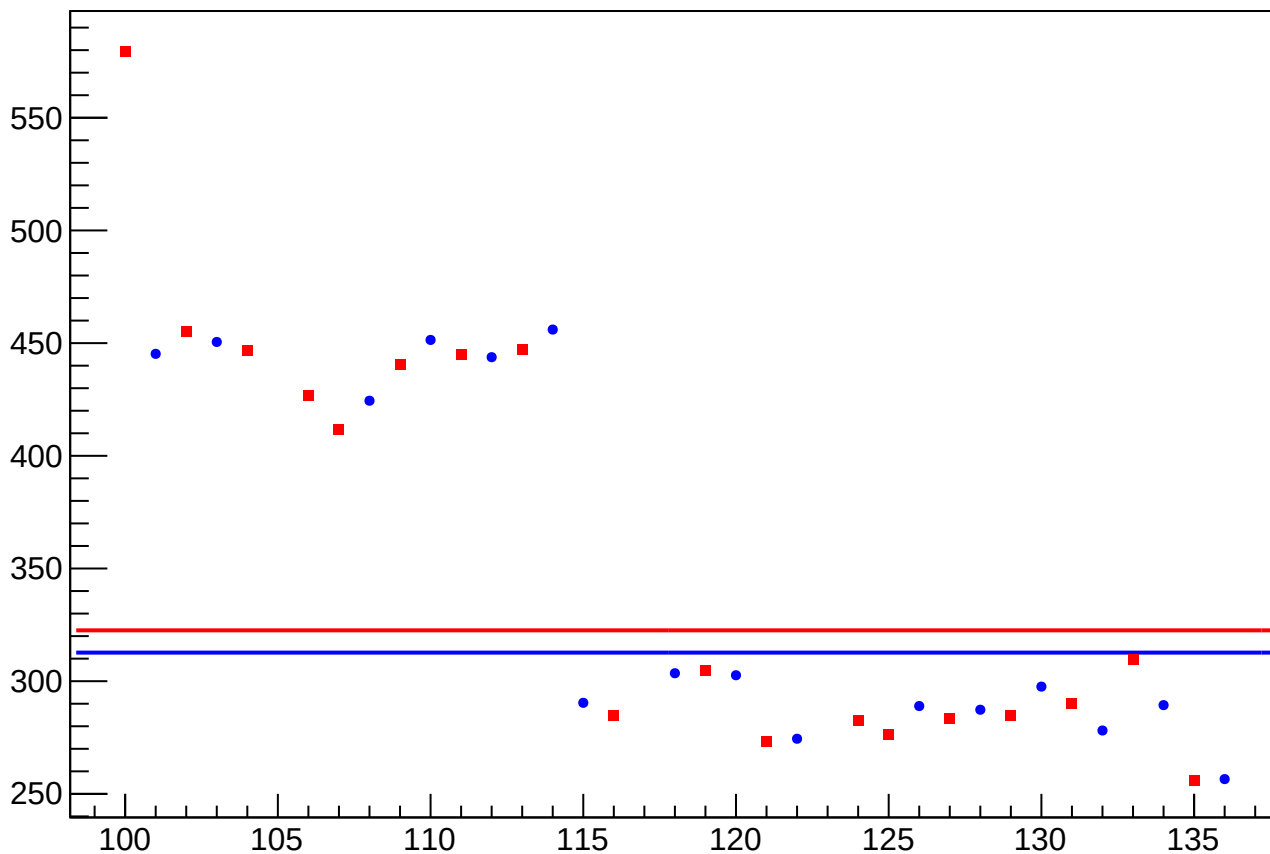
Right: 291.957 $\pm$ 85.458 χ^2 /NDF: 26.0/33

In: 365.523 $\pm$ 118.873 χ^2 /NDF:11.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 291.957 $\pm$ 85.458 χ^2 /NDF: 26.0/33

cor_asym_sam2_rms vs Slug, Sign Corrected



Right In: 312.683 $\pm$ 0.084 χ^2/NDF : 602209.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 322.561 $\pm$ 0.087 χ^2/NDF : 669018.9/17

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

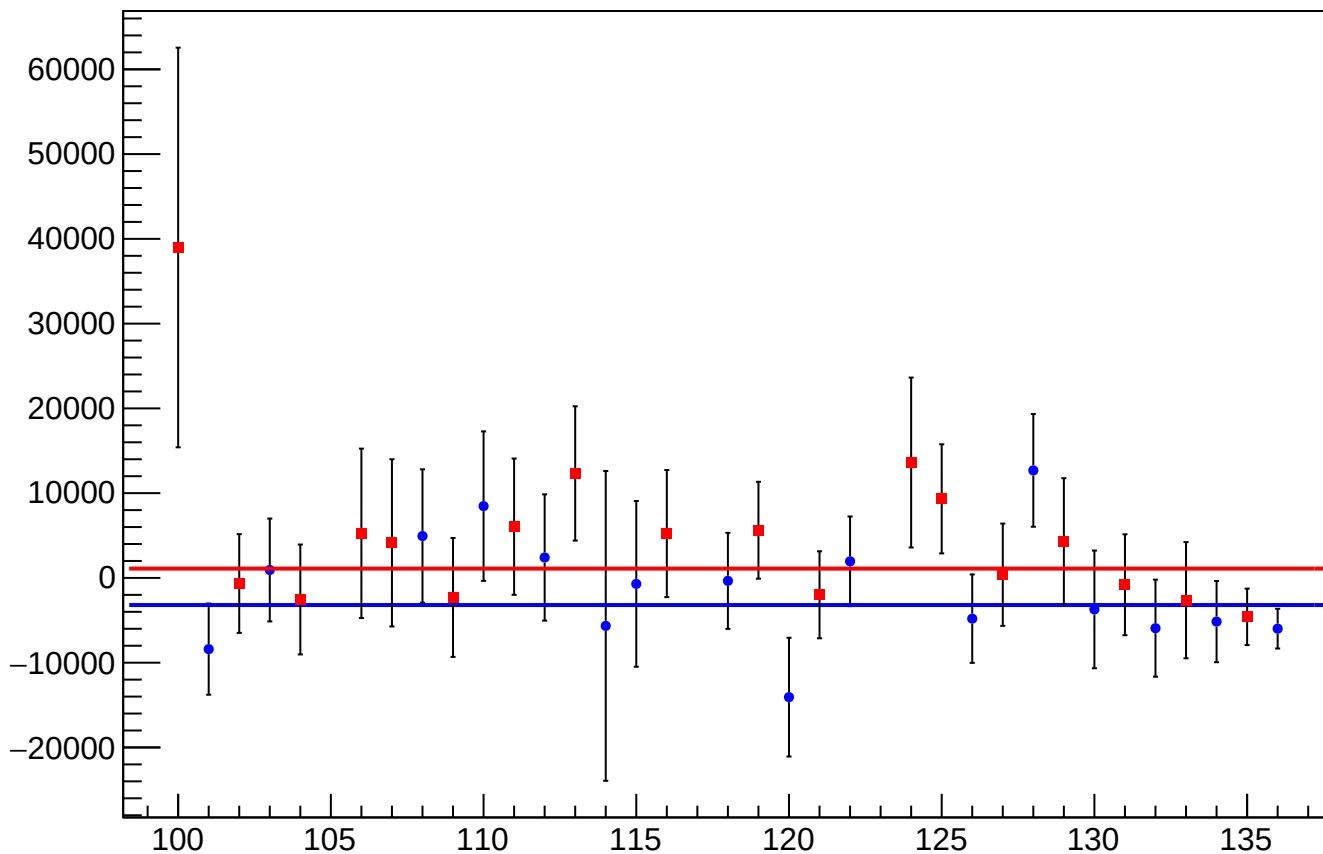
Right: 317.456 $\pm$ 0.060 χ^2/NDF : 1277901.7/33

In: 312.683 $\pm$ 0.084 χ^2/NDF : 602209.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 317.456 $\pm$ 0.060 χ^2/NDF : 1277901.7/33

asym_sam2_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: 1098.503+/-1520.015 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

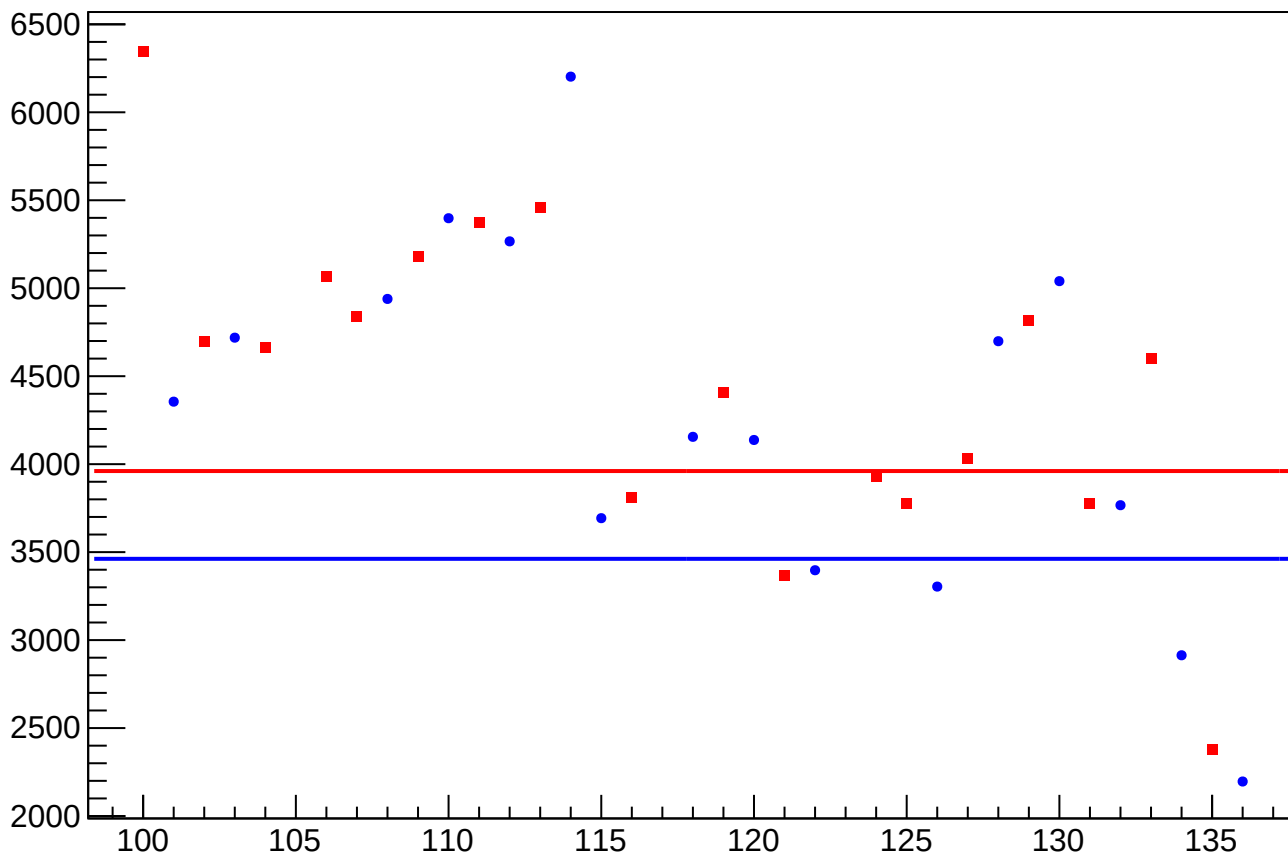
Right: -1297.771+/-1010.966 χ^2/NDF : 34.4/33

In: -3198.673+/-1353.816 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1297.771+/-1010.966 χ^2/NDF : 34.4/33

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: 3960.895+/-1.075 χ^2/NDF : 848146.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

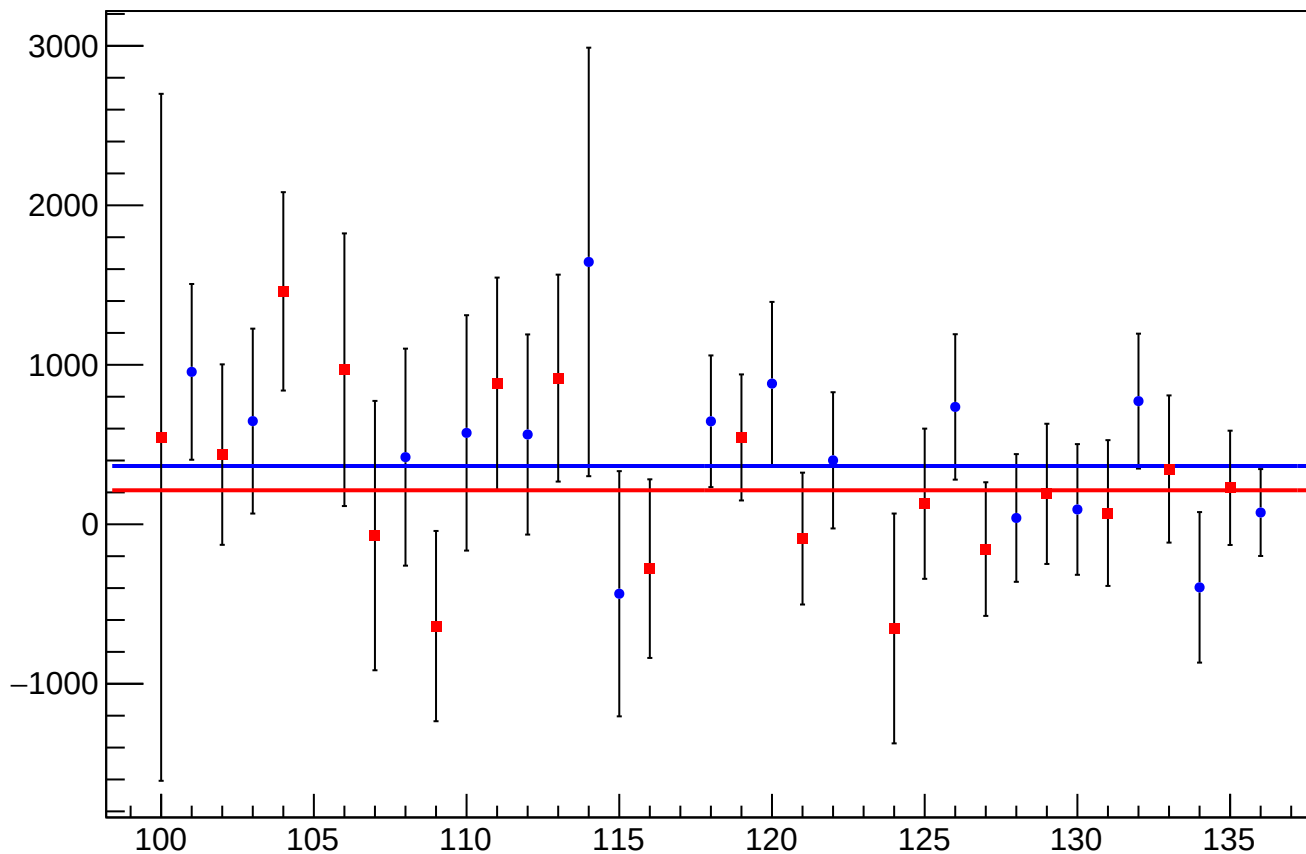
Right: 3682.653+/-0.715 χ^2/NDF : 2277920.8/33

In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3682.653+/-0.715 χ^2/NDF : 2277920.8/33

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: 213.271+/-122.940 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

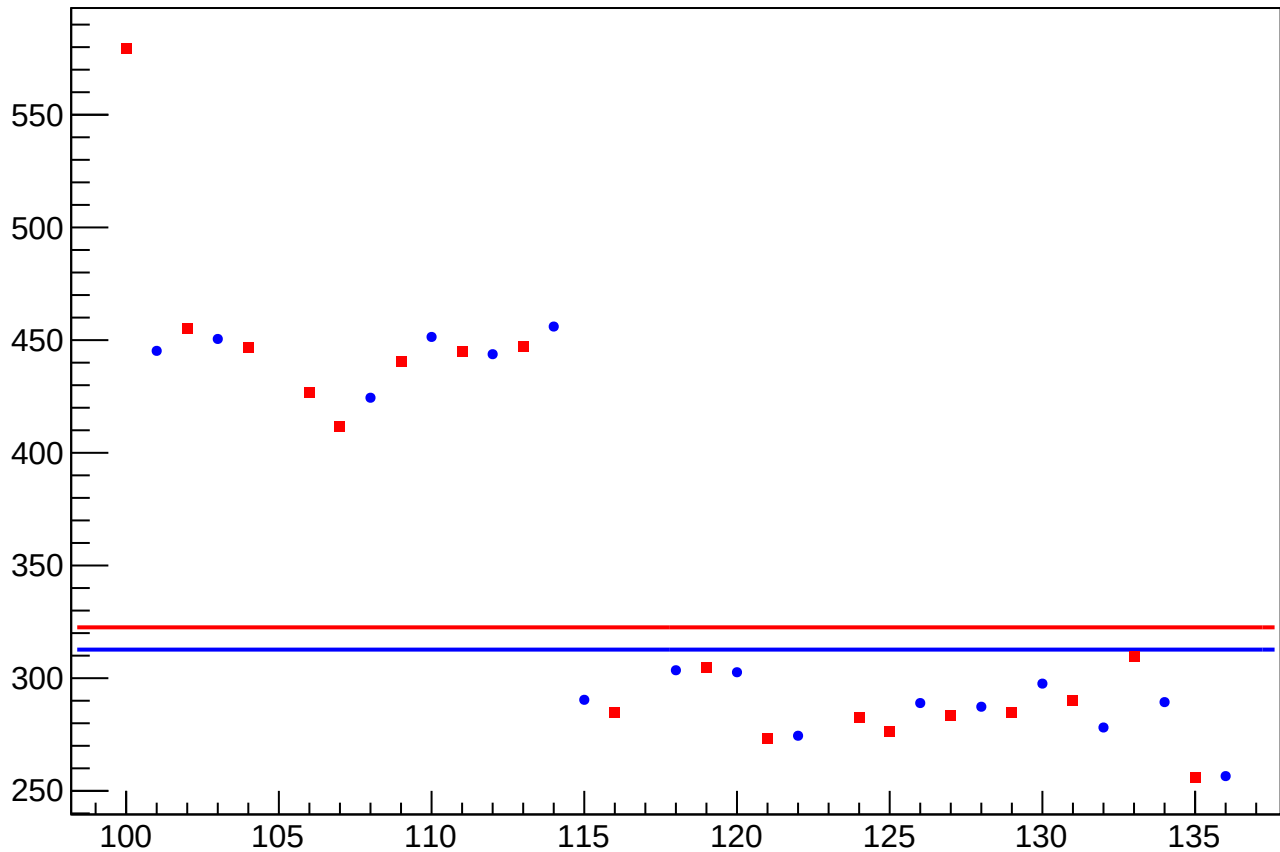
Right: 291.957+/-85.458 χ^2/NDF : 26.0/33

In: 365.523+/-118.873 χ^2/NDF : 11.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 291.957+/-85.458 χ^2/NDF : 26.0/33

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: 322.561+/-0.087 χ^2/NDF : 669018.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

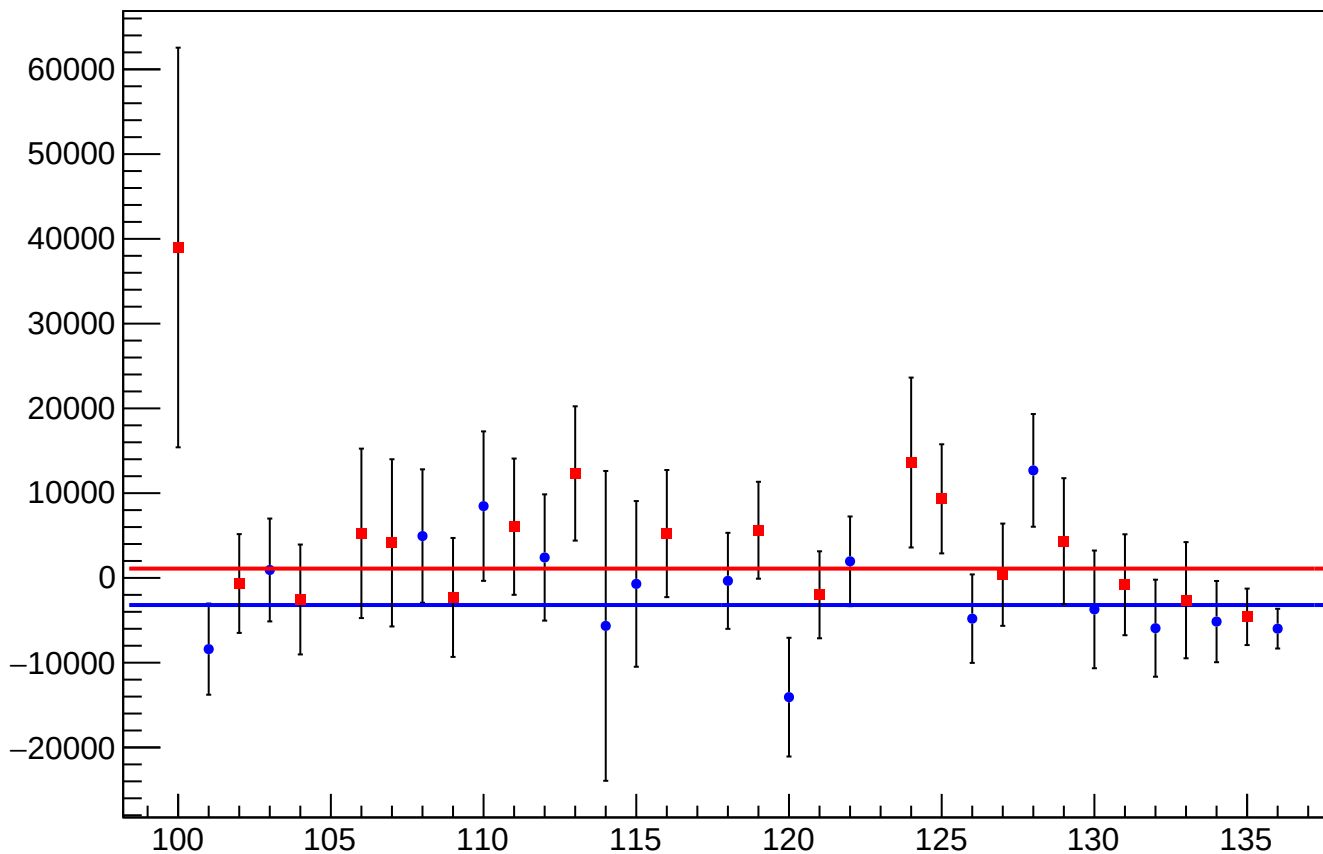
Right: 317.456+/-0.060 χ^2/NDF : 1277901.7/33

In: 312.683+/-0.084 χ^2/NDF : 602209.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.456+/-0.060 χ^2/NDF : 1277901.7/33

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: 1098.503+/-1520.015 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

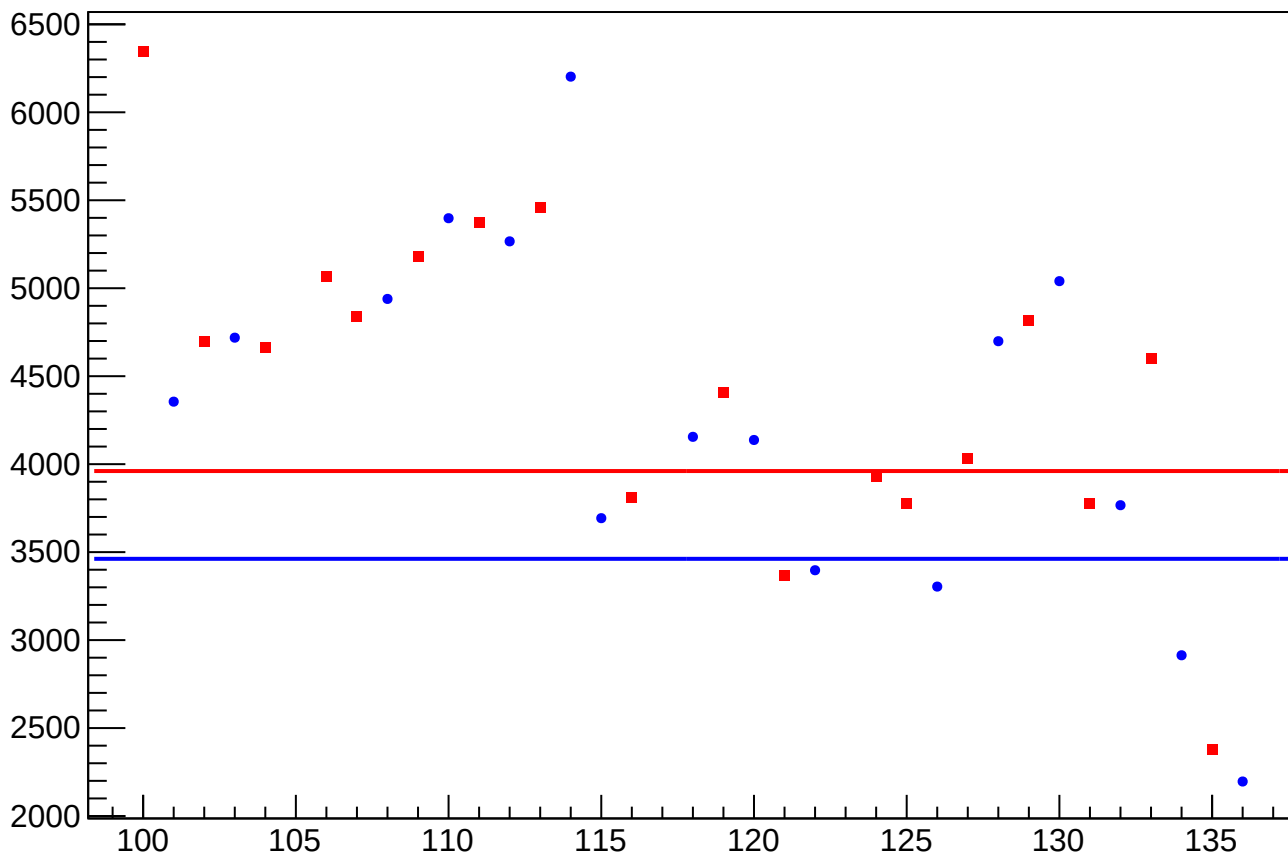
Right: -1297.771+/-1010.966 χ^2/NDF : 34.4/33

In: -3198.673+/-1353.816 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1297.771+/-1010.966 χ^2/NDF : 34.4/33

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: 3960.895+/-1.075 χ^2/NDF : 848146.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

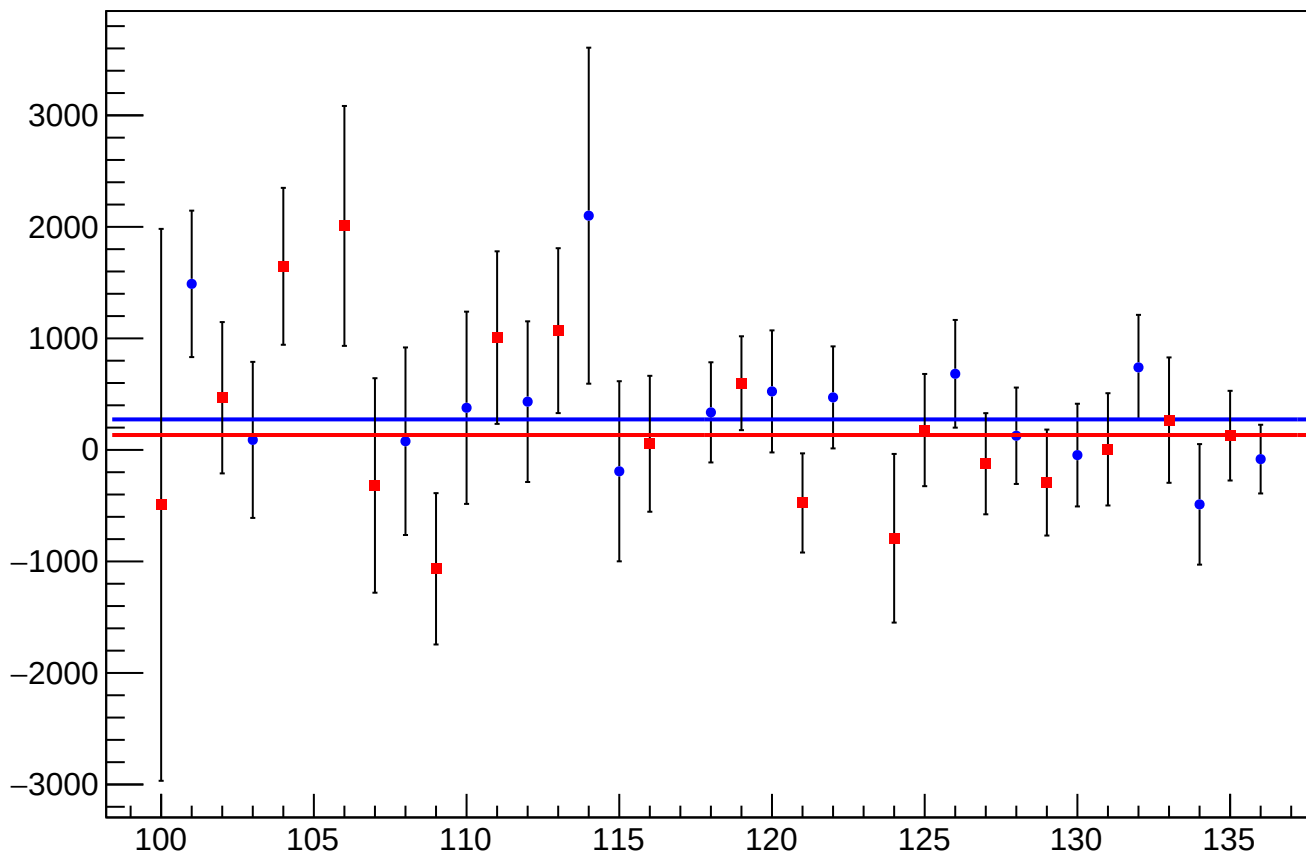
Right: 3682.653+/-0.715 χ^2/NDF : 2277920.8/33

In: 3461.932+/-0.957 χ^2/NDF : 1309596.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3682.653+/-0.715 χ^2/NDF : 2277920.8/33

dit_asym_sam2_mean vs Slug, Sign Corrected



Right In: 273.578+/-132.537 χ^2/NDF : 11.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.628+/-136.512 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

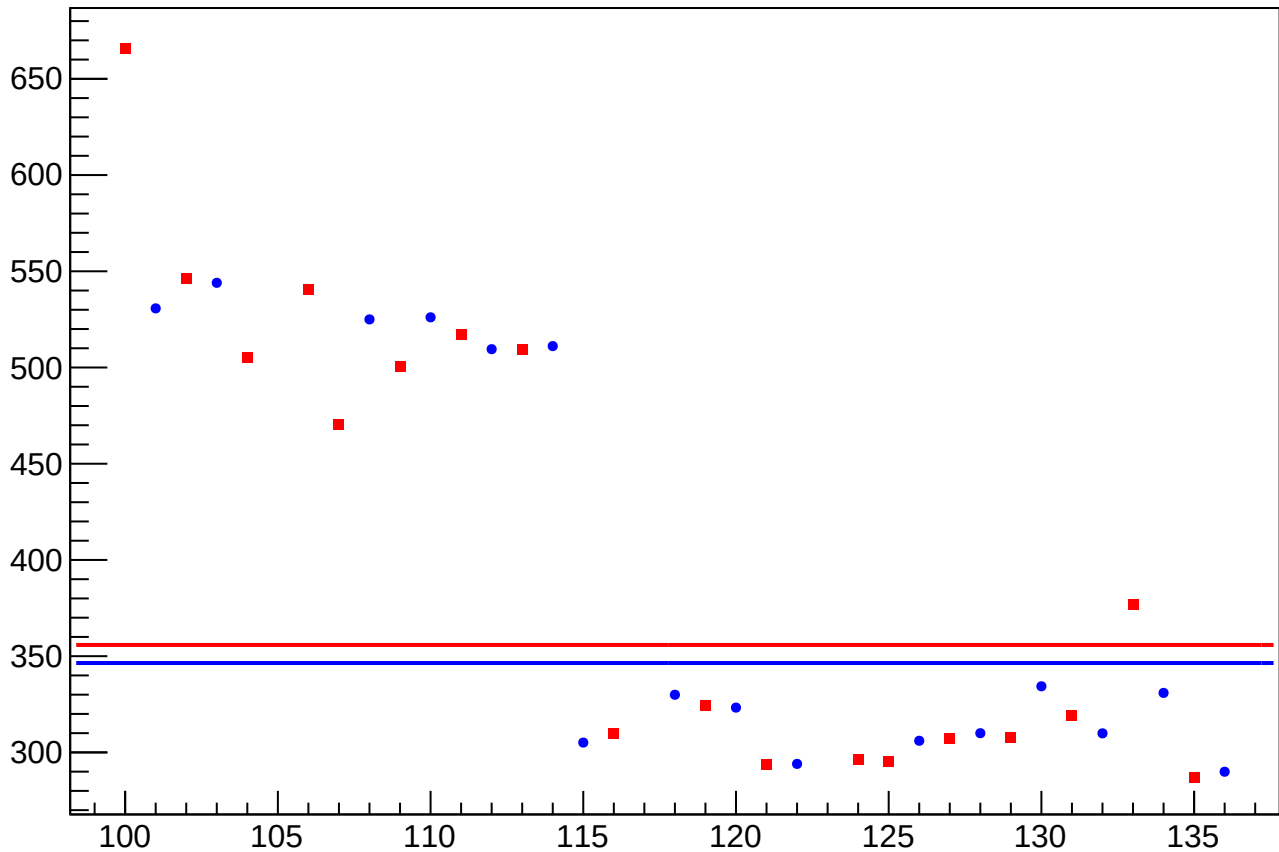
Right: 205.670+/-95.092 χ^2/NDF : 32.1/33

In: 273.578+/-132.537 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.670+/-95.092 χ^2/NDF : 32.1/33

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: 355.831+/-0.097 χ^2/NDF : 848433.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

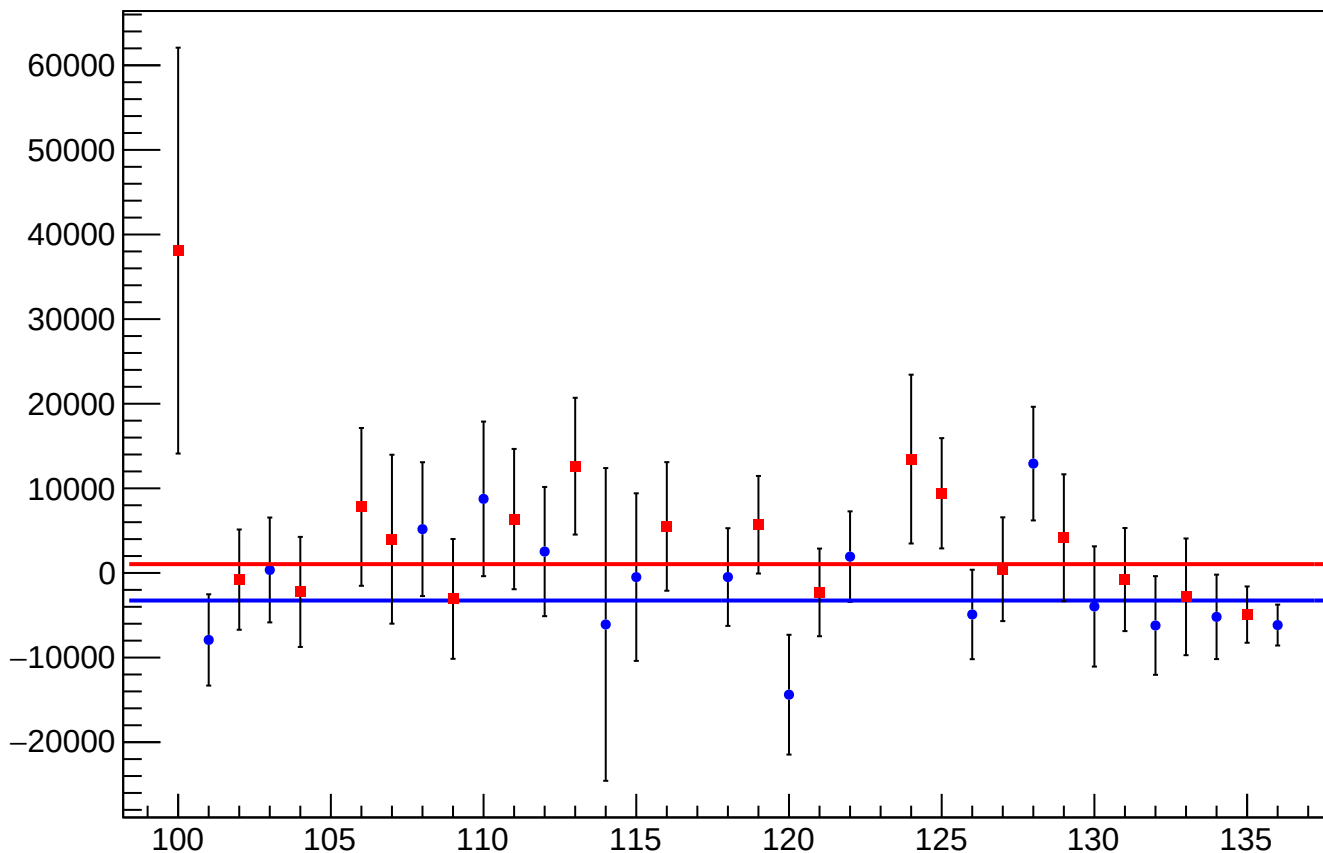
Right: 351.004+/-0.067 χ^2/NDF : 1622052.5/33

In: 346.455+/-0.094 χ^2/NDF : 768763.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.004+/-0.067 χ^2/NDF : 1622052.5/33

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: 1041.695 $\pm$ 1532.002 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

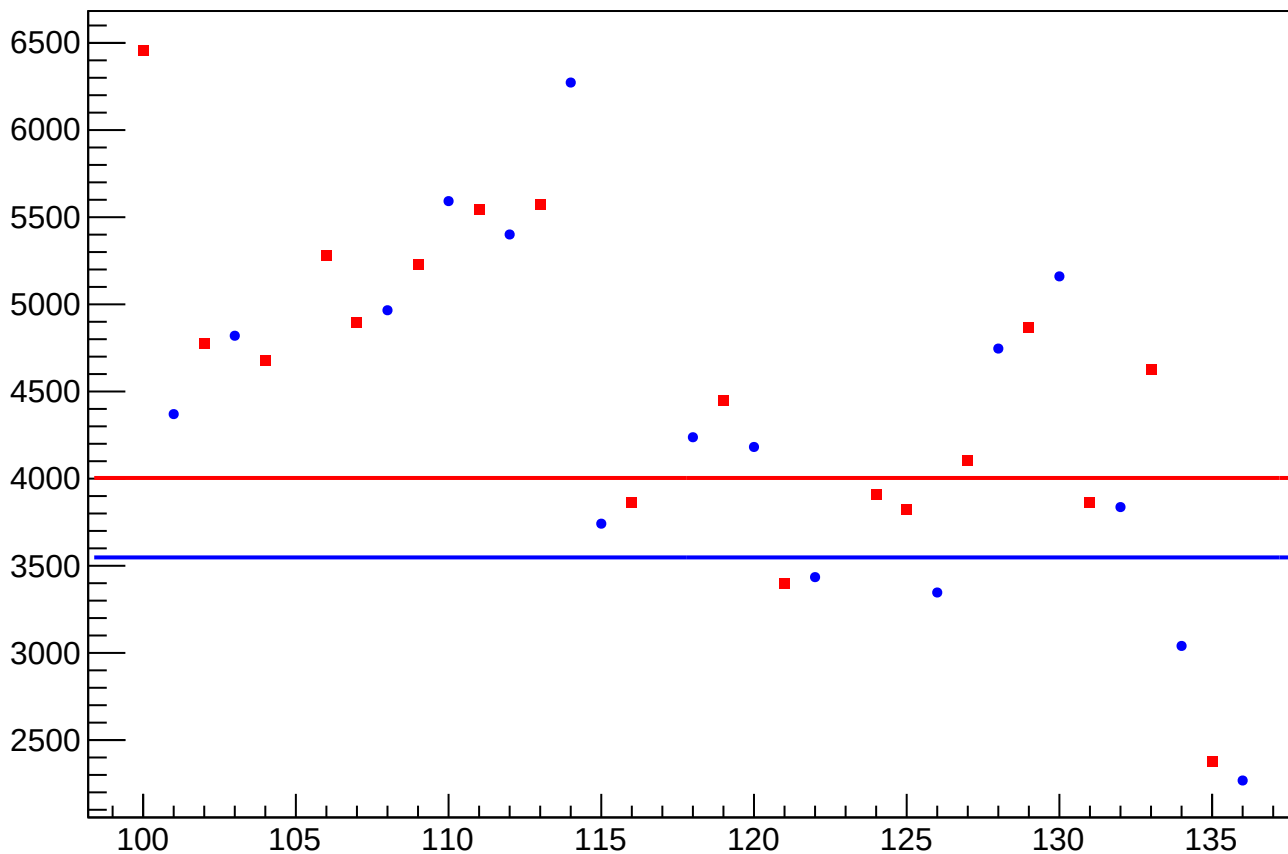
Right: -1326.070 $\pm$ 1027.042 χ^2 /NDF: 34.9/33

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: -1326.070 $\pm$ 1027.042 χ^2 /NDF: 34.9/33

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: 4003.811+/-1.083 χ^2/NDF : 897956.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

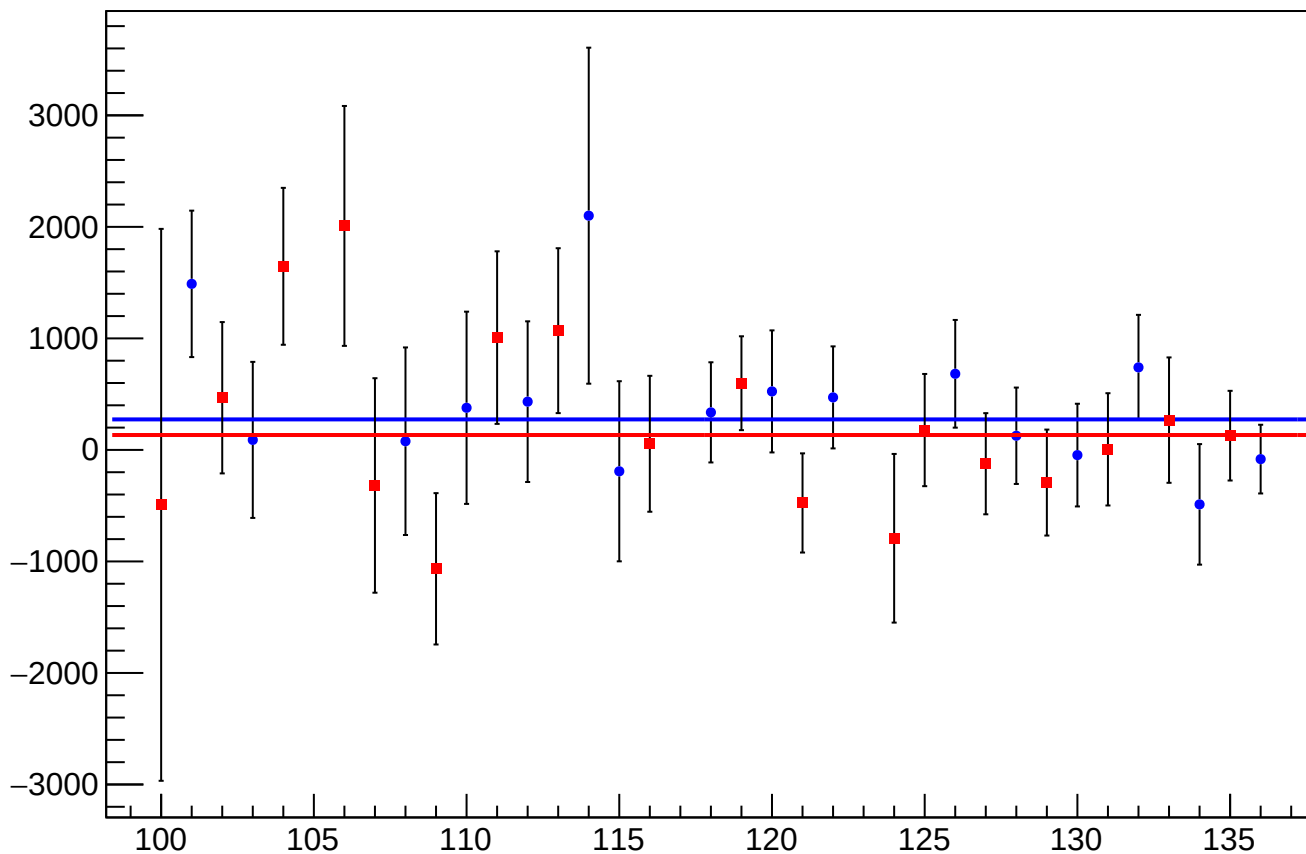
Right: 3752.836+/-0.726 χ^2/NDF : 2253932.7/33

In: 3547.969+/-0.979 χ^2/NDF : 1258486.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3752.836+/-0.726 χ^2/NDF : 2253932.7/33

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: 133.625 $\pm$ 136.512 χ^2 /NDF: 20.1/17

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

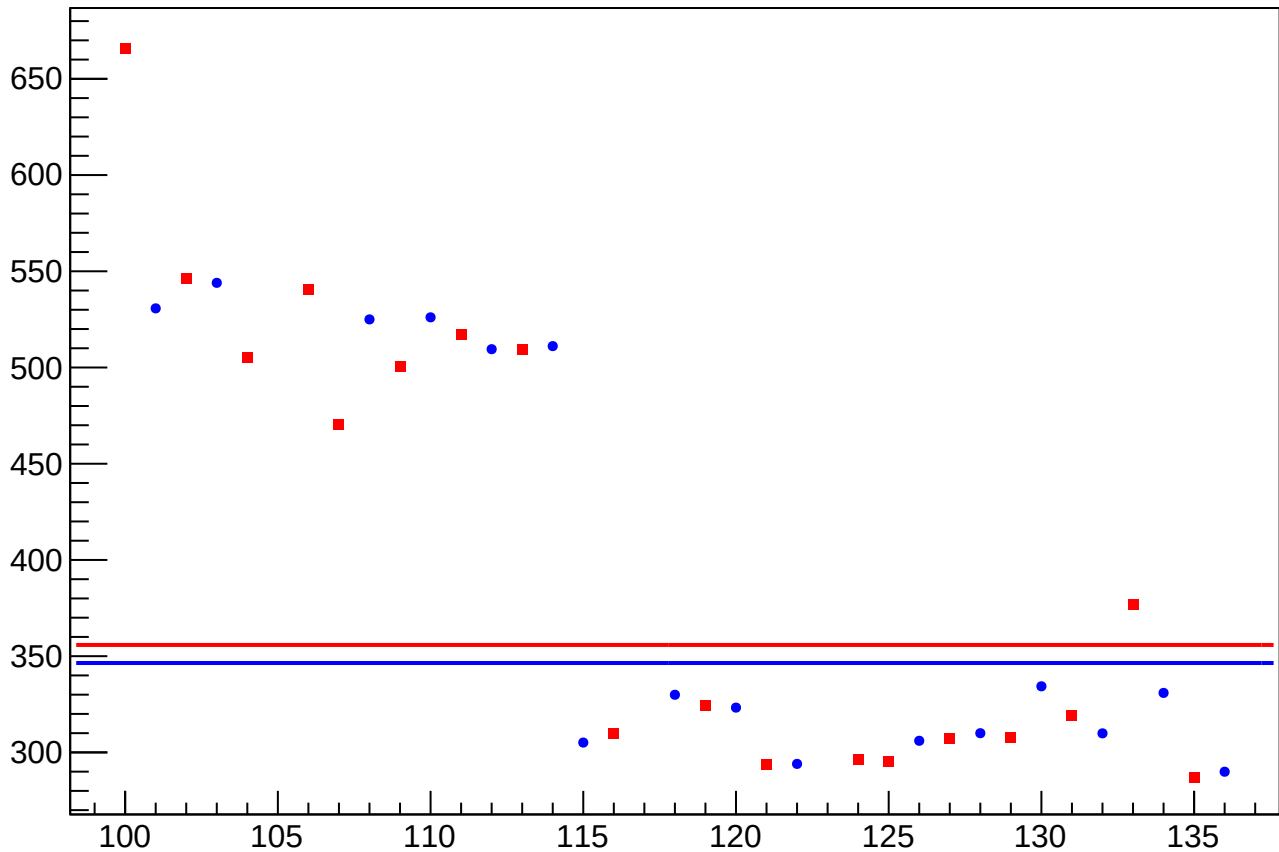
Right: 205.671 $\pm$ 95.092 χ^2 /NDF: 32.1/33

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: 205.671 $\pm$ 95.092 χ^2 /NDF: 32.1/33

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: 355.829+/-0.097 χ^2/NDF : 848423.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

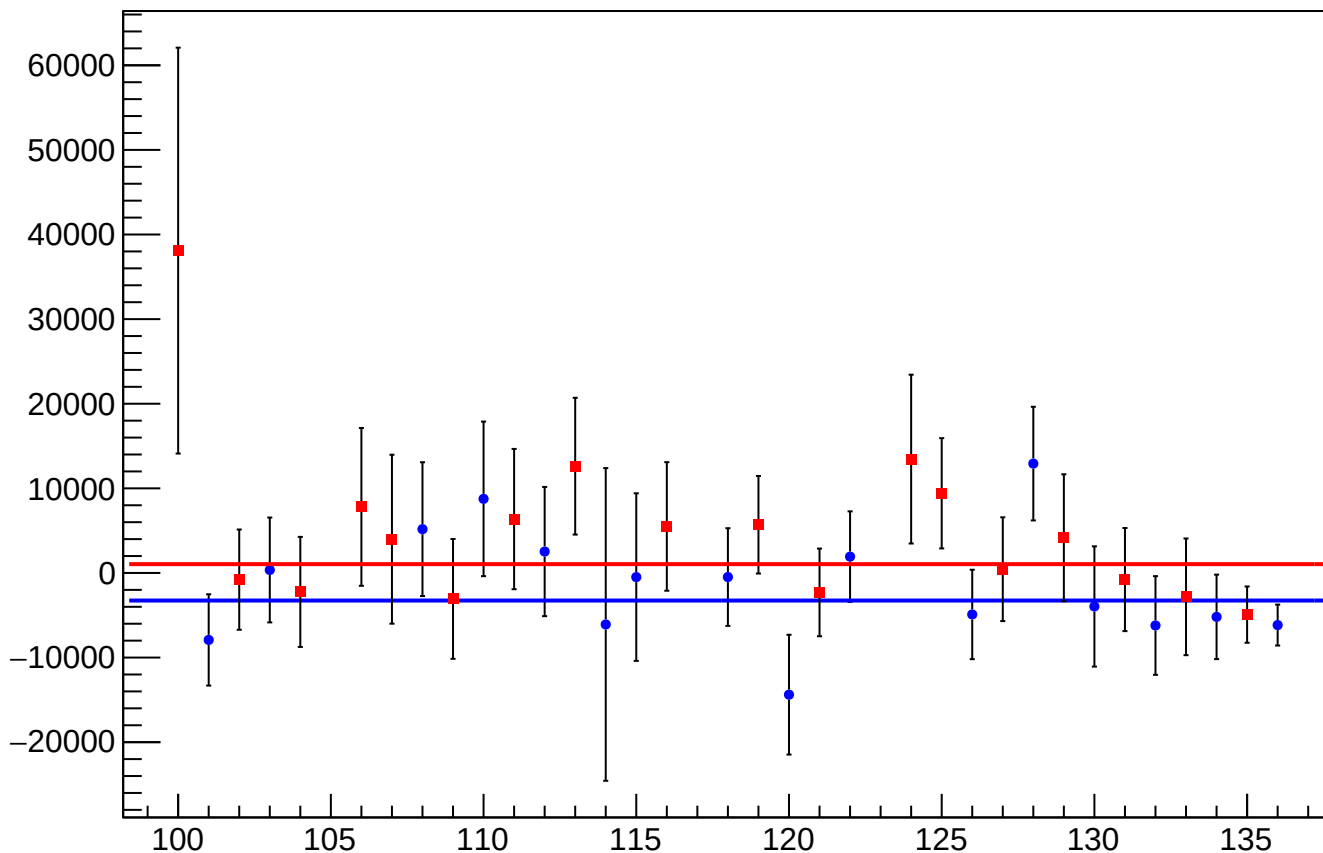
Right: 351.003+/-0.067 χ^2/NDF : 1622034.9/33

In: 346.453+/-0.094 χ^2/NDF : 768754.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 351.003+/-0.067 χ^2/NDF : 1622034.9/33

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: 1041.697+/-1532.000 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

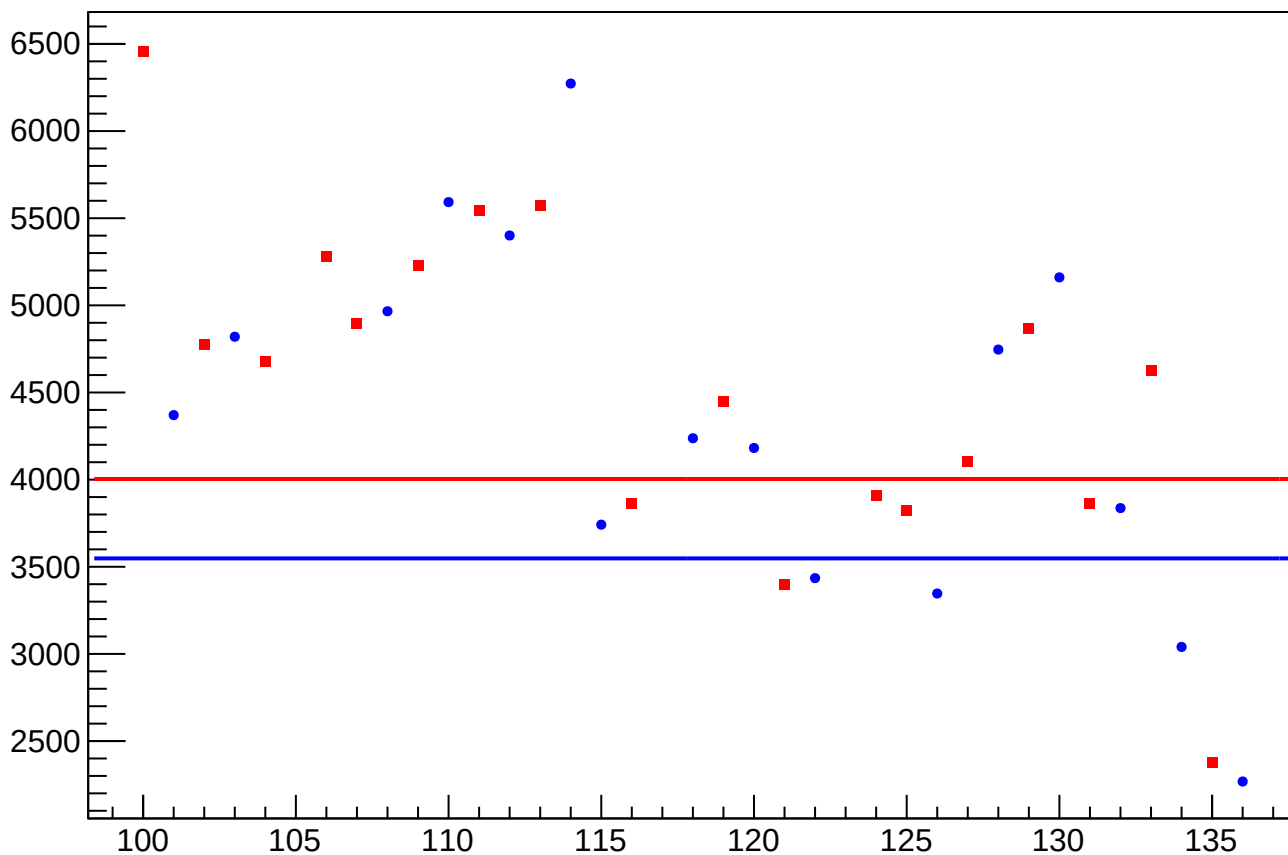
Right: -1326.064+/-1027.040 χ^2 /NDF: 34.9/33

In: -3258.828+/-1384.137 χ^2 /NDF: 16.0/15

Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1326.064+/-1027.040 χ^2 /NDF: 34.9/33

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: 4003.805+/-1.083 χ^2/NDF : 897947.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

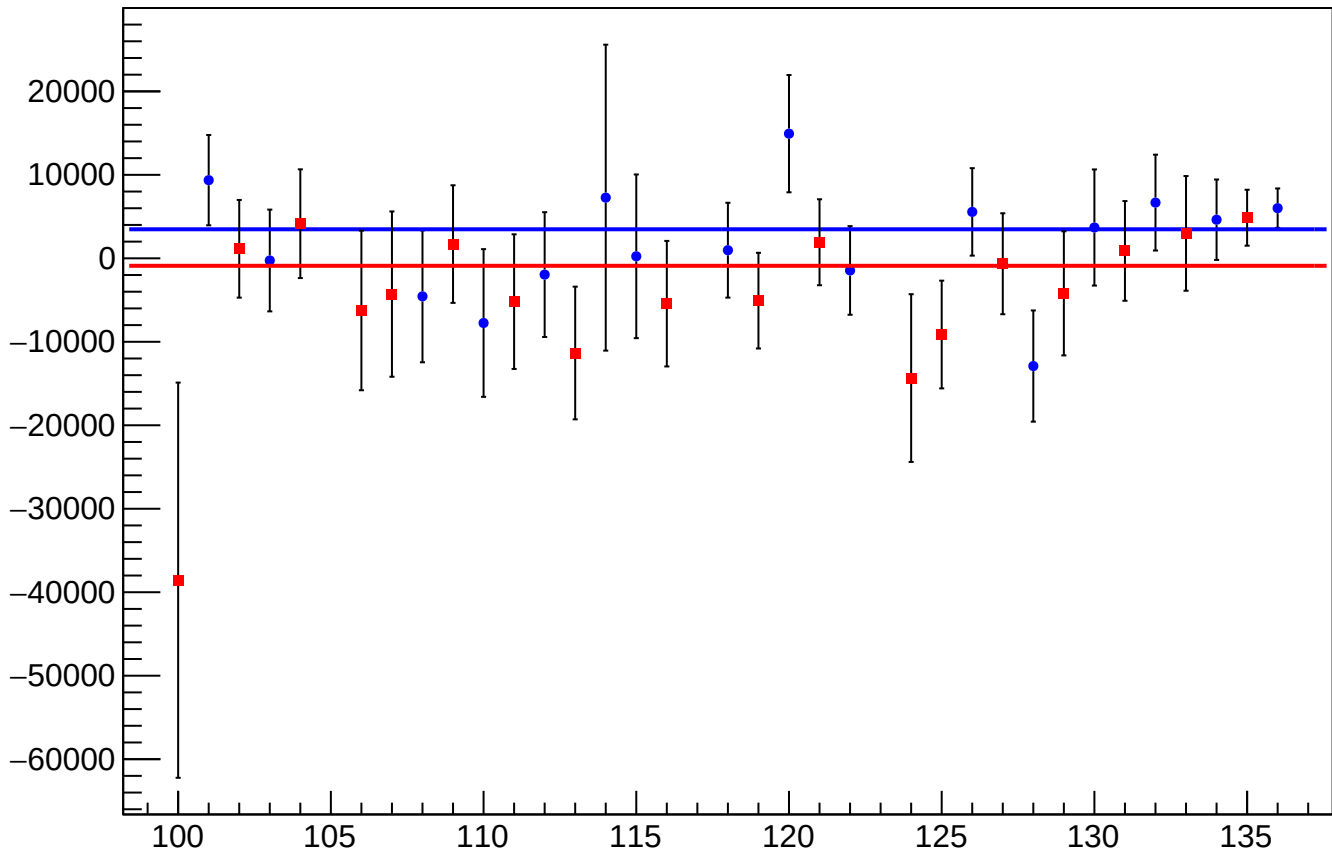
Right: 3752.832+/-0.726 χ^2/NDF : 2253908.9/33

In: 3547.966+/-0.979 χ^2/NDF : 1258472.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3752.832+/-0.726 χ^2/NDF : 2253908.9/33

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: -896.015+/-1523.903 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

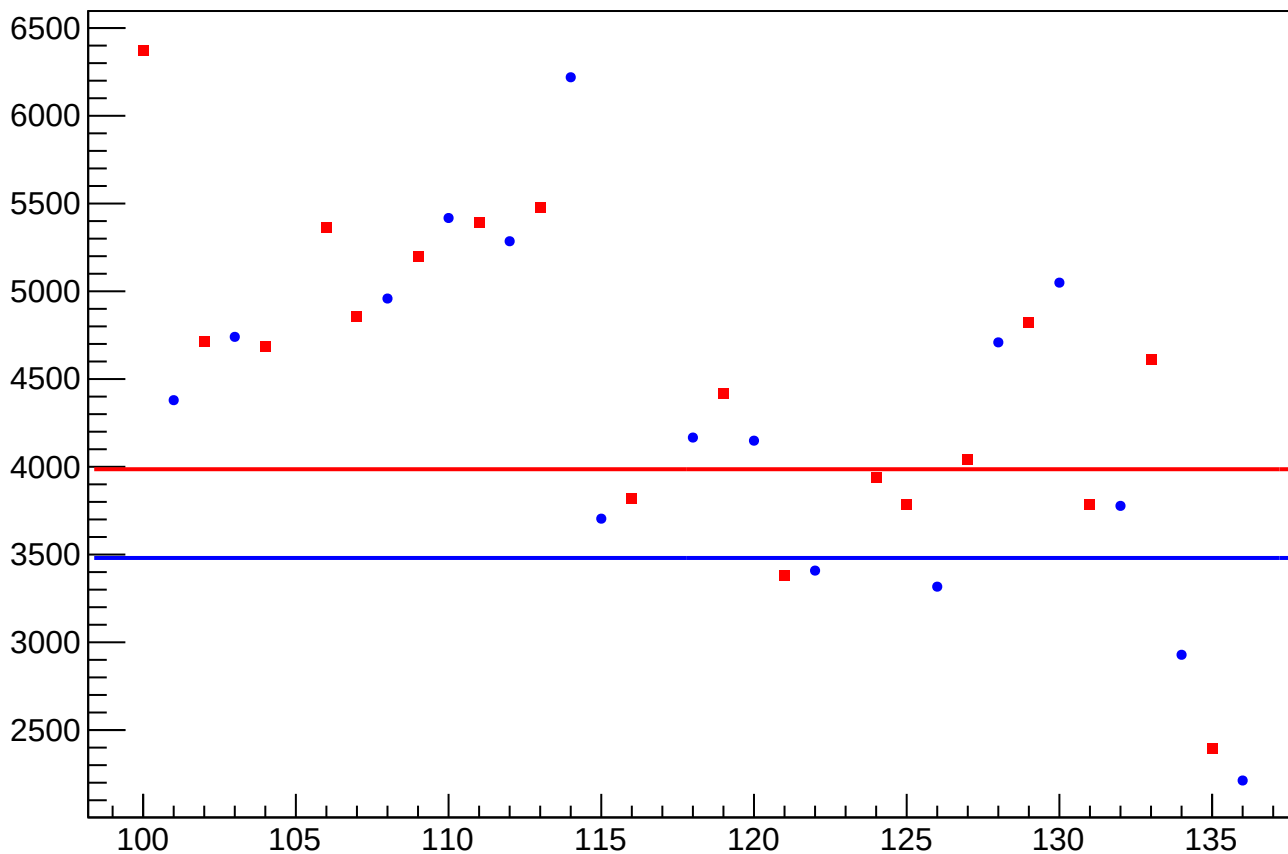
Right: 1538.426+/-1014.831 χ^2/NDF : 34.9/33

In: 3478.372+/-1360.356 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1538.426+/-1014.831 χ^2/NDF : 34.9/33

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: 3986.165+/-1.078 χ^2/NDF : 860526.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

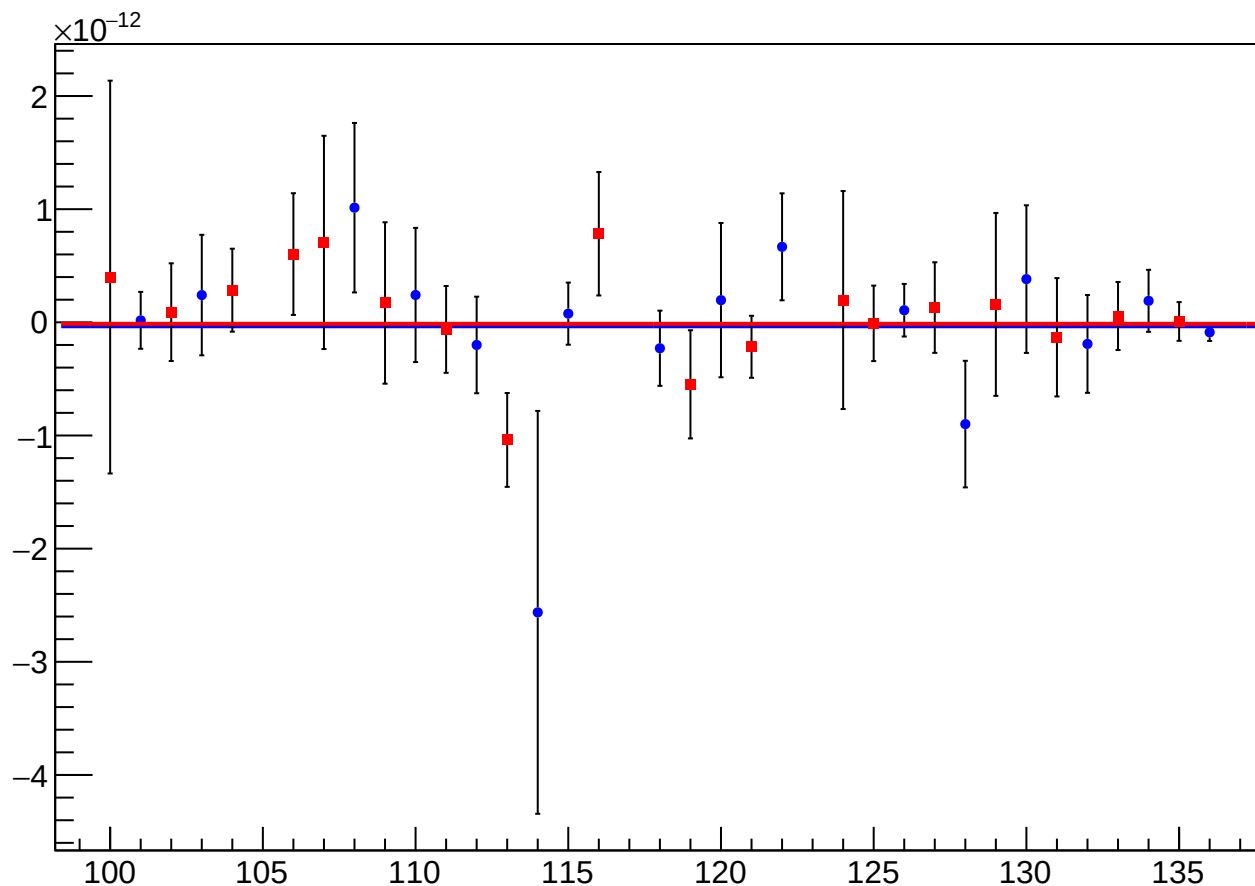
Right: 3704.785+/-0.718 χ^2/NDF : 2279692.2/33

In: 3480.559+/-0.962 χ^2/NDF : 1296641.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3704.785+/-0.718 χ^2/NDF : 2279692.2/33

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 : 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

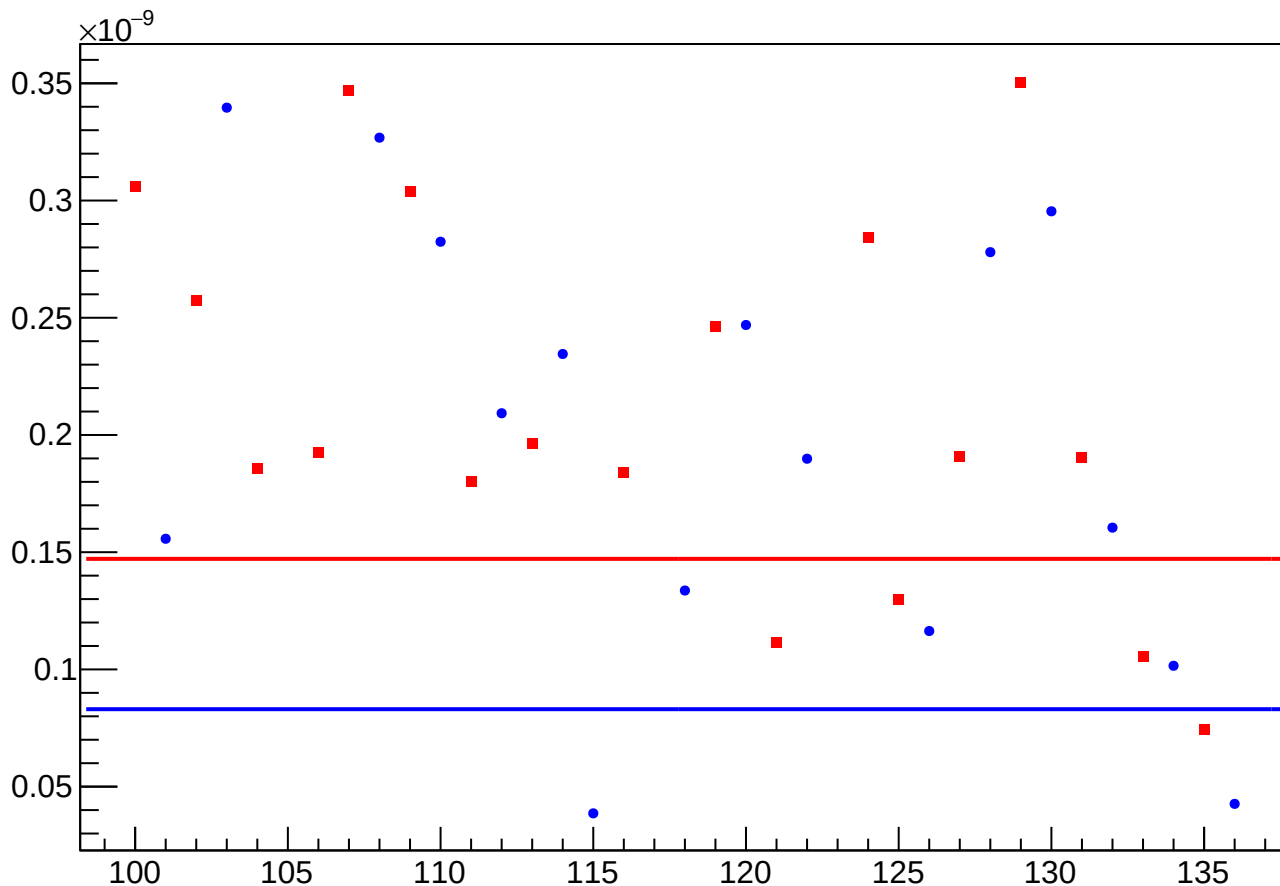
Right: -0.000+/-0.000 χ^2/NDF : 25.1/33

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 : 25.1/33

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 : 1151642.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

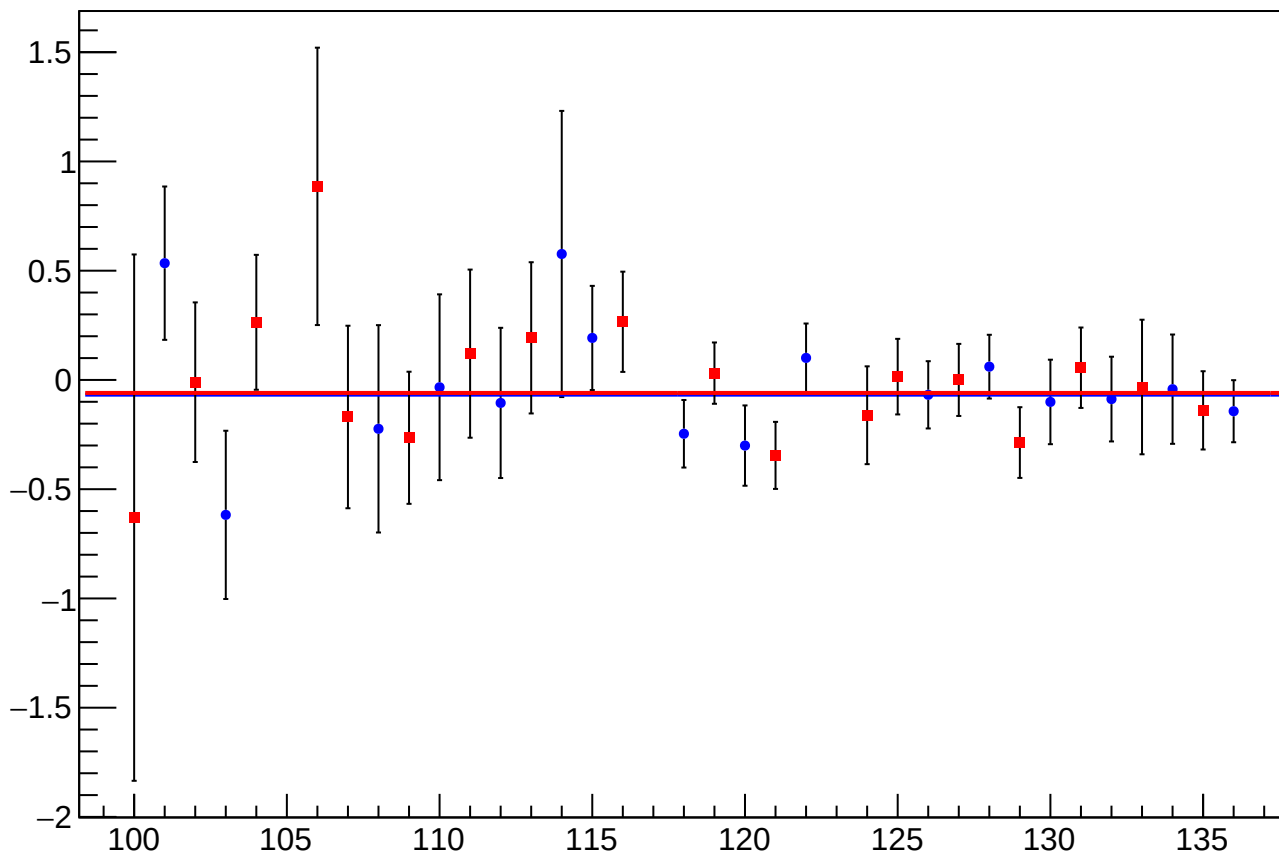
Right: 0.000+/-0.000 χ^2/NDF : 4539139.1/33

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 : 4539139.1/33

asym_sam2_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: -0.059 ± 0.052 $\chi^2/\text{NDF}: 13.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

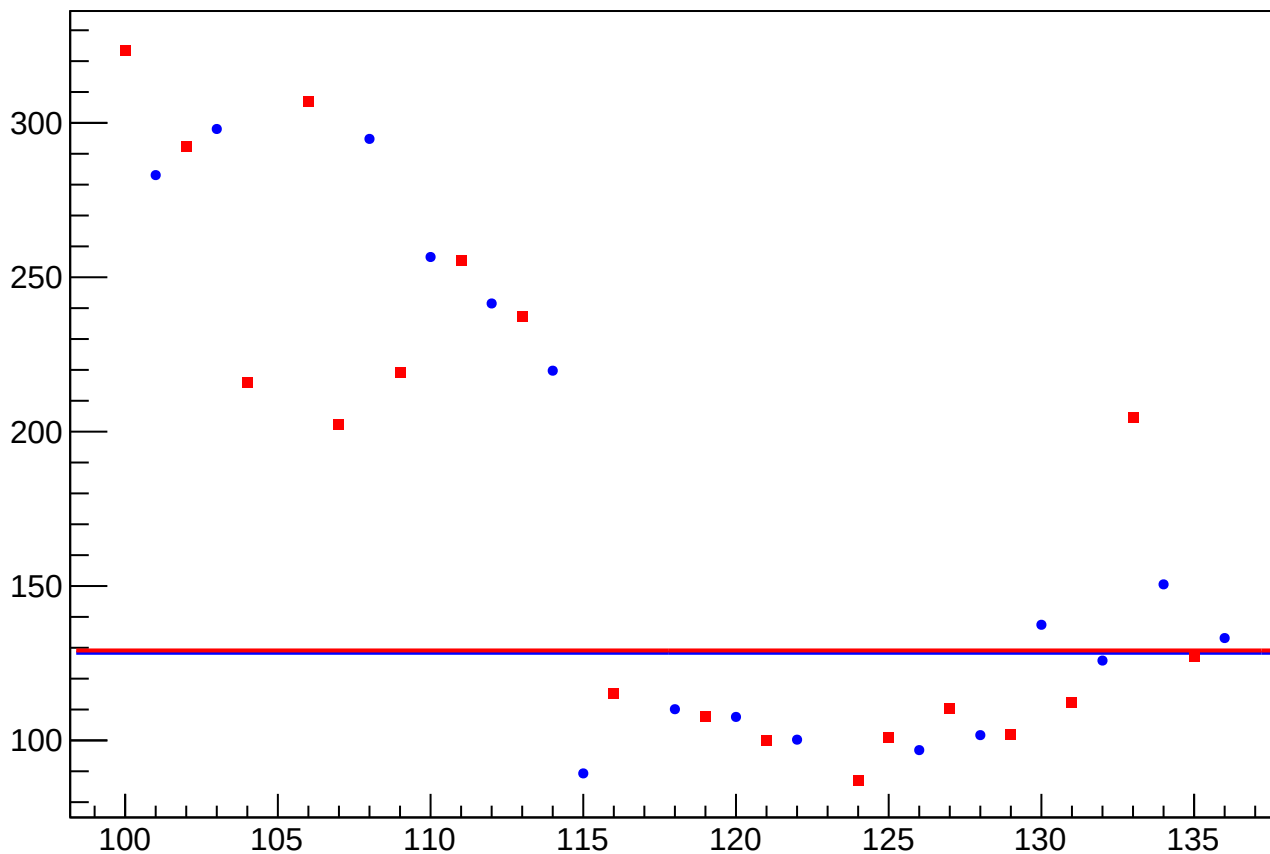
Right: -0.063 ± 0.037 $\chi^2/\text{NDF}: 26.3/33$

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: -0.063 ± 0.037 $\chi^2/\text{NDF}: 26.3/33$

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: 129.129+/-0.037 χ^2/NDF : 1886373.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

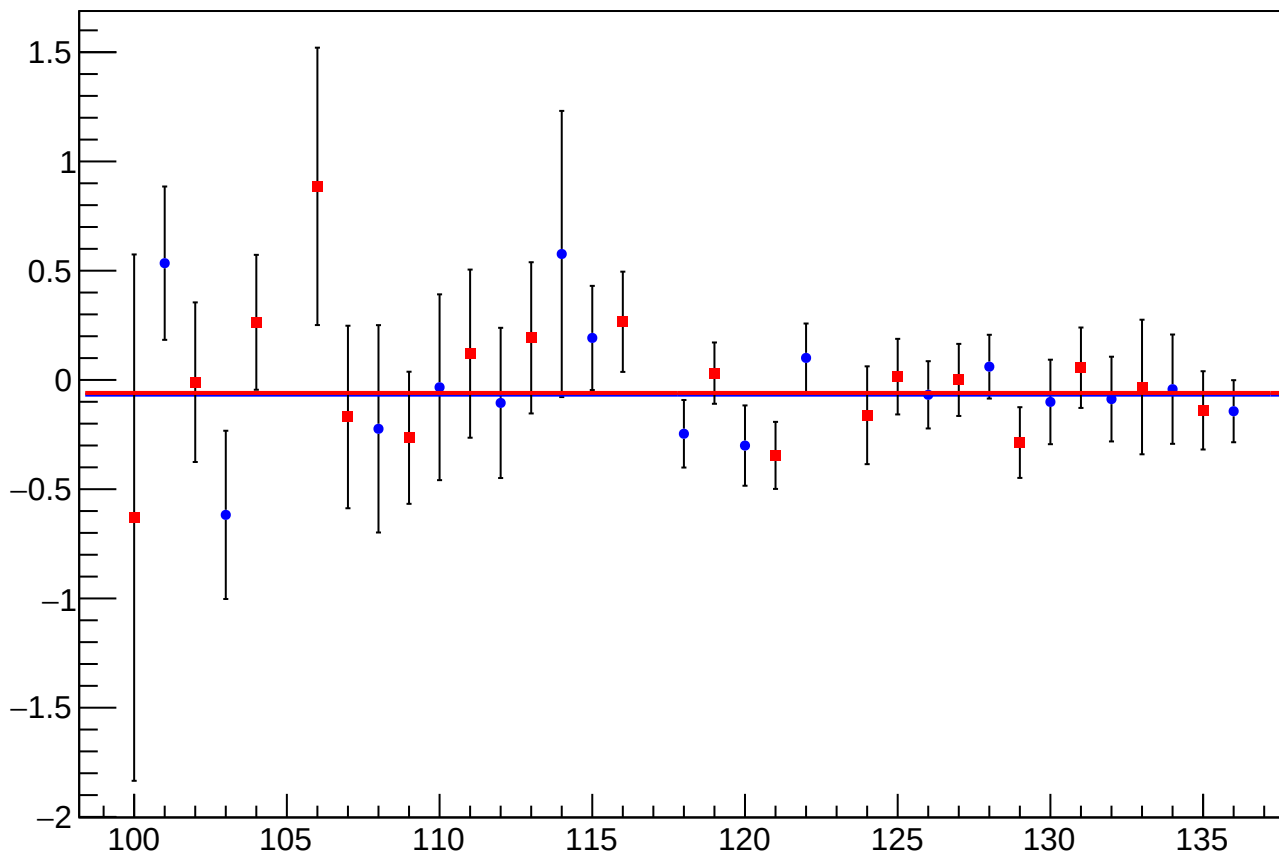
Right: 128.750+/-0.026 χ^2/NDF : 3691659.1/33

In: 128.380+/-0.037 χ^2/NDF : 1805078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.750+/-0.026 χ^2/NDF : 3691659.1/33

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.052 χ^2/NDF : 12.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 $\pm$ 0.052 χ^2/NDF : 13.8/17

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

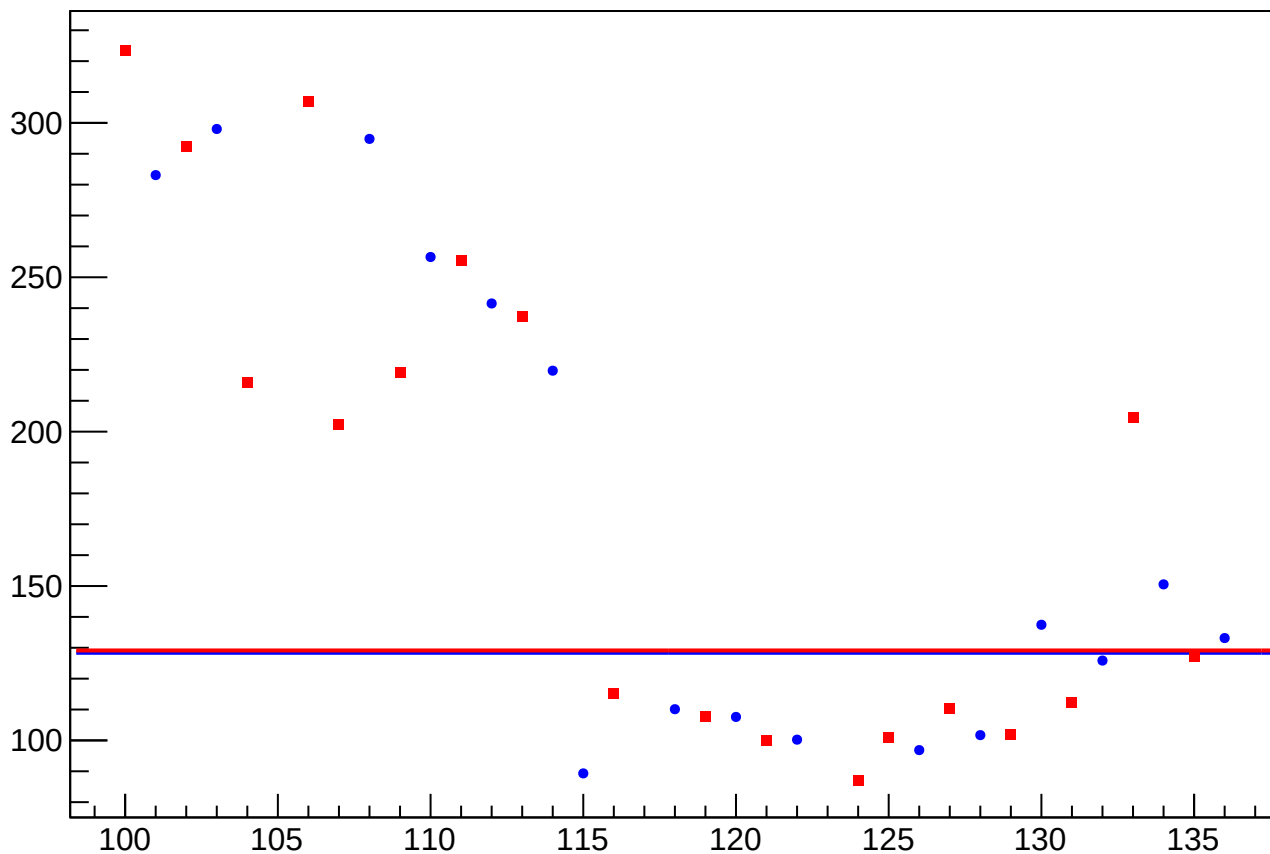
Right: -0.063 $\pm$ 0.037 χ^2/NDF : 26.3/33

In: -0.067 $\pm$ 0.052 χ^2/NDF : 12.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.063 $\pm$ 0.037 χ^2/NDF : 26.3/33

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: 129.129+/-0.037 χ^2/NDF : 1886373.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

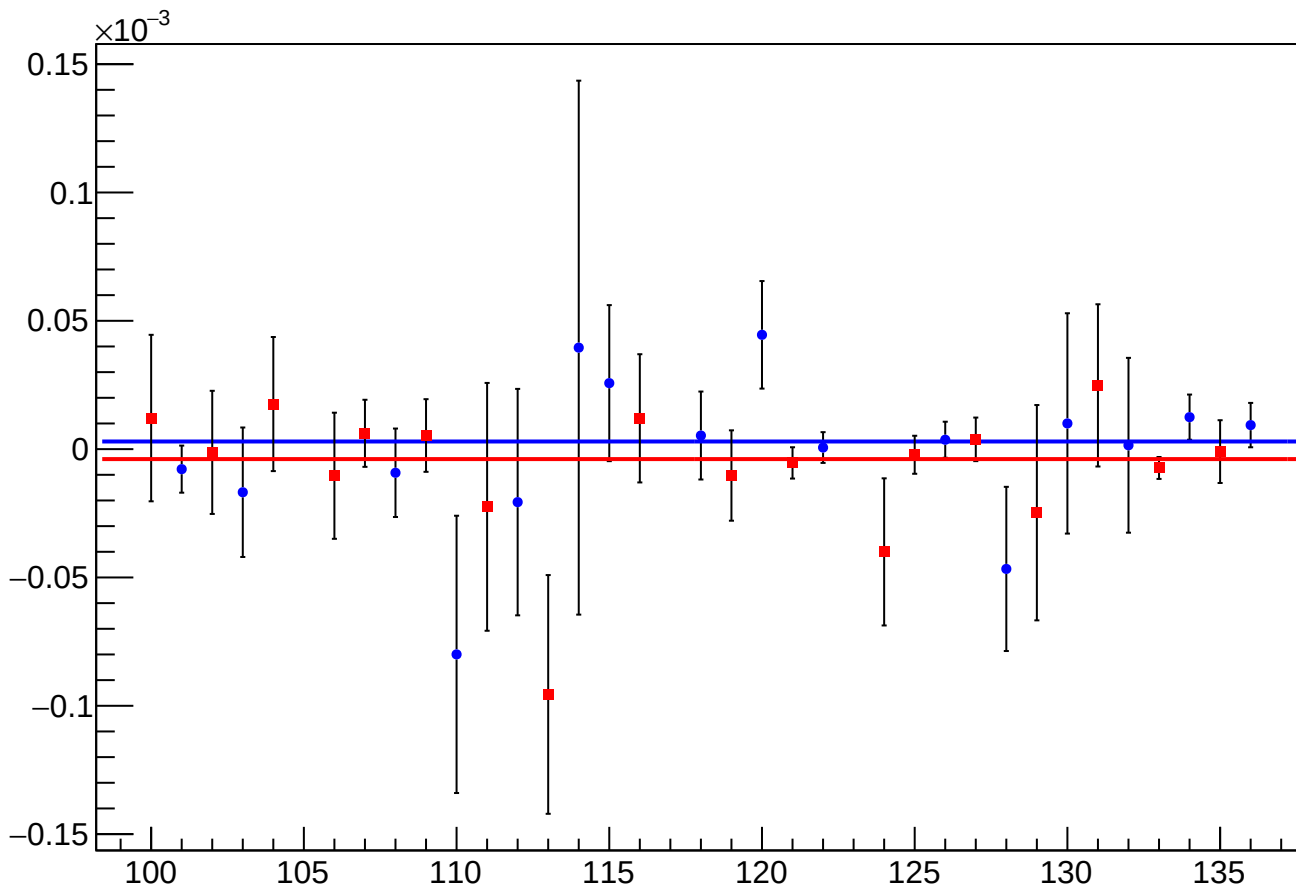
Right: 128.750+/-0.026 χ^2/NDF : 3691659.1/33

In: 128.380+/-0.037 χ^2/NDF : 1805078.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.750+/-0.026 χ^2/NDF : 3691659.1/33

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 : 10.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

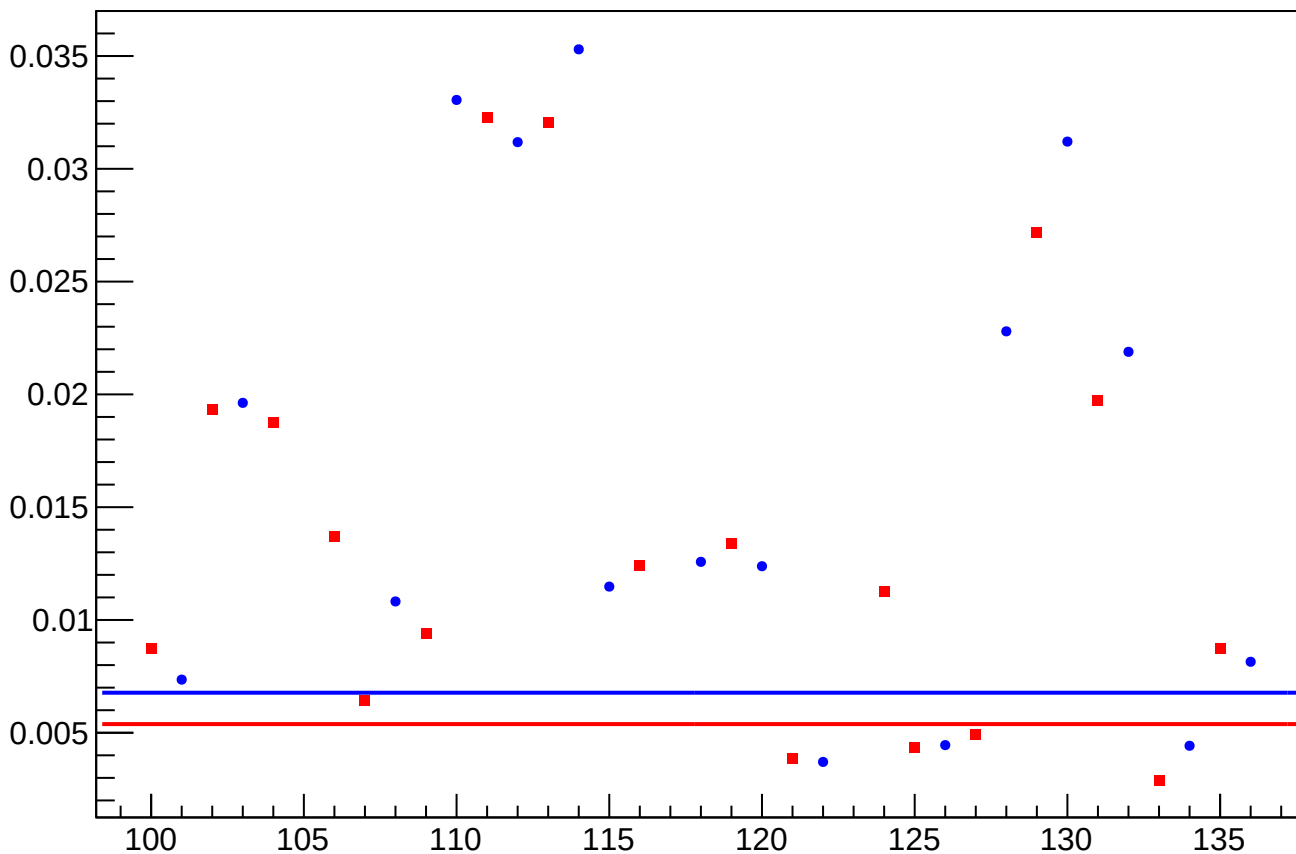
Right: -0.000+/-0.000 χ^2/NDF : 27.8/33

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 : 27.8/33

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 : 5520548.9/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.006+/-0.000

χ^2/NDF : 10524025.7/33

In: 0.007+/-0.000

χ^2/NDF : 4772275.3/15

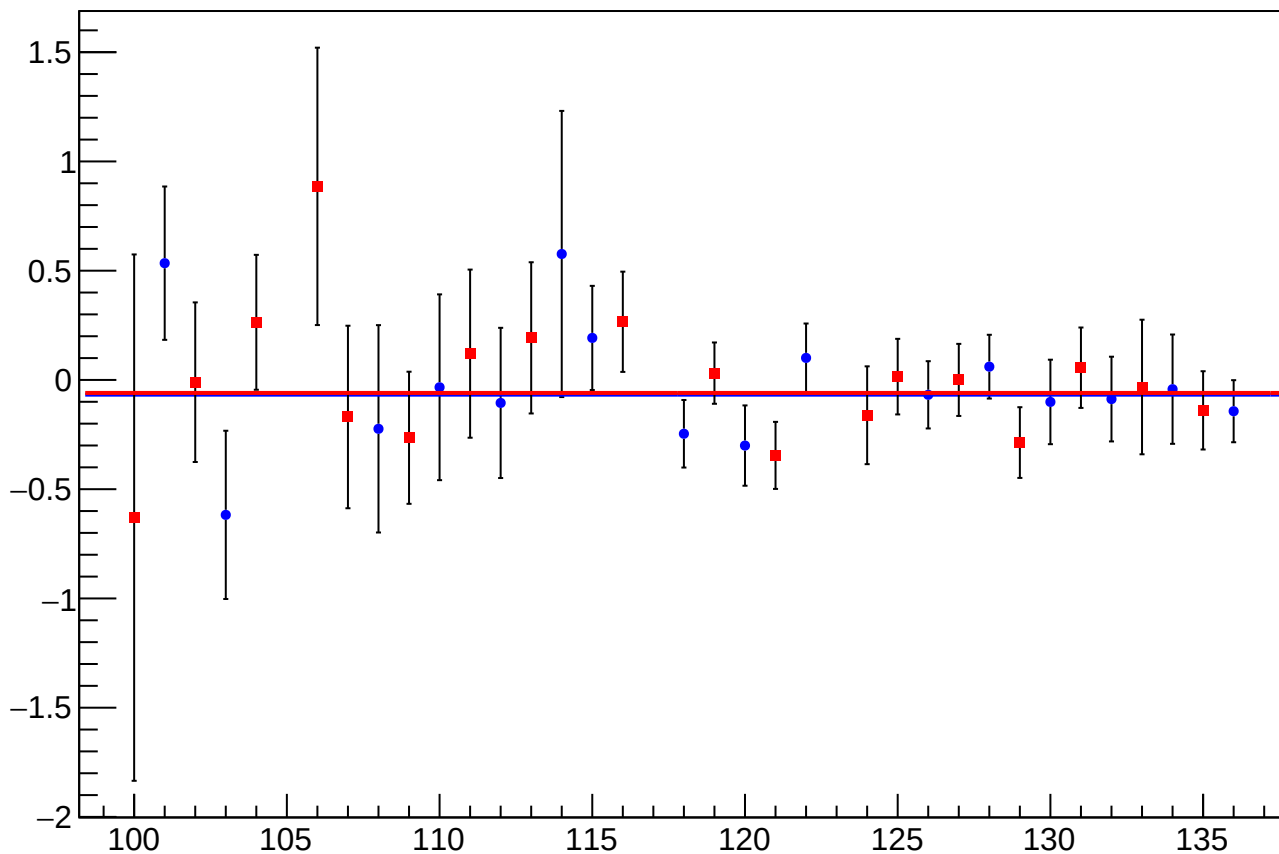
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.006+/-0.000

χ^2/NDF : 10524025.7/33

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.067 $\pm$ 0.052 χ^2 /NDF: 12.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.059 $\pm$ 0.052 χ^2 /NDF: 13.8/17

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

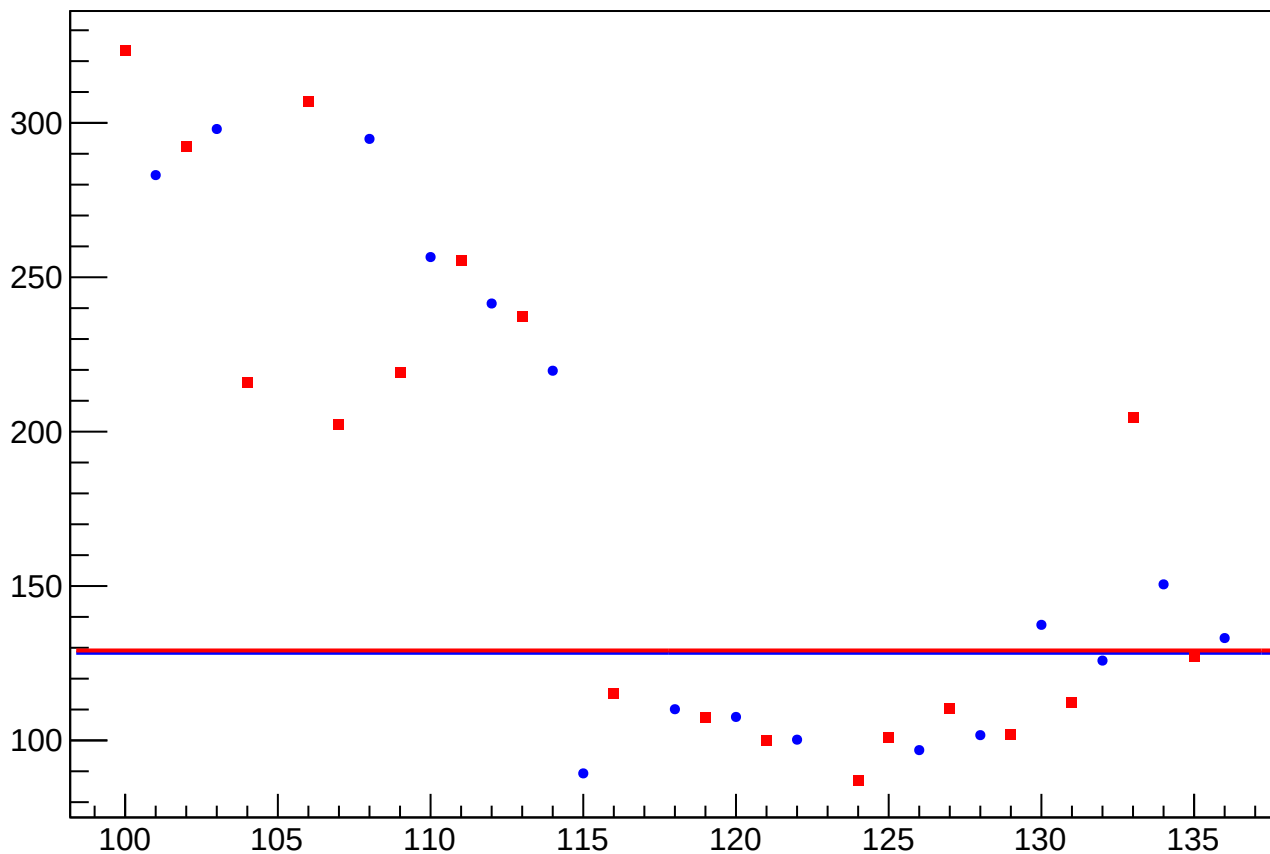
Right: -0.063 $\pm$ 0.037 χ^2 /NDF: 26.3/33

In: -0.067 $\pm$ 0.052 χ^2 /NDF:12.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.063 $\pm$ 0.037 χ^2 /NDF: 26.3/33

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: 129.126+/-0.037 χ^2/NDF : 1886373.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

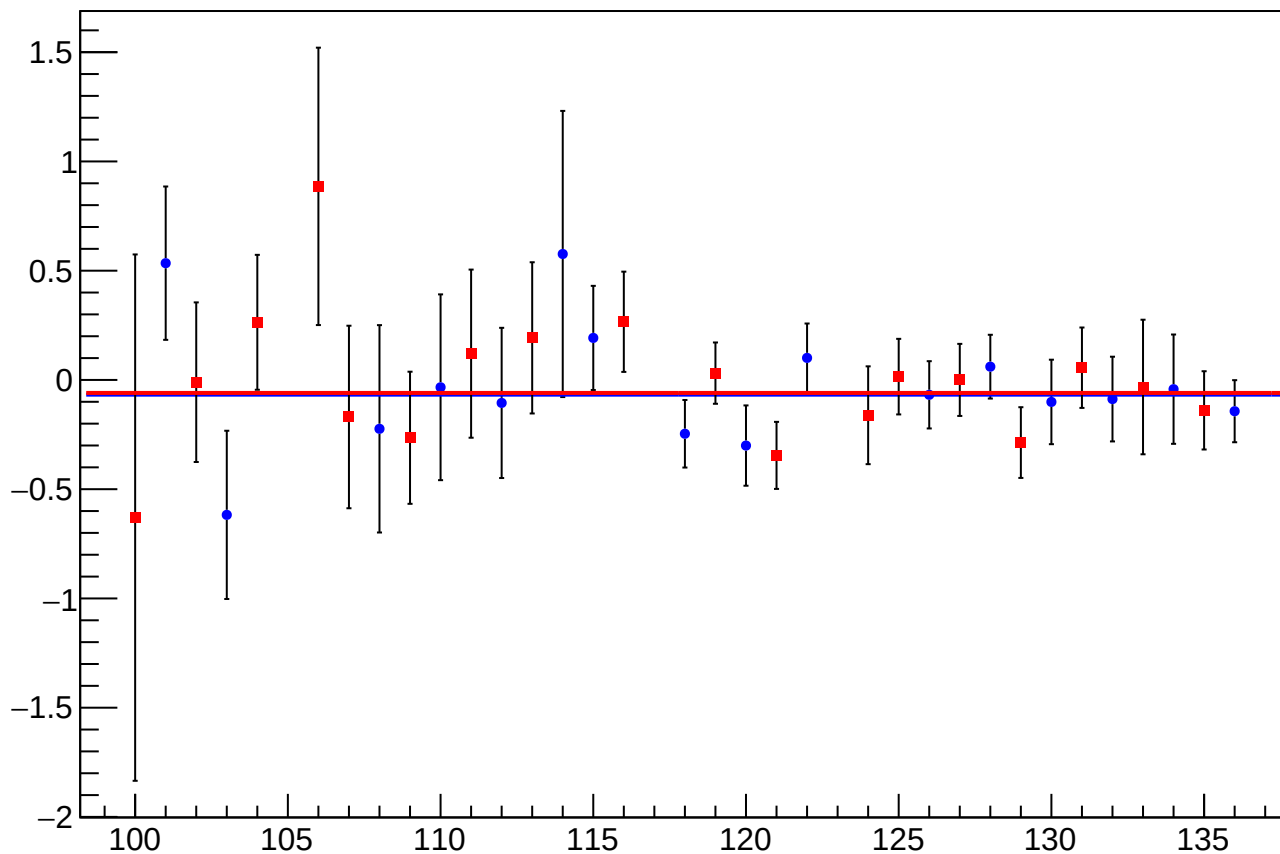
Right: 128.747+/-0.026 χ^2/NDF : 3691607.2/33

In: 128.377+/-0.037 χ^2/NDF : 1805026.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 128.747+/-0.026 χ^2/NDF : 3691607.2/33

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: -0.059+/-0.052 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

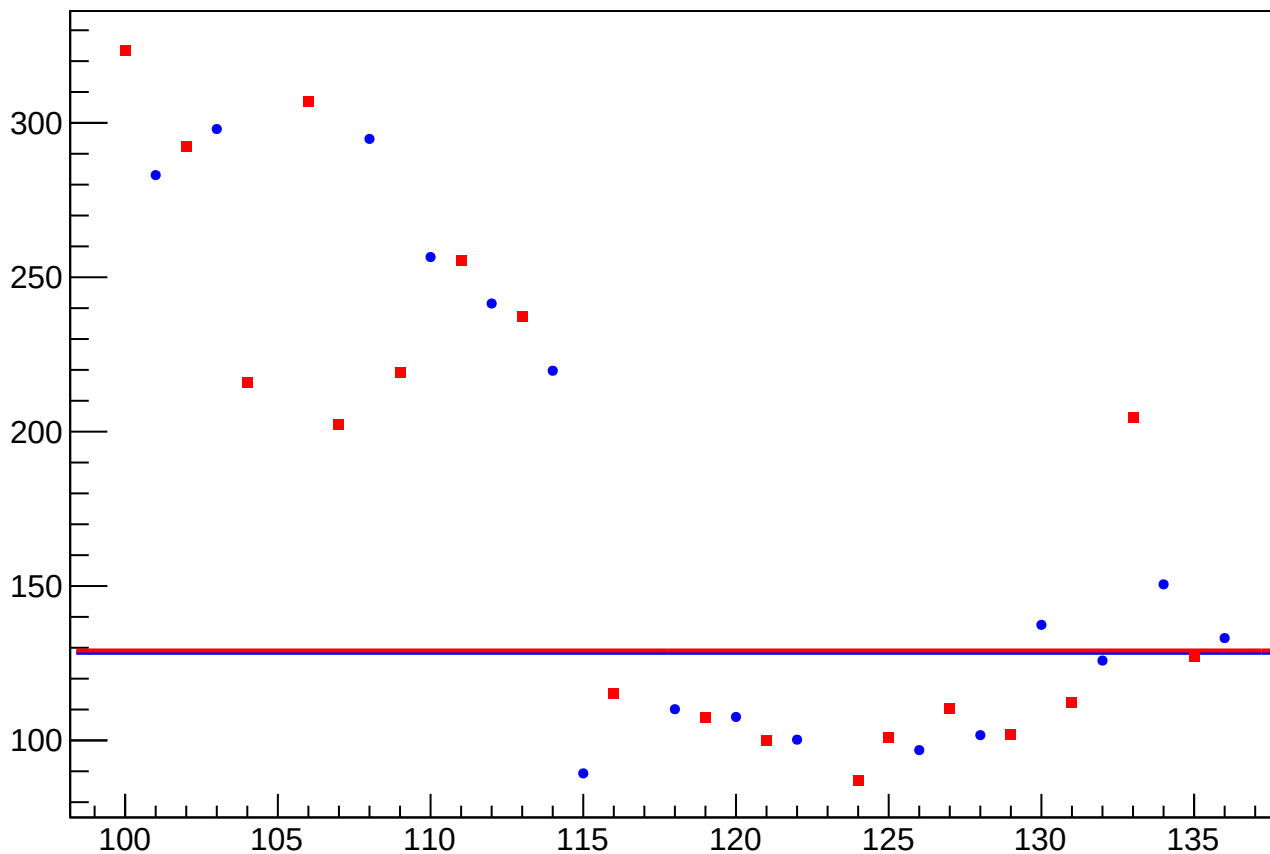
Right: -0.063+/-0.037 χ^2/NDF : 26.3/33

In: -0.067+/-0.052 χ^2/NDF :12.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.063+/-0.037 χ^2/NDF : 26.3/33

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: 129.126+/-0.037 χ^2/NDF : 1886373.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

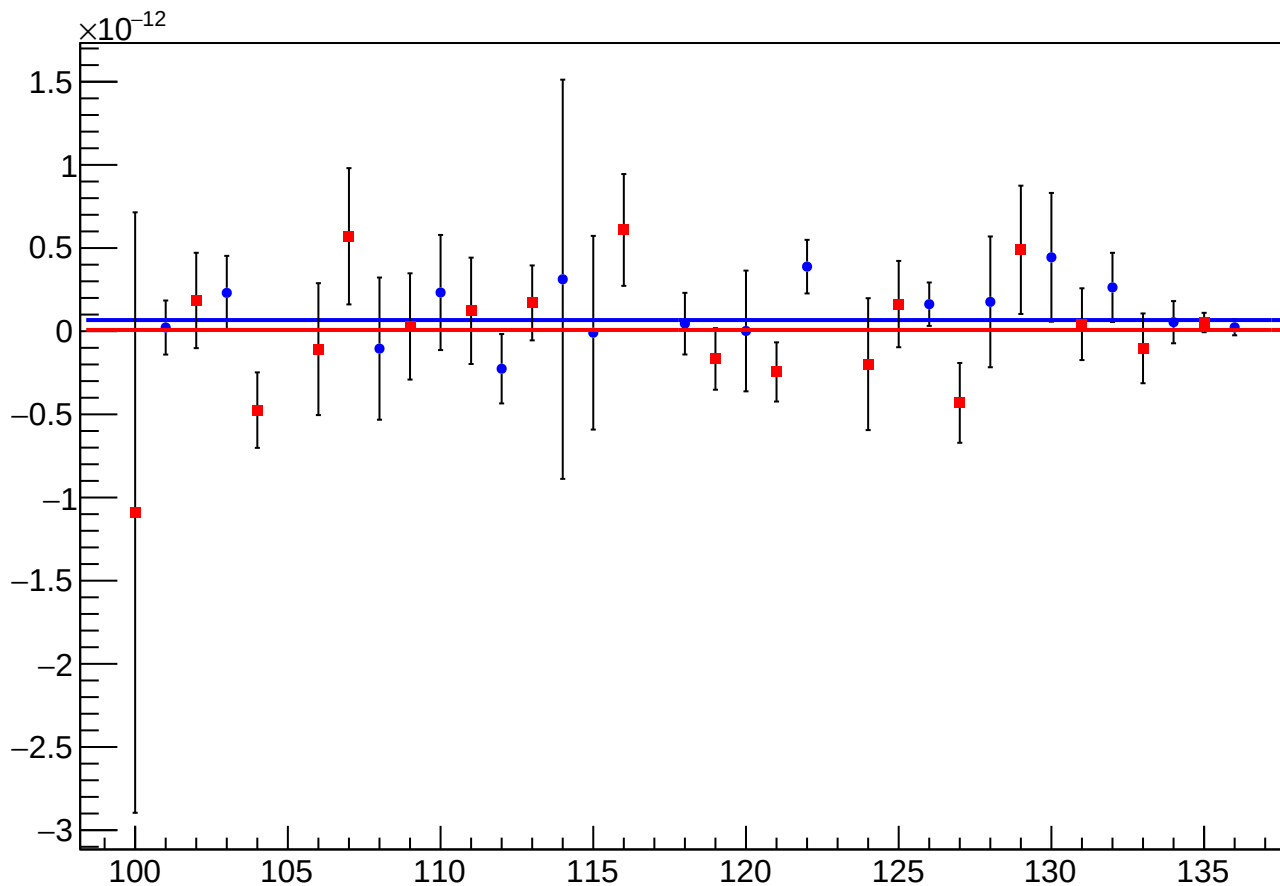
Right: 128.747+/-0.026 χ^2/NDF : 3691607.2/33

In: 128.377+/-0.037 χ^2/NDF :1805026.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.747+/-0.026 χ^2/NDF : 3691607.2/33

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 : 20.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

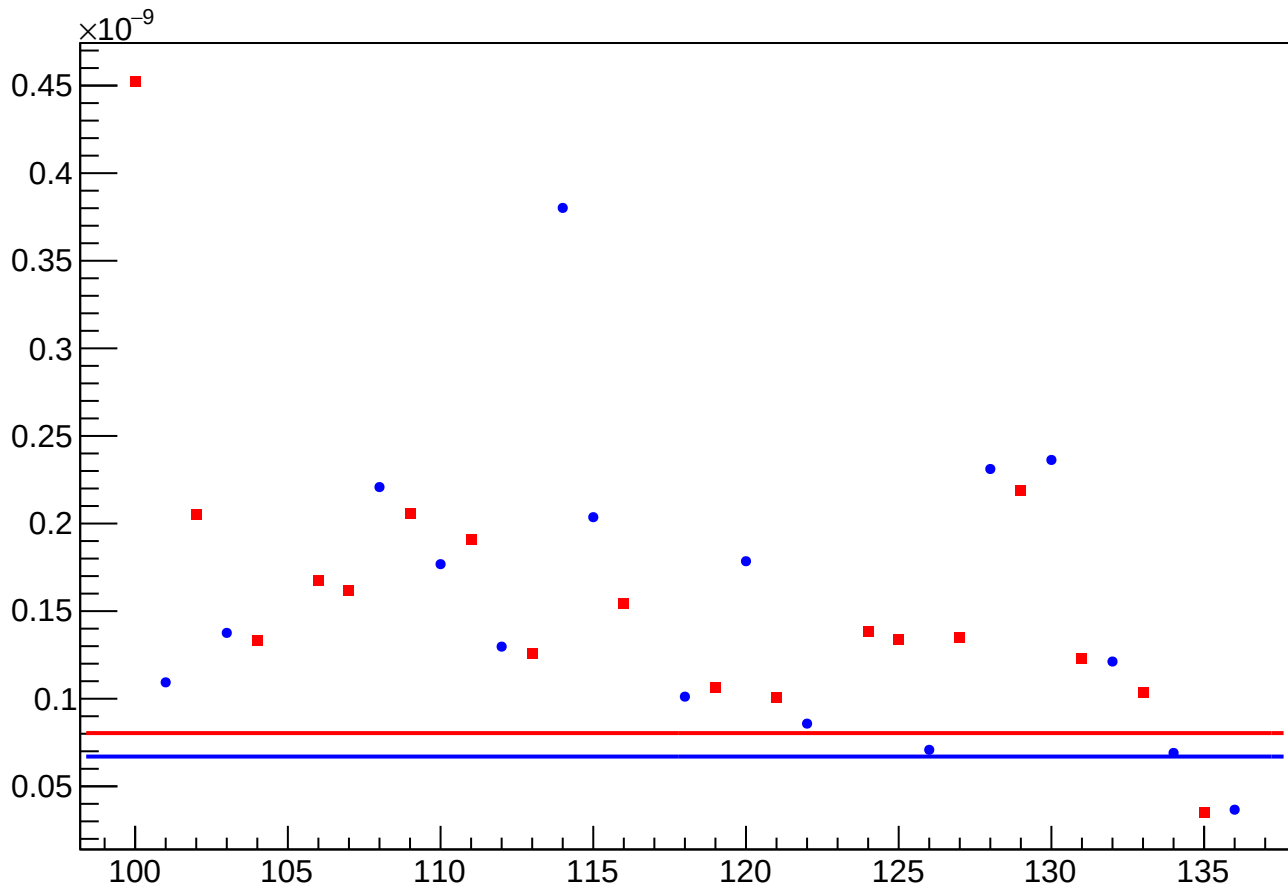
Right: 0.000+/-0.000 χ^2/NDF : 31.9/33

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 : 31.9/33

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 : 3355451.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

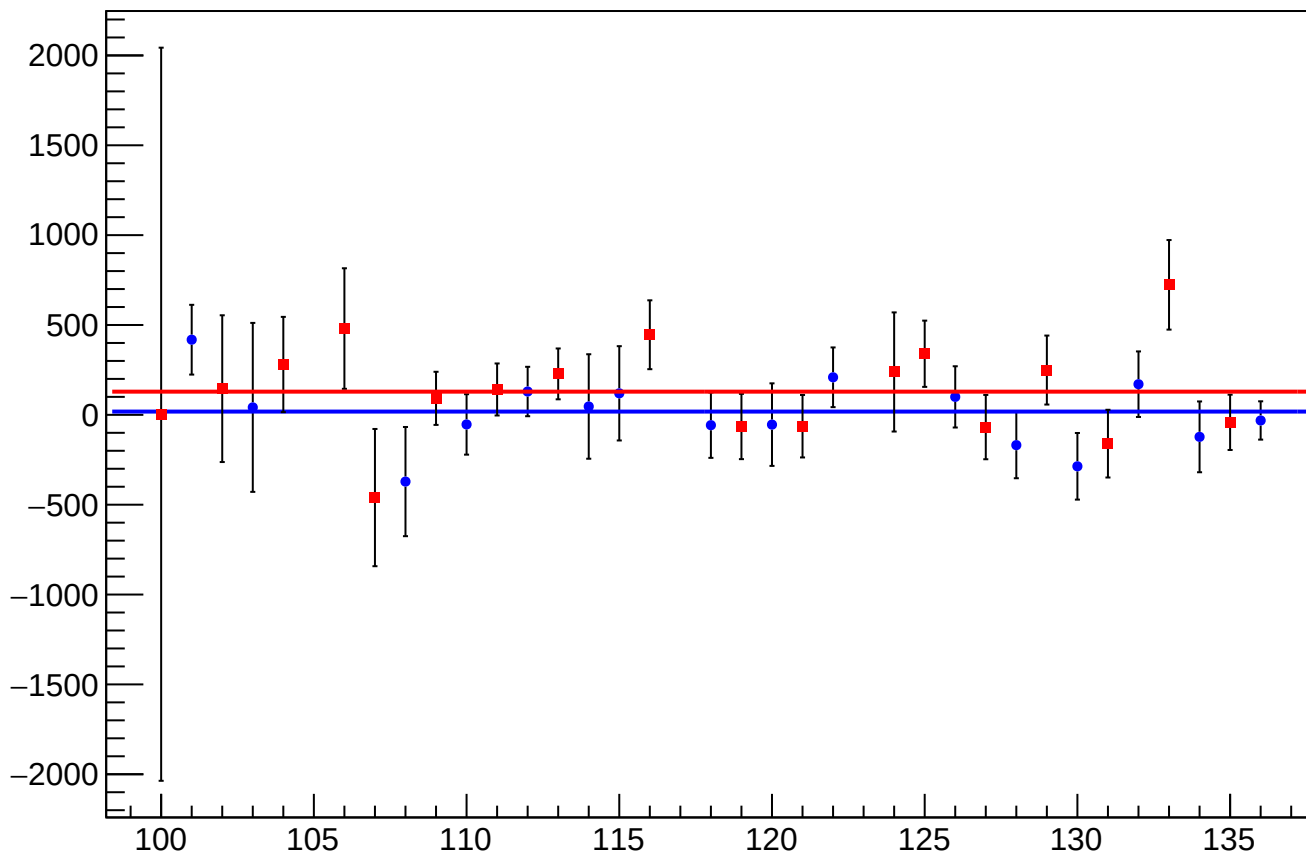
Right: 0.000+/-0.000 χ^2/NDF : 6649722.3/33

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 : 6649722.3/33

reg_asym_sam3_mean vs Slug, Sign Corrected



Right In: 18.204 $\pm$ 45.704 χ^2 /NDF: 13.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.087 $\pm$ 46.946 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

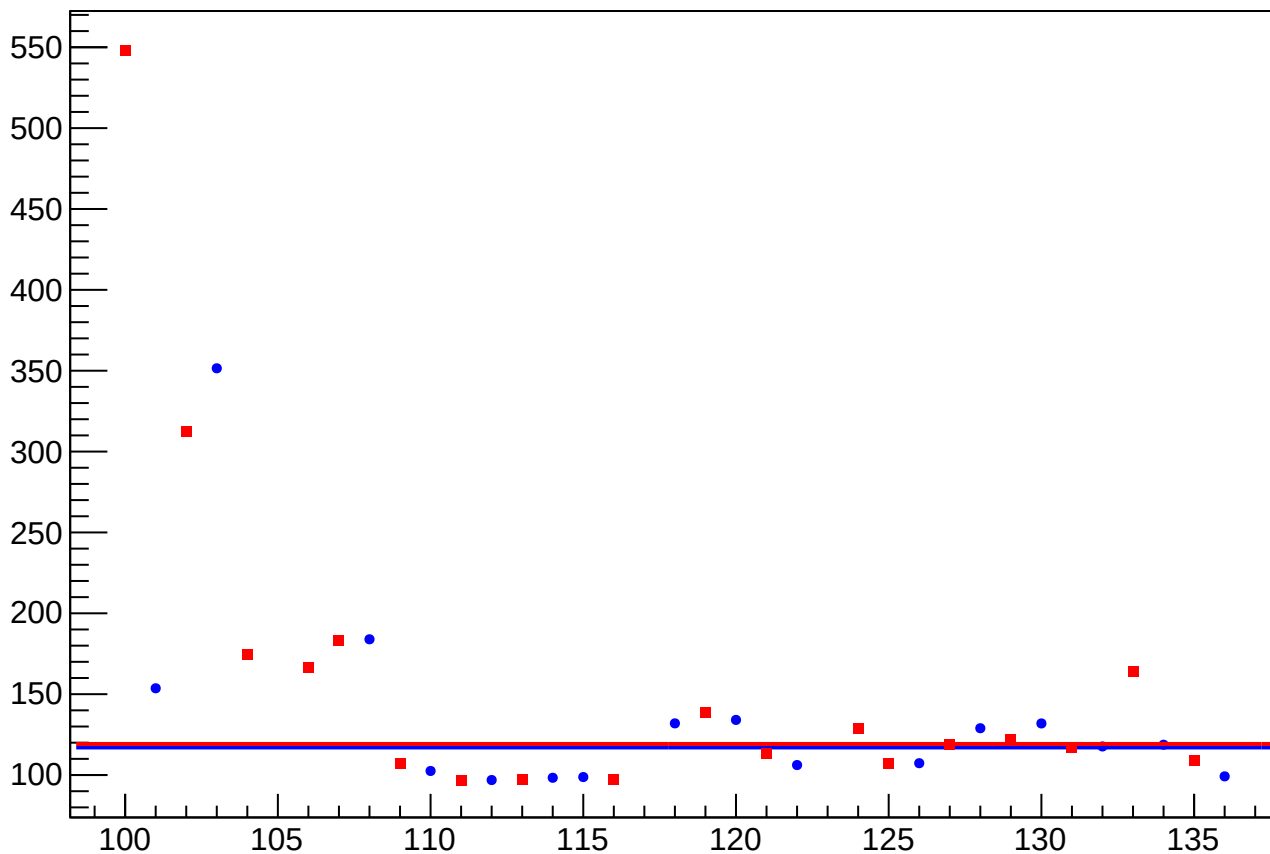
Right: 72.160 $\pm$ 32.748 χ^2 /NDF: 38.5/33

In: 18.204 $\pm$ 45.704 χ^2 /NDF: 13.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.160 $\pm$ 32.748 χ^2 /NDF: 38.5/33

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: 119.215+/-0.033 χ^2/NDF : 965006.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

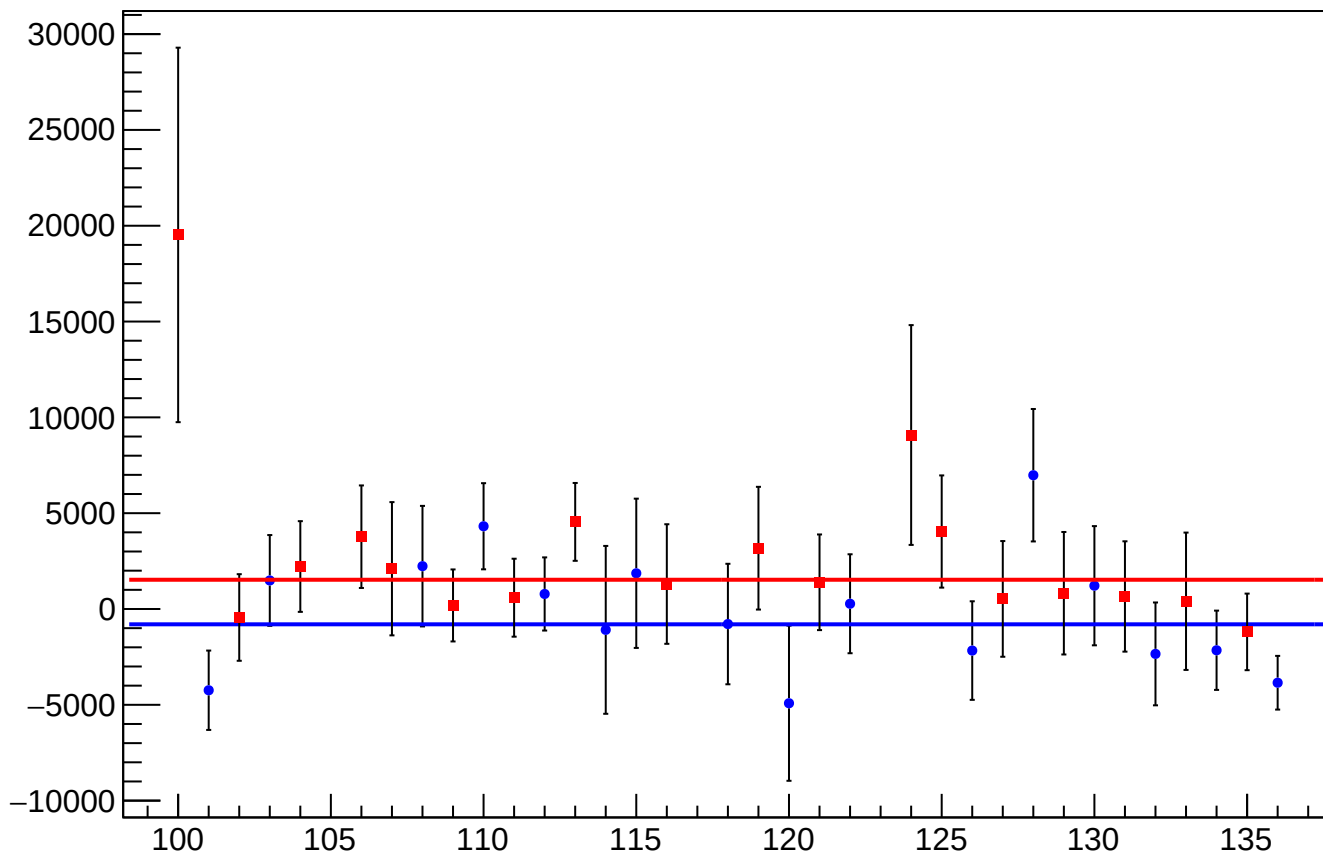
Right: 118.110+/-0.023 χ^2/NDF : 1825564.9/33

In: 117.063+/-0.032 χ^2/NDF : 858400.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.110+/-0.023 χ^2/NDF : 1825564.9/33

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: 1526.163+/-627.559 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

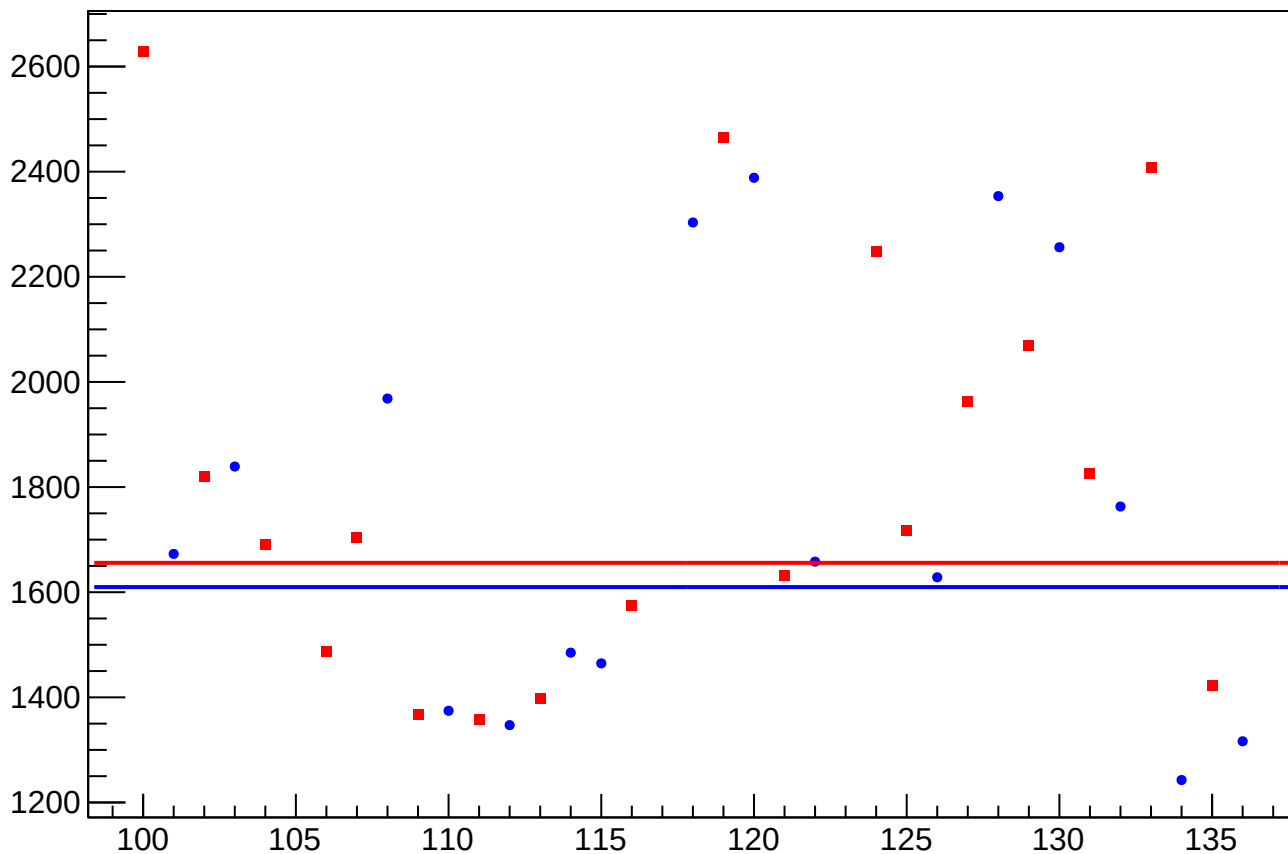
Right: 341.921+/-439.611 χ^2/NDF : 43.3/33

In: -799.133+/-616.009 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 341.921+/-439.611 χ^2/NDF : 43.3/33

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: 1655.857+/-0.444 χ^2/NDF : 489407.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

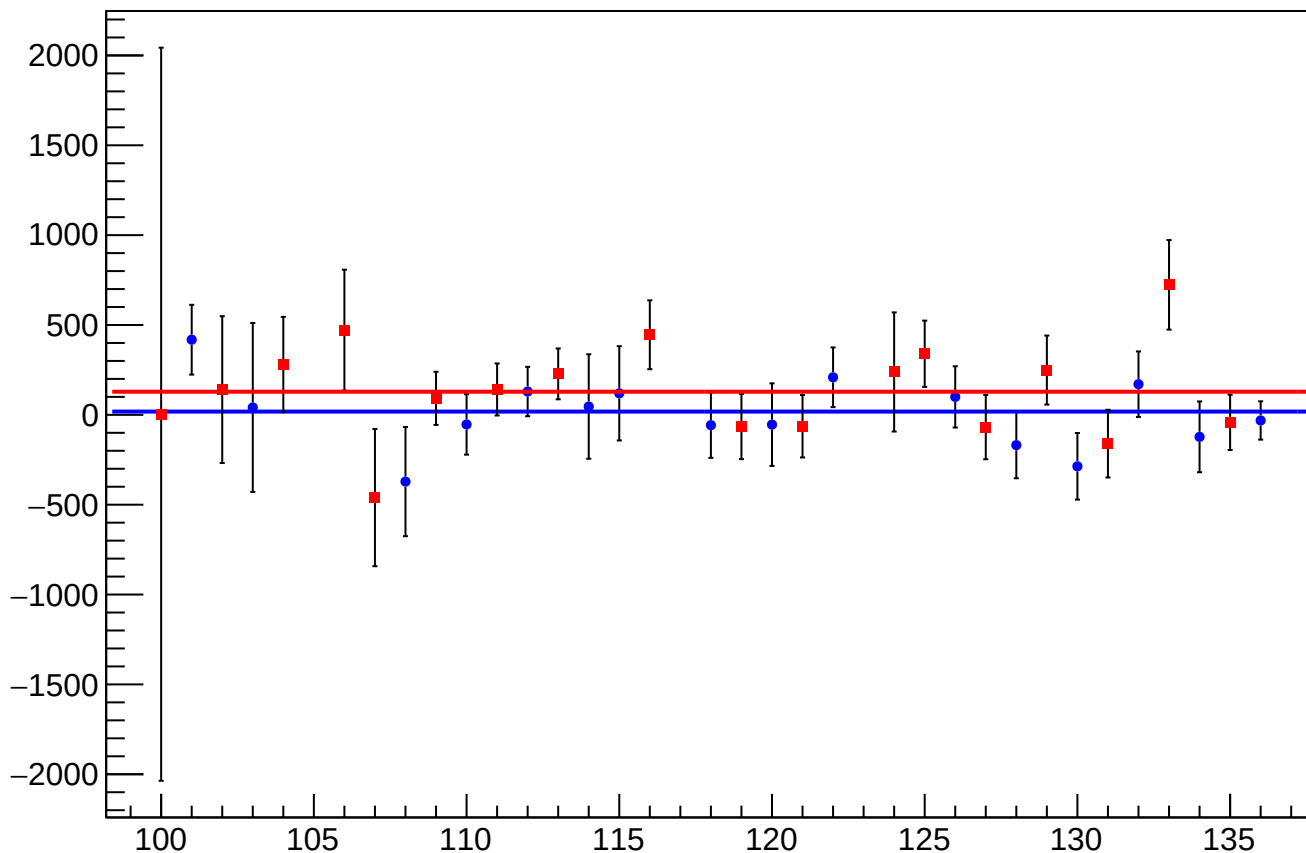
Right: 1632.391+/-0.311 χ^2/NDF : 1114026.9/33

In: 1609.782+/-0.436 χ^2/NDF : 619129.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1632.391+/-0.311 χ^2/NDF : 1114026.9/33

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: 128.795+/-46.949 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

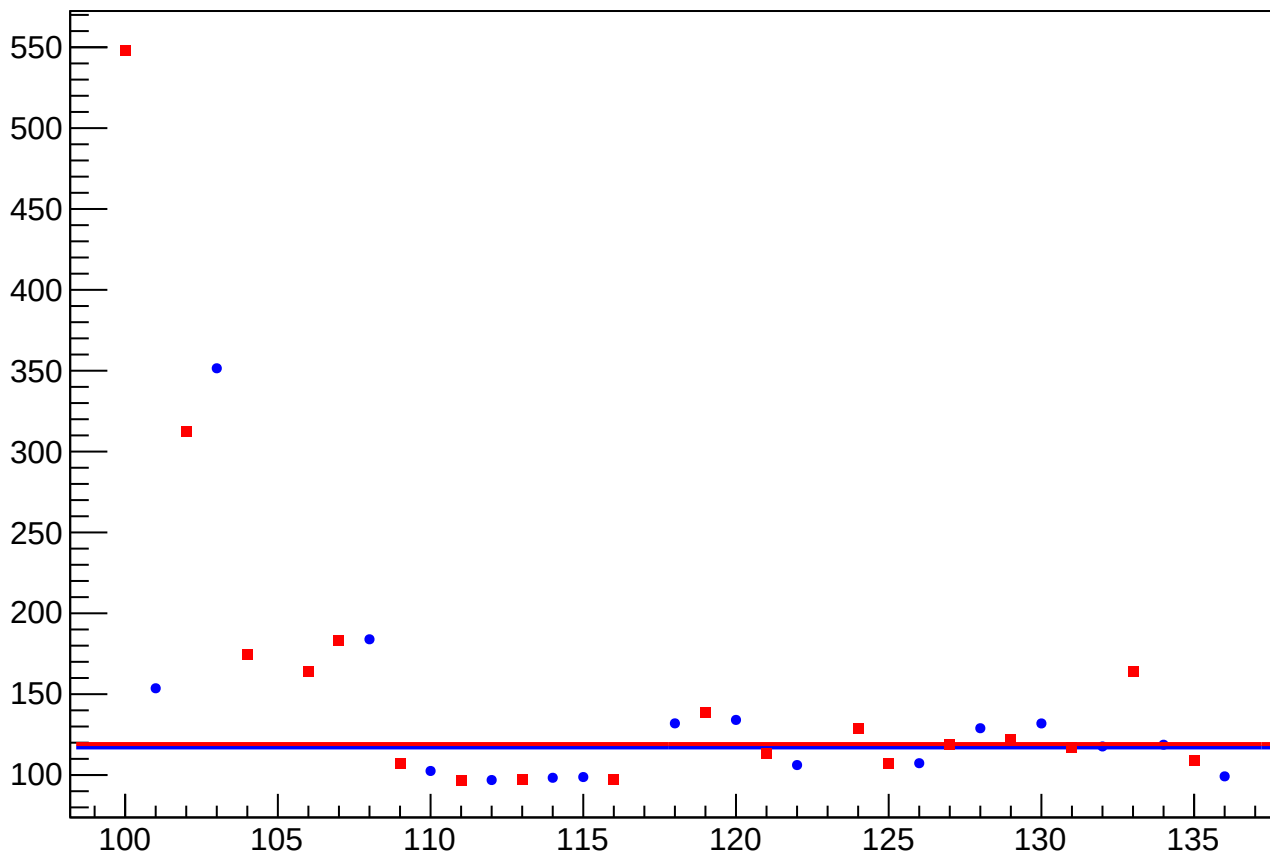
Right: 72.007+/-32.749 χ^2/NDF : 38.4/33

In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.007+/-32.749 χ^2/NDF : 38.4/33

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: 119.160+/-0.033 χ^2/NDF : 960925.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

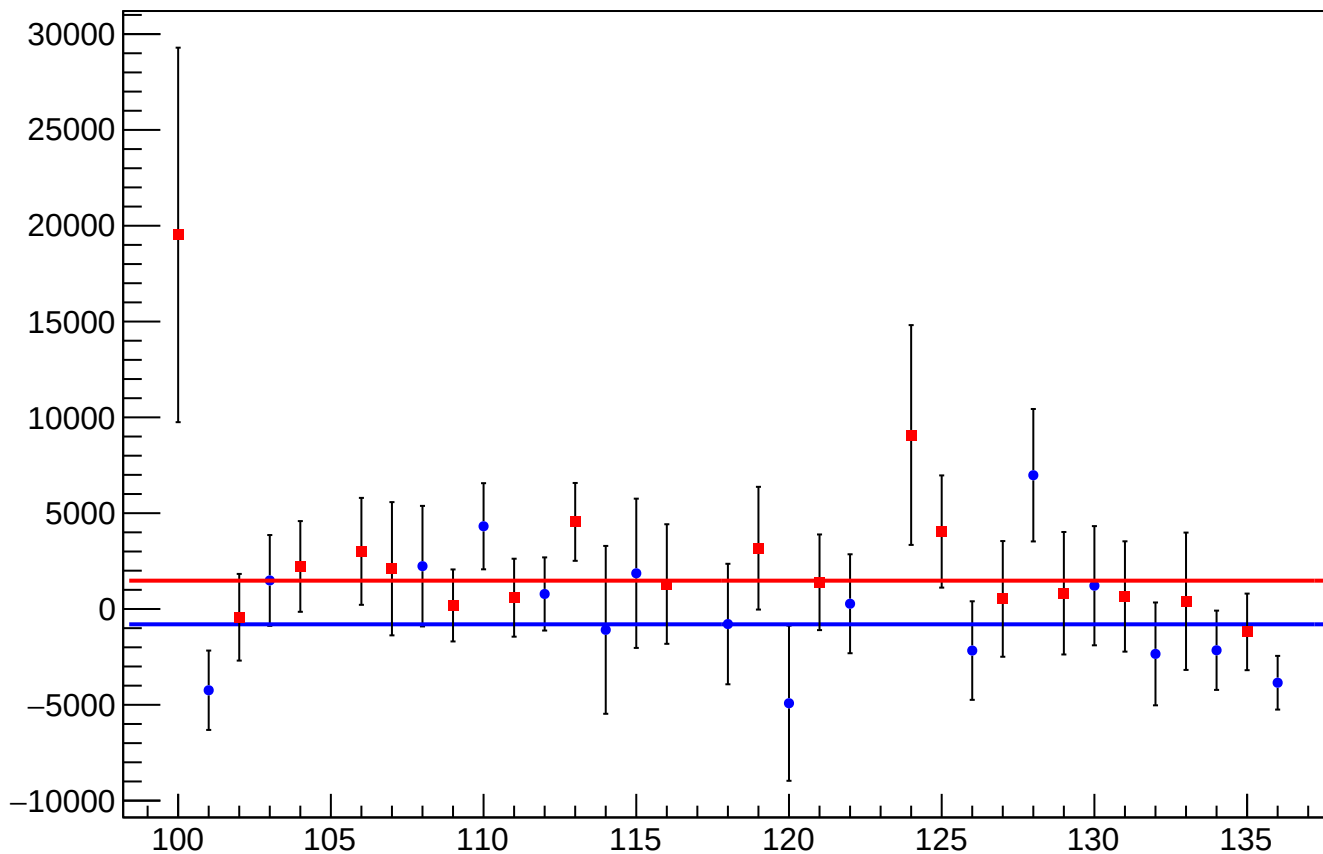
Right: 118.083+/-0.023 χ^2/NDF : 1821379.3/33

In: 117.063+/-0.032 χ^2/NDF : 858402.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.083+/-0.023 χ^2/NDF : 1821379.3/33

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: 1478.671+/-629.002 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

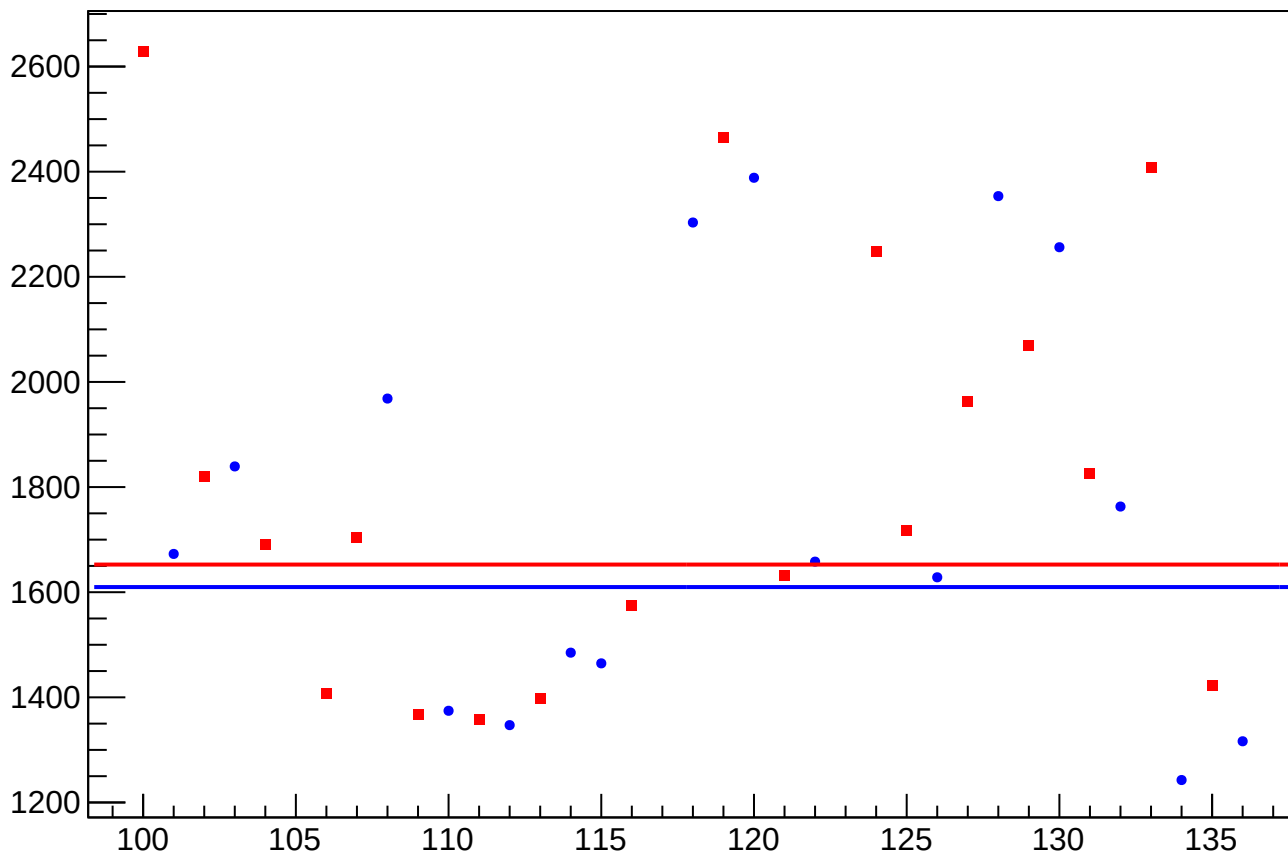
Right: 316.017+/-440.108 χ^2/NDF : 42.5/33

In: -799.116+/-616.014 χ^2/NDF :23.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 316.017+/-440.108 χ^2/NDF : 42.5/33

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: 1652.584+/-0.445 χ^2/NDF : 497591.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

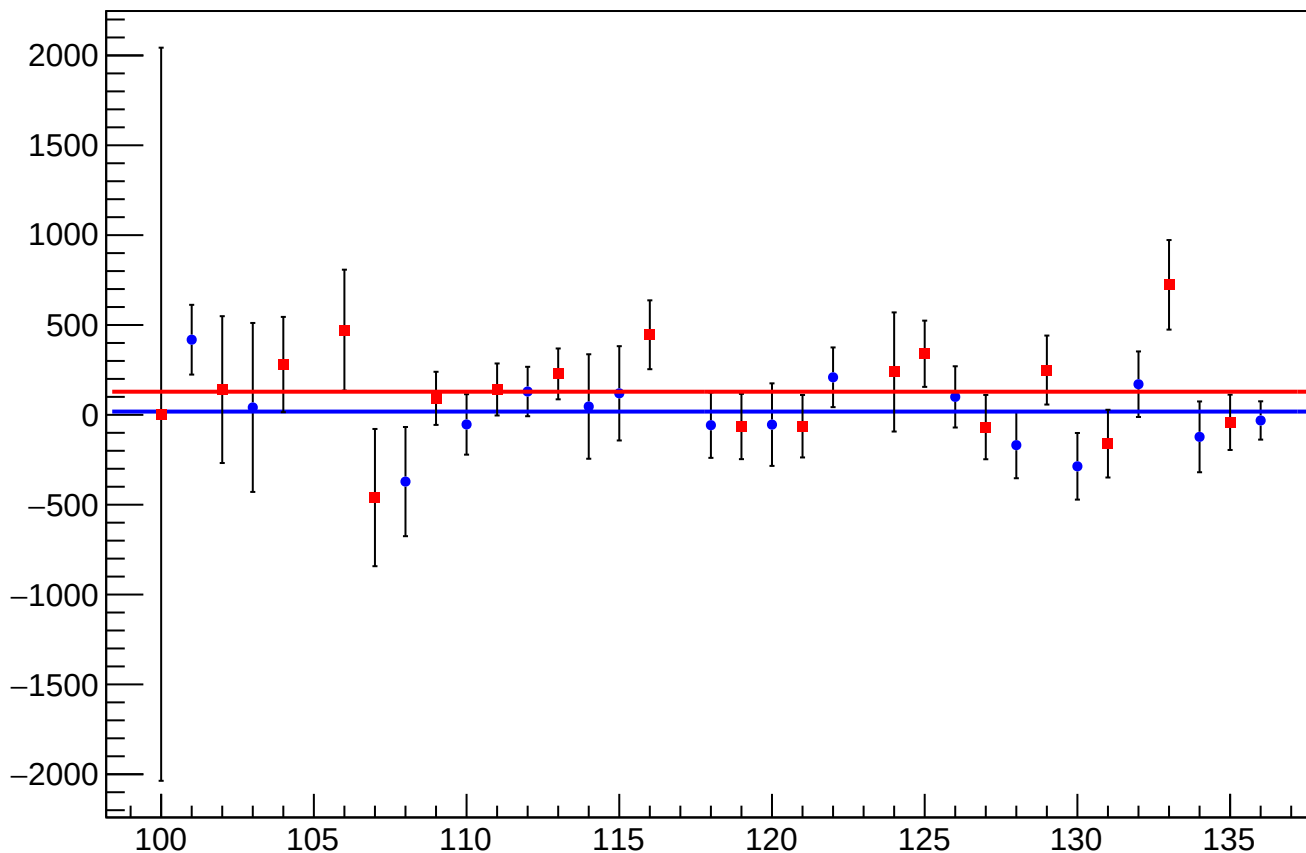
Right: 1630.741+/-0.311 χ^2/NDF : 1121475.4/33

In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.741+/-0.311 χ^2/NDF : 1121475.4/33

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: 128.795+/-46.949 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

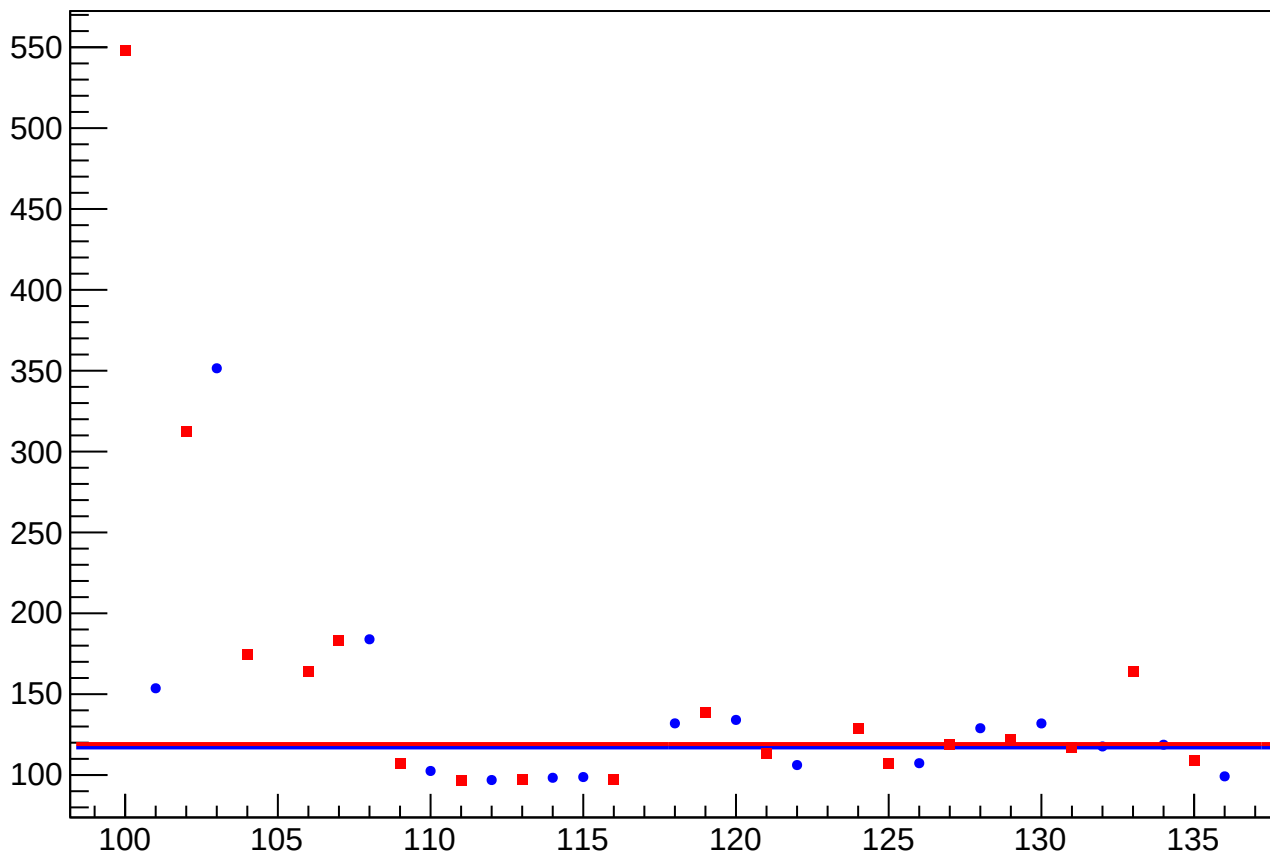
Right: 72.007+/-32.749 χ^2/NDF : 38.4/33

In: 18.191+/-45.704 χ^2/NDF : 13.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.007+/-32.749 χ^2/NDF : 38.4/33

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: 119.160+/-0.033 χ^2/NDF : 960925.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

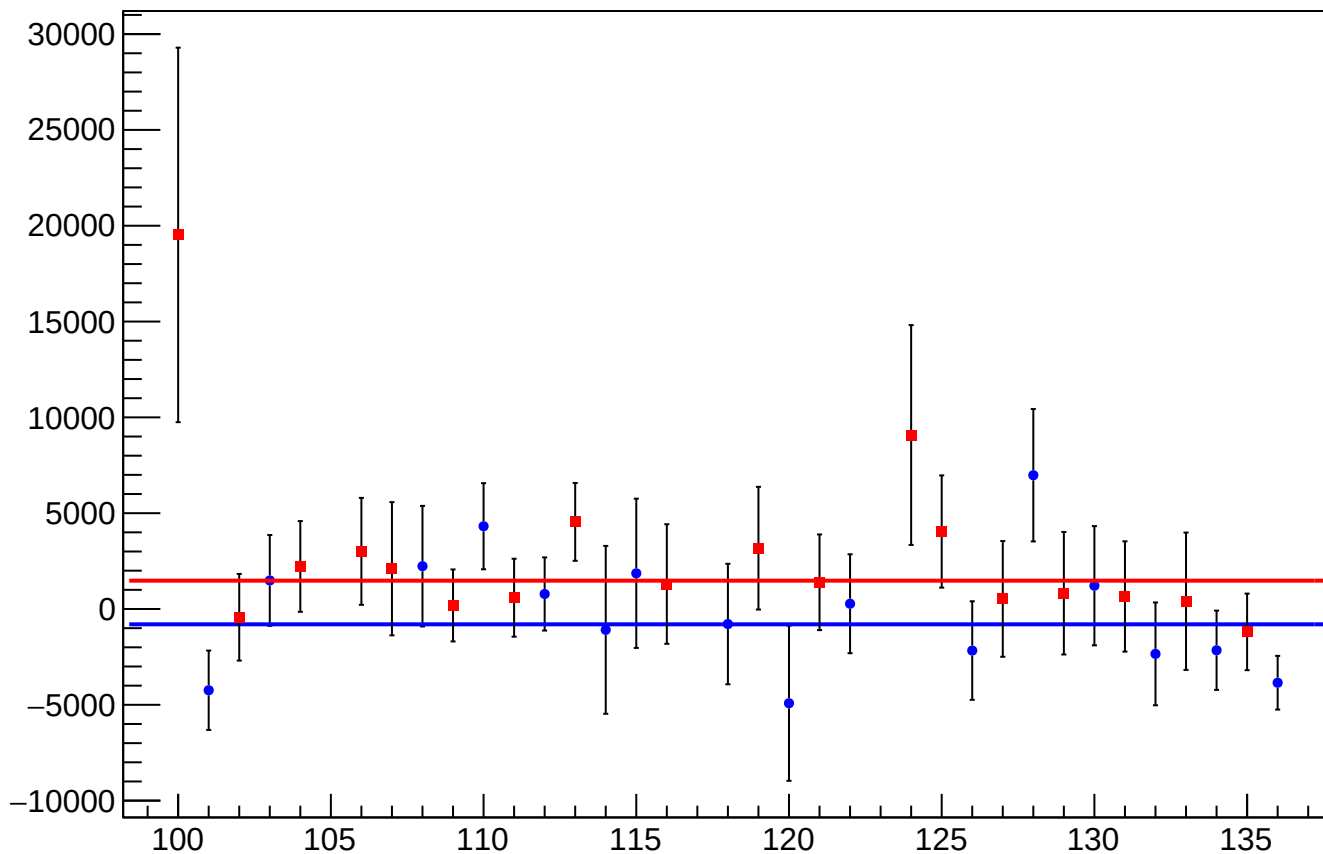
Right: 118.083+/-0.023 χ^2/NDF : 1821379.3/33

In: 117.063+/-0.032 χ^2/NDF : 858402.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.083+/-0.023 χ^2/NDF : 1821379.3/33

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: 1478.671+/-629.002 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

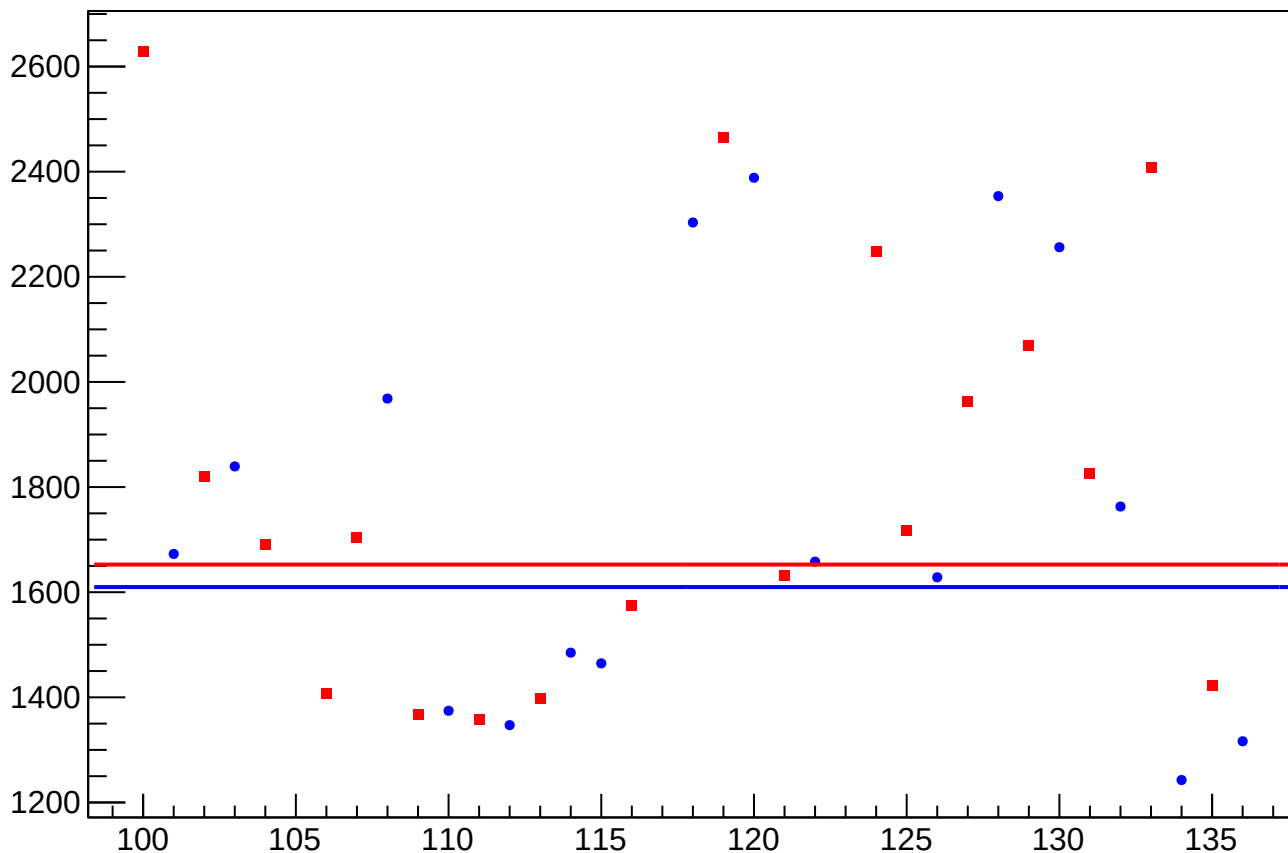
Right: 316.017+/-440.108 χ^2/NDF : 42.5/33

In: -799.116+/-616.014 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.017+/-440.108 χ^2/NDF : 42.5/33

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: 1652.584+/-0.445 χ^2/NDF : 497591.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

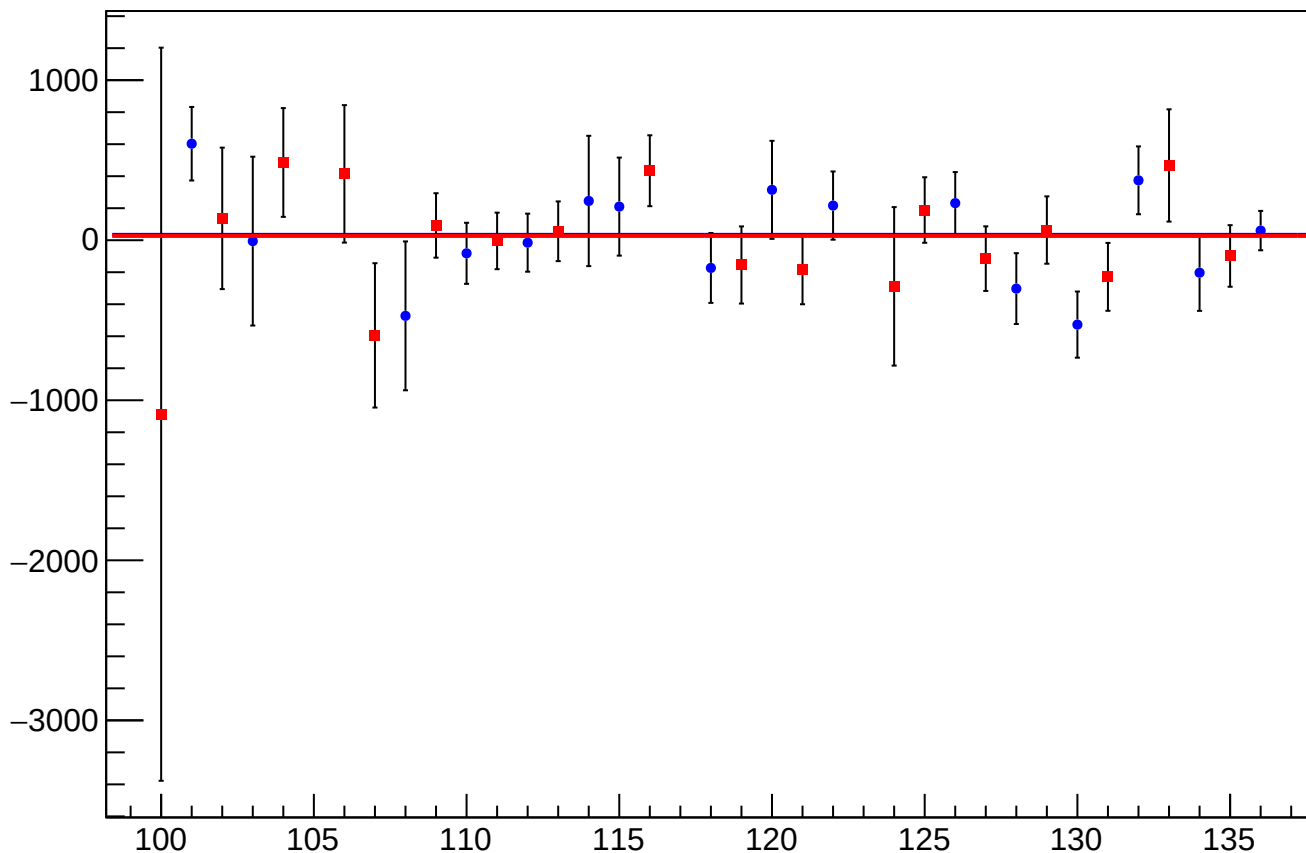
Right: 1630.741+/-0.311 χ^2/NDF : 1121475.4/33

In: 1609.791+/-0.436 χ^2/NDF : 619158.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1630.741+/-0.311 χ^2/NDF : 1121475.4/33

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: 26.822+/-57.644 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

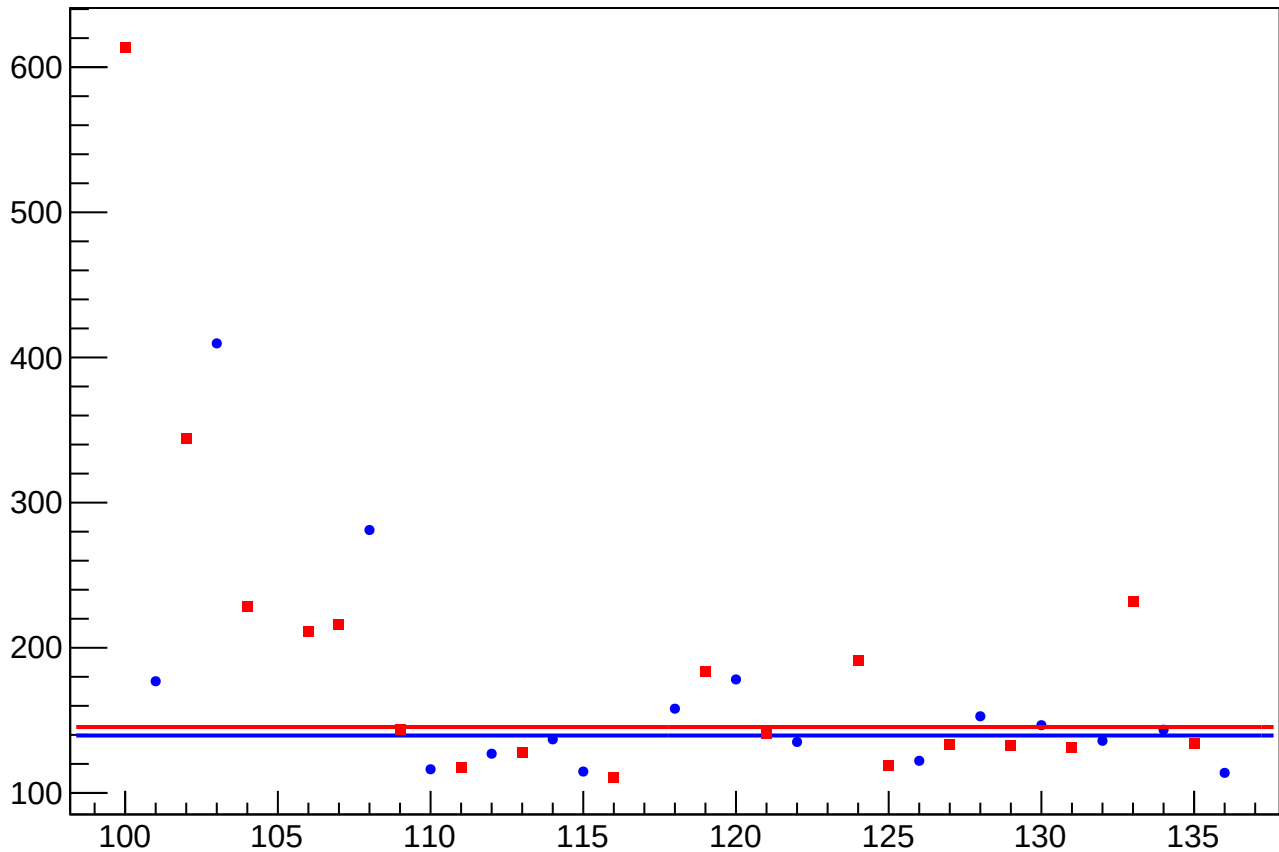
Right: 30.308+/-39.758 χ^2/NDF : 40.1/33

In: 33.471+/-54.908 χ^2/NDF : 25.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.308+/-39.758 χ^2/NDF : 40.1/33

dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 139.566 $\pm$ 0.039 χ^2 /NDF: 976734.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.421 $\pm$ 0.041 χ^2 /NDF: 1073990.4/17

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

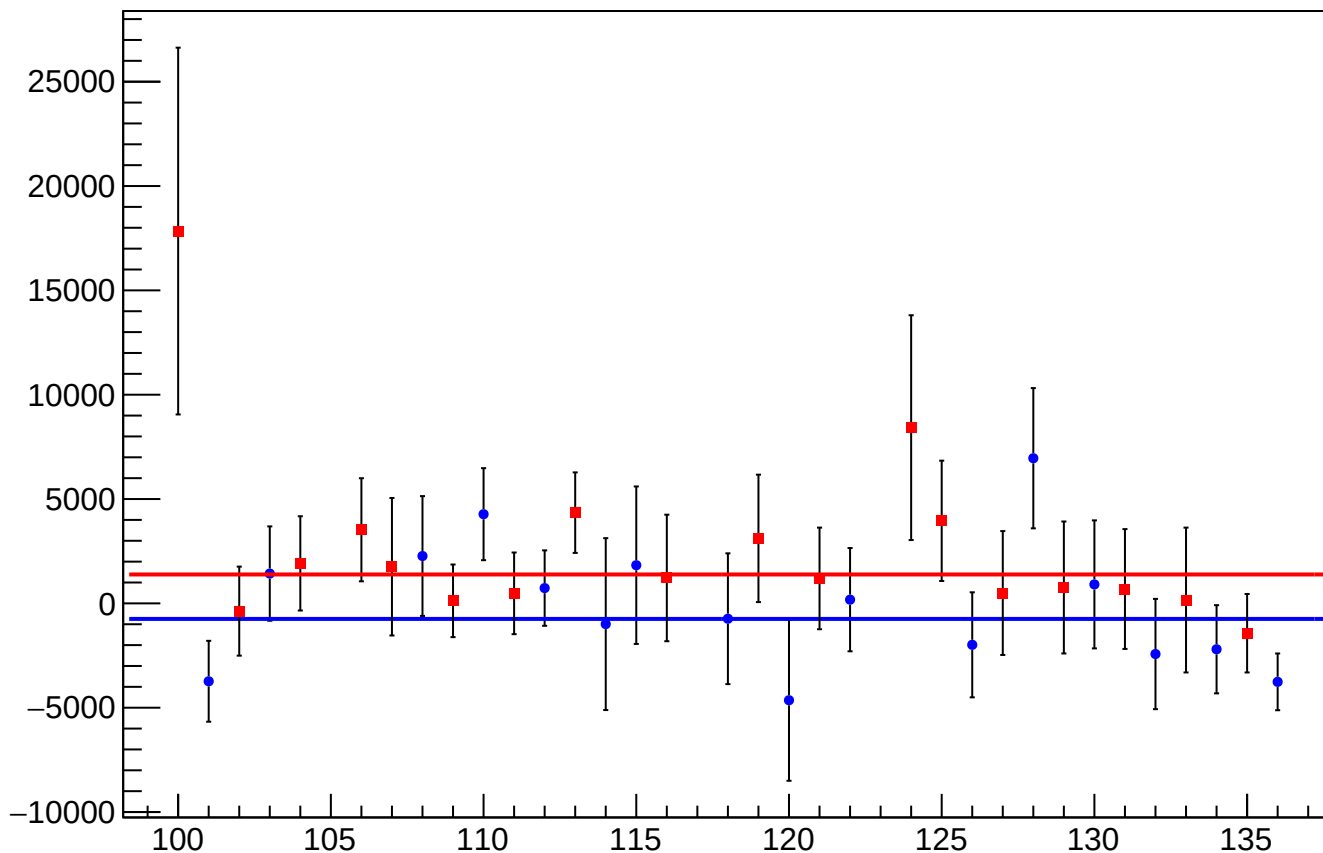
Right: 142.352 $\pm$ 0.028 χ^2 /NDF: 2061543.4/33

In: 139.566 $\pm$ 0.039 χ^2 /NDF:976734.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.352 $\pm$ 0.028 χ^2 /NDF: 2061543.4/33

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: 1385.162+/-599.212 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

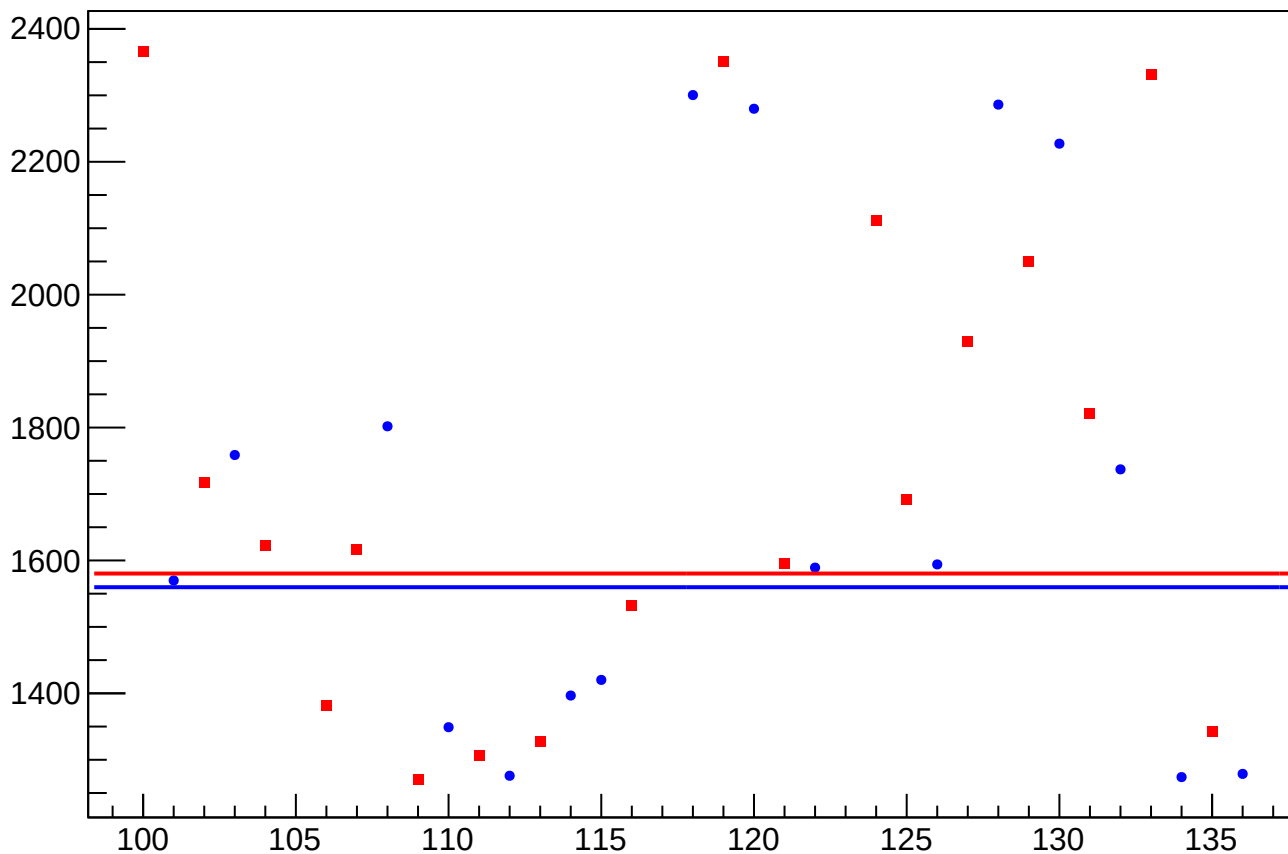
Right: 314.177+/-422.499 χ^2/NDF : 43.3/33

In: -744.681+/-595.810 χ^2/NDF : 23.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.177+/-422.499 χ^2/NDF : 43.3/33

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: 1580.314+/-0.424 χ^2/NDF : 537354.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

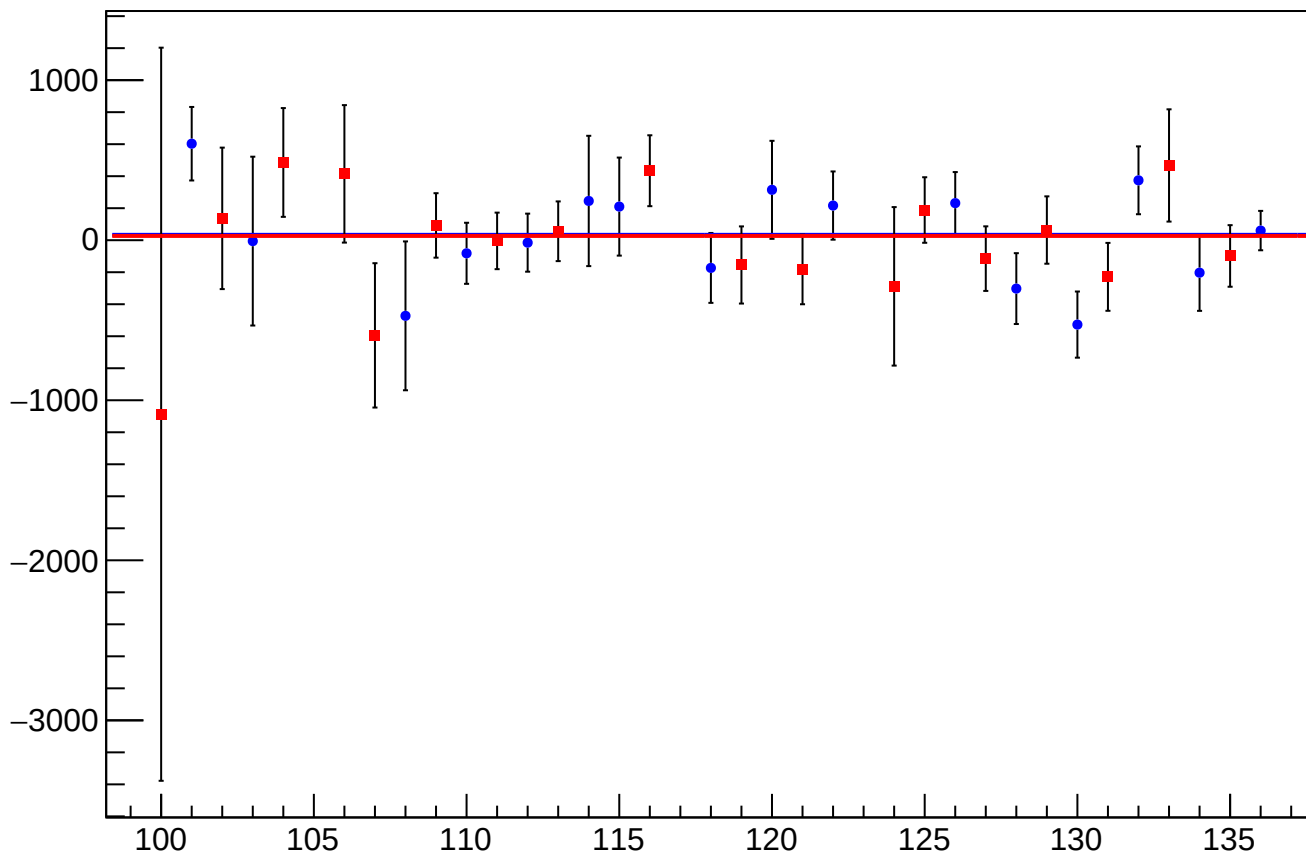
Right: 1569.966+/-0.299 χ^2/NDF : 1142749.8/33

In: 1559.735+/-0.421 χ^2/NDF :604209.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1569.966+/-0.299 χ^2/NDF : 1142749.8/33

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: 26.818+/-57.645 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

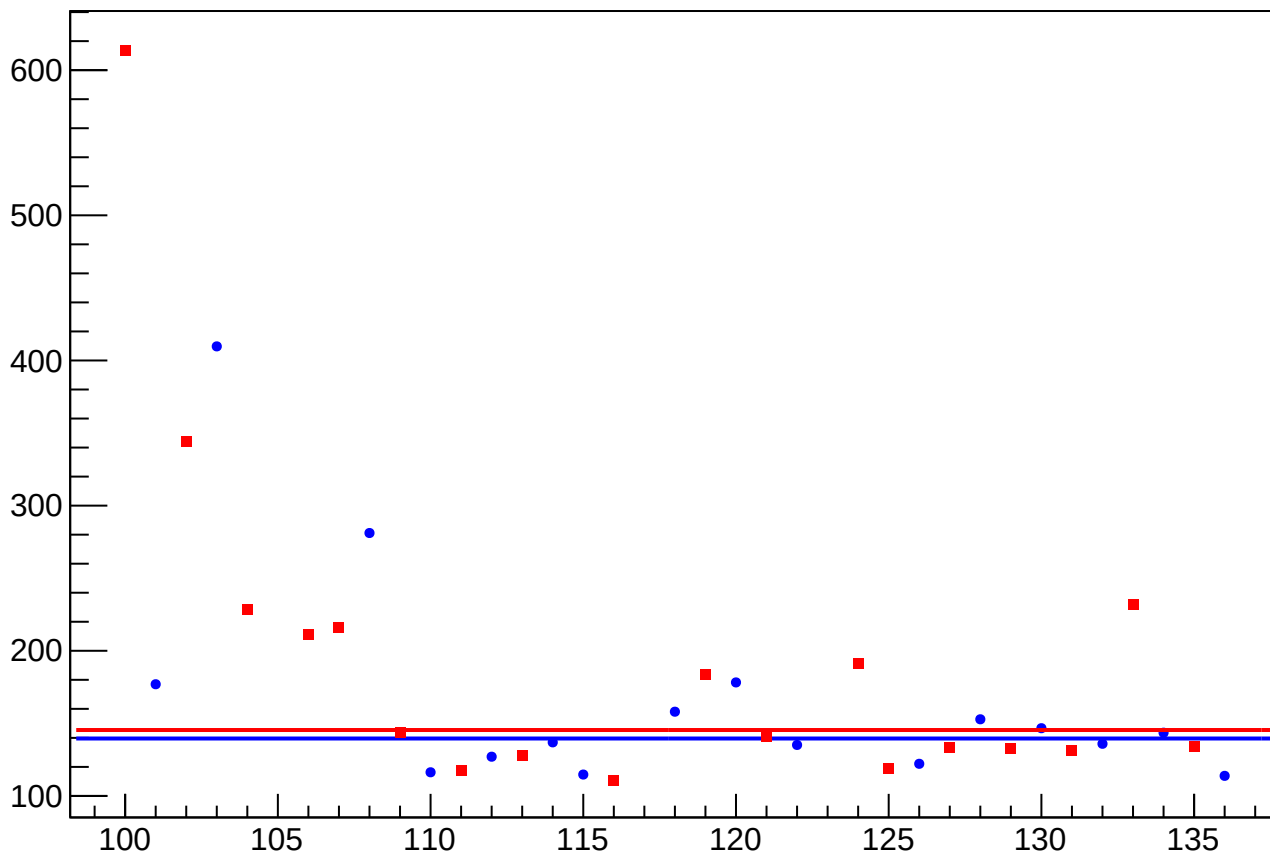
Right: 30.305+/-39.758 χ^2/NDF : 40.1/33

In: 33.469+/-54.908 χ^2/NDF : 25.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.305+/-39.758 χ^2/NDF : 40.1/33

eigen_dit_asym_sam3_rms vs Slug, Sign Corrected



Right In: 139.567 $\pm$ 0.039 χ^2 /NDF: 976737.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.422 $\pm$ 0.041 χ^2 /NDF: 1073992.0/17

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

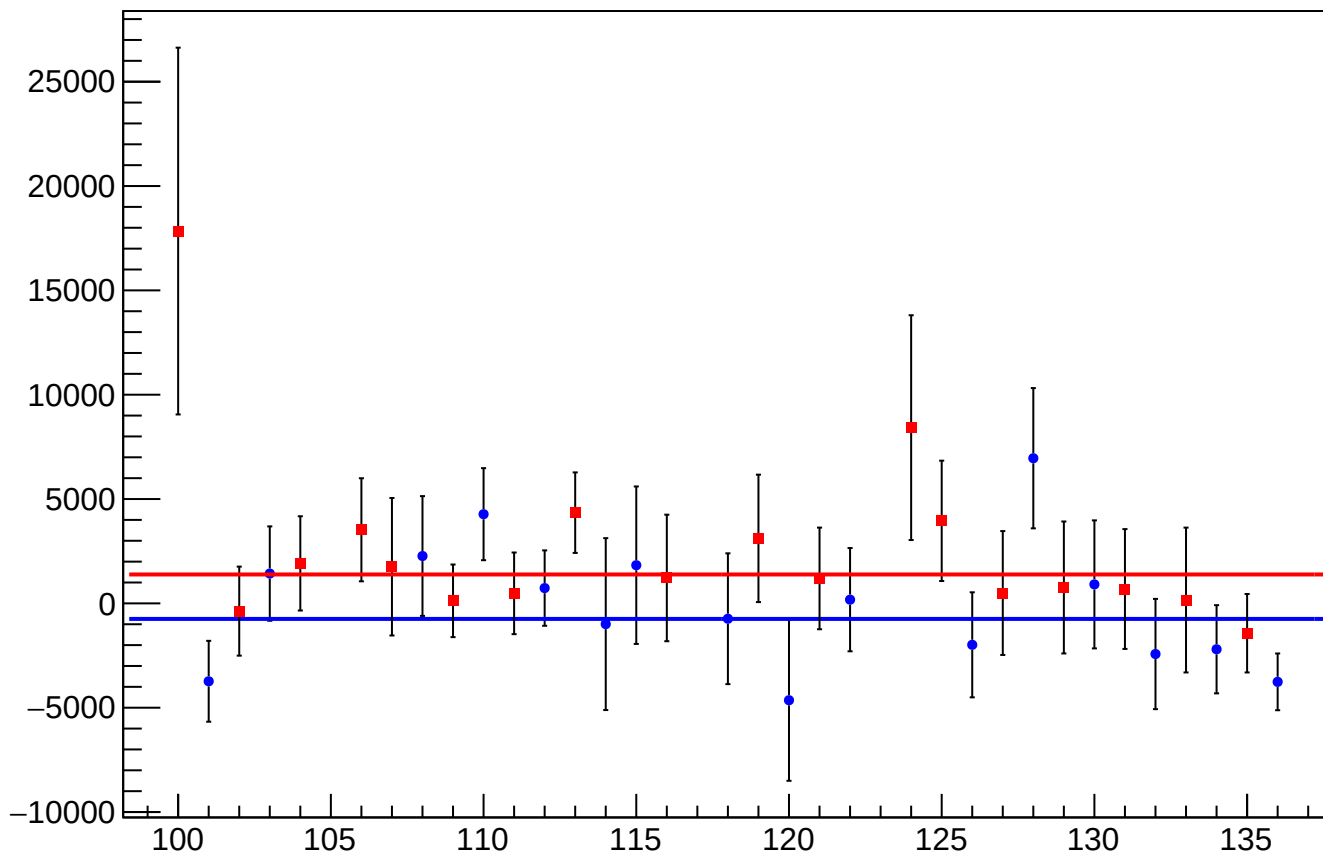
Right: 142.352 $\pm$ 0.028 χ^2 /NDF: 2061548.6/33

In: 139.567 $\pm$ 0.039 χ^2 /NDF:976737.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 142.352 $\pm$ 0.028 χ^2 /NDF: 2061548.6/33

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: 1385.162+/-599.211 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

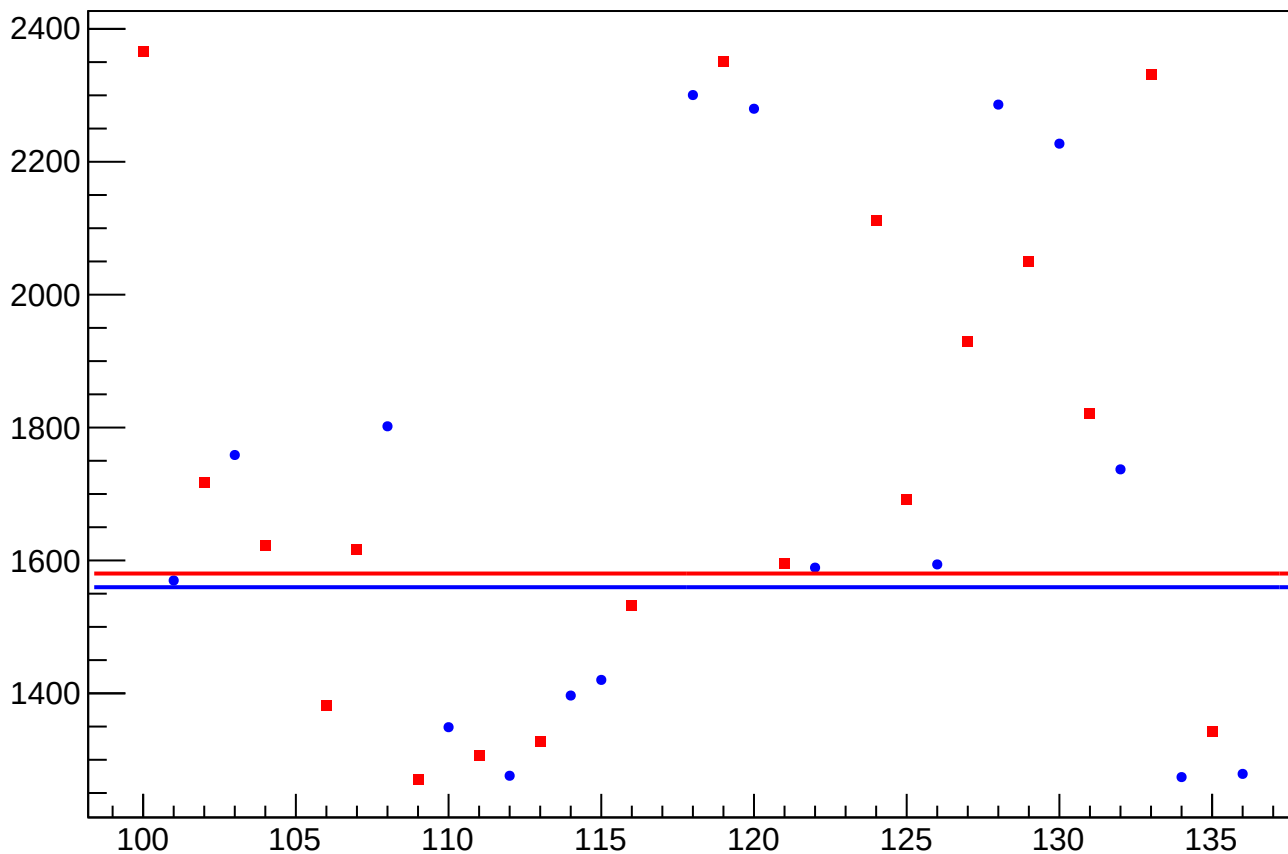
Right: 314.179+/-422.498 χ^2/NDF : 43.3/33

In: -744.678+/-595.809 χ^2/NDF : 23.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 314.179+/-422.498 χ^2/NDF : 43.3/33

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: 1580.311+/-0.424 χ^2/NDF : 537352.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

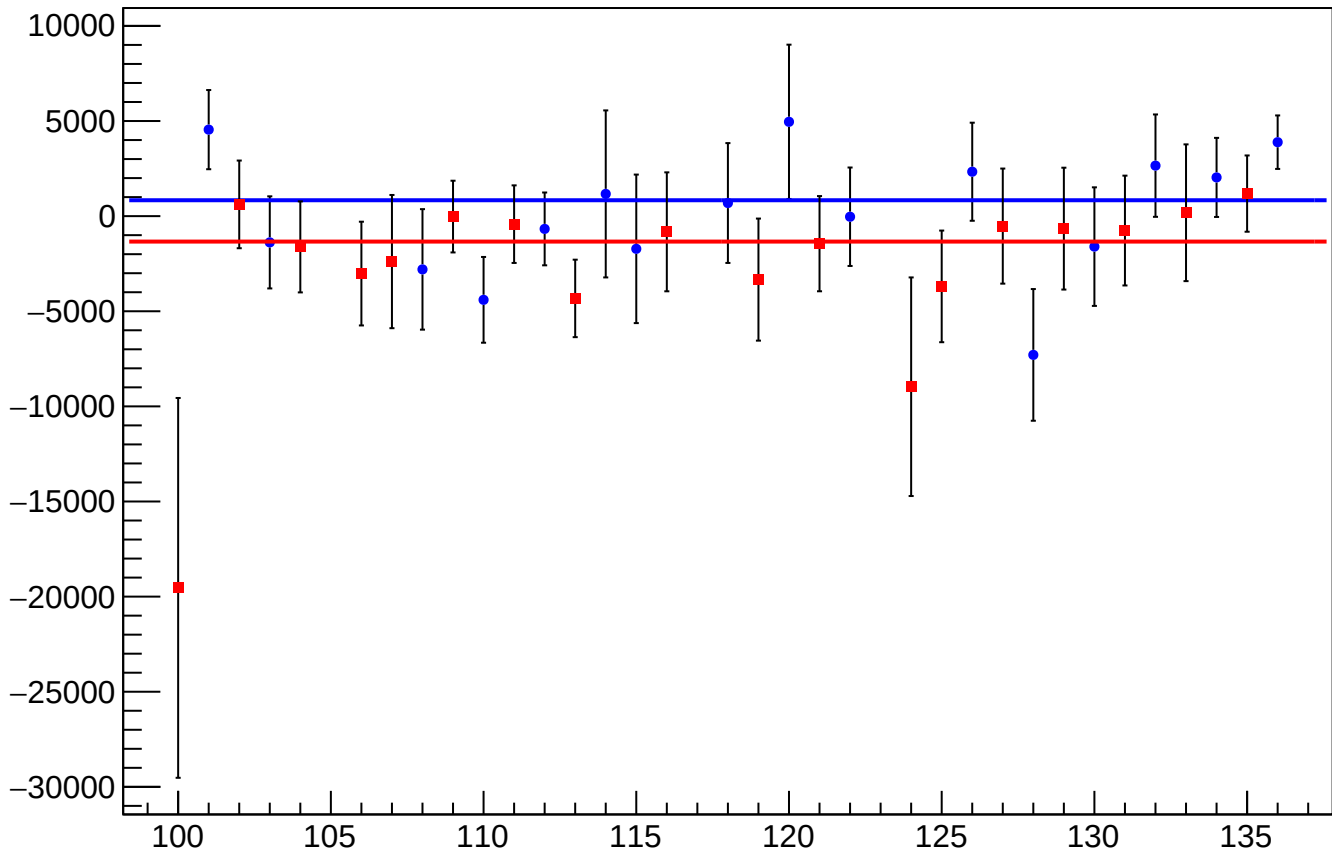
Right: 1569.964+/-0.299 χ^2/NDF : 1142748.5/33

In: 1559.734+/-0.421 χ^2/NDF :604209.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1569.964+/-0.299 χ^2/NDF : 1142748.5/33

asym_sam3_mean vs Slug, Sign Corrected



Right In: 835.496 $\pm$ 618.780 χ^2 /NDF: 24.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1337.200 $\pm$ 631.049 χ^2 /NDF: 12.1/17

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

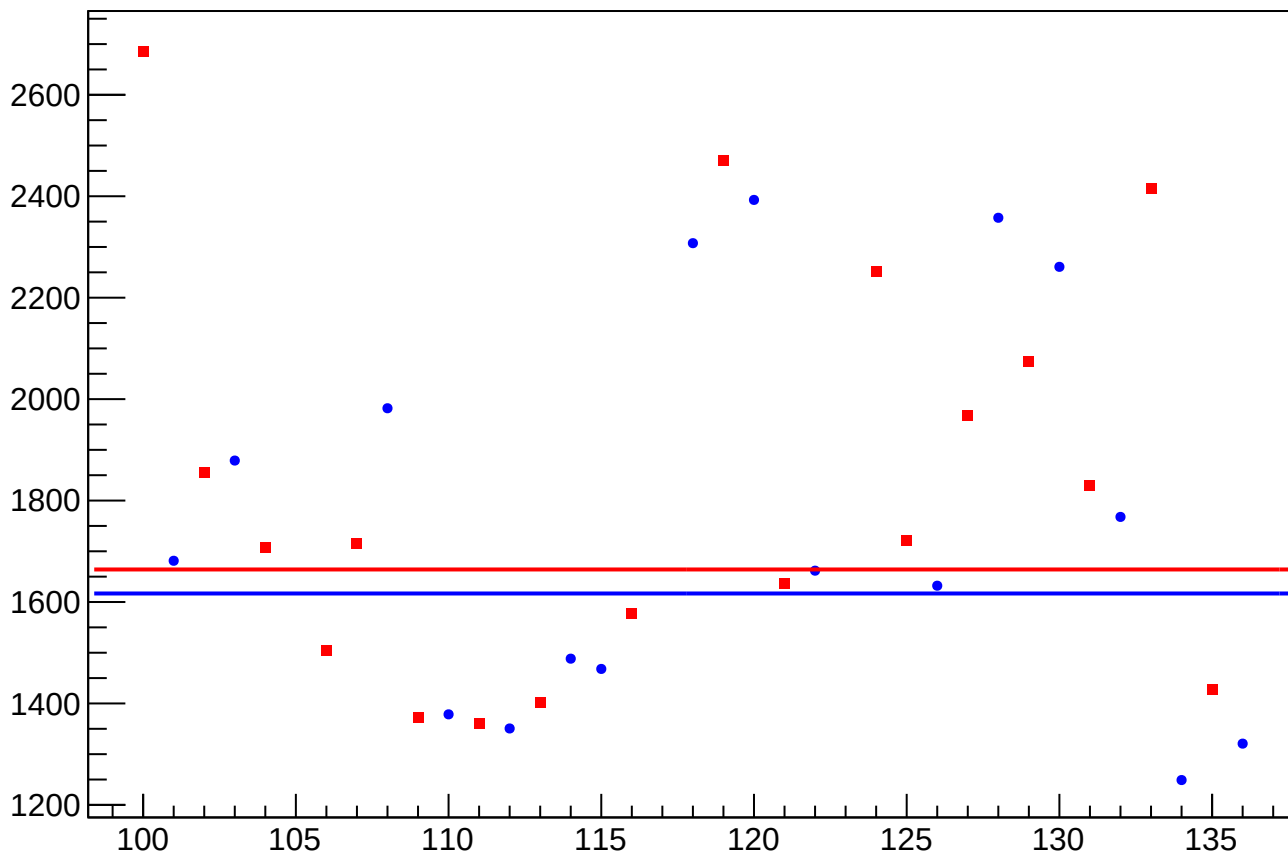
Right: -229.526 $\pm$ 441.818 χ^2 /NDF: 43.1/33

In: 835.496 $\pm$ 618.780 χ^2 /NDF:24.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -229.526 $\pm$ 441.818 χ^2 /NDF: 43.1/33

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: 1664.151+/-0.446 χ^2/NDF : 492454.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

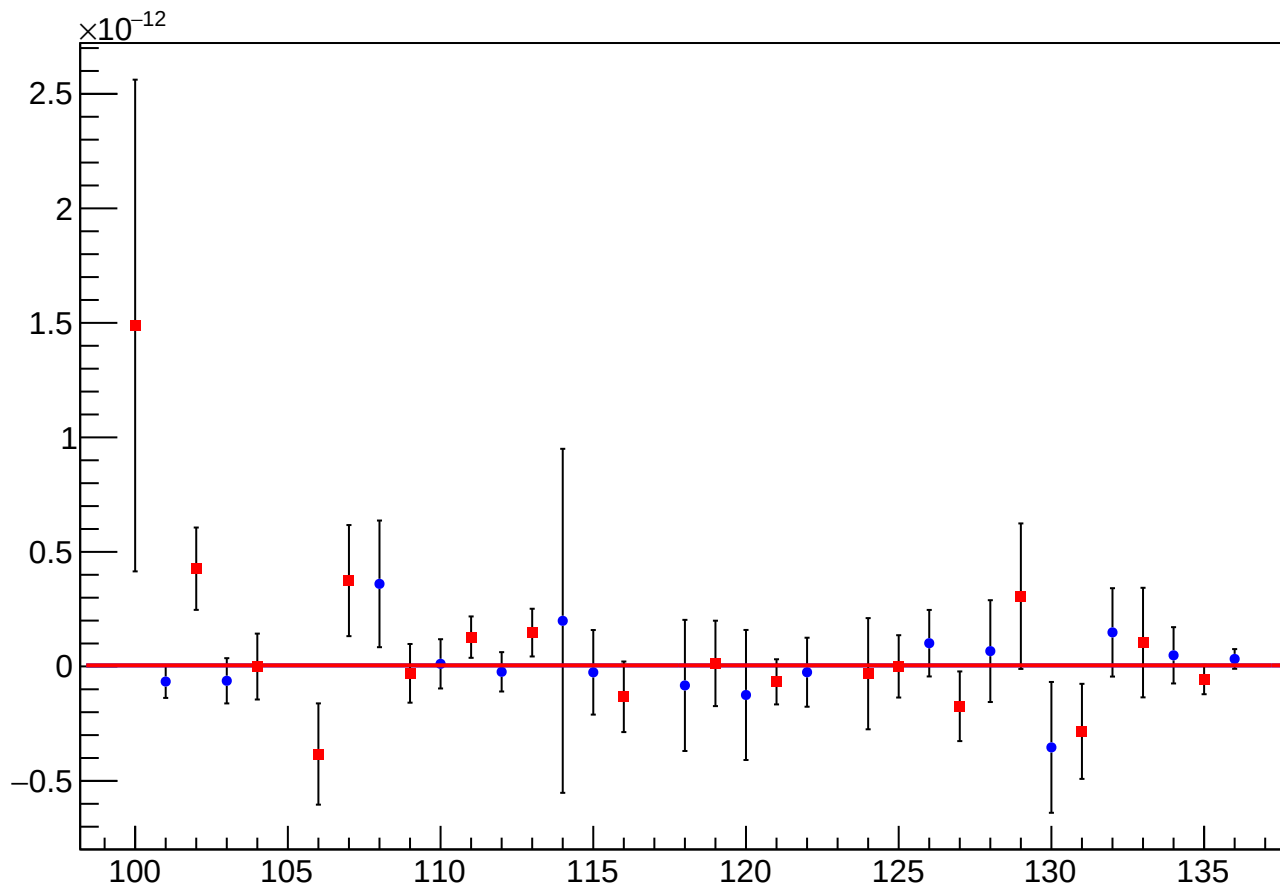
Right: 1640.013+/-0.312 χ^2/NDF : 1120465.1/33

In: 1616.804+/-0.438 χ^2/NDF : 622271.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1640.013+/-0.312 χ^2/NDF : 1120465.1/33

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 : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

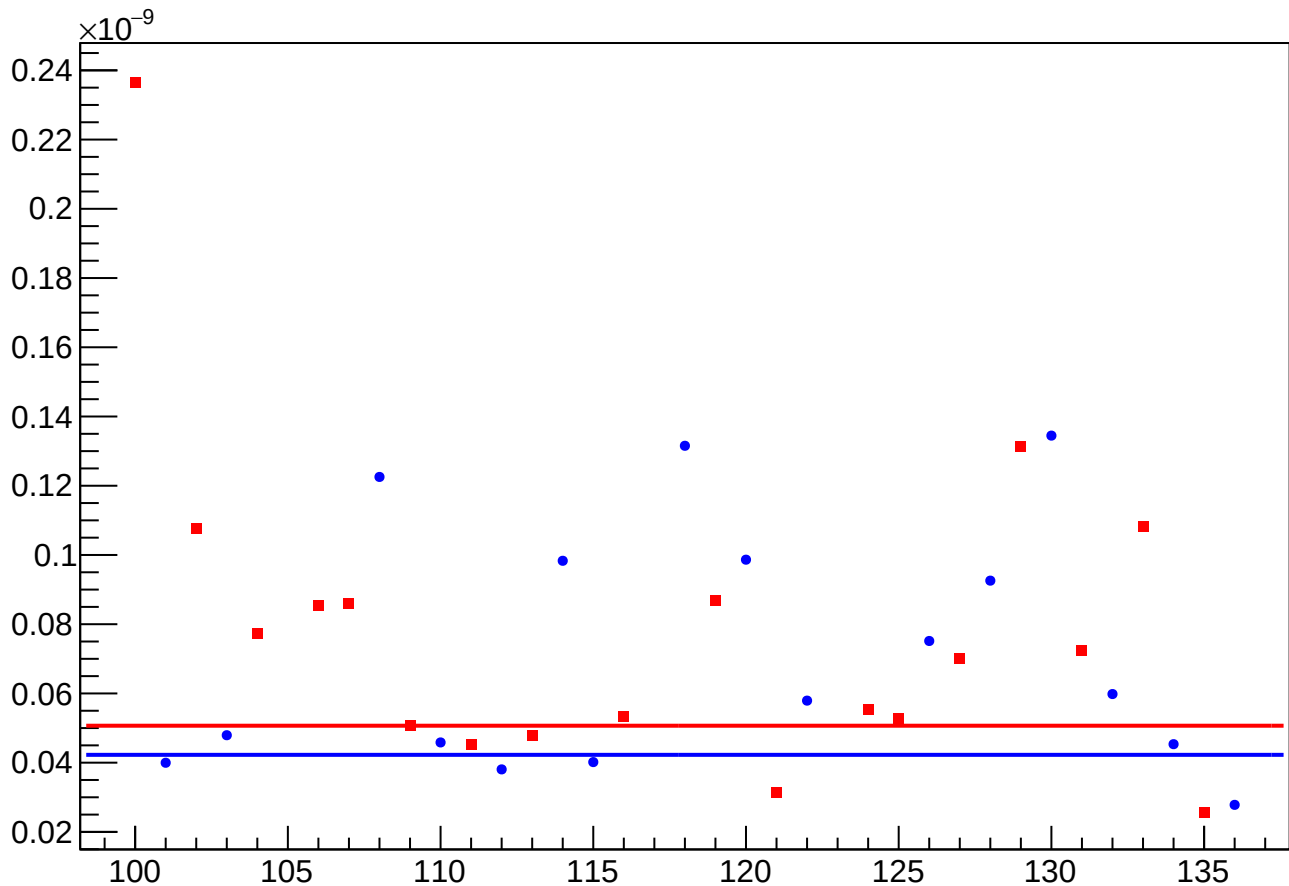
Right: 0.000+/-0.000 χ^2/NDF : 30.2/33

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 : 30.2/33

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 : 1190576.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

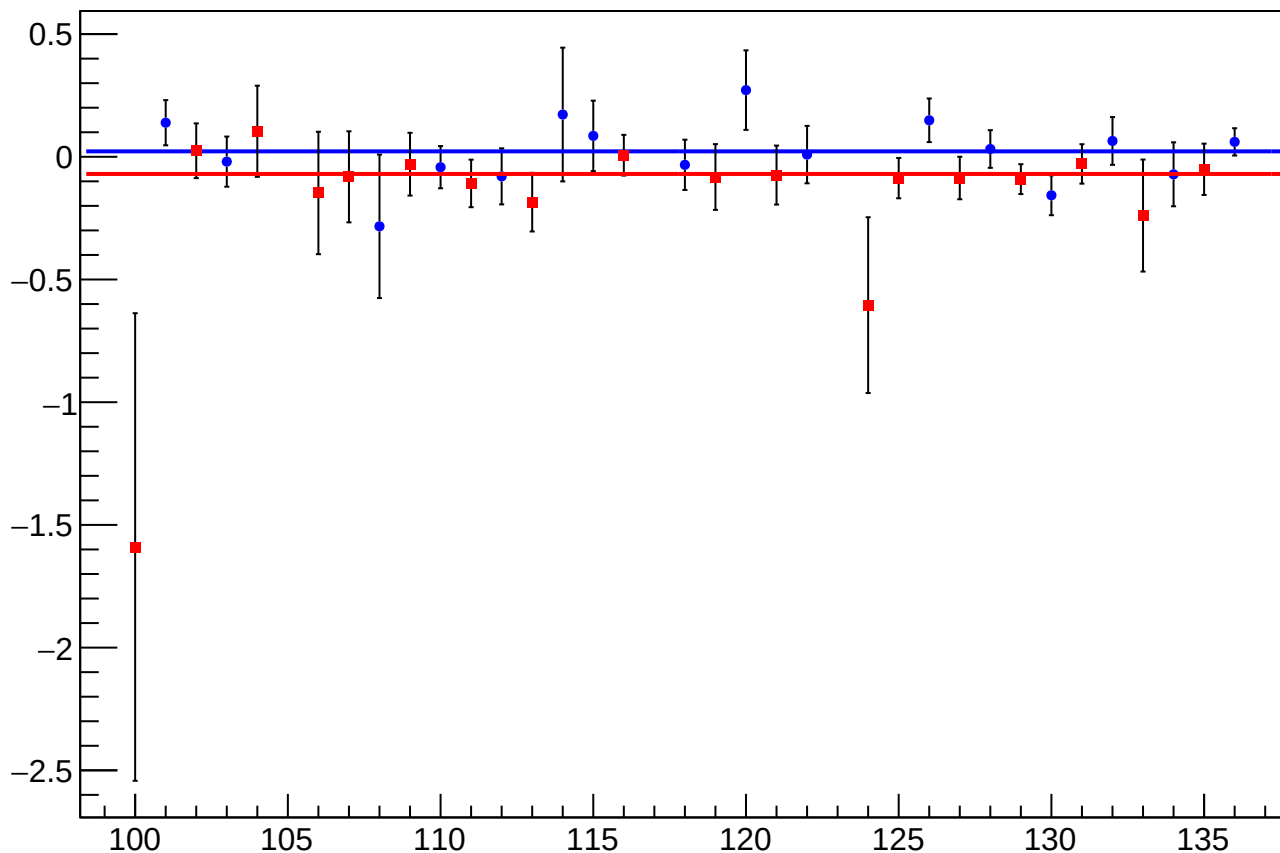
Right: 0.000+/-0.000 χ^2/NDF : 2418617.8/33

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 : 2418617.8/33

asym_sam3_dit_vs_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: -0.070+/-0.026 χ^2/NDF : 9.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

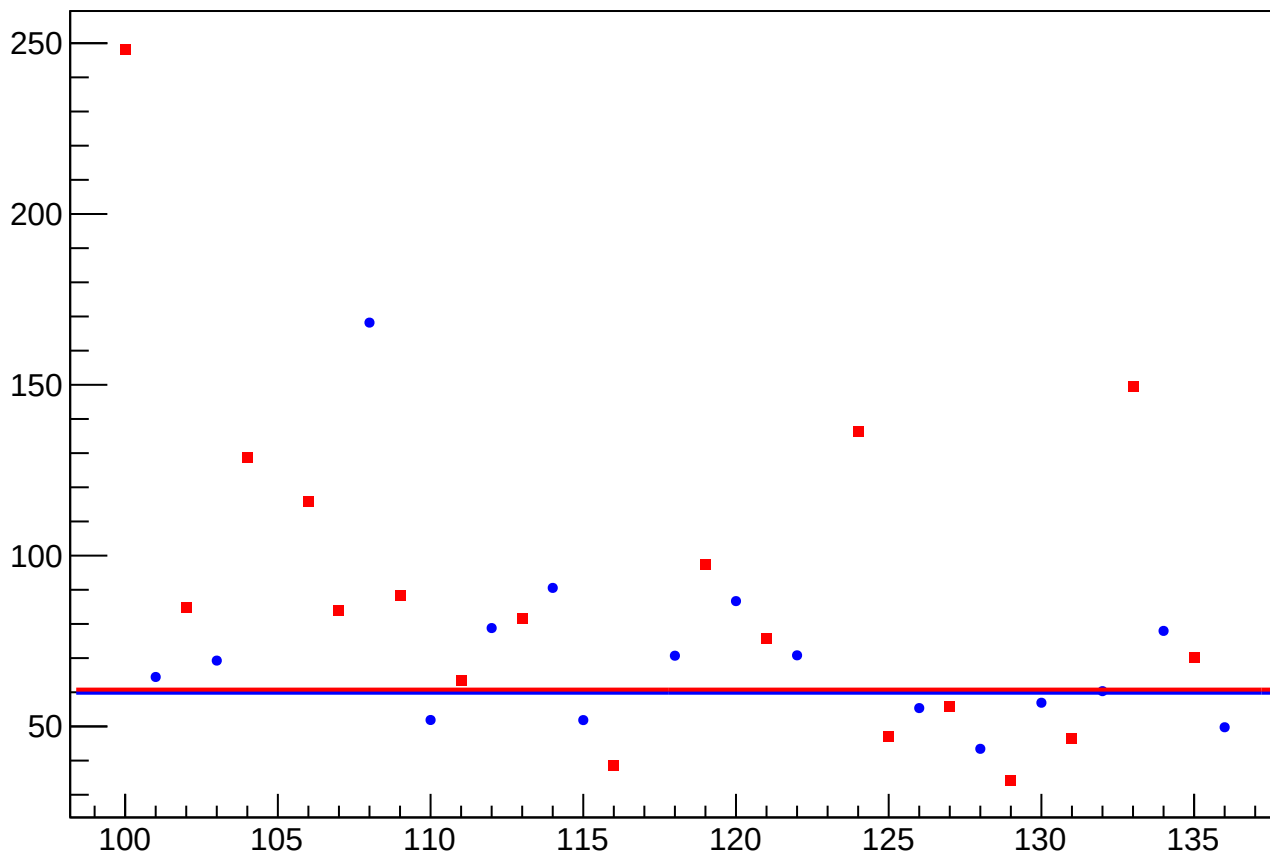
Right: -0.022+/-0.018 χ^2/NDF : 31.7/33

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 : 31.7/33

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: 60.780 $\pm$ 0.018 χ^2 /NDF: 1961767.8/17

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

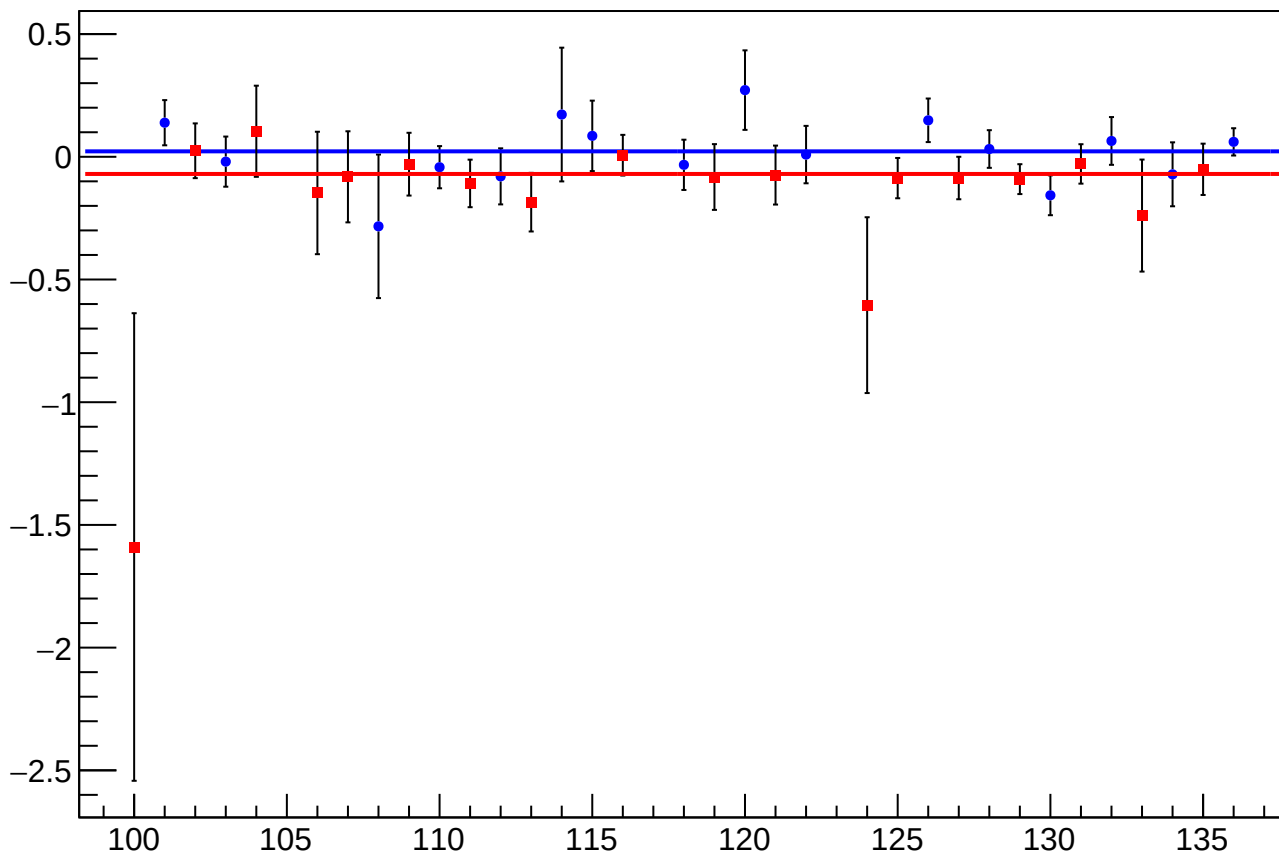
Right: 60.301 $\pm$ 0.013 χ^2 /NDF: 2662023.0/33

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: 60.301 $\pm$ 0.013 χ^2 /NDF: 2662023.0/33

asym_sam3_dit_vs_eigen_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: -0.070 $\pm$ 0.026 χ^2 /NDF: 9.6/17

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

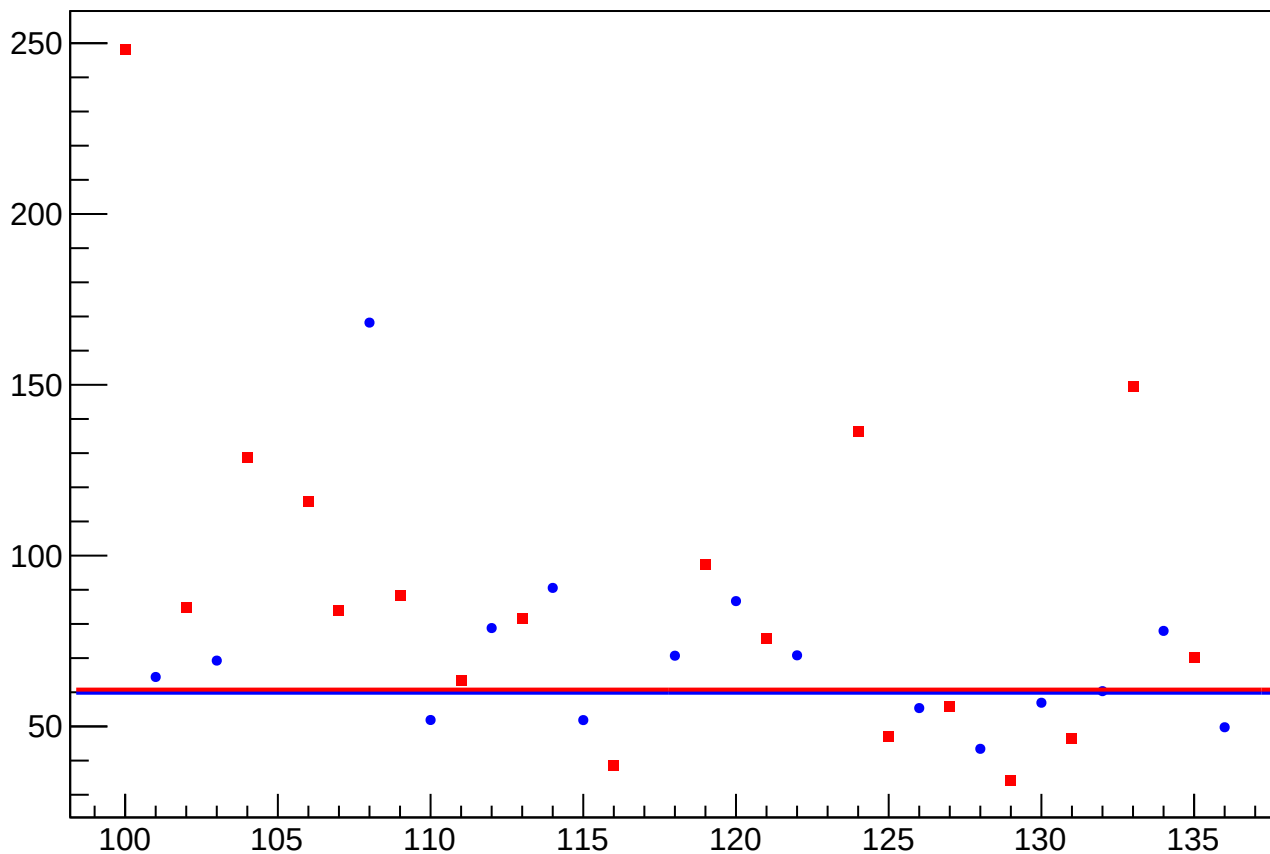
Right: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/33

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: 31.7/33

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 59.867+/-0.017 χ^2/NDF : 698954.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.780+/-0.018 χ^2/NDF : 1961767.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

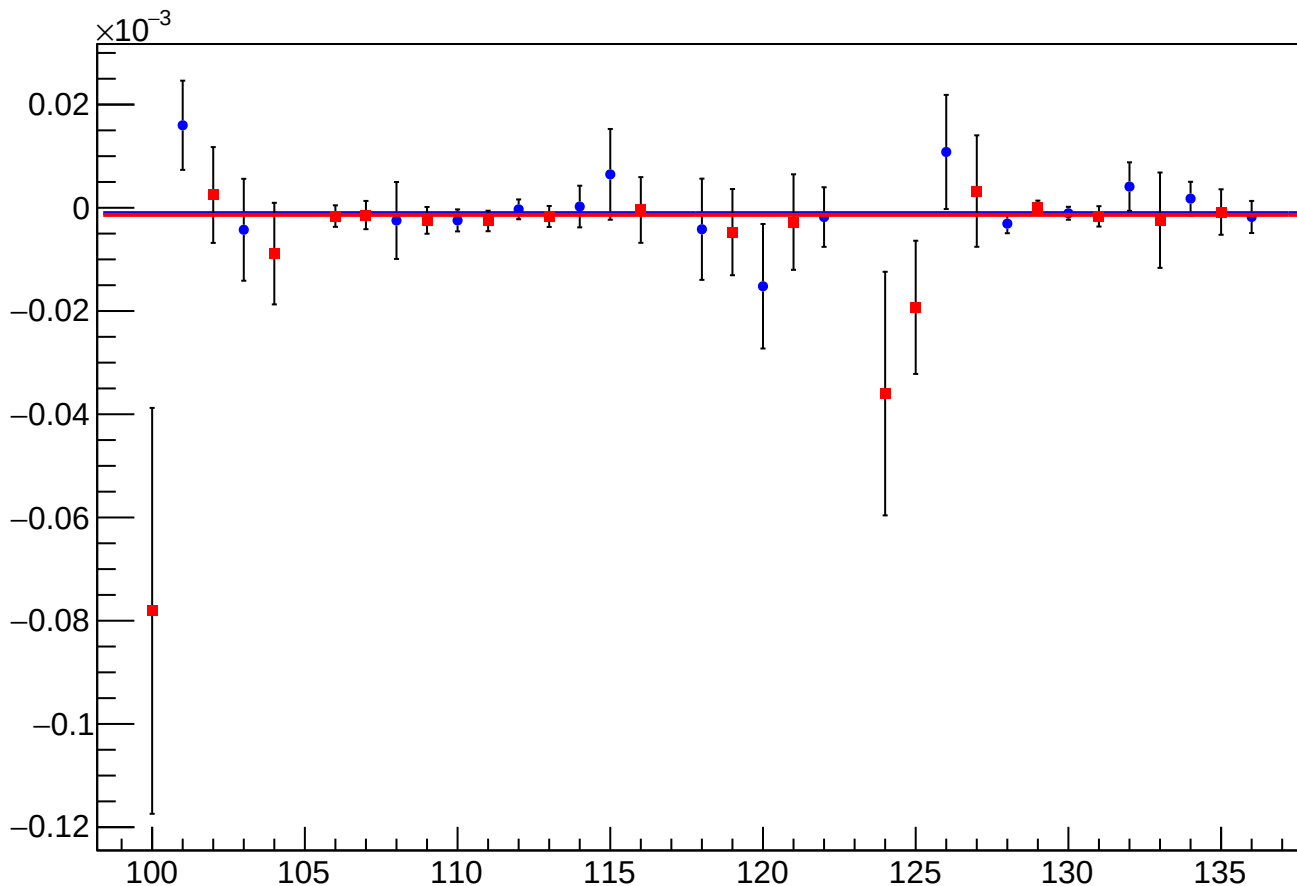
Right: 60.301+/-0.013 χ^2/NDF : 2662023.0/33

In: 59.867+/-0.017 χ^2/NDF : 698954.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.301+/-0.013 χ^2/NDF : 2662023.0/33

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: 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

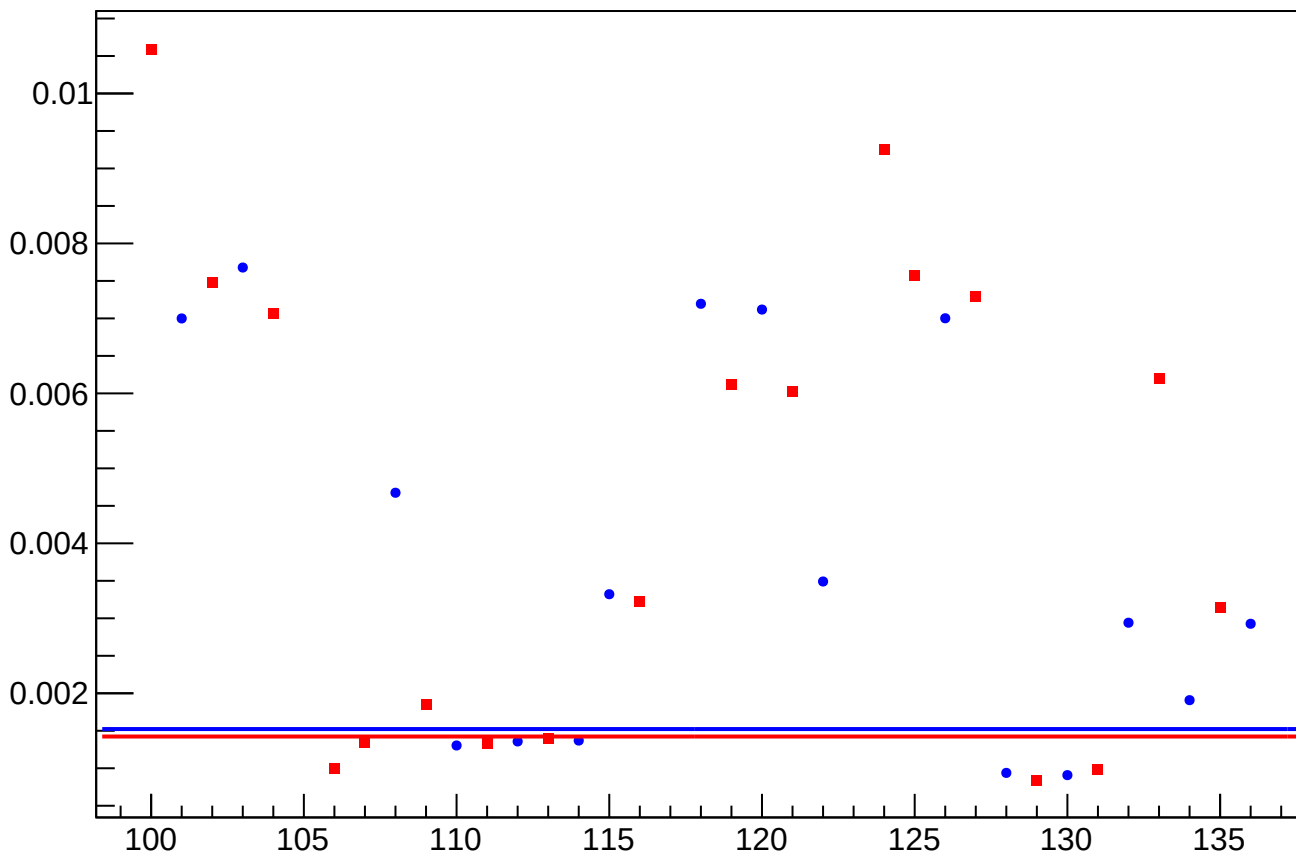
Right: -0.000+/-0.000 χ^2 /NDF: 22.3/33

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: 22.3/33

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 : 5675947.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

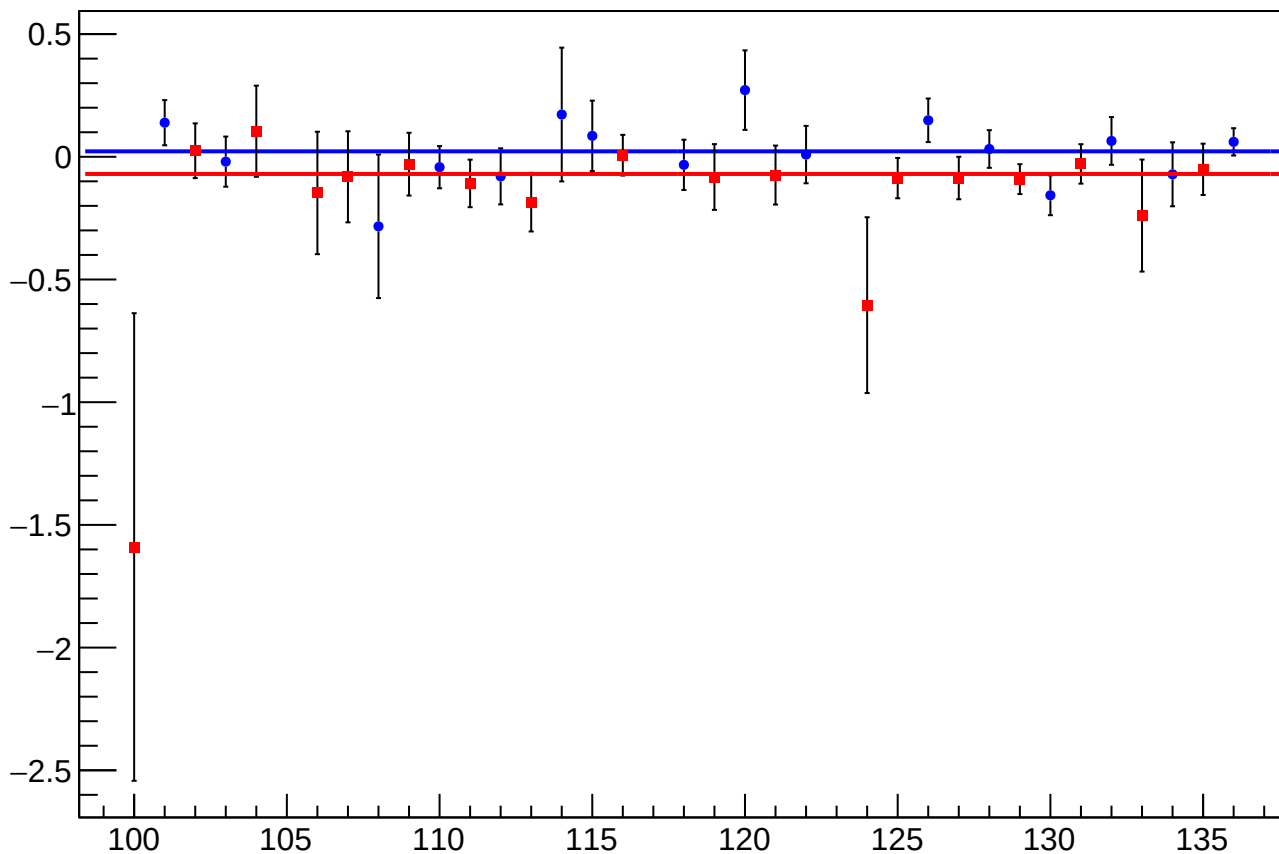
Right: 0.001+/-0.000 χ^2/NDF : 10877895.6/33

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 : 10877895.6/33

asym_sam3_eigen_dit_vs_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: -0.070+/-0.026 χ^2/NDF : 9.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

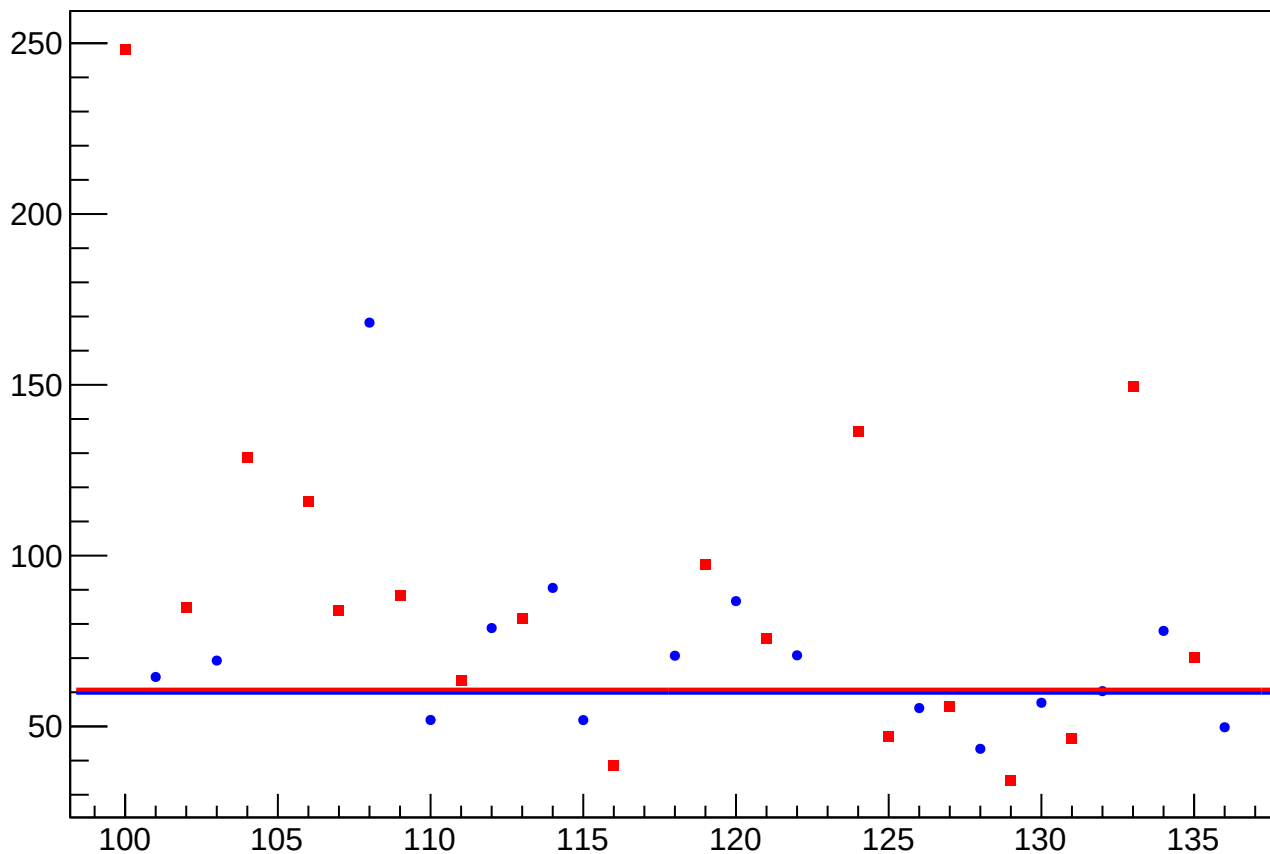
Right: -0.022+/-0.018 χ^2/NDF : 31.7/33

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 : 31.7/33

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: 60.781+/-0.018 χ^2/NDF : 1961830.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

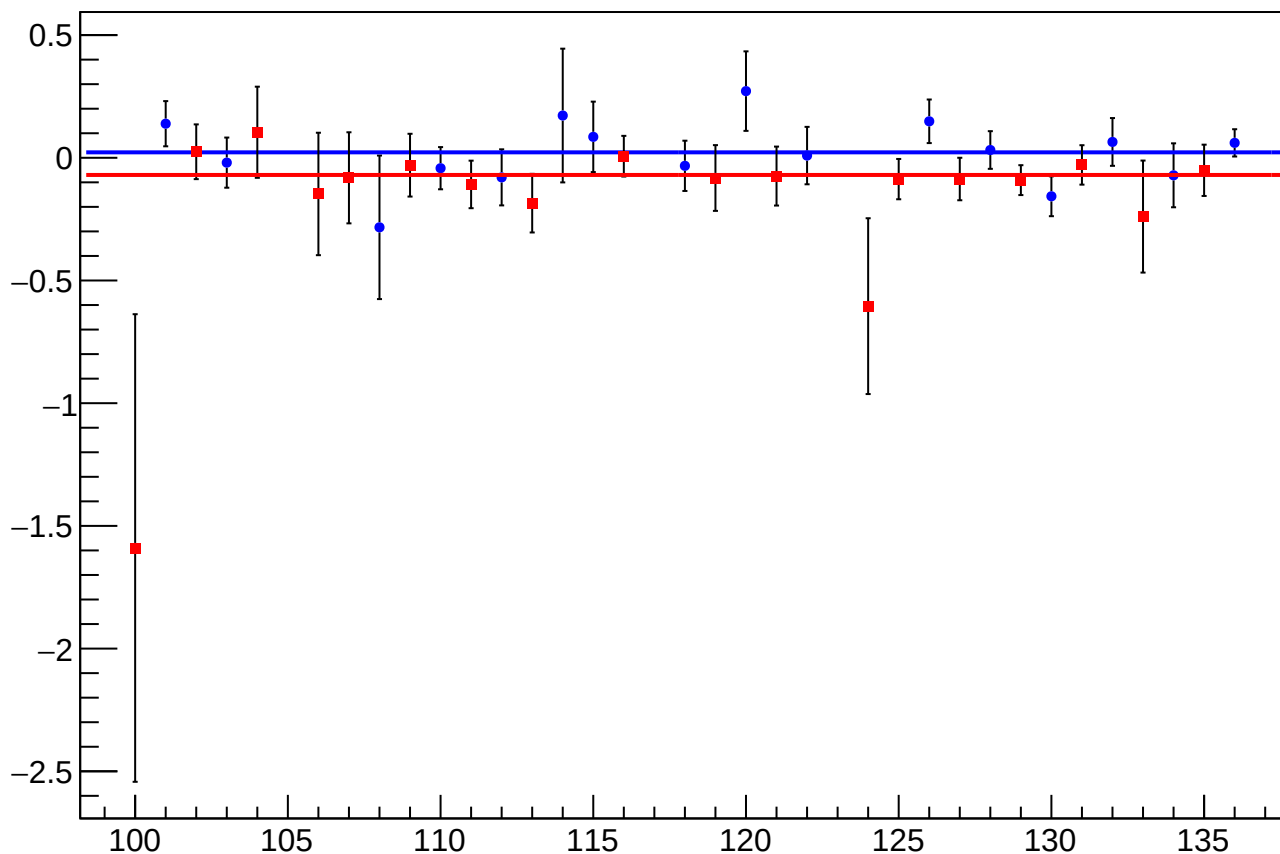
Right: 60.302+/-0.013 χ^2/NDF : 2662140.0/33

In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.302+/-0.013 χ^2/NDF : 2662140.0/33

asym_sam3_eigen_dit_vs_eigen_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: -0.070 $\pm$ 0.026 χ^2 /NDF: 9.6/17

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

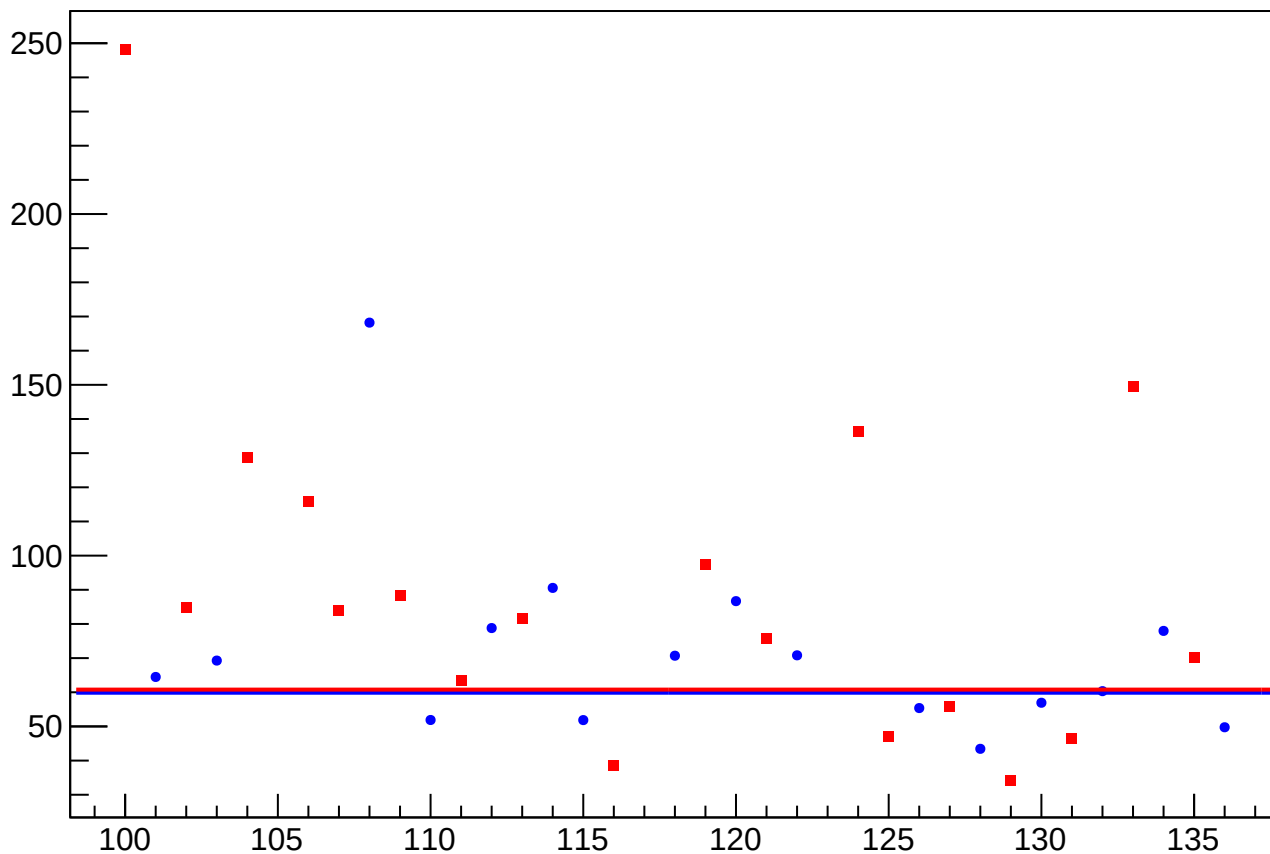
Right: -0.022 $\pm$ 0.018 χ^2 /NDF: 31.7/33

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: 31.7/33

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: 60.781+/-0.018 χ^2/NDF : 1961830.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

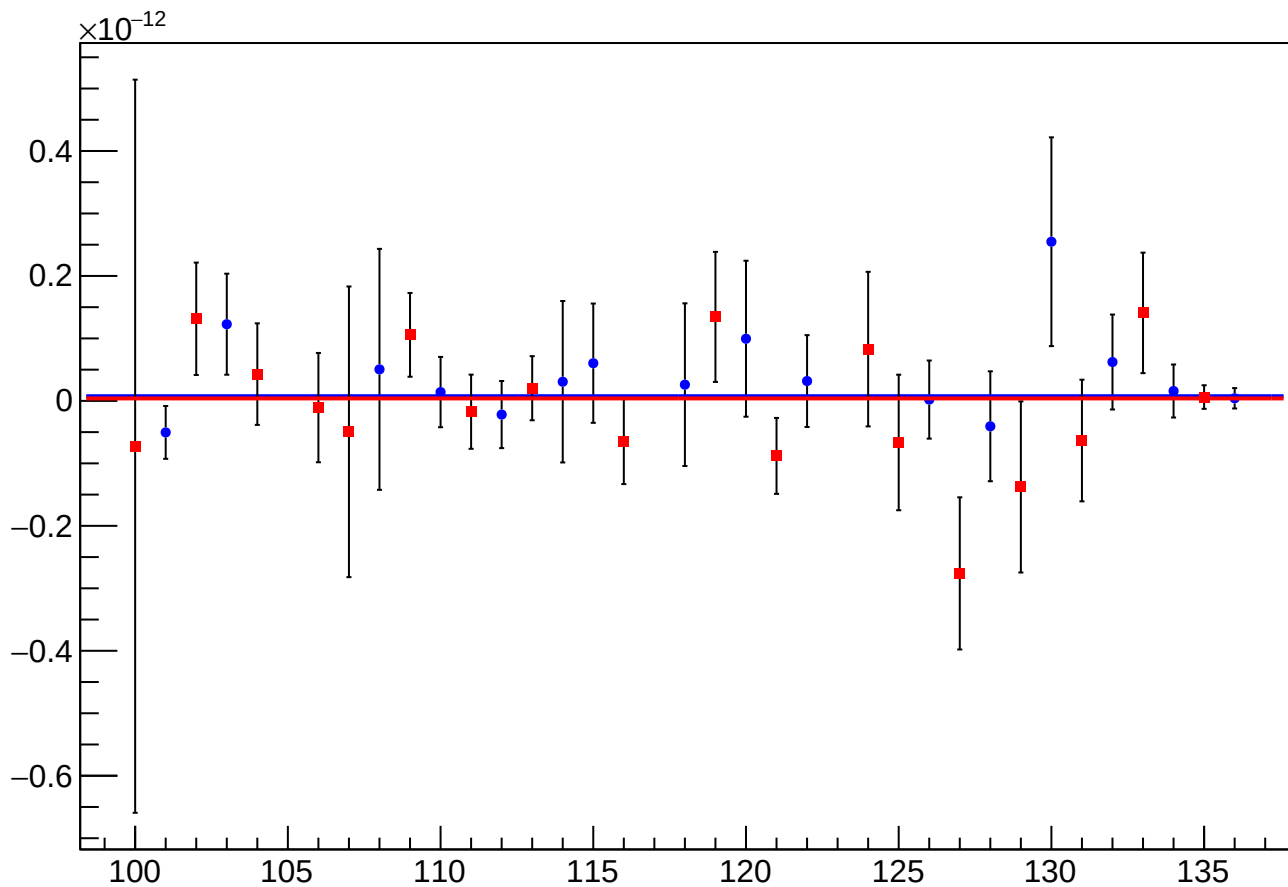
Right: 60.302+/-0.013 χ^2/NDF : 2662140.0/33

In: 59.868+/-0.017 χ^2/NDF : 699008.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.302+/-0.013 χ^2/NDF : 2662140.0/33

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 : 19.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

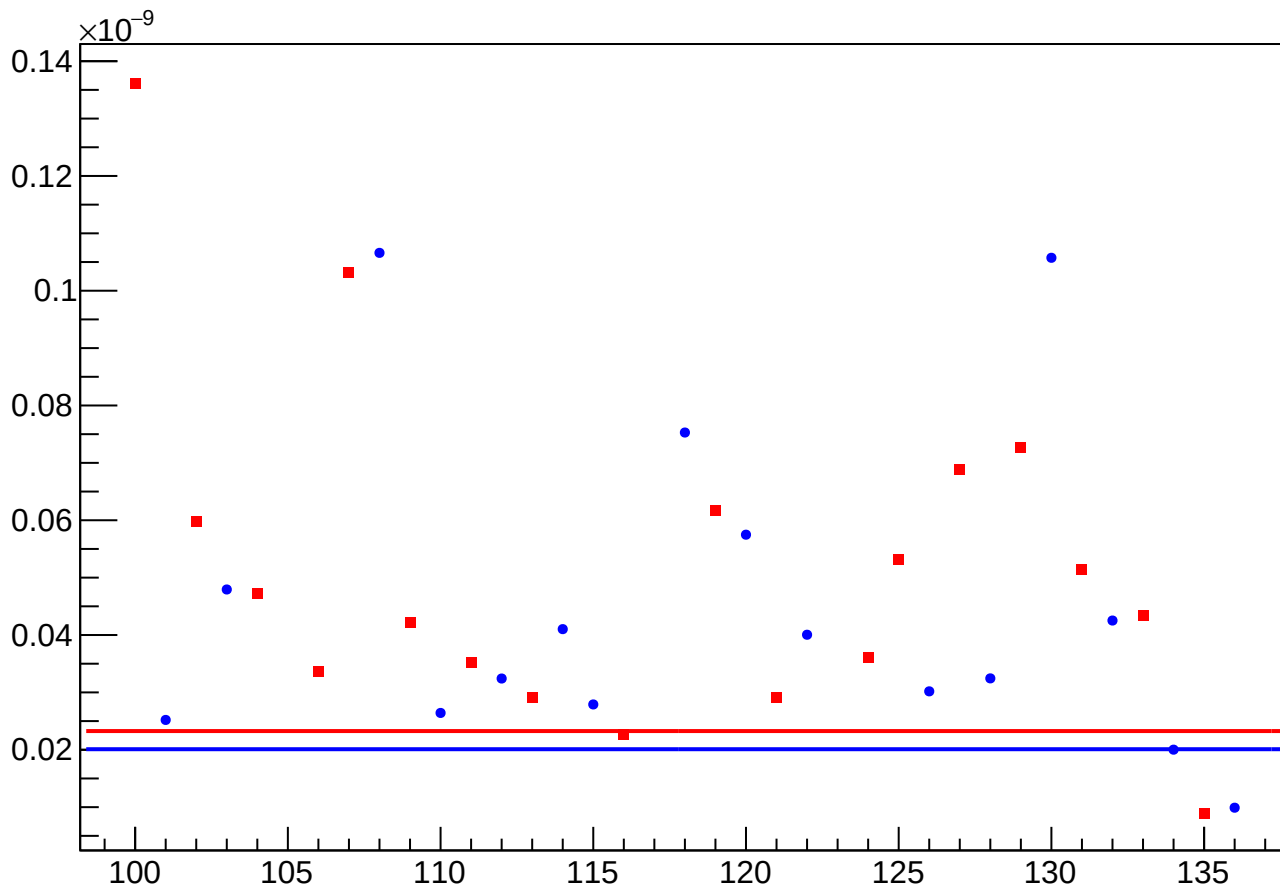
Right: 0.000+/-0.000 χ^2/NDF : 27.9/33

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 : 27.9/33

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 : 3529312.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

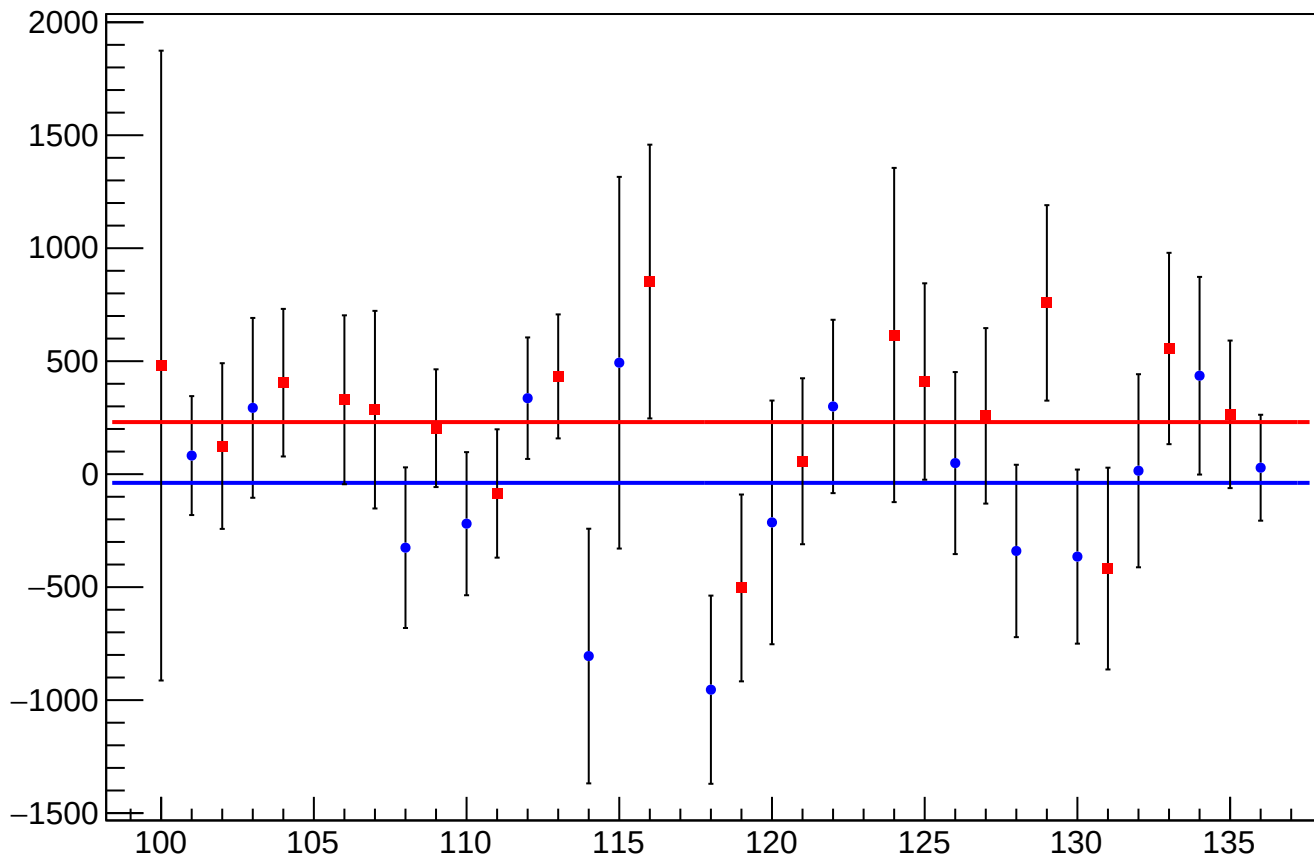
Right: 0.000+/-0.000 χ^2/NDF : 6709500.1/33

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 : 6709500.1/33

reg_asym_sam4_mean vs Slug, Sign Corrected



Right In: -38.498+/-90.619 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.477+/-89.375 χ^2/NDF : 11.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

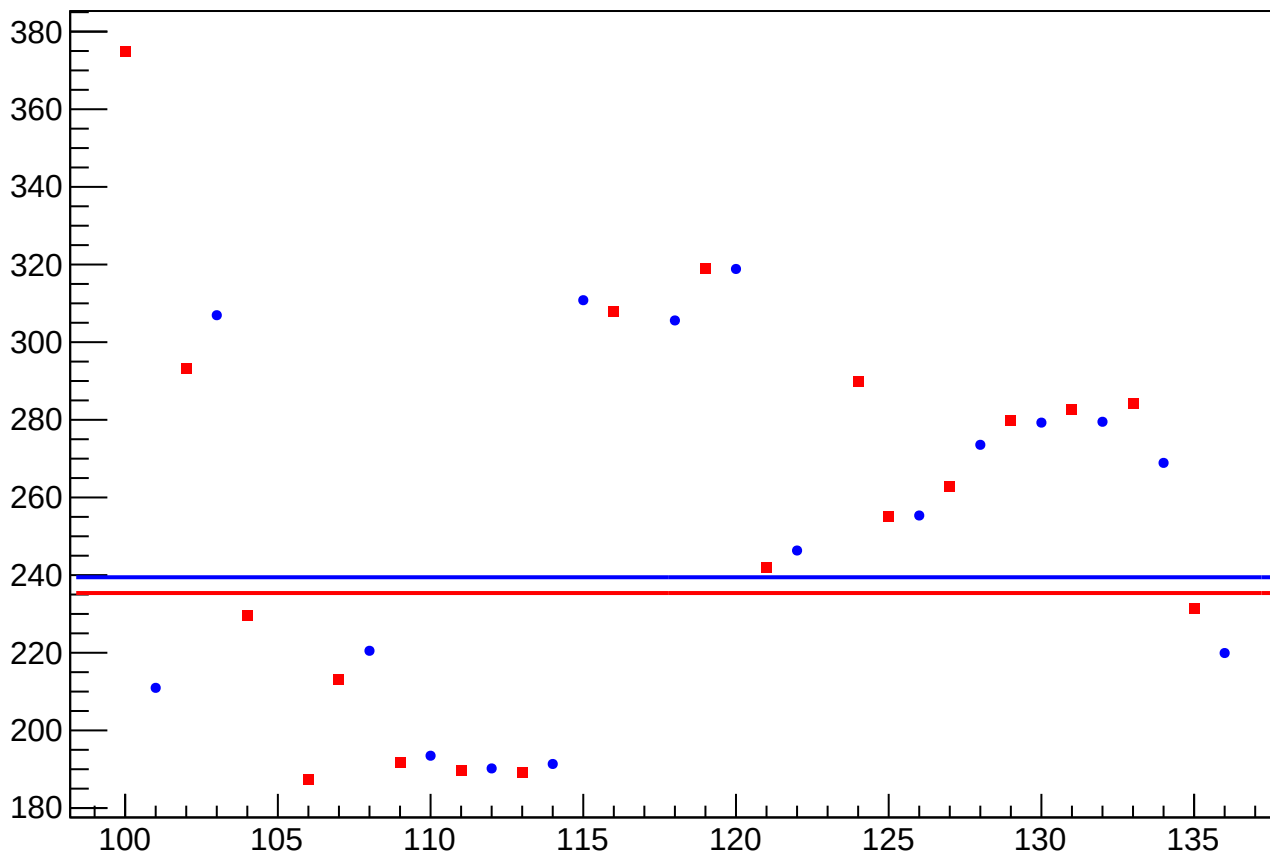
Right: 97.848+/-63.633 χ^2/NDF : 30.3/33

In: -38.498+/-90.619 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.848+/-63.633 χ^2/NDF : 30.3/33

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: 235.383+/-0.063 χ^2/NDF : 479568.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

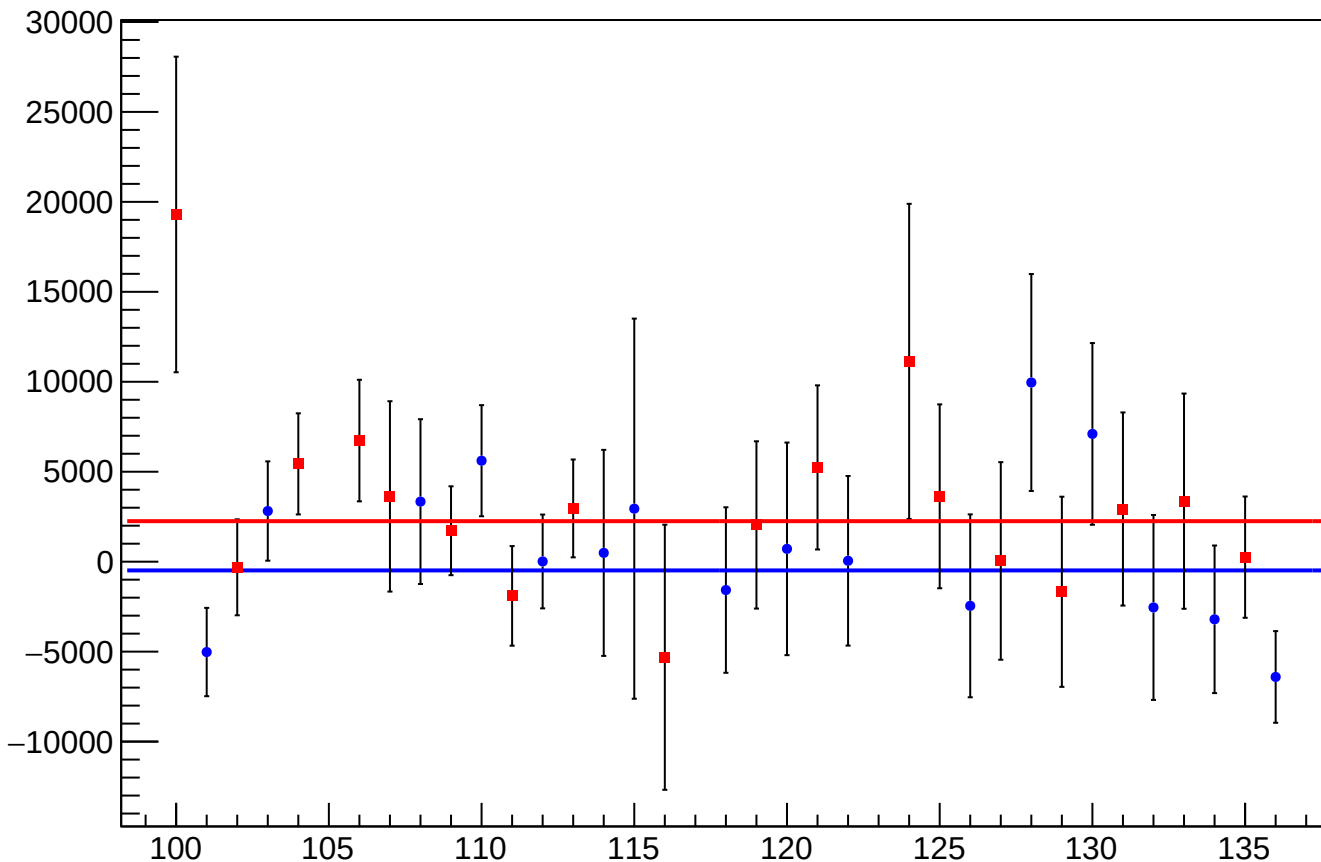
Right: 237.388+/-0.045 χ^2/NDF : 882564.9/33

In: 239.449+/-0.064 χ^2/NDF : 400955.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.388+/-0.045 χ^2/NDF : 882564.9/33

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: 2252.424+/-906.532 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

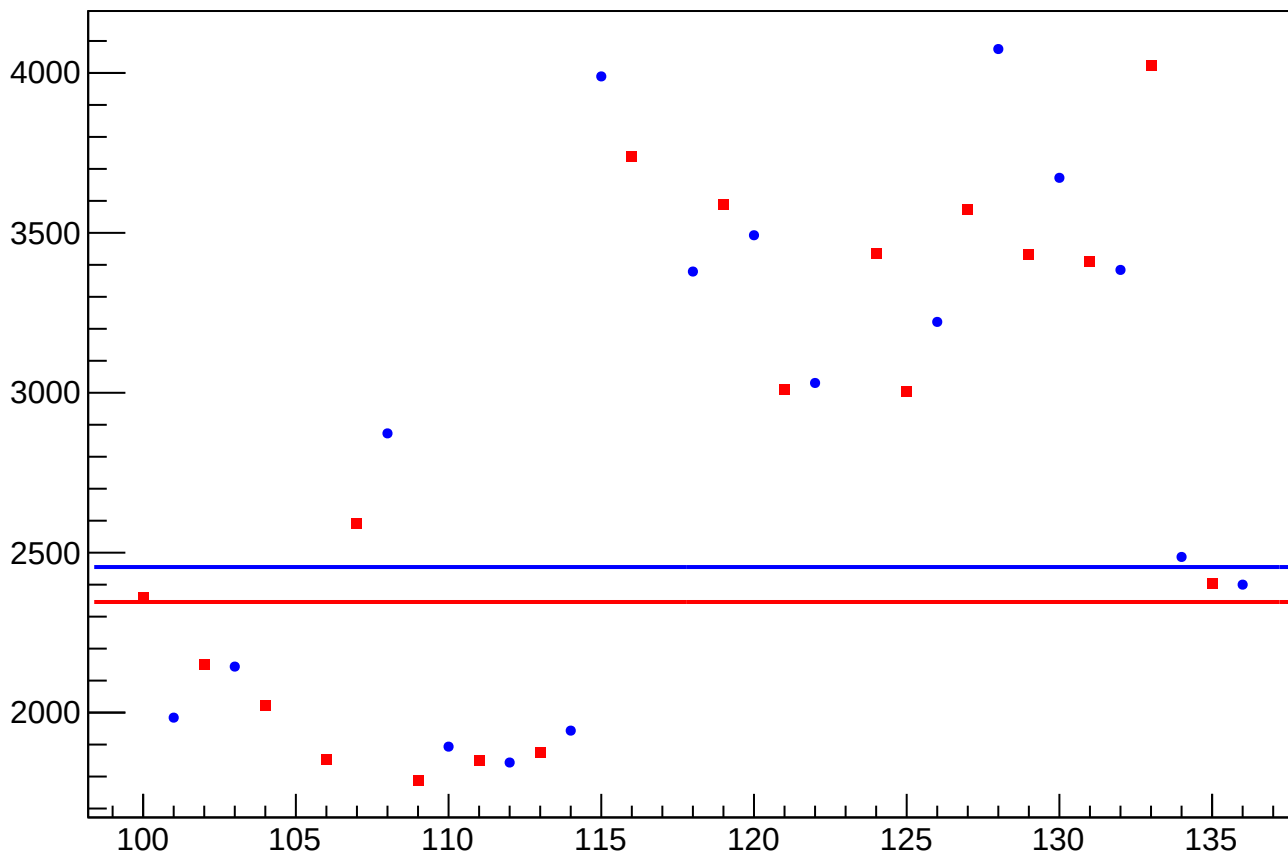
Right: 943.666+/-655.006 χ^2/NDF : 39.4/33

In: -485.932+/-947.459 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 943.666+/-655.006 χ^2/NDF : 39.4/33

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: 2345.799+/-0.641 χ^2/NDF : 1051791.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

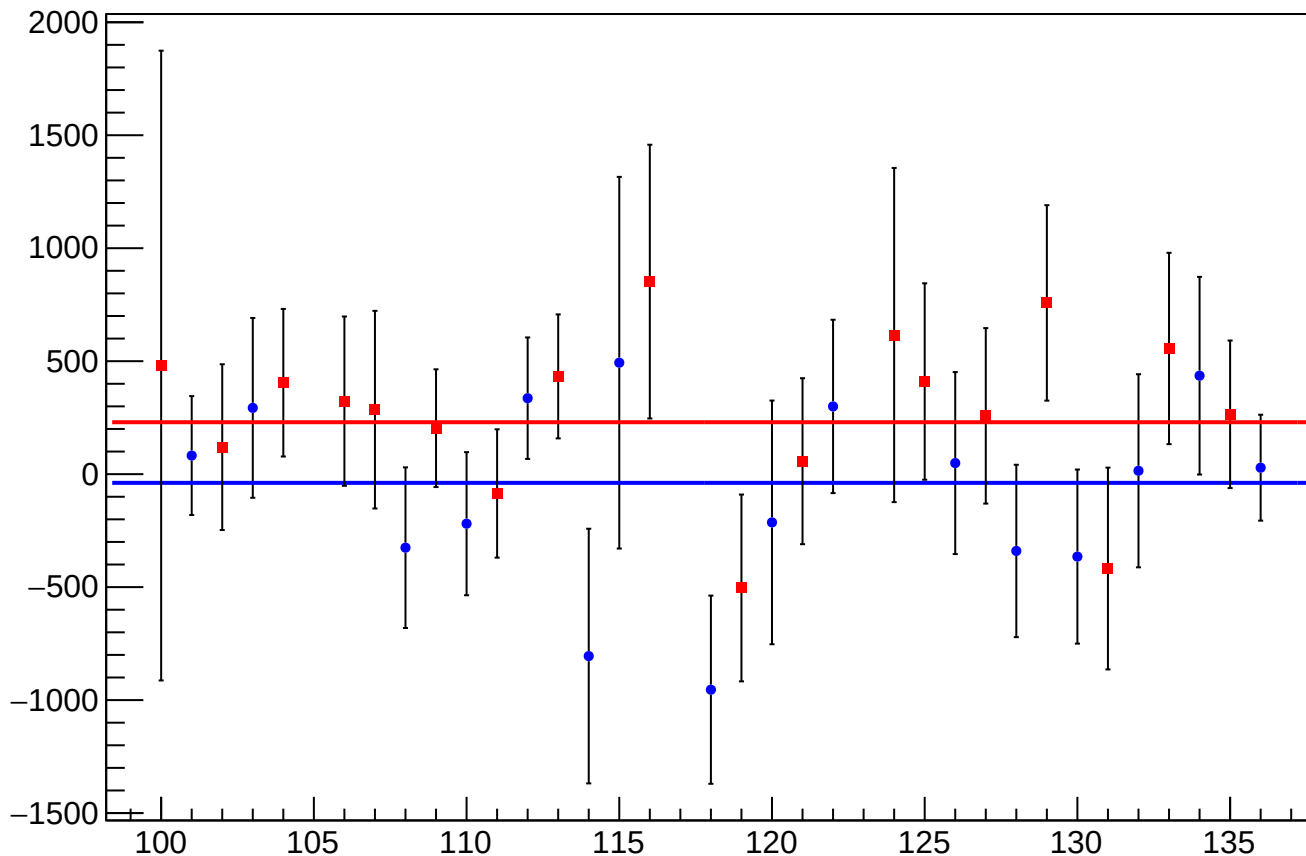
Right: 2398.039+/-0.463 χ^2/NDF : 1960078.0/33

In: 2455.103+/-0.670 χ^2/NDF : 894389.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2398.039+/-0.463 χ^2/NDF : 1960078.0/33

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: 229.804+/-89.390 χ^2/NDF : 11.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

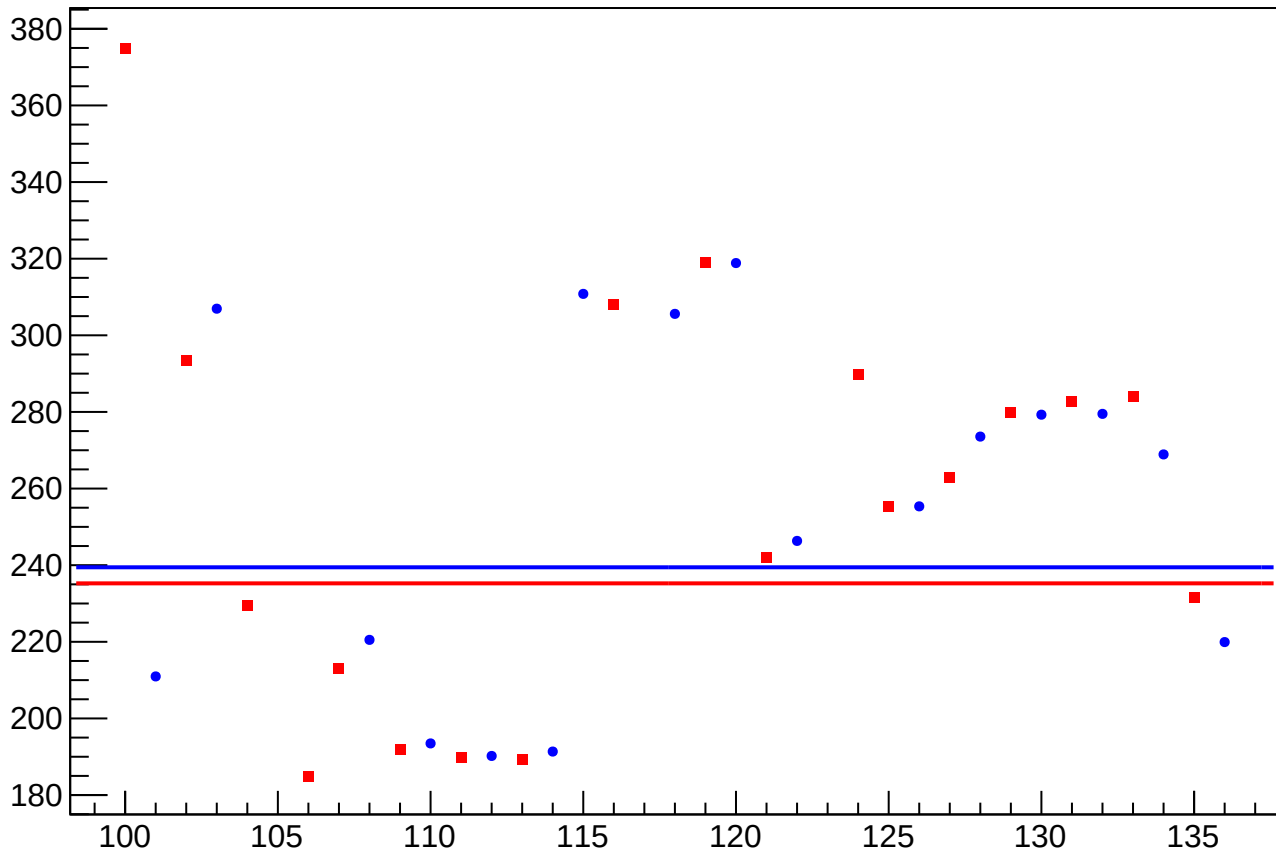
Right: 97.475+/-63.638 χ^2/NDF : 30.3/33

In: -38.519+/-90.619 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.475+/-63.638 χ^2/NDF : 30.3/33

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: 235.257+/-0.063 χ^2/NDF : 483124.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

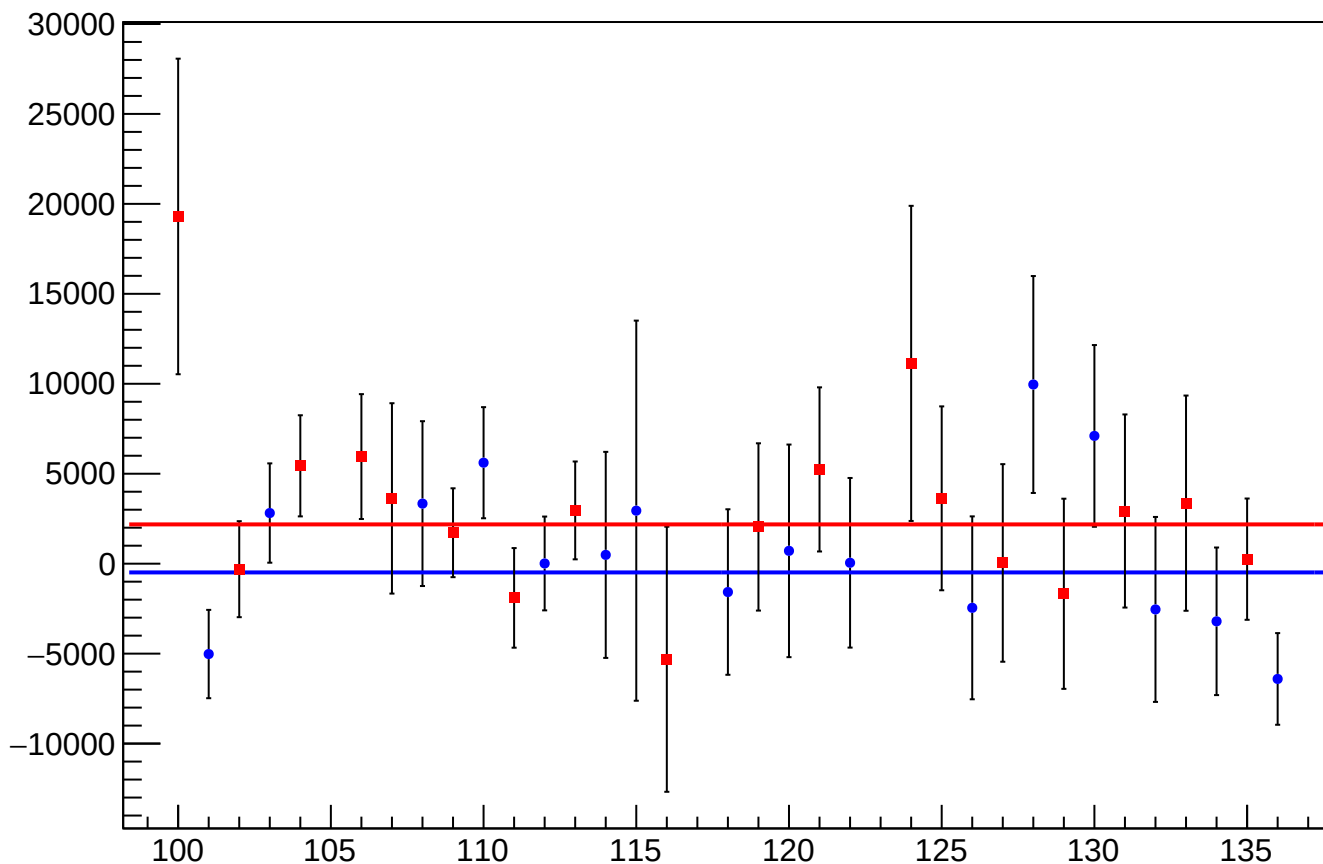
Right: 237.325+/-0.045 χ^2/NDF : 886251.2/33

In: 239.449+/-0.064 χ^2/NDF :400958.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 237.325+/-0.045 χ^2/NDF : 886251.2/33

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: 2183.492+/-908.294 χ^2/NDF : 13.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

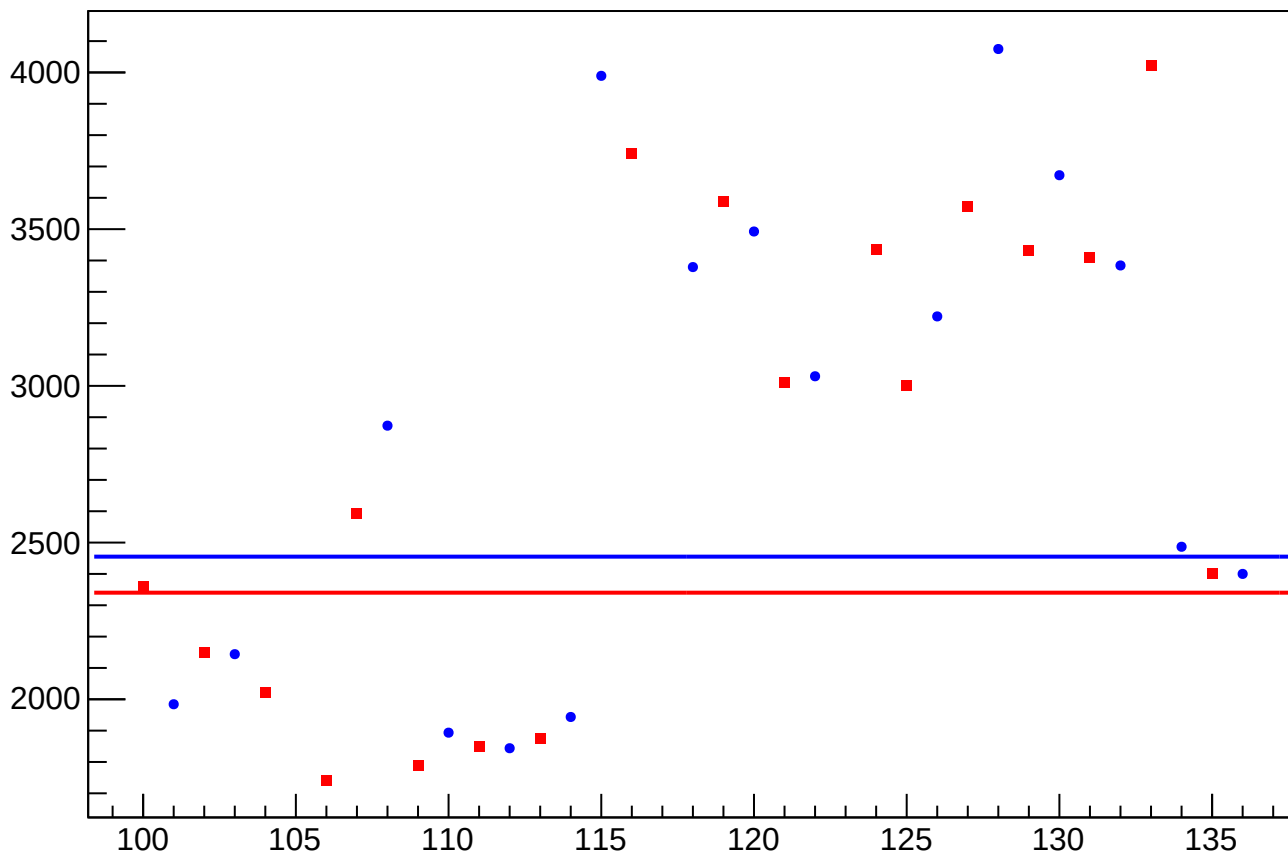
Right: 905.021+/-655.672 χ^2/NDF : 38.5/33

In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.021+/-655.672 χ^2/NDF : 38.5/33

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: 2340.144+/-0.642 χ^2/NDF : 1069682.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

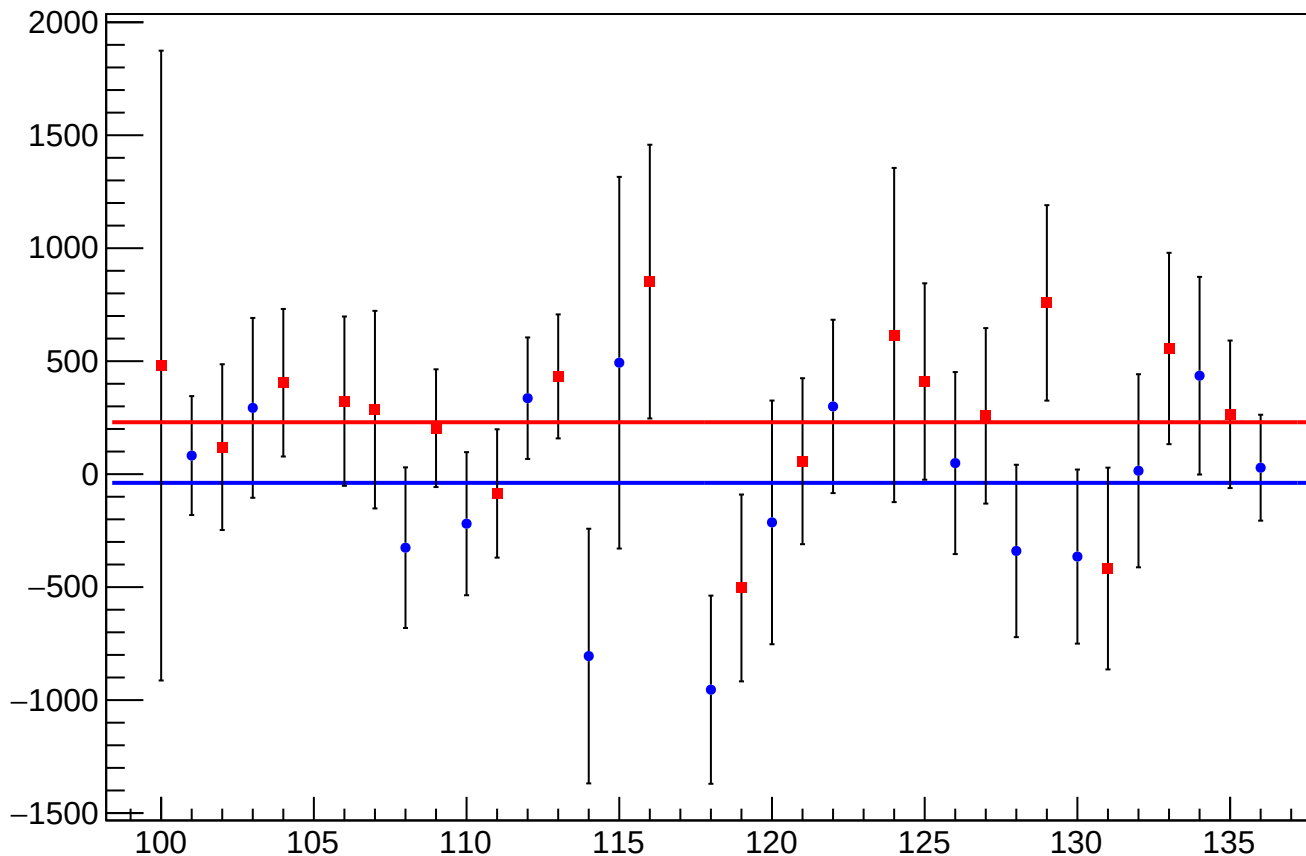
Right: 2395.210+/-0.464 χ^2/NDF : 1979390.7/33

In: 2455.127+/-0.670 χ^2/NDF : 894358.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2395.210+/-0.464 χ^2/NDF : 1979390.7/33

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: 229.804 ± 89.390 χ^2/NDF : 11.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

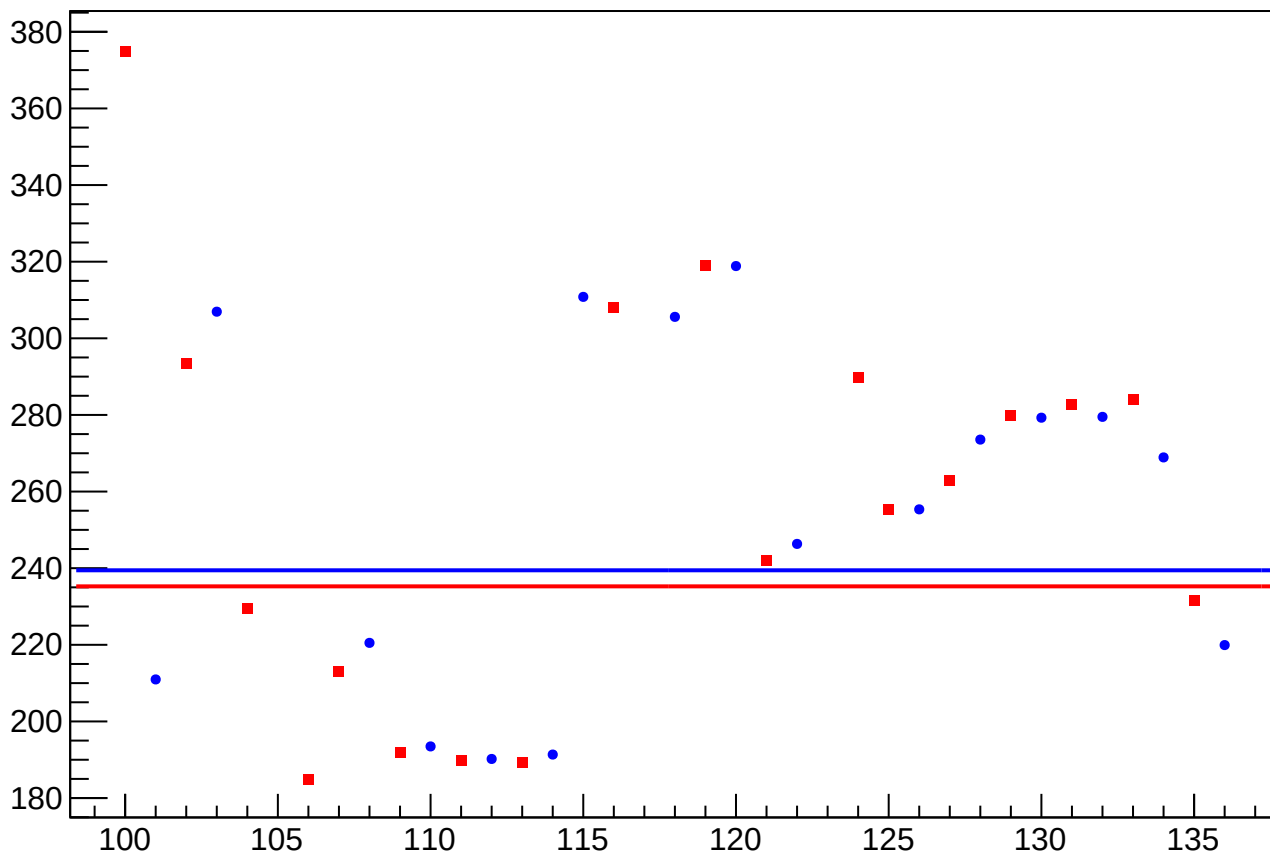
Right: 97.475 ± 63.638 χ^2/NDF : 30.3/33

In: -38.519 ± 90.619 χ^2/NDF : 14.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 97.475 ± 63.638 χ^2/NDF : 30.3/33

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: 235.257+/-0.063 χ^2/NDF : 483124.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

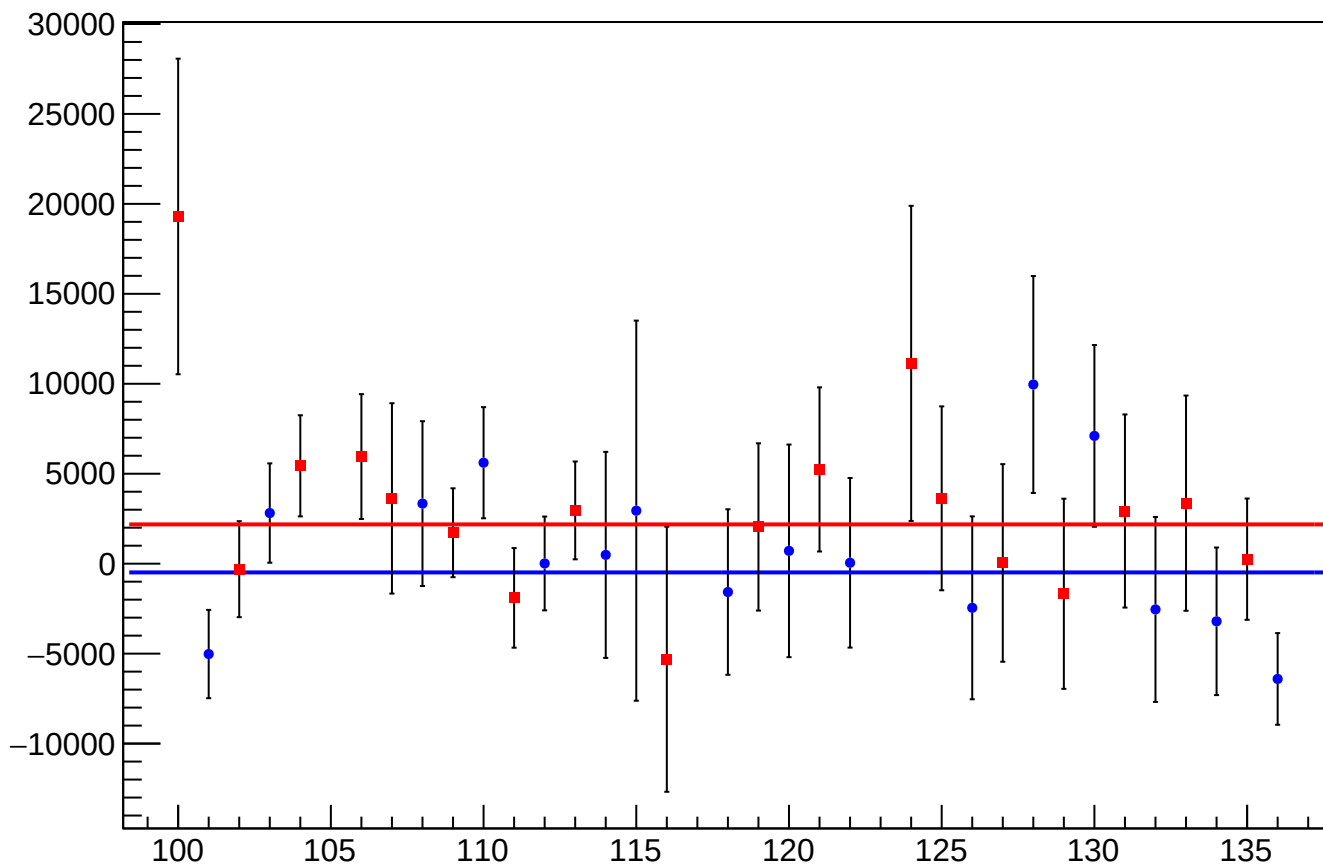
Right: 237.325+/-0.045 χ^2/NDF : 886251.2/33

In: 239.449+/-0.064 χ^2/NDF : 400958.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 237.325+/-0.045 χ^2/NDF : 886251.2/33

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: 2183.492+/-908.294 χ^2/NDF : 13.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

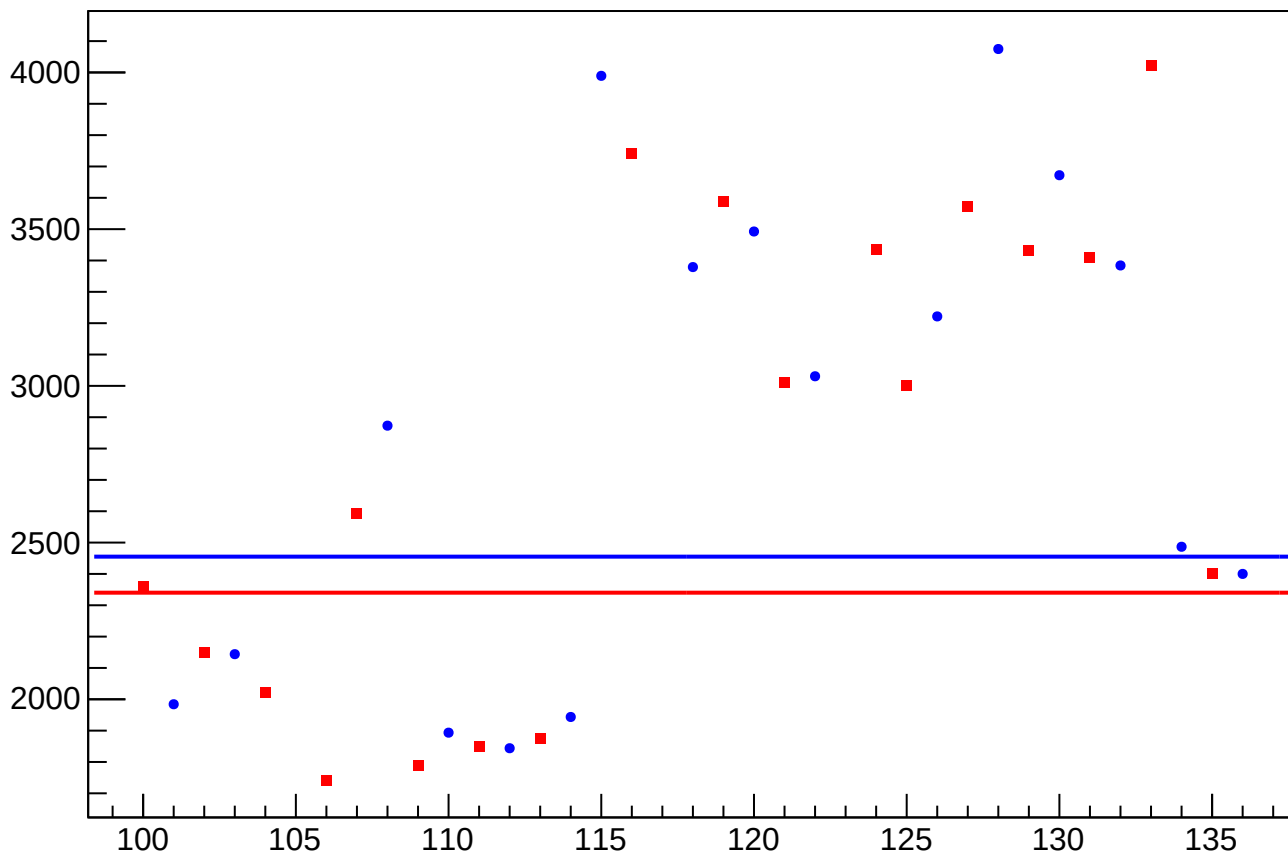
Right: 905.021+/-655.672 χ^2/NDF : 38.5/33

In: -486.103+/-947.467 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 905.021+/-655.672 χ^2/NDF : 38.5/33

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: 2340.144+/-0.642 χ^2/NDF : 1069682.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

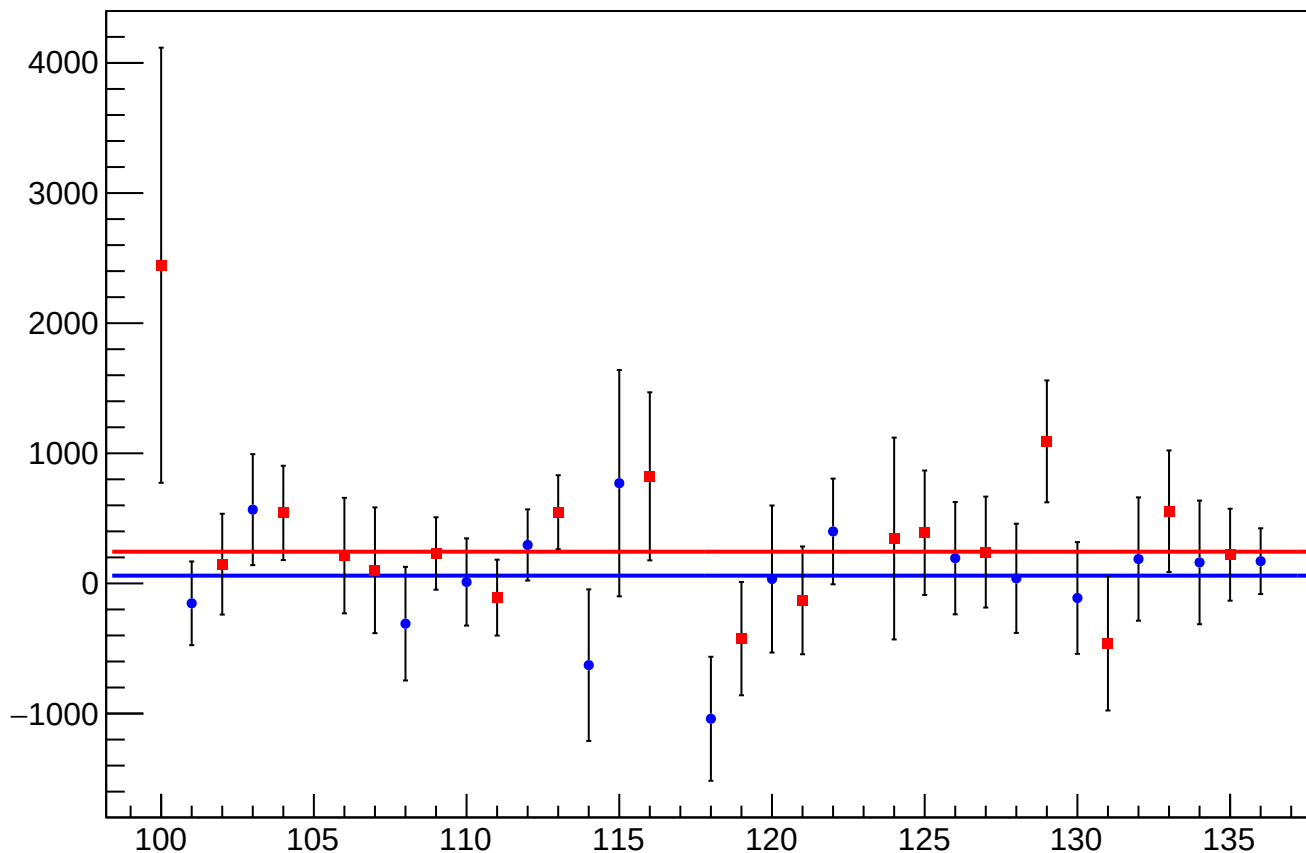
Right: 2395.210+/-0.464 χ^2/NDF : 1979390.7/33

In: 2455.127+/-0.670 χ^2/NDF :894358.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2395.210+/-0.464 χ^2/NDF : 1979390.7/33

dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 59.728 $\pm$ 99.230 χ^2 /NDF: 12.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 243.913 $\pm$ 96.668 χ^2 /NDF: 14.8/17

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

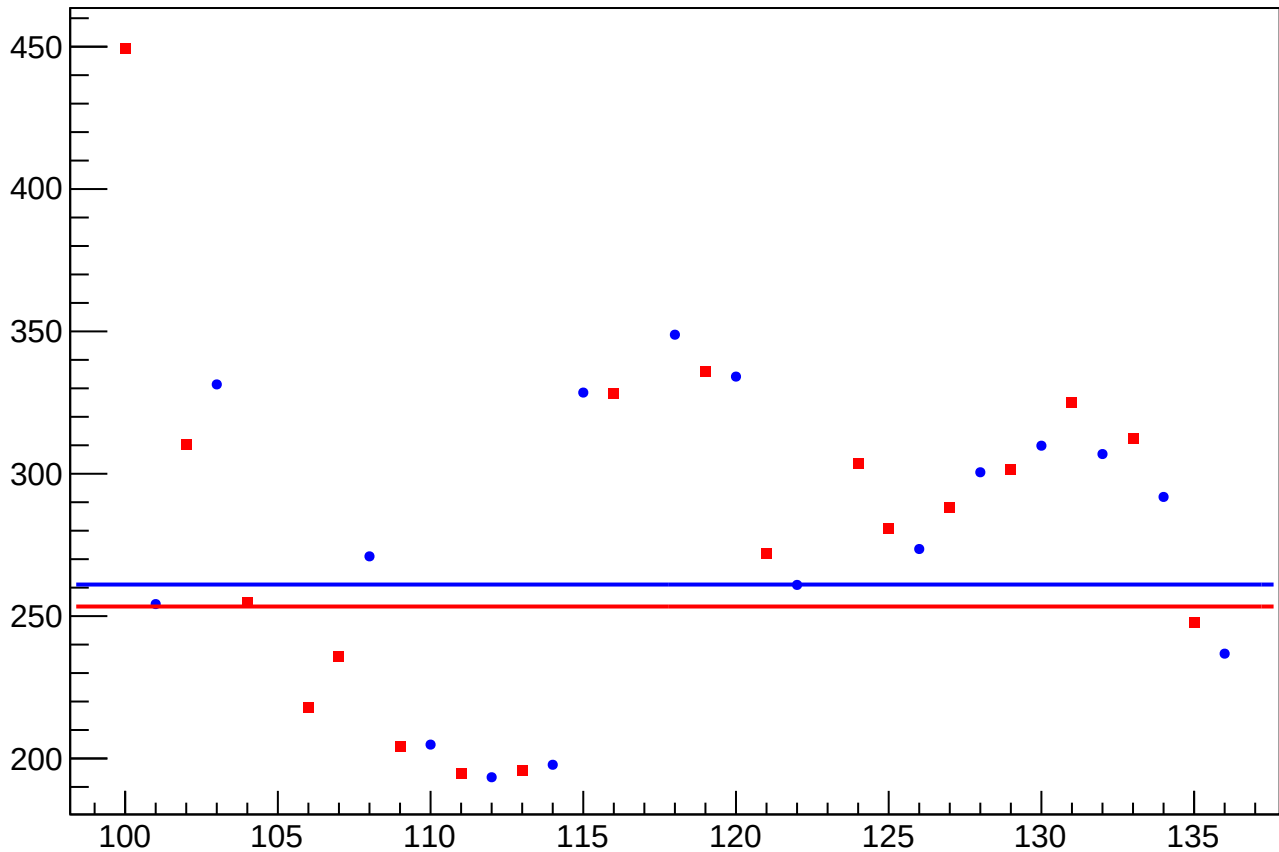
Right: 154.229 $\pm$ 69.242 χ^2 /NDF: 28.6/33

In: 59.728 $\pm$ 99.230 χ^2 /NDF:12.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.229 $\pm$ 69.242 χ^2 /NDF: 28.6/33

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: 253.372+/-0.068 χ^2/NDF : 535069.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

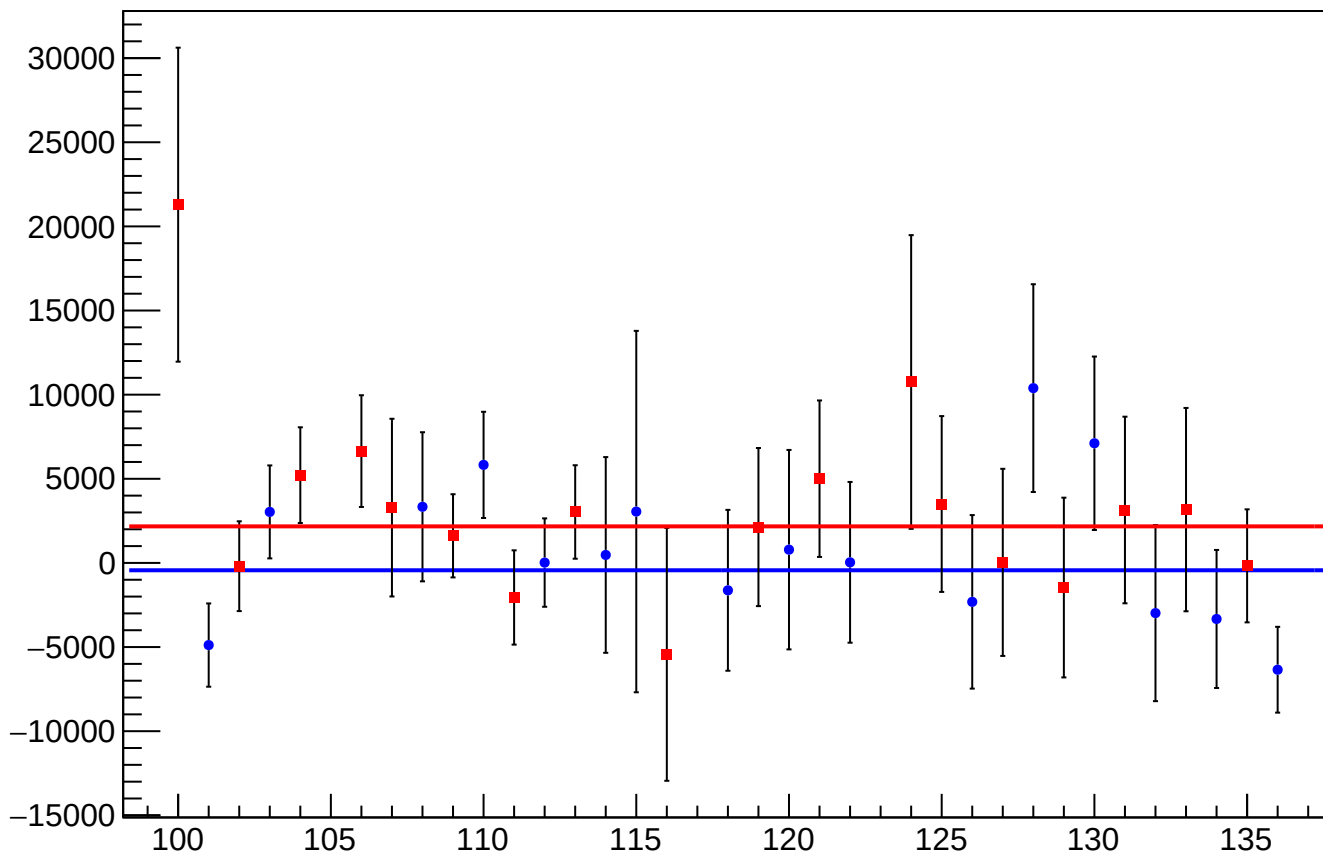
Right: 257.129+/-0.049 χ^2/NDF : 1003937.9/33

In: 261.089+/-0.070 χ^2/NDF : 462662.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.129+/-0.049 χ^2/NDF : 1003937.9/33

asym_sam4_dit_correction_mean vs Slug, Sign Corrected



Right In: -436.732+/-955.134 χ^2/NDF : 21.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2172.061+/-913.766 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

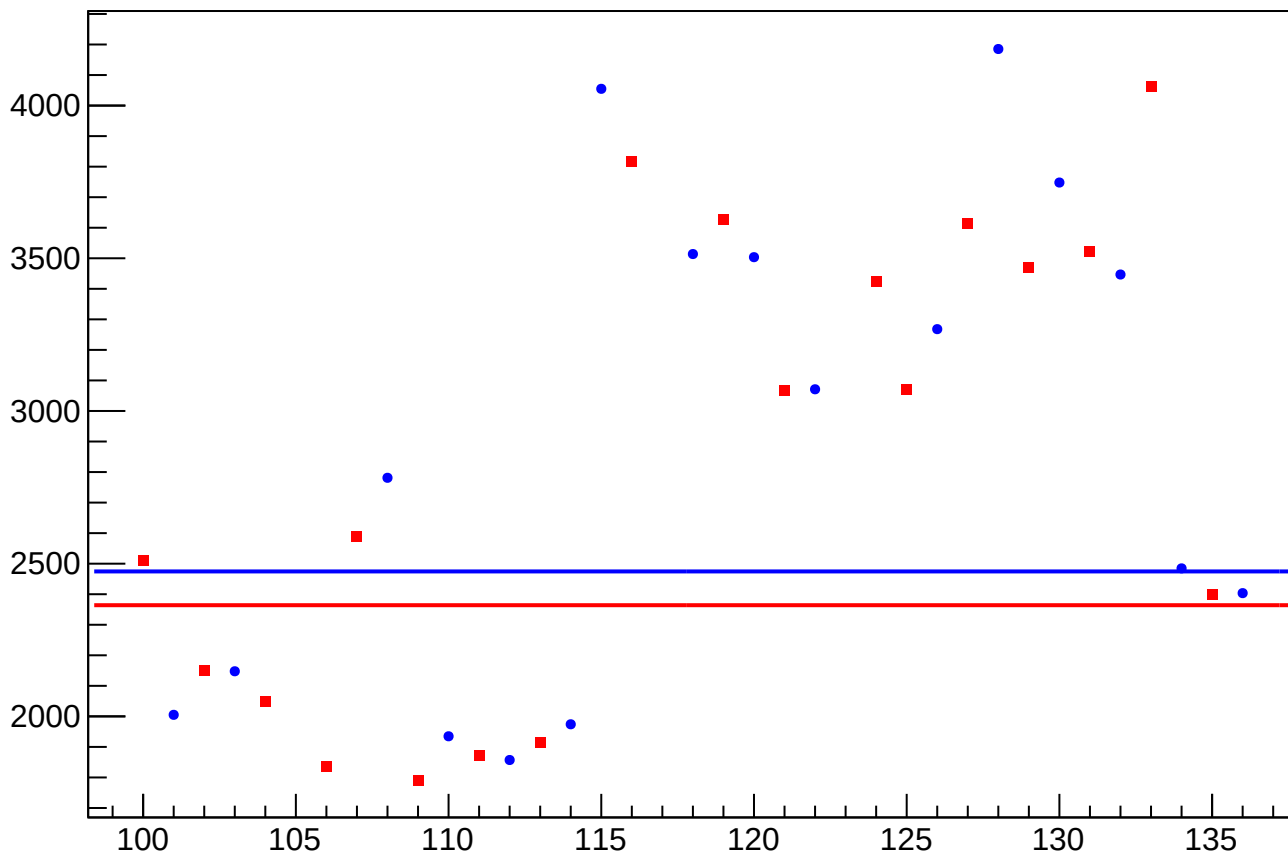
Right: 925.381+/-660.270 χ^2/NDF : 39.1/33

In: -436.732+/-955.134 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.381+/-660.270 χ^2/NDF : 39.1/33

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: 2364.040+/-0.646 χ^2/NDF : 1076761.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

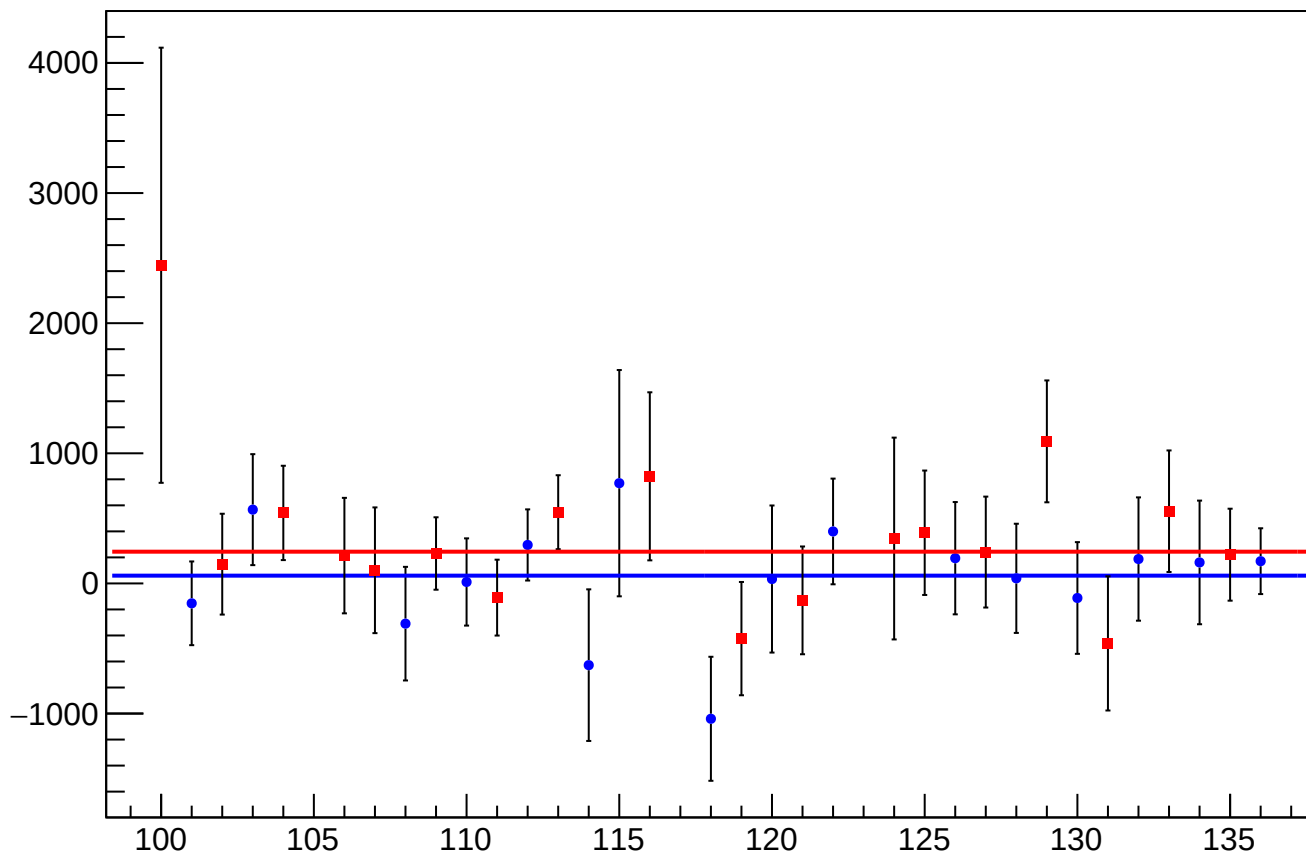
Right: 2416.884+/-0.467 χ^2/NDF : 2007009.5/33

In: 2474.622+/-0.675 χ^2/NDF : 916250.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.884+/-0.467 χ^2/NDF : 2007009.5/33

eigen_dit_asym_sam4_mean vs Slug, Sign Corrected



Right In: 59.734 $\pm$ 99.230 χ^2 /NDF: 12.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 243.912 $\pm$ 96.668 χ^2 /NDF: 14.8/17

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

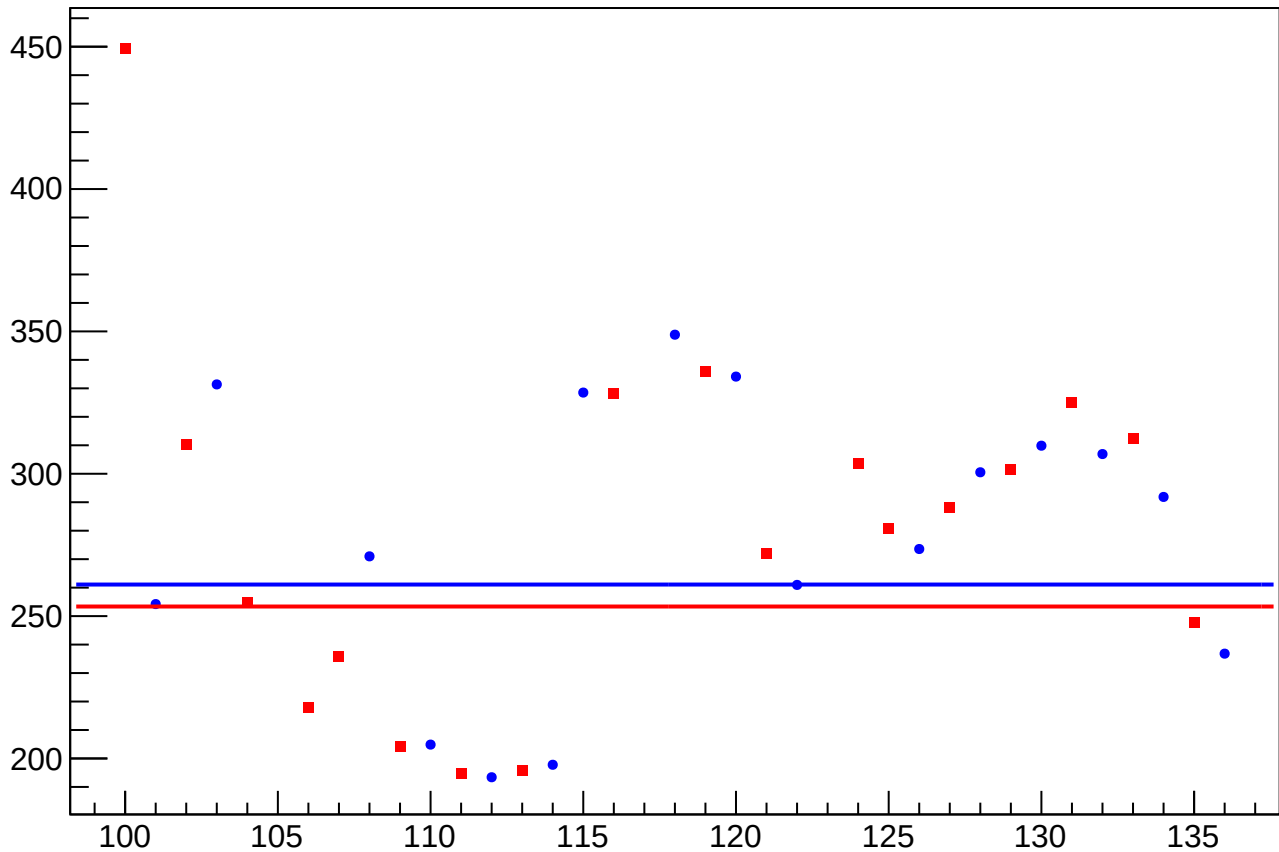
Right: 154.231 $\pm$ 69.242 χ^2 /NDF: 28.6/33

In: 59.734 $\pm$ 99.230 χ^2 /NDF:12.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 154.231 $\pm$ 69.242 χ^2 /NDF: 28.6/33

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: 253.372+/-0.068 χ^2/NDF : 535072.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

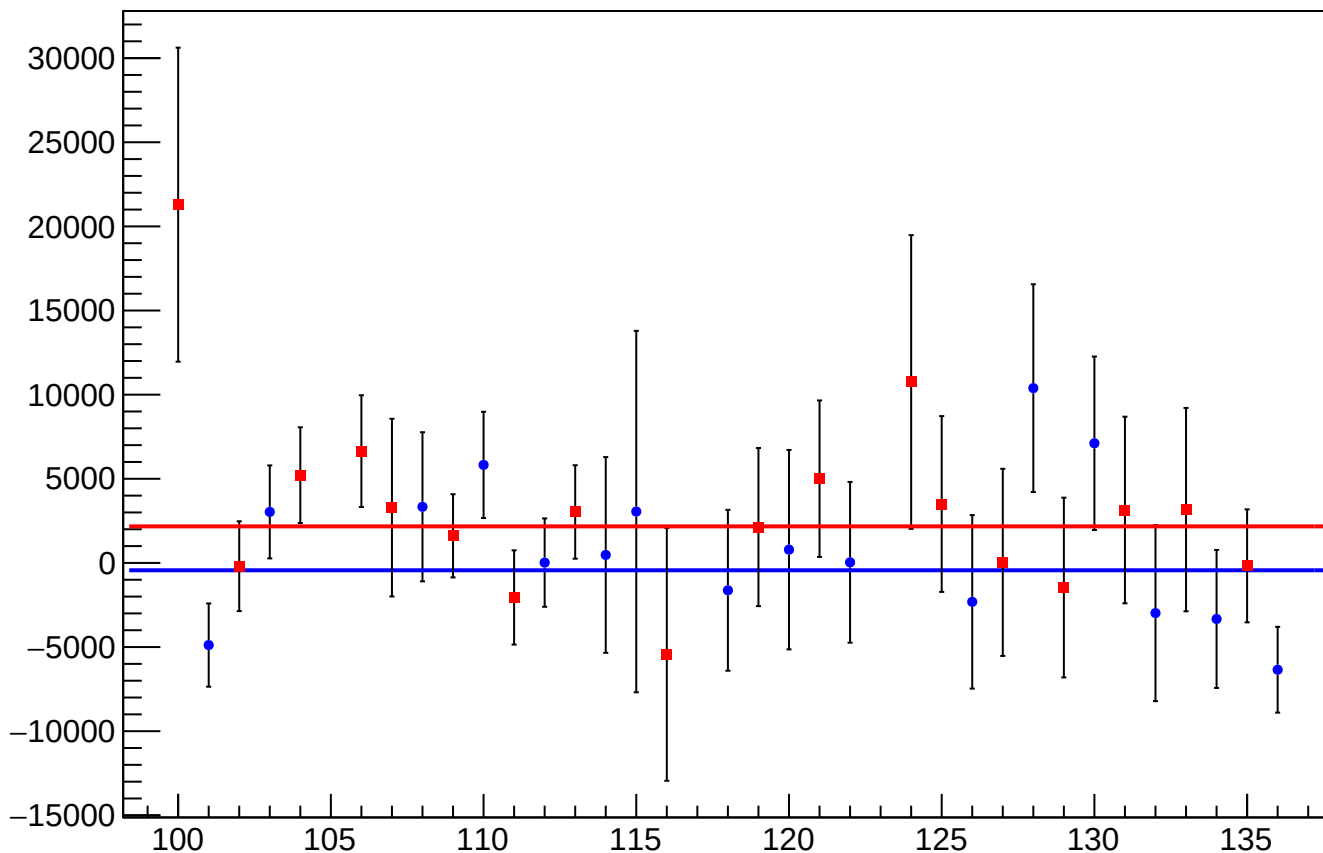
Right: 257.129+/-0.049 χ^2/NDF : 1003944.4/33

In: 261.089+/-0.070 χ^2/NDF : 462665.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 257.129+/-0.049 χ^2/NDF : 1003944.4/33

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: 2172.059+/-913.765 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

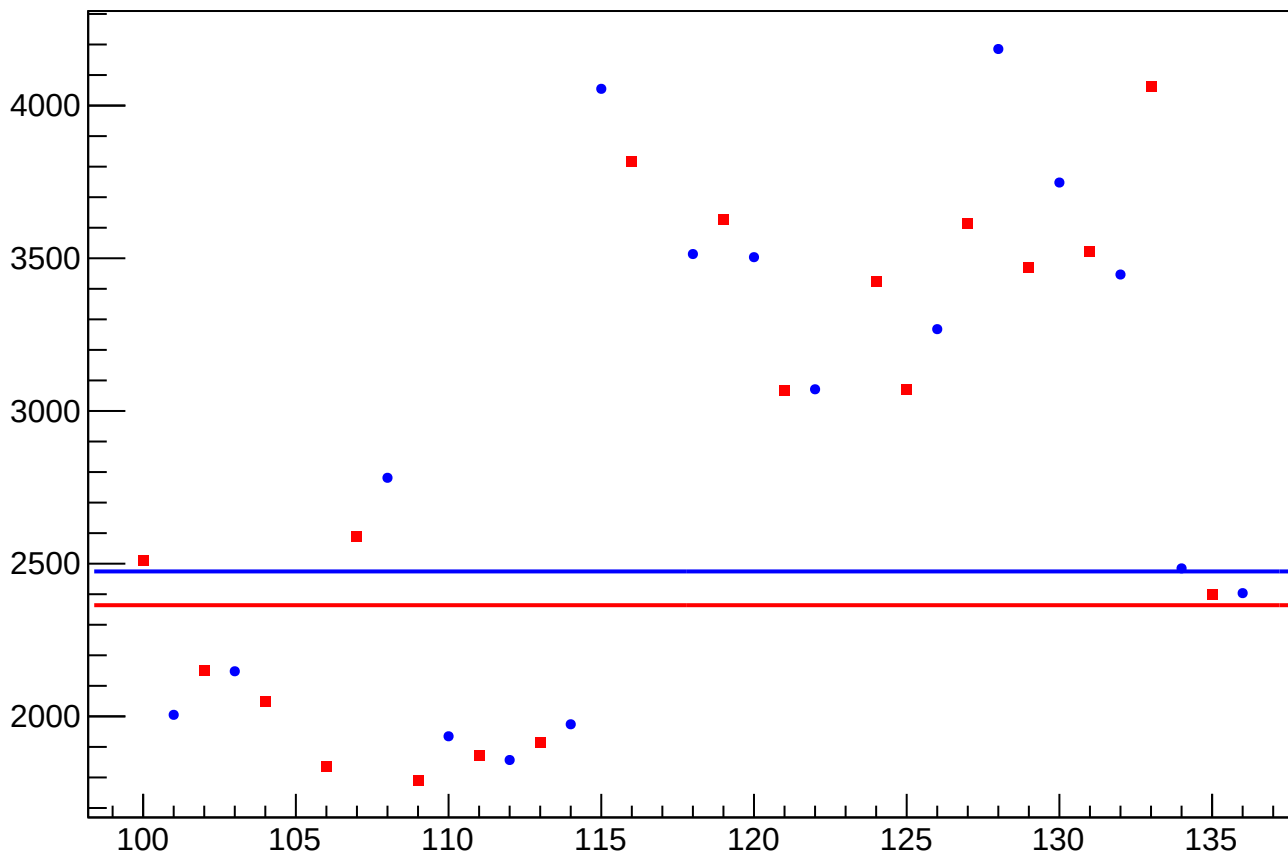
Right: 925.381+/-660.270 χ^2/NDF : 39.1/33

In: -436.731+/-955.133 χ^2/NDF : 21.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 925.381+/-660.270 χ^2/NDF : 39.1/33

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: 2364.038+/-0.646 χ^2/NDF : 1076763.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

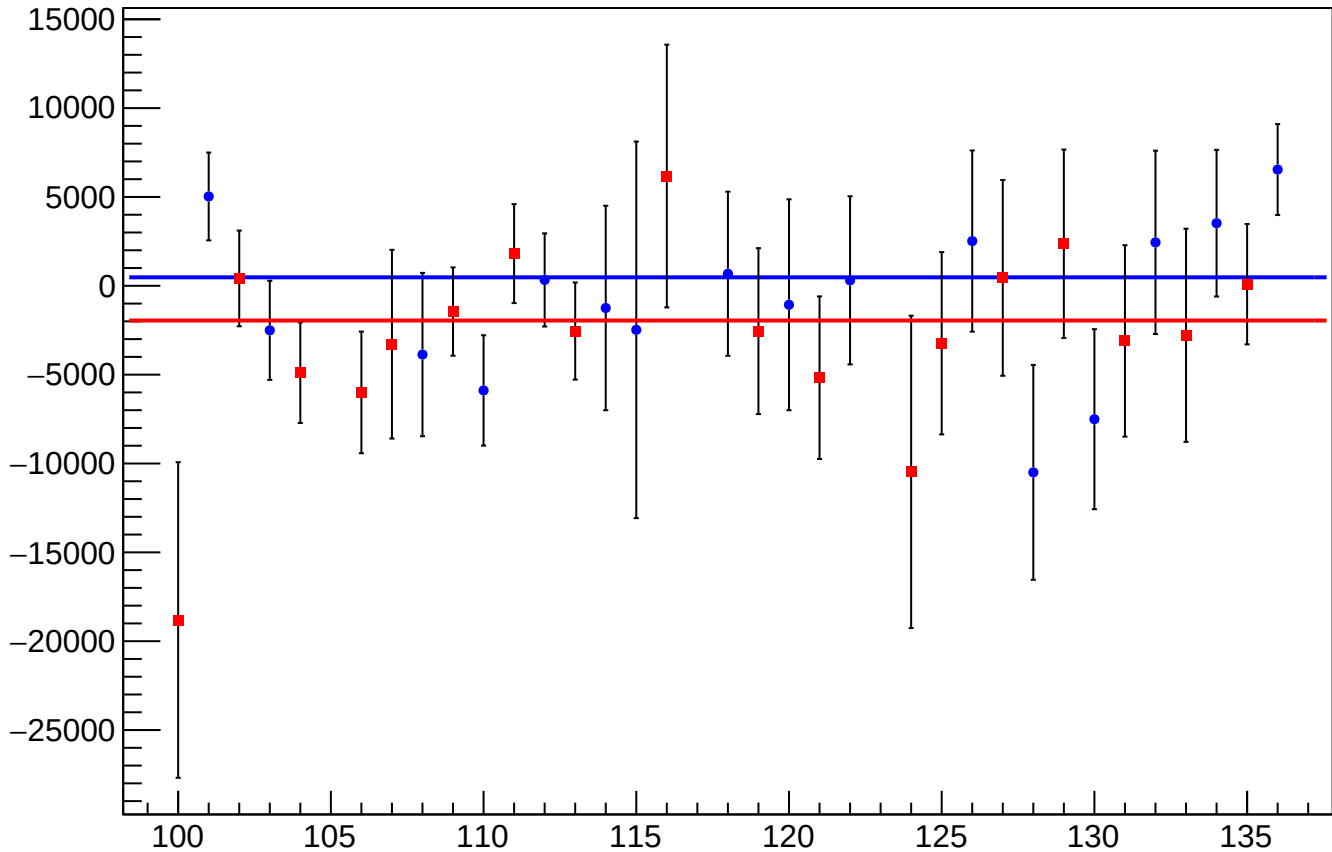
Right: 2416.883+/-0.467 χ^2/NDF : 2007015.2/33

In: 2474.620+/-0.675 χ^2/NDF : 916254.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2416.883+/-0.467 χ^2/NDF : 2007015.2/33

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: -1953.745+/-912.193 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

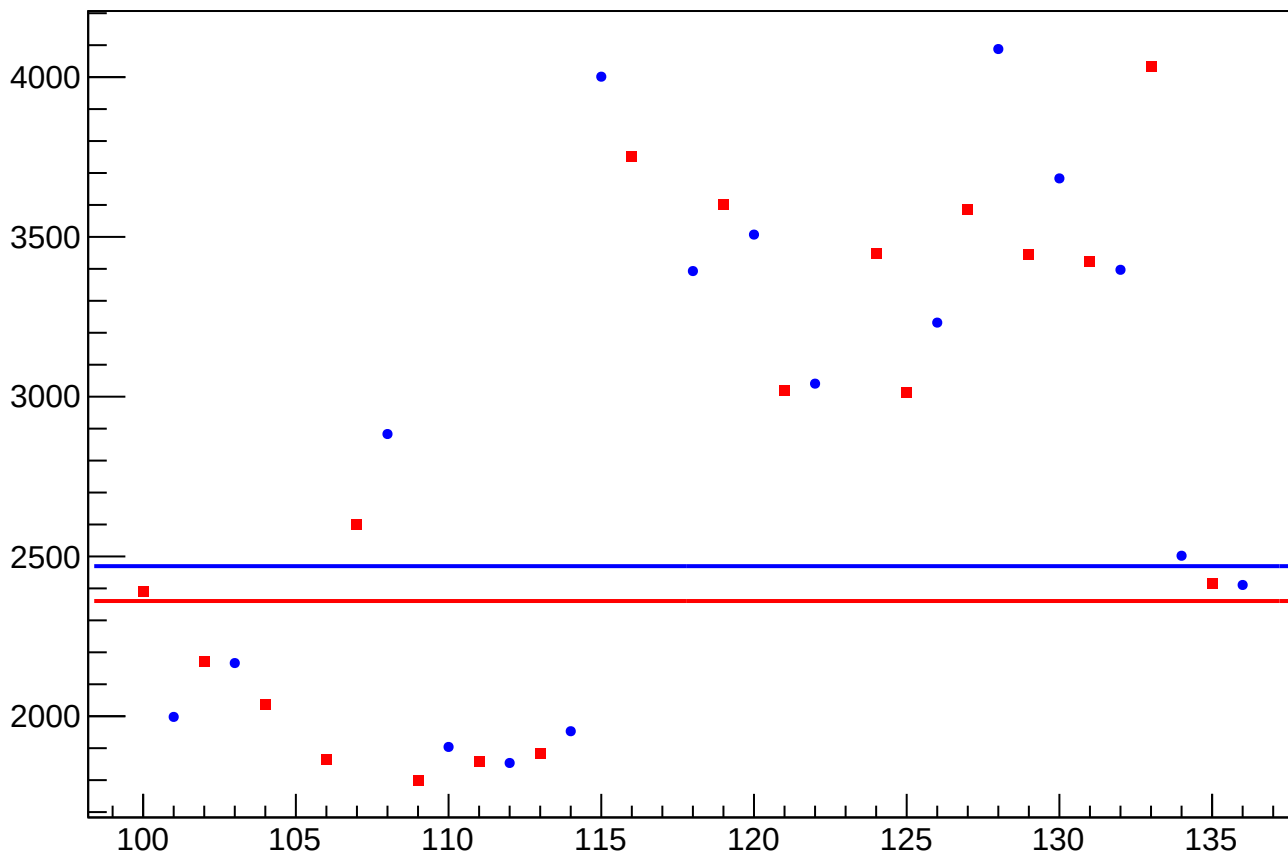
Right: -791.075+/-658.890 χ^2/NDF : 38.3/33

In: 477.284+/-952.752 χ^2/NDF : 22.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -791.075+/-658.890 χ^2/NDF : 38.3/33

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: 2360.526+/-0.645 χ^2/NDF : 1042780.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

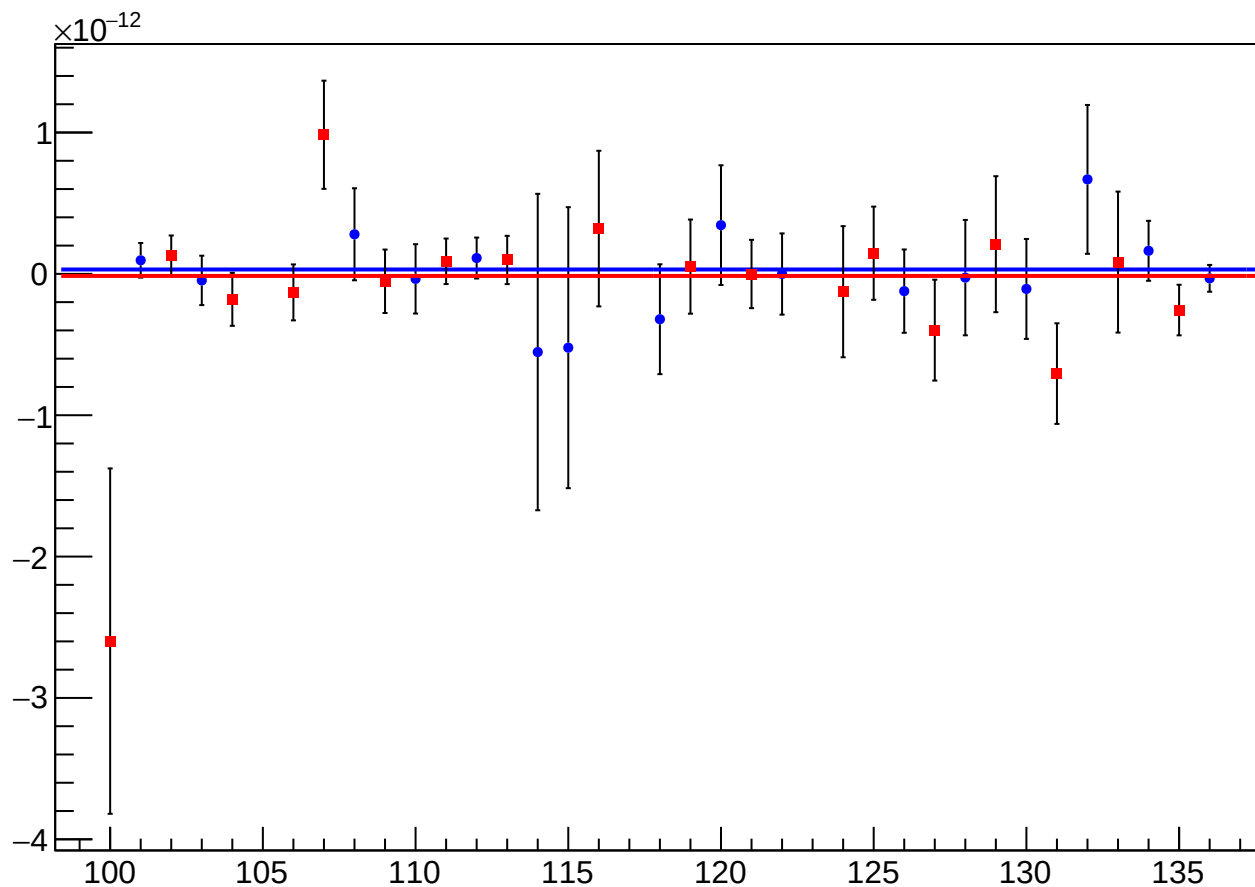
Right: 2412.710+/-0.466 χ^2/NDF : 1942645.2/33

In: 2469.639+/-0.674 χ^2/NDF : 886179.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2412.710+/-0.466 χ^2/NDF : 1942645.2/33

asym_sam4_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 6.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 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

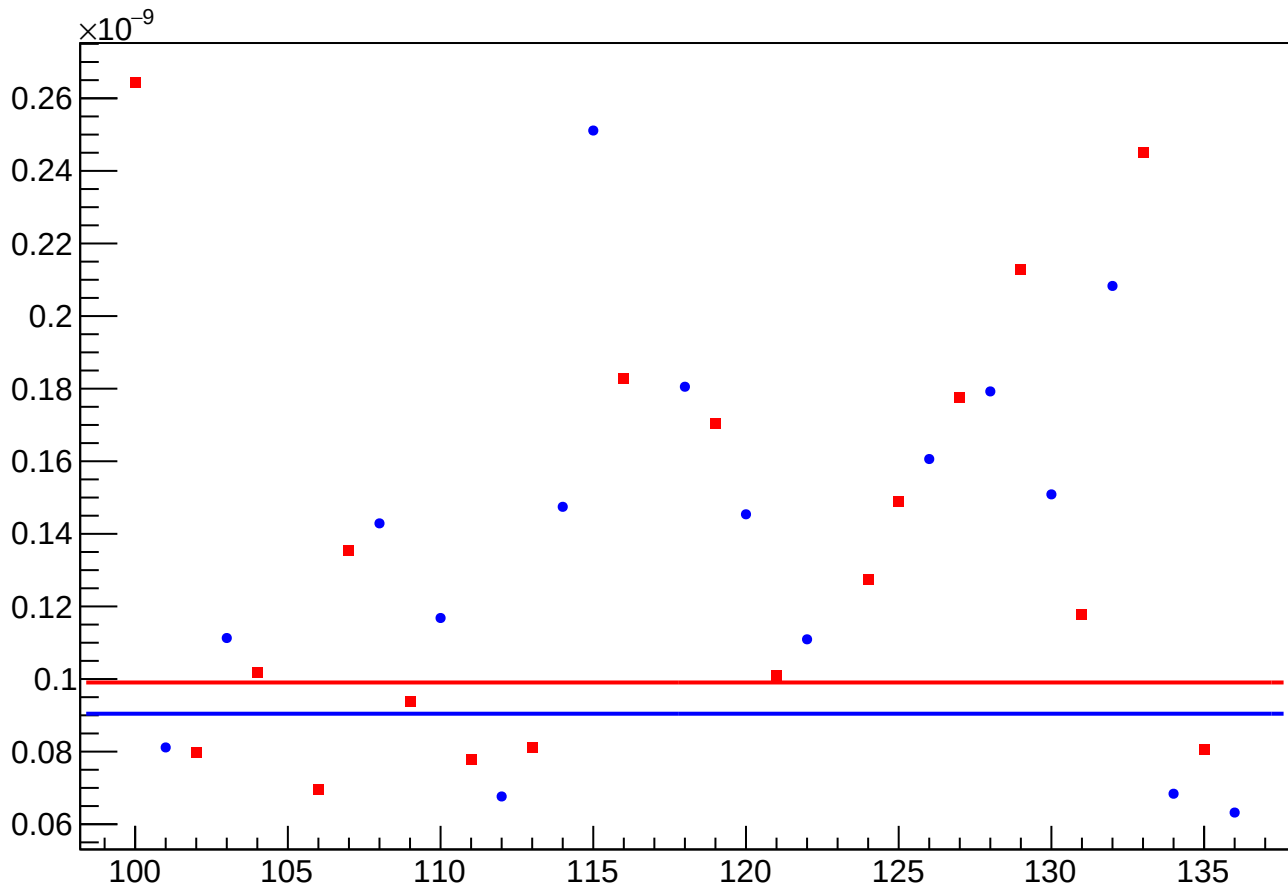
Right: 0.000+/-0.000 χ^2/NDF : 28.5/33

In: 0.000+/-0.000 χ^2/NDF : 6.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.5/33

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 : 793054.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

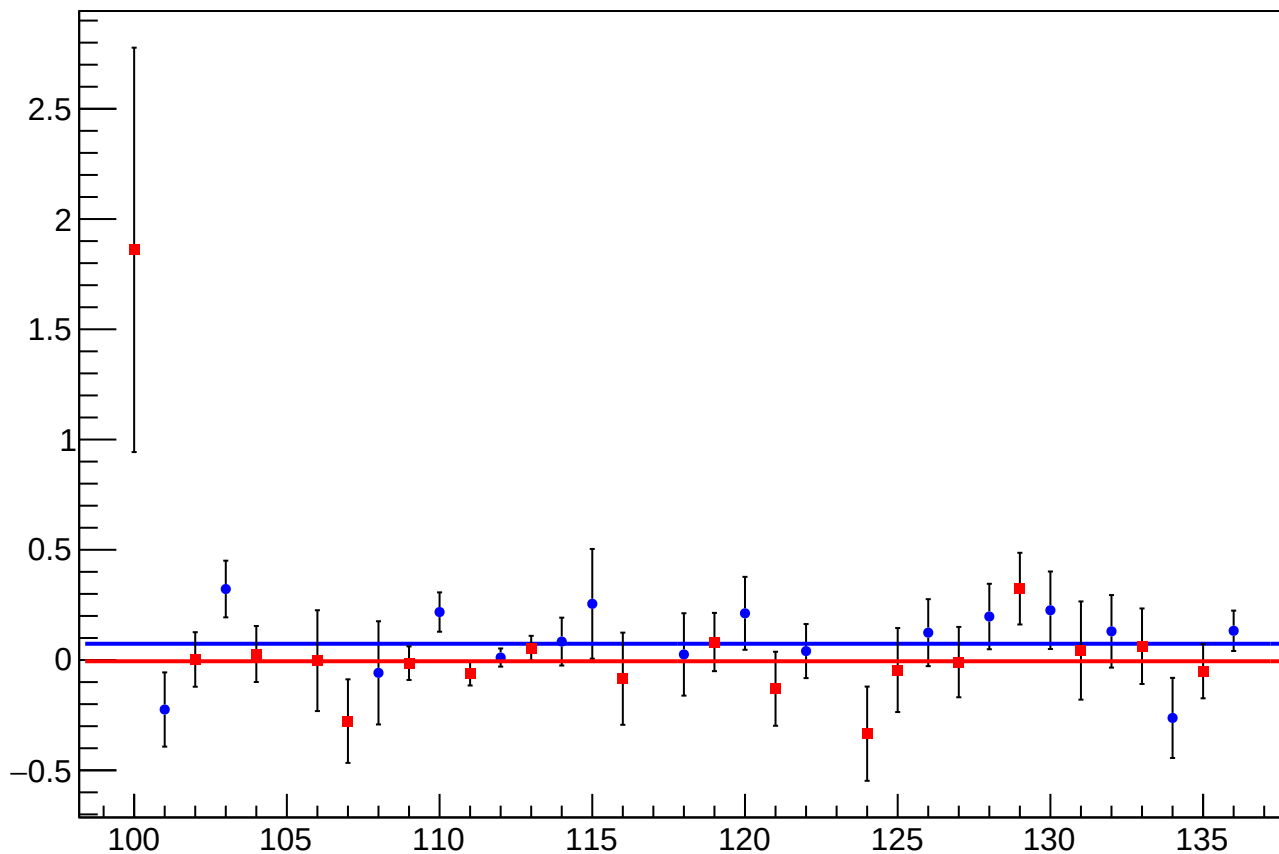
Right: 0.000+/-0.000 χ^2/NDF : 1744186.9/33

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 : 1744186.9/33

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: -0.005 $\pm$ 0.027 χ^2 /NDF: 16.4/17

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

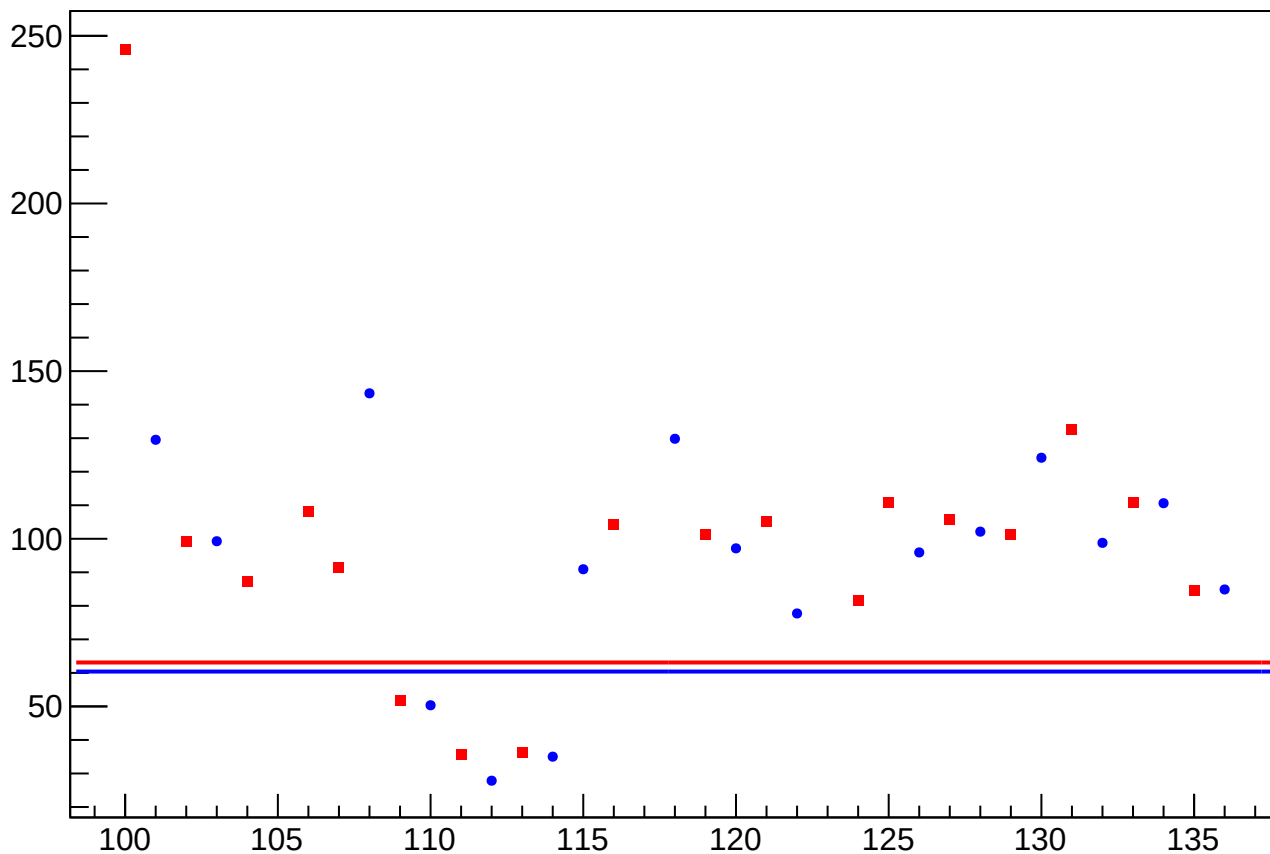
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.7/33

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: 39.7/33

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: 63.104+/-0.019 χ^2/NDF : 2626750.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

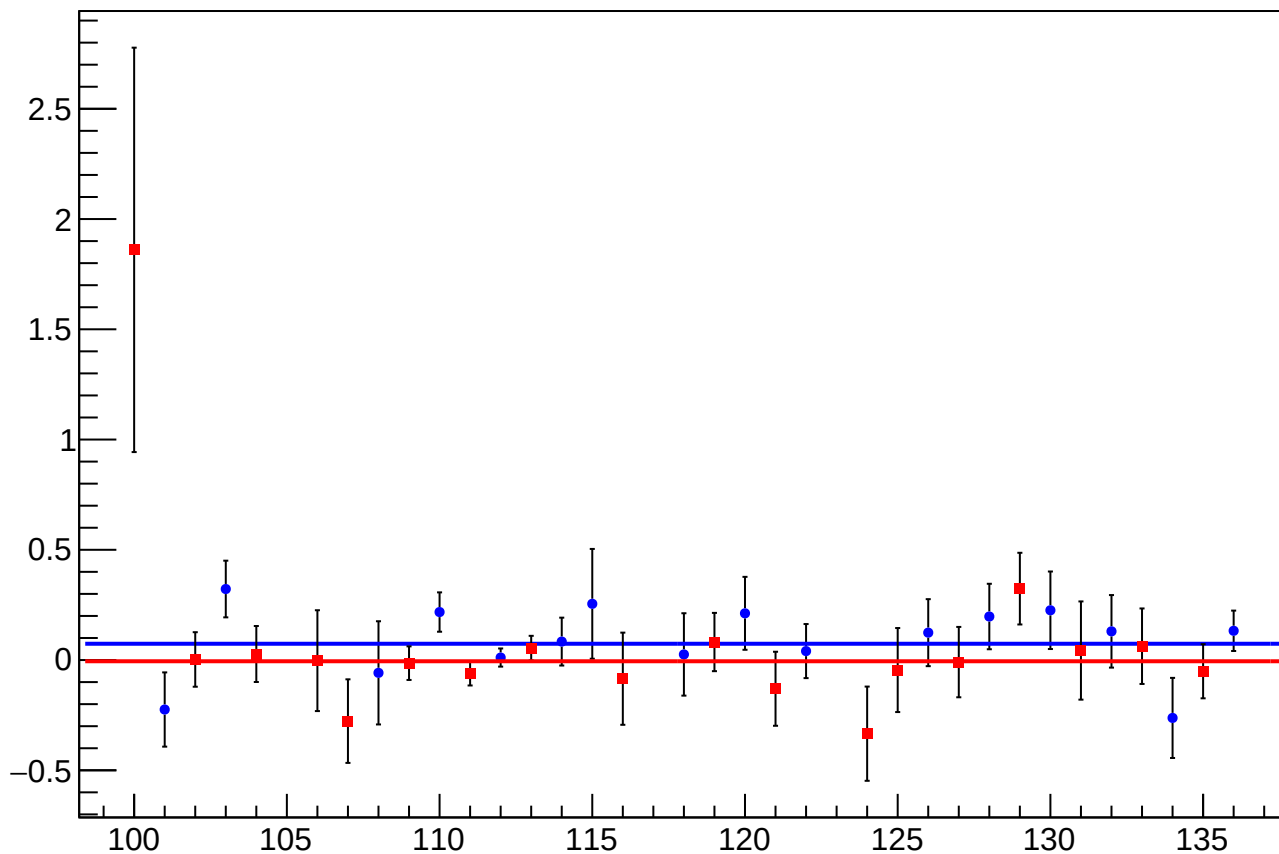
Right: 61.748+/-0.014 χ^2/NDF : 6174859.2/33

In: 60.401+/-0.019 χ^2/NDF : 3538126.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.748+/-0.014 χ^2/NDF : 6174859.2/33

asym_sam4_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: -0.005 $\pm$ 0.027 χ^2 /NDF: 16.4/17

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

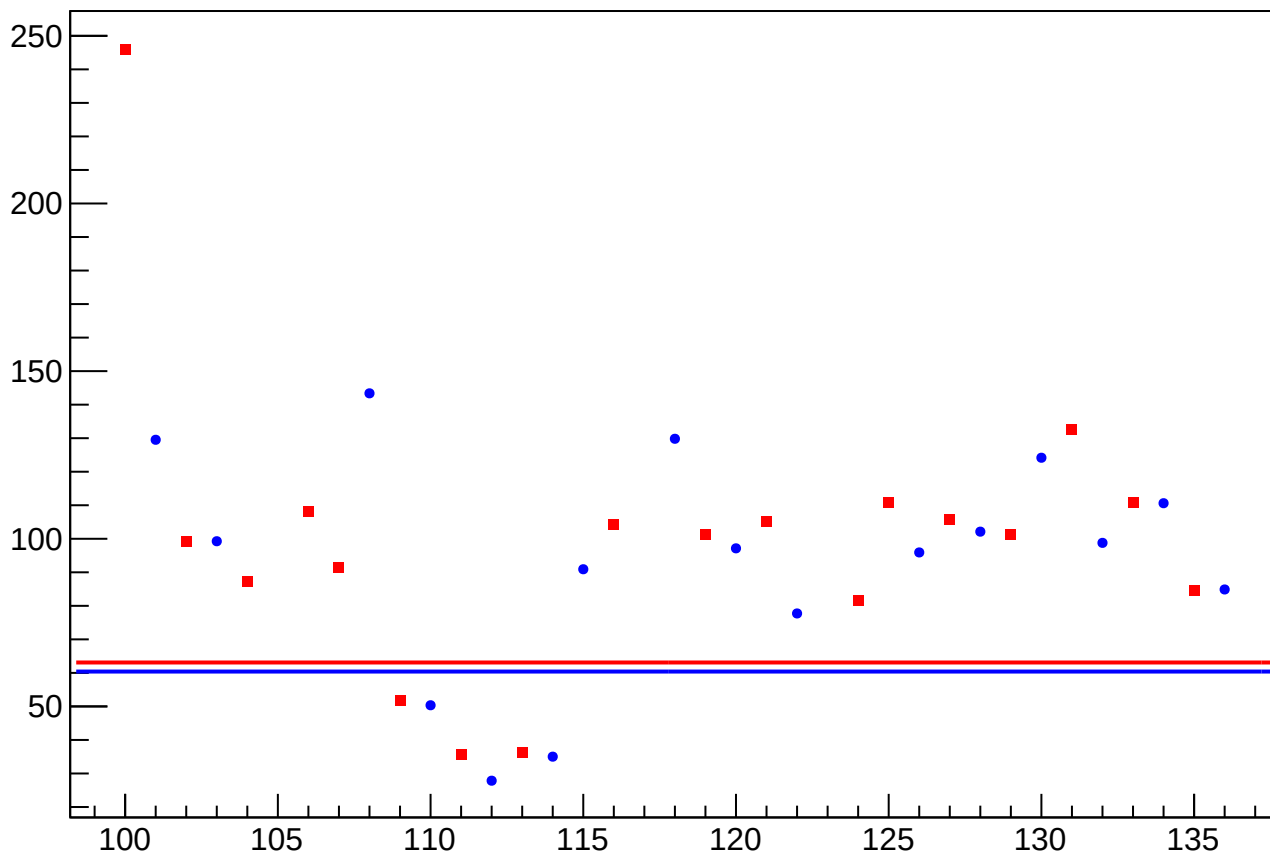
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.7/33

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: 39.7/33

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: 63.104+/-0.019 χ^2/NDF : 2626750.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

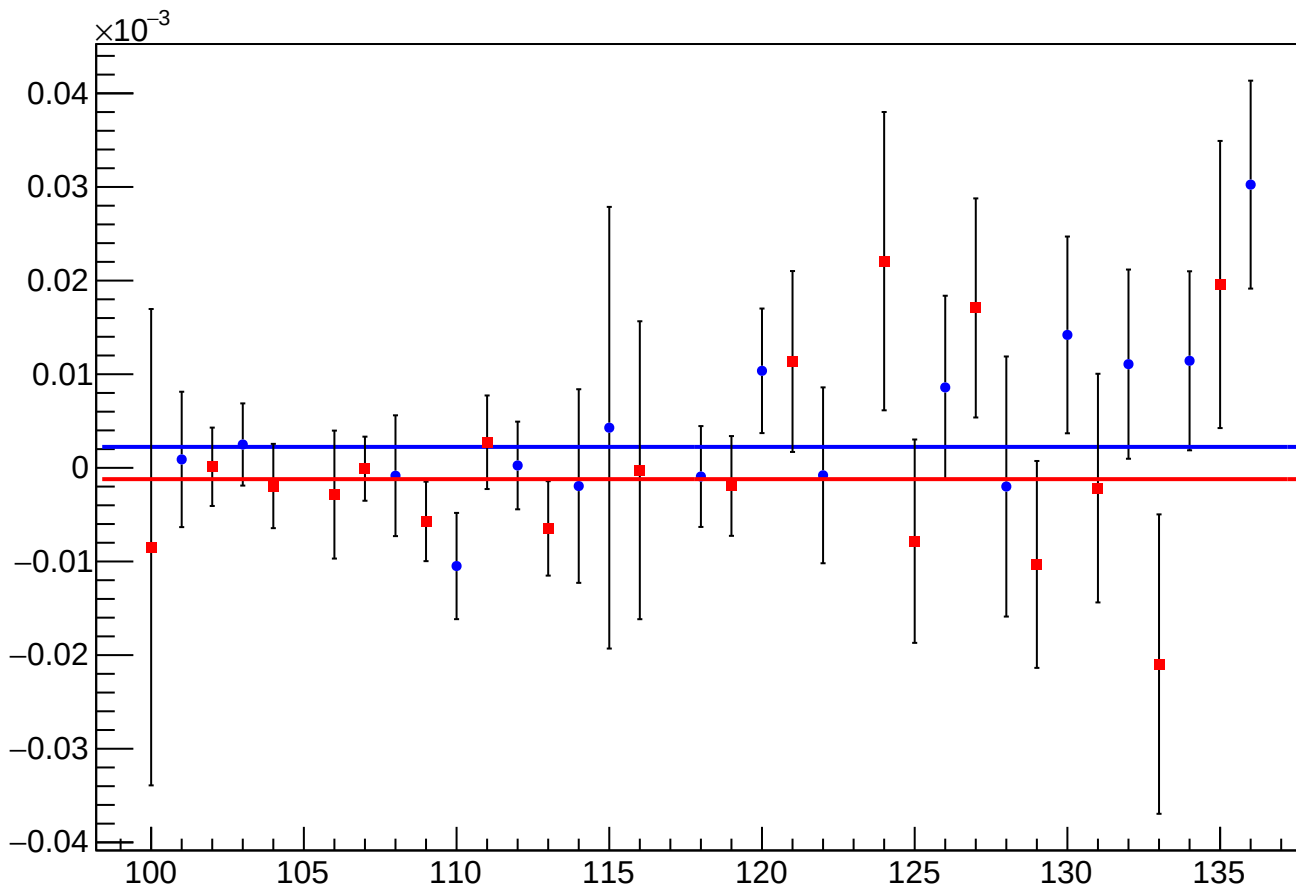
Right: 61.748+/-0.014 χ^2/NDF : 6174859.2/33

In: 60.401+/-0.019 χ^2/NDF : 3538126.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.748+/-0.014 χ^2/NDF : 6174859.2/33

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 : 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

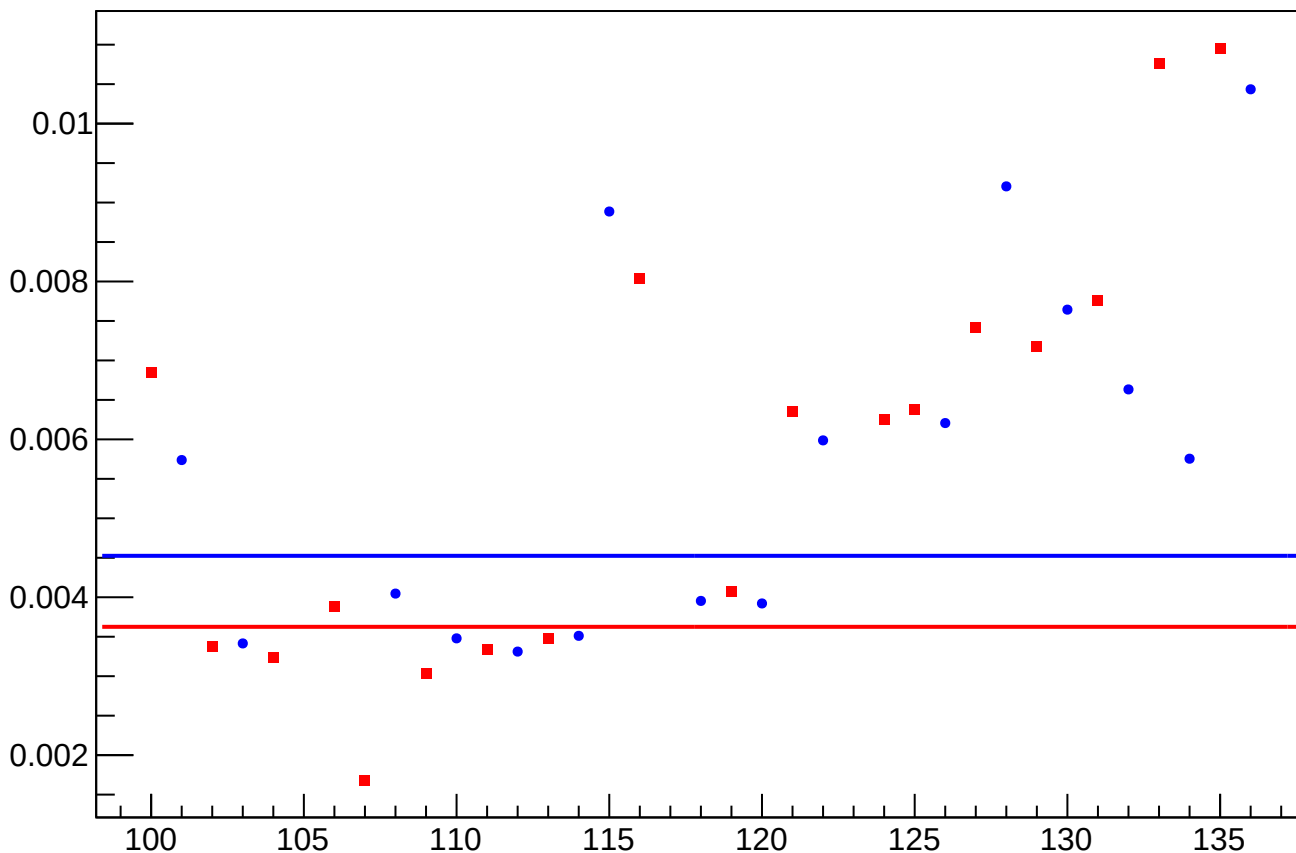
Right: 0.000+/-0.000 χ^2/NDF : 33.5/33

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 : 33.5/33

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 : 2763869.9/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.004+/-0.000

χ^2/NDF : 4777221.4/33

In: 0.005+/-0.000

χ^2/NDF : 1721333.3/15

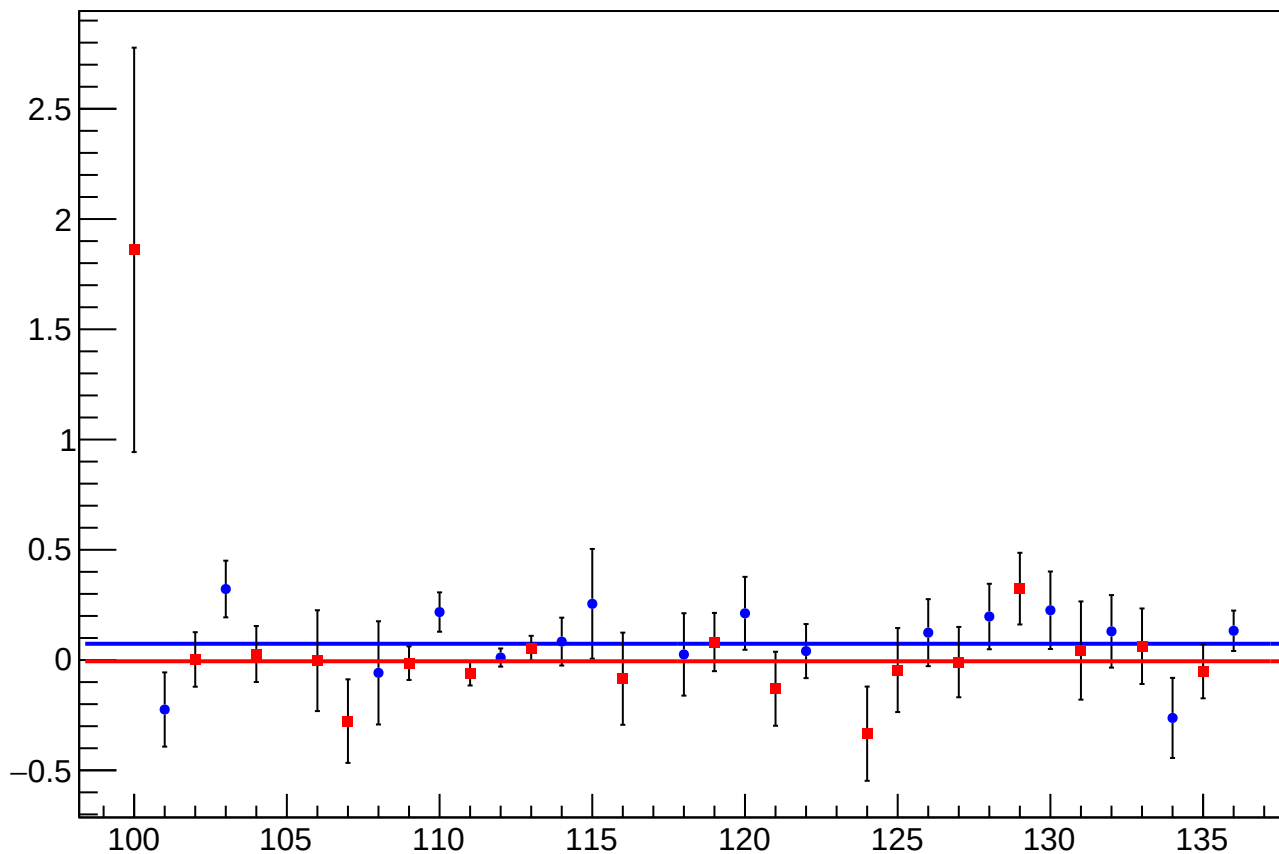
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.004+/-0.000

χ^2/NDF : 4777221.4/33

asym_sam4_eigen_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: -0.005 $\pm$ 0.027 χ^2 /NDF: 16.4/17

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

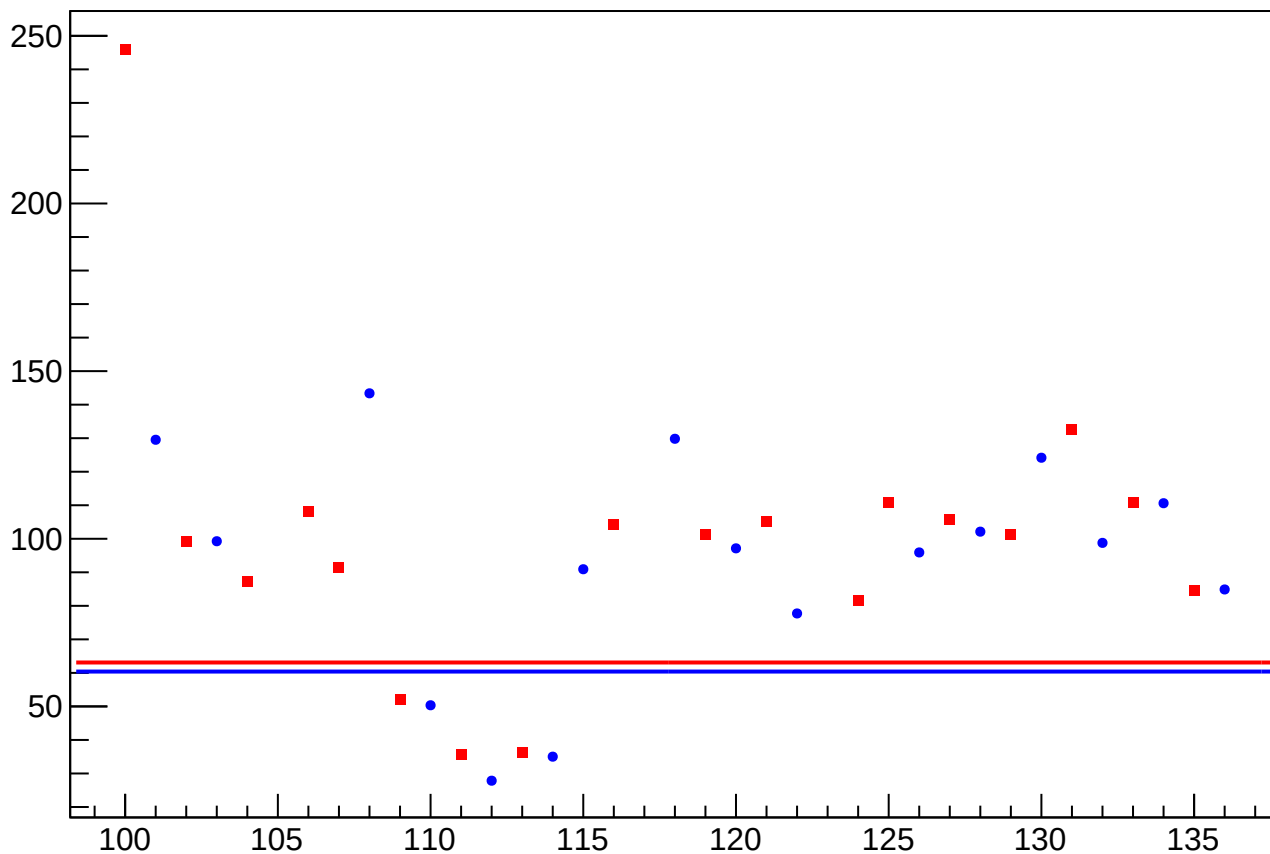
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.7/33

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: 39.7/33

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: 63.102+/-0.019 χ^2/NDF : 2627013.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

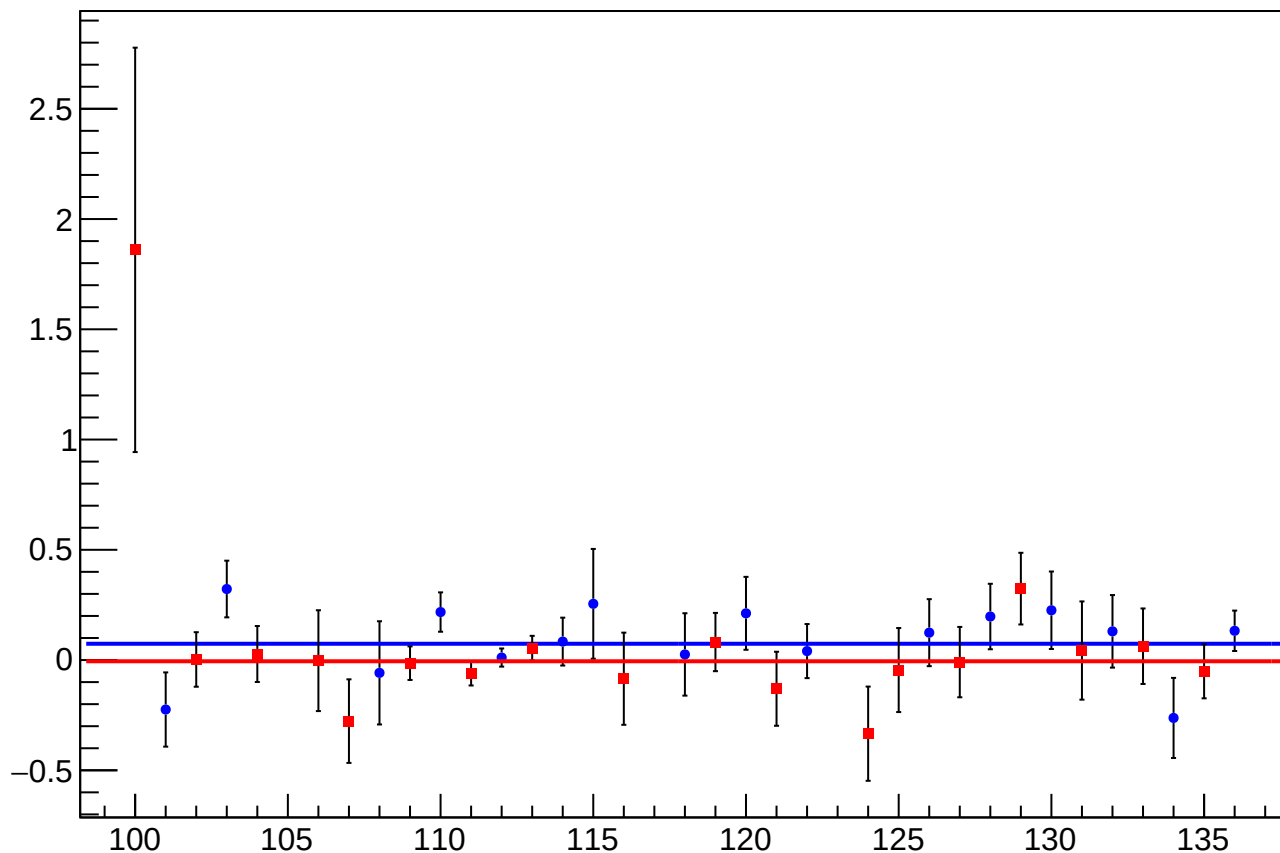
Right: 61.746+/-0.014 χ^2/NDF : 6175381.8/33

In: 60.399+/-0.019 χ^2/NDF :3538382.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.746+/-0.014 χ^2/NDF : 6175381.8/33

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: -0.005 $\pm$ 0.027 χ^2 /NDF: 16.4/17

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

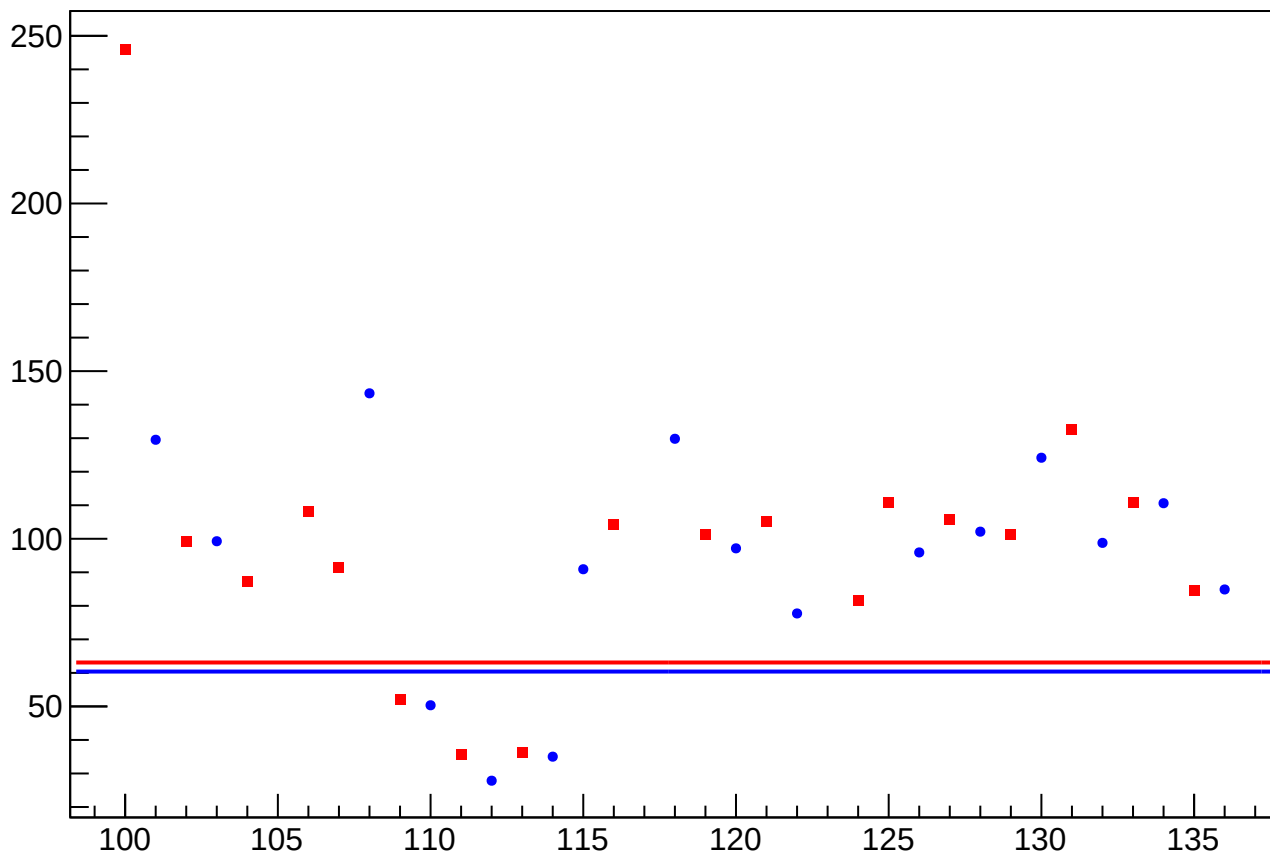
Right: 0.034 $\pm$ 0.019 χ^2 /NDF: 39.7/33

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: 39.7/33

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: 63.102+/-0.019 χ^2/NDF : 2627013.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

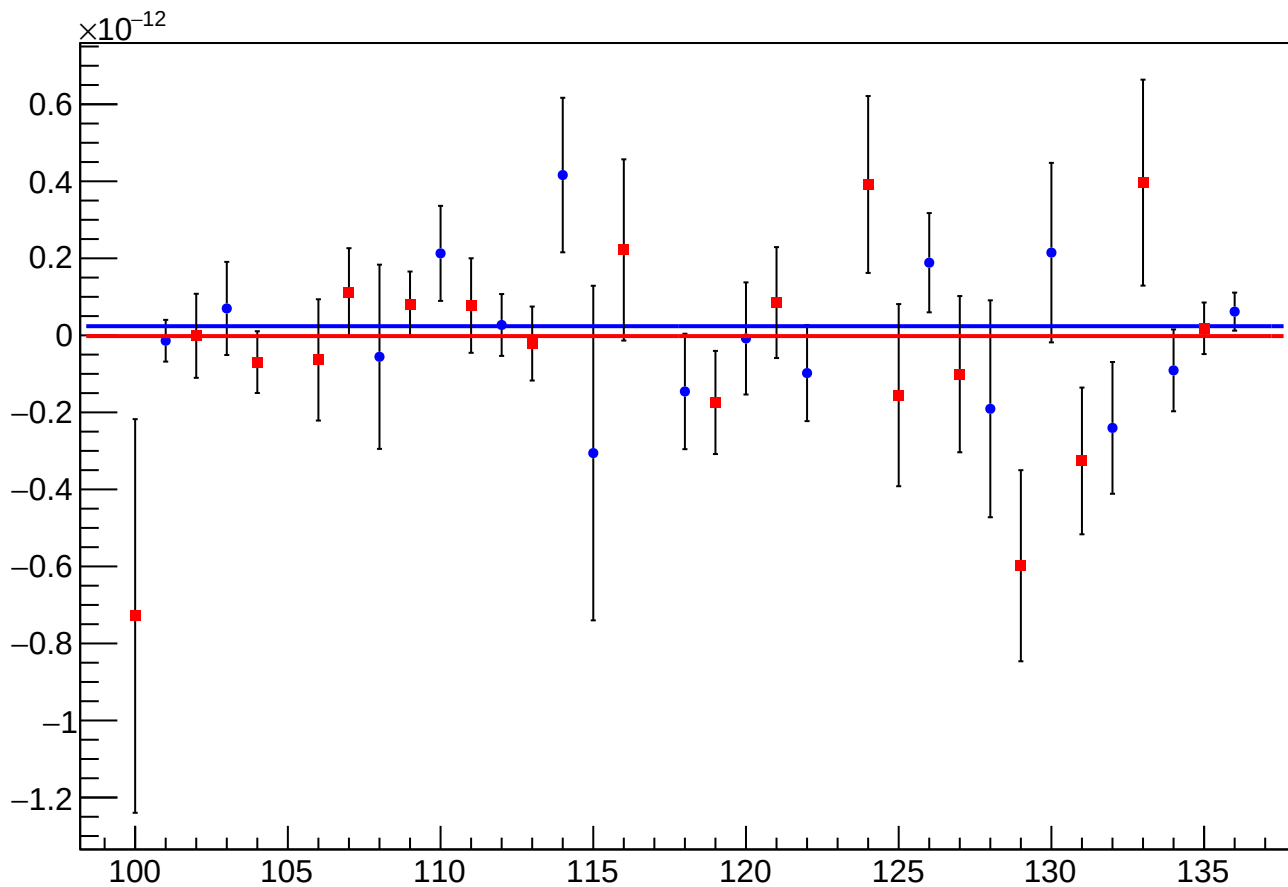
Right: 61.746+/-0.014 χ^2/NDF : 6175381.8/33

In: 60.399+/-0.019 χ^2/NDF :3538382.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.746+/-0.014 χ^2/NDF : 6175381.8/33

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 : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

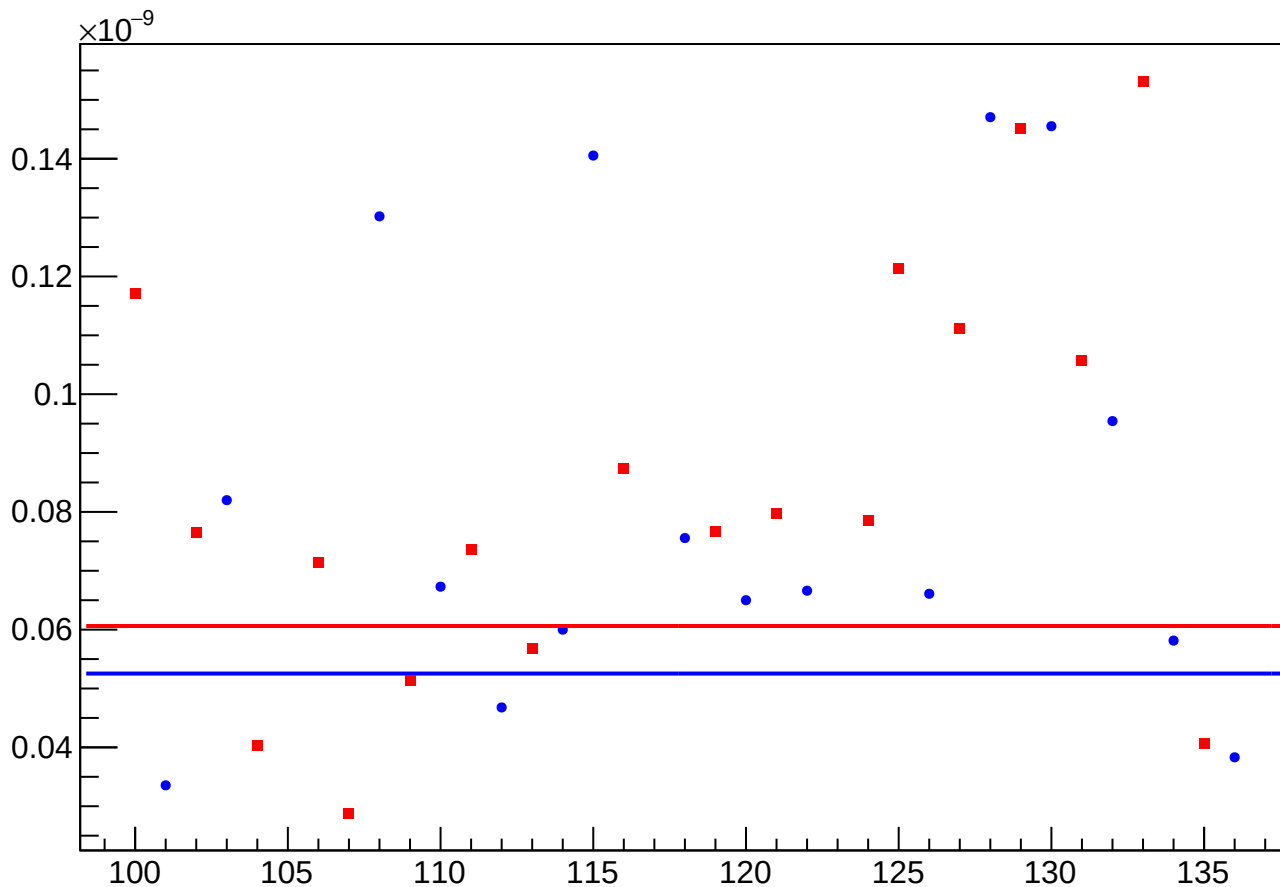
Right: 0.000+/-0.000 χ^2/NDF : 40.0/33

In: 0.000+/-0.000 χ^2/NDF : 16.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 40.0/33

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 : 1527319.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

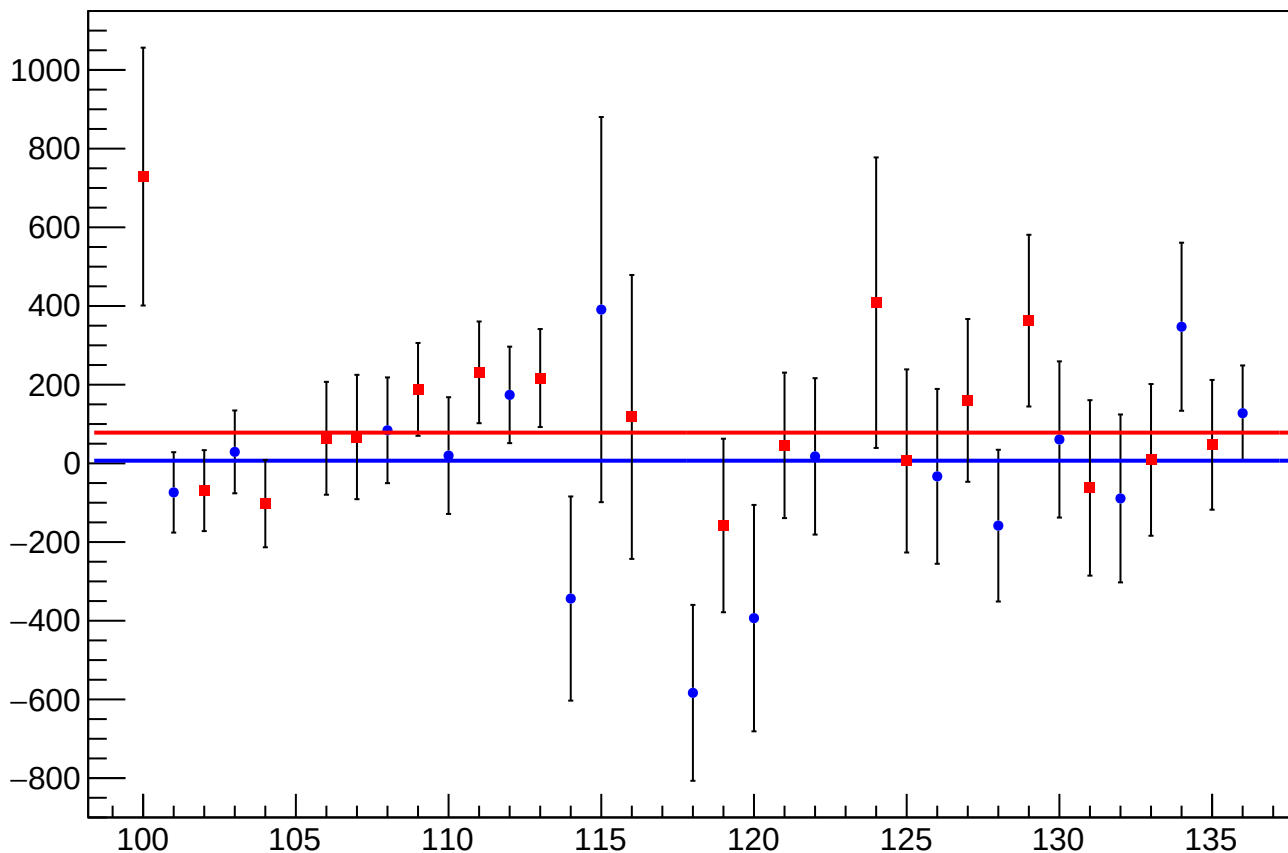
Right: 0.000+/-0.000 χ^2/NDF : 3259940.8/33

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 : 3259940.8/33

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: 78.159+/-38.318 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

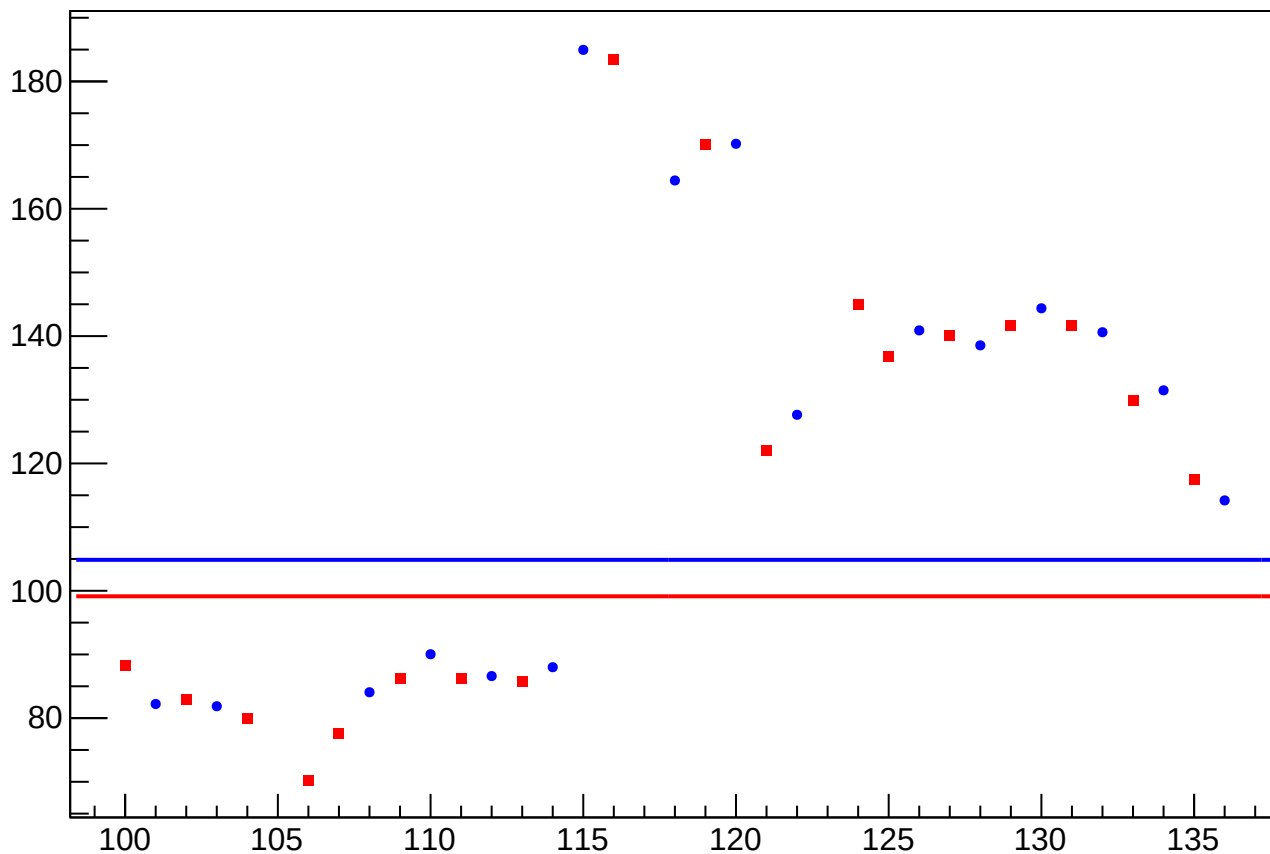
Right: 44.329+/-27.786 χ^2/NDF : 37.1/33

In: 6.811+/-40.353 χ^2/NDF : 18.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.329+/-27.786 χ^2/NDF : 37.1/33

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: 99.134+/-0.027 χ^2/NDF : 1030128.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

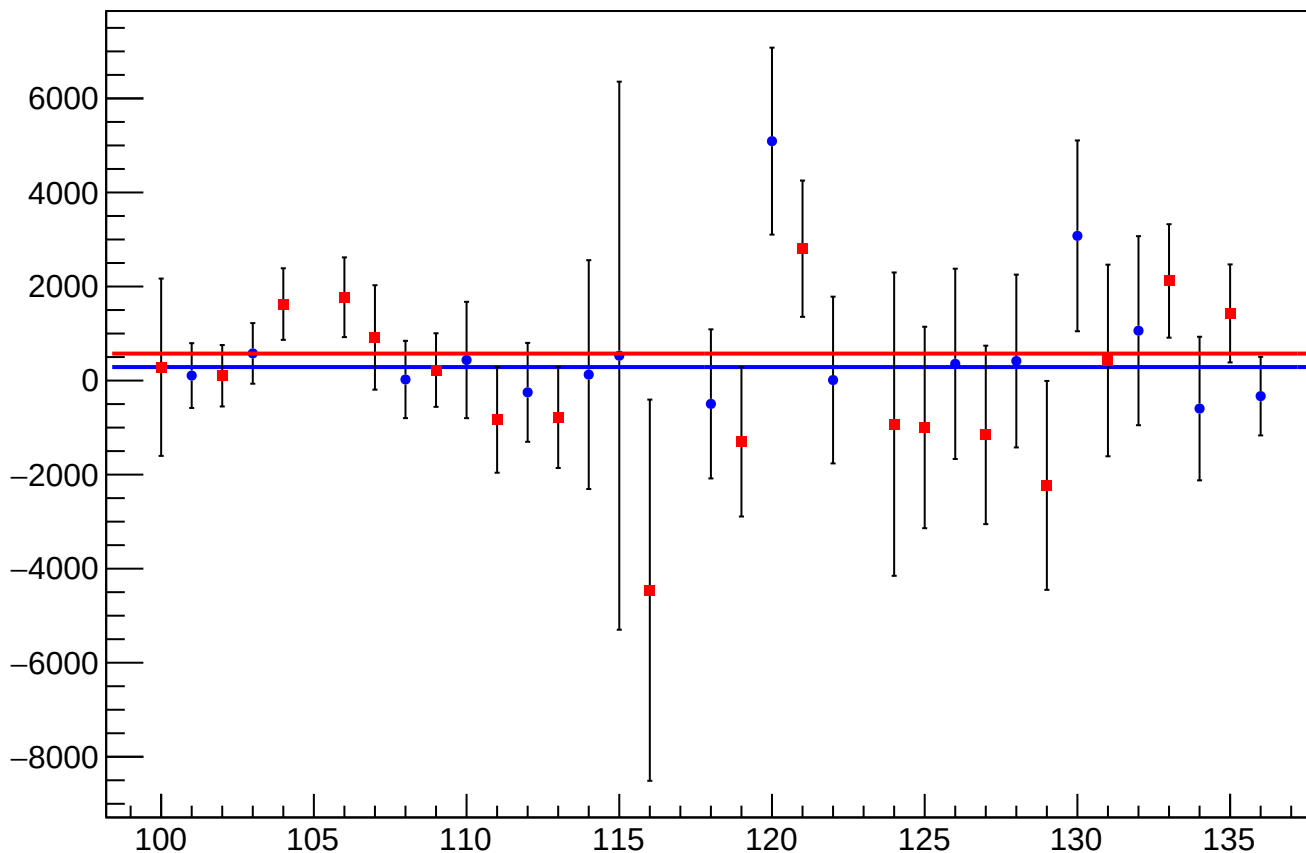
Right: 101.849+/-0.020 χ^2/NDF : 1982533.4/33

In: 104.860+/-0.029 χ^2/NDF : 931228.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.849+/-0.020 χ^2/NDF : 1982533.4/33

asym_sam5_reg_correction_mean vs Slug, Sign Corrected



Right In: 286.915+/-293.474 χ^2/NDF : 9.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 573.744+/-272.947 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

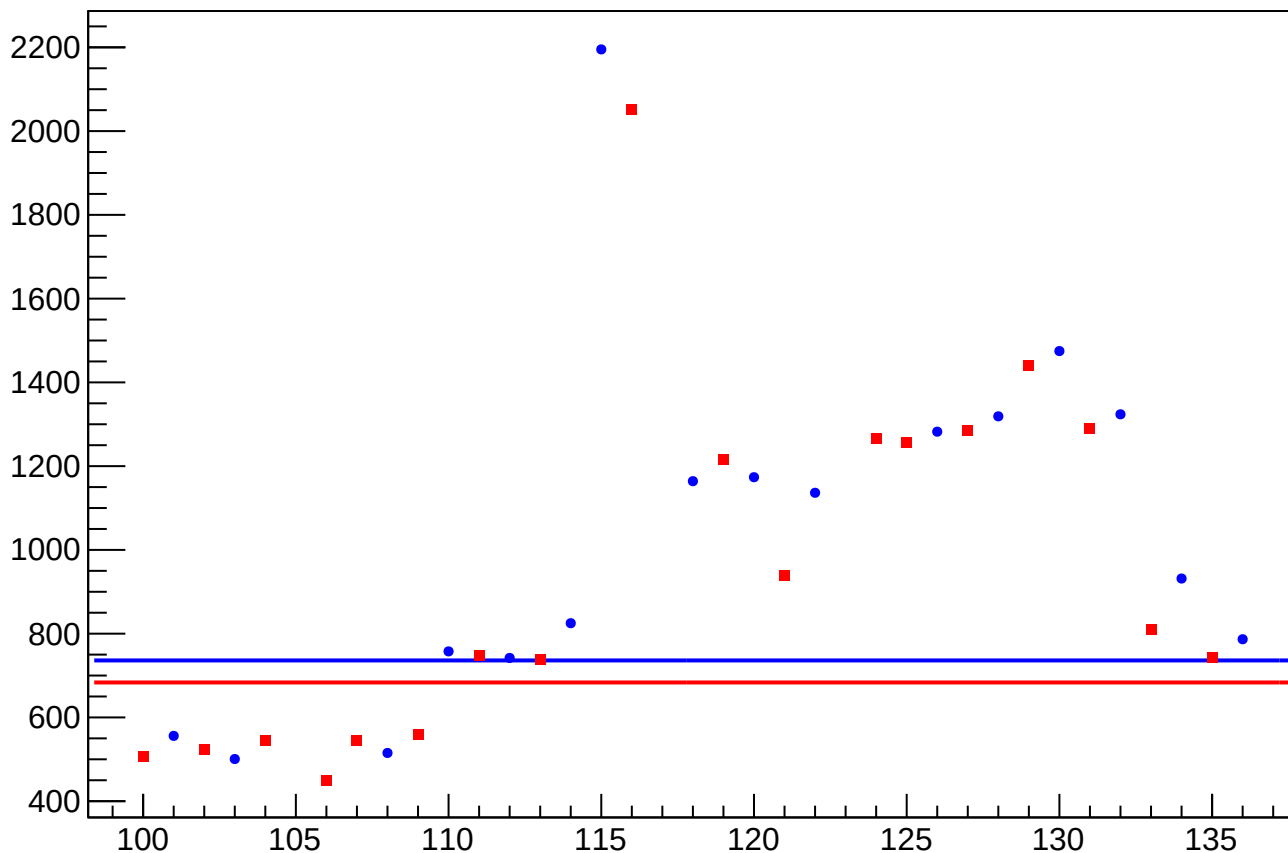
Right: 440.710+/-199.866 χ^2/NDF : 28.9/33

In: 286.915+/-293.474 χ^2/NDF : 9.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 440.710+/-199.866 χ^2/NDF : 28.9/33

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: 683.468+/-0.193 χ^2/NDF : 1811077.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

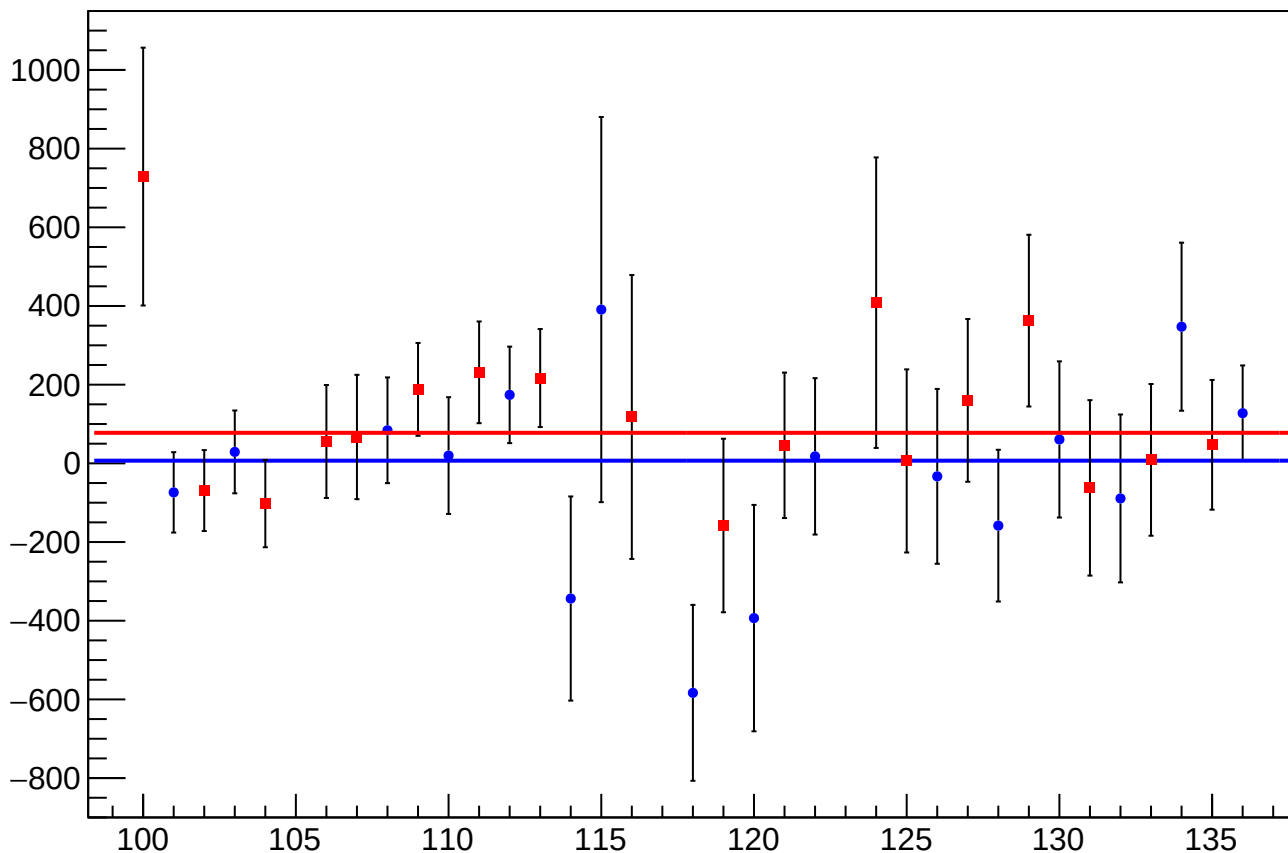
Right: 707.872+/-0.141 χ^2/NDF : 3690044.0/33

In: 736.084+/-0.208 χ^2/NDF : 1844496.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 707.872+/-0.141 χ^2/NDF : 3690044.0/33

cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.799 $\pm$ 40.353 χ^2 /NDF: 18.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.611 $\pm$ 38.321 χ^2 /NDF: 16.7/17

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

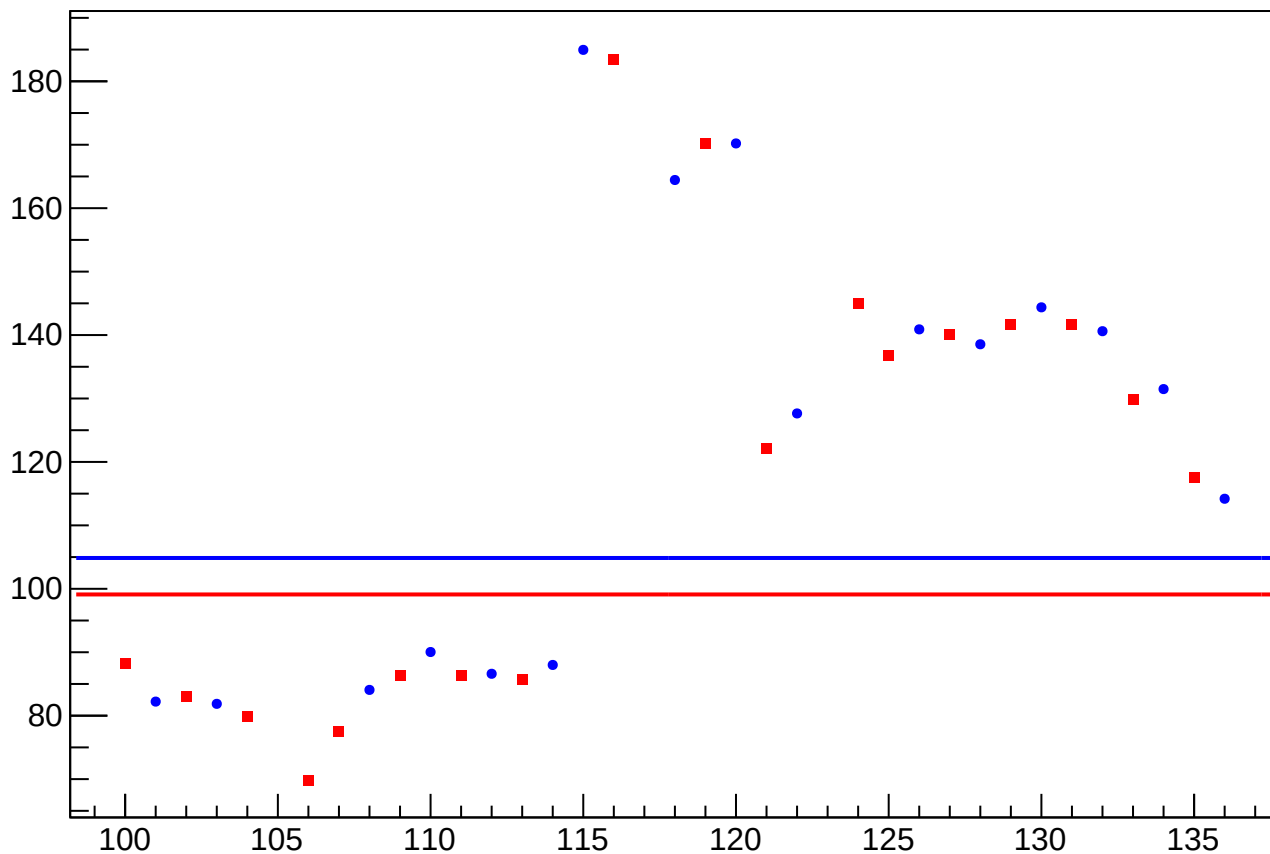
Right: 44.033 $\pm$ 27.787 χ^2 /NDF: 37.1/33

In: 6.799 $\pm$ 40.353 χ^2 /NDF:18.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.033 $\pm$ 27.787 χ^2 /NDF: 37.1/33

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: 99.109+/-0.027 χ^2/NDF : 1032290.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

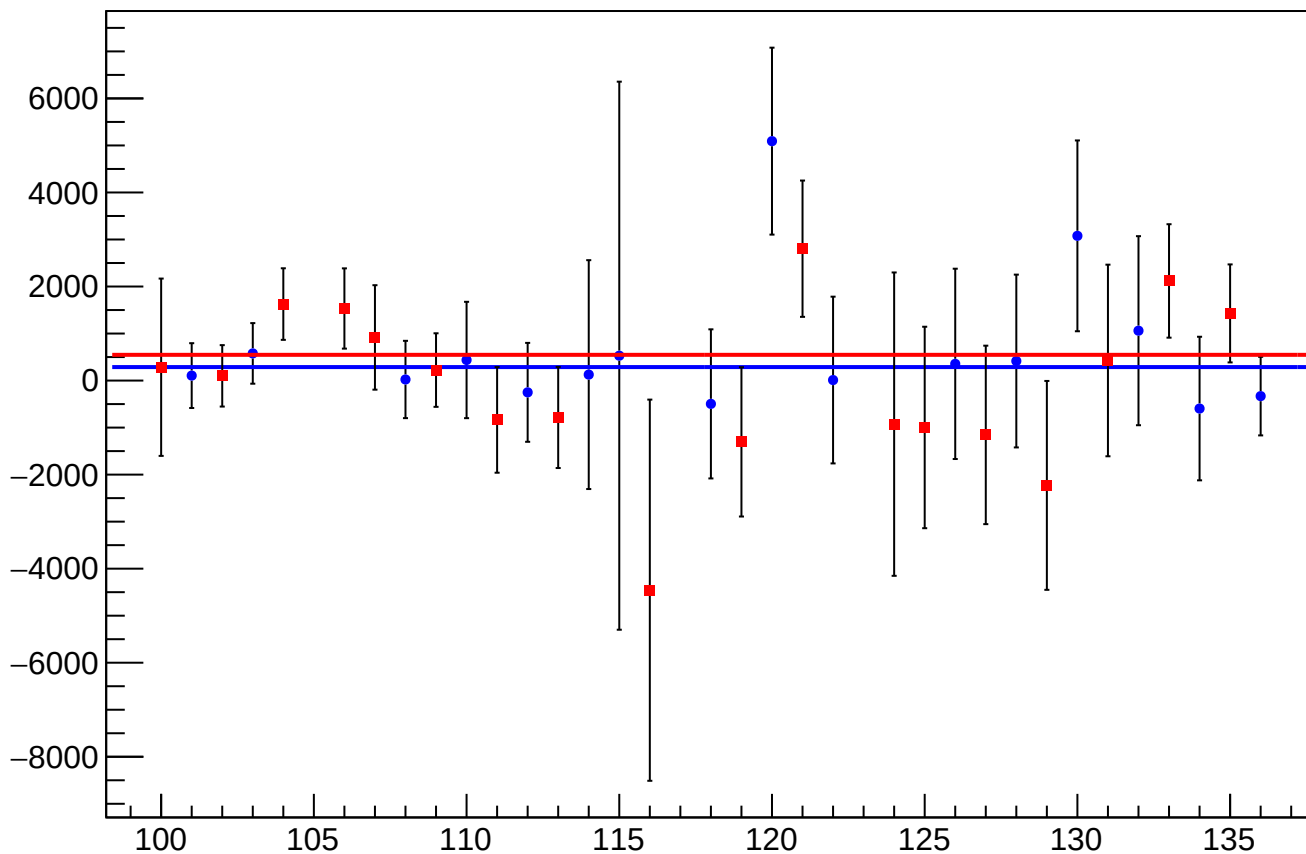
Right: 101.836+/-0.020 χ^2/NDF : 1984874.7/33

In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.836+/-0.020 χ^2/NDF : 1984874.7/33

asym_sam5_cor_correction_mean vs Slug, Sign Corrected



Right In: 286.918+/-293.473 χ^2/NDF : 9.7/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 547.342+/-273.131 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

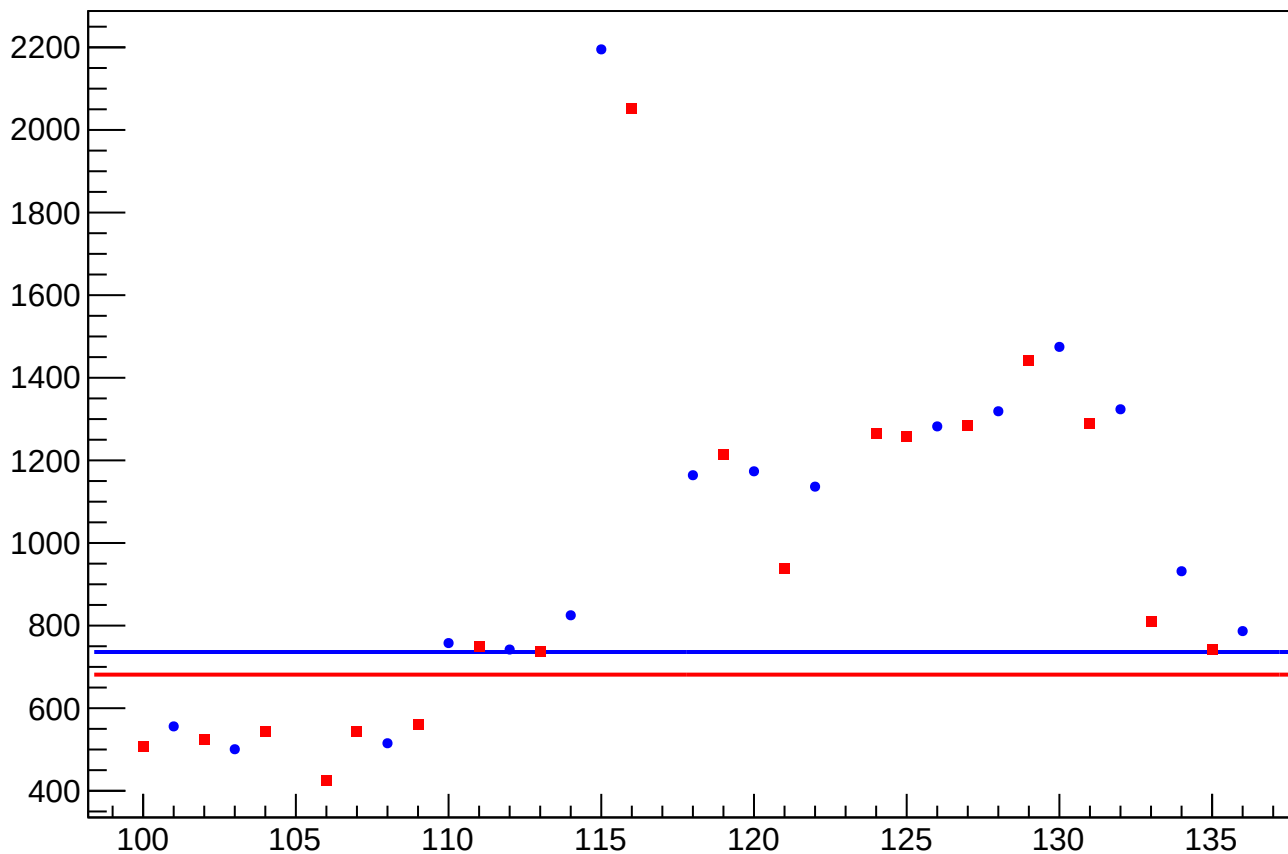
Right: 426.467+/-199.938 χ^2/NDF : 28.1/33

In: 286.918+/-293.473 χ^2/NDF :9.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 426.467+/-199.938 χ^2/NDF : 28.1/33

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: 681.286+/-0.193 χ^2/NDF : 1841991.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

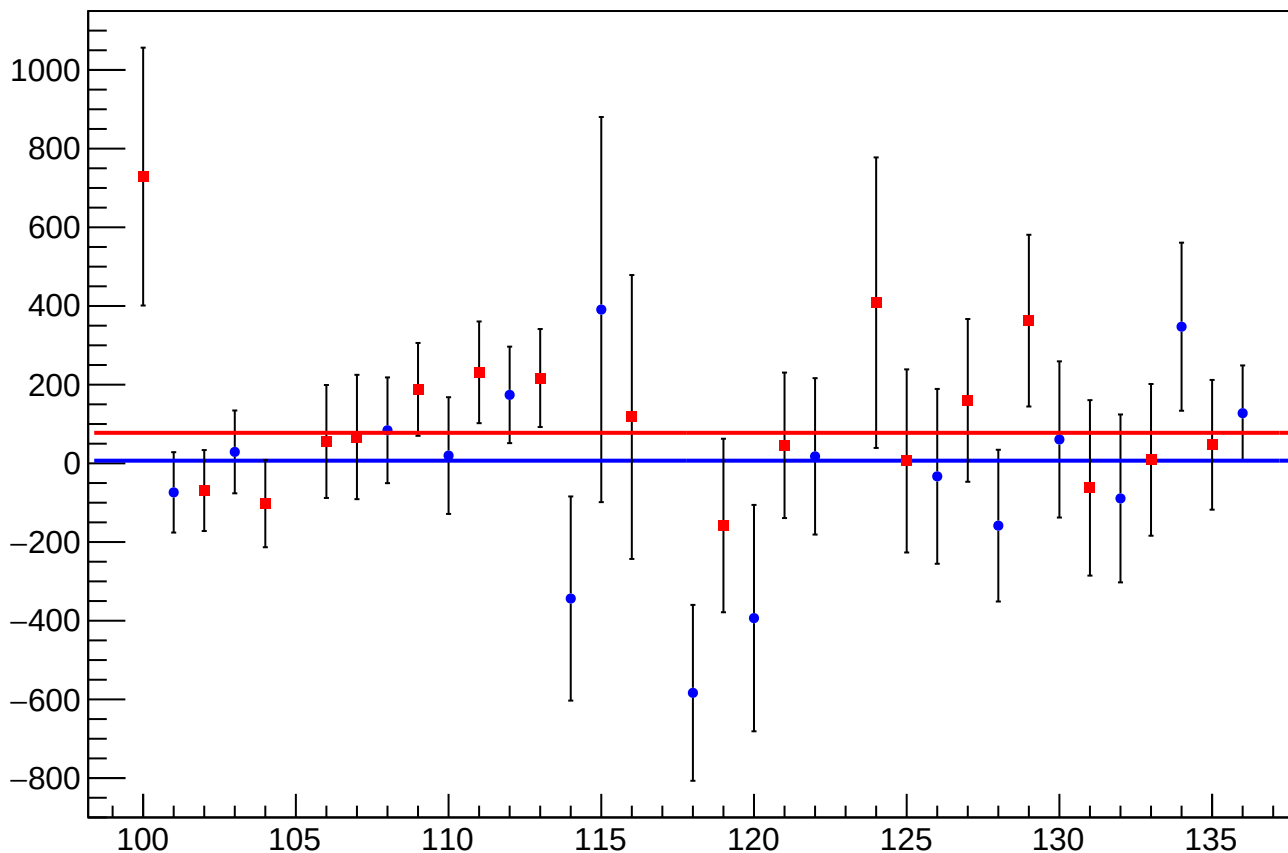
Right: 706.720+/-0.141 χ^2/NDF : 3723853.3/33

In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.720+/-0.141 χ^2/NDF : 3723853.3/33

eigen_cor_asym_sam5_mean vs Slug, Sign Corrected



Right In: 6.799 $\pm$ 40.353 χ^2 /NDF: 18.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 77.611 $\pm$ 38.321 χ^2 /NDF: 16.7/17

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

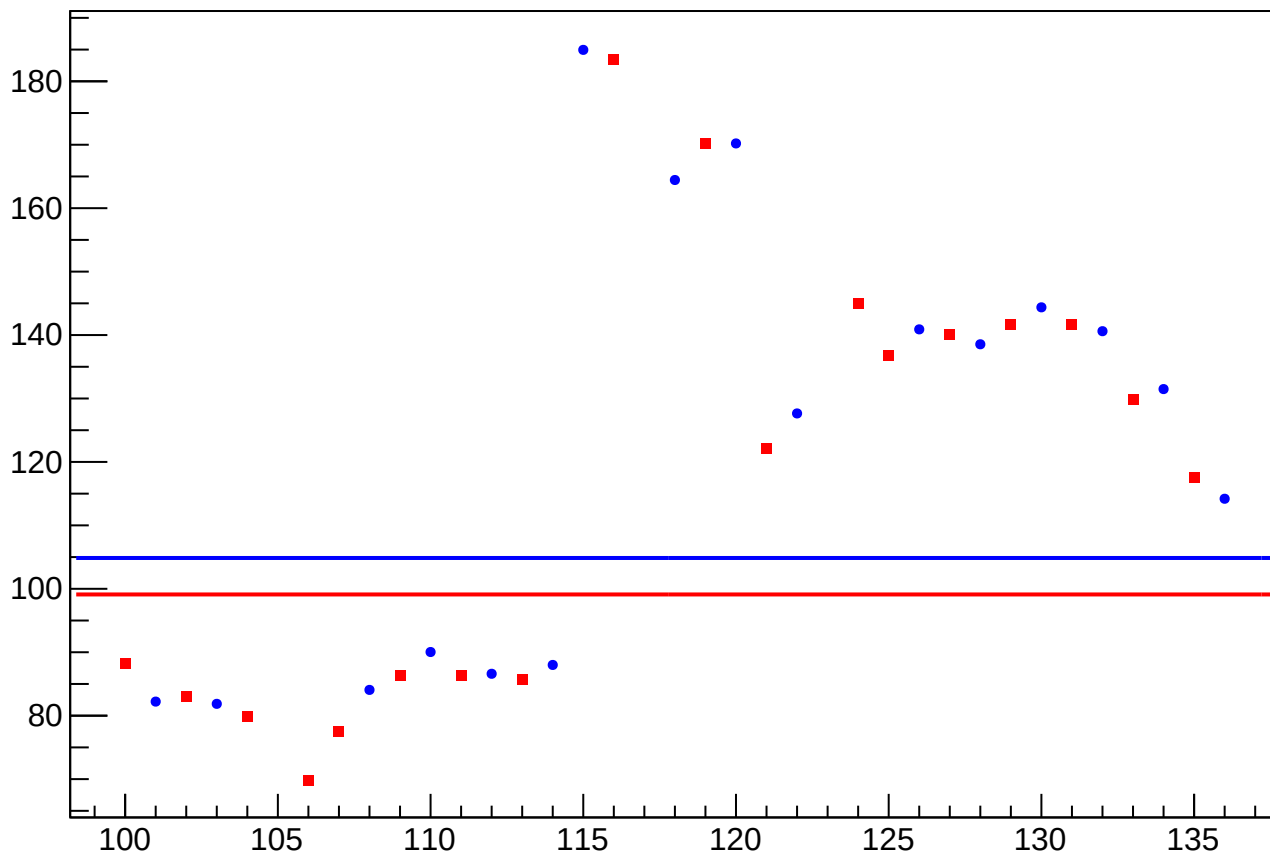
Right: 44.033 $\pm$ 27.787 χ^2 /NDF: 37.1/33

In: 6.799 $\pm$ 40.353 χ^2 /NDF:18.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 44.033 $\pm$ 27.787 χ^2 /NDF: 37.1/33

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: 99.109+/-0.027 χ^2/NDF : 1032290.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

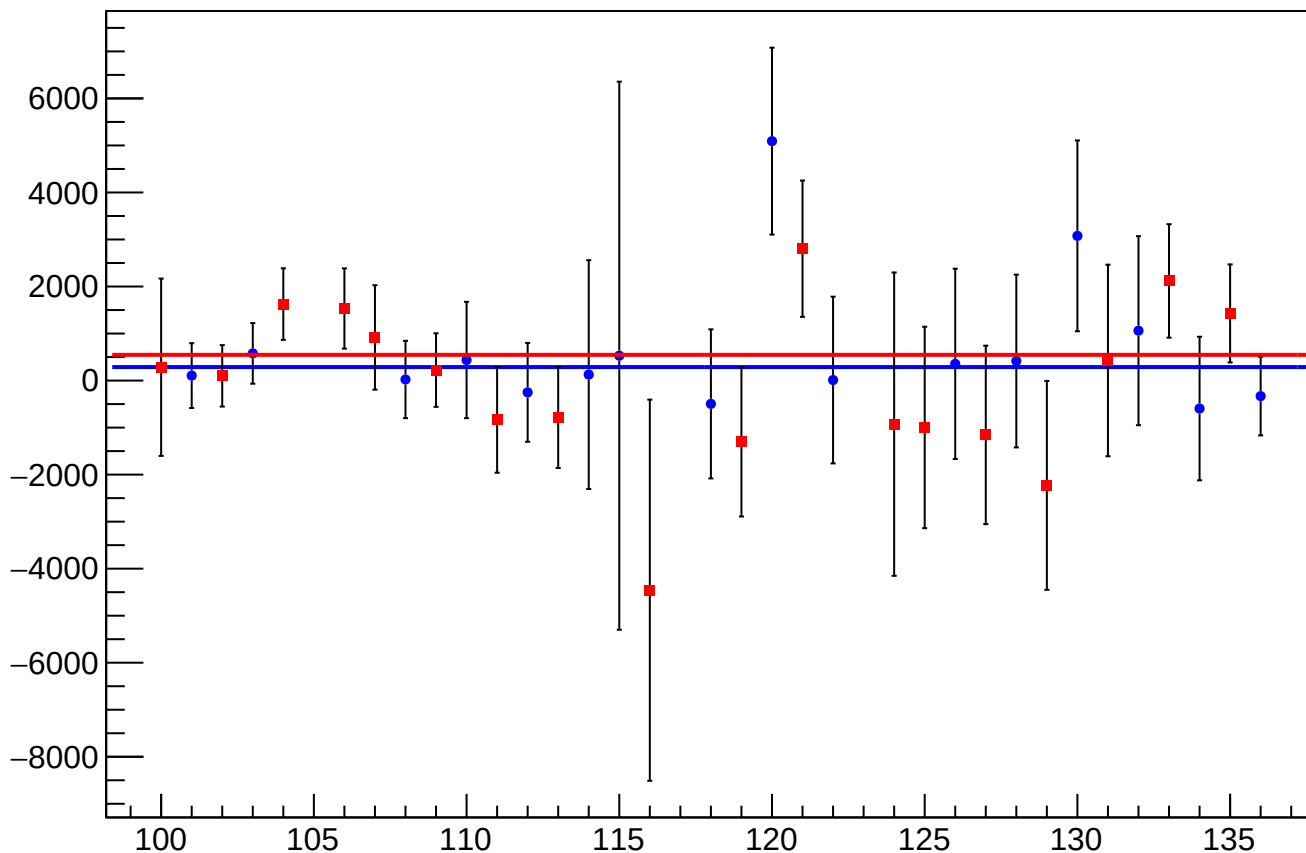
Right: 101.836+/-0.020 χ^2/NDF : 1984874.7/33

In: 104.860+/-0.029 χ^2/NDF : 931227.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.836+/-0.020 χ^2/NDF : 1984874.7/33

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: 547.342 $\pm$ 273.131 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

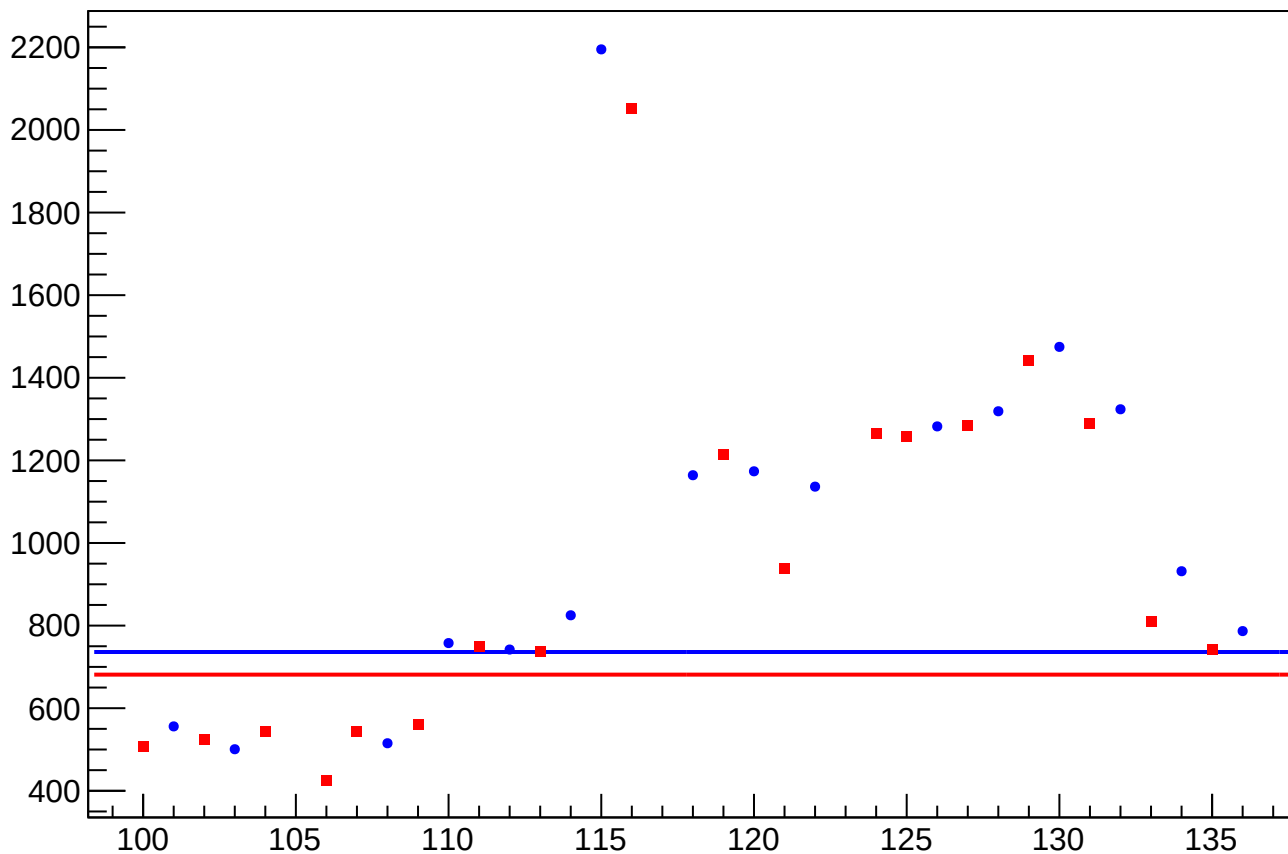
Right: 426.467 $\pm$ 199.938 χ^2 /NDF: 28.1/33

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: 426.467 $\pm$ 199.938 χ^2 /NDF: 28.1/33

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: 681.286+/-0.193 χ^2/NDF : 1841991.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

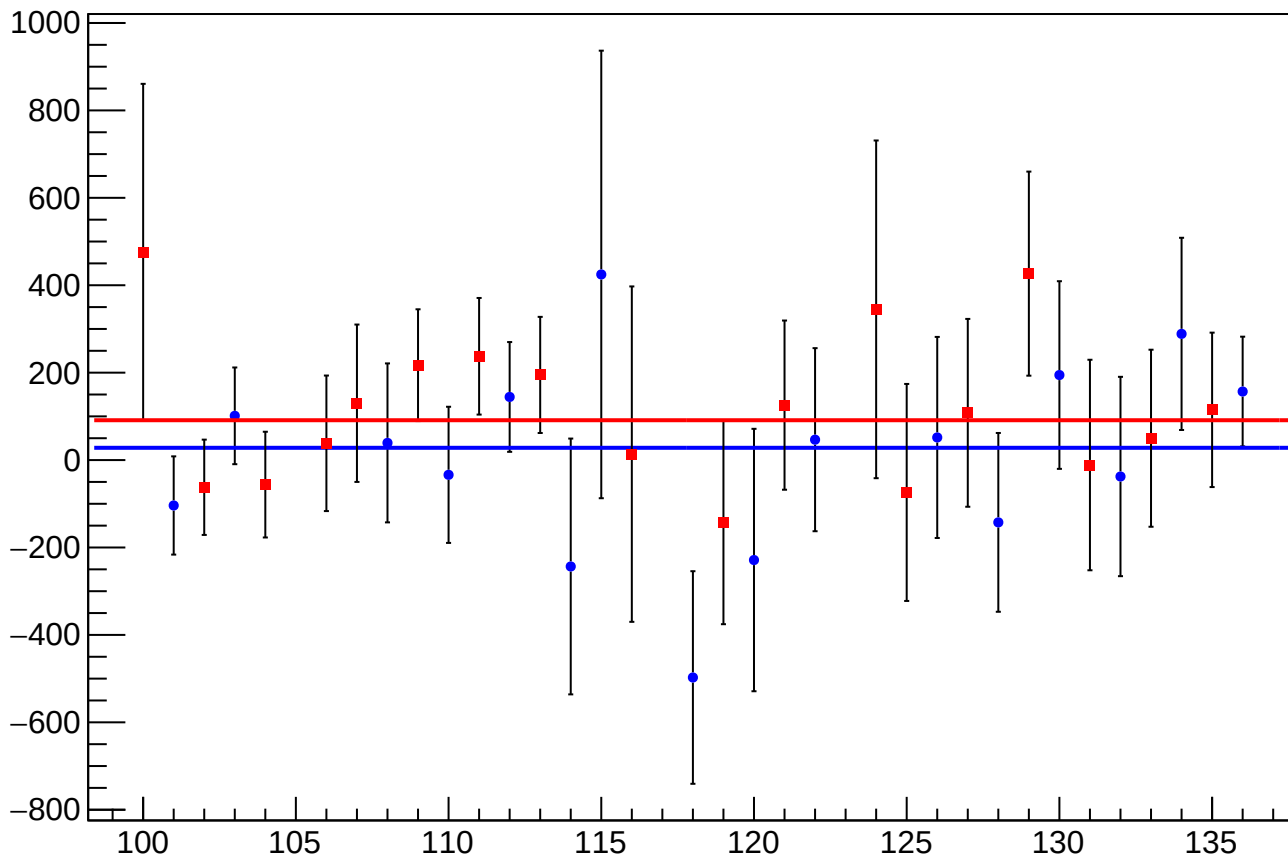
Right: 706.720+/-0.141 χ^2/NDF : 3723853.3/33

In: 736.083+/-0.208 χ^2/NDF : 1844498.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 706.720+/-0.141 χ^2/NDF : 3723853.3/33

dit_asym_sam5_mean vs Slug, Sign Corrected



Right In: 28.094+/-43.439 χ^2 /NDF: 13.6/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 91.164+/-41.020 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

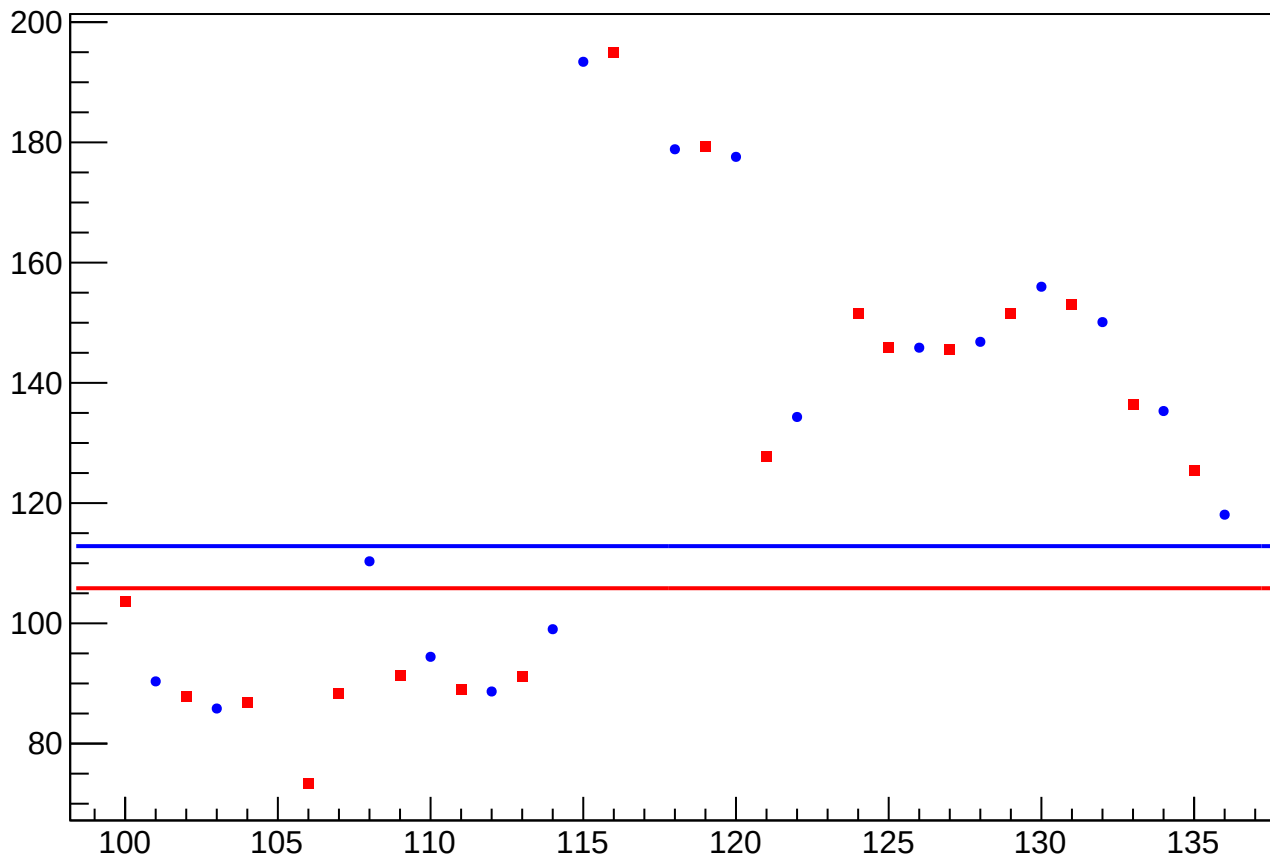
Right: 61.434+/-29.824 χ^2 /NDF: 26.3/33

In: 28.094+/-43.439 χ^2 /NDF:13.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 61.434+/-29.824 χ^2 /NDF: 26.3/33

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: 105.840+/-0.029 χ^2/NDF : 996985.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

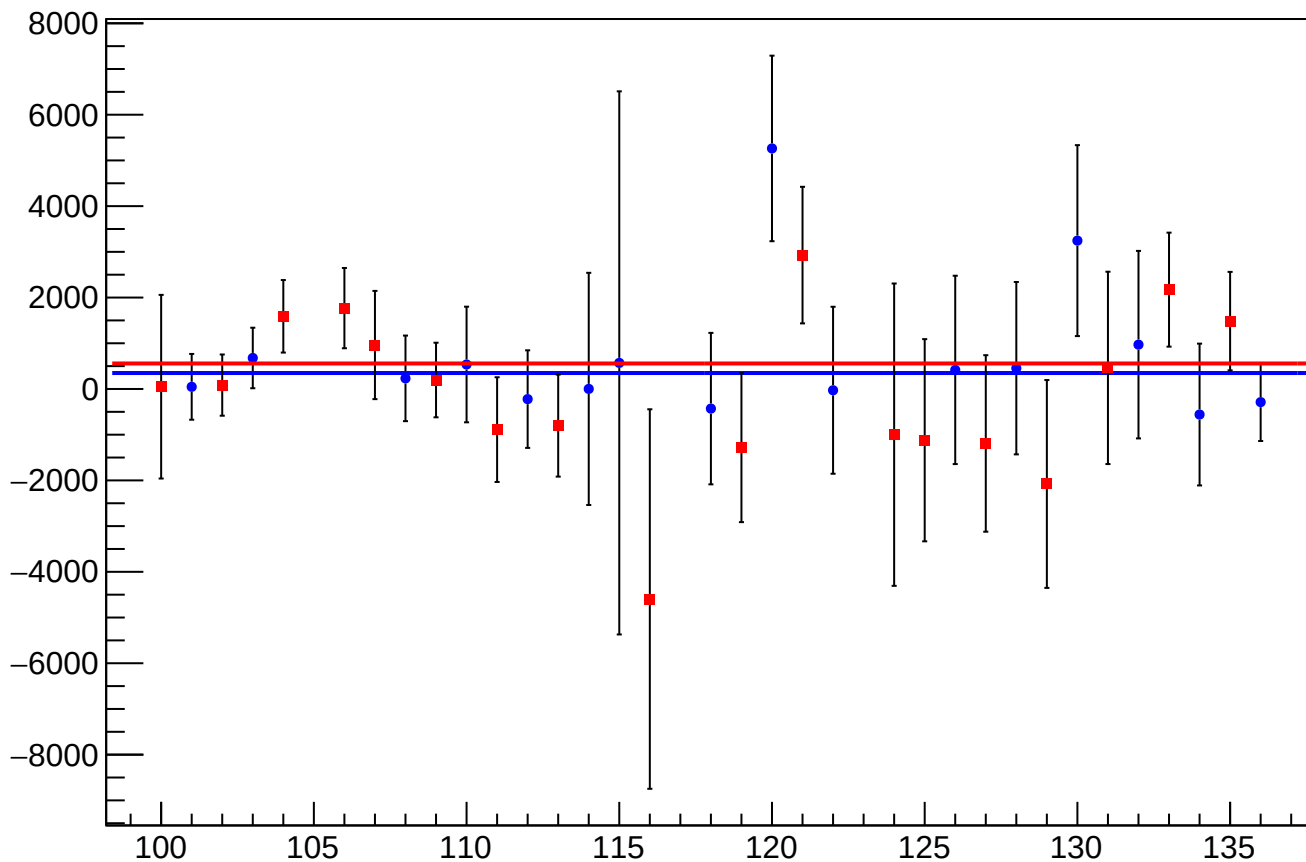
Right: 109.141+/-0.021 χ^2/NDF : 1896682.7/33

In: 112.843+/-0.031 χ^2/NDF :872225.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 109.141+/-0.021 χ^2/NDF : 1896682.7/33

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: 558.043 $\pm$ 282.671 χ^2 /NDF: 18.3/17

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

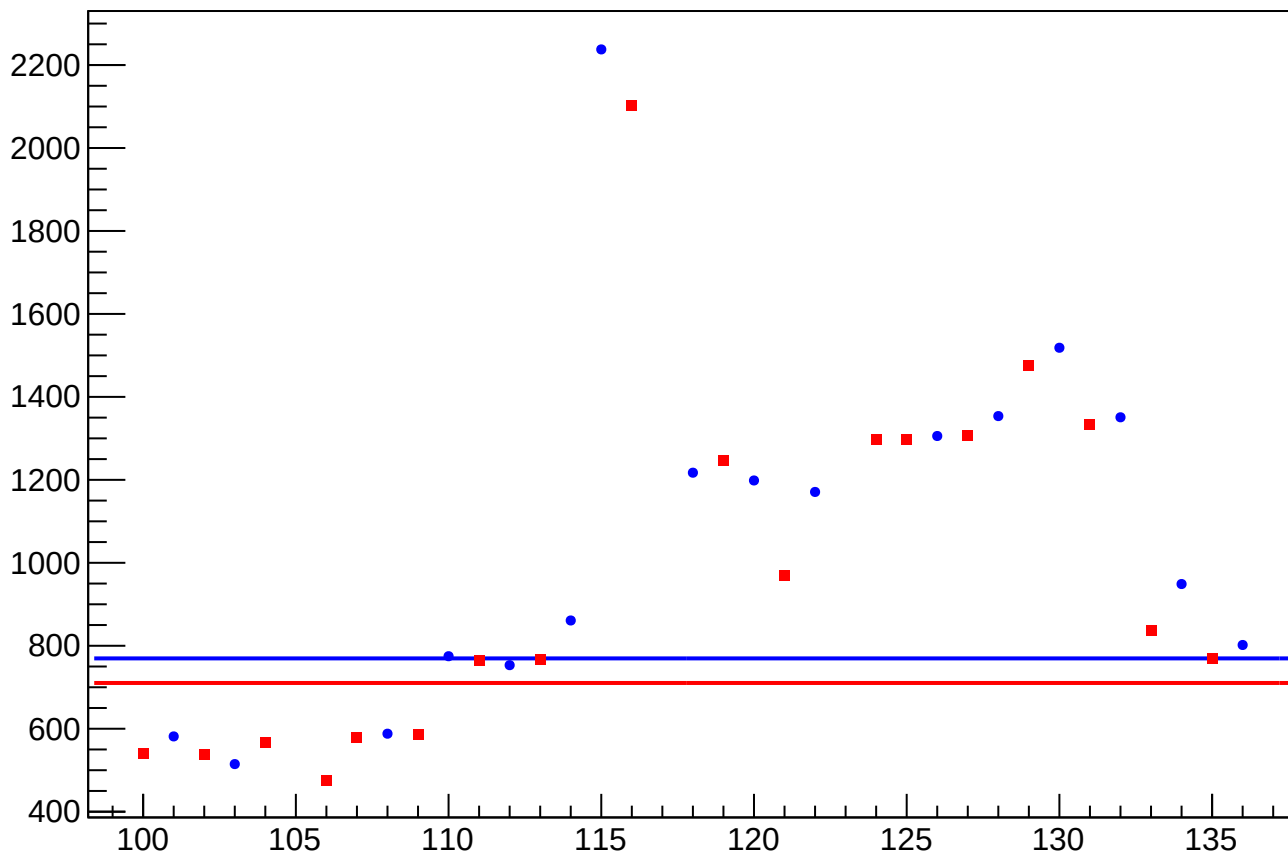
Right: 461.616 $\pm$ 207.426 χ^2 /NDF: 28.3/33

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: 461.616 $\pm$ 207.426 χ^2 /NDF: 28.3/33

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: 710.314+/-0.200 χ^2/NDF : 1761705.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

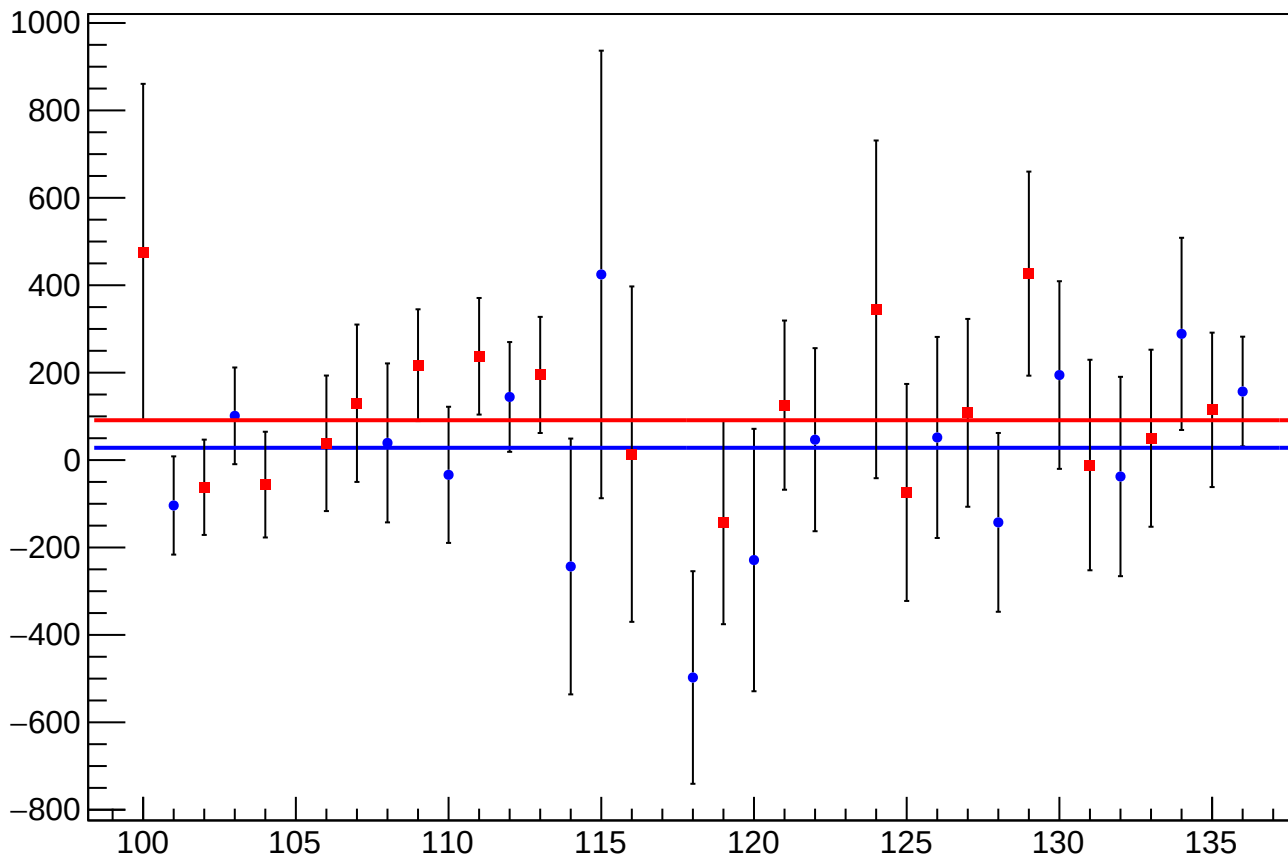
Right: 737.656+/-0.147 χ^2/NDF : 3542187.5/33

In: 769.557+/-0.216 χ^2/NDF : 1739937.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.656+/-0.147 χ^2/NDF : 3542187.5/33

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: 91.164+/-41.020 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

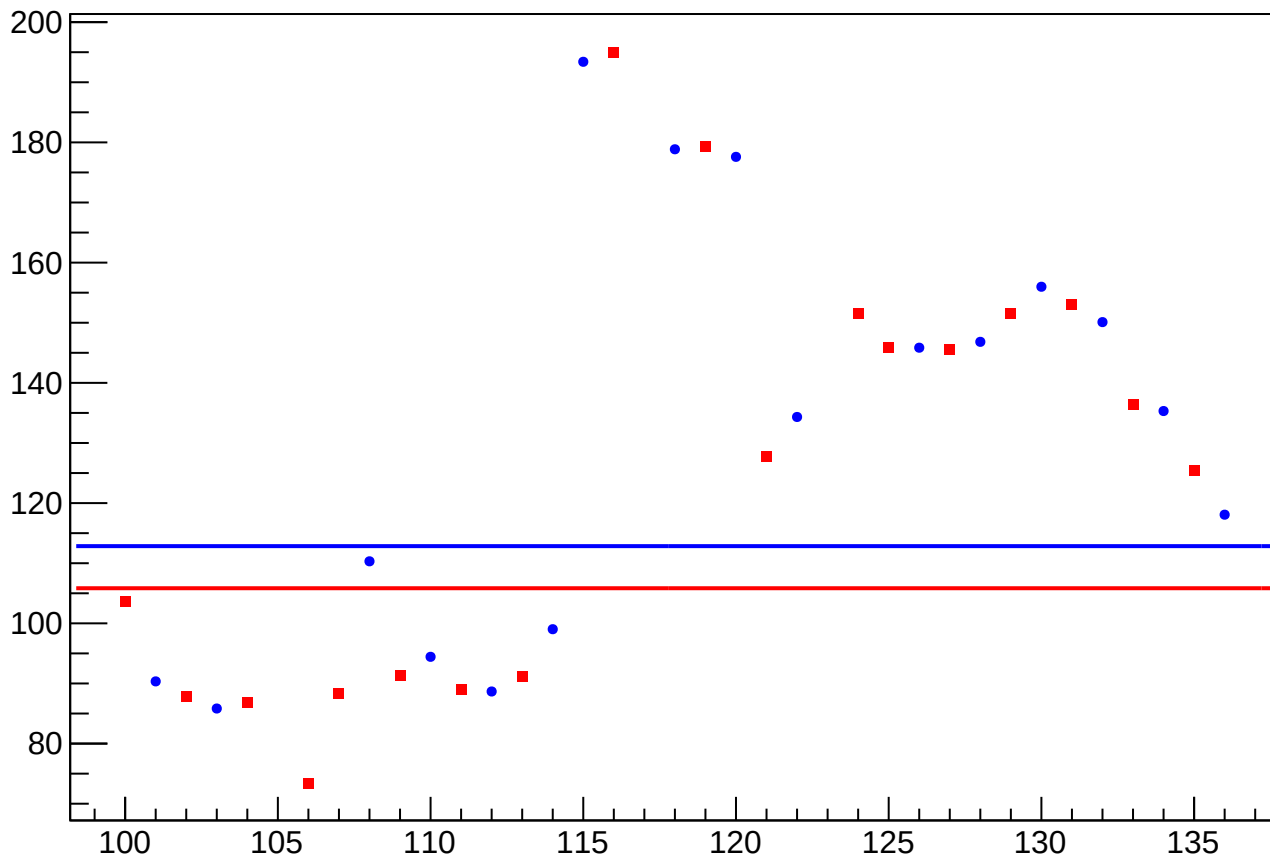
Right: 61.434+/-29.824 χ^2/NDF : 26.3/33

In: 28.093+/-43.439 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.434+/-29.824 χ^2/NDF : 26.3/33

eigen_dit_asym_sam5_rms vs Slug, Sign Corrected



Right In: 112.842+/-0.031 χ^2/NDF : 872219.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.840+/-0.029 χ^2/NDF : 996973.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

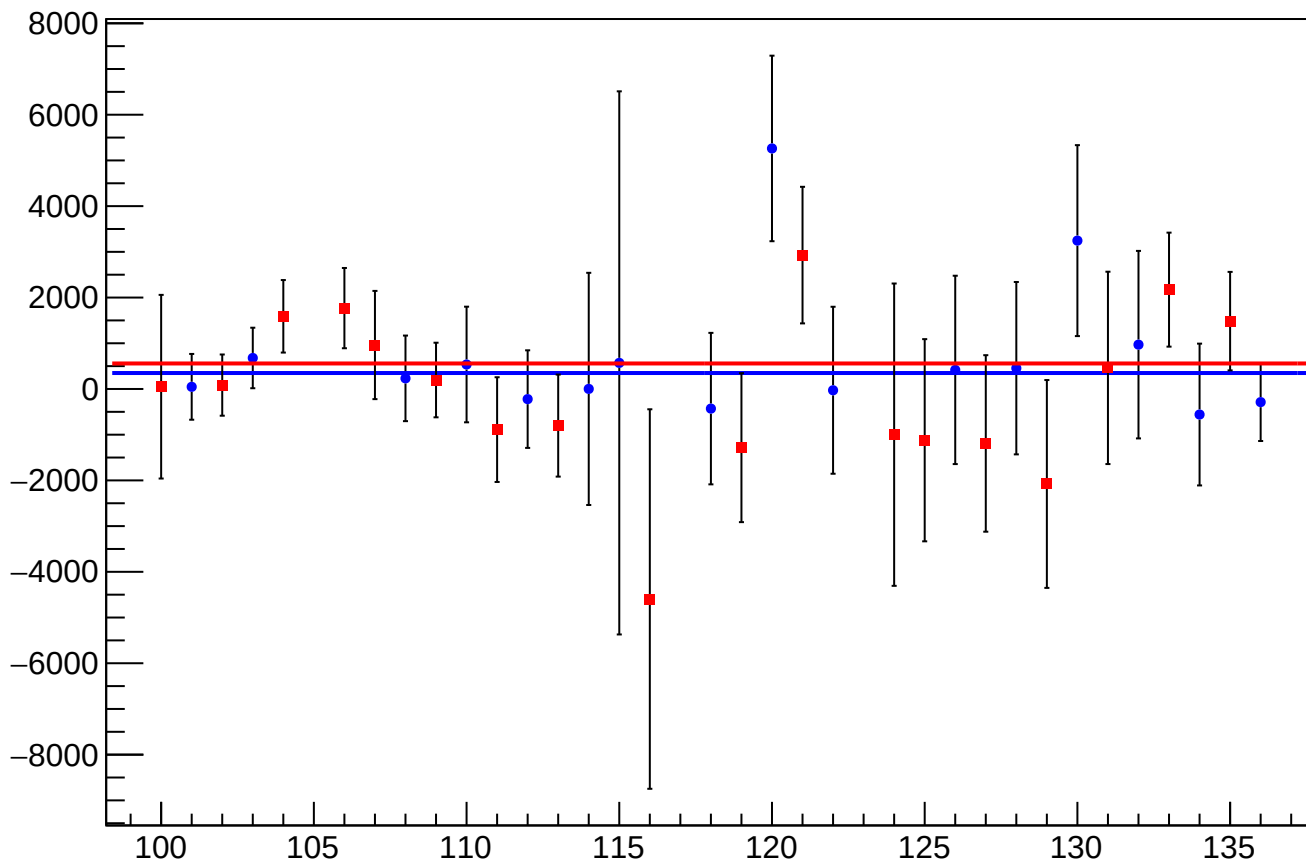
Right: 109.141+/-0.021 χ^2/NDF : 1896664.4/33

In: 112.842+/-0.031 χ^2/NDF : 872219.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.141+/-0.021 χ^2/NDF : 1896664.4/33

asym_sam5_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 349.111+/-305.328 χ^2/NDF : 9.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 558.043+/-282.671 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

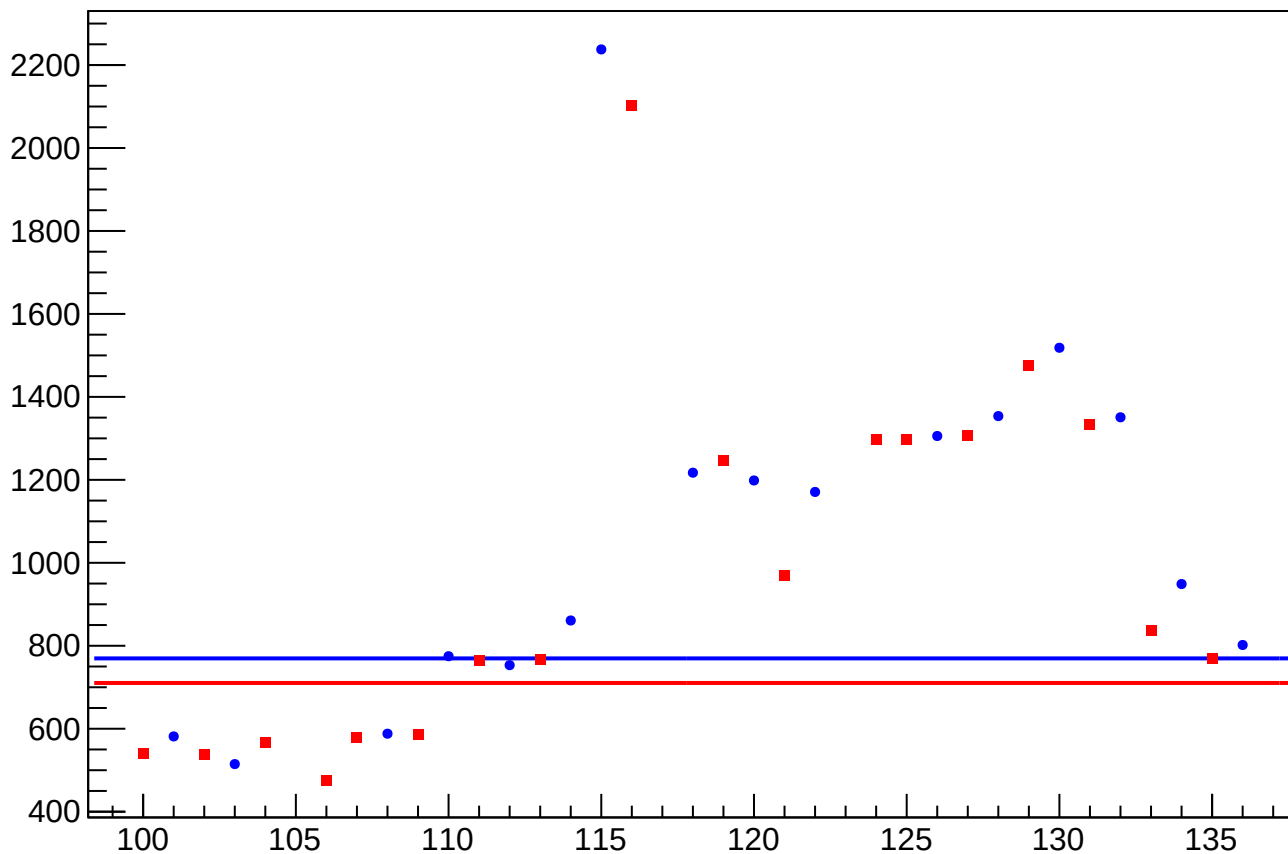
Right: 461.616+/-207.426 χ^2/NDF : 28.3/33

In: 349.111+/-305.328 χ^2/NDF : 9.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.616+/-207.426 χ^2/NDF : 28.3/33

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: 710.313+/-0.200 χ^2/NDF : 1761698.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

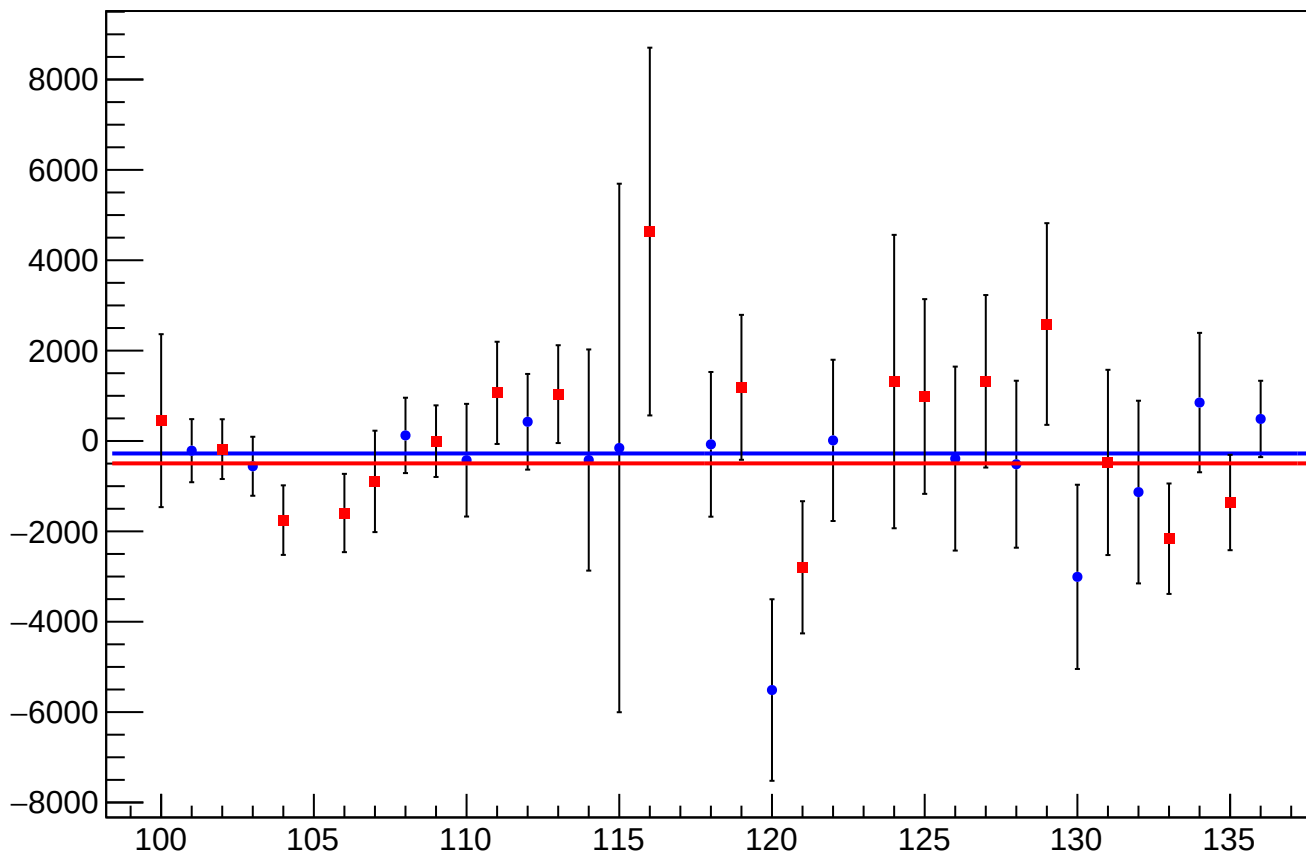
Right: 737.655+/-0.147 χ^2/NDF : 3542177.4/33

In: 769.556+/-0.216 χ^2/NDF : 1739933.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 737.655+/-0.147 χ^2/NDF : 3542177.4/33

asym_sam5_mean vs Slug, Sign Corrected



Right In: -276.199 ± 296.708 $\chi^2/\text{NDF}: 11.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -495.611 ± 276.208 $\chi^2/\text{NDF}: 20.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

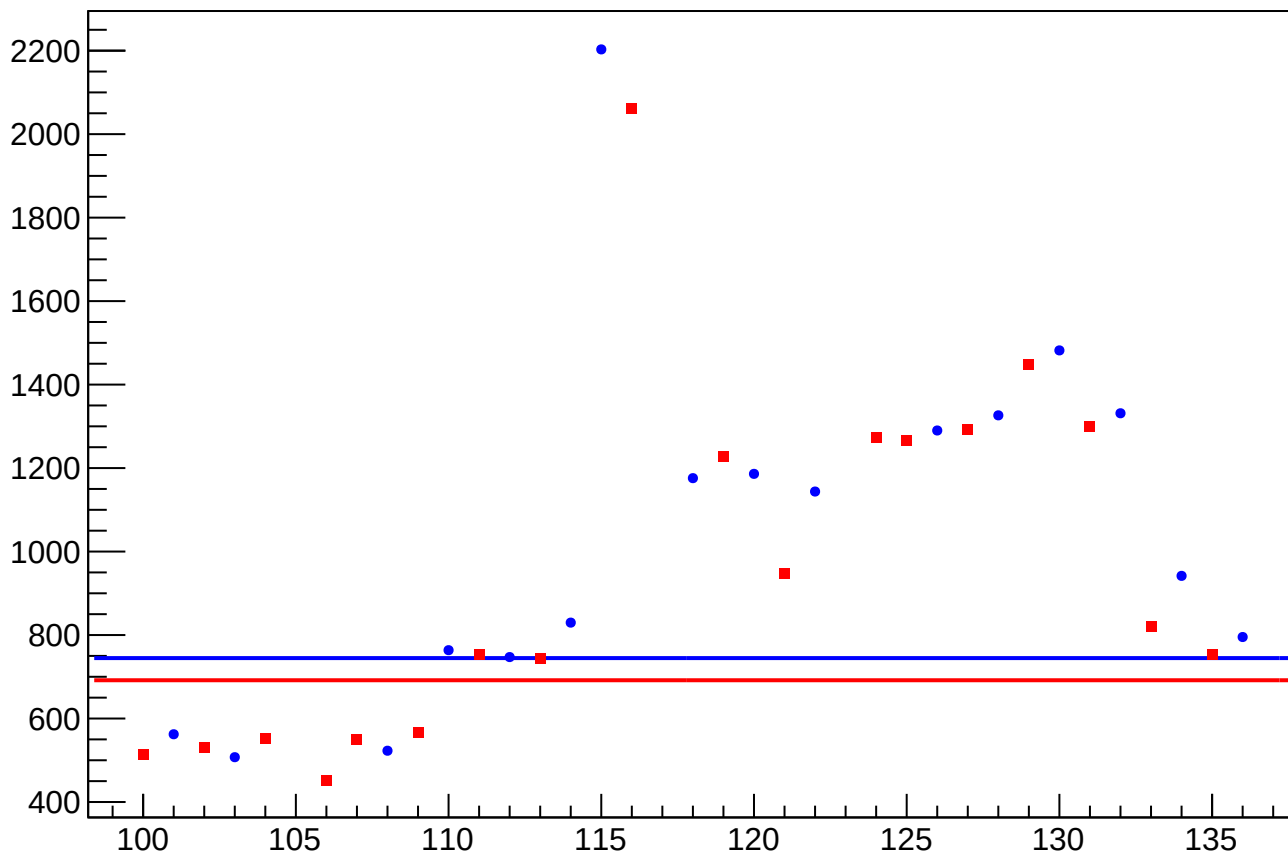
Right: -393.746 ± 202.168 $\chi^2/\text{NDF}: 31.8/33$

In: -276.199 ± 296.708 $\chi^2/\text{NDF}: 11.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -393.746 ± 202.168 $\chi^2/\text{NDF}: 31.8/33$

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: 691.693+/-0.195 χ^2/NDF : 1795764.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

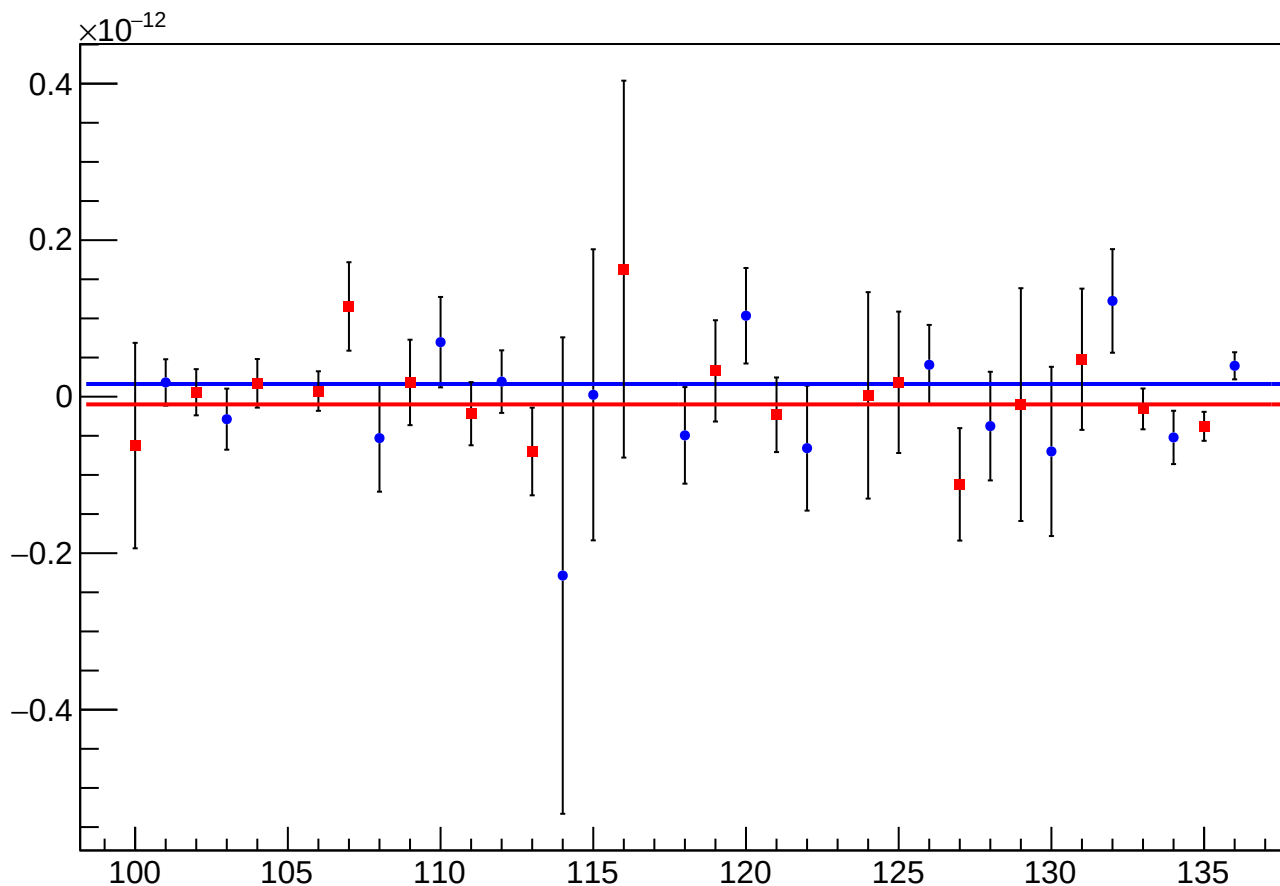
Right: 716.341+/-0.143 χ^2/NDF : 3652621.5/33

In: 744.783+/-0.210 χ^2/NDF : 1822553.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 716.341+/-0.143 χ^2/NDF : 3652621.5/33

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 : 14.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

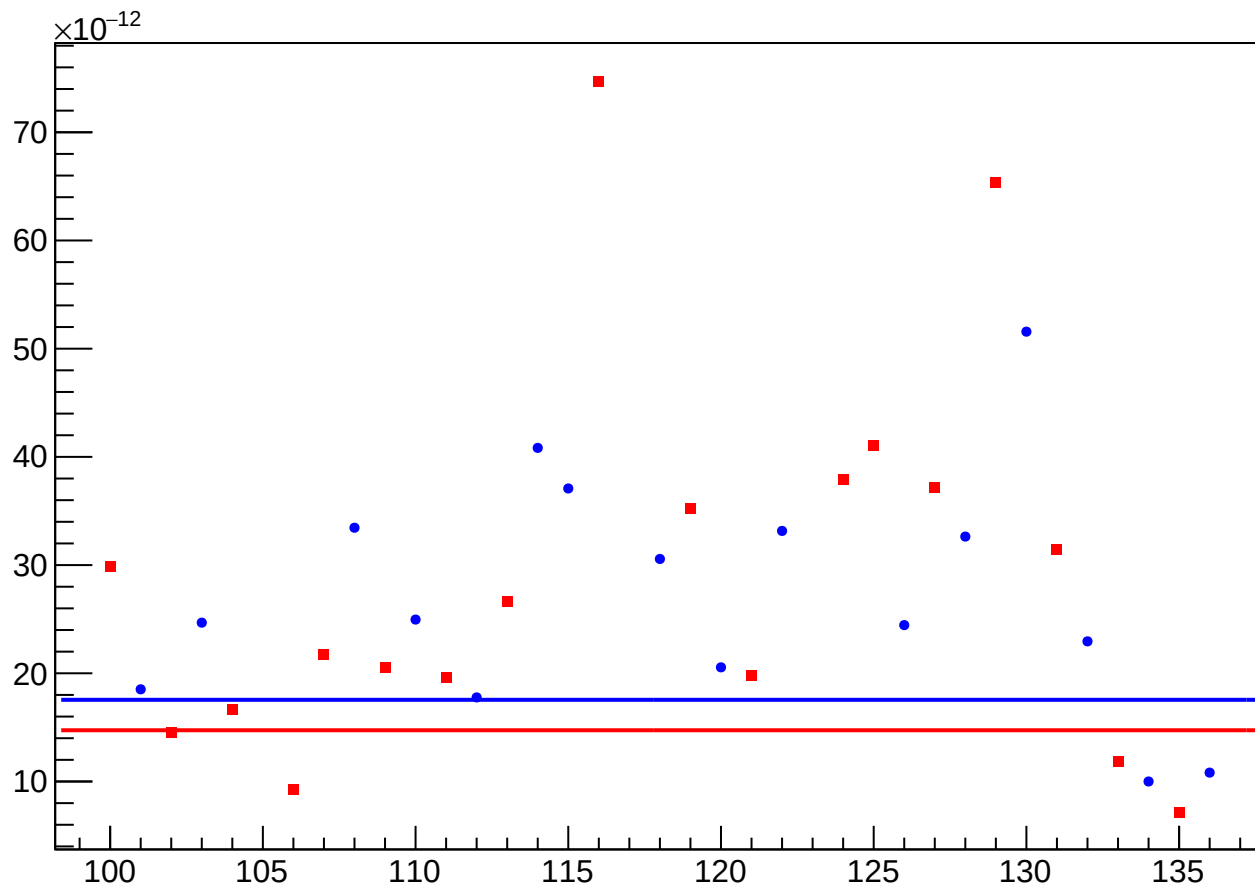
Right: 0.000+/-0.000 χ^2/NDF : 35.2/33

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 : 35.2/33

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 : 1738924.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

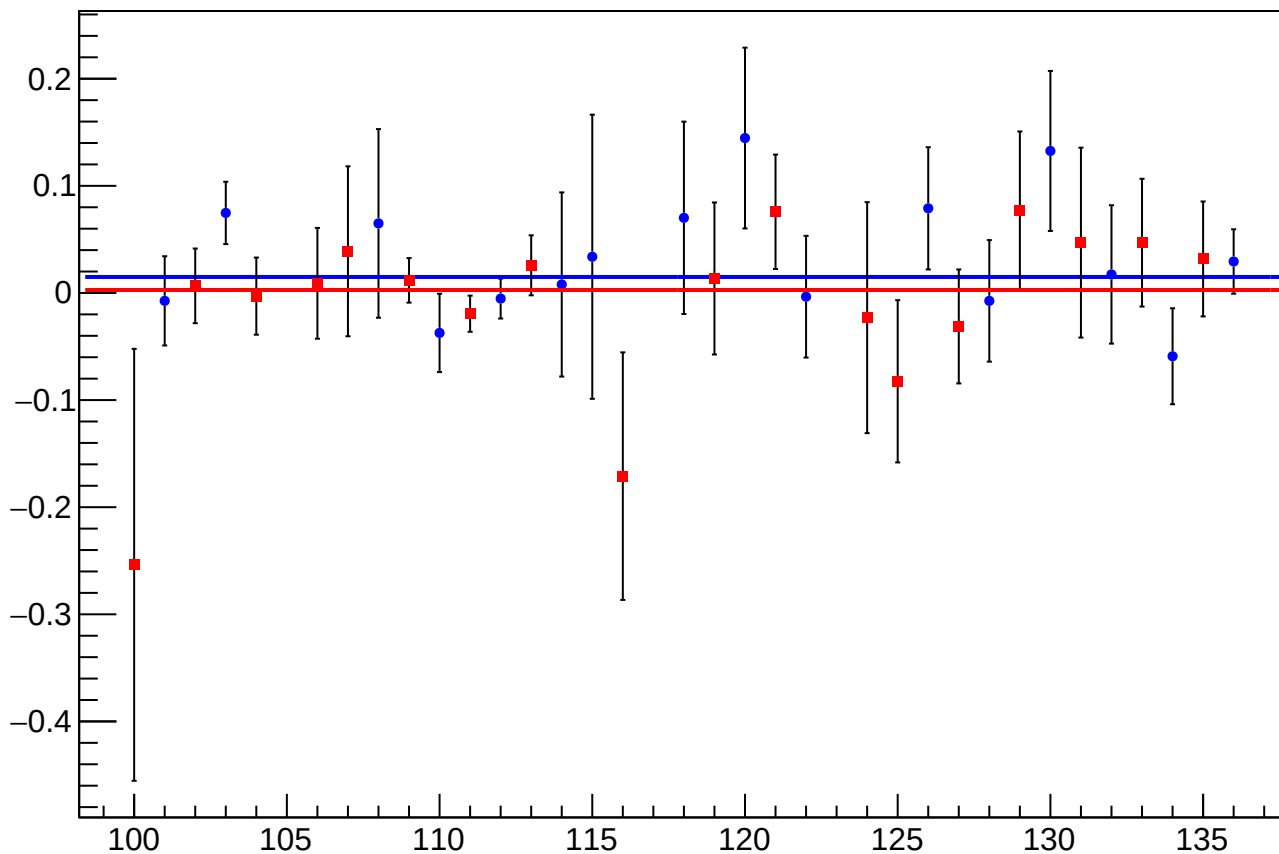
Right: 0.000+/-0.000 χ^2/NDF : 2972713.8/33

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 : 2972713.8/33

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 : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

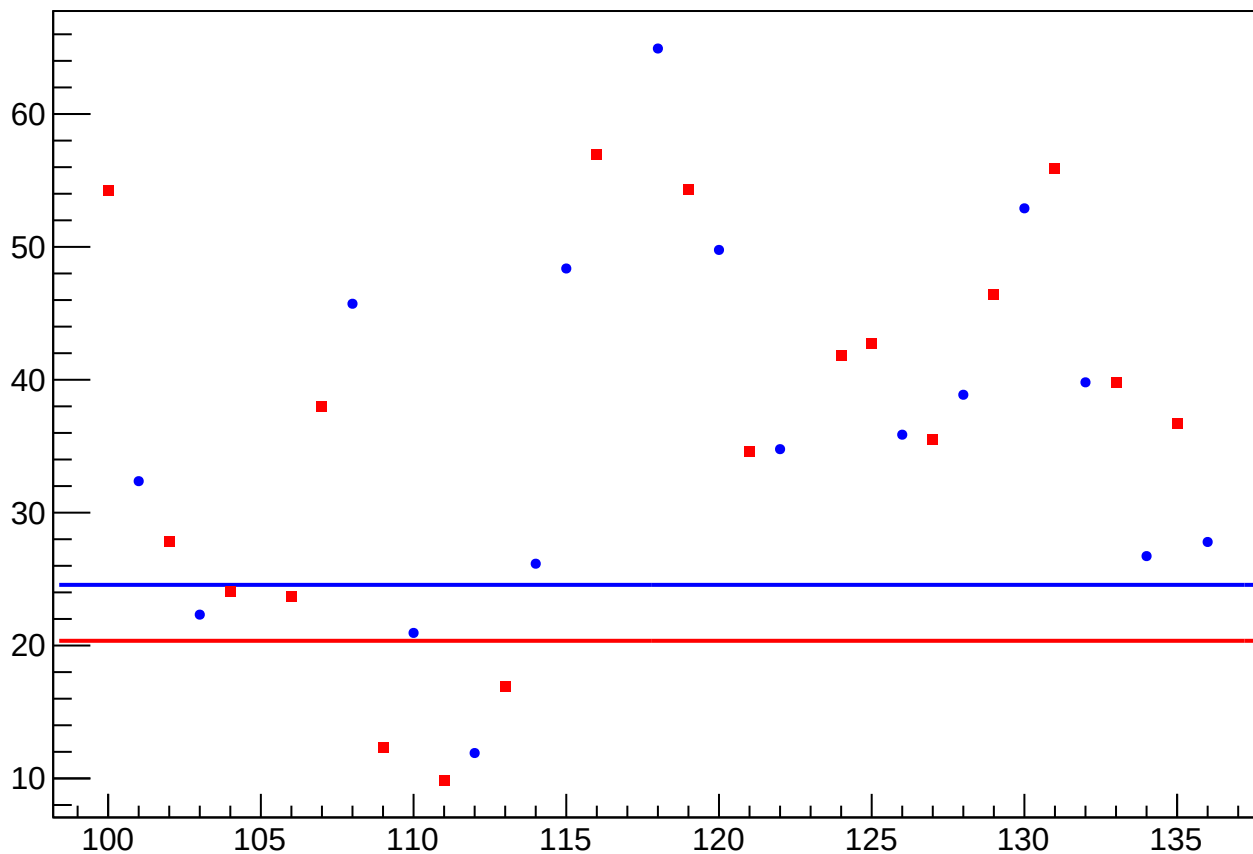
Right: 0.008+/-0.007 χ^2/NDF : 31.0/33

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 : 31.0/33

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: 20.357+/-0.007 χ^2/NDF : 3569295.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

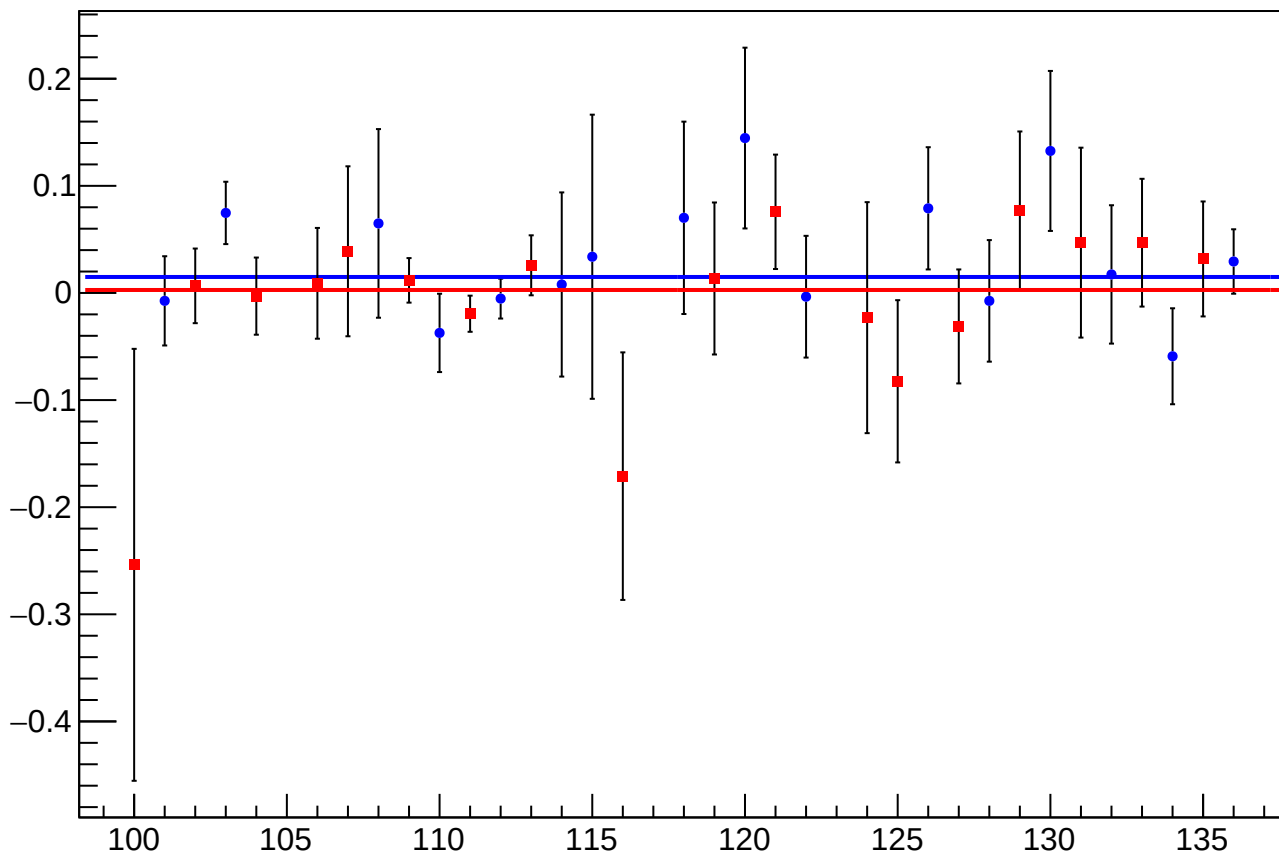
Right: 22.202+/-0.005 χ^2/NDF : 6231404.3/33

In: 24.566+/-0.007 χ^2/NDF : 2484530.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.202+/-0.005 χ^2/NDF : 6231404.3/33

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 : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

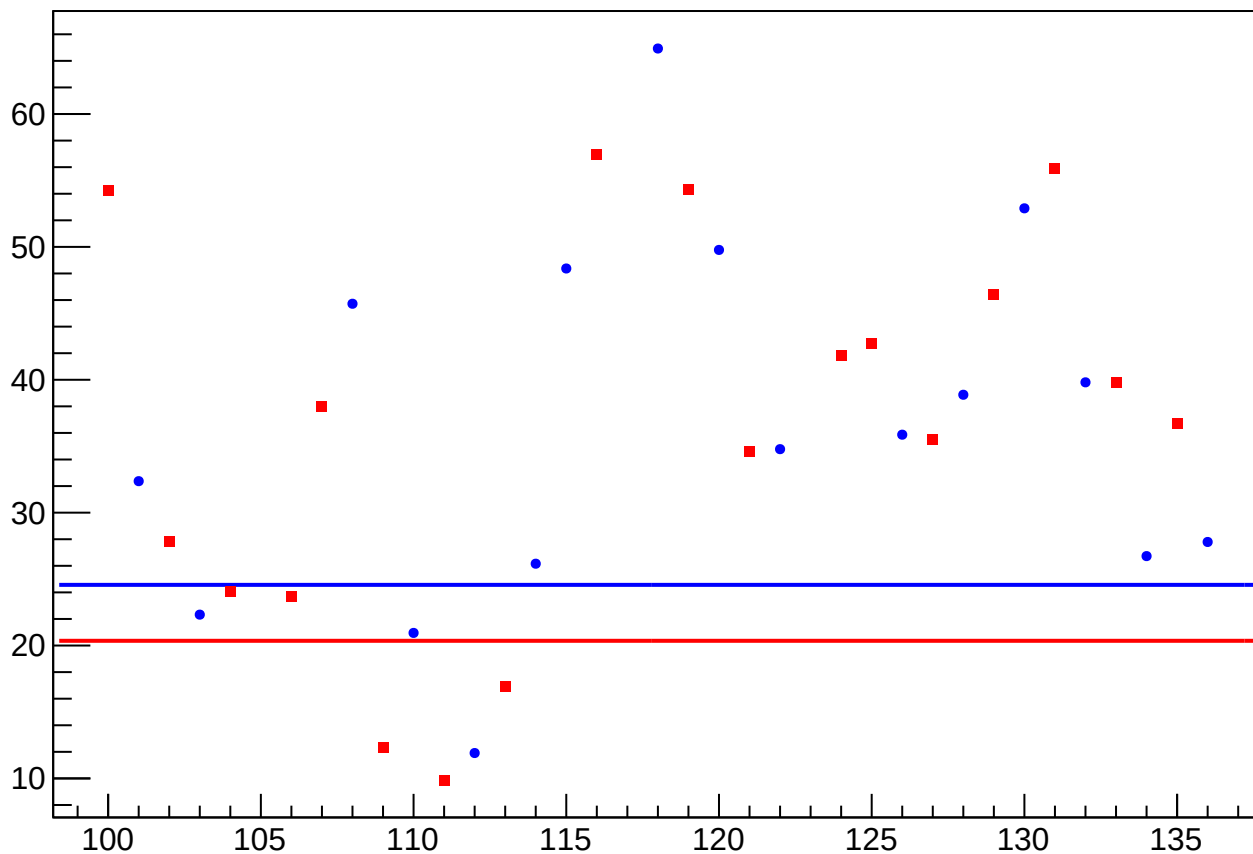
Right: 0.008+/-0.007 χ^2/NDF : 31.0/33

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 : 31.0/33

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: 20.357+/-0.007 χ^2/NDF : 3569295.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

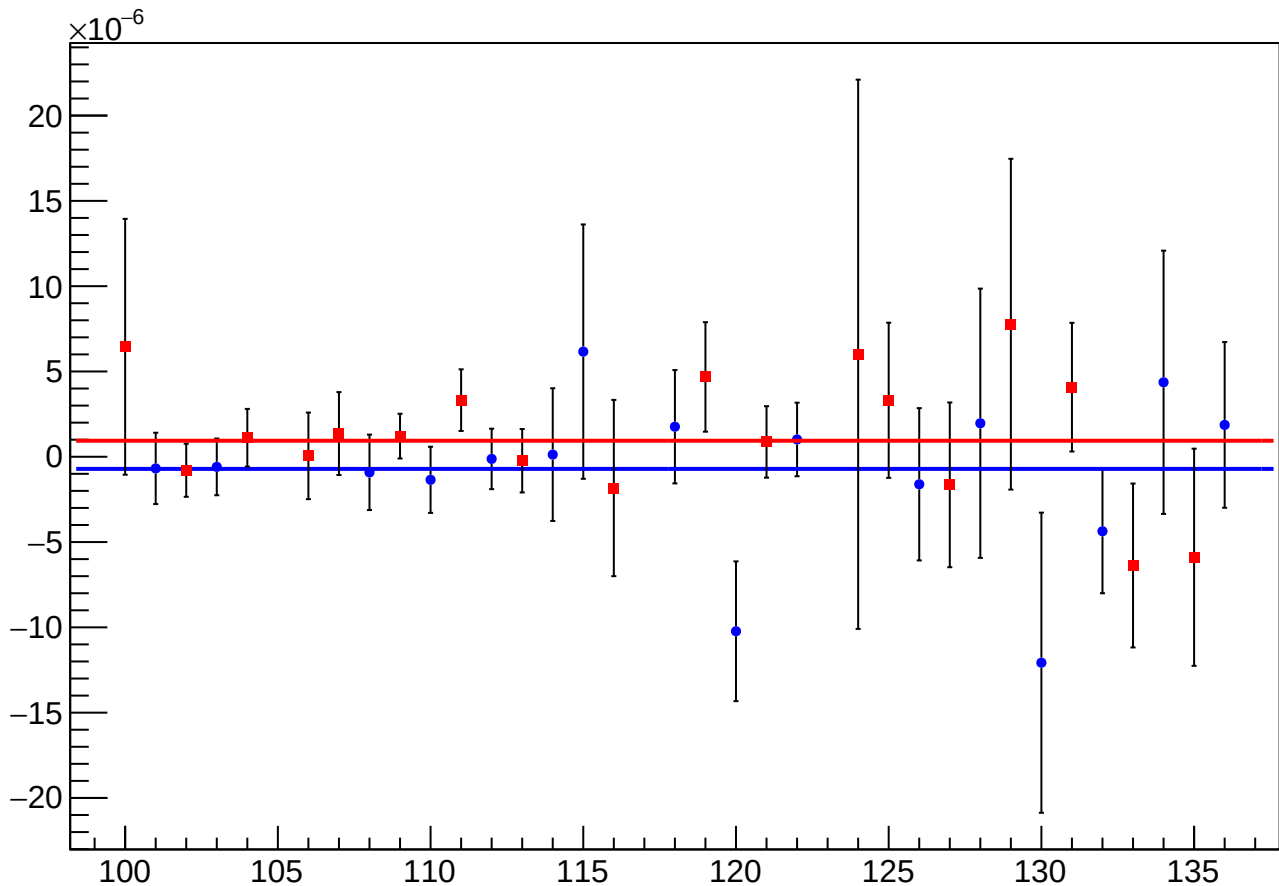
Right: 22.202+/-0.005 χ^2/NDF : 6231404.3/33

In: 24.566+/-0.007 χ^2/NDF : 2484530.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.202+/-0.005 χ^2/NDF : 6231404.3/33

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 : 11.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

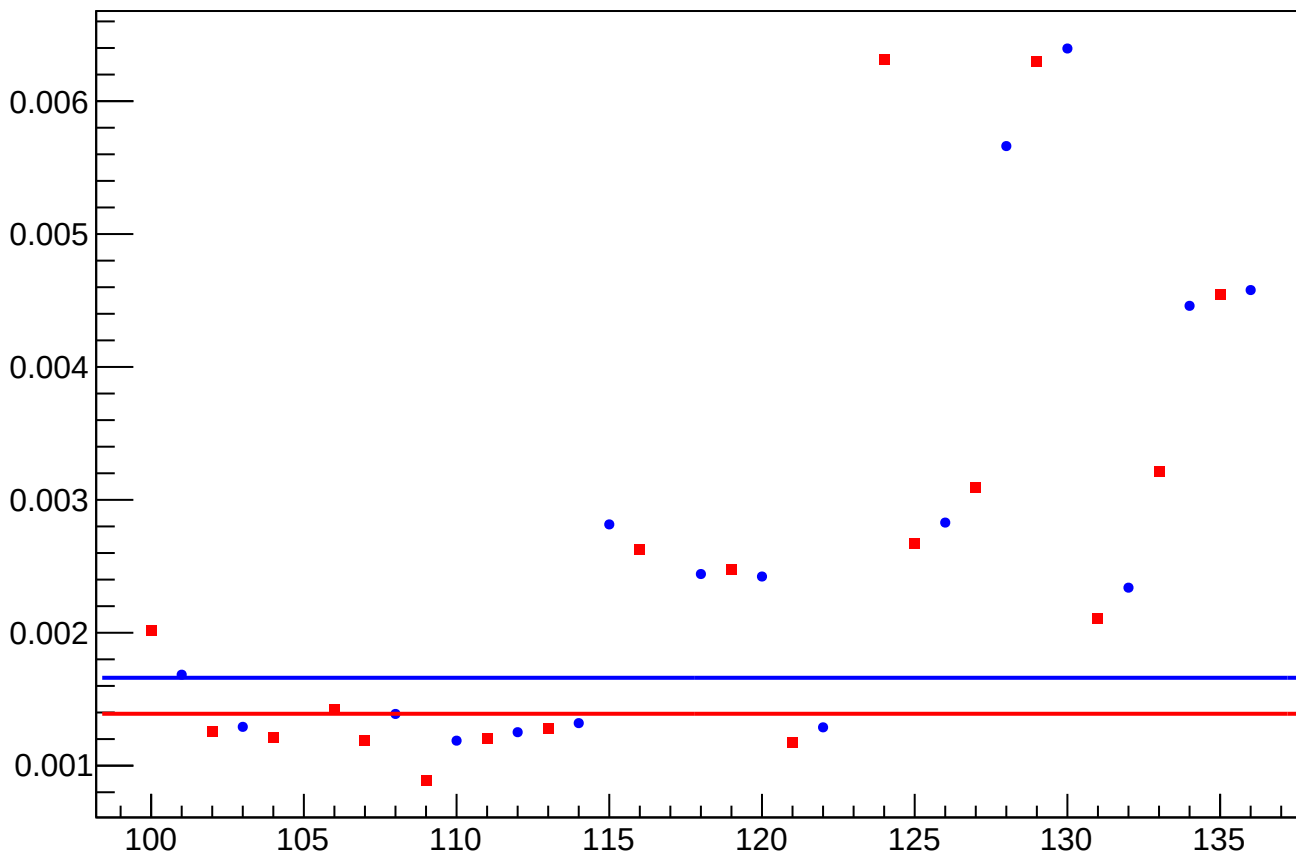
Right: 0.000+/-0.000 χ^2/NDF : 25.6/33

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 : 25.6/33

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 : 2710032.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

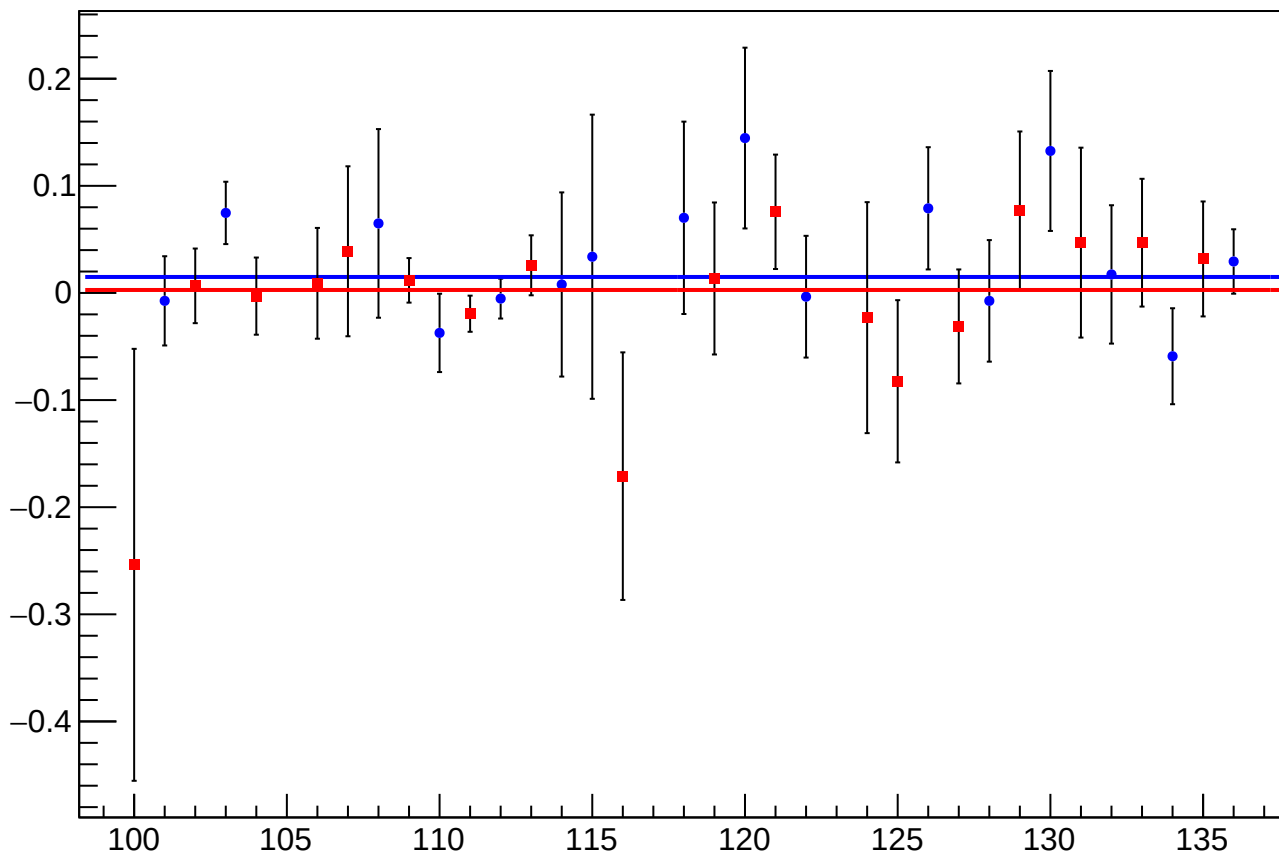
Right: 0.002+/-0.000 χ^2/NDF : 5827579.7/33

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 : 5827579.7/33

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 : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

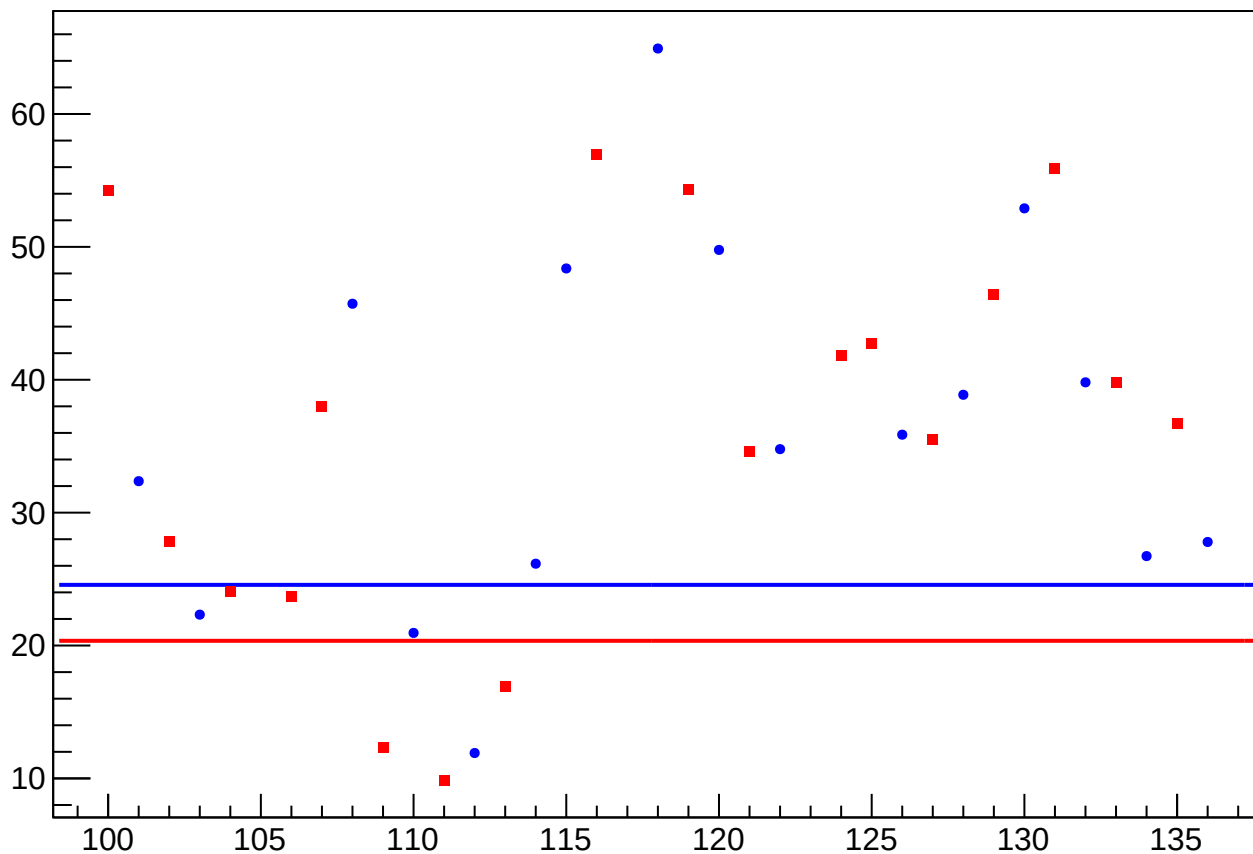
Right: 0.008+/-0.007 χ^2/NDF : 31.0/33

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 : 31.0/33

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: 20.356+/-0.007 χ^2/NDF : 3569247.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

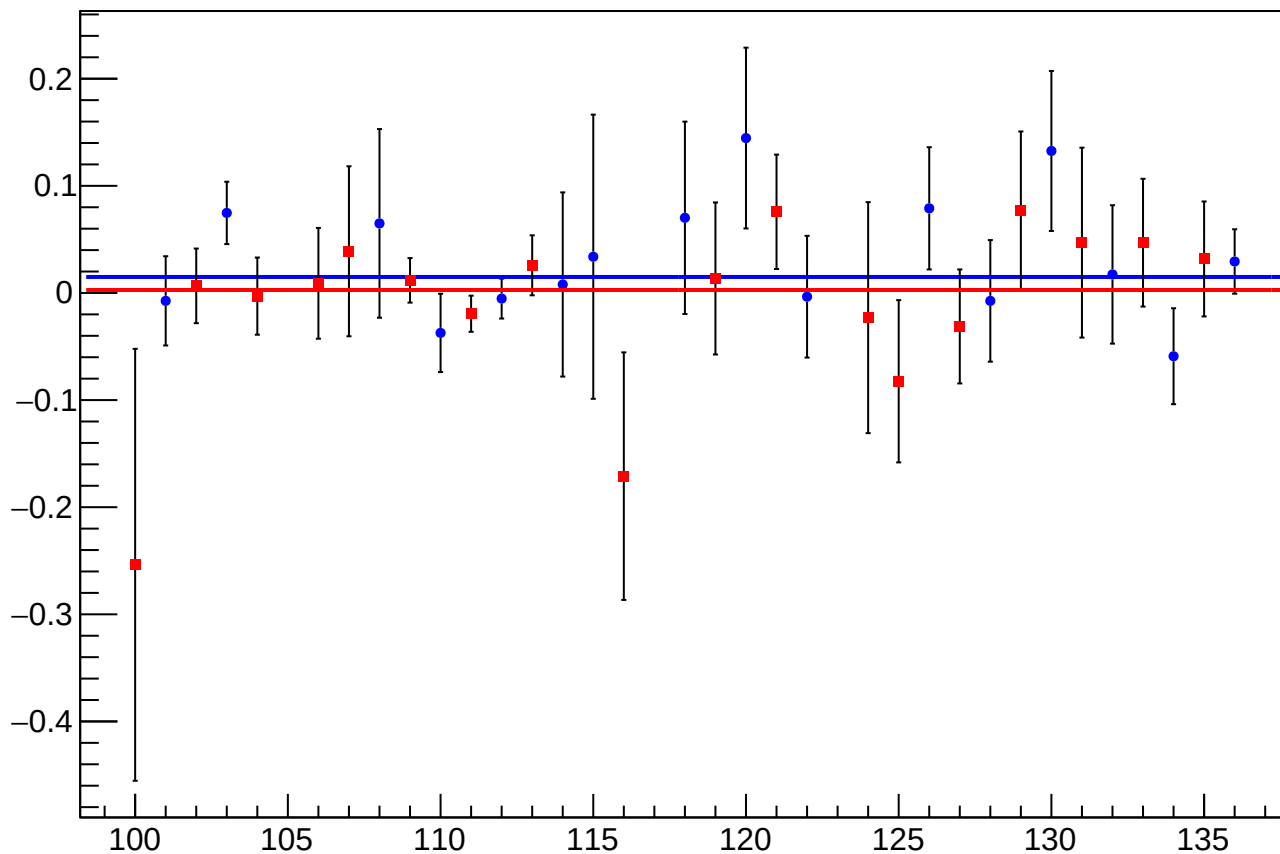
Right: 22.201+/-0.005 χ^2/NDF : 6231268.8/33

In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.201+/-0.005 χ^2/NDF : 6231268.8/33

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 : 12.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

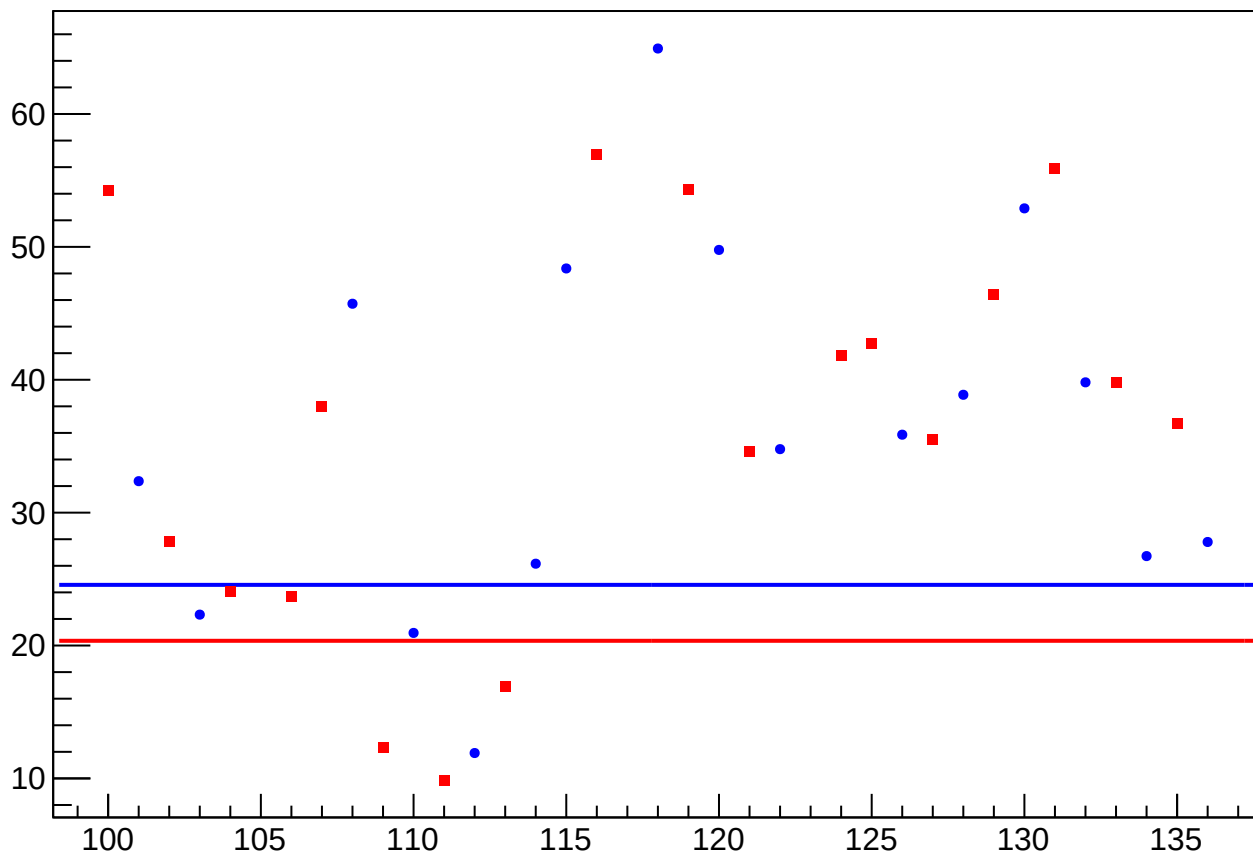
Right: 0.008+/-0.007 χ^2/NDF : 31.0/33

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 : 31.0/33

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: 20.356+/-0.007 χ^2/NDF : 3569247.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

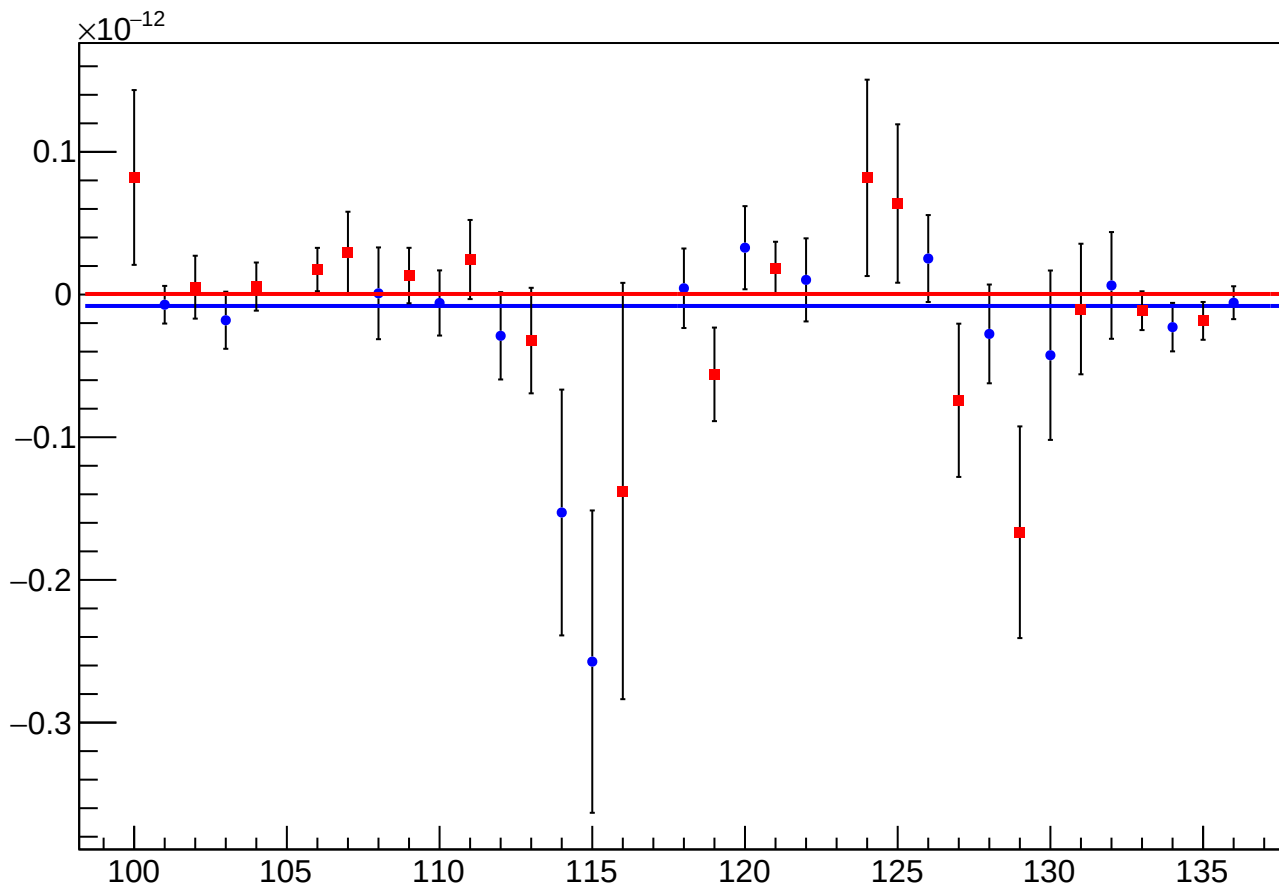
Right: 22.201+/-0.005 χ^2/NDF : 6231268.8/33

In: 24.566+/-0.007 χ^2/NDF : 2484434.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.201+/-0.005 χ^2/NDF : 6231268.8/33

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 : 23.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

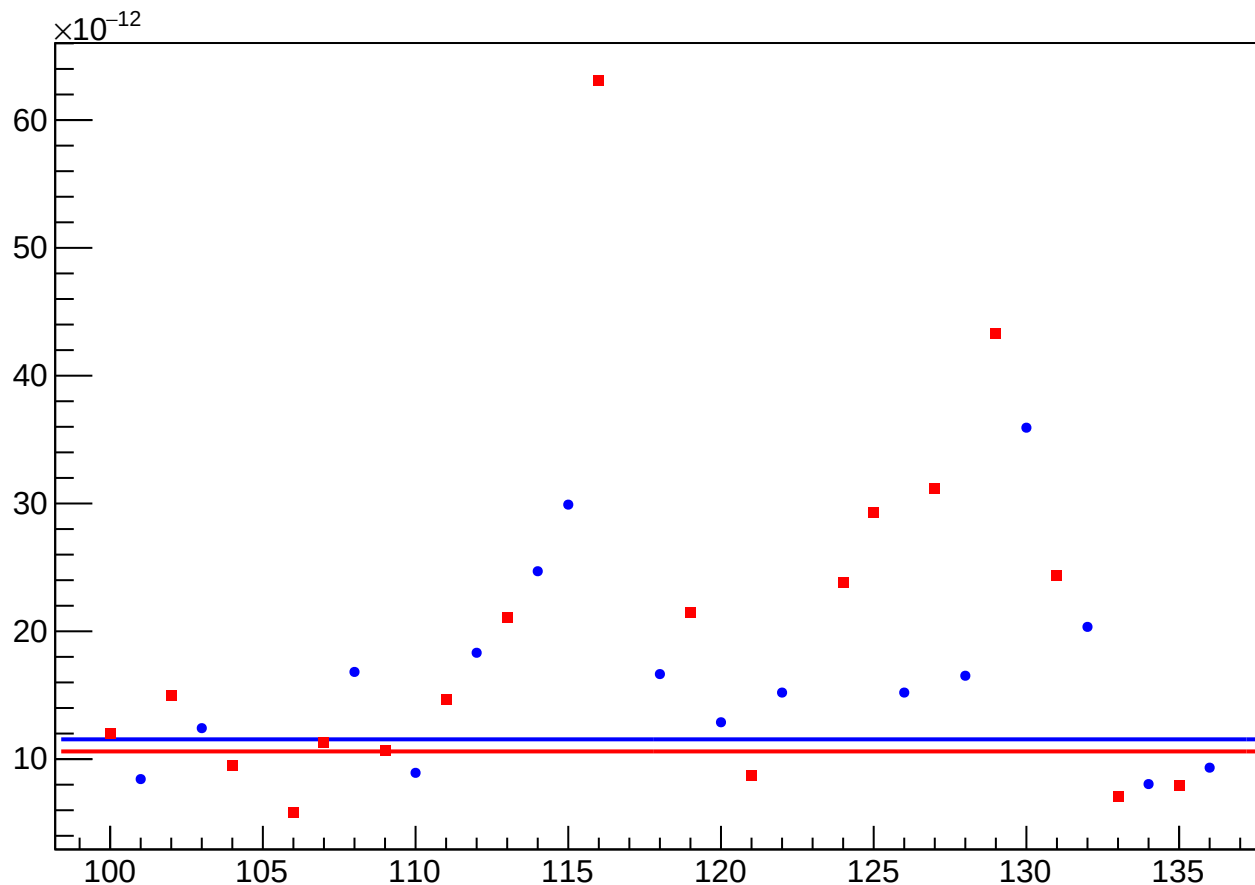
Right: -0.000+/-0.000 χ^2/NDF : 39.1/33

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 : 39.1/33

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 : 2371424.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

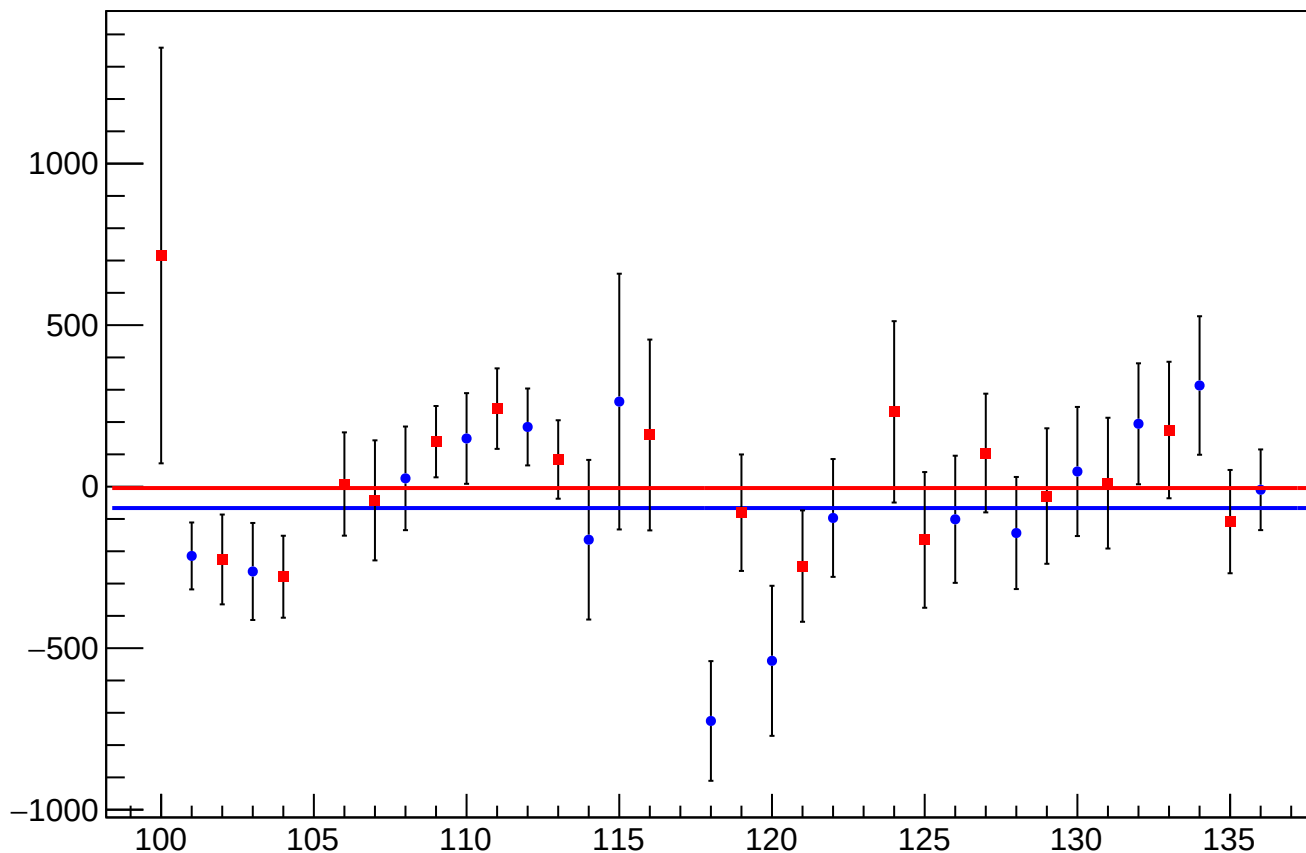
Right: 0.000+/-0.000 χ^2/NDF : 3579318.1/33

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 : 3579318.1/33

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: -4.306 $\pm$ 39.280 χ^2 /NDF: 19.9/17

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

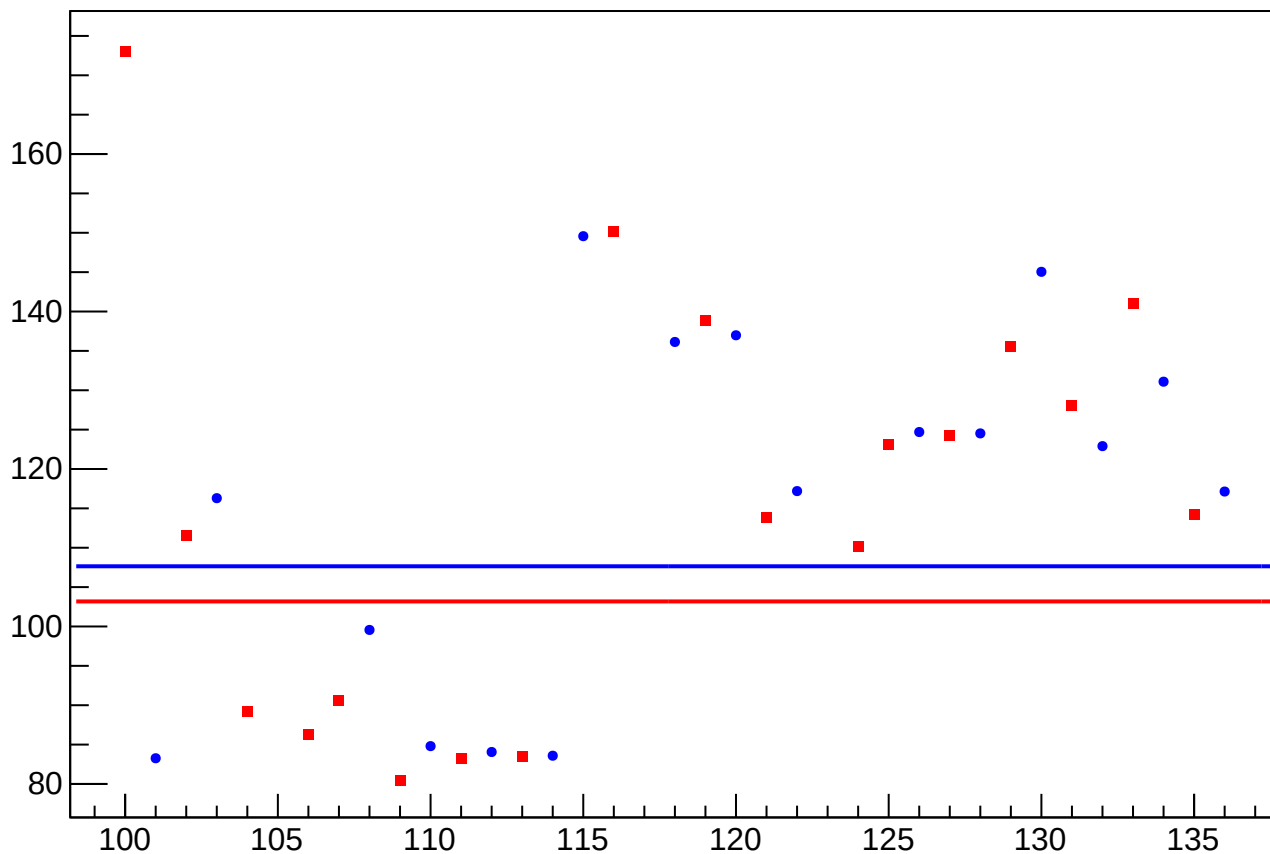
Right: -33.989 $\pm$ 28.343 χ^2 /NDF: 55.5/33

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: -33.989 $\pm$ 28.343 χ^2 /NDF: 55.5/33

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: 103.181 ± 0.028 χ^2/NDF : 608949.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

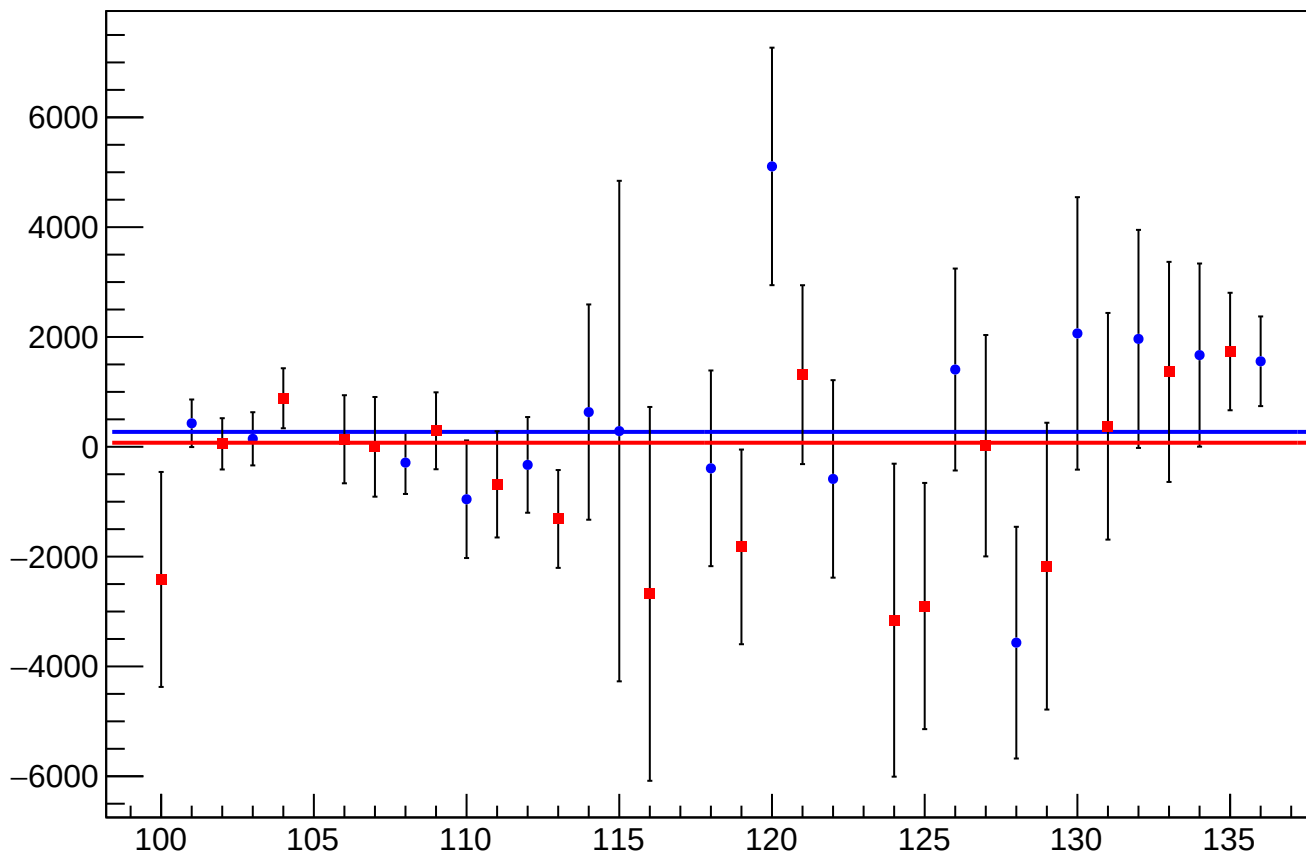
Right: 105.321 ± 0.020 χ^2/NDF : 1154146.1/33

In: 107.644 ± 0.029 χ^2/NDF : 532821.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.321 ± 0.020 χ^2/NDF : 1154146.1/33

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: 73.867 $\pm$ 234.495 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

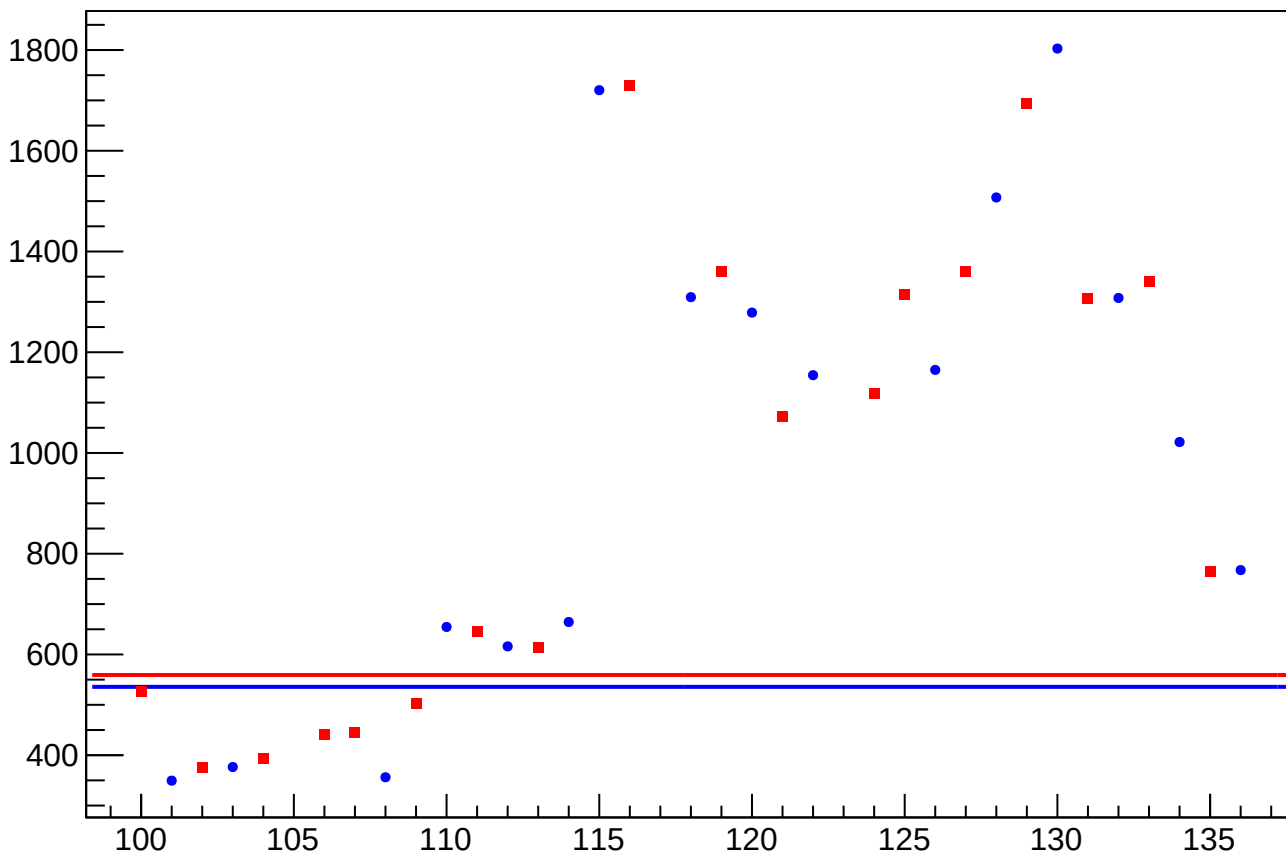
Right: 174.314 $\pm$ 164.441 χ^2 /NDF: 32.8/33

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: 174.314 $\pm$ 164.441 χ^2 /NDF: 32.8/33

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: 559.234+/-0.166 χ^2/NDF : 3087163.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

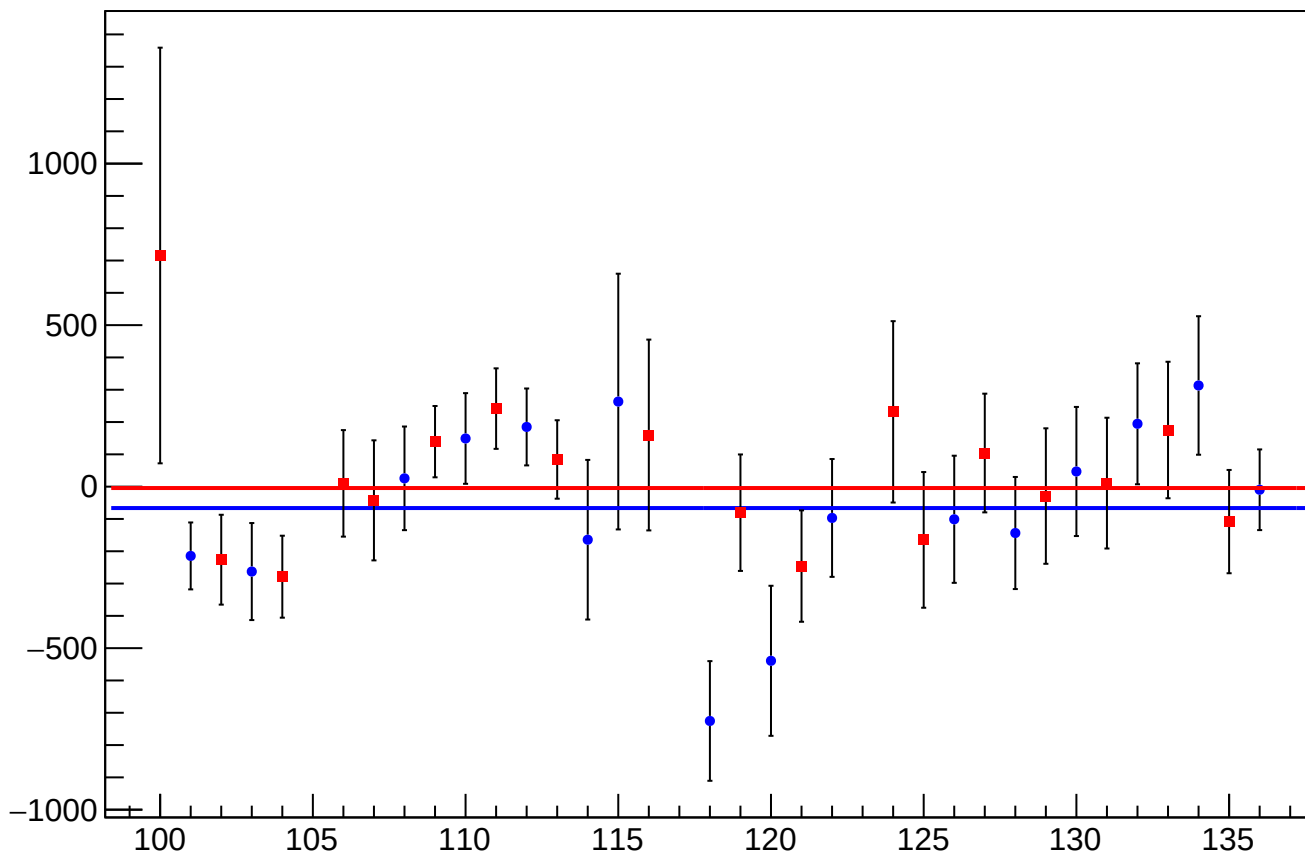
Right: 547.265+/-0.116 χ^2/NDF : 6729806.6/33

In: 535.683+/-0.163 χ^2/NDF : 3632390.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.265+/-0.116 χ^2/NDF : 6729806.6/33

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: -4.283 $\pm$ 39.353 χ^2 /NDF: 19.9/17

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

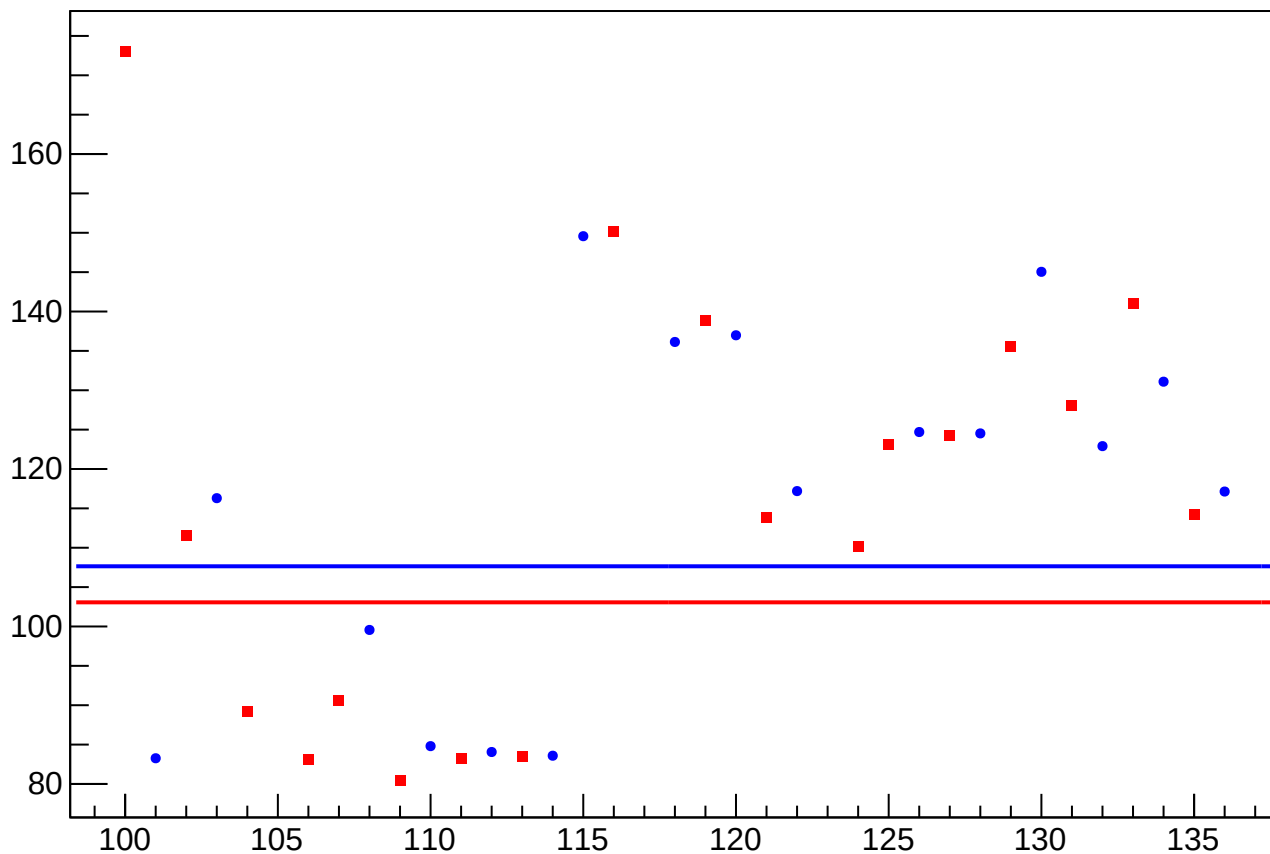
Right: -34.047 $\pm$ 28.370 χ^2 /NDF: 55.5/33

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: -34.047 $\pm$ 28.370 χ^2 /NDF: 55.5/33

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: 103.065 ± 0.028 χ^2/NDF : 616244.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

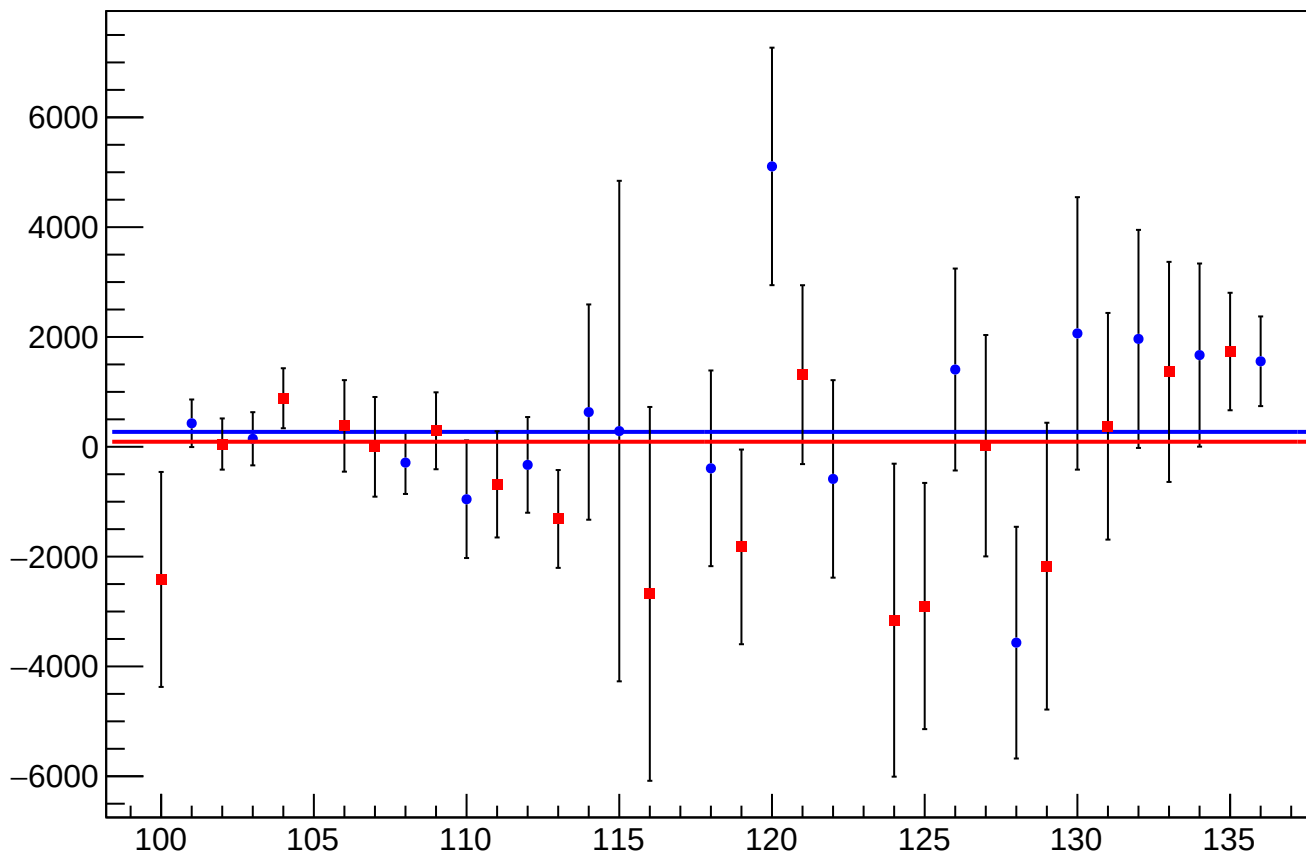
Right: 105.264 ± 0.020 χ^2/NDF : 1162069.9/33

In: 107.644 ± 0.029 χ^2/NDF : 532822.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.264 ± 0.020 χ^2/NDF : 1162069.9/33

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: 91.947 $\pm$ 235.141 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

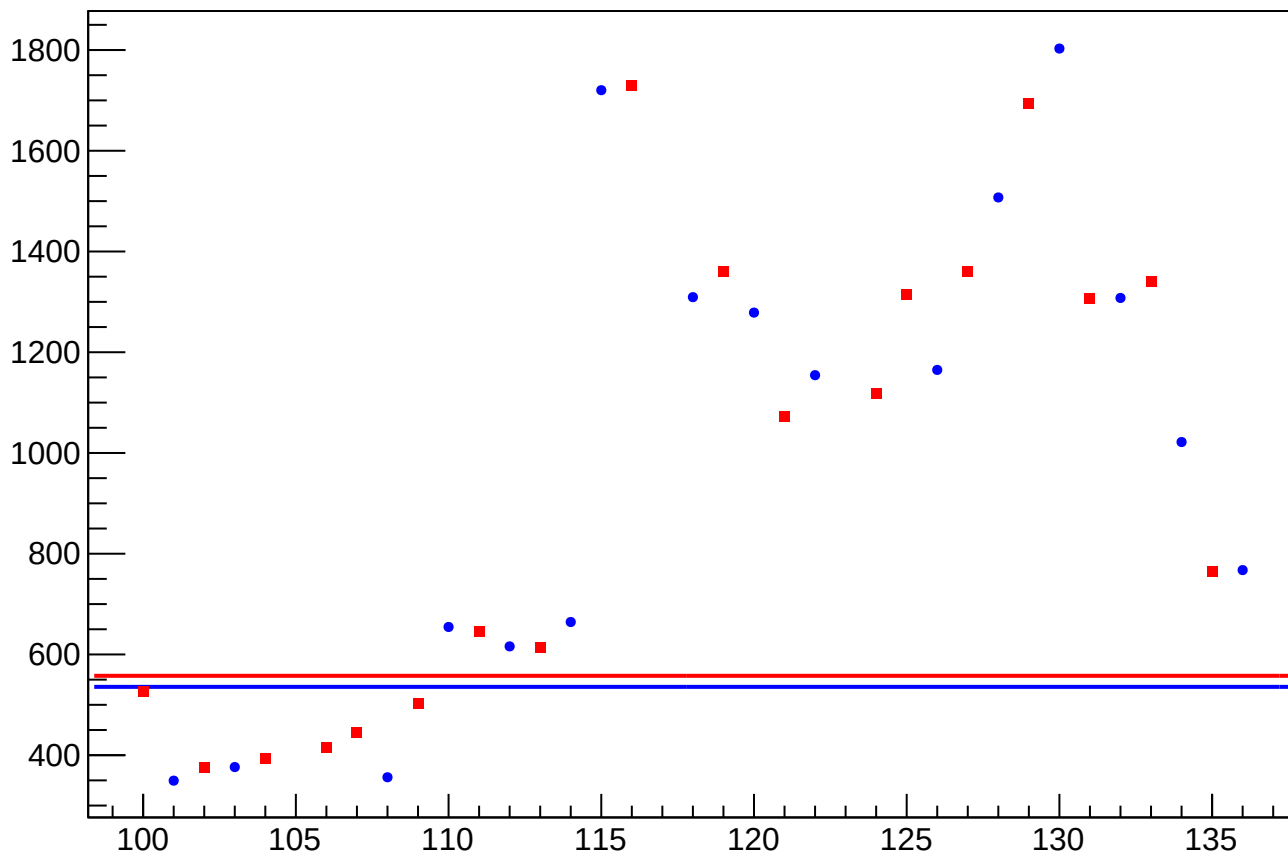
Right: 183.526 $\pm$ 164.661 χ^2 /NDF: 32.9/33

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: 183.526 $\pm$ 164.661 χ^2 /NDF: 32.9/33

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: 557.607+/-0.166 χ^2/NDF : 3106465.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

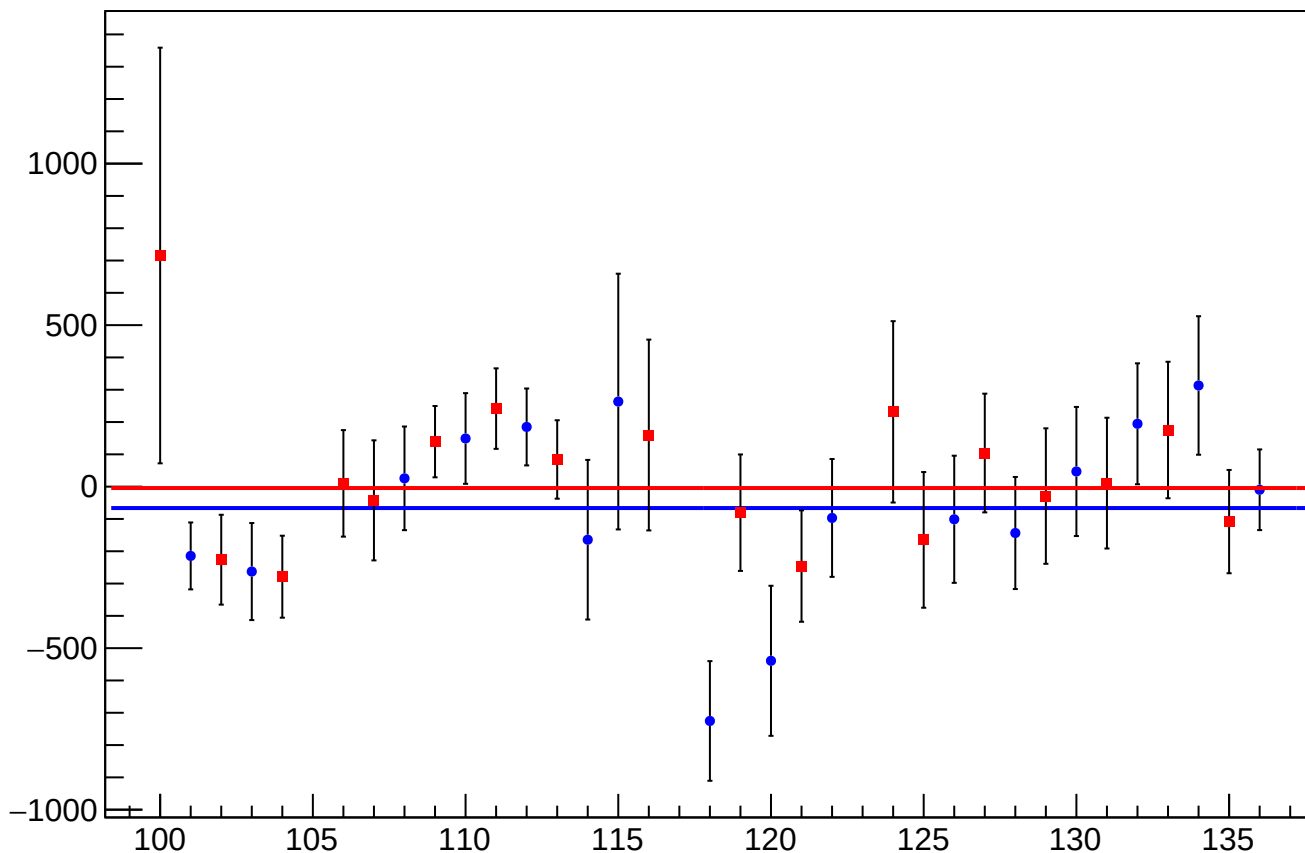
Right: 546.423+/-0.116 χ^2/NDF : 6747934.3/33

In: 535.661+/-0.163 χ^2/NDF : 3632591.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.423+/-0.116 χ^2/NDF : 6747934.3/33

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: -4.283 $\pm$ 39.353 χ^2/NDF : 19.9/17

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

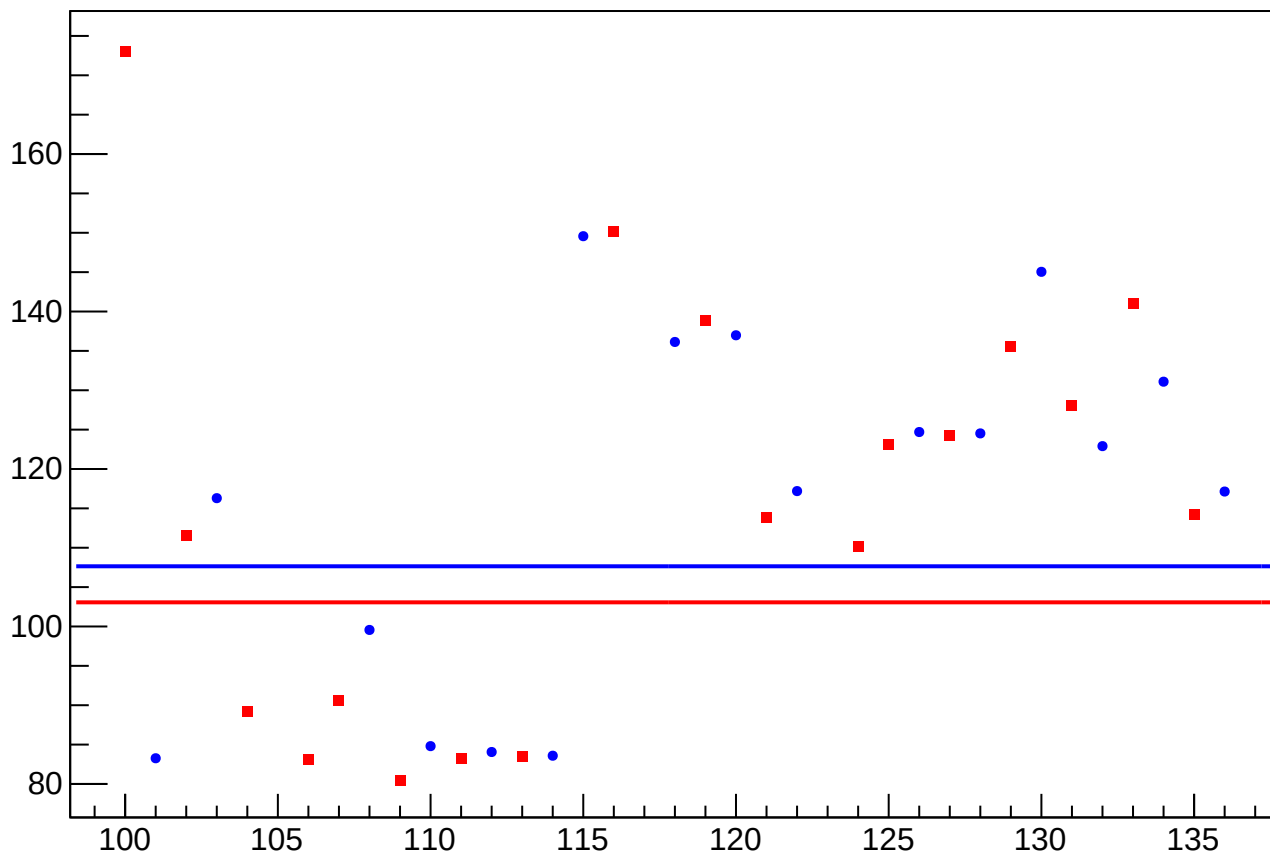
Right: -34.047 $\pm$ 28.370 χ^2/NDF : 55.5/33

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: -34.047 $\pm$ 28.370 χ^2/NDF : 55.5/33

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: 103.065+/-0.028 χ^2/NDF : 616244.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

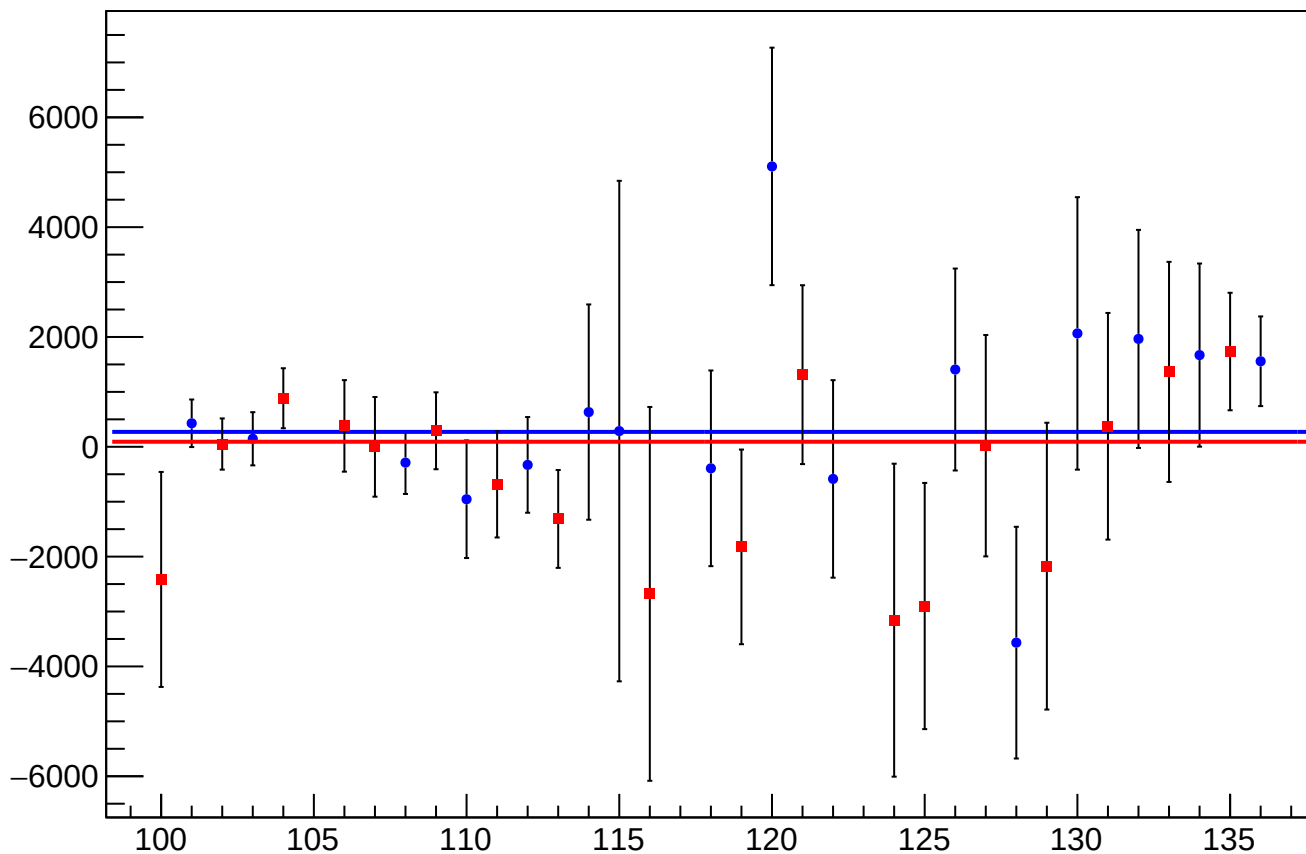
Right: 105.264+/-0.020 χ^2/NDF : 1162069.9/33

In: 107.644+/-0.029 χ^2/NDF : 532822.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.264+/-0.020 χ^2/NDF : 1162069.9/33

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: 91.947 $\pm$ 235.141 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

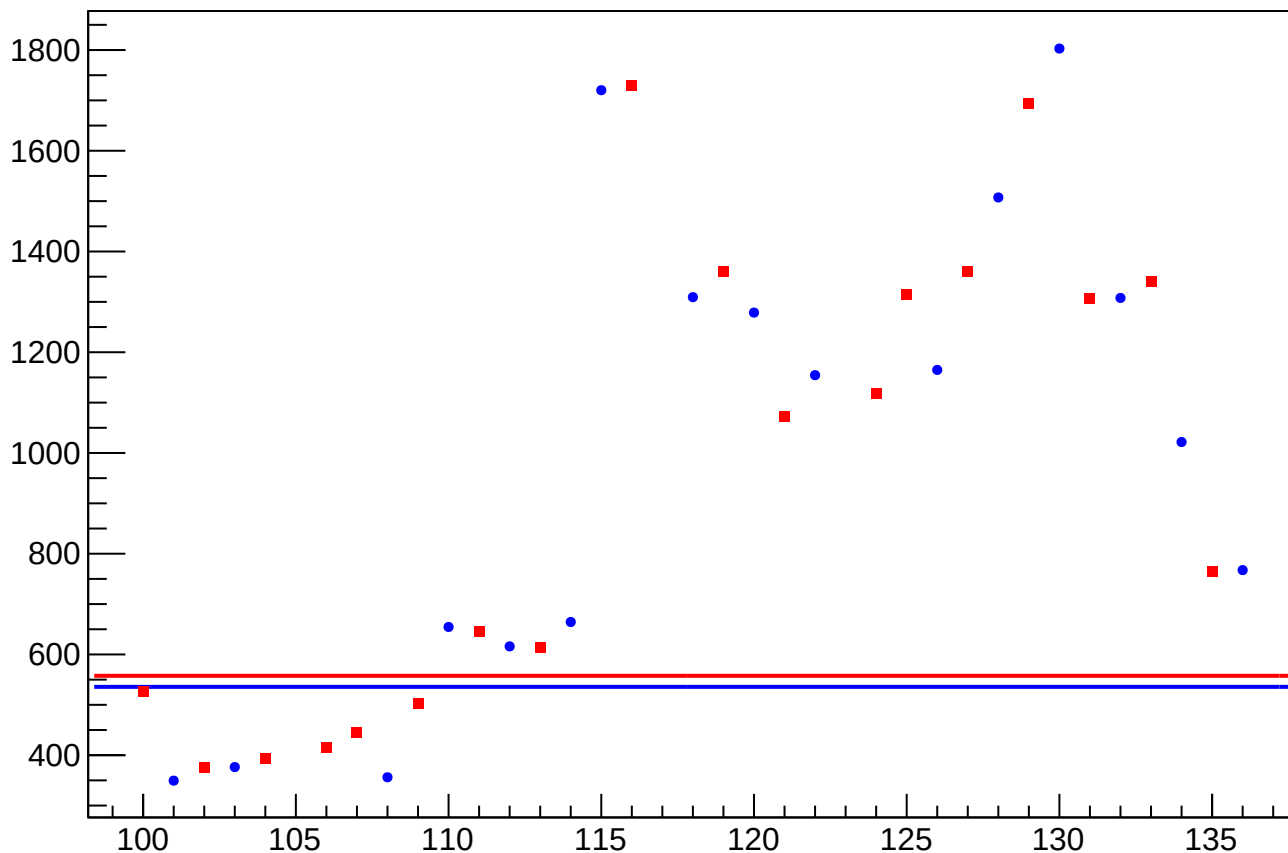
Right: 183.526 $\pm$ 164.661 χ^2 /NDF: 32.9/33

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: 183.526 $\pm$ 164.661 χ^2 /NDF: 32.9/33

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: 557.607+/-0.166 χ^2/NDF : 3106465.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

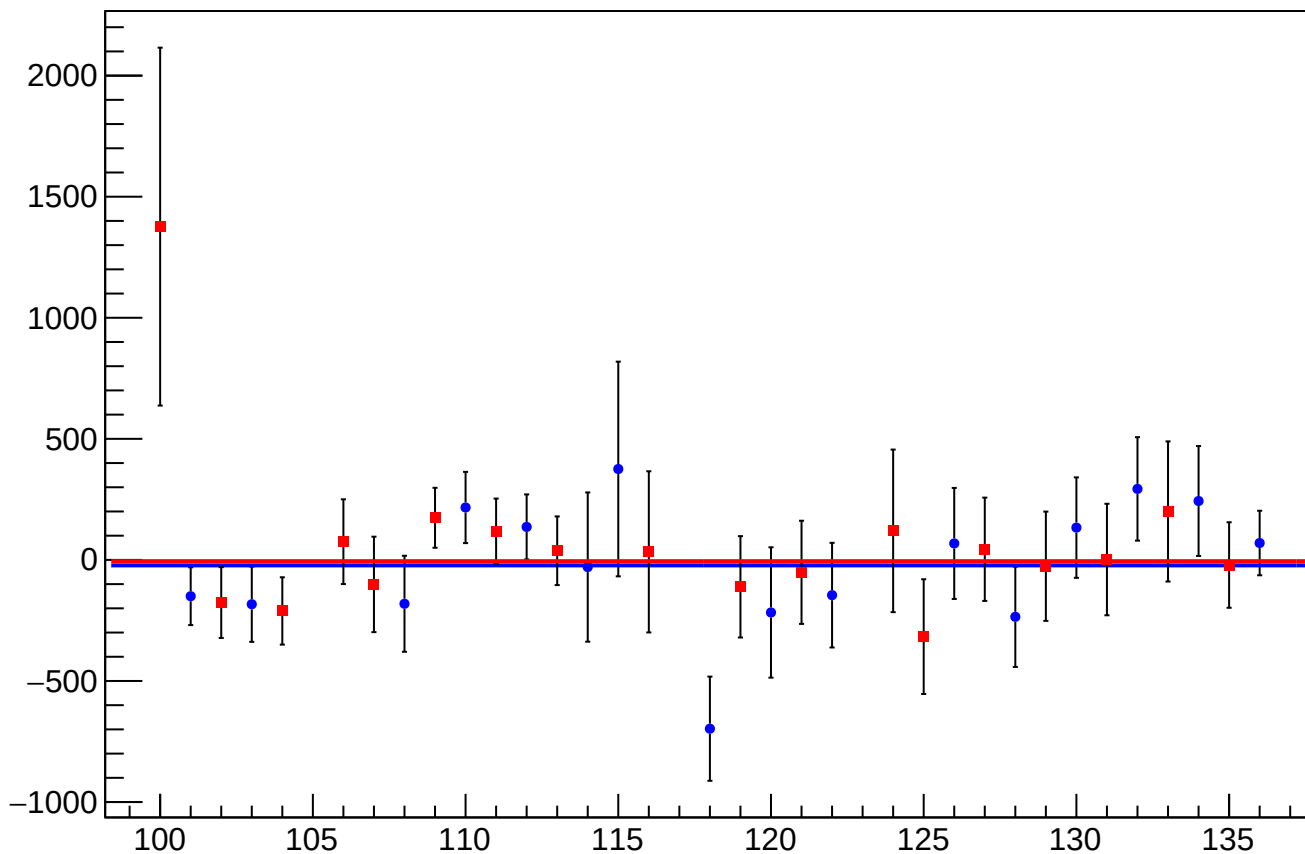
Right: 546.423+/-0.116 χ^2/NDF : 6747934.3/33

In: 535.661+/-0.163 χ^2/NDF :3632591.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 546.423+/-0.116 χ^2/NDF : 6747934.3/33

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: -5.193+/-44.094 χ^2/NDF : 13.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

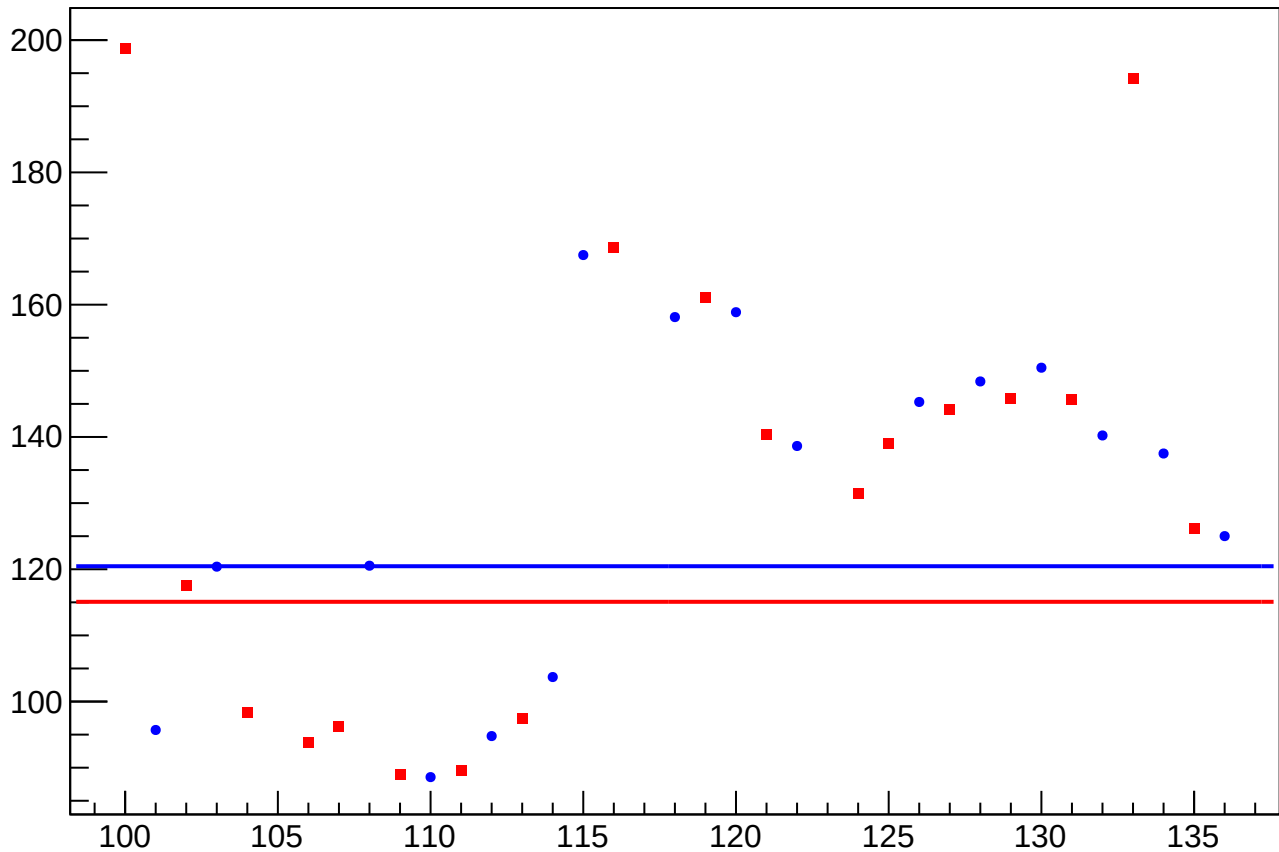
Right: -13.583+/-31.801 χ^2/NDF : 37.6/33

In: -22.678+/-45.908 χ^2/NDF : 24.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.583+/-31.801 χ^2/NDF : 37.6/33

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: 115.080+/-0.031 χ^2/NDF : 763927.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

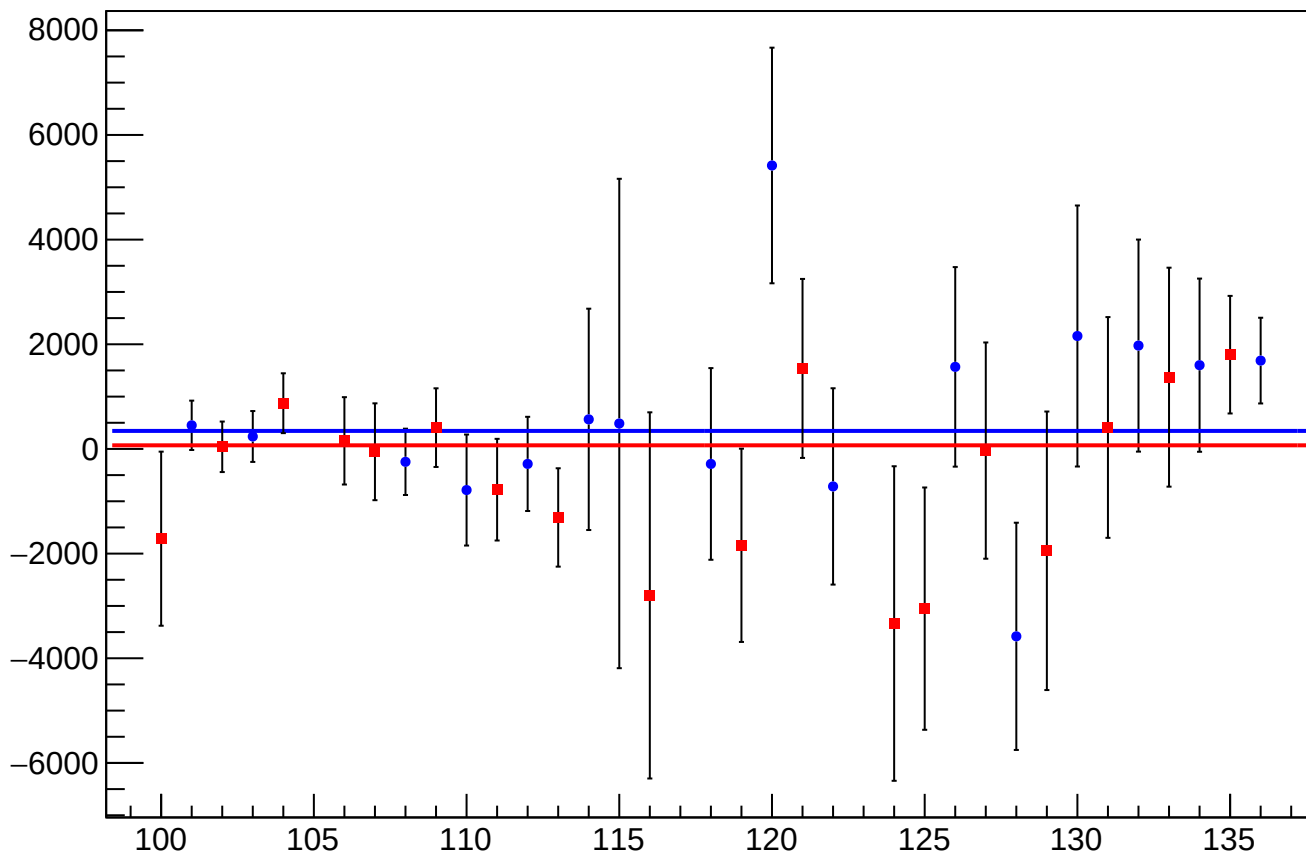
Right: 117.661+/-0.022 χ^2/NDF : 1308540.0/33

In: 120.458+/-0.032 χ^2/NDF : 530331.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.661+/-0.022 χ^2/NDF : 1308540.0/33

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: 69.214 $\pm$ 243.134 χ^2 /NDF: 15.2/17

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

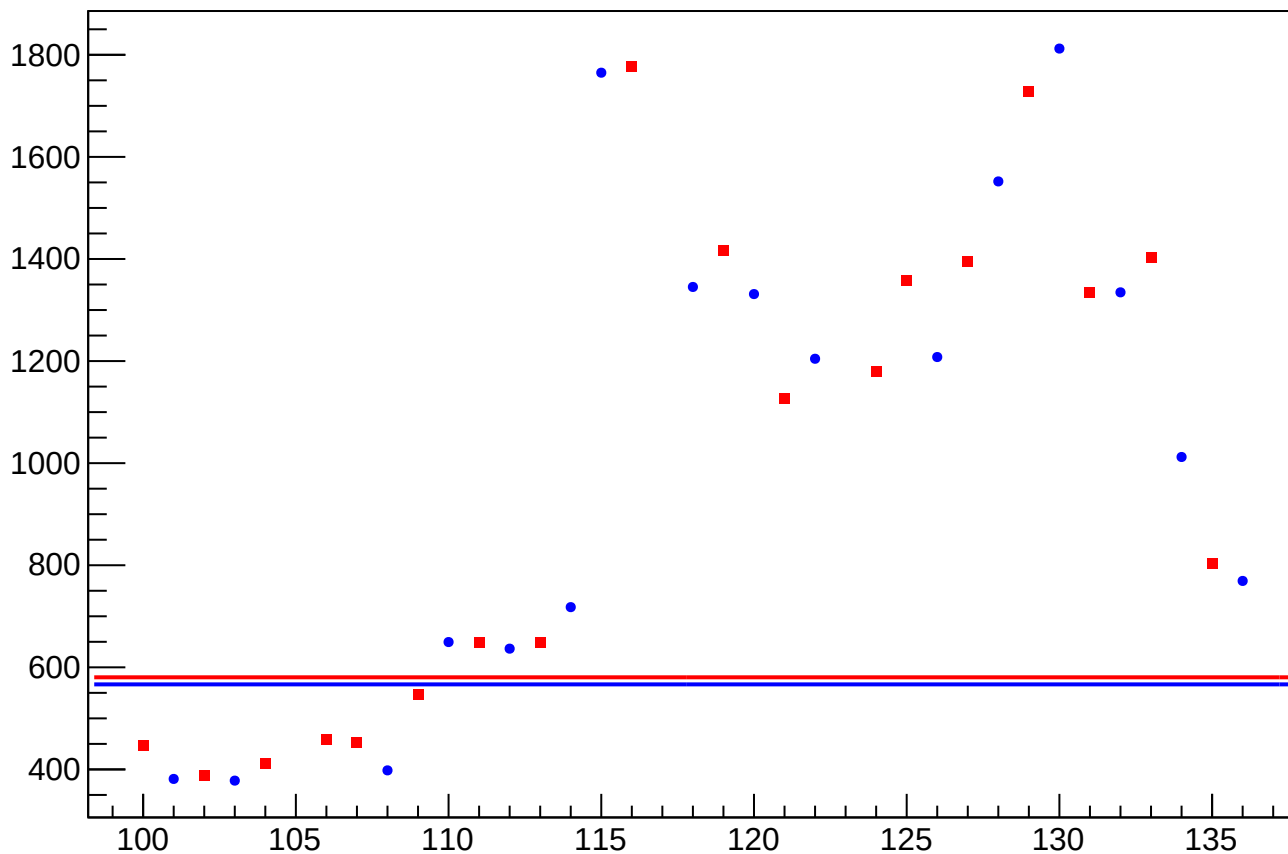
Right: 207.735 $\pm$ 171.352 χ^2 /NDF: 32.1/33

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: 207.735 $\pm$ 171.352 χ^2 /NDF: 32.1/33

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: 580.455+/-0.172 χ^2/NDF : 3090140.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

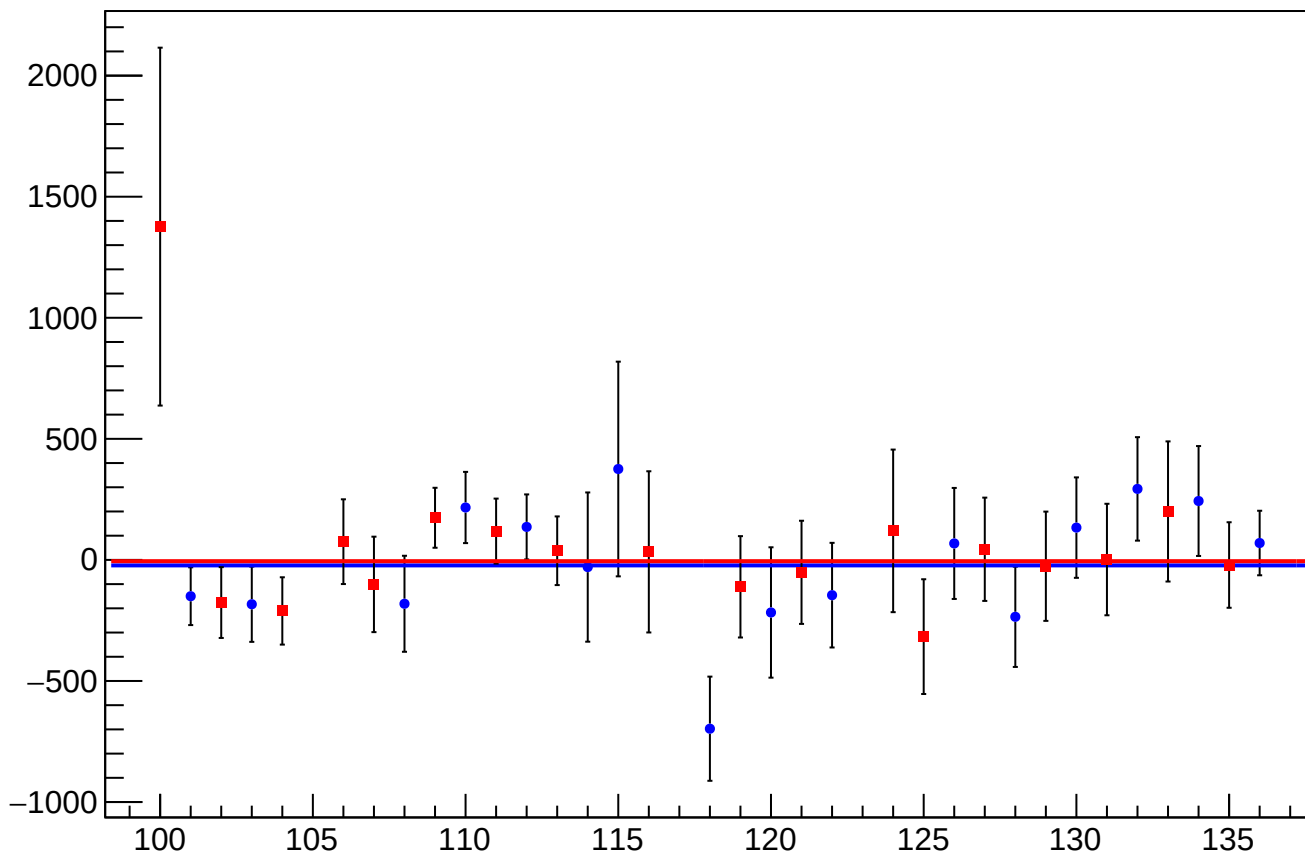
Right: 573.483+/-0.121 χ^2/NDF : 6525847.2/33

In: 566.603+/-0.171 χ^2/NDF : 3432440.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.483+/-0.121 χ^2/NDF : 6525847.2/33

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: -5.191 $\pm$ 44.094 χ^2 /NDF: 13.3/17

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

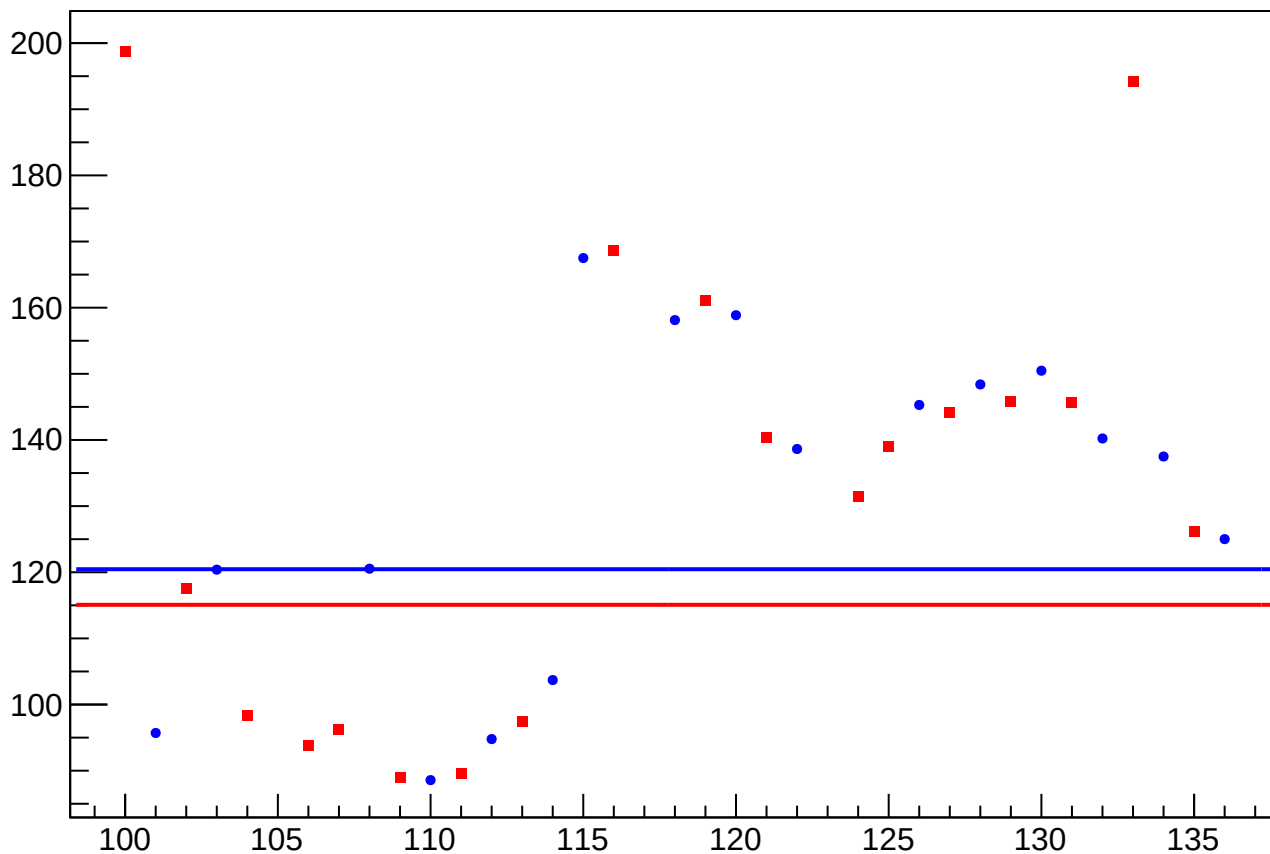
Right: -13.583 $\pm$ 31.801 χ^2 /NDF: 37.6/33

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: -13.583 $\pm$ 31.801 χ^2 /NDF: 37.6/33

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: 115.079+/-0.031 χ^2/NDF : 763926.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

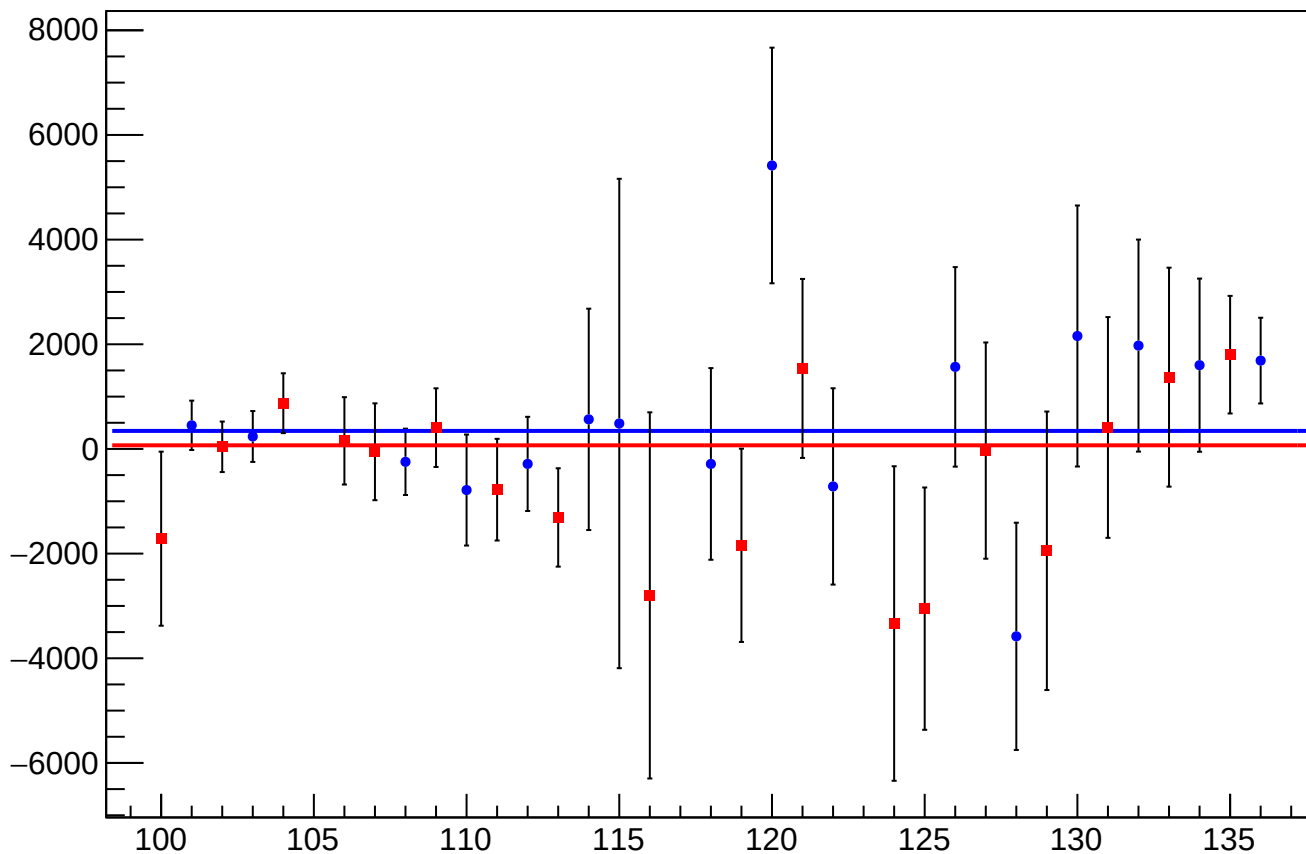
Right: 117.660+/-0.022 χ^2/NDF : 1308541.8/33

In: 120.458+/-0.032 χ^2/NDF :530335.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.660+/-0.022 χ^2/NDF : 1308541.8/33

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: 69.216+/-243.133 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

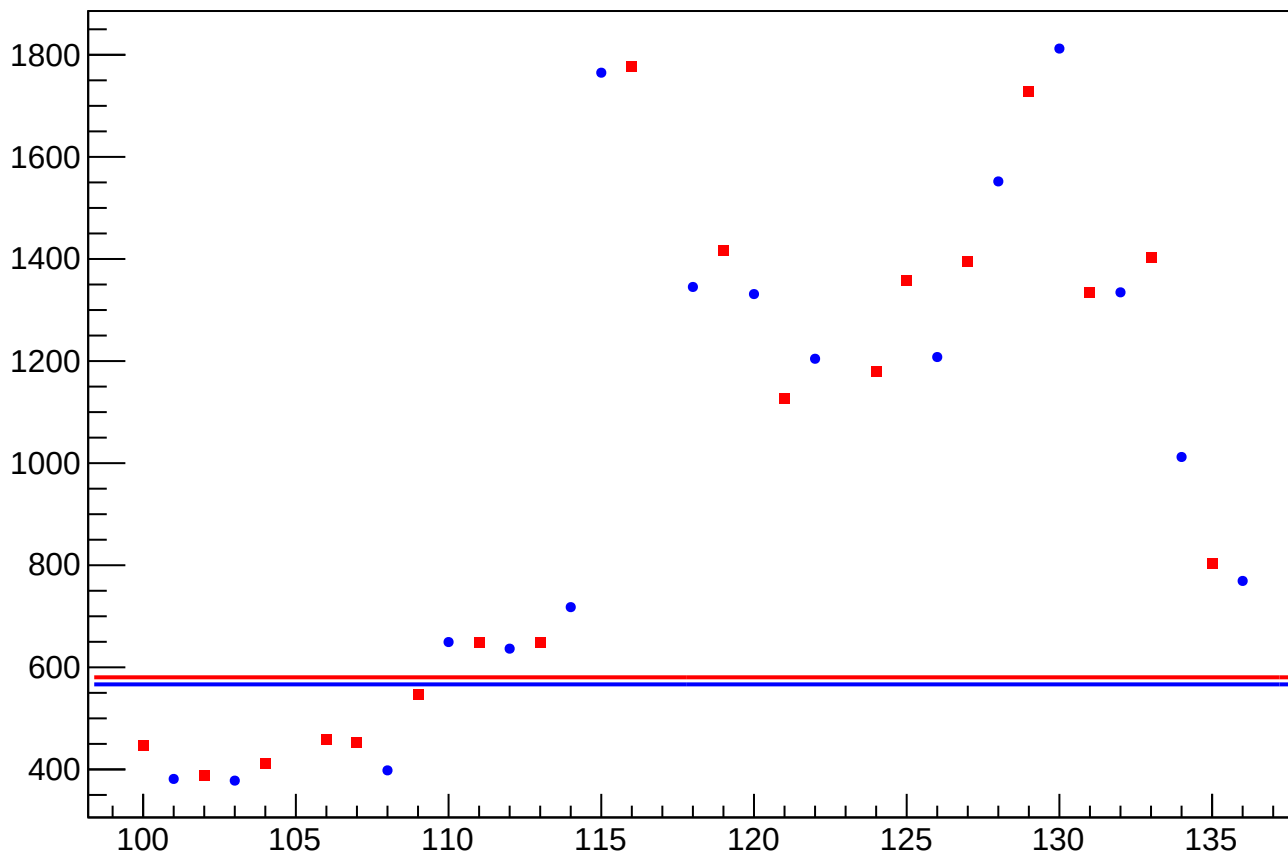
Right: 207.736+/-171.352 χ^2/NDF : 32.1/33

In: 344.436+/-241.531 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 207.736+/-171.352 χ^2/NDF : 32.1/33

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: 580.454+/-0.172 χ^2/NDF : 3090140.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

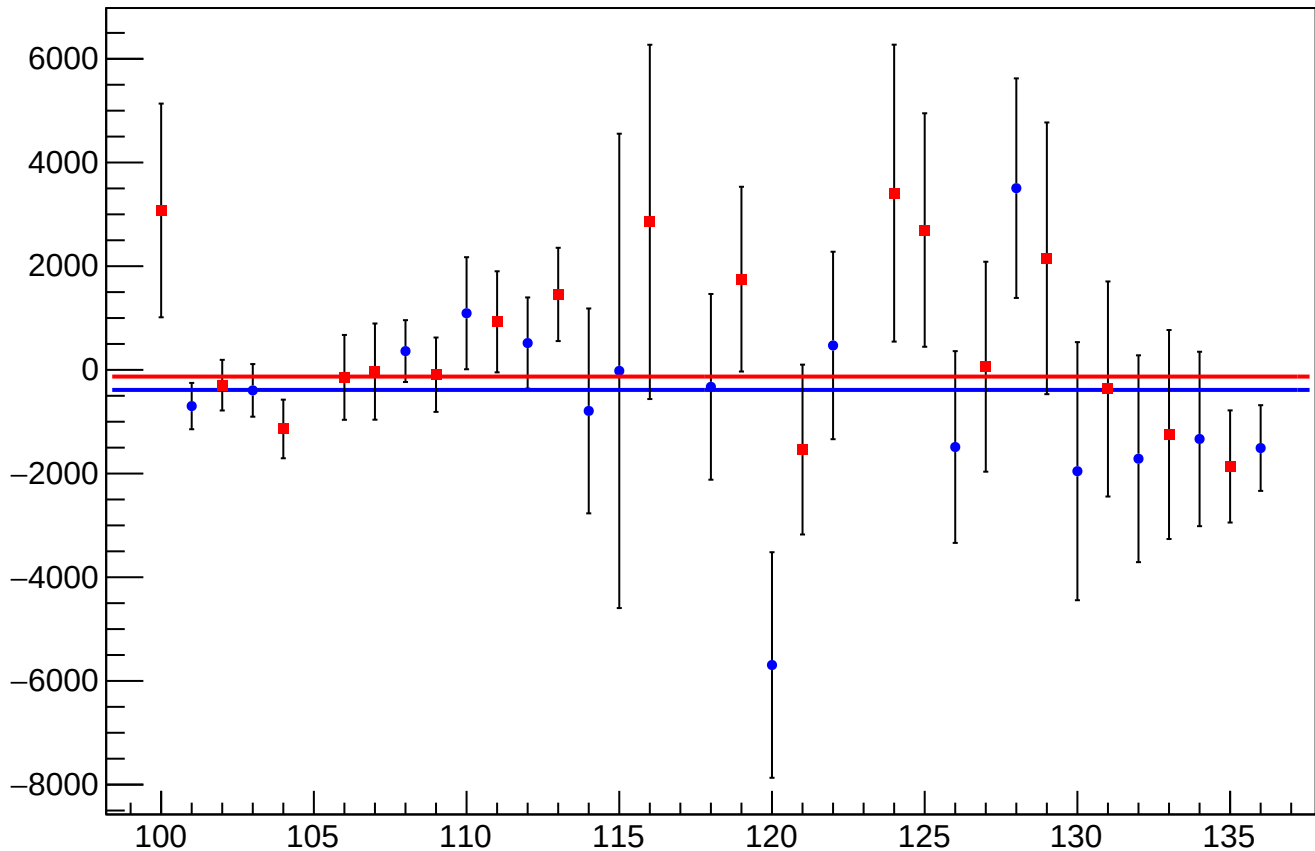
Right: 573.483+/-0.121 χ^2/NDF : 6525852.1/33

In: 566.603+/-0.171 χ^2/NDF : 3432444.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 573.483+/-0.121 χ^2/NDF : 6525852.1/33

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: -129.065 ± 240.706 χ^2/NDF : 19.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

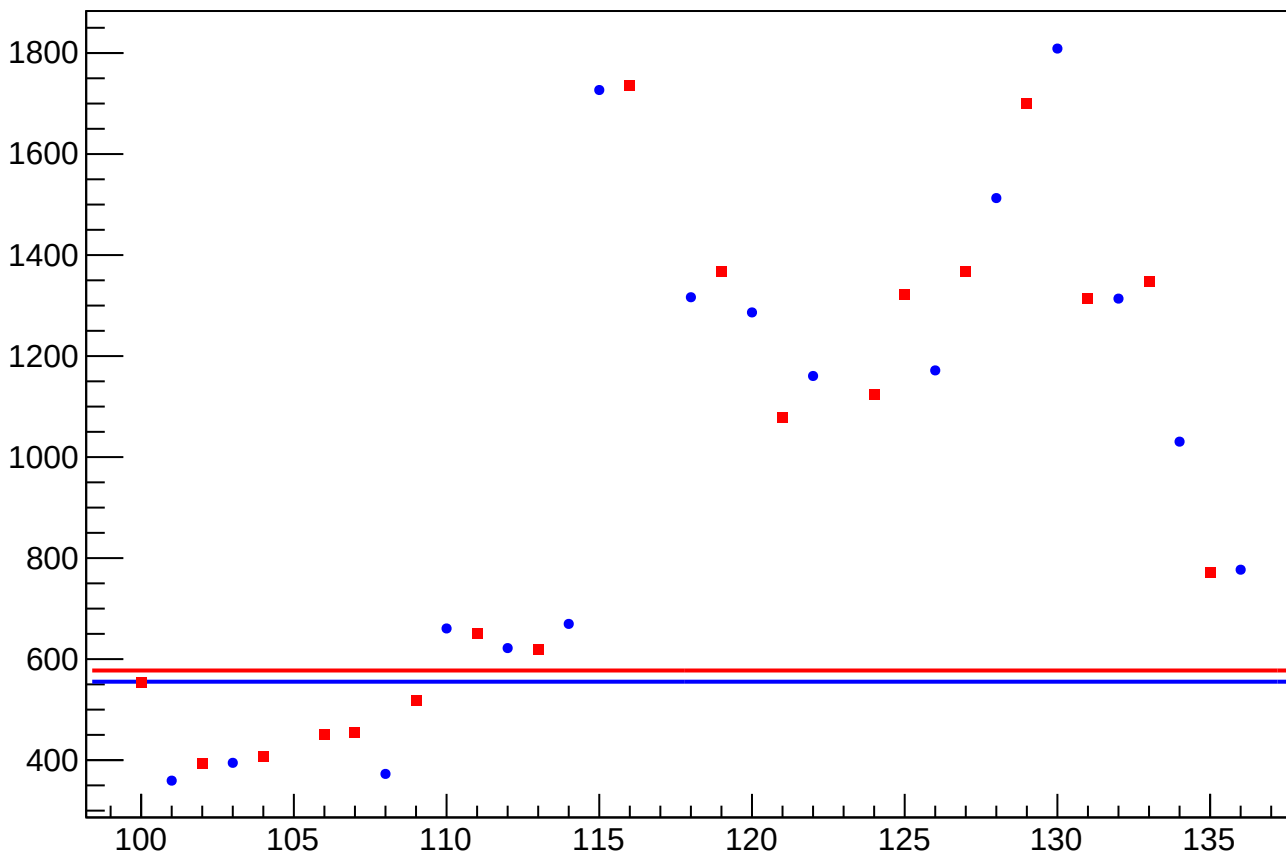
Right: -259.506 ± 169.069 χ^2/NDF : 37.9/33

In: -386.522 ± 237.525 χ^2/NDF : 17.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -259.506 ± 169.069 χ^2/NDF : 37.9/33

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: 577.463+/-0.170 χ^2/NDF : 2962419.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

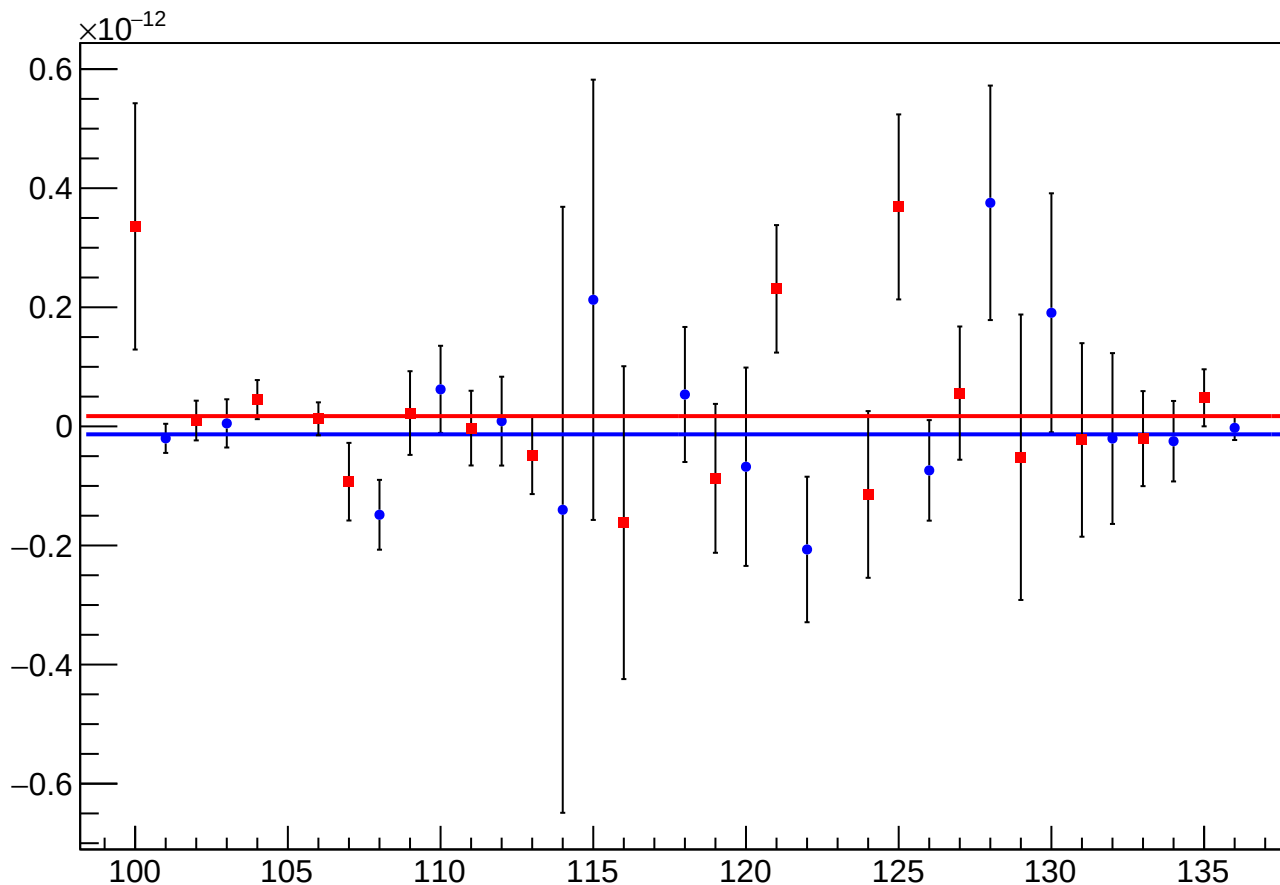
Right: 566.230+/-0.120 χ^2/NDF : 6453547.1/33

In: 555.292+/-0.168 χ^2/NDF : 3482531.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 566.230+/-0.120 χ^2/NDF : 6453547.1/33

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 : 19.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

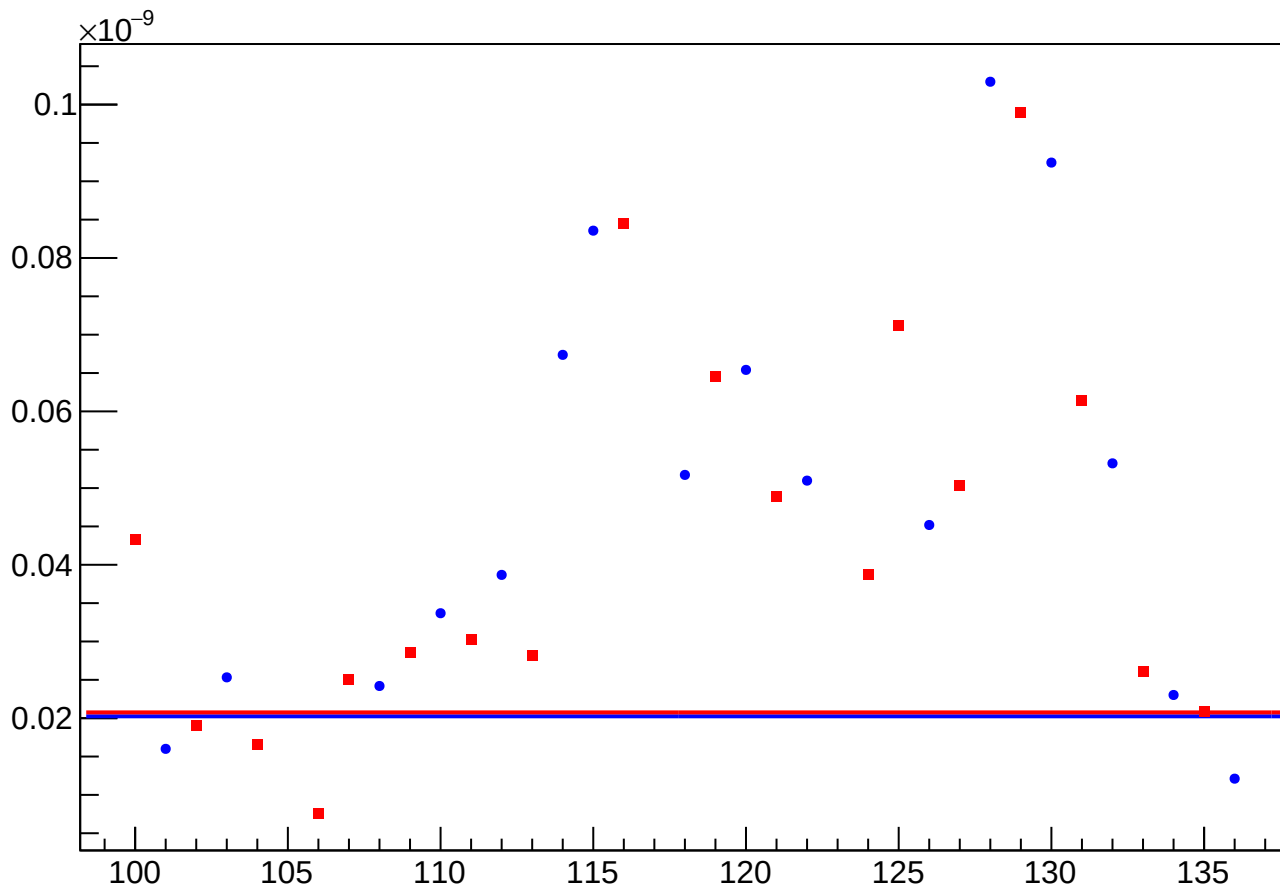
Right: 0.000+/-0.000 χ^2/NDF : 37.7/33

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 : 37.7/33

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 : 1855530.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

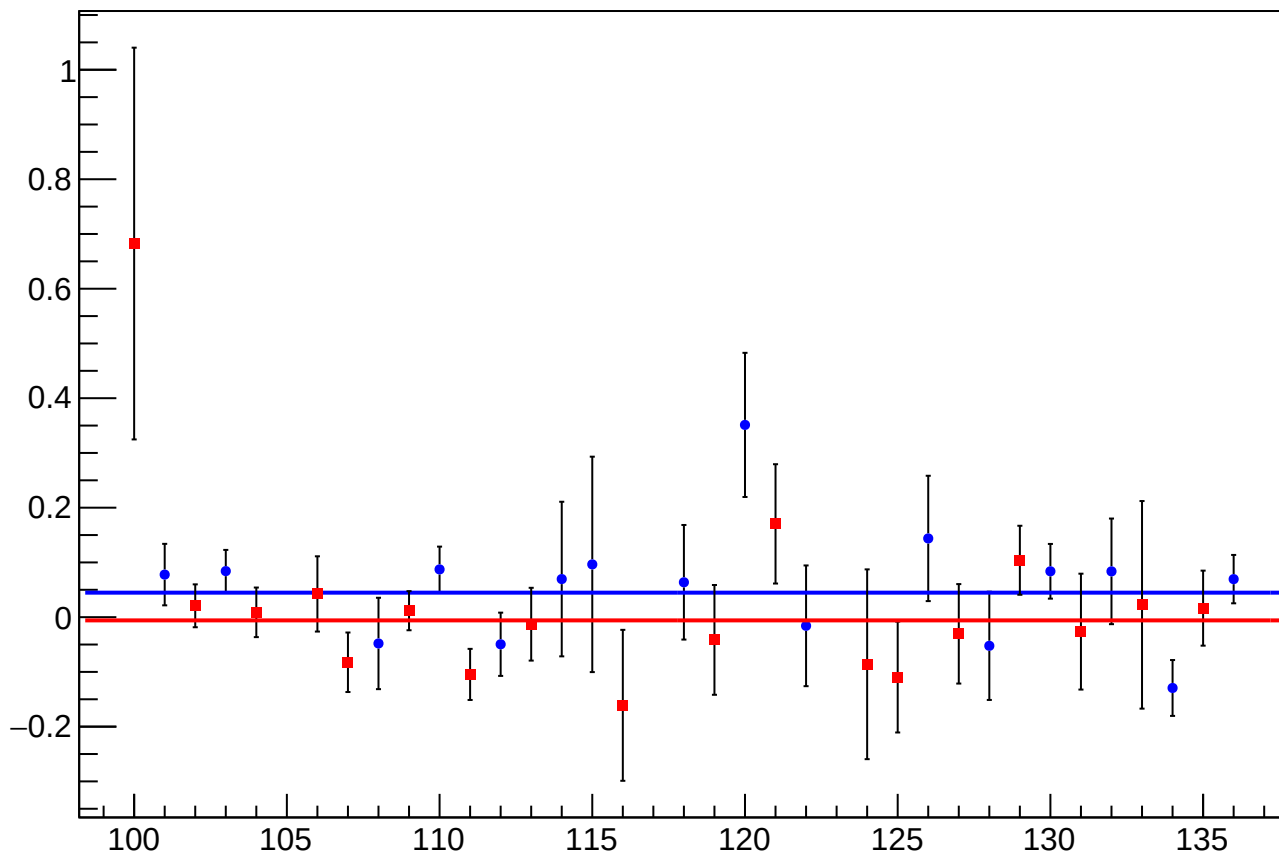
Right: 0.000+/-0.000 χ^2/NDF : 3861637.1/33

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 : 3861637.1/33

asym_sam6_dit_vs_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: -0.006+/-0.015 χ^2/NDF : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

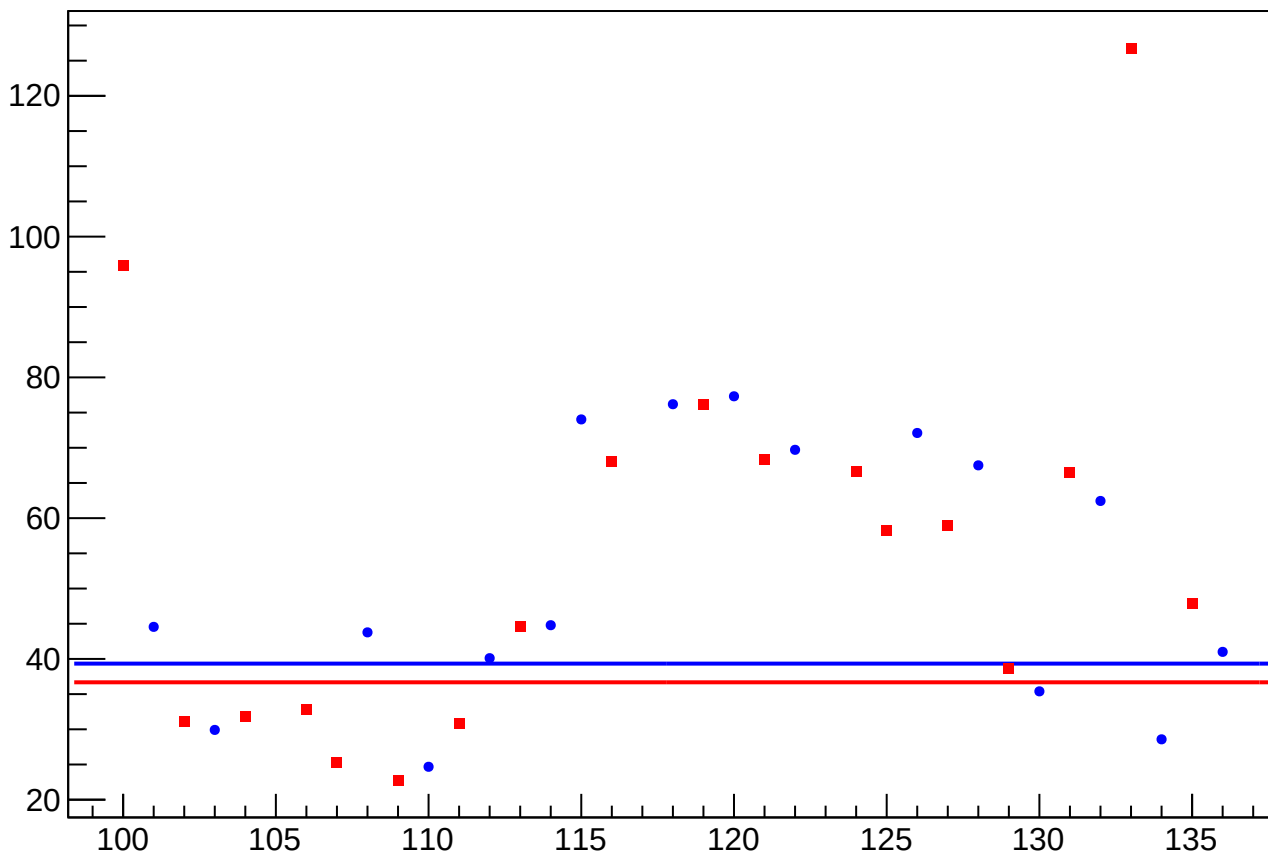
Right: 0.018+/-0.011 χ^2/NDF : 51.8/33

In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.011 χ^2/NDF : 51.8/33

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: 36.678+/-0.011 χ^2/NDF : 2096640.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

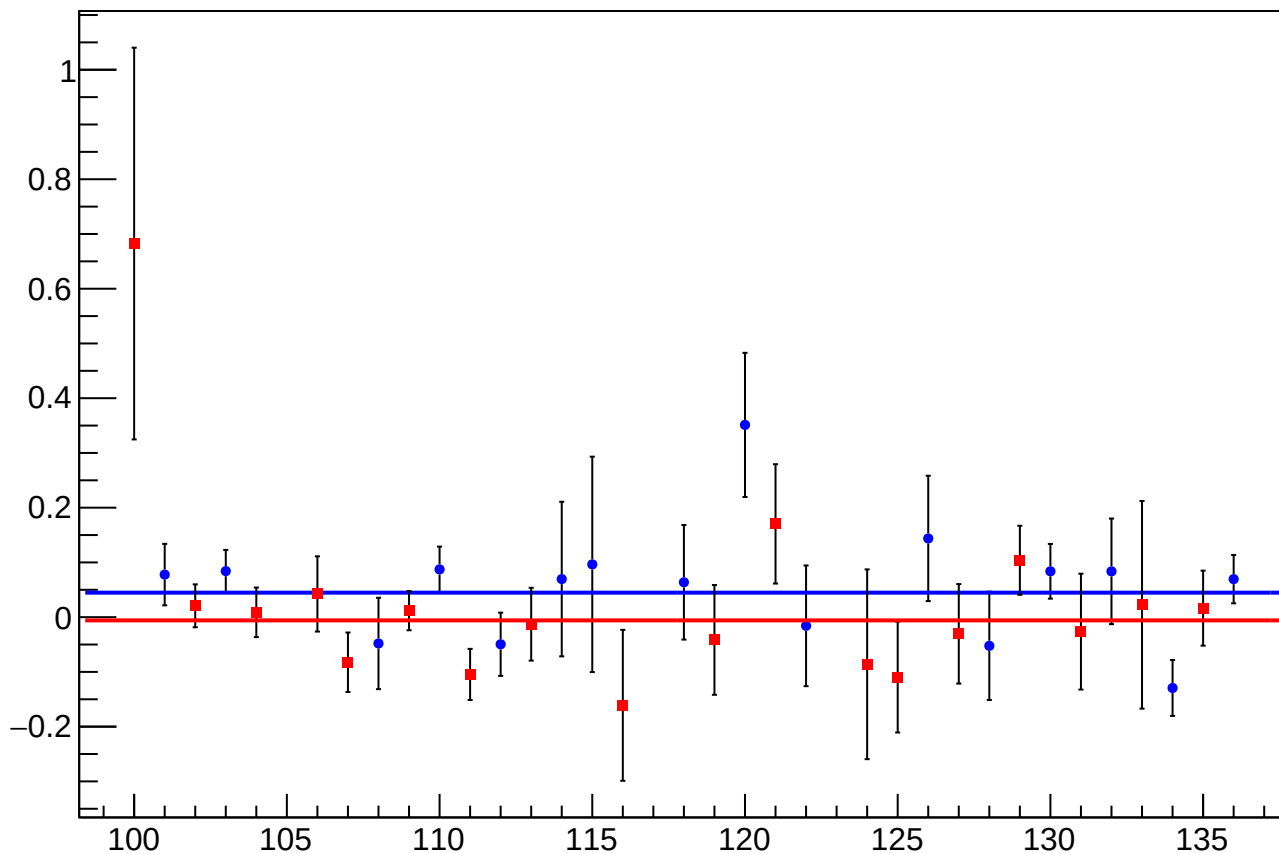
Right: 37.951+/-0.008 χ^2/NDF : 3691796.4/33

In: 39.335+/-0.011 χ^2/NDF : 1566525.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.951+/-0.008 χ^2/NDF : 3691796.4/33

asym_sam6_dit_vs_eigen_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: -0.006 $\pm$ 0.015 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

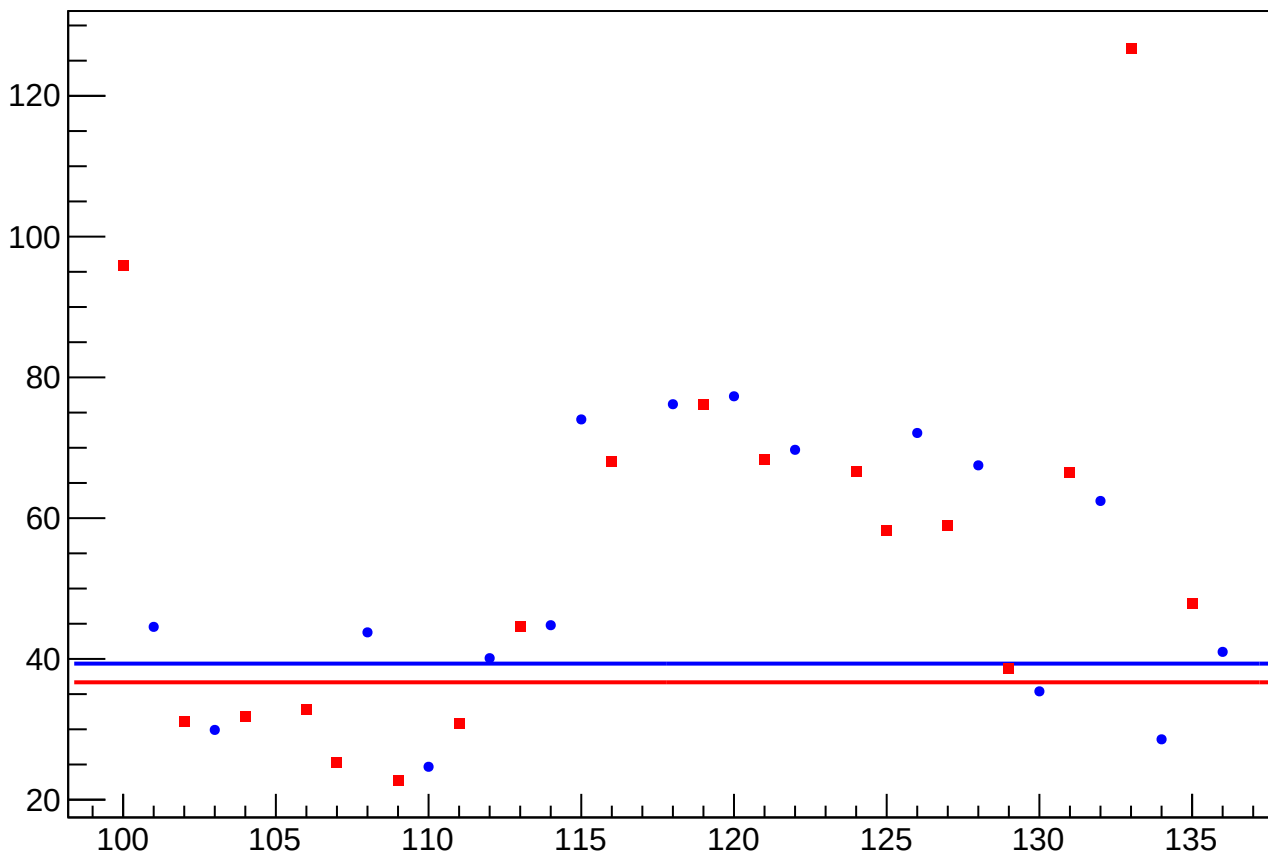
Right: 0.018 $\pm$ 0.011 χ^2 /NDF: 51.8/33

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: 0.018 $\pm$ 0.011 χ^2 /NDF: 51.8/33

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: 36.678+/-0.011 χ^2/NDF : 2096640.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

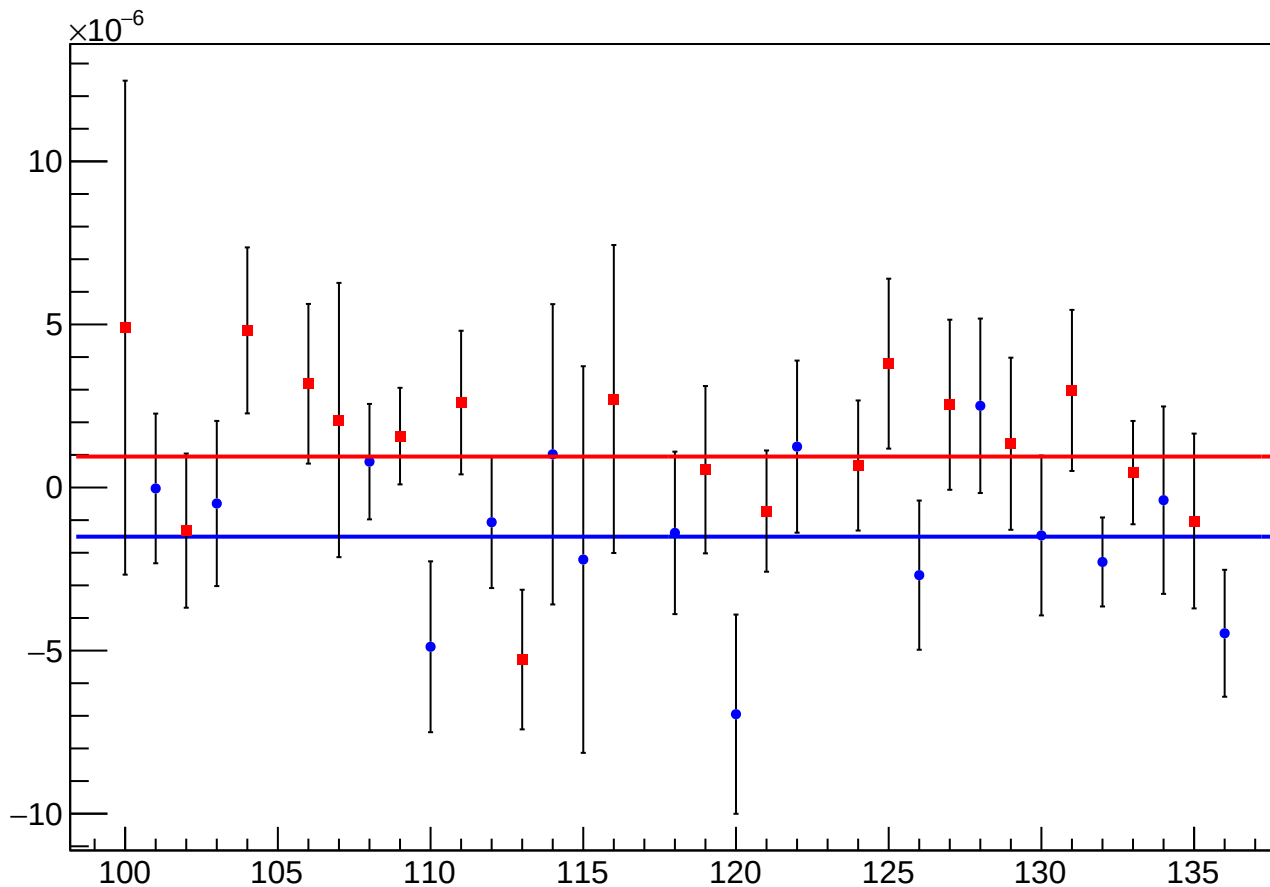
Right: 37.951+/-0.008 χ^2/NDF : 3691796.4/33

In: 39.335+/-0.011 χ^2/NDF : 1566525.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.951+/-0.008 χ^2/NDF : 3691796.4/33

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: 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

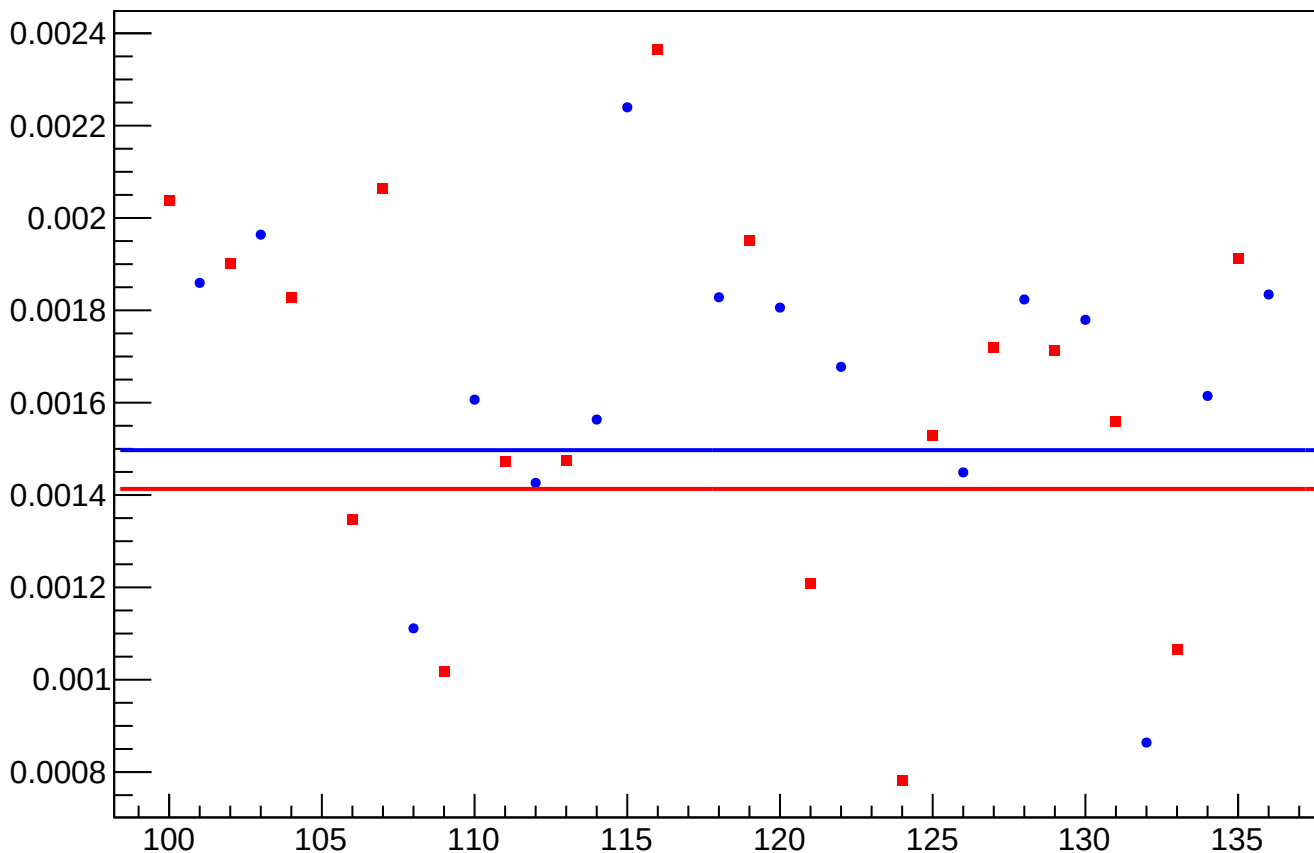
Right: -0.000+/-0.000 χ^2 /NDF: 40.8/33

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: 40.8/33

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 : 970836.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

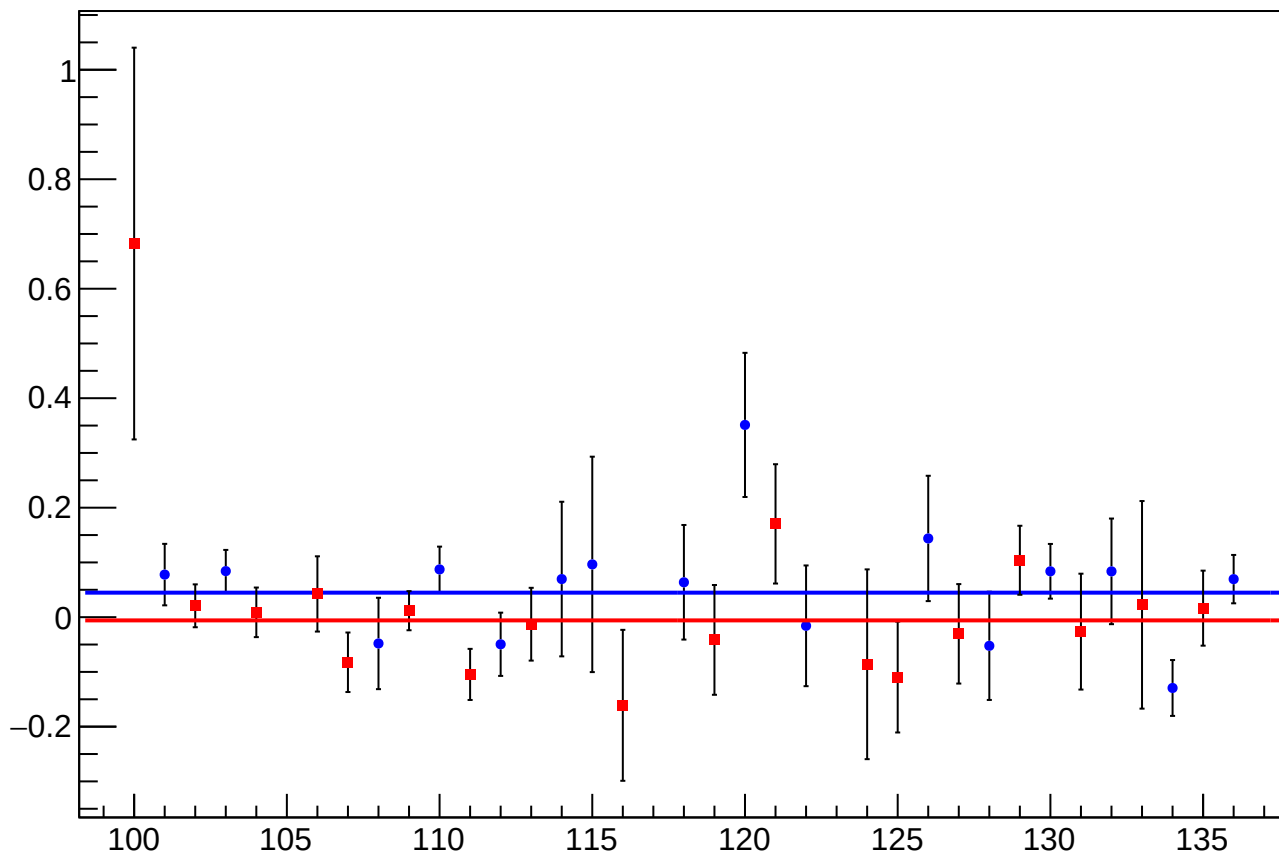
Right: 0.001+/-0.000 χ^2/NDF : 1860245.4/33

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 : 1860245.4/33

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: -0.006 $\pm$ 0.015 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

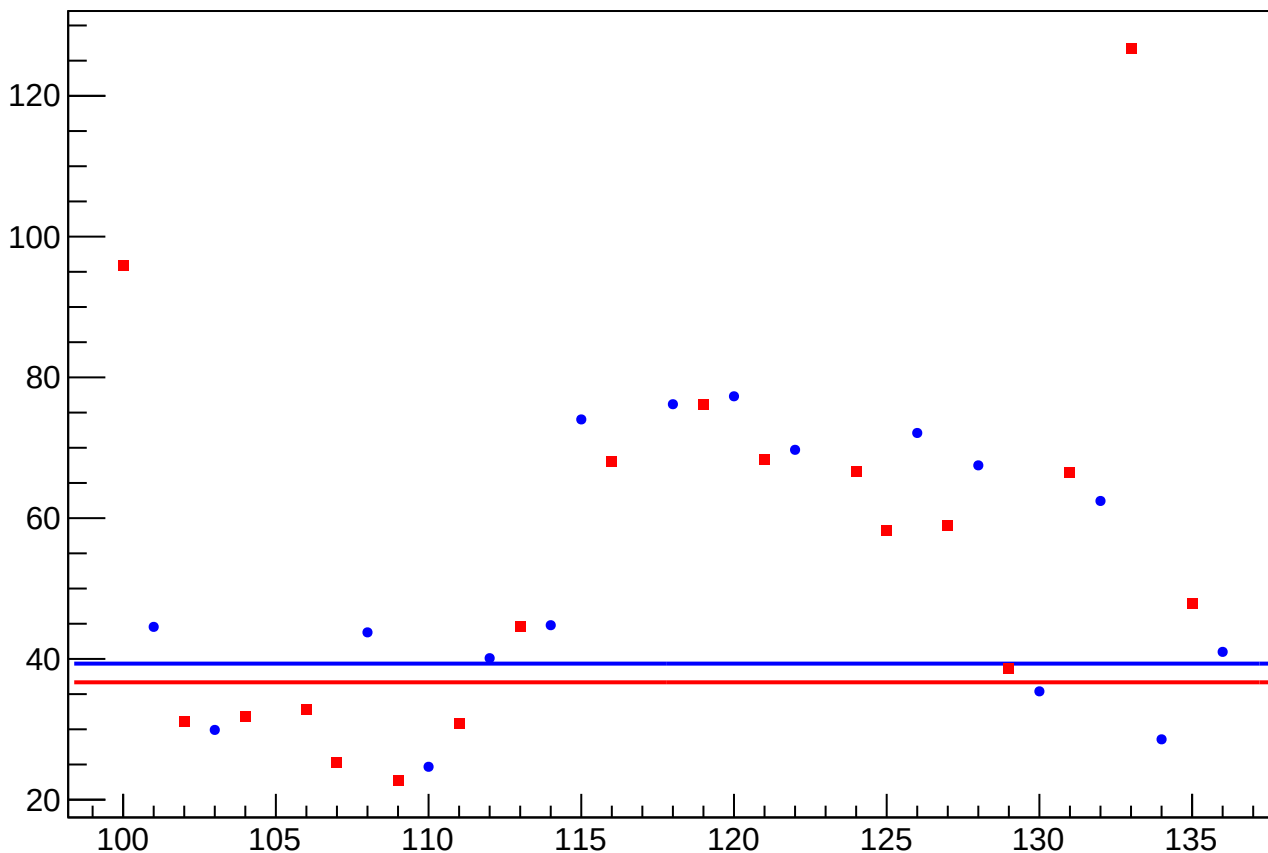
Right: 0.018 $\pm$ 0.011 χ^2/NDF : 51.8/33

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: 0.018 $\pm$ 0.011 χ^2/NDF : 51.8/33

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: 36.678+/-0.011 χ^2/NDF : 2096632.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

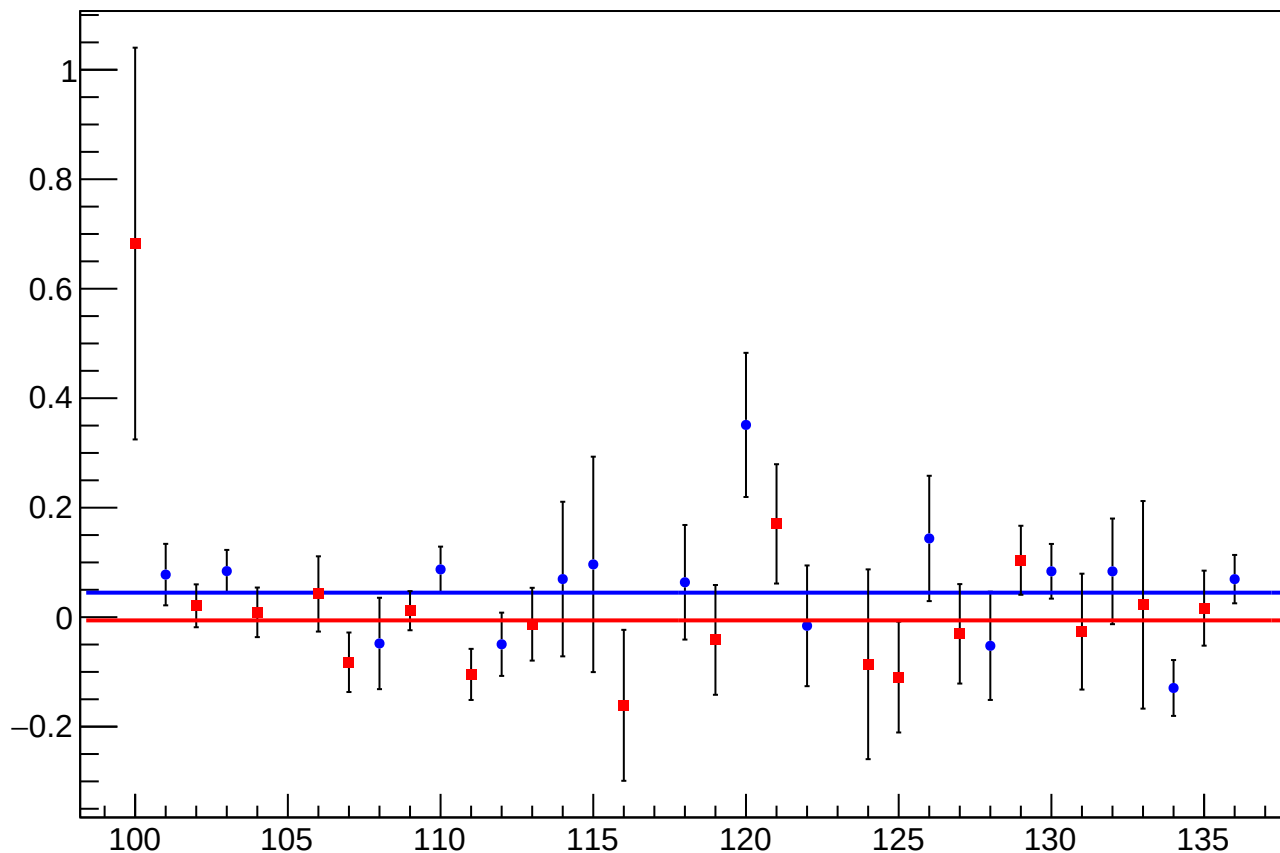
Right: 37.951+/-0.008 χ^2/NDF : 3691803.7/33

In: 39.334+/-0.011 χ^2/NDF :1566545.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.951+/-0.008 χ^2/NDF : 3691803.7/33

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: -0.006+/-0.015 χ^2/NDF : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

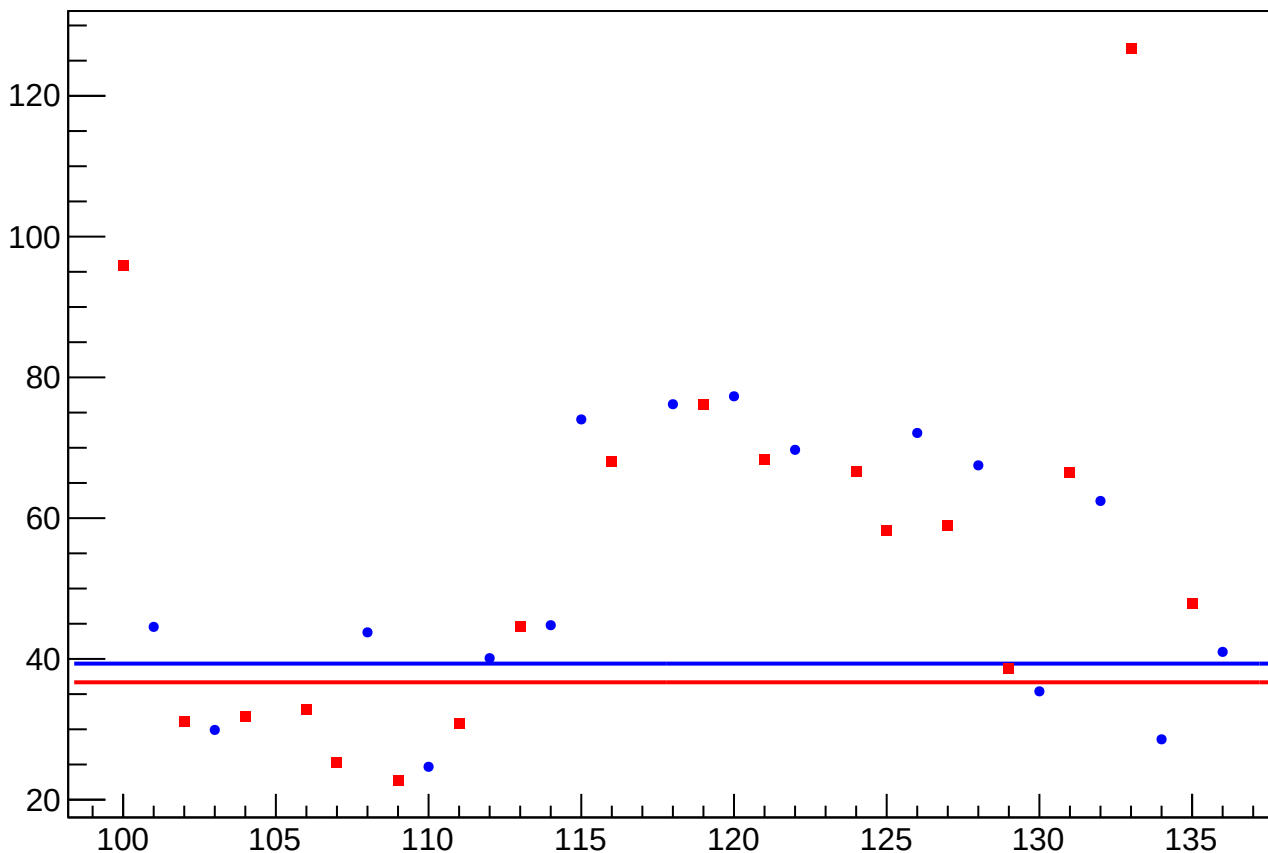
Right: 0.018+/-0.011 χ^2/NDF : 51.8/33

In: 0.045+/-0.016 χ^2/NDF : 26.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.011 χ^2/NDF : 51.8/33

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: 36.678+/-0.011 χ^2/NDF : 2096632.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

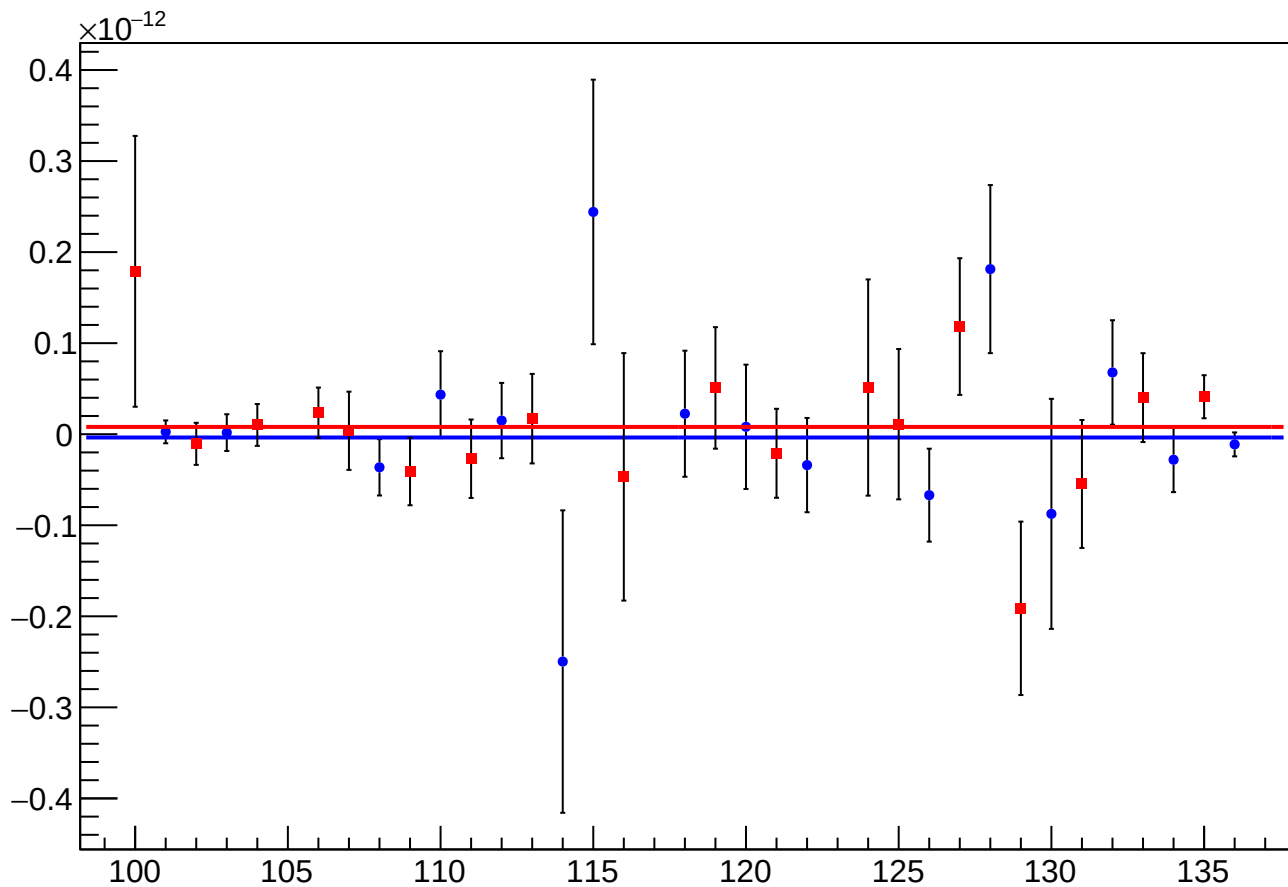
Right: 37.951+/-0.008 χ^2/NDF : 3691803.7/33

In: 39.334+/-0.011 χ^2/NDF :1566545.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 37.951+/-0.008 χ^2/NDF : 3691803.7/33

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 : 15.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

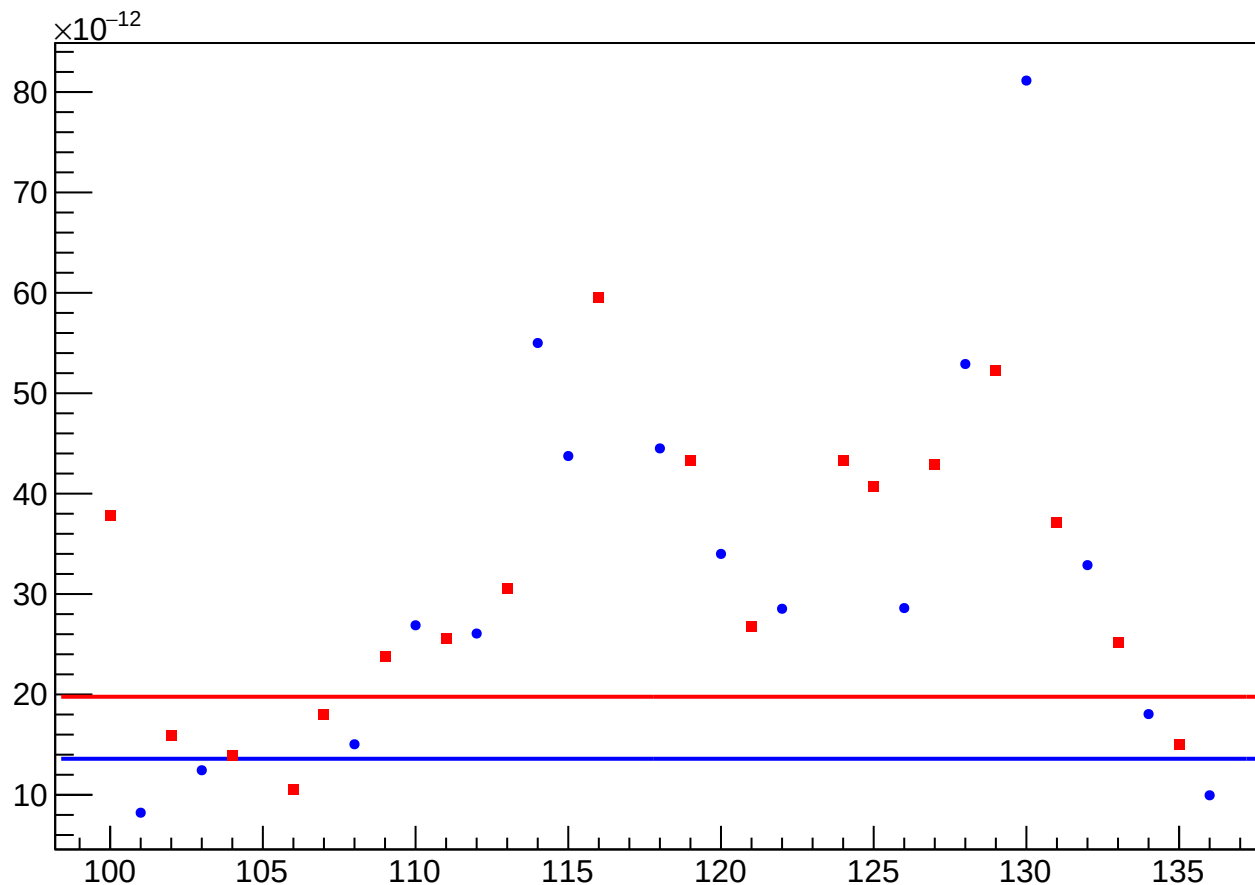
Right: 0.000+/-0.000 χ^2/NDF : 33.0/33

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 : 33.0/33

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 : 1920547.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

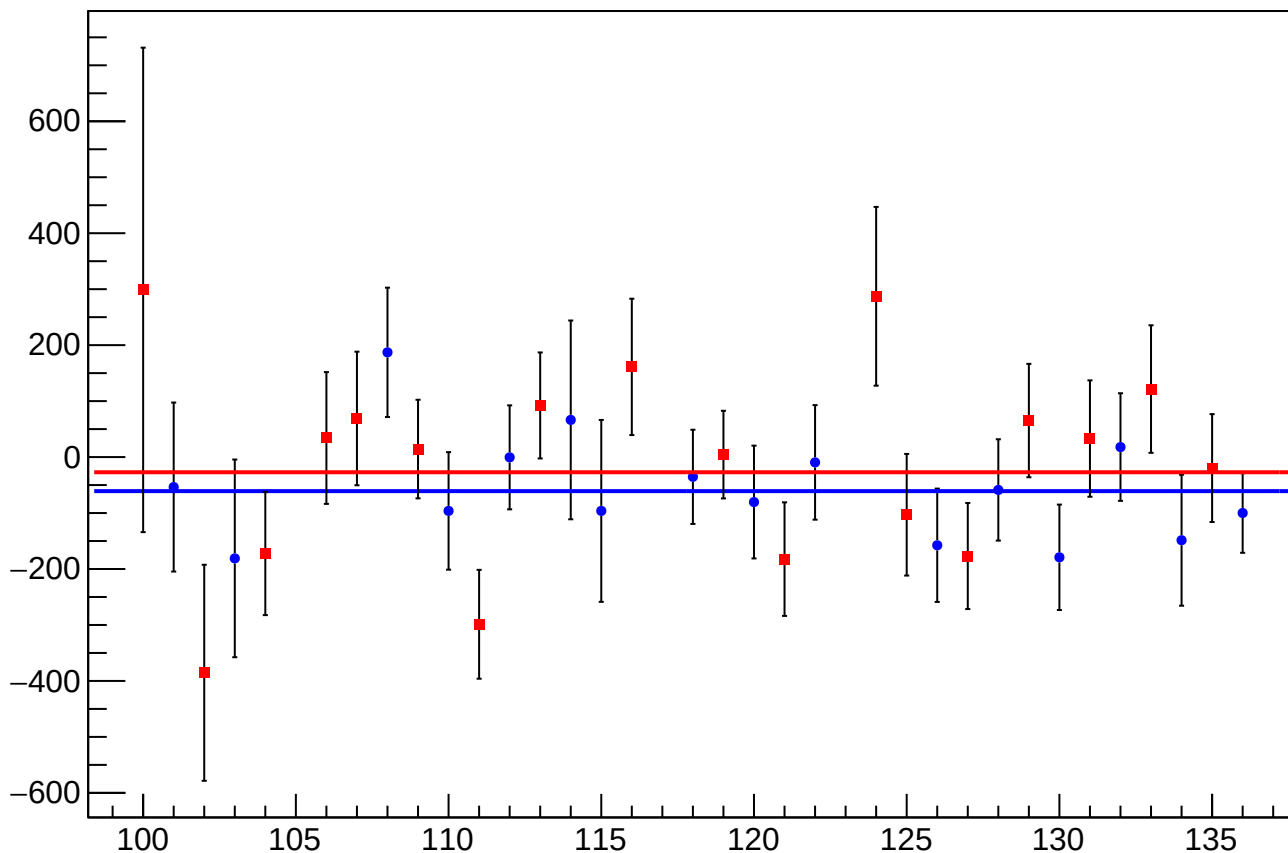
Right: 0.000+/-0.000 χ^2/NDF : 5639992.2/33

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 : 5639992.2/33

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: -27.103 $\pm$ 25.476 χ^2 /NDF: 30.9/17

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

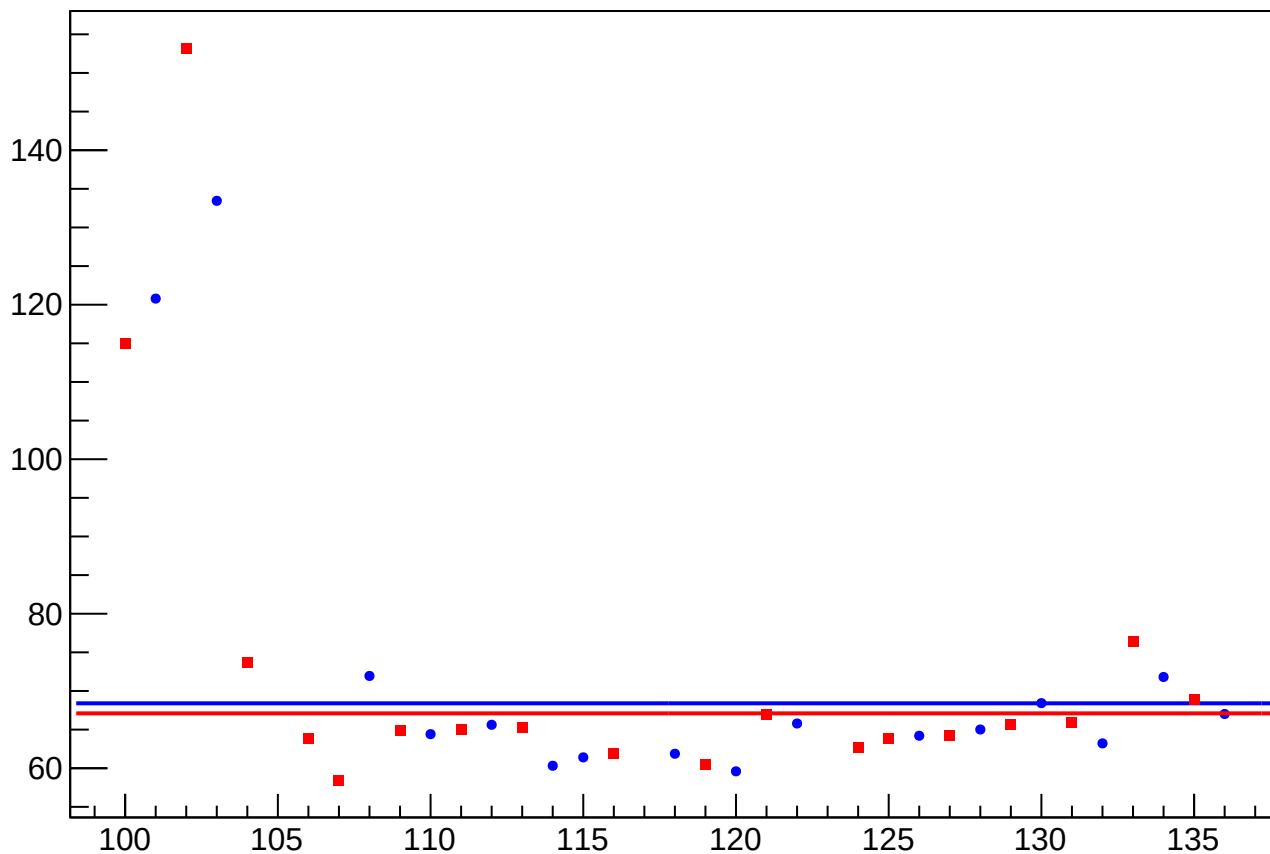
Right: -43.596 $\pm$ 18.215 χ^2 /NDF: 42.3/33

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: -43.596 $\pm$ 18.215 χ^2 /NDF: 42.3/33

reg_asym_sam7_rms vs Slug, Sign Corrected



Right In: 68.403 $\pm$ 0.018 χ^2 /NDF: 569557.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 67.104 $\pm$ 0.018 χ^2 /NDF: 481780.7/17

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

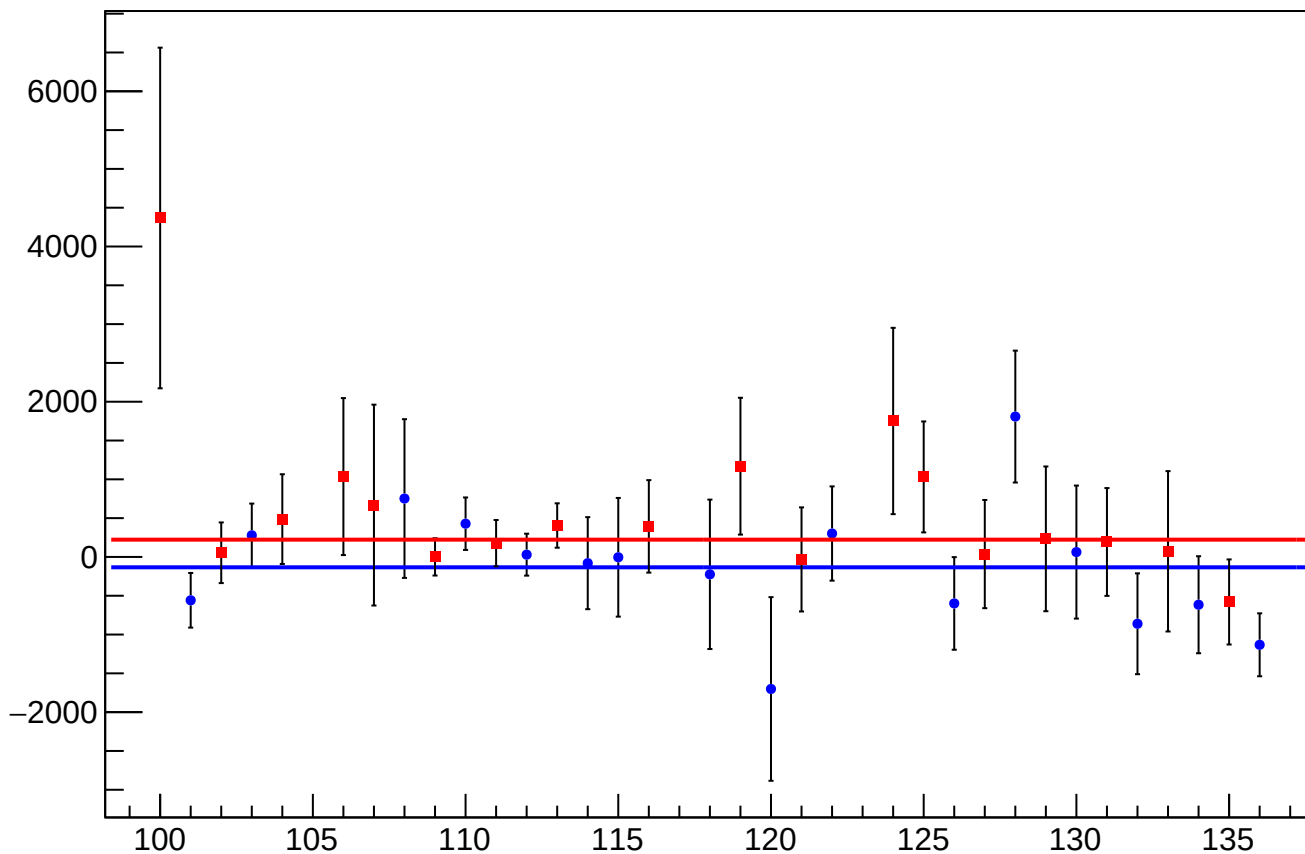
Right: 67.739 $\pm$ 0.013 χ^2 /NDF: 1053882.1/33

In: 68.403 $\pm$ 0.018 χ^2 /NDF:569557.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 67.739 $\pm$ 0.013 χ^2 /NDF: 1053882.1/33

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: 222.802+/-118.964 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

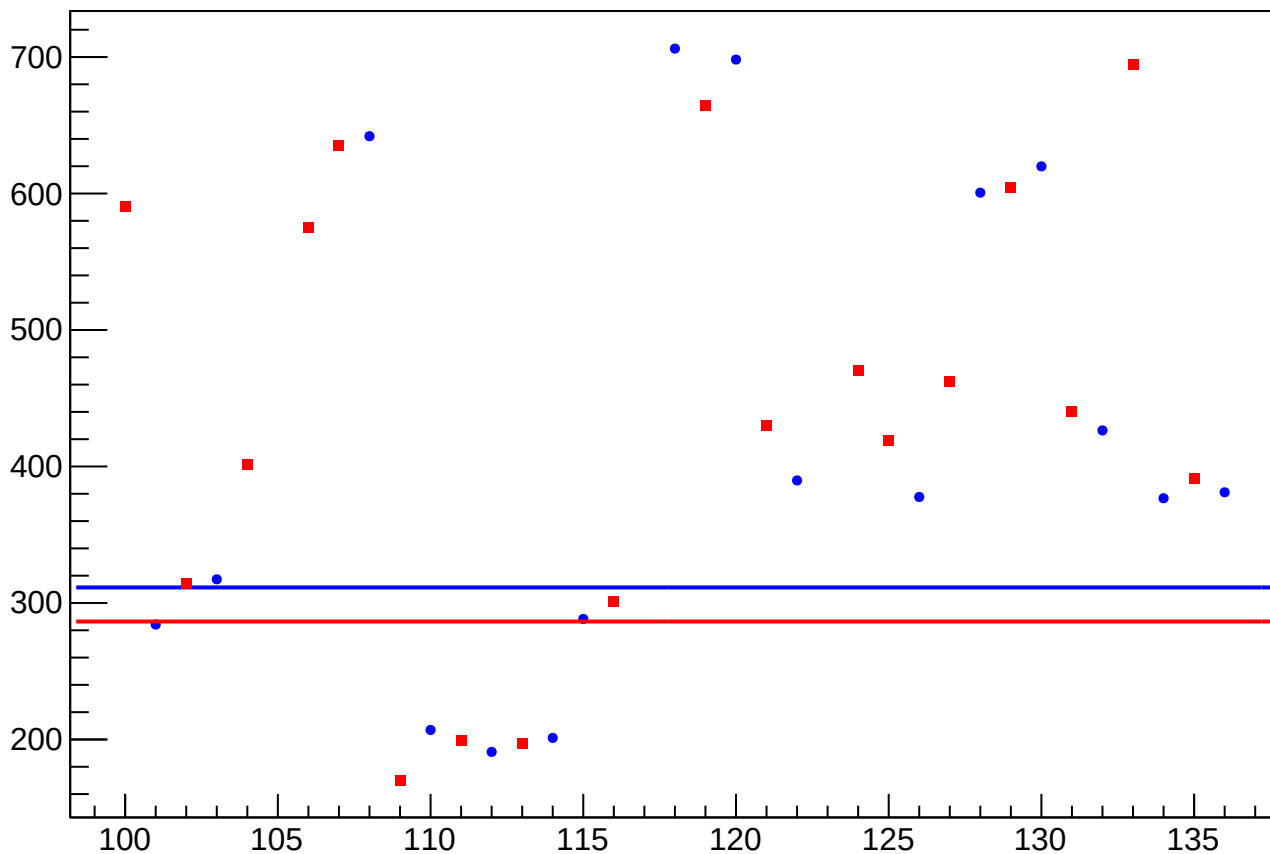
Right: 54.698+/-86.470 χ^2/NDF : 39.2/33

In: -133.590+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.698+/-86.470 χ^2/NDF : 39.2/33

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: 286.425+/-0.084 χ^2/NDF : 2692729.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

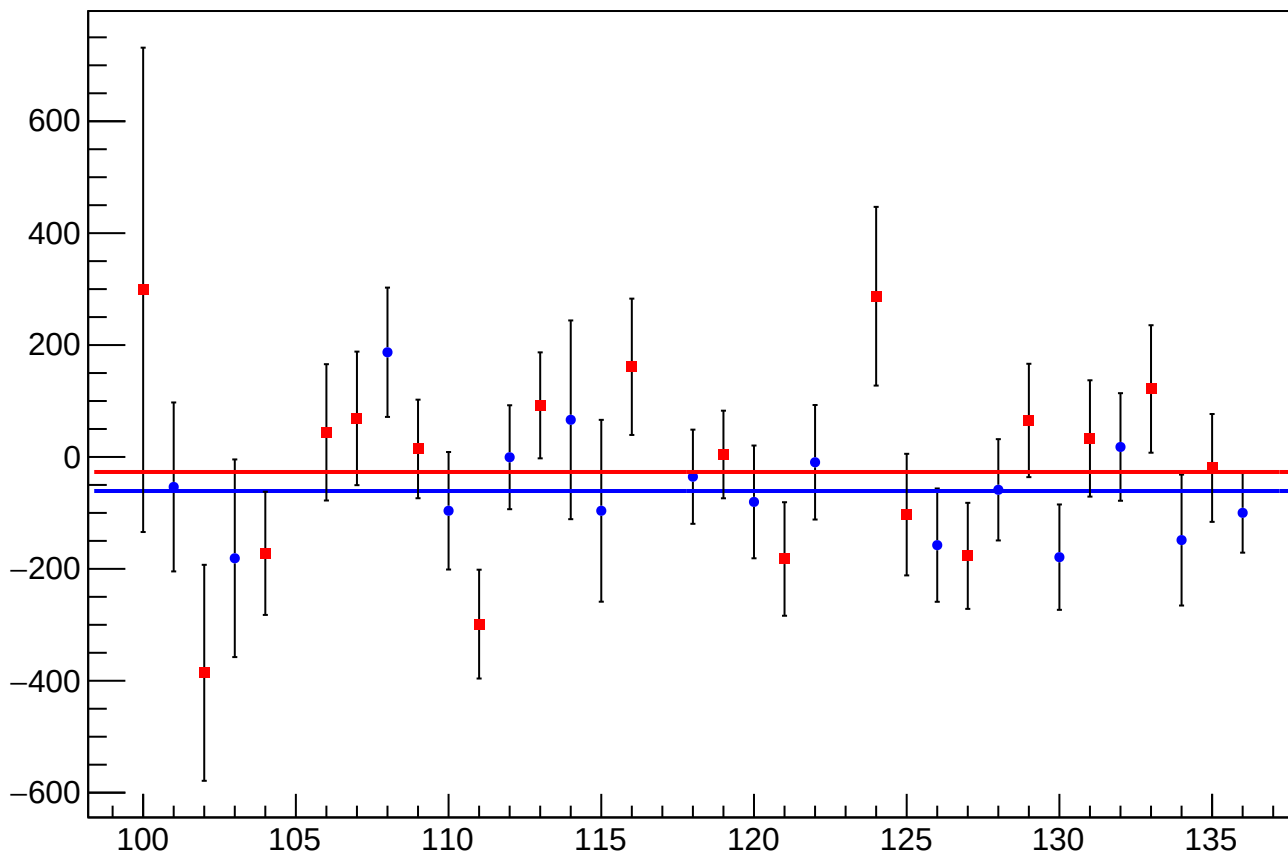
Right: 298.199+/-0.061 χ^2/NDF : 4858059.2/33

In: 311.386+/-0.089 χ^2/NDF : 2123797.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.199+/-0.061 χ^2/NDF : 4858059.2/33

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: -26.857 $\pm$ 25.515 χ^2 /NDF: 31.0/17

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

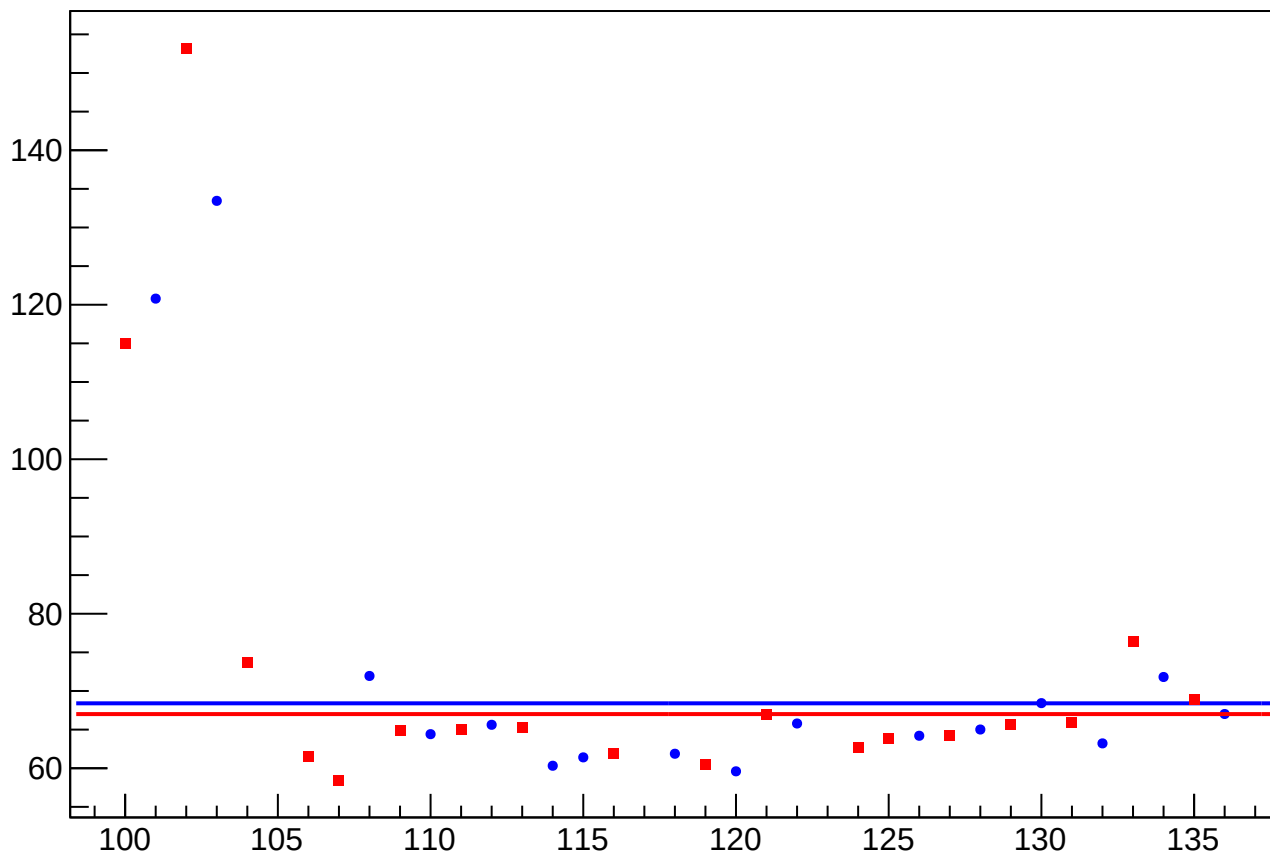
Right: -43.498 $\pm$ 18.229 χ^2 /NDF: 42.4/33

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: -43.498 $\pm$ 18.229 χ^2 /NDF: 42.4/33

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: 67.010 $\pm$ 0.018 χ^2/NDF : 484462.9/17

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

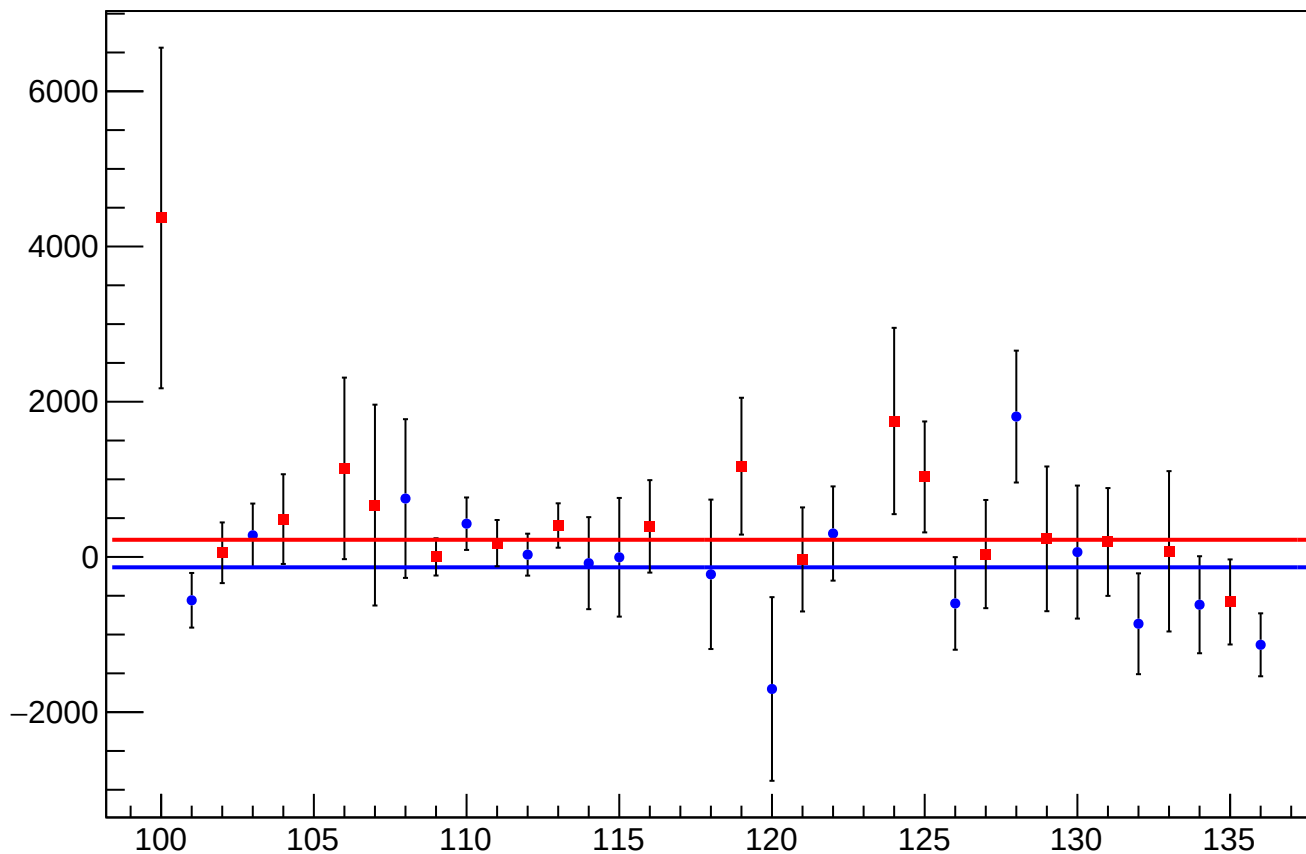
Right: 67.692 $\pm$ 0.013 χ^2/NDF : 1056940.6/33

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: 67.692 $\pm$ 0.013 χ^2/NDF : 1056940.6/33

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: 221.063+/-119.177 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

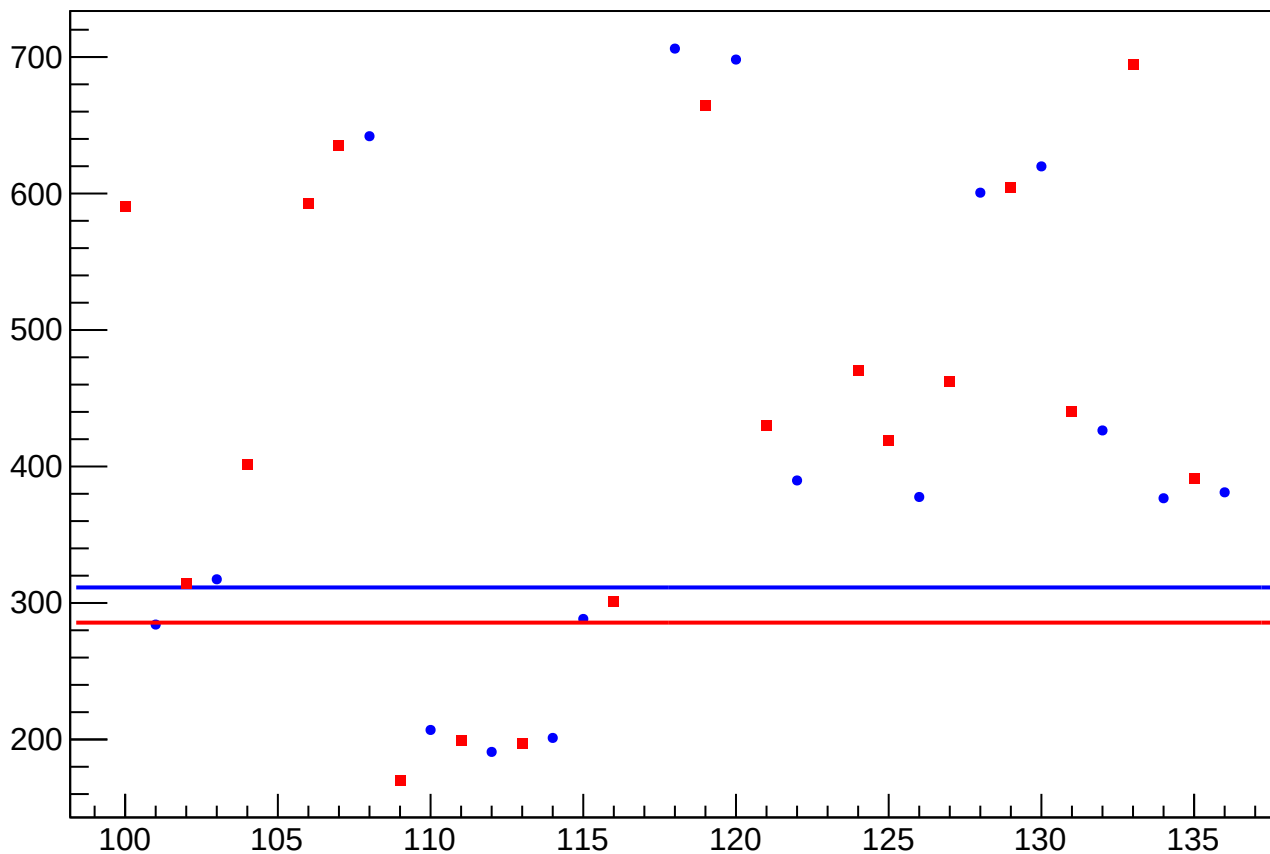
Right: 53.465+/-86.552 χ^2/NDF : 39.2/33

In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.465+/-86.552 χ^2/NDF : 39.2/33

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: 285.611+/-0.084 χ^2/NDF : 2667196.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

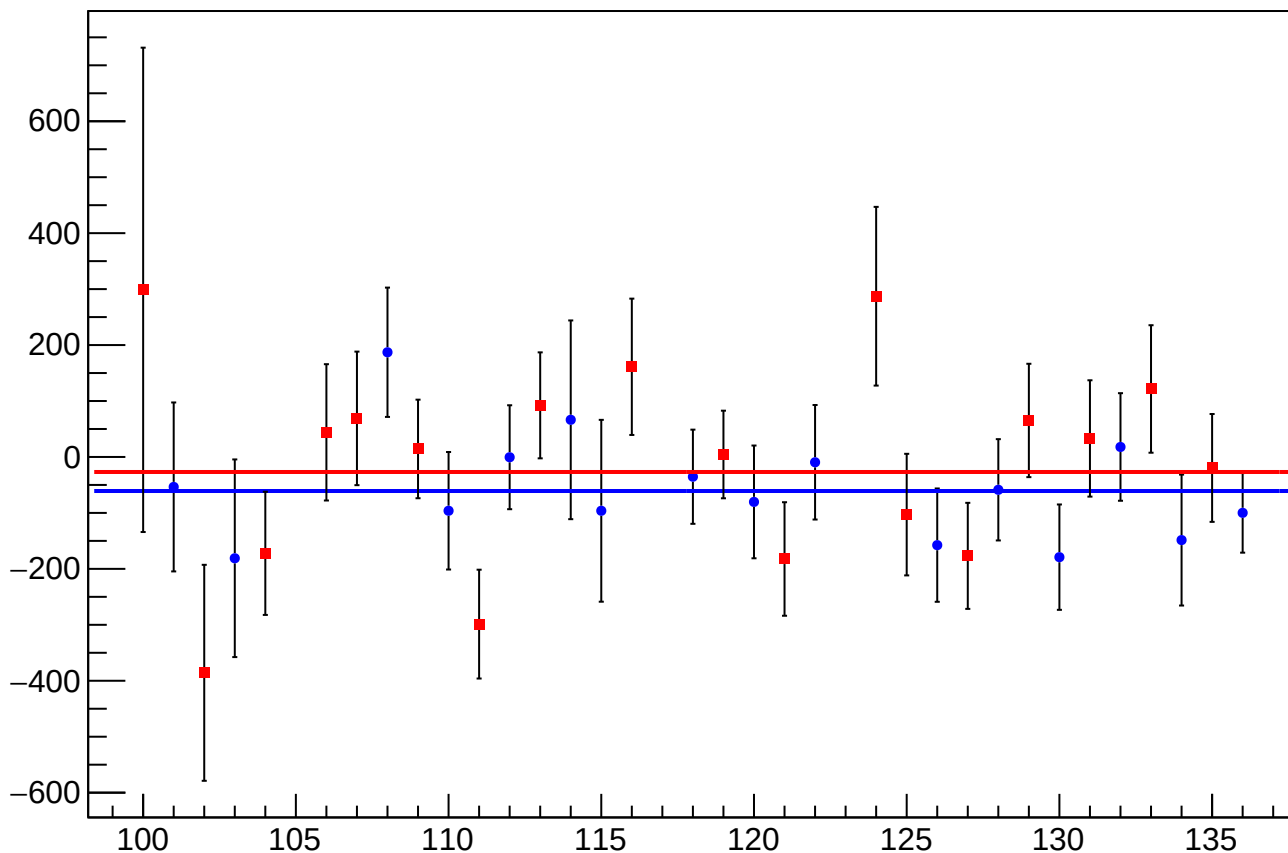
Right: 297.792+/-0.061 χ^2/NDF : 4835212.8/33

In: 311.388+/-0.089 χ^2/NDF :2123799.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 297.792+/-0.061 χ^2/NDF : 4835212.8/33

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: -26.857 $\pm$ 25.515 χ^2 /NDF: 31.0/17

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

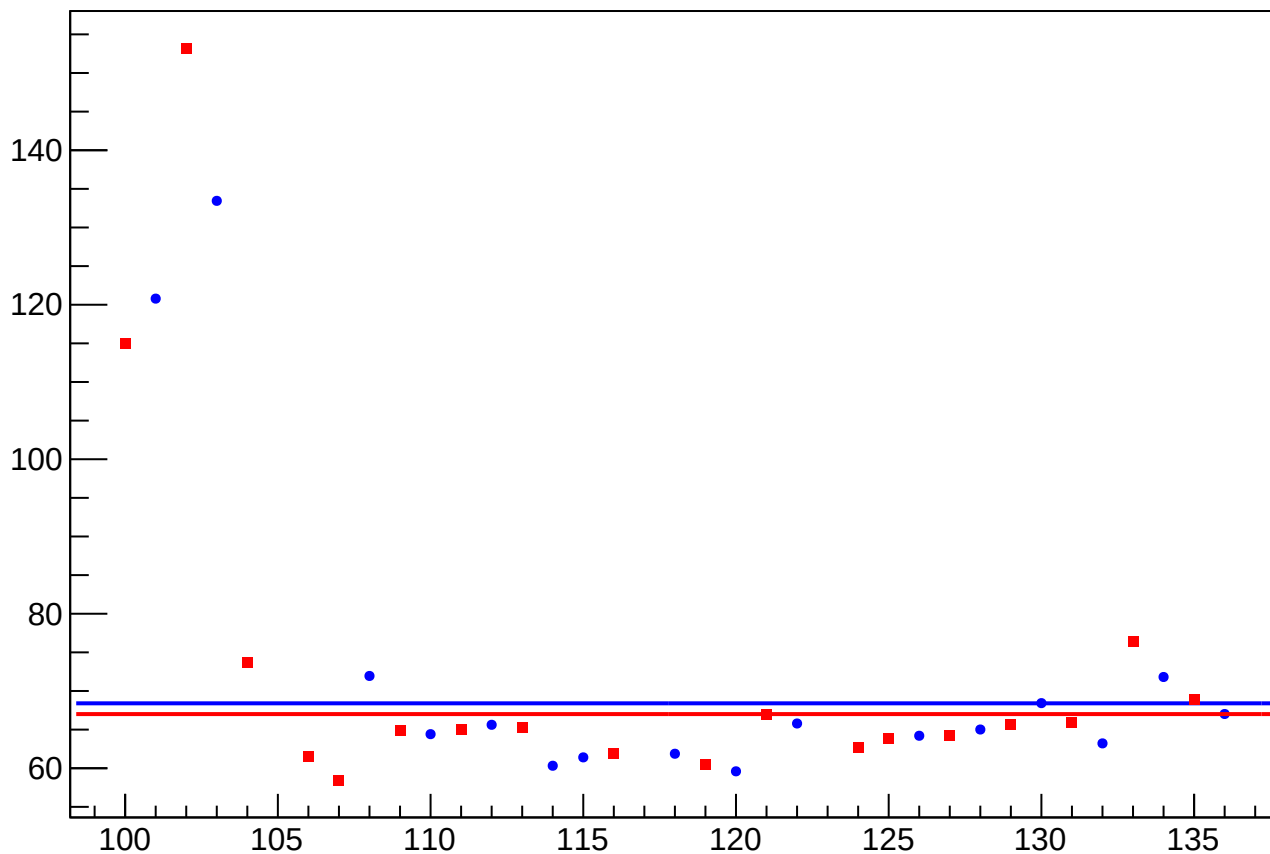
Right: -43.498 $\pm$ 18.229 χ^2 /NDF: 42.4/33

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: -43.498 $\pm$ 18.229 χ^2 /NDF: 42.4/33

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: 67.010+/-0.018 χ^2/NDF : 484462.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

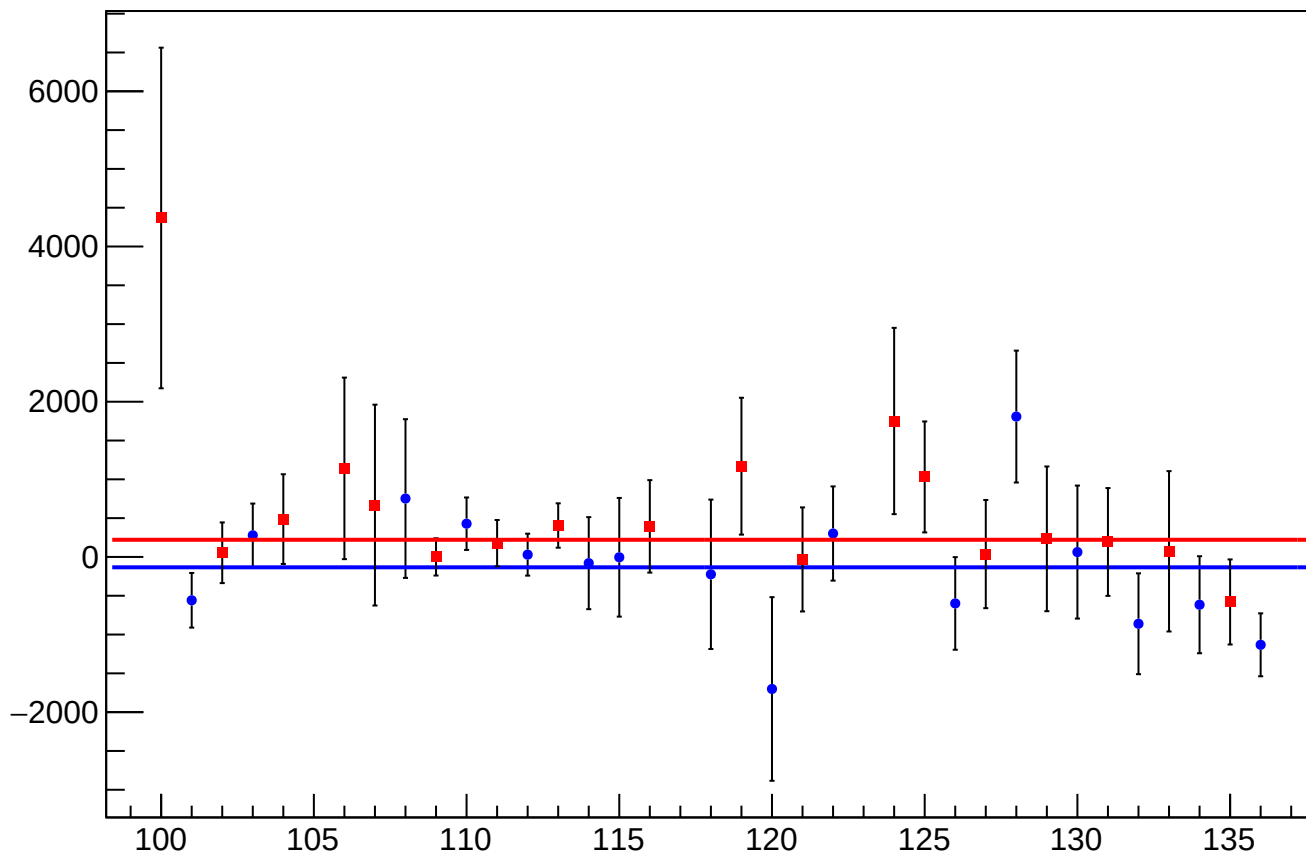
Right: 67.692+/-0.013 χ^2/NDF : 1056940.6/33

In: 68.403+/-0.018 χ^2/NDF : 569557.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.692+/-0.013 χ^2/NDF : 1056940.6/33

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: 221.063+/-119.177 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

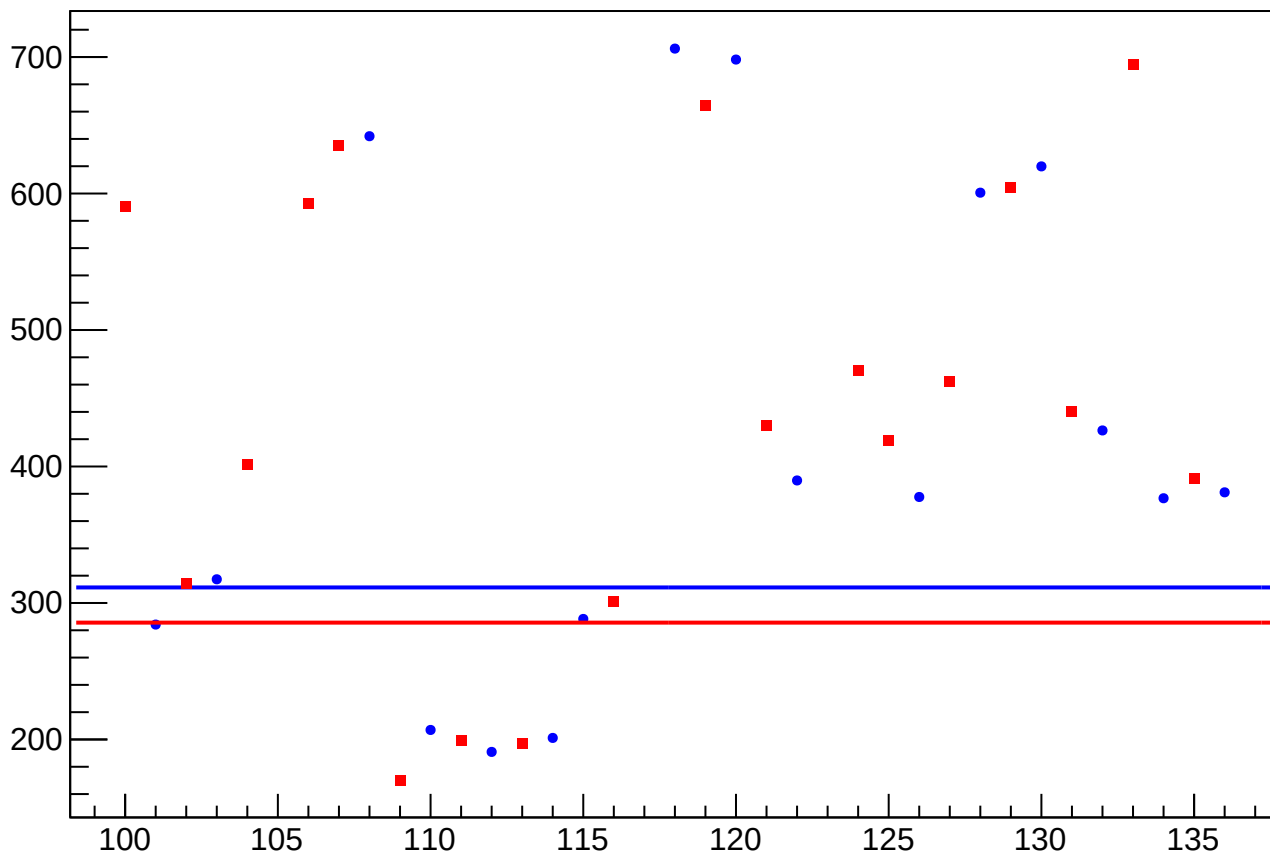
Right: 53.465+/-86.552 χ^2/NDF : 39.2/33

In: -133.587+/-125.904 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.465+/-86.552 χ^2/NDF : 39.2/33

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: 285.611+/-0.084 χ^2/NDF : 2667196.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

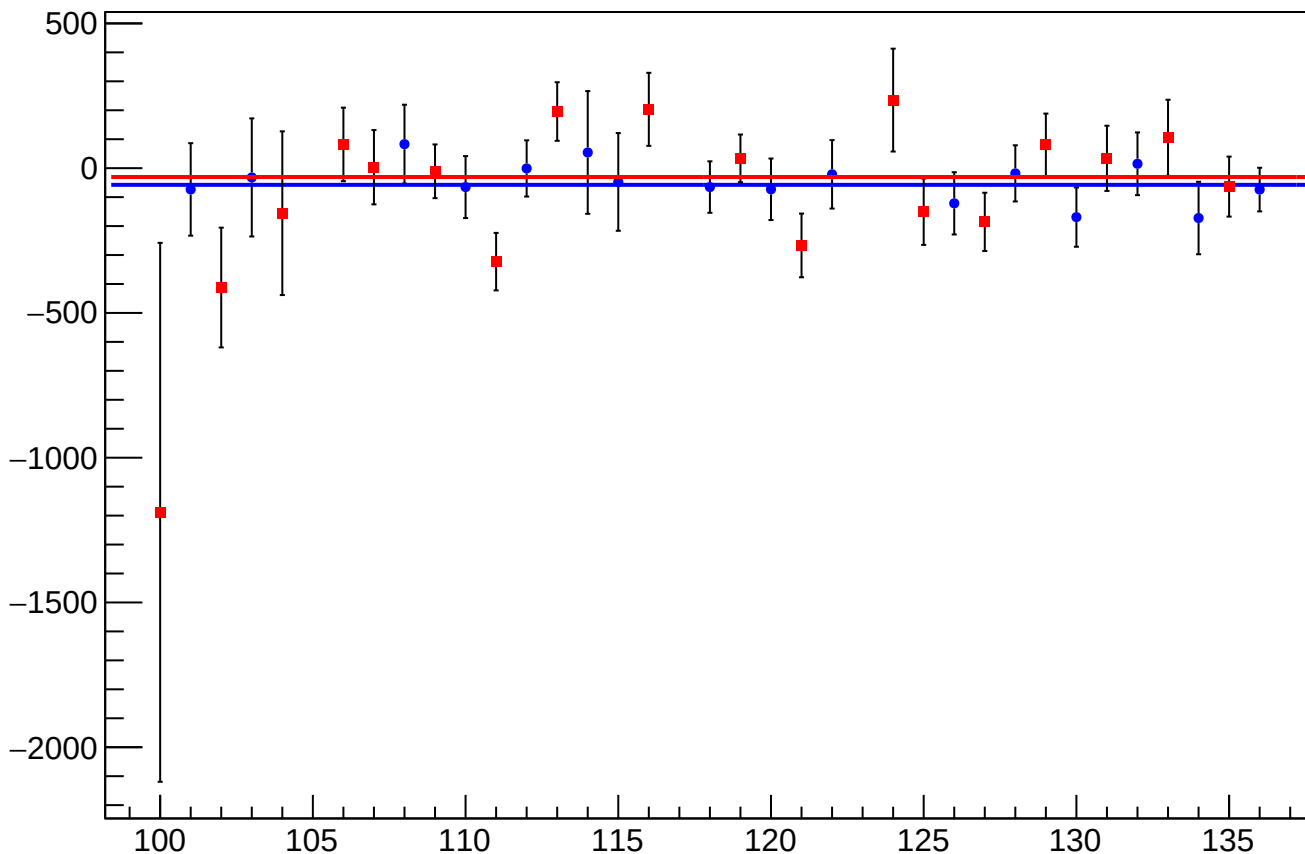
Right: 297.792+/-0.061 χ^2/NDF : 4835212.8/33

In: 311.388+/-0.089 χ^2/NDF : 2123799.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 297.792+/-0.061 χ^2/NDF : 4835212.8/33

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: -30.521 ± 27.836 χ^2/NDF : 36.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

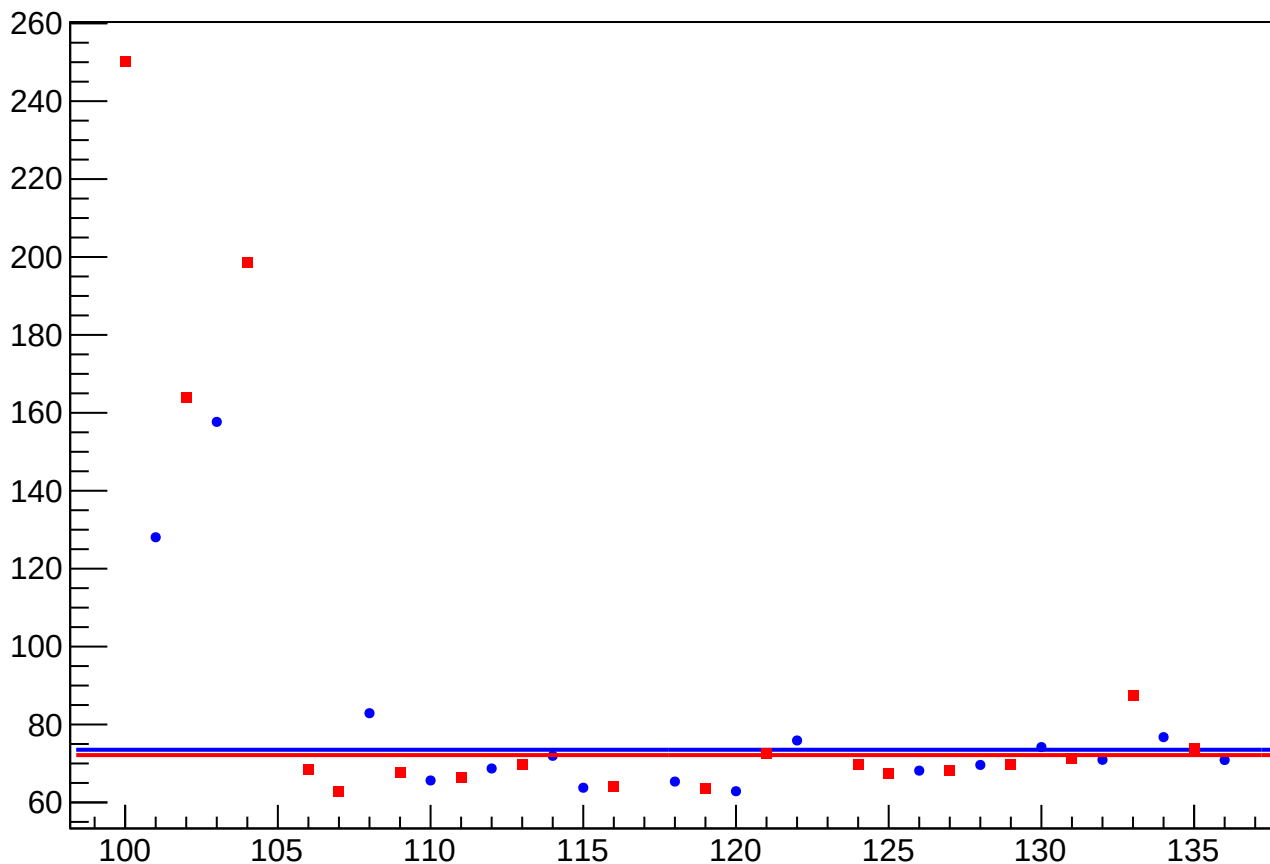
Right: -43.906 ± 19.771 χ^2/NDF : 42.0/33

In: -57.533 ± 28.087 χ^2/NDF : 4.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.906 ± 19.771 χ^2/NDF : 42.0/33

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: 72.149+/-0.020 χ^2/NDF : 958030.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

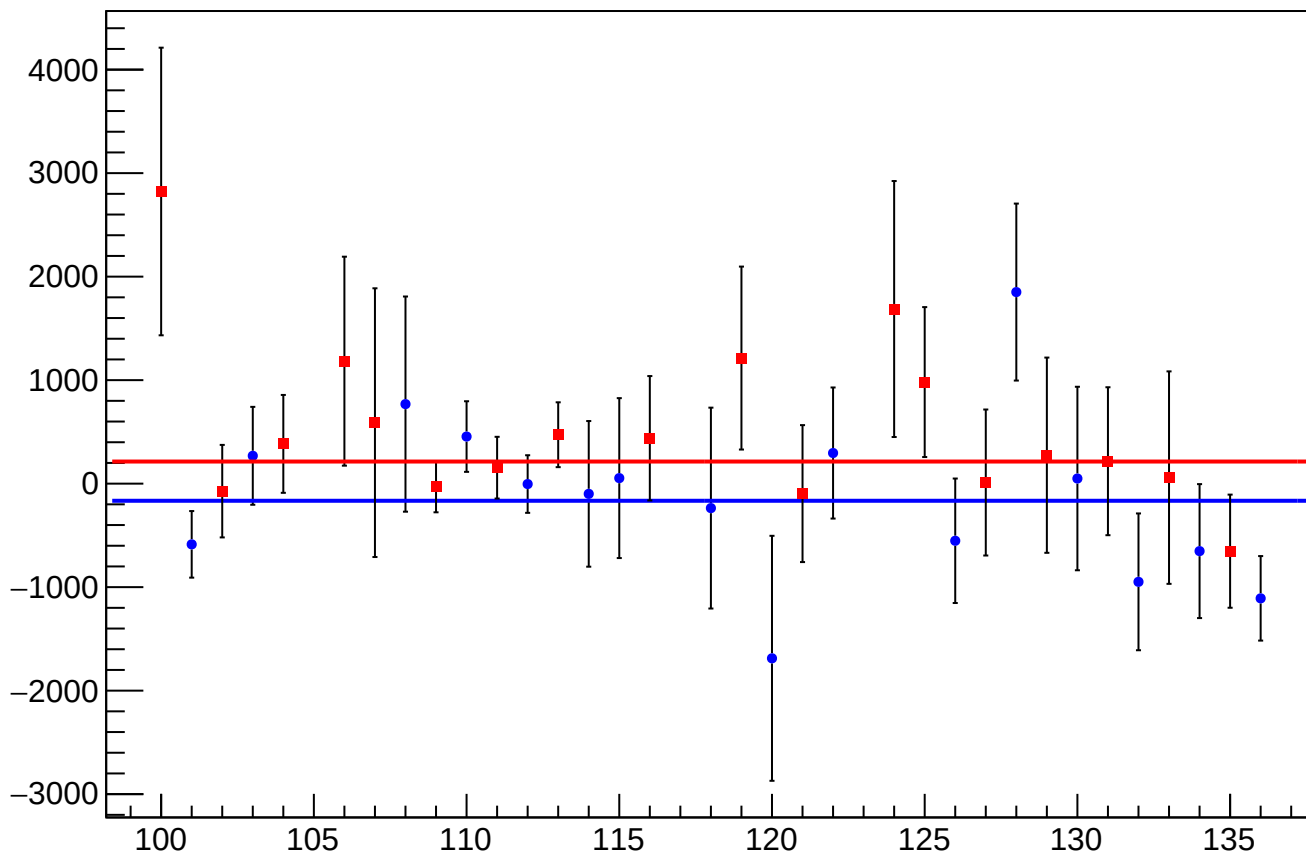
Right: 72.828+/-0.014 χ^2/NDF : 1617279.4/33

In: 73.519+/-0.020 χ^2/NDF : 656847.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.828+/-0.014 χ^2/NDF : 1617279.4/33

asym_sam7_dit_correction_mean vs Slug, Sign Corrected



Right In: -165.500+/-128.438 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 213.583+/-121.361 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

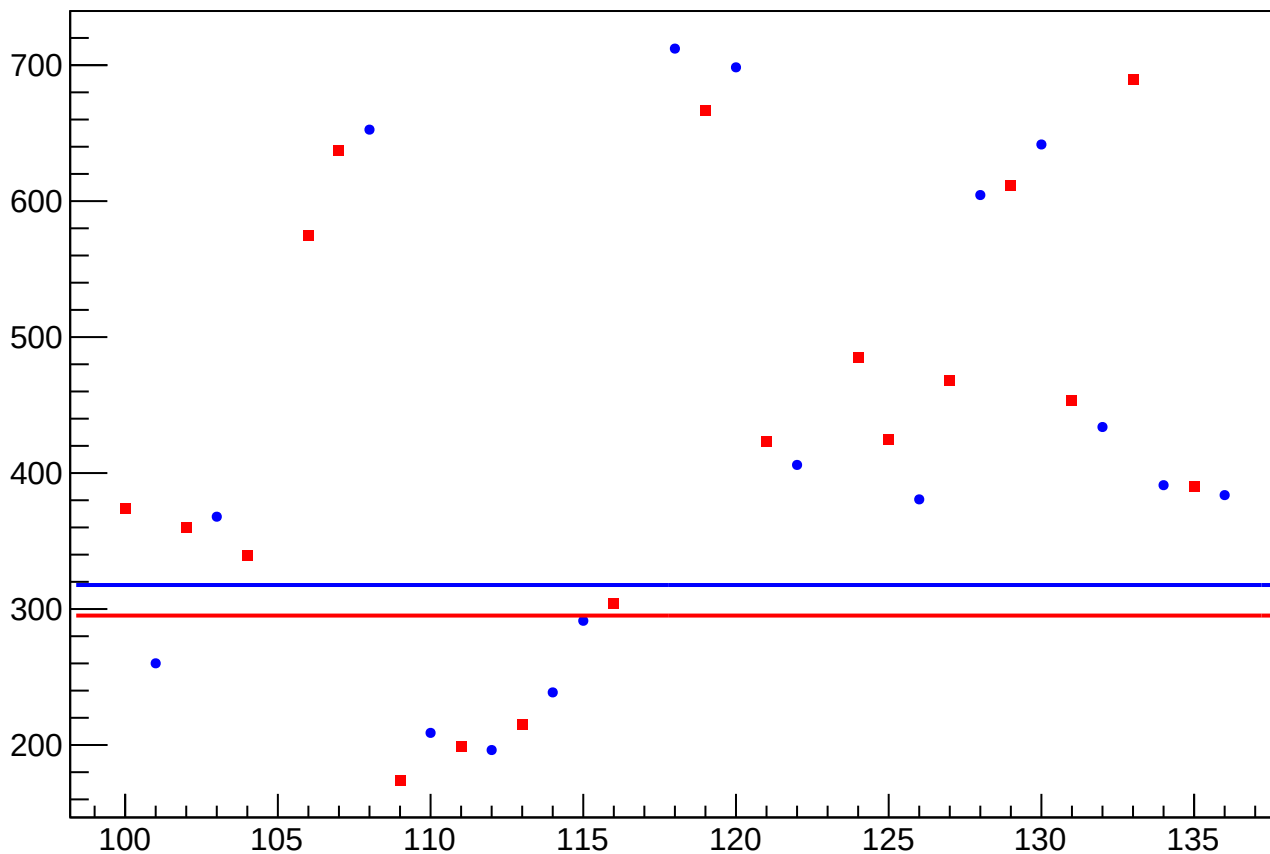
Right: 34.772+/-88.211 χ^2/NDF : 40.8/33

In: -165.500+/-128.438 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.772+/-88.211 χ^2/NDF : 40.8/33

asym_sam7_dit_correction_rms vs Slug, Sign Corrected



Right In: 317.664+/-0.091 χ^2/NDF : 2136192.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 295.190+/-0.086 χ^2/NDF : 2521768.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

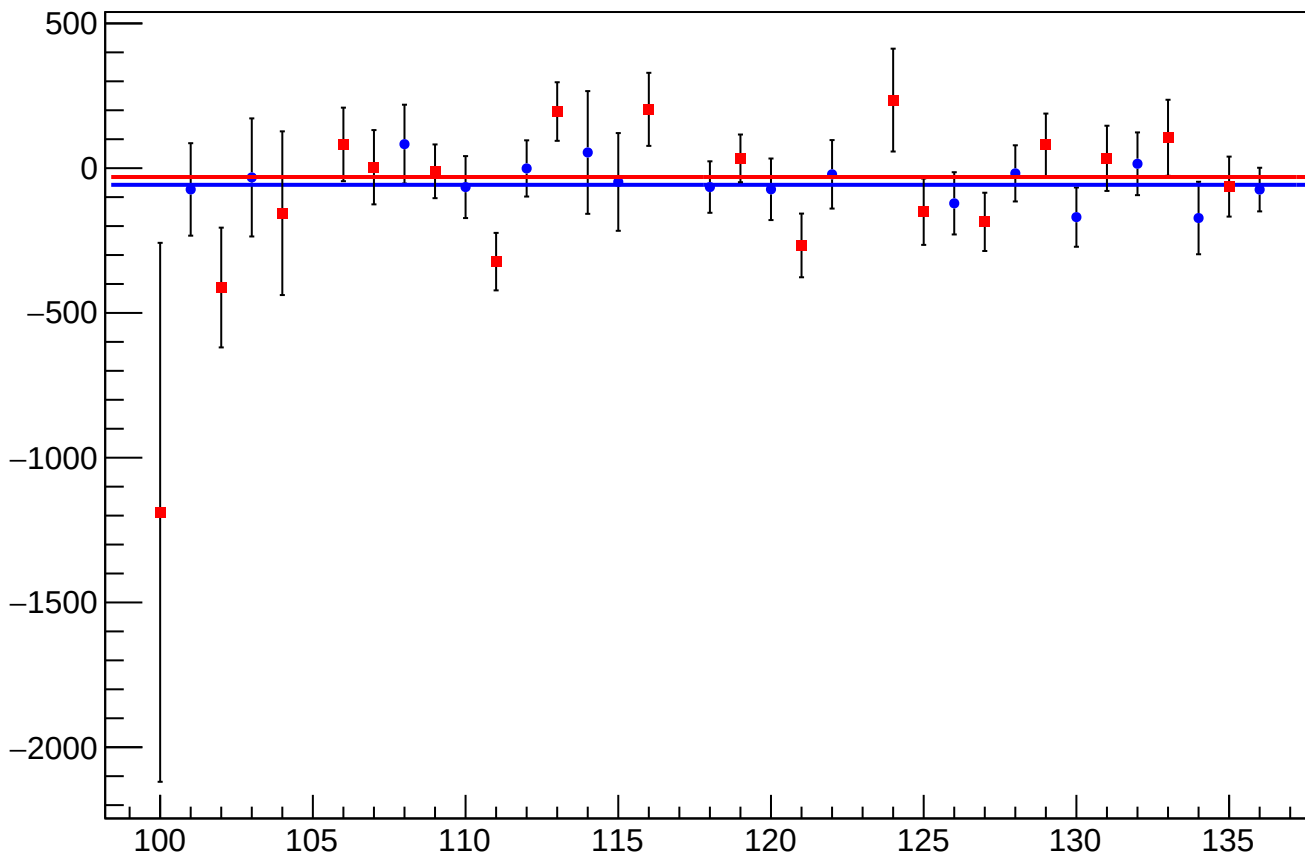
Right: 305.791+/-0.062 χ^2/NDF : 4690312.6/33

In: 317.664+/-0.091 χ^2/NDF : 2136192.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 305.791+/-0.062 χ^2/NDF : 4690312.6/33

eigen_dit_asym_sam7_mean vs Slug, Sign Corrected



Right In: -57.532 $\pm$ 28.087 χ^2 /NDF: 4.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -30.522 $\pm$ 27.836 χ^2 /NDF: 36.6/17

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

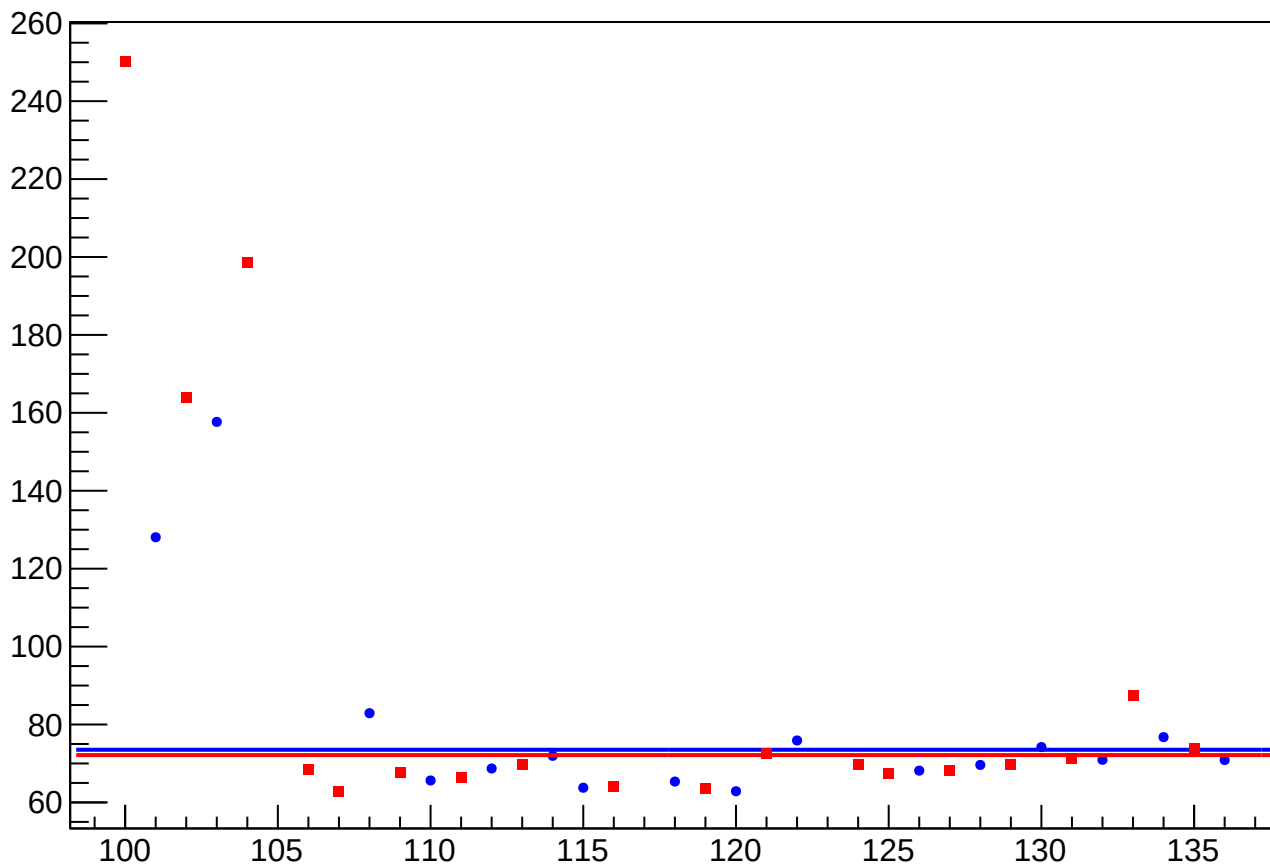
Right: -43.906 $\pm$ 19.771 χ^2 /NDF: 42.0/33

In: -57.532 $\pm$ 28.087 χ^2 /NDF:4.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -43.906 $\pm$ 19.771 χ^2 /NDF: 42.0/33

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: 72.149+/-0.020 χ^2/NDF : 958032.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

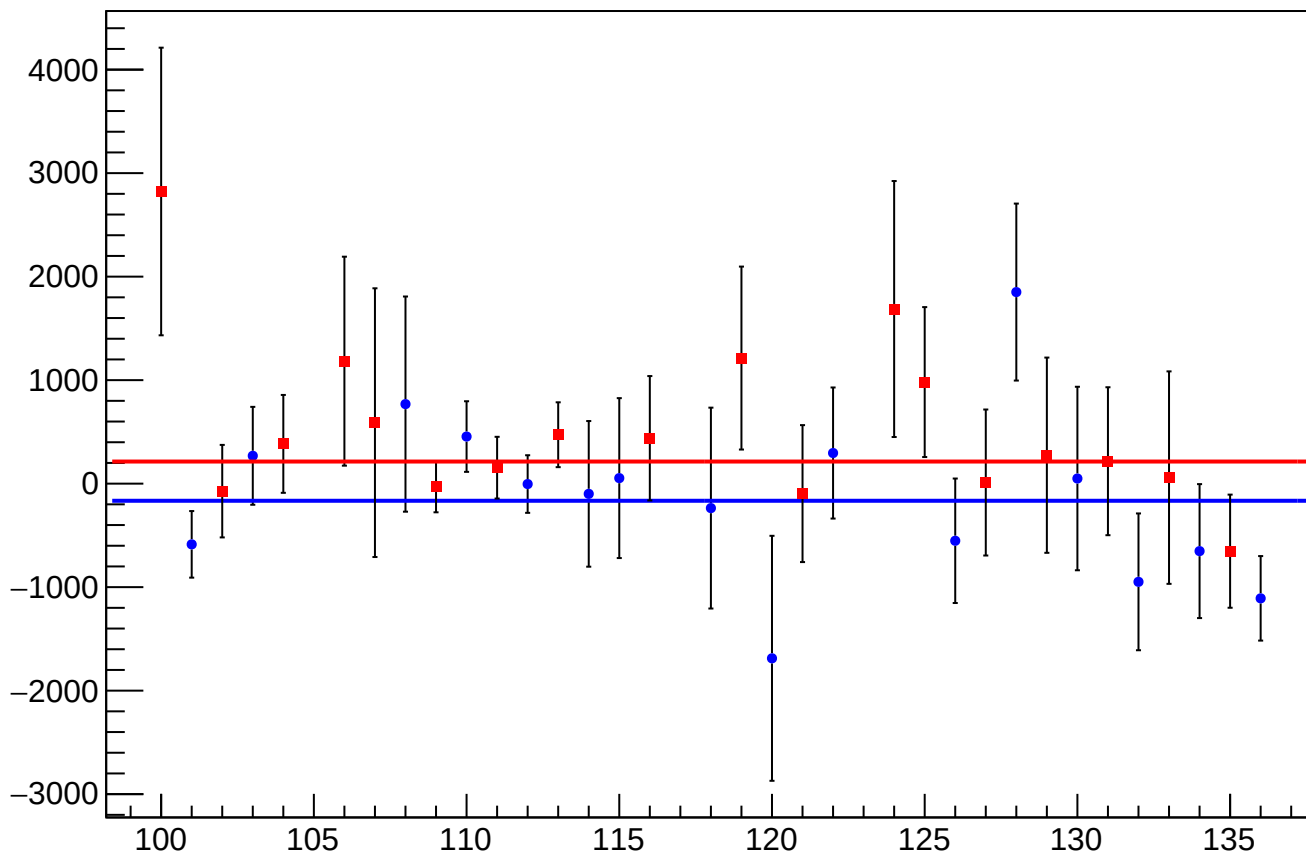
Right: 72.828+/-0.014 χ^2/NDF : 1617282.3/33

In: 73.519+/-0.020 χ^2/NDF :656849.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 72.828+/-0.014 χ^2/NDF : 1617282.3/33

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: 213.582+/-121.361 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

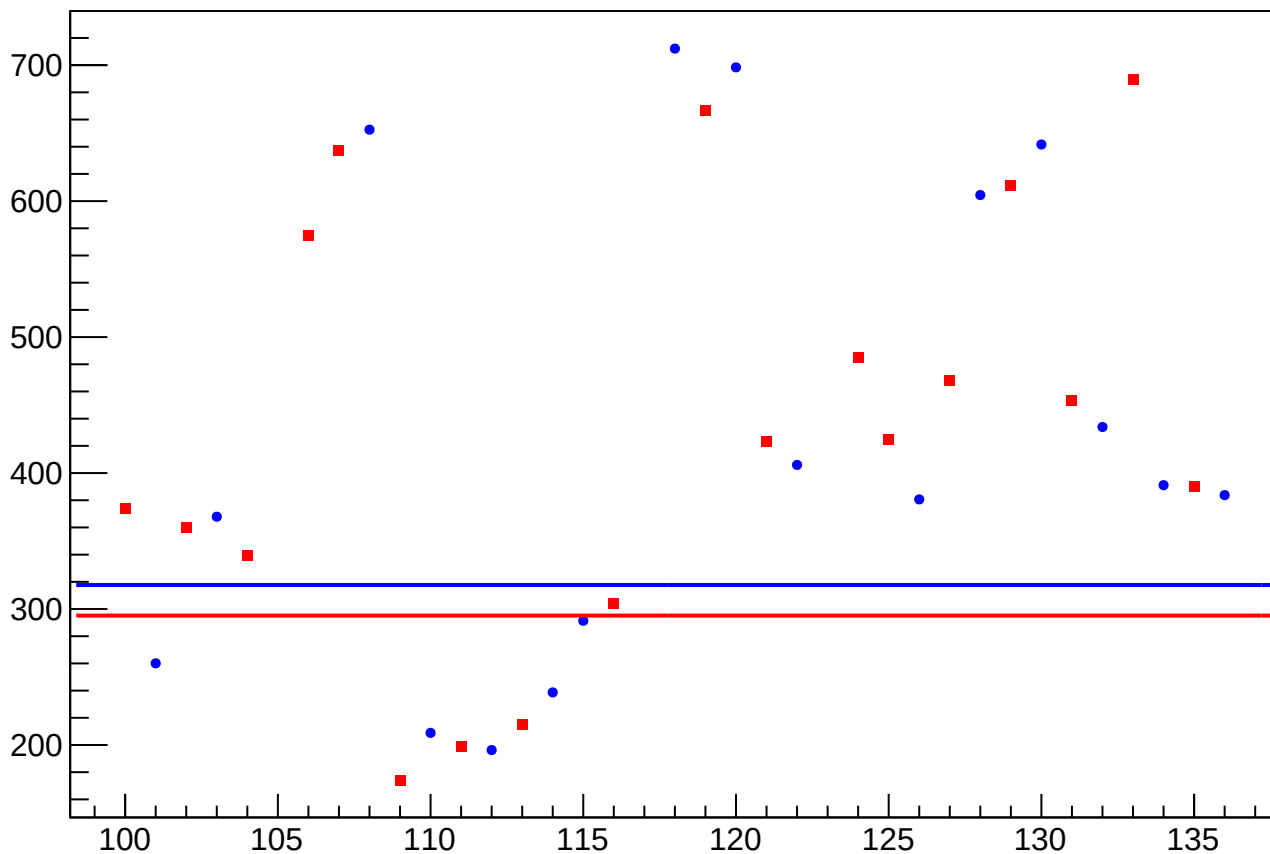
Right: 34.771+/-88.210 χ^2/NDF : 40.8/33

In: -165.498+/-128.437 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.771+/-88.210 χ^2/NDF : 40.8/33

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: 295.188 $\pm$ 0.086 χ^2 /NDF: 2521778.6/17

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

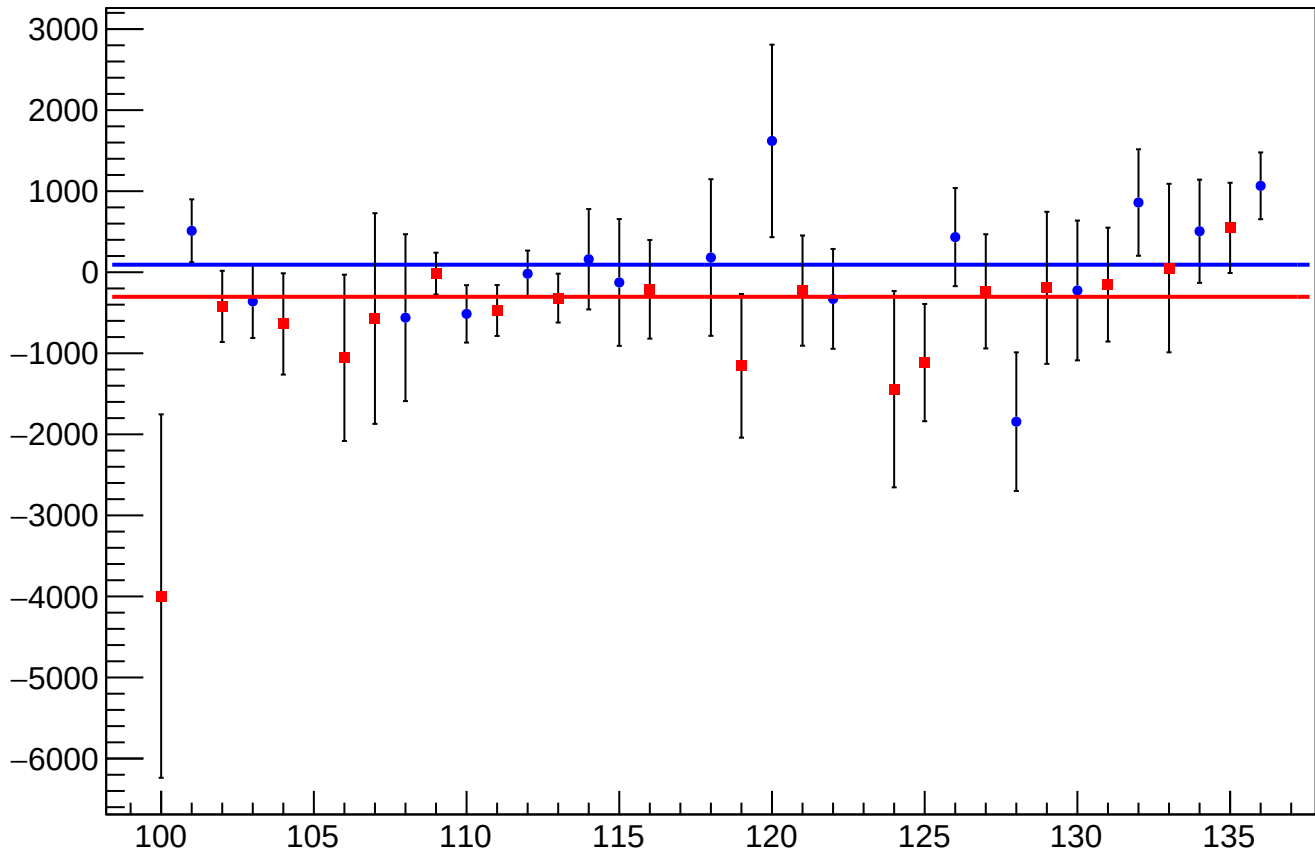
Right: 305.789 $\pm$ 0.062 χ^2 /NDF: 4690352.4/33

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: 305.789 $\pm$ 0.062 χ^2 /NDF: 4690352.4/33

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: -303.388+/-125.252 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

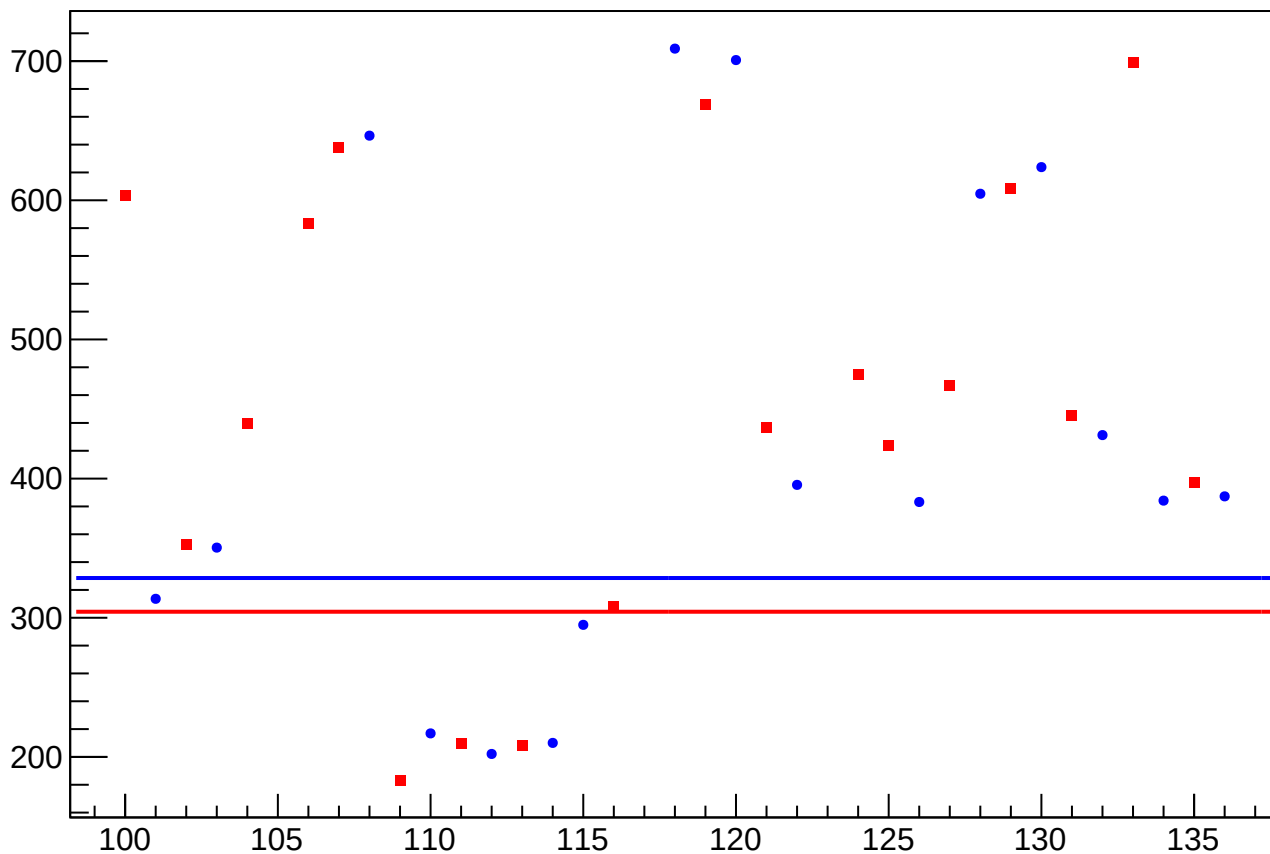
Right: -115.569+/-90.835 χ^2/NDF : 36.4/33

In: 92.803+/-131.927 χ^2/NDF : 20.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -115.569+/-90.835 χ^2/NDF : 36.4/33

asym_sam7_rms vs Slug, Sign Corrected



Right In: 328.567 ± 0.093 $\chi^2/\text{NDF}: 1958873.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 304.333 ± 0.089 $\chi^2/\text{NDF}: 2510988.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

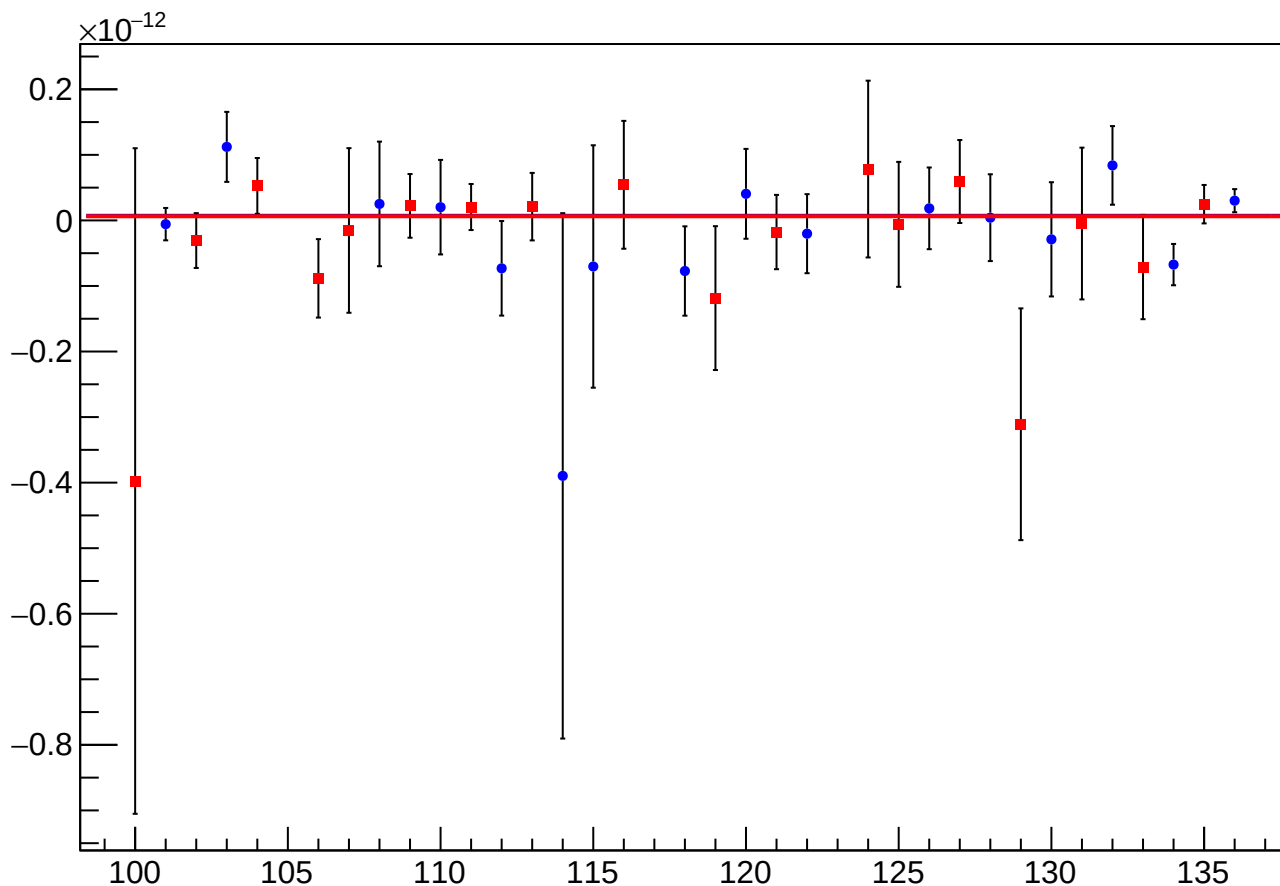
Right: 315.821 ± 0.064 $\chi^2/\text{NDF}: 4505355.2/33$

In: 328.567 ± 0.093 $\chi^2/\text{NDF}: 1958873.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 315.821 ± 0.064 $\chi^2/\text{NDF}: 4505355.2/33$

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 : 12.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

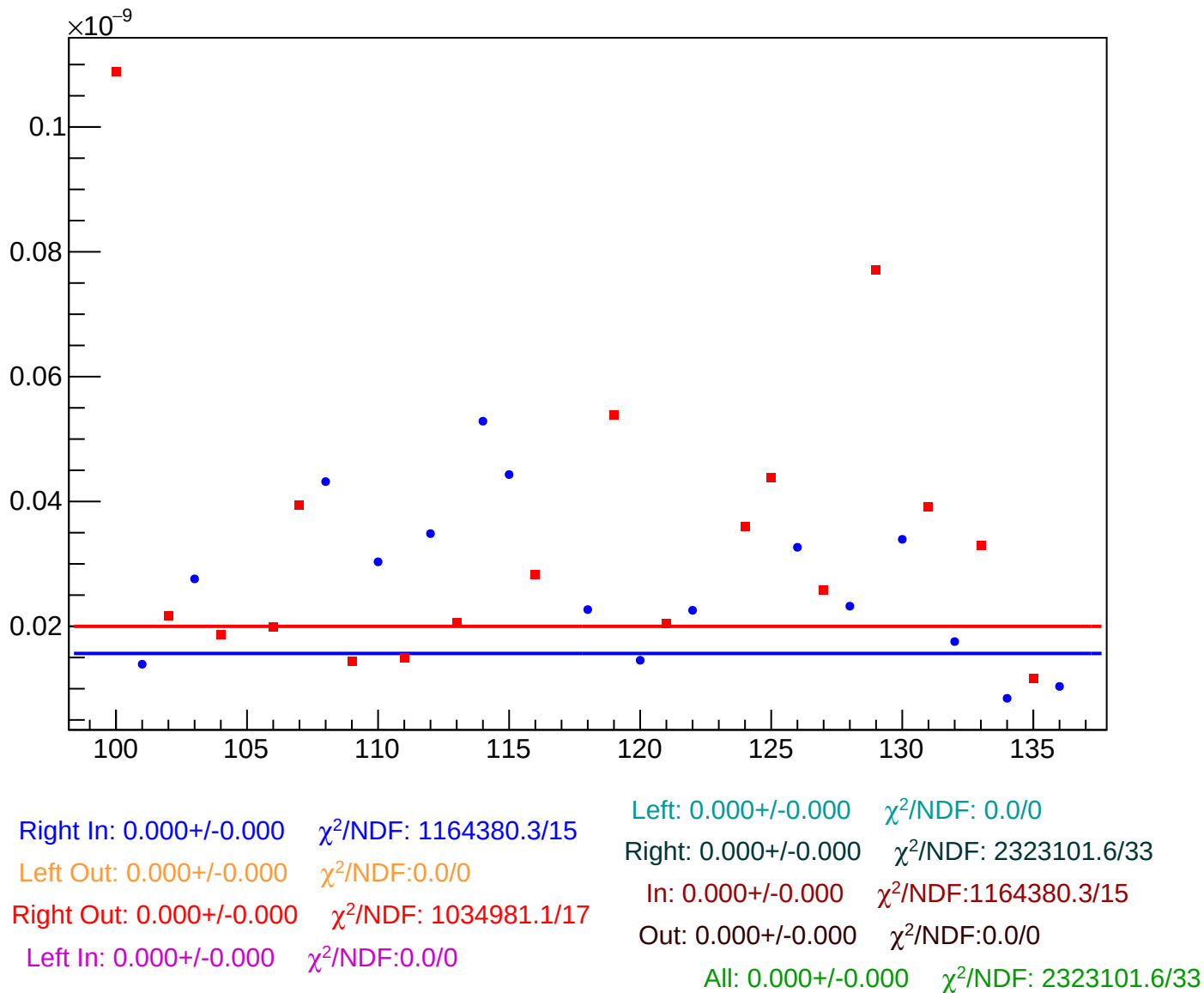
Right: 0.000+/-0.000 χ^2/NDF : 30.5/33

In: 0.000+/-0.000 χ^2/NDF : 17.7/15

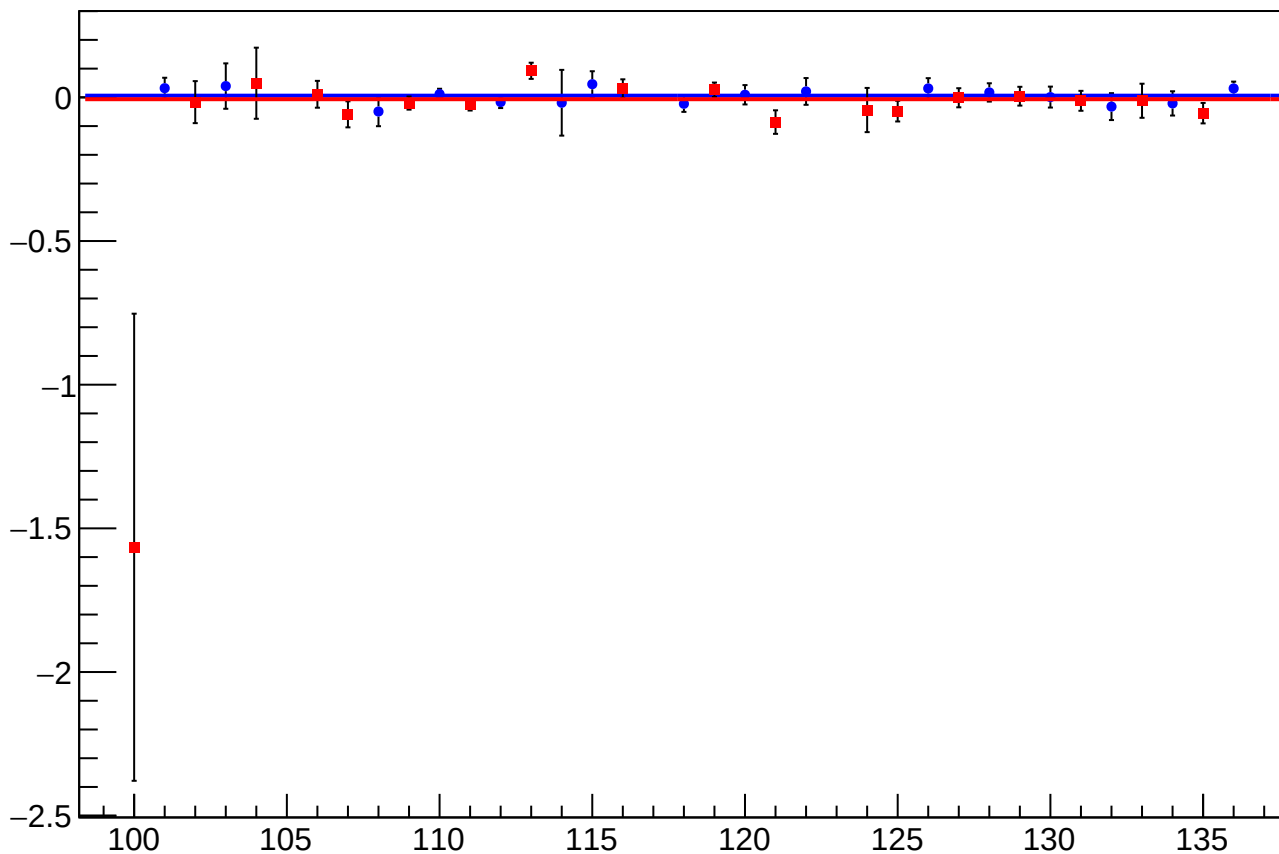
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.5/33

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: -0.006 $\pm$ 0.008 χ^2 /NDF: 29.4/17

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

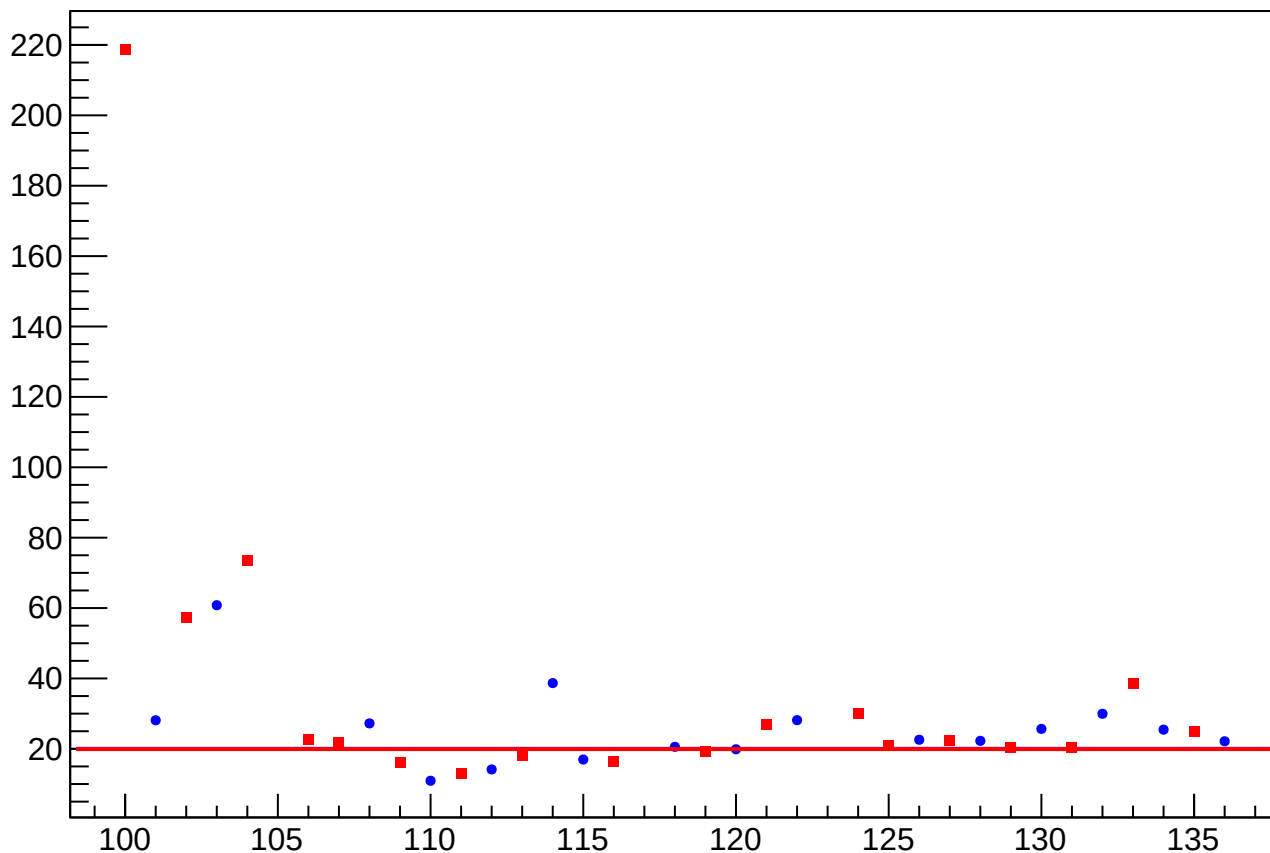
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: 19.932+/-0.006 χ^2/NDF : 1715947.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

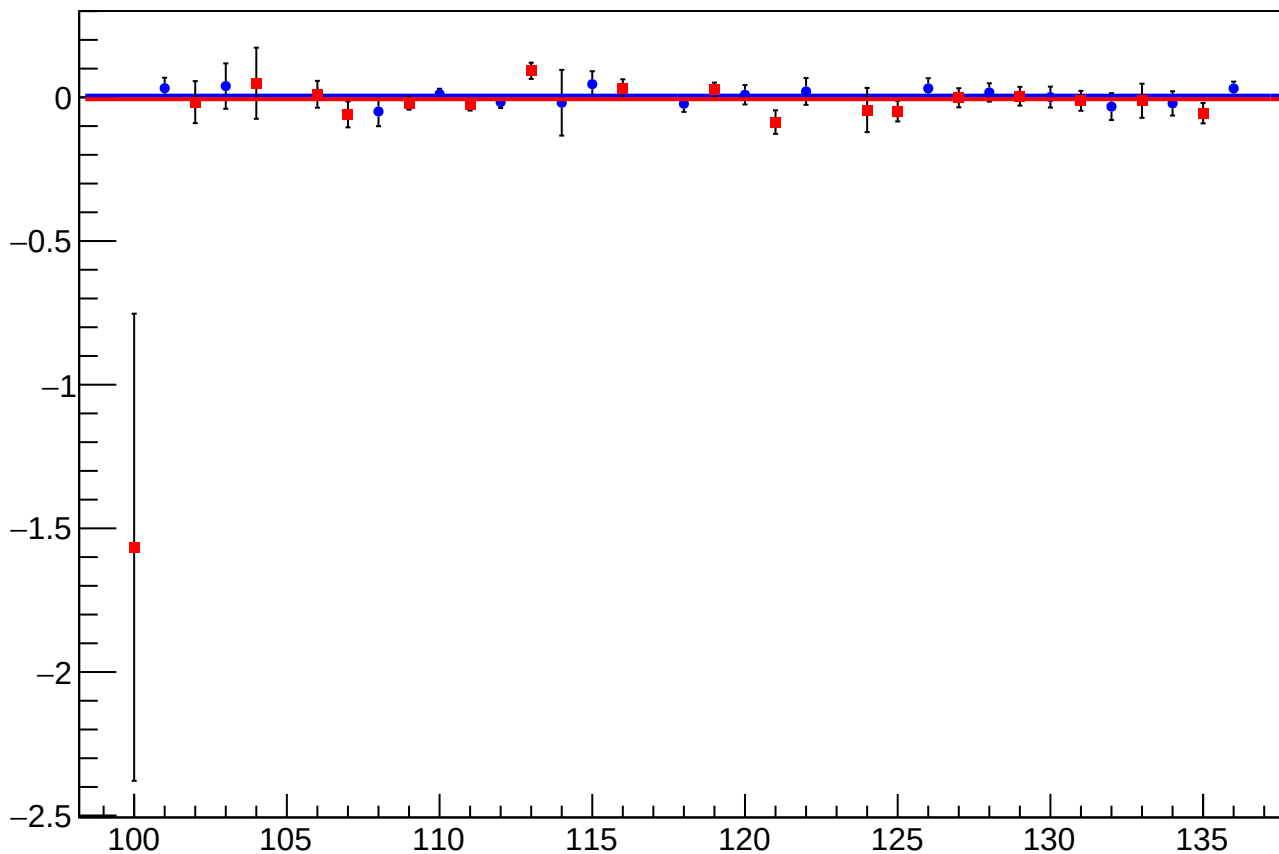
Right: 19.966+/-0.004 χ^2/NDF : 3357388.5/33

In: 20.000+/-0.006 χ^2/NDF :1641371.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 19.966+/-0.004 χ^2/NDF : 3357388.5/33

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: -0.006 $\pm$ 0.008 χ^2 /NDF: 29.4/17

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

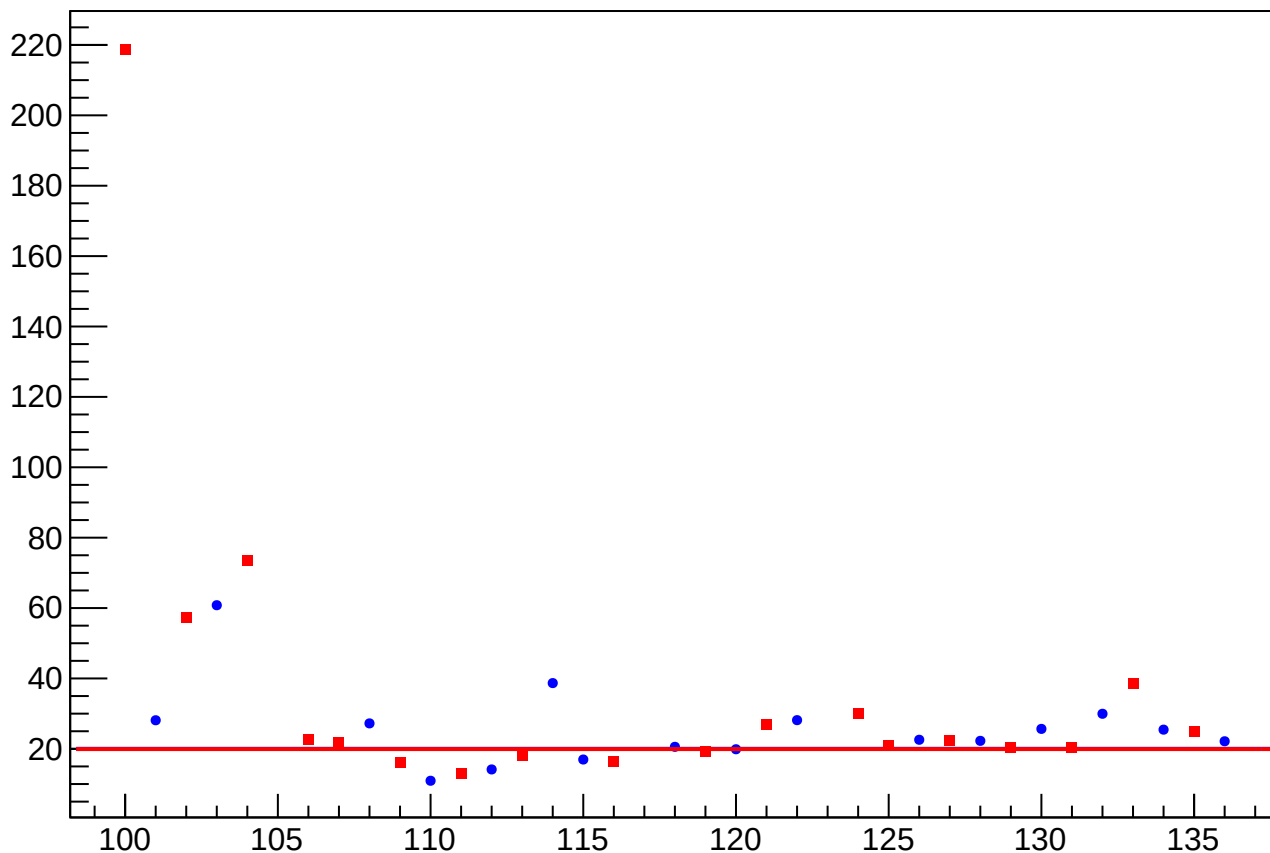
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: 19.932+/-0.006 χ^2 /NDF: 1715947.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

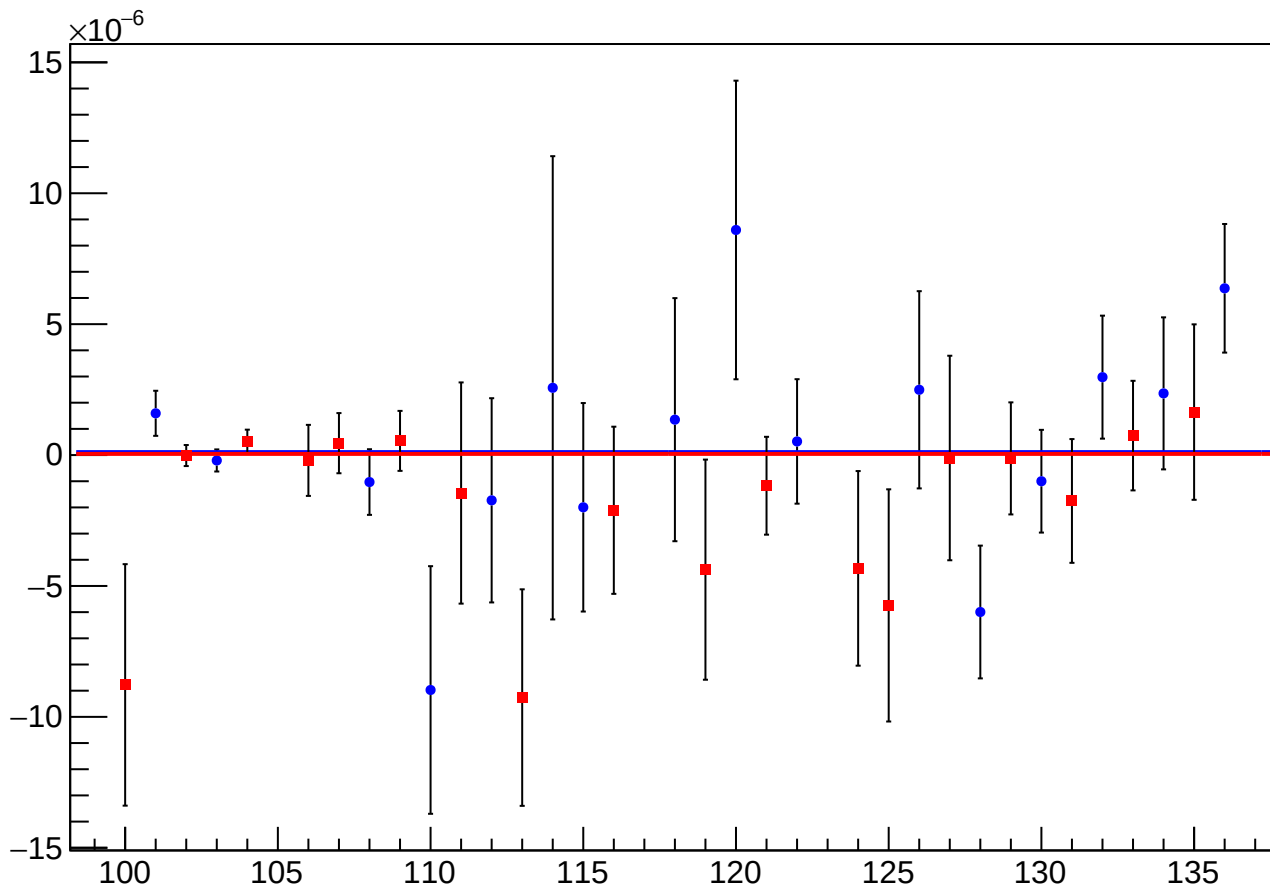
Right: 19.966+/-0.004 χ^2 /NDF: 3357388.5/33

In: 20.000+/-0.006 χ^2 /NDF:1641371.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 19.966+/-0.004 χ^2 /NDF: 3357388.5/33

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 : 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

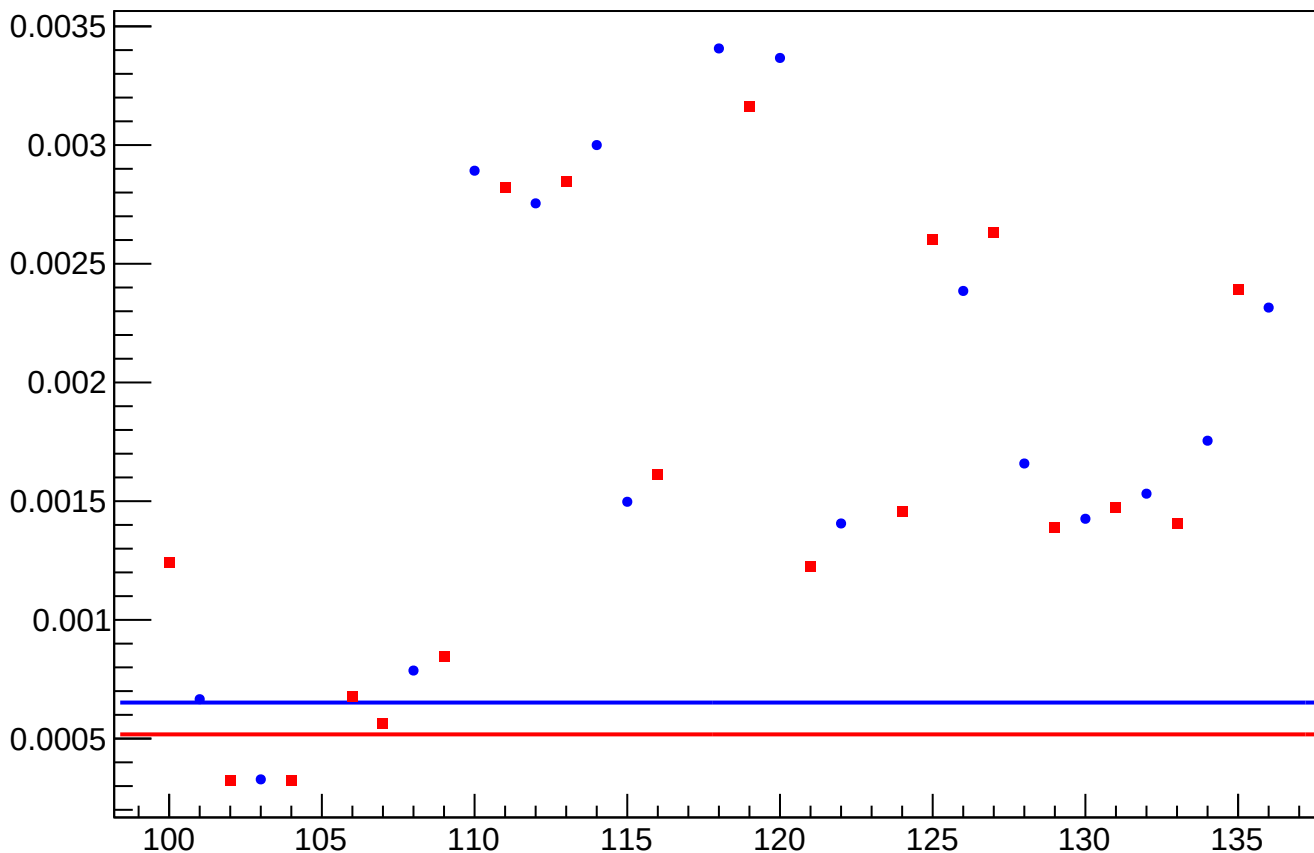
Right: 0.000+/-0.000 χ^2/NDF : 42.4/33

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 : 42.4/33

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 : 6429184.5/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 12987342.8/33

In: 0.001+/-0.000

χ^2/NDF : 6357494.9/15

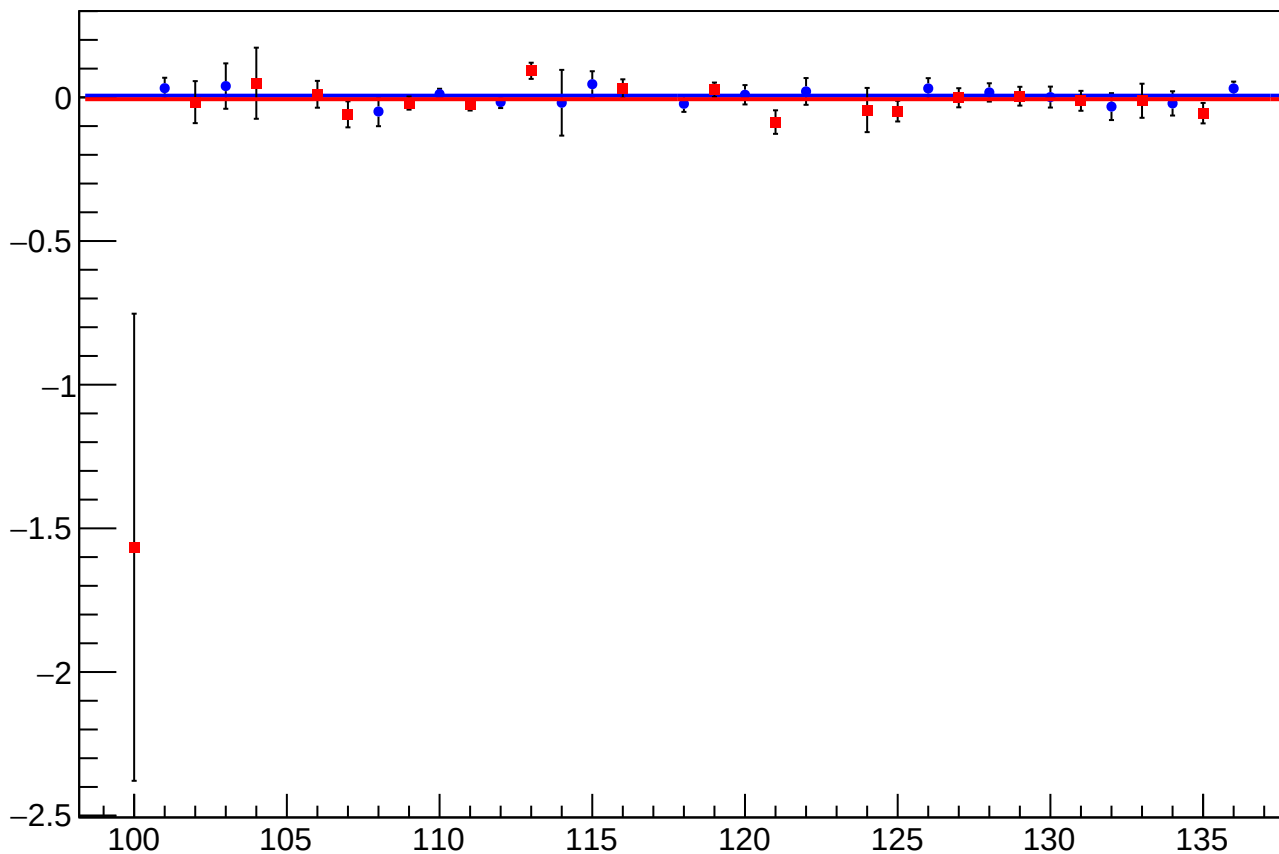
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 12987342.8/33

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: -0.006 $\pm$ 0.008 χ^2 /NDF: 29.4/17

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

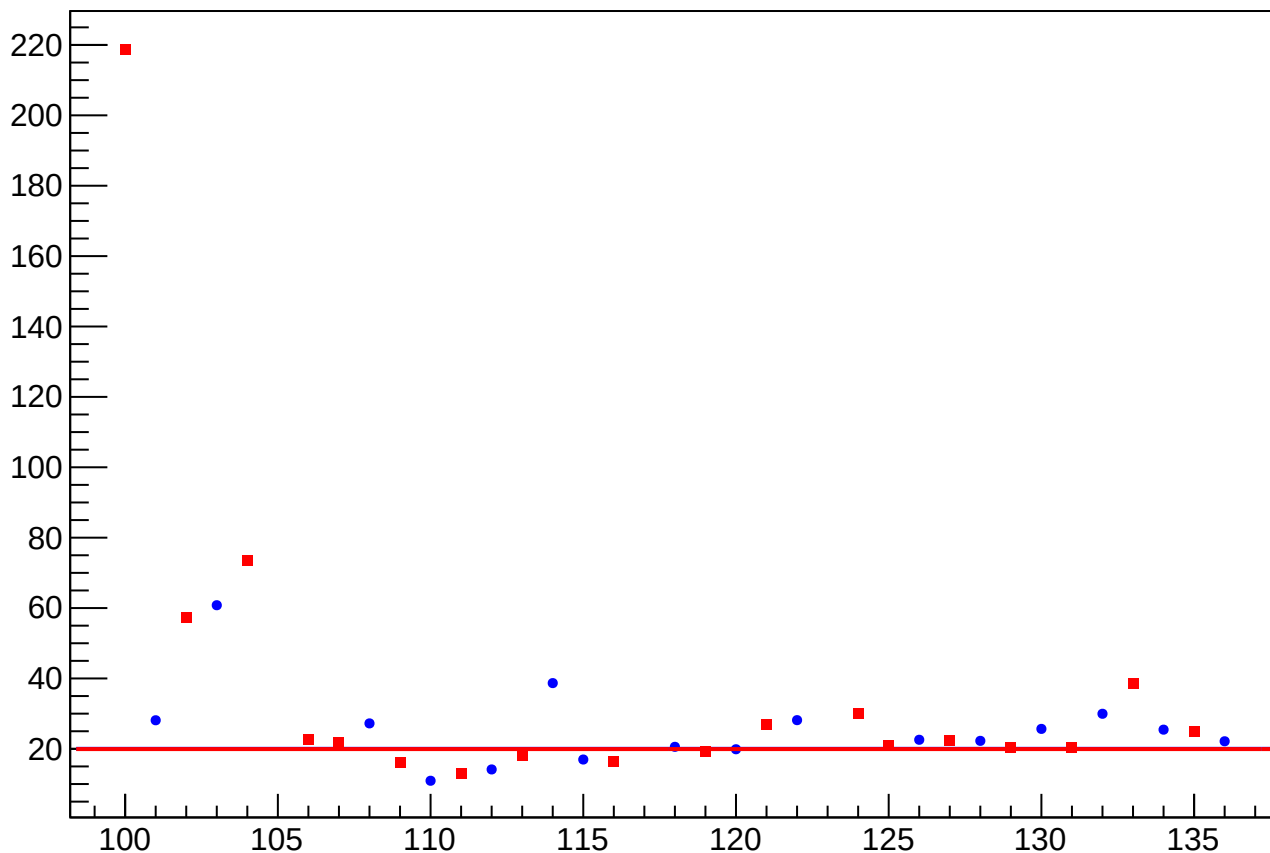
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: 19.932+/-0.006 χ^2/NDF : 1715882.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

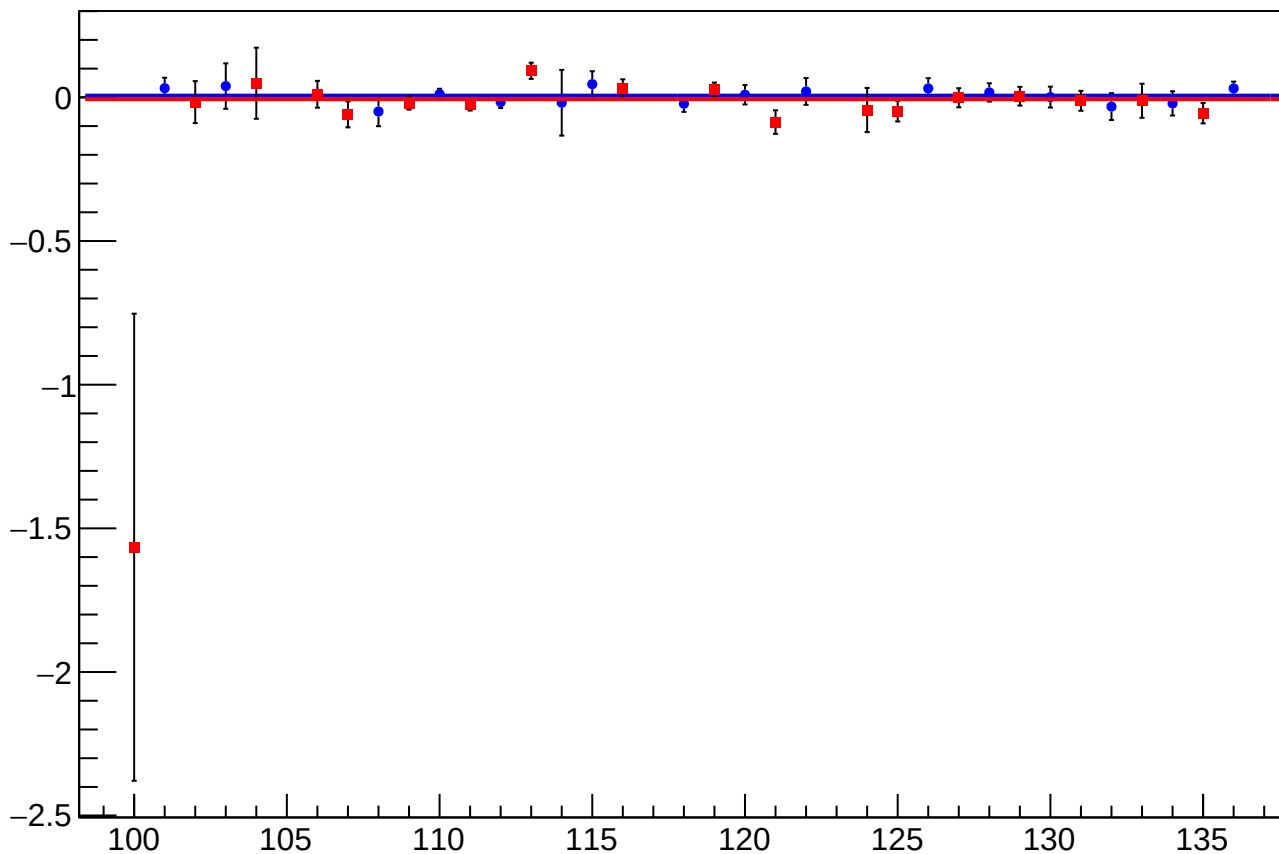
Right: 19.966+/-0.004 χ^2/NDF : 3357149.5/33

In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.966+/-0.004 χ^2/NDF : 3357149.5/33

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: -0.006 $\pm$ 0.008 χ^2 /NDF: 29.4/17

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

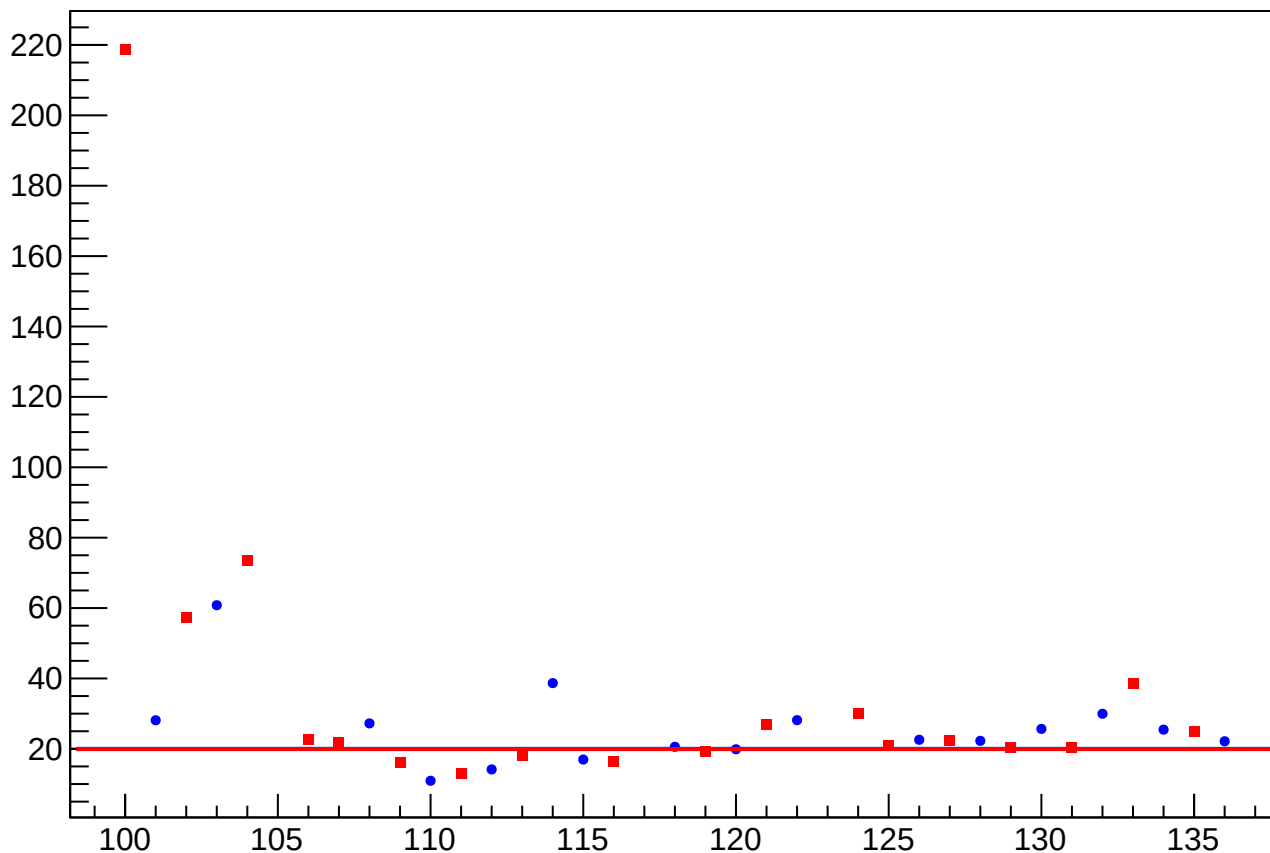
Right: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: -0.000 $\pm$ 0.006 χ^2 /NDF: 38.4/33

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: 19.932+/-0.006 χ^2/NDF : 1715882.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

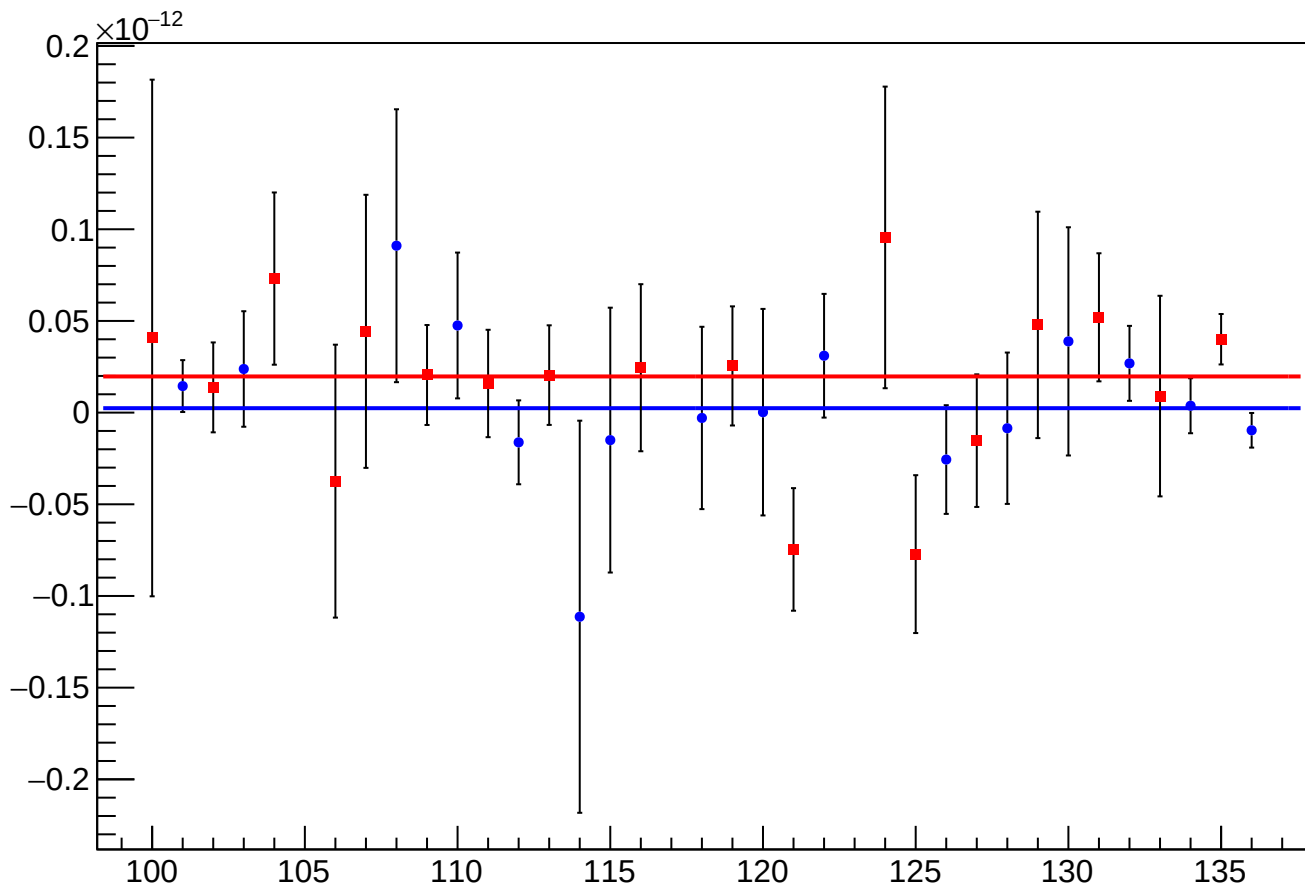
Right: 19.966+/-0.004 χ^2/NDF : 3357149.5/33

In: 20.000+/-0.006 χ^2/NDF : 1641197.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.966+/-0.004 χ^2/NDF : 3357149.5/33

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 : 20.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

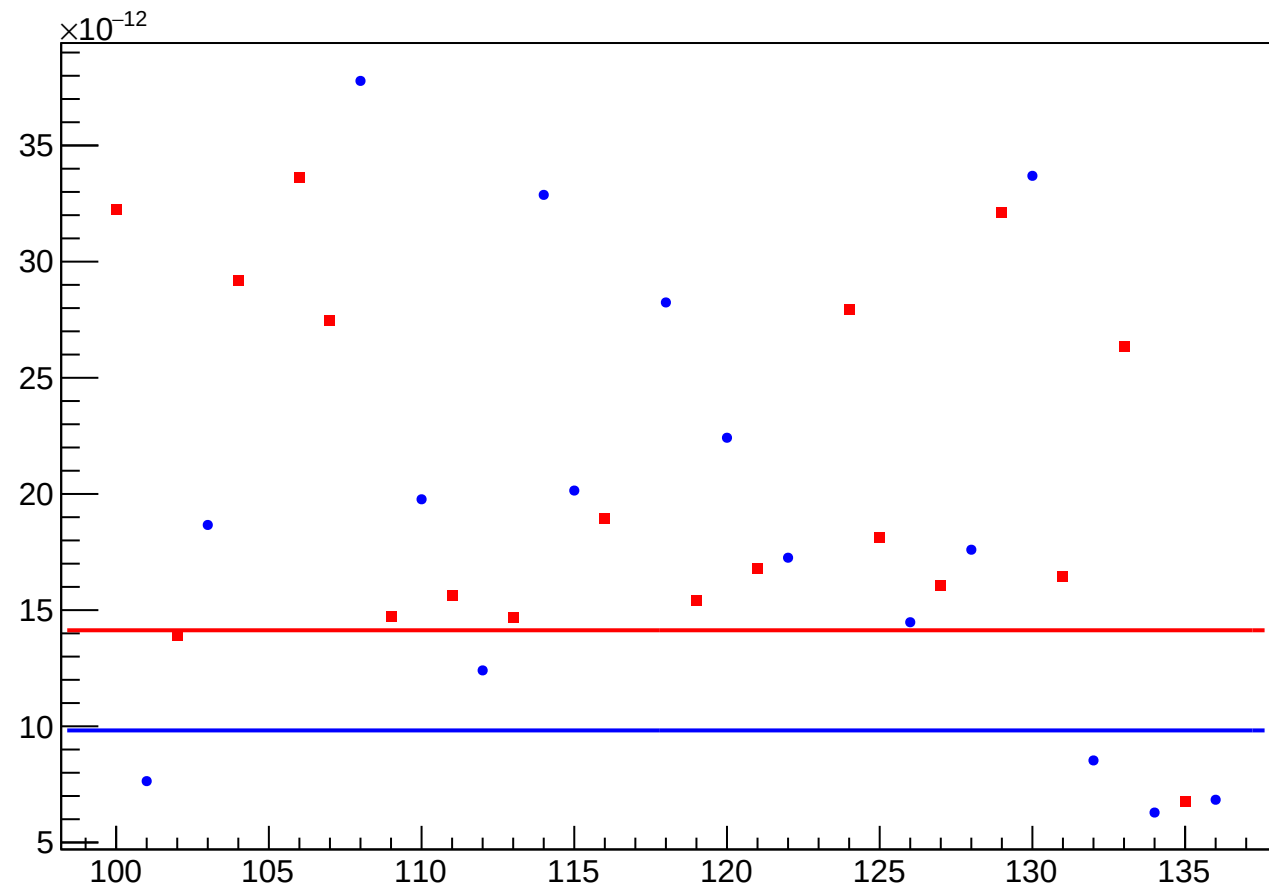
Right: 0.000+/-0.000 χ^2/NDF : 34.3/33

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 : 34.3/33

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 : 1414993.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

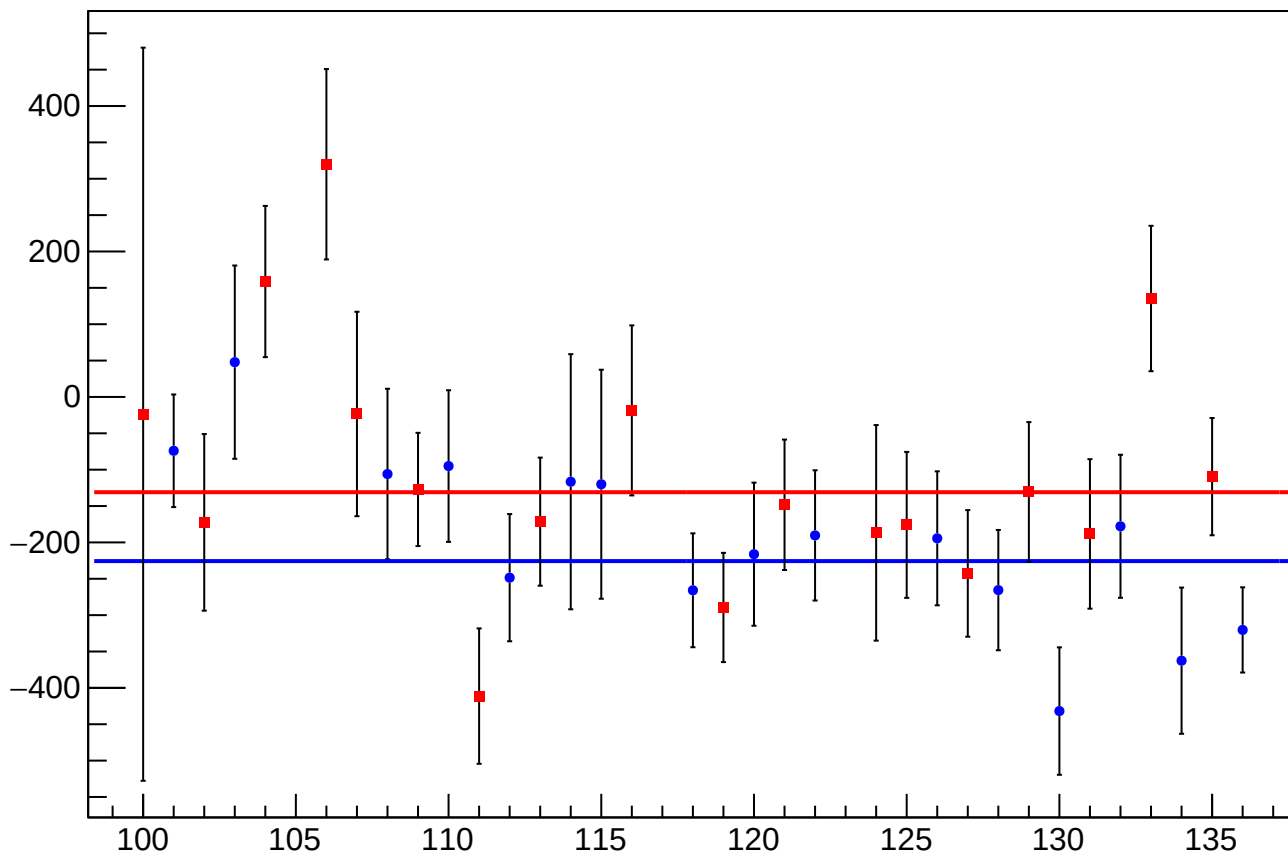
Right: 0.000+/-0.000 χ^2/NDF : 3796391.3/33

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 : 3796391.3/33

reg_asym_sam8_mean vs Slug, Sign Corrected



Right In: -225.692 ± 23.118 $\chi^2/\text{NDF}: 22.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -130.965 ± 23.626 $\chi^2/\text{NDF}: 44.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

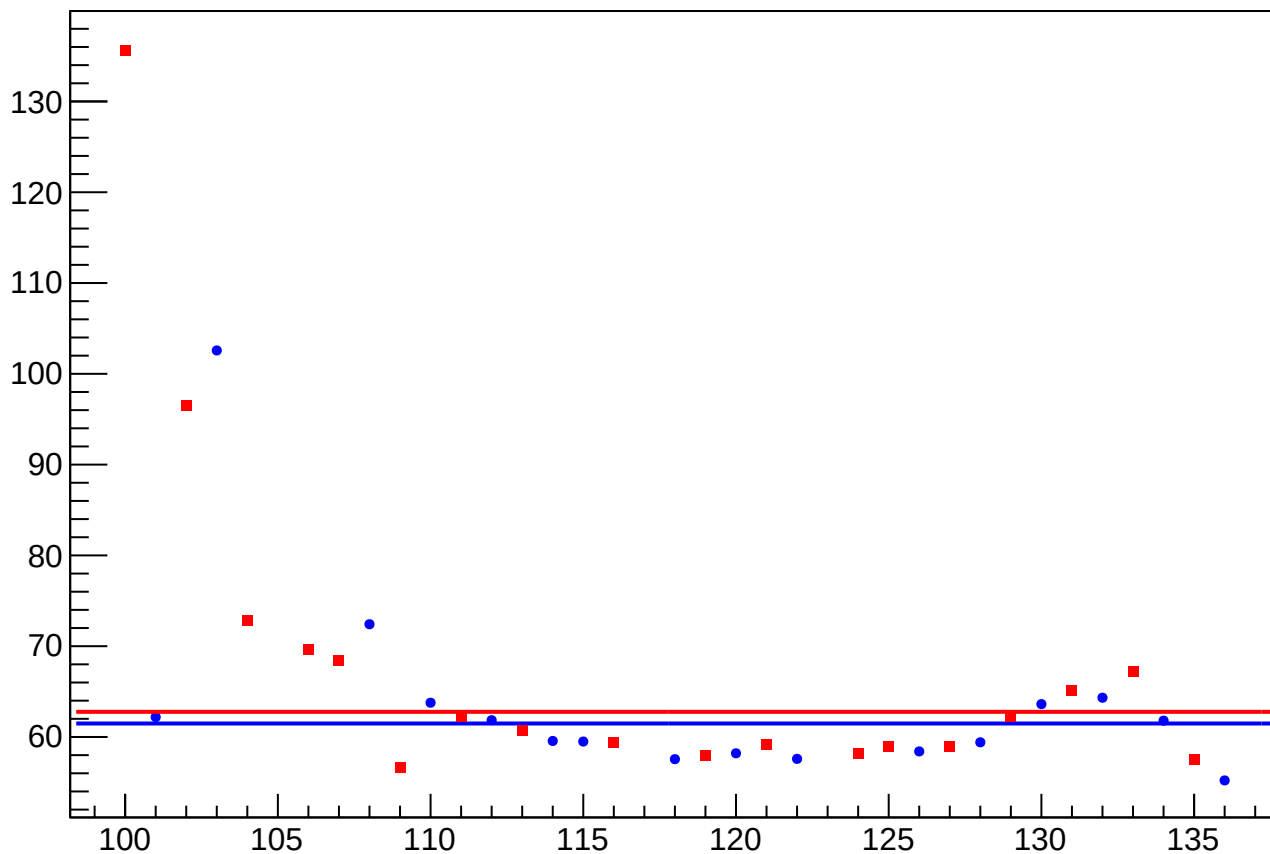
Right: -179.357 ± 16.524 $\chi^2/\text{NDF}: 75.4/33$

In: -225.692 ± 23.118 $\chi^2/\text{NDF}: 22.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -179.357 ± 16.524 $\chi^2/\text{NDF}: 75.4/33$

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: 62.772+/-0.017 χ^2/NDF : 272547.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

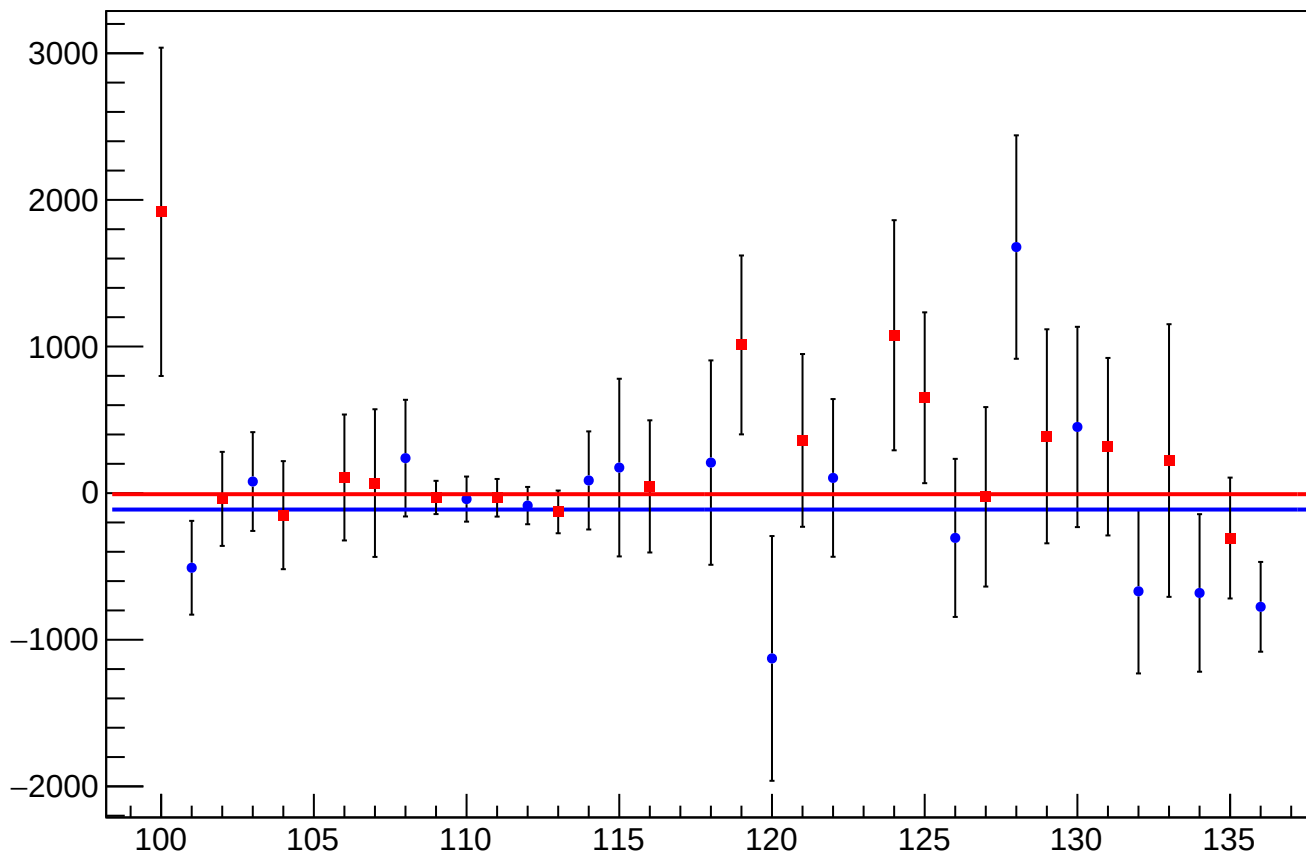
Right: 62.115+/-0.012 χ^2/NDF : 526242.5/33

In: 61.486+/-0.016 χ^2/NDF : 250669.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.115+/-0.012 χ^2/NDF : 526242.5/33

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: -7.164+/-64.252 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

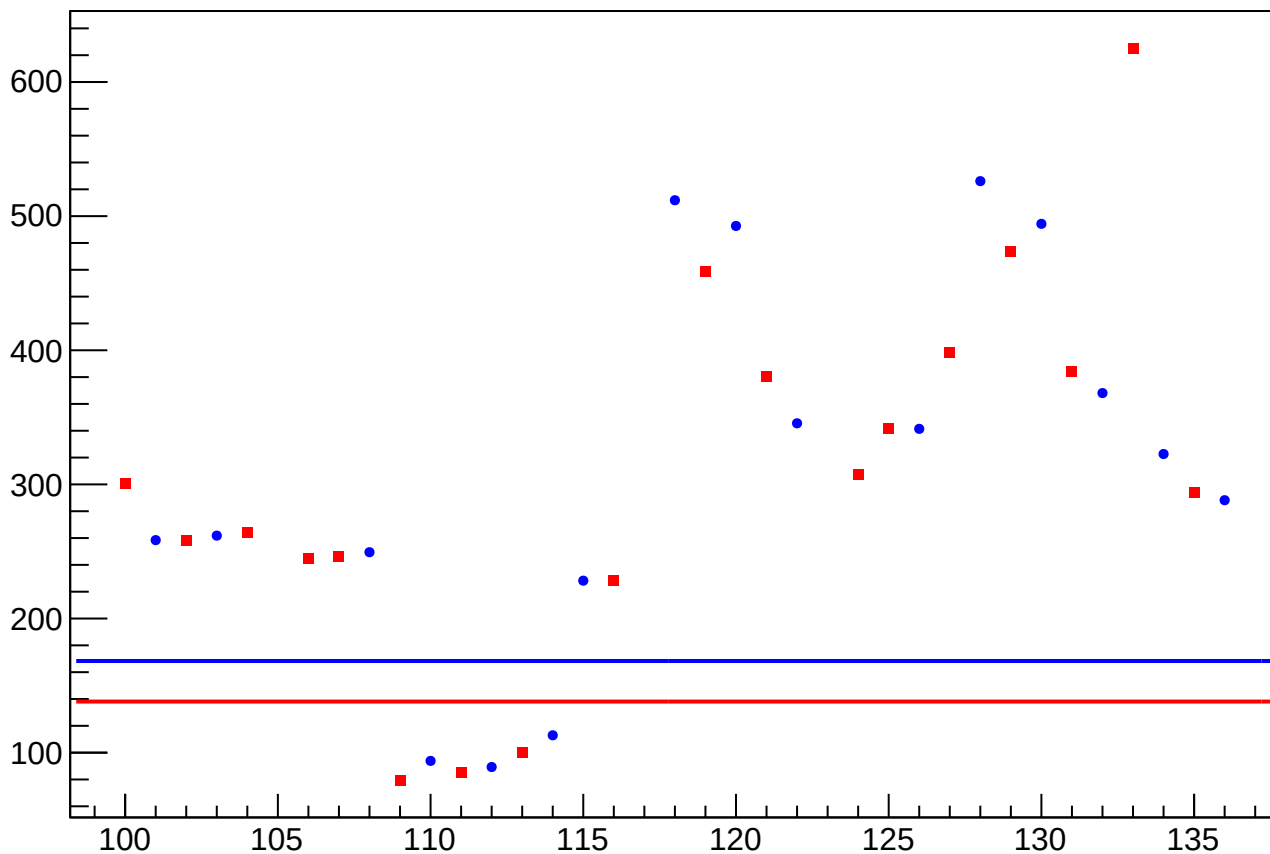
Right: -50.671+/-49.124 χ^2/NDF : 31.1/33

In: -111.885+/-76.212 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.671+/-49.124 χ^2/NDF : 31.1/33

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: 138.101+/-0.045 χ^2/NDF : 5045258.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

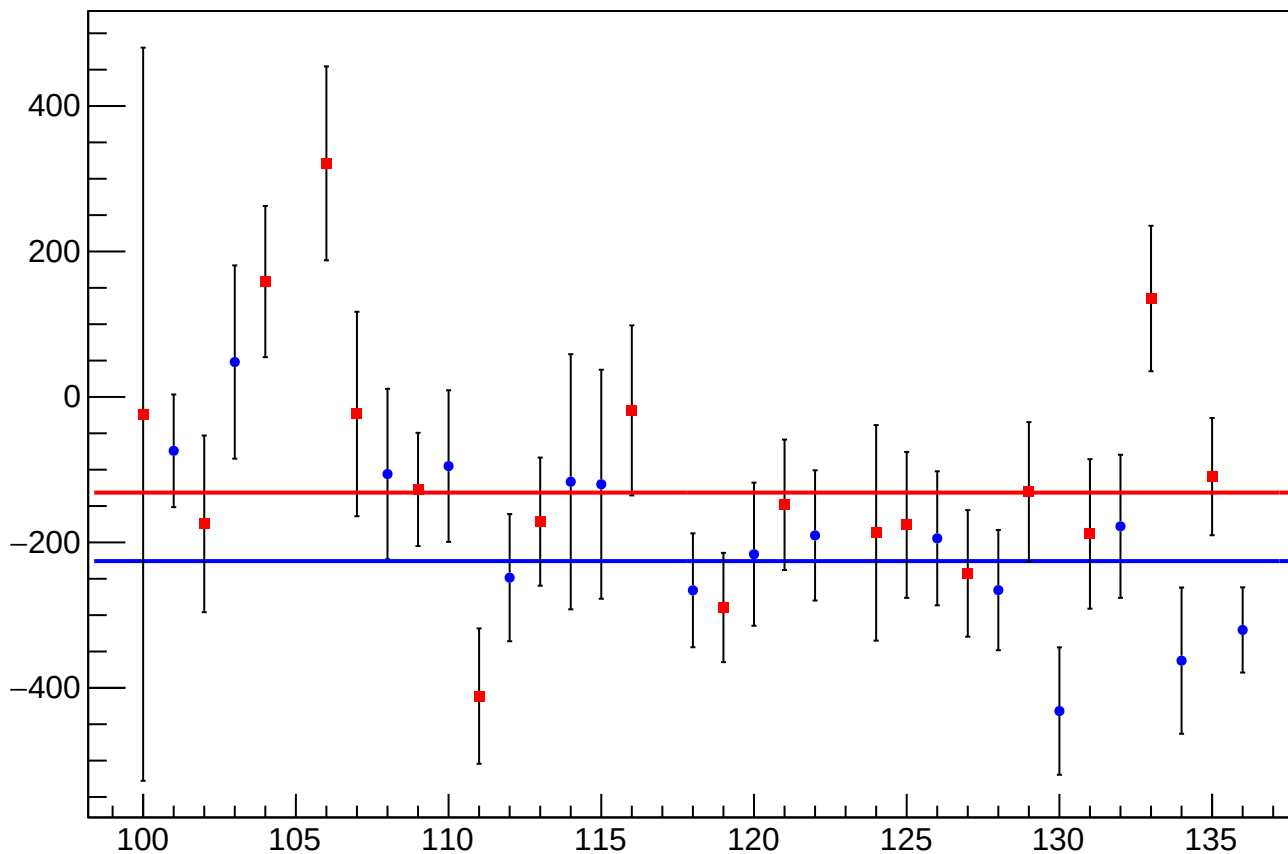
Right: 150.660+/-0.035 χ^2/NDF : 9773224.6/33

In: 168.330+/-0.054 χ^2/NDF :4544046.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.660+/-0.035 χ^2/NDF : 9773224.6/33

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: -131.530 $\pm$ 23.641 χ^2 /NDF: 44.2/17

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

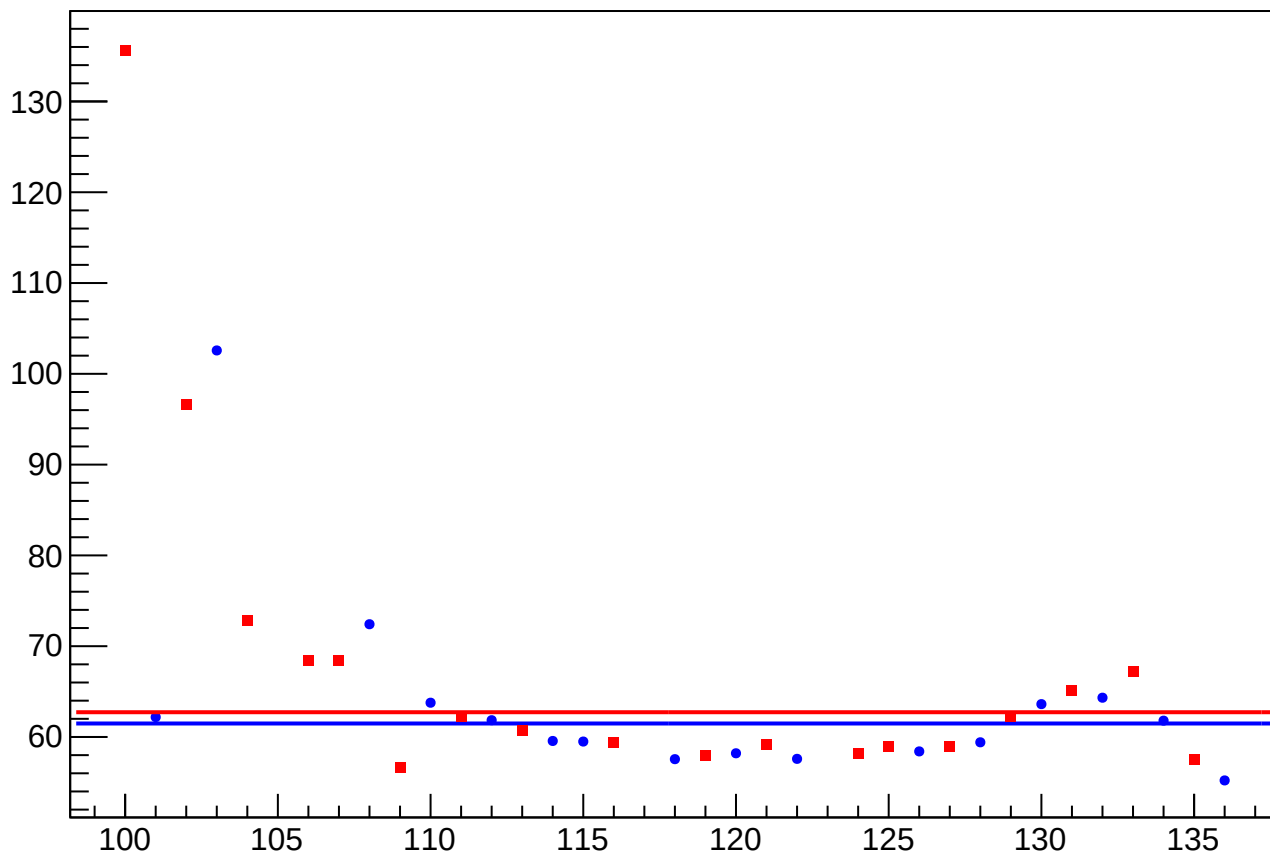
Right: -179.662 $\pm$ 16.529 χ^2 /NDF: 74.9/33

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: -179.662 $\pm$ 16.529 χ^2 /NDF: 74.9/33

cor_asym_sam8_rms vs Slug, Sign Corrected



Right In: 61.486+/-0.016 χ^2/NDF : 250671.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.727+/-0.017 χ^2/NDF : 270902.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

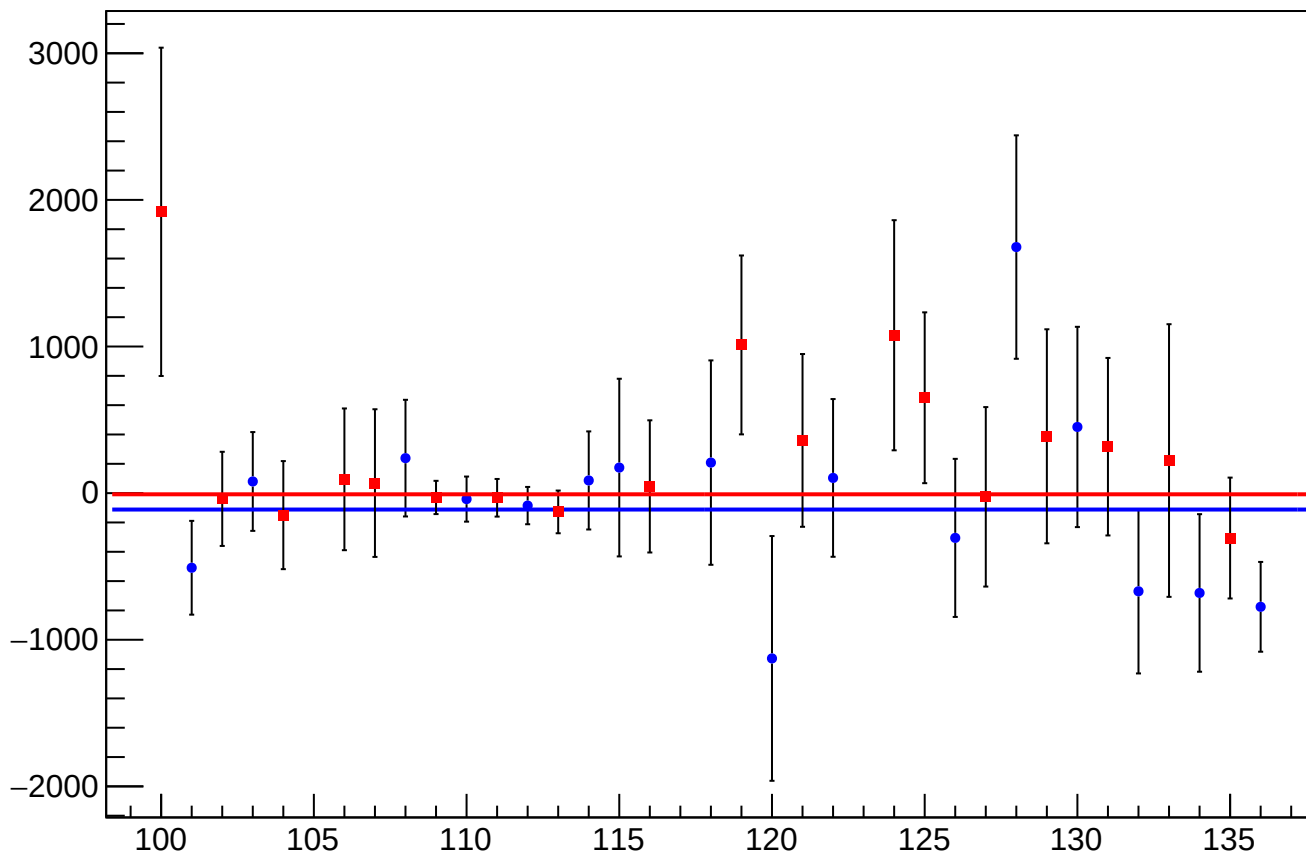
Right: 62.093+/-0.012 χ^2/NDF : 524392.7/33

In: 61.486+/-0.016 χ^2/NDF : 250671.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.093+/-0.012 χ^2/NDF : 524392.7/33

asym_sam8_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.866 ± 76.213 $\chi^2/\text{NDF}: 18.5/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -7.905 ± 64.406 $\chi^2/\text{NDF}: 11.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

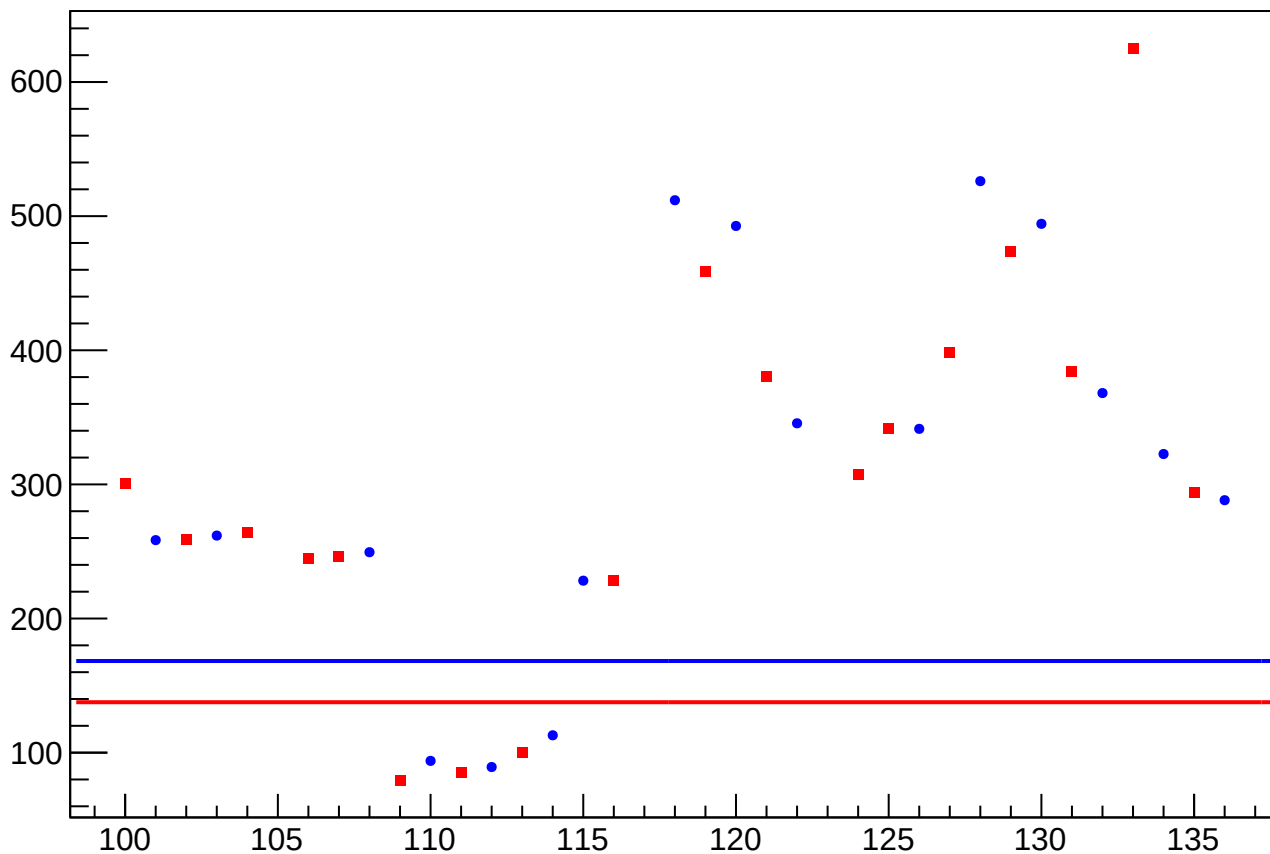
Right: -51.218 ± 49.193 $\chi^2/\text{NDF}: 31.0/33$

In: -111.866 ± 76.213 $\chi^2/\text{NDF}: 18.5/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -51.218 ± 49.193 $\chi^2/\text{NDF}: 31.0/33$

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: 137.600+/-0.046 χ^2/NDF : 5020396.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

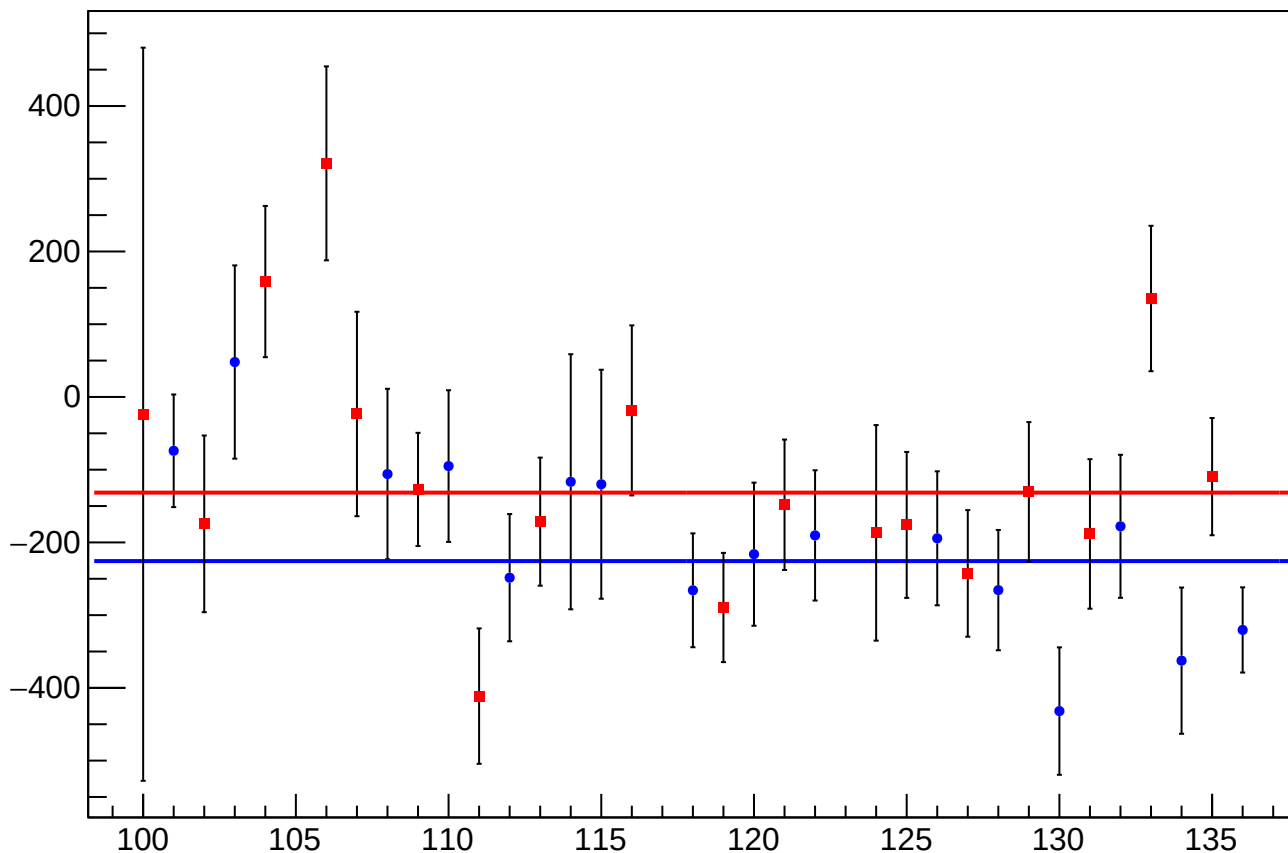
Right: 150.403+/-0.035 χ^2/NDF : 9754185.5/33

In: 168.330+/-0.054 χ^2/NDF :4544100.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.403+/-0.035 χ^2/NDF : 9754185.5/33

eigen_cor_asym_sam8_mean vs Slug, Sign Corrected



Right In: -225.692 ± 23.118 $\chi^2/\text{NDF}: 22.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -131.530 ± 23.641 $\chi^2/\text{NDF}: 44.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

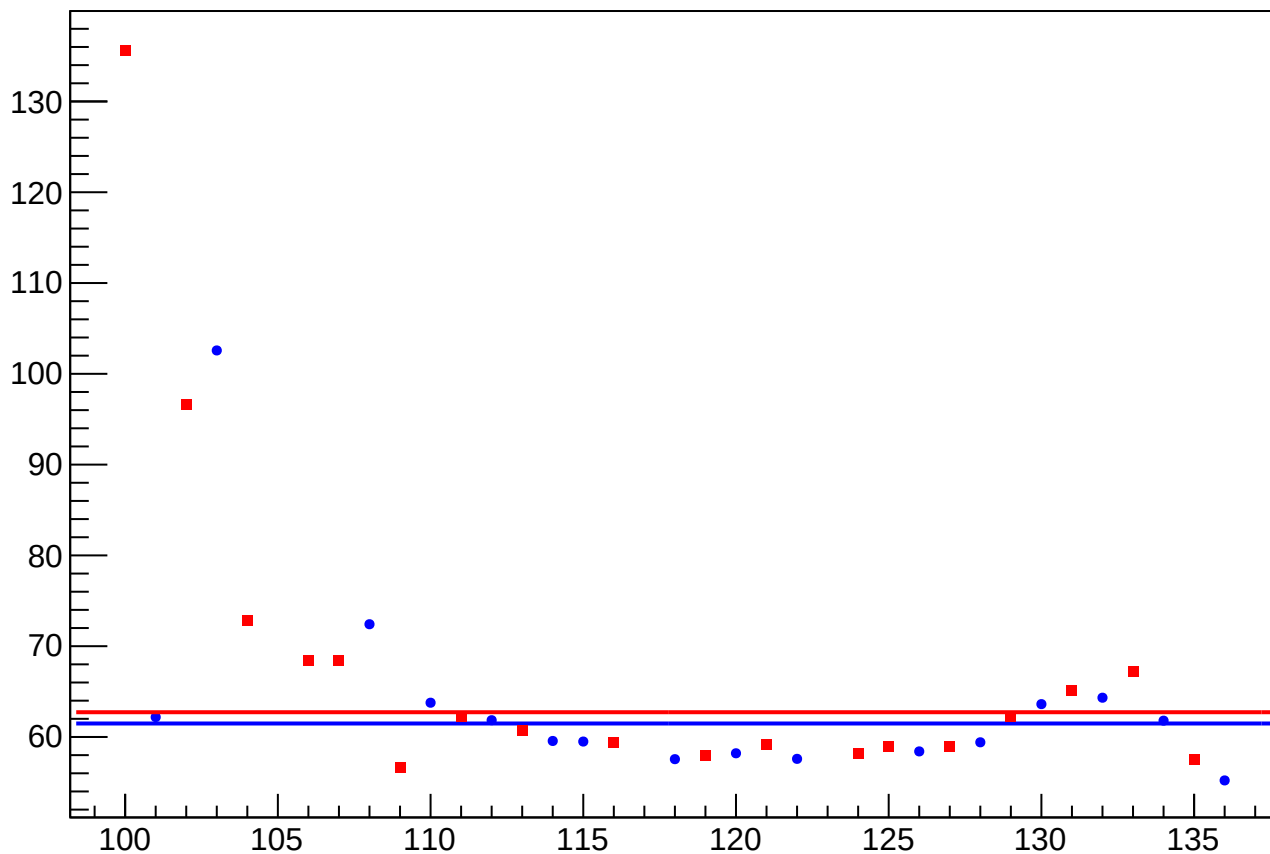
Right: -179.662 ± 16.529 $\chi^2/\text{NDF}: 74.9/33$

In: -225.692 ± 23.118 $\chi^2/\text{NDF}: 22.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -179.662 ± 16.529 $\chi^2/\text{NDF}: 74.9/33$

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: 62.727 $\pm$ 0.017 χ^2 /NDF: 270902.1/17

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

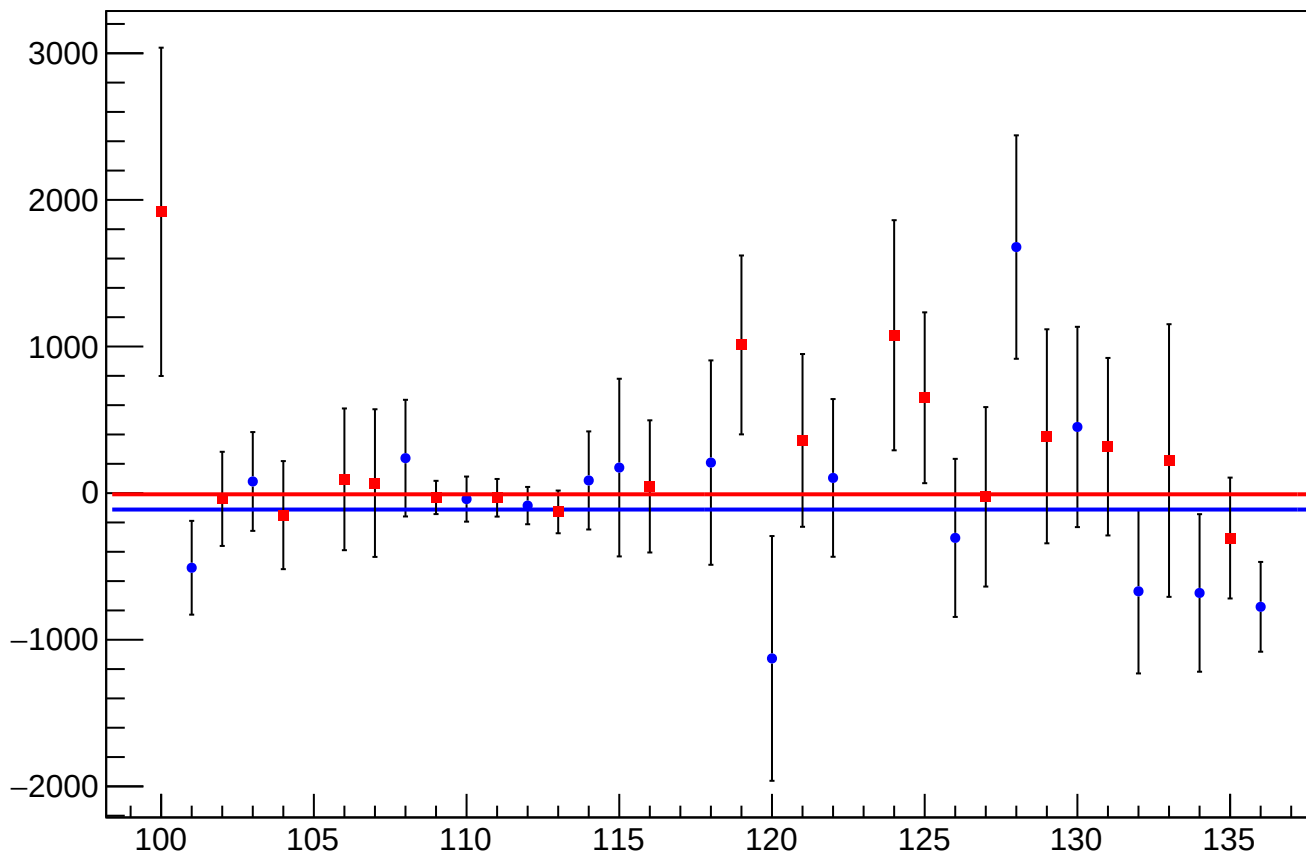
Right: 62.093 $\pm$ 0.012 χ^2 /NDF: 524392.7/33

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: 62.093 $\pm$ 0.012 χ^2 /NDF: 524392.7/33

asym_sam8_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: -111.866 $\pm$ 76.213 χ^2 /NDF: 18.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.905 $\pm$ 64.406 χ^2 /NDF: 11.5/17

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

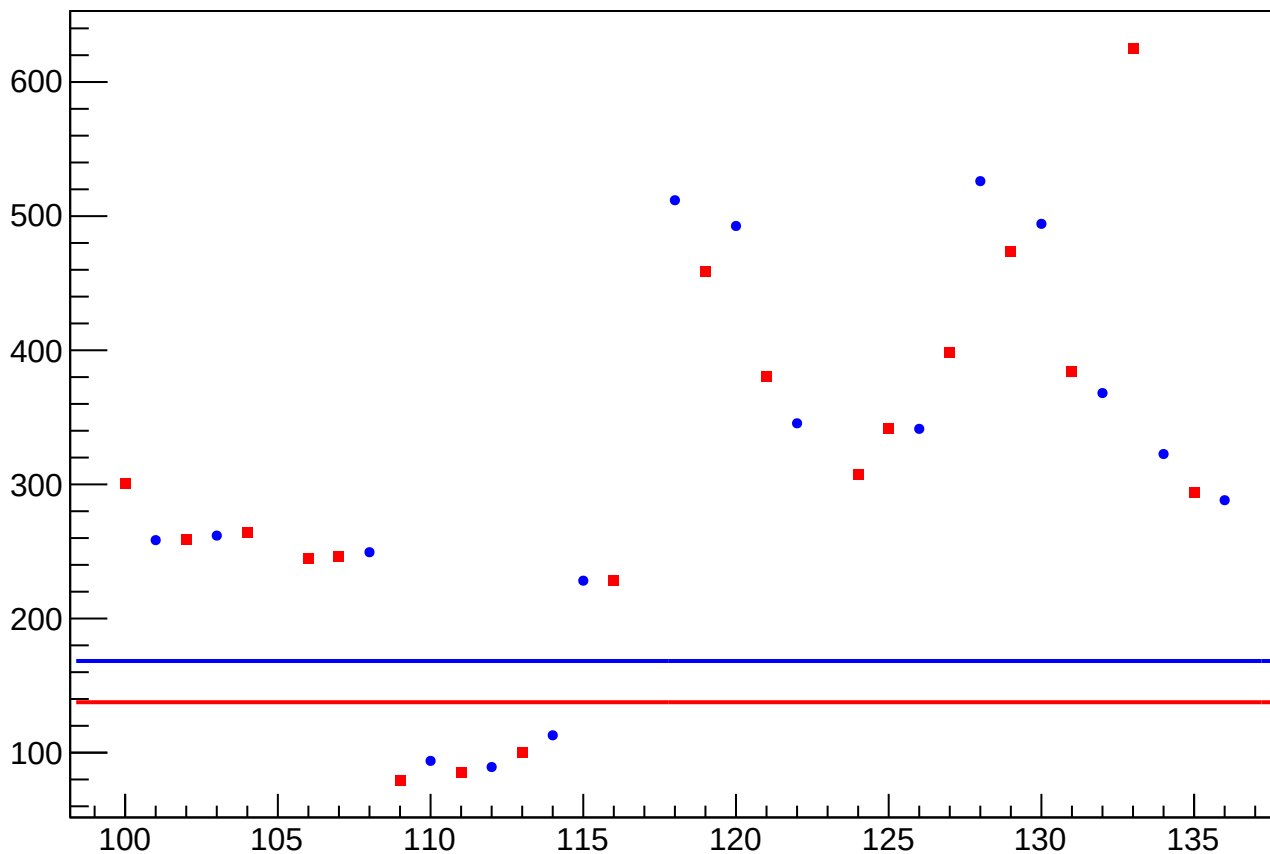
Right: -51.218 $\pm$ 49.193 χ^2 /NDF: 31.0/33

In: -111.866 $\pm$ 76.213 χ^2 /NDF: 18.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -51.218 $\pm$ 49.193 χ^2 /NDF: 31.0/33

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: 137.600+/-0.046 χ^2/NDF : 5020396.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

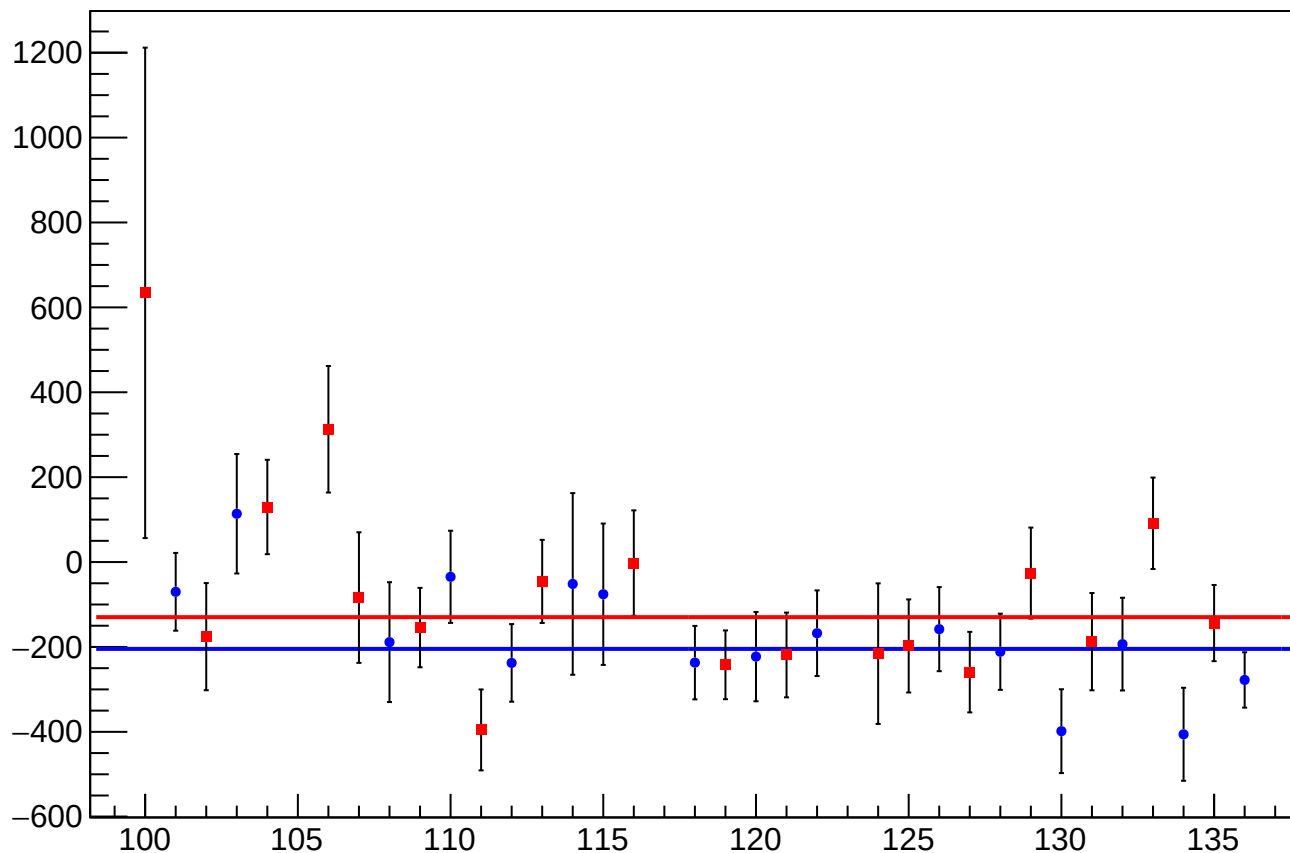
Right: 150.403+/-0.035 χ^2/NDF : 9754185.5/33

In: 168.330+/-0.054 χ^2/NDF :4544100.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 150.403+/-0.035 χ^2/NDF : 9754185.5/33

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: -129.782 ± 25.956 $\chi^2/\text{NDF}: 36.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

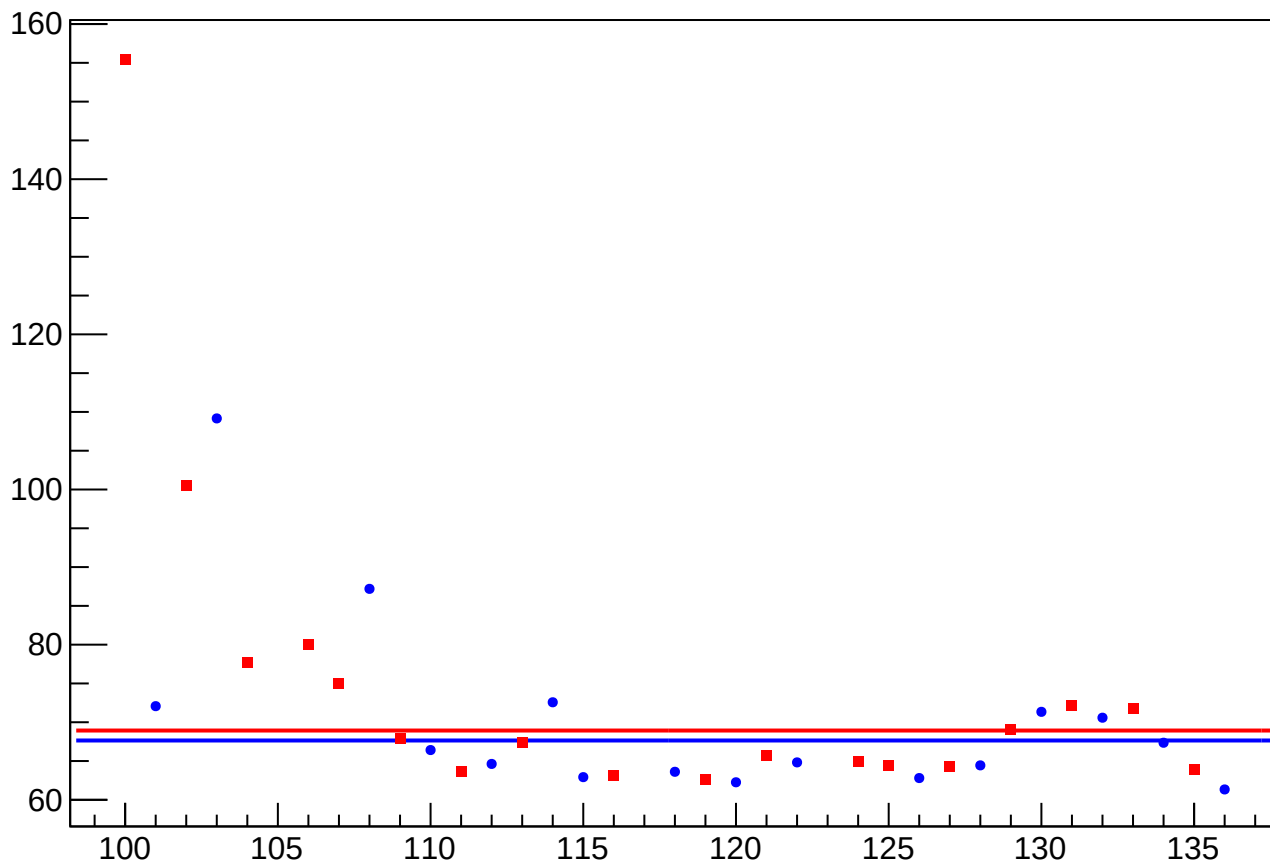
Right: -167.808 ± 18.199 $\chi^2/\text{NDF}: 60.7/33$

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: -167.808 ± 18.199 $\chi^2/\text{NDF}: 60.7/33$

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: 68.932+/-0.018 χ^2/NDF : 240359.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

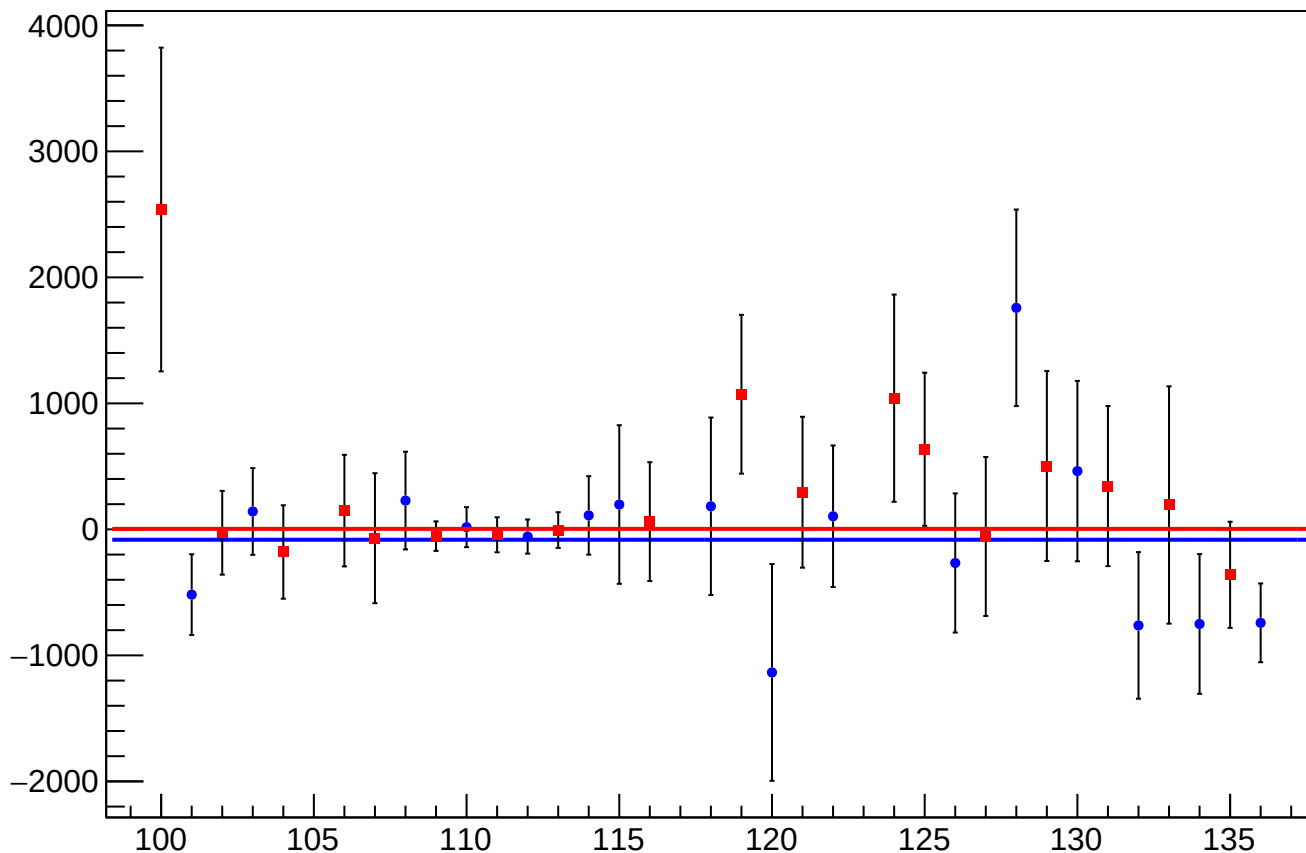
Right: 68.279+/-0.013 χ^2/NDF : 506519.1/33

In: 67.647+/-0.018 χ^2/NDF : 263669.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.279+/-0.013 χ^2/NDF : 506519.1/33

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: 4.051+/-66.249 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

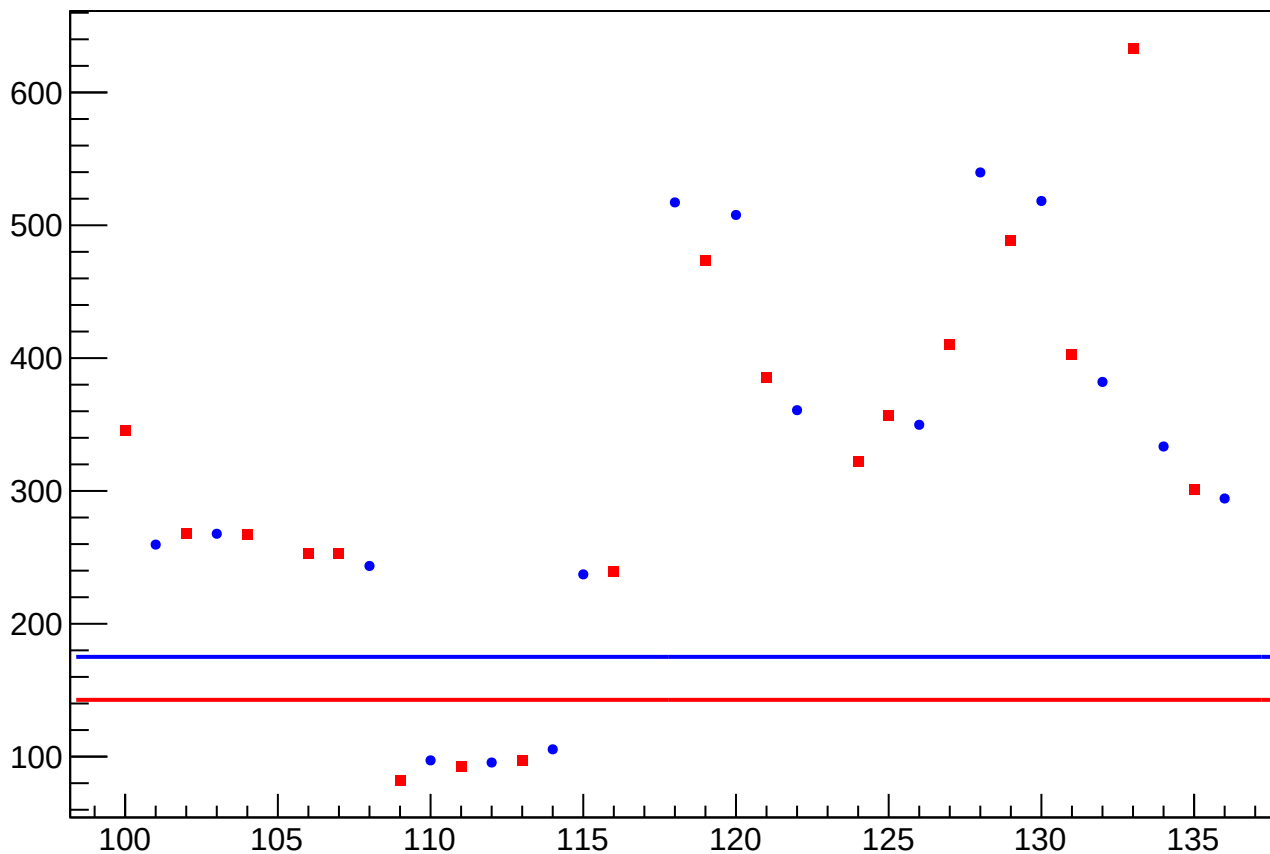
Right: -31.744+/-50.676 χ^2/NDF : 31.9/33

In: -82.228+/-78.676 χ^2/NDF : 19.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -31.744+/-50.676 χ^2/NDF : 31.9/33

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: 142.739+/-0.047 χ^2/NDF : 5027004.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

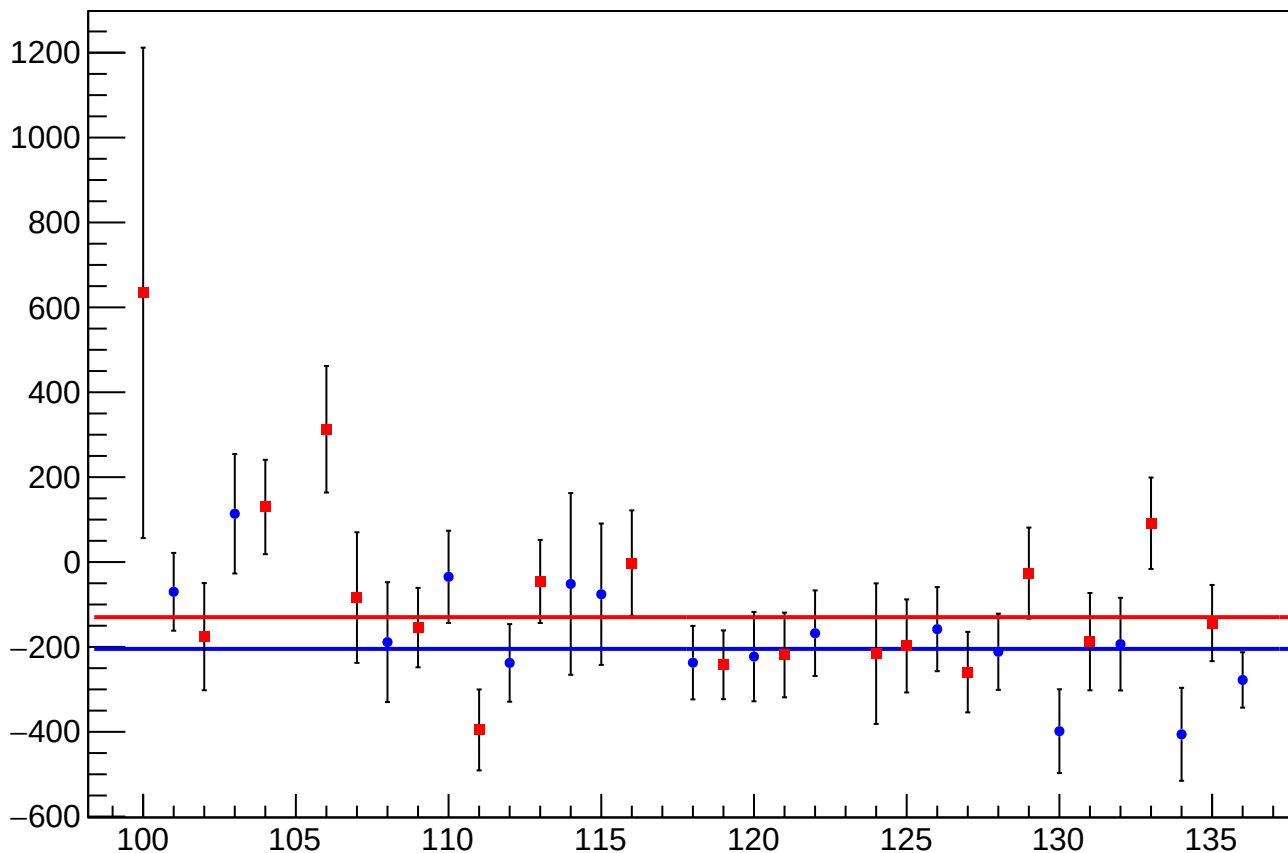
Right: 156.165+/-0.036 χ^2/NDF : 9654060.6/33

In: 175.099+/-0.056 χ^2/NDF :4429076.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 156.165+/-0.036 χ^2/NDF : 9654060.6/33

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: -129.783 $\pm$ 25.956 χ^2 /NDF: 36.5/17

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

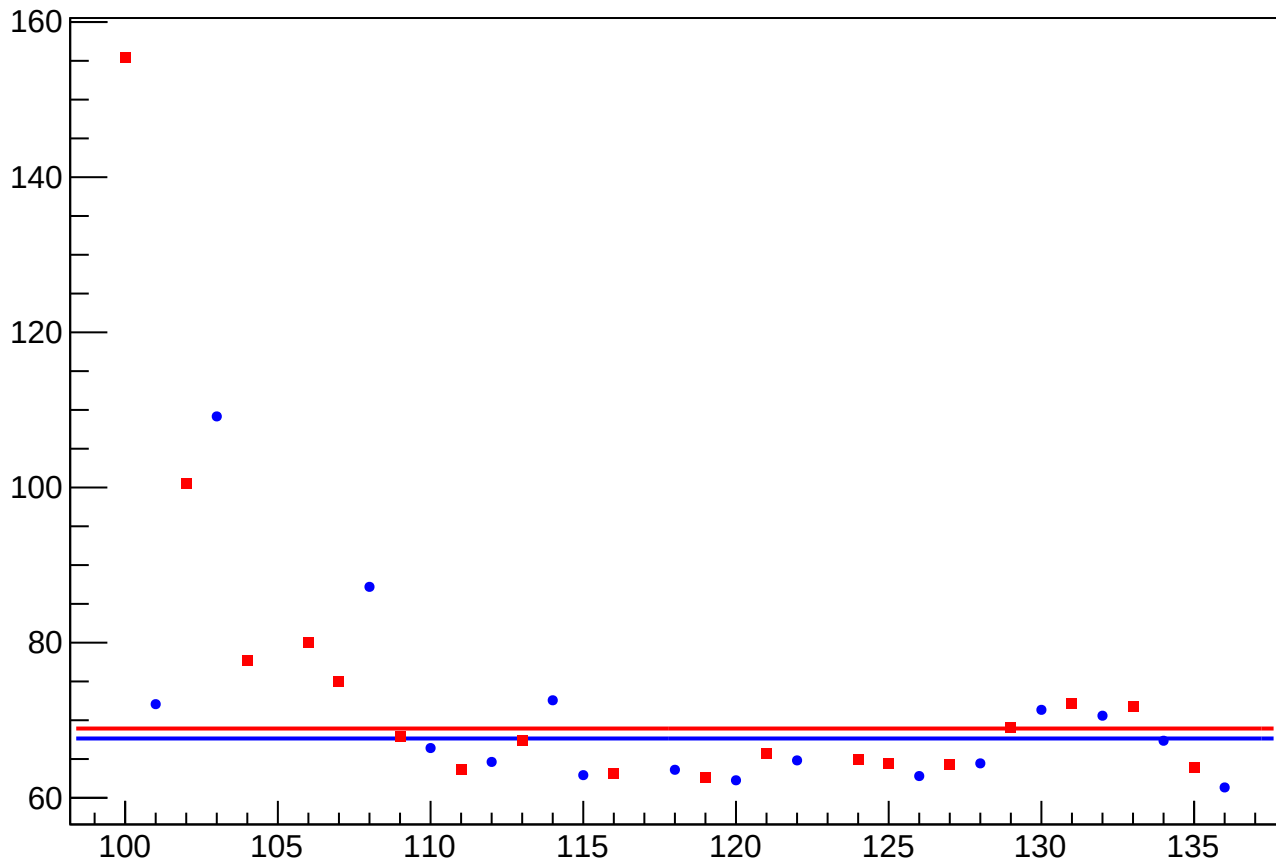
Right: -167.808 $\pm$ 18.199 χ^2 /NDF: 60.7/33

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: -167.808 $\pm$ 18.199 χ^2 /NDF: 60.7/33

eigen_dit_asym_sam8_rms vs Slug, Sign Corrected



Right In: 67.647 $\pm$ 0.018 χ^2 /NDF: 263668.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.932 $\pm$ 0.018 χ^2 /NDF: 240361.1/17

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

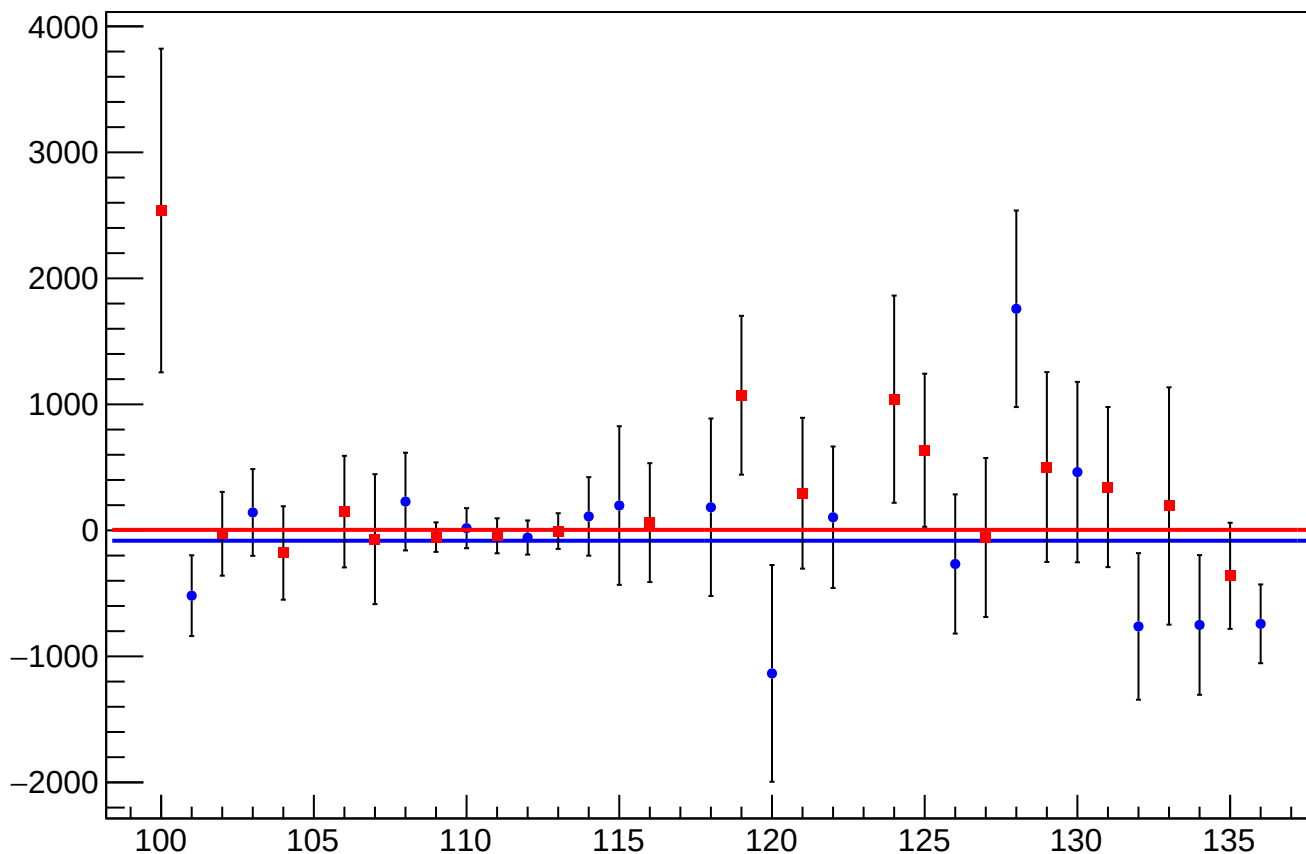
Right: 68.279 $\pm$ 0.013 χ^2 /NDF: 506519.9/33

In: 67.647 $\pm$ 0.018 χ^2 /NDF:263668.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 68.279 $\pm$ 0.013 χ^2 /NDF: 506519.9/33

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: 4.050 $\pm$ 66.249 χ^2 /NDF: 12.0/17

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

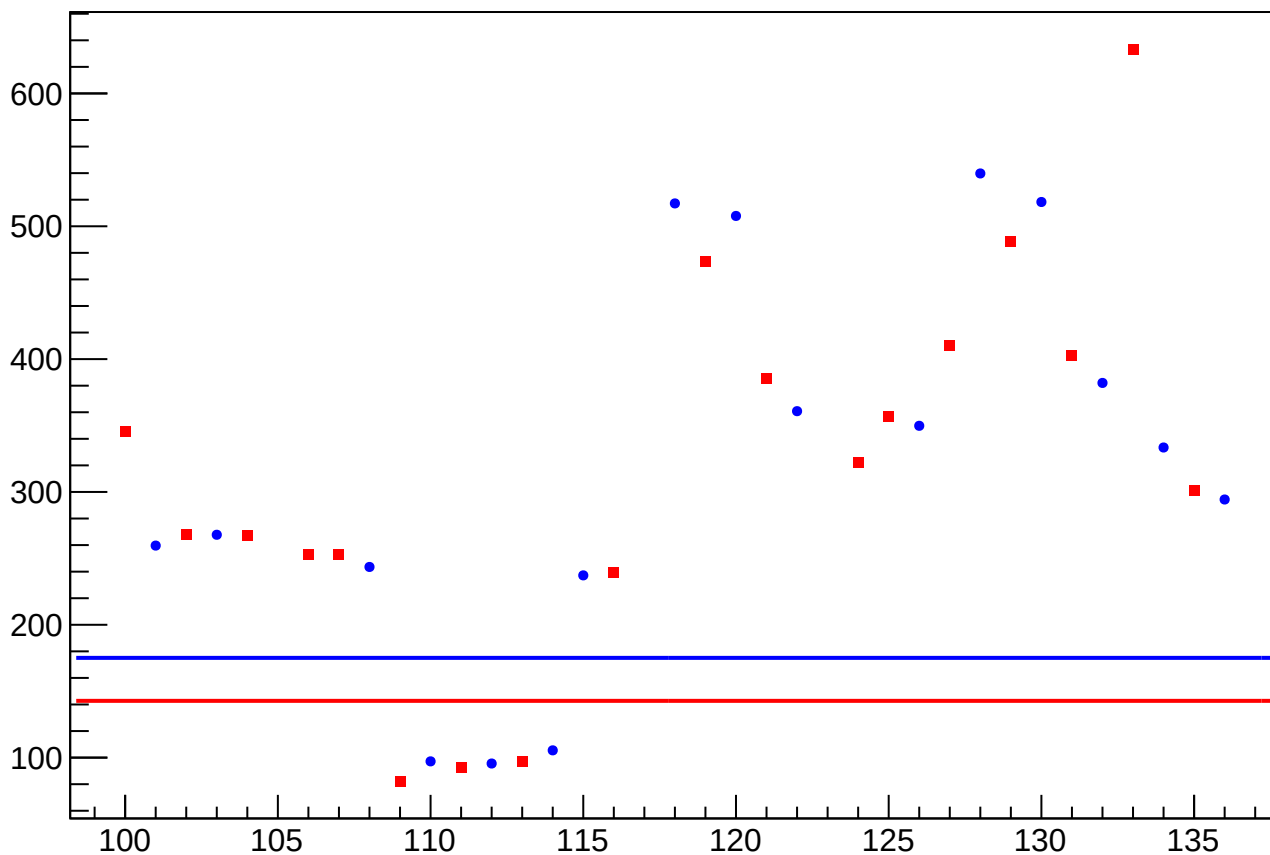
Right: -31.745 $\pm$ 50.676 χ^2 /NDF: 31.9/33

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: -31.745 $\pm$ 50.676 χ^2 /NDF: 31.9/33

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: 142.739+/-0.047 χ^2/NDF : 5026984.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

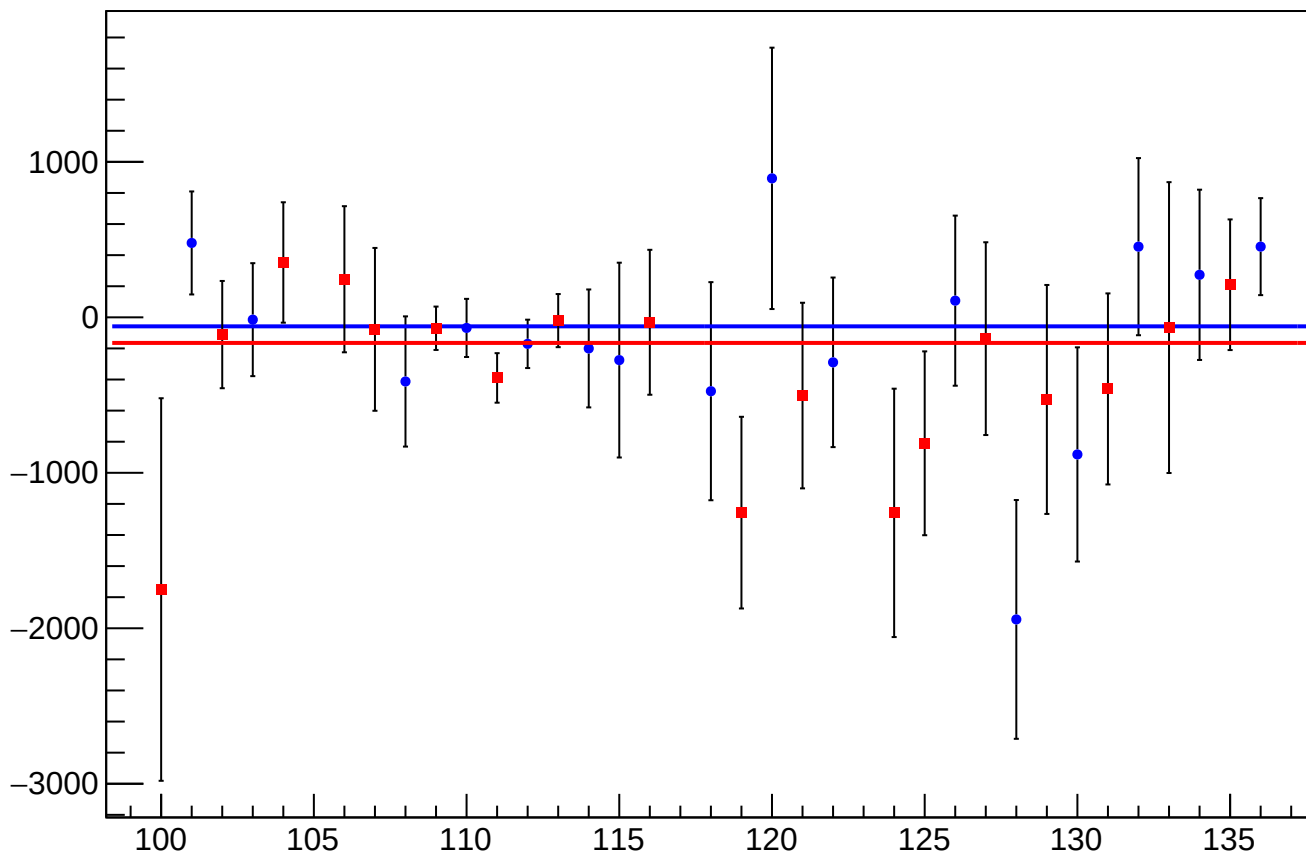
Right: 156.164+/-0.036 χ^2/NDF : 9654051.3/33

In: 175.098+/-0.056 χ^2/NDF :4429098.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 156.164+/-0.036 χ^2/NDF : 9654051.3/33

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: -164.602 ± 75.088 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

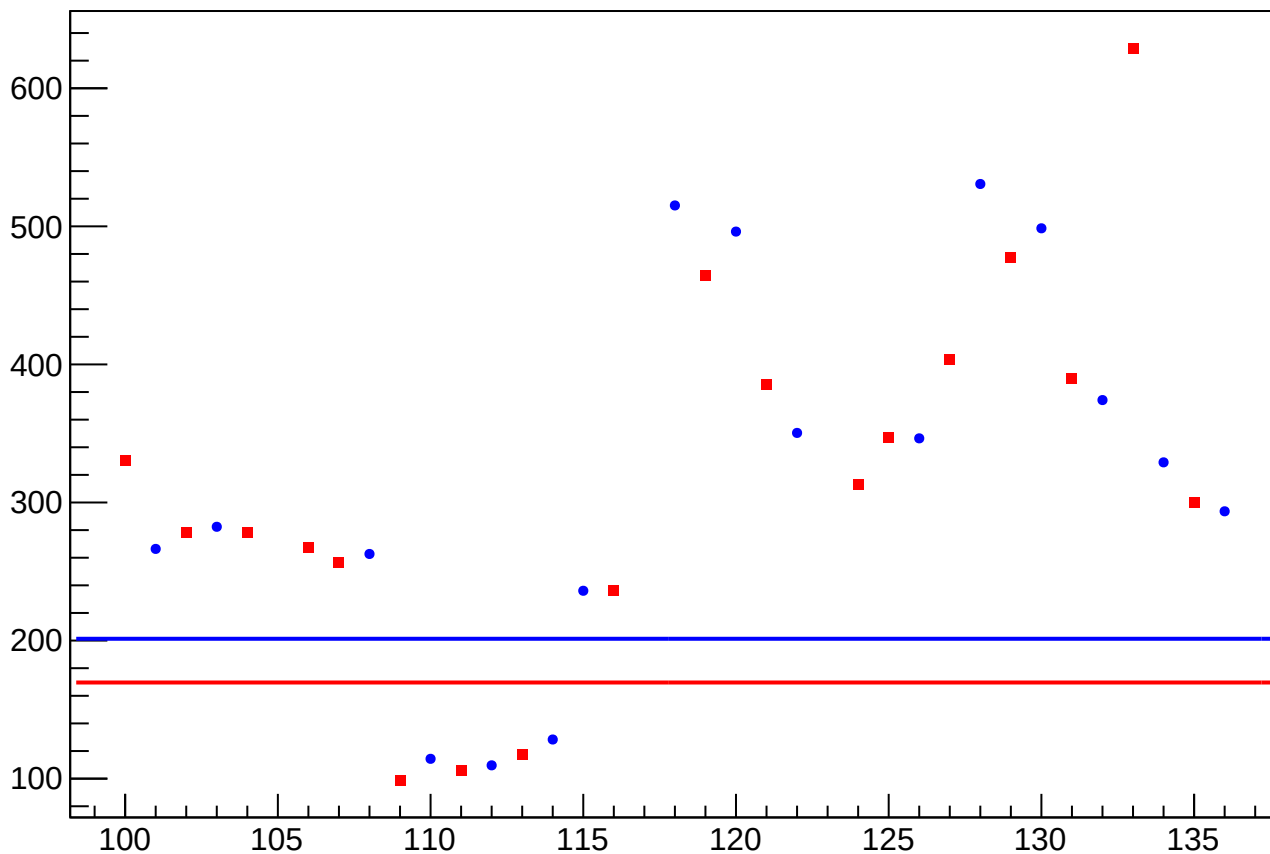
Right: -119.015 ± 56.814 χ^2/NDF : 33.5/33

In: -57.970 ± 86.890 χ^2/NDF : 17.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -119.015 ± 56.814 χ^2/NDF : 33.5/33

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: 169.633+/-0.053 χ^2/NDF : 4121230.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

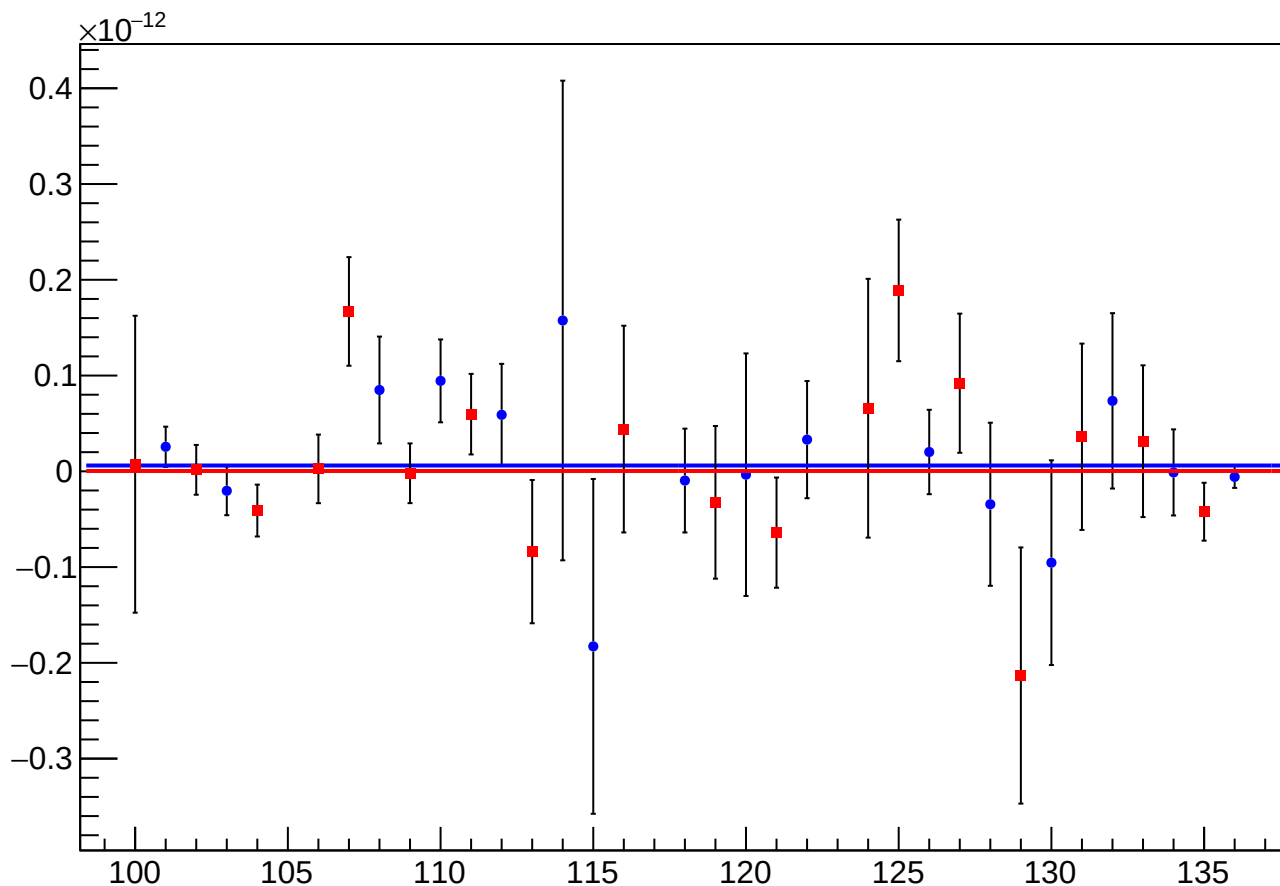
Right: 183.172+/-0.040 χ^2/NDF : 7845513.5/33

In: 201.301+/-0.061 χ^2/NDF :3572199.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 183.172+/-0.040 χ^2/NDF : 7845513.5/33

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 : 29.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

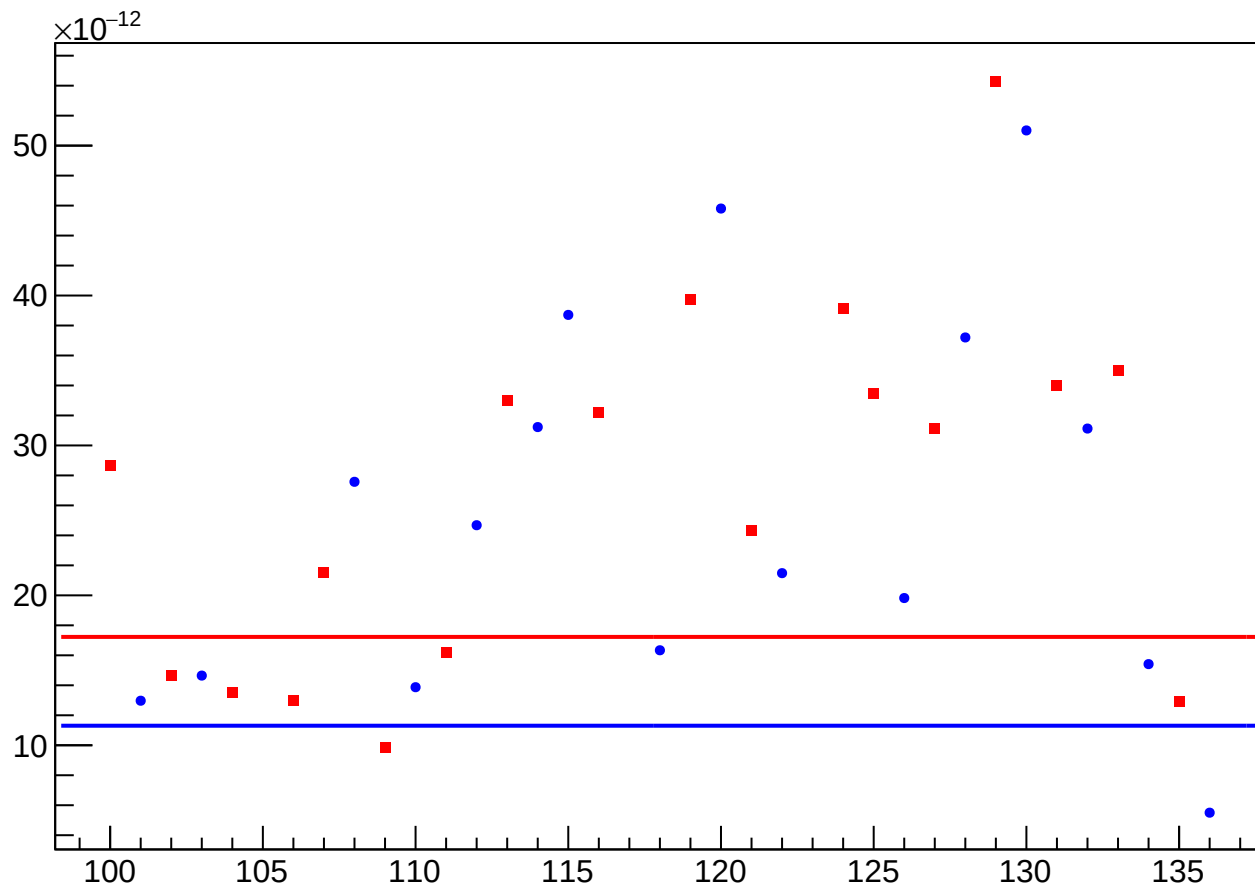
Right: 0.000+/-0.000 χ^2/NDF : 42.9/33

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 : 42.9/33

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 : 1113935.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

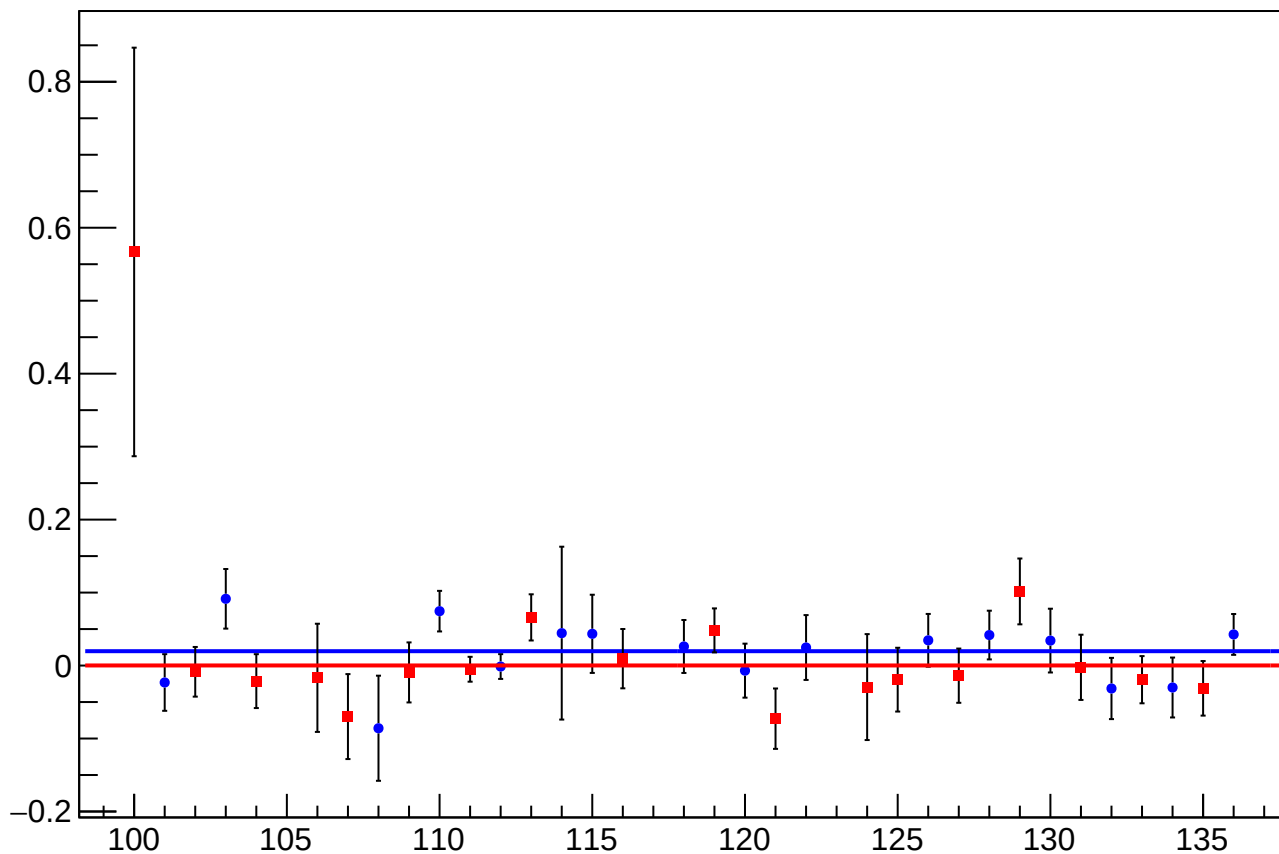
Right: 0.000+/-0.000 χ^2/NDF : 3269875.6/33

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 : 3269875.6/33

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 : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

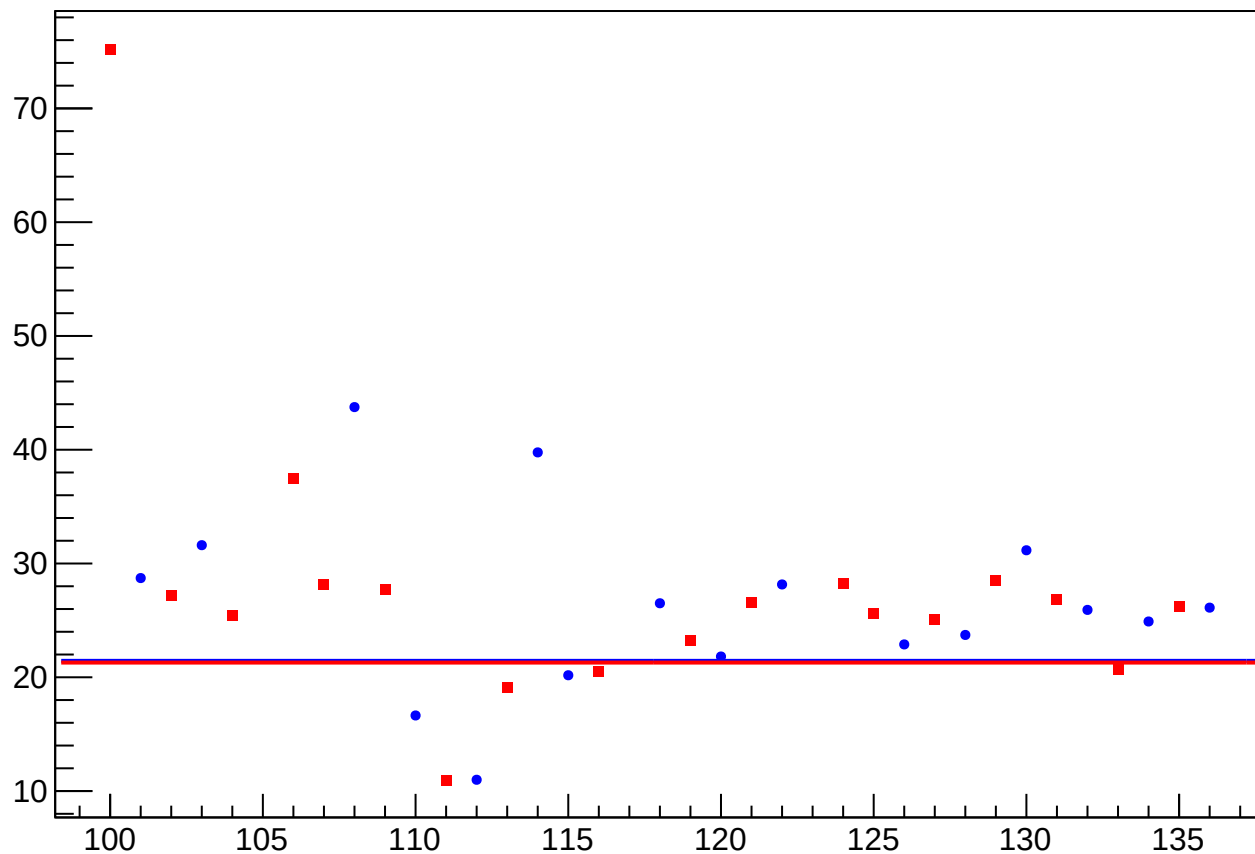
Right: 0.010+/-0.006 χ^2/NDF : 42.4/33

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 : 42.4/33

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: 21.293+/-0.006 χ^2/NDF : 1300556.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

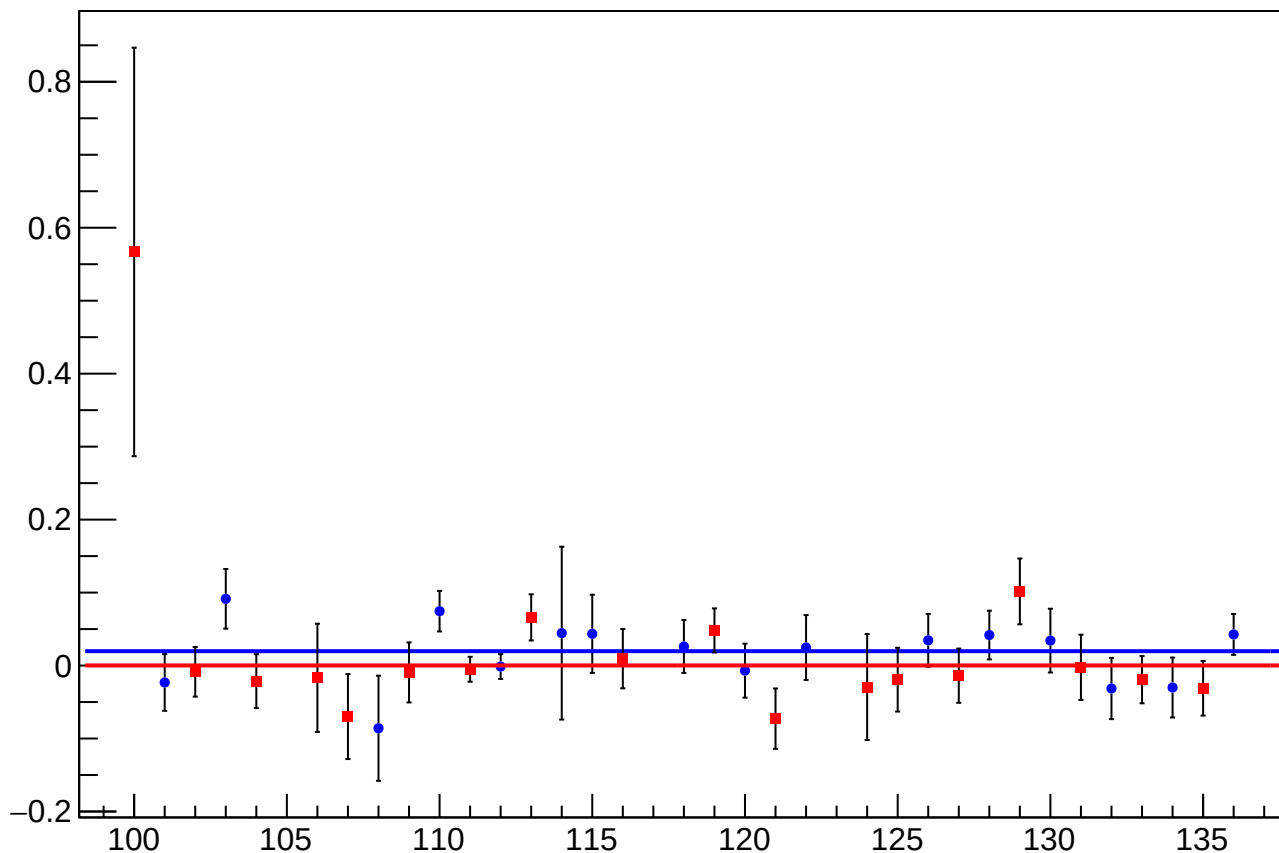
Right: 21.367+/-0.004 χ^2/NDF : 2841575.3/33

In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.367+/-0.004 χ^2/NDF : 2841575.3/33

asym_sam8_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 : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

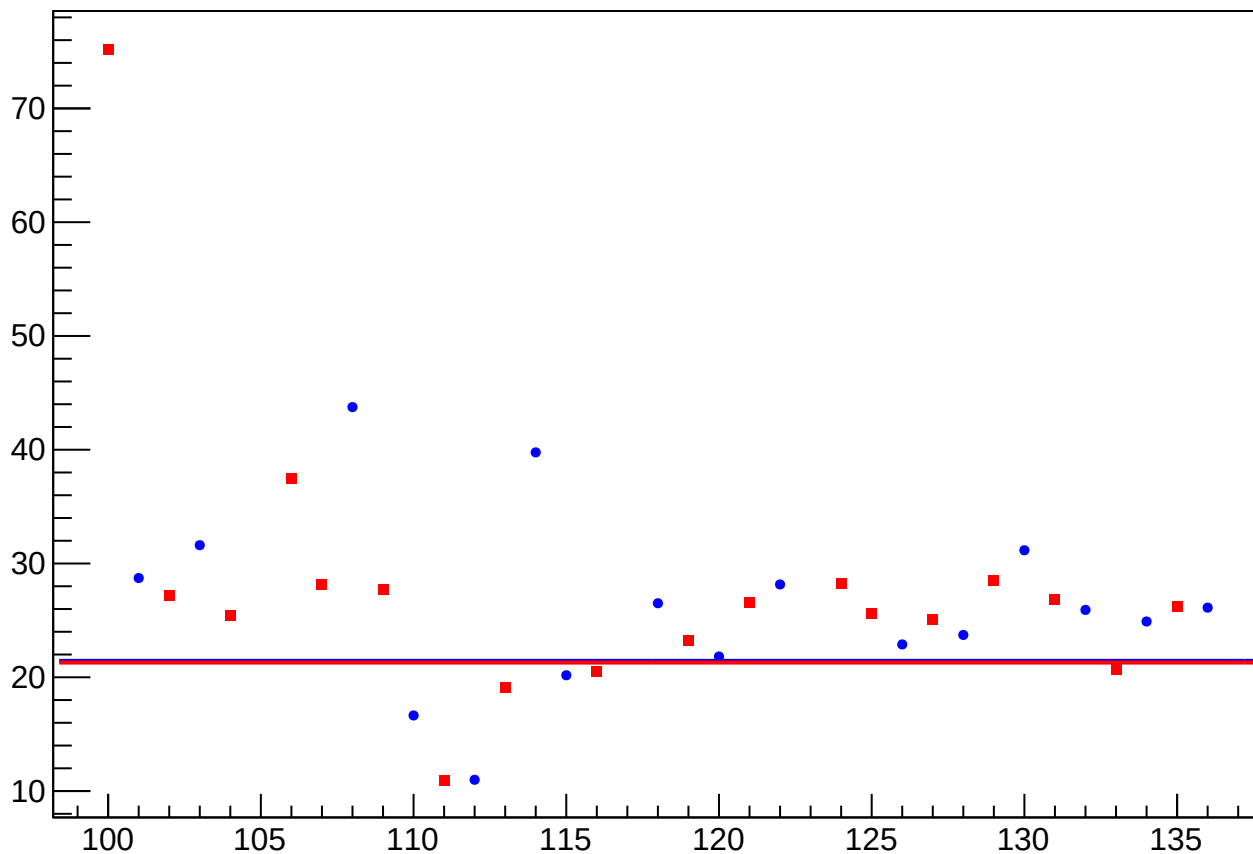
Right: 0.010+/-0.006 χ^2/NDF : 42.4/33

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 : 42.4/33

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: 21.293+/-0.006 χ^2/NDF : 1300556.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

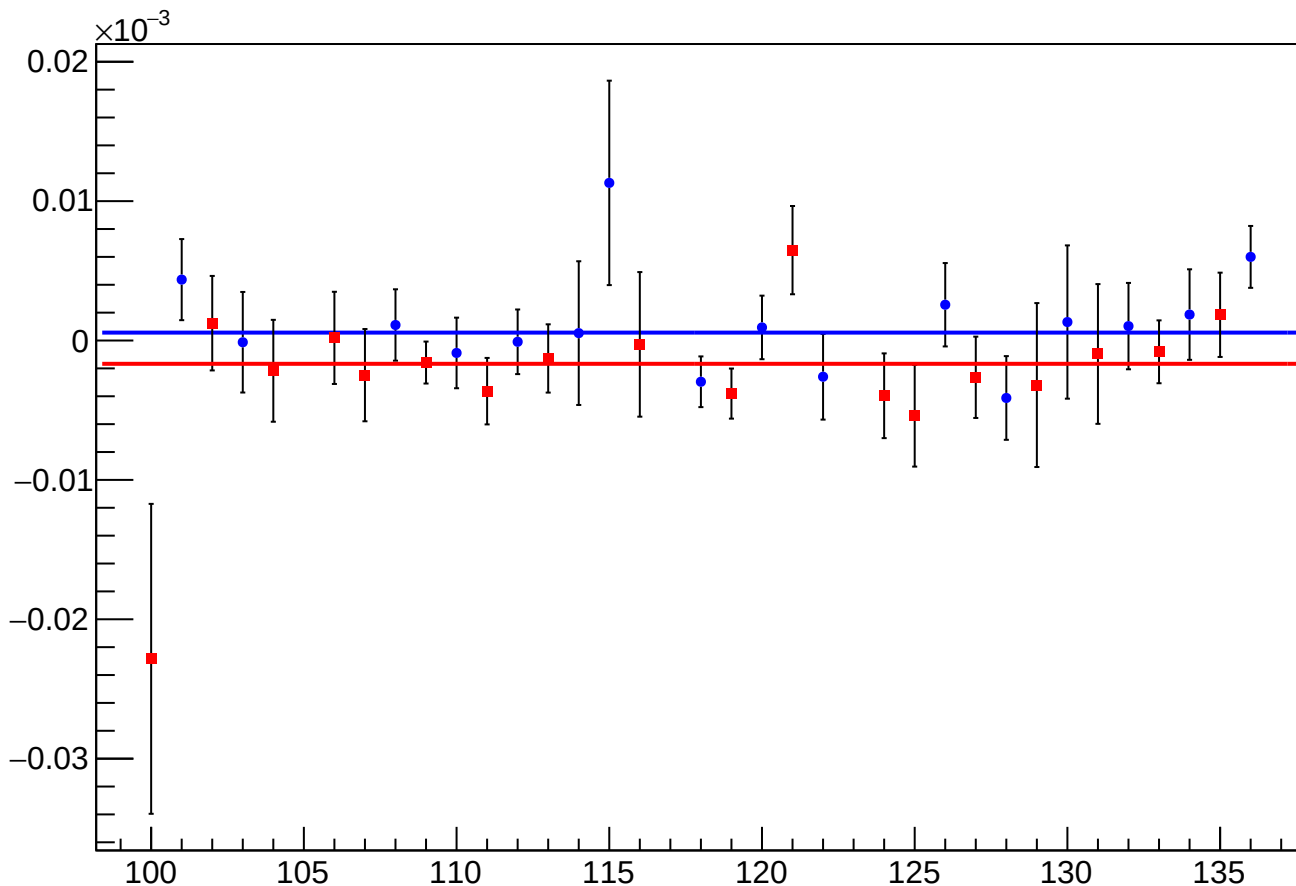
Right: 21.367+/-0.004 χ^2/NDF : 2841575.3/33

In: 21.444+/-0.006 χ^2/NDF : 1540713.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.367+/-0.004 χ^2/NDF : 2841575.3/33

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 : 16.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

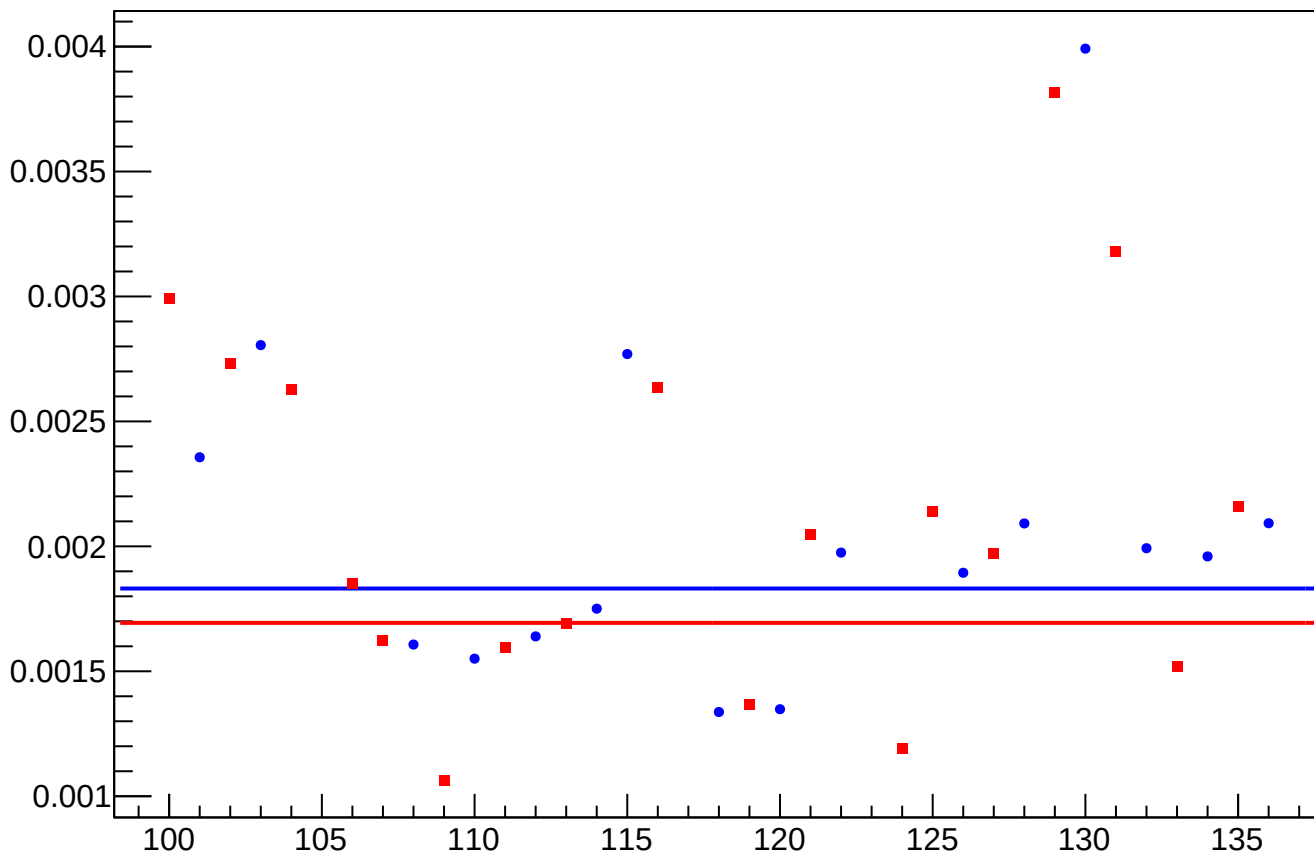
Right: -0.000+/-0.000 χ^2/NDF : 40.5/33

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 : 40.5/33

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 : 1460036.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

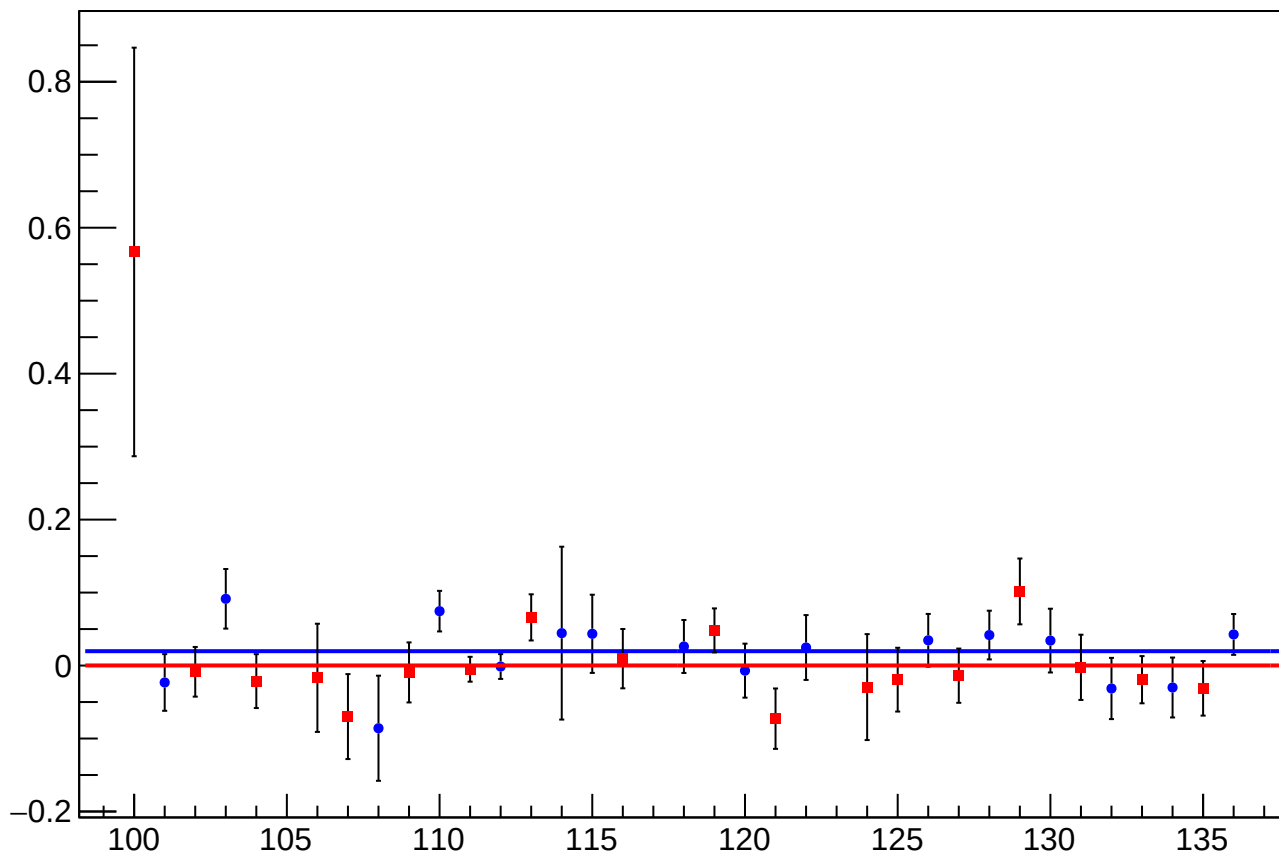
Right: 0.002+/-0.000 χ^2/NDF : 2400544.8/33

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 : 2400544.8/33

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: 22.8/17

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

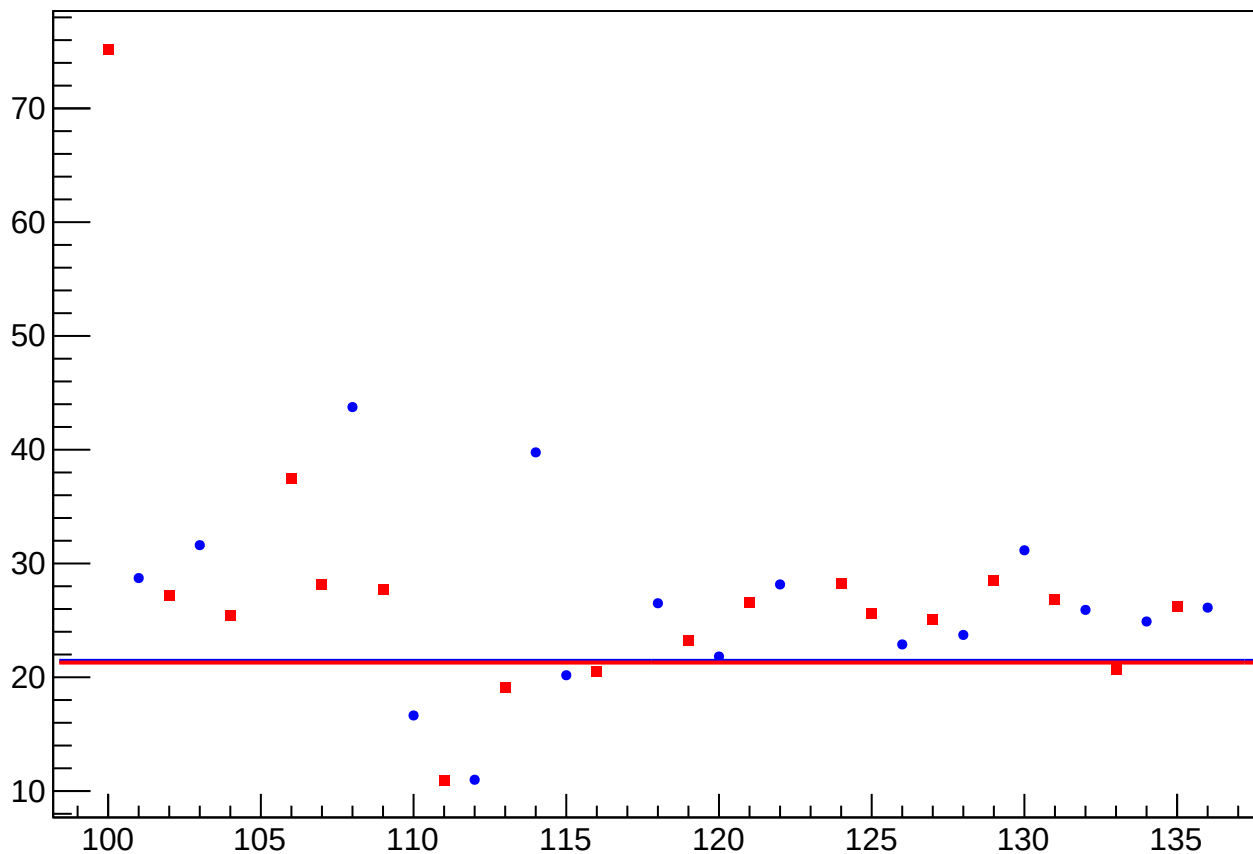
Right: 0.010 $\pm$ 0.006 χ^2 /NDF: 42.4/33

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: 42.4/33

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: 21.292+/-0.006 χ^2/NDF : 1300674.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

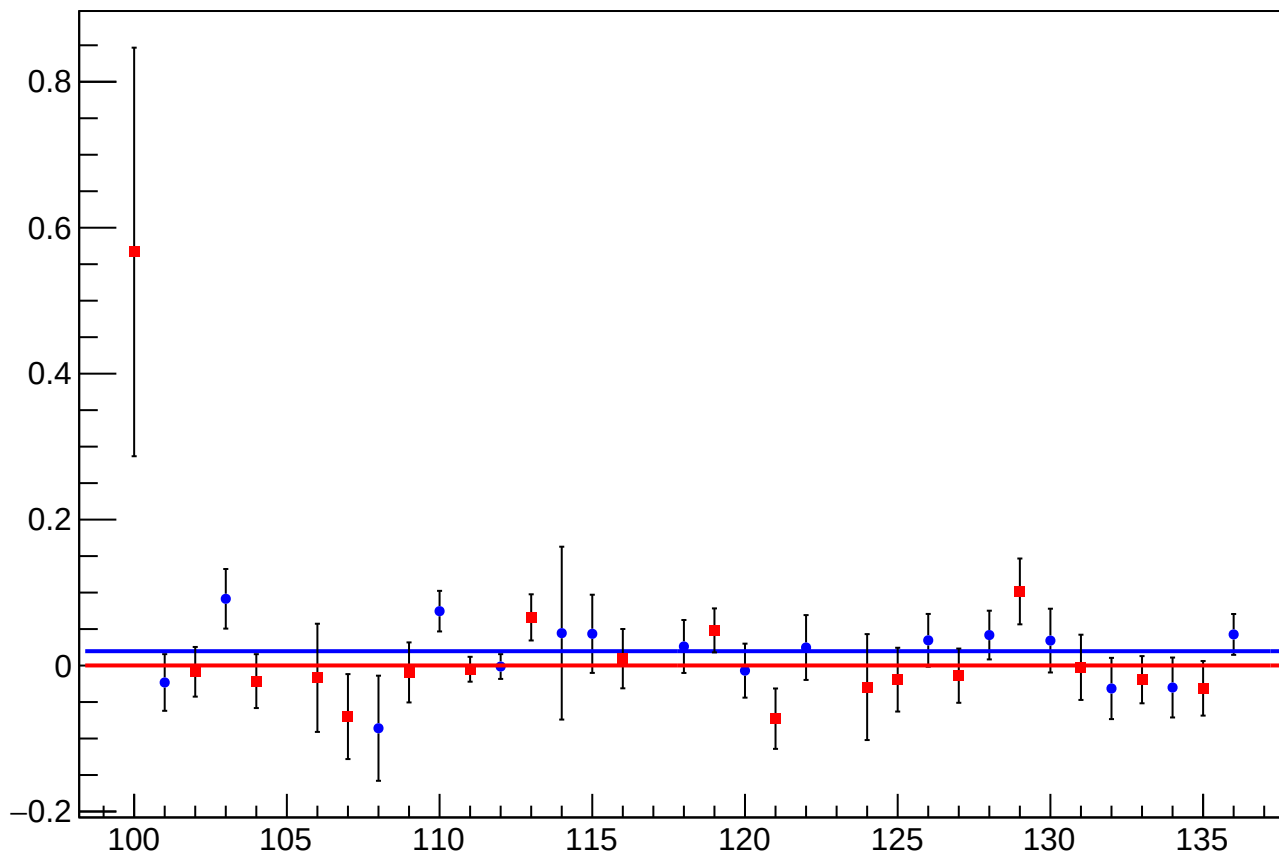
Right: 21.367+/-0.004 χ^2/NDF : 2841838.9/33

In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.367+/-0.004 χ^2/NDF : 2841838.9/33

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 : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

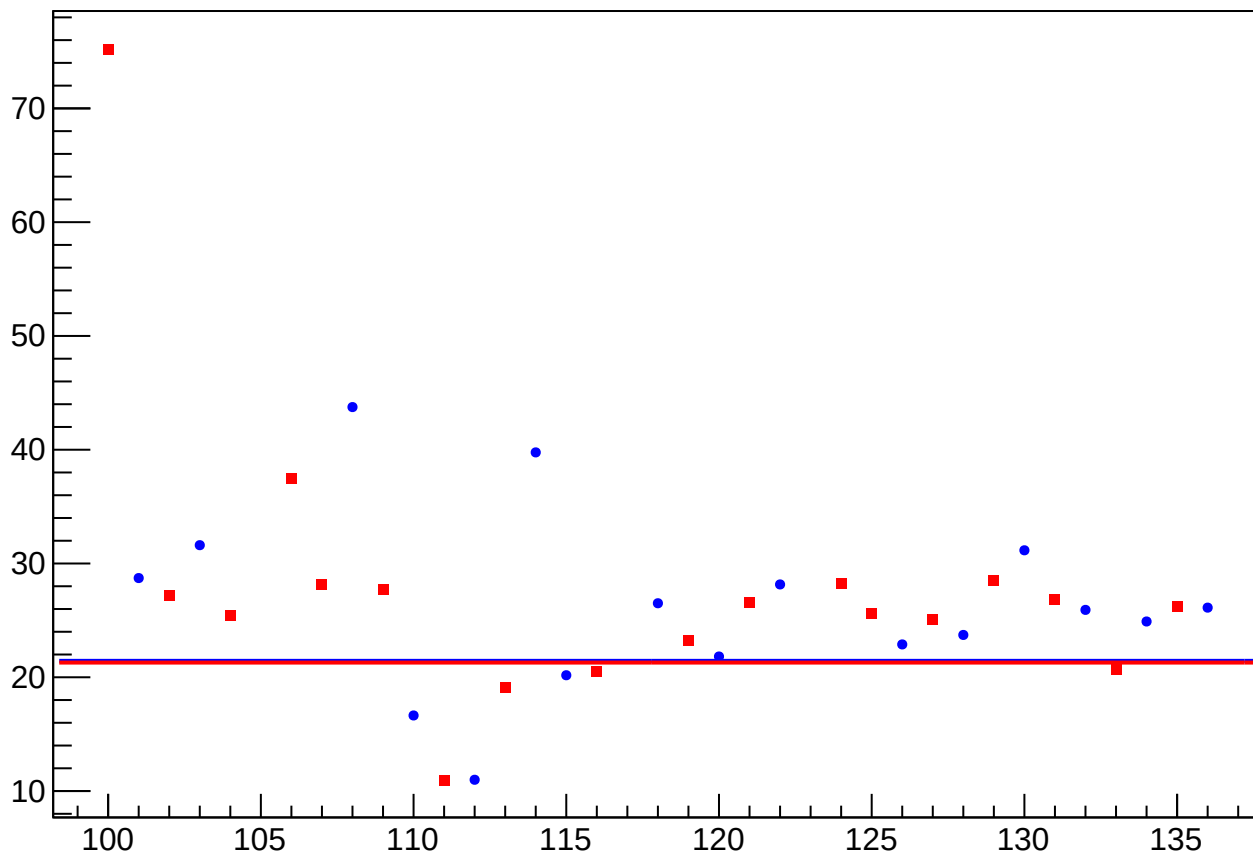
Right: 0.010+/-0.006 χ^2/NDF : 42.4/33

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 : 42.4/33

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: 21.292+/-0.006 χ^2/NDF : 1300674.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

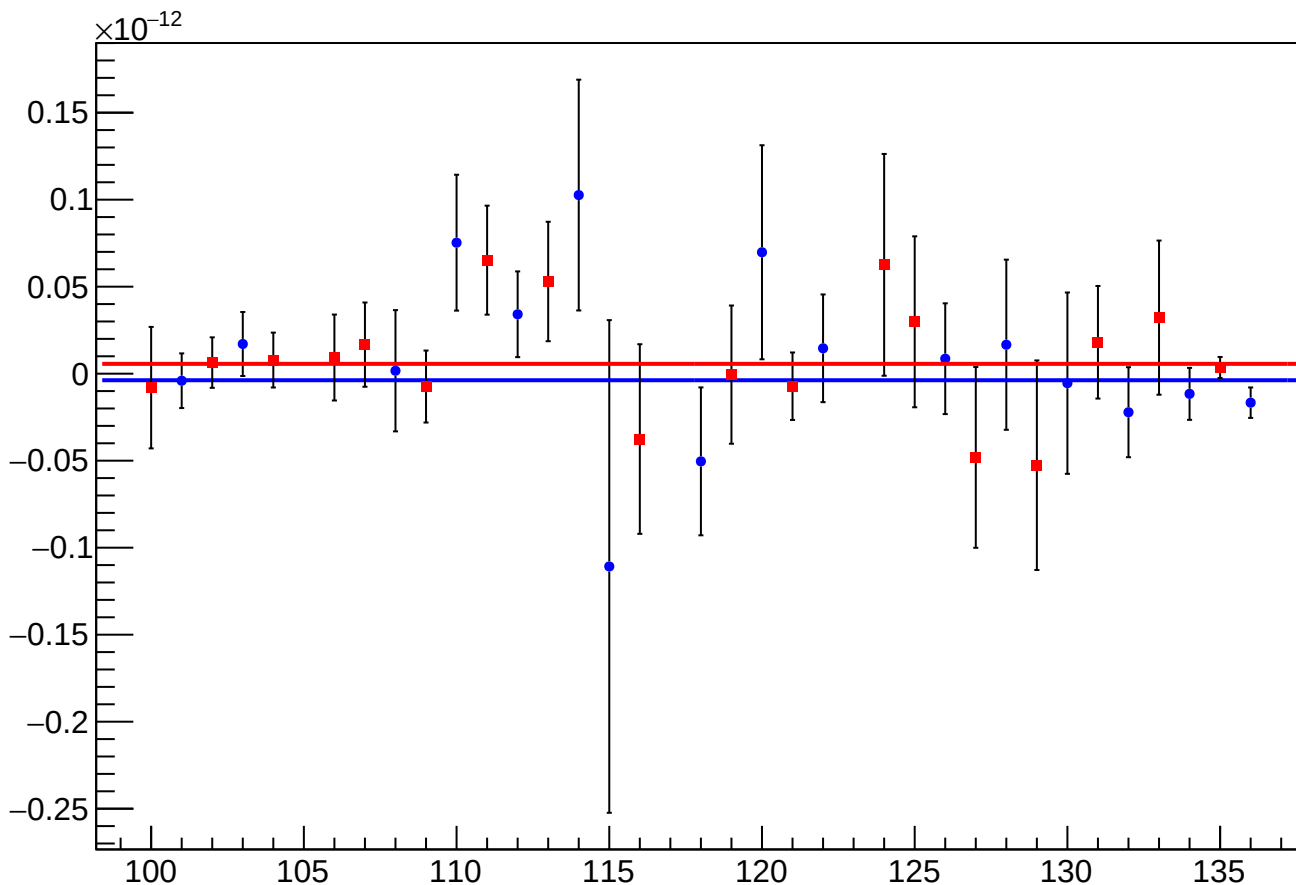
Right: 21.367+/-0.004 χ^2/NDF : 2841838.9/33

In: 21.443+/-0.006 χ^2/NDF : 1540859.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.367+/-0.004 χ^2/NDF : 2841838.9/33

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: 11.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

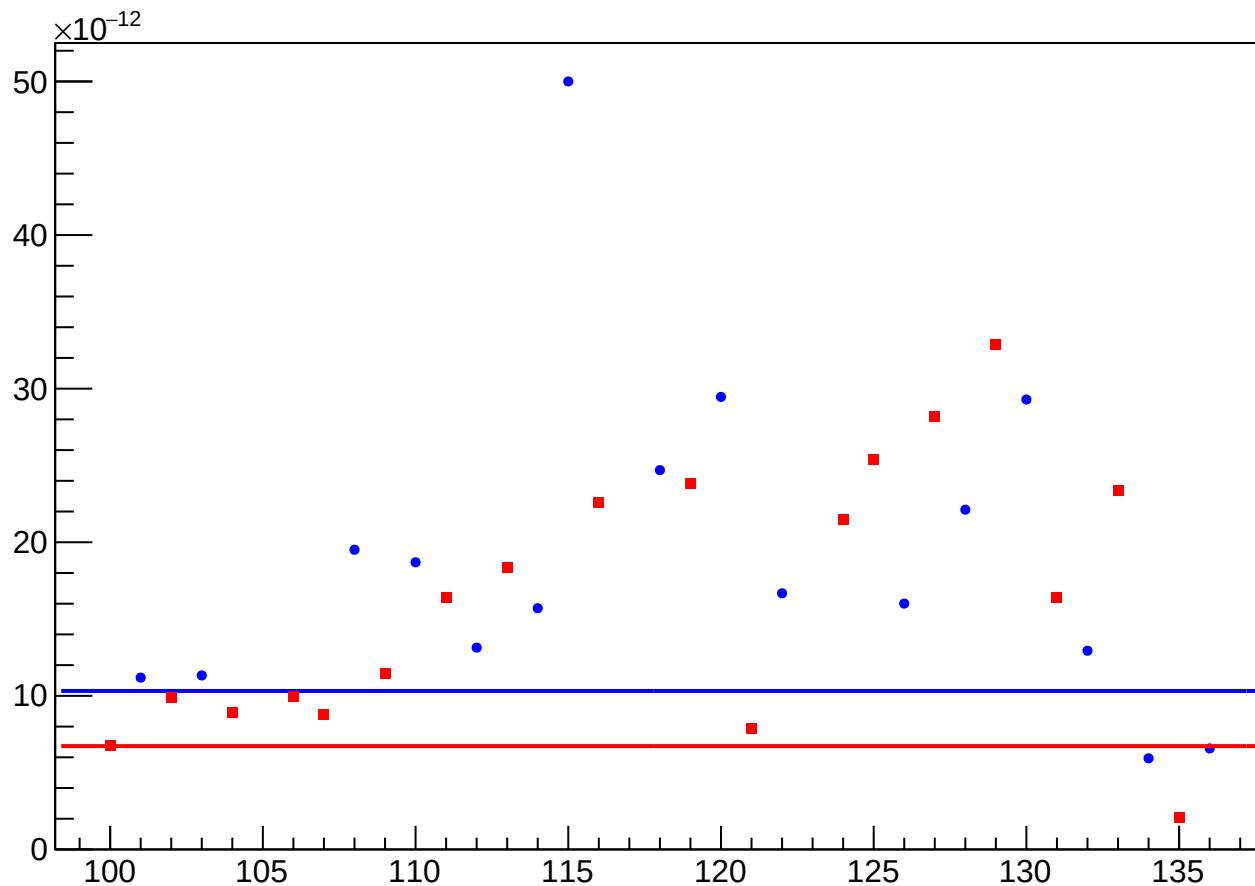
Right: 0.000+/-0.000 χ^2 /NDF: 30.1/33

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: 30.1/33

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 : 4003247.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

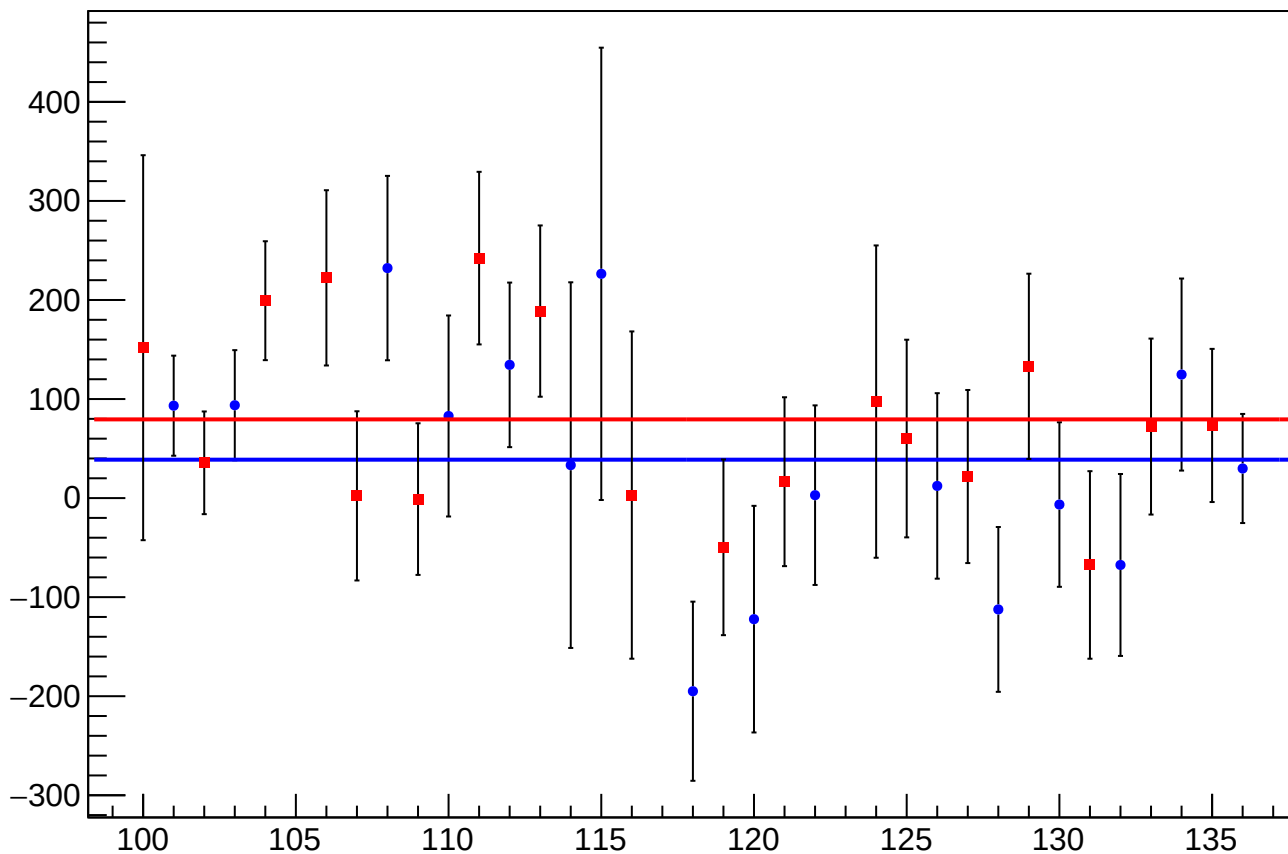
Right: 0.000+/-0.000 χ^2/NDF : 6471583.7/33

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 : 6471583.7/33

reg_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 38.782+/-20.413 χ^2/NDF : 23.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 79.461+/-20.120 χ^2/NDF : 20.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

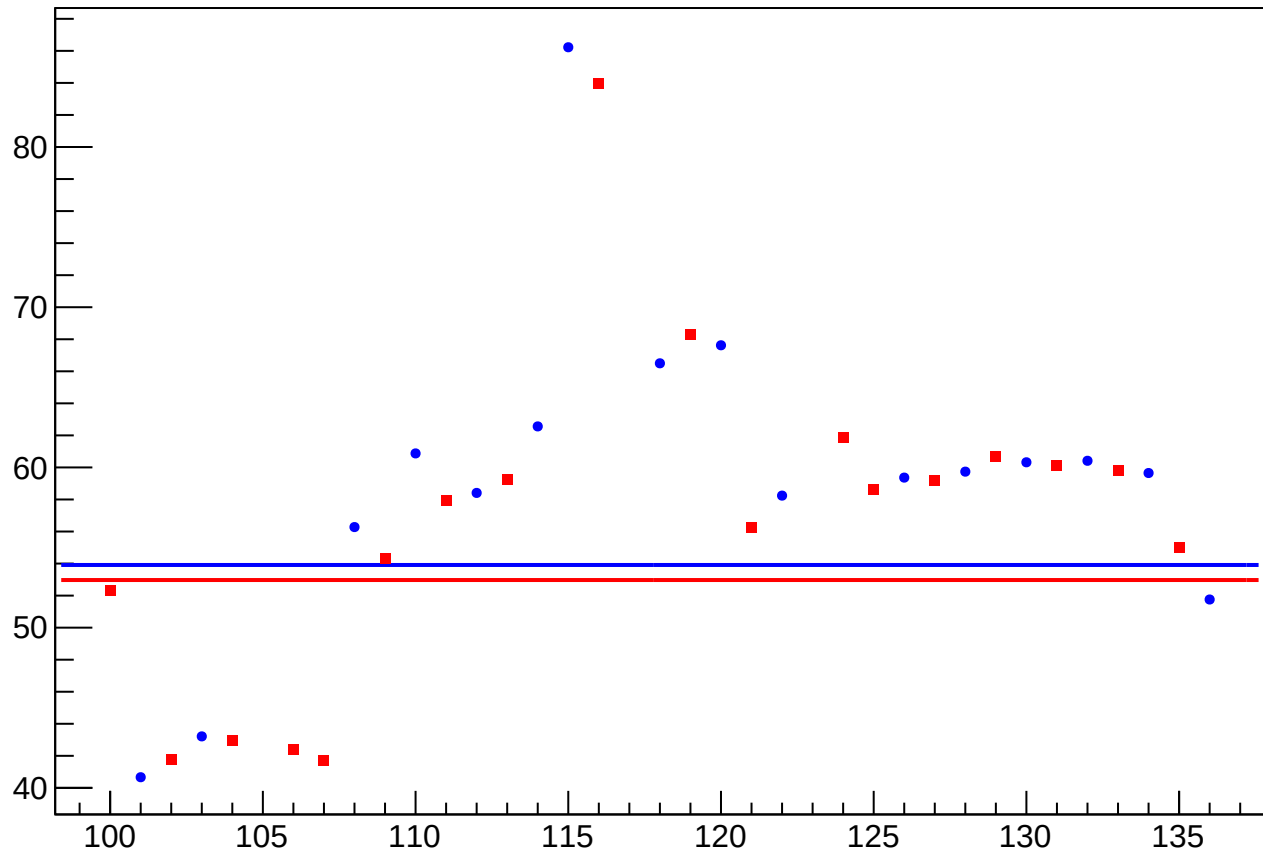
Right: 59.416+/-14.329 χ^2/NDF : 45.9/33

In: 38.782+/-20.413 χ^2/NDF : 23.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.416+/-14.329 χ^2/NDF : 45.9/33

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: 52.972+/-0.014 χ^2/NDF : 424133.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

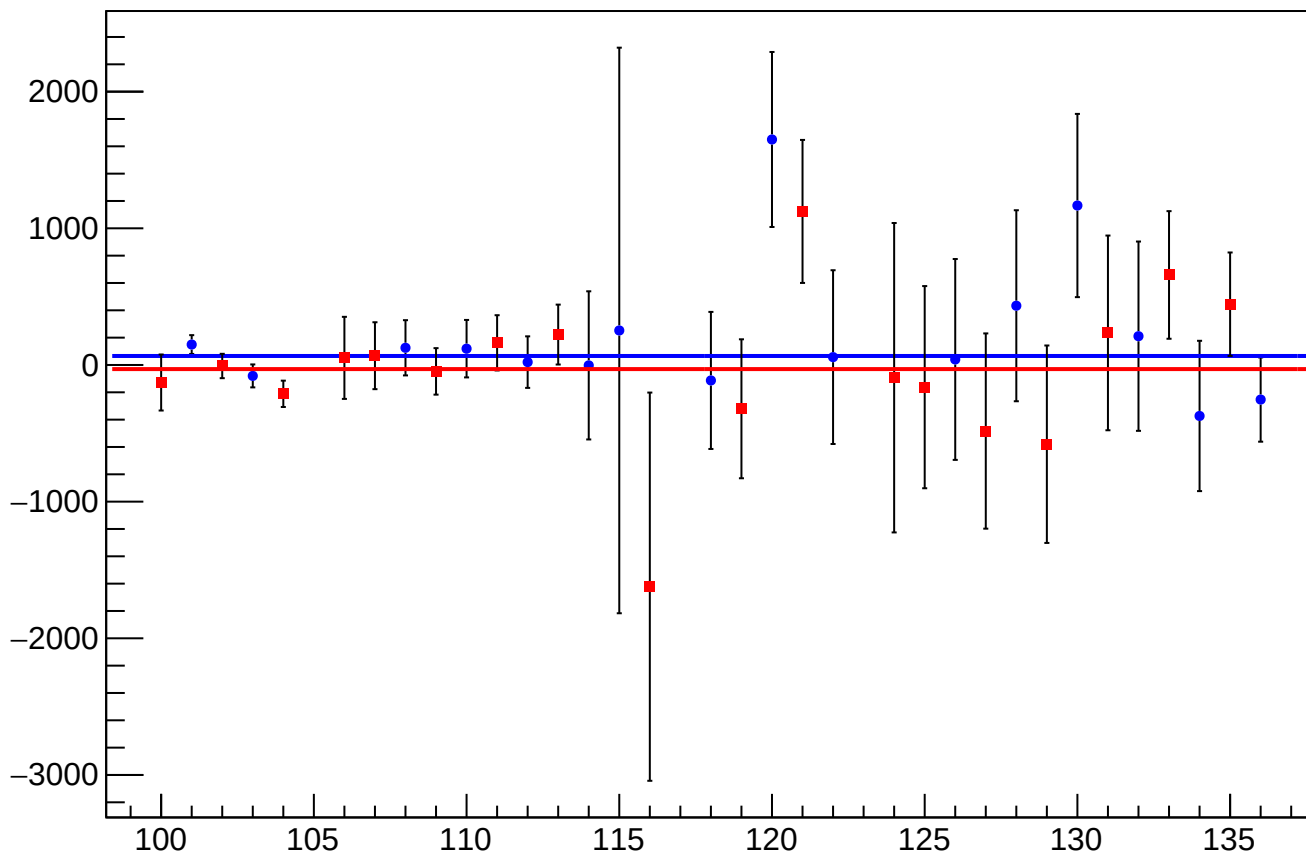
Right: 53.435+/-0.010 χ^2/NDF : 819546.1/33

In: 53.912+/-0.014 χ^2/NDF : 393261.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.435+/-0.010 χ^2/NDF : 819546.1/33

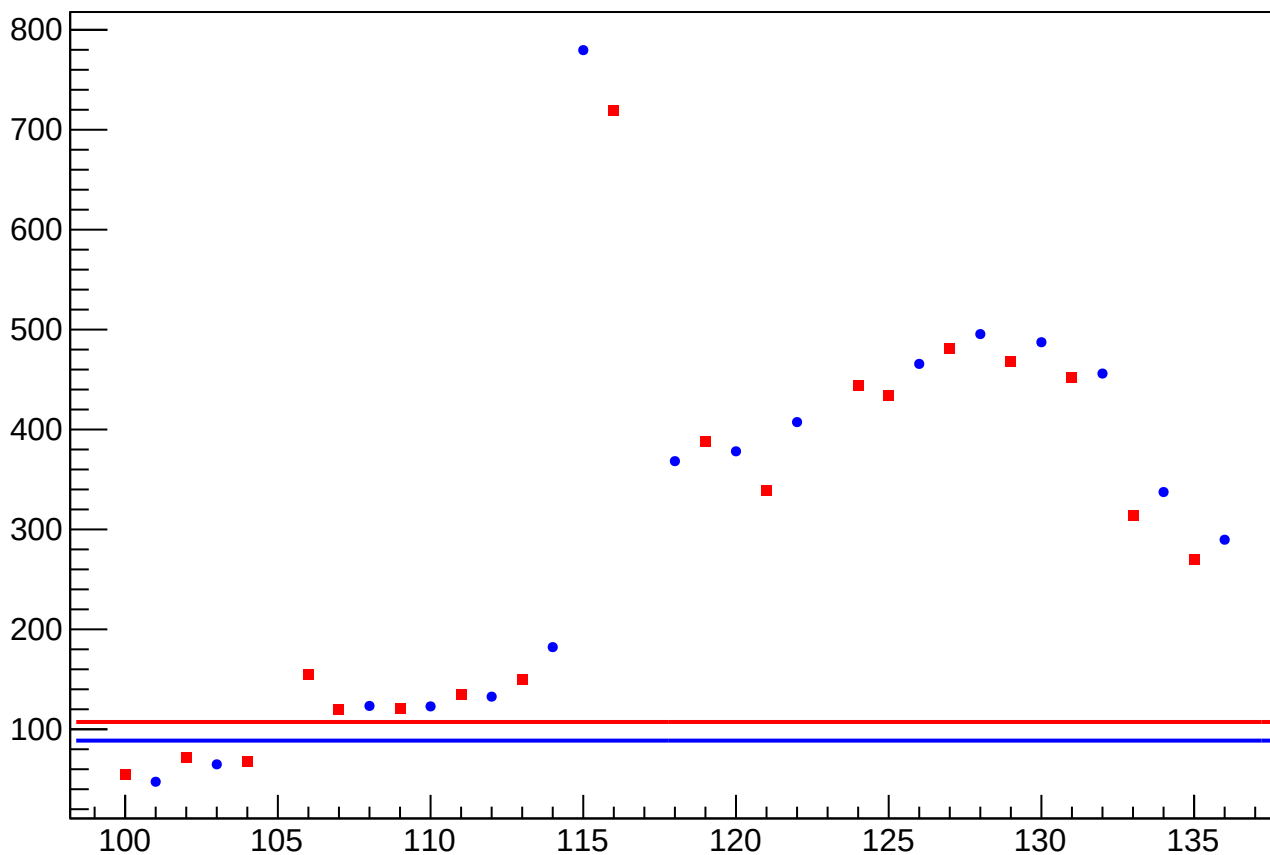
asym_sam_15_avg_reg_correction_mean vs Slug, Sign Corrected



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: -30.066+/-50.433 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: 21.801+/-34.178 χ^2/NDF : 35.3/33
 In: 65.853+/-46.478 χ^2/NDF : 15.7/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 21.801+/-34.178 χ^2/NDF : 35.3/33

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: 107.294+/-0.036 χ^2/NDF : 5196382.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

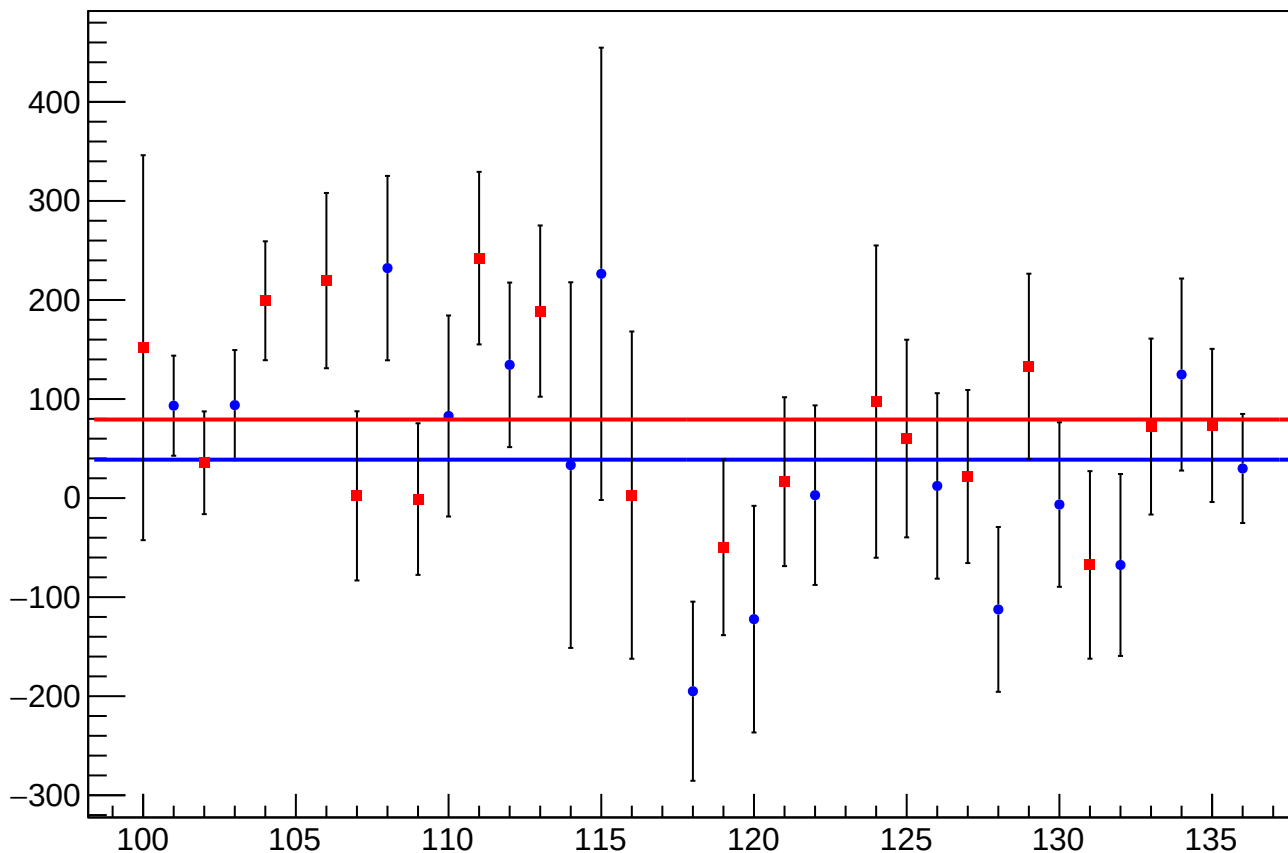
Right: 97.216+/-0.024 χ^2/NDF : 11992106.4/33

In: 88.658+/-0.033 χ^2/NDF :6648055.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.216+/-0.024 χ^2/NDF : 11992106.4/33

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: 79.321 $\pm$ 20.121 χ^2 /NDF: 20.5/17

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

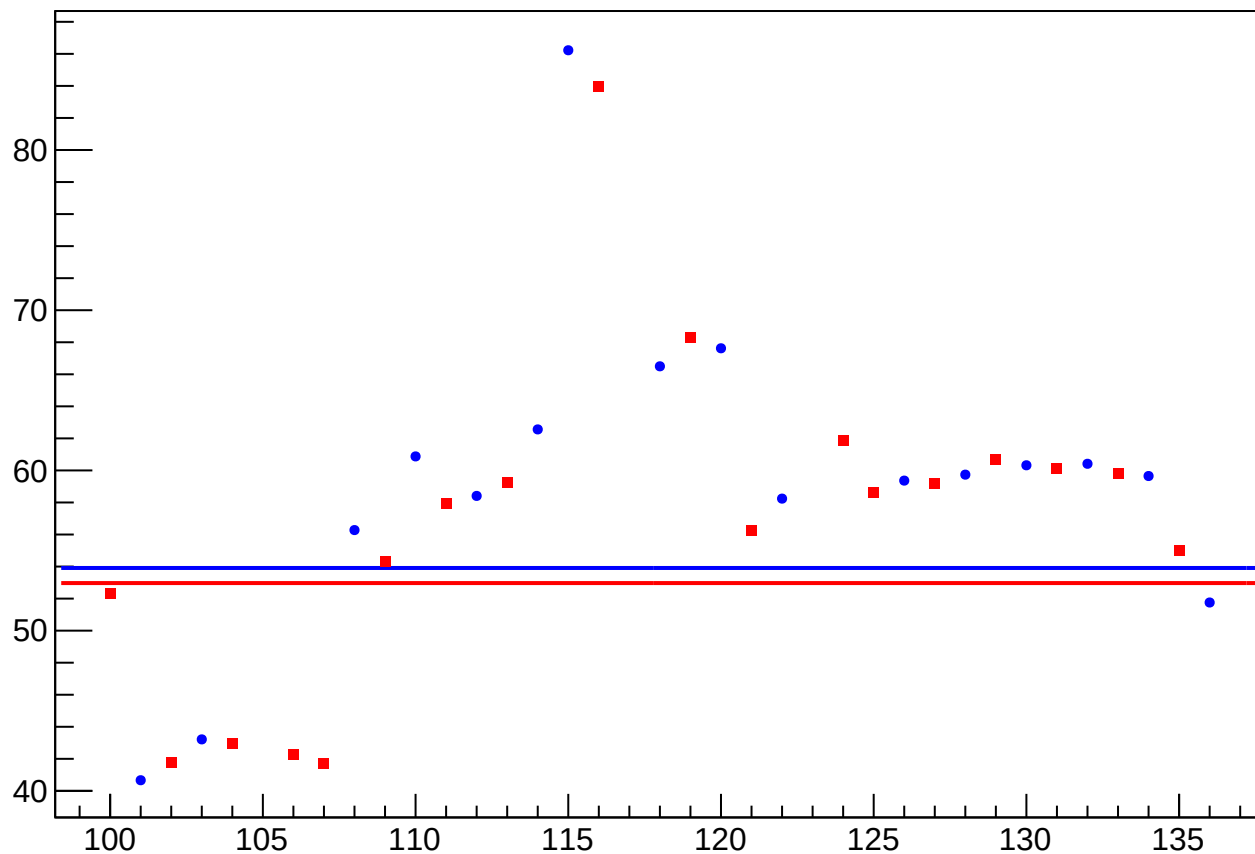
Right: 59.349 $\pm$ 14.330 χ^2 /NDF: 45.8/33

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: 59.349 $\pm$ 14.330 χ^2 /NDF: 45.8/33

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: 52.970+/-0.014 χ^2/NDF : 424443.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

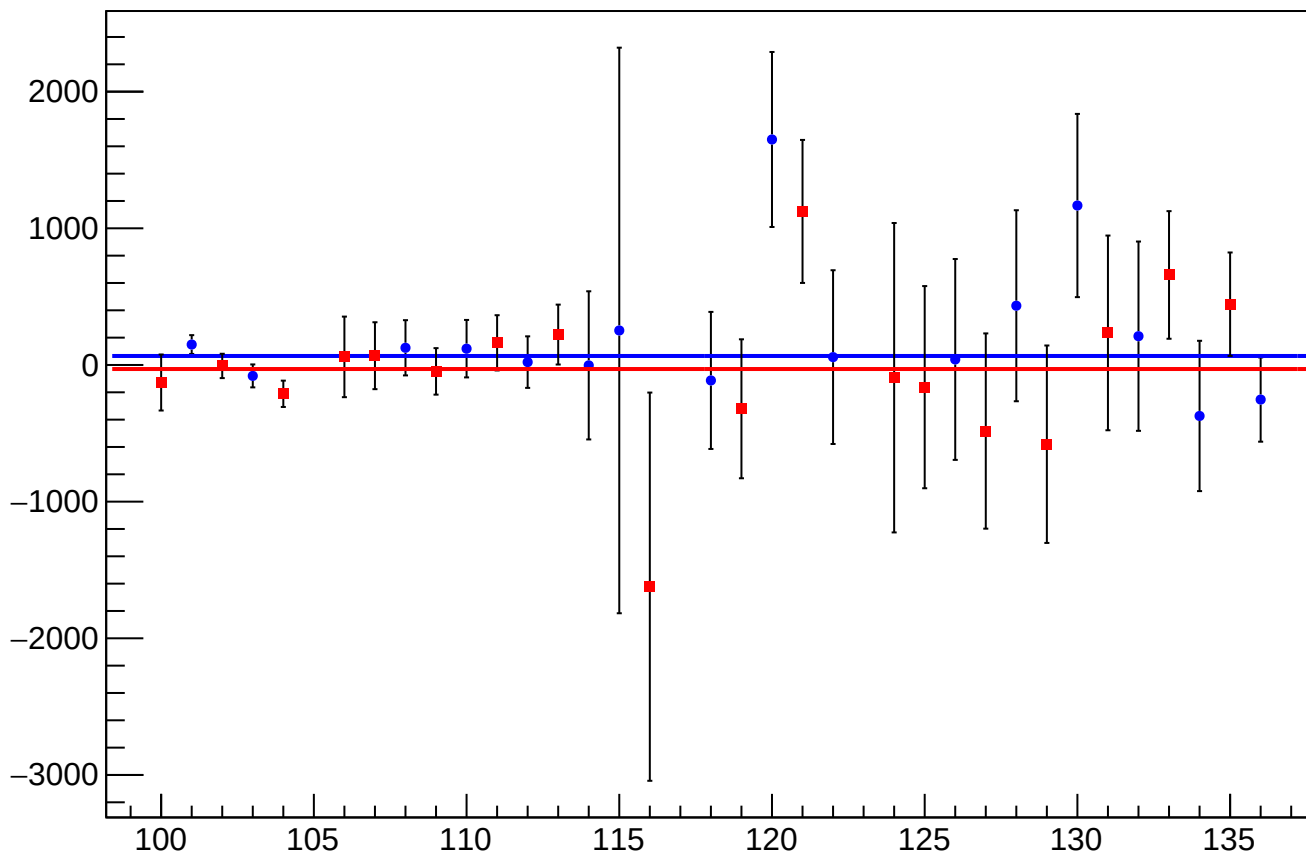
Right: 53.434+/-0.010 χ^2/NDF : 819865.4/33

In: 53.912+/-0.014 χ^2/NDF : 393260.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.434+/-0.010 χ^2/NDF : 819865.4/33

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: -29.615+/-50.390 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

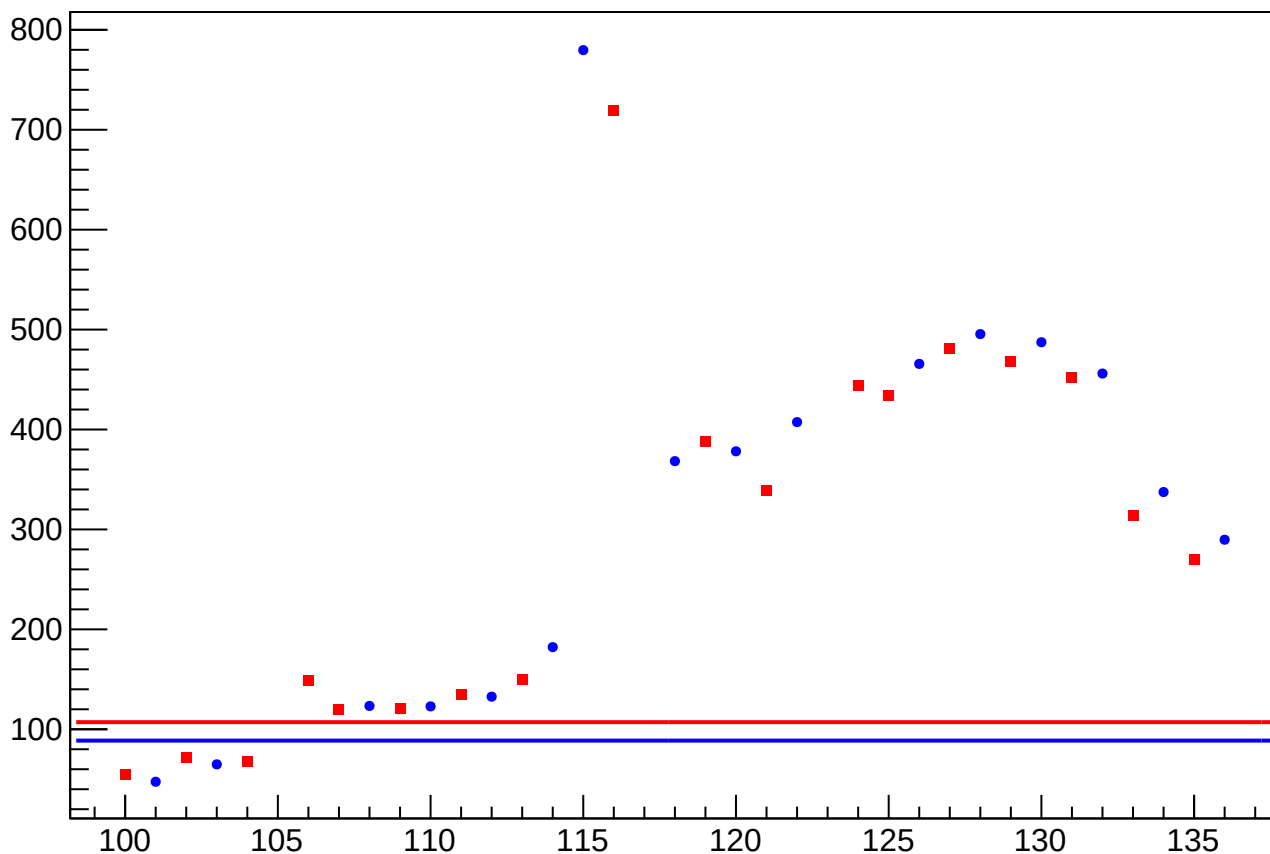
Right: 21.971+/-34.164 χ^2/NDF : 35.3/33

In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.971+/-34.164 χ^2/NDF : 35.3/33

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: 107.116+/-0.036 χ^2/NDF : 5188098.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

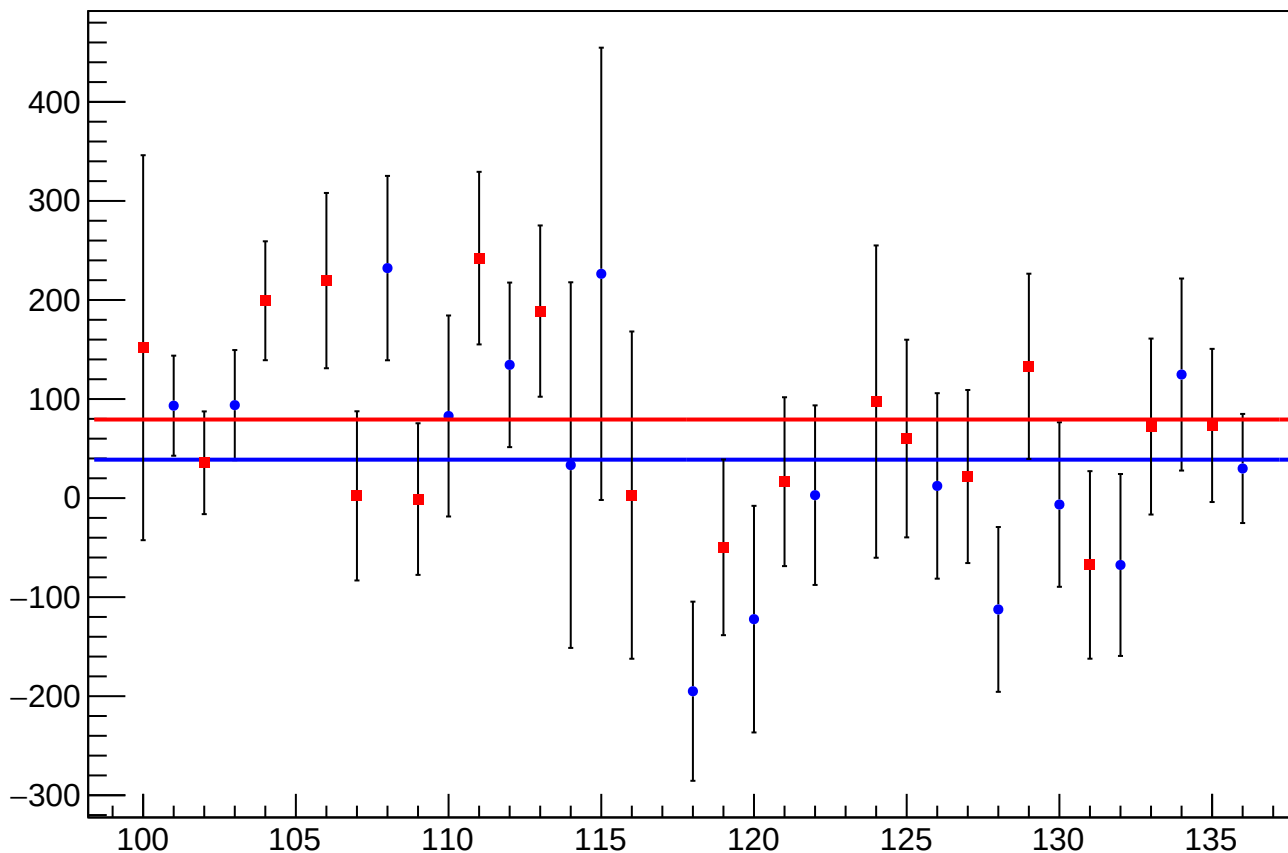
Right: 97.141+/-0.024 χ^2/NDF : 11981275.6/33

In: 88.655+/-0.033 χ^2/NDF :6648135.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.141+/-0.024 χ^2/NDF : 11981275.6/33

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: 79.321 $\pm$ 20.121 χ^2 /NDF: 20.5/17

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

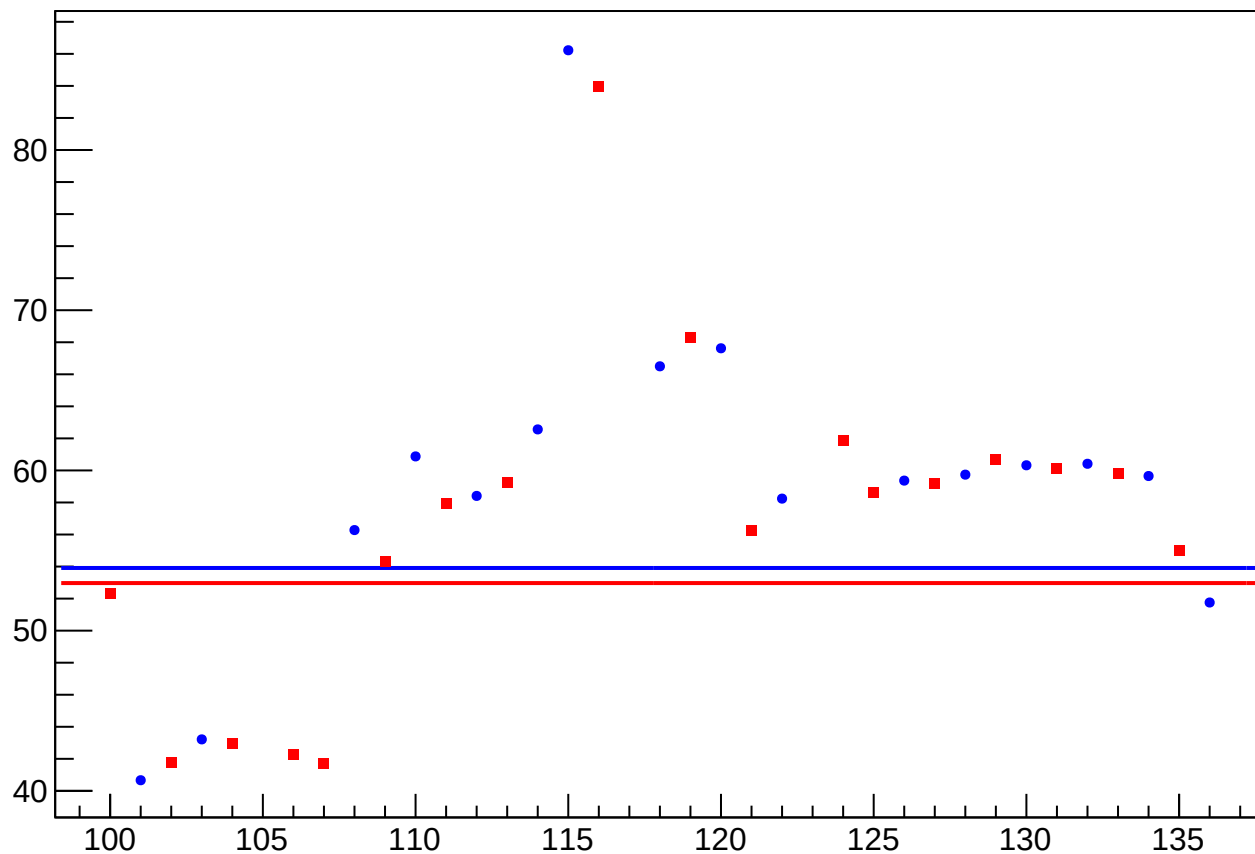
Right: 59.349 $\pm$ 14.330 χ^2 /NDF: 45.8/33

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: 59.349 $\pm$ 14.330 χ^2 /NDF: 45.8/33

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: 52.970 $\pm$ 0.014 χ^2 /NDF: 424443.0/17

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

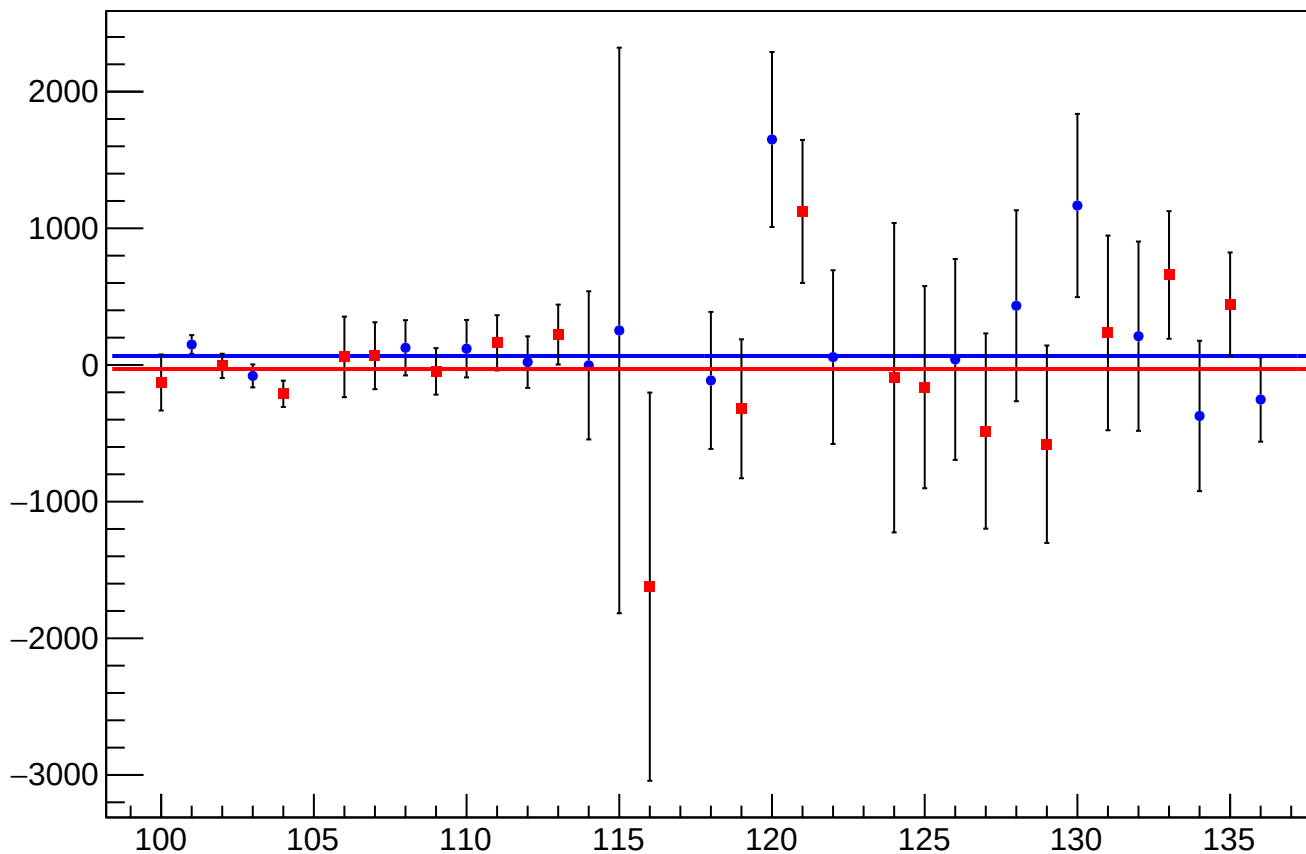
Right: 53.434 $\pm$ 0.010 χ^2 /NDF: 819865.4/33

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: 53.434 $\pm$ 0.010 χ^2 /NDF: 819865.4/33

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: -29.615+/-50.390 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

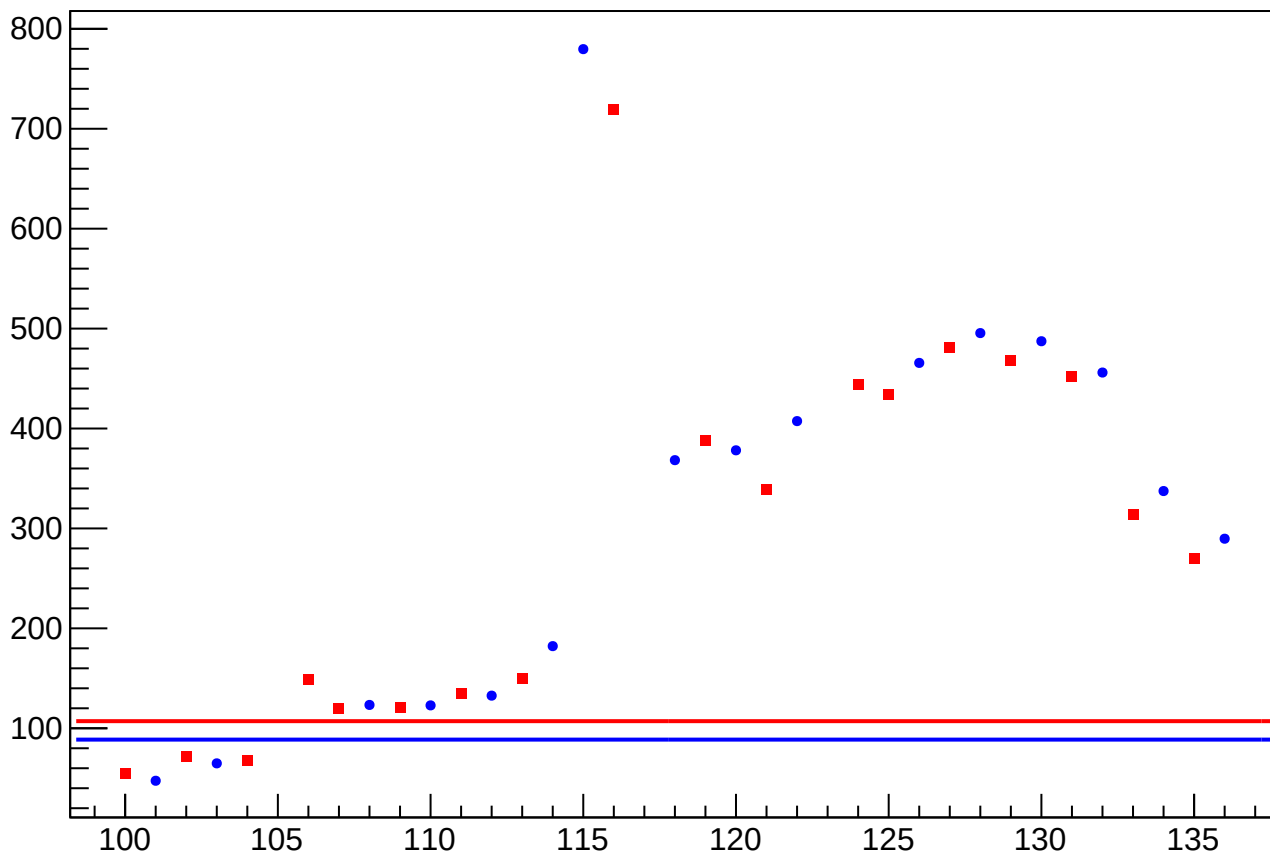
Right: 21.971+/-34.164 χ^2/NDF : 35.3/33

In: 65.857+/-46.477 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.971+/-34.164 χ^2/NDF : 35.3/33

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: 107.116+/-0.036 χ^2/NDF : 5188098.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

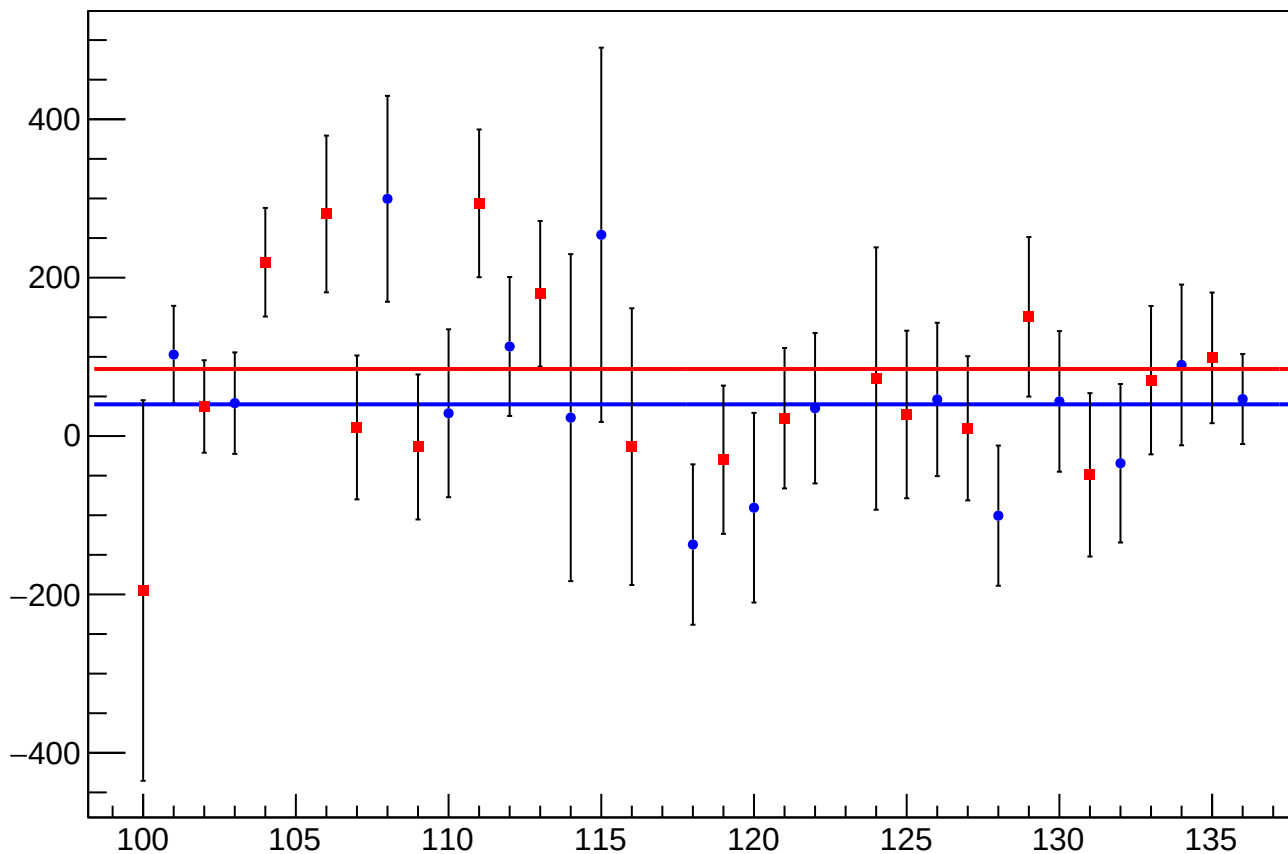
Right: 97.141+/-0.024 χ^2/NDF : 11981275.6/33

In: 88.655+/-0.033 χ^2/NDF :6648135.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 97.141+/-0.024 χ^2/NDF : 11981275.6/33

dit_asym_sam_15_avg_mean vs Slug, Sign Corrected



Right In: 40.030 $\pm$ 22.515 χ^2 /NDF: 14.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.698 $\pm$ 21.964 χ^2 /NDF: 23.1/17

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

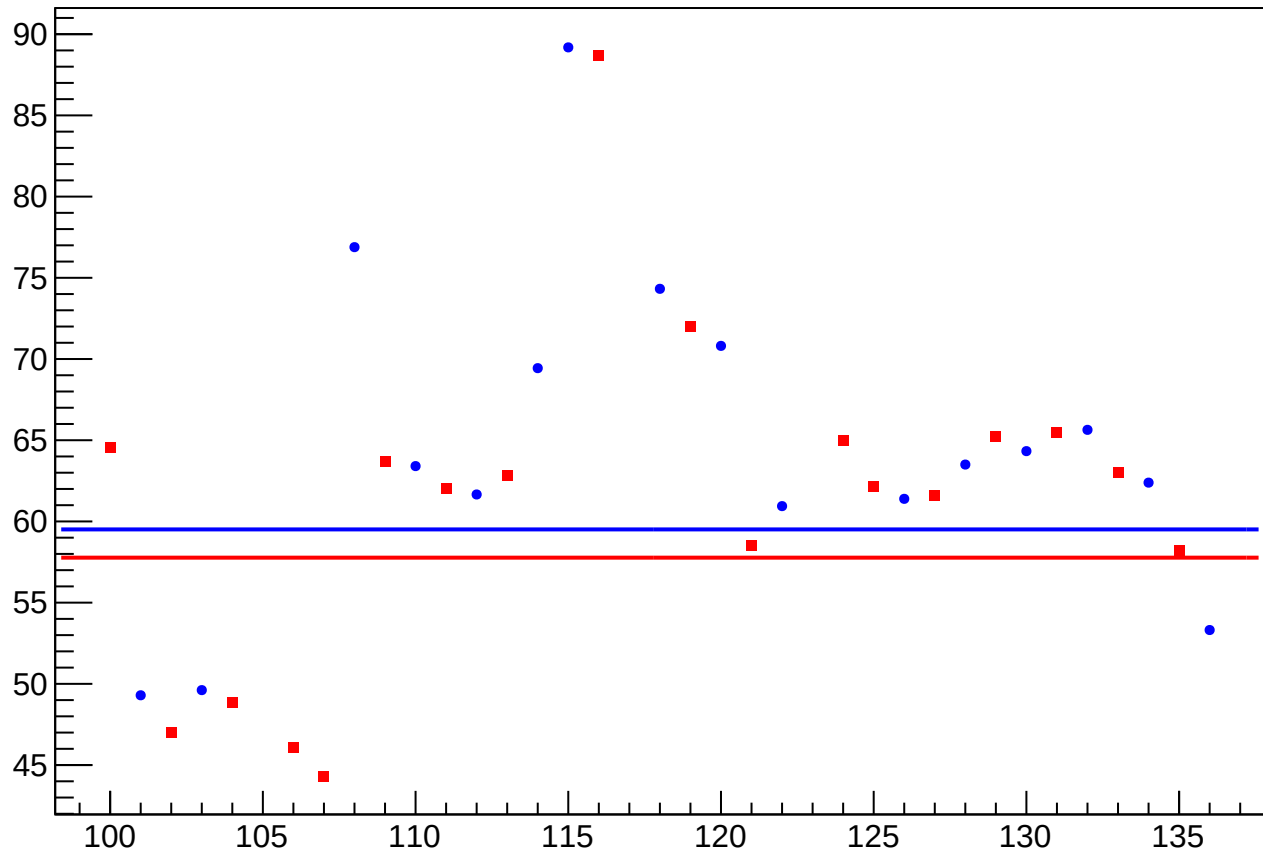
Right: 62.917 $\pm$ 15.722 χ^2 /NDF: 39.3/33

In: 40.030 $\pm$ 22.515 χ^2 /NDF:14.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 62.917 $\pm$ 15.722 χ^2 /NDF: 39.3/33

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: 57.770+/-0.016 χ^2/NDF : 342480.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

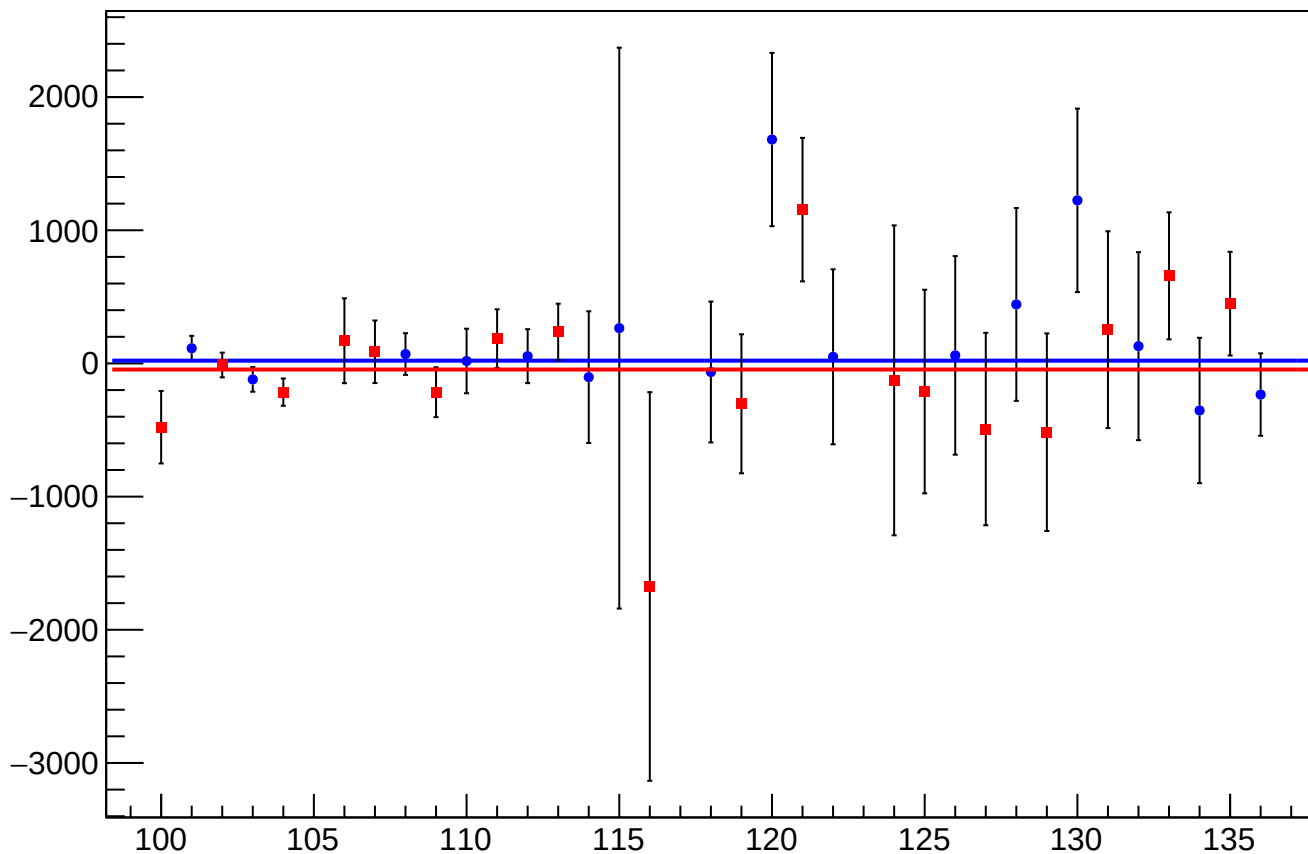
Right: 58.618+/-0.011 χ^2/NDF : 631786.0/33

In: 59.509+/-0.016 χ^2/NDF : 283192.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.618+/-0.011 χ^2/NDF : 631786.0/33

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: -45.814+/-53.383 χ^2/NDF : 21.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

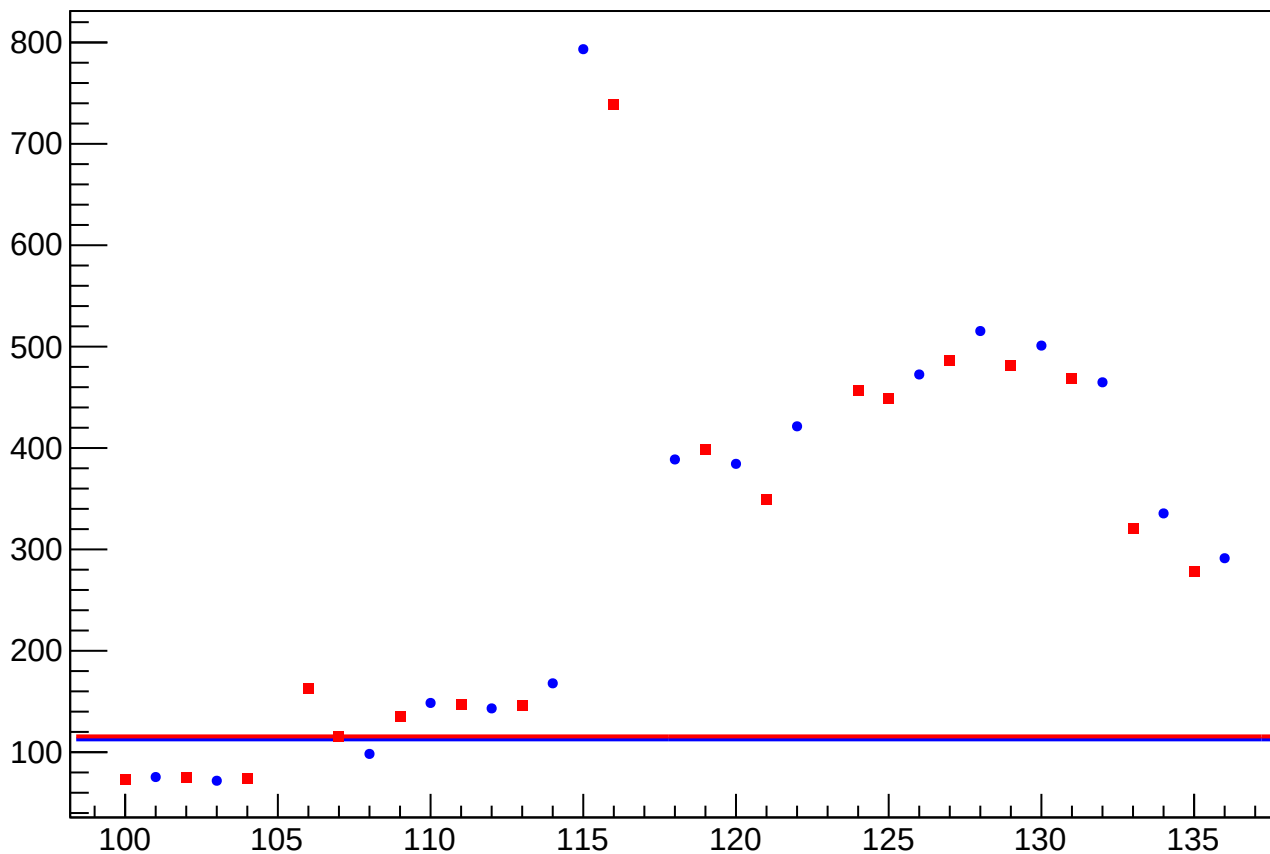
Right: -12.613+/-37.819 χ^2/NDF : 36.6/33

In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.613+/-37.819 χ^2/NDF : 36.6/33

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: 115.556+/-0.038 χ^2/NDF : 4991295.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

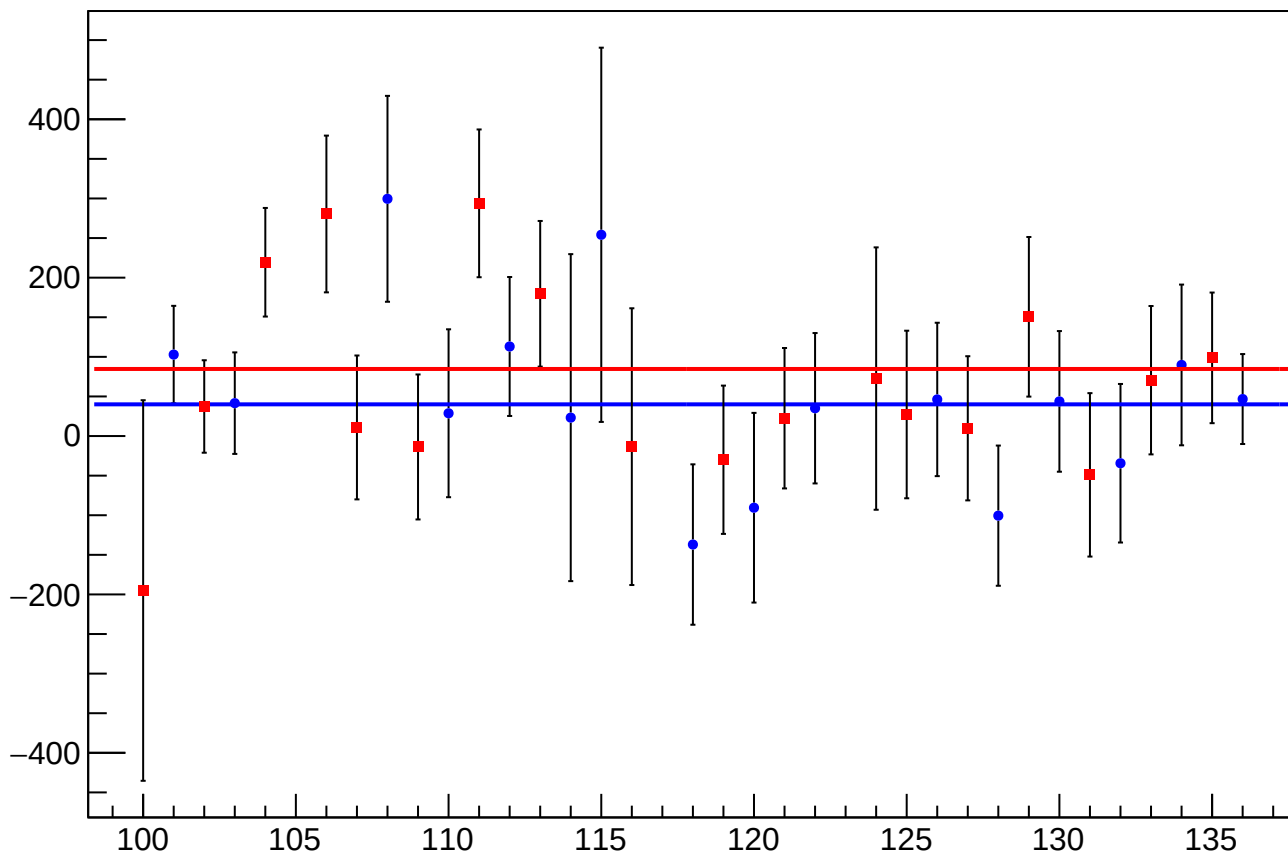
Right: 114.118+/-0.027 χ^2/NDF : 10593866.5/33

In: 112.668+/-0.038 χ^2/NDF : 5599655.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 114.118+/-0.027 χ^2/NDF : 10593866.5/33

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: 84.698+/-21.964 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

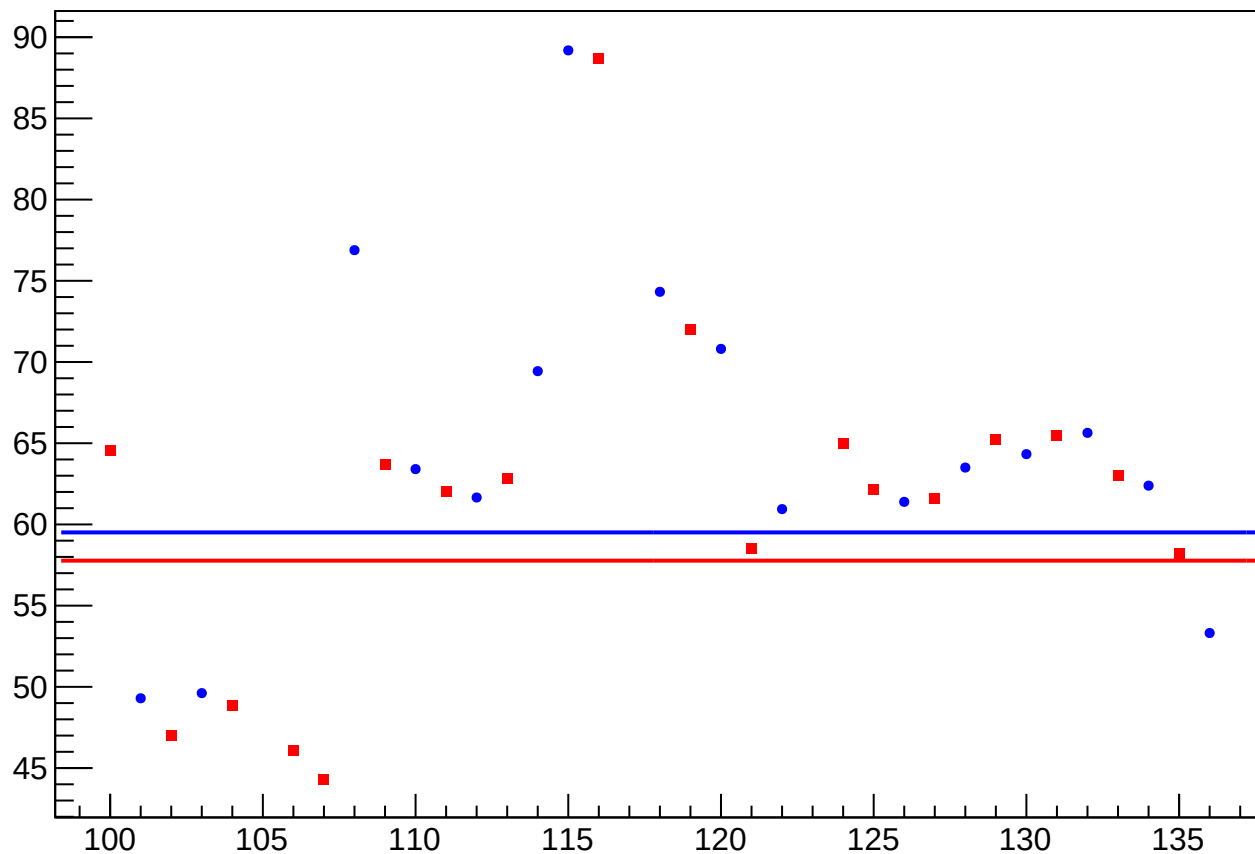
Right: 62.917+/-15.722 χ^2/NDF : 39.3/33

In: 40.030+/-22.515 χ^2/NDF : 14.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.917+/-15.722 χ^2/NDF : 39.3/33

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: 57.770+/-0.016 χ^2/NDF : 342477.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

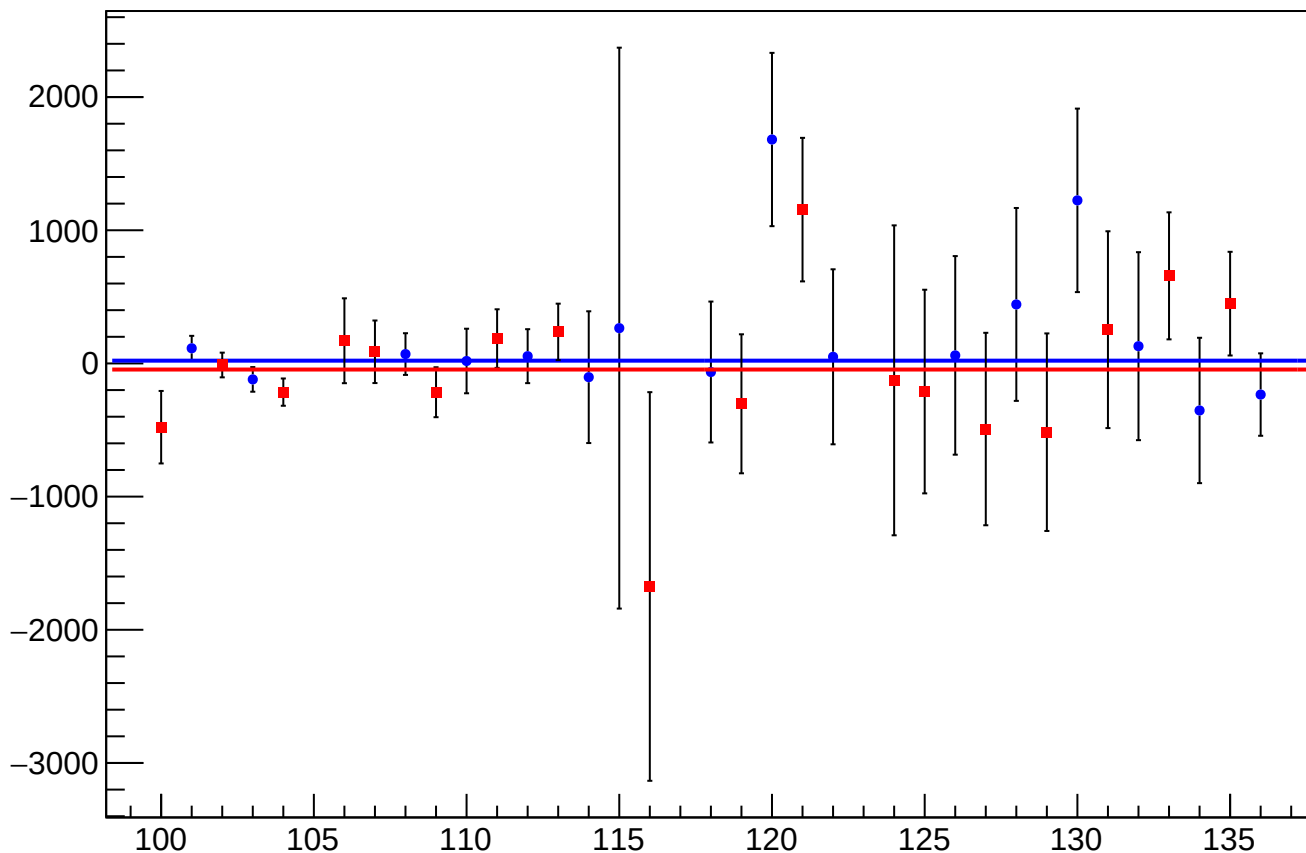
Right: 58.618+/-0.011 χ^2/NDF : 631780.5/33

In: 59.509+/-0.016 χ^2/NDF : 283190.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.618+/-0.011 χ^2/NDF : 631780.5/33

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: -45.814+/-53.383 χ^2/NDF : 21.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

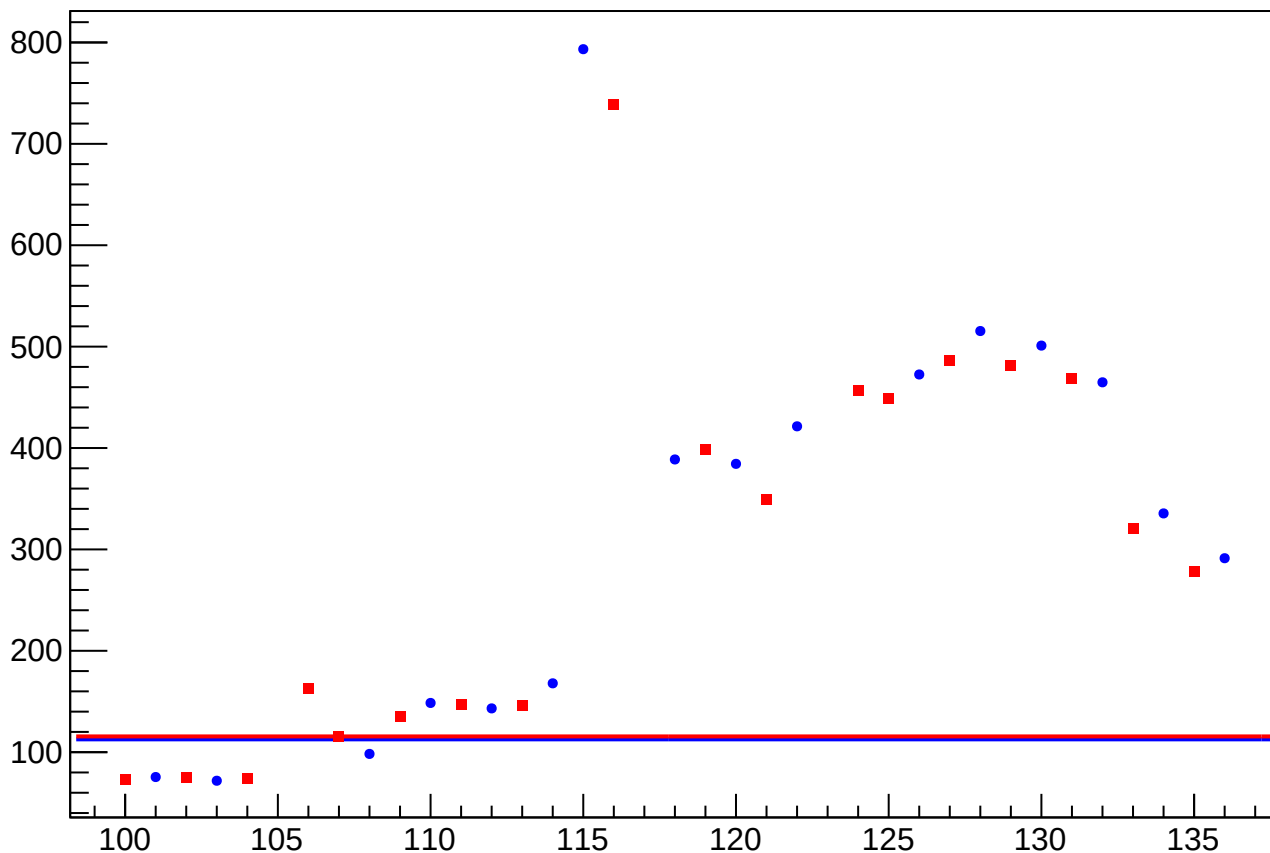
Right: -12.613+/-37.819 χ^2/NDF : 36.6/33

In: 20.840+/-53.585 χ^2/NDF : 14.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.613+/-37.819 χ^2/NDF : 36.6/33

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: 115.556+/-0.038 χ^2/NDF : 4991298.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

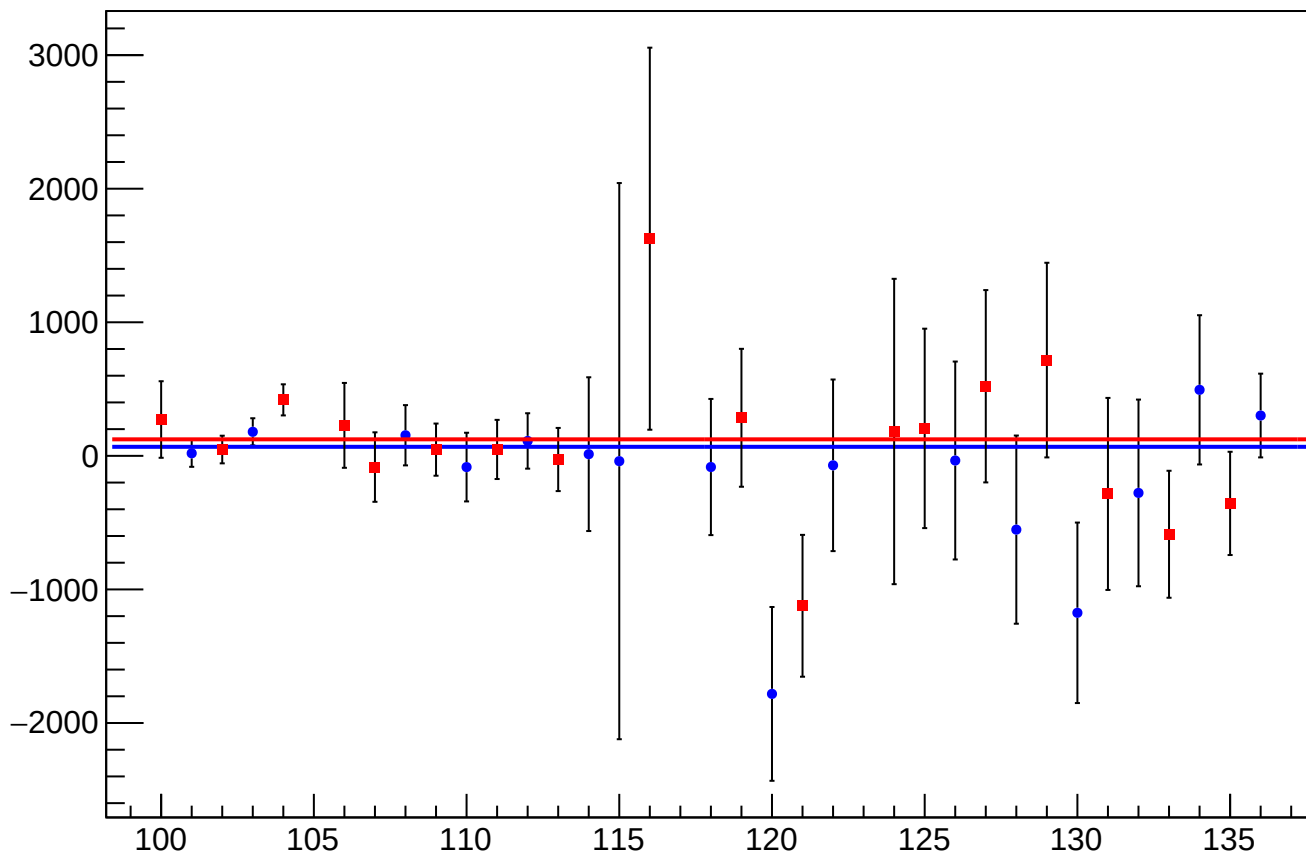
Right: 114.117+/-0.027 χ^2/NDF : 10593868.4/33

In: 112.668+/-0.038 χ^2/NDF :5599653.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 114.117+/-0.027 χ^2/NDF : 10593868.4/33

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: 123.689+/-58.153 χ^2/NDF : 20.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

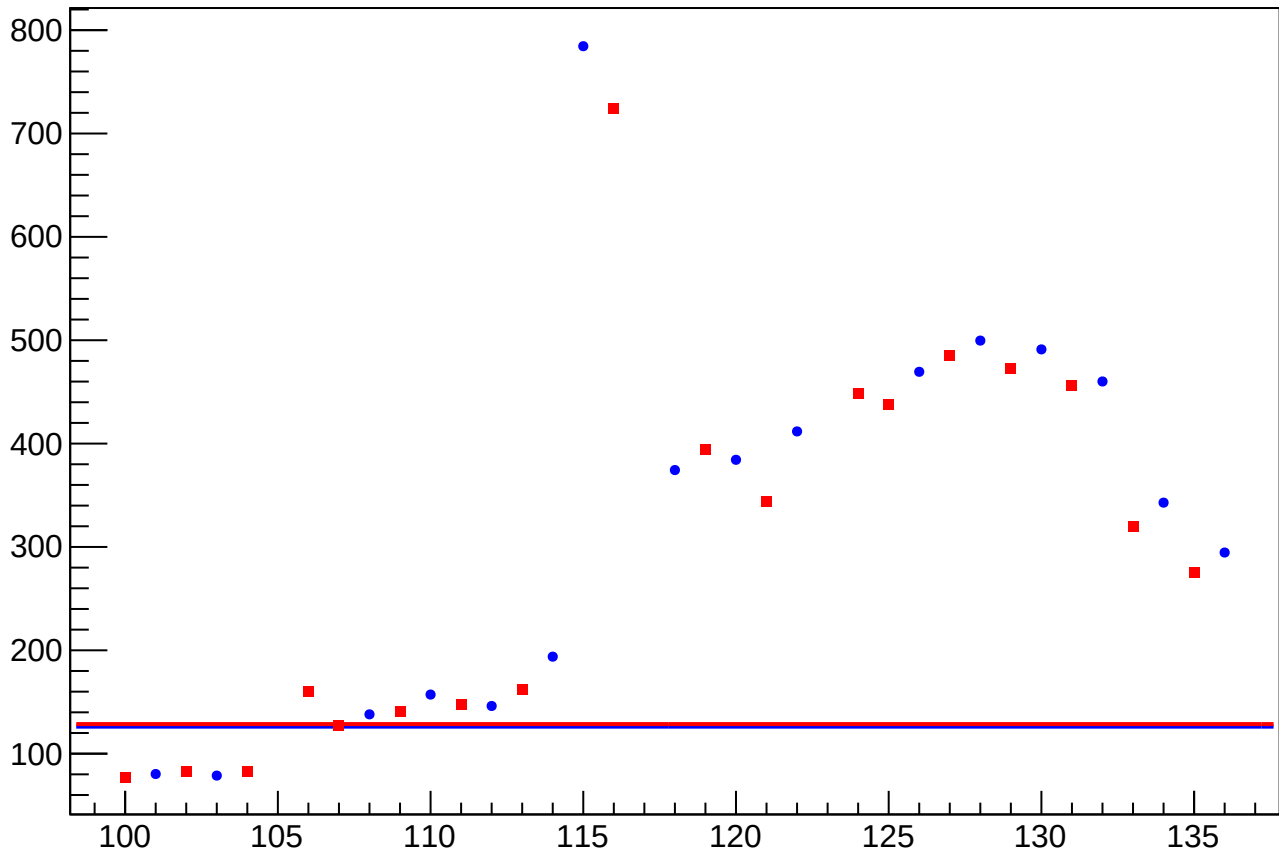
Right: 96.141+/-41.475 χ^2/NDF : 36.7/33

In: 67.621+/-59.169 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.141+/-41.475 χ^2/NDF : 36.7/33

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: 128.630+/-0.041 χ^2/NDF : 4513271.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

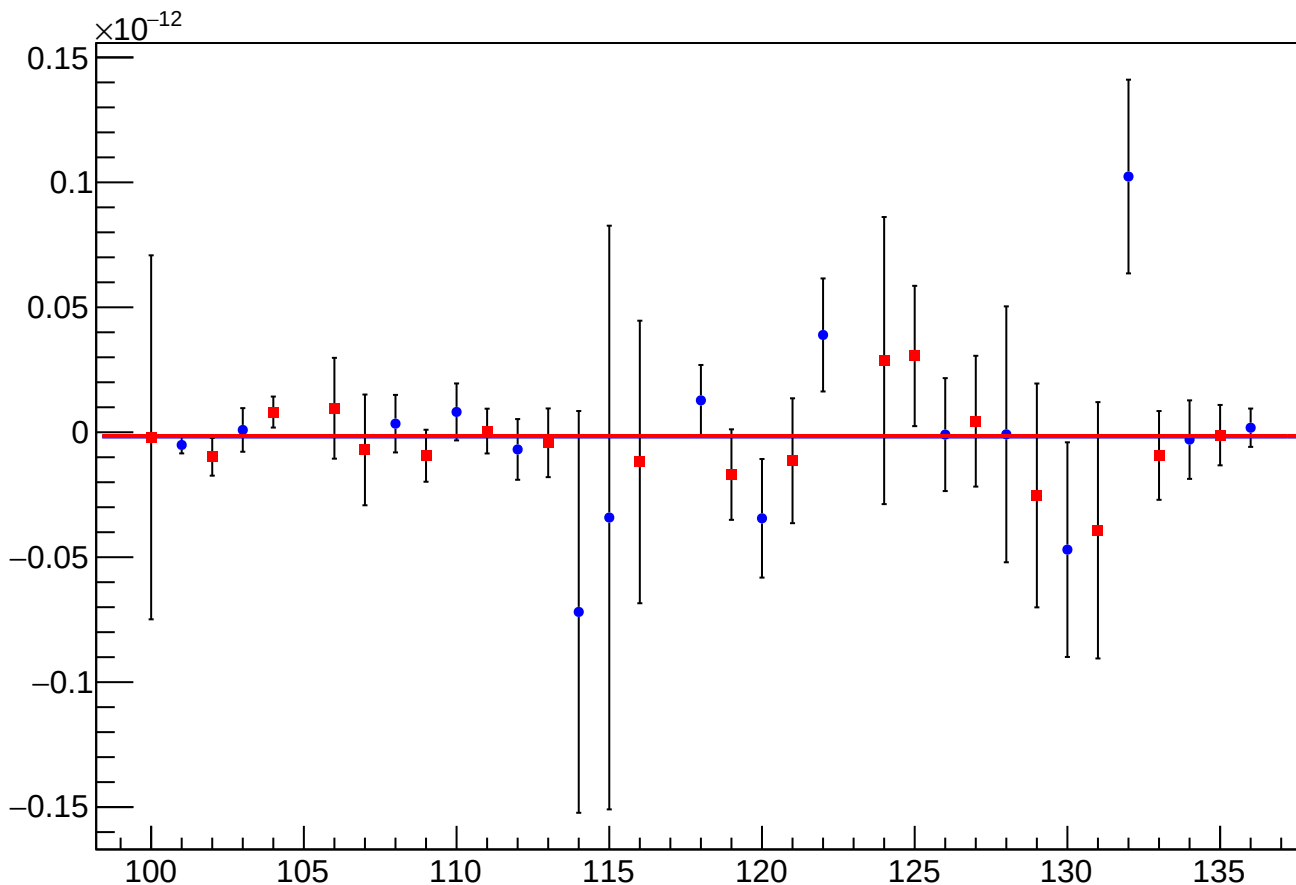
Right: 127.413+/-0.029 χ^2/NDF : 9735181.1/33

In: 126.154+/-0.042 χ^2/NDF : 5220128.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.413+/-0.029 χ^2/NDF : 9735181.1/33

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 : 8.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

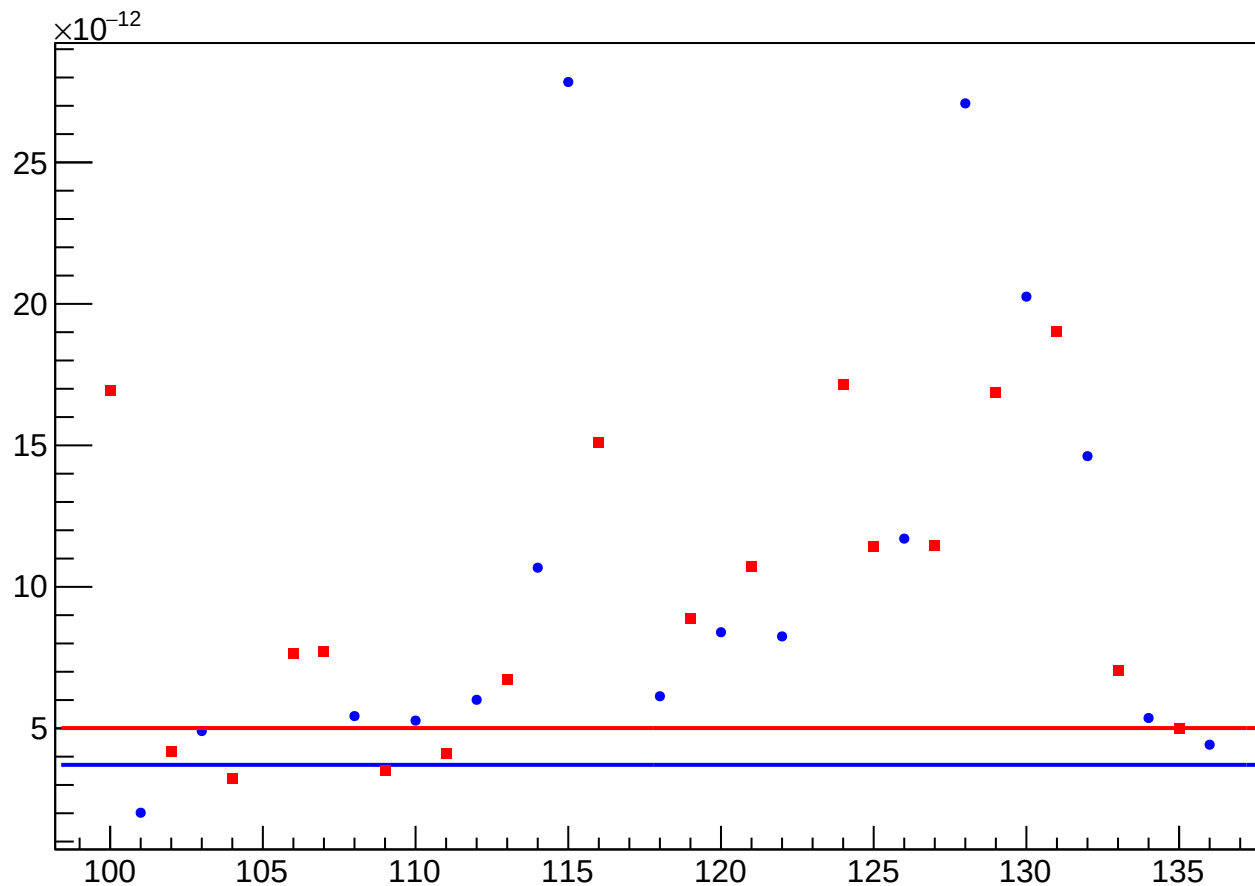
Right: -0.000+/-0.000 χ^2/NDF : 26.0/33

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 : 26.0/33

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 : 1293073.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

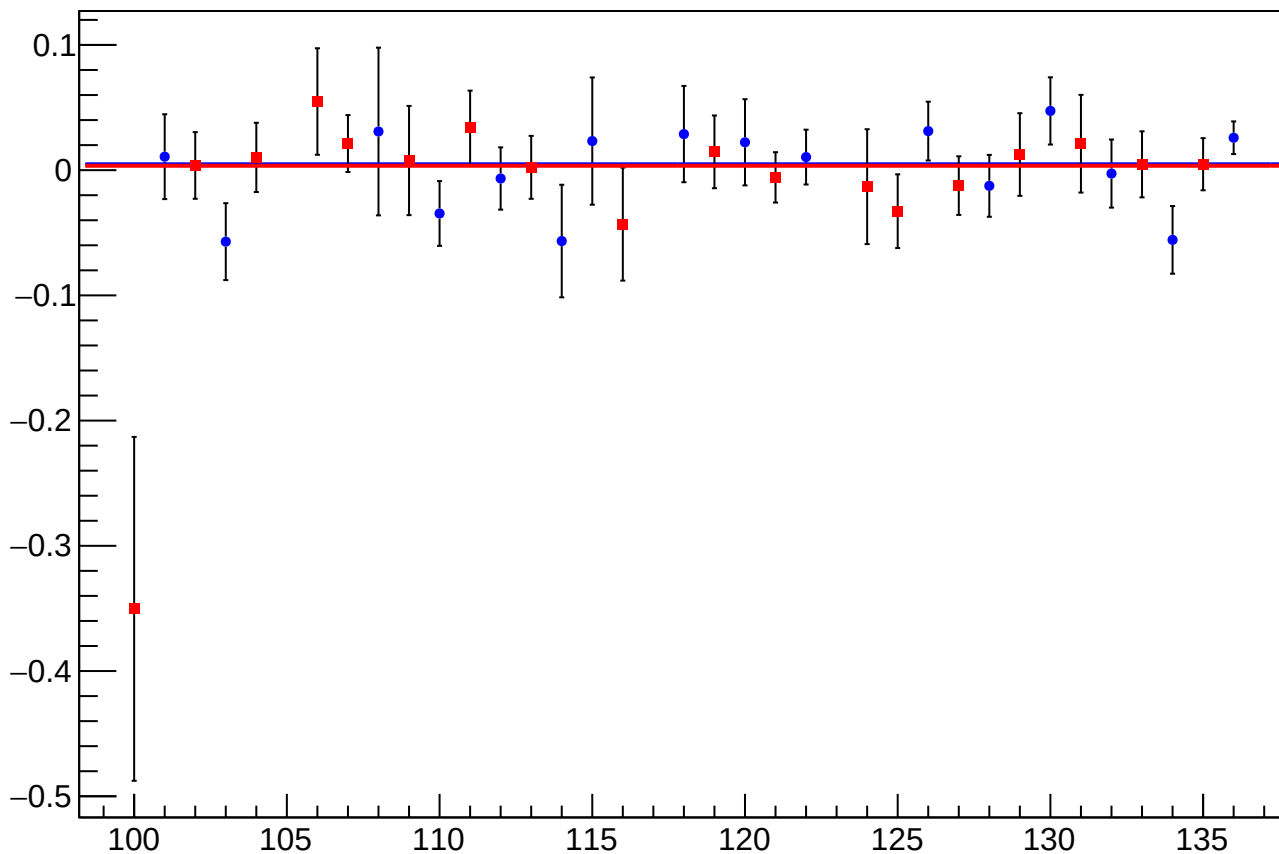
Right: 0.000+/-0.000 χ^2/NDF : 3664083.9/33

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 : 3664083.9/33

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: 13.6/17

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

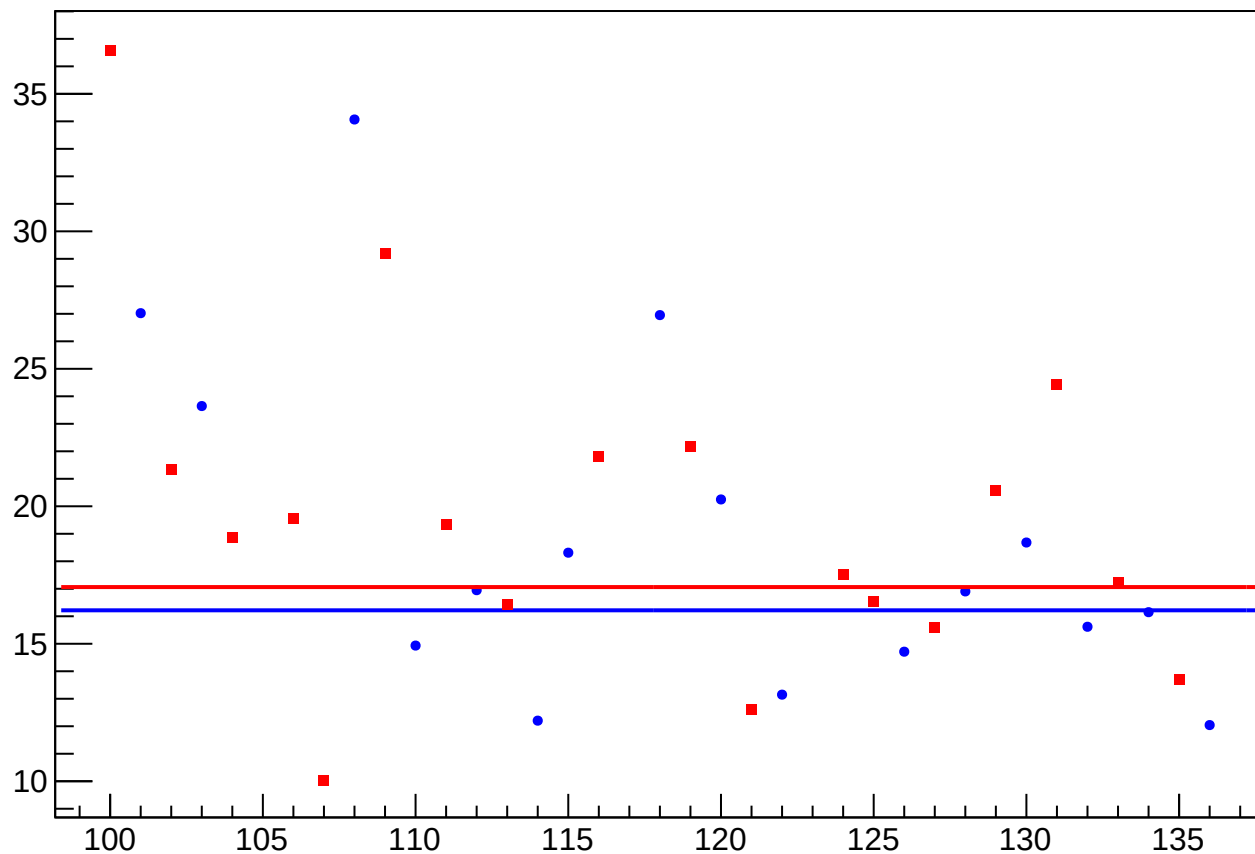
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/33

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: 35.1/33

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: 17.062+/-0.005 χ^2/NDF : 803479.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

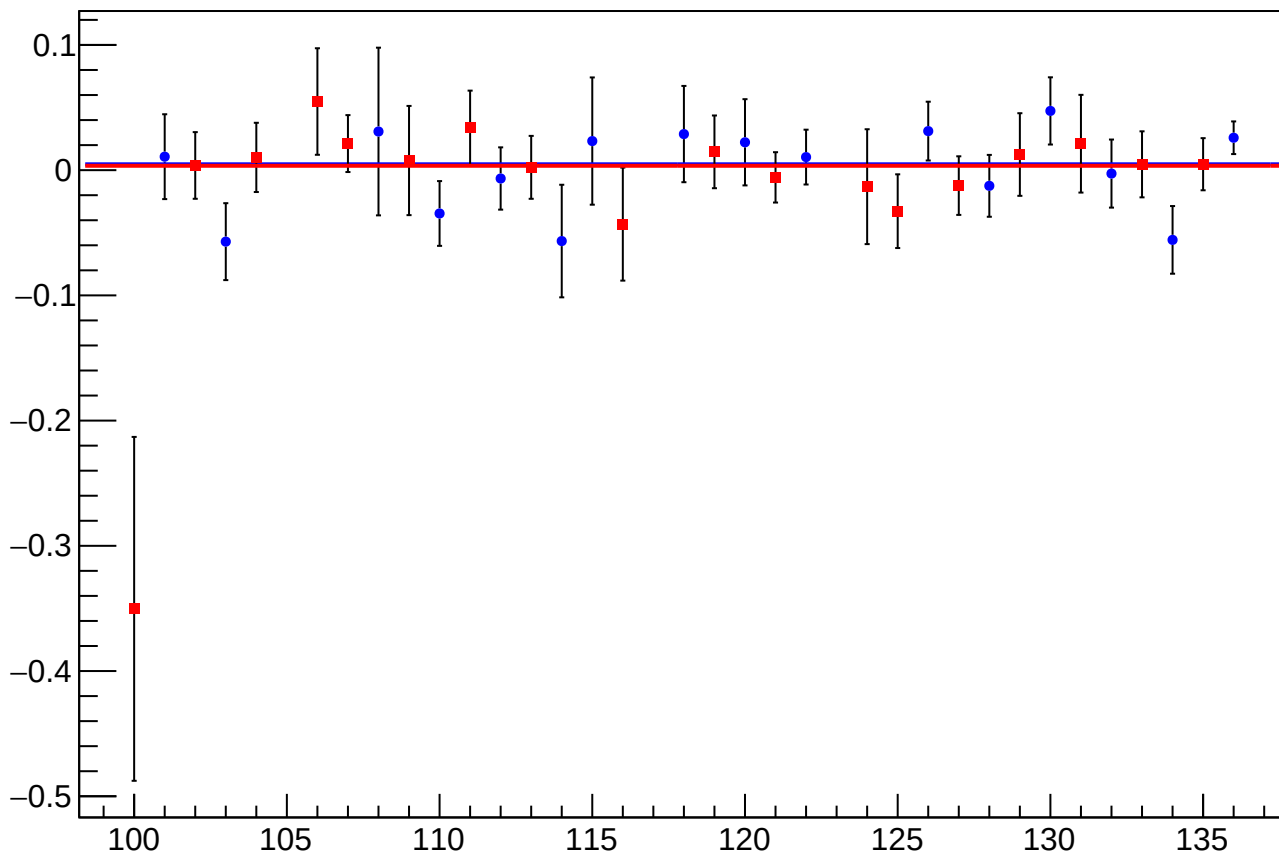
Right: 16.622+/-0.003 χ^2/NDF : 1763264.2/33

In: 16.217+/-0.005 χ^2/NDF : 943864.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.622+/-0.003 χ^2/NDF : 1763264.2/33

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: 13.6/17

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

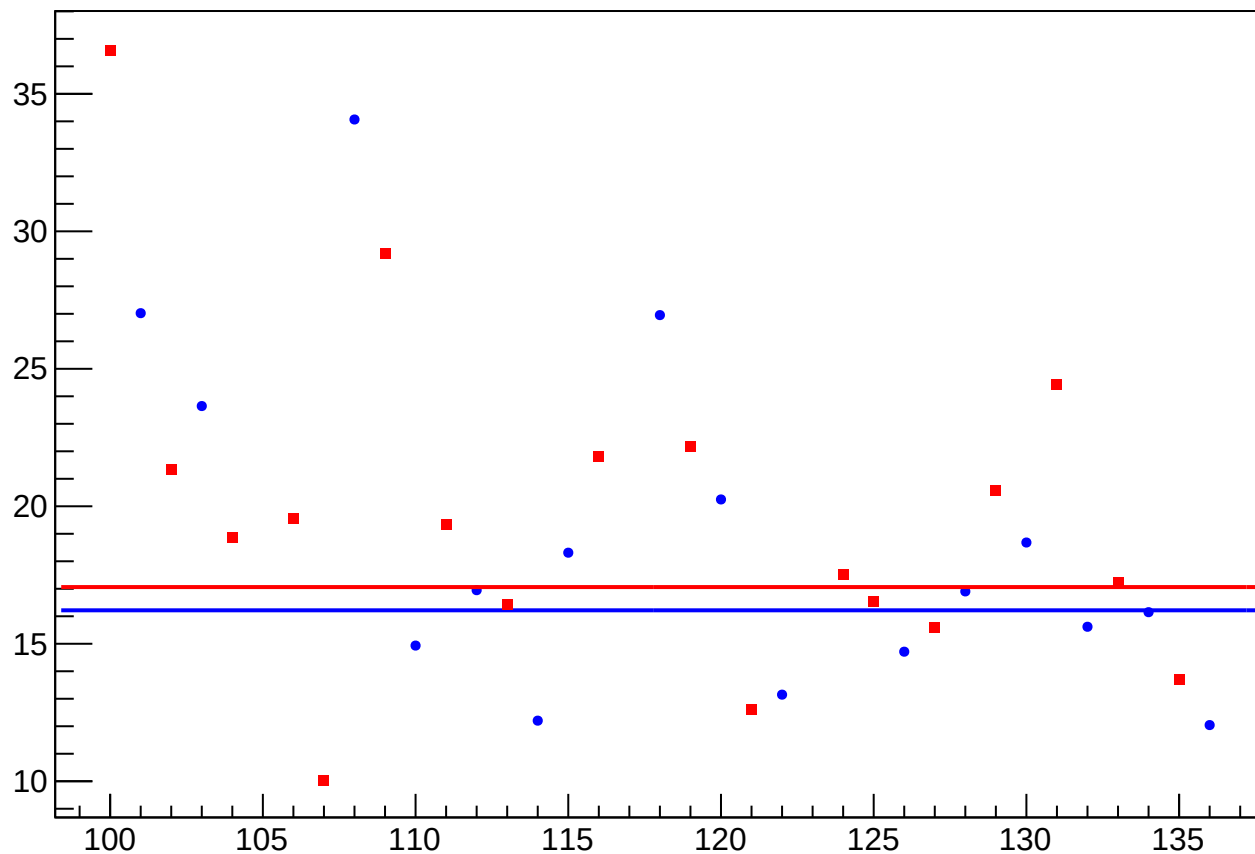
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/33

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: 35.1/33

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: 17.062 $\pm$ 0.005 χ^2 /NDF: 803479.5/17

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

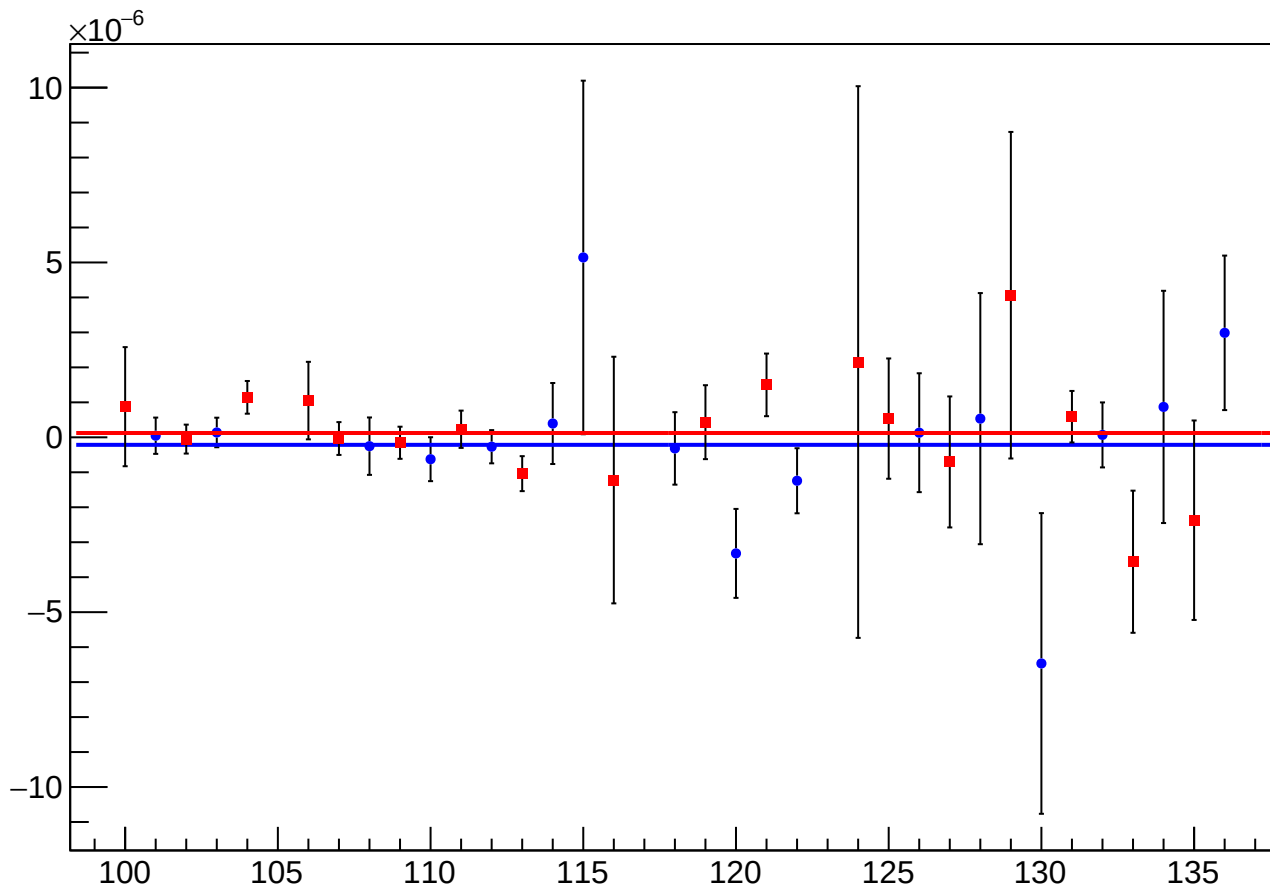
Right: 16.622 $\pm$ 0.003 χ^2 /NDF: 1763264.2/33

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: 16.622 $\pm$ 0.003 χ^2 /NDF: 1763264.2/33

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 : 19.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

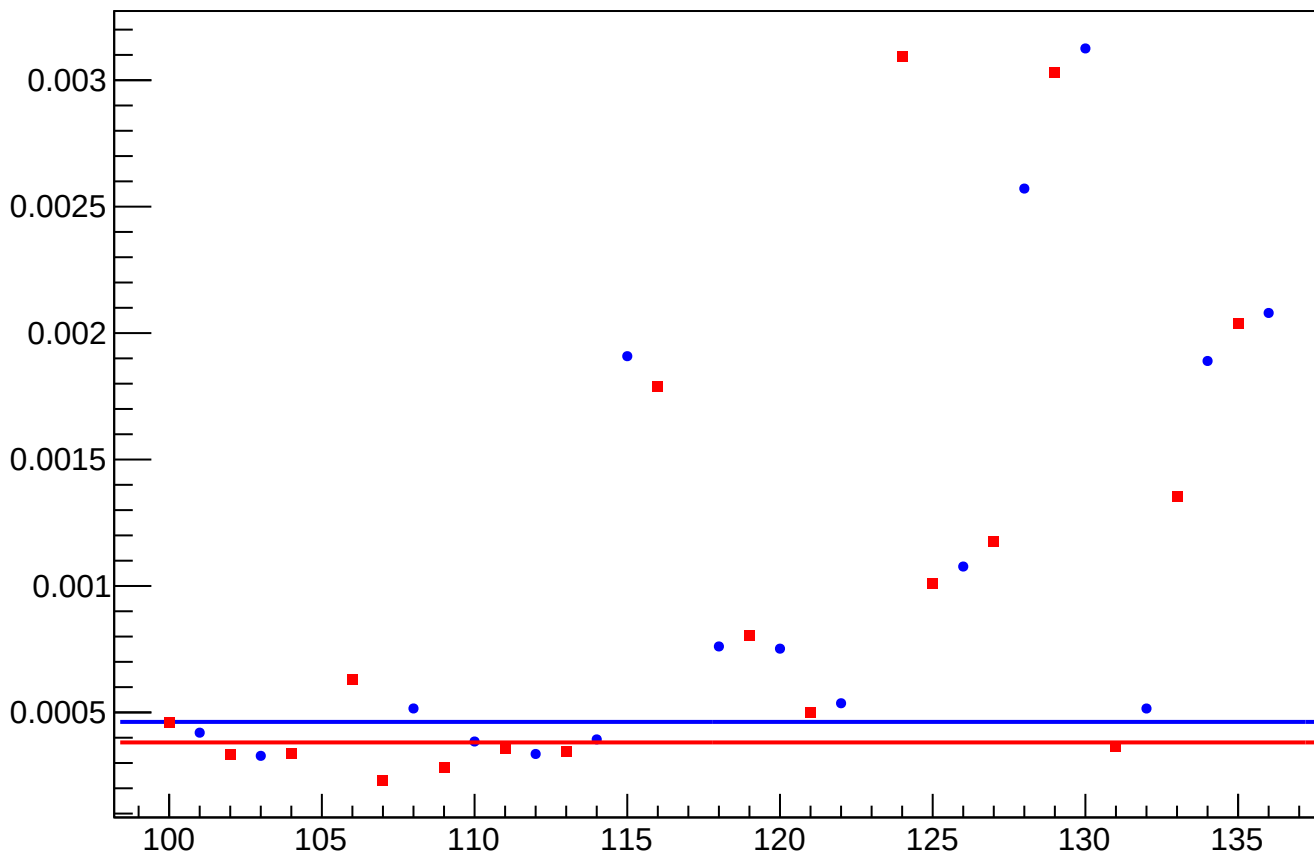
Right: -0.000+/-0.000 χ^2/NDF : 35.9/33

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 : 35.9/33

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 : 3783144.7/17

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 : 7979645.0/33

In: 0.000+/-0.000

χ^2/NDF : 4015939.2/15

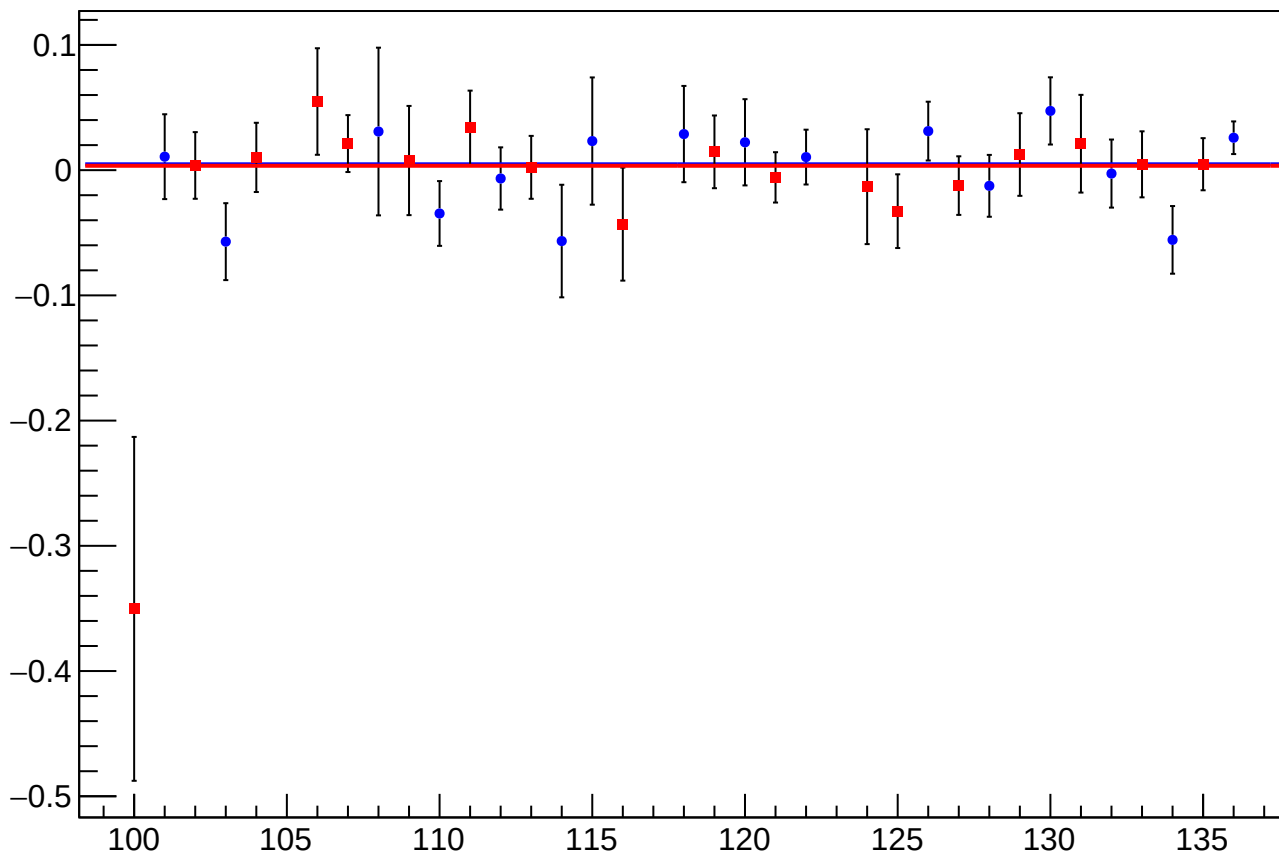
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000

χ^2/NDF : 7979645.0/33

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: 13.6/17

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

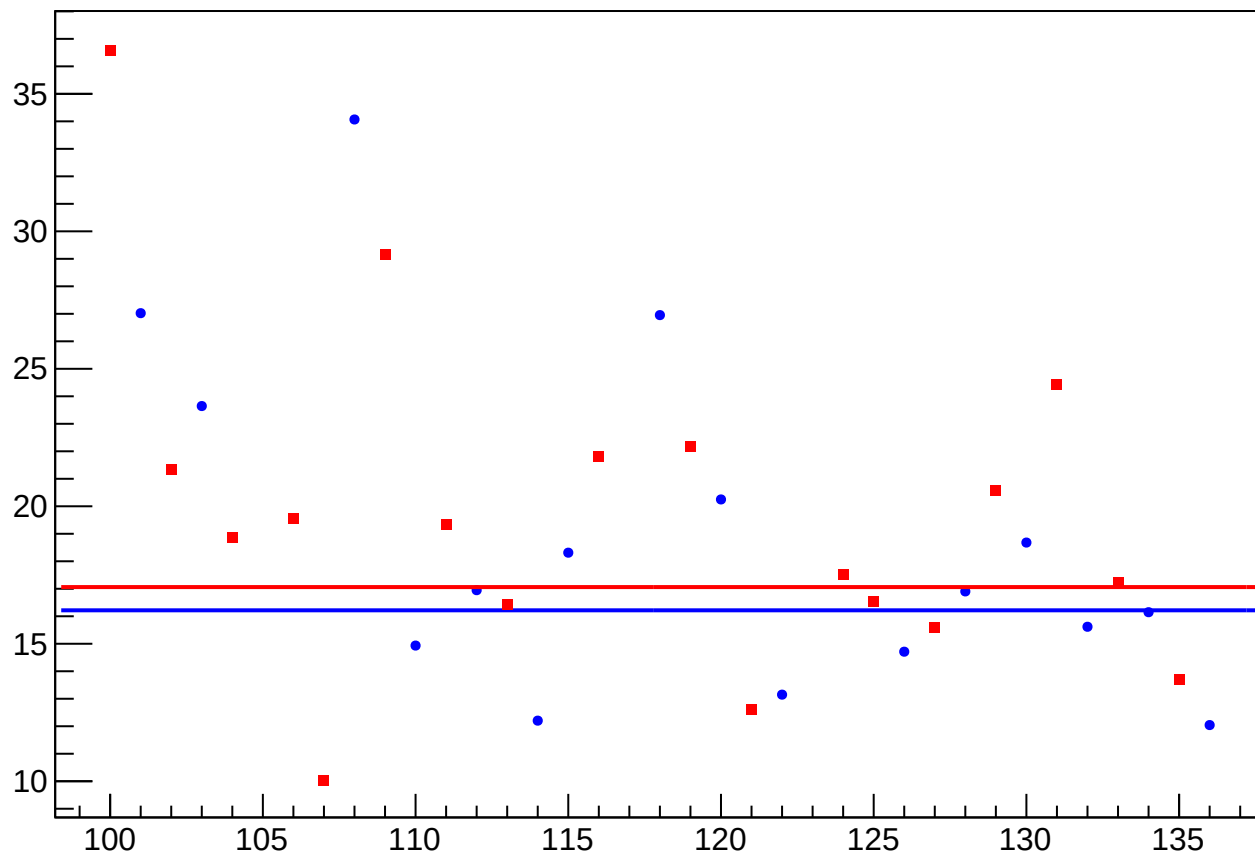
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/33

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: 35.1/33

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: 17.062+/-0.005 χ^2/NDF : 803497.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

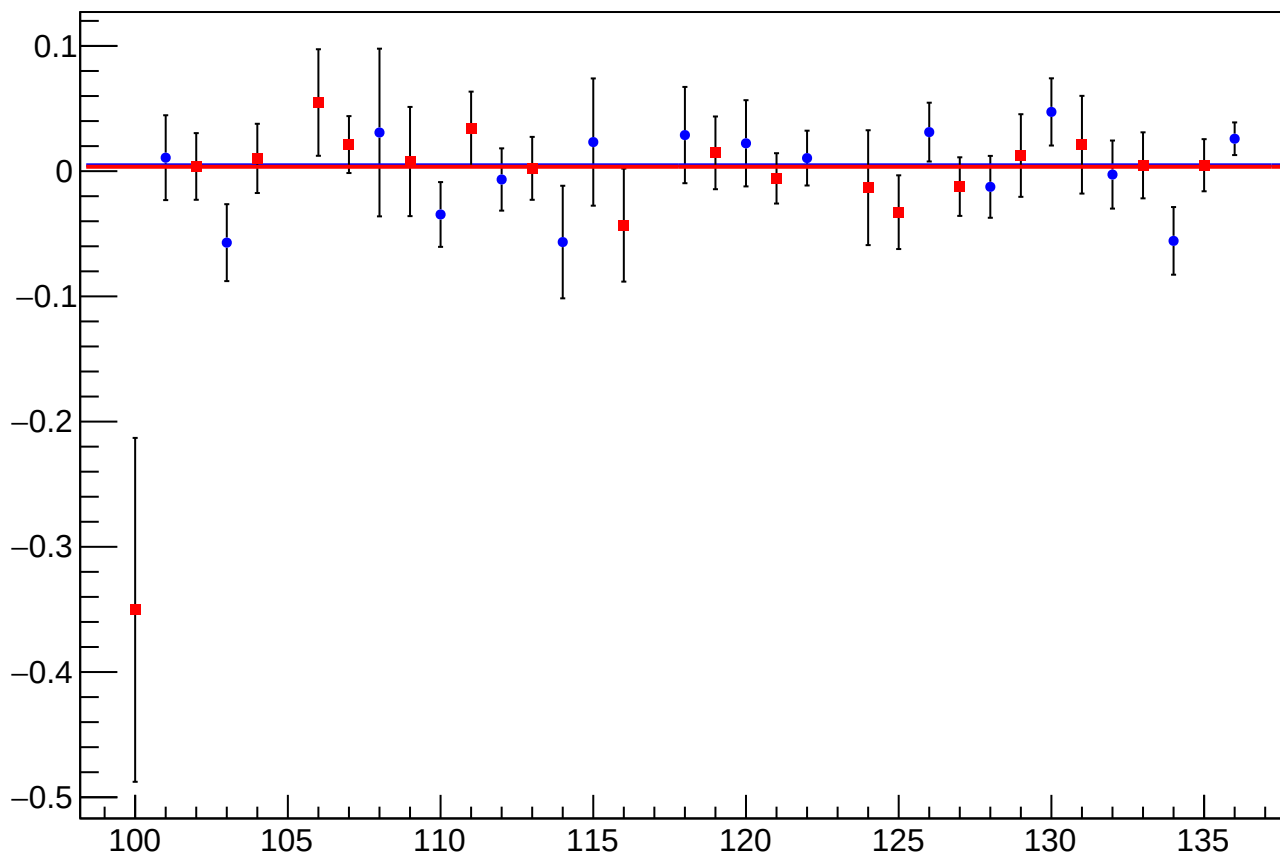
Right: 16.622+/-0.003 χ^2/NDF : 1763243.7/33

In: 16.216+/-0.005 χ^2/NDF : 943830.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.622+/-0.003 χ^2/NDF : 1763243.7/33

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: 13.6/17

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

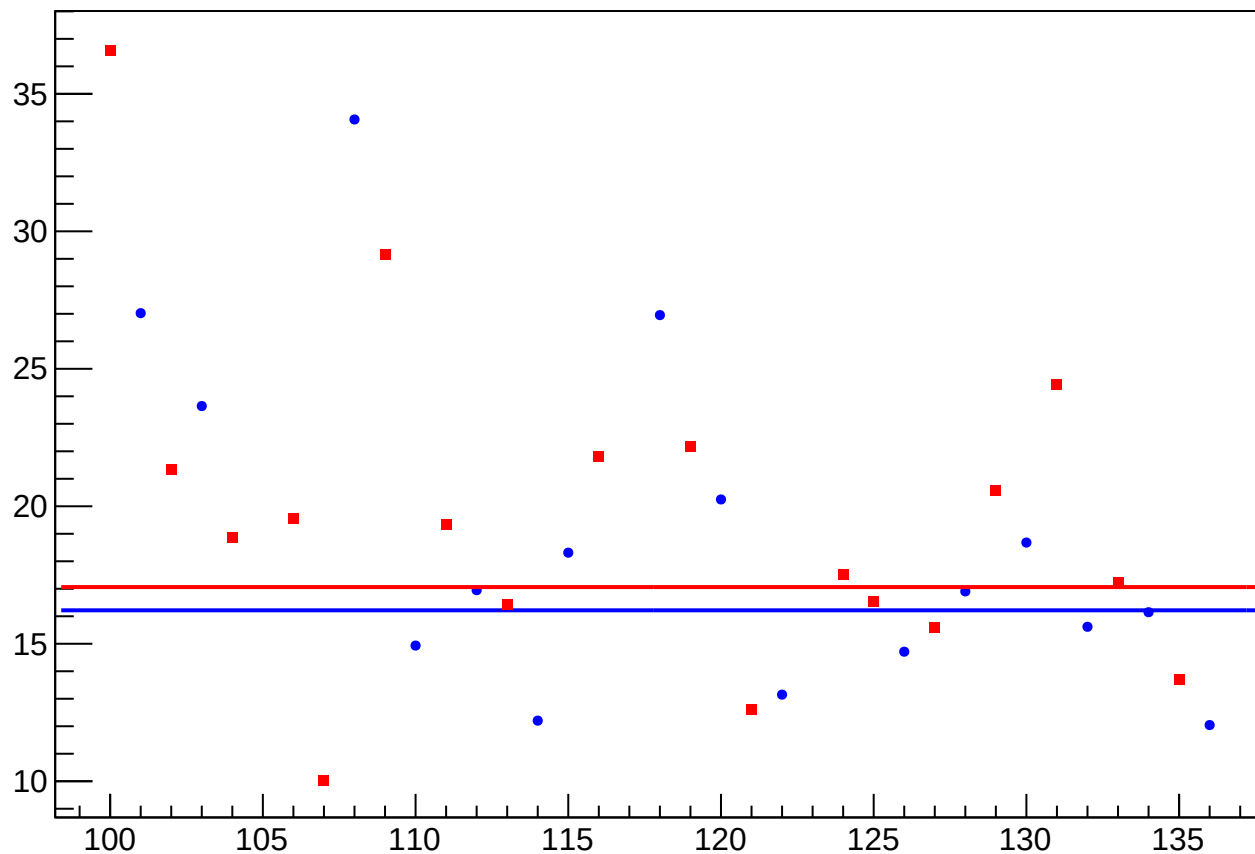
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 35.1/33

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: 35.1/33

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: 17.062+/-0.005 χ^2/NDF : 803497.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

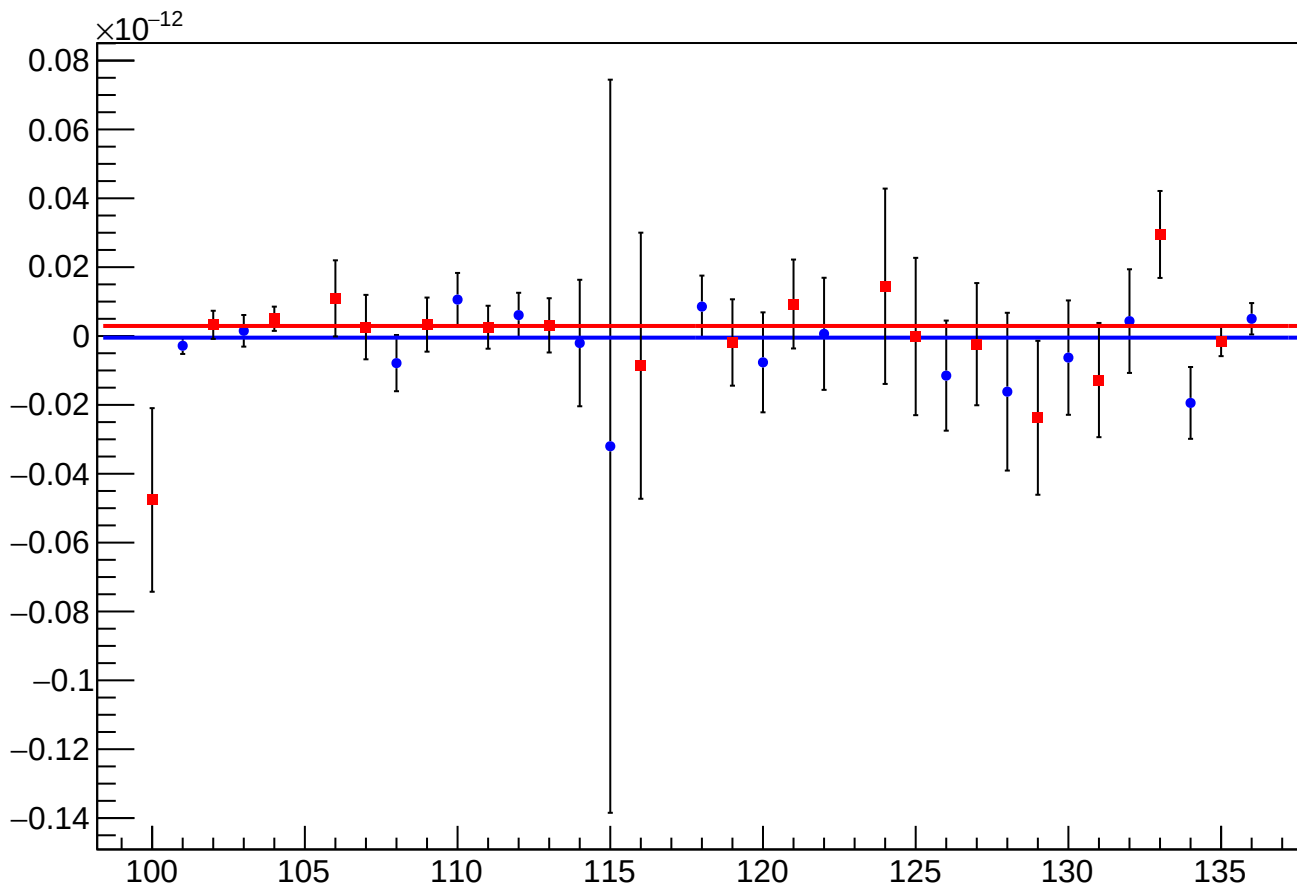
Right: 16.622+/-0.003 χ^2/NDF : 1763243.7/33

In: 16.216+/-0.005 χ^2/NDF :943830.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 16.622+/-0.003 χ^2/NDF : 1763243.7/33

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 : 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

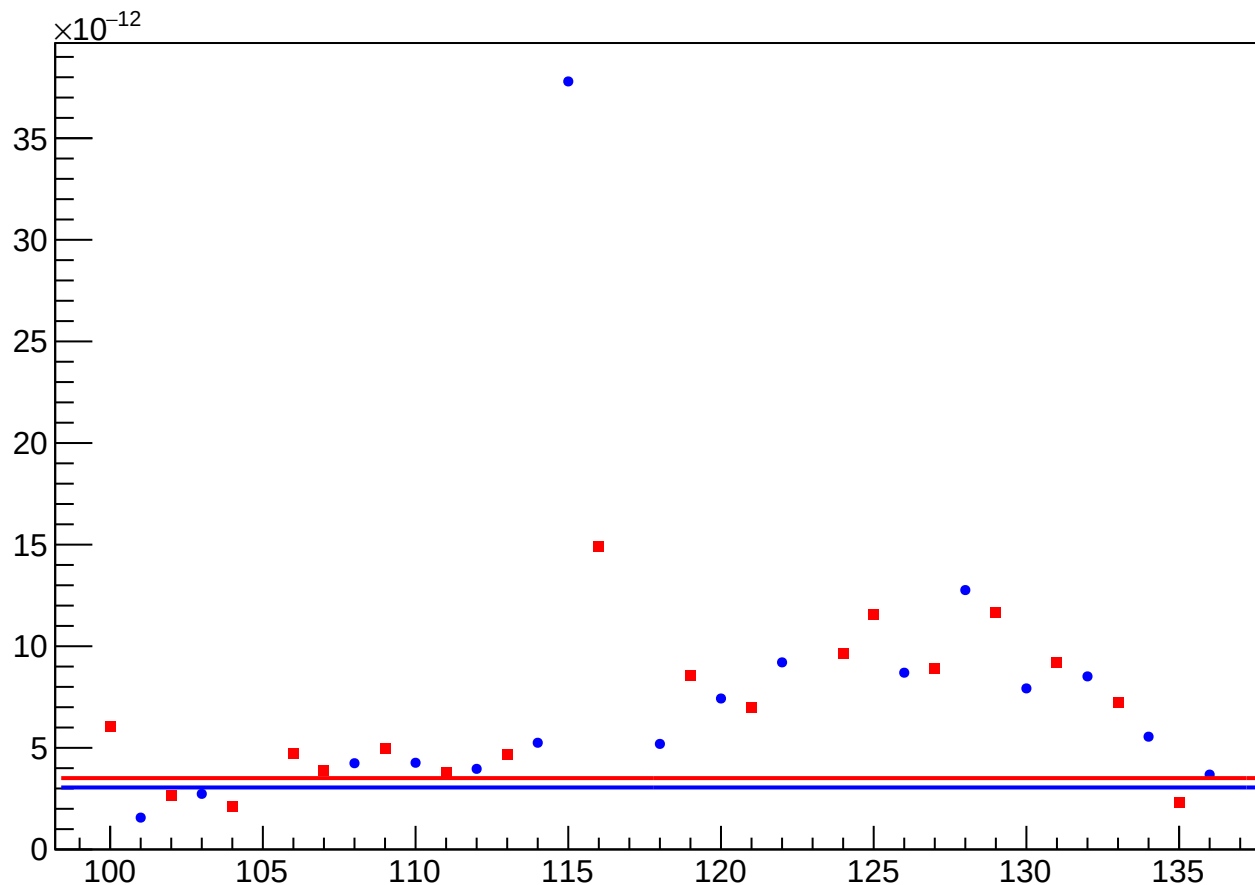
Right: 0.000+/-0.000 χ^2/NDF : 27.2/33

In: -0.000+/-0.000 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 27.2/33

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 : 2555845.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

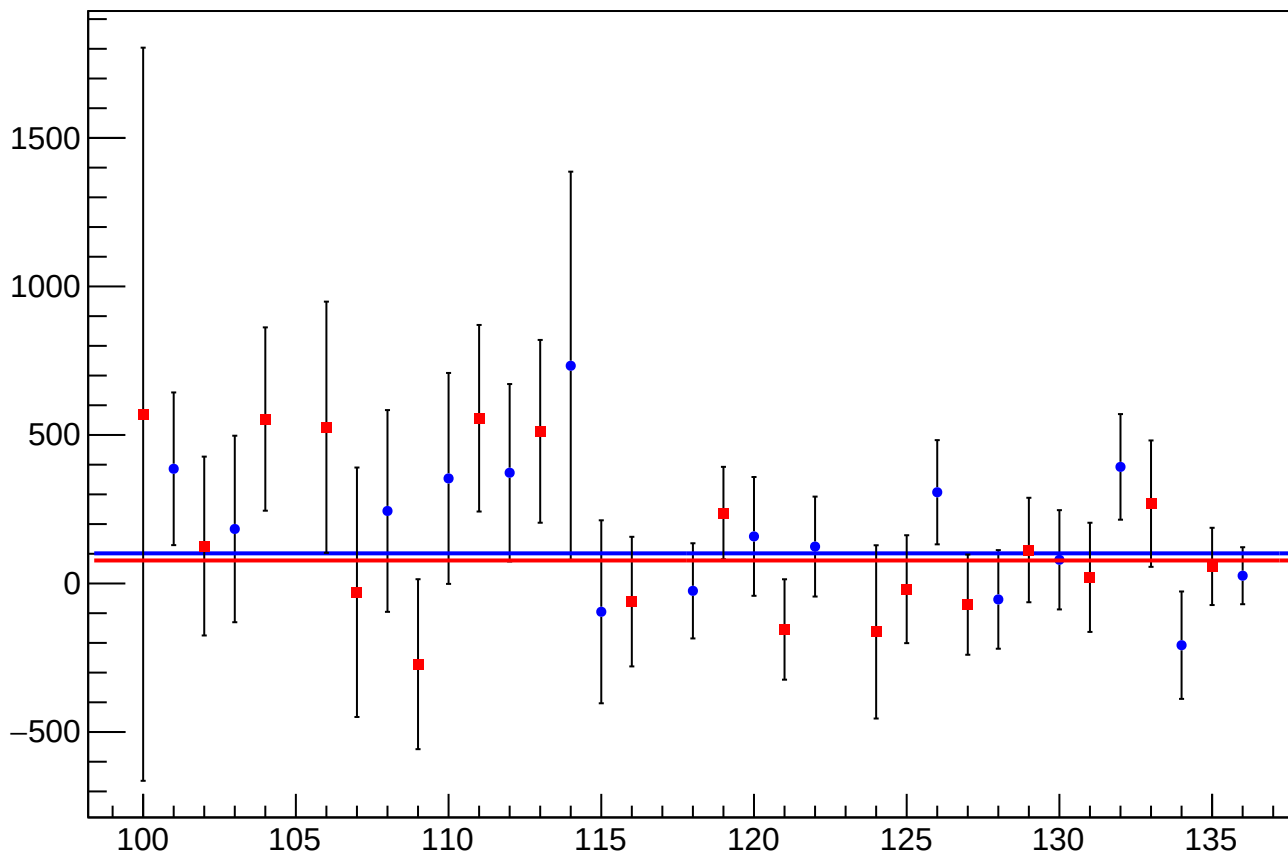
Right: 0.000+/-0.000 χ^2/NDF : 5564074.6/33

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 : 5564074.6/33

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: 77.498 $\pm$ 51.026 χ^2 /NDF: 15.6/17

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

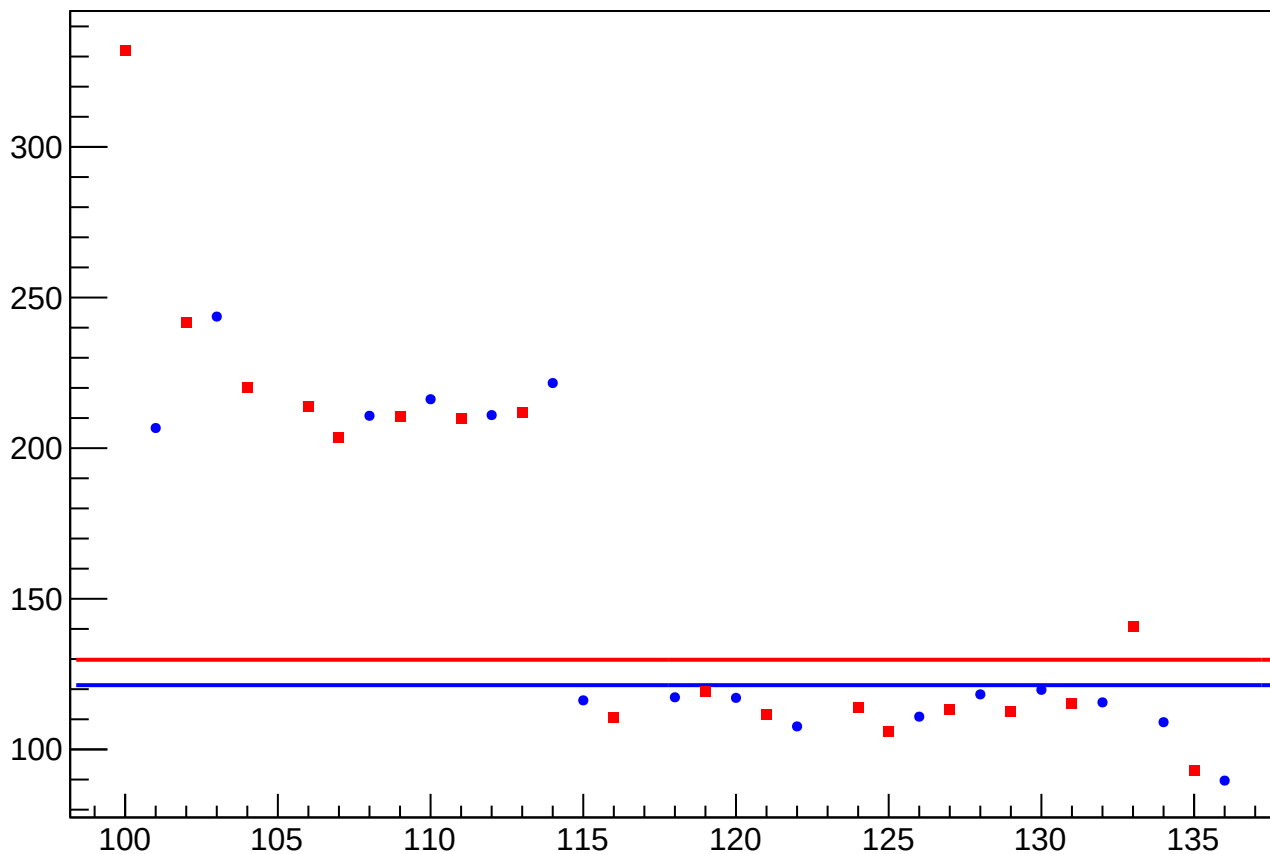
Right: 90.302 $\pm$ 34.818 χ^2 /NDF: 29.1/33

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: 90.302 $\pm$ 34.818 χ^2 /NDF: 29.1/33

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: 129.761+/-0.036 χ^2/NDF : 1378533.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

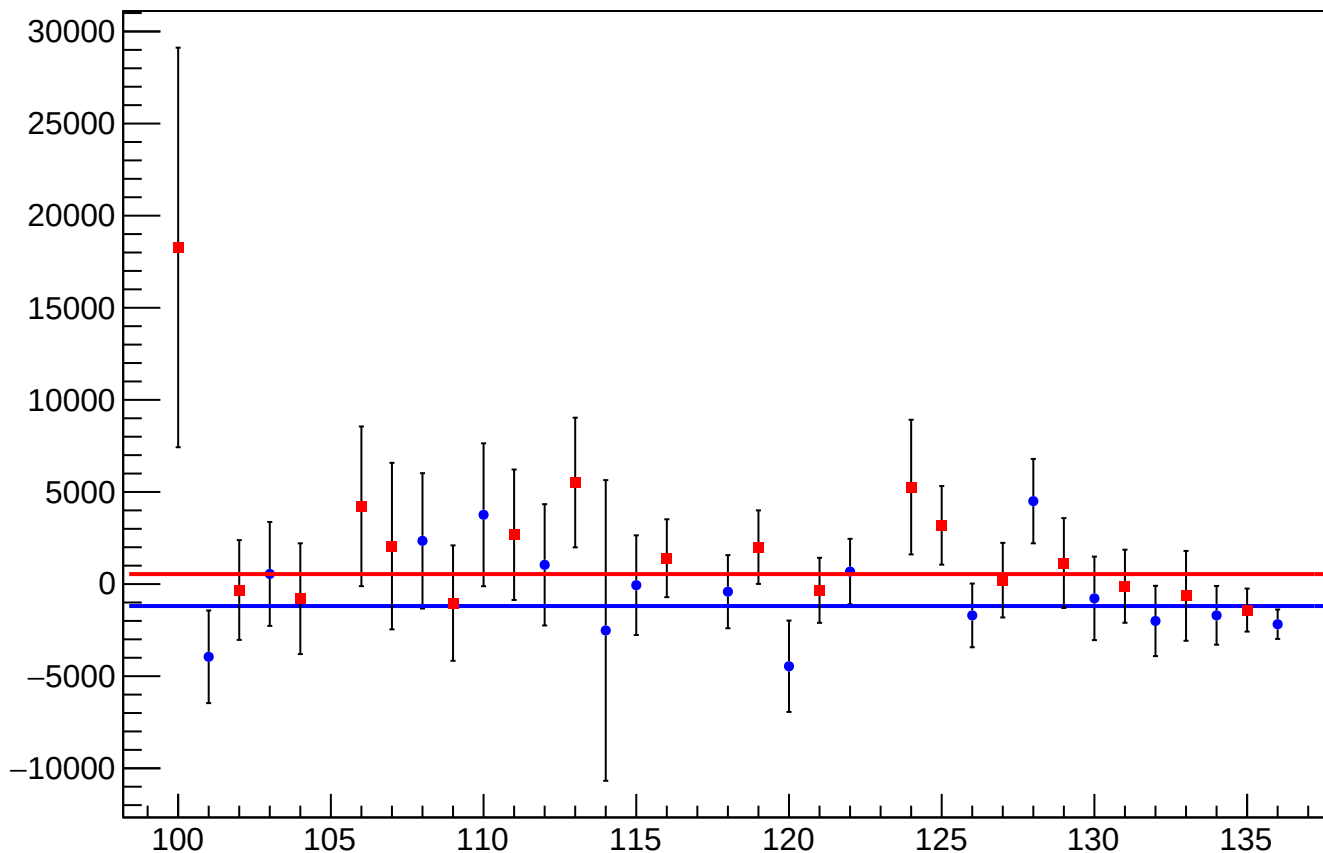
Right: 125.253+/-0.025 χ^2/NDF : 2694391.7/33

In: 121.325+/-0.034 χ^2/NDF : 1286651.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.253+/-0.025 χ^2/NDF : 2694391.7/33

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: 542.090+/-552.363 χ^2/NDF : 13.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

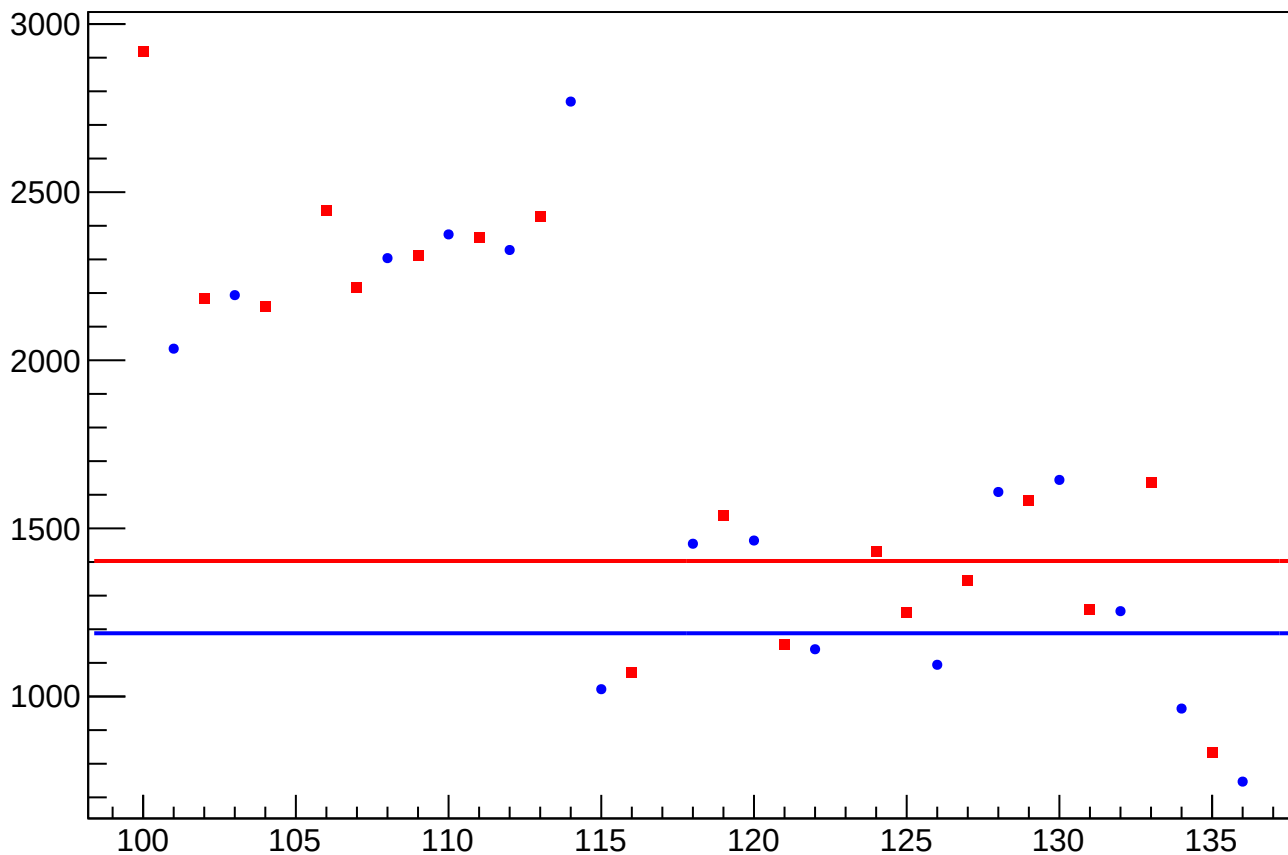
Right: -447.943+/-361.843 χ^2/NDF : 35.4/33

In: -1192.168+/-478.908 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -447.943+/-361.843 χ^2/NDF : 35.4/33

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: 1403.027+/-0.391 χ^2/NDF : 1622729.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

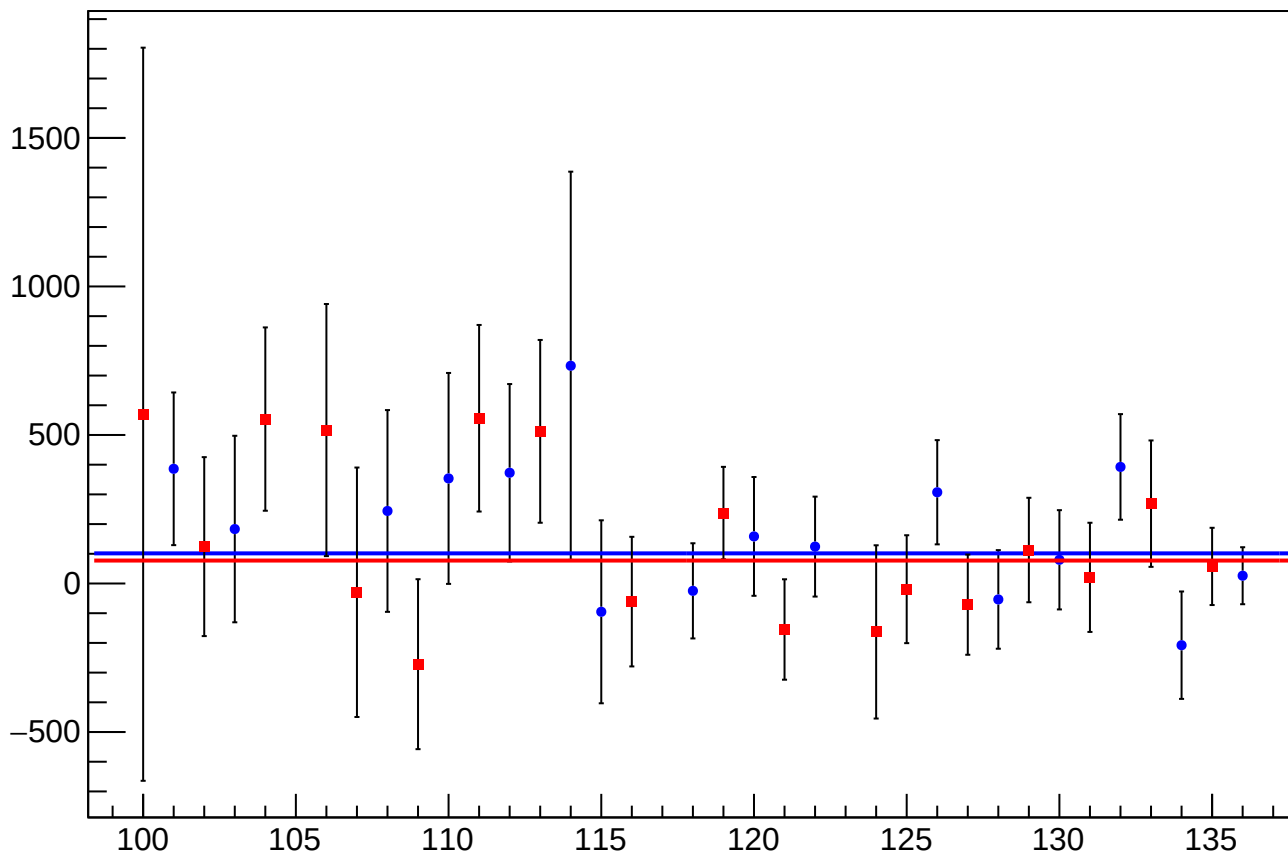
Right: 1280.315+/-0.256 χ^2/NDF : 3840276.3/33

In: 1188.069+/-0.339 χ^2/NDF :2044635.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1280.315+/-0.256 χ^2/NDF : 3840276.3/33

cor_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 101.446+/-47.631 χ^2/NDF : 13.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.257+/-51.029 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

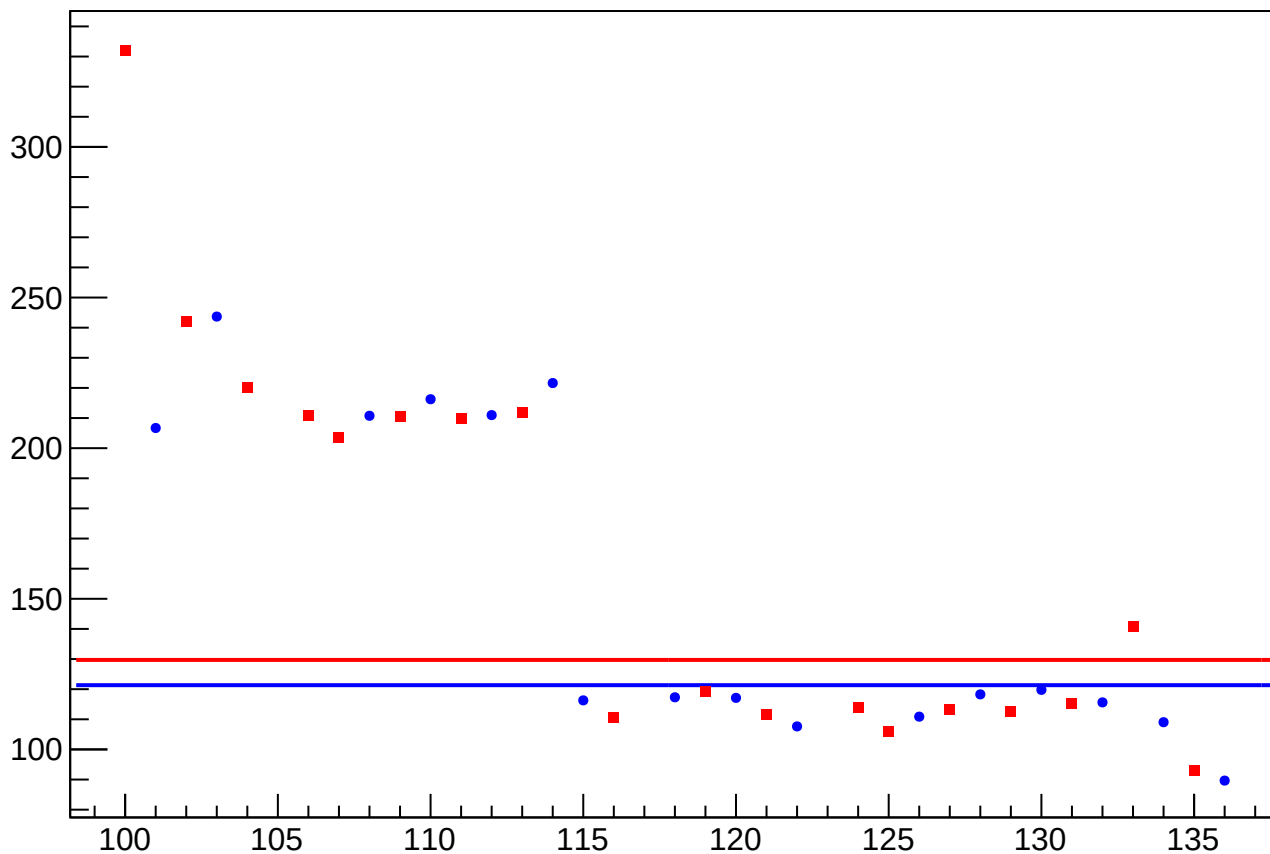
Right: 90.184+/-34.819 χ^2/NDF : 29.0/33

In: 101.446+/-47.631 χ^2/NDF : 13.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.184+/-34.819 χ^2/NDF : 29.0/33

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: 129.707+/-0.036 χ^2/NDF : 1372650.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

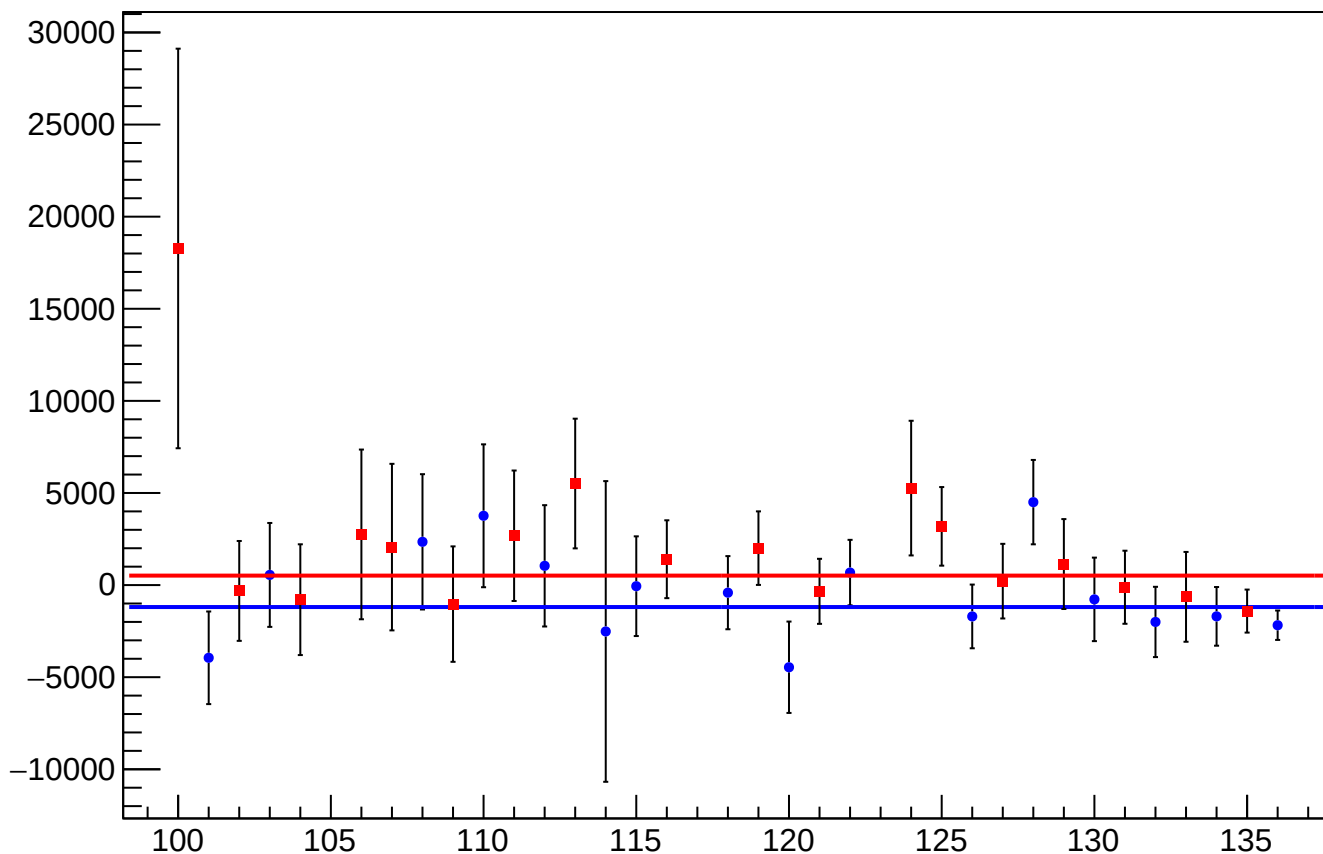
Right: 125.228+/-0.025 χ^2/NDF : 2688142.4/33

In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.228+/-0.025 χ^2/NDF : 2688142.4/33

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: 514.286+/-552.894 χ^2/NDF : 13.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

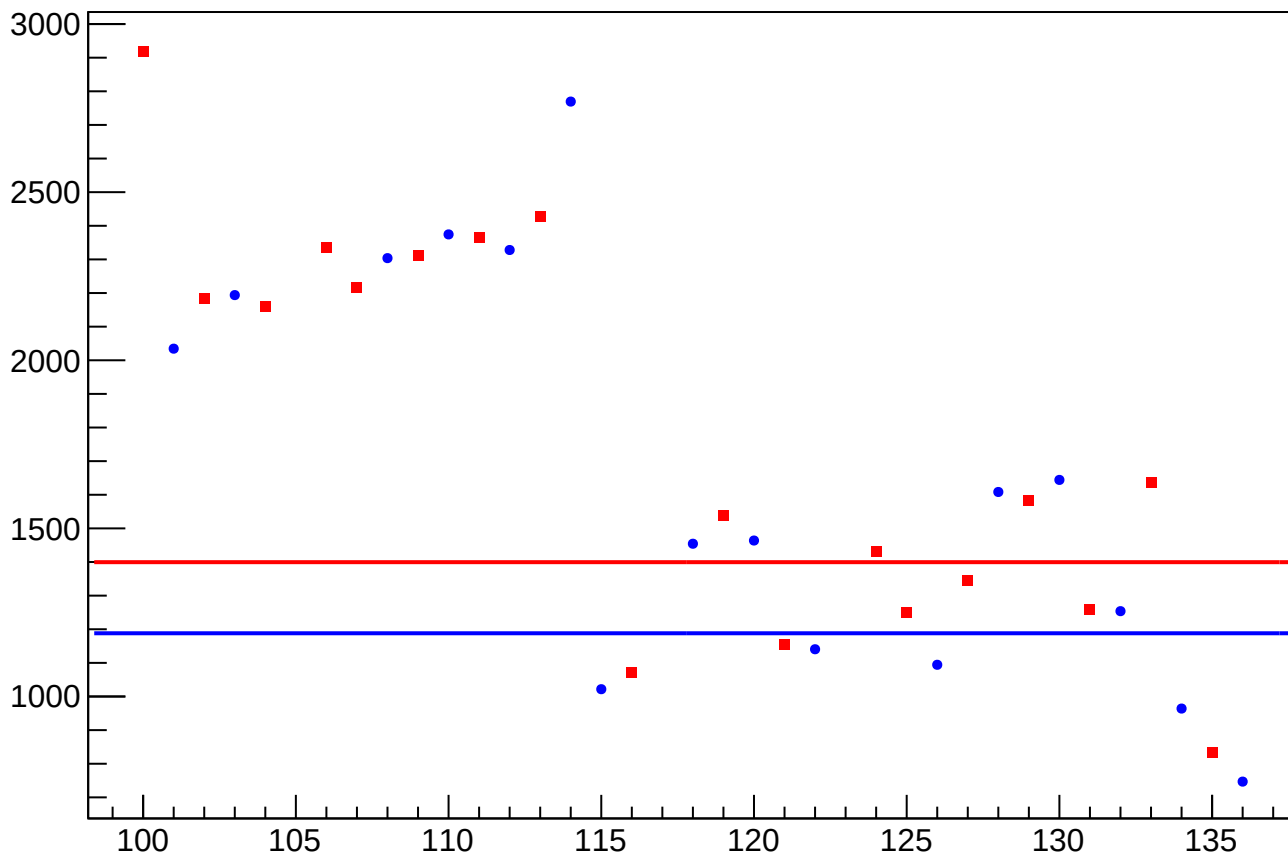
Right: -460.664+/-361.992 χ^2/NDF : 34.7/33

In: -1192.145+/-478.909 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.664+/-361.992 χ^2/NDF : 34.7/33

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: 1399.524+/-0.391 χ^2/NDF : 1589428.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

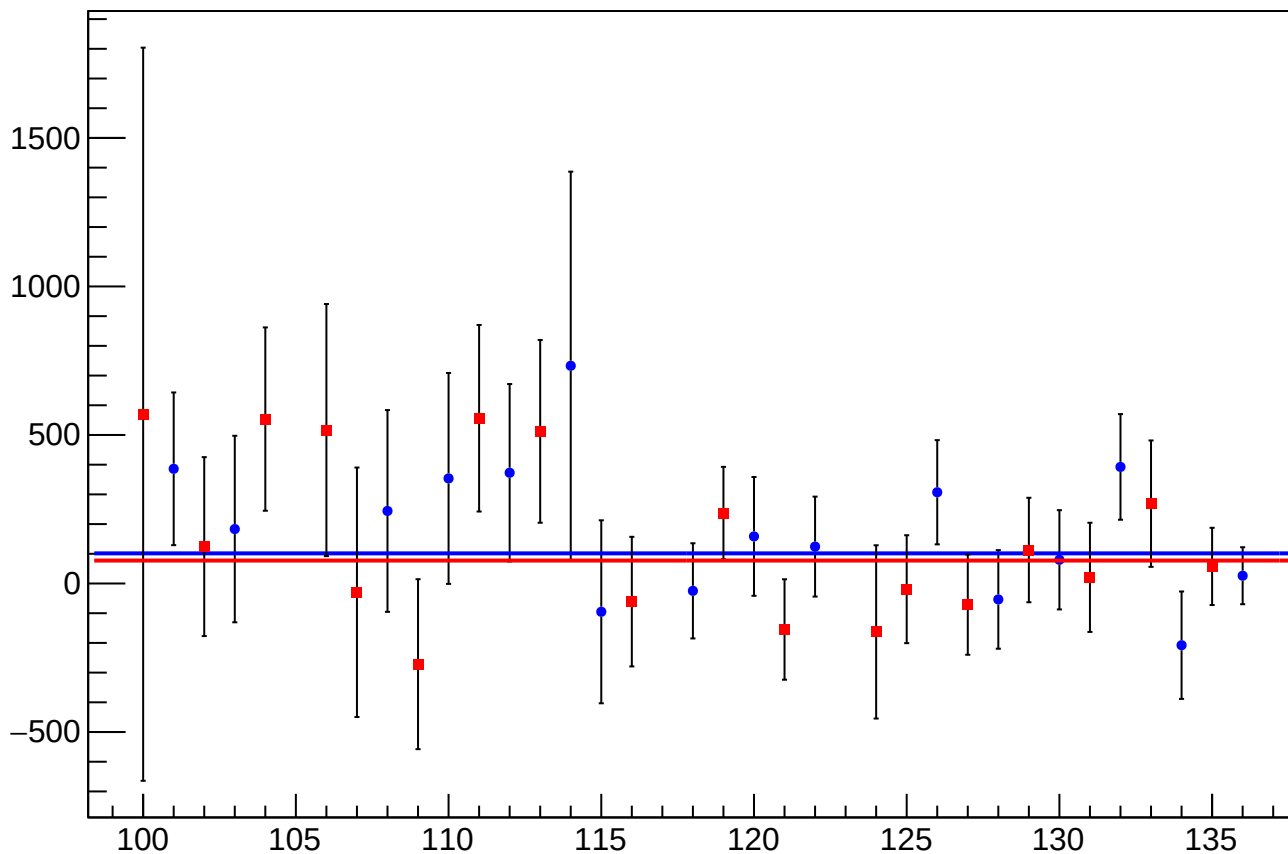
Right: 1278.712+/-0.256 χ^2/NDF : 3801232.8/33

In: 1188.069+/-0.339 χ^2/NDF :2044666.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1278.712+/-0.256 χ^2/NDF : 3801232.8/33

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: 77.257 $\pm$ 51.029 χ^2 /NDF: 15.6/17

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

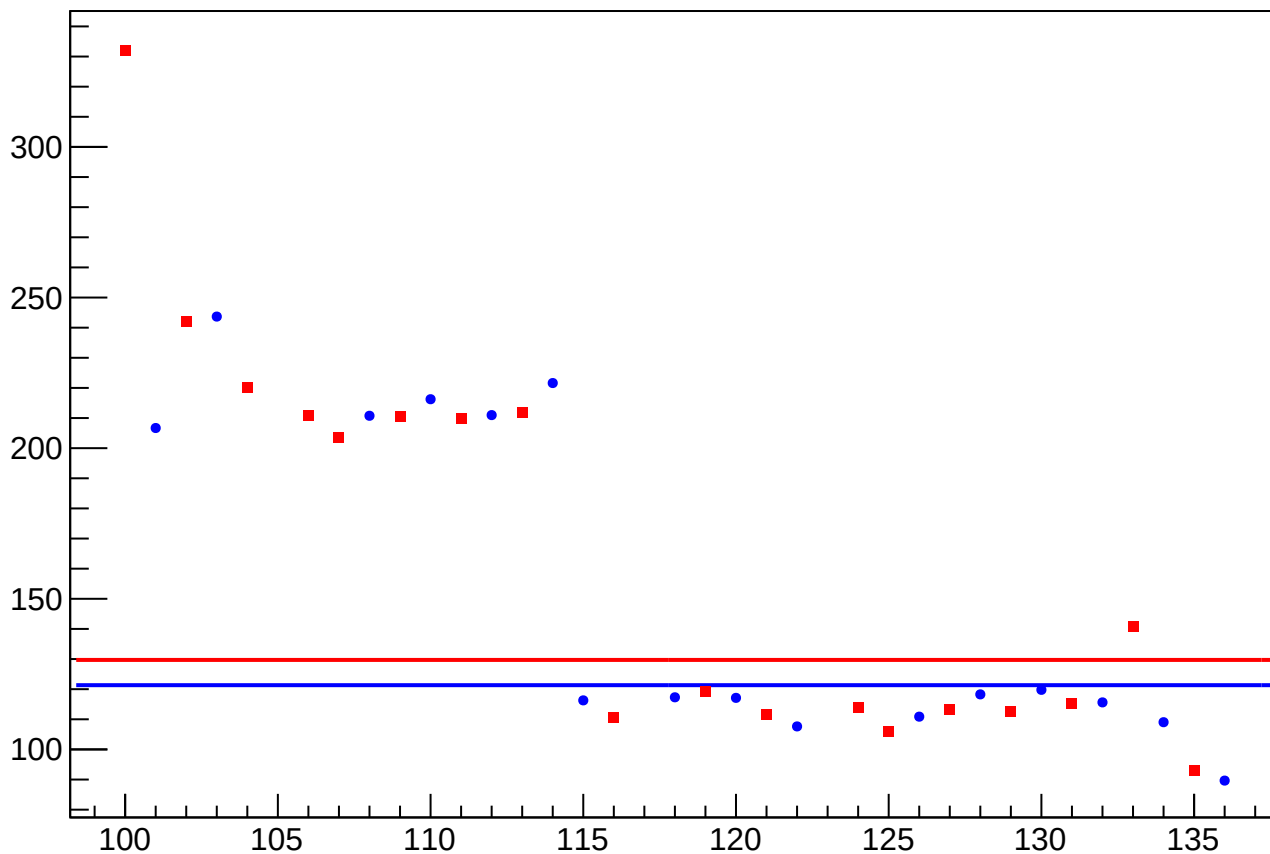
Right: 90.184 $\pm$ 34.819 χ^2 /NDF: 29.0/33

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: 90.184 $\pm$ 34.819 χ^2 /NDF: 29.0/33

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: 129.707+/-0.036 χ^2/NDF : 1372650.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

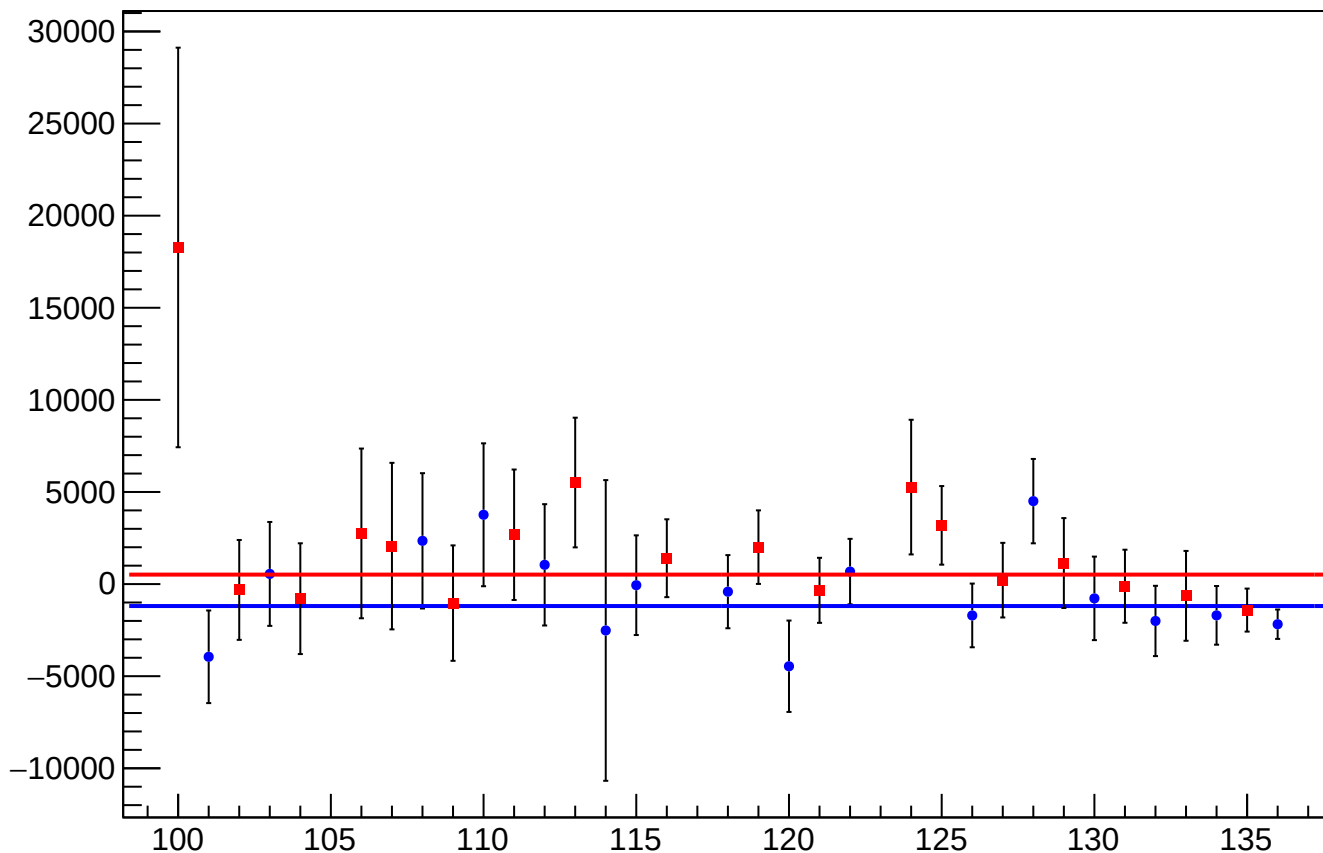
Right: 125.228+/-0.025 χ^2/NDF : 2688142.4/33

In: 121.325+/-0.034 χ^2/NDF : 1286654.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.228+/-0.025 χ^2/NDF : 2688142.4/33

asym_sam_26_avg_eigen_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: 514.286+/-552.894 χ^2/NDF : 13.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

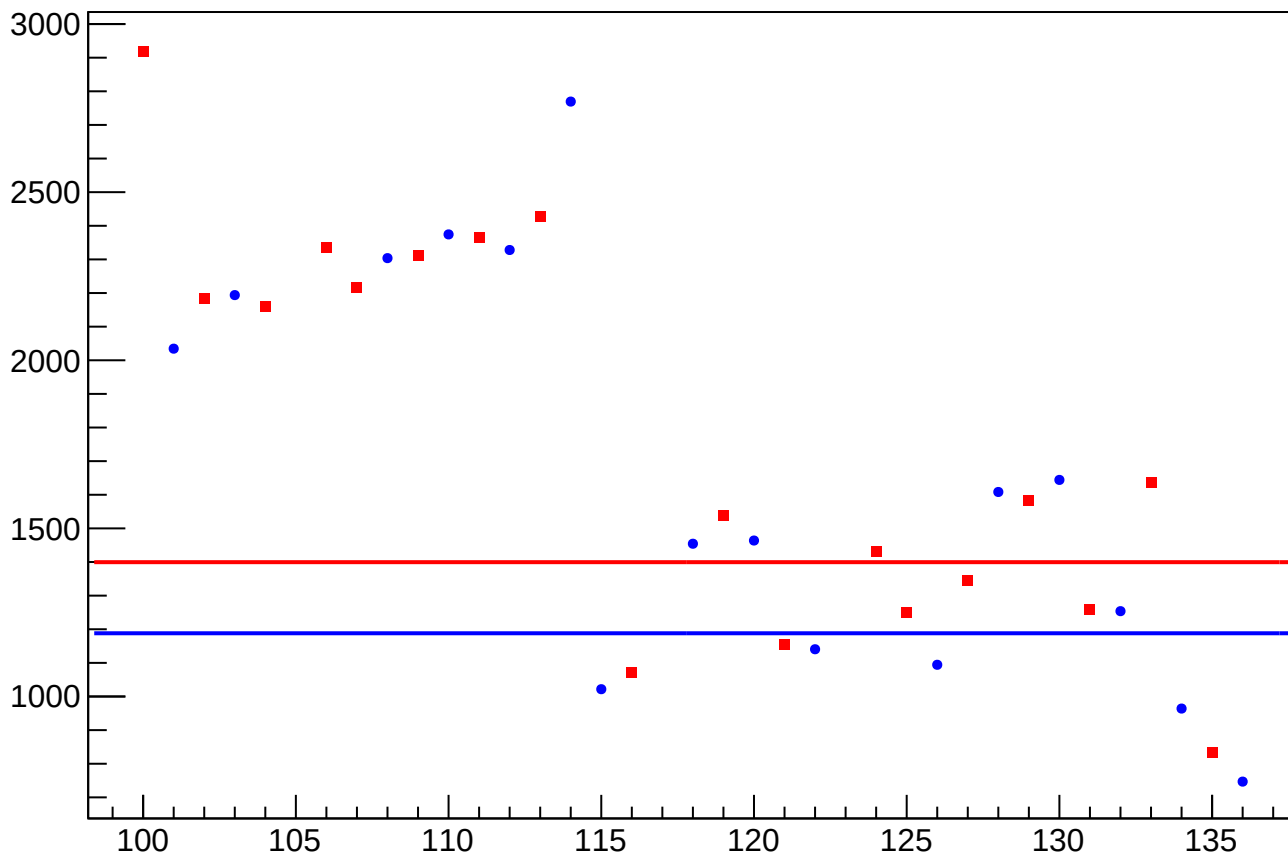
Right: -460.664+/-361.992 χ^2/NDF : 34.7/33

In: -1192.145+/-478.909 χ^2/NDF : 15.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -460.664+/-361.992 χ^2/NDF : 34.7/33

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: 1399.524+/-0.391 χ^2/NDF : 1589428.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

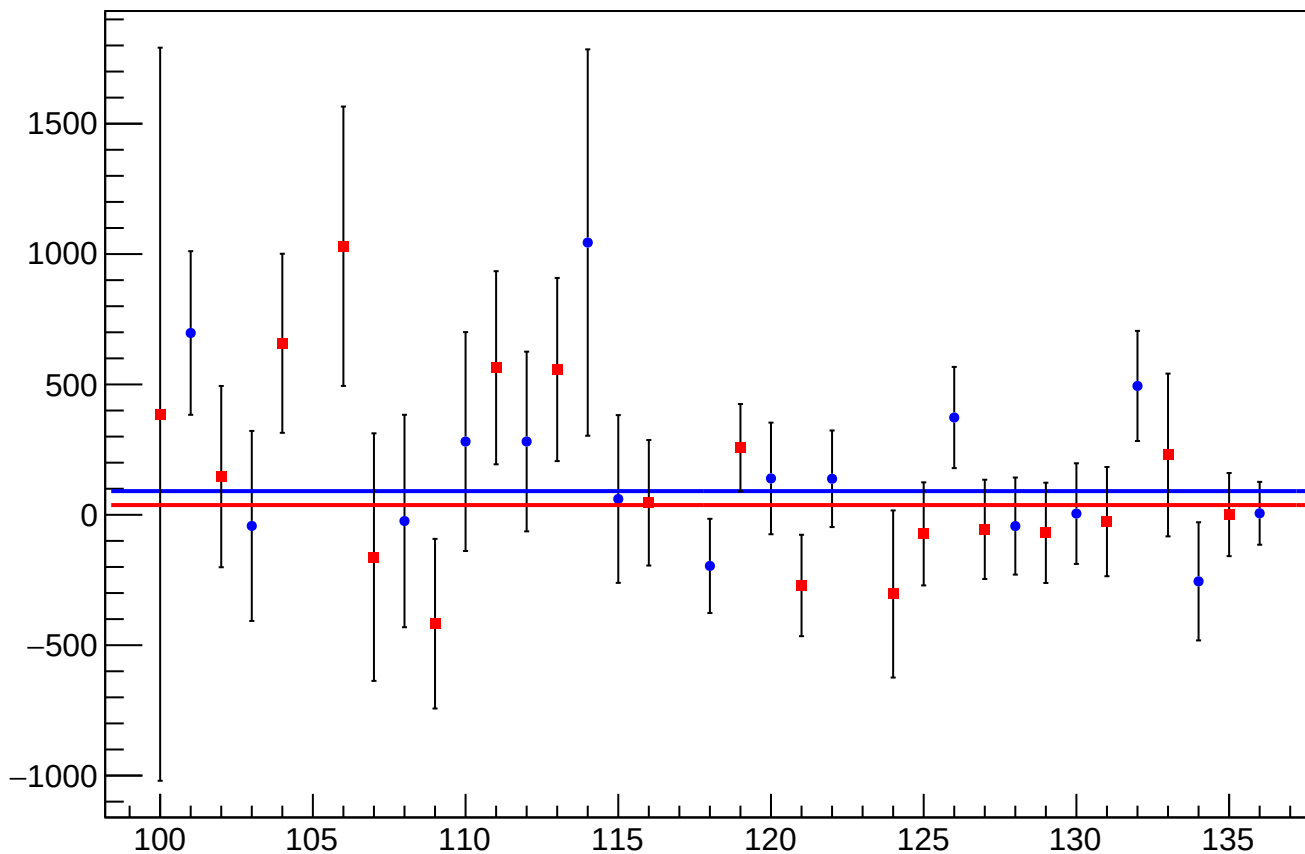
Right: 1278.712+/-0.256 χ^2/NDF : 3801232.8/33

In: 1188.069+/-0.339 χ^2/NDF :2044666.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1278.712+/-0.256 χ^2/NDF : 3801232.8/33

dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 90.908 $\pm$ 55.565 χ^2 /NDF: 18.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 37.386 $\pm$ 58.543 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

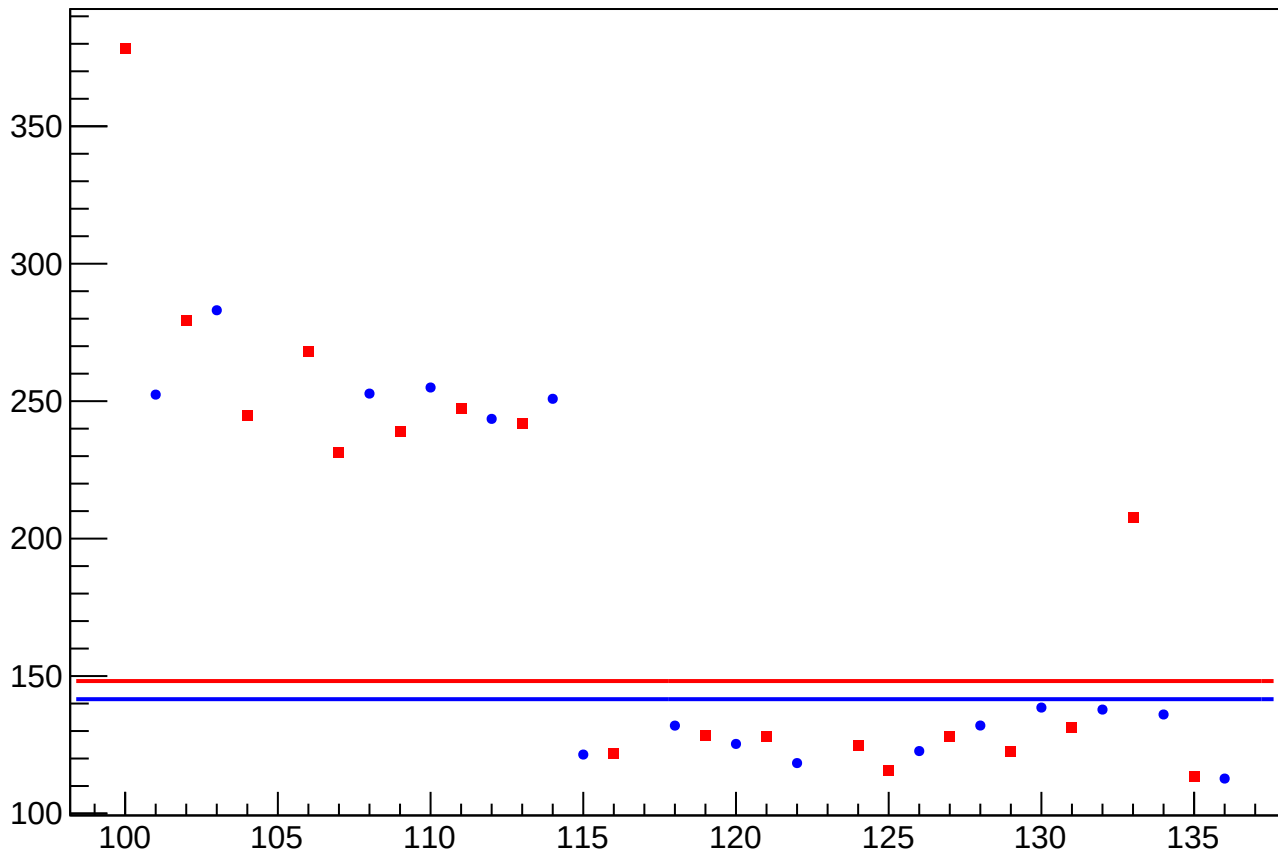
Right: 65.543 $\pm$ 40.302 χ^2 /NDF: 38.5/33

In: 90.908 $\pm$ 55.565 χ^2 /NDF:18.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 65.543 $\pm$ 40.302 χ^2 /NDF: 38.5/33

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: 148.181+/-0.041 χ^2/NDF : 1476435.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

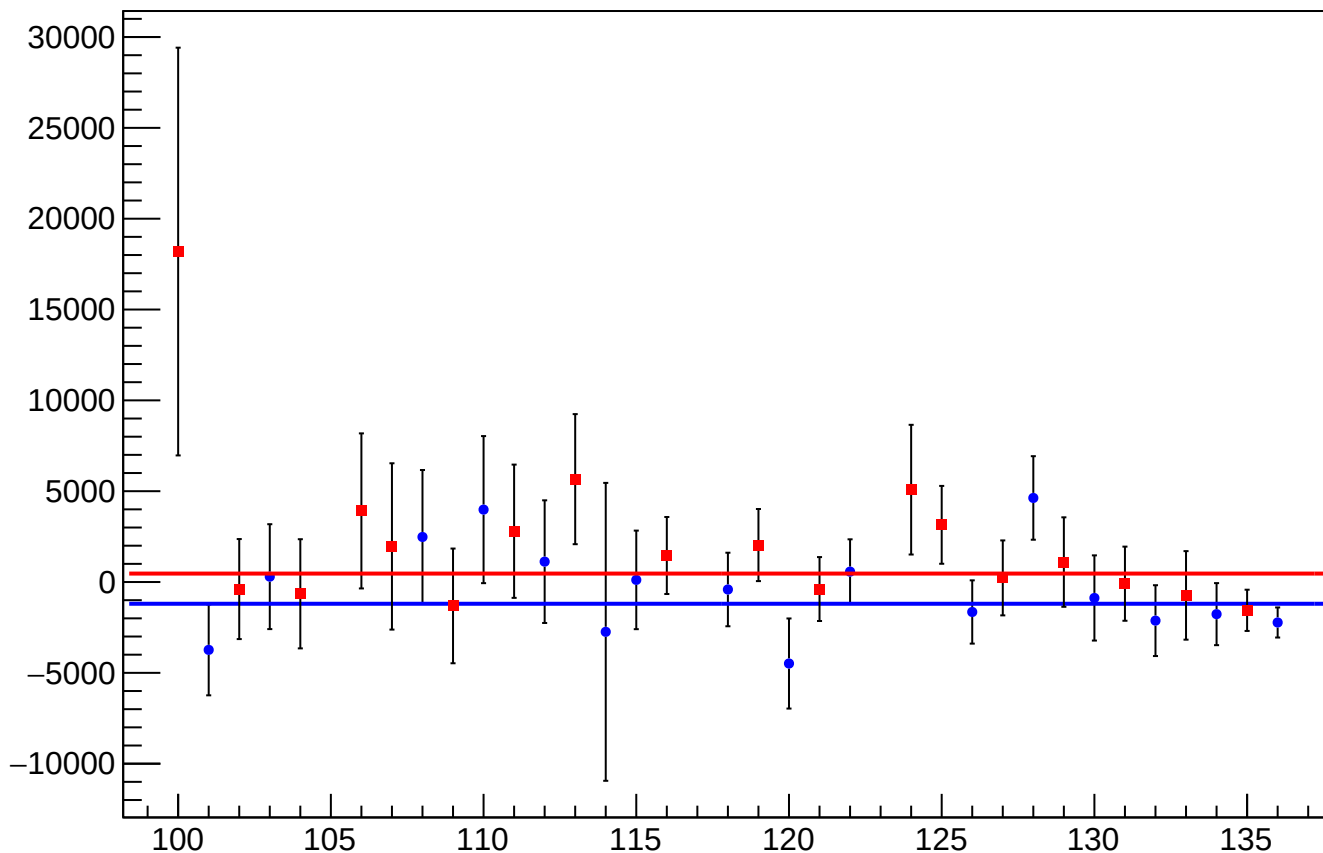
Right: 144.712+/-0.028 χ^2/NDF : 2752154.2/33

In: 141.586+/-0.039 χ^2/NDF : 1262366.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.712+/-0.028 χ^2/NDF : 2752154.2/33

asym_sam_26_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -1196.663+/-491.384 χ^2/NDF : 16.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 465.043+/-551.635 χ^2/NDF : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

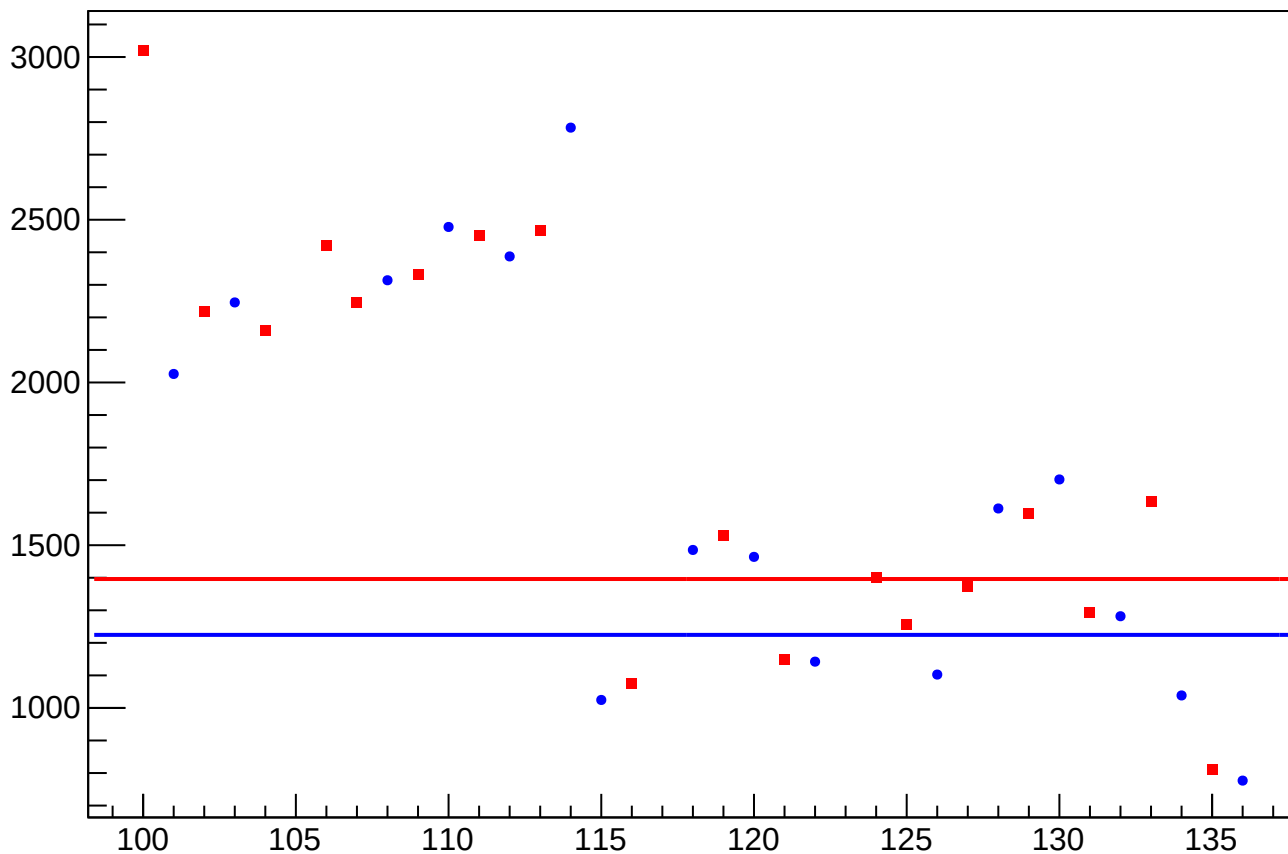
Right: -461.482+/-366.921 χ^2/NDF : 35.2/33

In: -1196.663+/-491.384 χ^2/NDF : 16.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -461.482+/-366.921 χ^2/NDF : 35.2/33

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: 1396.138+/-0.390 χ^2/NDF : 1726333.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

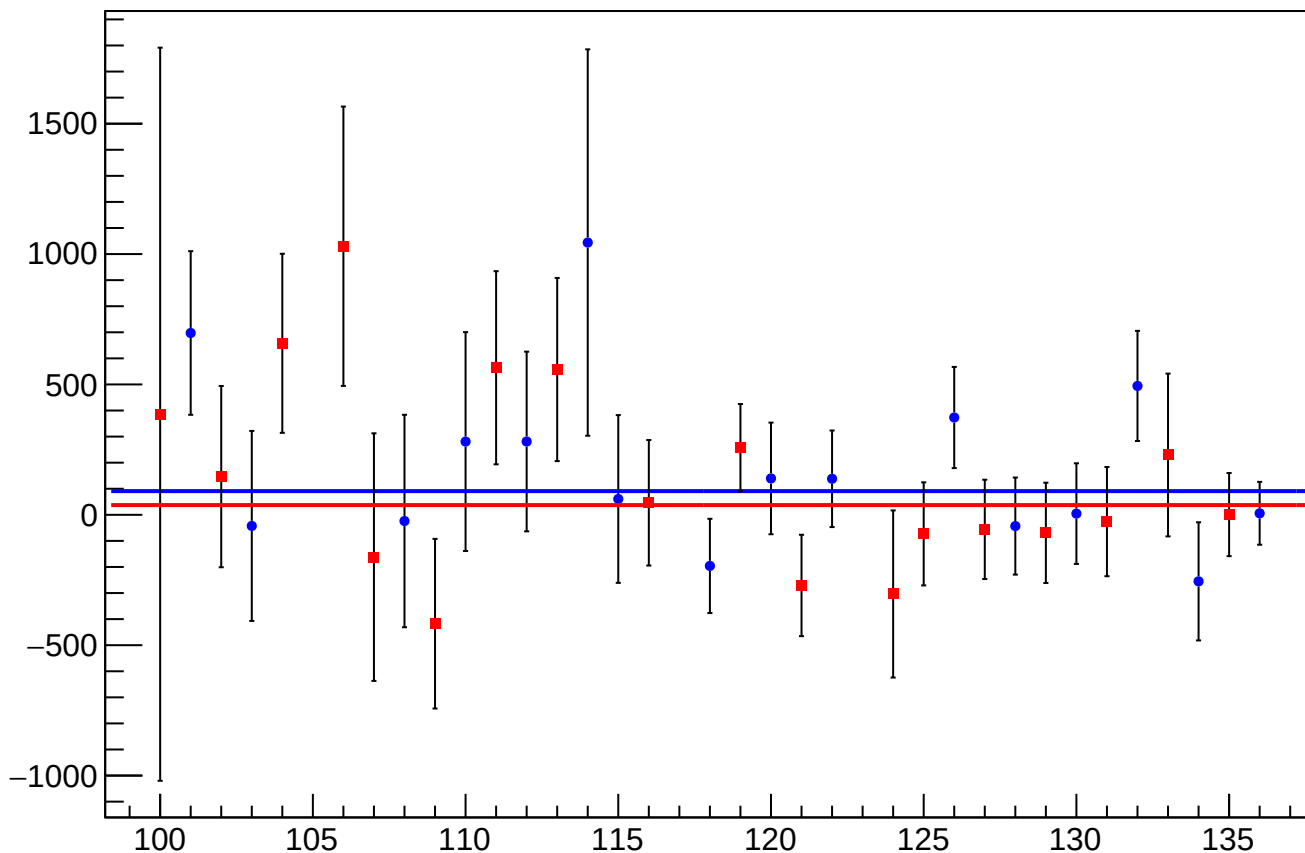
Right: 1300.421+/-0.259 χ^2/NDF : 3793692.2/33

In: 1224.470+/-0.347 χ^2/NDF : 1959362.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.421+/-0.259 χ^2/NDF : 3793692.2/33

eigen_dit_asym_sam_26_avg_mean vs Slug, Sign Corrected



Right In: 90.910+/-55.564 χ^2/NDF : 18.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.386+/-58.543 χ^2/NDF : 20.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

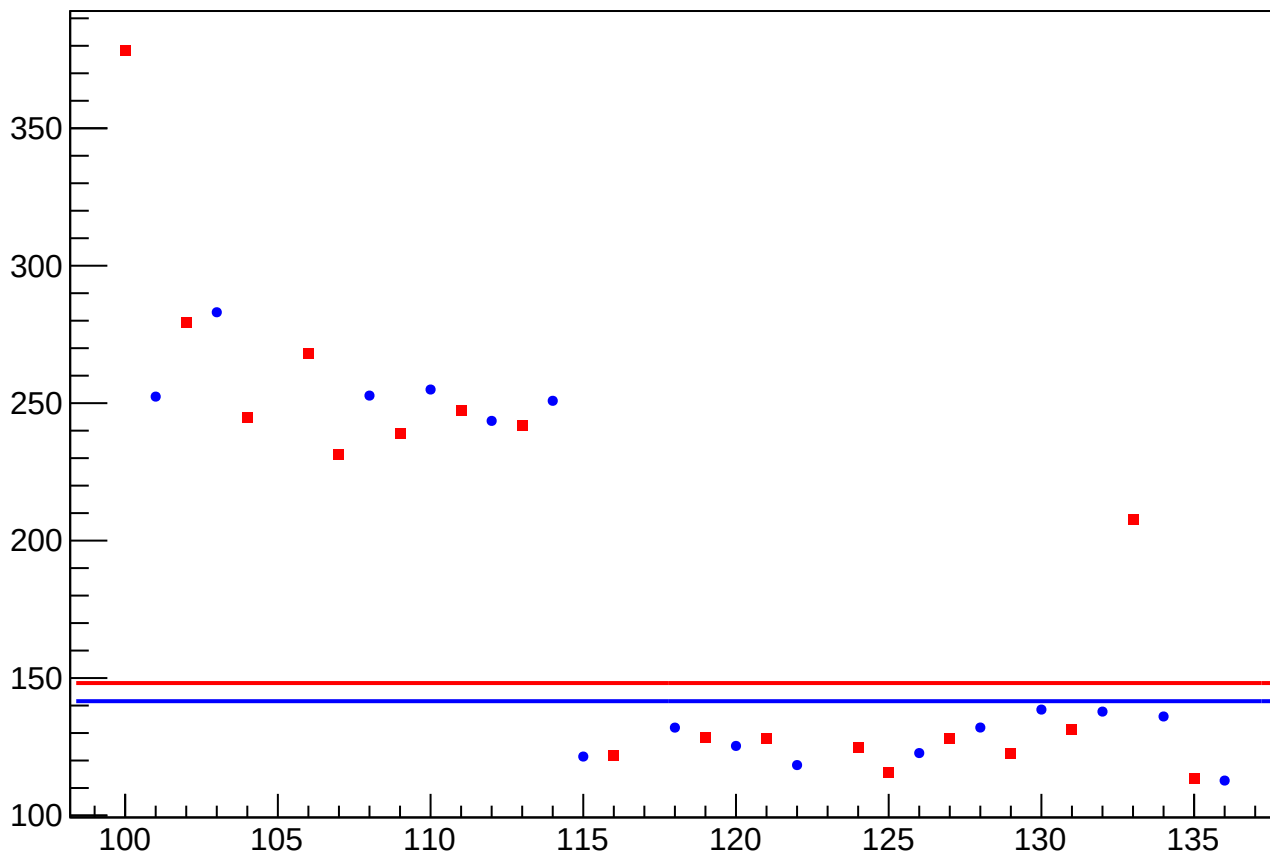
Right: 65.545+/-40.302 χ^2/NDF : 38.5/33

In: 90.910+/-55.564 χ^2/NDF : 18.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.545+/-40.302 χ^2/NDF : 38.5/33

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: 148.181+/-0.041 χ^2/NDF : 1476421.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

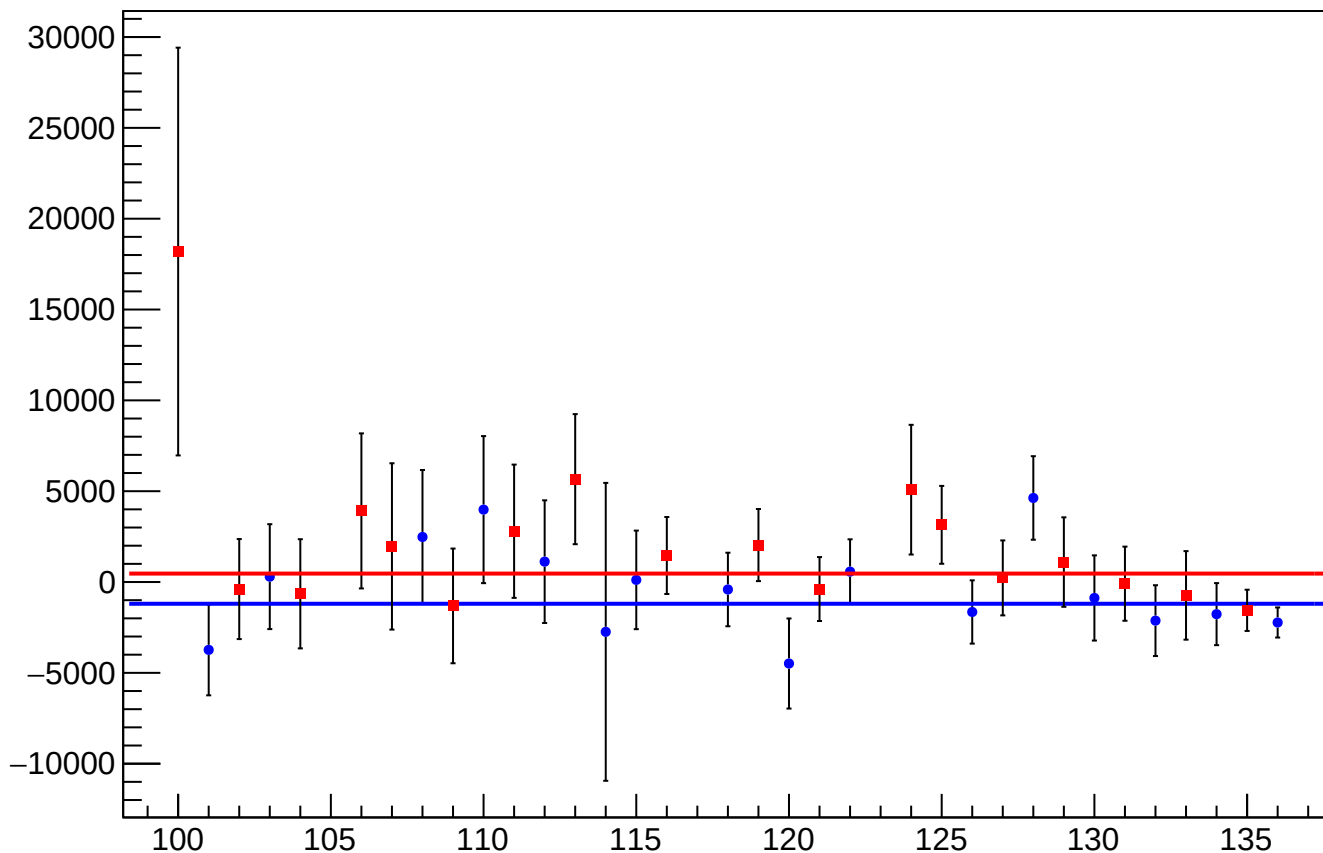
Right: 144.711+/-0.028 χ^2/NDF : 2752125.3/33

In: 141.586+/-0.039 χ^2/NDF : 1262350.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.711+/-0.028 χ^2/NDF : 2752125.3/33

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: 465.044 $\pm$ 551.635 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

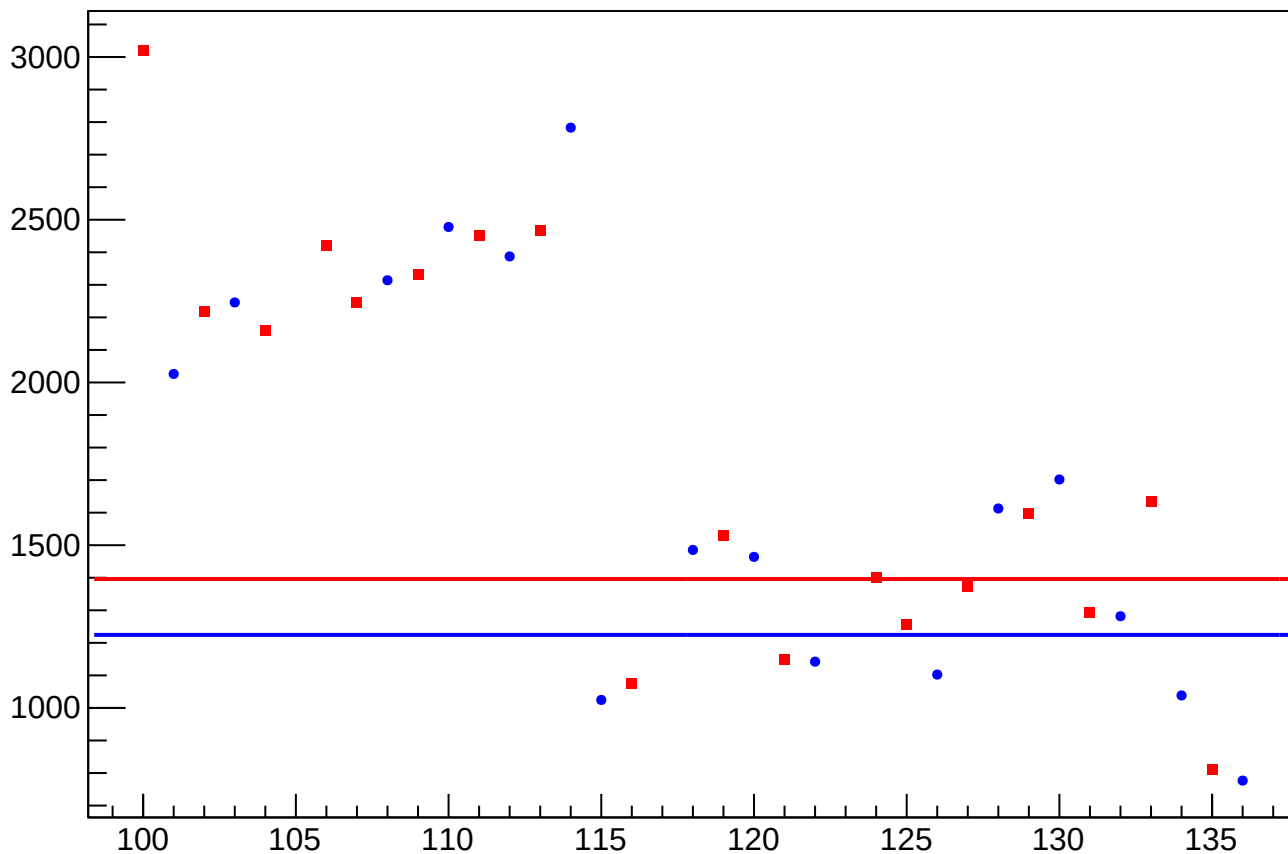
Right: -461.479 $\pm$ 366.920 χ^2 /NDF: 35.2/33

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: -461.479 $\pm$ 366.920 χ^2 /NDF: 35.2/33

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: 1396.137+/-0.390 χ^2/NDF : 1726318.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

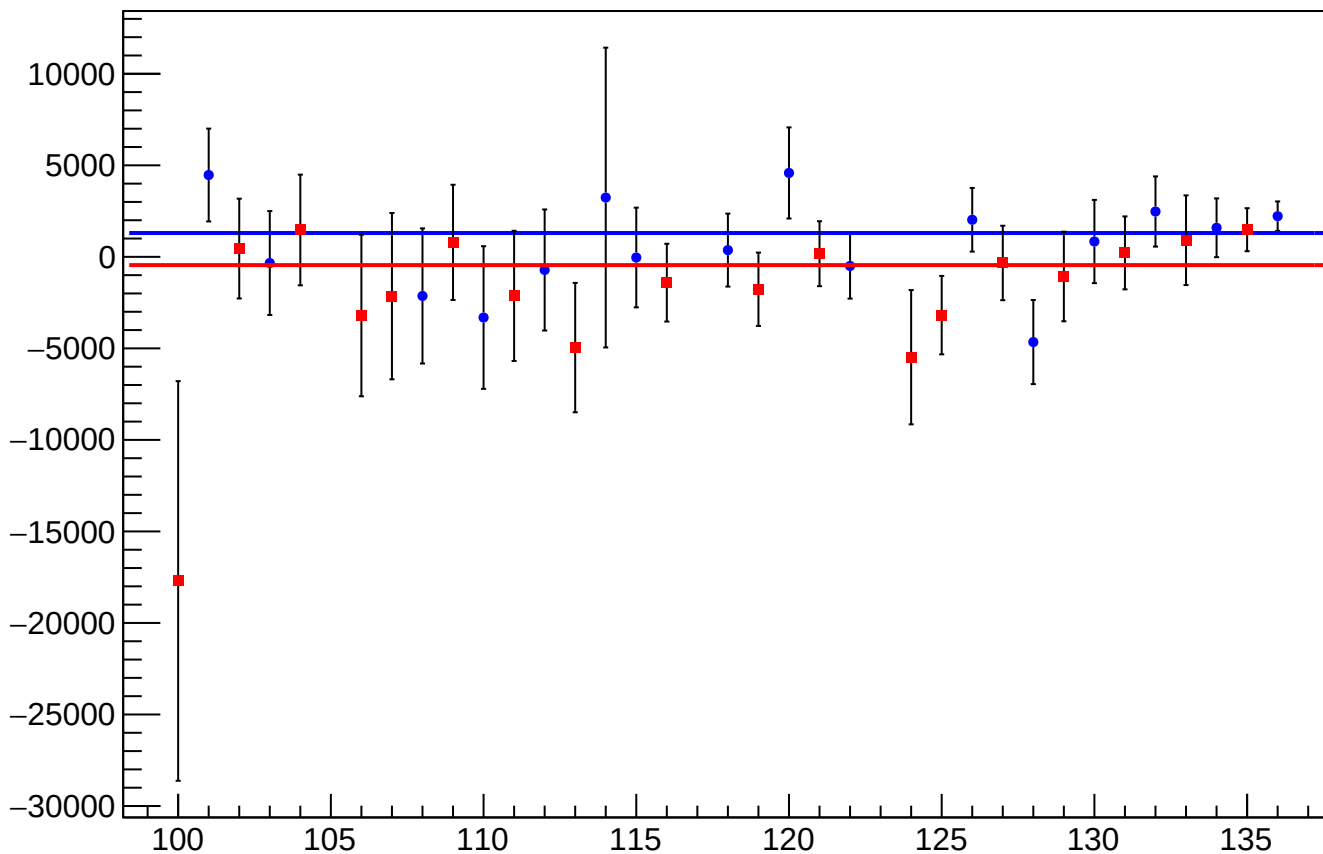
Right: 1300.420+/-0.259 χ^2/NDF : 3793654.7/33

In: 1224.470+/-0.347 χ^2/NDF : 1959341.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1300.420+/-0.259 χ^2/NDF : 3793654.7/33

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: -450.829+/-555.145 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

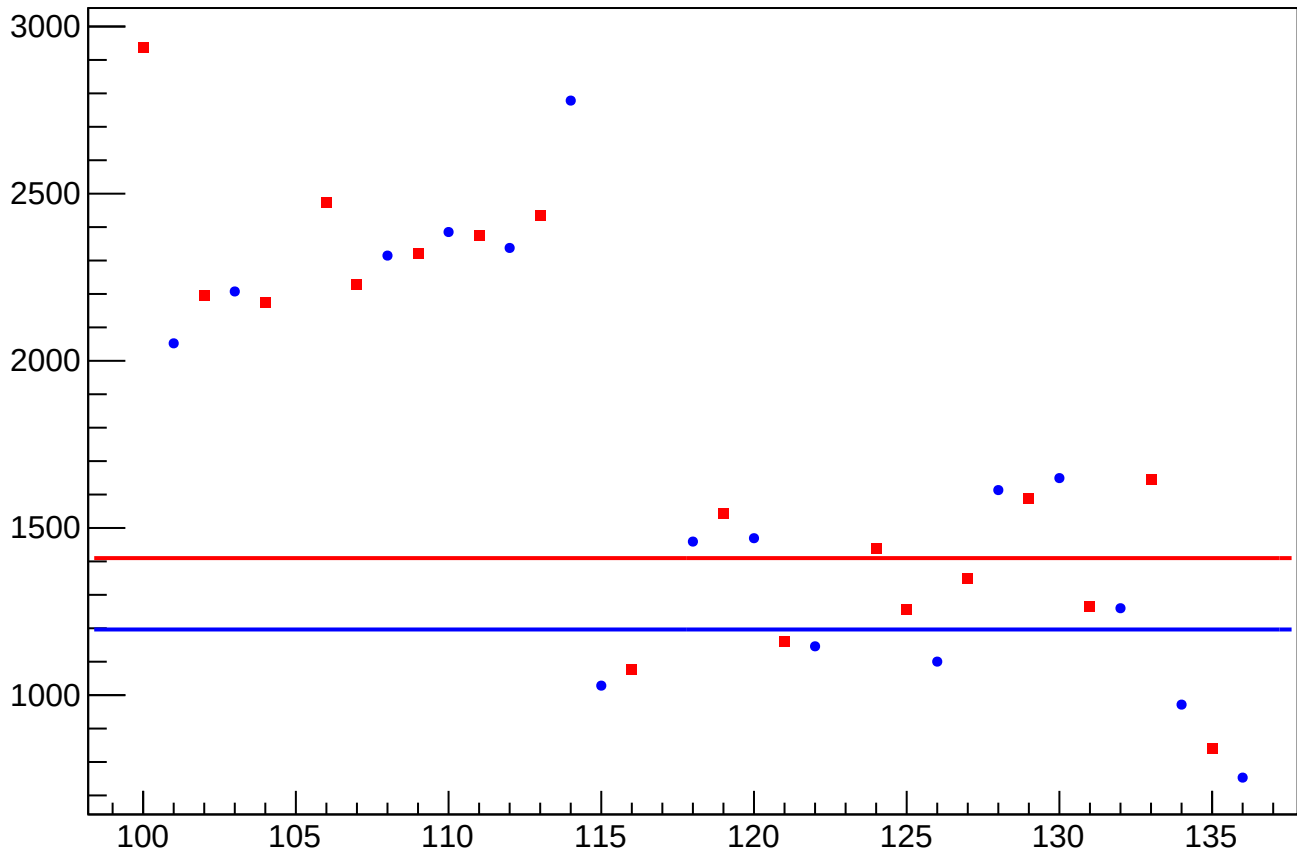
Right: 548.452+/-363.941 χ^2/NDF : 35.2/33

In: 1301.623+/-481.959 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.452+/-363.941 χ^2/NDF : 35.2/33

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: 1409.878+/-0.393 χ^2/NDF : 1619677.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

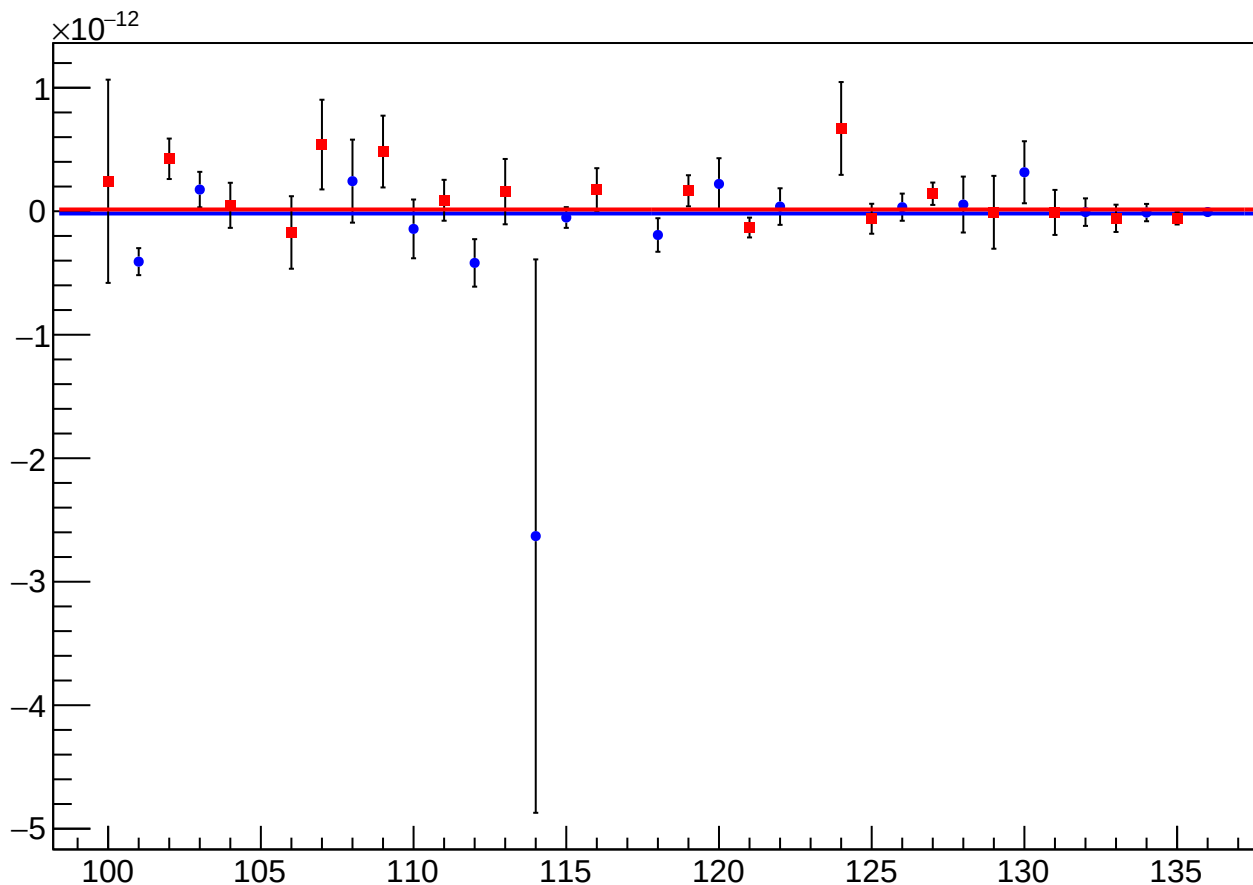
Right: 1288.122+/-0.257 χ^2/NDF : 3820104.0/33

In: 1196.353+/-0.341 χ^2/NDF :2031710.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1288.122+/-0.257 χ^2/NDF : 3820104.0/33

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 : 25.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

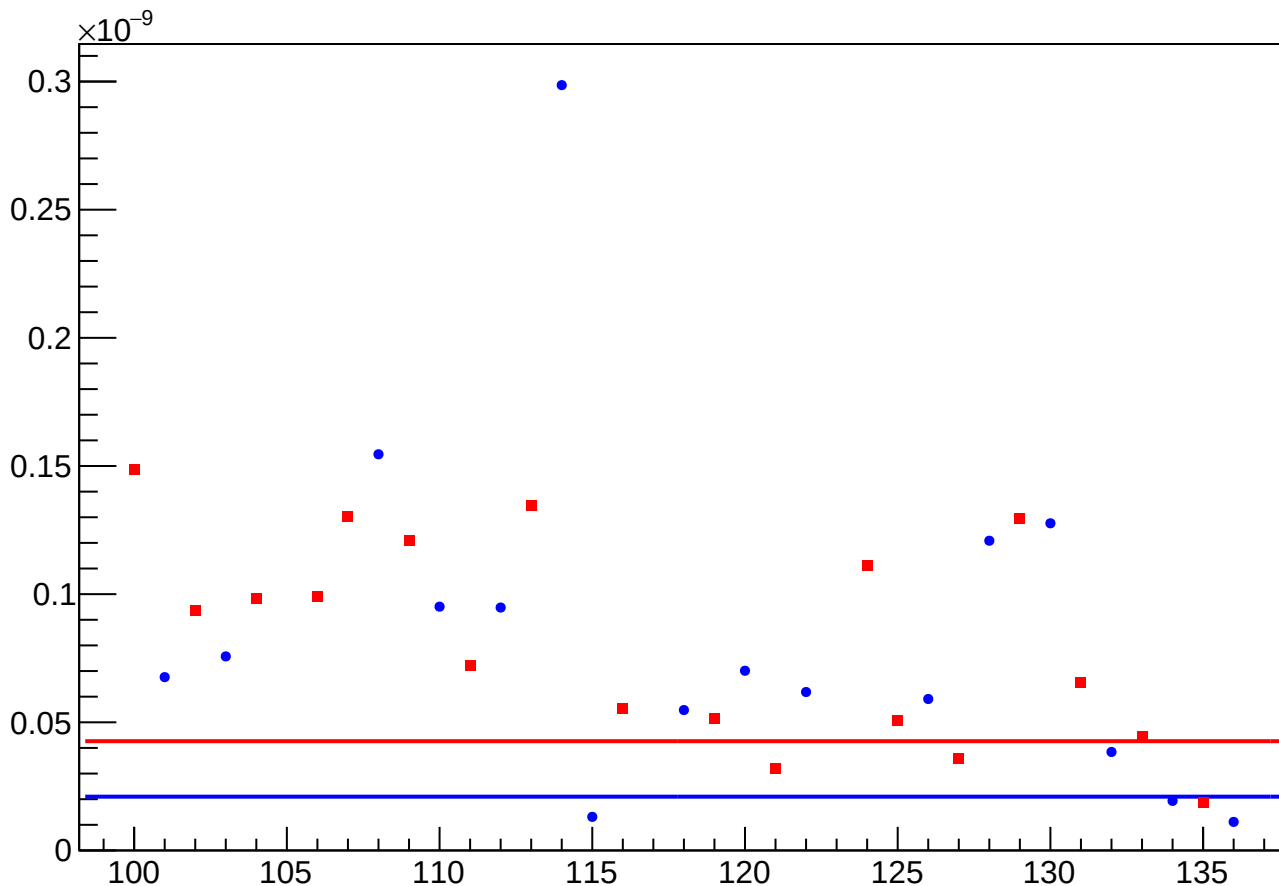
Right: -0.000+/-0.000 χ^2/NDF : 53.3/33

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 : 53.3/33

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 : 1869997.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

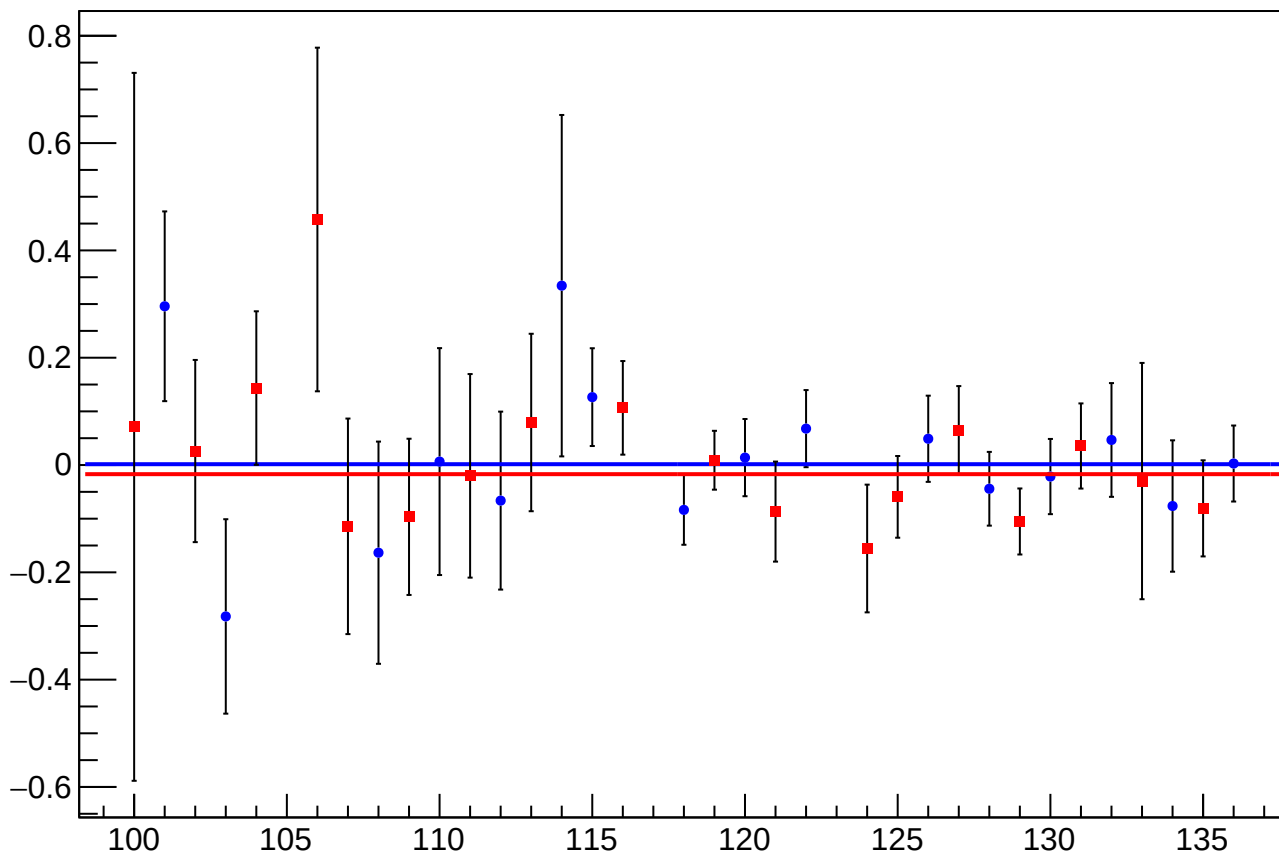
Right: 0.000+/-0.000 χ^2/NDF : 6031052.7/33

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 : 6031052.7/33

asym_sam_26_avg_dit_vs_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: -0.017 $\pm$ 0.024 χ^2 /NDF: 12.8/17

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

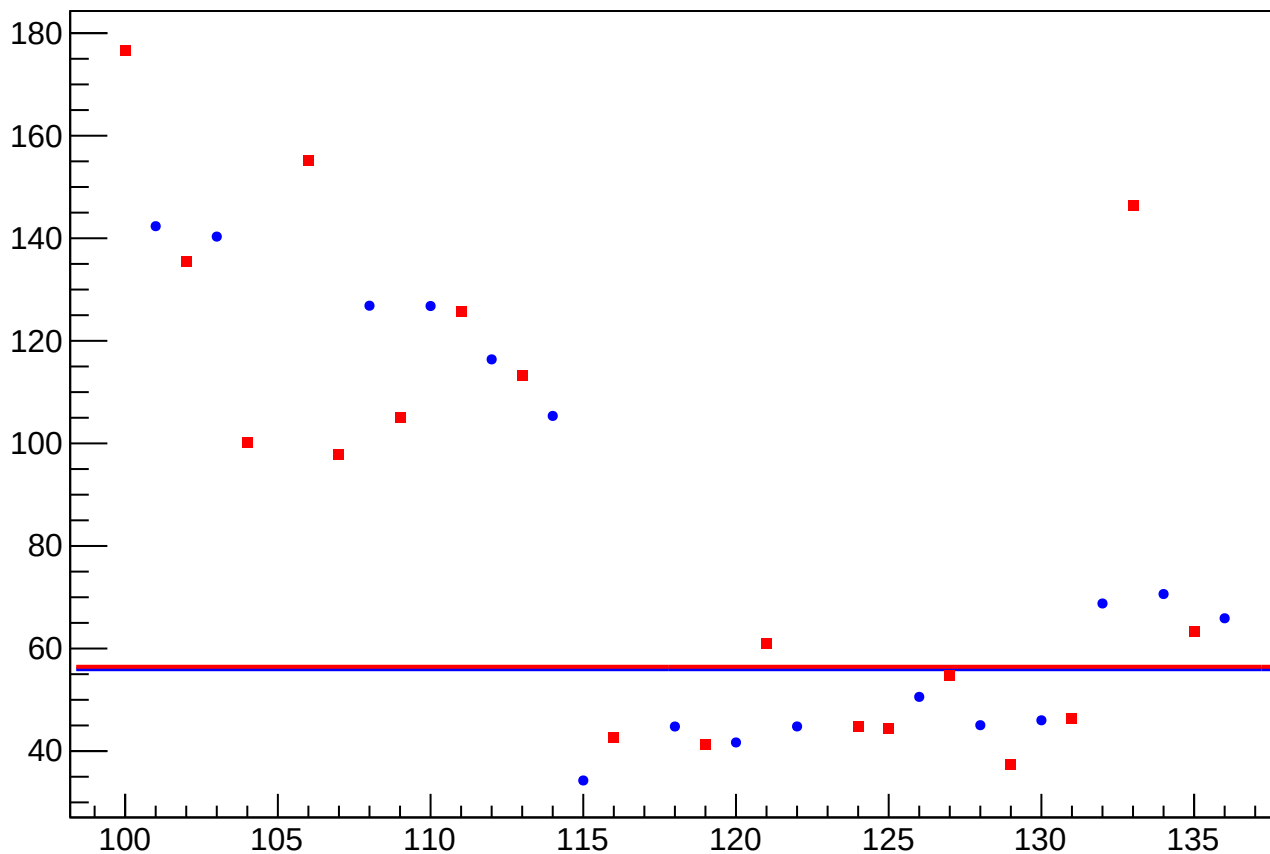
Right: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: 56.443+/-0.017 χ^2/NDF : 2535828.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

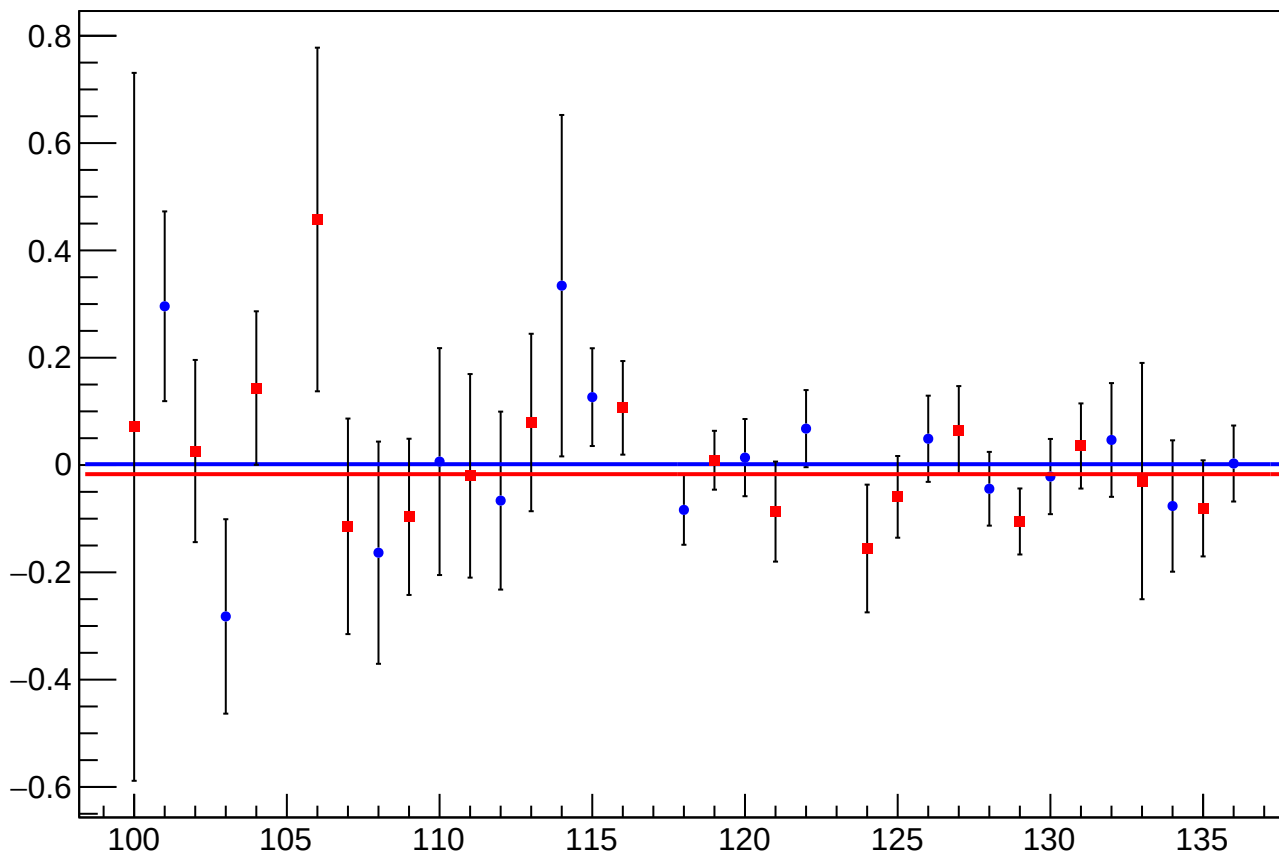
Right: 56.202+/-0.012 χ^2/NDF : 4716062.2/33

In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.202+/-0.012 χ^2/NDF : 4716062.2/33

asym_sam_26_avg_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: -0.017 $\pm$ 0.024 χ^2 /NDF: 12.8/17

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

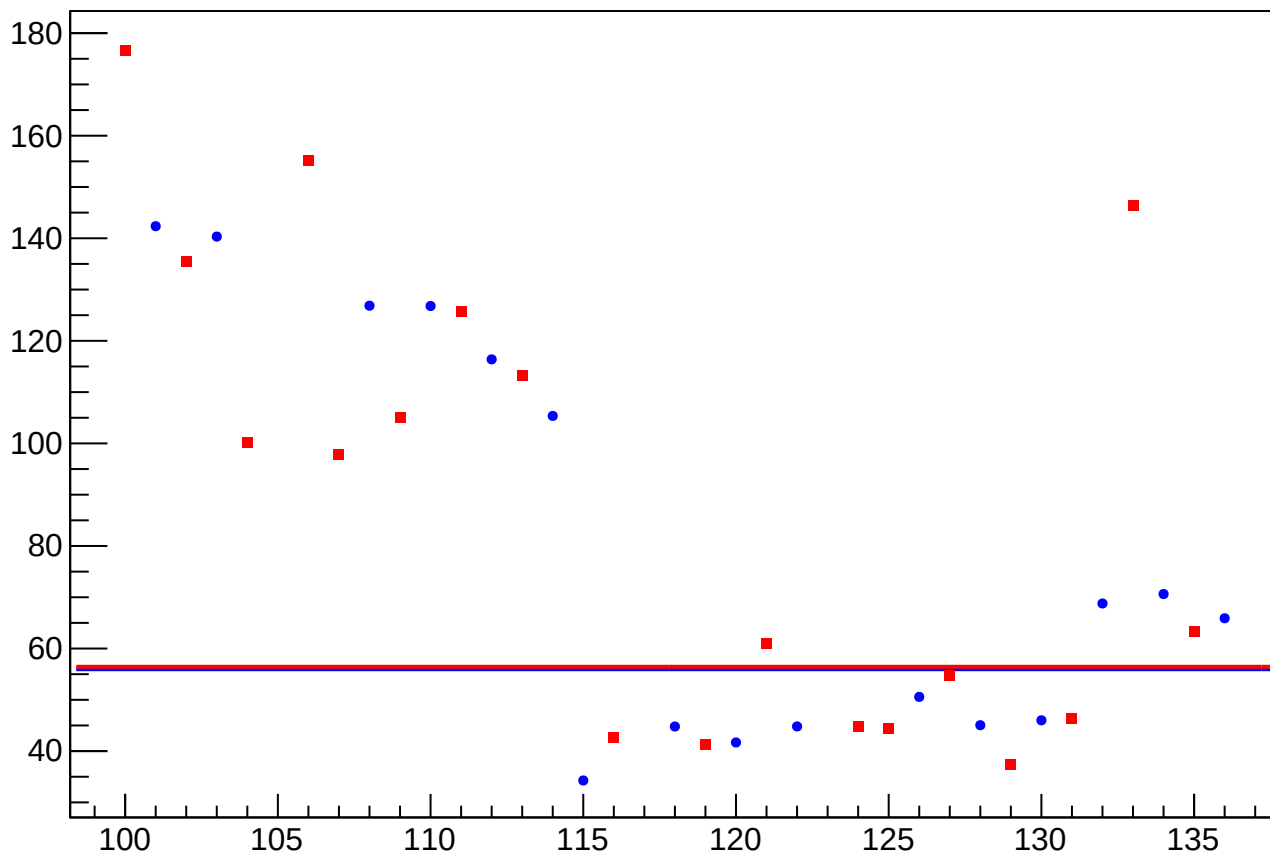
Right: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: 56.443+/-0.017 χ^2/NDF : 2535828.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

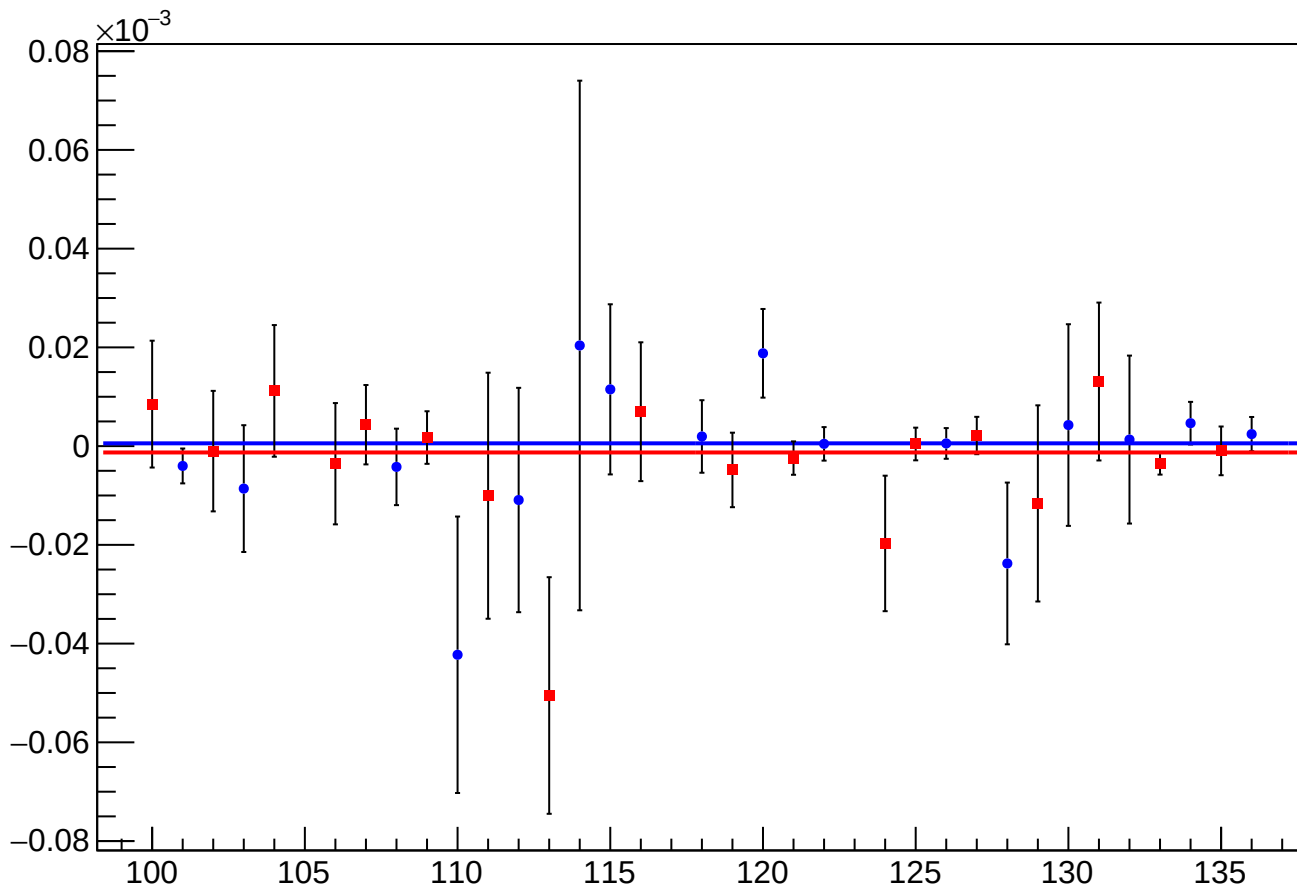
Right: 56.202+/-0.012 χ^2/NDF : 4716062.2/33

In: 55.968+/-0.017 χ^2/NDF : 2179829.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.202+/-0.012 χ^2/NDF : 4716062.2/33

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 13.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 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

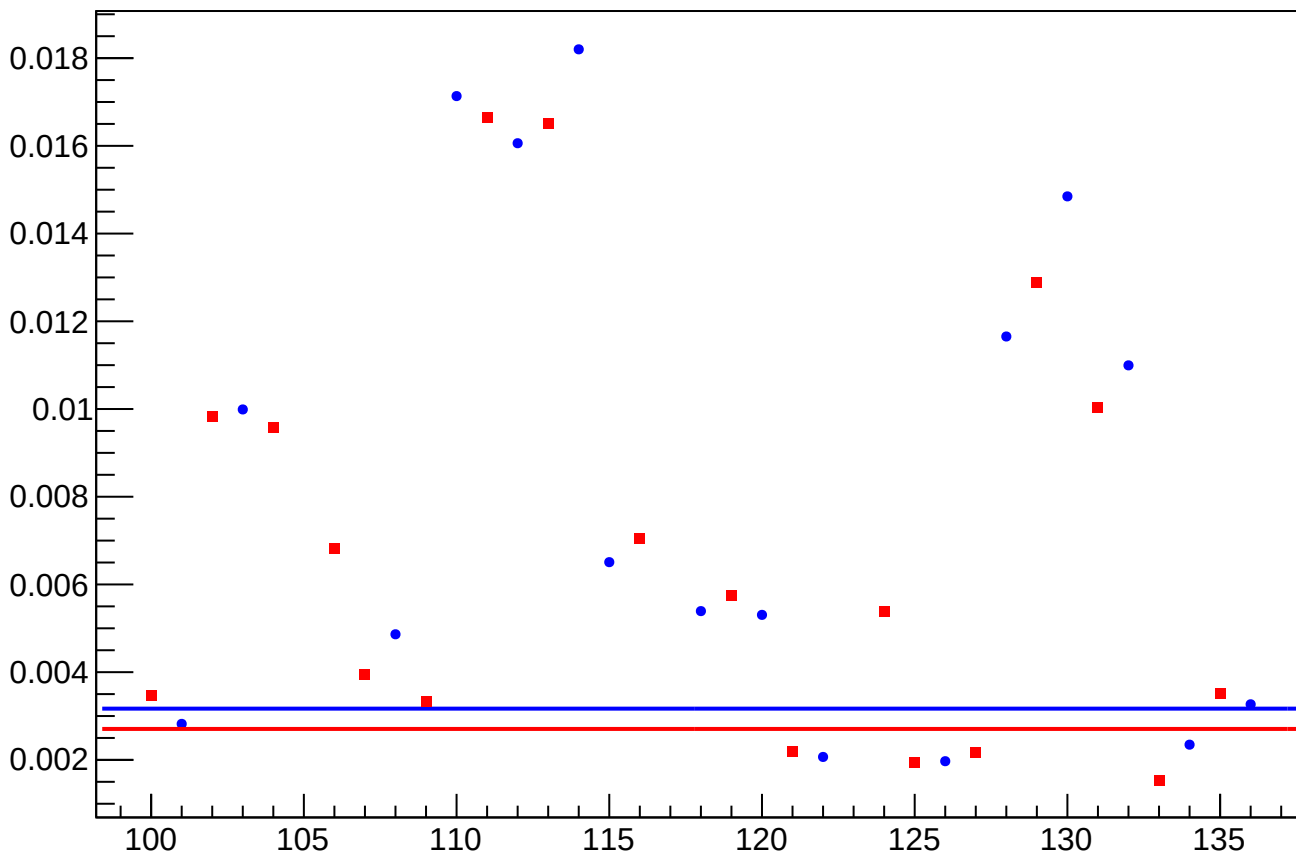
Right: -0.000 $\pm$ 0.000 χ^2/NDF : 26.5/33

In: 0.000 $\pm$ 0.000 χ^2/NDF : 13.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 26.5/33

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 : 5138421.1/17

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 : 9797736.1/33

In: 0.003+/-0.000

χ^2/NDF : 4545616.6/15

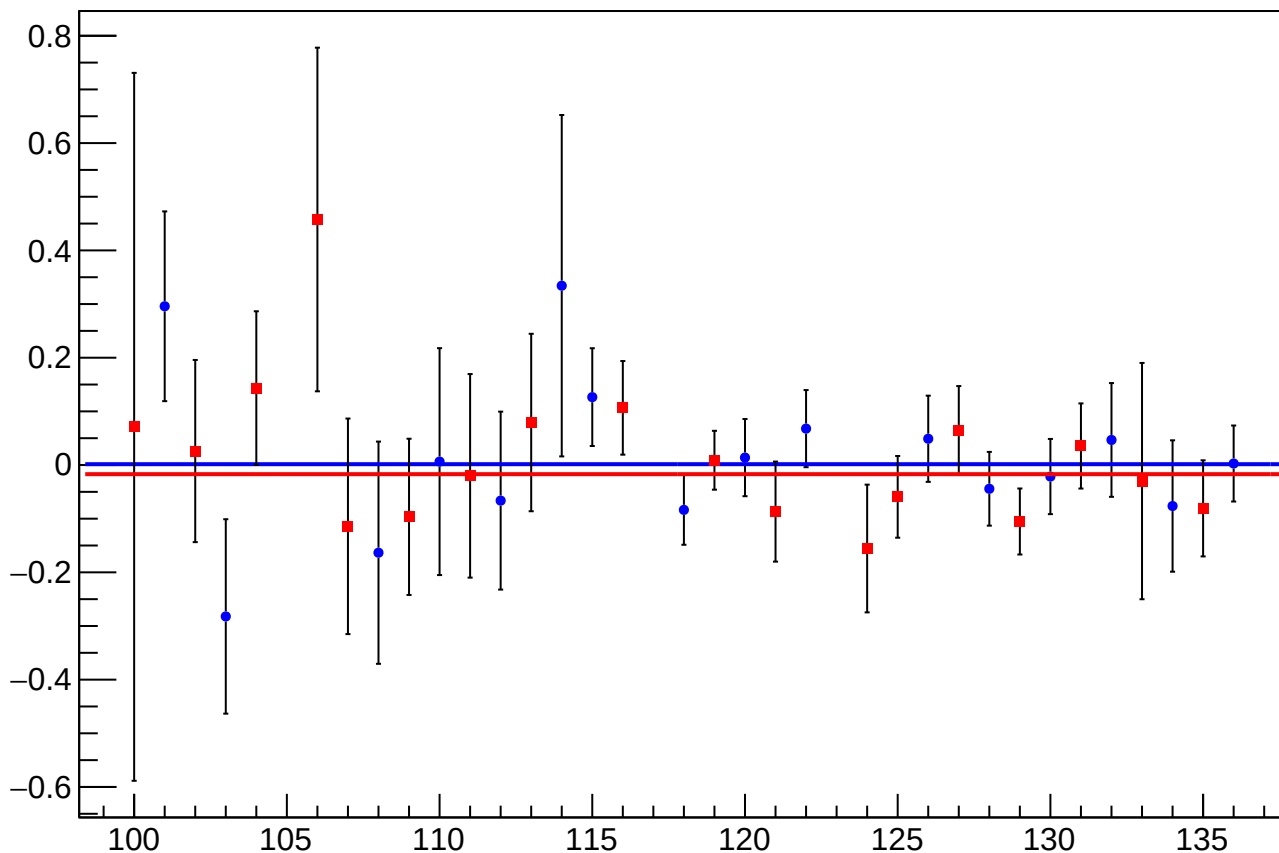
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 9797736.1/33

asym_sam_26_avg_eigen_dit_vs_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: -0.017 $\pm$ 0.024 χ^2 /NDF: 12.8/17

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

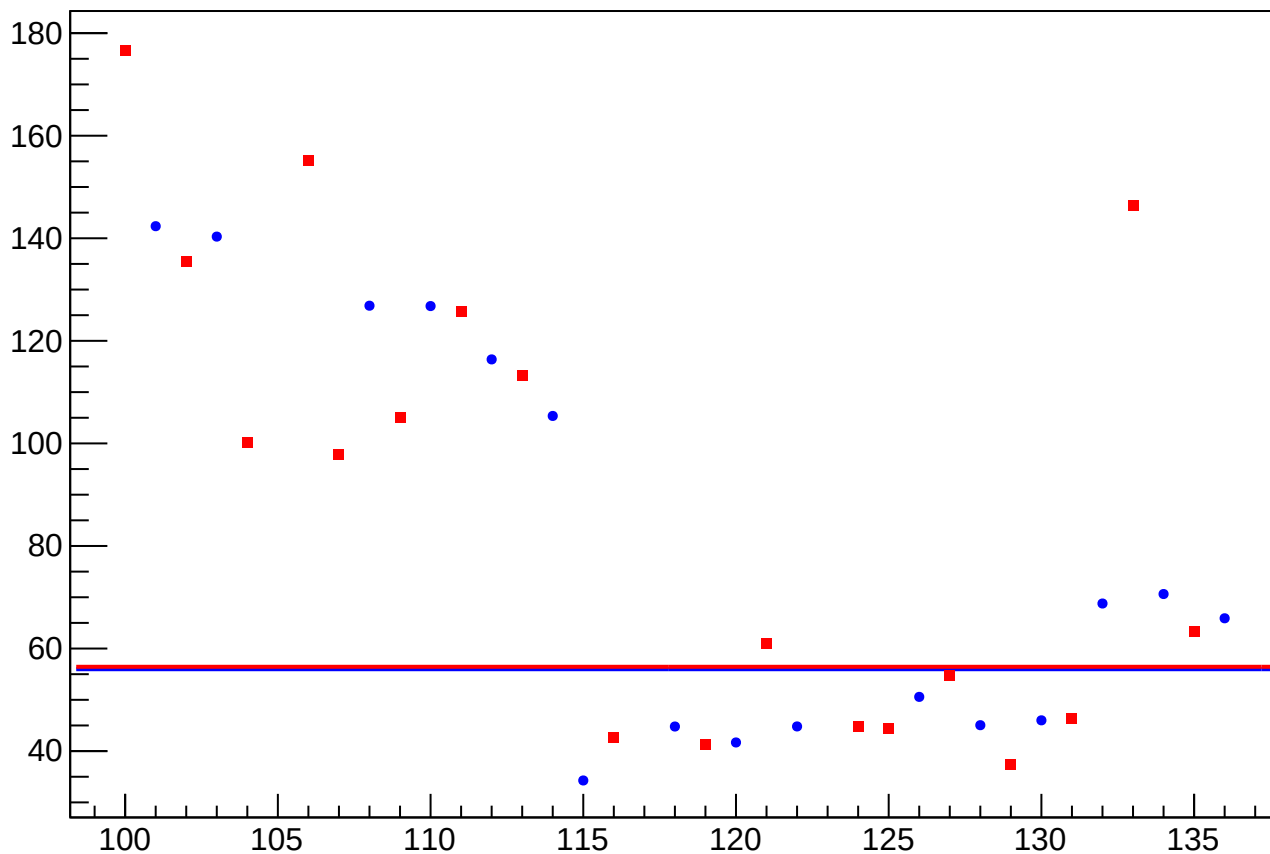
Right: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: 56.443+/-0.017 χ^2/NDF : 2535771.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

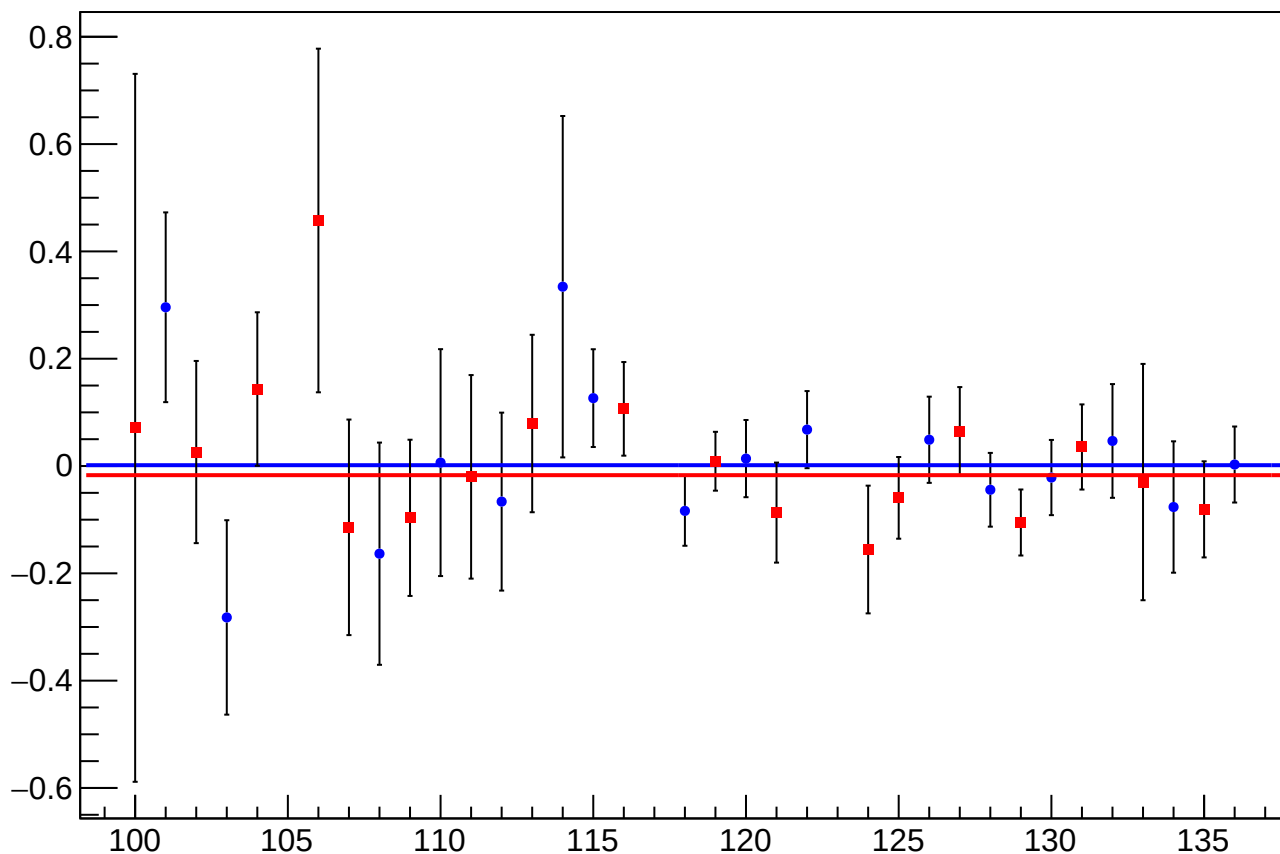
Right: 56.202+/-0.012 χ^2/NDF : 4715933.5/33

In: 55.968+/-0.017 χ^2/NDF : 2179757.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.202+/-0.012 χ^2/NDF : 4715933.5/33

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: -0.017 $\pm$ 0.024 χ^2 /NDF: 12.8/17

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

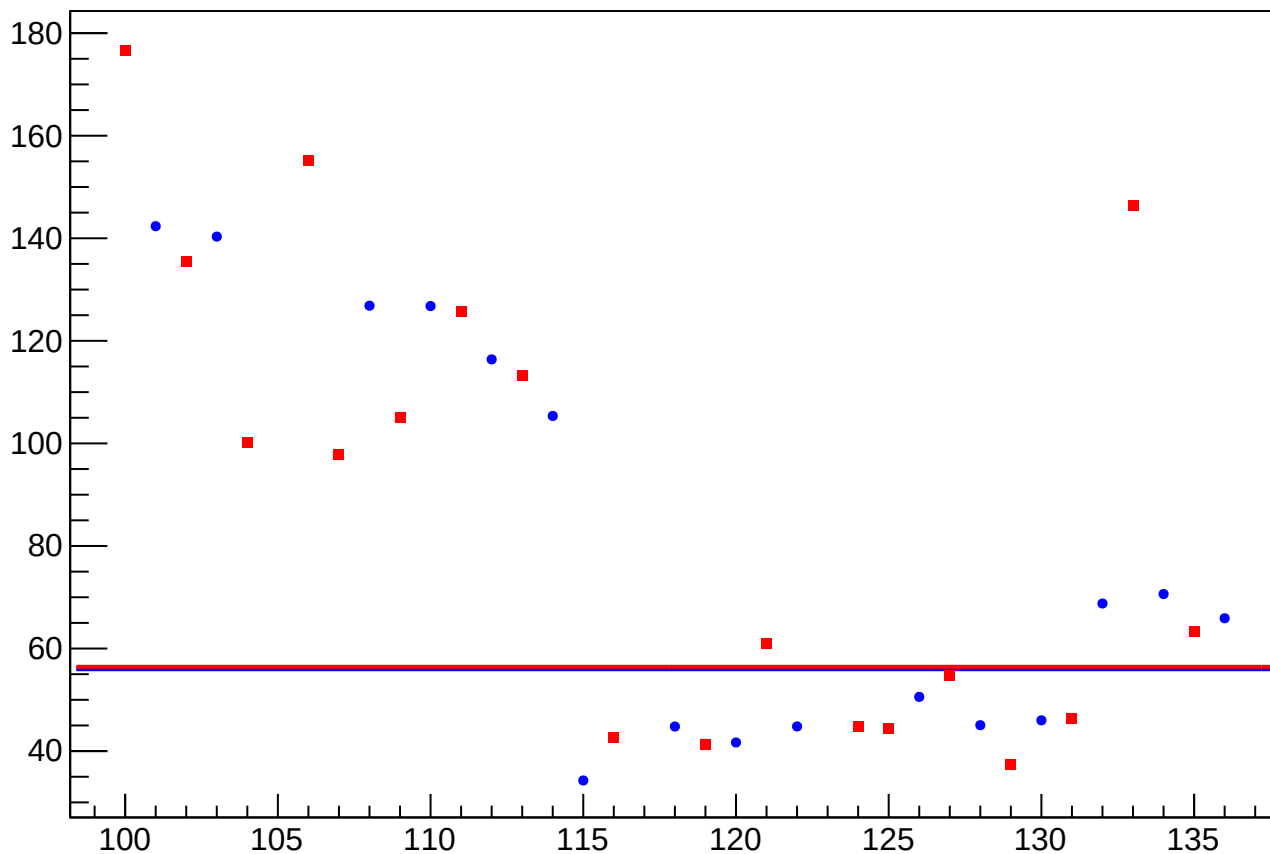
Right: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: -0.008 $\pm$ 0.017 χ^2 /NDF: 26.2/33

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: 56.443+/-0.017 χ^2/NDF : 2535771.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

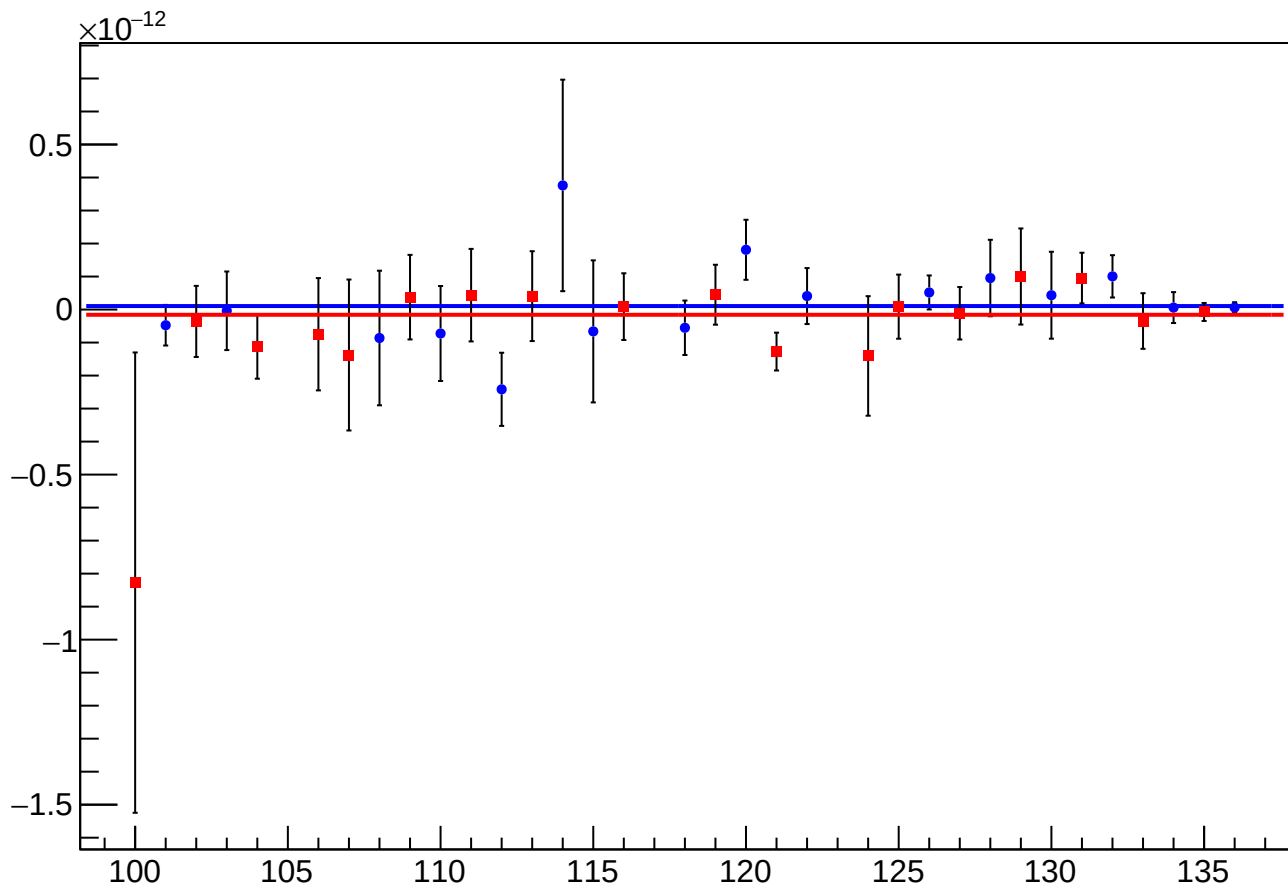
Right: 56.202+/-0.012 χ^2/NDF : 4715933.5/33

In: 55.968+/-0.017 χ^2/NDF : 2179757.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.202+/-0.012 χ^2/NDF : 4715933.5/33

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 : 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

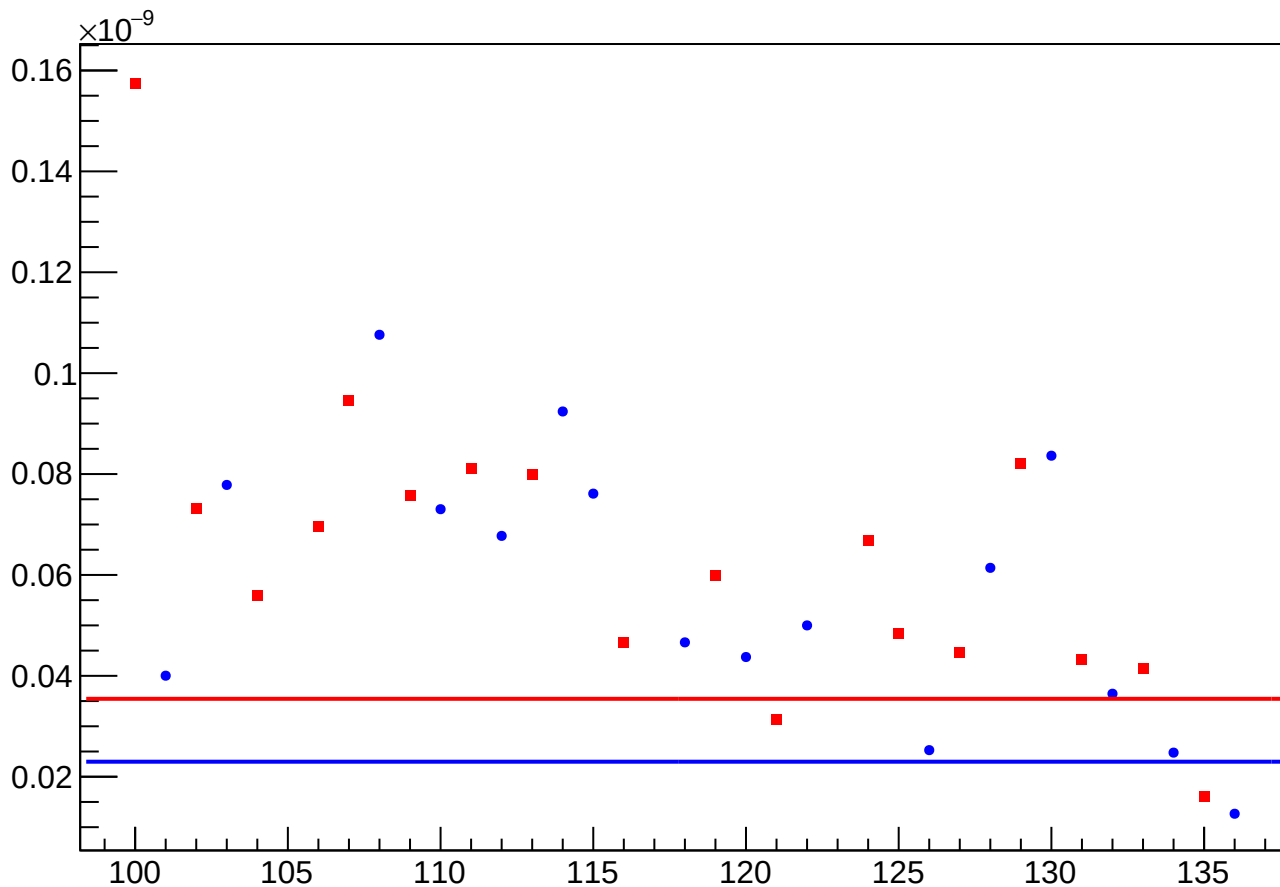
Right: 0.000+/-0.000 χ^2/NDF : 28.0/33

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 : 28.0/33

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 : 2774127.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

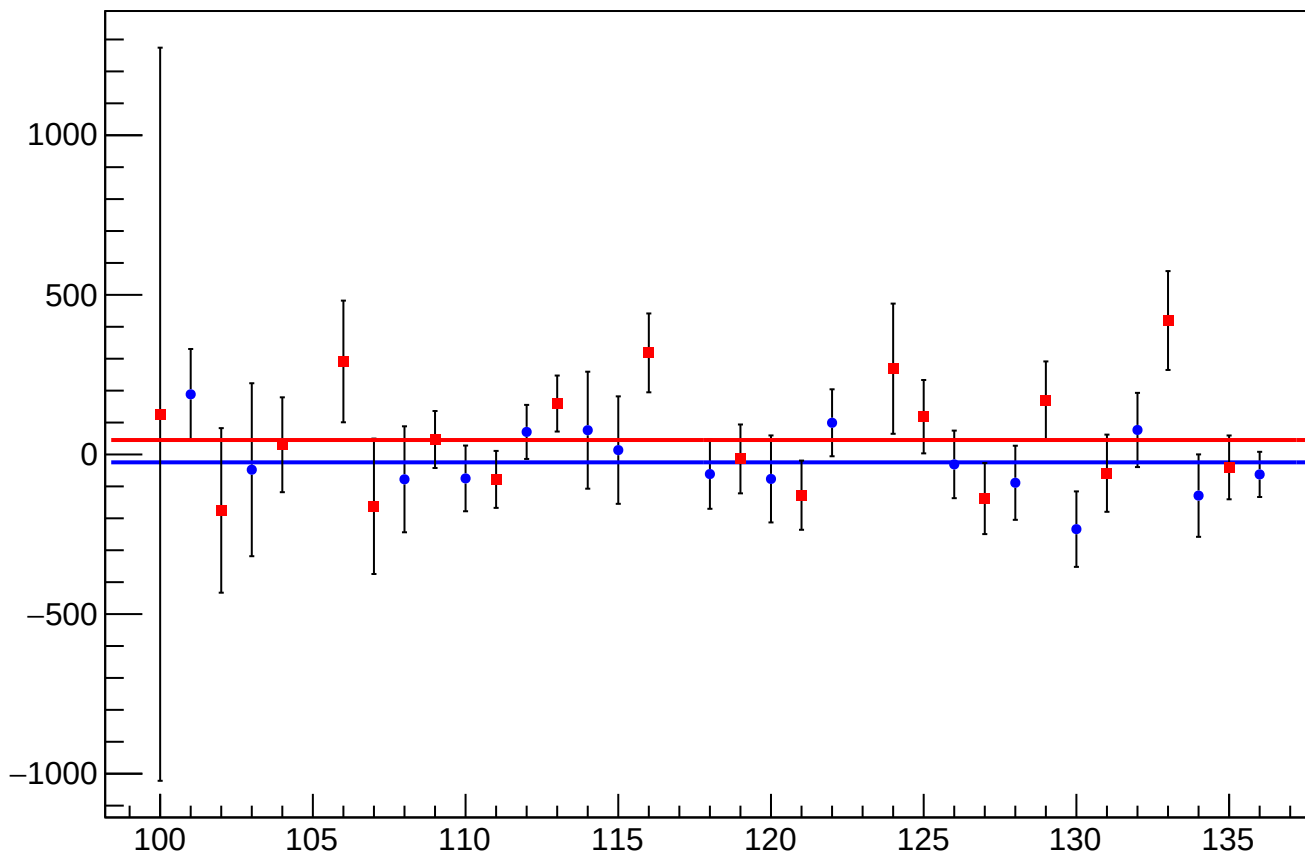
Right: 0.000+/-0.000 χ^2/NDF : 7118041.7/33

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 : 7118041.7/33

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: 45.282 ± 29.049 χ^2/NDF : 27.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

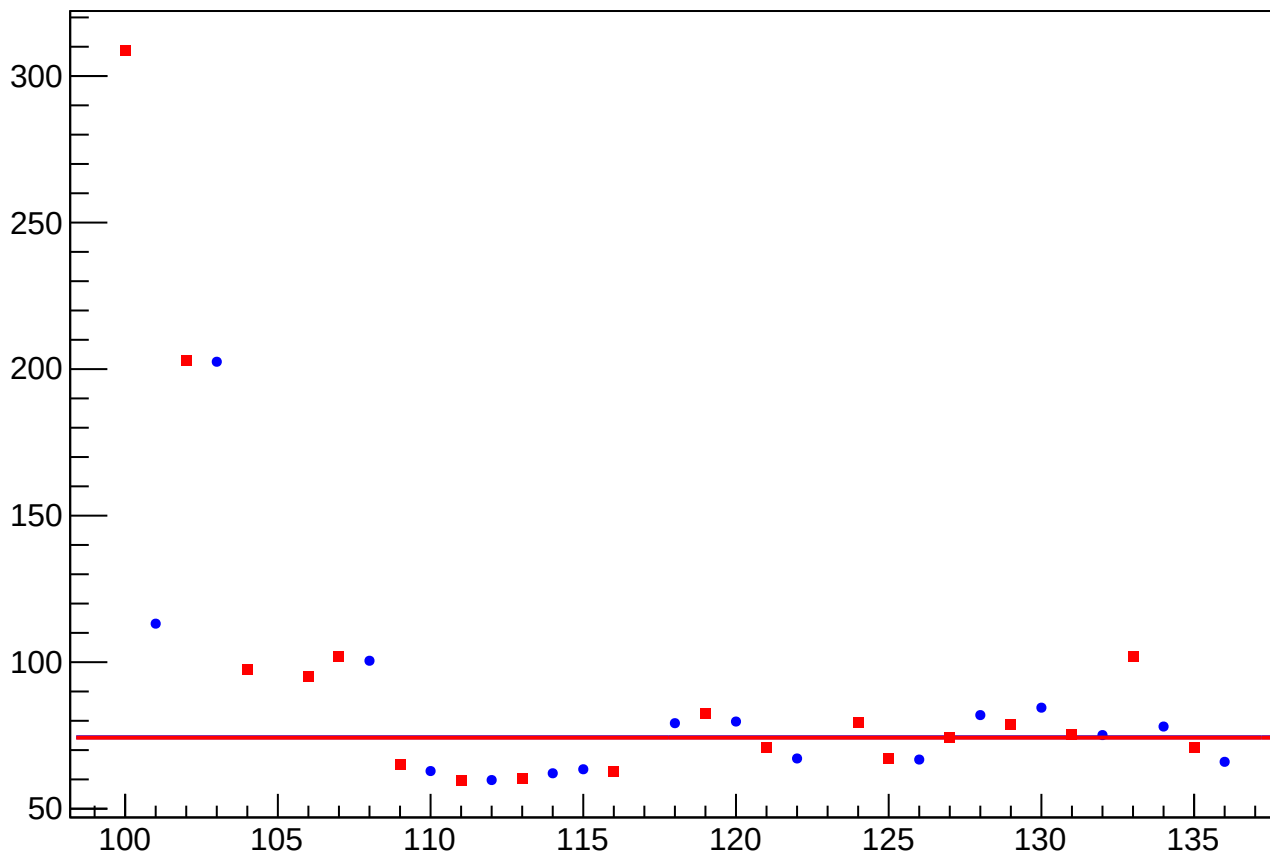
Right: 10.160 ± 20.492 χ^2/NDF : 41.3/33

In: -24.632 ± 28.913 χ^2/NDF : 11.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 10.160 ± 20.492 χ^2/NDF : 41.3/33

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: 74.250+/-0.021 χ^2/NDF : 920898.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

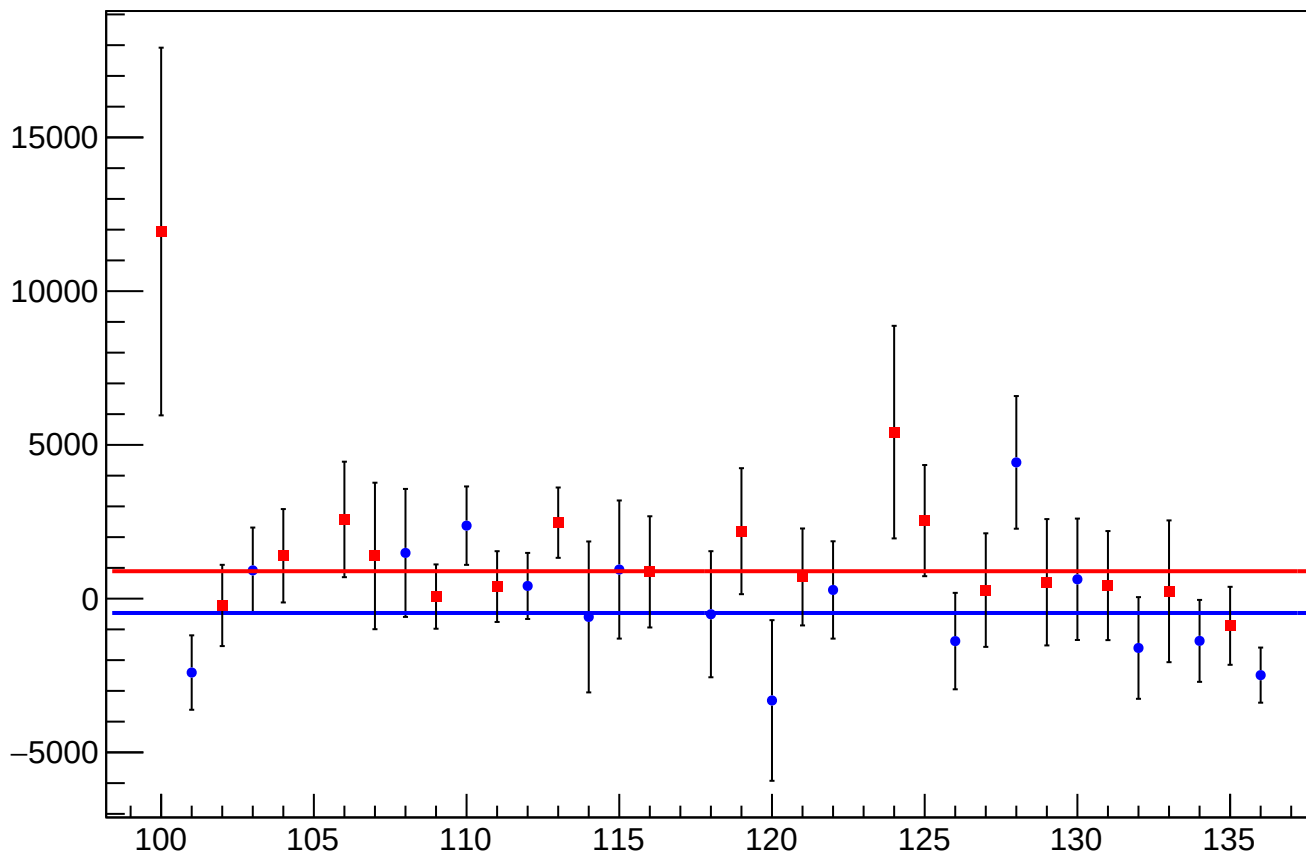
Right: 74.310+/-0.014 χ^2/NDF : 1748498.6/33

In: 74.369+/-0.020 χ^2/NDF : 827583.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.310+/-0.014 χ^2/NDF : 1748498.6/33

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: 891.868+/-380.097 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

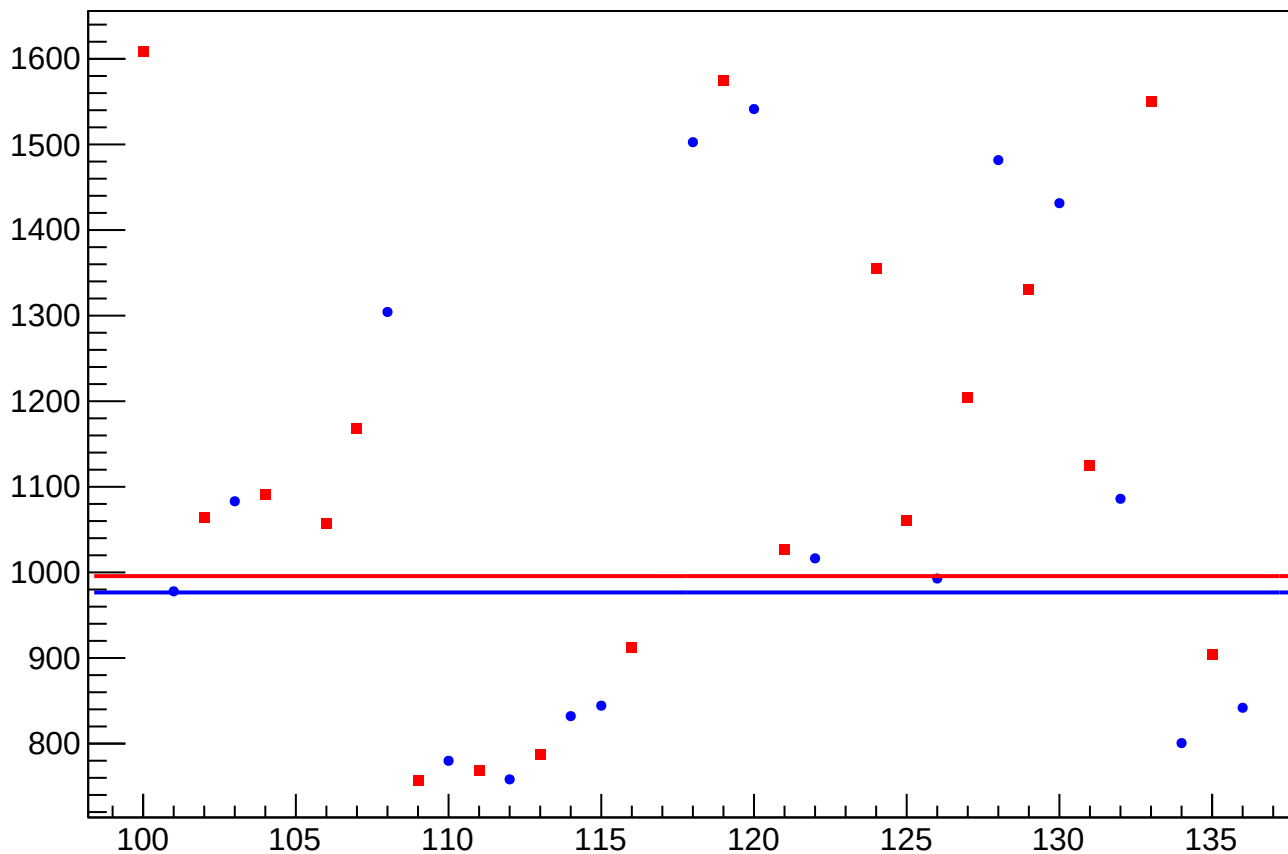
Right: 203.557+/-266.960 χ^2/NDF : 43.2/33

In: -466.524+/-375.030 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.557+/-266.960 χ^2/NDF : 43.2/33

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: 995.663+/-0.269 χ^2/NDF : 699598.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

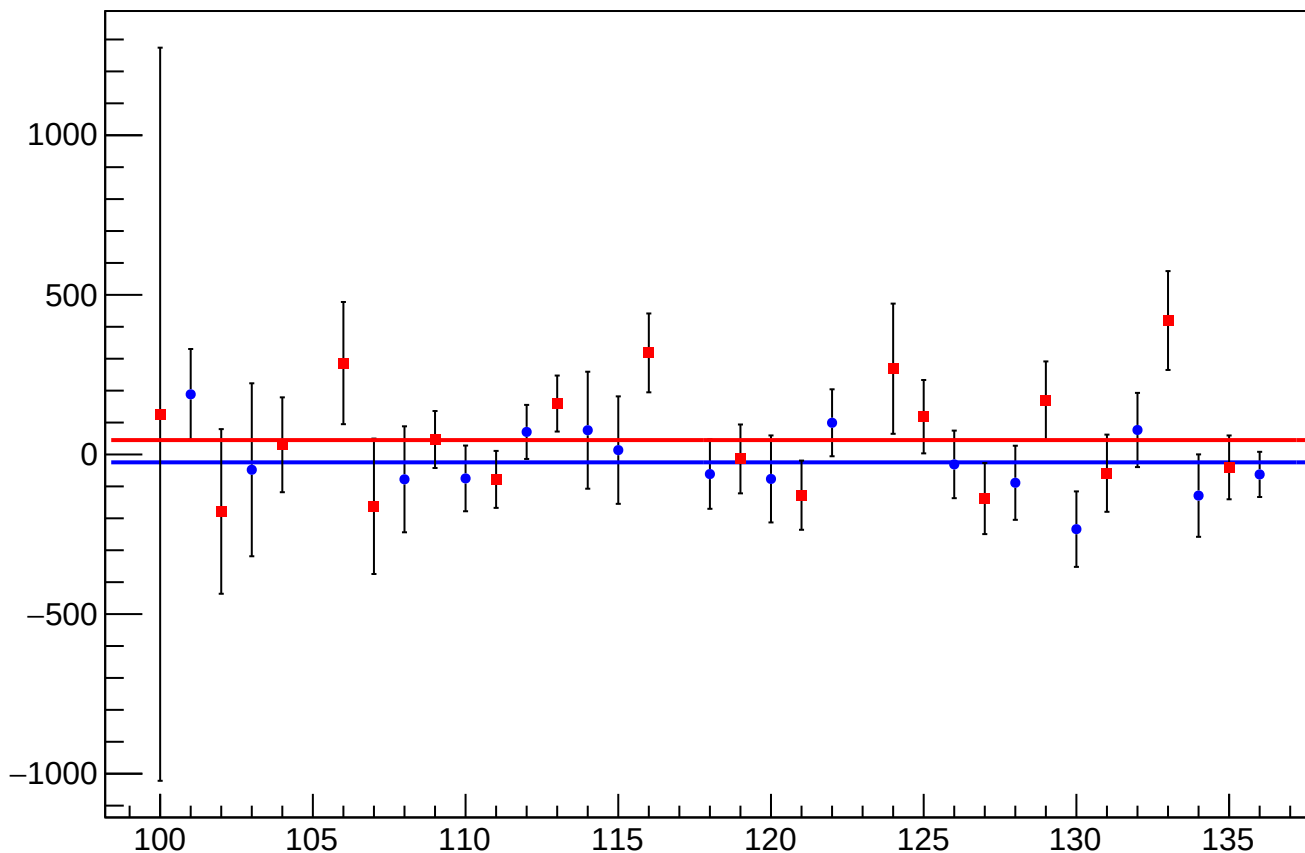
Right: 985.995+/-0.189 χ^2/NDF : 1438757.0/33

In: 976.583+/-0.265 χ^2/NDF : 736605.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 985.995+/-0.189 χ^2/NDF : 1438757.0/33

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: 45.077 ± 29.052 χ^2/NDF : 27.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

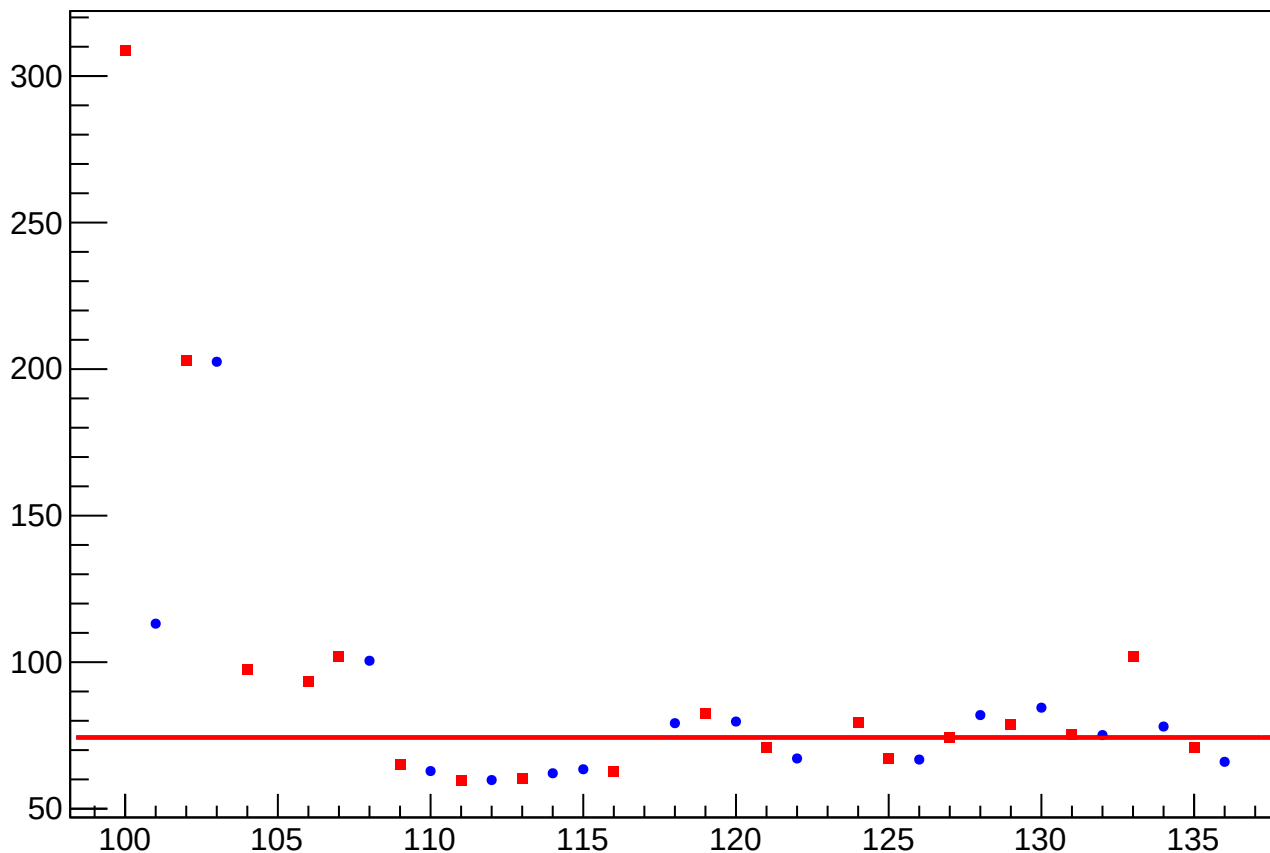
Right: 10.050 ± 20.494 χ^2/NDF : 41.2/33

In: -24.640 ± 28.913 χ^2/NDF : 11.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 10.050 ± 20.494 χ^2/NDF : 41.2/33

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: 74.206+/-0.021 χ^2/NDF : 917203.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

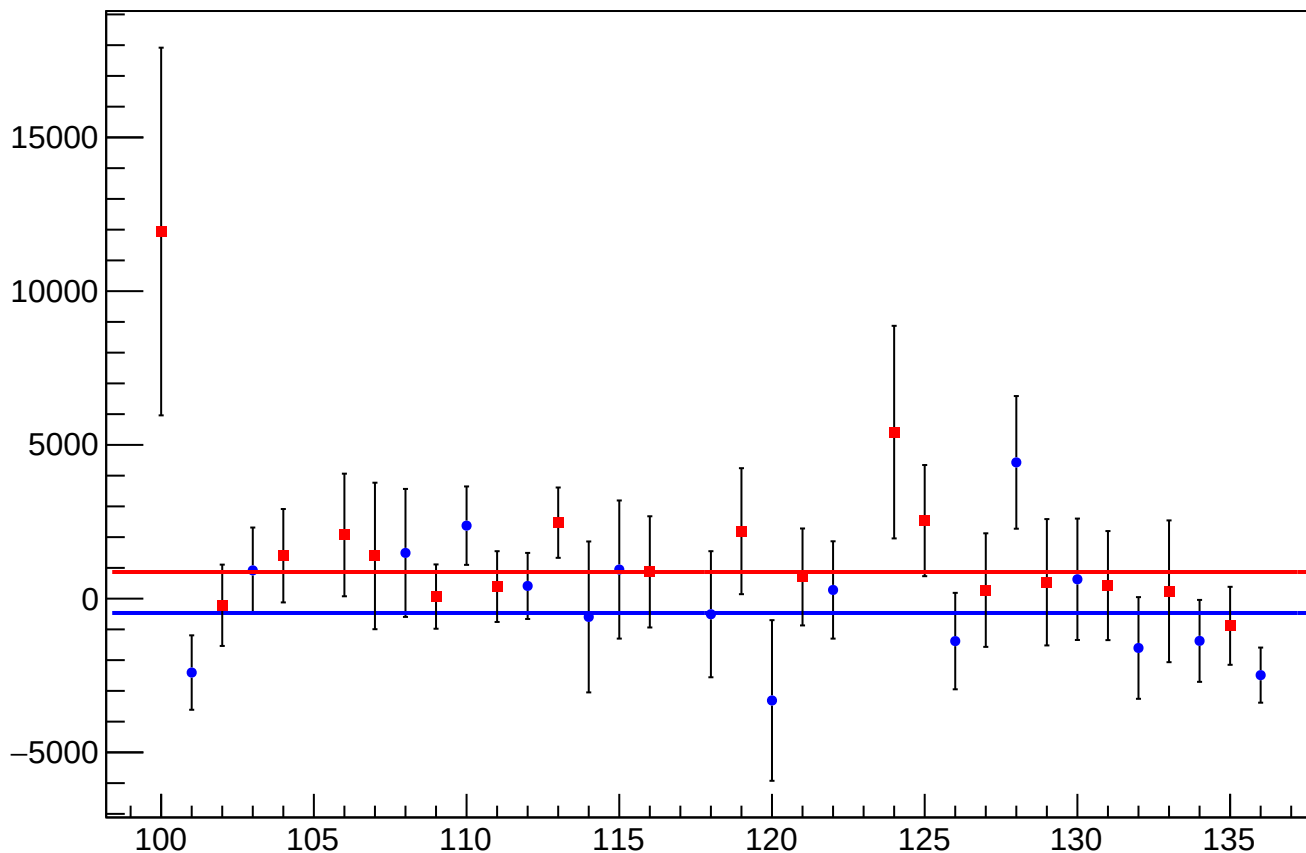
Right: 74.288+/-0.014 χ^2/NDF : 1744819.8/33

In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.288+/-0.014 χ^2/NDF : 1744819.8/33

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: 866.301+/-381.006 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

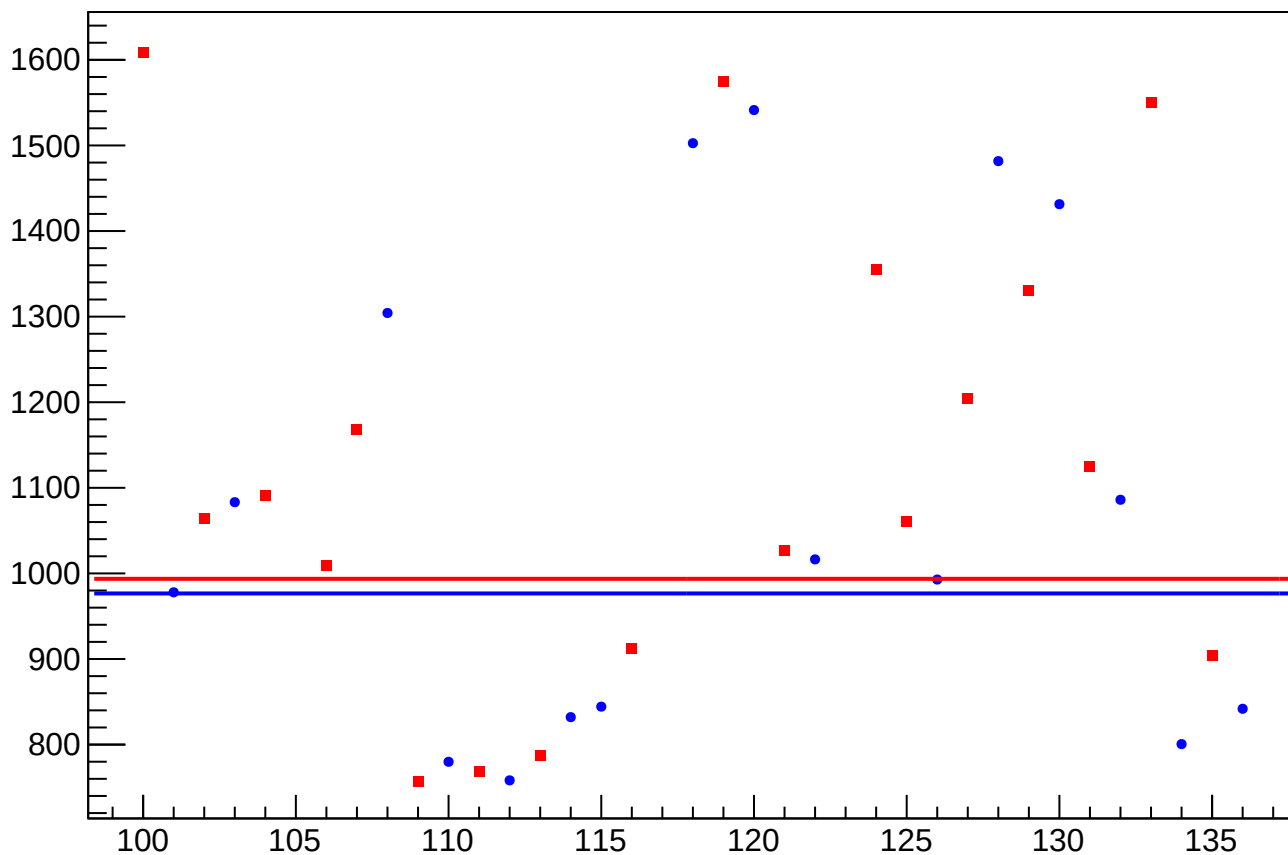
Right: 189.366+/-267.275 χ^2/NDF : 42.5/33

In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.366+/-267.275 χ^2/NDF : 42.5/33

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: 993.673+/-0.269 χ^2/NDF : 697592.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

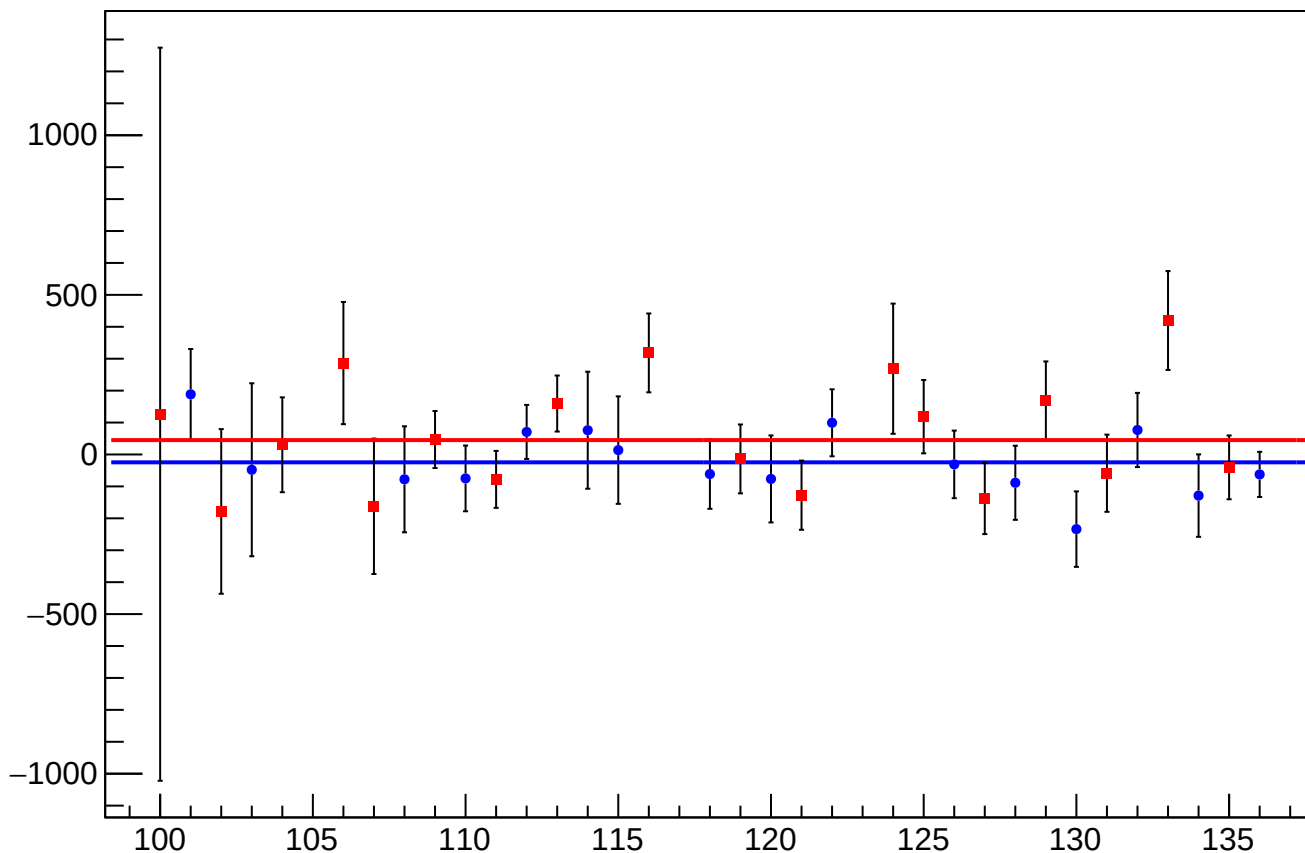
Right: 984.996+/-0.189 χ^2/NDF : 1436263.3/33

In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.996+/-0.189 χ^2/NDF : 1436263.3/33

eigen_cor_asym_sam_37_avg_mean vs Slug, Sign Corrected



Right In: -24.640 ± 28.913 $\chi^2/\text{NDF}: 11.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 45.077 ± 29.052 $\chi^2/\text{NDF}: 27.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

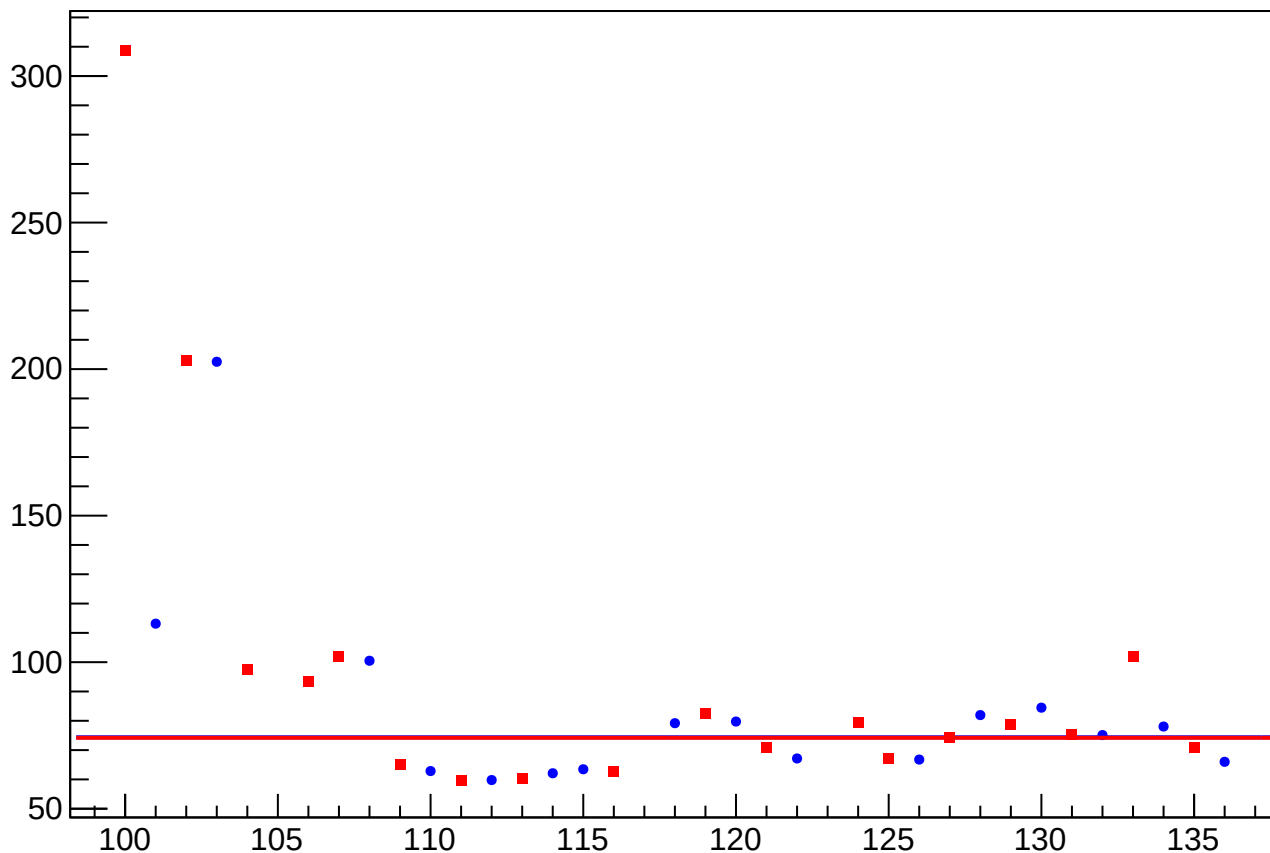
Right: 10.050 ± 20.494 $\chi^2/\text{NDF}: 41.2/33$

In: -24.640 ± 28.913 $\chi^2/\text{NDF}: 11.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 10.050 ± 20.494 $\chi^2/\text{NDF}: 41.2/33$

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: 74.206+/-0.021 χ^2/NDF : 917203.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

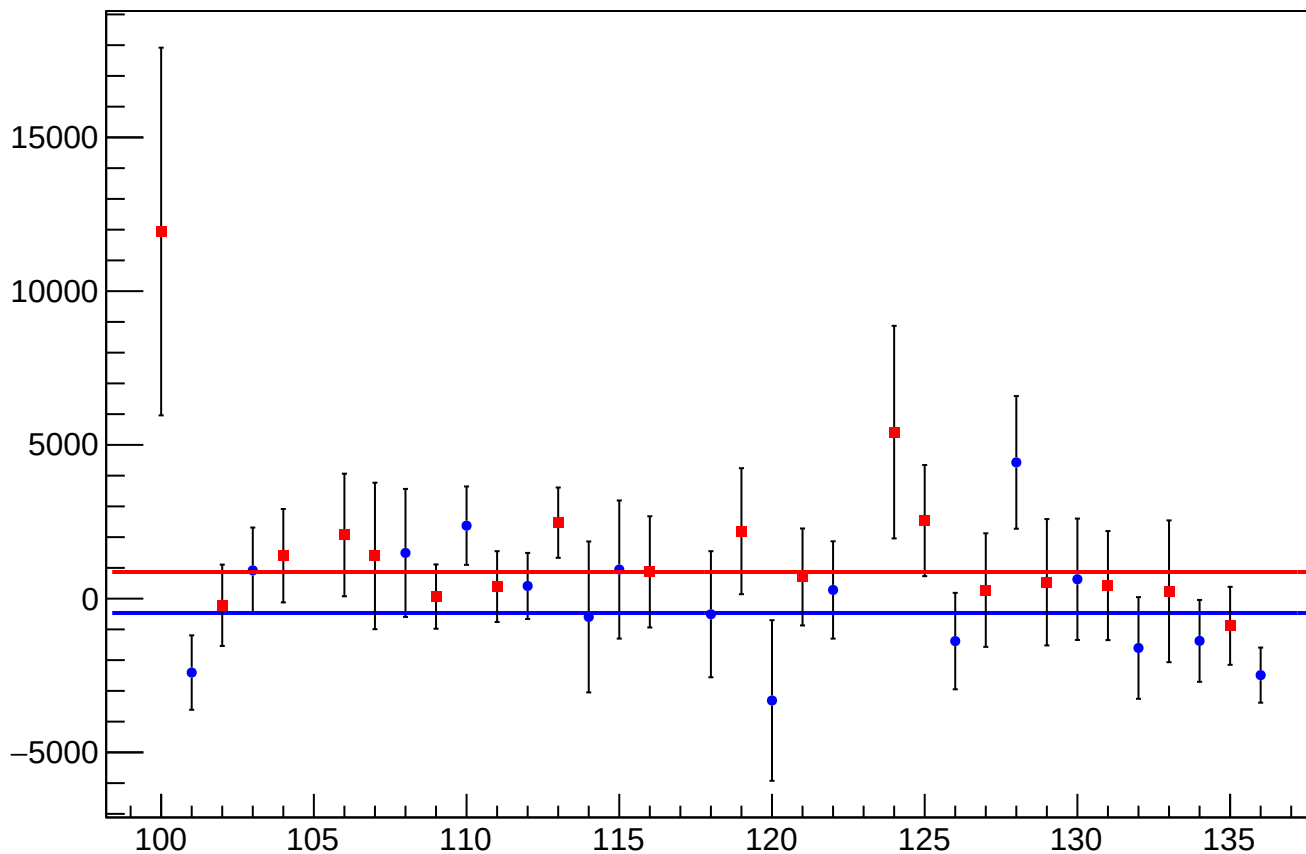
Right: 74.288+/-0.014 χ^2/NDF : 1744819.8/33

In: 74.369+/-0.020 χ^2/NDF : 827585.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.288+/-0.014 χ^2/NDF : 1744819.8/33

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: 866.301+/-381.006 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

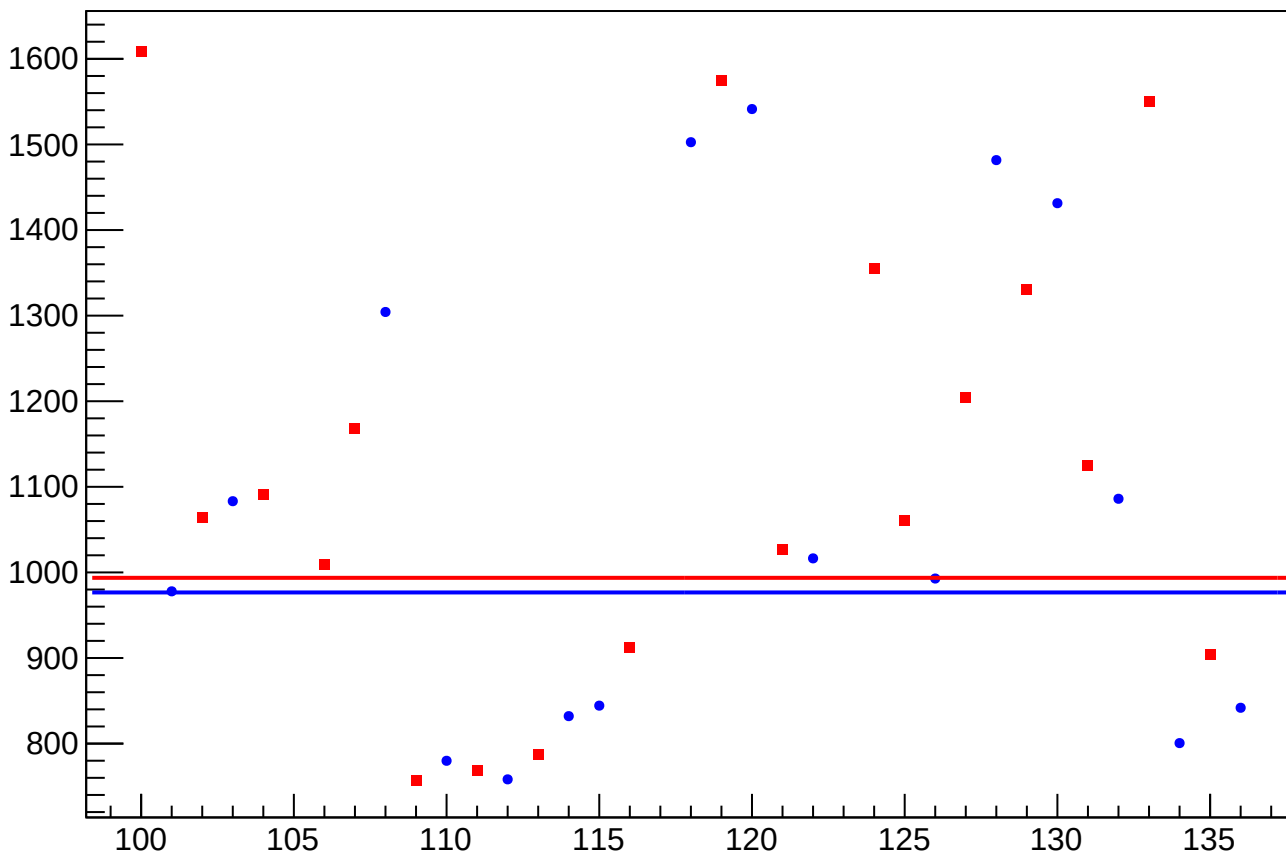
Right: 189.366+/-267.275 χ^2/NDF : 42.5/33

In: -466.511+/-375.033 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.366+/-267.275 χ^2/NDF : 42.5/33

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: 993.673+/-0.269 χ^2/NDF : 697592.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

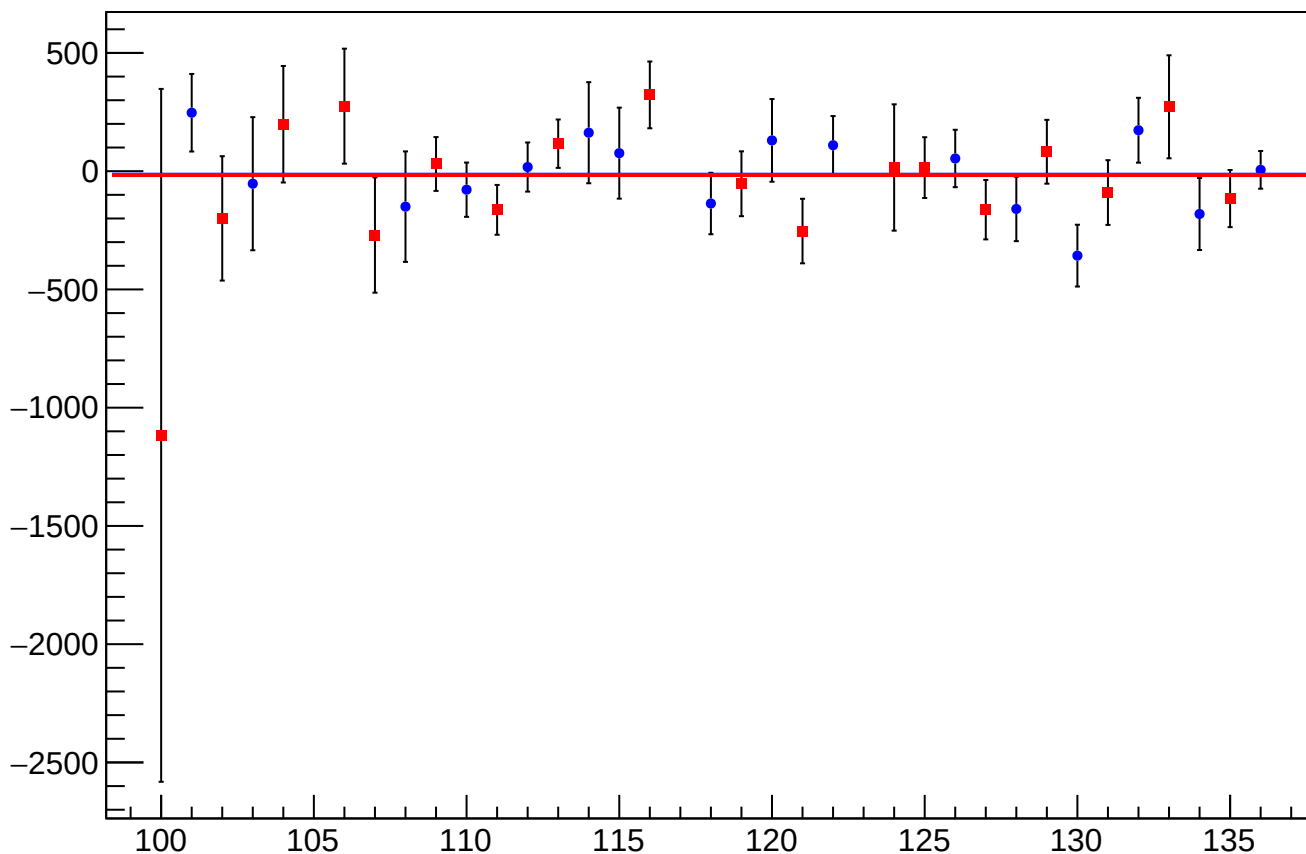
Right: 984.996+/-0.189 χ^2/NDF : 1436263.3/33

In: 976.589+/-0.265 χ^2/NDF : 736628.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 984.996+/-0.189 χ^2/NDF : 1436263.3/33

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: -16.153+/-34.896 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

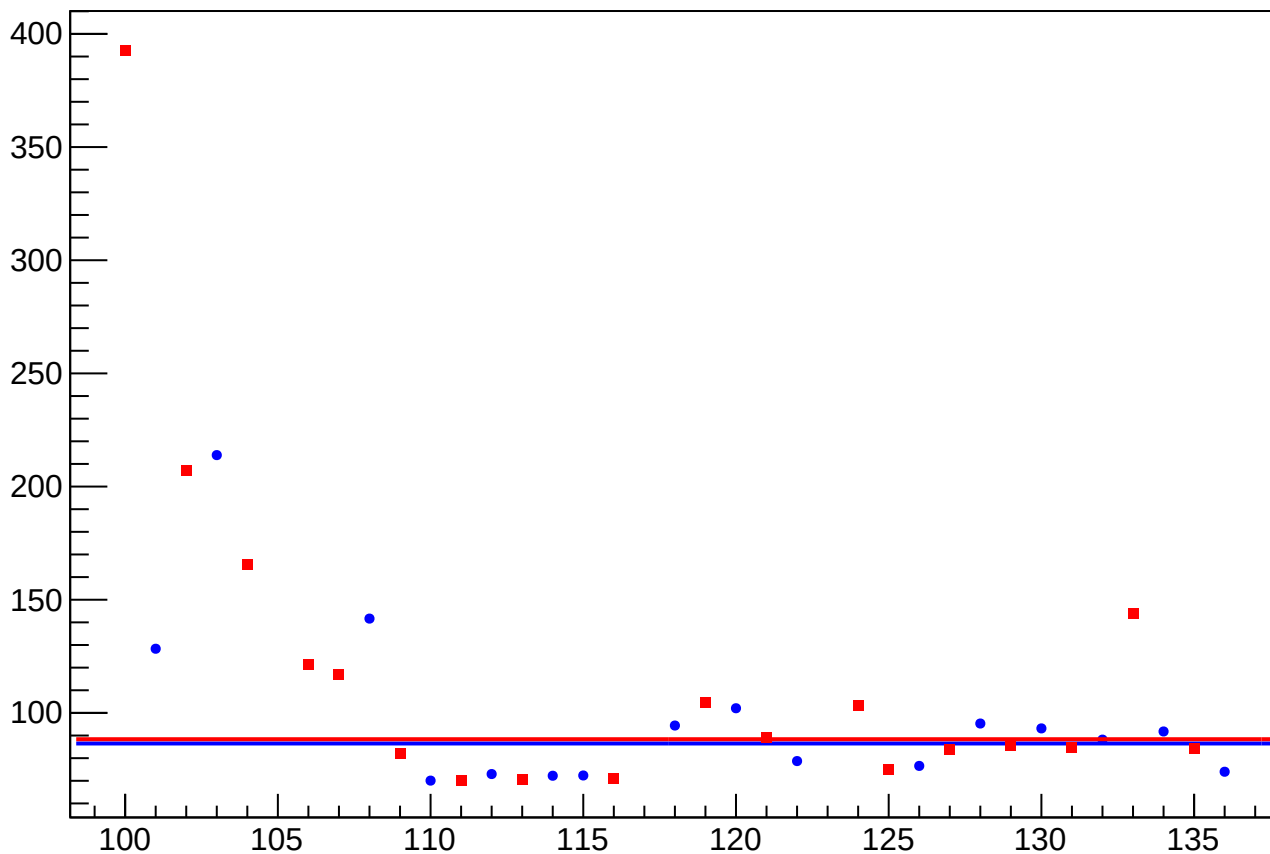
Right: -15.533+/-24.264 χ^2/NDF : 39.9/33

In: -14.953+/-33.761 χ^2/NDF : 18.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.533+/-24.264 χ^2/NDF : 39.9/33

dit_asym_sam_37_avg_rms vs Slug, Sign Corrected



Right In: 86.489+/-0.024 χ^2/NDF : 856257.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 88.373+/-0.025 χ^2/NDF : 1106214.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

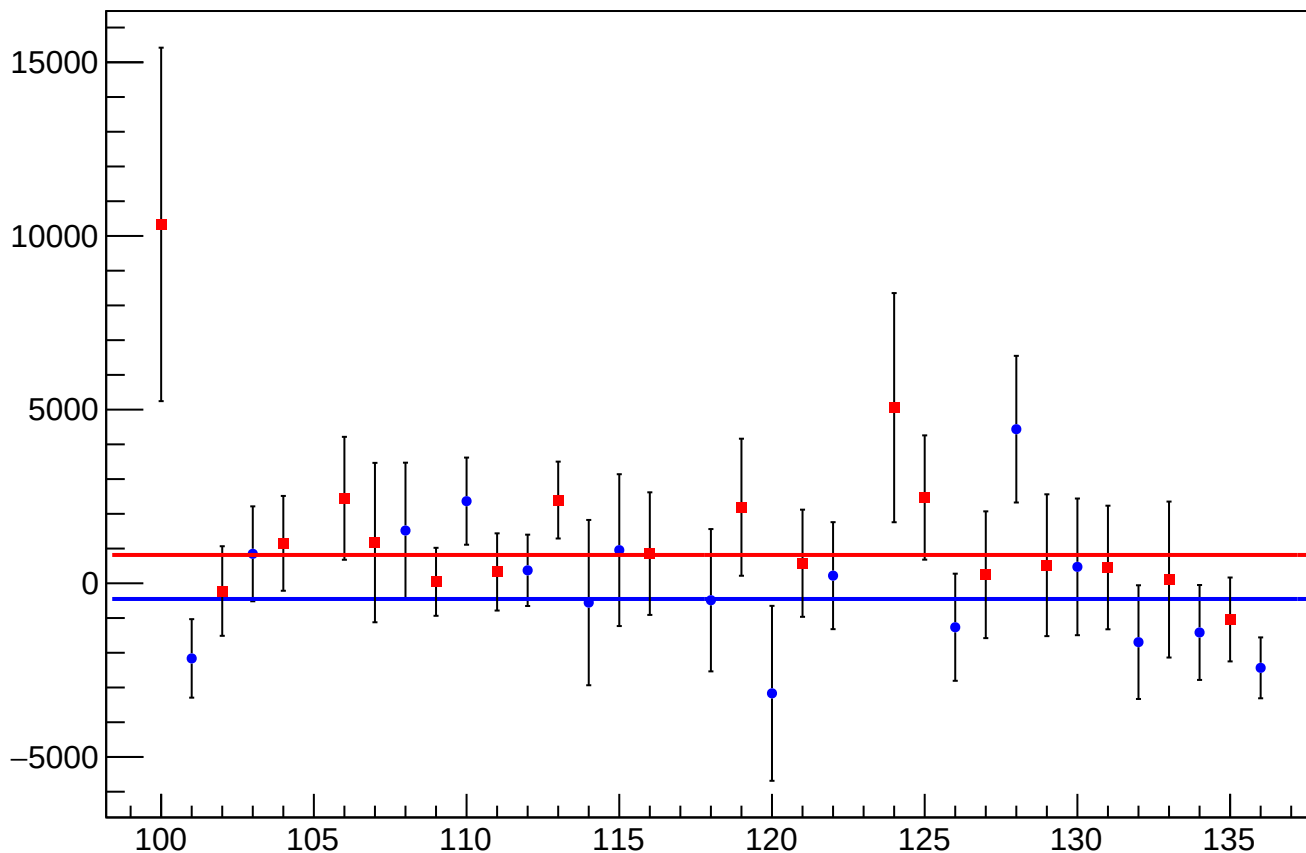
Right: 87.400+/-0.017 χ^2/NDF : 1965483.6/33

In: 86.489+/-0.024 χ^2/NDF :856257.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.400+/-0.017 χ^2/NDF : 1965483.6/33

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: 816.031+/-365.170 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

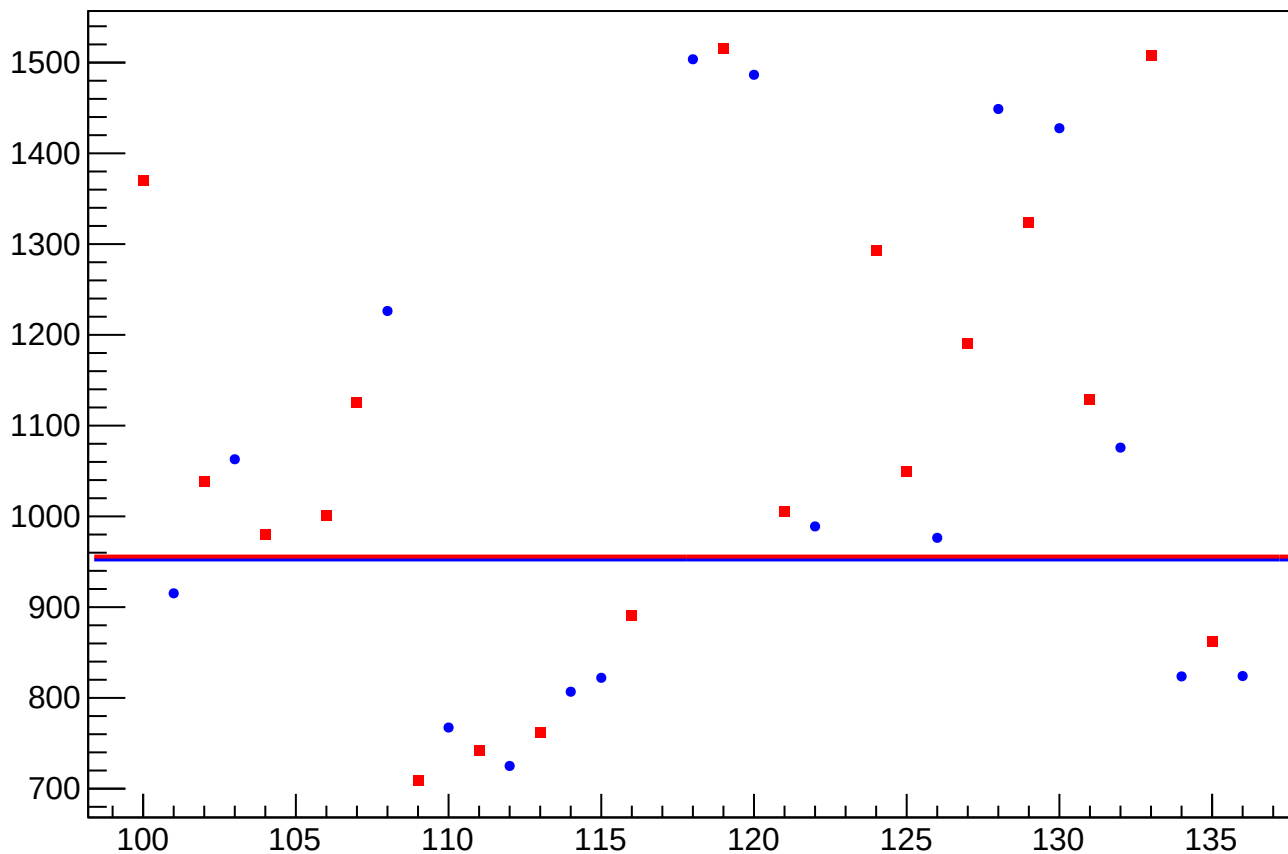
Right: 183.081+/-258.368 χ^2/NDF : 43.3/33

In: -451.380+/-365.605 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.081+/-258.368 χ^2/NDF : 43.3/33

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: 955.722+/-0.258 χ^2/NDF : 738803.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

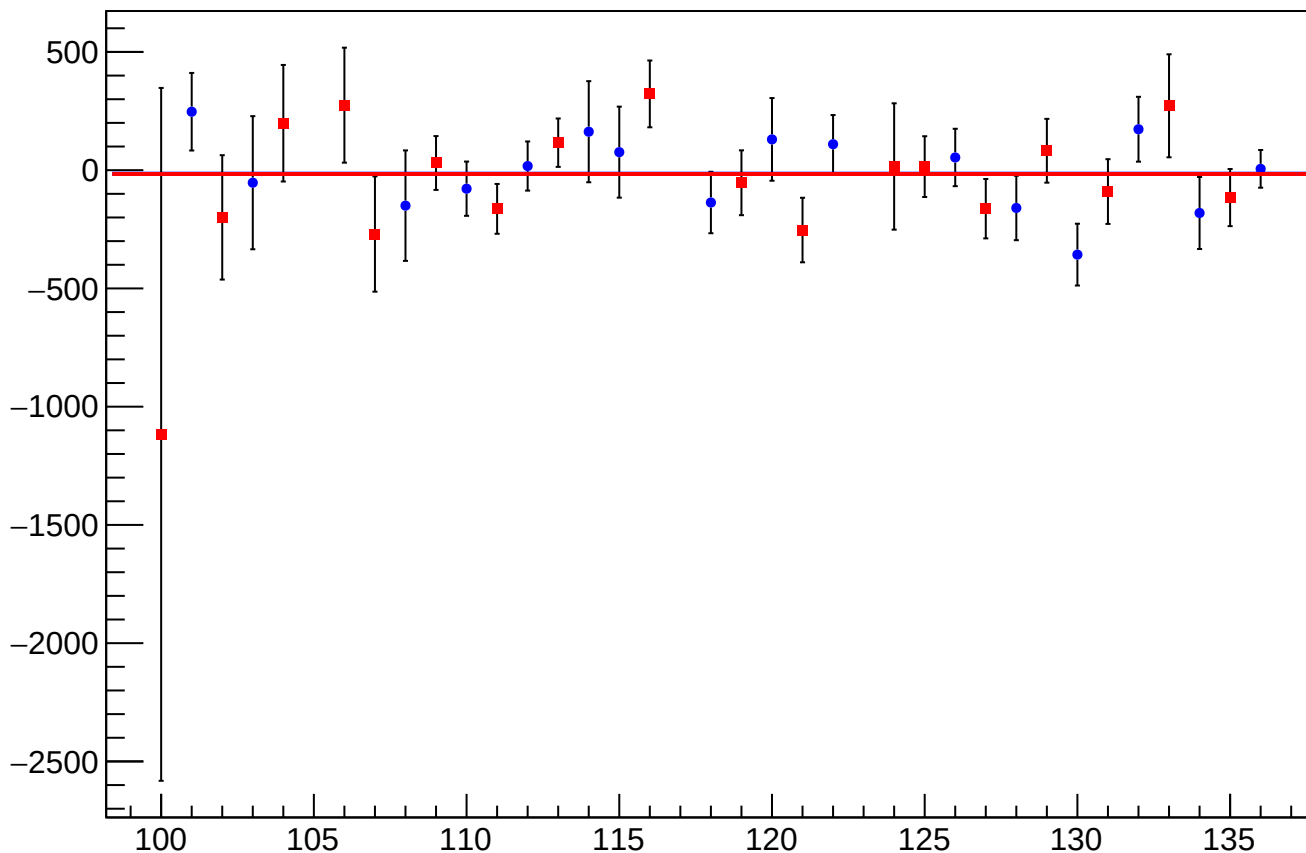
Right: 954.138+/-0.183 χ^2/NDF : 1485225.2/33

In: 952.551+/-0.259 χ^2/NDF : 746346.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.138+/-0.183 χ^2/NDF : 1485225.2/33

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: -16.157 ± 34.897 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

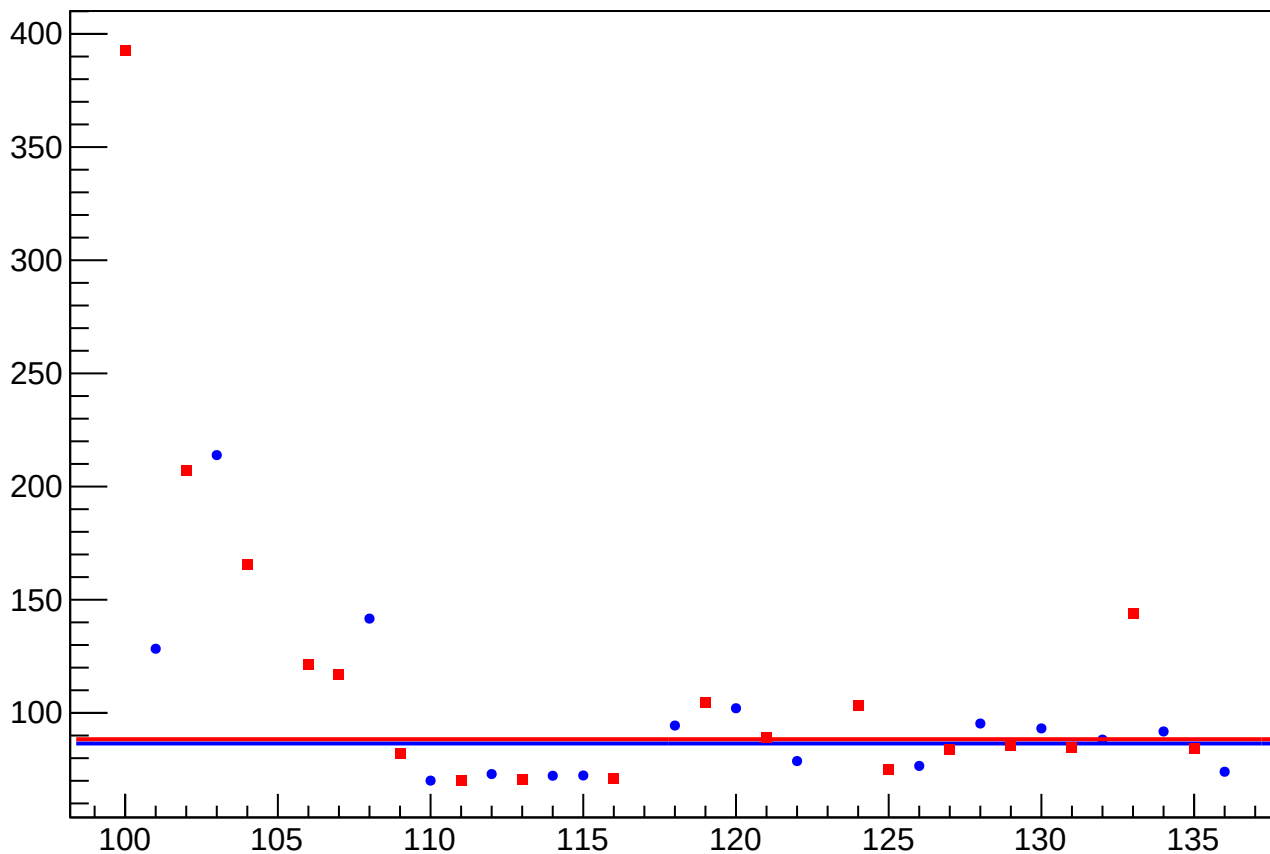
Right: -15.535 ± 24.264 χ^2/NDF : 39.9/33

In: -14.954 ± 33.761 χ^2/NDF : 18.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.535 ± 24.264 χ^2/NDF : 39.9/33

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: 88.373+/-0.025 χ^2/NDF : 1106209.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

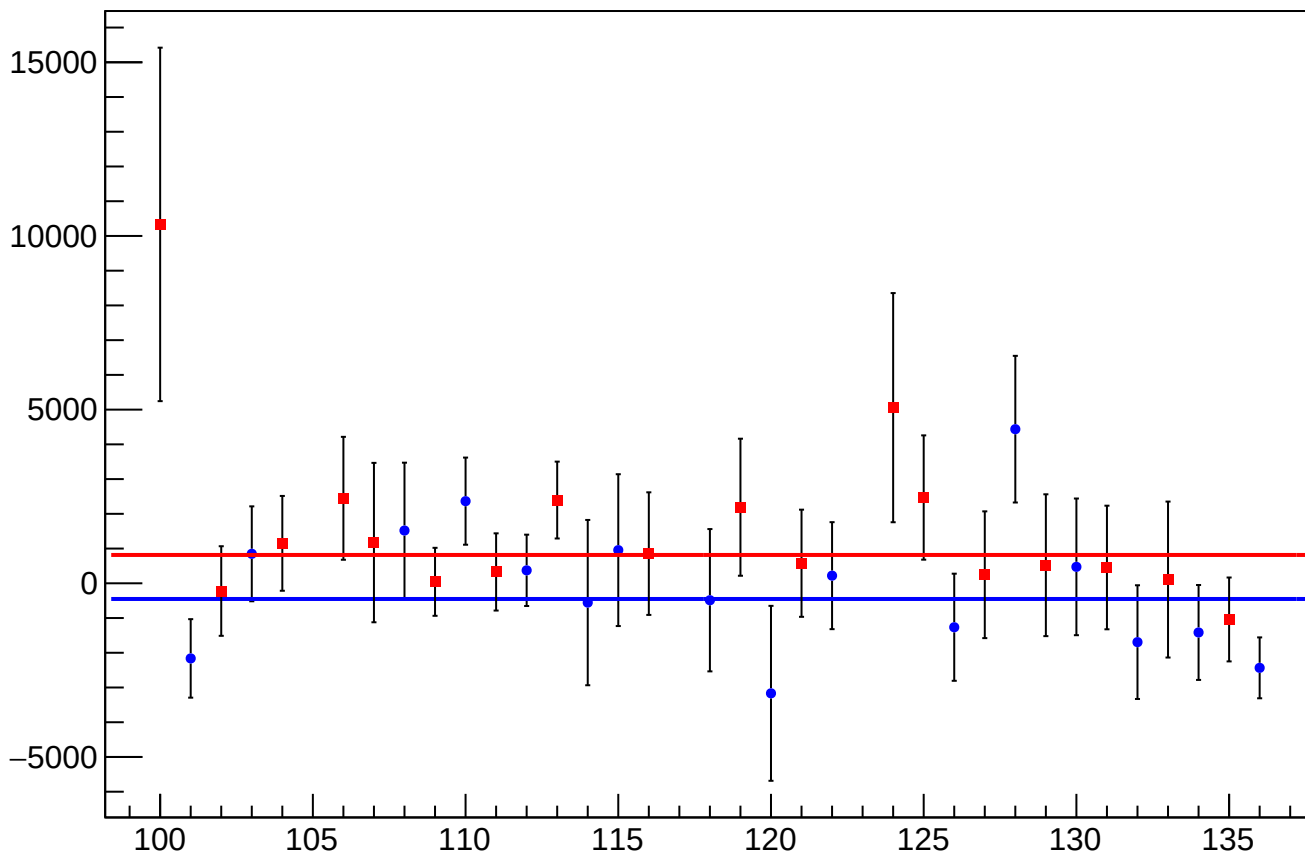
Right: 87.400+/-0.017 χ^2/NDF : 1965470.6/33

In: 86.489+/-0.024 χ^2/NDF :856249.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 87.400+/-0.017 χ^2/NDF : 1965470.6/33

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: 816.030+/-365.169 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

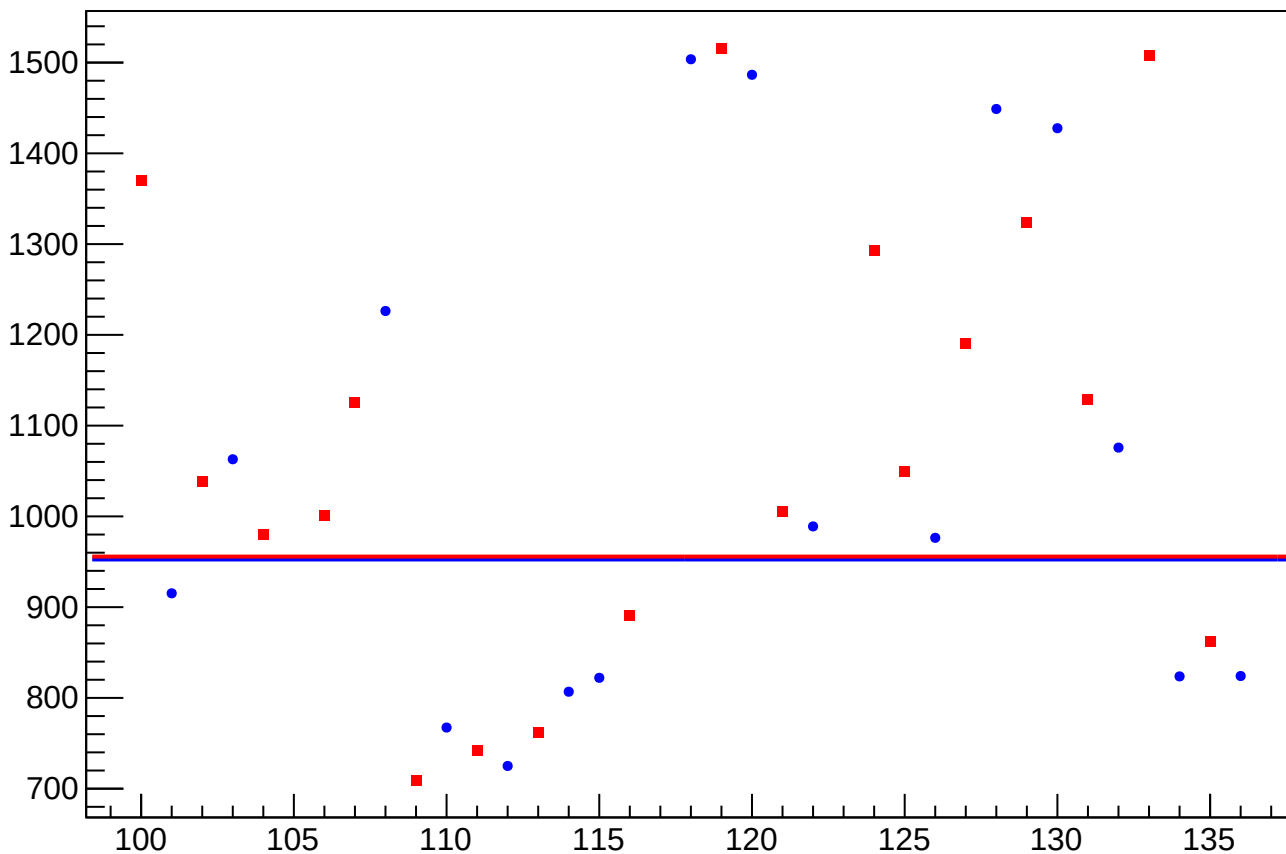
Right: 183.081+/-258.367 χ^2/NDF : 43.3/33

In: -451.378+/-365.605 χ^2/NDF : 23.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.081+/-258.367 χ^2/NDF : 43.3/33

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: 955.720+/-0.258 χ^2/NDF : 738802.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

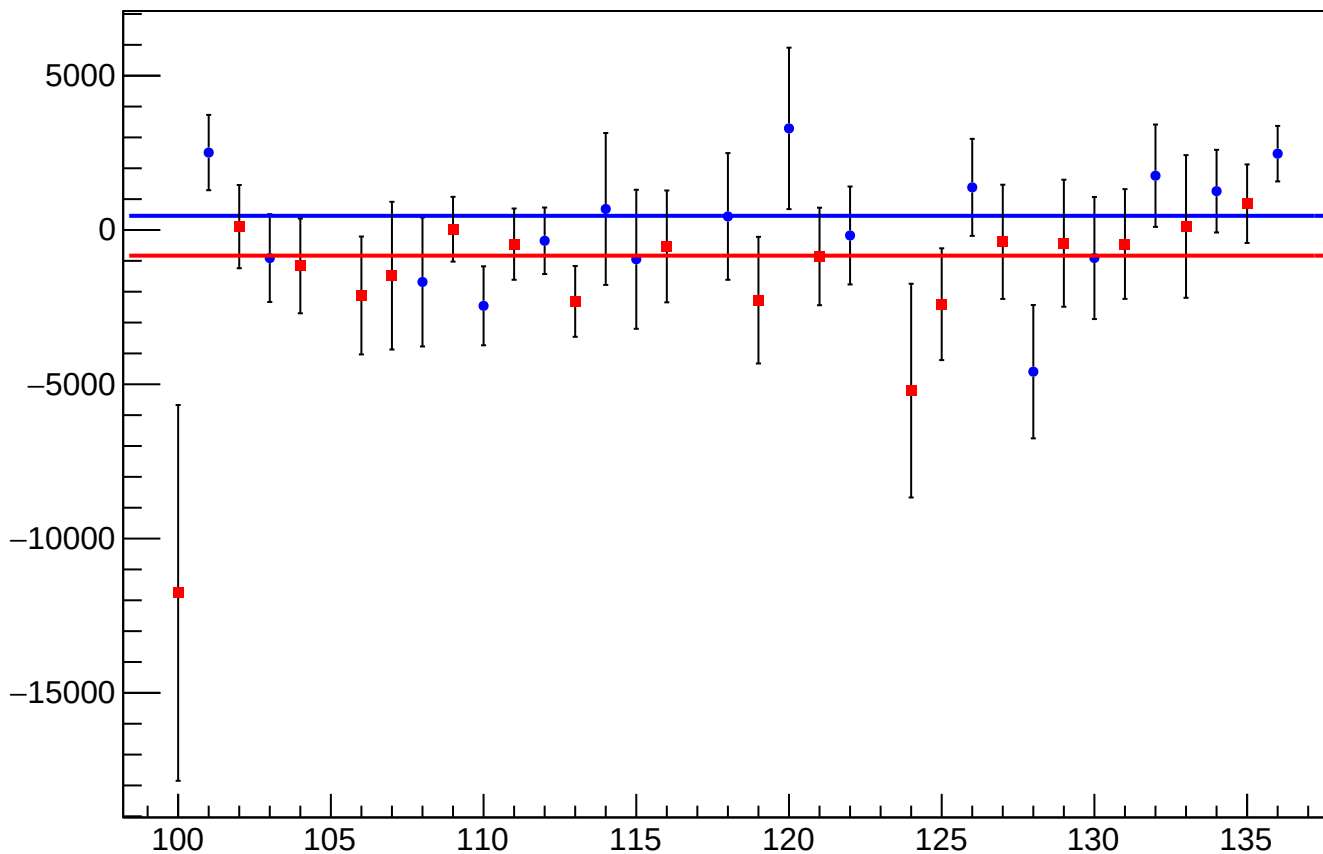
Right: 954.136+/-0.183 χ^2/NDF : 1485227.8/33

In: 952.549+/-0.259 χ^2/NDF : 746349.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 954.136+/-0.183 χ^2/NDF : 1485227.8/33

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: -831.415+/-382.184 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

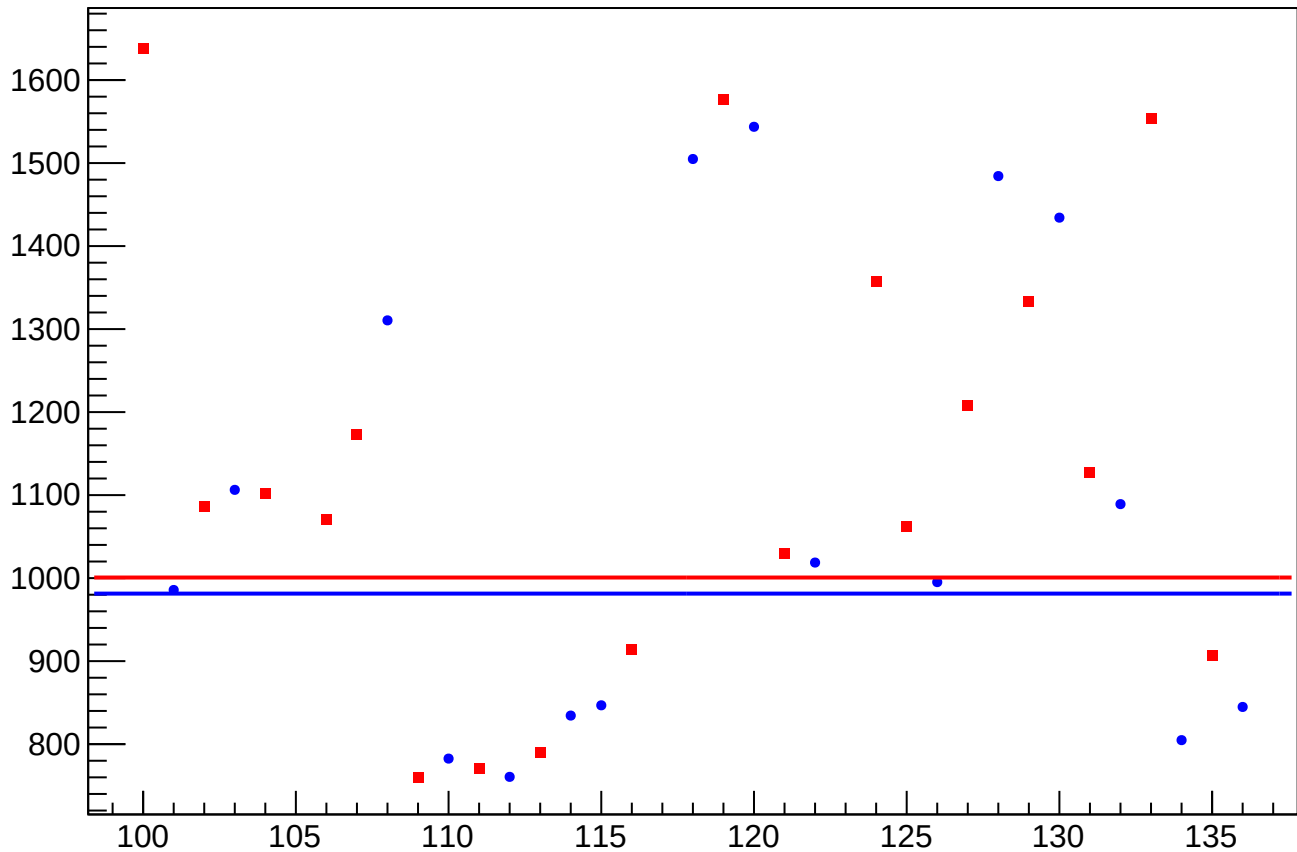
Right: -177.110+/-268.348 χ^2/NDF : 42.0/33

In: 459.137+/-376.873 χ^2/NDF : 24.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -177.110+/-268.348 χ^2/NDF : 42.0/33

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: 1000.724+/-0.270 χ^2/NDF : 703295.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

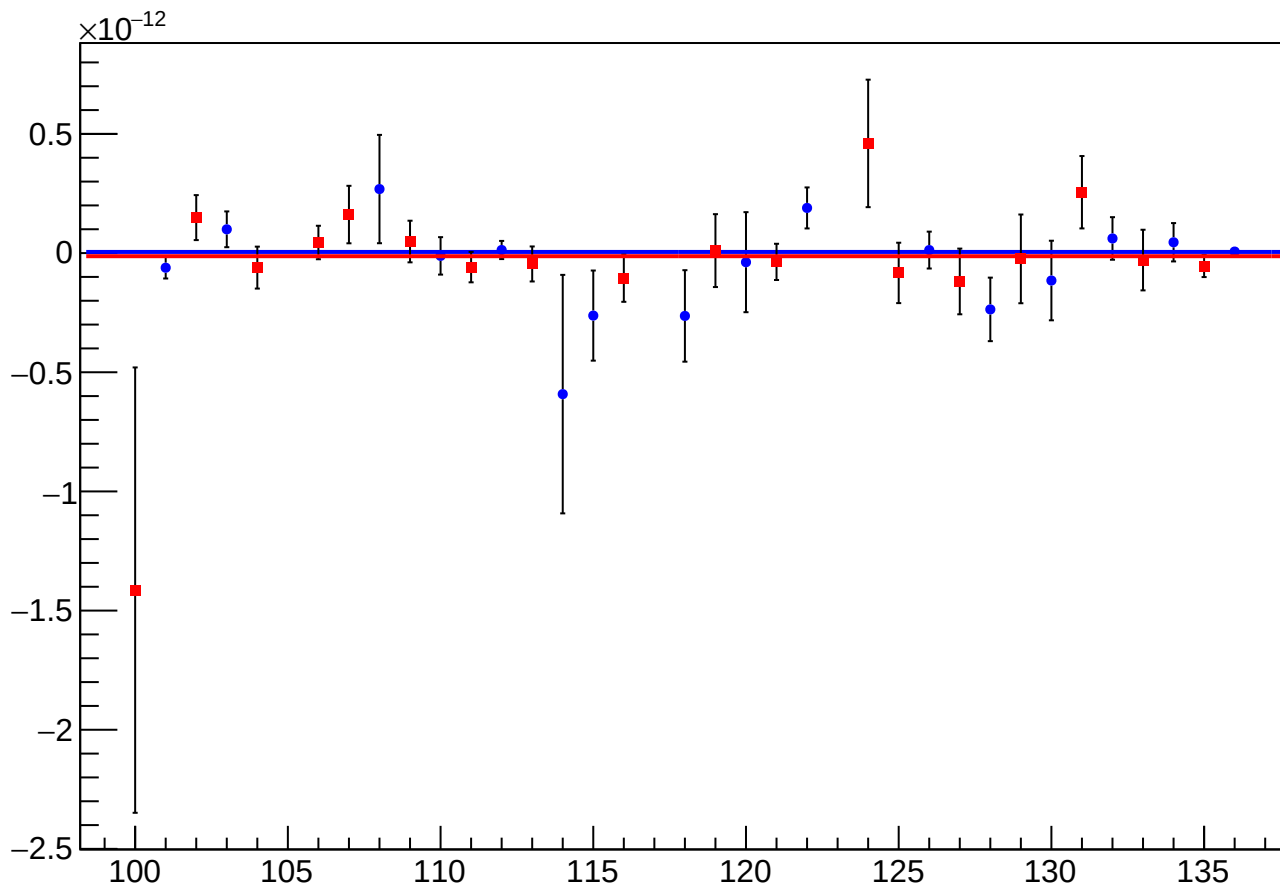
Right: 990.901+/-0.190 χ^2/NDF : 1443528.7/33

In: 981.349+/-0.266 χ^2/NDF : 737627.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 990.901+/-0.190 χ^2/NDF : 1443528.7/33

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 : 18.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

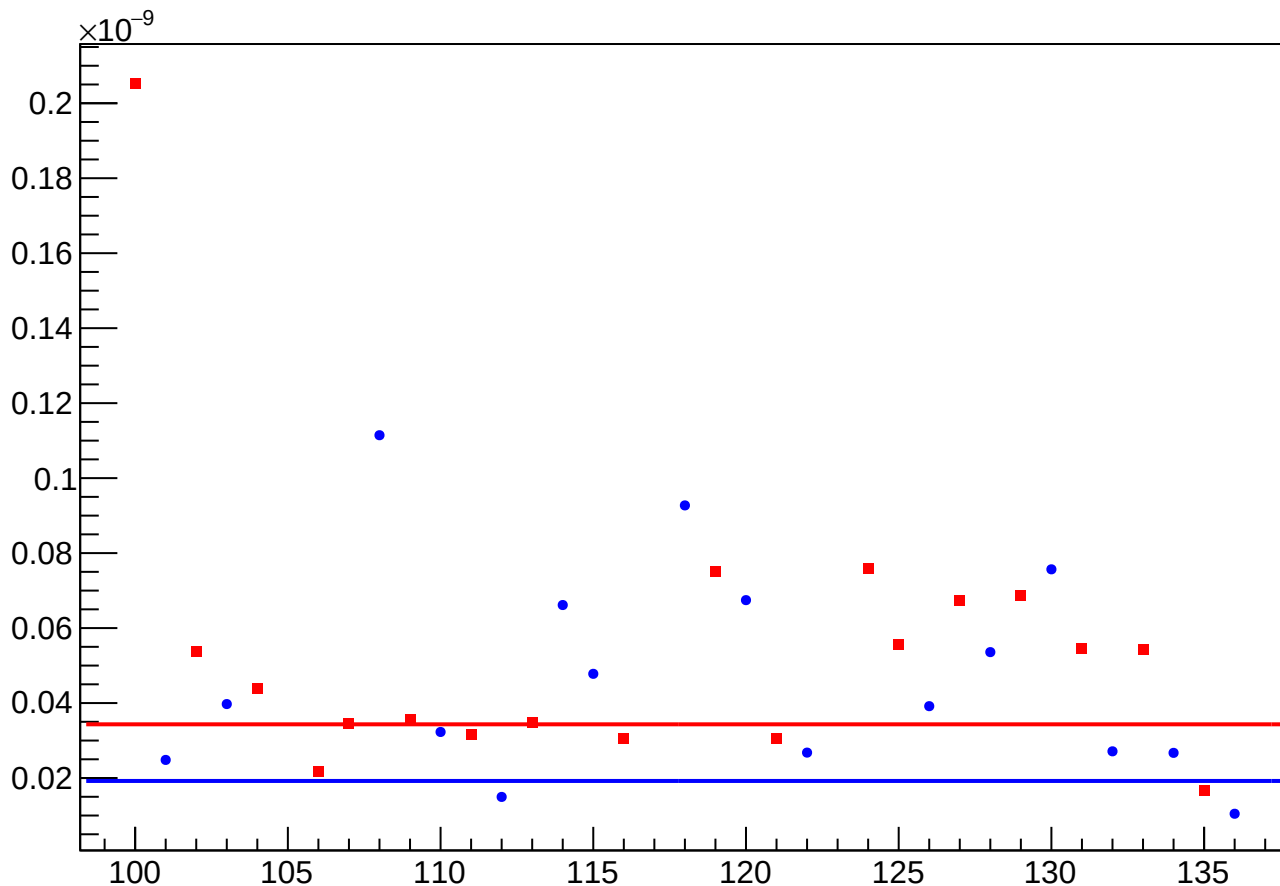
Right: -0.000+/-0.000 χ^2/NDF : 38.6/33

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 : 38.6/33

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 : 1053722.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

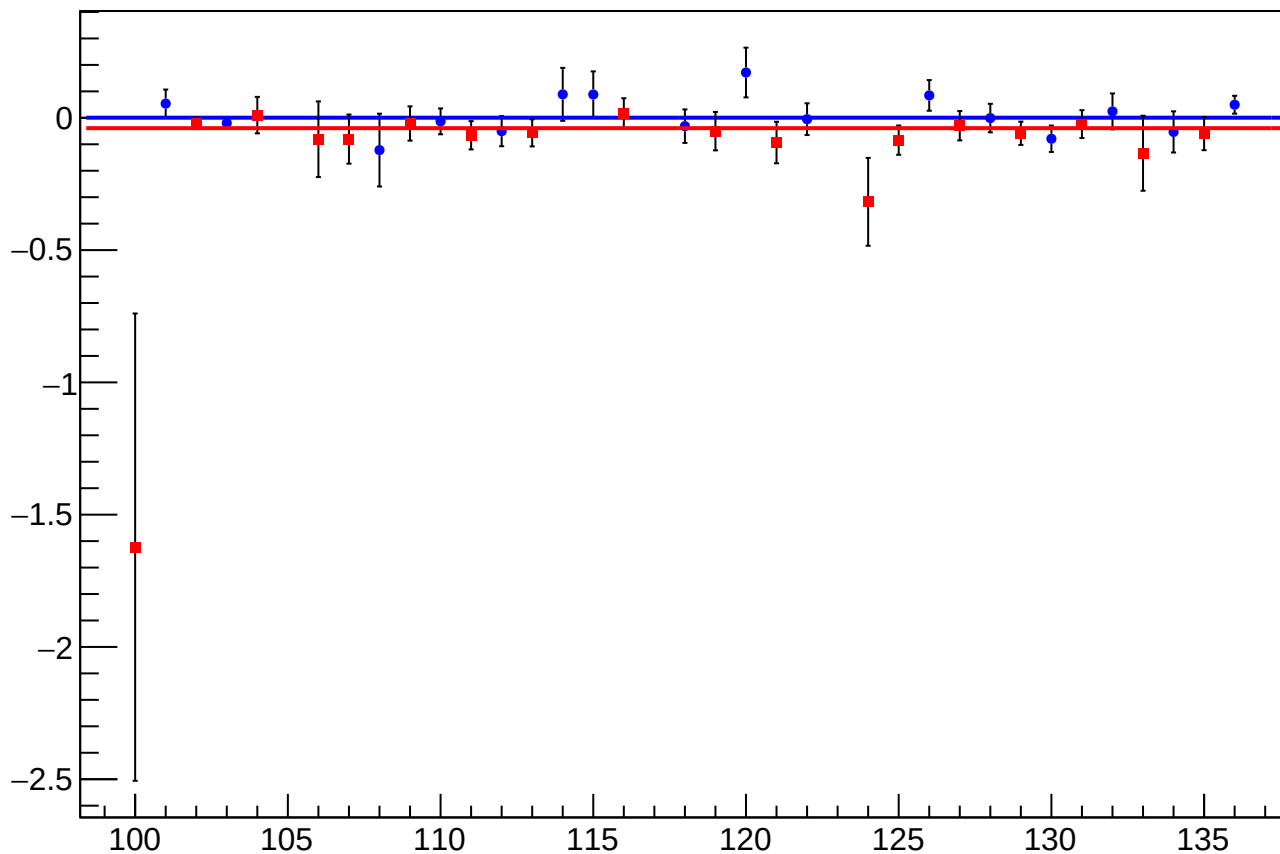
Right: 0.000+/-0.000 χ^2/NDF : 3703772.8/33

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 : 3703772.8/33

asym_sam_37_avg_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: 11.1/17

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

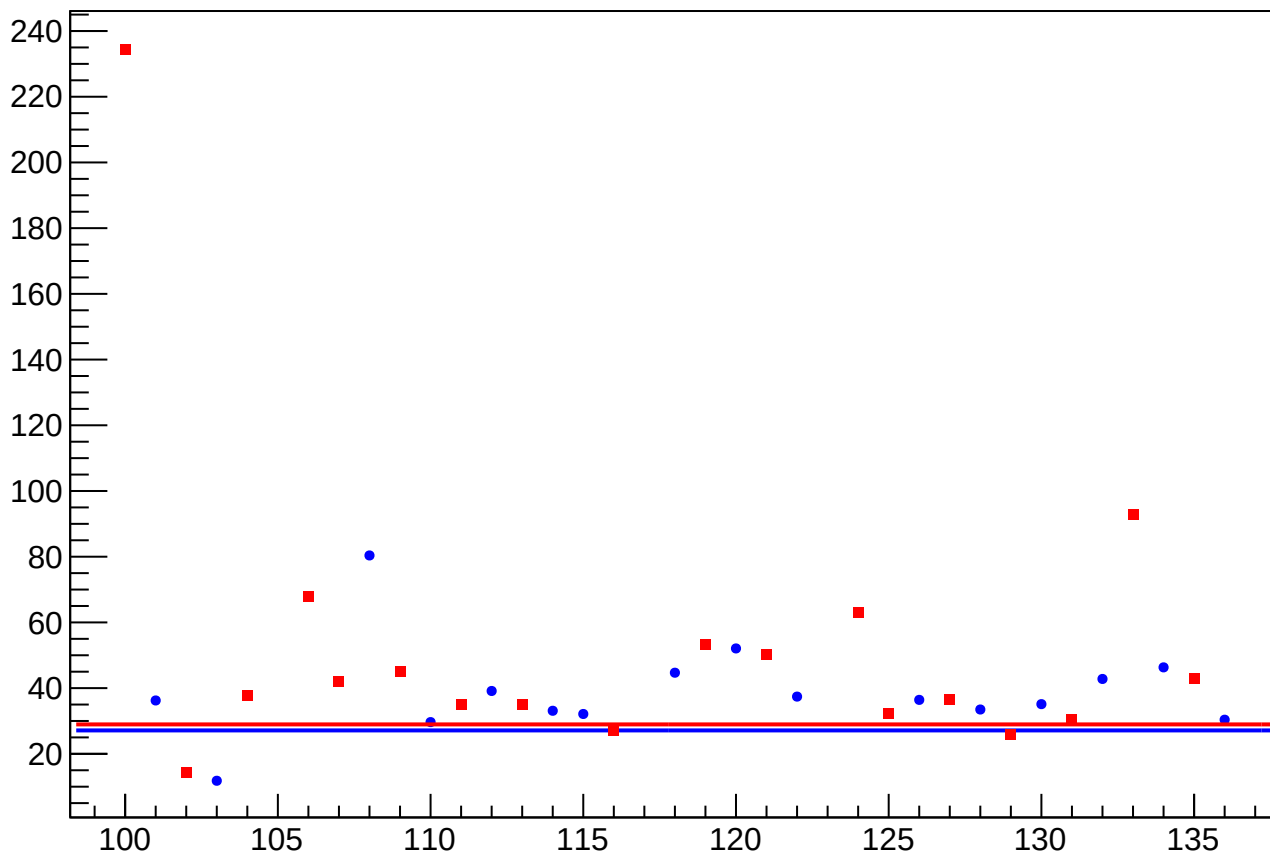
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/33

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: 32.6/33

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: 28.957+/-0.009 χ^2/NDF : 2456084.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

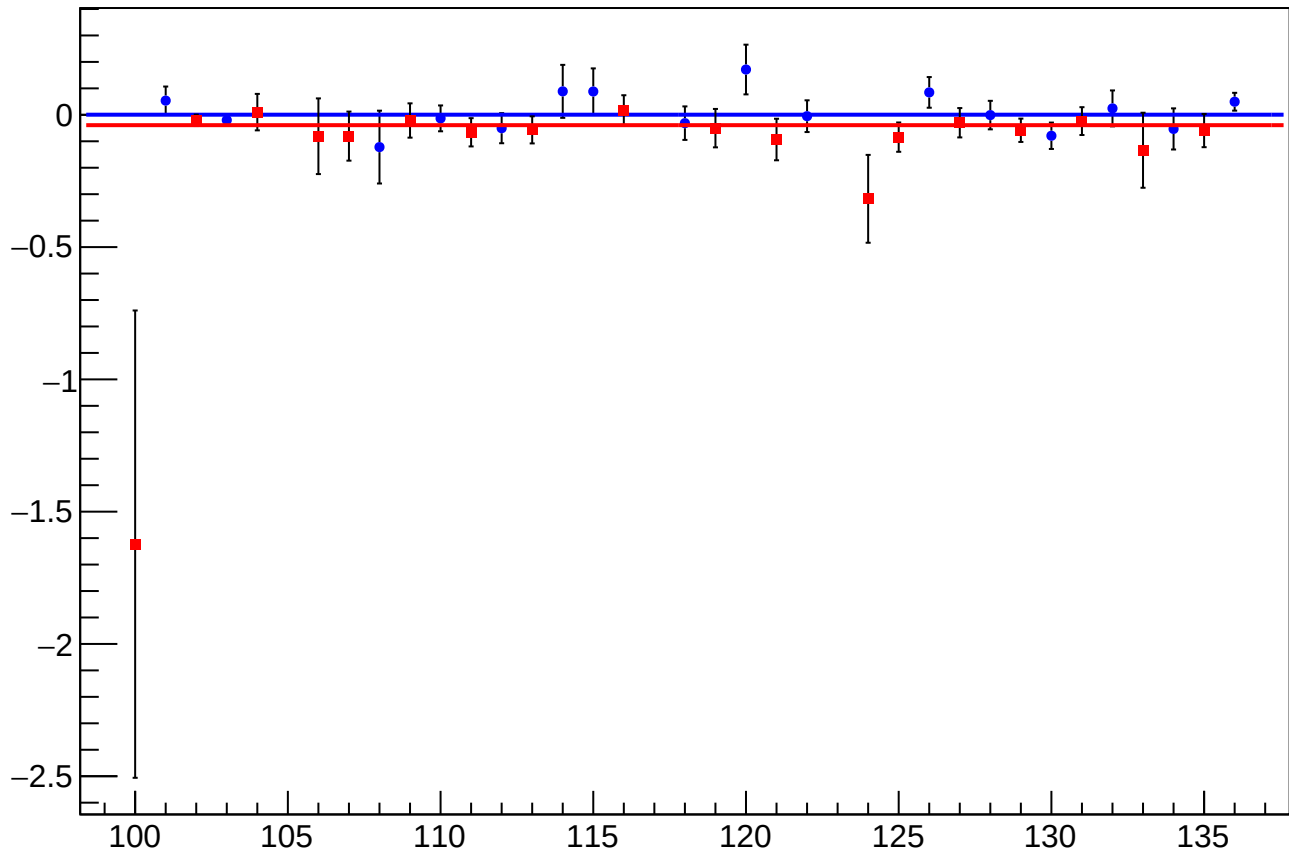
Right: 27.981+/-0.006 χ^2/NDF : 4892943.7/33

In: 27.128+/-0.009 χ^2/NDF : 2415316.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.981+/-0.006 χ^2/NDF : 4892943.7/33

asym_sam_37_avg_dit_vs_eigen_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 : 11.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

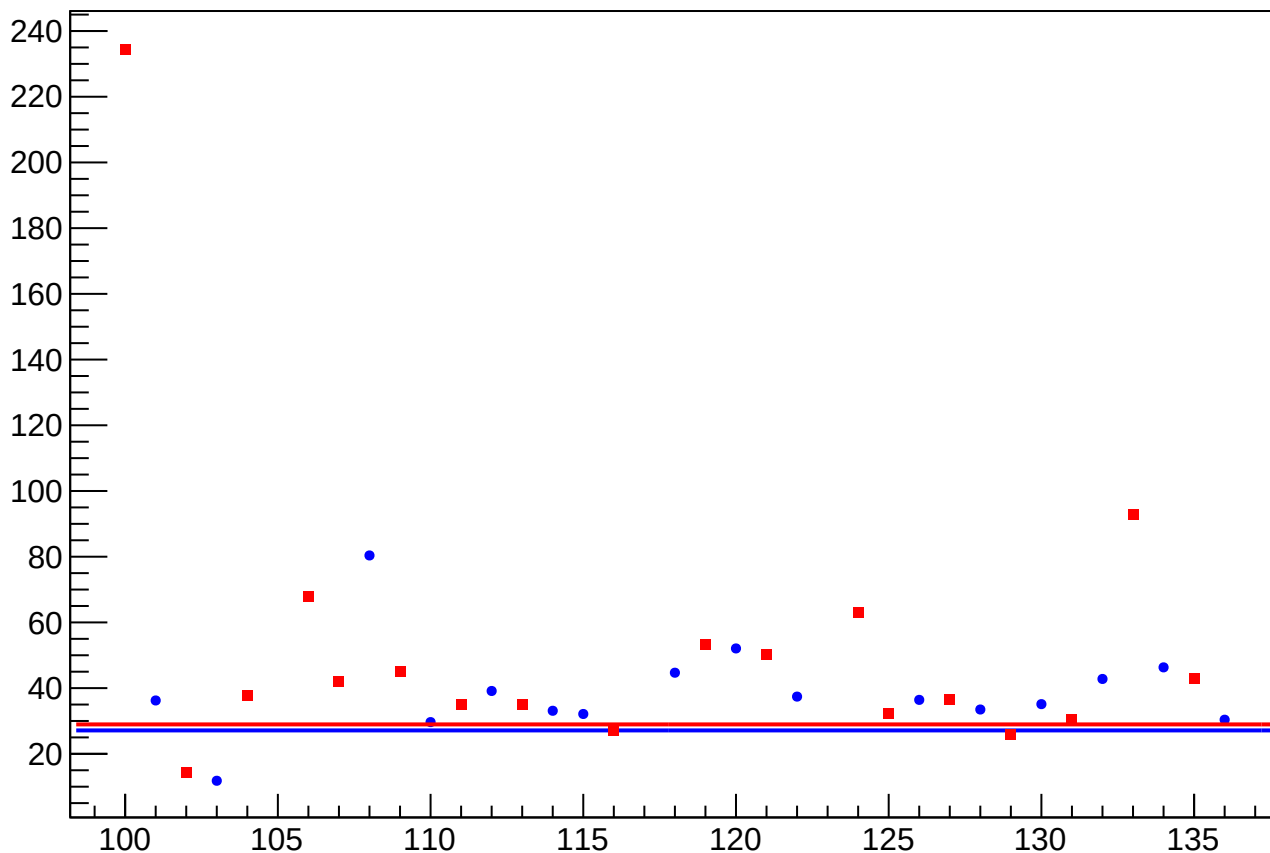
Right: -0.018+/-0.009 χ^2/NDF : 32.6/33

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 : 32.6/33

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: 28.957+/-0.009 χ^2/NDF : 2456084.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

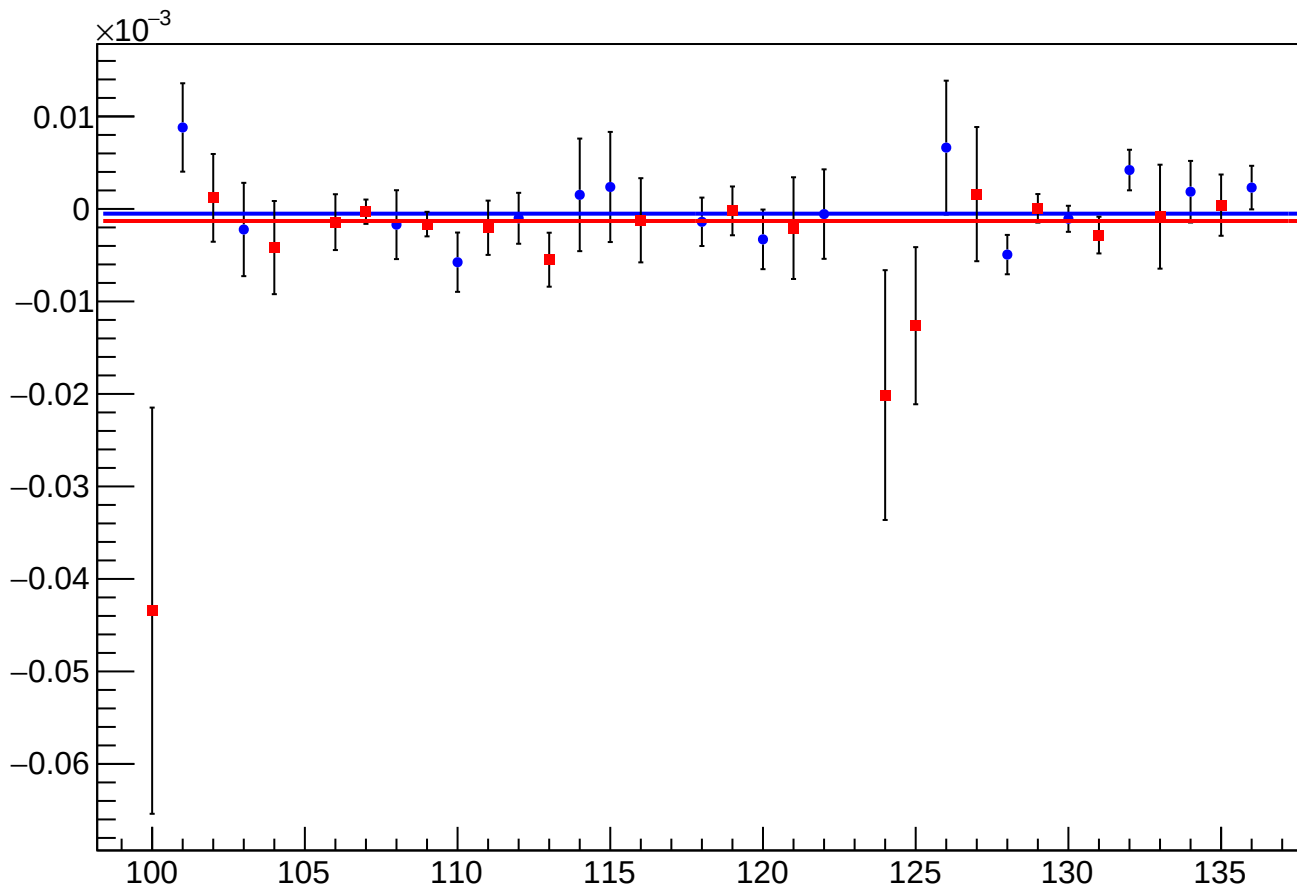
Right: 27.981+/-0.006 χ^2/NDF : 4892943.7/33

In: 27.128+/-0.009 χ^2/NDF : 2415316.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.981+/-0.006 χ^2/NDF : 4892943.7/33

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: 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

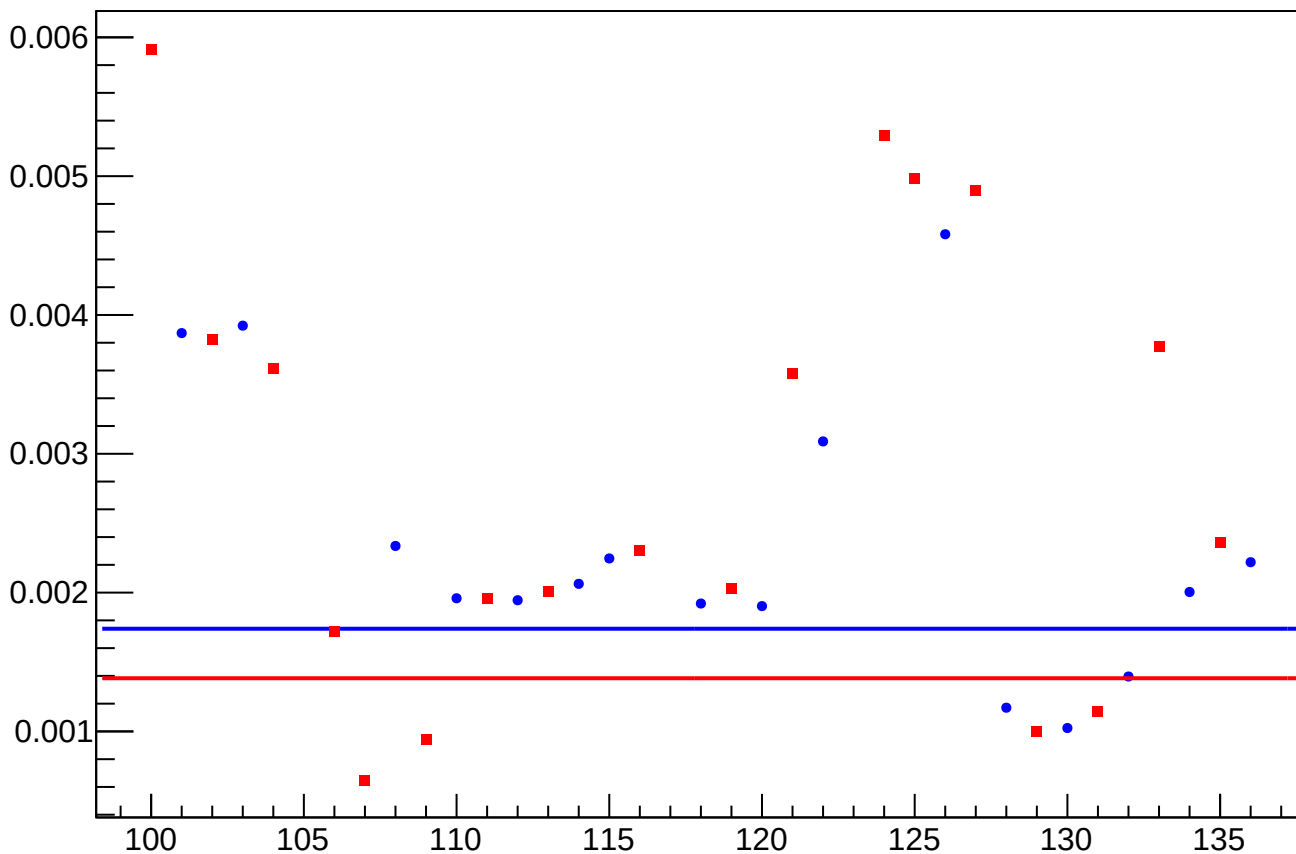
Right: -0.000+/-0.000 χ^2 /NDF: 33.4/33

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: 33.4/33

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 : 4255863.0/17

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 : 6687557.2/33

In: 0.002+/-0.000

χ^2/NDF : 2146798.7/15

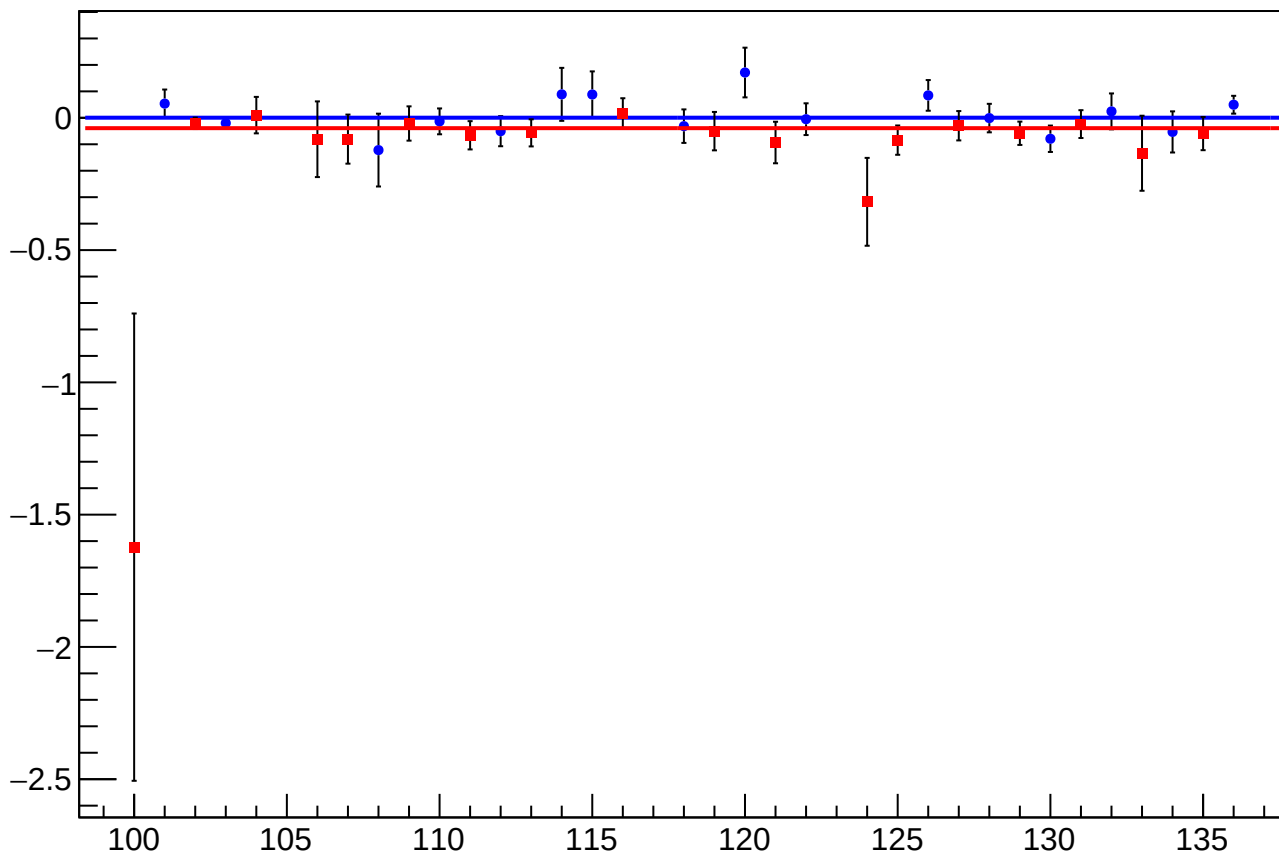
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 6687557.2/33

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: 11.1/17

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

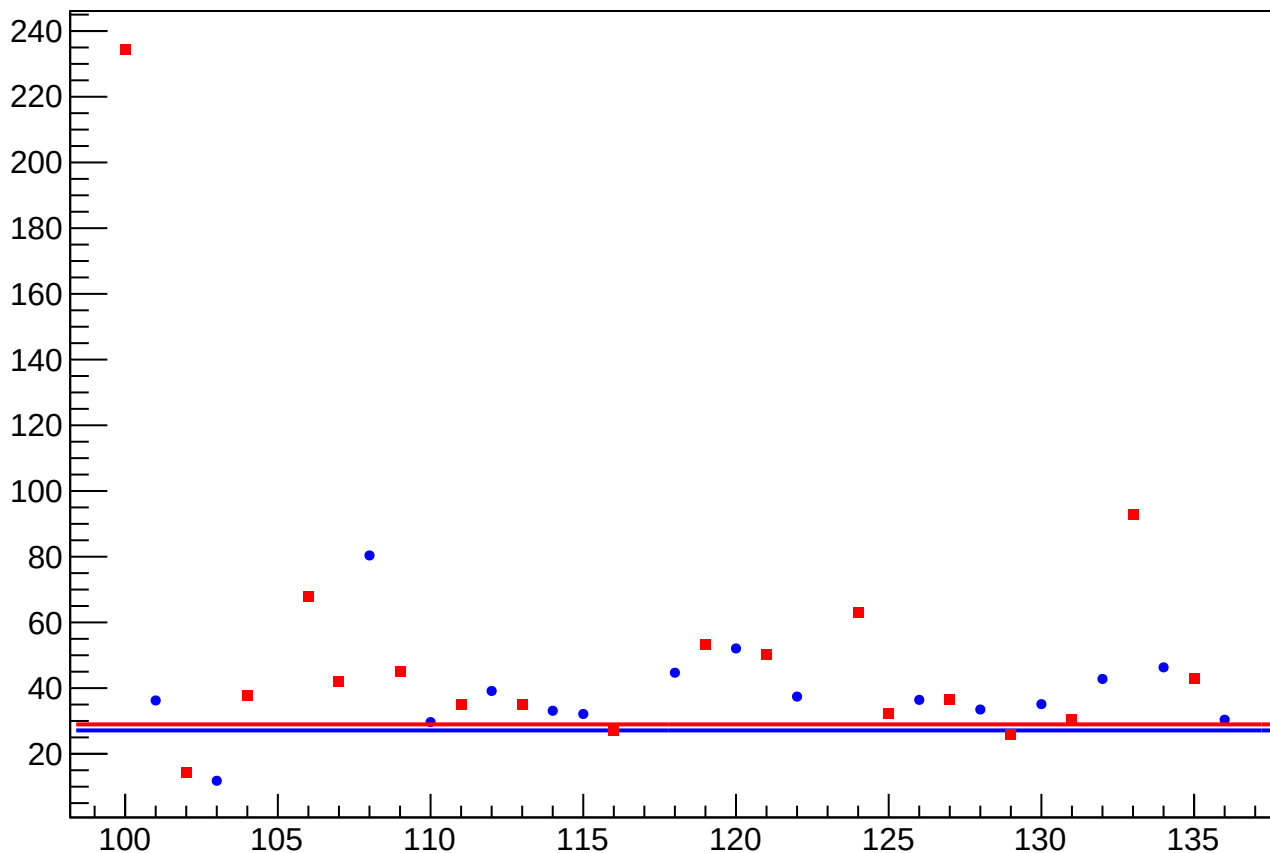
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/33

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: 32.6/33

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: 28.959+/-0.009 χ^2/NDF : 2455491.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

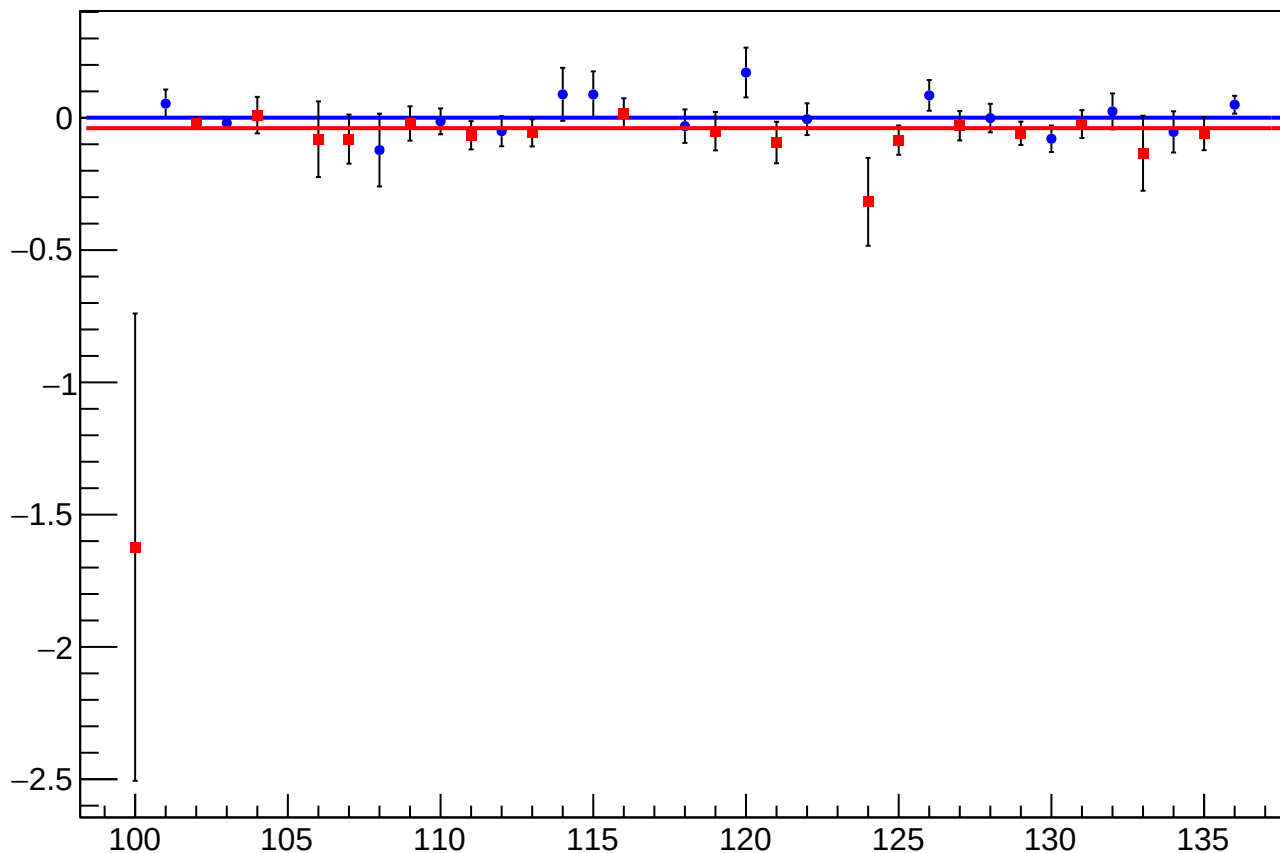
Right: 27.982+/-0.006 χ^2/NDF : 4892769.1/33

In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.982+/-0.006 χ^2/NDF : 4892769.1/33

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: 11.1/17

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

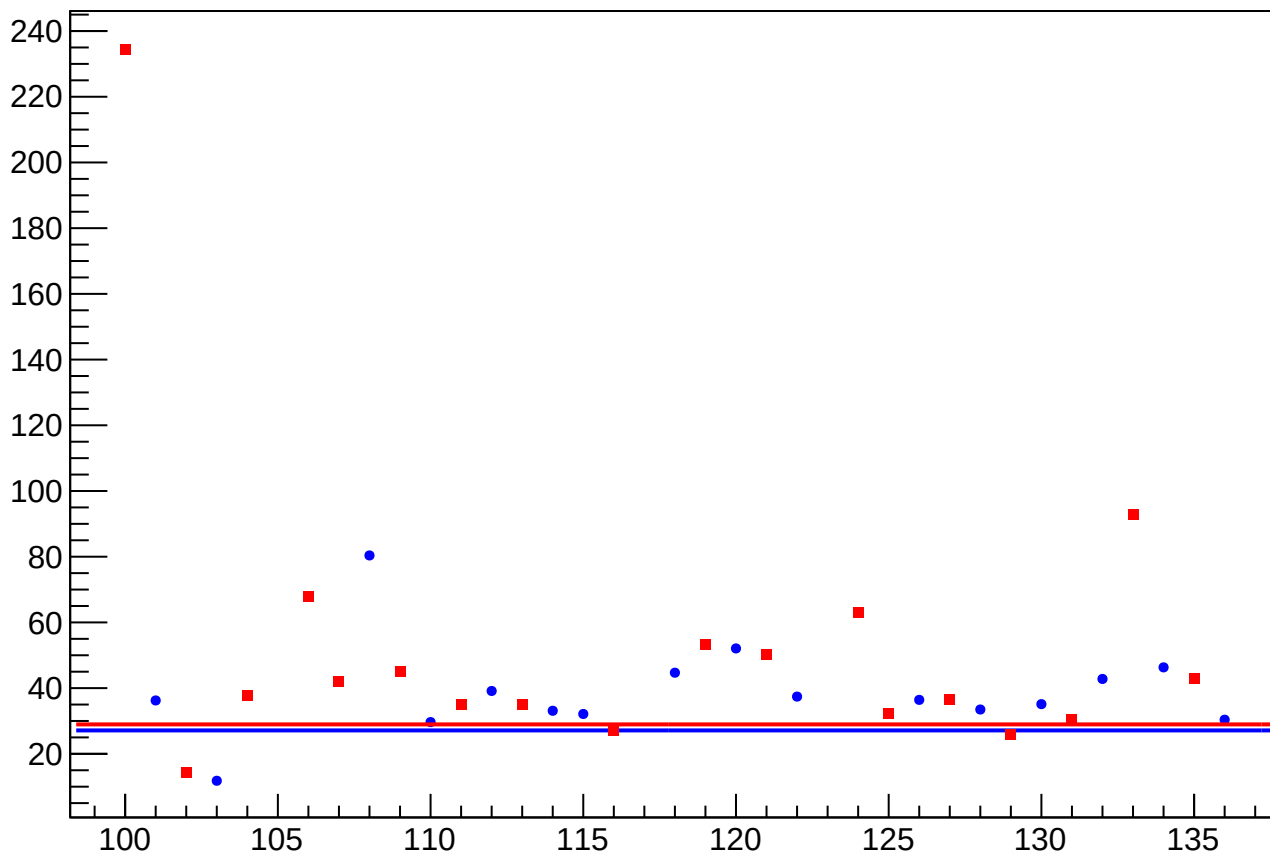
Right: -0.018 $\pm$ 0.009 χ^2 /NDF: 32.6/33

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: 32.6/33

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: 28.959+/-0.009 χ^2/NDF : 2455491.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

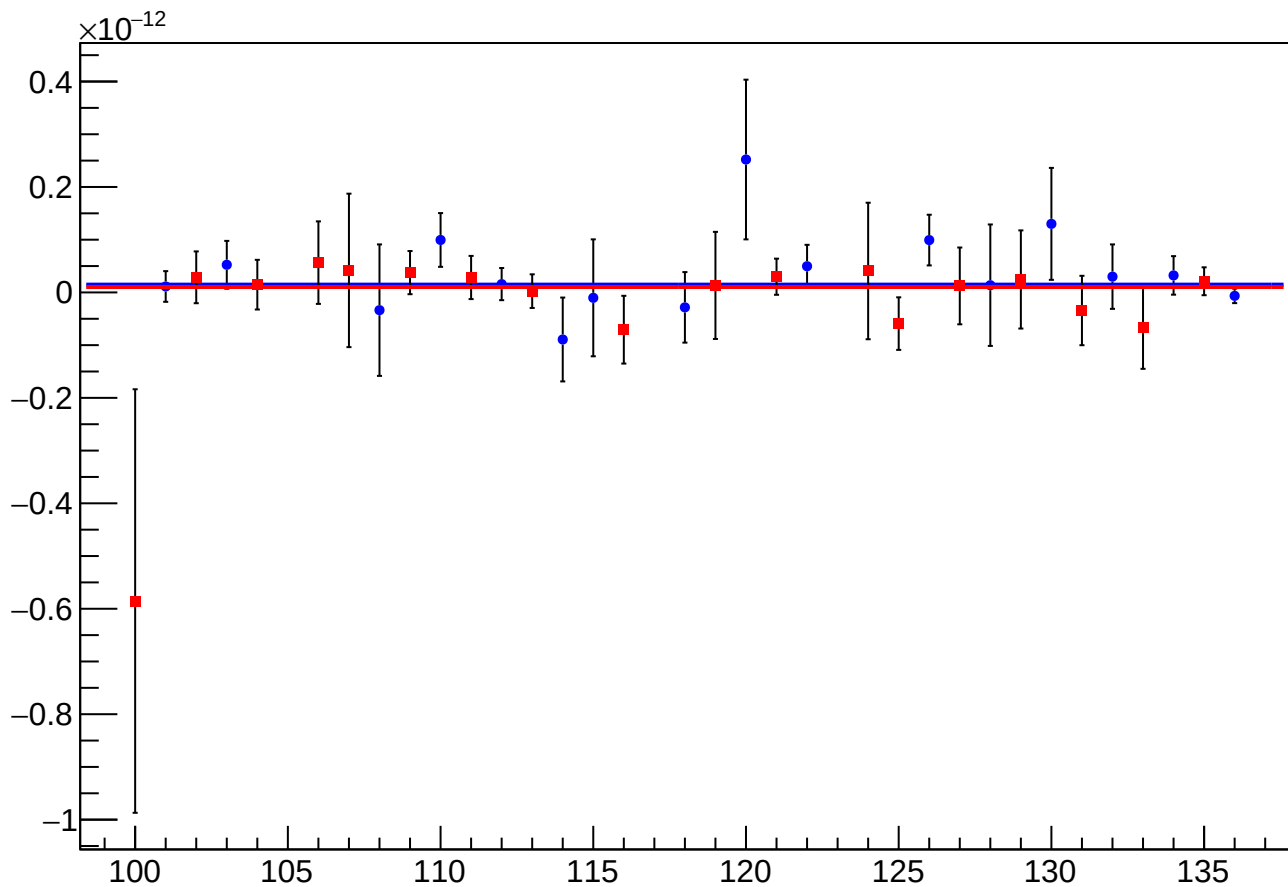
Right: 27.982+/-0.006 χ^2/NDF : 4892769.1/33

In: 27.127+/-0.009 χ^2/NDF : 2415651.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.982+/-0.006 χ^2/NDF : 4892769.1/33

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 : 9.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

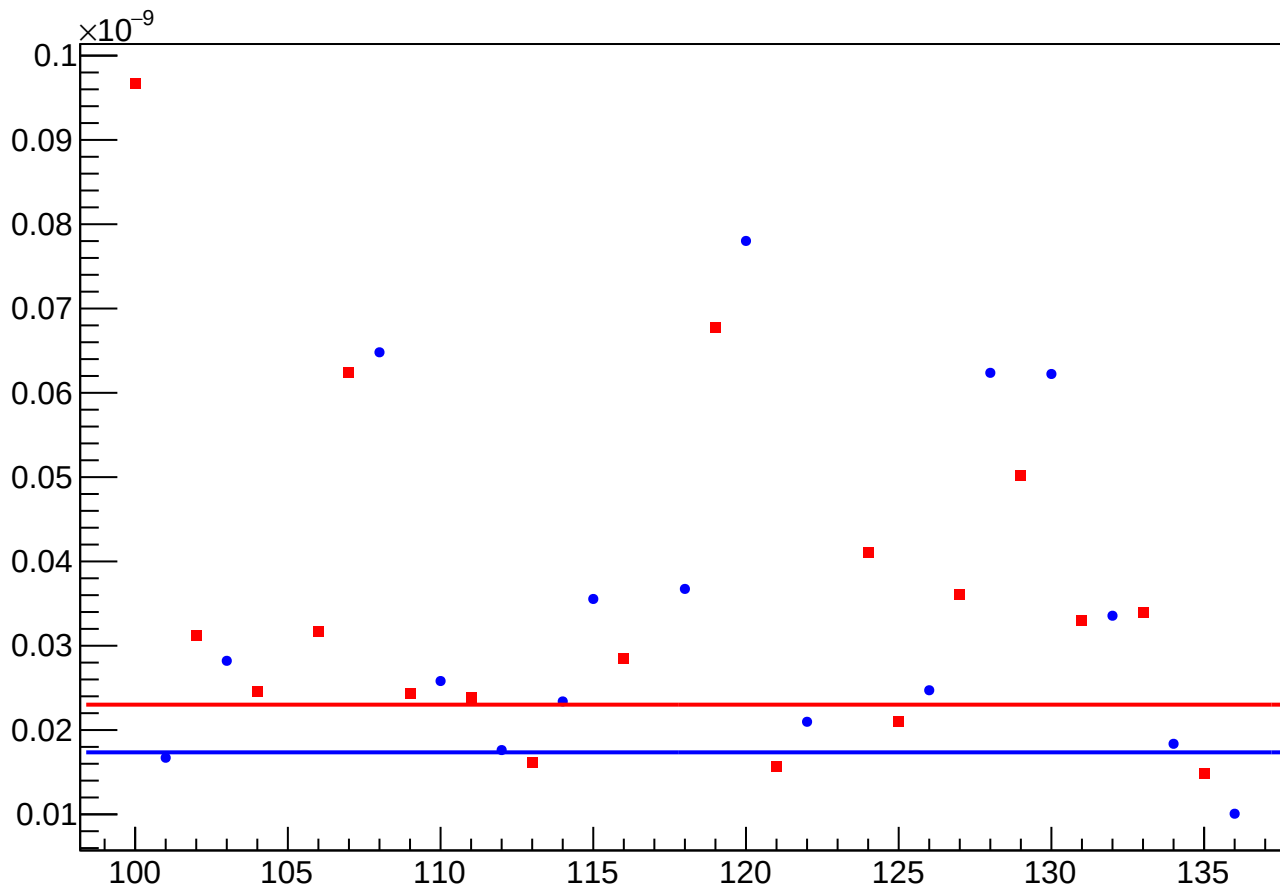
Right: 0.000+/-0.000 χ^2/NDF : 25.0/33

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 : 25.0/33

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 : 1442326.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

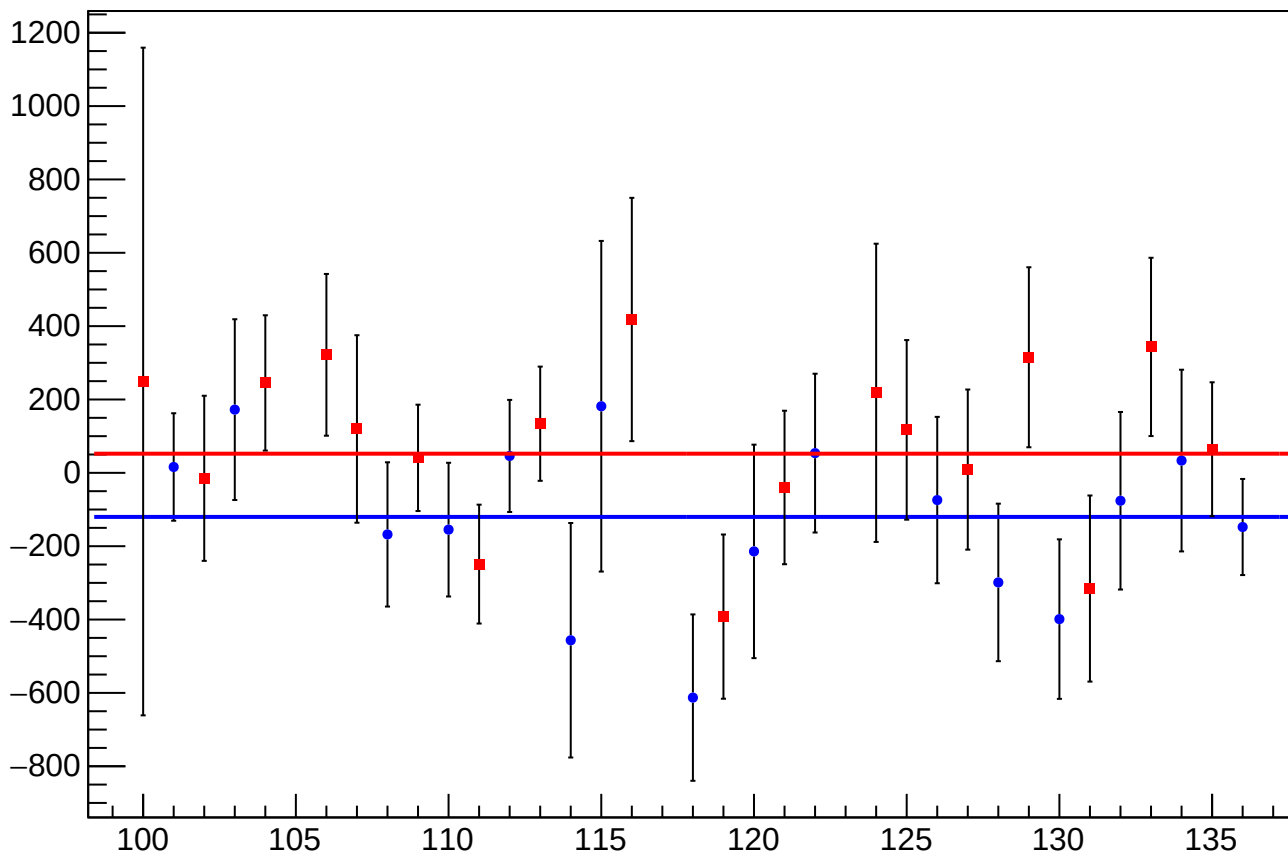
Right: 0.000+/-0.000 χ^2/NDF : 4160797.7/33

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 : 4160797.7/33

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: 52.243+/-50.783 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

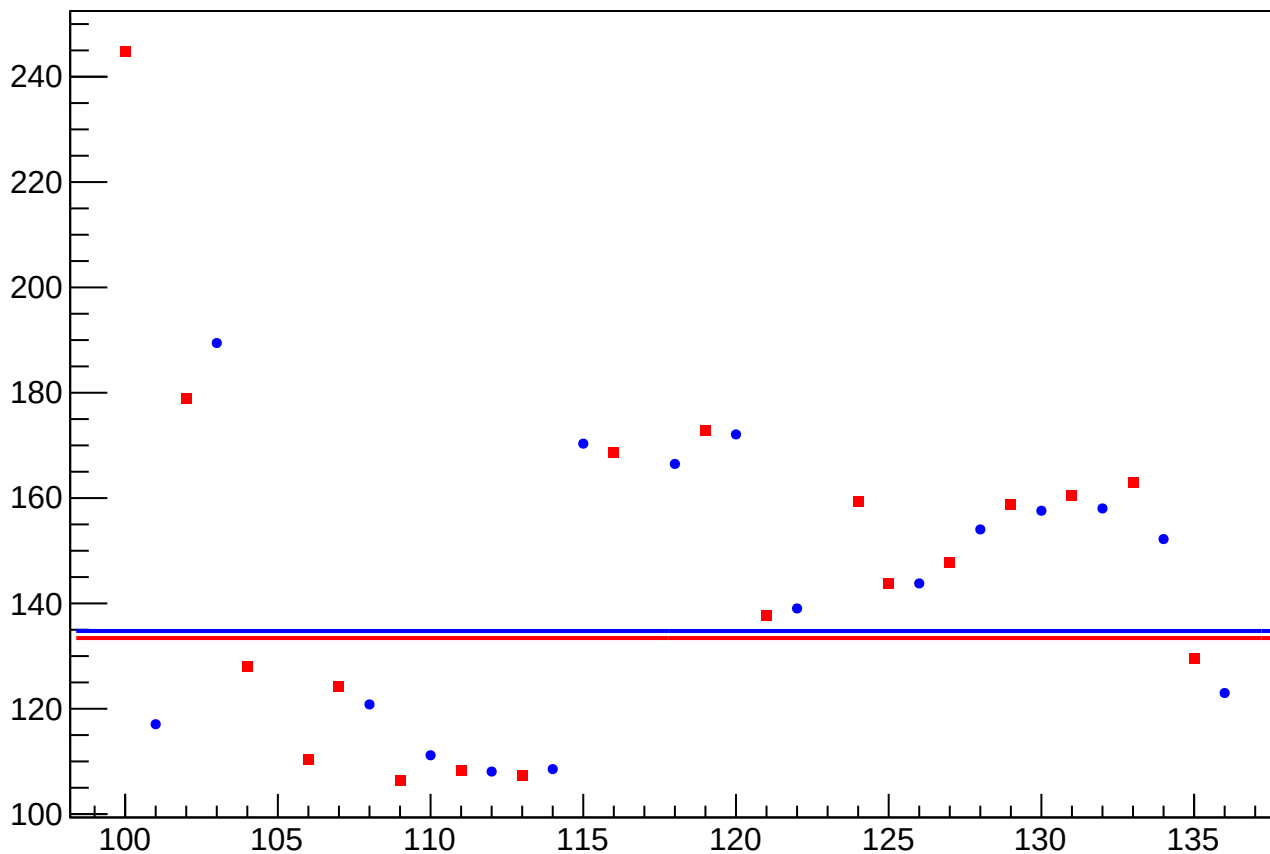
Right: -33.416+/-36.022 χ^2/NDF : 36.0/33

In: -120.159+/-51.103 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.416+/-36.022 χ^2/NDF : 36.0/33

reg_asym_sam_48_avg_rms vs Slug, Sign Corrected



Right In: 134.771+/-0.036 χ^2/NDF : 416778.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.423+/-0.036 χ^2/NDF : 492016.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

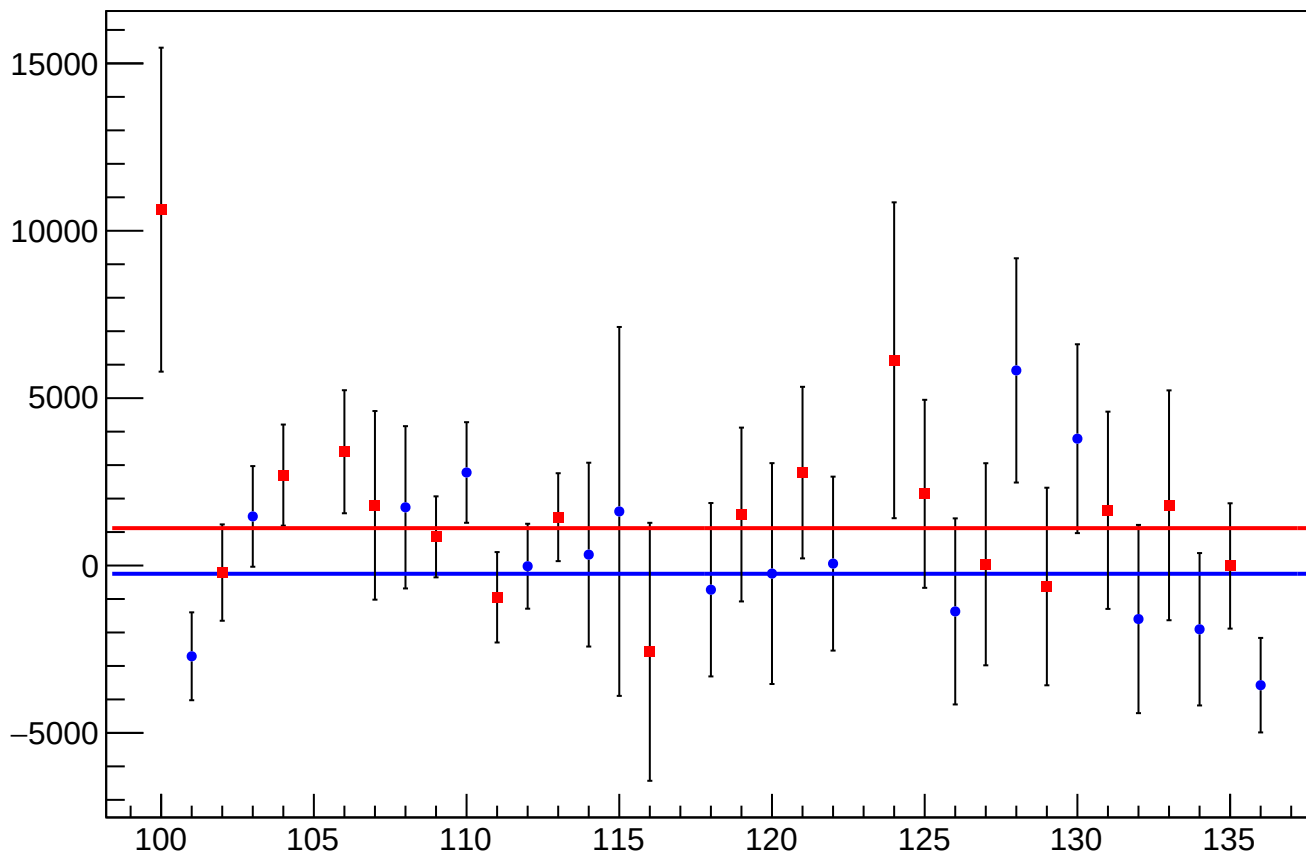
Right: 134.093+/-0.025 χ^2/NDF : 909495.3/33

In: 134.771+/-0.036 χ^2/NDF : 416778.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.093+/-0.025 χ^2/NDF : 909495.3/33

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: 1116.817+/-474.196 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

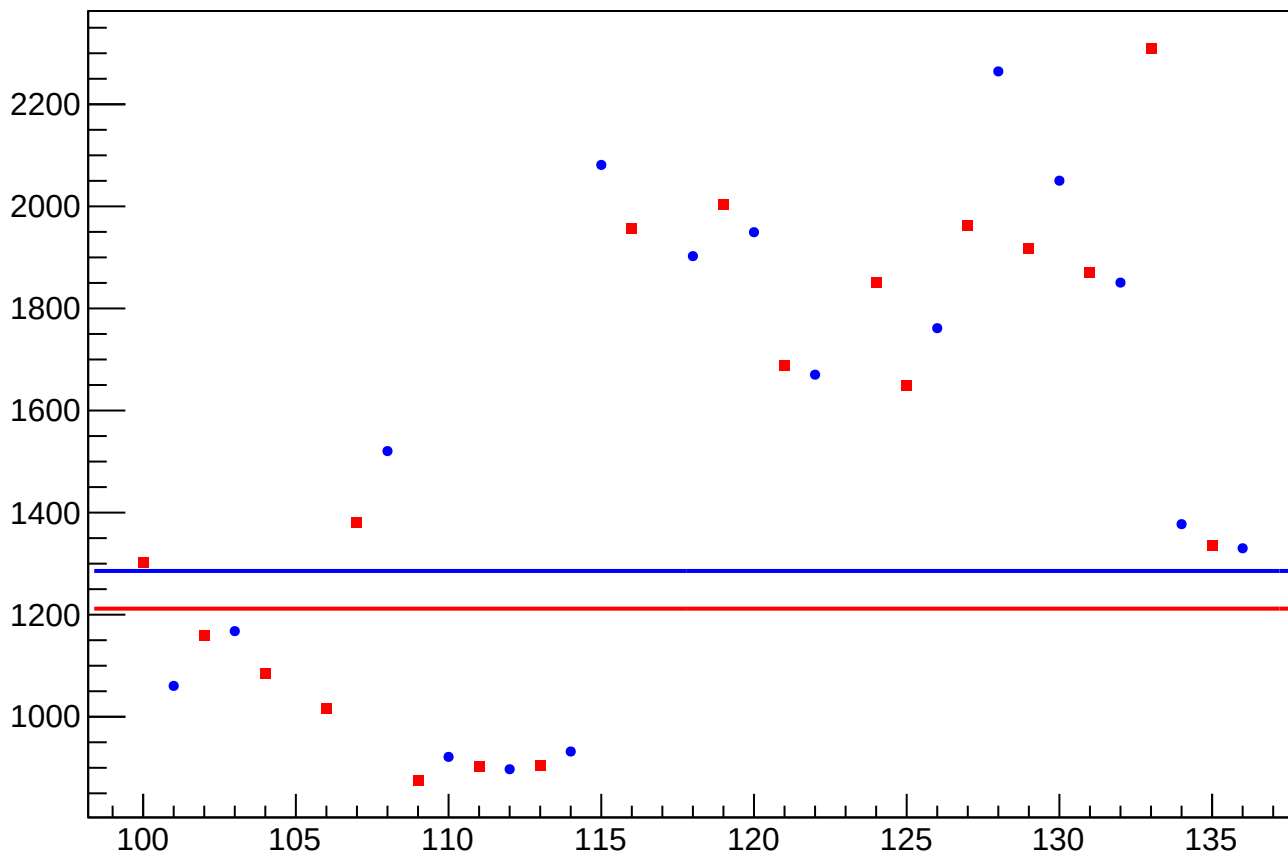
Right: 473.229+/-344.528 χ^2/NDF : 38.9/33

In: -246.357+/-501.413 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.229+/-344.528 χ^2/NDF : 38.9/33

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: 1211.846+/-0.335 χ^2/NDF : 1382081.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

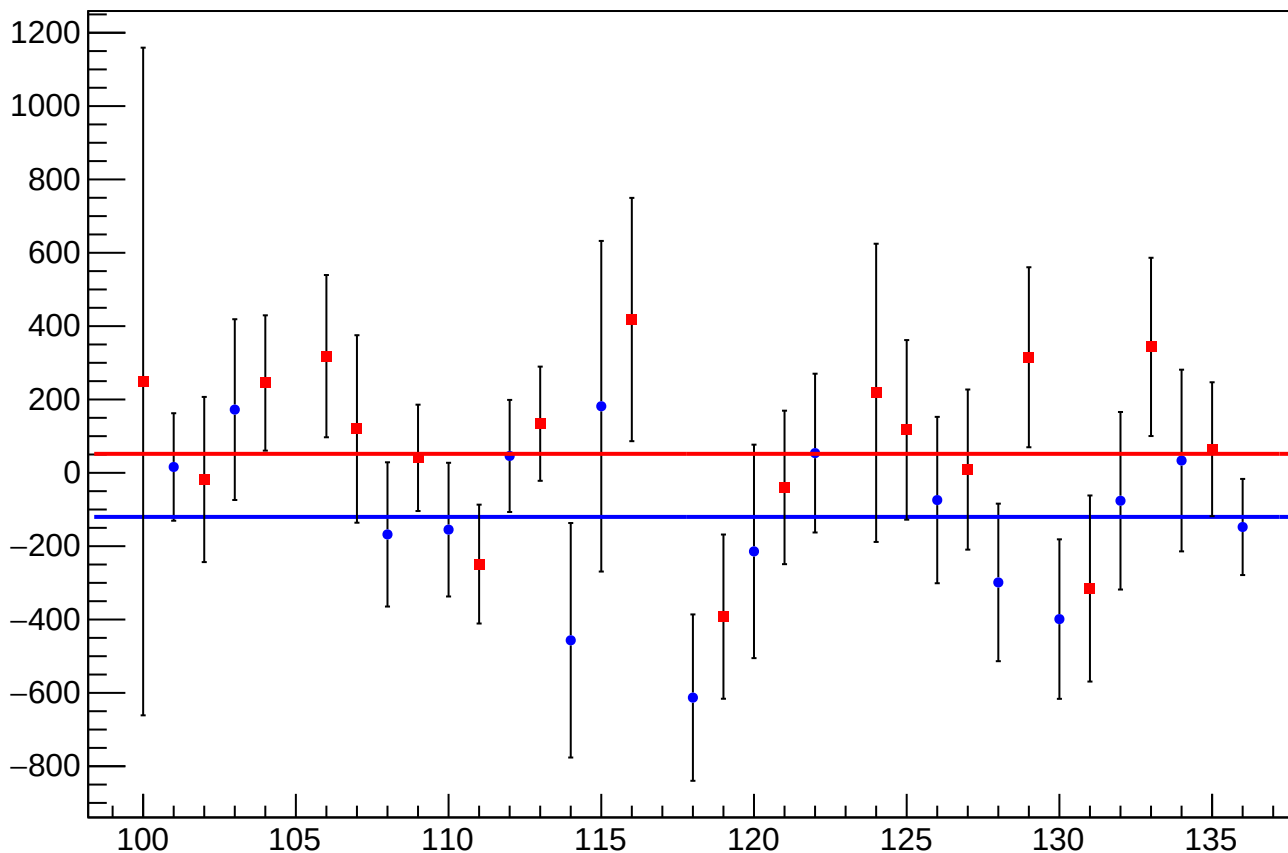
Right: 1246.699+/-0.244 χ^2/NDF : 2575403.7/33

In: 1285.668+/-0.355 χ^2/NDF : 1170437.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1246.699+/-0.244 χ^2/NDF : 2575403.7/33

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: 51.794+/-50.793 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

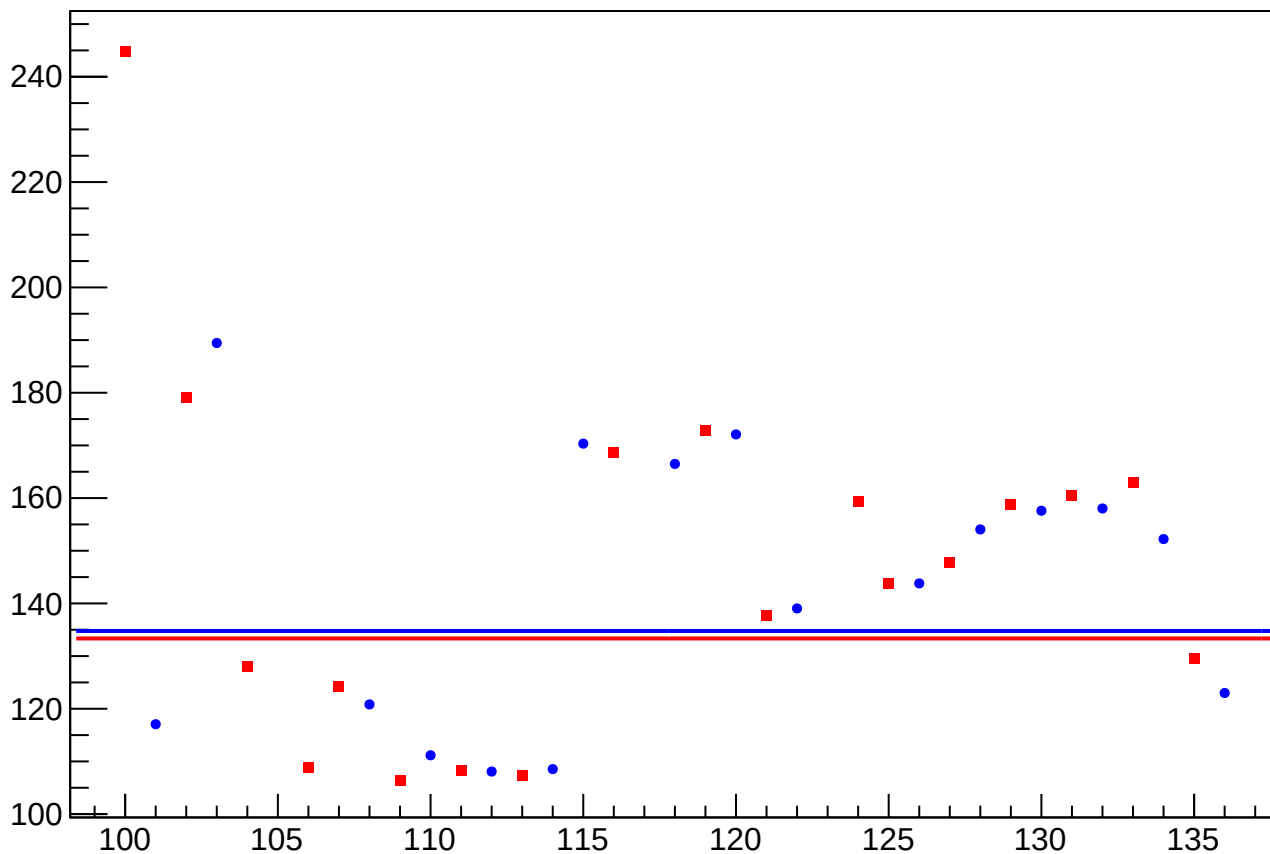
Right: -33.664+/-36.025 χ^2/NDF : 35.9/33

In: -120.169+/-51.103 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.664+/-36.025 χ^2/NDF : 35.9/33

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: 133.348+/-0.036 χ^2/NDF : 495196.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

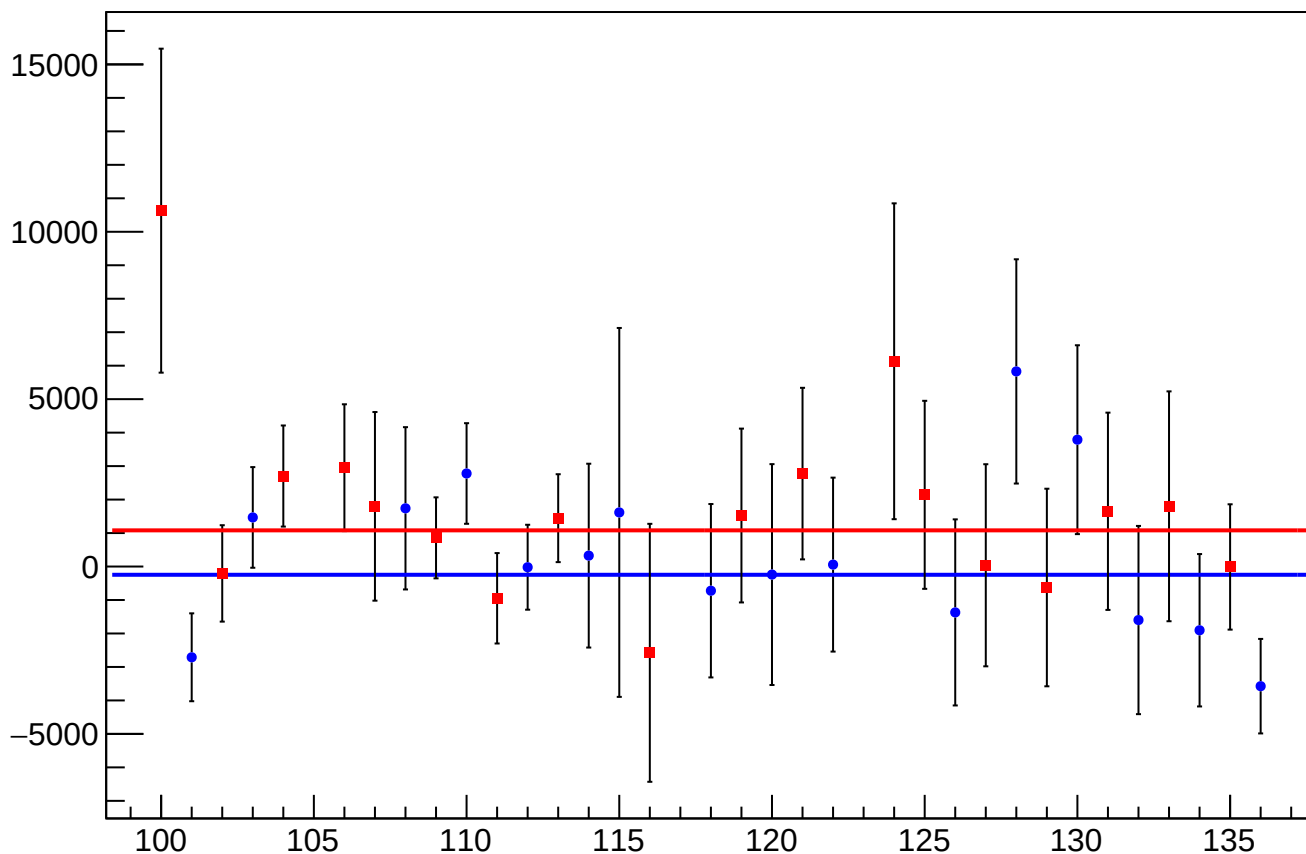
Right: 134.055+/-0.025 χ^2/NDF : 912758.4/33

In: 134.771+/-0.036 χ^2/NDF : 416781.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.055+/-0.025 χ^2/NDF : 912758.4/33

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: 1080.599+/-475.155 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

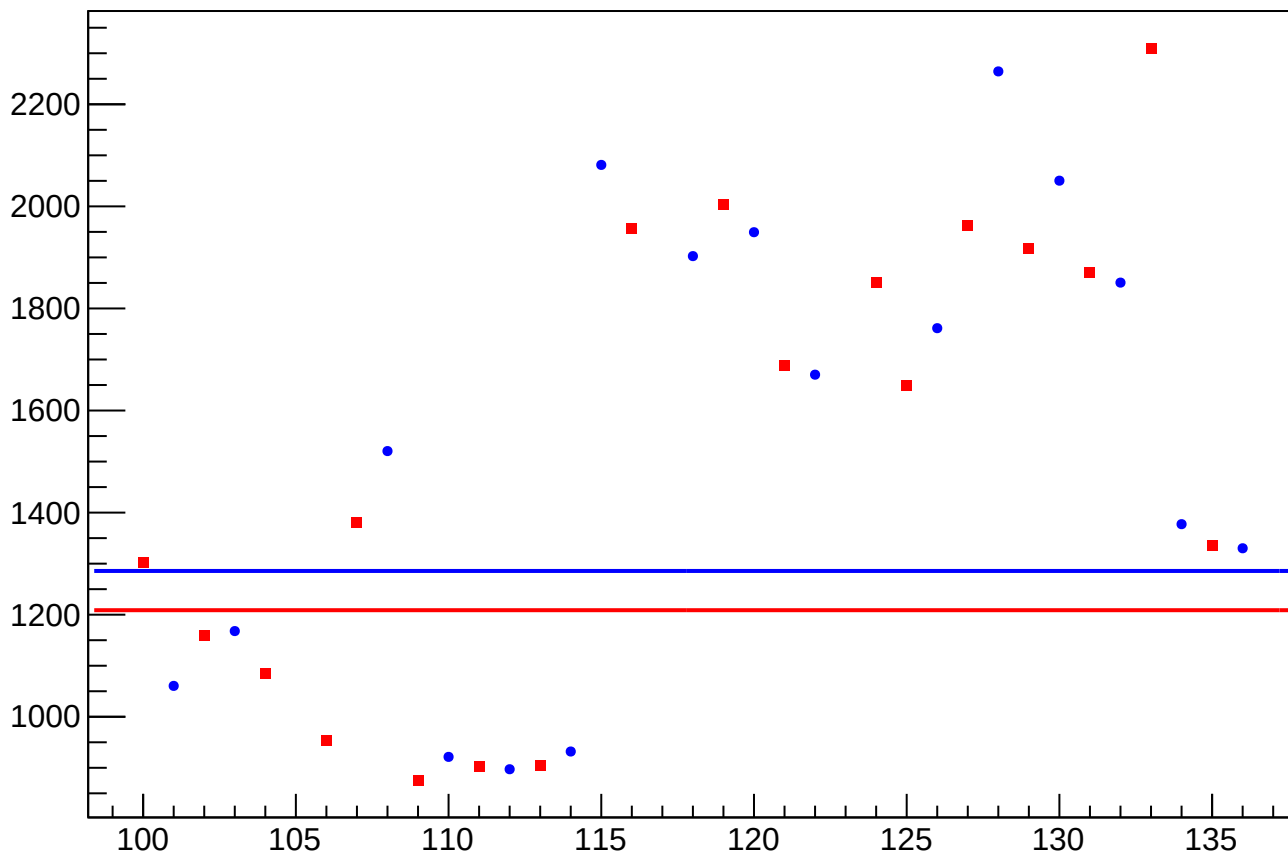
Right: 452.748+/-344.896 χ^2/NDF : 38.1/33

In: -246.428+/-501.418 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 452.748+/-344.896 χ^2/NDF : 38.1/33

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: 1208.797+/-0.336 χ^2/NDF : 1396241.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

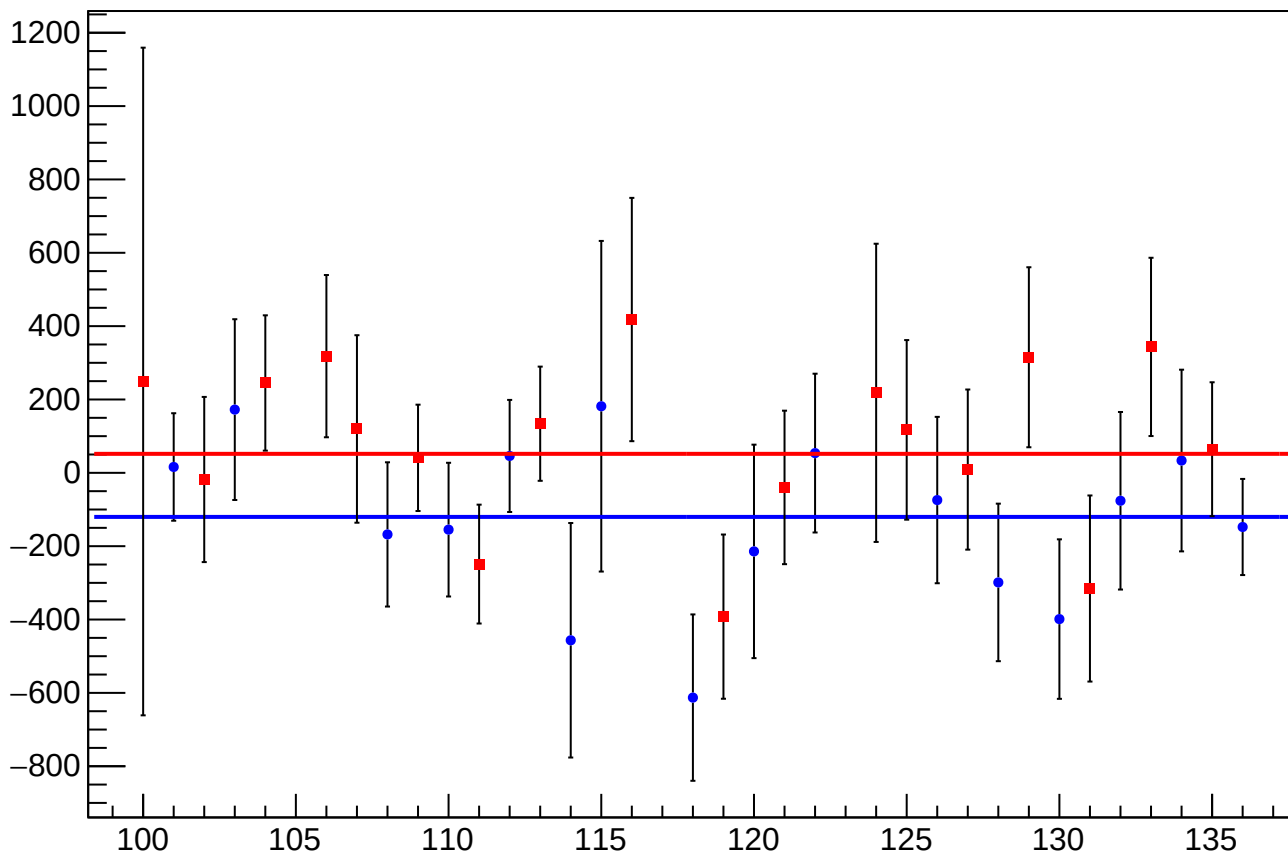
Right: 1245.173+/-0.244 χ^2/NDF : 2591429.0/33

In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1245.173+/-0.244 χ^2/NDF : 2591429.0/33

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: 51.794+/-50.793 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

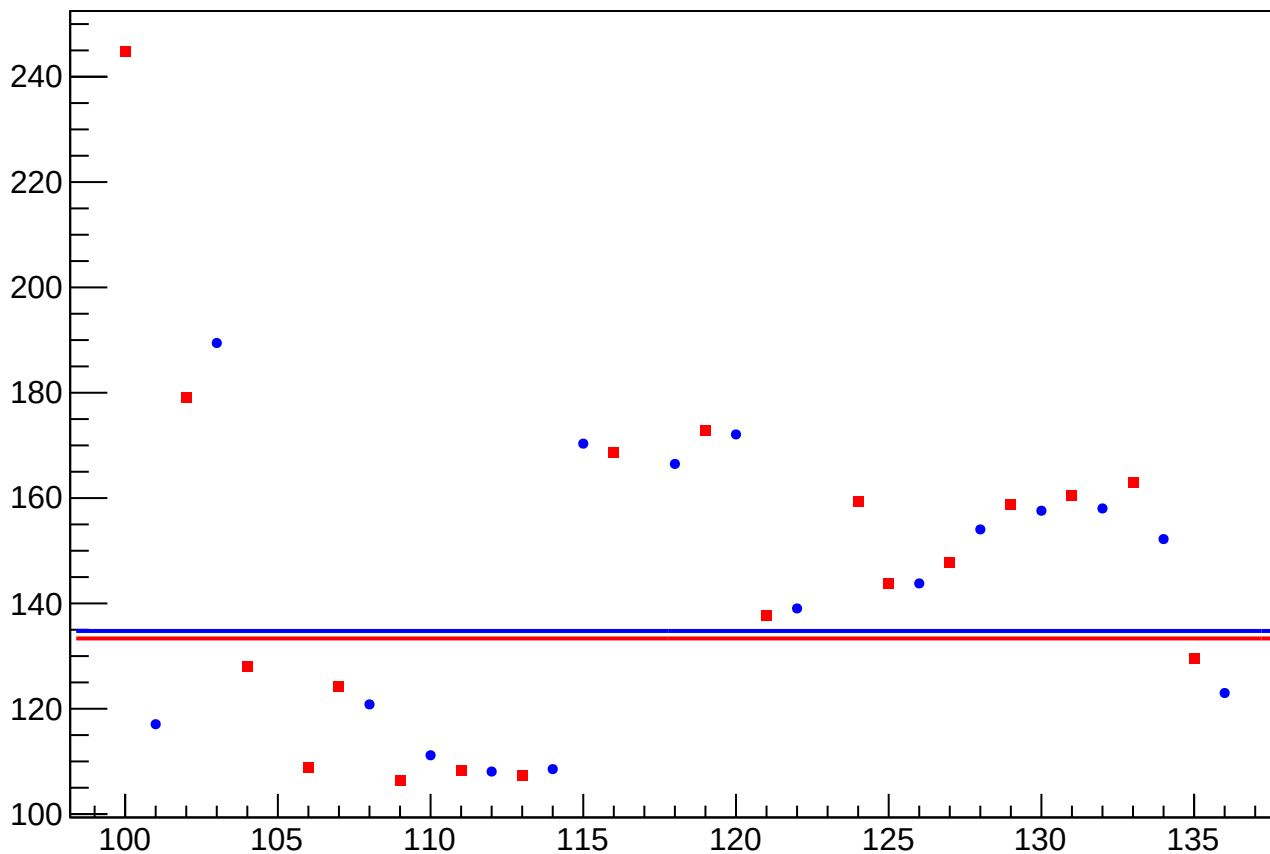
Right: -33.664+/-36.025 χ^2/NDF : 35.9/33

In: -120.169+/-51.103 χ^2/NDF : 13.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -33.664+/-36.025 χ^2/NDF : 35.9/33

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: 133.348+/-0.036 χ^2/NDF : 495196.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

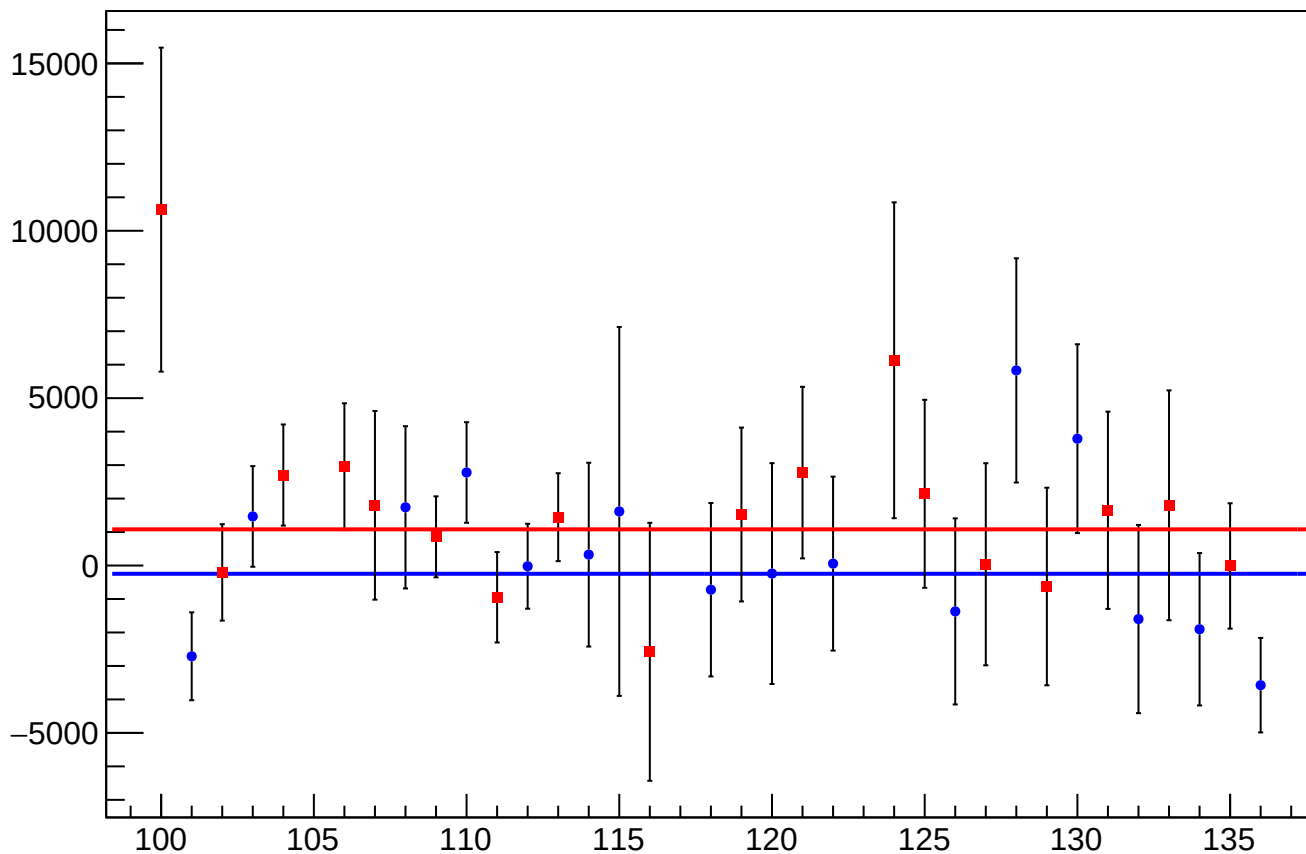
Right: 134.055+/-0.025 χ^2/NDF : 912758.4/33

In: 134.771+/-0.036 χ^2/NDF : 416781.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.055+/-0.025 χ^2/NDF : 912758.4/33

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: 1080.599+/-475.155 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

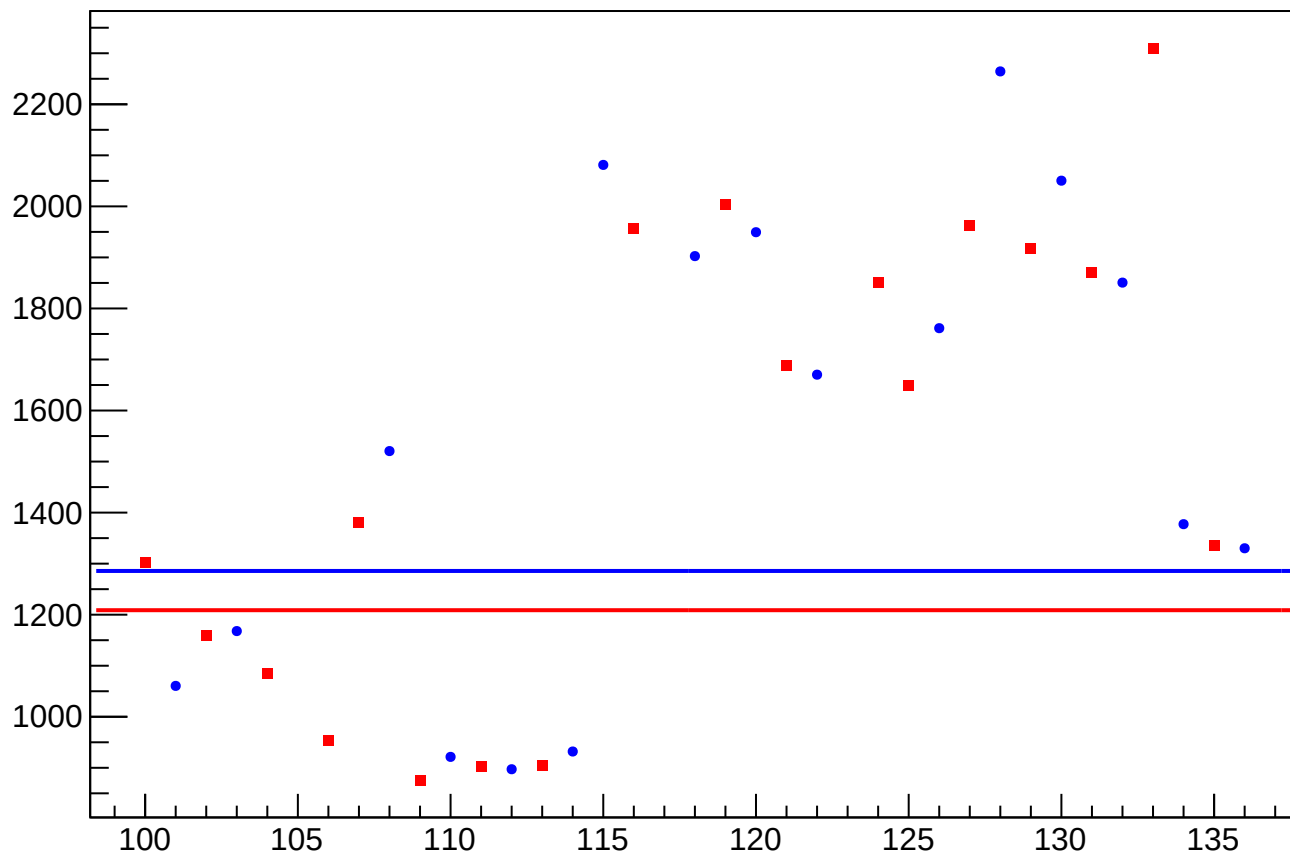
Right: 452.748+/-344.896 χ^2 /NDF: 38.1/33

In: -246.428+/-501.418 χ^2 /NDF:21.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 452.748+/-344.896 χ^2 /NDF: 38.1/33

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: 1208.797+/-0.336 χ^2/NDF : 1396241.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

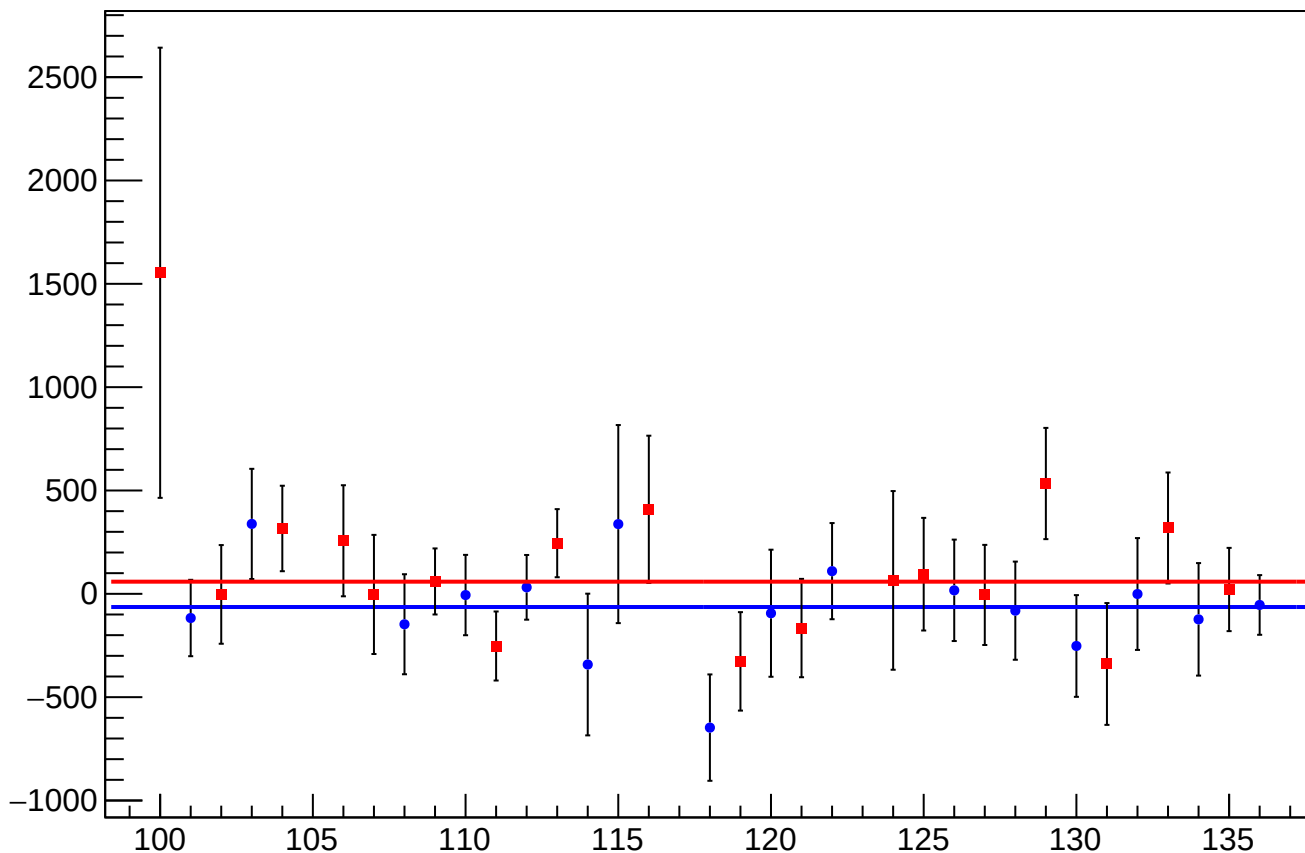
Right: 1245.173+/-0.244 χ^2/NDF : 2591429.0/33

In: 1285.682+/-0.355 χ^2/NDF : 1170412.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1245.173+/-0.244 χ^2/NDF : 2591429.0/33

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: 58.843+/-55.697 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

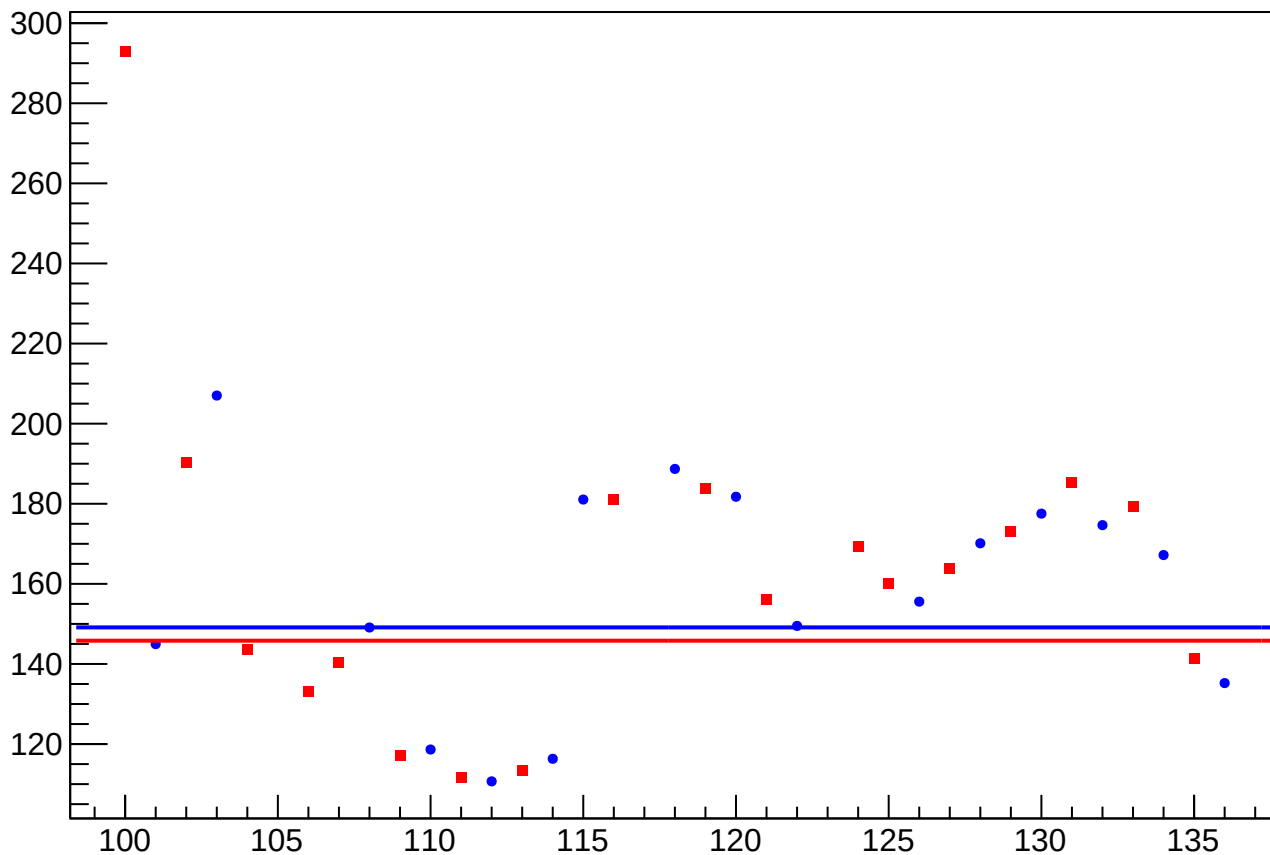
Right: -1.339+/-39.745 χ^2/NDF : 32.5/33

In: -63.781+/-56.734 χ^2/NDF :10.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.339+/-39.745 χ^2/NDF : 32.5/33

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: 145.814+/-0.039 χ^2/NDF : 522560.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

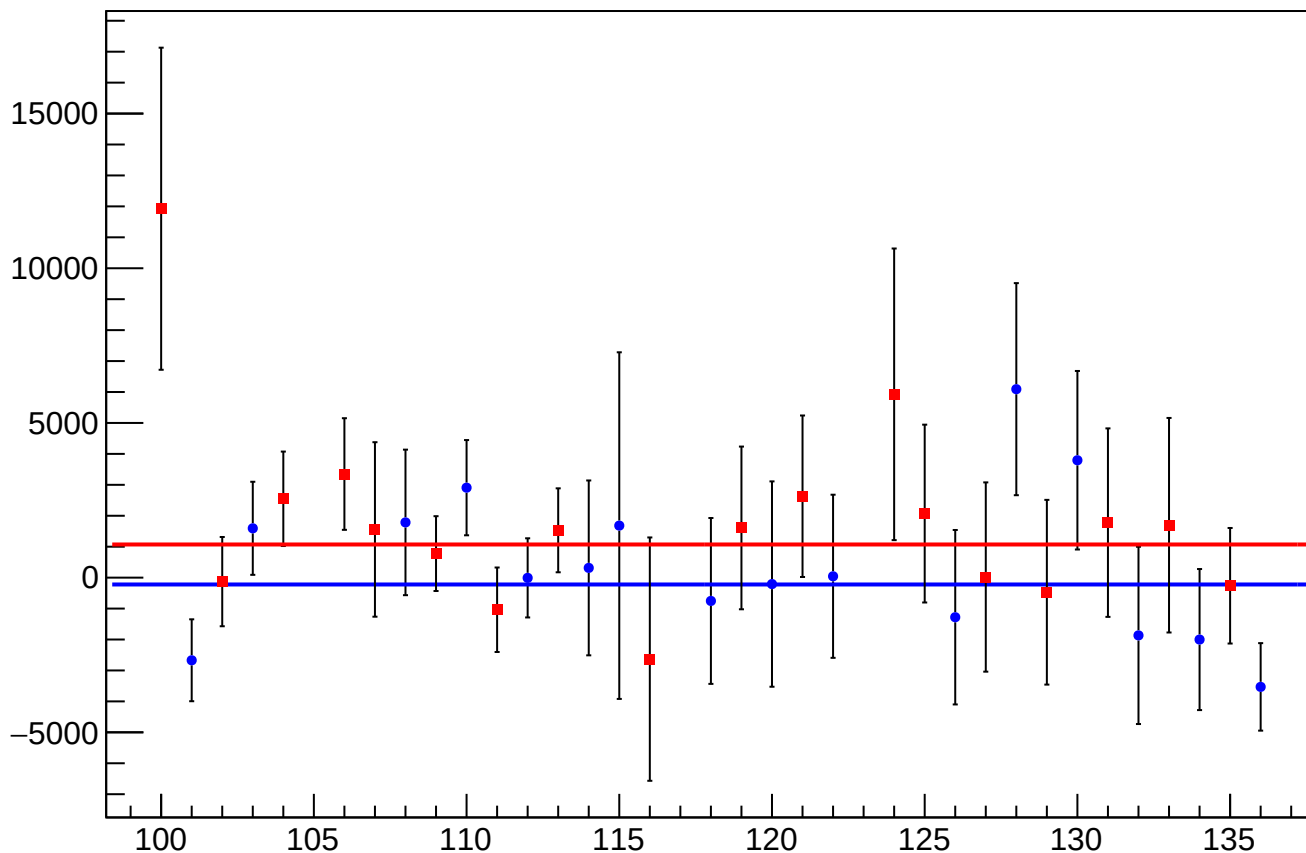
Right: 147.441+/-0.028 χ^2/NDF : 977044.2/33

In: 149.130+/-0.040 χ^2/NDF : 451003.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.441+/-0.028 χ^2/NDF : 977044.2/33

asym_sam_48_avg_dit_correction_mean vs Slug, Sign Corrected



Right In: -221.240 ± 506.202 χ^2/NDF : 21.9/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1071.659 ± 478.780 χ^2/NDF : 13.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

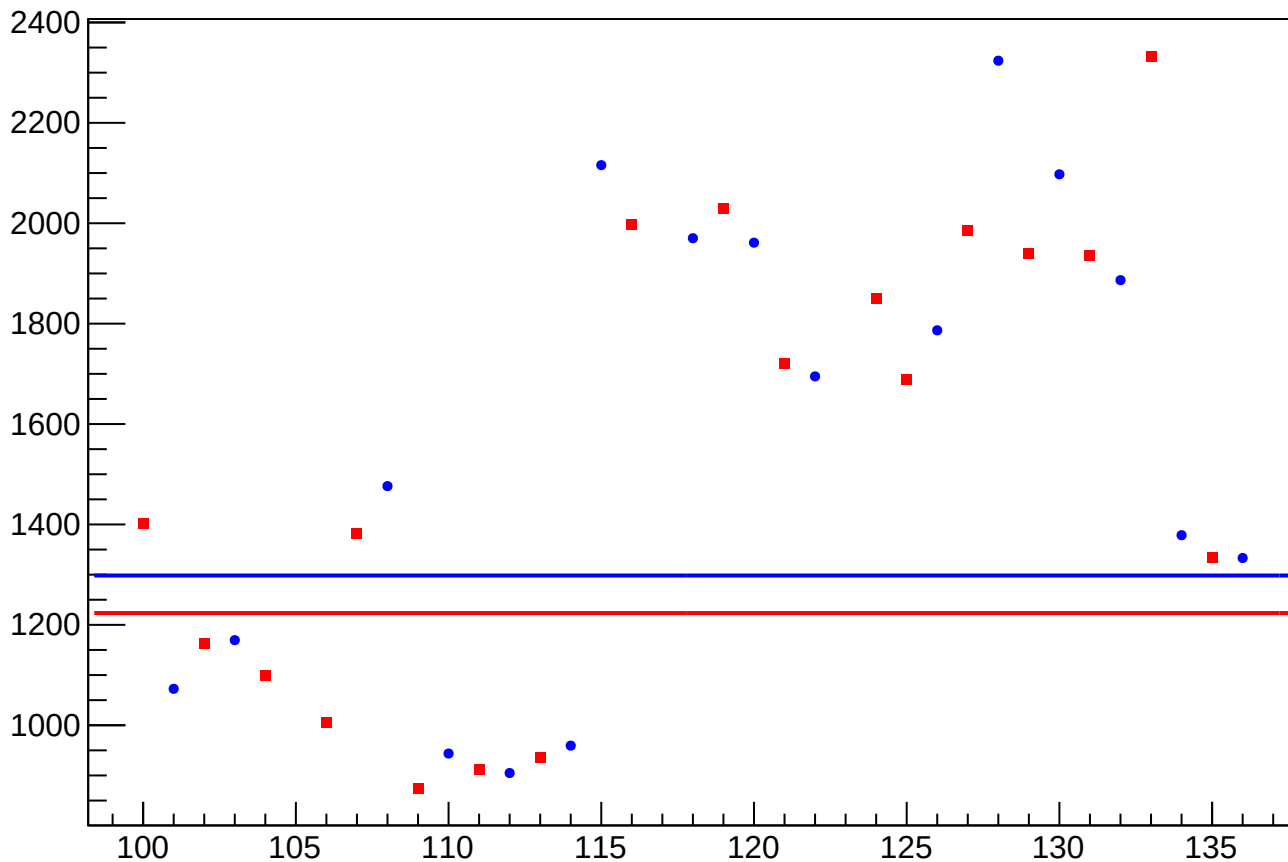
Right: 461.176 ± 347.839 χ^2/NDF : 38.9/33

In: -221.240 ± 506.202 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 461.176 ± 347.839 χ^2/NDF : 38.9/33

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: 1223.553+/-0.339 χ^2/NDF : 1400967.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

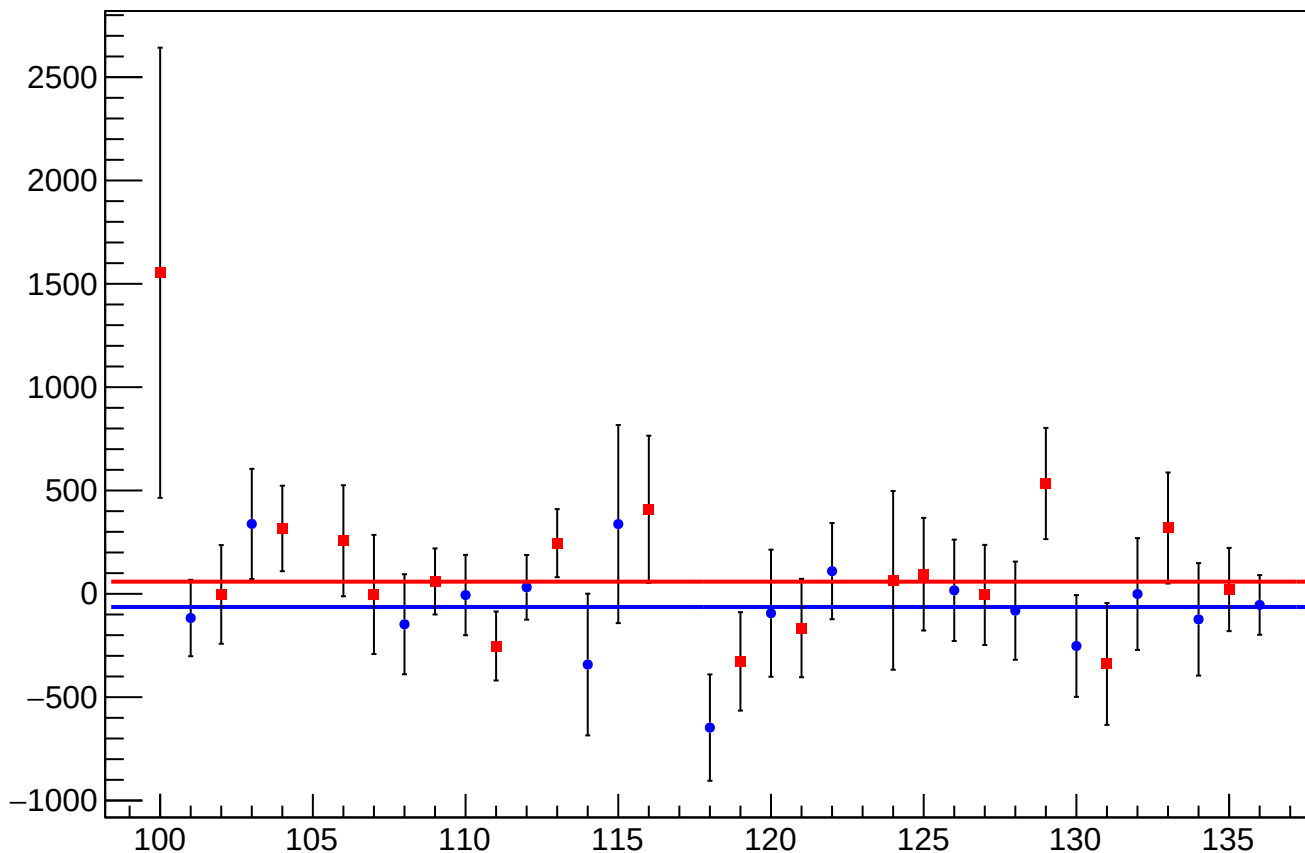
Right: 1258.844+/-0.246 χ^2/NDF : 2606103.5/33

In: 1298.293+/-0.358 χ^2/NDF : 1182123.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.844+/-0.246 χ^2/NDF : 2606103.5/33

eigen_dit_asym_sam_48_avg_mean vs Slug, Sign Corrected



Right In: -63.778+/-56.734 χ^2 /NDF: 10.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 58.842+/-55.697 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

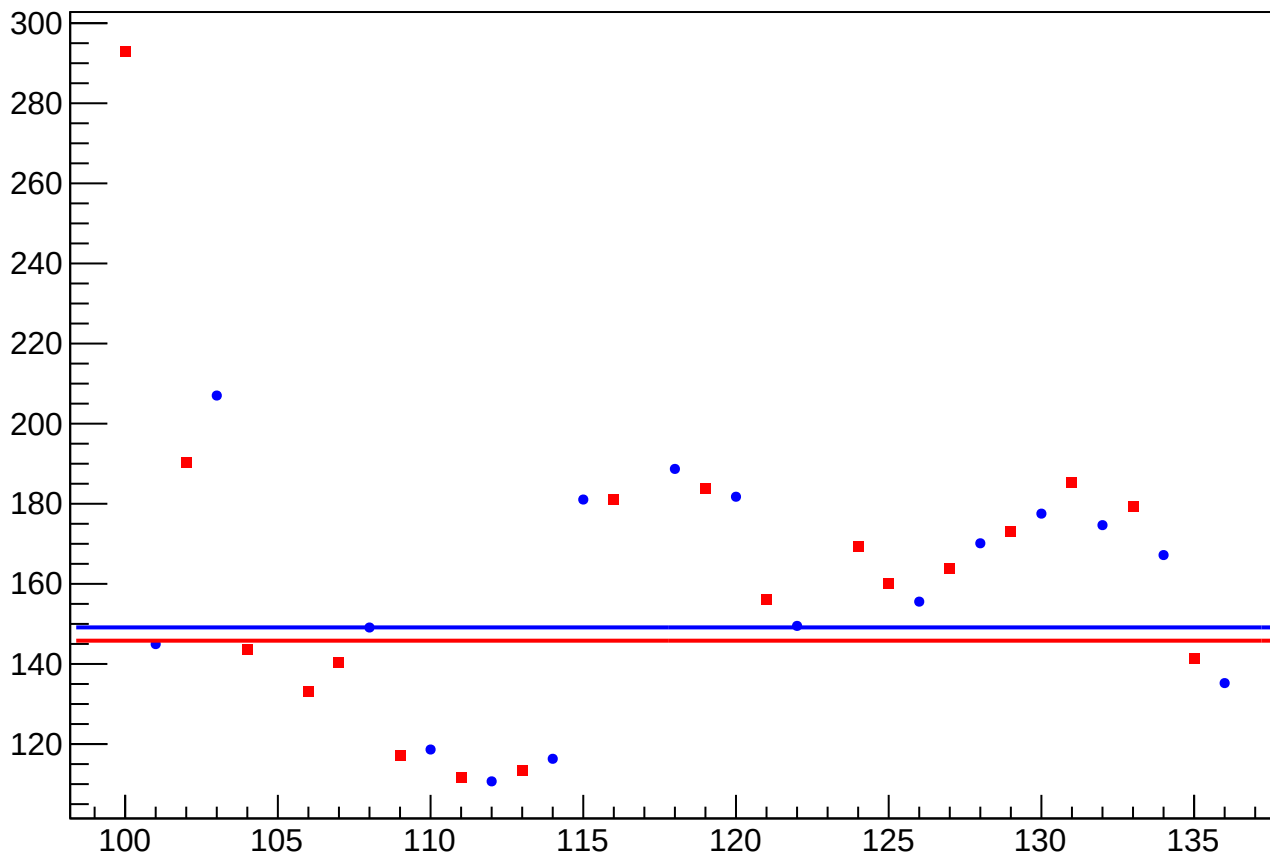
Right: -1.338+/-39.745 χ^2 /NDF: 32.5/33

In: -63.778+/-56.734 χ^2 /NDF:10.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -1.338+/-39.745 χ^2 /NDF: 32.5/33

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: 145.814+/-0.039 χ^2/NDF : 522562.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

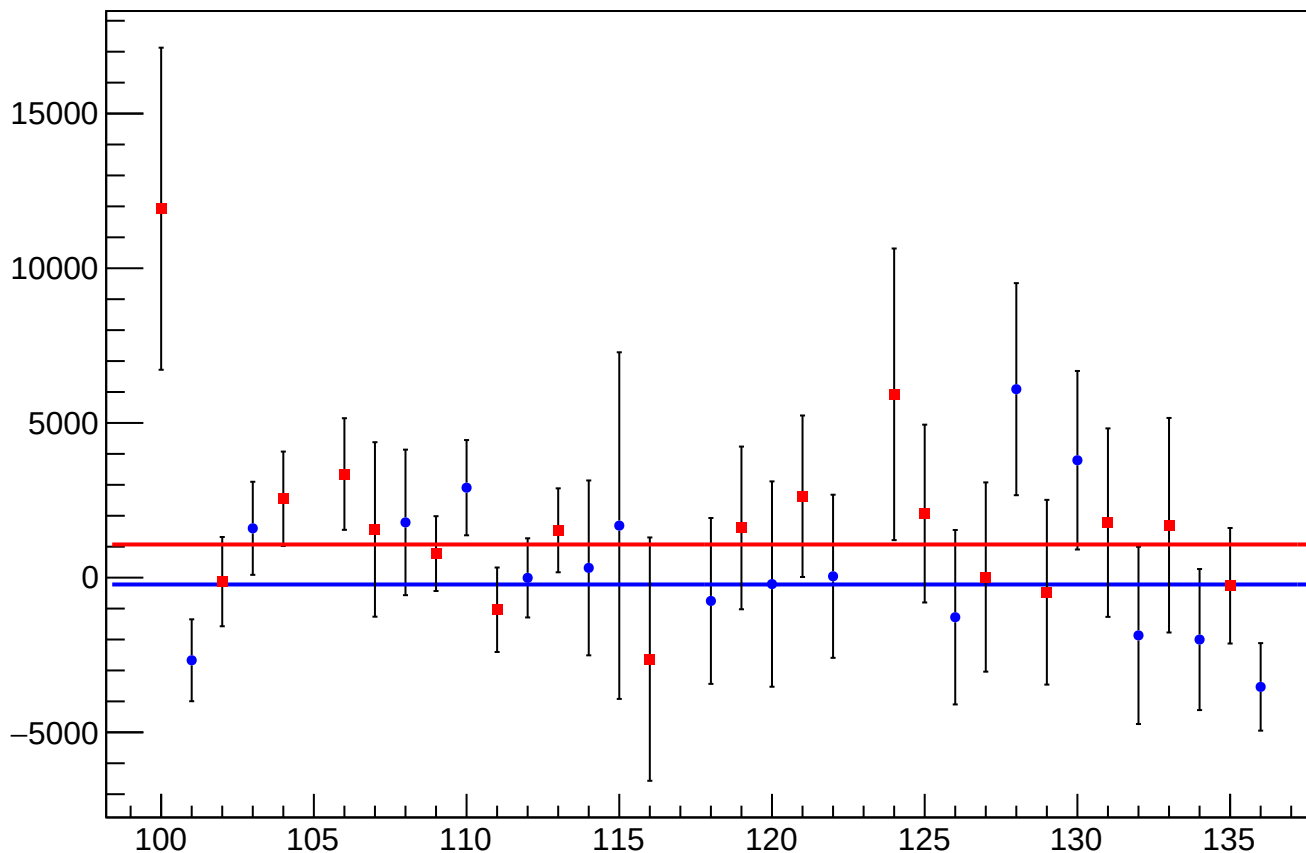
Right: 147.441+/-0.028 χ^2/NDF : 977048.3/33

In: 149.130+/-0.040 χ^2/NDF : 451005.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.441+/-0.028 χ^2/NDF : 977048.3/33

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: 1071.657+/-478.779 χ^2/NDF : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

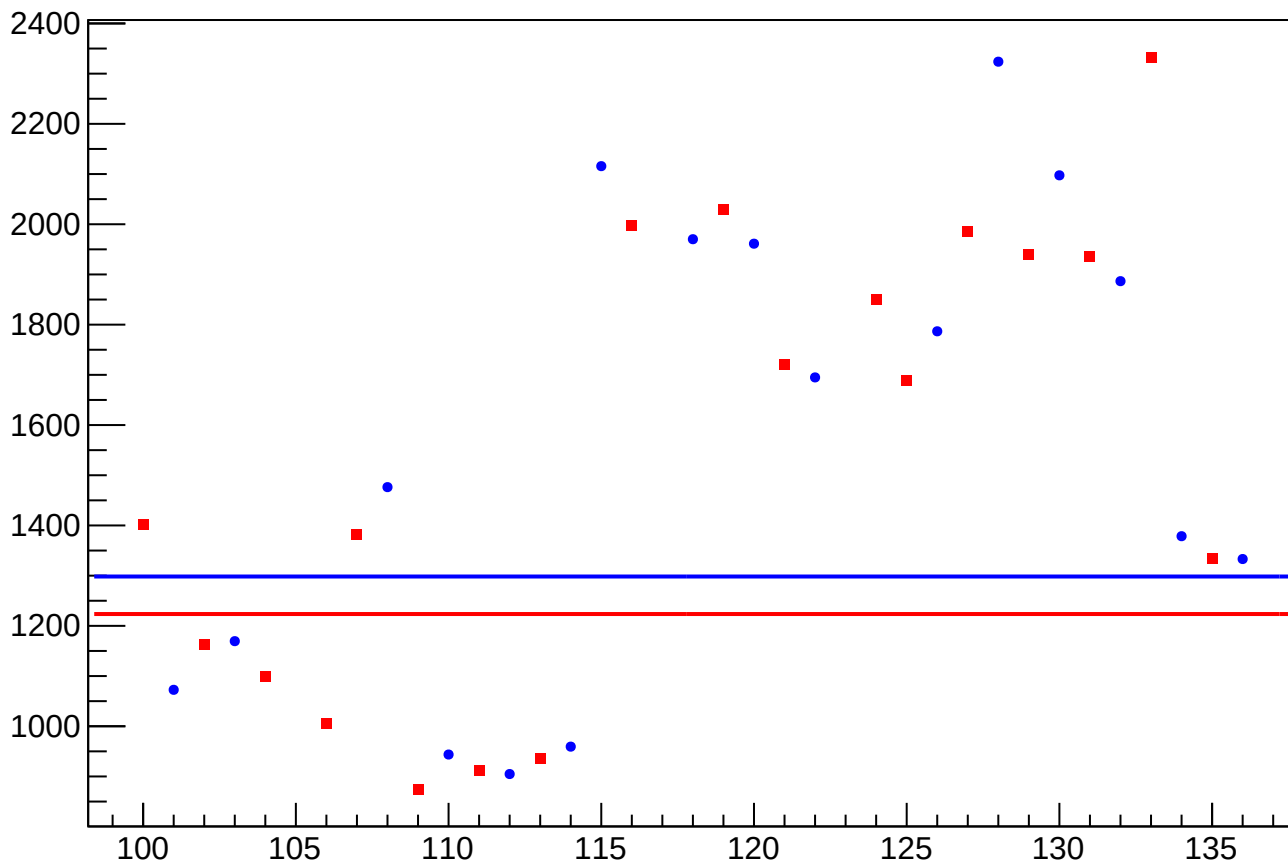
Right: 461.176+/-347.838 χ^2/NDF : 38.9/33

In: -221.239+/-506.201 χ^2/NDF : 21.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 461.176+/-347.838 χ^2/NDF : 38.9/33

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: 1223.552+/-0.339 χ^2/NDF : 1400970.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

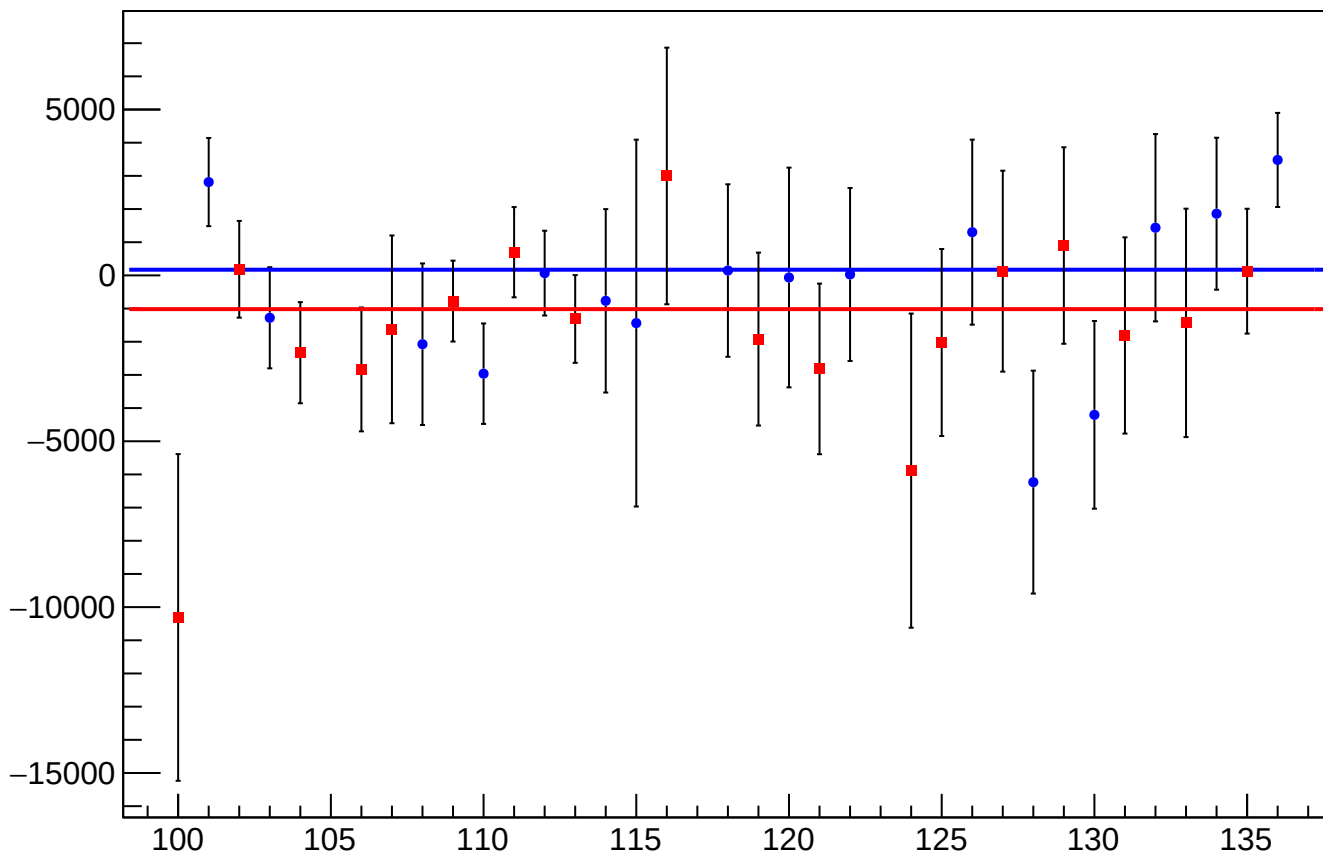
Right: 1258.842+/-0.246 χ^2/NDF : 2606110.8/33

In: 1298.292+/-0.358 χ^2/NDF : 1182127.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1258.842+/-0.246 χ^2/NDF : 2606110.8/33

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: -1016.825+/-477.893 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

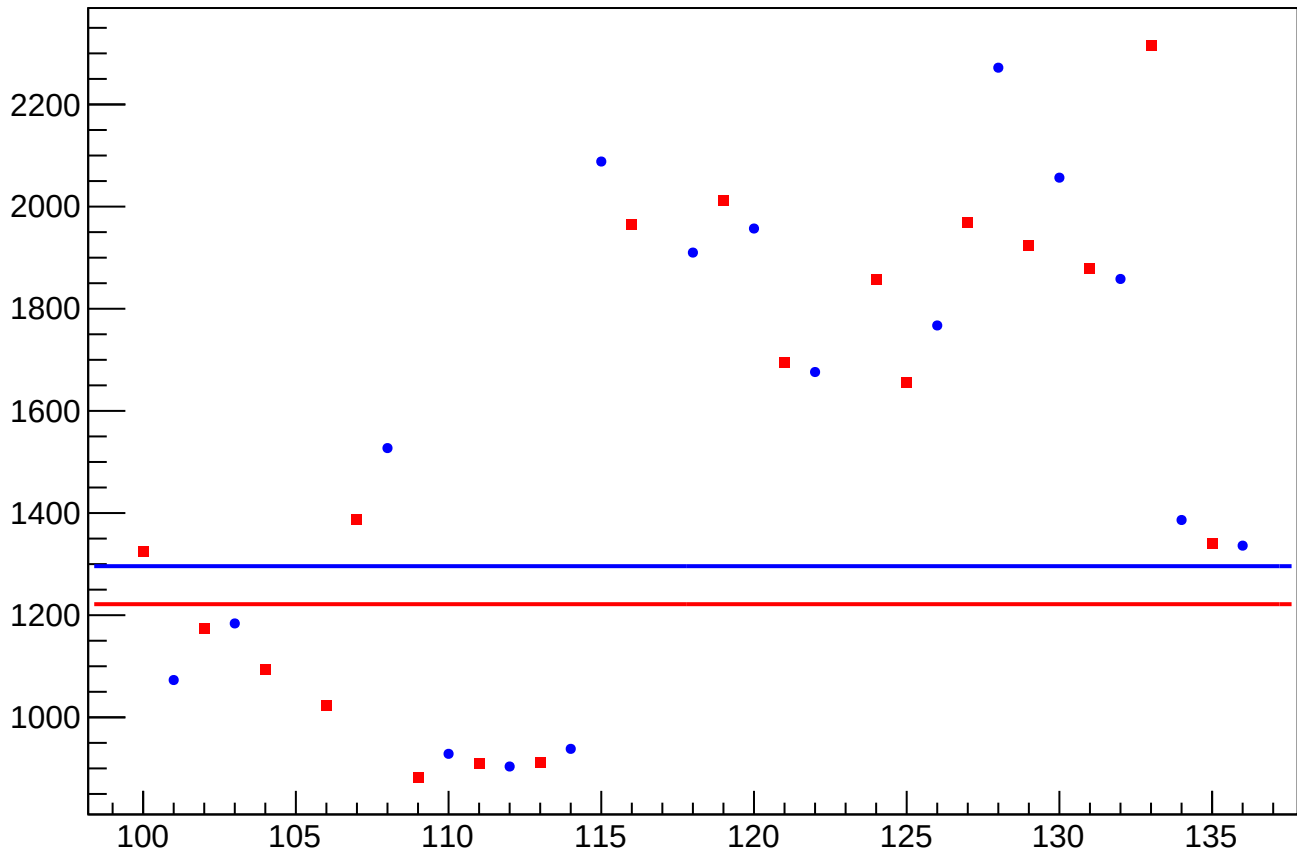
Right: -455.779+/-347.153 χ^2/NDF : 37.0/33

In: 171.056+/-505.136 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -455.779+/-347.153 χ^2/NDF : 37.0/33

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: 1221.560+/-0.338 χ^2/NDF : 1367360.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

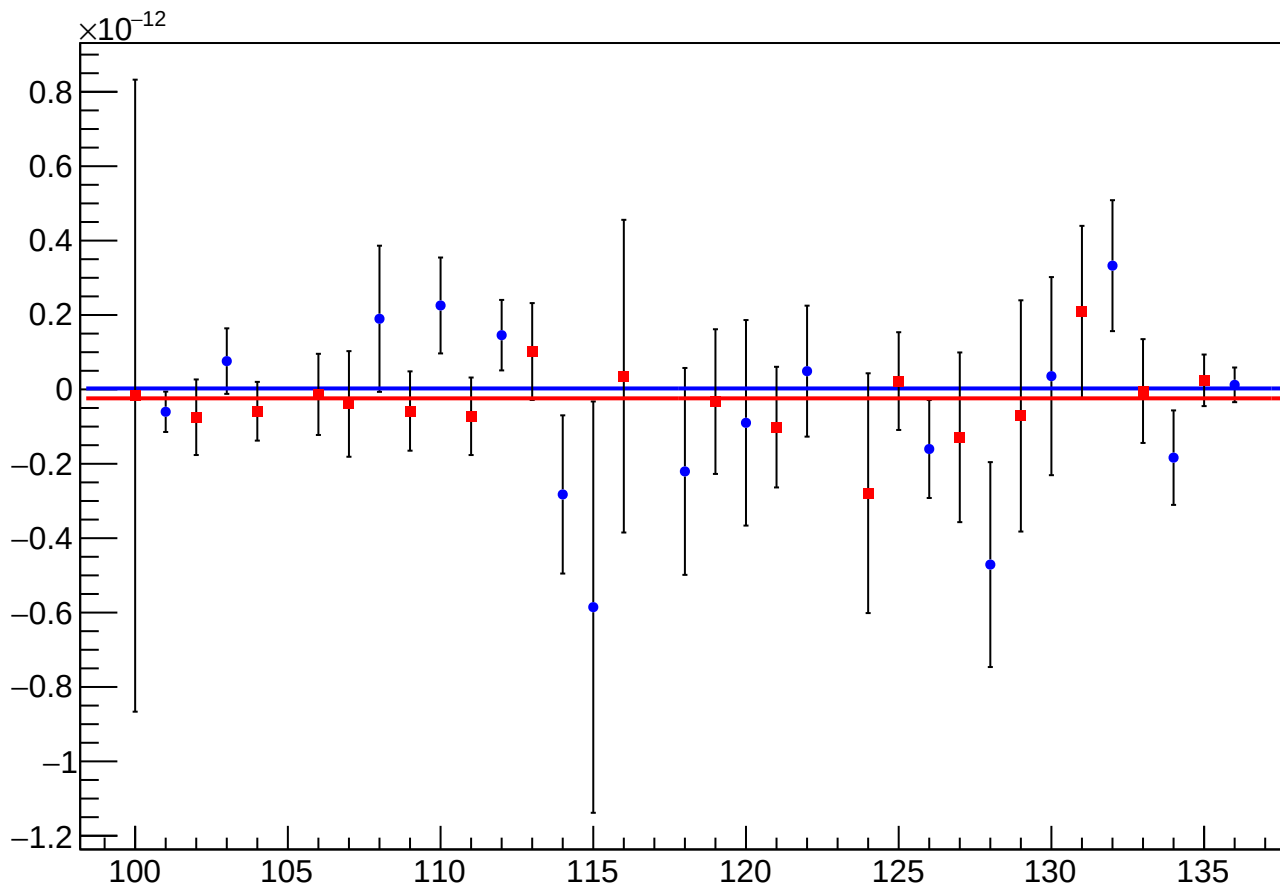
Right: 1256.712+/-0.245 χ^2/NDF : 2544457.8/33

In: 1295.987+/-0.357 χ^2/NDF : 1154185.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1256.712+/-0.245 χ^2/NDF : 2544457.8/33

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 : 4.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

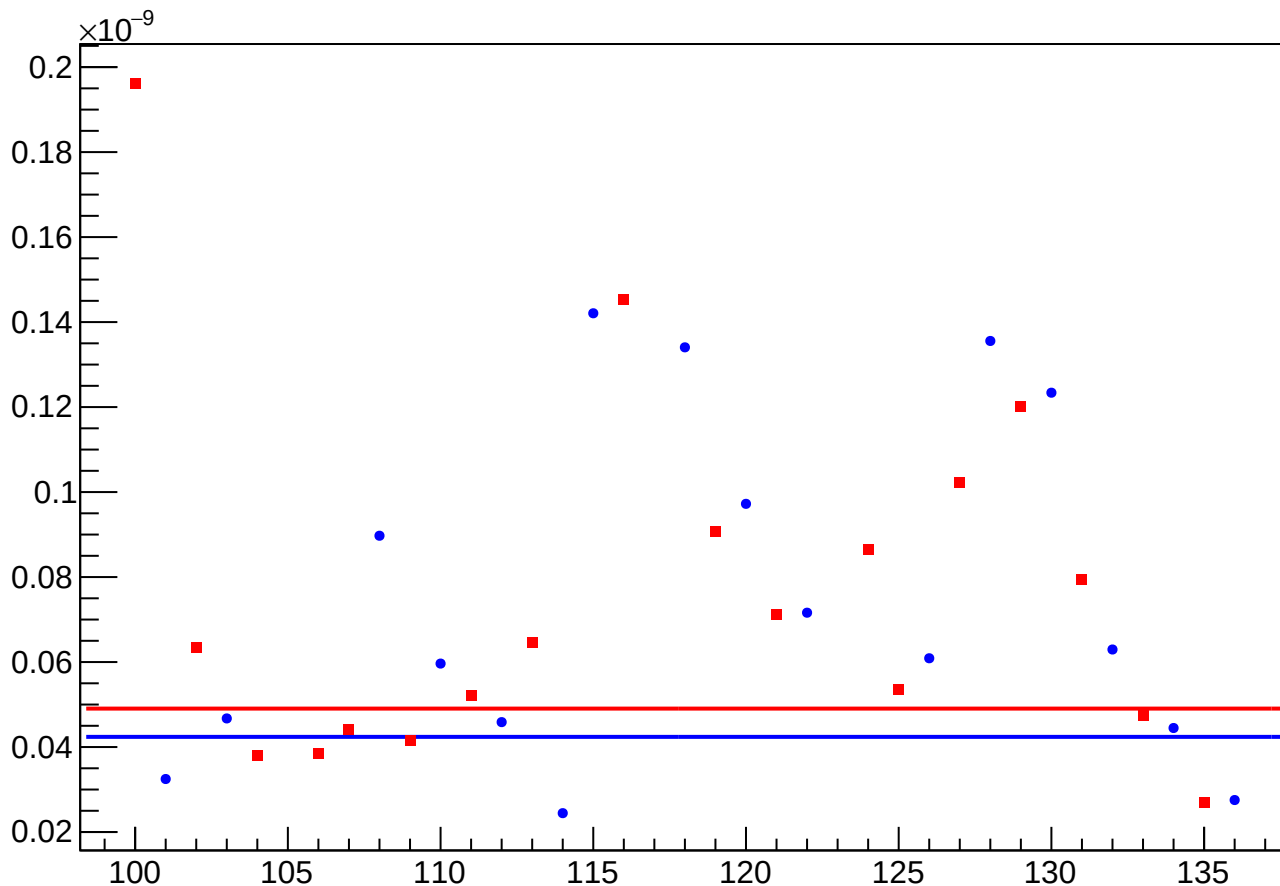
Right: -0.000+/-0.000 χ^2/NDF : 27.1/33

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 : 27.1/33

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 : 916061.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

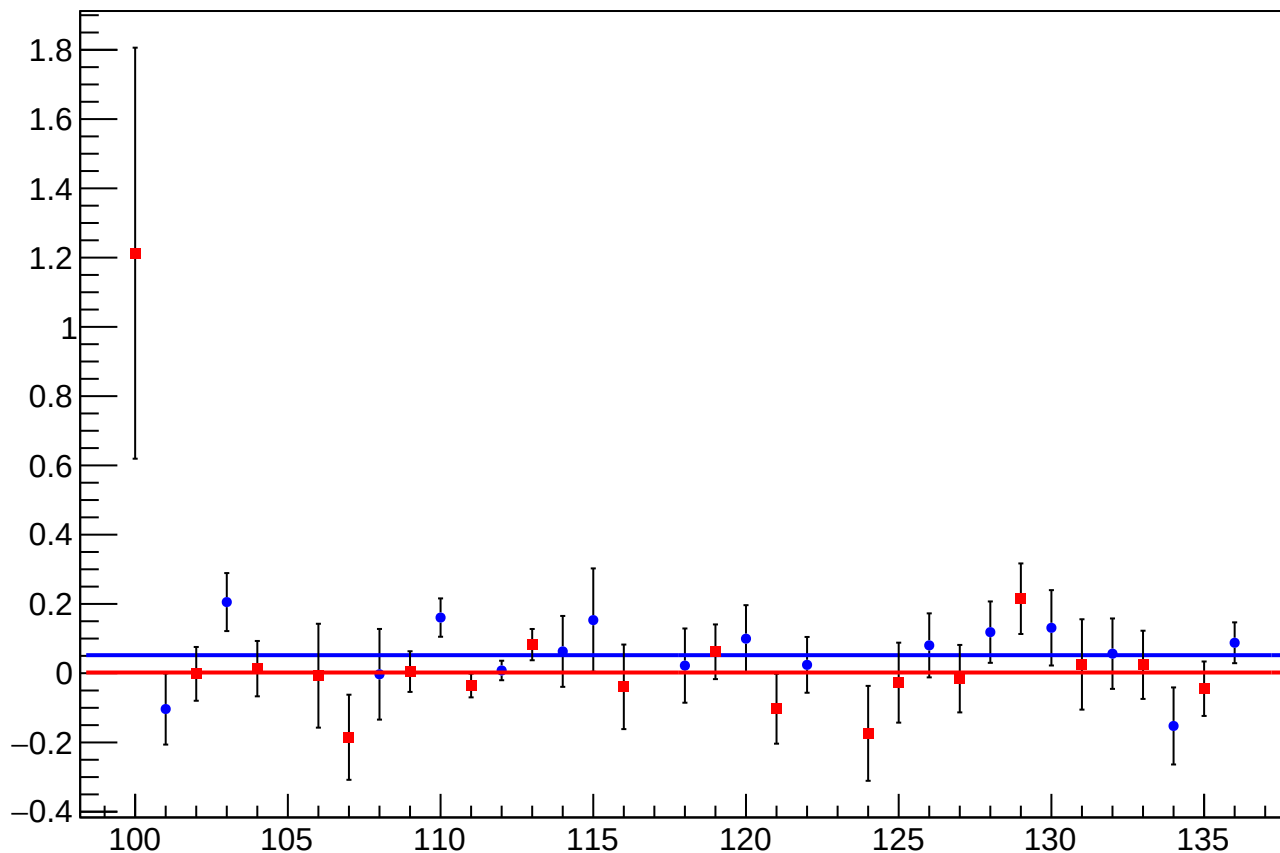
Right: 0.000+/-0.000 χ^2/NDF : 2311018.3/33

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 : 2311018.3/33

asym_sam_48_avg_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: 0.002+/-0.018 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

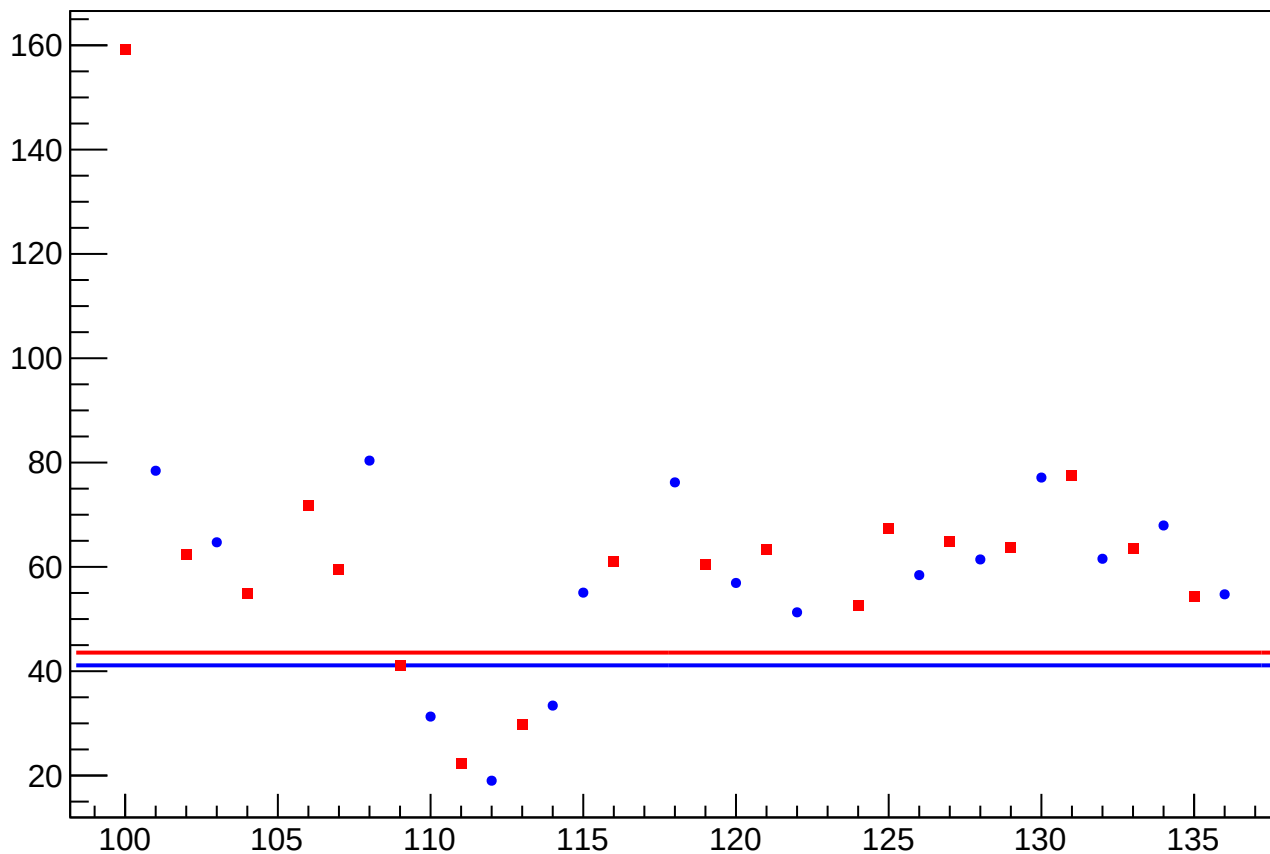
Right: 0.027+/-0.013 χ^2/NDF : 41.1/33

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 : 41.1/33

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: 43.566+/-0.013 χ^2/NDF : 2031049.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

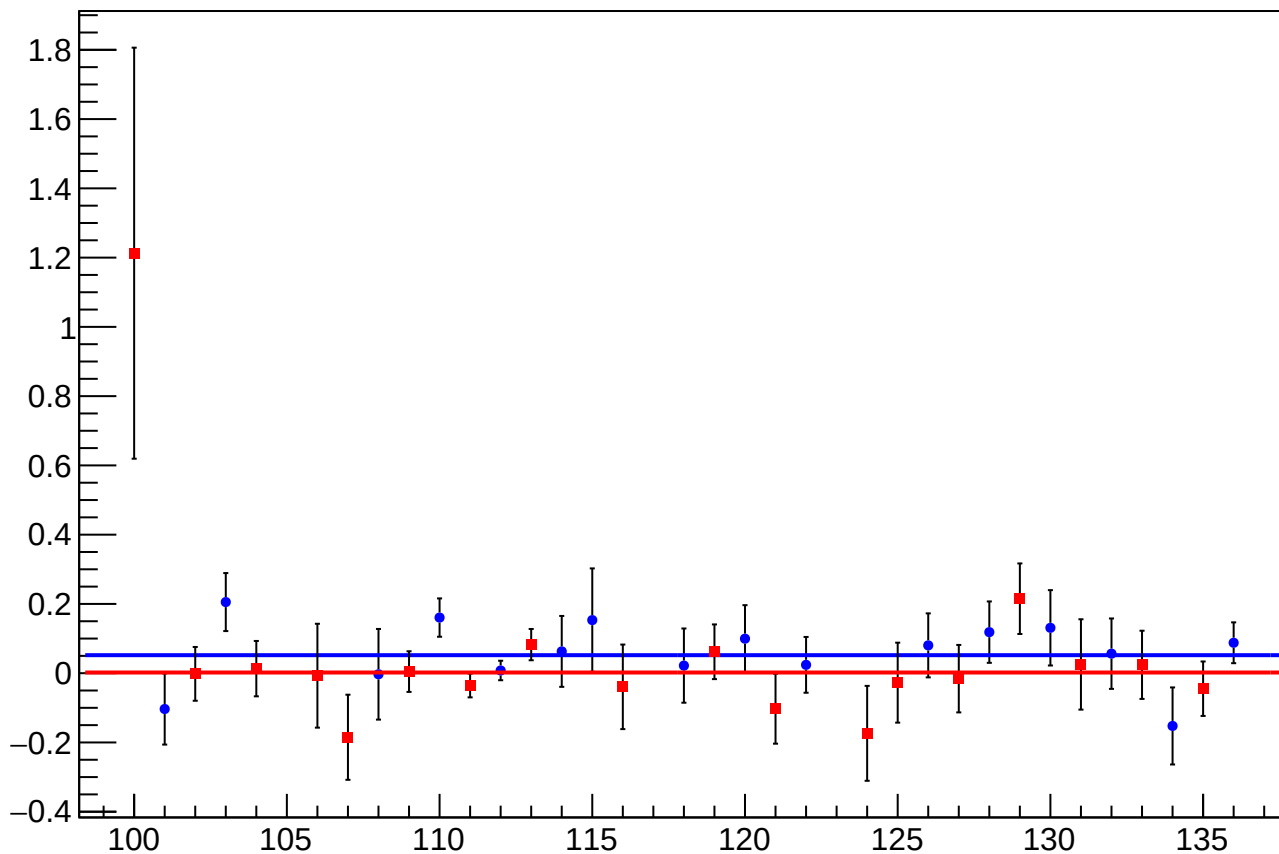
Right: 42.319+/-0.009 χ^2/NDF : 4974927.3/33

In: 41.120+/-0.013 χ^2/NDF : 2925302.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.319+/-0.009 χ^2/NDF : 4974927.3/33

asym_sam_48_avg_dit_vs_eigen_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: 0.002 $\pm$ 0.018 χ^2 /NDF: 19.2/17

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

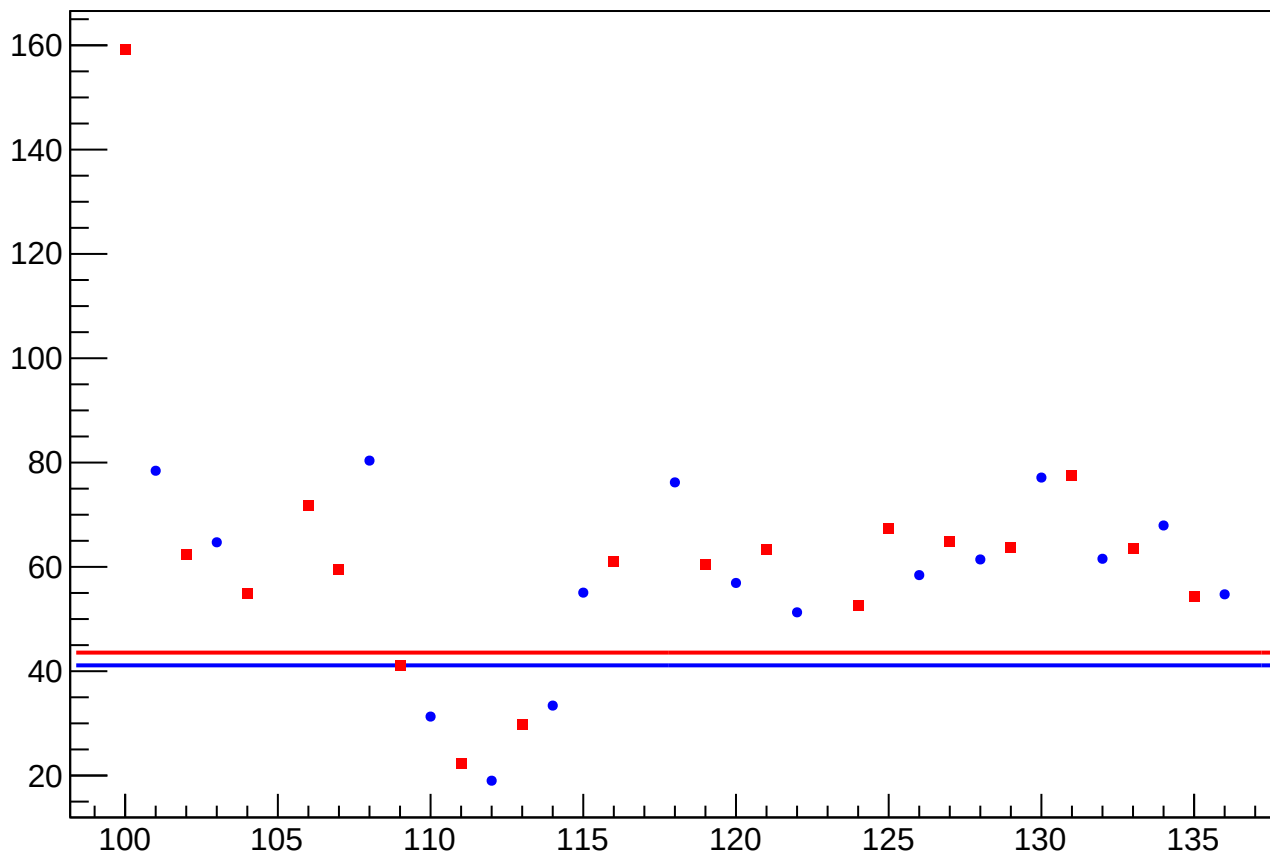
Right: 0.027 $\pm$ 0.013 χ^2 /NDF: 41.1/33

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: 41.1/33

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: 43.566+/-0.013 χ^2/NDF : 2031049.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

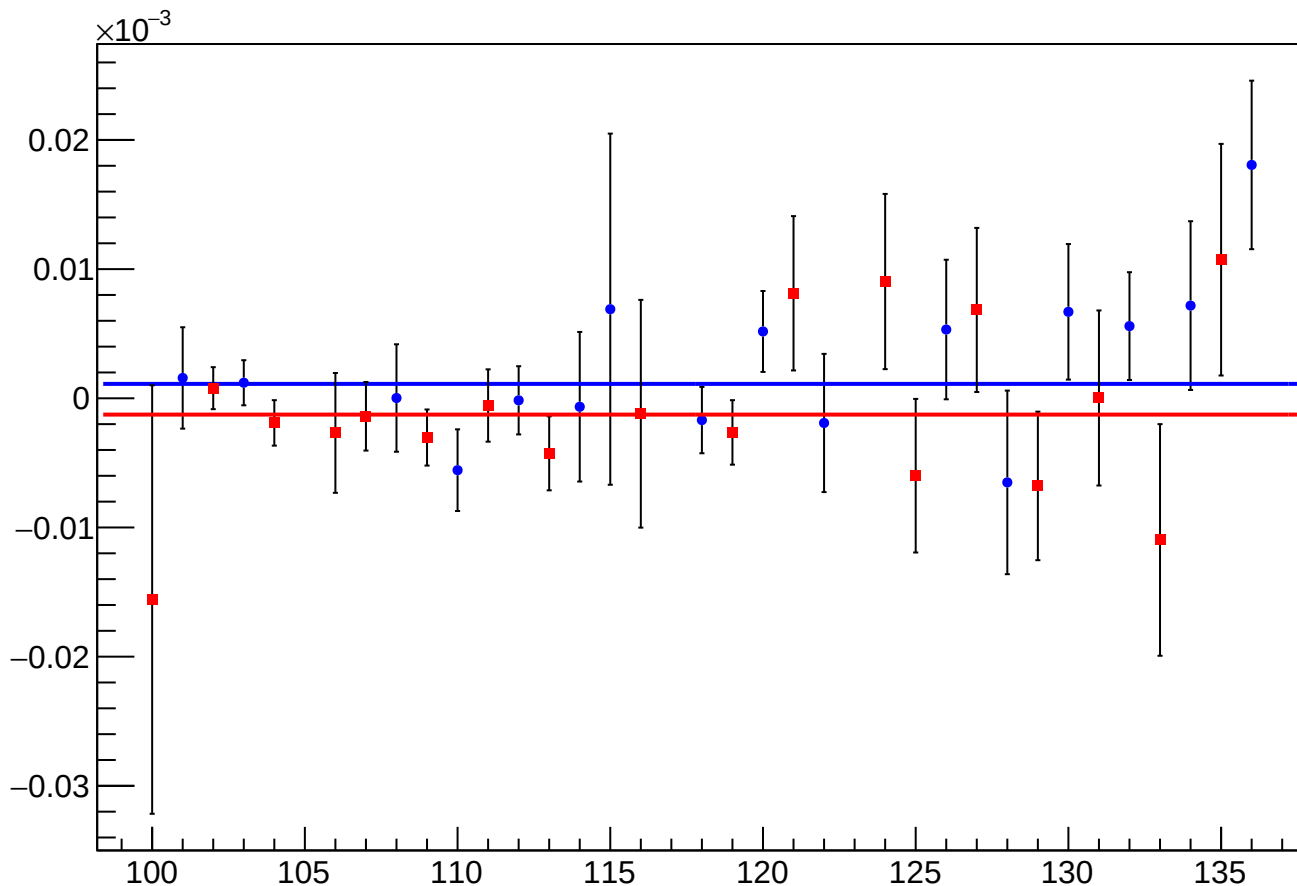
Right: 42.319+/-0.009 χ^2/NDF : 4974927.3/33

In: 41.120+/-0.013 χ^2/NDF : 2925302.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.319+/-0.009 χ^2/NDF : 4974927.3/33

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 : 15.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

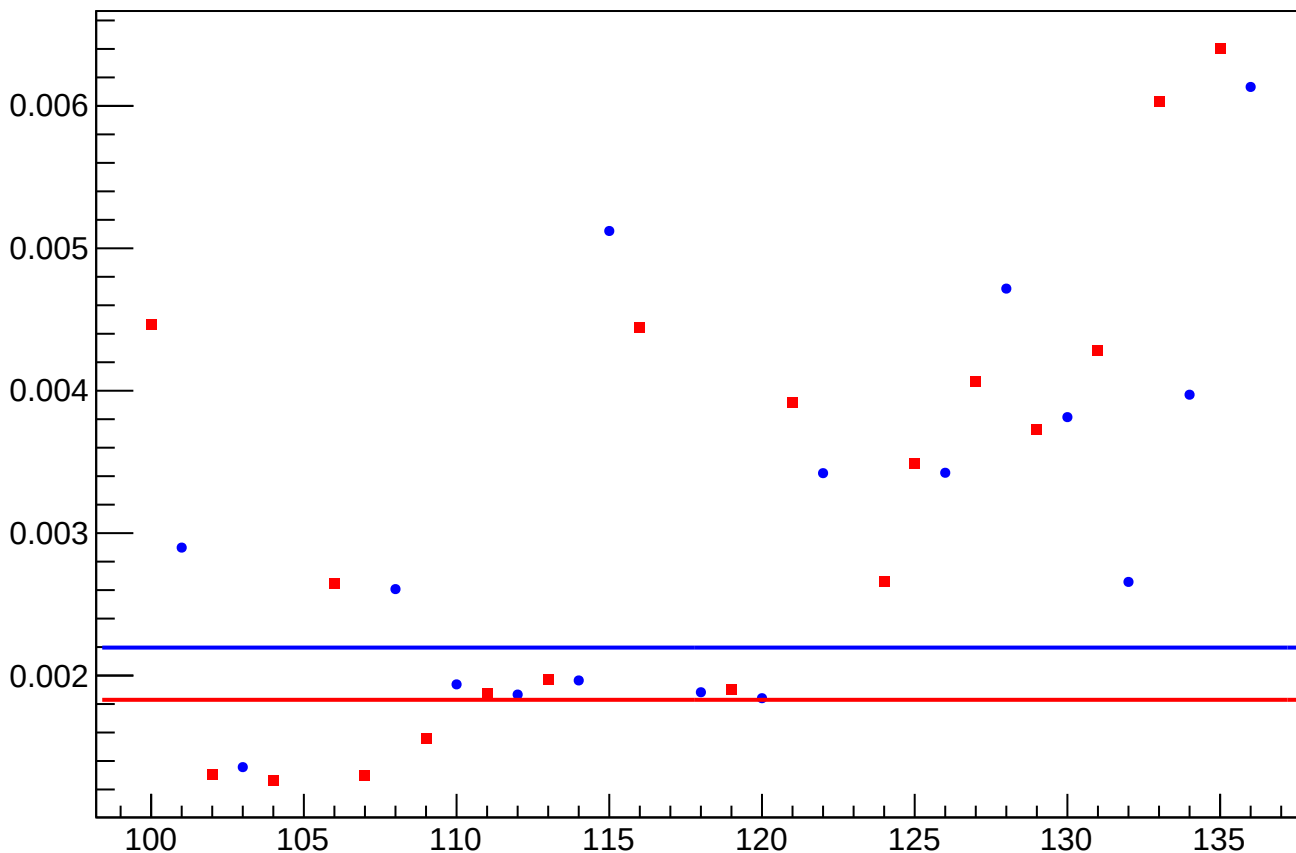
Right: -0.000+/-0.000 χ^2/NDF : 39.6/33

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 : 39.6/33

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 : 2939612.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

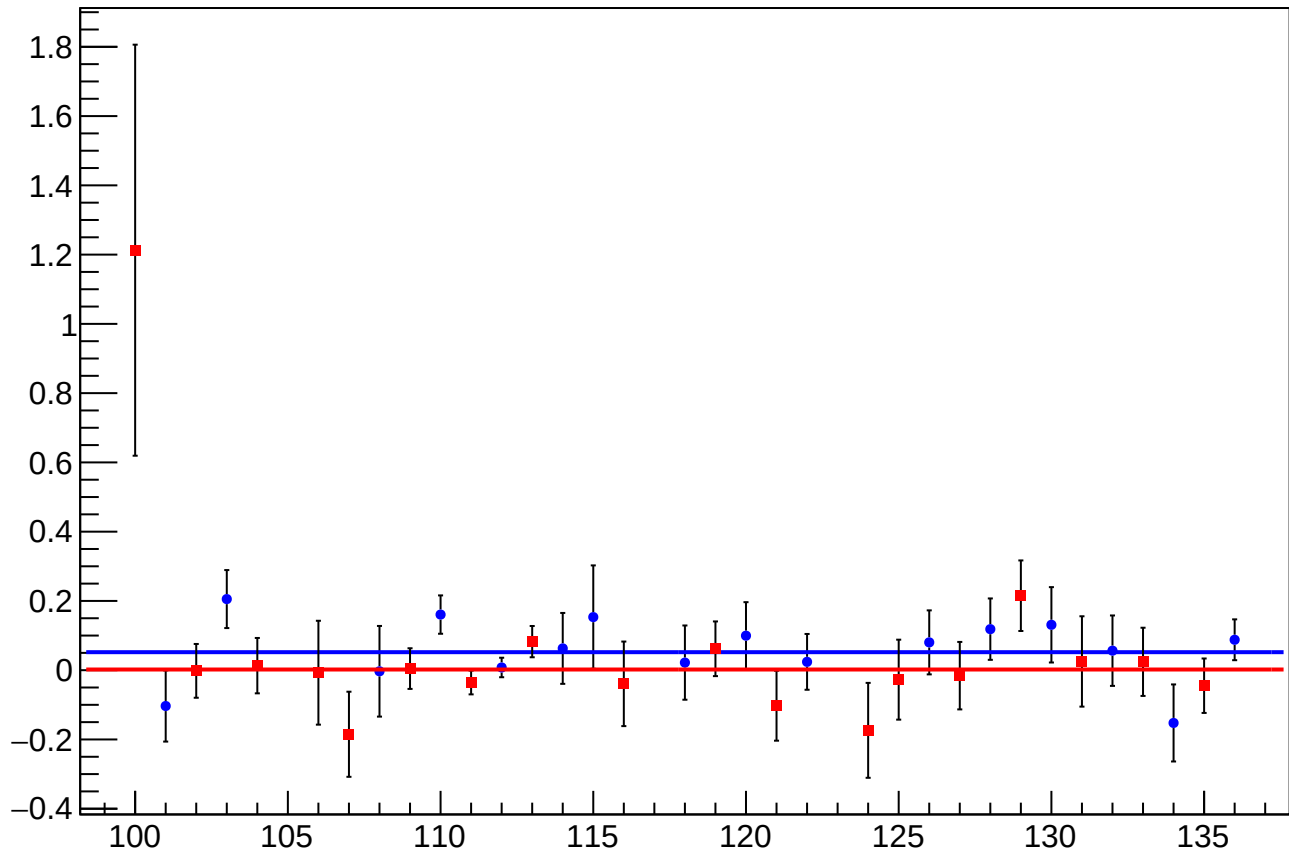
Right: 0.002+/-0.000 χ^2/NDF : 5423402.6/33

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 : 5423402.6/33

asym_sam_48_avg_eigen_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: 0.002 $\pm$ 0.018 χ^2 /NDF: 19.2/17

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

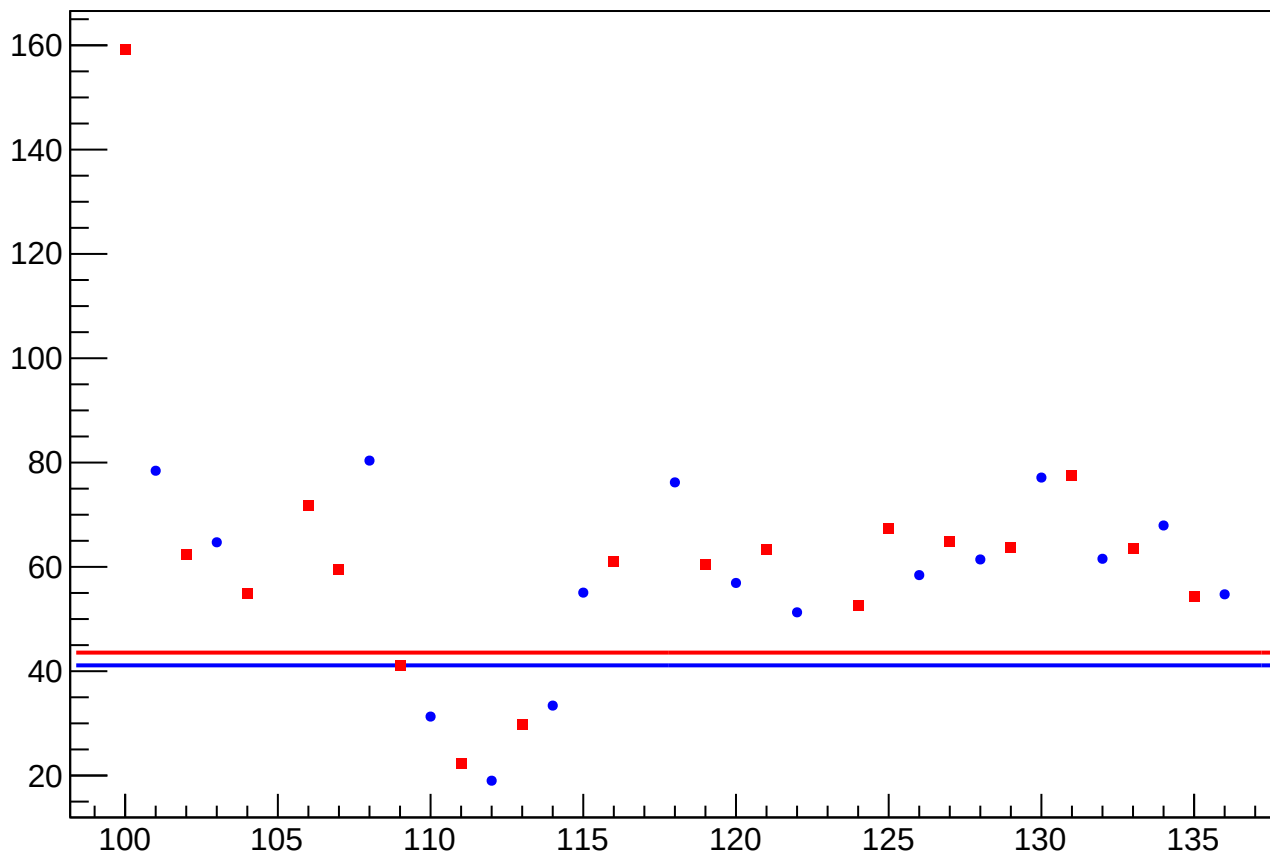
Right: 0.027 $\pm$ 0.013 χ^2 /NDF: 41.1/33

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: 41.1/33

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: 43.565+/-0.013 χ^2/NDF : 2031221.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

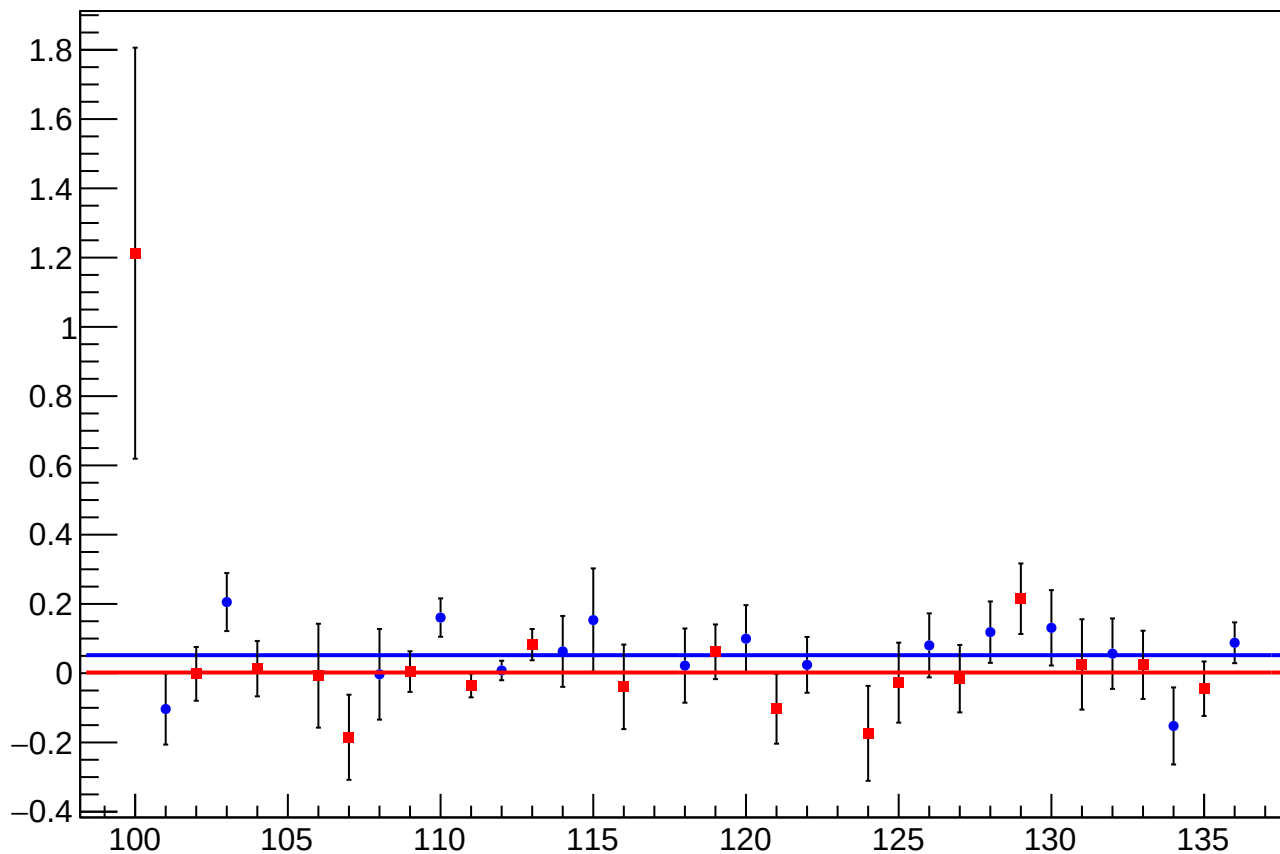
Right: 42.319+/-0.009 χ^2/NDF : 4975262.4/33

In: 41.119+/-0.013 χ^2/NDF :2925464.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 42.319+/-0.009 χ^2/NDF : 4975262.4/33

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: 0.002+/-0.018 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

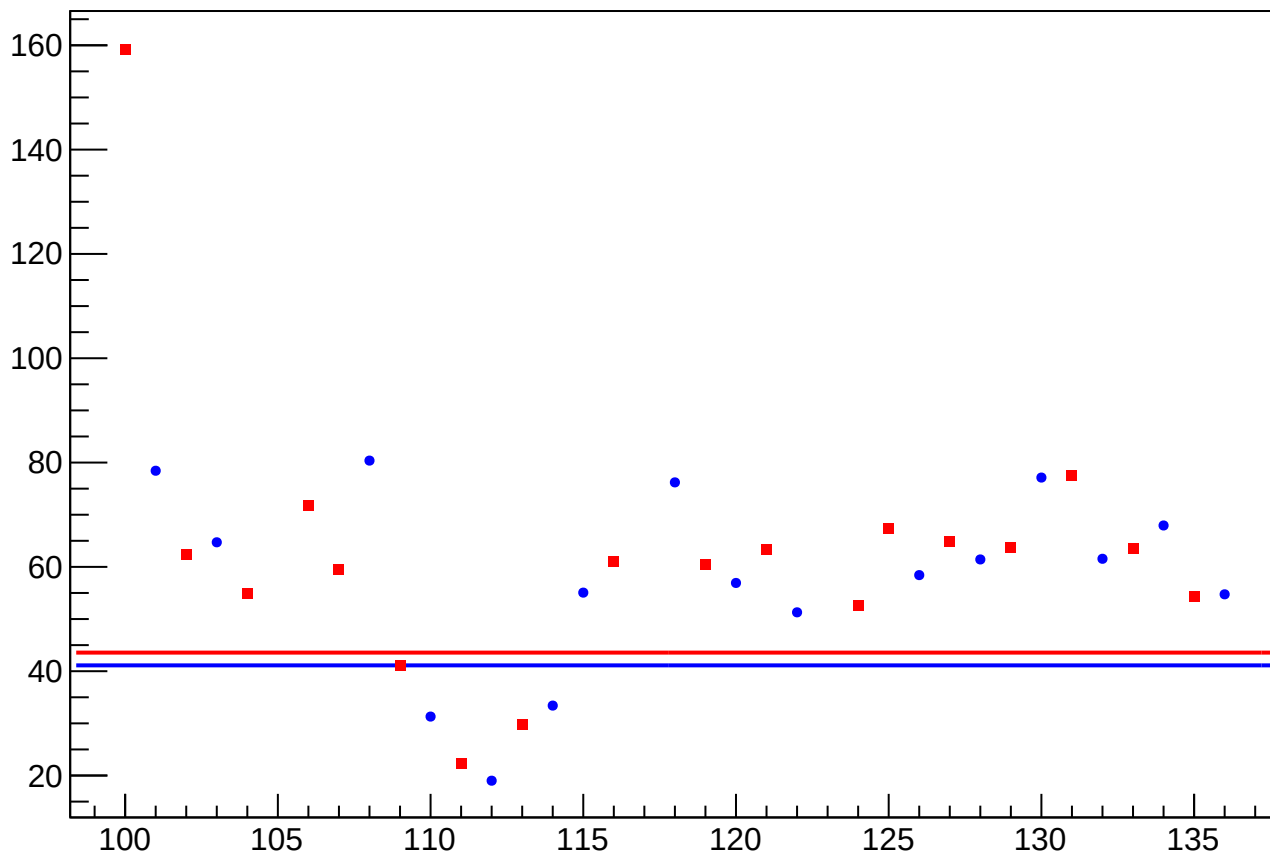
Right: 0.027+/-0.013 χ^2/NDF : 41.1/33

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 : 41.1/33

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: 43.565+/-0.013 χ^2/NDF : 2031221.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

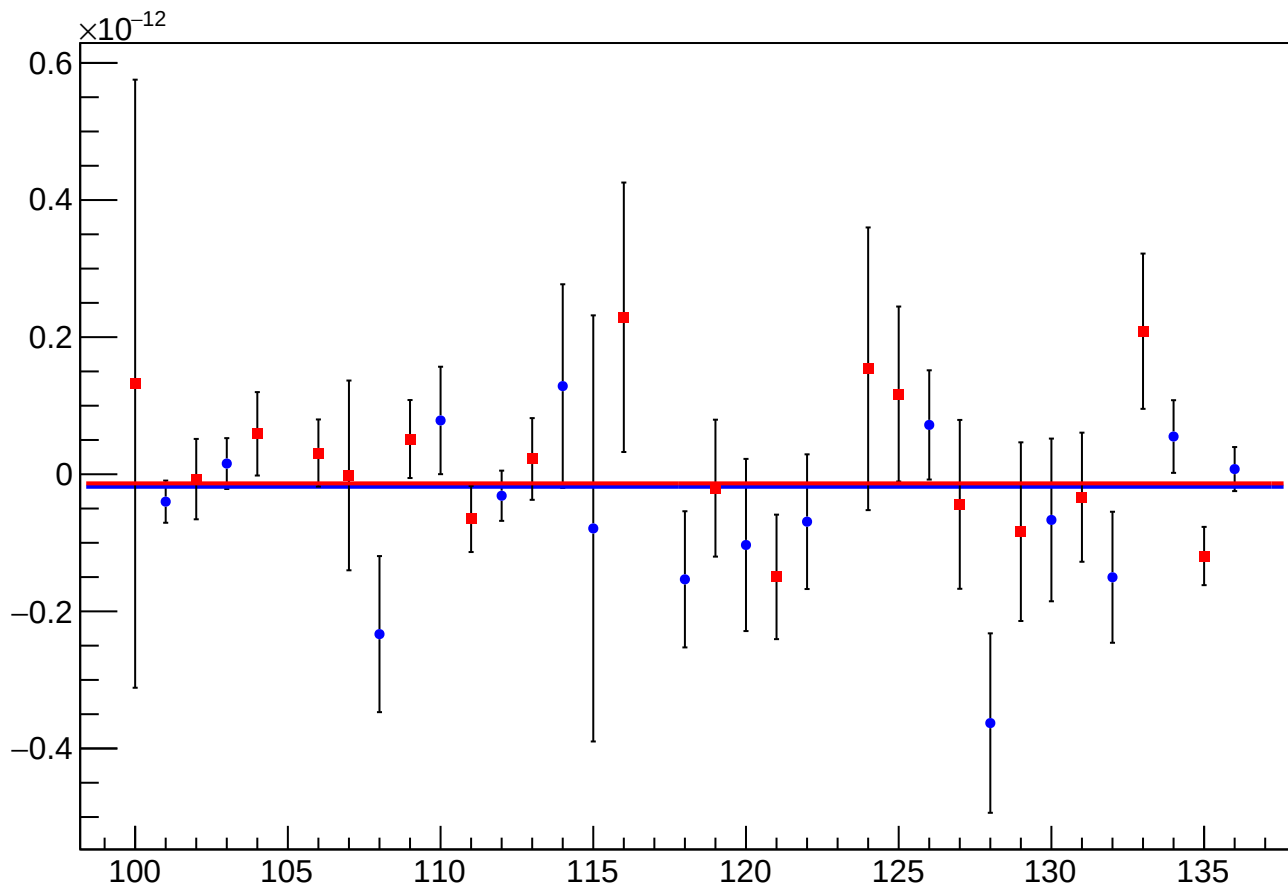
Right: 42.319+/-0.009 χ^2/NDF : 4975262.4/33

In: 41.119+/-0.013 χ^2/NDF : 2925464.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.319+/-0.009 χ^2/NDF : 4975262.4/33

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 : 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

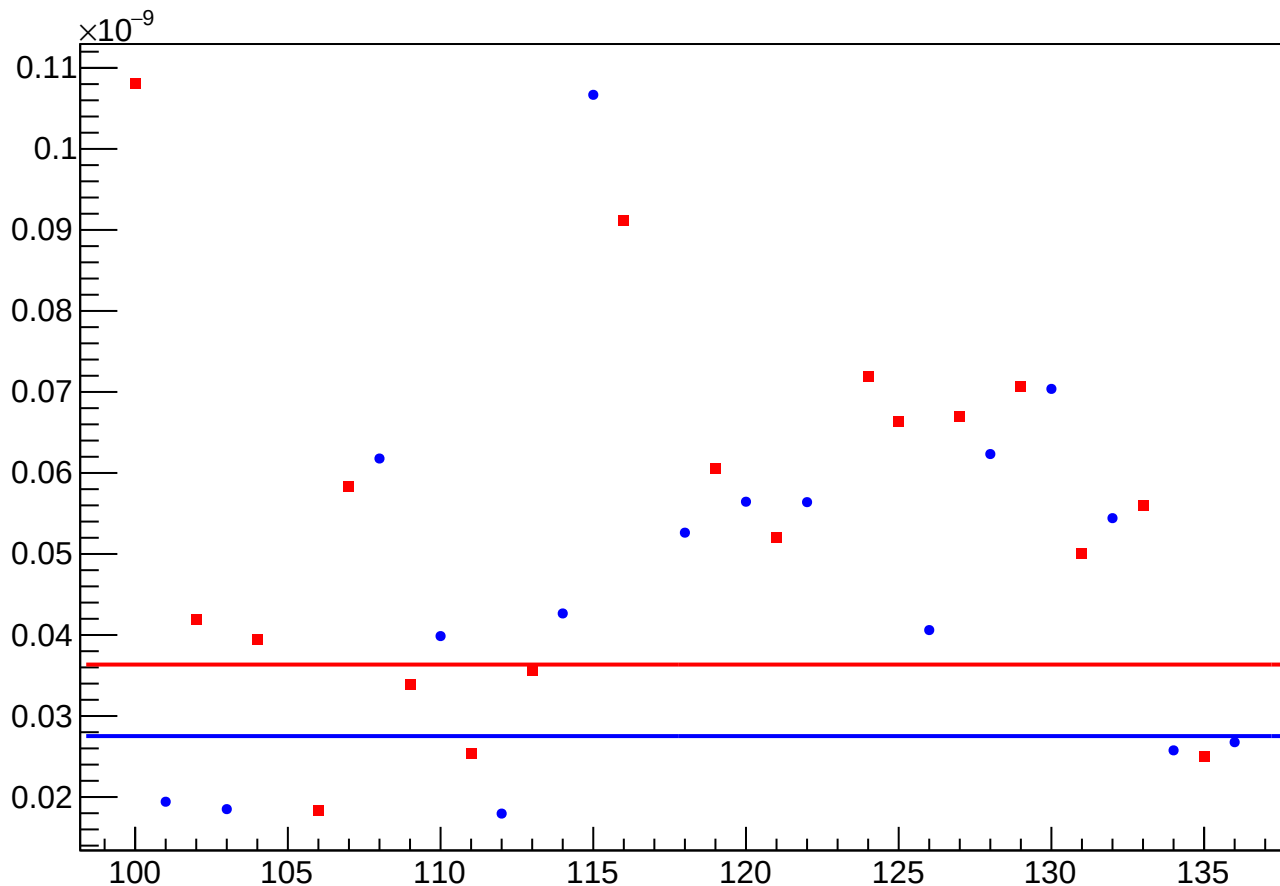
Right: -0.000+/-0.000 χ^2/NDF : 44.1/33

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 : 44.1/33

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 : 1517221.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

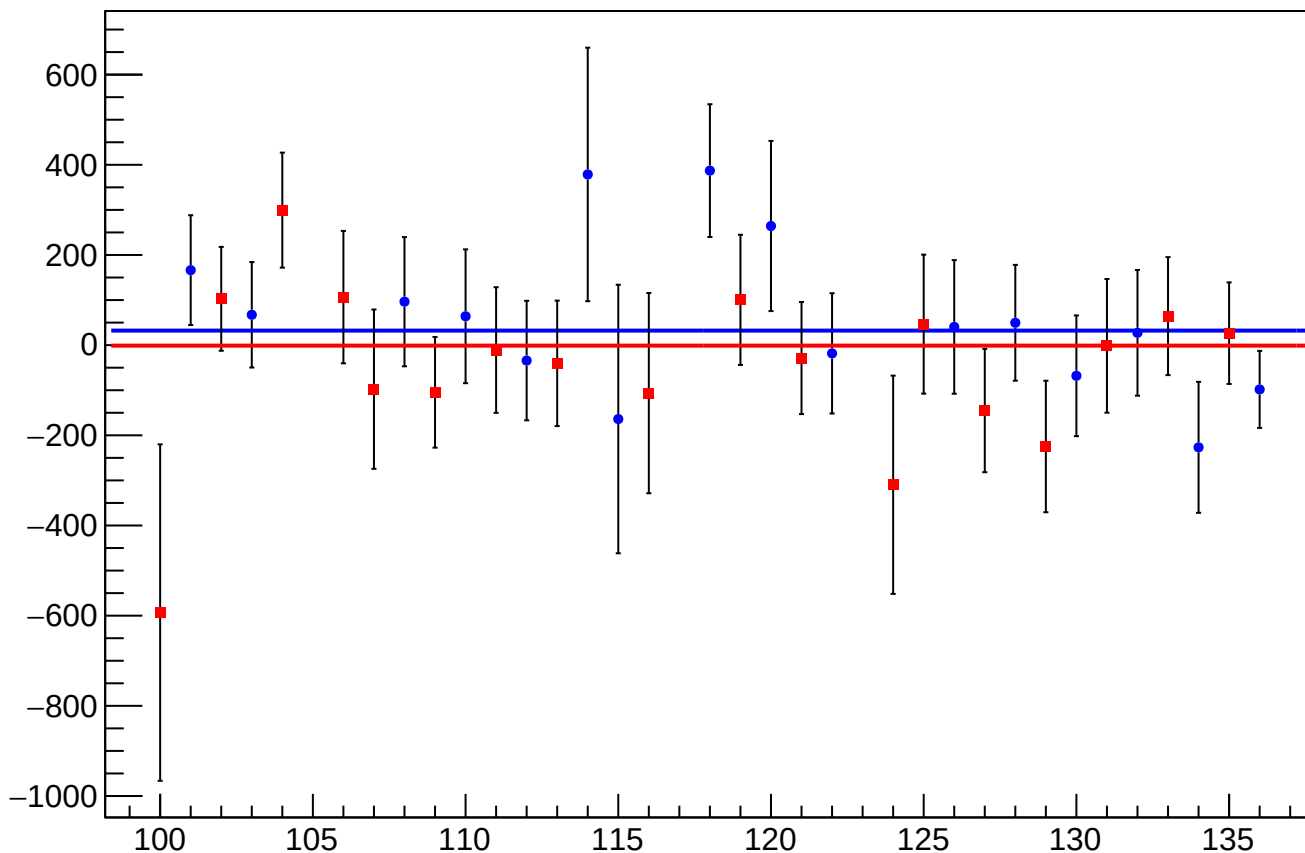
Right: 0.000+/-0.000 χ^2/NDF : 3619921.5/33

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 : 3619921.5/33

reg_asym_sam_15_dd_mean vs Slug, Sign Corrected



Right In: 32.297+/-34.429 χ^2/NDF : 17.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.063+/-33.956 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

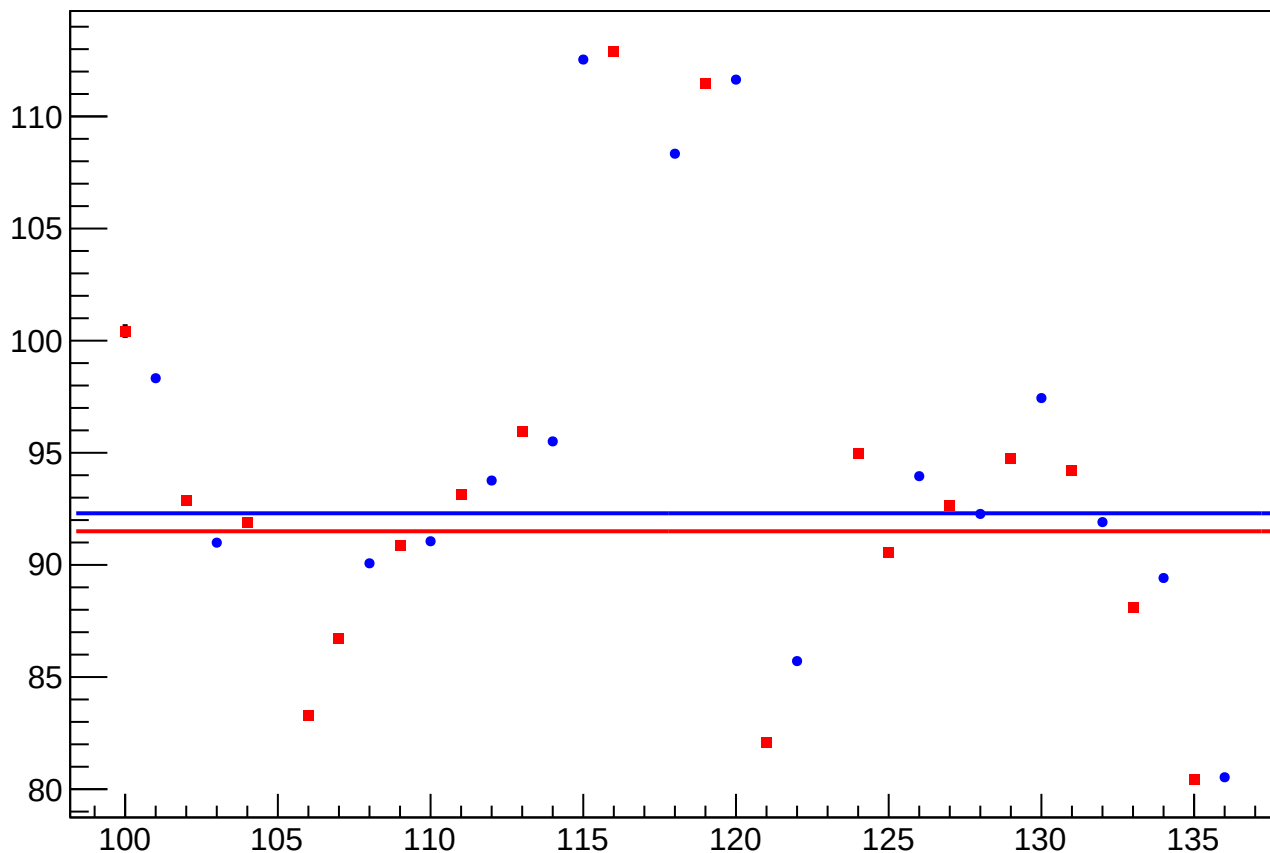
Right: 15.387+/-24.176 χ^2/NDF : 34.6/33

In: 32.297+/-34.429 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.387+/-24.176 χ^2/NDF : 34.6/33

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: 91.501 $\pm$ 0.024 χ^2 /NDF: 102726.1/17

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

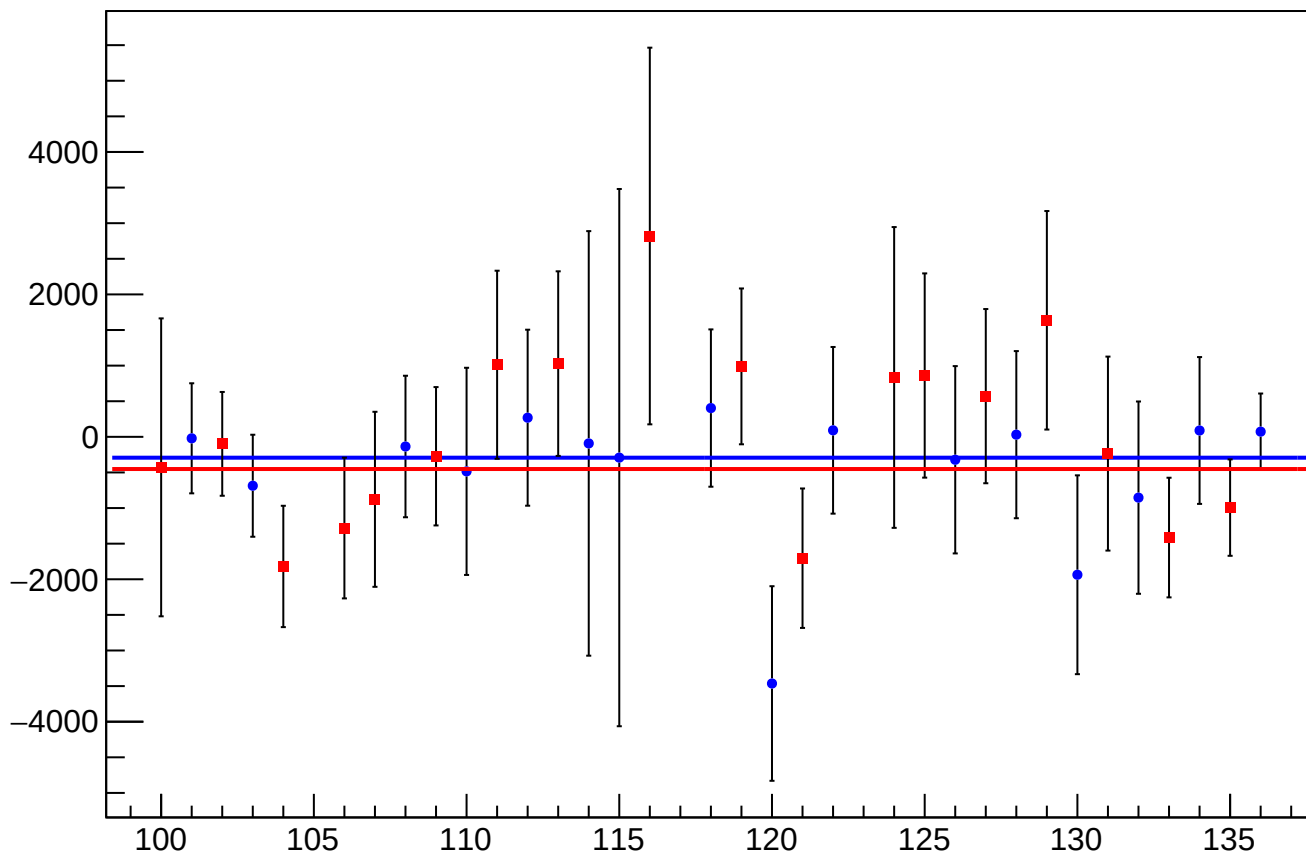
Right: 91.896 $\pm$ 0.017 χ^2 /NDF: 210342.0/33

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: 91.896 $\pm$ 0.017 χ^2 /NDF: 210342.0/33

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: -451.931 ± 255.078 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

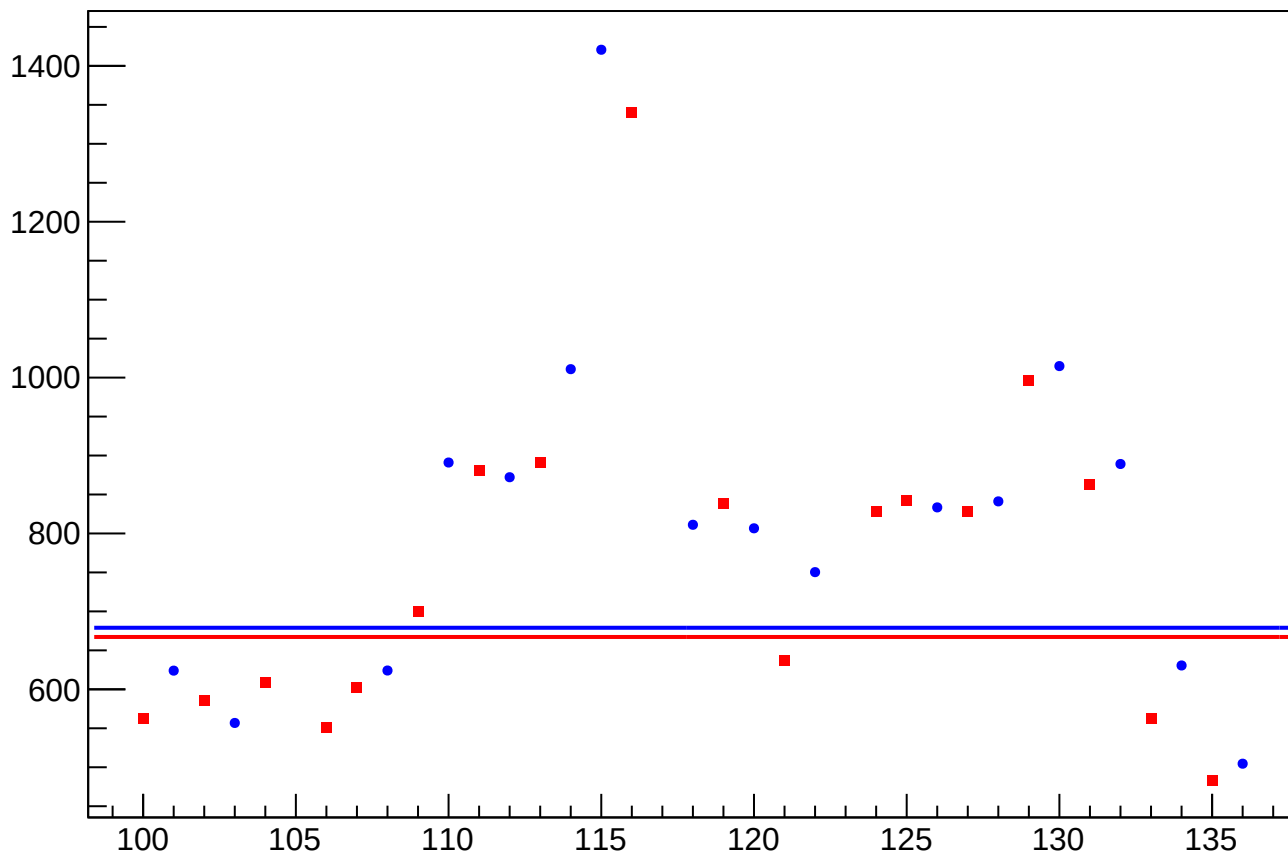
Right: -373.770 ± 181.977 χ^2/NDF : 25.9/33

In: -292.756 ± 259.692 χ^2/NDF : 8.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -373.770 ± 181.977 χ^2/NDF : 25.9/33

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: 667.179+/-0.180 χ^2/NDF : 755479.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

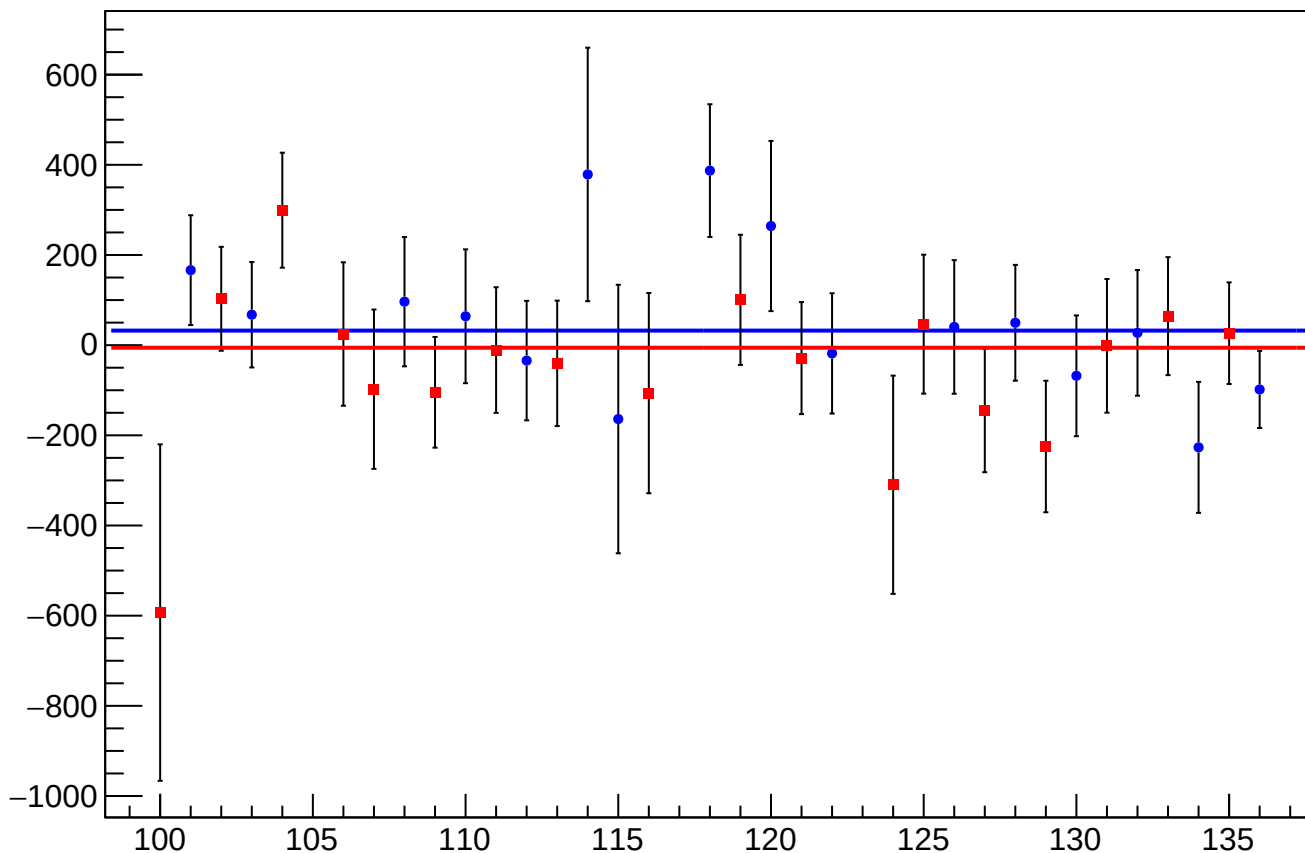
Right: 672.985+/-0.129 χ^2/NDF : 1525572.5/33

In: 679.003+/-0.184 χ^2/NDF :767983.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 672.985+/-0.129 χ^2/NDF : 1525572.5/33

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: -5.668+/-34.091 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

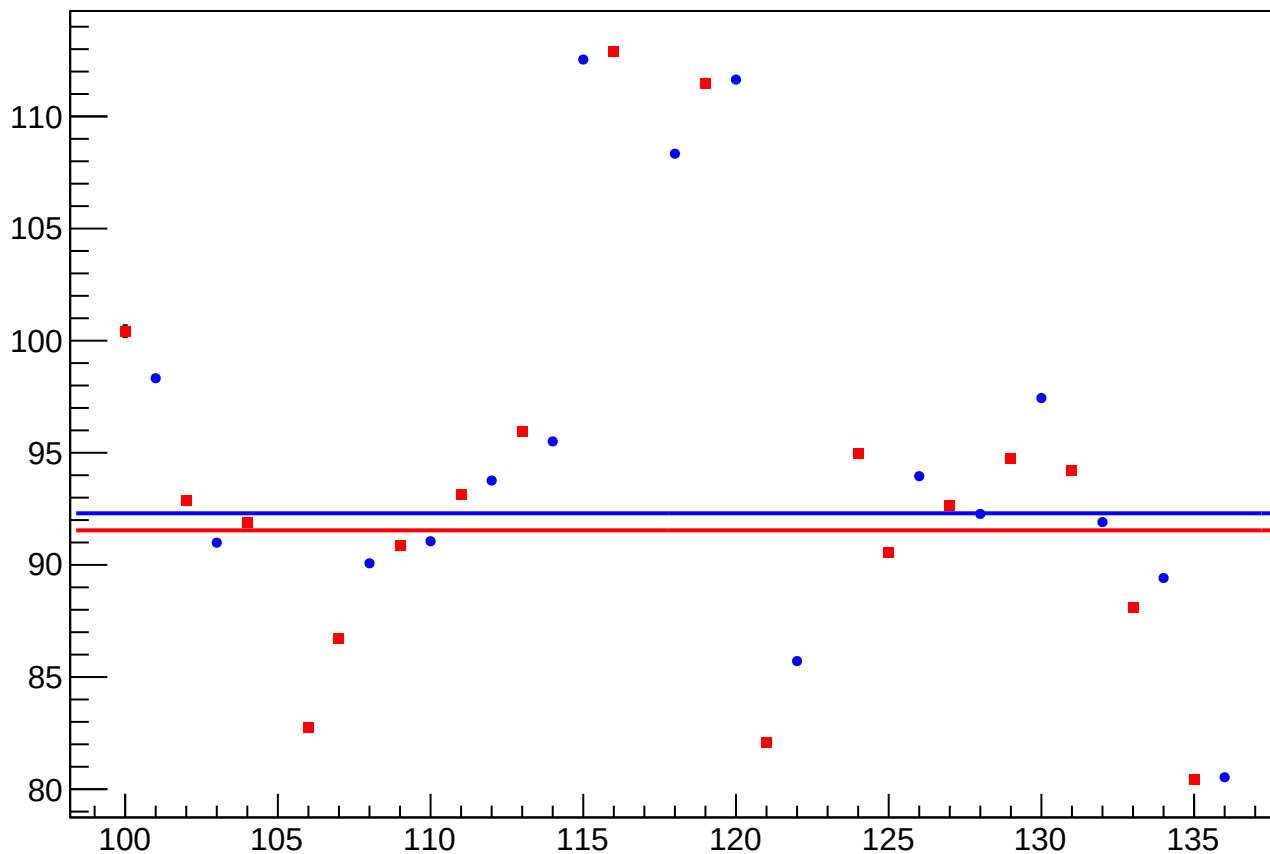
Right: 13.135+/-24.225 χ^2/NDF : 34.2/33

In: 32.312+/-34.429 χ^2/NDF : 17.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.135+/-24.225 χ^2/NDF : 34.2/33

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: 91.542 $\pm$ 0.024 χ^2 /NDF: 102518.7/17

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

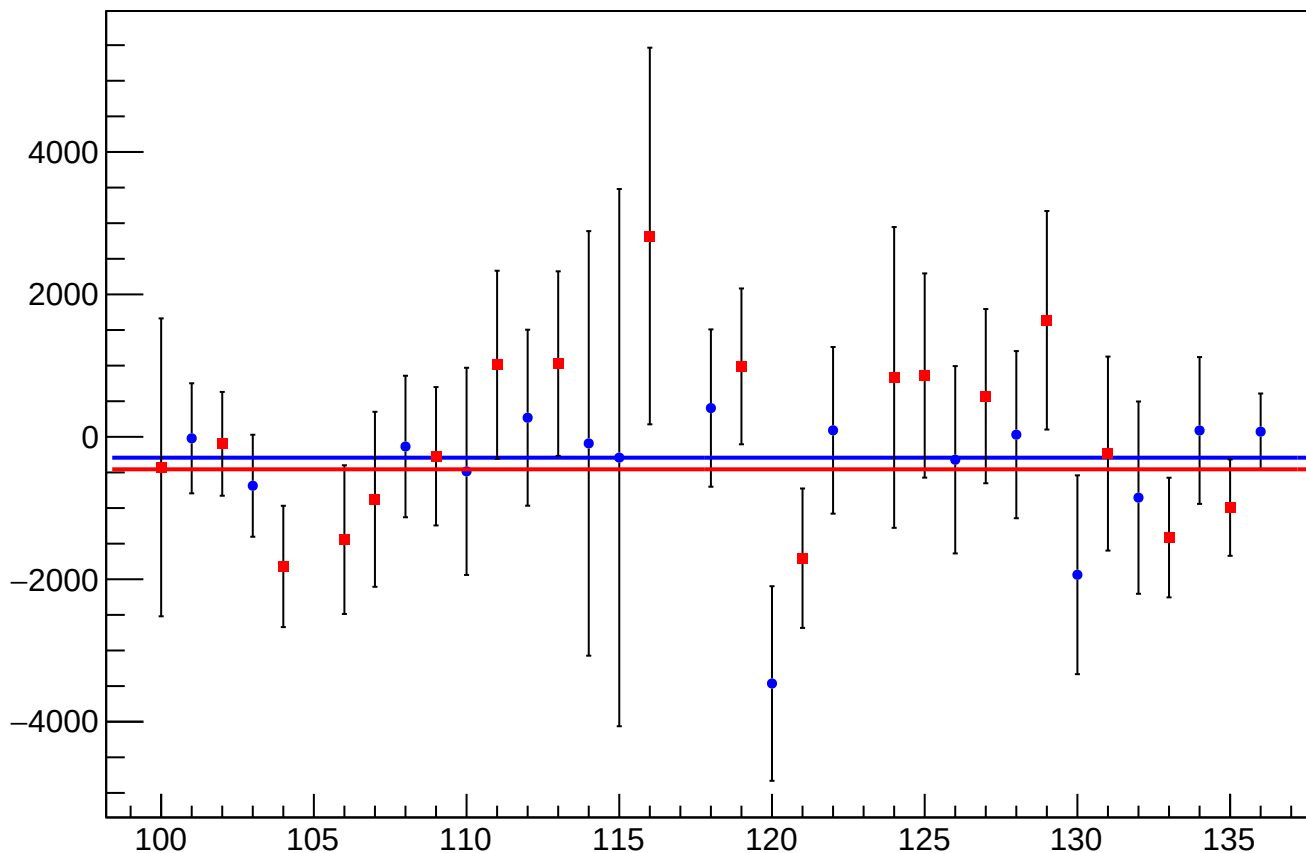
Right: 91.918 $\pm$ 0.017 χ^2 /NDF: 210077.6/33

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: 91.918 $\pm$ 0.017 χ^2 /NDF: 210077.6/33

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: -455.865+/-255.970 χ^2/NDF : 17.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

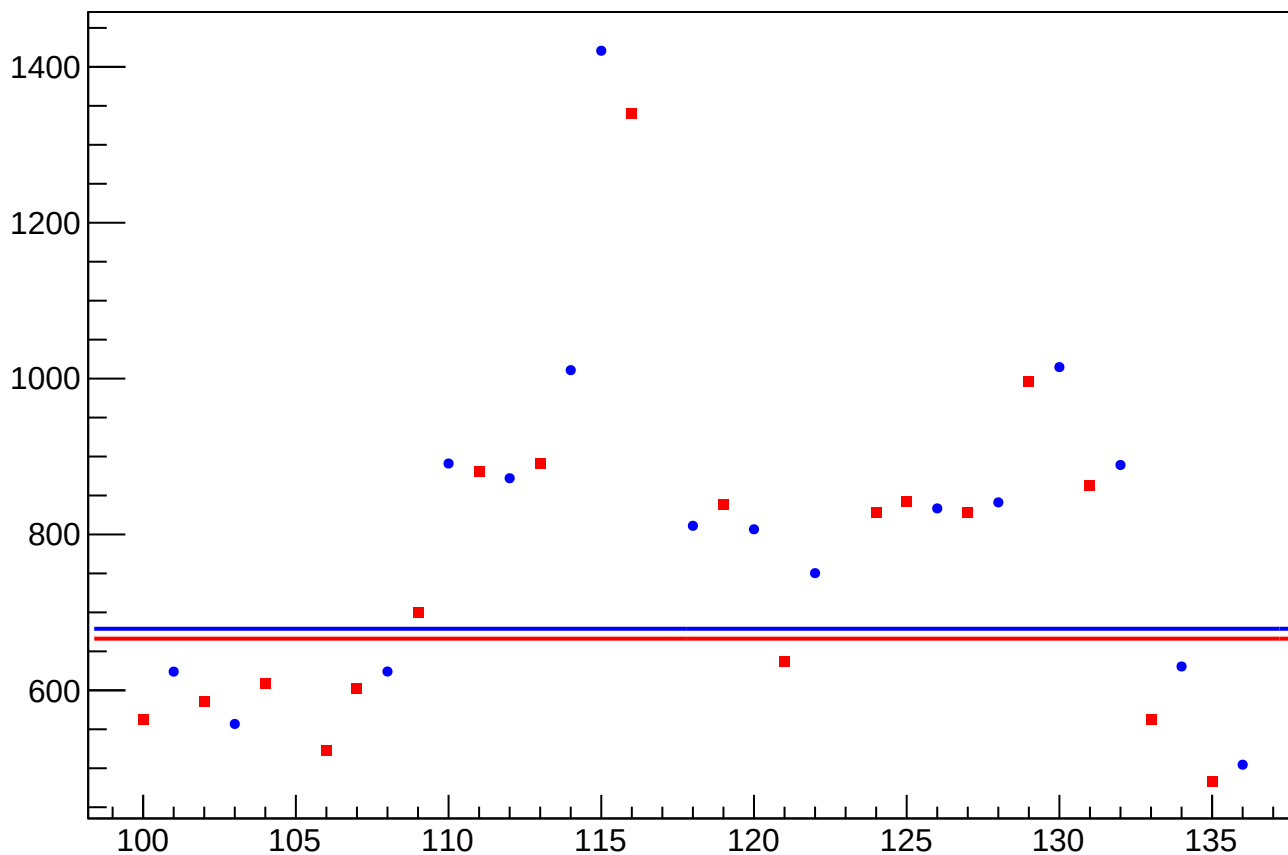
Right: -375.486+/-182.300 χ^2/NDF : 26.1/33

In: -292.753+/-259.692 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.486+/-182.300 χ^2/NDF : 26.1/33

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: 666.318+/-0.181 χ^2/NDF : 765939.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

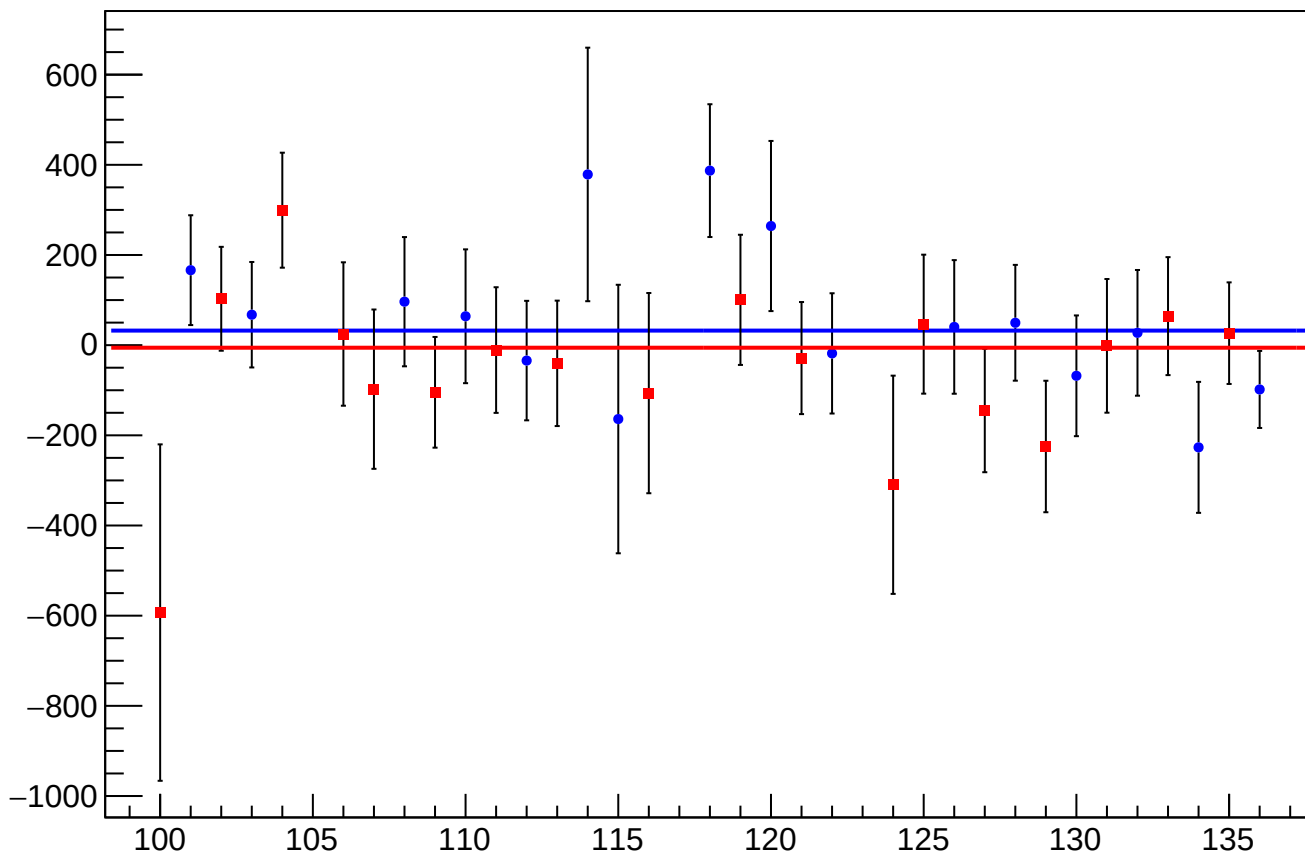
Right: 672.569+/-0.129 χ^2/NDF : 1536345.2/33

In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.569+/-0.129 χ^2/NDF : 1536345.2/33

eigen_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: -5.668 $\pm$ 34.091 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

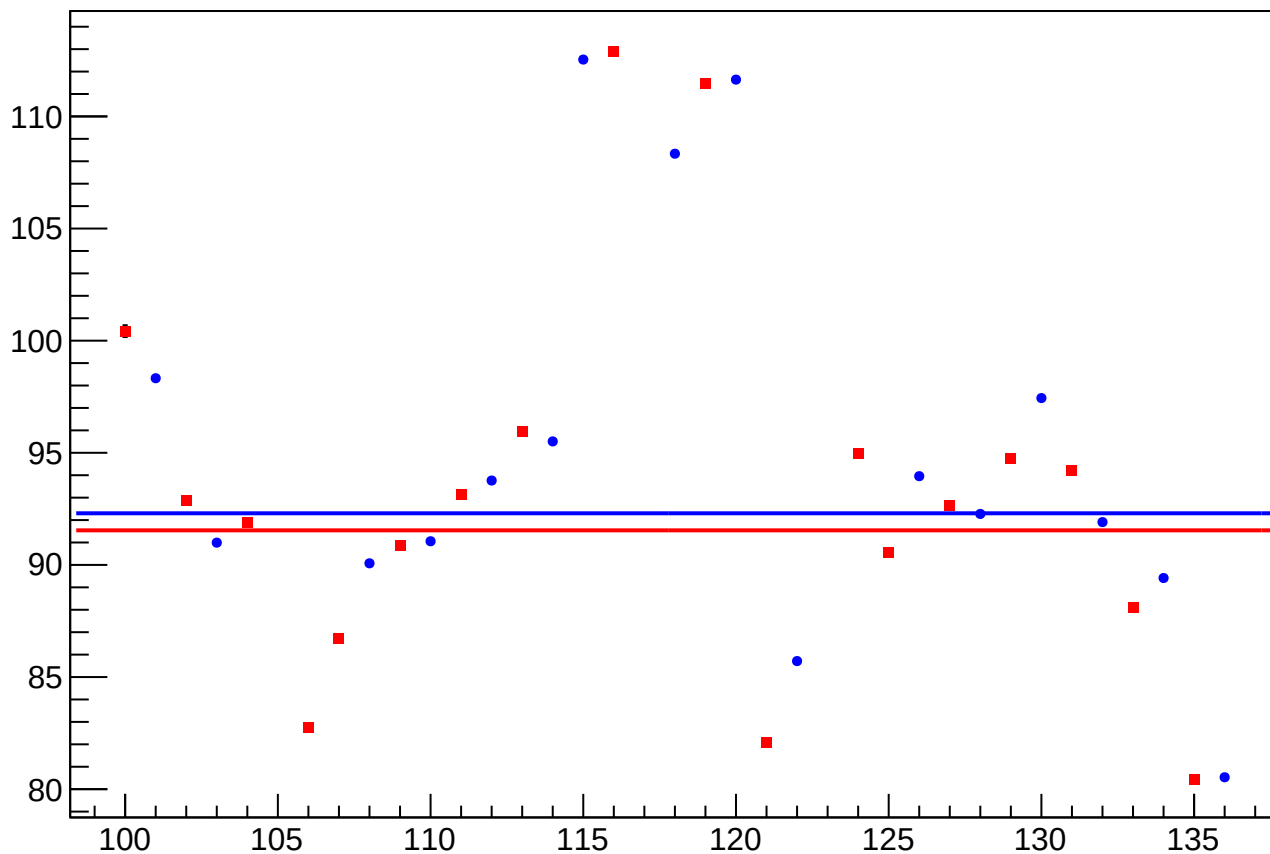
Right: 13.135 $\pm$ 24.225 χ^2 /NDF: 34.2/33

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: 13.135 $\pm$ 24.225 χ^2 /NDF: 34.2/33

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: 91.542 $\pm$ 0.024 χ^2 /NDF: 102518.7/17

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

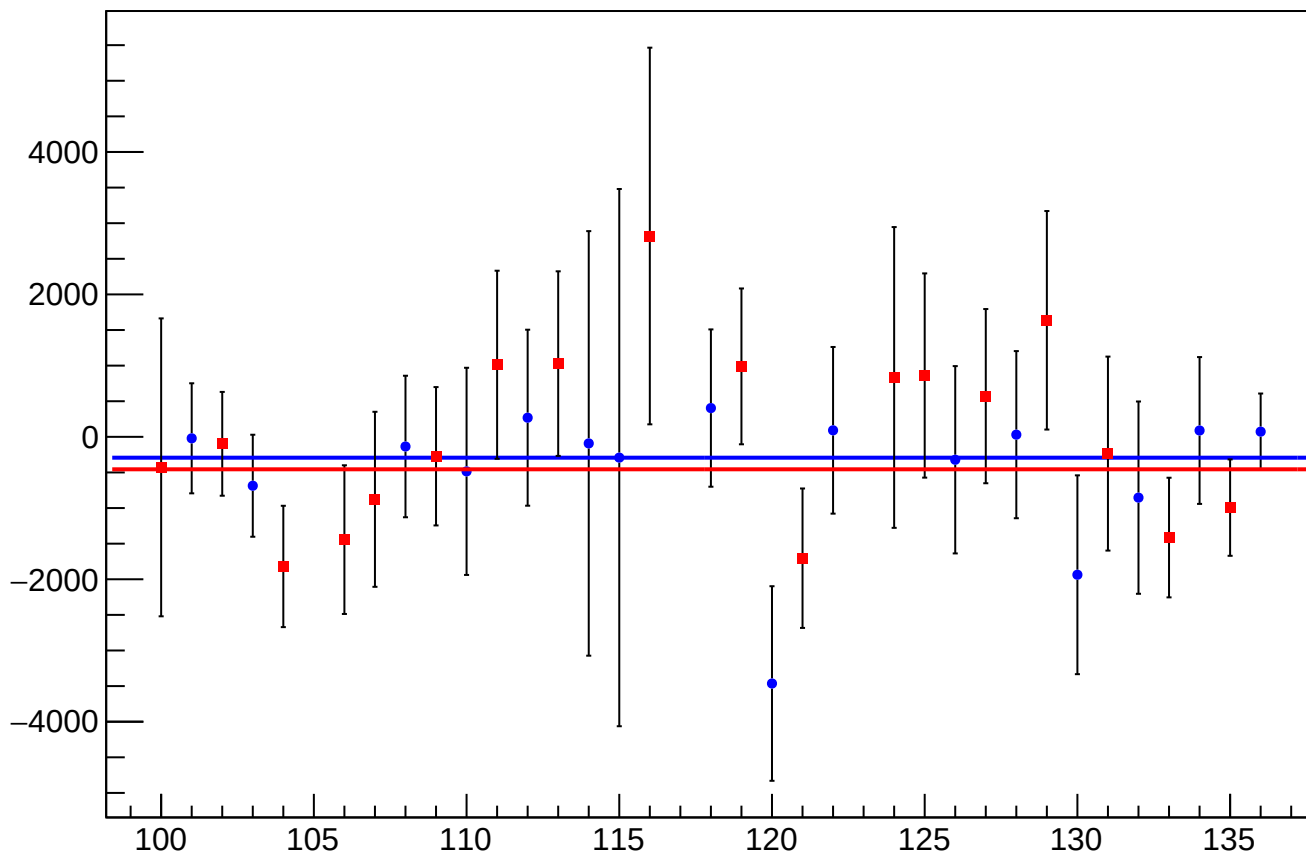
Right: 91.918 $\pm$ 0.017 χ^2 /NDF: 210077.6/33

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: 91.918 $\pm$ 0.017 χ^2 /NDF: 210077.6/33

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: -455.865+/-255.970 χ^2/NDF : 17.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

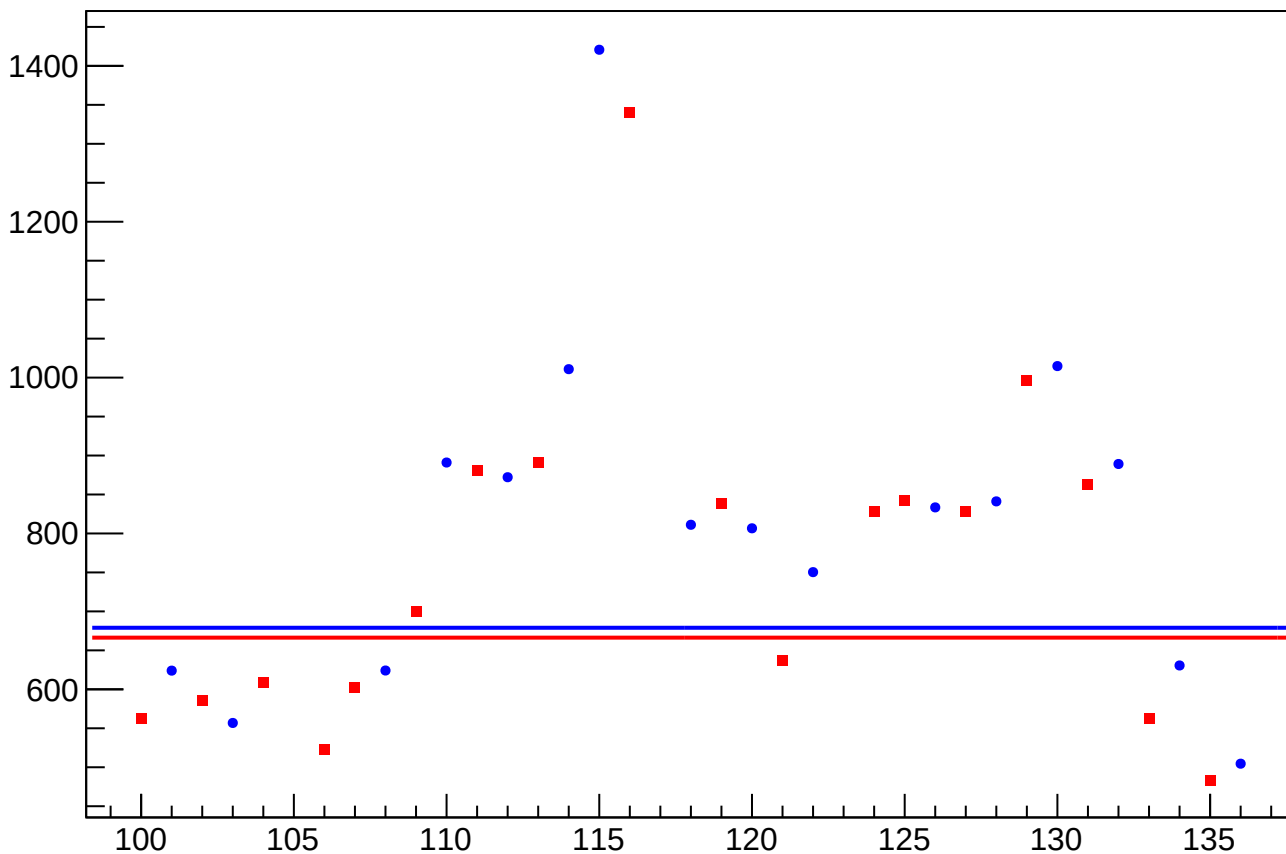
Right: -375.486+/-182.300 χ^2/NDF : 26.1/33

In: -292.753+/-259.692 χ^2/NDF : 8.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -375.486+/-182.300 χ^2/NDF : 26.1/33

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: 666.318+/-0.181 χ^2/NDF : 765939.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

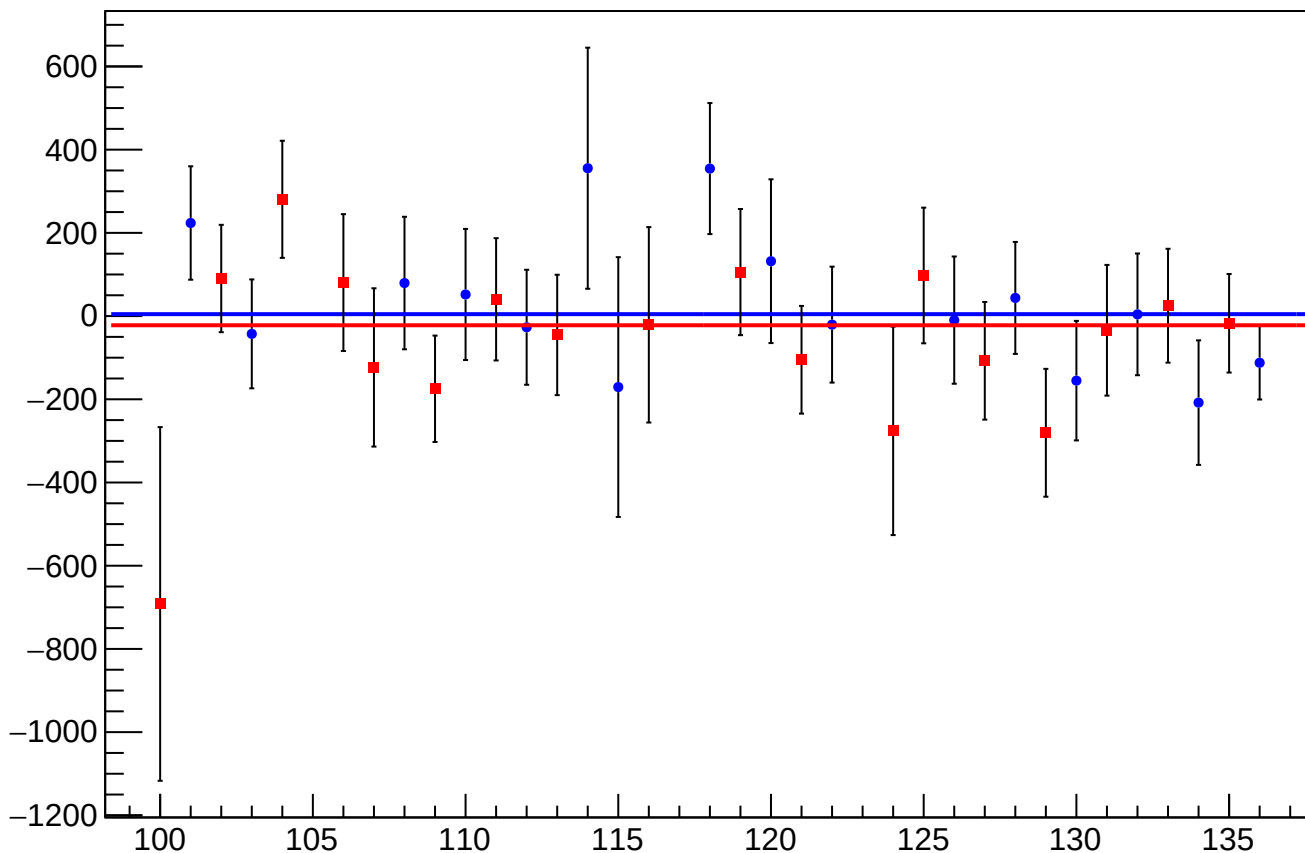
Right: 672.569+/-0.129 χ^2/NDF : 1536345.2/33

In: 679.003+/-0.184 χ^2/NDF : 767985.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 672.569+/-0.129 χ^2/NDF : 1536345.2/33

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: -22.074+/-36.076 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

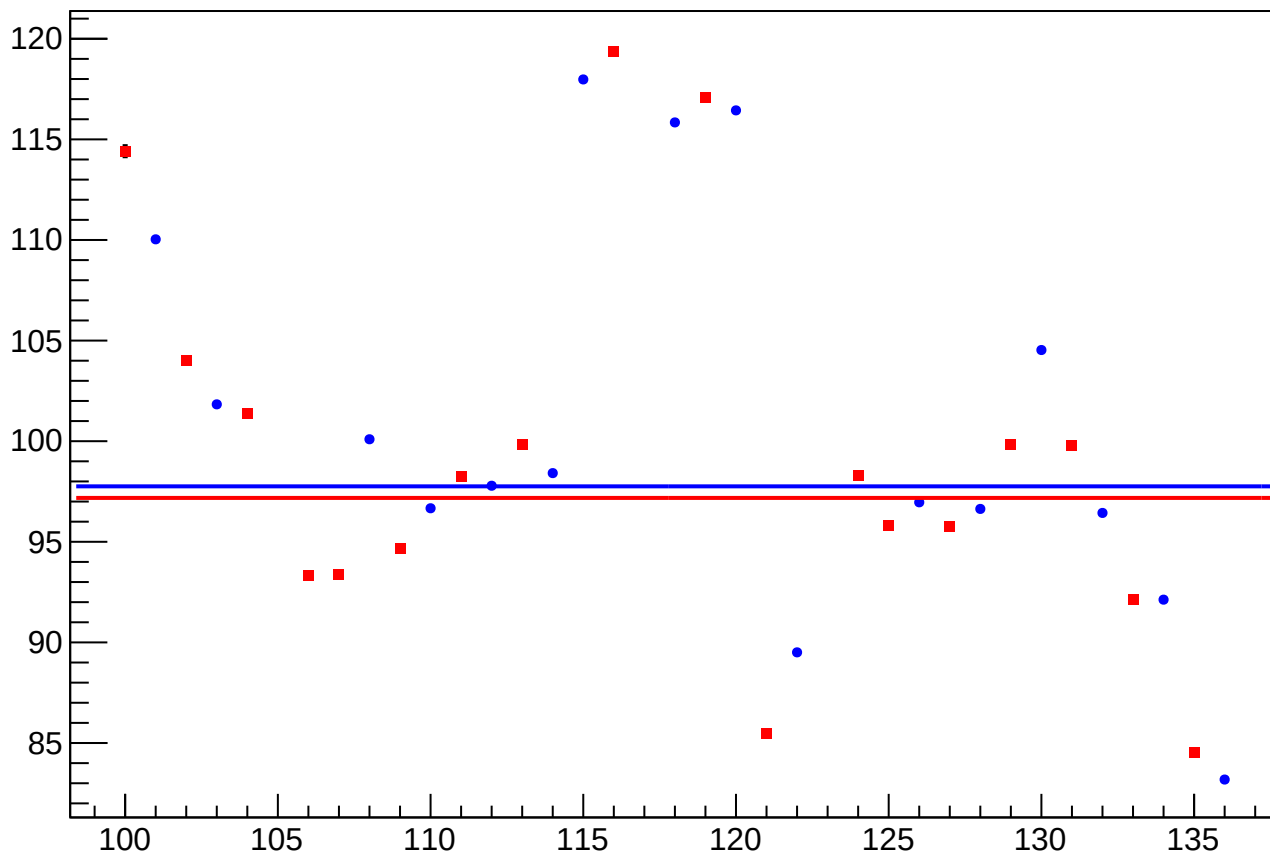
Right: -8.886+/-25.661 χ^2/NDF : 31.8/33

In: 4.619+/-36.509 χ^2/NDF : 15.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.886+/-25.661 χ^2/NDF : 31.8/33

dit_asym_sam_15_dd_rms vs Slug, Sign Corrected



Right In: 97.756+/-0.026 χ^2/NDF : 140654.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.181+/-0.026 χ^2/NDF : 109854.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

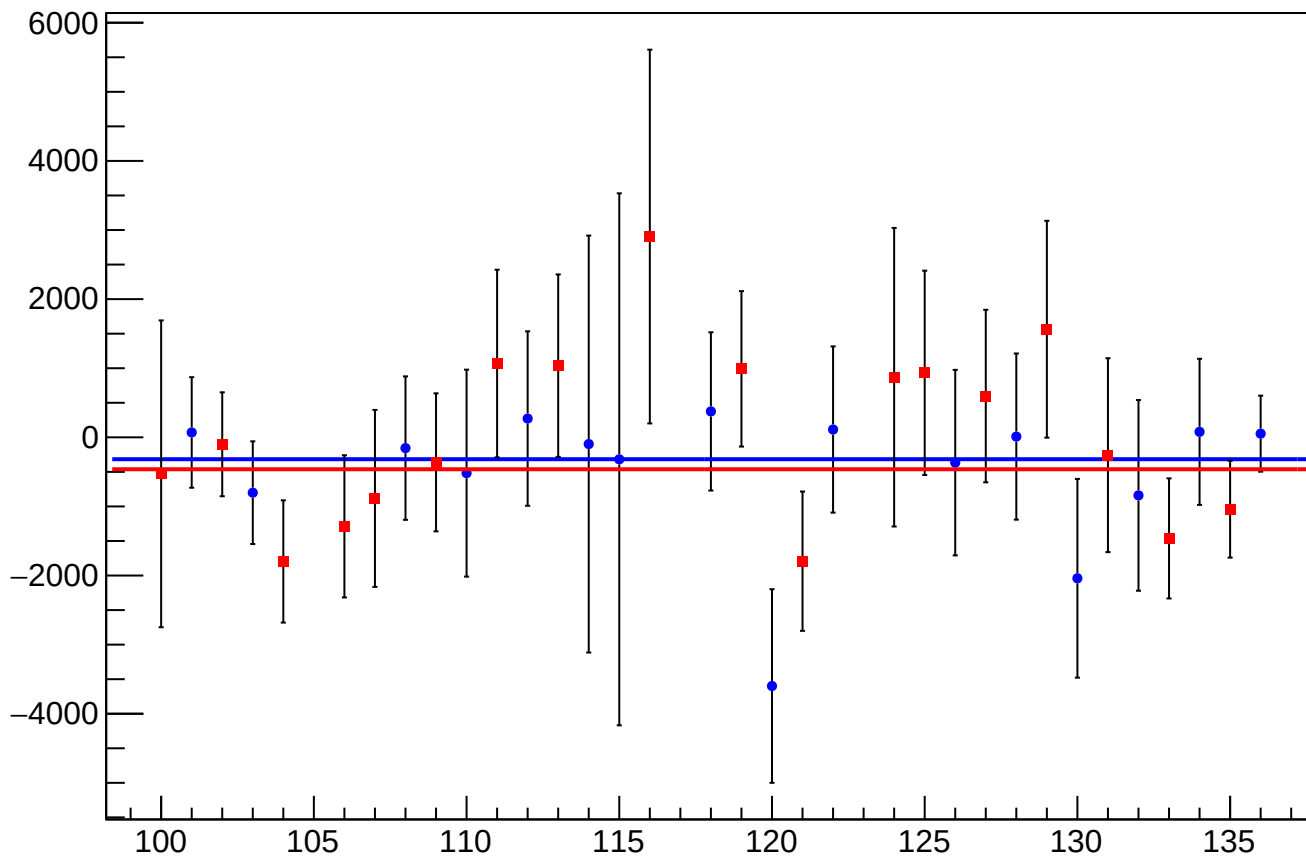
Right: 97.465+/-0.018 χ^2/NDF : 250760.1/33

In: 97.756+/-0.026 χ^2/NDF : 140654.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.465+/-0.018 χ^2/NDF : 250760.1/33

asym_sam_15_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.572+/-267.515 χ^2/NDF : 9.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -461.941+/-263.322 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

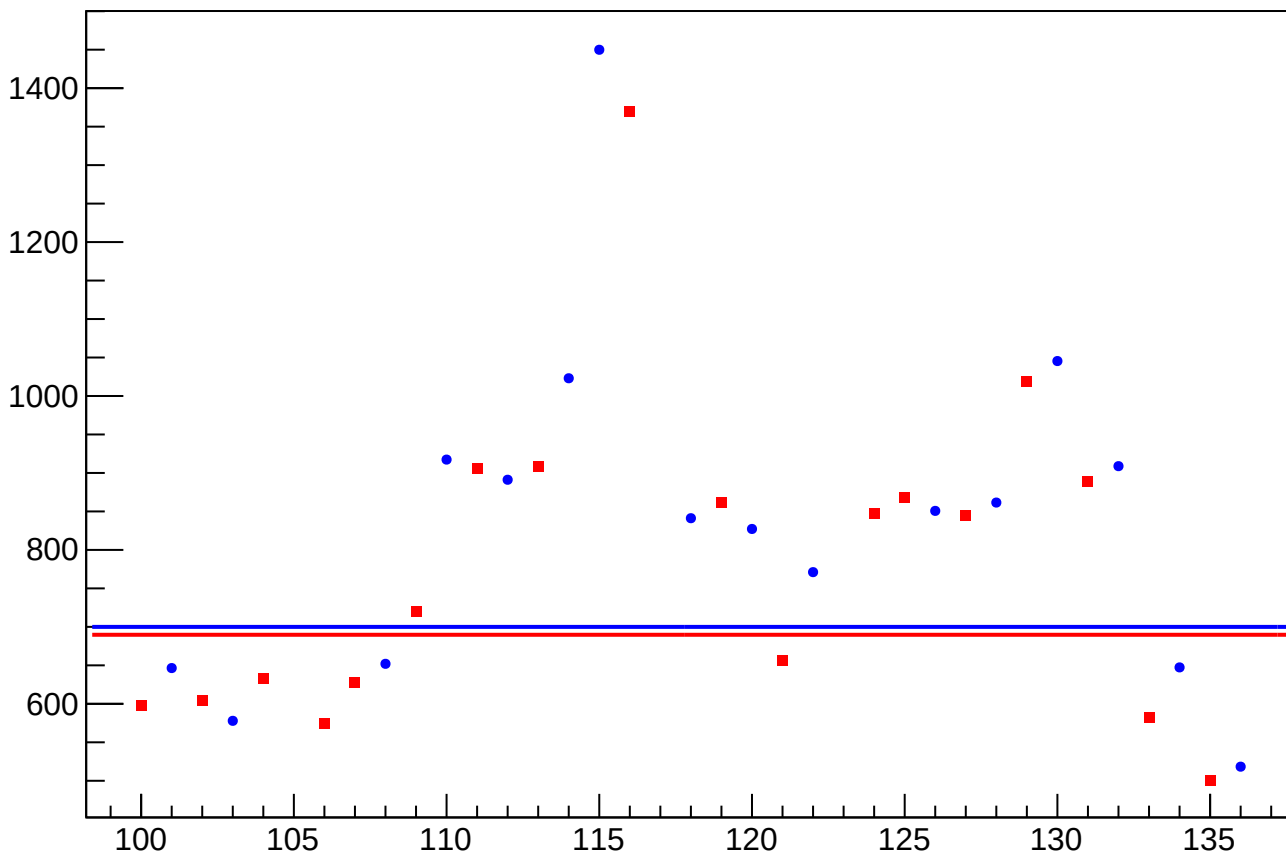
Right: -390.404+/-187.662 χ^2/NDF : 25.8/33

In: -316.572+/-267.515 χ^2/NDF : 9.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.404+/-187.662 χ^2/NDF : 25.8/33

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: 689.726+/-0.186 χ^2/NDF : 725693.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

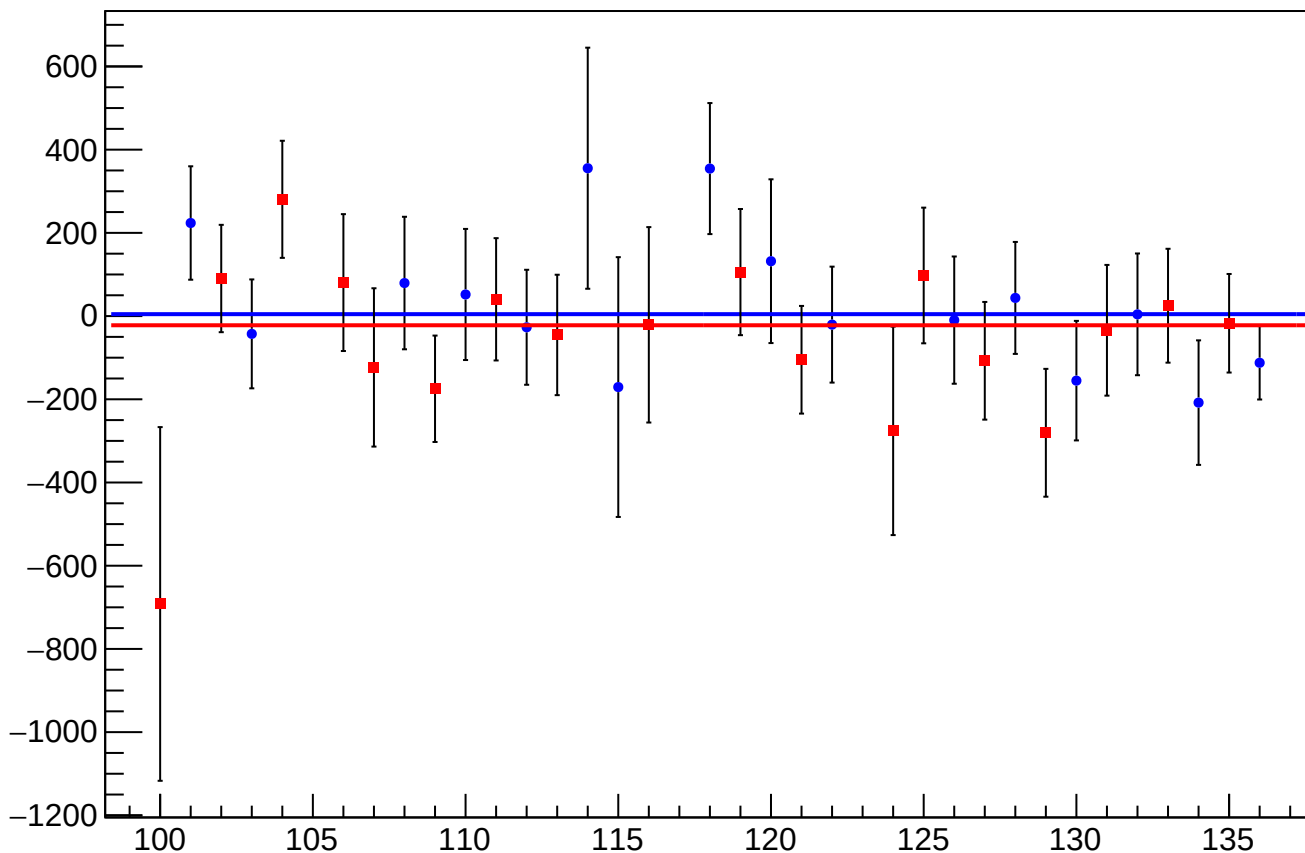
Right: 694.768+/-0.133 χ^2/NDF : 1480849.5/33

In: 699.973+/-0.189 χ^2/NDF : 753665.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.768+/-0.133 χ^2/NDF : 1480849.5/33

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: -22.074+/-36.076 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

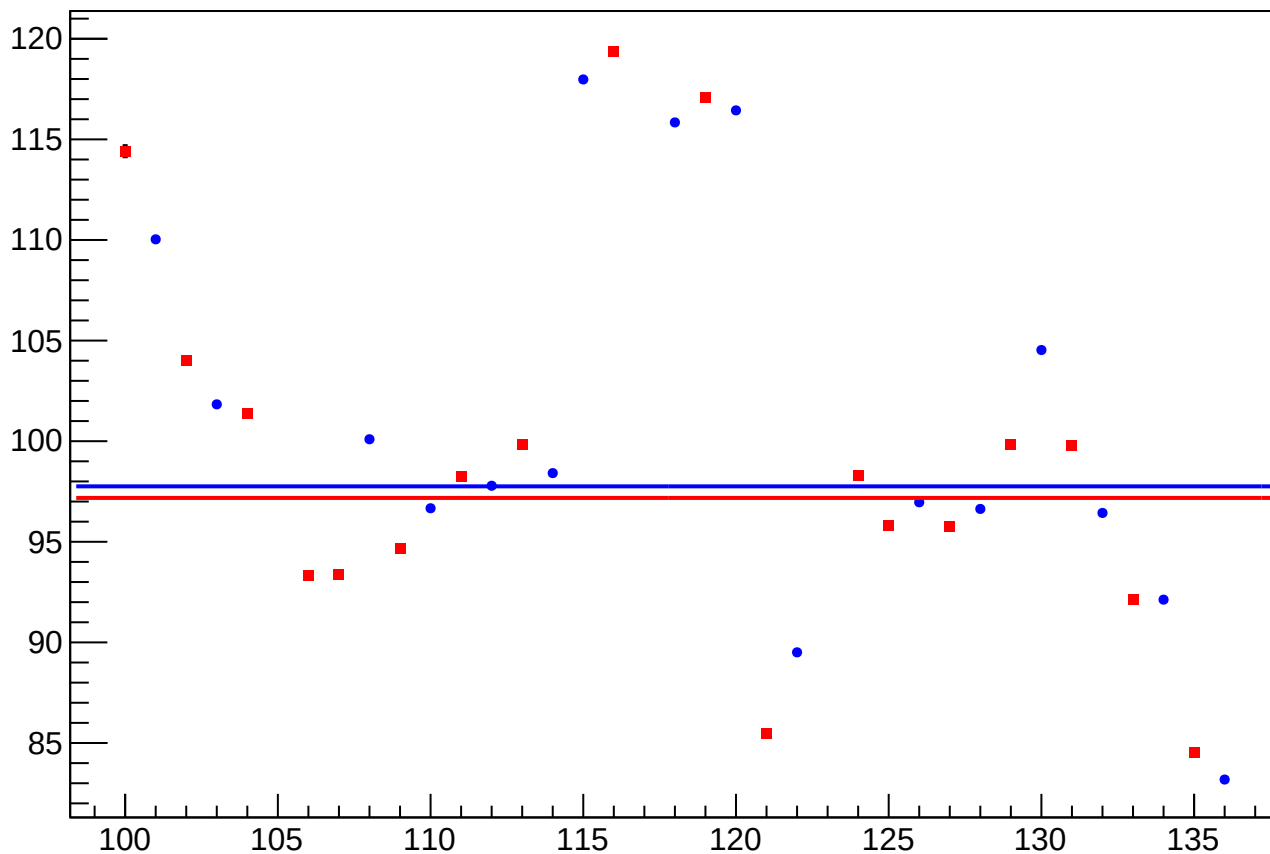
Right: -8.886+/-25.661 χ^2 /NDF: 31.8/33

In: 4.620+/-36.509 χ^2 /NDF:15.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -8.886+/-25.661 χ^2 /NDF: 31.8/33

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: 97.180+/-0.026 χ^2/NDF : 109856.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

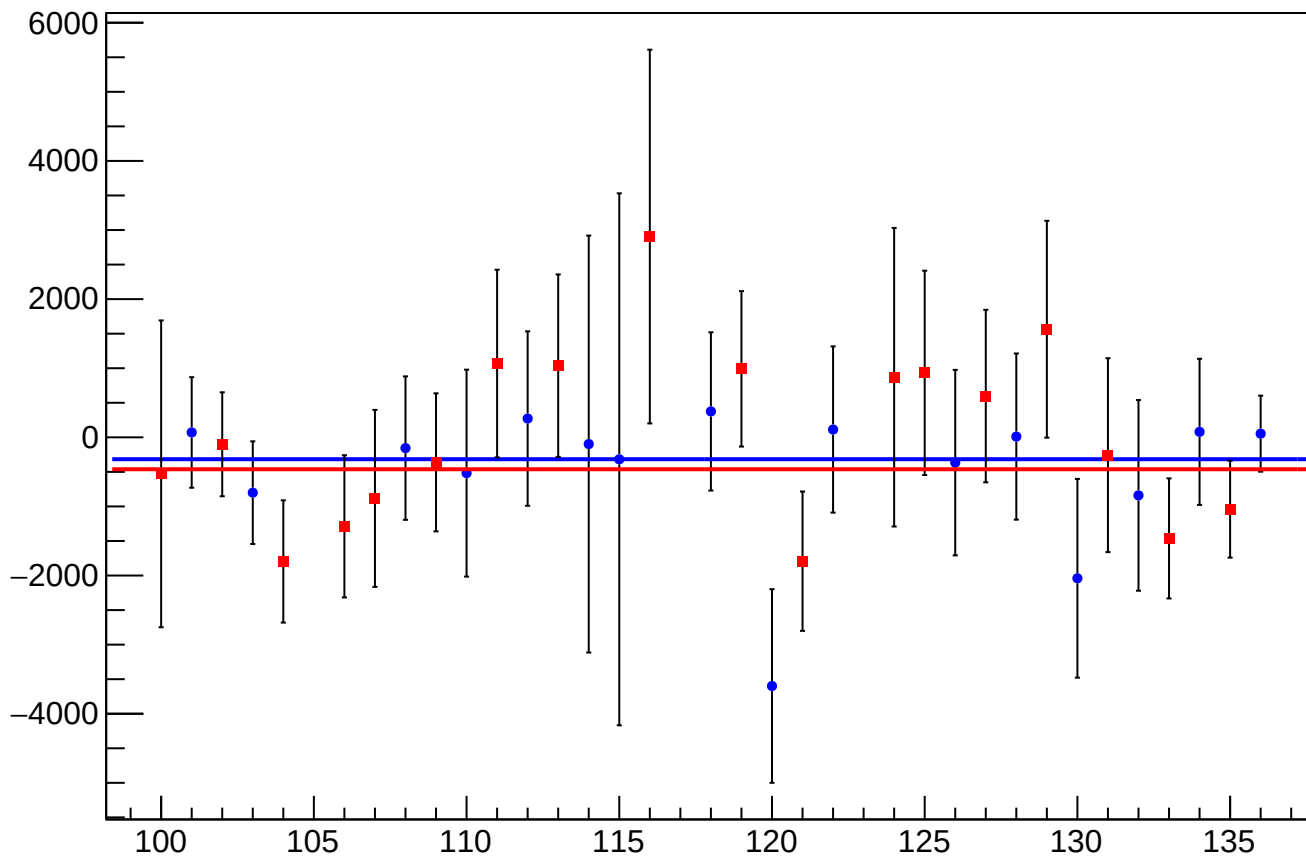
Right: 97.465+/-0.018 χ^2/NDF : 250762.7/33

In: 97.756+/-0.026 χ^2/NDF : 140654.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.465+/-0.018 χ^2/NDF : 250762.7/33

asym_sam_15_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -316.570+/-267.515 χ^2/NDF : 9.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -461.941+/-263.321 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

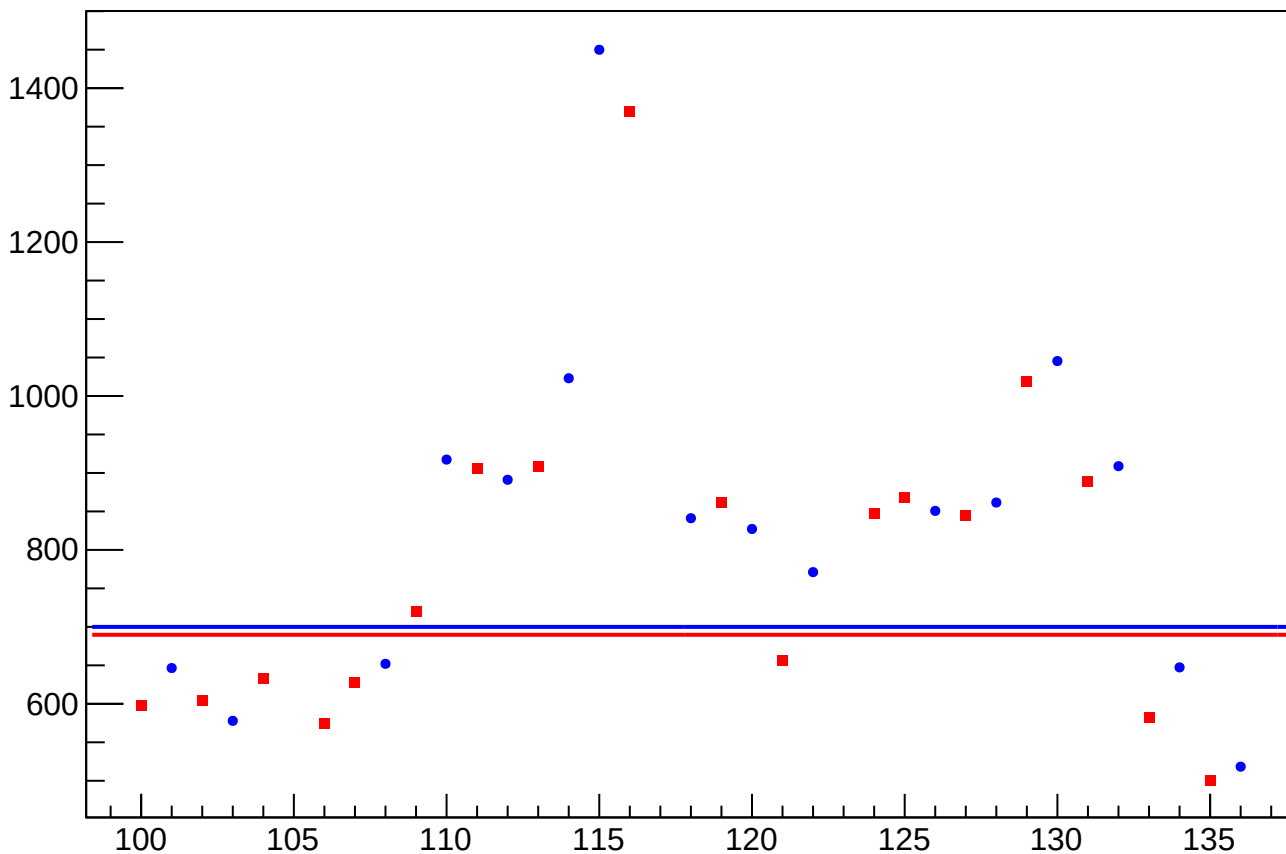
Right: -390.404+/-187.661 χ^2/NDF : 25.8/33

In: -316.570+/-267.515 χ^2/NDF : 9.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -390.404+/-187.661 χ^2/NDF : 25.8/33

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: 689.724+/-0.186 χ^2/NDF : 725696.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

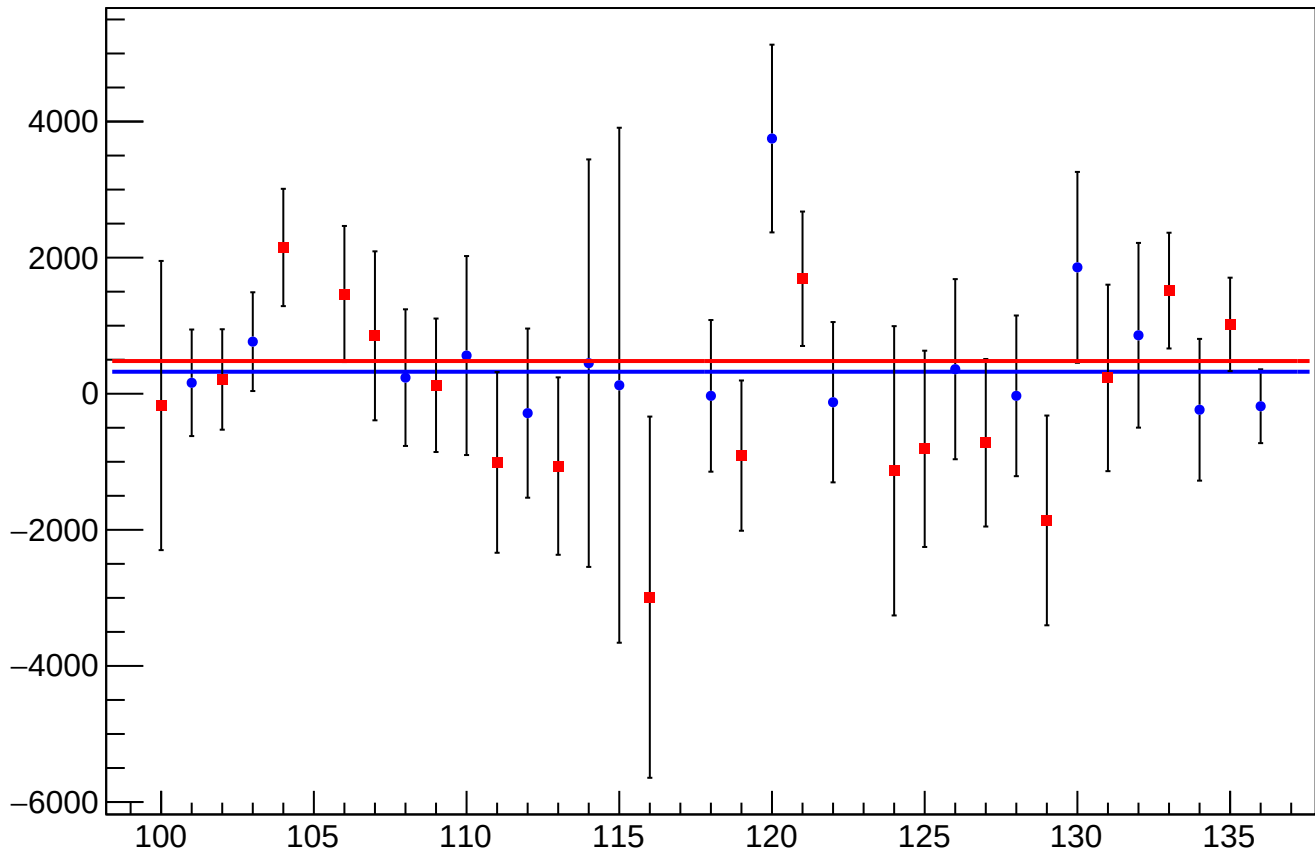
Right: 694.767+/-0.133 χ^2/NDF : 1480854.5/33

In: 699.971+/-0.189 χ^2/NDF : 753668.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.767+/-0.133 χ^2/NDF : 1480854.5/33

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: 480.467+/-257.710 χ^2/NDF : 19.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

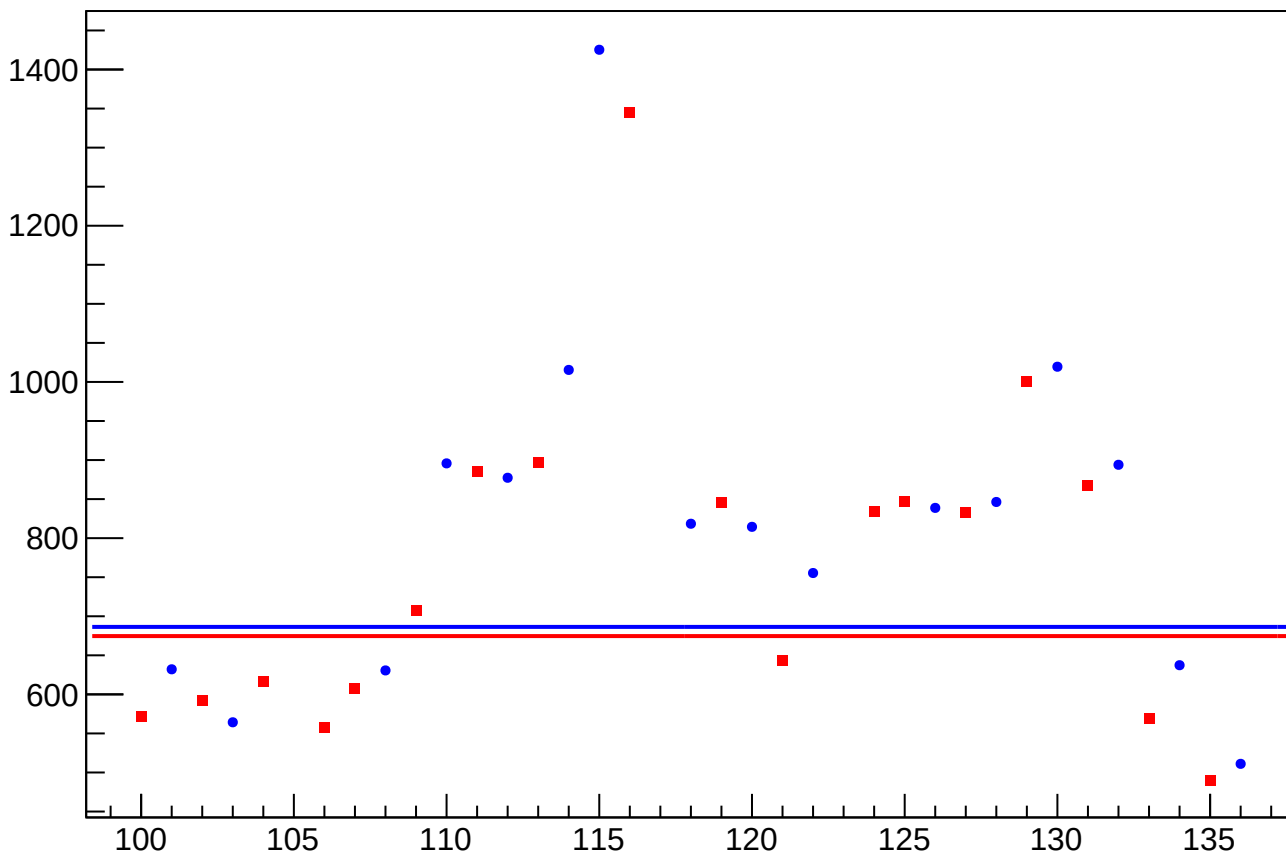
Right: 403.230+/-183.841 χ^2/NDF : 29.3/33

In: 323.198+/-262.332 χ^2/NDF : 9.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 403.230+/-183.841 χ^2/NDF : 29.3/33

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: 674.634+/-0.182 χ^2/NDF : 737619.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

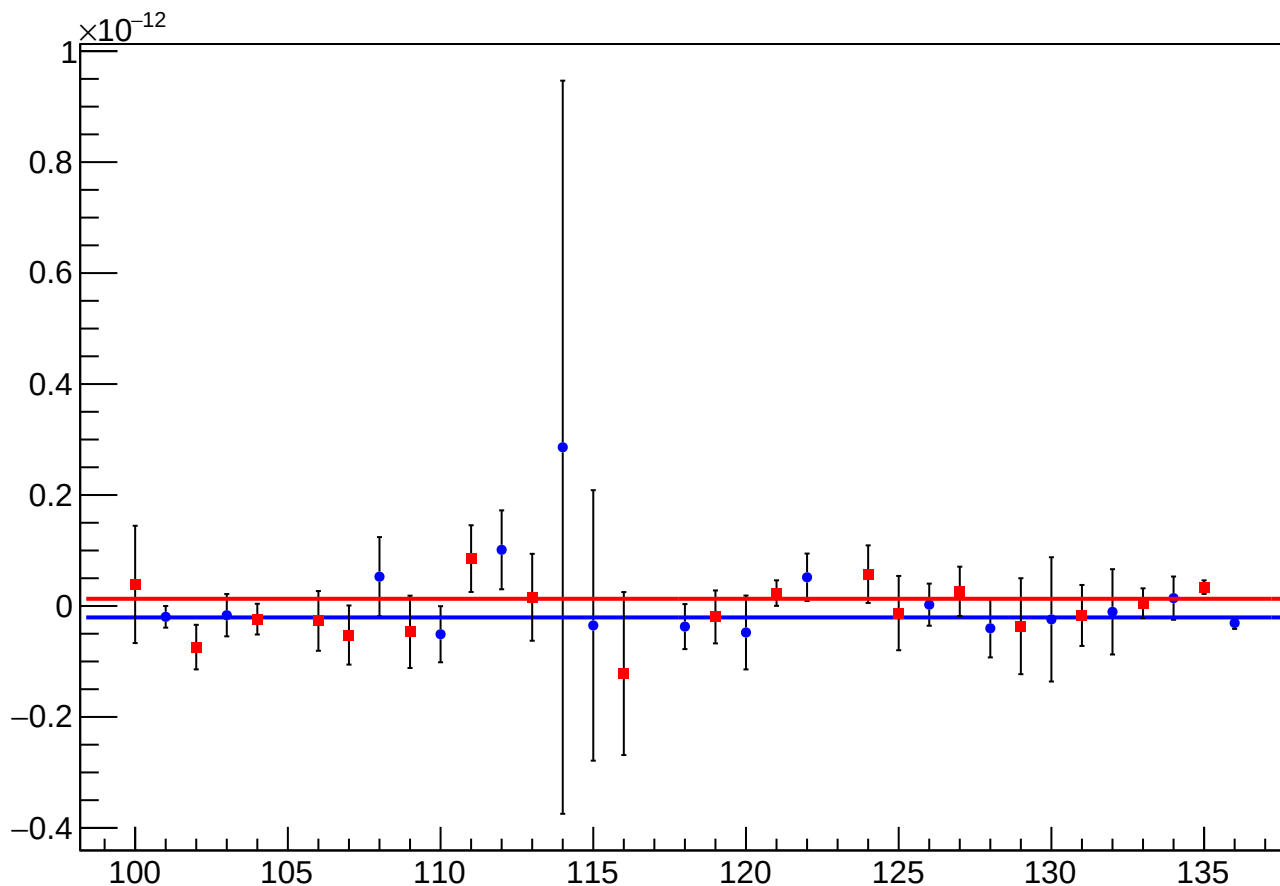
Right: 680.410+/-0.130 χ^2/NDF : 1489119.7/33

In: 686.394+/-0.185 χ^2/NDF : 749454.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.410+/-0.130 χ^2/NDF : 1489119.7/33

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 : 17.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

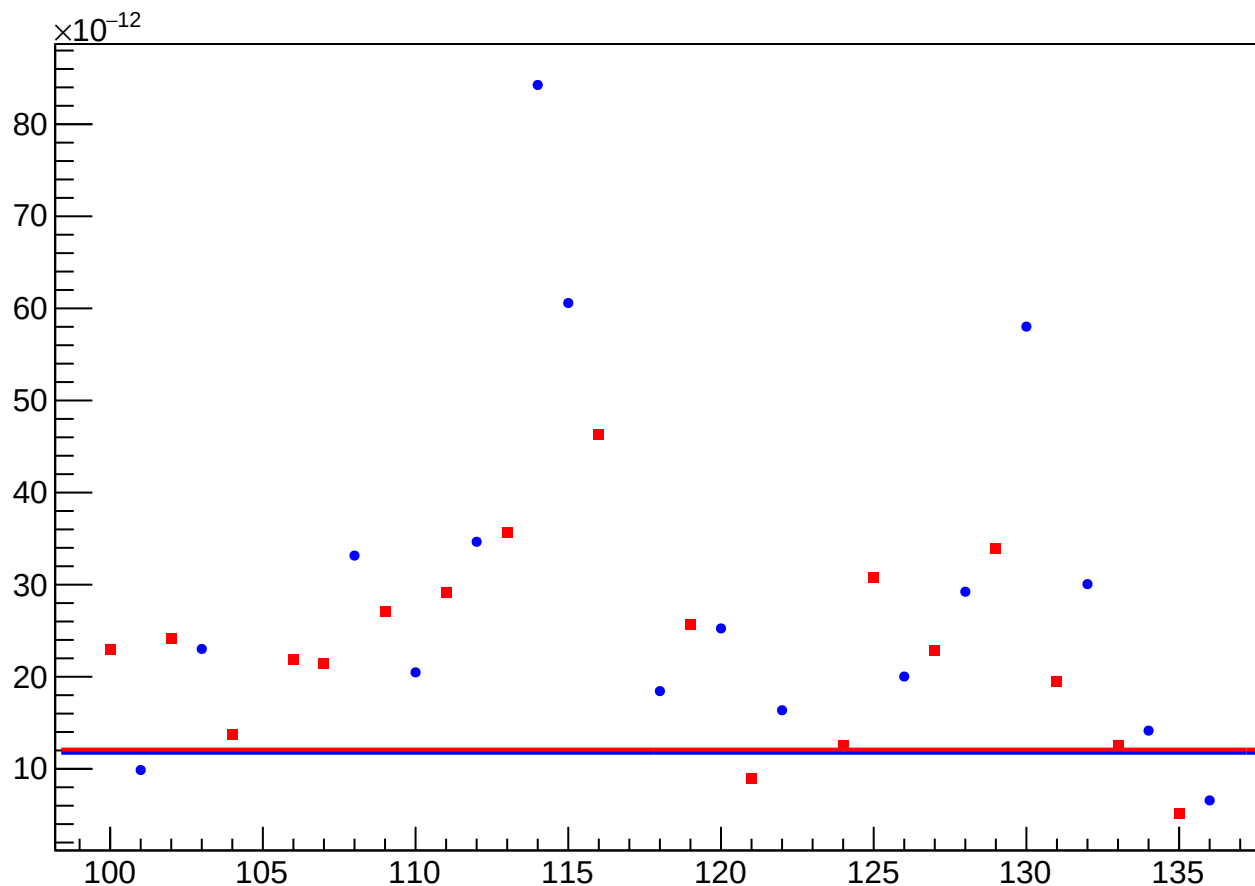
Right: -0.000+/-0.000 χ^2/NDF : 36.0/33

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 : 36.0/33

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 : 2181358.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

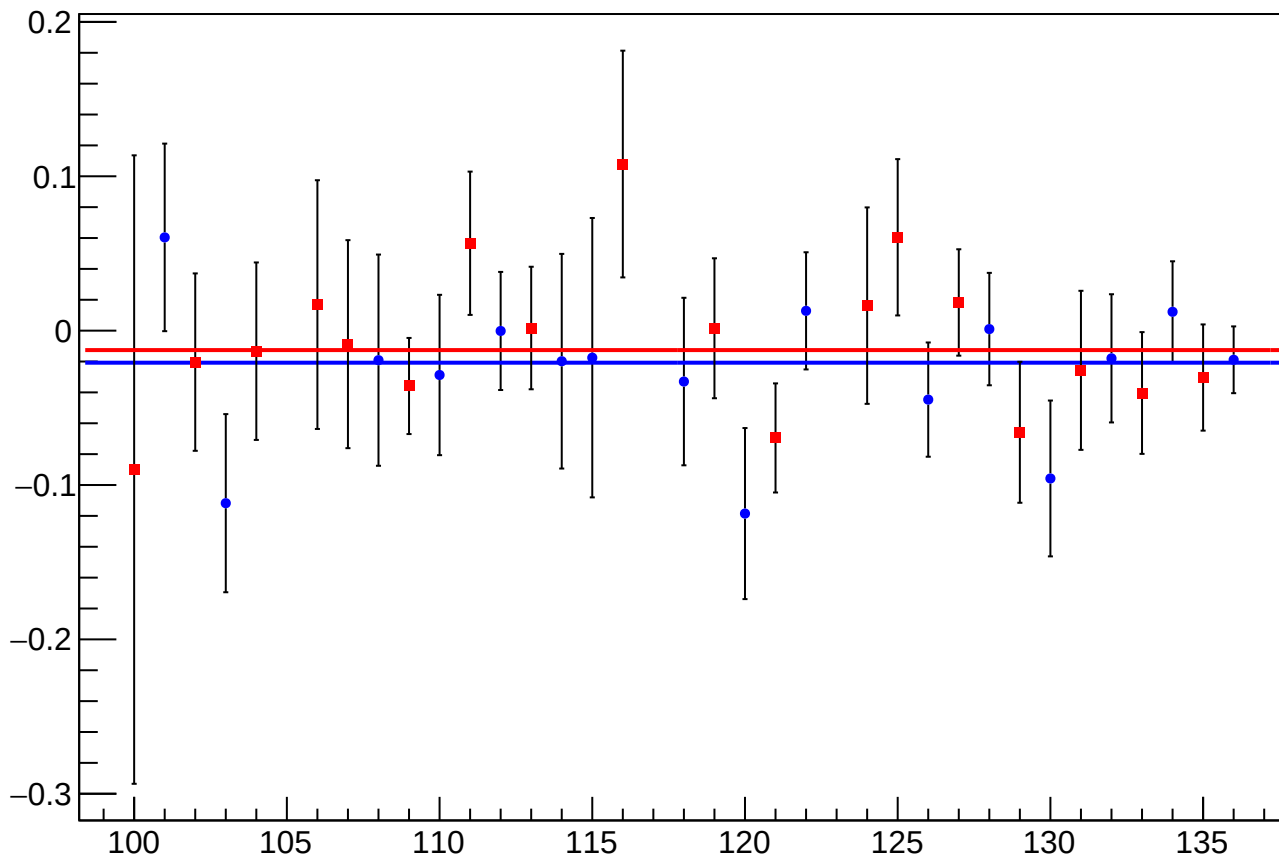
Right: 0.000+/-0.000 χ^2/NDF : 4344351.7/33

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 : 4344351.7/33

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 : 13.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

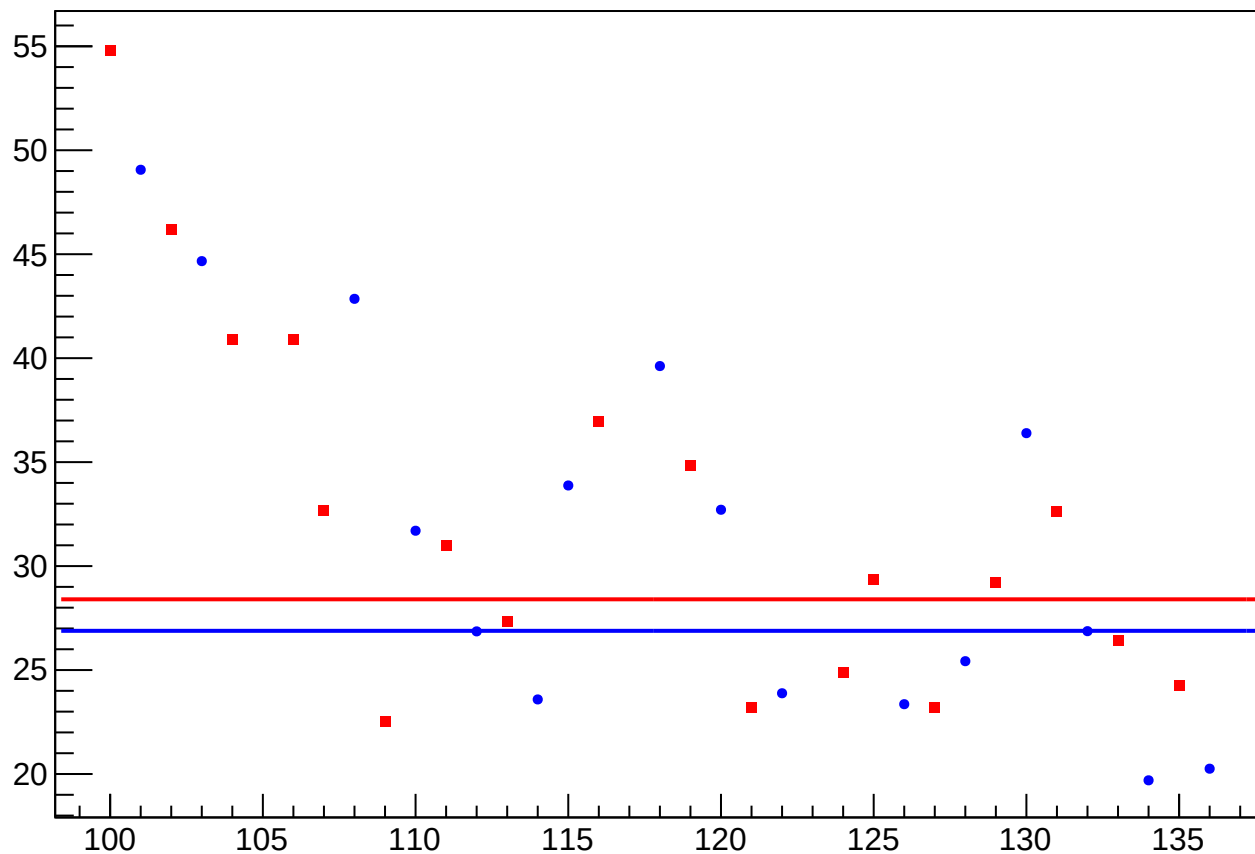
Right: -0.017 ± 0.008 χ^2/NDF : 26.7/33

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 ± 0.008 χ^2/NDF : 26.7/33

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.886 $\pm$ 0.007 χ^2 /NDF: 1120557.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.402 $\pm$ 0.008 χ^2 /NDF: 666649.6/17

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

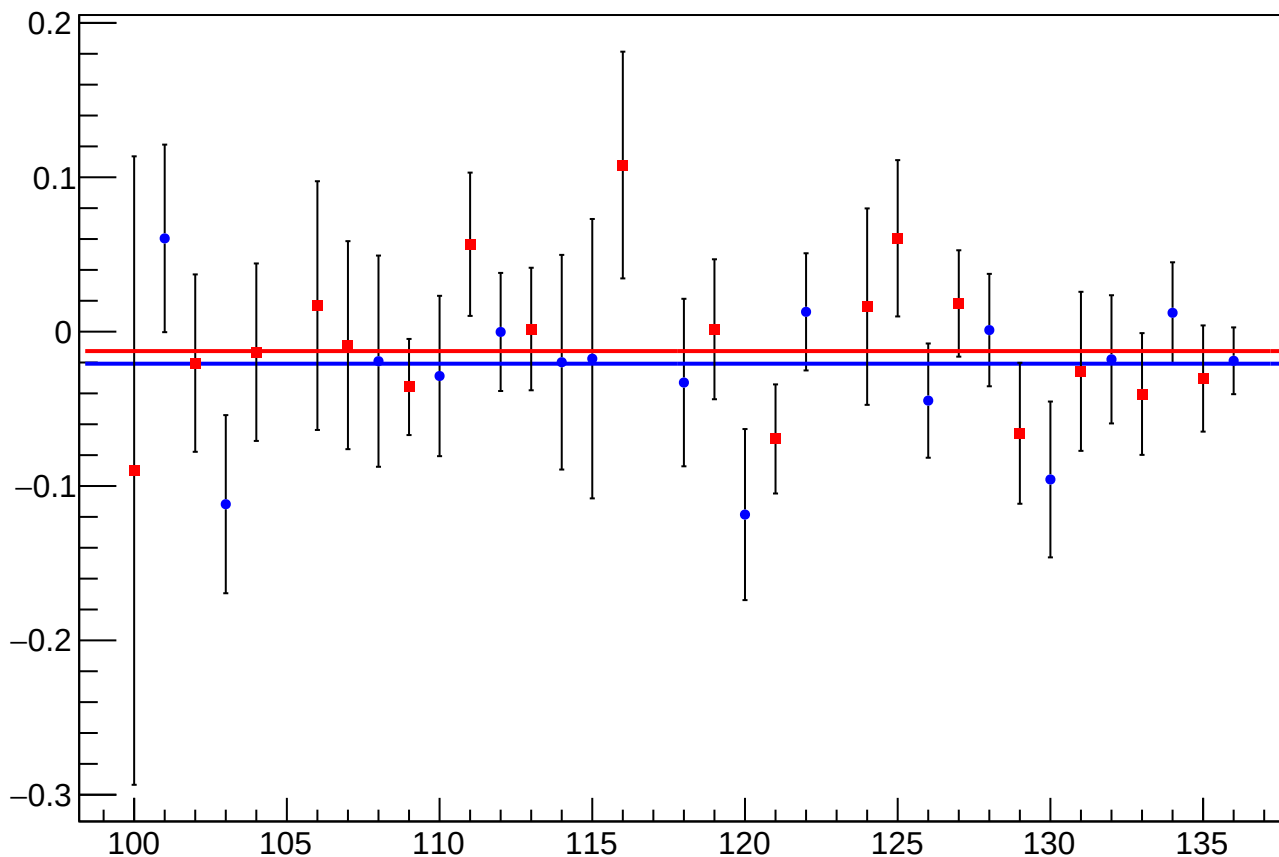
Right: 27.617 $\pm$ 0.005 χ^2 /NDF: 1807261.7/33

In: 26.886 $\pm$ 0.007 χ^2 /NDF:1120557.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.617 $\pm$ 0.005 χ^2 /NDF: 1807261.7/33

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 : 13.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

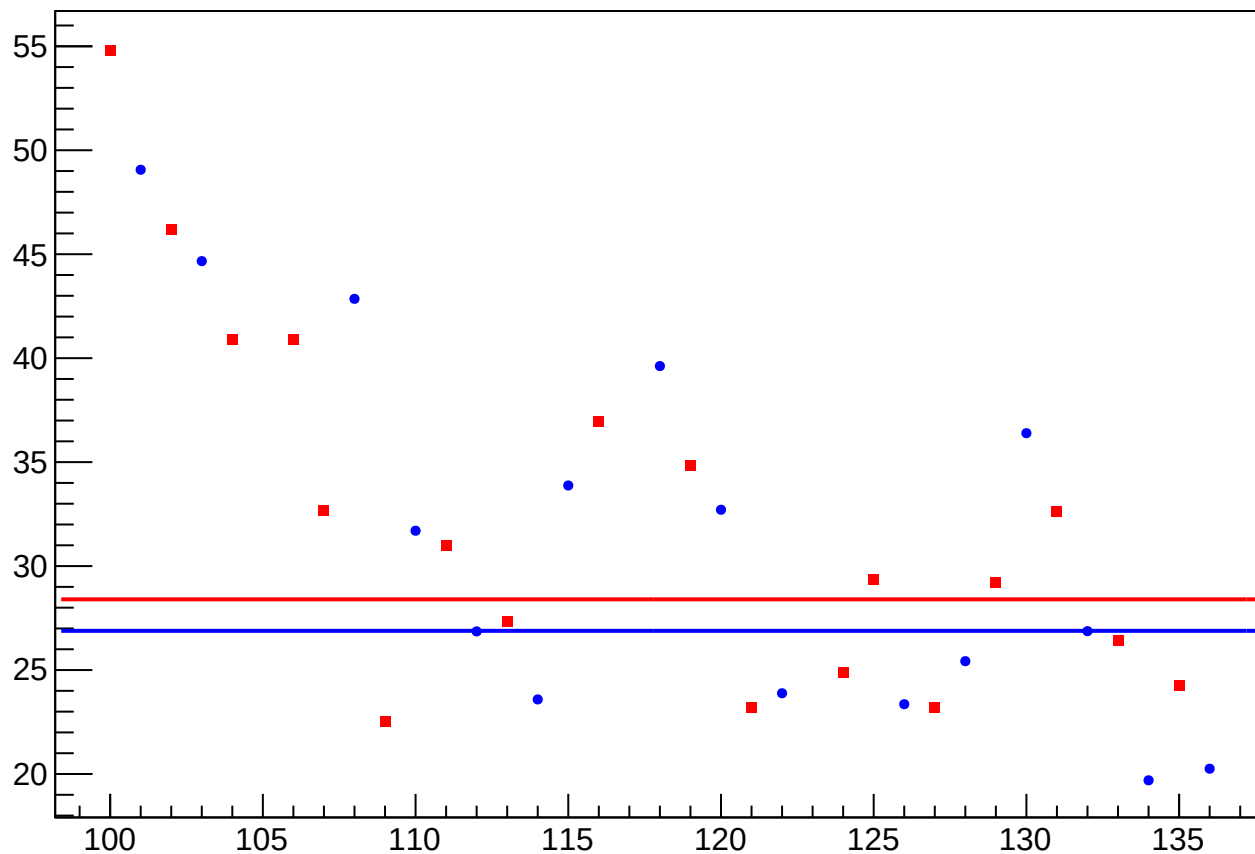
Right: -0.017 ± 0.008 χ^2/NDF : 26.7/33

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 ± 0.008 χ^2/NDF : 26.7/33

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 26.886 $\pm$ 0.007 χ^2 /NDF: 1120557.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 28.402 $\pm$ 0.008 χ^2 /NDF: 666649.6/17

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

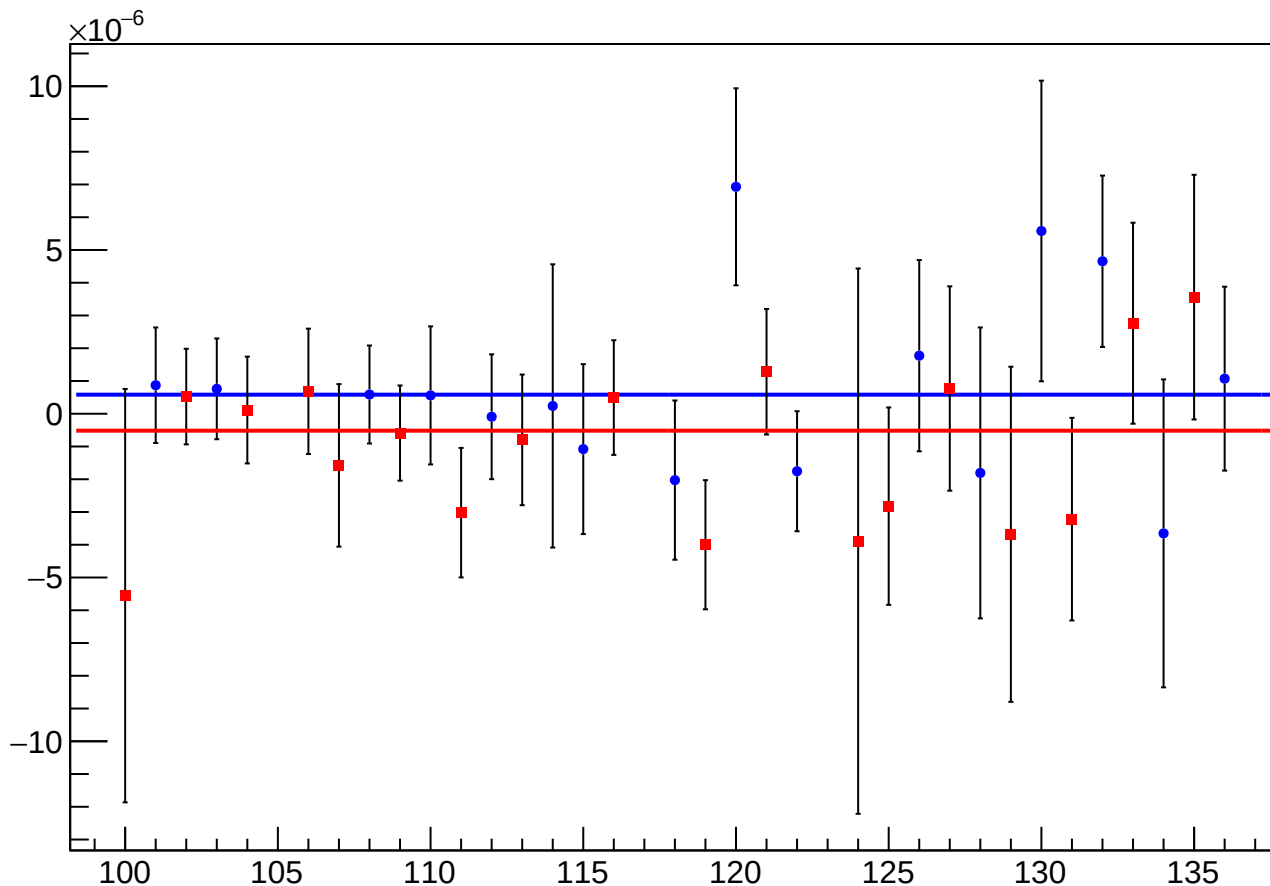
Right: 27.617 $\pm$ 0.005 χ^2 /NDF: 1807261.7/33

In: 26.886 $\pm$ 0.007 χ^2 /NDF:1120557.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 27.617 $\pm$ 0.005 χ^2 /NDF: 1807261.7/33

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 : 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

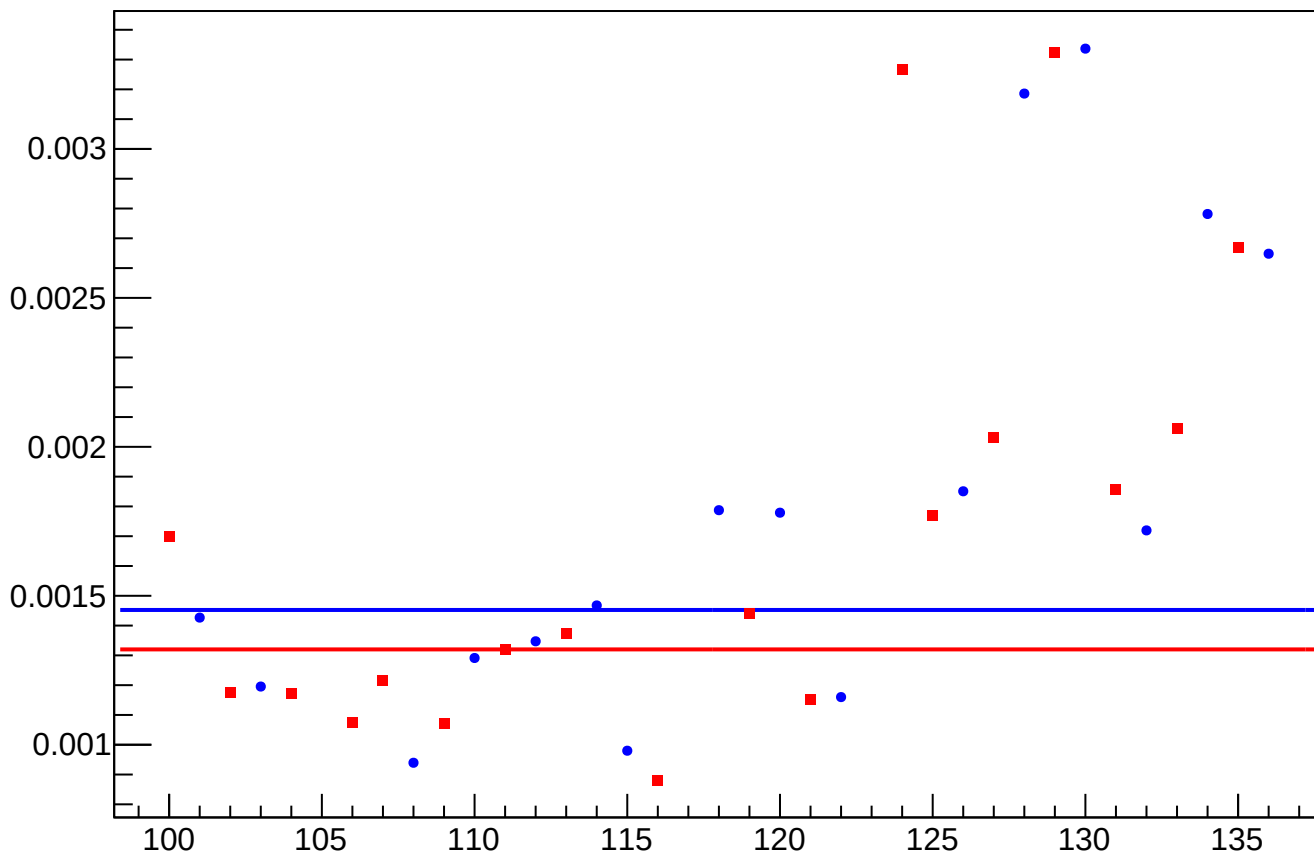
Right: -0.000+/-0.000 χ^2/NDF : 27.0/33

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 : 27.0/33

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 : 1288981.1/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 3057523.7/33

In: 0.001+/-0.000

χ^2/NDF : 1710487.9/15

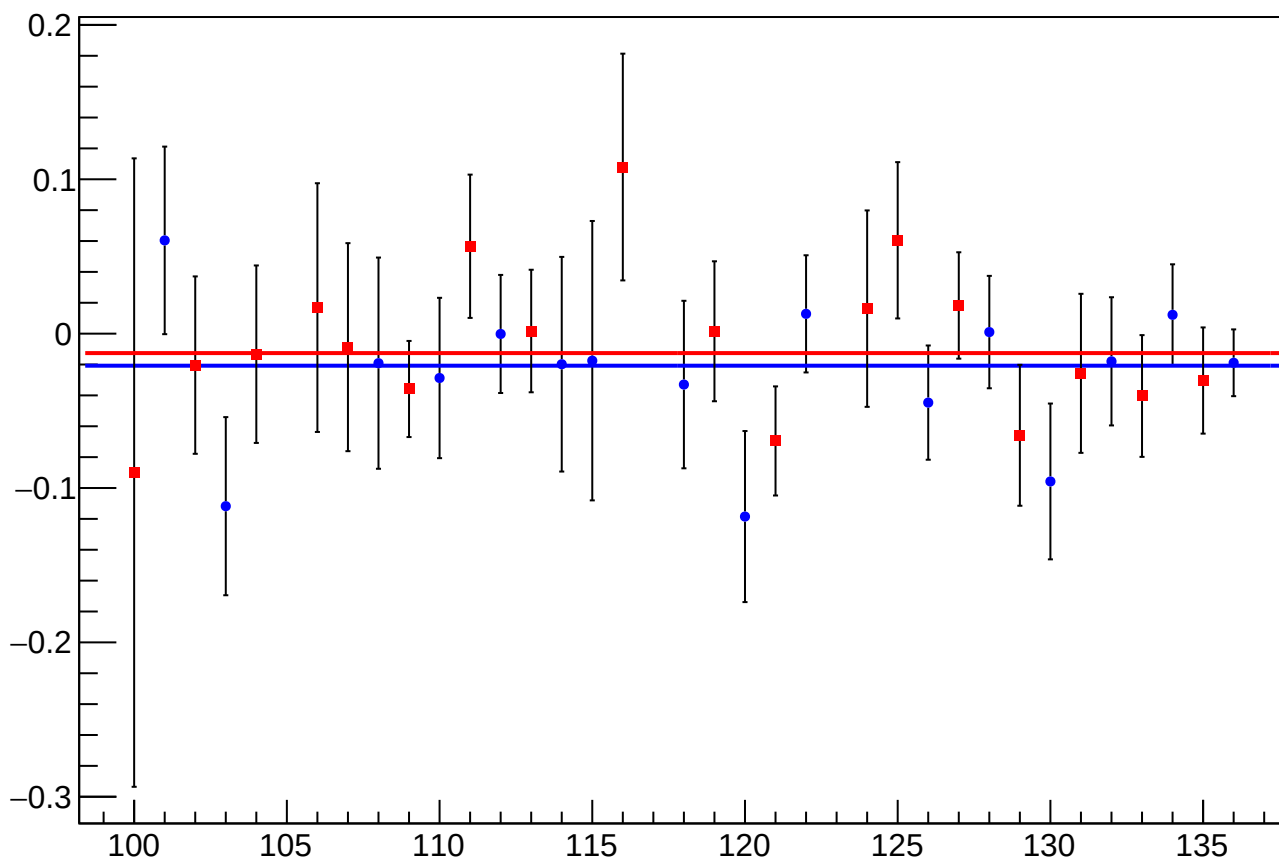
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 3057523.7/33

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 : 13.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

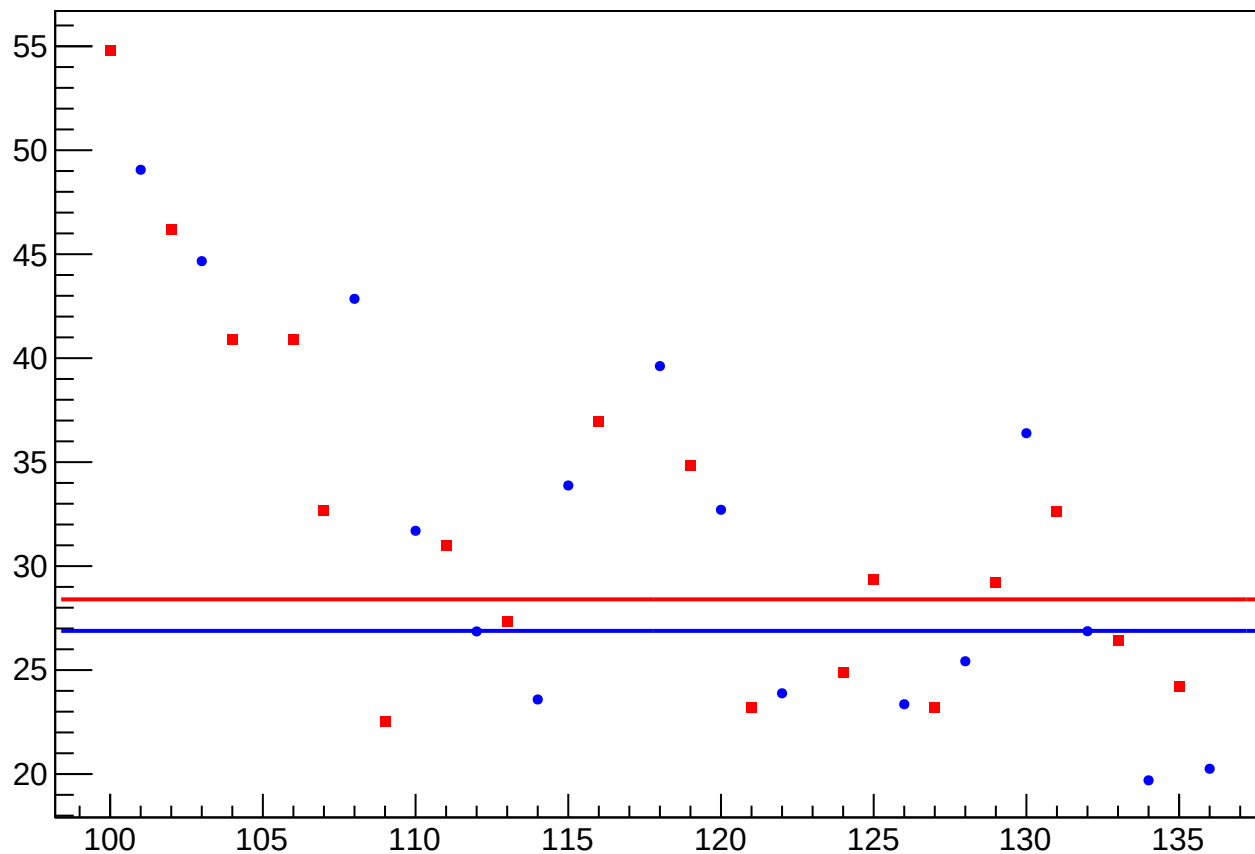
Right: -0.017 ± 0.008 χ^2/NDF : 26.7/33

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 ± 0.008 χ^2/NDF : 26.7/33

asym_sam_15_dd_eigen_dit_vs_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: 28.400+/-0.008 χ^2/NDF : 666740.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

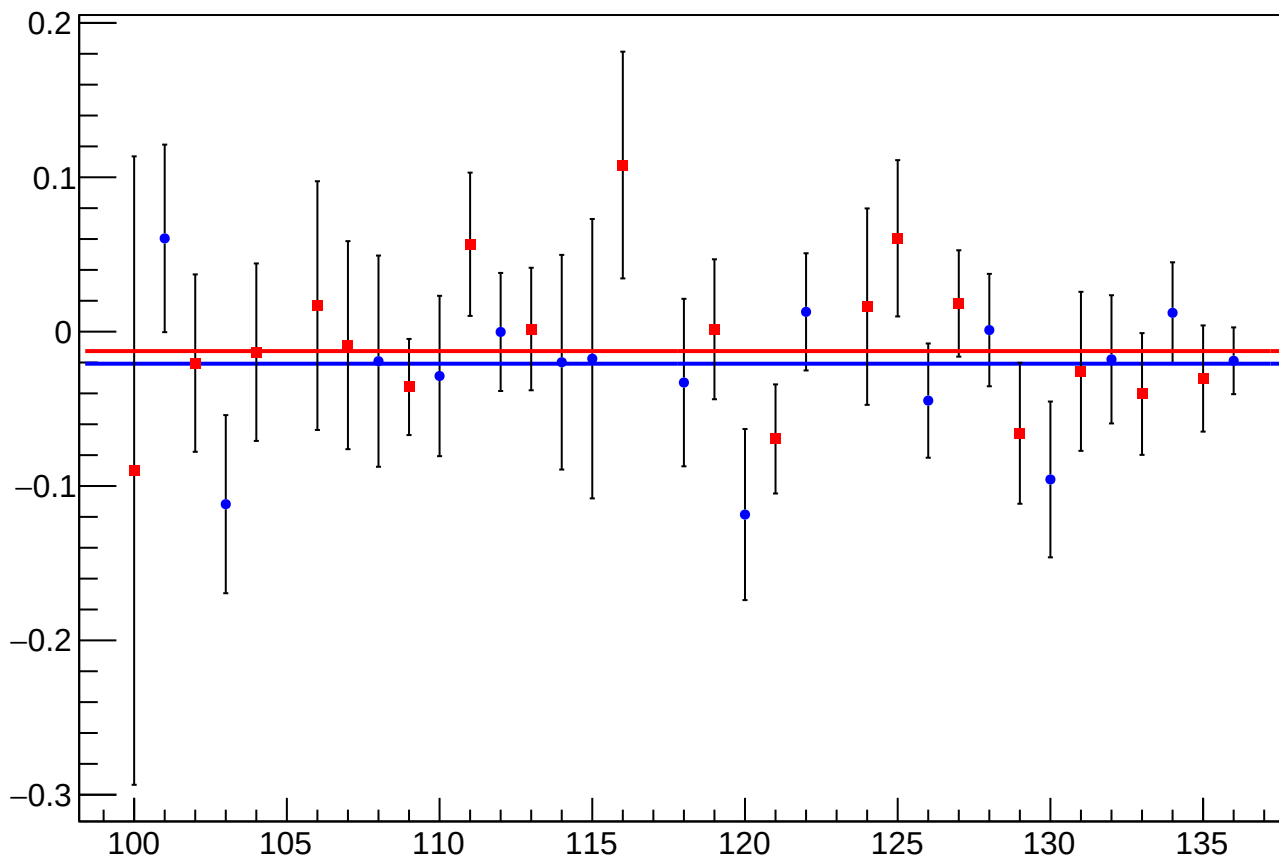
Right: 27.616+/-0.005 χ^2/NDF : 1807352.8/33

In: 26.885+/-0.007 χ^2/NDF :1120567.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 27.616+/-0.005 χ^2/NDF : 1807352.8/33

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 : 13.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

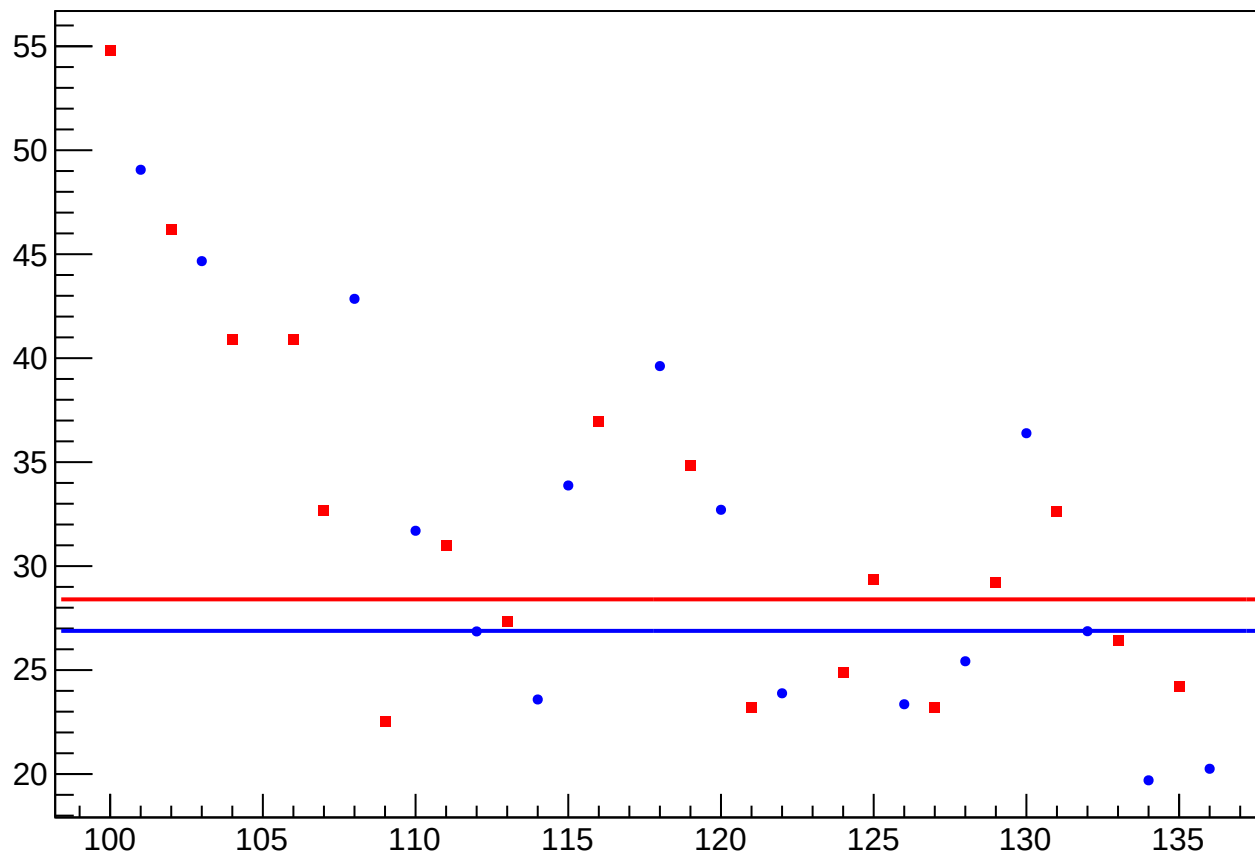
Right: -0.017 ± 0.008 χ^2/NDF : 26.7/33

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 ± 0.008 χ^2/NDF : 26.7/33

asym_sam_15_dd_eigen_dit_vs_eigen_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: 28.400 $\pm$ 0.008 χ^2 /NDF: 666740.7/17

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

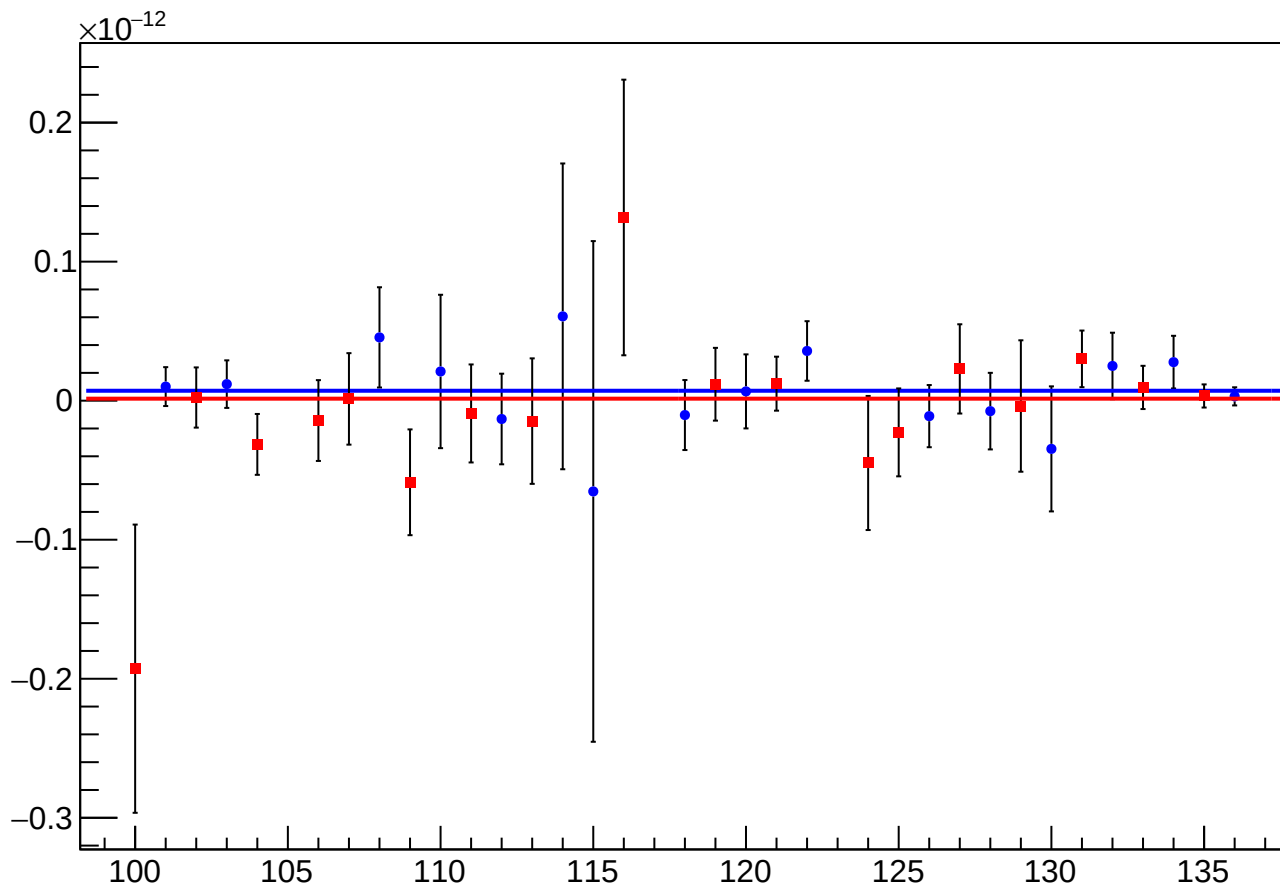
Right: 27.616 $\pm$ 0.005 χ^2 /NDF: 1807352.8/33

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: 27.616 $\pm$ 0.005 χ^2 /NDF: 1807352.8/33

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 : 15.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

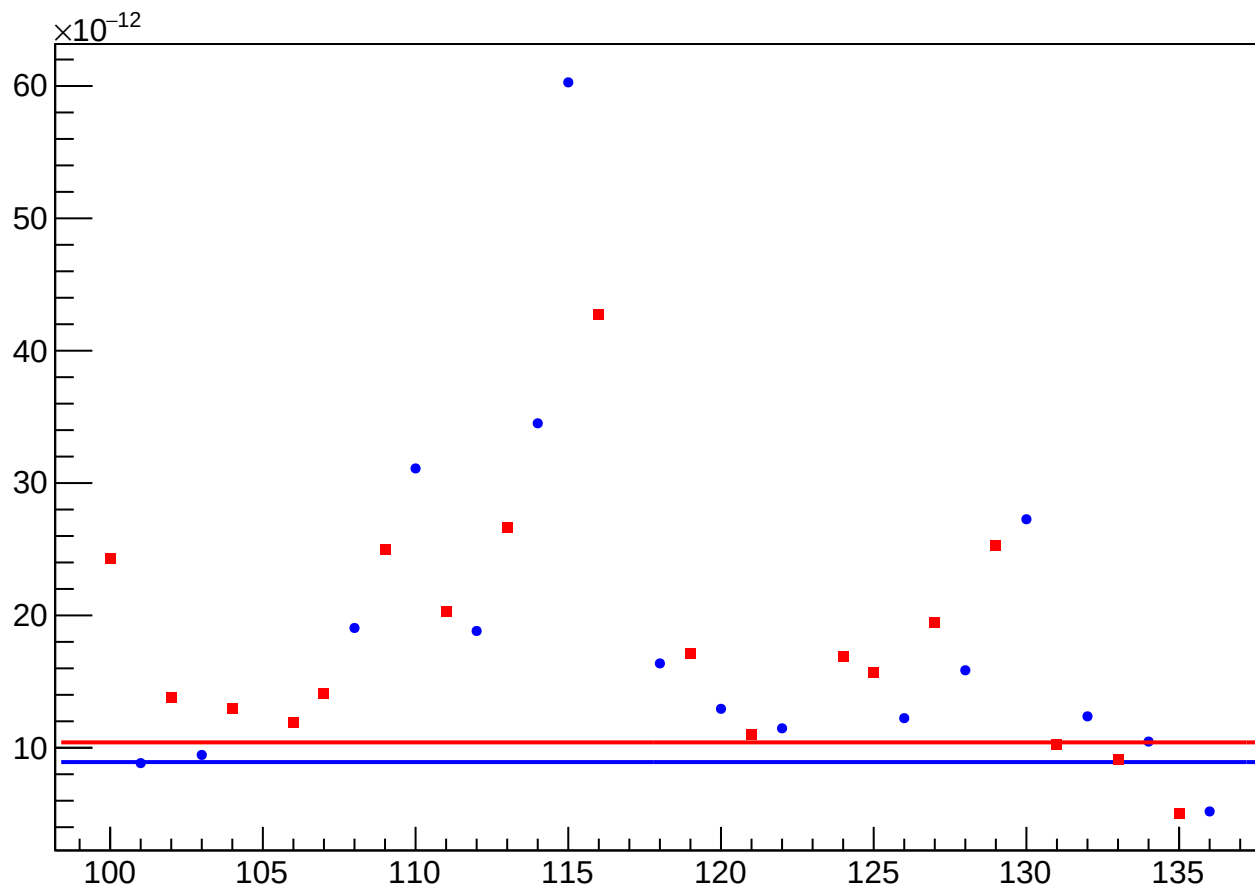
Right: 0.000+/-0.000 χ^2/NDF : 24.2/33

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 : 24.2/33

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 : 2506296.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

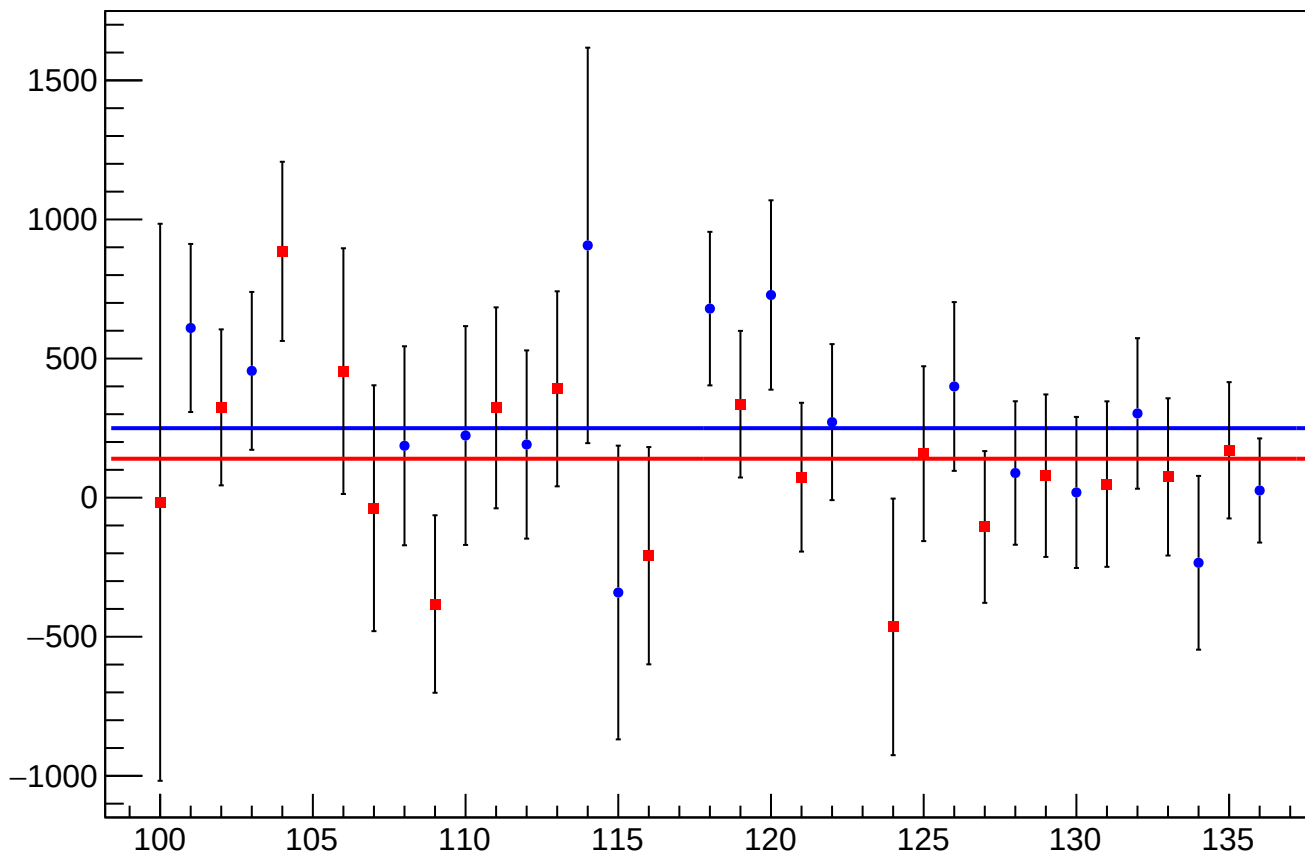
Right: 0.000+/-0.000 χ^2/NDF : 5000587.5/33

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 : 5000587.5/33

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: 139.910 $\pm$ 75.668 χ^2 /NDF: 14.1/17

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

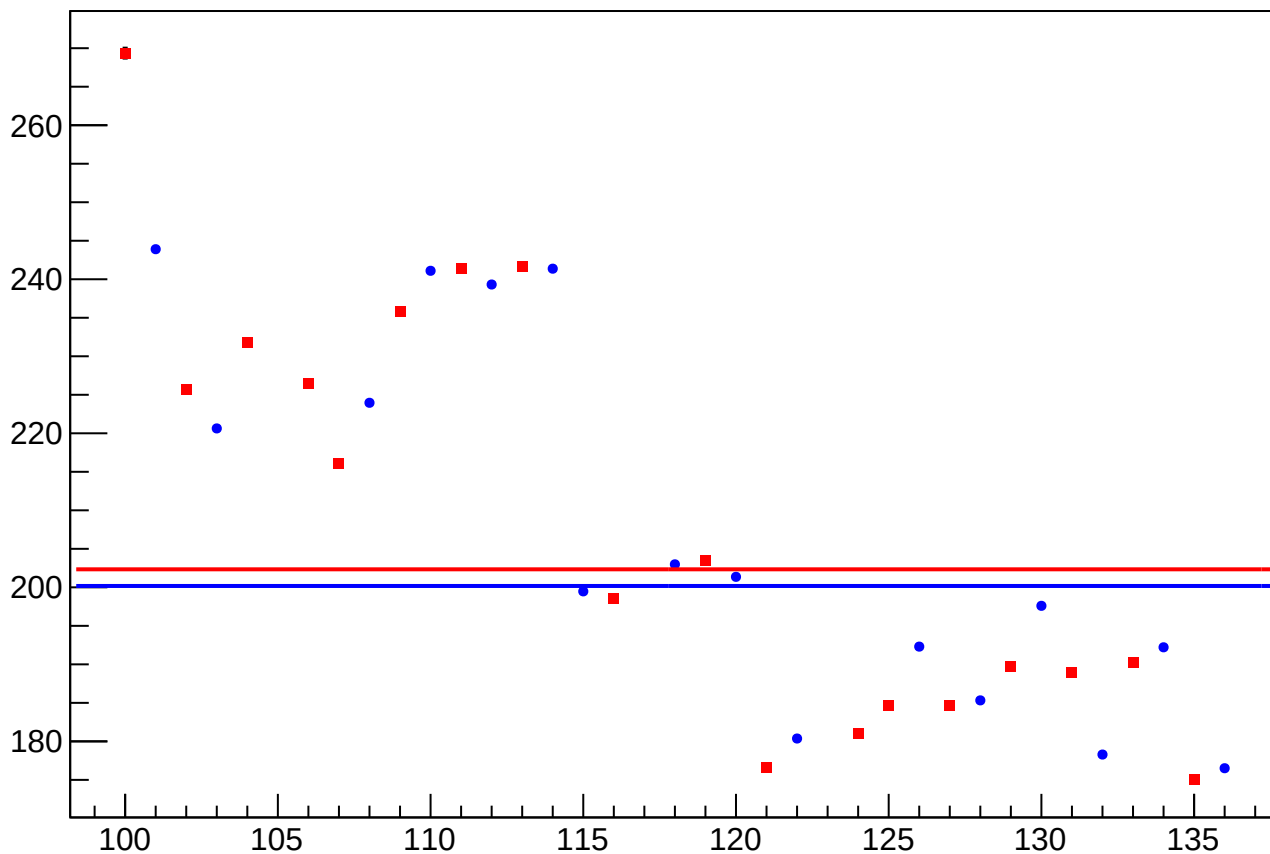
Right: 195.412 $\pm$ 53.223 χ^2 /NDF: 28.9/33

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: 195.412 $\pm$ 53.223 χ^2 /NDF: 28.9/33

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: 202.339+/-0.054 χ^2/NDF : 192038.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

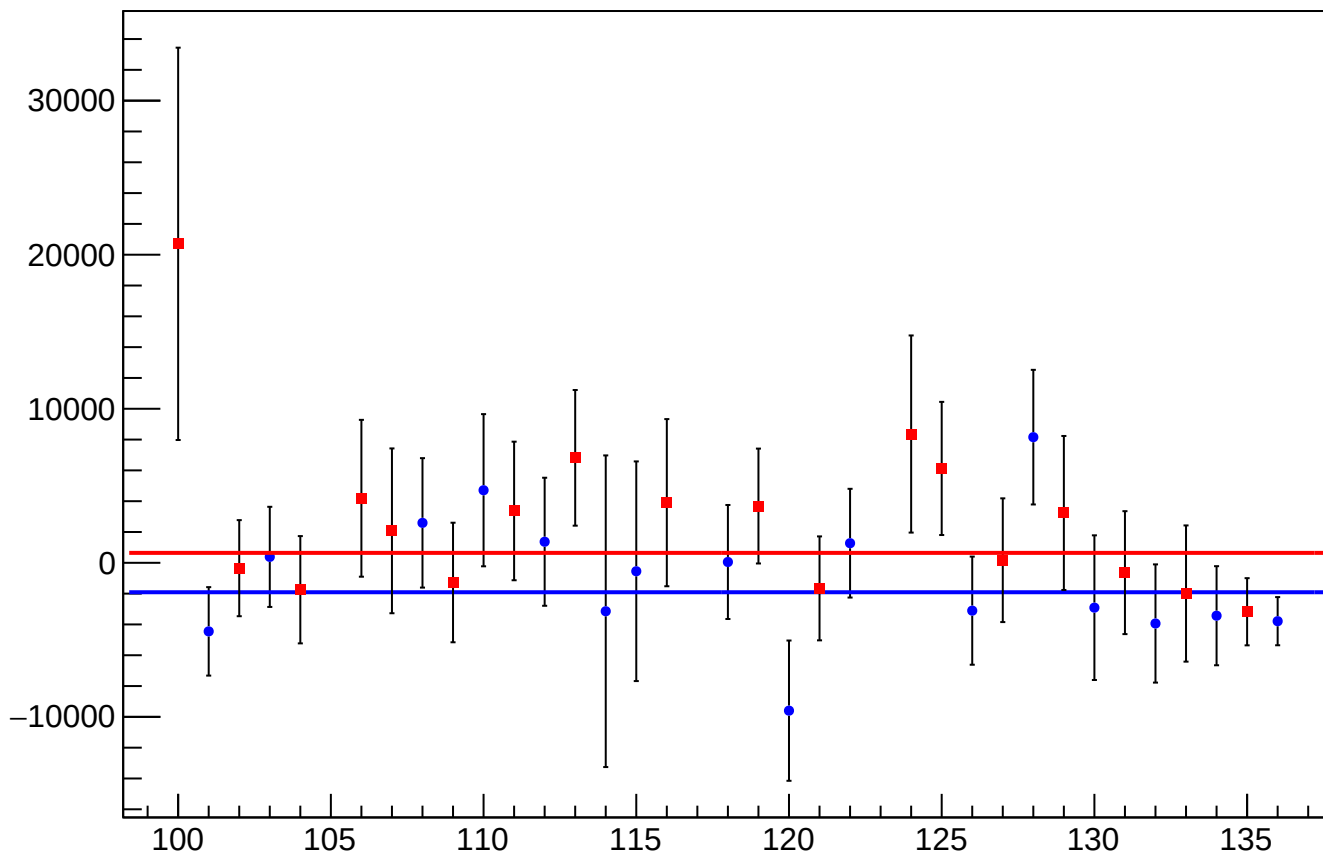
Right: 201.247+/-0.038 χ^2/NDF : 373865.4/33

In: 200.177+/-0.053 χ^2/NDF : 181001.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.247+/-0.038 χ^2/NDF : 373865.4/33

asym_sam_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -1910.348+/-859.088 χ^2/NDF : 16.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.972+/-940.541 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

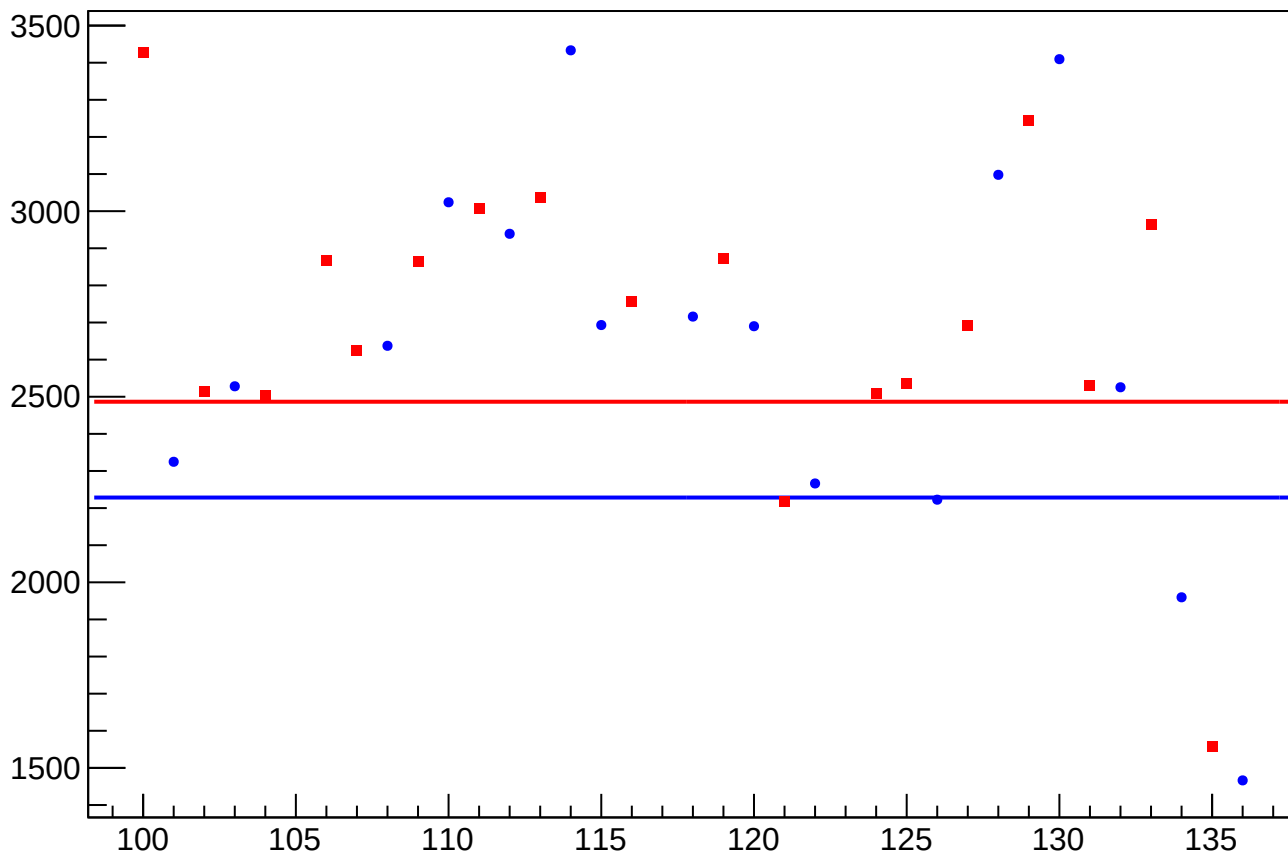
Right: -748.108+/-634.312 χ^2/NDF : 34.8/33

In: -1910.348+/-859.088 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -748.108+/-634.312 χ^2/NDF : 34.8/33

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: 2486.565+/-0.665 χ^2/NDF : 577569.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

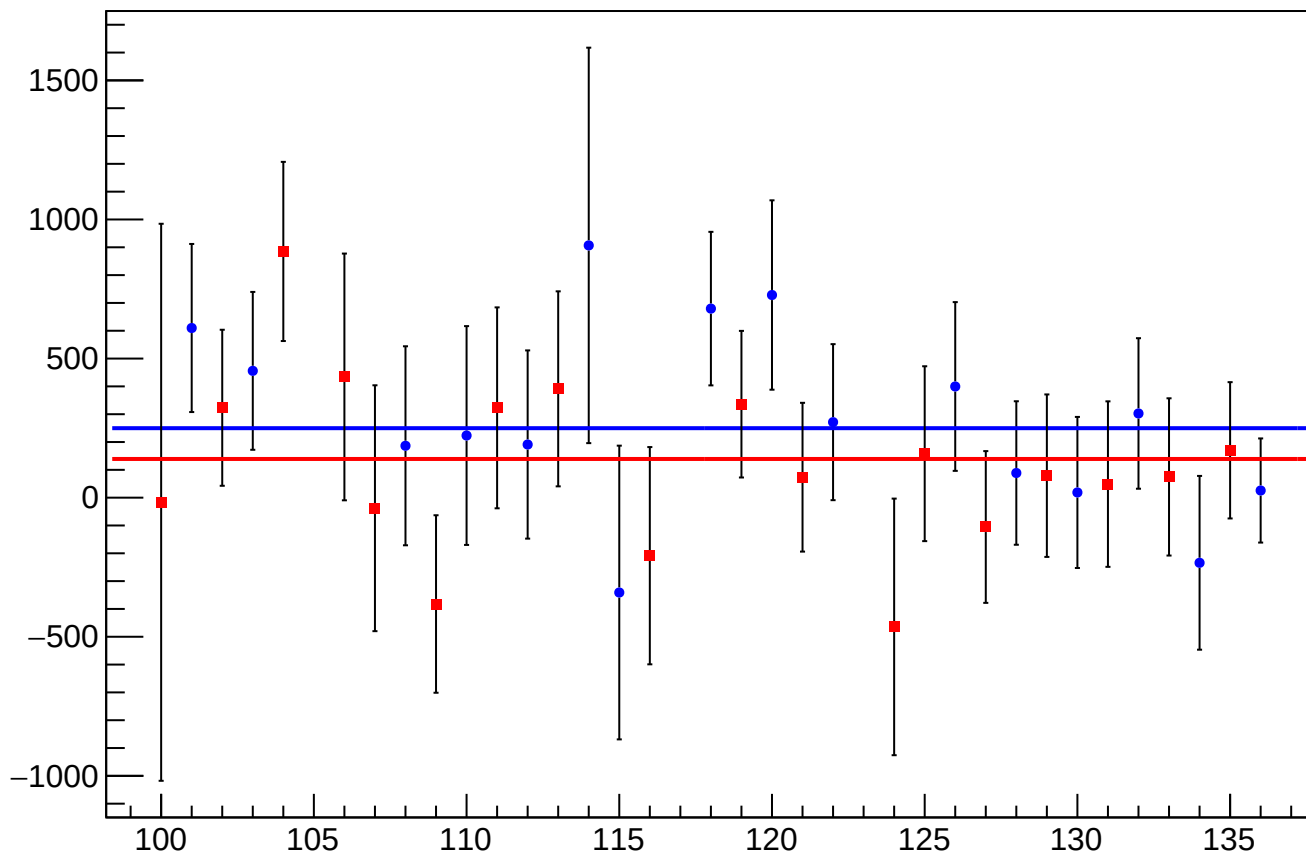
Right: 2345.839+/-0.449 χ^2/NDF : 1607352.9/33

In: 2228.431+/-0.607 χ^2/NDF : 947654.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2345.839+/-0.449 χ^2/NDF : 1607352.9/33

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: 139.103 $\pm$ 75.678 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

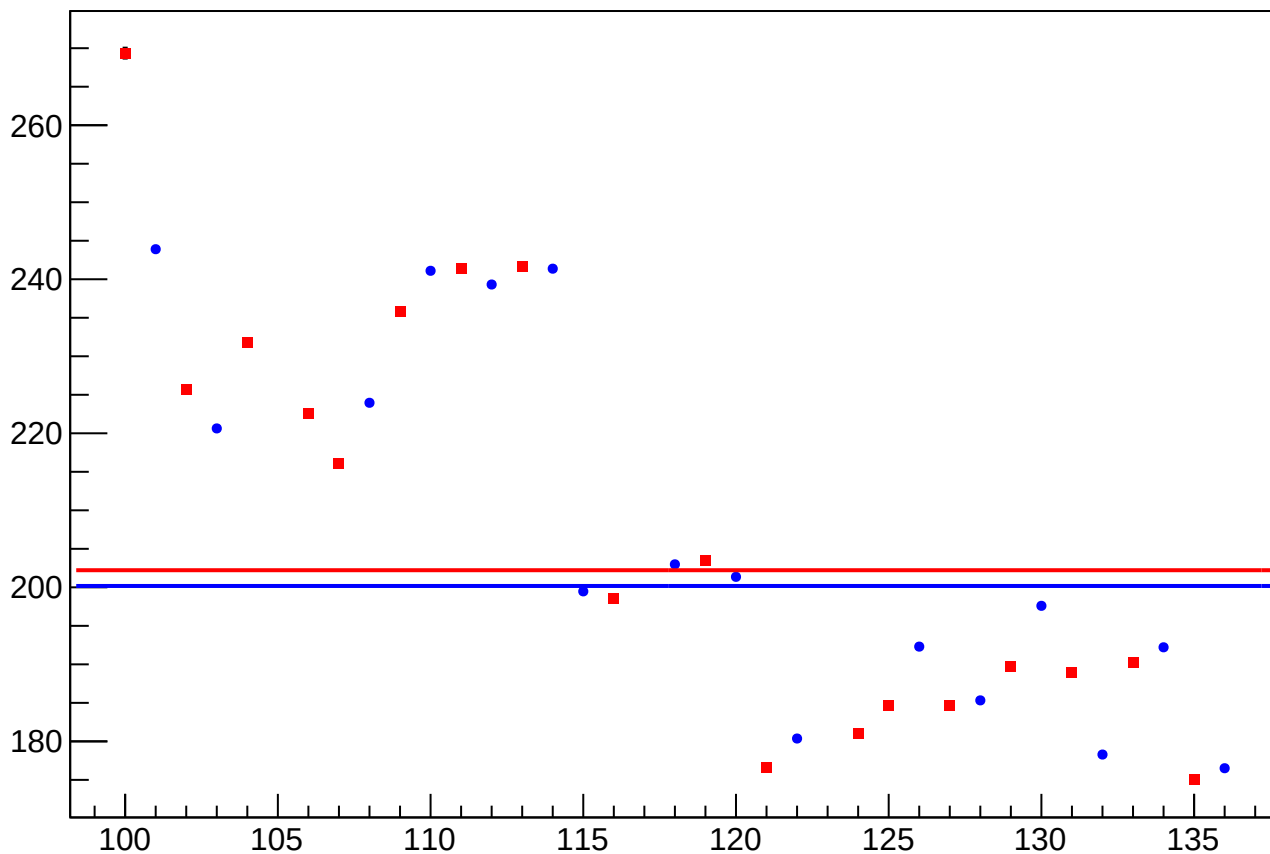
Right: 195.022 $\pm$ 53.227 χ^2 /NDF: 28.8/33

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: 195.022 $\pm$ 53.227 χ^2 /NDF: 28.8/33

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: 202.223+/-0.054 χ^2/NDF : 190282.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

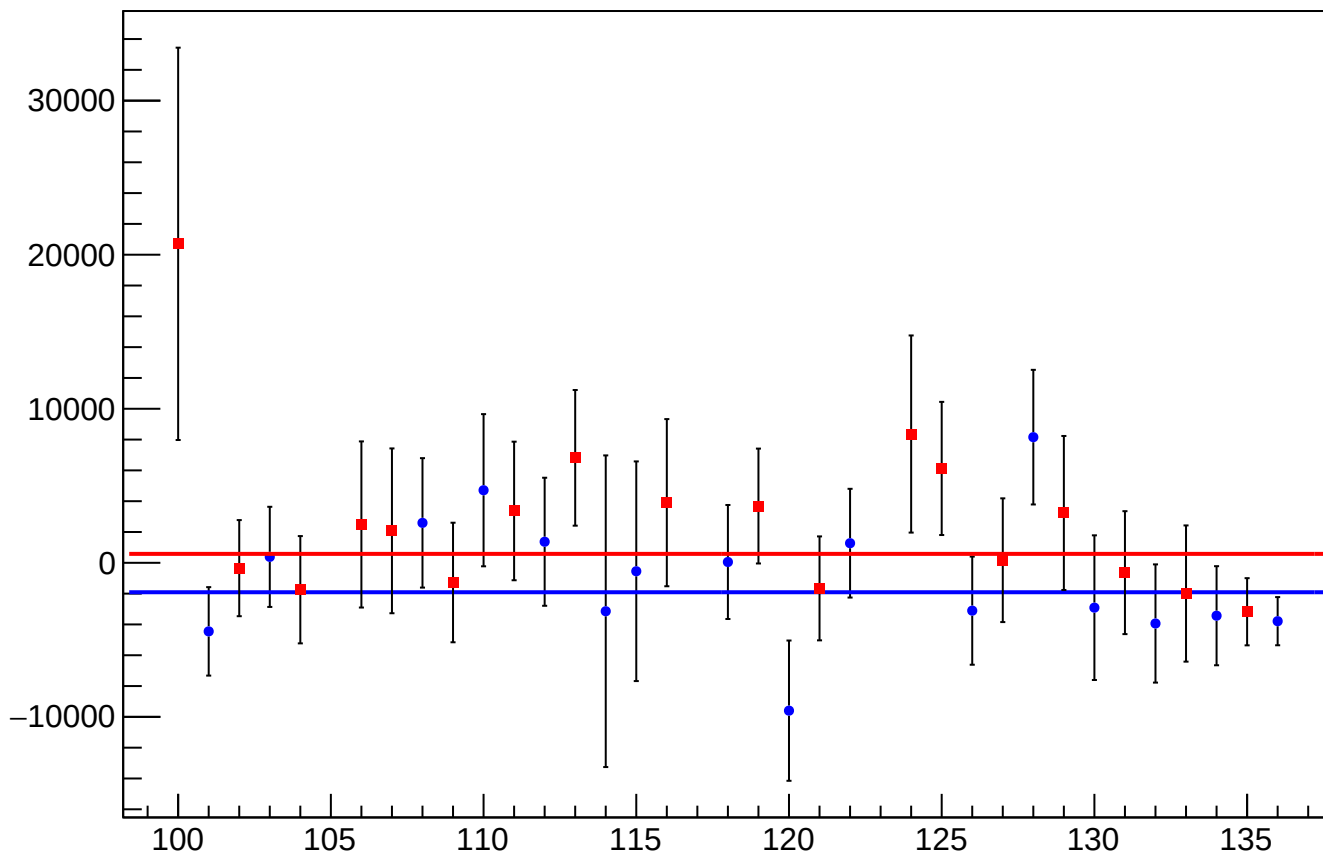
Right: 201.189+/-0.038 χ^2/NDF : 372022.3/33

In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.189+/-0.038 χ^2/NDF : 372022.3/33

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: 580.138+/-942.322 χ^2/NDF : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

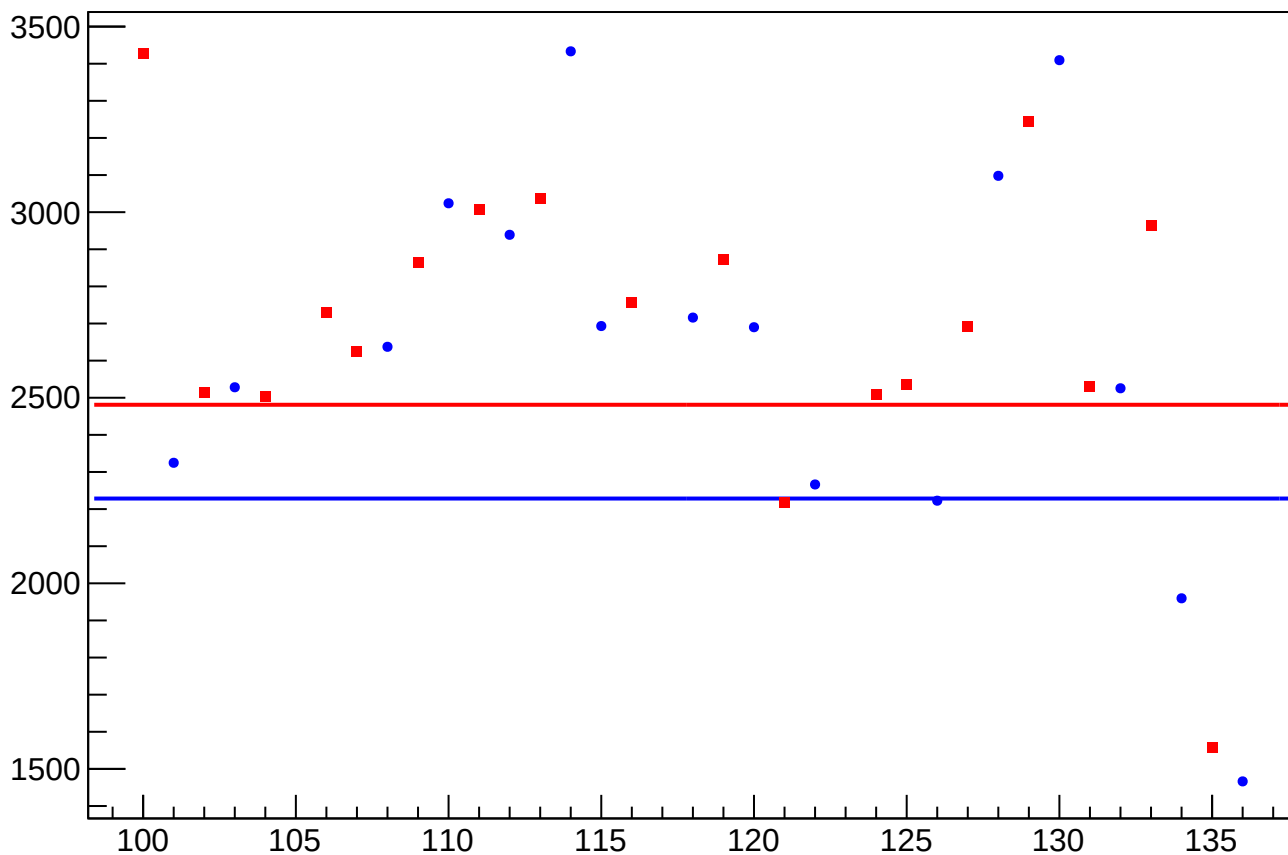
Right: -779.910+/-634.858 χ^2/NDF : 34.3/33

In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.910+/-634.858 χ^2/NDF : 34.3/33

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: 2481.070+/-0.666 χ^2/NDF : 570445.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

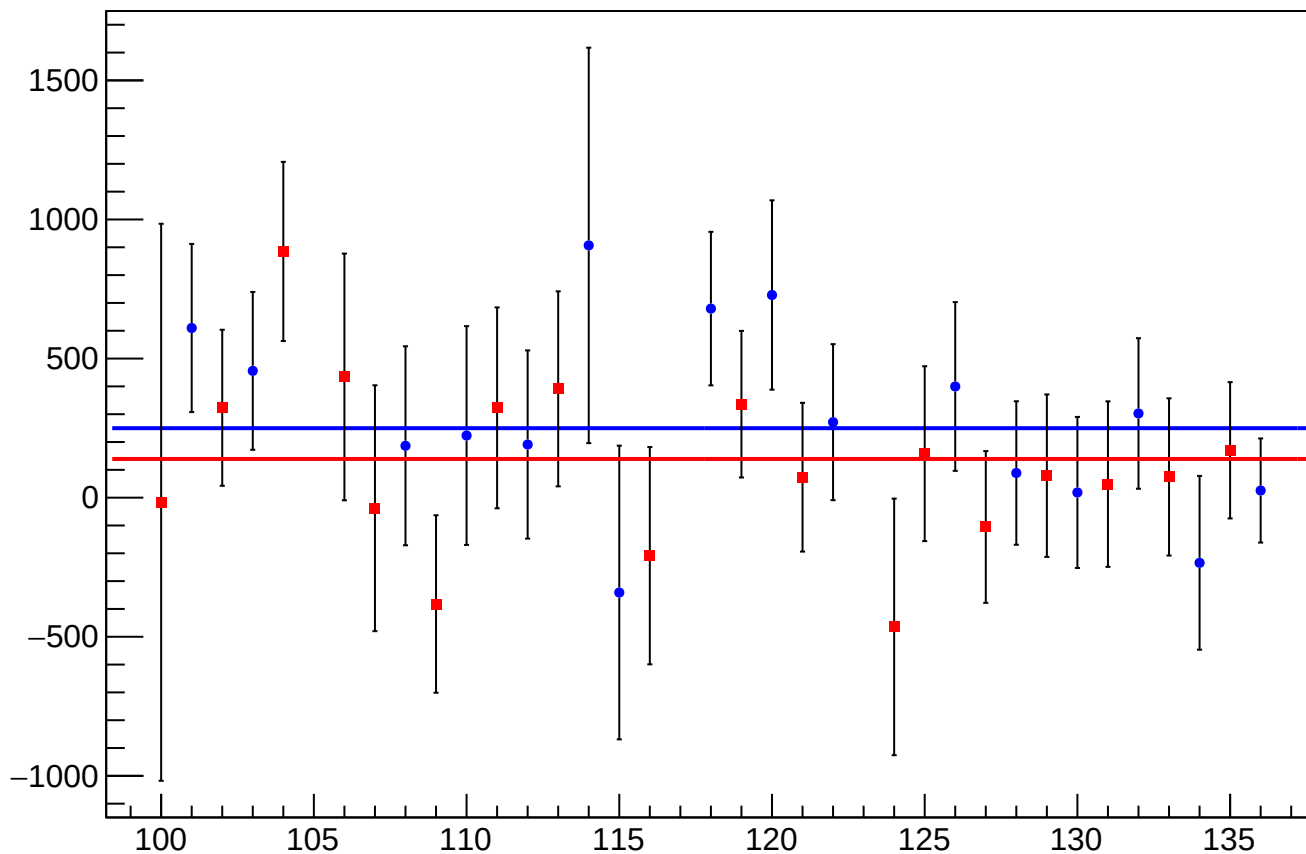
Right: 2343.104+/-0.449 χ^2/NDF : 1596609.2/33

In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2343.104+/-0.449 χ^2/NDF : 1596609.2/33

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: 139.103 $\pm$ 75.678 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

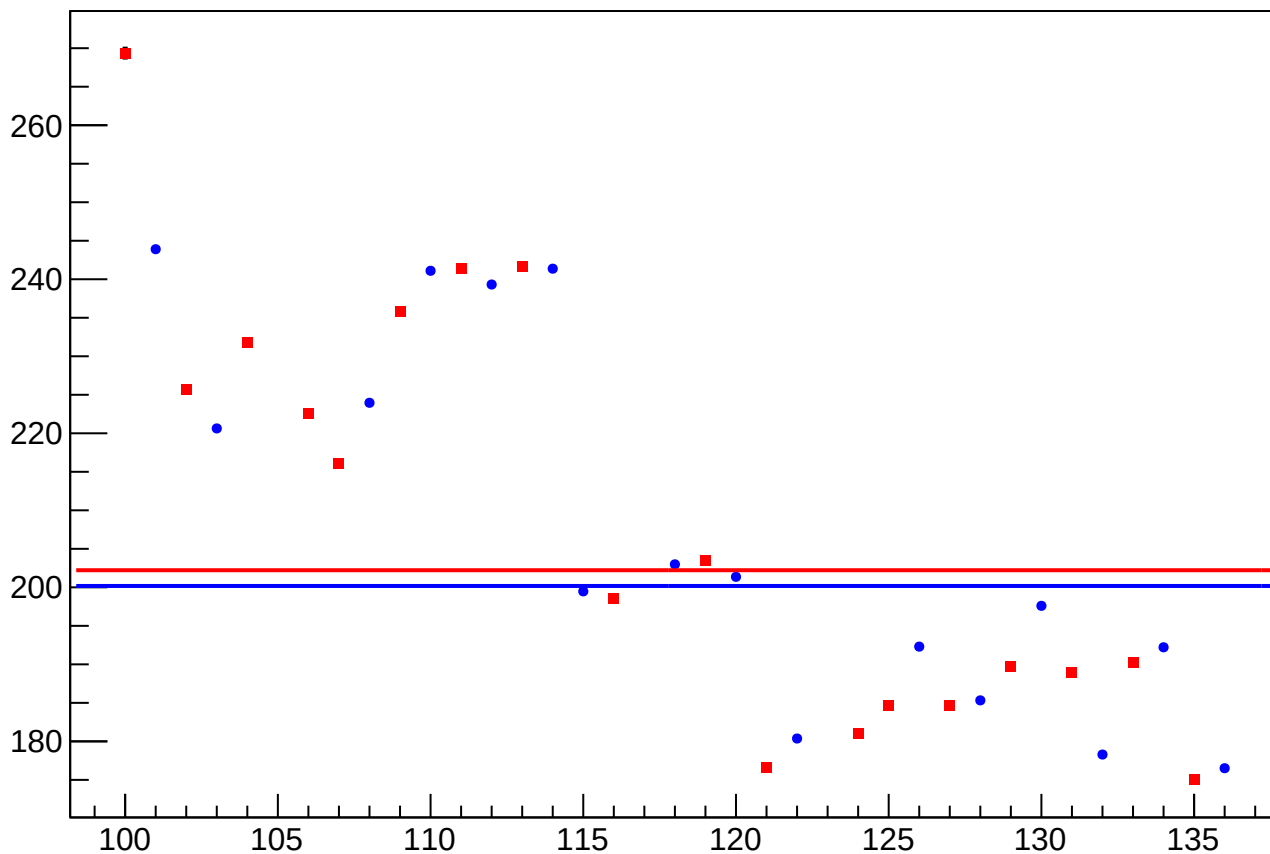
Right: 195.022 $\pm$ 53.227 χ^2 /NDF: 28.8/33

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: 195.022 $\pm$ 53.227 χ^2 /NDF: 28.8/33

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: 202.223+/-0.054 χ^2/NDF : 190282.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

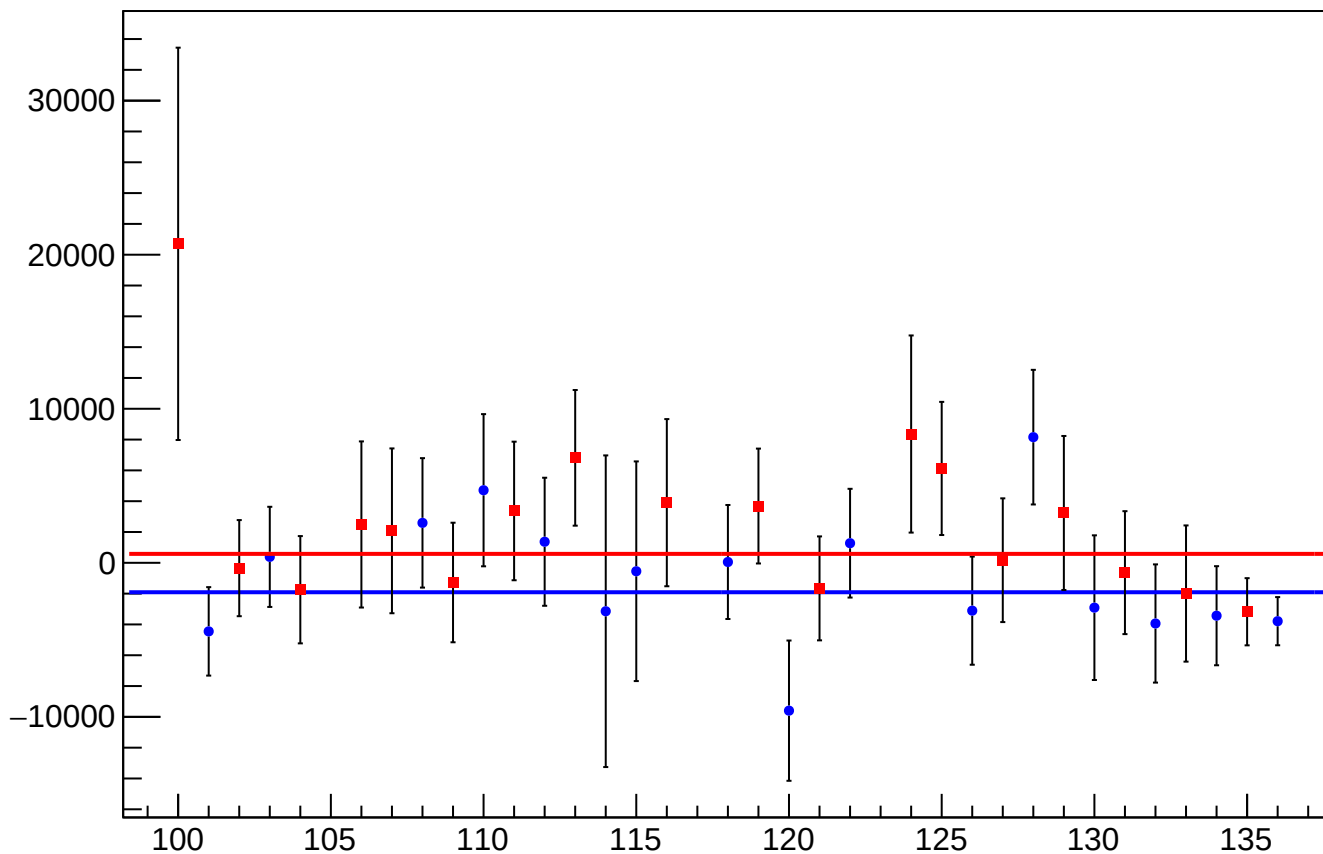
Right: 201.189+/-0.038 χ^2/NDF : 372022.3/33

In: 200.177+/-0.053 χ^2/NDF : 181001.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.189+/-0.038 χ^2/NDF : 372022.3/33

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: 580.138+/-942.322 χ^2/NDF : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

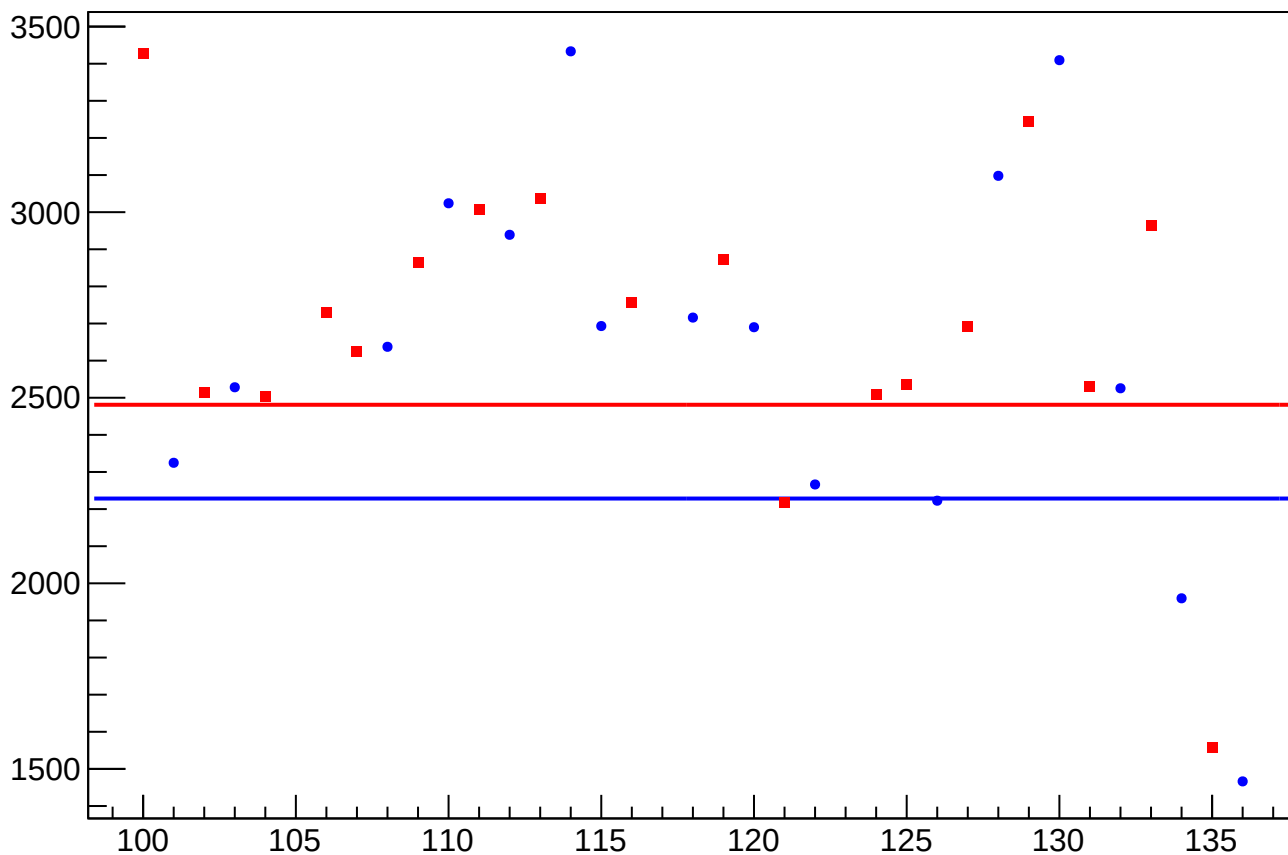
Right: -779.910+/-634.858 χ^2/NDF : 34.3/33

In: -1910.310+/-859.089 χ^2/NDF : 16.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -779.910+/-634.858 χ^2/NDF : 34.3/33

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: 2481.070+/-0.666 χ^2/NDF : 570445.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

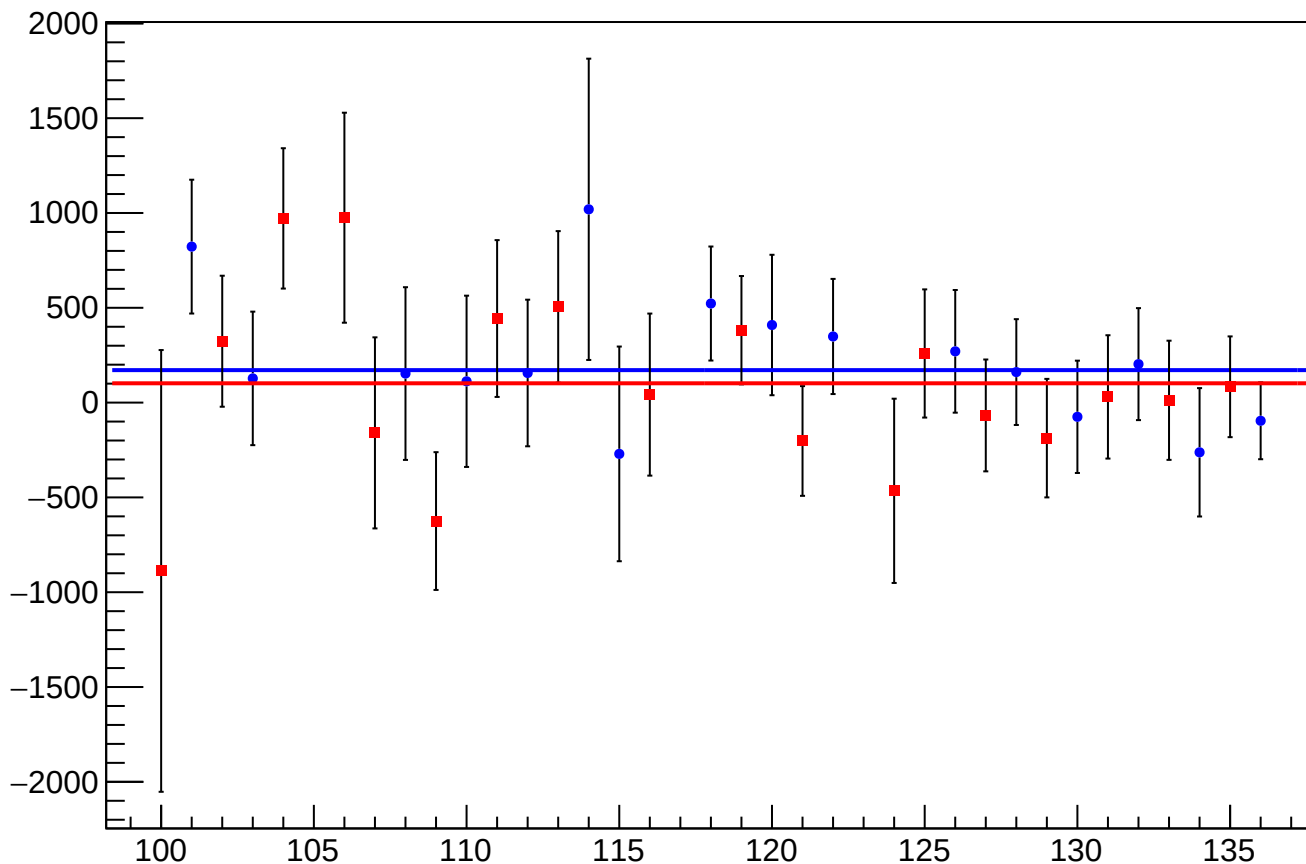
Right: 2343.104+/-0.449 χ^2/NDF : 1596609.2/33

In: 2228.435+/-0.607 χ^2/NDF : 947659.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2343.104+/-0.449 χ^2/NDF : 1596609.2/33

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: 101.830 $\pm$ 84.080 χ^2 /NDF: 20.1/17

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

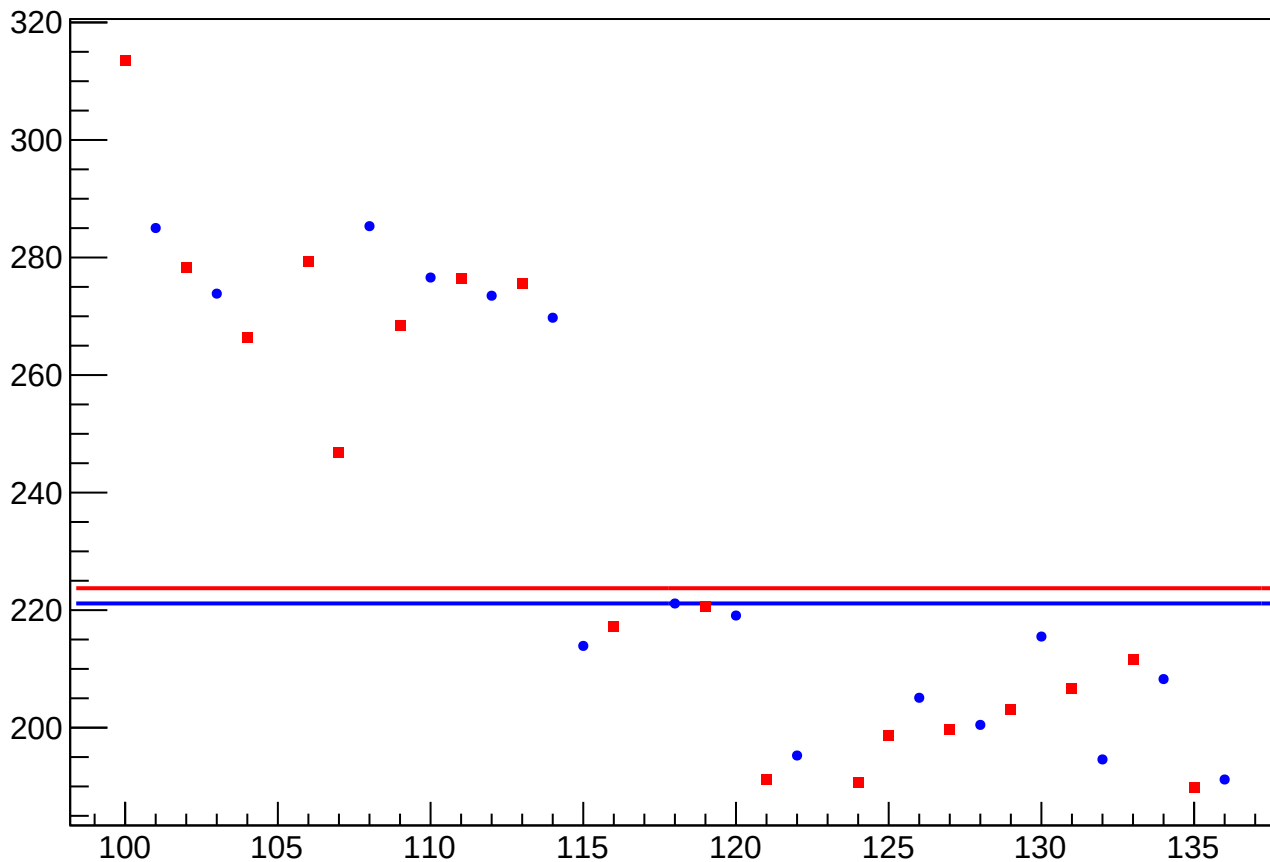
Right: 136.945 $\pm$ 59.110 χ^2 /NDF: 31.9/33

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: 136.945 $\pm$ 59.110 χ^2 /NDF: 31.9/33

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: 223.730+/-0.059 χ^2/NDF : 318699.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

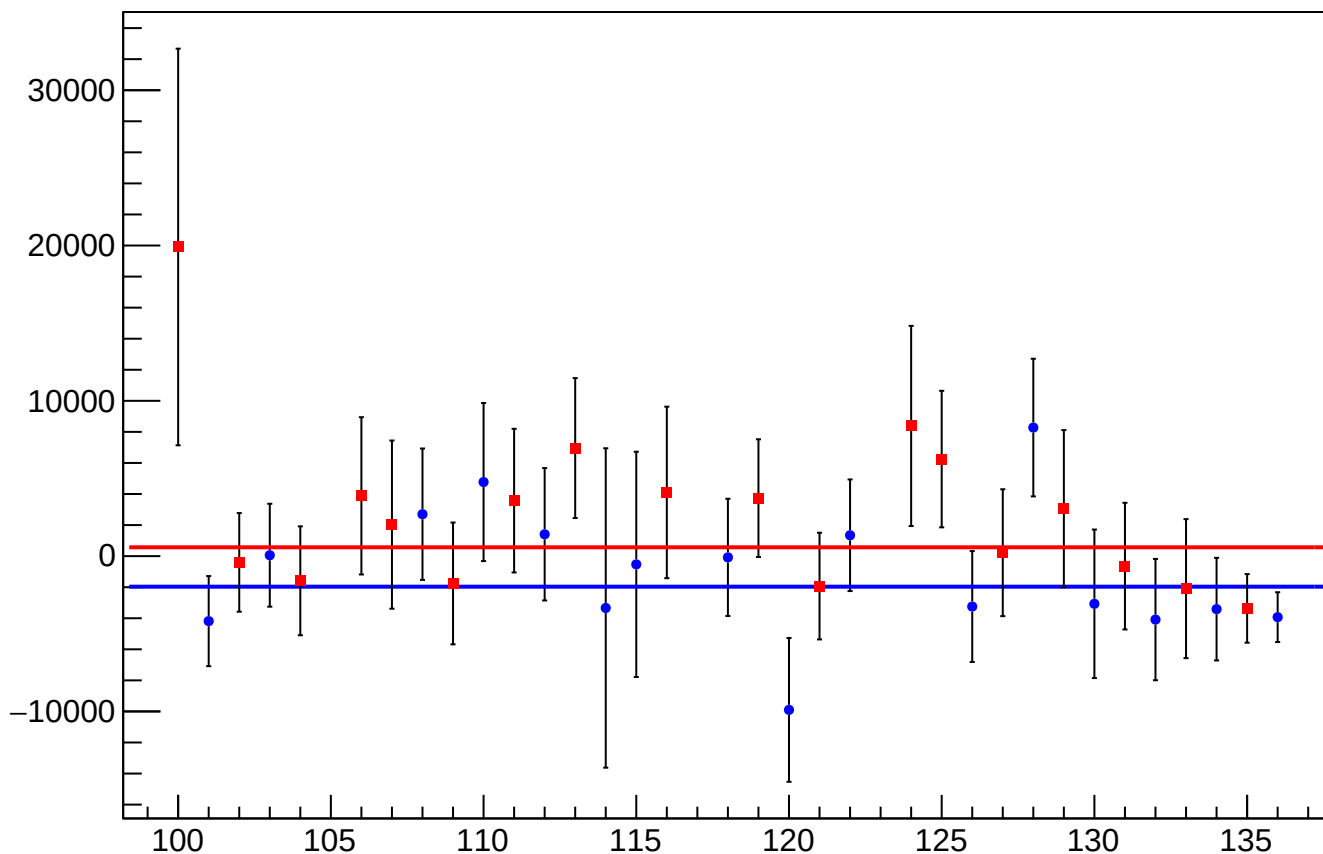
Right: 222.419+/-0.042 χ^2/NDF : 638361.8/33

In: 221.139+/-0.059 χ^2/NDF : 318702.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.419+/-0.042 χ^2/NDF : 638361.8/33

asym_sam_26_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -1967.414+/-876.610 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 569.489+/-954.435 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

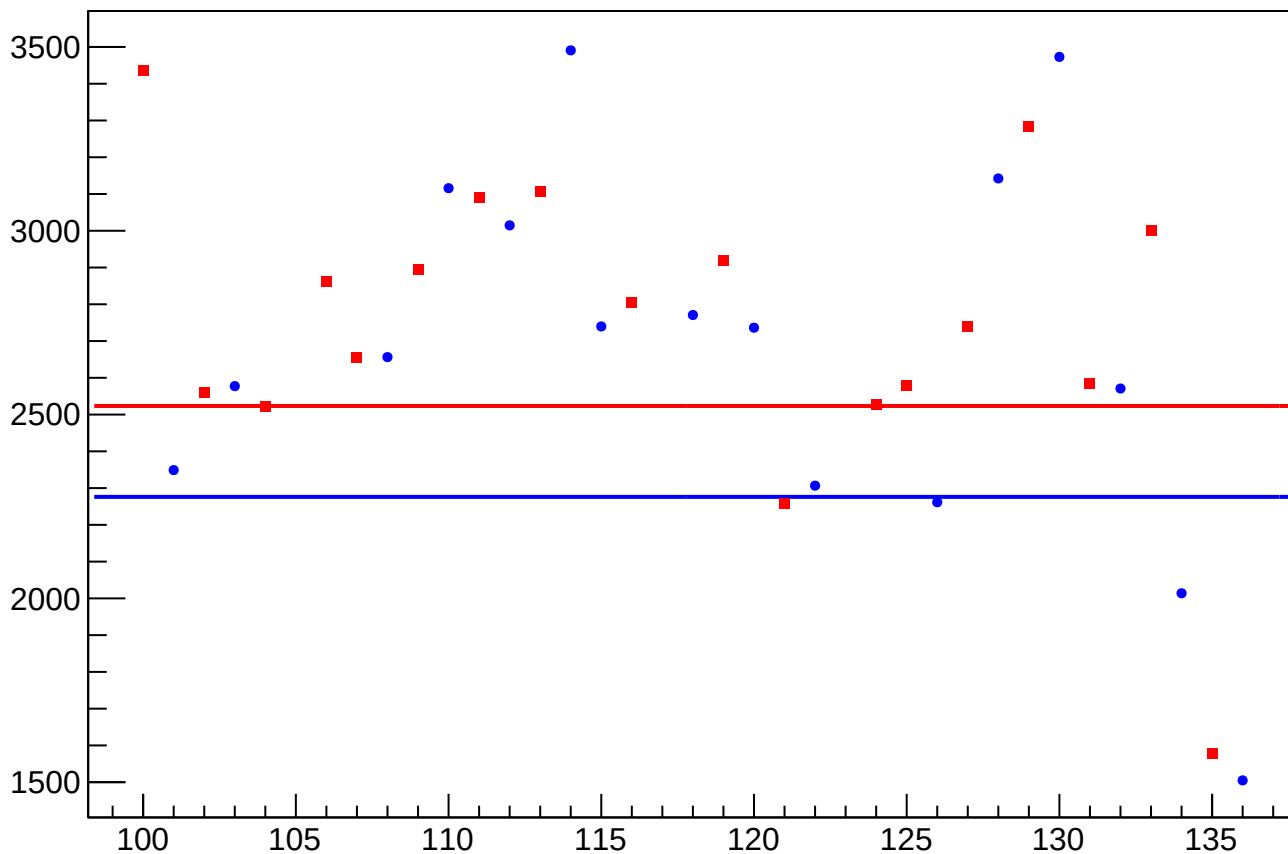
Right: -806.594+/-645.620 χ^2/NDF : 34.7/33

In: -1967.414+/-876.610 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.594+/-645.620 χ^2/NDF : 34.7/33

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: 2523.393+/-0.675 χ^2/NDF : 582492.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

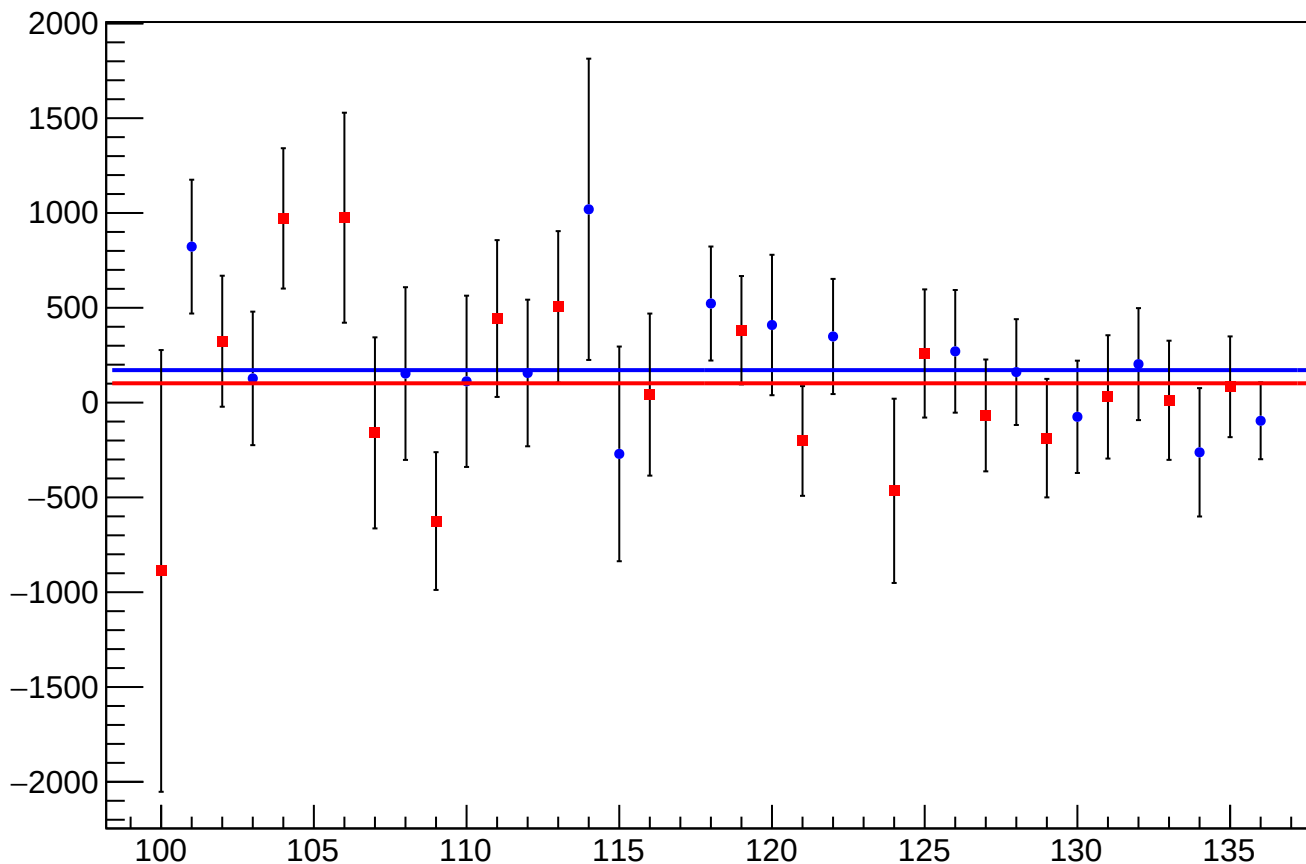
Right: 2389.273+/-0.457 χ^2/NDF : 1582283.3/33

In: 2276.134+/-0.620 χ^2/NDF : 926982.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.273+/-0.457 χ^2/NDF : 1582283.3/33

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: 101.827 $\pm$ 84.080 χ^2 /NDF: 20.1/17

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

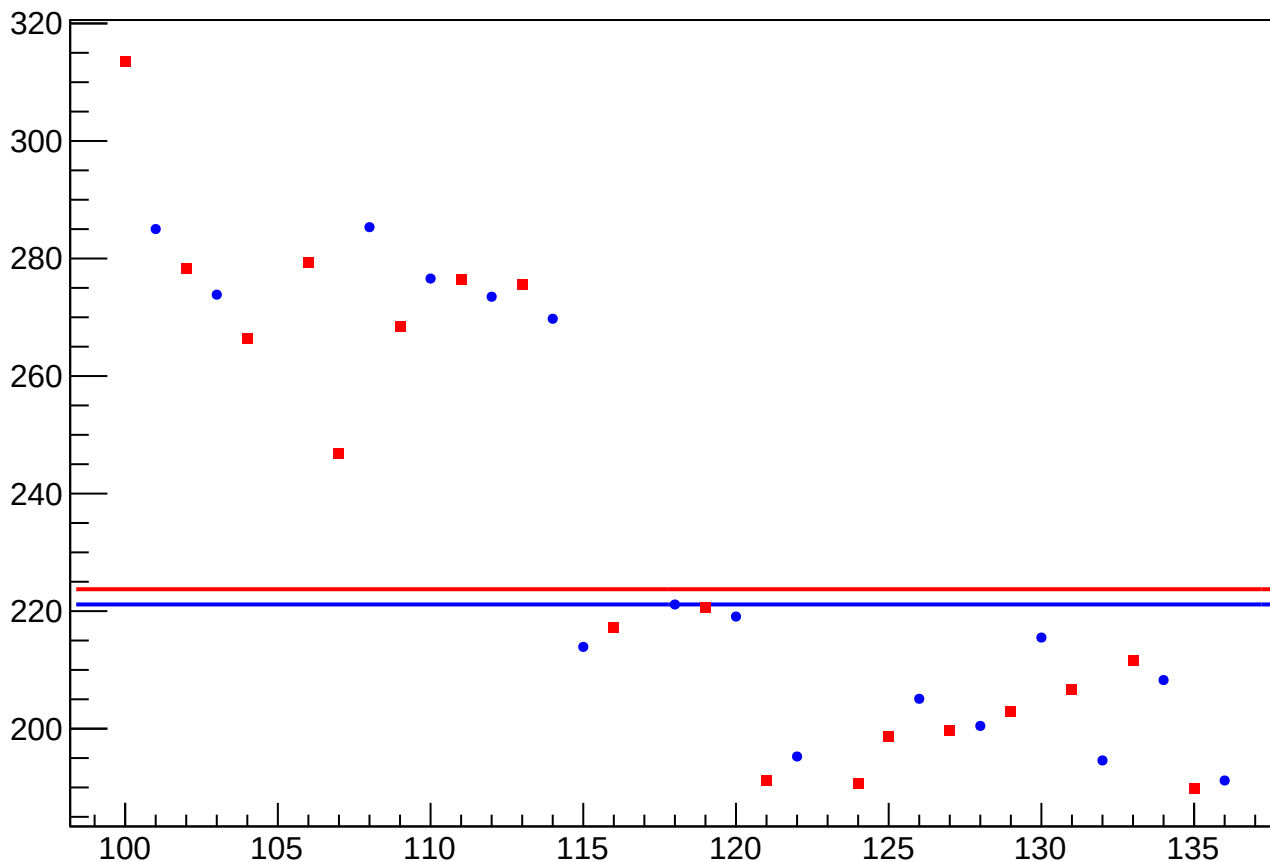
Right: 136.944 $\pm$ 59.110 χ^2 /NDF: 31.9/33

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: 136.944 $\pm$ 59.110 χ^2 /NDF: 31.9/33

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: 223.729+/-0.059 χ^2/NDF : 318692.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

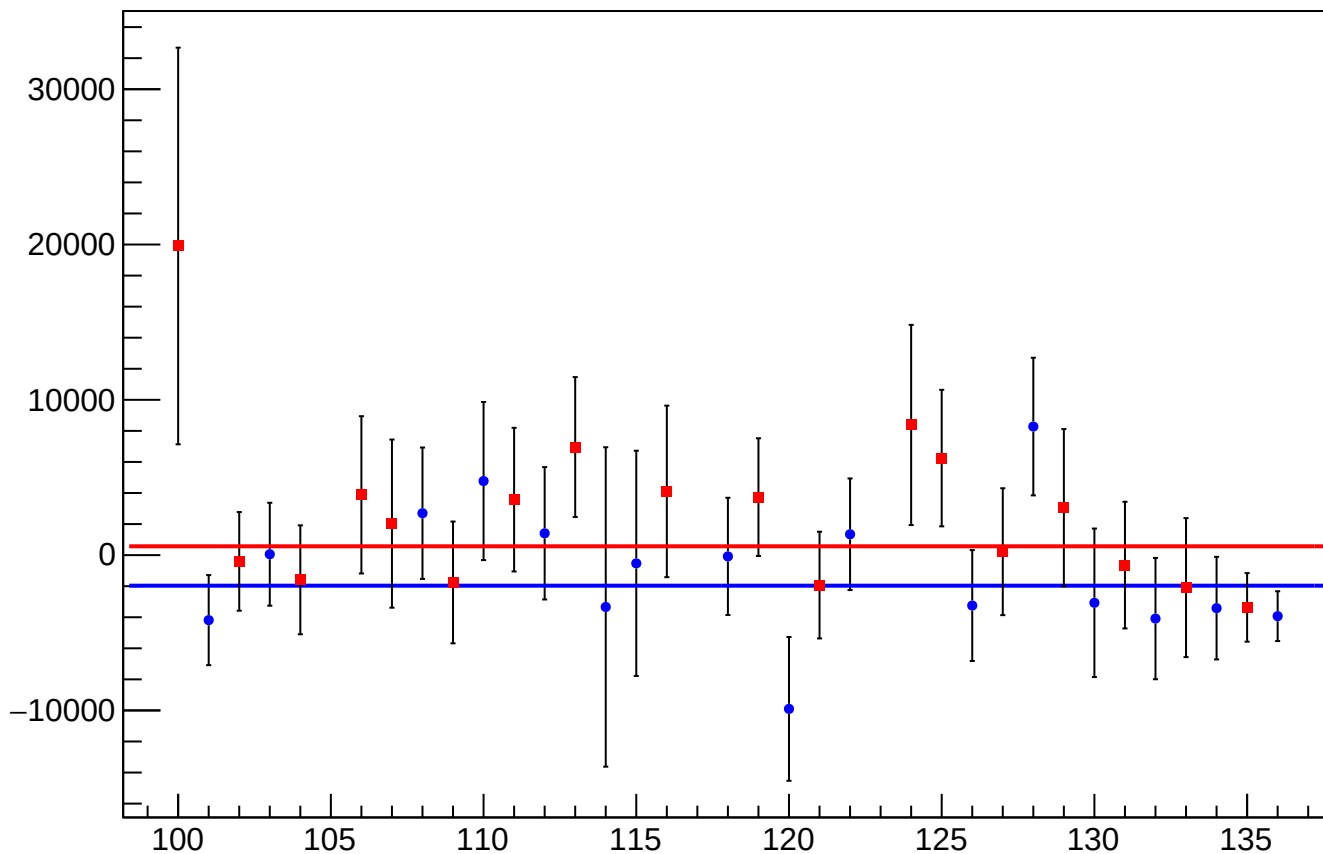
Right: 222.418+/-0.042 χ^2/NDF : 638350.3/33

In: 221.138+/-0.059 χ^2/NDF : 318696.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.418+/-0.042 χ^2/NDF : 638350.3/33

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: 569.489+/-954.433 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

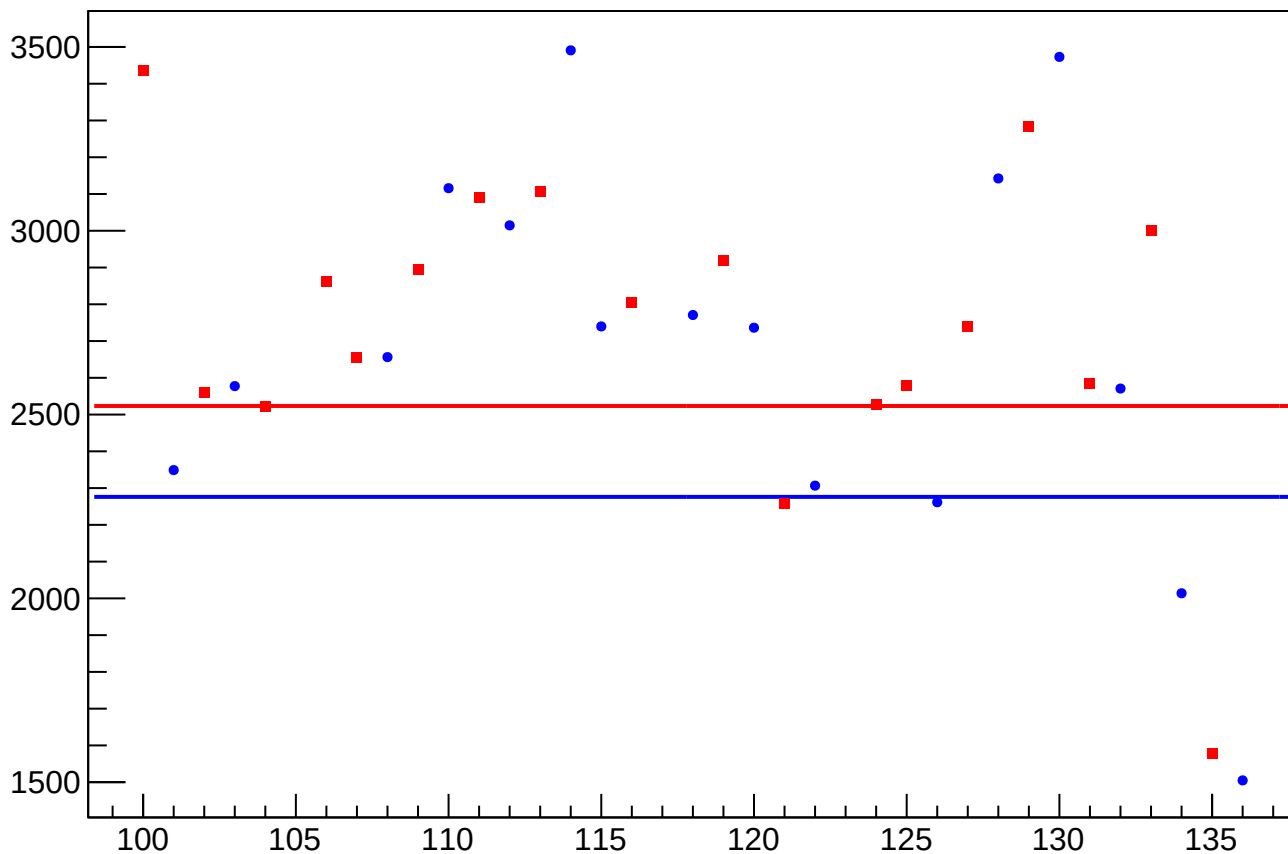
Right: -806.591+/-645.618 χ^2/NDF : 34.7/33

In: -1967.409+/-876.608 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -806.591+/-645.618 χ^2/NDF : 34.7/33

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: 2523.389+/-0.675 χ^2/NDF : 582486.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

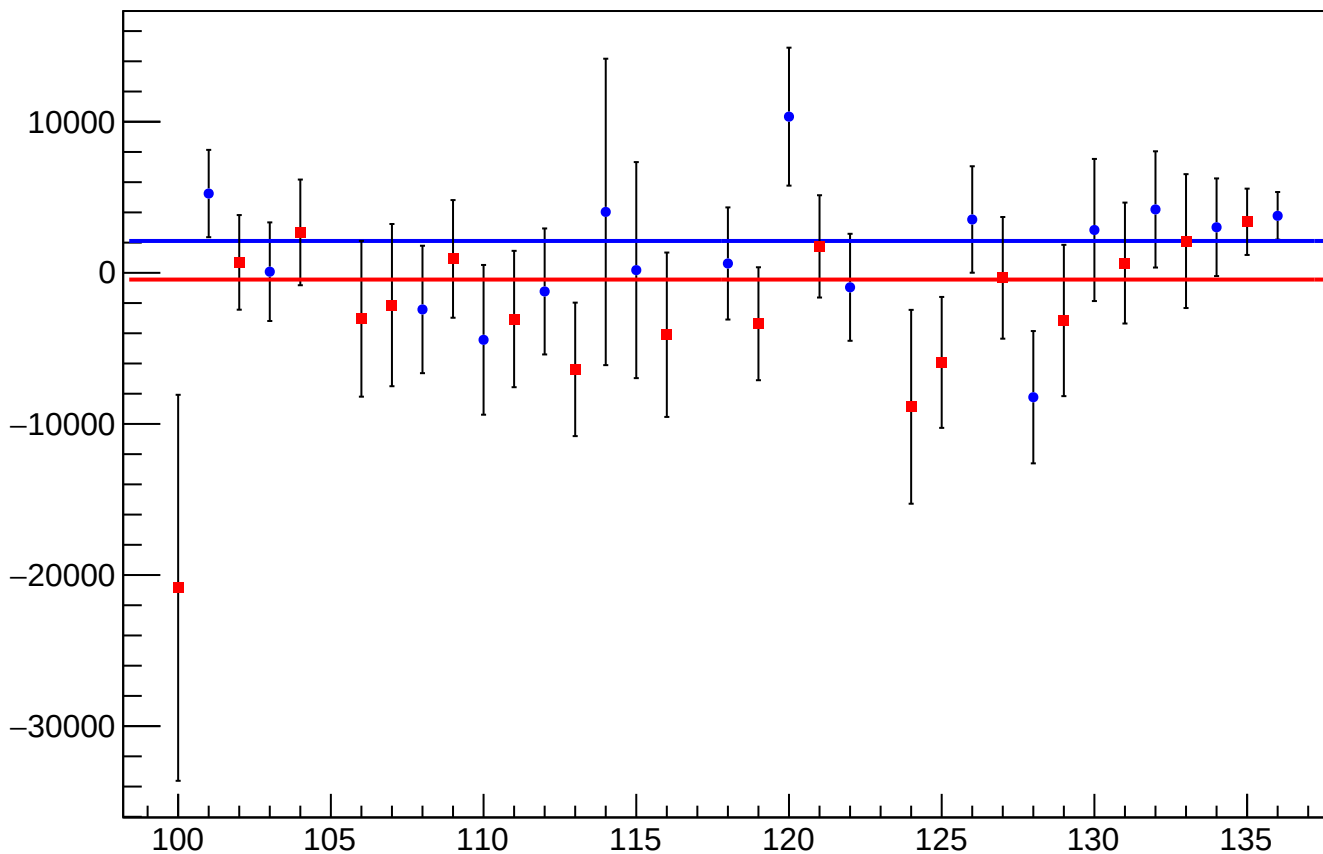
Right: 2389.270+/-0.457 χ^2/NDF : 1582267.9/33

In: 2276.132+/-0.620 χ^2/NDF : 926973.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2389.270+/-0.457 χ^2/NDF : 1582267.9/33

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: -444.979 $\pm$ 944.340 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

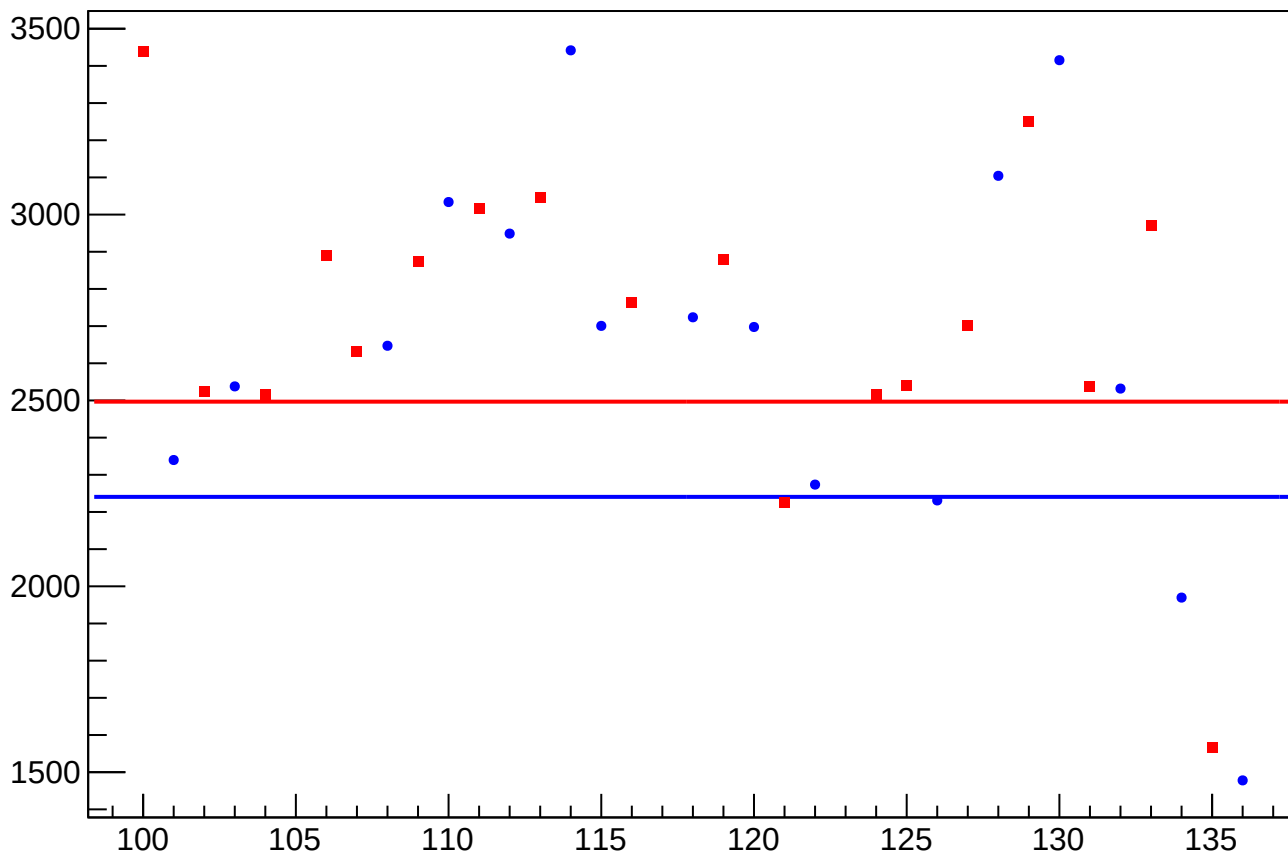
Right: 946.586 $\pm$ 637.169 χ^2 /NDF: 35.3/33

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: 946.586 $\pm$ 637.169 χ^2 /NDF: 35.3/33

asym_sam_26_dd_rms vs Slug, Sign Corrected



Right In: 2240.626 $\pm$ 0.610 χ^2 /NDF: 933590.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2496.763 $\pm$ 0.668 χ^2 /NDF: 571263.0/17

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

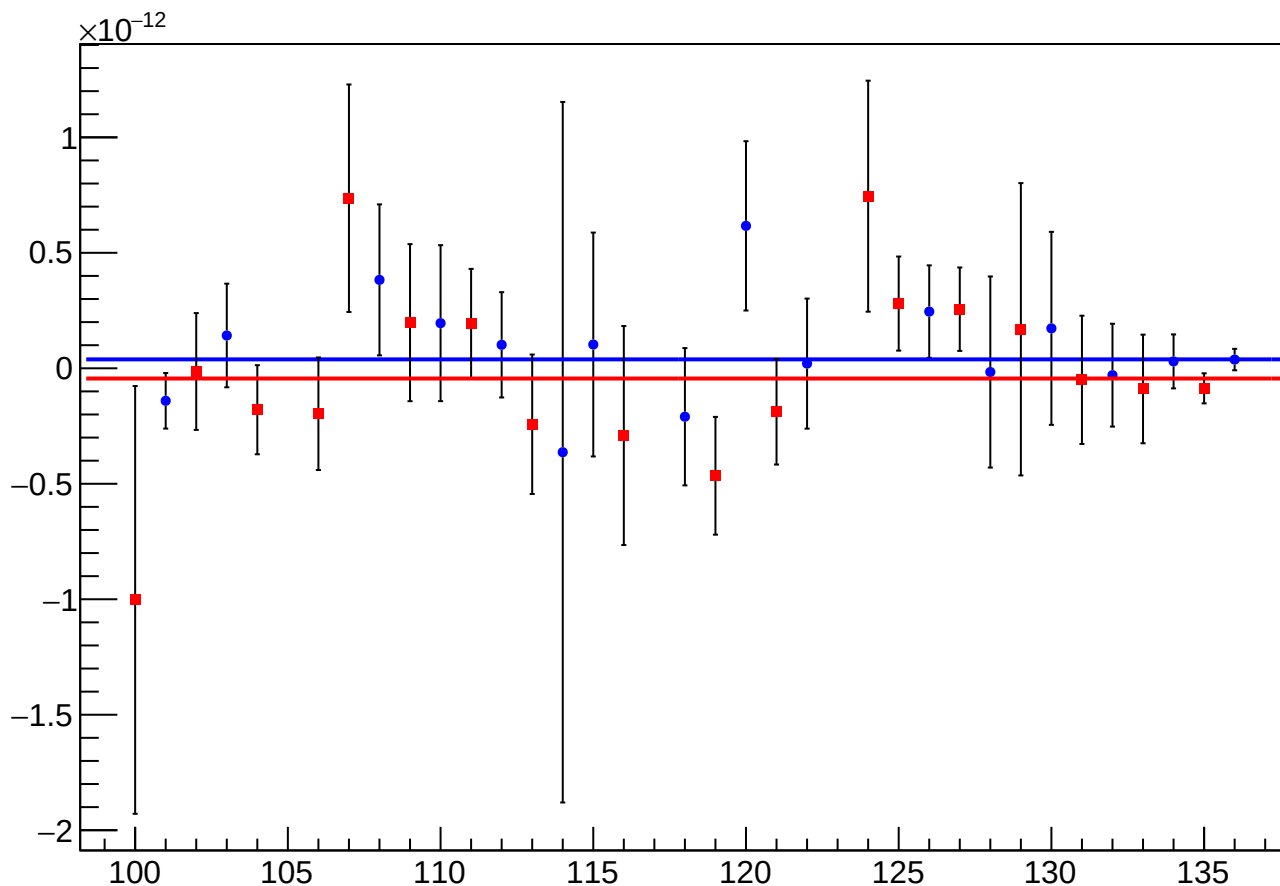
Right: 2357.233 $\pm$ 0.451 χ^2 /NDF: 1585005.5/33

In: 2240.626 $\pm$ 0.610 χ^2 /NDF: 933590.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2357.233 $\pm$ 0.451 χ^2 /NDF: 1585005.5/33

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 : 18.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

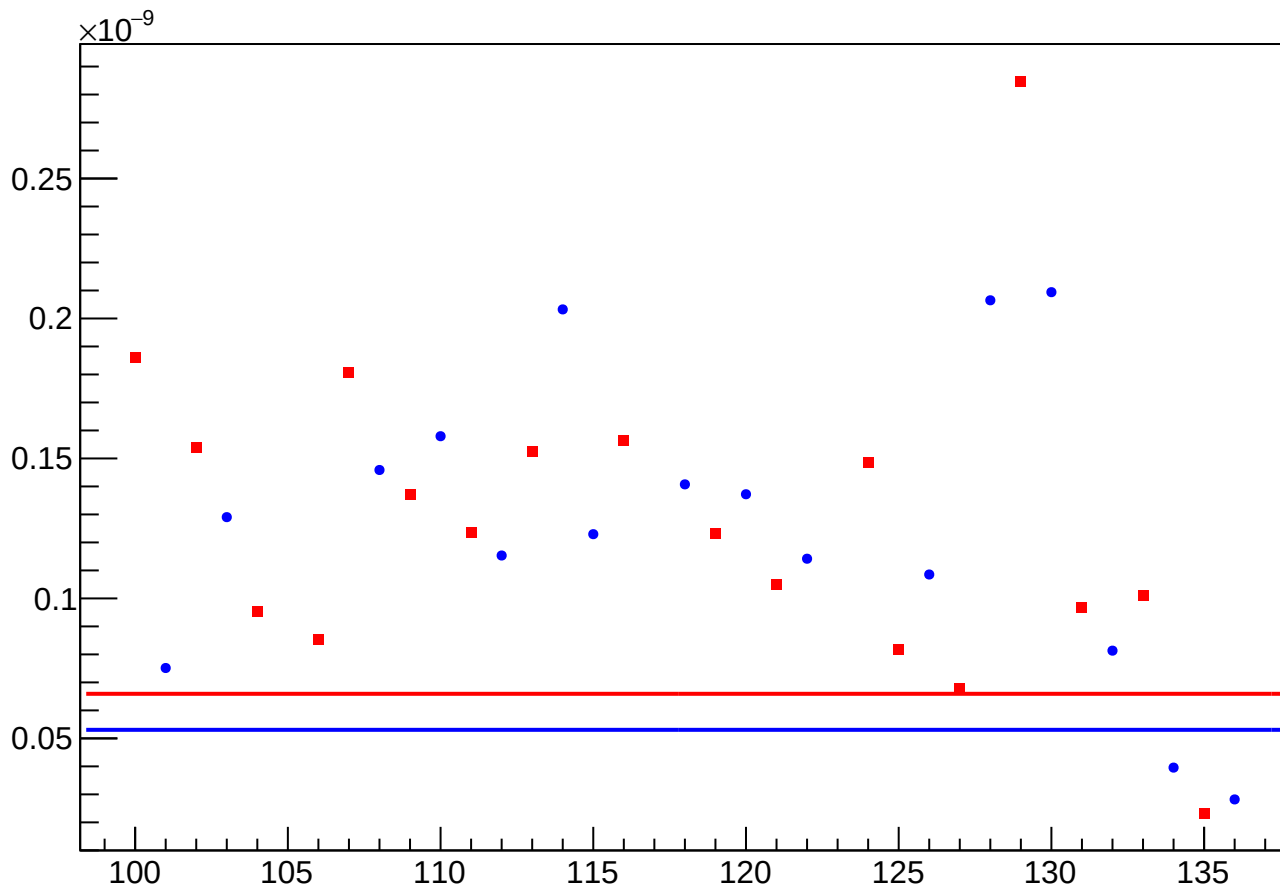
Right: 0.000+/-0.000 χ^2/NDF : 28.6/33

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 : 28.6/33

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 : 2283448.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

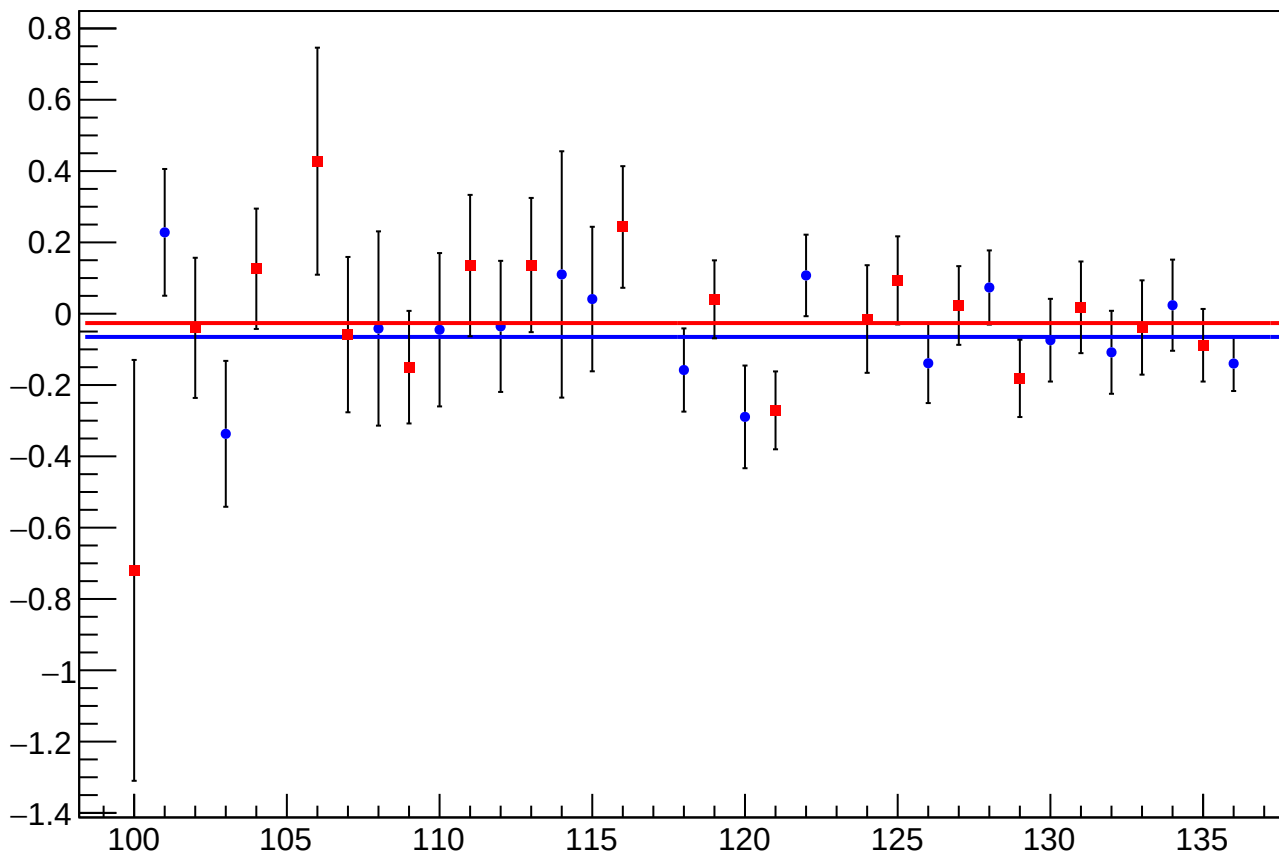
Right: 0.000+/-0.000 χ^2/NDF : 4955778.1/33

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 : 4955778.1/33

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: -0.026+/-0.034 χ^2/NDF : 17.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

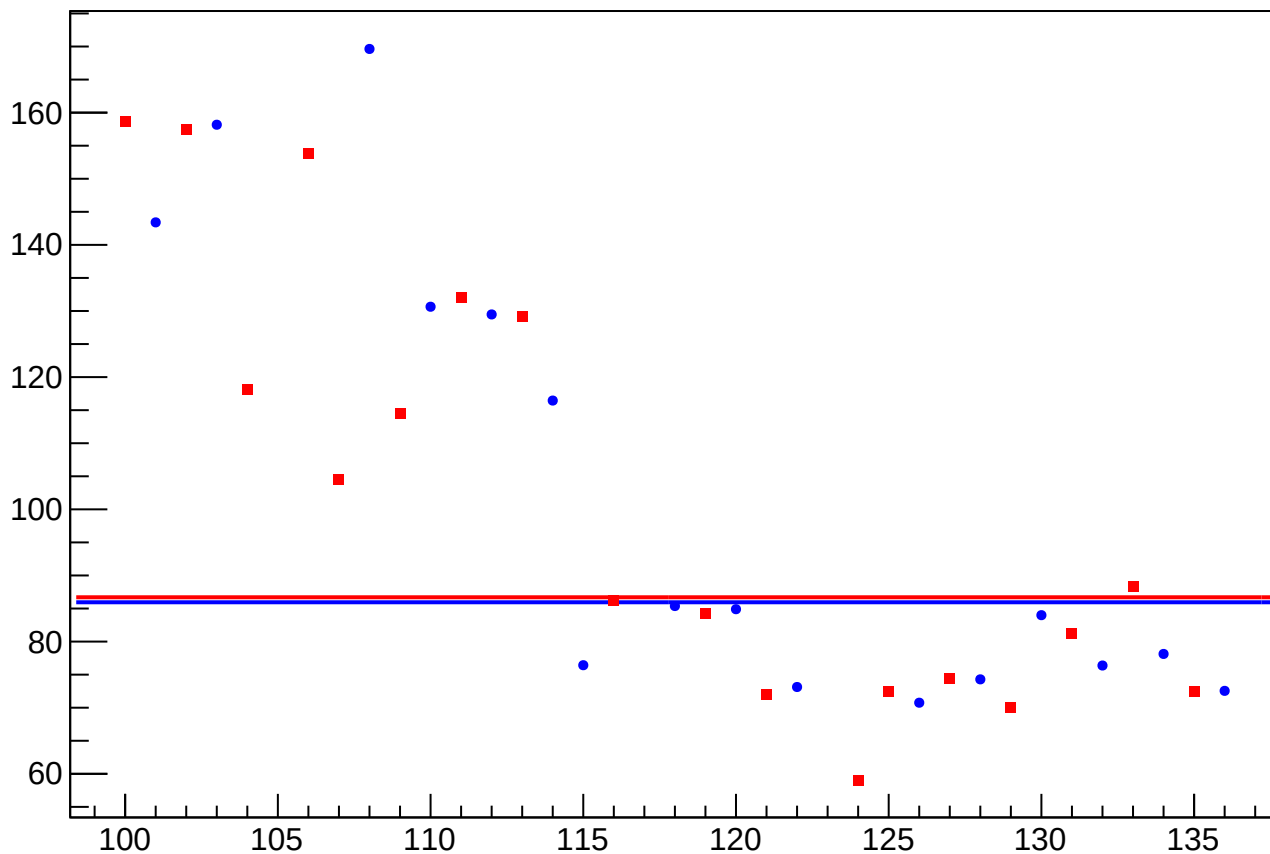
Right: -0.046+/-0.024 χ^2/NDF : 32.7/33

In: -0.065+/-0.033 χ^2/NDF : 14.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.046+/-0.024 χ^2/NDF : 32.7/33

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: 86.701 $\pm$ 0.024 χ^2 /NDF: 974970.1/17

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

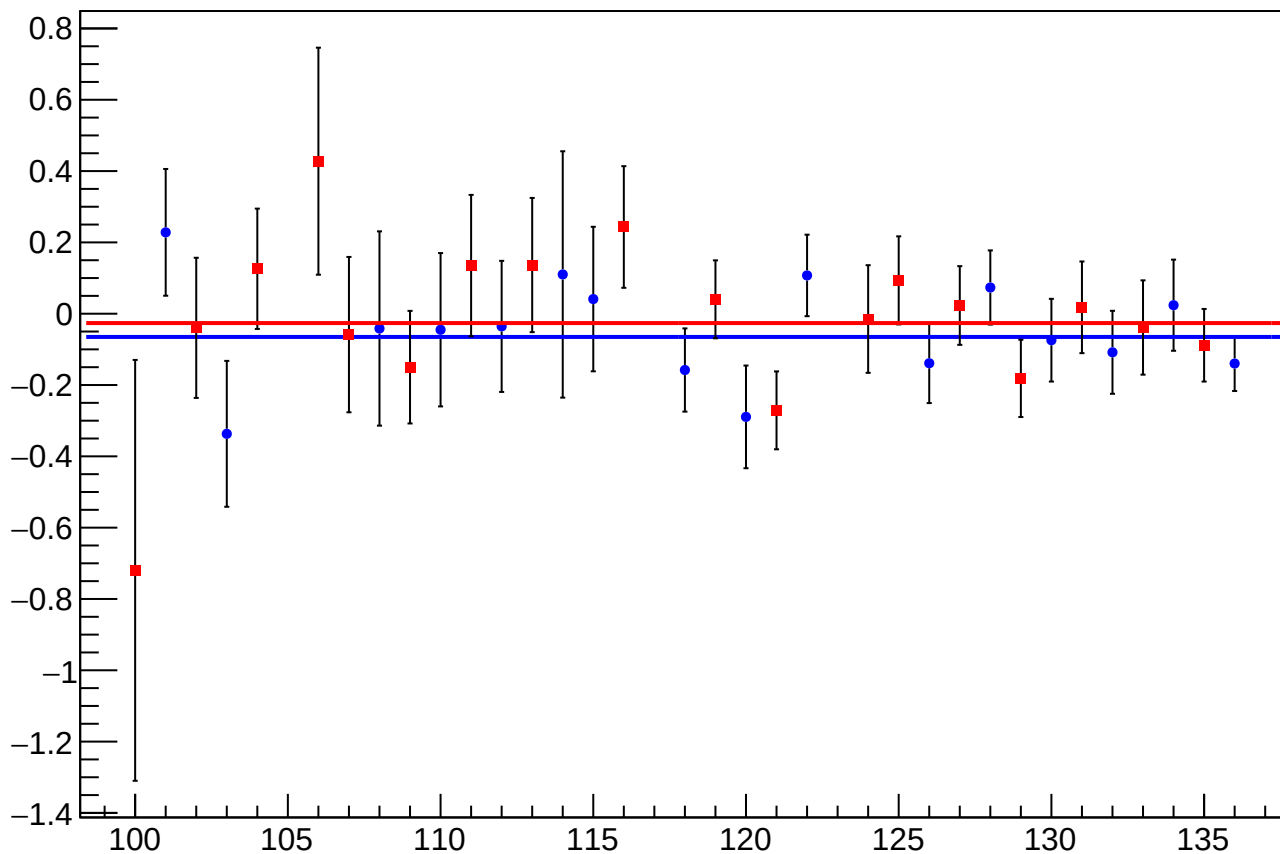
Right: 86.319 $\pm$ 0.017 χ^2 /NDF: 2010483.7/33

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: 86.319 $\pm$ 0.017 χ^2 /NDF: 2010483.7/33

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: -0.026+/-0.034 χ^2/NDF : 17.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

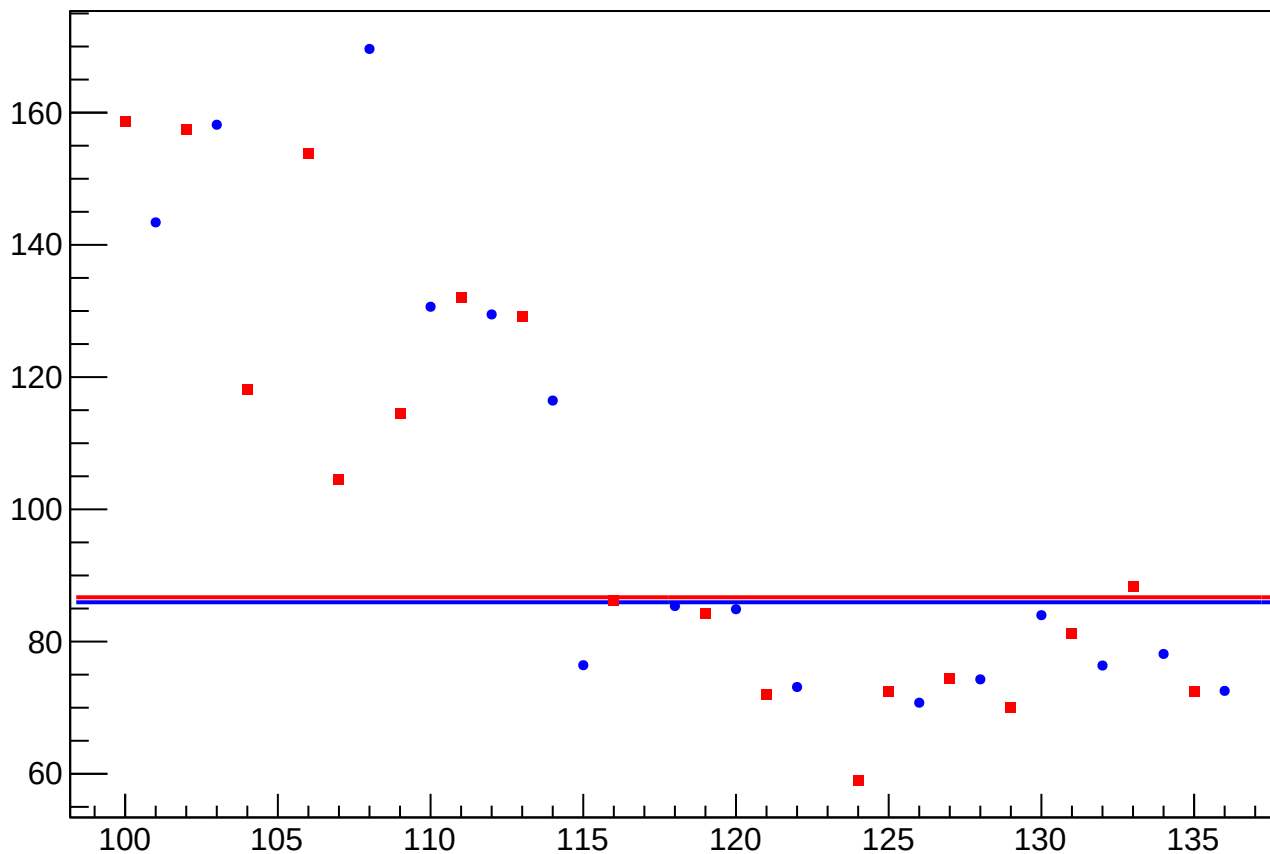
Right: -0.046+/-0.024 χ^2/NDF : 32.7/33

In: -0.065+/-0.033 χ^2/NDF :14.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.046+/-0.024 χ^2/NDF : 32.7/33

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: 86.701 $\pm$ 0.024 χ^2 /NDF: 974970.1/17

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

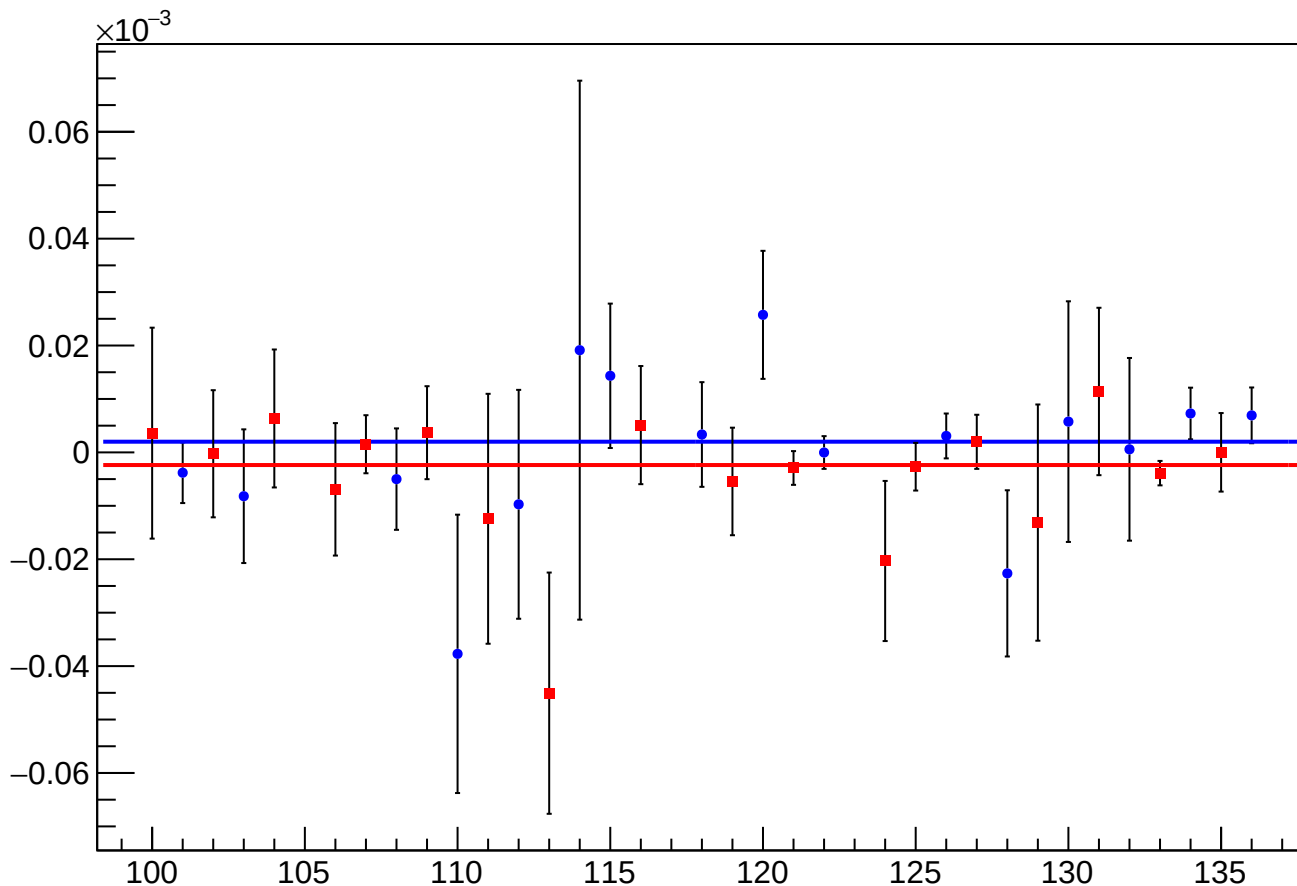
Right: 86.319 $\pm$ 0.017 χ^2 /NDF: 2010483.7/33

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: 86.319 $\pm$ 0.017 χ^2 /NDF: 2010483.7/33

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 : 9.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

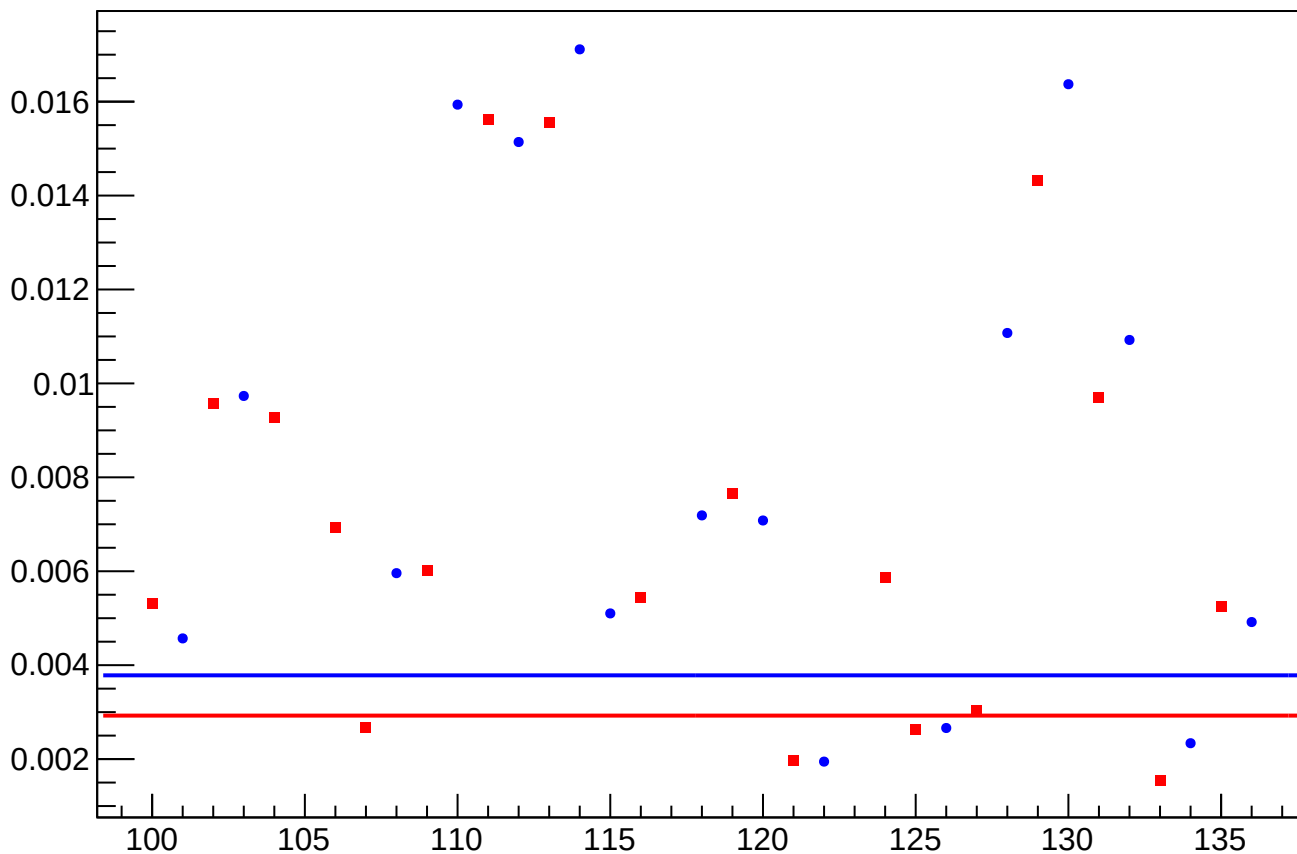
Right: -0.000+/-0.000 χ^2/NDF : 28.5/33

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 : 28.5/33

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 : 5475371.2/17

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 : 10460942.0/33

In: 0.004+/-0.000

χ^2/NDF : 4694299.9/15

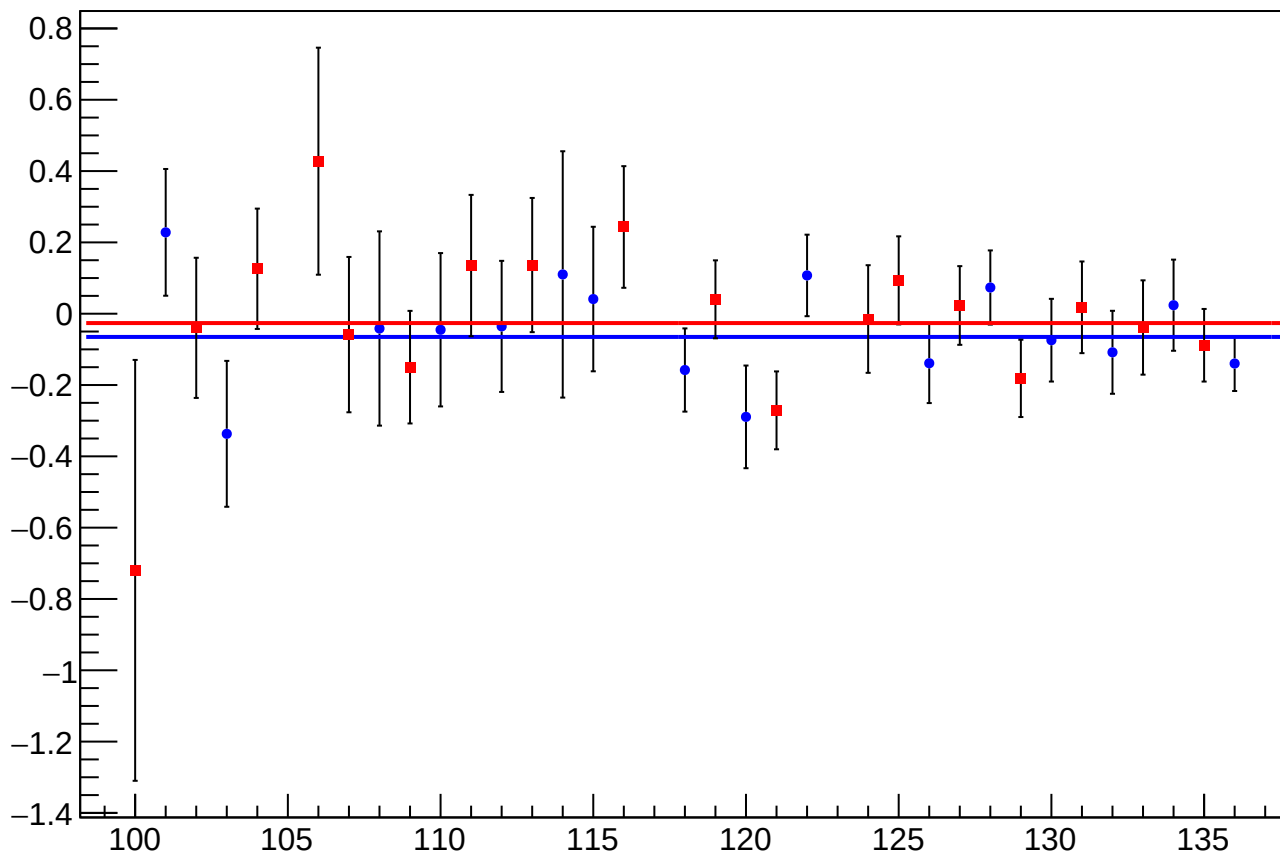
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 10460942.0/33

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: -0.026 ± 0.034 χ^2/NDF : 17.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

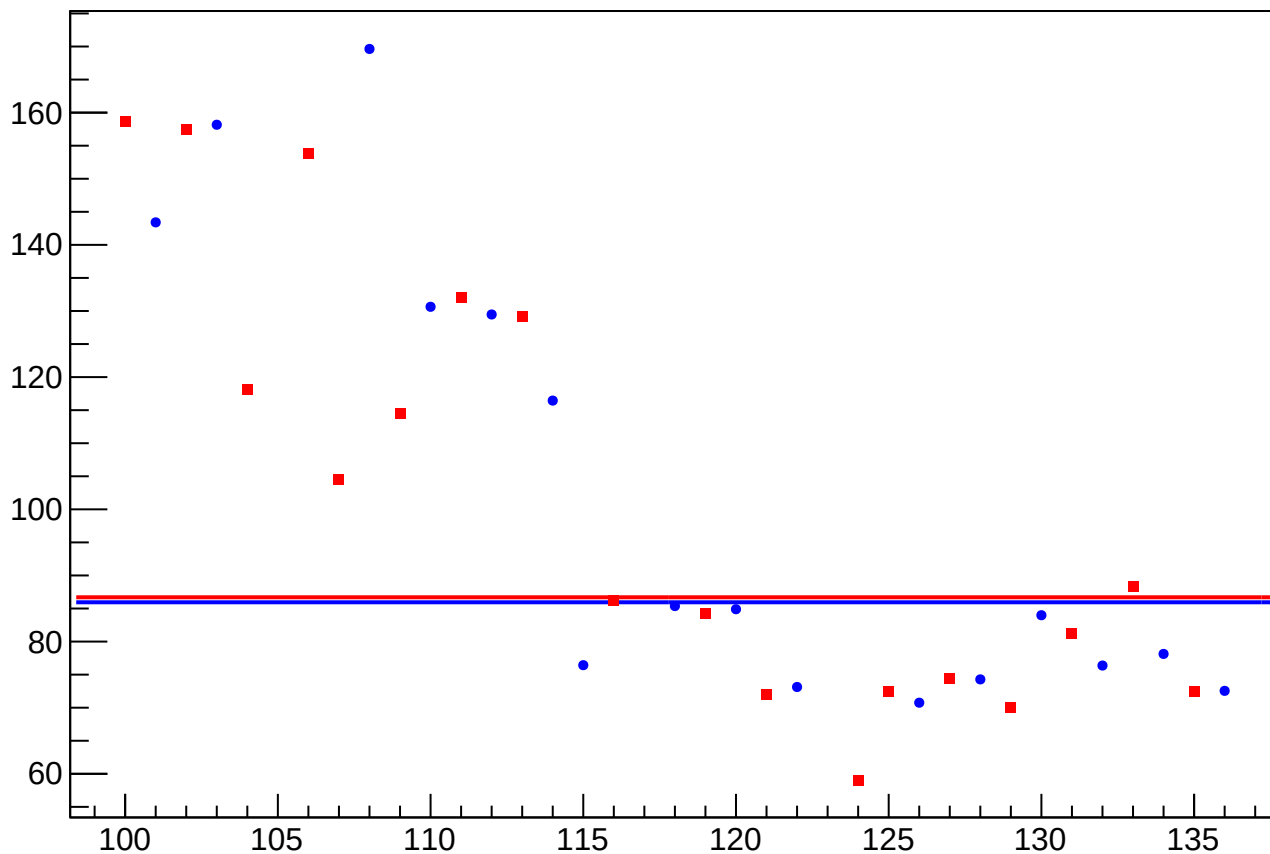
Right: -0.046 ± 0.024 χ^2/NDF : 32.7/33

In: -0.065 ± 0.033 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.046 ± 0.024 χ^2/NDF : 32.7/33

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.943+/-0.024 χ^2/NDF : 1034986.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.699+/-0.024 χ^2/NDF : 974967.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

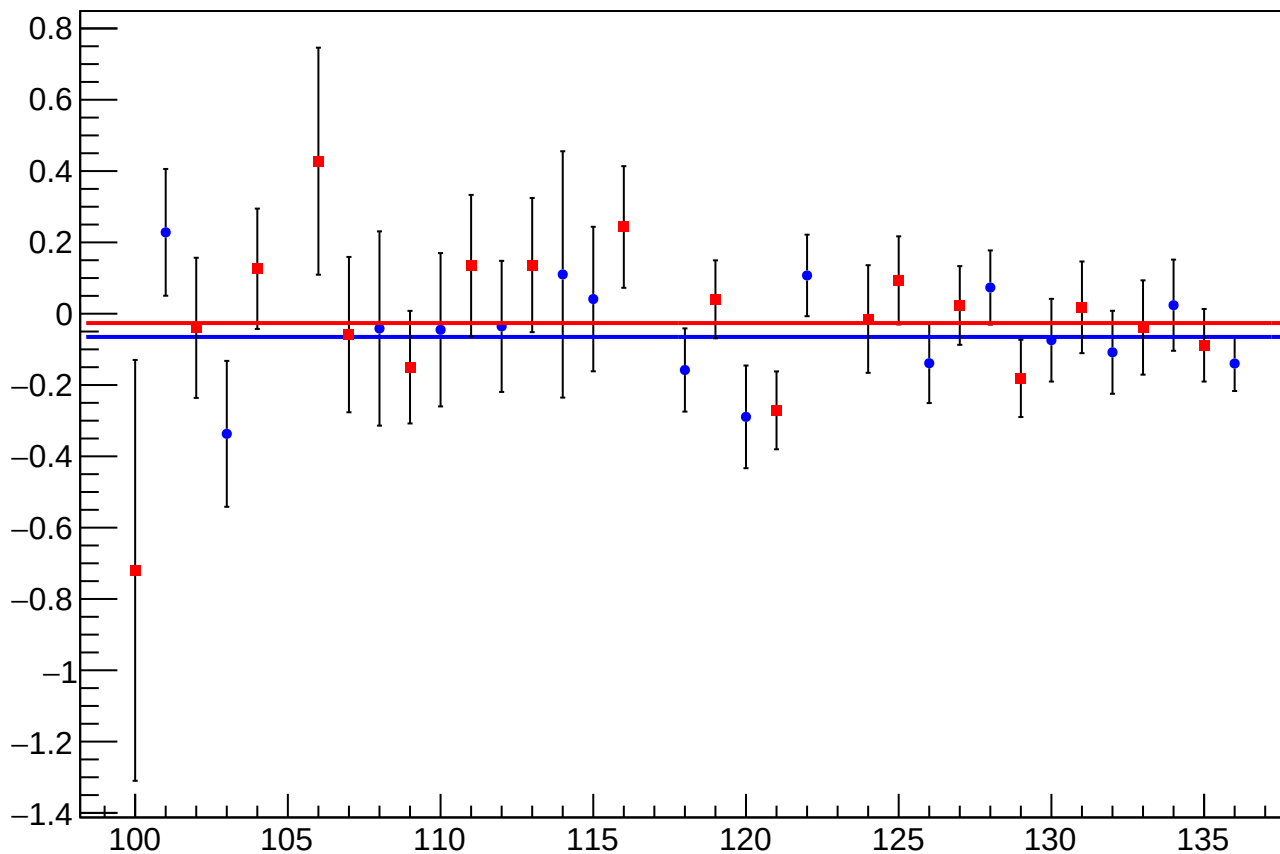
Right: 86.317+/-0.017 χ^2/NDF : 2010464.1/33

In: 85.943+/-0.024 χ^2/NDF : 1034986.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.317+/-0.017 χ^2/NDF : 2010464.1/33

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: -0.026+/-0.034 χ^2/NDF : 17.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

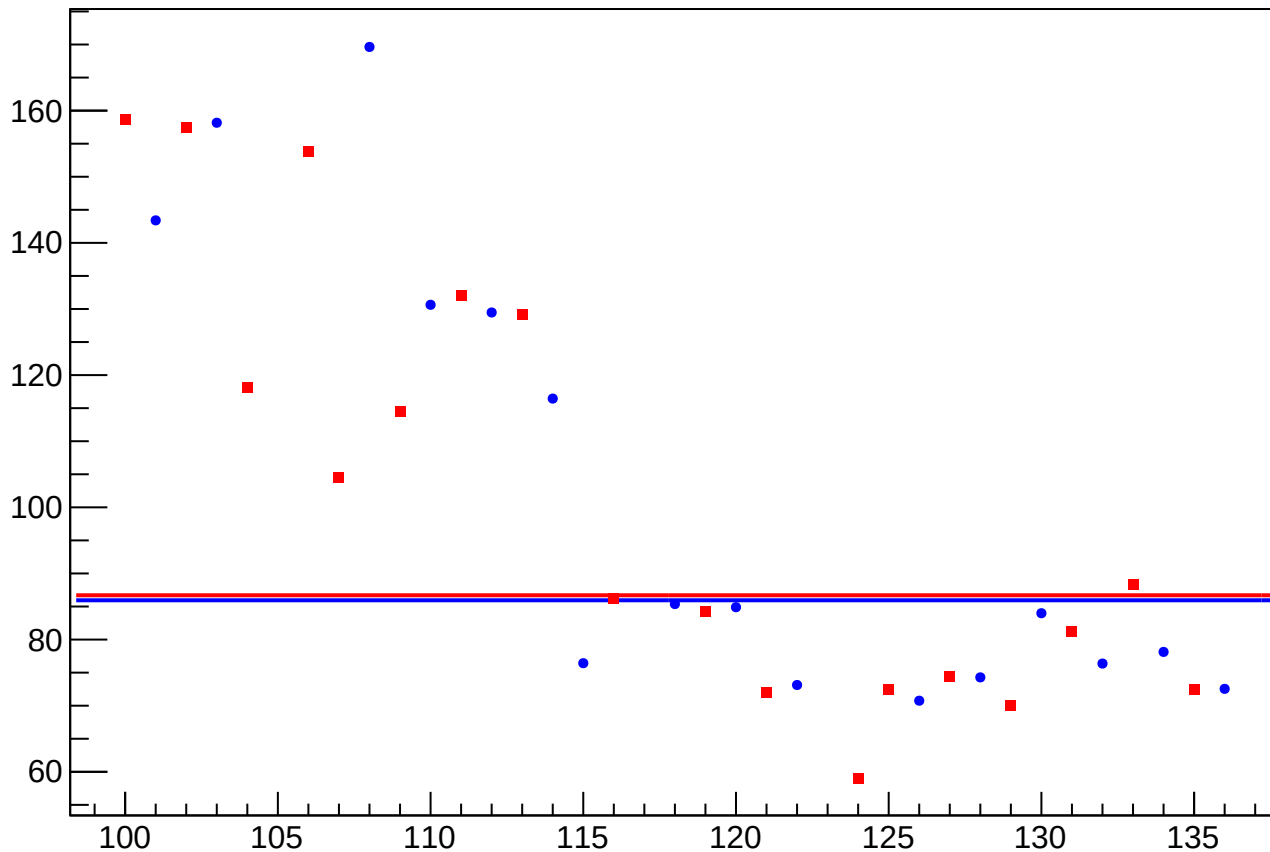
Right: -0.046+/-0.024 χ^2/NDF : 32.7/33

In: -0.065+/-0.033 χ^2/NDF :14.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.046+/-0.024 χ^2/NDF : 32.7/33

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 85.943+/-0.024 χ^2/NDF : 1034986.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.699+/-0.024 χ^2/NDF : 974967.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

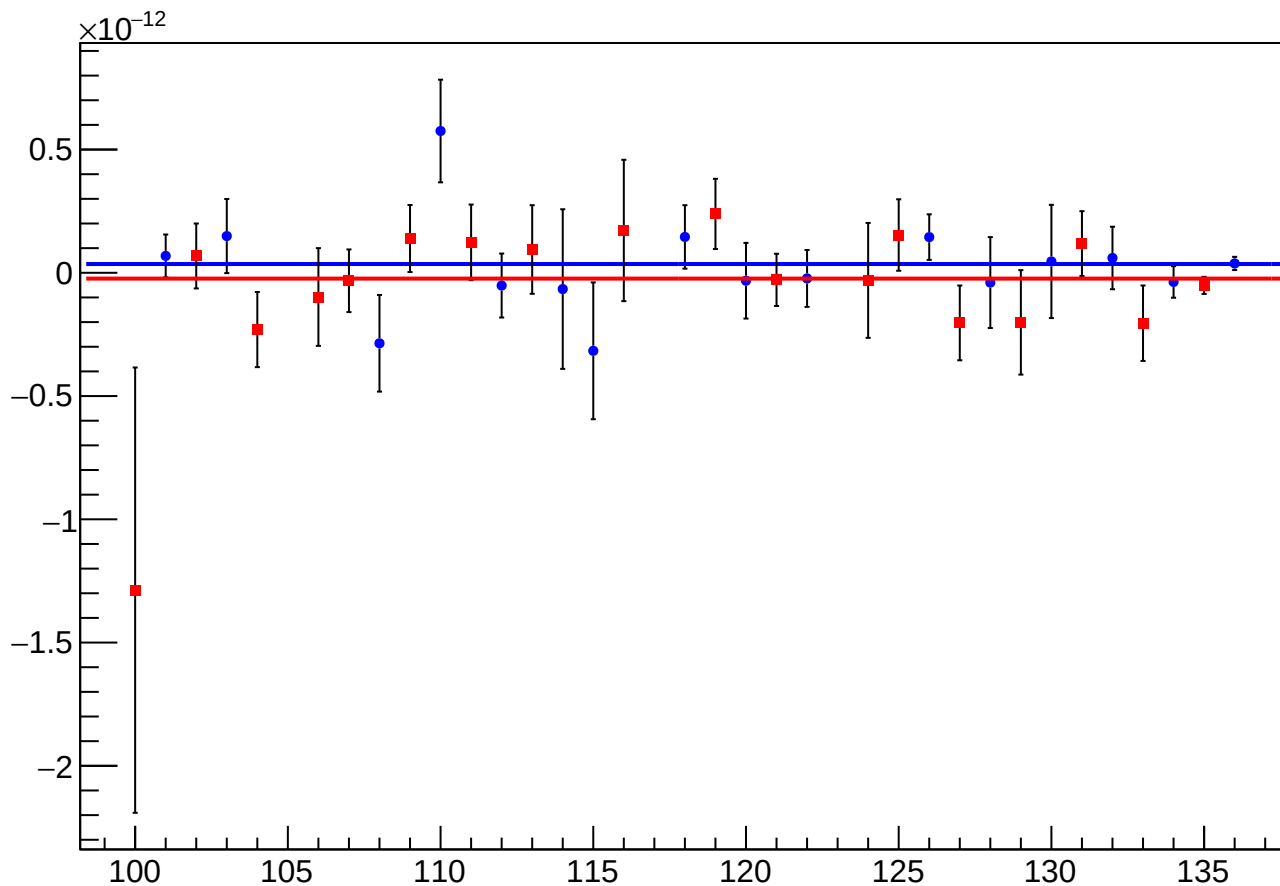
Right: 86.317+/-0.017 χ^2/NDF : 2010464.1/33

In: 85.943+/-0.024 χ^2/NDF : 1034986.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.317+/-0.017 χ^2/NDF : 2010464.1/33

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 : 17.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

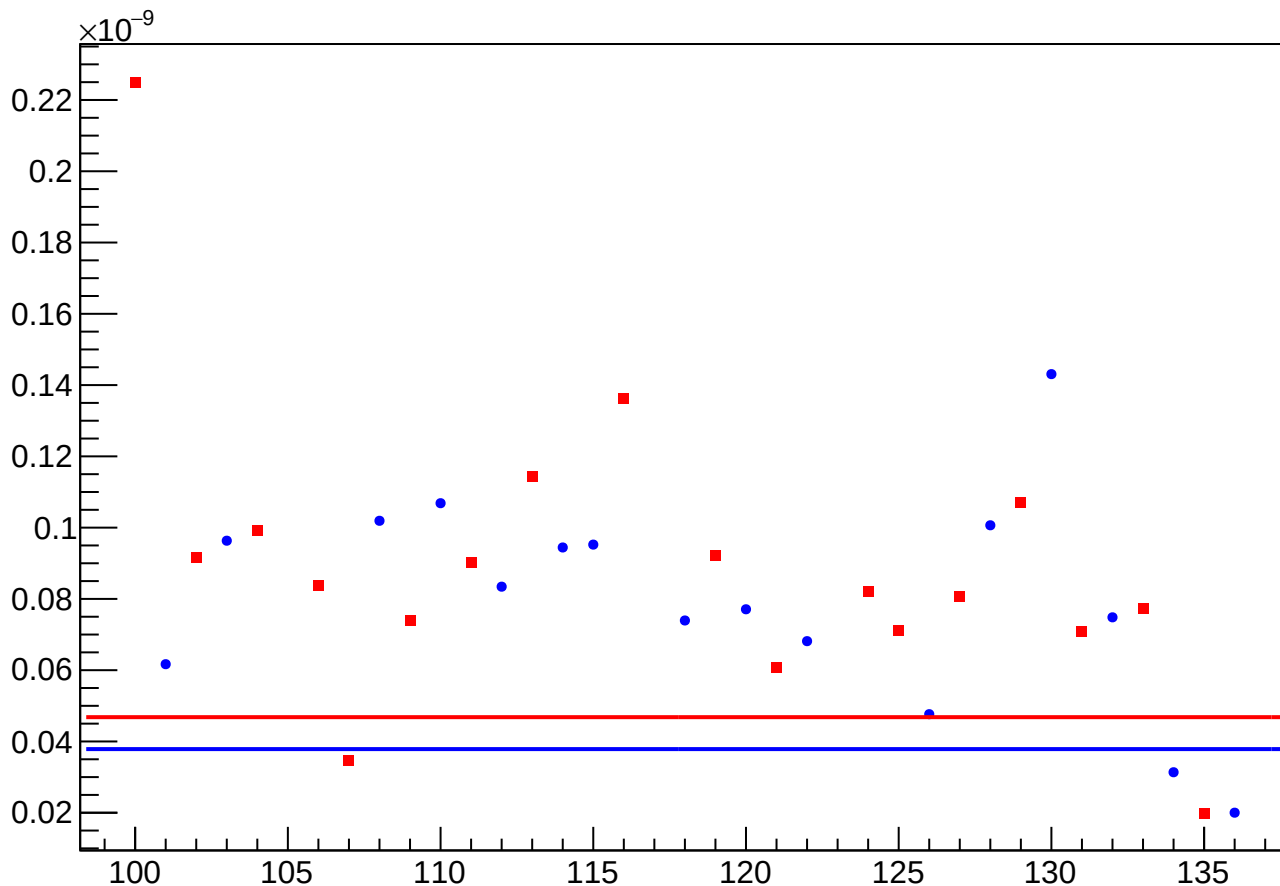
Right: 0.000+/-0.000 χ^2/NDF : 37.5/33

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 : 37.5/33

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 : 3320512.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

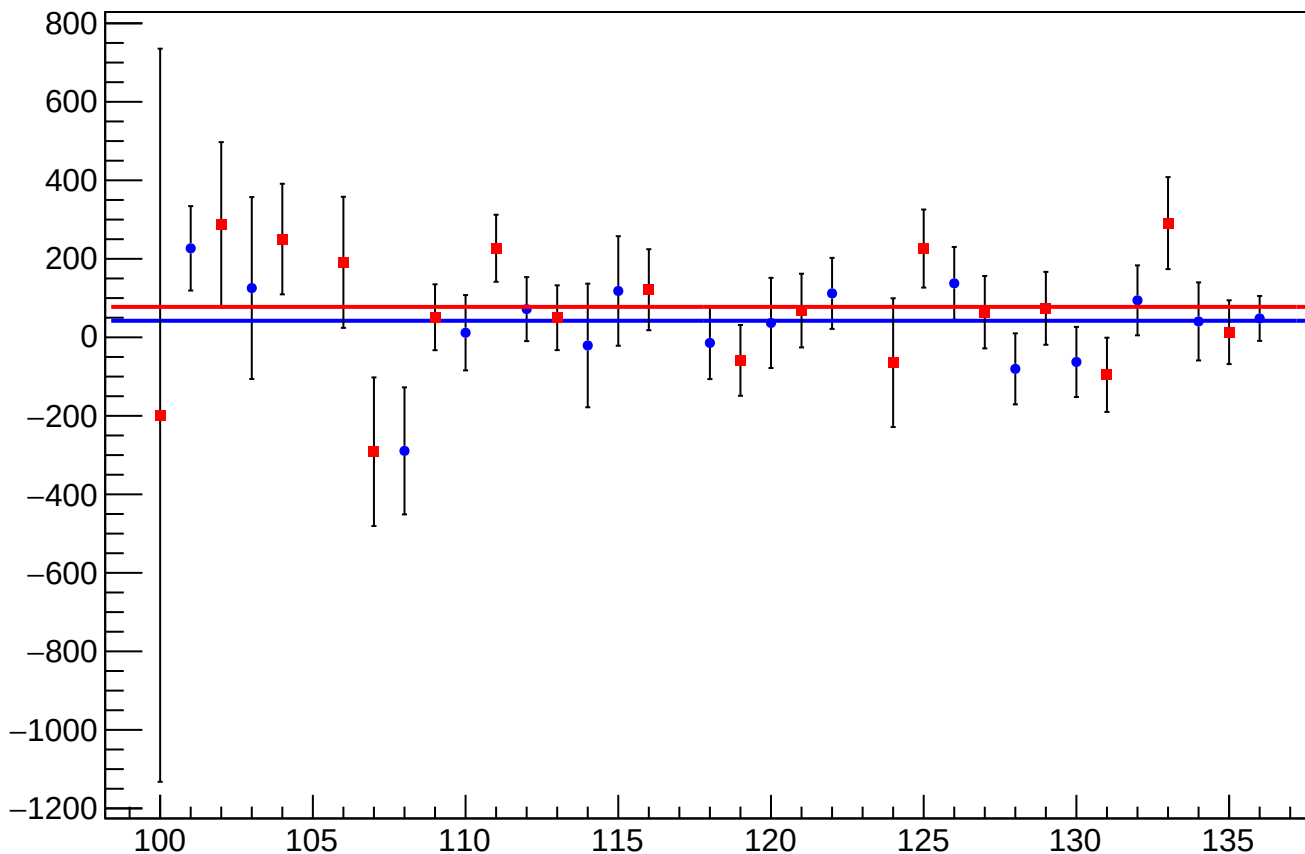
Right: 0.000+/-0.000 χ^2/NDF : 6926274.9/33

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 : 6926274.9/33

reg_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 42.220+/-24.207 χ^2/NDF : 13.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 77.587+/-24.985 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

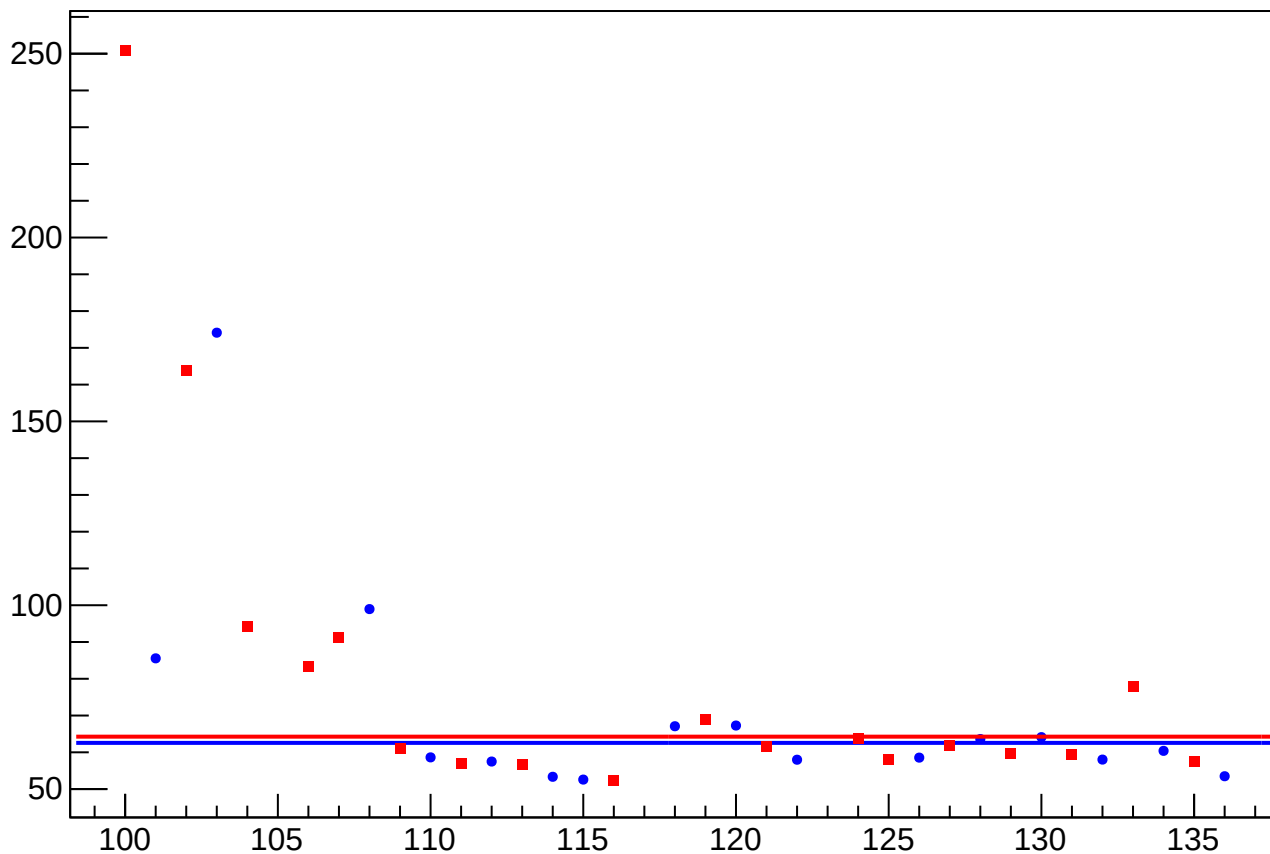
Right: 59.344+/-17.385 χ^2/NDF : 37.5/33

In: 42.220+/-24.207 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.344+/-17.385 χ^2/NDF : 37.5/33

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: 64.257+/-0.018 χ^2/NDF : 811944.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

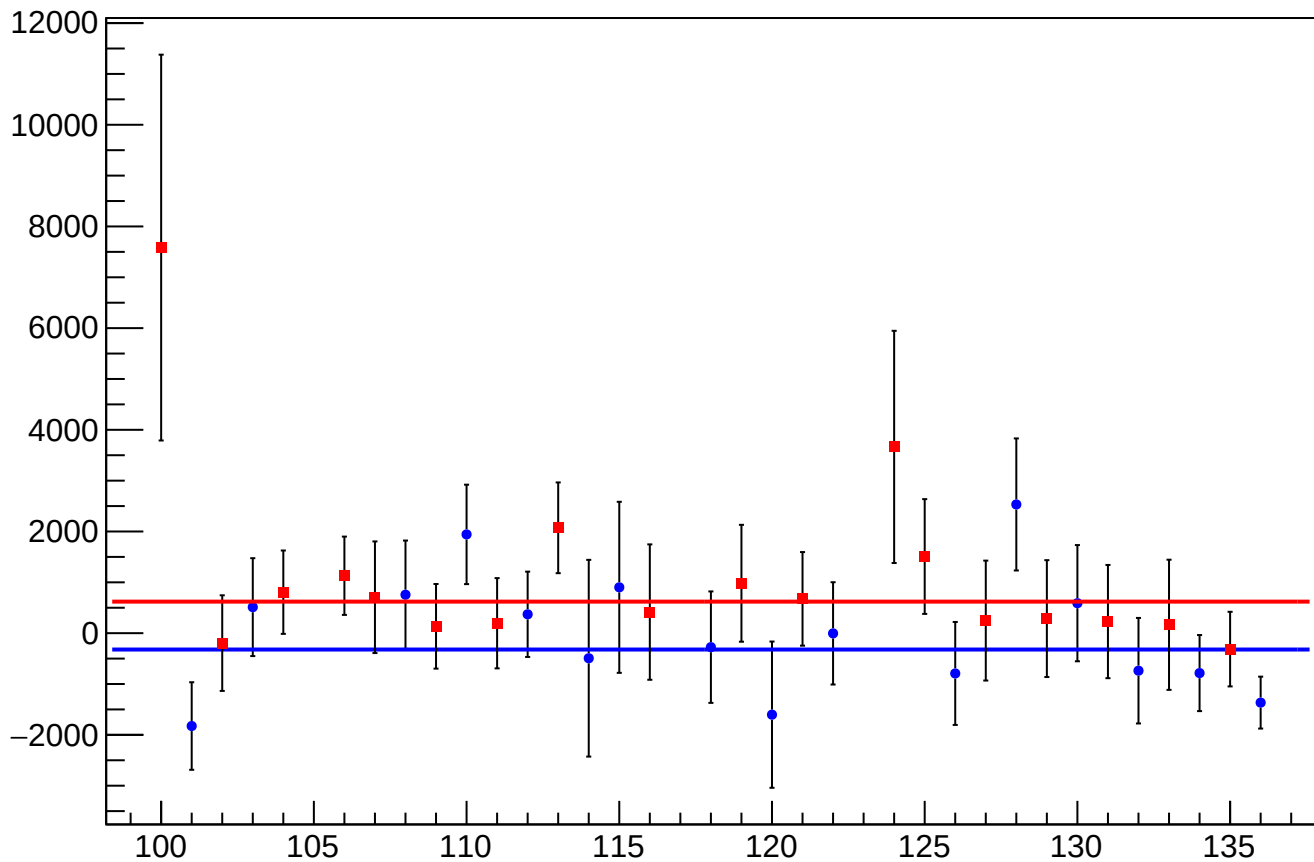
Right: 63.385+/-0.012 χ^2/NDF : 1575275.8/33

In: 62.566+/-0.017 χ^2/NDF : 758603.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.385+/-0.012 χ^2/NDF : 1575275.8/33

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: 620.589 $\pm$ 239.723 χ^2 /NDF: 12.4/17

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

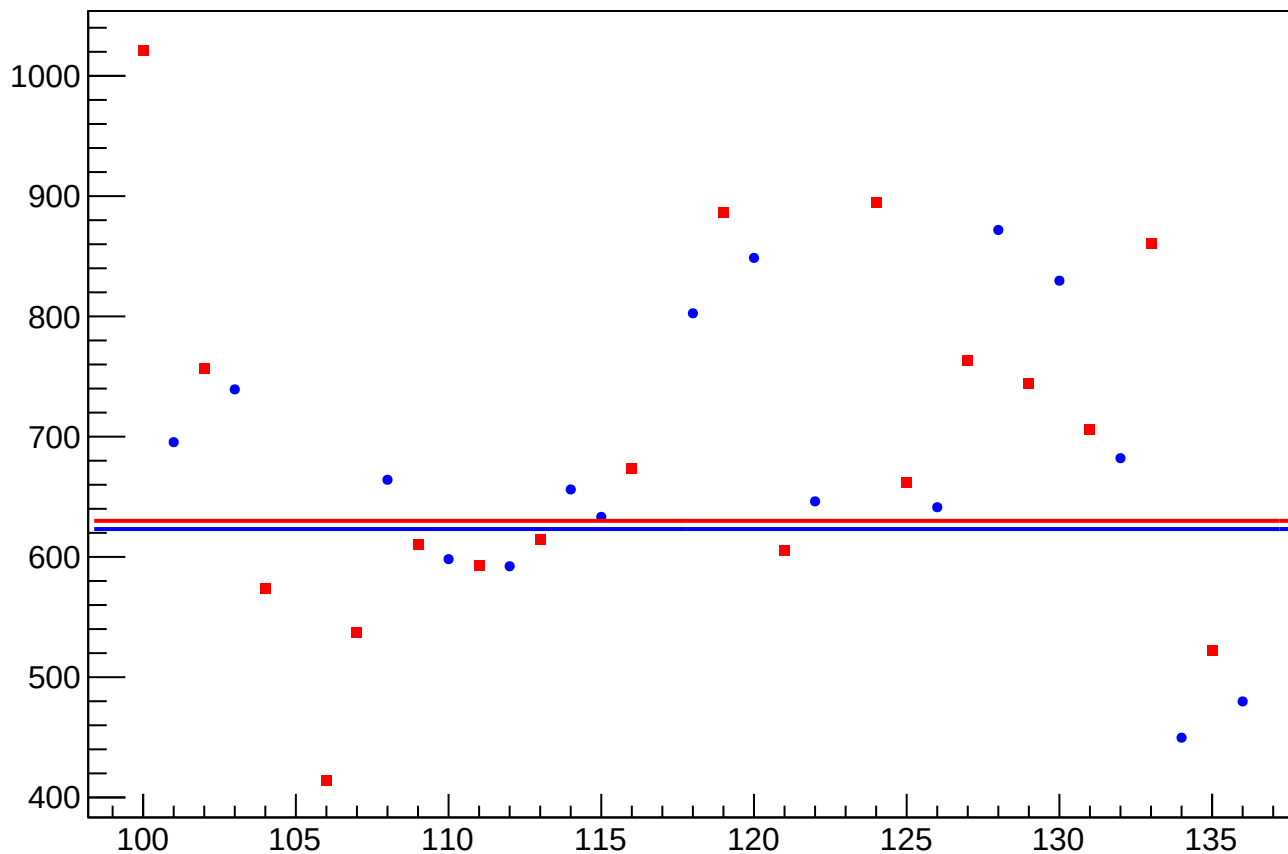
Right: 147.018 $\pm$ 169.069 χ^2 /NDF: 42.9/33

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: 147.018 $\pm$ 169.069 χ^2 /NDF: 42.9/33

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: 630.023+/-0.170 χ^2/NDF : 537582.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

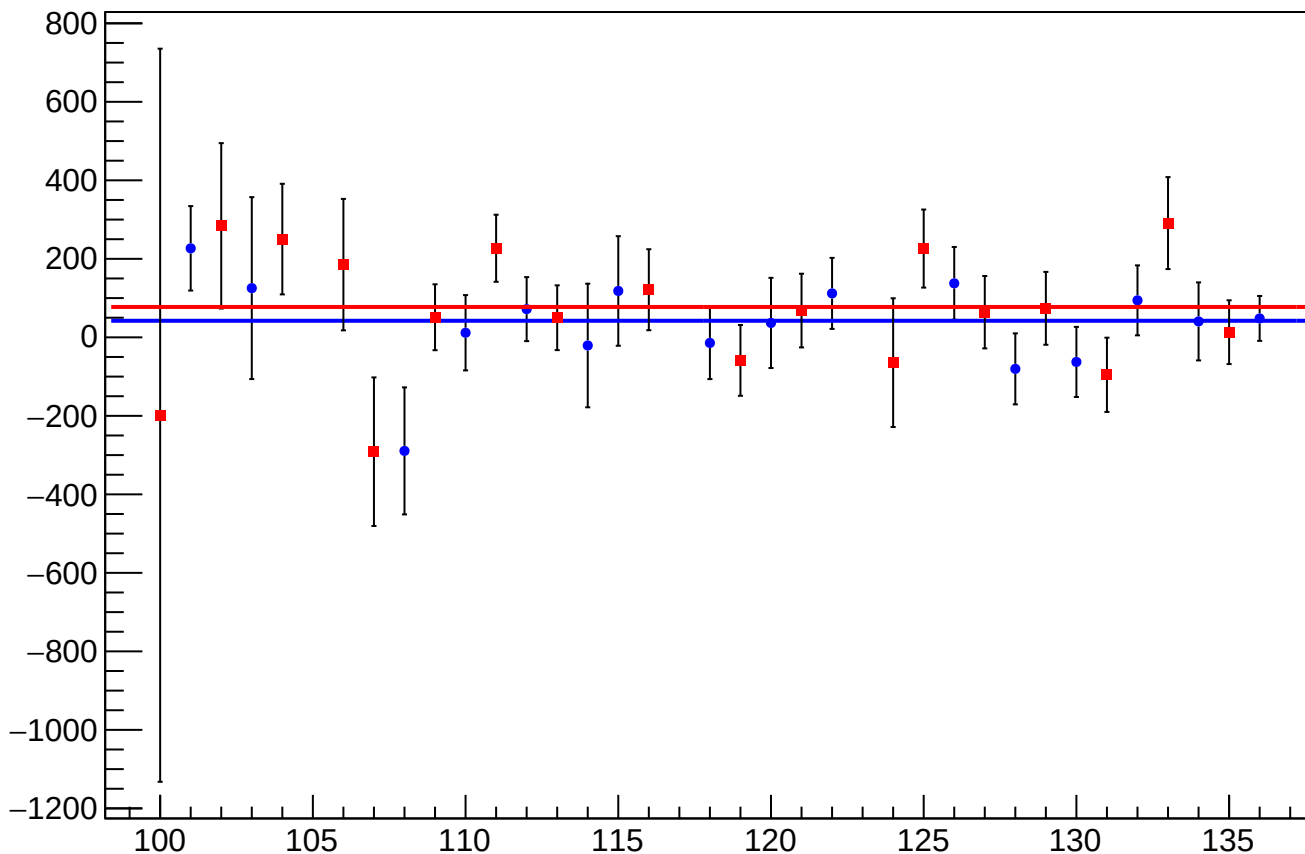
Right: 626.584+/-0.120 χ^2/NDF : 1103925.6/33

In: 623.181+/-0.169 χ^2/NDF : 565524.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.584+/-0.120 χ^2/NDF : 1103925.6/33

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: 77.400+/-24.986 χ^2/NDF : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

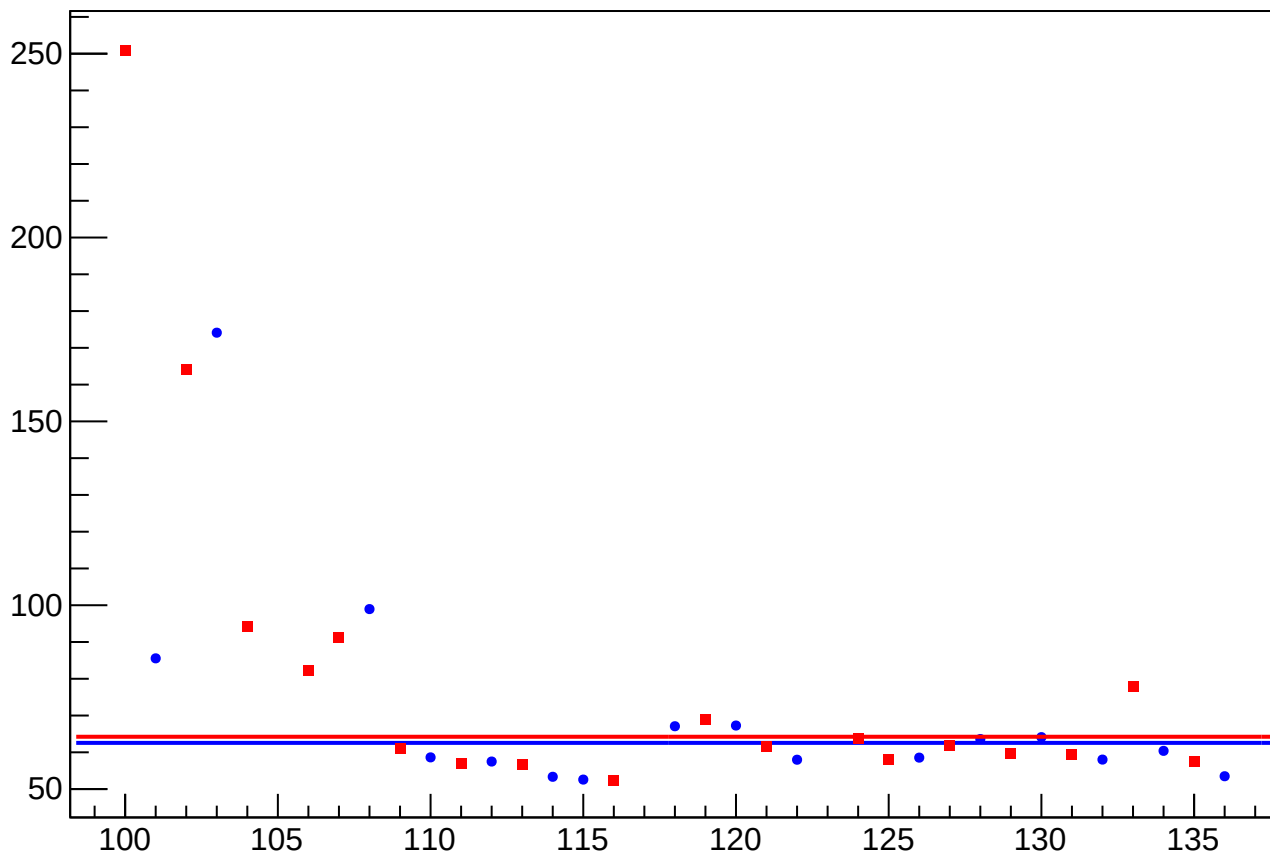
Right: 59.249+/-17.386 χ^2/NDF : 37.4/33

In: 42.213+/-24.207 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.249+/-17.386 χ^2/NDF : 37.4/33

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: 64.232+/-0.018 χ^2/NDF : 809286.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

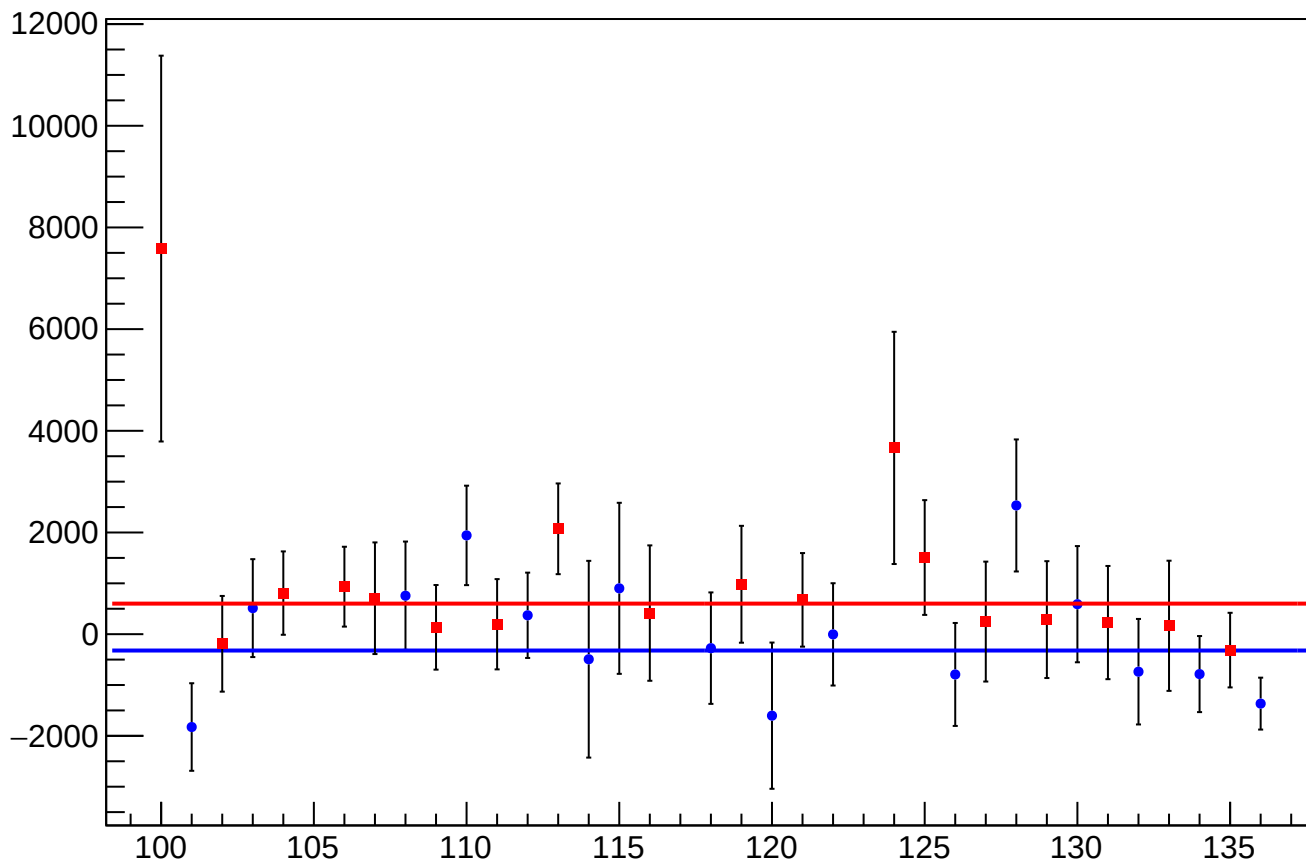
Right: 63.372+/-0.012 χ^2/NDF : 1572480.2/33

In: 62.566+/-0.017 χ^2/NDF : 758605.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.372+/-0.012 χ^2/NDF : 1572480.2/33

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: 601.027 $\pm$ 240.195 χ^2 /NDF: 12.1/17

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

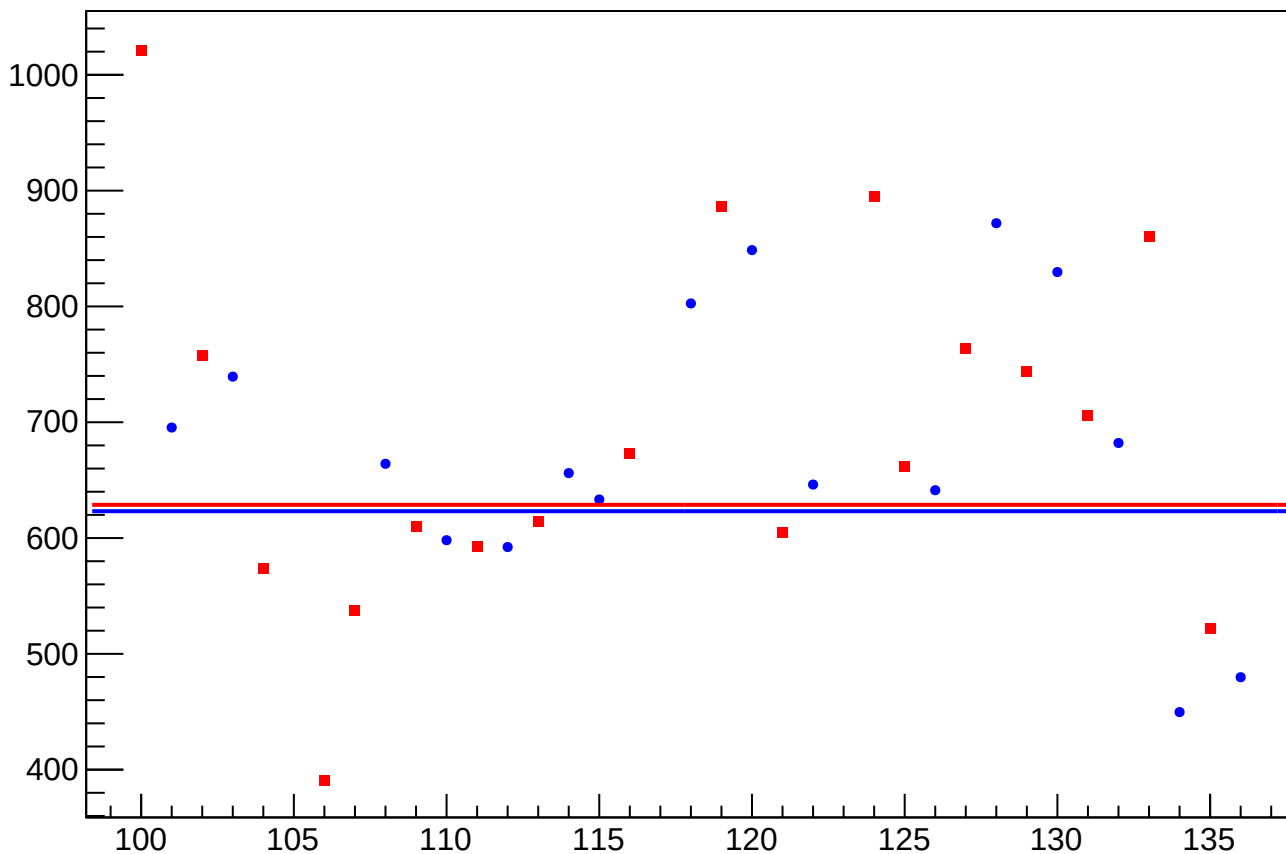
Right: 136.385 $\pm$ 169.235 χ^2 /NDF: 42.3/33

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: 136.385 $\pm$ 169.235 χ^2 /NDF: 42.3/33

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: 628.684+/-0.170 χ^2/NDF : 566271.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

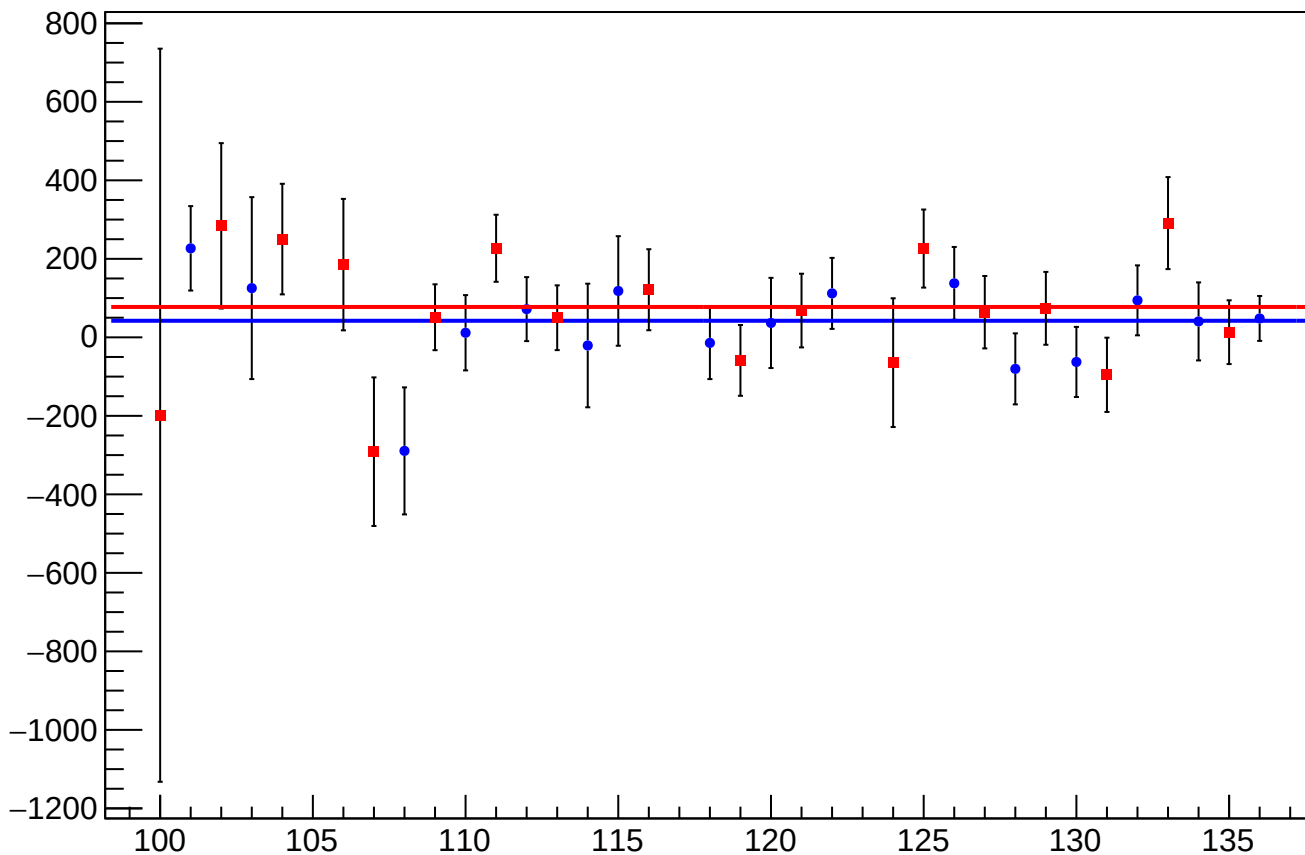
Right: 625.914+/-0.120 χ^2/NDF : 1132356.0/33

In: 623.184+/-0.169 χ^2/NDF : 565557.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.914+/-0.120 χ^2/NDF : 1132356.0/33

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: 77.400+/-24.986 χ^2/NDF : 22.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

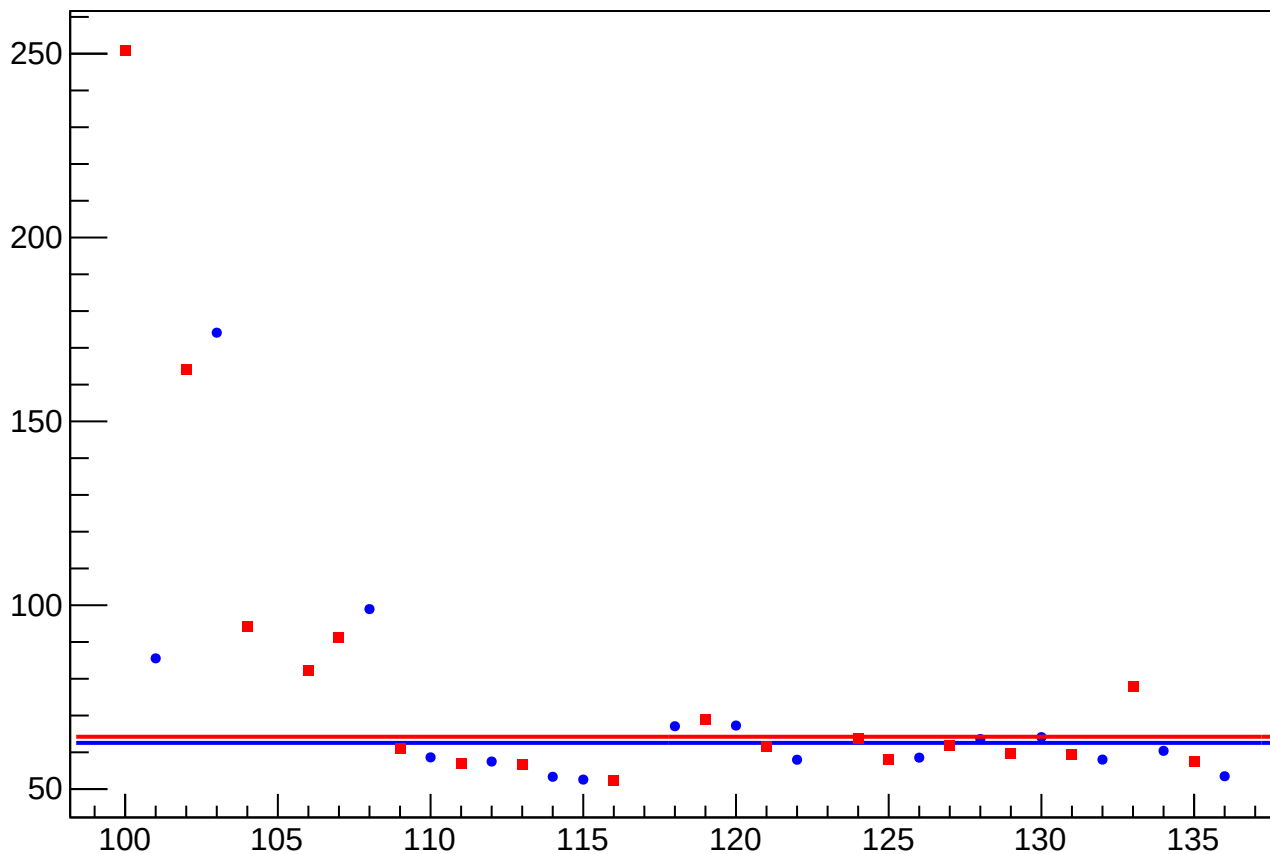
Right: 59.249+/-17.386 χ^2/NDF : 37.4/33

In: 42.213+/-24.207 χ^2/NDF : 13.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.249+/-17.386 χ^2/NDF : 37.4/33

eigen_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: 64.232 $\pm$ 0.018 χ^2 /NDF: 809286.5/17

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

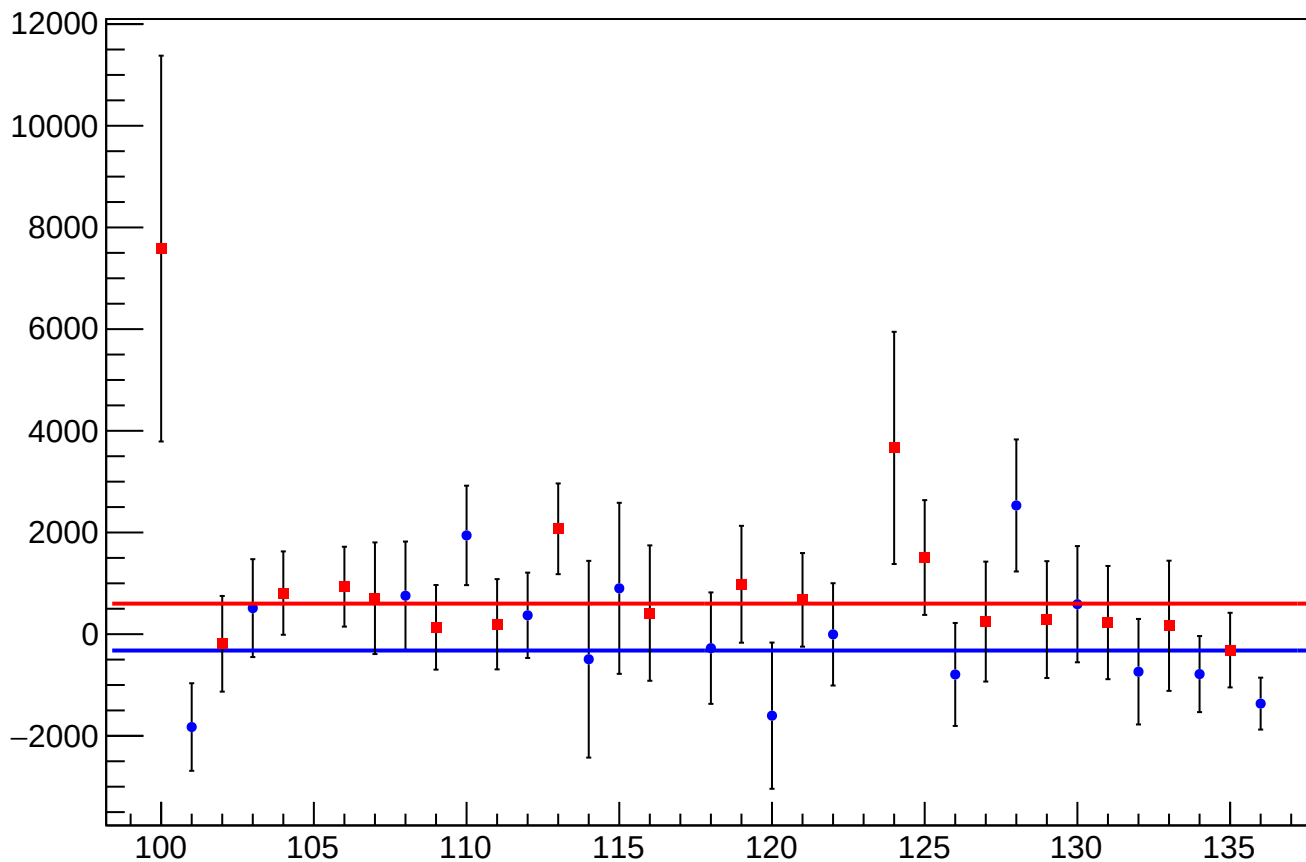
Right: 63.372 $\pm$ 0.012 χ^2 /NDF: 1572480.2/33

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: 63.372 $\pm$ 0.012 χ^2 /NDF: 1572480.2/33

asym_sam_37_dd_eigen_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: 601.027 $\pm$ 240.195 χ^2 /NDF: 12.1/17

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

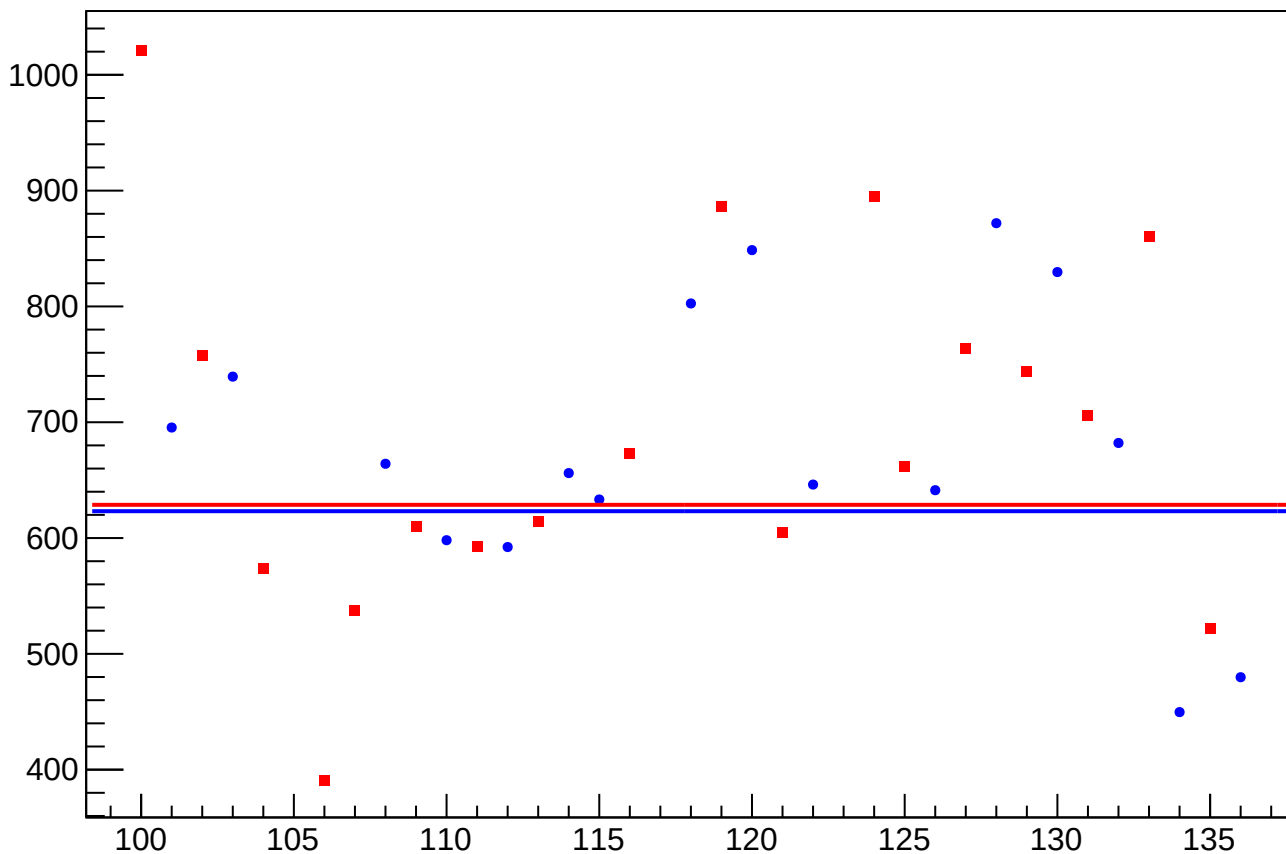
Right: 136.385 $\pm$ 169.235 χ^2 /NDF: 42.3/33

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: 136.385 $\pm$ 169.235 χ^2 /NDF: 42.3/33

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: 628.684+/-0.170 χ^2/NDF : 566271.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

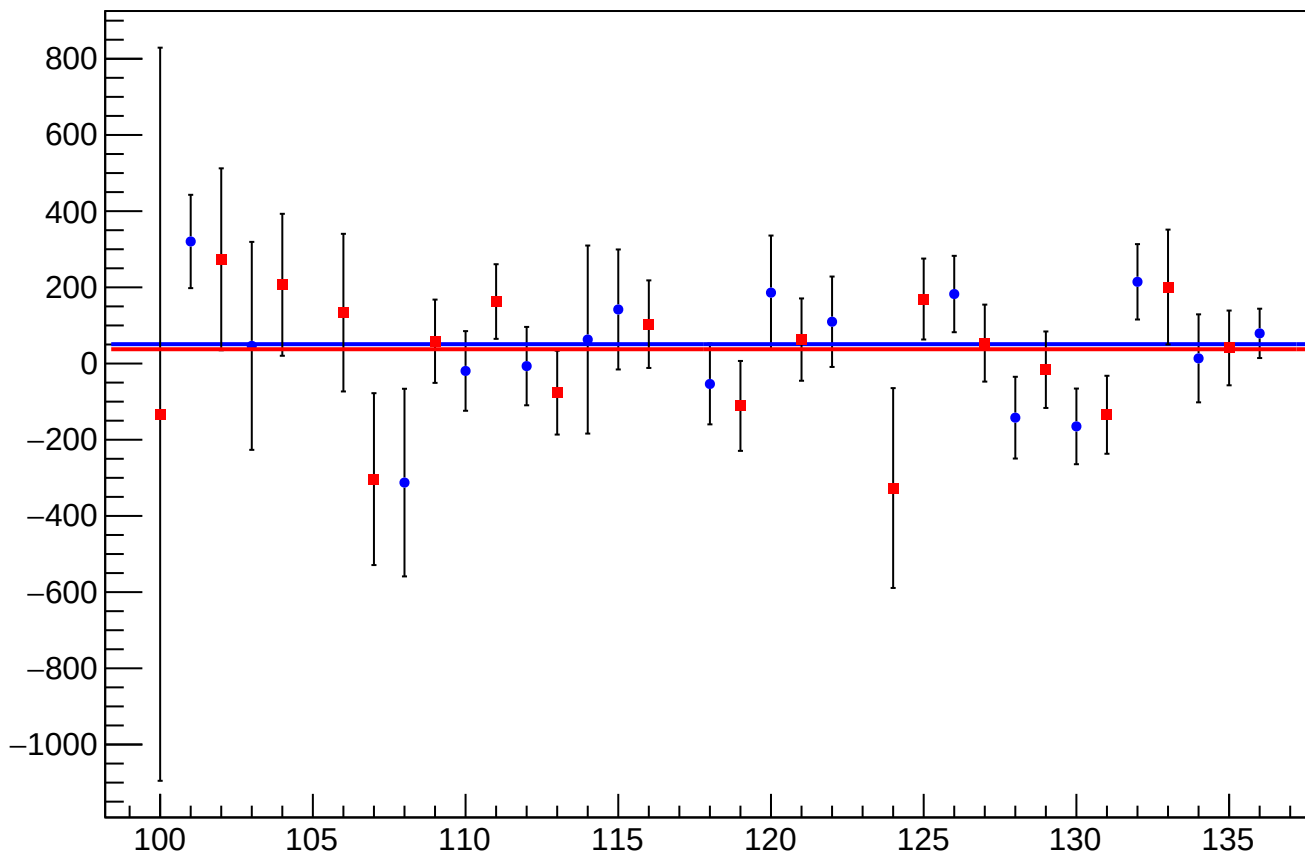
Right: 625.914+/-0.120 χ^2/NDF : 1132356.0/33

In: 623.184+/-0.169 χ^2/NDF : 565557.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.914+/-0.120 χ^2/NDF : 1132356.0/33

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: 37.547 $\pm$ 29.646 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

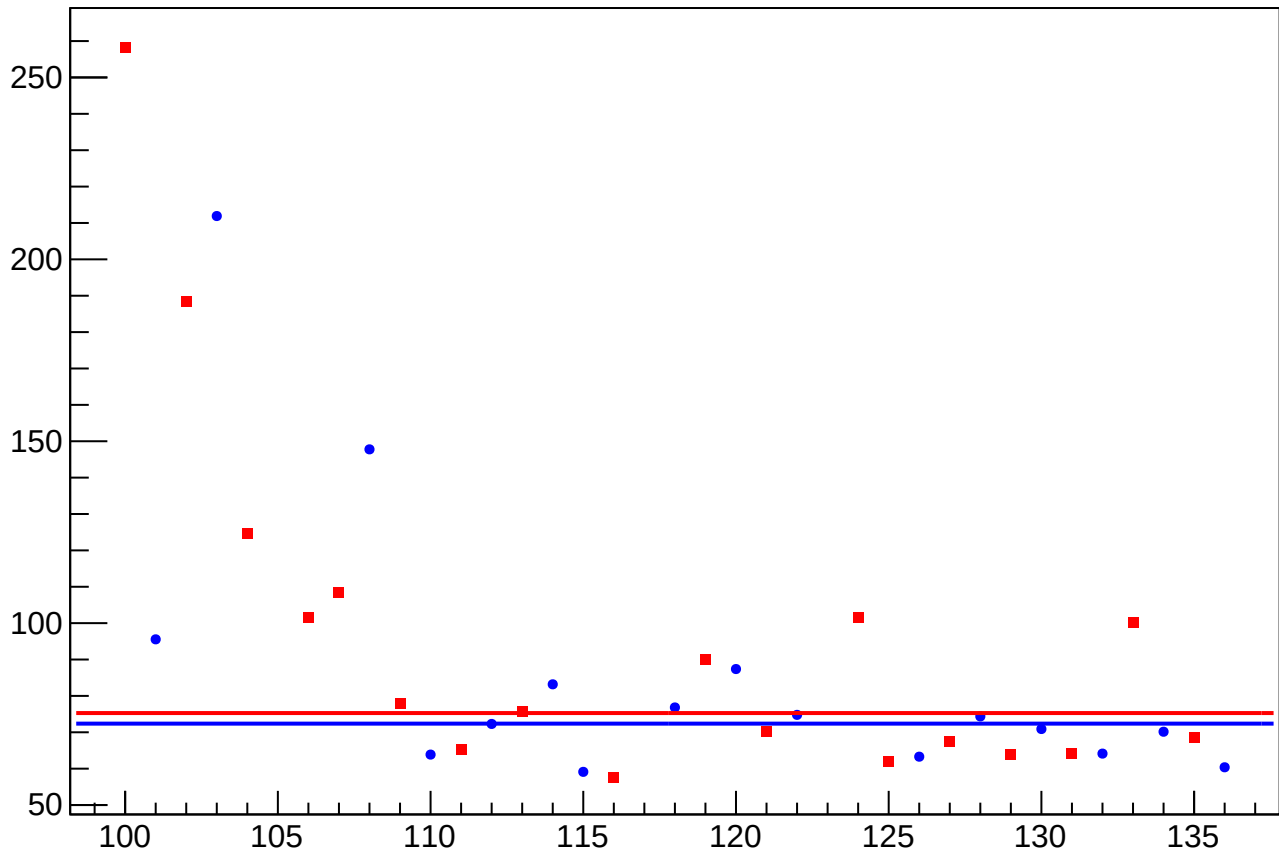
Right: 44.498 $\pm$ 20.477 χ^2 /NDF: 39.8/33

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: 44.498 $\pm$ 20.477 χ^2 /NDF: 39.8/33

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: 75.285+/-0.021 χ^2/NDF : 1020995.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

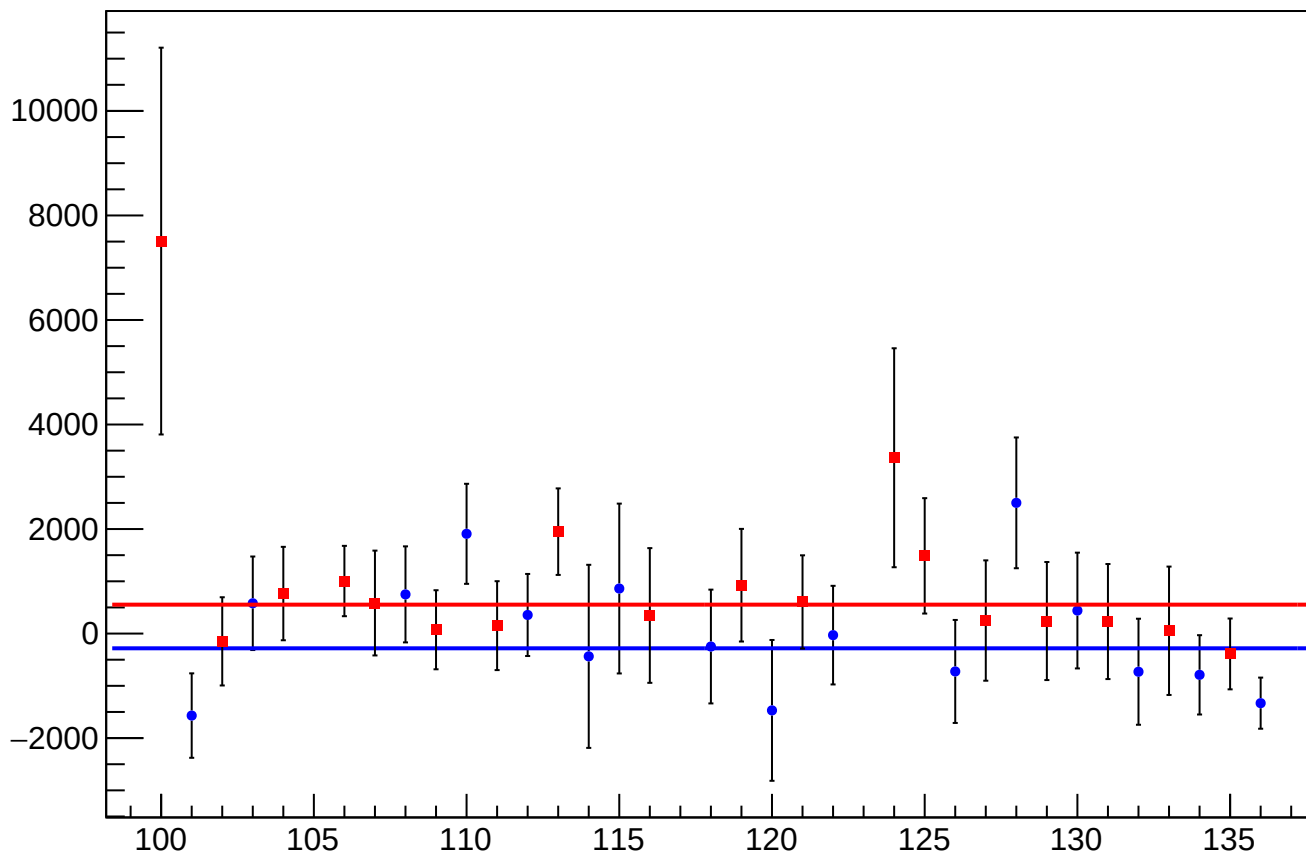
Right: 73.765+/-0.014 χ^2/NDF : 1969228.7/33

In: 72.378+/-0.020 χ^2/NDF : 938175.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.765+/-0.014 χ^2/NDF : 1969228.7/33

asym_sam_37_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -282.039+/-227.789 χ^2 /NDF: 22.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 553.307+/-226.502 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

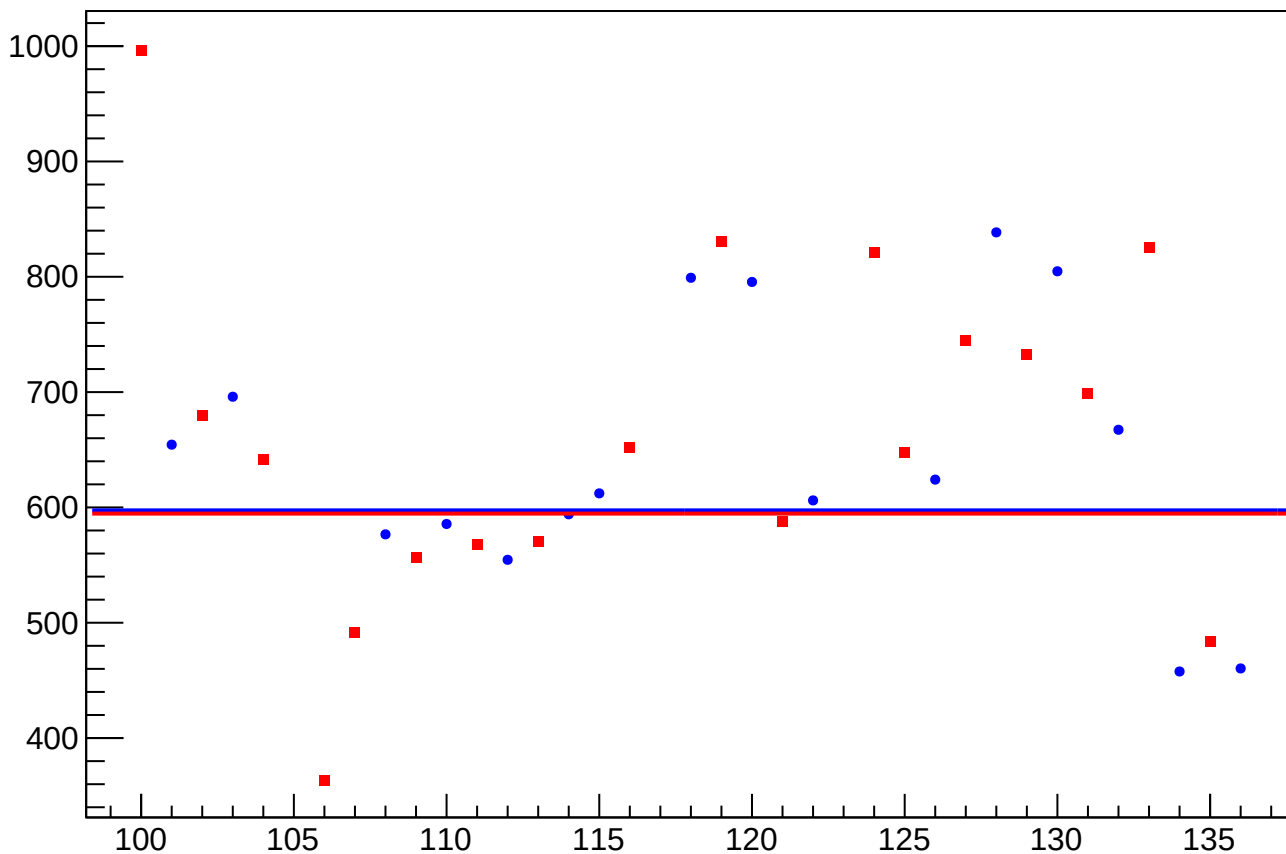
Right: 138.001+/-160.614 χ^2 /NDF: 42.8/33

In: -282.039+/-227.789 χ^2 /NDF:22.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 138.001+/-160.614 χ^2 /NDF: 42.8/33

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: 594.642+/-0.160 χ^2/NDF : 649044.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

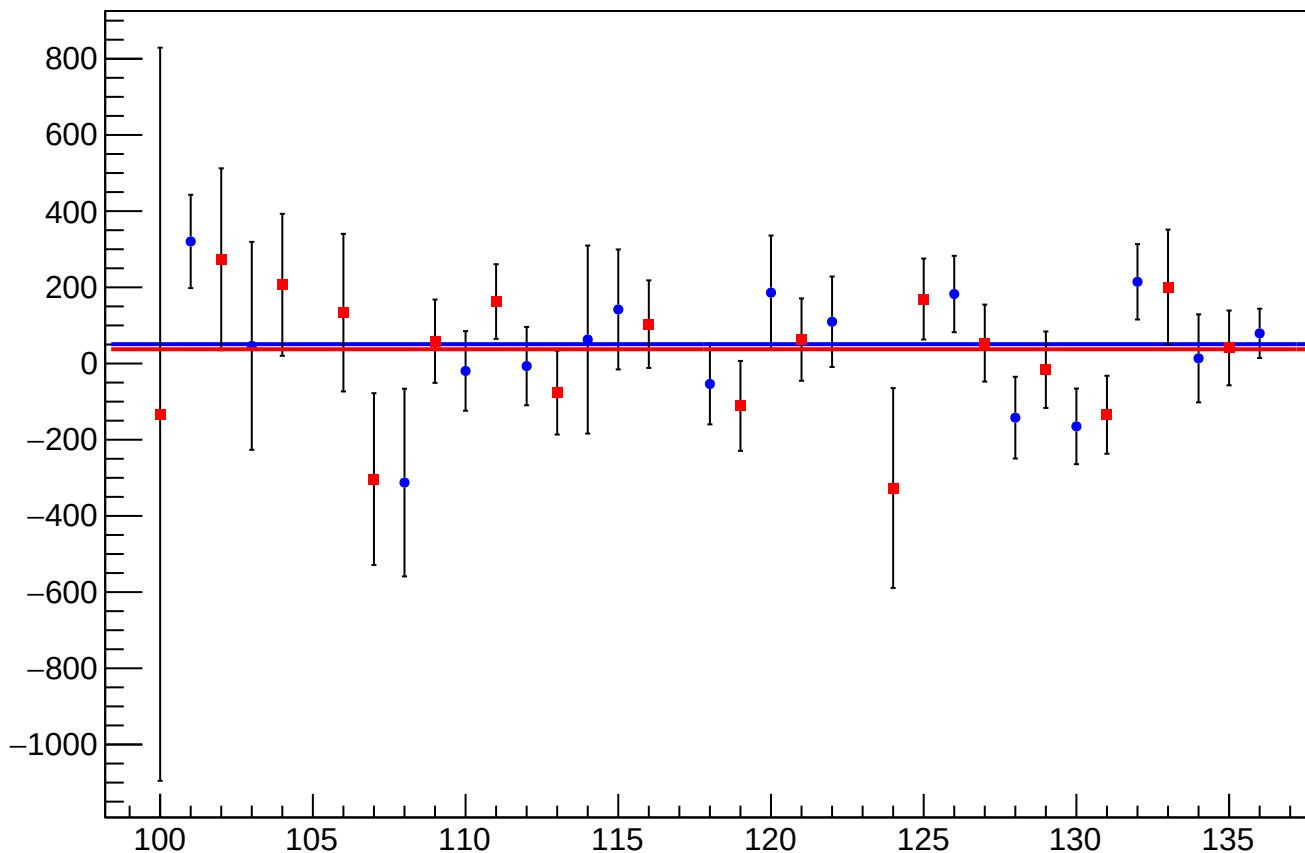
Right: 596.032+/-0.114 χ^2/NDF : 1182987.9/33

In: 597.438+/-0.161 χ^2/NDF : 533791.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.032+/-0.114 χ^2/NDF : 1182987.9/33

eigen_dit_asym_sam_37_dd_mean vs Slug, Sign Corrected



Right In: 50.840+/-28.316 χ^2/NDF : 22.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.545+/-29.646 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

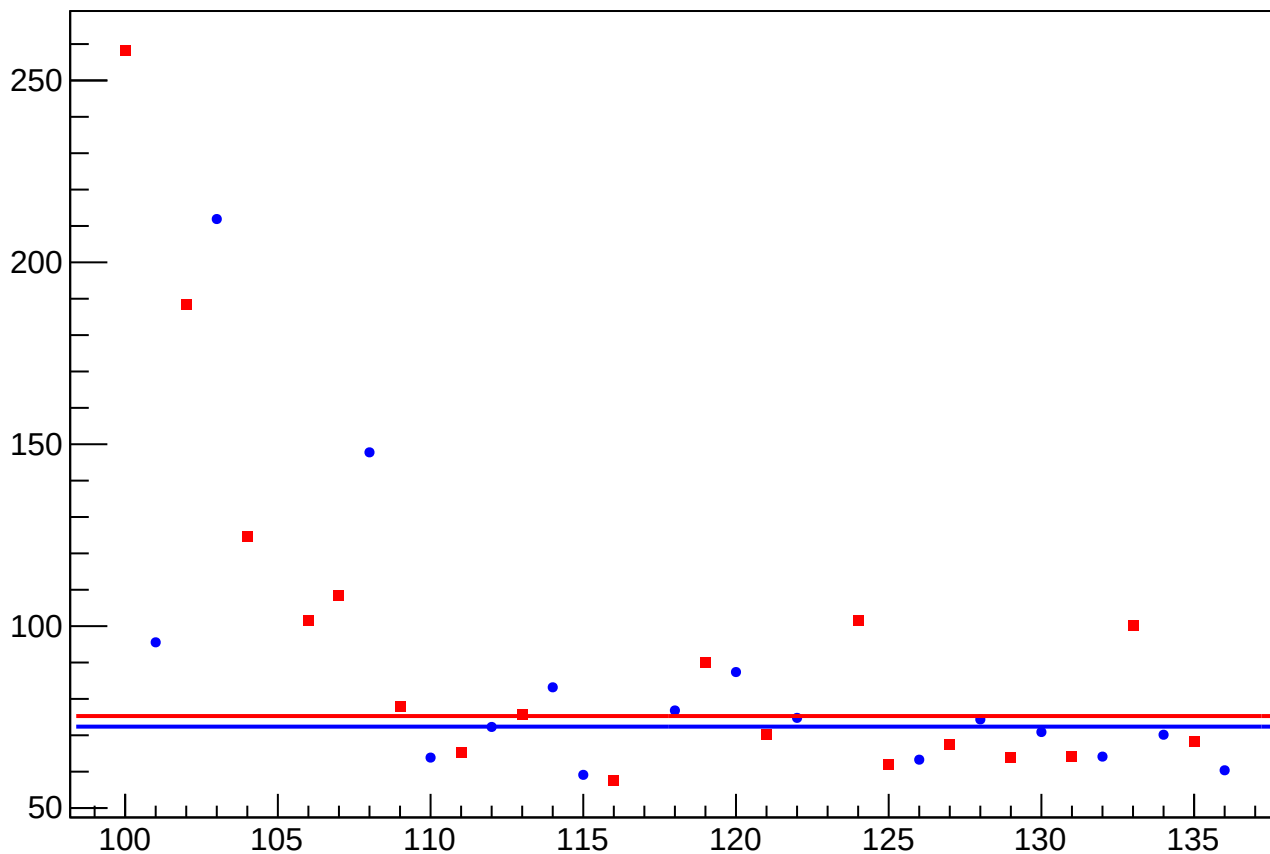
Right: 44.497+/-20.477 χ^2/NDF : 39.8/33

In: 50.840+/-28.316 χ^2/NDF : 22.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.497+/-20.477 χ^2/NDF : 39.8/33

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: 75.285+/-0.021 χ^2/NDF : 1020986.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

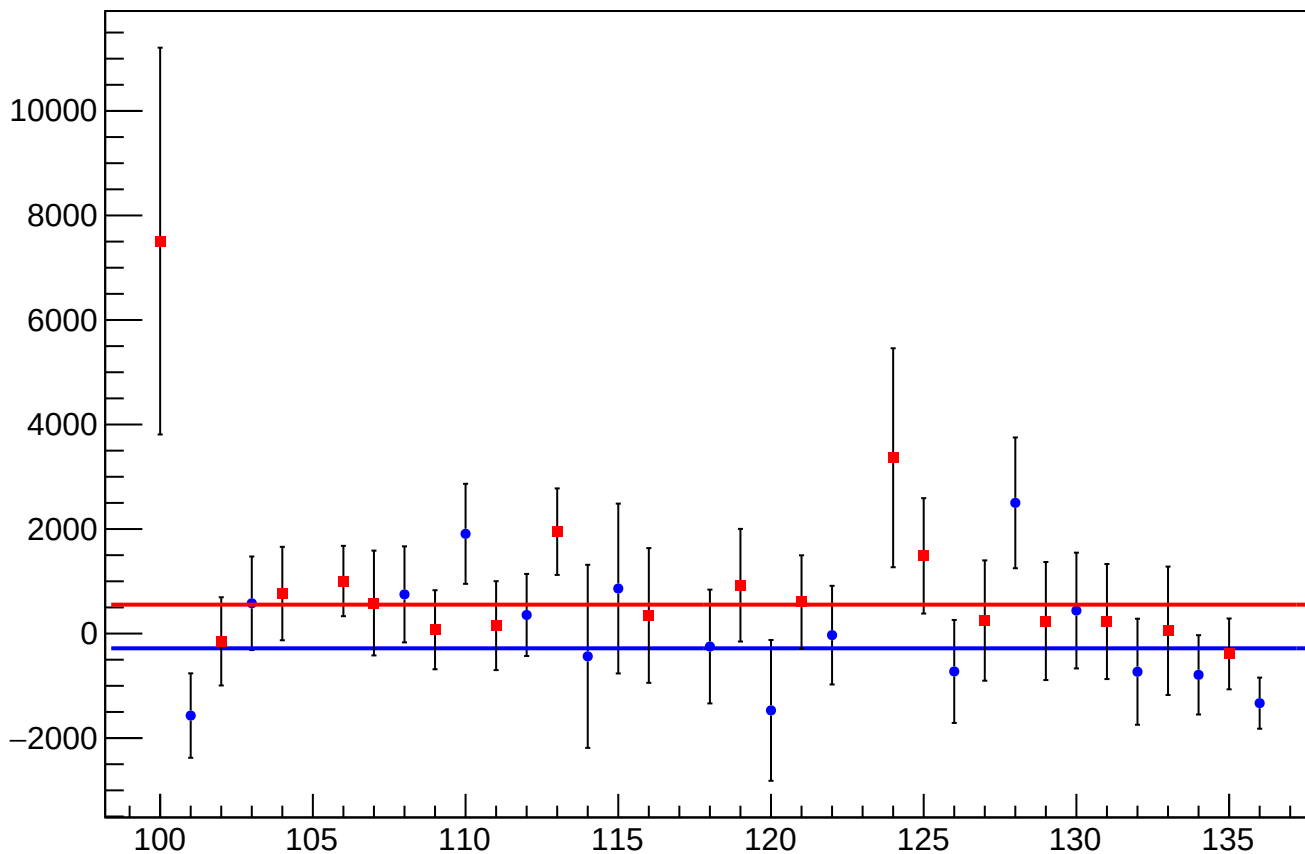
Right: 73.765+/-0.014 χ^2/NDF : 1969225.3/33

In: 72.378+/-0.020 χ^2/NDF : 938180.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.765+/-0.014 χ^2/NDF : 1969225.3/33

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: 553.308 $\pm$ 226.502 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

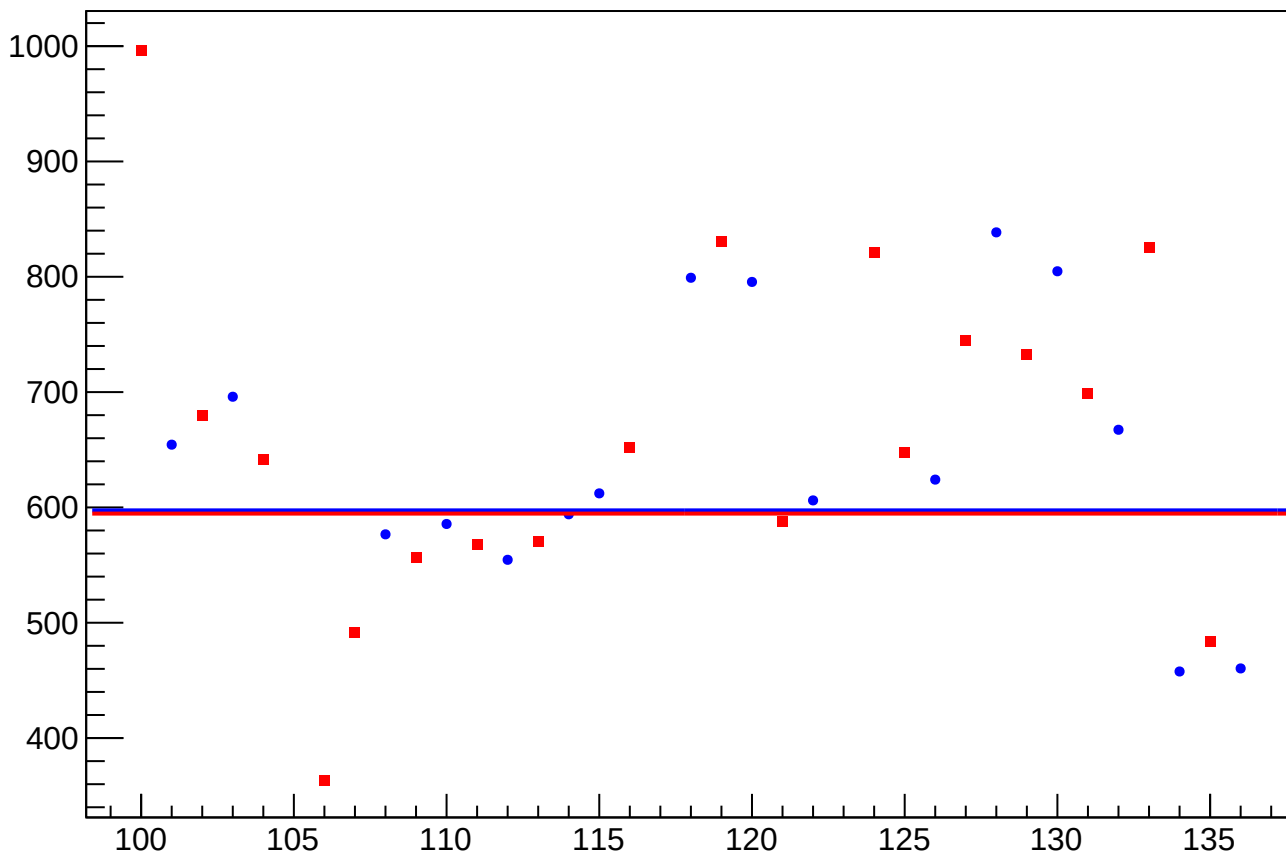
Right: 138.002 $\pm$ 160.614 χ^2 /NDF: 42.8/33

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: 138.002 $\pm$ 160.614 χ^2 /NDF: 42.8/33

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: 594.641+/-0.160 χ^2/NDF : 649043.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

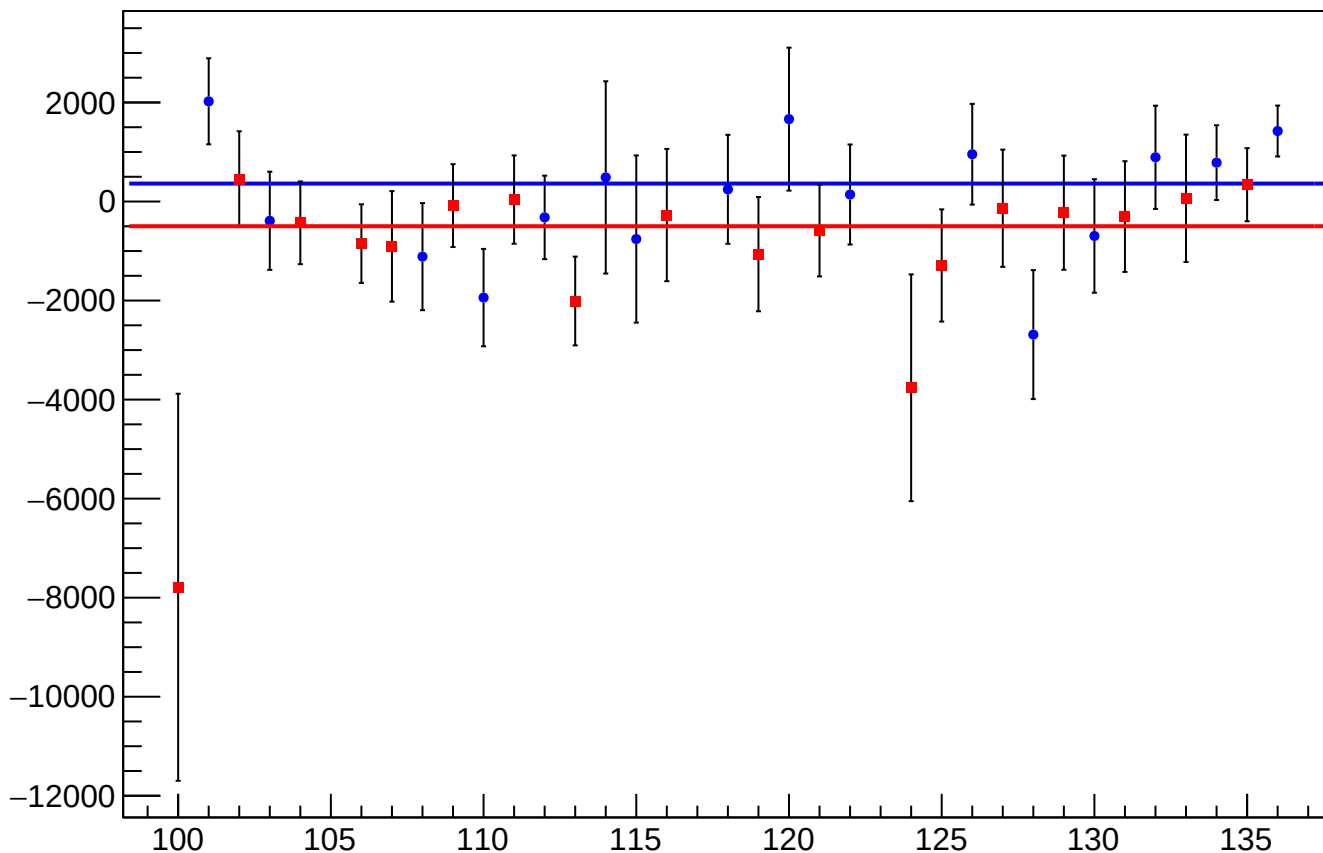
Right: 596.032+/-0.114 χ^2/NDF : 1182985.1/33

In: 597.439+/-0.161 χ^2/NDF : 533790.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 596.032+/-0.114 χ^2/NDF : 1182985.1/33

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: -498.642 ± 242.223 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

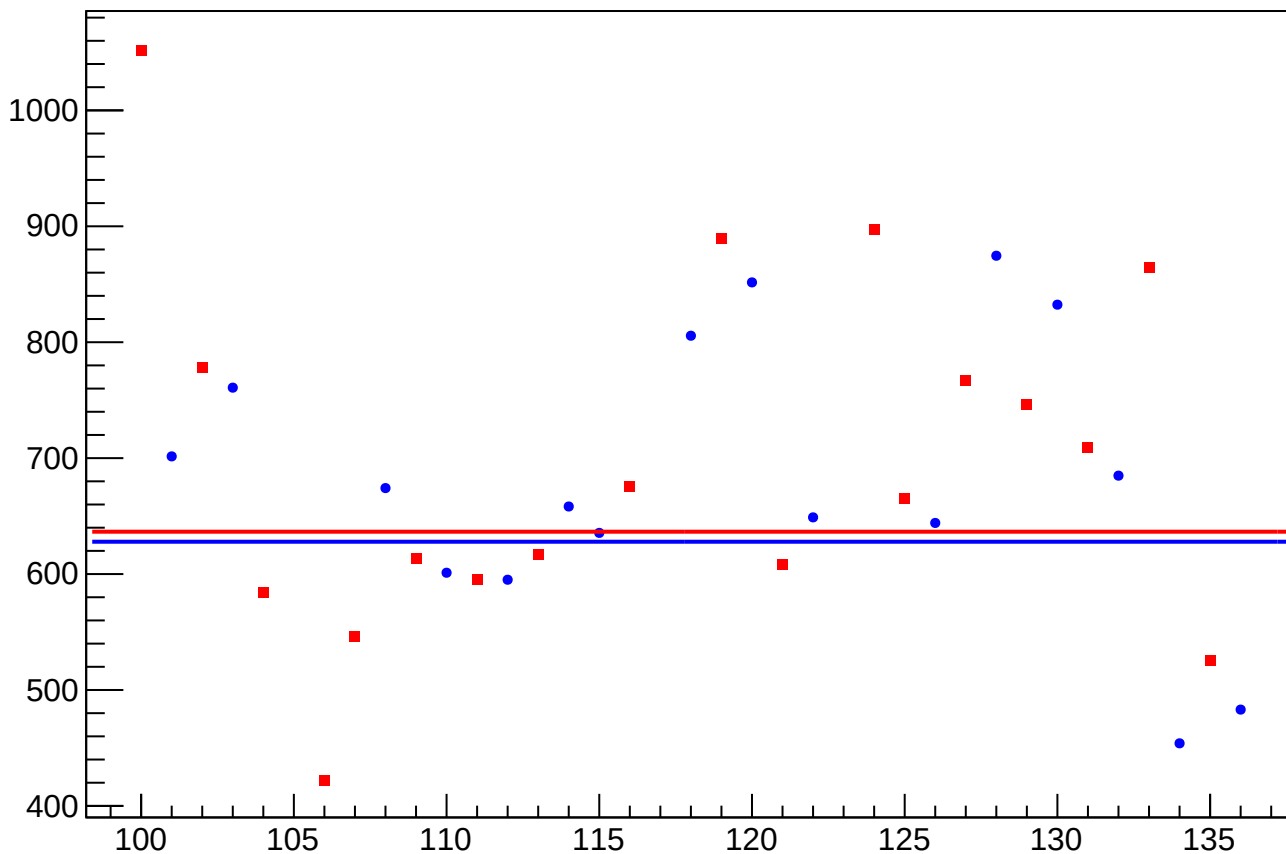
Right: -64.704 ± 170.595 χ^2/NDF : 44.1/33

In: 362.384 ± 240.303 χ^2/NDF : 25.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.704 ± 170.595 χ^2/NDF : 44.1/33

asym_sam_37_dd_rms vs Slug, Sign Corrected



Right In: 627.896+/-0.170 χ^2/NDF : 566795.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 636.547+/-0.171 χ^2/NDF : 524503.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

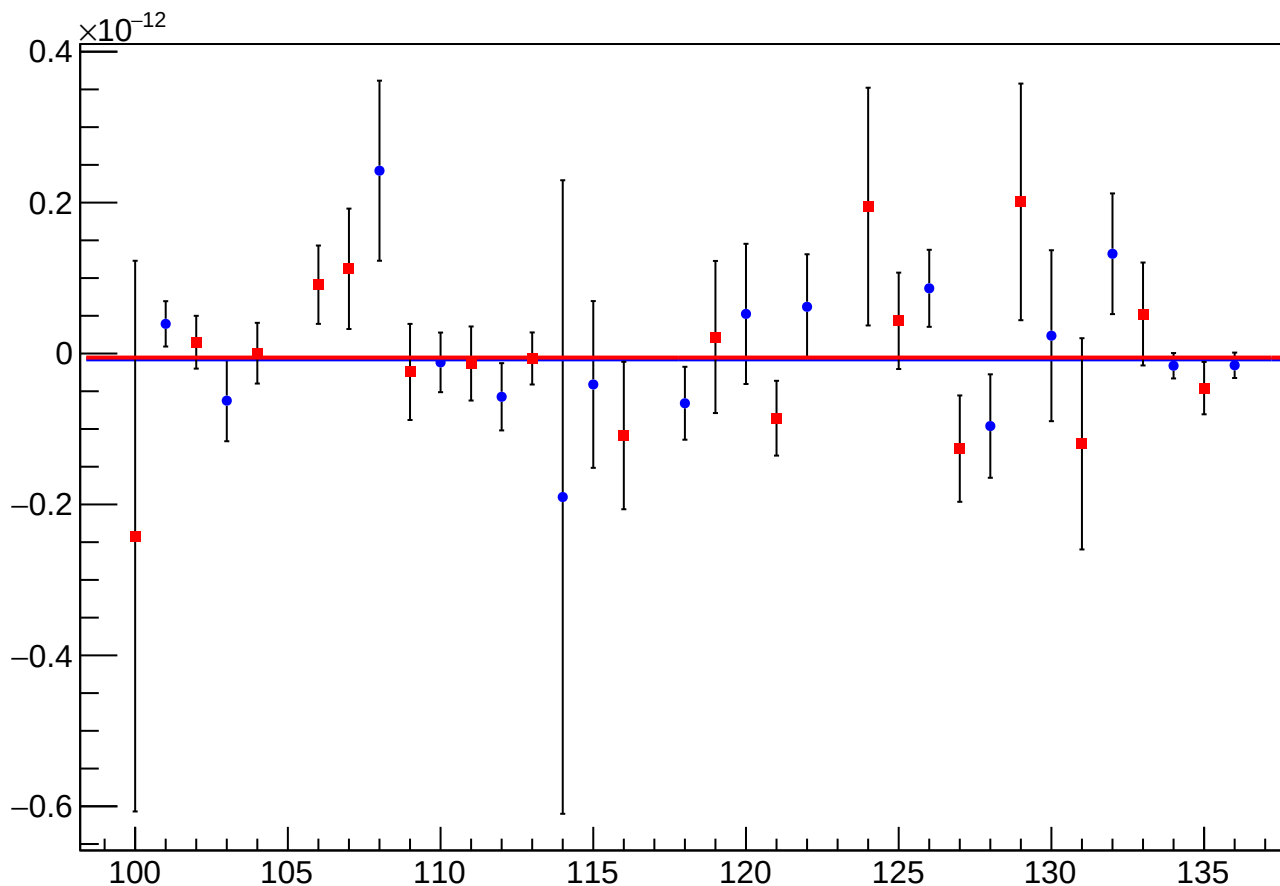
Right: 632.187+/-0.121 χ^2/NDF : 1092585.2/33

In: 627.896+/-0.170 χ^2/NDF : 566795.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 632.187+/-0.121 χ^2/NDF : 1092585.2/33

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: 20.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

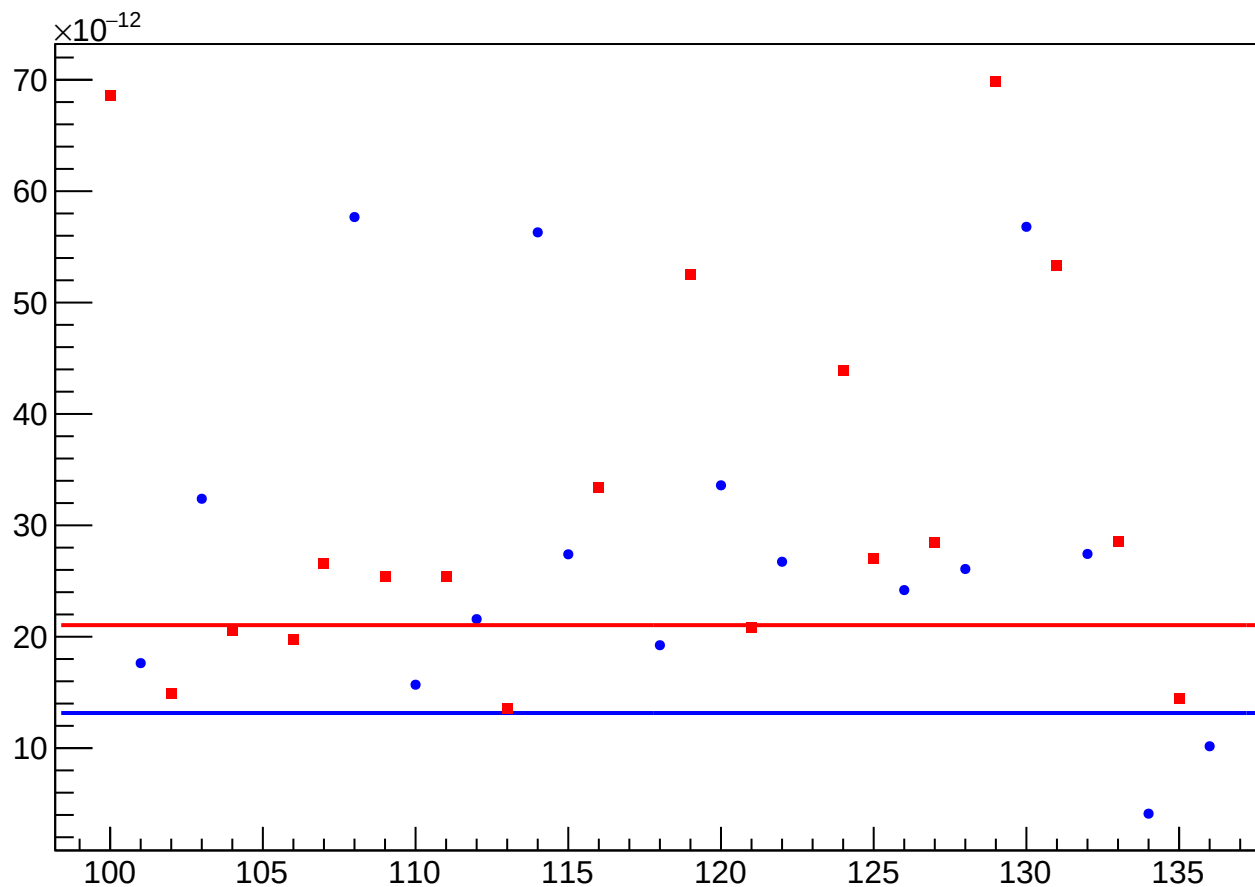
Right: -0.000+/-0.000 χ^2 /NDF: 40.9/33

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: 40.9/33

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 : 932608.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

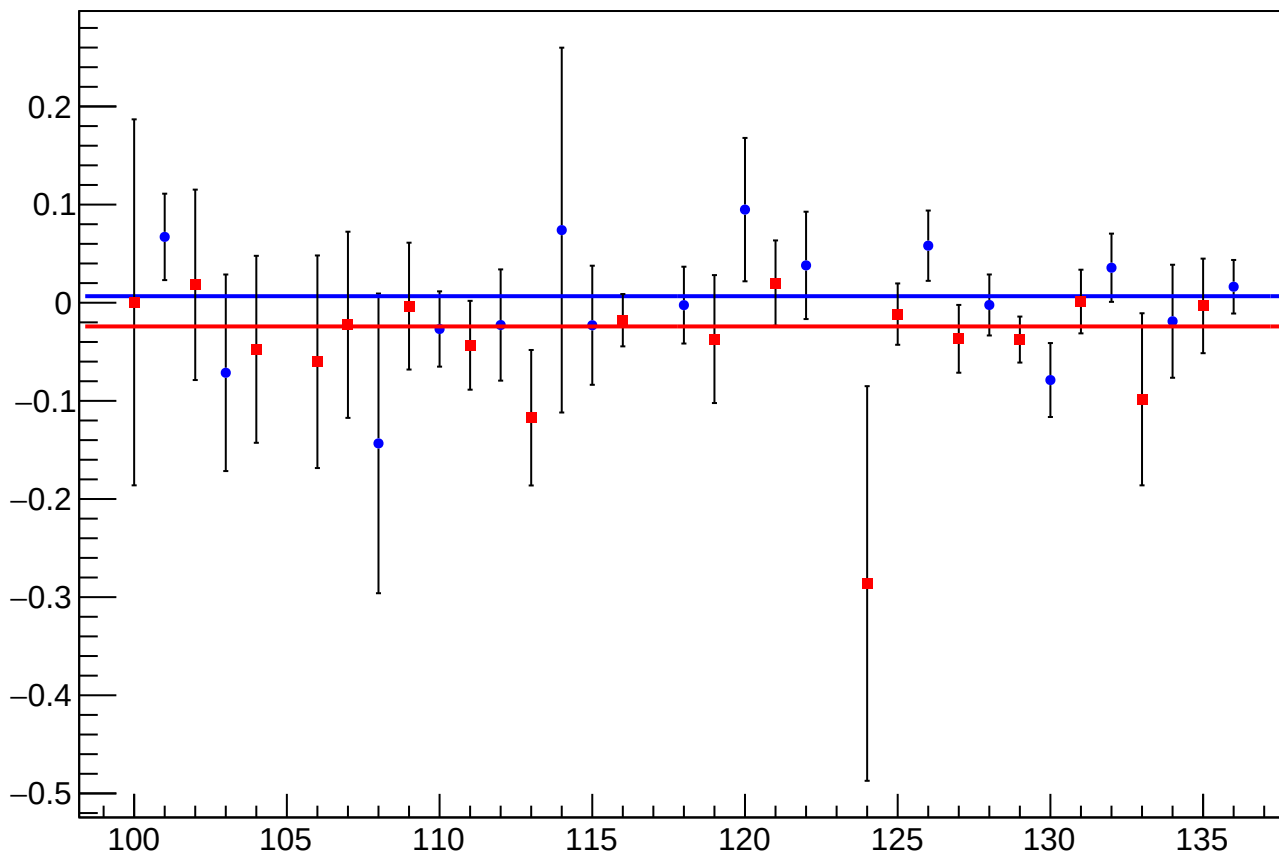
Right: 0.000+/-0.000 χ^2/NDF : 3488684.2/33

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 : 3488684.2/33

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 $\chi^2/\text{NDF}: 7.4/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

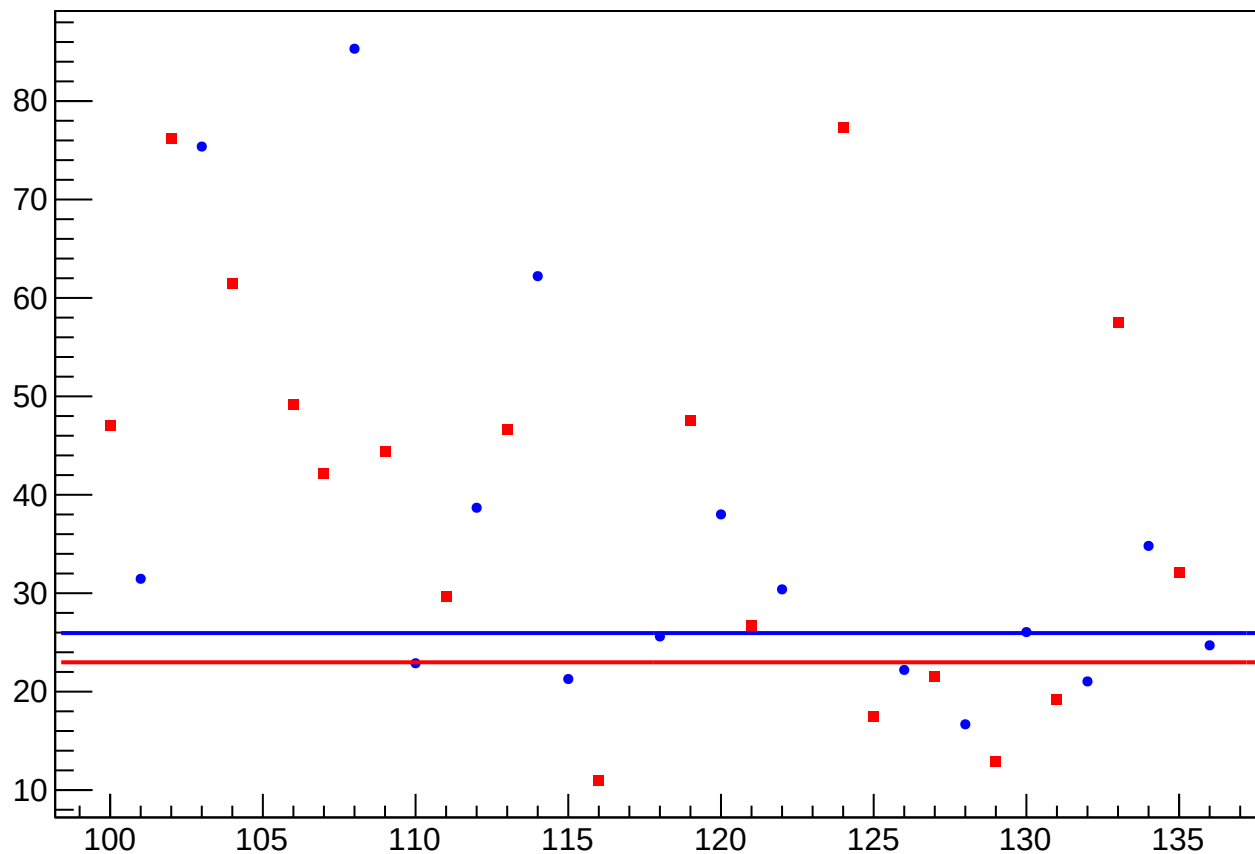
Right: -0.009 ± 0.008 $\chi^2/\text{NDF}: 26.4/33$

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 $\chi^2/\text{NDF}: 26.4/33$

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 25.949 $\pm$ 0.008 χ^2 /NDF: 1381638.3/15

Left Out: 0.000 $\pm$ 0.008 χ^2 /NDF:0.0/0

Right Out: 22.981 $\pm$ 0.008 χ^2 /NDF: 3357117.8/17

Left In: 0.000 $\pm$ 0.008 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

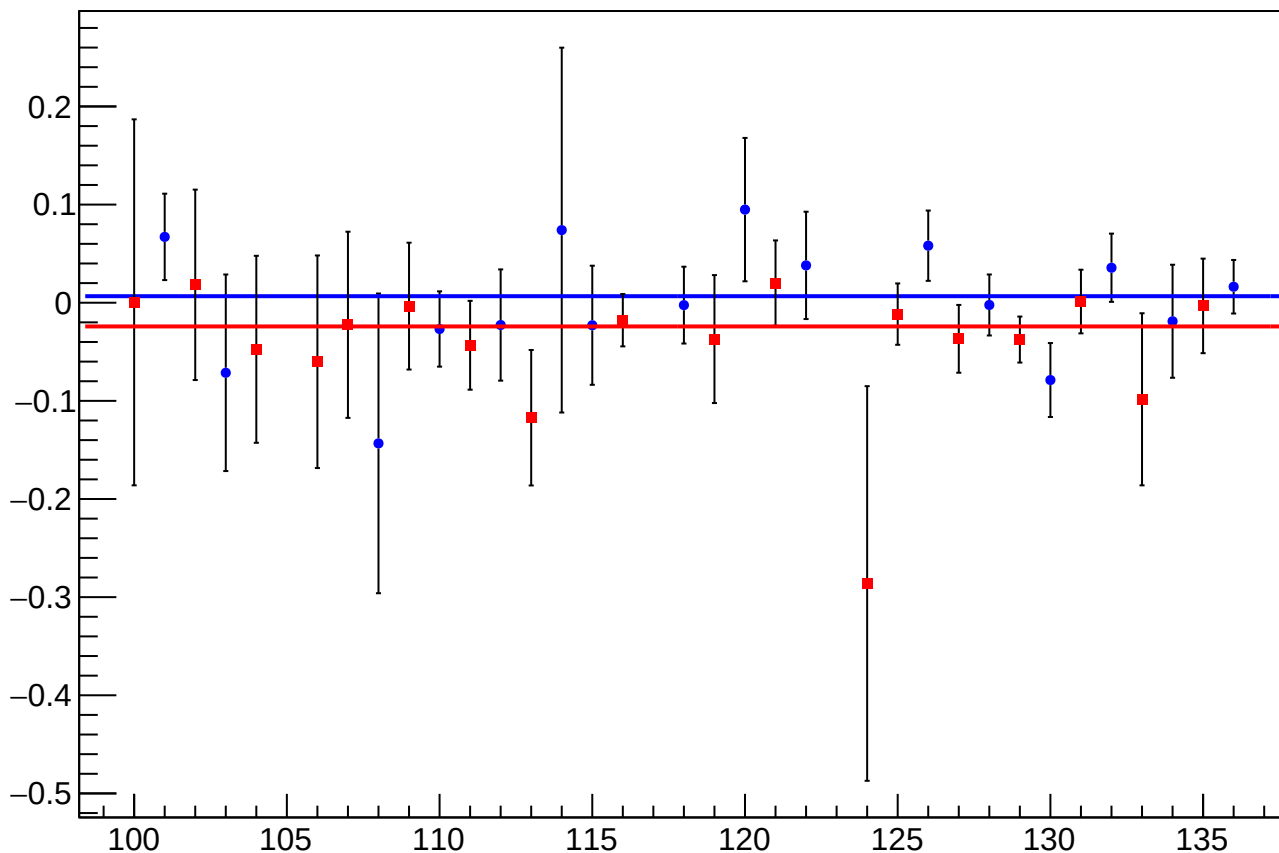
Right: 24.408 $\pm$ 0.005 χ^2 /NDF: 4813012.0/33

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: 24.408 $\pm$ 0.005 χ^2 /NDF: 4813012.0/33

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.011 χ^2 /NDF: 15.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 7.4/17

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

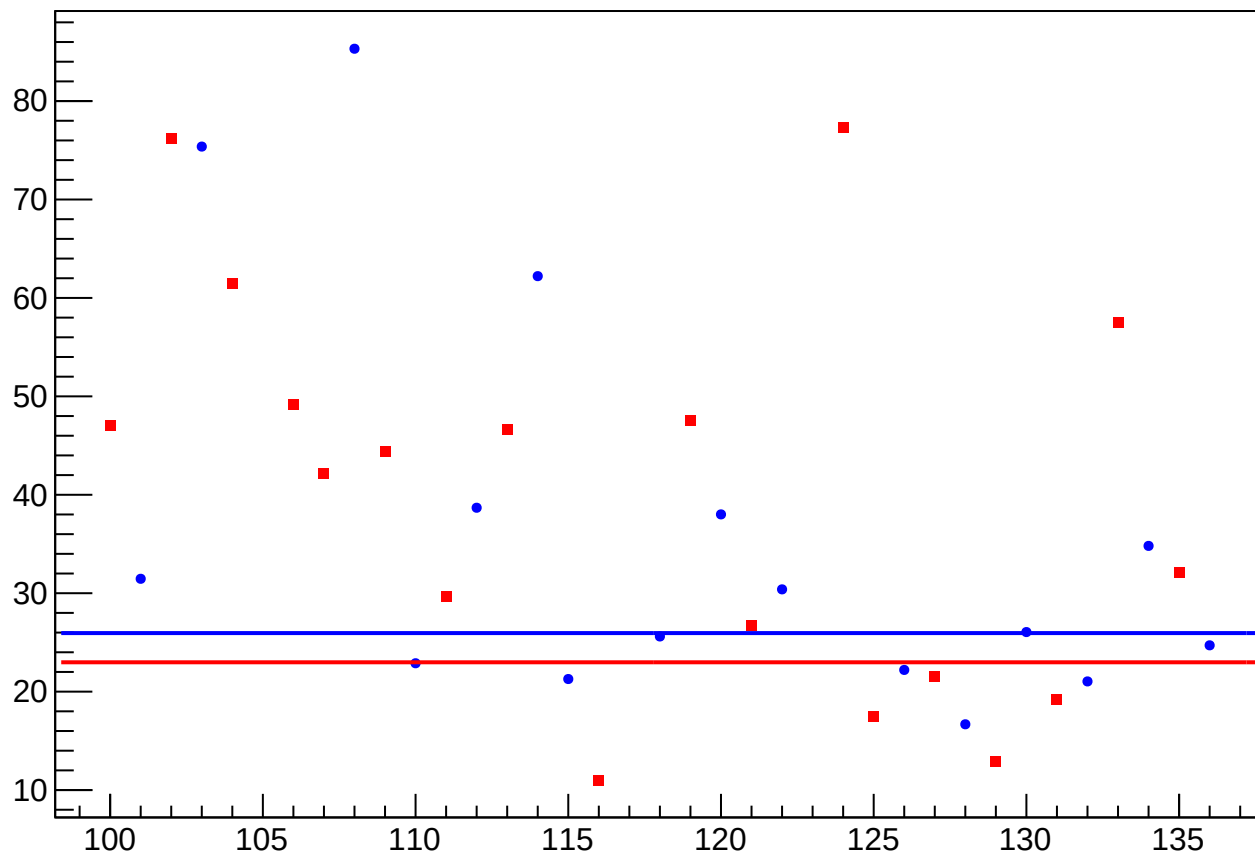
Right: -0.009 $\pm$ 0.008 χ^2 /NDF: 26.4/33

In: 0.007 $\pm$ 0.011 χ^2 /NDF:15.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.008 χ^2 /NDF: 26.4/33

asym_sam_37_dd_dit_vs_eigen_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: 22.981+/-0.008 χ^2/NDF : 3357117.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

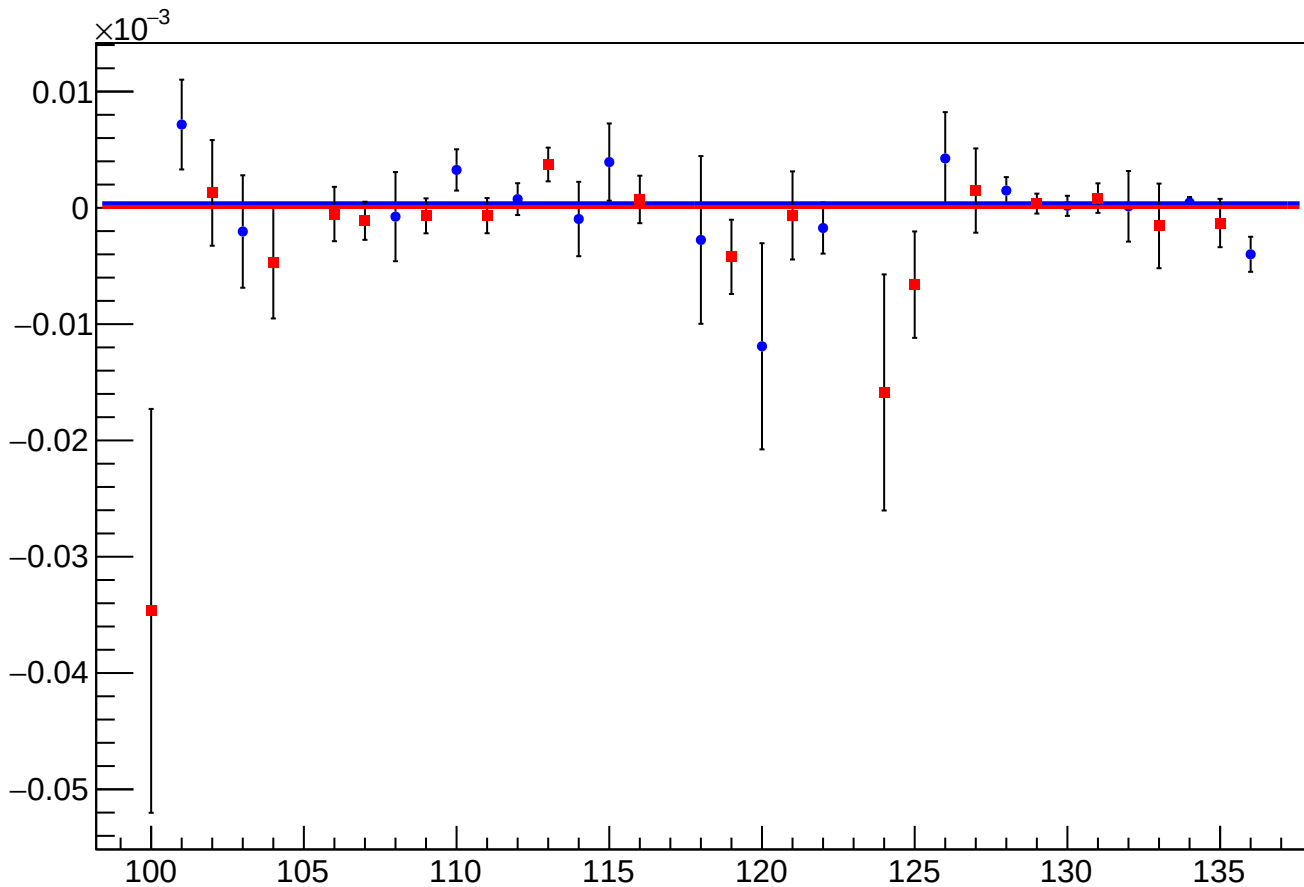
Right: 24.408+/-0.005 χ^2/NDF : 4813012.0/33

In: 25.949+/-0.008 χ^2/NDF :1381638.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 24.408+/-0.005 χ^2/NDF : 4813012.0/33

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 : 20.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

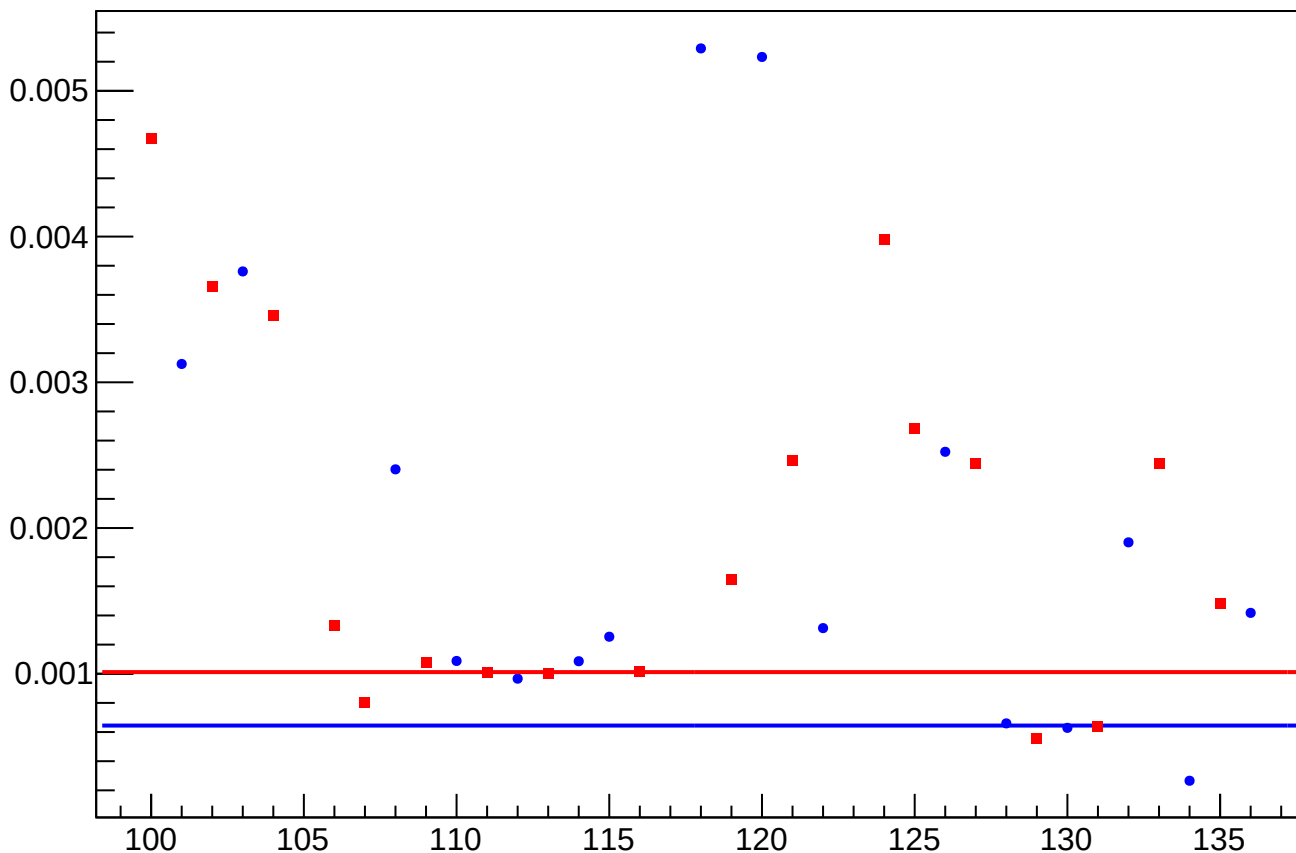
Right: 0.000+/-0.000 χ^2/NDF : 41.5/33

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 : 41.5/33

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 : 3632117.2/17

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 : 11041981.3/33

In: 0.001+/-0.000

χ^2/NDF : 6575652.3/15

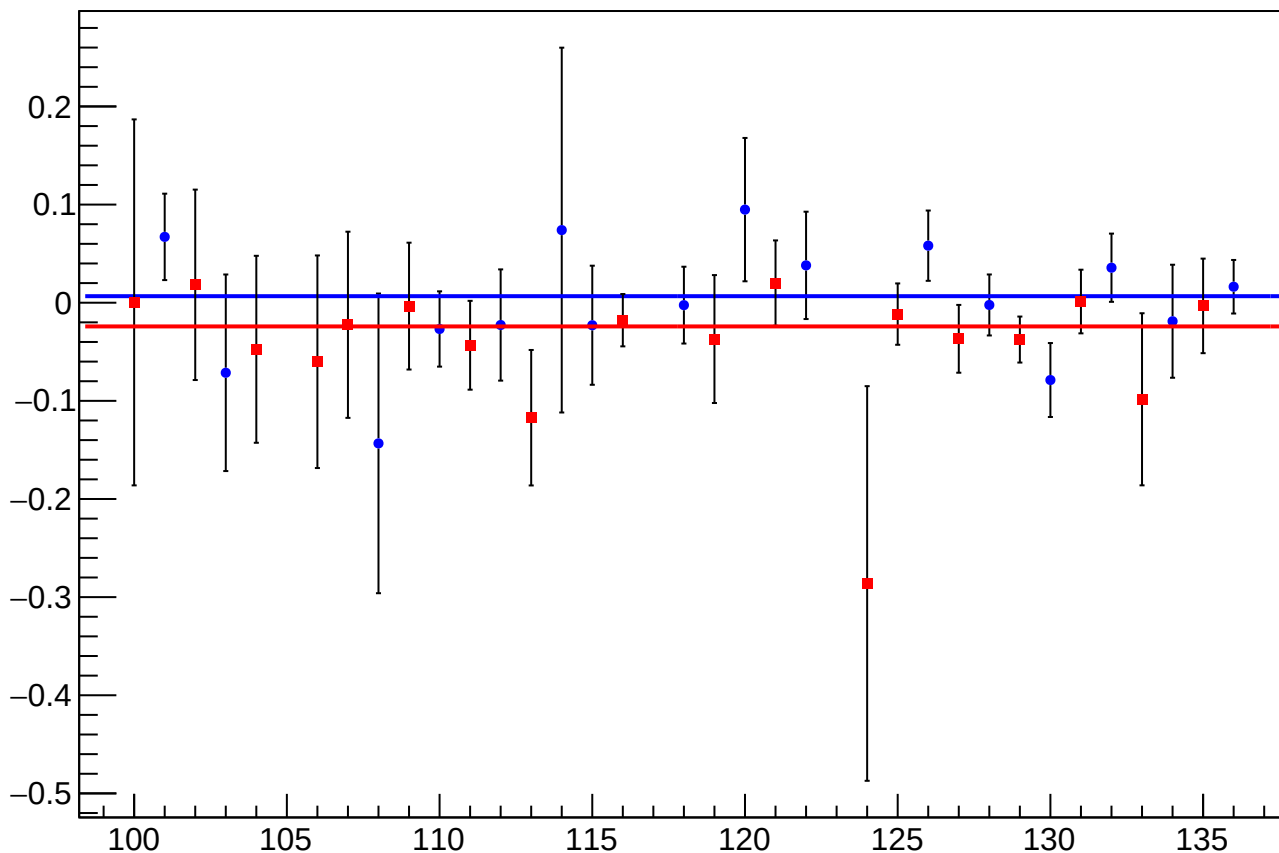
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 11041981.3/33

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.007 $\pm$ 0.011 χ^2 /NDF: 15.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.024 $\pm$ 0.011 χ^2 /NDF: 7.4/17

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

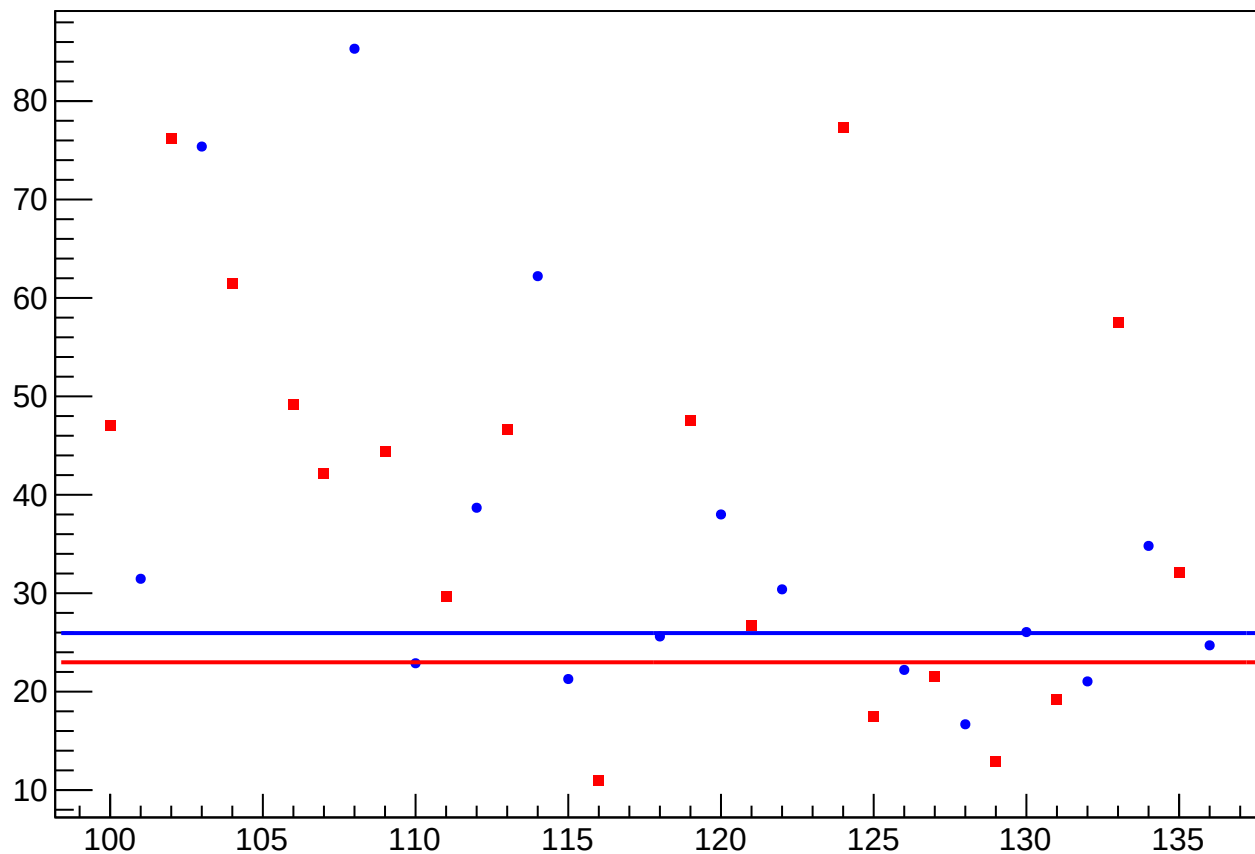
Right: -0.009 $\pm$ 0.008 χ^2 /NDF: 26.4/33

In: 0.007 $\pm$ 0.011 χ^2 /NDF:15.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.009 $\pm$ 0.008 χ^2 /NDF: 26.4/33

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: 22.982+/-0.008 χ^2/NDF : 3356953.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

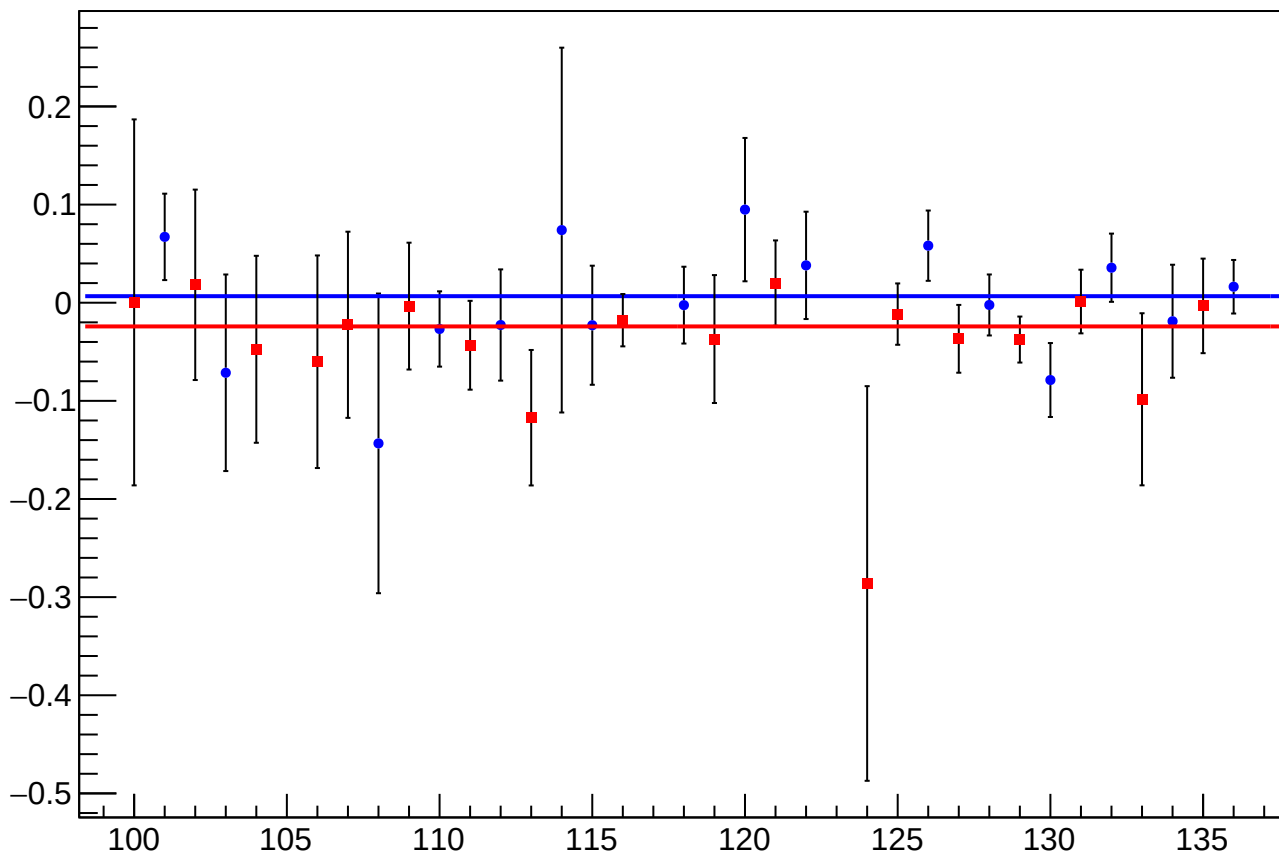
Right: 24.408+/-0.005 χ^2/NDF : 4812788.2/33

In: 25.950+/-0.008 χ^2/NDF : 1381591.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.408+/-0.005 χ^2/NDF : 4812788.2/33

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 : 7.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

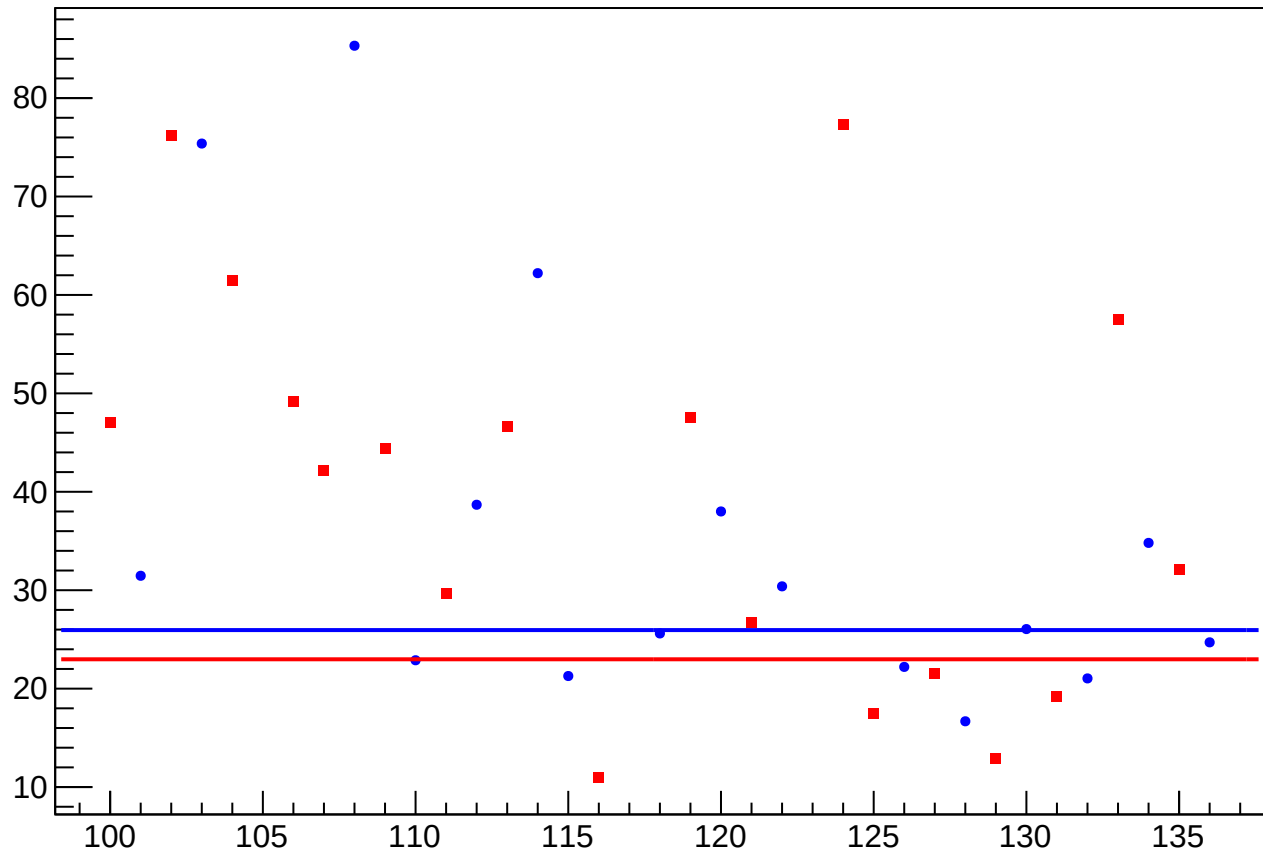
Right: -0.009 ± 0.008 χ^2/NDF : 26.4/33

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 : 26.4/33

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: 22.982+/-0.008 χ^2/NDF : 3356953.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

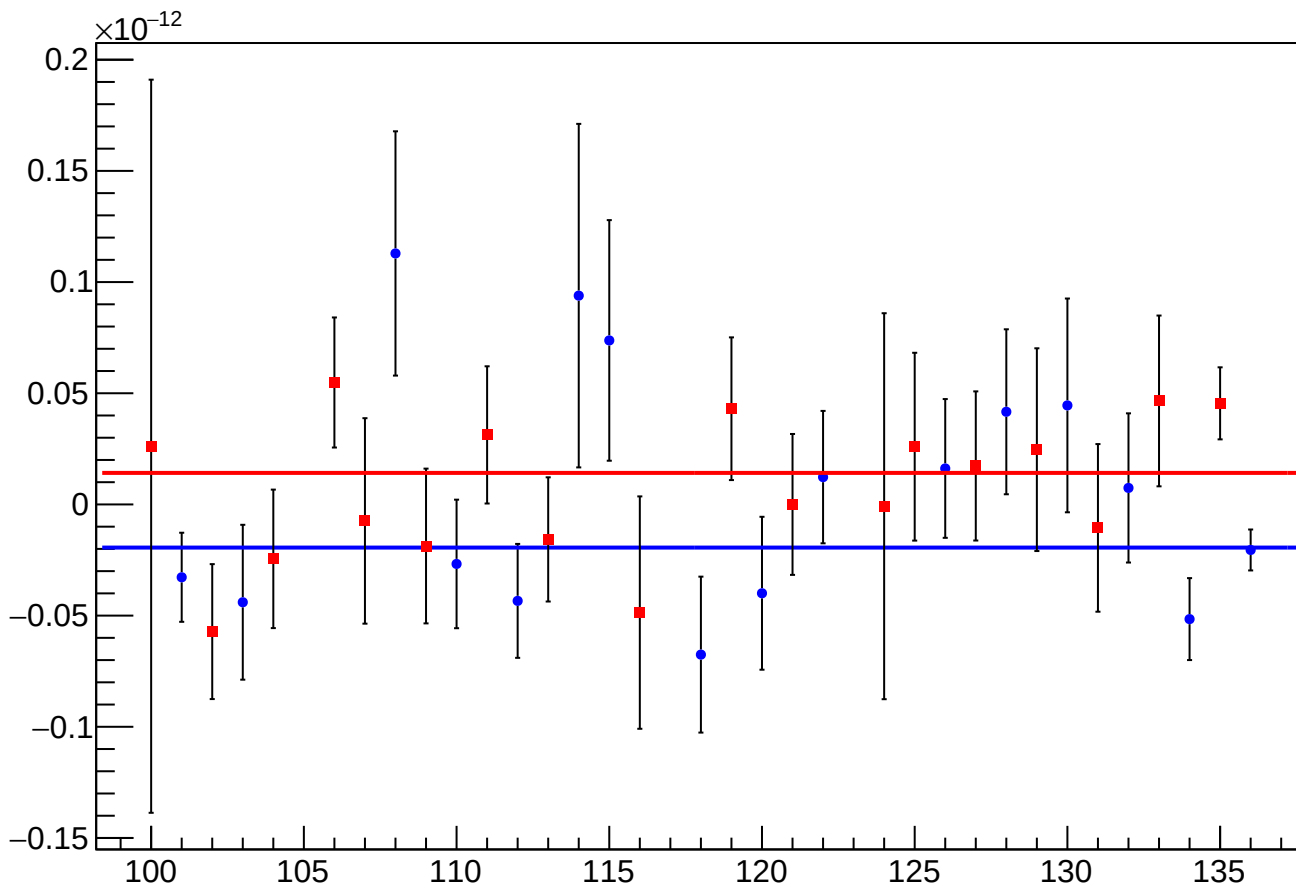
Right: 24.408+/-0.005 χ^2/NDF : 4812788.2/33

In: 25.950+/-0.008 χ^2/NDF : 1381591.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.408+/-0.005 χ^2/NDF : 4812788.2/33

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 : 19.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

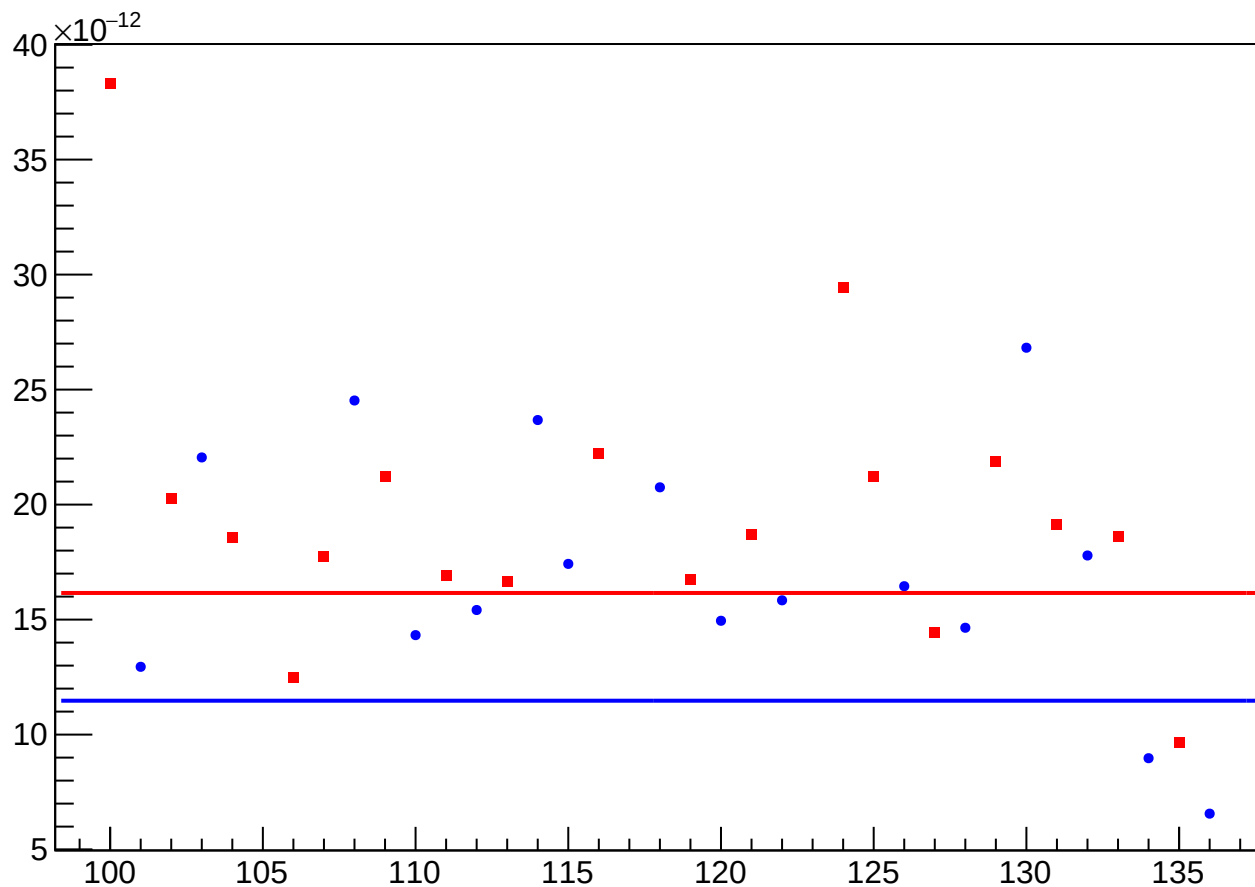
Right: -0.000+/-0.000 χ^2/NDF : 56.4/33

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 : 56.4/33

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 : 657676.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

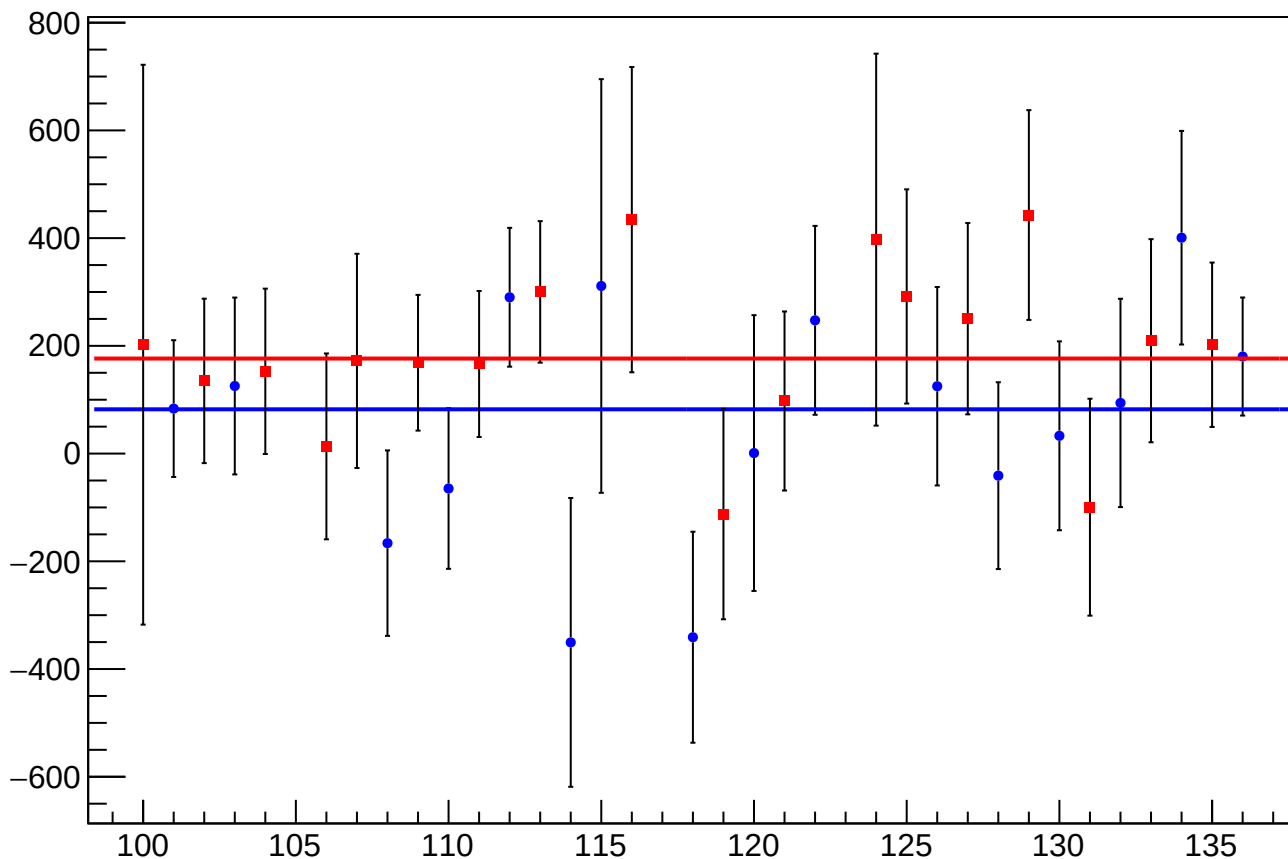
Right: 0.000+/-0.000 χ^2/NDF : 2709401.9/33

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 : 2709401.9/33

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: 176.448+/-41.323 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

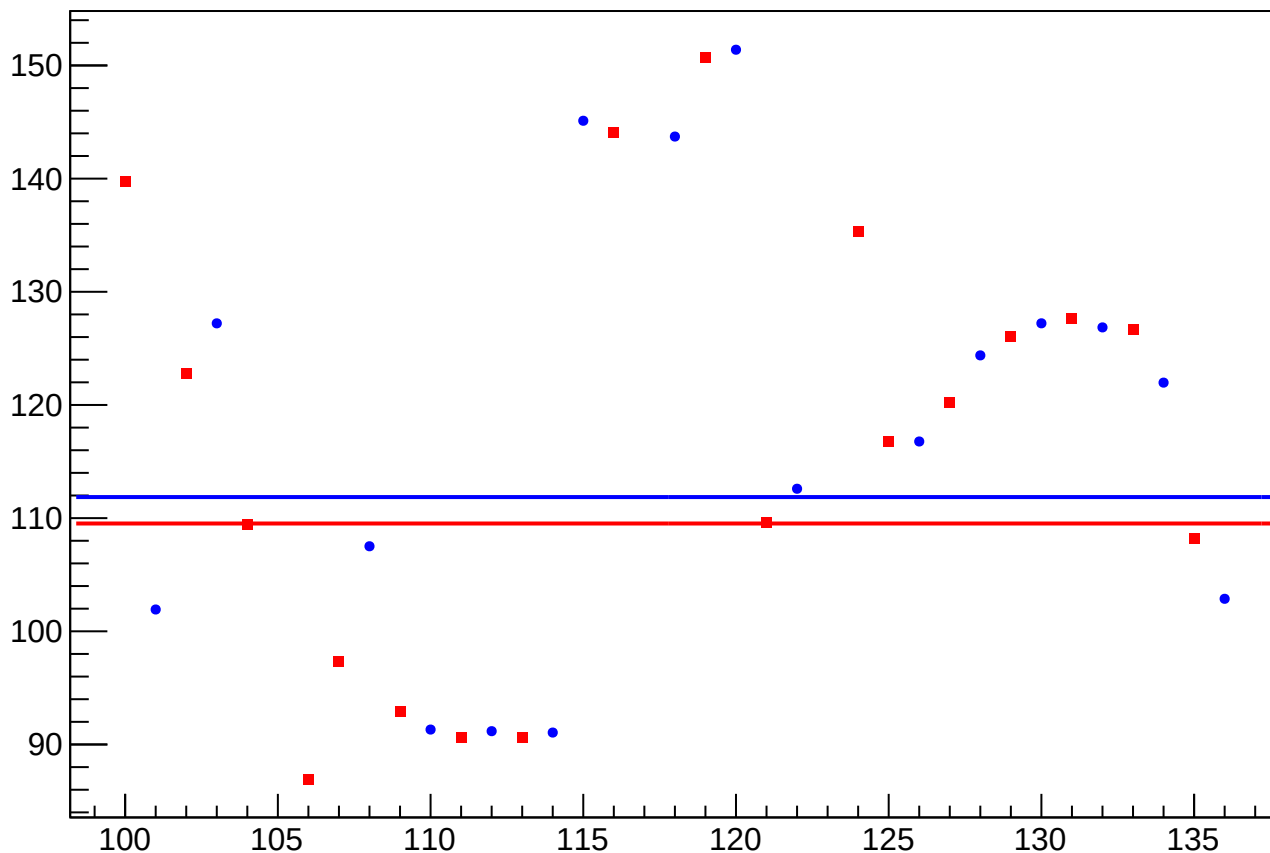
Right: 130.238+/-29.502 χ^2/NDF : 30.8/33

In: 82.196+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.238+/-29.502 χ^2/NDF : 30.8/33

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: 109.526+/-0.029 χ^2/NDF : 365926.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

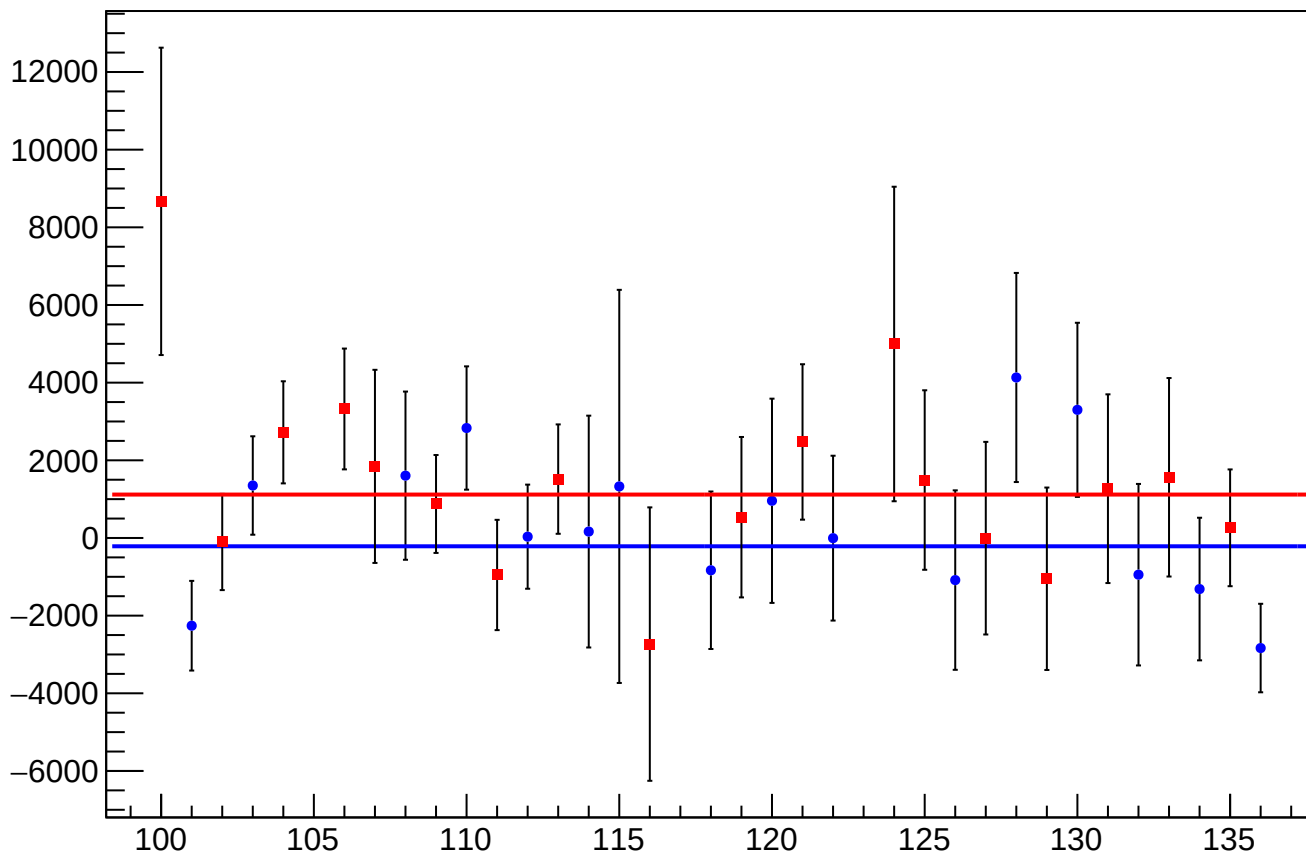
Right: 110.671+/-0.021 χ^2/NDF : 675084.6/33

In: 111.862+/-0.030 χ^2/NDF : 306023.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.671+/-0.021 χ^2/NDF : 675084.6/33

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: 1117.922+/-429.563 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

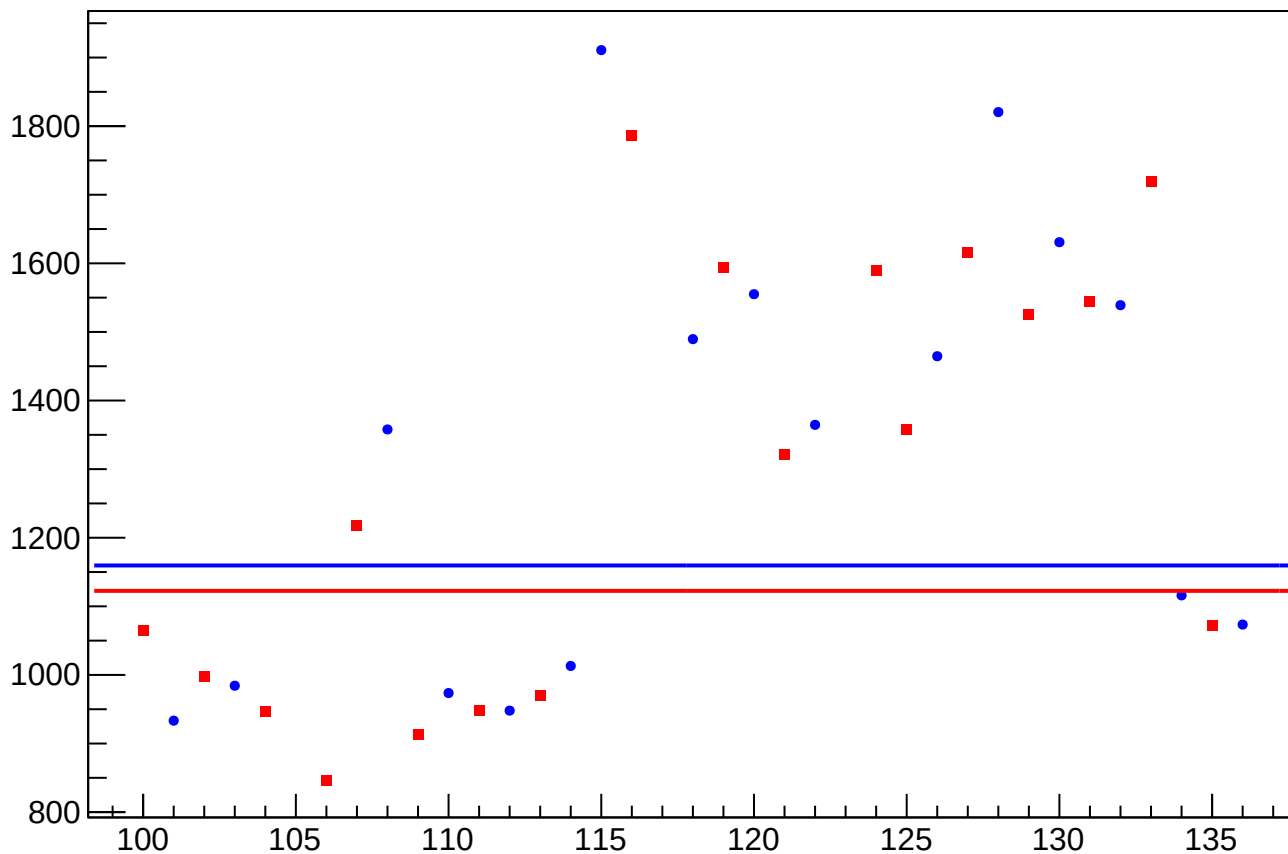
Right: 473.820+/-308.712 χ^2/NDF : 39.6/33

In: -214.187+/-443.962 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 473.820+/-308.712 χ^2/NDF : 39.6/33

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: 1122.558+/-0.304 χ^2/NDF : 782039.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

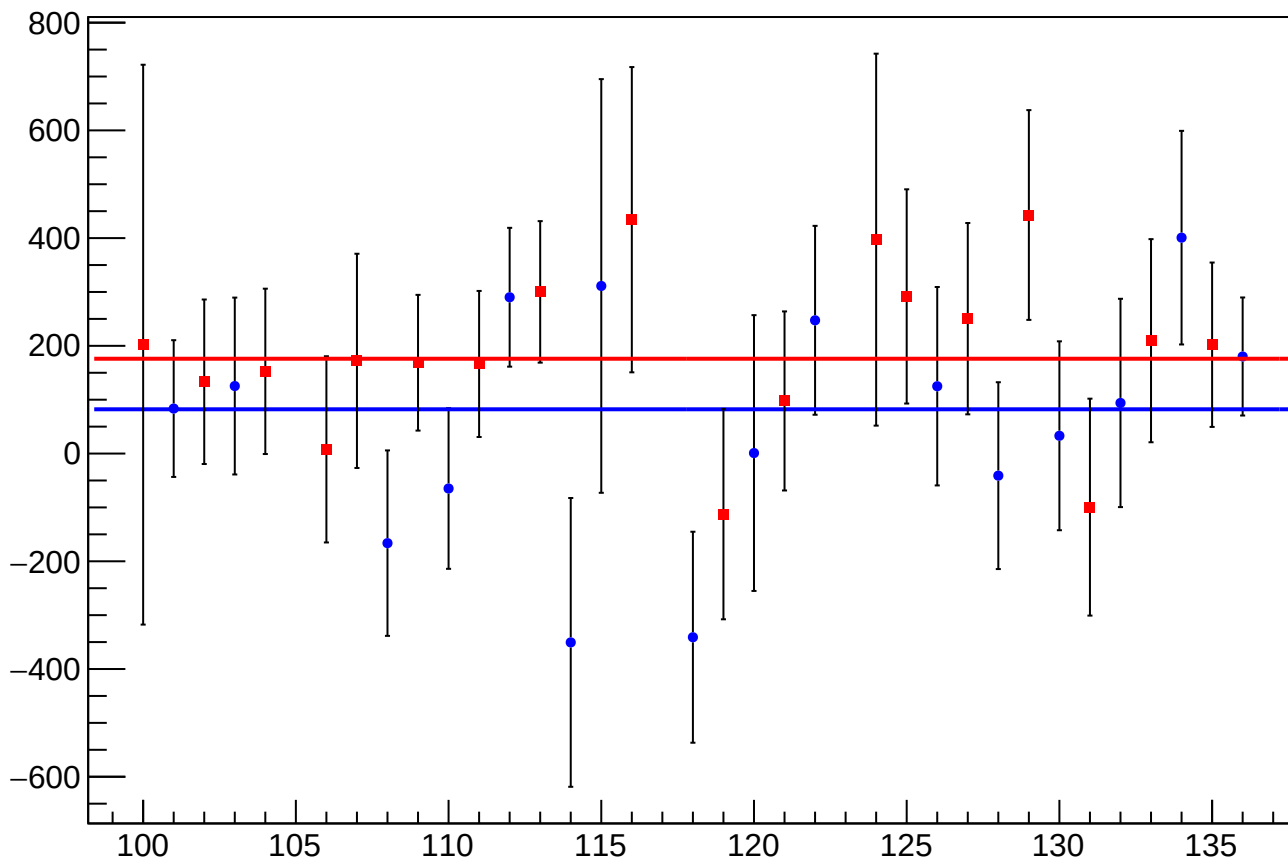
Right: 1140.453+/-0.218 χ^2/NDF : 1472910.7/33

In: 1159.567+/-0.314 χ^2/NDF : 683693.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1140.453+/-0.218 χ^2/NDF : 1472910.7/33

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: 176.043+/-41.328 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

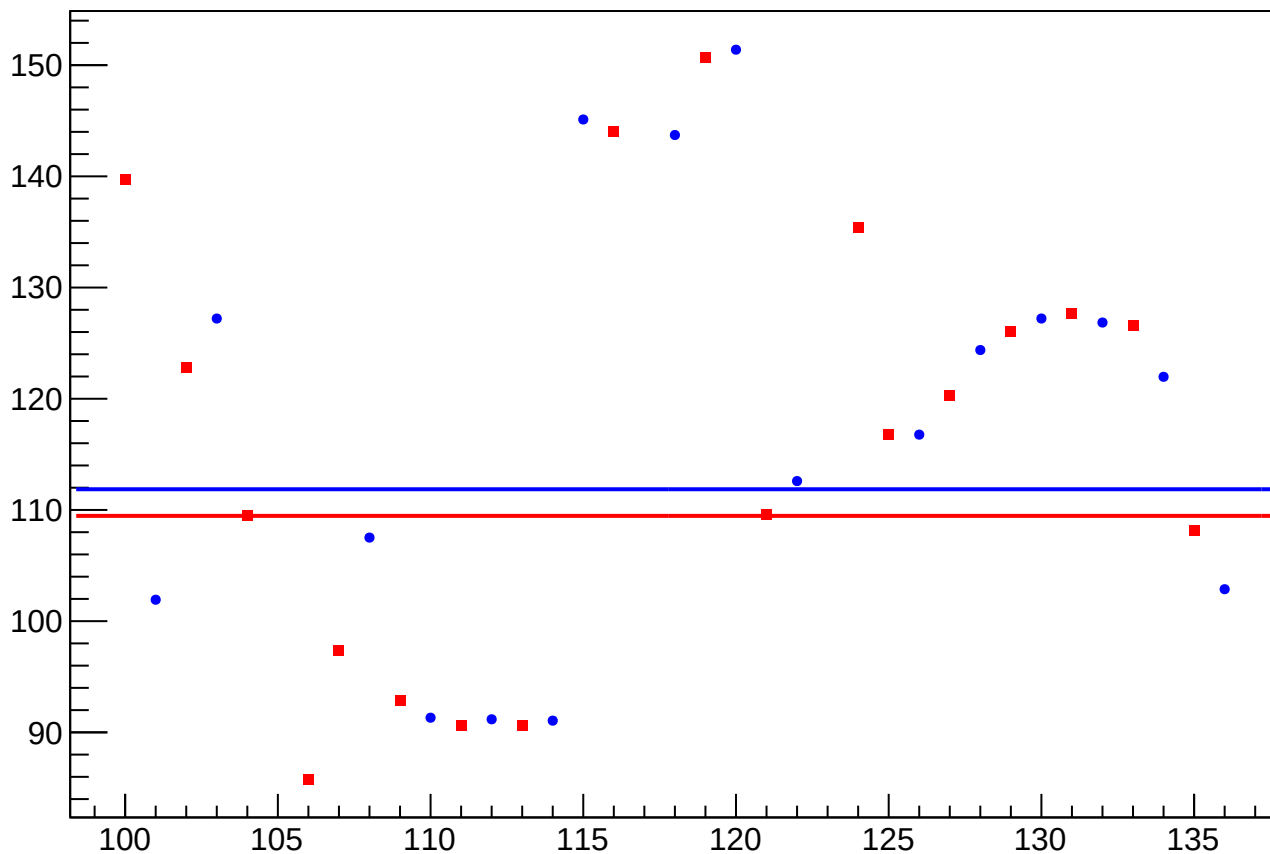
Right: 130.019+/-29.504 χ^2/NDF : 30.8/33

In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.019+/-29.504 χ^2/NDF : 30.8/33

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: 109.468 $\pm$ 0.029 χ^2 /NDF: 369443.5/17

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

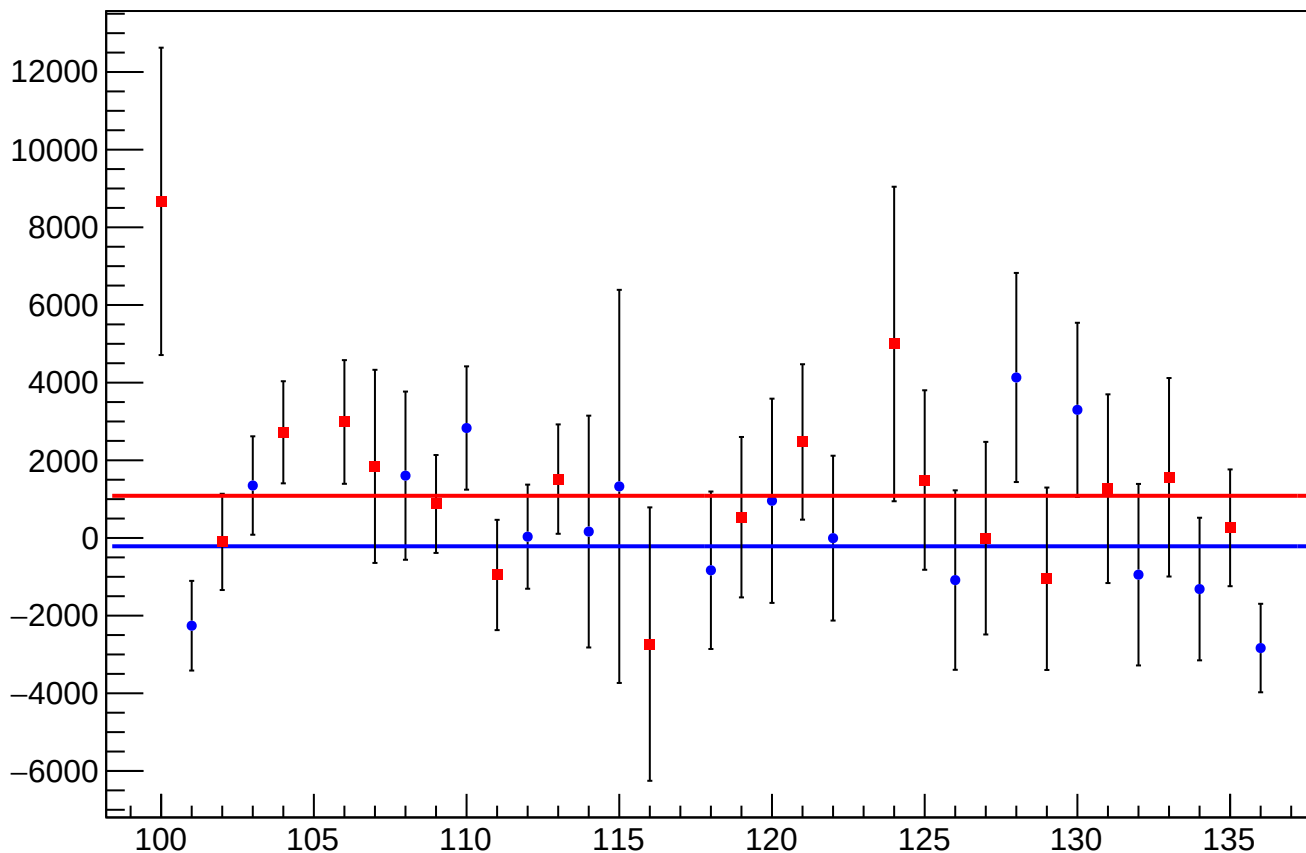
Right: 110.642 $\pm$ 0.021 χ^2 /NDF: 678759.3/33

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: 110.642 $\pm$ 0.021 χ^2 /NDF: 678759.3/33

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: 1086.220+/-430.333 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

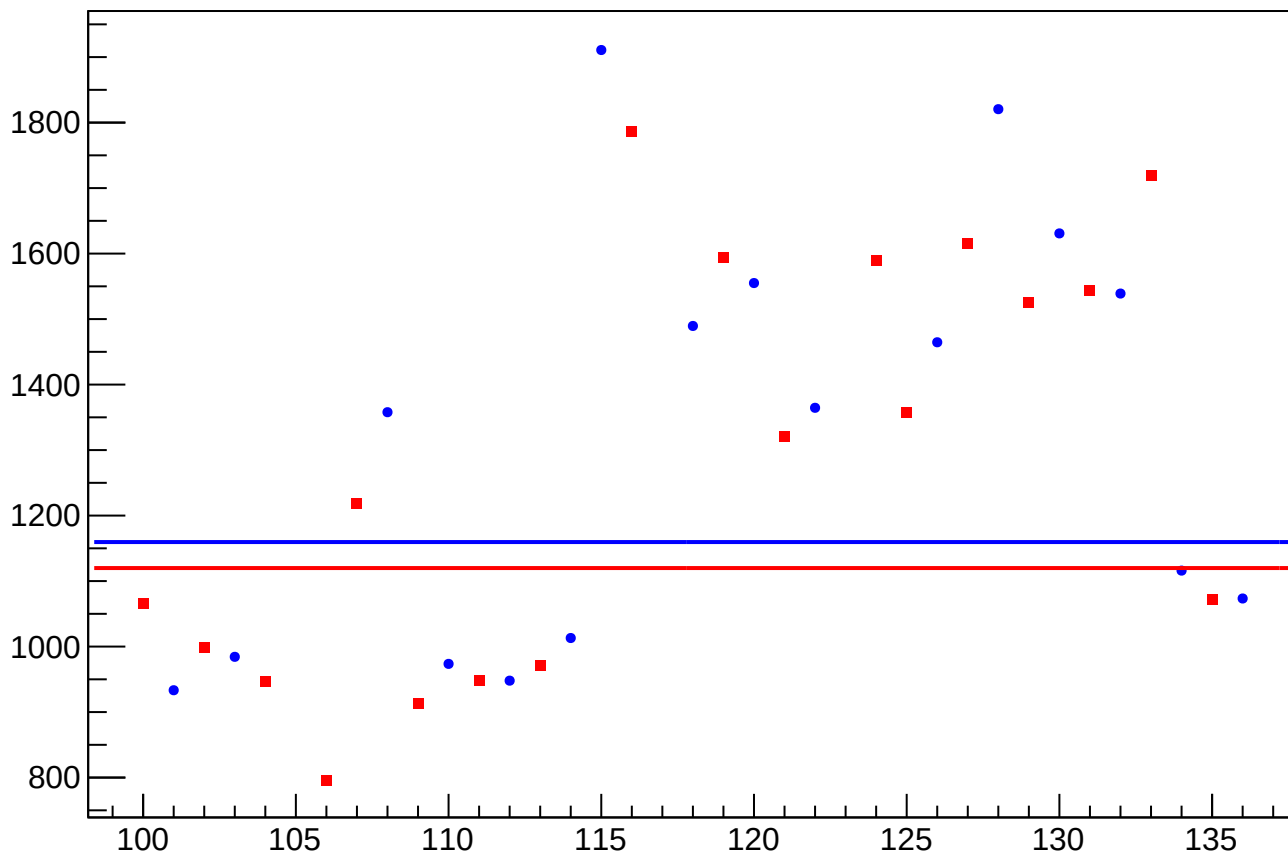
Right: 456.244+/-308.998 χ^2/NDF : 38.8/33

In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.244+/-308.998 χ^2/NDF : 38.8/33

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: 1119.884+/-0.304 χ^2/NDF : 802965.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

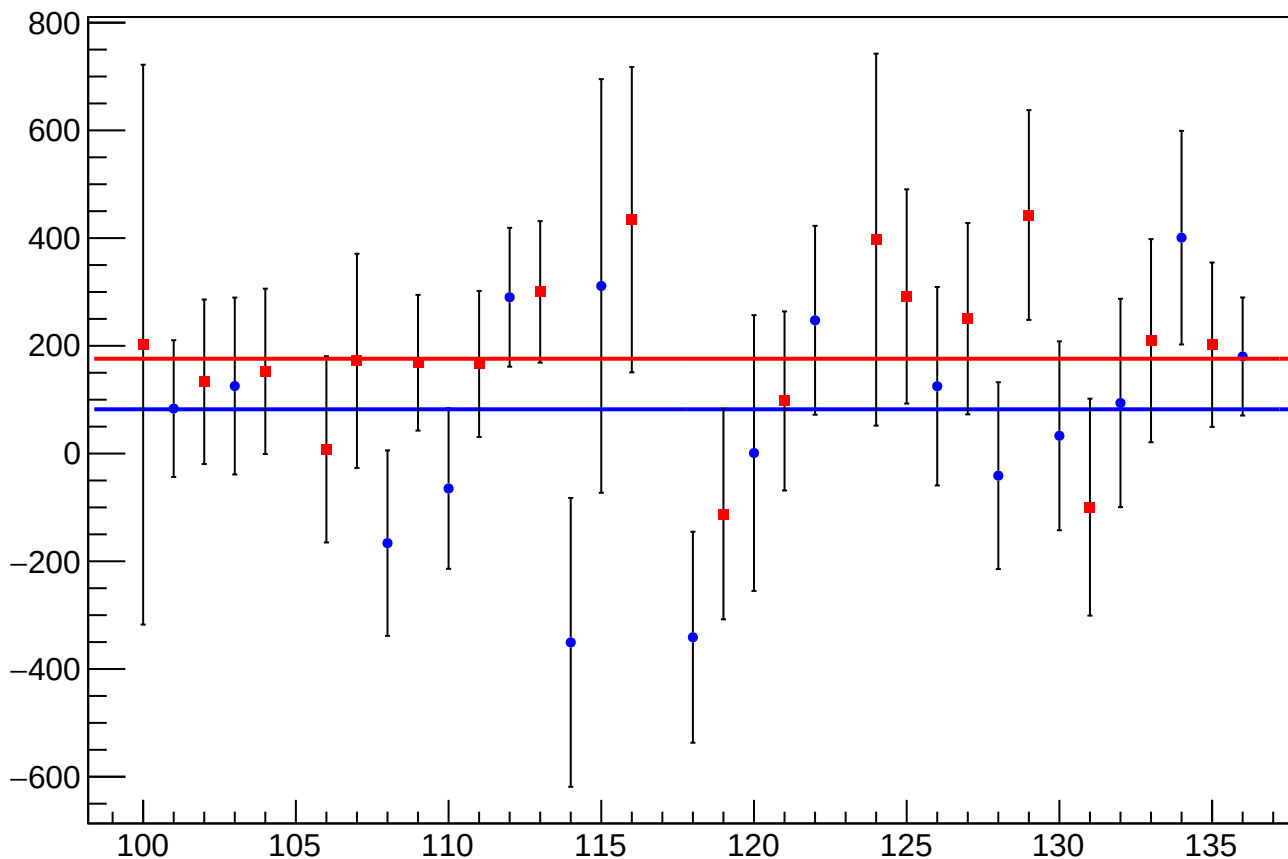
Right: 1139.111+/-0.218 χ^2/NDF : 1494869.9/33

In: 1159.576+/-0.314 χ^2/NDF :683662.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1139.111+/-0.218 χ^2/NDF : 1494869.9/33

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: 176.043+/-41.328 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

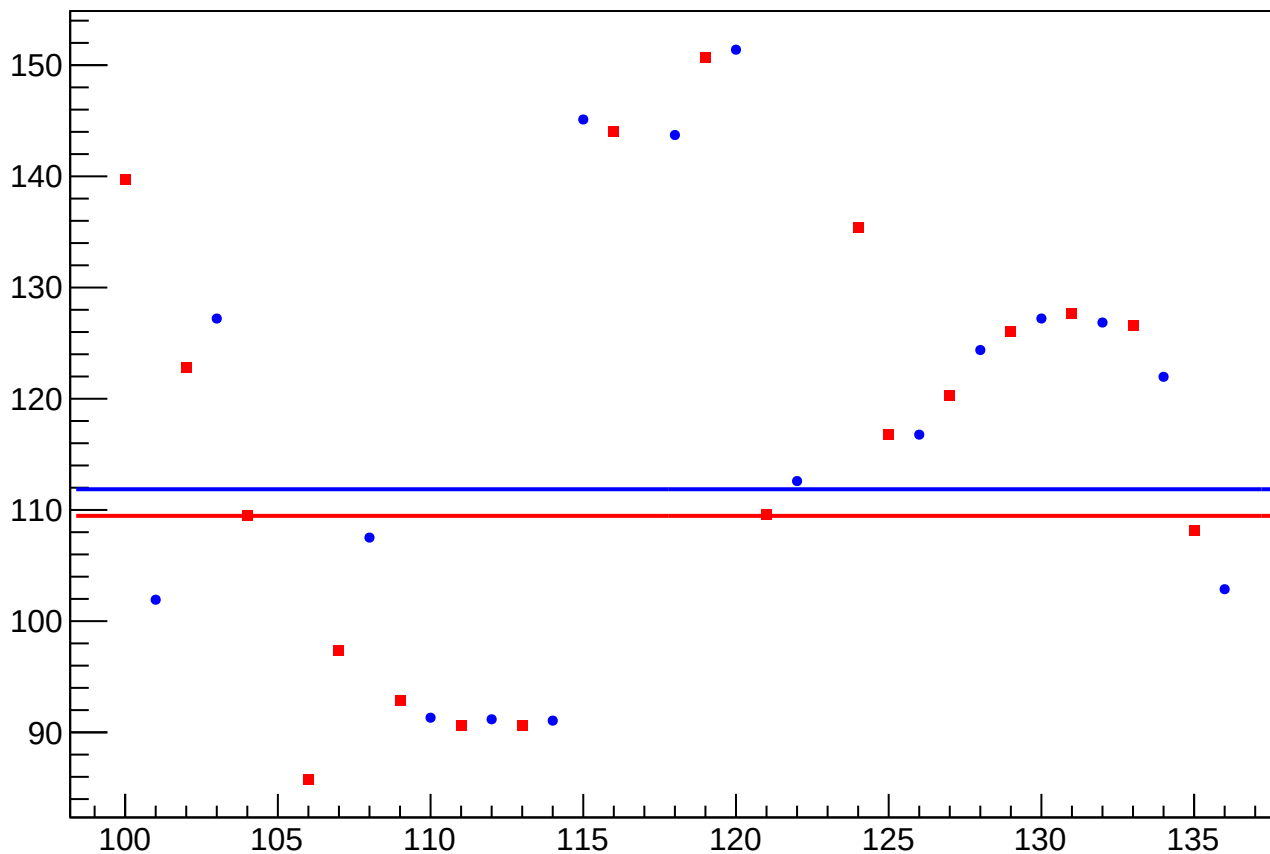
Right: 130.019+/-29.504 χ^2/NDF : 30.8/33

In: 82.185+/-42.133 χ^2/NDF : 18.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.019+/-29.504 χ^2/NDF : 30.8/33

eigen_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: 109.468 $\pm$ 0.029 χ^2 /NDF: 369443.5/17

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

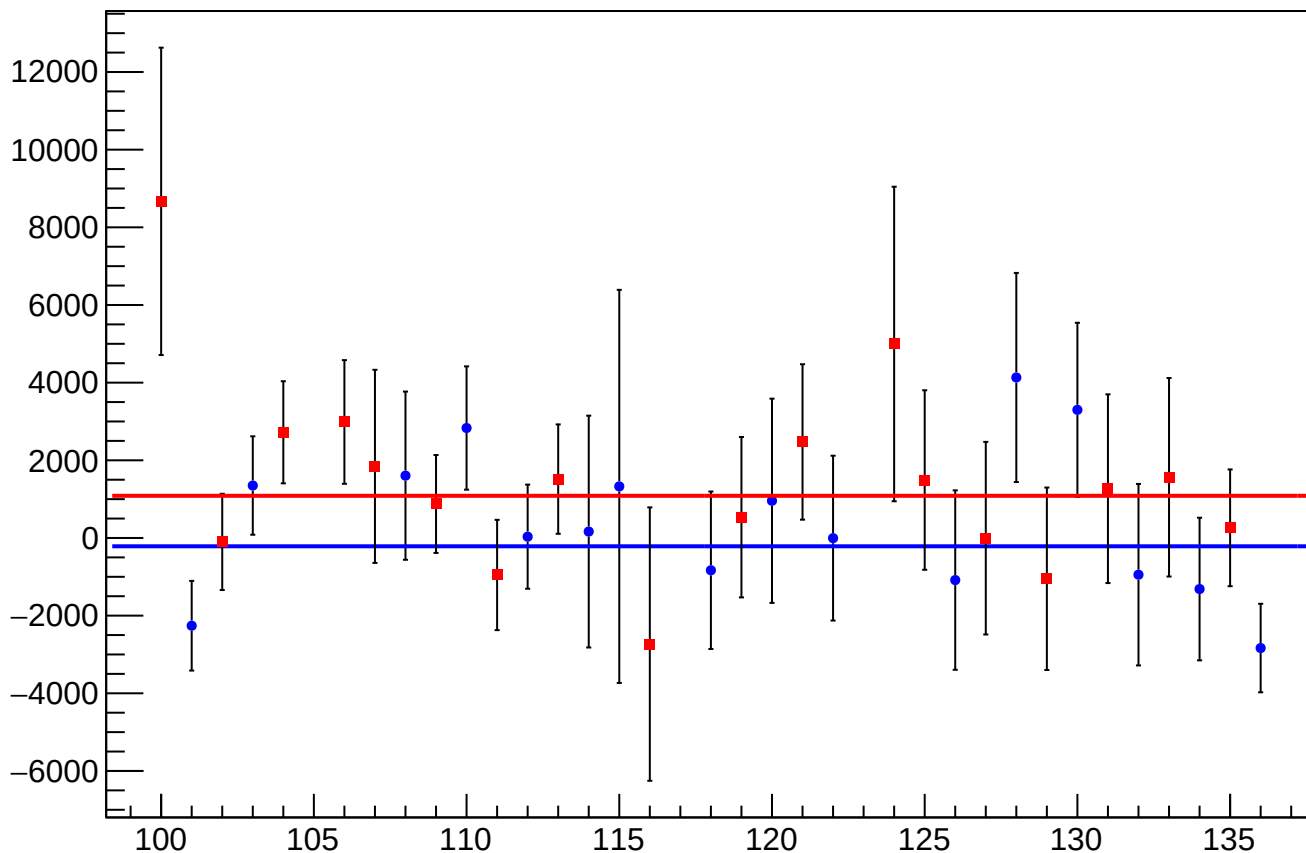
Right: 110.642 $\pm$ 0.021 χ^2 /NDF: 678759.3/33

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: 110.642 $\pm$ 0.021 χ^2 /NDF: 678759.3/33

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: 1086.220+/-430.333 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

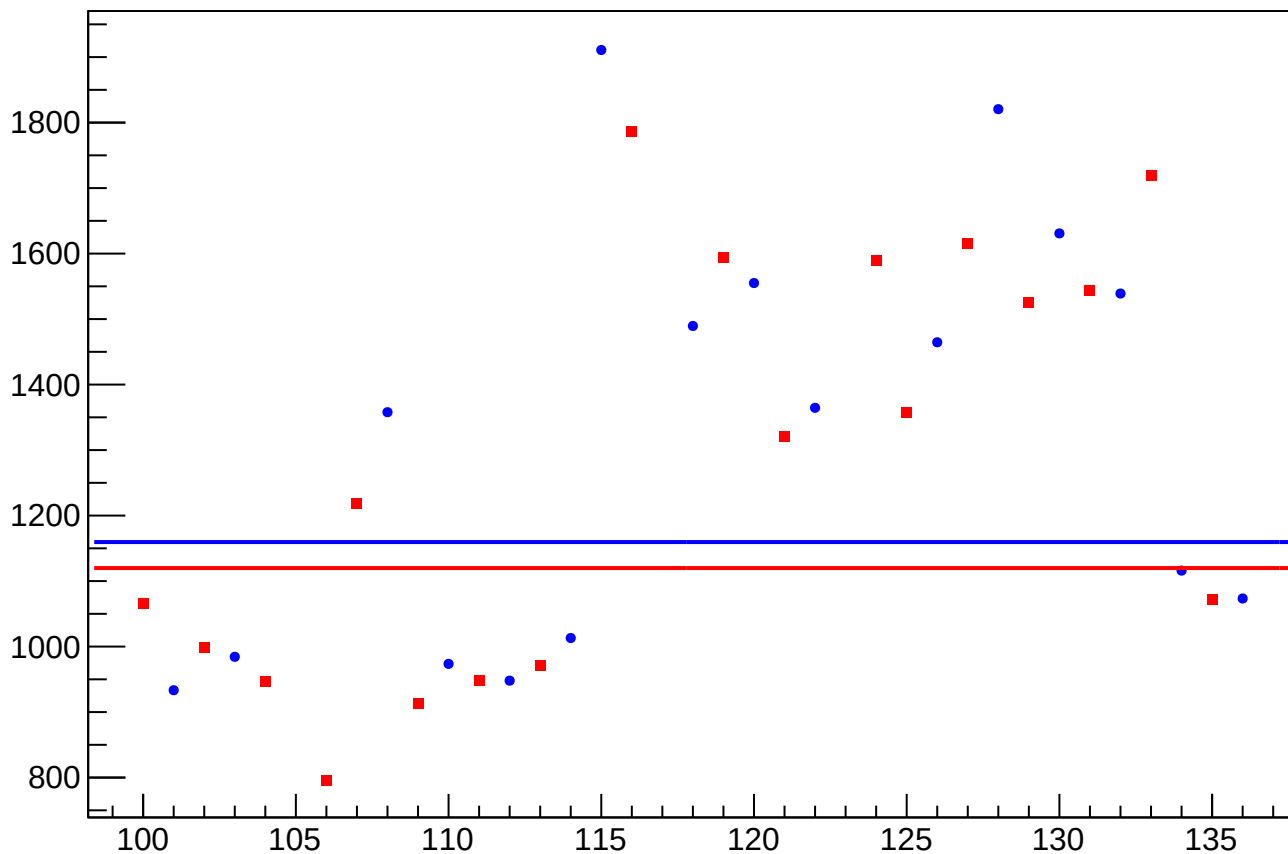
Right: 456.244+/-308.998 χ^2/NDF : 38.8/33

In: -214.278+/-443.965 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 456.244+/-308.998 χ^2/NDF : 38.8/33

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: 1119.884+/-0.304 χ^2/NDF : 802965.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

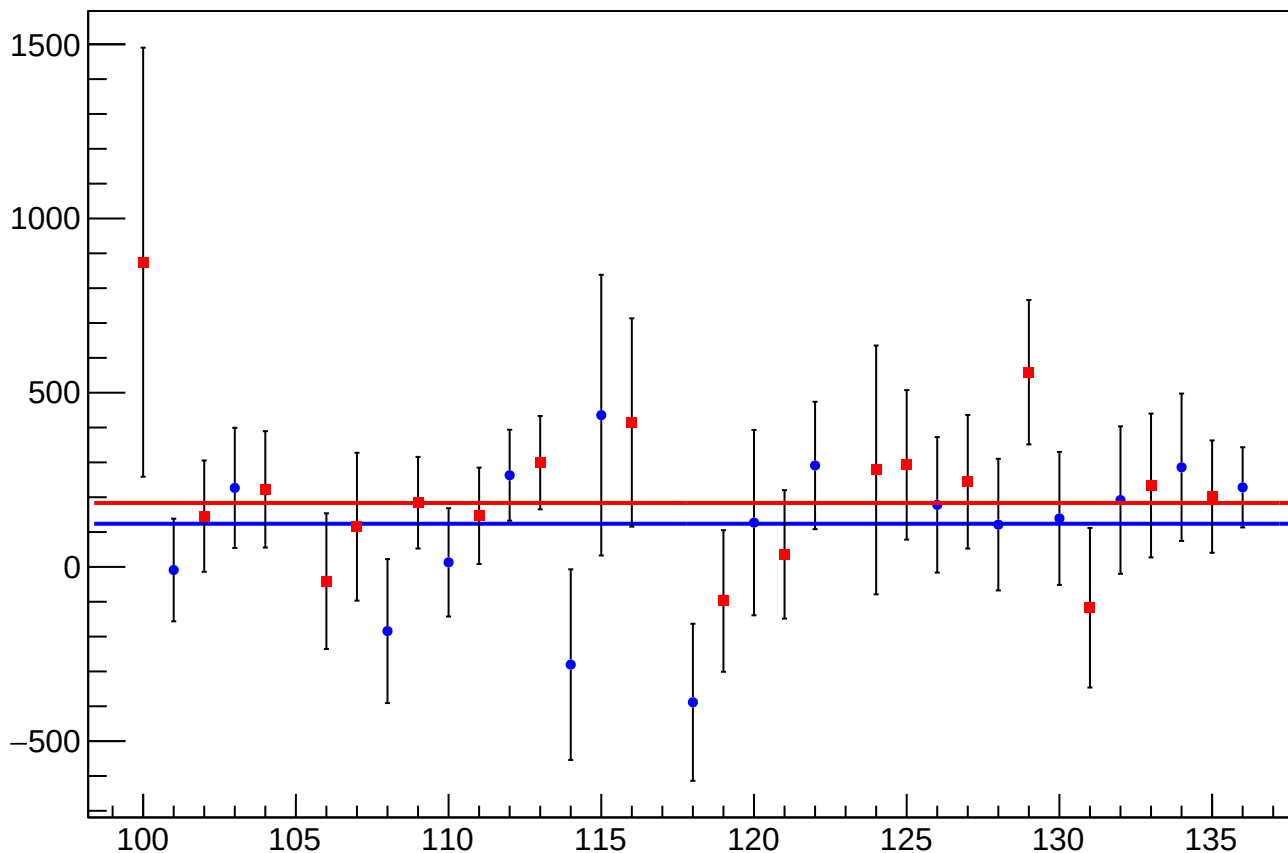
Right: 1139.111+/-0.218 χ^2/NDF : 1494869.9/33

In: 1159.576+/-0.314 χ^2/NDF : 683662.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1139.111+/-0.218 χ^2/NDF : 1494869.9/33

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: 183.466 $\pm$ 43.938 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

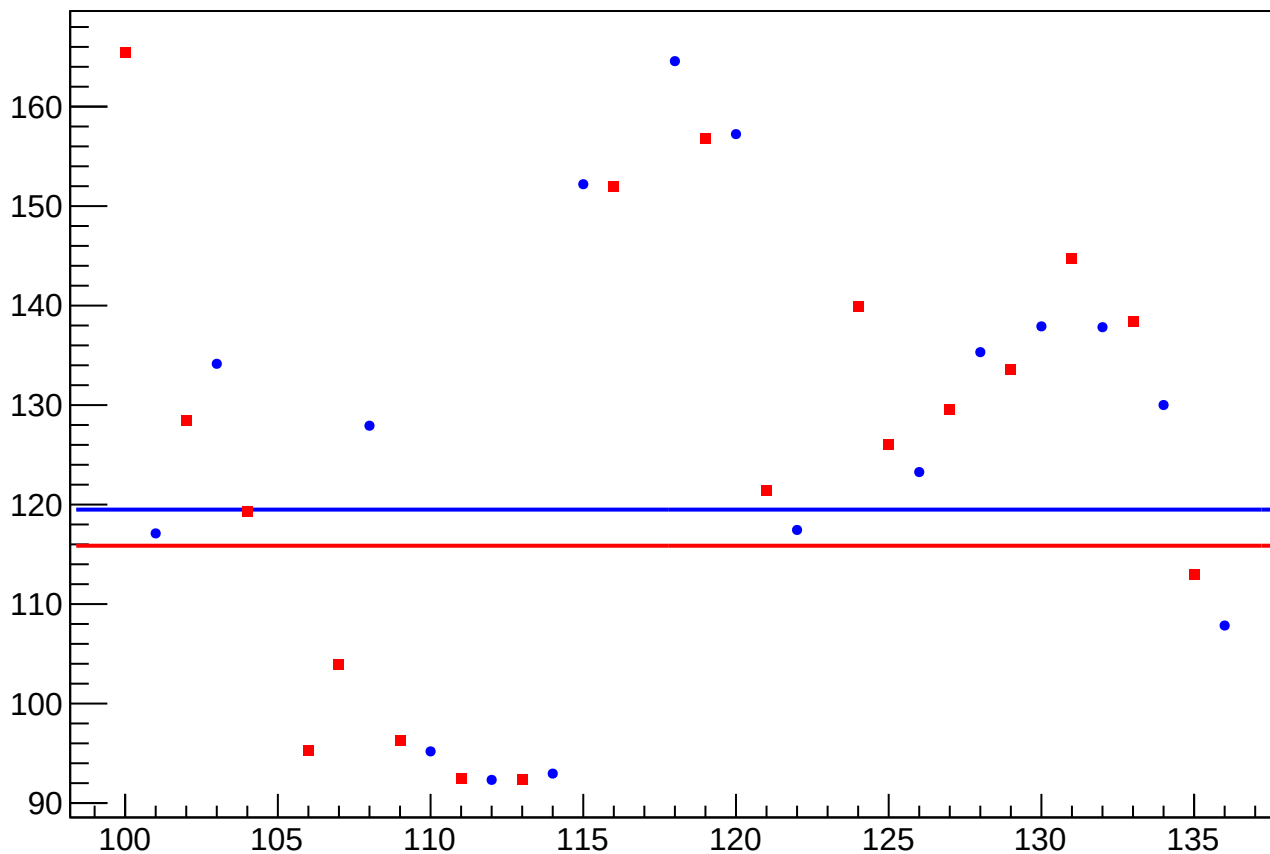
Right: 154.548 $\pm$ 31.518 χ^2 /NDF: 28.6/33

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: 154.548 $\pm$ 31.518 χ^2 /NDF: 28.6/33

dit_asym_sam_48_dd_rms vs Slug, Sign Corrected



Right In: 119.495+/-0.032 χ^2/NDF : 380250.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.865+/-0.031 χ^2/NDF : 425066.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

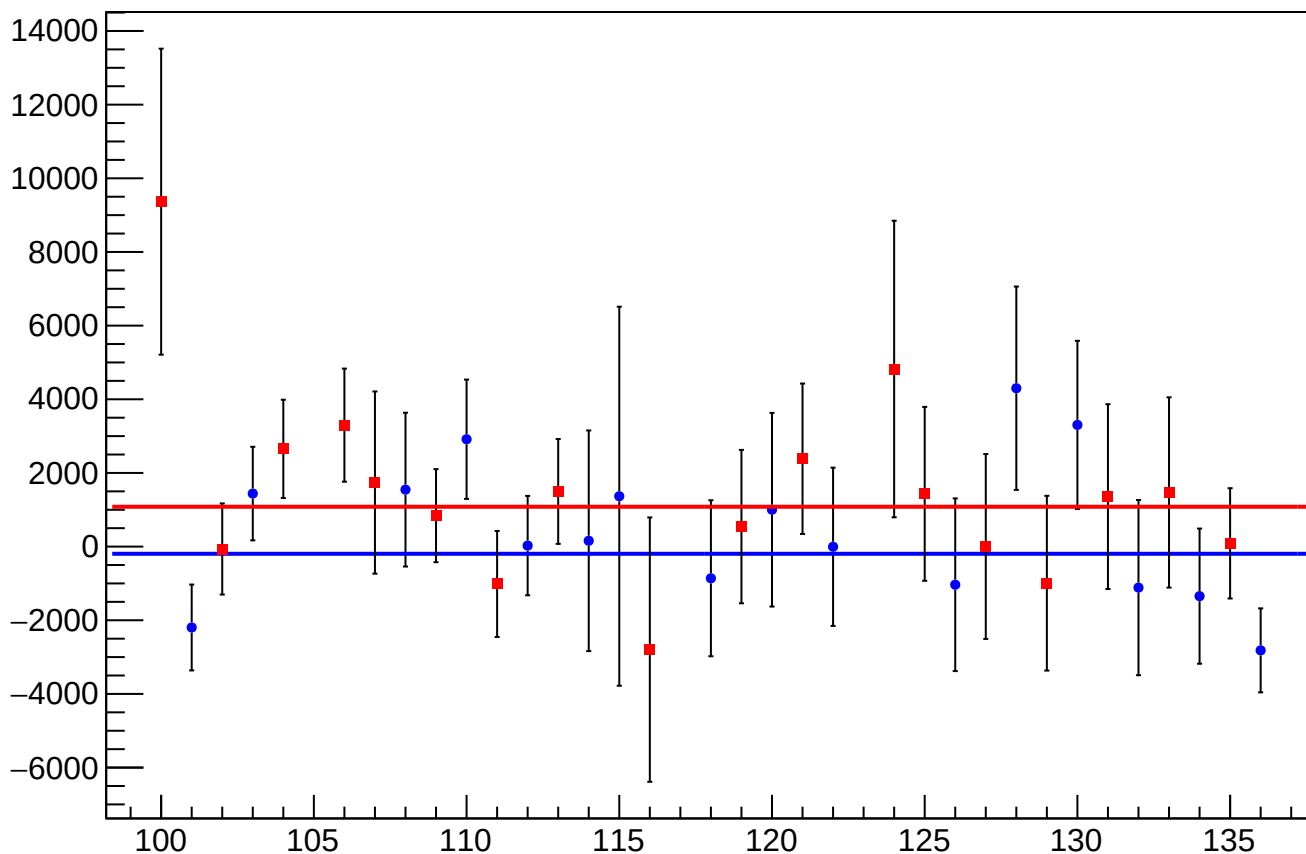
Right: 117.627+/-0.022 χ^2/NDF : 811944.2/33

In: 119.495+/-0.032 χ^2/NDF : 380250.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.627+/-0.022 χ^2/NDF : 811944.2/33

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: 1082.167+/-432.618 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

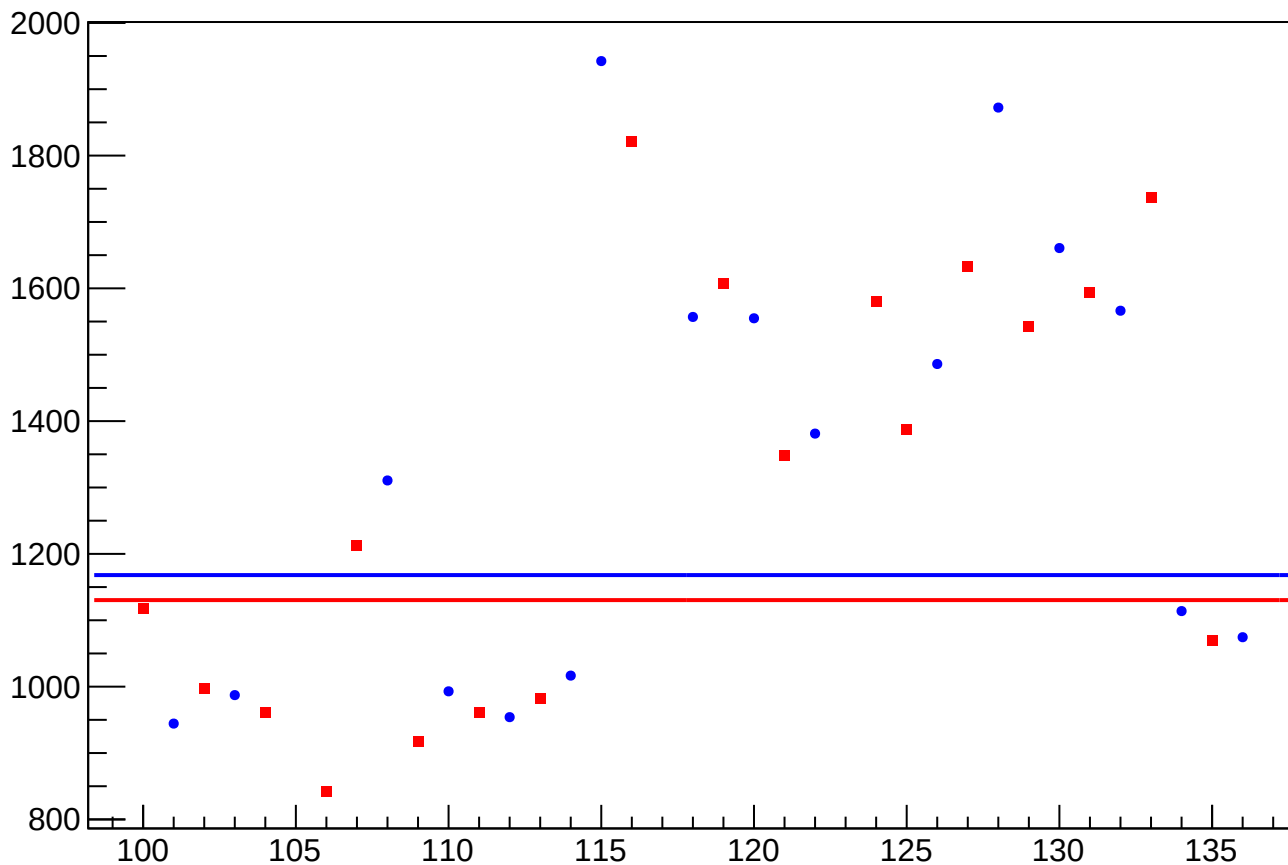
Right: 464.894+/-310.980 χ^2/NDF : 39.2/33

In: -195.086+/-447.334 χ^2/NDF : 20.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.894+/-310.980 χ^2/NDF : 39.2/33

asym_sam_48_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 1168.063 $\pm$ 0.316 χ^2 /NDF: 709363.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1130.382 $\pm$ 0.306 χ^2 /NDF: 806826.0/17

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

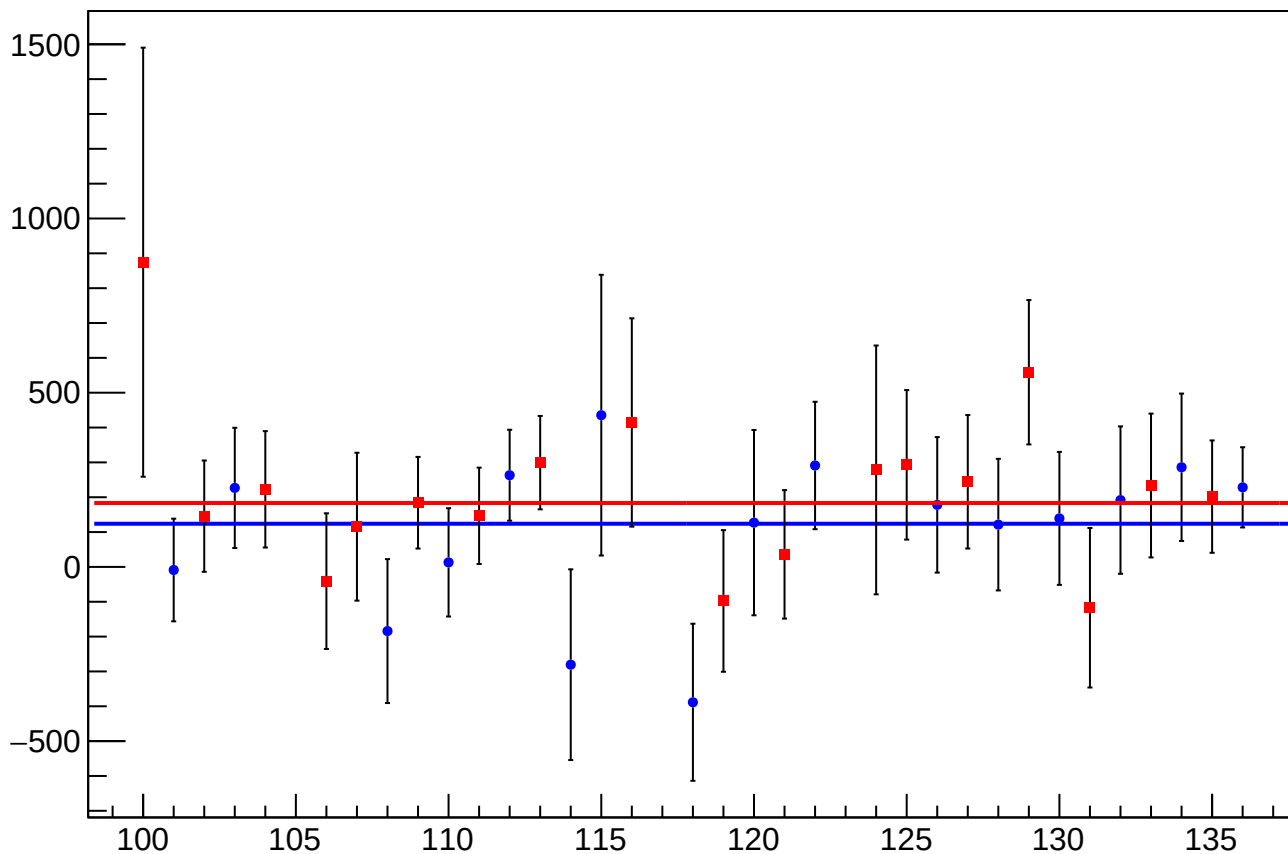
Right: 1148.592 $\pm$ 0.220 χ^2 /NDF: 1523522.4/33

In: 1168.063 $\pm$ 0.316 χ^2 /NDF:709363.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1148.592 $\pm$ 0.220 χ^2 /NDF: 1523522.4/33

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: 183.467 $\pm$ 43.938 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

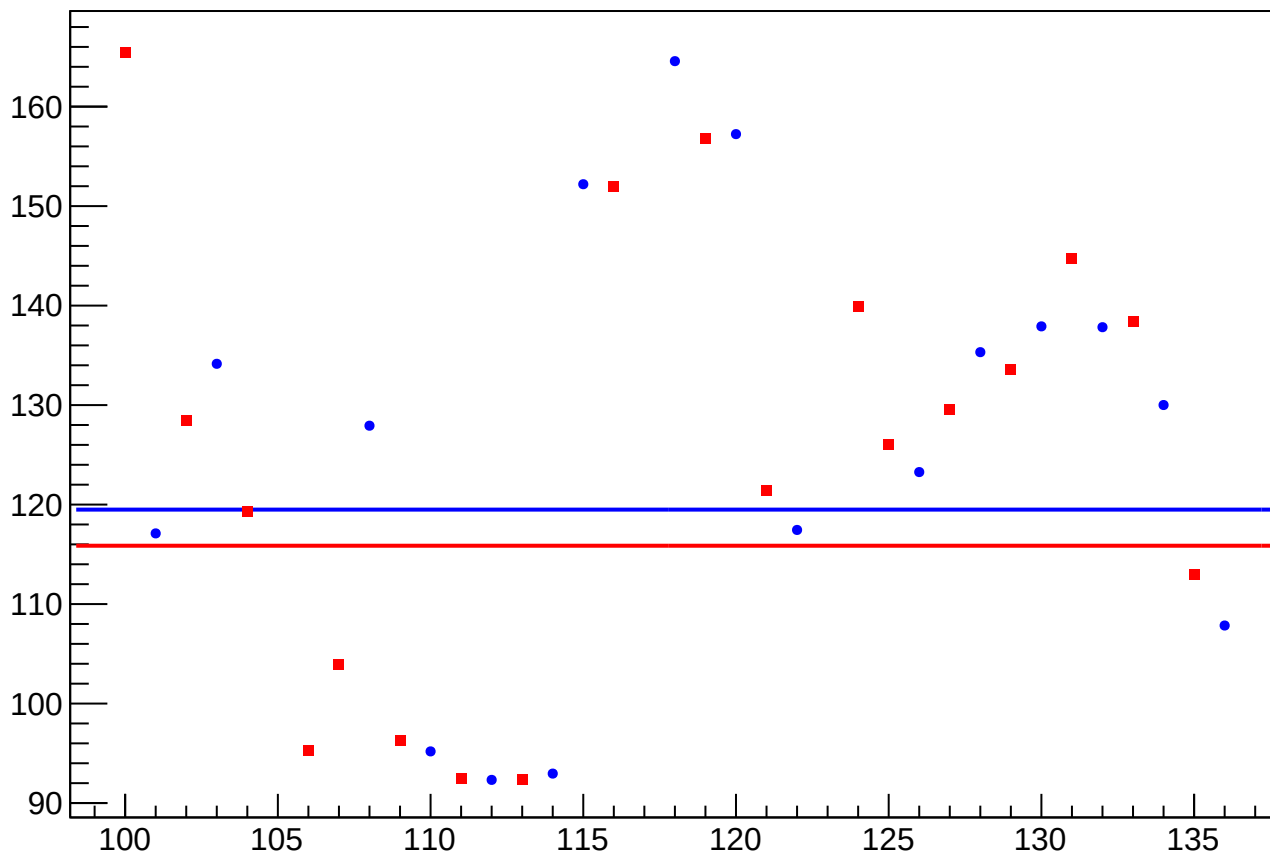
Right: 154.549 $\pm$ 31.518 χ^2 /NDF: 28.6/33

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: 154.549 $\pm$ 31.518 χ^2 /NDF: 28.6/33

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: 115.864+/-0.031 χ^2/NDF : 425071.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

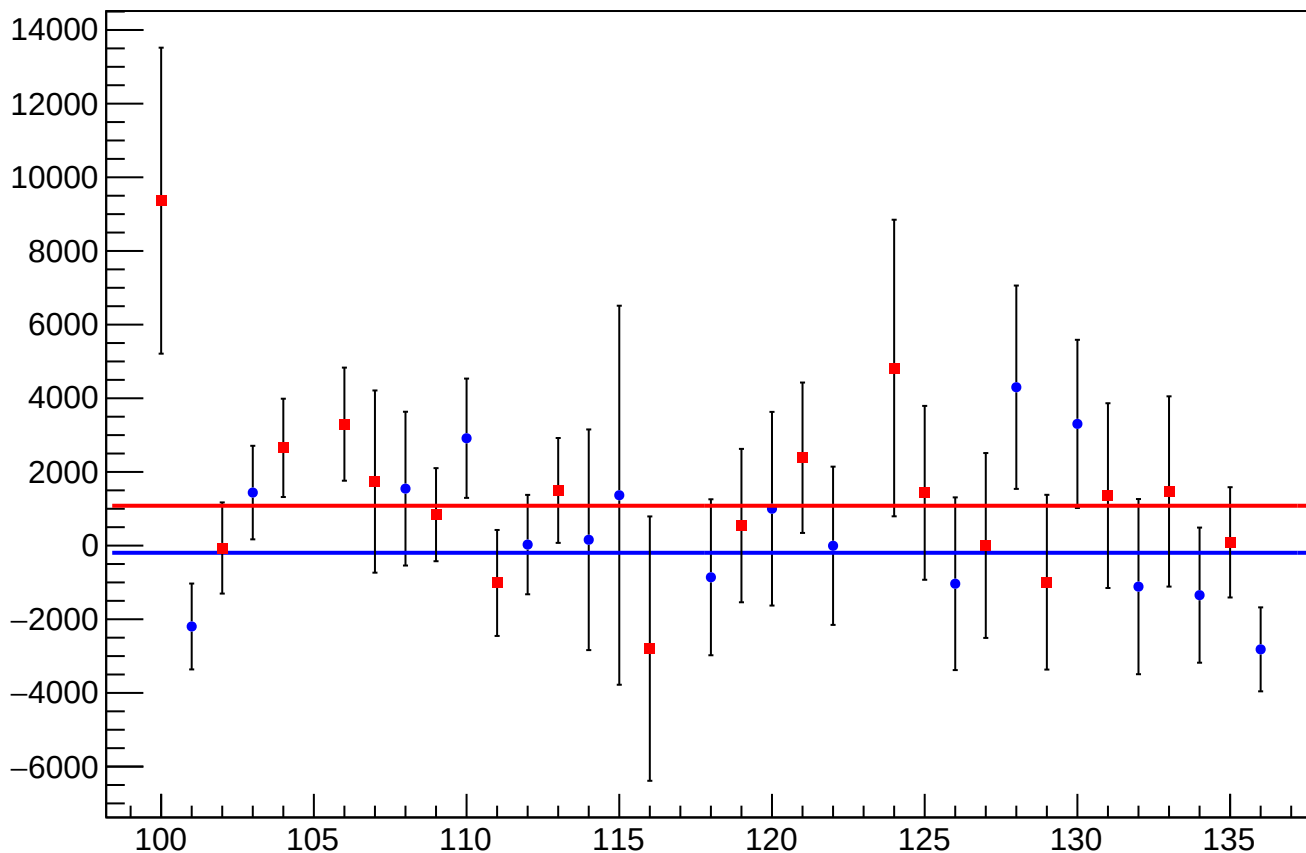
Right: 117.627+/-0.022 χ^2/NDF : 811952.7/33

In: 119.495+/-0.032 χ^2/NDF : 380254.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.627+/-0.022 χ^2/NDF : 811952.7/33

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: 1082.166 ± 432.618 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

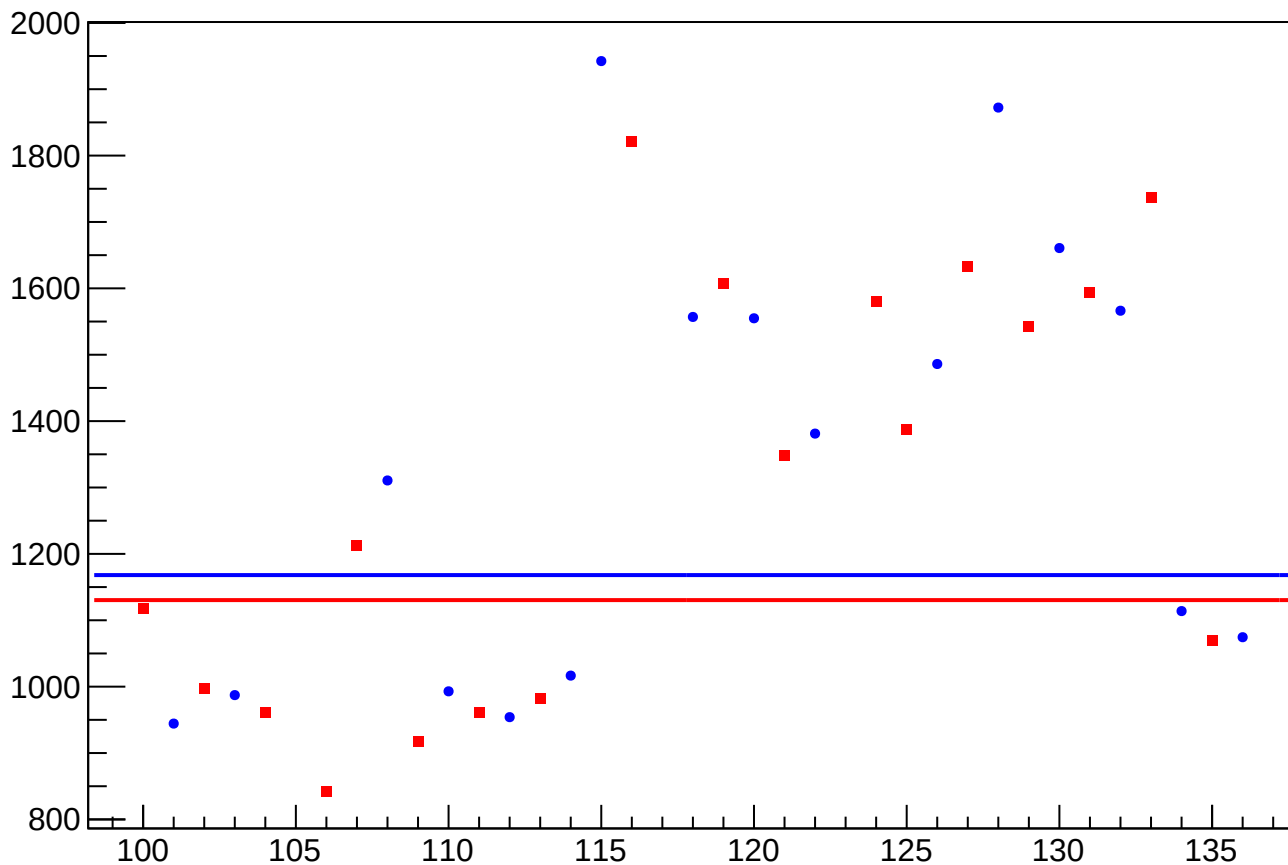
Right: 464.894 ± 310.979 χ^2/NDF : 39.2/33

In: -195.085 ± 447.334 χ^2/NDF : 20.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 464.894 ± 310.979 χ^2/NDF : 39.2/33

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: 1130.382+/-0.306 χ^2/NDF : 806827.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

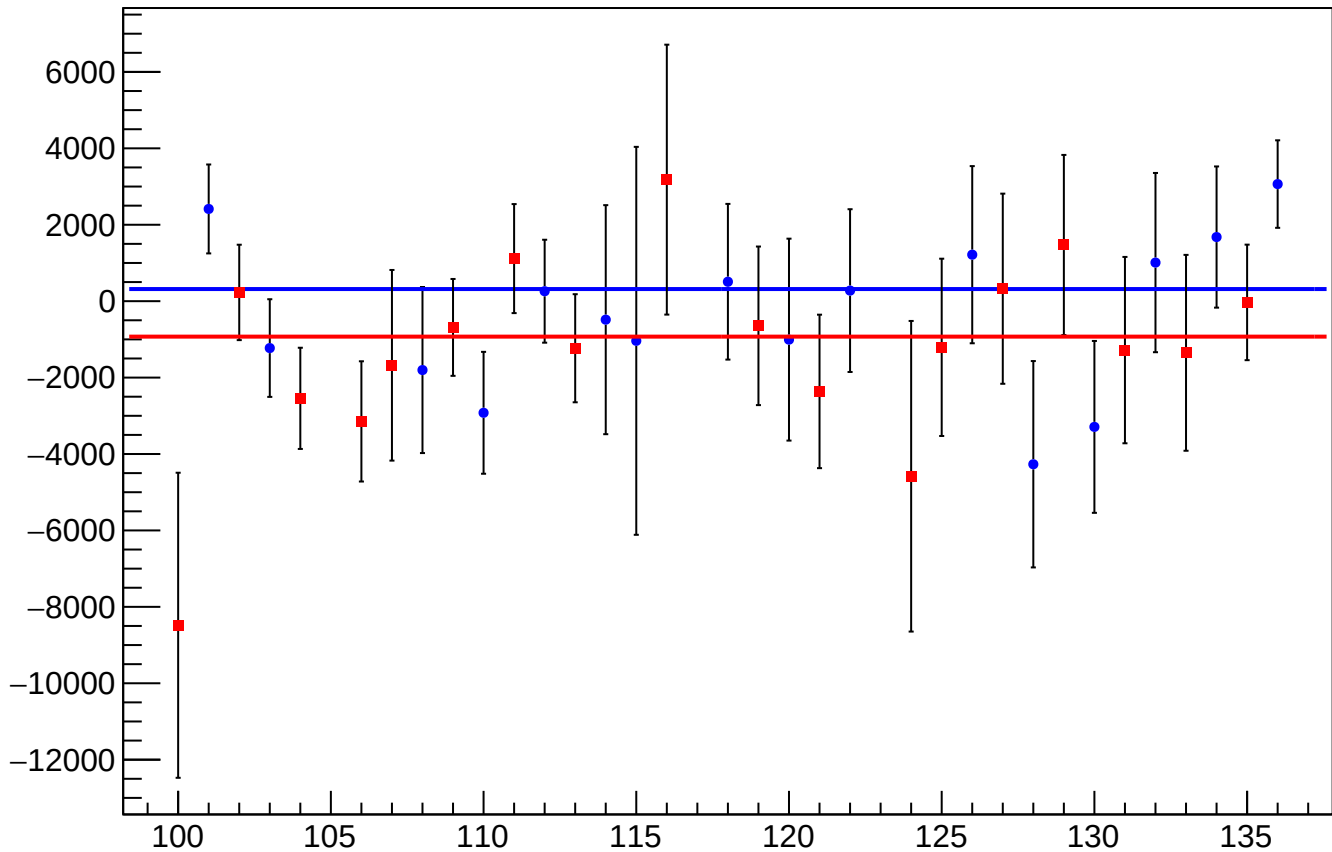
Right: 1148.592+/-0.220 χ^2/NDF : 1523525.6/33

In: 1168.063+/-0.316 χ^2/NDF : 709365.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1148.592+/-0.220 χ^2/NDF : 1523525.6/33

asym_sam_48_dd_mean vs Slug, Sign Corrected



Right In: 317.365 $\pm$ 446.341 χ^2 /NDF: 22.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -927.749 $\pm$ 431.980 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

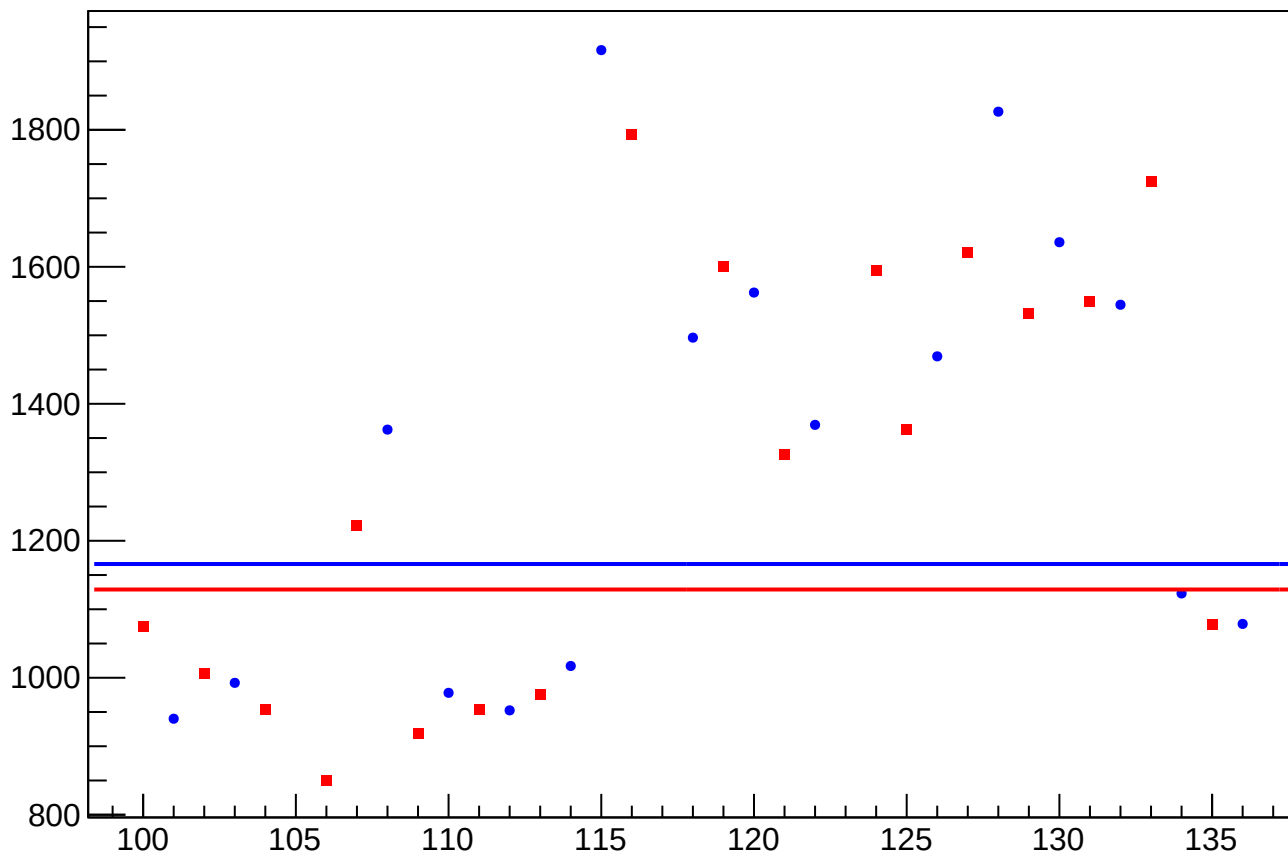
Right: -325.545 $\pm$ 310.409 χ^2 /NDF: 40.7/33

In: 317.365 $\pm$ 446.341 χ^2 /NDF:22.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -325.545 $\pm$ 310.409 χ^2 /NDF: 40.7/33

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: 1128.856+/-0.305 χ^2/NDF : 775510.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

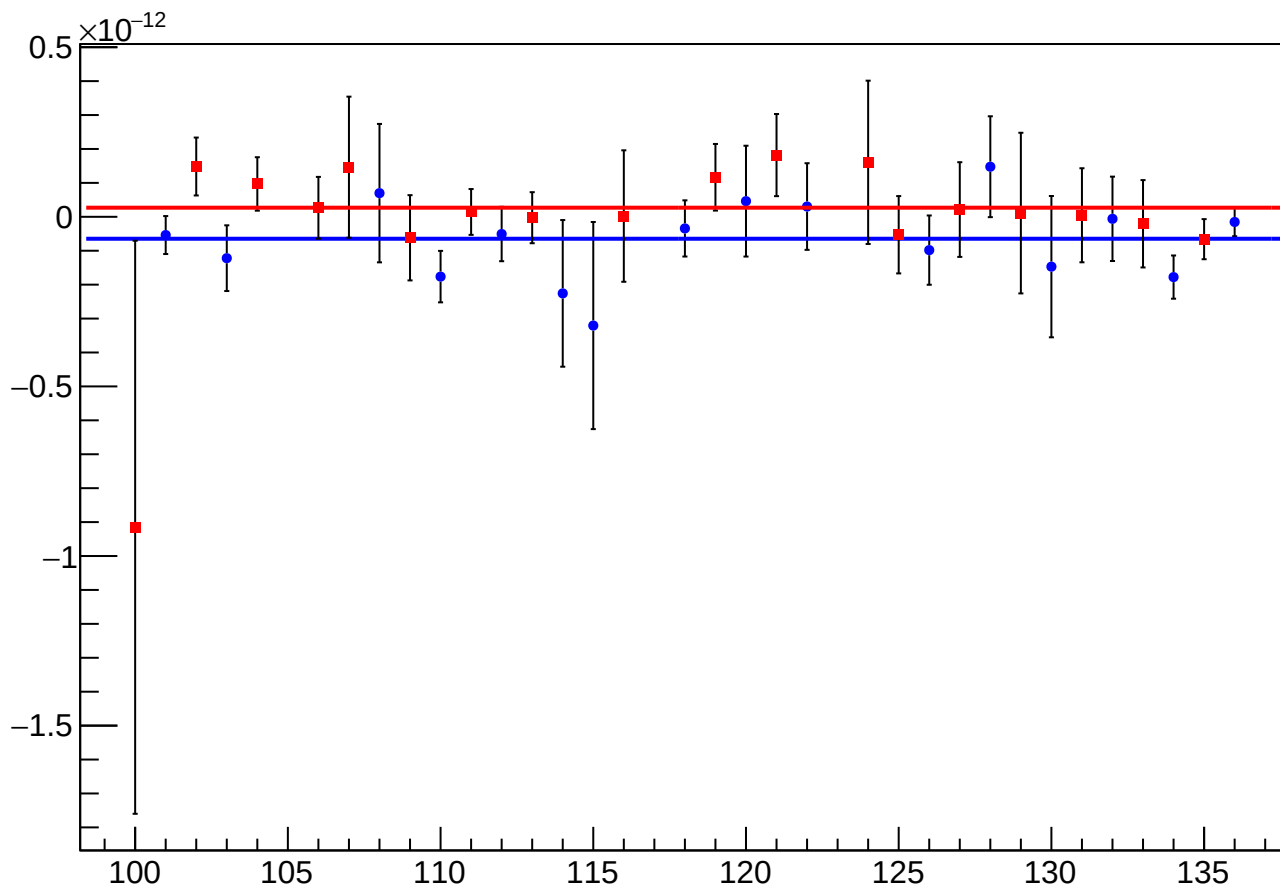
Right: 1146.848+/-0.219 χ^2/NDF : 1459746.9/33

In: 1166.056+/-0.316 χ^2/NDF : 677063.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1146.848+/-0.219 χ^2/NDF : 1459746.9/33

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: 11.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

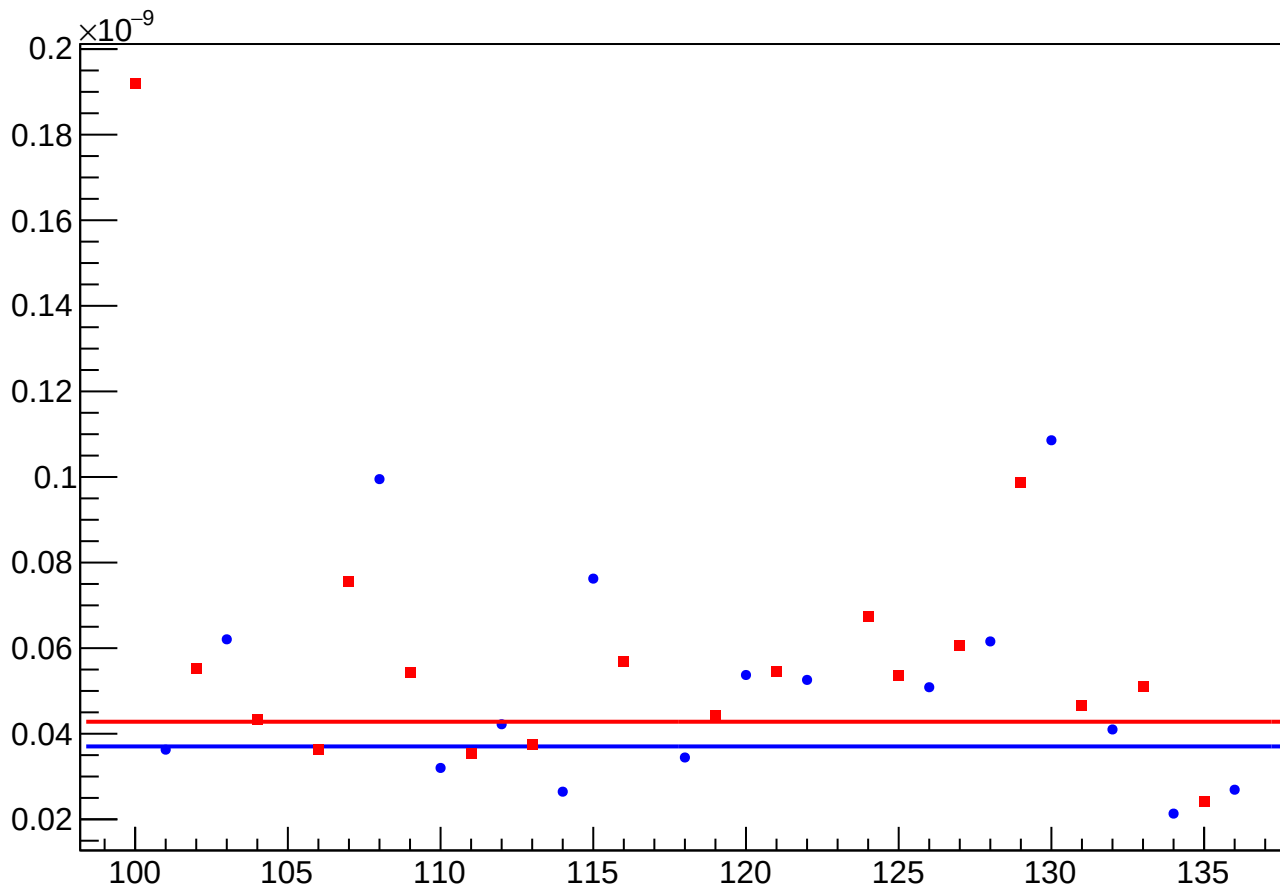
Right: -0.000+/-0.000 χ^2 /NDF: 31.3/33

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: 31.3/33

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 : 635971.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

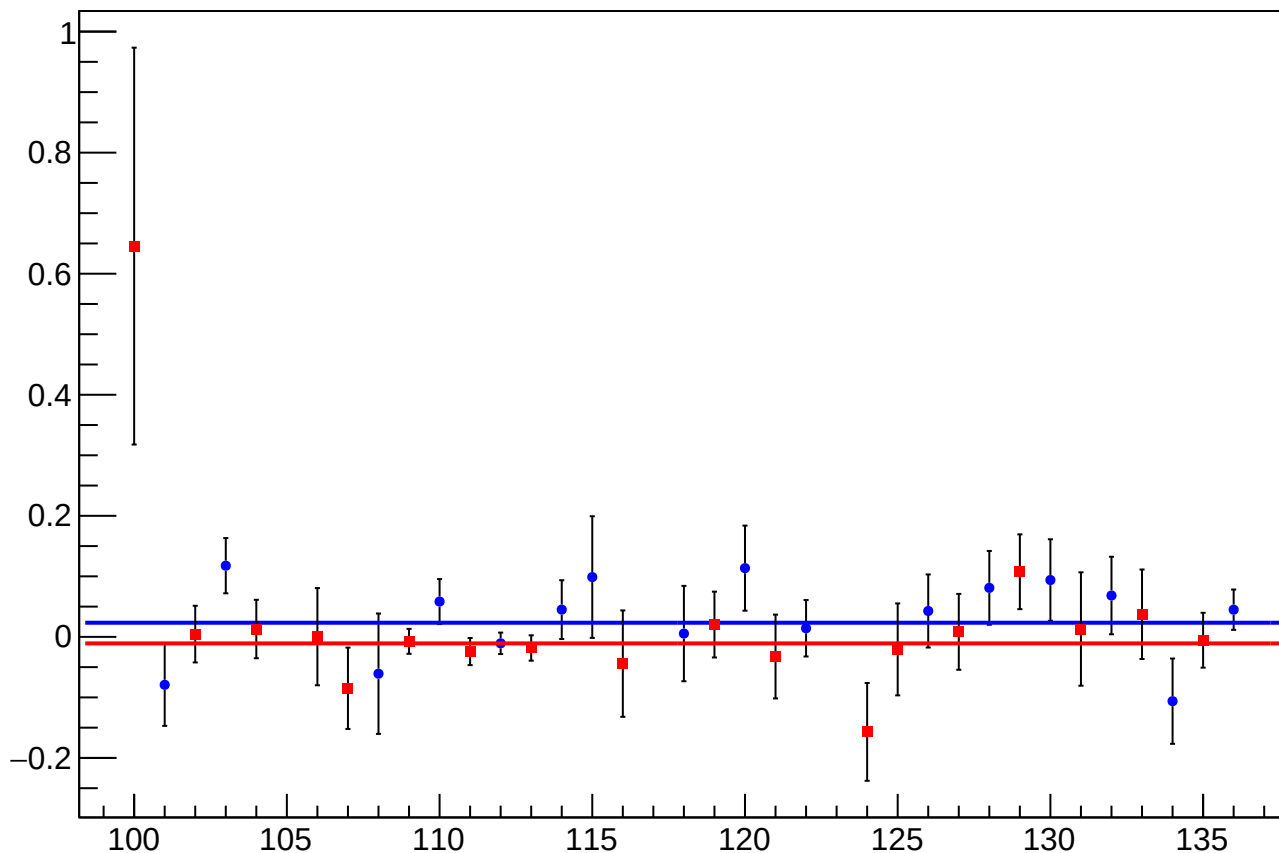
Right: 0.000+/-0.000 χ^2/NDF : 1693132.2/33

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 : 1693132.2/33

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 : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

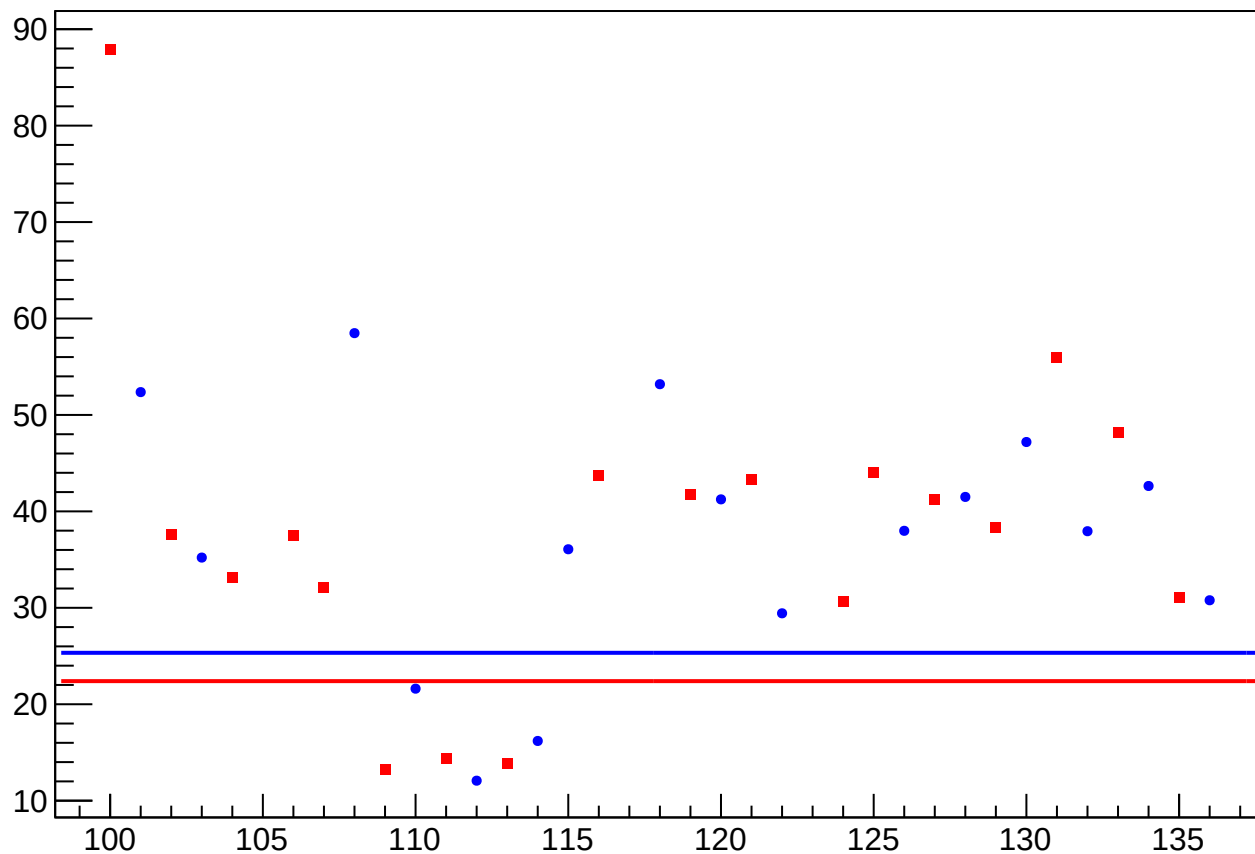
Right: 0.004+/-0.007 χ^2/NDF : 40.3/33

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 : 40.3/33

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: 22.397+/-0.007 χ^2/NDF : 3108437.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

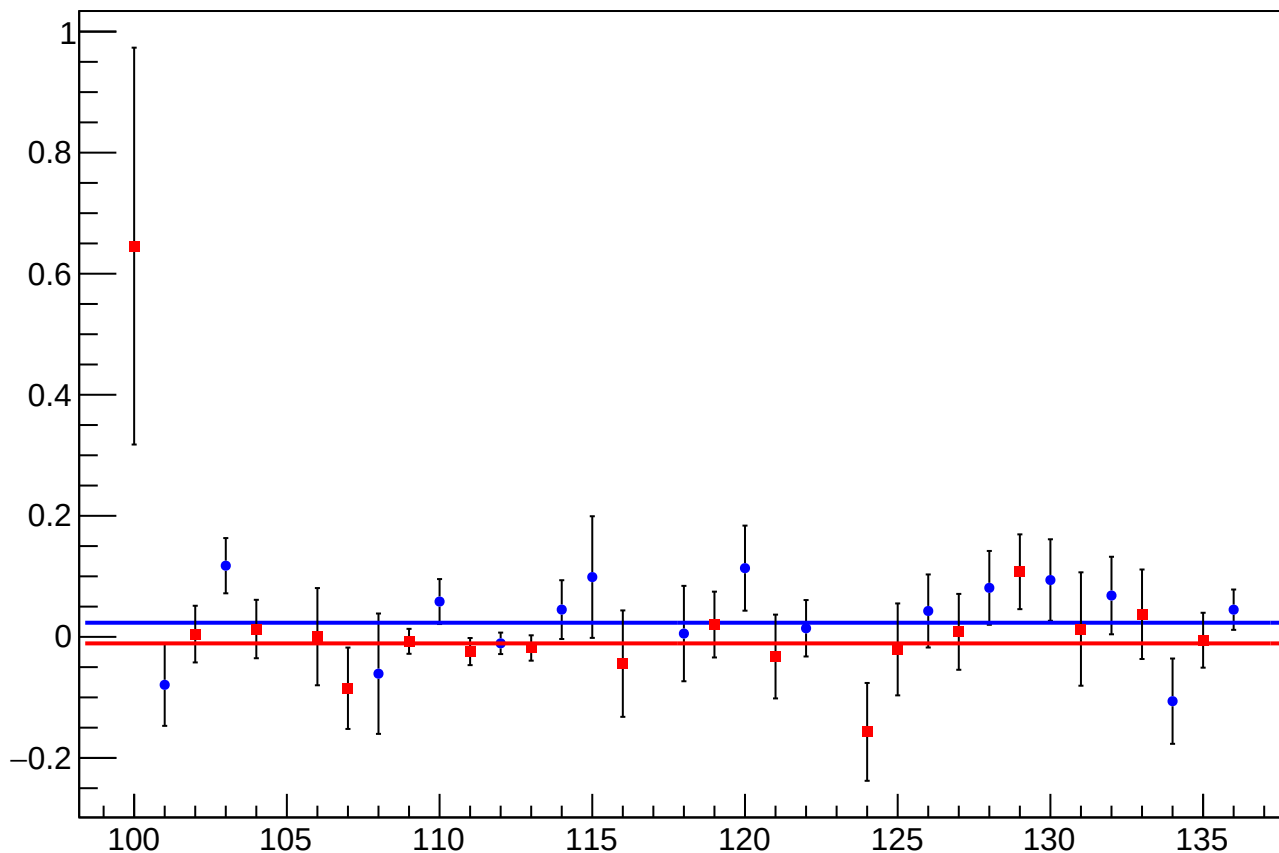
Right: 23.702+/-0.005 χ^2/NDF : 6111809.3/33

In: 25.334+/-0.008 χ^2/NDF :2925132.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.702+/-0.005 χ^2/NDF : 6111809.3/33

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 : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

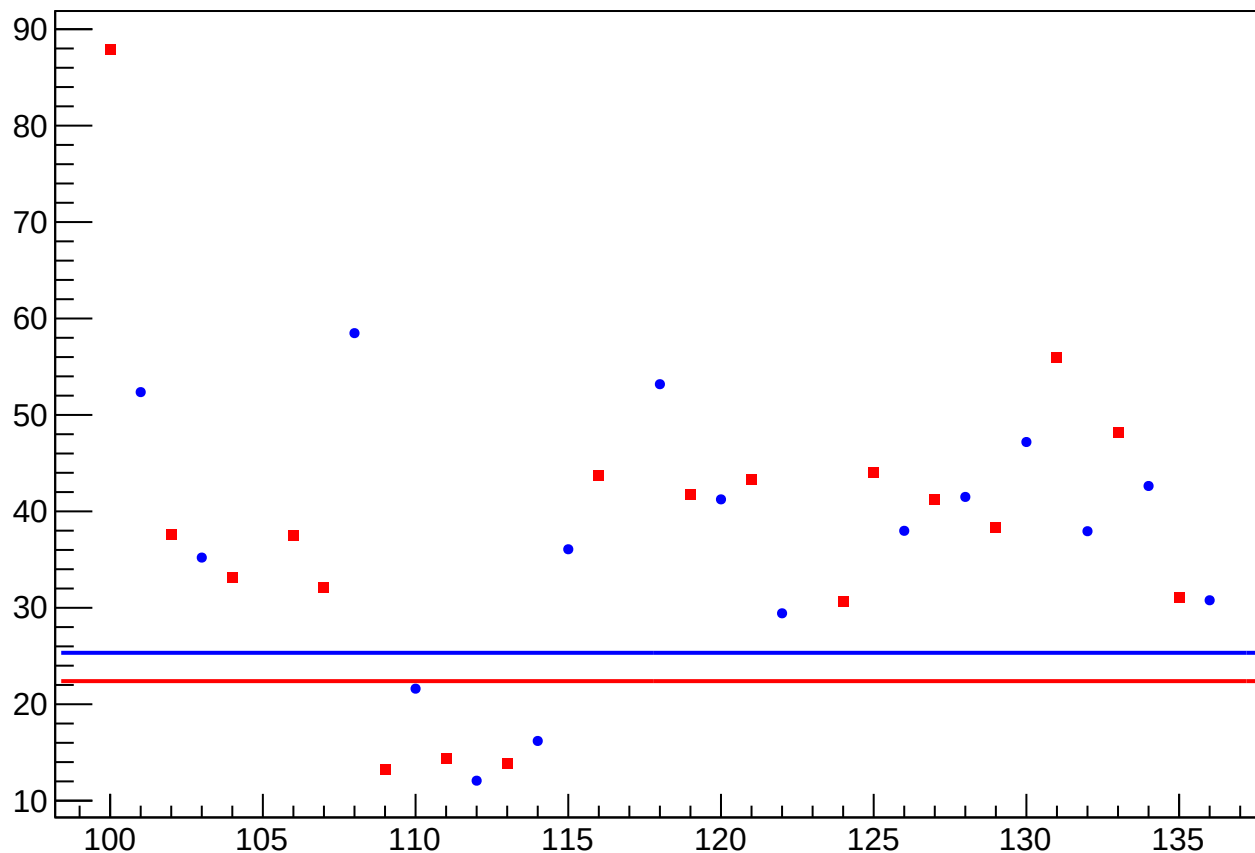
Right: 0.004+/-0.007 χ^2/NDF : 40.3/33

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 : 40.3/33

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: 22.397+/-0.007 χ^2/NDF : 3108437.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

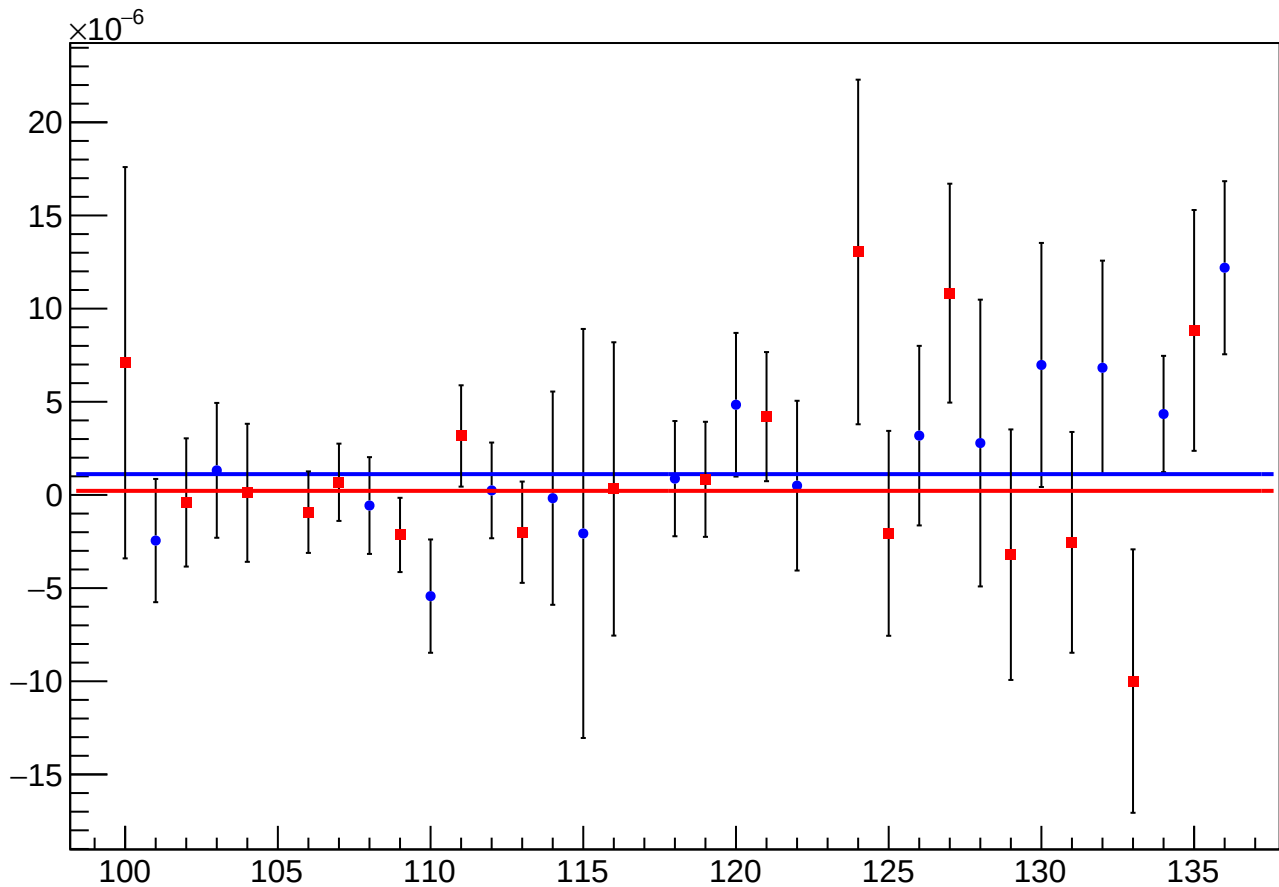
Right: 23.702+/-0.005 χ^2/NDF : 6111809.3/33

In: 25.334+/-0.008 χ^2/NDF :2925132.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.702+/-0.005 χ^2/NDF : 6111809.3/33

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 : 15.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

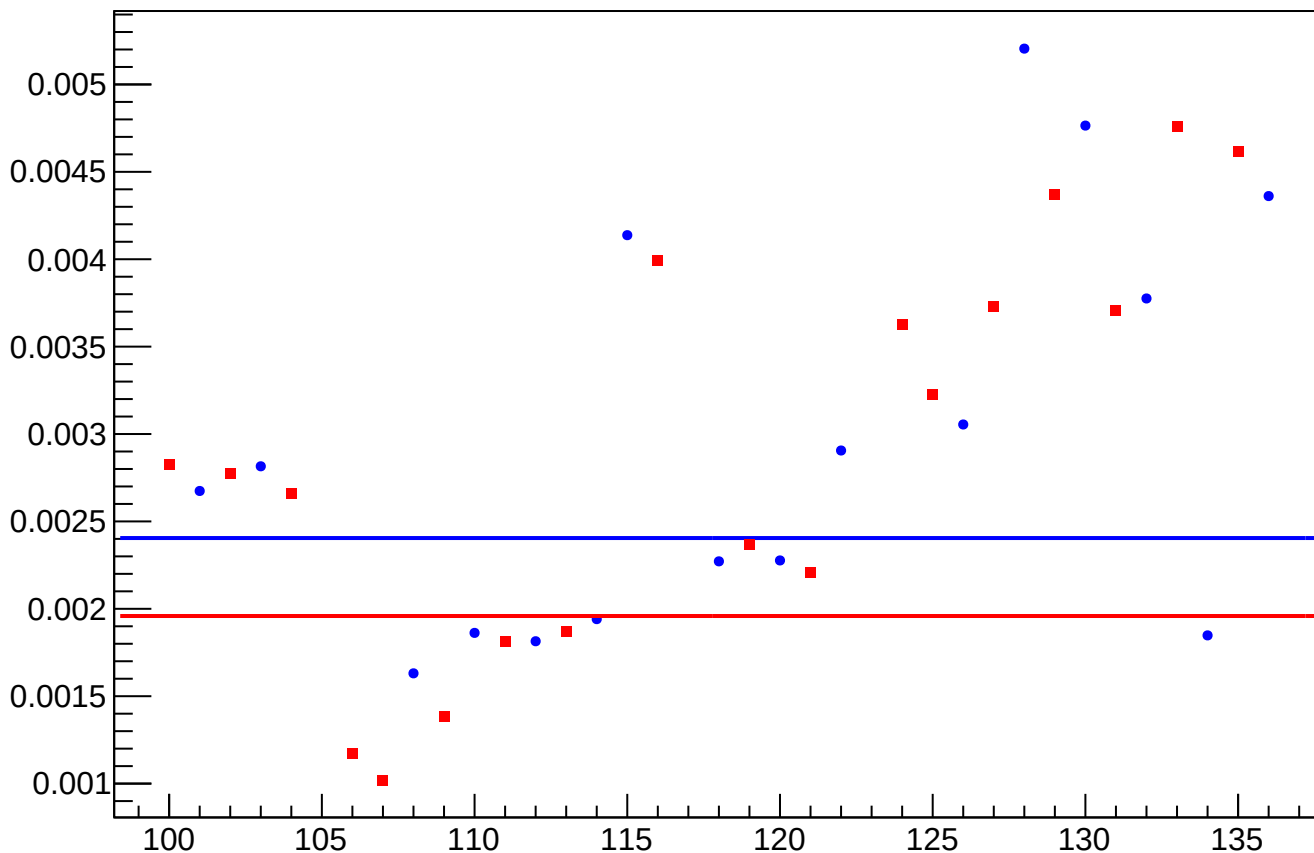
Right: 0.000+/-0.000 χ^2/NDF : 31.8/33

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 : 31.8/33

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 : 2658275.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

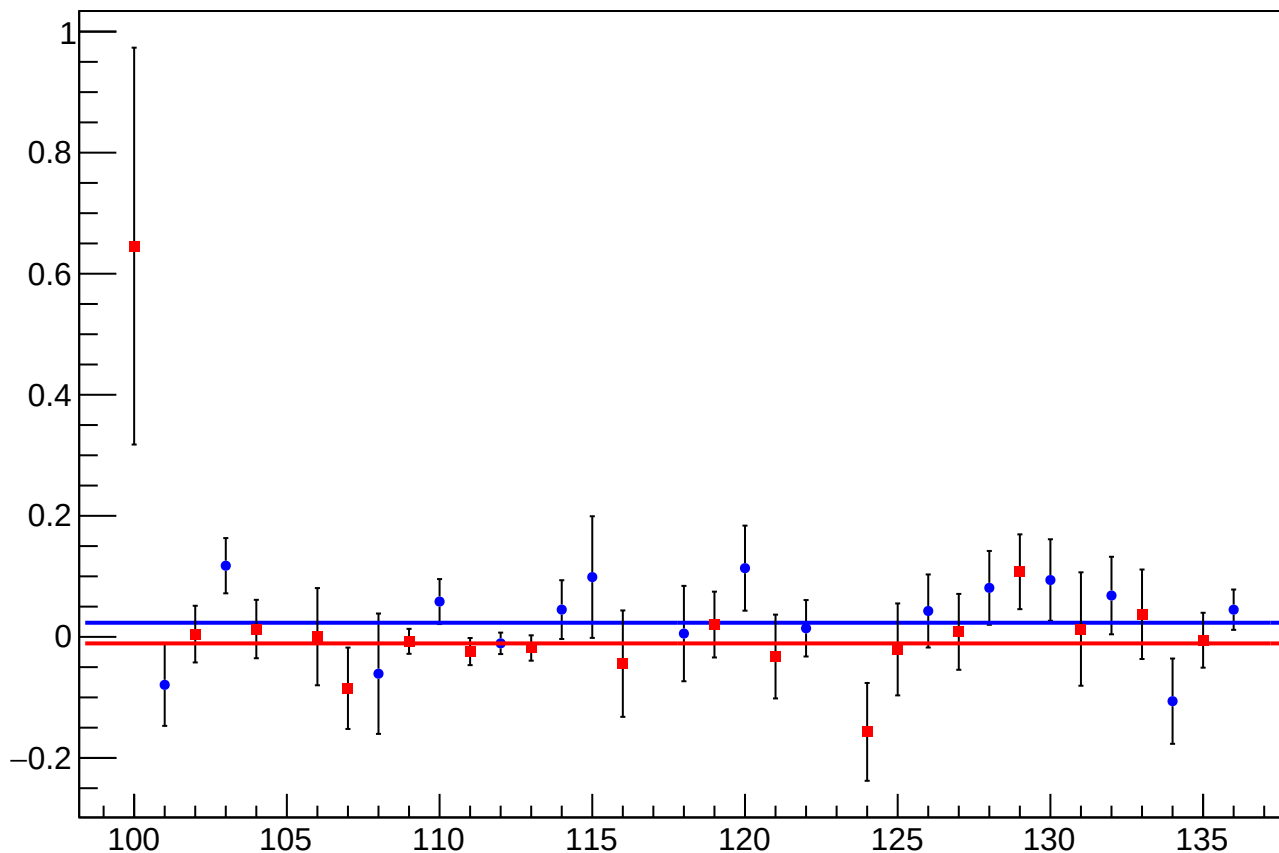
Right: 0.002+/-0.000 χ^2/NDF : 4482705.5/33

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 : 4482705.5/33

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 : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

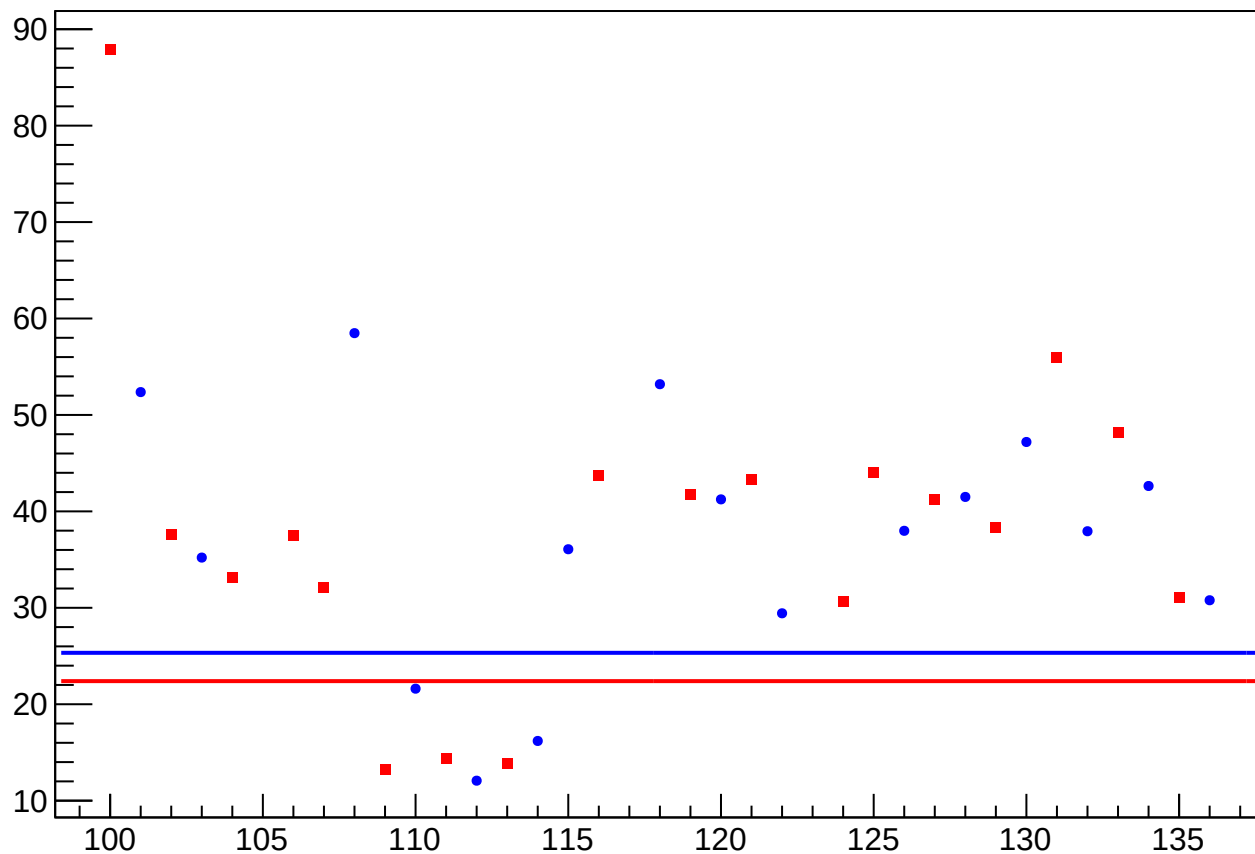
Right: 0.004+/-0.007 χ^2/NDF : 40.3/33

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 : 40.3/33

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: 22.396+/-0.007 χ^2/NDF : 3108576.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

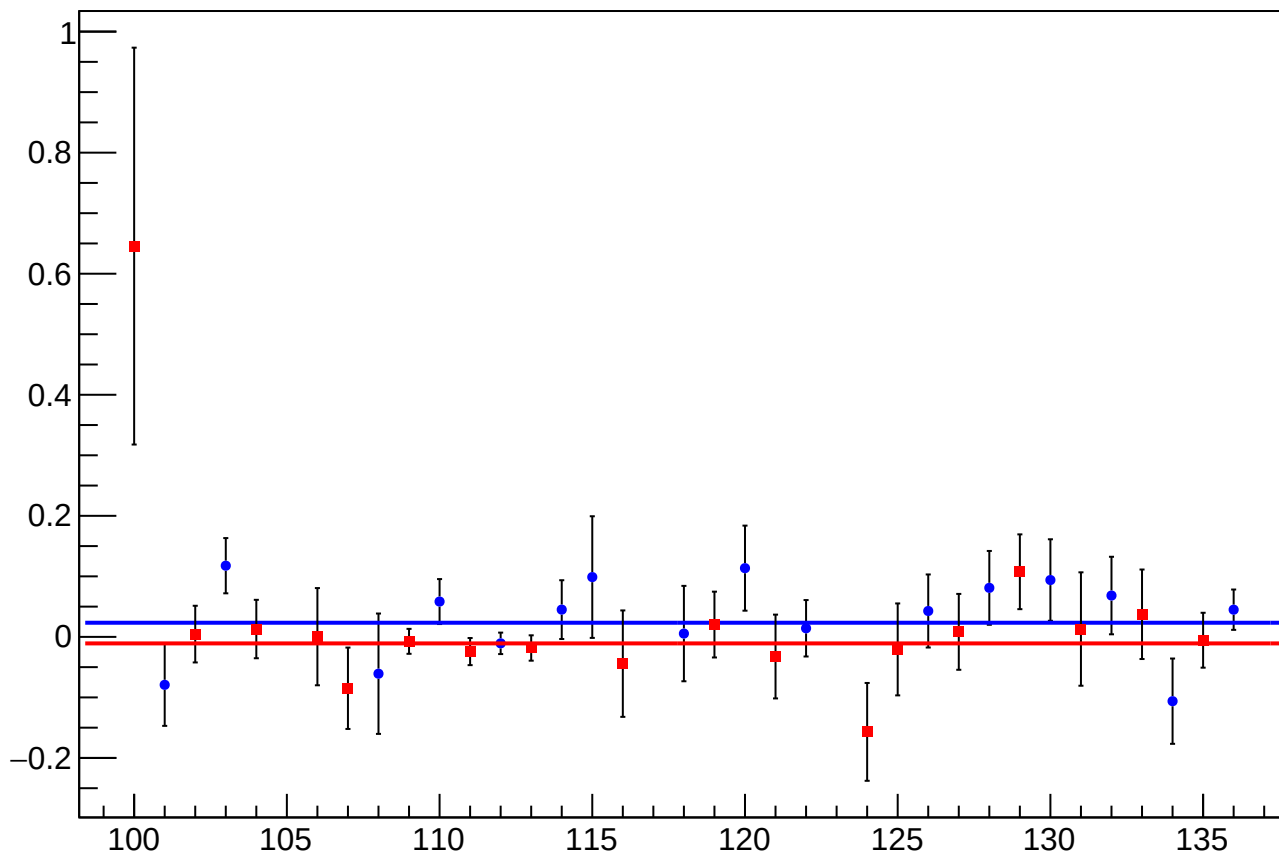
Right: 23.701+/-0.005 χ^2/NDF : 6112315.1/33

In: 25.332+/-0.008 χ^2/NDF : 2925549.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.701+/-0.005 χ^2/NDF : 6112315.1/33

asym_sam_48_dd_eigen_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 : 14.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

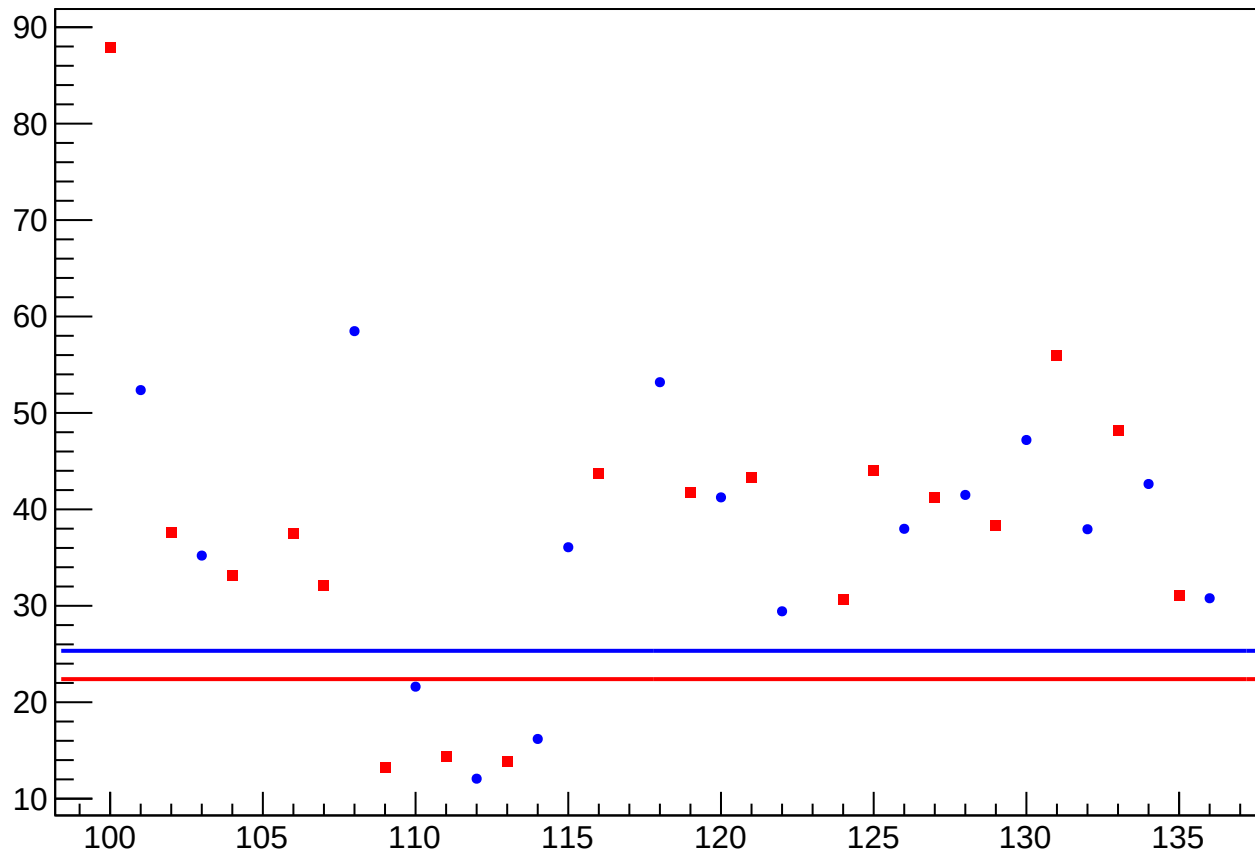
Right: 0.004+/-0.007 χ^2/NDF : 40.3/33

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 : 40.3/33

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: 22.396+/-0.007 χ^2/NDF : 3108576.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

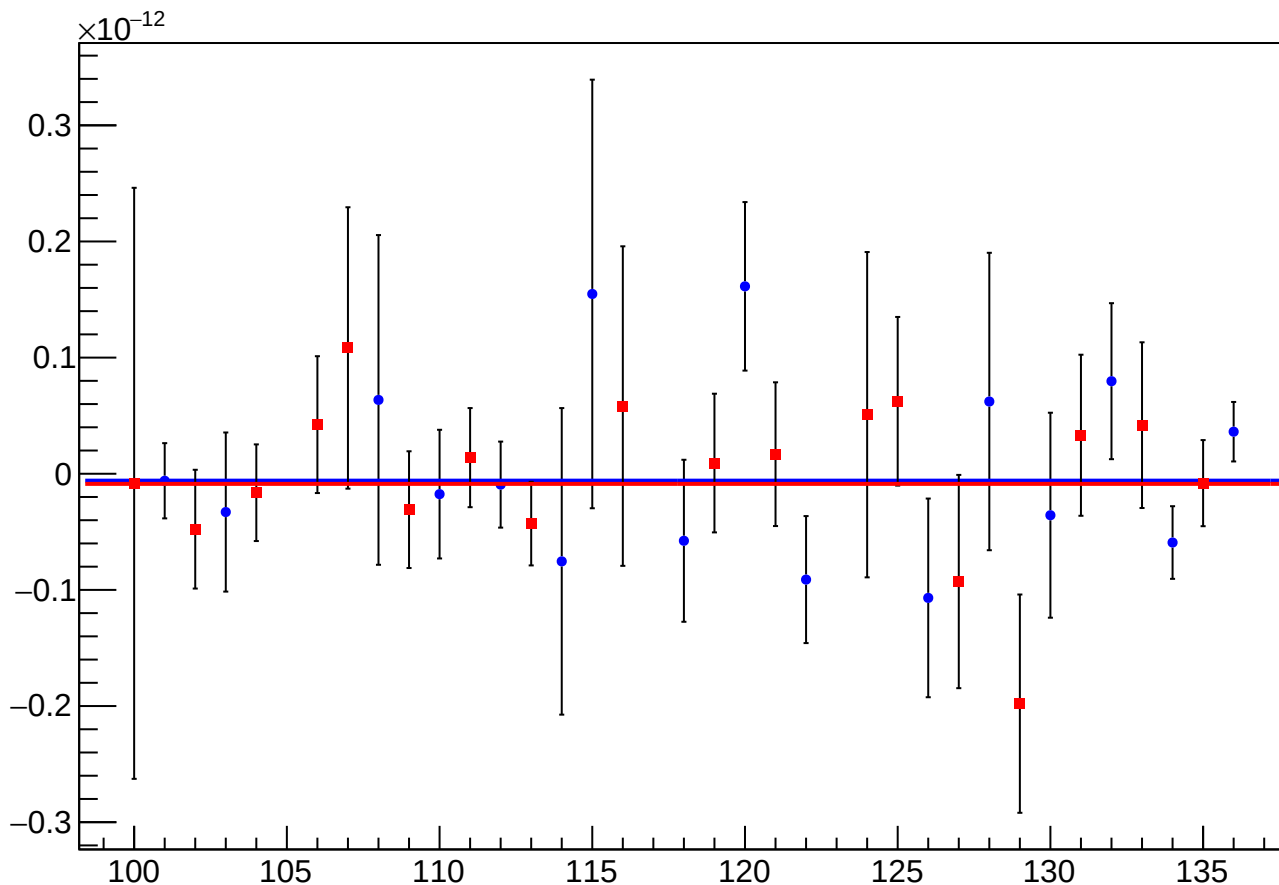
Right: 23.701+/-0.005 χ^2/NDF : 6112315.1/33

In: 25.332+/-0.008 χ^2/NDF : 2925549.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.701+/-0.005 χ^2/NDF : 6112315.1/33

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 : 11.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

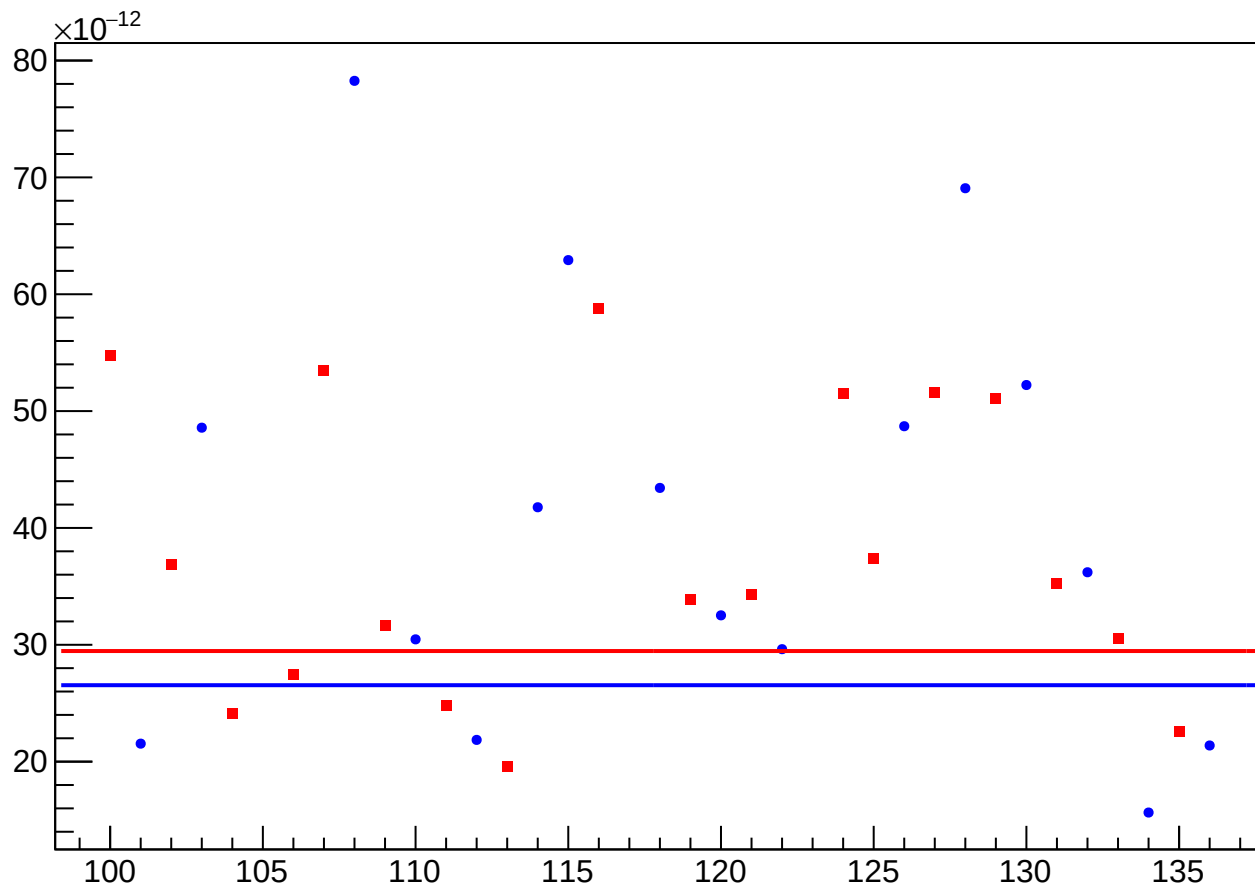
Right: -0.000+/-0.000 χ^2/NDF : 29.9/33

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 : 29.9/33

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 : 846664.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

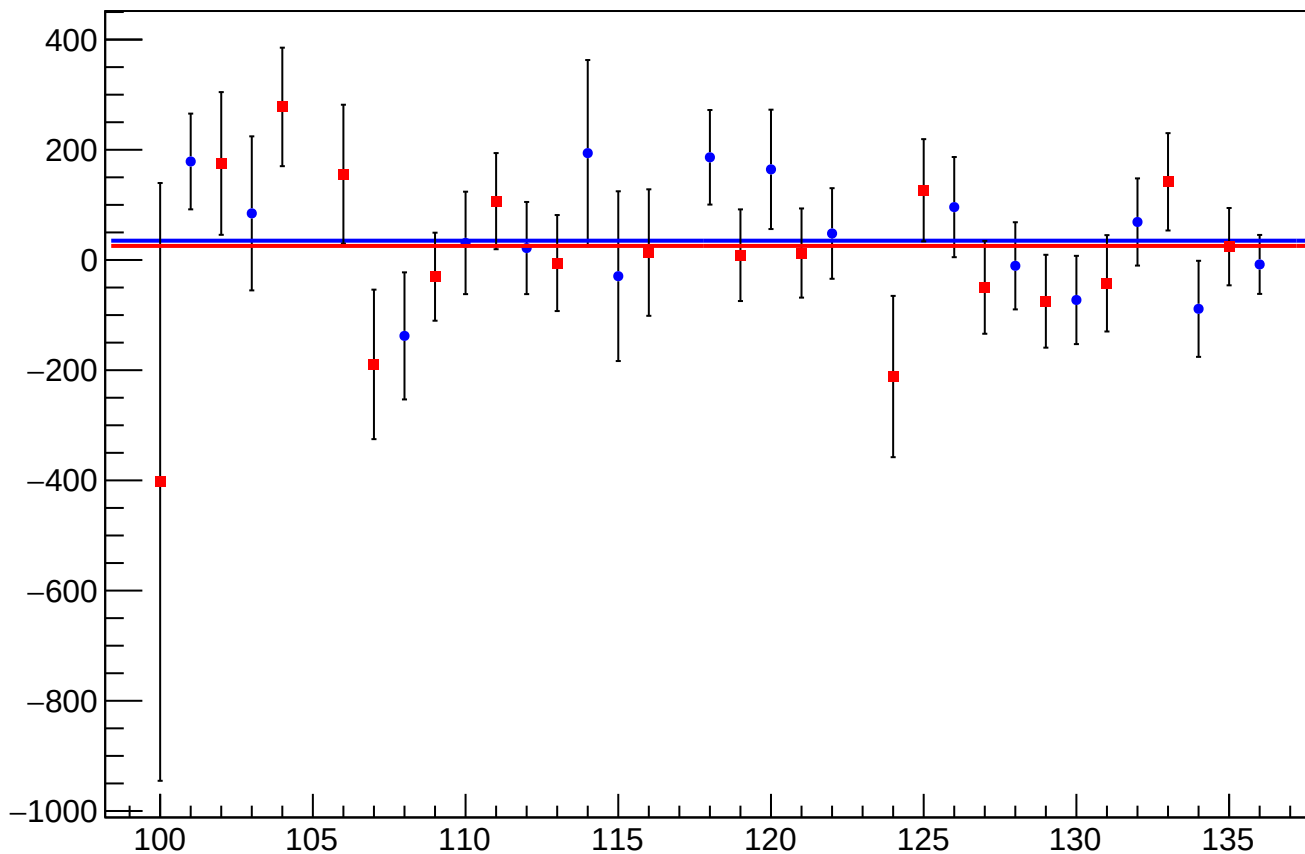
Right: 0.000+/-0.000 χ^2/NDF : 2588847.0/33

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 : 2588847.0/33

reg_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.018+/-22.134 χ^2/NDF : 16.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.530+/-22.549 χ^2/NDF : 21.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

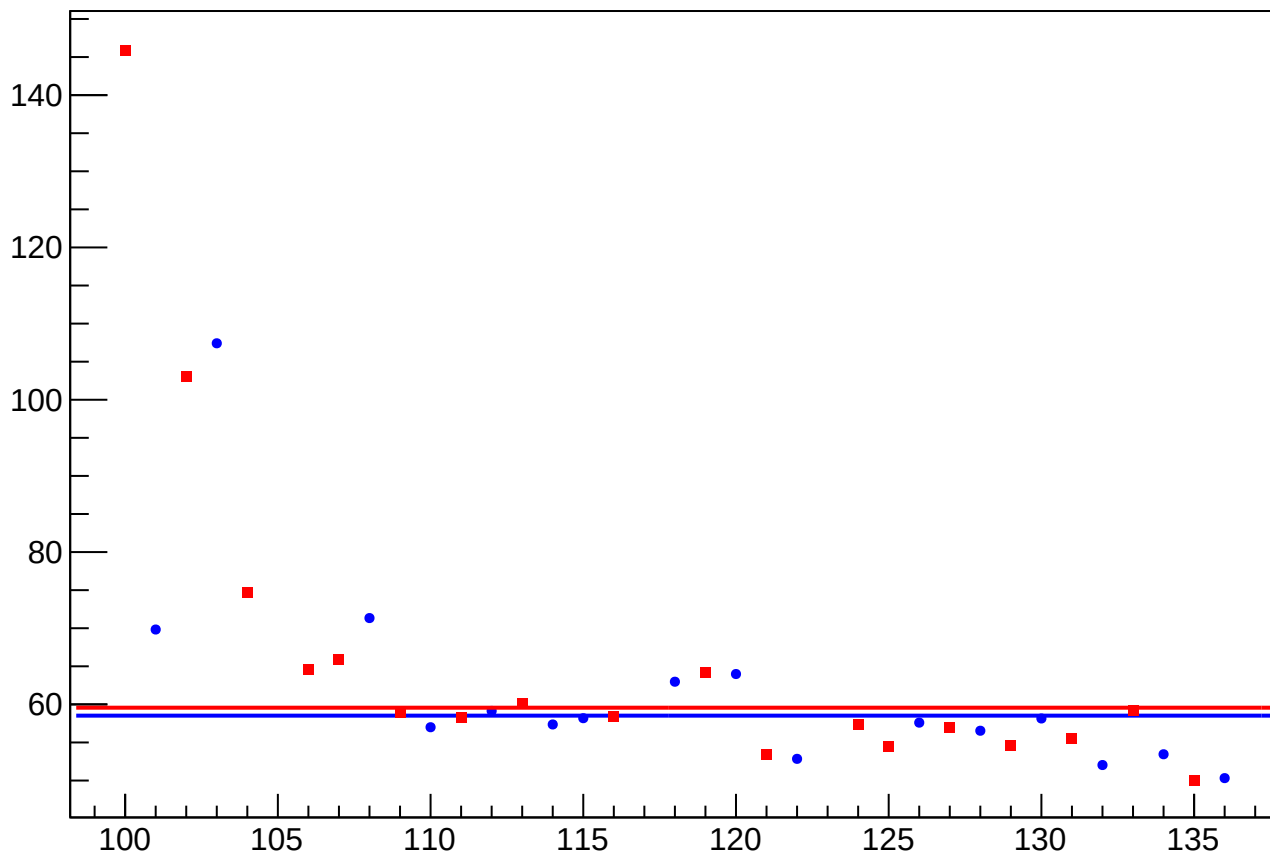
Right: 30.362+/-15.796 χ^2/NDF : 37.3/33

In: 35.018+/-22.134 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.362+/-15.796 χ^2/NDF : 37.3/33

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: 59.565+/-0.016 χ^2/NDF : 399044.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

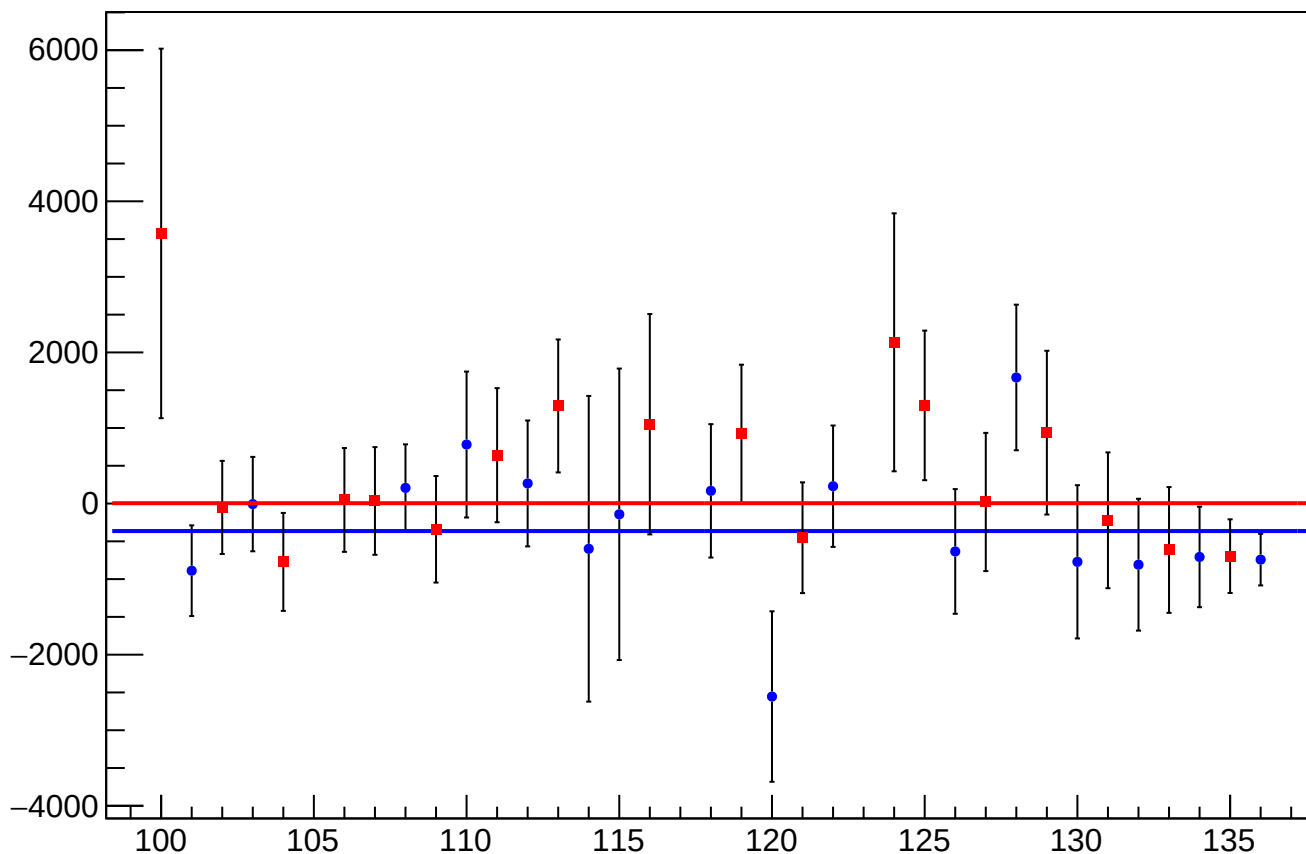
Right: 59.034+/-0.011 χ^2/NDF : 793968.6/33

In: 58.522+/-0.016 χ^2/NDF : 392742.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.034+/-0.011 χ^2/NDF : 793968.6/33

asym_sam_13_57_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -364.076+/-180.601 χ^2/NDF : 15.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.757+/-190.105 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

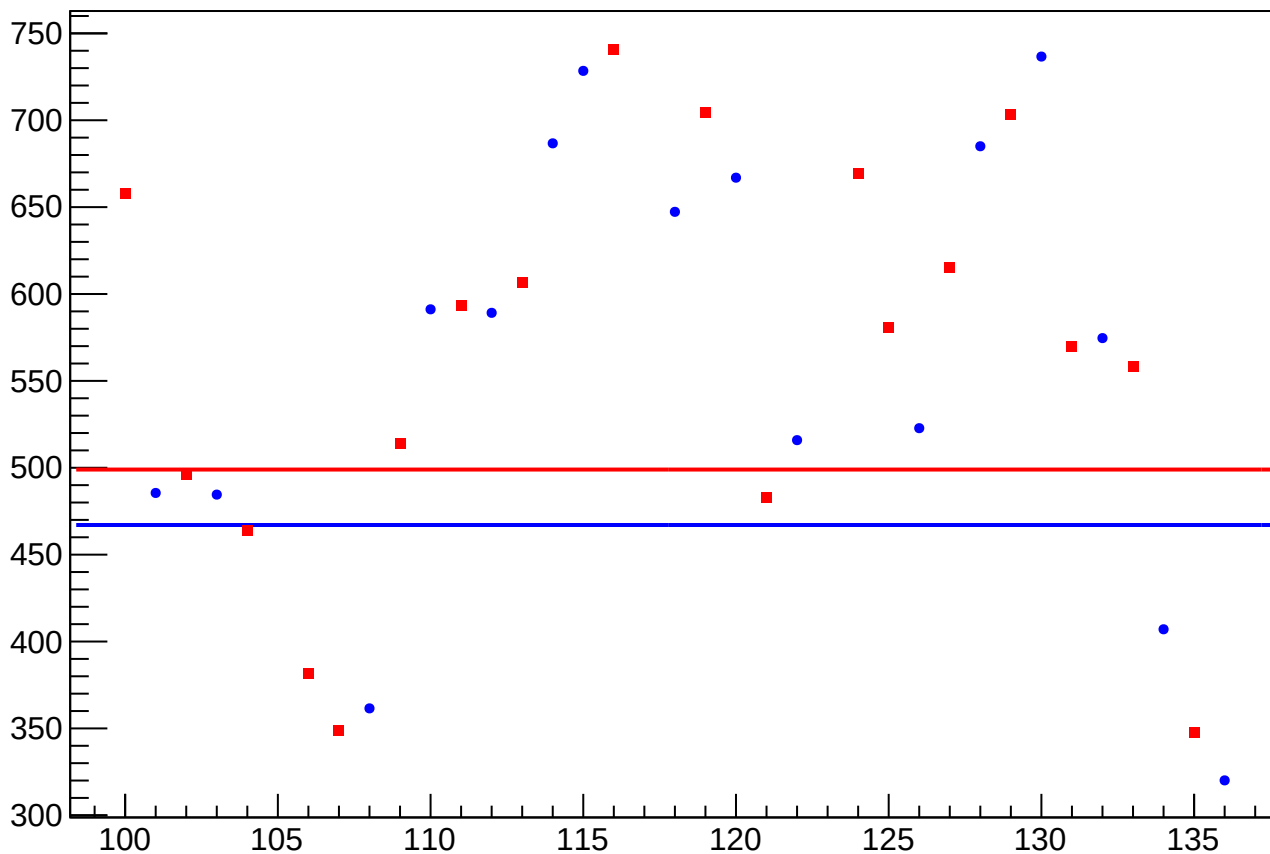
Right: -189.109+/-130.935 χ^2/NDF : 32.3/33

In: -364.076+/-180.601 χ^2/NDF : 15.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -189.109+/-130.935 χ^2/NDF : 32.3/33

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: 498.977+/-0.134 χ^2/NDF : 724556.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

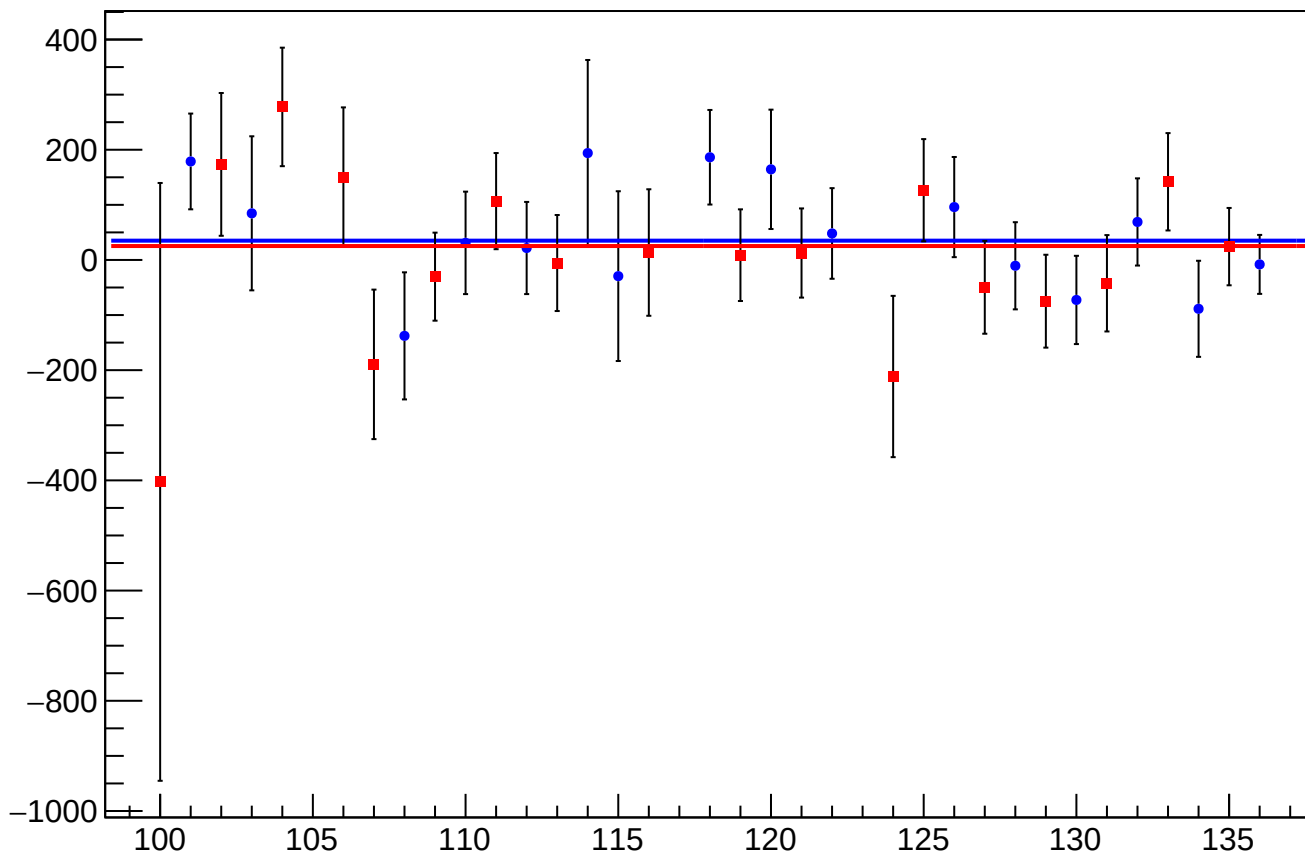
Right: 482.205+/-0.093 χ^2/NDF : 1784452.6/33

In: 467.068+/-0.128 χ^2/NDF : 1030279.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 482.205+/-0.093 χ^2/NDF : 1784452.6/33

cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.017 $\pm$ 22.134 χ^2 /NDF: 16.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.249 $\pm$ 22.554 χ^2 /NDF: 20.8/17

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

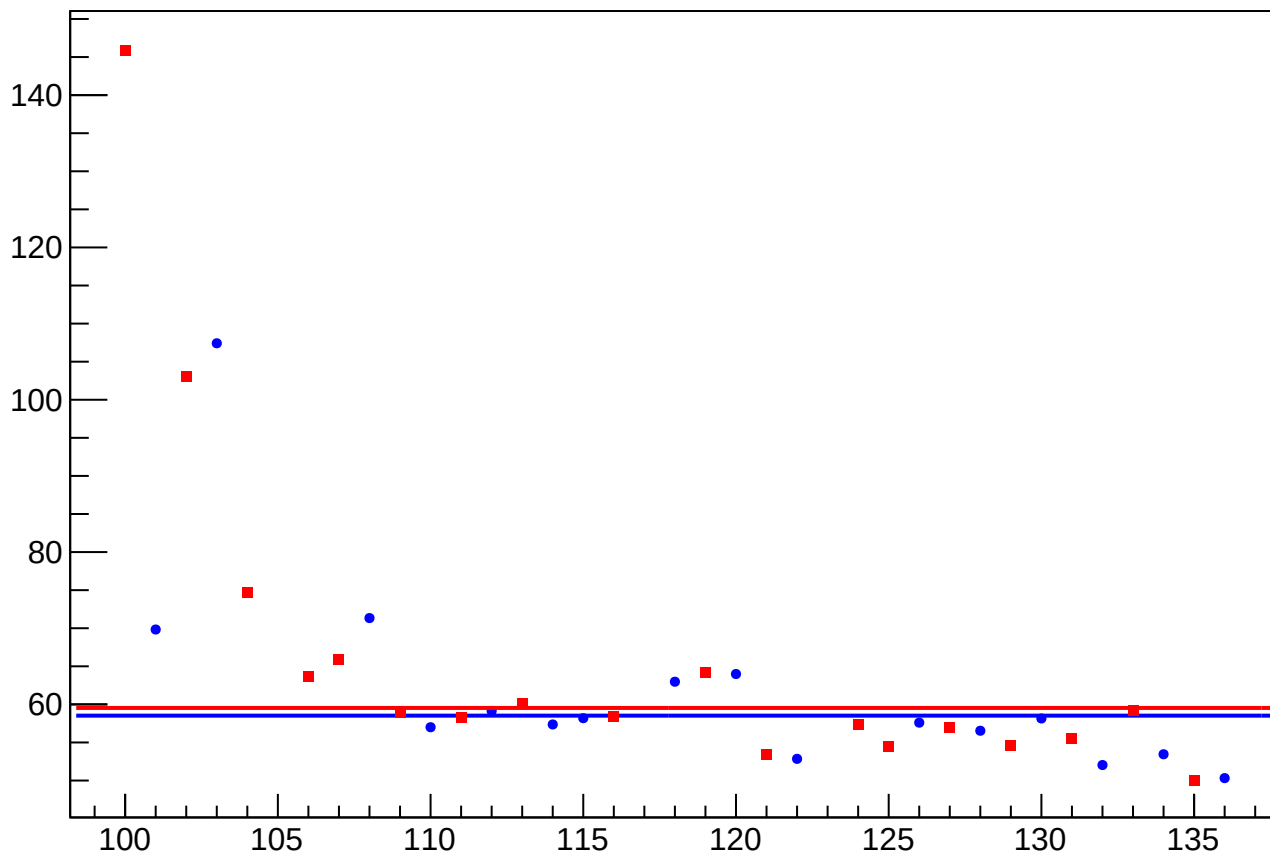
Right: 30.225 $\pm$ 15.798 χ^2 /NDF: 37.1/33

In: 35.017 $\pm$ 22.134 χ^2 /NDF:16.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.225 $\pm$ 15.798 χ^2 /NDF: 37.1/33

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: 59.532+/-0.016 χ^2/NDF : 398117.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

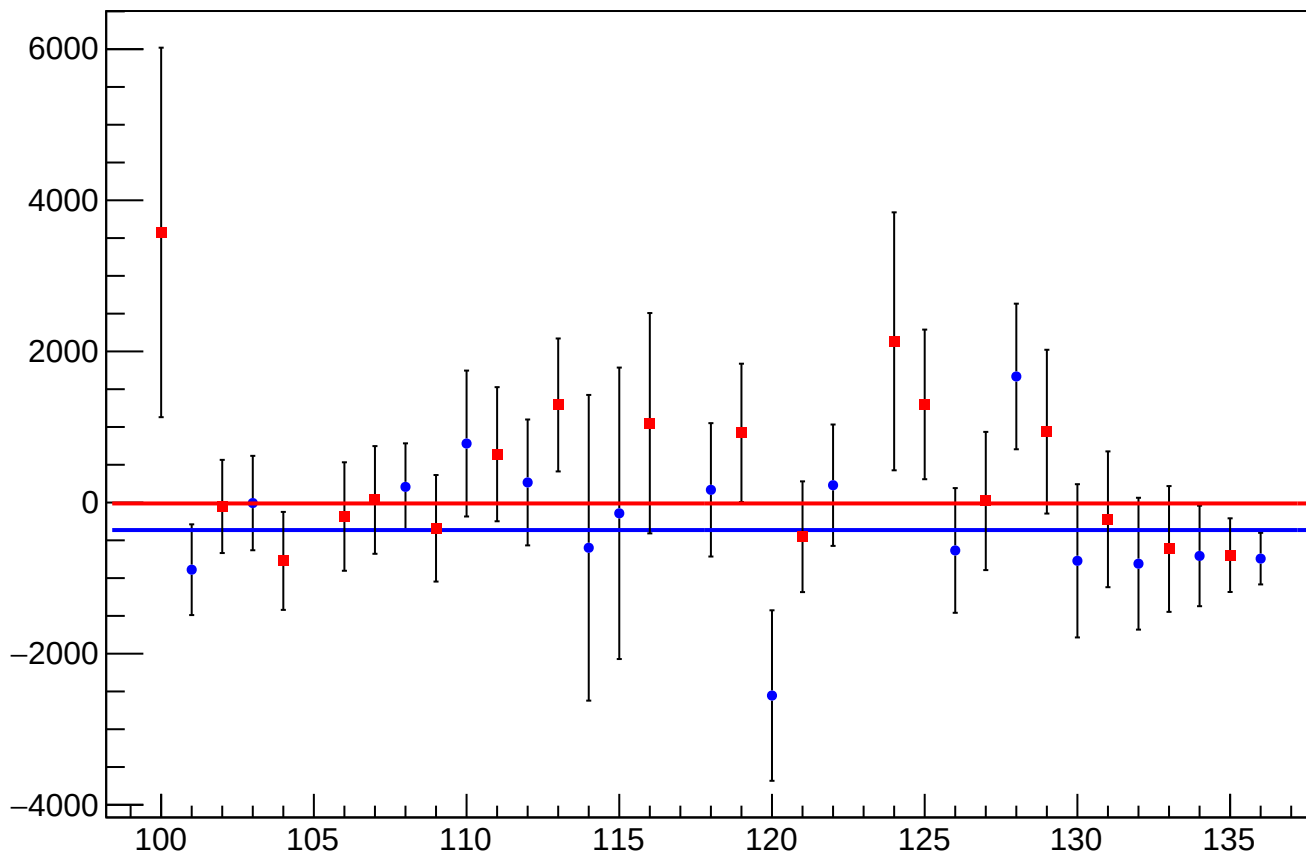
Right: 59.018+/-0.011 χ^2/NDF : 792908.0/33

In: 58.522+/-0.016 χ^2/NDF : 392744.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.018+/-0.011 χ^2/NDF : 792908.0/33

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: -11.945 $\pm$ 190.738 χ^2 /NDF: 15.1/17

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

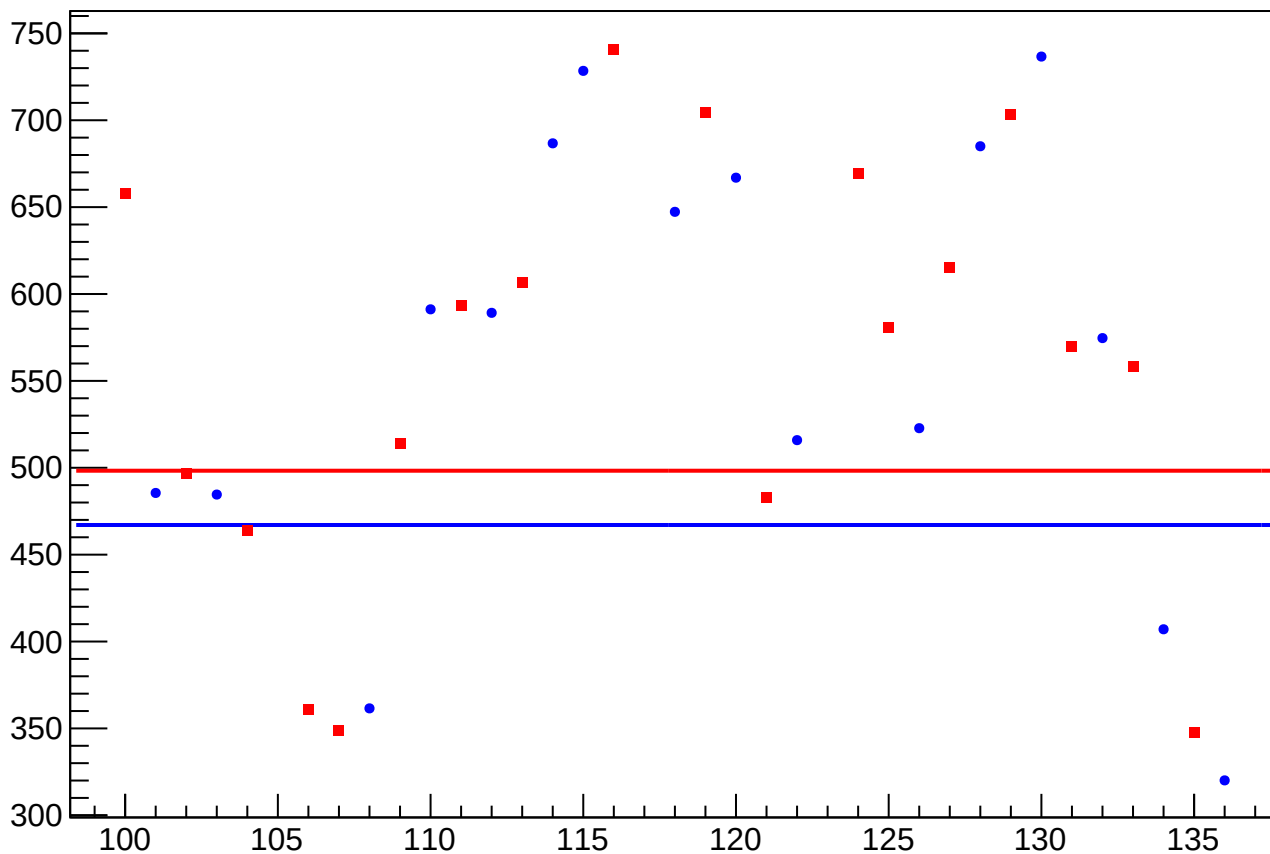
Right: -197.596 $\pm$ 131.142 χ^2 /NDF: 32.2/33

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: -197.596 $\pm$ 131.142 χ^2 /NDF: 32.2/33

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: 498.307+/-0.135 χ^2/NDF : 740361.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

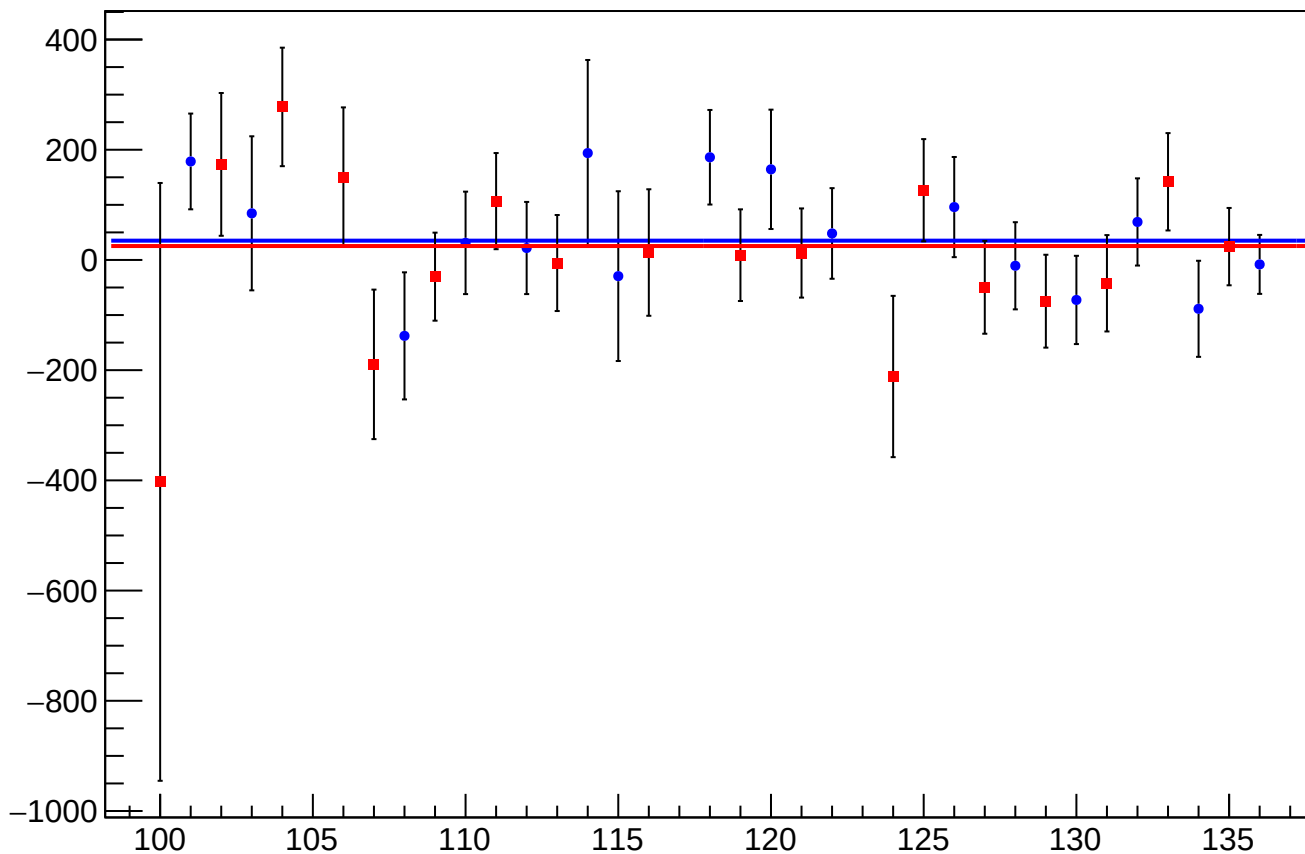
Right: 481.837+/-0.093 χ^2/NDF : 1798924.8/33

In: 467.071+/-0.128 χ^2/NDF :1030281.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 481.837+/-0.093 χ^2/NDF : 1798924.8/33

eigen_cor_asym_sam_13_57_dd_mean vs Slug, Sign Corrected



Right In: 35.017 $\pm$ 22.134 χ^2 /NDF: 16.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 25.249 $\pm$ 22.554 χ^2 /NDF: 20.8/17

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

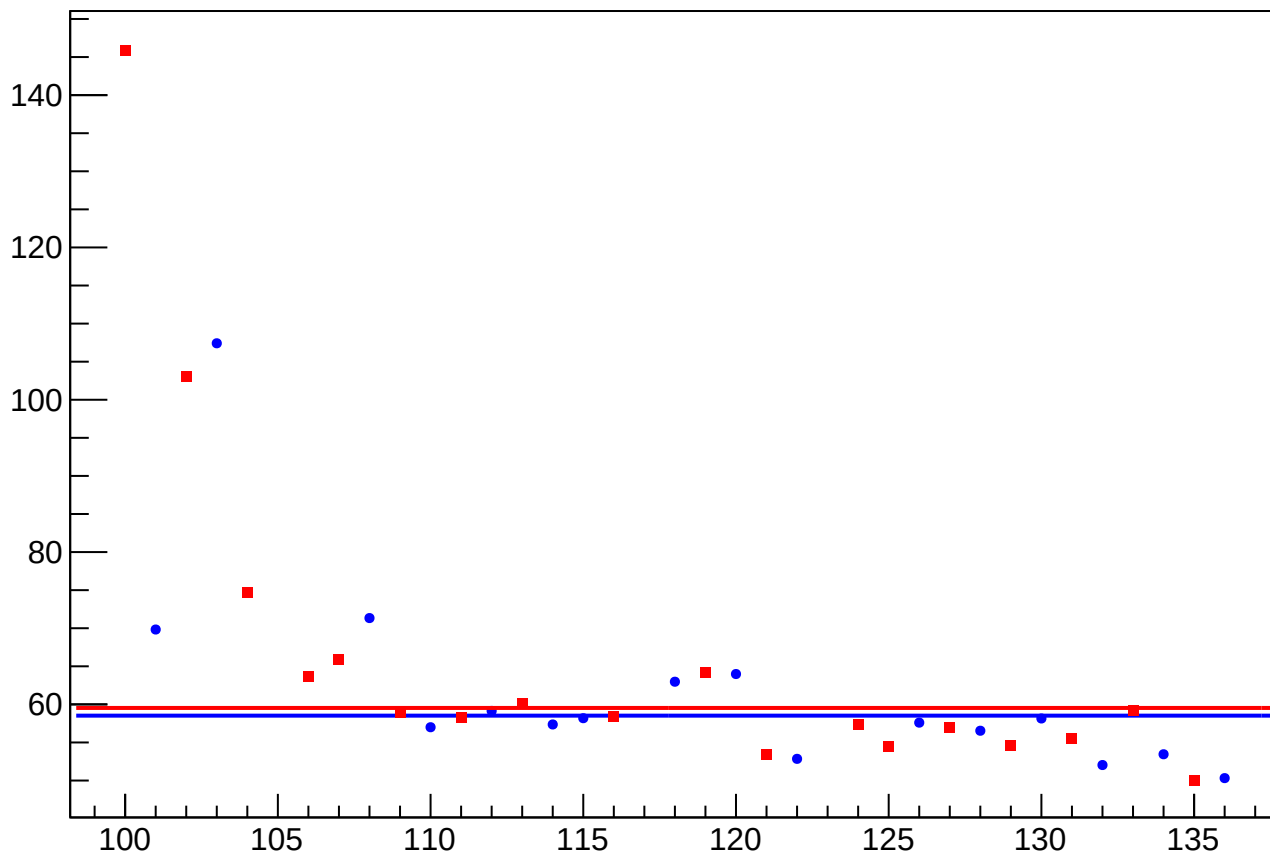
Right: 30.225 $\pm$ 15.798 χ^2 /NDF: 37.1/33

In: 35.017 $\pm$ 22.134 χ^2 /NDF:16.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.225 $\pm$ 15.798 χ^2 /NDF: 37.1/33

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: 59.532+/-0.016 χ^2/NDF : 398117.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

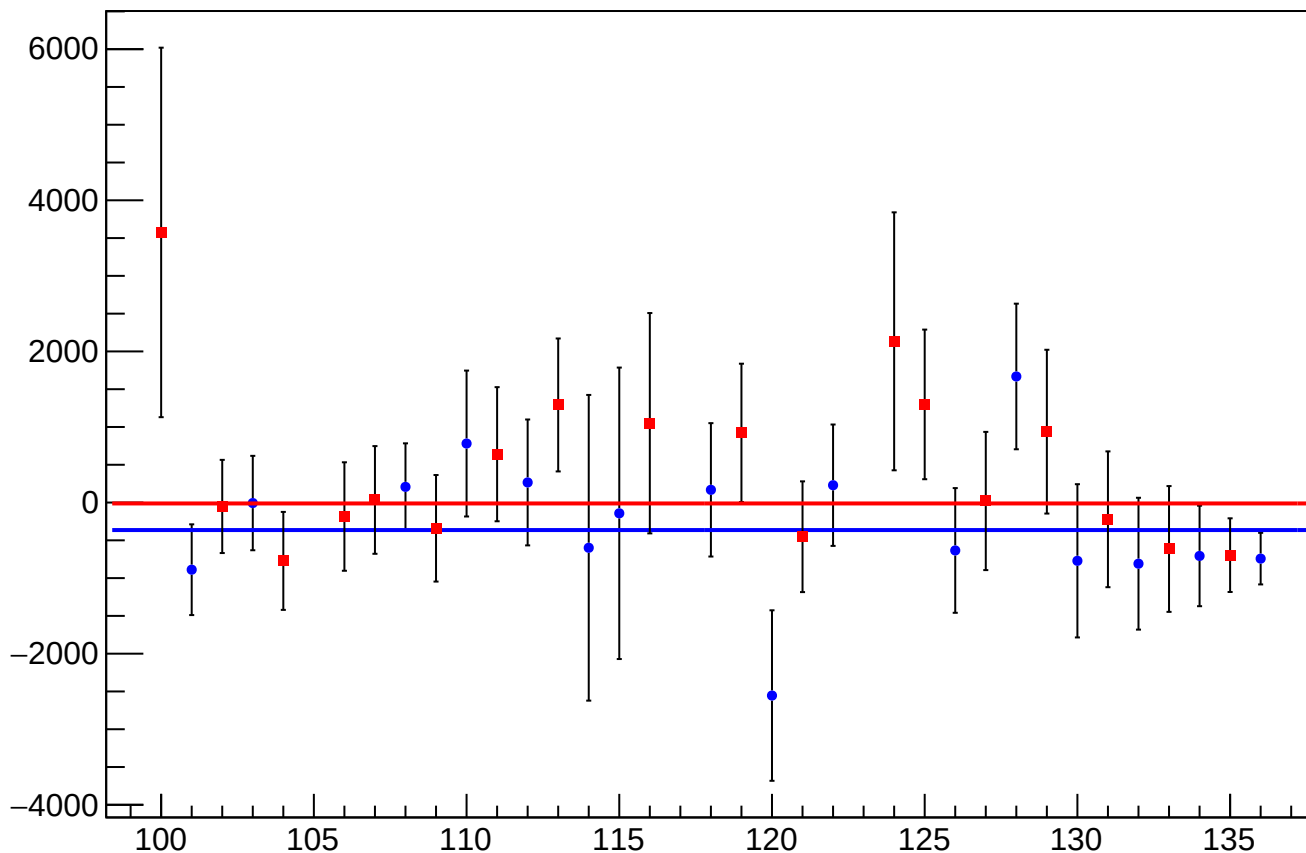
Right: 59.018+/-0.011 χ^2/NDF : 792908.0/33

In: 58.522+/-0.016 χ^2/NDF :392744.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 59.018+/-0.011 χ^2/NDF : 792908.0/33

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: -11.945 $\pm$ 190.738 χ^2 /NDF: 15.1/17

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

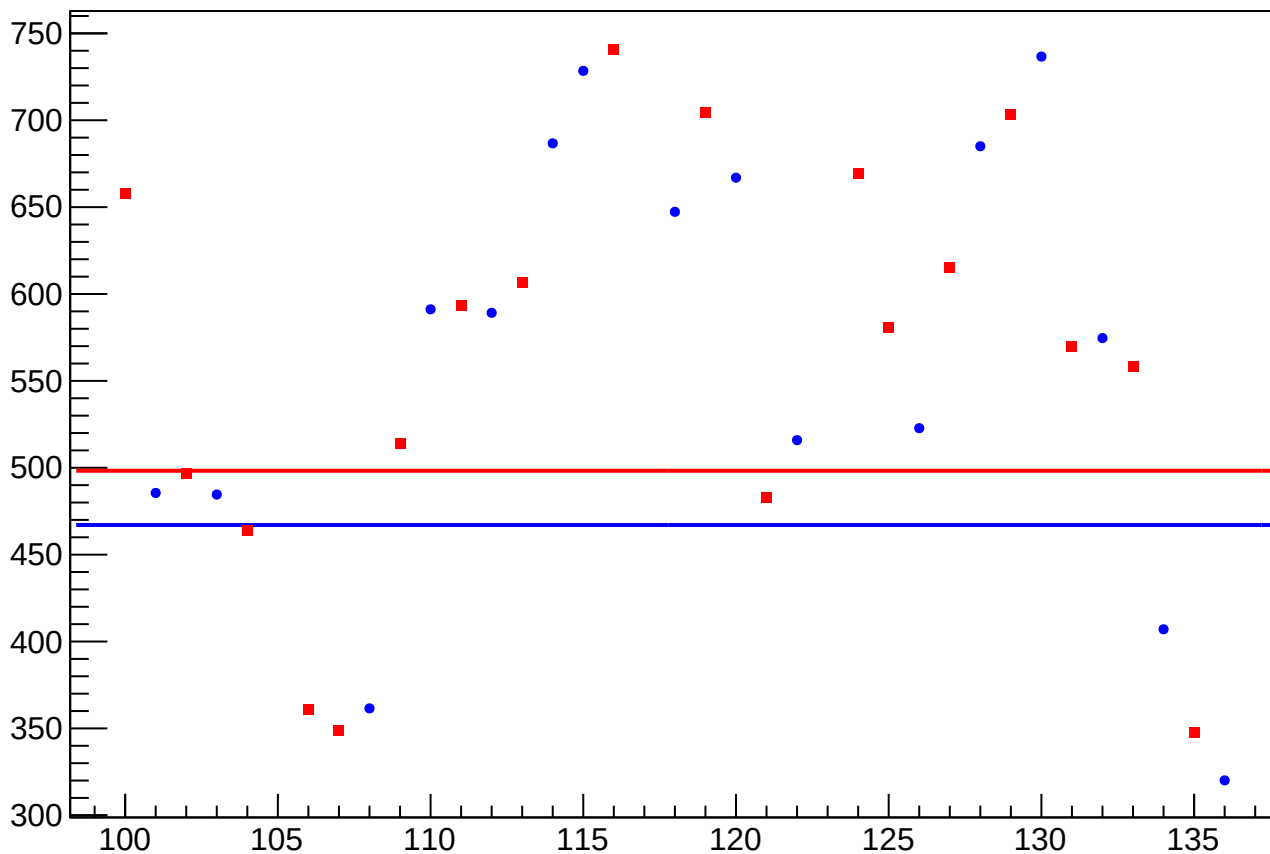
Right: -197.596 $\pm$ 131.142 χ^2 /NDF: 32.2/33

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: -197.596 $\pm$ 131.142 χ^2 /NDF: 32.2/33

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: 498.307+/-0.135 χ^2/NDF : 740361.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

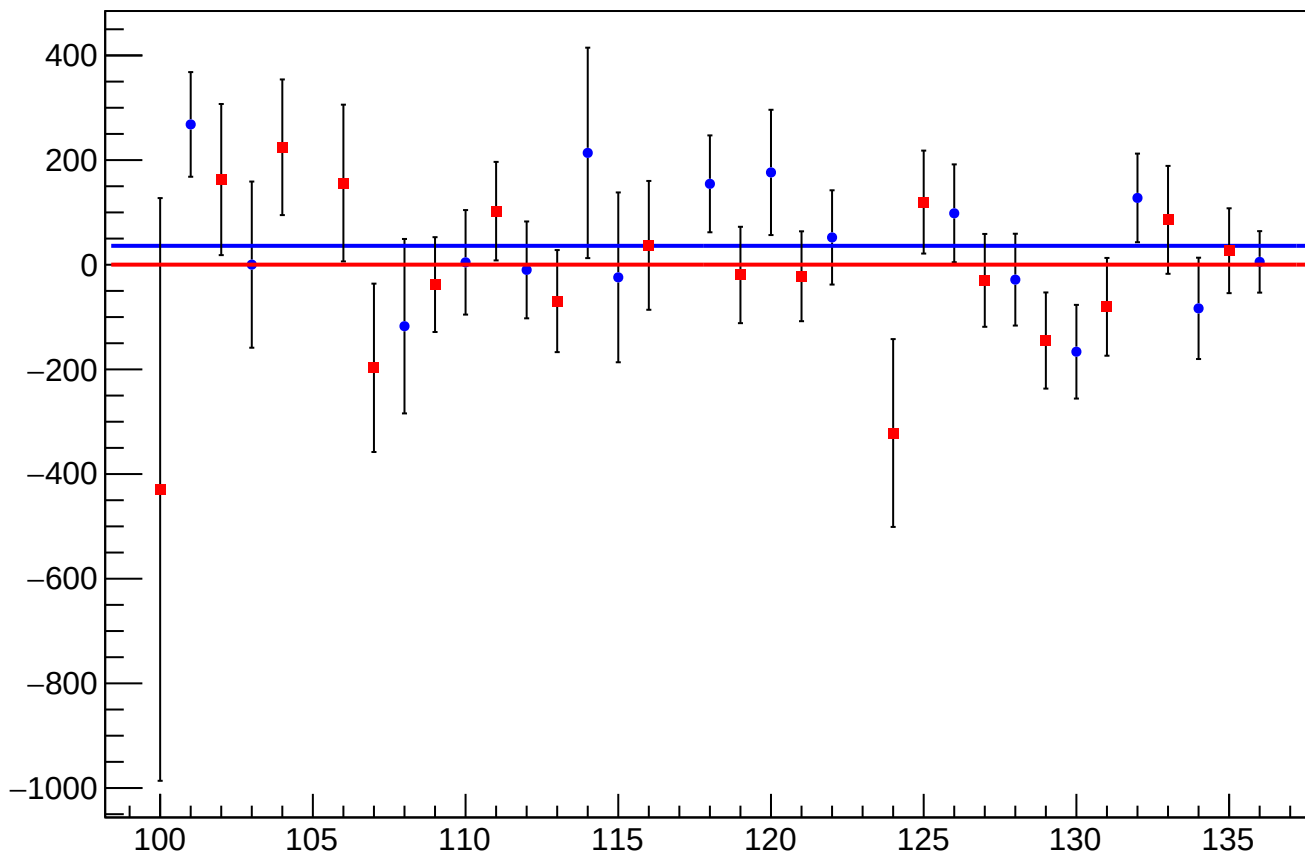
Right: 481.837+/-0.093 χ^2/NDF : 1798924.8/33

In: 467.071+/-0.128 χ^2/NDF : 1030281.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 481.837+/-0.093 χ^2/NDF : 1798924.8/33

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: 0.190 ± 25.049 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

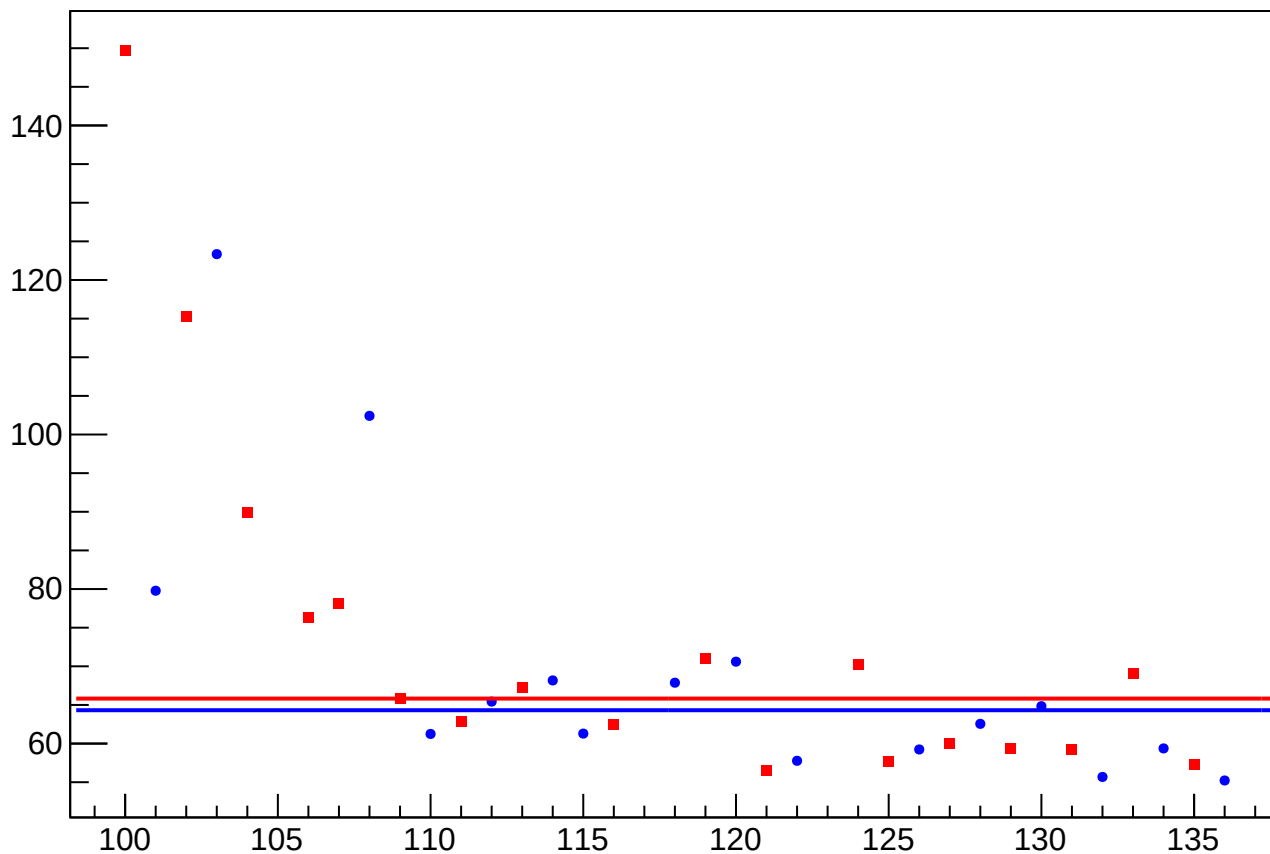
Right: 18.593 ± 17.504 χ^2/NDF : 39.1/33

In: 36.157 ± 24.471 χ^2/NDF : 19.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 18.593 ± 17.504 χ^2/NDF : 39.1/33

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: 65.824+/-0.018 χ^2/NDF : 471667.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

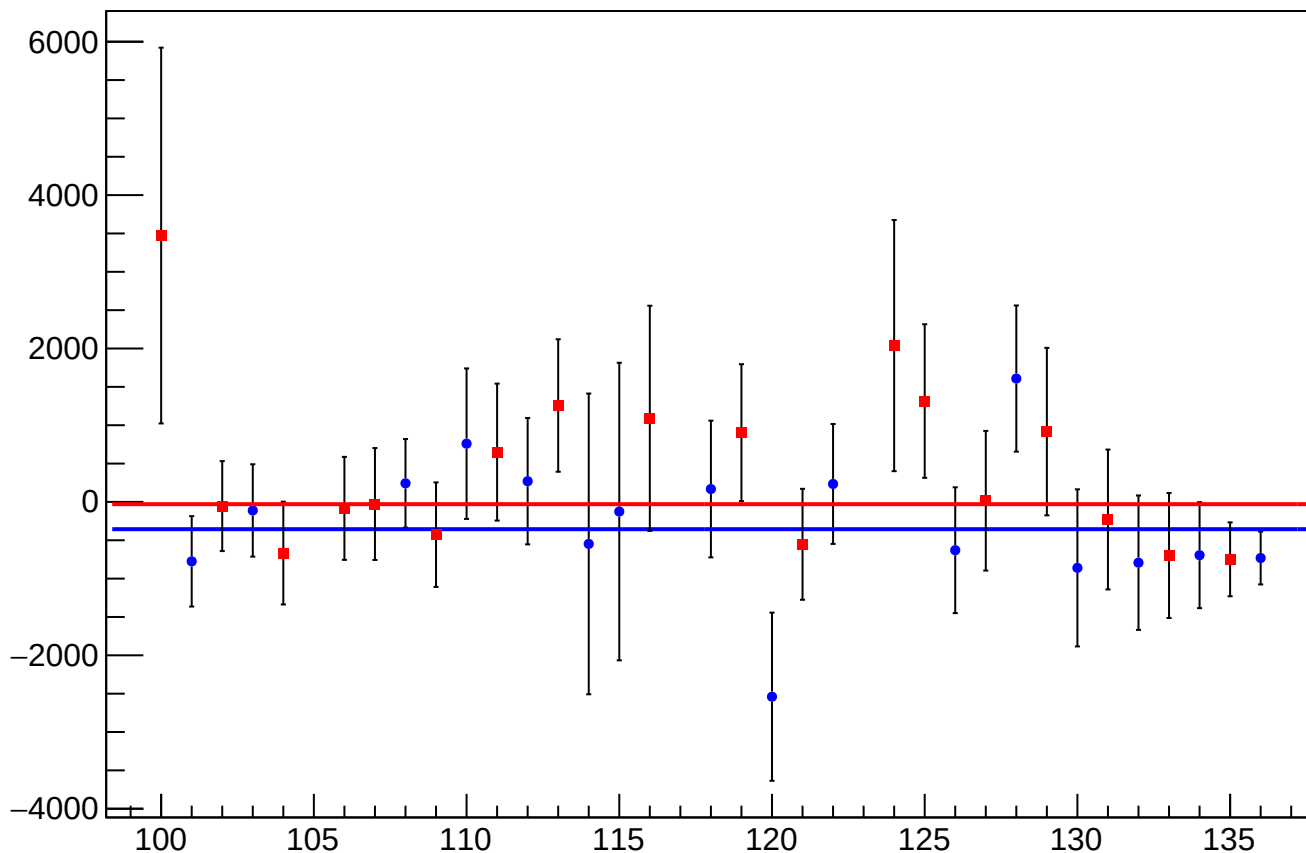
Right: 65.053+/-0.012 χ^2/NDF : 1007441.9/33

In: 64.316+/-0.017 χ^2/NDF : 532065.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.053+/-0.012 χ^2/NDF : 1007441.9/33

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: -29.495+/-188.265 χ^2/NDF : 15.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

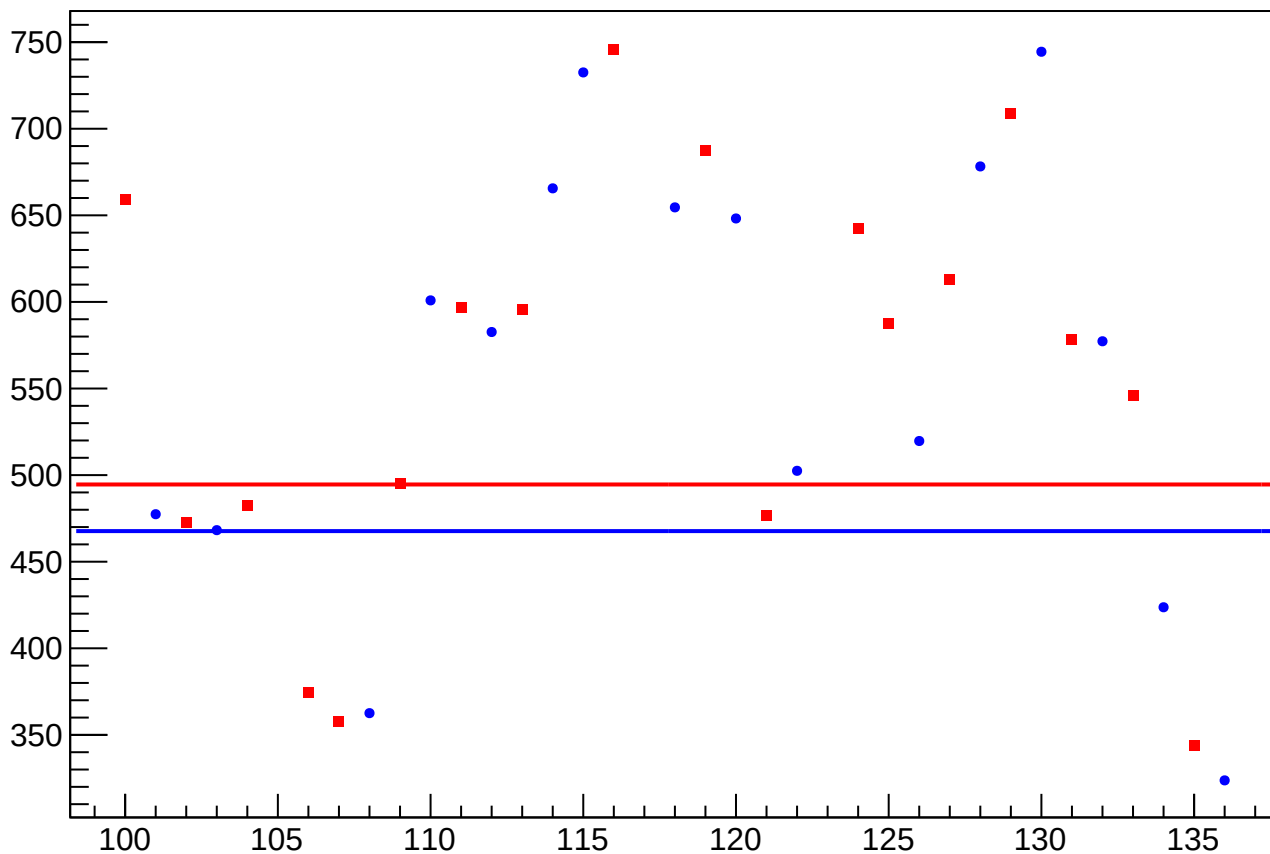
Right: -199.523+/-130.229 χ^2/NDF : 31.8/33

In: -355.529+/-180.335 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -199.523+/-130.229 χ^2/NDF : 31.8/33

asym_sam_13_57_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 467.674 ± 0.128 $\chi^2/\text{NDF}: 985943.7/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 494.592 ± 0.133 $\chi^2/\text{NDF}: 718108.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

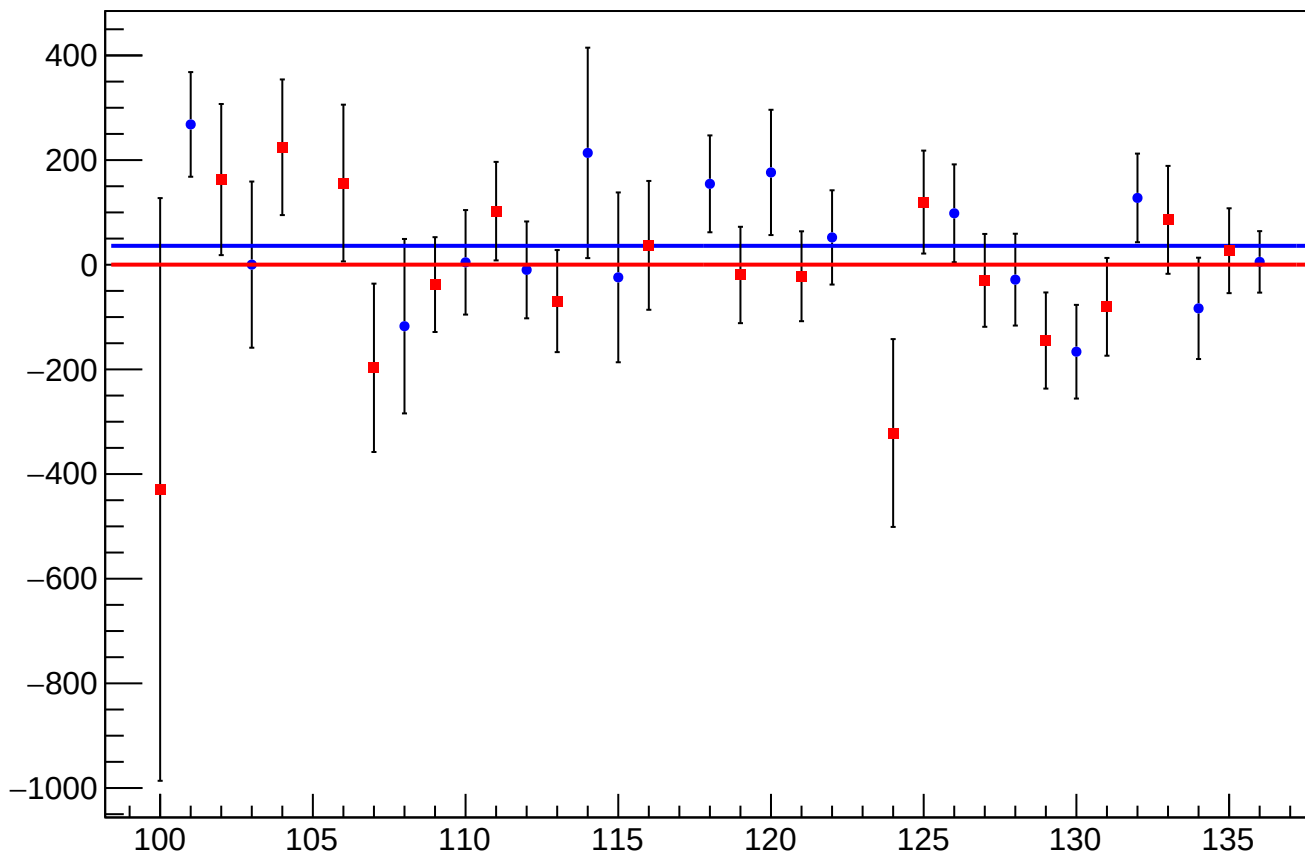
Right: 480.554 ± 0.092 $\chi^2/\text{NDF}: 1725373.8/33$

In: 467.674 ± 0.128 $\chi^2/\text{NDF}: 985943.7/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 480.554 ± 0.092 $\chi^2/\text{NDF}: 1725373.8/33$

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: 0.190+/-25.049 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

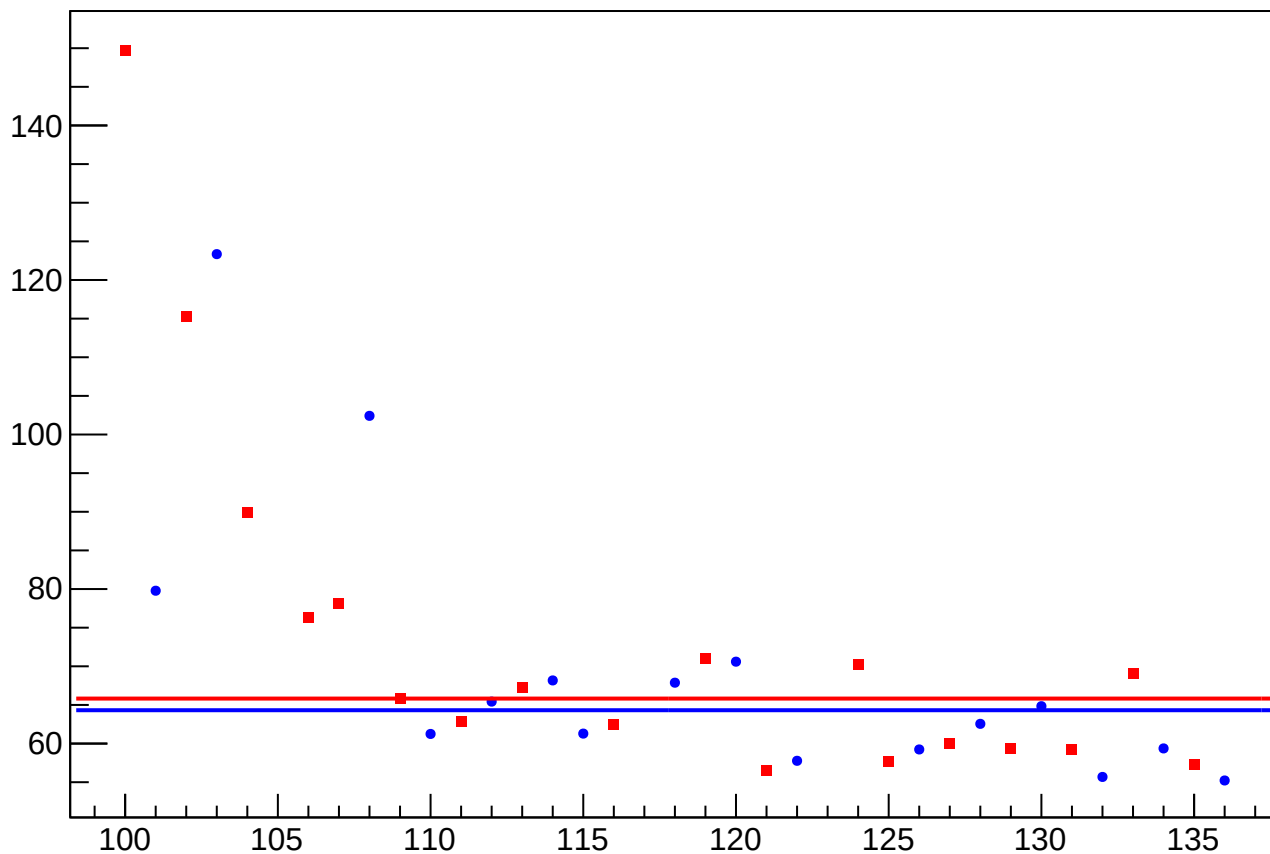
Right: 18.593+/-17.504 χ^2 /NDF: 39.1/33

In: 36.157+/-24.471 χ^2 /NDF:19.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 18.593+/-17.504 χ^2 /NDF: 39.1/33

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: 65.824+/-0.018 χ^2/NDF : 471672.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

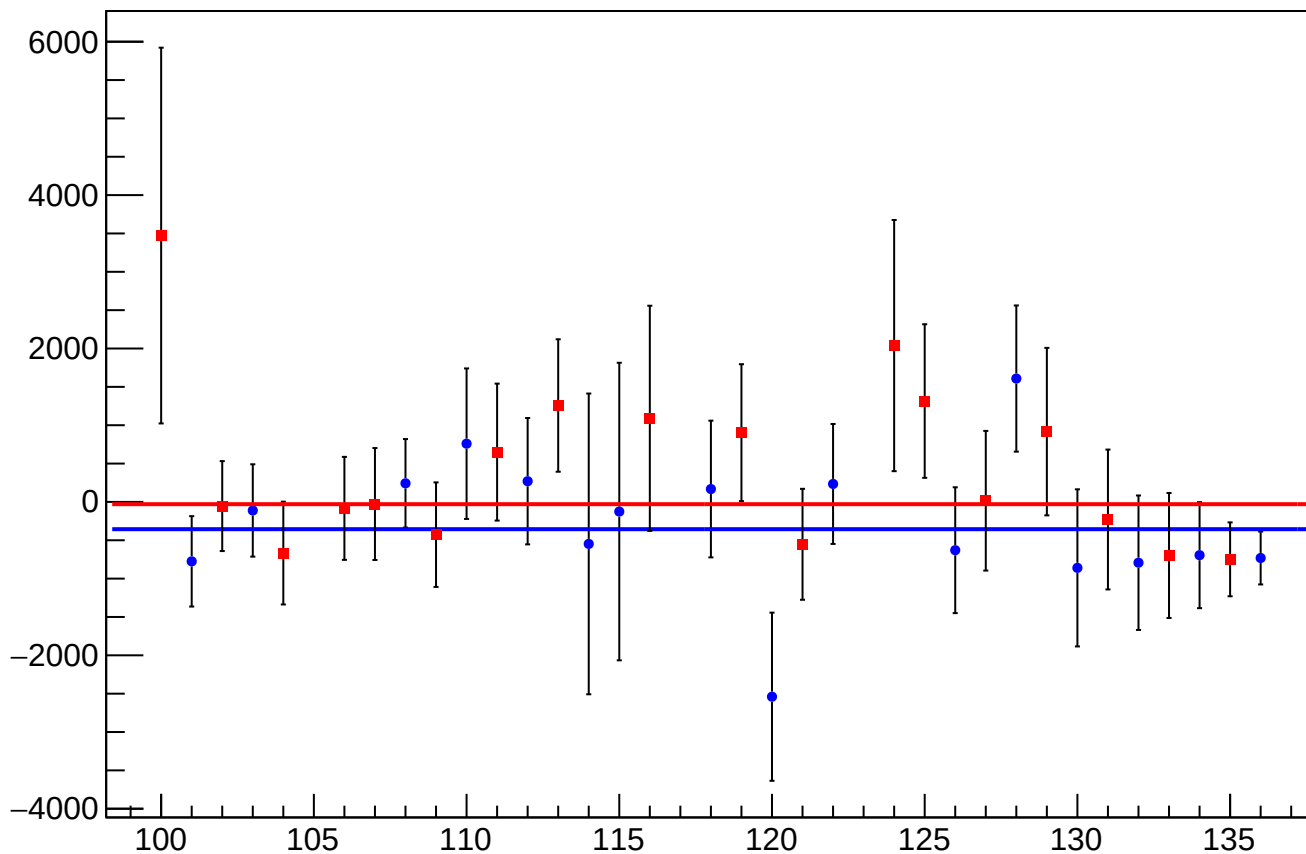
Right: 65.053+/-0.012 χ^2/NDF : 1007455.5/33

In: 64.316+/-0.017 χ^2/NDF : 532073.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.053+/-0.012 χ^2/NDF : 1007455.5/33

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: -29.495 ± 188.264 χ^2/NDF : 15.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

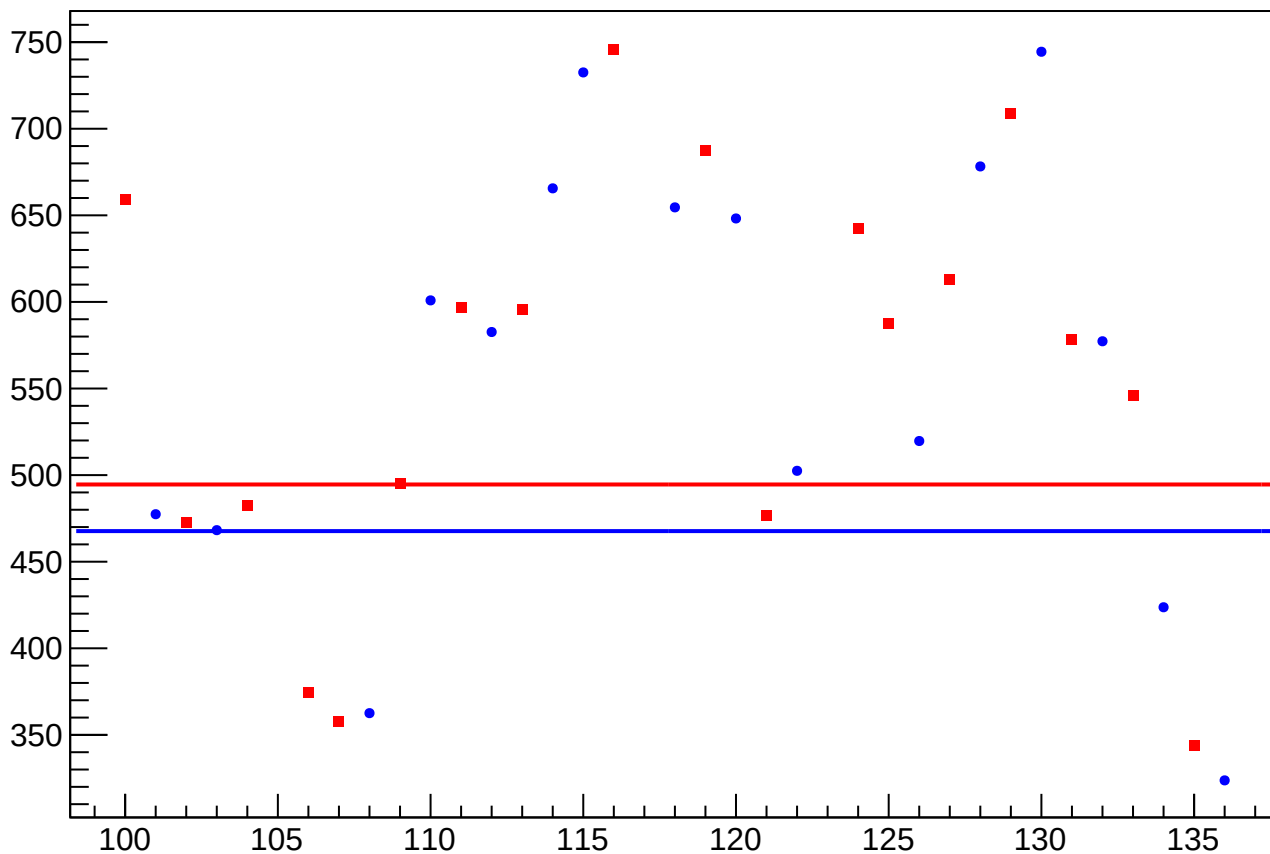
Right: -199.523 ± 130.229 χ^2/NDF : 31.8/33

In: -355.529 ± 180.334 χ^2/NDF : 14.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -199.523 ± 130.229 χ^2/NDF : 31.8/33

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: 494.591+/-0.133 χ^2/NDF : 718108.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

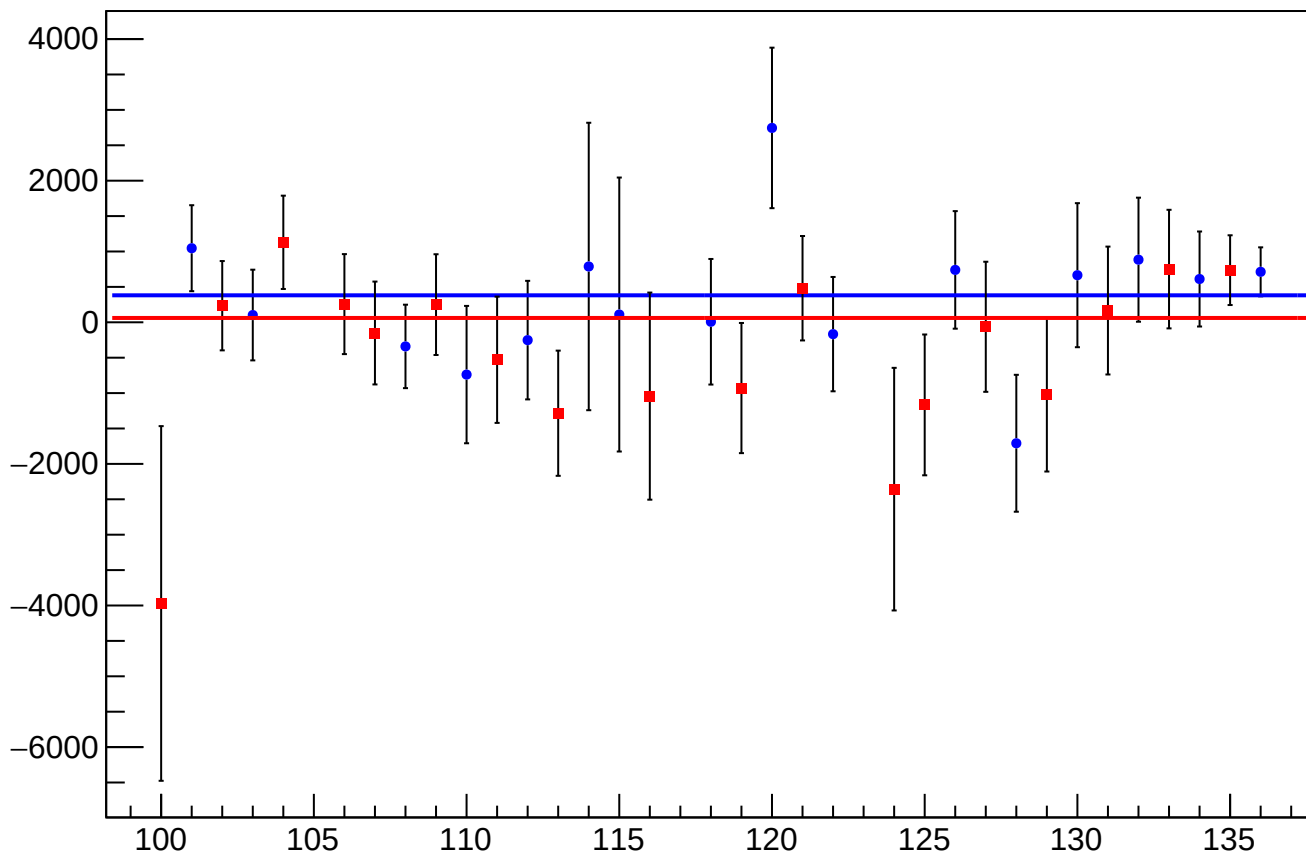
Right: 480.554+/-0.092 χ^2/NDF : 1725375.2/33

In: 467.674+/-0.128 χ^2/NDF :985945.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 480.554+/-0.092 χ^2/NDF : 1725375.2/33

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: 61.227 $\pm$ 192.324 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

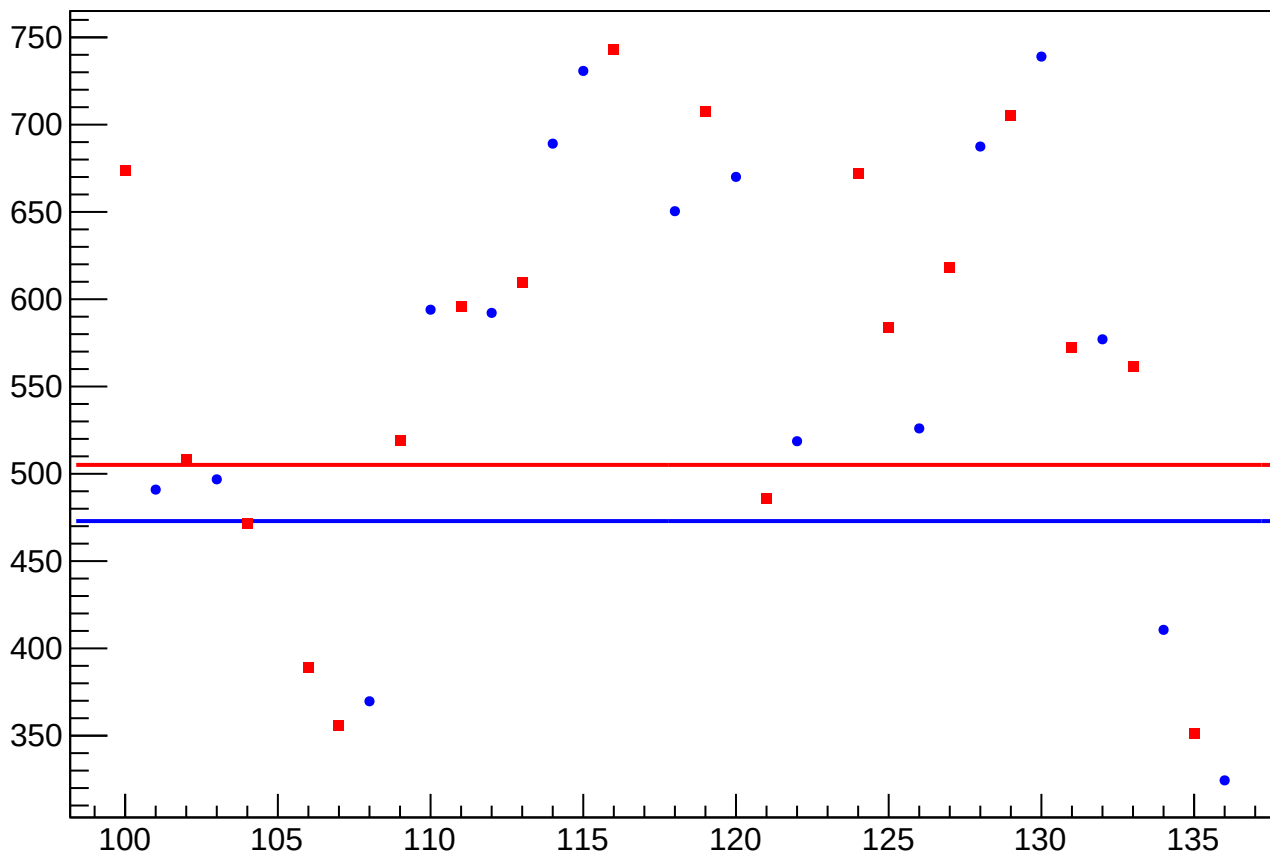
Right: 229.399 $\pm$ 132.443 χ^2 /NDF: 35.0/33

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: 229.399 $\pm$ 132.443 χ^2 /NDF: 35.0/33

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: 505.103+/-0.136 χ^2/NDF : 699660.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

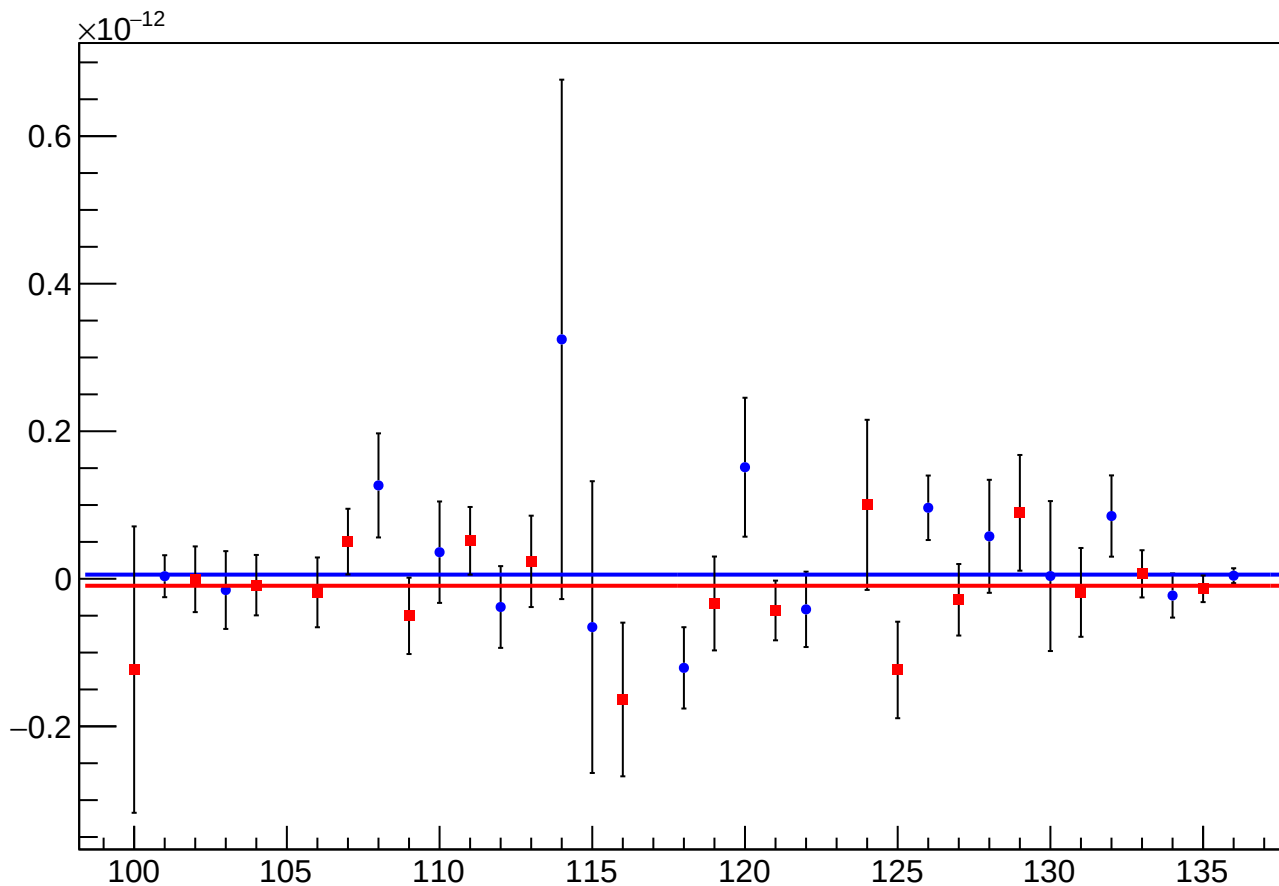
Right: 488.184+/-0.094 χ^2/NDF : 1729370.9/33

In: 472.924+/-0.129 χ^2/NDF : 1000274.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.184+/-0.094 χ^2/NDF : 1729370.9/33

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 : 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

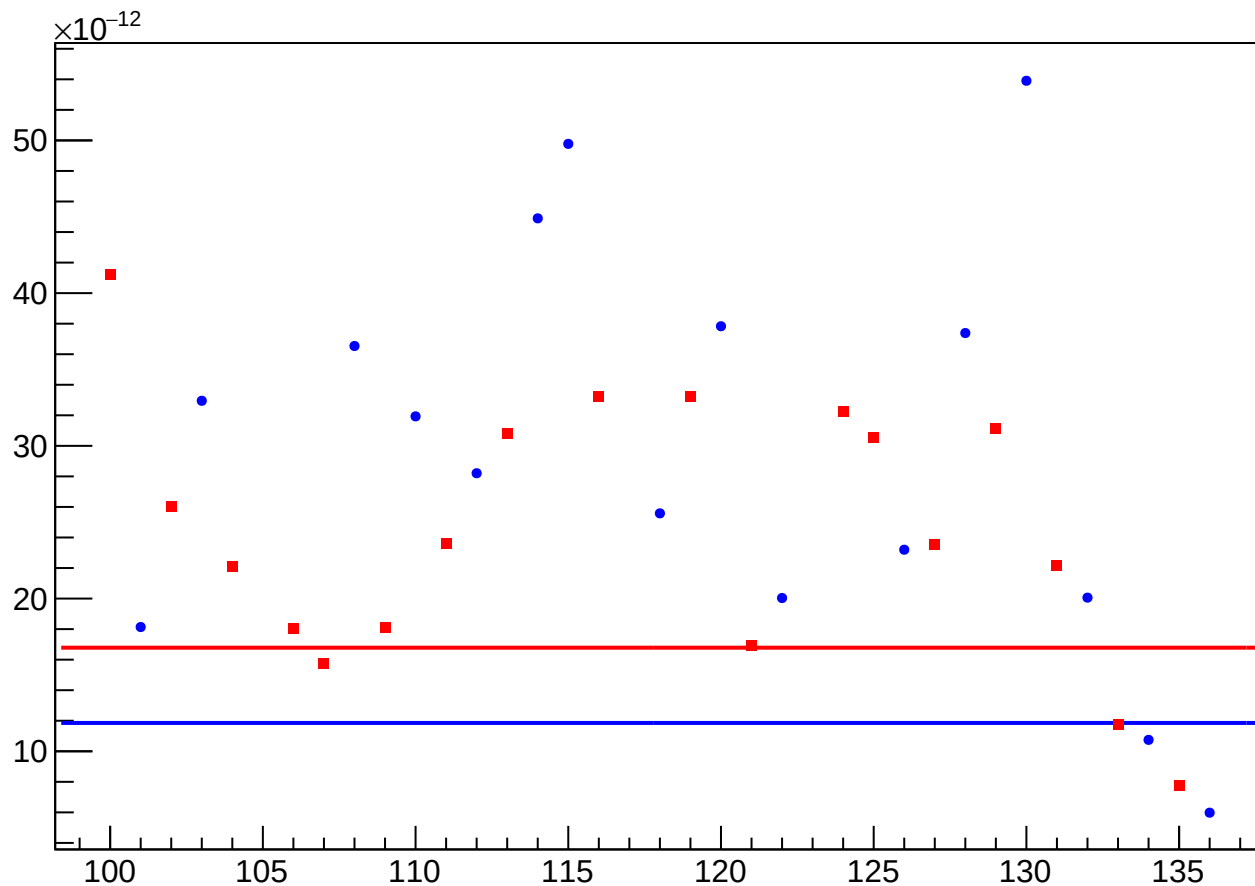
Right: -0.000+/-0.000 χ^2/NDF : 36.4/33

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 : 36.4/33

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 : 1280676.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

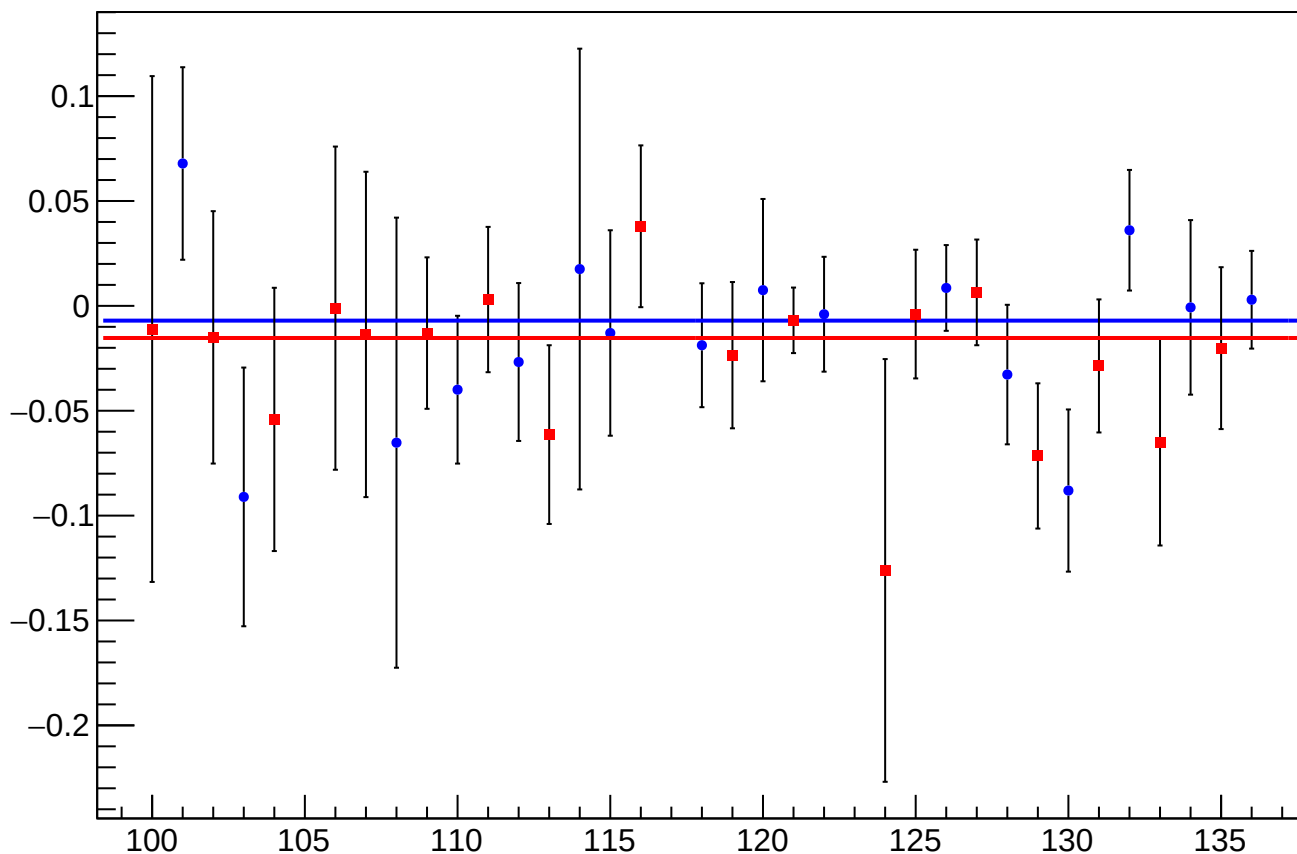
Right: 0.000+/-0.000 χ^2/NDF : 4410632.7/33

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 : 4410632.7/33

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.007 ± 0.009 $\chi^2/\text{NDF}: 14.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.015 ± 0.008 $\chi^2/\text{NDF}: 10.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

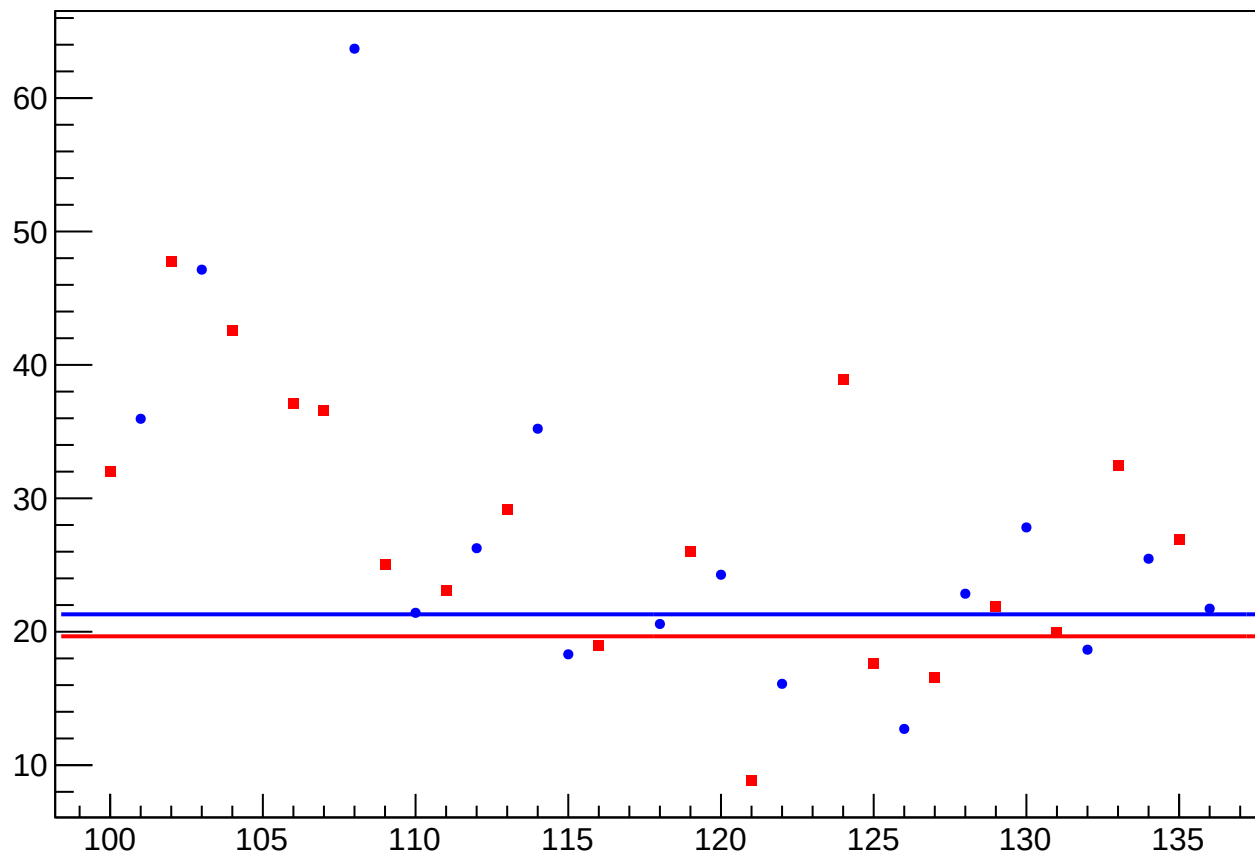
Right: -0.011 ± 0.006 $\chi^2/\text{NDF}: 24.9/33$

In: -0.007 ± 0.009 $\chi^2/\text{NDF}: 14.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.011 ± 0.006 $\chi^2/\text{NDF}: 24.9/33$

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: 19.657+/-0.006 χ^2/NDF : 2437497.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

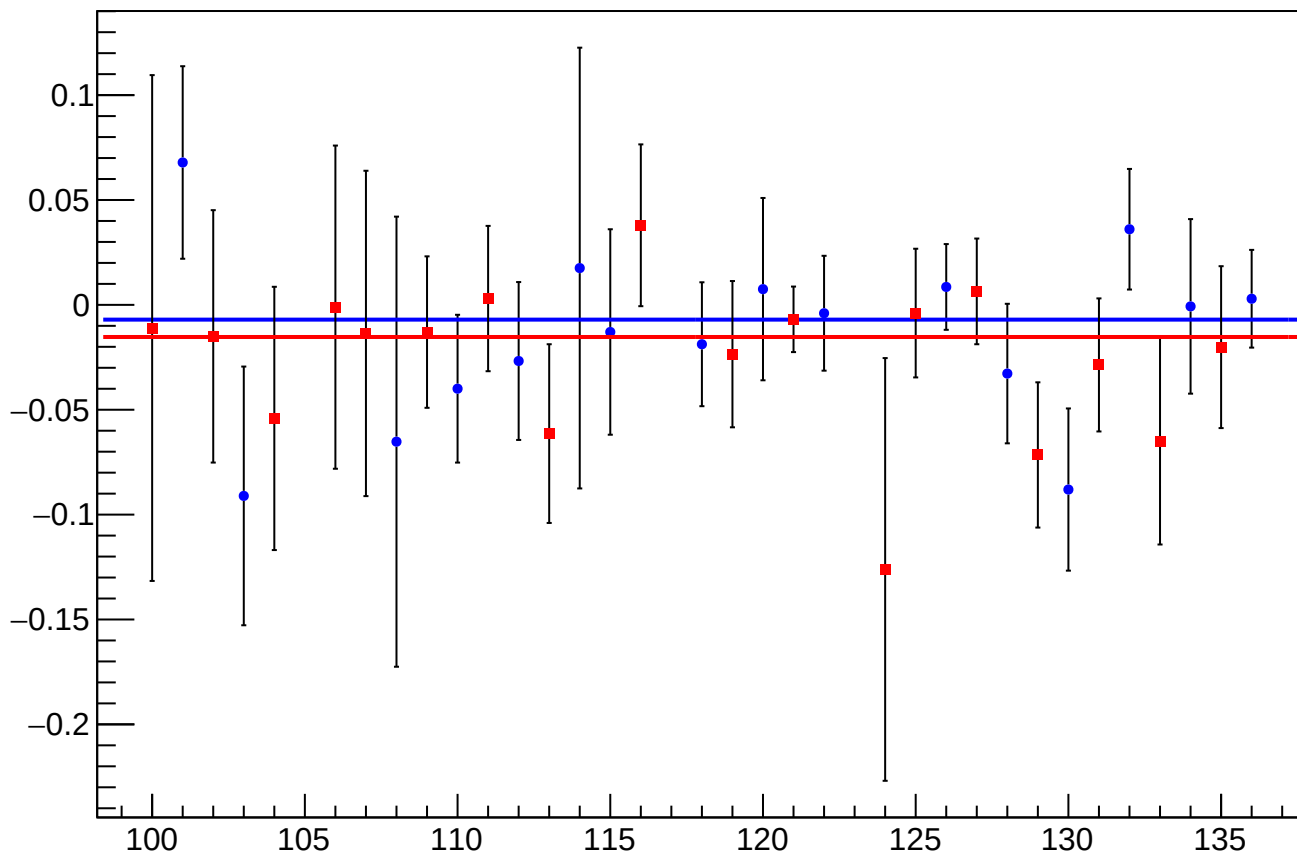
Right: 20.455+/-0.004 χ^2/NDF : 3954591.8/33

In: 21.305+/-0.006 χ^2/NDF :1479398.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.455+/-0.004 χ^2/NDF : 3954591.8/33

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 : 10.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

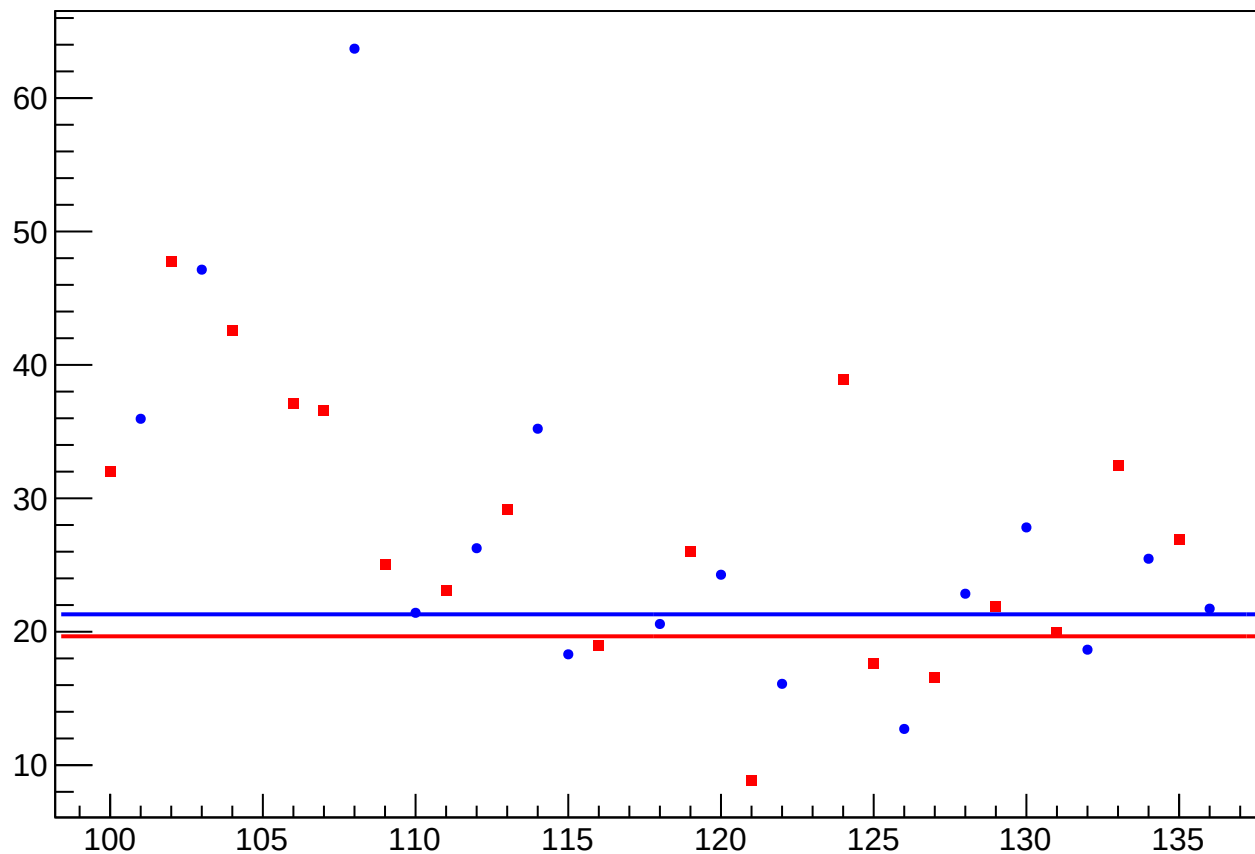
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/33

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 : 24.9/33

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.305 $\pm$ 0.006 χ^2/NDF : 1479398.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 19.657 $\pm$ 0.006 χ^2/NDF : 2437497.4/17

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

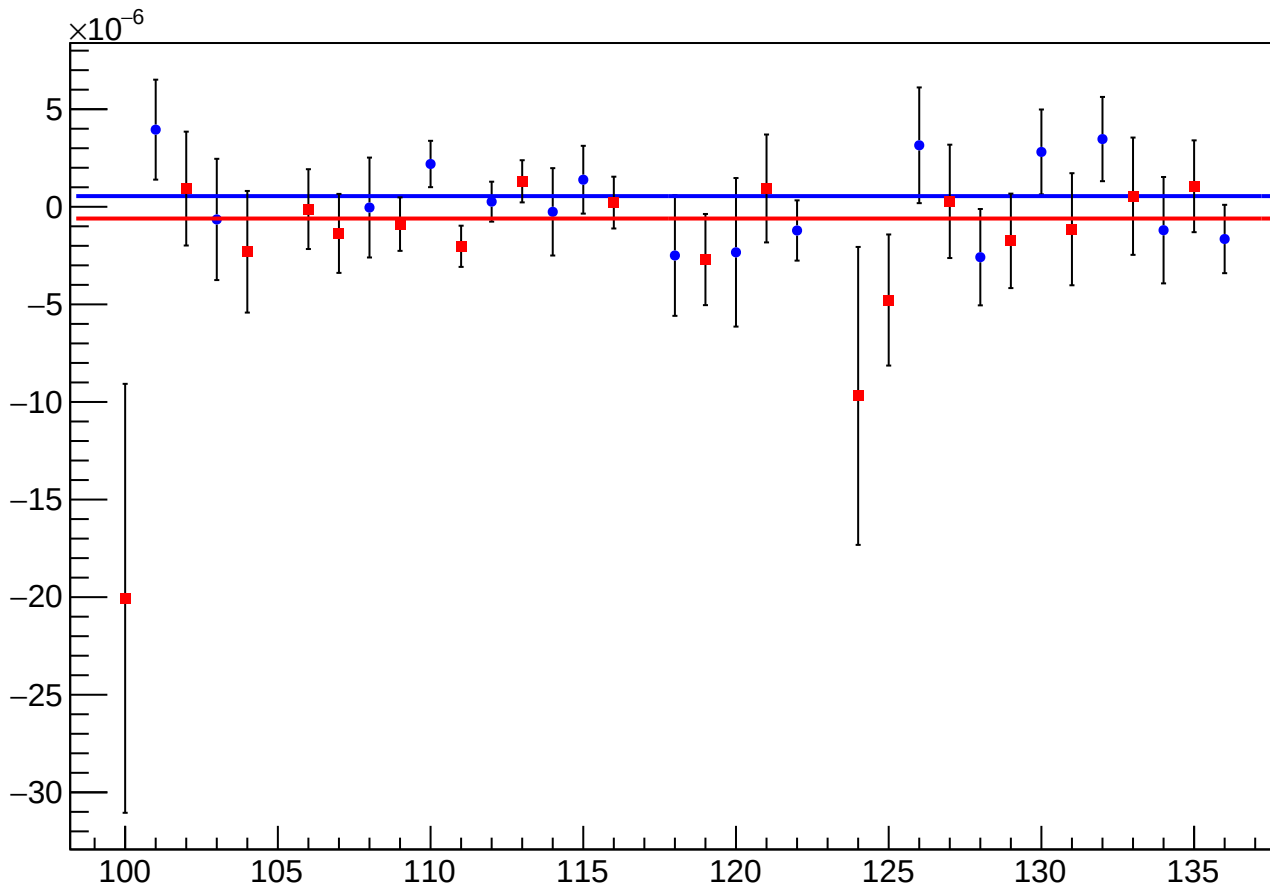
Right: 20.455 $\pm$ 0.004 χ^2/NDF : 3954591.8/33

In: 21.305 $\pm$ 0.006 χ^2/NDF : 1479398.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 20.455 $\pm$ 0.004 χ^2/NDF : 3954591.8/33

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 : 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

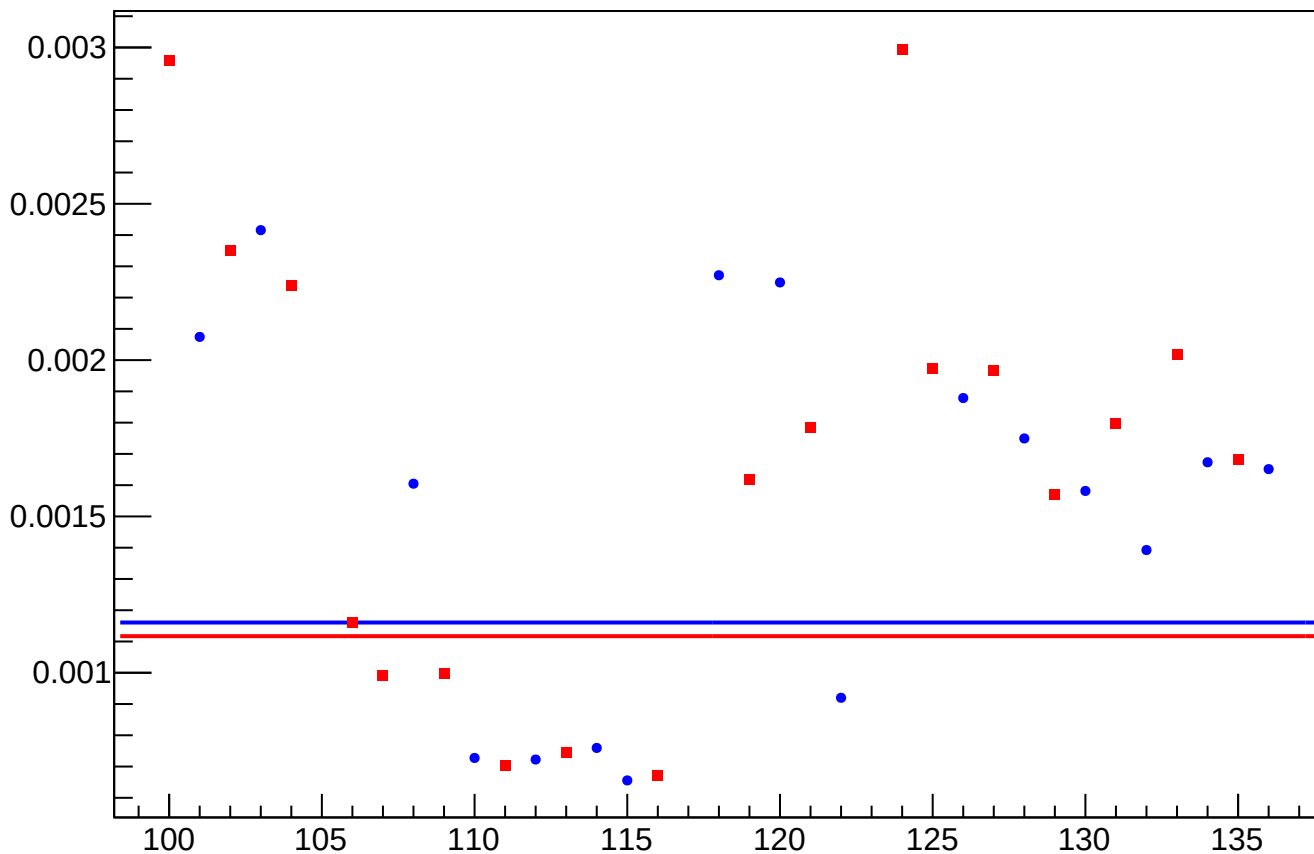
Right: -0.000+/-0.000 χ^2/NDF : 31.8/33

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 : 31.8/33

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 : 2570749.7/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 5114015.9/33

In: 0.001+/-0.000

χ^2/NDF : 2534643.9/15

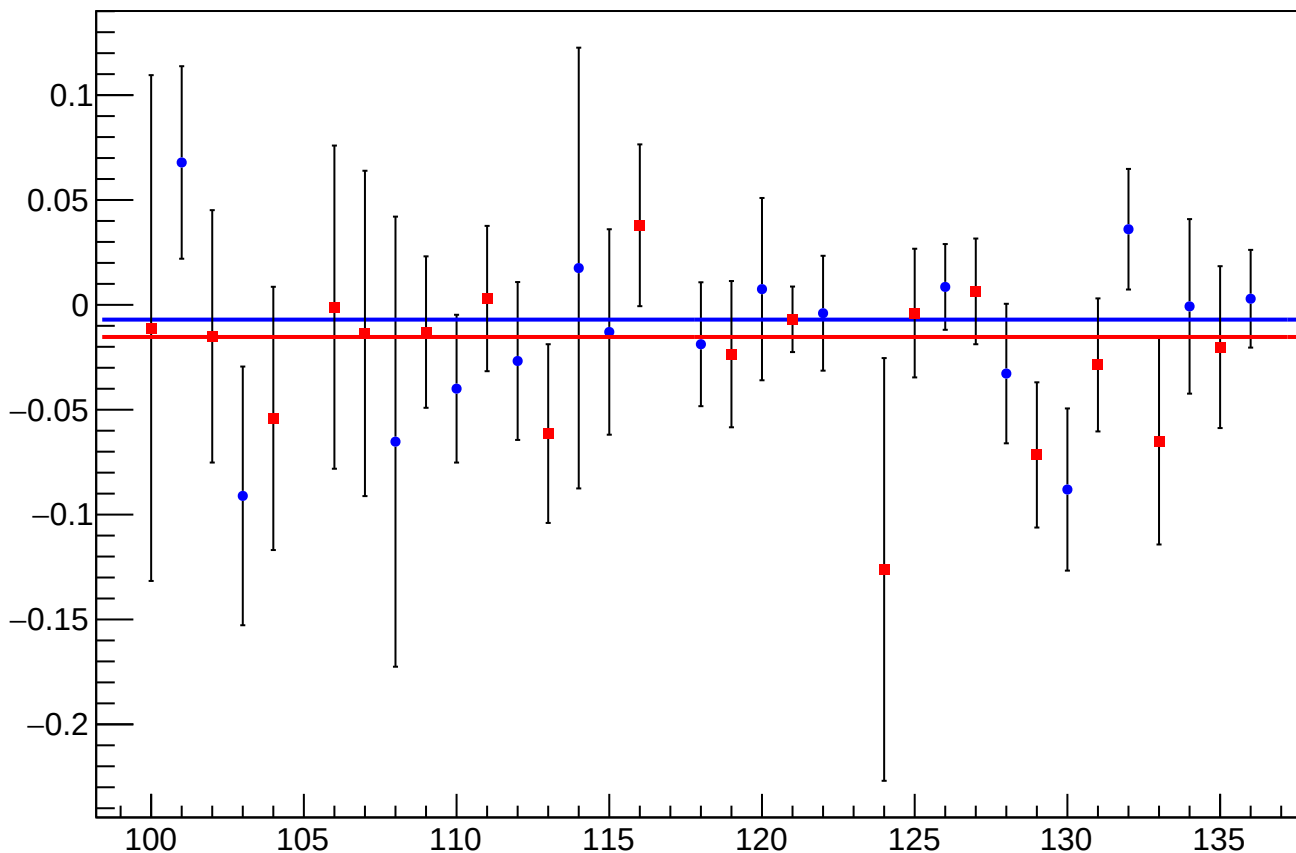
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5114015.9/33

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 : 10.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

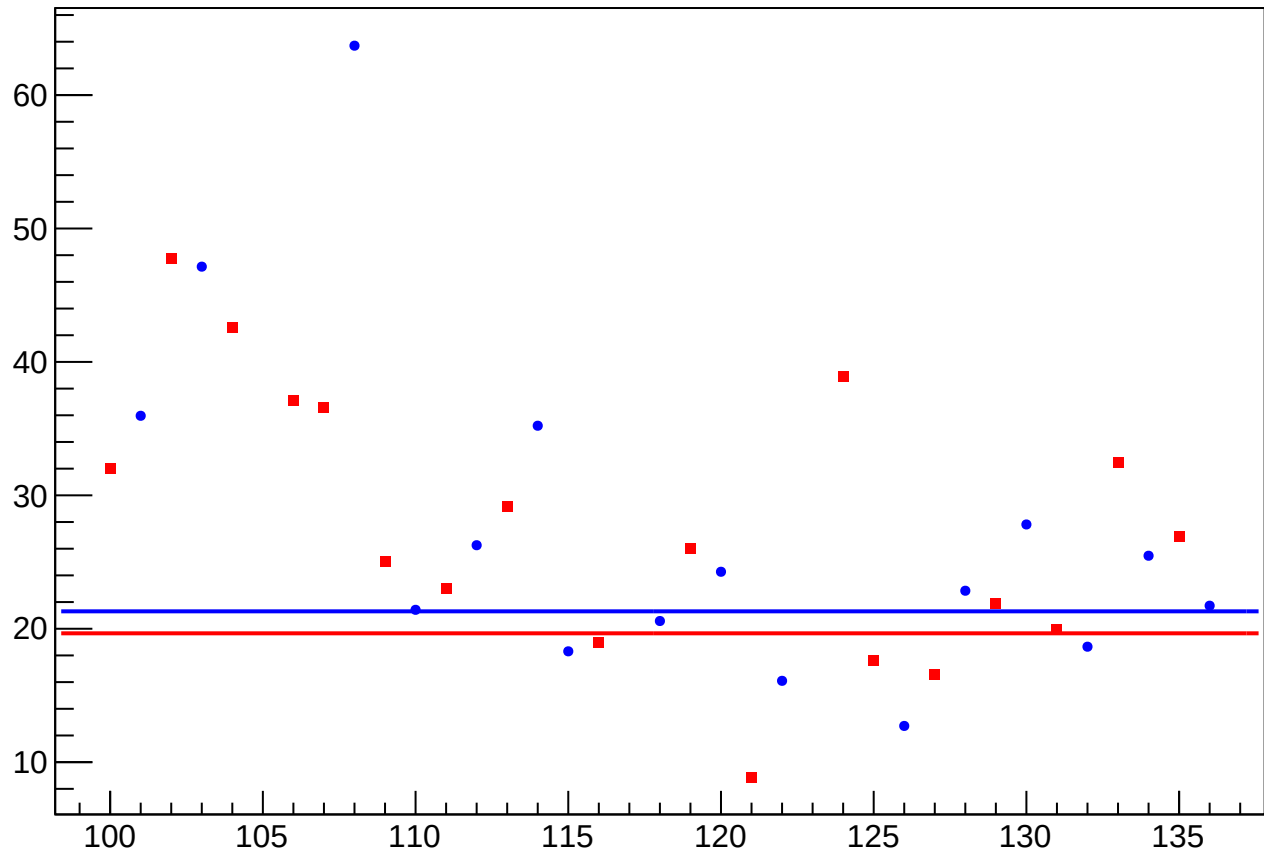
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/33

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 : 24.9/33

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 21.306 $\pm$ 0.006 χ^2/NDF : 1479231.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

Right Out: 19.658 $\pm$ 0.006 χ^2/NDF : 2437134.8/17

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

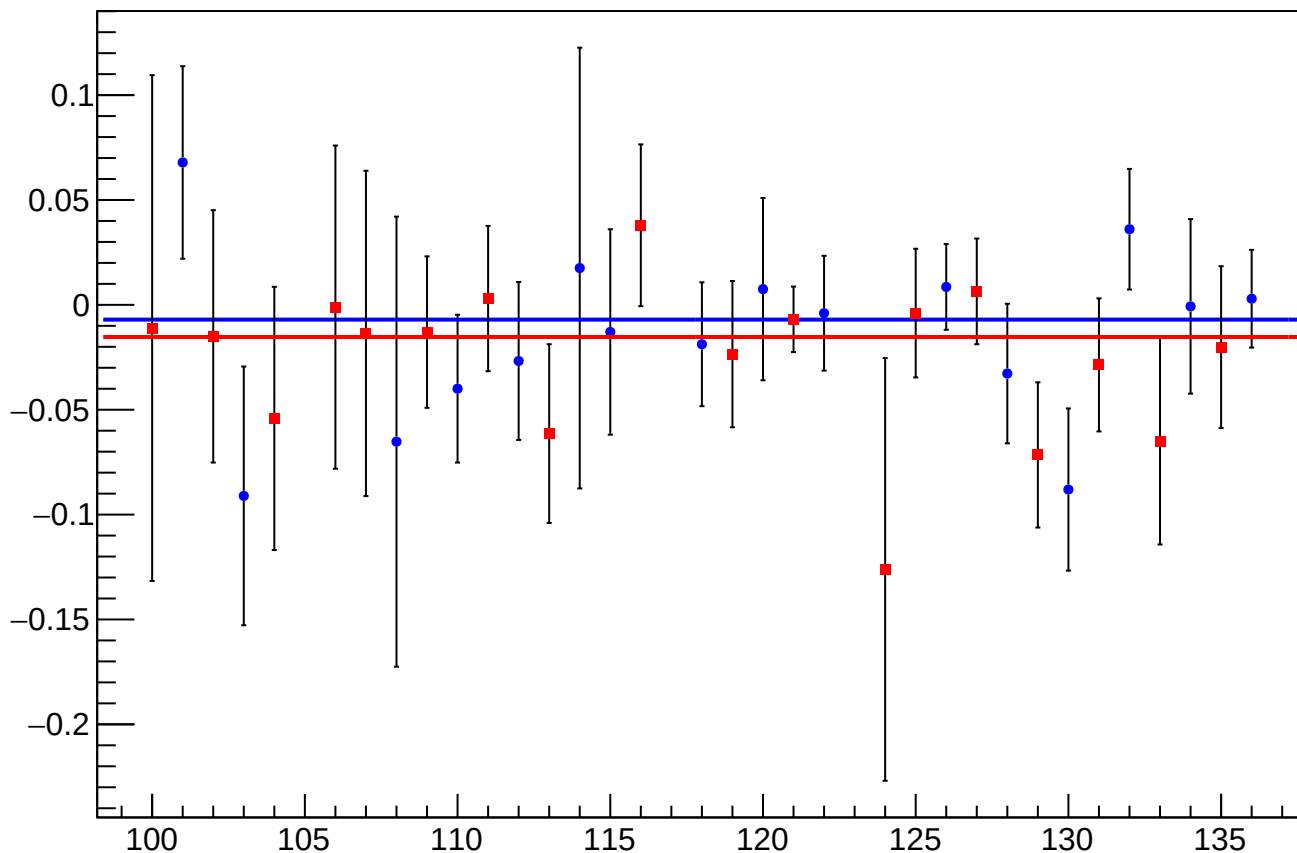
Right: 20.456 $\pm$ 0.004 χ^2/NDF : 3954042.6/33

In: 21.306 $\pm$ 0.006 χ^2/NDF :1479231.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF :0.0/0

All: 20.456 $\pm$ 0.004 χ^2/NDF : 3954042.6/33

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 : 10.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

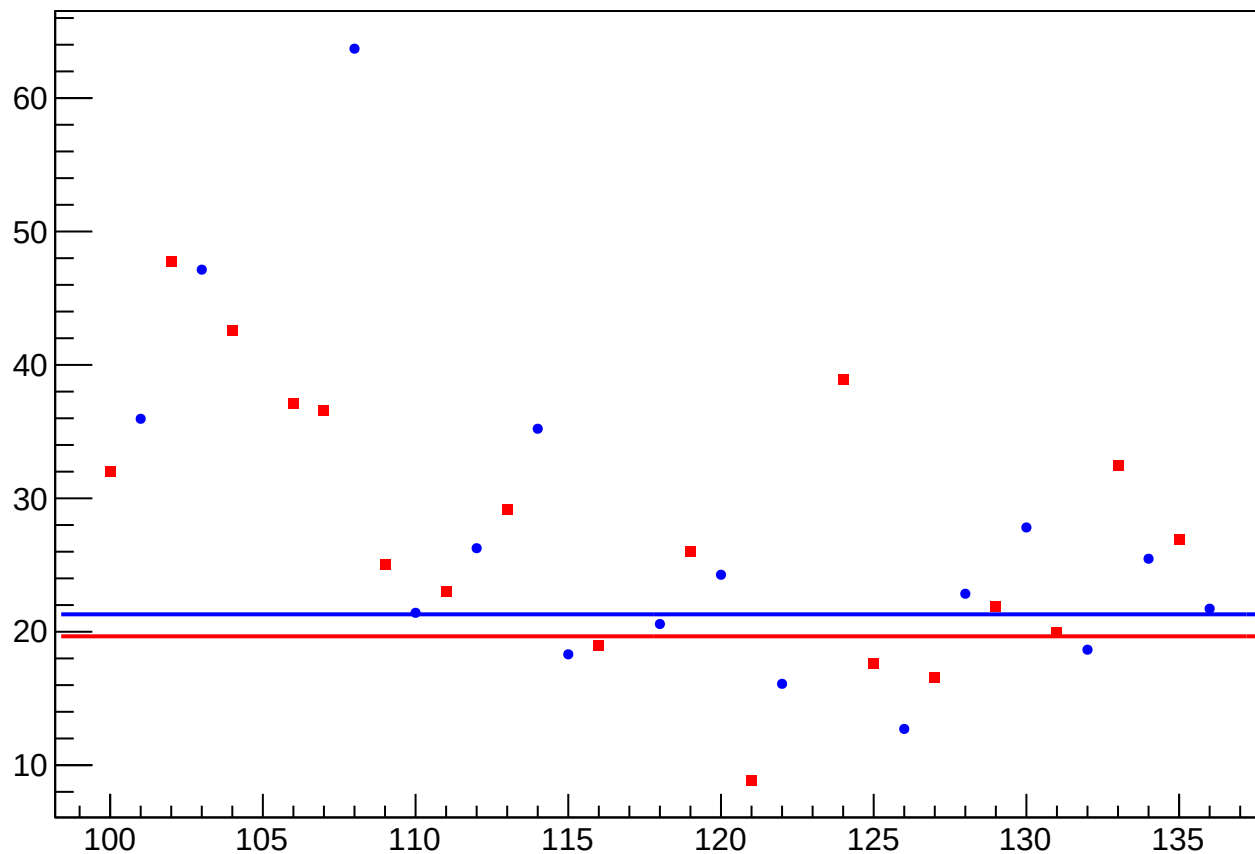
Right: -0.011 ± 0.006 χ^2/NDF : 24.9/33

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 : 24.9/33

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: 19.658+/-0.006 χ^2/NDF : 2437134.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

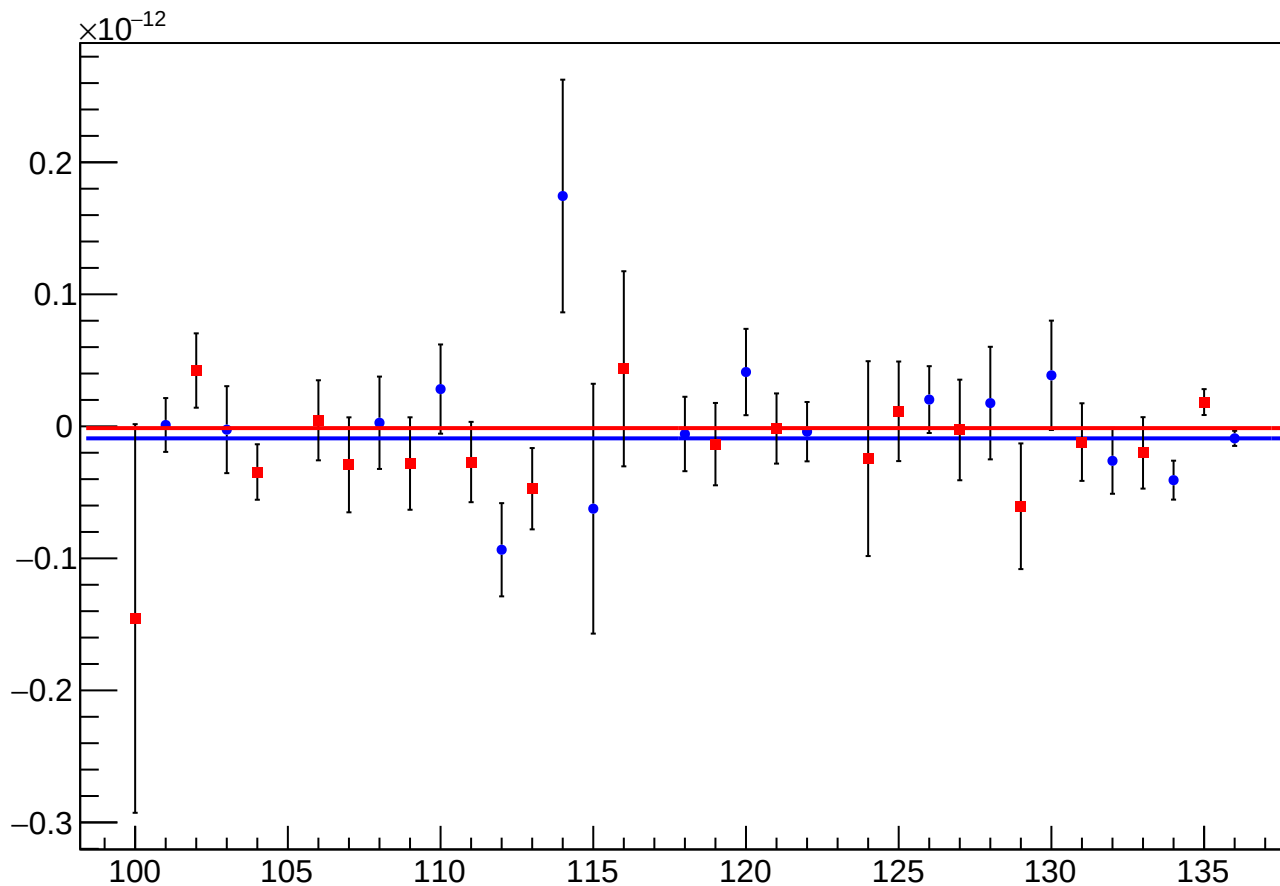
Right: 20.456+/-0.004 χ^2/NDF : 3954042.6/33

In: 21.306+/-0.006 χ^2/NDF :1479231.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 20.456+/-0.004 χ^2/NDF : 3954042.6/33

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 : 17.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

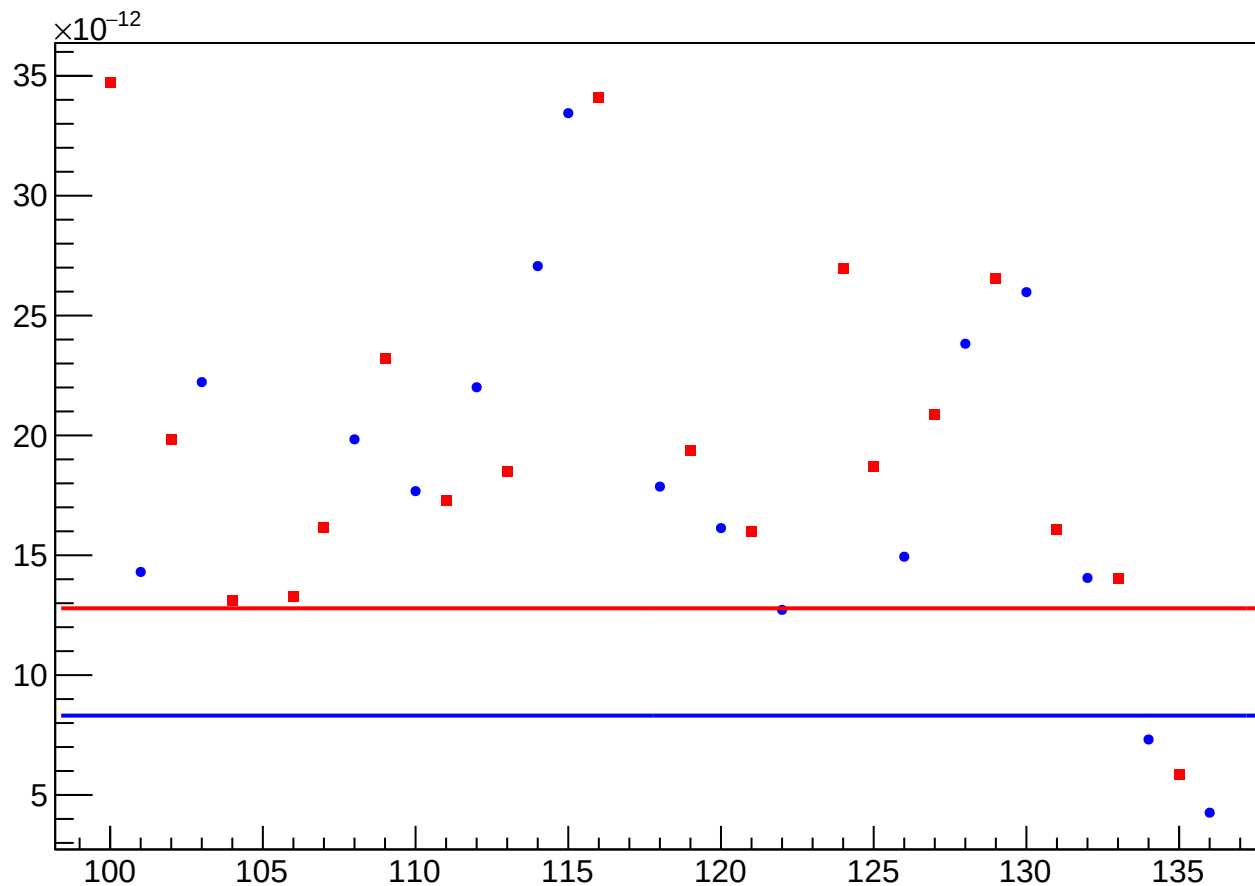
Right: -0.000+/-0.000 χ^2/NDF : 40.5/33

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 : 40.5/33

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 : 2176599.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

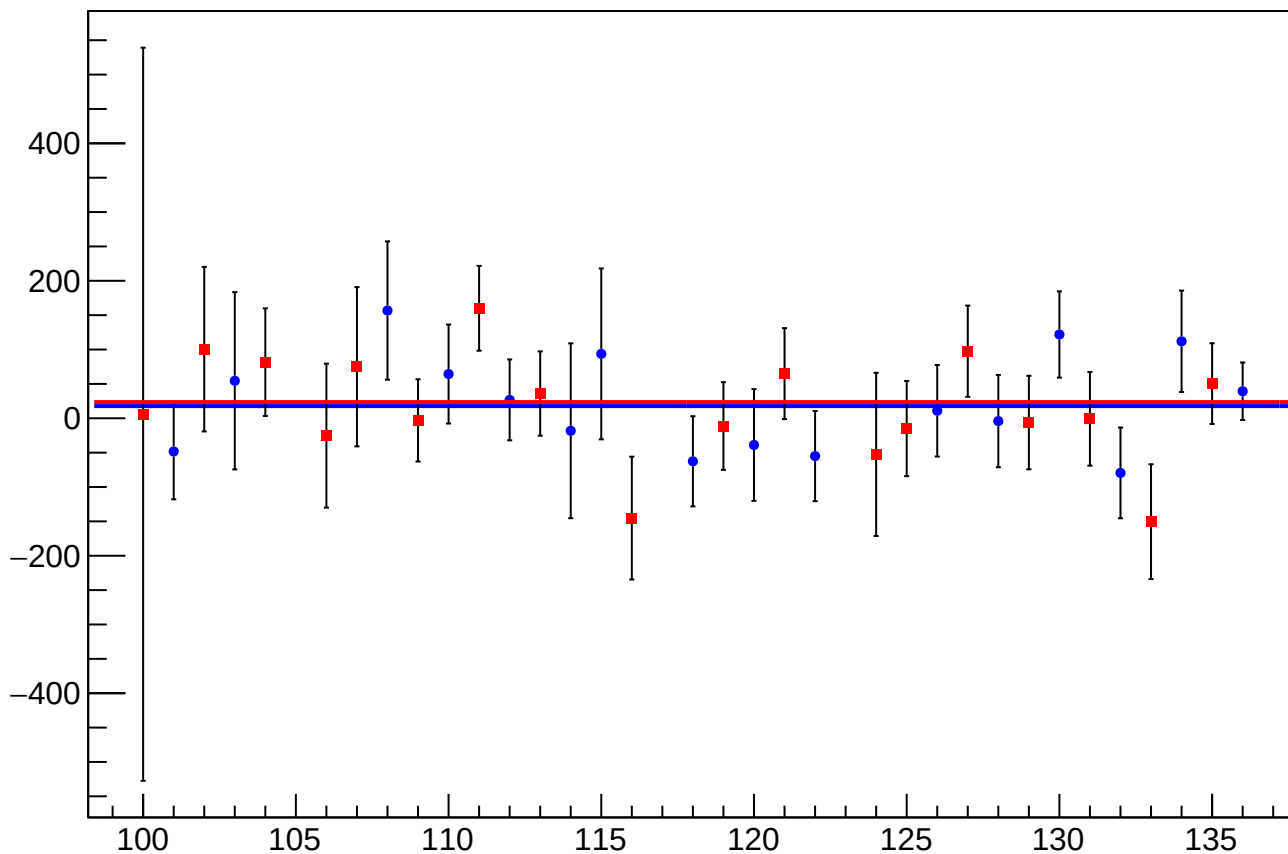
Right: 0.000+/-0.000 χ^2/NDF : 6590444.7/33

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 : 6590444.7/33

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: 23.602 $\pm$ 17.731 χ^2 /NDF: 17.6/17

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

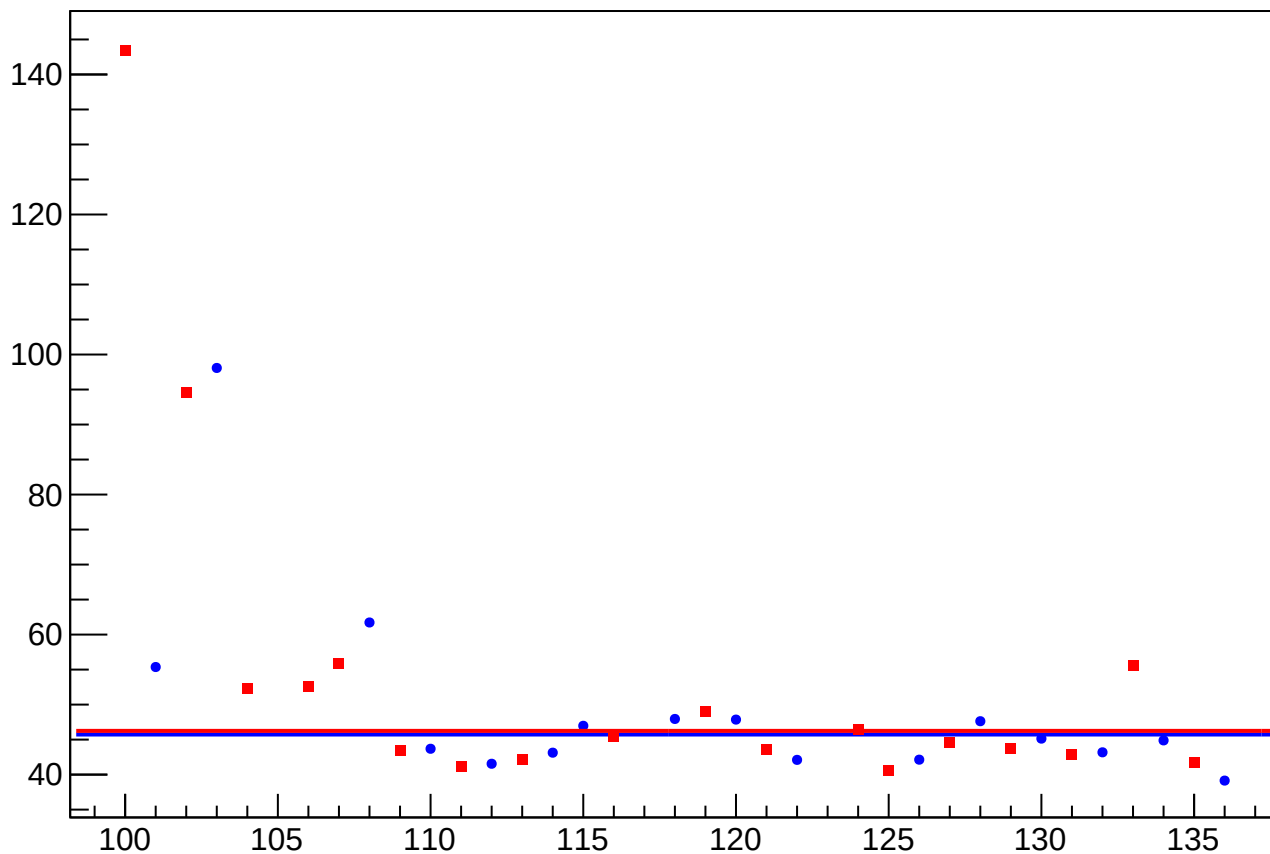
Right: 20.607 $\pm$ 12.444 χ^2 /NDF: 31.6/33

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: 20.607 $\pm$ 12.444 χ^2 /NDF: 31.6/33

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: 46.247+/-0.013 χ^2/NDF : 517277.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

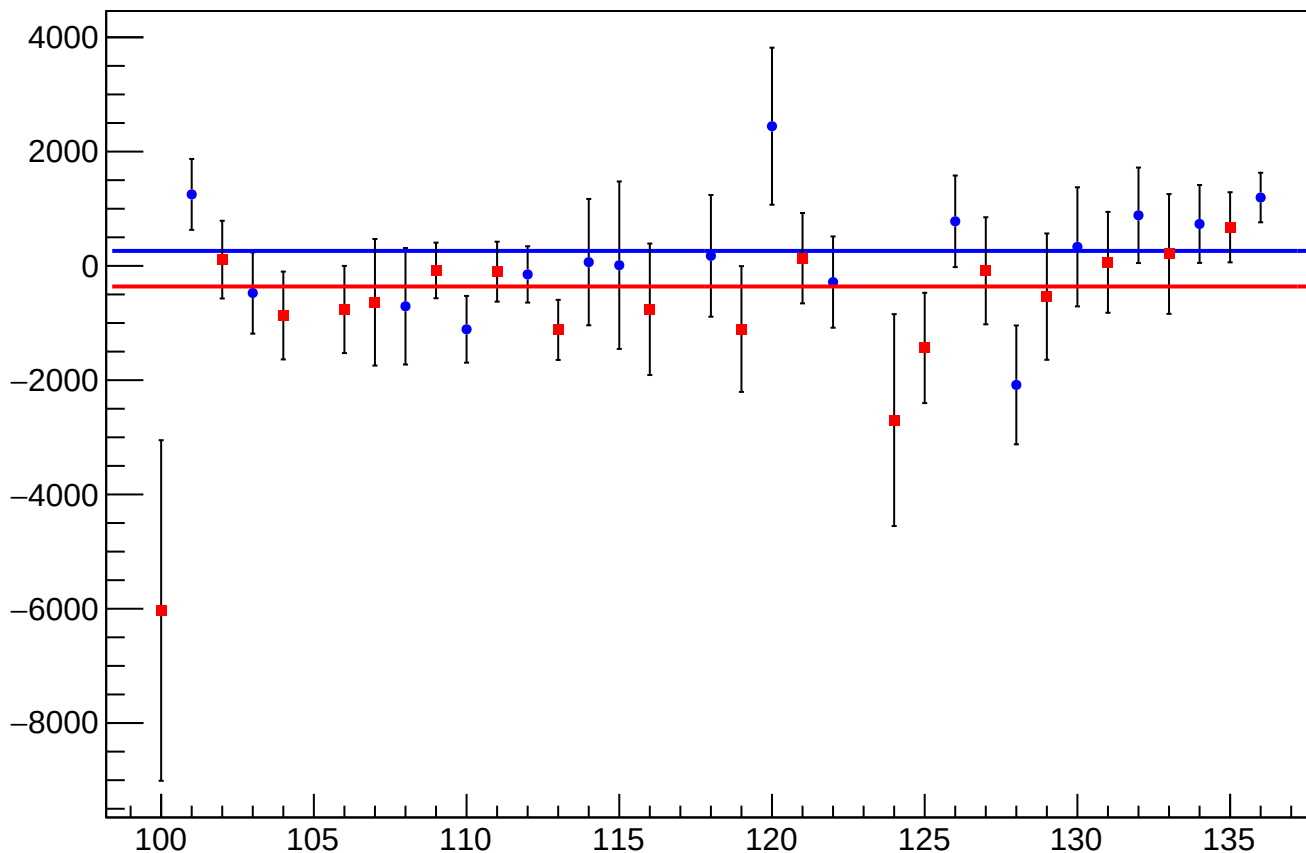
Right: 45.983+/-0.009 χ^2/NDF : 1019611.7/33

In: 45.727+/-0.012 χ^2/NDF : 501460.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.983+/-0.009 χ^2/NDF : 1019611.7/33

asym_sam_15_37_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 261.943 $\pm$ 185.211 χ^2 /NDF: 25.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -360.540 $\pm$ 184.645 χ^2 /NDF: 14.8/17

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

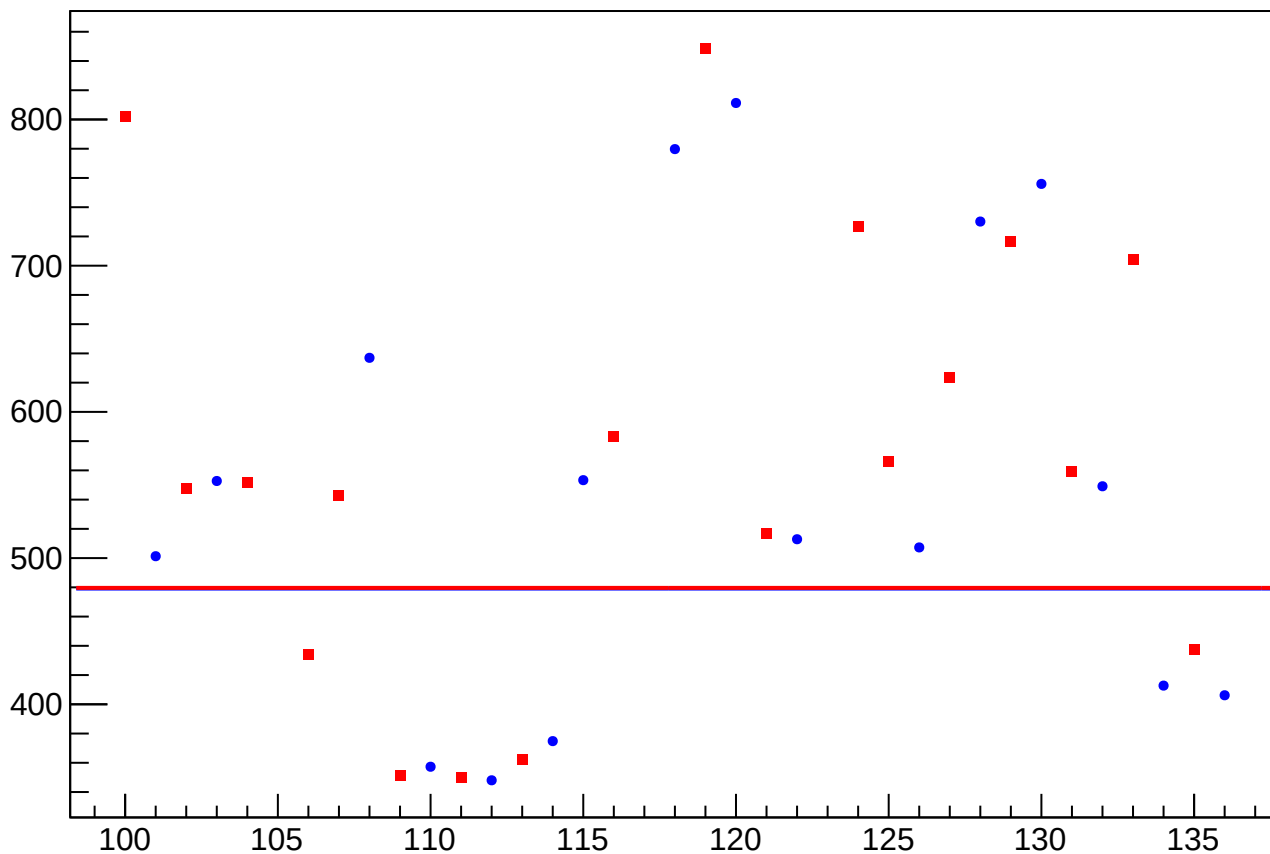
Right: -50.250 $\pm$ 130.763 χ^2 /NDF: 45.5/33

In: 261.943 $\pm$ 185.211 χ^2 /NDF:25.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -50.250 $\pm$ 130.763 χ^2 /NDF: 45.5/33

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: 479.625+/-0.131 χ^2/NDF : 988248.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

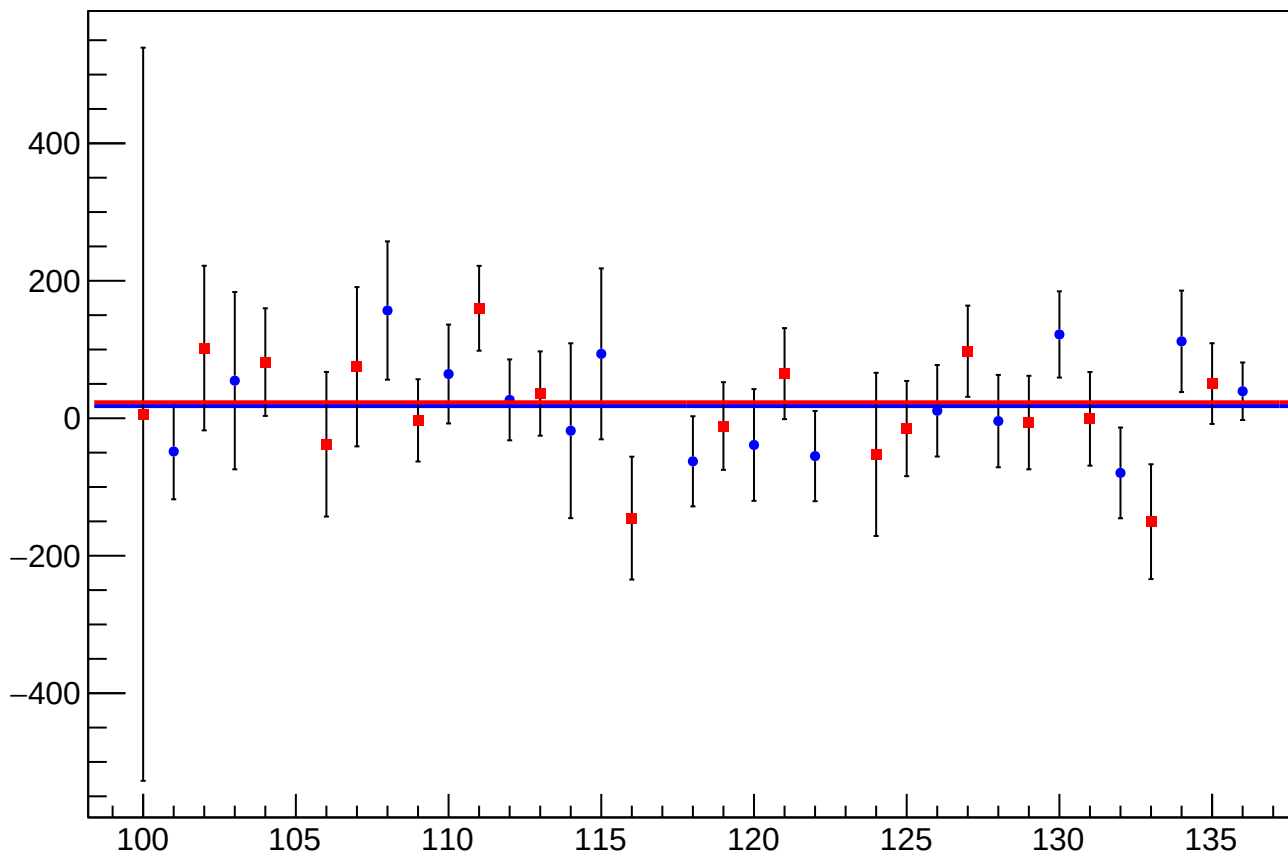
Right: 479.402+/-0.092 χ^2/NDF : 1940948.1/33

In: 479.178+/-0.131 χ^2/NDF : 952693.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.402+/-0.092 χ^2/NDF : 1940948.1/33

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: 23.292 $\pm$ 17.733 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

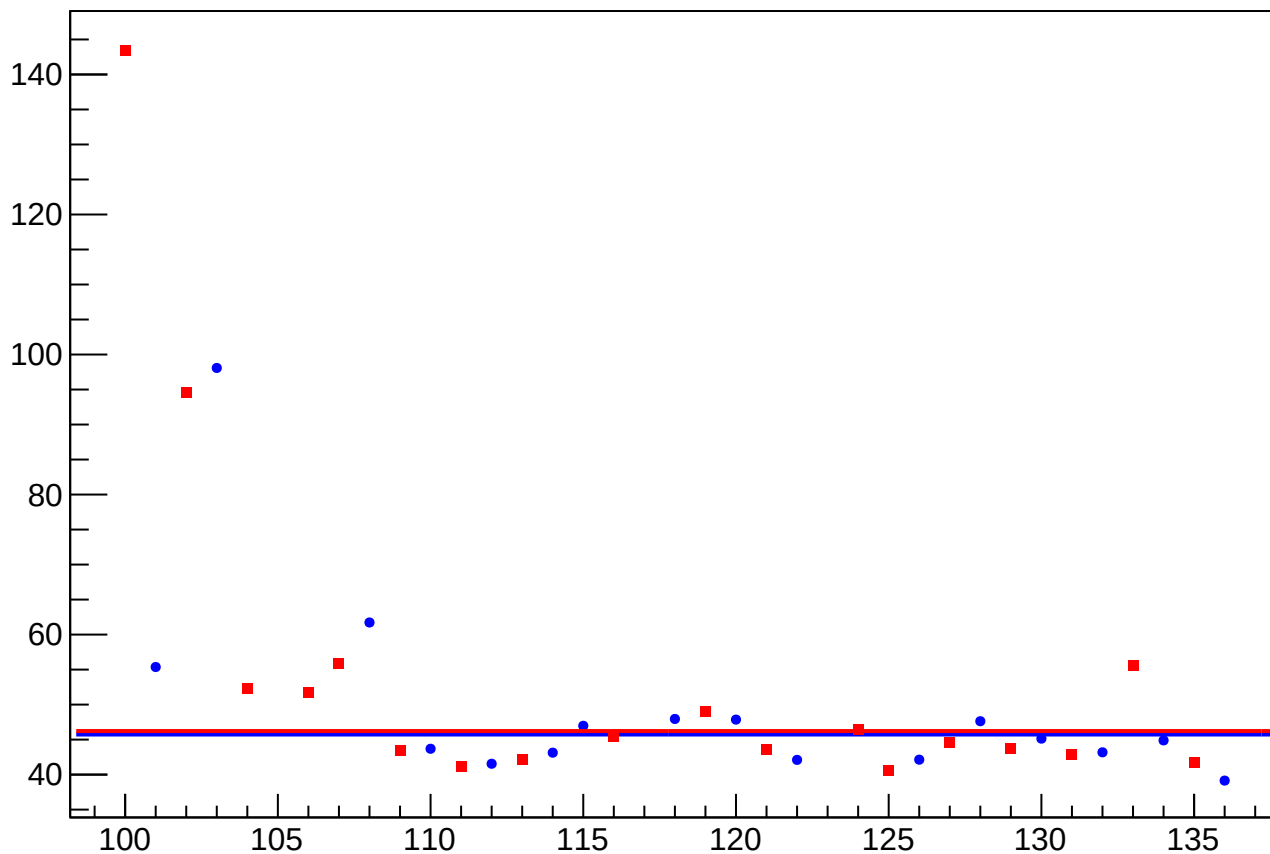
Right: 20.457 $\pm$ 12.445 χ^2 /NDF: 31.7/33

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: 20.457 $\pm$ 12.445 χ^2 /NDF: 31.7/33

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: 46.222+/-0.013 χ^2/NDF : 515717.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

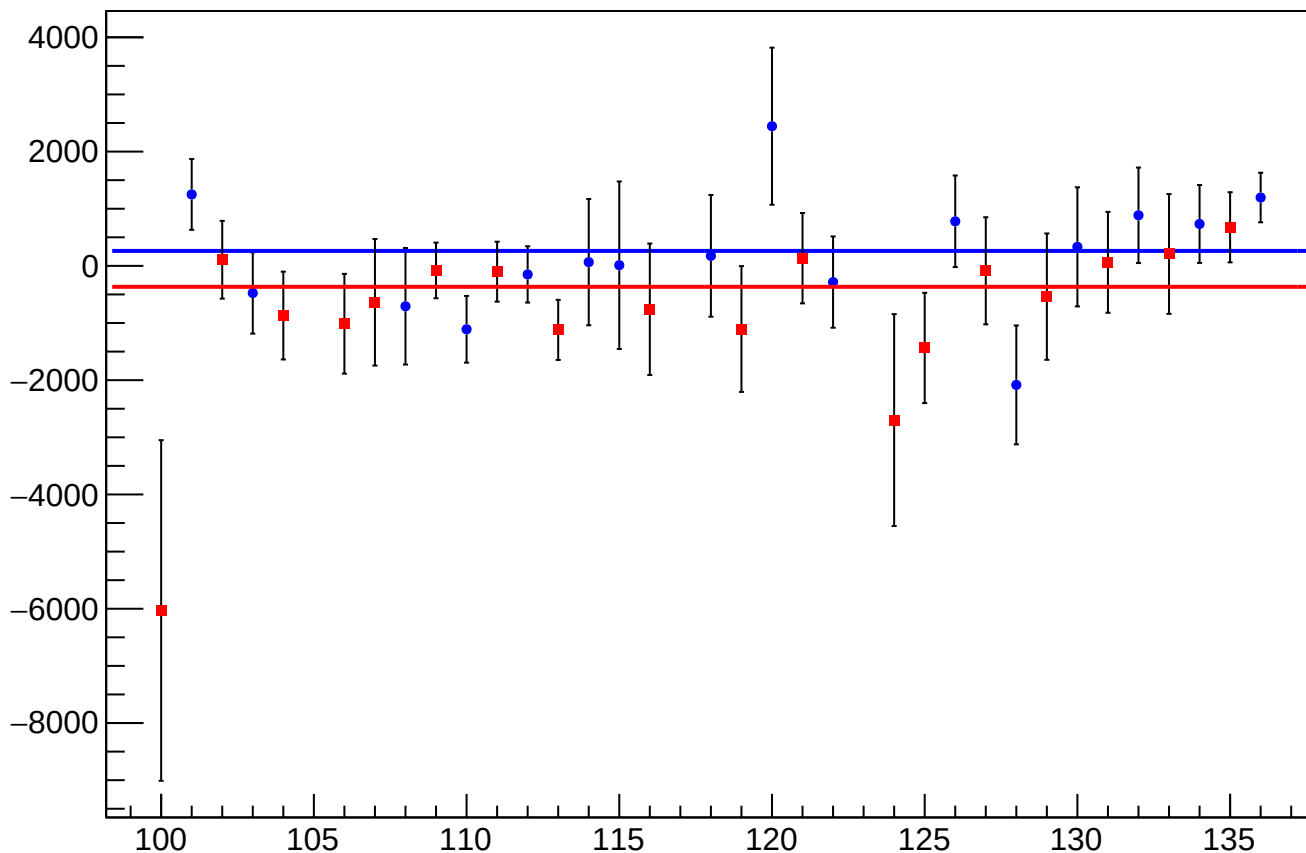
Right: 45.971+/-0.009 χ^2/NDF : 1017972.9/33

In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.971+/-0.009 χ^2/NDF : 1017972.9/33

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: -366.475 $\pm$ 185.948 χ^2 /NDF: 15.1/17

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

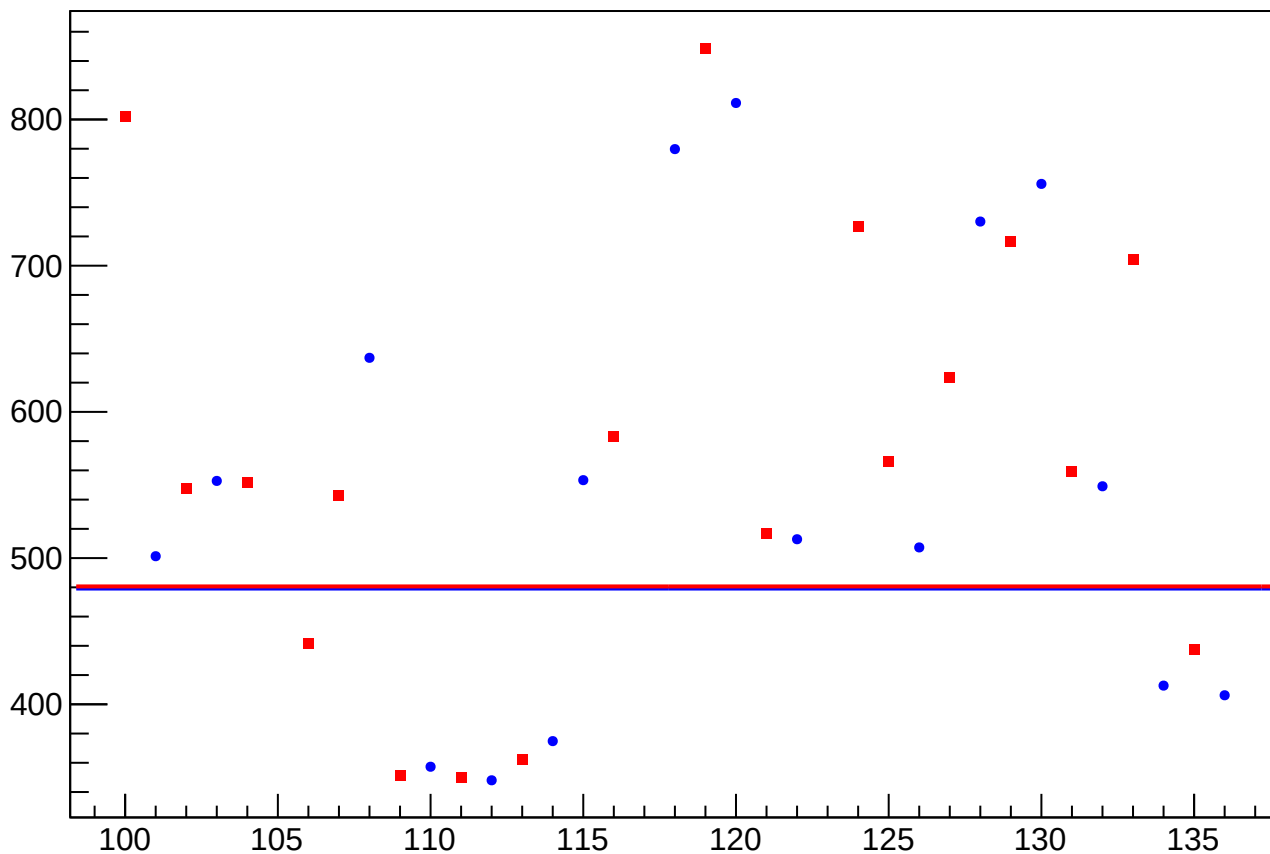
Right: -51.017 $\pm$ 131.224 χ^2 /NDF: 45.8/33

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: -51.017 $\pm$ 131.224 χ^2 /NDF: 45.8/33

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: 480.618+/-0.131 χ^2/NDF : 985114.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

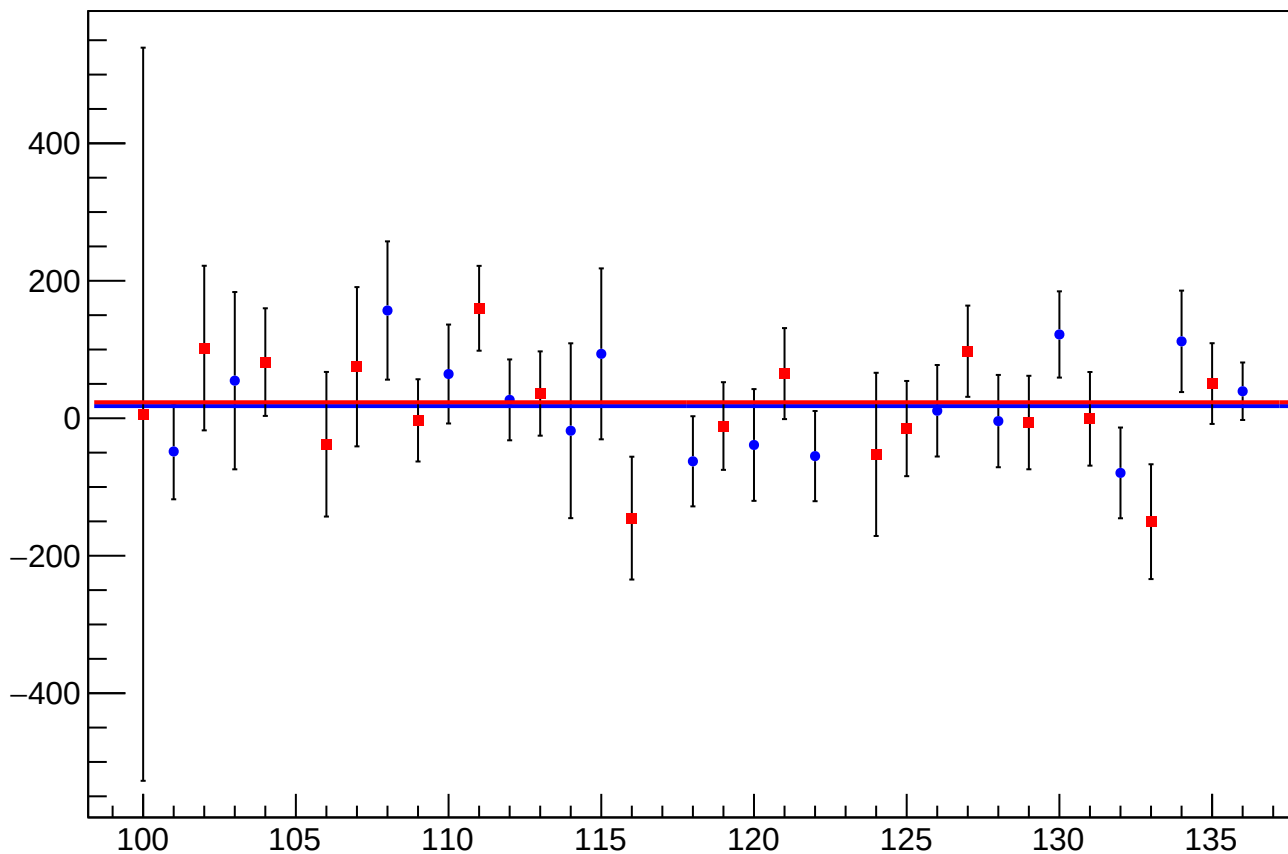
Right: 479.896+/-0.093 χ^2/NDF : 1937897.1/33

In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.896+/-0.093 χ^2/NDF : 1937897.1/33

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: 23.292 $\pm$ 17.733 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

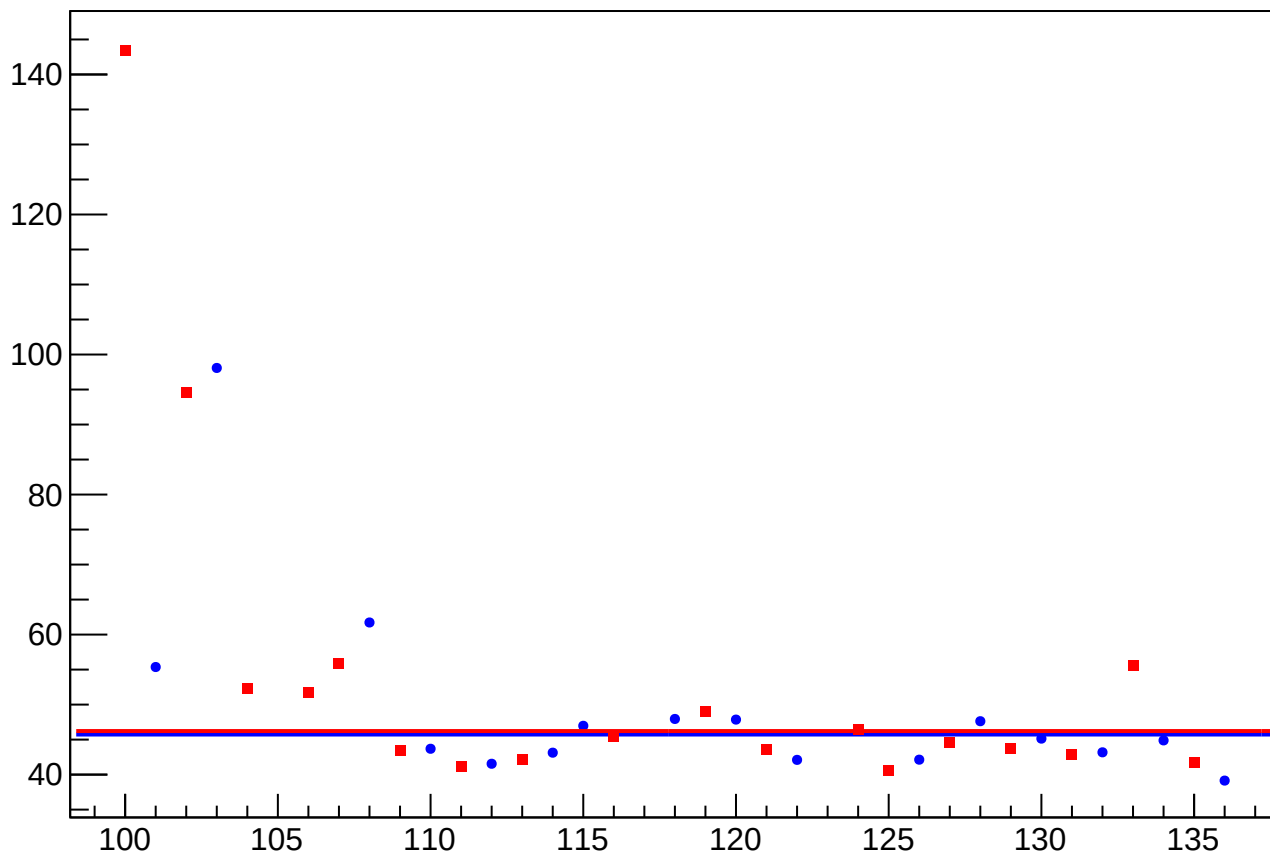
Right: 20.457 $\pm$ 12.445 χ^2 /NDF: 31.7/33

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: 20.457 $\pm$ 12.445 χ^2 /NDF: 31.7/33

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: 46.222+/-0.013 χ^2/NDF : 515717.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

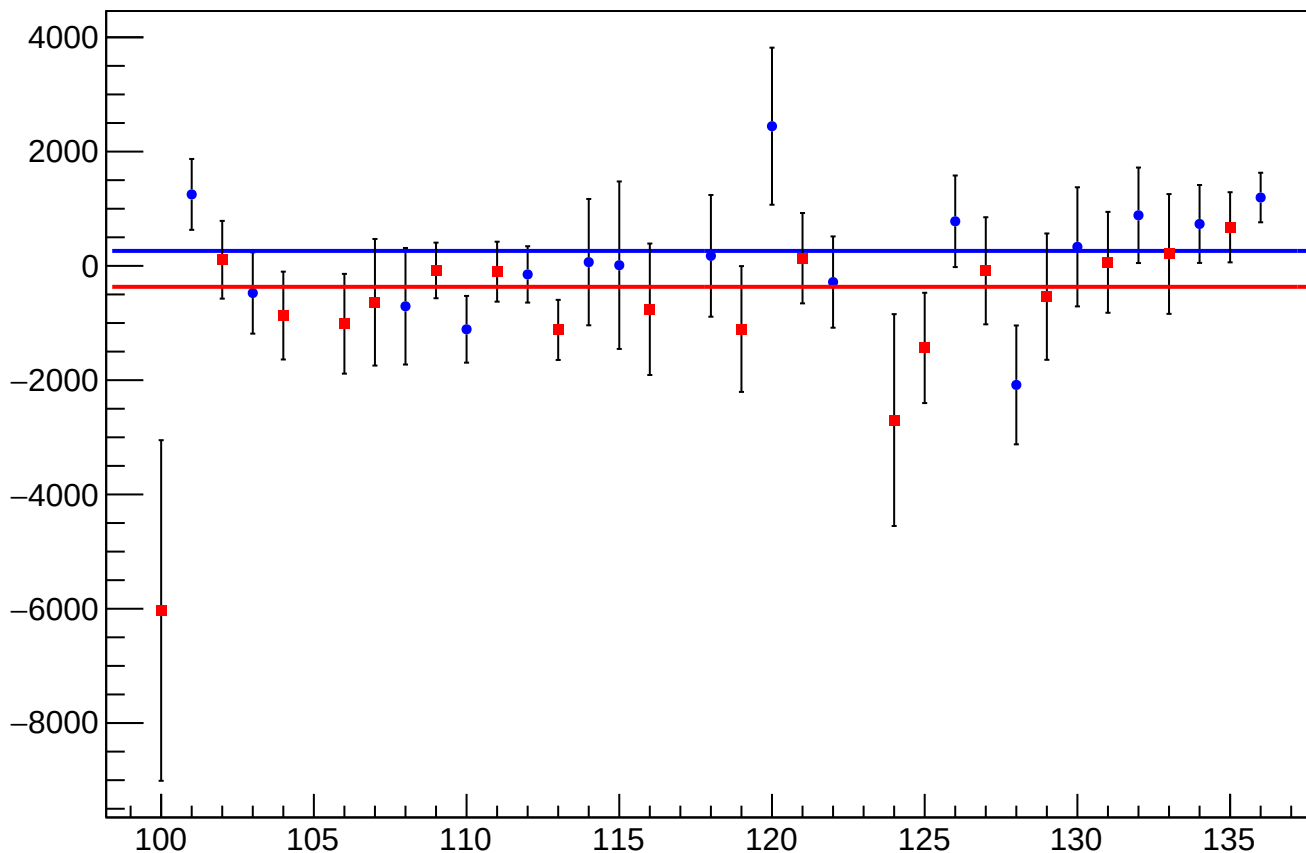
Right: 45.971+/-0.009 χ^2/NDF : 1017972.9/33

In: 45.727+/-0.012 χ^2/NDF : 501463.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.971+/-0.009 χ^2/NDF : 1017972.9/33

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: -366.475 $\pm$ 185.948 χ^2 /NDF: 15.1/17

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

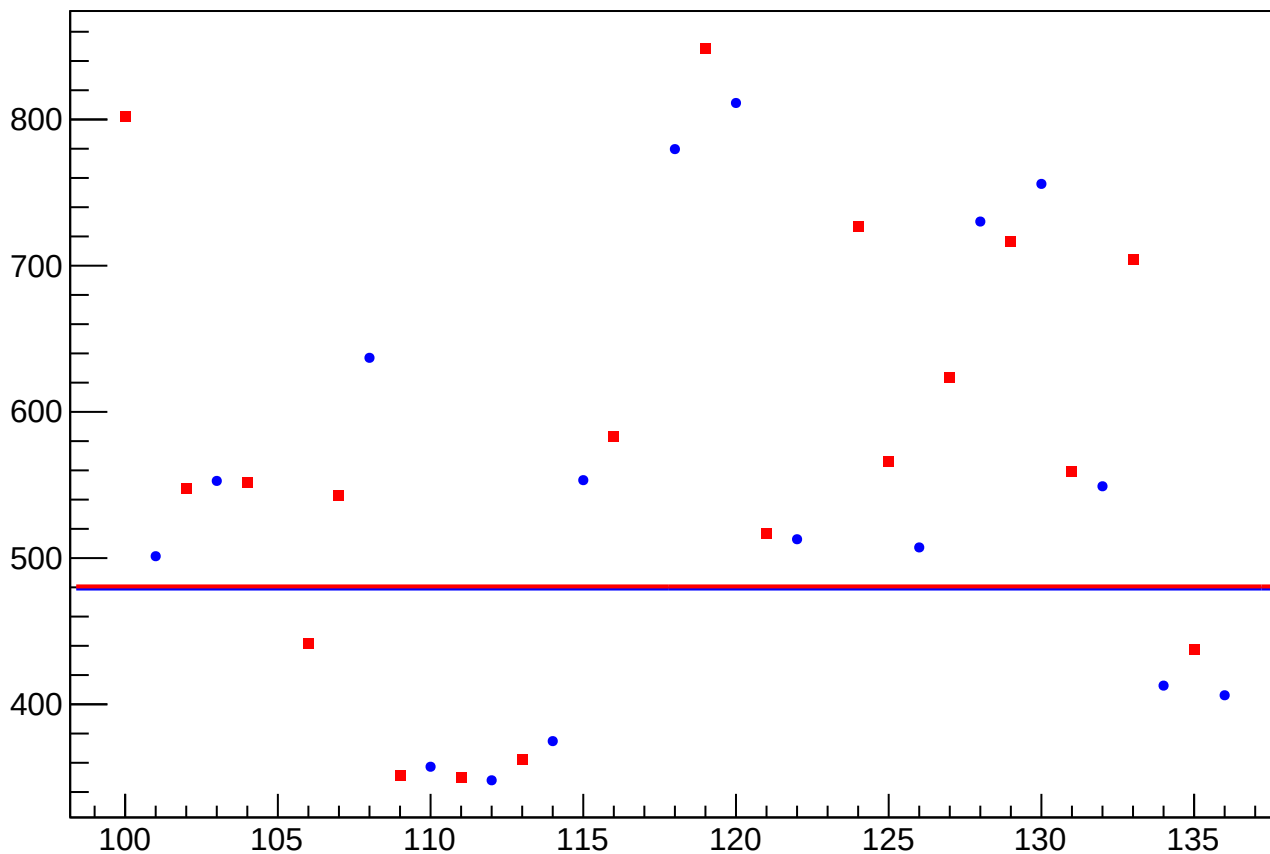
Right: -51.017 $\pm$ 131.224 χ^2 /NDF: 45.8/33

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: -51.017 $\pm$ 131.224 χ^2 /NDF: 45.8/33

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: 480.618+/-0.131 χ^2/NDF : 985114.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

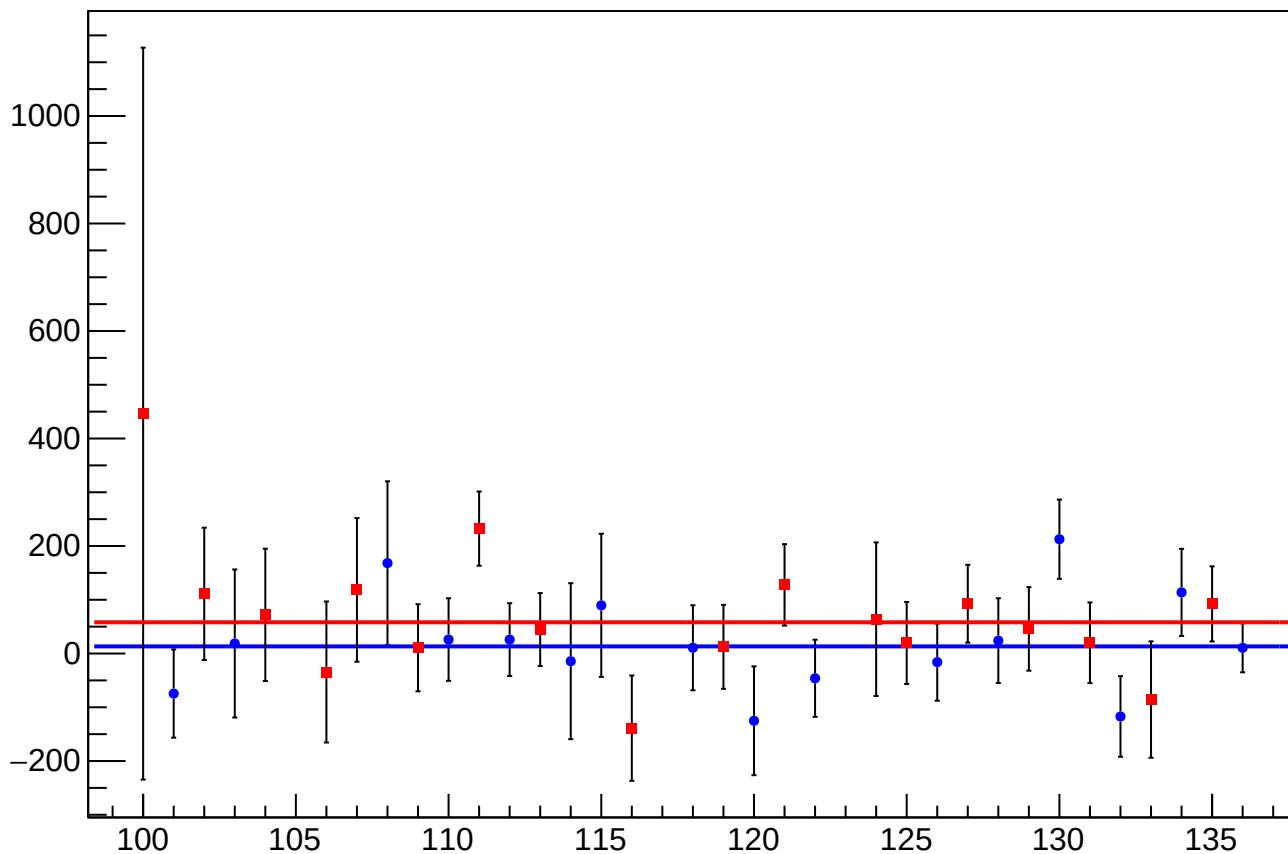
Right: 479.896+/-0.093 χ^2/NDF : 1937897.1/33

In: 479.180+/-0.131 χ^2/NDF : 952722.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 479.896+/-0.093 χ^2/NDF : 1937897.1/33

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: 58.095+/-20.785 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

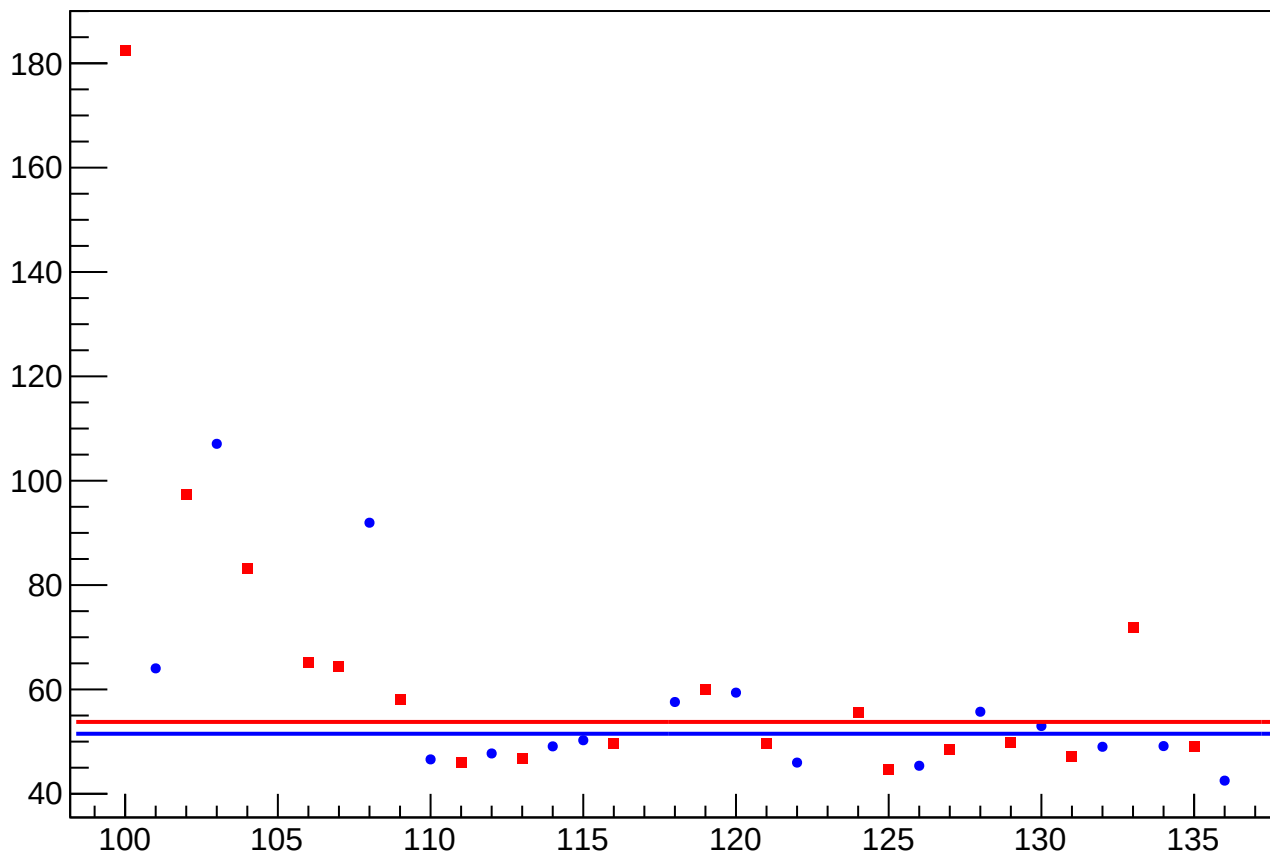
Right: 34.648+/-14.355 χ^2/NDF : 35.6/33

In: 13.266+/-19.849 χ^2/NDF : 17.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.648+/-14.355 χ^2/NDF : 35.6/33

dit_asym_sam_15_37_dd_rms vs Slug, Sign Corrected



Right In: 51.506+/-0.014 χ^2/NDF : 667059.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.772+/-0.015 χ^2/NDF : 665161.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

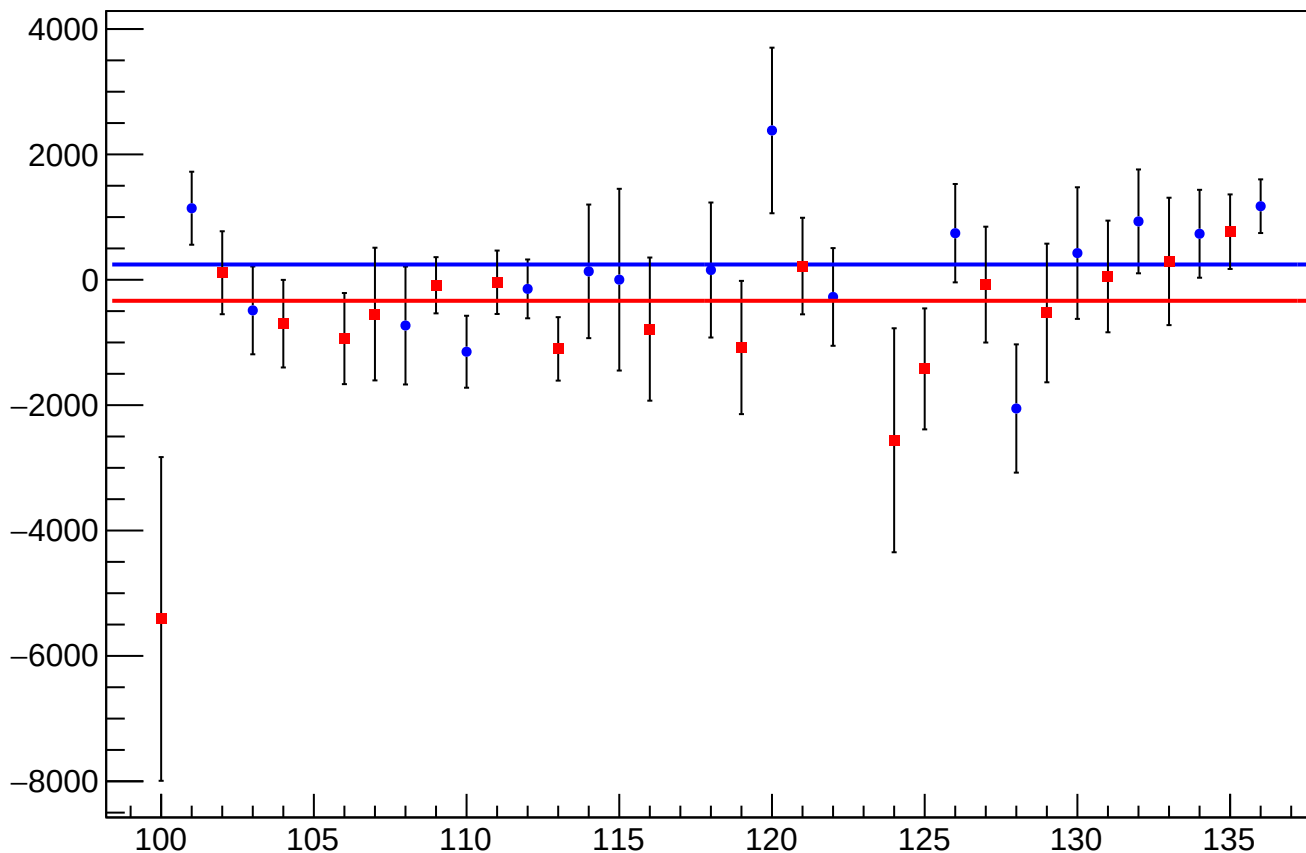
Right: 52.587+/-0.010 χ^2/NDF : 1344661.9/33

In: 51.506+/-0.014 χ^2/NDF : 667059.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.587+/-0.010 χ^2/NDF : 1344661.9/33

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: -335.305 $\pm$ 177.252 χ^2 /NDF: 16.4/17

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

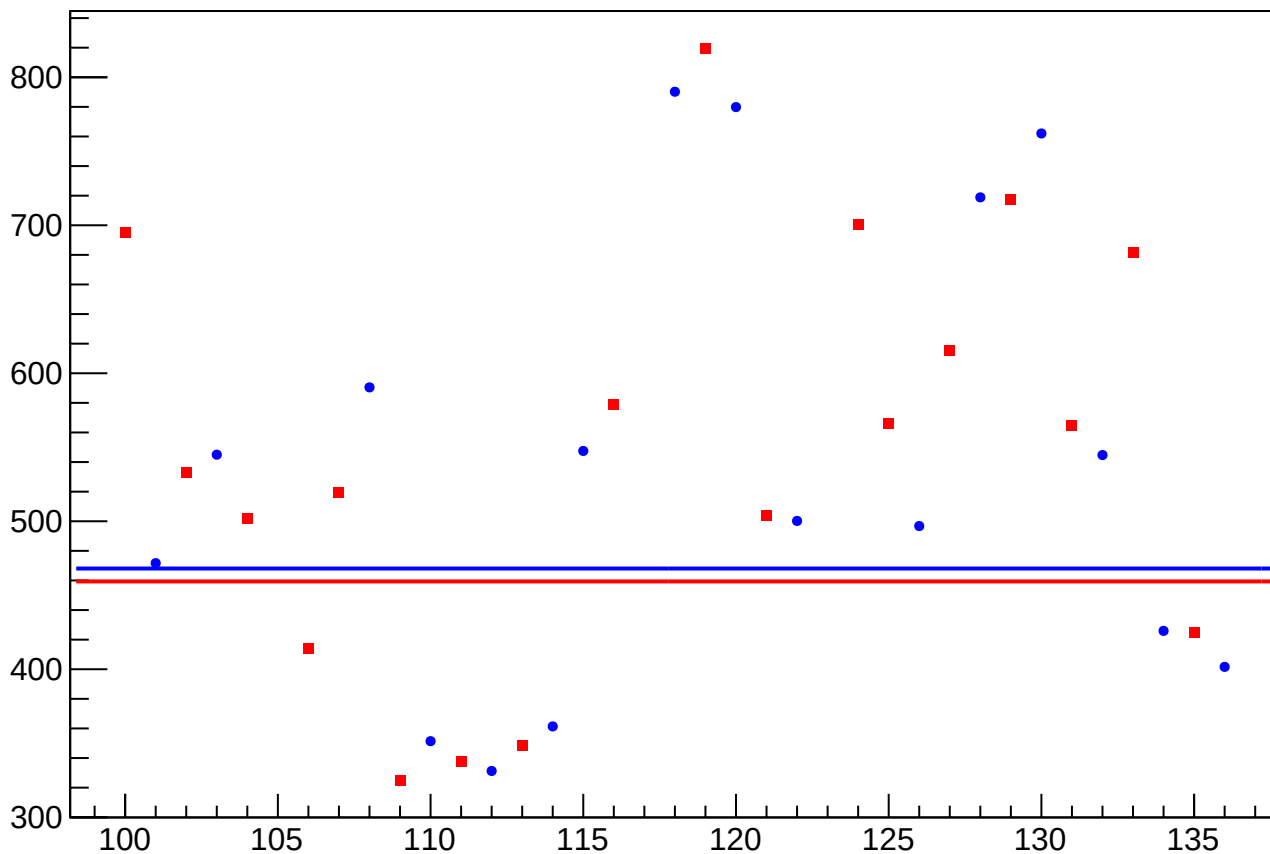
Right: -51.593 $\pm$ 126.597 χ^2 /NDF: 47.2/33

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: -51.593 $\pm$ 126.597 χ^2 /NDF: 47.2/33

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: 459.343+/-0.125 χ^2/NDF : 1069556.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

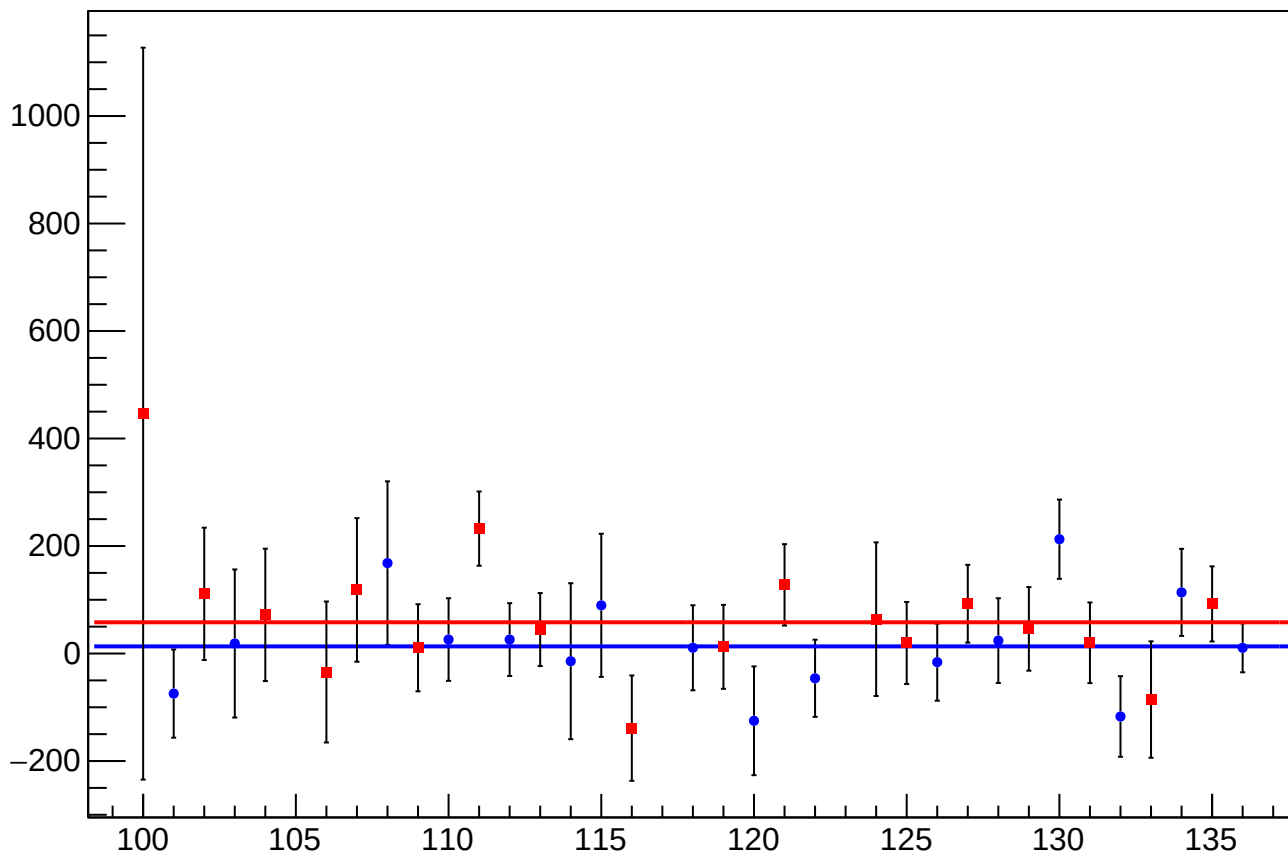
Right: 463.616+/-0.090 χ^2/NDF : 2054844.6/33

In: 468.066+/-0.128 χ^2/NDF : 982915.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.616+/-0.090 χ^2/NDF : 2054844.6/33

eigen_dit_asym_sam_15_37_dd_mean vs Slug, Sign Corrected



Right In: 13.266 $\pm$ 19.849 χ^2 /NDF: 17.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.096 $\pm$ 20.785 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

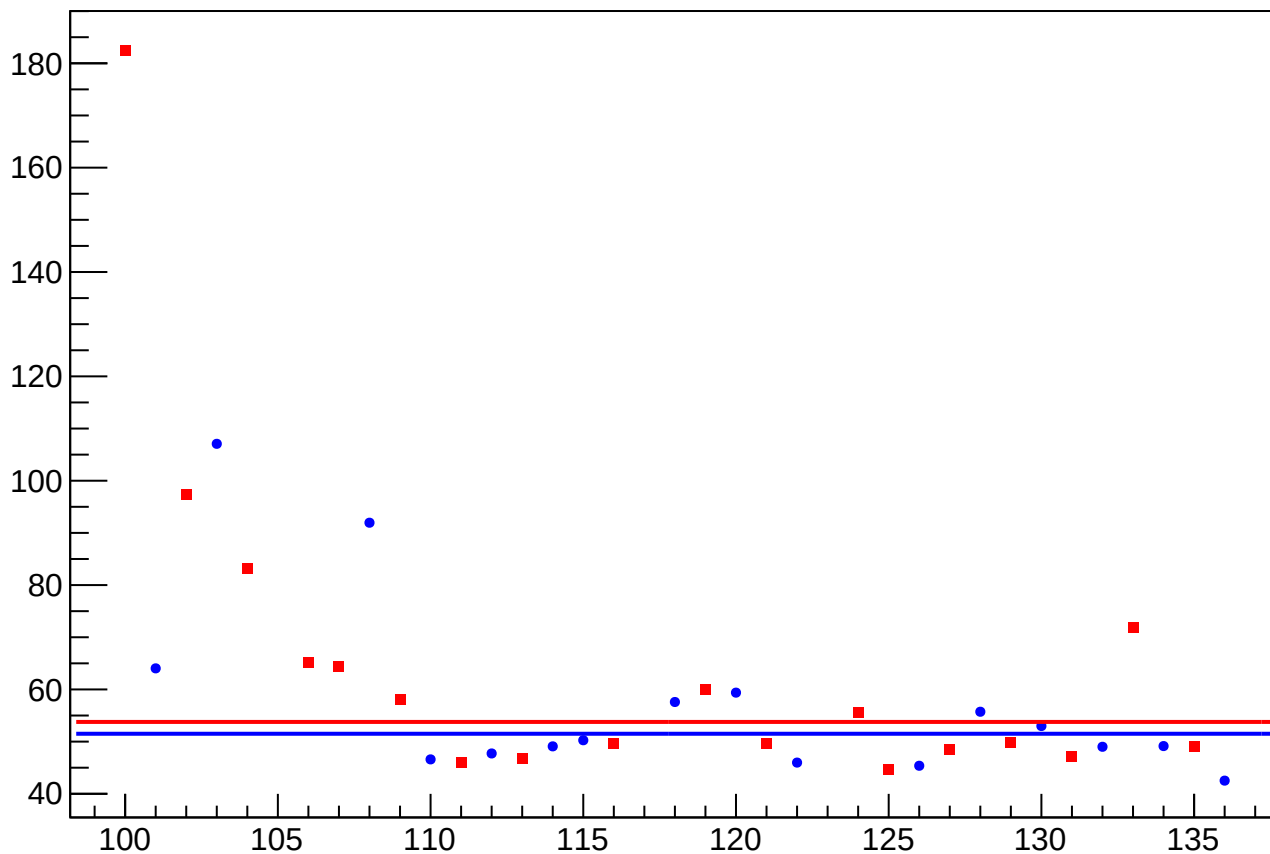
Right: 34.649 $\pm$ 14.355 χ^2 /NDF: 35.6/33

In: 13.266 $\pm$ 19.849 χ^2 /NDF: 17.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.649 $\pm$ 14.355 χ^2 /NDF: 35.6/33

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: 53.772+/-0.015 χ^2/NDF : 665166.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

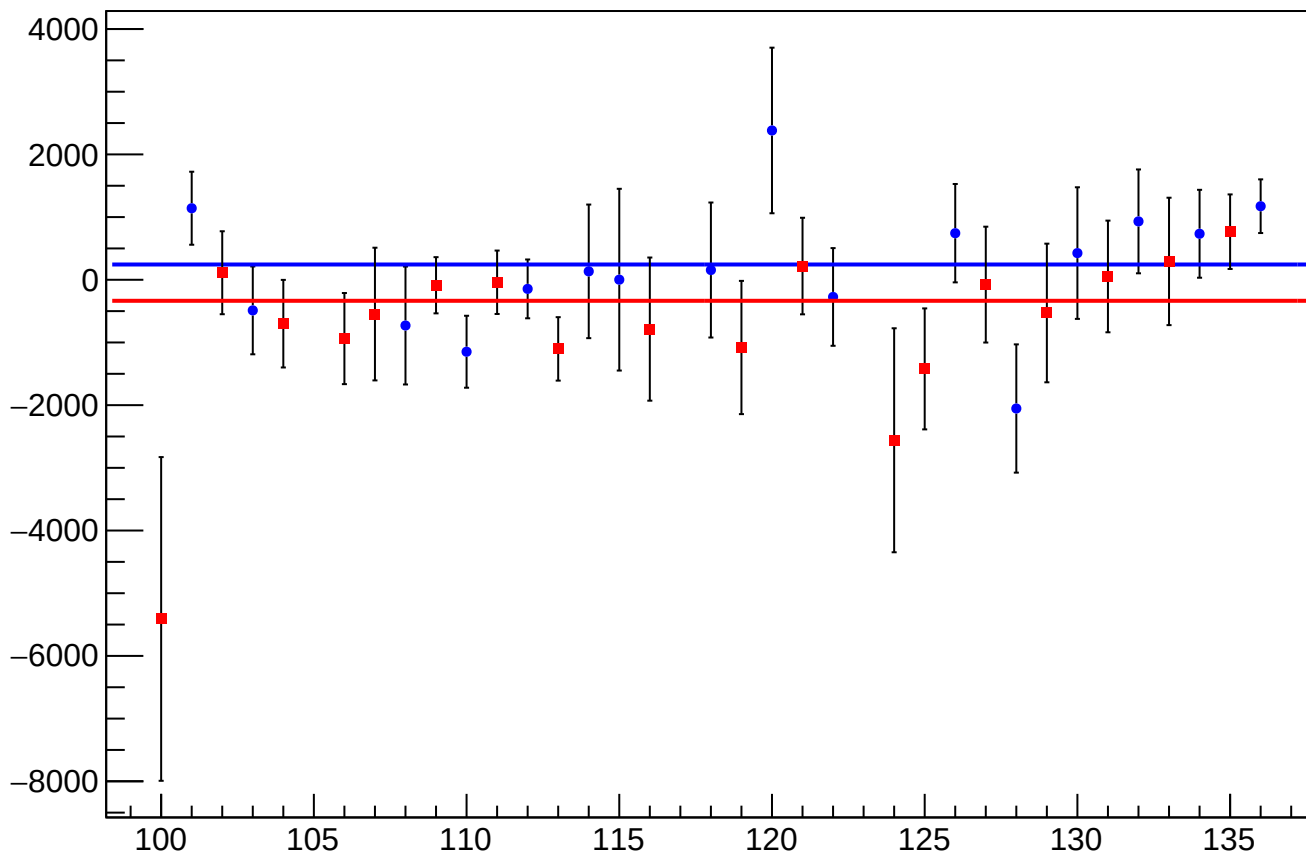
Right: 52.587+/-0.010 χ^2/NDF : 1344673.3/33

In: 51.506+/-0.014 χ^2/NDF : 667064.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.587+/-0.010 χ^2/NDF : 1344673.3/33

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: 243.826+/-180.872 χ^2/NDF : 25.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -335.305+/-177.252 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

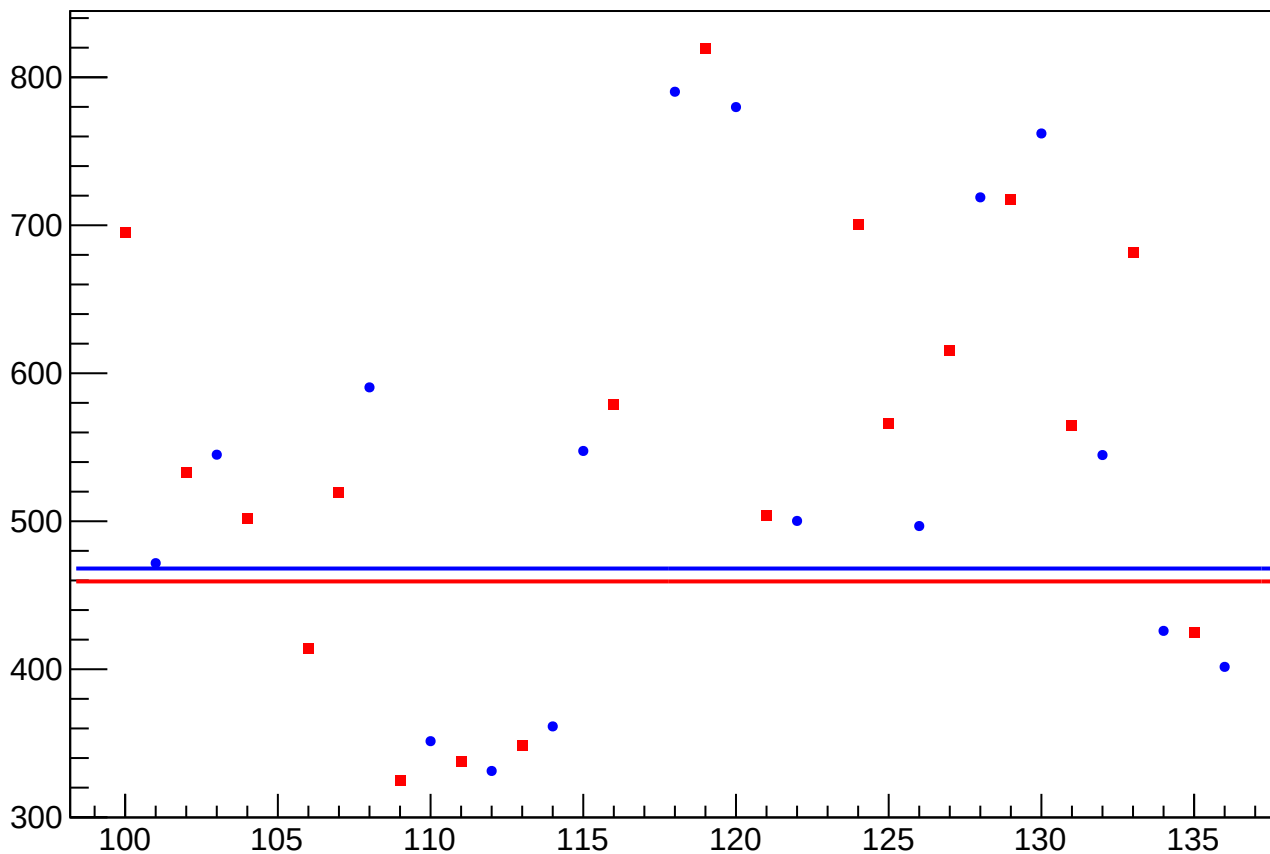
Right: -51.593+/-126.596 χ^2/NDF : 47.2/33

In: 243.826+/-180.872 χ^2/NDF : 25.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.593+/-126.596 χ^2/NDF : 47.2/33

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug, Sign Corrected



Right In: 468.065+/-0.128 χ^2/NDF : 982915.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 459.342+/-0.125 χ^2/NDF : 1069554.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

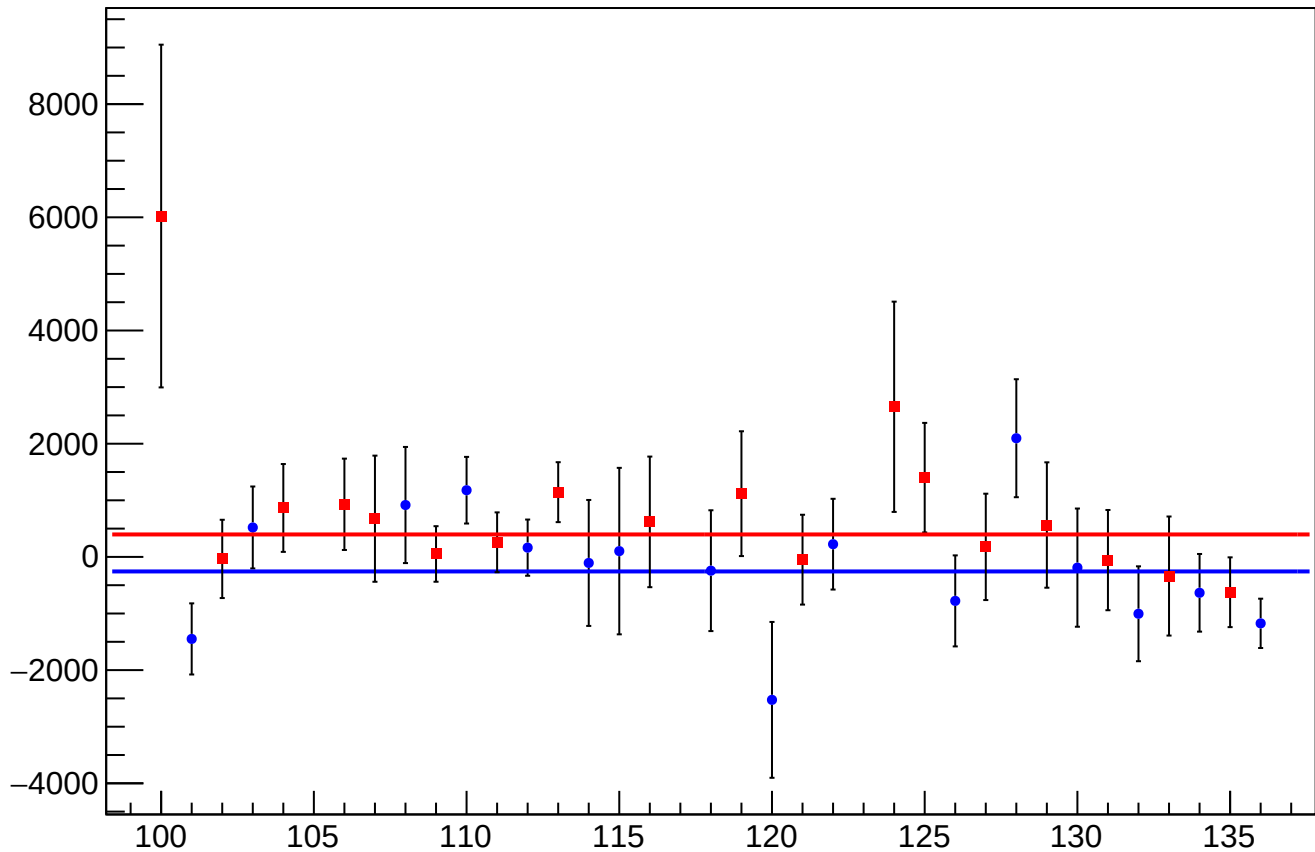
Right: 463.615+/-0.090 χ^2/NDF : 2054842.8/33

In: 468.065+/-0.128 χ^2/NDF : 982915.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.615+/-0.090 χ^2/NDF : 2054842.8/33

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: 396.850+/-186.403 χ^2 /NDF: 14.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

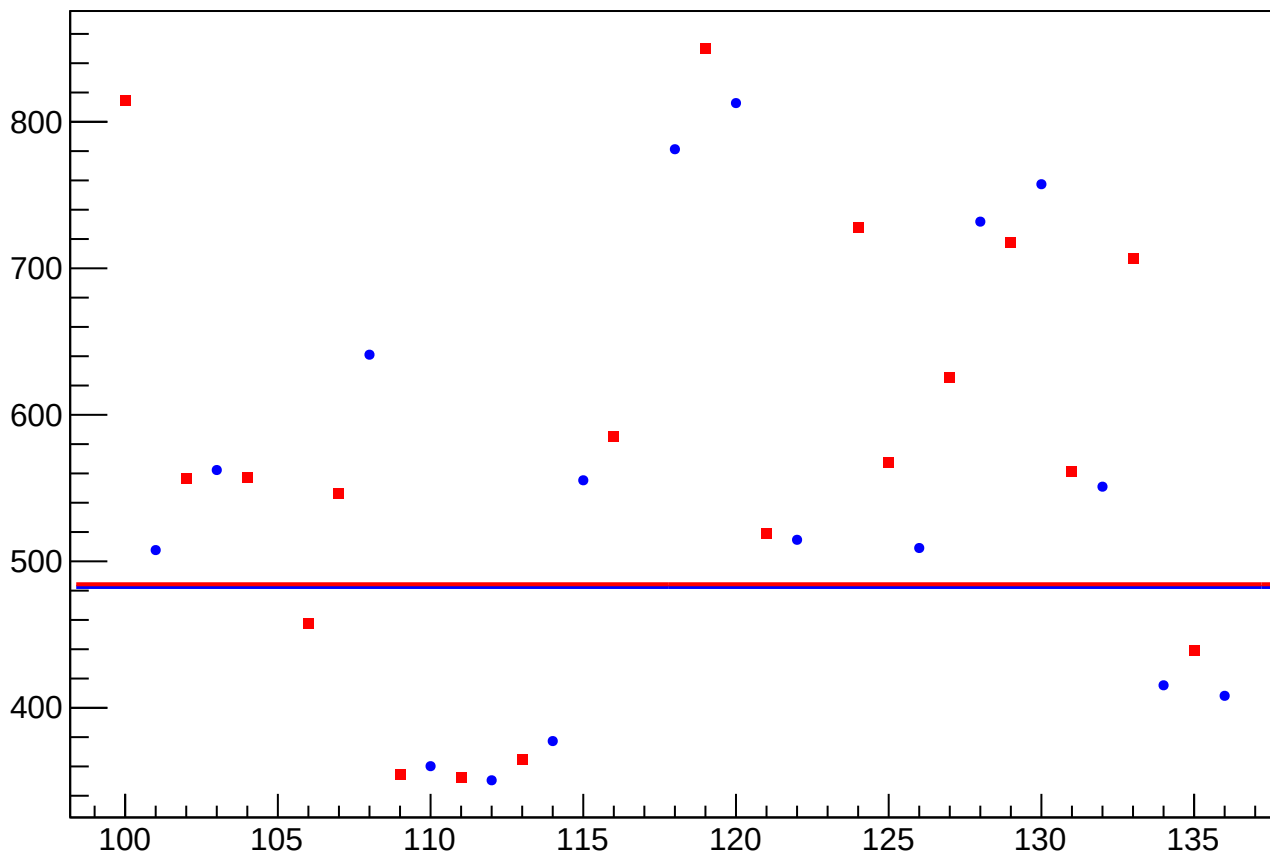
Right: 70.154+/-131.827 χ^2 /NDF: 47.2/33

In: -256.748+/-186.462 χ^2 /NDF:26.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 70.154+/-131.827 χ^2 /NDF: 47.2/33

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: 484.355 $\pm$ 0.132 χ^2 /NDF: 974457.2/17

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

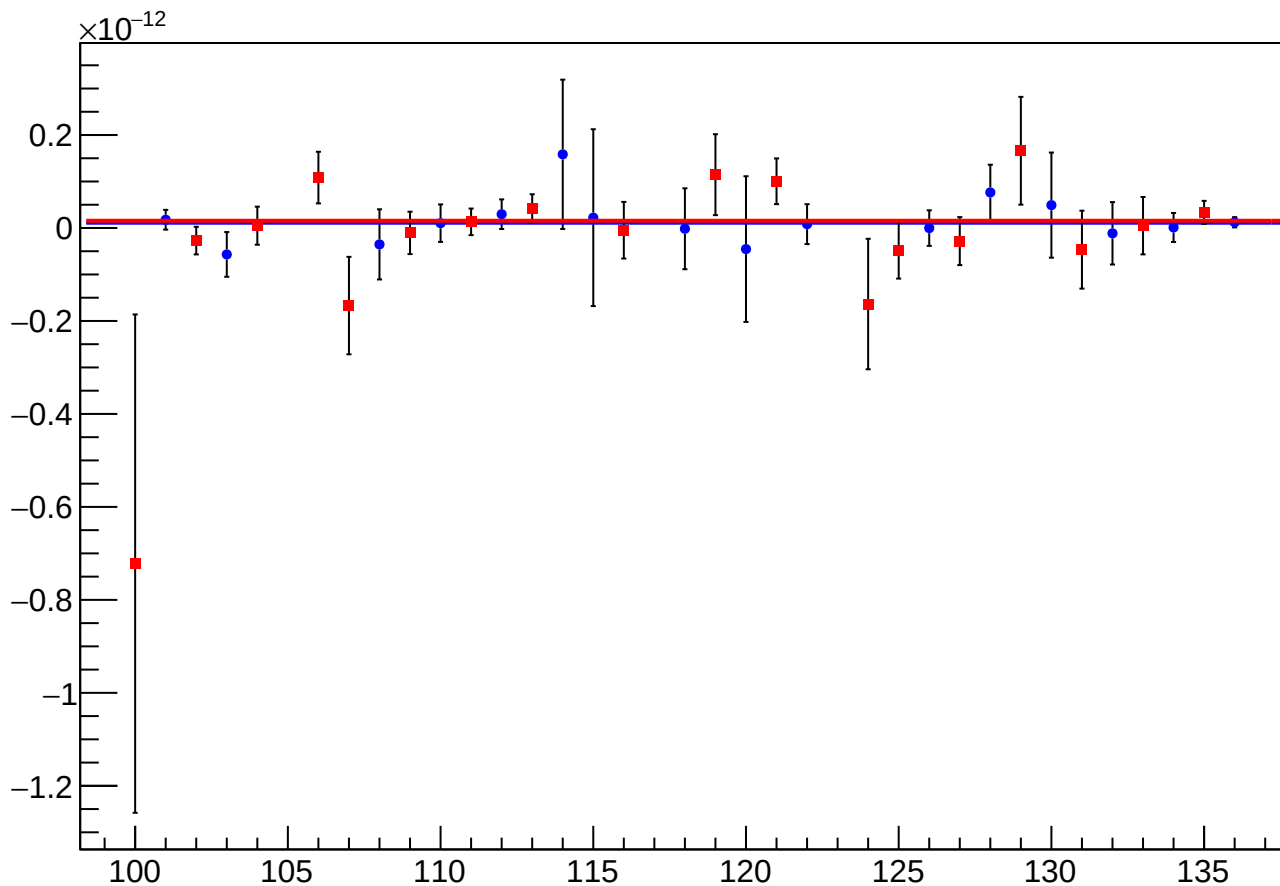
Right: 483.434 $\pm$ 0.093 χ^2 /NDF: 1921081.0/33

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: 483.434 $\pm$ 0.093 χ^2 /NDF: 1921081.0/33

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 : 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

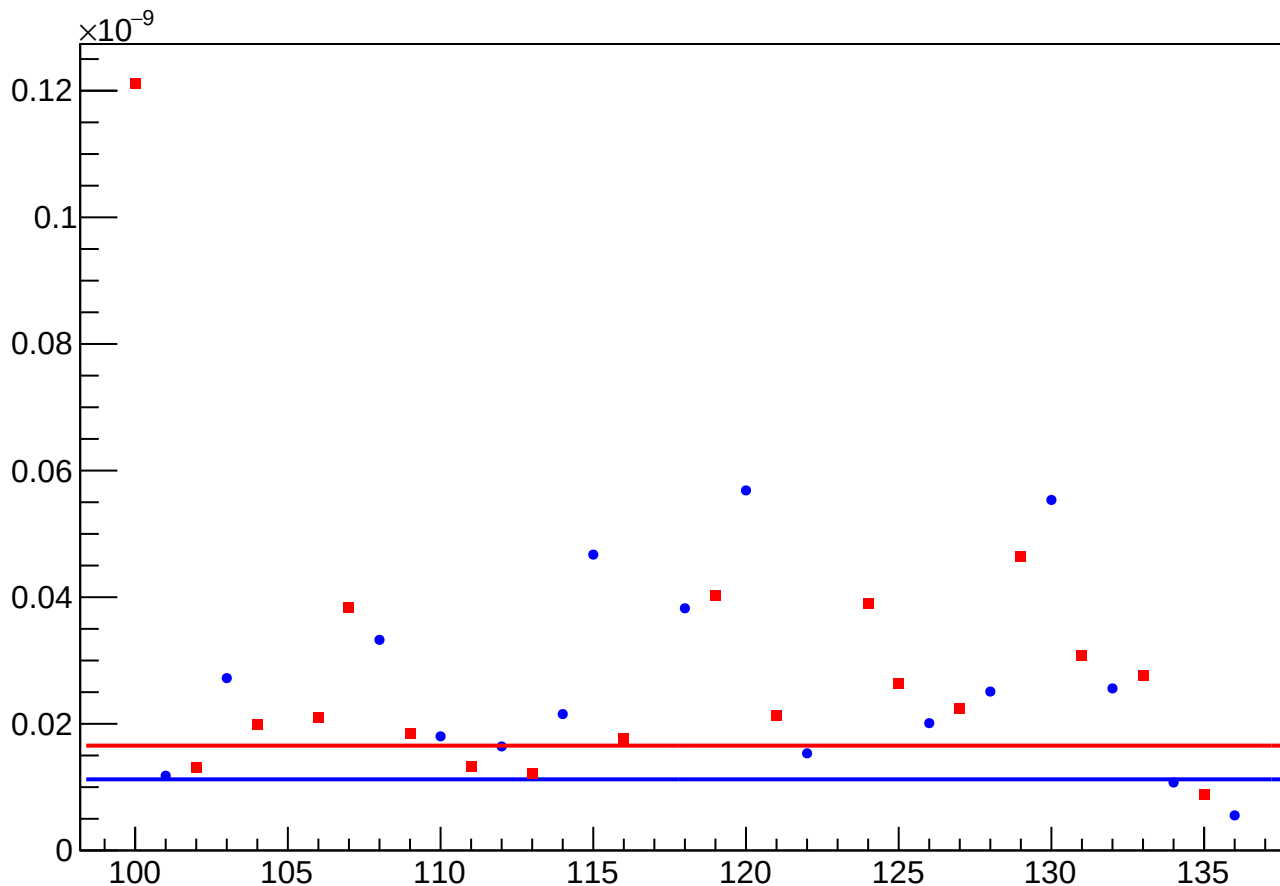
Right: 0.000+/-0.000 χ^2/NDF : 27.1/33

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 : 27.1/33

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 : 1028838.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

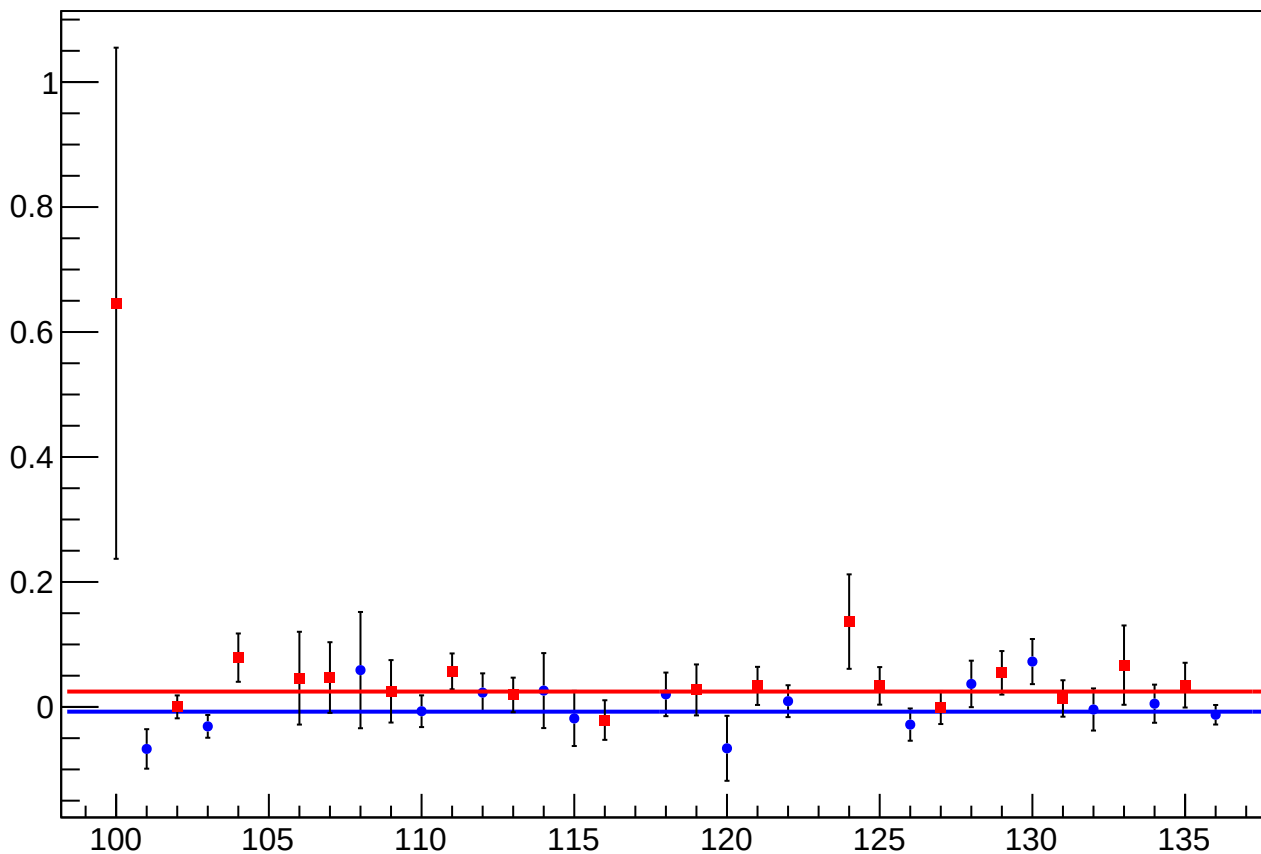
Right: 0.000+/-0.000 χ^2/NDF : 3445943.1/33

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 : 3445943.1/33

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: 0.025 ± 0.008 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

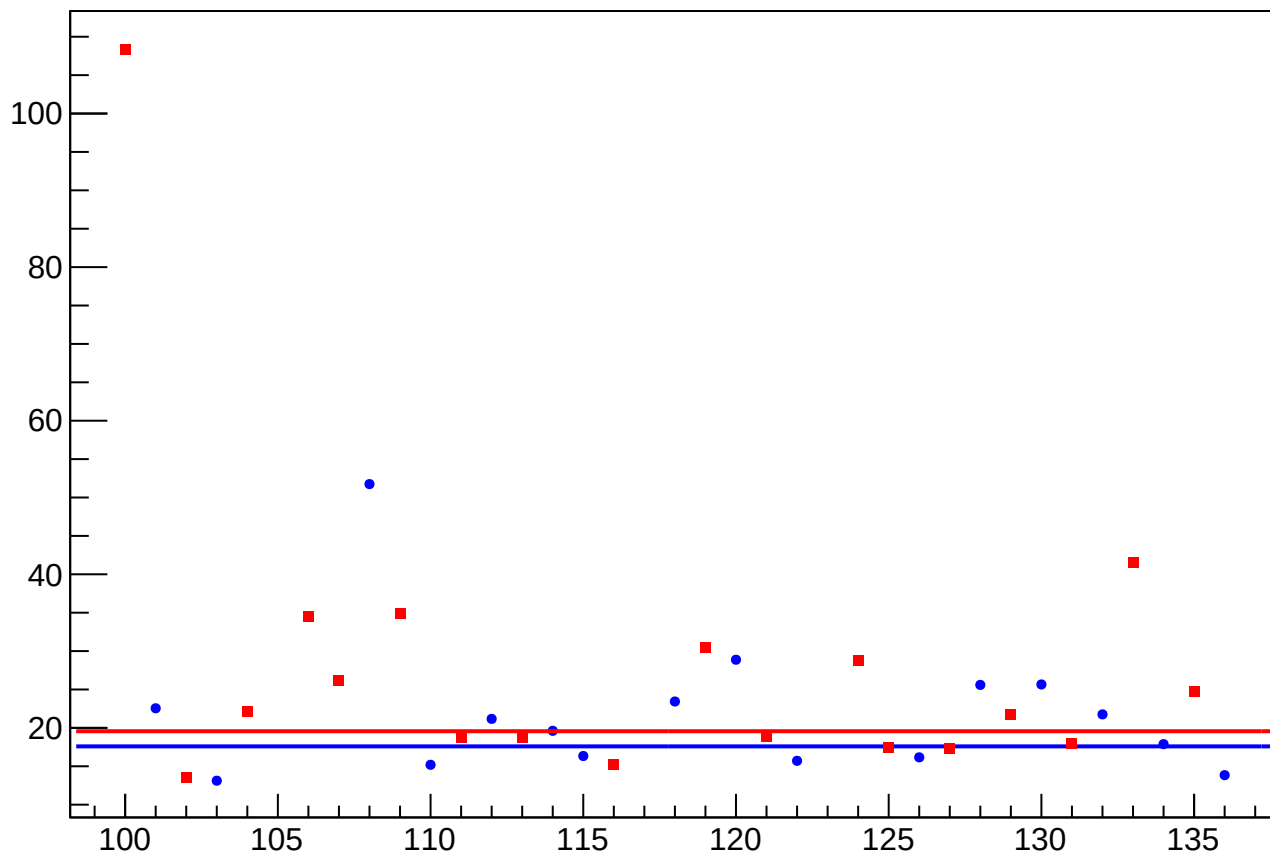
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/33

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 : 40.0/33

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: 19.565+/-0.006 χ^2/NDF : 1143544.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

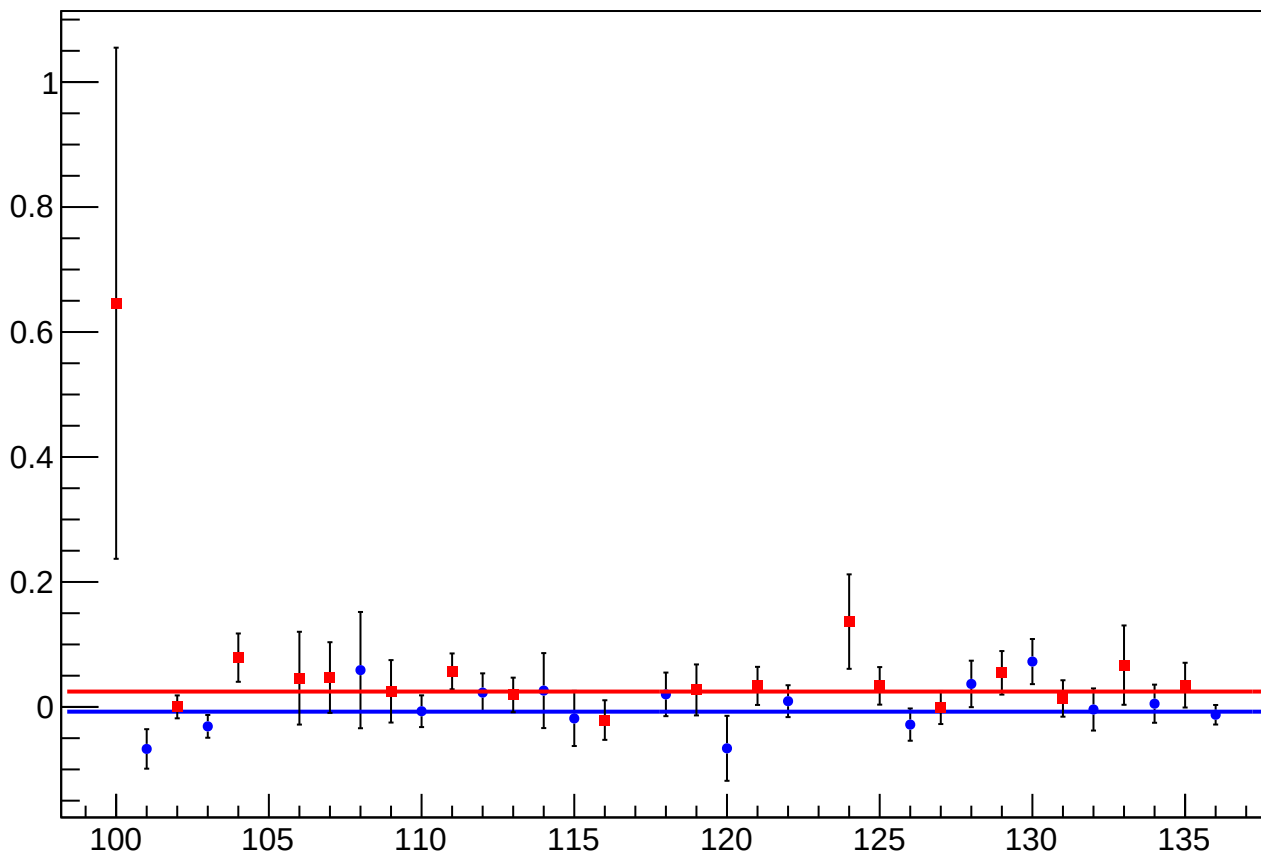
Right: 18.470+/-0.004 χ^2/NDF : 2203663.6/33

In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.470+/-0.004 χ^2/NDF : 2203663.6/33

asym_sam_15_37_dd_dit_vs_eigen_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: 0.025 ± 0.008 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

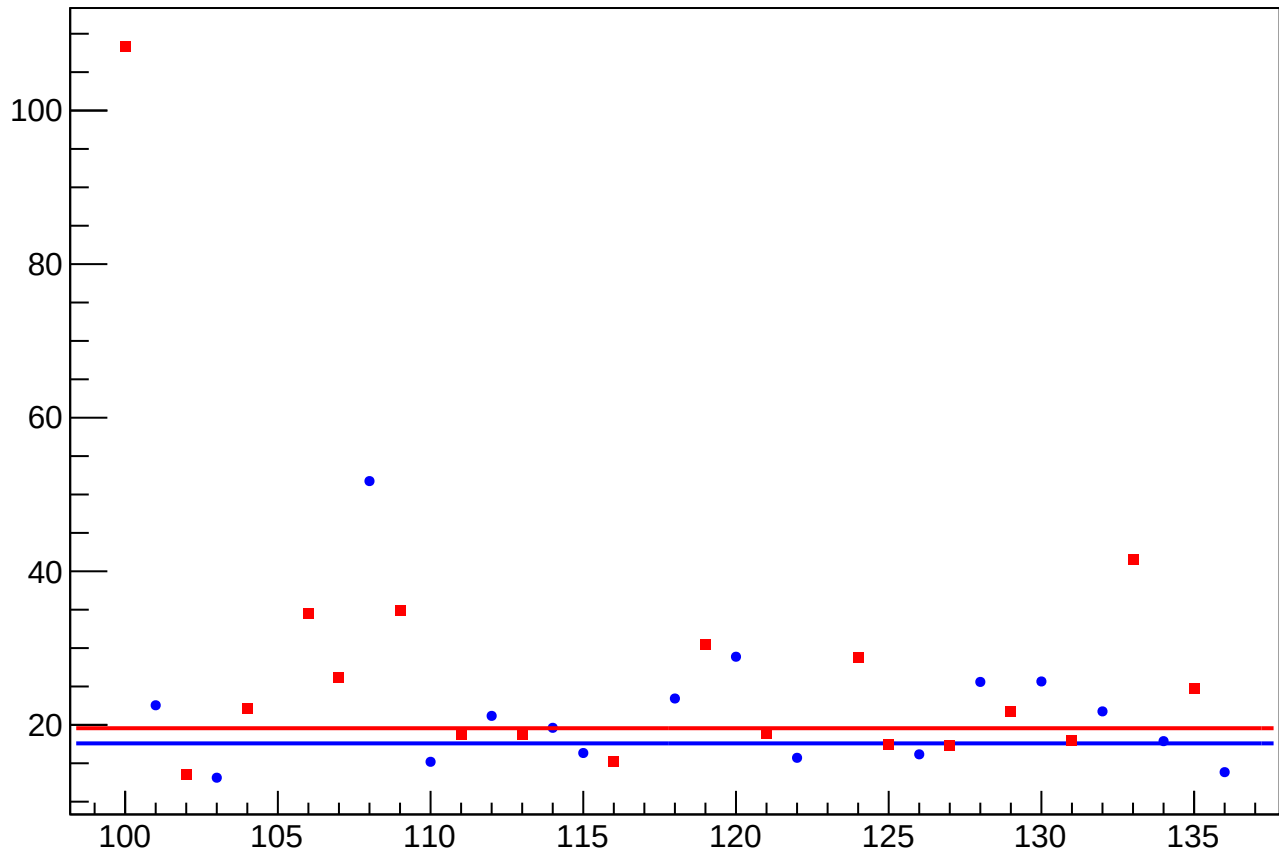
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/33

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 : 40.0/33

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: 19.565+/-0.006 χ^2/NDF : 1143544.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

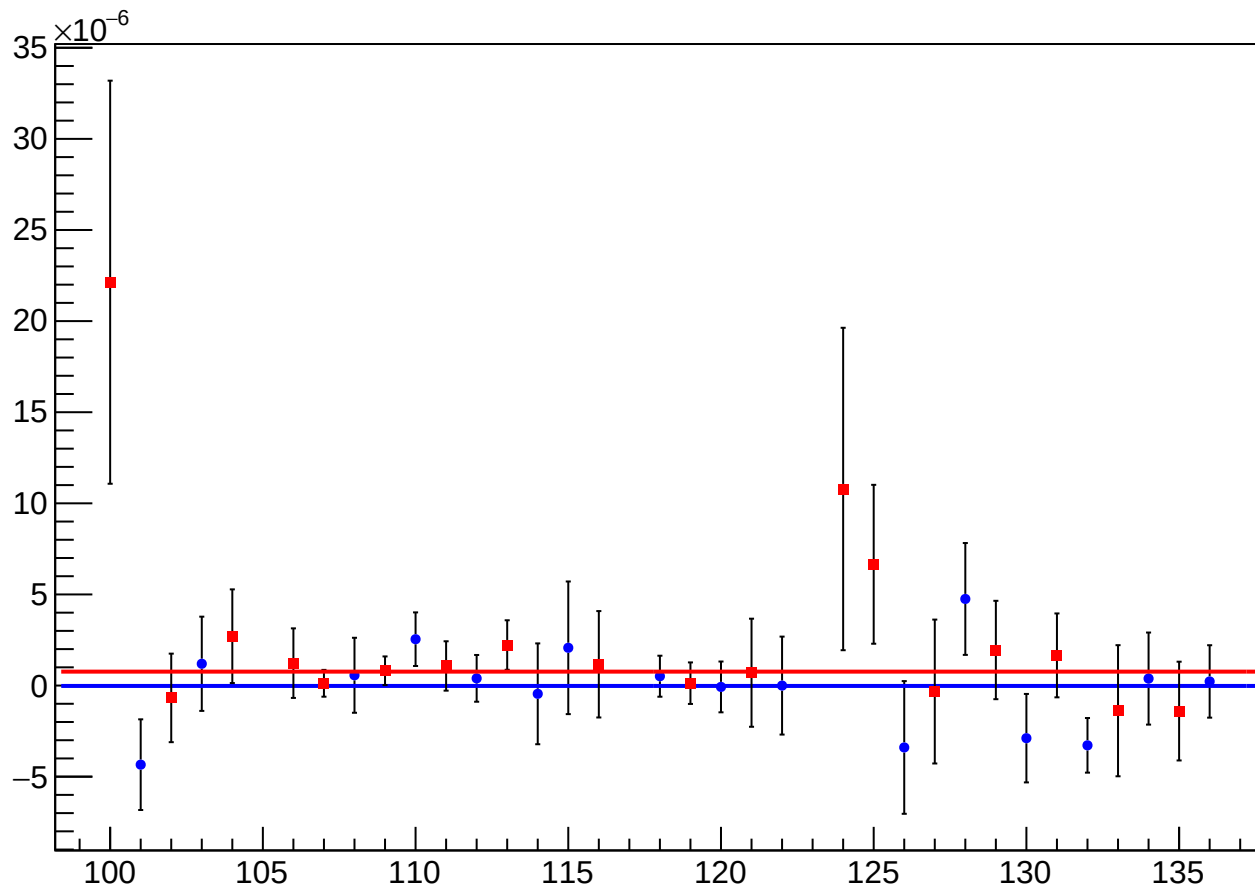
Right: 18.470+/-0.004 χ^2/NDF : 2203663.6/33

In: 17.591+/-0.005 χ^2/NDF : 993249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.470+/-0.004 χ^2/NDF : 2203663.6/33

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 : 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

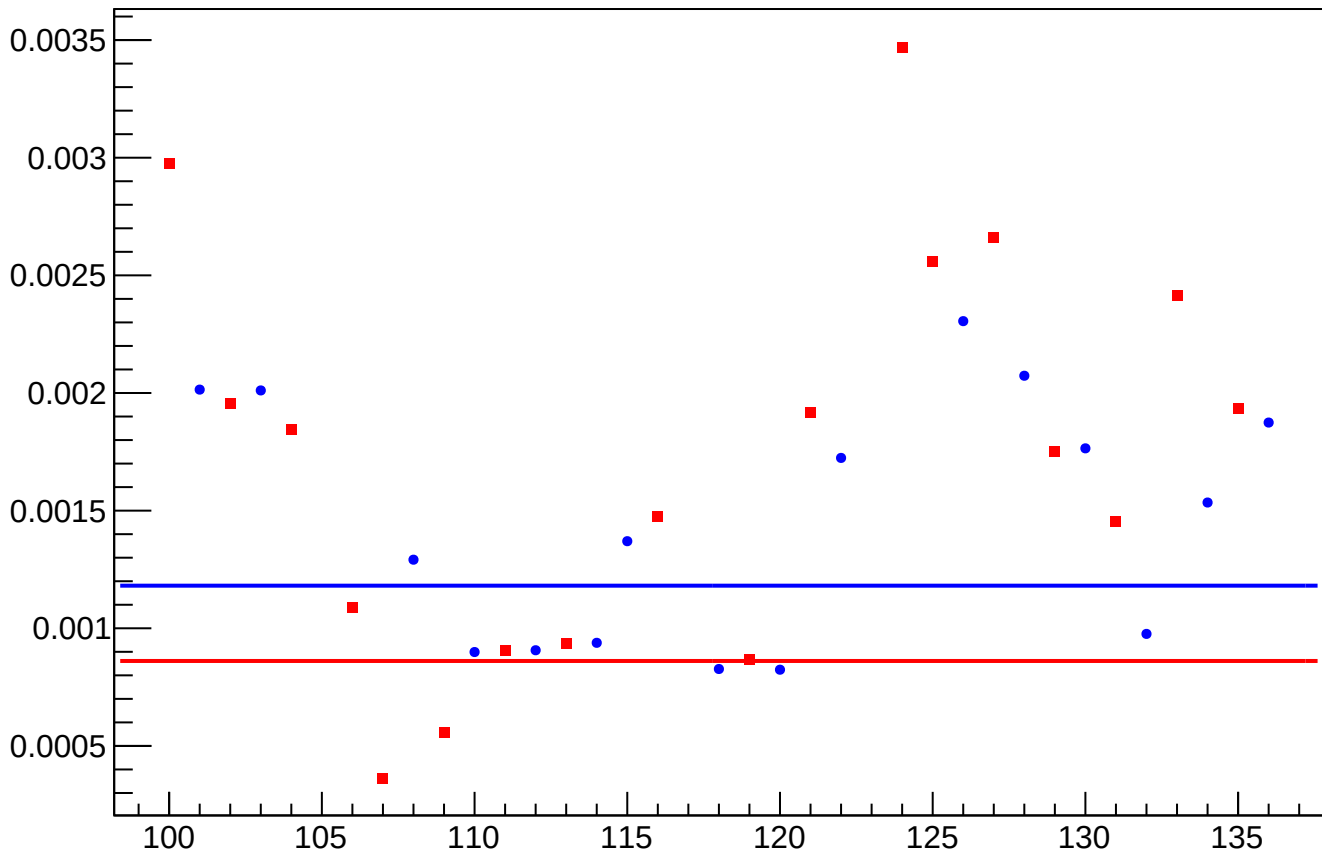
Right: 0.000+/-0.000 χ^2/NDF : 29.7/33

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 : 29.7/33

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 : 4303755.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

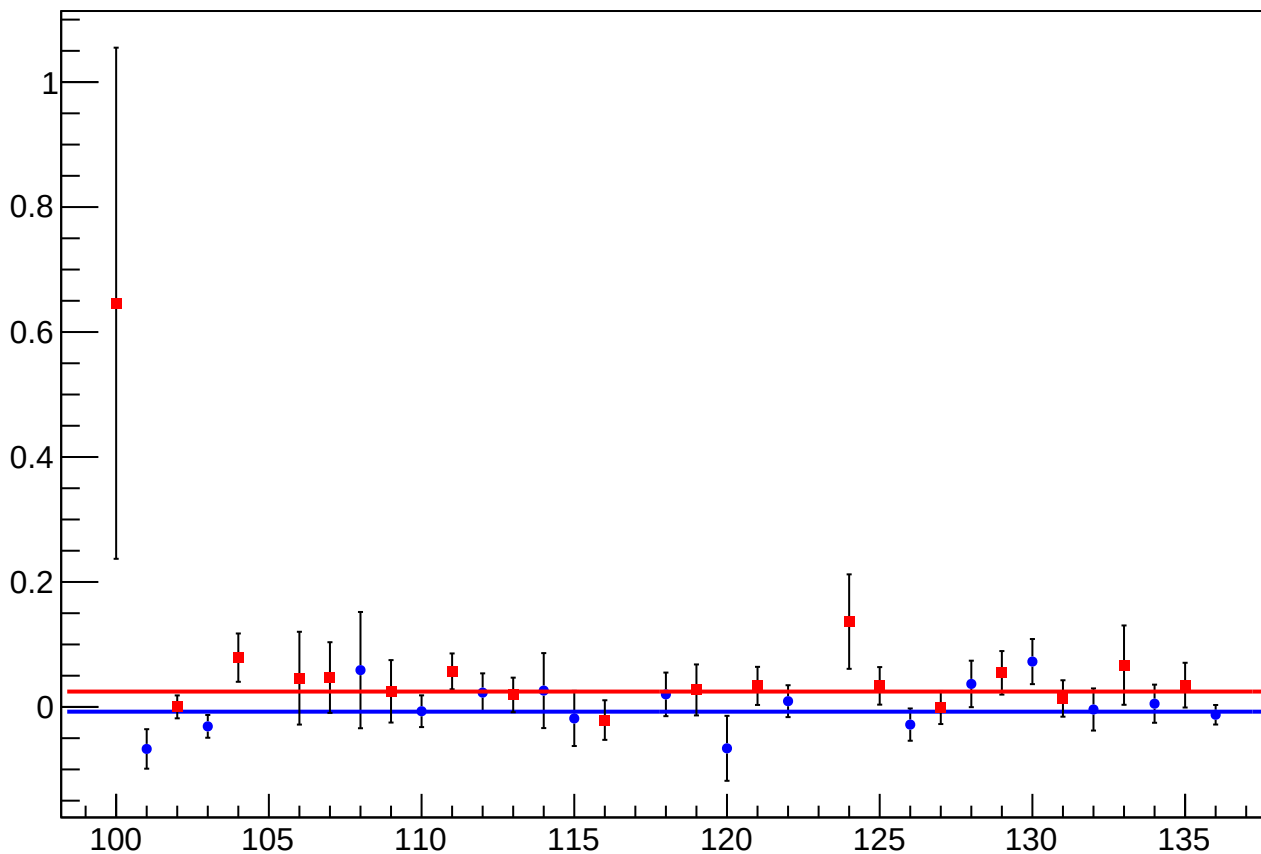
Right: 0.001+/-0.000 χ^2/NDF : 6685831.8/33

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 : 6685831.8/33

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: 0.025 ± 0.008 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

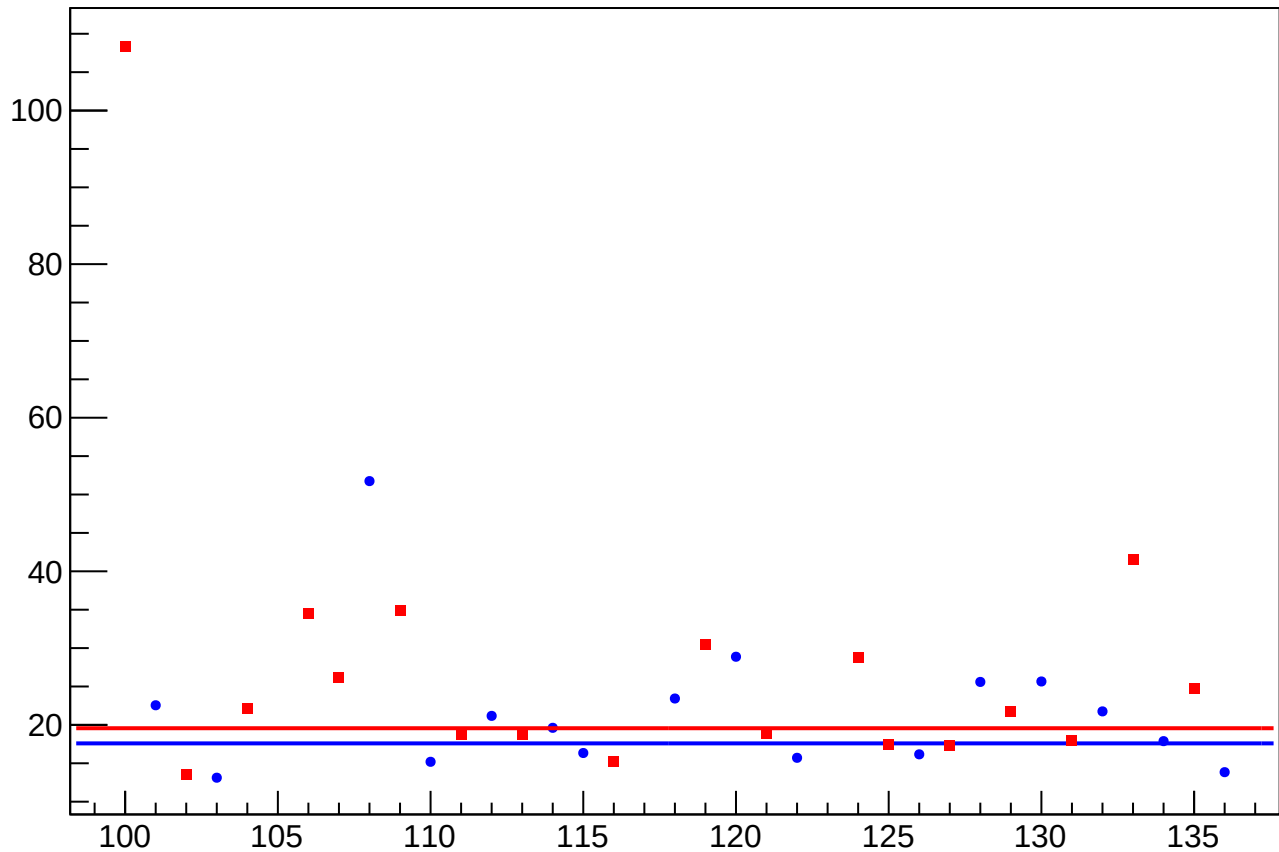
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/33

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 : 40.0/33

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: 19.565+/-0.006 χ^2/NDF : 1143375.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

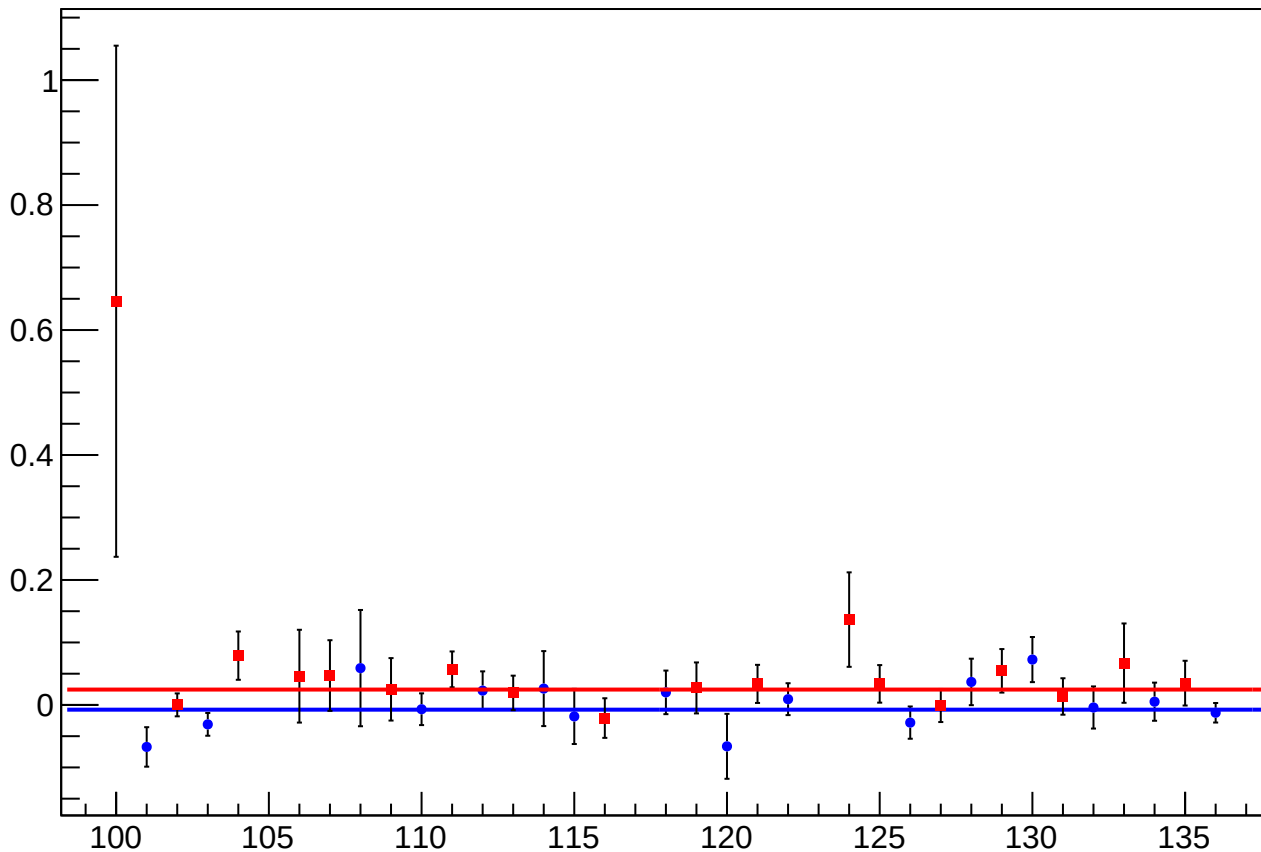
Right: 18.470+/-0.004 χ^2/NDF : 2203571.2/33

In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.470+/-0.004 χ^2/NDF : 2203571.2/33

asym_sam_15_37_dd_eigen_dit_vs_eigen_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: 0.025 ± 0.008 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

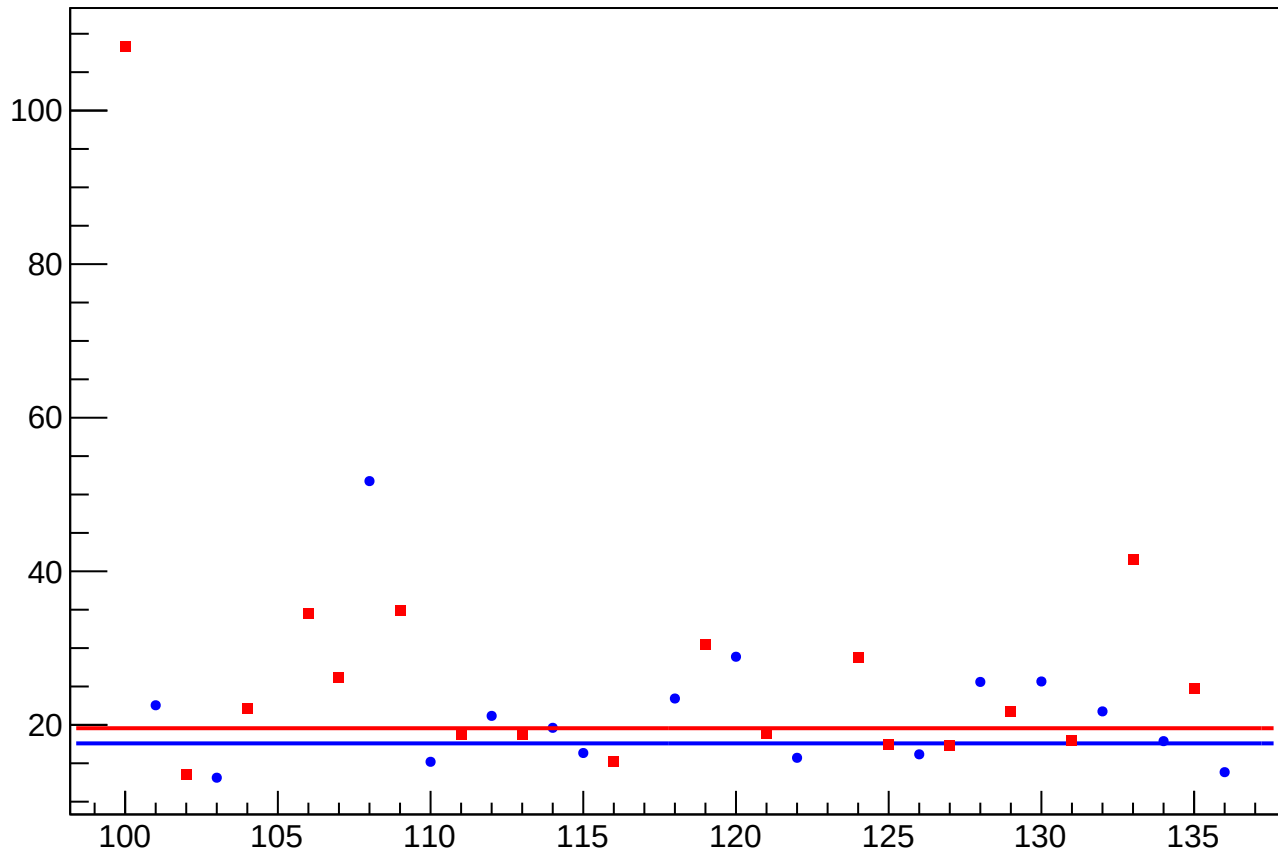
Right: 0.007 ± 0.005 χ^2/NDF : 40.0/33

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 : 40.0/33

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: 19.565+/-0.006 χ^2/NDF : 1143375.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

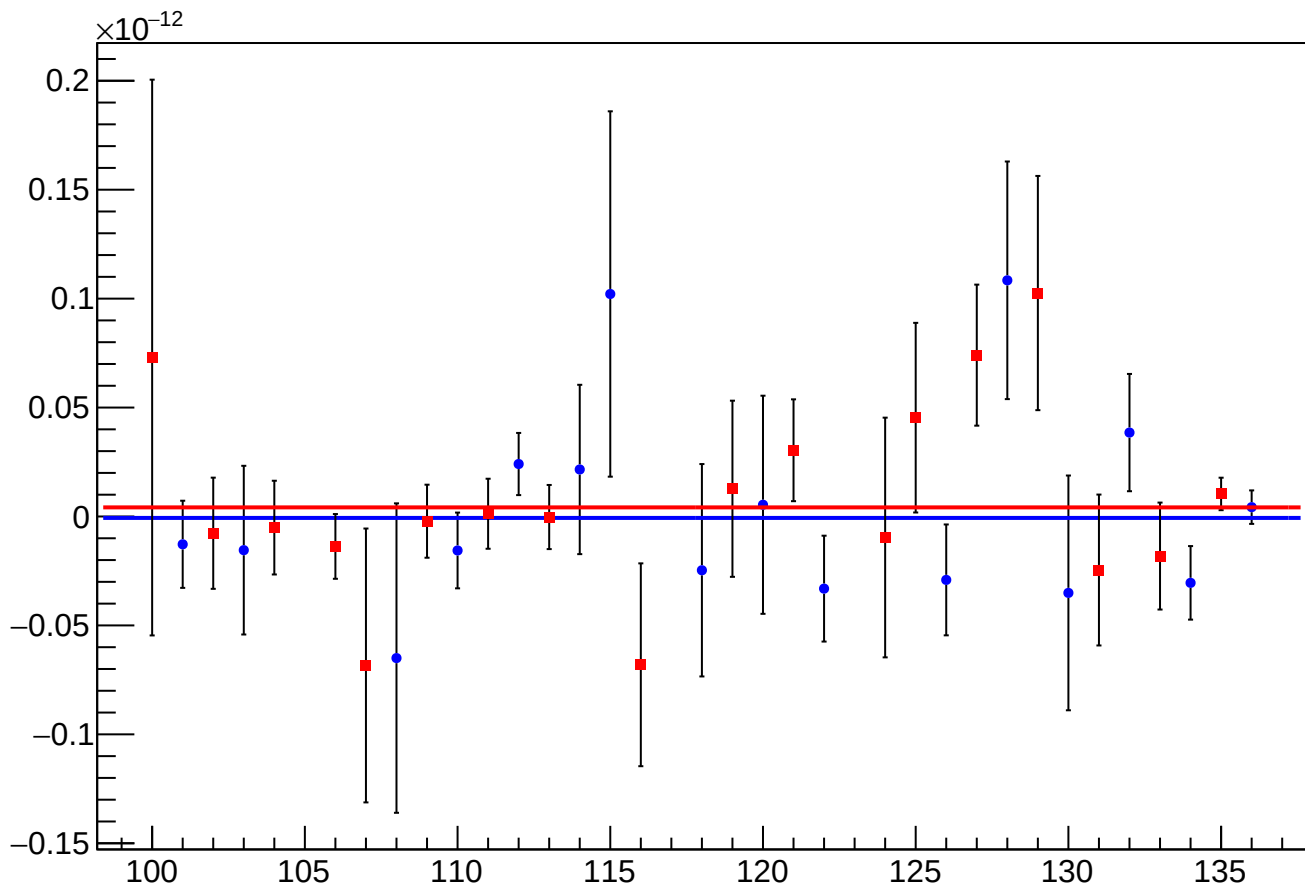
Right: 18.470+/-0.004 χ^2/NDF : 2203571.2/33

In: 17.591+/-0.005 χ^2/NDF : 993288.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.470+/-0.004 χ^2/NDF : 2203571.2/33

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 : 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

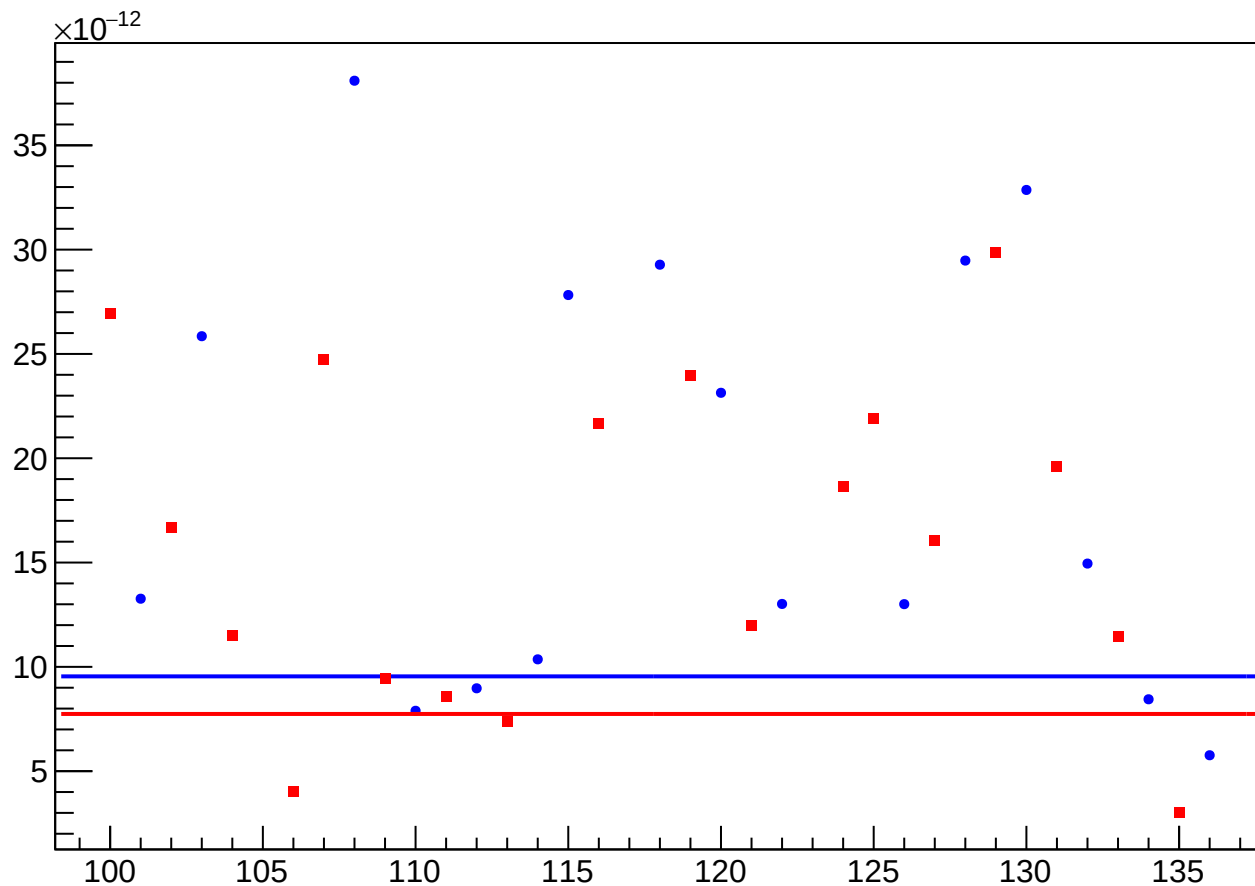
Right: 0.000+/-0.000 χ^2/NDF : 39.4/33

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 : 39.4/33

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 : 3067865.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

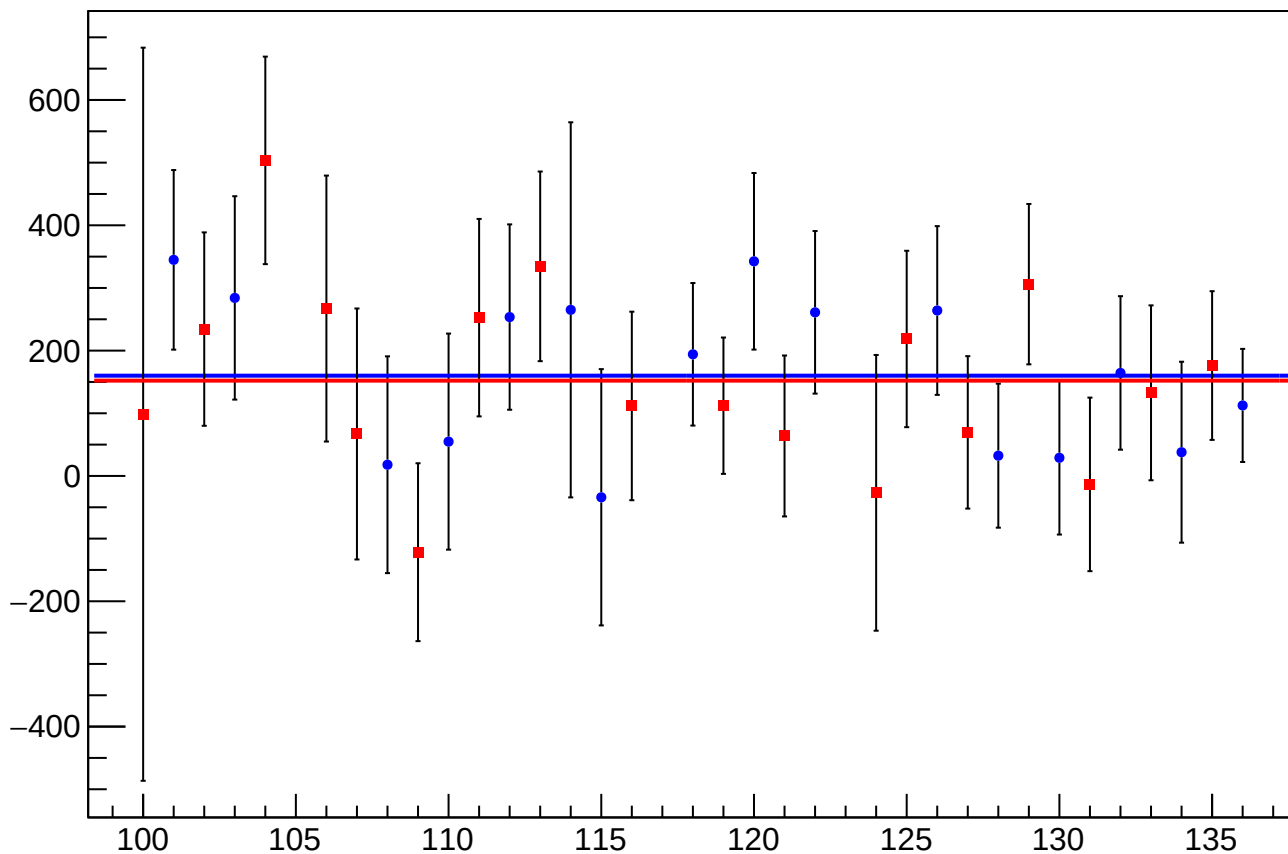
Right: 0.000+/-0.000 χ^2/NDF : 5837518.3/33

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 : 5837518.3/33

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: 152.108 $\pm$ 34.800 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

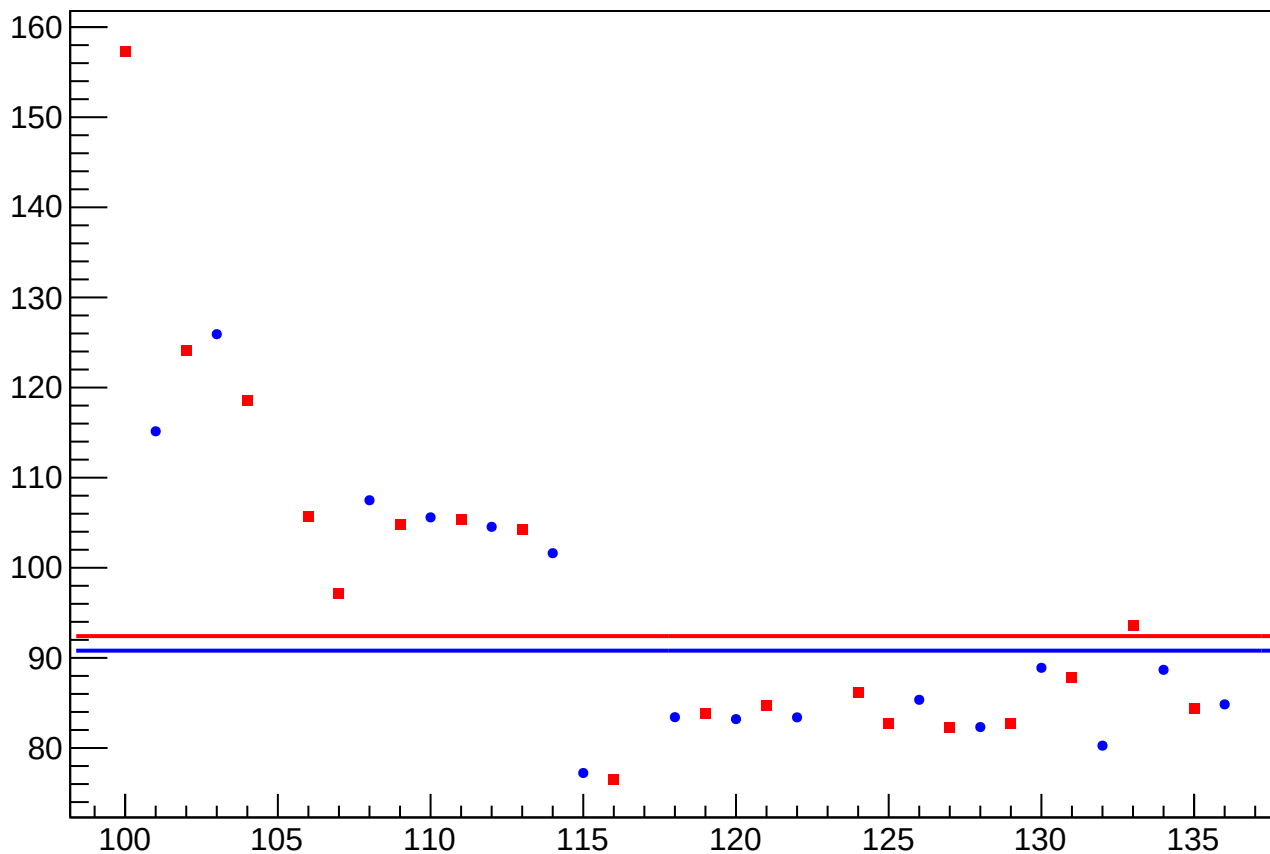
Right: 156.138 $\pm$ 24.381 χ^2 /NDF: 26.9/33

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: 156.138 $\pm$ 24.381 χ^2 /NDF: 26.9/33

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: 92.417+/-0.025 χ^2/NDF : 298281.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

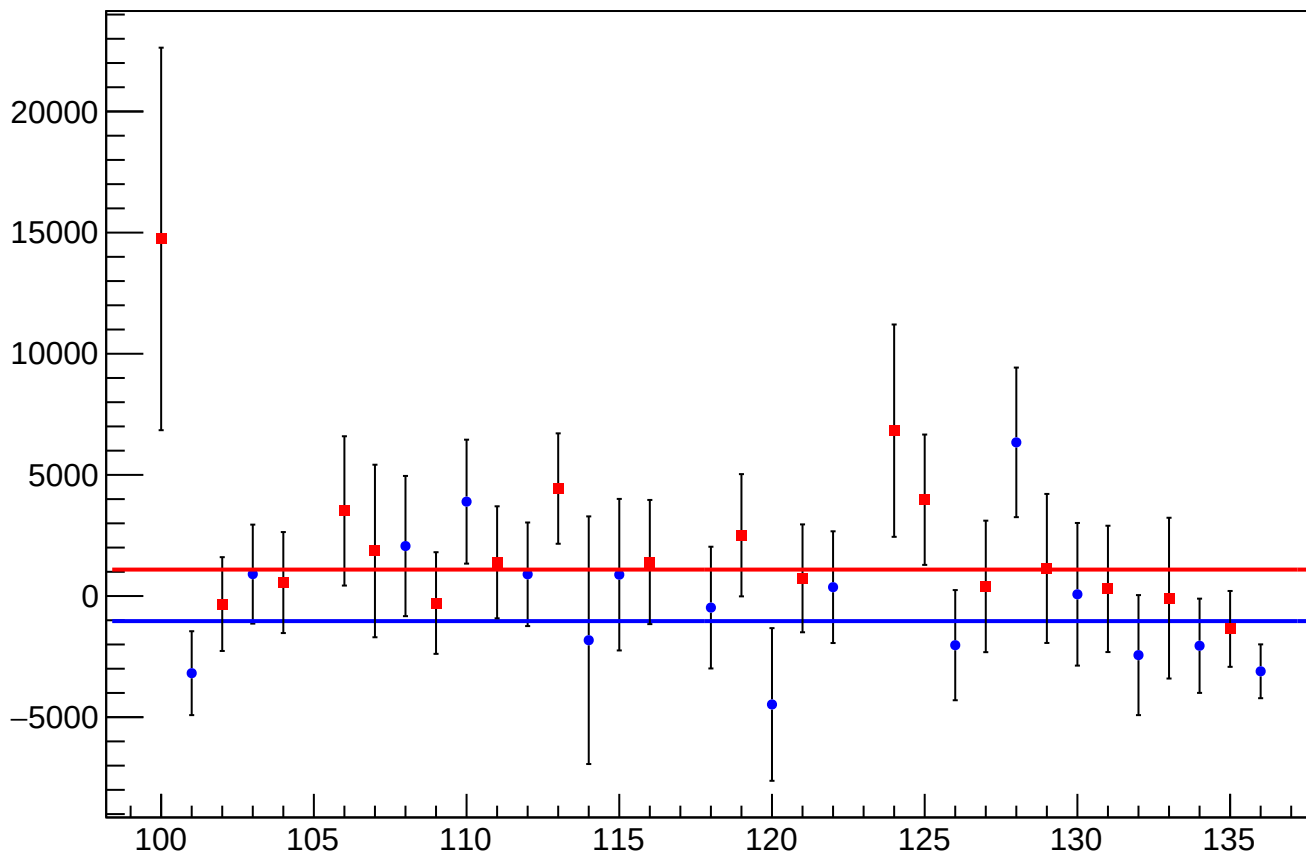
Right: 91.595+/-0.017 χ^2/NDF : 573229.7/33

In: 90.802+/-0.024 χ^2/NDF : 272755.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.595+/-0.017 χ^2/NDF : 573229.7/33

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: 1091.569 $\pm$ 587.911 χ^2 /NDF: 12.8/17

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

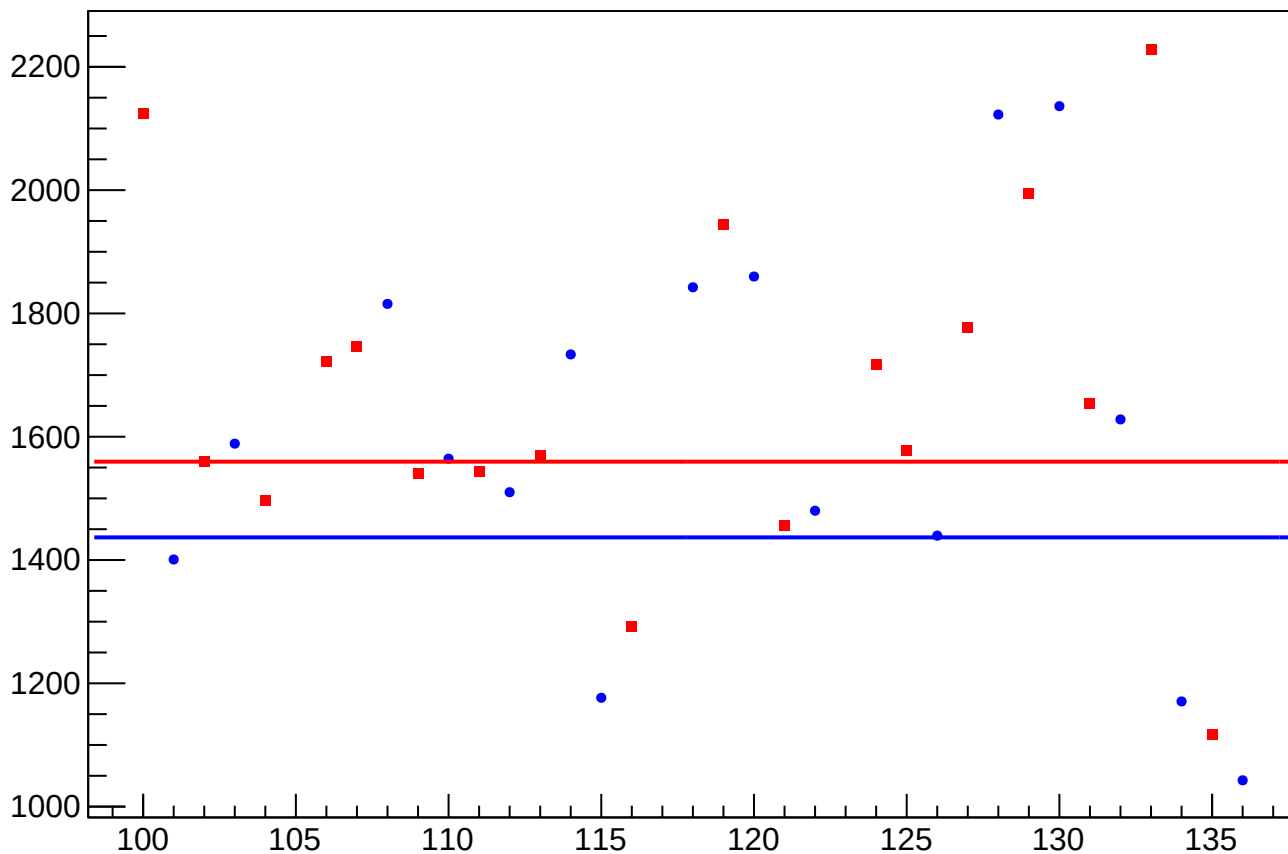
Right: -42.106 $\pm$ 401.723 χ^2 /NDF: 40.0/33

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: -42.106 $\pm$ 401.723 χ^2 /NDF: 40.0/33

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: 1559.557+/-0.416 χ^2/NDF : 395485.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

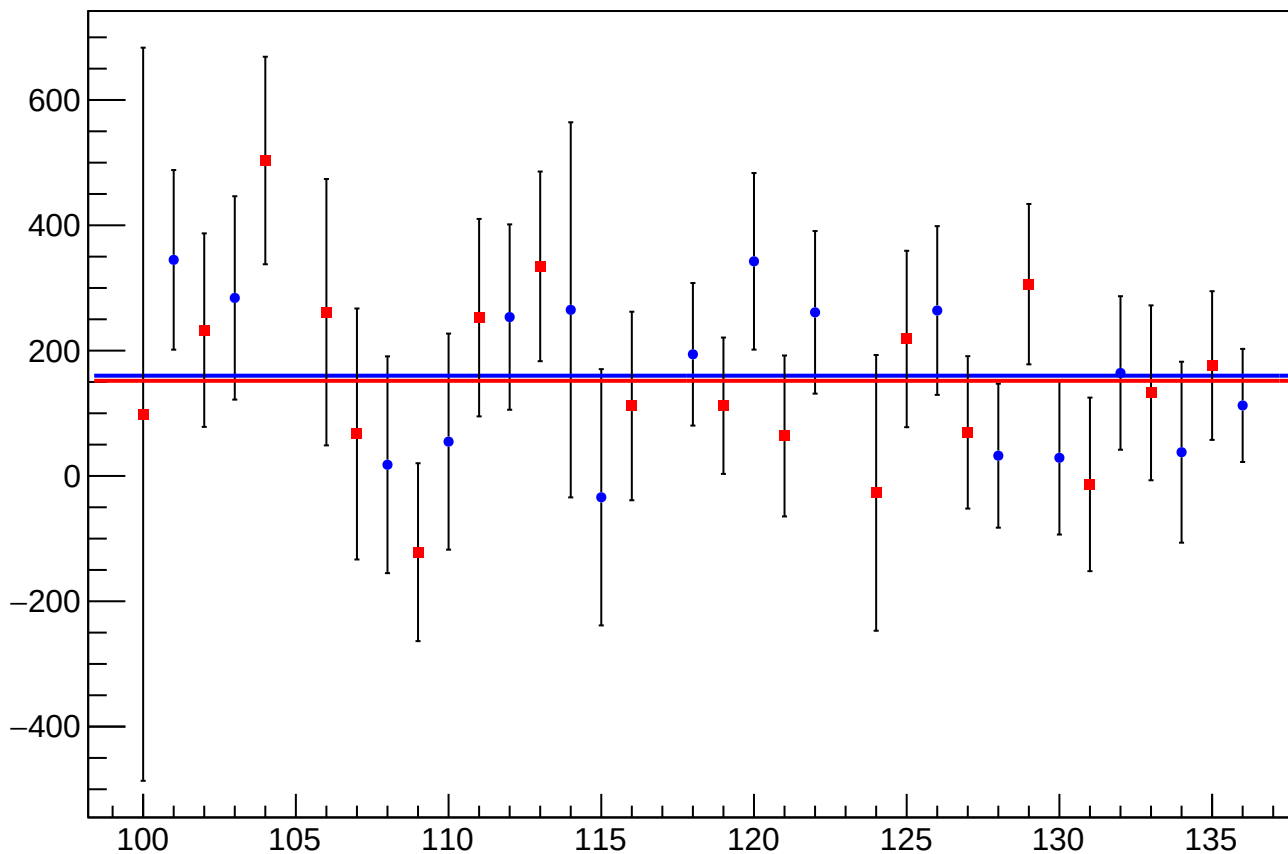
Right: 1494.081+/-0.284 χ^2/NDF : 1117692.0/33

In: 1436.734+/-0.389 χ^2/NDF : 675672.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1494.081+/-0.284 χ^2/NDF : 1117692.0/33

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: 151.846 $\pm$ 34.802 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

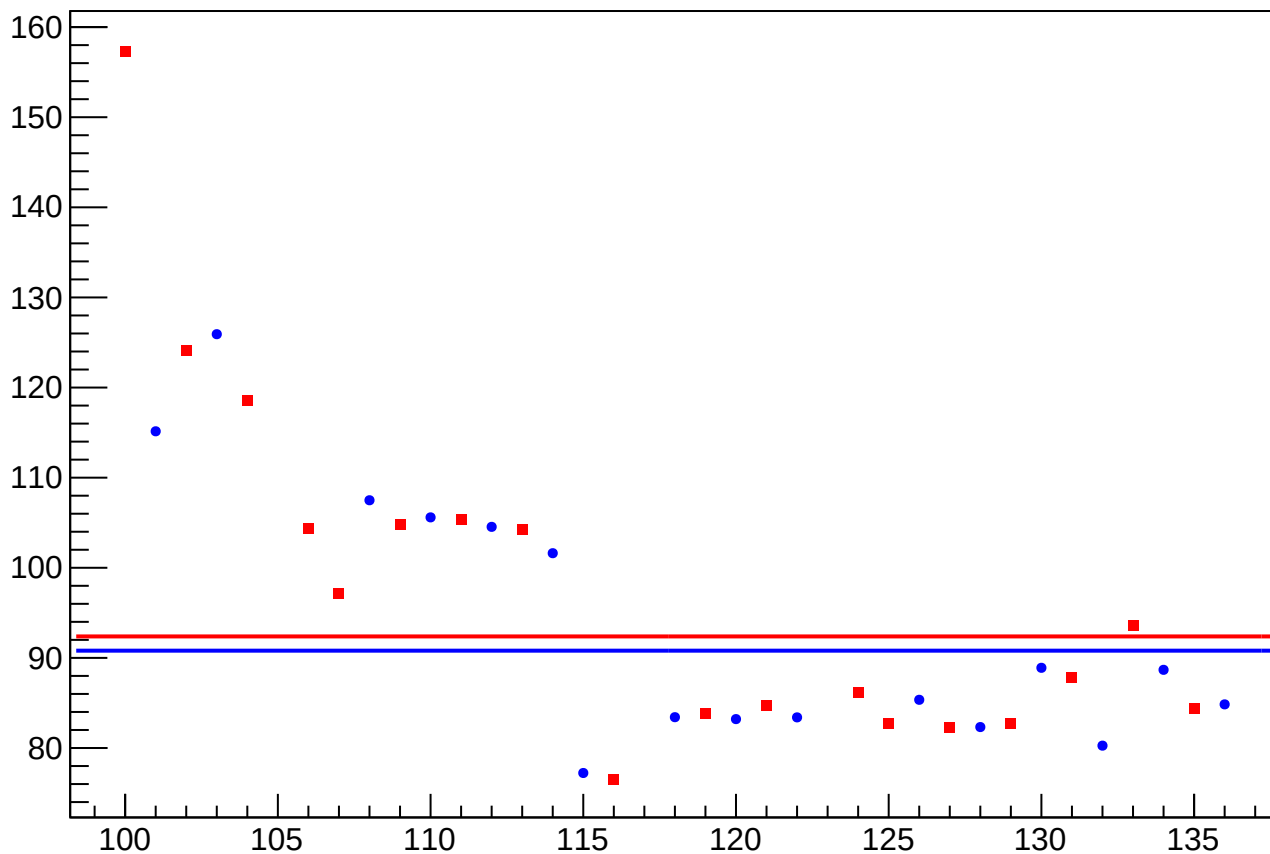
Right: 156.008 $\pm$ 24.382 χ^2 /NDF: 26.9/33

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: 156.008 $\pm$ 24.382 χ^2 /NDF: 26.9/33

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: 92.382 $\pm$ 0.025 χ^2 /NDF: 297048.5/17

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

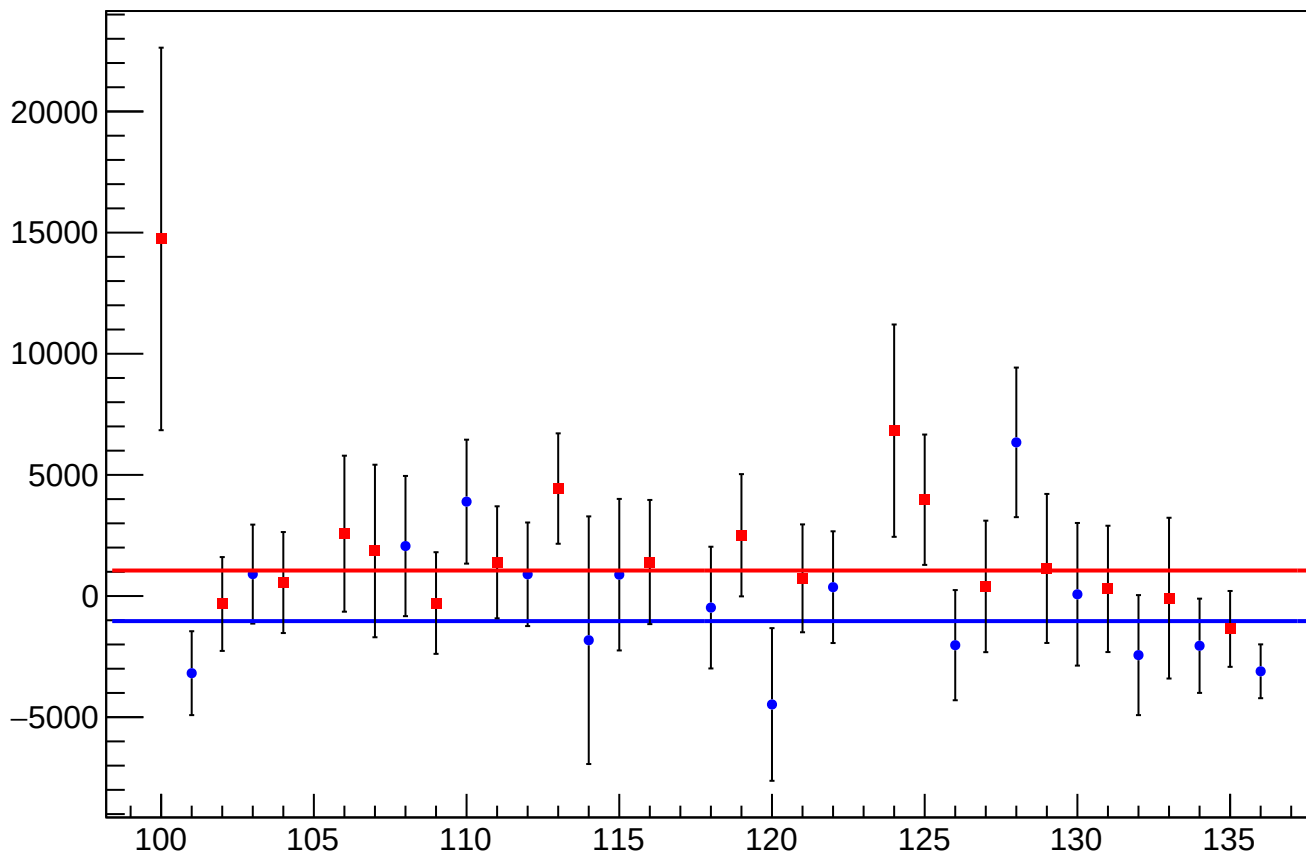
Right: 91.578 $\pm$ 0.017 χ^2 /NDF: 571906.1/33

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: 91.578 $\pm$ 0.017 χ^2 /NDF: 571906.1/33

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: 1053.111 $\pm$ 588.836 χ^2 /NDF: 12.4/17

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

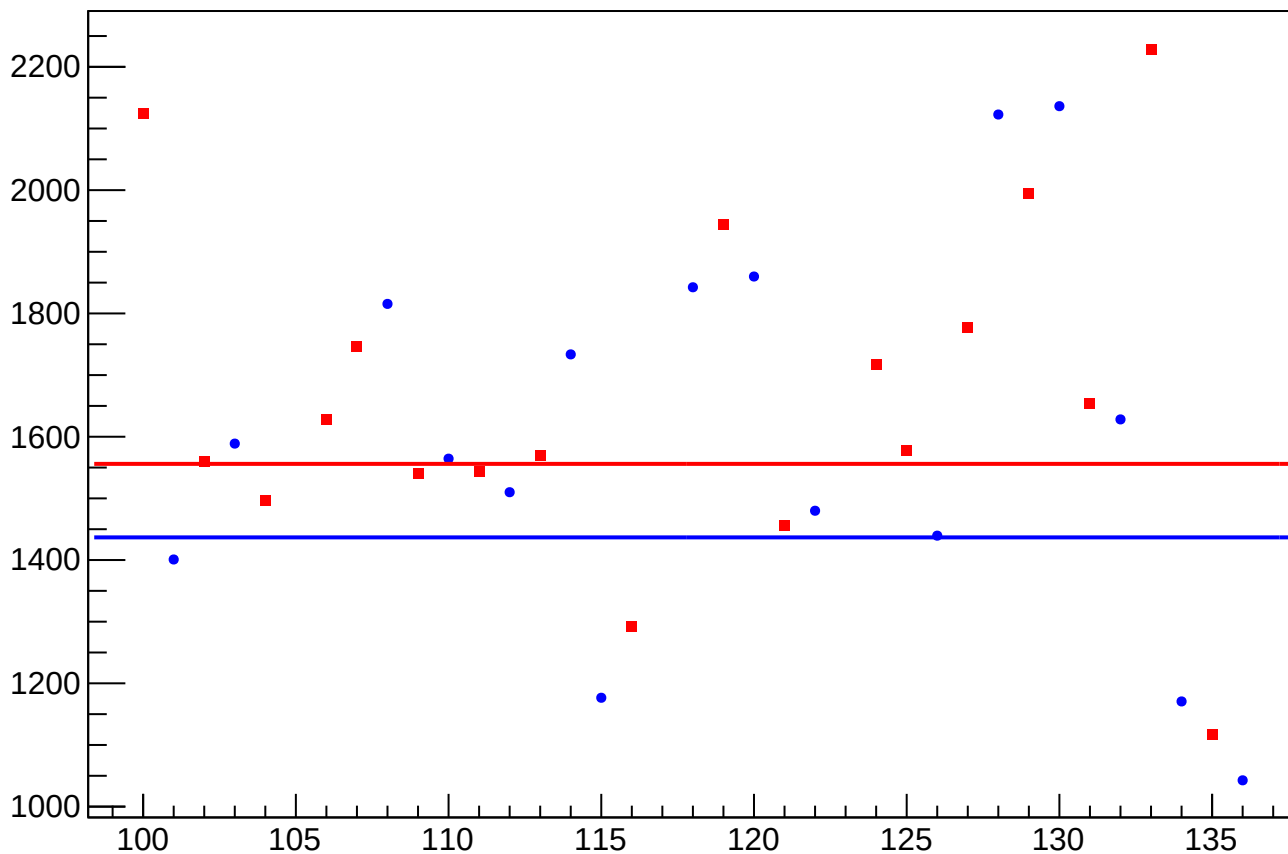
Right: -61.680 $\pm$ 402.019 χ^2 /NDF: 39.4/33

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: -61.680 $\pm$ 402.019 χ^2 /NDF: 39.4/33

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: 1555.971+/-0.416 χ^2/NDF : 390738.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

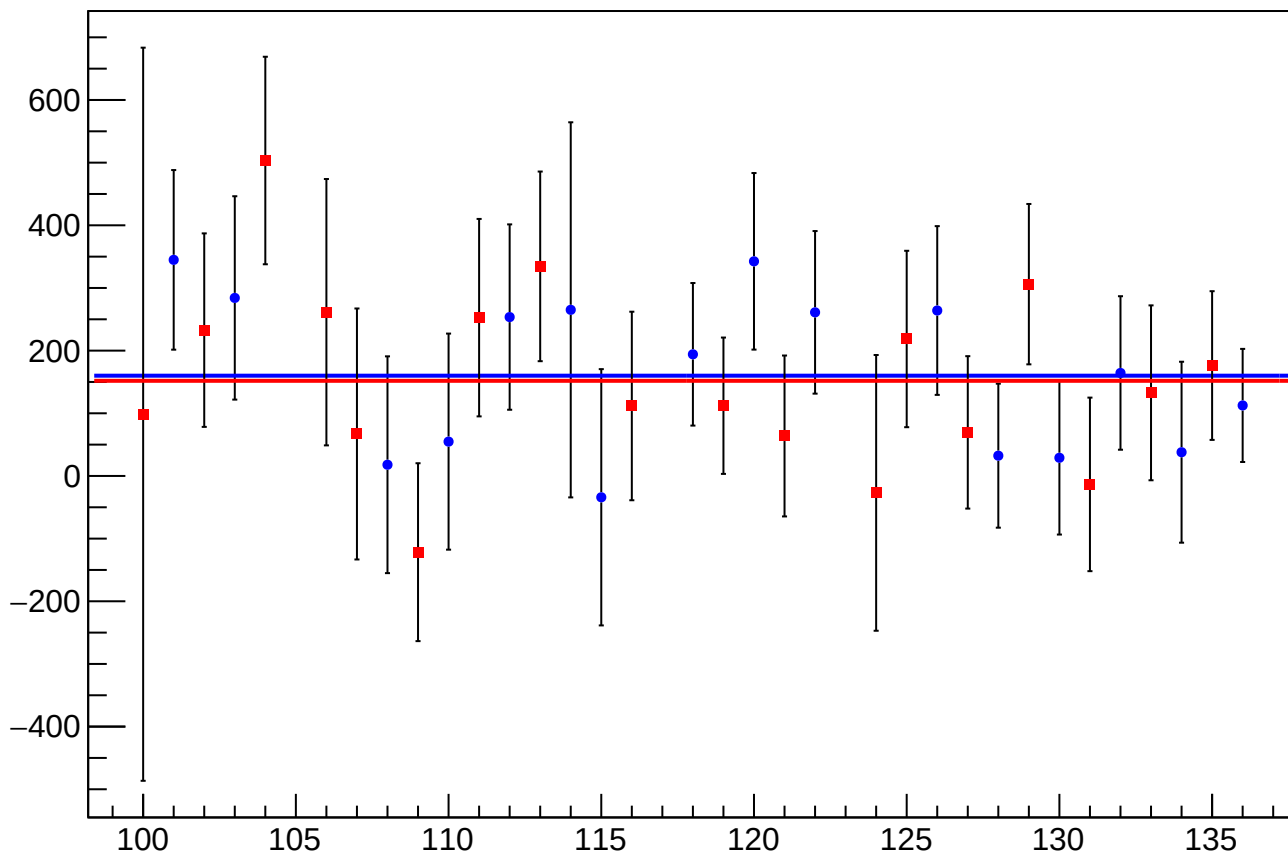
Right: 1492.316+/-0.284 χ^2/NDF : 1110199.9/33

In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.316+/-0.284 χ^2/NDF : 1110199.9/33

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: 151.846 $\pm$ 34.802 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

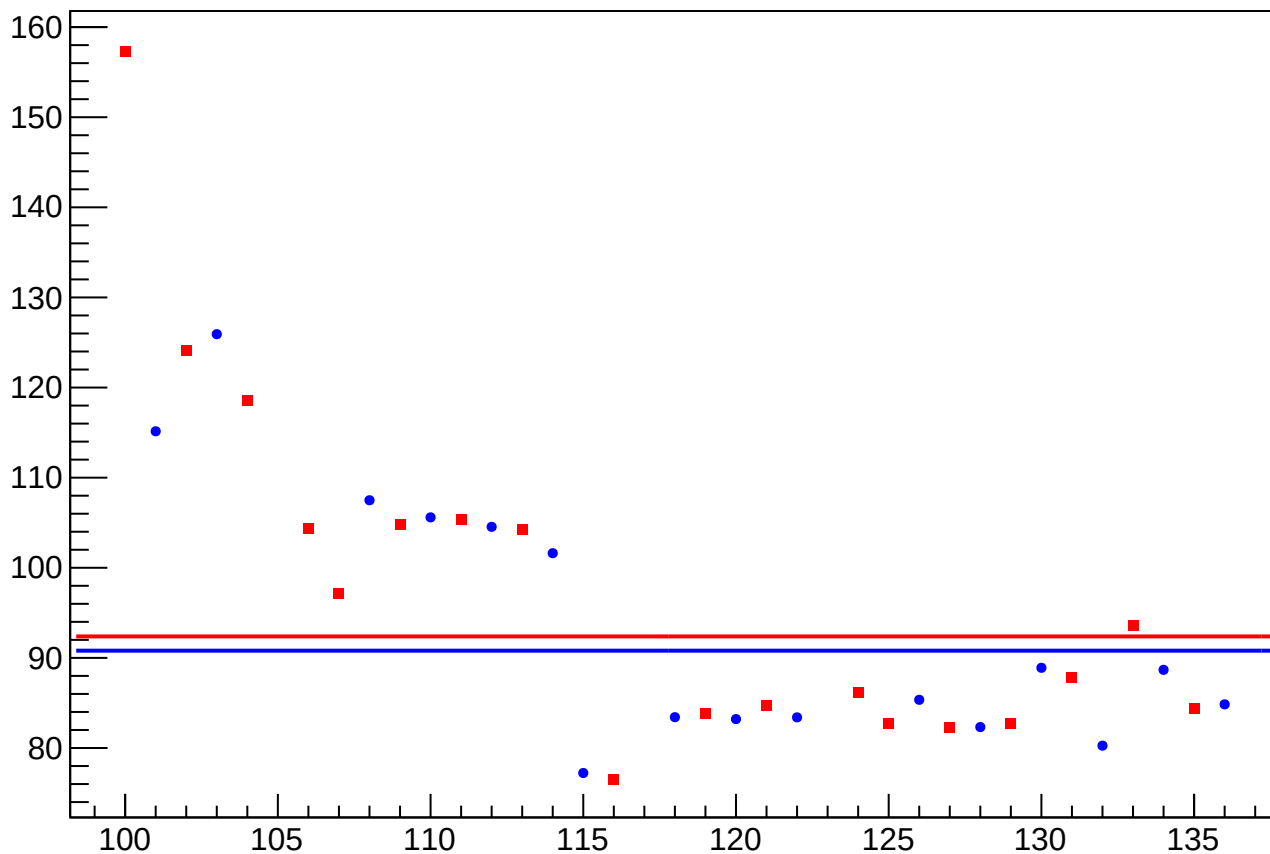
Right: 156.008 $\pm$ 24.382 χ^2 /NDF: 26.9/33

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: 156.008 $\pm$ 24.382 χ^2 /NDF: 26.9/33

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: 92.382 $\pm$ 0.025 χ^2 /NDF: 297048.5/17

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

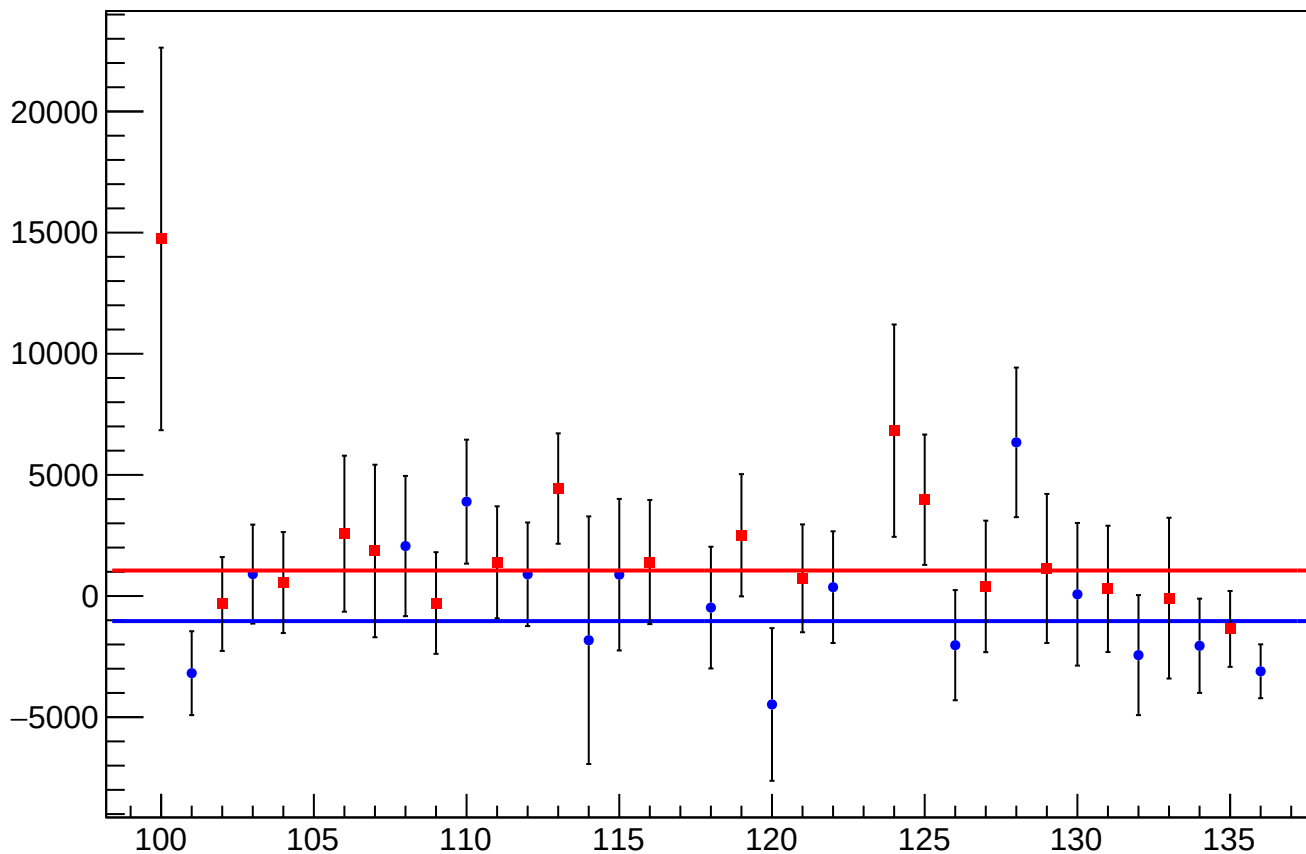
Right: 91.578 $\pm$ 0.017 χ^2 /NDF: 571906.1/33

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: 91.578 $\pm$ 0.017 χ^2 /NDF: 571906.1/33

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: 1053.111+/-588.836 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

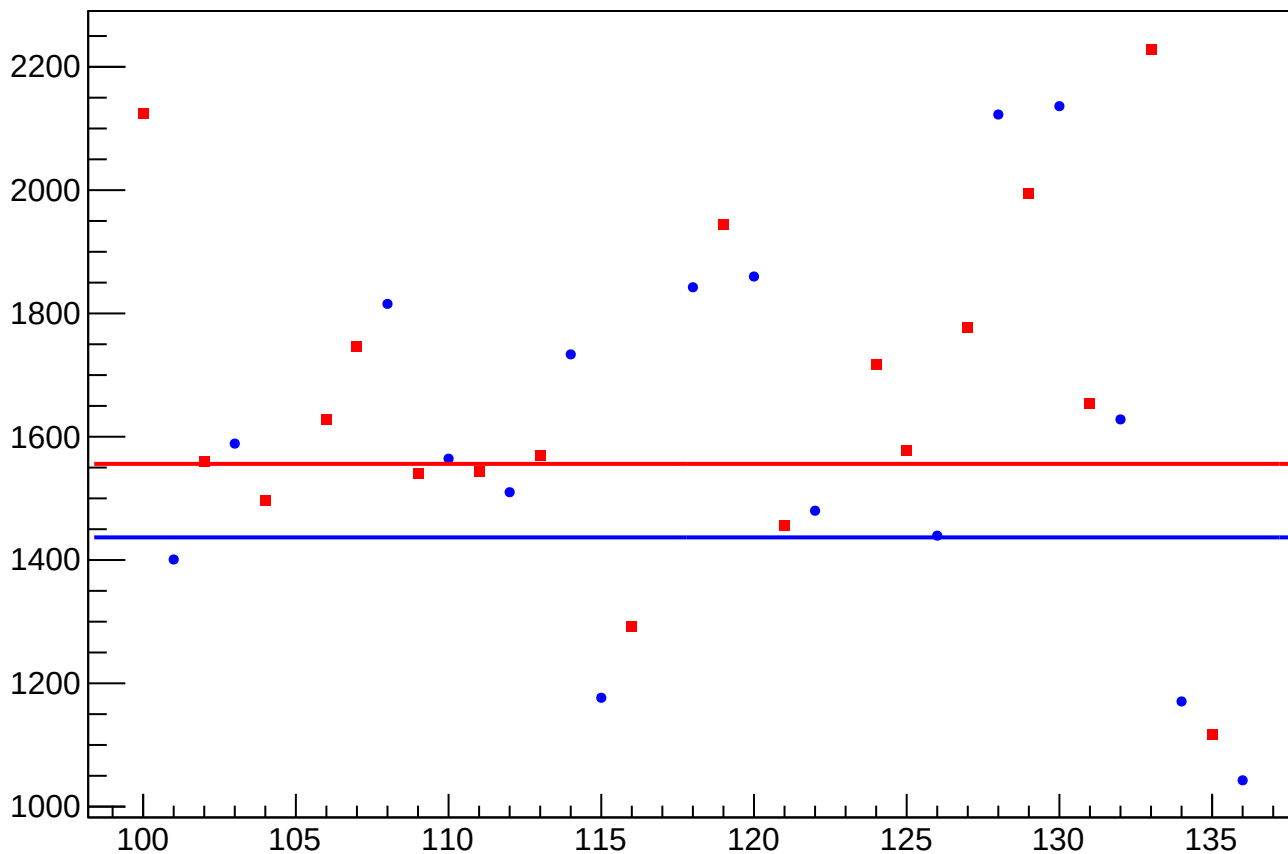
Right: -61.680+/-402.019 χ^2/NDF : 39.4/33

In: -1035.009+/-550.208 χ^2/NDF : 20.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -61.680+/-402.019 χ^2/NDF : 39.4/33

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: 1555.971+/-0.416 χ^2/NDF : 390738.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

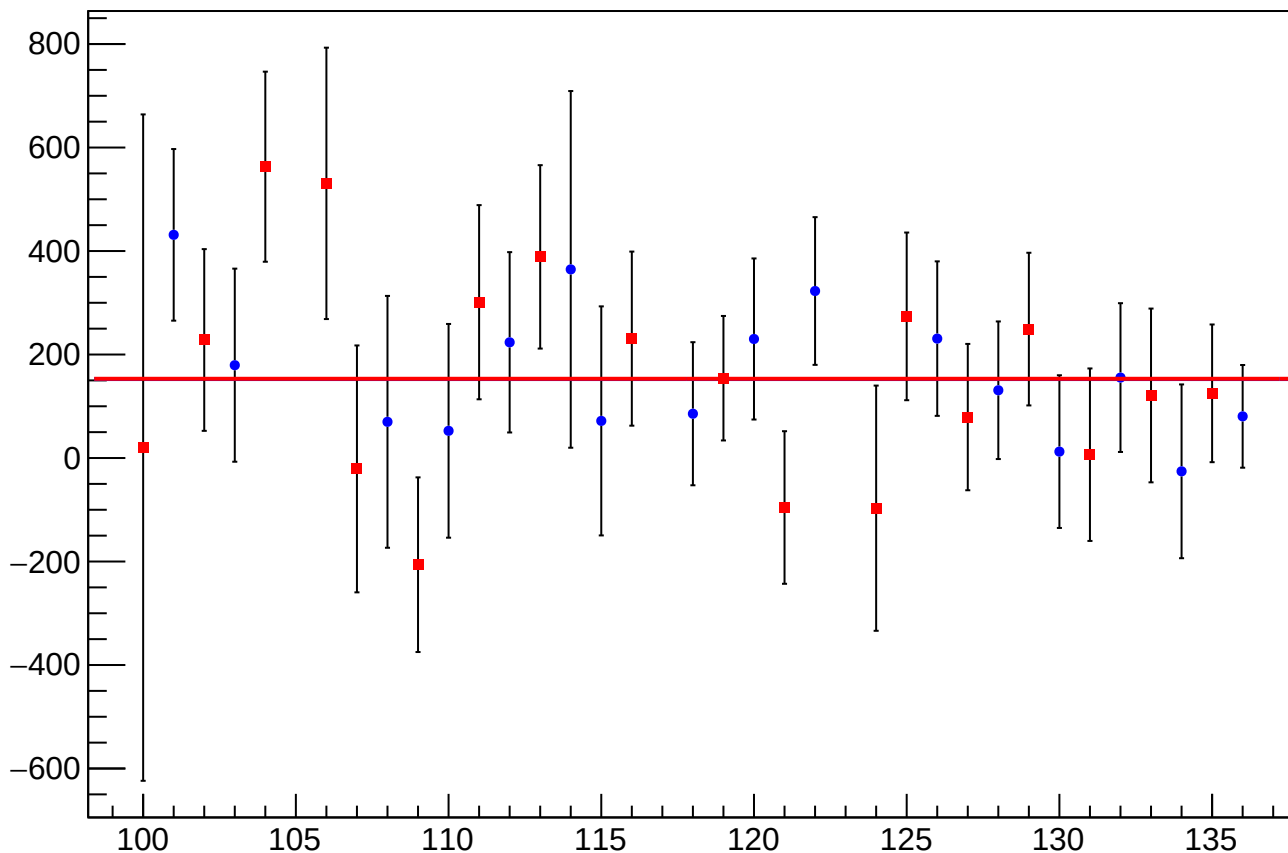
Right: 1492.316+/-0.284 χ^2/NDF : 1110199.9/33

In: 1436.738+/-0.389 χ^2/NDF : 675680.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1492.316+/-0.284 χ^2/NDF : 1110199.9/33

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: 153.125 $\pm$ 40.088 χ^2 /NDF: 21.0/17

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

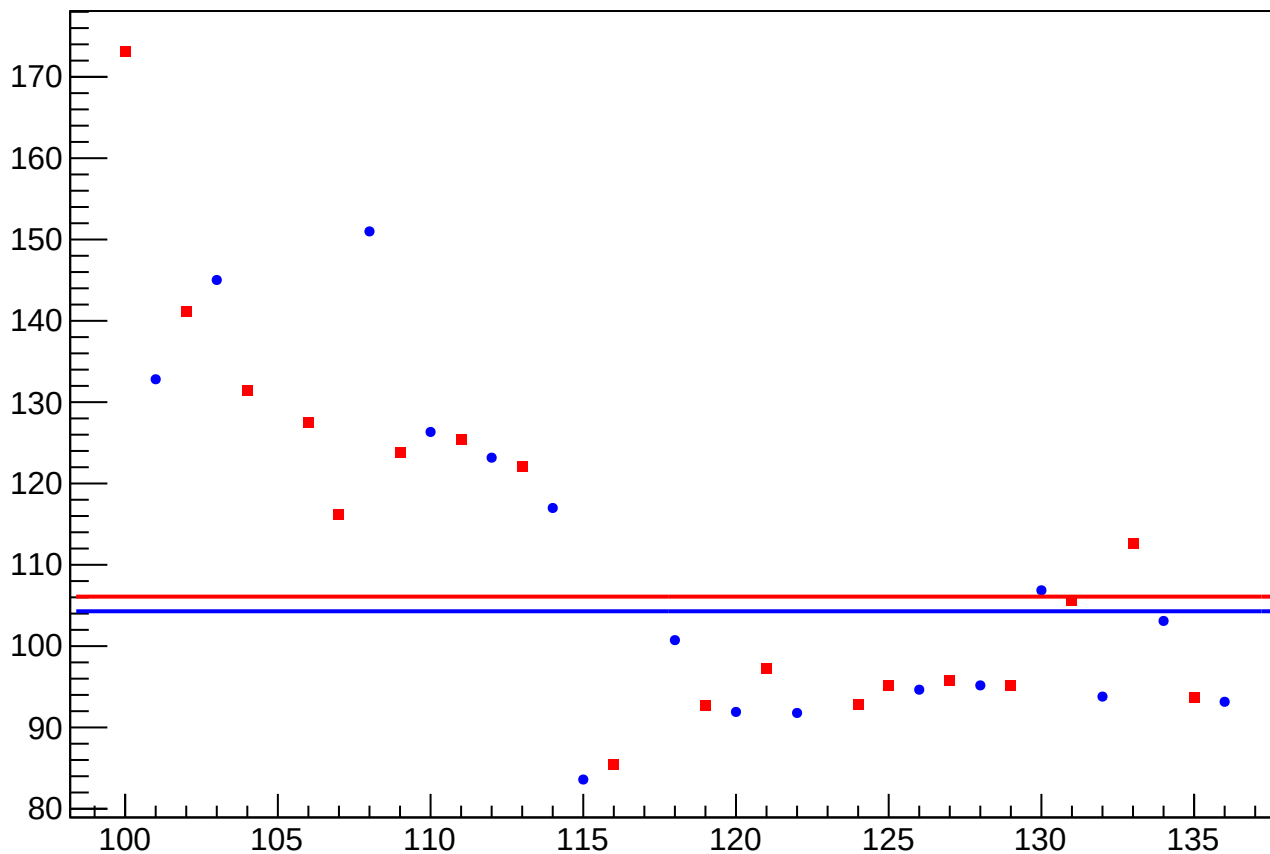
Right: 152.872 $\pm$ 28.117 χ^2 /NDF: 29.6/33

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: 152.872 $\pm$ 28.117 χ^2 /NDF: 29.6/33

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: 106.087+/-0.028 χ^2/NDF : 335534.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

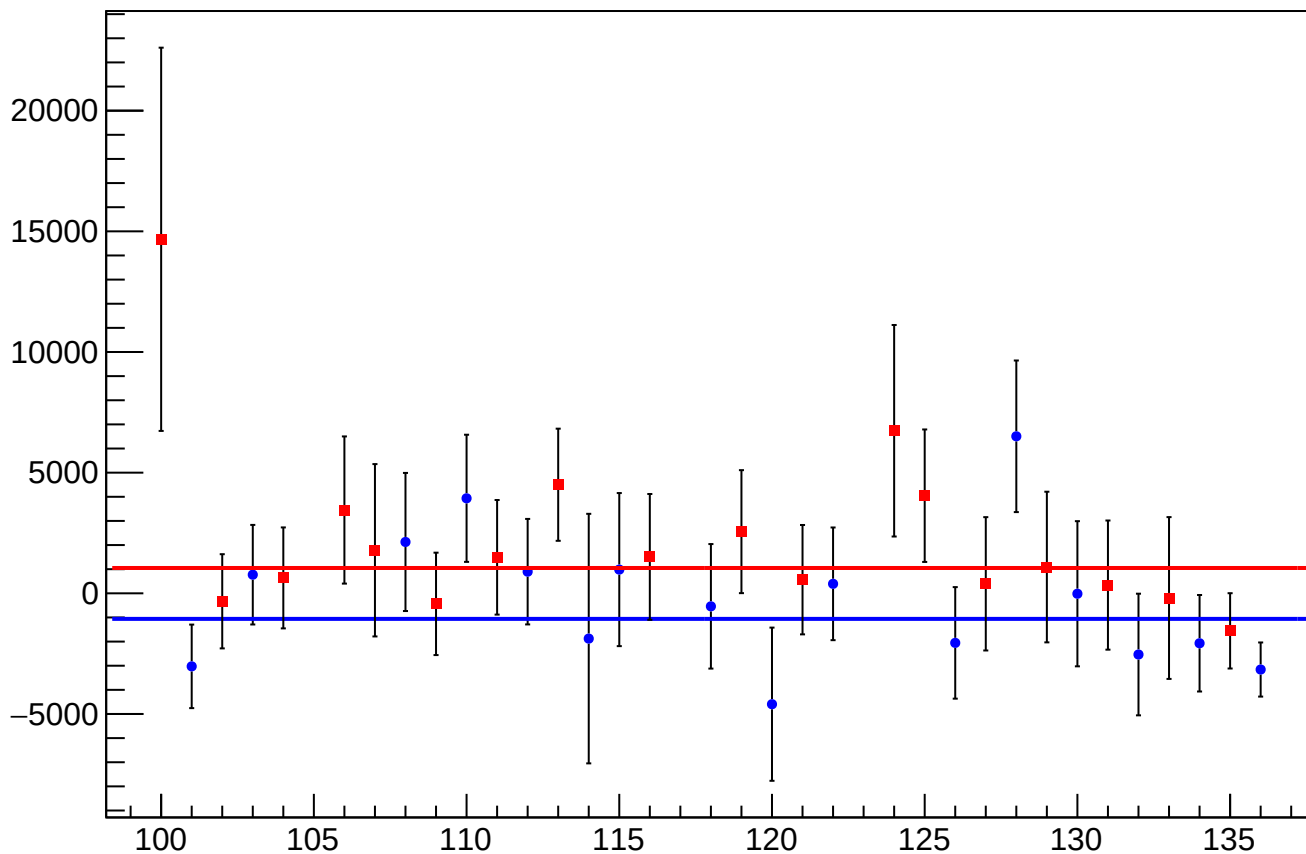
Right: 105.172+/-0.020 χ^2/NDF : 715895.9/33

In: 104.286+/-0.028 χ^2/NDF : 378310.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.172+/-0.020 χ^2/NDF : 715895.9/33

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: 1049.754 $\pm$ 594.301 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

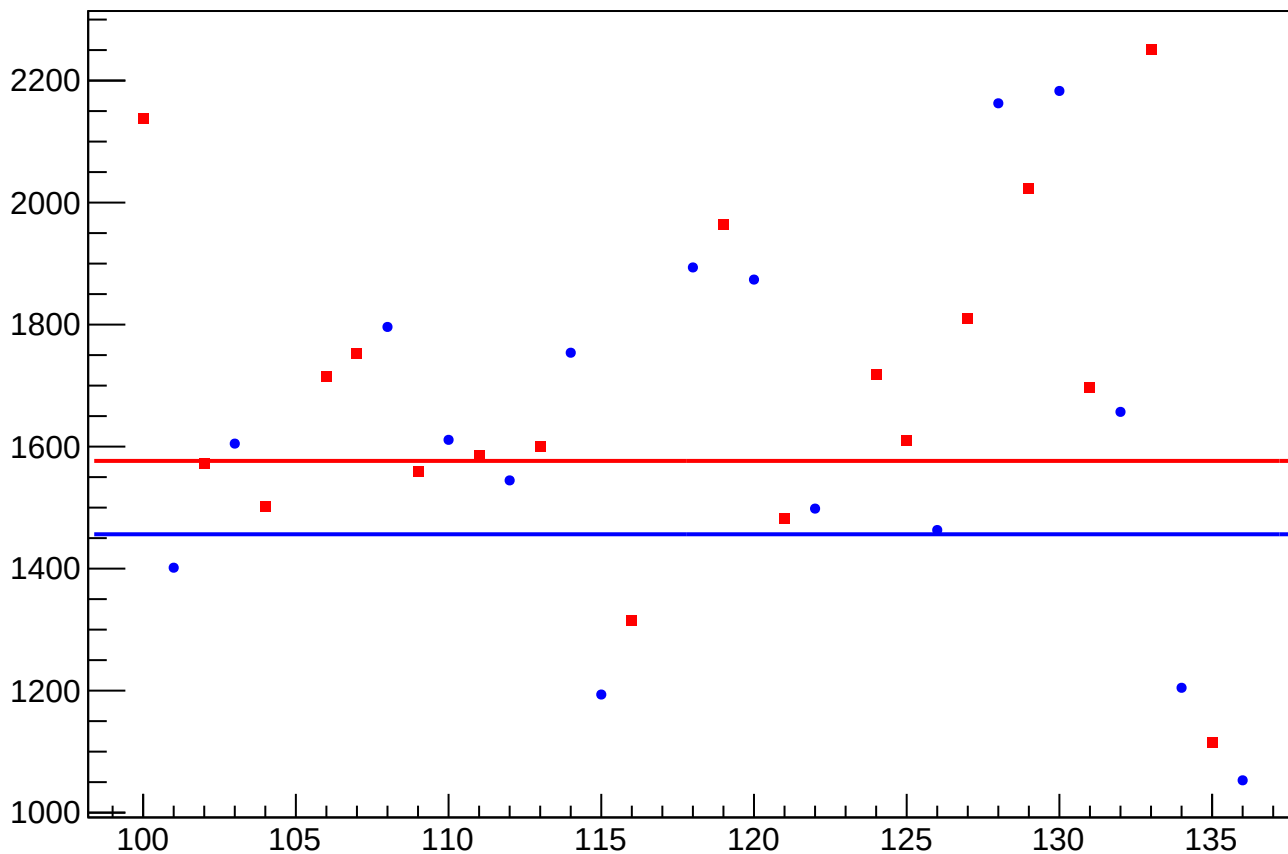
Right: -71.848 $\pm$ 406.656 χ^2 /NDF: 40.0/33

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: -71.848 $\pm$ 406.656 χ^2 /NDF: 40.0/33

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: 1576.558+/-0.420 χ^2/NDF : 409998.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

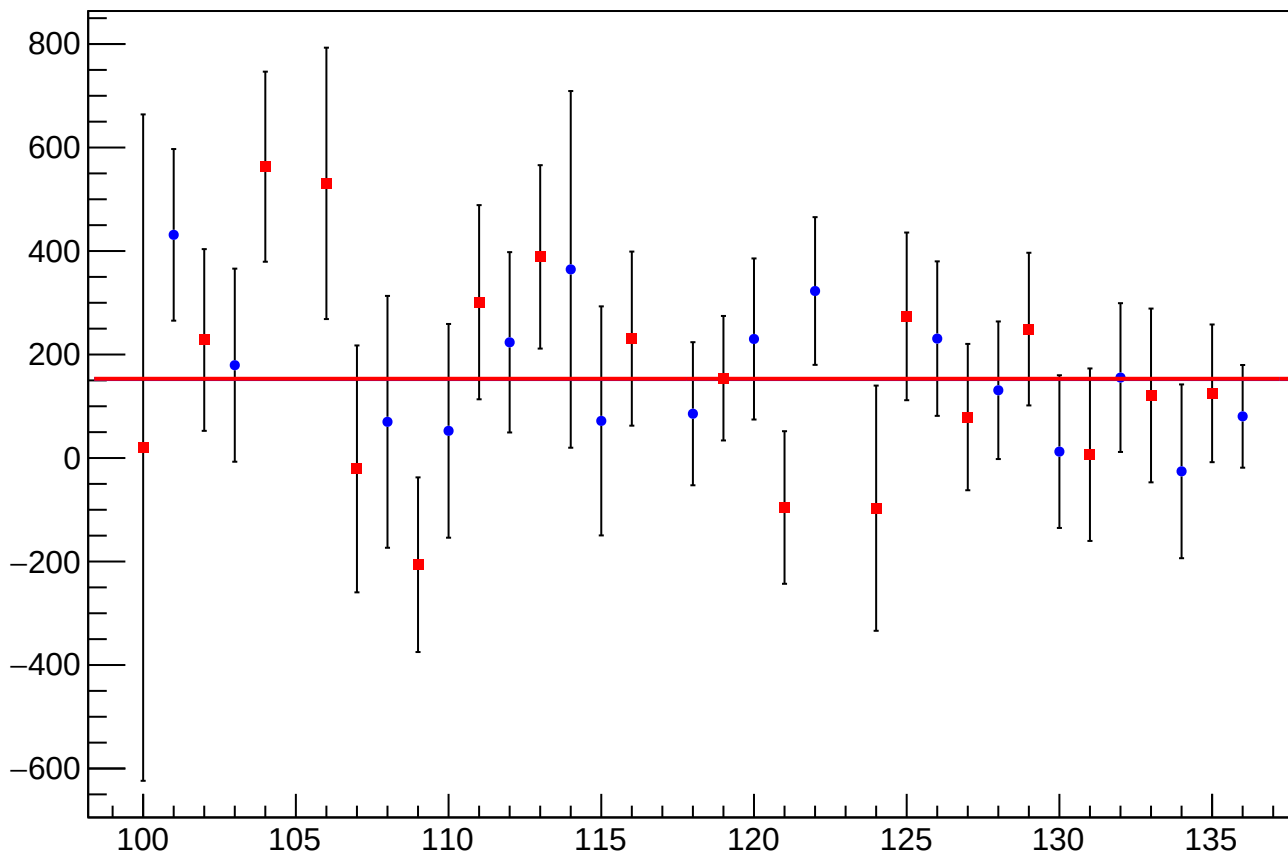
Right: 1512.608+/-0.288 χ^2/NDF : 1138352.4/33

In: 1456.303+/-0.394 χ^2/NDF : 684806.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.608+/-0.288 χ^2/NDF : 1138352.4/33

eigen_dit_asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 152.628+/-39.446 χ^2/NDF : 8.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.122+/-40.088 χ^2/NDF : 21.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

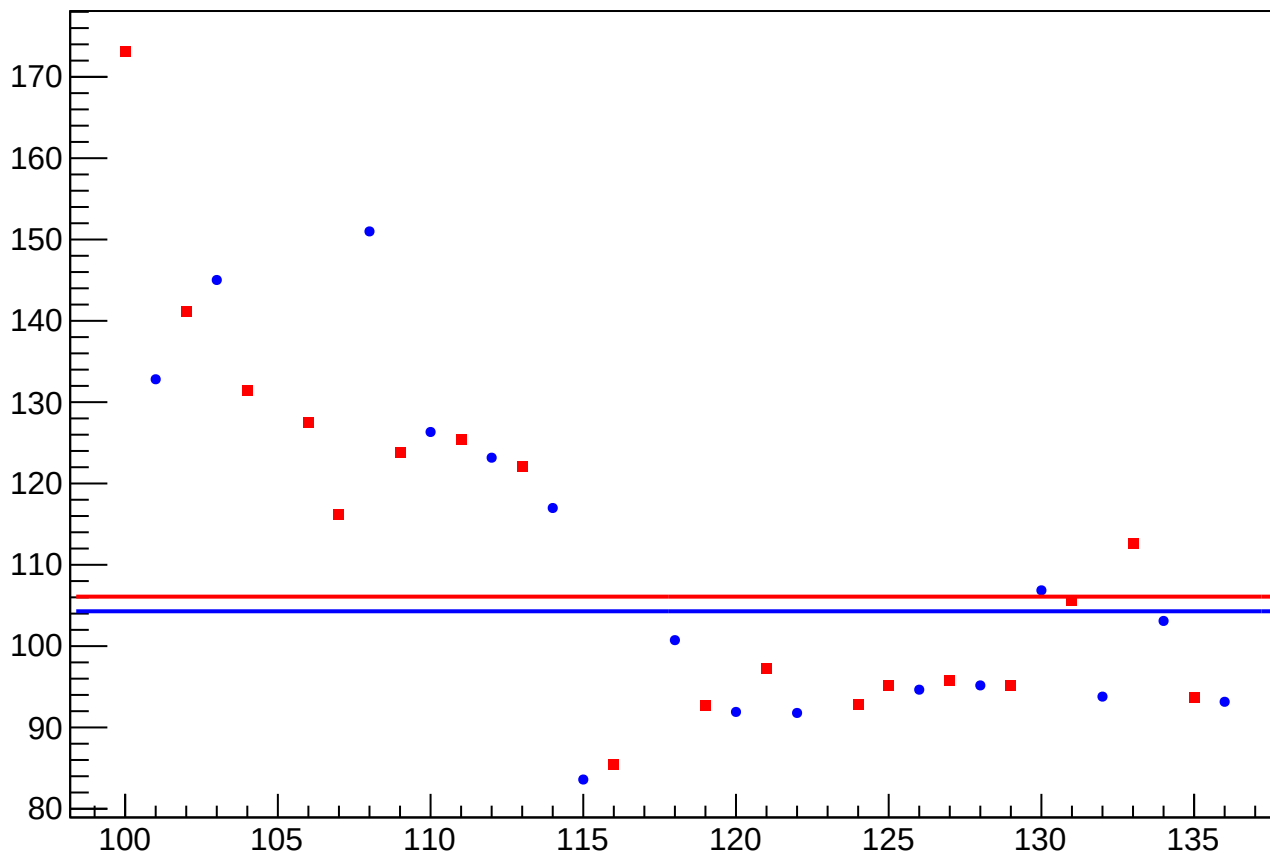
Right: 152.871+/-28.117 χ^2/NDF : 29.6/33

In: 152.628+/-39.446 χ^2/NDF : 8.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.871+/-28.117 χ^2/NDF : 29.6/33

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: 106.086+/-0.028 χ^2/NDF : 335533.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

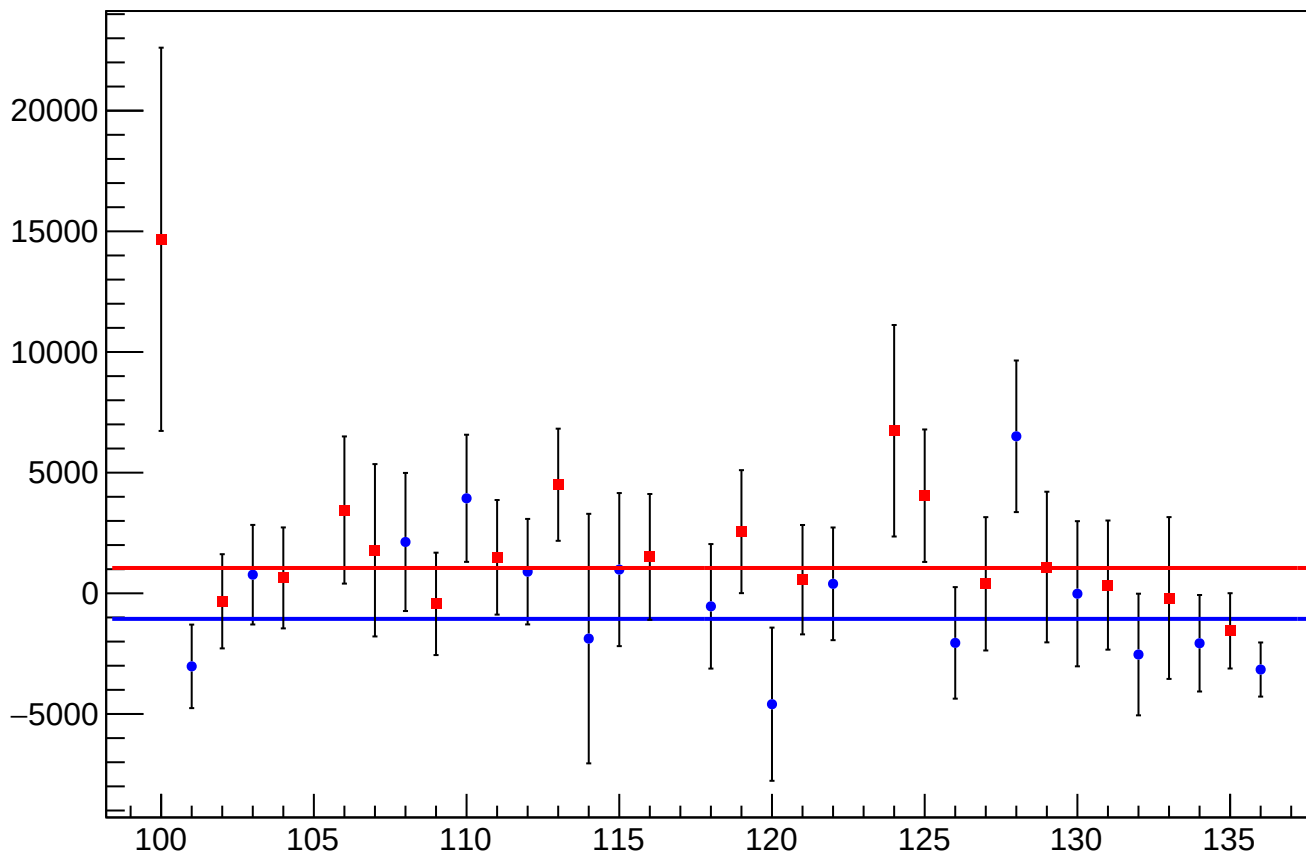
Right: 105.171+/-0.020 χ^2/NDF : 715898.6/33

In: 104.285+/-0.028 χ^2/NDF :378313.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 105.171+/-0.020 χ^2/NDF : 715898.6/33

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: 1049.752+/-594.300 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

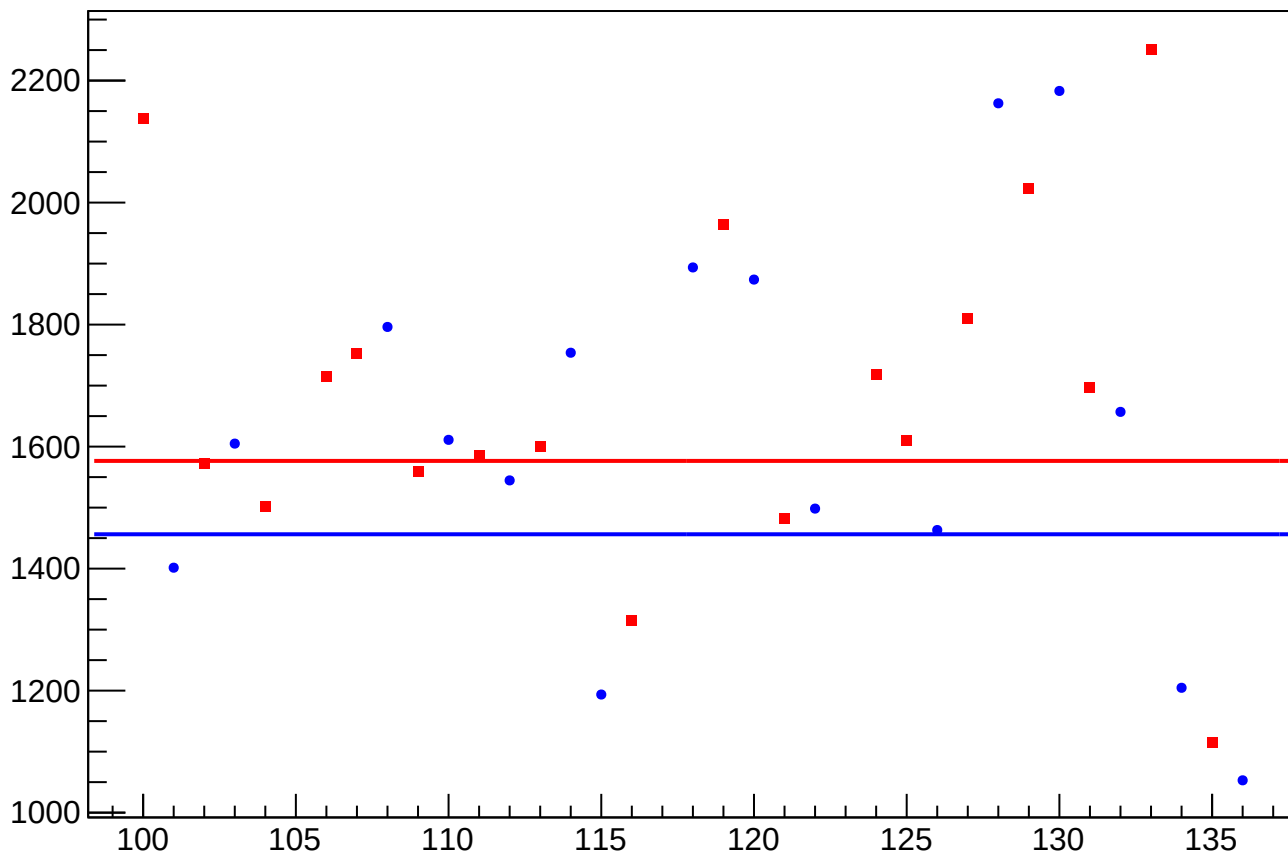
Right: -71.846+/-406.655 χ^2/NDF : 40.0/33

In: -1059.353+/-557.644 χ^2/NDF : 20.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -71.846+/-406.655 χ^2/NDF : 40.0/33

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: 1576.555+/-0.420 χ^2/NDF : 409998.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

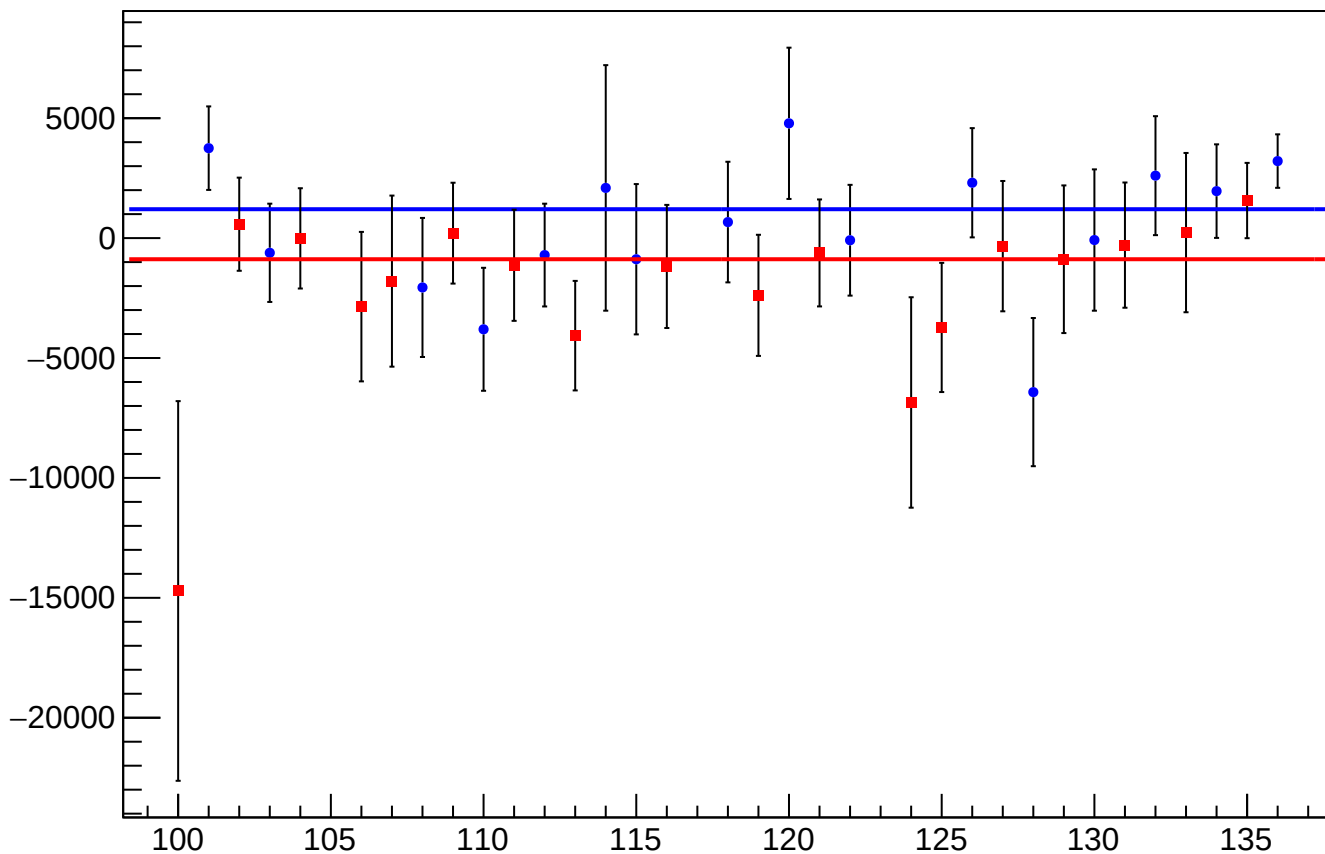
Right: 1512.605+/-0.288 χ^2/NDF : 1138349.4/33

In: 1456.301+/-0.394 χ^2/NDF : 684803.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.605+/-0.288 χ^2/NDF : 1138349.4/33

asym_sam_24_68_dd_mean vs Slug, Sign Corrected



Right In: 1204.691+/-551.729 χ^2/NDF : 21.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -881.117+/-589.381 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

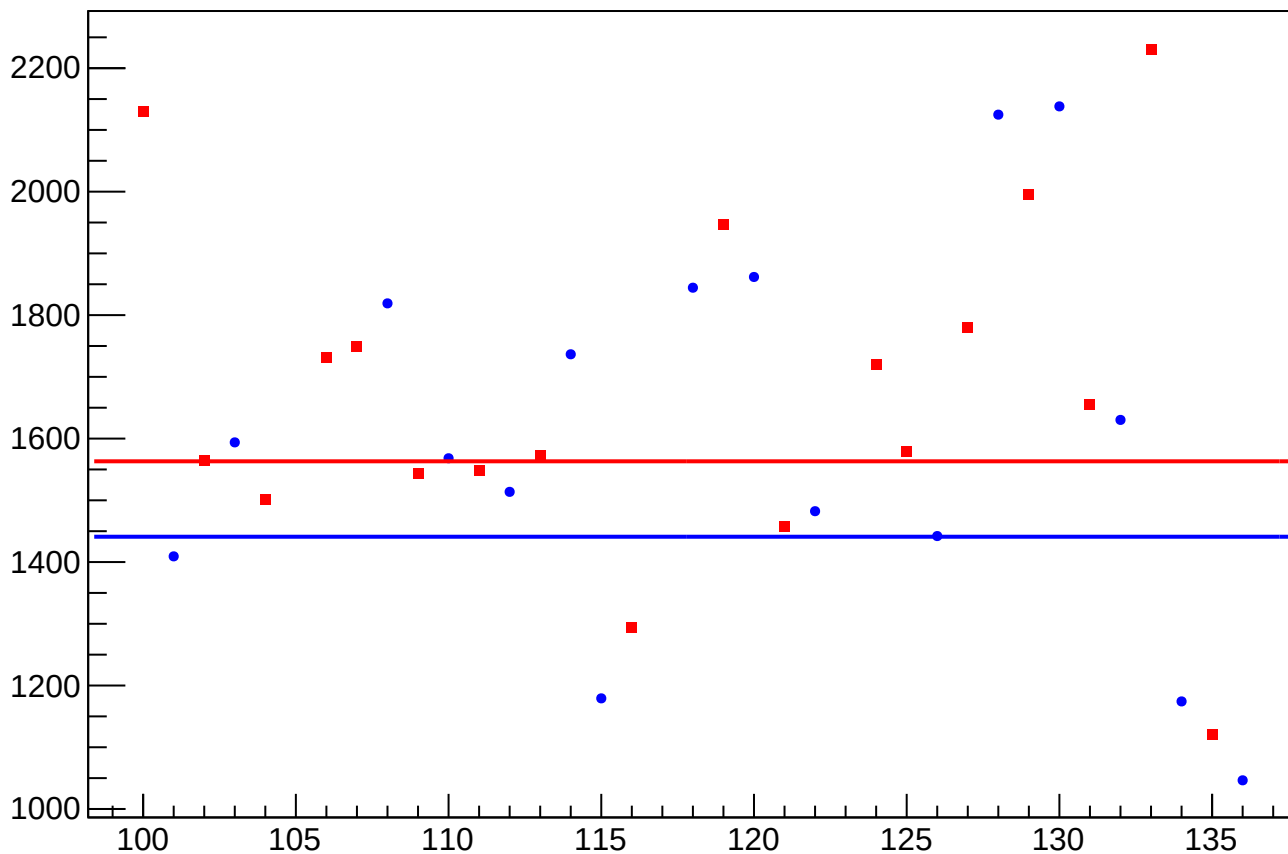
Right: 230.536+/-402.785 χ^2/NDF : 40.3/33

In: 1204.691+/-551.729 χ^2/NDF : 21.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 230.536+/-402.785 χ^2/NDF : 40.3/33

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: 1563.200+/-0.417 χ^2/NDF : 393324.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

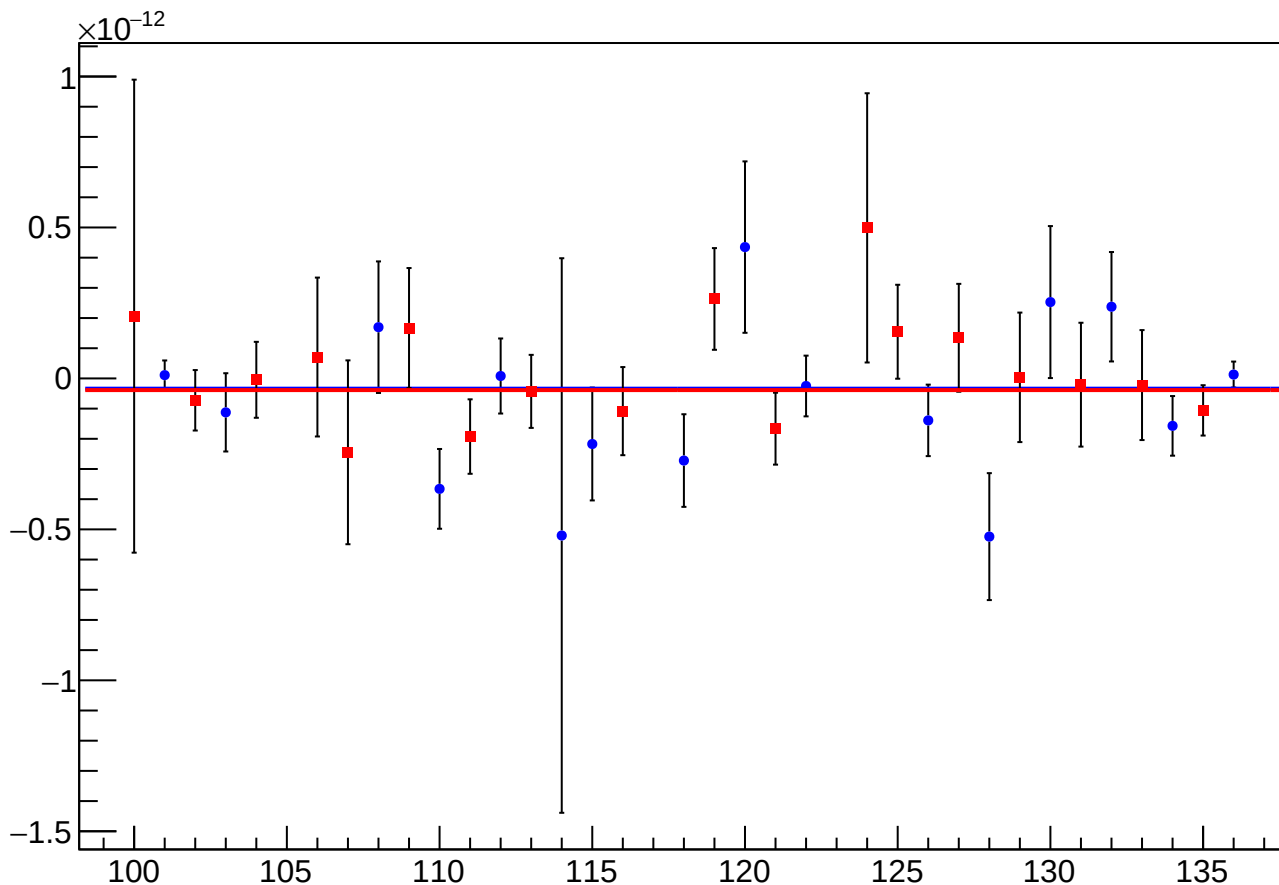
Right: 1498.085+/-0.285 χ^2/NDF : 1109802.9/33

In: 1441.025+/-0.390 χ^2/NDF : 670674.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.085+/-0.285 χ^2/NDF : 1109802.9/33

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 : 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

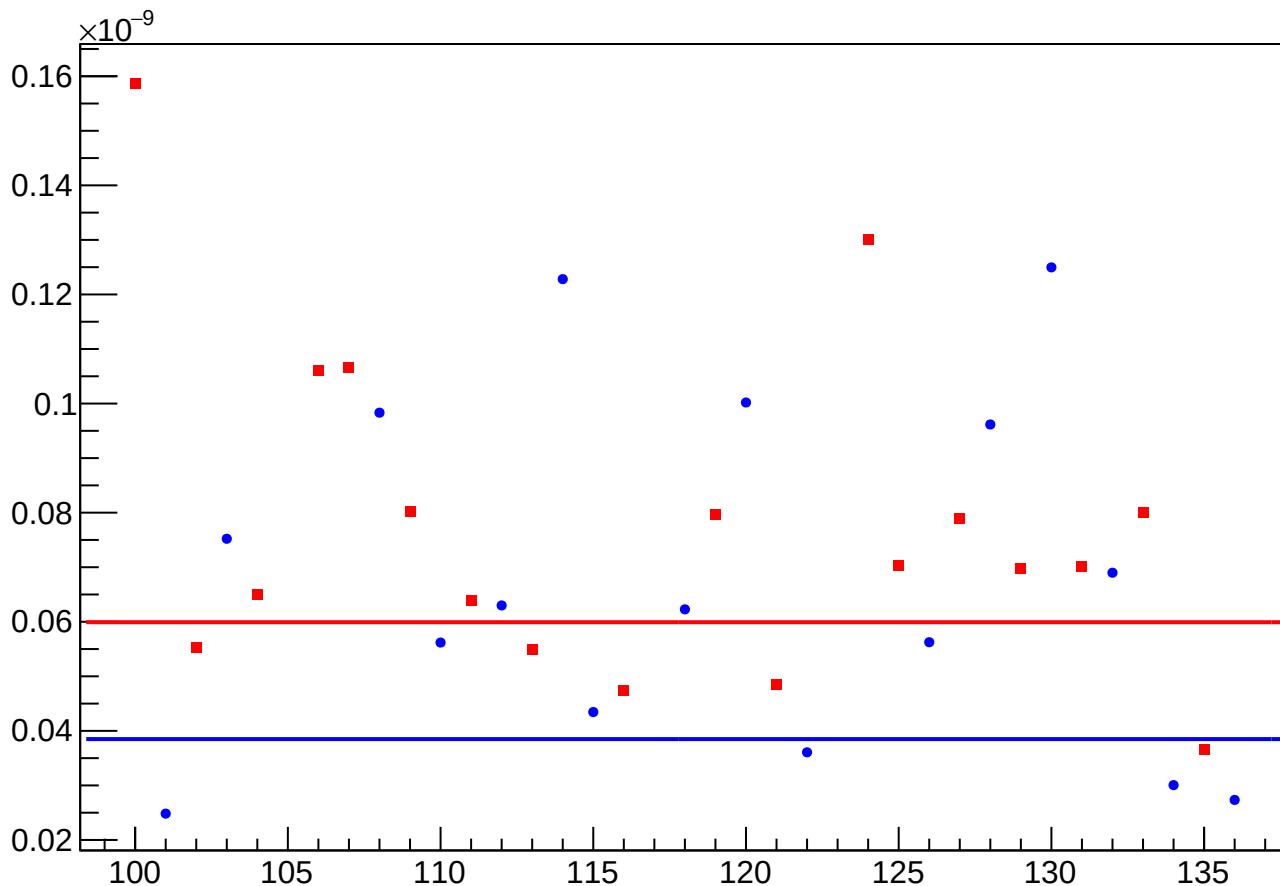
Right: -0.000+/-0.000 χ^2/NDF : 40.2/33

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 : 40.2/33

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 : 506531.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

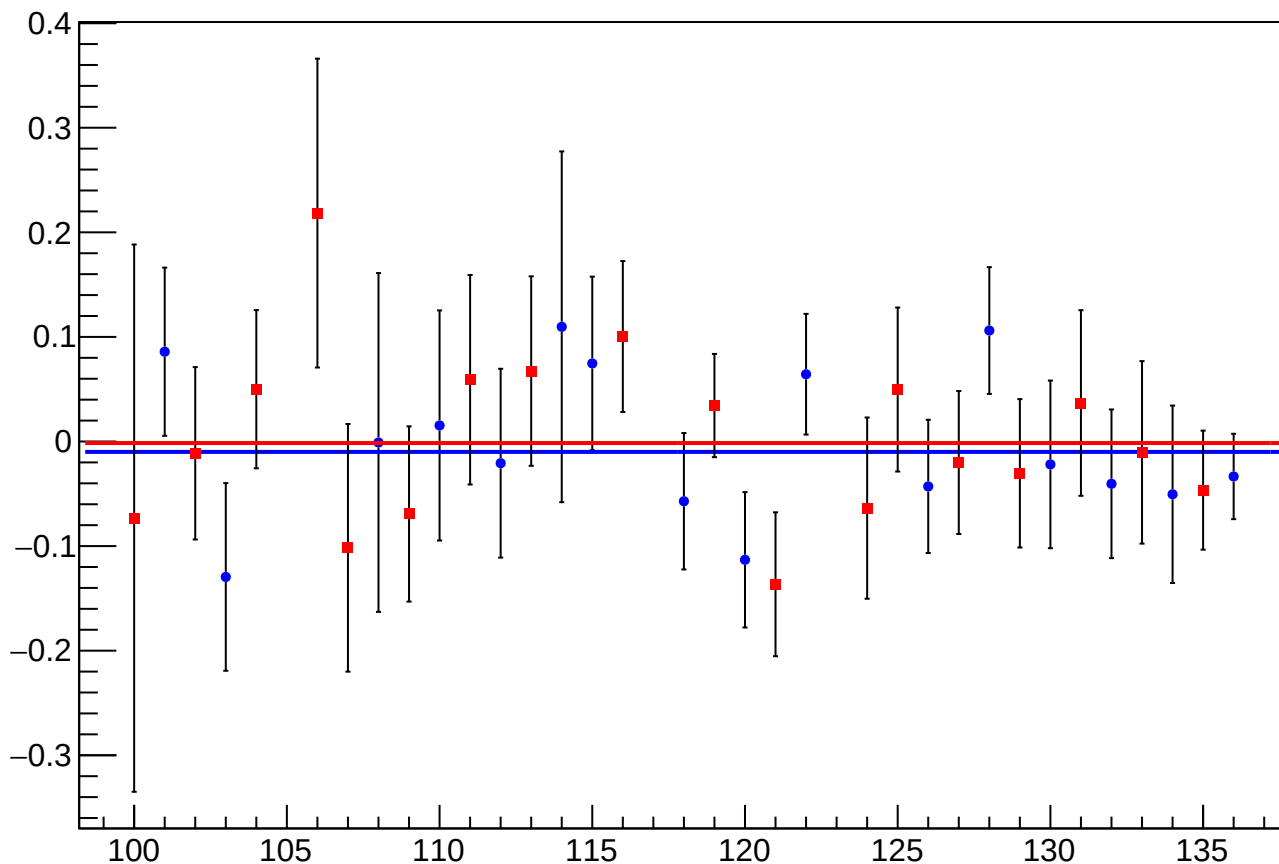
Right: 0.000+/-0.000 χ^2/NDF : 2377381.3/33

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 : 2377381.3/33

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: -0.001 ± 0.019 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

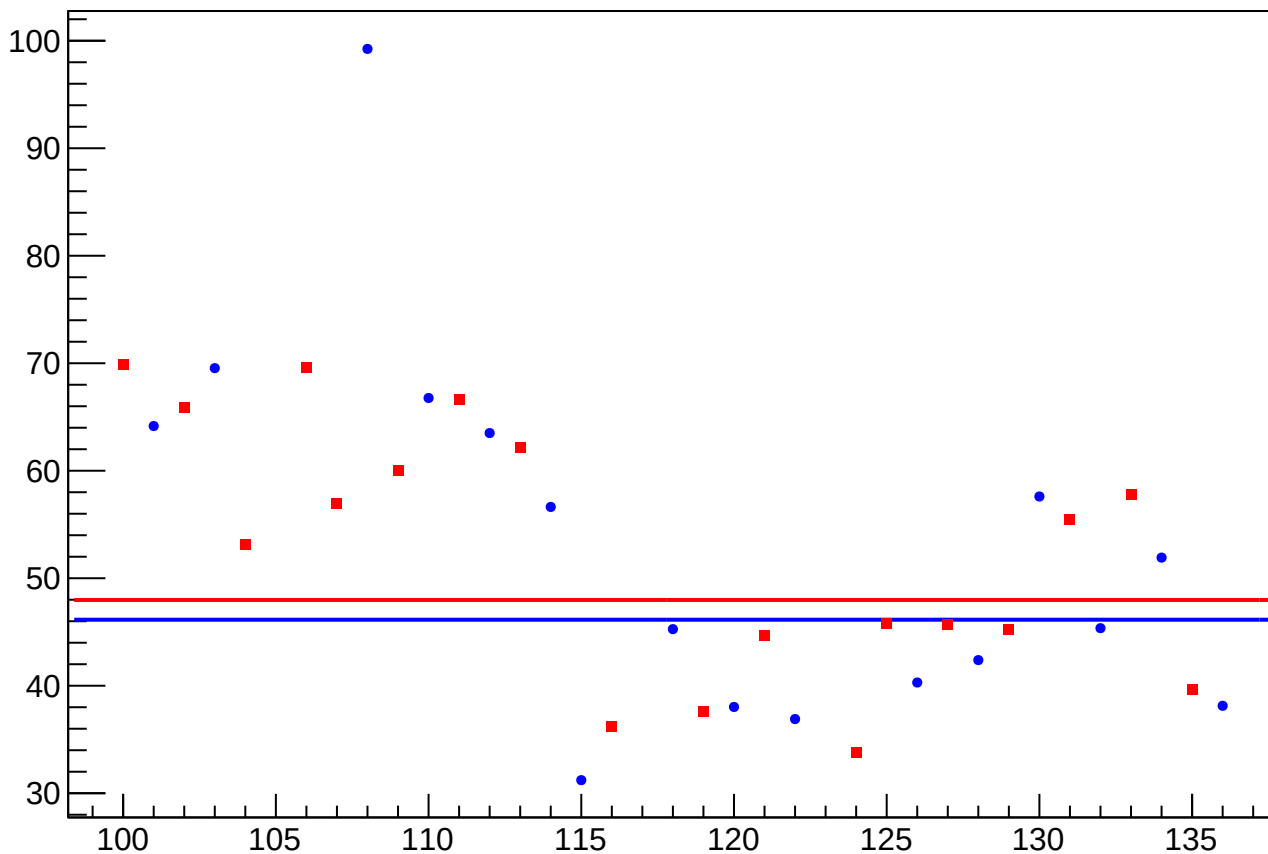
Right: -0.006 ± 0.013 χ^2/NDF : 27.8/33

In: -0.010 ± 0.018 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.013 χ^2/NDF : 27.8/33

asym_sam_24_68_dd_dit_vs_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: 47.979+/-0.013 χ^2/NDF : 620971.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

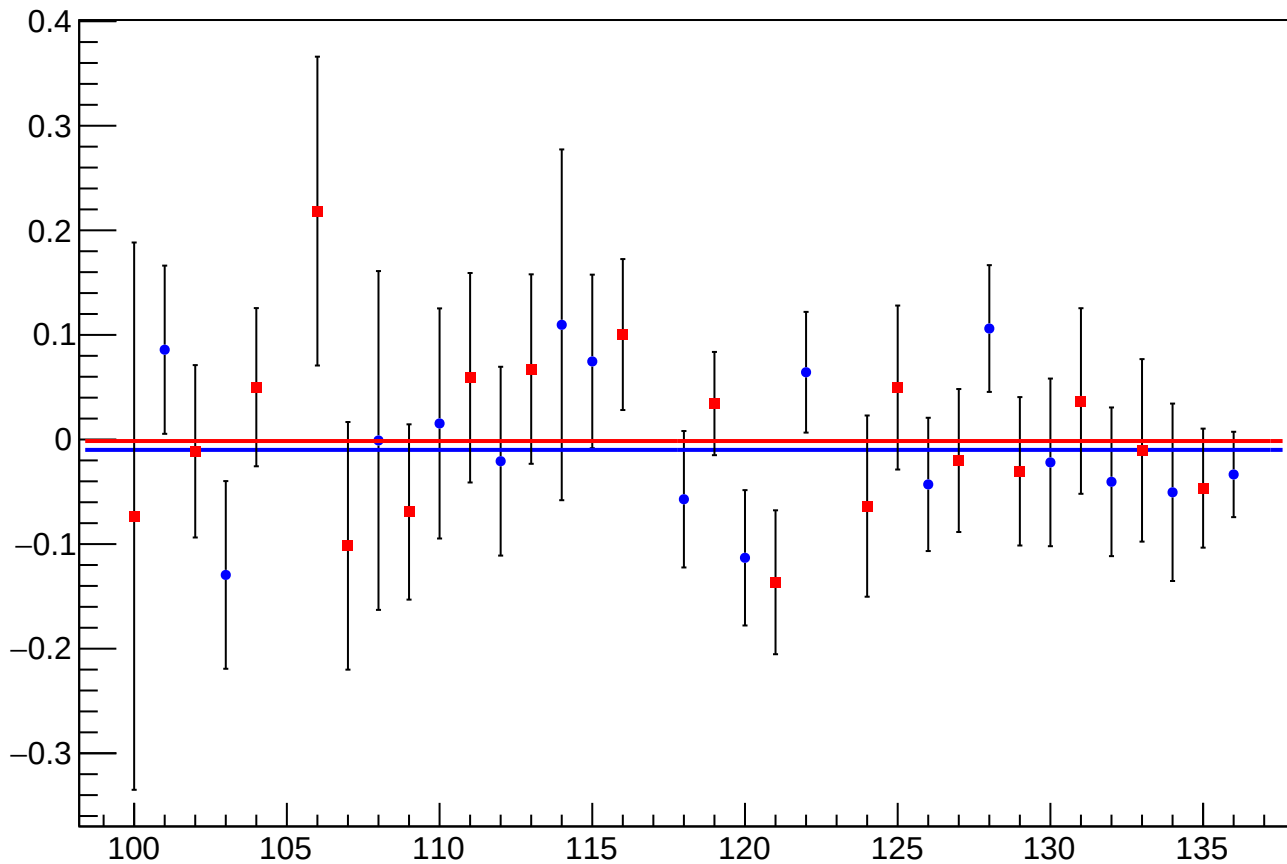
Right: 47.032+/-0.009 χ^2/NDF : 1534362.2/33

In: 46.141+/-0.013 χ^2/NDF : 903280.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.032+/-0.009 χ^2/NDF : 1534362.2/33

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: -0.001+/-0.019 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

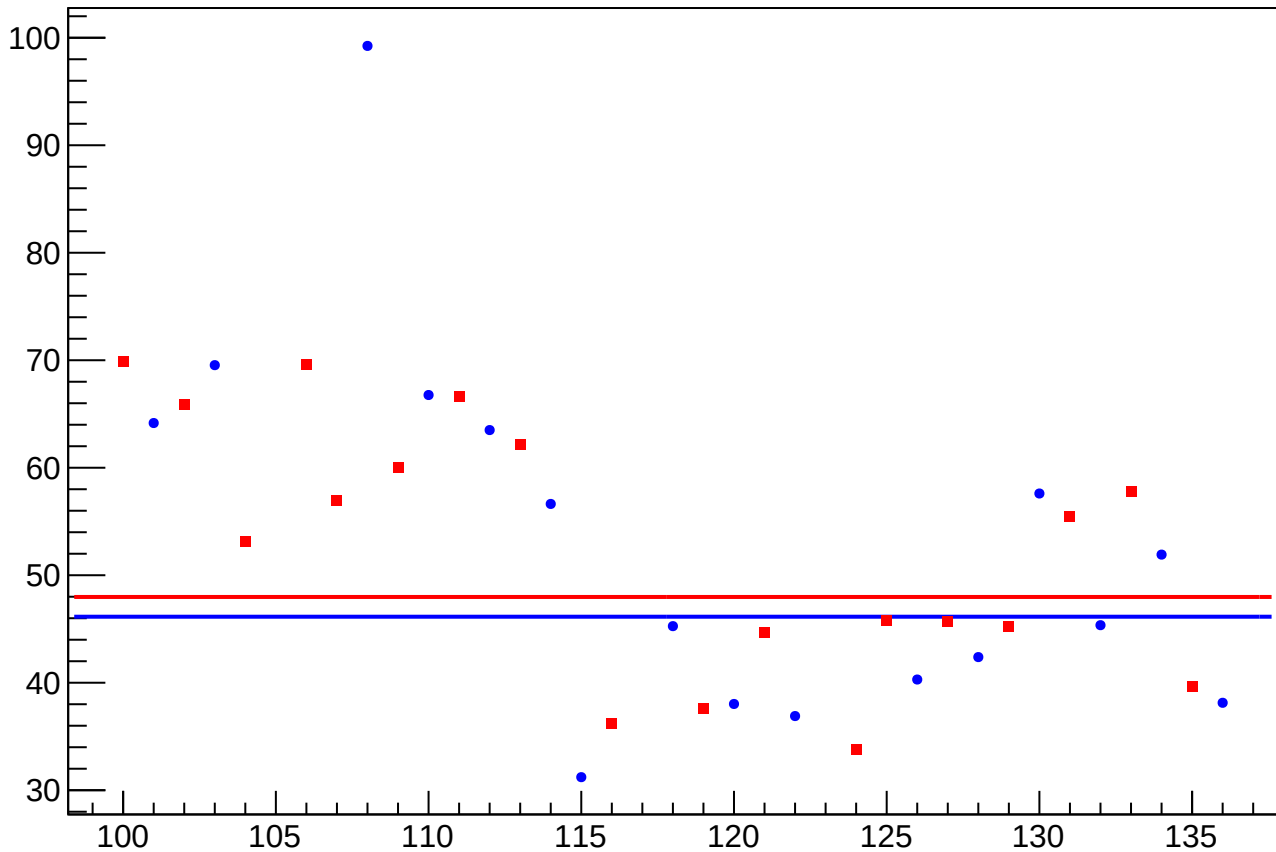
Right: -0.006+/-0.013 χ^2 /NDF: 27.8/33

In: -0.010+/-0.018 χ^2 /NDF:14.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -0.006+/-0.013 χ^2 /NDF: 27.8/33

asym_sam_24_68_dd_dit_vs_eigen_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: 47.979 $\pm$ 0.013 χ^2 /NDF: 620971.2/17

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

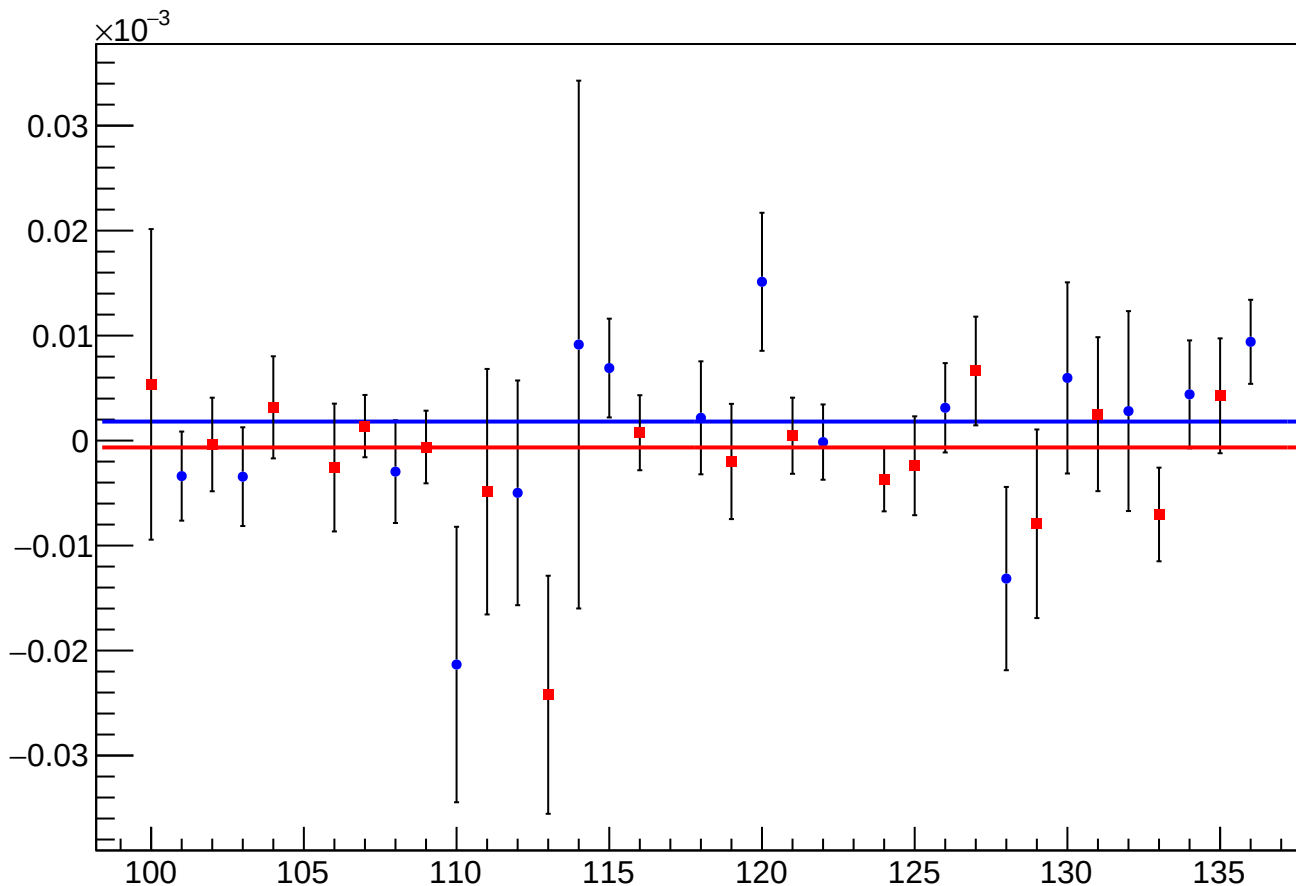
Right: 47.032 $\pm$ 0.009 χ^2 /NDF: 1534362.2/33

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: 47.032 $\pm$ 0.009 χ^2 /NDF: 1534362.2/33

asym_sam_24_68_dd_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 : 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

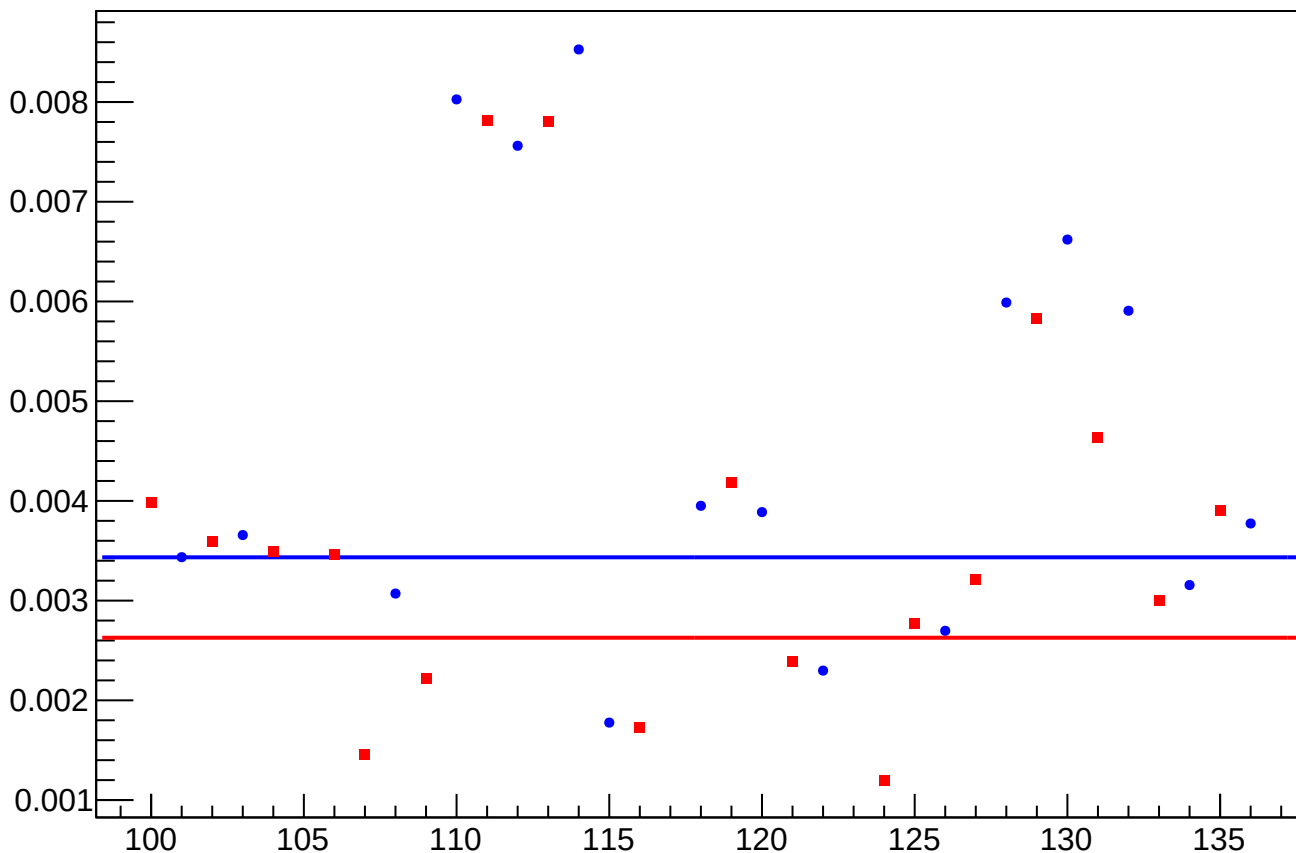
Right: 0.000 ± 0.000 χ^2/NDF : 34.9/33

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 : 34.9/33

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 : 2653526.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

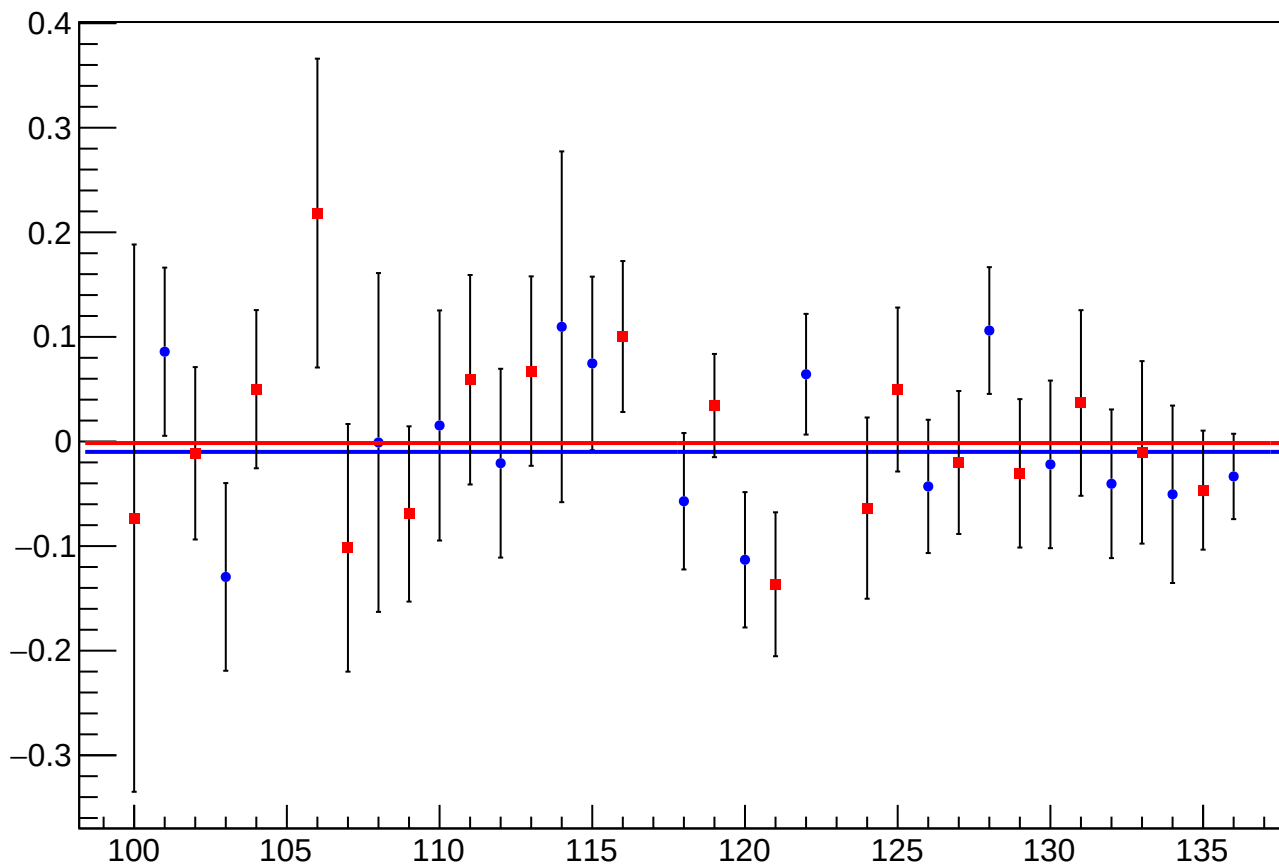
Right: 0.003+/-0.000 χ^2/NDF : 4823102.3/33

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 : 4823102.3/33

asym_sam_24_68_dd_eigen_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: -0.001 ± 0.019 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

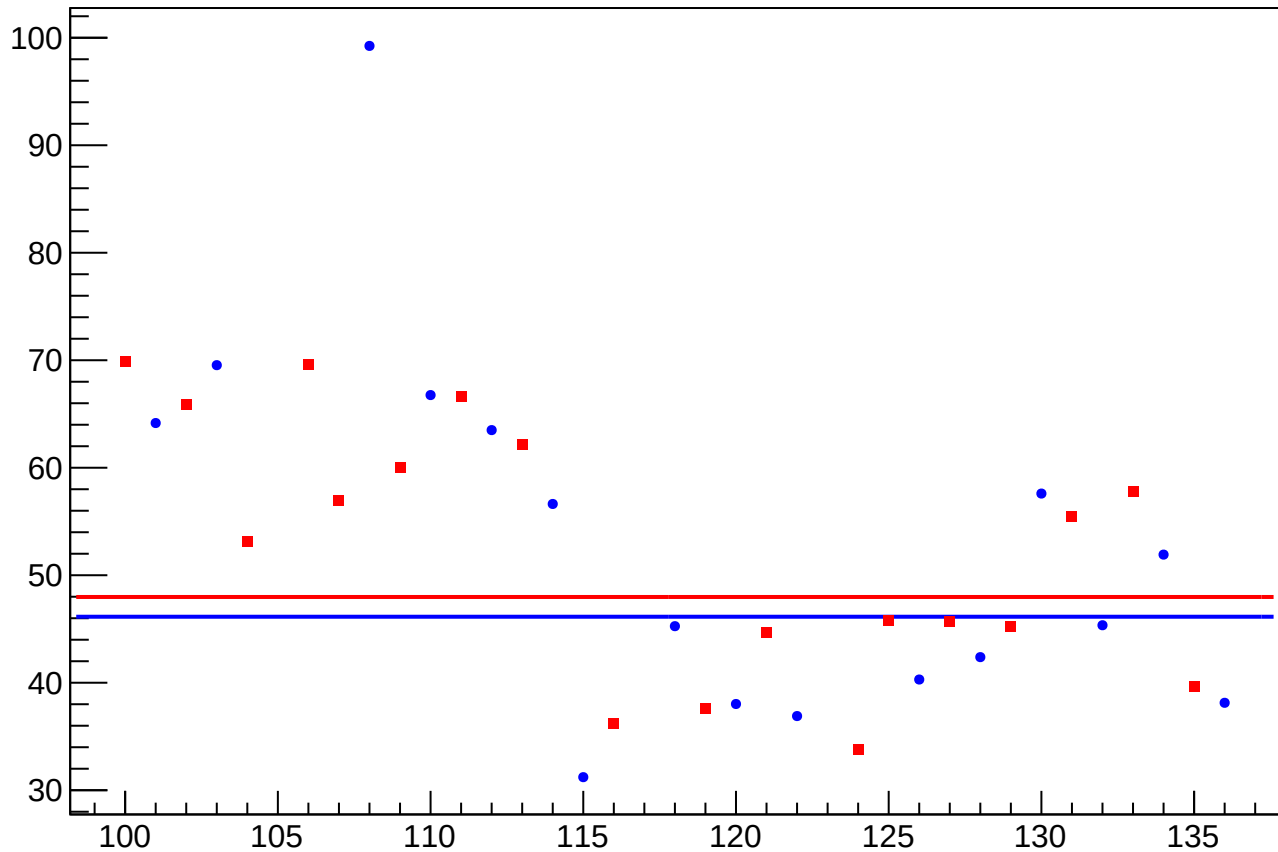
Right: -0.006 ± 0.013 χ^2/NDF : 27.8/33

In: -0.010 ± 0.018 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.013 χ^2/NDF : 27.8/33

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: 47.977 $\pm$ 0.013 χ^2 /NDF: 620967.2/17

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

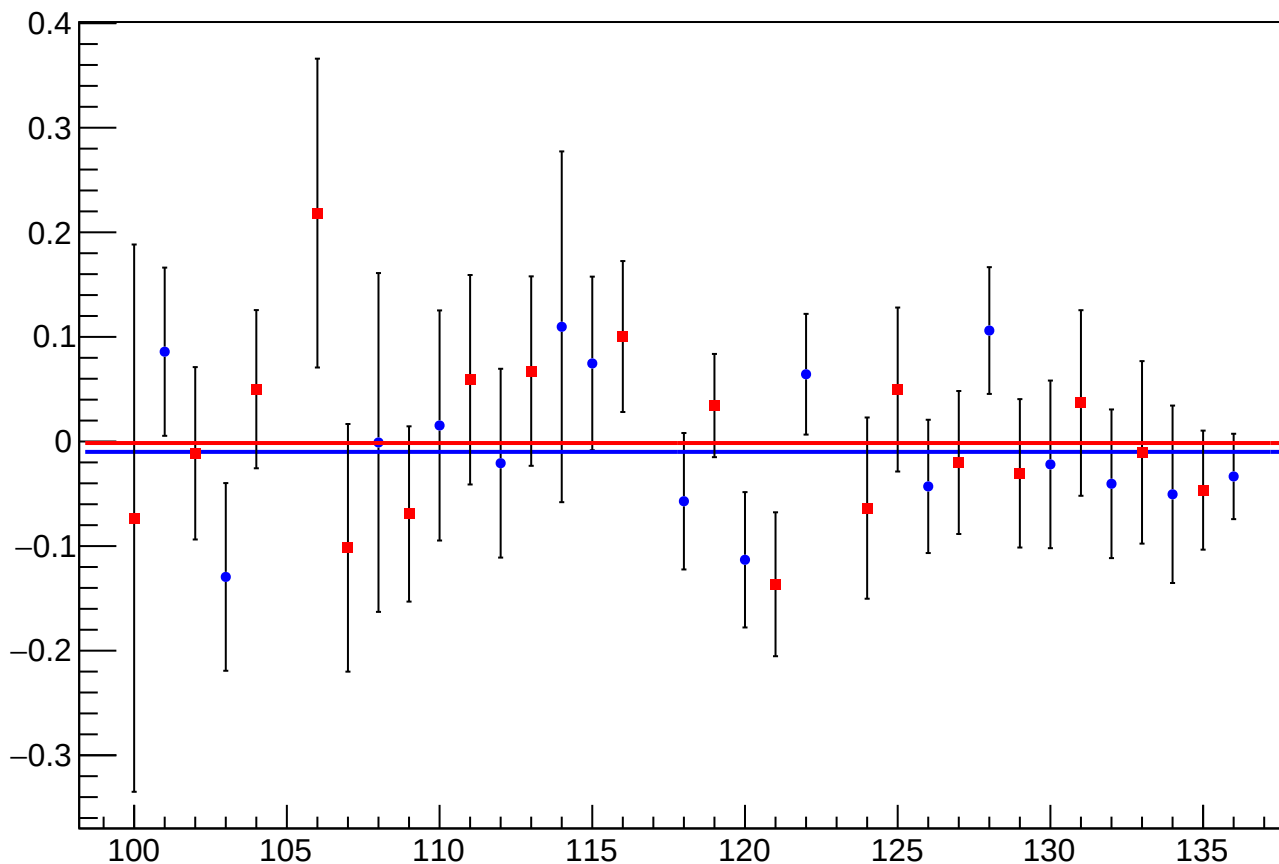
Right: 47.031 $\pm$ 0.009 χ^2 /NDF: 1534333.4/33

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: 47.031 $\pm$ 0.009 χ^2 /NDF: 1534333.4/33

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: -0.001 ± 0.019 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

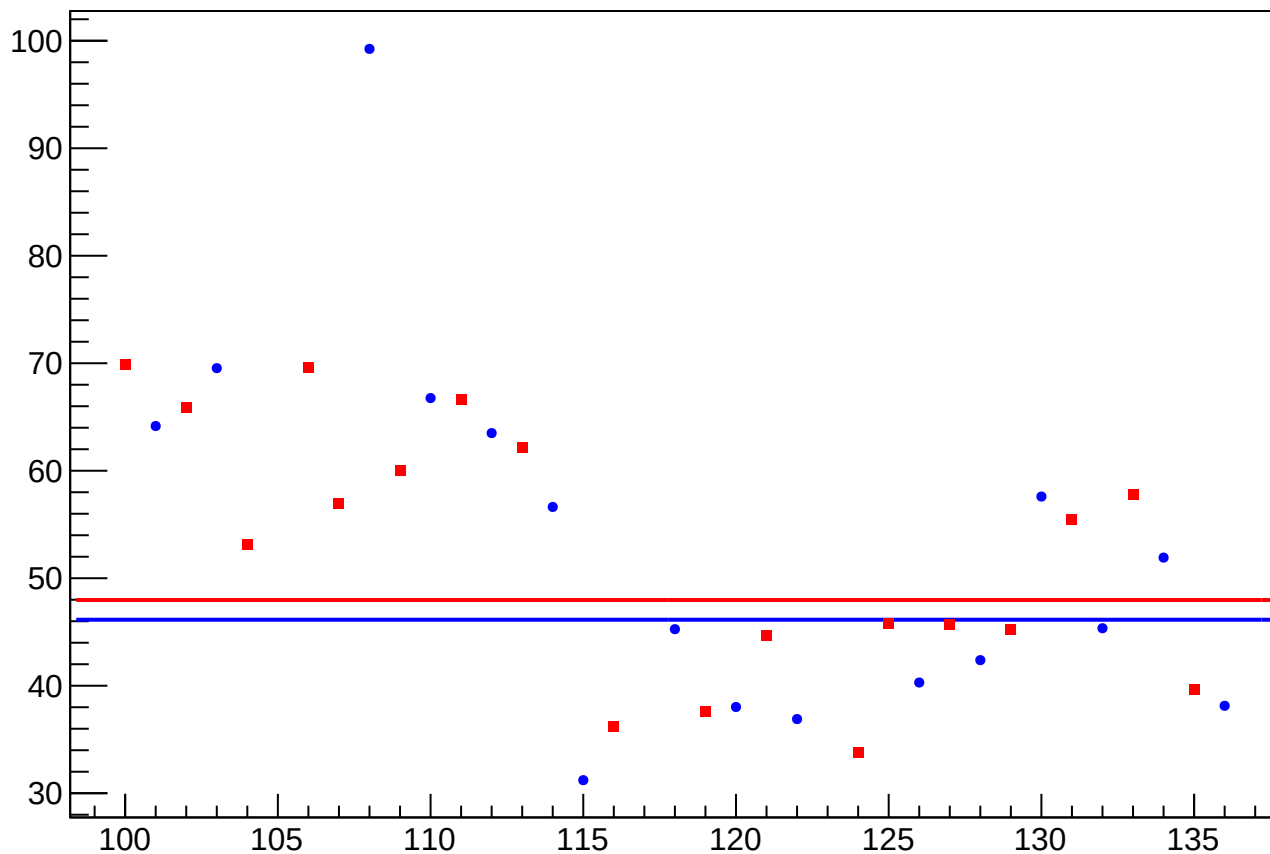
Right: -0.006 ± 0.013 χ^2/NDF : 27.8/33

In: -0.010 ± 0.018 χ^2/NDF : 14.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.013 χ^2/NDF : 27.8/33

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: 47.977 $\pm$ 0.013 χ^2 /NDF: 620967.2/17

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

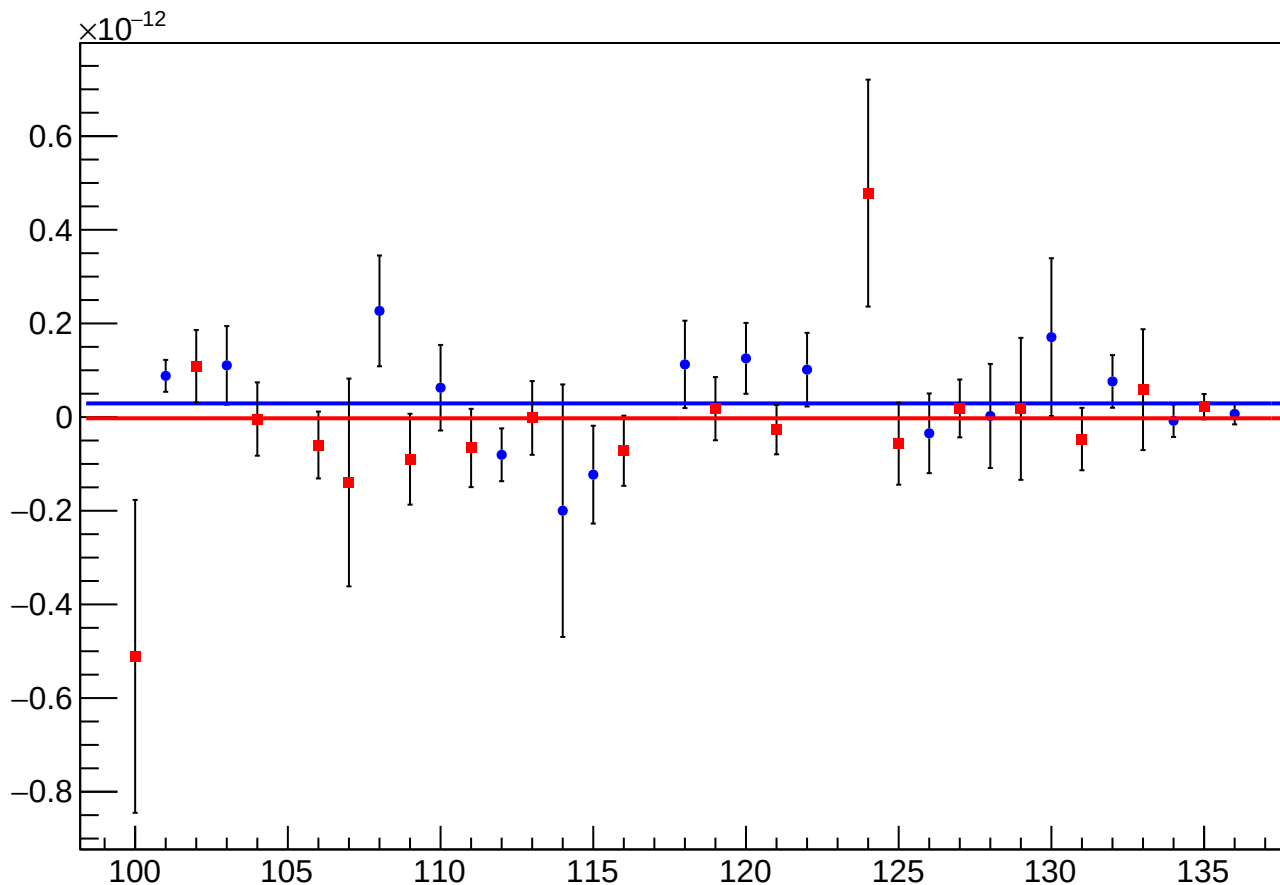
Right: 47.031 $\pm$ 0.009 χ^2 /NDF: 1534333.4/33

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: 47.031 $\pm$ 0.009 χ^2 /NDF: 1534333.4/33

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 : 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

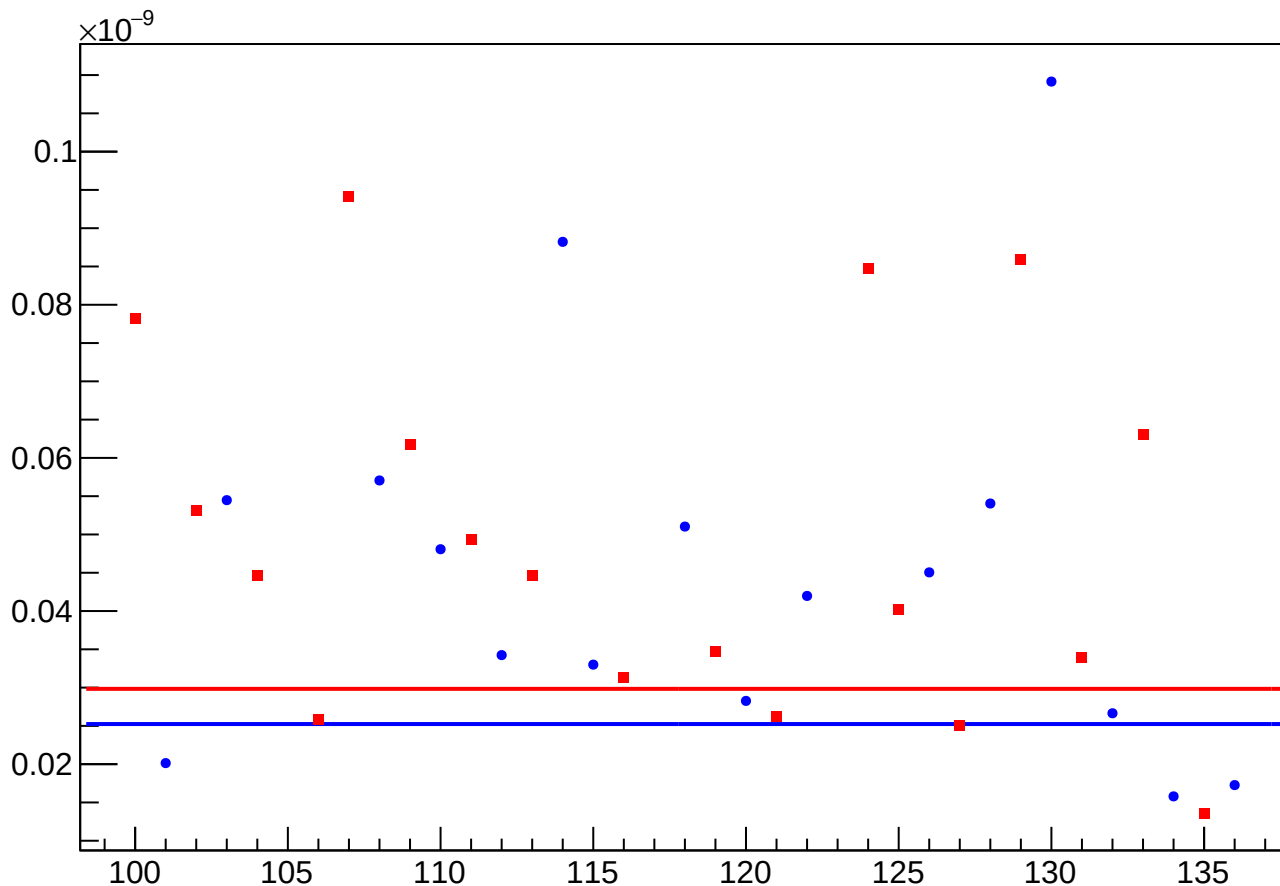
Right: 0.000+/-0.000 χ^2/NDF : 37.1/33

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 : 37.1/33

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 0.000+/-0.000 χ^2/NDF : 2117960.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2169569.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

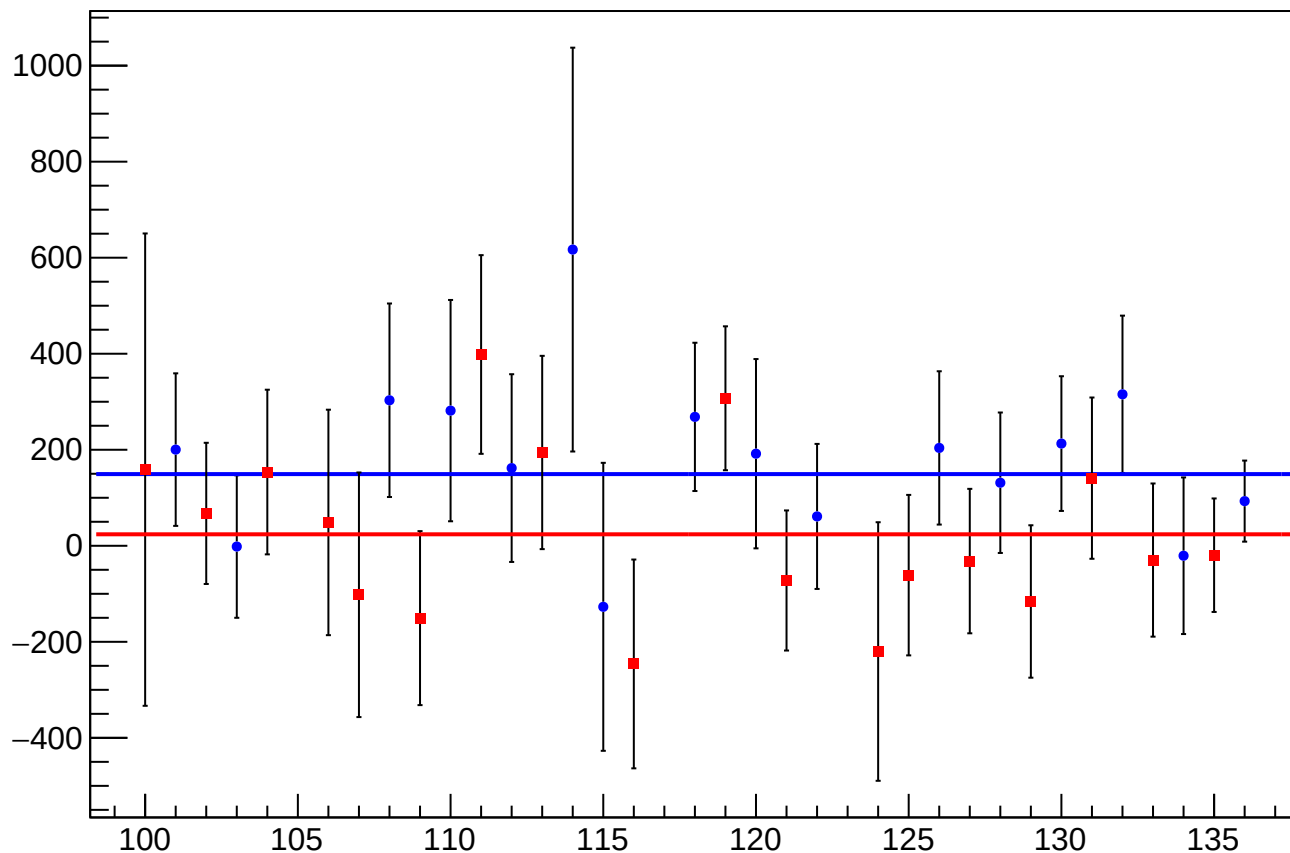
Right: 0.000+/-0.000 χ^2/NDF : 4382787.0/33

In: 0.000+/-0.000 χ^2/NDF : 2117960.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4382787.0/33

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: 23.920 $\pm$ 41.206 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

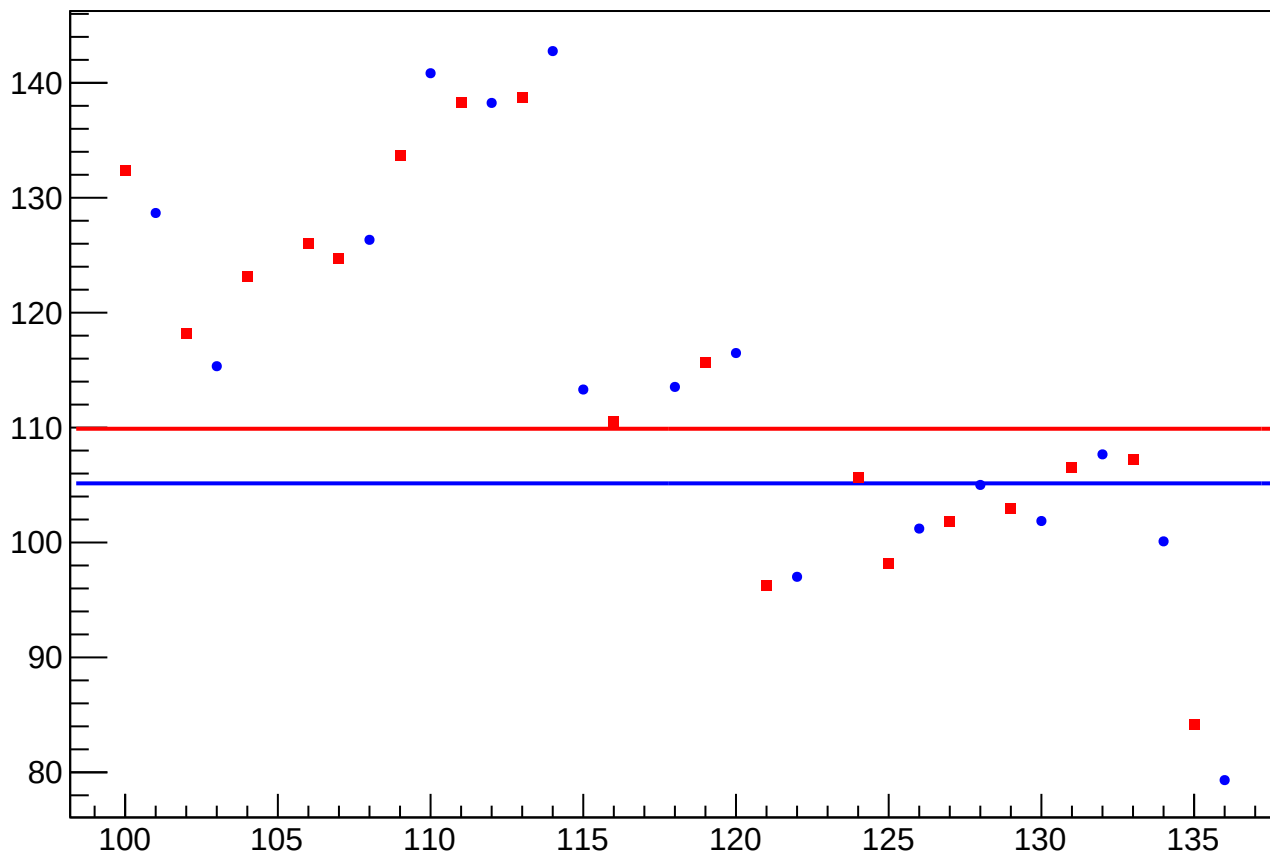
Right: 88.965 $\pm$ 28.585 χ^2 /NDF: 27.0/33

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: 88.965 $\pm$ 28.585 χ^2 /NDF: 27.0/33

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: 109.898 $\pm$ 0.029 χ^2 /NDF: 288219.6/17

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

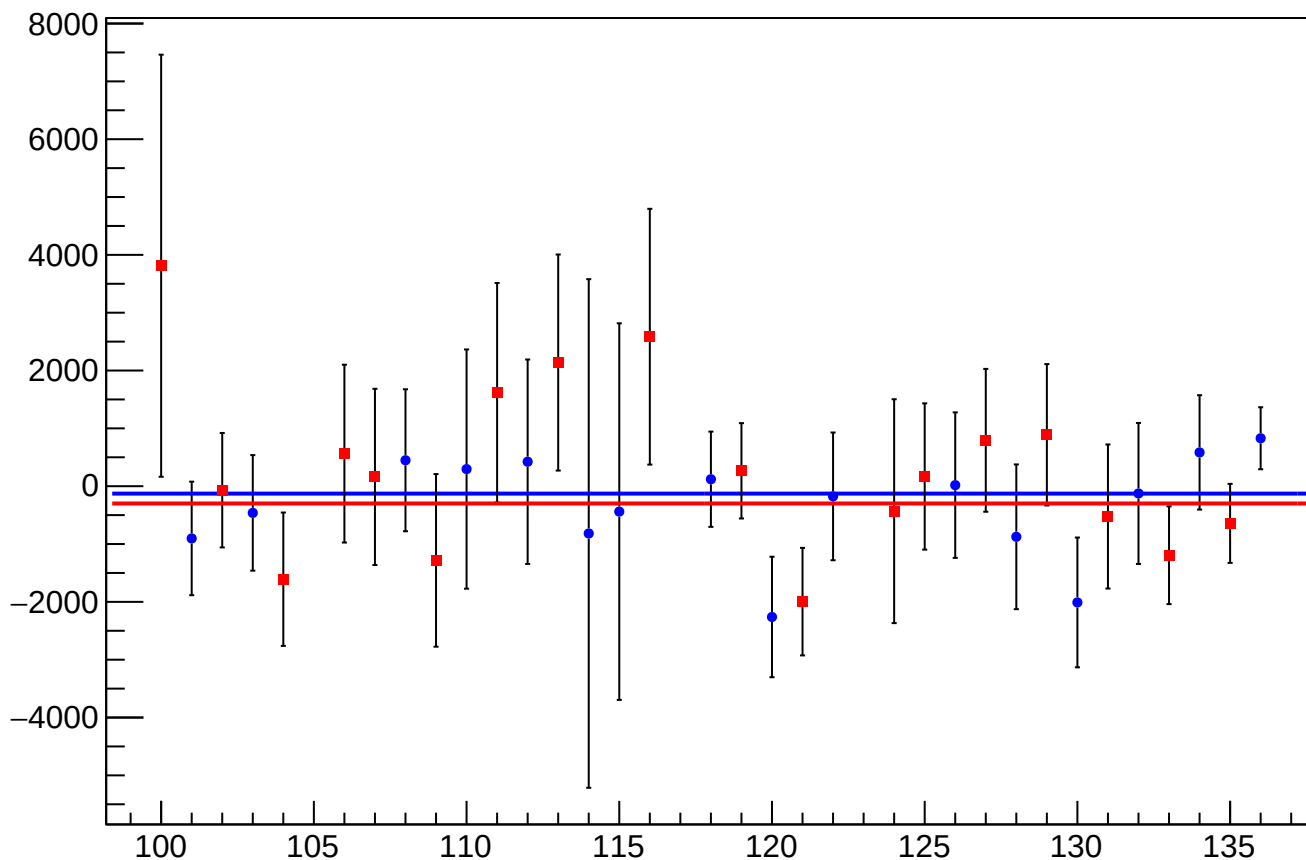
Right: 107.433 $\pm$ 0.020 χ^2 /NDF: 710424.0/33

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: 107.433 $\pm$ 0.020 χ^2 /NDF: 710424.0/33

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: -298.853+/-277.836 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

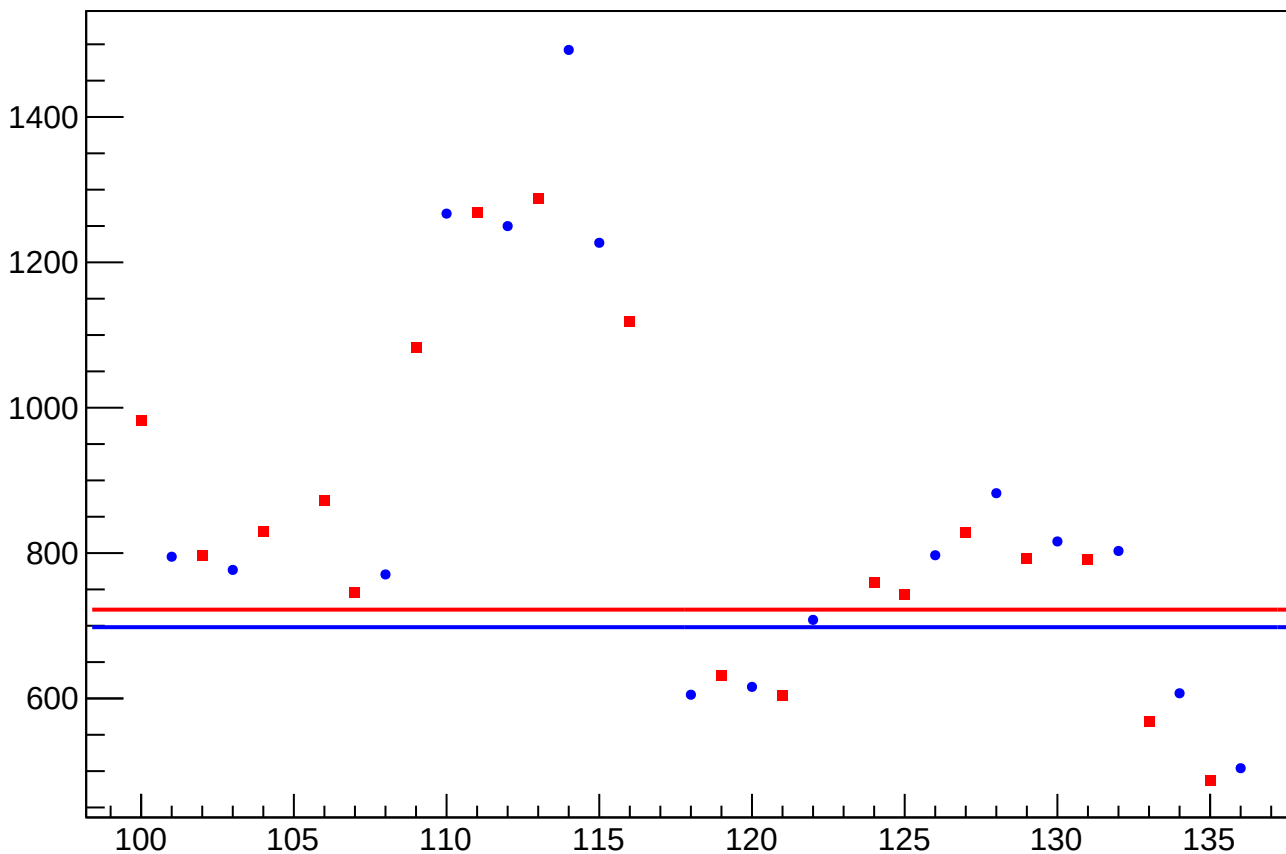
Right: -210.572+/-193.116 χ^2/NDF : 27.5/33

In: -128.056+/-268.611 χ^2/NDF : 12.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.572+/-193.116 χ^2/NDF : 27.5/33

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: 722.198+/-0.196 χ^2/NDF : 976641.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

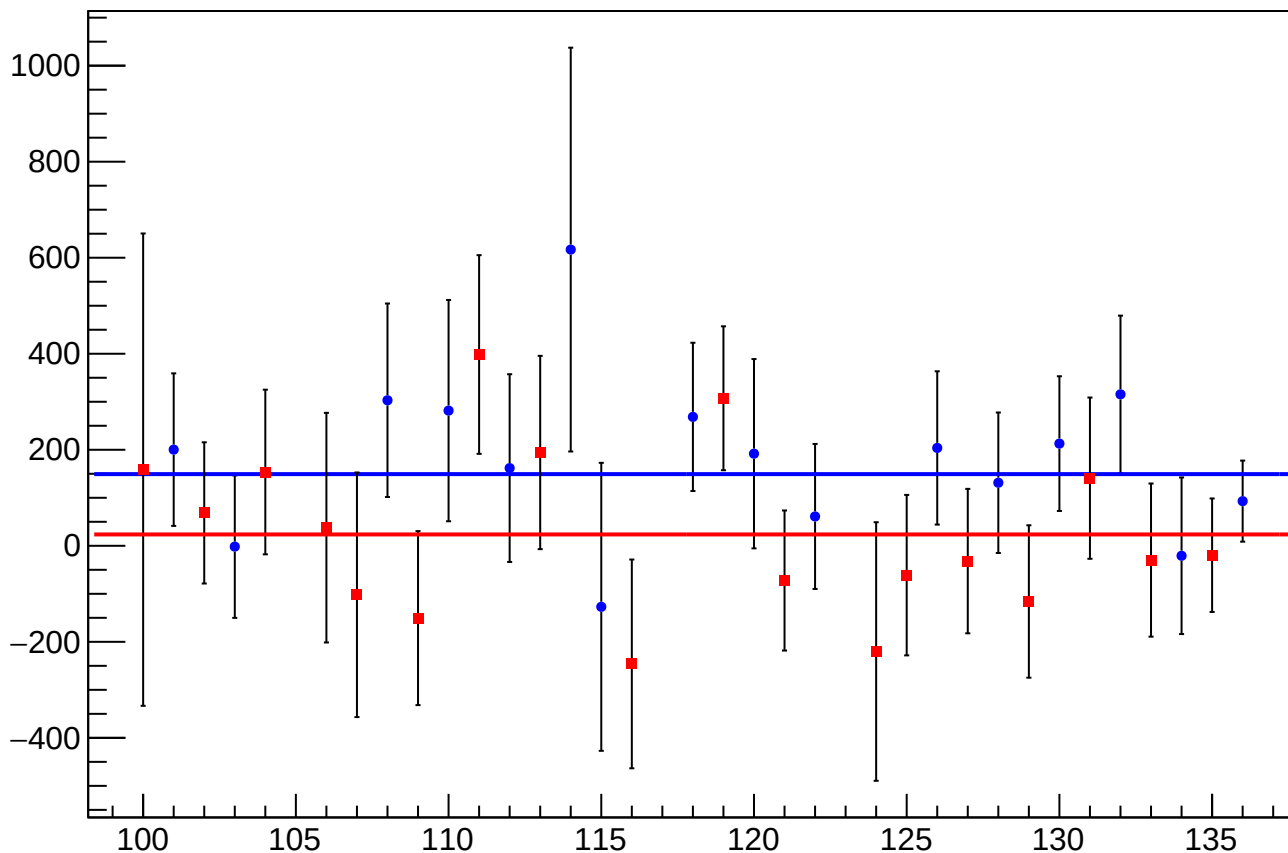
Right: 709.719+/-0.137 χ^2/NDF : 1897299.2/33

In: 698.055+/-0.190 χ^2/NDF : 912851.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.719+/-0.137 χ^2/NDF : 1897299.2/33

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: 23.656 $\pm$ 41.230 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

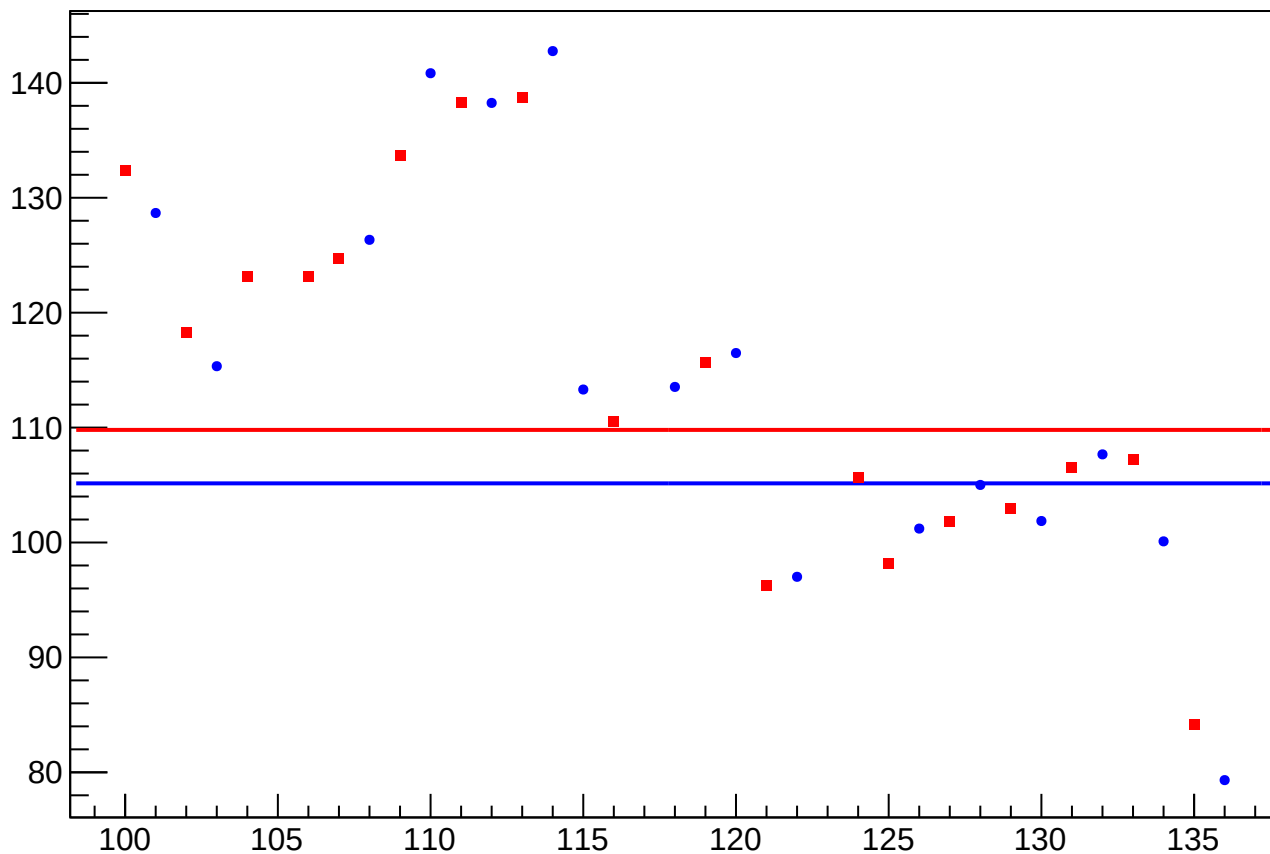
Right: 88.869 $\pm$ 28.593 χ^2 /NDF: 27.0/33

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: 88.869 $\pm$ 28.593 χ^2 /NDF: 27.0/33

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: 109.798 $\pm$ 0.029 χ^2 /NDF: 285000.2/17

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

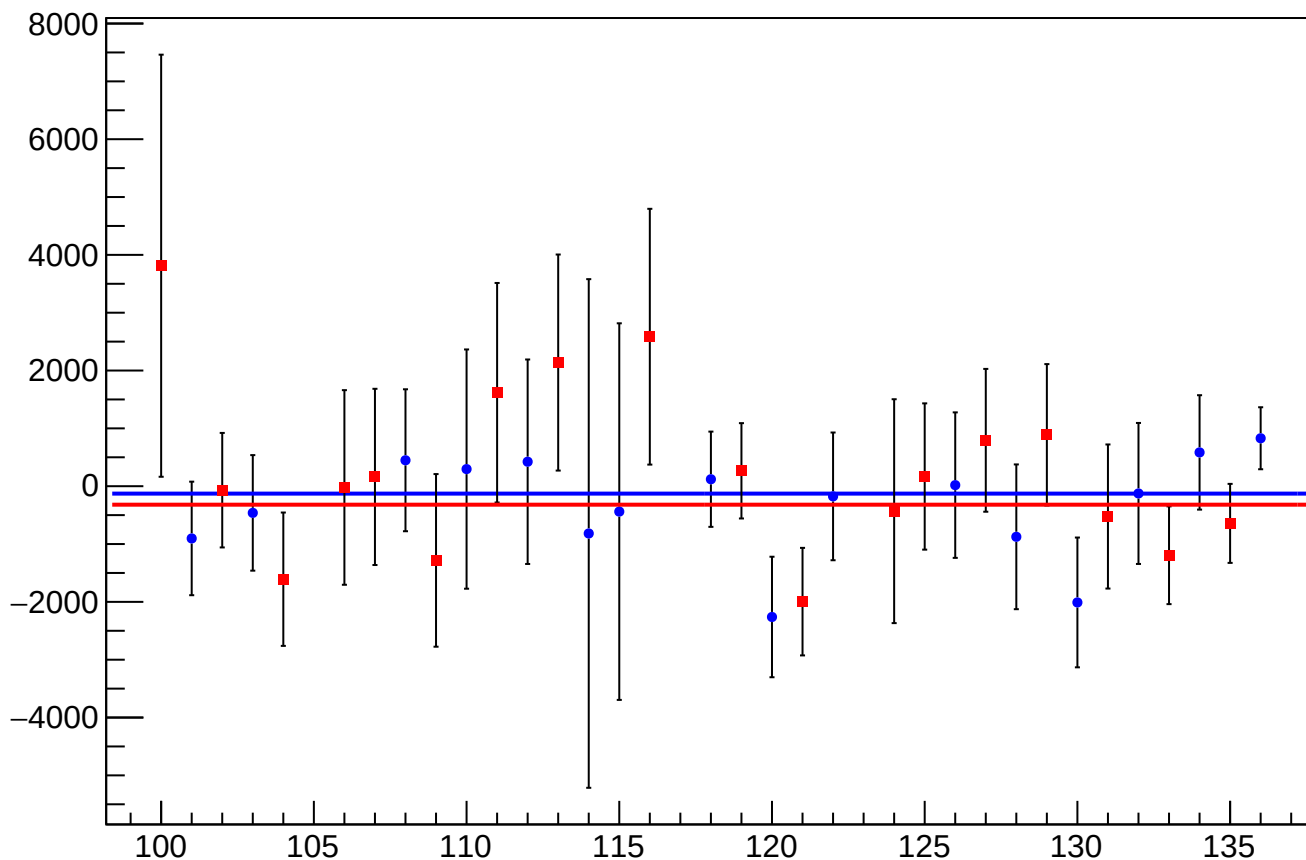
Right: 107.384 $\pm$ 0.020 χ^2 /NDF: 706623.0/33

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: 107.384 $\pm$ 0.020 χ^2 /NDF: 706623.0/33

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: -319.551 $\pm$ 278.602 χ^2 /NDF: 14.7/17

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

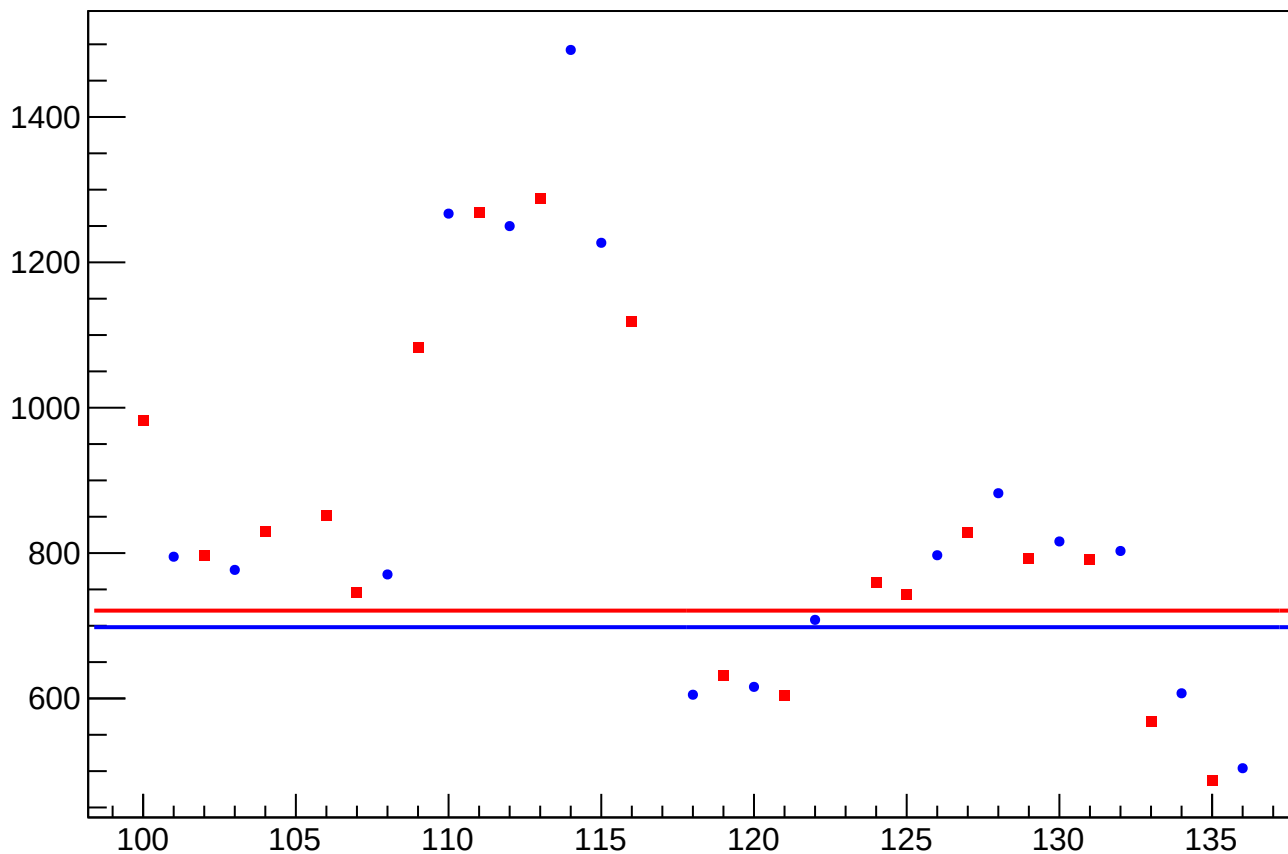
Right: -220.304 $\pm$ 193.373 χ^2 /NDF: 27.2/33

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: -220.304 $\pm$ 193.373 χ^2 /NDF: 27.2/33

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: 720.842+/-0.197 χ^2/NDF : 969433.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

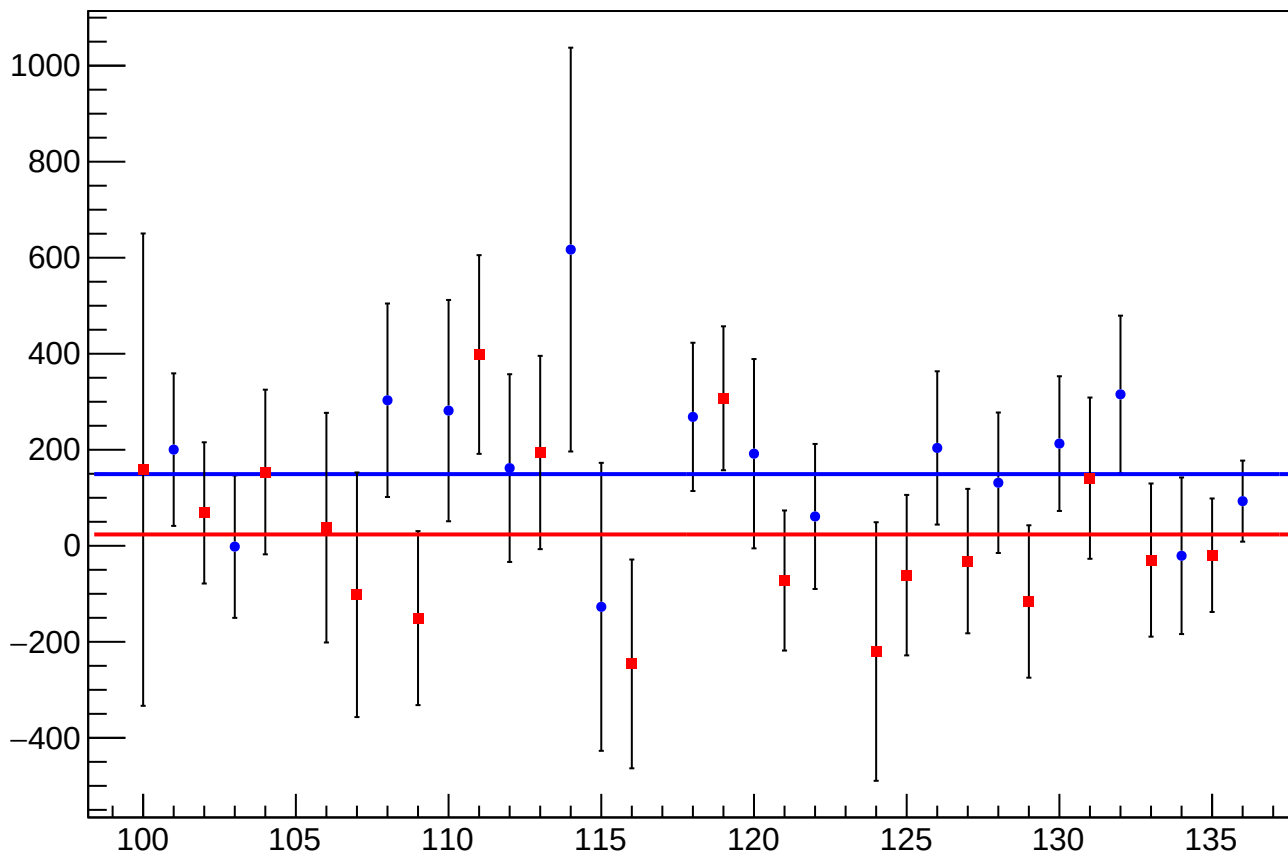
Right: 709.033+/-0.137 χ^2/NDF : 1889228.8/33

In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.033+/-0.137 χ^2/NDF : 1889228.8/33

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: 23.656 $\pm$ 41.230 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

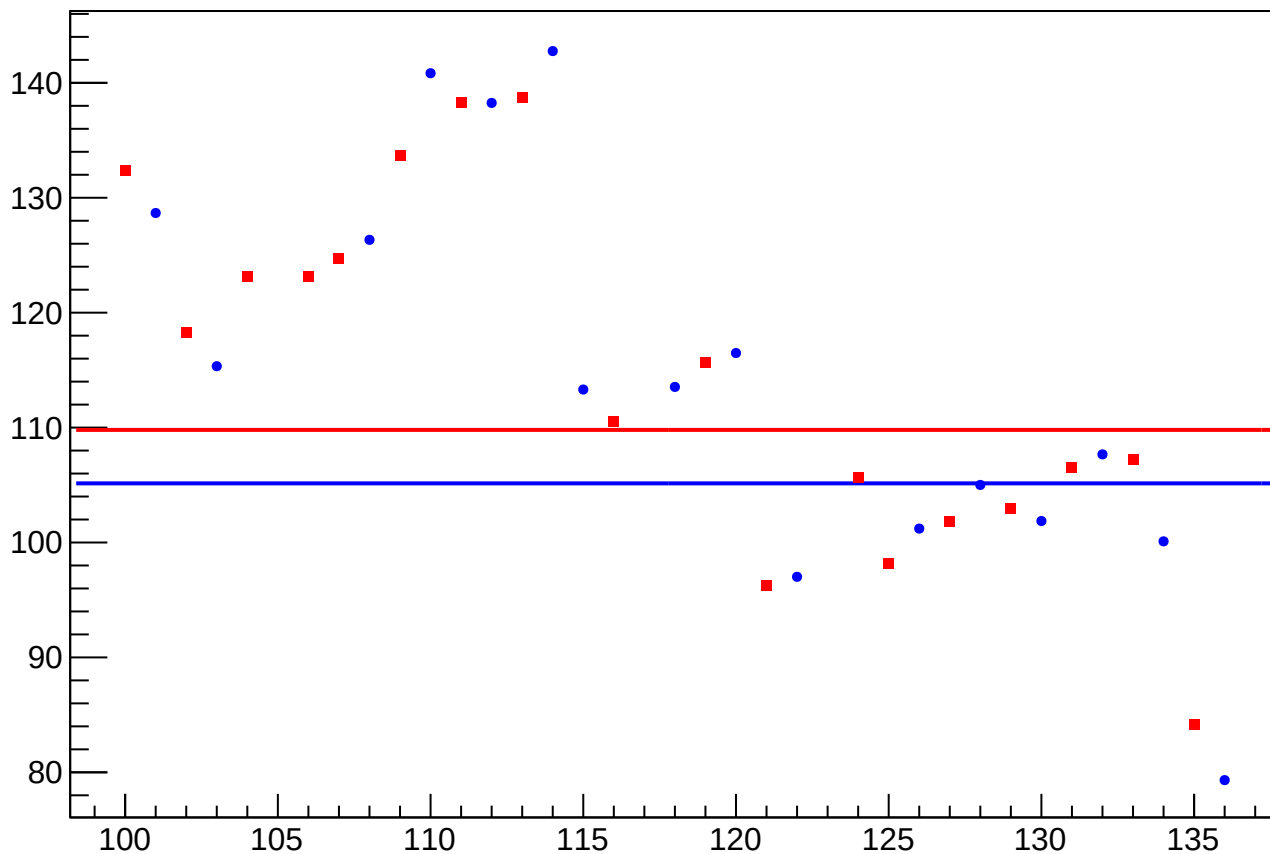
Right: 88.869 $\pm$ 28.593 χ^2 /NDF: 27.0/33

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: 88.869 $\pm$ 28.593 χ^2 /NDF: 27.0/33

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: 109.798 $\pm$ 0.029 χ^2 /NDF: 285000.2/17

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

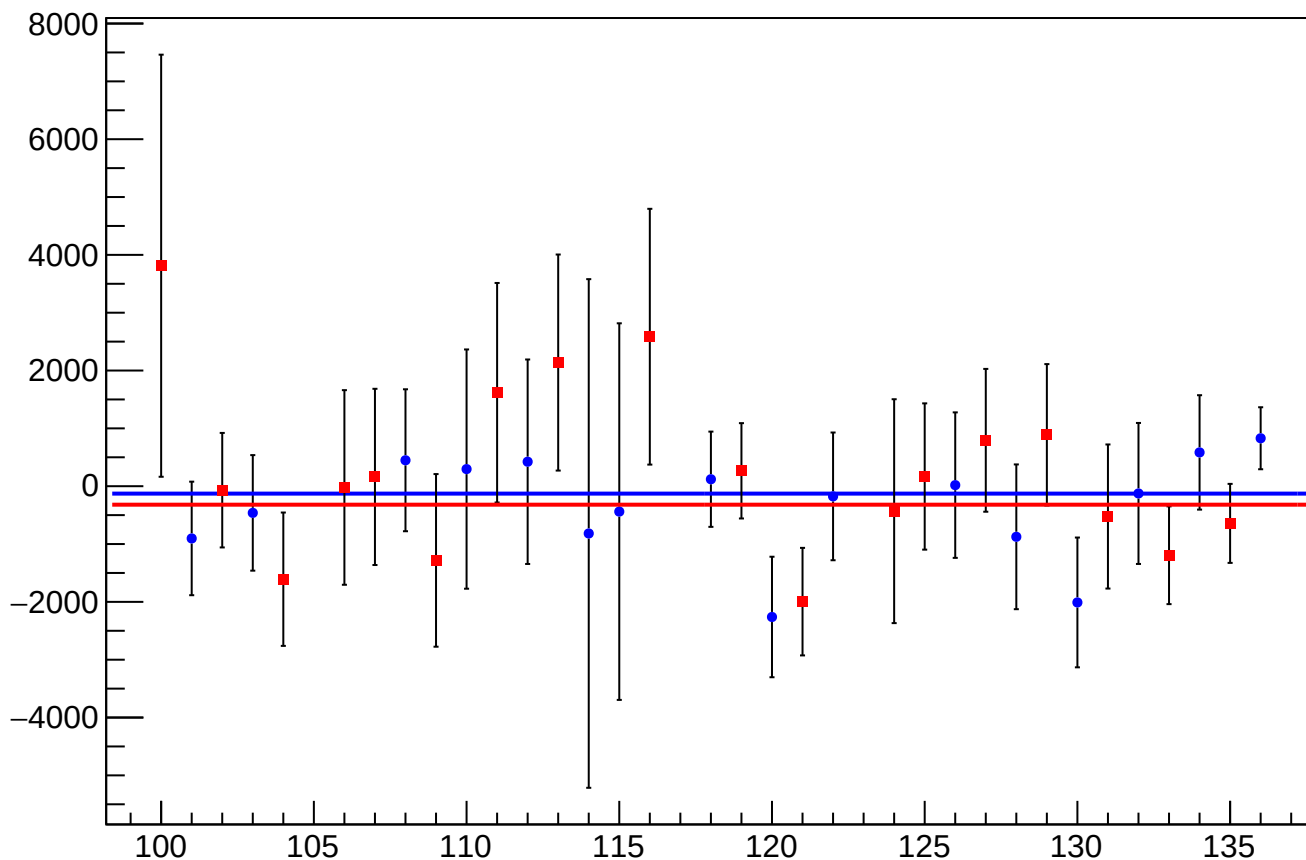
Right: 107.384 $\pm$ 0.020 χ^2 /NDF: 706623.0/33

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: 107.384 $\pm$ 0.020 χ^2 /NDF: 706623.0/33

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: -319.551 $\pm$ 278.602 χ^2 /NDF: 14.7/17

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

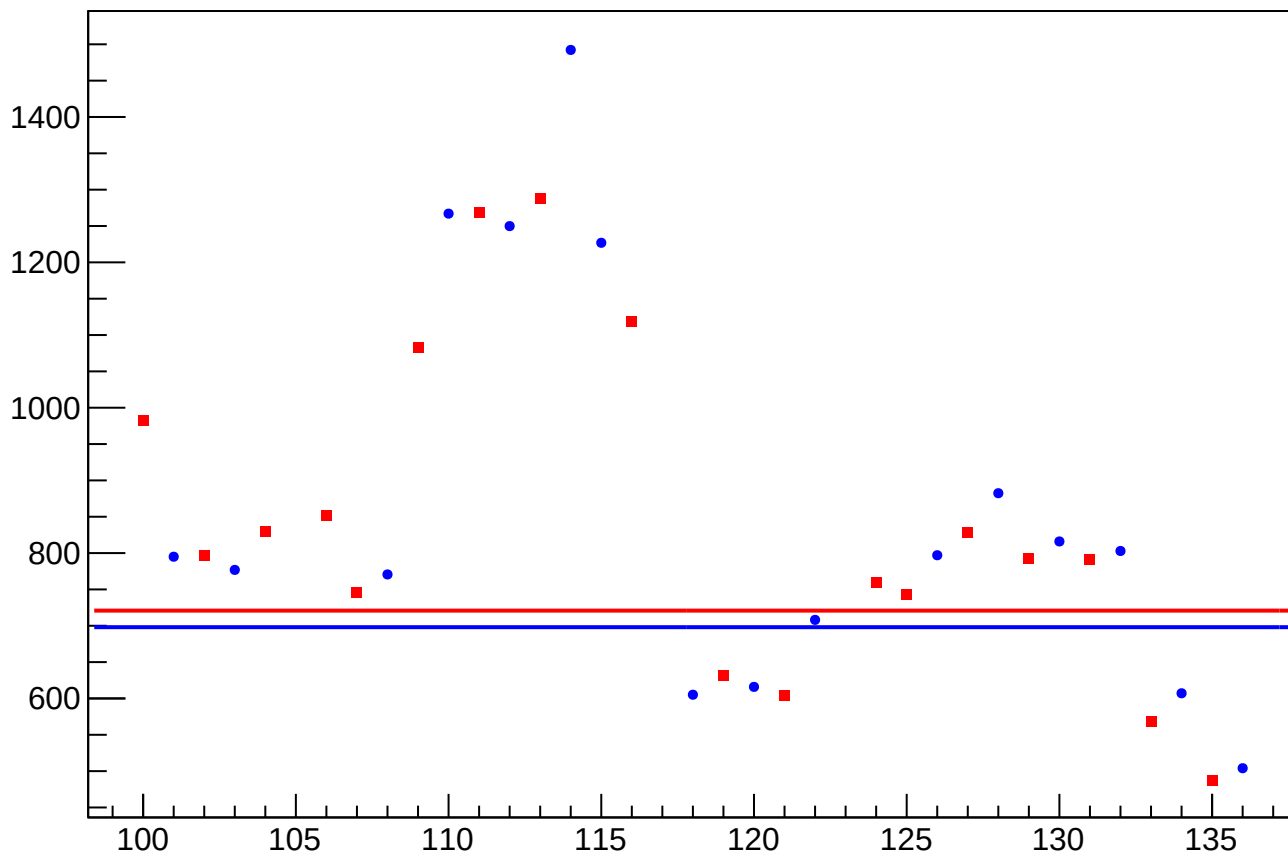
Right: -220.304 $\pm$ 193.373 χ^2 /NDF: 27.2/33

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: -220.304 $\pm$ 193.373 χ^2 /NDF: 27.2/33

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: 720.842+/-0.197 χ^2/NDF : 969433.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

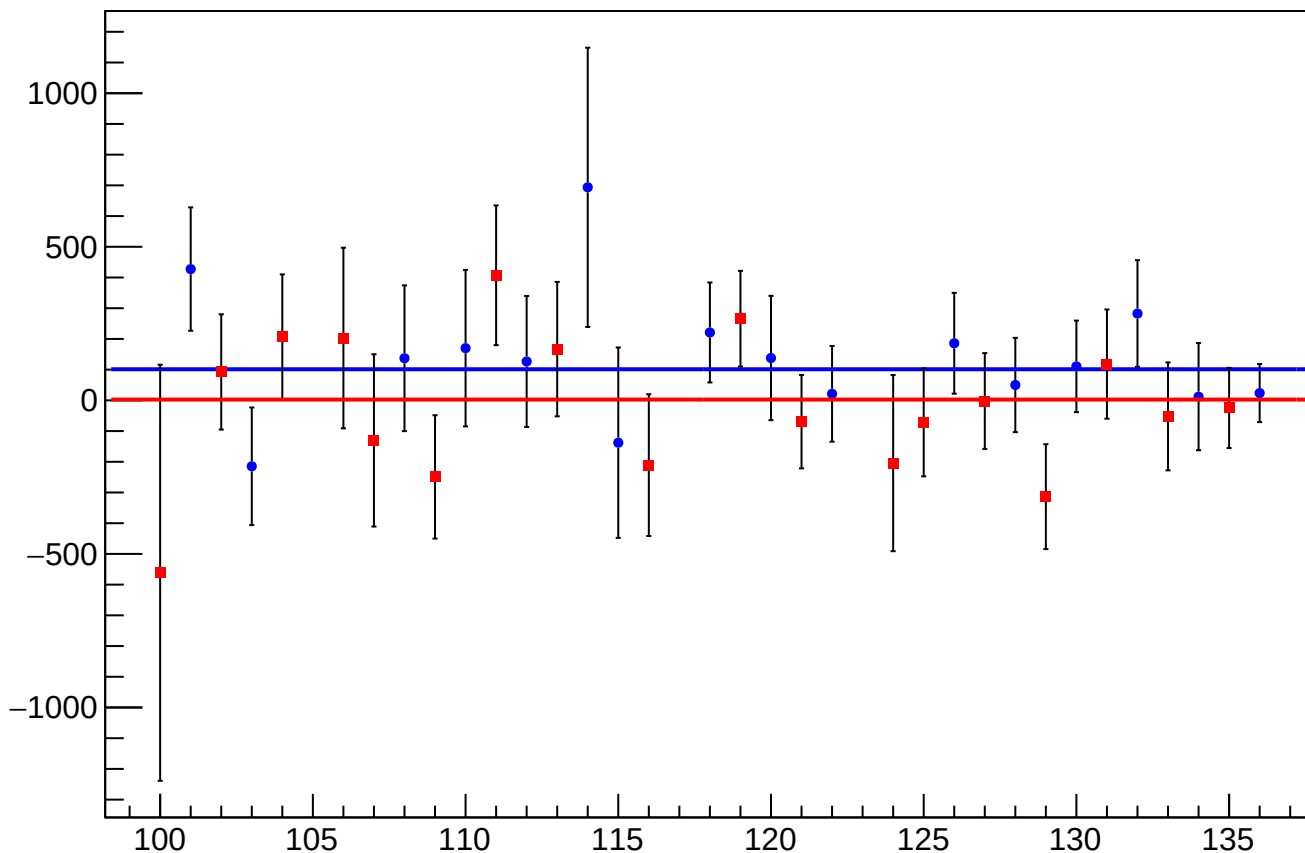
Right: 709.033+/-0.137 χ^2/NDF : 1889228.8/33

In: 698.055+/-0.190 χ^2/NDF : 912861.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 709.033+/-0.137 χ^2/NDF : 1889228.8/33

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: 2.532 $\pm$ 45.178 χ^2 /NDF: 16.6/17

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

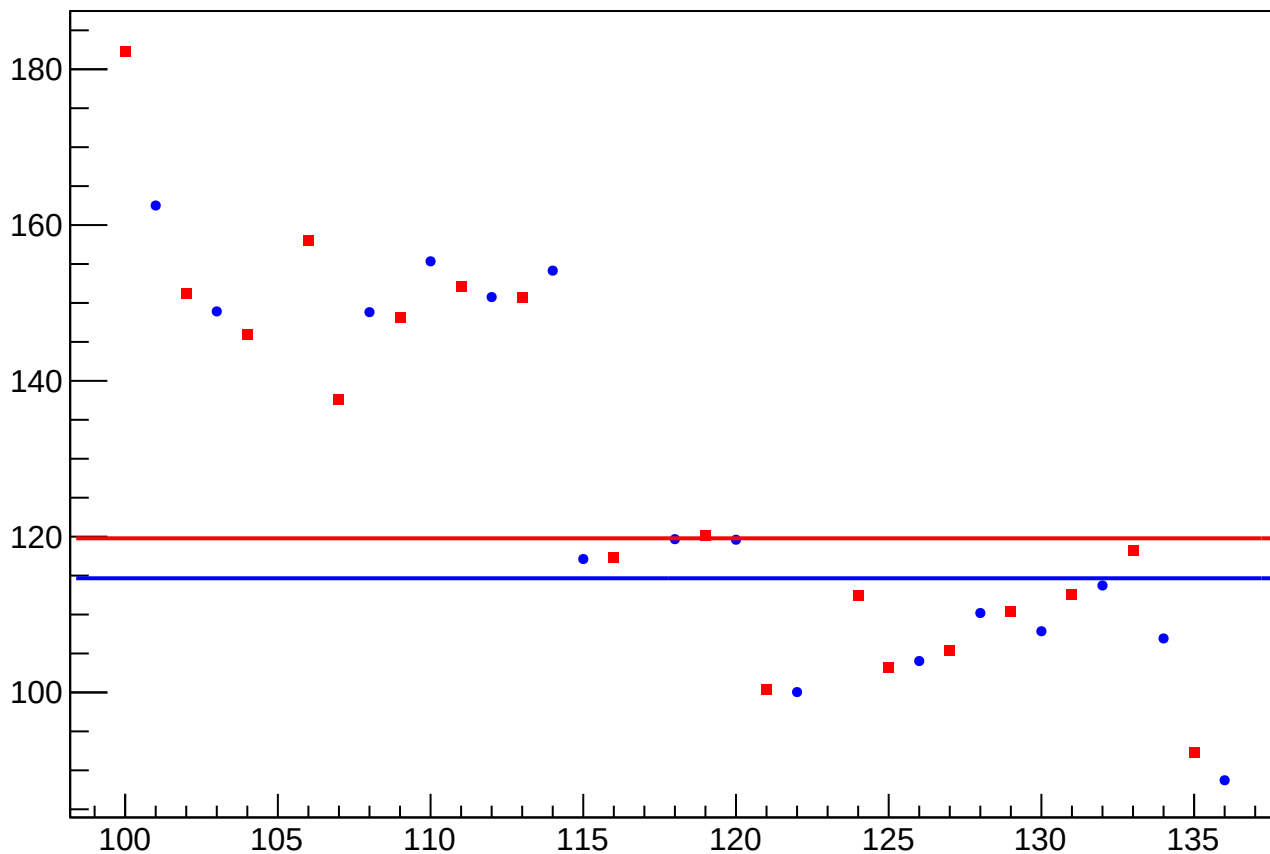
Right: 53.763 $\pm$ 31.339 χ^2 /NDF: 30.0/33

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: 53.763 $\pm$ 31.339 χ^2 /NDF: 30.0/33

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: 119.786+/-0.032 χ^2/NDF : 435937.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

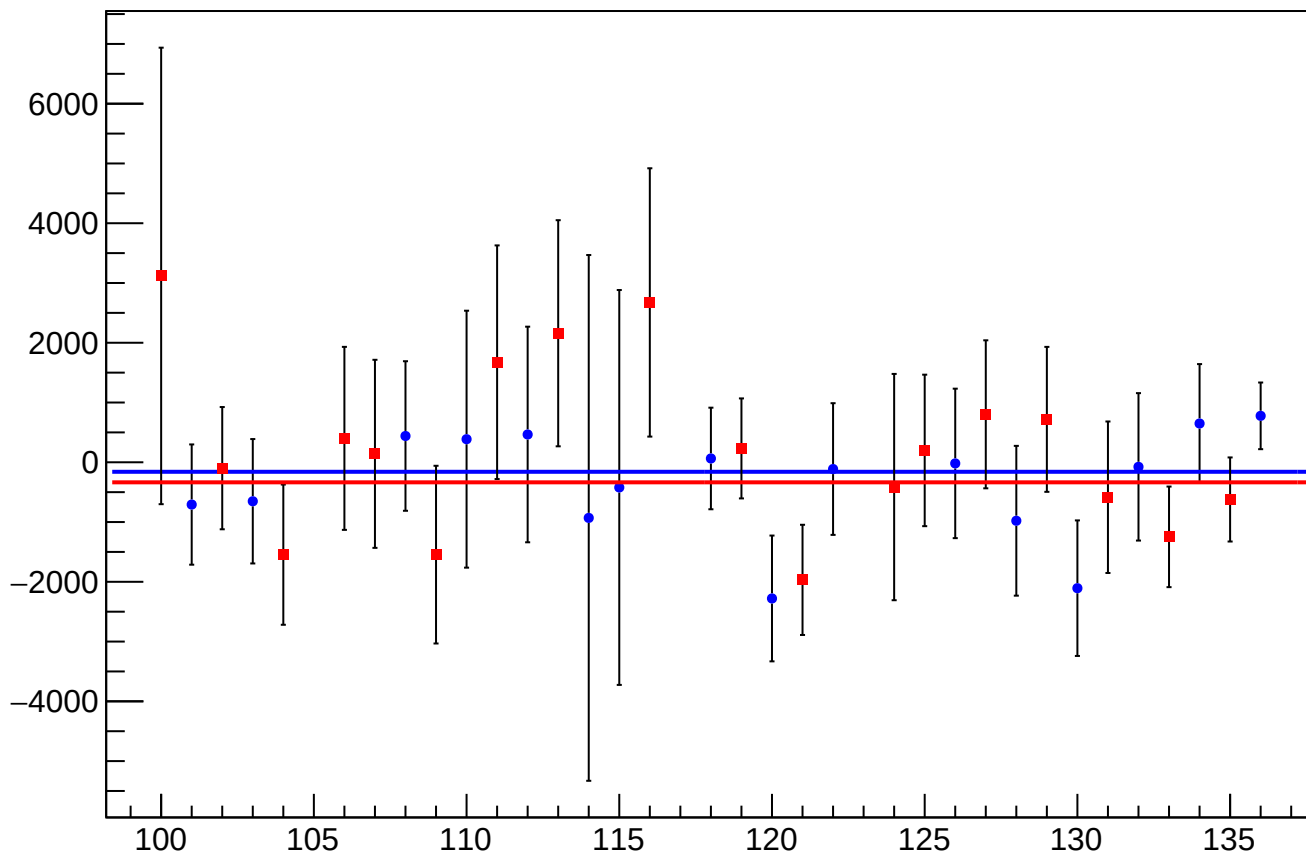
Right: 117.124+/-0.022 χ^2/NDF : 981301.6/33

In: 114.655+/-0.031 χ^2/NDF : 531976.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.124+/-0.022 χ^2/NDF : 981301.6/33

asym_sam_26_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -159.110 ± 274.558 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -335.582 ± 280.968 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

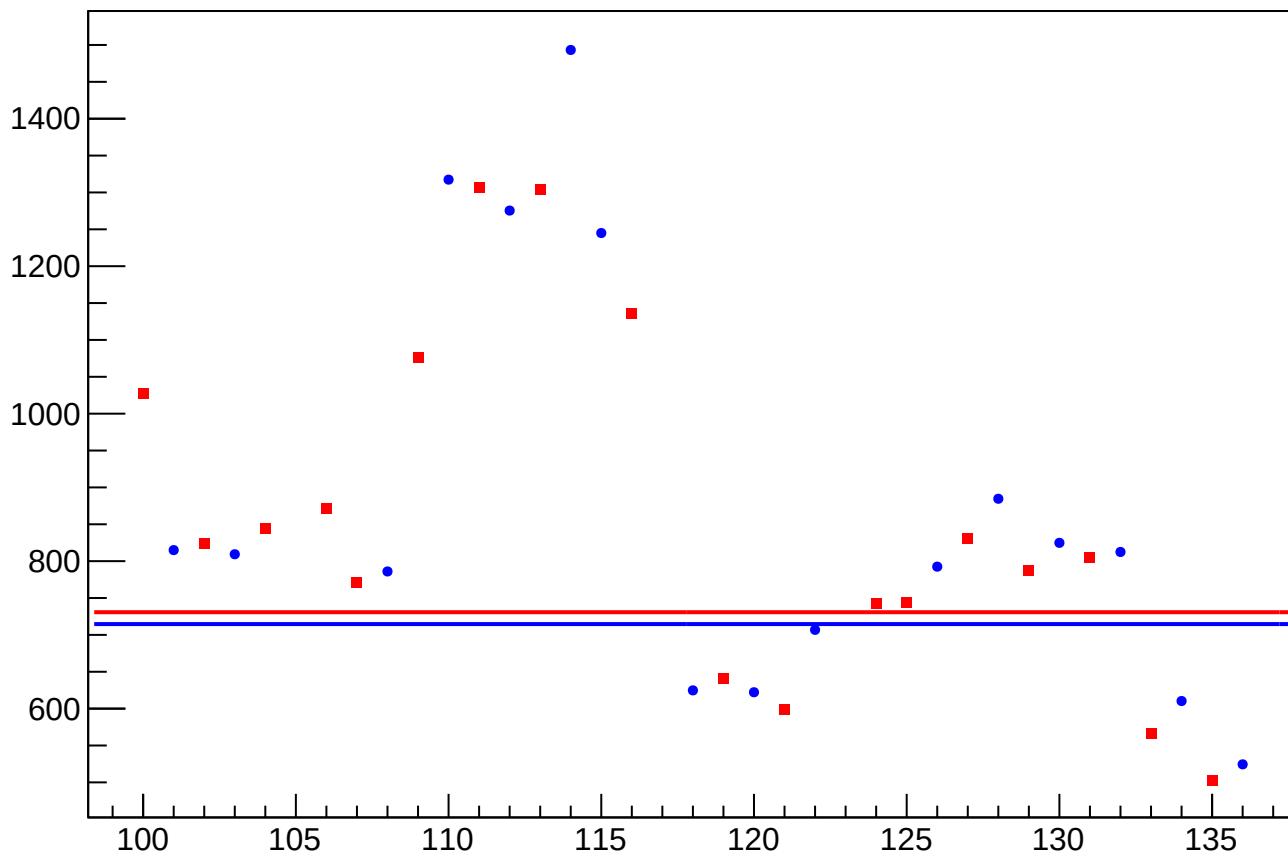
Right: -245.310 ± 196.369 χ^2/NDF : 26.4/33

In: -159.110 ± 274.558 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.310 ± 196.369 χ^2/NDF : 26.4/33

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: 730.744+/-0.199 χ^2/NDF : 970882.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

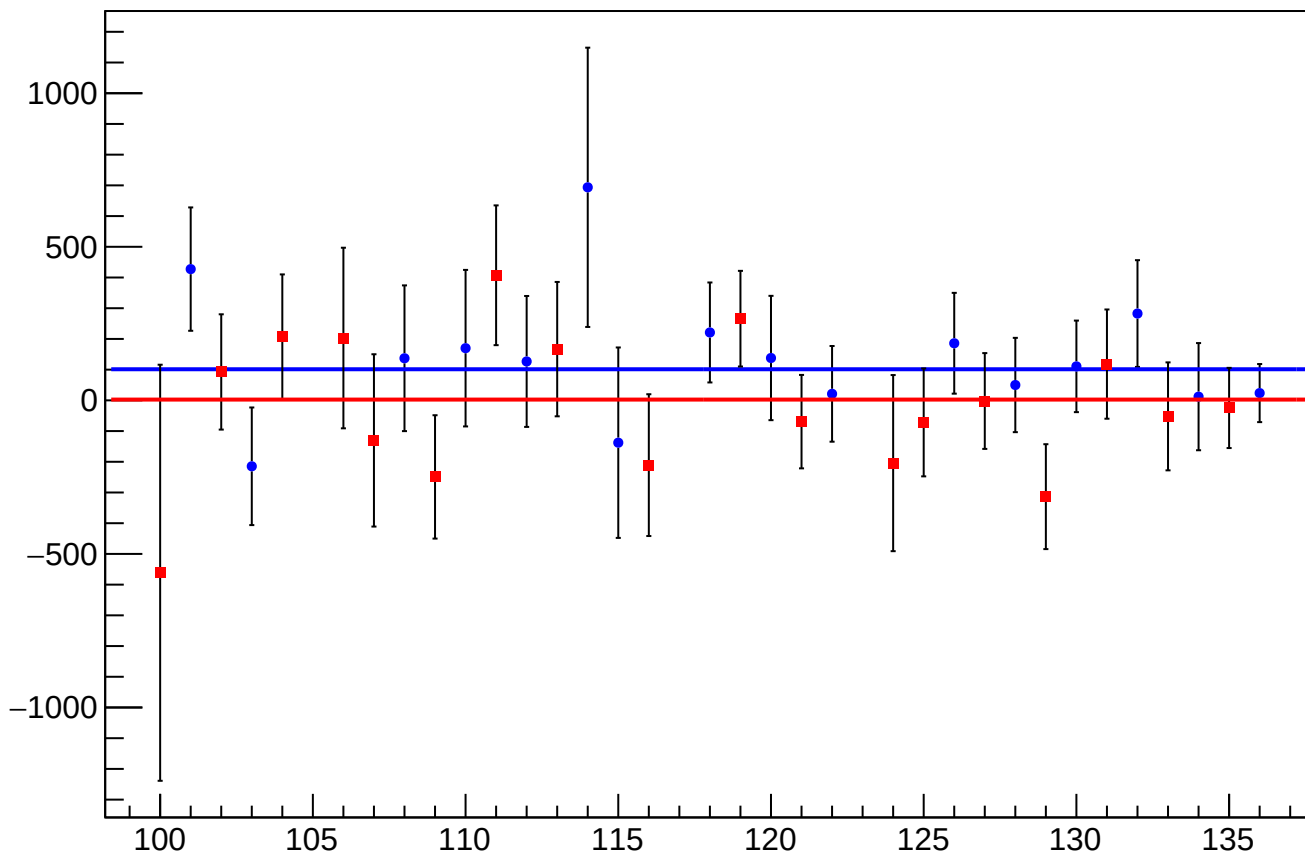
Right: 722.520+/-0.139 χ^2/NDF : 1850449.3/33

In: 714.666+/-0.194 χ^2/NDF : 876217.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.520+/-0.139 χ^2/NDF : 1850449.3/33

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: 2.531 $\pm$ 45.178 χ^2 /NDF: 16.6/17

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

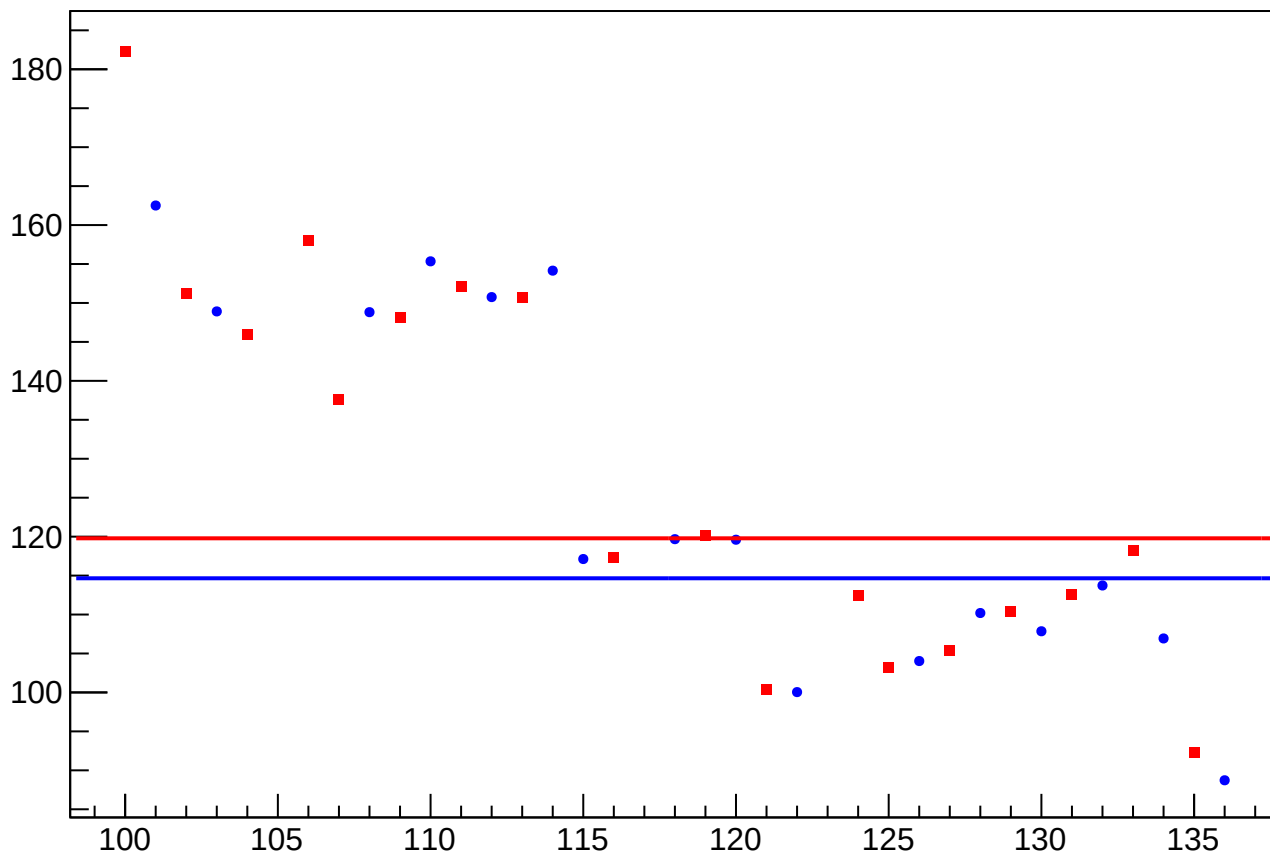
Right: 53.762 $\pm$ 31.339 χ^2 /NDF: 30.0/33

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: 53.762 $\pm$ 31.339 χ^2 /NDF: 30.0/33

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: 119.786+/-0.032 χ^2/NDF : 435933.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

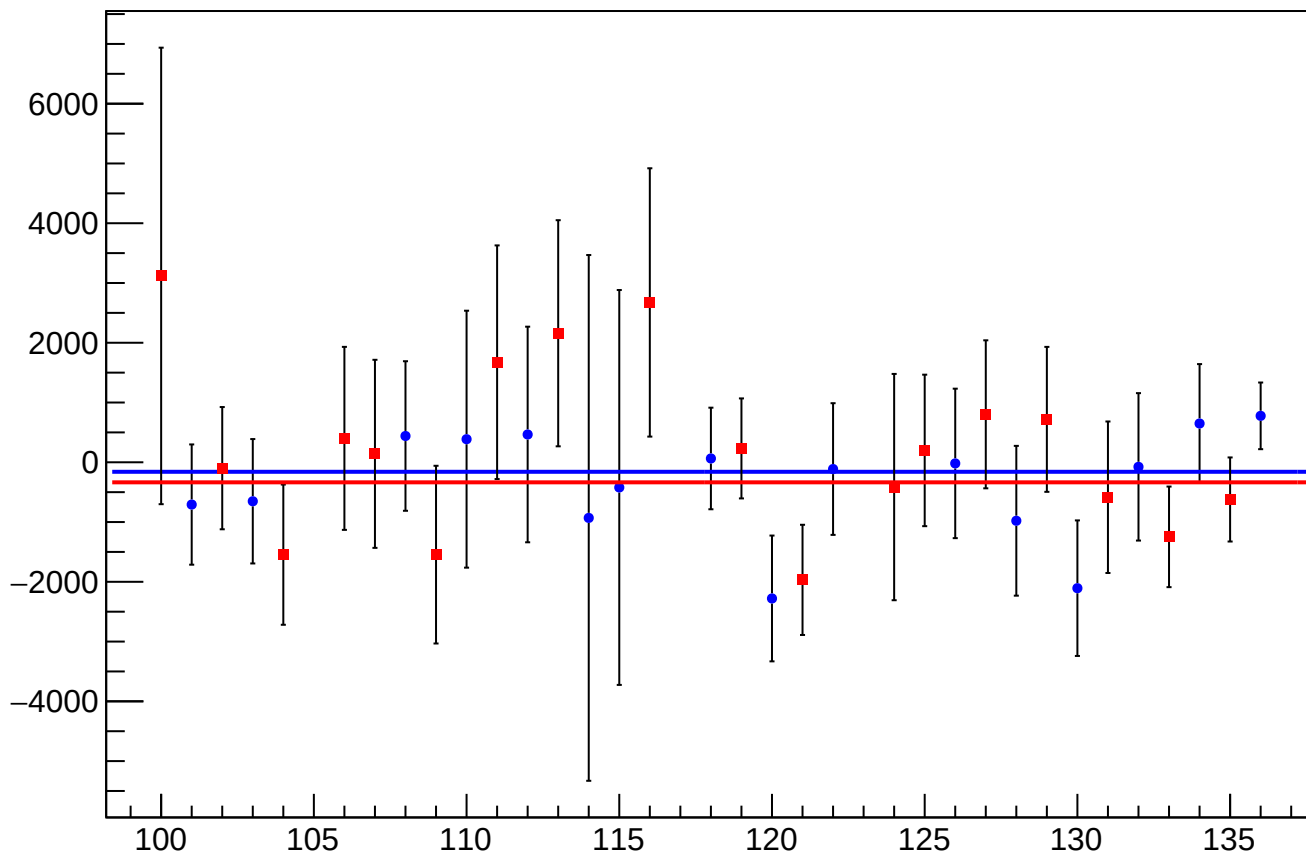
Right: 117.124+/-0.022 χ^2/NDF : 981283.3/33

In: 114.655+/-0.031 χ^2/NDF :531962.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 117.124+/-0.022 χ^2/NDF : 981283.3/33

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -159.112 ± 274.558 χ^2/NDF : 12.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -335.582 ± 280.968 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

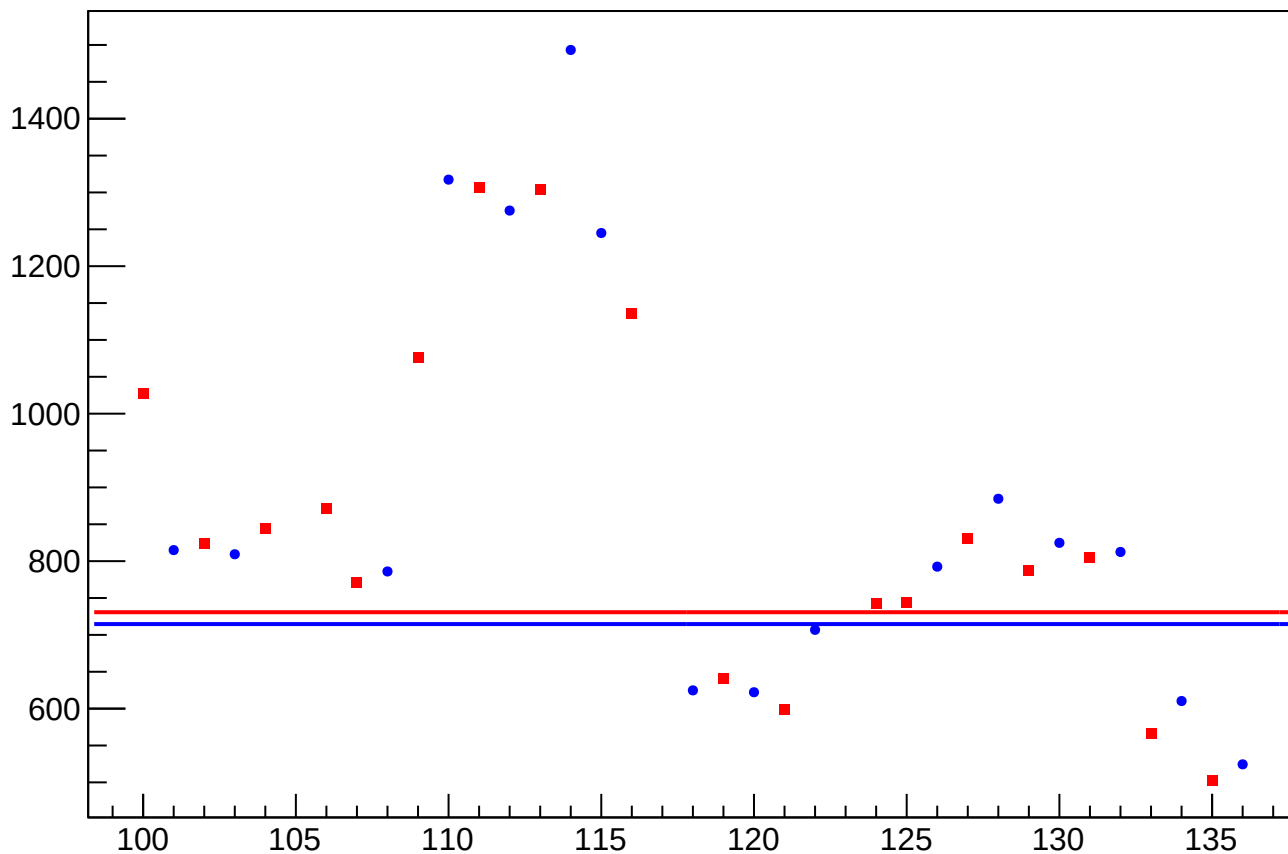
Right: -245.311 ± 196.369 χ^2/NDF : 26.4/33

In: -159.112 ± 274.558 χ^2/NDF : 12.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -245.311 ± 196.369 χ^2/NDF : 26.4/33

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: 730.744+/-0.199 χ^2/NDF : 970875.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

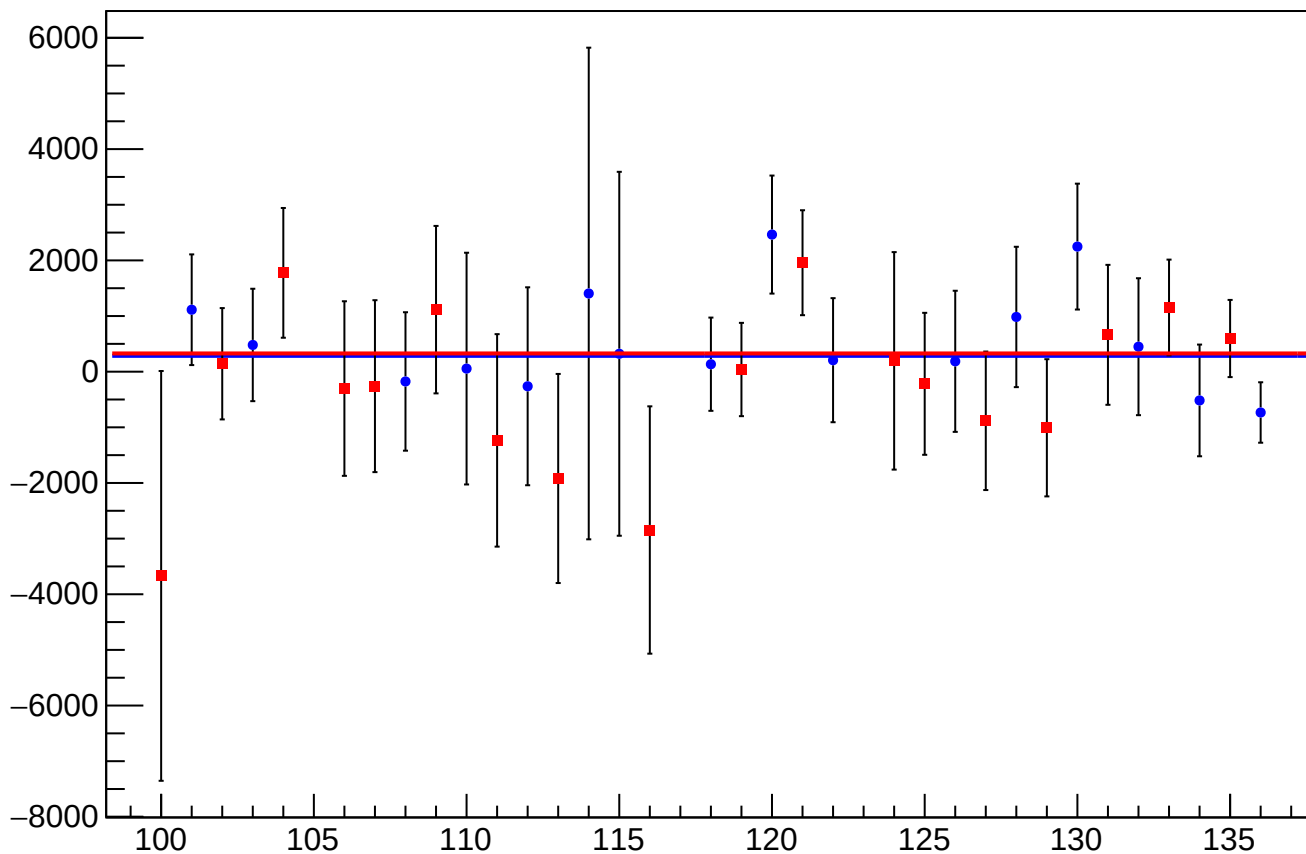
Right: 722.520+/-0.139 χ^2/NDF : 1850437.2/33

In: 714.666+/-0.194 χ^2/NDF : 876211.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 722.520+/-0.139 χ^2/NDF : 1850437.2/33

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: 327.773 $\pm$ 281.428 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

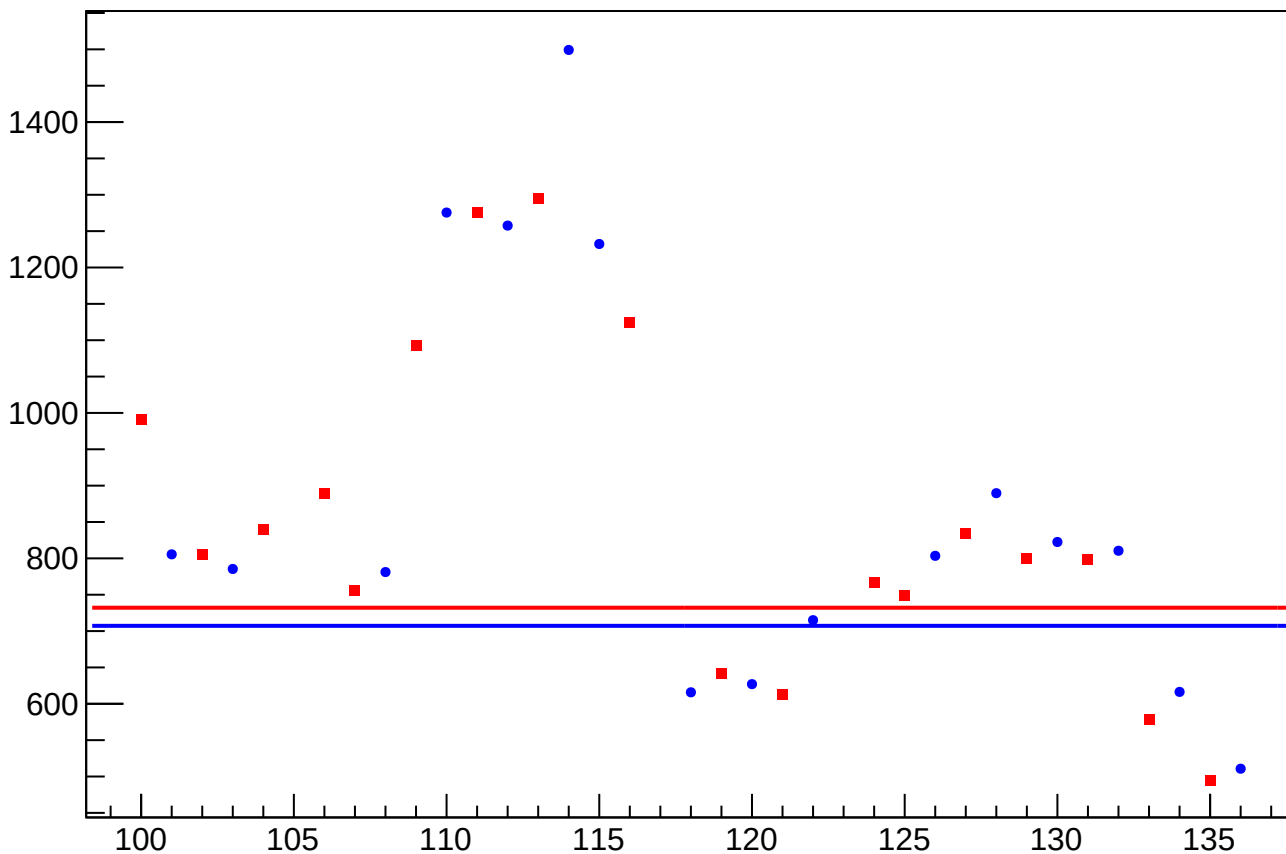
Right: 305.540 $\pm$ 195.560 χ^2 /NDF: 26.8/33

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: 305.540 $\pm$ 195.560 χ^2 /NDF: 26.8/33

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: 732.138+/-0.199 χ^2/NDF : 955864.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

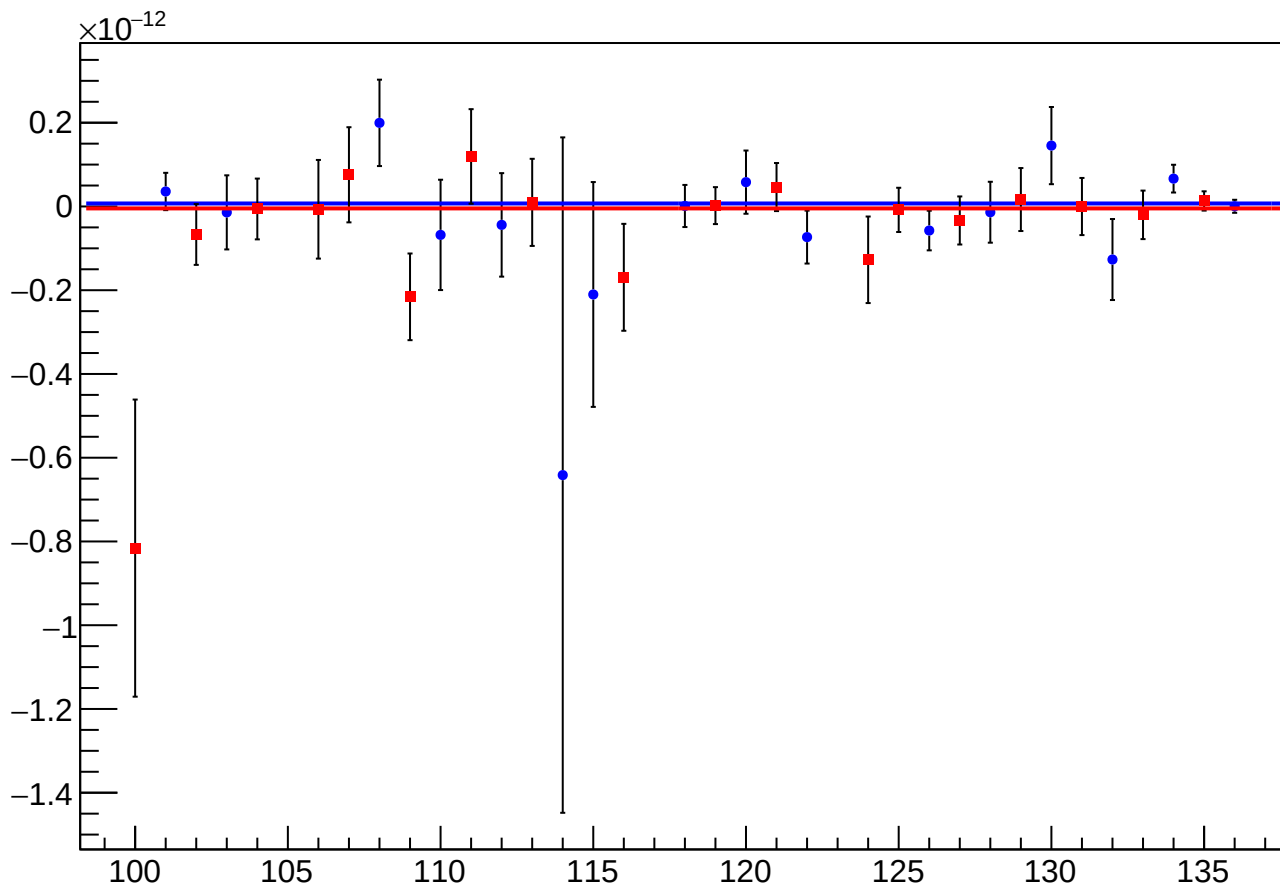
Right: 719.246+/-0.138 χ^2/NDF : 1860669.1/33

In: 707.209+/-0.192 χ^2/NDF : 896689.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.246+/-0.138 χ^2/NDF : 1860669.1/33

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 : 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

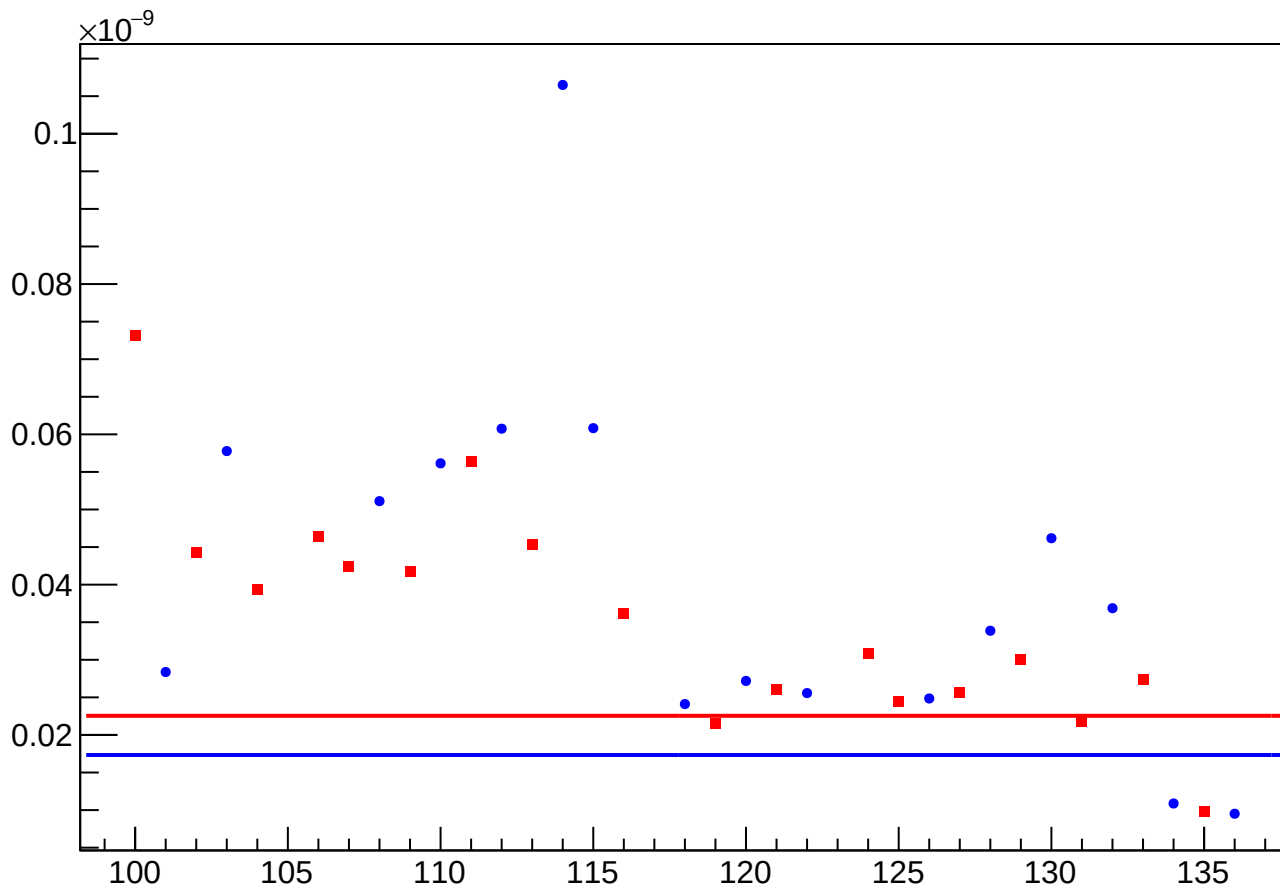
Right: 0.000+/-0.000 χ^2/NDF : 34.5/33

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 : 34.5/33

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 : 1507033.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

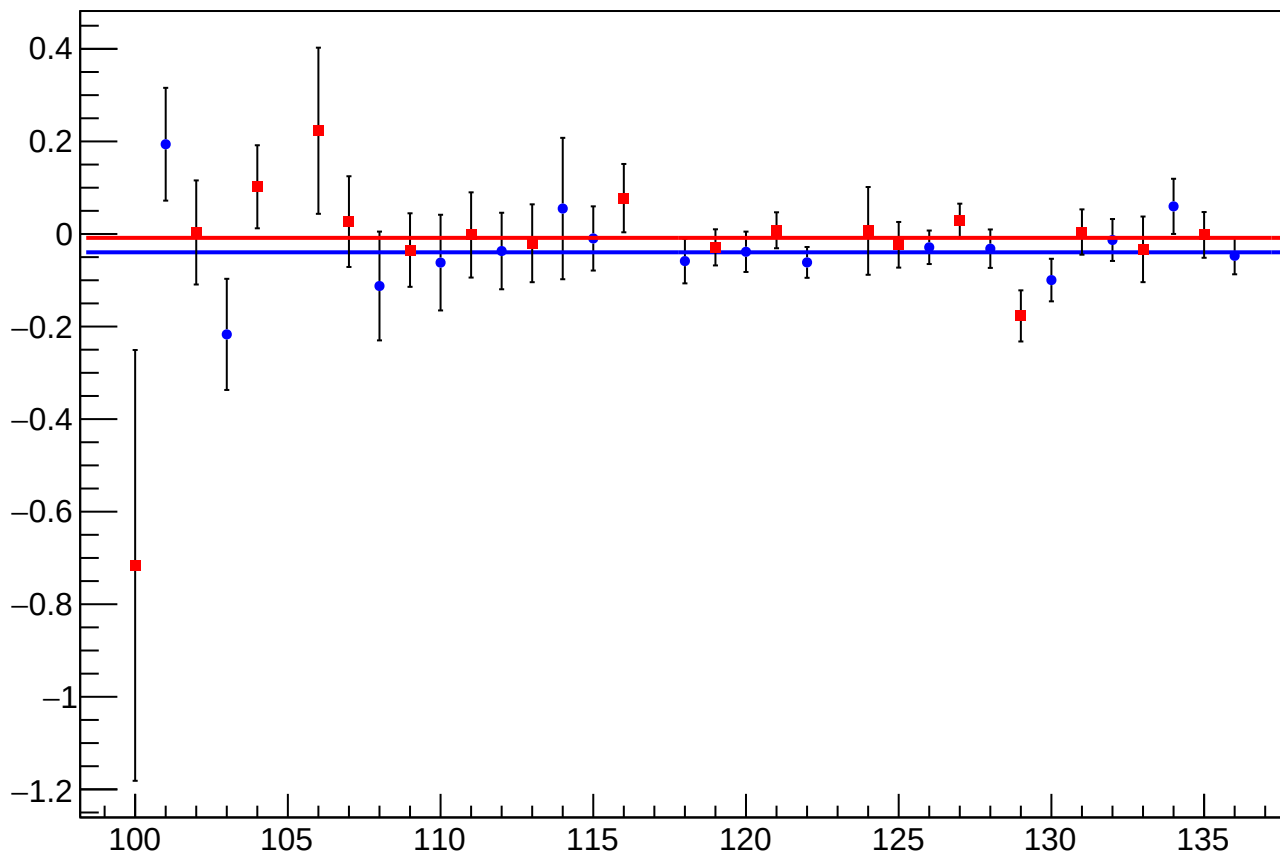
Right: 0.000+/-0.000 χ^2/NDF : 4040081.6/33

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 : 4040081.6/33

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: -0.008+/-0.014 χ^2/NDF : 18.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

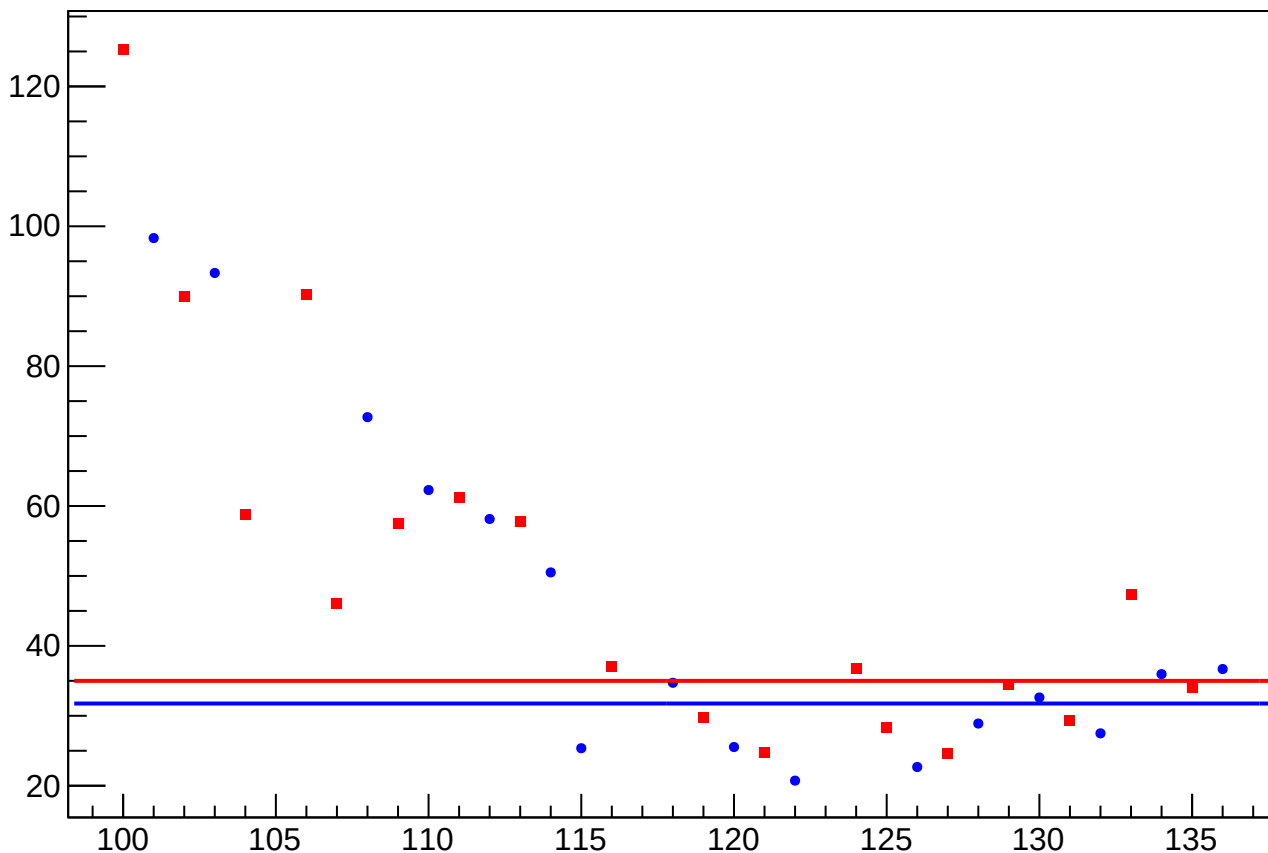
Right: -0.025+/-0.010 χ^2/NDF : 33.2/33

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 : 33.2/33

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: 34.996+/-0.010 χ^2/NDF : 1836383.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

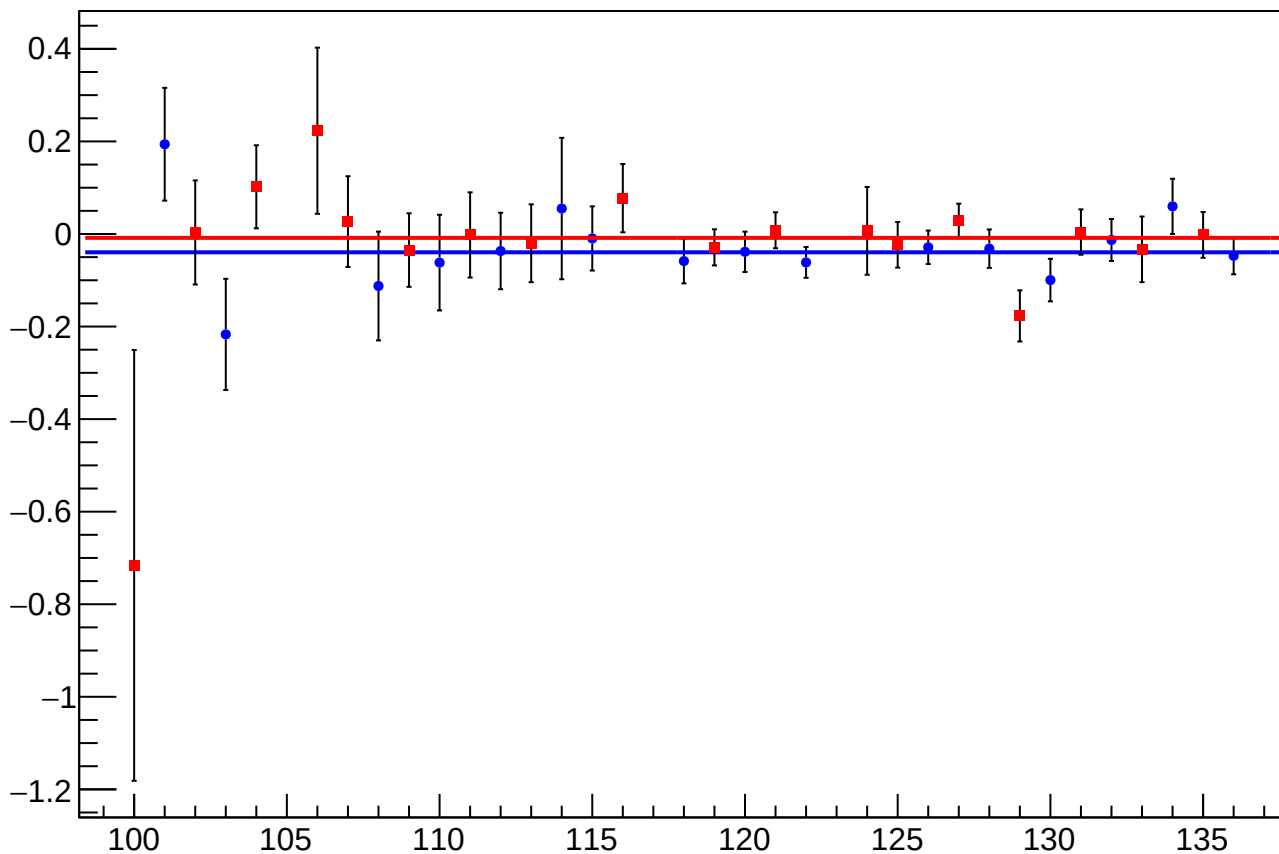
Right: 33.237+/-0.007 χ^2/NDF : 4144210.7/33

In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.237+/-0.007 χ^2/NDF : 4144210.7/33

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: -0.008 ± 0.014 χ^2/NDF : 18.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

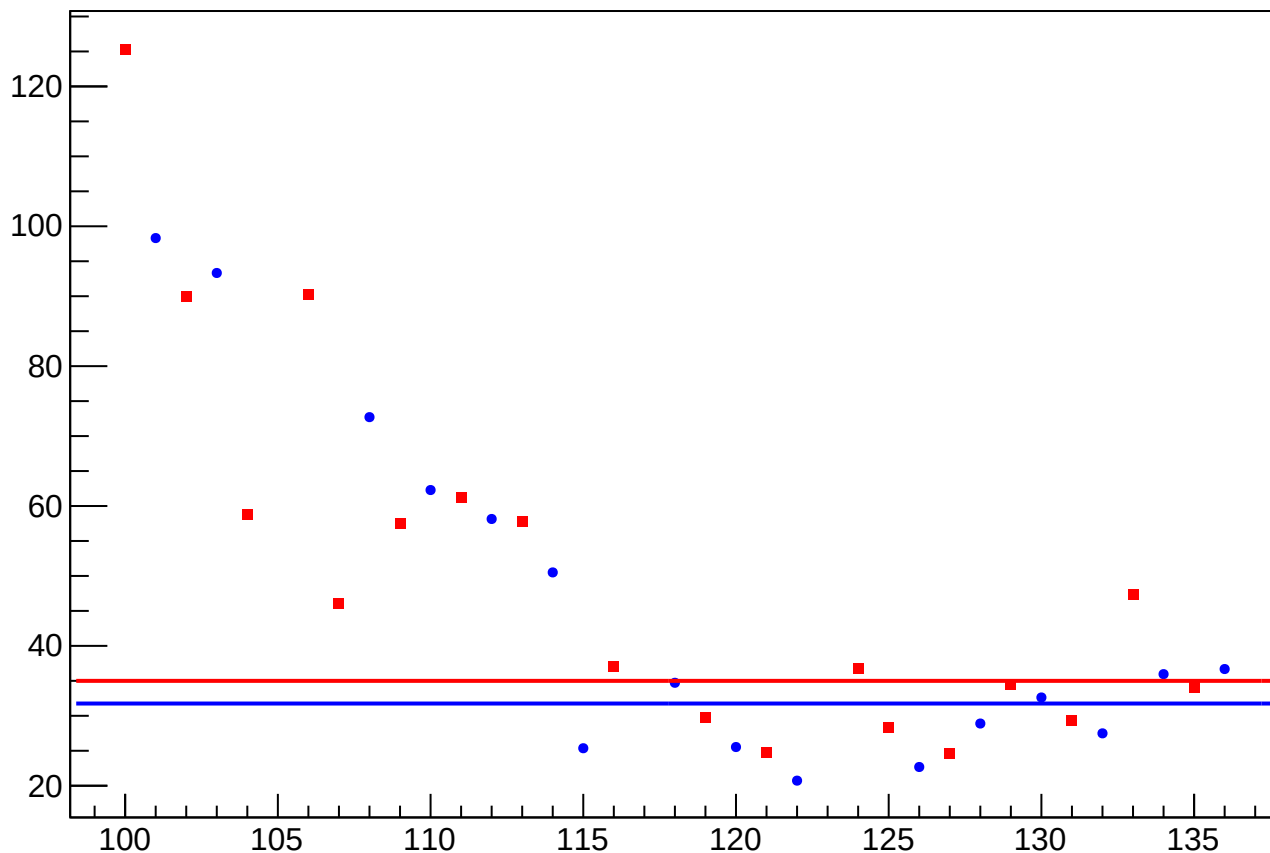
Right: -0.025 ± 0.010 χ^2/NDF : 33.2/33

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 : 33.2/33

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: 34.996+/-0.010 χ^2/NDF : 1836383.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

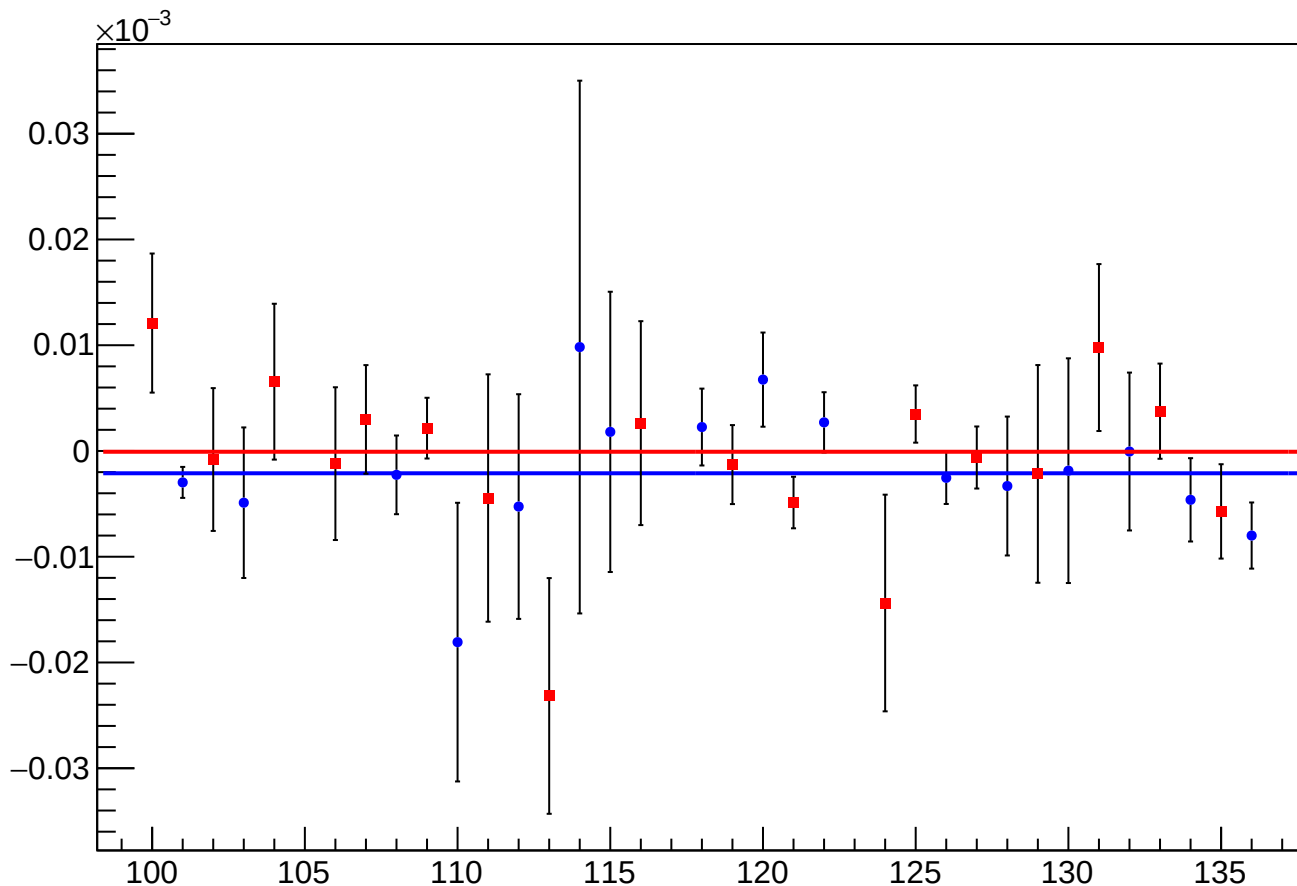
Right: 33.237+/-0.007 χ^2/NDF : 4144210.7/33

In: 31.755+/-0.009 χ^2/NDF : 2252399.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.237+/-0.007 χ^2/NDF : 4144210.7/33

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 : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

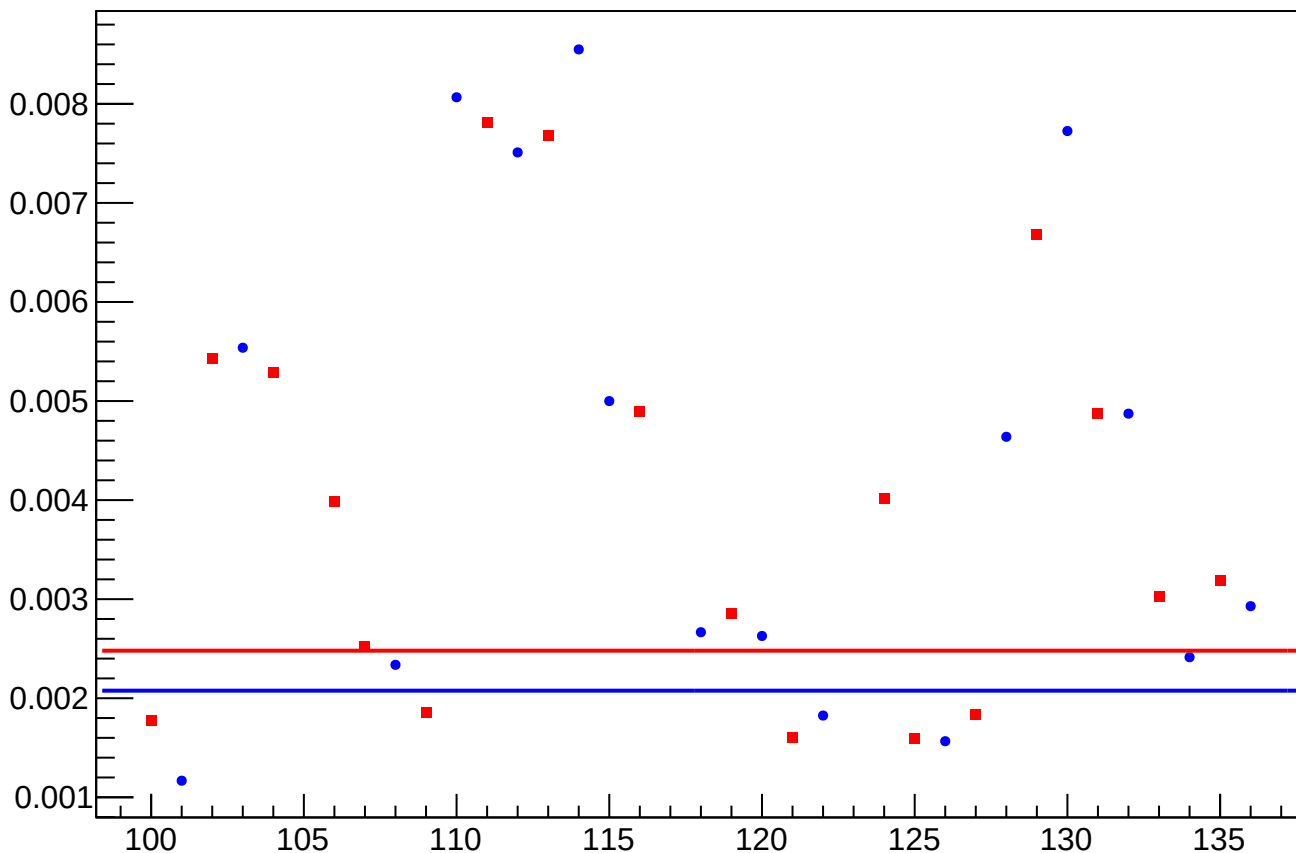
Right: -0.000+/-0.000 χ^2/NDF : 38.2/33

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 : 38.2/33

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 : 3087217.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

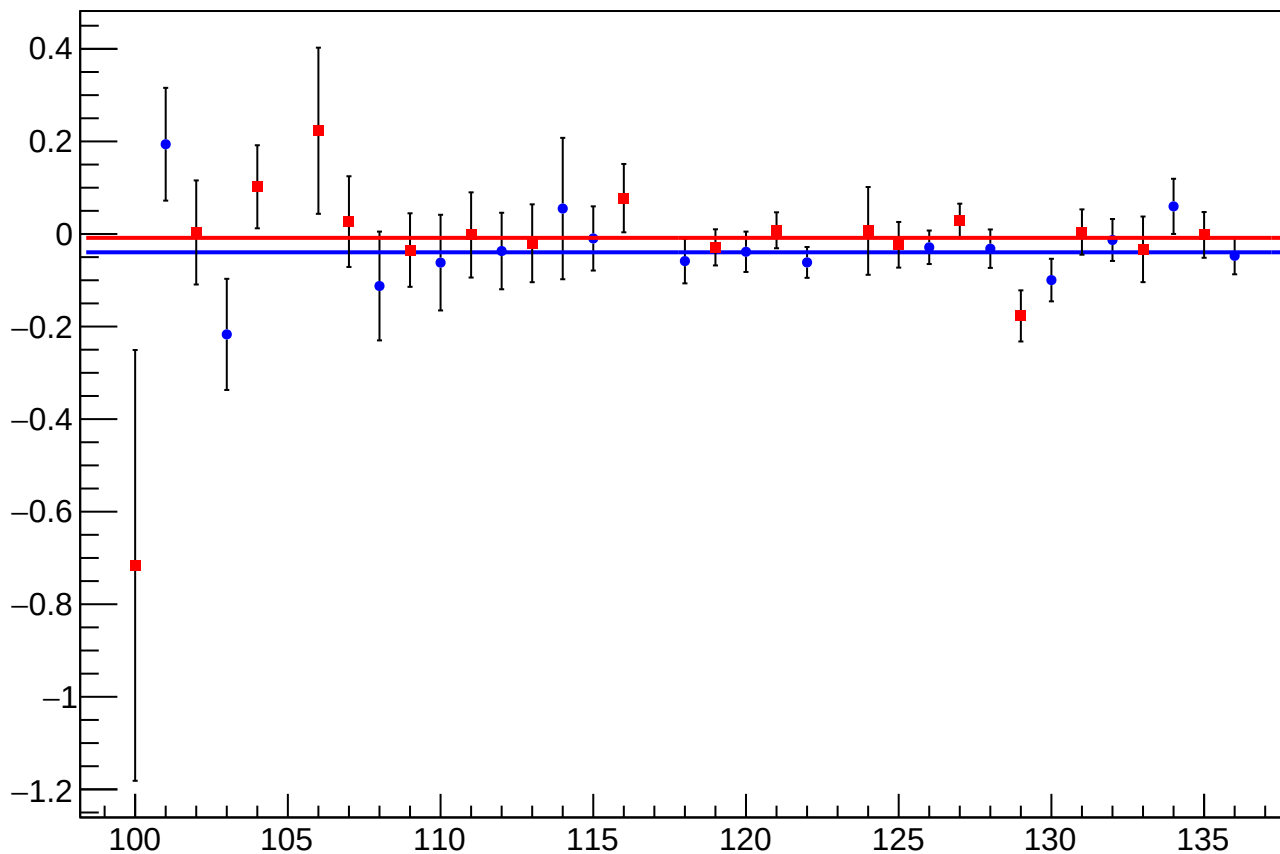
Right: 0.002+/-0.000 χ^2/NDF : 7171461.6/33

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 : 7171461.6/33

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: -0.008 ± 0.014 χ^2/NDF : 18.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

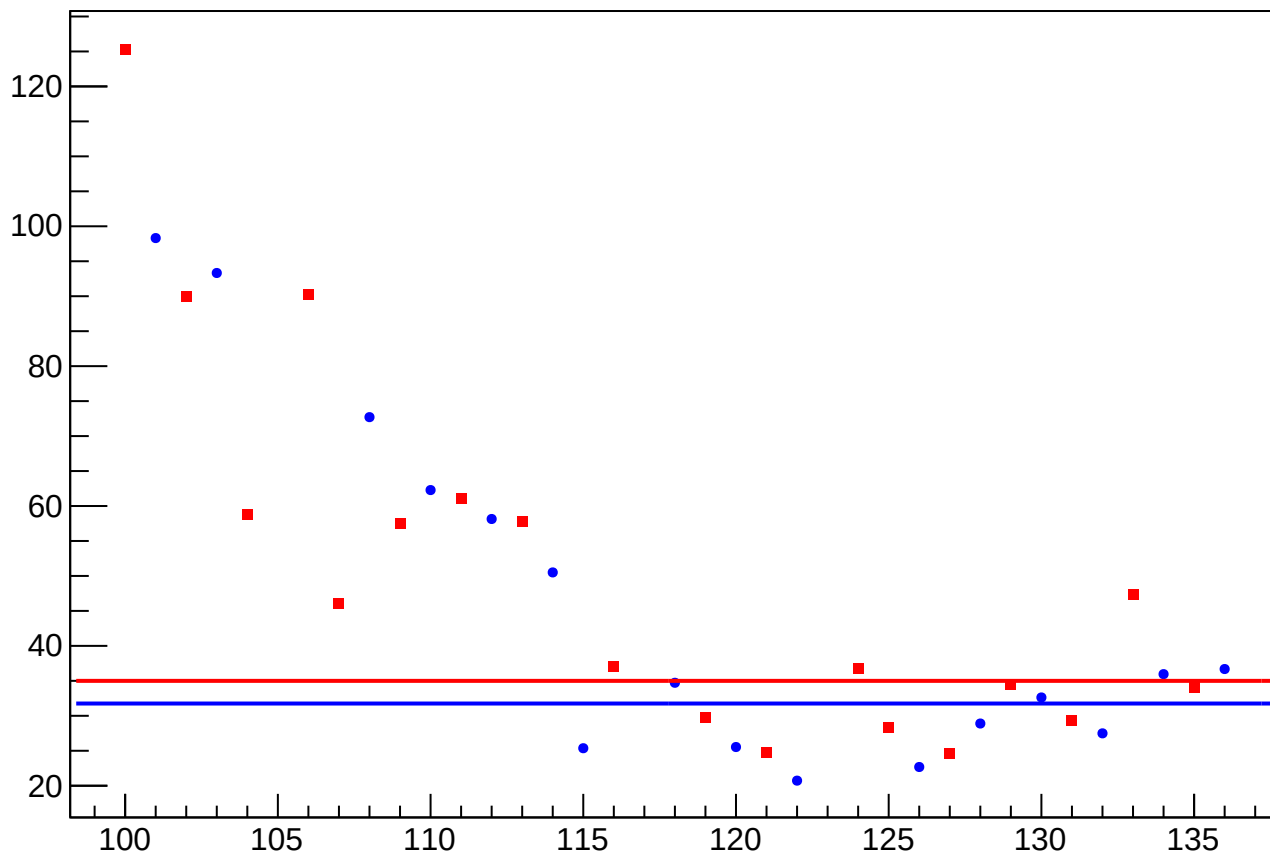
Right: -0.025 ± 0.010 χ^2/NDF : 33.2/33

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 : 33.2/33

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: 34.996+/-0.010 χ^2/NDF : 1836277.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

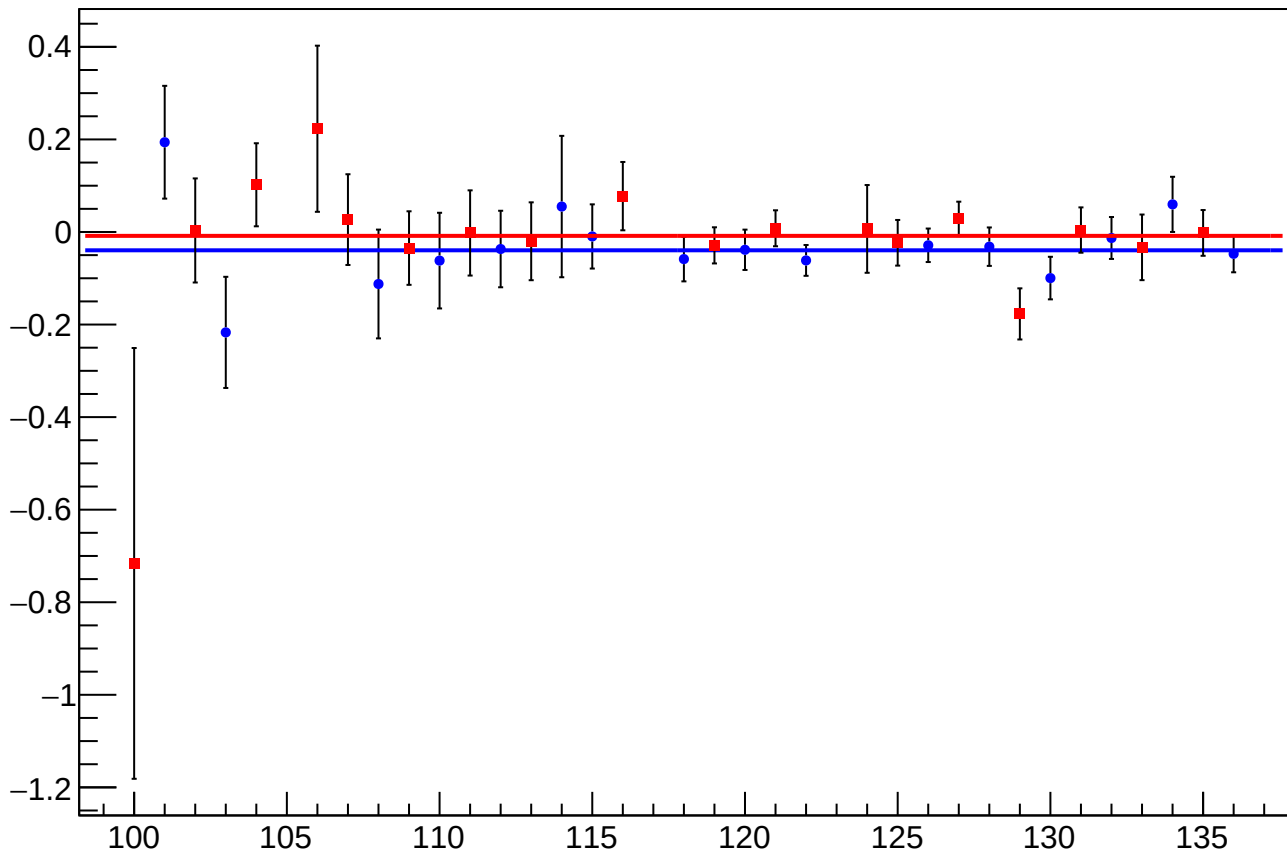
Right: 33.237+/-0.007 χ^2/NDF : 4144081.4/33

In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.237+/-0.007 χ^2/NDF : 4144081.4/33

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: -0.008+/-0.014 χ^2 /NDF: 18.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

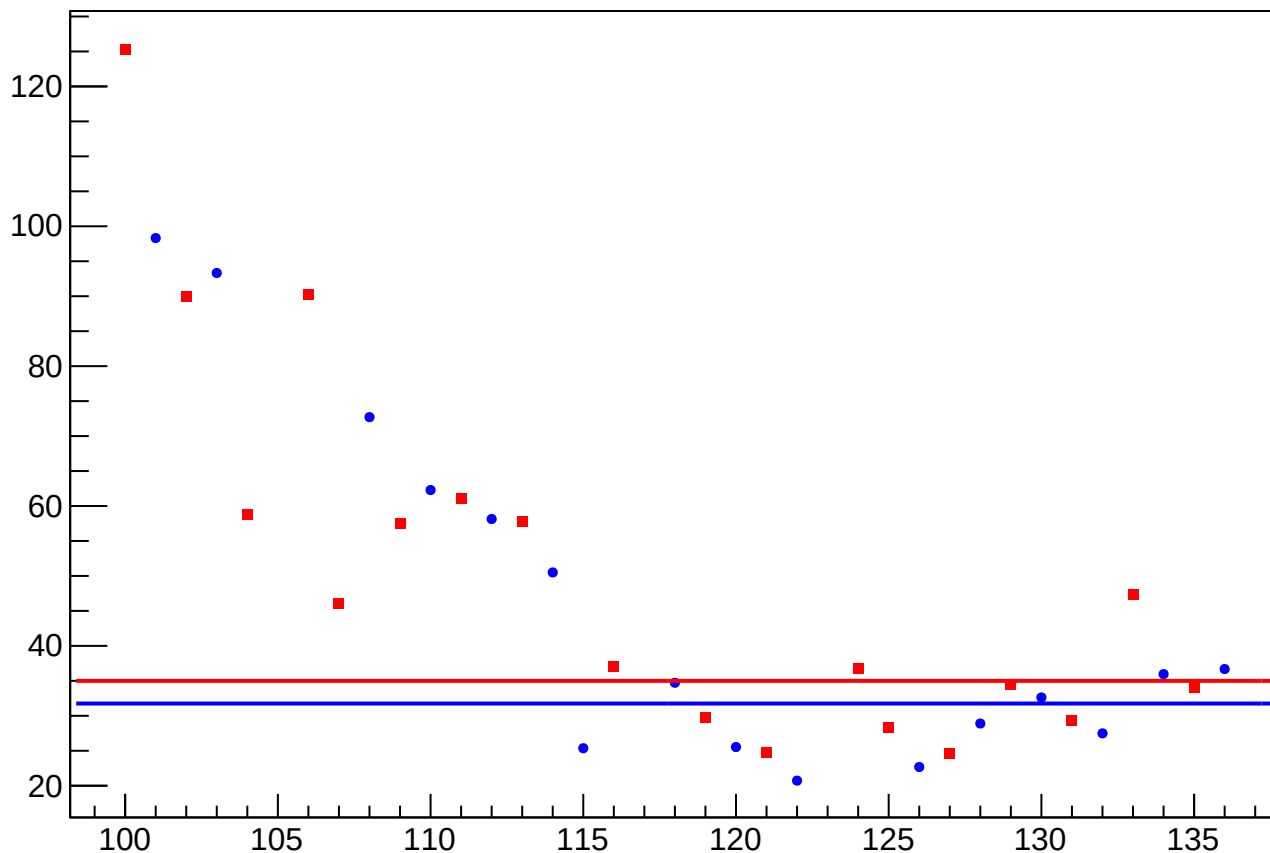
Right: -0.025+/-0.010 χ^2 /NDF: 33.2/33

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: 33.2/33

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: 34.996+/-0.010 χ^2/NDF : 1836277.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

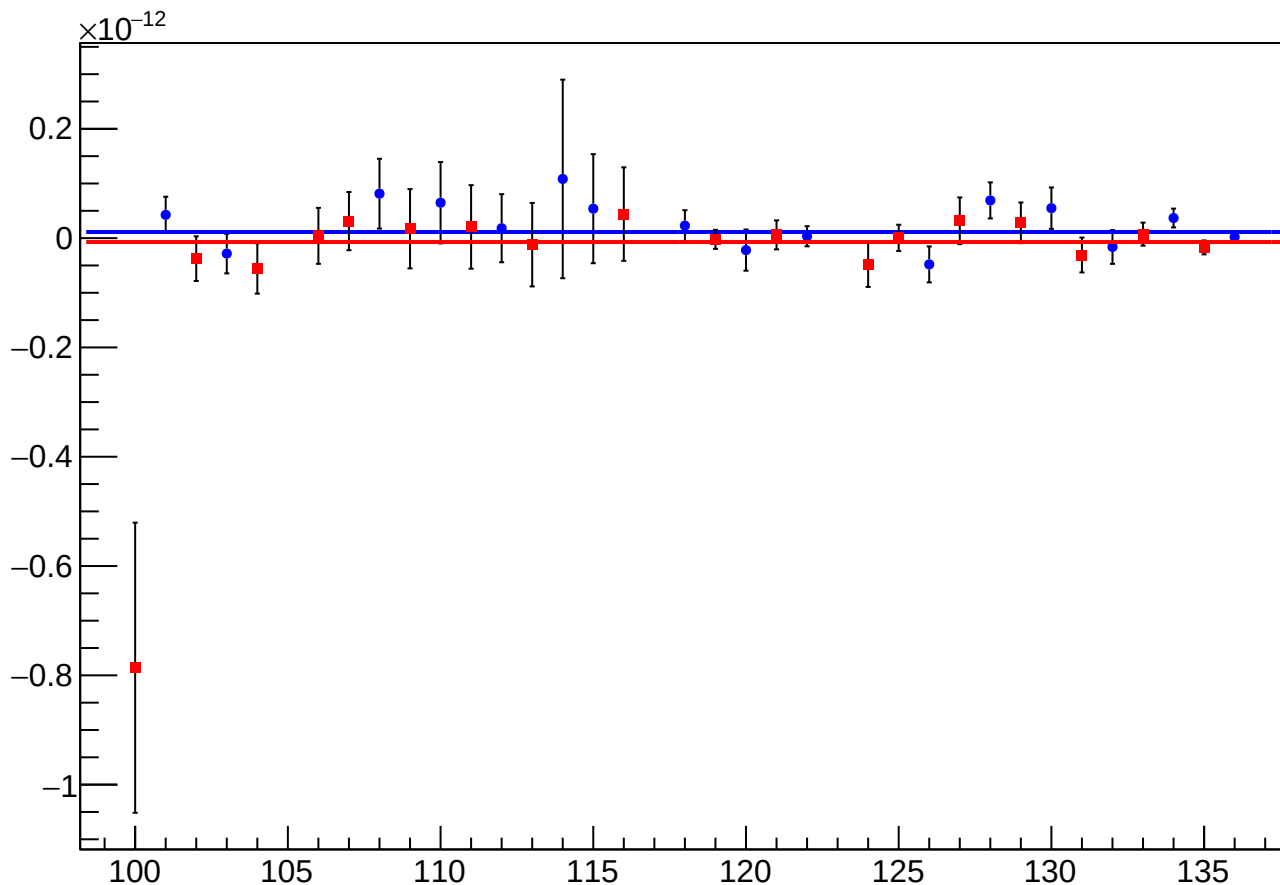
Right: 33.237+/-0.007 χ^2/NDF : 4144081.4/33

In: 31.756+/-0.009 χ^2/NDF : 2252373.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.237+/-0.007 χ^2/NDF : 4144081.4/33

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 : 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

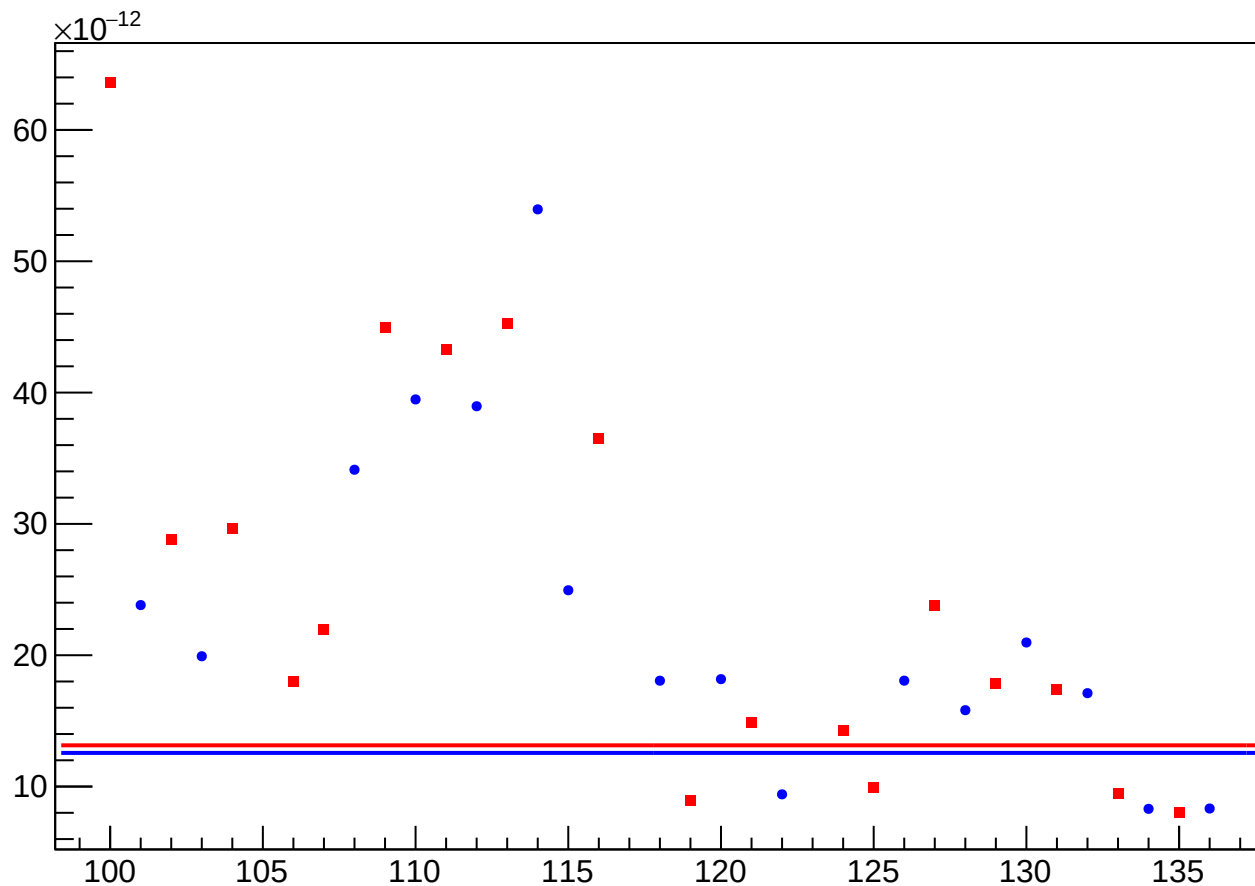
Right: 0.000+/-0.000 χ^2/NDF : 36.8/33

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 : 36.8/33

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 : 2633039.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

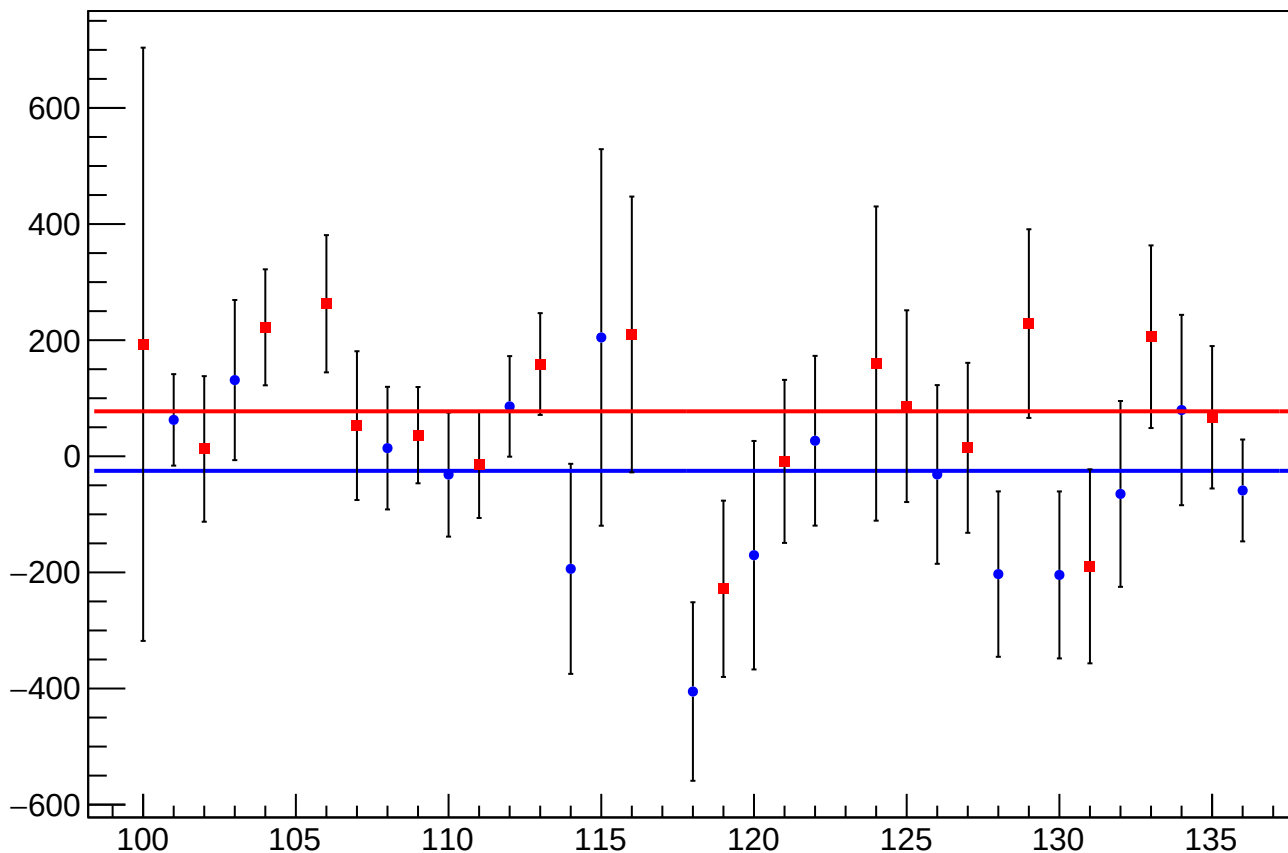
Right: 0.000+/-0.000 χ^2/NDF : 4804936.4/33

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 : 4804936.4/33

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: 77.470 ± 30.356 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

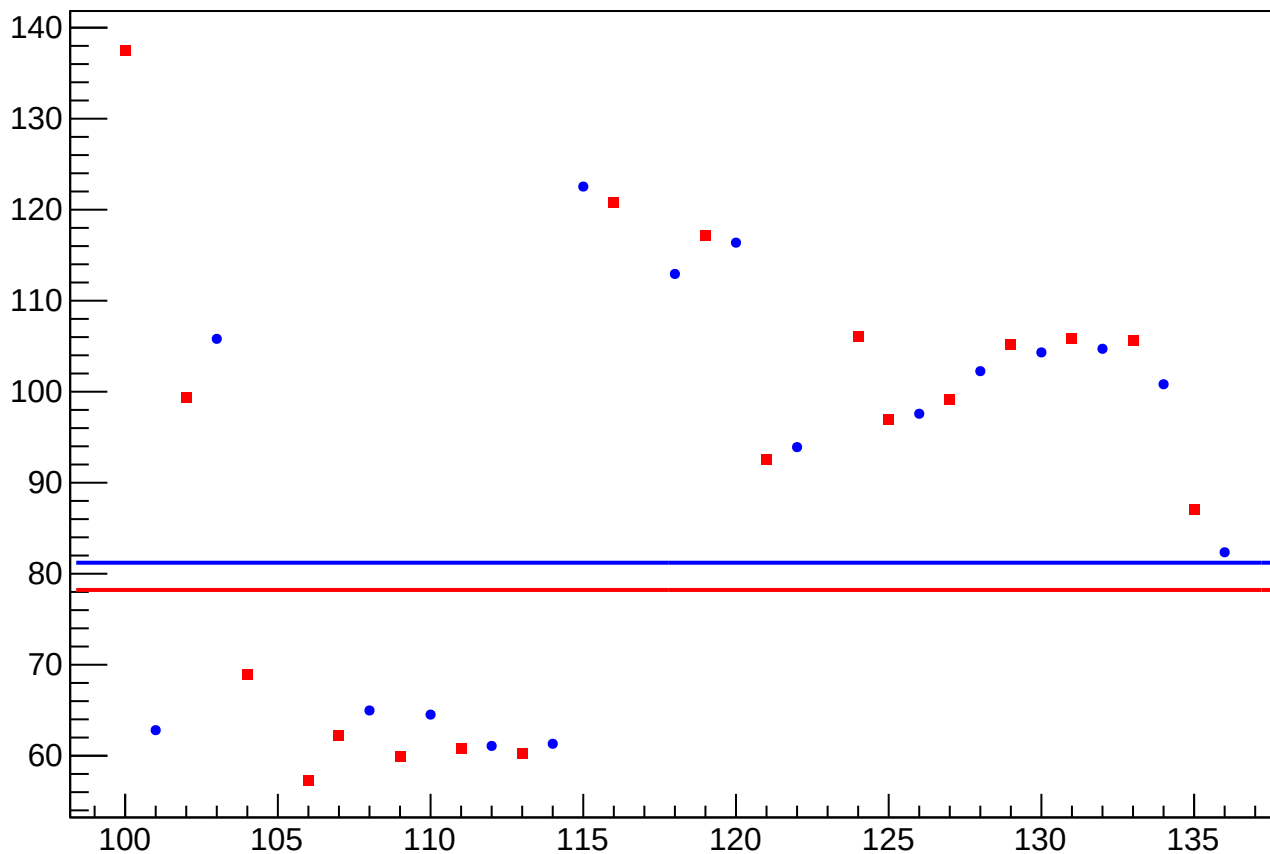
Right: 27.654 ± 21.767 χ^2/NDF : 37.9/33

In: -25.072 ± 31.230 χ^2/NDF : 16.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.654 ± 21.767 χ^2/NDF : 37.9/33

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: 78.217+/-0.021 χ^2/NDF : 934156.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

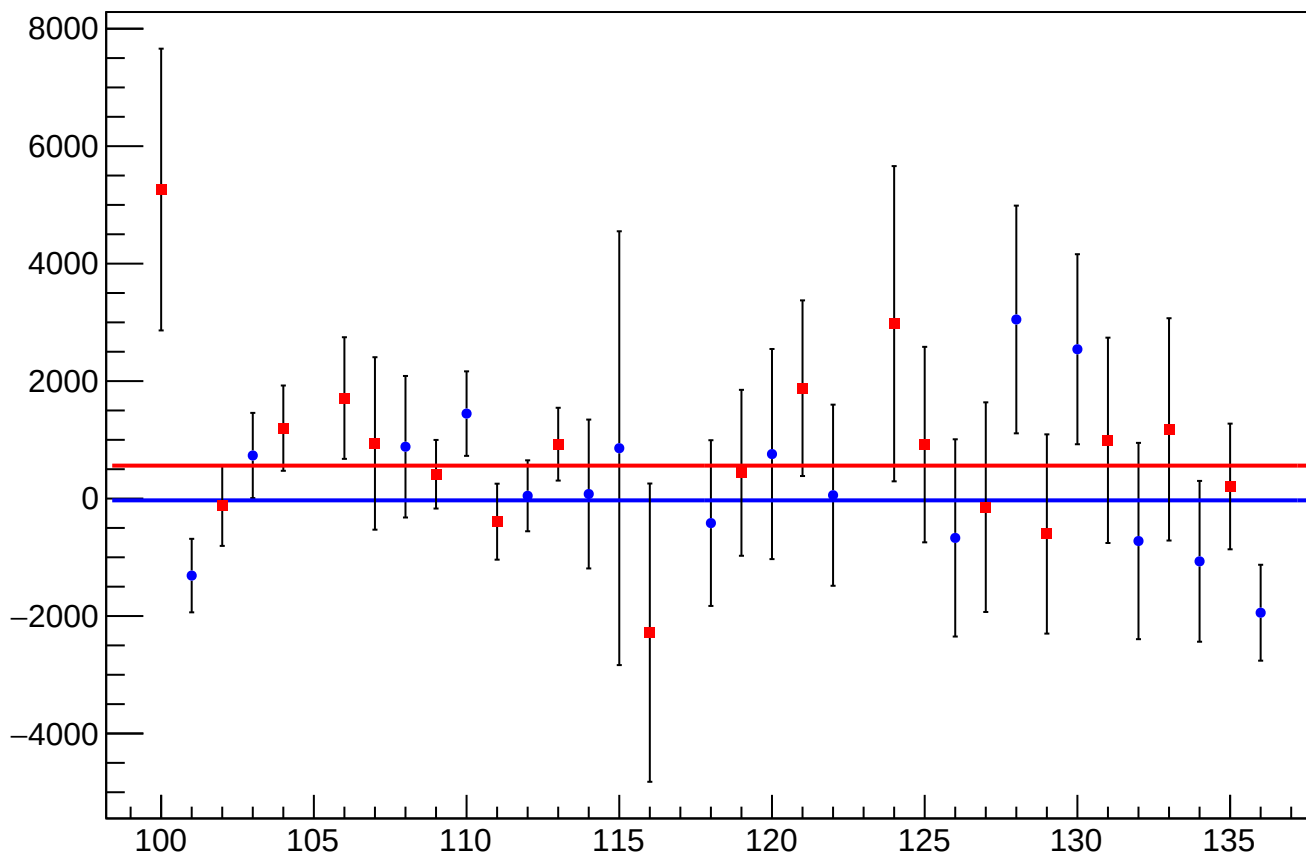
Right: 79.671+/-0.015 χ^2/NDF : 1731277.0/33

In: 81.210+/-0.022 χ^2/NDF : 787676.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.671+/-0.015 χ^2/NDF : 1731277.0/33

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: 561.053 ± 240.721 χ^2/NDF : 13.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

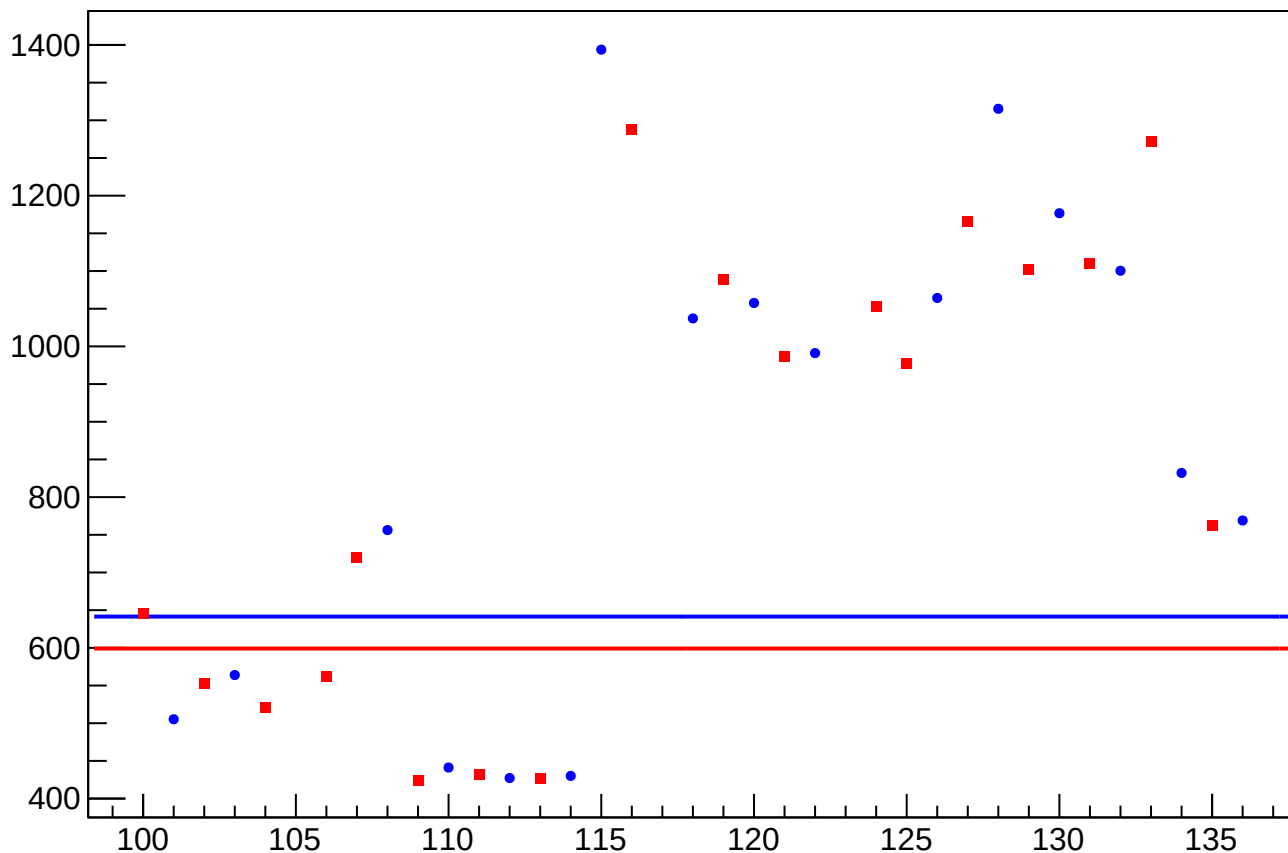
Right: 284.646 ± 175.689 χ^2/NDF : 38.0/33

In: -30.407 ± 256.999 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 284.646 ± 175.689 χ^2/NDF : 38.0/33

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: 599.137+/-0.170 χ^2/NDF : 2047152.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

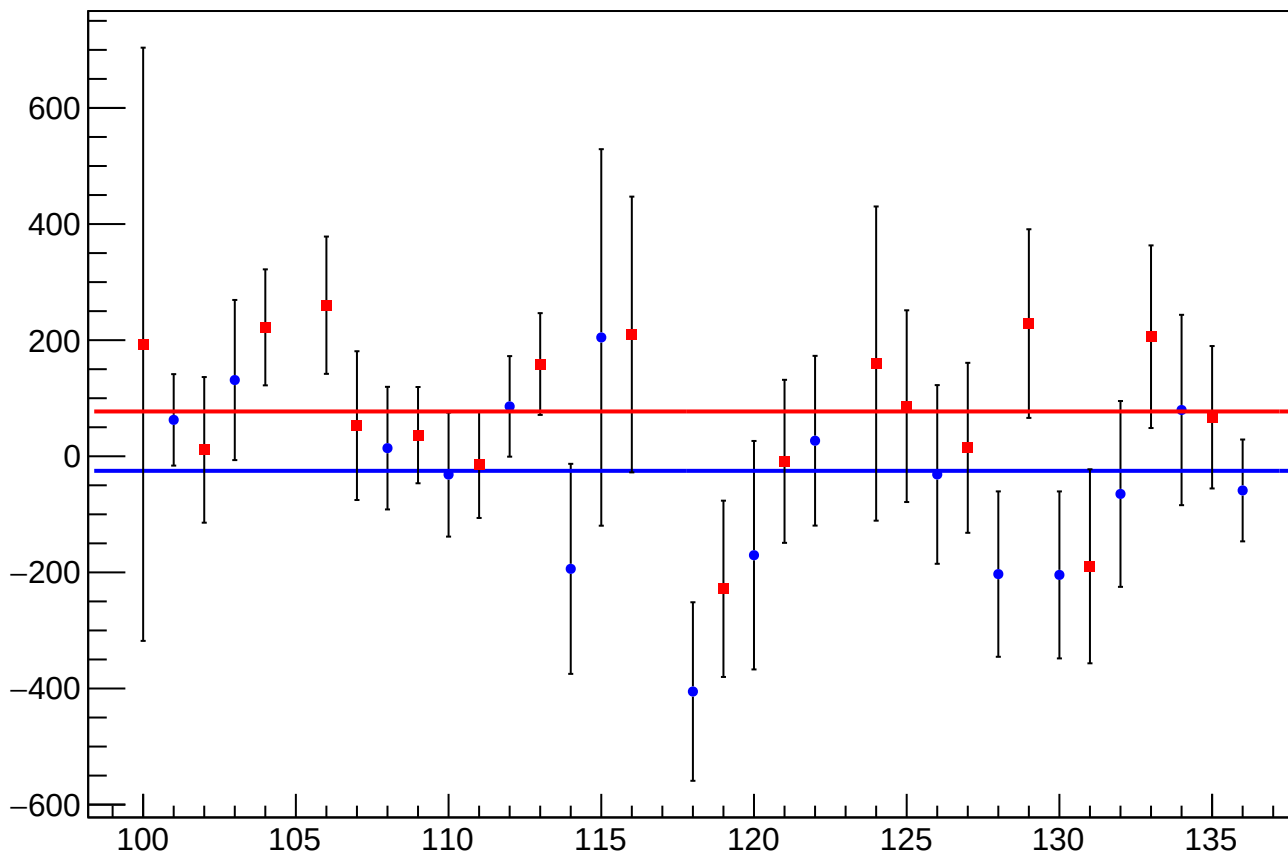
Right: 618.934+/-0.124 χ^2/NDF : 3951088.3/33

In: 641.499+/-0.182 χ^2/NDF : 1874990.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.934+/-0.124 χ^2/NDF : 3951088.3/33

cor_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -25.075 ± 31.230 $\chi^2/\text{NDF}: 16.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 77.198 ± 30.358 $\chi^2/\text{NDF}: 16.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

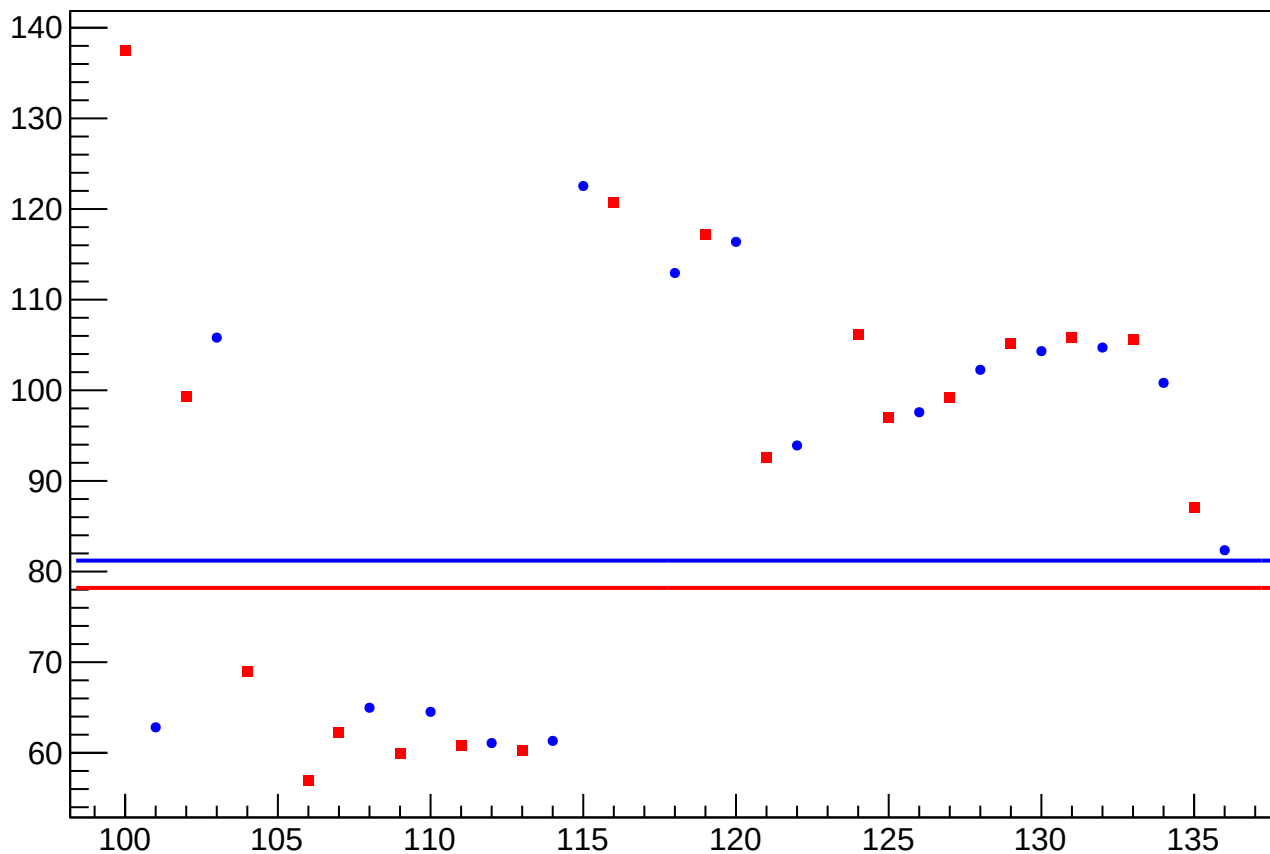
Right: 27.510 ± 21.768 $\chi^2/\text{NDF}: 37.8/33$

In: -25.075 ± 31.230 $\chi^2/\text{NDF}: 16.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 27.510 ± 21.768 $\chi^2/\text{NDF}: 37.8/33$

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: 78.198+/-0.021 χ^2/NDF : 936288.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

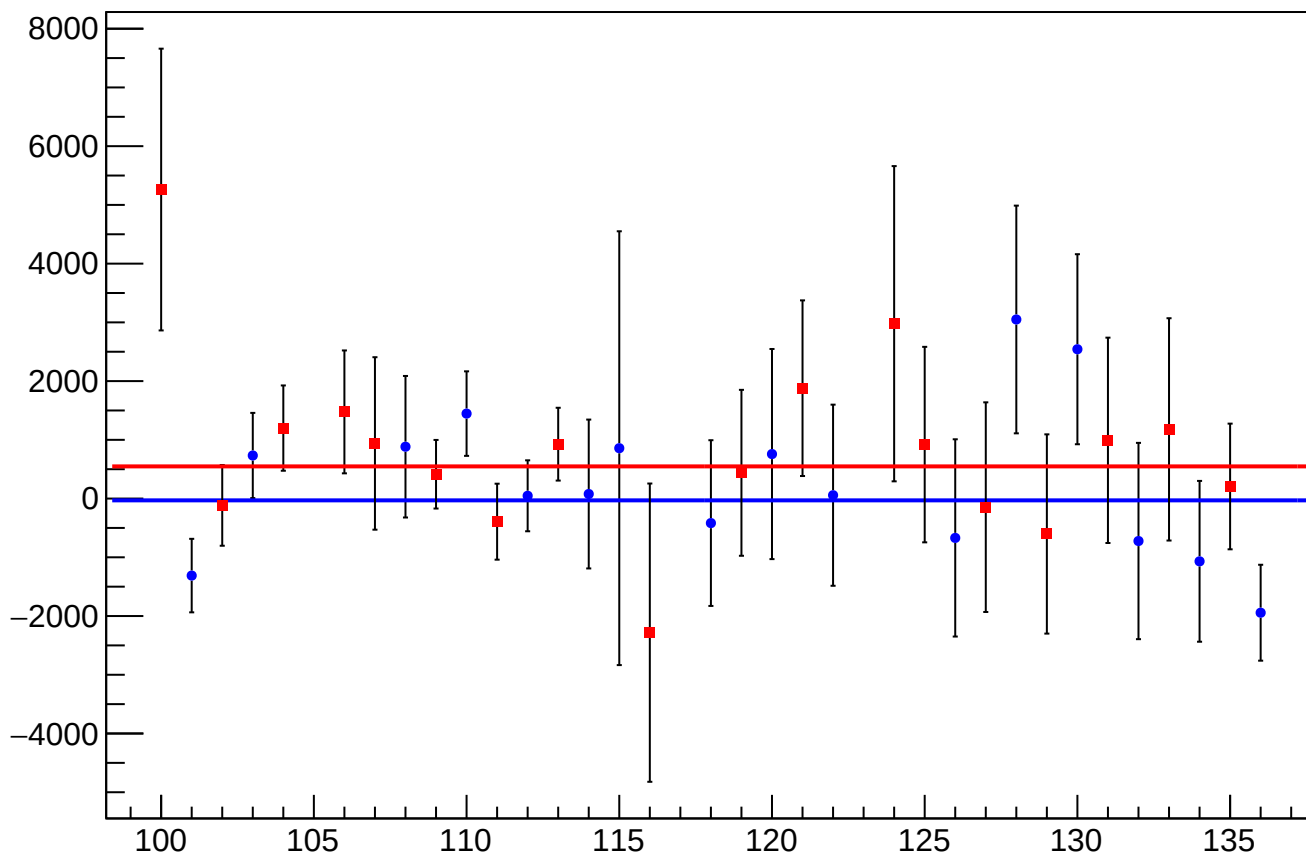
Right: 79.661+/-0.015 χ^2/NDF : 1733531.9/33

In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.661+/-0.015 χ^2/NDF : 1733531.9/33

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: 547.863 ± 240.874 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

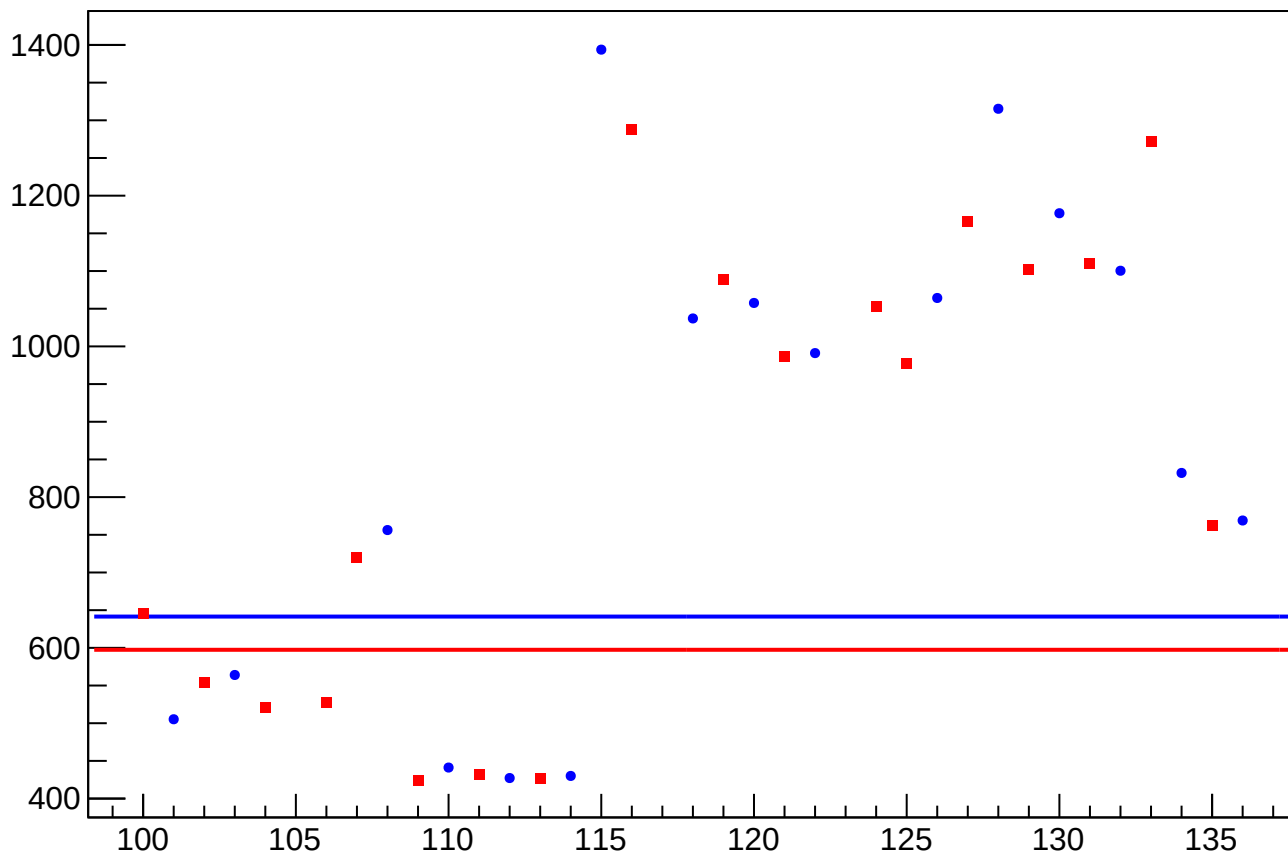
Right: 277.429 ± 175.749 χ^2/NDF : 37.4/33

In: -30.434 ± 257.002 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 277.429 ± 175.749 χ^2/NDF : 37.4/33

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: 597.422+/-0.170 χ^2/NDF : 2053659.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

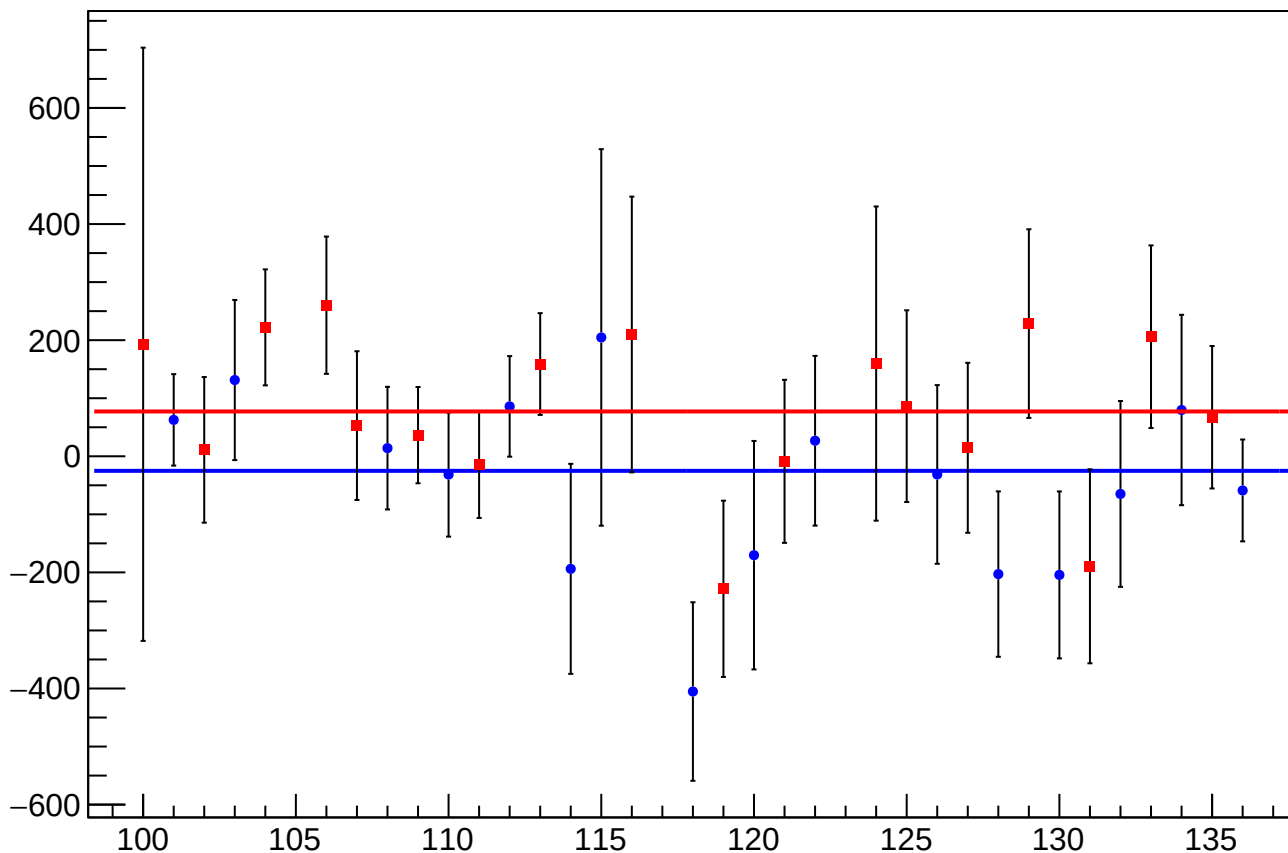
Right: 618.038+/-0.124 χ^2/NDF : 3959938.3/33

In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.038+/-0.124 χ^2/NDF : 3959938.3/33

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: 77.198+/-30.358 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

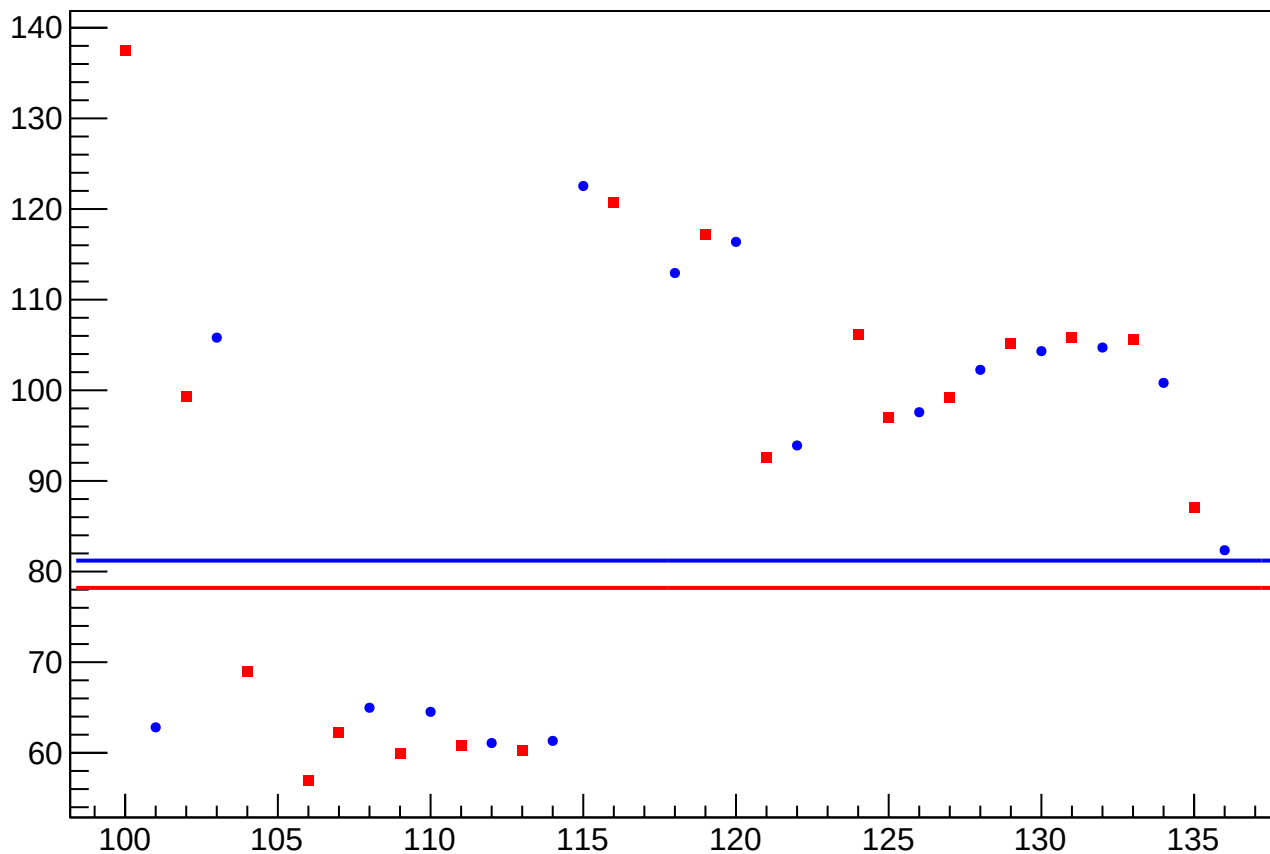
Right: 27.510+/-21.768 χ^2/NDF : 37.8/33

In: -25.075+/-31.230 χ^2/NDF : 16.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.510+/-21.768 χ^2/NDF : 37.8/33

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: 78.198+/-0.021 χ^2/NDF : 936288.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

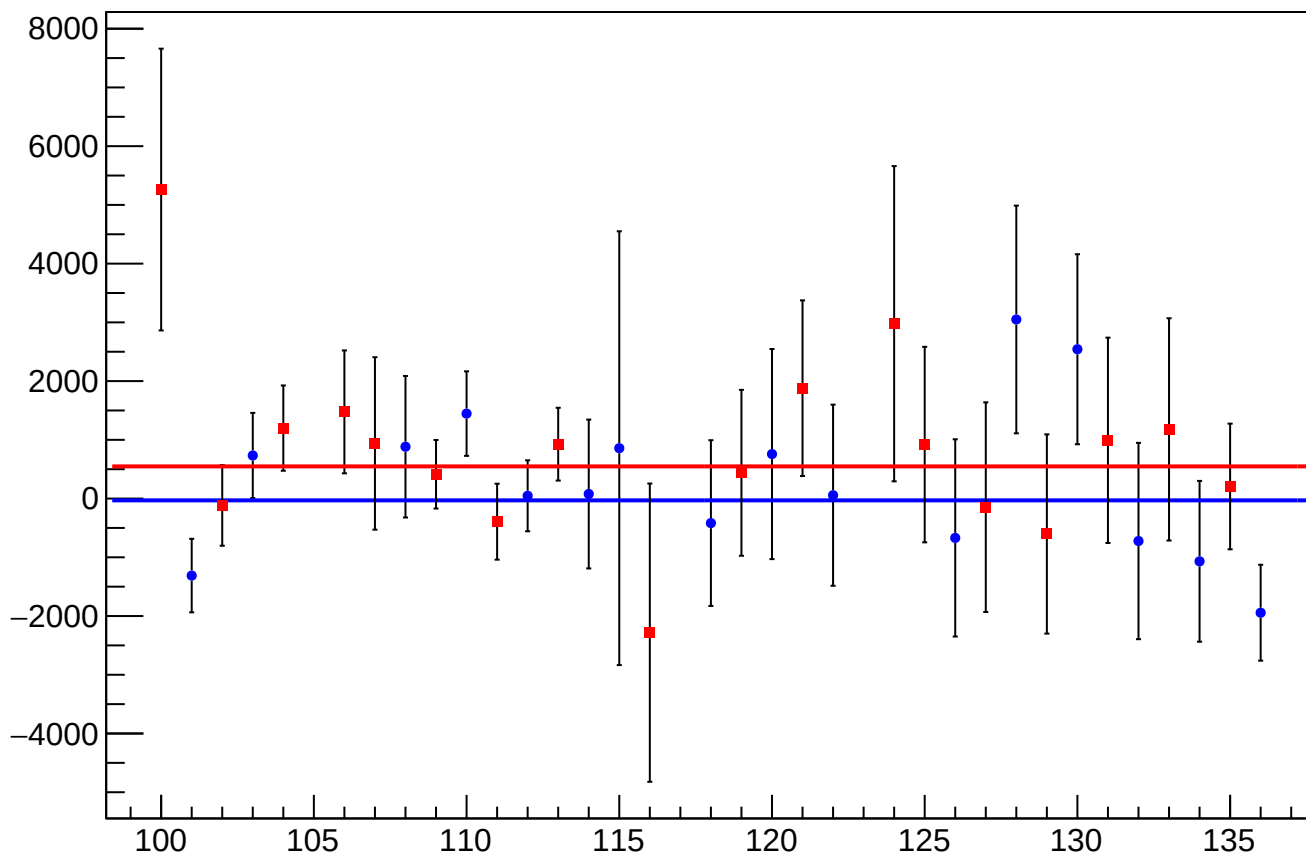
Right: 79.661+/-0.015 χ^2/NDF : 1733531.9/33

In: 81.210+/-0.022 χ^2/NDF : 787679.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.661+/-0.015 χ^2/NDF : 1733531.9/33

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: 547.863 ± 240.874 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

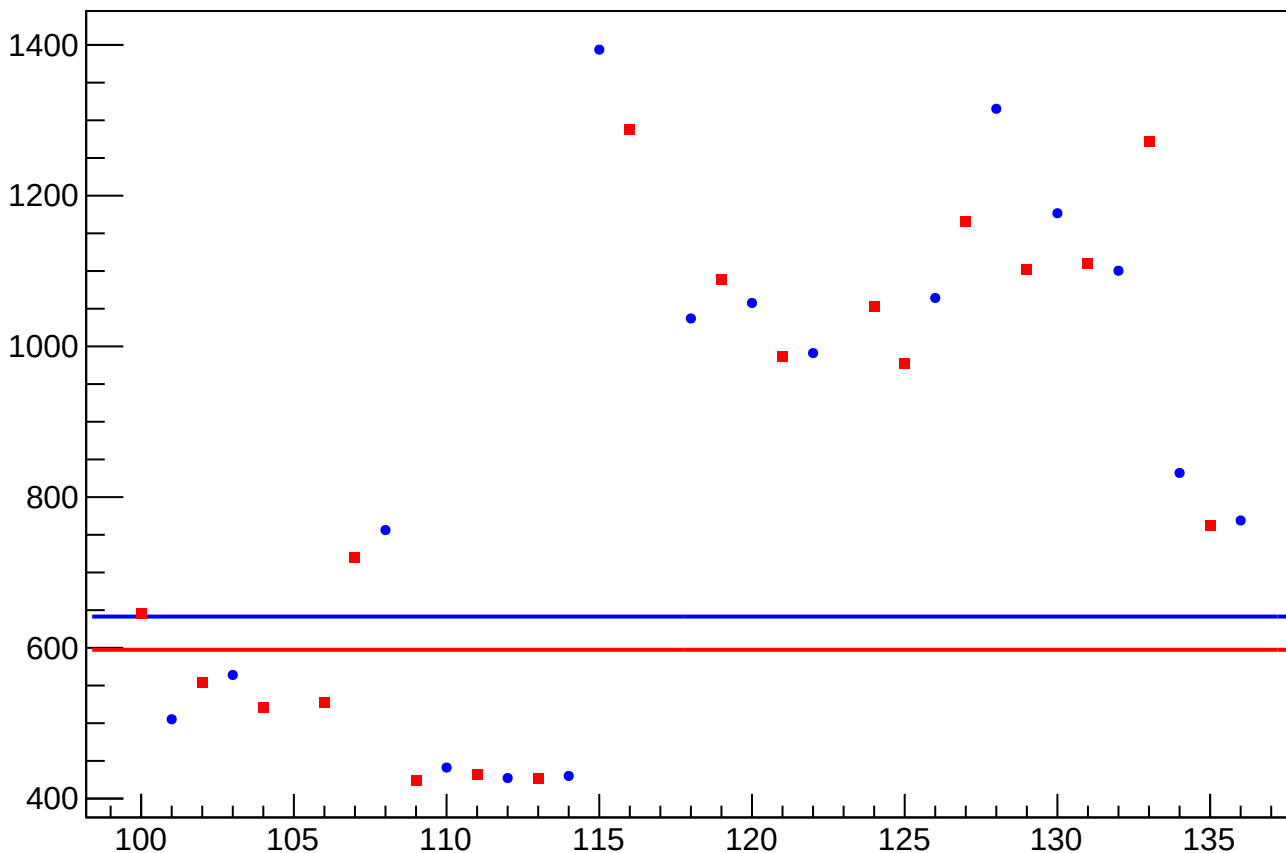
Right: 277.429 ± 175.749 χ^2/NDF : 37.4/33

In: -30.434 ± 257.002 χ^2/NDF : 21.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 277.429 ± 175.749 χ^2/NDF : 37.4/33

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: 597.422+/-0.170 χ^2/NDF : 2053659.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

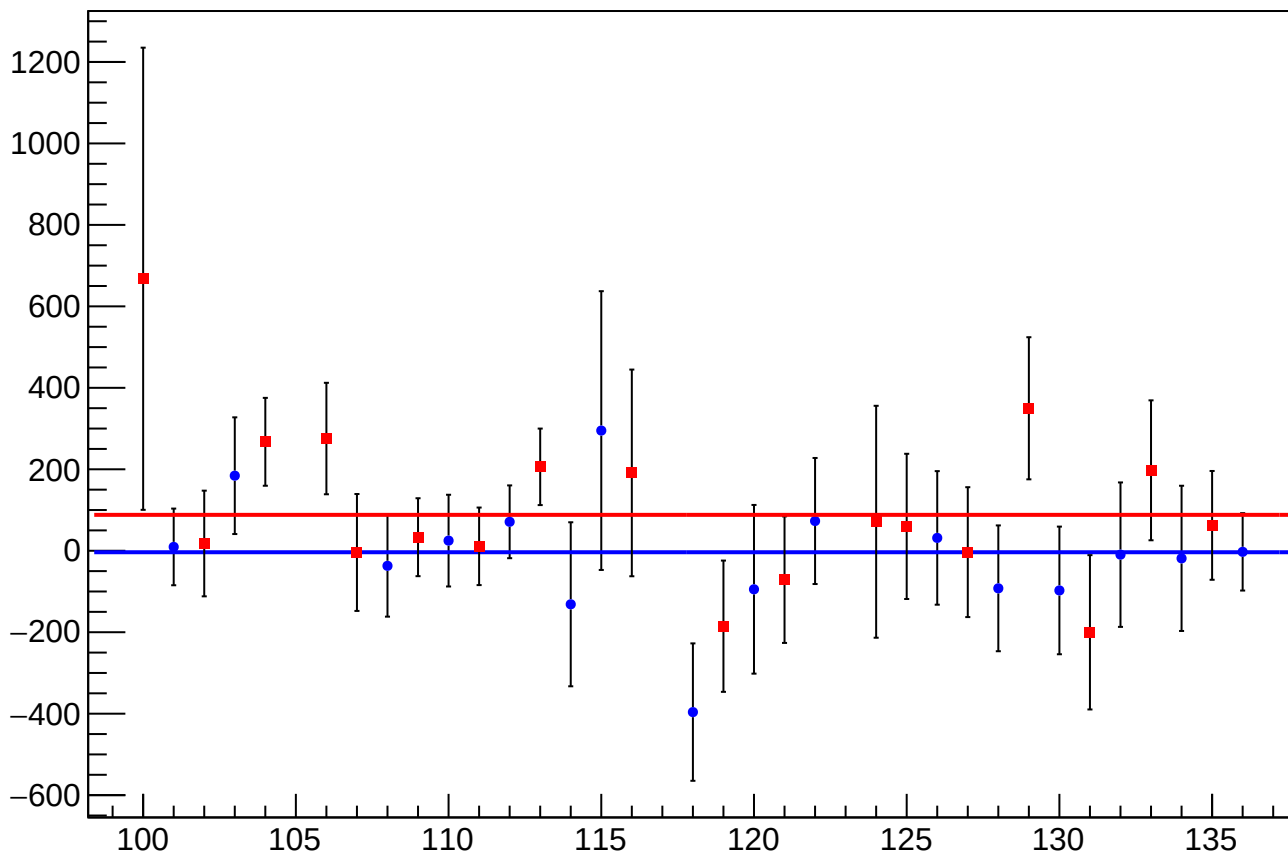
Right: 618.038+/-0.124 χ^2/NDF : 3959938.3/33

In: 641.507+/-0.182 χ^2/NDF : 1874950.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.038+/-0.124 χ^2/NDF : 3959938.3/33

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: 88.145+/-33.099 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

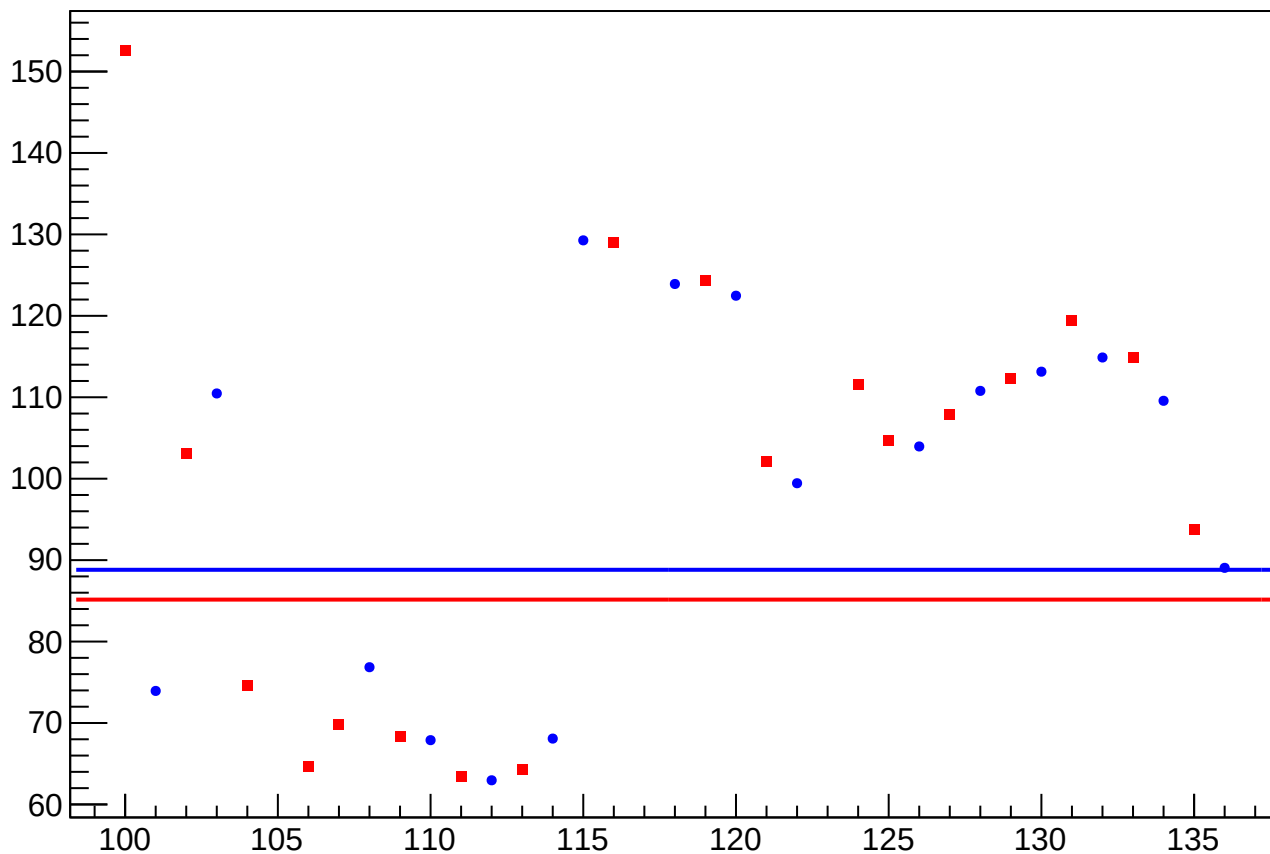
Right: 43.692+/-23.768 χ^2/NDF : 32.5/33

In: -3.635+/-34.152 χ^2/NDF : 10.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.692+/-23.768 χ^2/NDF : 32.5/33

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: 85.153+/-0.023 χ^2/NDF : 883731.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

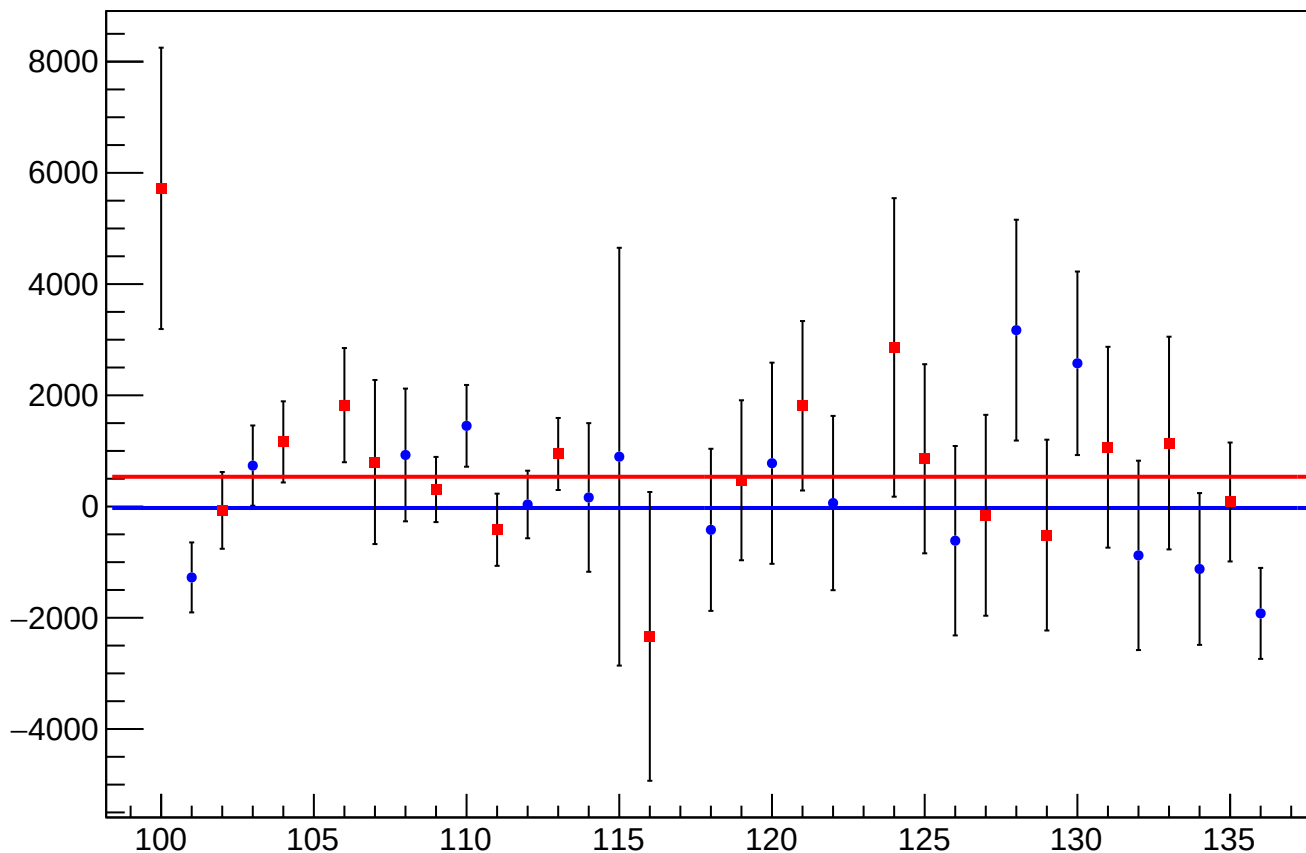
Right: 86.926+/-0.017 χ^2/NDF : 1620191.5/33

In: 88.813+/-0.024 χ^2/NDF : 724609.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.926+/-0.017 χ^2/NDF : 1620191.5/33

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: 535.673 ± 243.552 χ^2/NDF : 13.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

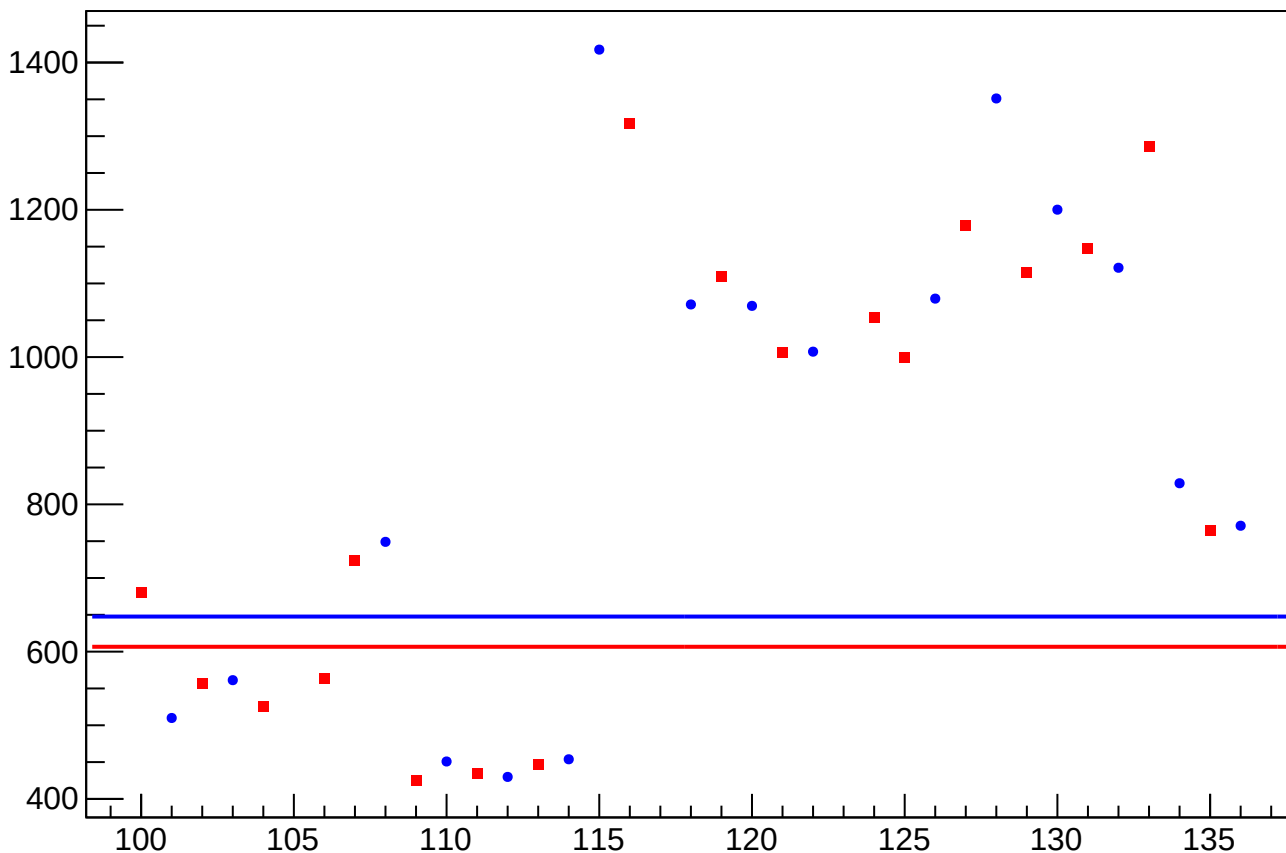
Right: 272.627 ± 177.556 χ^2/NDF : 37.7/33

In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 272.627 ± 177.556 χ^2/NDF : 37.7/33

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: 606.608+/-0.172 χ^2/NDF : 2052986.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

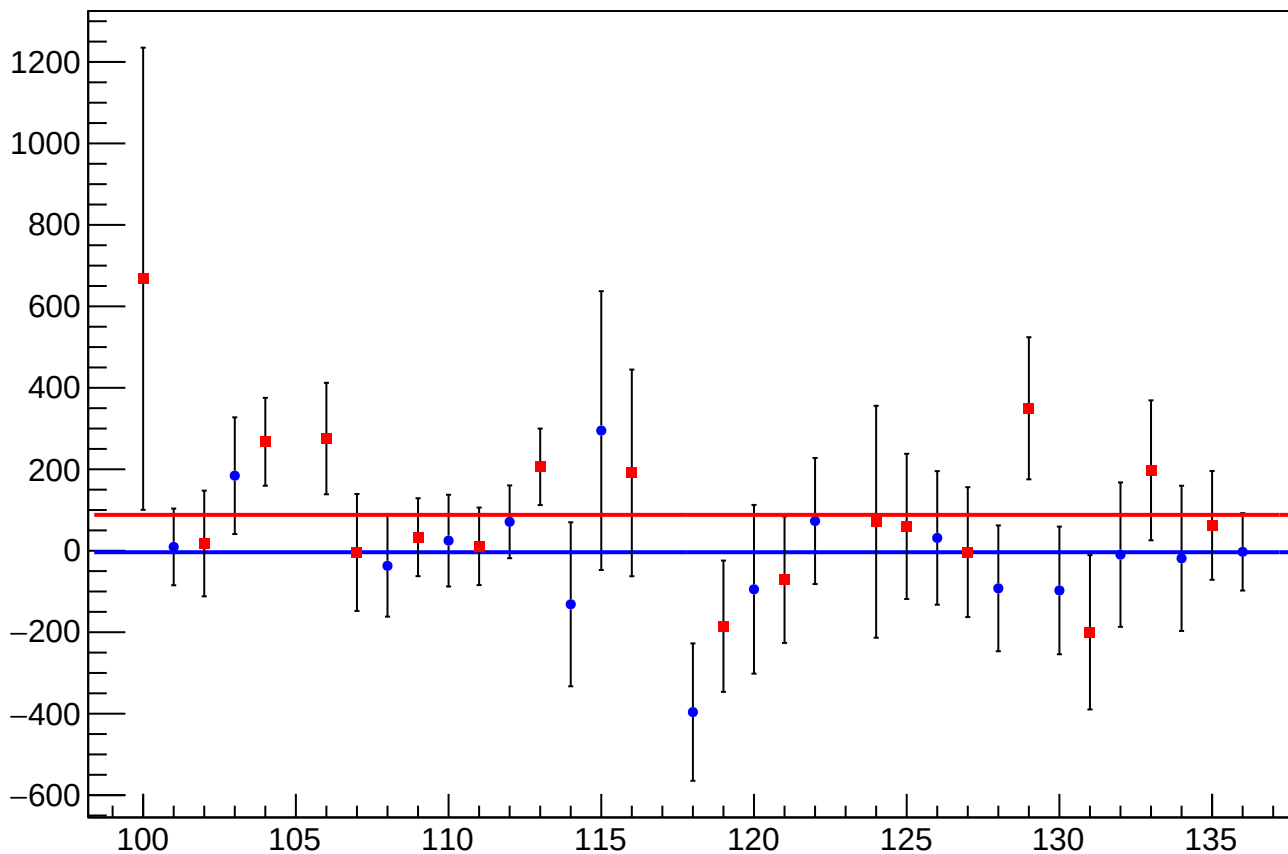
Right: 625.832+/-0.126 χ^2/NDF : 3967399.3/33

In: 647.641+/-0.183 χ^2/NDF : 1887815.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.832+/-0.126 χ^2/NDF : 3967399.3/33

eigen_dit_asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: -3.633 ± 34.152 $\chi^2/\text{NDF}: 10.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 88.145 ± 33.099 $\chi^2/\text{NDF}: 18.4/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

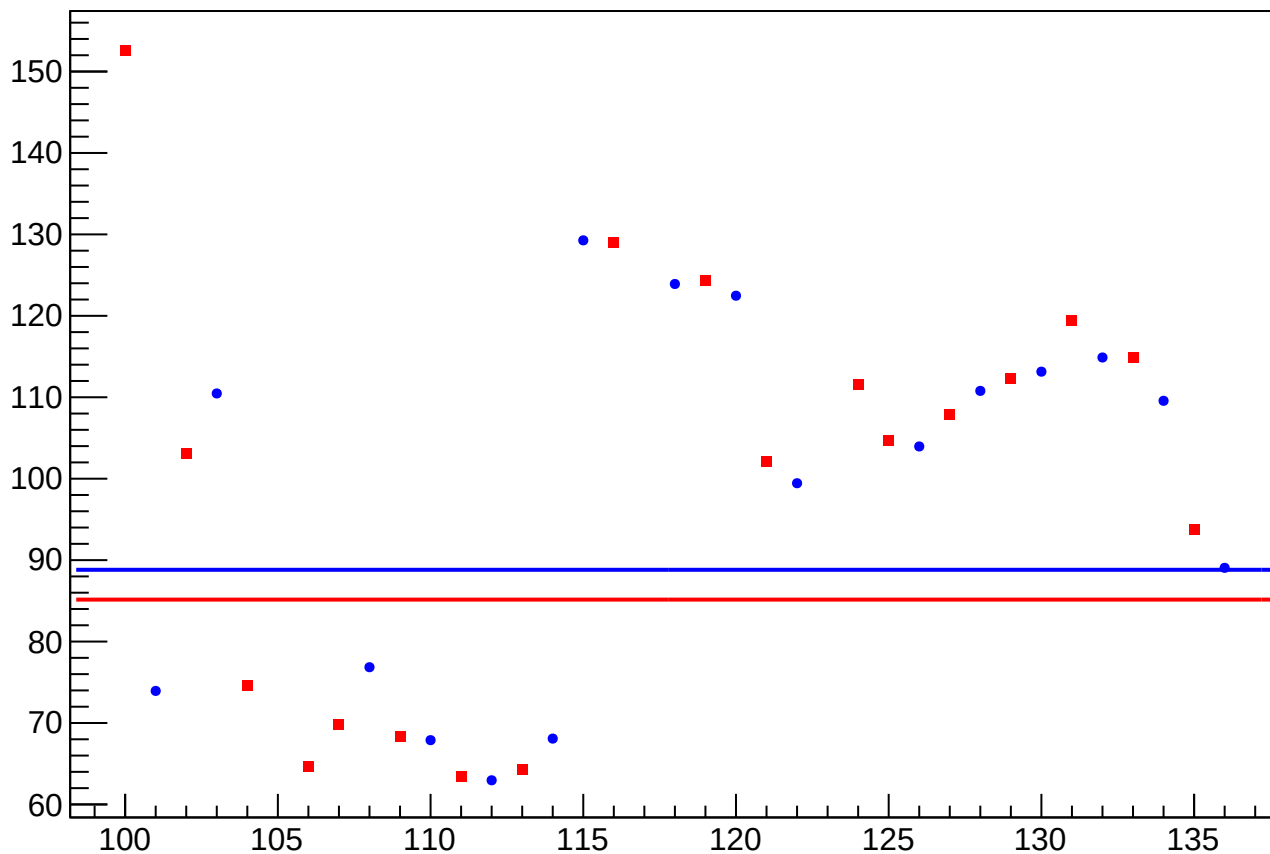
Right: 43.692 ± 23.768 $\chi^2/\text{NDF}: 32.5/33$

In: -3.633 ± 34.152 $\chi^2/\text{NDF}: 10.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 43.692 ± 23.768 $\chi^2/\text{NDF}: 32.5/33$

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: 85.152+/-0.023 χ^2/NDF : 883733.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

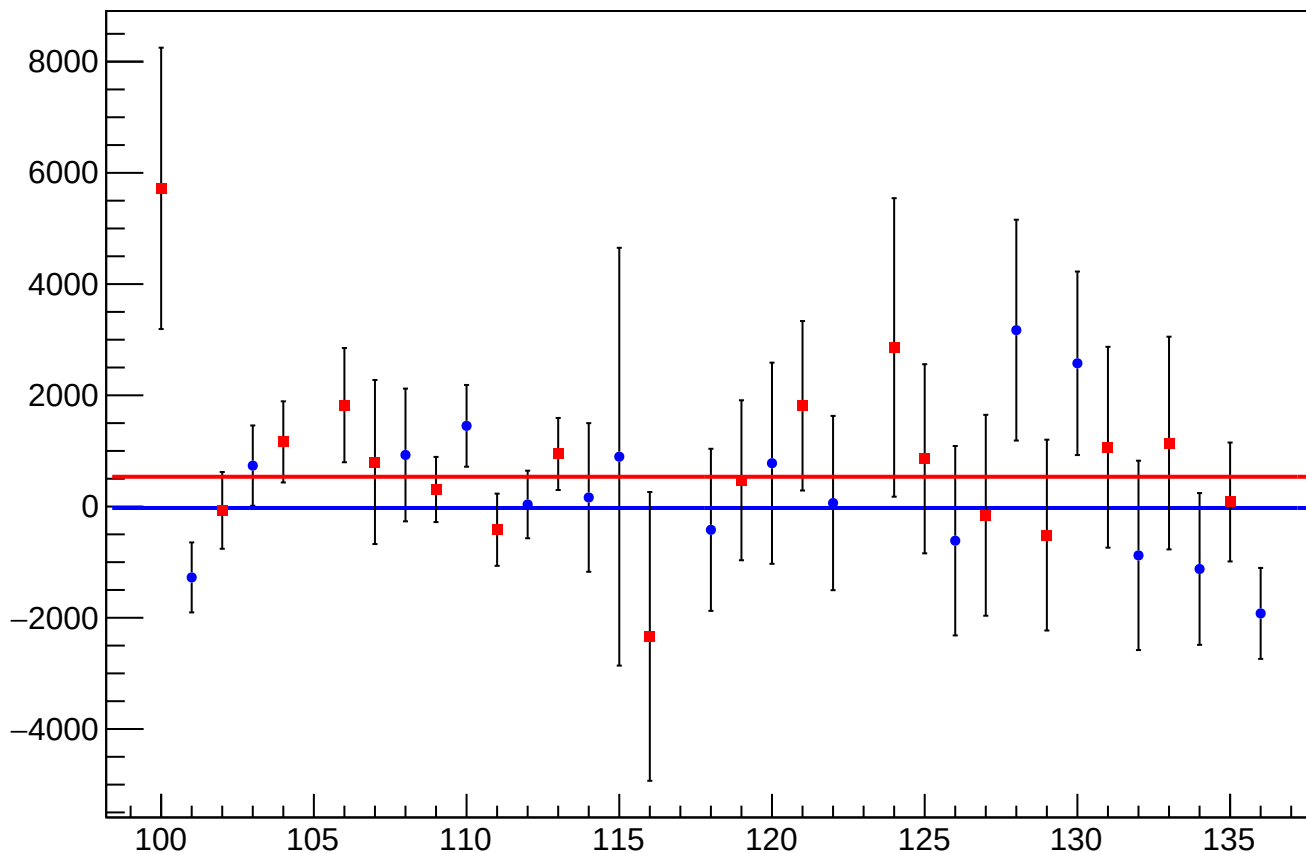
Right: 86.926+/-0.017 χ^2/NDF : 1620193.4/33

In: 88.813+/-0.024 χ^2/NDF : 724609.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.926+/-0.017 χ^2/NDF : 1620193.4/33

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: 535.672 ± 243.551 χ^2/NDF : 13.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

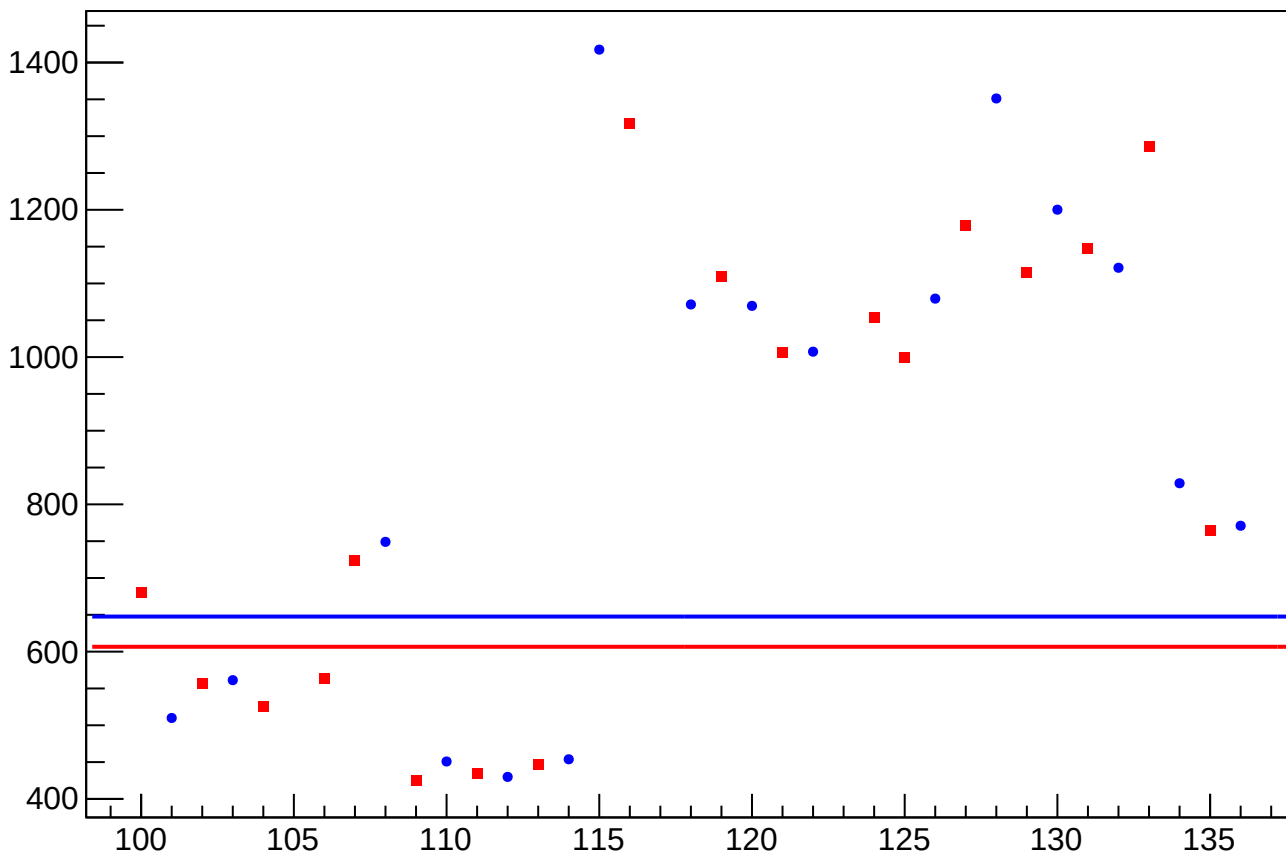
Right: 272.626 ± 177.556 χ^2/NDF : 37.7/33

In: -25.770 ± 259.401 χ^2/NDF : 21.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 272.626 ± 177.556 χ^2/NDF : 37.7/33

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: 606.607+/-0.172 χ^2/NDF : 2052989.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

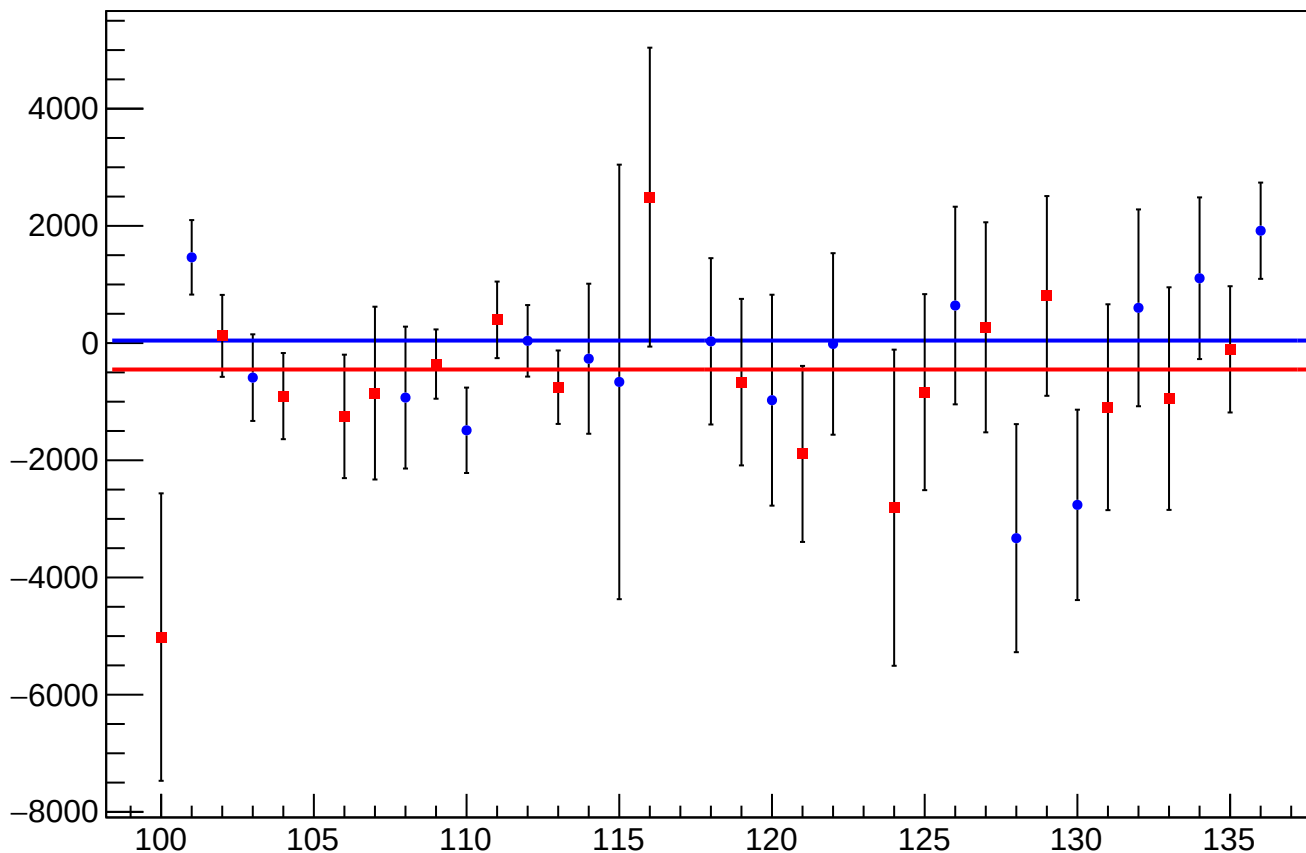
Right: 625.832+/-0.126 χ^2/NDF : 3967407.0/33

In: 647.640+/-0.183 χ^2/NDF : 1887820.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.832+/-0.126 χ^2/NDF : 3967407.0/33

asym_sam_1548_avg_mean vs Slug, Sign Corrected



Right In: 43.152+/-259.796 χ^2/NDF : 23.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -450.800+/-243.398 χ^2/NDF : 11.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

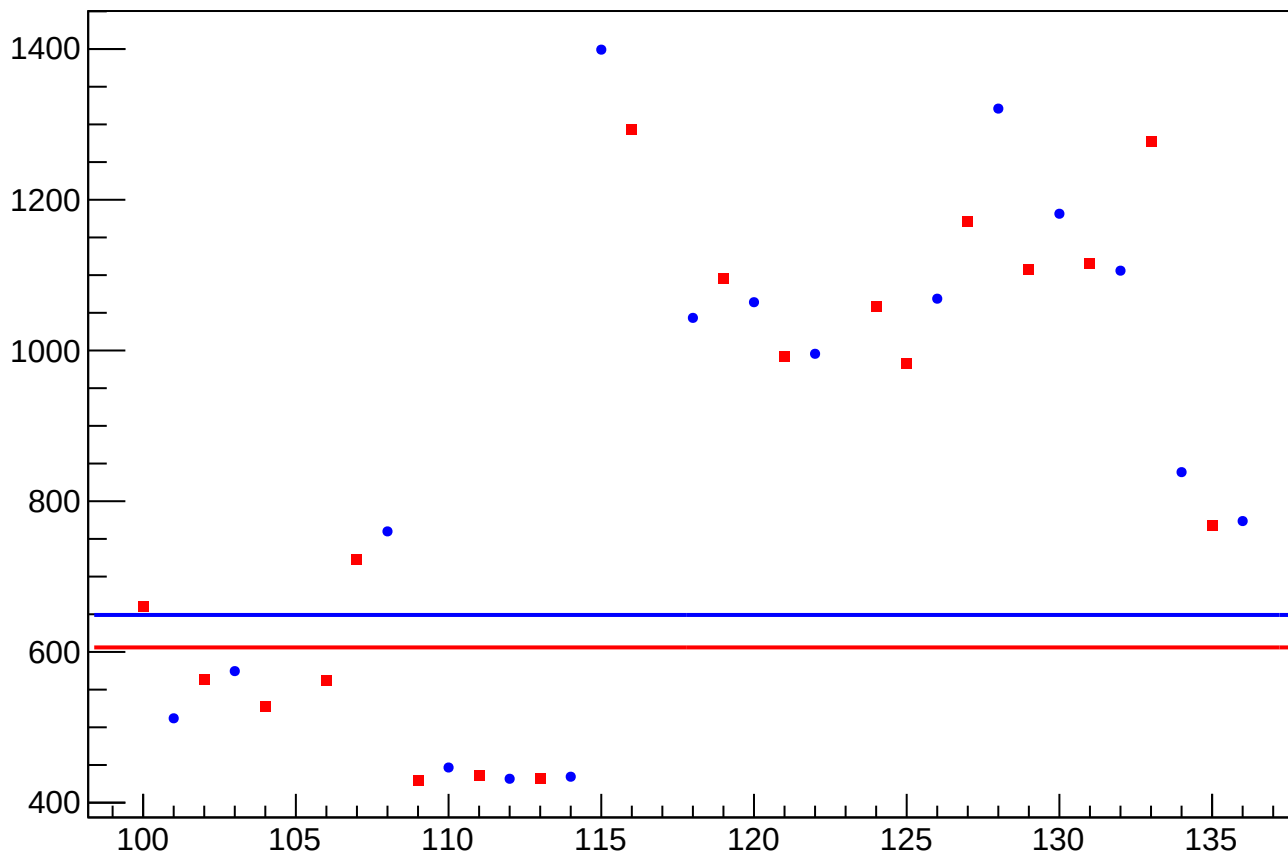
Right: -219.904+/-177.623 χ^2/NDF : 36.4/33

In: 43.152+/-259.796 χ^2/NDF : 23.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -219.904+/-177.623 χ^2/NDF : 36.4/33

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: 606.009+/-0.172 χ^2/NDF : 2021323.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

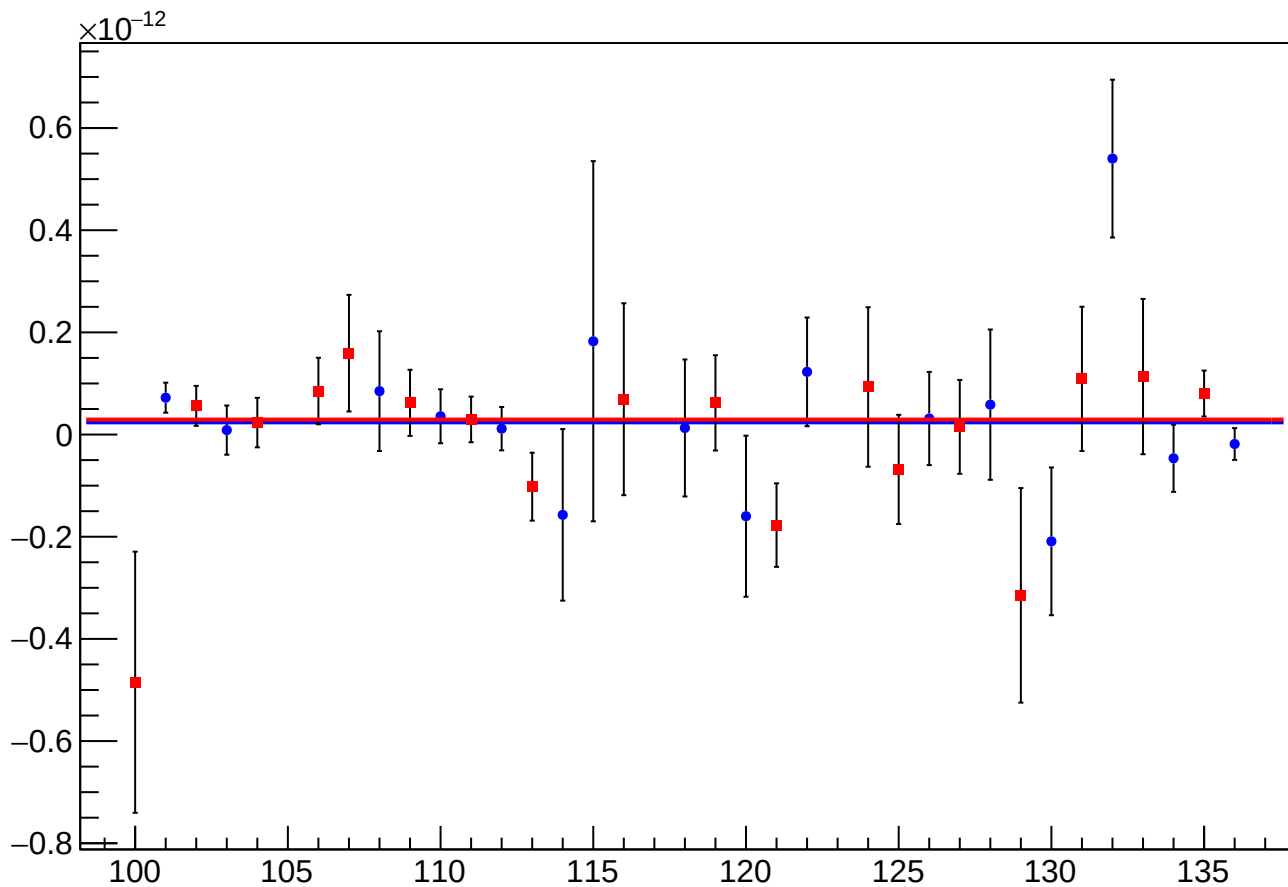
Right: 626.147+/-0.126 χ^2/NDF : 3896428.7/33

In: 649.091+/-0.184 χ^2/NDF : 1845815.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 626.147+/-0.126 χ^2/NDF : 3896428.7/33

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 : 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

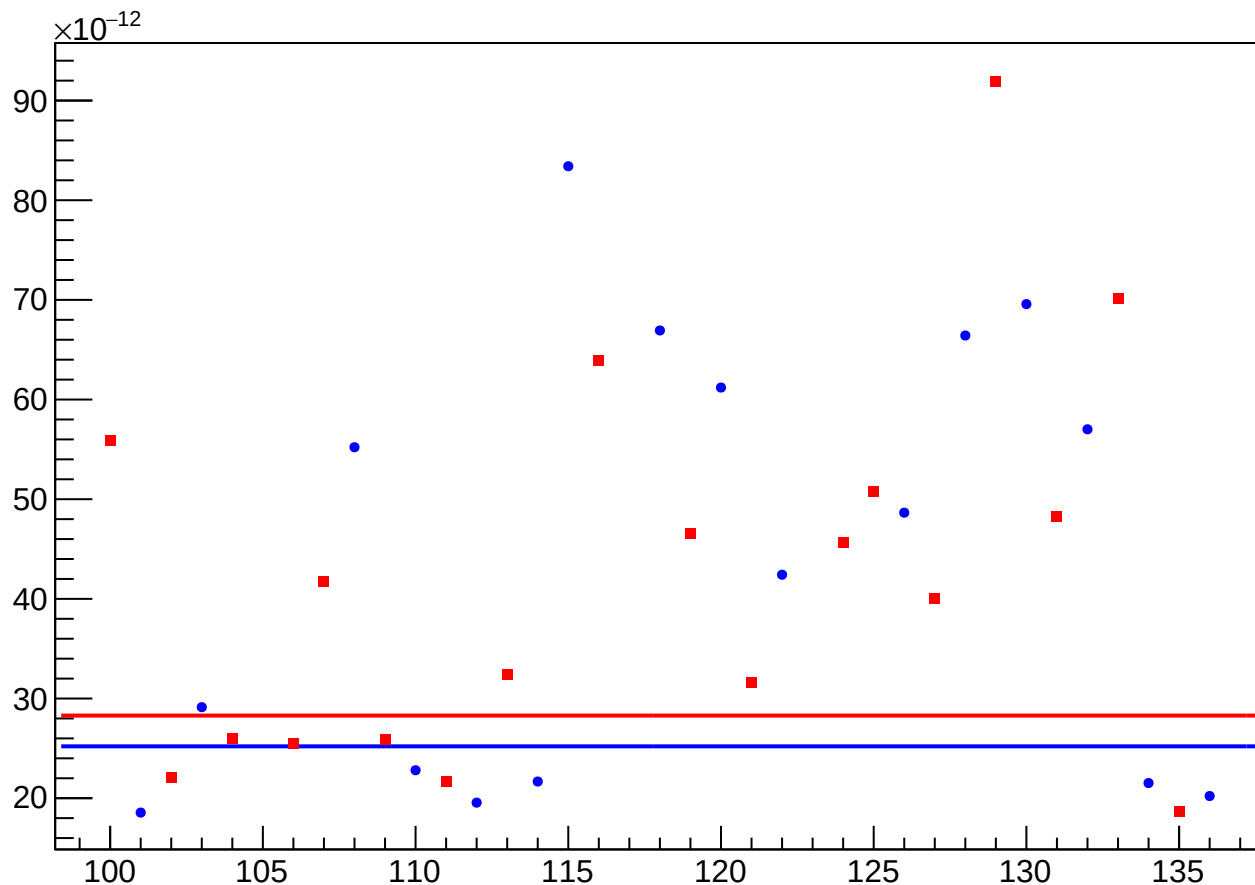
Right: 0.000+/-0.000 χ^2/NDF : 46.6/33

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 : 46.6/33

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 : 929416.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

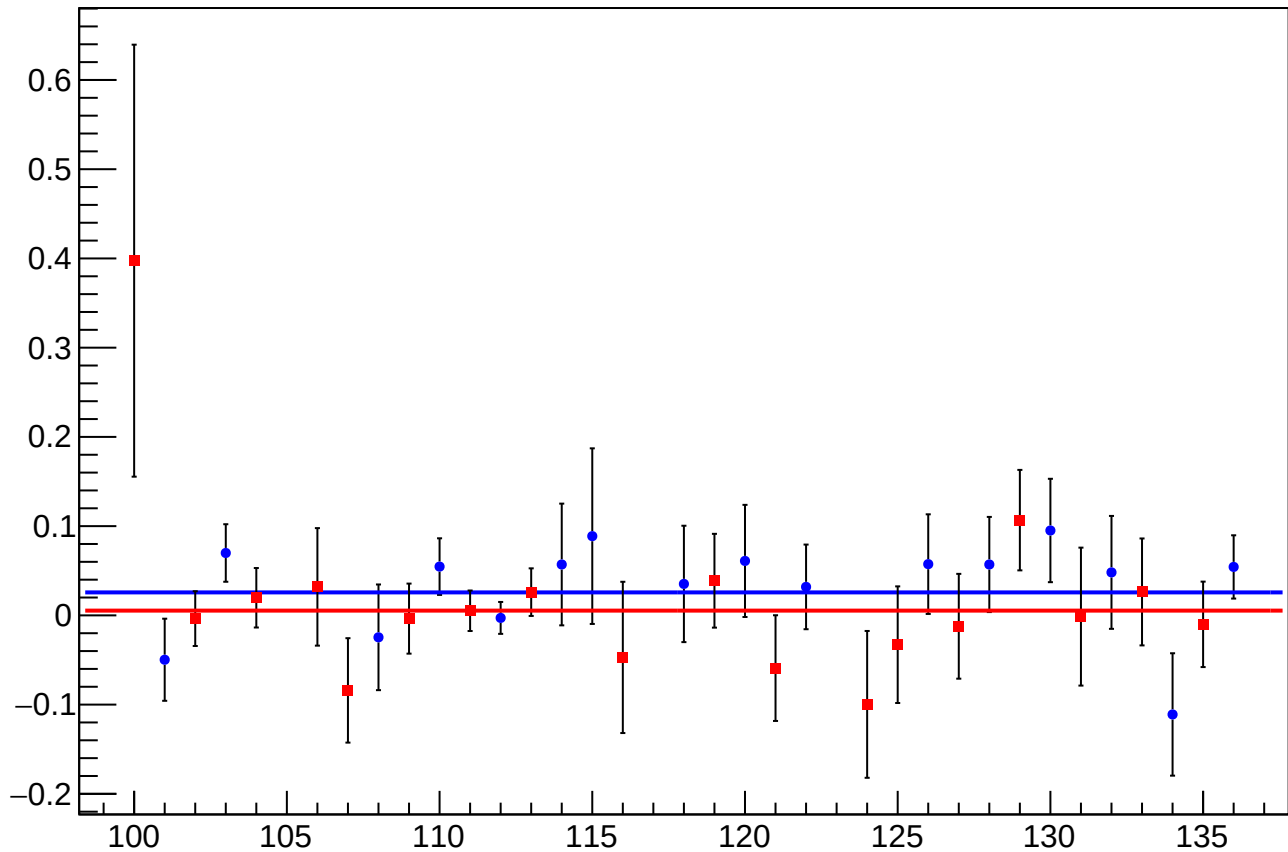
Right: 0.000+/-0.000 χ^2/NDF : 2278697.7/33

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 : 2278697.7/33

asym_sam_1548_avg_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 : 13.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

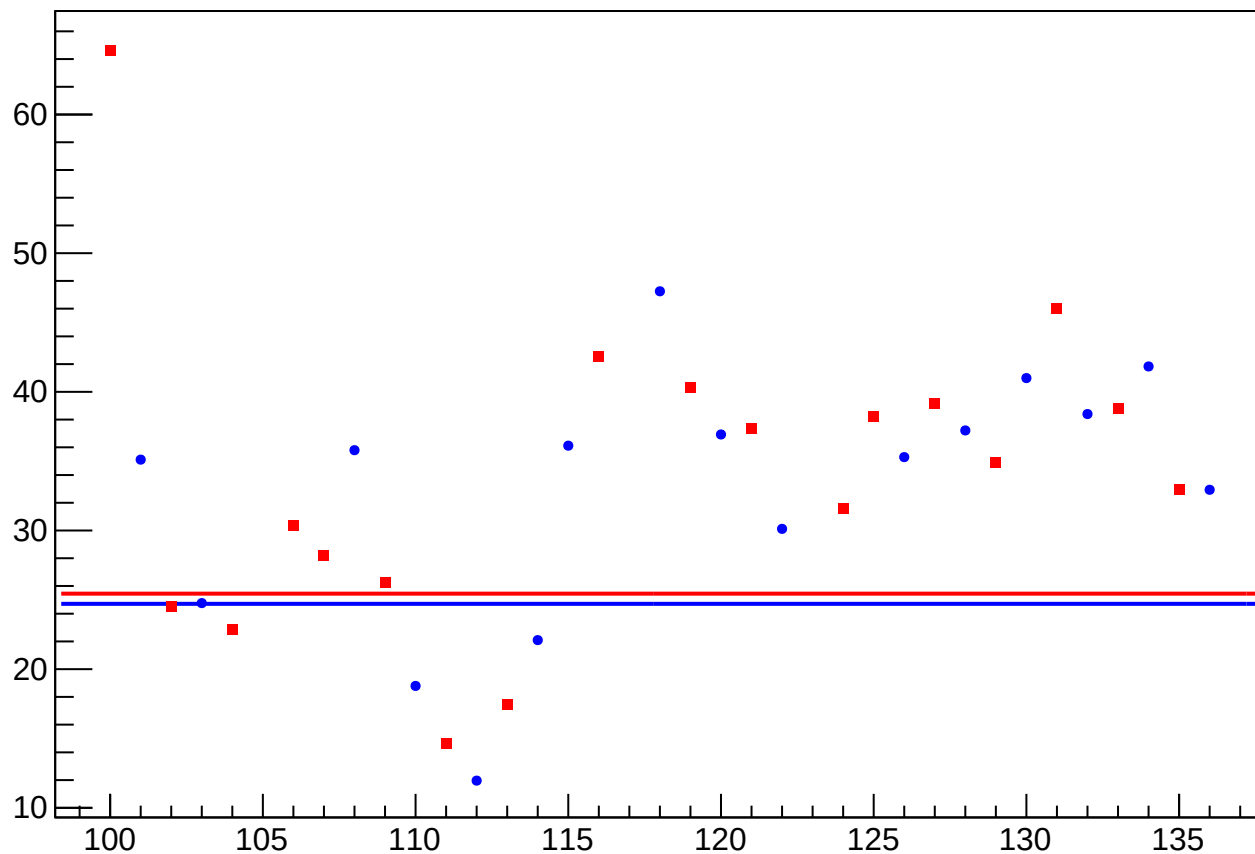
Right: 0.016+/-0.007 χ^2/NDF : 32.0/33

In: 0.026+/-0.010 χ^2/NDF : 16.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.007 χ^2/NDF : 32.0/33

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712+/-0.007 χ^2/NDF : 2295174.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584203.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

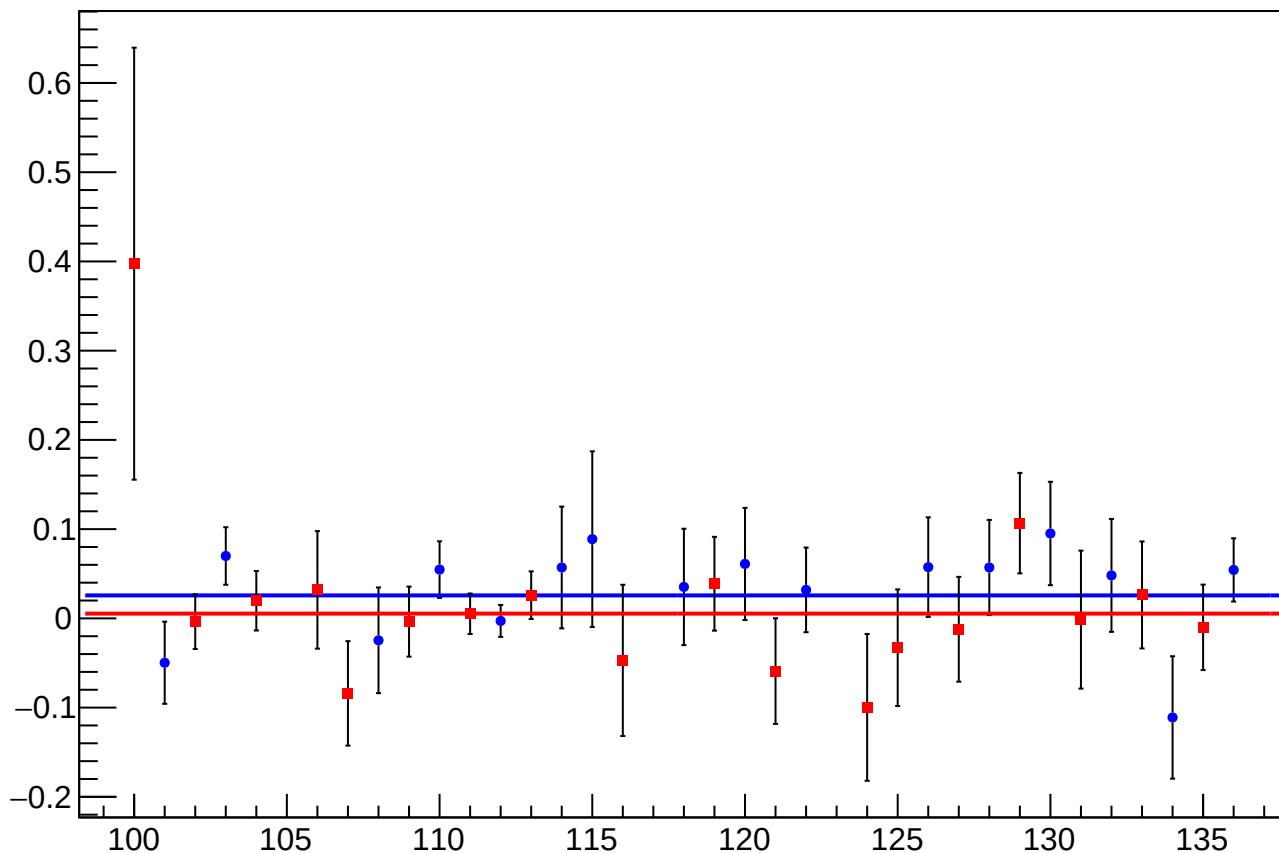
Right: 25.076+/-0.005 χ^2/NDF : 3884358.7/33

In: 24.712+/-0.007 χ^2/NDF : 2295174.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.076+/-0.005 χ^2/NDF : 3884358.7/33

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: 13.6/17

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

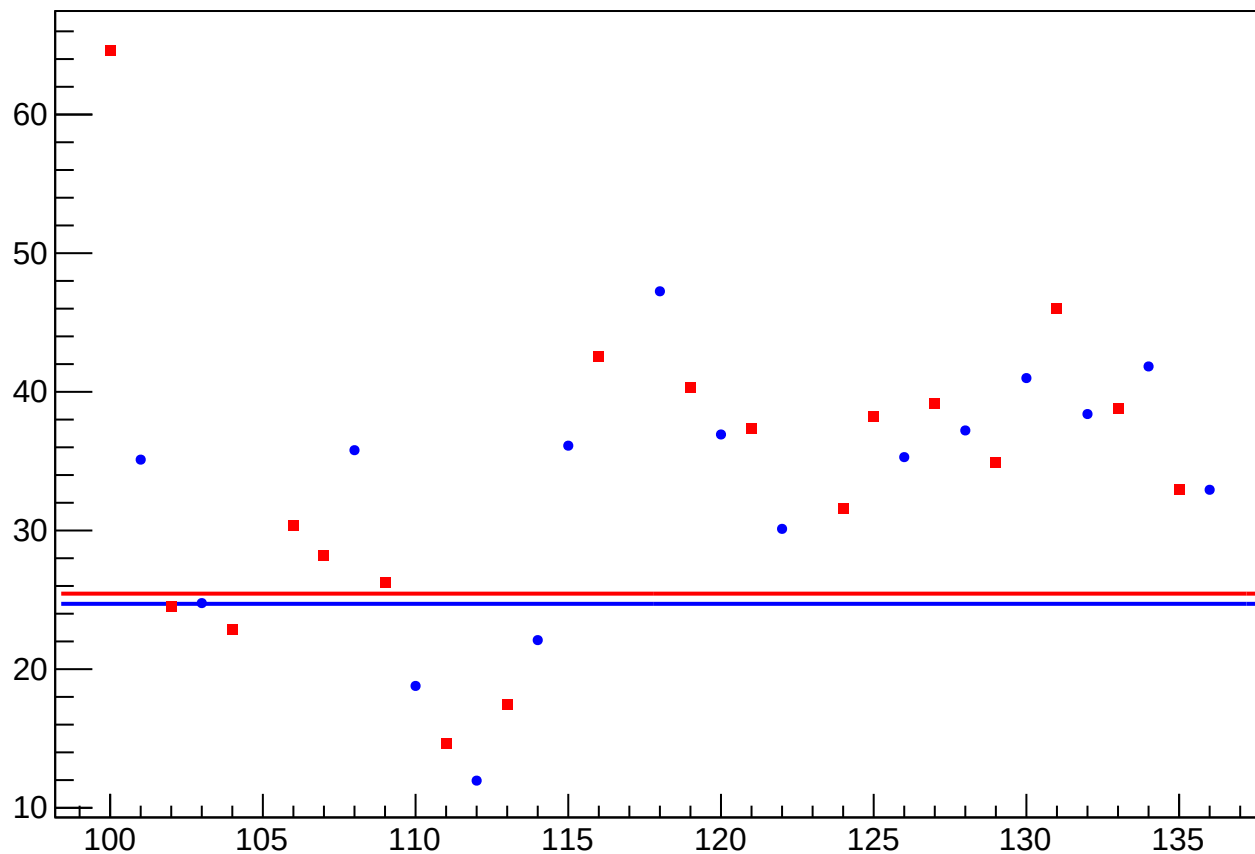
Right: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

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: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712+/-0.007 χ^2/NDF : 2295174.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584203.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

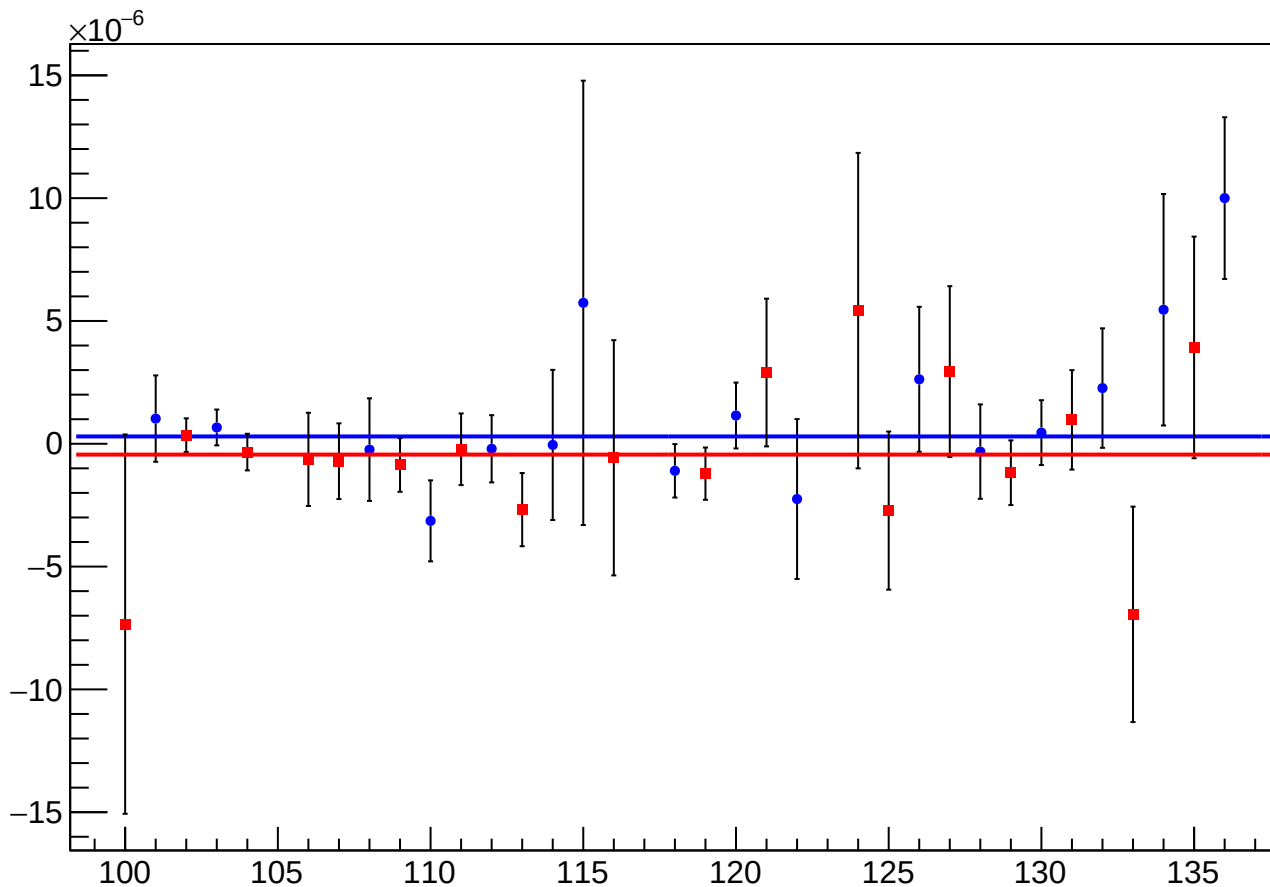
Right: 25.076+/-0.005 χ^2/NDF : 3884358.7/33

In: 24.712+/-0.007 χ^2/NDF : 2295174.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.076+/-0.005 χ^2/NDF : 3884358.7/33

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 : 12.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

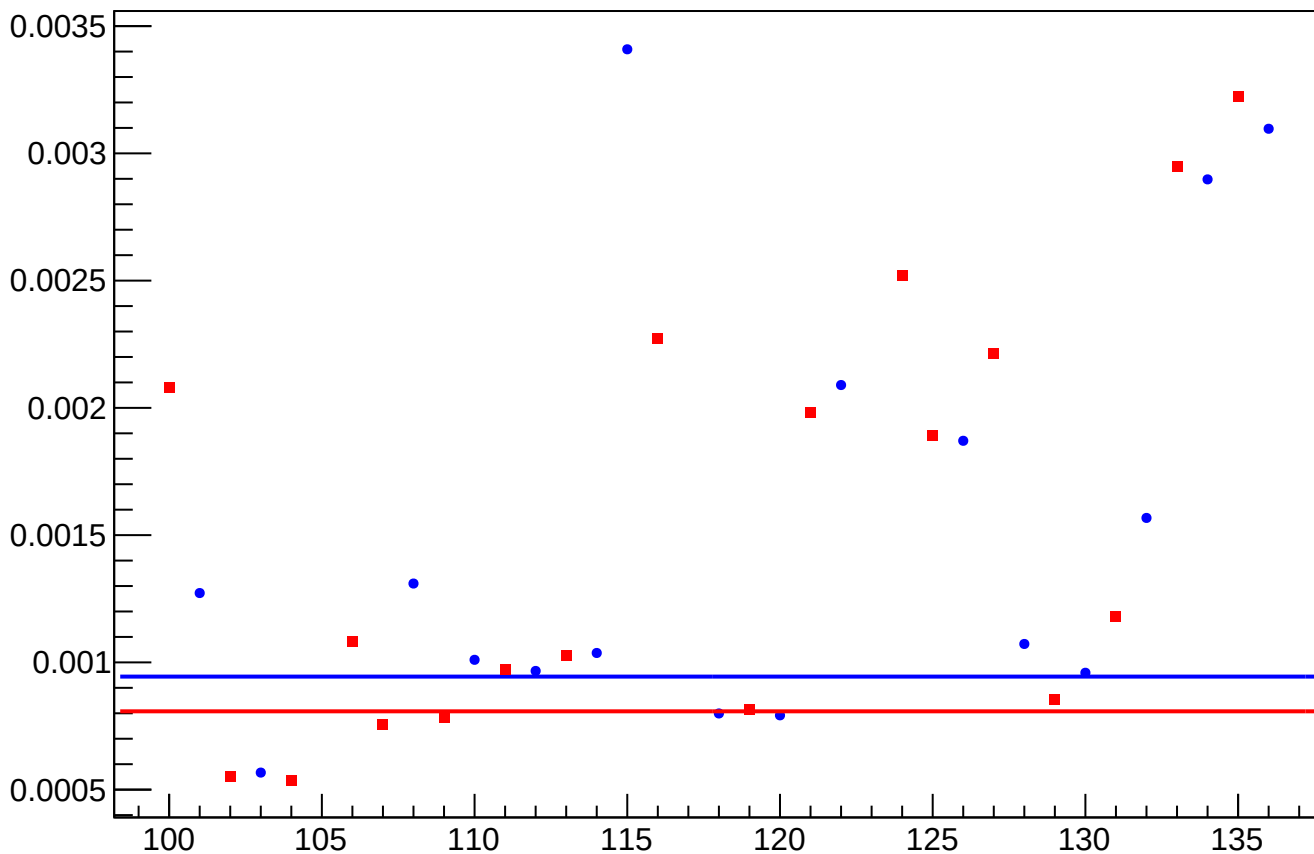
Right: -0.000+/-0.000 χ^2/NDF : 33.9/33

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 : 33.9/33

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 : 3026211.8/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 5826240.6/33

In: 0.001+/-0.000

χ^2/NDF : 2665853.3/15

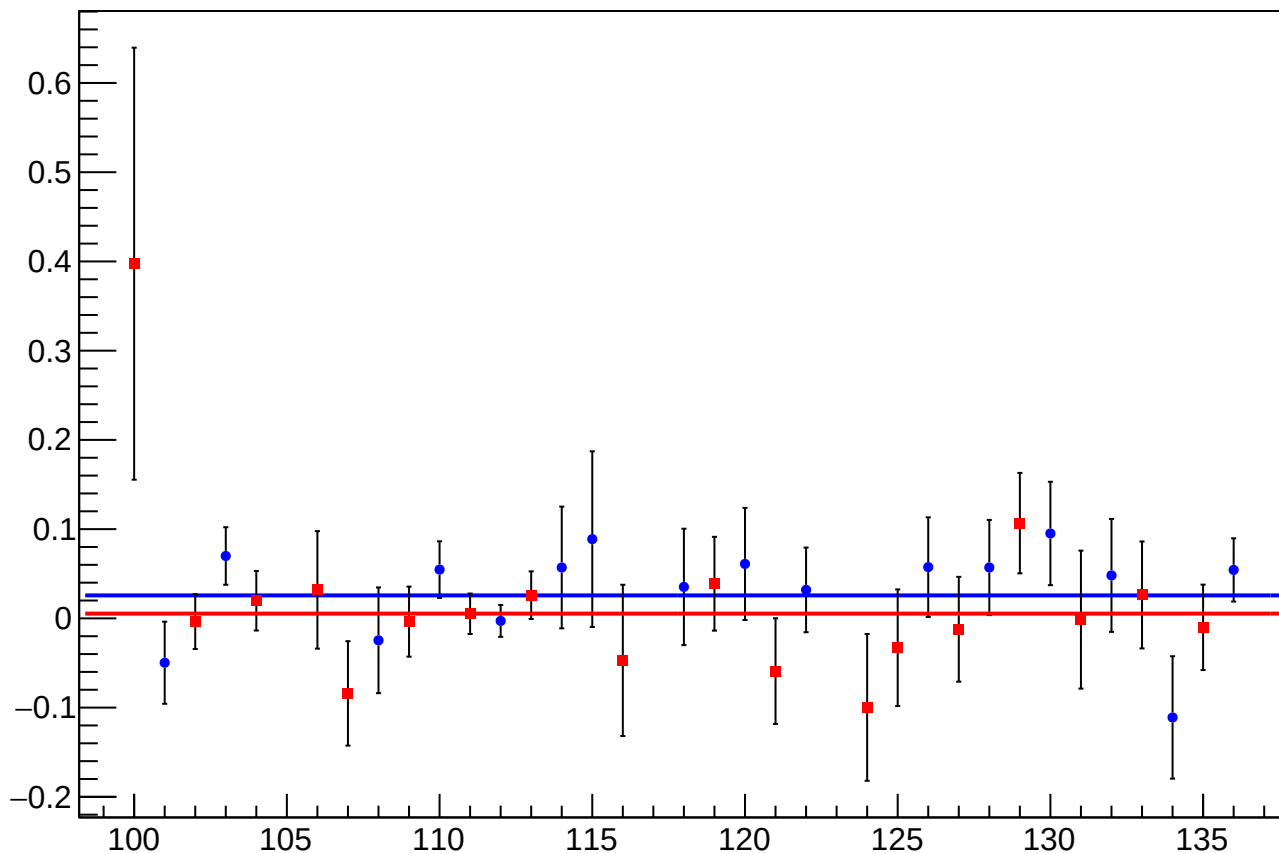
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5826240.6/33

asym_sam_1548_avg_eigen_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: 13.6/17

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

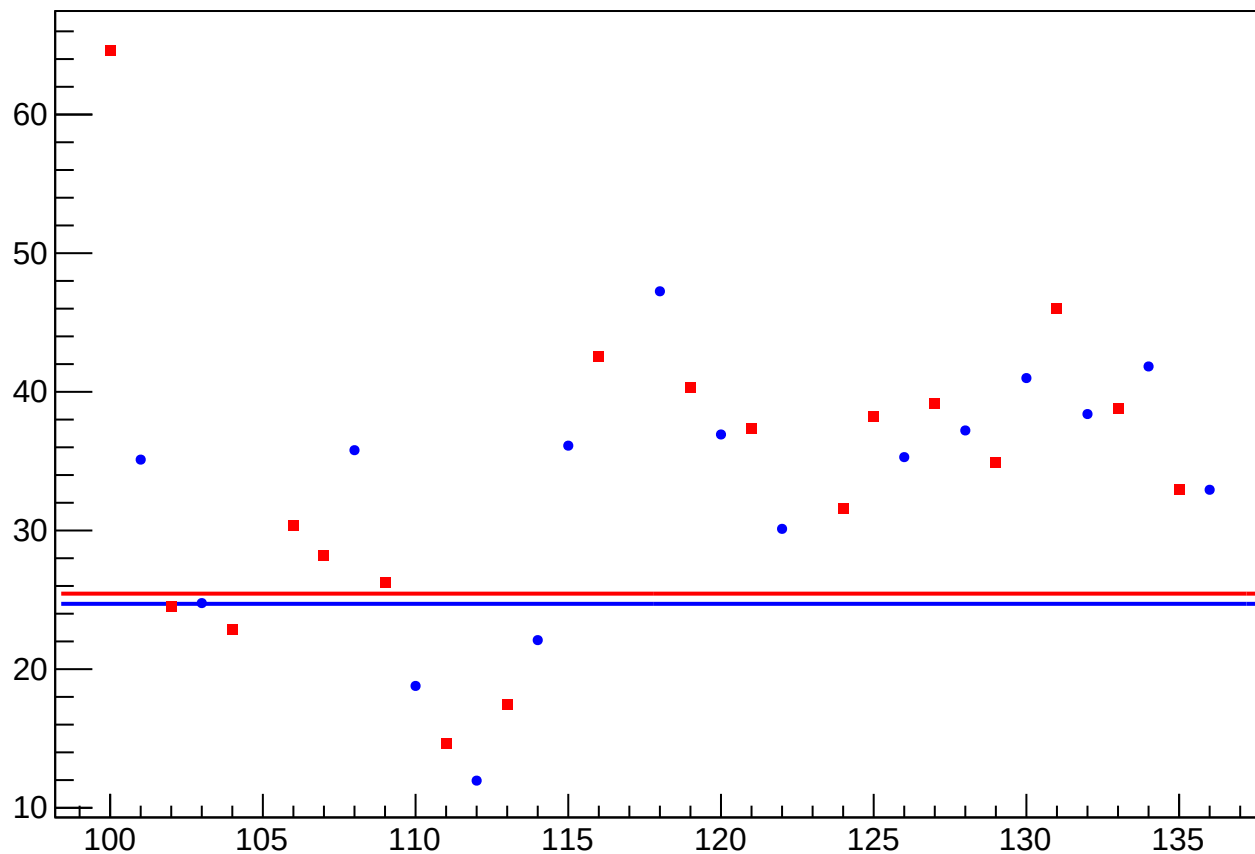
Right: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

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: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 24.712+/-0.007 χ^2/NDF : 2295351.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584351.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

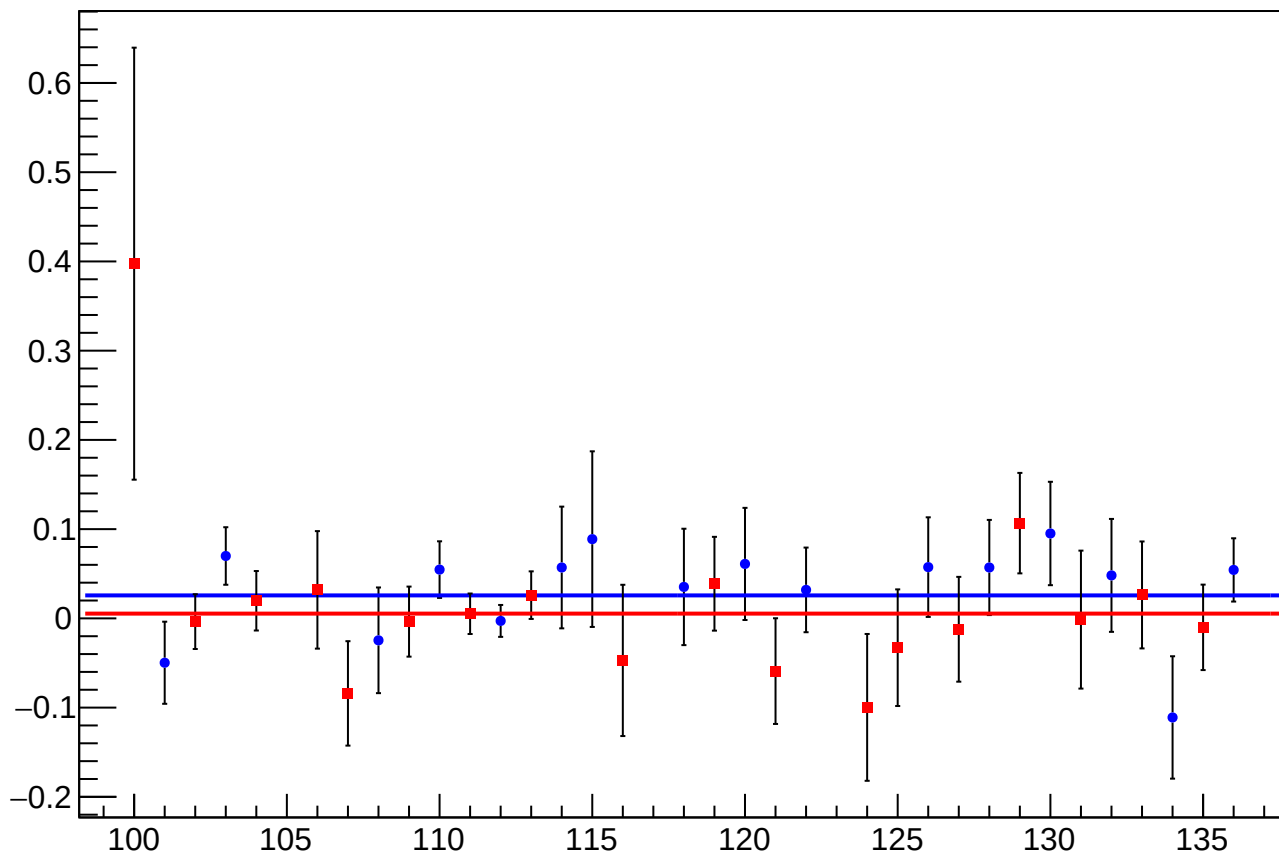
Right: 25.076+/-0.005 χ^2/NDF : 3884685.9/33

In: 24.712+/-0.007 χ^2/NDF : 2295351.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.076+/-0.005 χ^2/NDF : 3884685.9/33

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: 13.6/17

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

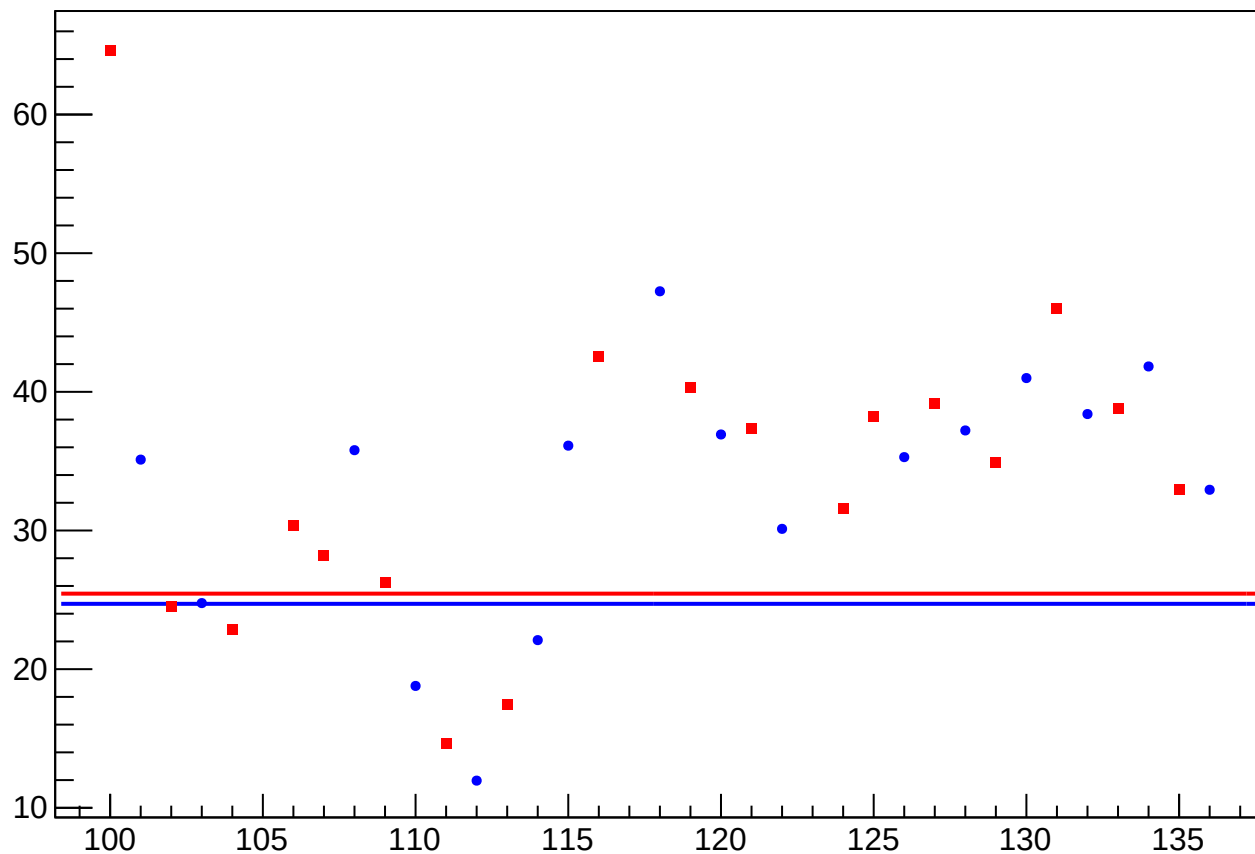
Right: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

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: 0.016 $\pm$ 0.007 χ^2 /NDF: 32.0/33

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: 25.446 $\pm$ 0.007 χ^2 /NDF: 1584351.7/17

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

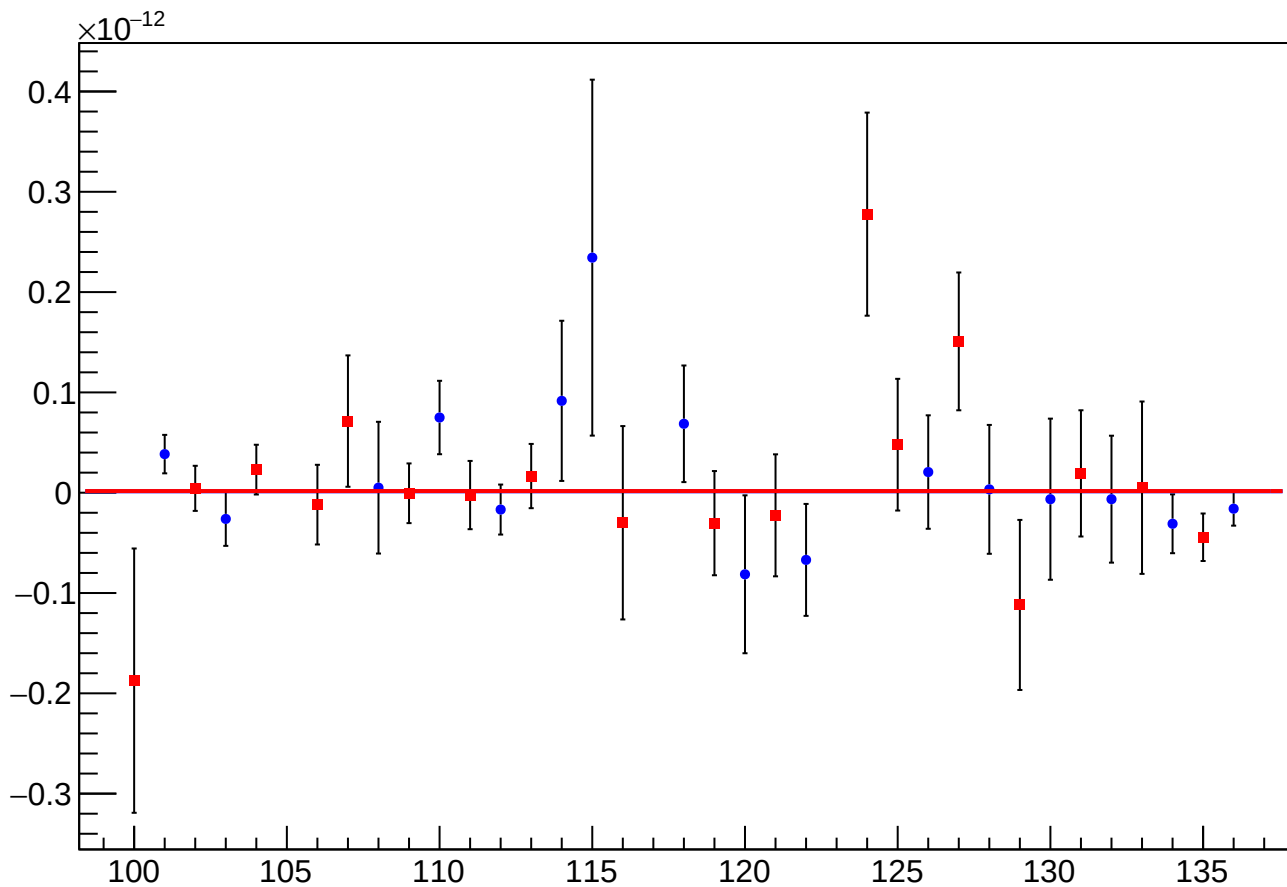
Right: 25.076 $\pm$ 0.005 χ^2 /NDF: 3884685.9/33

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: 25.076 $\pm$ 0.005 χ^2 /NDF: 3884685.9/33

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 : 23.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

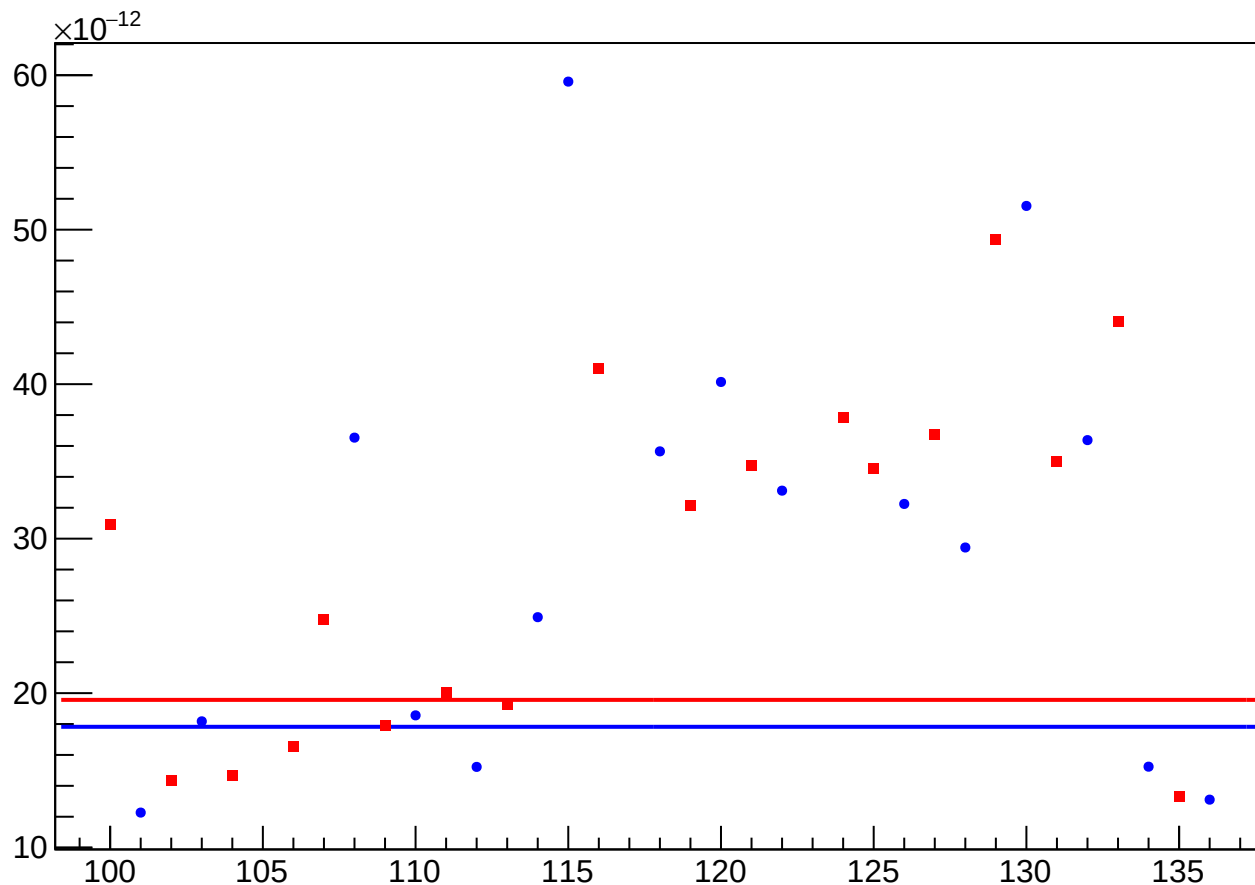
Right: 0.000+/-0.000 χ^2/NDF : 42.0/33

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 : 42.0/33

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 : 1539594.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

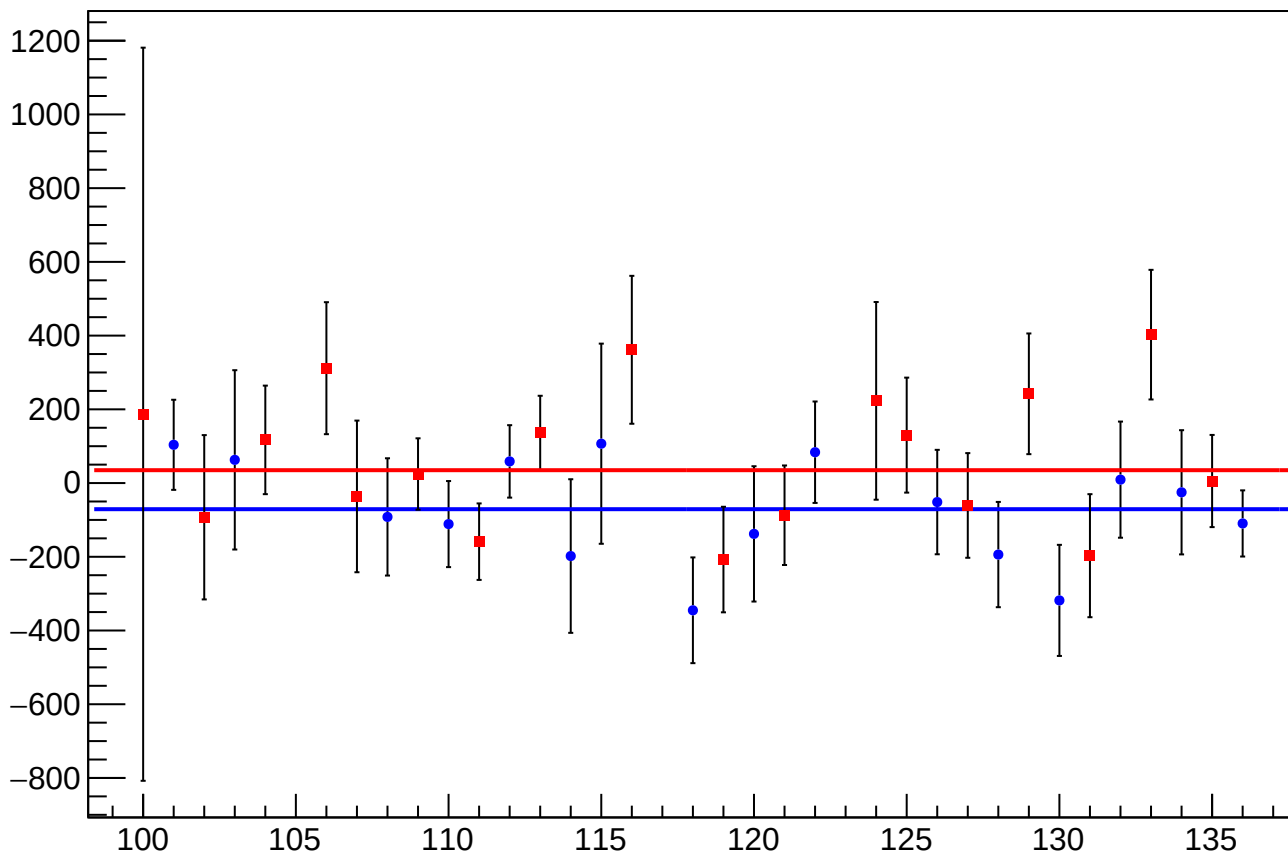
Right: 0.000+/-0.000 χ^2/NDF : 3446292.6/33

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 : 3446292.6/33

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: 34.904 ± 34.855 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

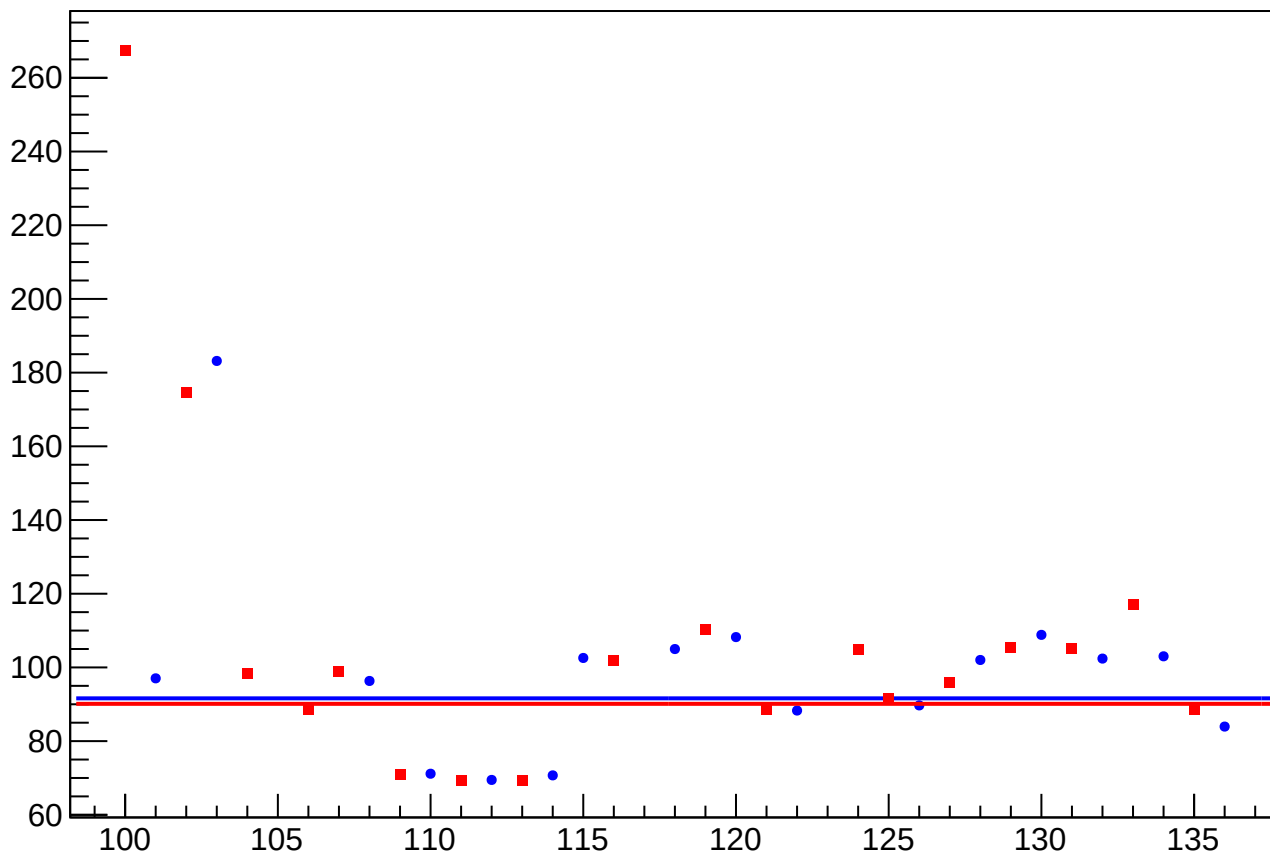
Right: -17.590 ± 24.740 χ^2/NDF : 41.9/33

In: -70.892 ± 35.122 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.590 ± 24.740 χ^2/NDF : 41.9/33

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: 90.119+/-0.025 χ^2/NDF : 742985.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

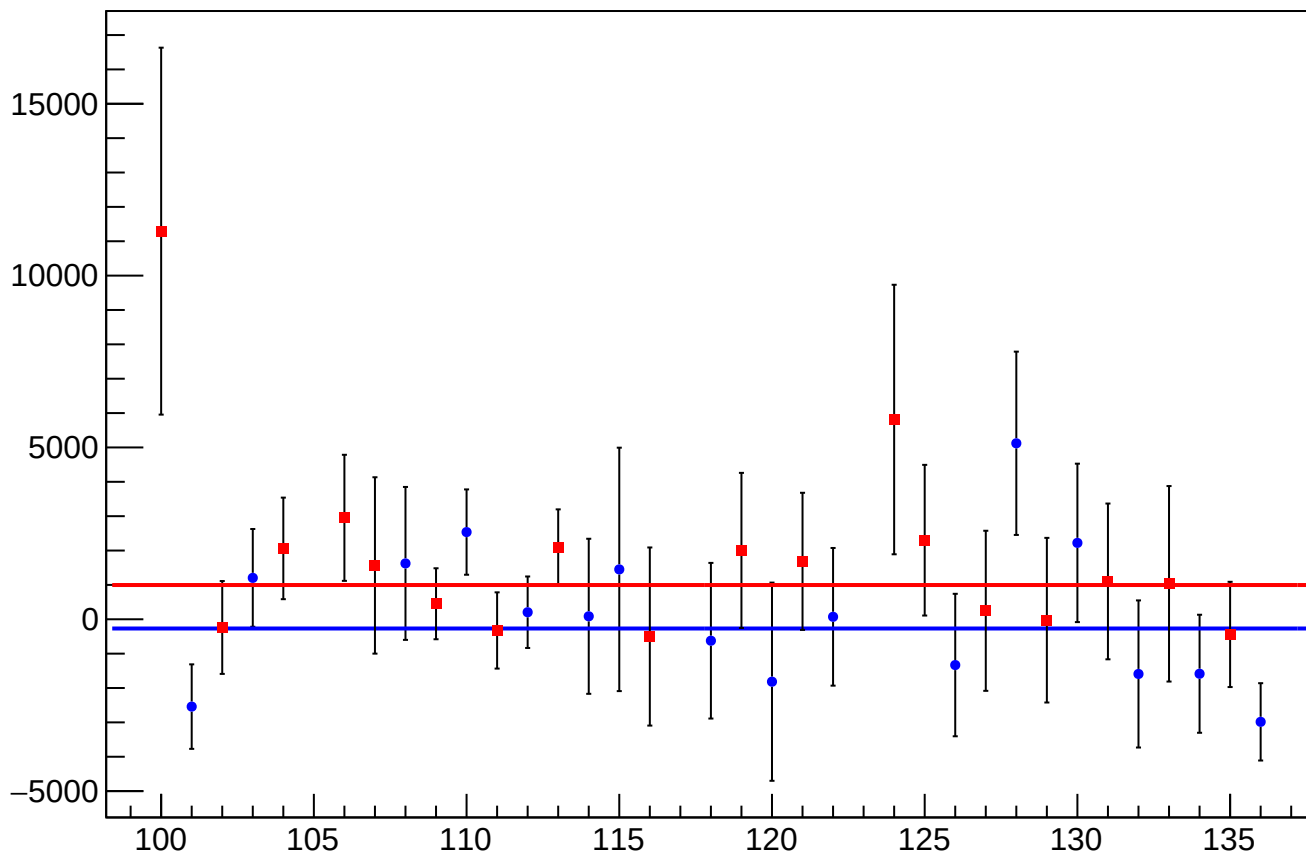
Right: 90.858+/-0.017 χ^2/NDF : 1325469.3/33

In: 91.608+/-0.025 χ^2/NDF : 580672.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.858+/-0.017 χ^2/NDF : 1325469.3/33

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: 996.697+/-406.736 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

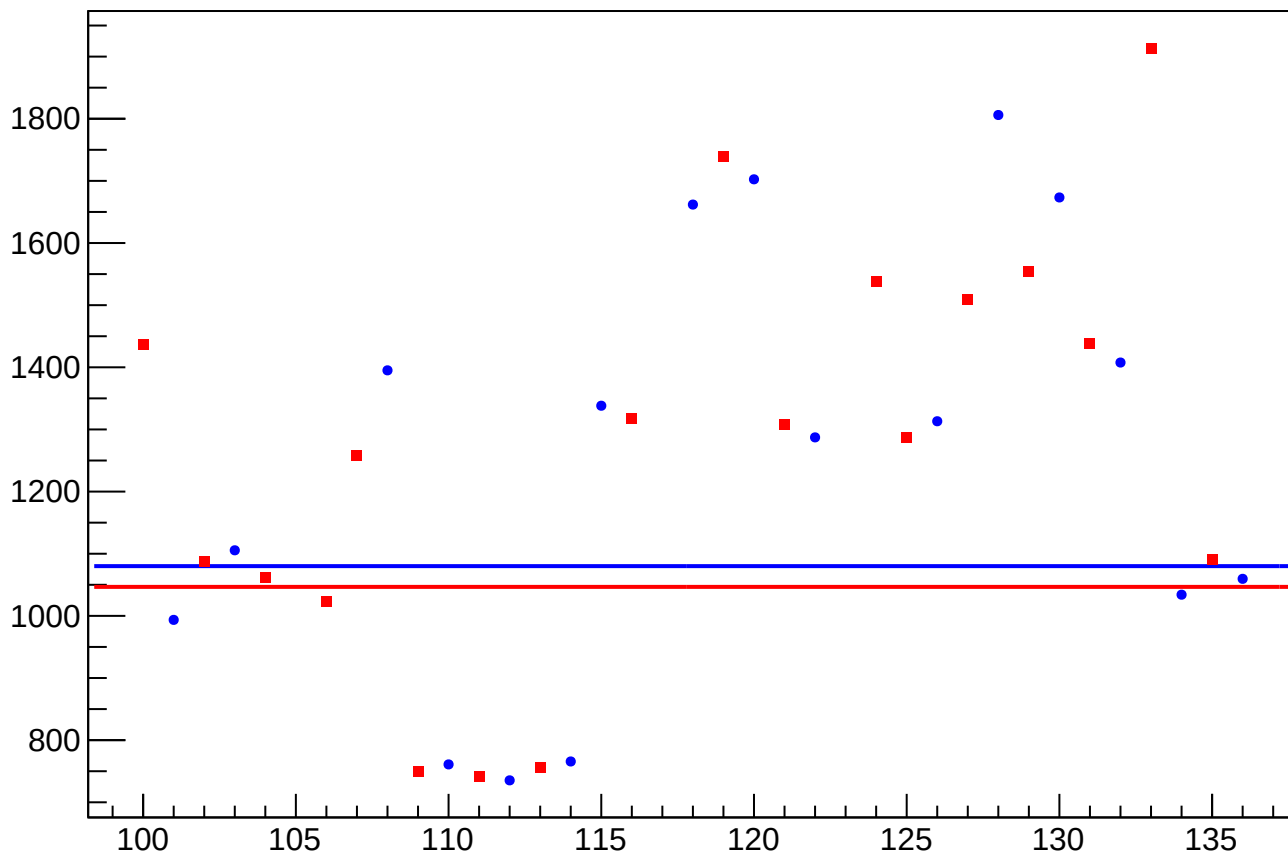
Right: 383.763+/-292.040 χ^2/NDF : 40.8/33

In: -268.485+/-419.578 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.763+/-292.040 χ^2/NDF : 40.8/33

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: 1046.653+/-0.288 χ^2/NDF : 1198574.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

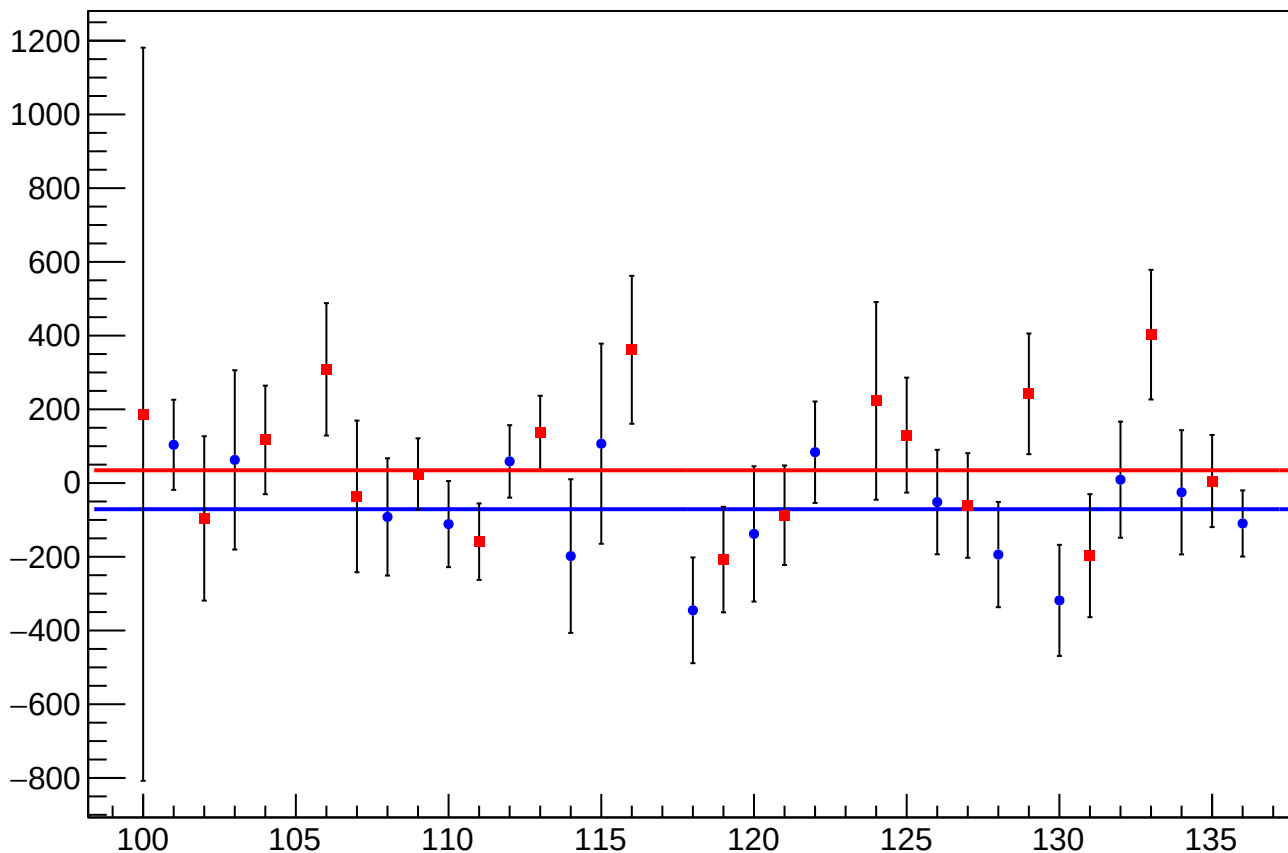
Right: 1062.830+/-0.207 χ^2/NDF : 2258573.2/33

In: 1080.045+/-0.297 χ^2/NDF : 1053468.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1062.830+/-0.207 χ^2/NDF : 2258573.2/33

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: 34.646 ± 34.860 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

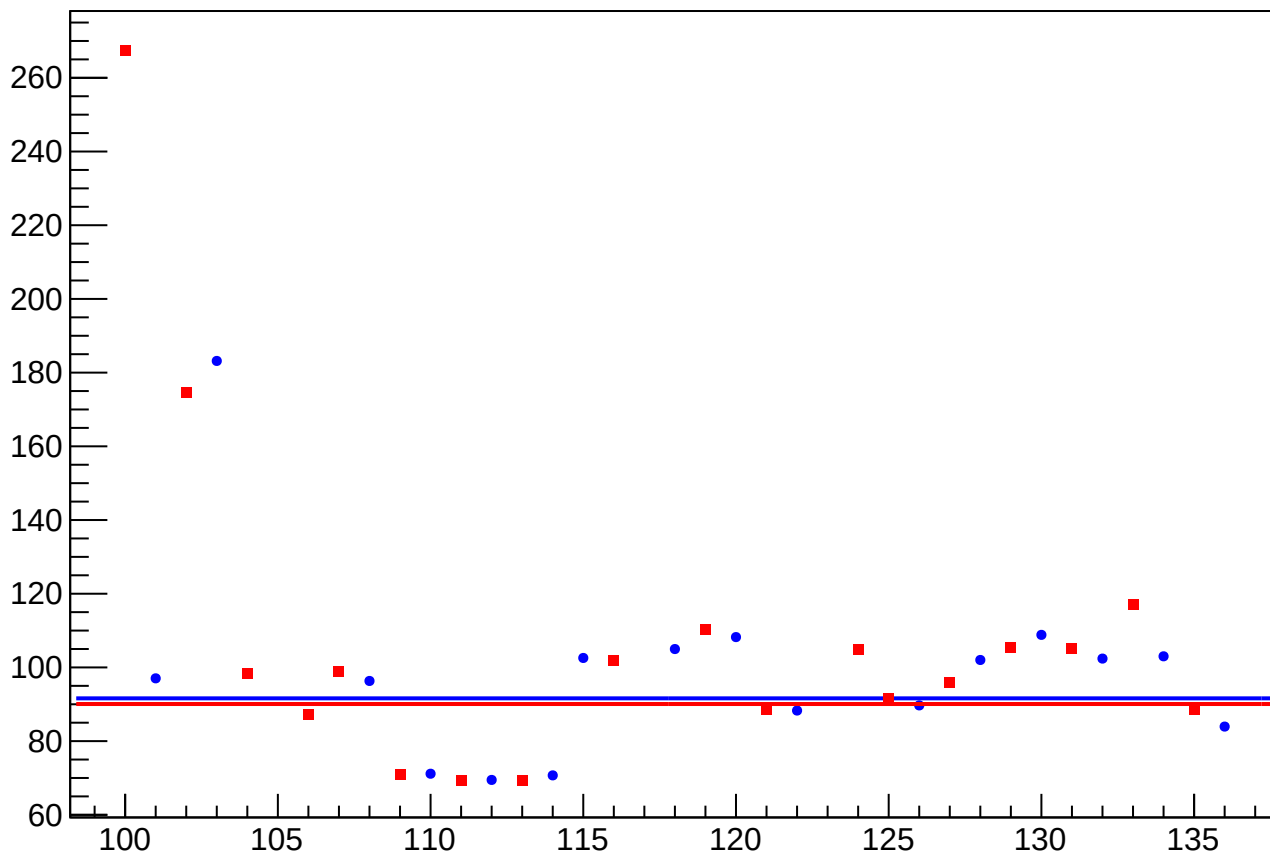
Right: -17.733 ± 24.742 χ^2/NDF : 41.9/33

In: -70.903 ± 35.122 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.733 ± 24.742 χ^2/NDF : 41.9/33

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: 90.070+/-0.025 χ^2/NDF : 743572.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

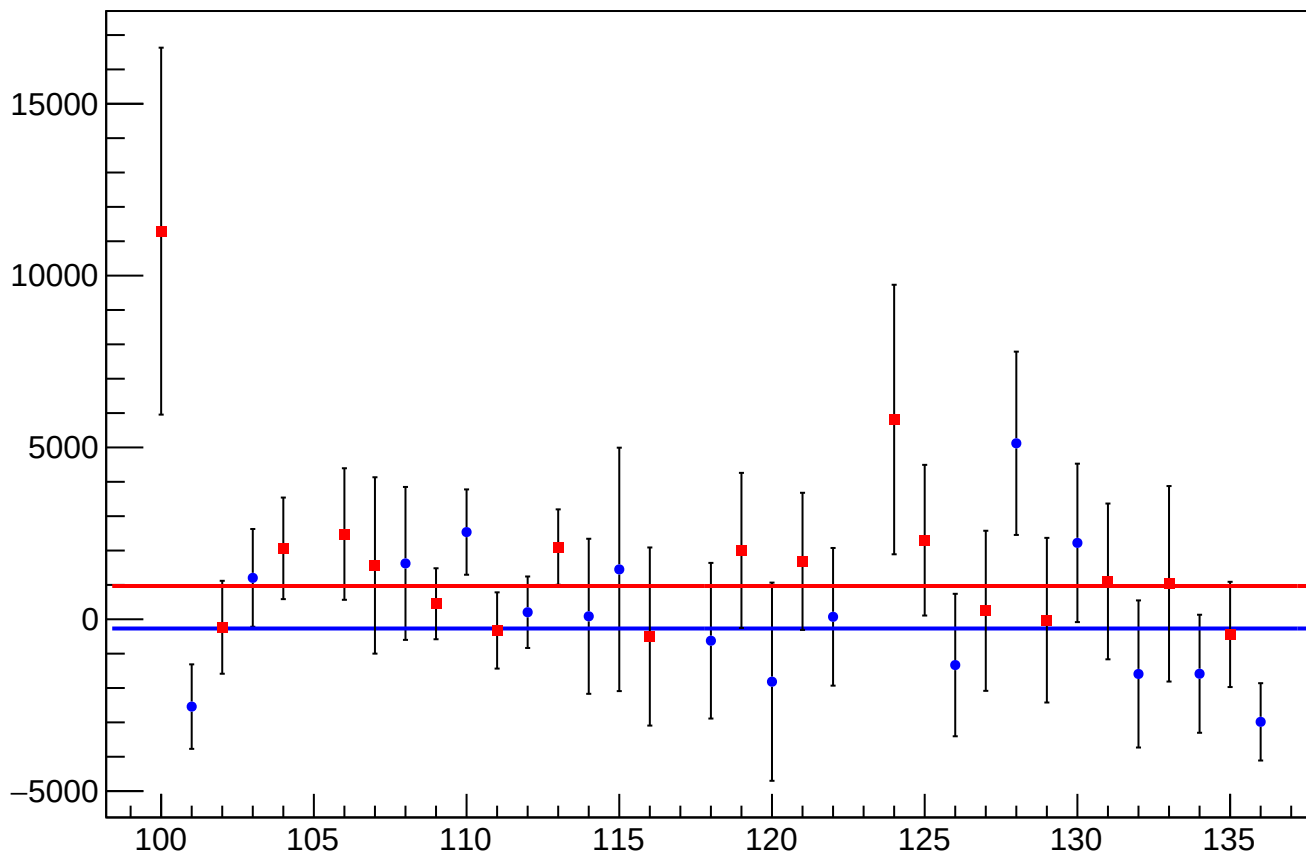
Right: 90.833+/-0.017 χ^2/NDF : 1326180.5/33

In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.833+/-0.017 χ^2/NDF : 1326180.5/33

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: 968.205+/-407.581 χ^2/NDF : 12.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

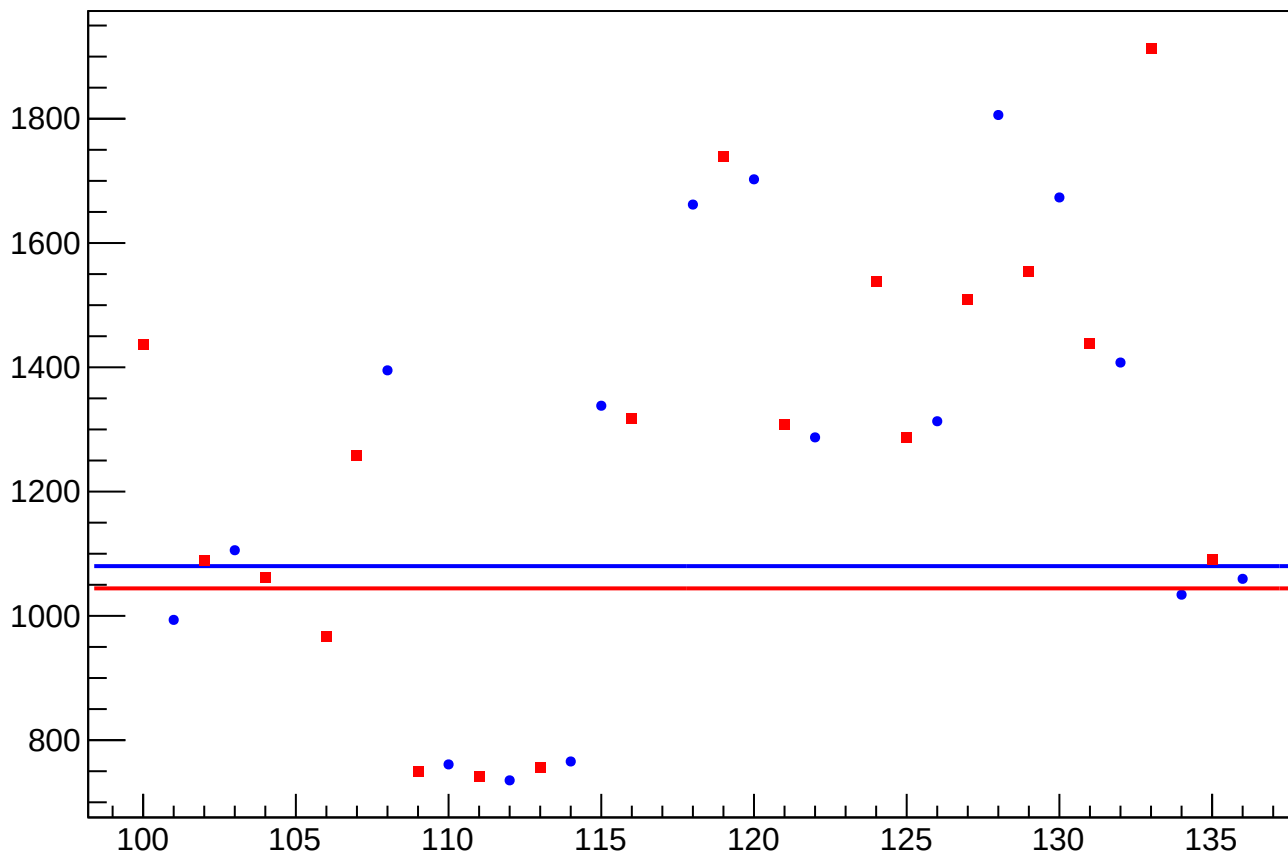
Right: 367.788+/-292.354 χ^2/NDF : 40.0/33

In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.788+/-292.354 χ^2/NDF : 40.0/33

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: 1044.230+/-0.288 χ^2/NDF : 1201727.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

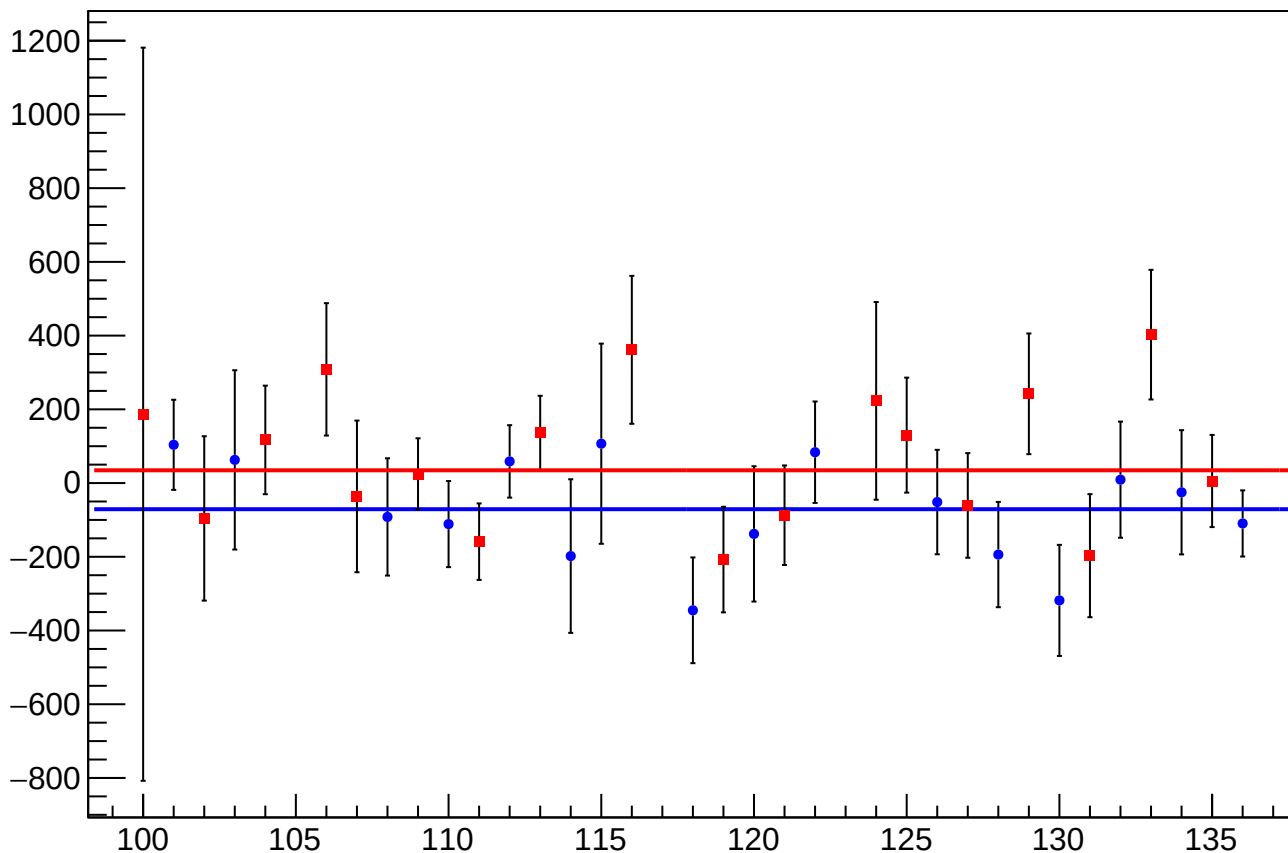
Right: 1061.622+/-0.207 χ^2/NDF : 2262703.5/33

In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.622+/-0.207 χ^2/NDF : 2262703.5/33

eigen_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: 34.646 ± 34.860 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

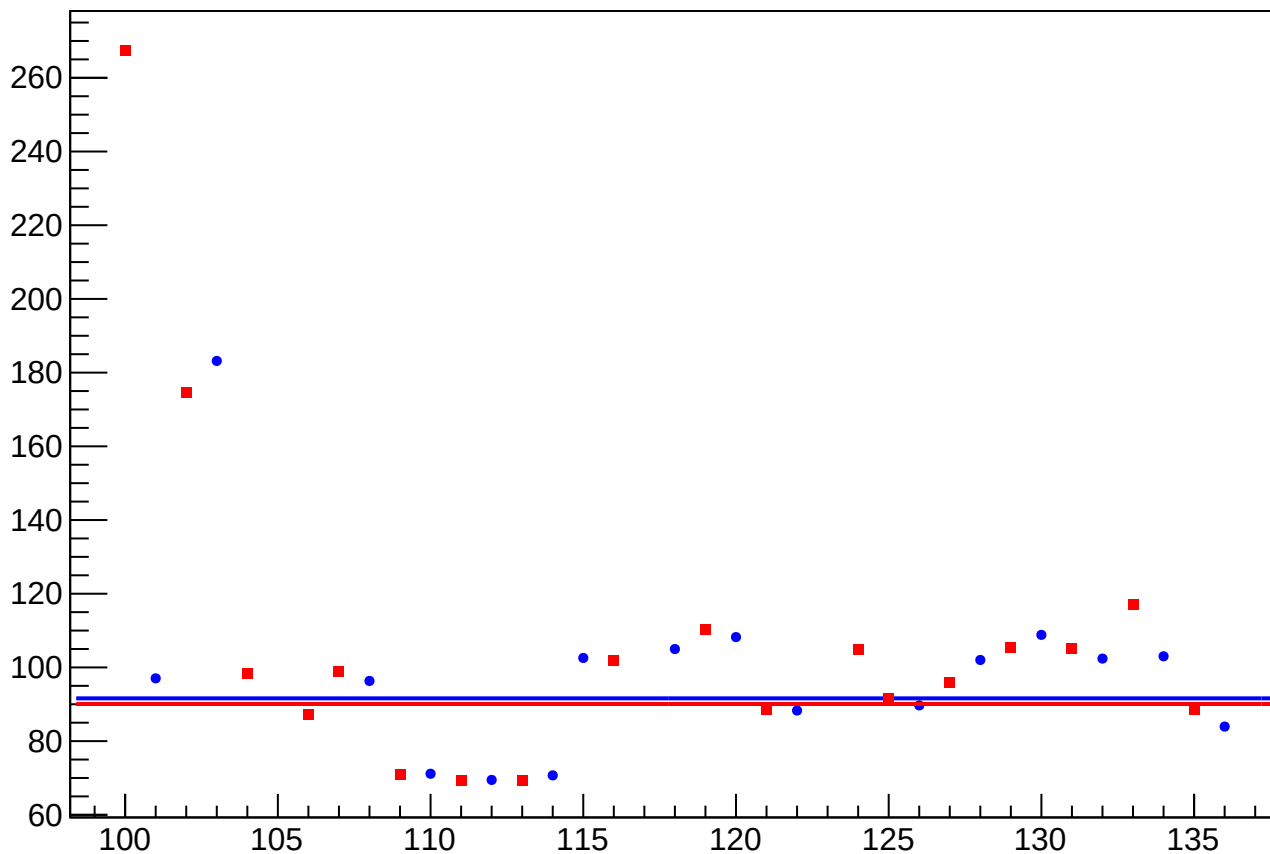
Right: -17.733 ± 24.742 χ^2/NDF : 41.9/33

In: -70.903 ± 35.122 χ^2/NDF : 14.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.733 ± 24.742 χ^2/NDF : 41.9/33

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: 90.070+/-0.025 χ^2/NDF : 743572.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

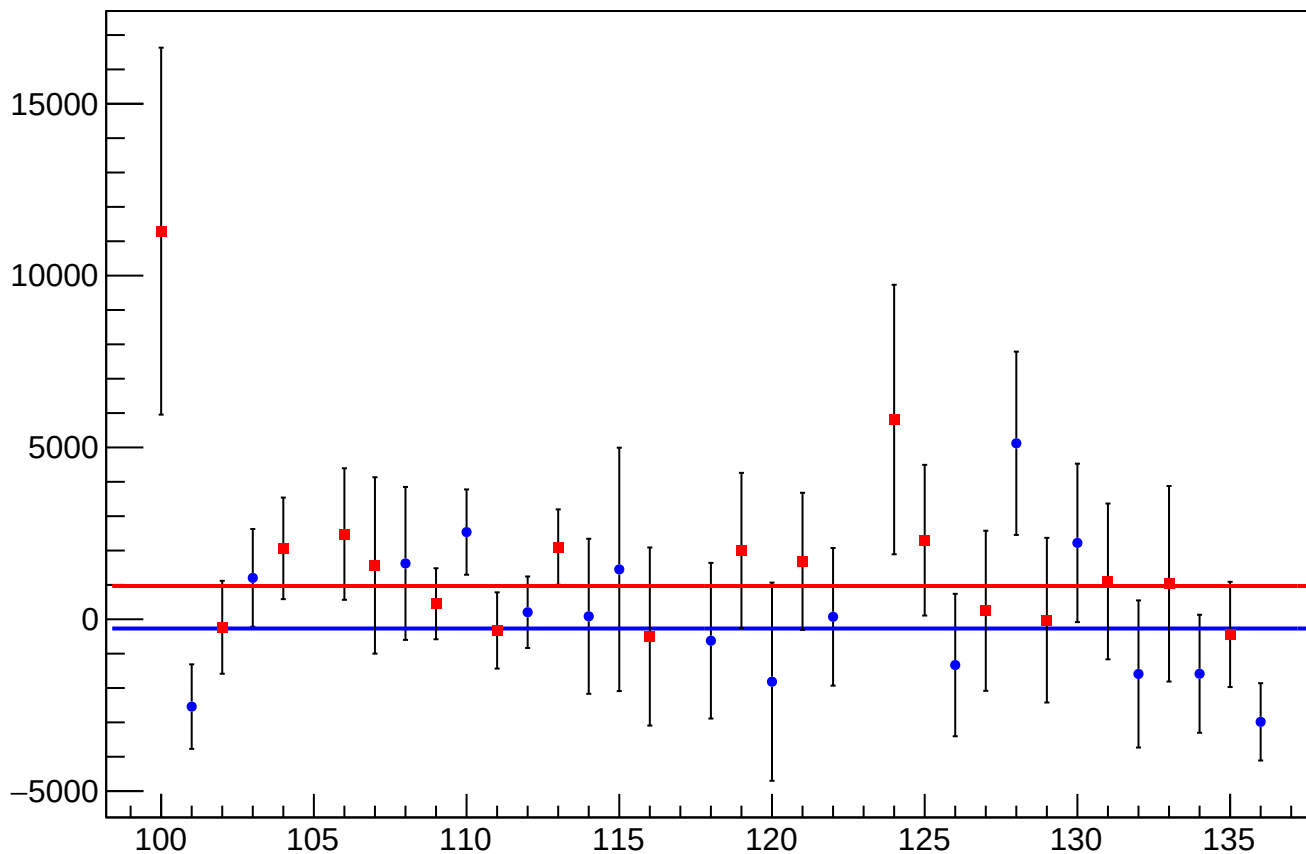
Right: 90.833+/-0.017 χ^2/NDF : 1326180.5/33

In: 91.608+/-0.025 χ^2/NDF : 580675.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.833+/-0.017 χ^2/NDF : 1326180.5/33

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: 968.205+/-407.581 χ^2/NDF : 12.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

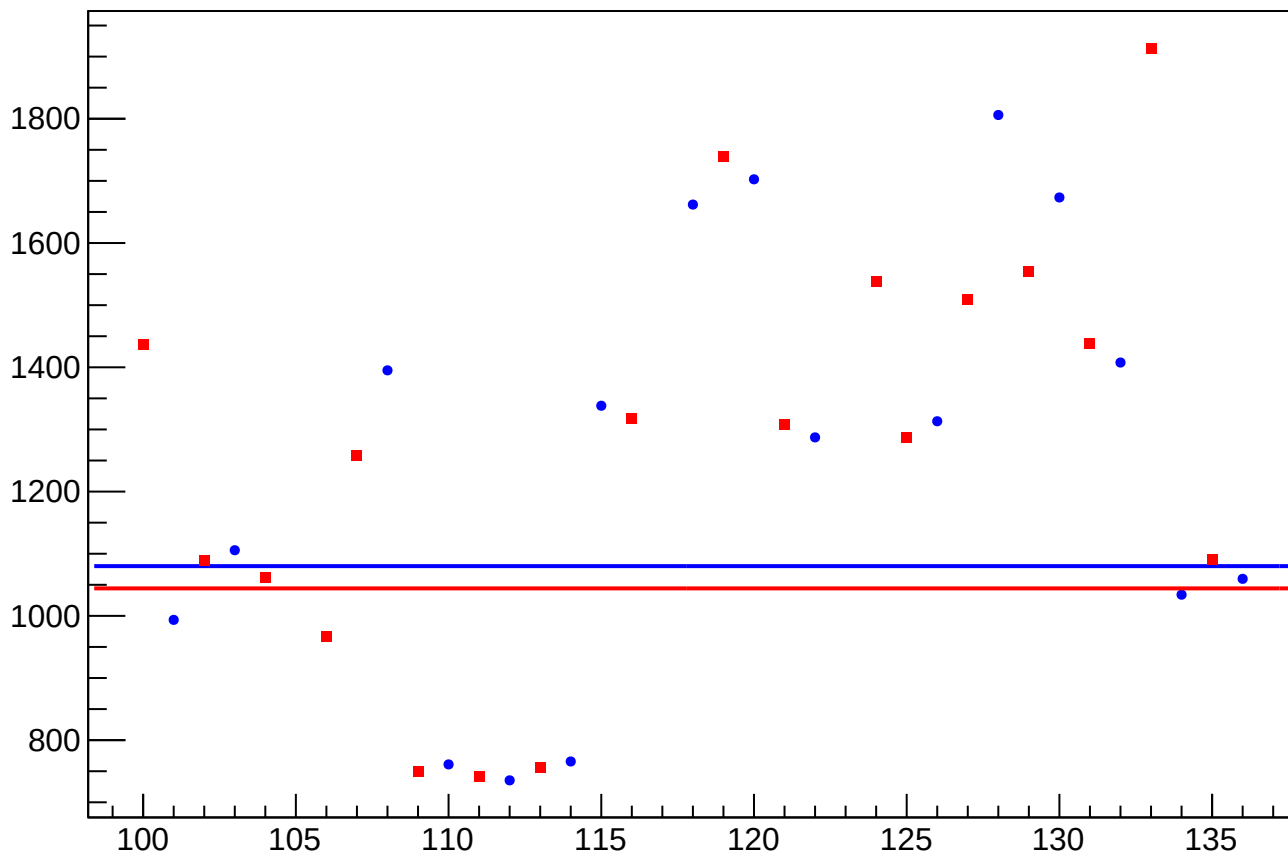
Right: 367.788+/-292.354 χ^2/NDF : 40.0/33

In: -268.506+/-419.581 χ^2/NDF : 23.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 367.788+/-292.354 χ^2/NDF : 40.0/33

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: 1044.230+/-0.288 χ^2/NDF : 1201727.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

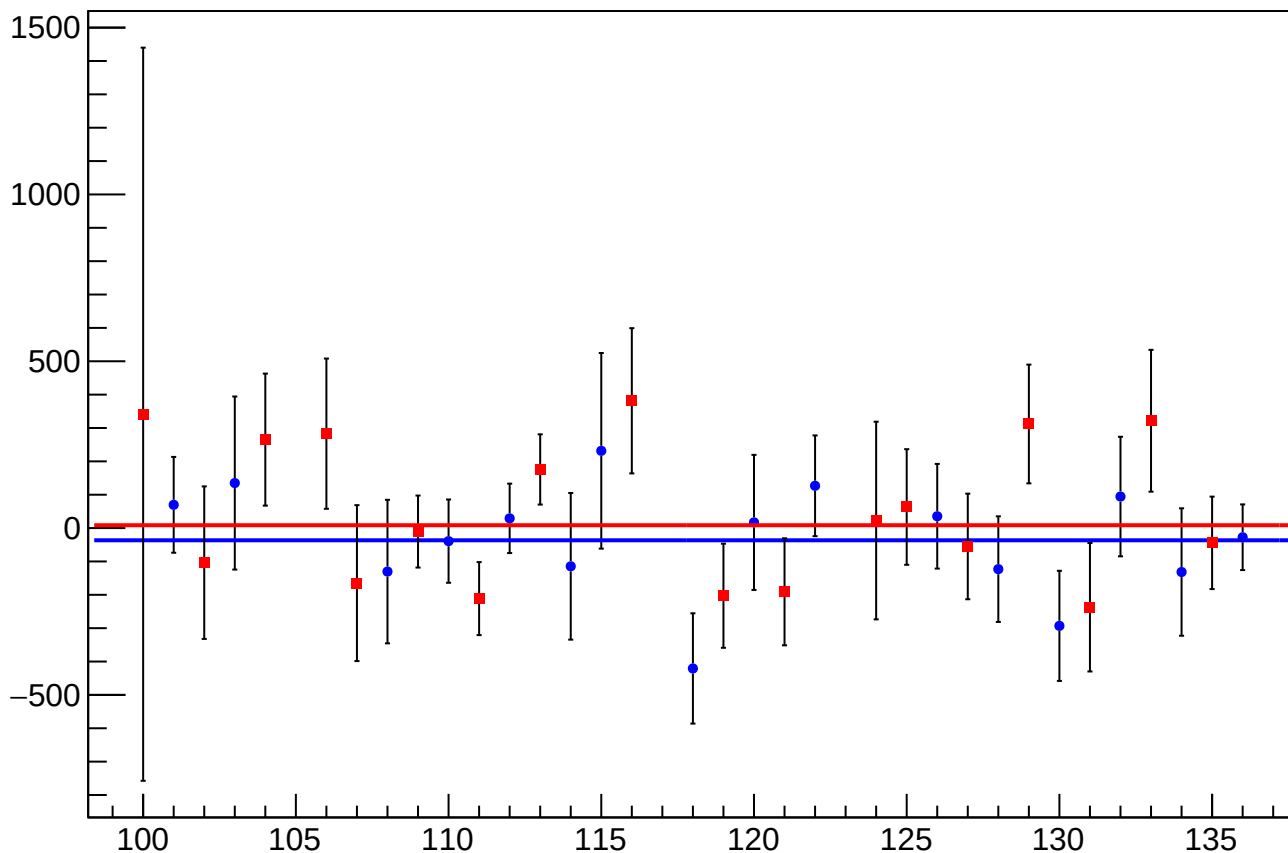
Right: 1061.622+/-0.207 χ^2/NDF : 2262703.5/33

In: 1080.054+/-0.297 χ^2/NDF : 1053475.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1061.622+/-0.207 χ^2/NDF : 2262703.5/33

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: 8.558 ± 38.875 χ^2/NDF : 24.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

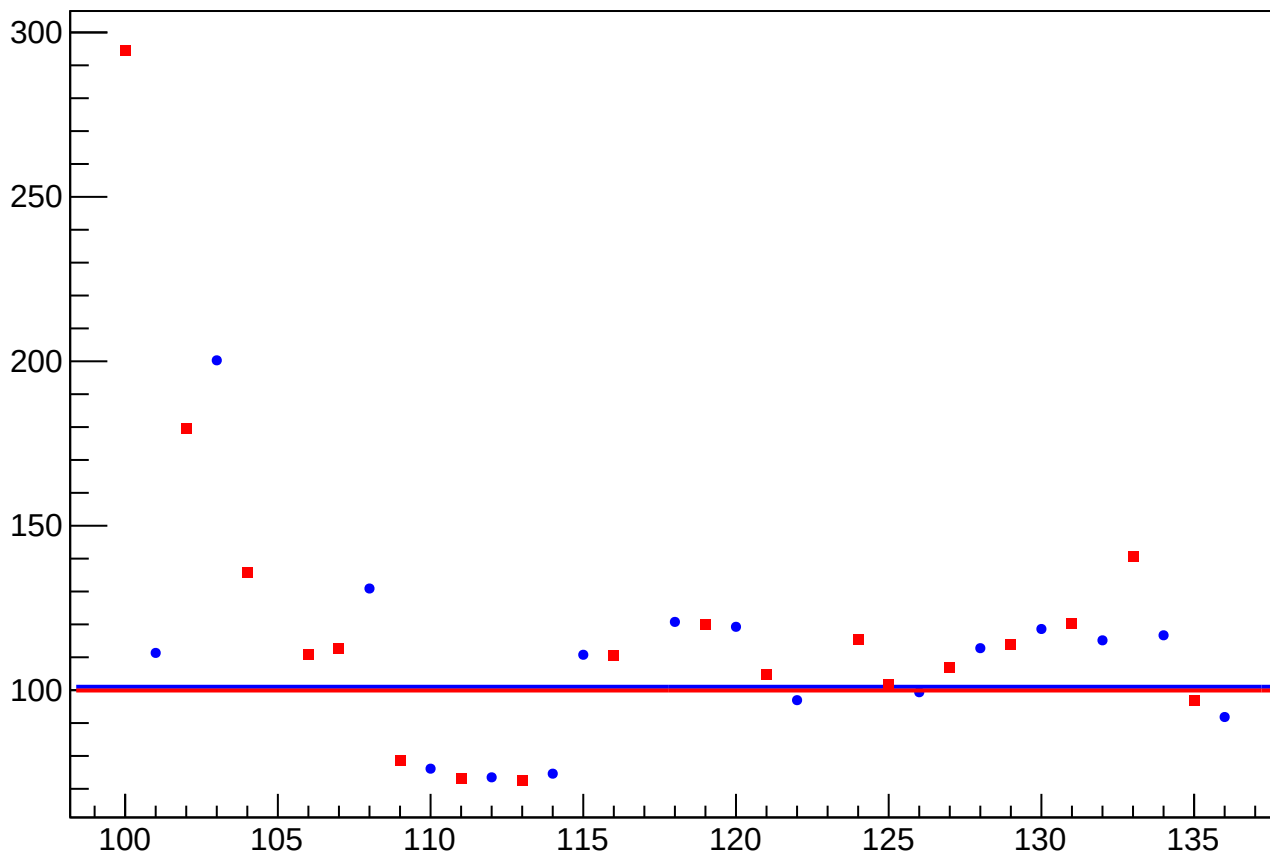
Right: -13.949 ± 27.530 χ^2/NDF : 37.7/33

In: -36.590 ± 38.991 χ^2/NDF : 12.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.949 ± 27.530 χ^2/NDF : 37.7/33

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: 99.899+/-0.027 χ^2/NDF : 875961.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

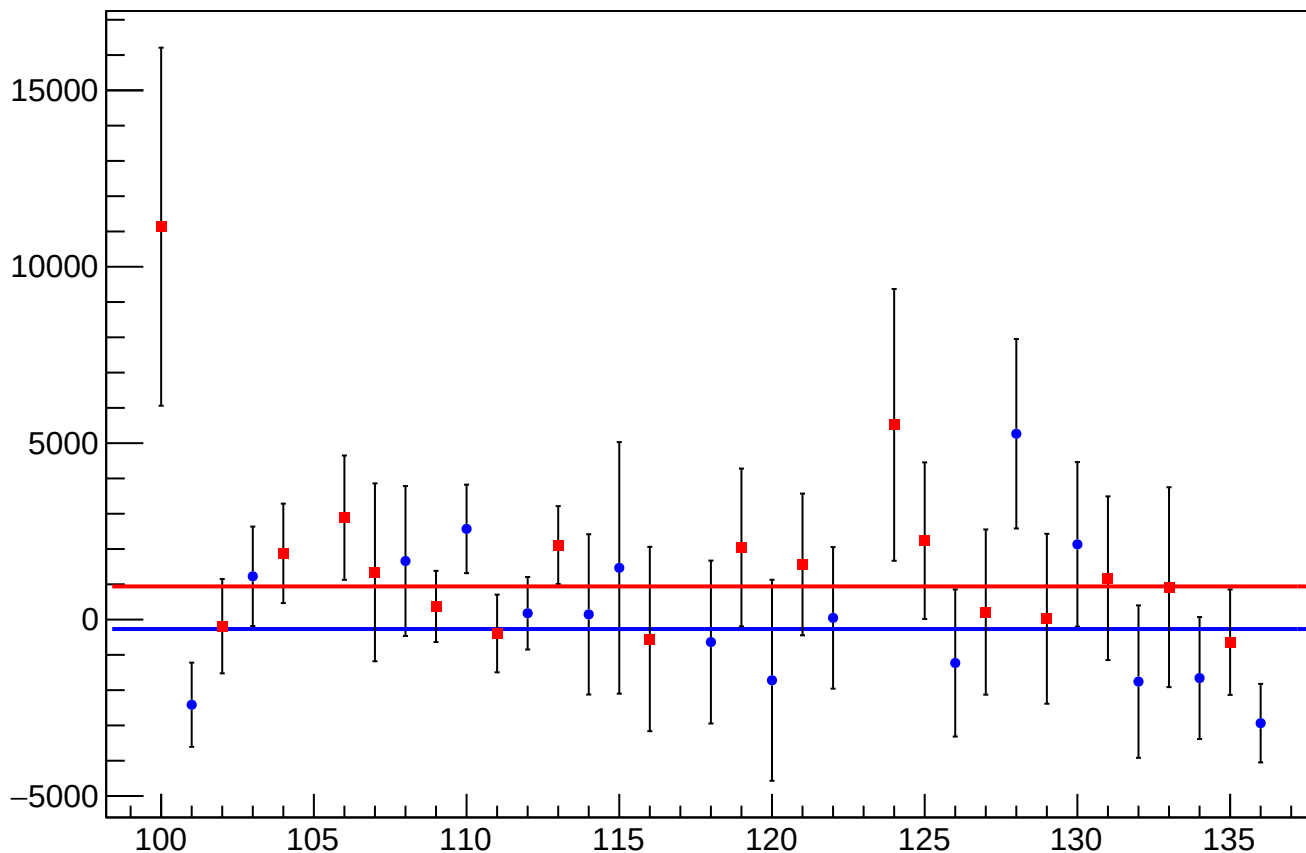
Right: 100.464+/-0.019 χ^2/NDF : 1592901.9/33

In: 101.031+/-0.028 χ^2/NDF : 716095.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.464+/-0.019 χ^2/NDF : 1592901.9/33

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: 940.294 ± 402.081 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

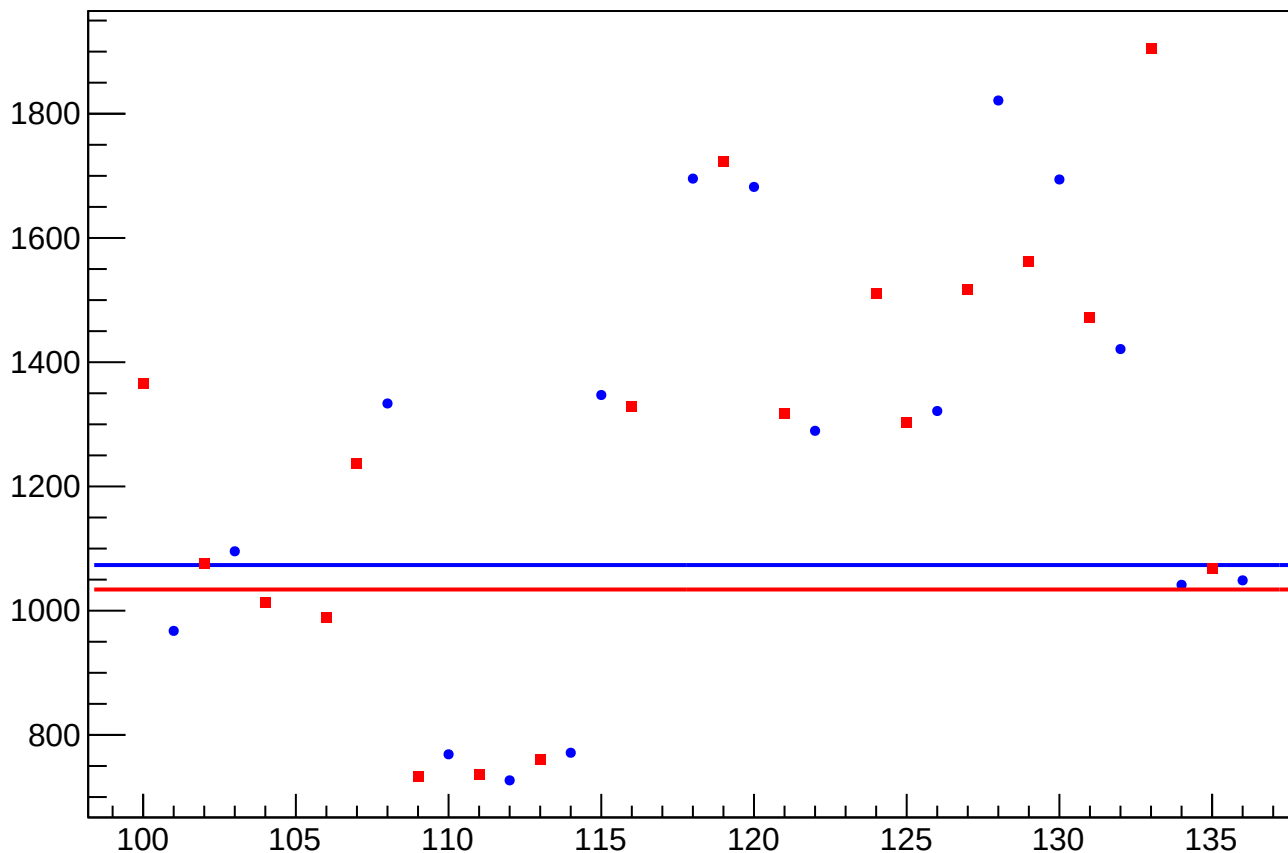
Right: 358.292 ± 289.465 χ^2/NDF : 40.9/33

In: -267.886 ± 417.061 χ^2/NDF : 23.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 358.292 ± 289.465 χ^2/NDF : 40.9/33

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: 1034.107+/-0.284 χ^2/NDF : 1229265.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

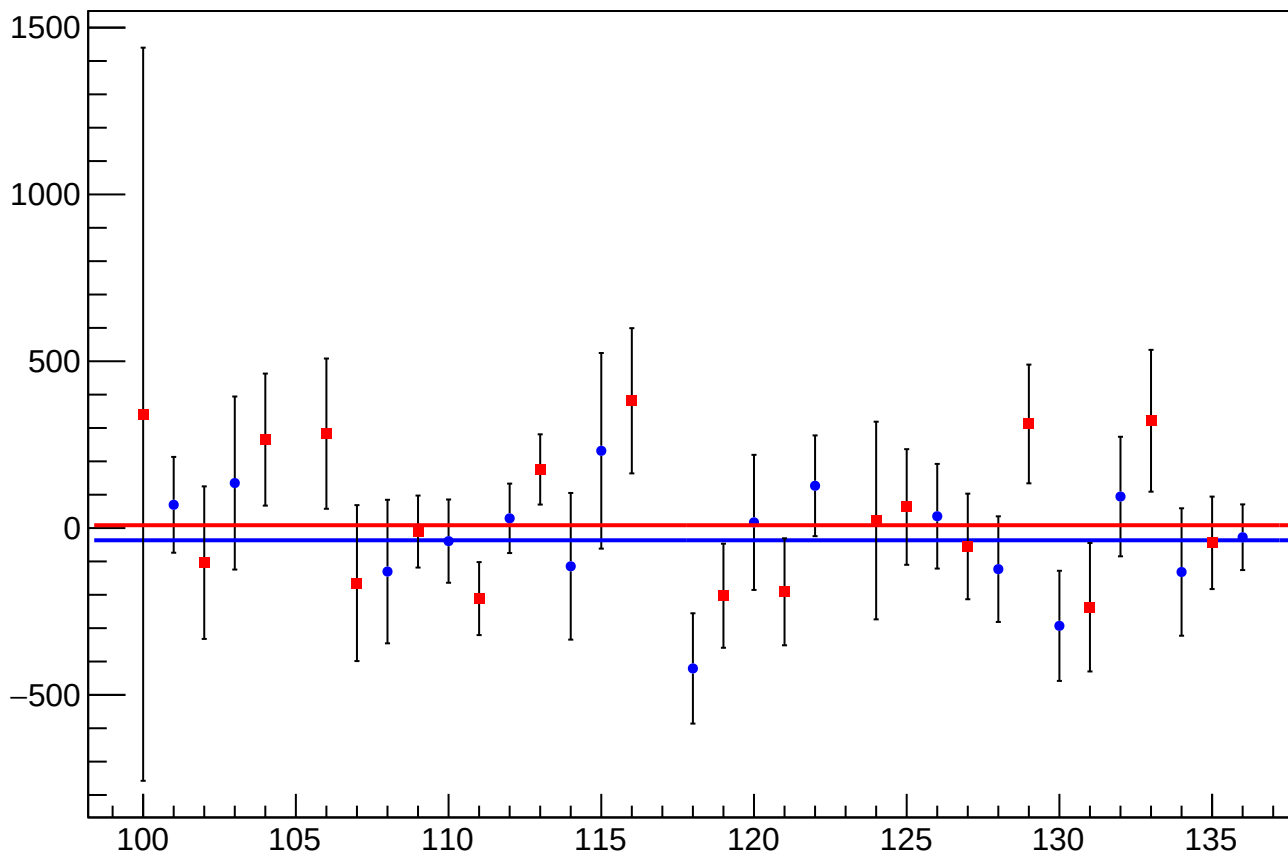
Right: 1053.062+/-0.205 χ^2/NDF : 2315548.4/33

In: 1073.456+/-0.295 χ^2/NDF : 1077055.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.062+/-0.205 χ^2/NDF : 2315548.4/33

eigen_dit_asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: -36.589 $\pm$ 38.991 χ^2 /NDF: 12.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 8.556 $\pm$ 38.875 χ^2 /NDF: 24.1/17

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

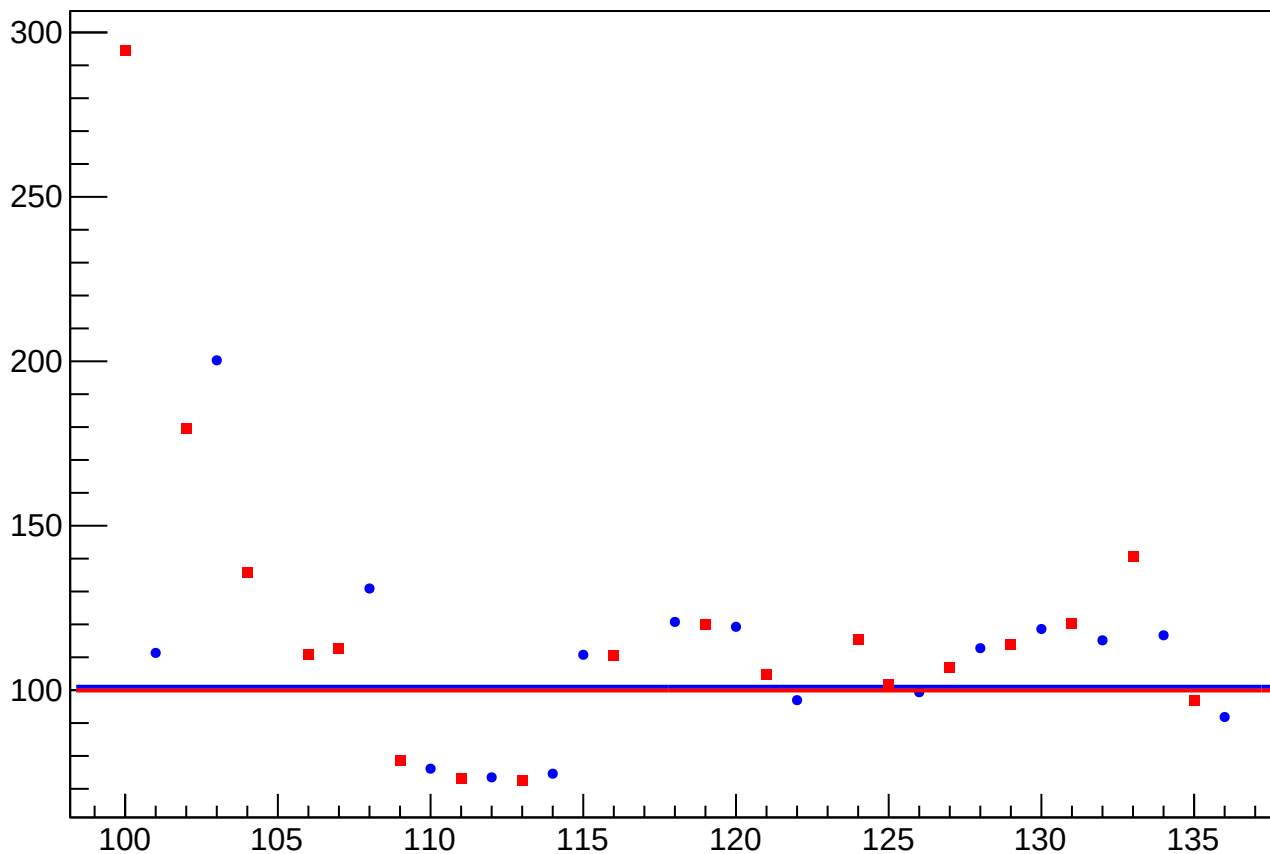
Right: -13.950 $\pm$ 27.530 χ^2 /NDF: 37.6/33

In: -36.589 $\pm$ 38.991 χ^2 /NDF:12.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -13.950 $\pm$ 27.530 χ^2 /NDF: 37.6/33

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: 99.900+/-0.027 χ^2/NDF : 875963.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

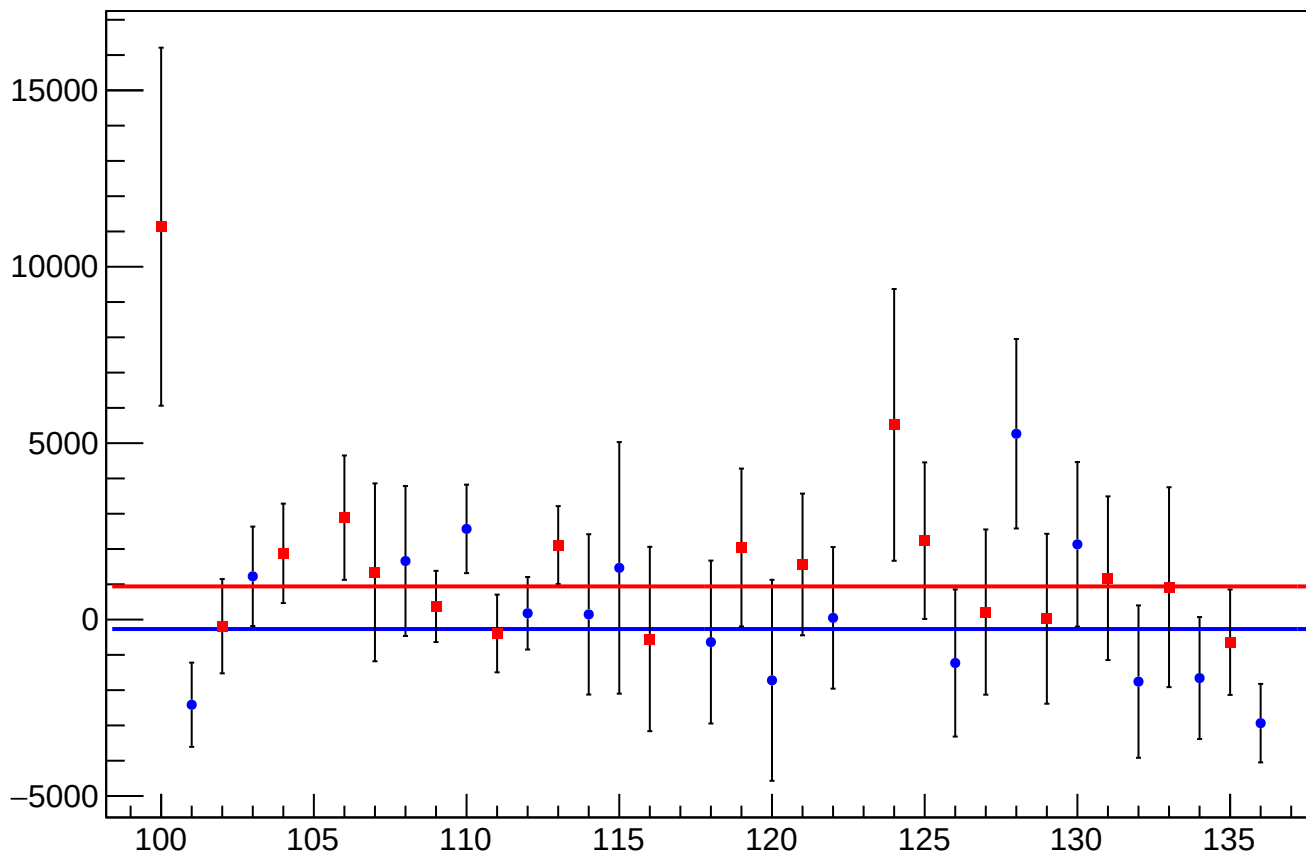
Right: 100.464+/-0.019 χ^2/NDF : 1592902.4/33

In: 101.031+/-0.028 χ^2/NDF : 716094.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 100.464+/-0.019 χ^2/NDF : 1592902.4/33

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -267.885 $\pm$ 417.061 χ^2 /NDF: 23.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 940.292 $\pm$ 402.080 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

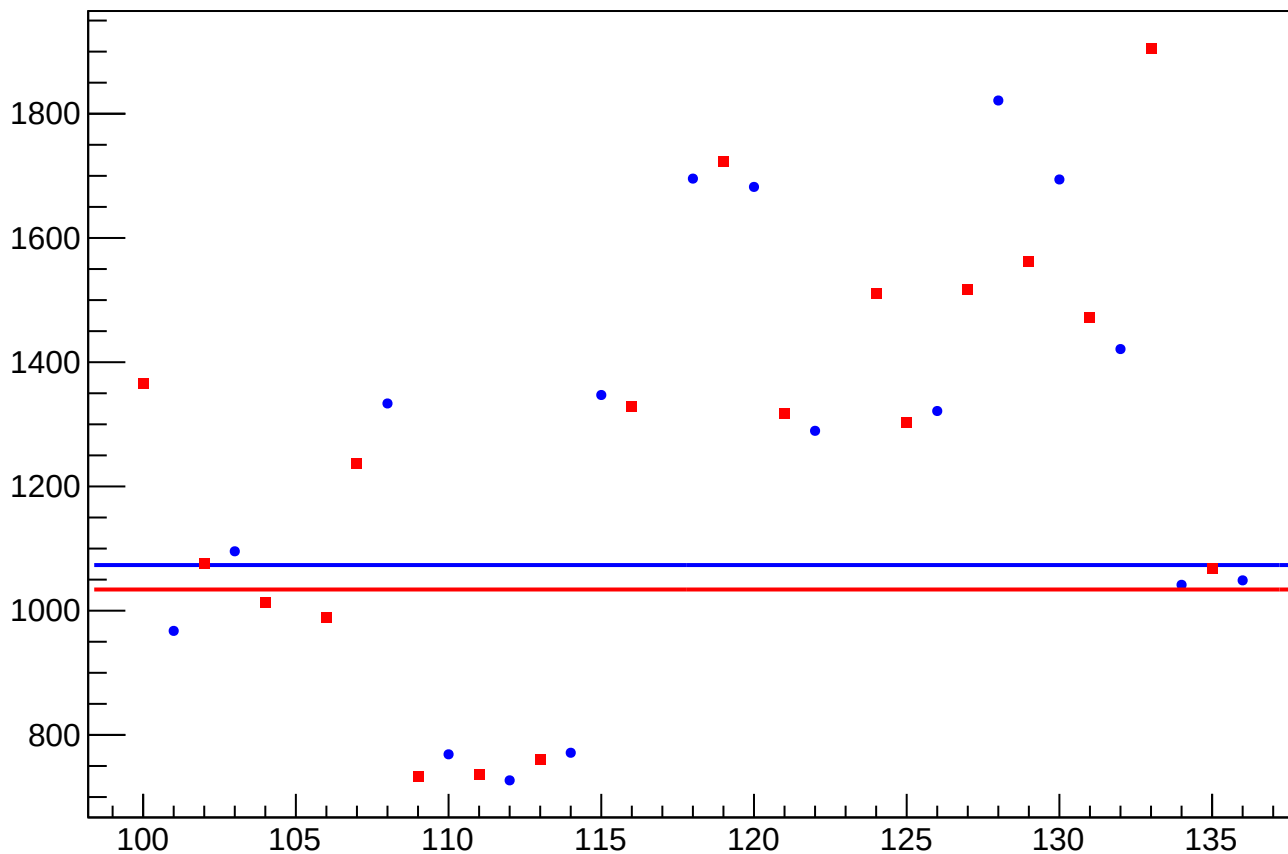
Right: 358.291 $\pm$ 289.465 χ^2 /NDF: 40.9/33

In: -267.885 $\pm$ 417.061 χ^2 /NDF:23.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 358.291 $\pm$ 289.465 χ^2 /NDF: 40.9/33

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: 1034.105+/-0.284 χ^2/NDF : 1229268.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

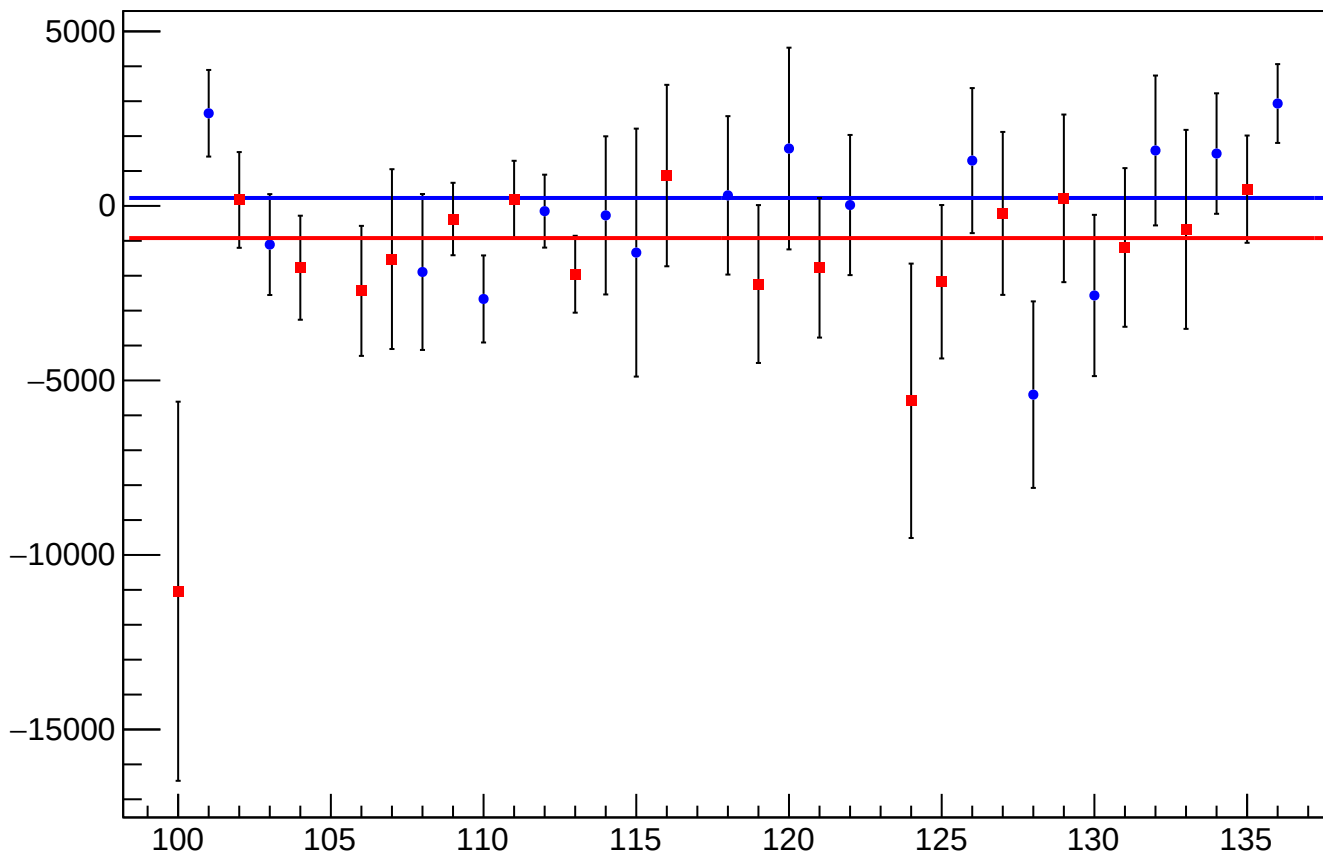
Right: 1053.060+/-0.205 χ^2/NDF : 2315556.7/33

In: 1073.454+/-0.295 χ^2/NDF : 1077061.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1053.060+/-0.205 χ^2/NDF : 2315556.7/33

asym_sam_3748_avg_mean vs Slug, Sign Corrected



Right In: 227.502+/-421.838 χ^2/NDF : 24.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -921.194+/-409.080 χ^2/NDF : 11.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

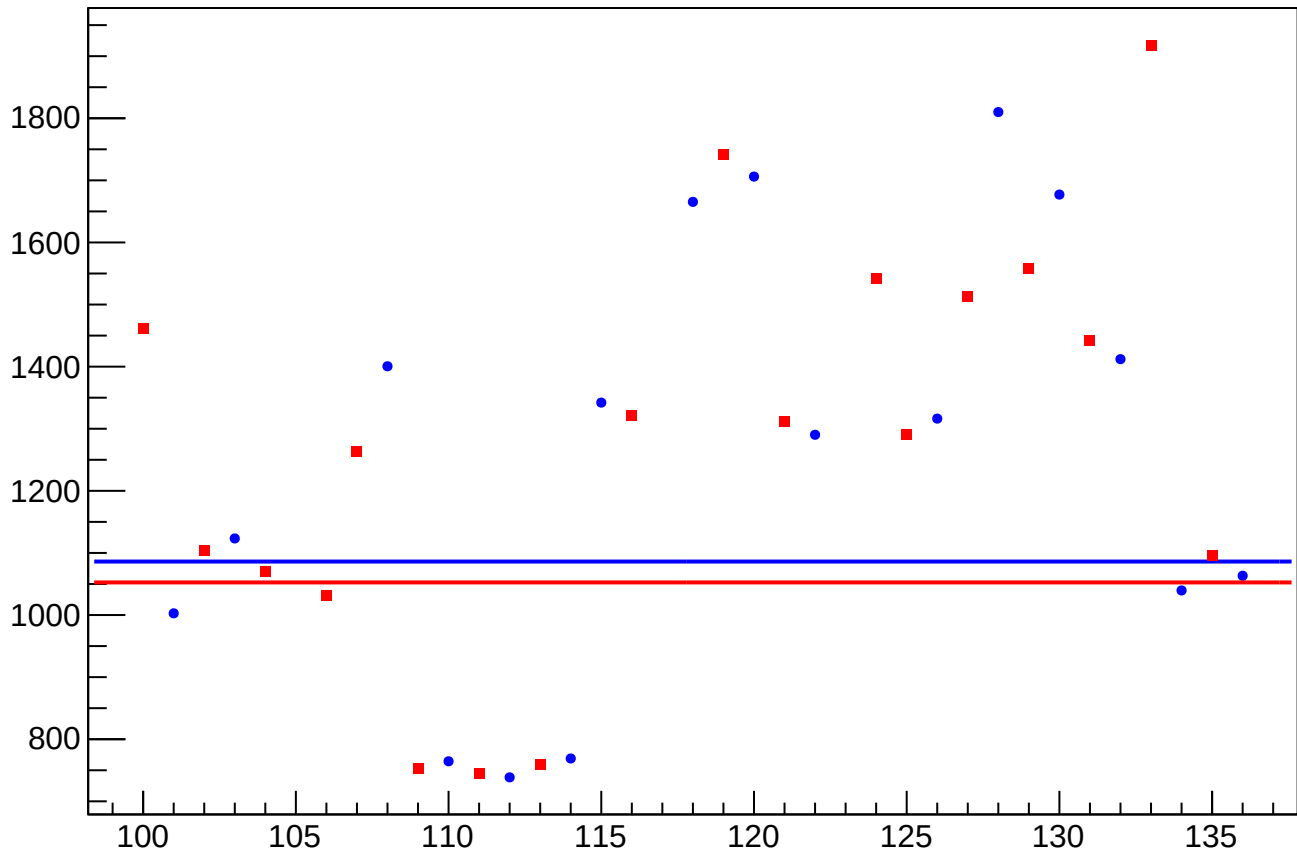
Right: -364.479+/-293.670 χ^2/NDF : 39.4/33

In: 227.502+/-421.838 χ^2/NDF : 24.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -364.479+/-293.670 χ^2/NDF : 39.4/33

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: 1052.490+/-0.289 χ^2/NDF : 1194373.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

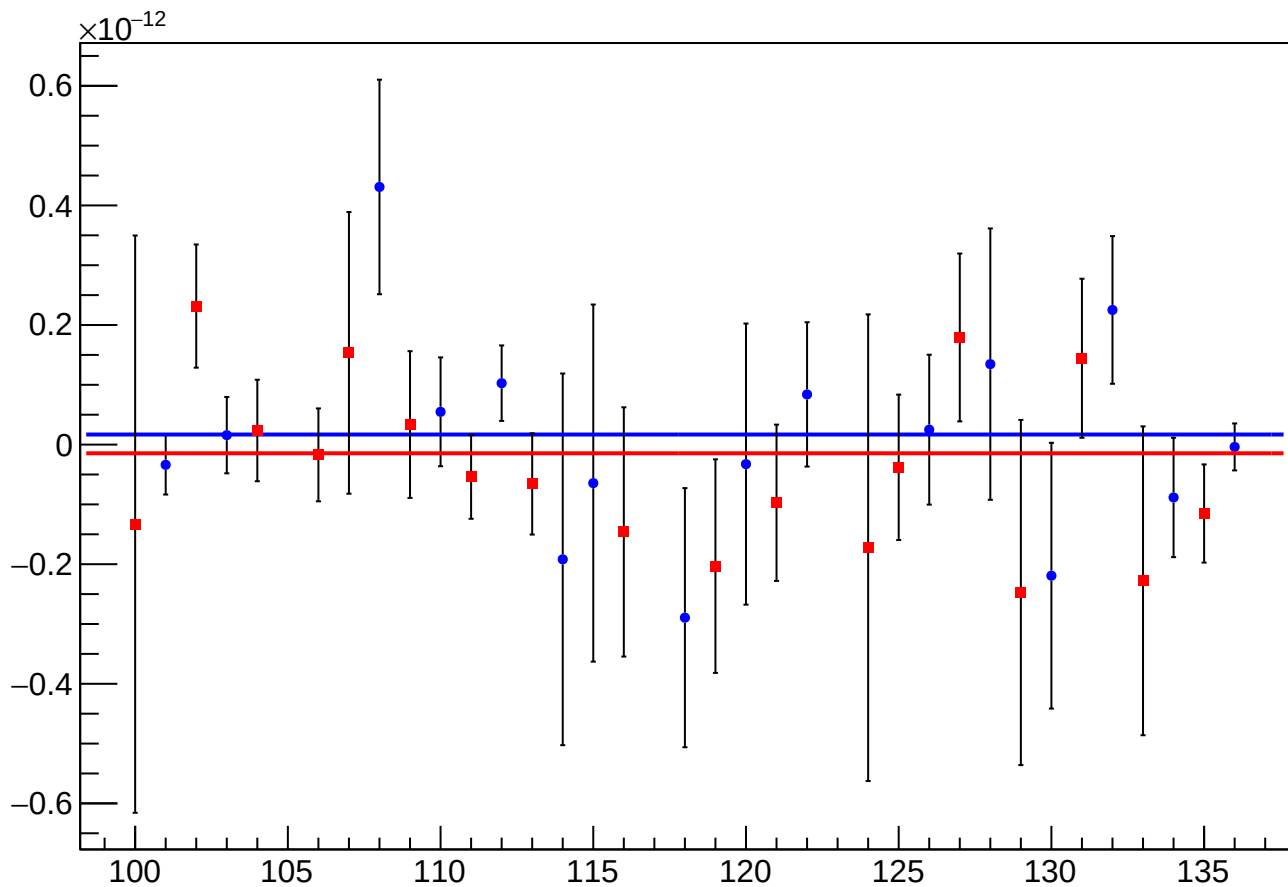
Right: 1068.797+/-0.208 χ^2/NDF : 2248410.2/33

In: 1086.137+/-0.298 χ^2/NDF : 1047479.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1068.797+/-0.208 χ^2/NDF : 2248410.2/33

asym_sam_3748_avg_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 : 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

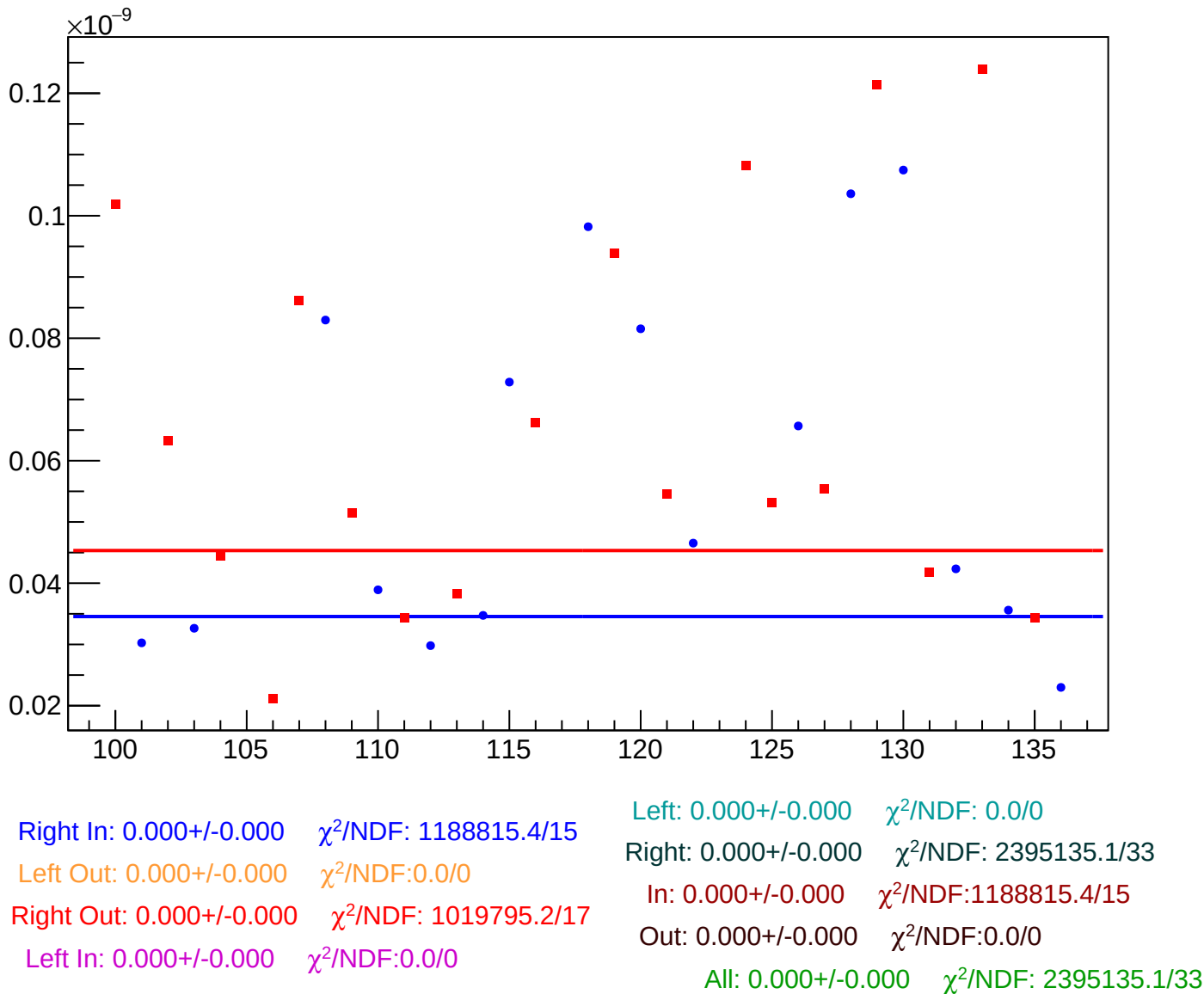
Right: 0.000+/-0.000 χ^2/NDF : 33.3/33

In: 0.000+/-0.000 χ^2/NDF : 16.9/15

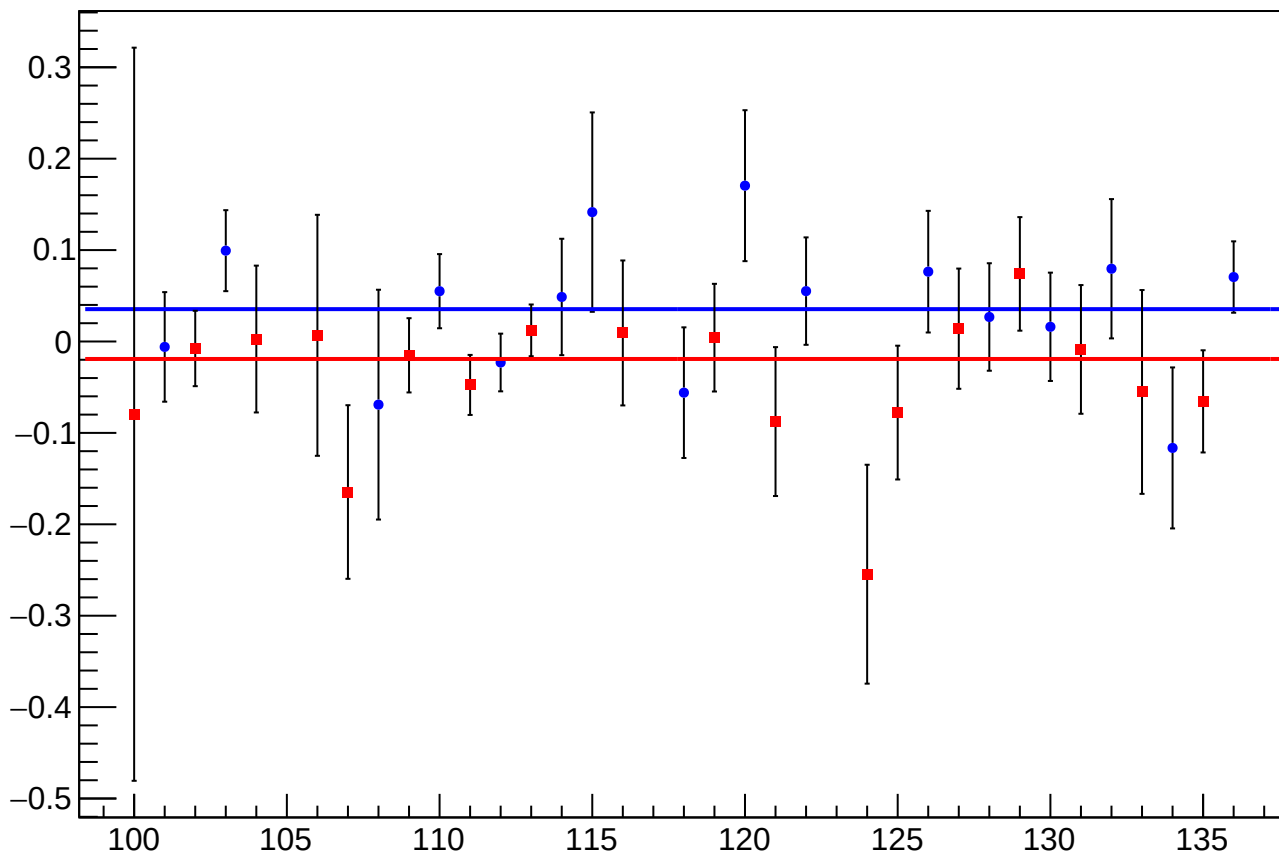
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 33.3/33

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug, Sign Corrected



asym_sam_3748_avg_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: 13.4/17

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

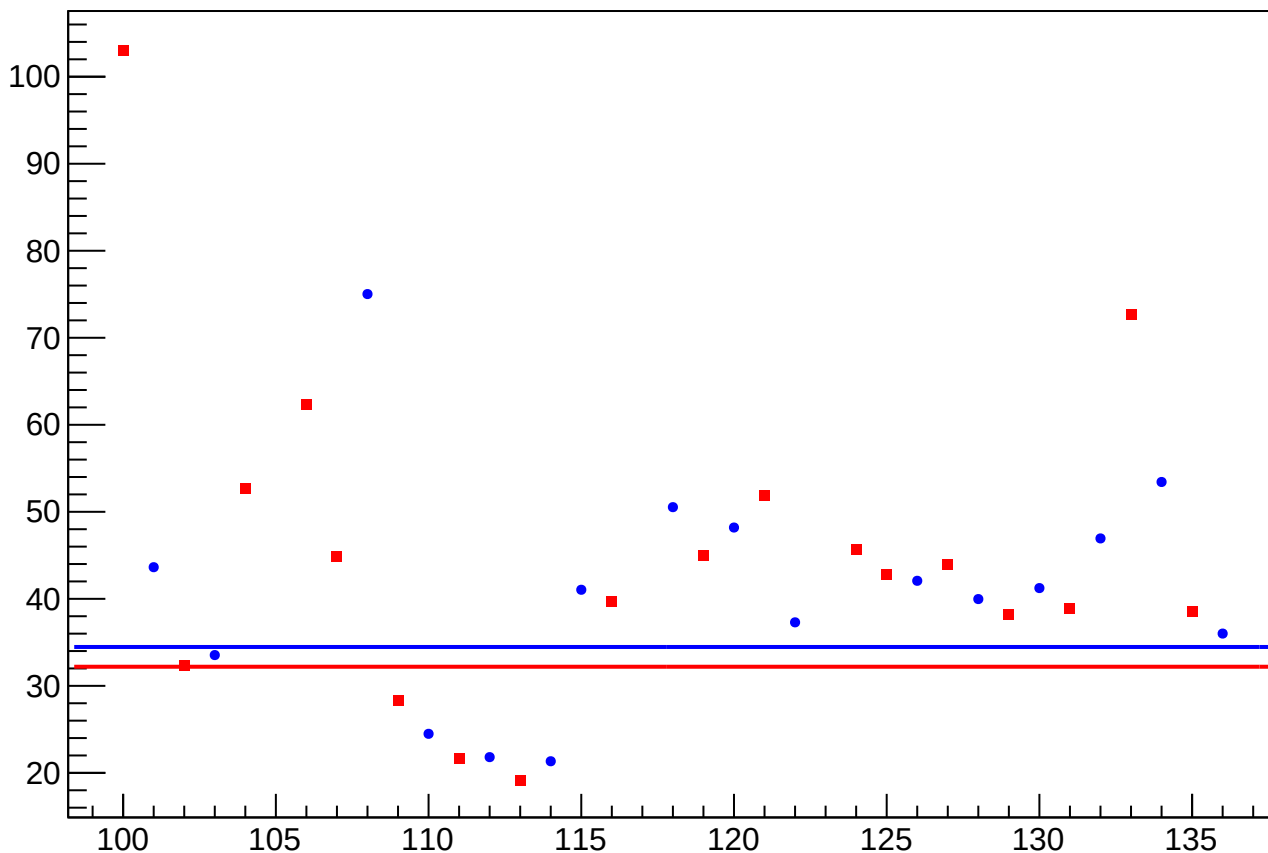
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 32.197+/-0.009 χ^2/NDF : 1669428.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

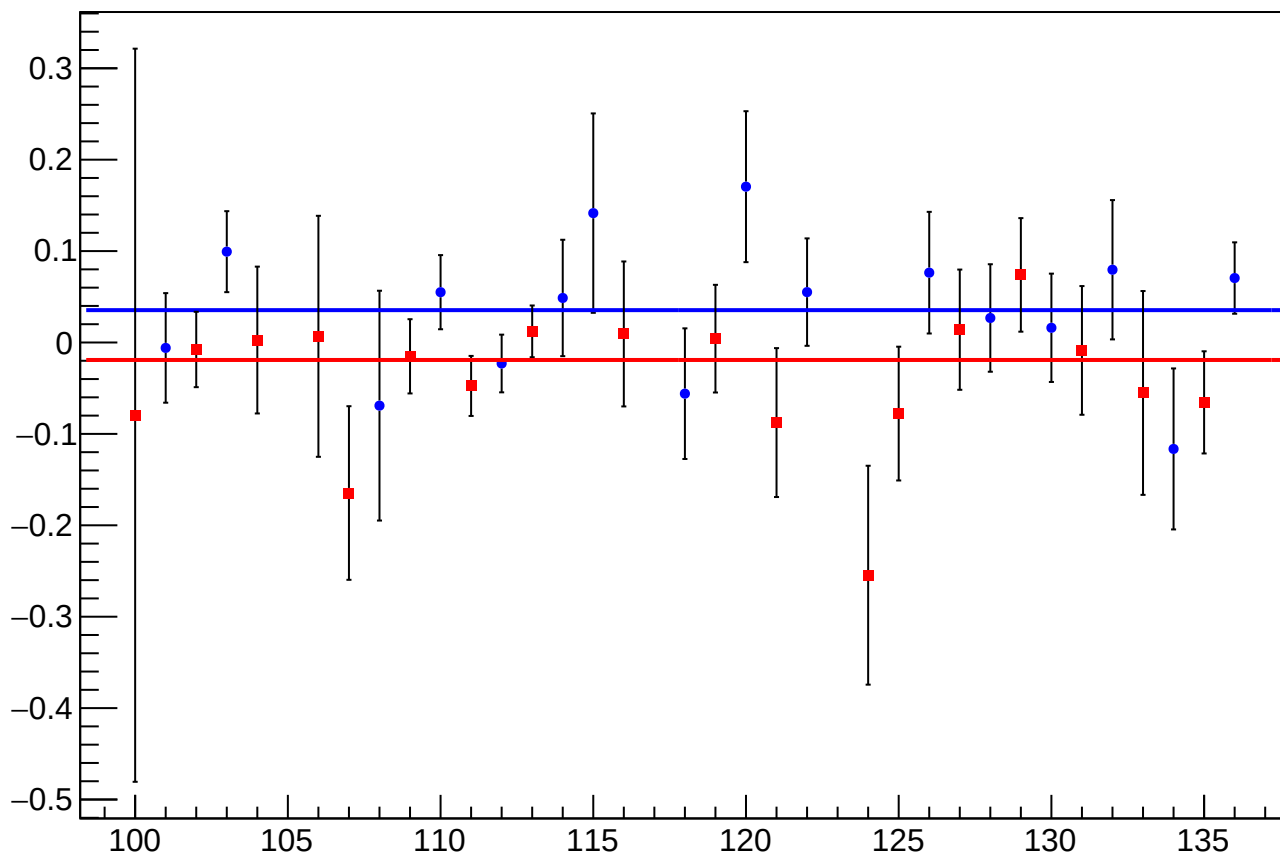
Right: 33.284+/-0.007 χ^2/NDF : 2868518.1/33

In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.284+/-0.007 χ^2/NDF : 2868518.1/33

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.035+/-0.014 χ^2/NDF : 16.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.019+/-0.013 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

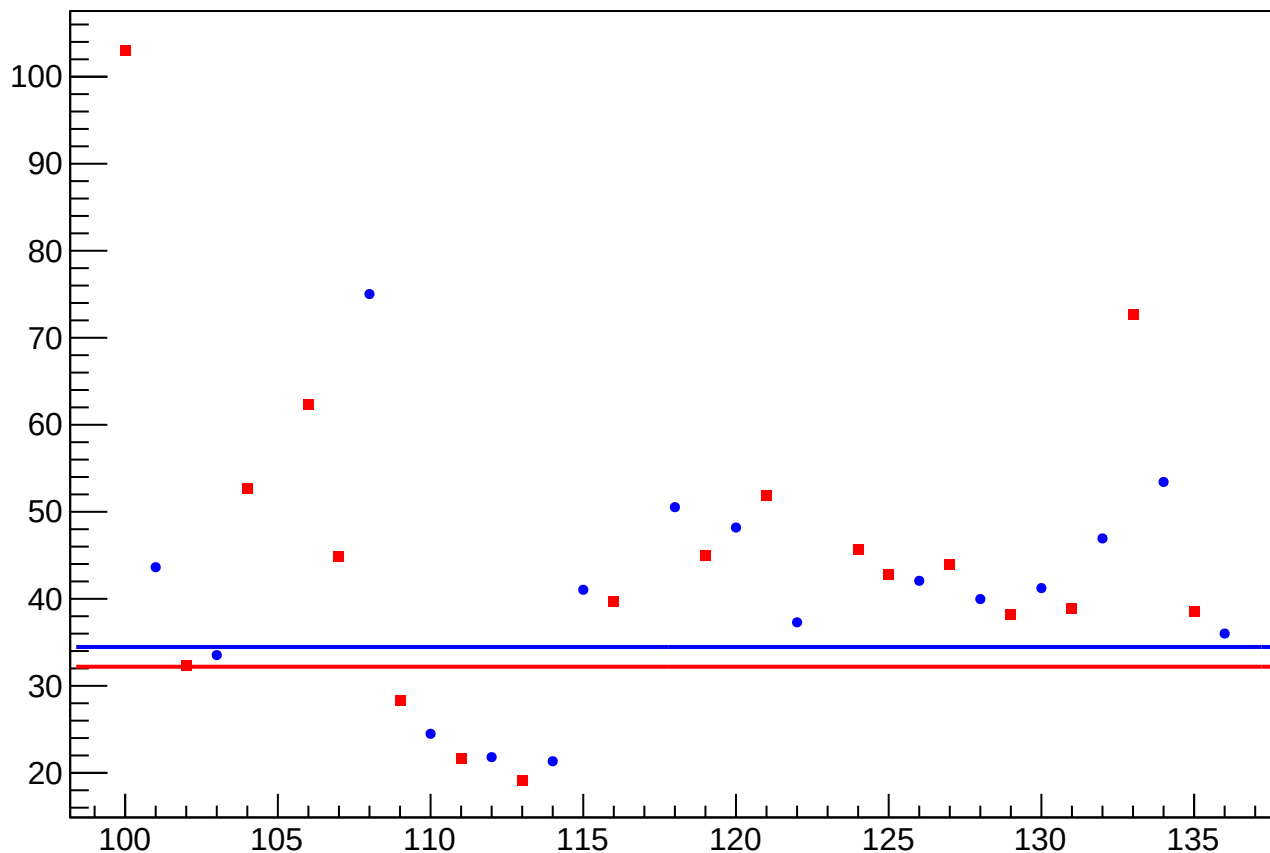
Right: 0.007+/-0.010 χ^2/NDF : 38.3/33

In: 0.035+/-0.014 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.010 χ^2/NDF : 38.3/33

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: 32.197+/-0.009 χ^2/NDF : 1669428.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

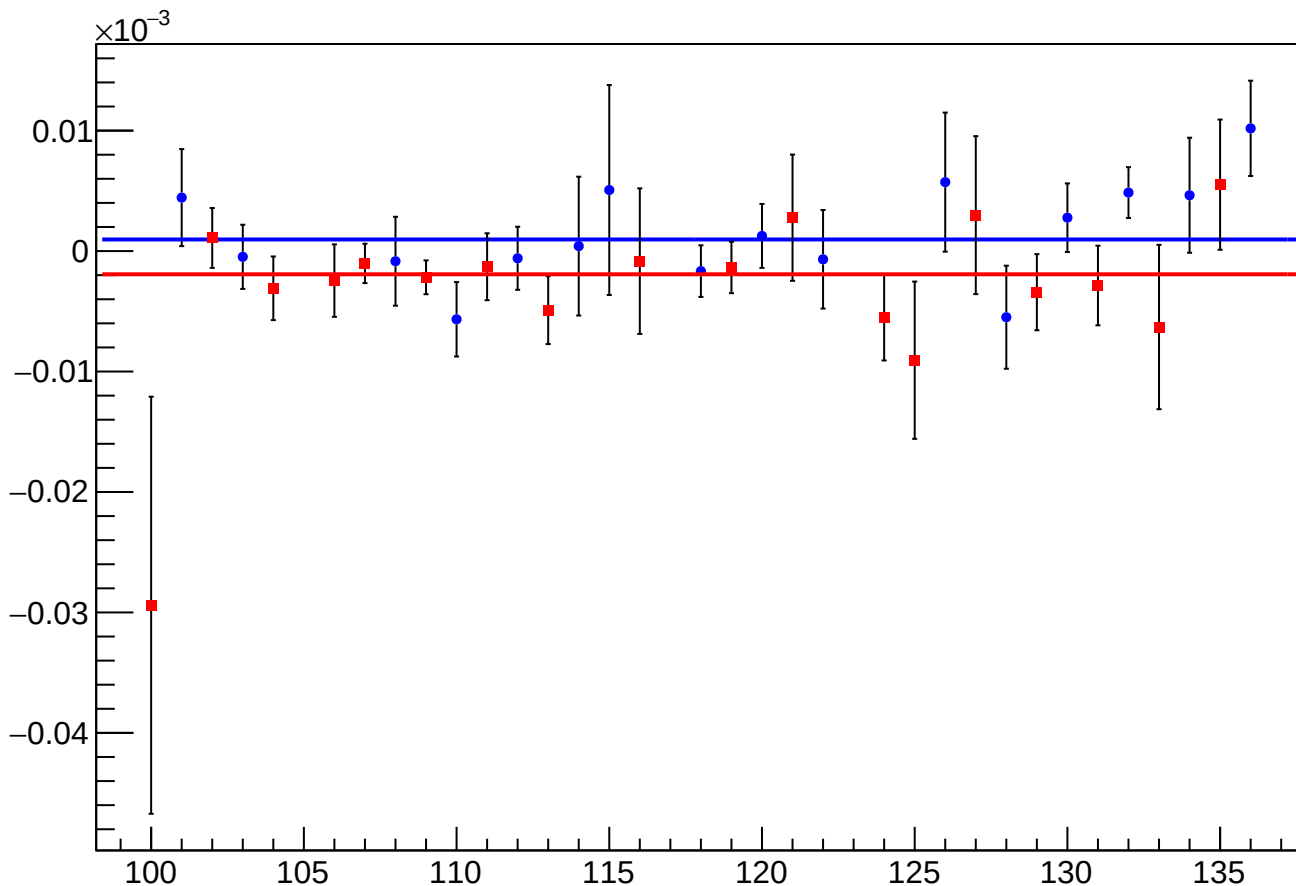
Right: 33.284+/-0.007 χ^2/NDF : 2868518.1/33

In: 34.468+/-0.010 χ^2/NDF : 1171203.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.284+/-0.007 χ^2/NDF : 2868518.1/33

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 : 12.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

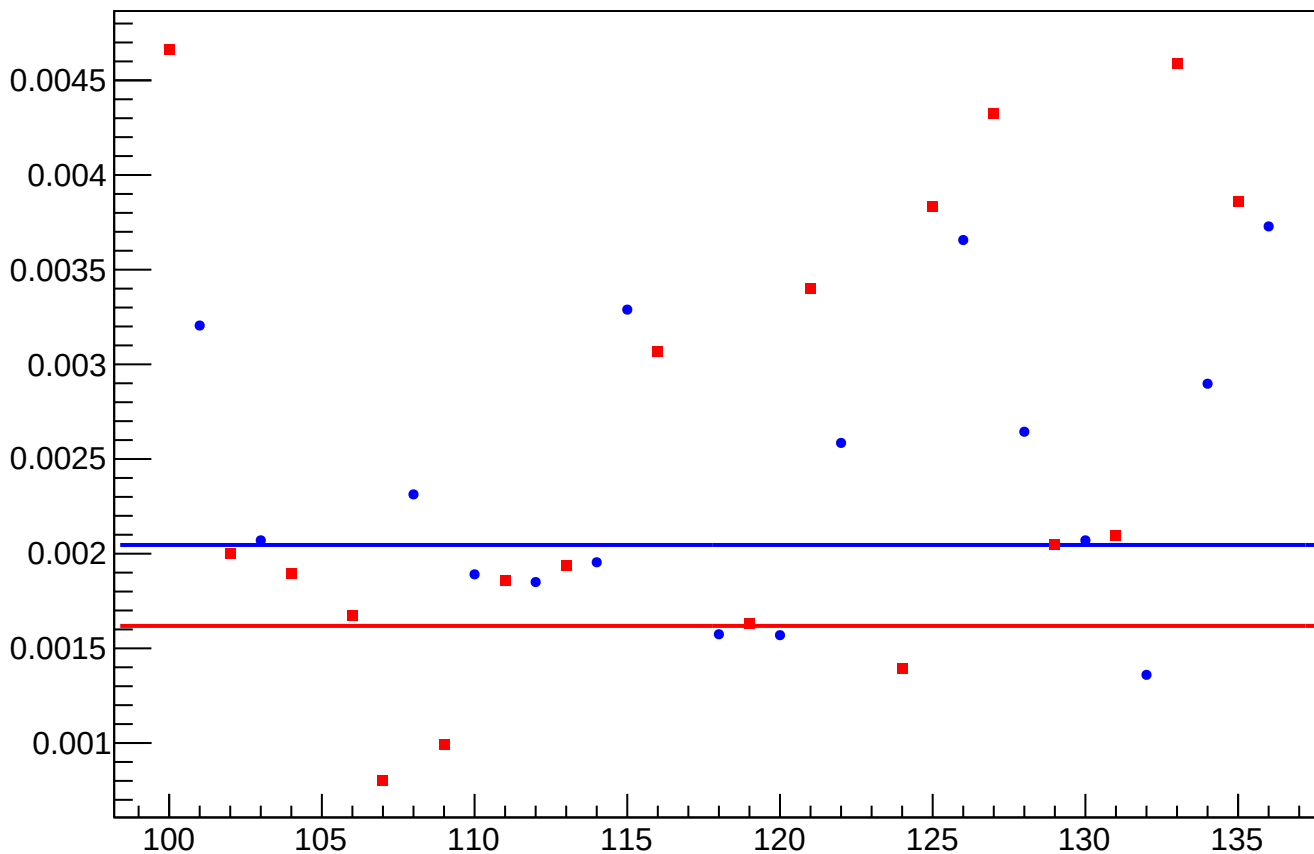
Right: -0.000+/-0.000 χ^2/NDF : 40.5/33

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 : 40.5/33

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 : 2795727.1/17

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 : 4386702.2/33

In: 0.002+/-0.000

χ^2/NDF : 1260485.9/15

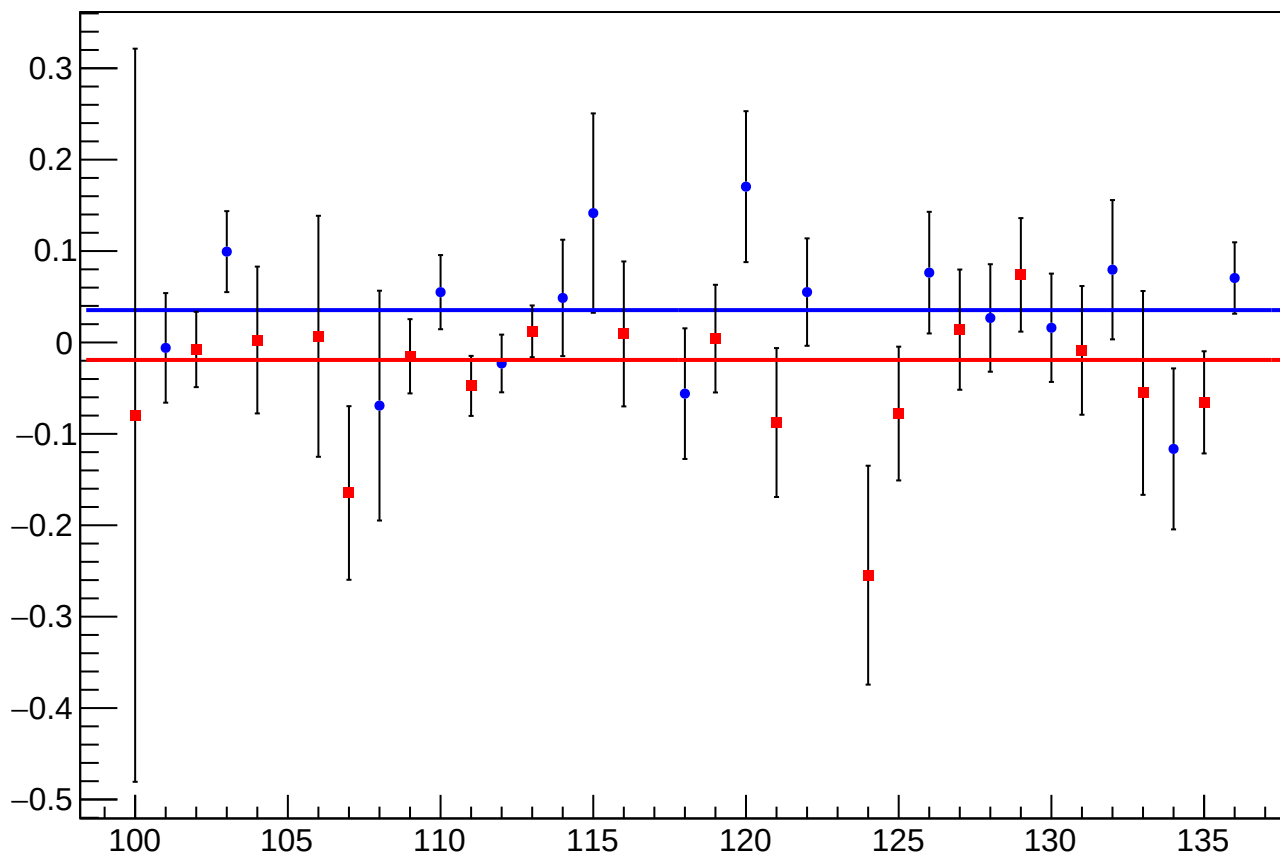
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.002+/-0.000

χ^2/NDF : 4386702.2/33

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: 13.4/17

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

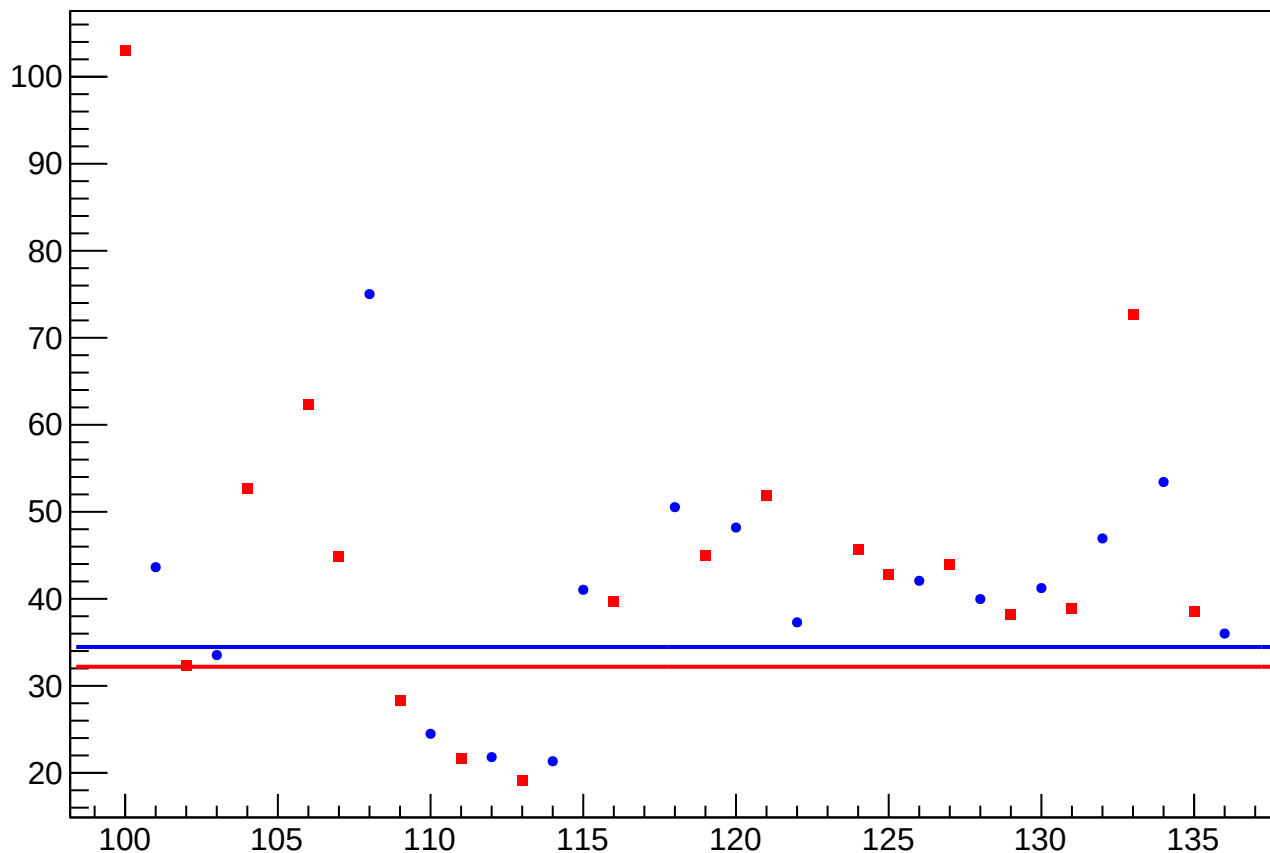
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 32.197+/-0.009 χ^2/NDF : 1669398.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

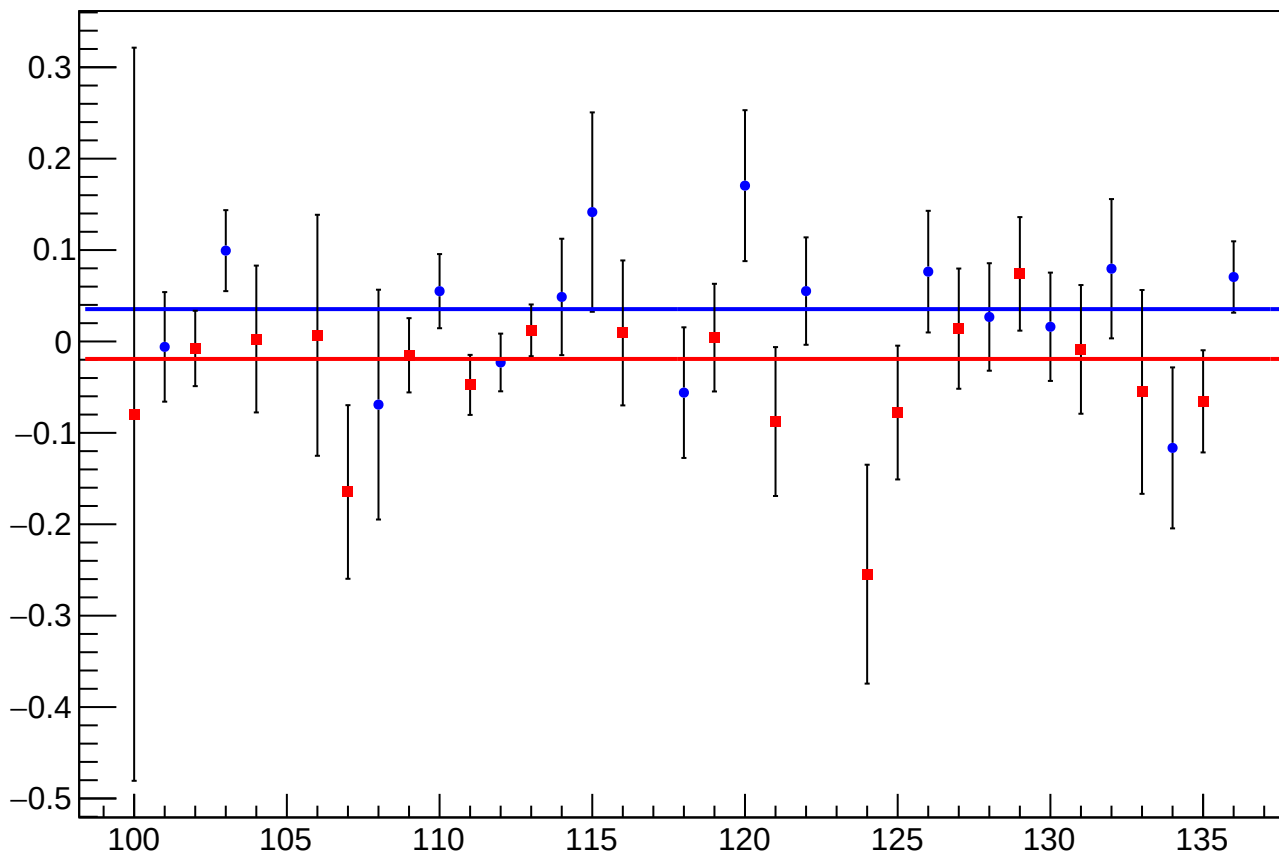
Right: 33.284+/-0.007 χ^2/NDF : 2868442.1/33

In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.284+/-0.007 χ^2/NDF : 2868442.1/33

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: 13.4/17

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

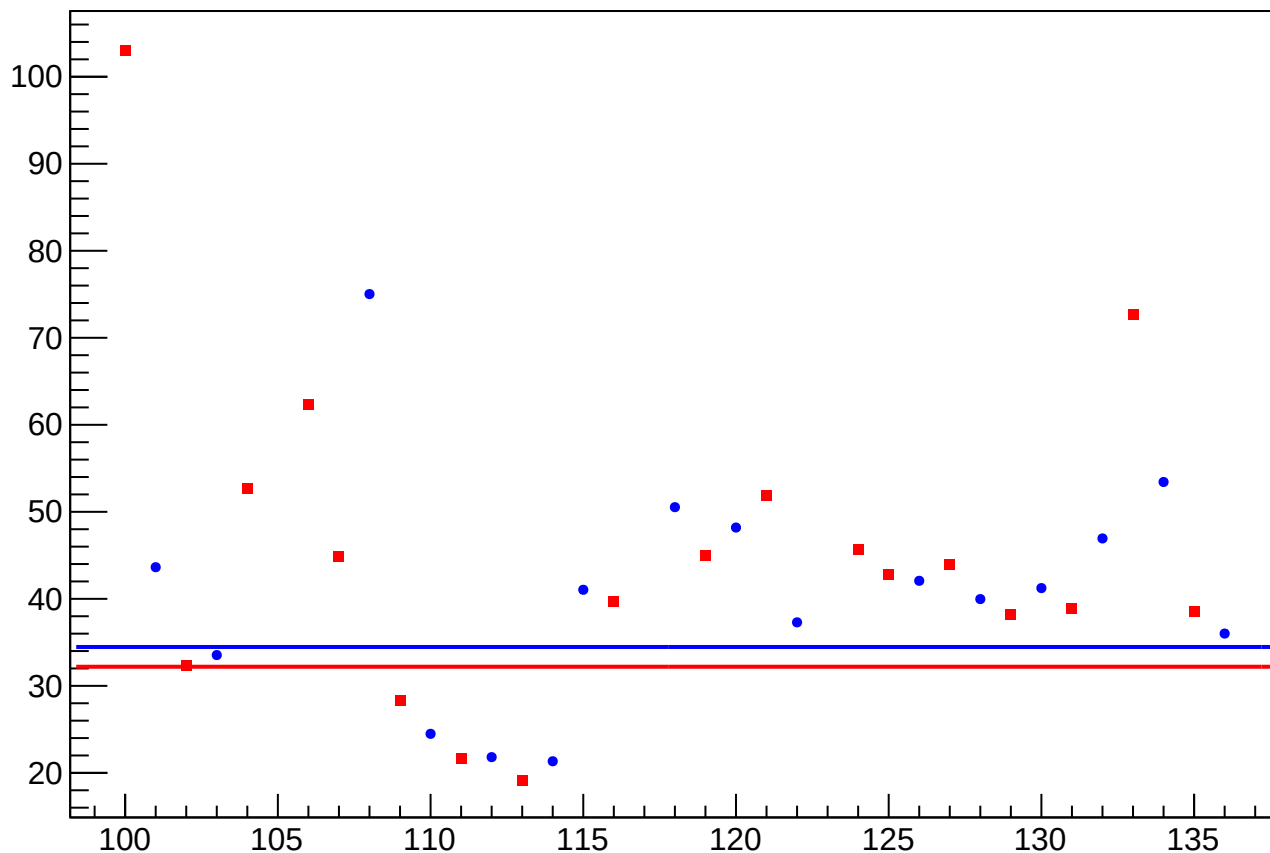
Right: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 0.007 $\pm$ 0.010 χ^2 /NDF: 38.3/33

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: 32.197+/-0.009 χ^2/NDF : 1669398.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

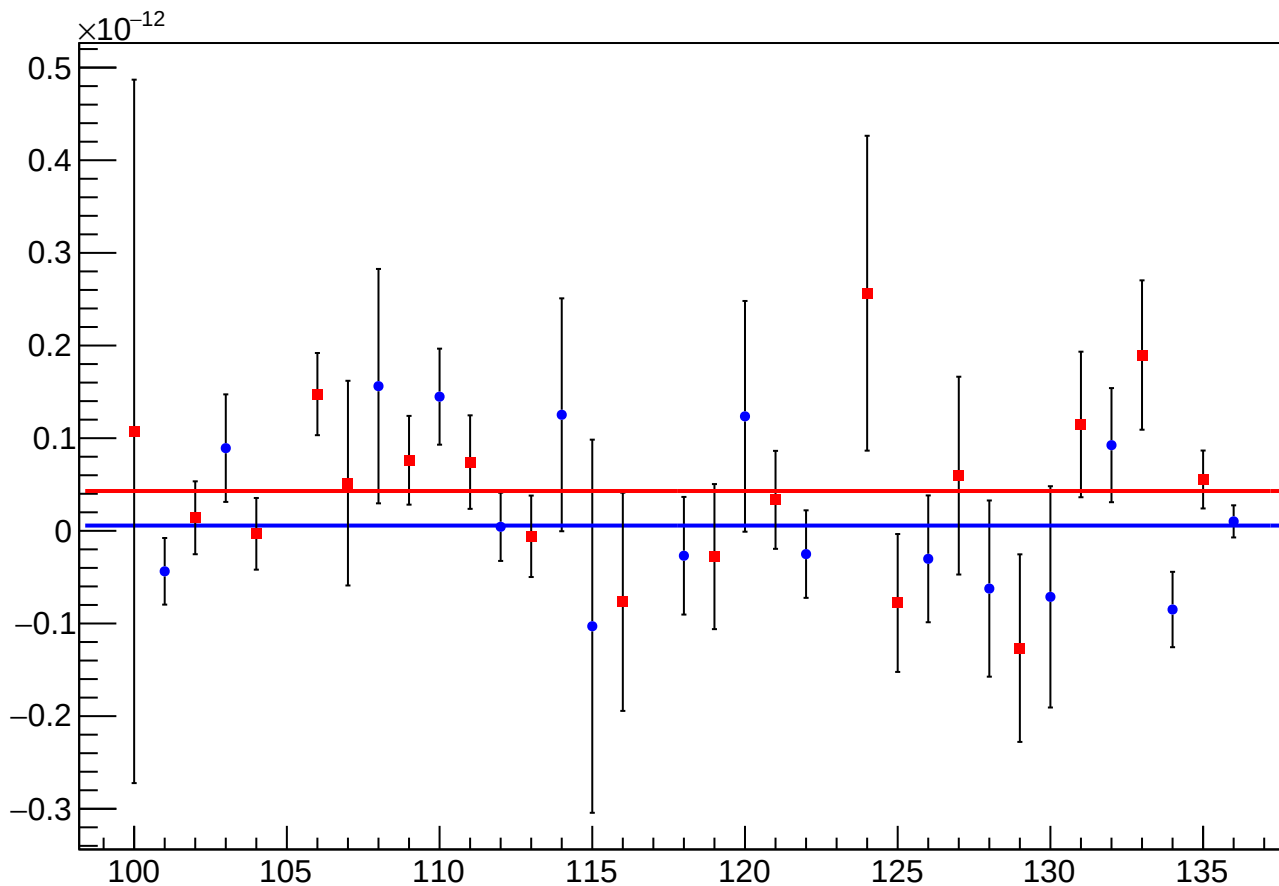
Right: 33.284+/-0.007 χ^2/NDF : 2868442.1/33

In: 34.469+/-0.010 χ^2/NDF : 1171158.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.284+/-0.007 χ^2/NDF : 2868442.1/33

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 : 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

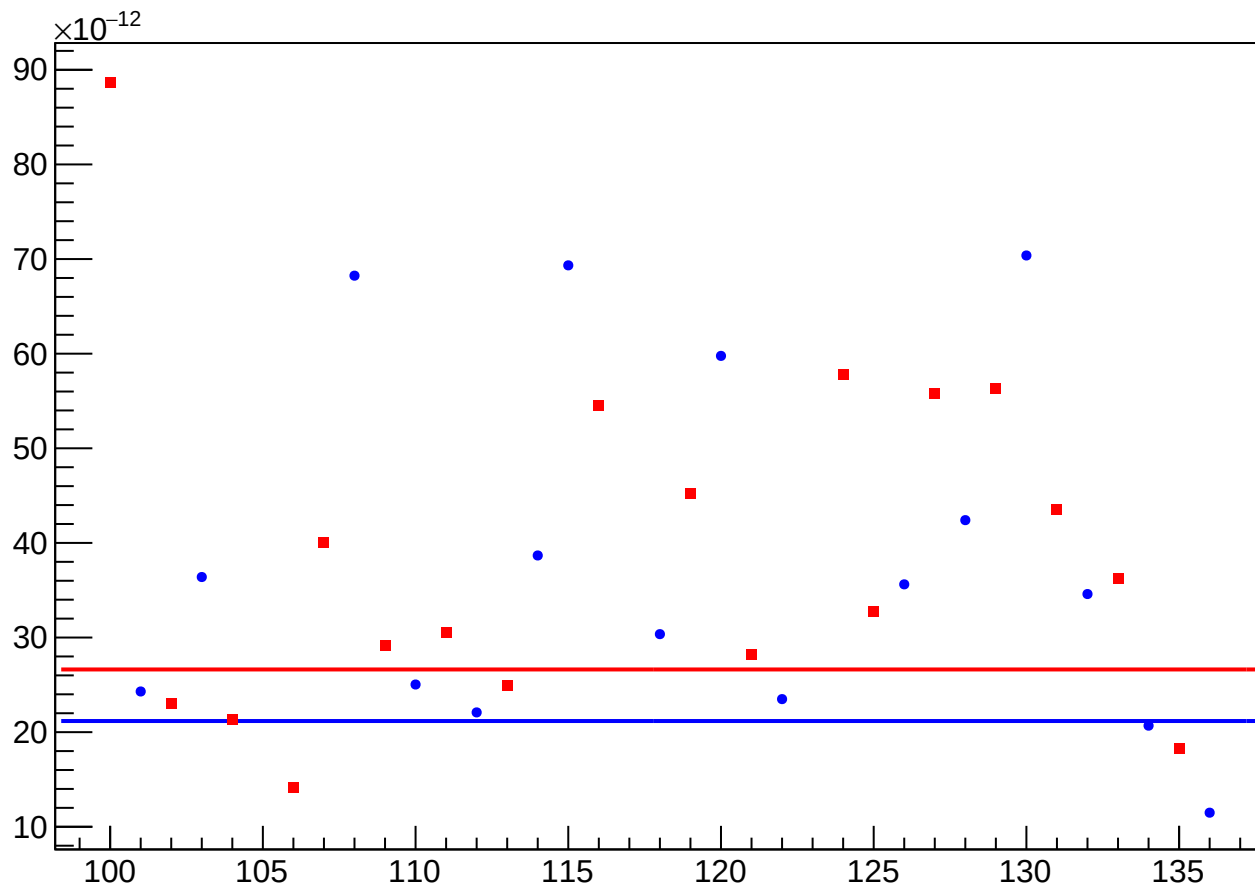
Right: 0.000+/-0.000 χ^2/NDF : 51.0/33

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 : 51.0/33

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 : 1210393.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

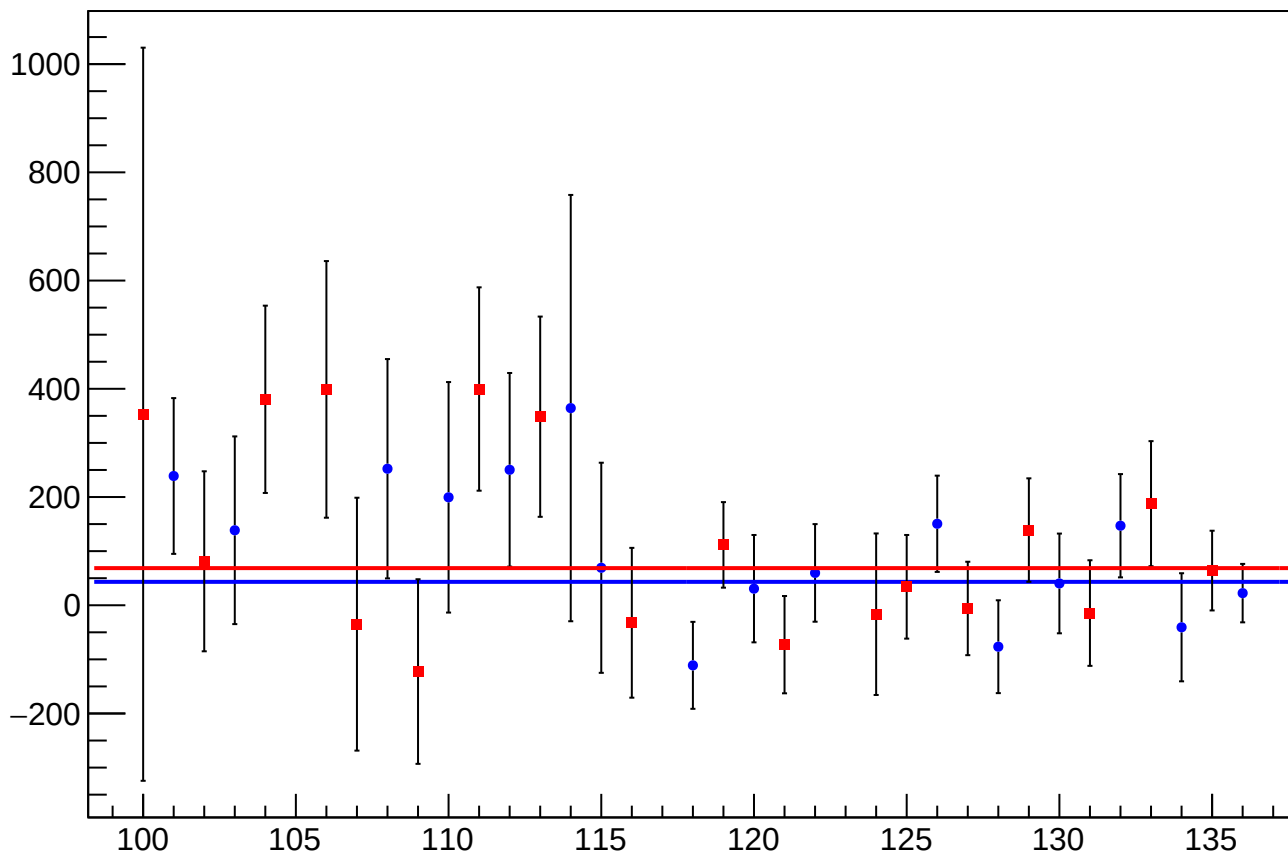
Right: 0.000+/-0.000 χ^2/NDF : 3483832.0/33

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 : 3483832.0/33

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: 68.626+/-27.763 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

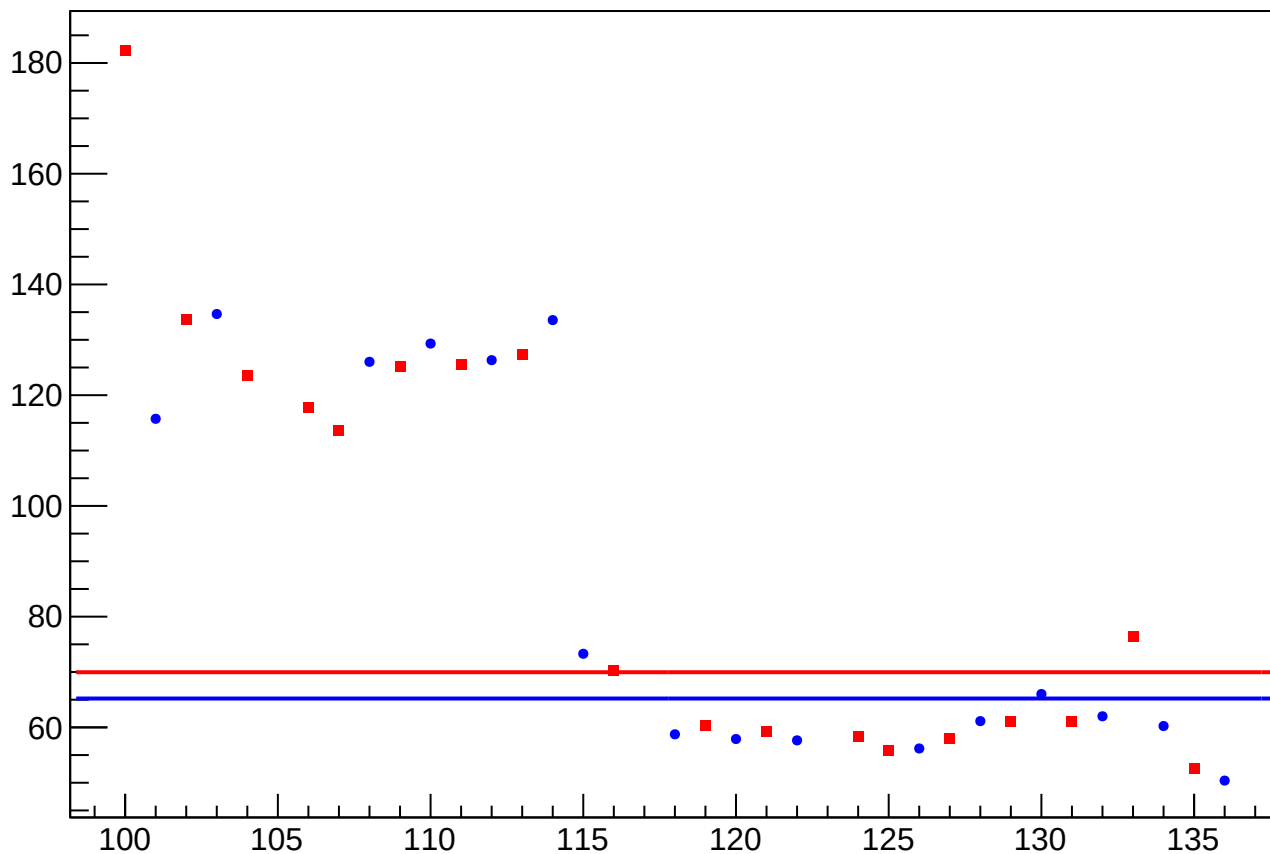
Right: 54.998+/-18.892 χ^2/NDF : 34.4/33

In: 43.247+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.998+/-18.892 χ^2/NDF : 34.4/33

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: 69.962+/-0.020 χ^2/NDF : 1569013.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

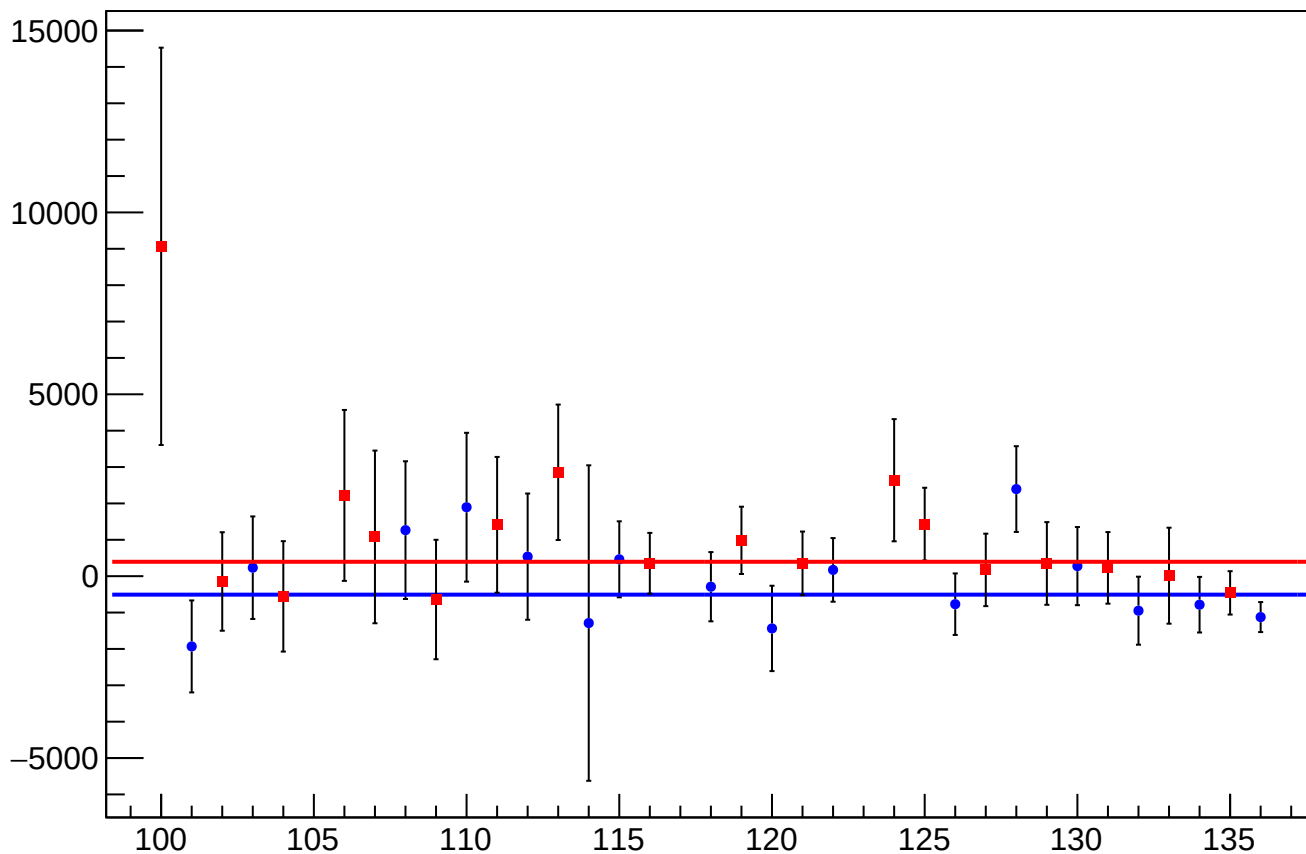
Right: 67.412+/-0.013 χ^2/NDF : 3046955.7/33

In: 65.212+/-0.018 χ^2/NDF :1446504.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.412+/-0.013 χ^2/NDF : 3046955.7/33

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: 395.519+/-269.317 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

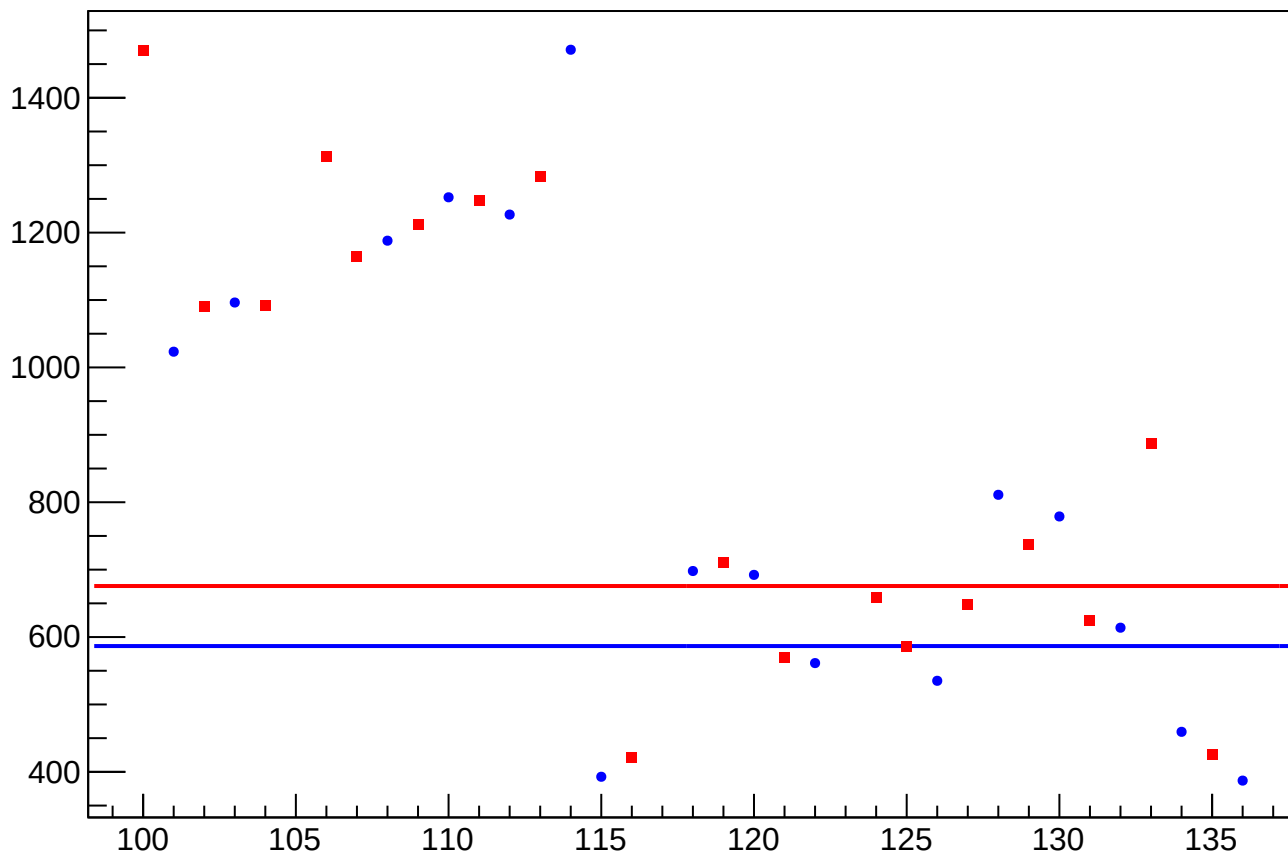
Right: -113.739+/-177.895 χ^2 /NDF: 33.7/33

In: -507.928+/-236.945 χ^2 /NDF:15.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -113.739+/-177.895 χ^2 /NDF: 33.7/33

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: 675.710+/-0.190 χ^2/NDF : 1875034.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

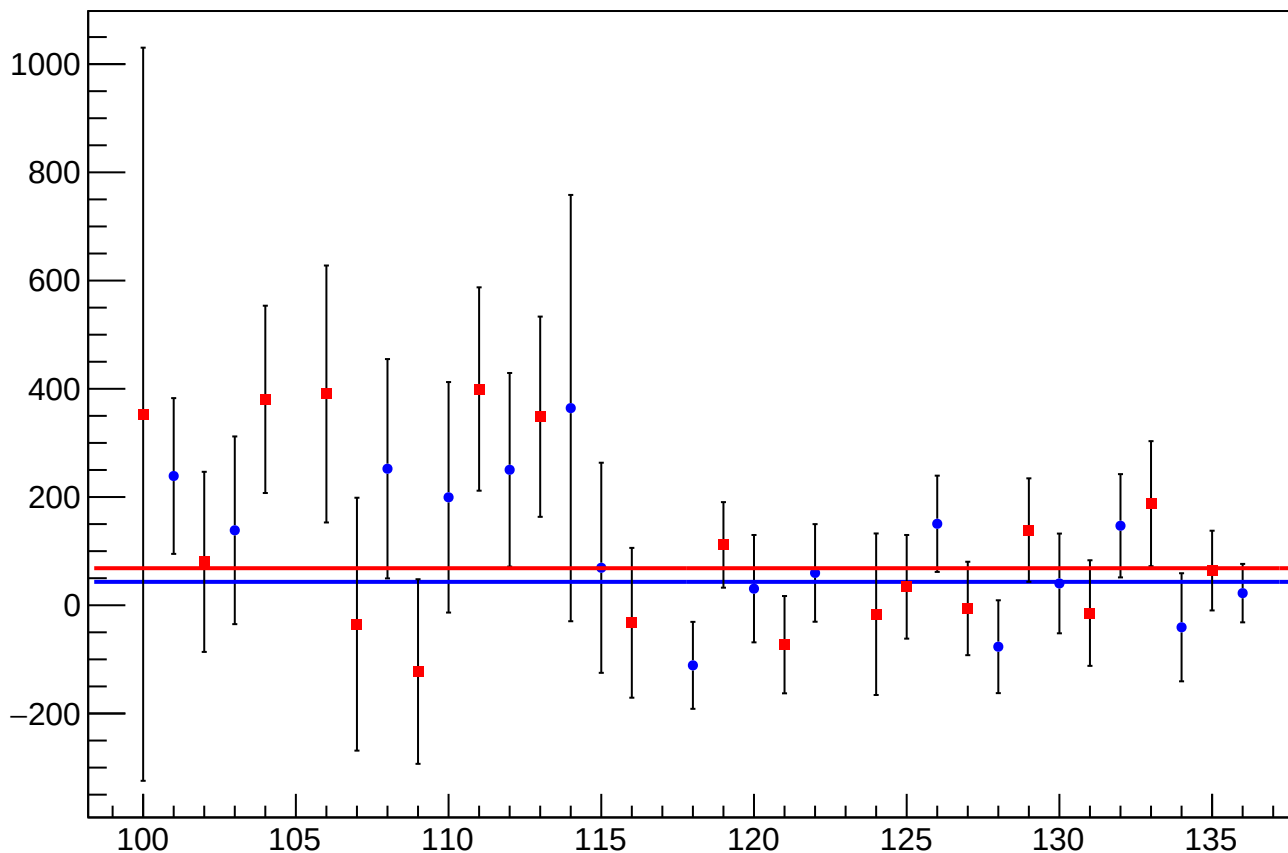
Right: 625.506+/-0.126 χ^2/NDF : 4051465.5/33

In: 586.645+/-0.168 χ^2/NDF : 2053133.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 625.506+/-0.126 χ^2/NDF : 4051465.5/33

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: 68.467+/-27.764 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

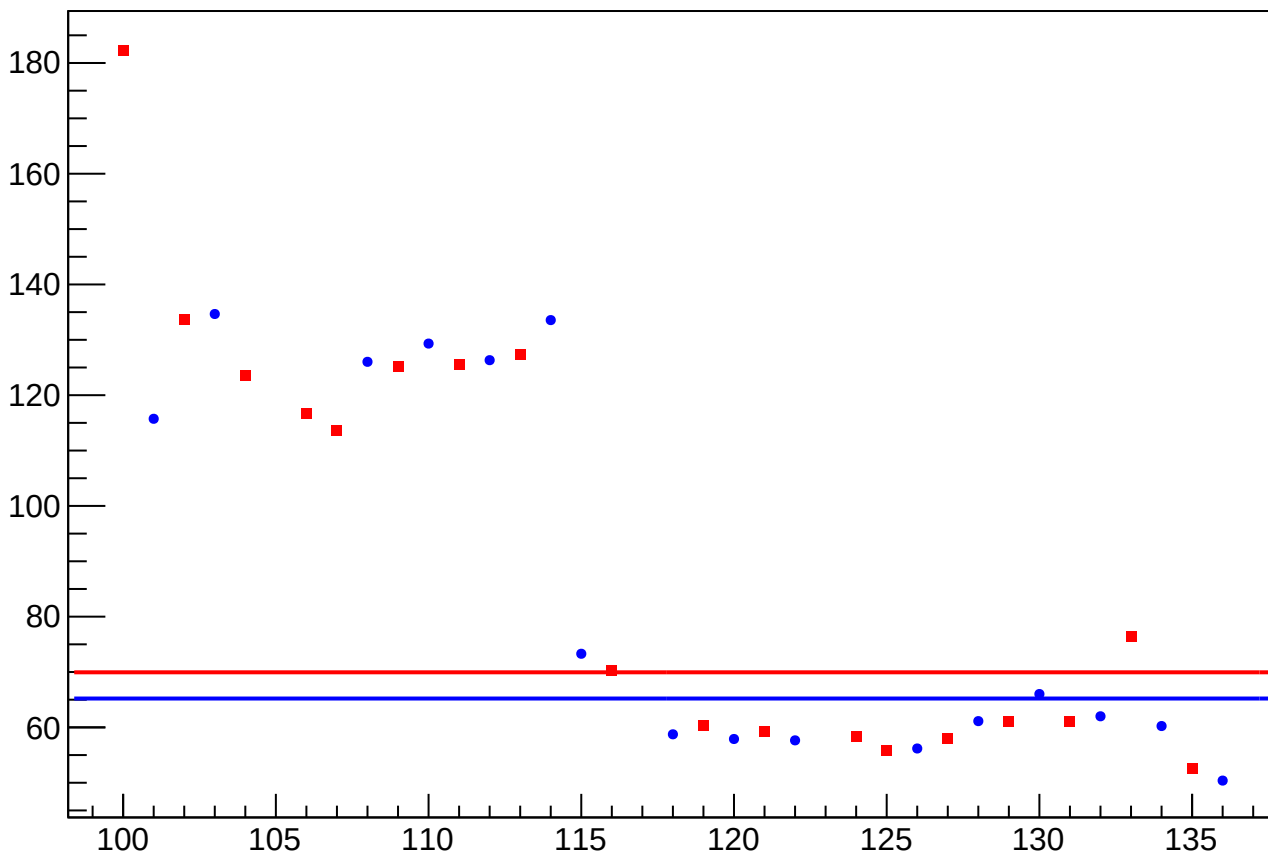
Right: 54.920+/-18.892 χ^2/NDF : 34.3/33

In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.920+/-18.892 χ^2/NDF : 34.3/33

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: 69.947+/-0.020 χ^2/NDF : 1565775.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

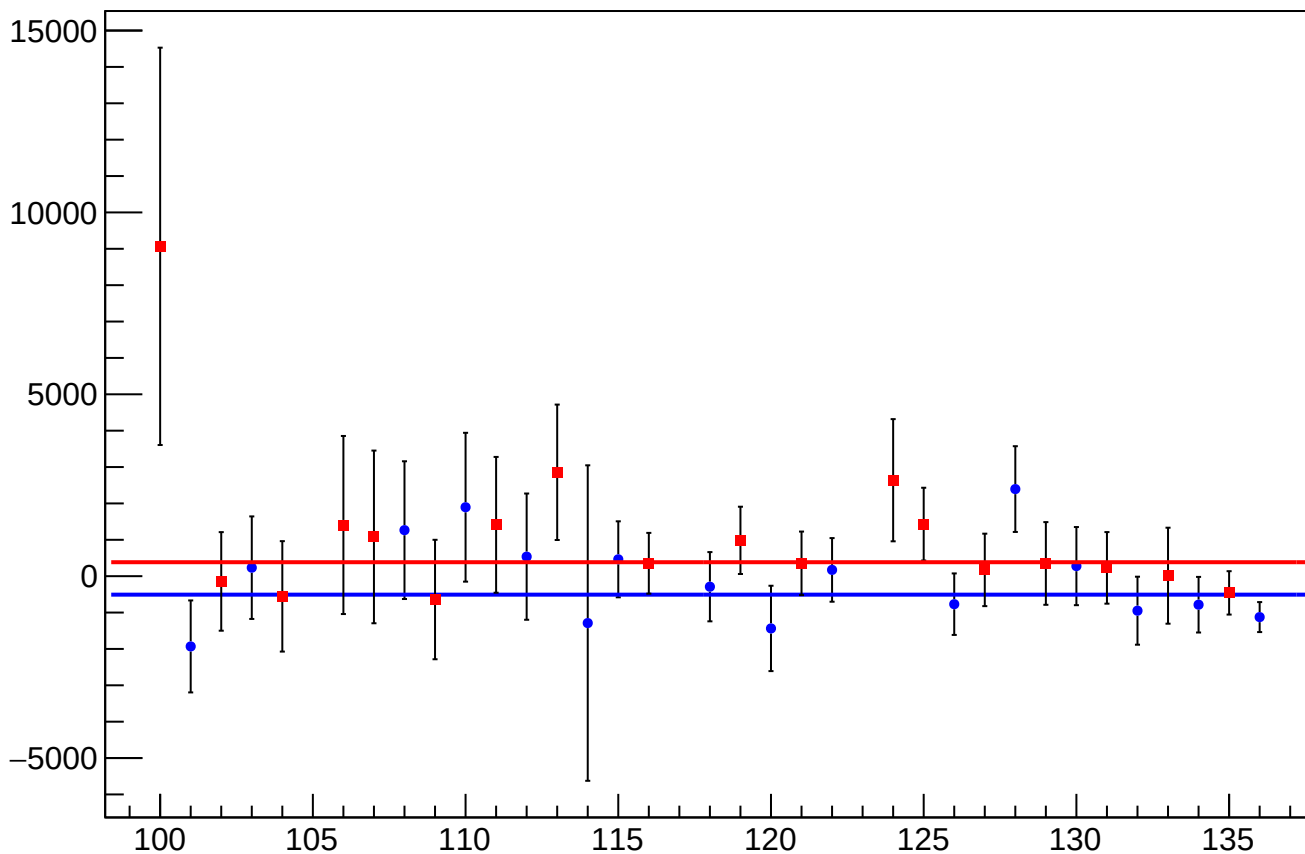
Right: 67.405+/-0.013 χ^2/NDF : 3043516.8/33

In: 65.212+/-0.018 χ^2/NDF :1446506.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 67.405+/-0.013 χ^2/NDF : 3043516.8/33

asym_sam_1526_avg_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: 383.892+/-269.464 χ^2/NDF : 11.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

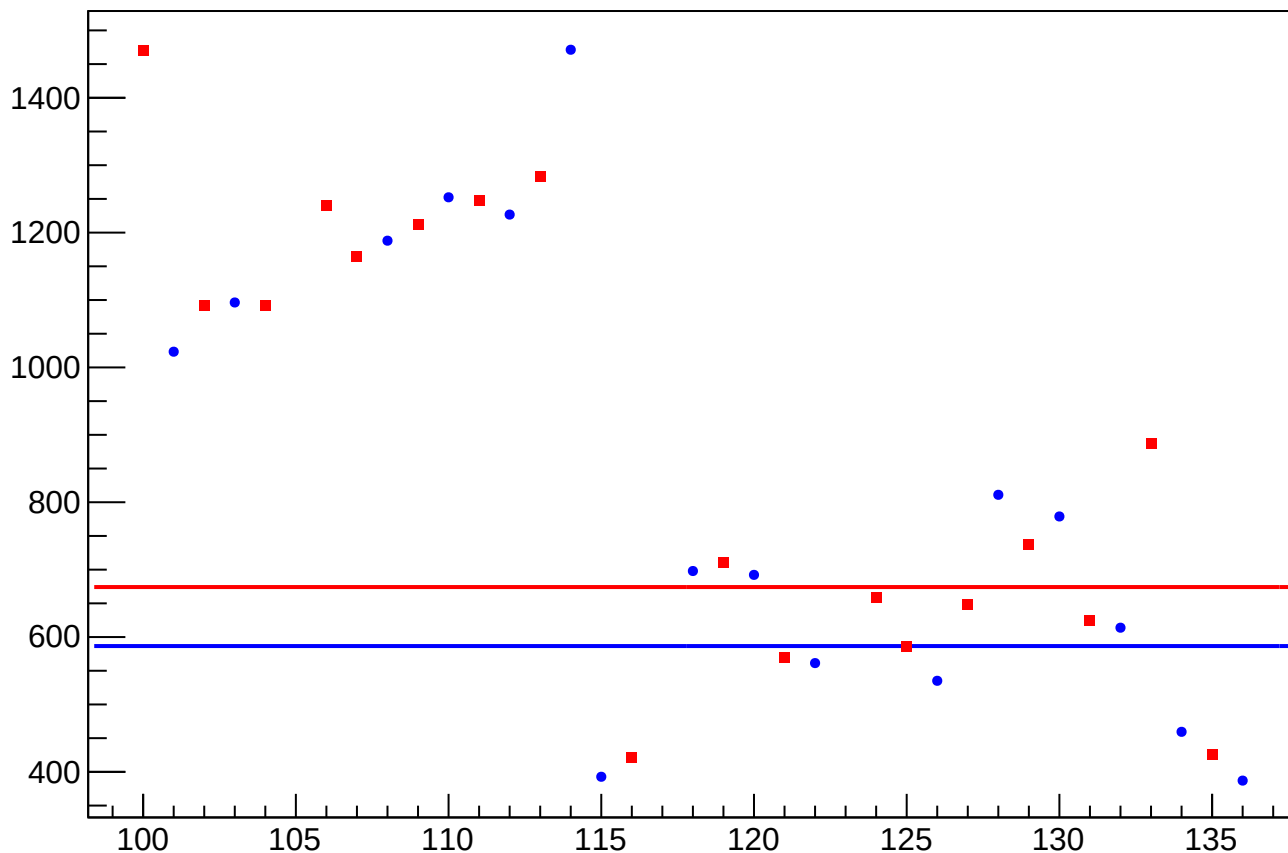
Right: -119.042+/-177.938 χ^2/NDF : 33.1/33

In: -507.911+/-236.945 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.042+/-177.938 χ^2/NDF : 33.1/33

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: 674.187+/-0.191 χ^2/NDF : 1834950.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

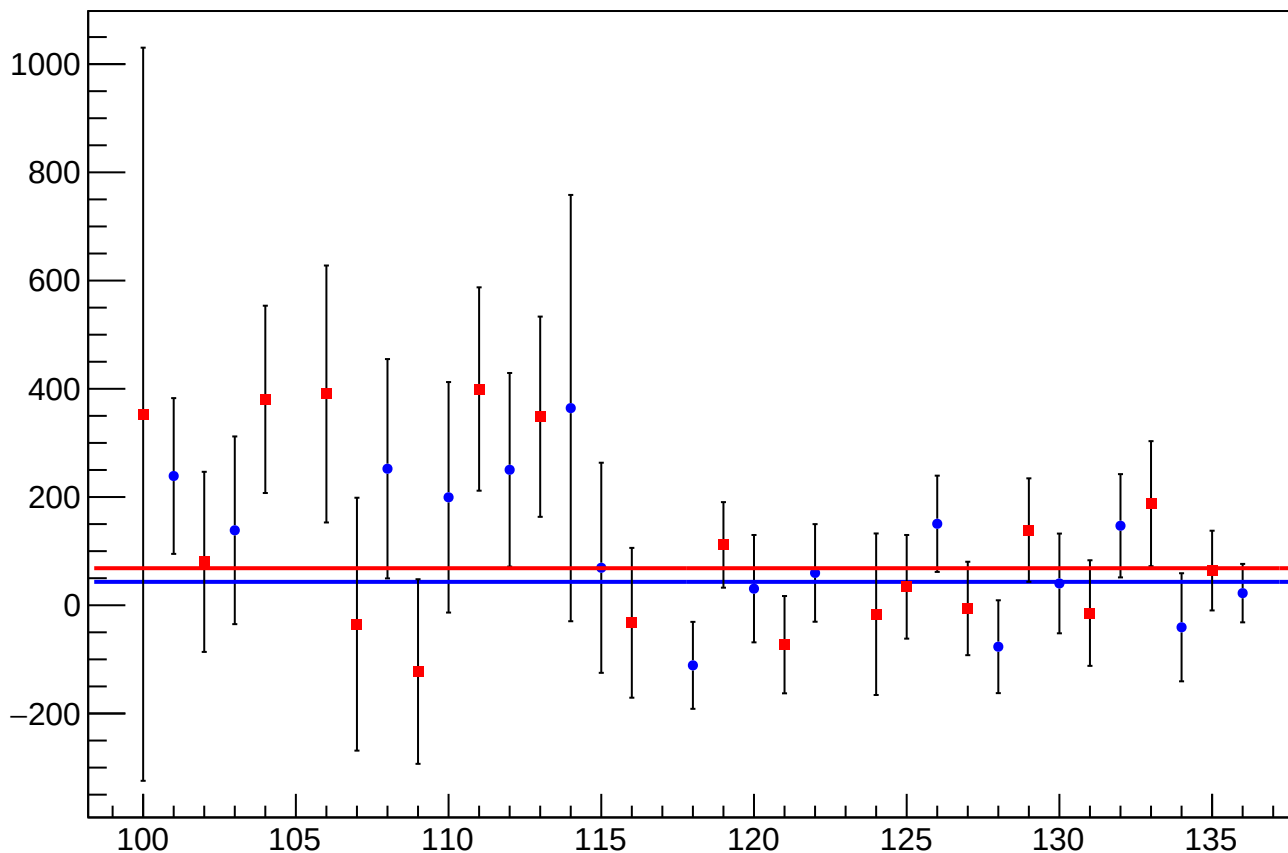
Right: 624.817+/-0.126 χ^2/NDF : 4007164.2/33

In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.817+/-0.126 χ^2/NDF : 4007164.2/33

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: 68.467+/-27.764 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

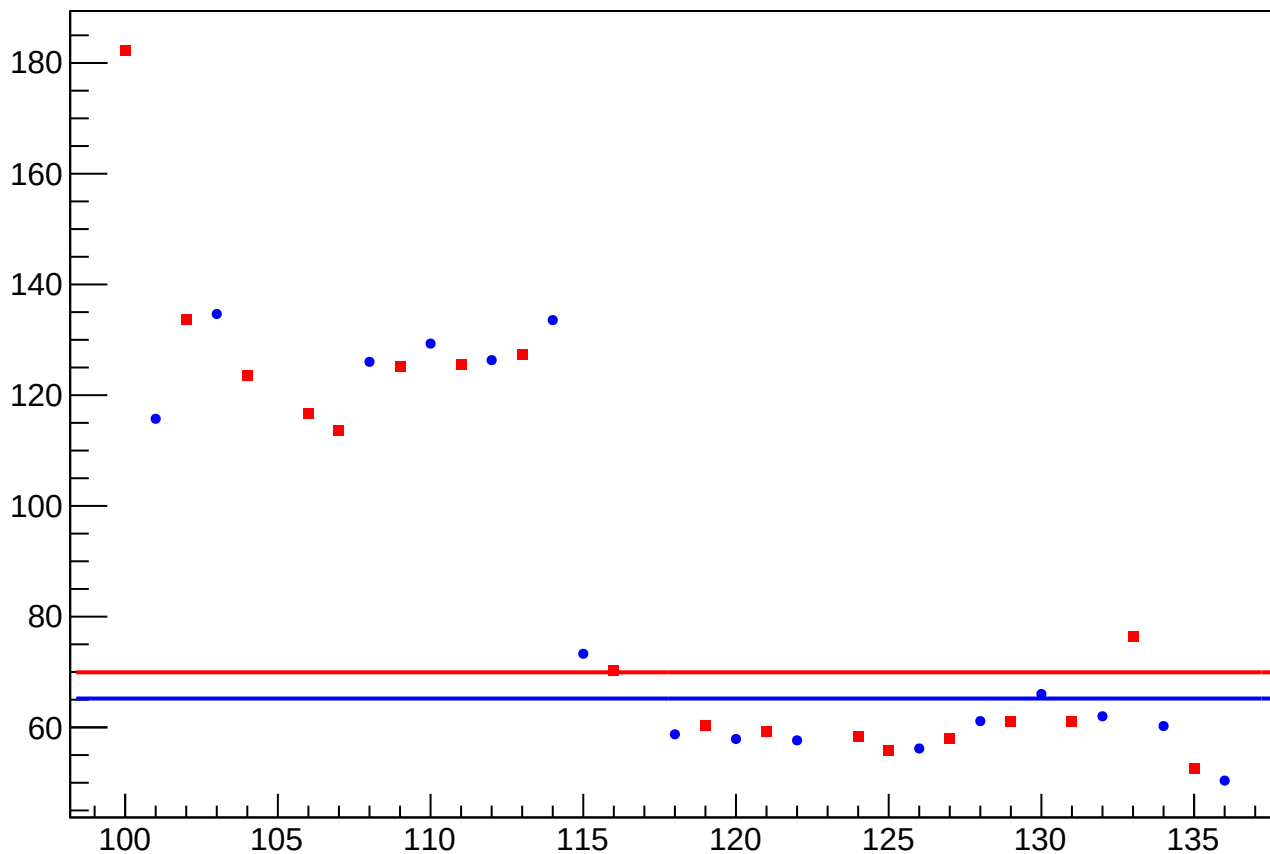
Right: 54.920+/-18.892 χ^2/NDF : 34.3/33

In: 43.239+/-25.781 χ^2/NDF : 15.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 54.920+/-18.892 χ^2/NDF : 34.3/33

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: 69.947+/-0.020 χ^2/NDF : 1565775.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

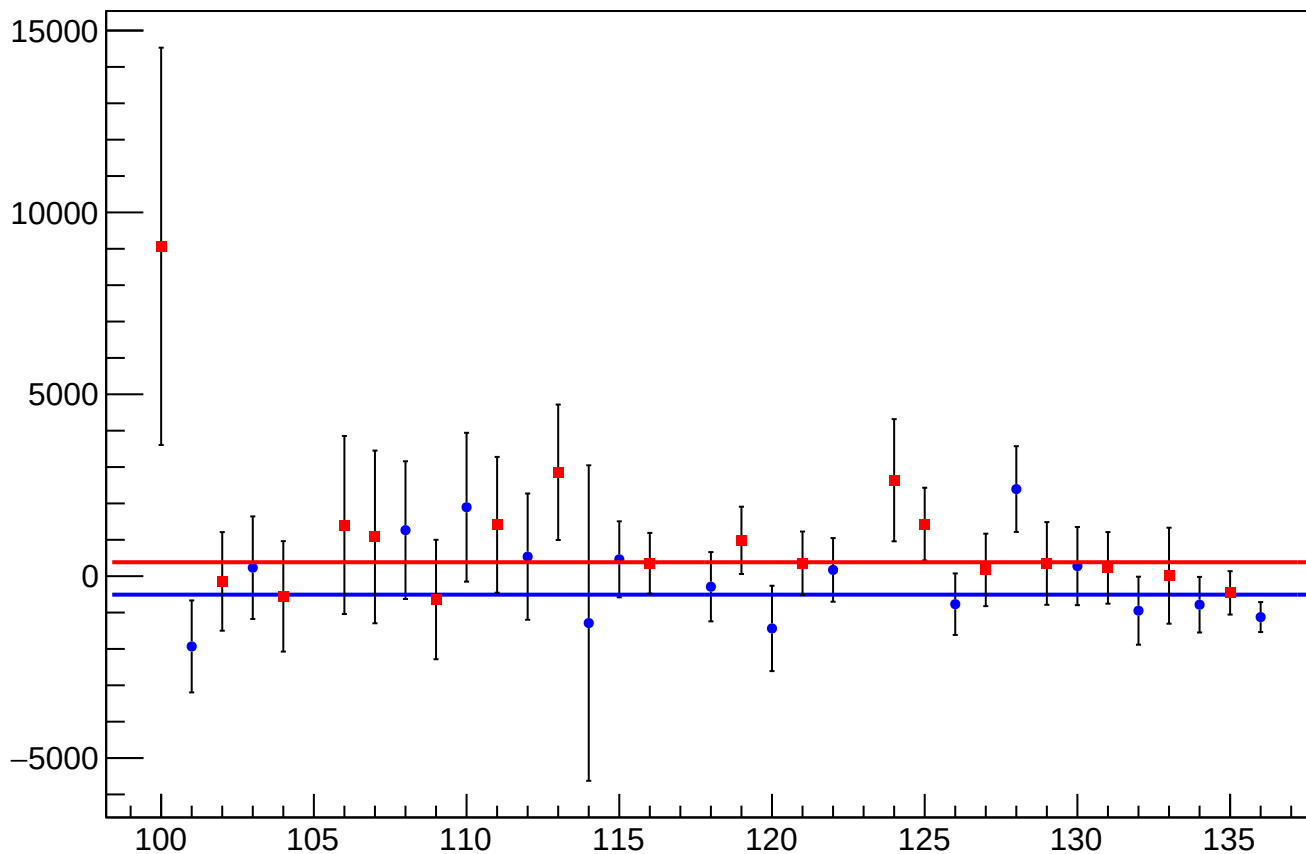
Right: 67.405+/-0.013 χ^2/NDF : 3043516.8/33

In: 65.212+/-0.018 χ^2/NDF : 1446506.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.405+/-0.013 χ^2/NDF : 3043516.8/33

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: 383.892+/-269.464 χ^2 /NDF: 11.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

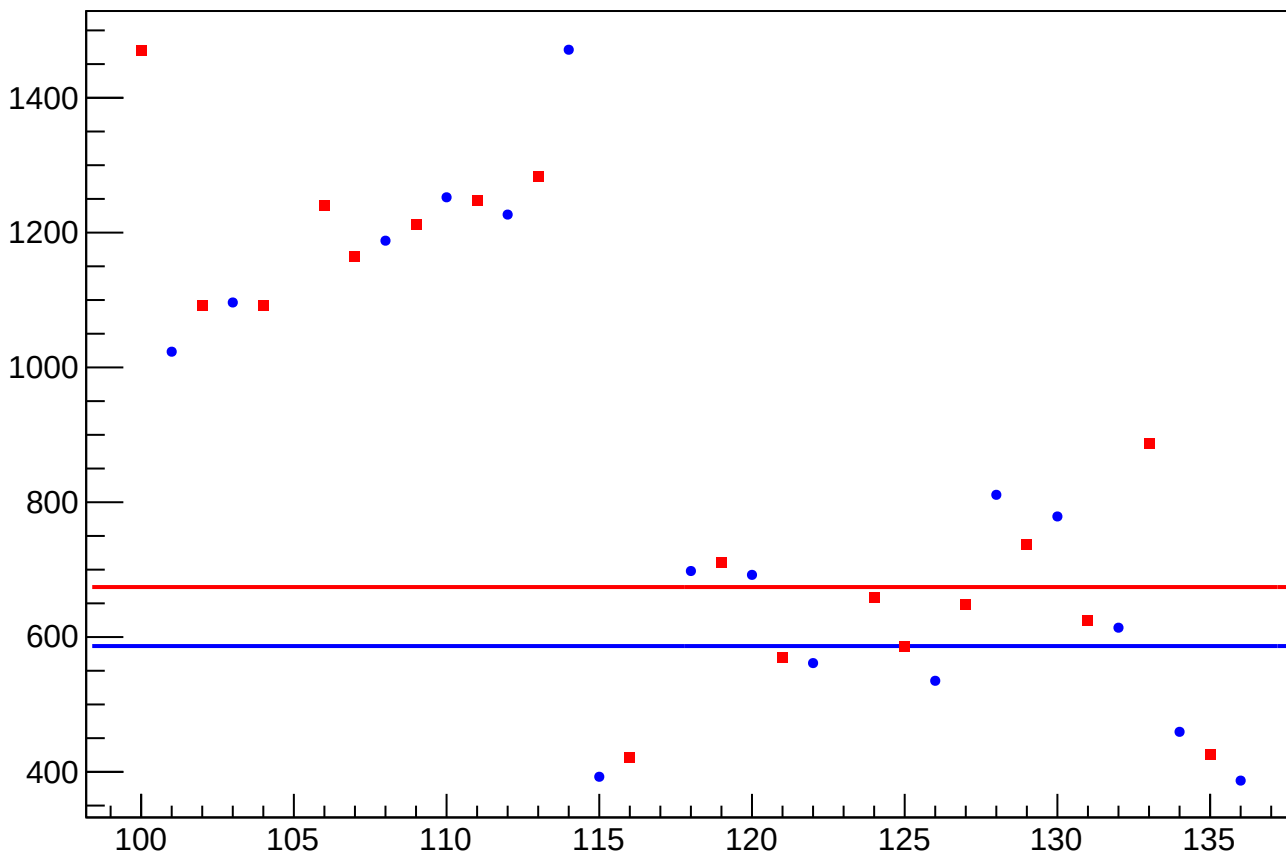
Right: -119.042+/-177.938 χ^2 /NDF: 33.1/33

In: -507.911+/-236.945 χ^2 /NDF:15.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -119.042+/-177.938 χ^2 /NDF: 33.1/33

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: 674.187+/-0.191 χ^2/NDF : 1834950.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

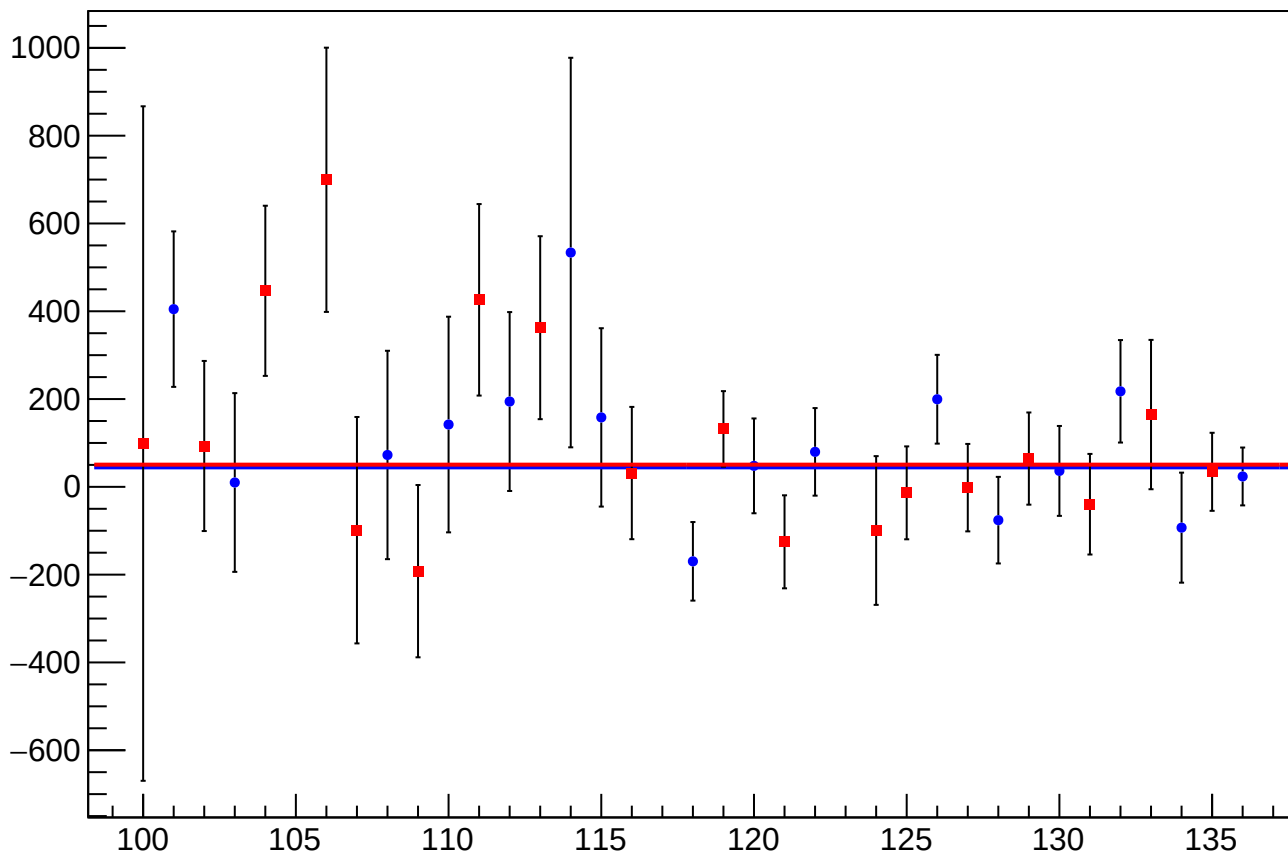
Right: 624.817+/-0.126 χ^2/NDF : 4007164.2/33

In: 586.645+/-0.168 χ^2/NDF : 2053169.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.817+/-0.126 χ^2/NDF : 4007164.2/33

dit_asym_sam_1526_avg_mean vs Slug, Sign Corrected



Right In: 44.387 $\pm$ 29.909 χ^2 /NDF: 19.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.564 $\pm$ 32.072 χ^2 /NDF: 22.2/17

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

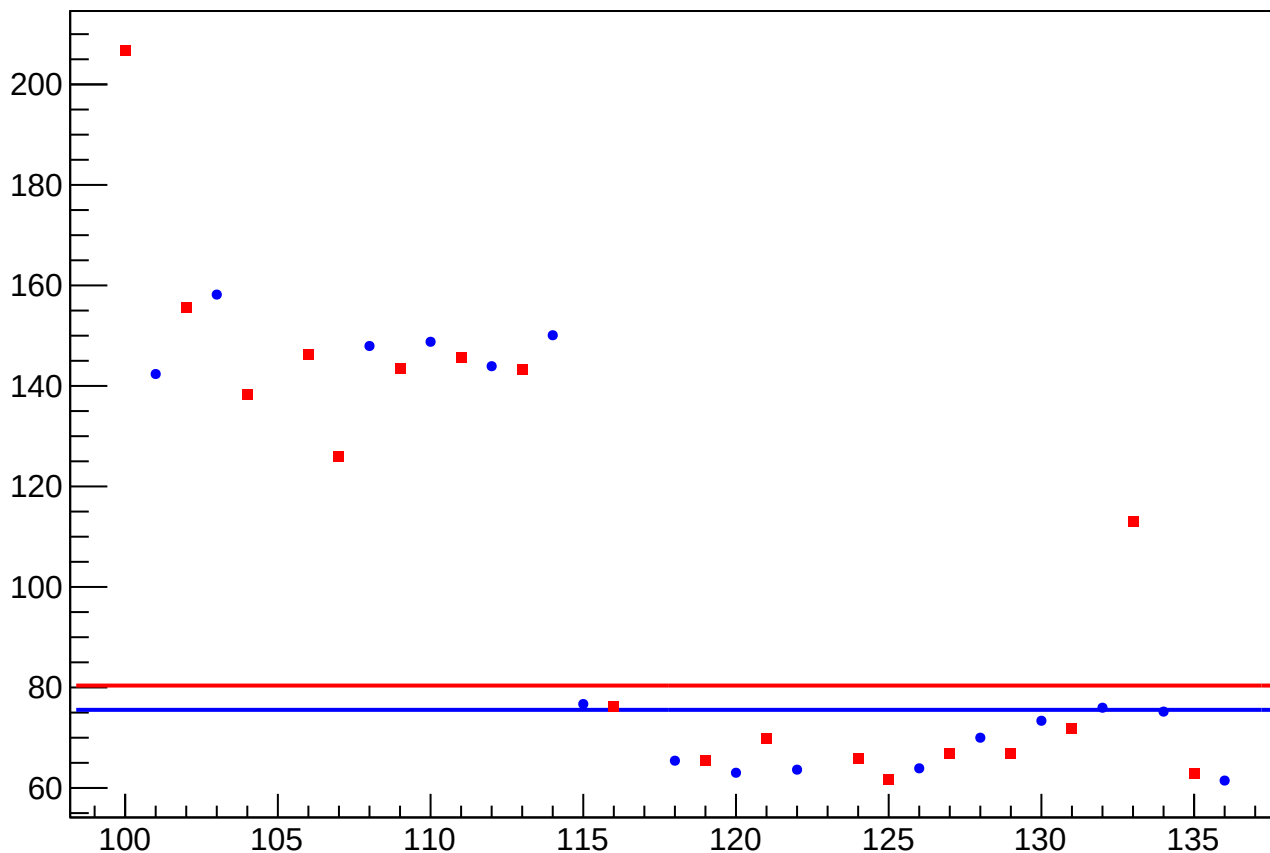
Right: 47.260 $\pm$ 21.874 χ^2 /NDF: 41.8/33

In: 44.387 $\pm$ 29.909 χ^2 /NDF:19.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 47.260 $\pm$ 21.874 χ^2 /NDF: 41.8/33

dit_asym_sam_1526_avg_rms vs Slug, Sign Corrected



Right In: 75.544 $\pm$ 0.021 χ^2 /NDF: 1465550.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.380 $\pm$ 0.023 χ^2 /NDF: 1651573.5/17

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

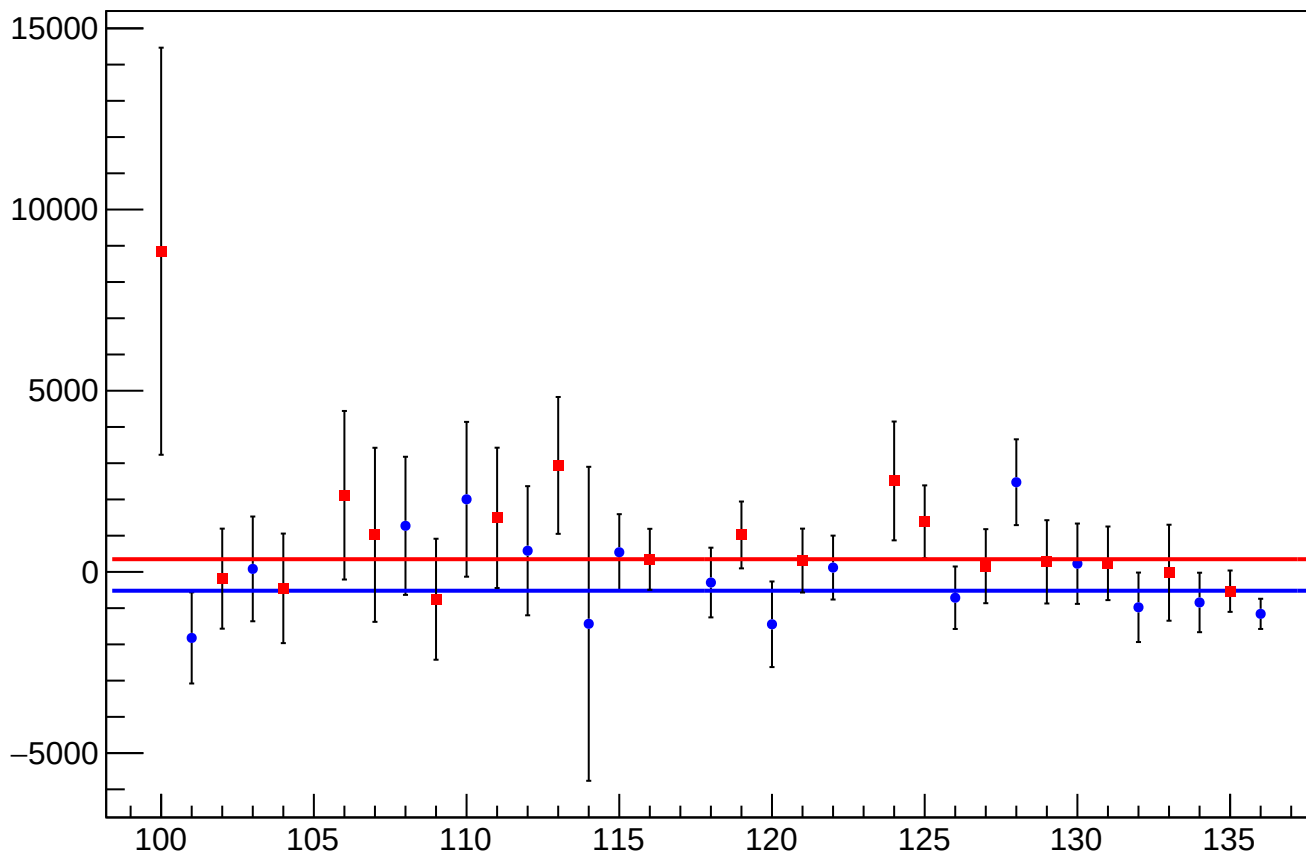
Right: 77.794 $\pm$ 0.015 χ^2 /NDF: 3141442.9/33

In: 75.544 $\pm$ 0.021 χ^2 /NDF:1465550.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 77.794 $\pm$ 0.015 χ^2 /NDF: 3141442.9/33

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: 350.838+/-268.975 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

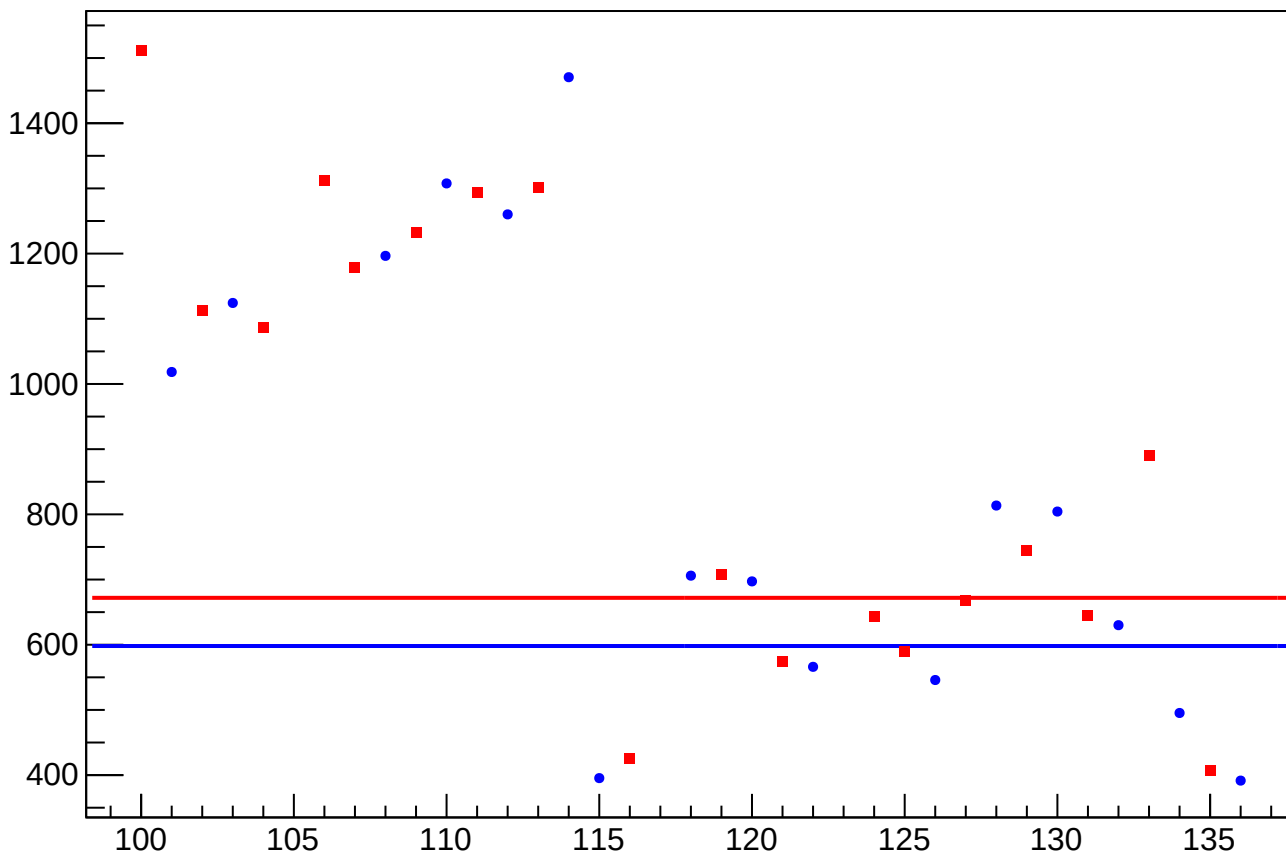
Right: -131.228+/-179.622 χ^2/NDF : 33.5/33

In: -519.250+/-241.317 χ^2/NDF : 15.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -131.228+/-179.622 χ^2/NDF : 33.5/33

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: 671.947+/-0.190 χ^2/NDF : 2001155.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

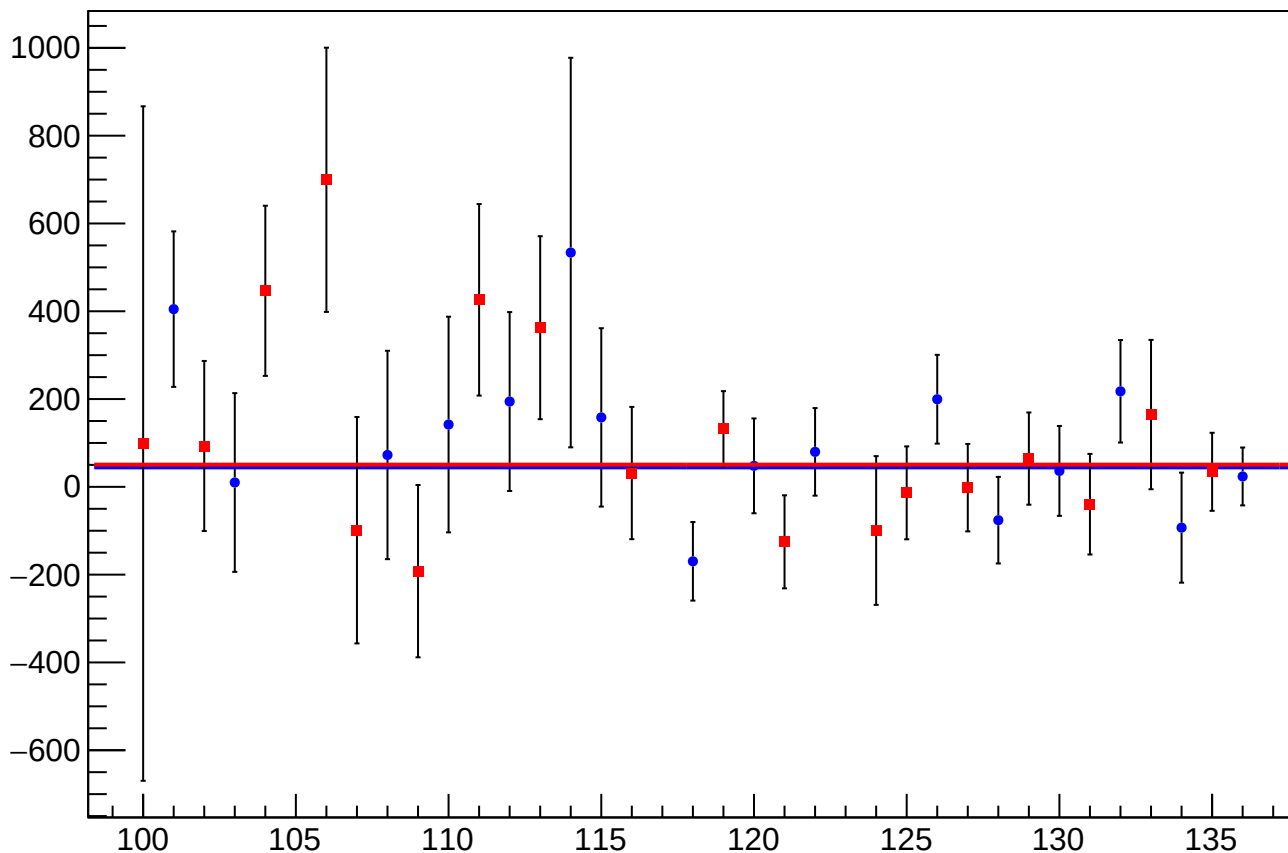
Right: 631.002+/-0.127 χ^2/NDF : 4132631.3/33

In: 598.044+/-0.171 χ^2/NDF :2047825.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 631.002+/-0.127 χ^2/NDF : 4132631.3/33

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: 50.563+/-32.072 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

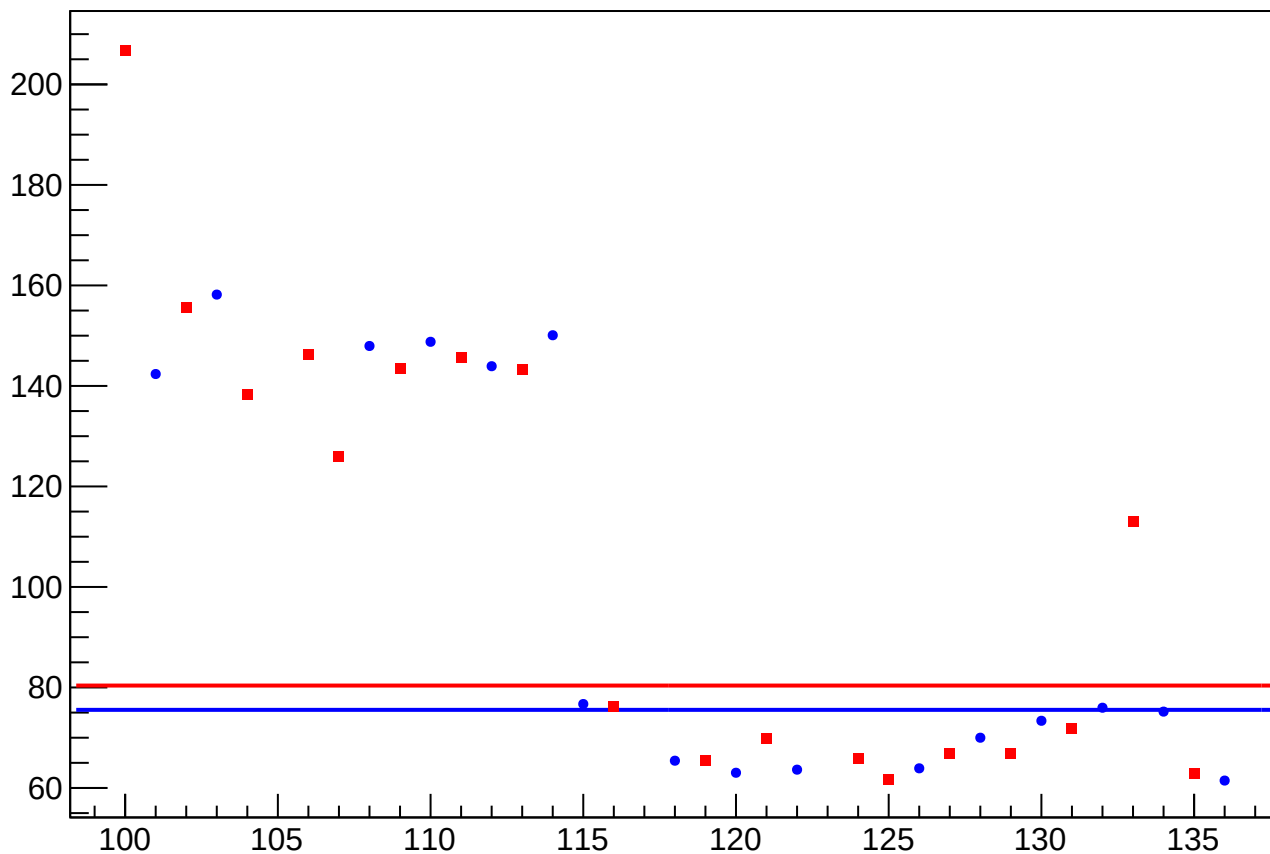
Right: 47.260+/-21.873 χ^2/NDF : 41.8/33

In: 44.389+/-29.908 χ^2/NDF : 19.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.260+/-21.873 χ^2/NDF : 41.8/33

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: 80.380+/-0.023 χ^2/NDF : 1651569.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

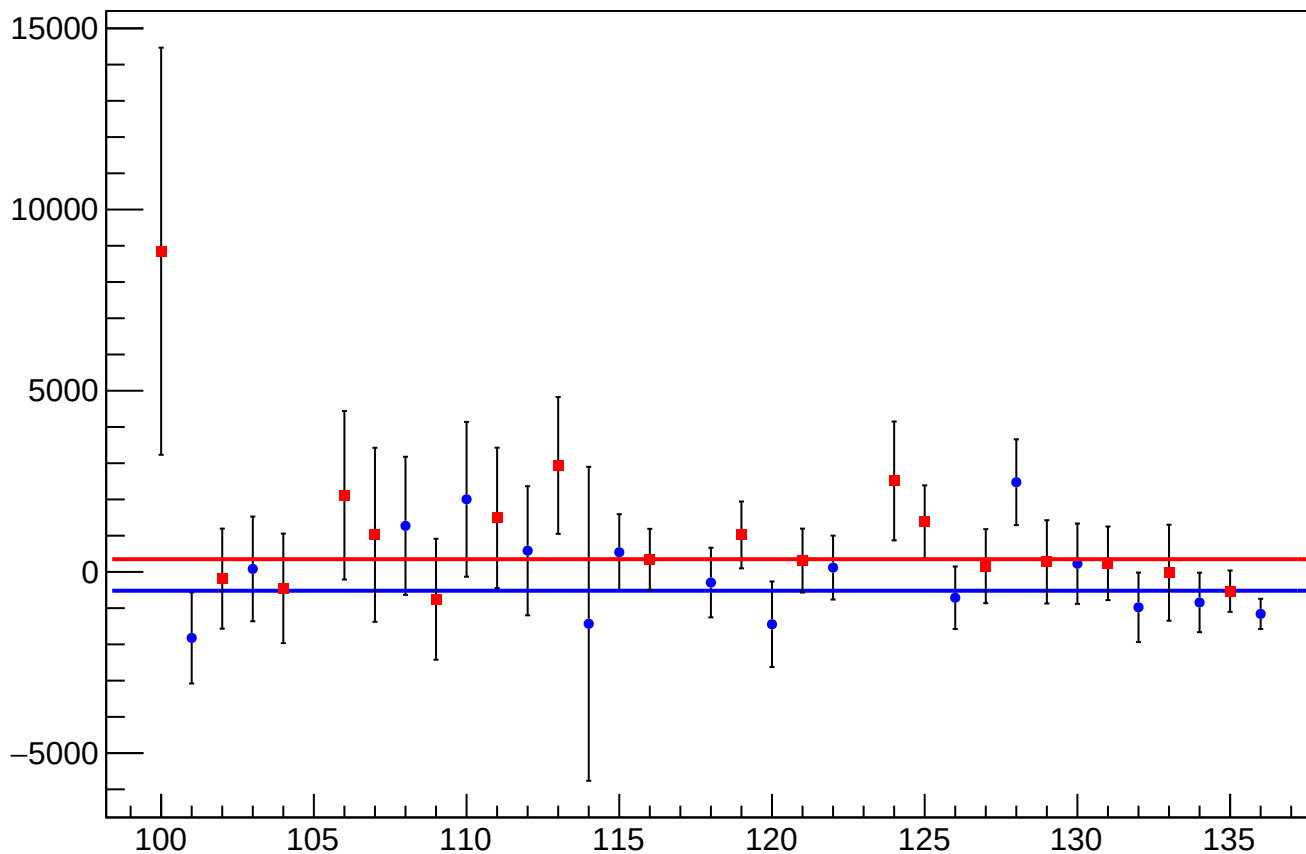
Right: 77.793+/-0.015 χ^2/NDF : 3141423.5/33

In: 75.544+/-0.021 χ^2/NDF : 1465535.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.793+/-0.015 χ^2/NDF : 3141423.5/33

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug, Sign Corrected



Right In: -519.247+/-241.316 χ^2 /NDF: 15.8/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 350.838+/-268.975 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

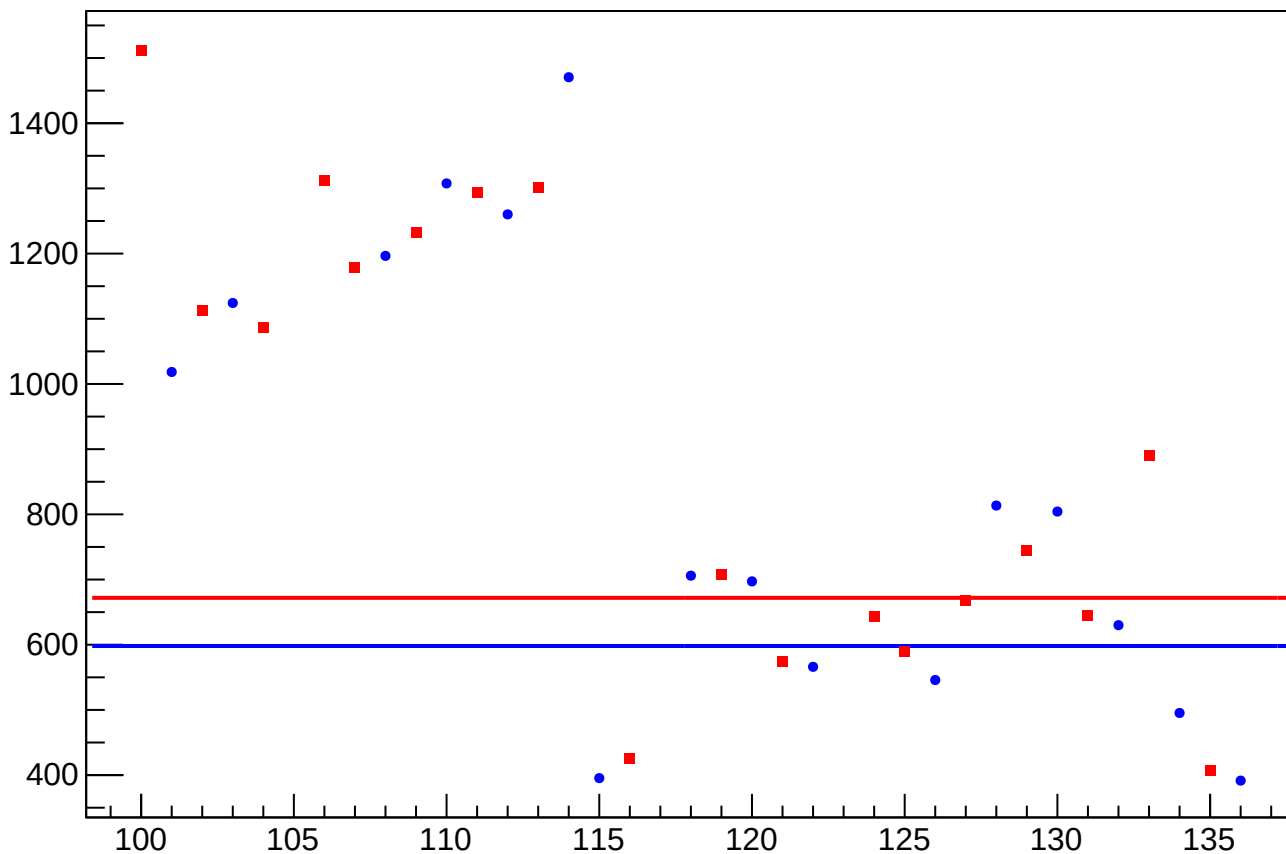
Right: -131.227+/-179.621 χ^2 /NDF: 33.5/33

In: -519.247+/-241.316 χ^2 /NDF:15.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -131.227+/-179.621 χ^2 /NDF: 33.5/33

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: 671.946+/-0.190 χ^2/NDF : 2001140.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

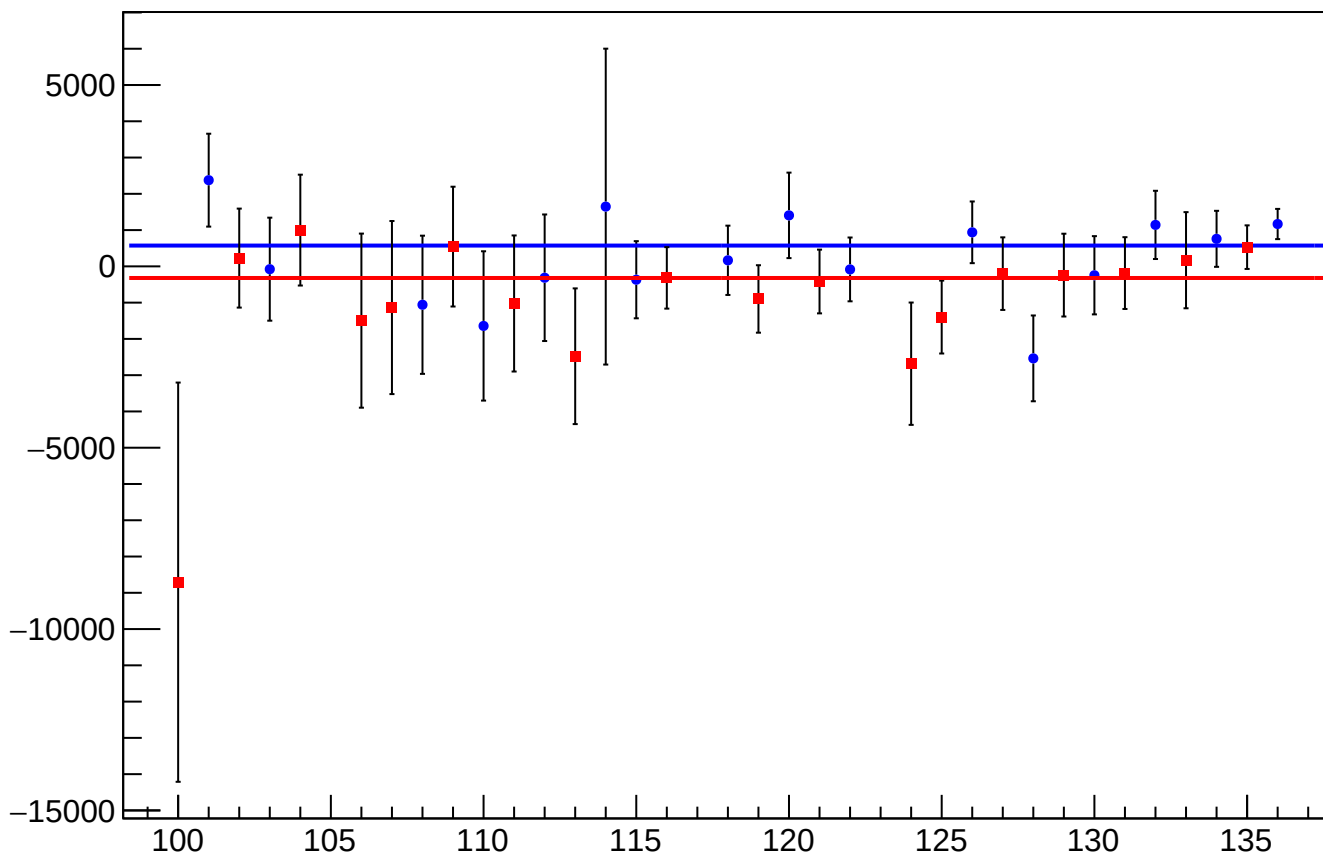
Right: 631.001+/-0.127 χ^2/NDF : 4132597.4/33

In: 598.044+/-0.171 χ^2/NDF : 2047806.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.001+/-0.127 χ^2/NDF : 4132597.4/33

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: -320.395 $\pm$ 271.206 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

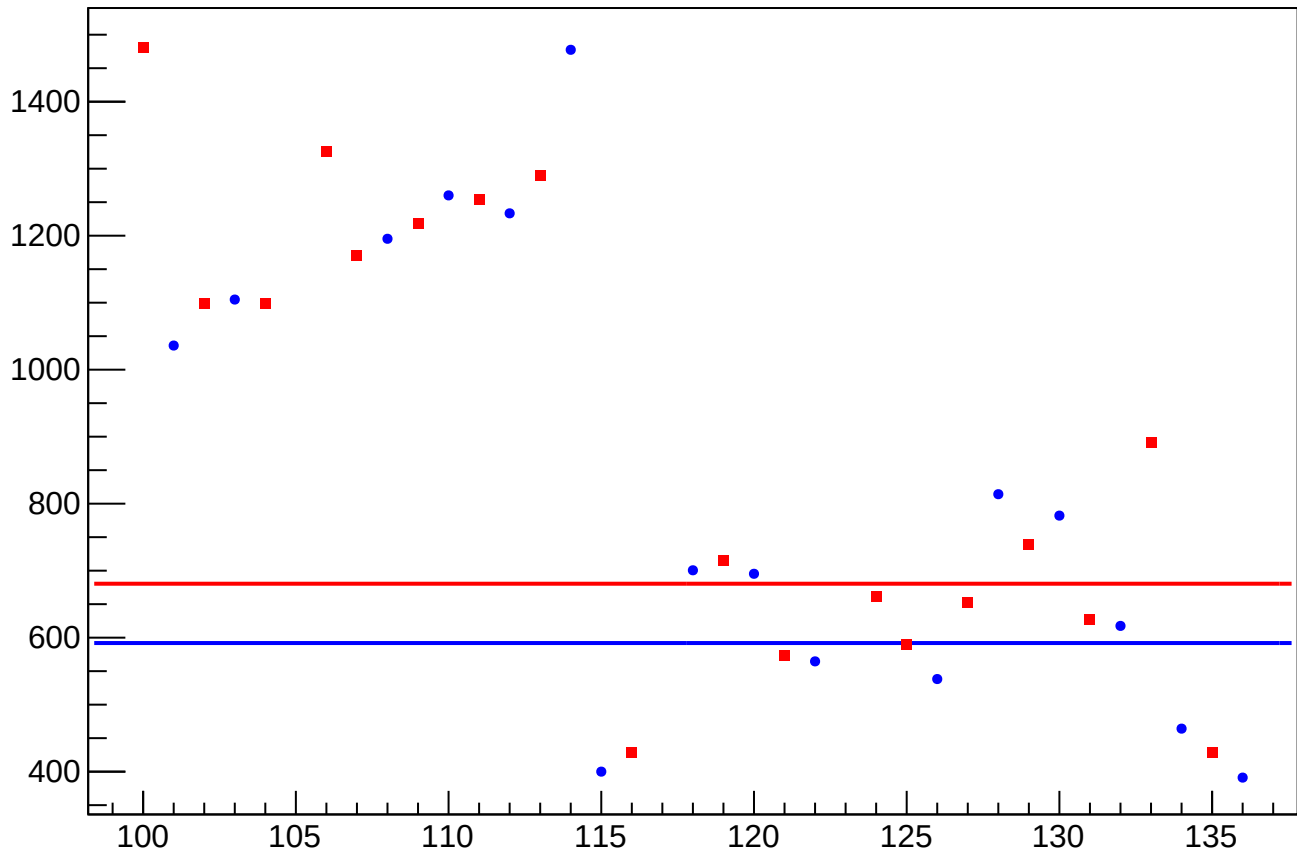
Right: 182.829 $\pm$ 179.276 χ^2 /NDF: 33.7/33

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: 182.829 $\pm$ 179.276 χ^2 /NDF: 33.7/33

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: 680.518+/-0.192 χ^2/NDF : 1860639.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

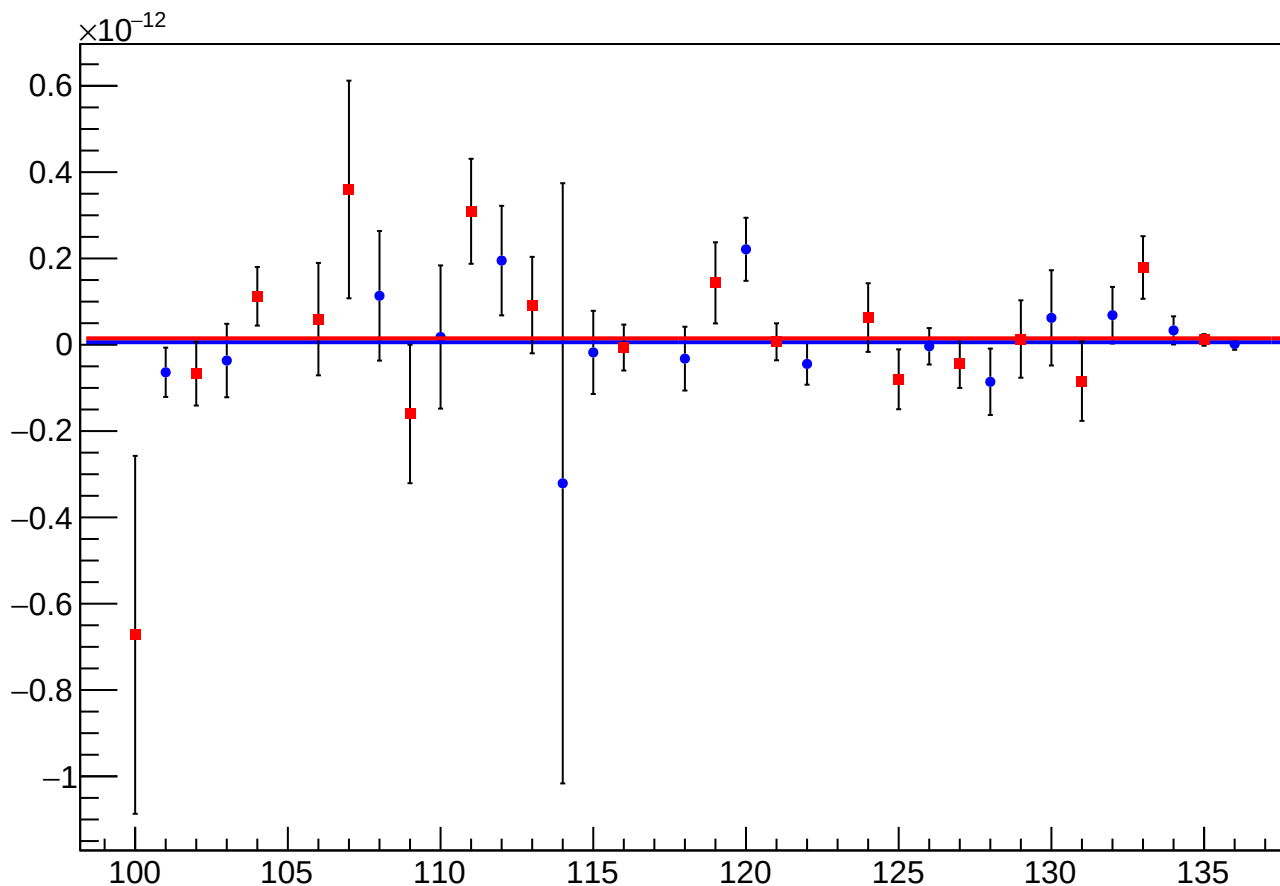
Right: 630.665+/-0.127 χ^2/NDF : 4016367.9/33

In: 591.974+/-0.169 χ^2/NDF : 2035700.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 630.665+/-0.127 χ^2/NDF : 4016367.9/33

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 : 27.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

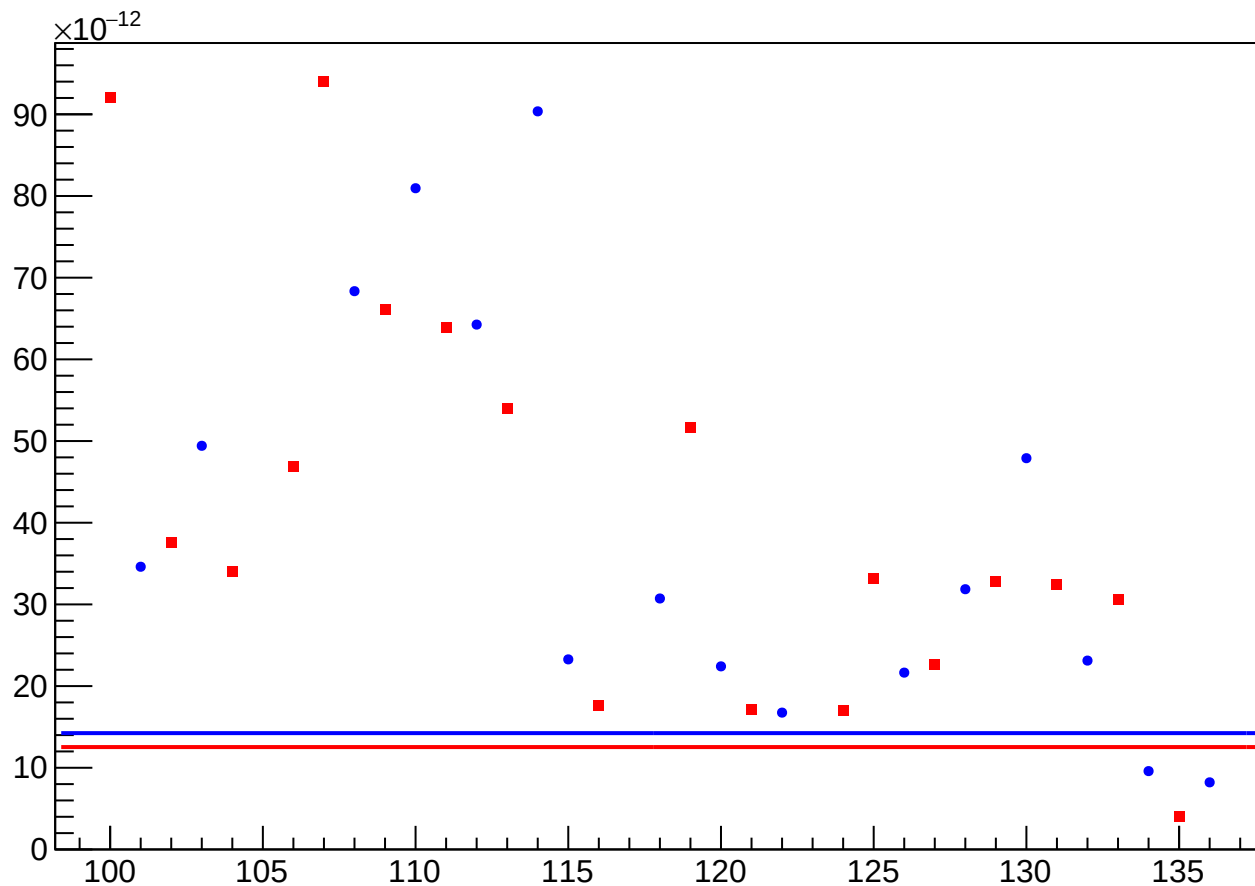
Right: 0.000+/-0.000 χ^2/NDF : 45.9/33

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 : 45.9/33

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 : 3464972.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

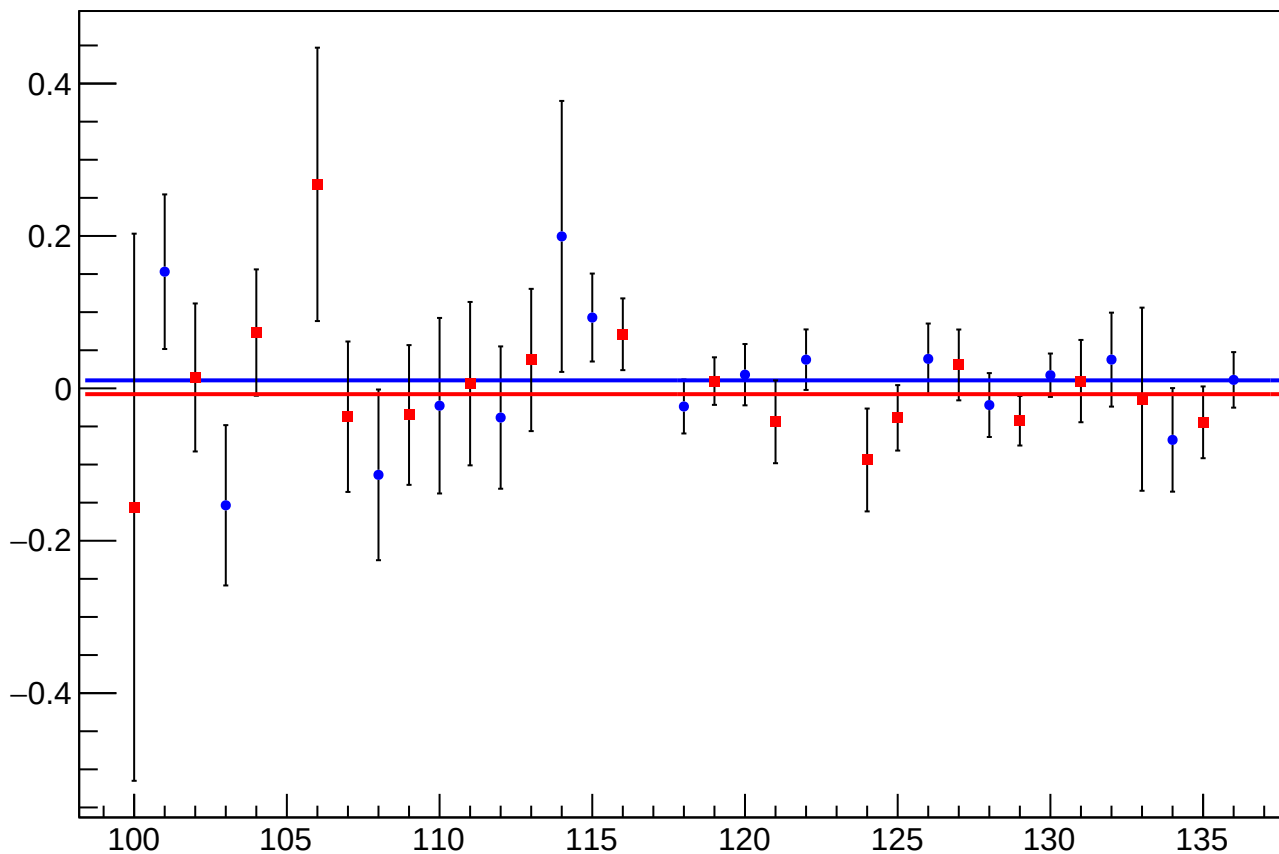
Right: 0.000+/-0.000 χ^2/NDF : 5983739.0/33

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 : 5983739.0/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.2/17

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

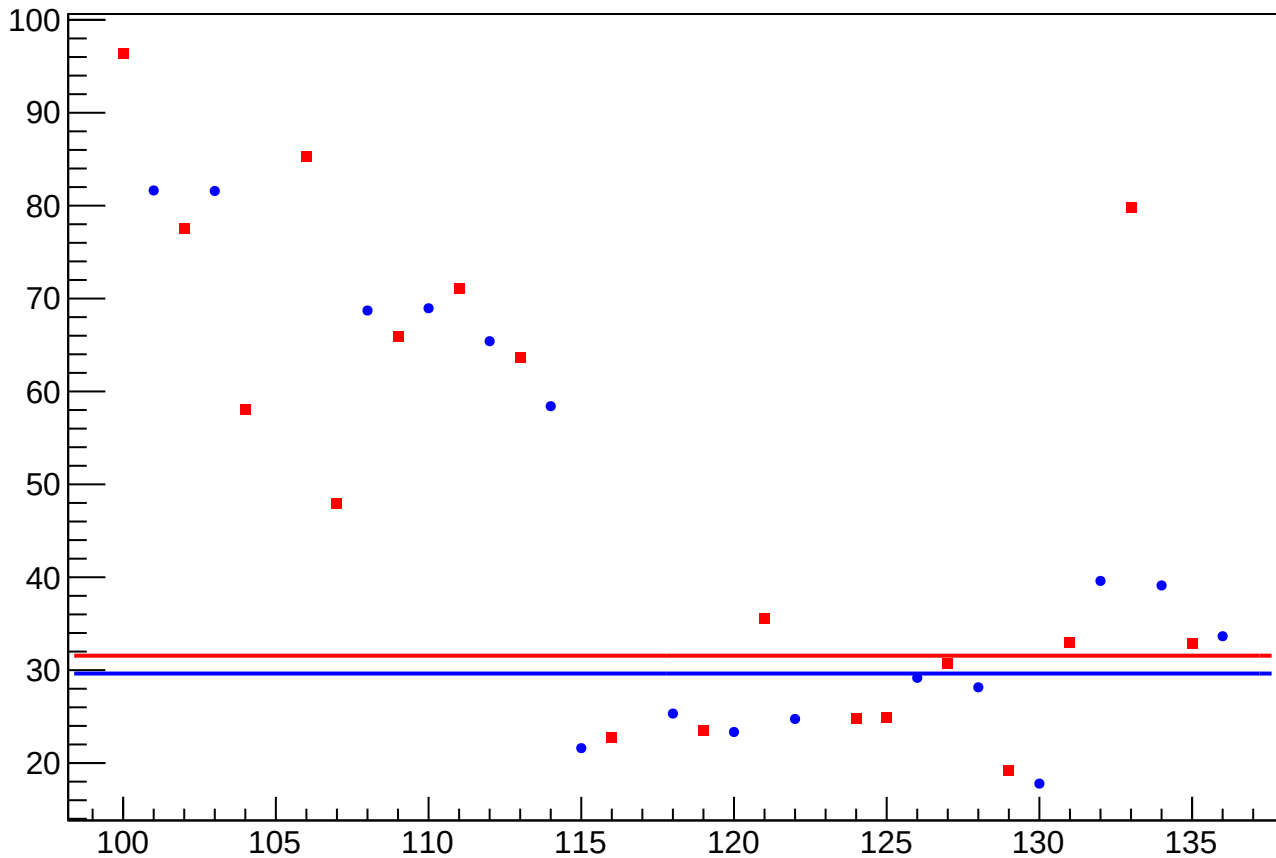
Right: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 31.559+/-0.009 χ^2/NDF : 2640686.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

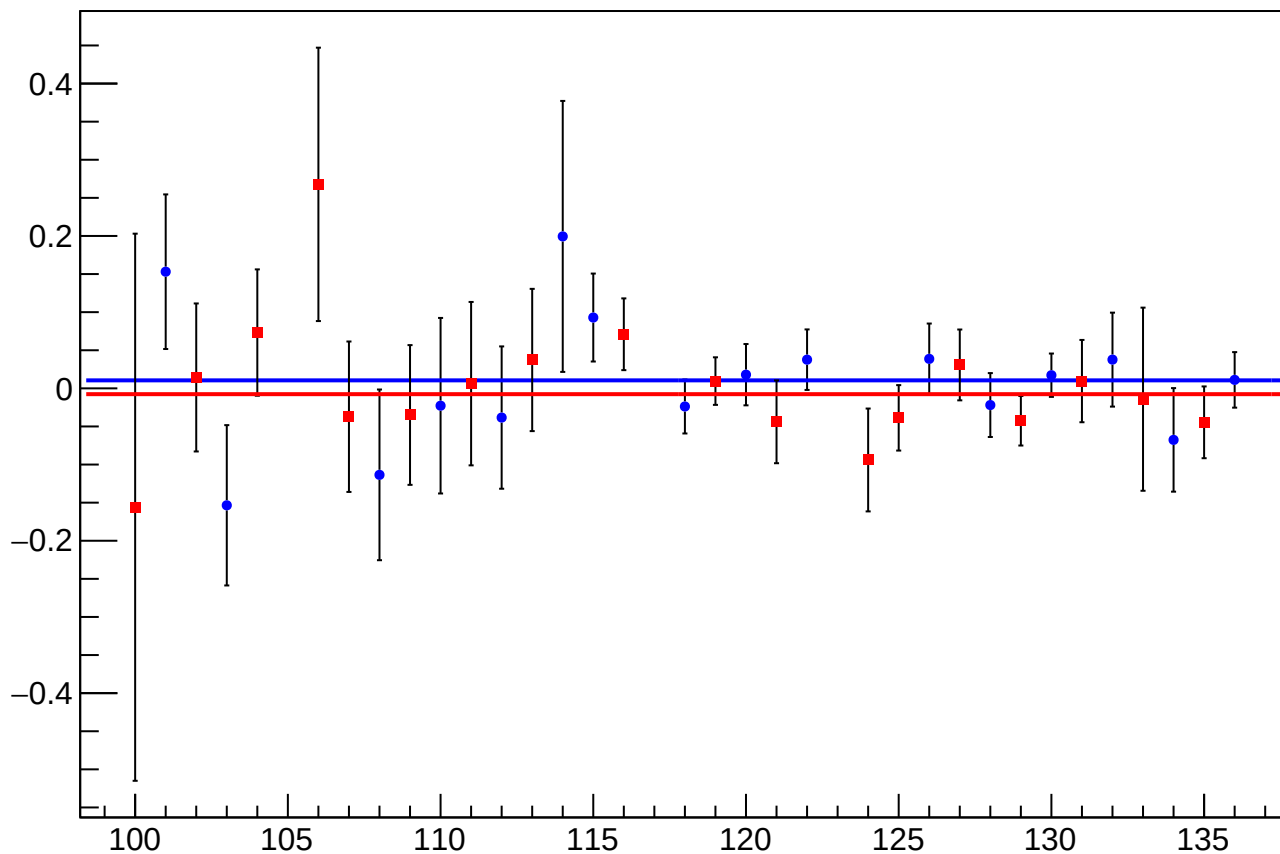
Right: 30.534+/-0.006 χ^2/NDF : 5111099.7/33

In: 29.635+/-0.009 χ^2/NDF : 2448468.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.534+/-0.006 χ^2/NDF : 5111099.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.2/17

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

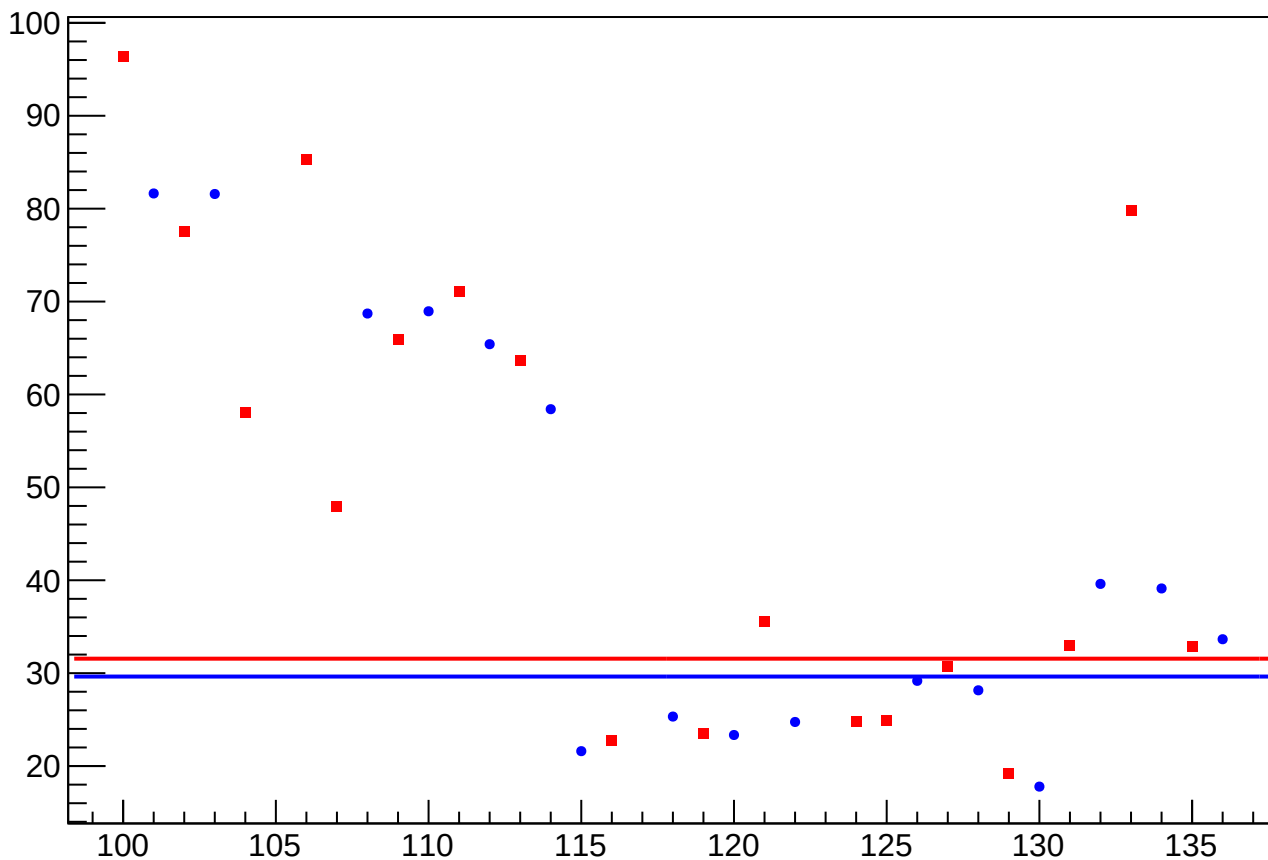
Right: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 31.559+/-0.009 χ^2/NDF : 2640686.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

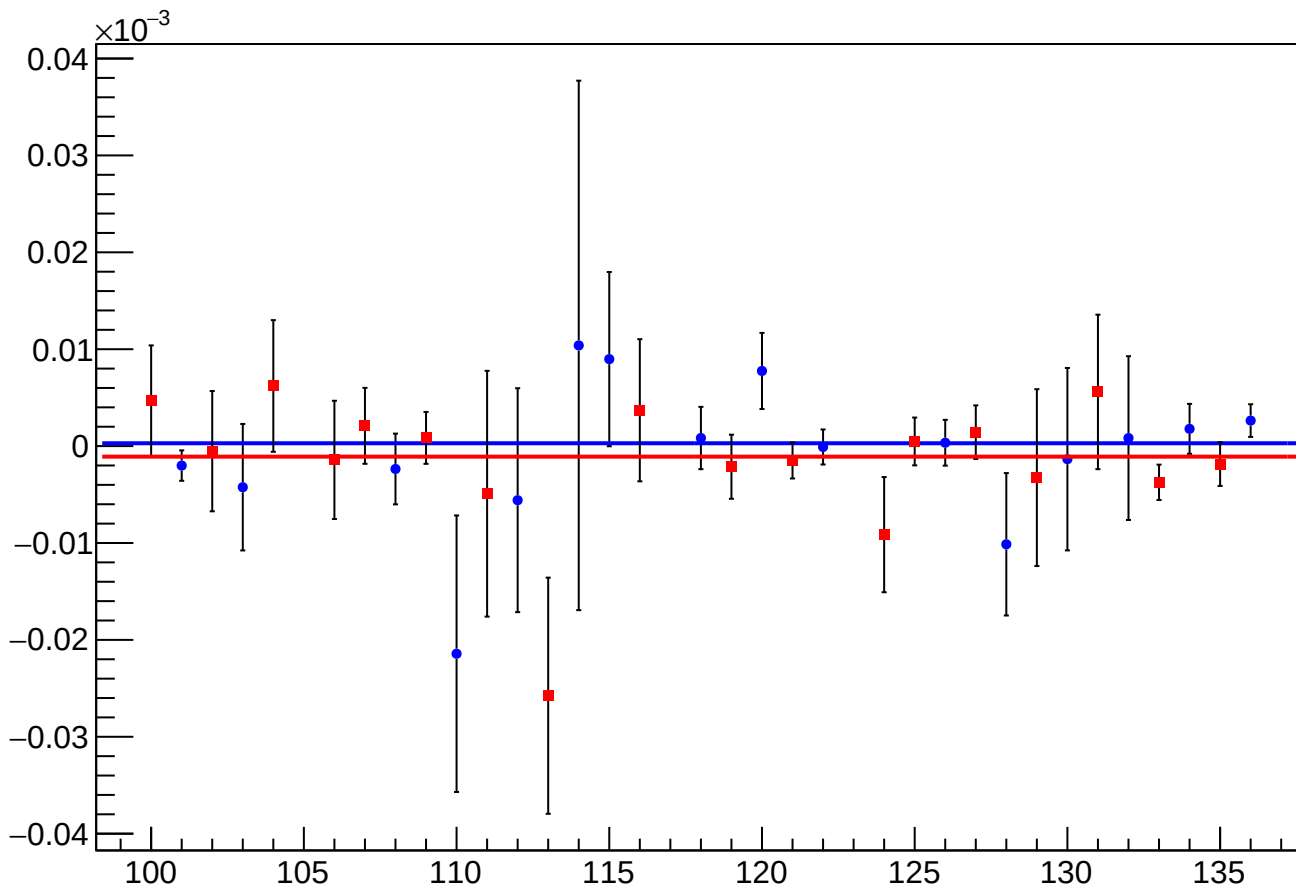
Right: 30.534+/-0.006 χ^2/NDF : 5111099.7/33

In: 29.635+/-0.009 χ^2/NDF : 2448468.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.534+/-0.006 χ^2/NDF : 5111099.7/33

asym_sam_1526_avg_eigen_dit_vs_dit_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: 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

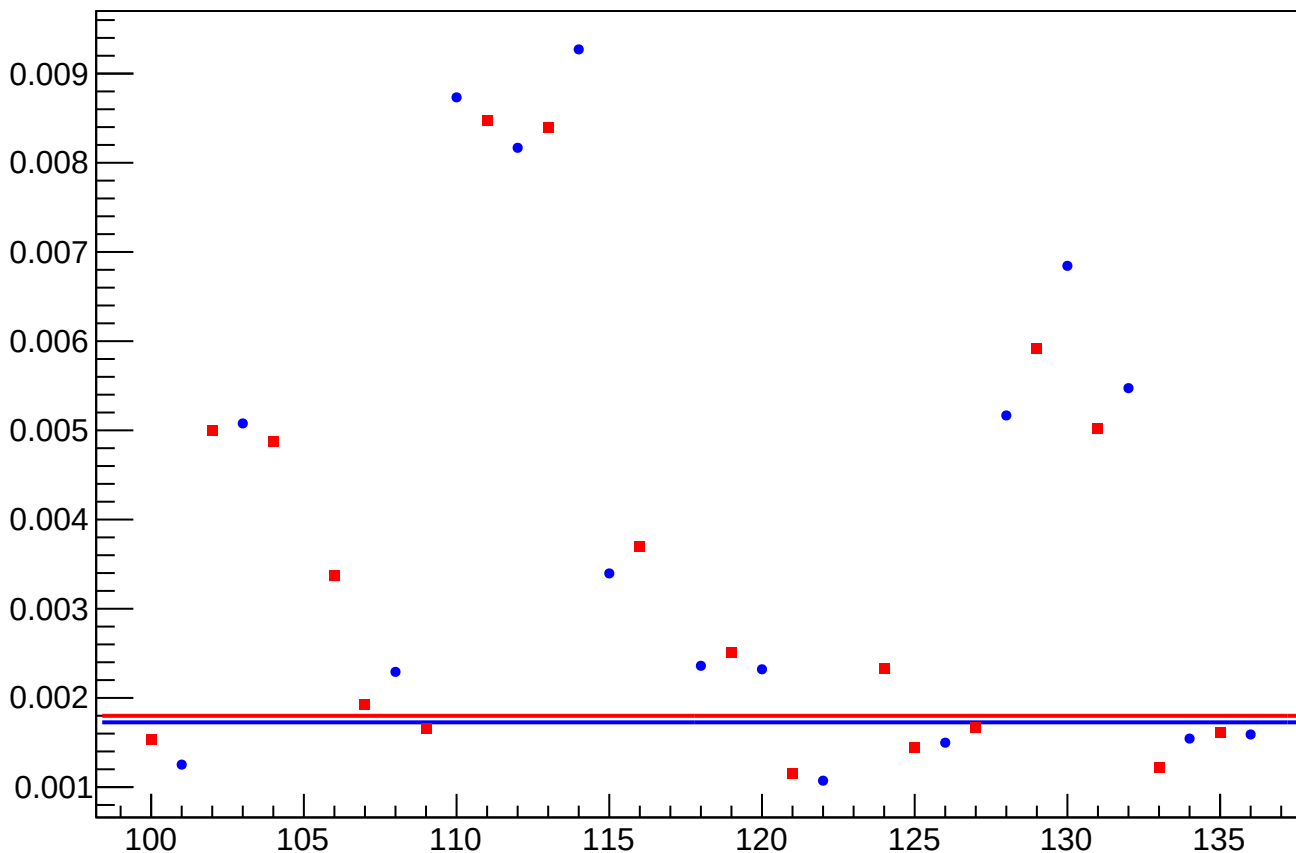
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.6/33

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: 30.6/33

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 : 3704465.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

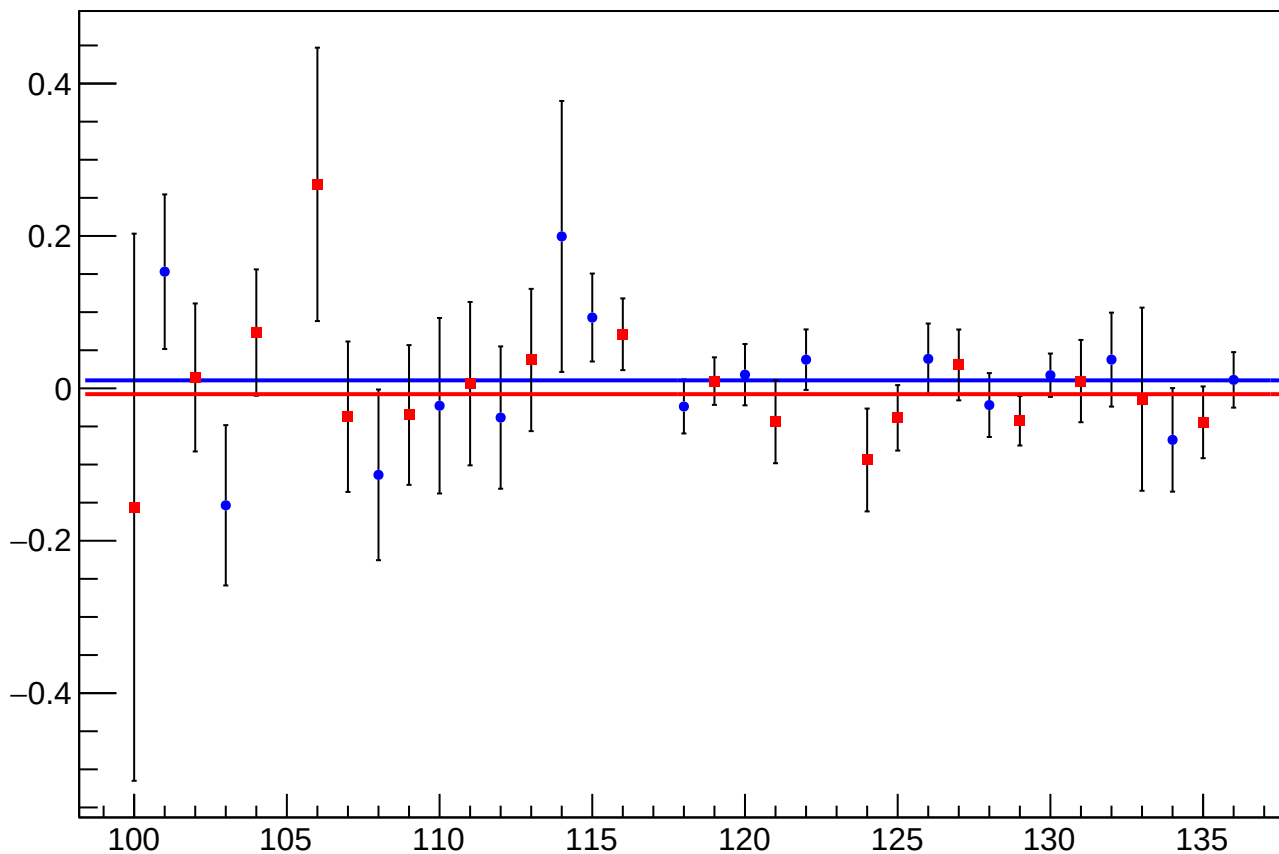
Right: 0.002+/-0.000 χ^2/NDF : 7645533.7/33

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 : 7645533.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.2/17

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

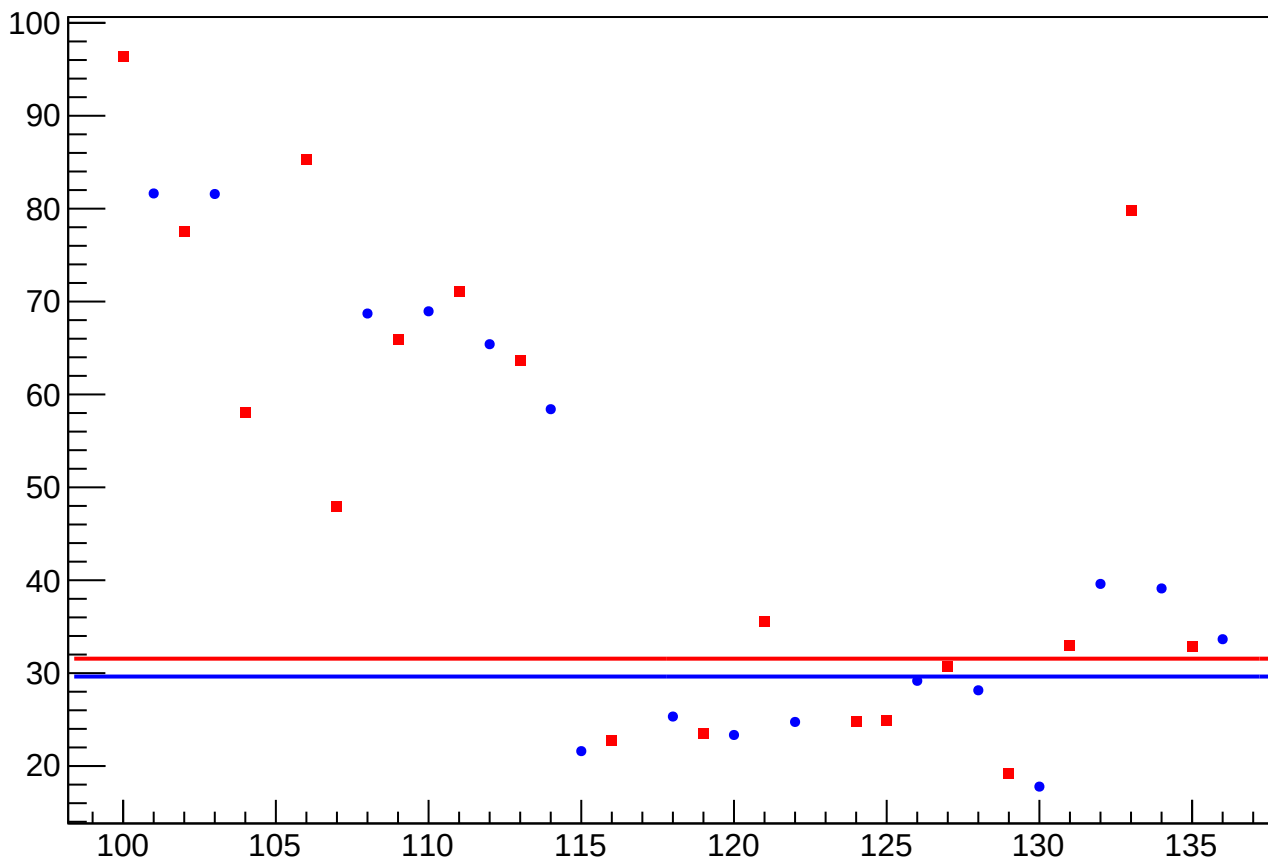
Right: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 31.557+/-0.009 χ^2/NDF : 2640848.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

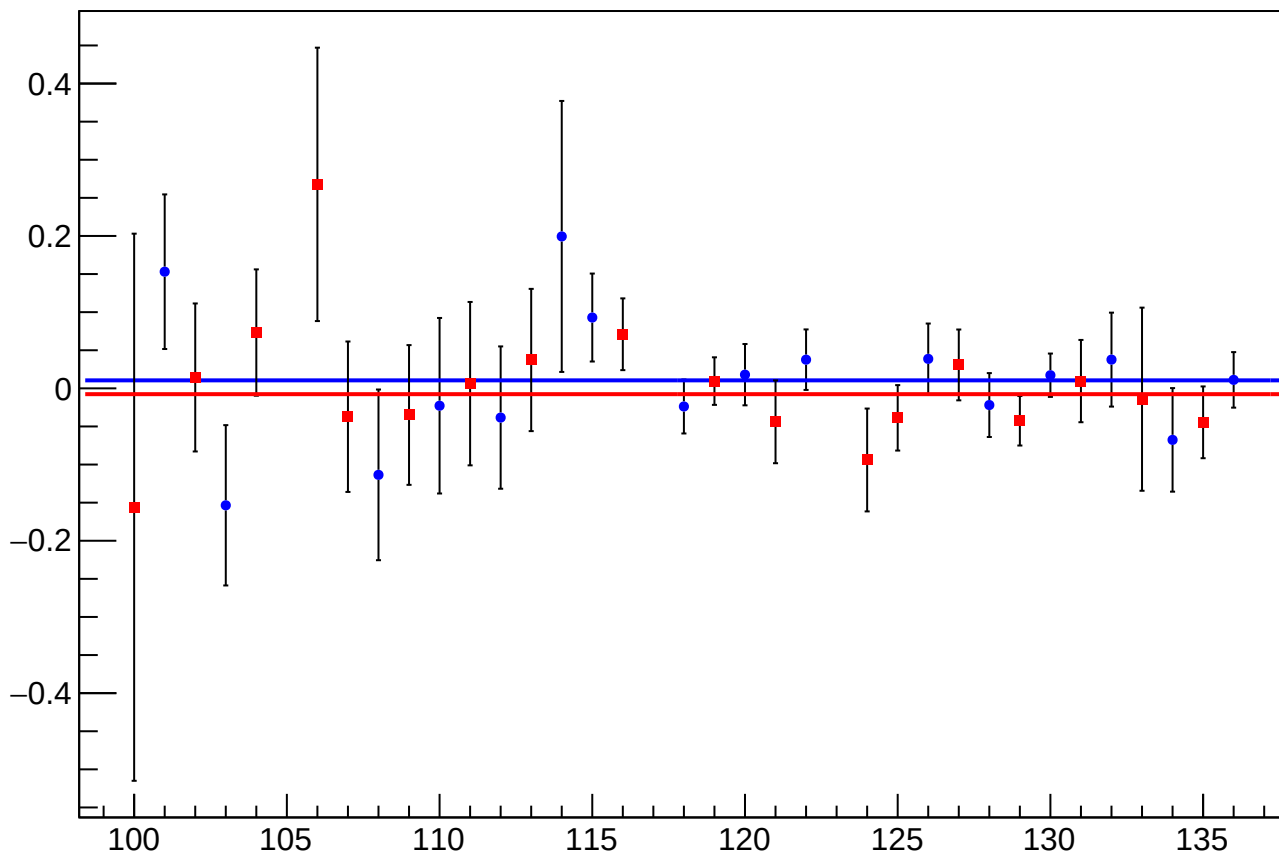
Right: 30.533+/-0.006 χ^2/NDF : 5111464.4/33

In: 29.633+/-0.009 χ^2/NDF :2448670.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 30.533+/-0.006 χ^2/NDF : 5111464.4/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 12.2/17

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

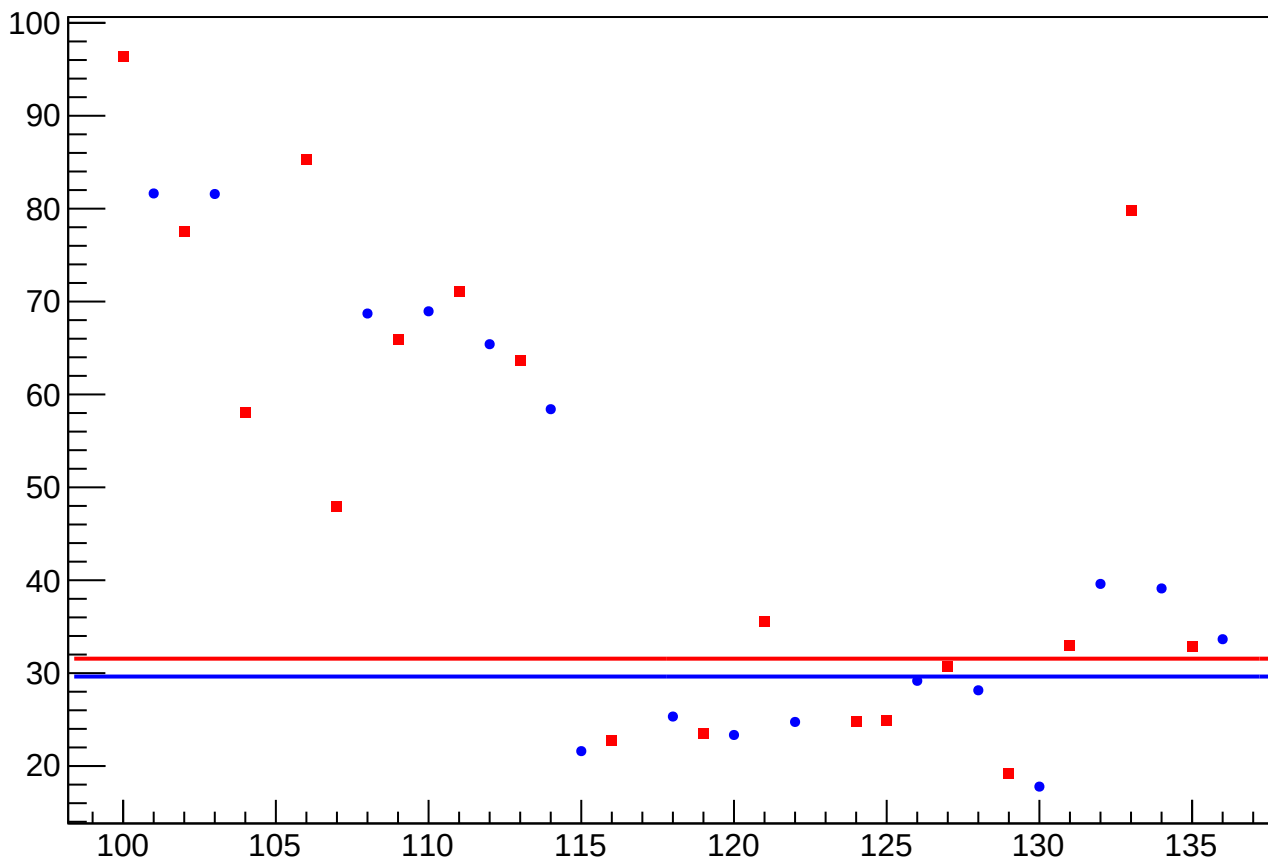
Right: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 0.002 $\pm$ 0.009 χ^2 /NDF: 26.3/33

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: 31.557+/-0.009 χ^2/NDF : 2640848.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

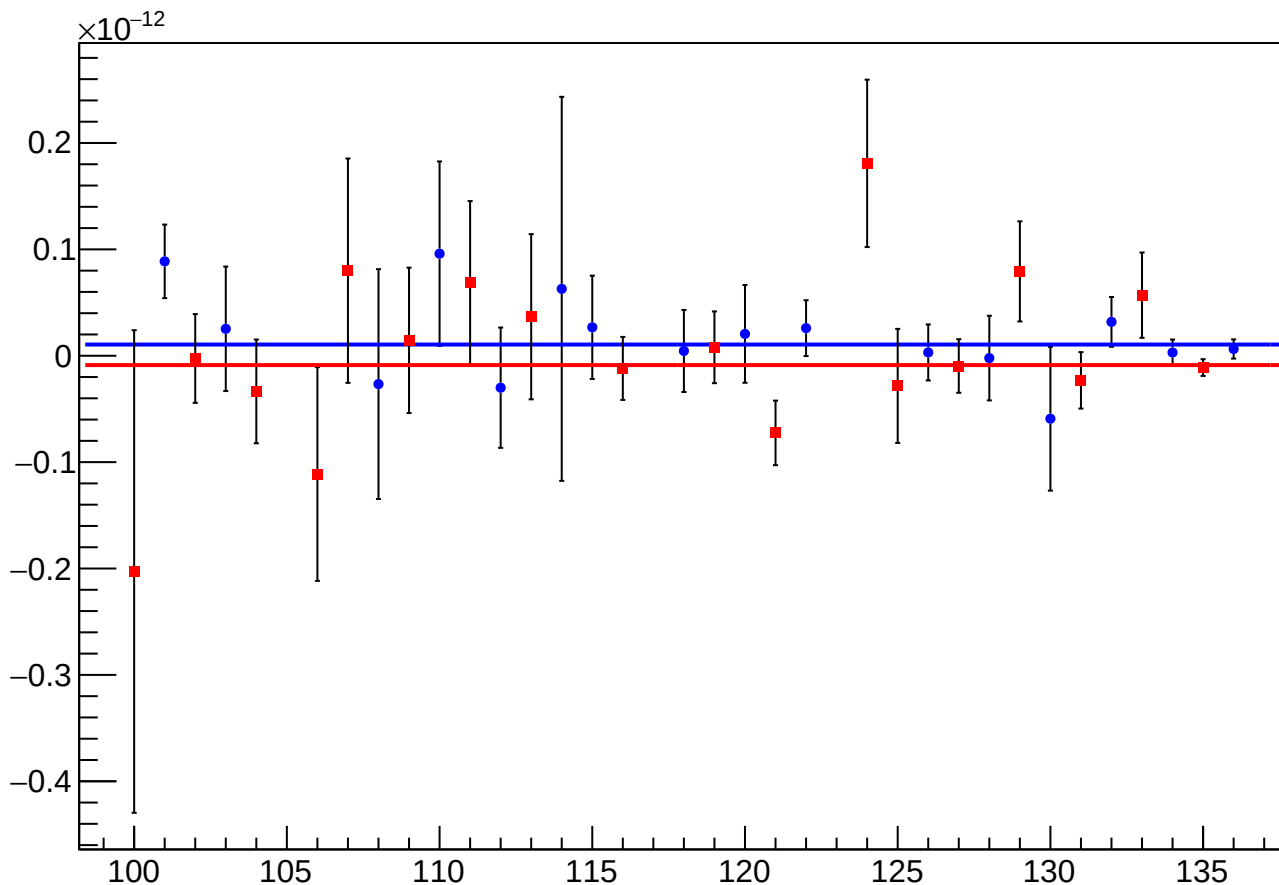
Right: 30.533+/-0.006 χ^2/NDF : 5111464.4/33

In: 29.633+/-0.009 χ^2/NDF : 2448670.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.533+/-0.006 χ^2/NDF : 5111464.4/33

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 10.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 21.4/17

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

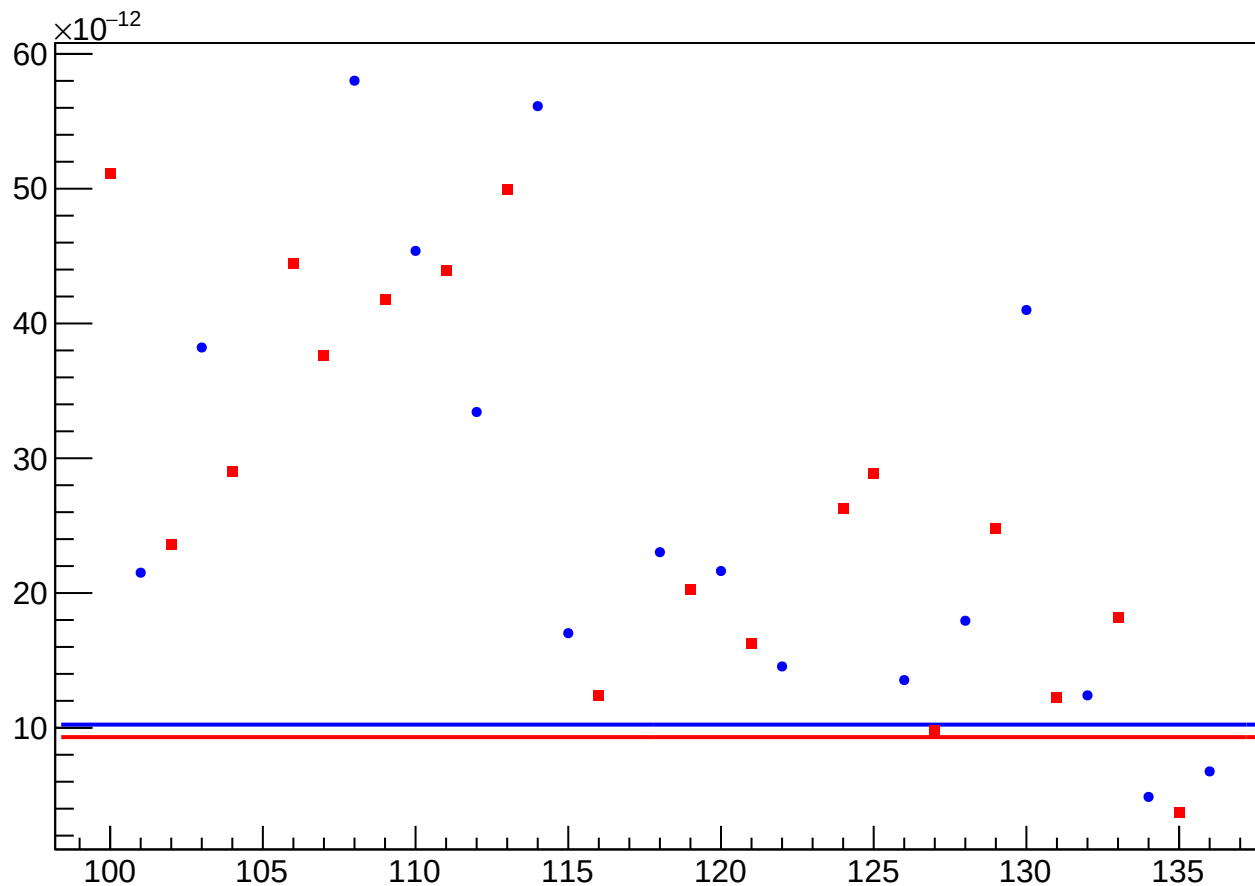
Right: 0.000 $\pm$ 0.000 χ^2/NDF : 36.5/33

In: 0.000 $\pm$ 0.000 χ^2/NDF : 10.1/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 36.5/33

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 : 4477526.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

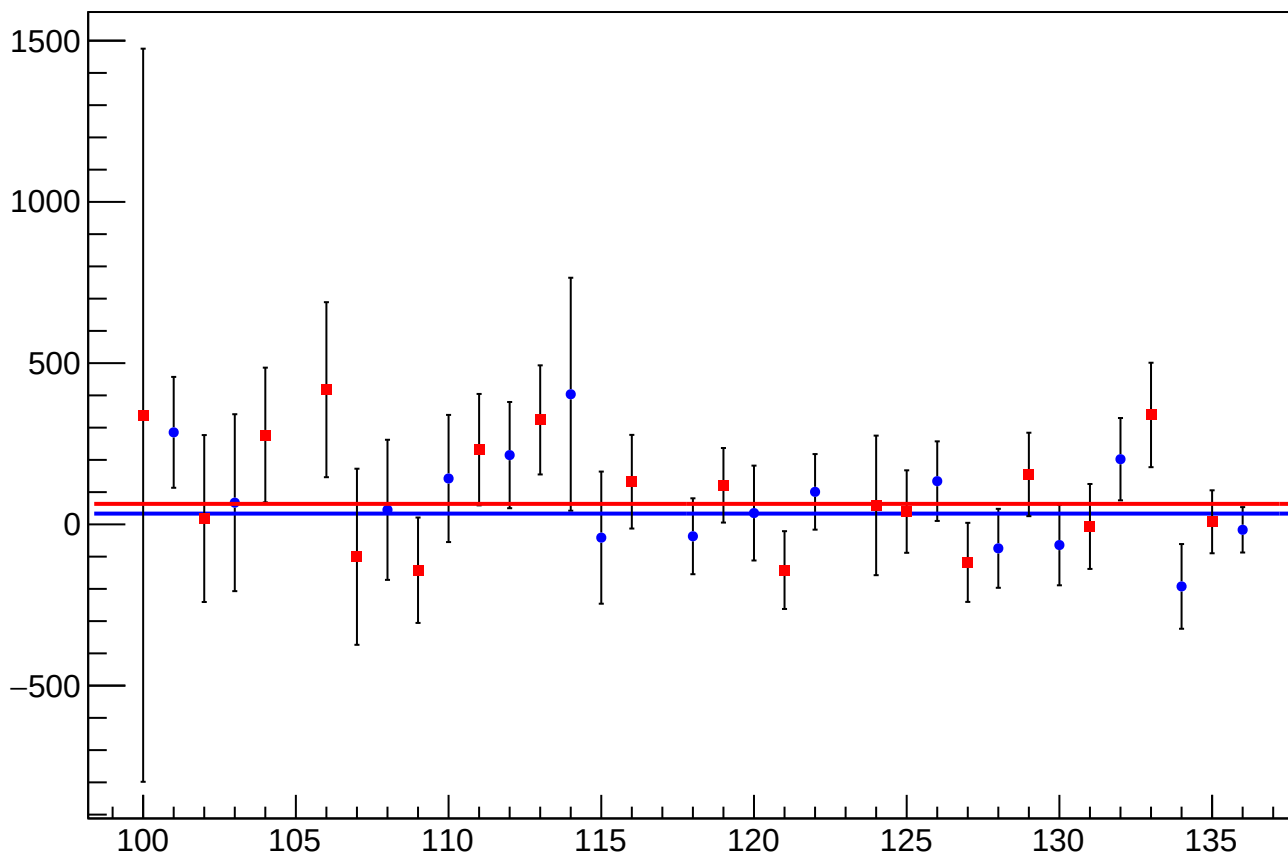
Right: 0.000+/-0.000 χ^2/NDF : 8012161.7/33

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 : 8012161.7/33

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: 63.599+/-35.991 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

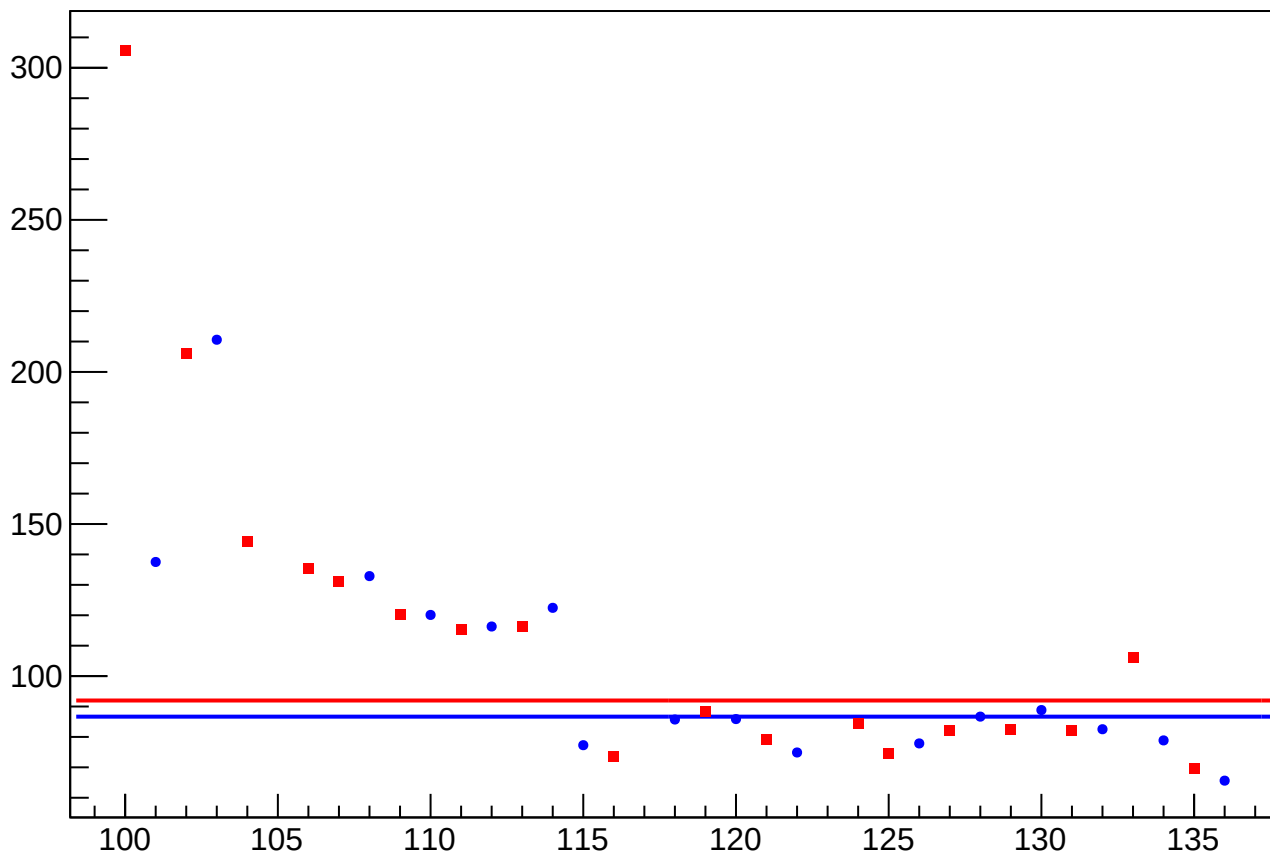
Right: 47.605+/-24.670 χ^2/NDF : 30.9/33

In: 33.431+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.605+/-24.670 χ^2/NDF : 30.9/33

reg_asym_sam_3726_avg_rms vs Slug, Sign Corrected



Right In: 86.666+/-0.024 χ^2/NDF : 1038813.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.974+/-0.025 χ^2/NDF : 1067838.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

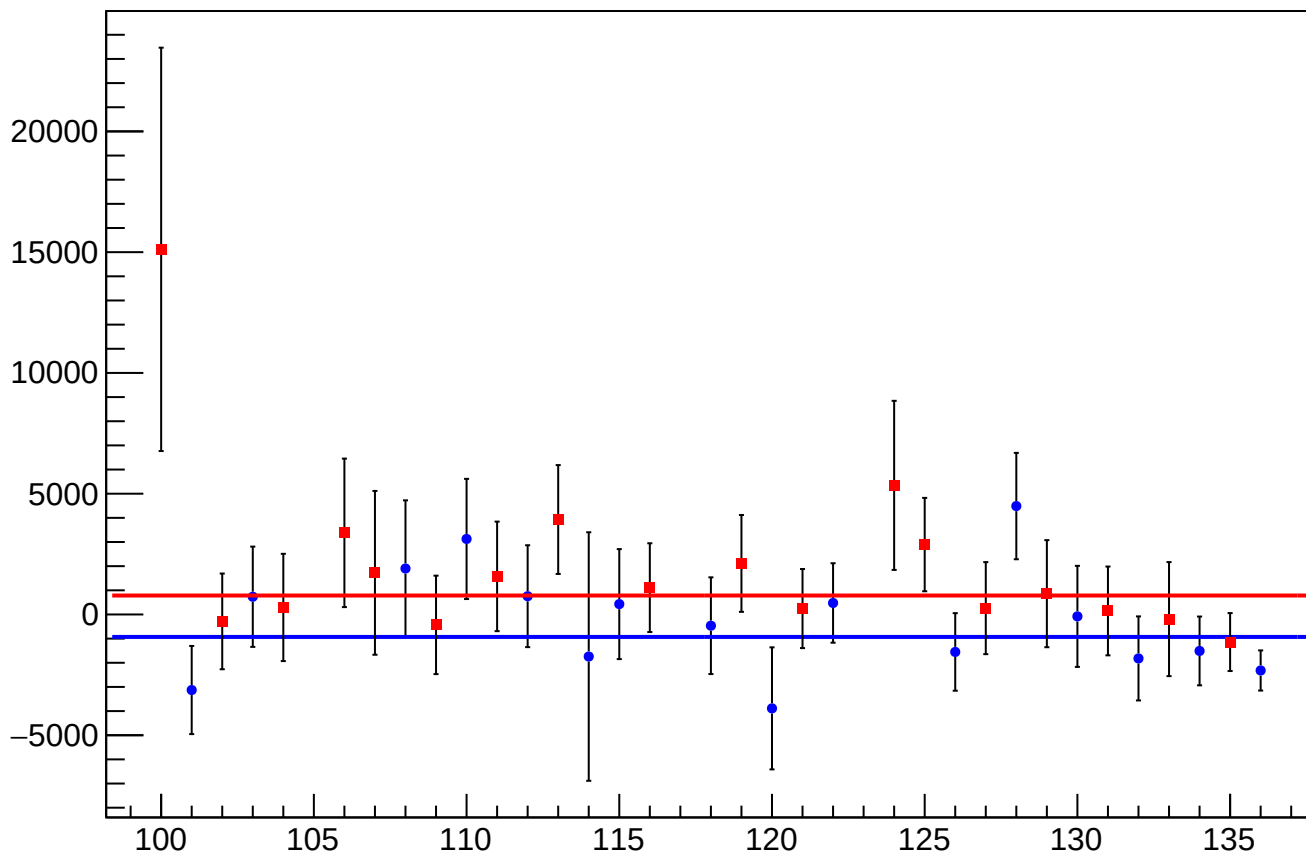
Right: 89.160+/-0.017 χ^2/NDF : 2129713.9/33

In: 86.666+/-0.024 χ^2/NDF : 1038813.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.160+/-0.017 χ^2/NDF : 2129713.9/33

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: 784.574+/-487.146 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

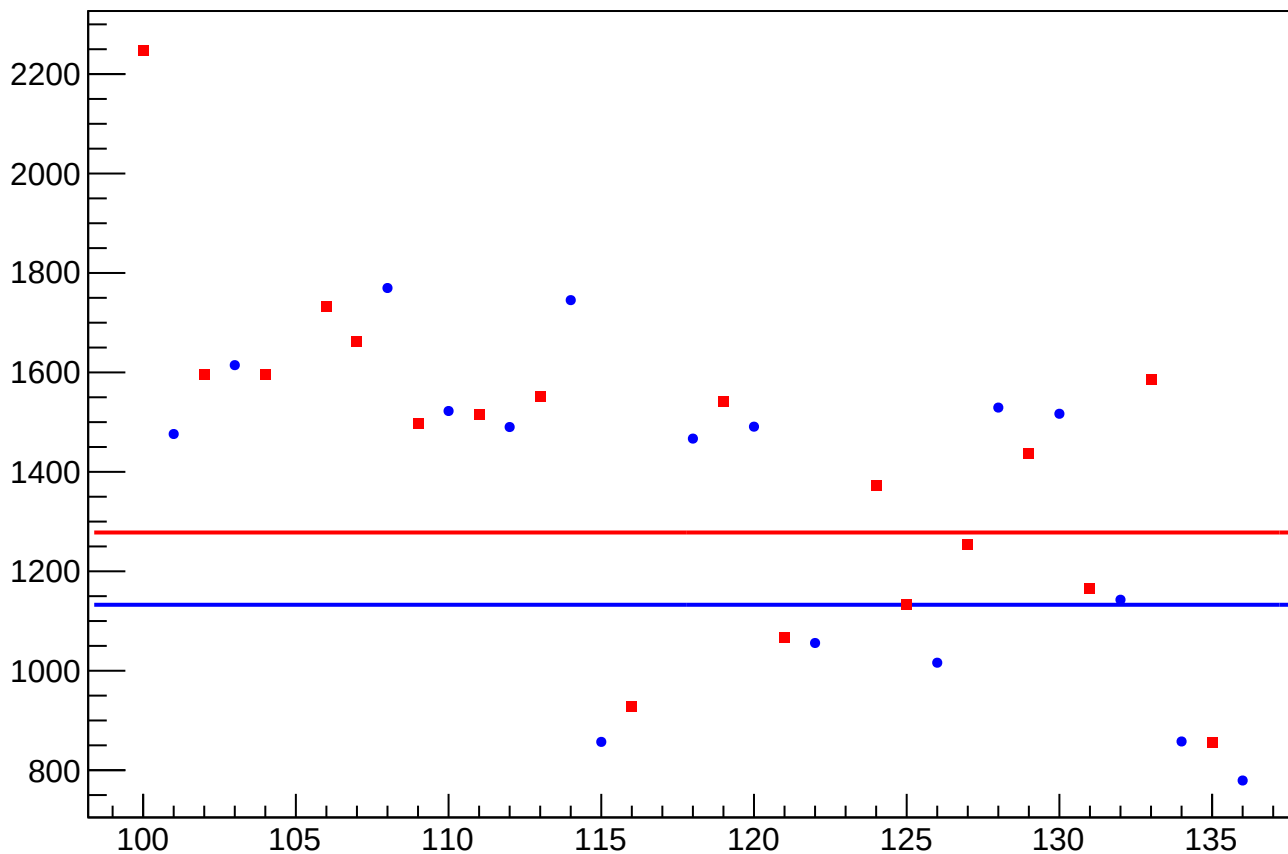
Right: -157.857+/-326.891 χ^2/NDF : 38.3/33

In: -929.821+/-440.893 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.857+/-326.891 χ^2/NDF : 38.3/33

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: 1278.054+/-0.344 χ^2/NDF : 717147.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

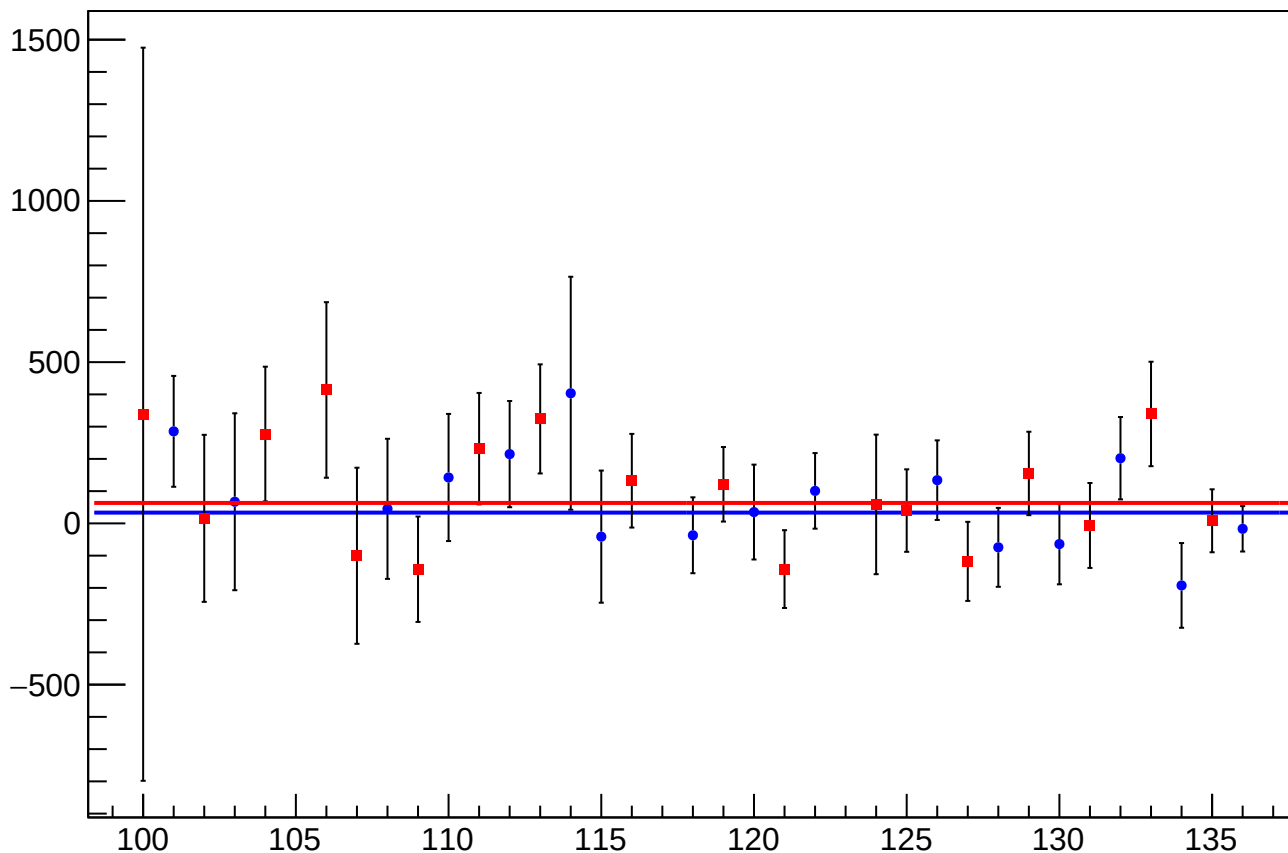
Right: 1198.144+/-0.231 χ^2/NDF : 1939197.1/33

In: 1132.688+/-0.312 χ^2/NDF : 1124151.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1198.144+/-0.231 χ^2/NDF : 1939197.1/33

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: 63.444+/-35.993 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

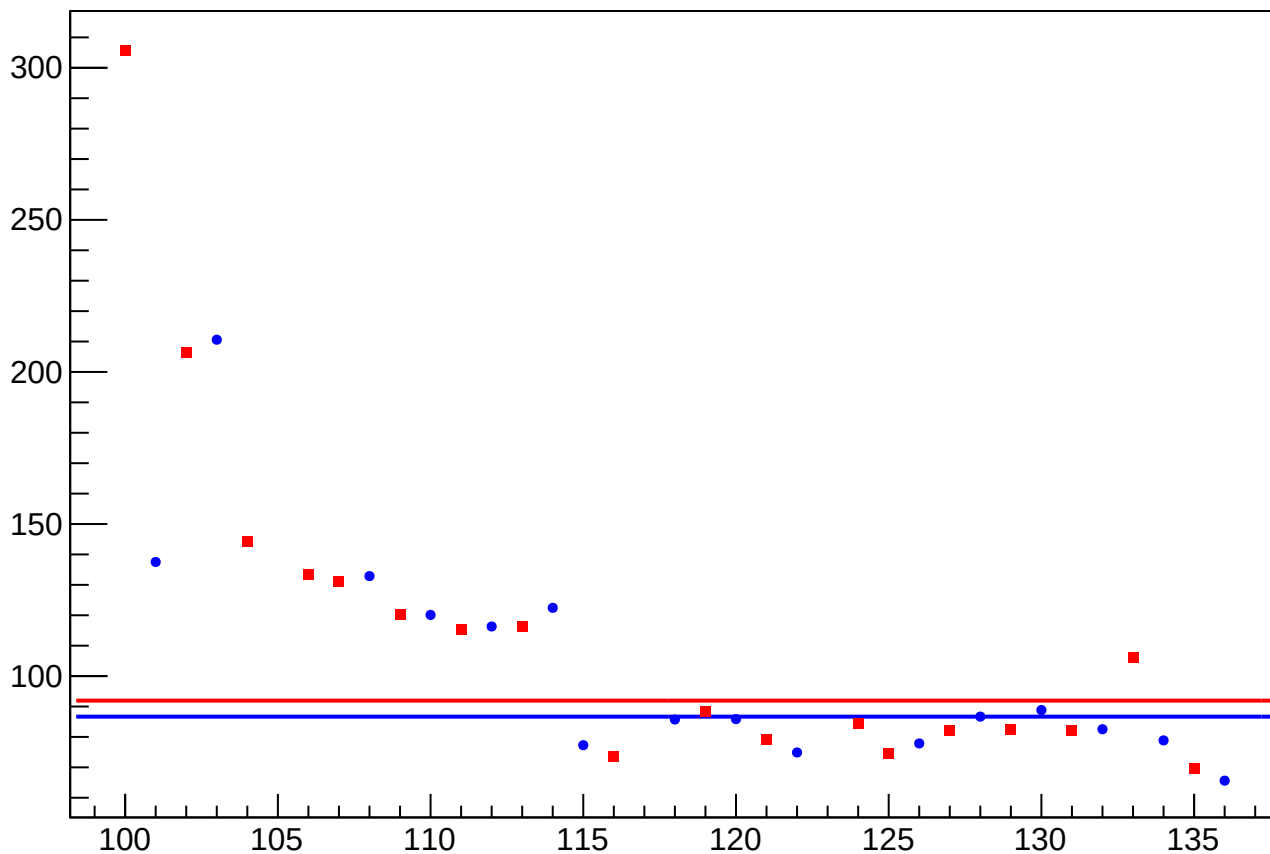
Right: 47.526+/-24.670 χ^2/NDF : 30.8/33

In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.526+/-24.670 χ^2/NDF : 30.8/33

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: 91.935+/-0.025 χ^2/NDF : 1063365.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

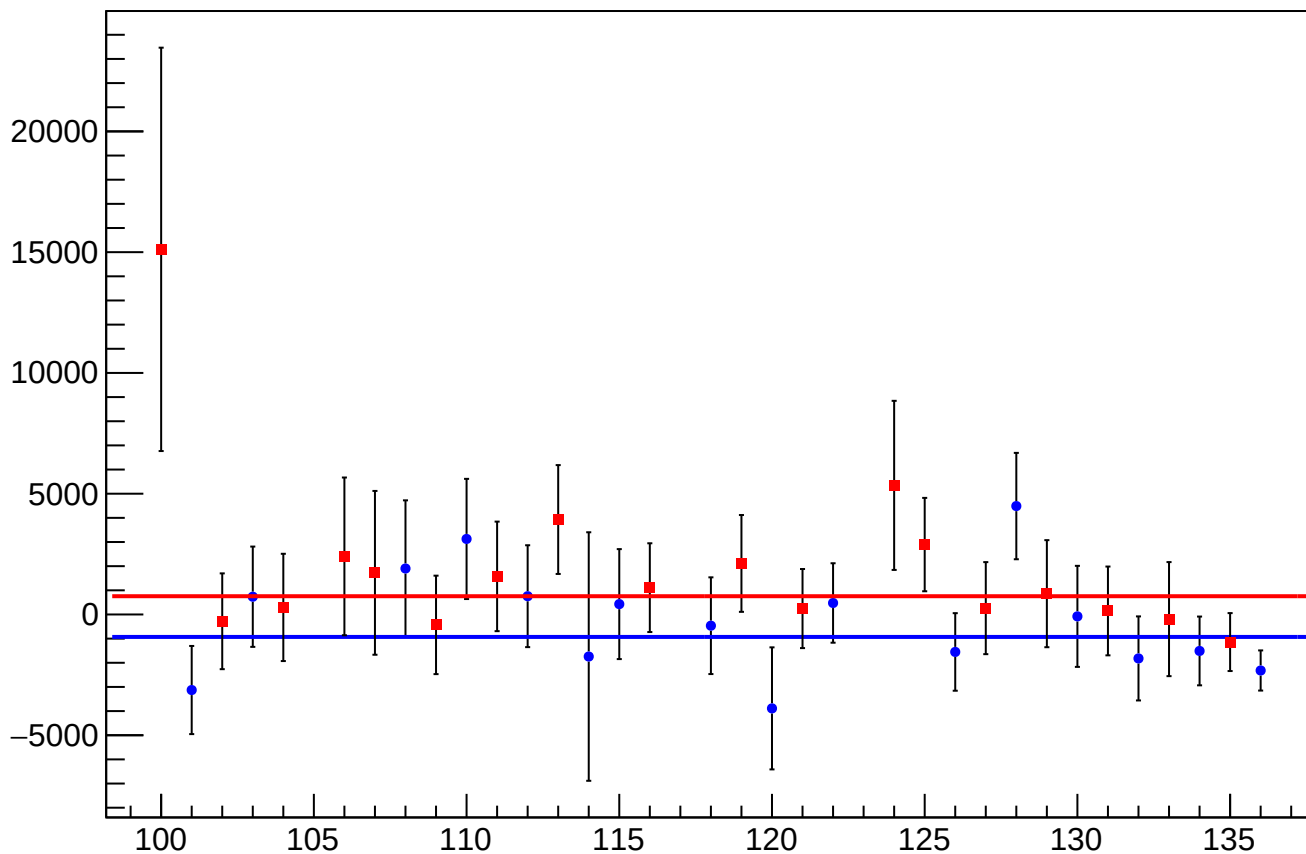
Right: 89.141+/-0.017 χ^2/NDF : 2124902.7/33

In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.141+/-0.017 χ^2/NDF : 2124902.7/33

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: 755.851+/-487.866 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

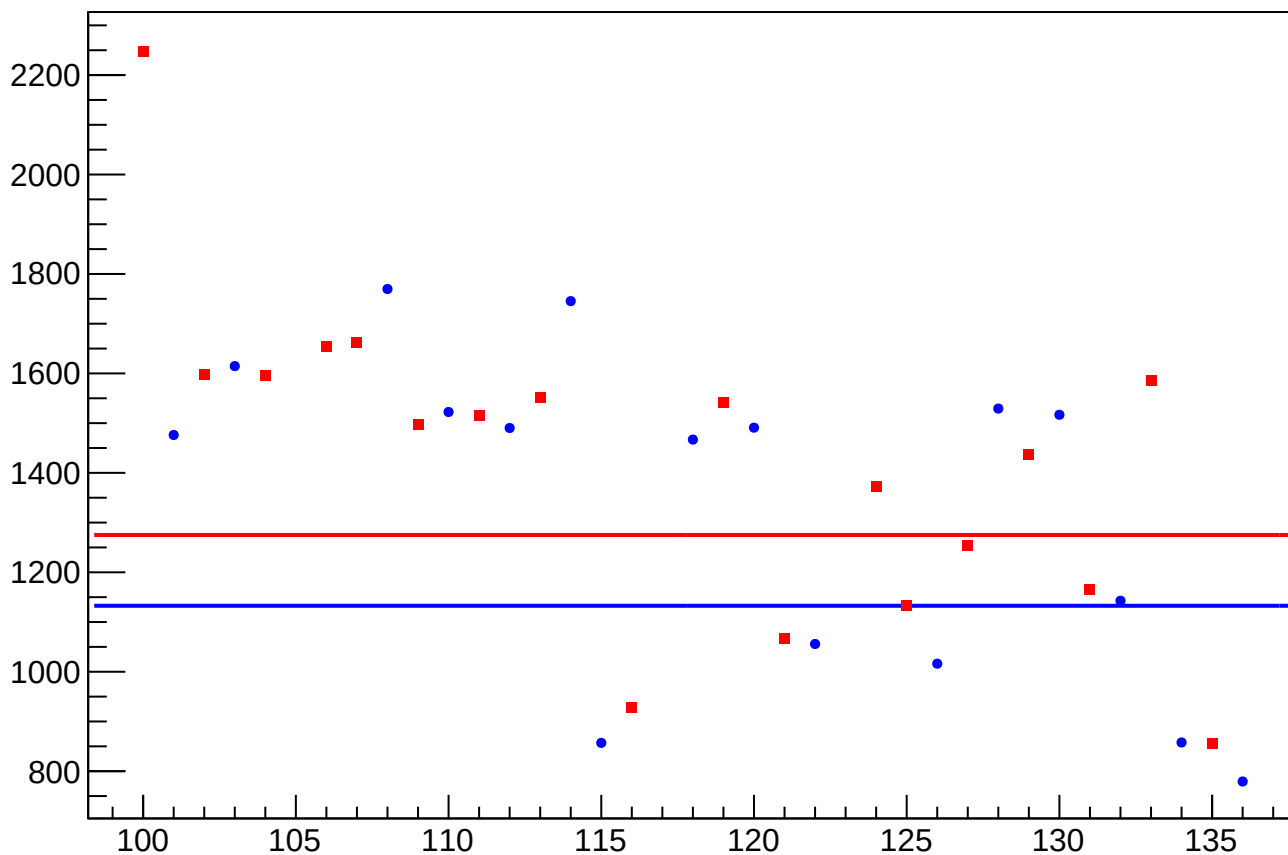
Right: -172.001+/-327.108 χ^2/NDF : 37.5/33

In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.001+/-327.108 χ^2/NDF : 37.5/33

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: 1275.048+/-0.345 χ^2/NDF : 700192.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

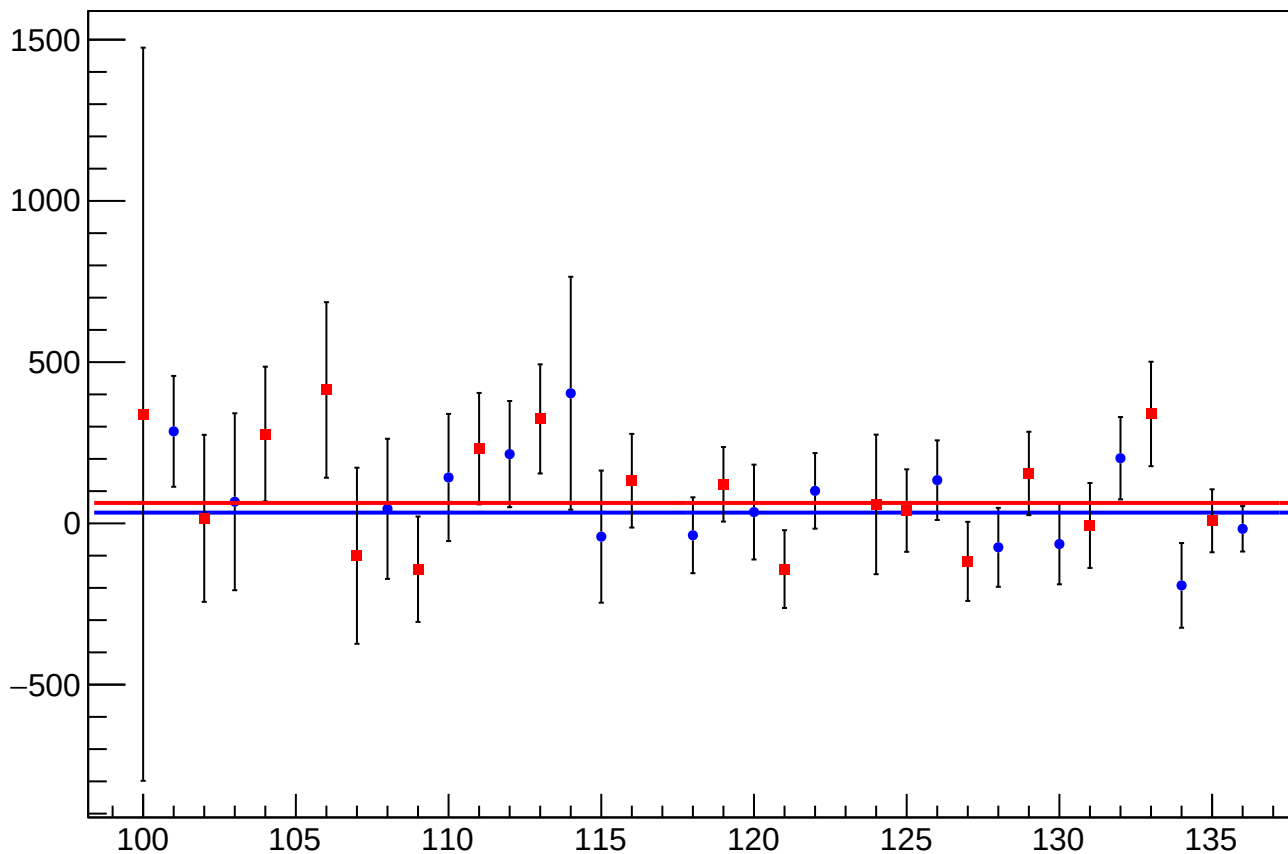
Right: 1196.687+/-0.231 χ^2/NDF : 1918116.6/33

In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.687+/-0.231 χ^2/NDF : 1918116.6/33

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: 63.444+/-35.993 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

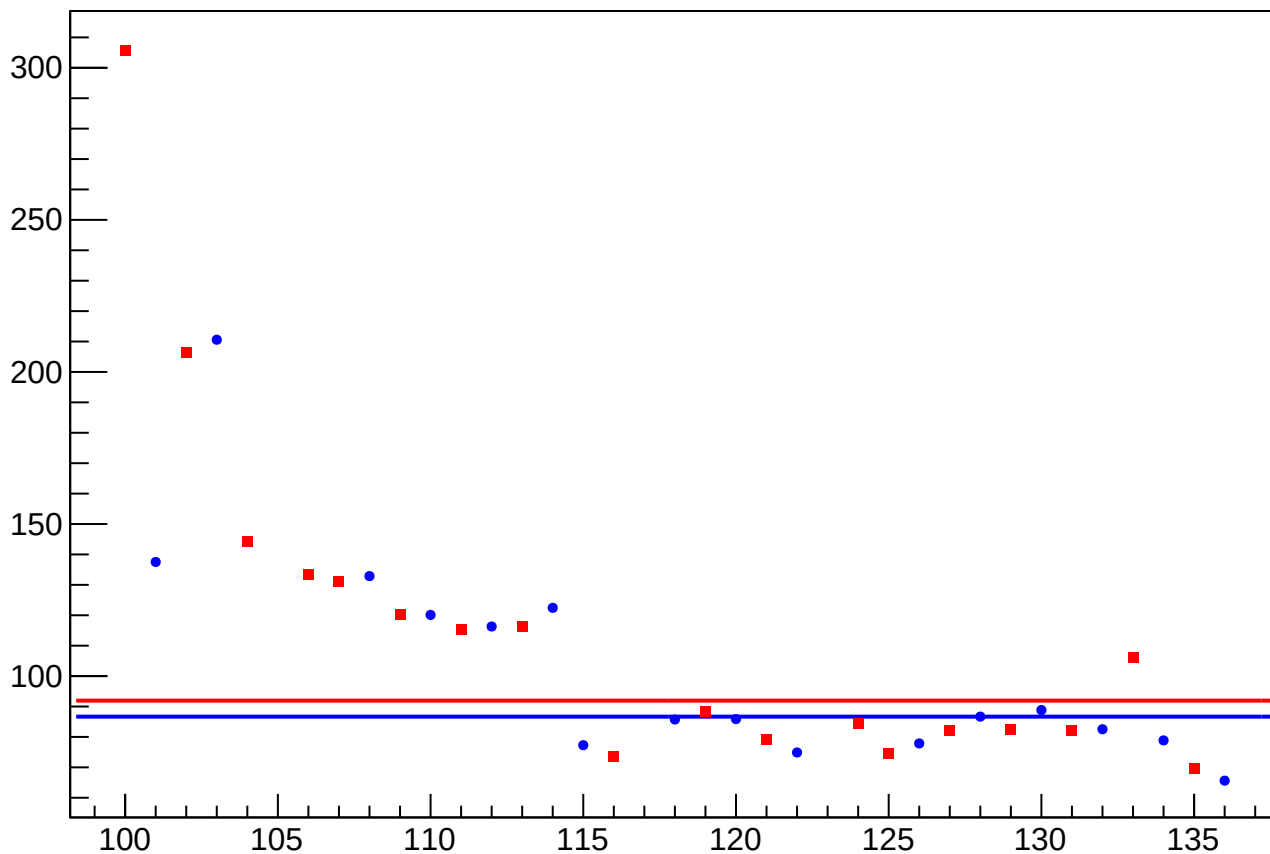
Right: 47.526+/-24.670 χ^2/NDF : 30.8/33

In: 33.422+/-33.881 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.526+/-24.670 χ^2/NDF : 30.8/33

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: 91.935+/-0.025 χ^2/NDF : 1063365.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

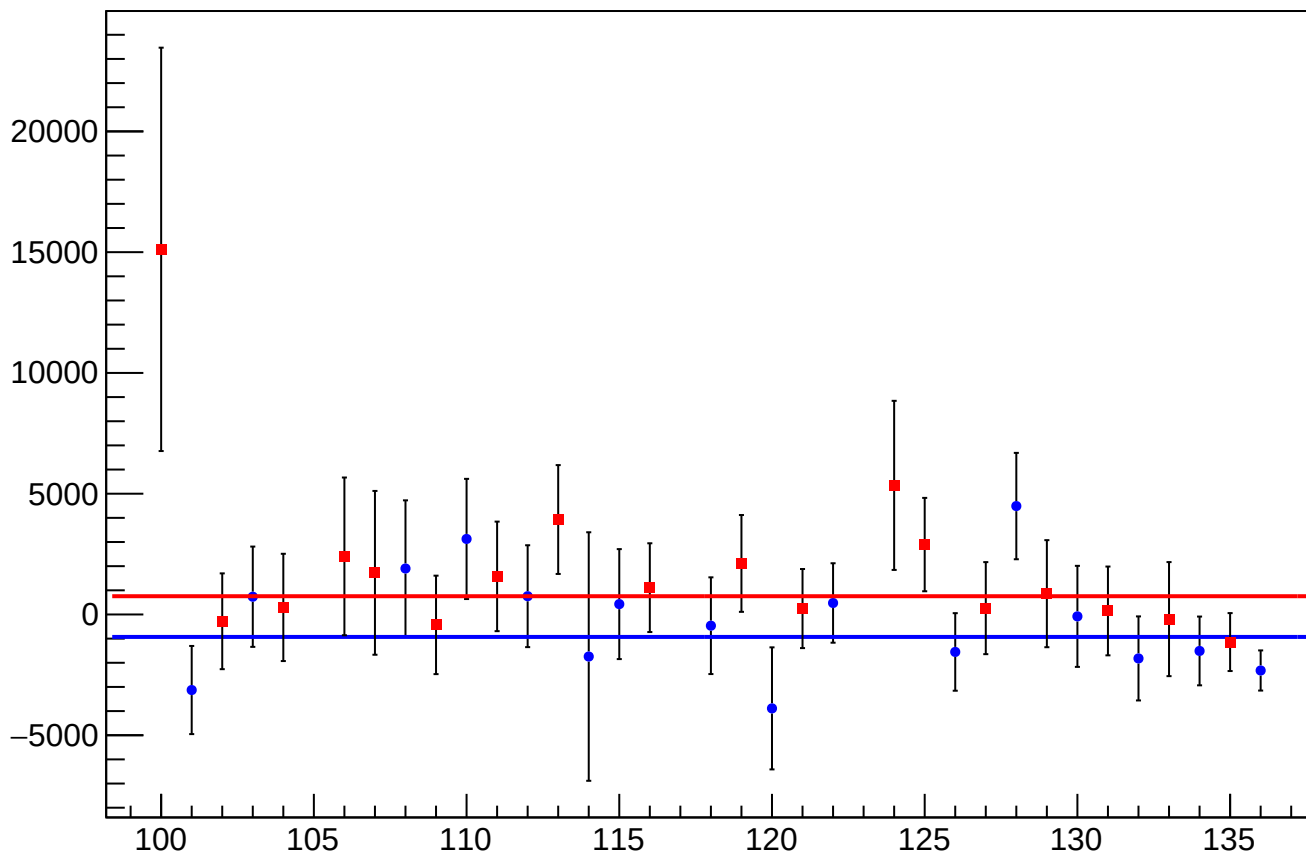
Right: 89.141+/-0.017 χ^2/NDF : 2124902.7/33

In: 86.666+/-0.024 χ^2/NDF : 1038816.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.141+/-0.017 χ^2/NDF : 2124902.7/33

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: 755.851+/-487.866 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

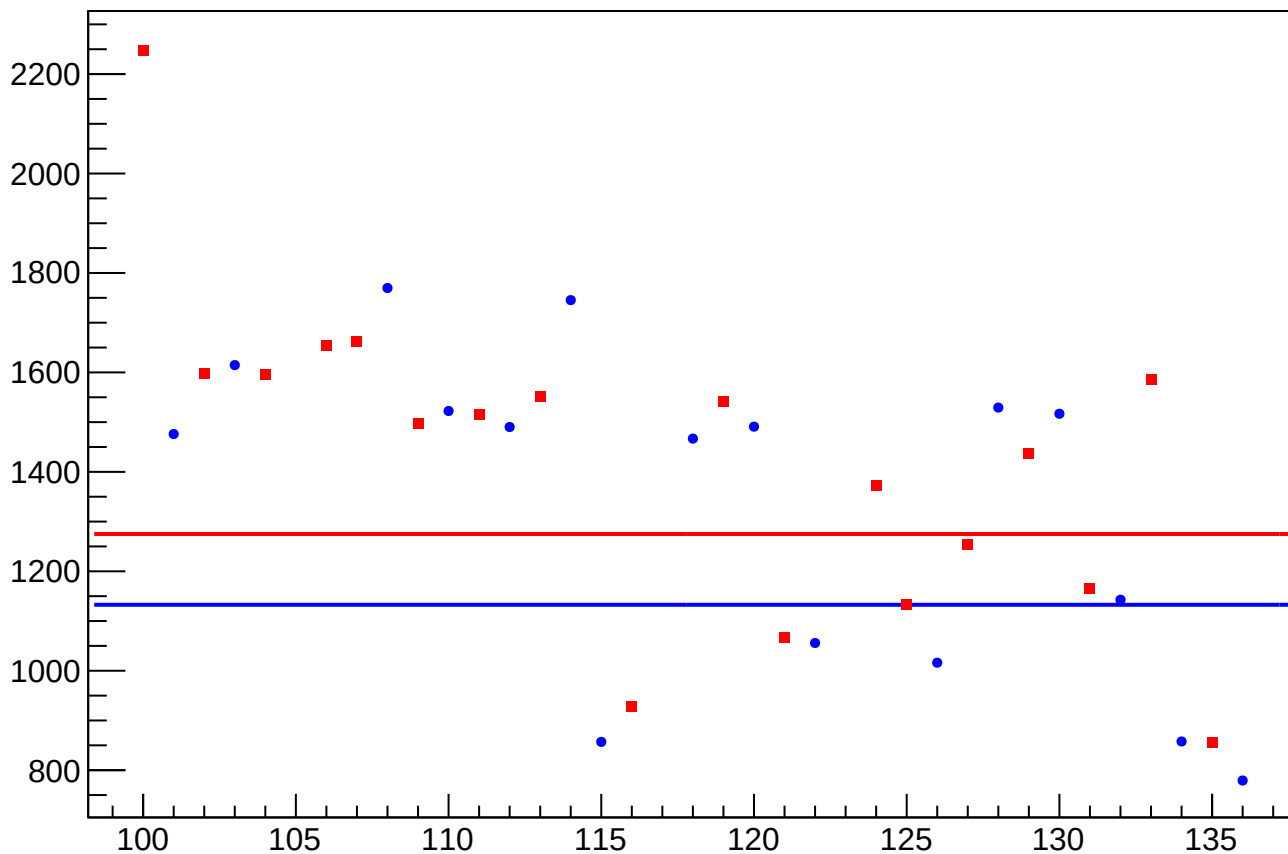
Right: -172.001+/-327.108 χ^2/NDF : 37.5/33

In: -929.788+/-440.894 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -172.001+/-327.108 χ^2/NDF : 37.5/33

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: 1275.048+/-0.345 χ^2/NDF : 700192.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

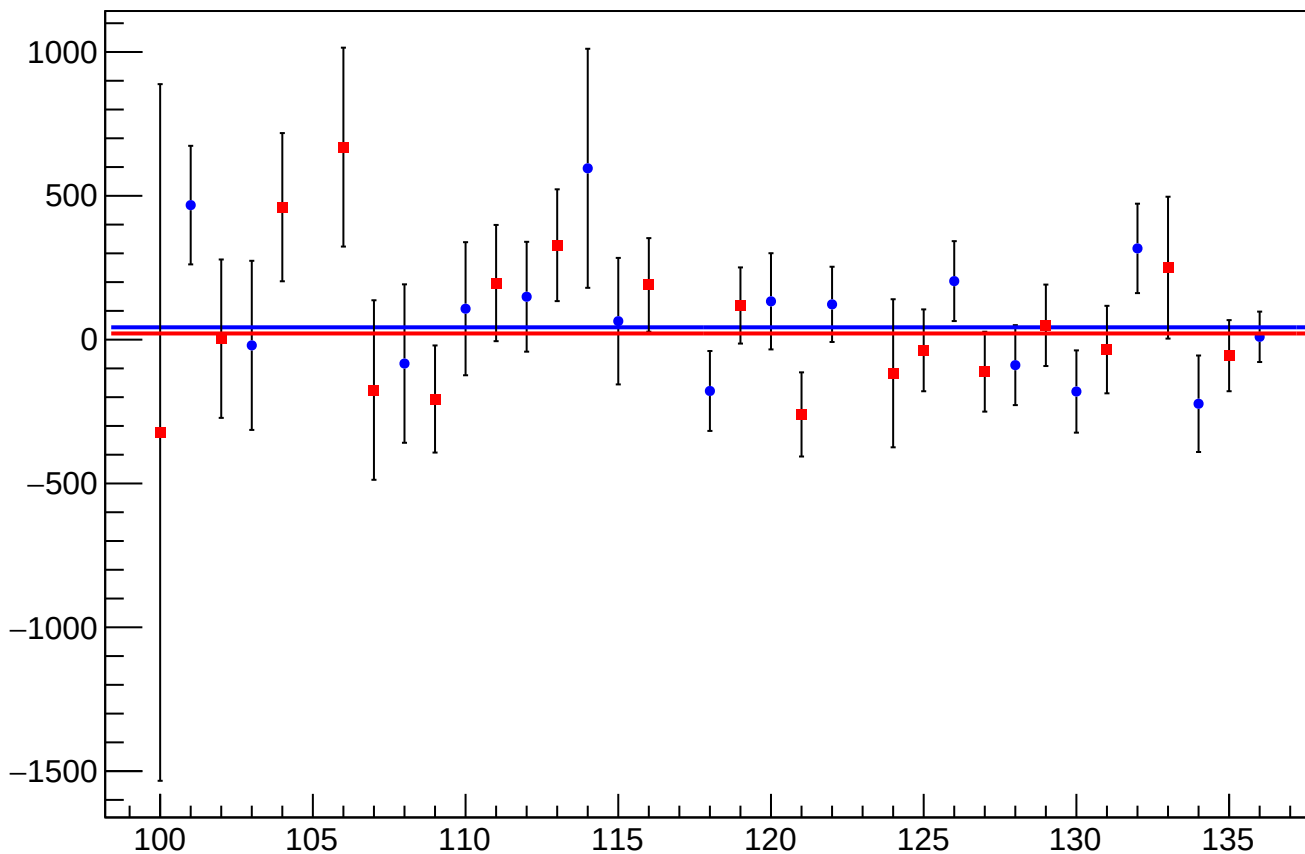
Right: 1196.687+/-0.231 χ^2/NDF : 1918116.6/33

In: 1132.689+/-0.312 χ^2/NDF : 1124187.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1196.687+/-0.231 χ^2/NDF : 1918116.6/33

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: 21.464 $\pm$ 42.243 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

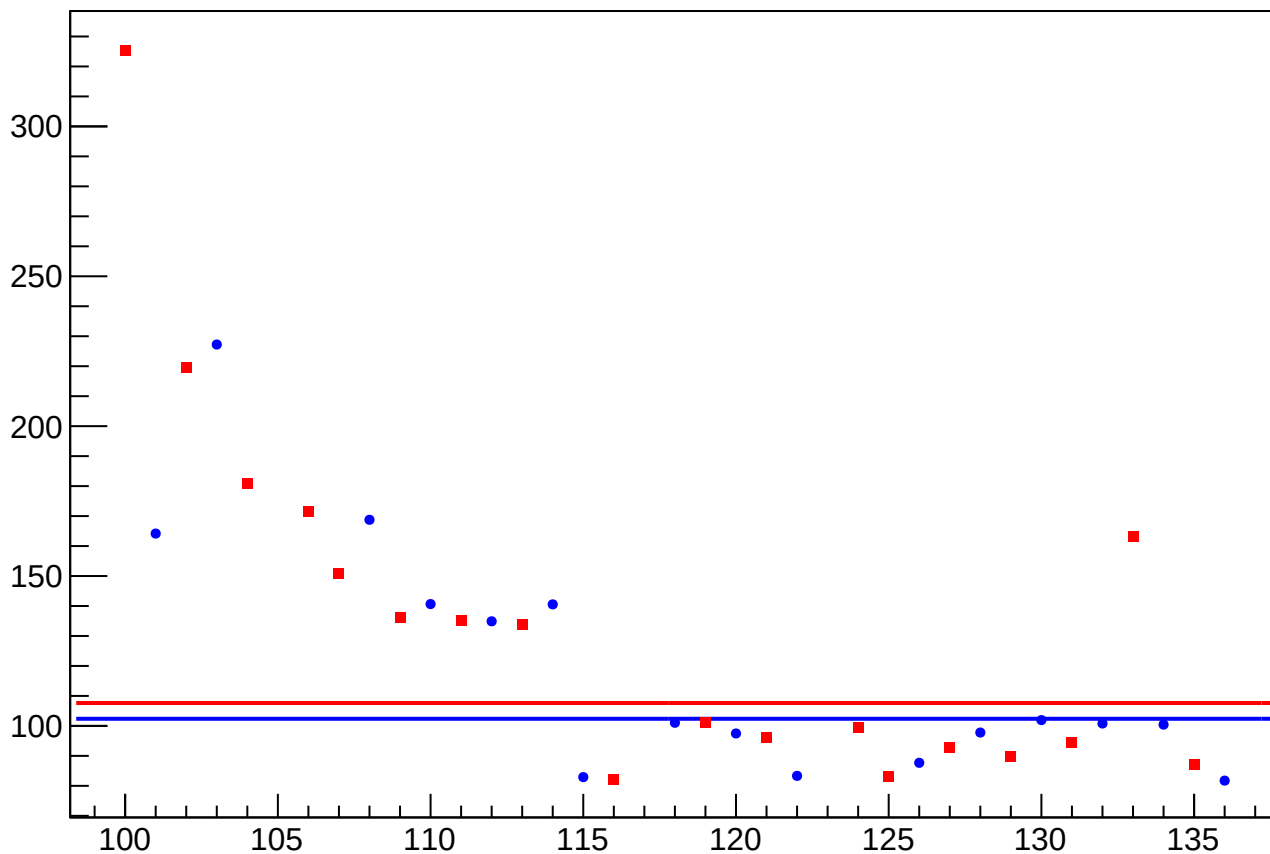
Right: 32.787 $\pm$ 29.025 χ^2 /NDF: 40.2/33

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: 32.787 $\pm$ 29.025 χ^2 /NDF: 40.2/33

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: 107.637+/-0.030 χ^2/NDF : 1139052.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

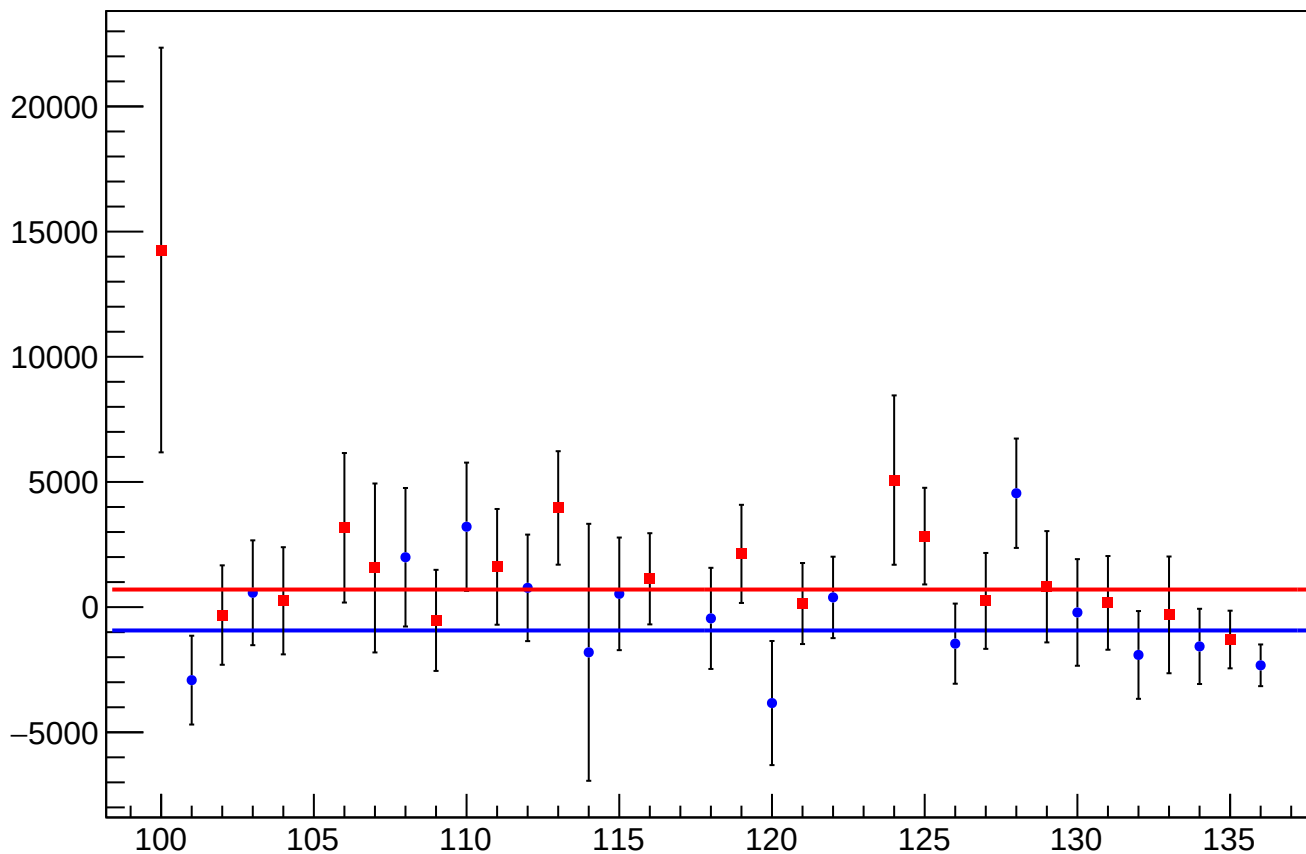
Right: 104.861+/-0.021 χ^2/NDF : 2137723.9/33

In: 102.378+/-0.028 χ^2/NDF : 982311.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.861+/-0.021 χ^2/NDF : 2137723.9/33

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: 702.710+/-481.569 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

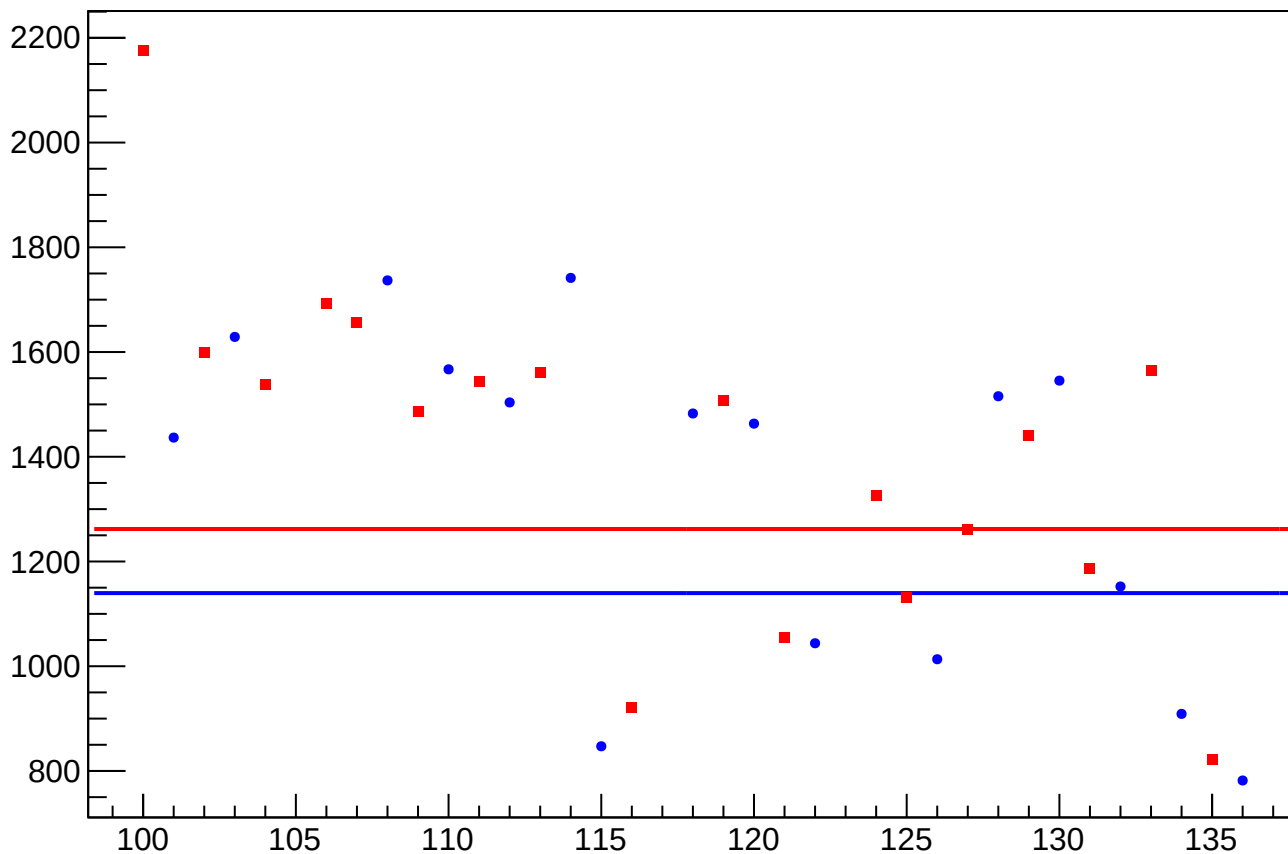
Right: -183.431+/-325.922 χ^2/NDF : 38.1/33

In: -932.381+/-442.724 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.431+/-325.922 χ^2/NDF : 38.1/33

asym_sam_3726_avg_dit_correction_rms vs Slug, Sign Corrected



Right In: 1139.658+/-0.313 χ^2/NDF : 1093410.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.072+/-0.341 χ^2/NDF : 760775.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

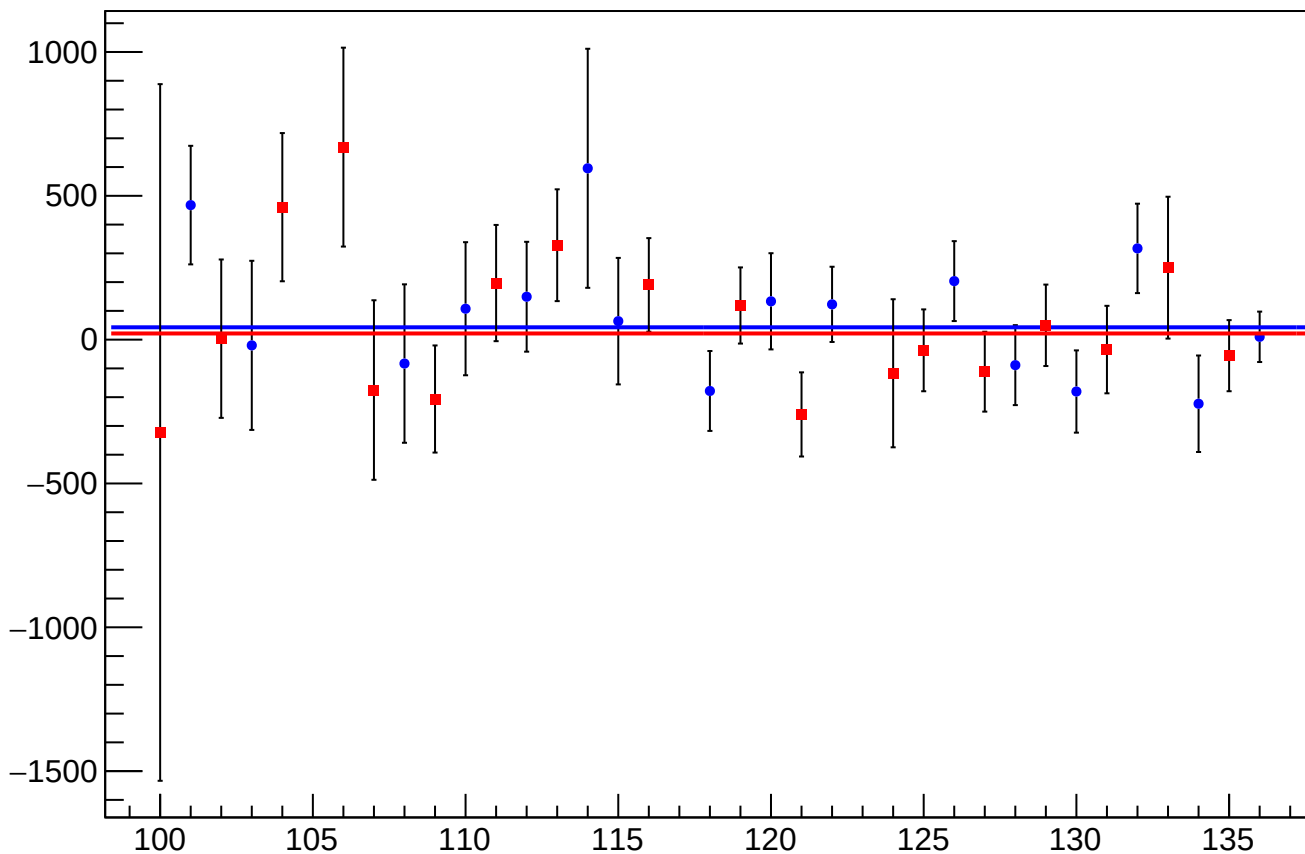
Right: 1195.729+/-0.230 χ^2/NDF : 1924224.6/33

In: 1139.658+/-0.313 χ^2/NDF : 1093410.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1195.729+/-0.230 χ^2/NDF : 1924224.6/33

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: 21.460+/-42.243 χ^2/NDF : 19.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

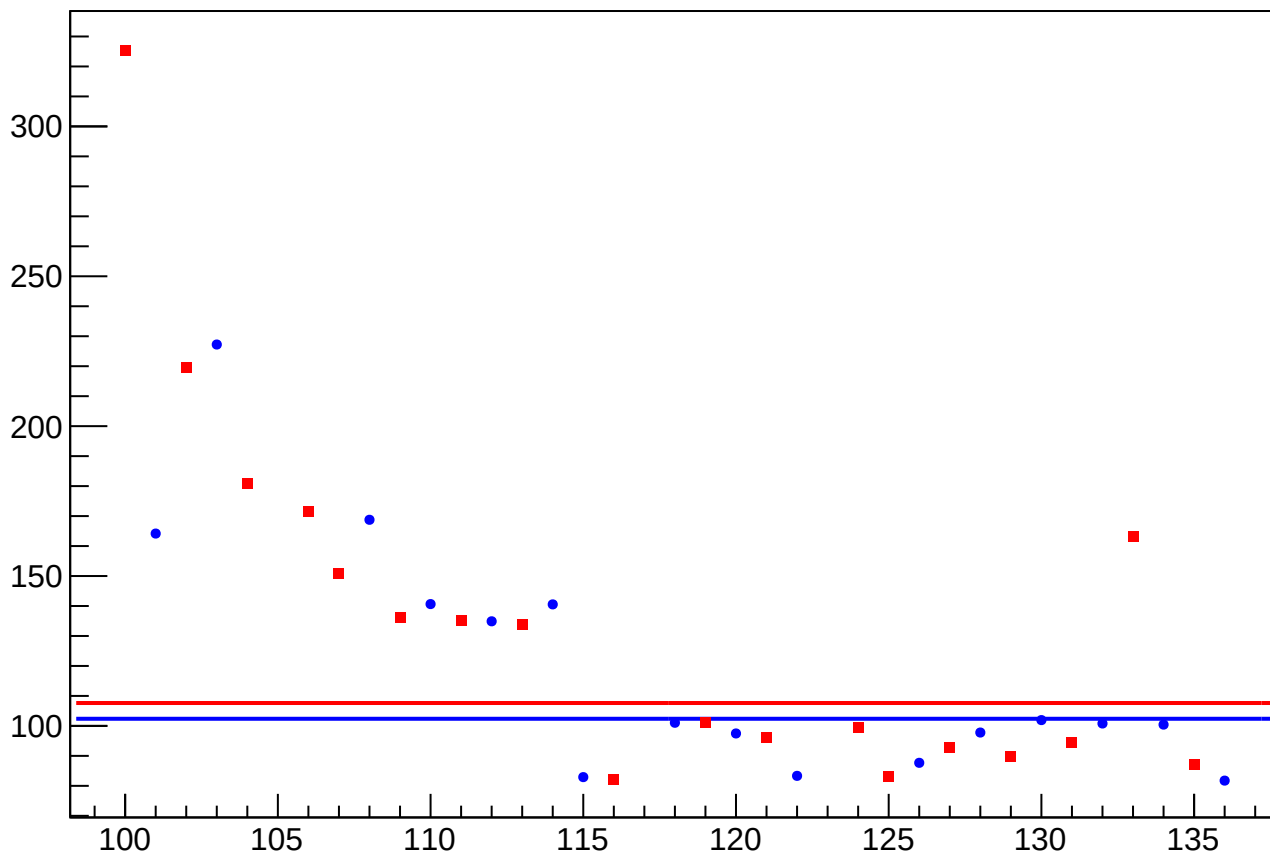
Right: 32.786+/-29.025 χ^2/NDF : 40.2/33

In: 42.914+/-39.948 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.786+/-29.025 χ^2/NDF : 40.2/33

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: 107.637+/-0.030 χ^2/NDF : 1139054.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

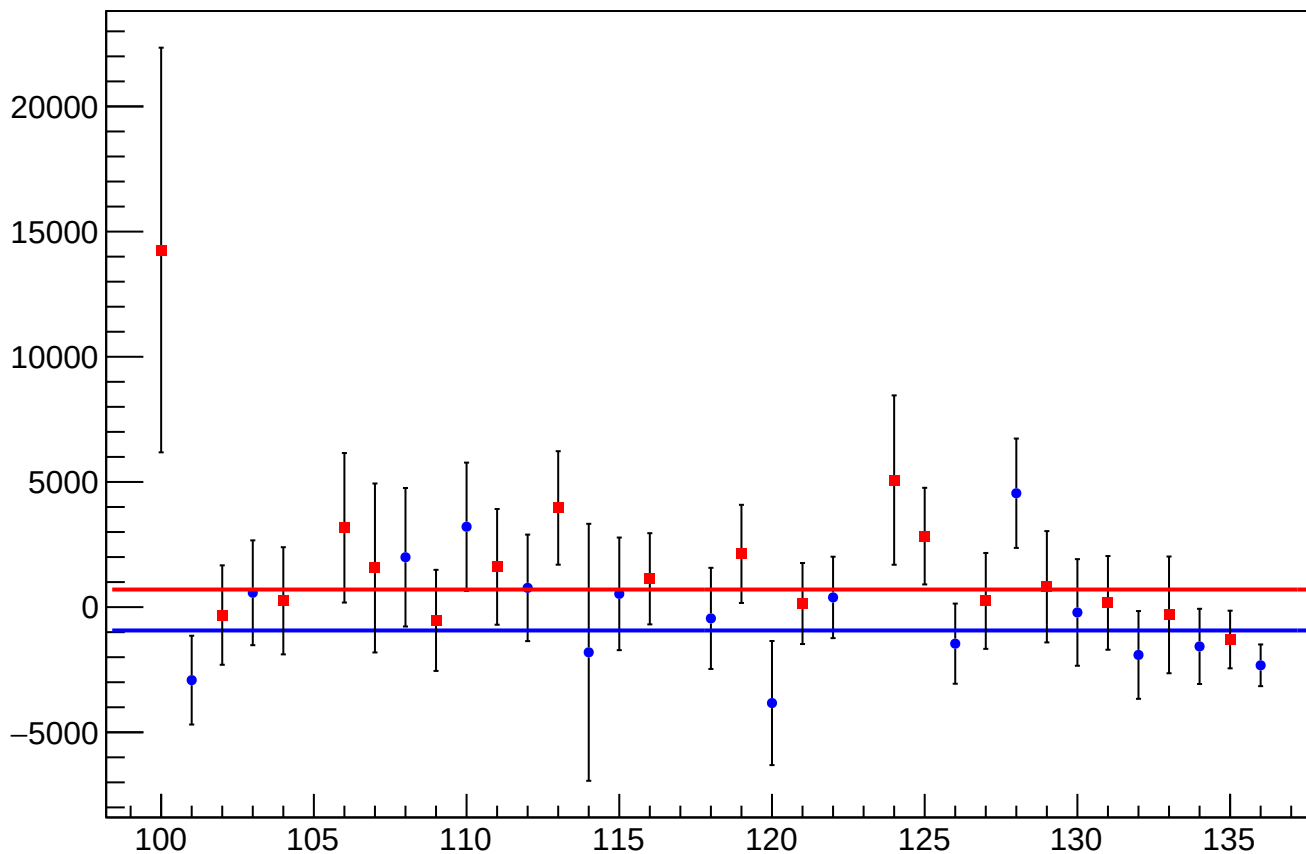
Right: 104.861+/-0.021 χ^2/NDF : 2137722.0/33

In: 102.378+/-0.028 χ^2/NDF : 982307.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.861+/-0.021 χ^2/NDF : 2137722.0/33

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: 702.710+/-481.568 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

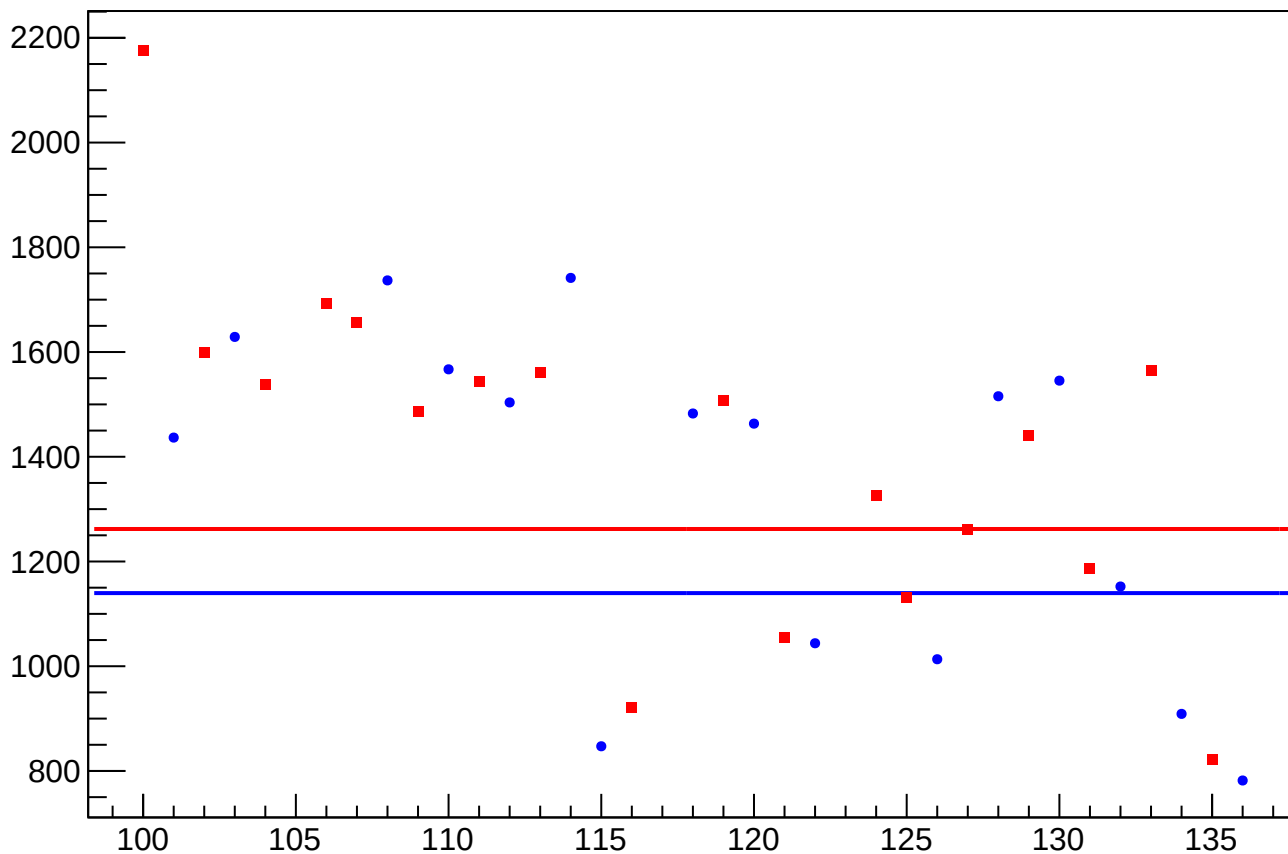
Right: -183.428+/-325.922 χ^2/NDF : 38.1/33

In: -932.377+/-442.724 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.428+/-325.922 χ^2/NDF : 38.1/33

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: 1262.070+/-0.341 χ^2/NDF : 760766.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

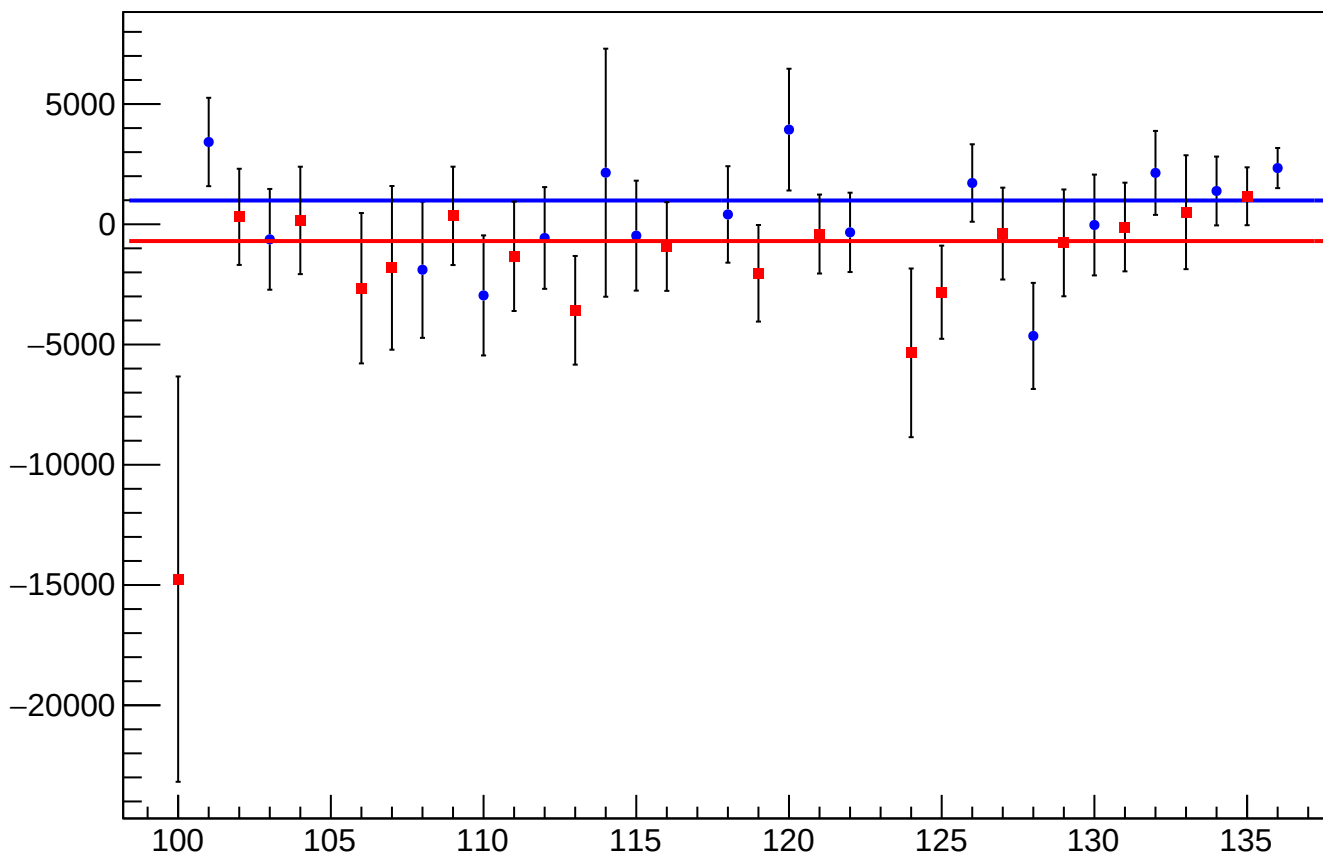
Right: 1195.728+/-0.230 χ^2/NDF : 1924202.2/33

In: 1139.656+/-0.313 χ^2/NDF :1093397.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1195.728+/-0.230 χ^2/NDF : 1924202.2/33

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: -697.789+/-488.979 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

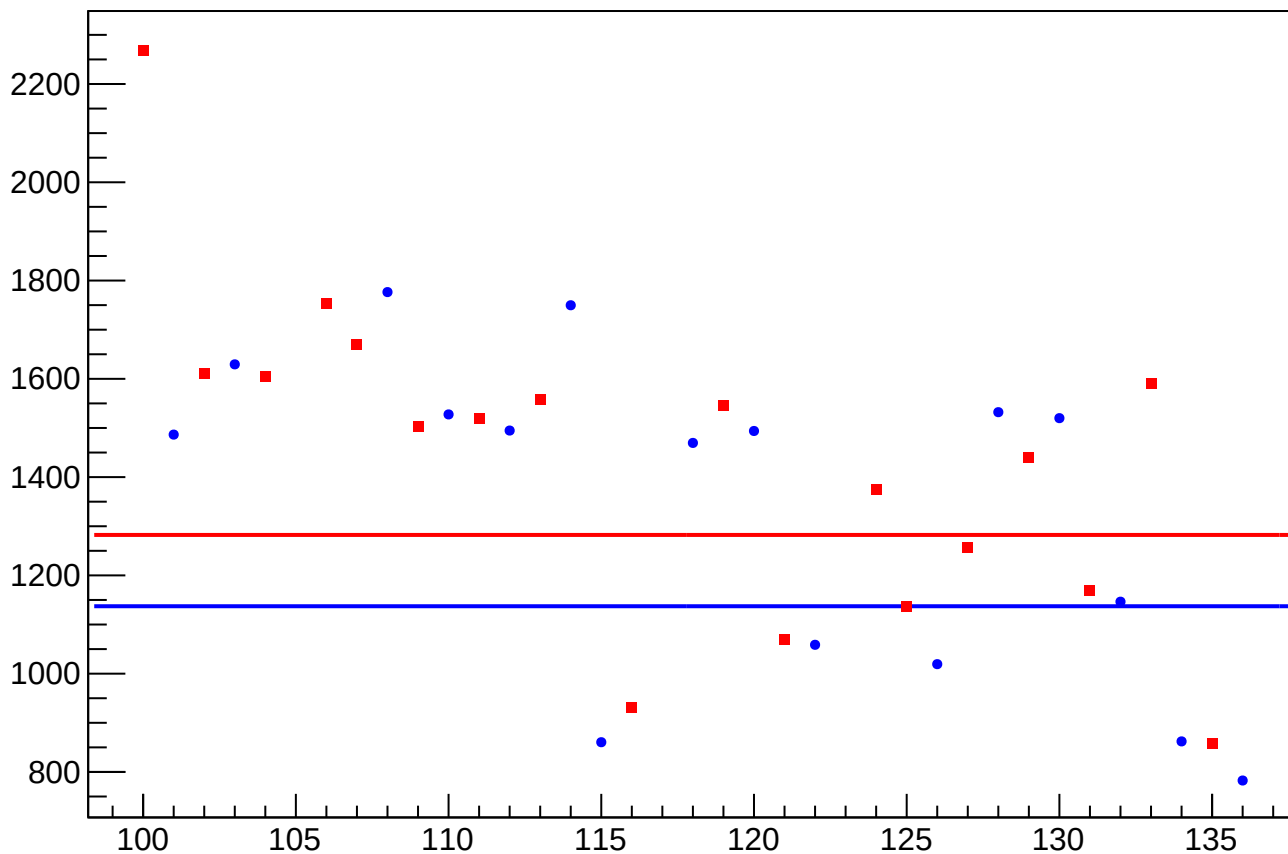
Right: 229.487+/-328.154 χ^2/NDF : 37.5/33

In: 989.322+/-442.634 χ^2/NDF : 19.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.487+/-328.154 χ^2/NDF : 37.5/33

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: 1282.321+/-0.346 χ^2/NDF : 721379.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

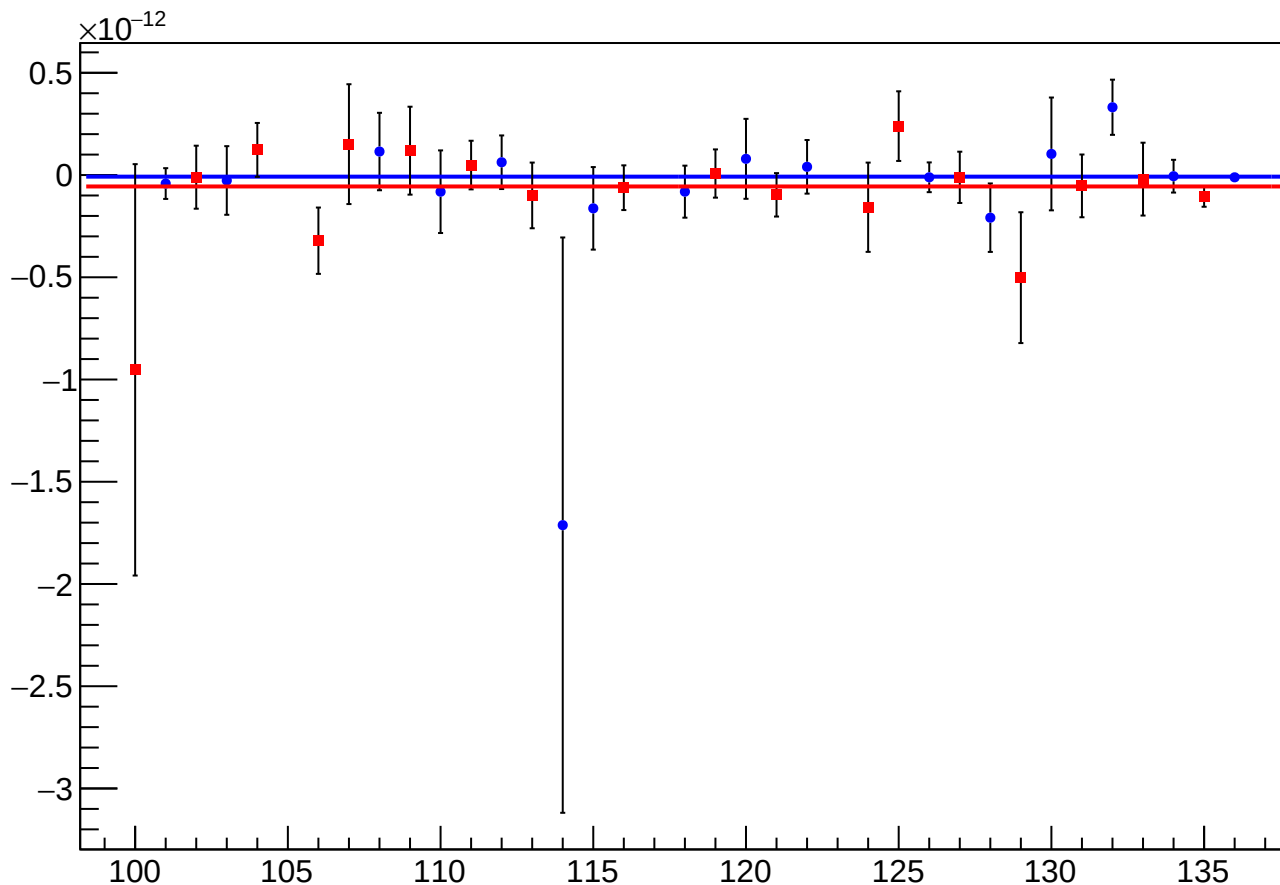
Right: 1202.570+/-0.232 χ^2/NDF : 1941860.7/33

In: 1137.220+/-0.313 χ^2/NDF : 1123685.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1202.570+/-0.232 χ^2/NDF : 1941860.7/33

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 11.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

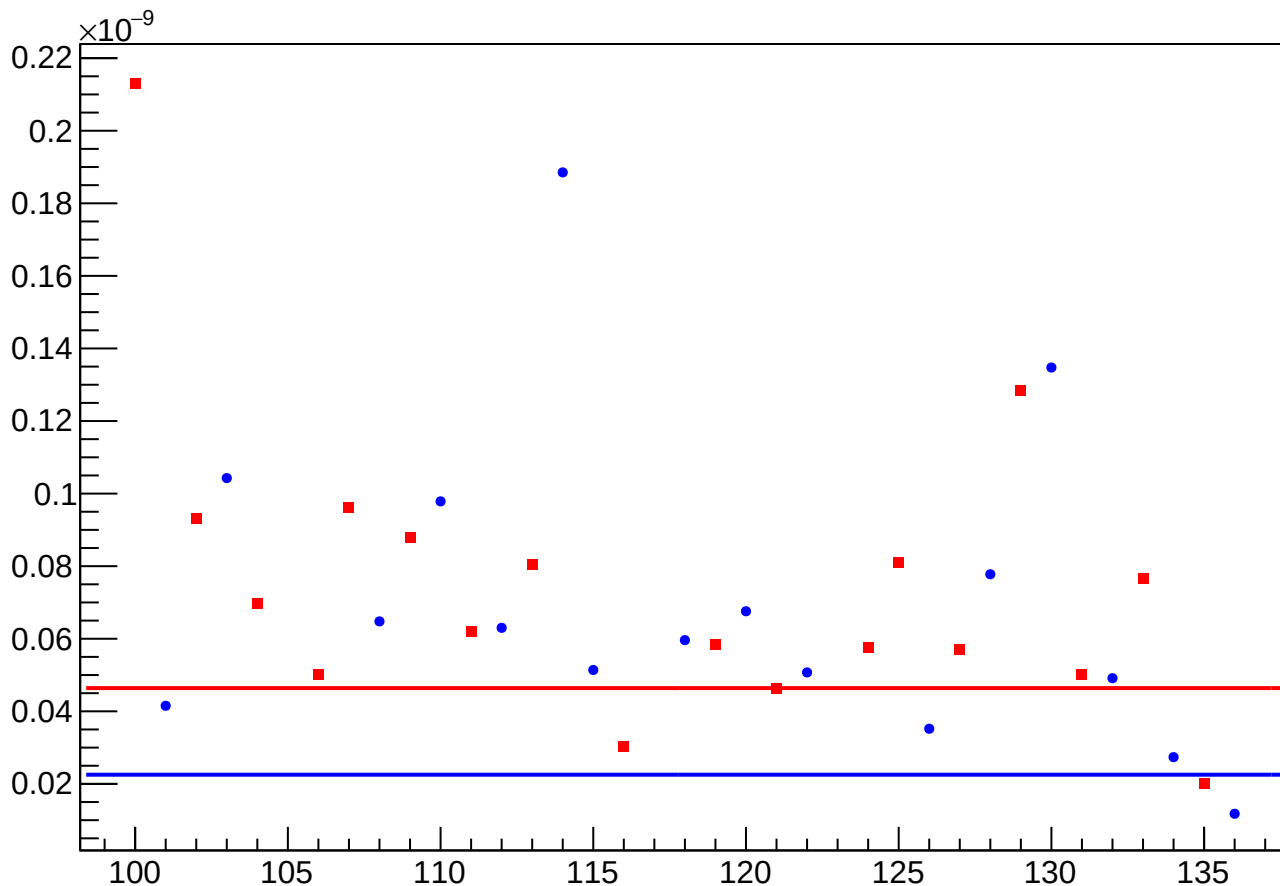
Right: -0.000+/-0.000 χ^2/NDF : 28.0/33

In: -0.000+/-0.000 χ^2/NDF : 11.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.0/33

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 : 1492845.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

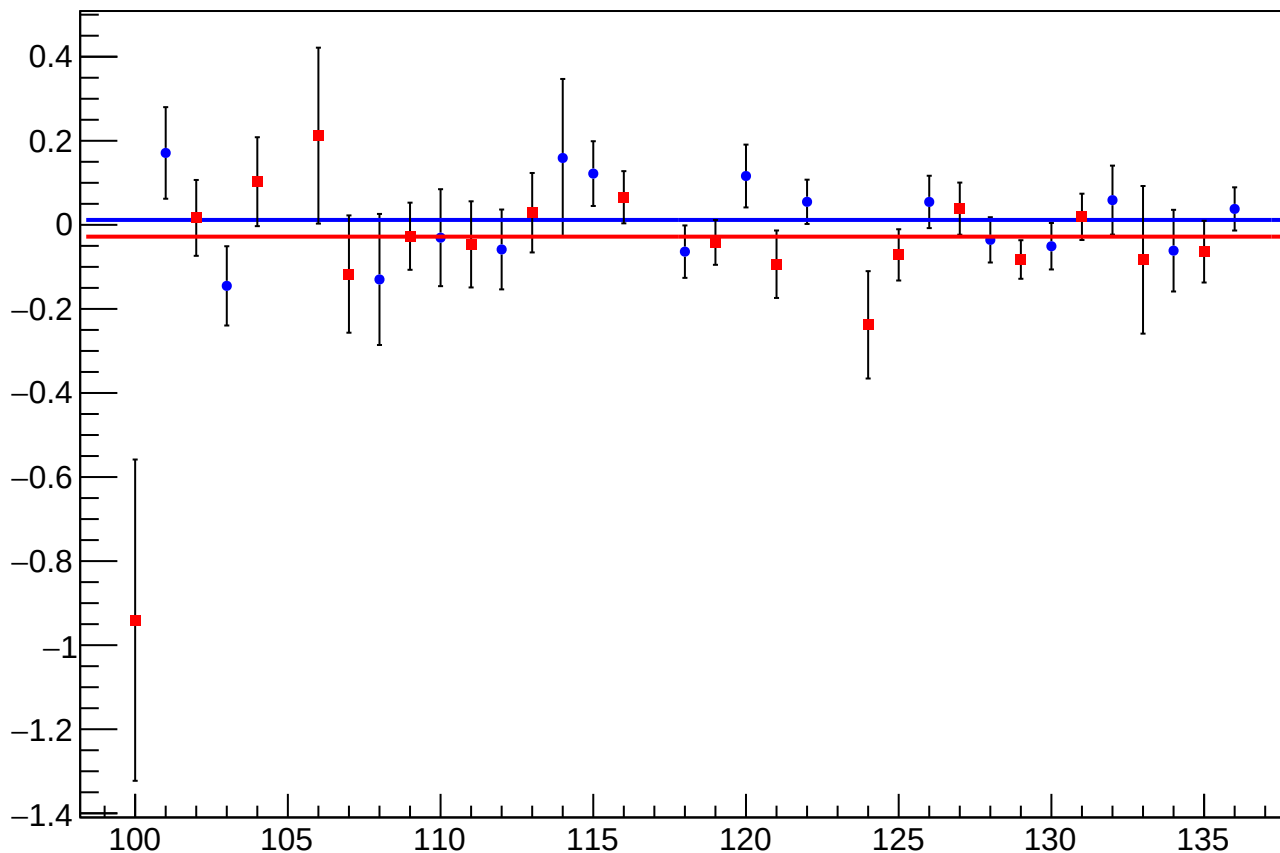
Right: 0.000+/-0.000 χ^2/NDF : 5319006.0/33

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 : 5319006.0/33

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: -0.028 $\pm$ 0.018 χ^2 /NDF: 19.4/17

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

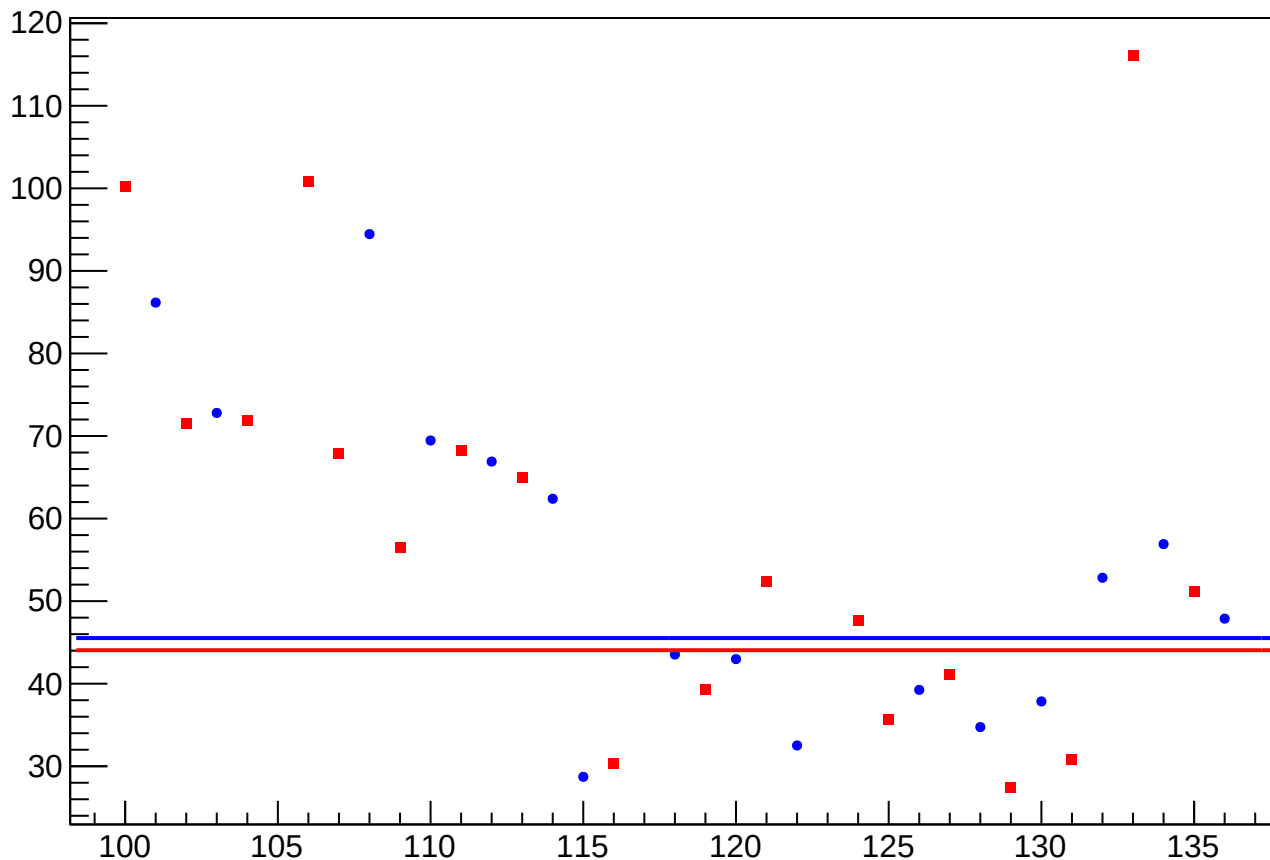
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: 44.053+/-0.013 χ^2/NDF : 1741842.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

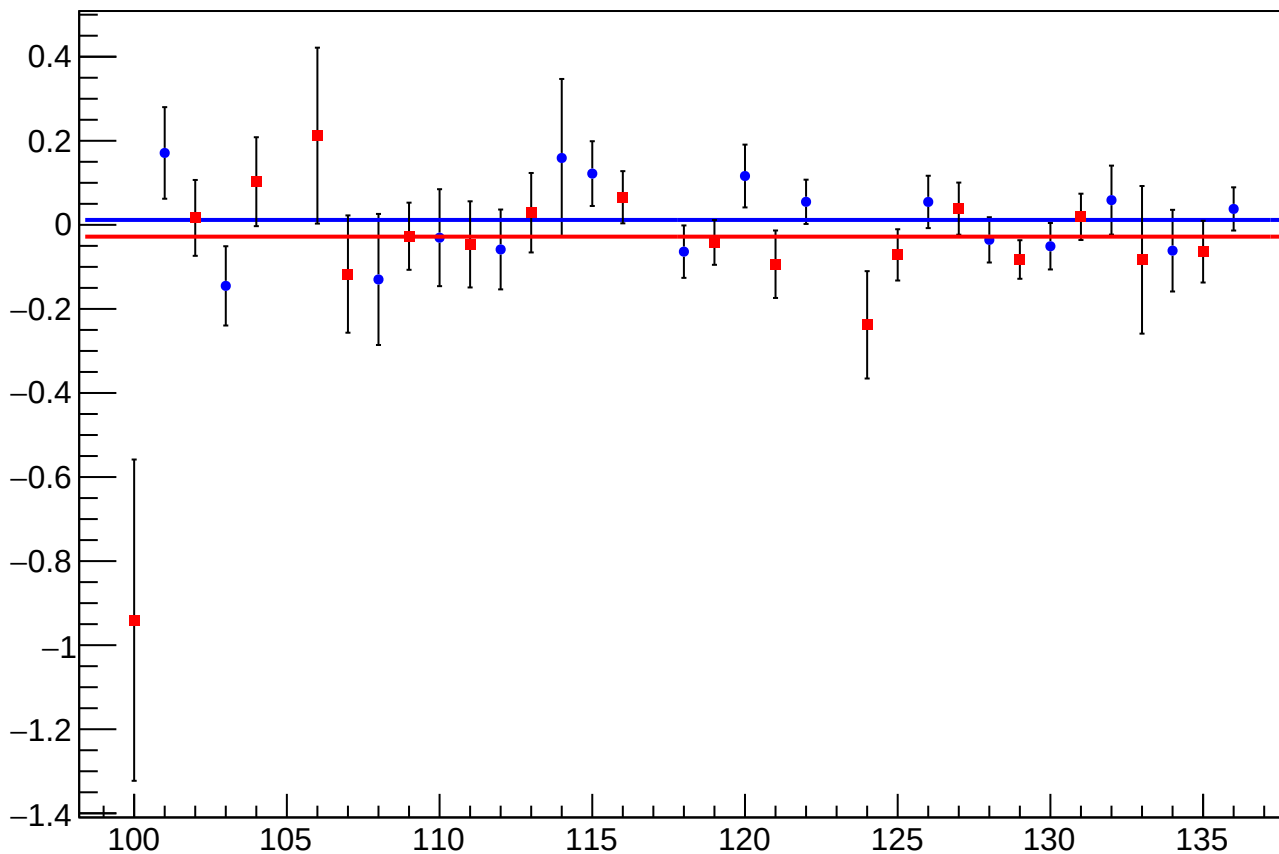
Right: 44.782+/-0.009 χ^2/NDF : 3002320.1/33

In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.782+/-0.009 χ^2/NDF : 3002320.1/33

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: -0.028 $\pm$ 0.018 χ^2 /NDF: 19.4/17

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

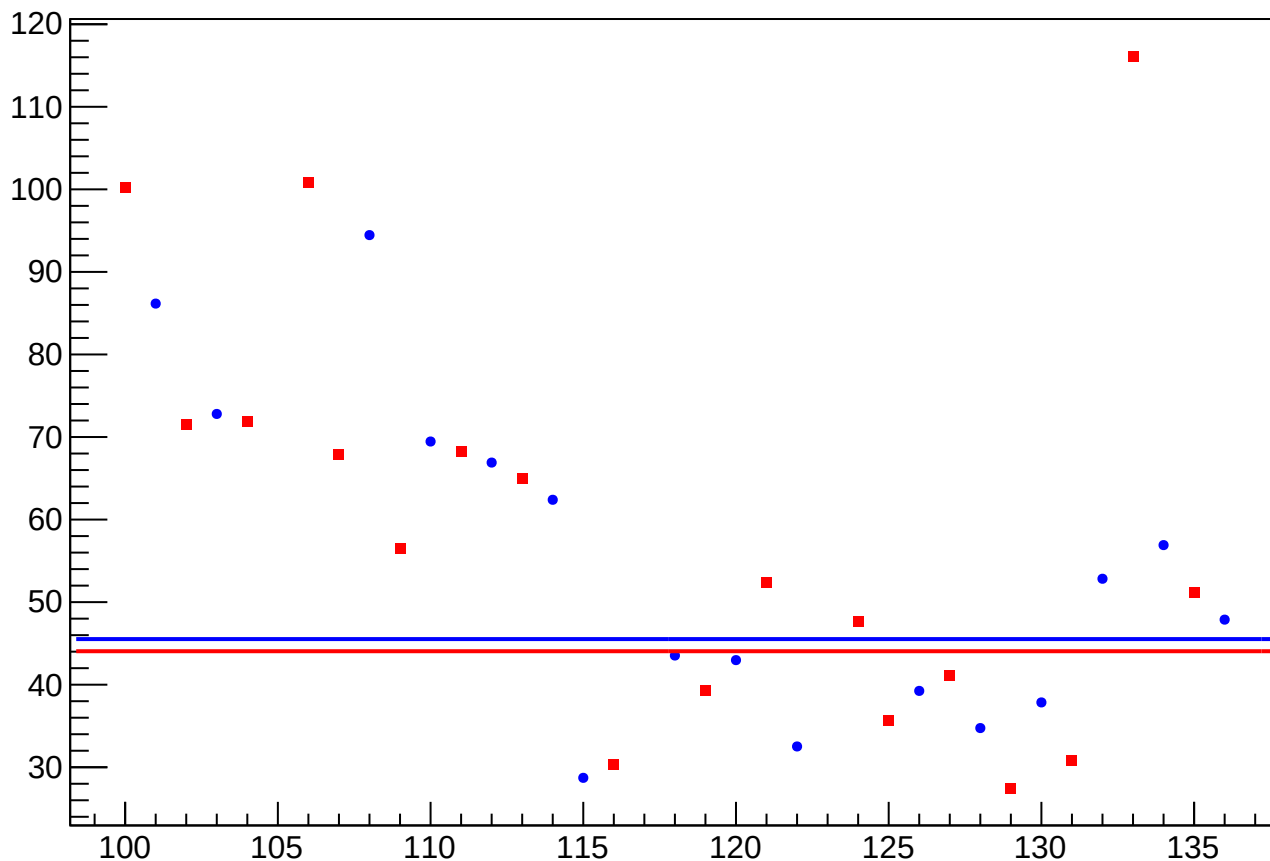
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: 44.053+/-0.013 χ^2/NDF : 1741842.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

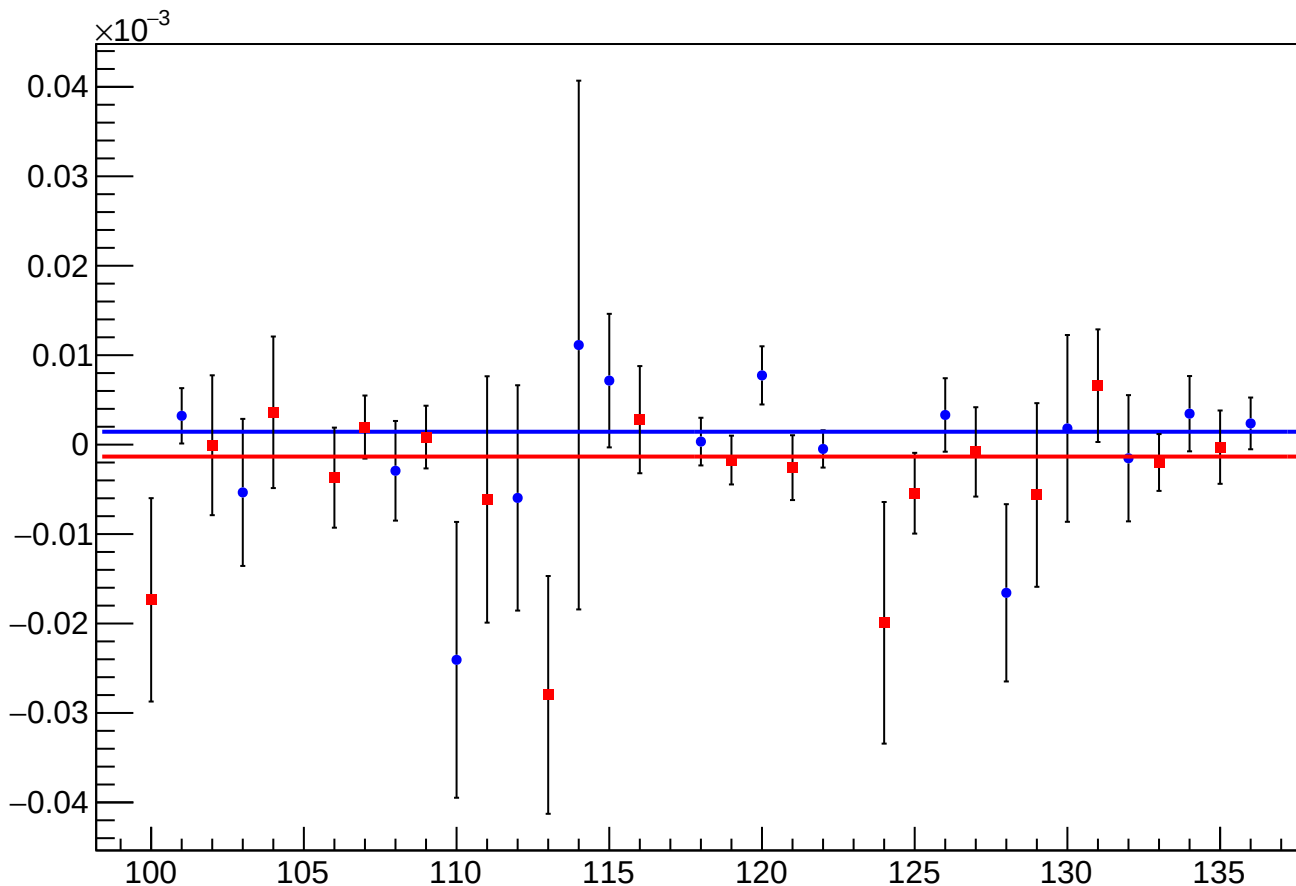
Right: 44.782+/-0.009 χ^2/NDF : 3002320.1/33

In: 45.525+/-0.013 χ^2/NDF : 1253967.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.782+/-0.009 χ^2/NDF : 3002320.1/33

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 : 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

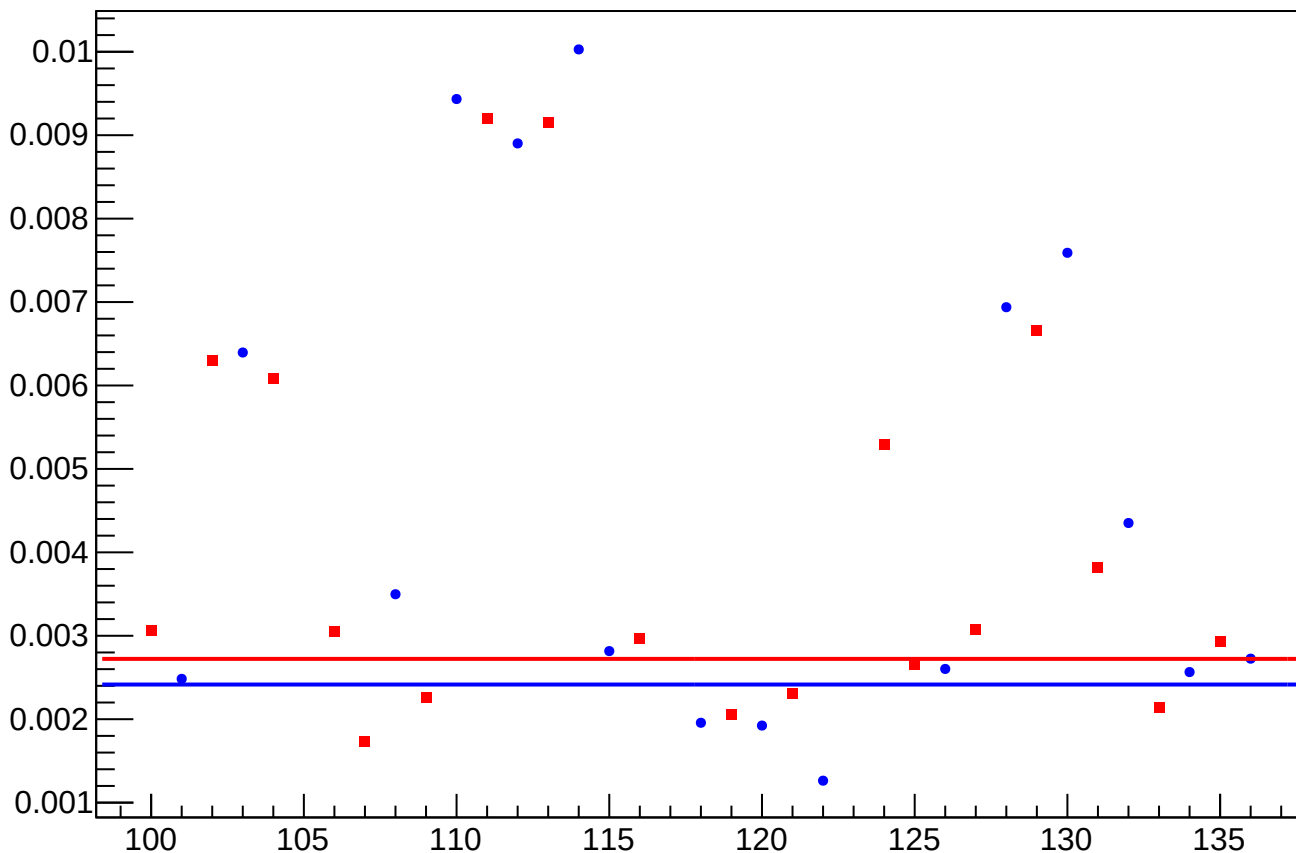
Right: 0.000+/-0.000 χ^2/NDF : 30.6/33

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 : 30.6/33

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 : 2504432.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

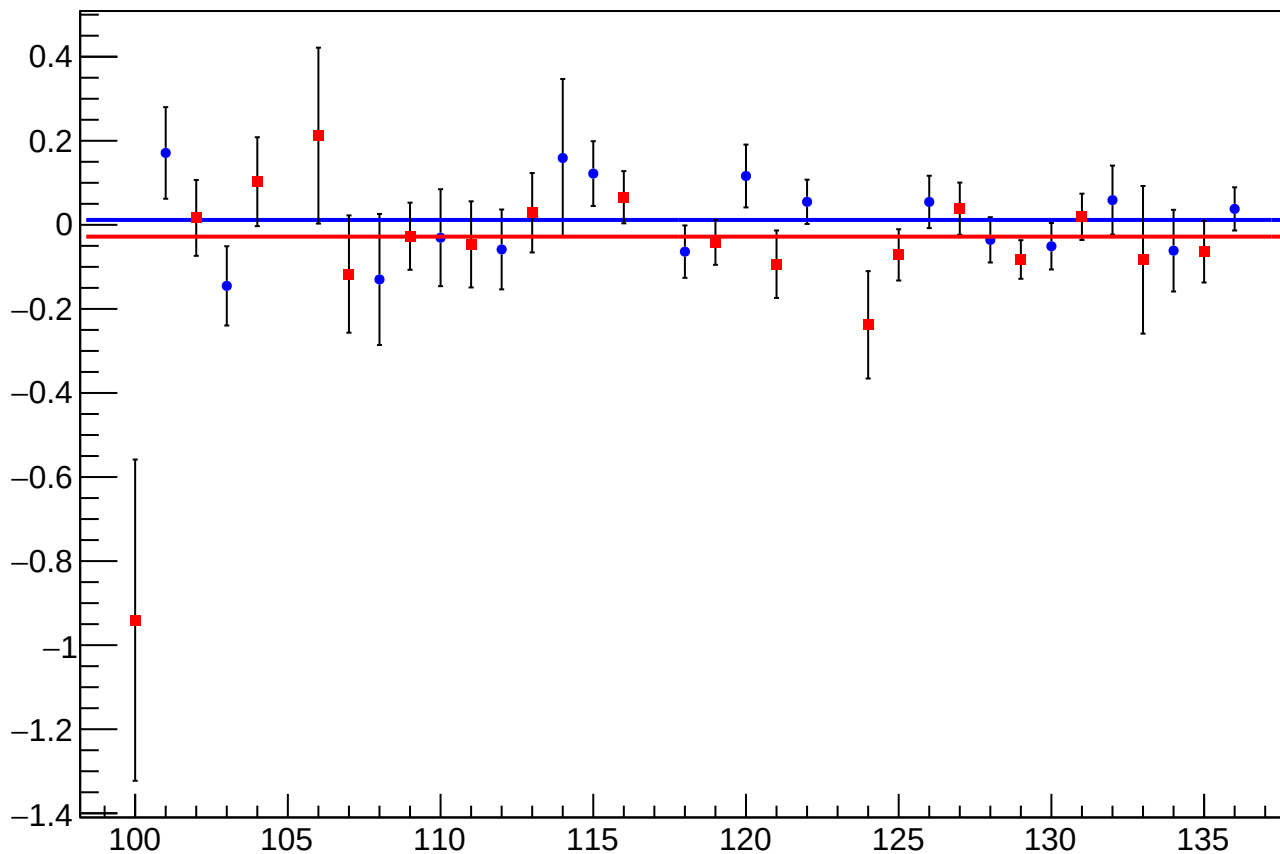
Right: 0.003+/-0.000 χ^2/NDF : 6015771.0/33

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 : 6015771.0/33

asym_sam_3726_avg_eigen_dit_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: -0.028 $\pm$ 0.018 χ^2 /NDF: 19.4/17

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

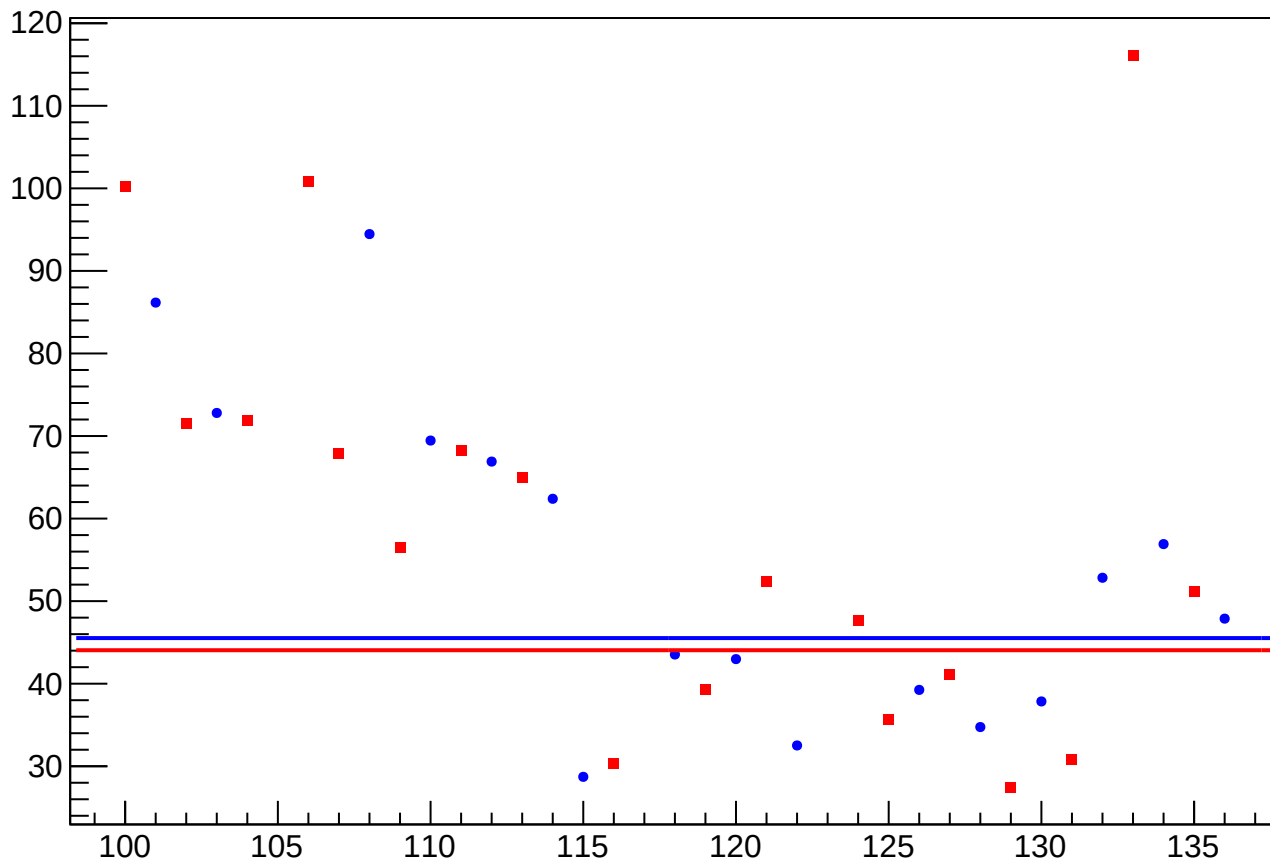
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: 44.054+/-0.013 χ^2/NDF : 1741763.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

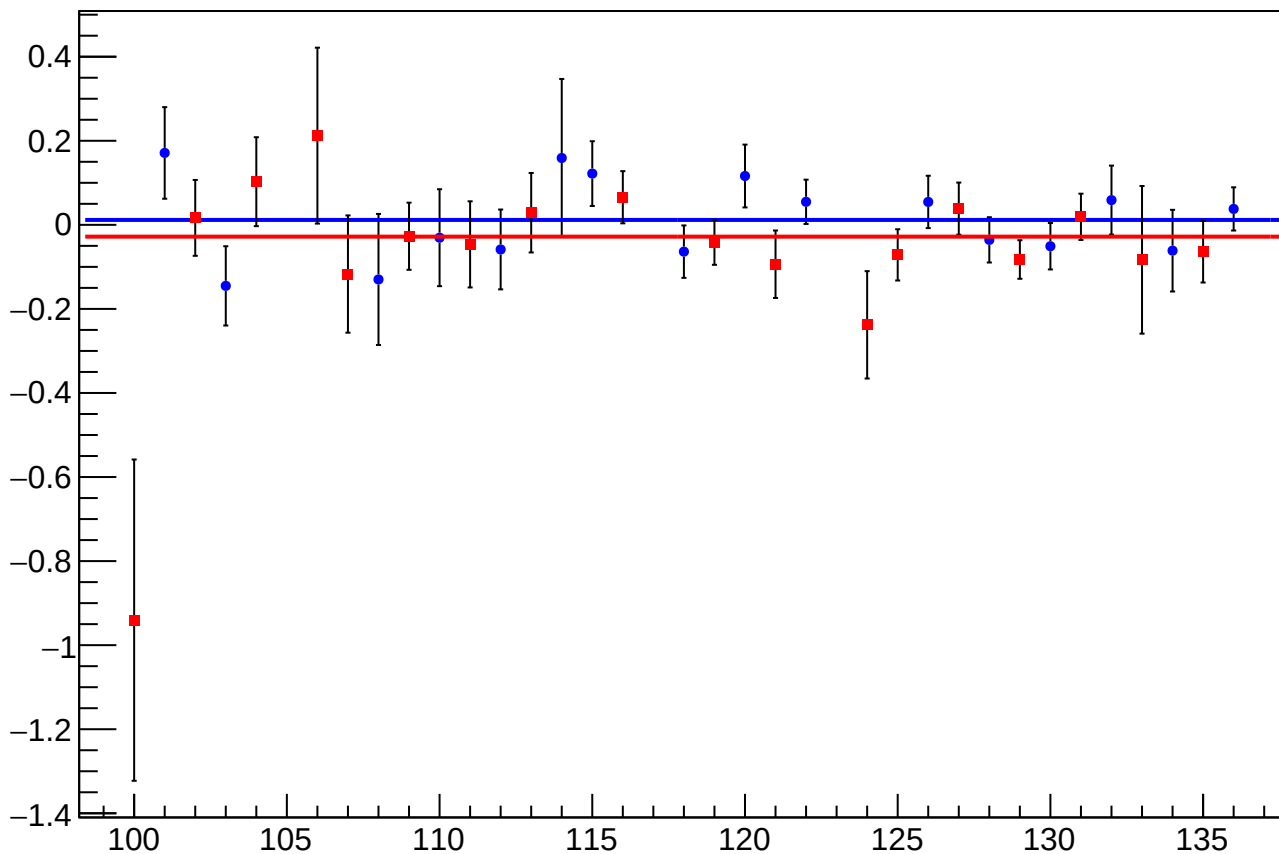
Right: 44.783+/-0.009 χ^2/NDF : 3002192.3/33

In: 45.525+/-0.013 χ^2/NDF : 1253922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.783+/-0.009 χ^2/NDF : 3002192.3/33

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: -0.028 $\pm$ 0.018 χ^2 /NDF: 19.4/17

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

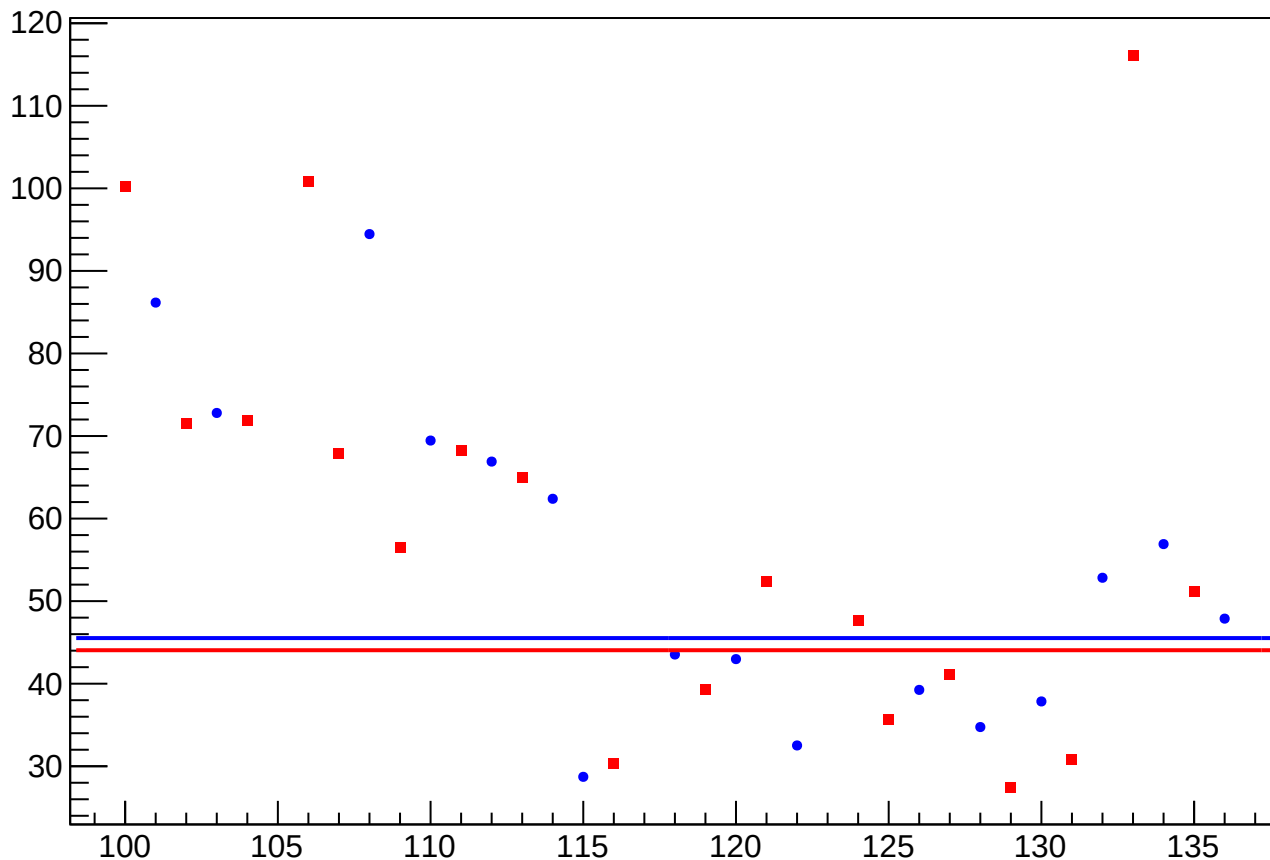
Right: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: -0.008 $\pm$ 0.013 χ^2 /NDF: 38.7/33

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: 44.054+/-0.013 χ^2/NDF : 1741763.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

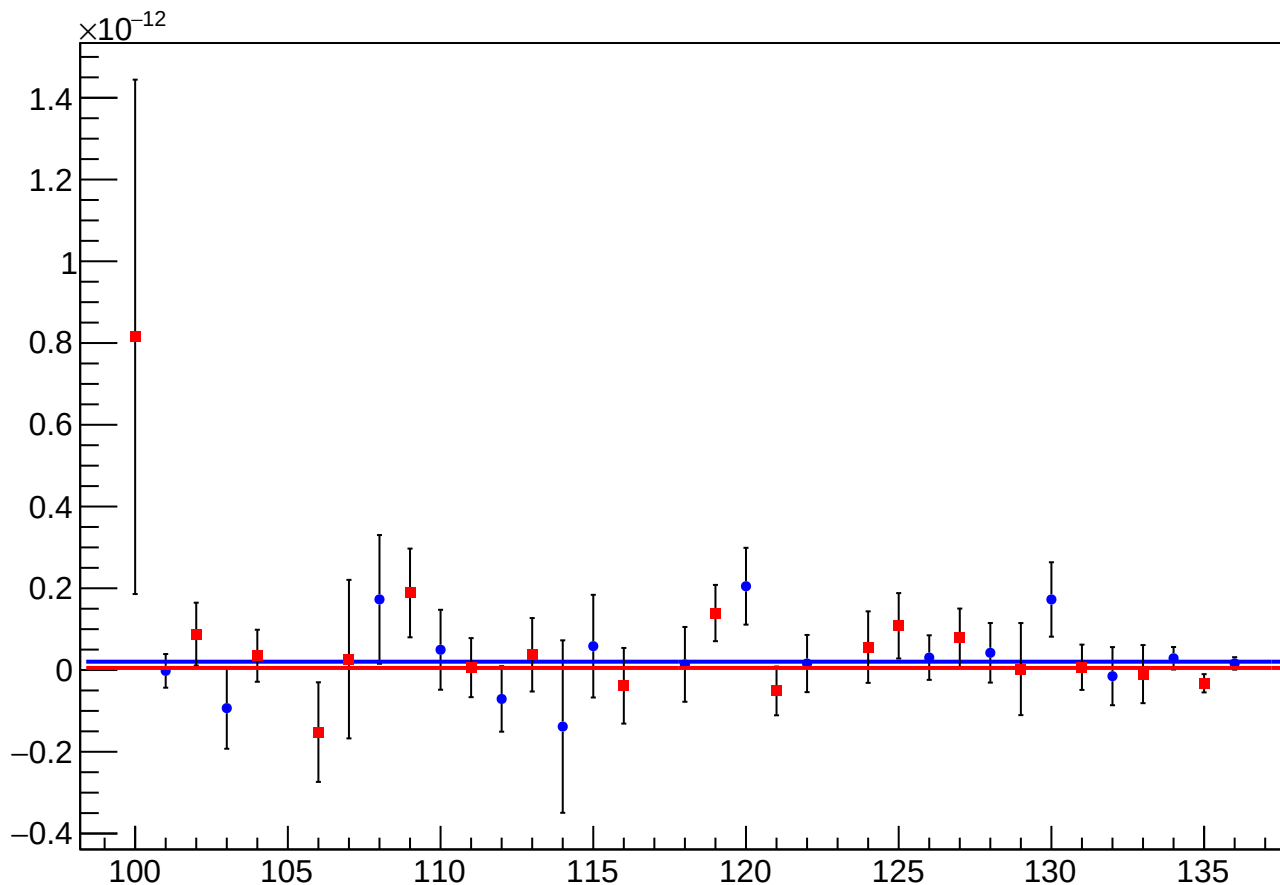
Right: 44.783+/-0.009 χ^2/NDF : 3002192.3/33

In: 45.525+/-0.013 χ^2/NDF : 1253922.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.783+/-0.009 χ^2/NDF : 3002192.3/33

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 : 18.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

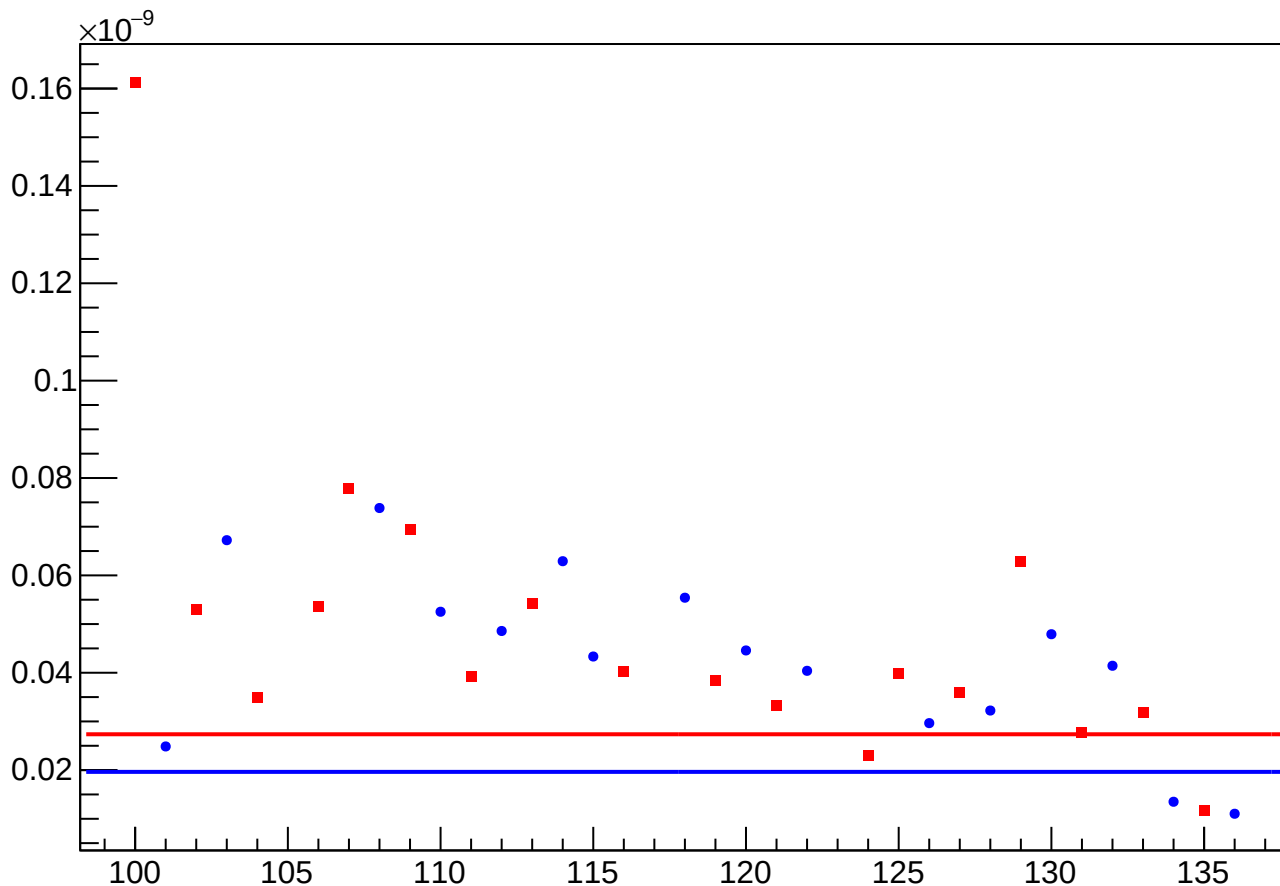
Right: 0.000+/-0.000 χ^2/NDF : 31.0/33

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 : 31.0/33

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 : 2473013.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

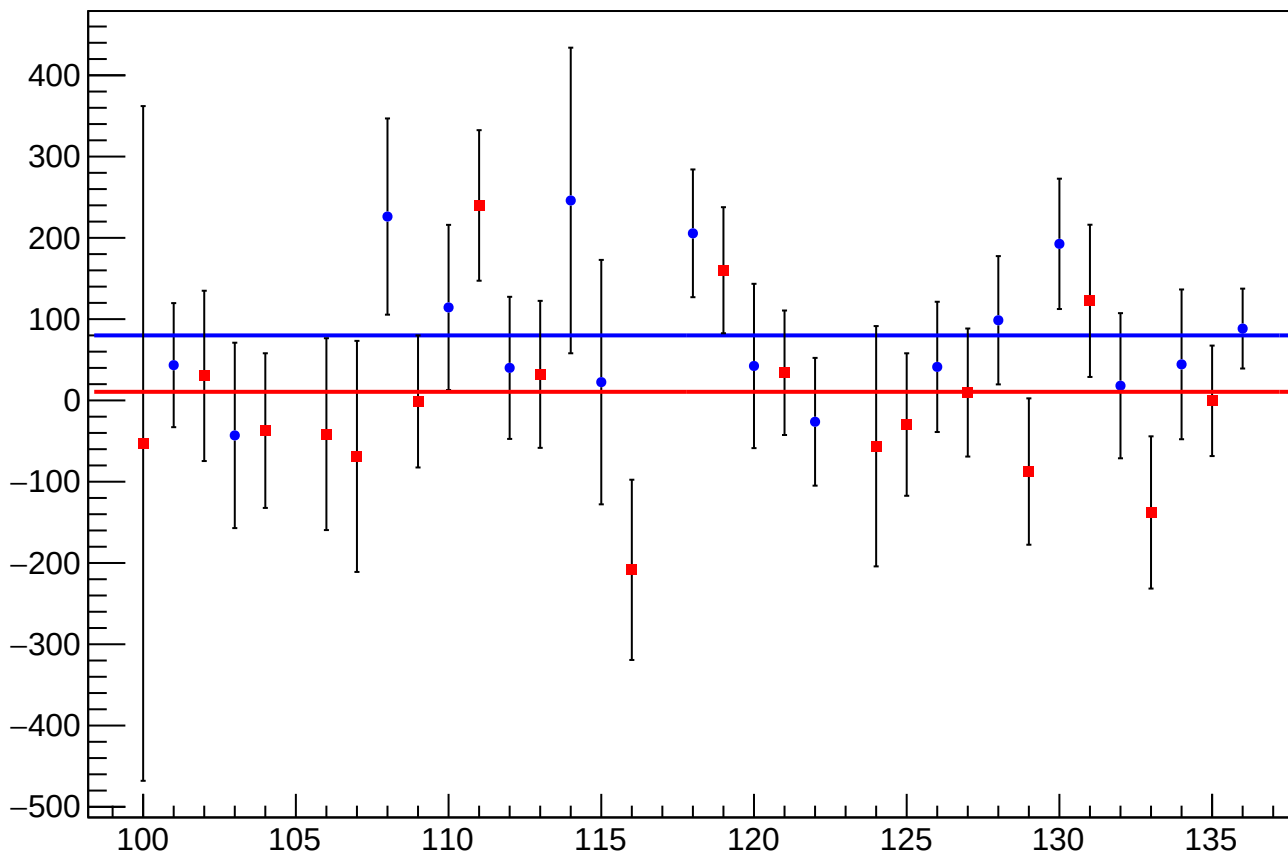
Right: 0.000+/-0.000 χ^2/NDF : 6063164.4/33

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 : 6063164.4/33

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: 10.581 $\pm$ 22.128 χ^2 /NDF: 20.3/17

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

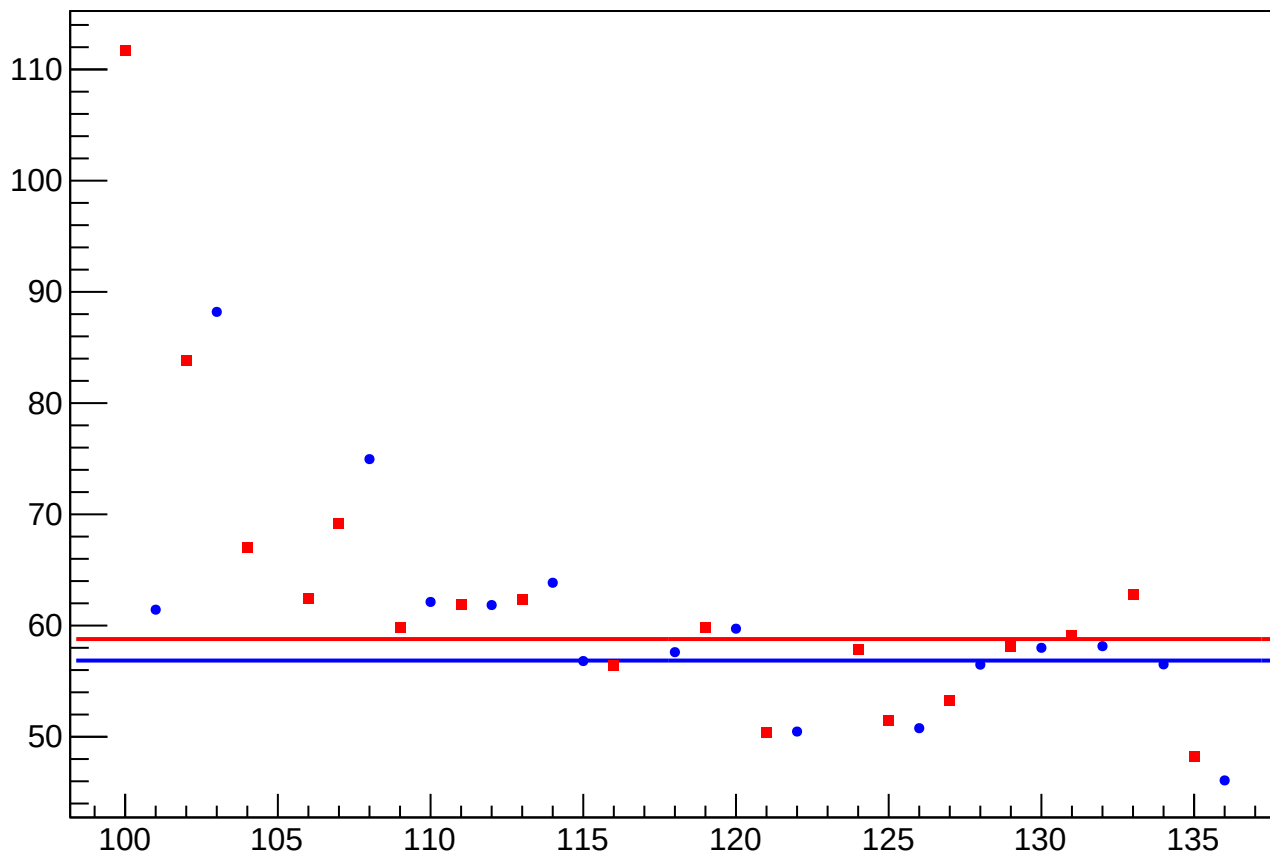
Right: 46.327 $\pm$ 15.411 χ^2 /NDF: 36.9/33

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: 46.327 $\pm$ 15.411 χ^2 /NDF: 36.9/33

reg_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 56.854 $\pm$ 0.015 χ^2 /NDF: 341601.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.787 $\pm$ 0.016 χ^2 /NDF: 281876.2/17

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

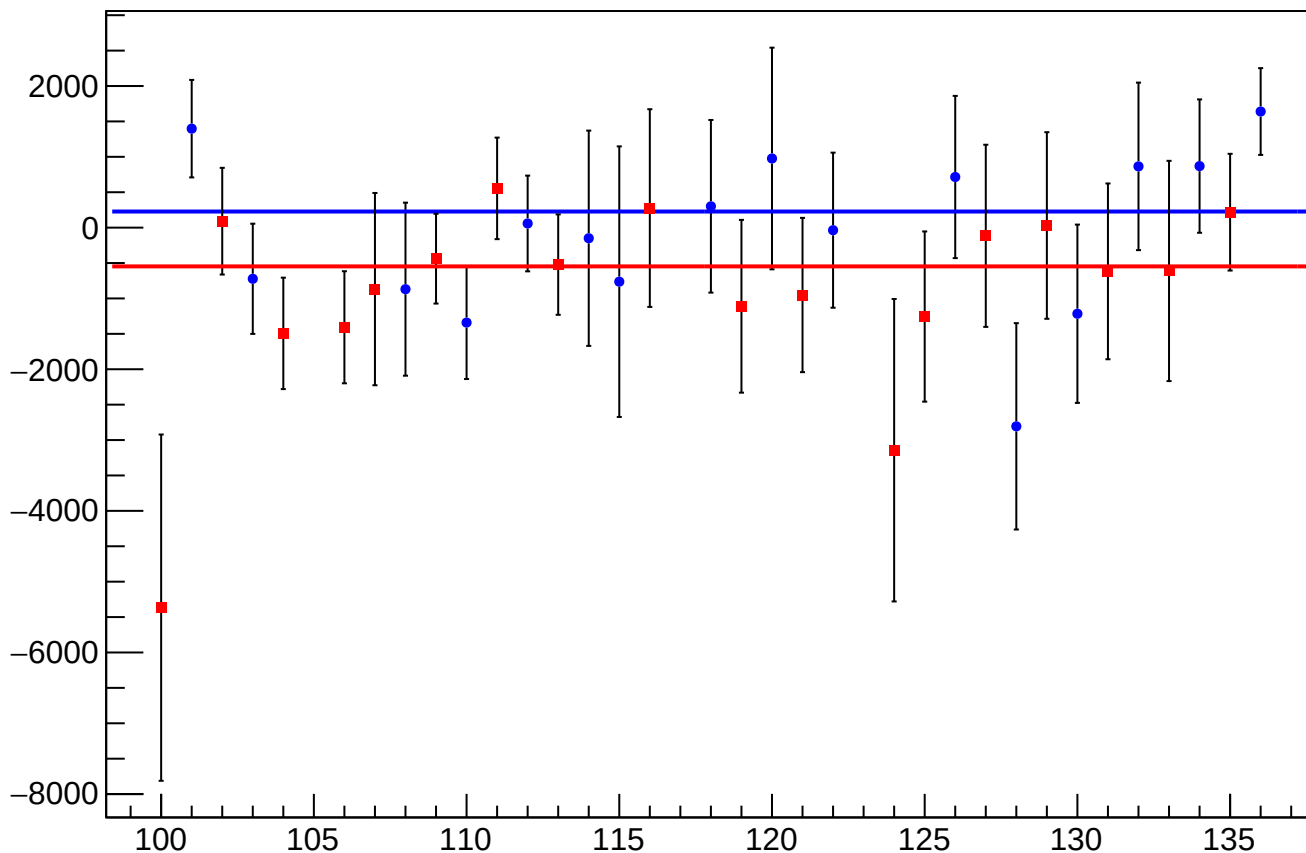
Right: 57.791 $\pm$ 0.011 χ^2 /NDF: 631332.1/33

In: 56.854 $\pm$ 0.015 χ^2 /NDF:341601.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 57.791 $\pm$ 0.011 χ^2 /NDF: 631332.1/33

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: -547.437+/-230.877 χ^2/NDF : 13.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

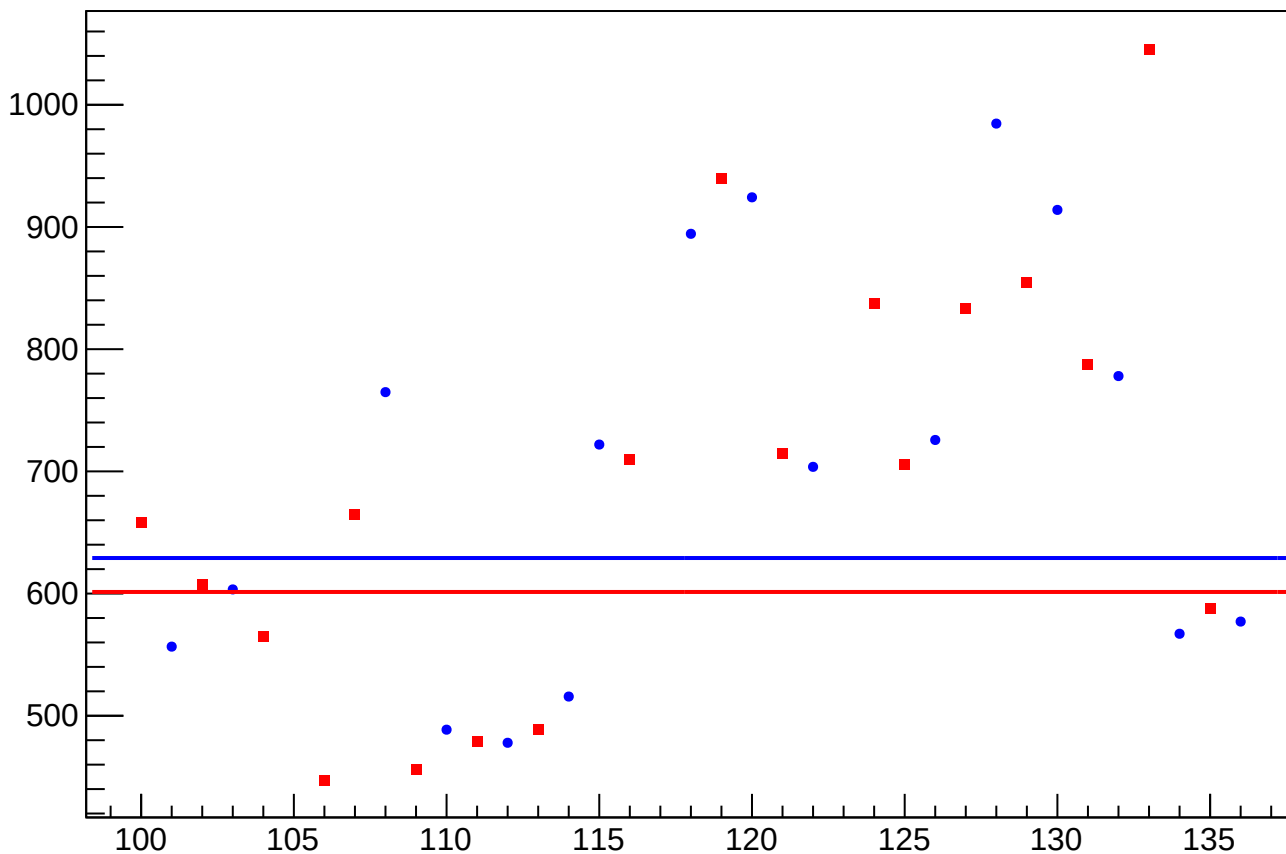
Right: -176.943+/-166.793 χ^2/NDF : 40.4/33

In: 227.508+/-241.225 χ^2/NDF : 21.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.943+/-166.793 χ^2/NDF : 40.4/33

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: 601.315+/-0.163 χ^2/NDF : 873988.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

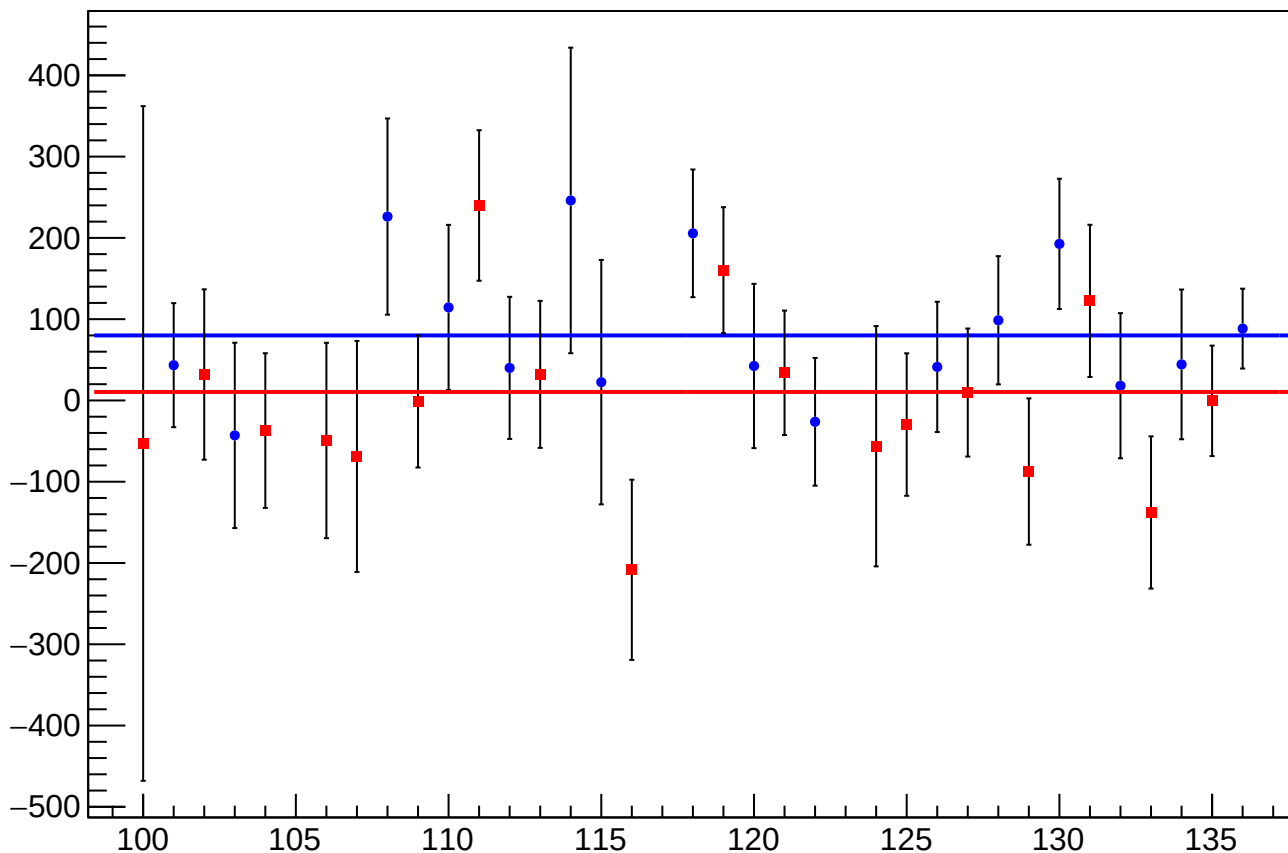
Right: 614.597+/-0.118 χ^2/NDF : 1580557.7/33

In: 629.096+/-0.171 χ^2/NDF : 692724.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.597+/-0.118 χ^2/NDF : 1580557.7/33

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: 10.466 $\pm$ 22.143 χ^2 /NDF: 20.4/17

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

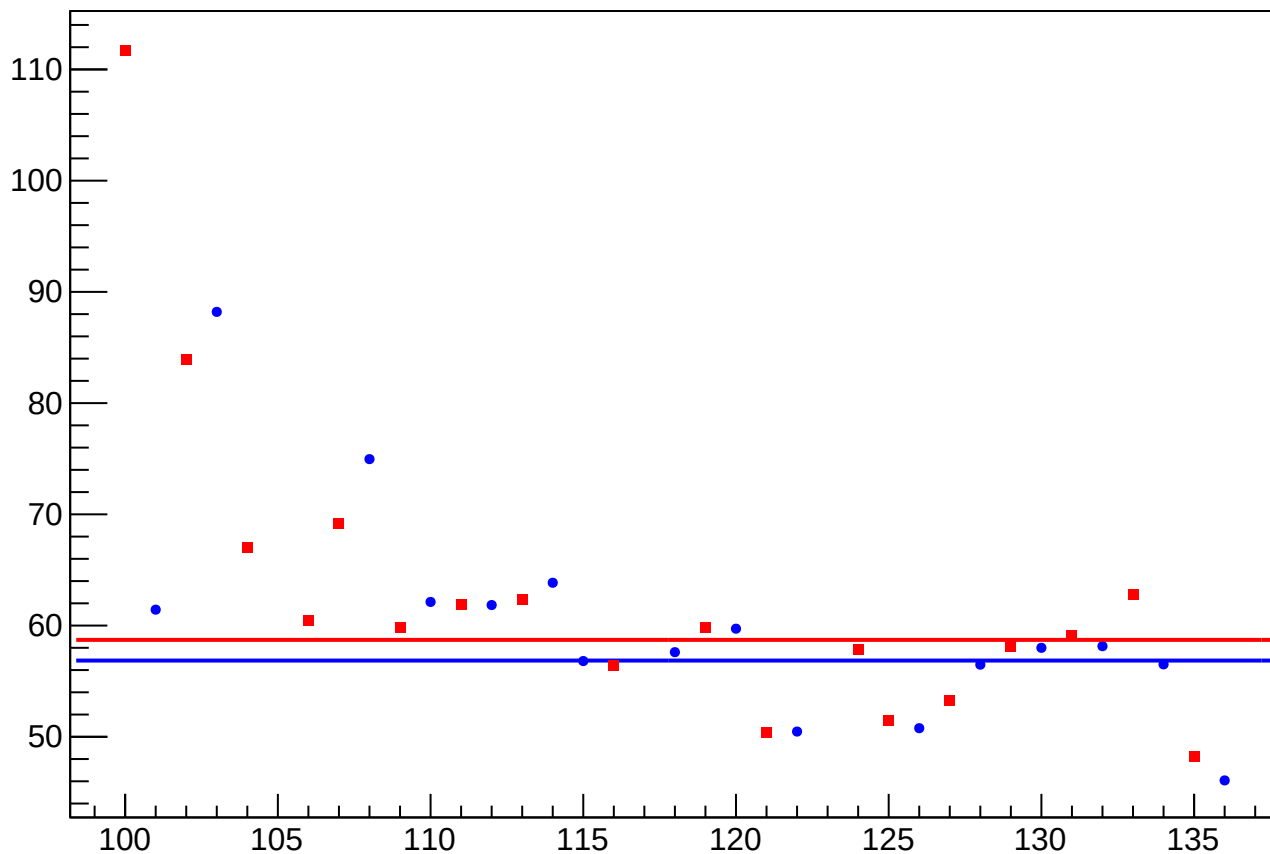
Right: 46.297 $\pm$ 15.416 χ^2 /NDF: 37.0/33

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: 46.297 $\pm$ 15.416 χ^2 /NDF: 37.0/33

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: 58.713+/-0.016 χ^2/NDF : 280517.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

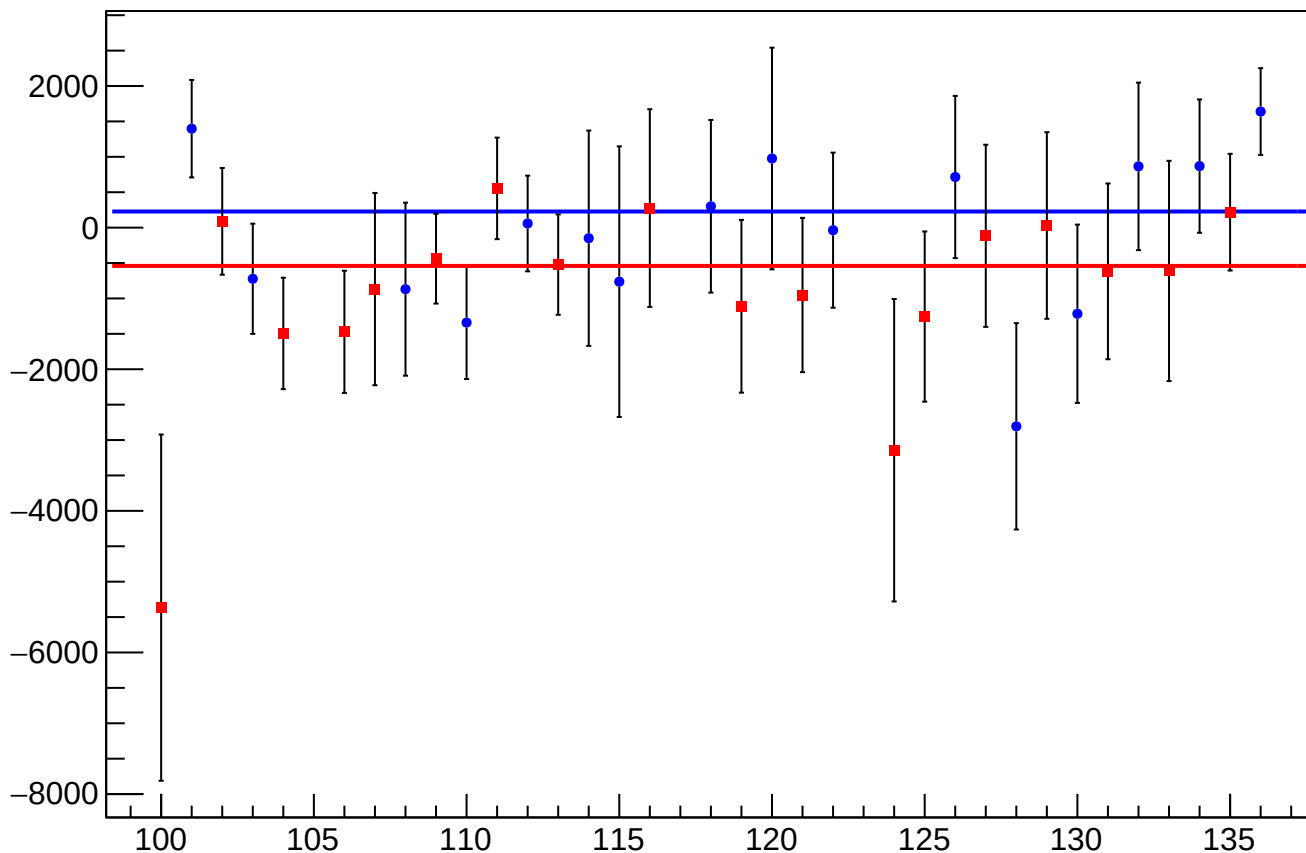
Right: 57.755+/-0.011 χ^2/NDF : 629387.4/33

In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.755+/-0.011 χ^2/NDF : 629387.4/33

asym_sam_15_48_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.547 $\pm$ 241.227 χ^2 /NDF: 21.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -540.605 $\pm$ 232.462 χ^2 /NDF: 13.3/17

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

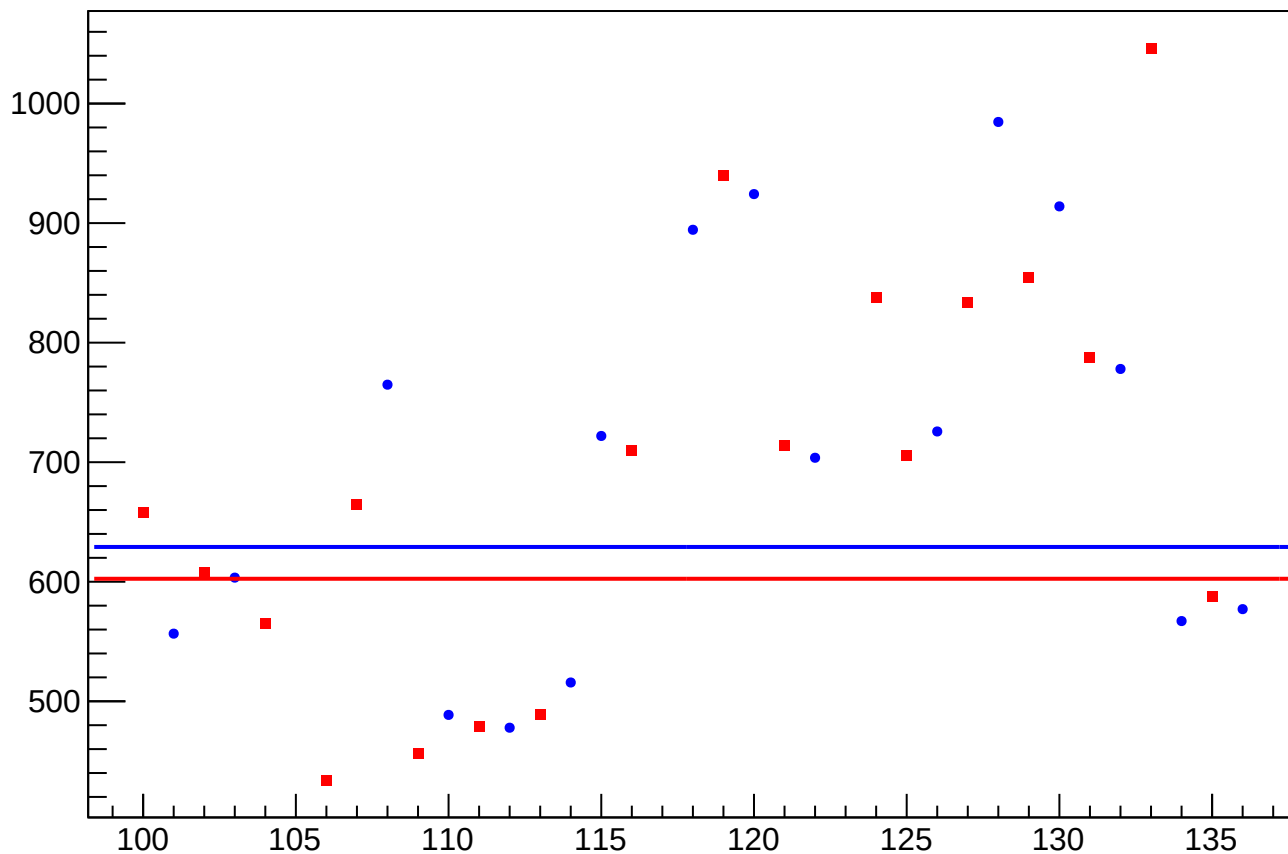
Right: -170.737 $\pm$ 167.388 χ^2 /NDF: 40.2/33

In: 227.547 $\pm$ 241.227 χ^2 /NDF:21.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -170.737 $\pm$ 167.388 χ^2 /NDF: 40.2/33

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: 602.489+/-0.164 χ^2/NDF : 873351.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

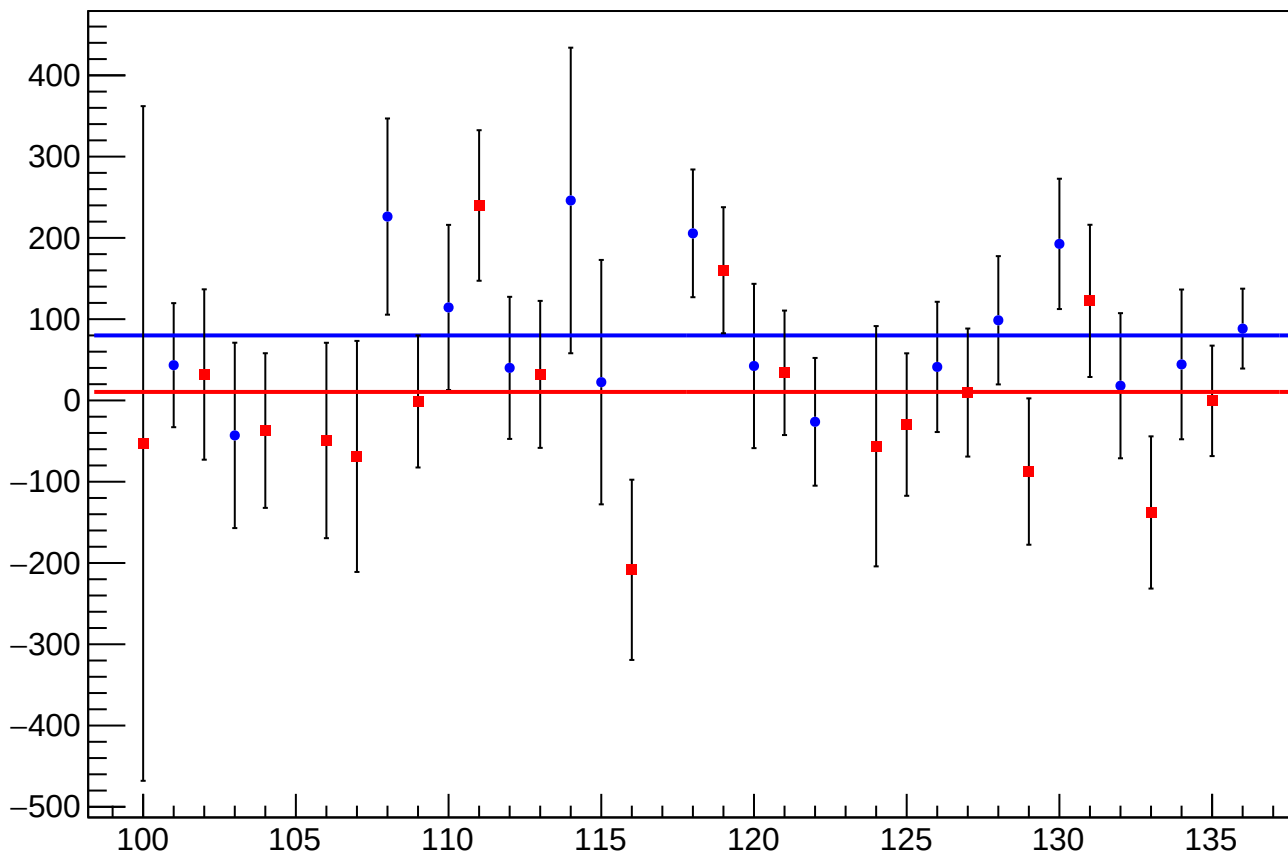
Right: 615.302+/-0.118 χ^2/NDF : 1578688.2/33

In: 629.101+/-0.171 χ^2/NDF : 692716.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.302+/-0.118 χ^2/NDF : 1578688.2/33

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: 10.466 $\pm$ 22.143 χ^2 /NDF: 20.4/17

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

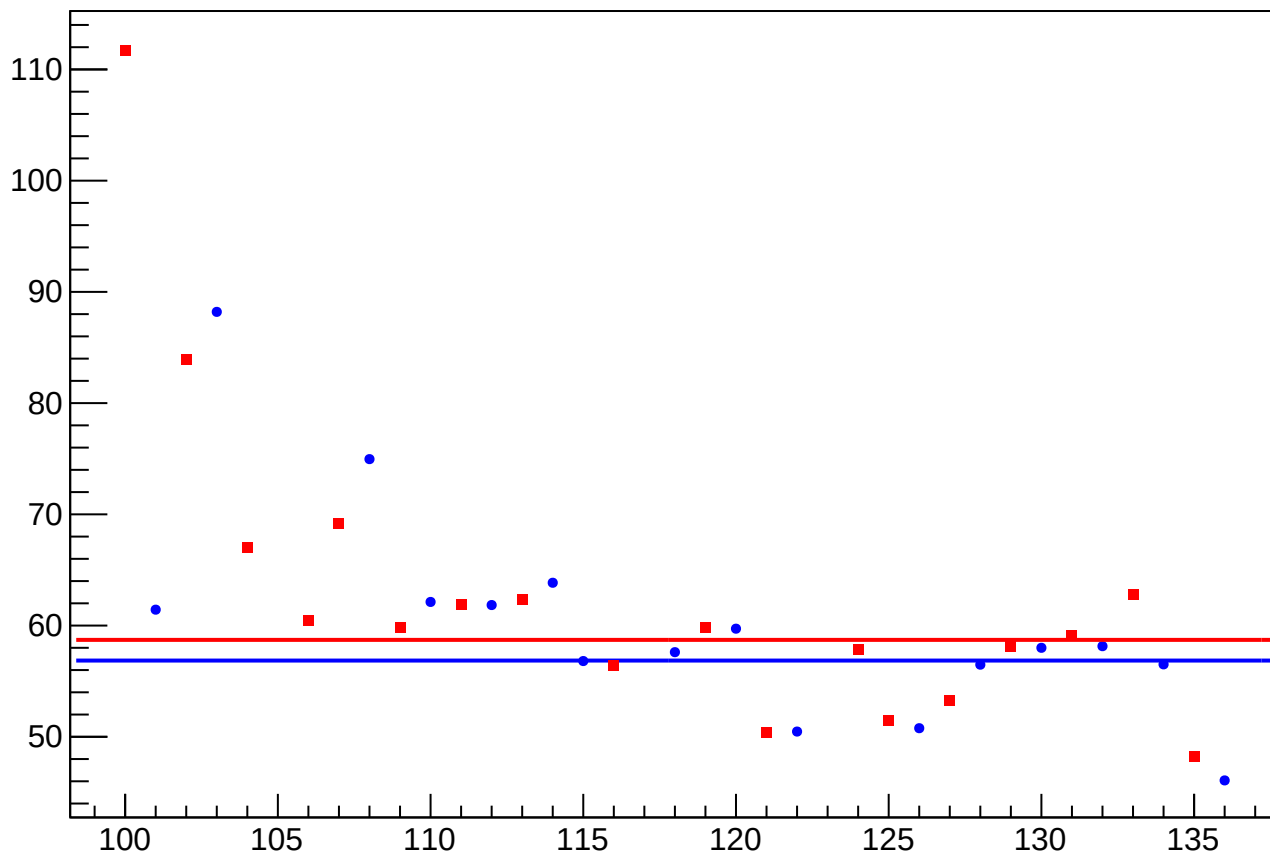
Right: 46.297 $\pm$ 15.416 χ^2 /NDF: 37.0/33

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: 46.297 $\pm$ 15.416 χ^2 /NDF: 37.0/33

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: 58.713+/-0.016 χ^2/NDF : 280517.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

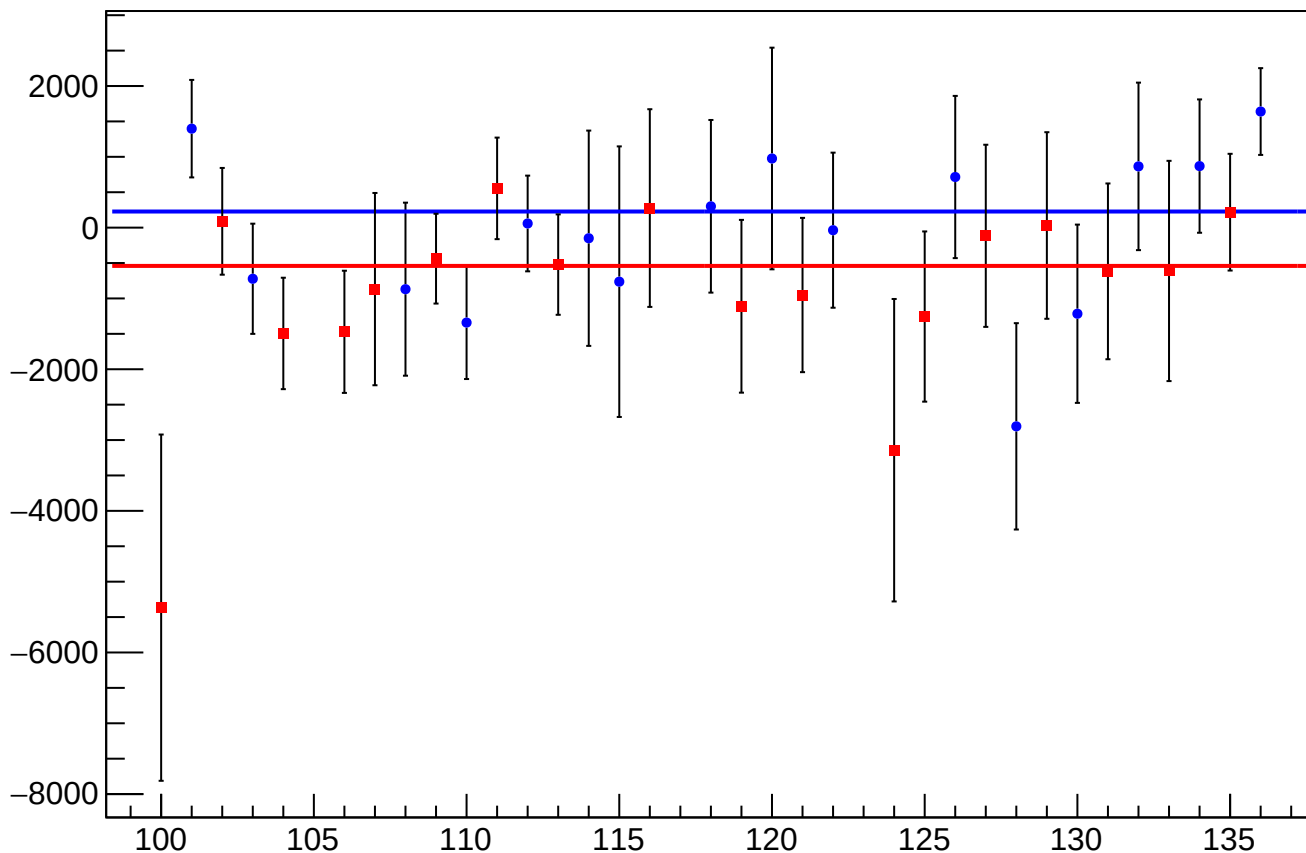
Right: 57.755+/-0.011 χ^2/NDF : 629387.4/33

In: 56.854+/-0.015 χ^2/NDF : 341605.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.755+/-0.011 χ^2/NDF : 629387.4/33

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 227.547 $\pm$ 241.227 χ^2 /NDF: 21.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -540.605 $\pm$ 232.462 χ^2 /NDF: 13.3/17

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

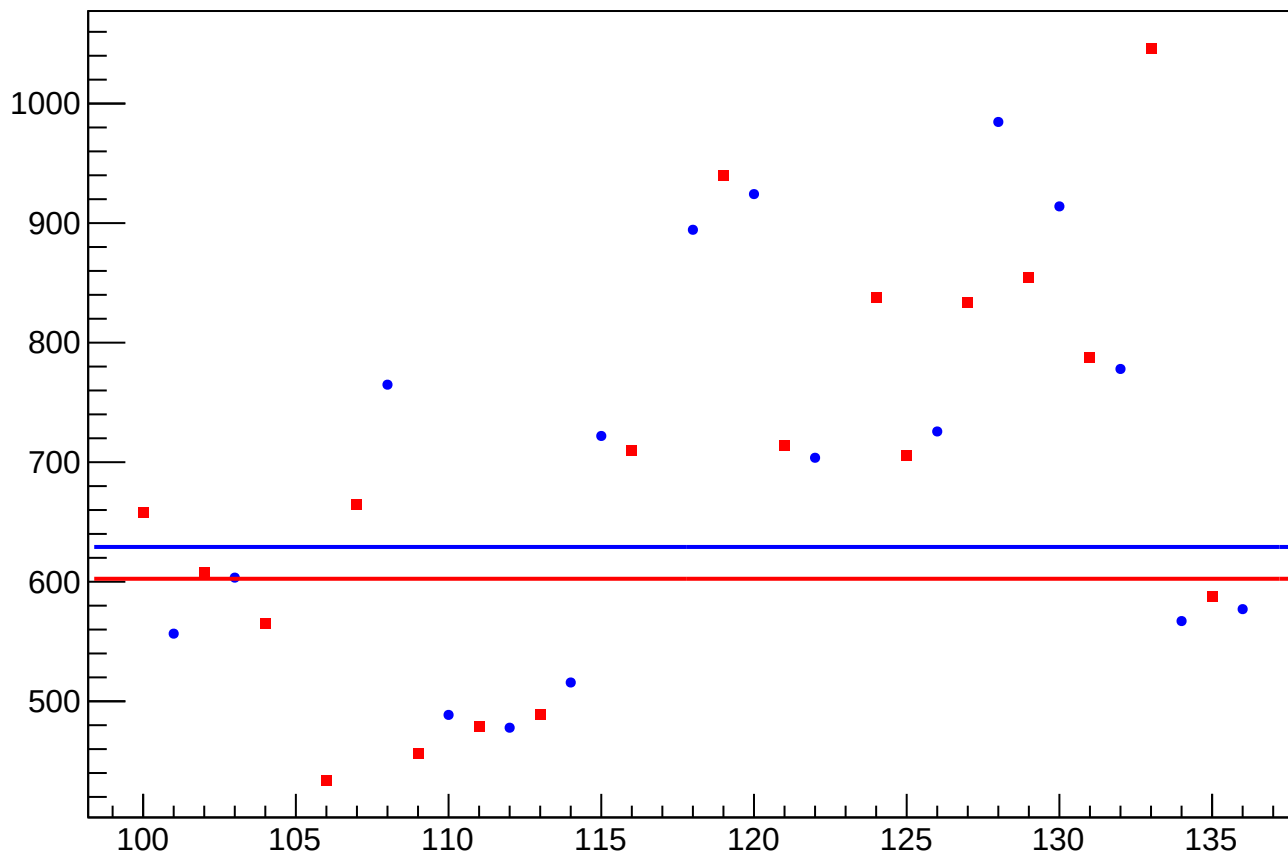
Right: -170.737 $\pm$ 167.388 χ^2 /NDF: 40.2/33

In: 227.547 $\pm$ 241.227 χ^2 /NDF:21.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -170.737 $\pm$ 167.388 χ^2 /NDF: 40.2/33

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: 602.489+/-0.164 χ^2/NDF : 873351.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

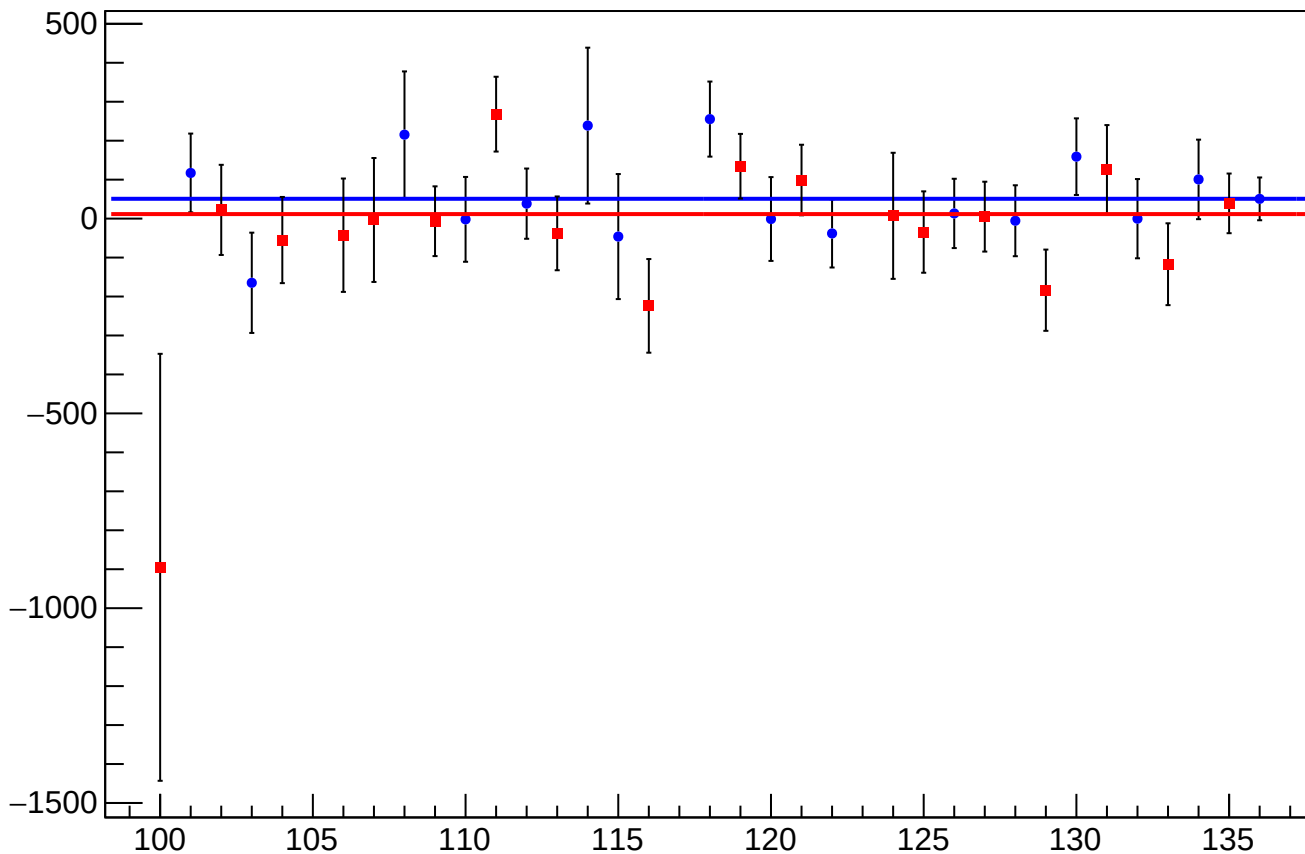
Right: 615.302+/-0.118 χ^2/NDF : 1578688.2/33

In: 629.101+/-0.171 χ^2/NDF :692716.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 615.302+/-0.118 χ^2/NDF : 1578688.2/33

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: 11.596 $\pm$ 24.909 χ^2 /NDF: 24.0/17

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

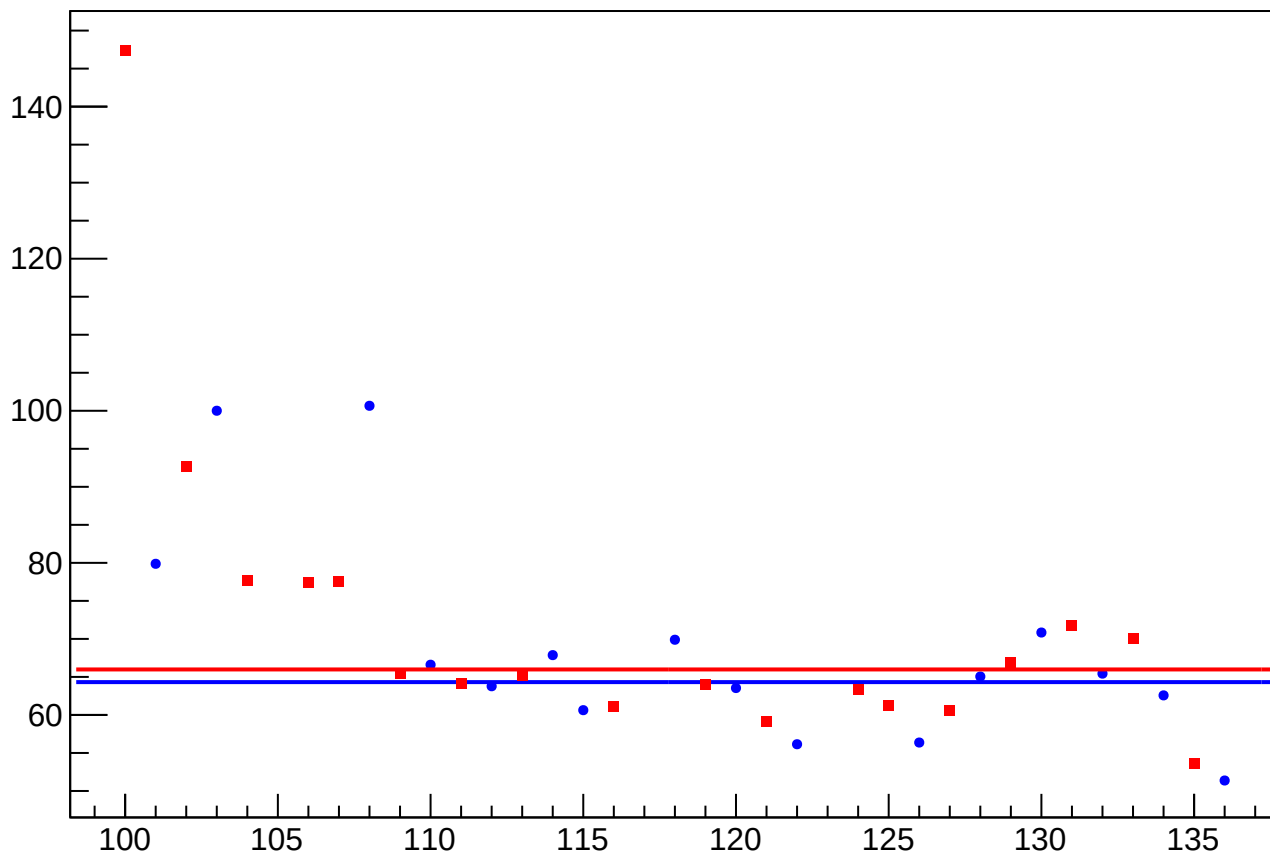
Right: 31.560 $\pm$ 17.464 χ^2 /NDF: 39.1/33

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: 31.560 $\pm$ 17.464 χ^2 /NDF: 39.1/33

dit_asym_sam_15_48_dd_rms vs Slug, Sign Corrected



Right In: 64.317+/-0.017 χ^2/NDF : 464952.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.982+/-0.018 χ^2/NDF : 284629.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

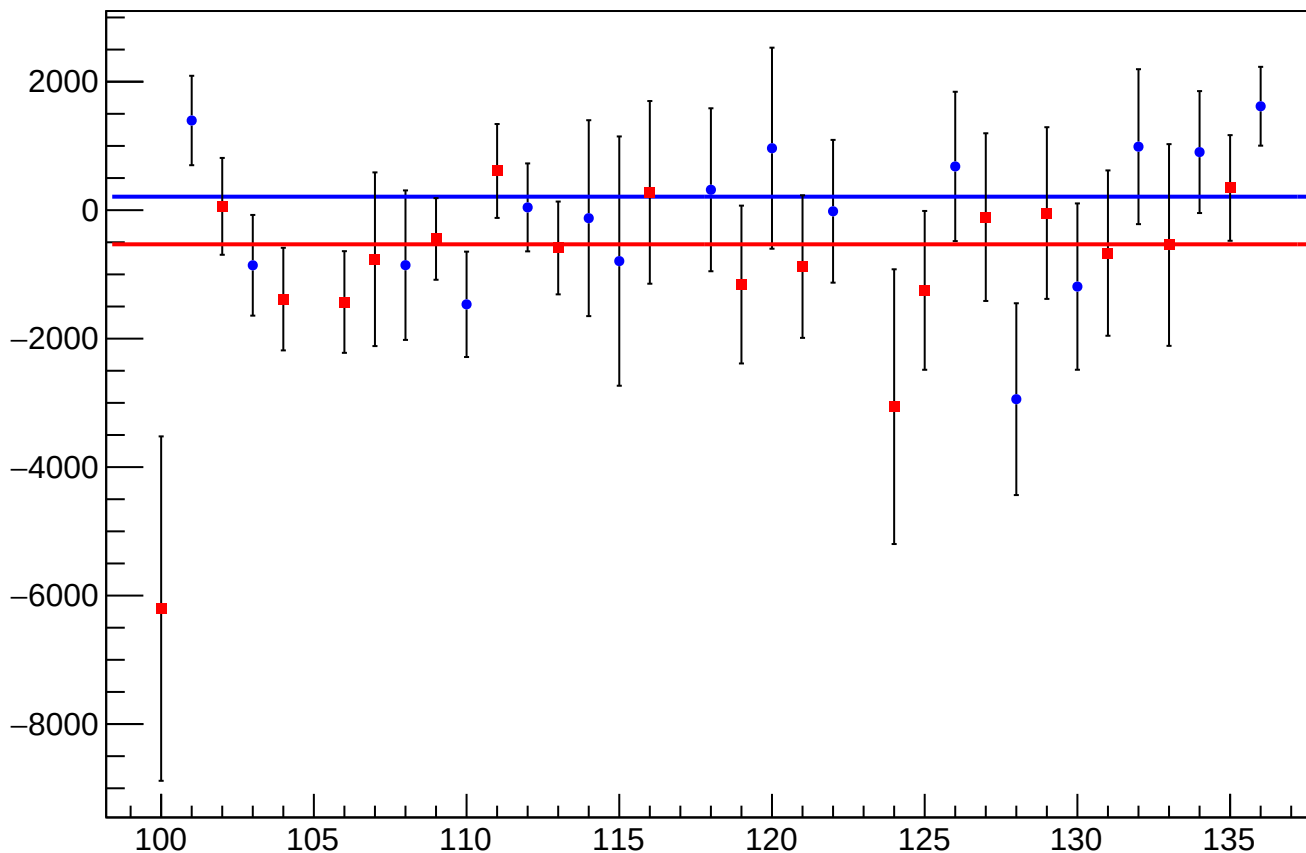
Right: 65.136+/-0.012 χ^2/NDF : 754128.0/33

In: 64.317+/-0.017 χ^2/NDF : 464952.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.136+/-0.012 χ^2/NDF : 754128.0/33

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: -531.530 $\pm$ 233.430 χ^2 /NDF: 13.8/17

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

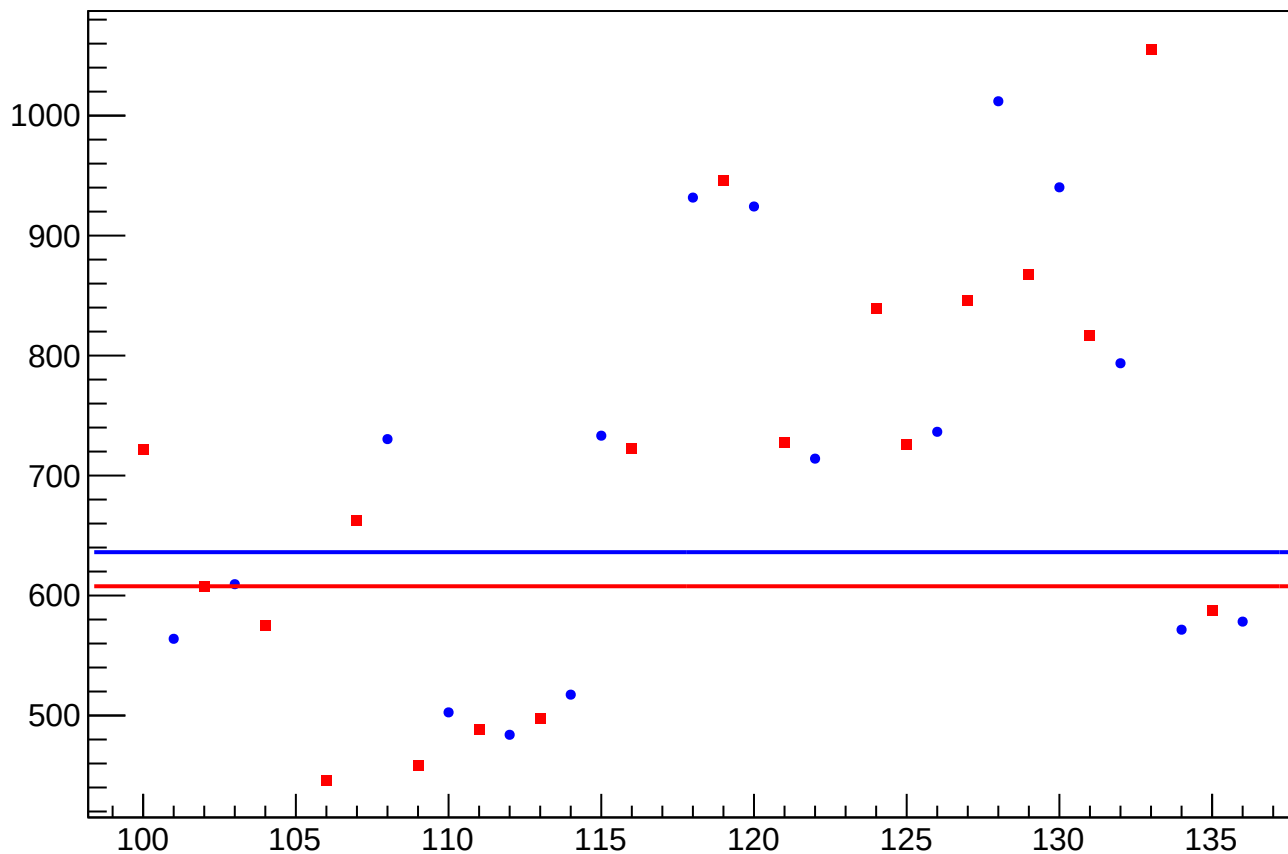
Right: -176.860 $\pm$ 168.606 χ^2 /NDF: 41.1/33

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: -176.860 $\pm$ 168.606 χ^2 /NDF: 41.1/33

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: 607.731+/-0.165 χ^2/NDF : 892886.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

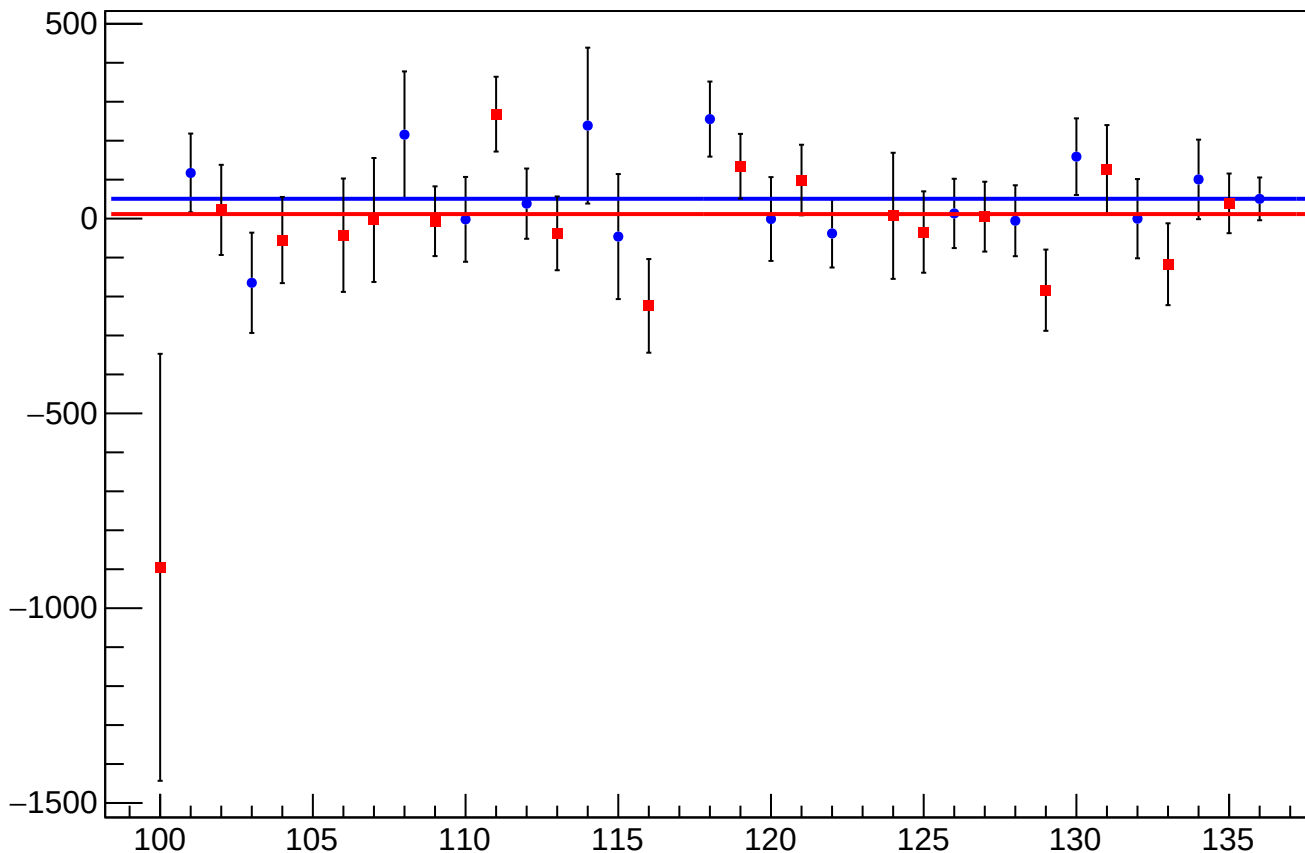
Right: 621.321+/-0.119 χ^2/NDF : 1612297.0/33

In: 636.144+/-0.172 χ^2/NDF : 705237.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.321+/-0.119 χ^2/NDF : 1612297.0/33

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: 11.596+/-24.909 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

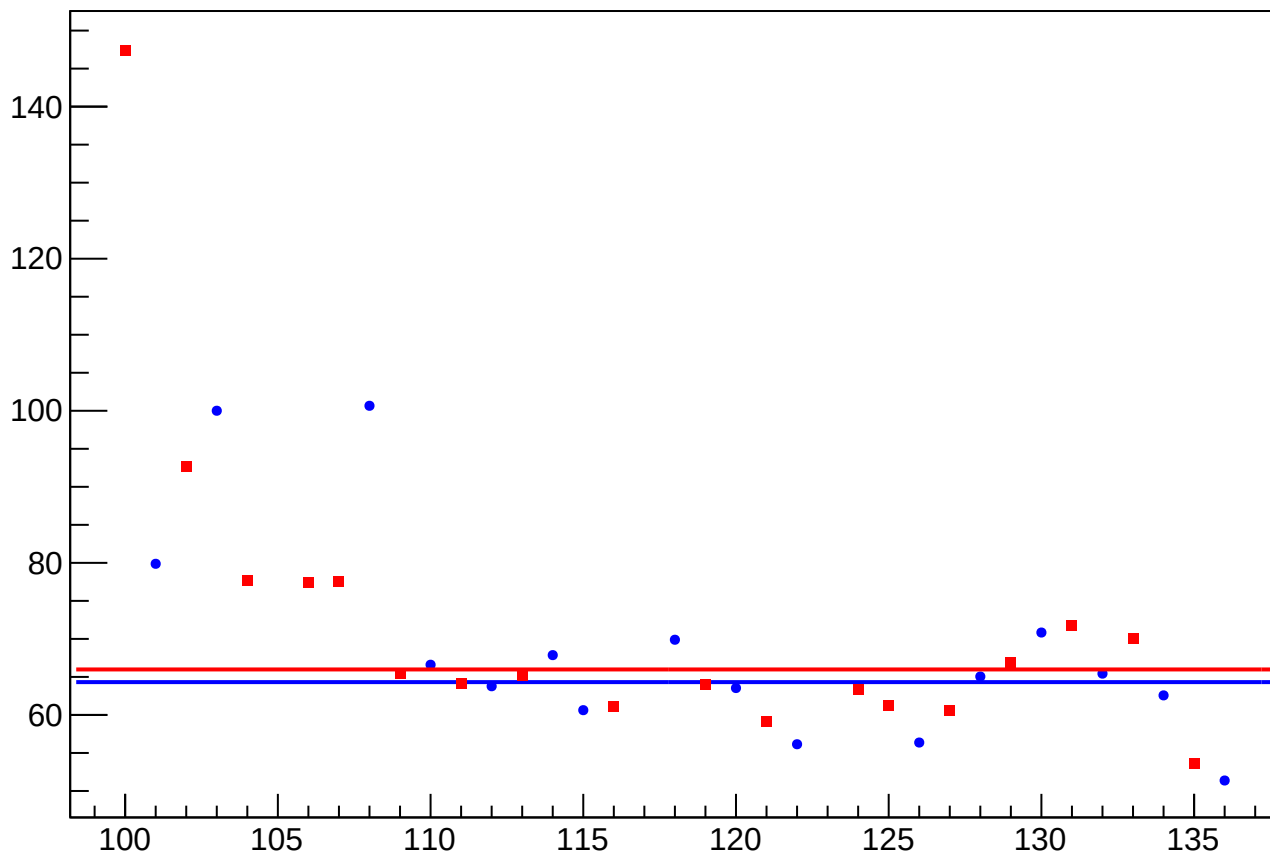
Right: 31.559+/-17.464 χ^2/NDF : 39.1/33

In: 50.859+/-24.492 χ^2/NDF : 13.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.559+/-17.464 χ^2/NDF : 39.1/33

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: 65.982+/-0.018 χ^2/NDF : 284635.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

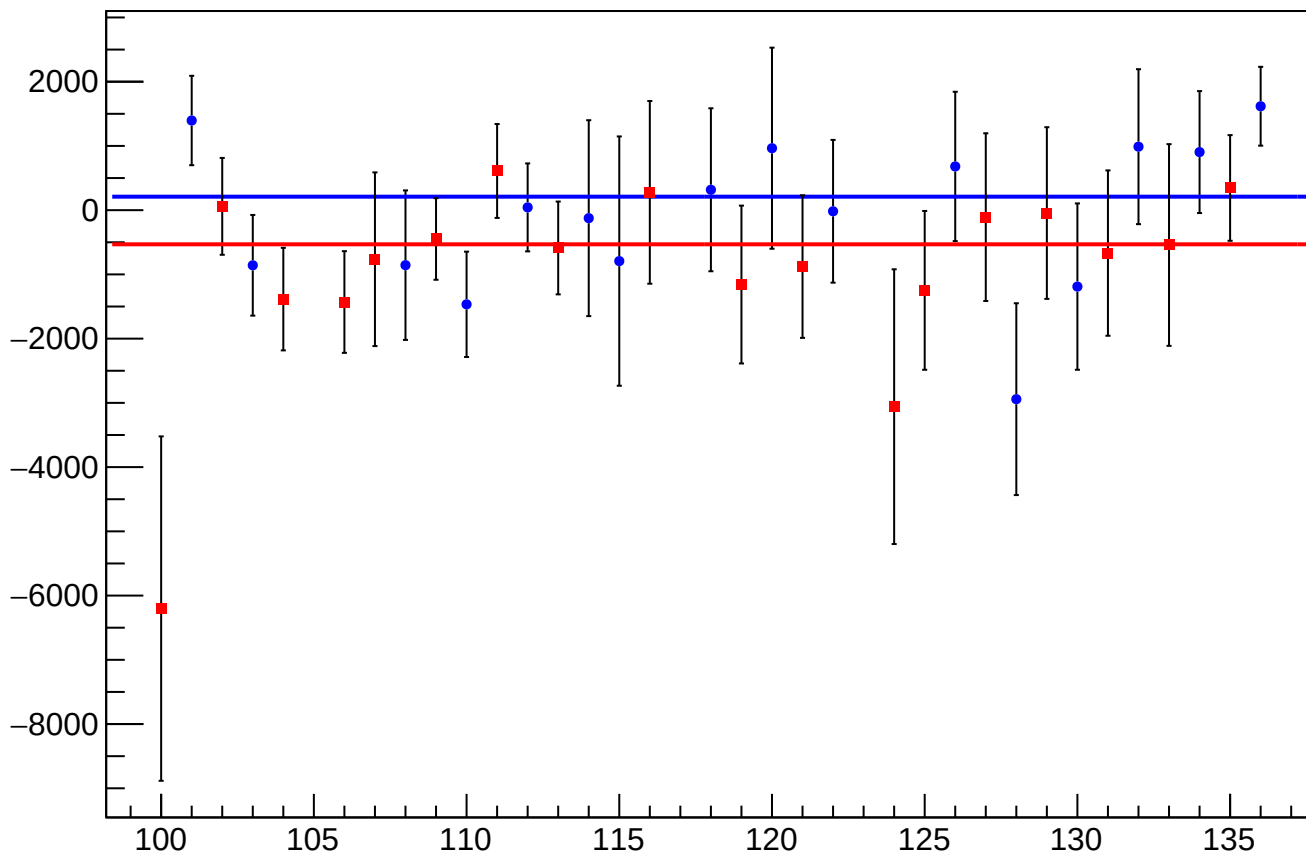
Right: 65.135+/-0.012 χ^2/NDF : 754131.6/33

In: 64.317+/-0.017 χ^2/NDF :464950.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 65.135+/-0.012 χ^2/NDF : 754131.6/33

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: -531.529 $\pm$ 233.429 χ^2 /NDF: 13.8/17

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

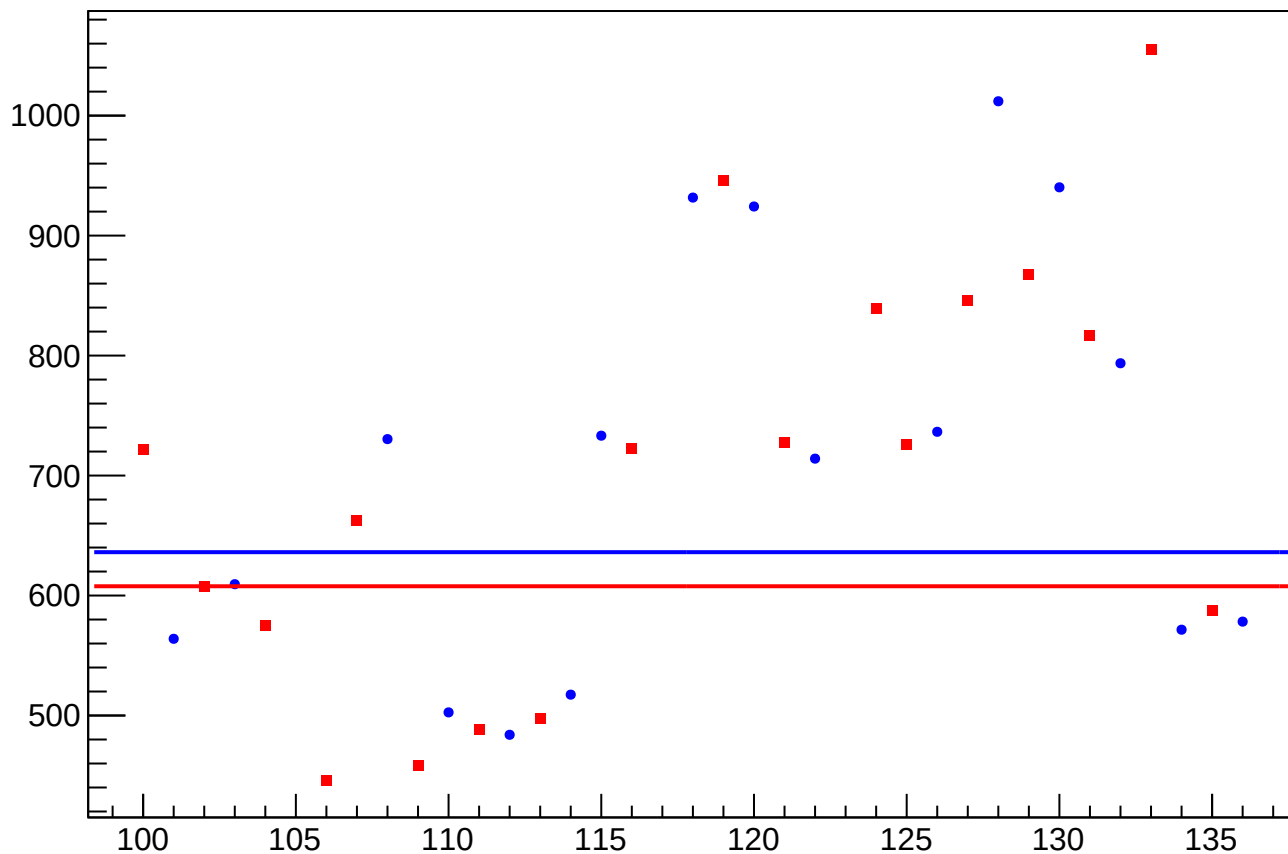
Right: -176.860 $\pm$ 168.606 χ^2 /NDF: 41.1/33

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: -176.860 $\pm$ 168.606 χ^2 /NDF: 41.1/33

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: 607.730+/-0.165 χ^2/NDF : 892888.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

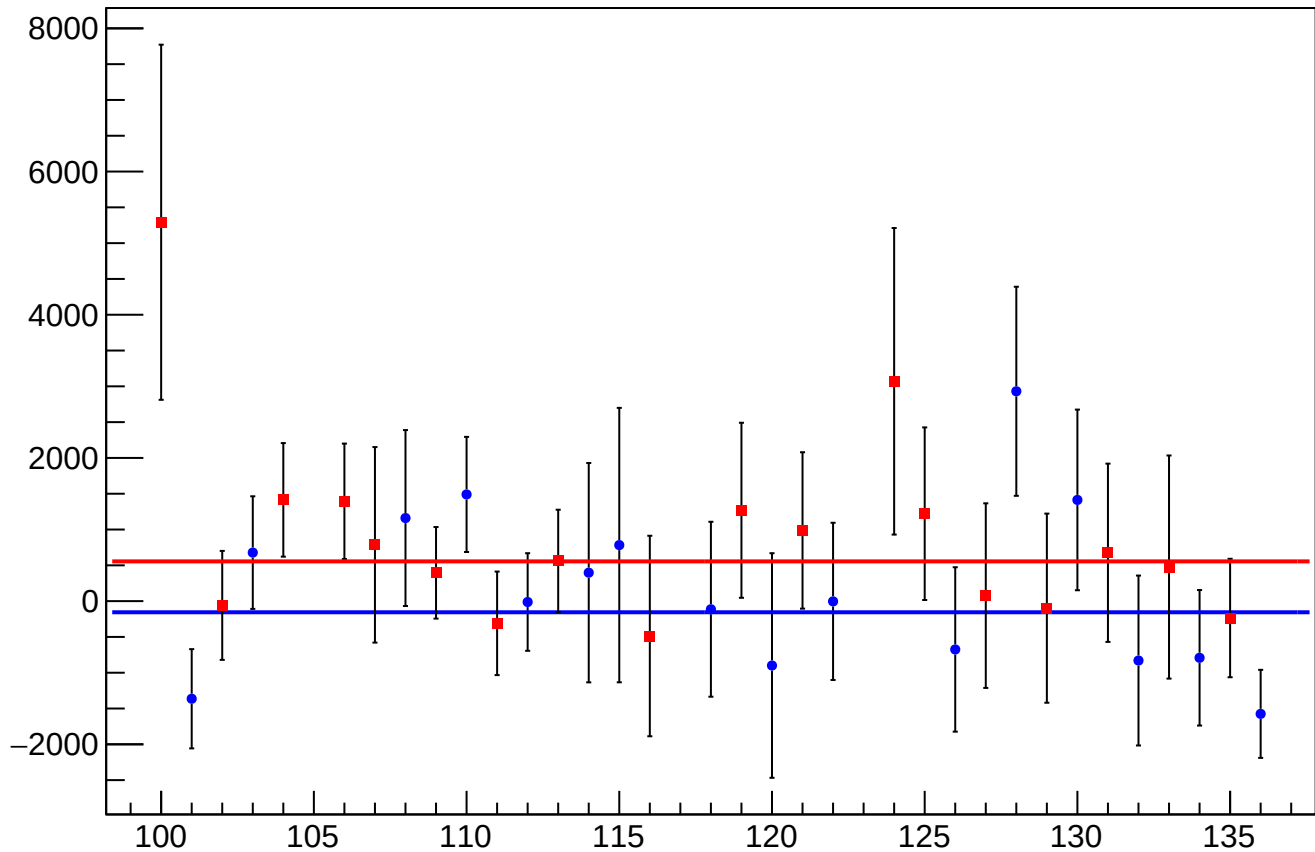
Right: 621.320+/-0.119 χ^2/NDF : 1612302.5/33

In: 636.144+/-0.172 χ^2/NDF : 705241.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 621.320+/-0.119 χ^2/NDF : 1612302.5/33

asym_sam_15_48_dd_mean vs Slug, Sign Corrected



Right In: -155.651+/-242.595 χ^2/NDF : 22.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 555.116+/-232.582 χ^2/NDF : 12.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

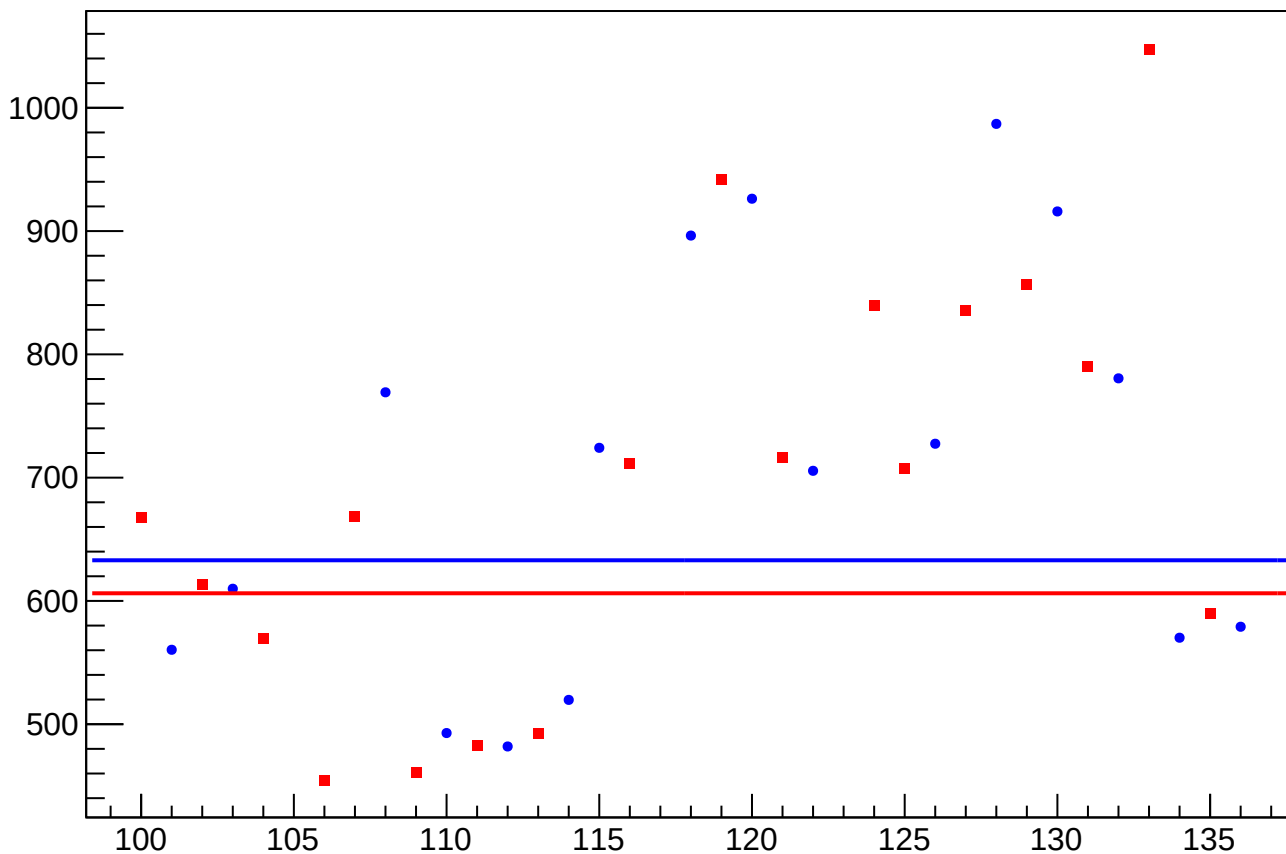
Right: 214.704+/-167.889 χ^2/NDF : 39.1/33

In: -155.651+/-242.595 χ^2/NDF : 22.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.704+/-167.889 χ^2/NDF : 39.1/33

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: 606.198+/-0.164 χ^2/NDF : 853195.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

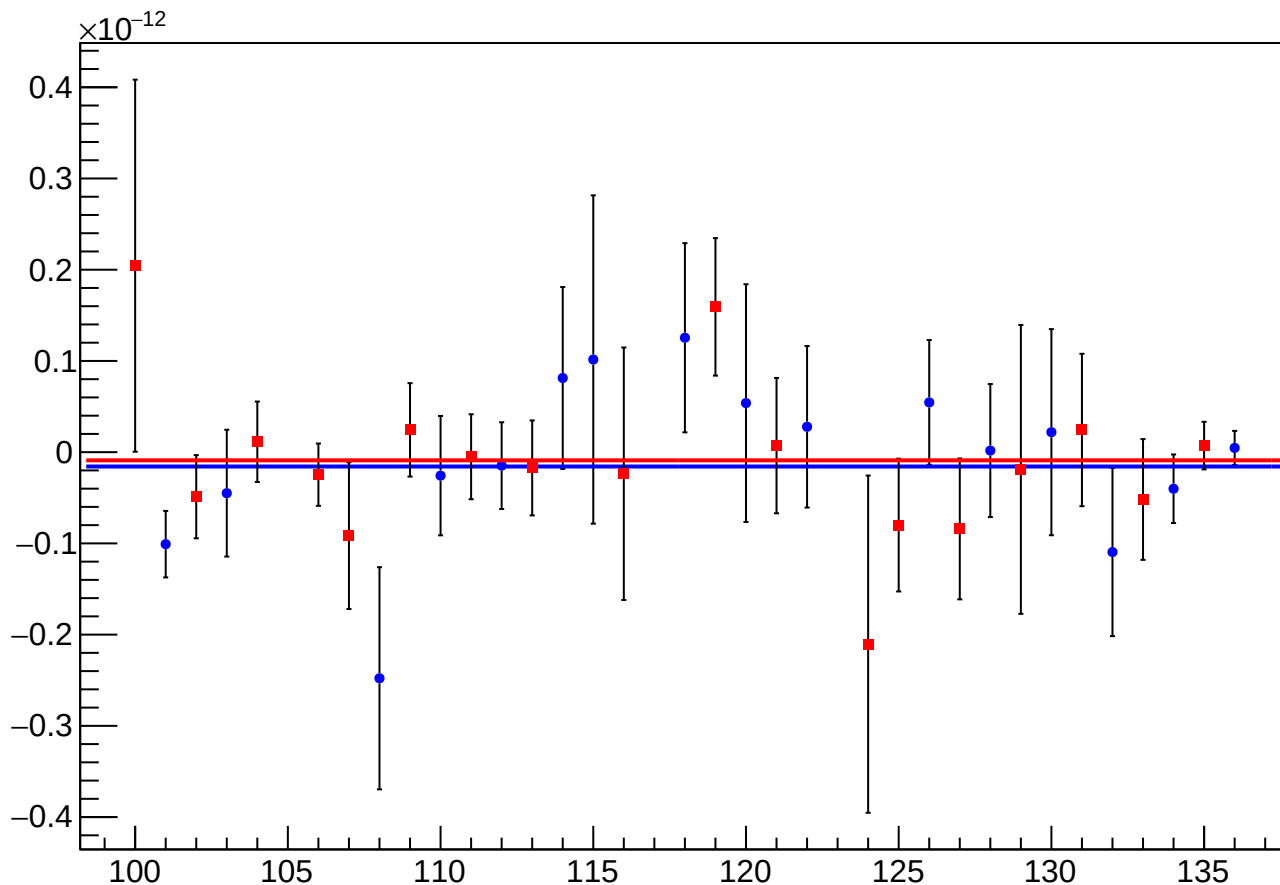
Right: 619.018+/-0.119 χ^2/NDF : 1547022.8/33

In: 632.966+/-0.172 χ^2/NDF : 681138.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 619.018+/-0.119 χ^2/NDF : 1547022.8/33

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 : 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

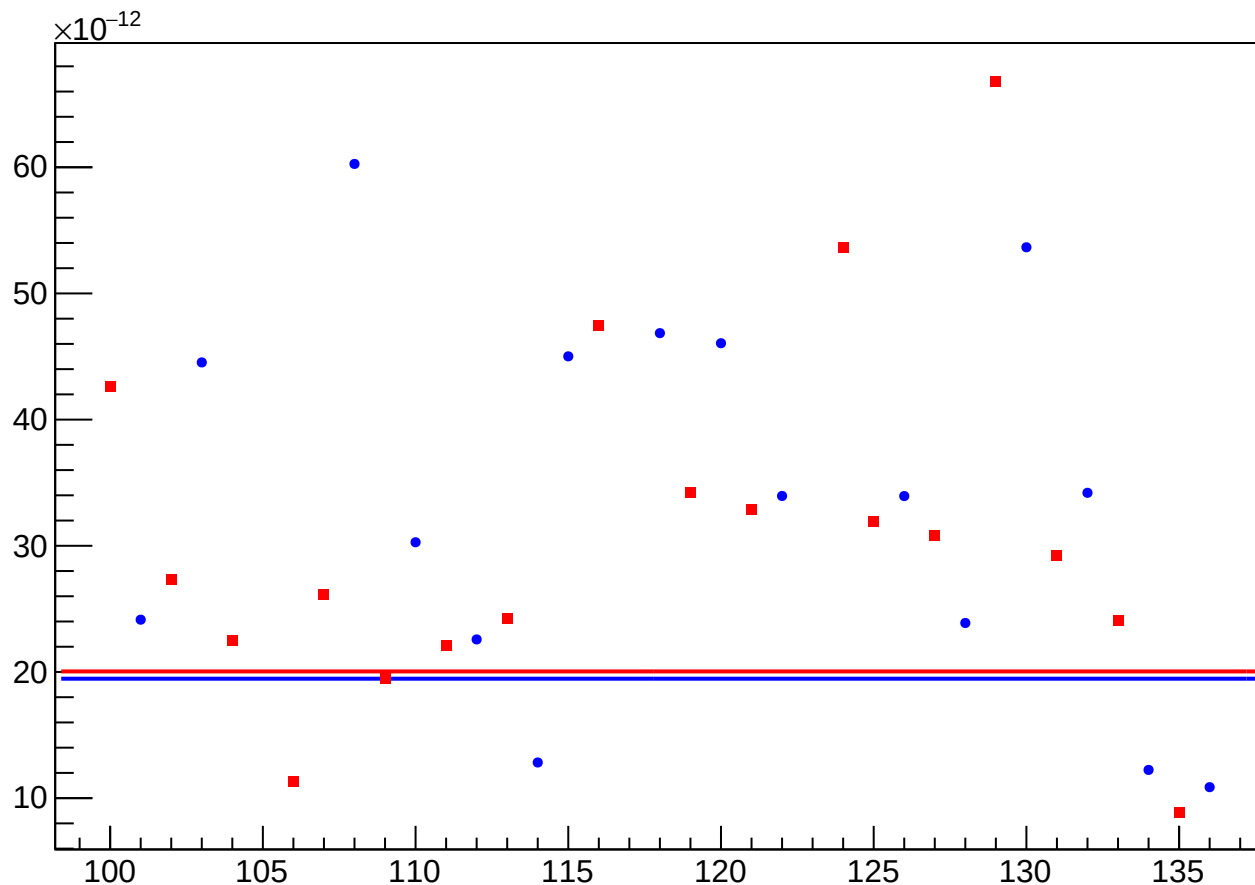
Right: -0.000+/-0.000 χ^2/NDF : 29.9/33

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 : 29.9/33

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 : 1182845.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

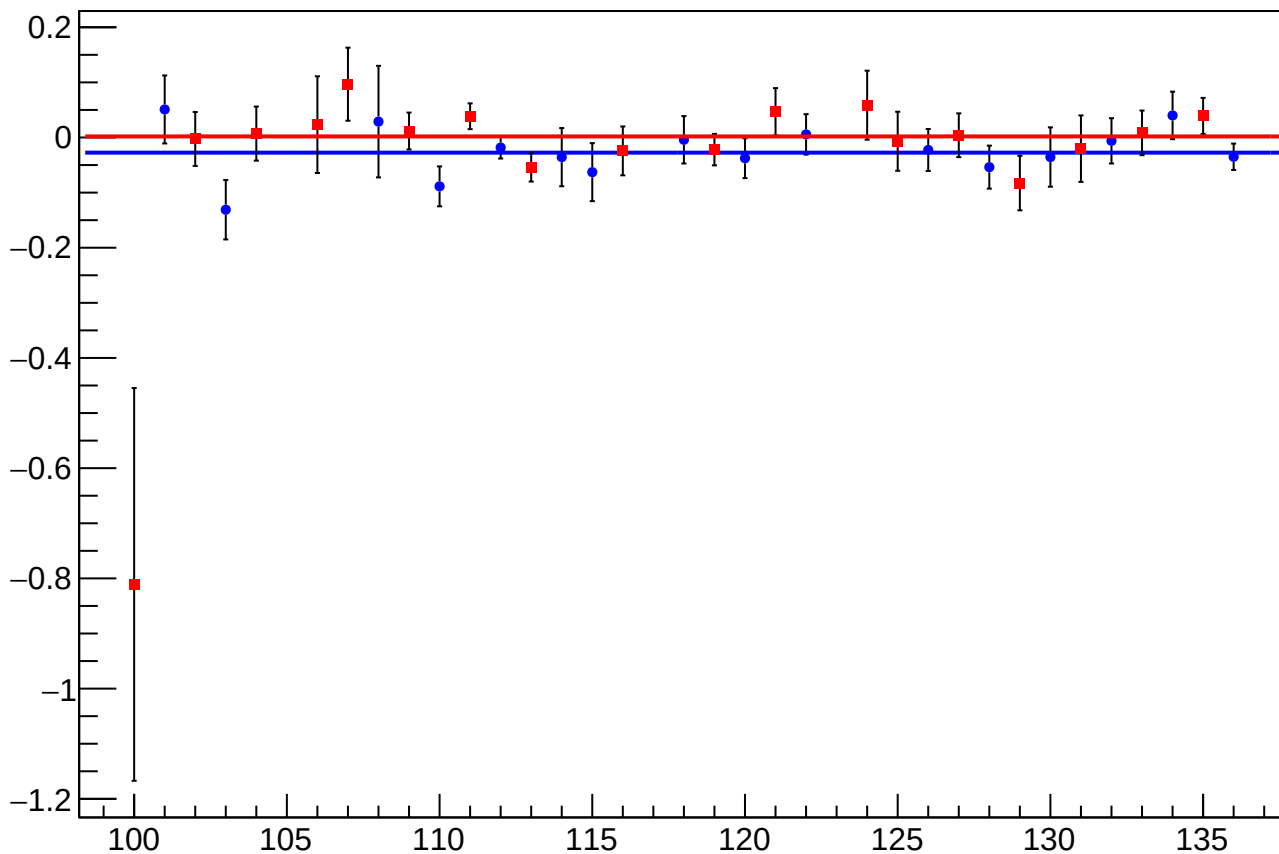
Right: 0.000+/-0.000 χ^2/NDF : 2920441.5/33

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 : 2920441.5/33

asym_sam_15_48_dd_dit_vs_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 : 22.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

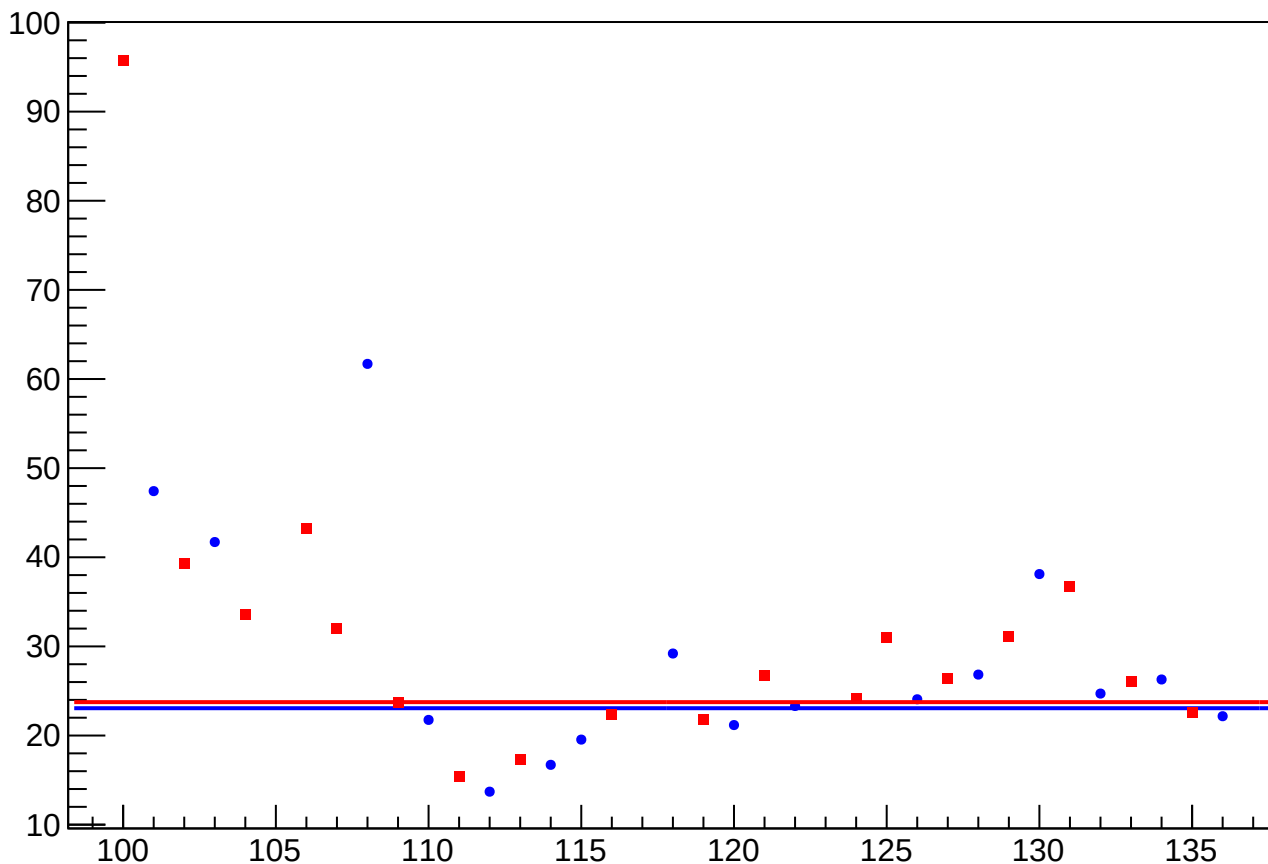
Right: -0.013 ± 0.007 χ^2/NDF : 40.6/33

In: -0.027 ± 0.009 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 40.6/33

asym_sam_15_48_dd_dit_vs_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: 23.747+/-0.007 χ^2/NDF : 1087179.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

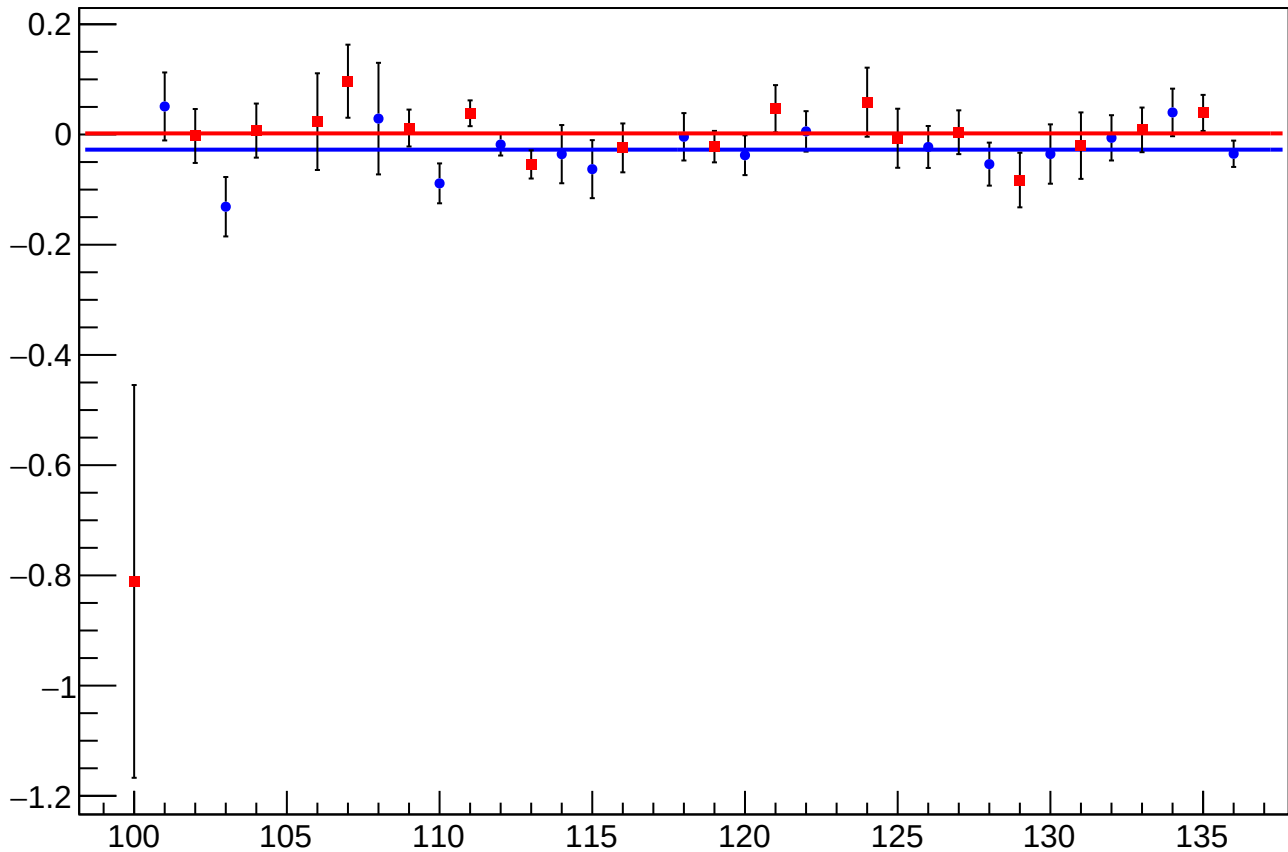
Right: 23.404+/-0.005 χ^2/NDF : 2656891.1/33

In: 23.066+/-0.007 χ^2/NDF :1564478.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.404+/-0.005 χ^2/NDF : 2656891.1/33

asym_sam_15_48_dd_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 : 22.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

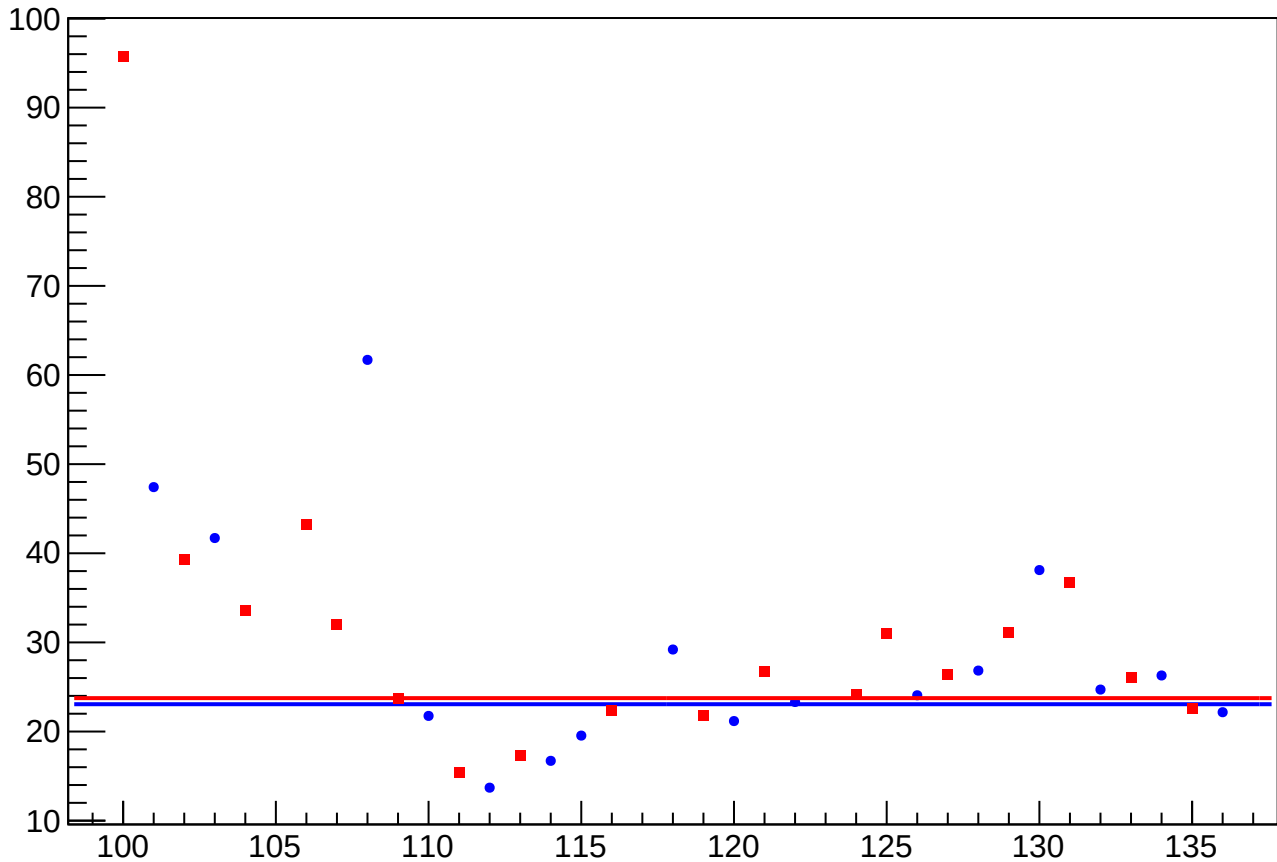
Right: -0.013 ± 0.007 χ^2/NDF : 40.6/33

In: -0.027 ± 0.009 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 40.6/33

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: 23.747+/-0.007 χ^2/NDF : 1087179.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

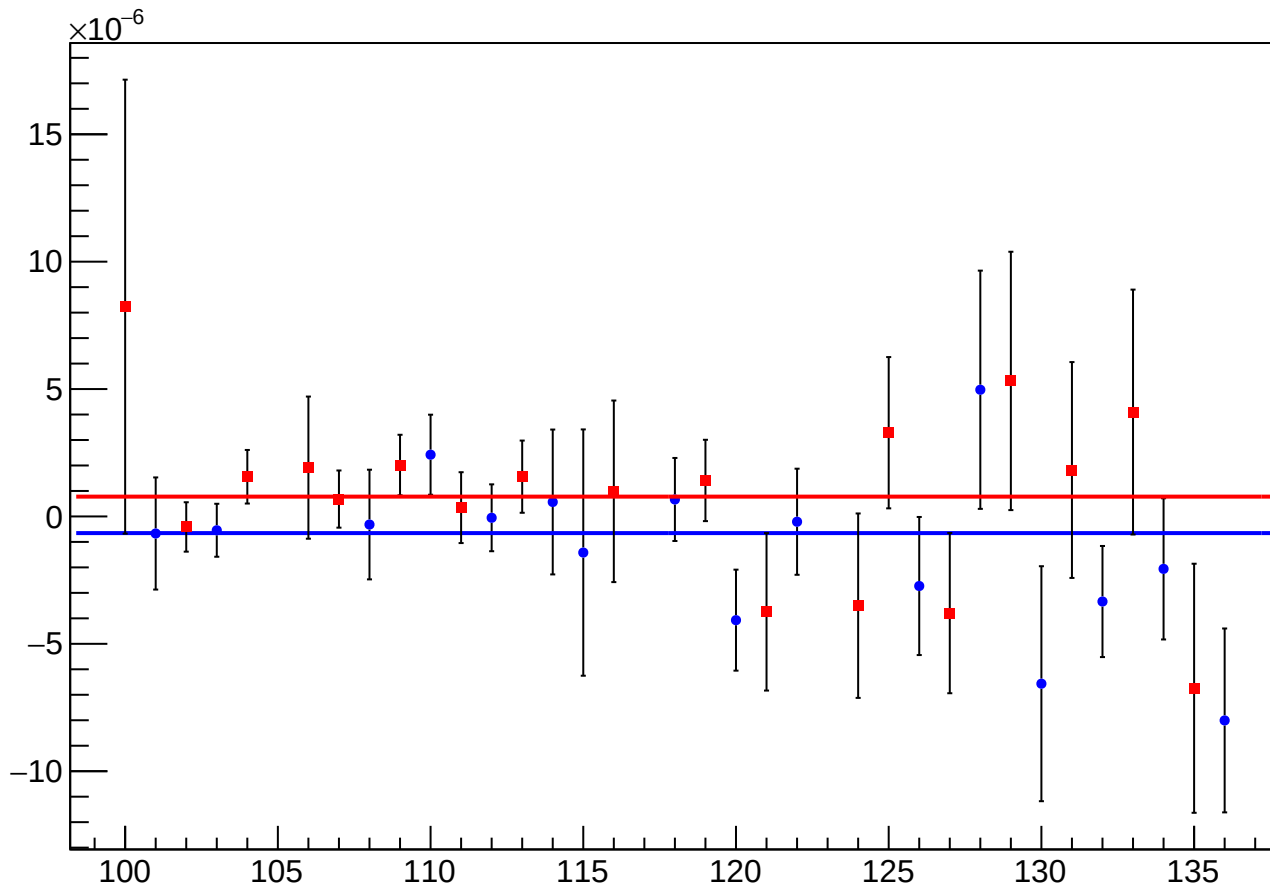
Right: 23.404+/-0.005 χ^2/NDF : 2656891.1/33

In: 23.066+/-0.007 χ^2/NDF :1564478.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.404+/-0.005 χ^2/NDF : 2656891.1/33

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 : 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

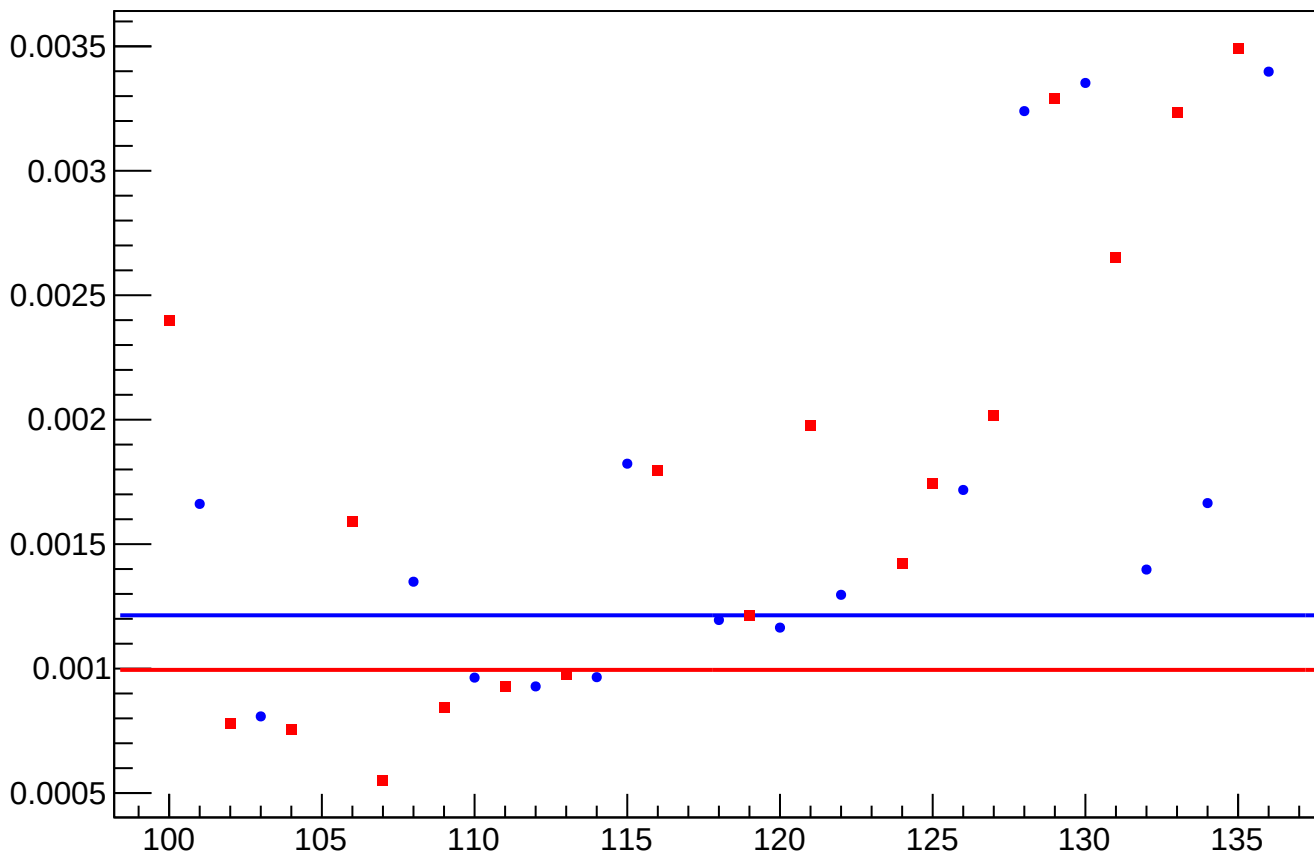
Right: 0.000+/-0.000 χ^2/NDF : 37.0/33

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 : 37.0/33

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 : 3073726.4/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 5567012.6/33

In: 0.001+/-0.000

χ^2/NDF : 2267402.2/15

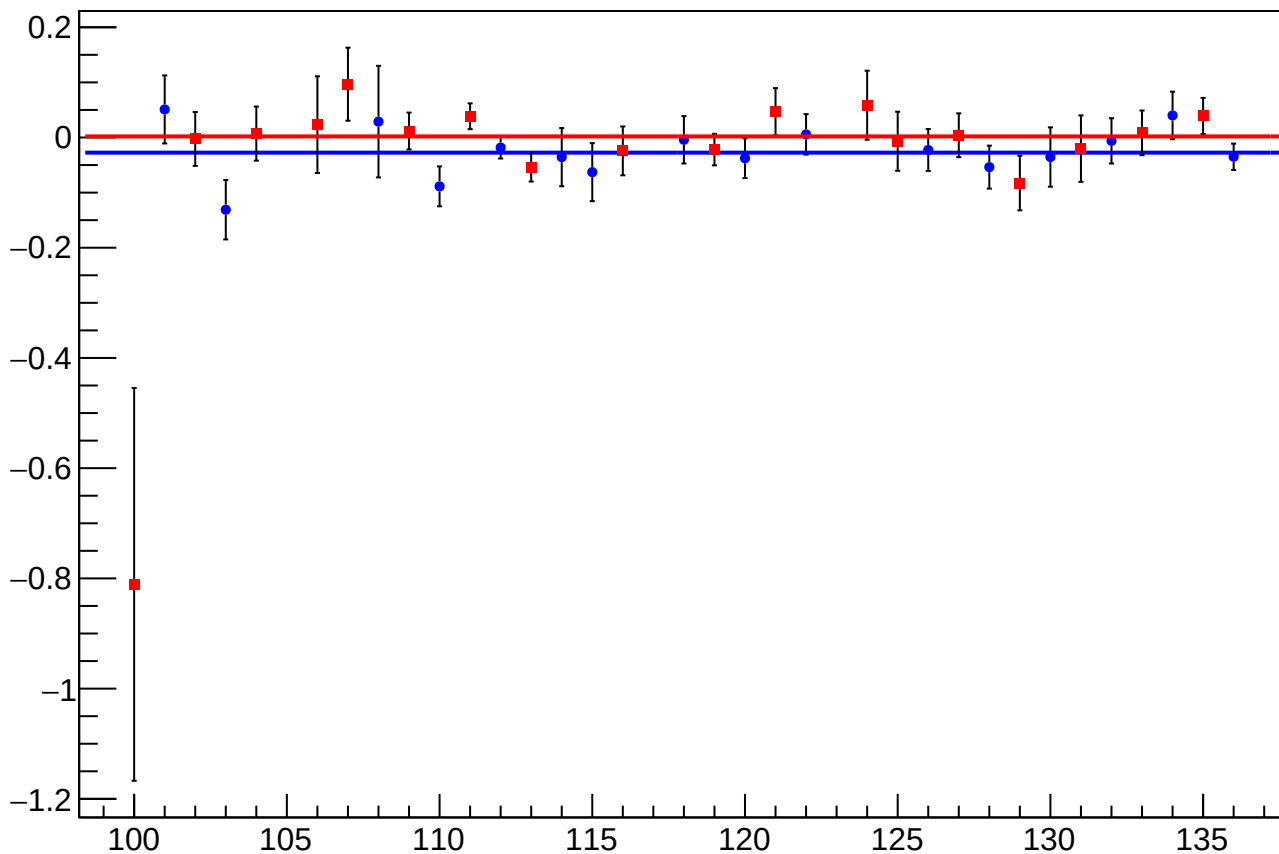
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5567012.6/33

asym_sam_15_48_dd_eigen_dit_vs_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 : 22.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

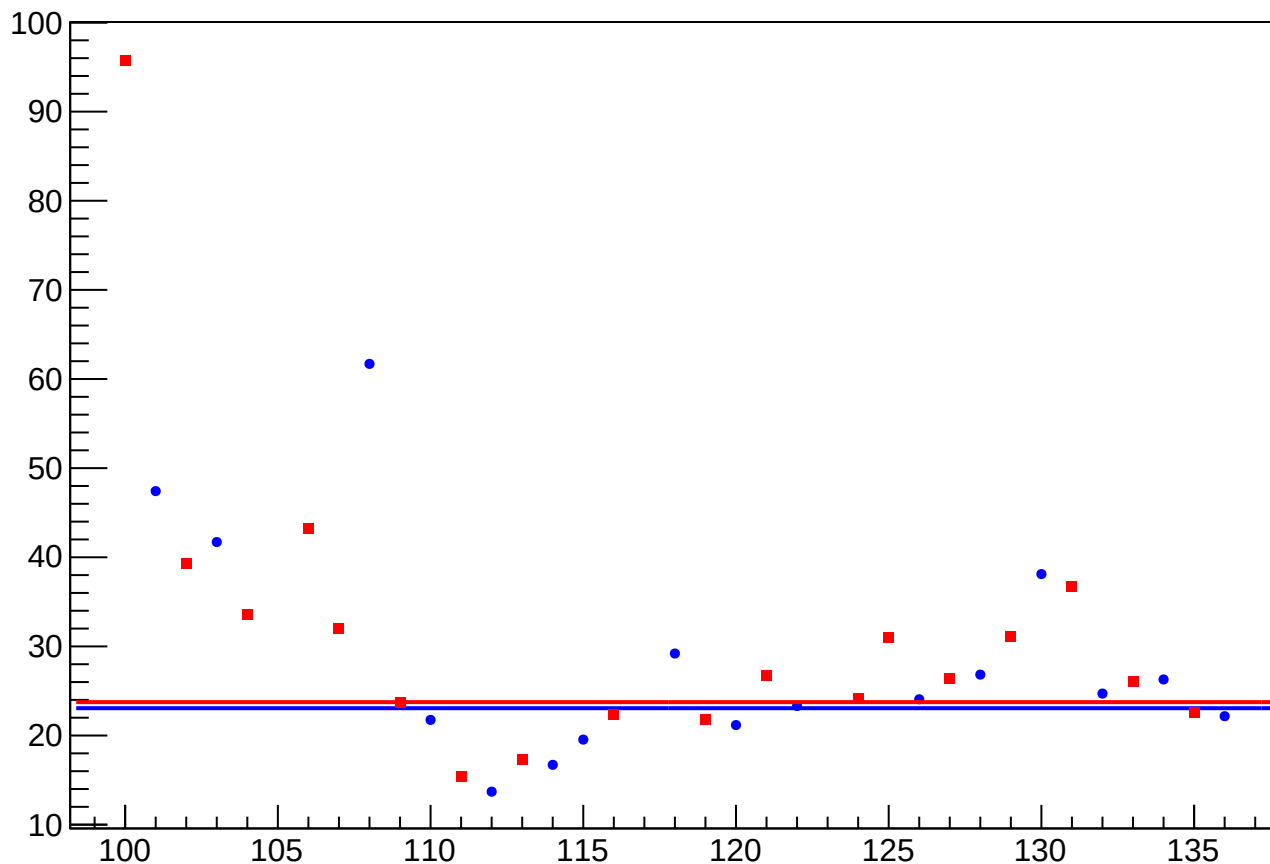
Right: -0.013 ± 0.007 χ^2/NDF : 40.6/33

In: -0.027 ± 0.009 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 40.6/33

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: 23.747+/-0.007 χ^2/NDF : 1087218.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

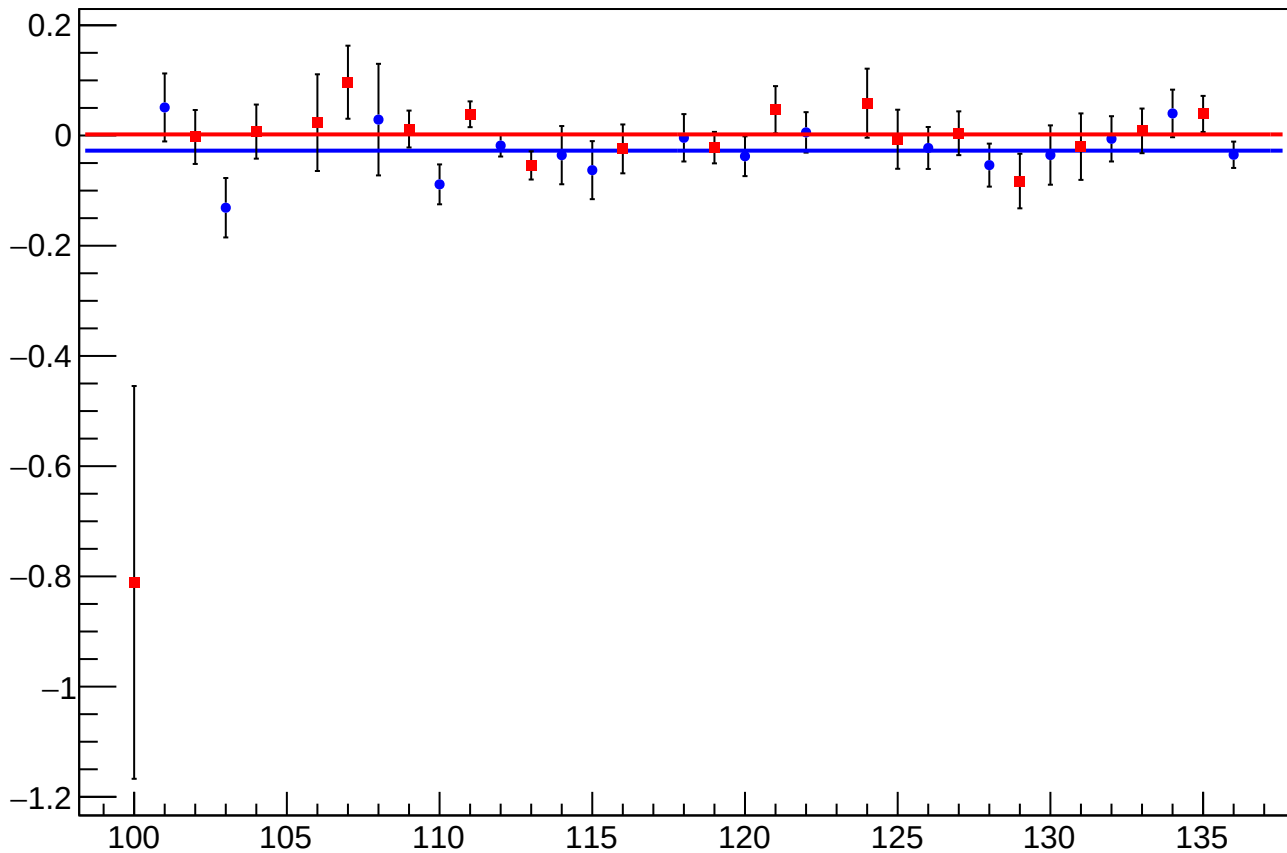
Right: 23.404+/-0.005 χ^2/NDF : 2656943.9/33

In: 23.065+/-0.007 χ^2/NDF :1564493.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.404+/-0.005 χ^2/NDF : 2656943.9/33

asym_sam_15_48_dd_eigen_dit_vs_eigen_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 $\chi^2/\text{NDF}: 22.0/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

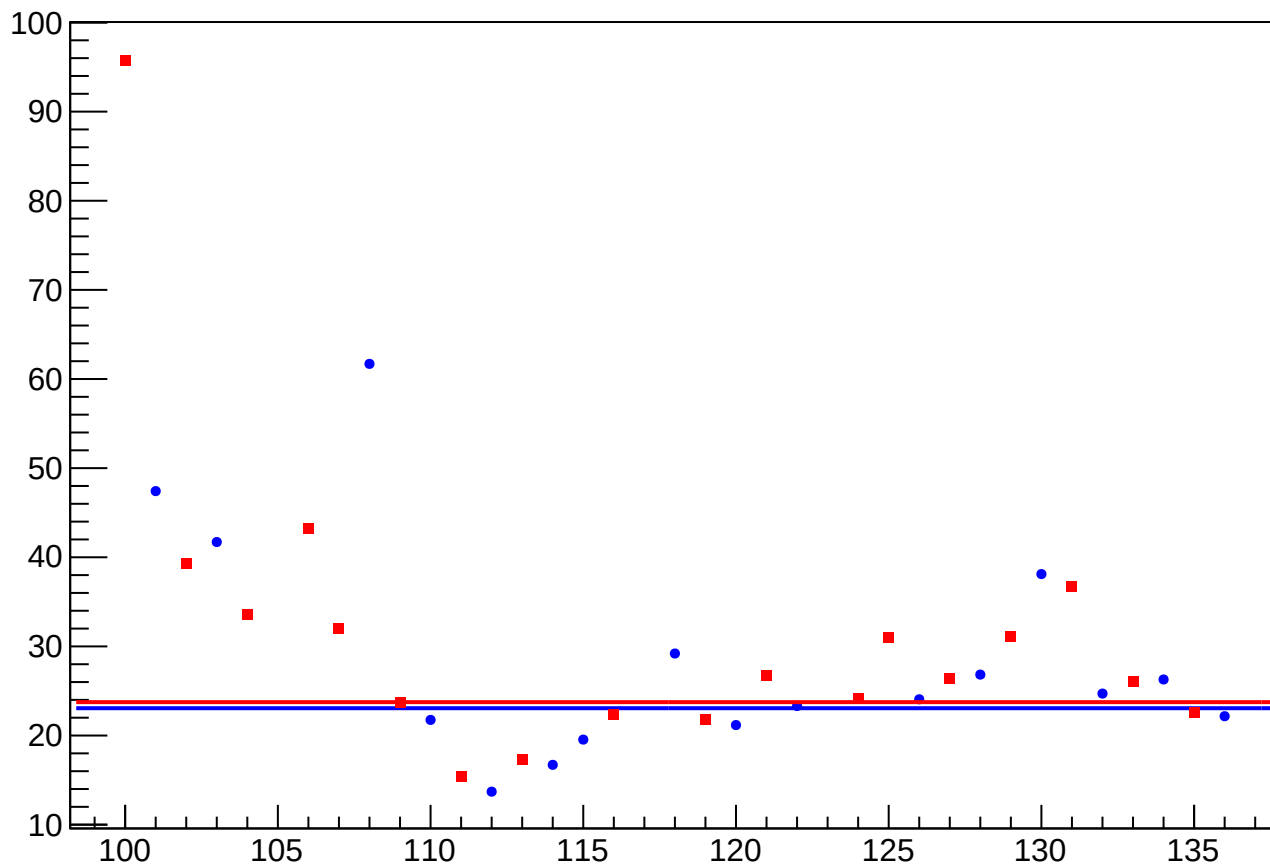
Right: -0.013 ± 0.007 $\chi^2/\text{NDF}: 40.6/33$

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: -0.013 ± 0.007 $\chi^2/\text{NDF}: 40.6/33$

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: 23.747+/-0.007 χ^2/NDF : 1087218.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

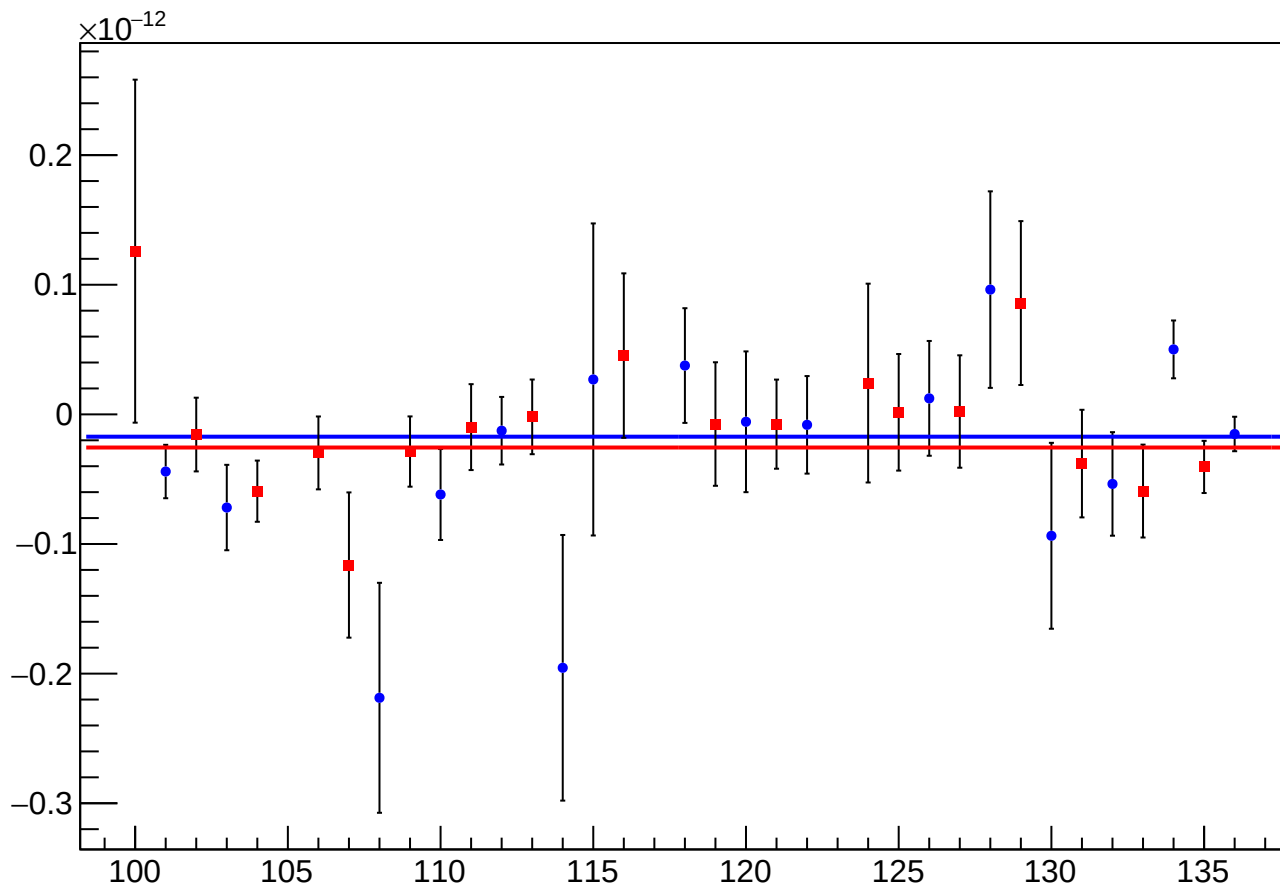
Right: 23.404+/-0.005 χ^2/NDF : 2656943.9/33

In: 23.065+/-0.007 χ^2/NDF : 1564493.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.404+/-0.005 χ^2/NDF : 2656943.9/33

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 : 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

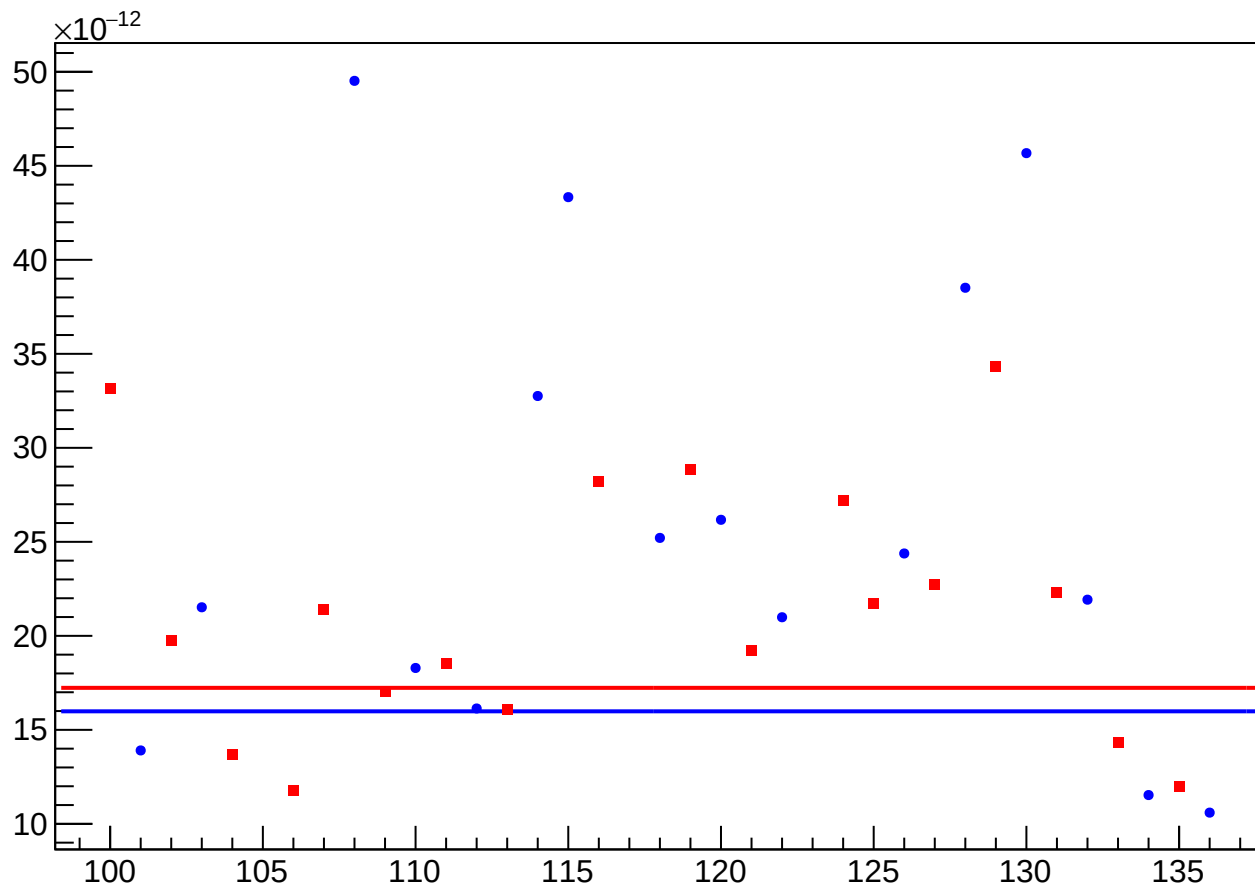
Right: -0.000 ± 0.000 χ^2/NDF : 44.9/33

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 : 44.9/33

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 : 777783.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

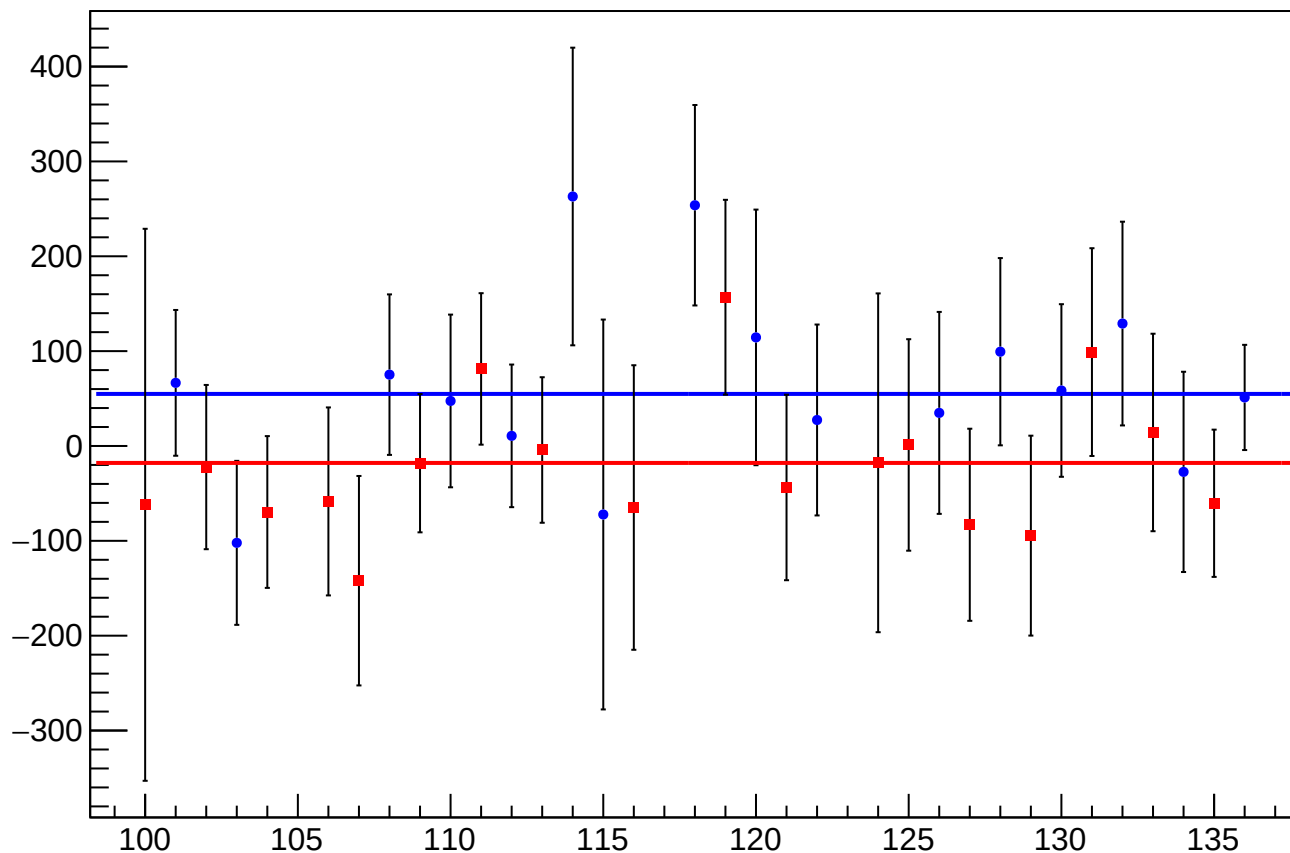
Right: 0.000+/-0.000 χ^2/NDF : 2566937.9/33

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 : 2566937.9/33

reg_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 54.883 $\pm$ 23.179 χ^2 /NDF: 11.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.876 $\pm$ 23.033 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

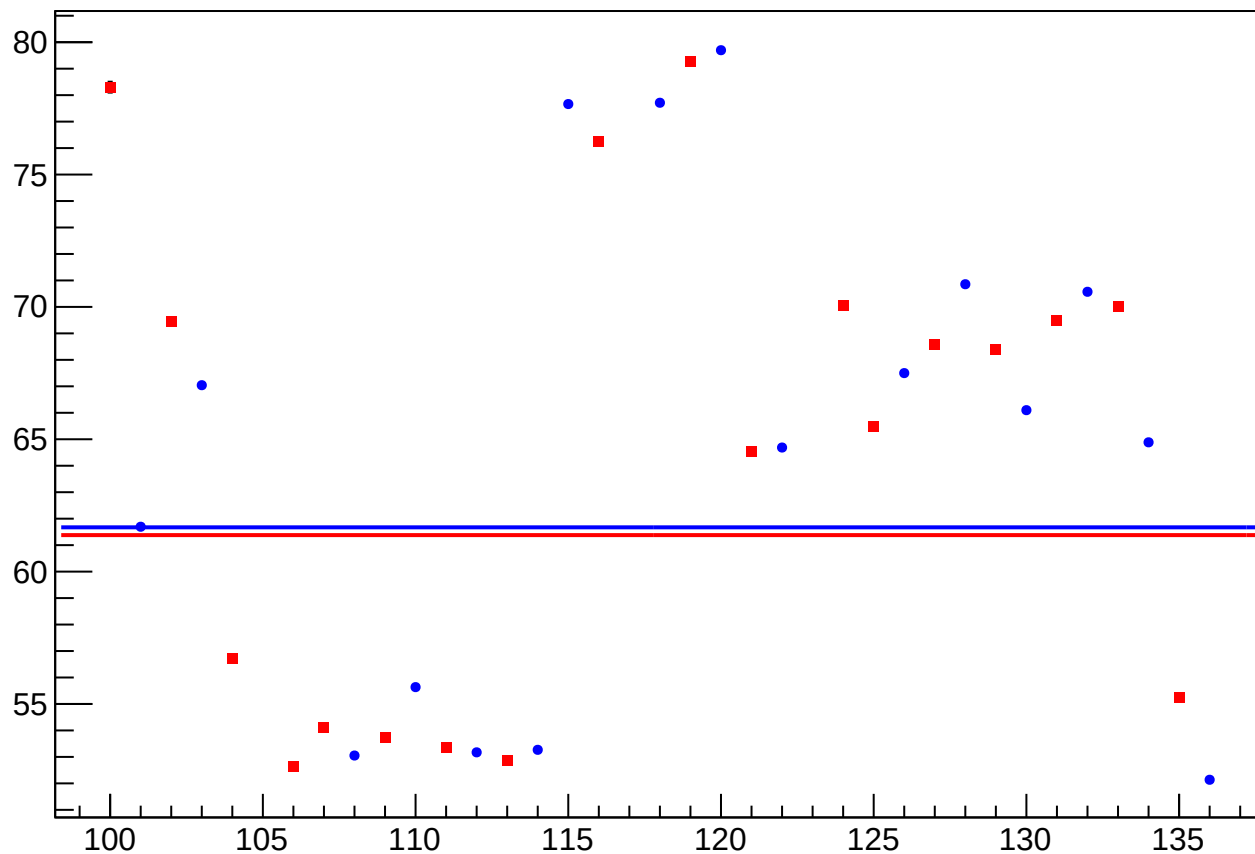
Right: 18.274 $\pm$ 16.338 χ^2 /NDF: 25.0/33

In: 54.883 $\pm$ 23.179 χ^2 /NDF:11.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 18.274 $\pm$ 16.338 χ^2 /NDF: 25.0/33

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: 61.379+/-0.016 χ^2/NDF : 268013.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

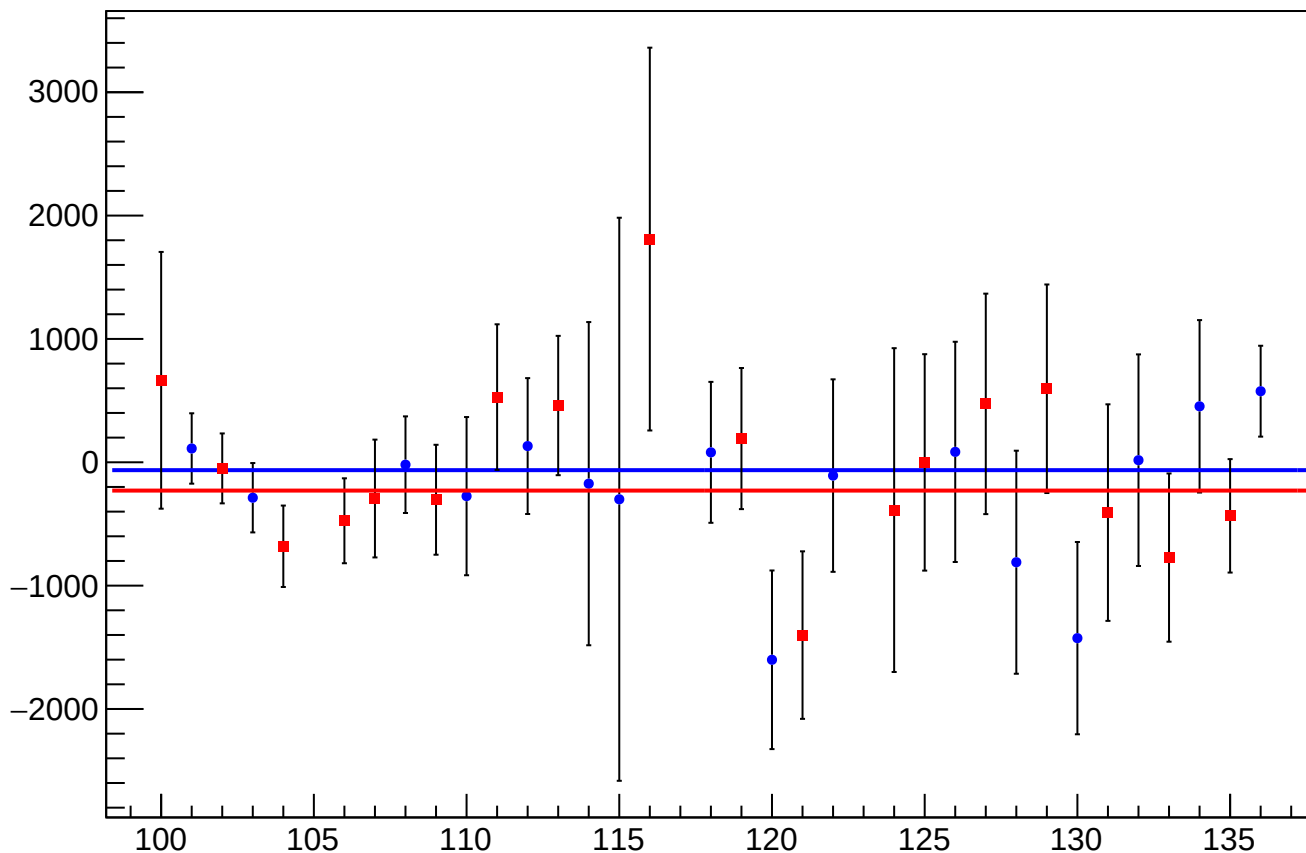
Right: 61.525+/-0.012 χ^2/NDF : 535282.8/33

In: 61.673+/-0.016 χ^2/NDF :267108.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.525+/-0.012 χ^2/NDF : 535282.8/33

asym_sam_37_48_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: -63.834 ± 129.674 $\chi^2/\text{NDF}: 13.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -229.394 ± 124.266 $\chi^2/\text{NDF}: 14.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

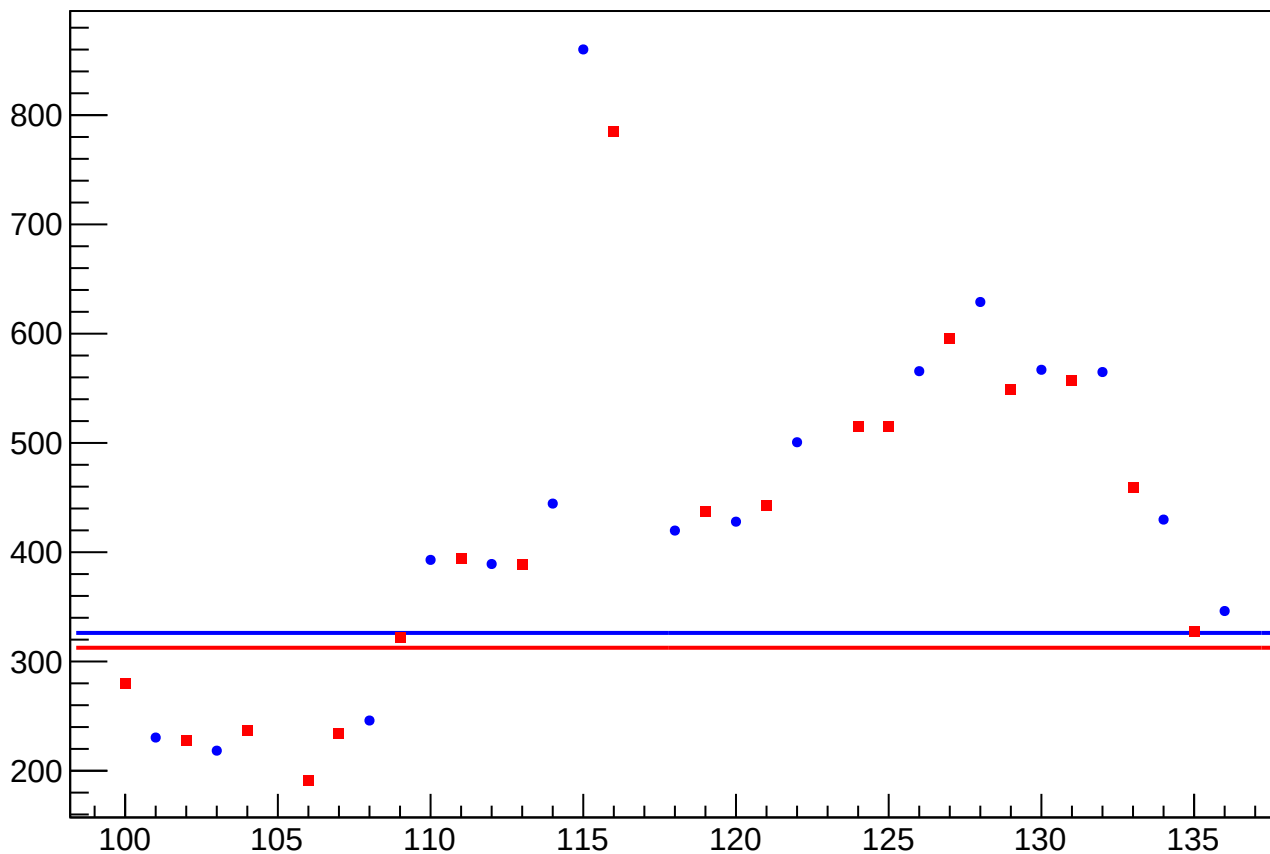
Right: -150.138 ± 89.720 $\chi^2/\text{NDF}: 28.5/33$

In: -63.834 ± 129.674 $\chi^2/\text{NDF}: 13.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -150.138 ± 89.720 $\chi^2/\text{NDF}: 28.5/33$

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: 312.571+/-0.088 χ^2/NDF : 1780699.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

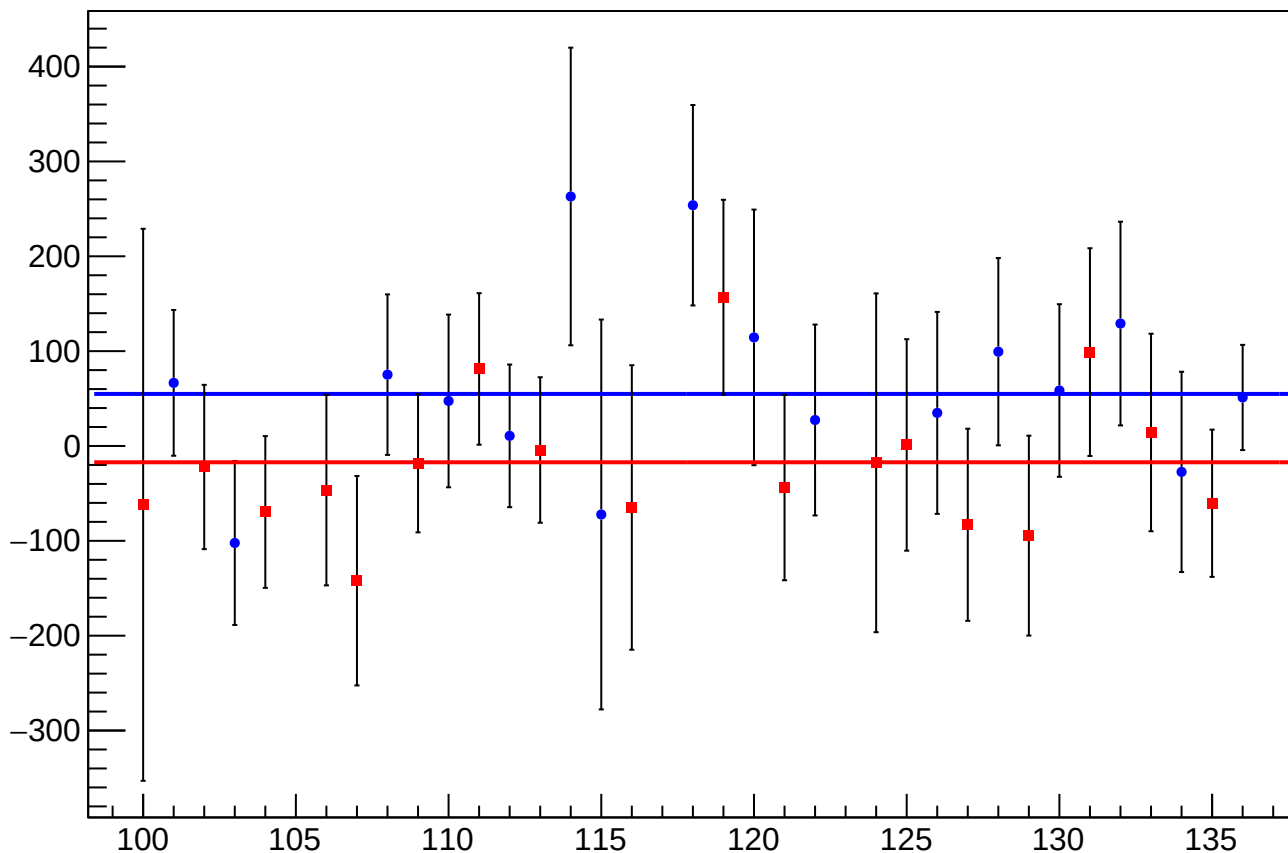
Right: 319.070+/-0.063 χ^2/NDF : 3526122.4/33

In: 326.147+/-0.092 χ^2/NDF : 1733995.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.070+/-0.063 χ^2/NDF : 3526122.4/33

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: -17.178+/-23.050 χ^2/NDF : 8.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

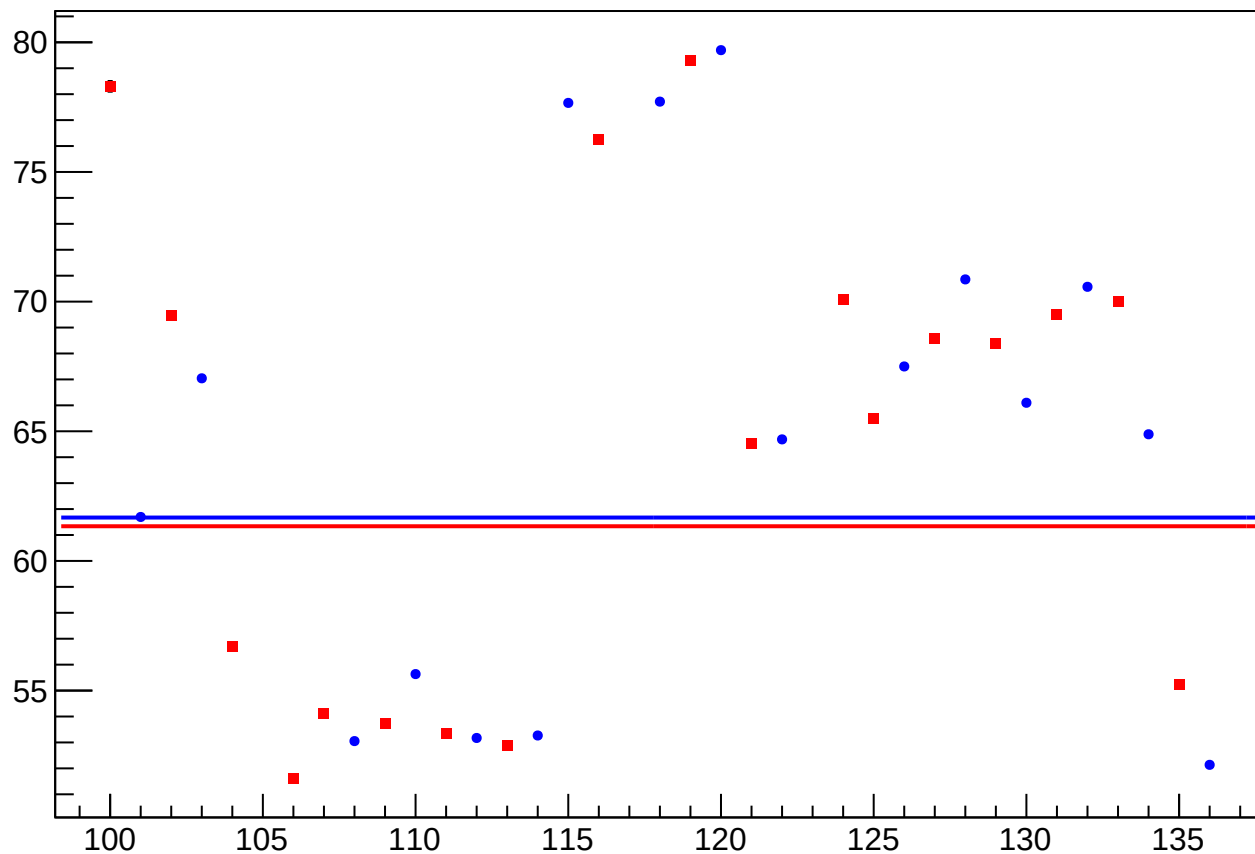
Right: 18.650+/-16.344 χ^2/NDF : 24.8/33

In: 54.877+/-23.179 χ^2/NDF : 11.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.650+/-16.344 χ^2/NDF : 24.8/33

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: 61.337+/-0.016 χ^2/NDF : 271540.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

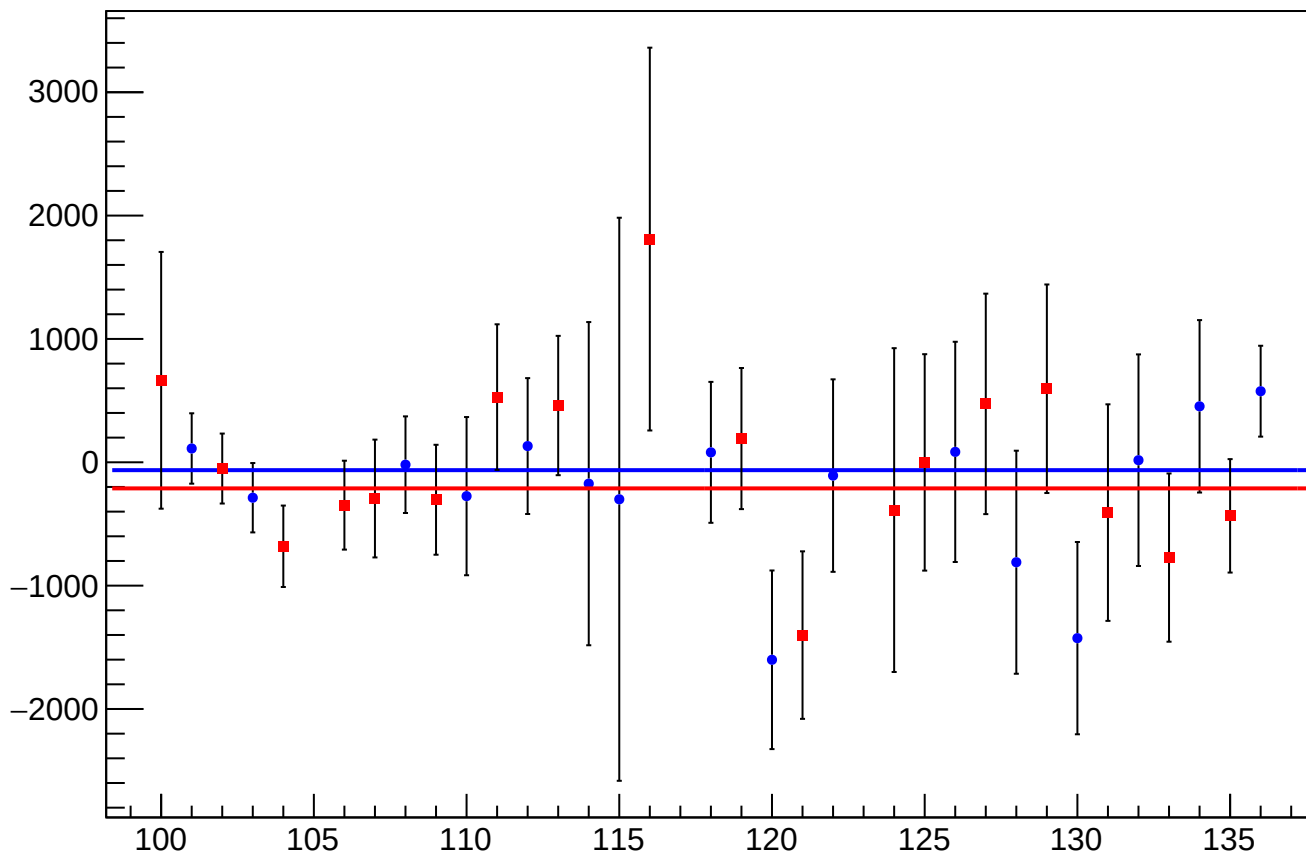
Right: 61.504+/-0.012 χ^2/NDF : 538859.5/33

In: 61.673+/-0.016 χ^2/NDF :267108.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.504+/-0.012 χ^2/NDF : 538859.5/33

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: -211.631 ± 124.992 $\chi^2/\text{NDF}: 14.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

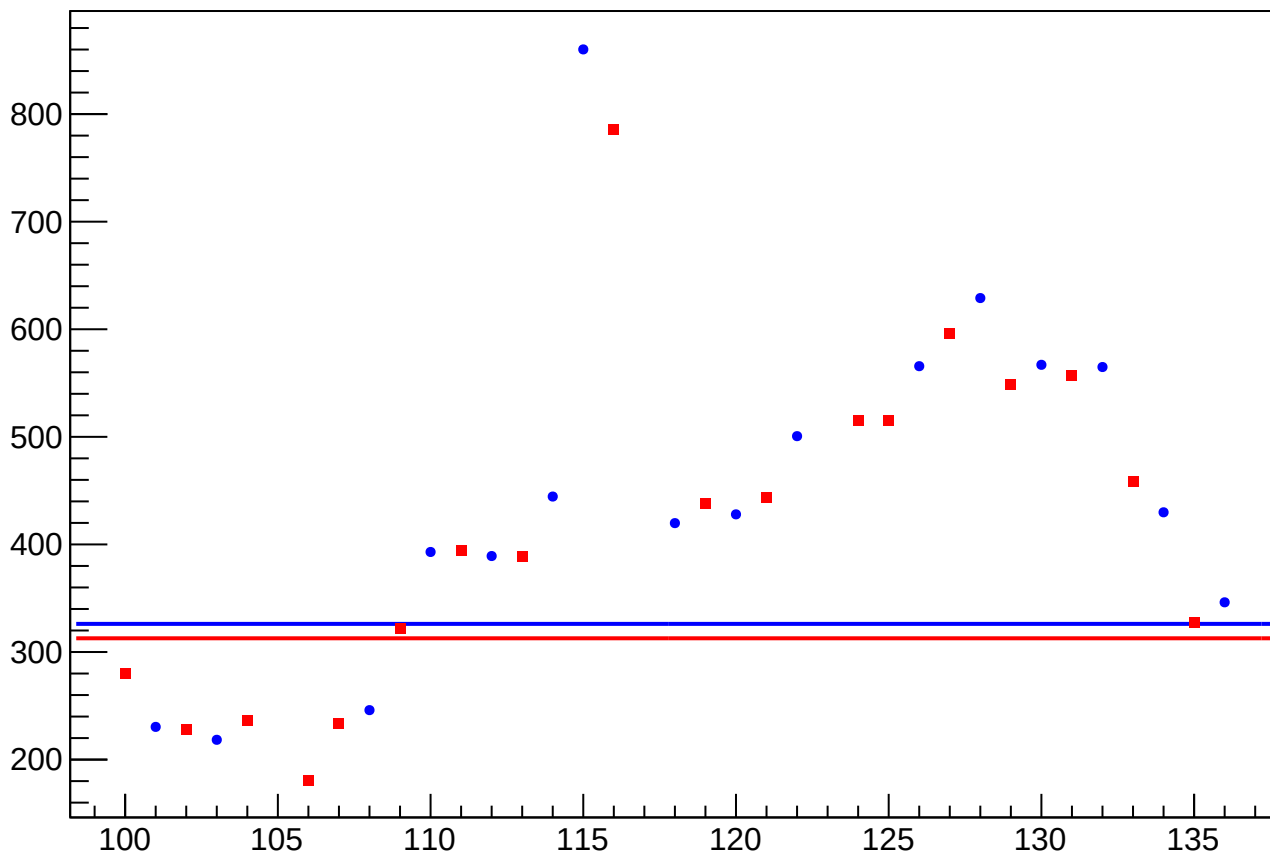
Right: -140.443 ± 89.993 $\chi^2/\text{NDF}: 27.9/33$

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: -140.443 ± 89.993 $\chi^2/\text{NDF}: 27.9/33$

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: 312.752+/-0.088 χ^2/NDF : 1799184.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

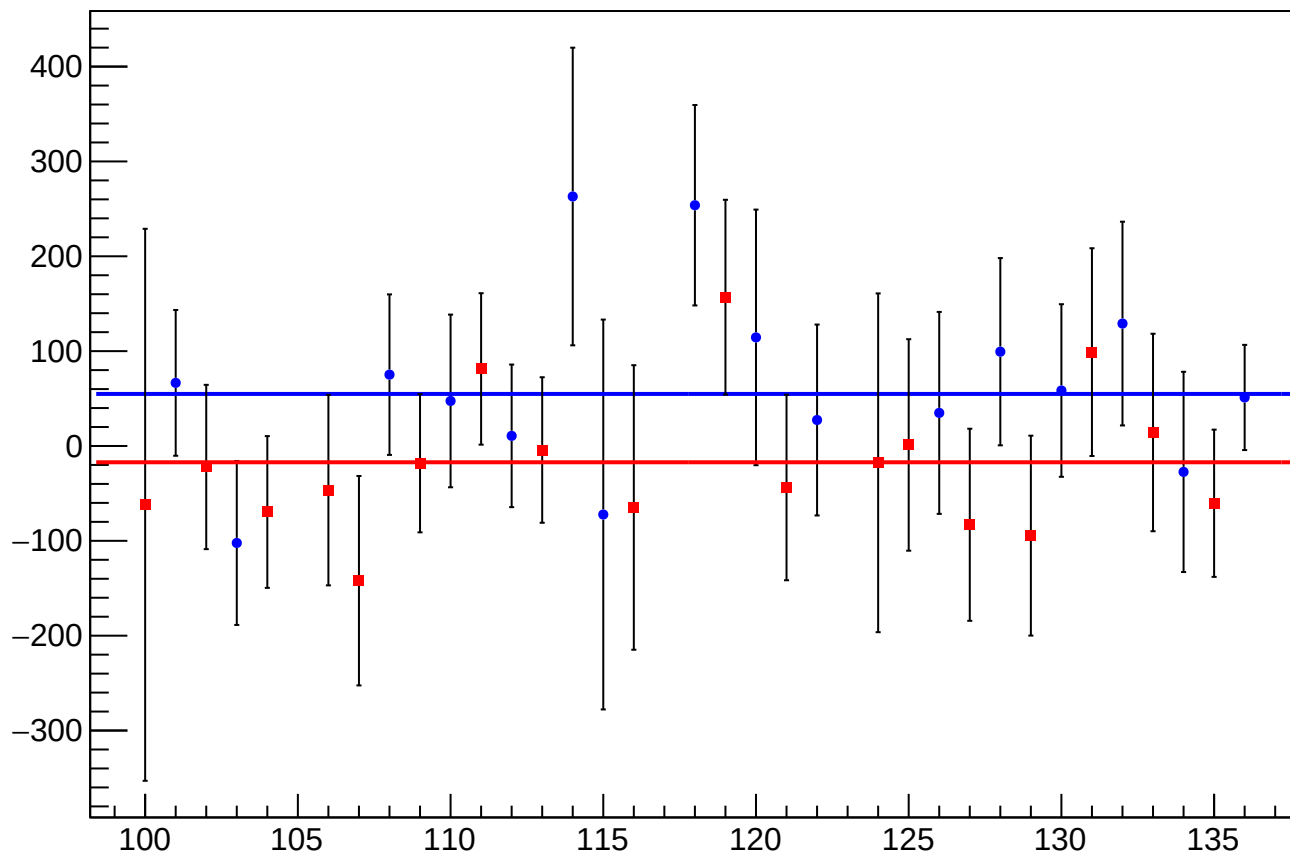
Right: 319.205+/-0.064 χ^2/NDF : 3544187.4/33

In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.205+/-0.064 χ^2/NDF : 3544187.4/33

eigen_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: -17.178 $\pm$ 23.050 χ^2 /NDF: 8.9/17

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

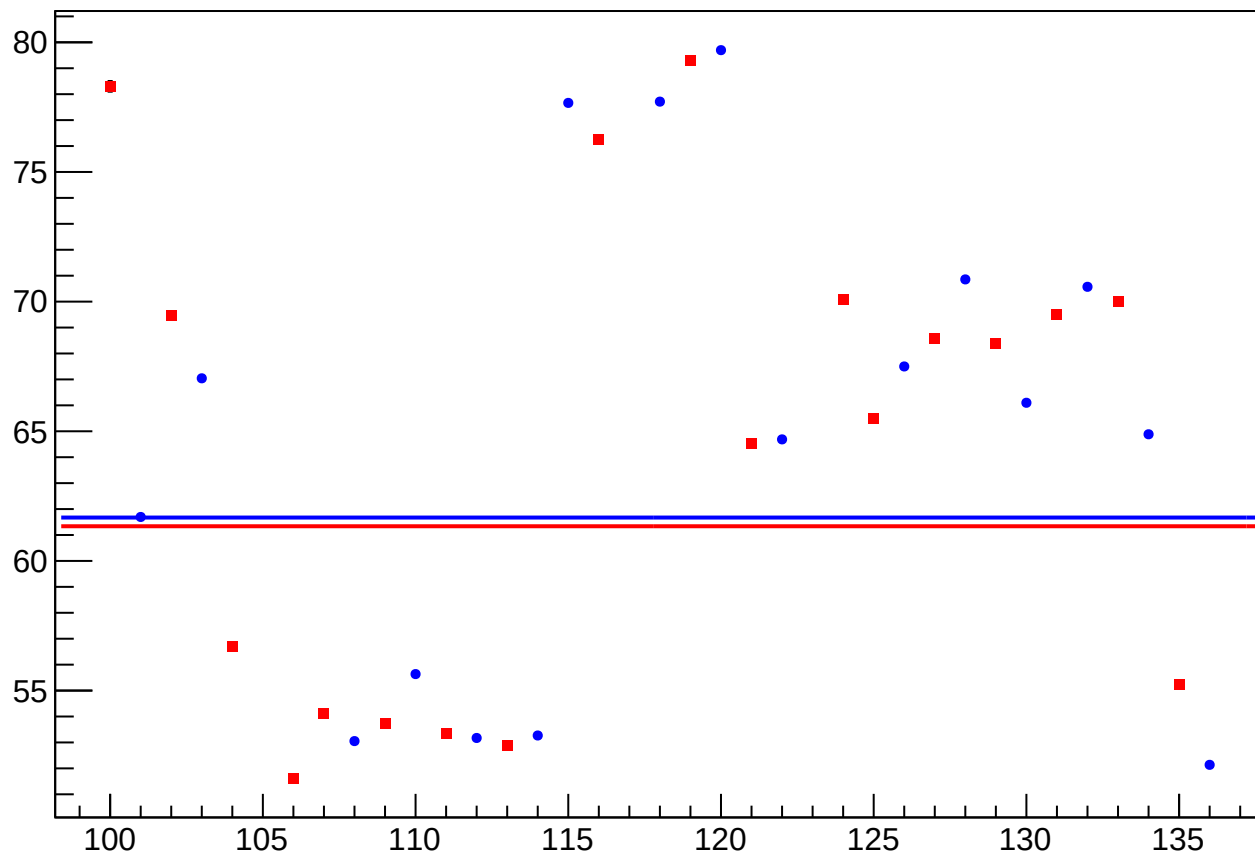
Right: 18.650 $\pm$ 16.344 χ^2 /NDF: 24.8/33

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: 18.650 $\pm$ 16.344 χ^2 /NDF: 24.8/33

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: 61.337+/-0.016 χ^2/NDF : 271540.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

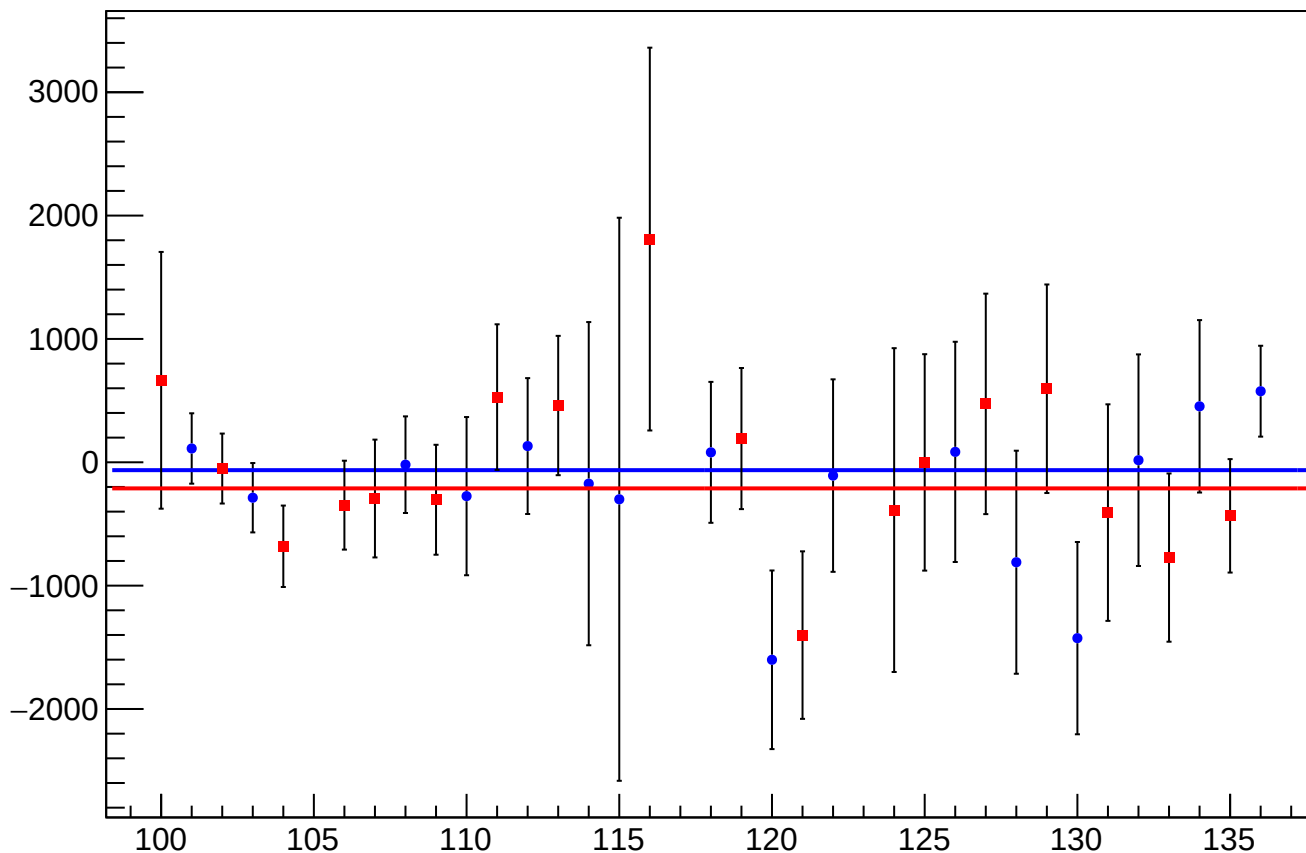
Right: 61.504+/-0.012 χ^2/NDF : 538859.5/33

In: 61.673+/-0.016 χ^2/NDF :267108.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 61.504+/-0.012 χ^2/NDF : 538859.5/33

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: -211.631 ± 124.992 $\chi^2/\text{NDF}: 14.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

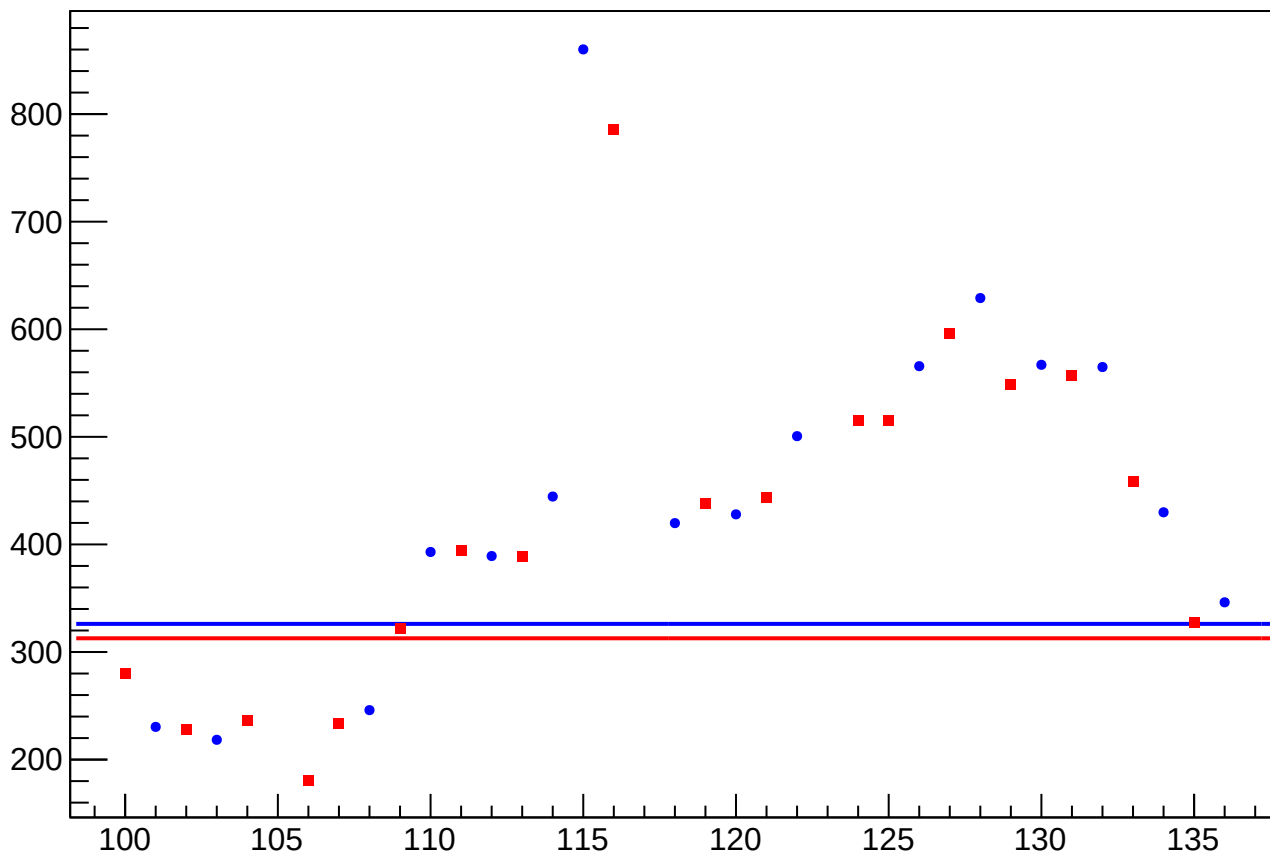
Right: -140.443 ± 89.993 $\chi^2/\text{NDF}: 27.9/33$

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: -140.443 ± 89.993 $\chi^2/\text{NDF}: 27.9/33$

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: 312.752+/-0.088 χ^2/NDF : 1799184.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

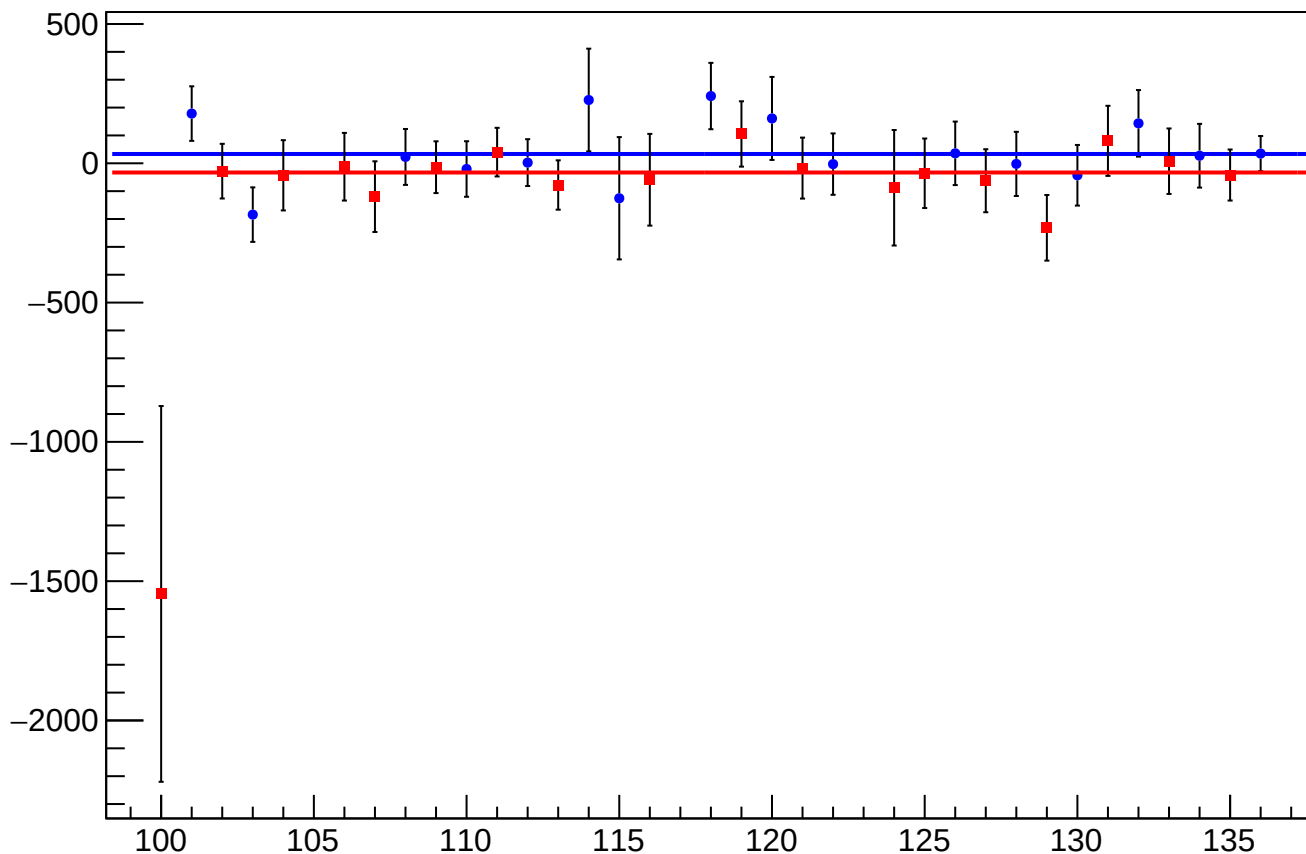
Right: 319.205+/-0.064 χ^2/NDF : 3544187.4/33

In: 326.150+/-0.092 χ^2/NDF : 1733934.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.205+/-0.064 χ^2/NDF : 3544187.4/33

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: -33.027+/-27.126 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

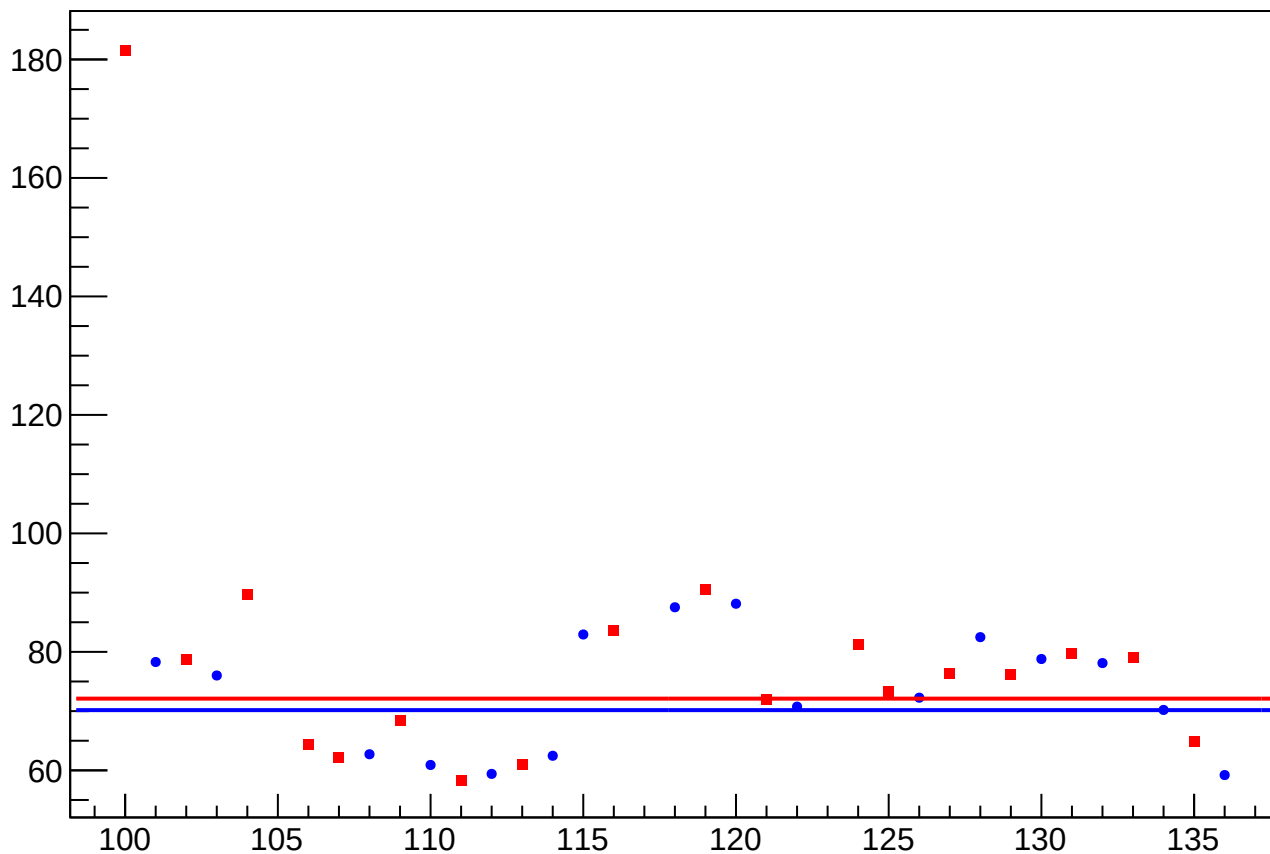
Right: 1.068+/-18.924 χ^2/NDF : 29.5/33

In: 33.399+/-26.415 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.068+/-18.924 χ^2/NDF : 29.5/33

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: 72.108 $\pm$ 0.019 χ^2 /NDF: 301067.1/17

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

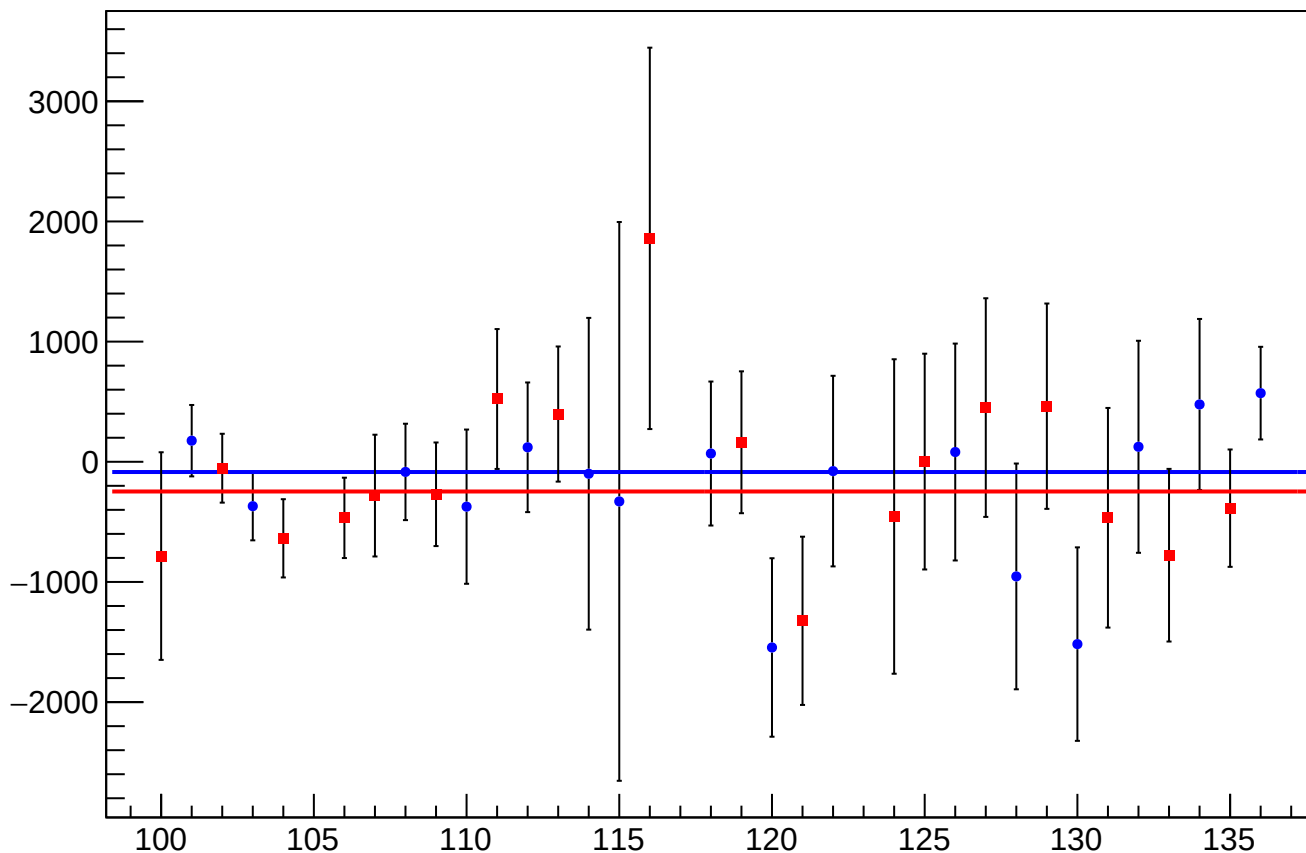
Right: 71.112 $\pm$ 0.013 χ^2 /NDF: 575569.2/33

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: 71.112 $\pm$ 0.013 χ^2 /NDF: 575569.2/33

asym_sam_37_48_dd_dit_correction_mean vs Slug, Sign Corrected



Right In: -85.184 ± 132.877 χ^2/NDF : 13.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -247.221 ± 124.679 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

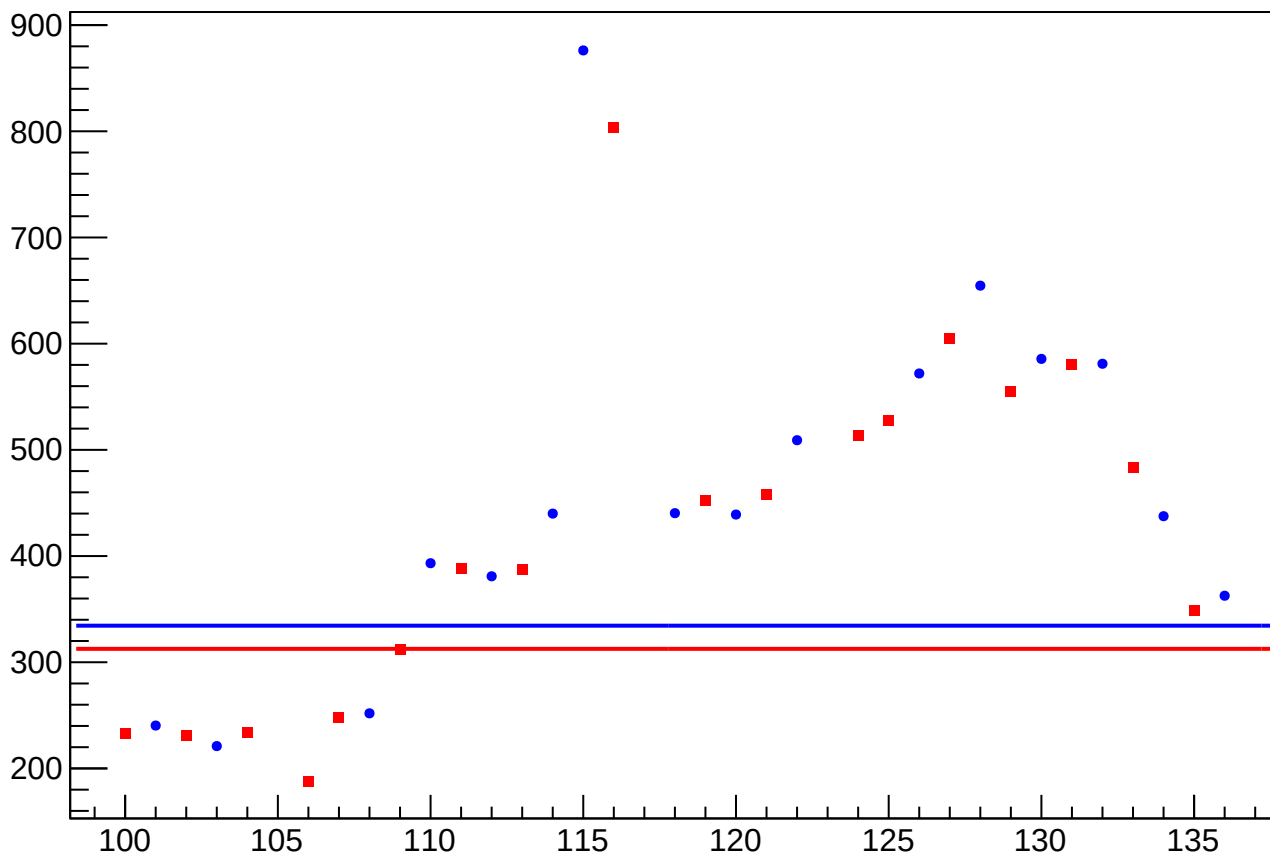
Right: -171.354 ± 90.922 χ^2/NDF : 26.9/33

In: -85.184 ± 132.877 χ^2/NDF : 13.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -171.354 ± 90.922 χ^2/NDF : 26.9/33

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: 312.625+/-0.088 χ^2/NDF : 1893994.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

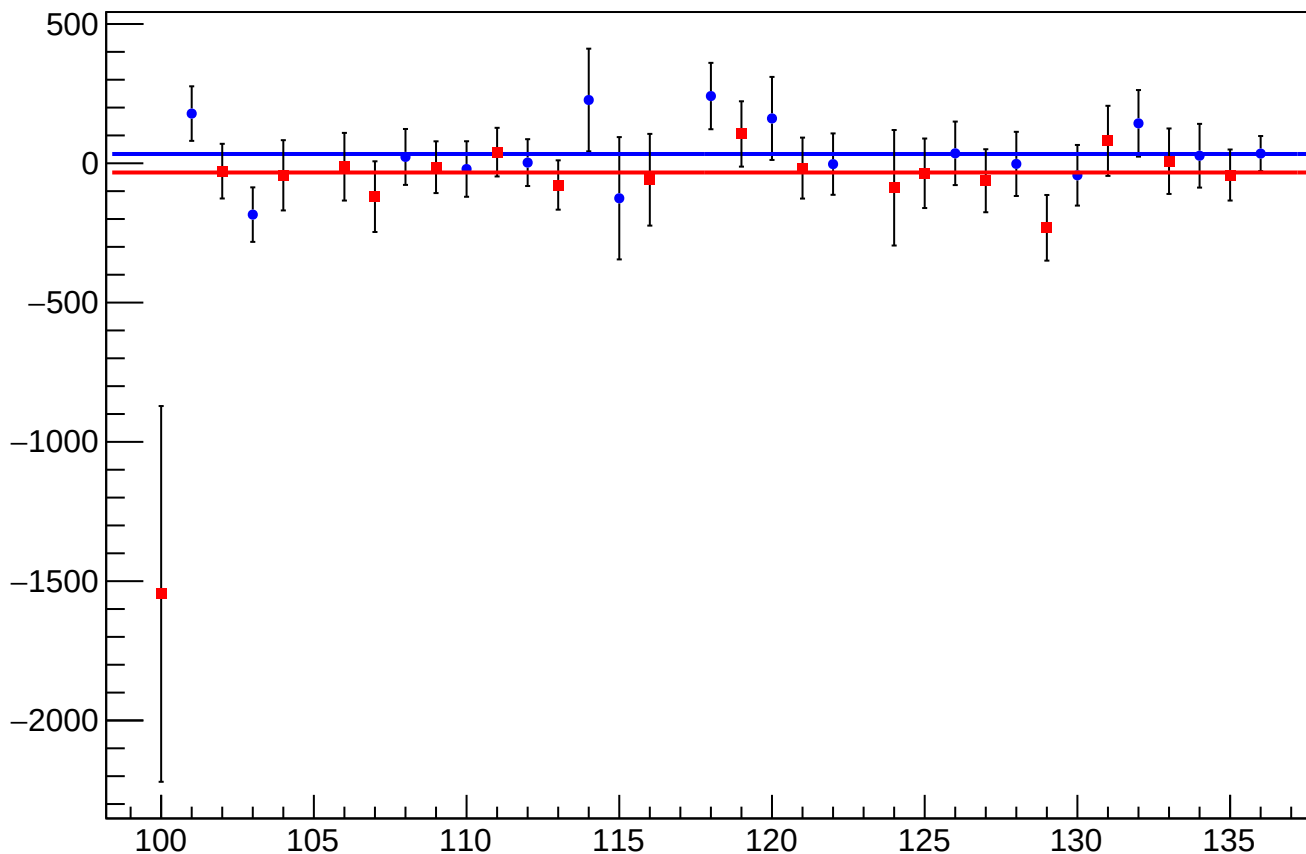
Right: 322.834+/-0.064 χ^2/NDF : 3653248.8/33

In: 334.431+/-0.094 χ^2/NDF : 1730610.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.834+/-0.064 χ^2/NDF : 3653248.8/33

eigen_dit_asym_sam_37_48_dd_mean vs Slug, Sign Corrected



Right In: 33.397+/-26.415 χ^2/NDF : 14.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.028+/-27.126 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

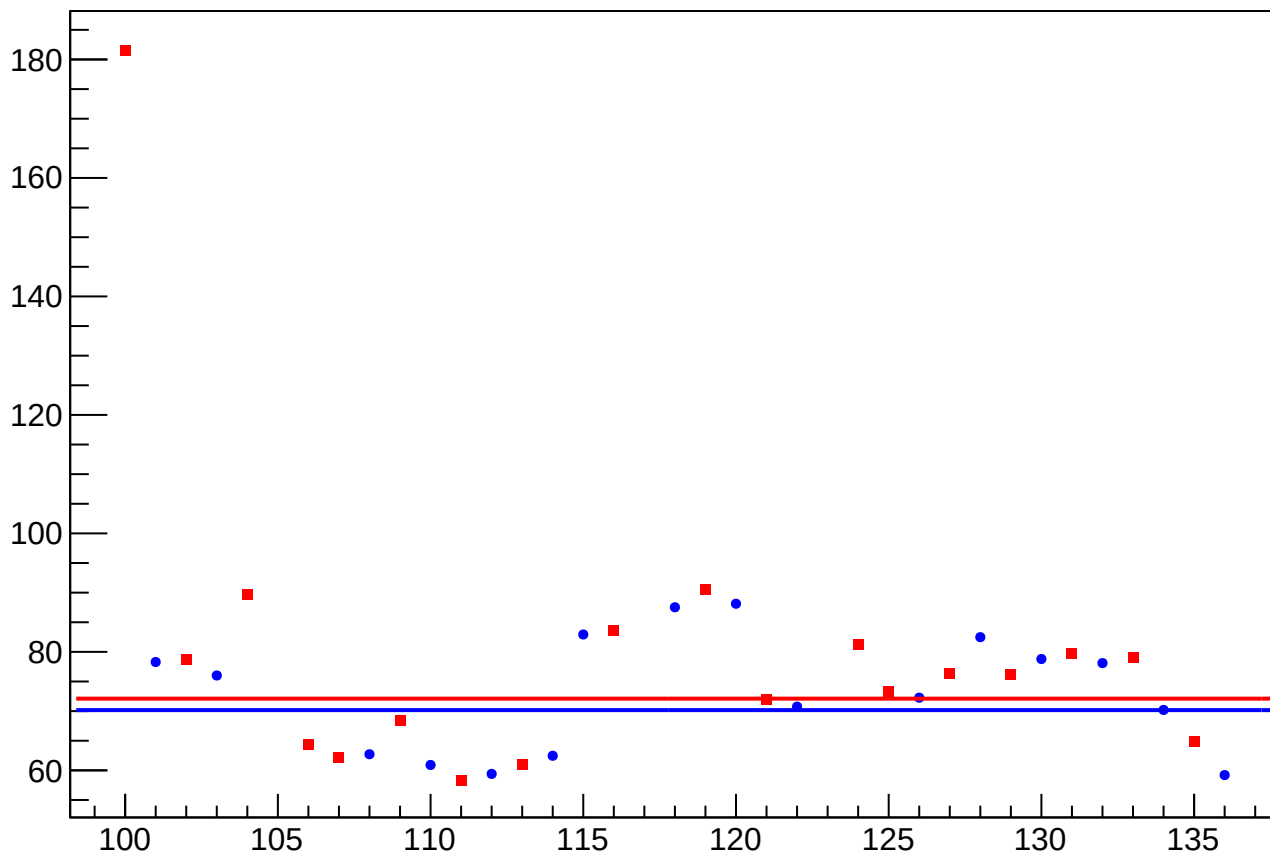
Right: 1.067+/-18.924 χ^2/NDF : 29.5/33

In: 33.397+/-26.415 χ^2/NDF : 14.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.067+/-18.924 χ^2/NDF : 29.5/33

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: 72.108 $\pm$ 0.019 χ^2 /NDF: 301072.8/17

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

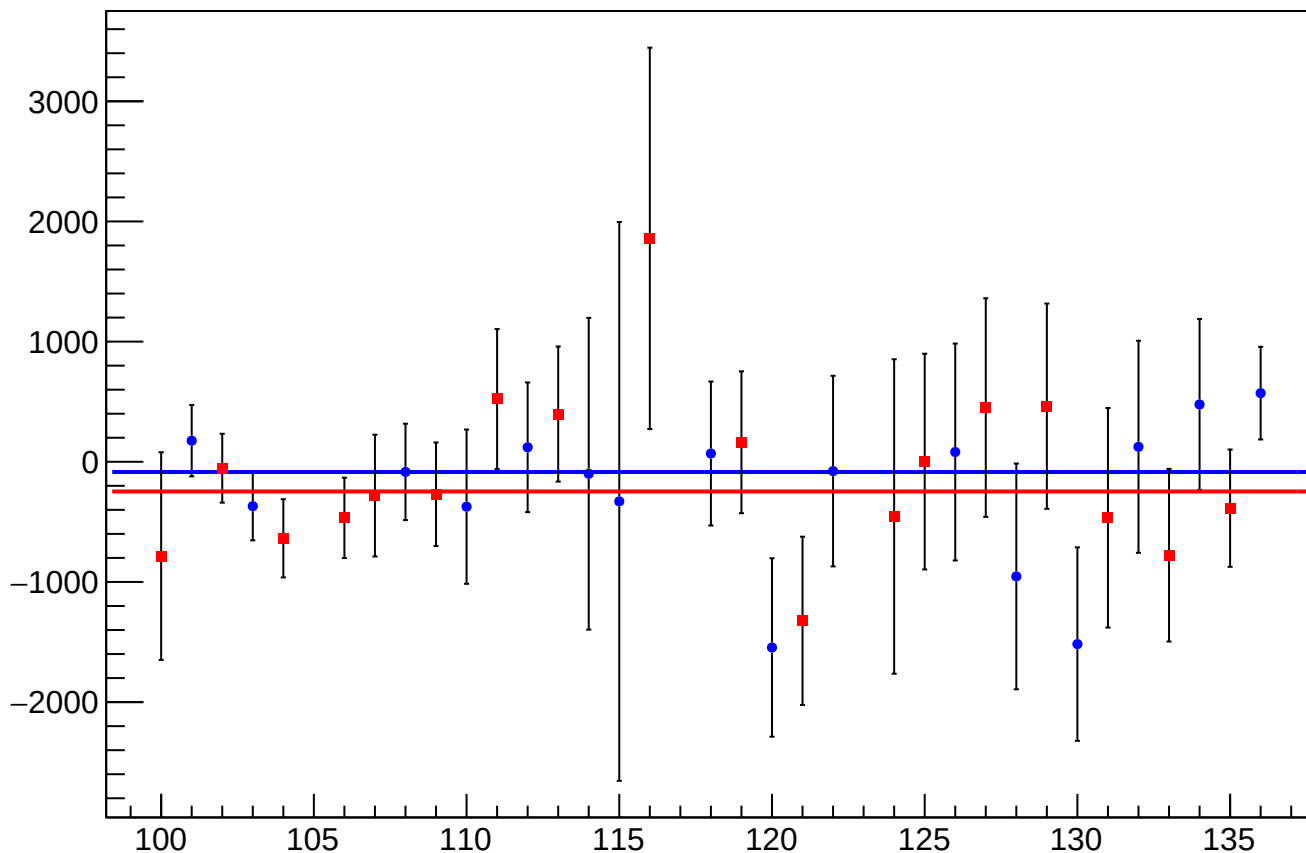
Right: 71.112 $\pm$ 0.013 χ^2 /NDF: 575578.0/33

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: 71.112 $\pm$ 0.013 χ^2 /NDF: 575578.0/33

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: -247.221 ± 124.679 $\chi^2/\text{NDF}: 12.4/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

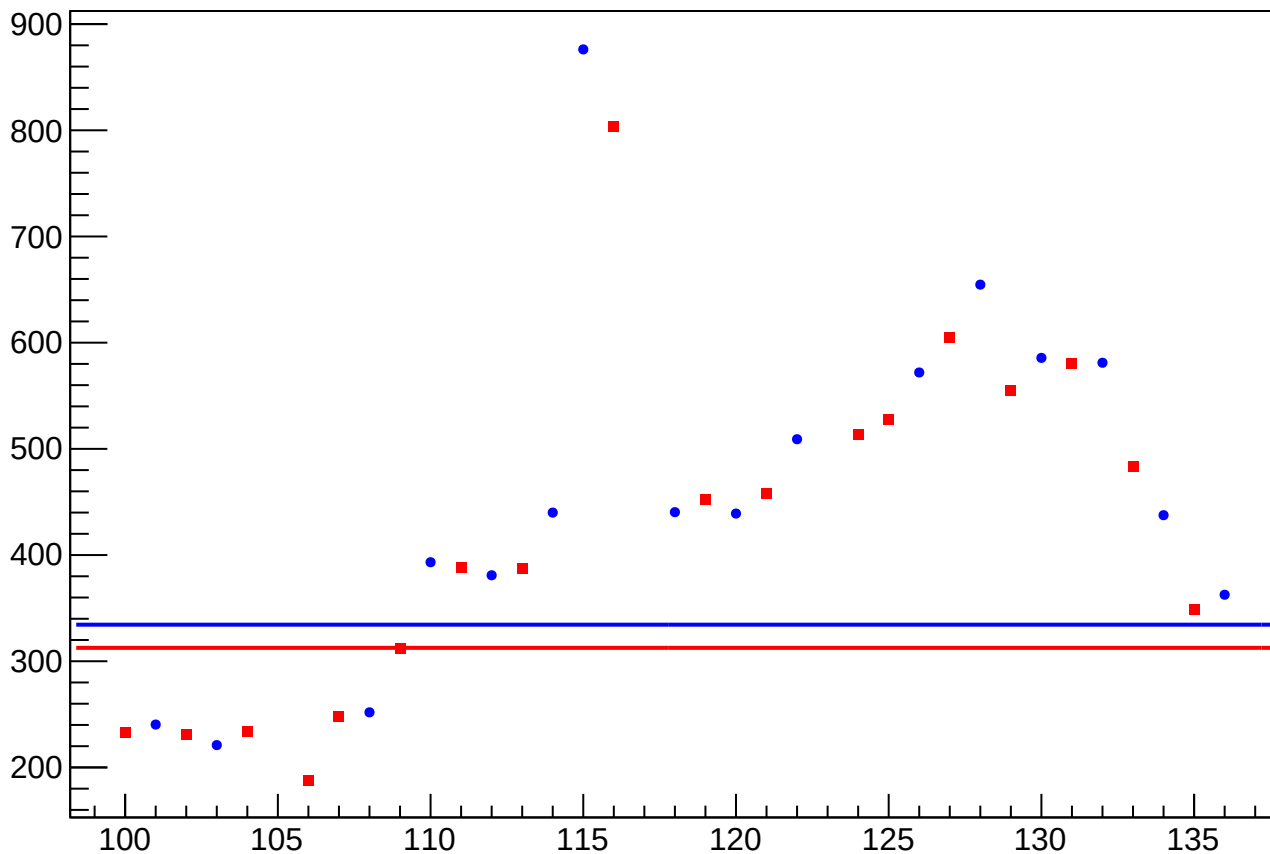
Right: -171.355 ± 90.922 $\chi^2/\text{NDF}: 26.9/33$

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: -171.355 ± 90.922 $\chi^2/\text{NDF}: 26.9/33$

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: 312.625+/-0.088 χ^2/NDF : 1893993.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

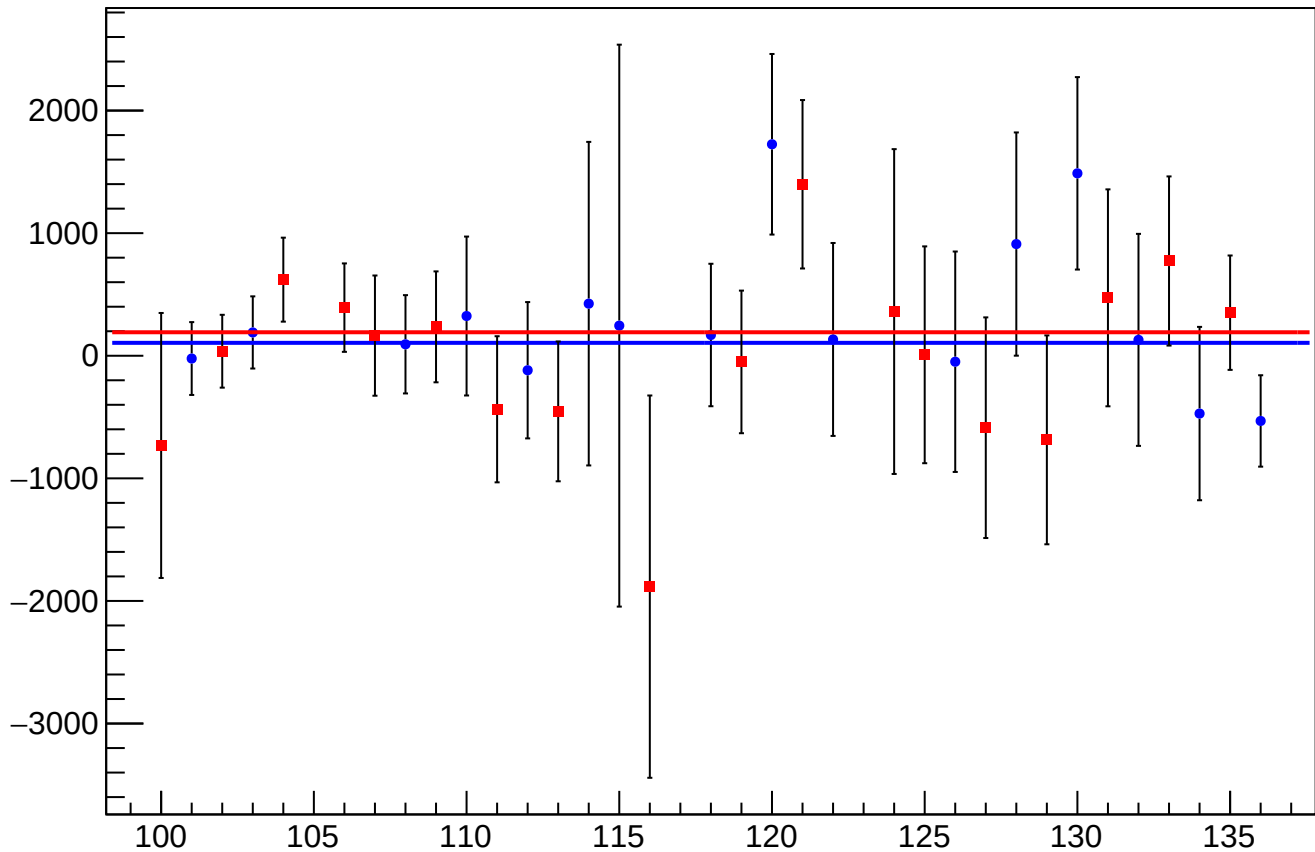
Right: 322.835+/-0.064 χ^2/NDF : 3653247.0/33

In: 334.431+/-0.094 χ^2/NDF : 1730609.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 322.835+/-0.064 χ^2/NDF : 3653247.0/33

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: 191.623 $\pm$ 127.769 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

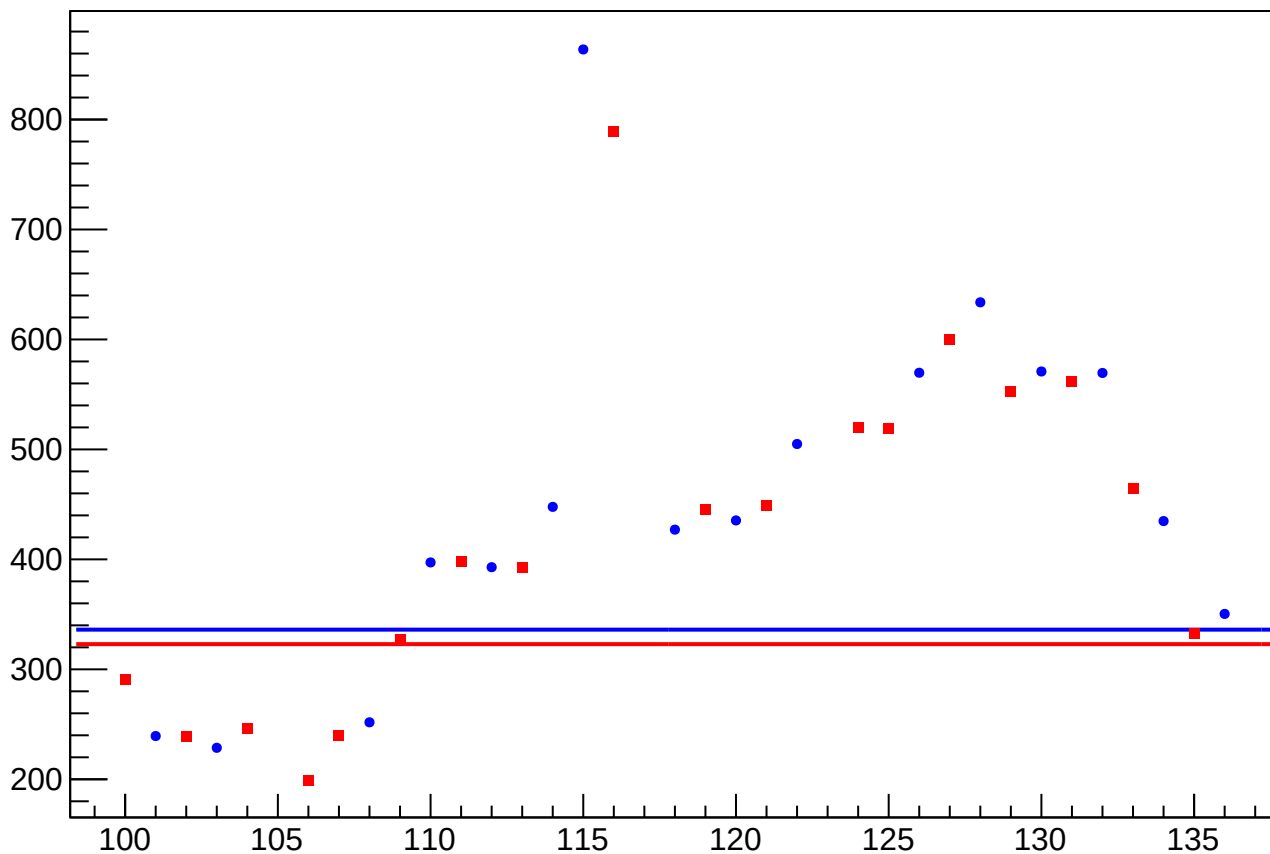
Right: 150.250 $\pm$ 92.155 χ^2 /NDF: 26.3/33

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: 150.250 $\pm$ 92.155 χ^2 /NDF: 26.3/33

asym_sam_37_48_dd_rms vs Slug, Sign Corrected



Right In: 336.092 $\pm$ 0.094 χ^2 /NDF: 1618997.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 322.909 $\pm$ 0.090 χ^2 /NDF: 1660645.1/17

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

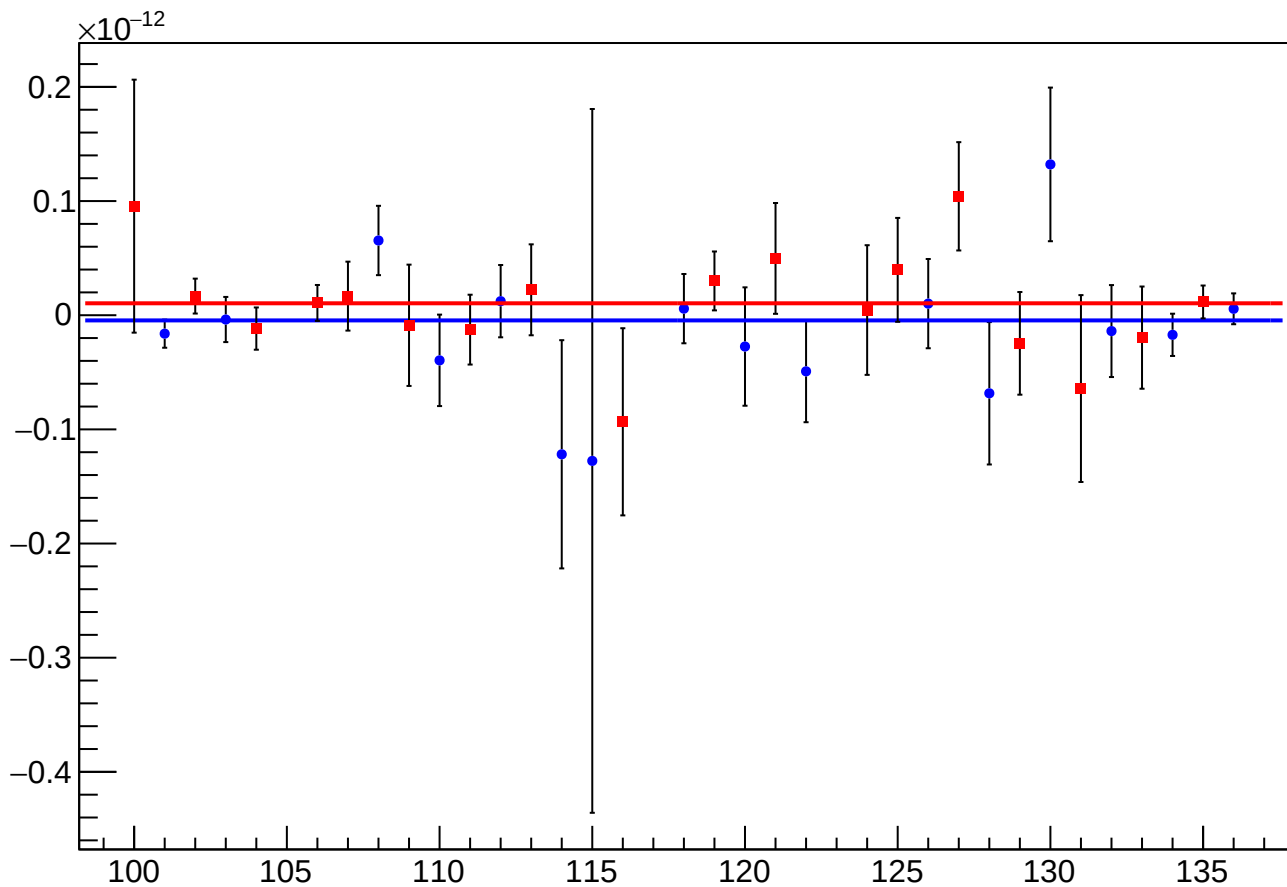
Right: 329.234 $\pm$ 0.065 χ^2 /NDF: 3289856.7/33

In: 336.092 $\pm$ 0.094 χ^2 /NDF:1618997.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 329.234 $\pm$ 0.065 χ^2 /NDF: 3289856.7/33

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 : 12.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

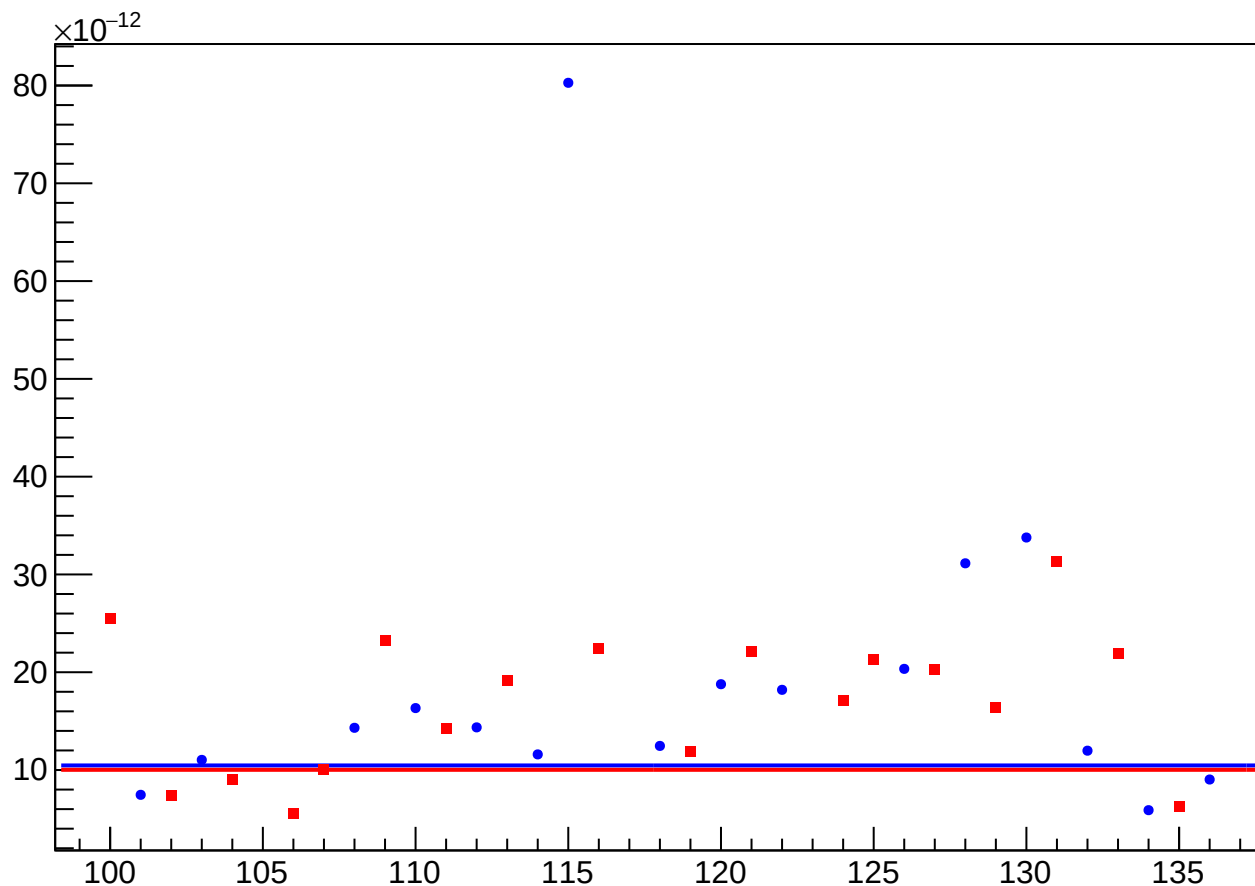
Right: 0.000+/-0.000 χ^2/NDF : 31.3/33

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 : 31.3/33

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 : 1415070.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

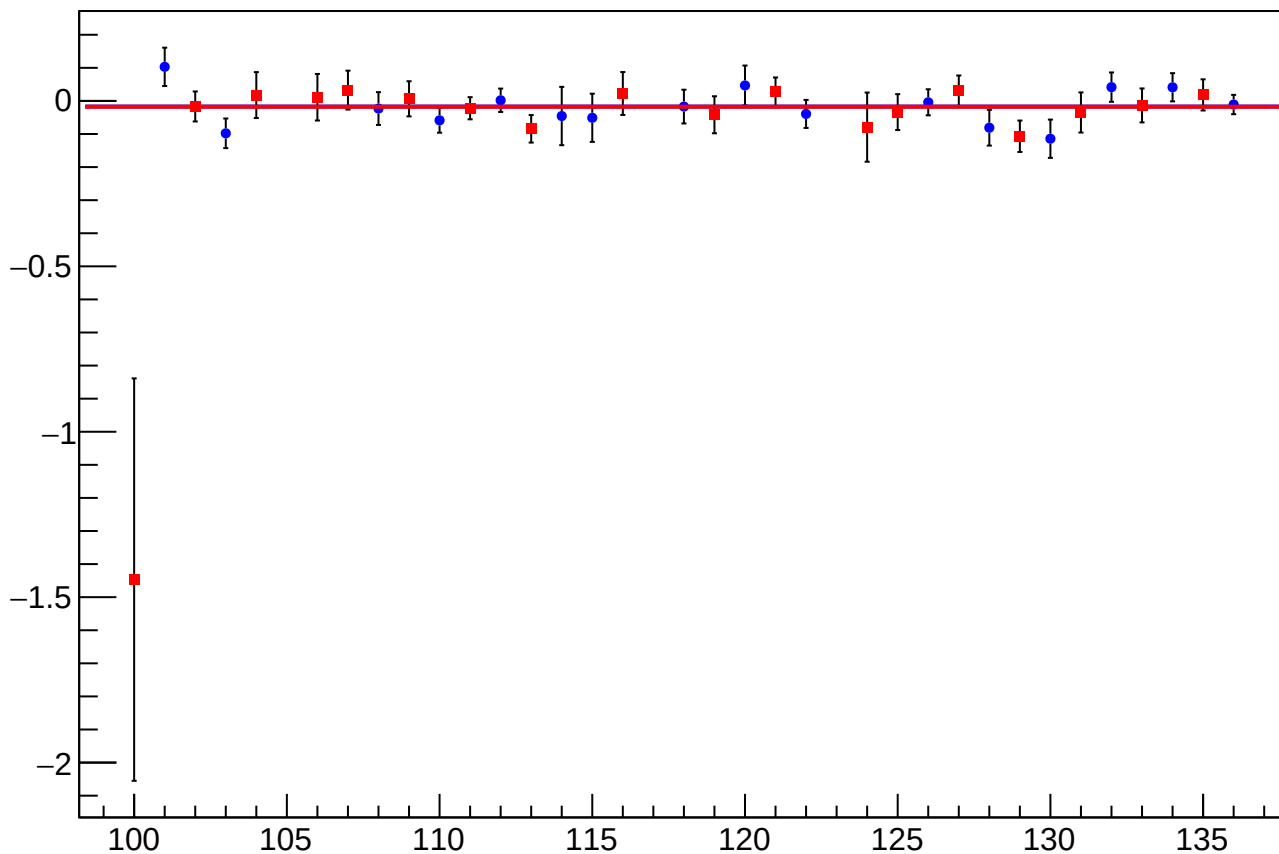
Right: 0.000+/-0.000 χ^2/NDF : 2603677.6/33

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 : 2603677.6/33

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 : 16.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

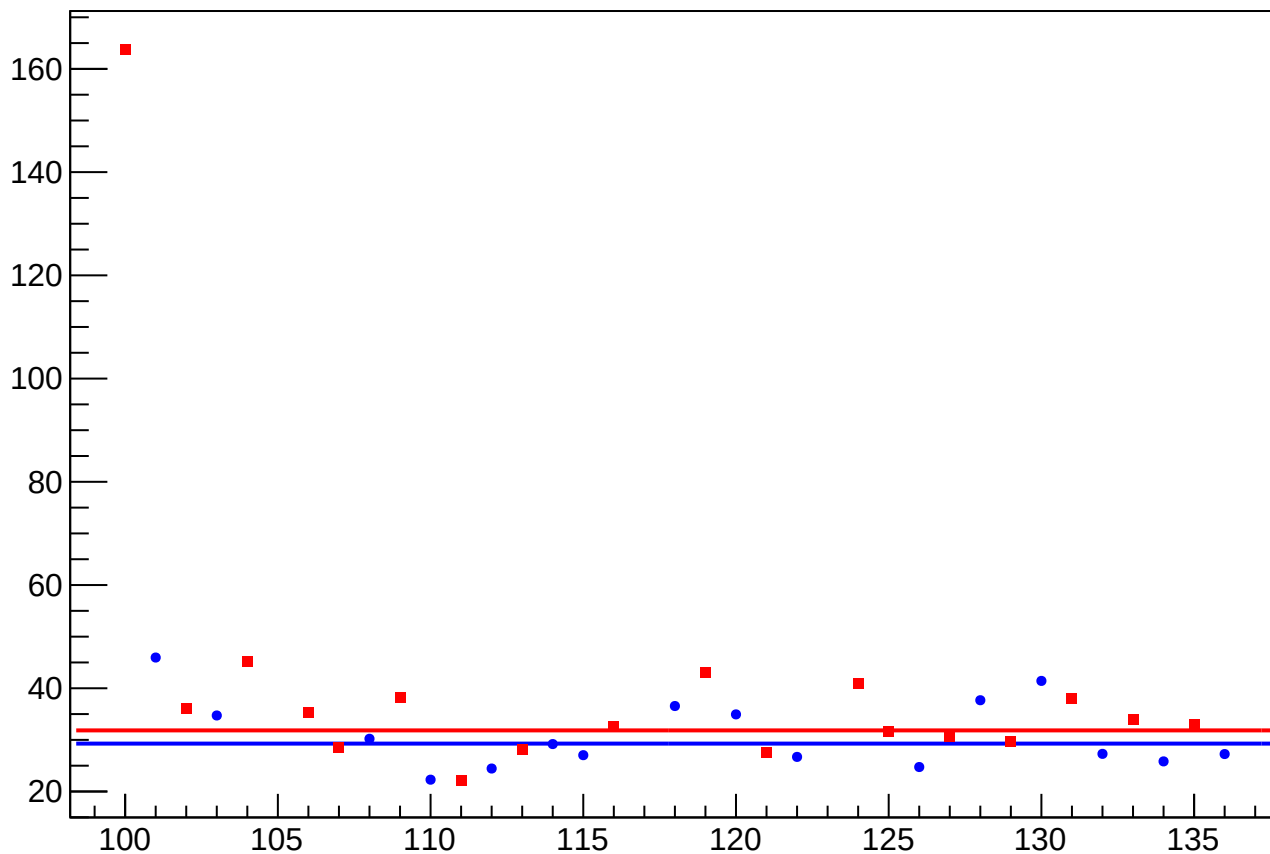
Right: -0.017+/-0.008 χ^2/NDF : 35.7/33

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 : 35.7/33

asym_sam_37_48_dd_dit_vs_slug, Sign Corrected



Right In: 29.278 $\pm$ 0.008 χ^2 /NDF: 560654.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.838 $\pm$ 0.009 χ^2 /NDF: 556458.7/17

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

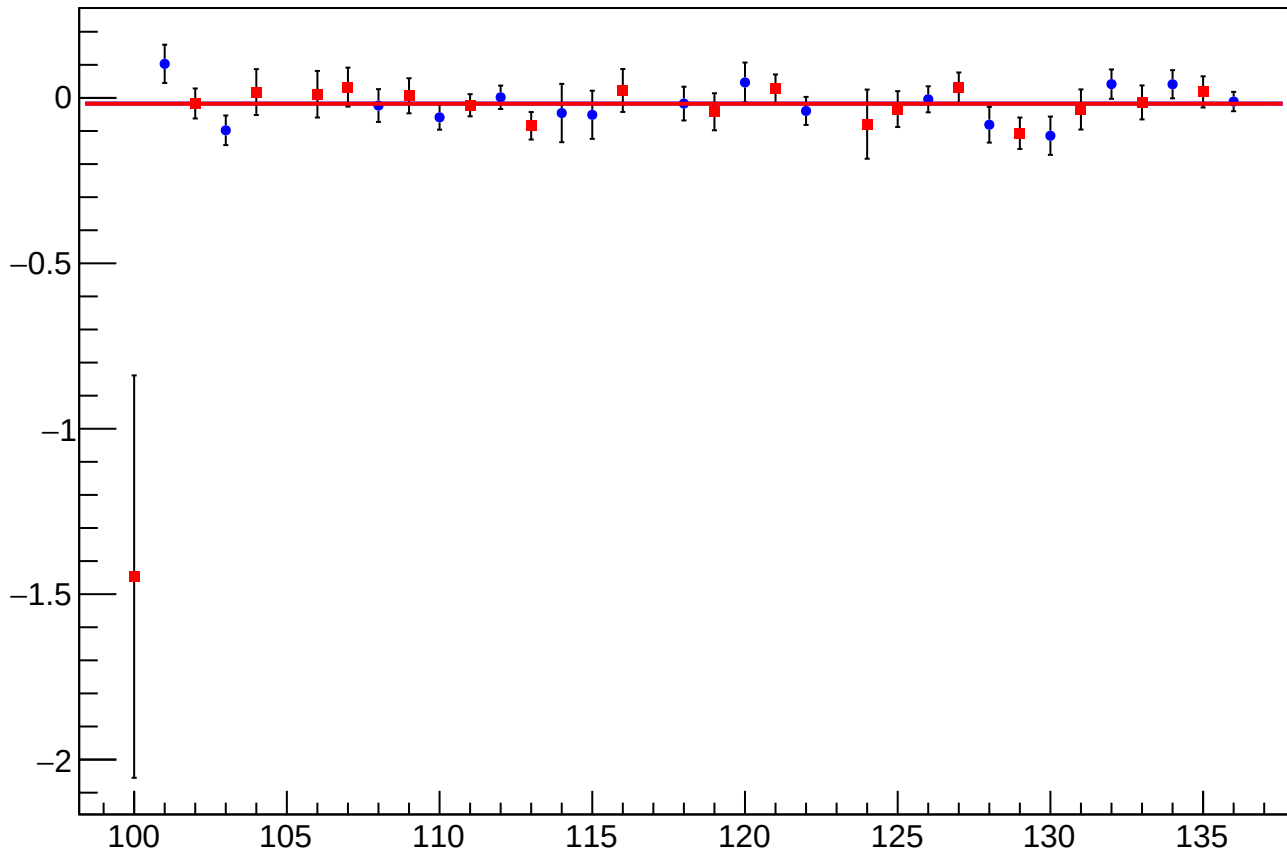
Right: 30.449 $\pm$ 0.006 χ^2 /NDF: 1163662.3/33

In: 29.278 $\pm$ 0.008 χ^2 /NDF:560654.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 30.449 $\pm$ 0.006 χ^2 /NDF: 1163662.3/33

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 : 16.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

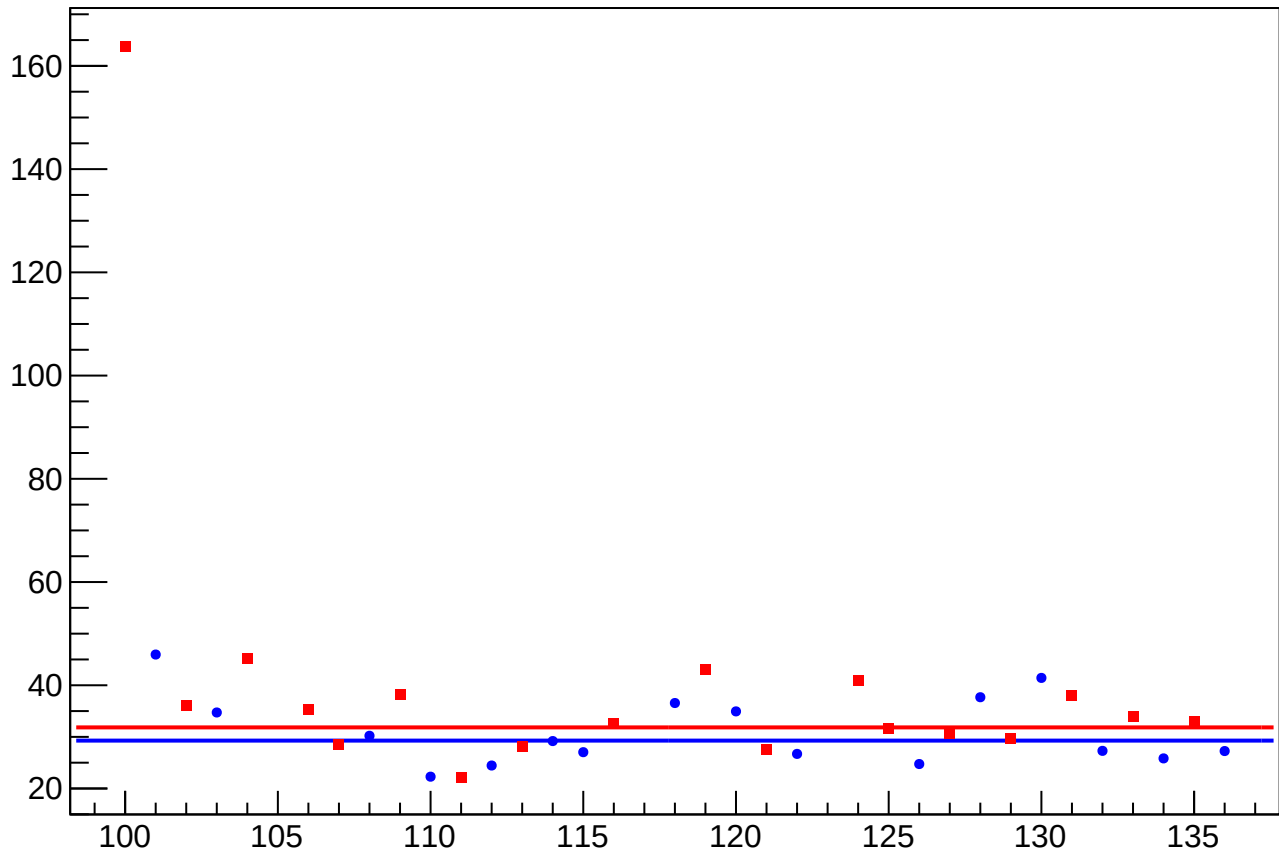
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/33

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 : 35.7/33

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: 31.838+/-0.009 χ^2/NDF : 556458.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

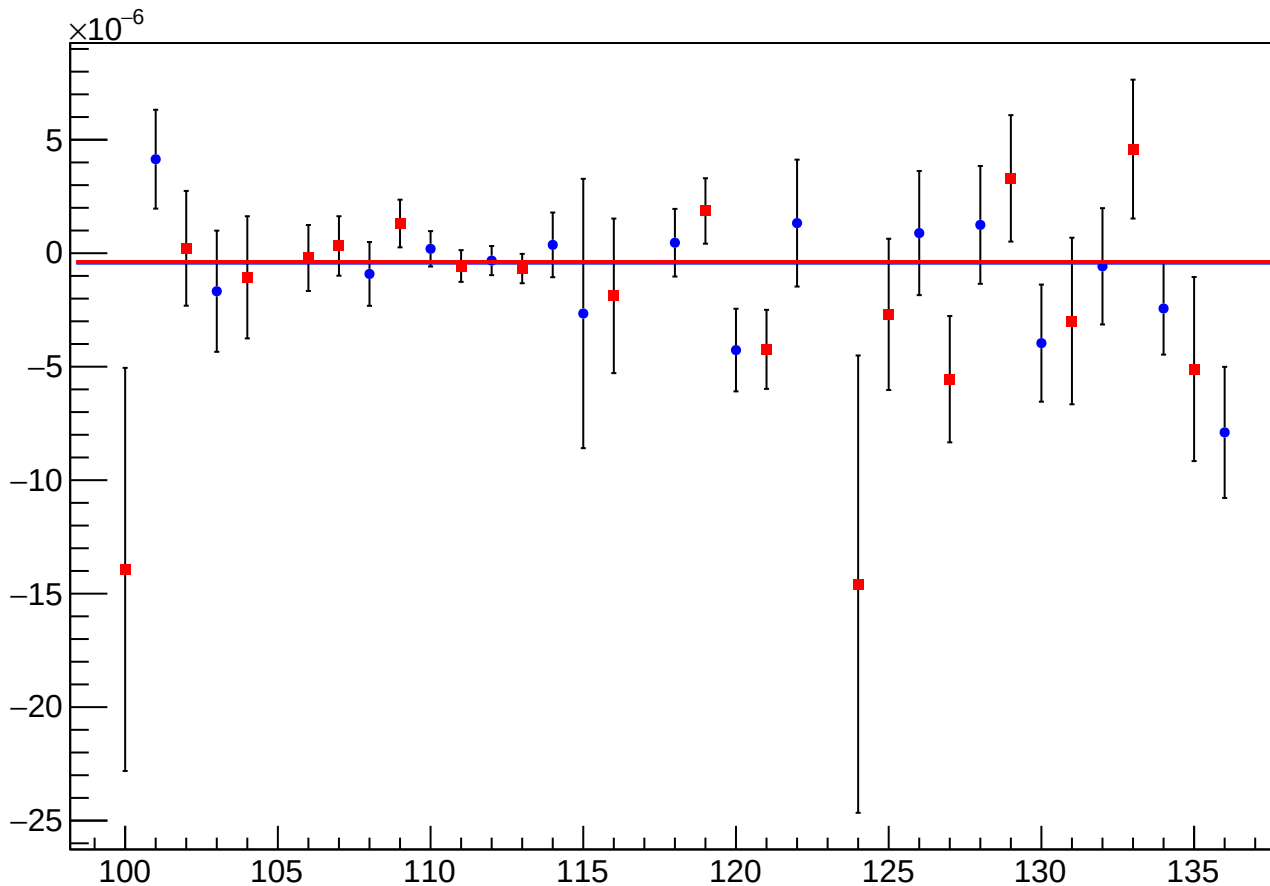
Right: 30.449+/-0.006 χ^2/NDF : 1163662.3/33

In: 29.278+/-0.008 χ^2/NDF : 560654.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.449+/-0.006 χ^2/NDF : 1163662.3/33

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 : 25.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

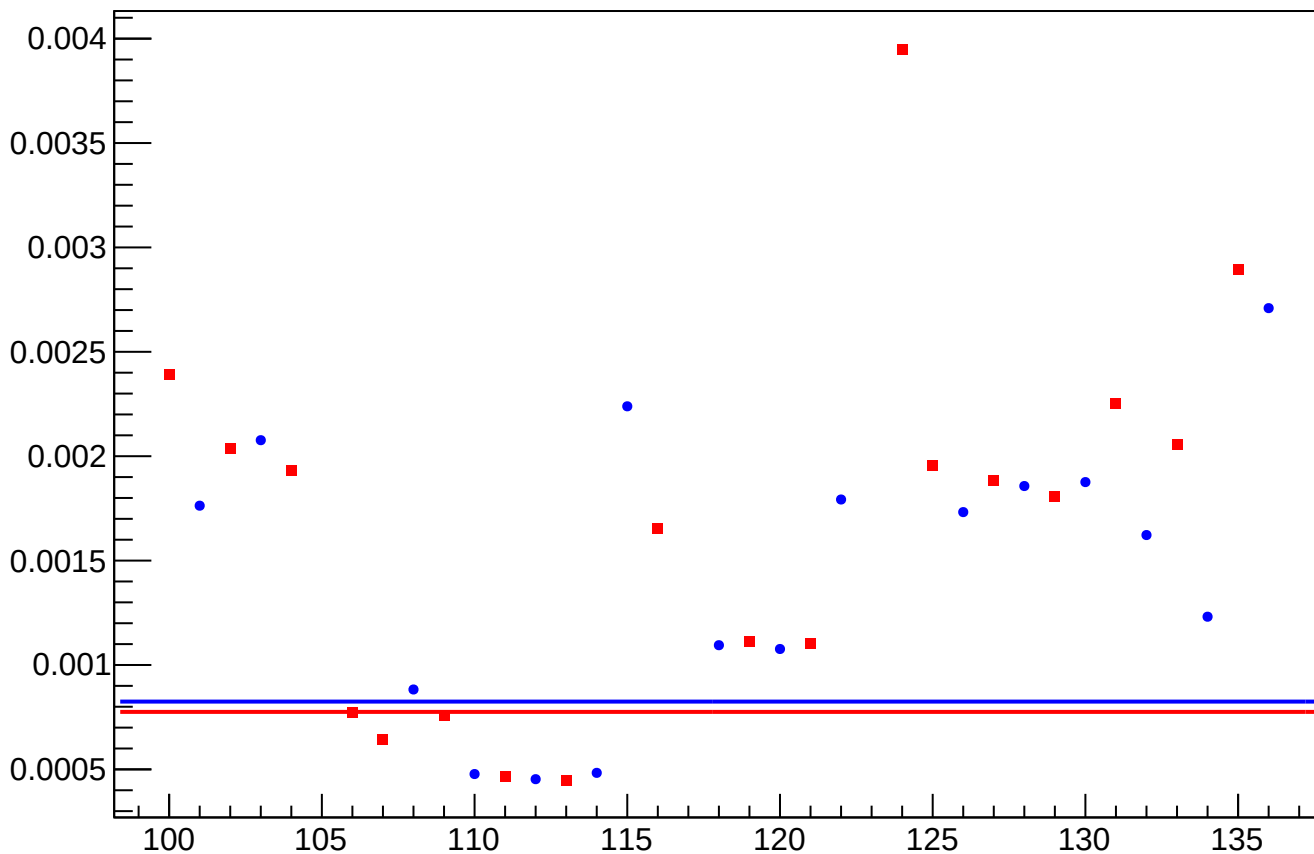
Right: -0.000+/-0.000 χ^2/NDF : 46.5/33

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 : 46.5/33

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 : 4438541.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

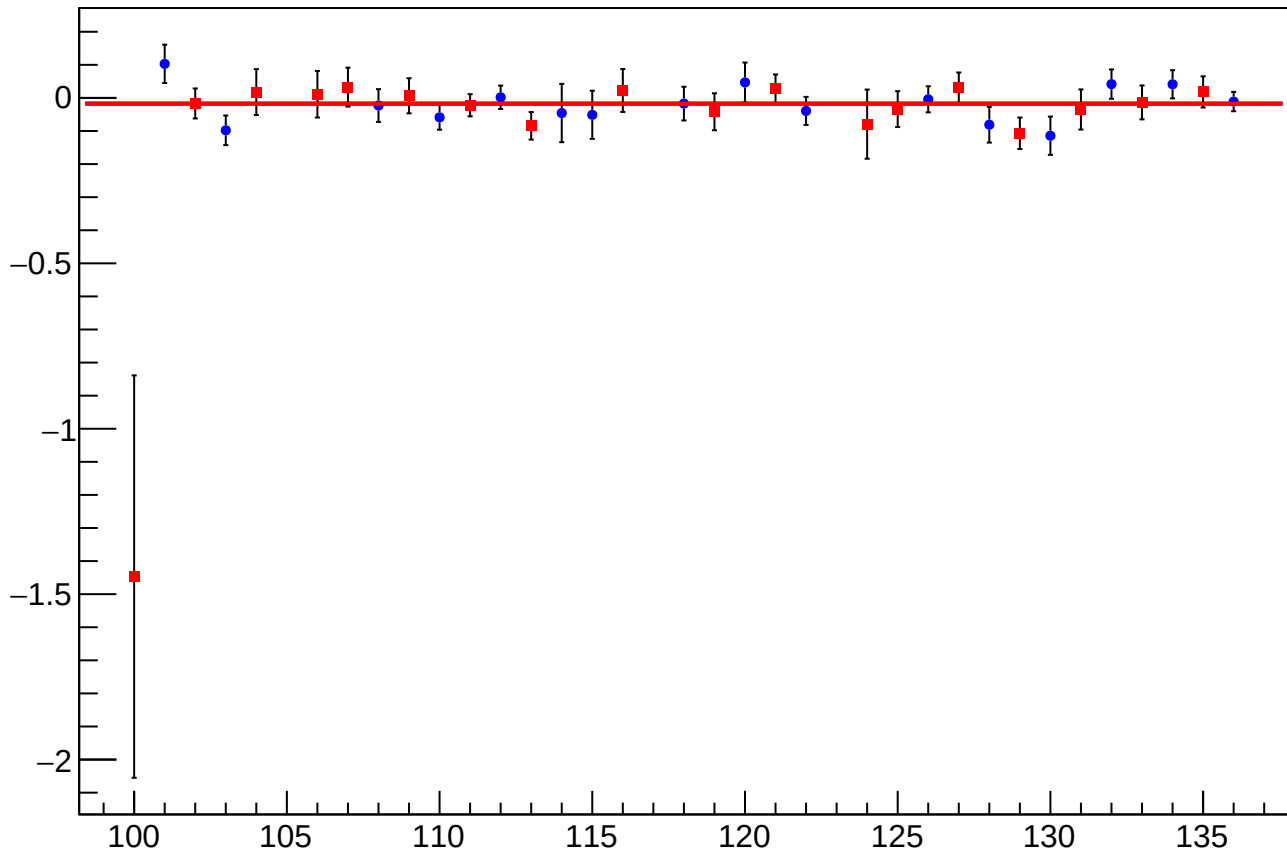
Right: 0.001+/-0.000 χ^2/NDF : 8906058.3/33

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 : 8906058.3/33

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 : 16.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

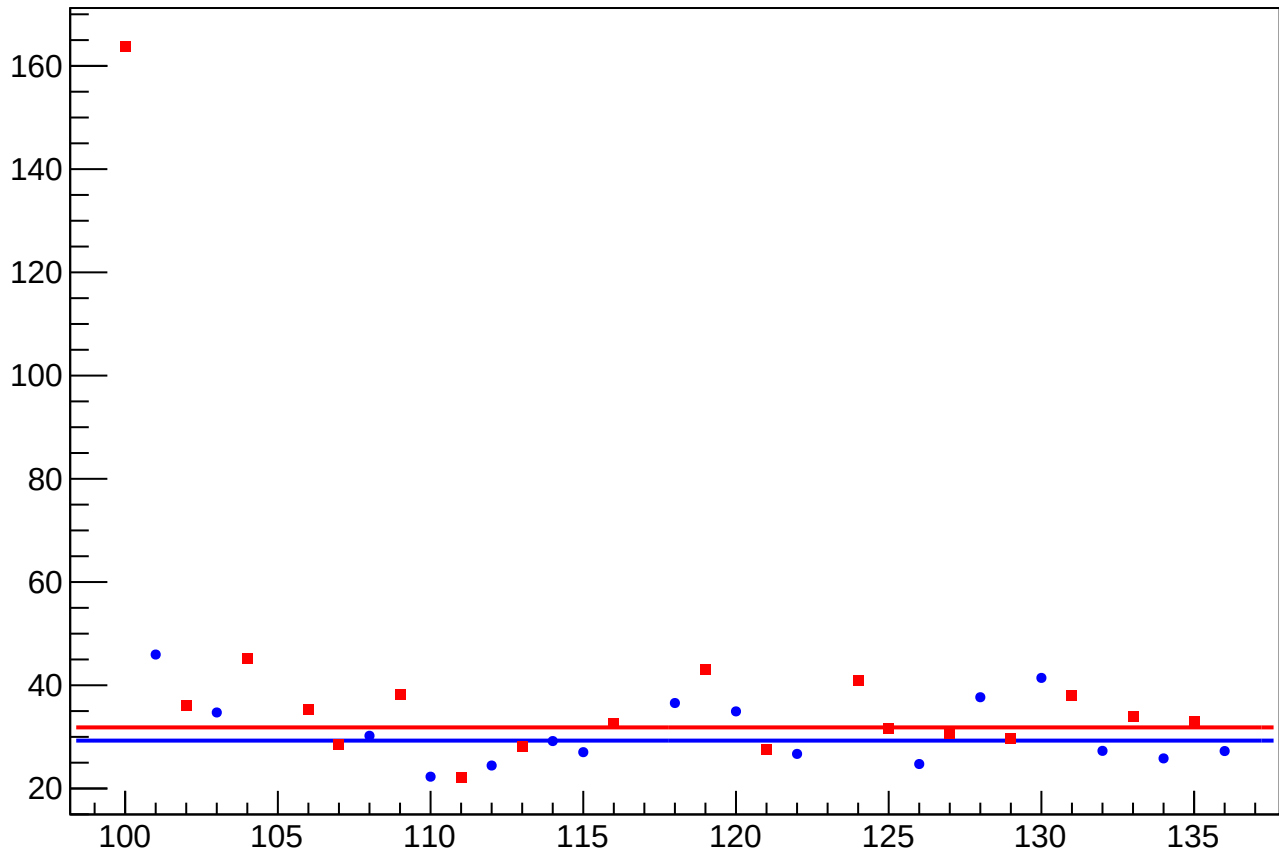
Right: -0.017 ± 0.008 χ^2/NDF : 35.7/33

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 : 35.7/33

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: 31.838+/-0.009 χ^2/NDF : 556451.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

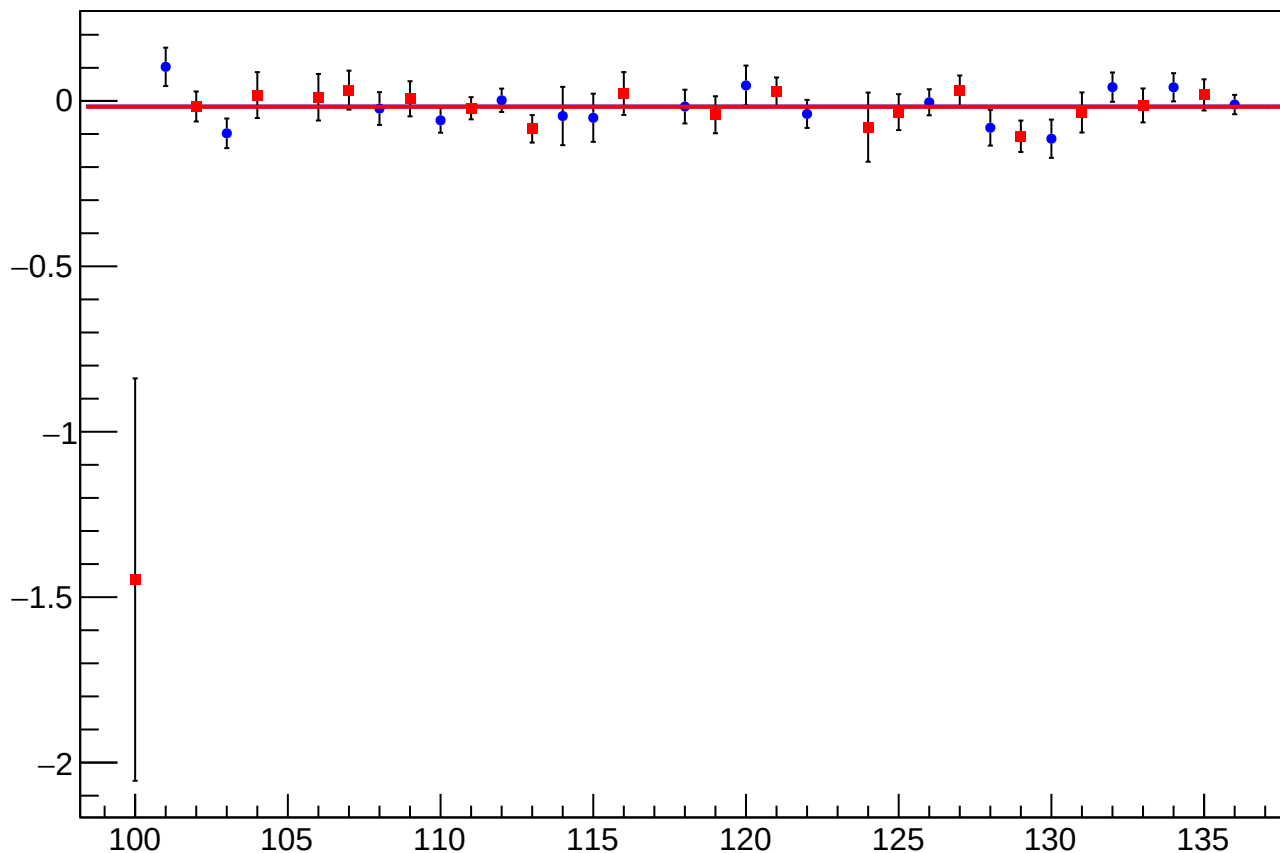
Right: 30.449+/-0.006 χ^2/NDF : 1163659.8/33

In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.449+/-0.006 χ^2/NDF : 1163659.8/33

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: -0.017 $\pm$ 0.011 χ^2 /NDF: 18.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.018 $\pm$ 0.012 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

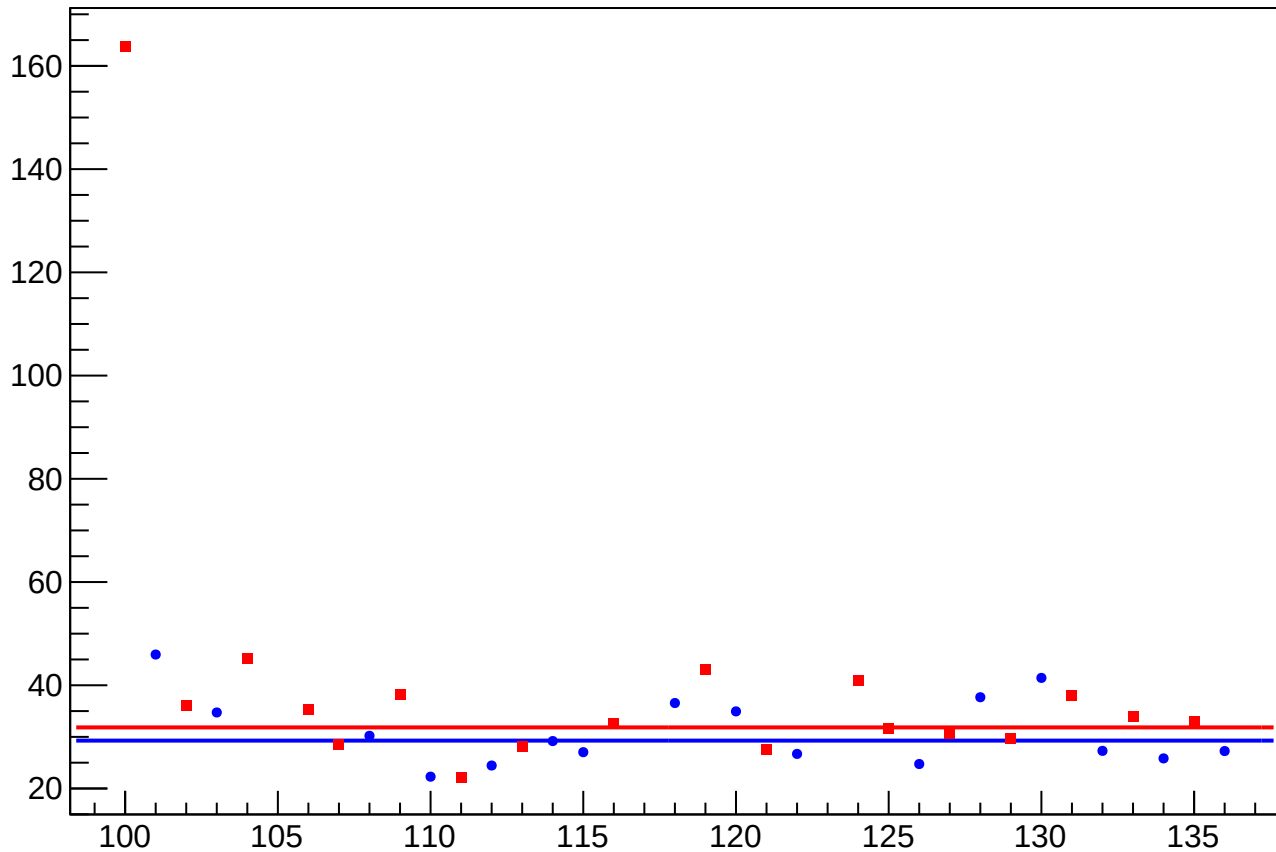
Right: -0.017 $\pm$ 0.008 χ^2 /NDF: 35.7/33

In: -0.017 $\pm$ 0.011 χ^2 /NDF:18.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.017 $\pm$ 0.008 χ^2 /NDF: 35.7/33

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: 31.838+/-0.009 χ^2/NDF : 556451.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

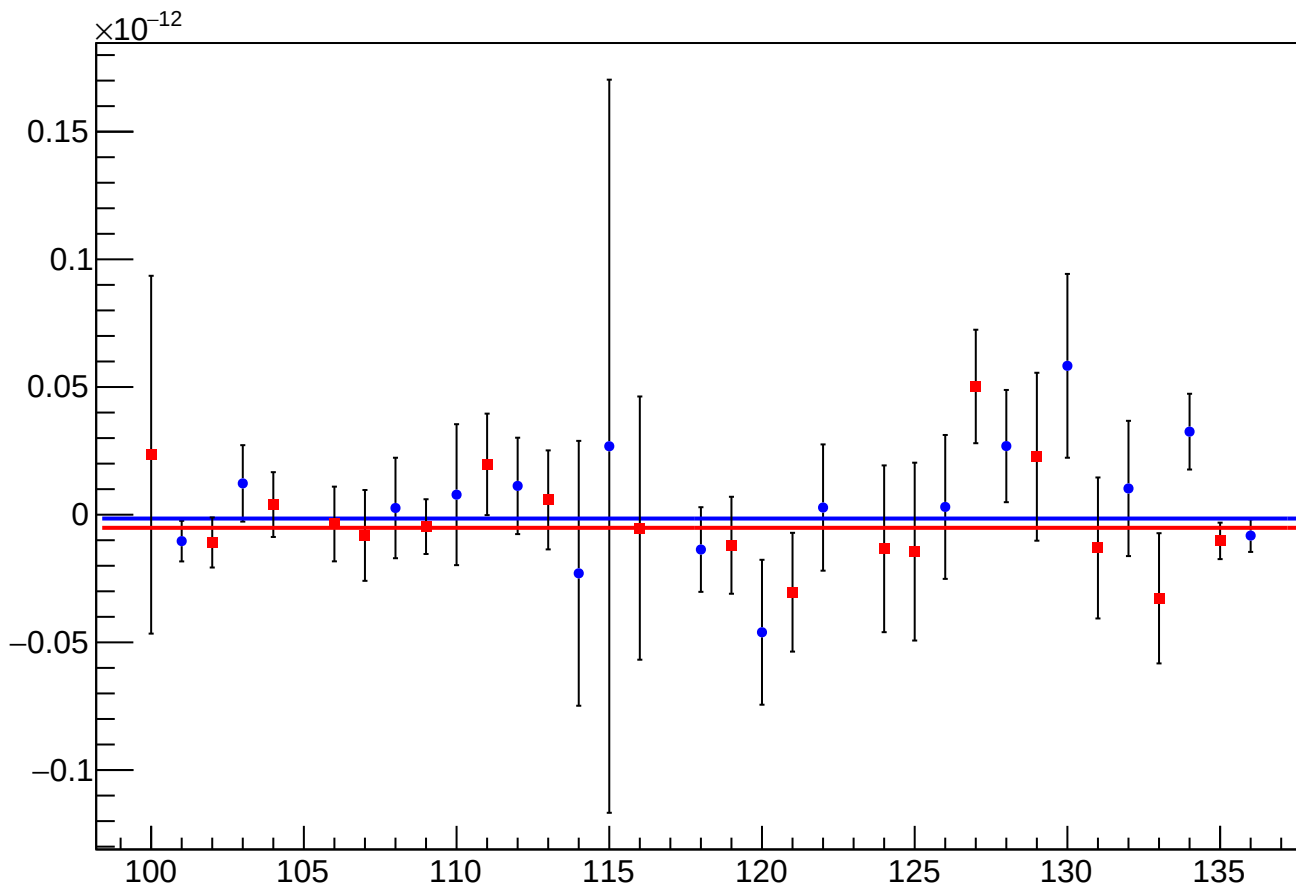
Right: 30.449+/-0.006 χ^2/NDF : 1163659.8/33

In: 29.278+/-0.008 χ^2/NDF : 560654.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.449+/-0.006 χ^2/NDF : 1163659.8/33

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 : 13.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

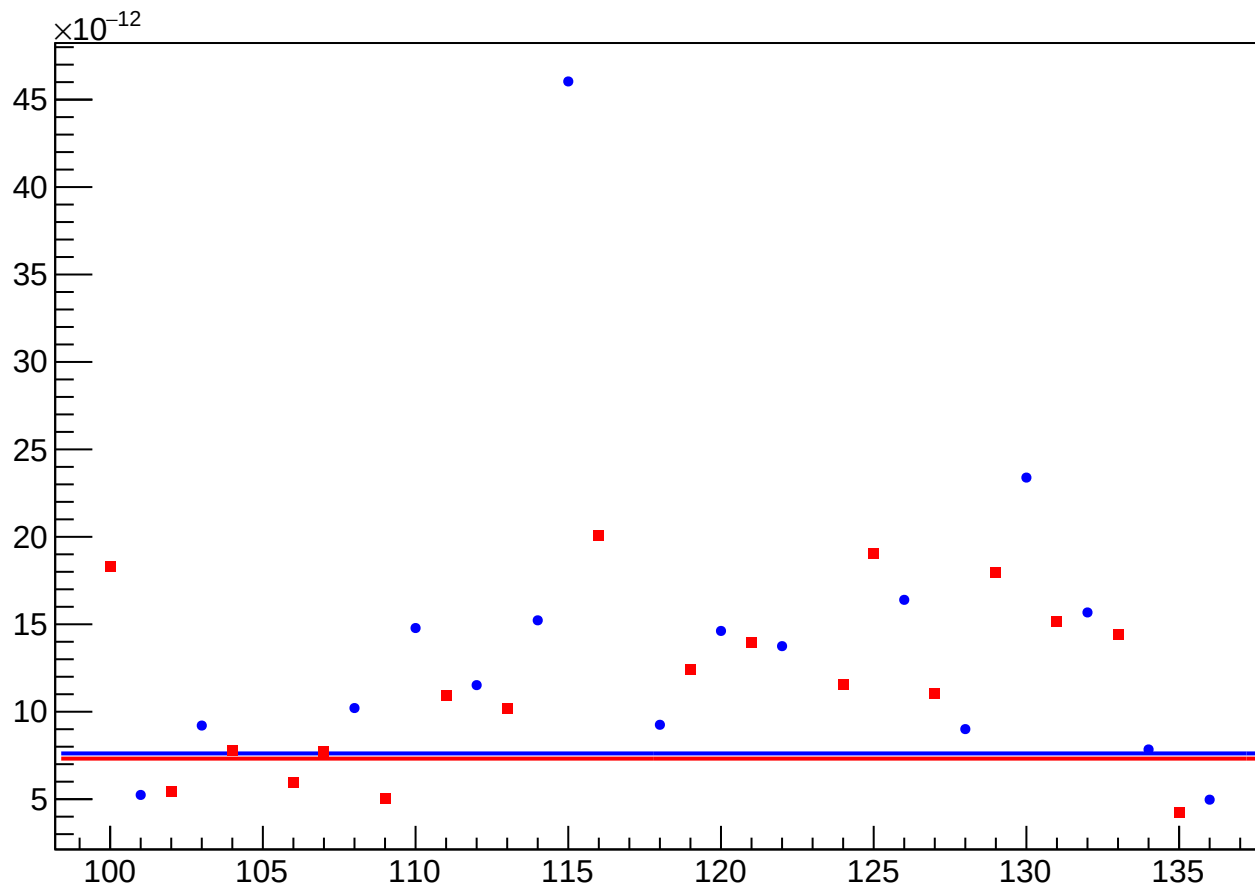
Right: -0.000+/-0.000 χ^2/NDF : 30.5/33

In: -0.000+/-0.000 χ^2/NDF : 16.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 30.5/33

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 : 1989478.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

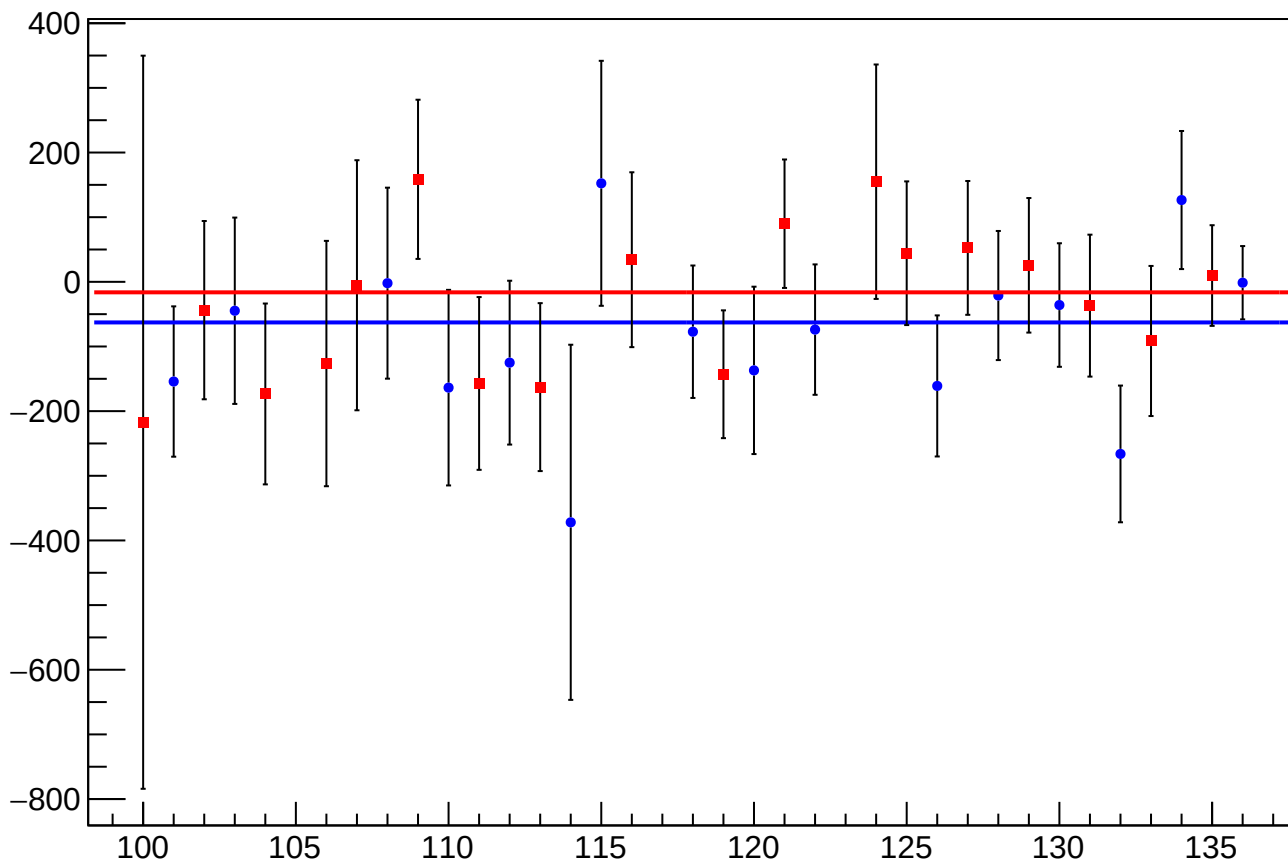
Right: 0.000+/-0.000 χ^2/NDF : 4016888.9/33

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 : 4016888.9/33

reg_asym_sam_15_26_dd_mean vs Slug, Sign Corrected



Right In: -62.798 ± 27.213 χ^2/NDF : 13.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.248 ± 28.626 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

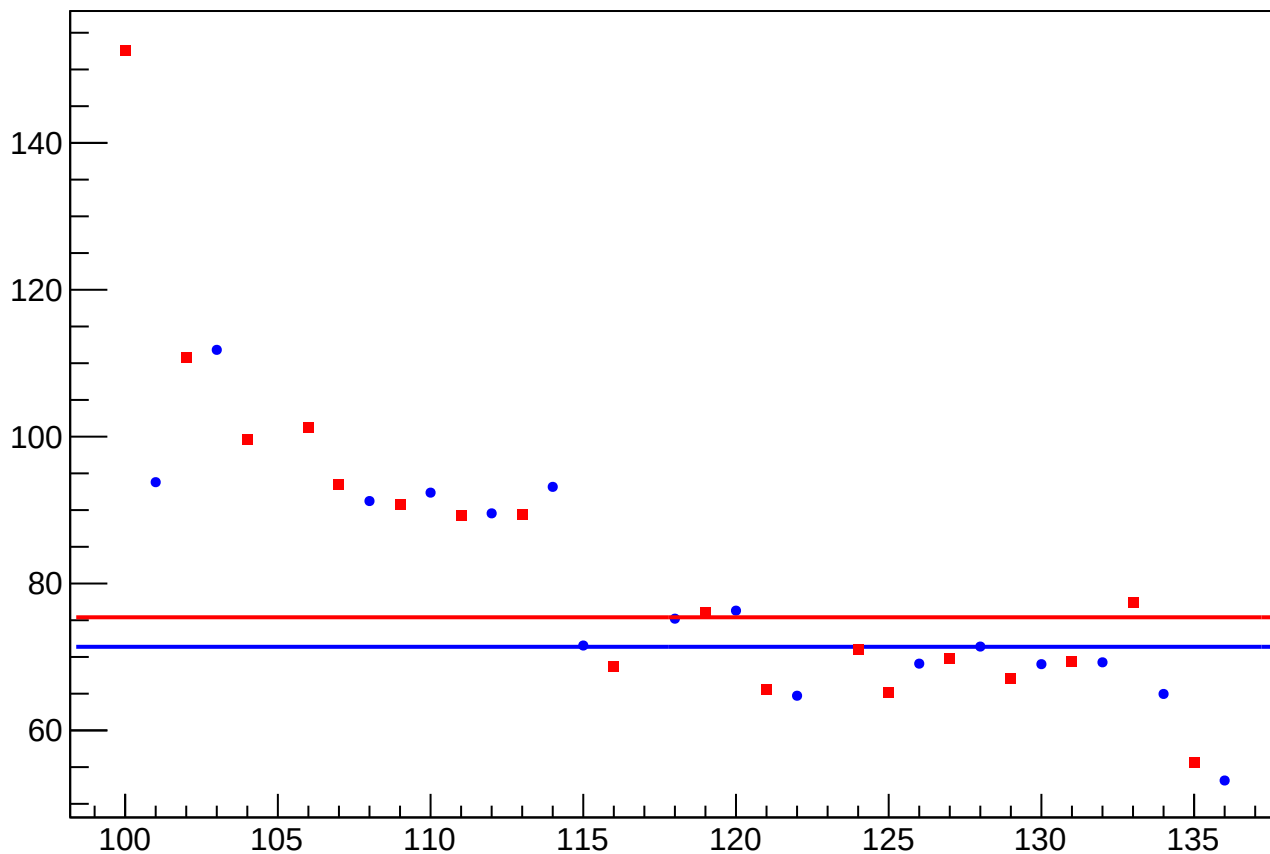
Right: -40.700 ± 19.723 χ^2/NDF : 26.3/33

In: -62.798 ± 27.213 χ^2/NDF : 13.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.700 ± 19.723 χ^2/NDF : 26.3/33

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: 75.402+/-0.020 χ^2/NDF : 556222.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

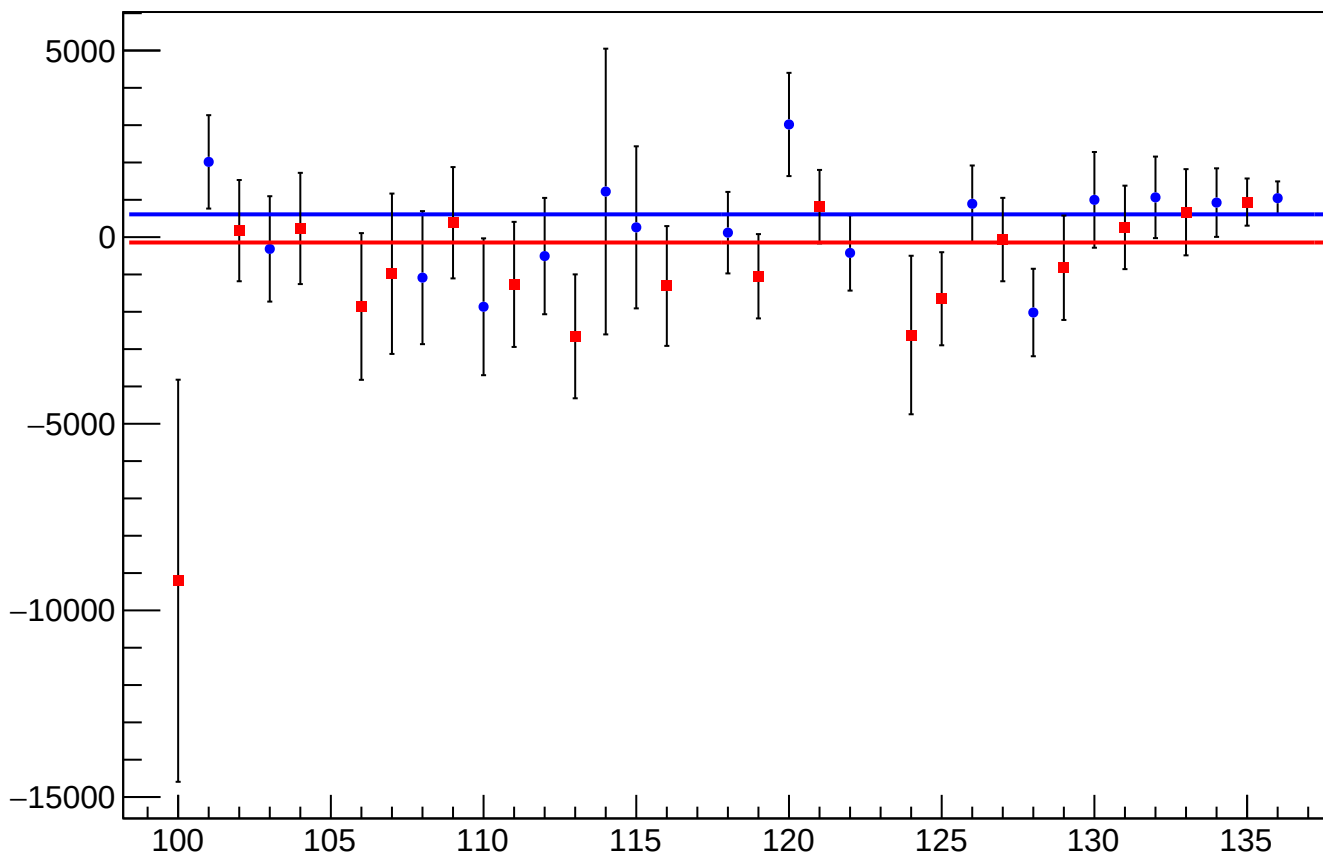
Right: 73.291+/-0.014 χ^2/NDF : 1167841.0/33

In: 71.383+/-0.019 χ^2/NDF : 590909.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.291+/-0.014 χ^2/NDF : 1167841.0/33

asym_sam_15_26_dd_reg_correction_mean vs Slug, Sign Corrected



Right In: 610.561 ± 266.802 χ^2/NDF : 15.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -143.542 ± 300.064 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

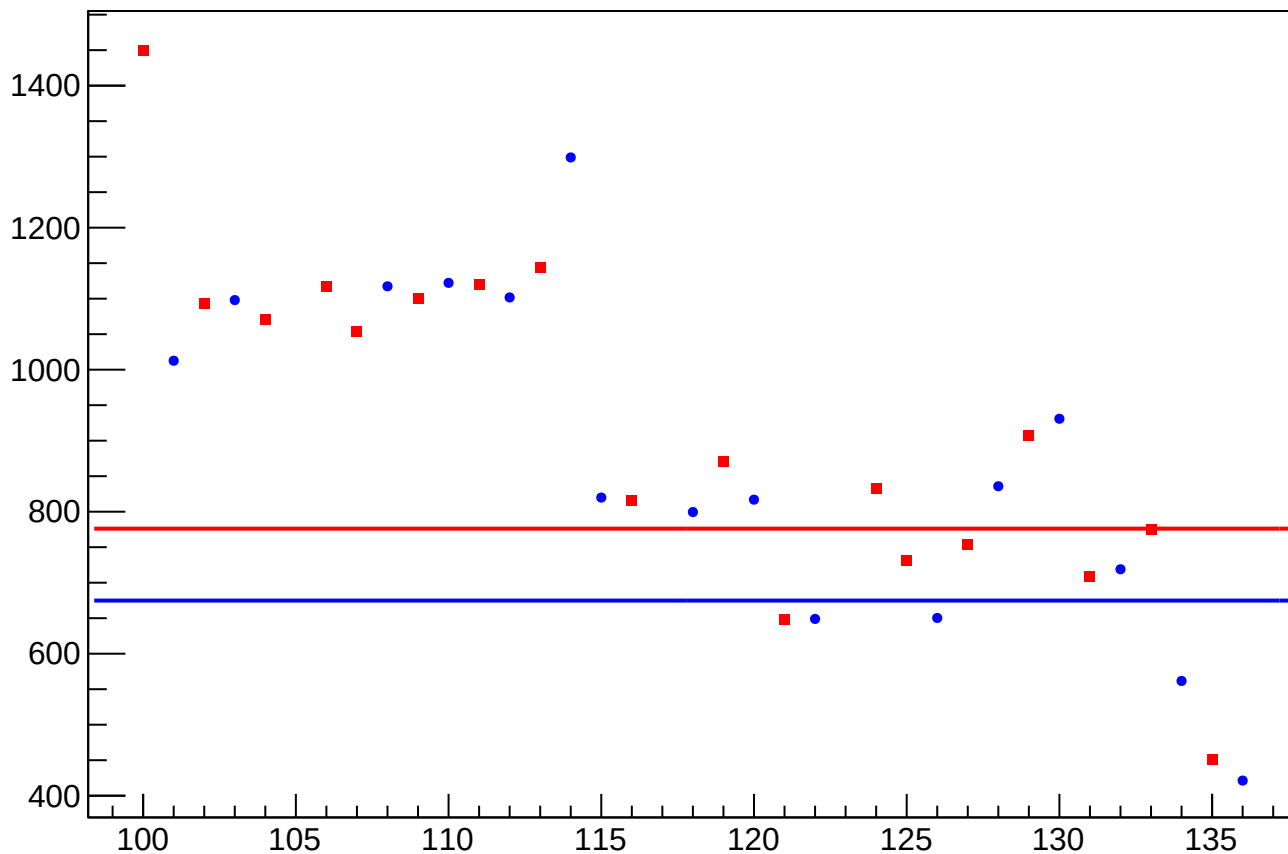
Right: 277.607 ± 199.385 χ^2/NDF : 34.7/33

In: 610.561 ± 266.802 χ^2/NDF : 15.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 277.607 ± 199.385 χ^2/NDF : 34.7/33

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: 776.145+/-0.212 χ^2/NDF : 1195205.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

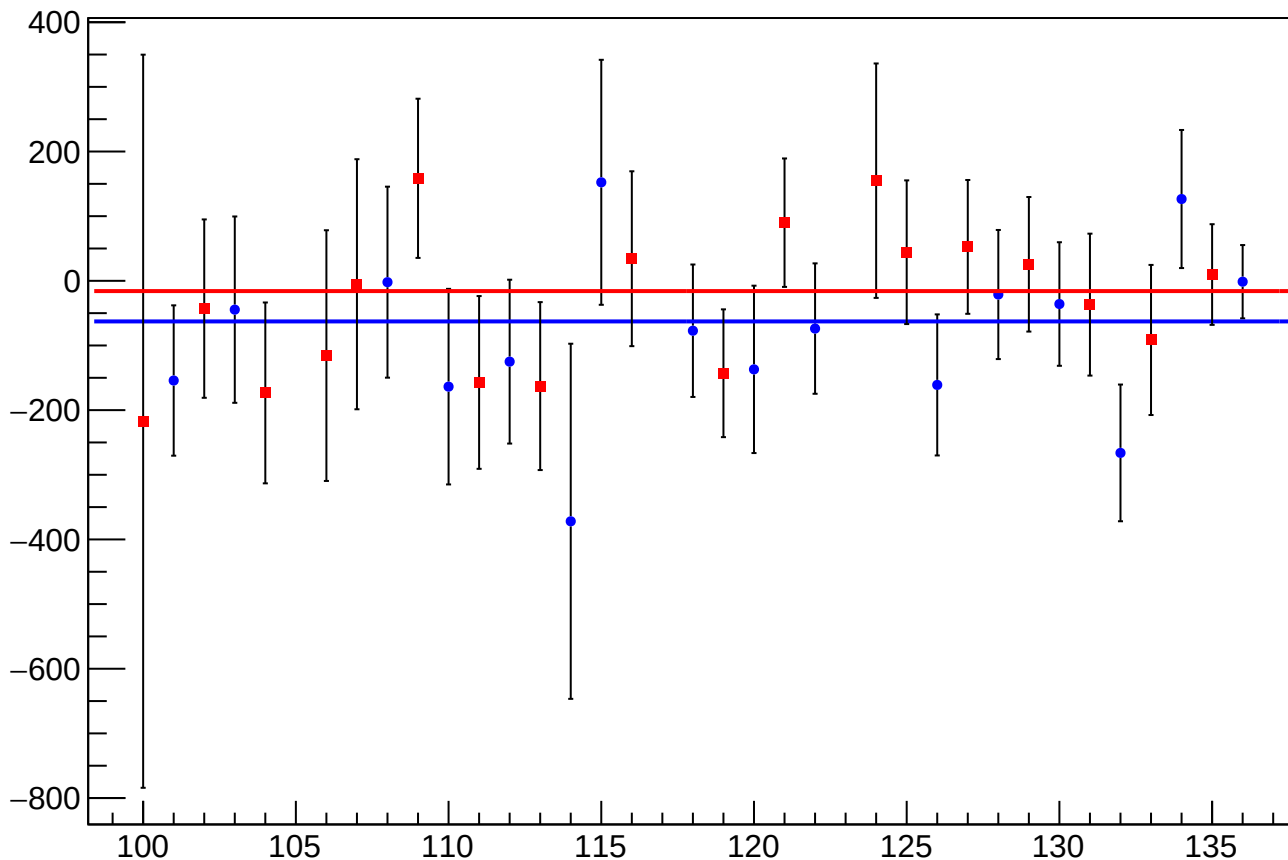
Right: 719.563+/-0.141 χ^2/NDF : 2940139.3/33

In: 674.830+/-0.189 χ^2/NDF : 1617598.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 719.563+/-0.141 χ^2/NDF : 2940139.3/33

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: -15.871 $\pm$ 28.640 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

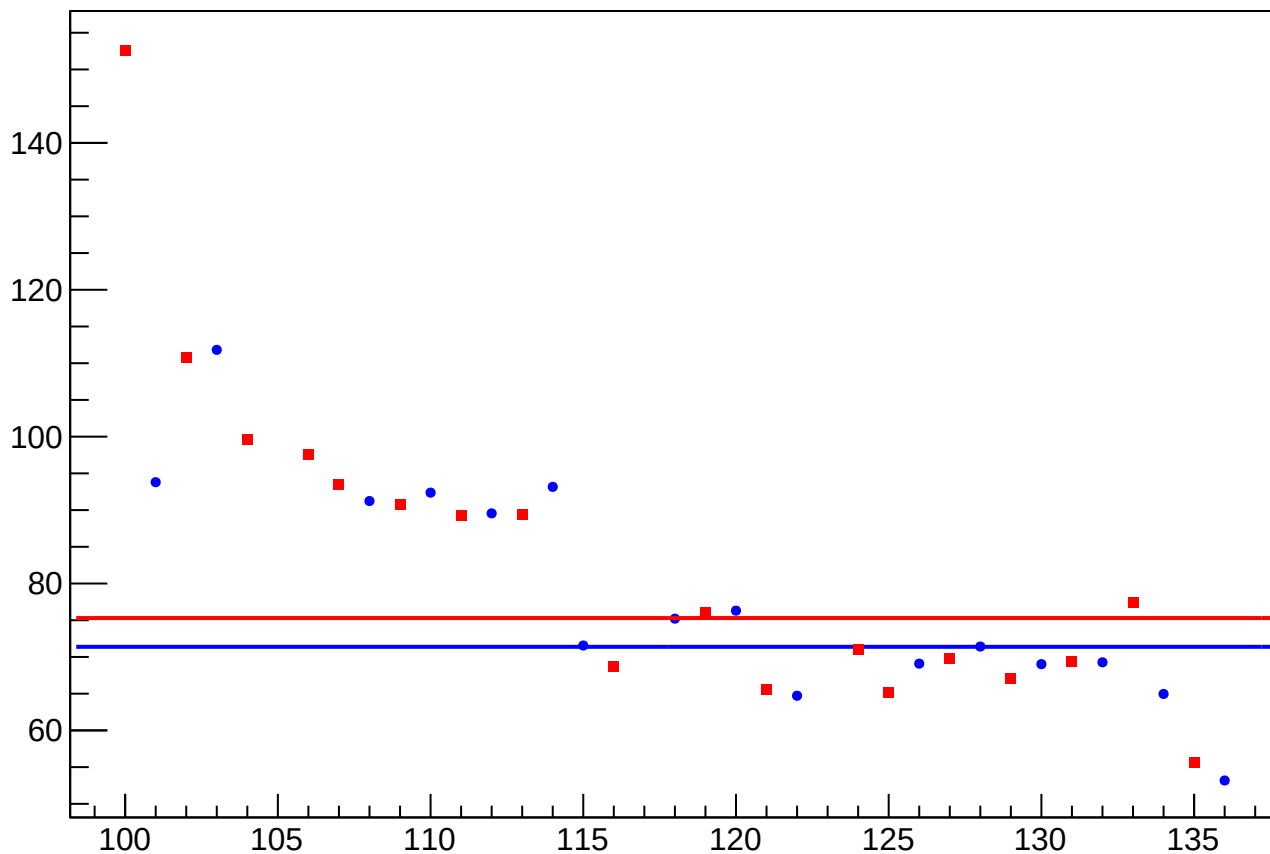
Right: -40.528 $\pm$ 19.728 χ^2 /NDF: 26.3/33

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: -40.528 $\pm$ 19.728 χ^2 /NDF: 26.3/33

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: 75.298+/-0.020 χ^2/NDF : 545513.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

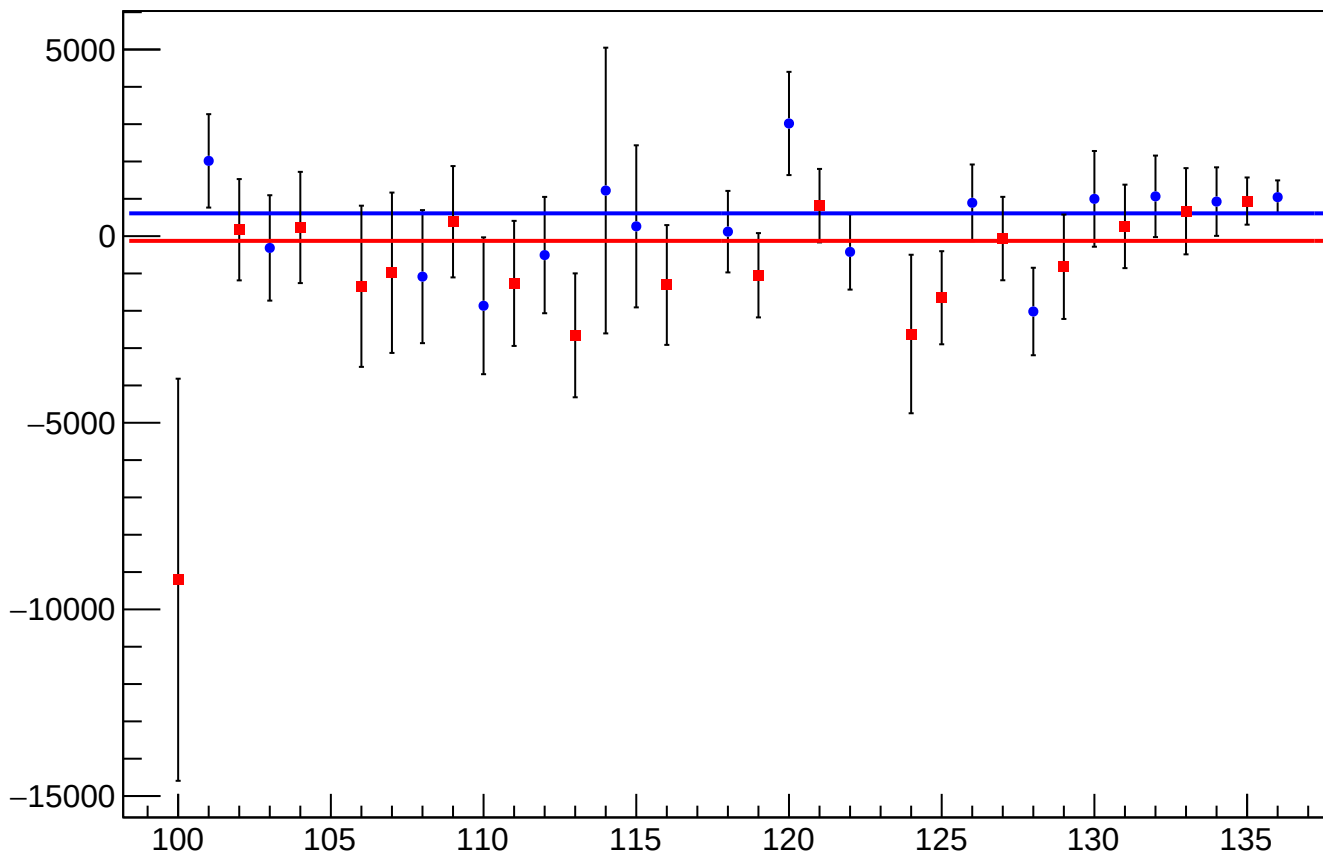
Right: 73.241+/-0.014 χ^2/NDF : 1156060.5/33

In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.241+/-0.014 χ^2/NDF : 1156060.5/33

asym_sam_15_26_dd_cor_correction_mean vs Slug, Sign Corrected



Right In: 610.549 $\pm$ 266.803 χ^2 /NDF: 15.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -126.861 $\pm$ 300.675 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

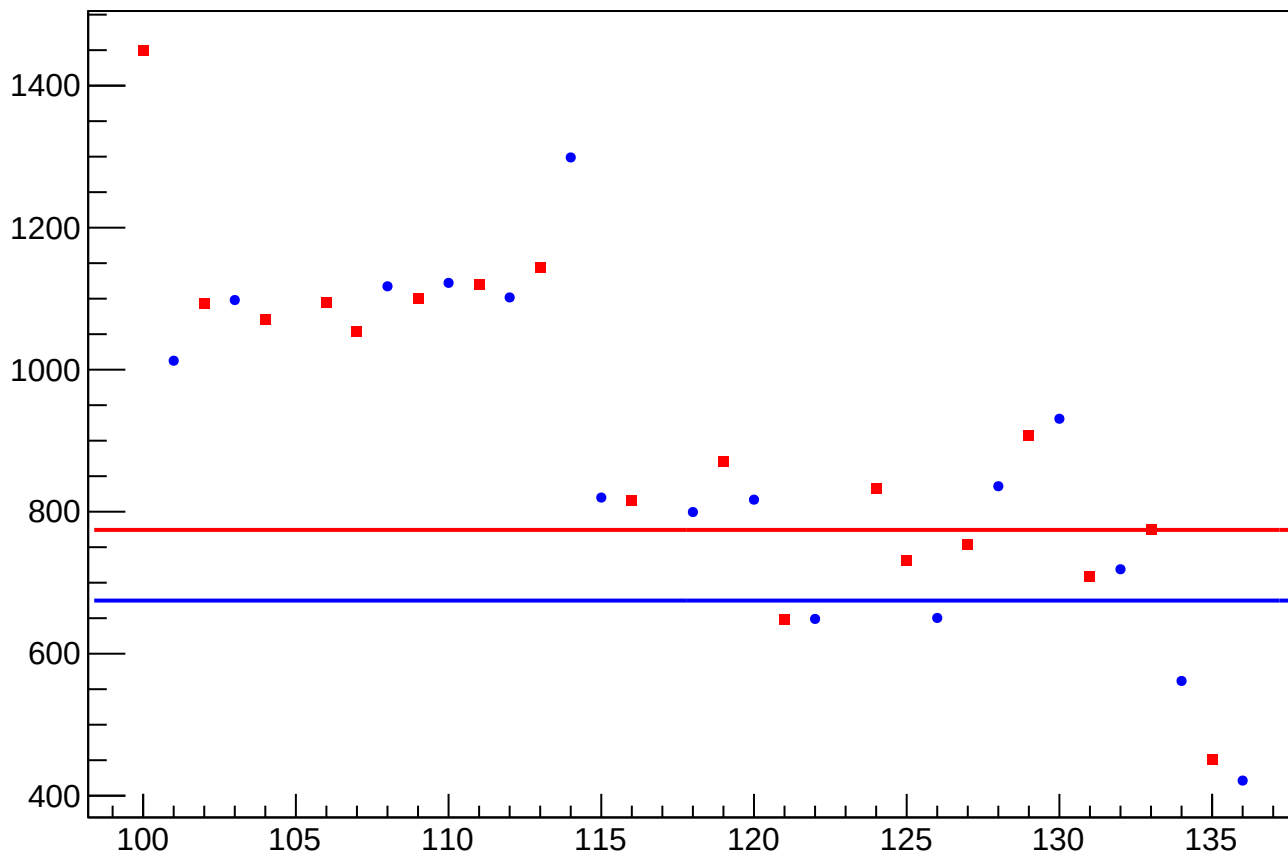
Right: 285.703 $\pm$ 199.564 χ^2 /NDF: 34.1/33

In: 610.549 $\pm$ 266.803 χ^2 /NDF:15.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.703 $\pm$ 199.564 χ^2 /NDF: 34.1/33

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: 774.346+/-0.213 χ^2/NDF : 1178638.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

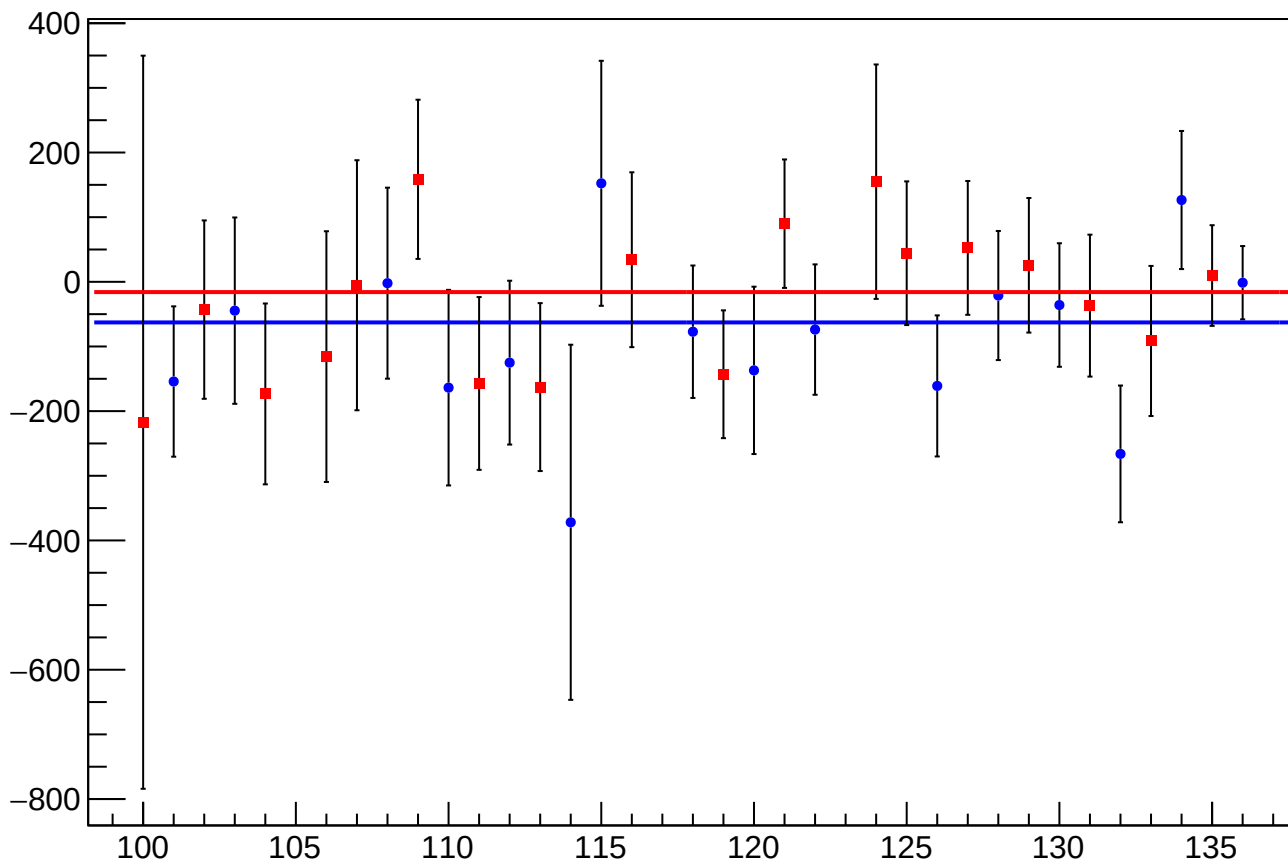
Right: 718.669+/-0.141 χ^2/NDF : 2918835.3/33

In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.669+/-0.141 χ^2/NDF : 2918835.3/33

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: -15.871 $\pm$ 28.640 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

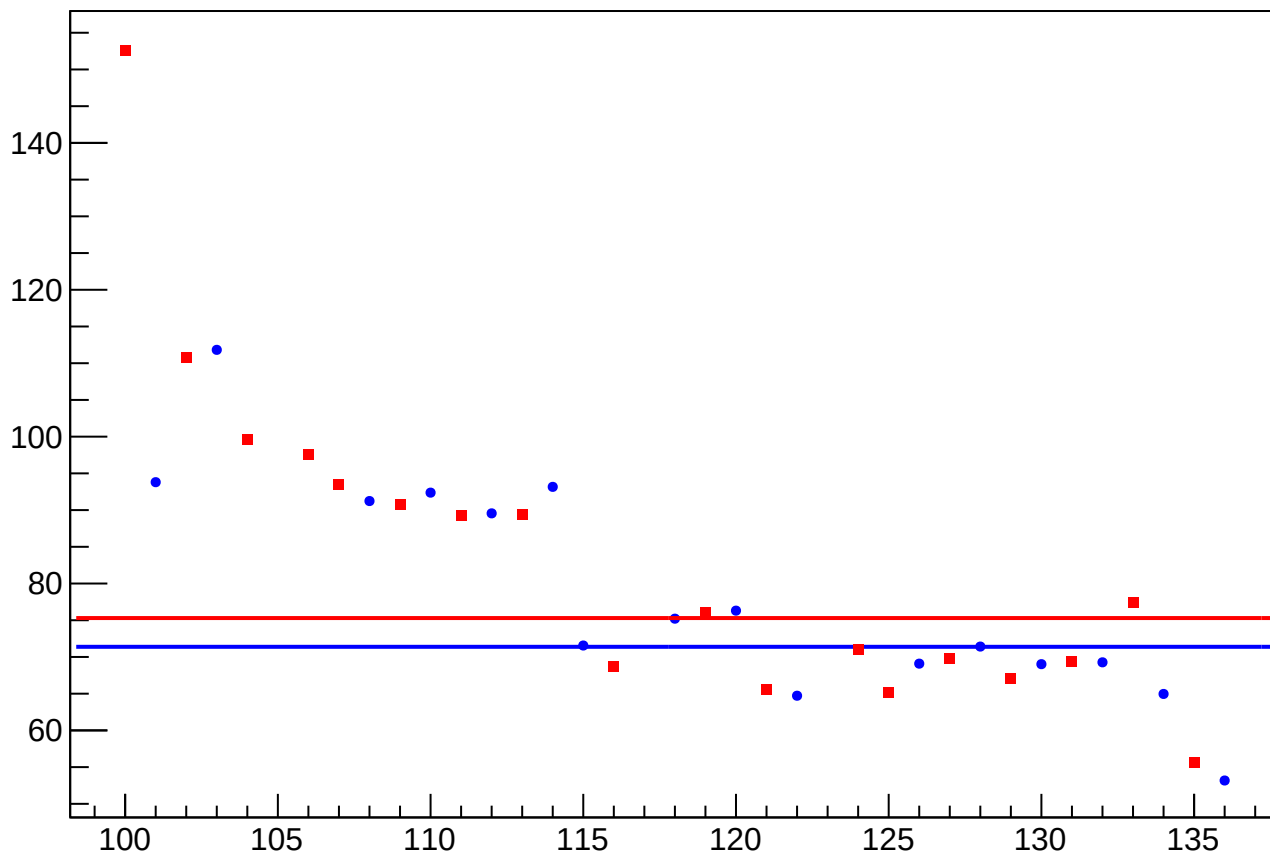
Right: -40.528 $\pm$ 19.728 χ^2 /NDF: 26.3/33

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: -40.528 $\pm$ 19.728 χ^2 /NDF: 26.3/33

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: 75.298+/-0.020 χ^2/NDF : 545513.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

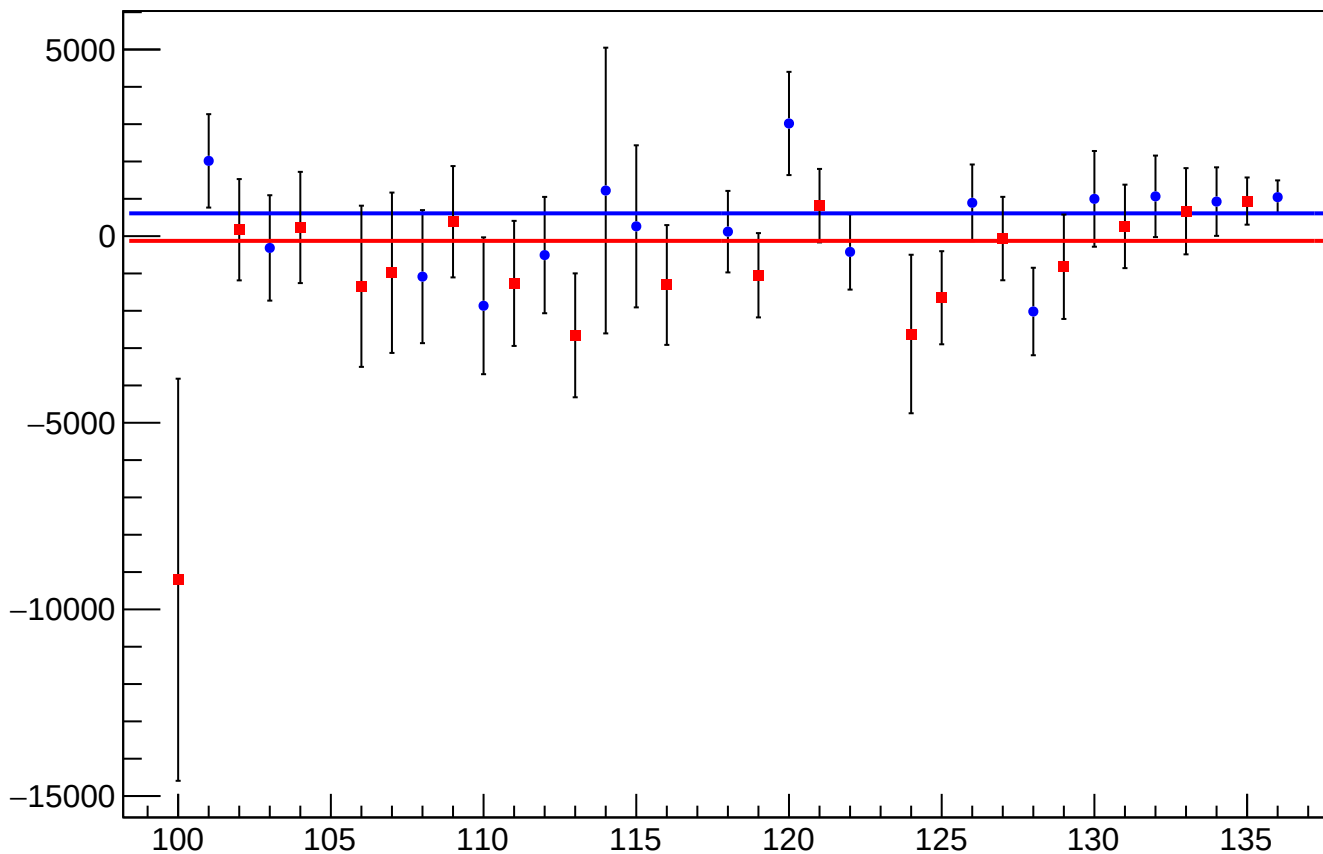
Right: 73.241+/-0.014 χ^2/NDF : 1156060.5/33

In: 71.383+/-0.019 χ^2/NDF : 590911.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.241+/-0.014 χ^2/NDF : 1156060.5/33

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug, Sign Corrected



Right In: 610.549 $\pm$ 266.803 χ^2 /NDF: 15.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -126.861 $\pm$ 300.675 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

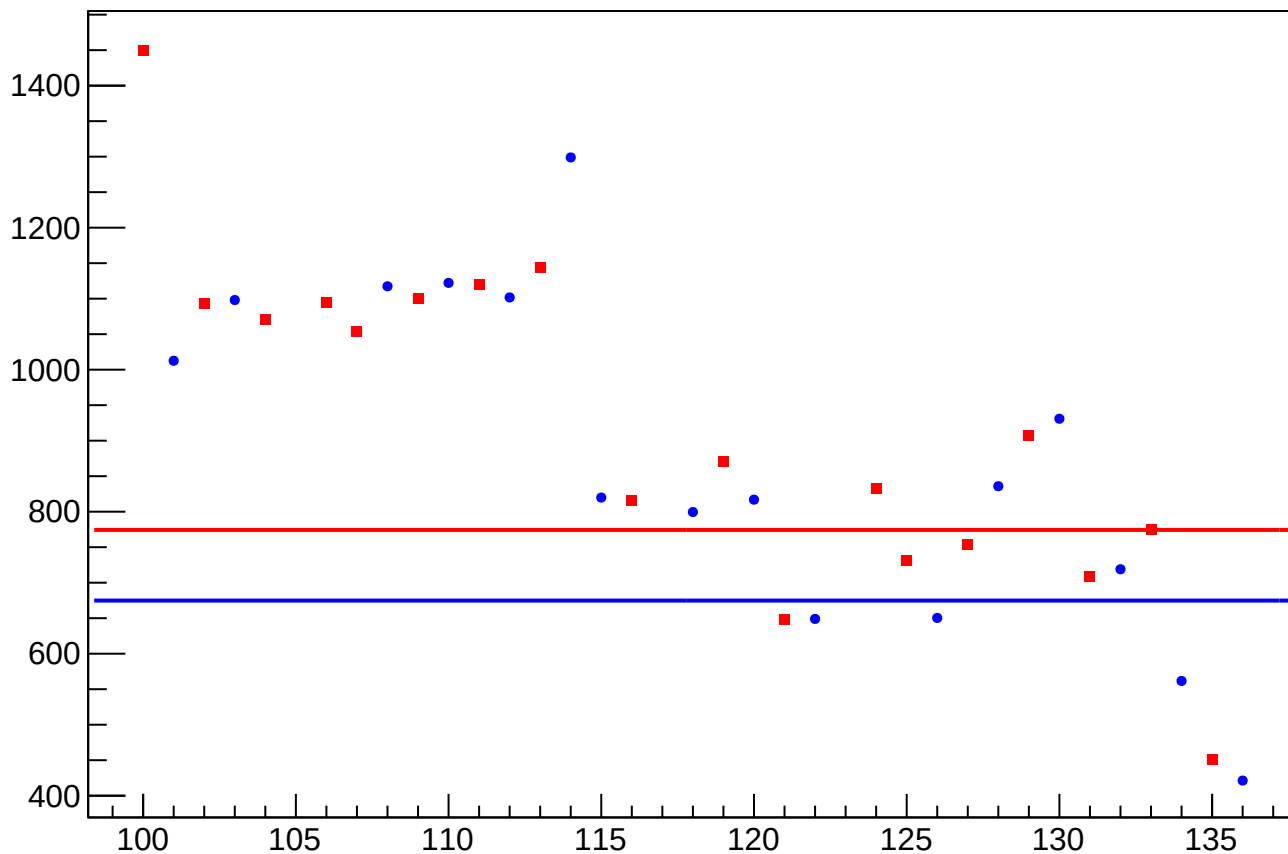
Right: 285.703 $\pm$ 199.564 χ^2 /NDF: 34.1/33

In: 610.549 $\pm$ 266.803 χ^2 /NDF:15.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 285.703 $\pm$ 199.564 χ^2 /NDF: 34.1/33

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: 774.346+/-0.213 χ^2/NDF : 1178638.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

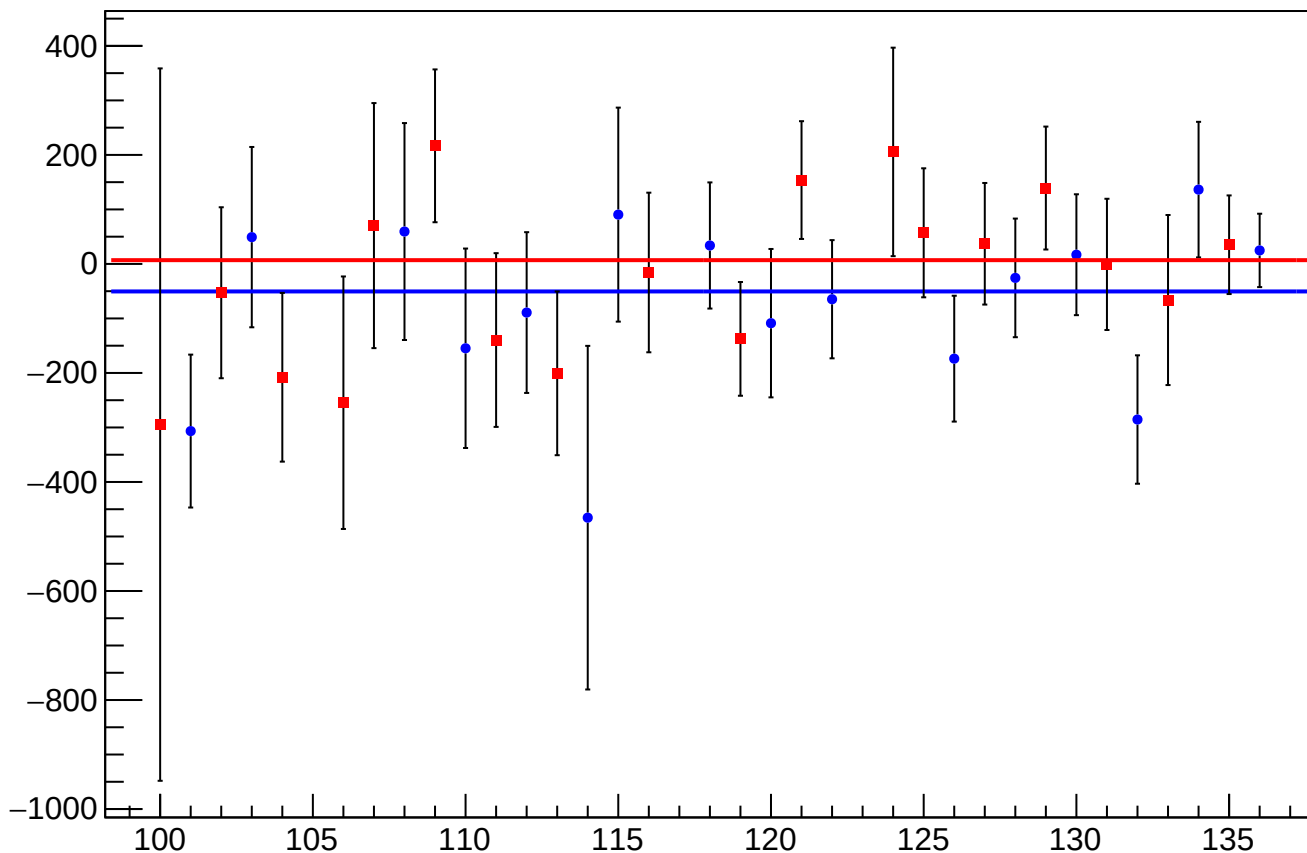
Right: 718.669+/-0.141 χ^2/NDF : 2918835.3/33

In: 674.831+/-0.189 χ^2/NDF : 1617624.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.669+/-0.141 χ^2/NDF : 2918835.3/33

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: 6.921 ± 32.073 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

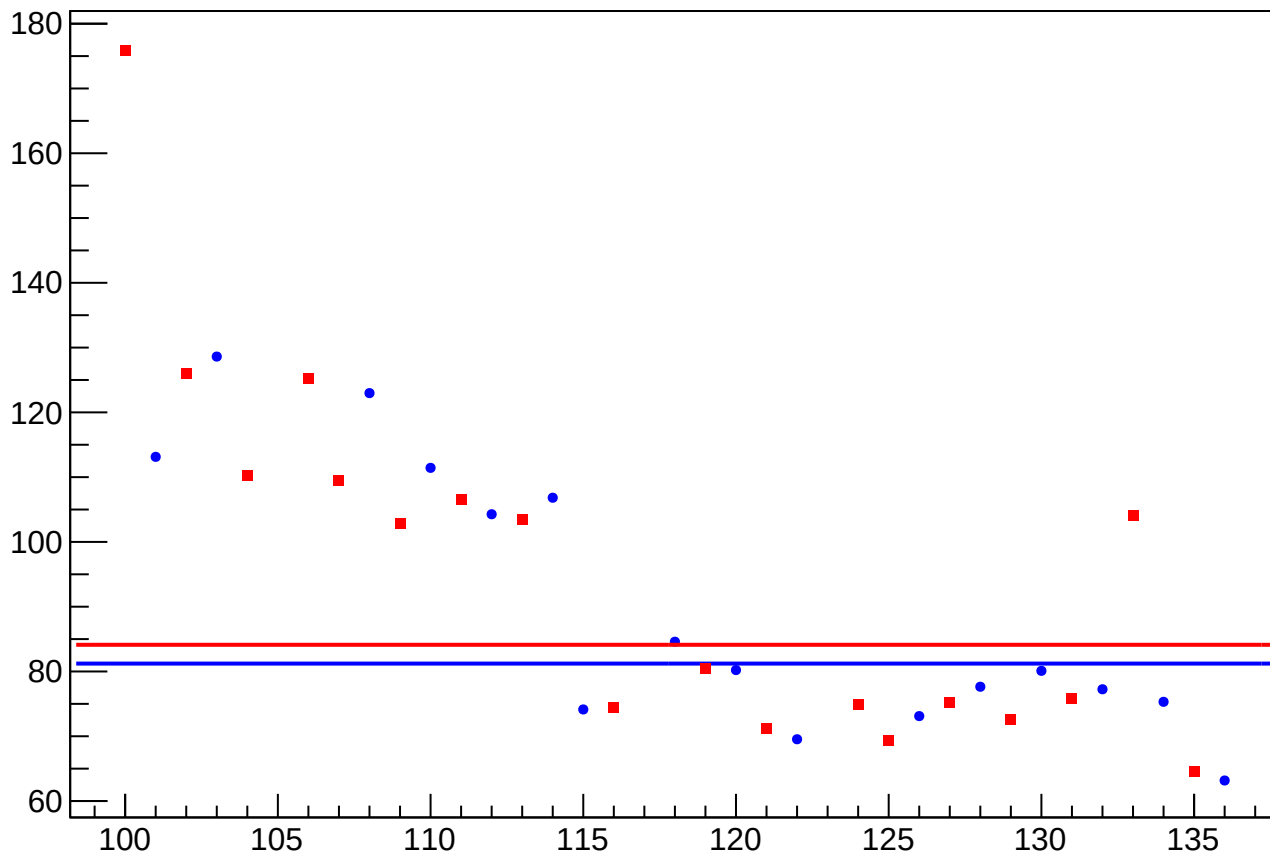
Right: -22.692 ± 22.313 χ^2/NDF : 33.5/33

In: -50.465 ± 31.061 χ^2/NDF : 16.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.692 ± 22.313 χ^2/NDF : 33.5/33

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: 84.119+/-0.023 χ^2/NDF : 680701.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

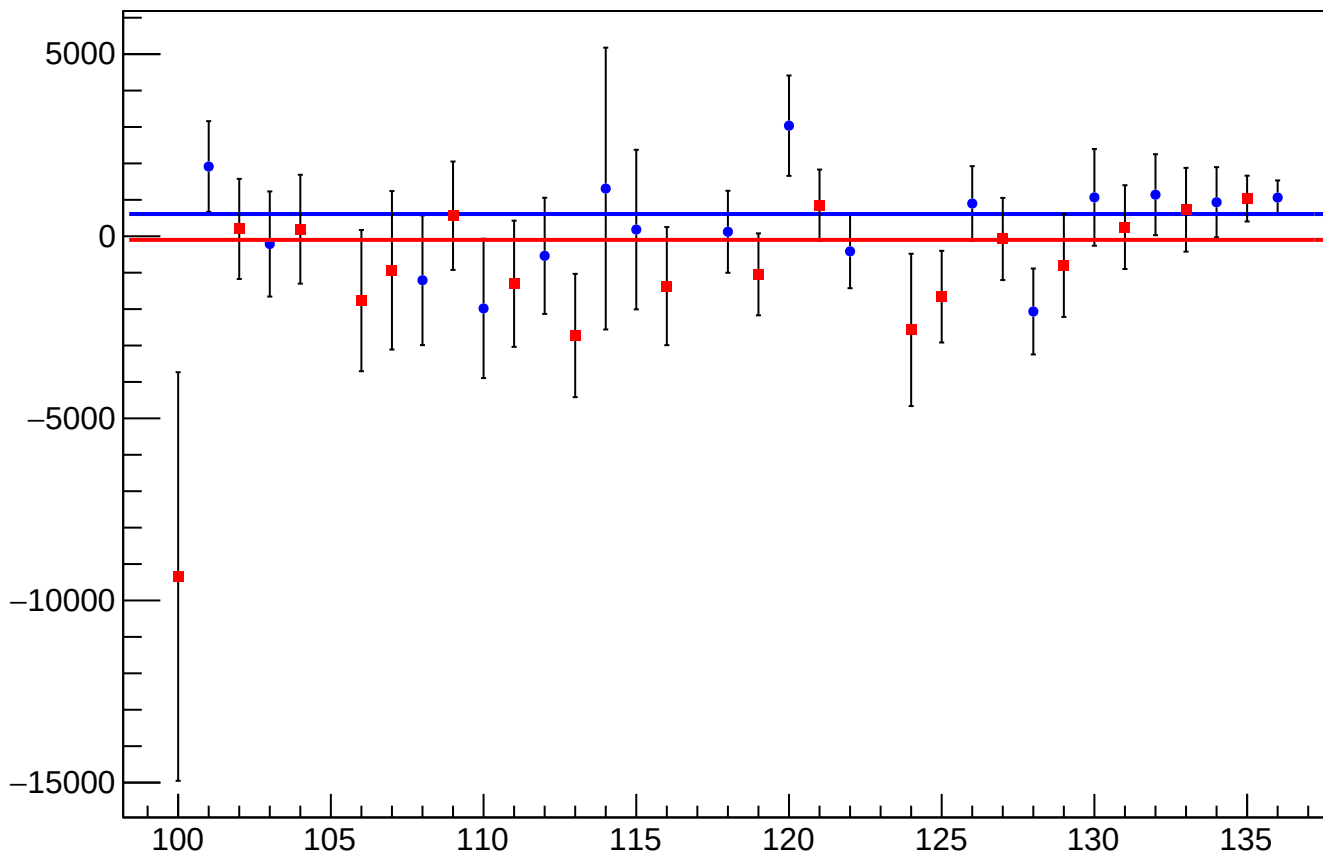
Right: 82.622+/-0.016 χ^2/NDF : 1352020.5/33

In: 81.218+/-0.022 χ^2/NDF : 662873.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.622+/-0.016 χ^2/NDF : 1352020.5/33

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: -99.257 $\pm$ 301.164 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

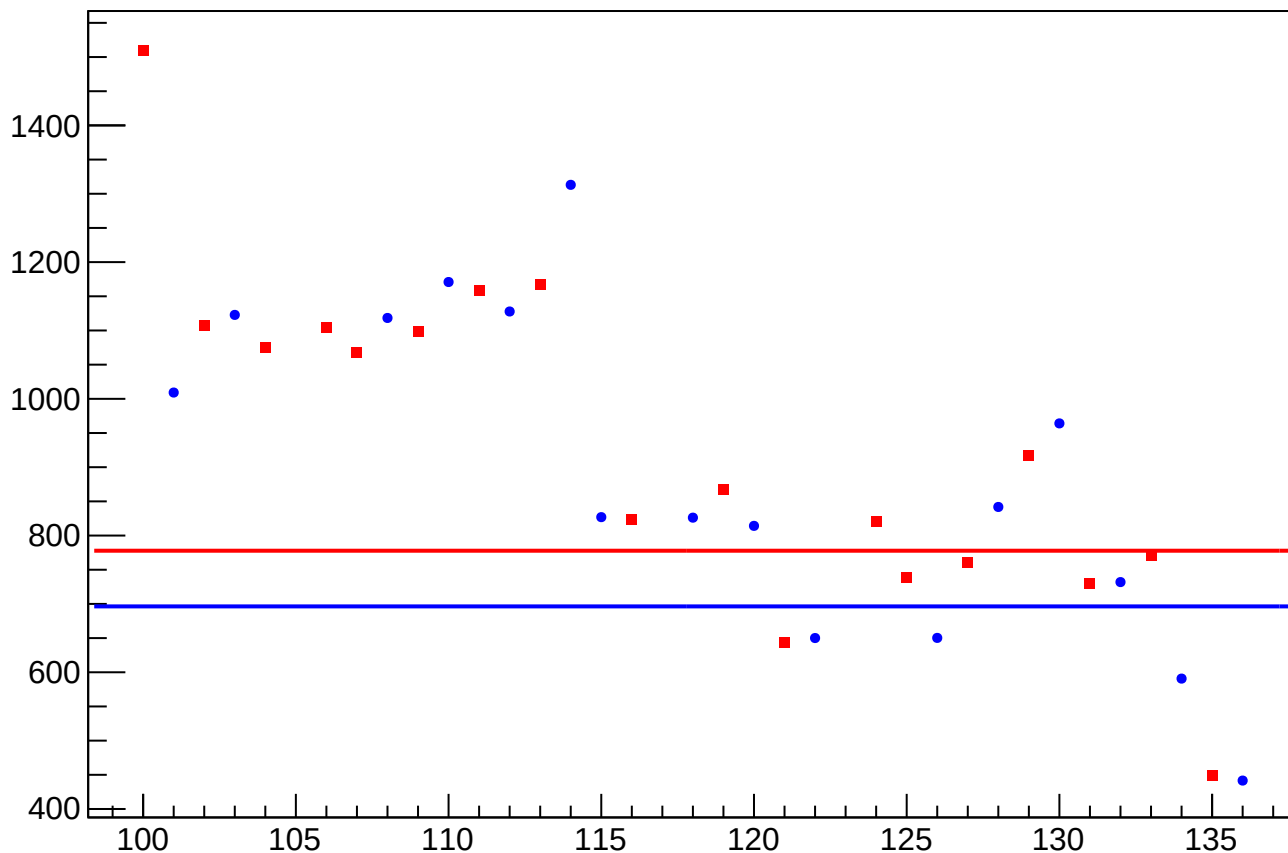
Right: 289.027 $\pm$ 202.664 χ^2 /NDF: 34.9/33

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: 289.027 $\pm$ 202.664 χ^2 /NDF: 34.9/33

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: 777.822+/-0.213 χ^2/NDF : 1240777.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

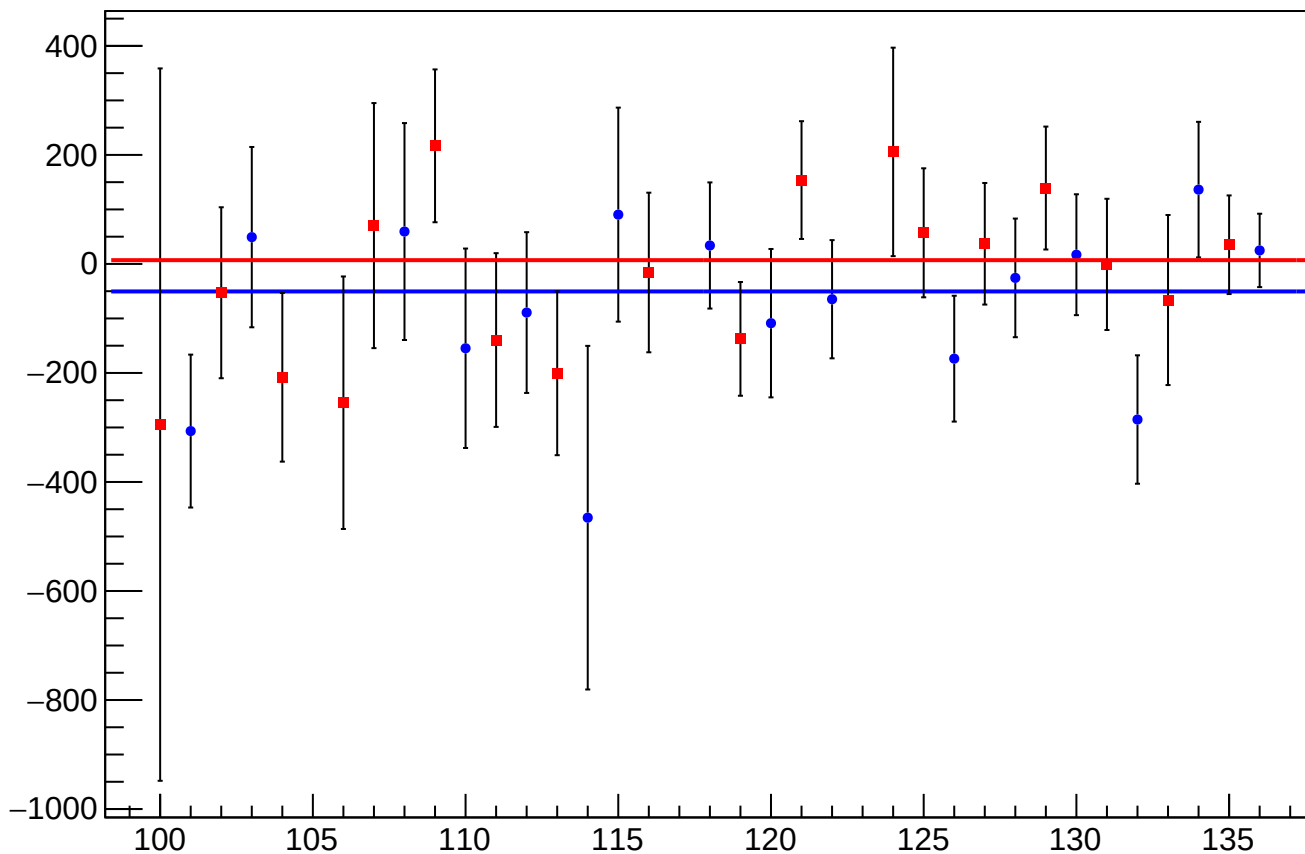
Right: 733.256+/-0.143 χ^2/NDF : 2836299.4/33

In: 696.371+/-0.194 χ^2/NDF : 1515478.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.256+/-0.143 χ^2/NDF : 2836299.4/33

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: 6.921 ± 32.073 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

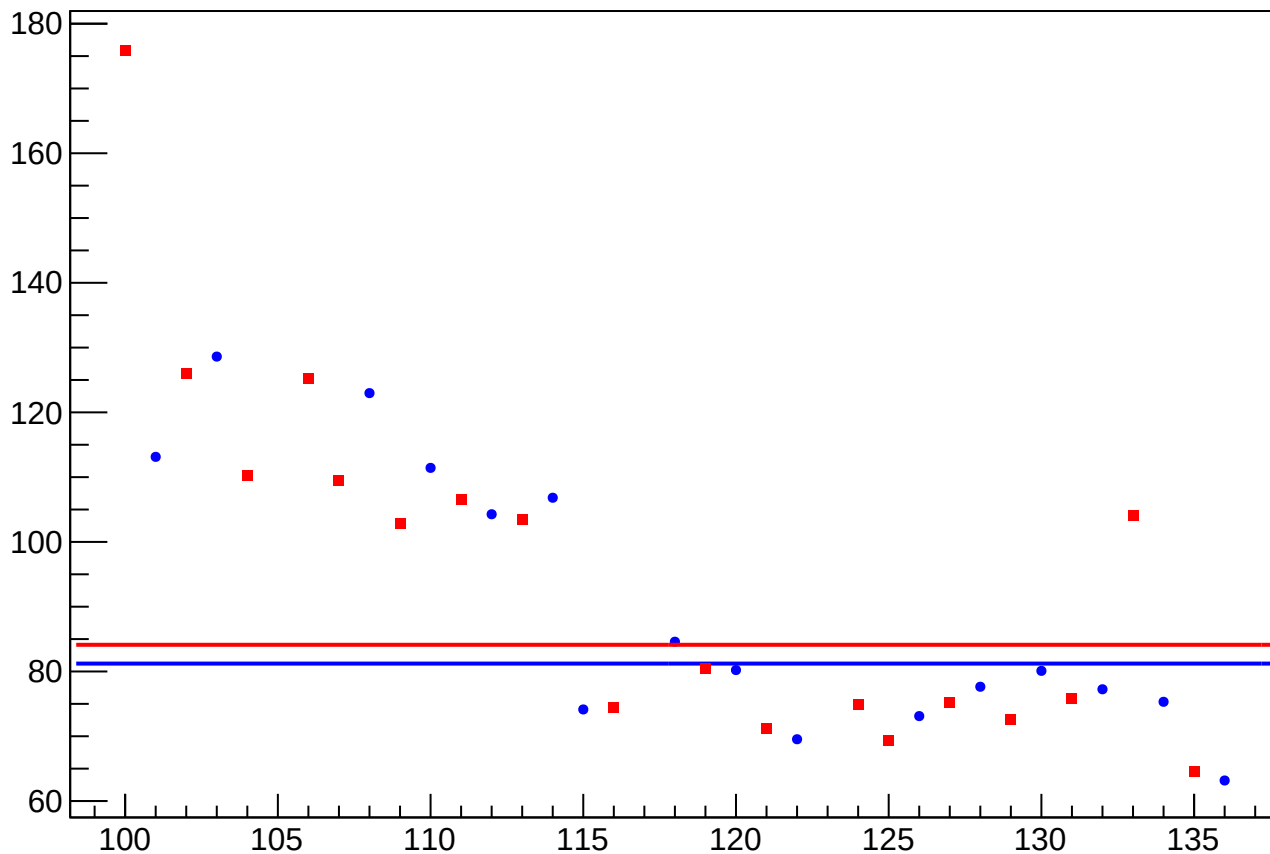
Right: -22.692 ± 22.313 χ^2/NDF : 33.5/33

In: -50.466 ± 31.061 χ^2/NDF : 16.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.692 ± 22.313 χ^2/NDF : 33.5/33

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: 84.119+/-0.023 χ^2/NDF : 680692.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

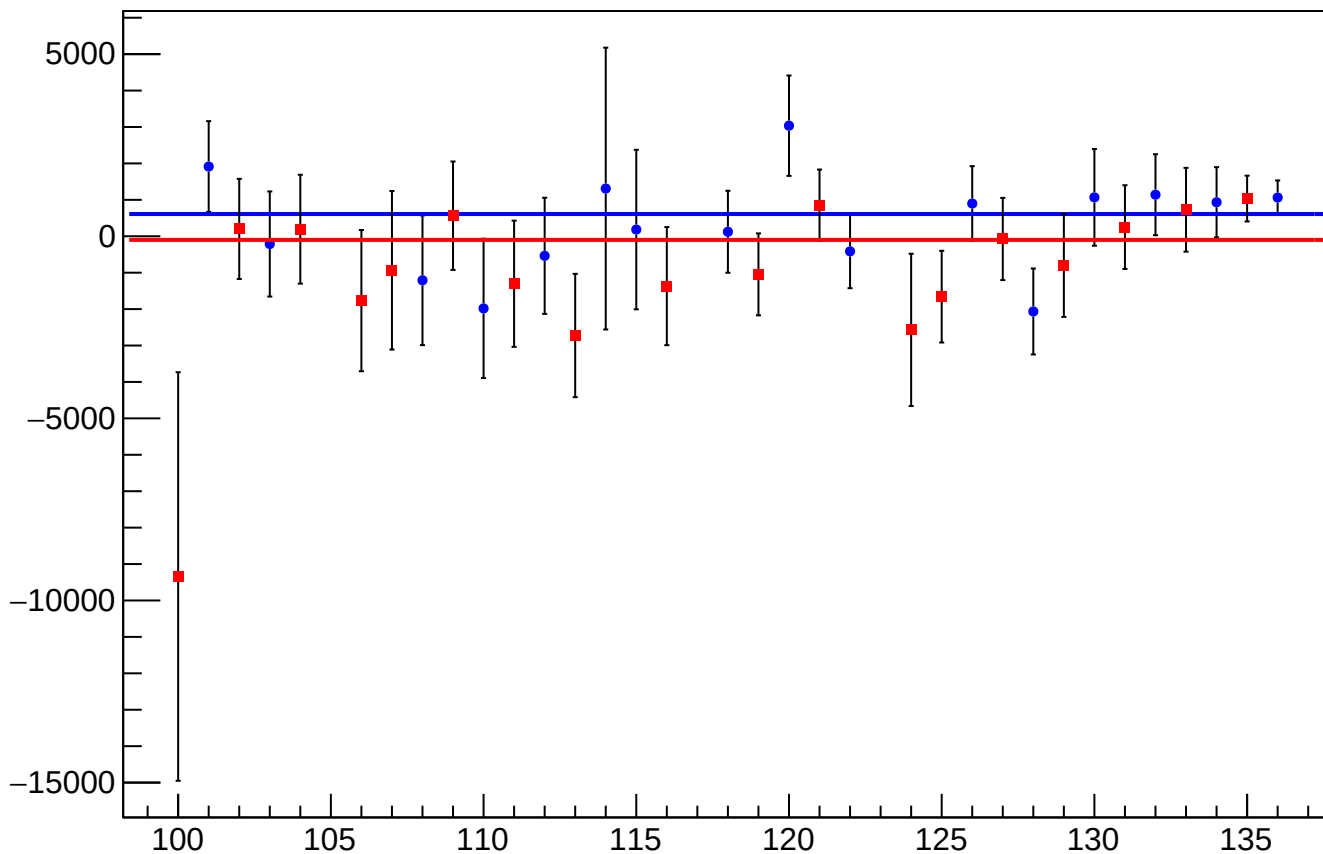
Right: 82.622+/-0.016 χ^2/NDF : 1352000.7/33

In: 81.218+/-0.022 χ^2/NDF : 662862.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.622+/-0.016 χ^2/NDF : 1352000.7/33

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: -99.258 $\pm$ 301.164 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

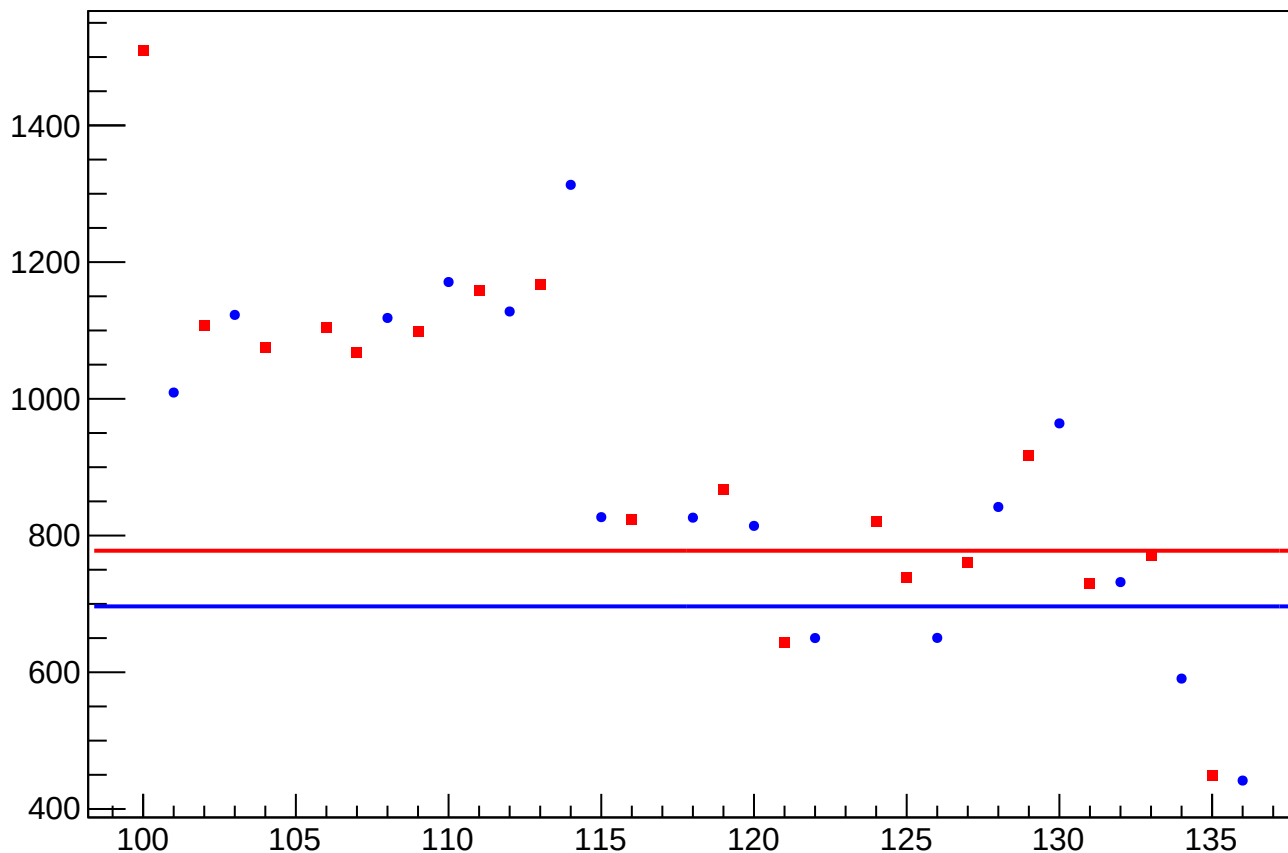
Right: 289.026 $\pm$ 202.664 χ^2 /NDF: 34.9/33

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: 289.026 $\pm$ 202.664 χ^2 /NDF: 34.9/33

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: 777.821+/-0.213 χ^2/NDF : 1240765.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

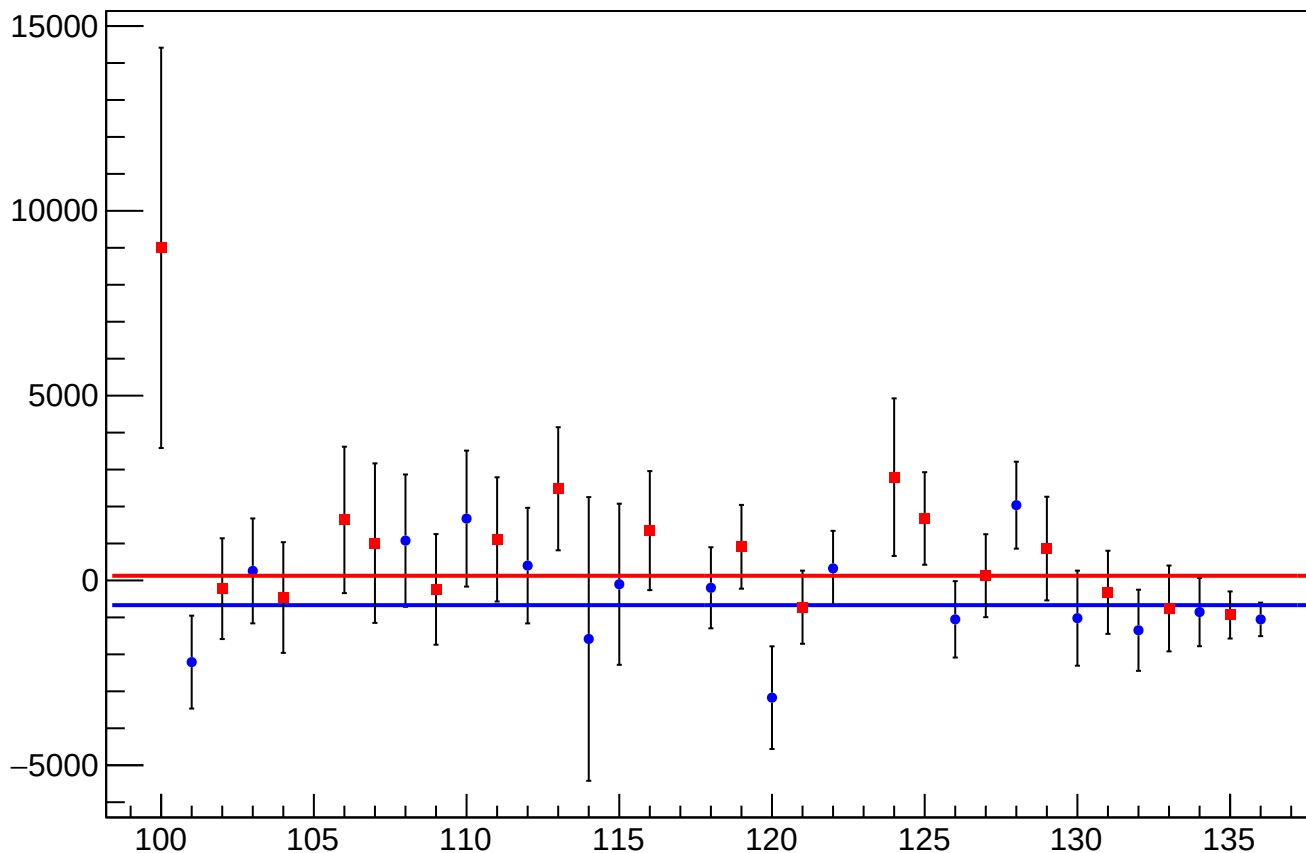
Right: 733.254+/-0.143 χ^2/NDF : 2836271.2/33

In: 696.370+/-0.194 χ^2/NDF : 1515461.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.254+/-0.143 χ^2/NDF : 2836271.2/33

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: 126.221+/-301.627 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

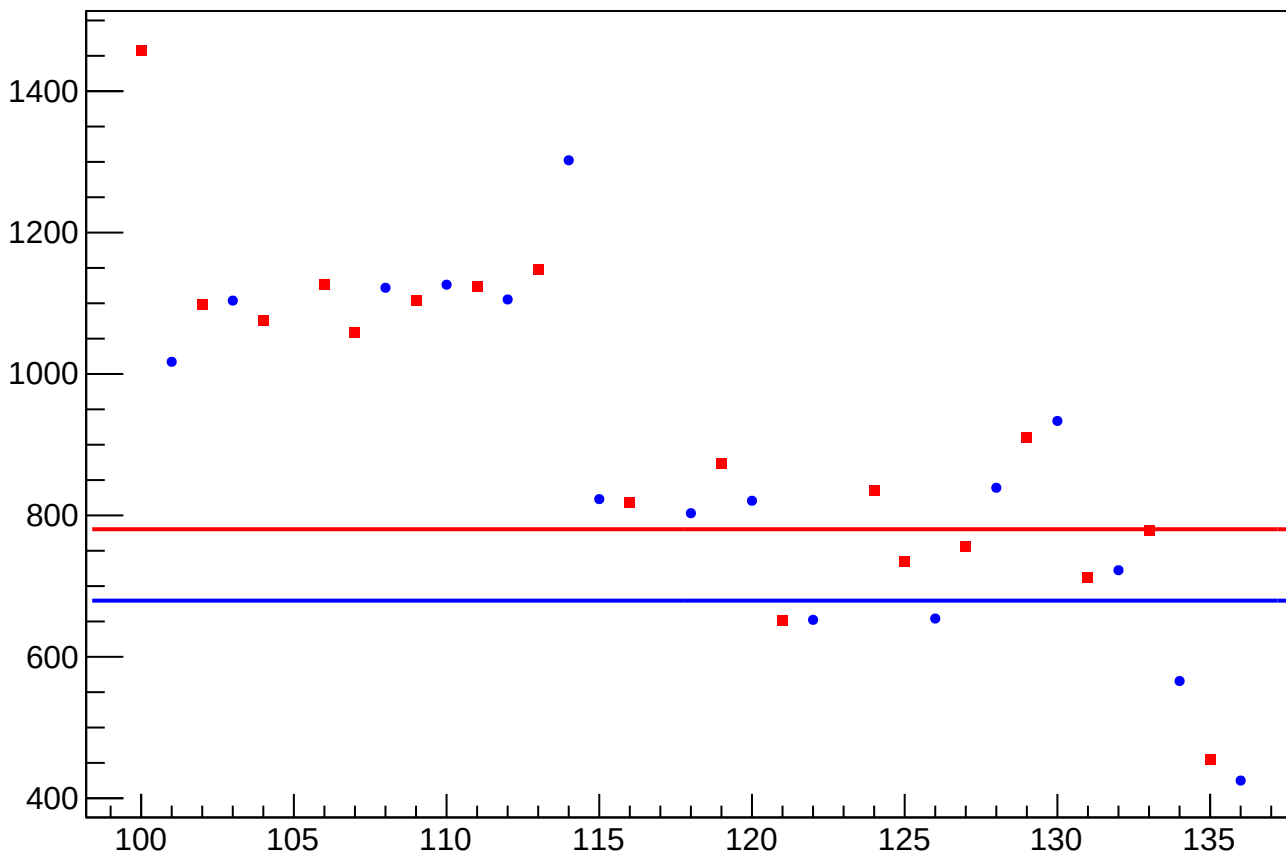
Right: -317.233+/-200.532 χ^2/NDF : 34.7/33

In: -668.503+/-268.452 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -317.233+/-200.532 χ^2/NDF : 34.7/33

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: 780.440+/-0.213 χ^2/NDF : 1186273.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

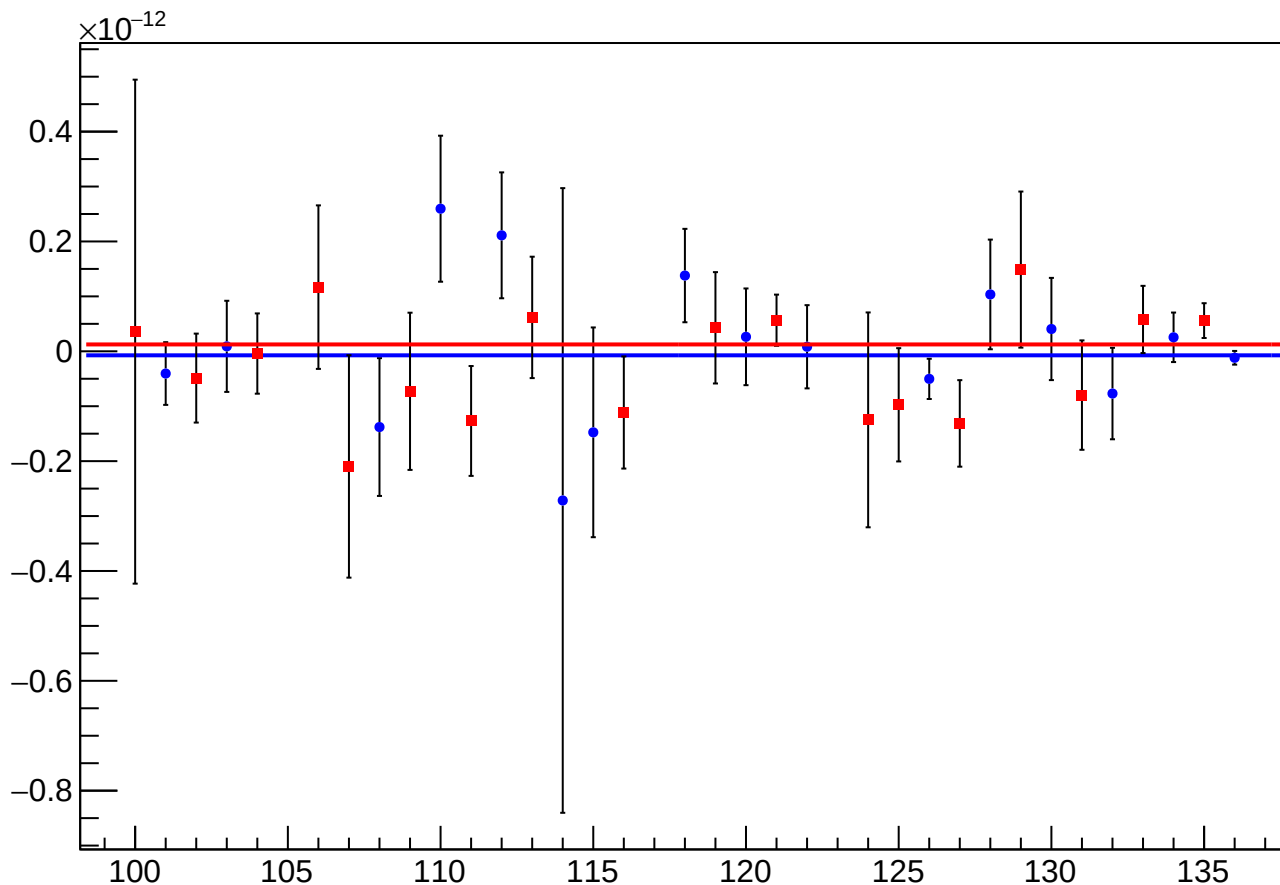
Right: 724.098+/-0.142 χ^2/NDF : 2912253.8/33

In: 679.469+/-0.190 χ^2/NDF : 1600922.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 724.098+/-0.142 χ^2/NDF : 2912253.8/33

asym_sam_15_26_dd_reg_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 : 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

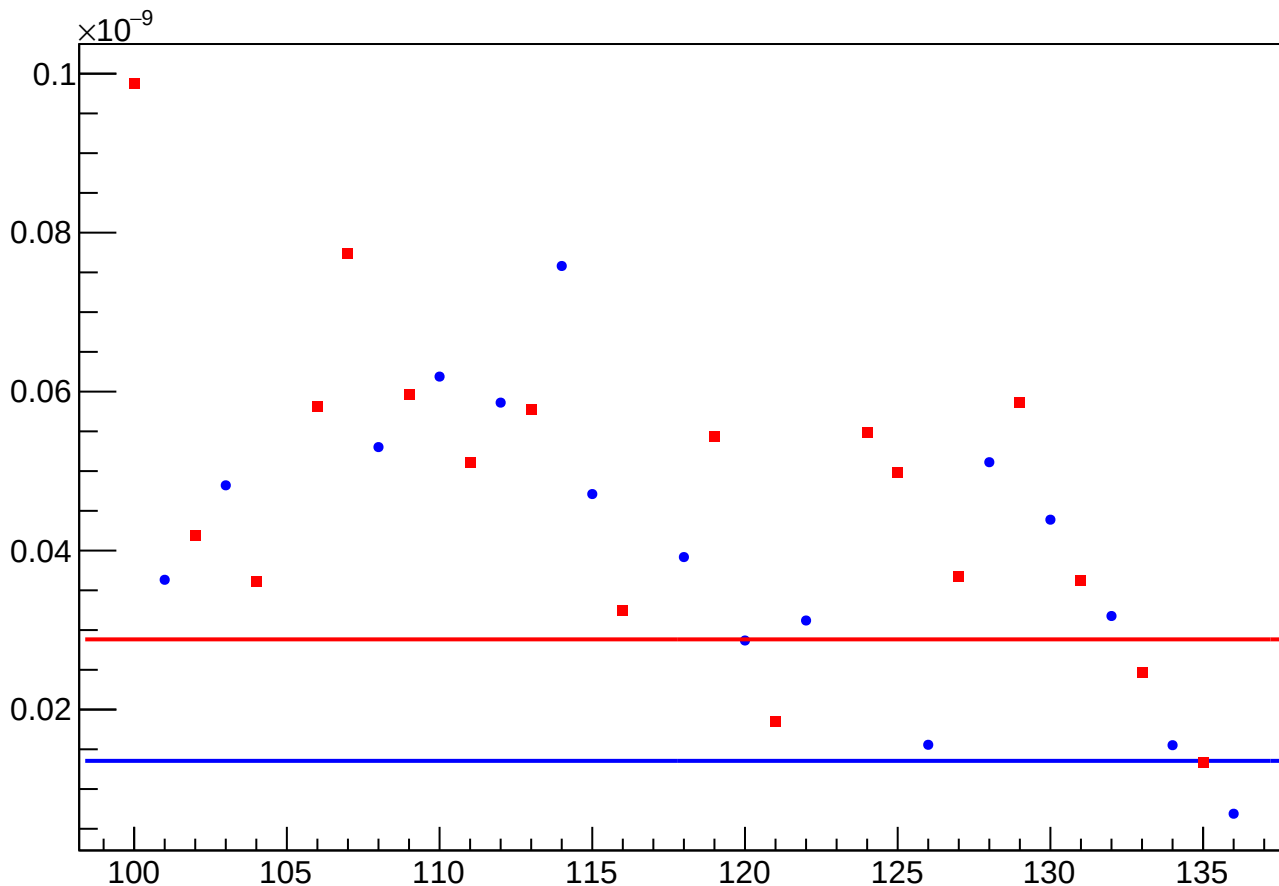
Right: -0.000+/-0.000 χ^2/NDF : 34.5/33

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 : 34.5/33

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 : 1591949.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

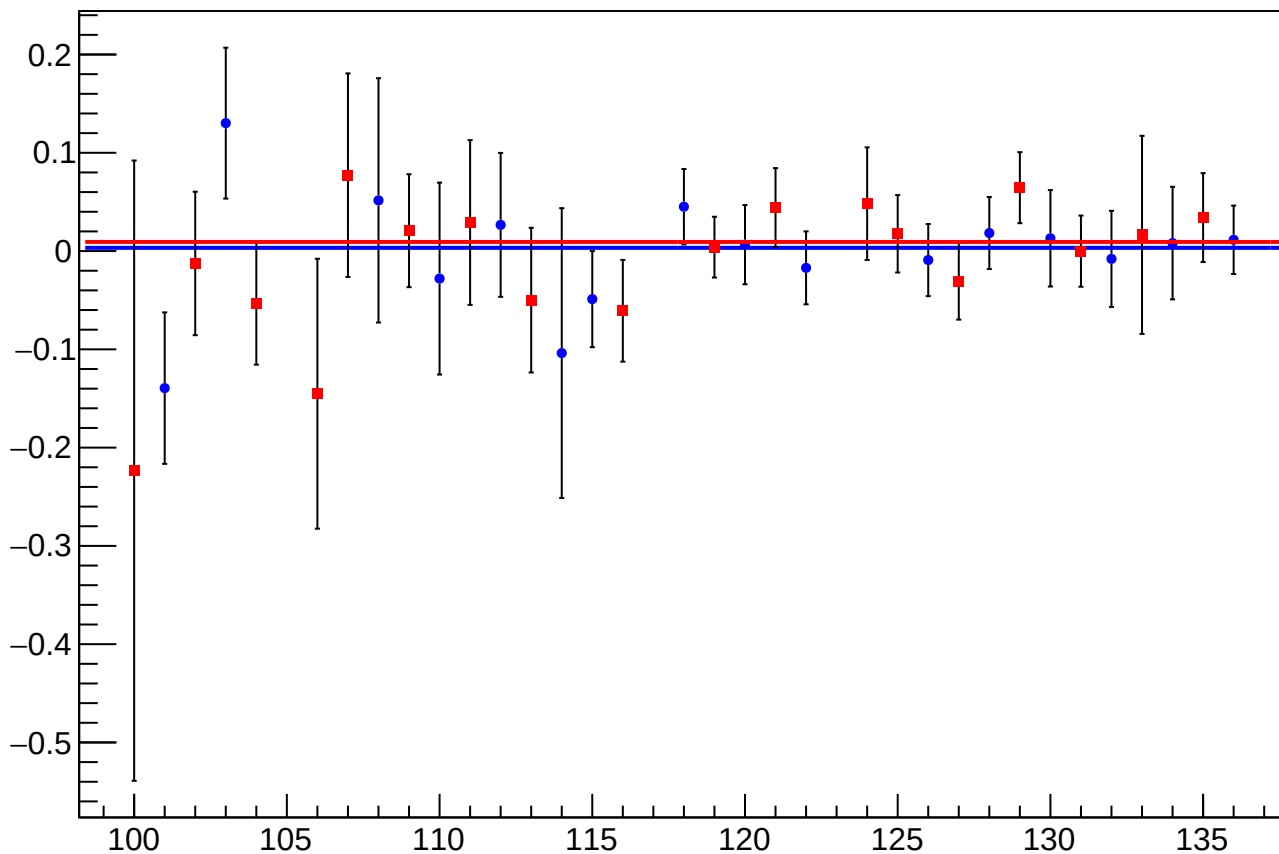
Right: 0.000+/-0.000 χ^2/NDF : 5690974.2/33

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 : 5690974.2/33

asym_sam_15_26_dd_dit_vs_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: 0.009+/-0.012 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

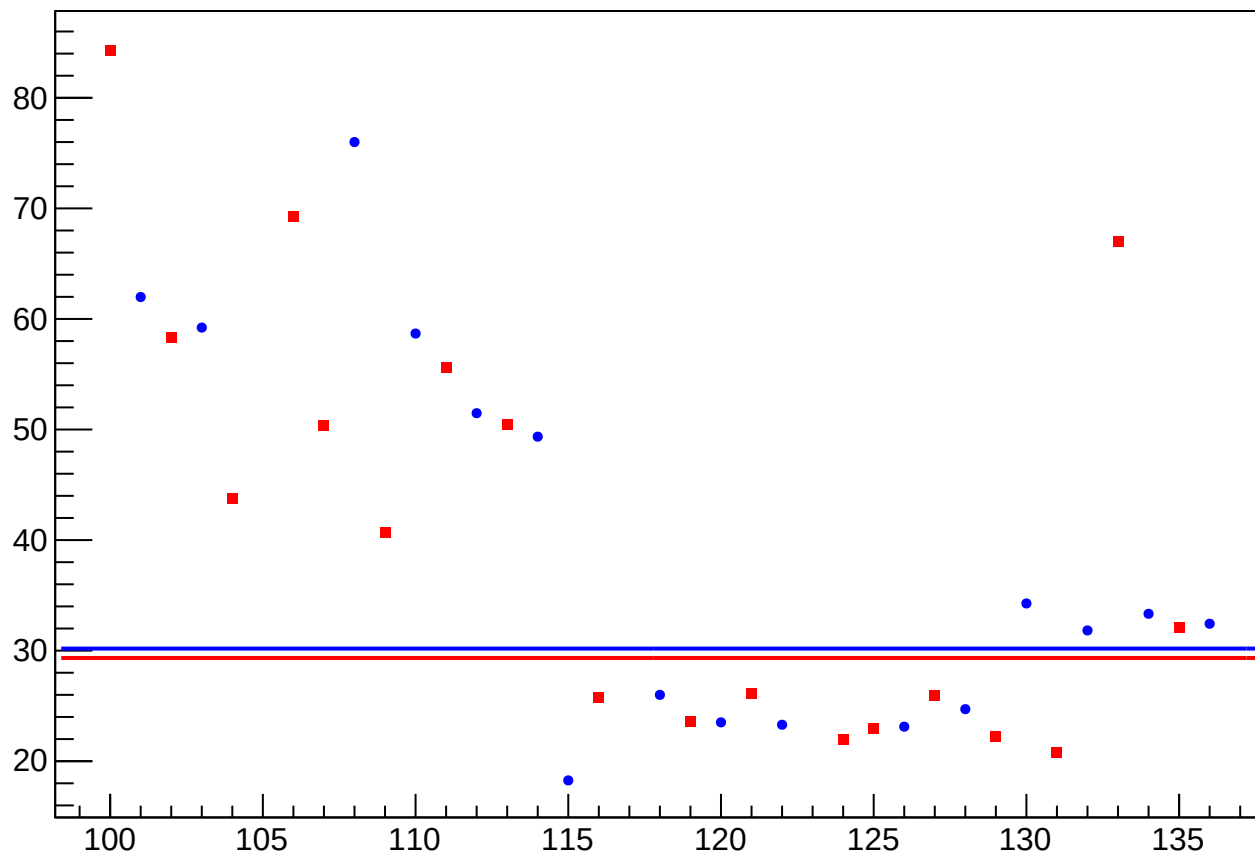
Right: 0.006+/-0.009 χ^2/NDF : 21.2/33

In: 0.003+/-0.012 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.009 χ^2/NDF : 21.2/33

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: 29.337+/-0.008 χ^2/NDF : 1841088.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

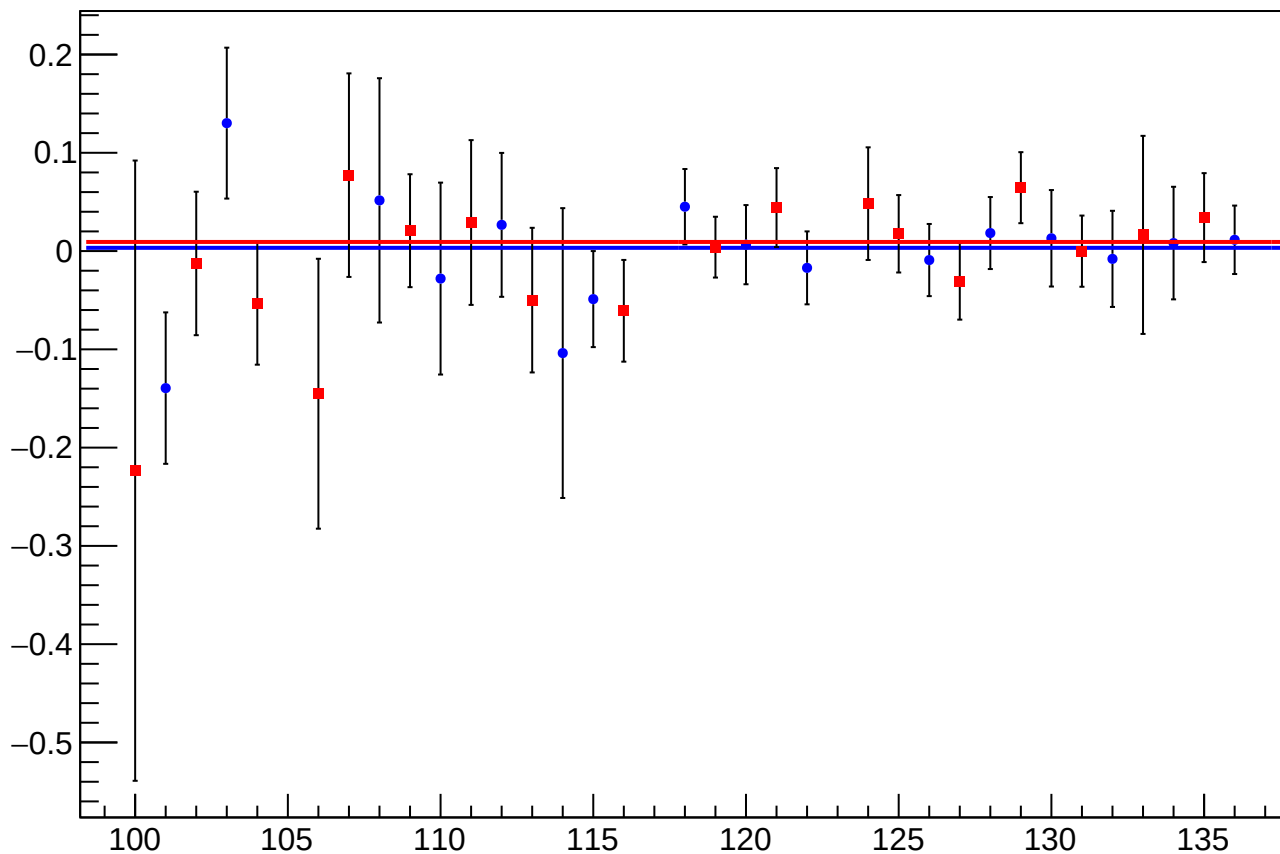
Right: 29.751+/-0.006 χ^2/NDF : 3533377.1/33

In: 30.187+/-0.009 χ^2/NDF :1687373.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.751+/-0.006 χ^2/NDF : 3533377.1/33

asym_sam_15_26_dd_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: 0.009 $\pm$ 0.012 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

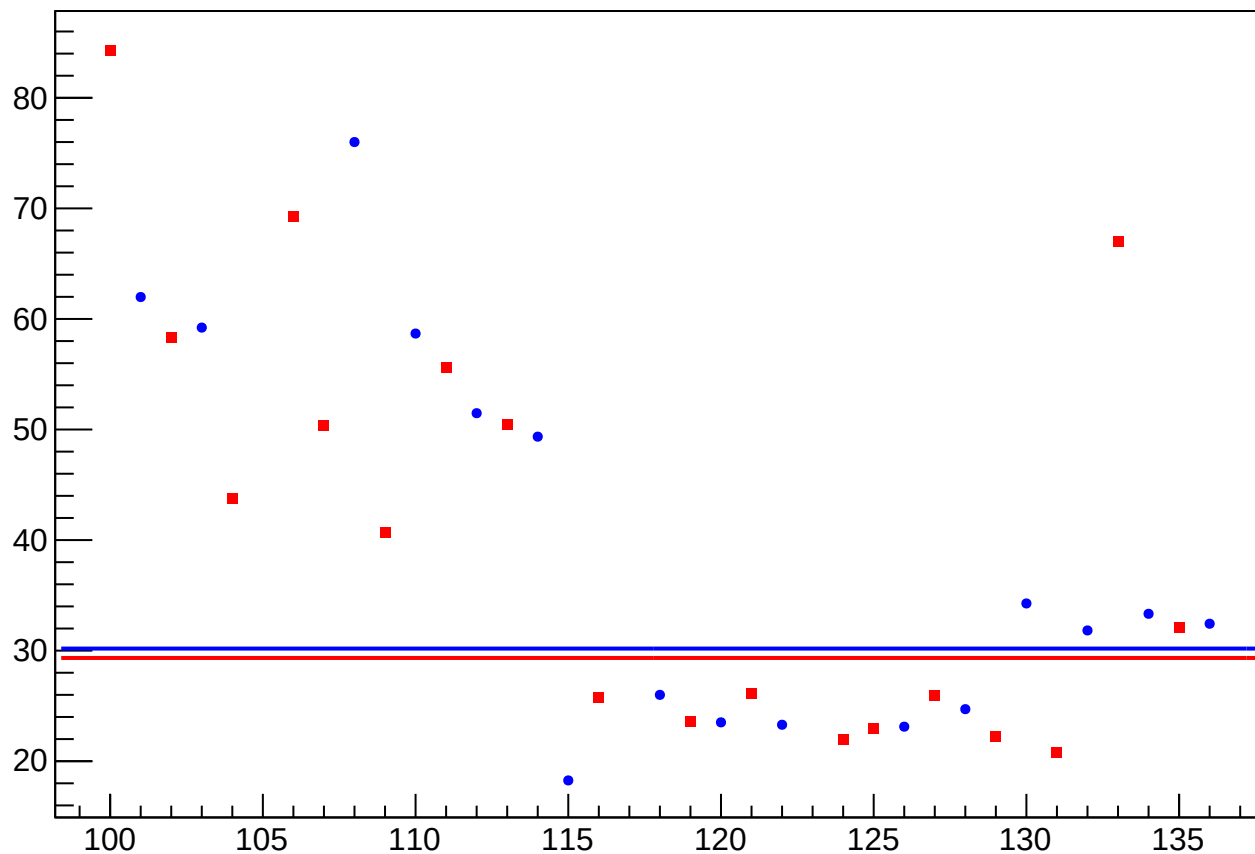
Right: 0.006 $\pm$ 0.009 χ^2 /NDF: 21.2/33

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: 0.006 $\pm$ 0.009 χ^2 /NDF: 21.2/33

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: 29.337+/-0.008 χ^2/NDF : 1841088.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

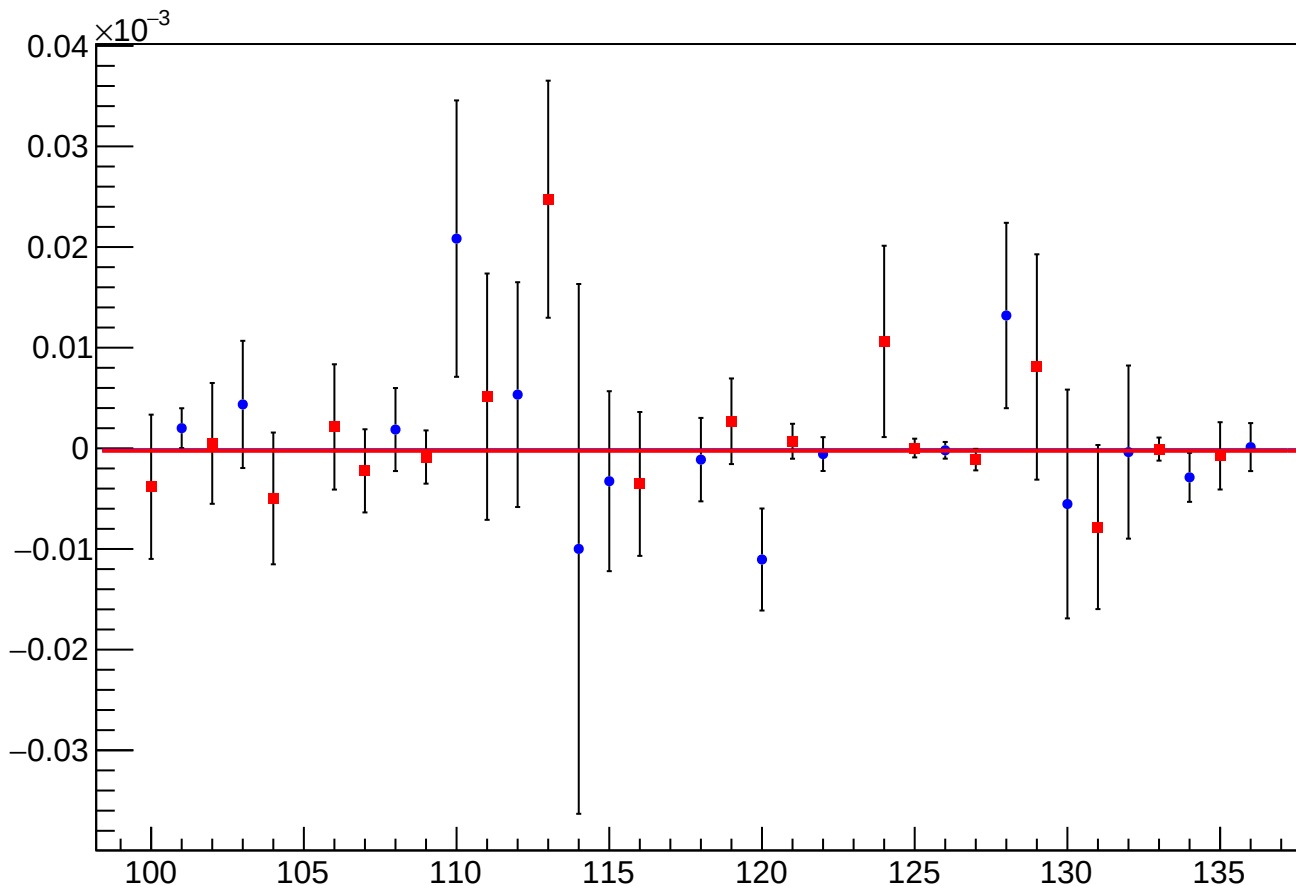
Right: 29.751+/-0.006 χ^2/NDF : 3533377.1/33

In: 30.187+/-0.009 χ^2/NDF :1687373.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 29.751+/-0.006 χ^2/NDF : 3533377.1/33

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug, Sign Corrected



Right In: -0.000+/-0.000 χ^2/NDF : 13.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 10.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

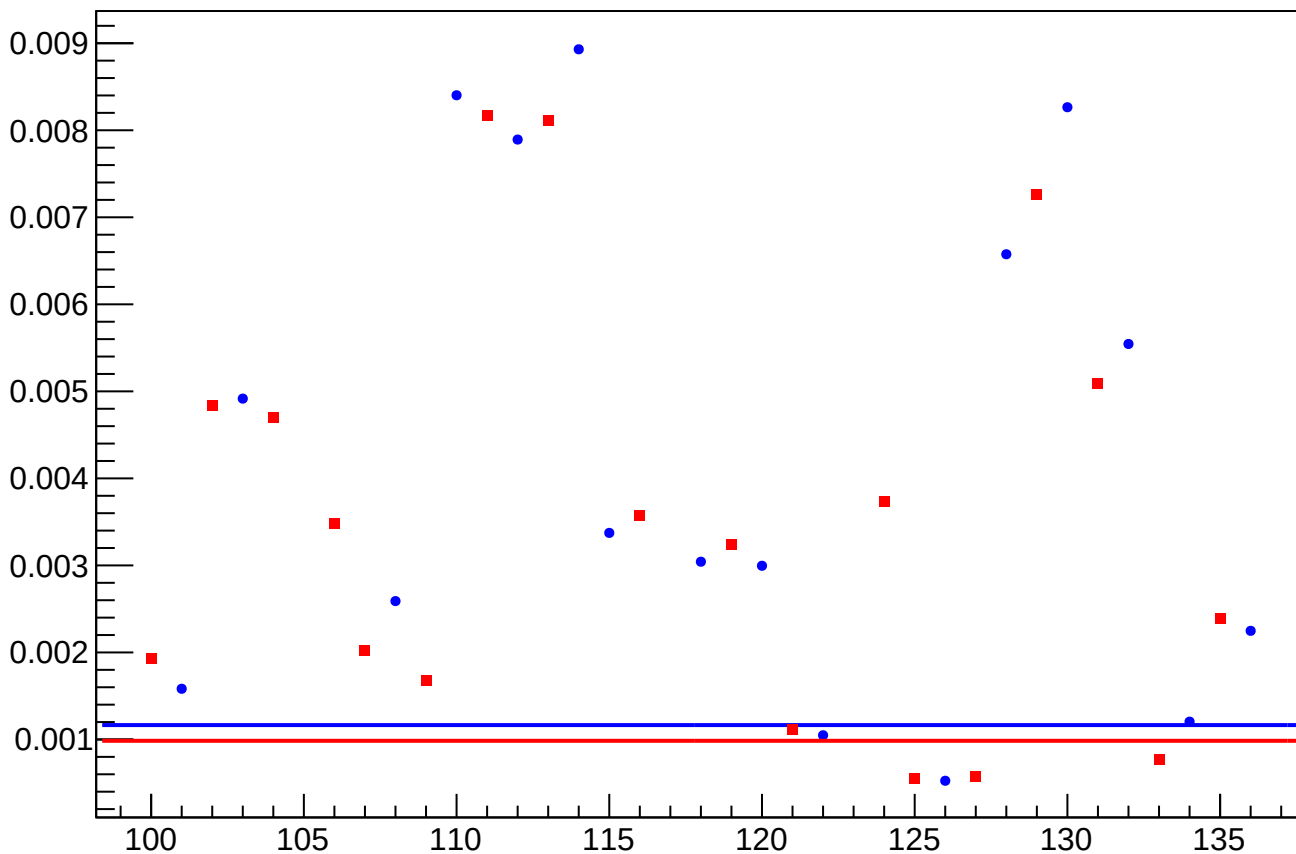
Right: -0.000+/-0.000 χ^2/NDF : 23.5/33

In: -0.000+/-0.000 χ^2/NDF : 13.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 23.5/33

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 : 6798556.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

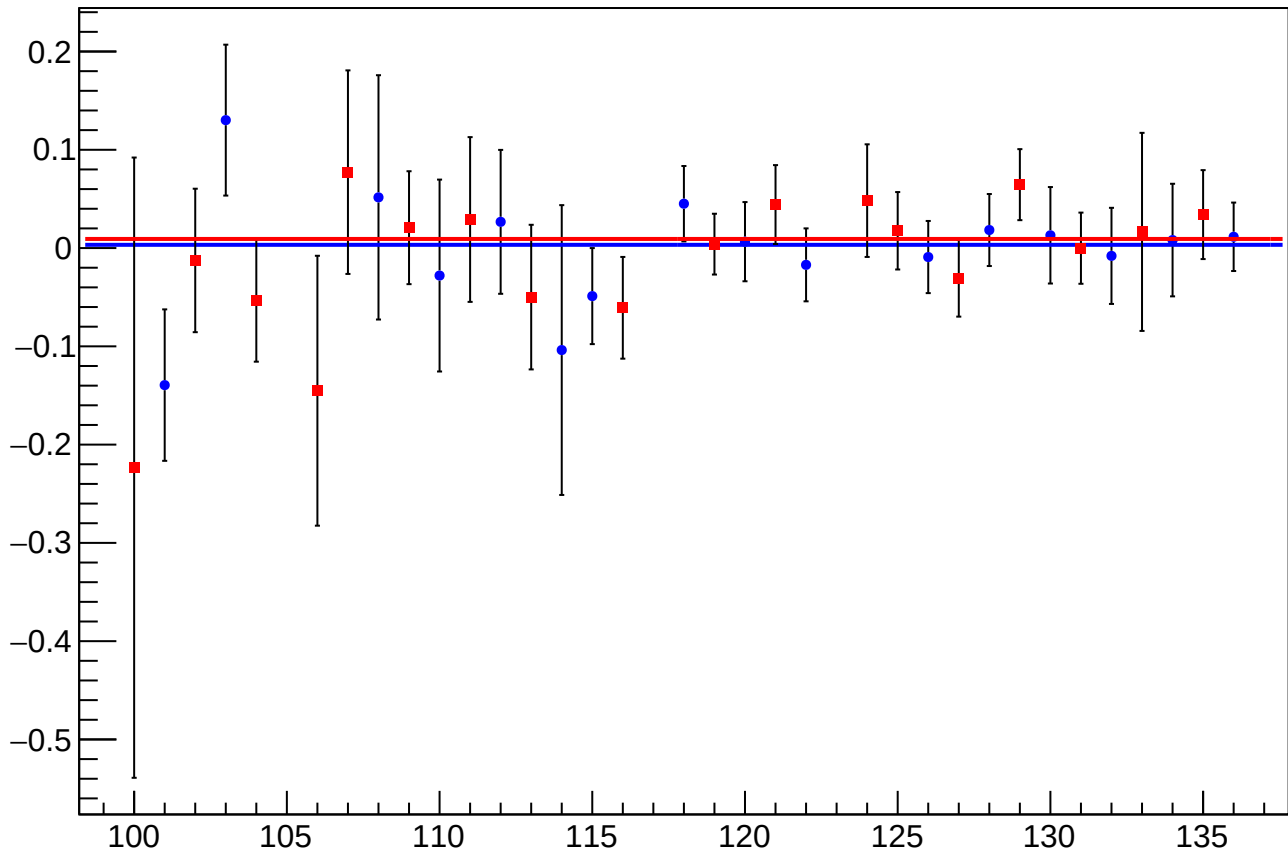
Right: 0.001+/-0.000 χ^2/NDF : 13780178.0/33

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 : 13780178.0/33

asym_sam_15_26_dd_eigen_dit_vs_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: 0.009+/-0.012 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

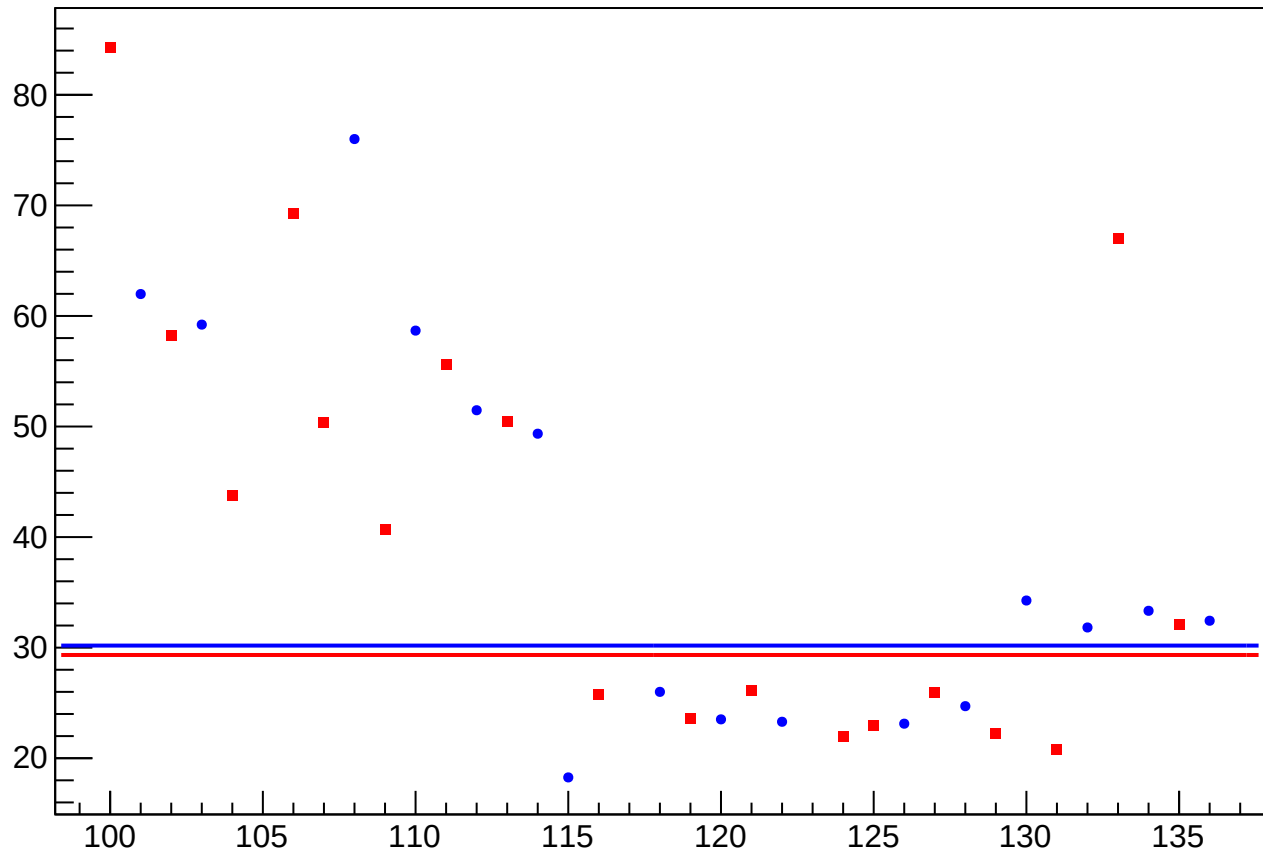
Right: 0.006+/-0.009 χ^2/NDF : 21.2/33

In: 0.003+/-0.012 χ^2/NDF : 10.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.009 χ^2/NDF : 21.2/33

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: 29.336+/-0.008 χ^2/NDF : 1841084.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

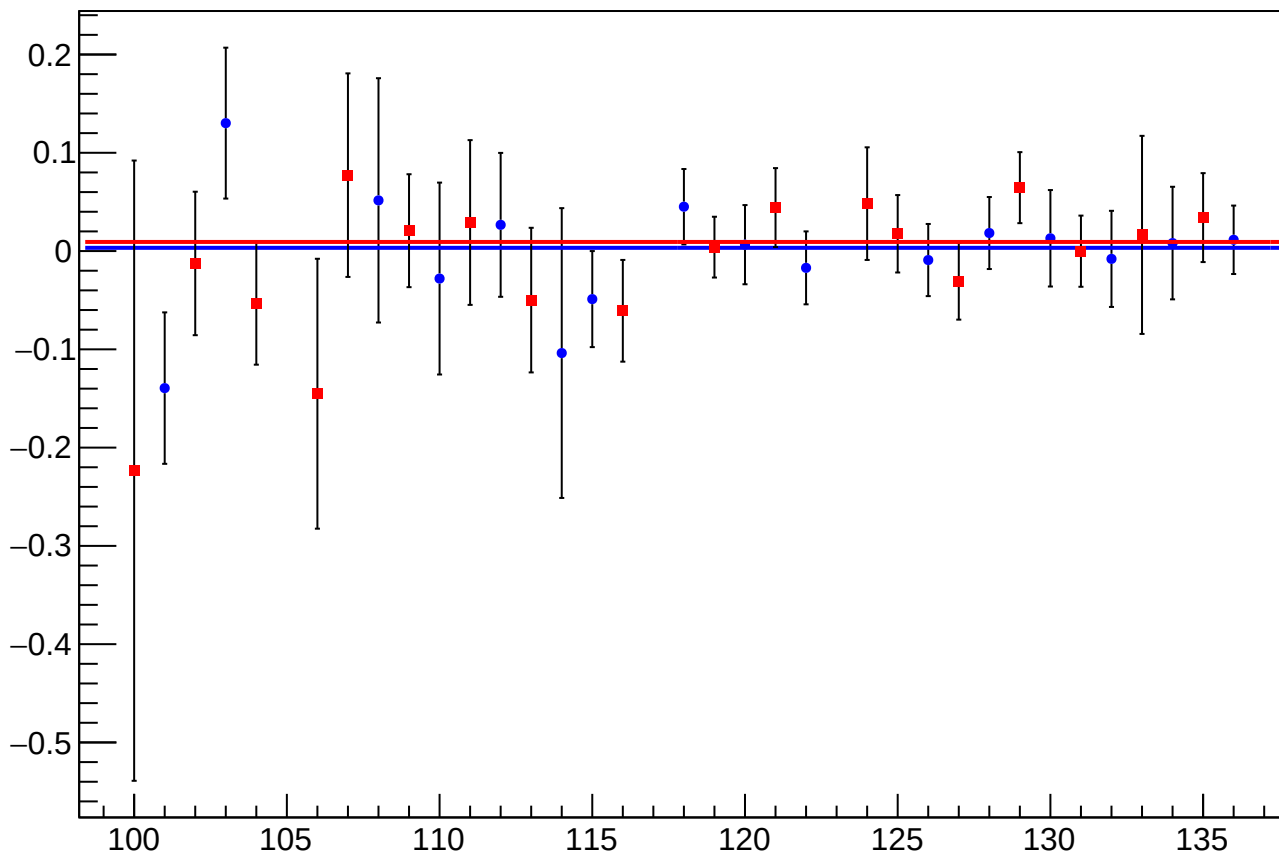
Right: 29.750+/-0.006 χ^2/NDF : 3533195.1/33

In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.750+/-0.006 χ^2/NDF : 3533195.1/33

asym_sam_15_26_dd_eigen_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: 0.009+/-0.012 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

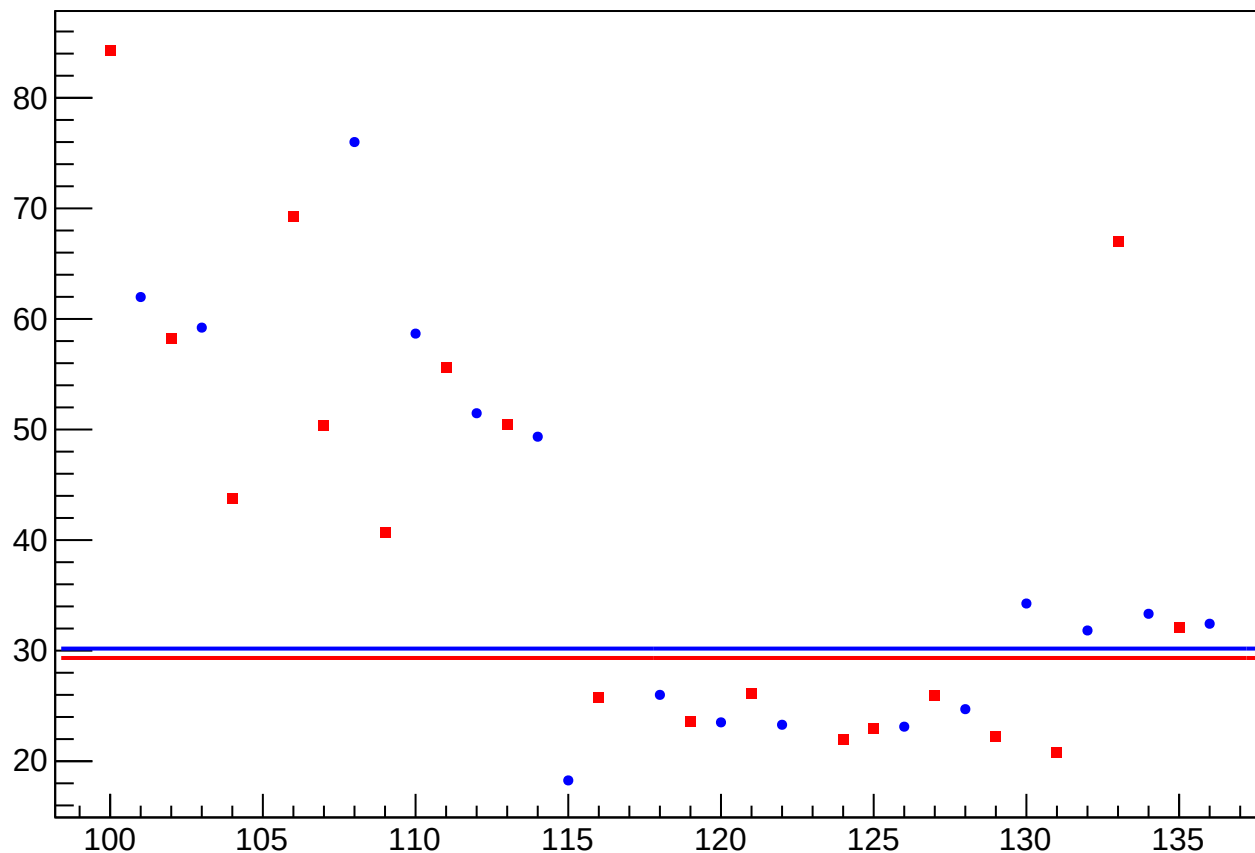
Right: 0.006+/-0.009 χ^2/NDF : 21.2/33

In: 0.003+/-0.012 χ^2/NDF :10.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.006+/-0.009 χ^2/NDF : 21.2/33

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: 29.336+/-0.008 χ^2/NDF : 1841084.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

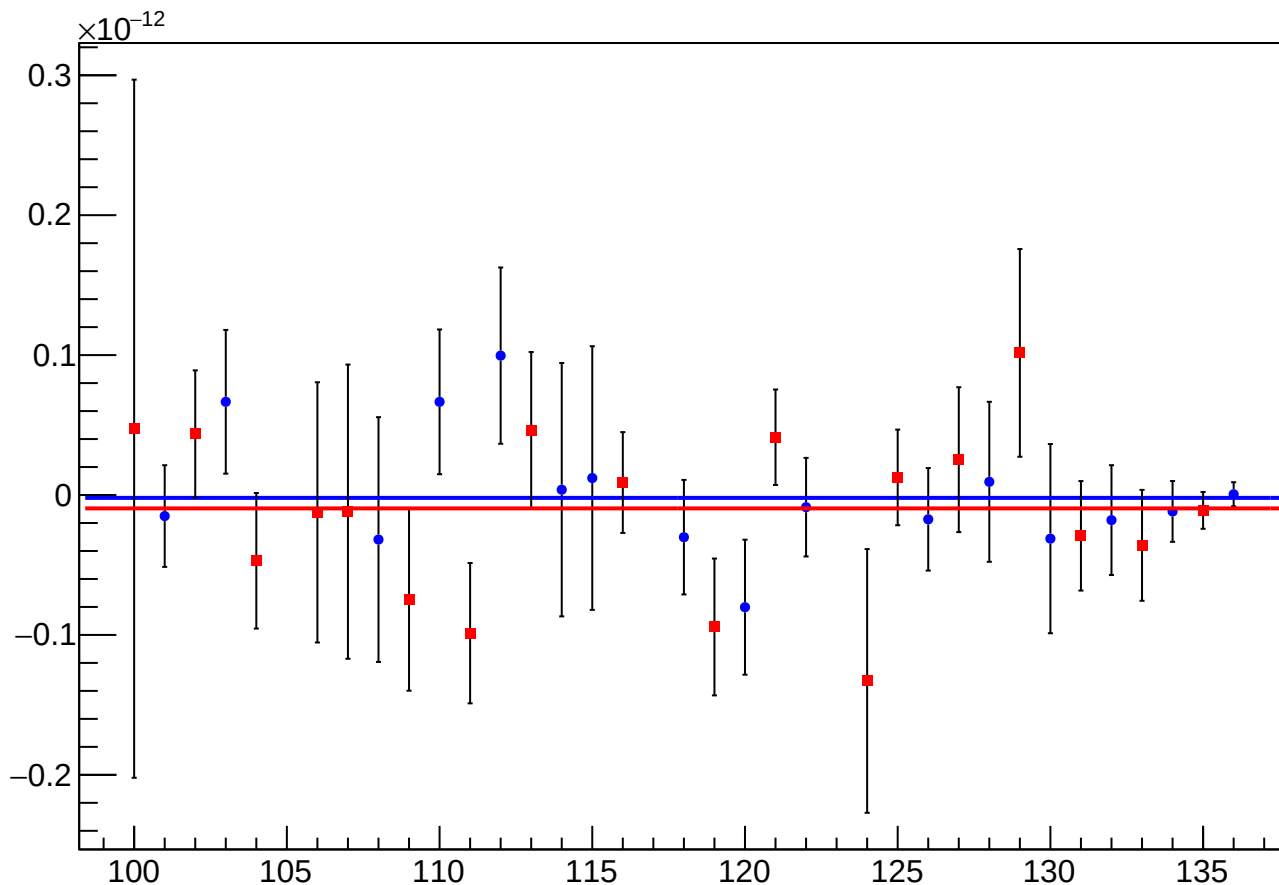
Right: 29.750+/-0.006 χ^2/NDF : 3533195.1/33

In: 30.187+/-0.009 χ^2/NDF : 1687188.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.750+/-0.006 χ^2/NDF : 3533195.1/33

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 : 18.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

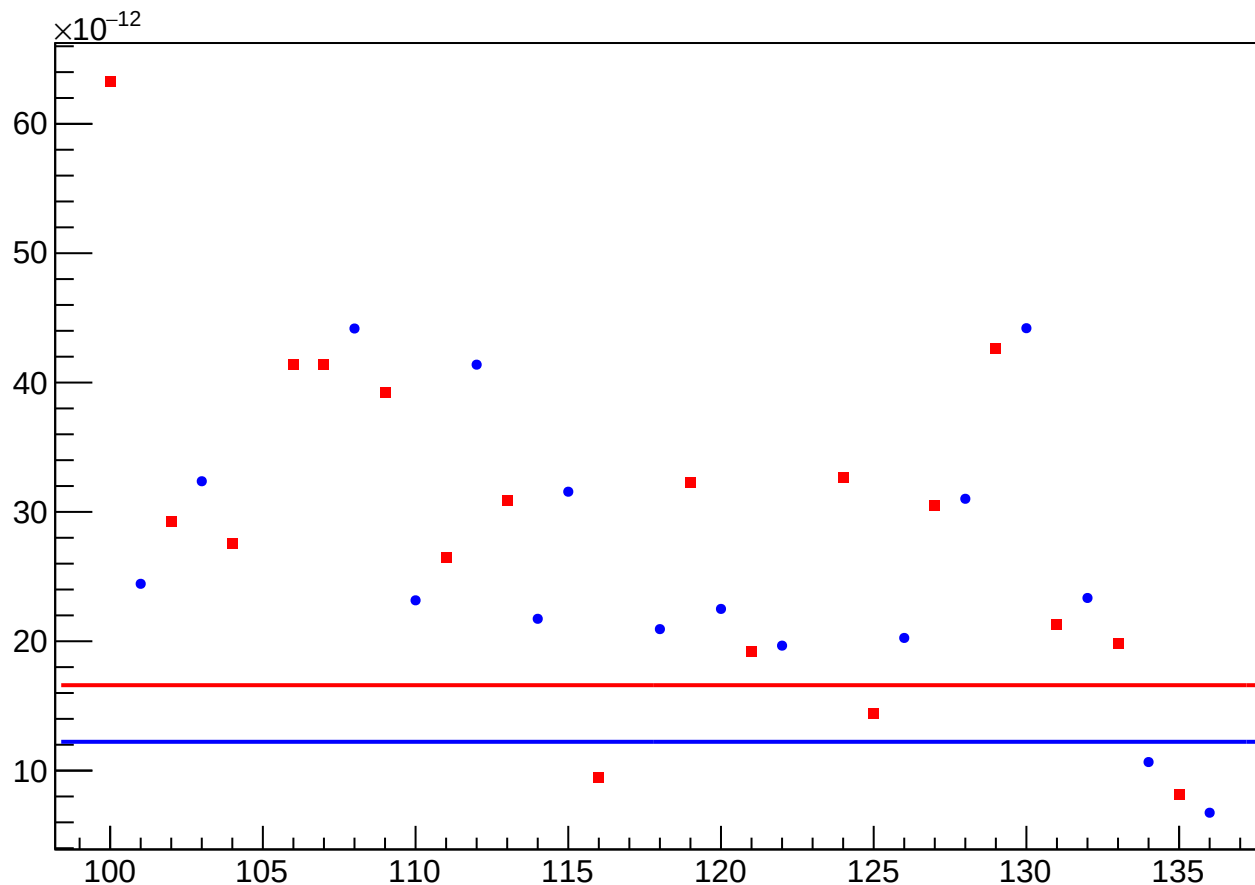
Right: -0.000+/-0.000 χ^2/NDF : 29.1/33

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 : 29.1/33

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 : 2648211.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

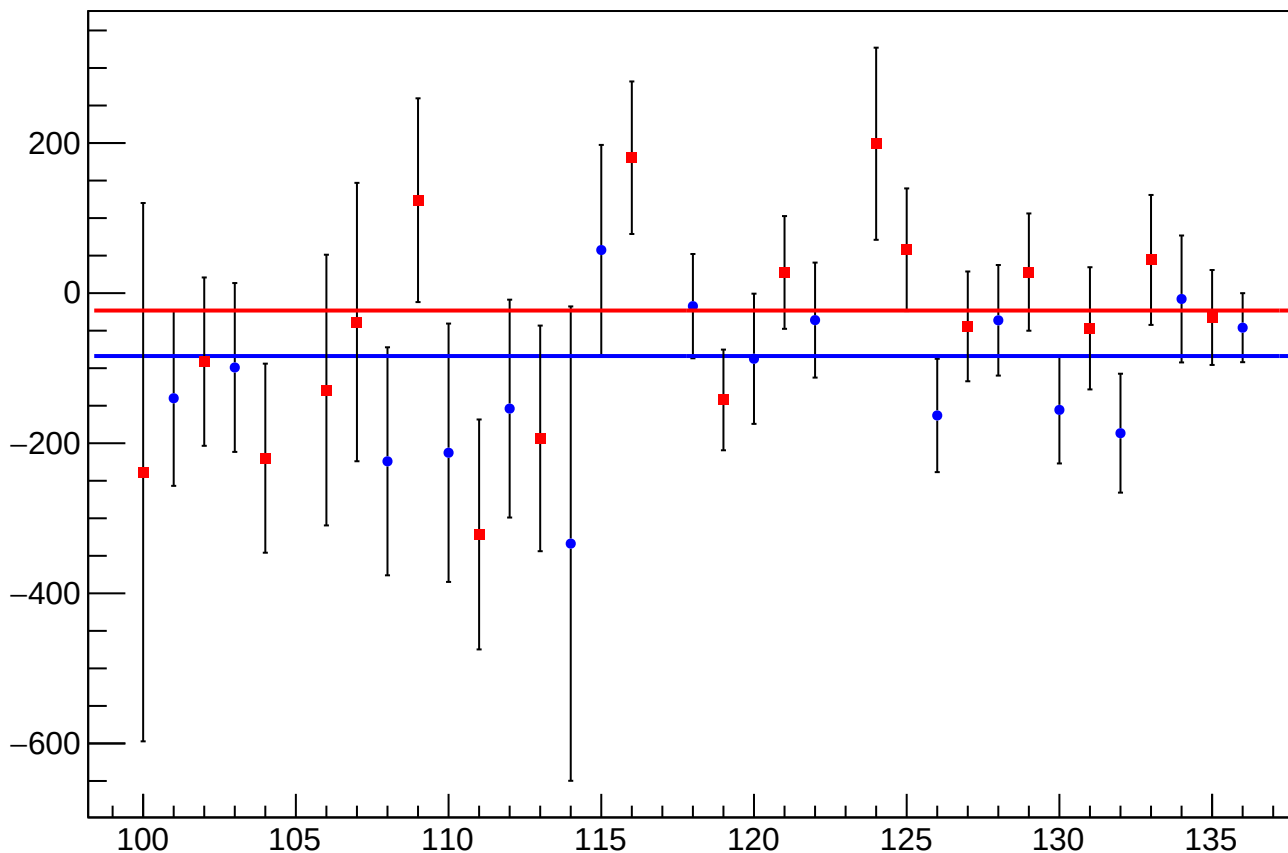
Right: 0.000+/-0.000 χ^2/NDF : 6392255.7/33

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 : 6392255.7/33

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: -23.176 ± 22.683 χ^2/NDF : 22.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

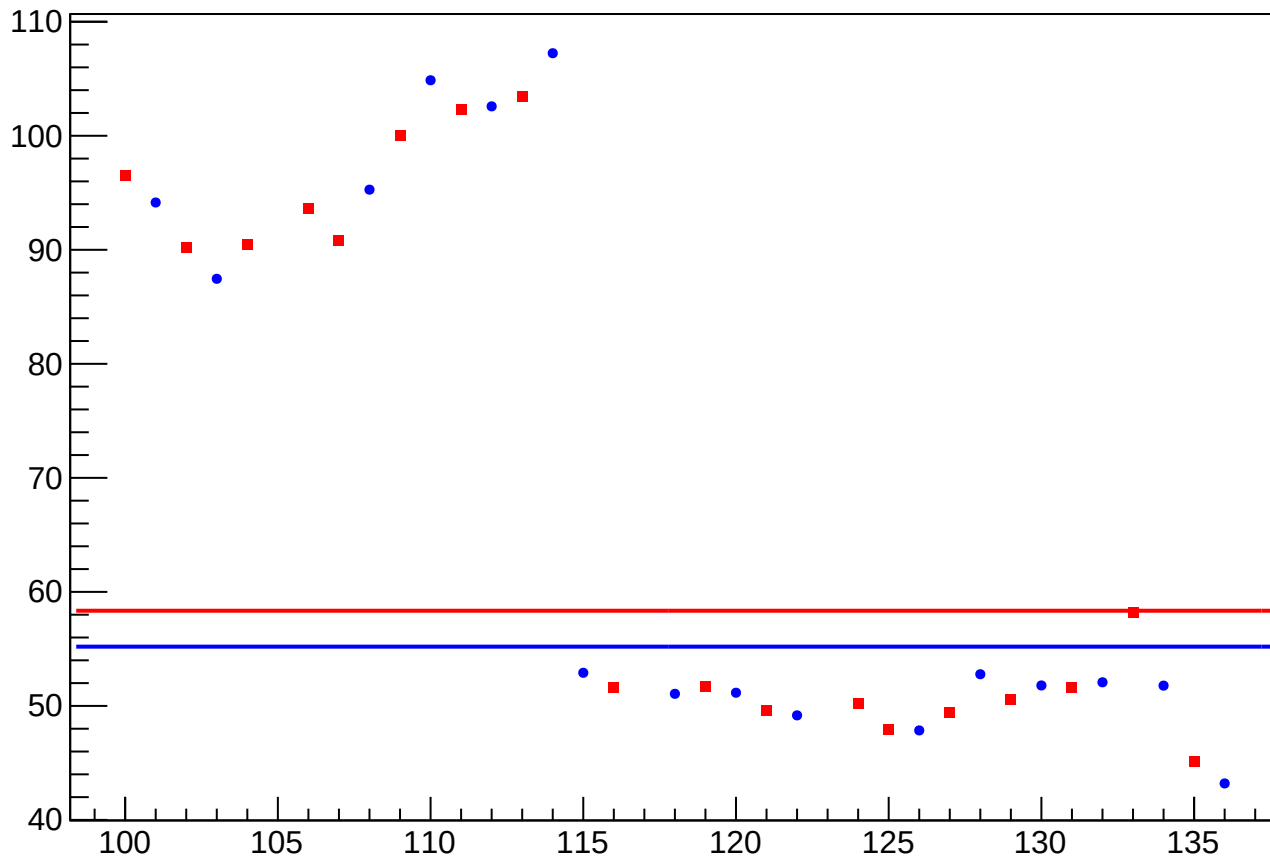
Right: -55.207 ± 15.579 χ^2/NDF : 36.9/33

In: -83.808 ± 21.434 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.207 ± 15.579 χ^2/NDF : 36.9/33

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: 58.348+/-0.016 χ^2/NDF : 1231949.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

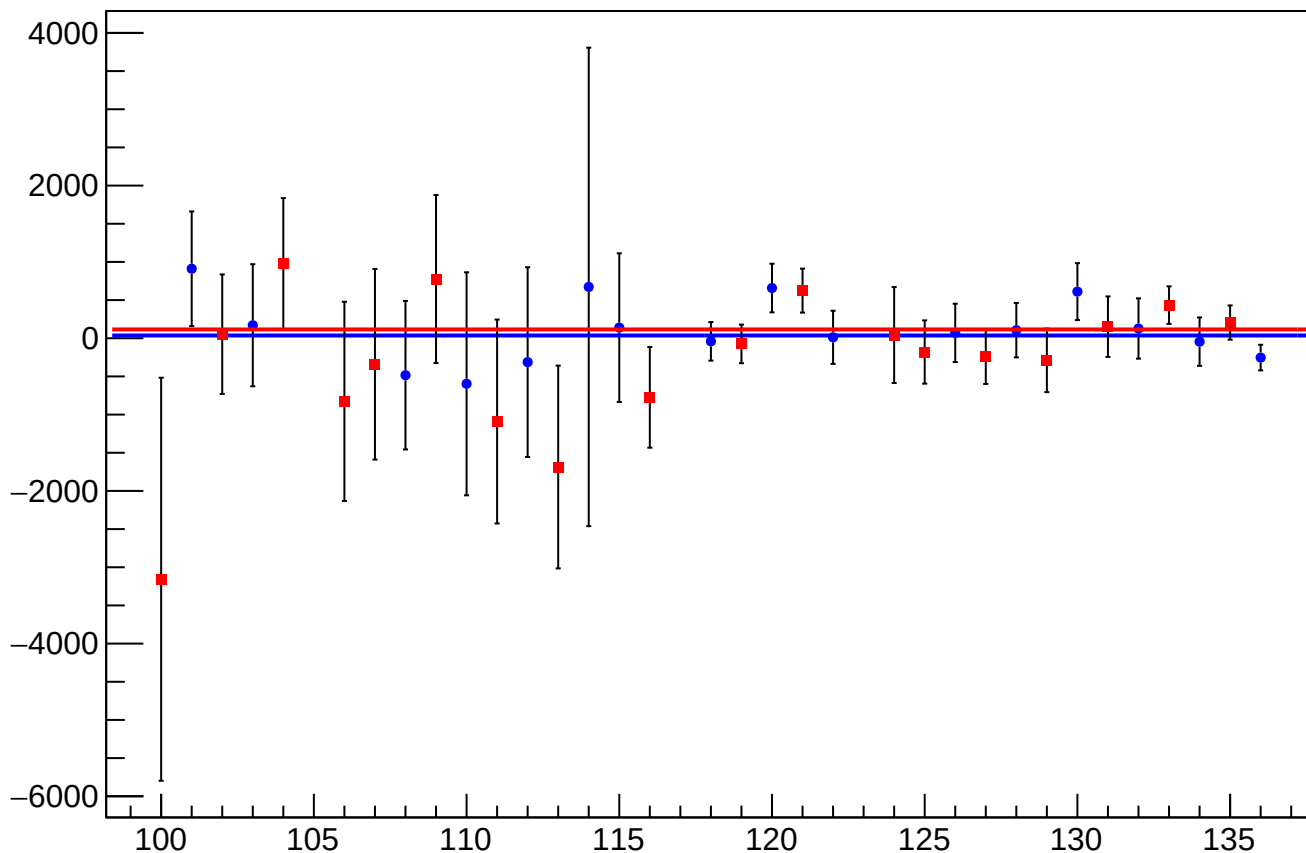
Right: 56.684+/-0.011 χ^2/NDF : 2404914.4/33

In: 55.198+/-0.015 χ^2/NDF : 1152581.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.684+/-0.011 χ^2/NDF : 2404914.4/33

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: 115.413+/-99.509 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

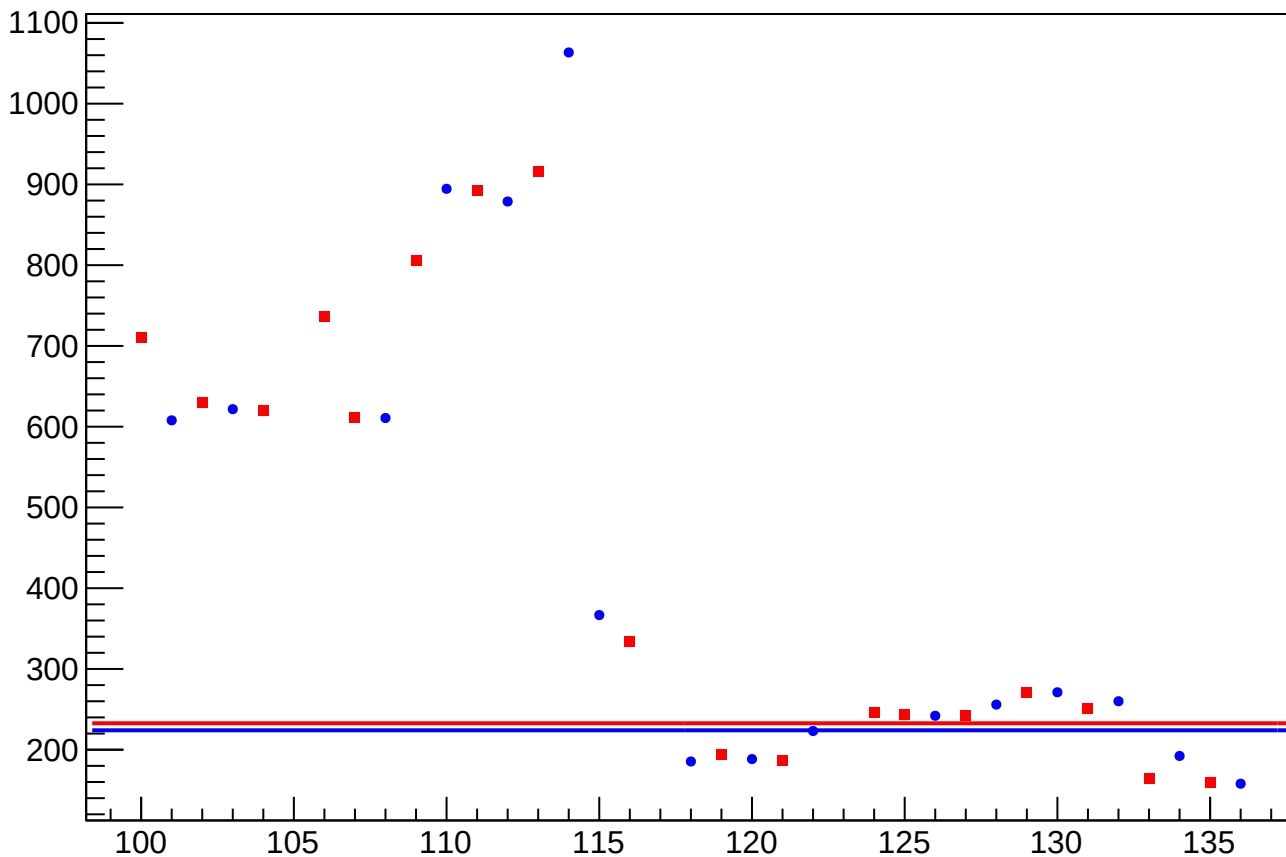
Right: 73.437+/-68.164 χ^2/NDF : 27.7/33

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.437+/-68.164 χ^2/NDF : 27.7/33

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: 232.732+/-0.070 χ^2/NDF : 3562958.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

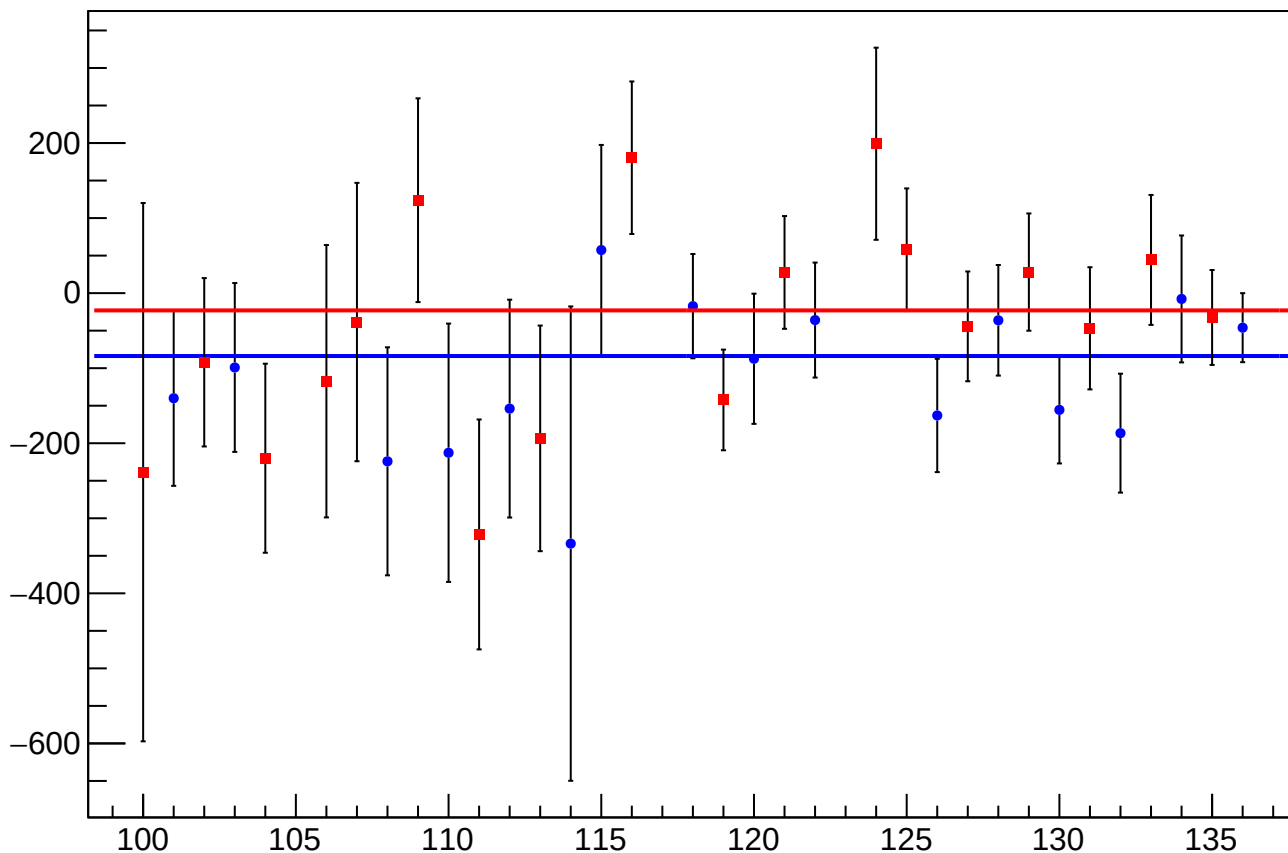
Right: 228.119+/-0.048 χ^2/NDF : 6539108.8/33

In: 224.042+/-0.066 χ^2/NDF : 2968054.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 228.119+/-0.048 χ^2/NDF : 6539108.8/33

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: -23.007 ± 22.686 χ^2/NDF : 22.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

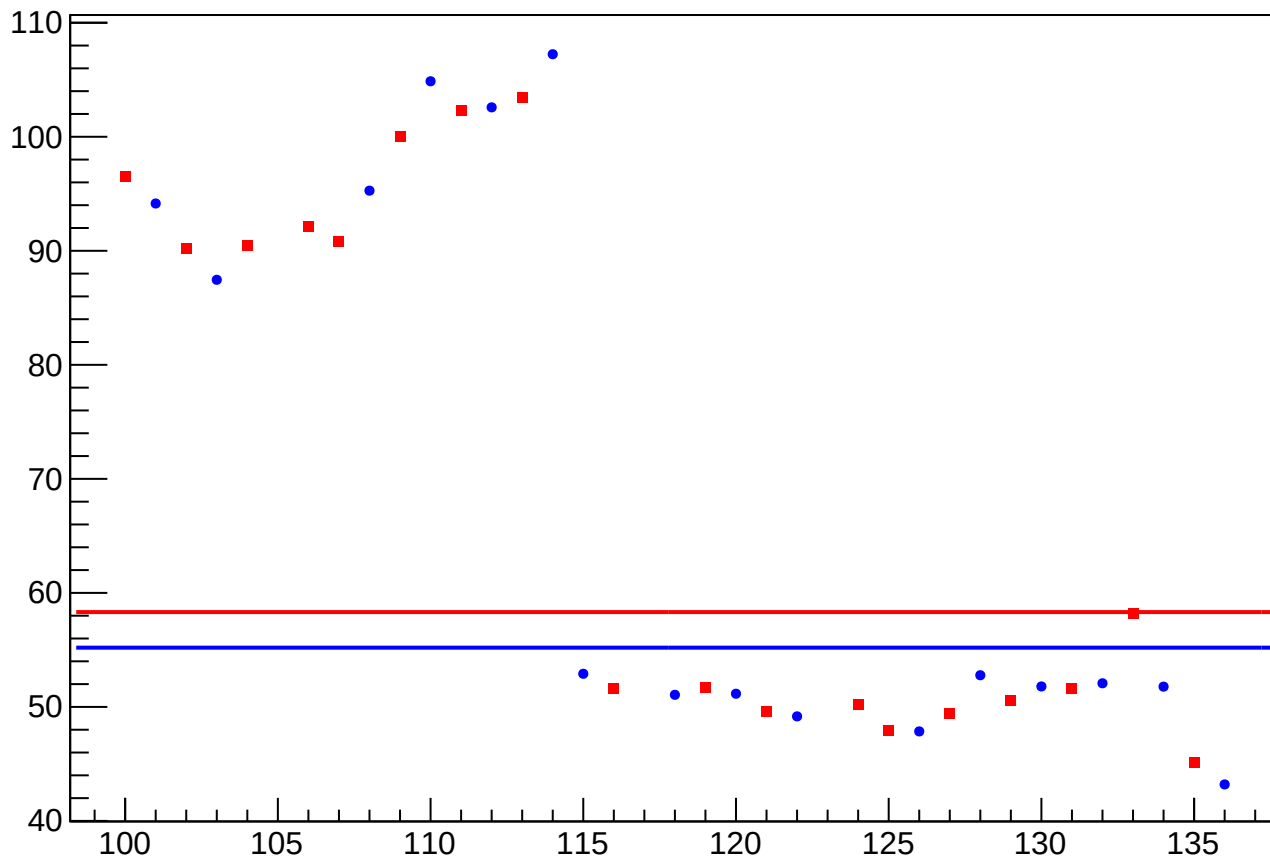
Right: -55.129 ± 15.580 χ^2/NDF : 36.9/33

In: -83.805 ± 21.434 χ^2/NDF : 10.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.129 ± 15.580 χ^2/NDF : 36.9/33

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: 58.318+/-0.016 χ^2/NDF : 1224739.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

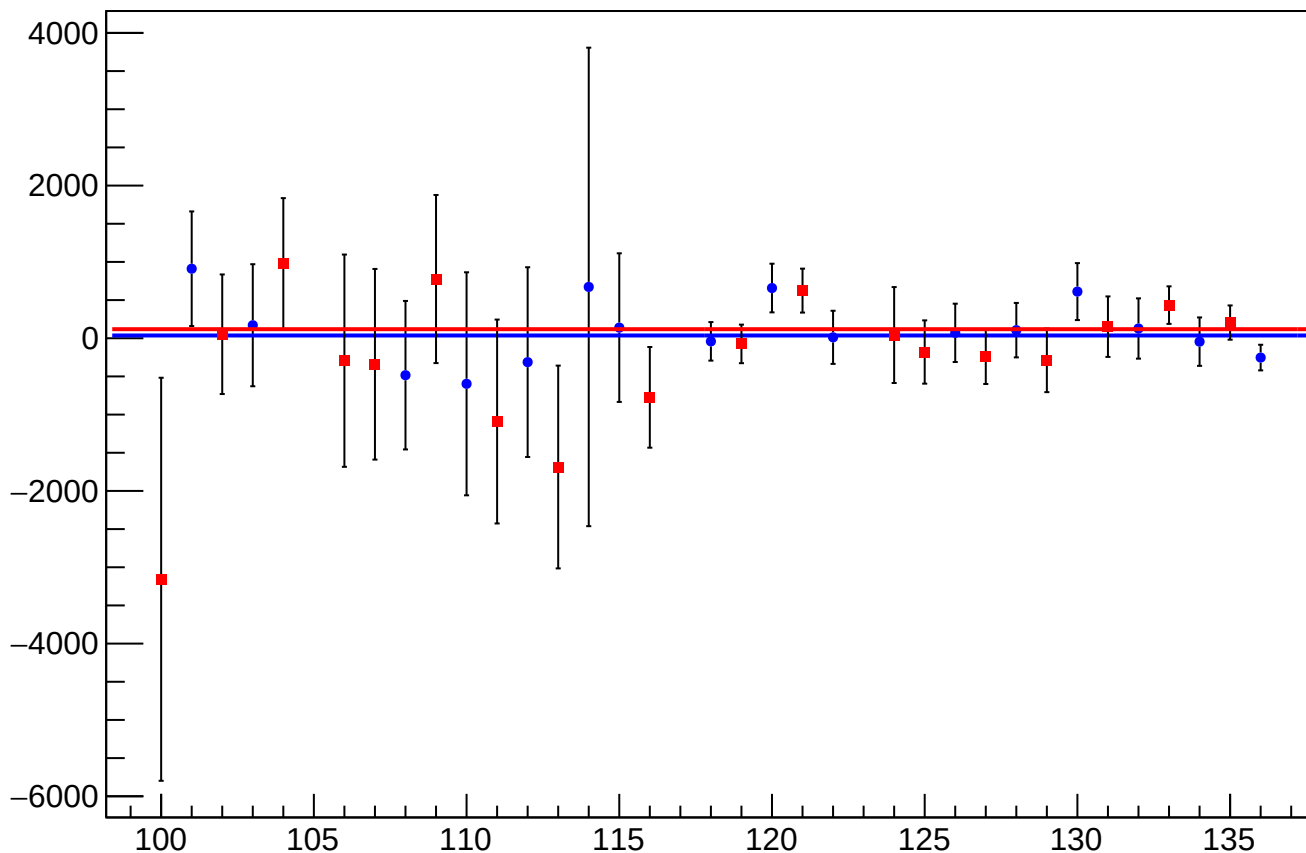
Right: 56.669+/-0.011 χ^2/NDF : 2397312.0/33

In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.669+/-0.011 χ^2/NDF : 2397312.0/33

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: 118.778+/-99.545 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

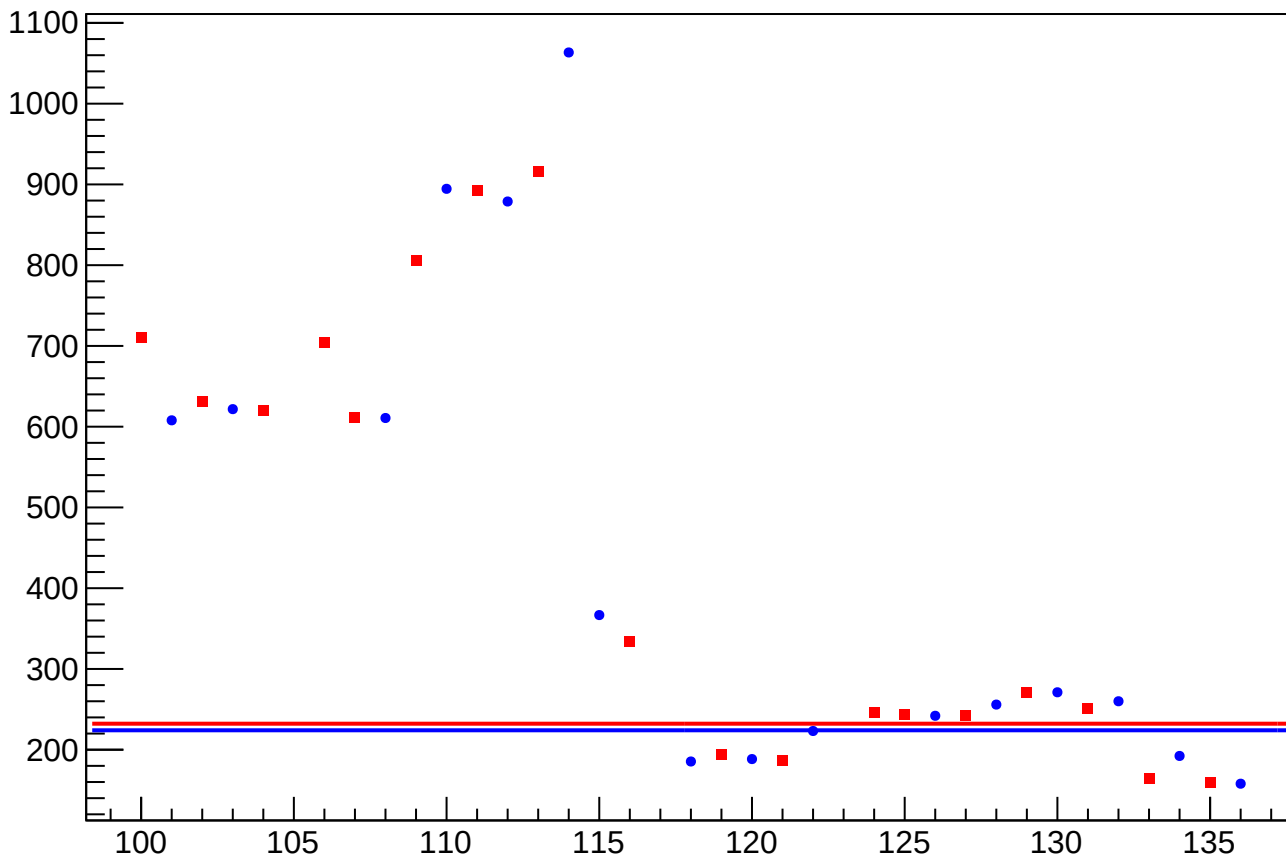
Right: 75.001+/-68.176 χ^2/NDF : 27.3/33

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.001+/-68.176 χ^2/NDF : 27.3/33

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: 232.218+/-0.070 χ^2/NDF : 3495369.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

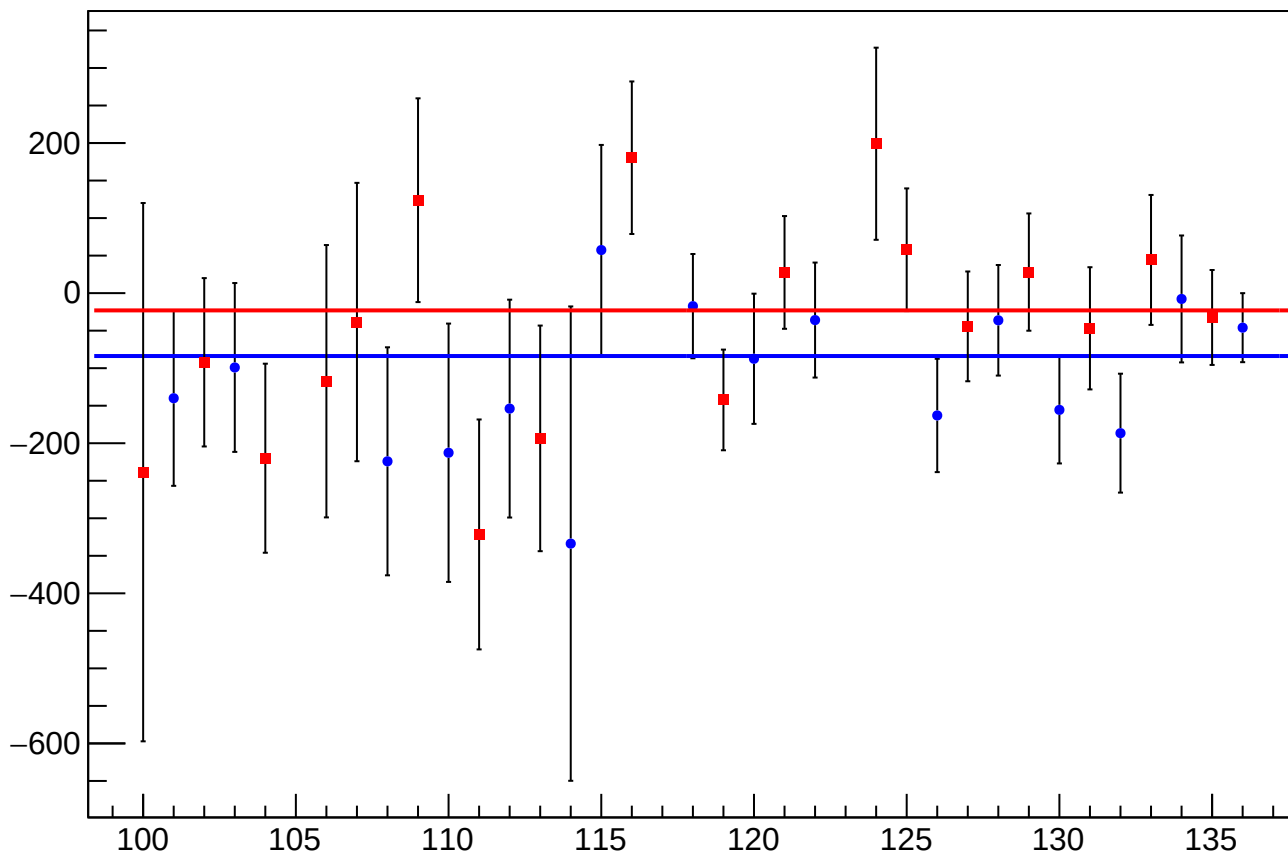
Right: 227.877+/-0.048 χ^2/NDF : 6470592.7/33

In: 224.042+/-0.066 χ^2/NDF : 2968059.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 227.877+/-0.048 χ^2/NDF : 6470592.7/33

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: -23.007+/-22.686 χ^2/NDF : 22.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

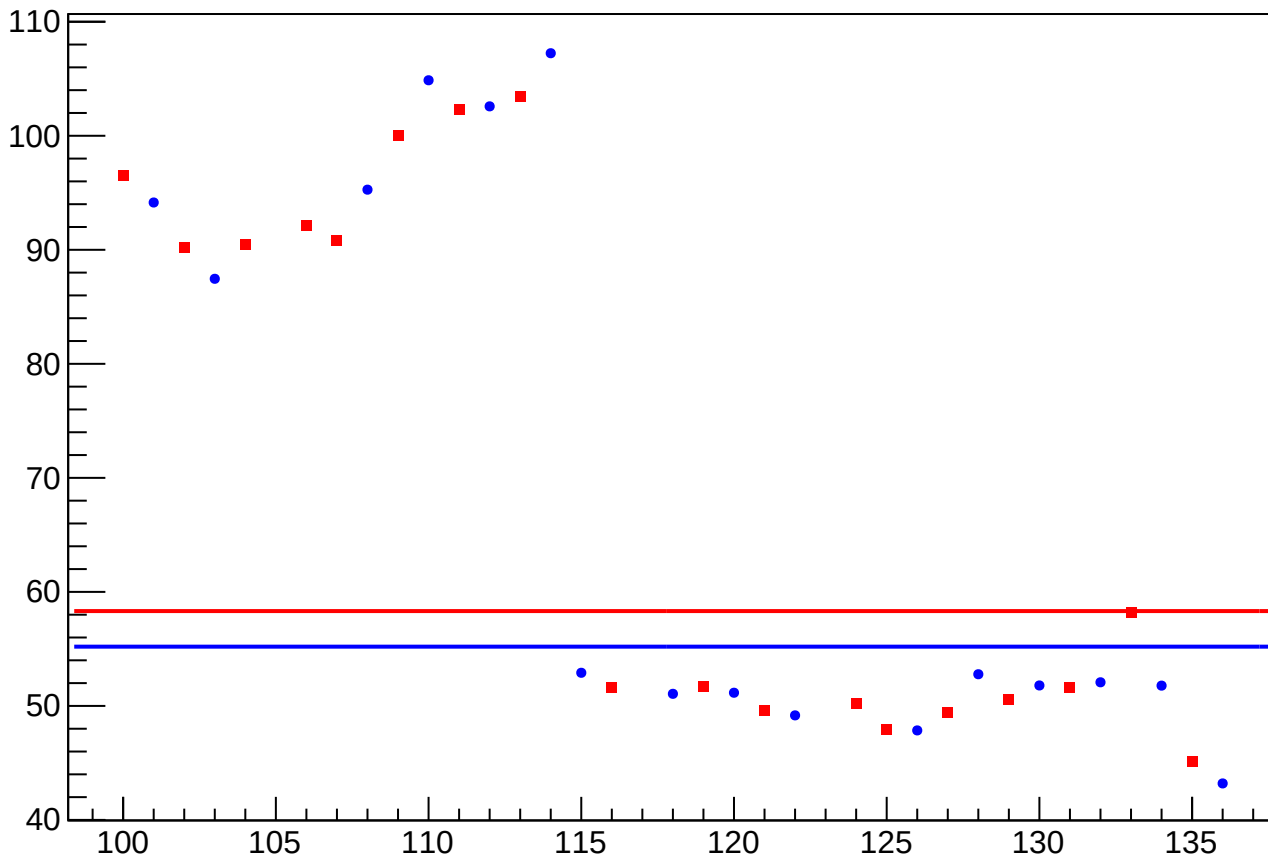
Right: -55.129+/-15.580 χ^2/NDF : 36.9/33

In: -83.805+/-21.434 χ^2/NDF : 10.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.129+/-15.580 χ^2/NDF : 36.9/33

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: 58.318+/-0.016 χ^2/NDF : 1224739.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

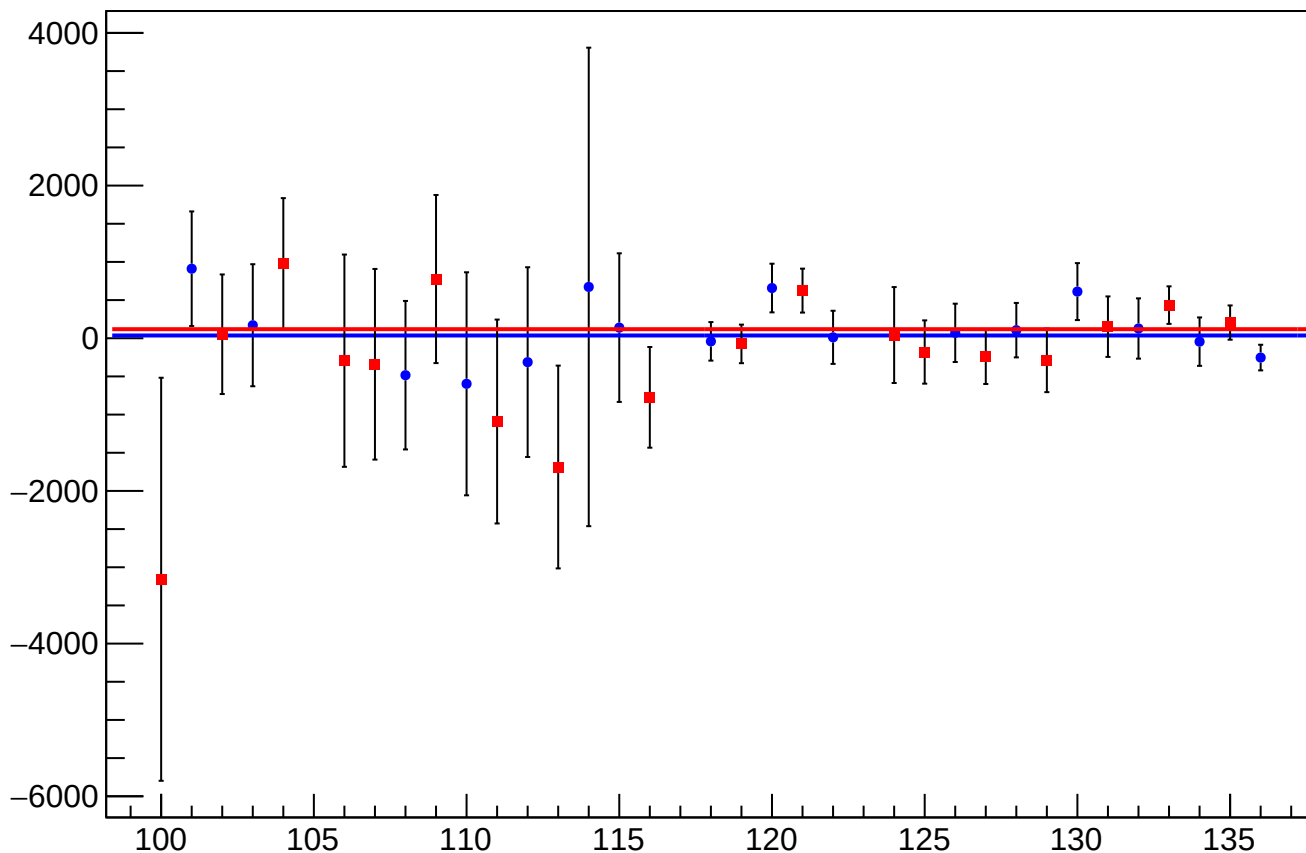
Right: 56.669+/-0.011 χ^2/NDF : 2397312.0/33

In: 55.198+/-0.015 χ^2/NDF : 1152581.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.669+/-0.011 χ^2/NDF : 2397312.0/33

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: 118.778+/-99.545 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

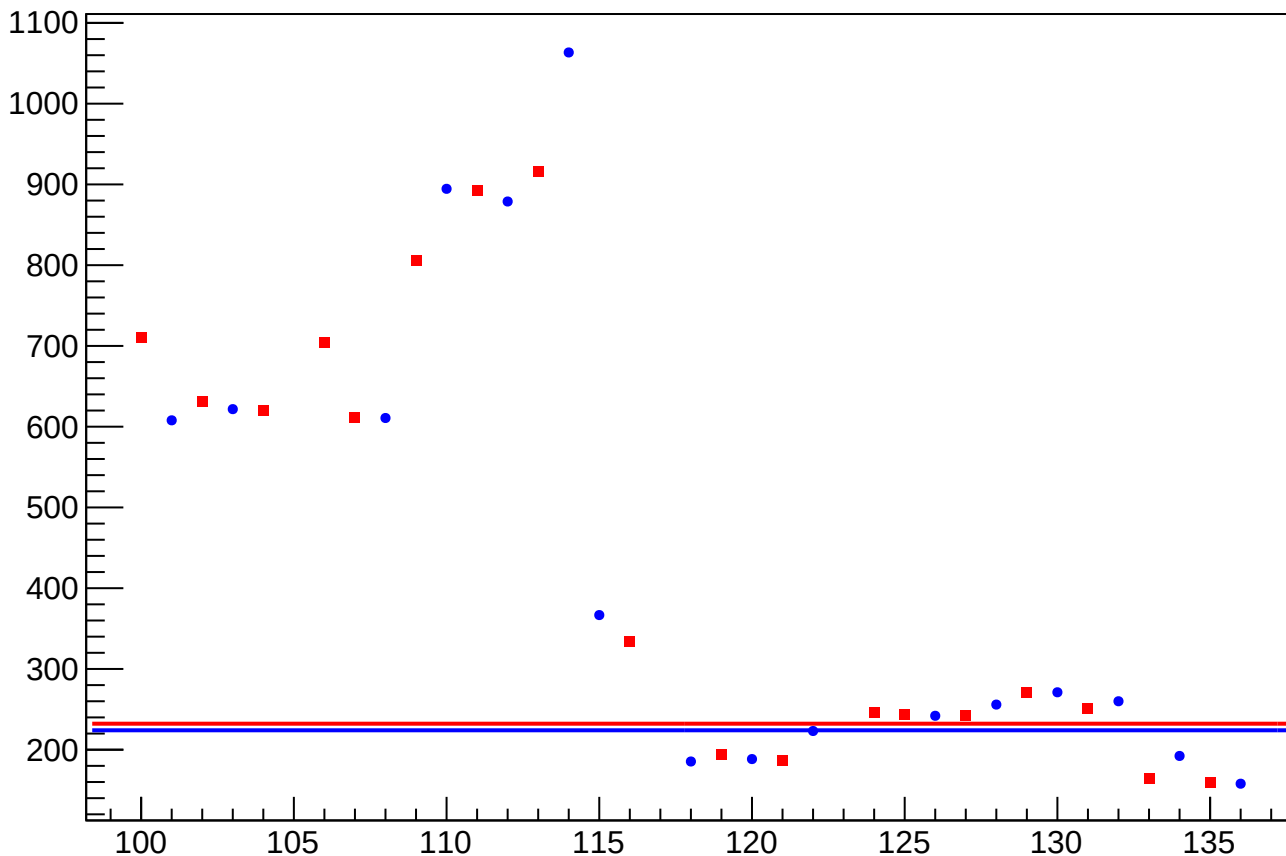
Right: 75.001+/-68.176 χ^2/NDF : 27.3/33

In: 36.327+/-93.563 χ^2/NDF : 11.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.001+/-68.176 χ^2/NDF : 27.3/33

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: 232.218+/-0.070 χ^2/NDF : 3495369.1/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

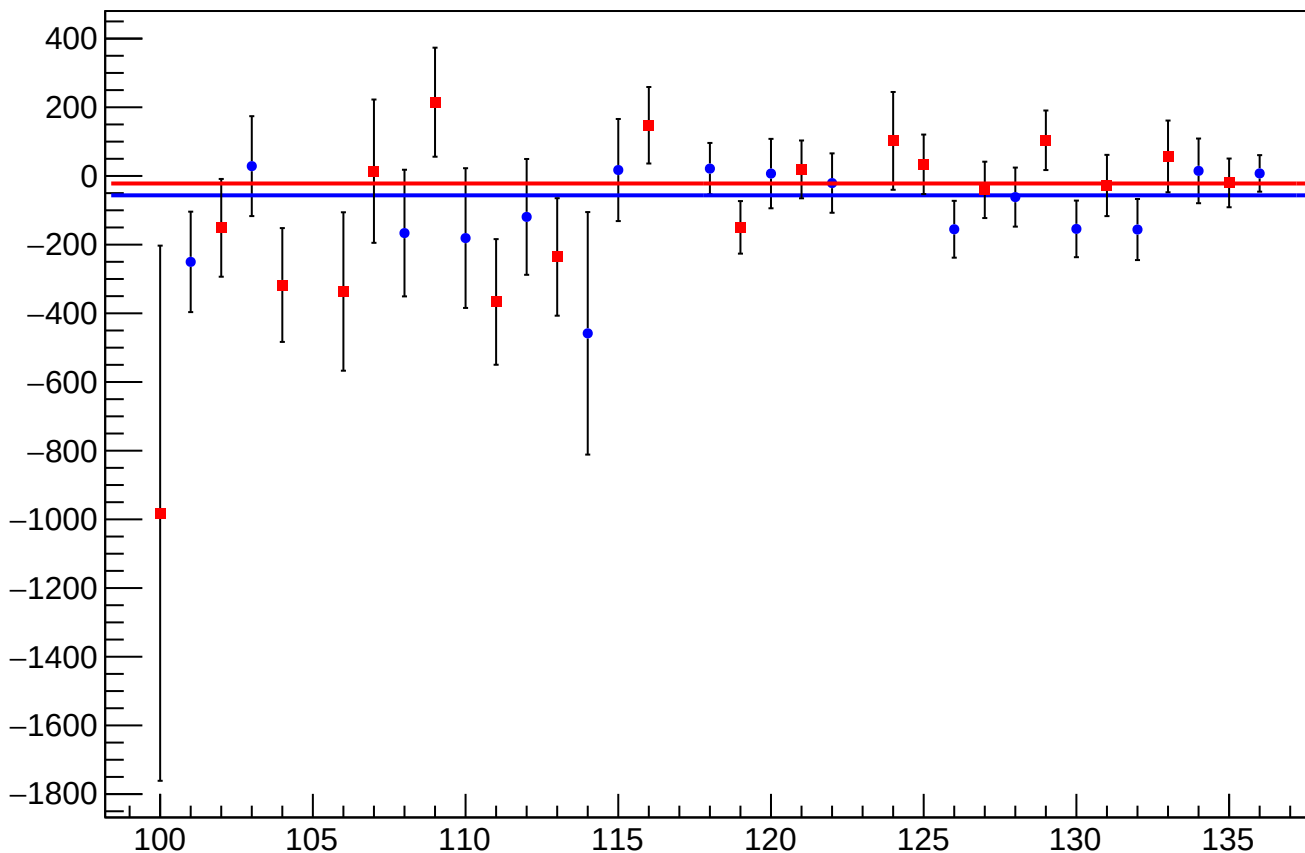
Right: 227.877+/-0.048 χ^2/NDF : 6470592.7/33

In: 224.042+/-0.066 χ^2/NDF :2968059.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 227.877+/-0.048 χ^2/NDF : 6470592.7/33

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: -21.928 ± 25.770 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

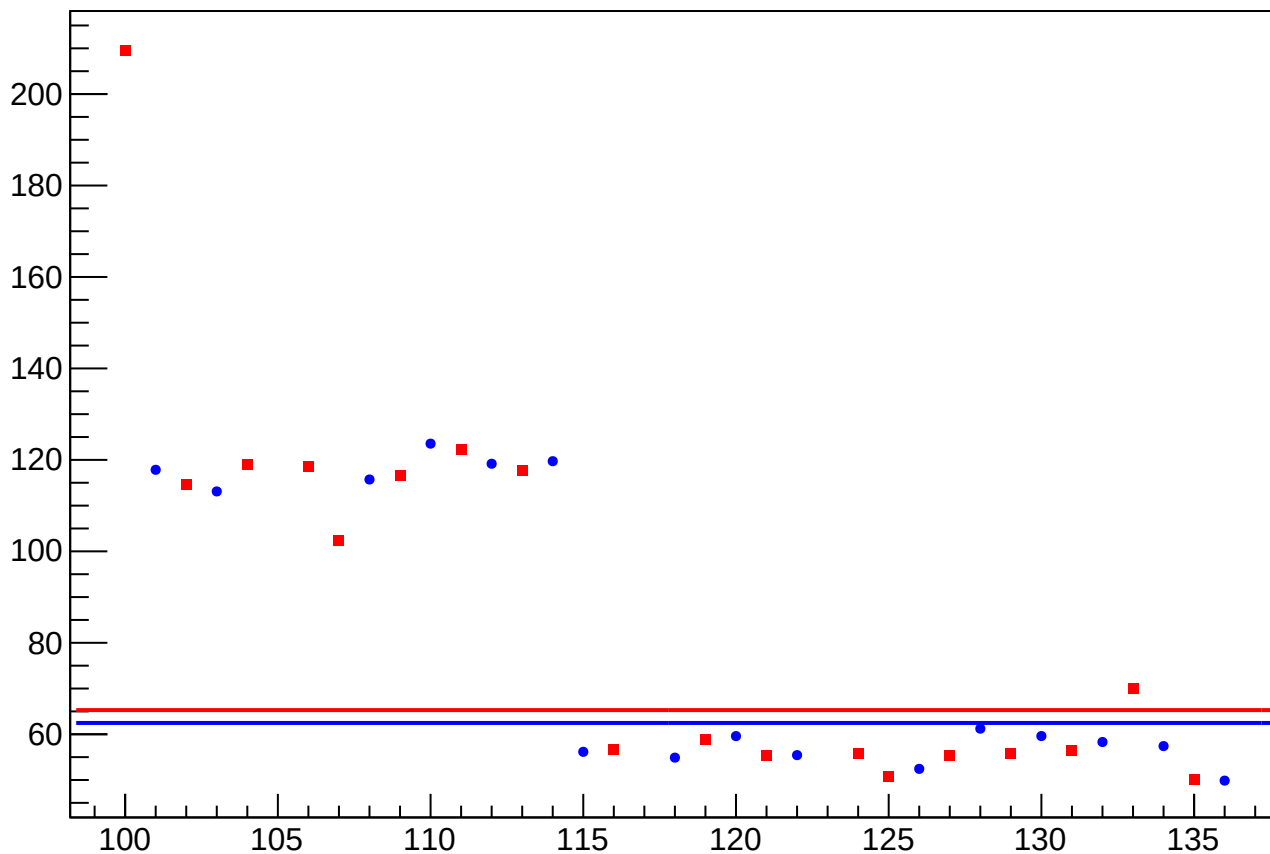
Right: -40.049 ± 17.752 χ^2/NDF : 37.2/33

In: -56.414 ± 24.489 χ^2/NDF : 12.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.049 ± 17.752 χ^2/NDF : 37.2/33

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: 65.287+/-0.018 χ^2/NDF : 1566745.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

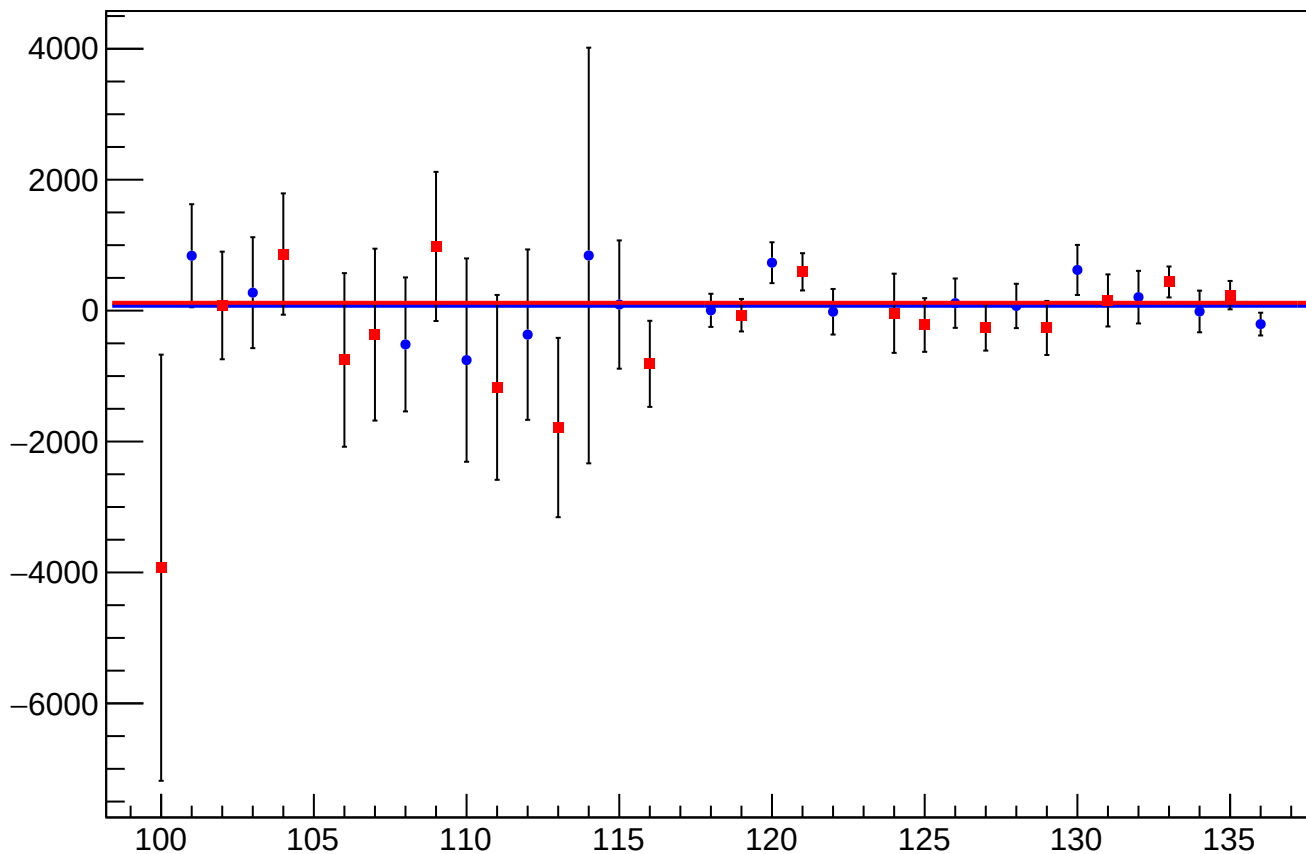
Right: 63.809+/-0.013 χ^2/NDF : 2927490.0/33

In: 62.474+/-0.017 χ^2/NDF :1348224.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 63.809+/-0.013 χ^2/NDF : 2927490.0/33

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: 119.544+/-97.848 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

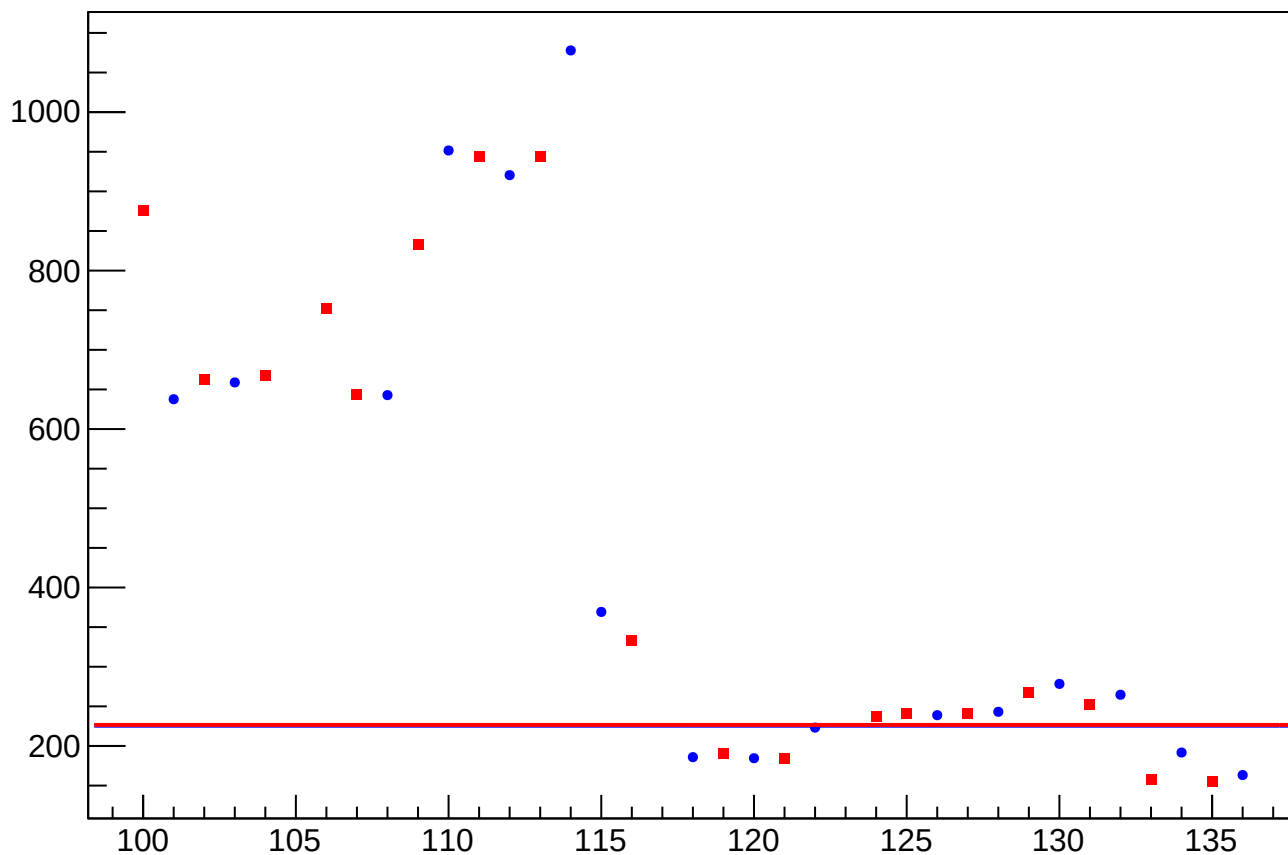
Right: 96.130+/-67.972 χ^2/NDF : 27.6/33

In: 74.294+/-94.492 χ^2/NDF : 11.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.130+/-67.972 χ^2/NDF : 27.6/33

asym_sam_37_26_dd_dit_correction_rms vs Slug, Sign Corrected



Right In: 225.614 $\pm$ 0.067 χ^2 /NDF: 3026007.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 226.522 $\pm$ 0.069 χ^2 /NDF: 3802598.5/17

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

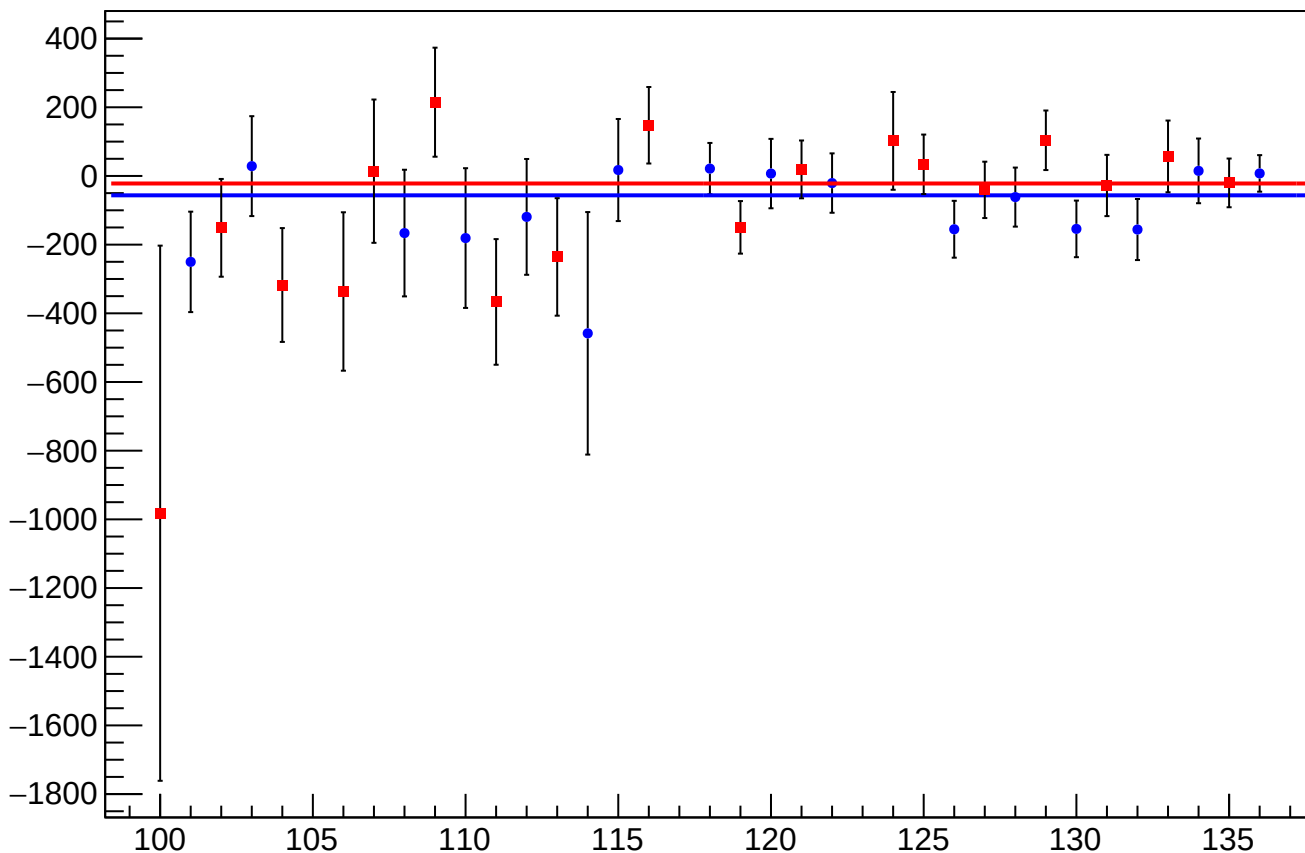
Right: 226.052 $\pm$ 0.048 χ^2 /NDF: 6828695.3/33

In: 225.614 $\pm$ 0.067 χ^2 /NDF:3026007.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 226.052 $\pm$ 0.048 χ^2 /NDF: 6828695.3/33

eigen_dit_asym_sam_37_26_dd_mean vs Slug, Sign Corrected



Right In: -56.415 $\pm$ 24.489 χ^2 /NDF: 12.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -21.931 $\pm$ 25.770 χ^2 /NDF: 24.0/17

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

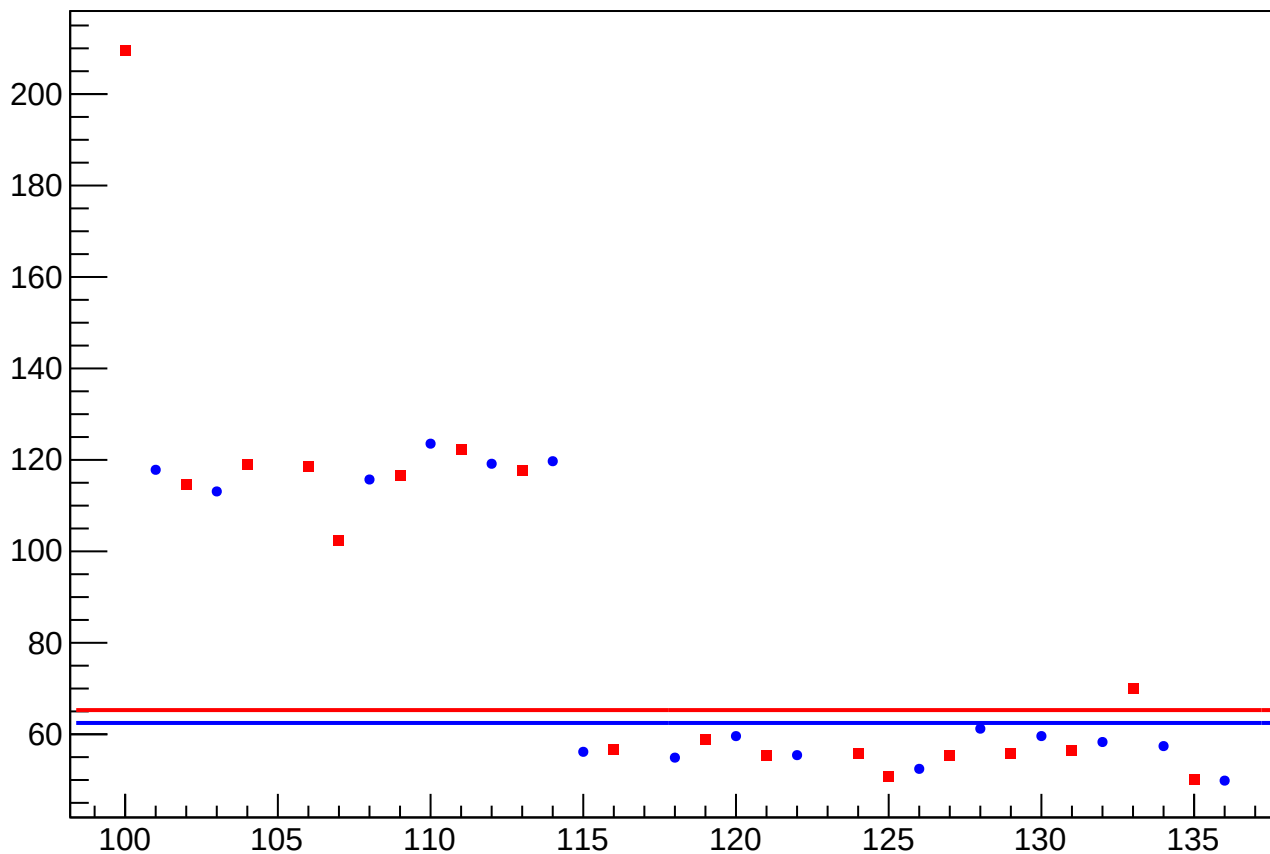
Right: -40.051 $\pm$ 17.752 χ^2 /NDF: 37.2/33

In: -56.415 $\pm$ 24.489 χ^2 /NDF:12.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.051 $\pm$ 17.752 χ^2 /NDF: 37.2/33

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: 65.287+/-0.018 χ^2/NDF : 1566726.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

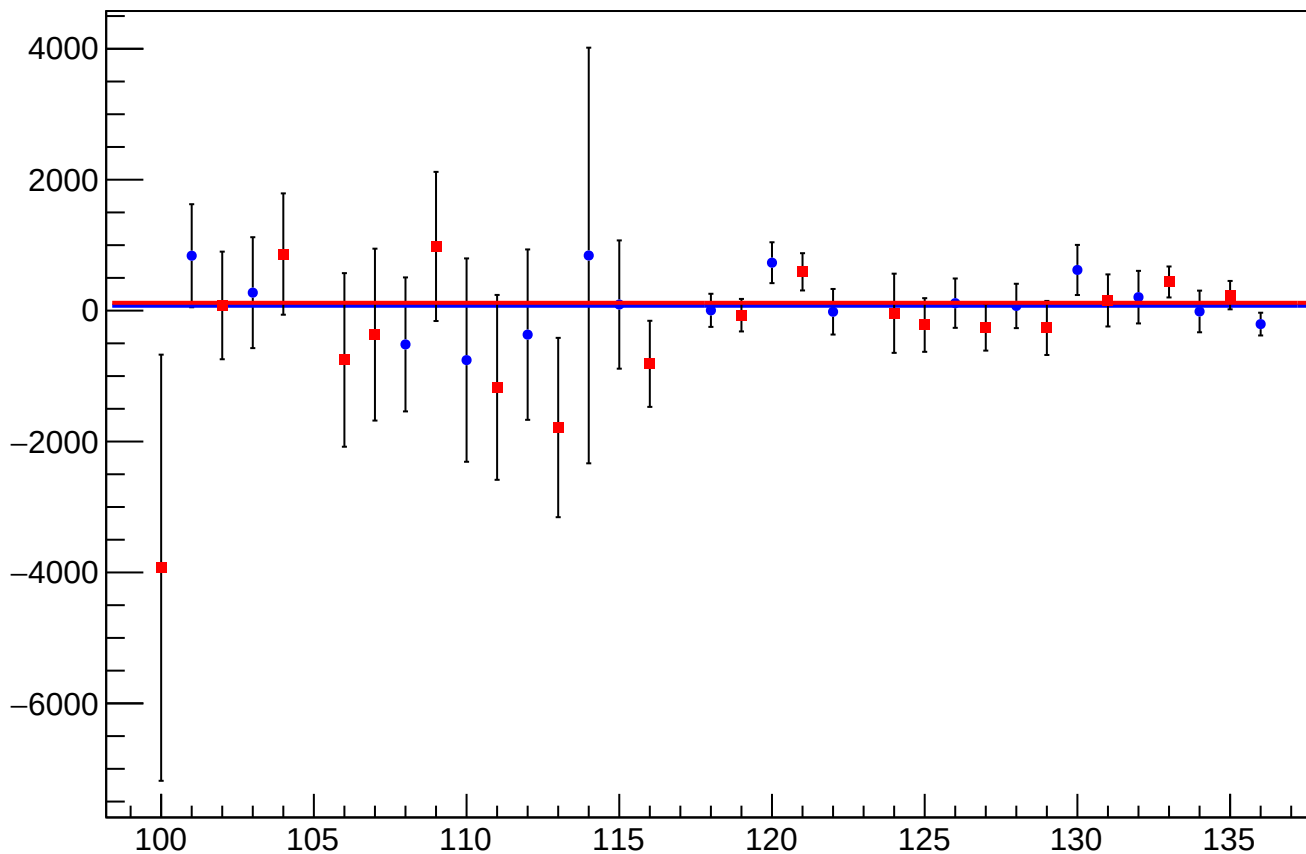
Right: 63.808+/-0.013 χ^2/NDF : 2927453.4/33

In: 62.474+/-0.017 χ^2/NDF :1348204.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 63.808+/-0.013 χ^2/NDF : 2927453.4/33

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: 119.542+/-97.848 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

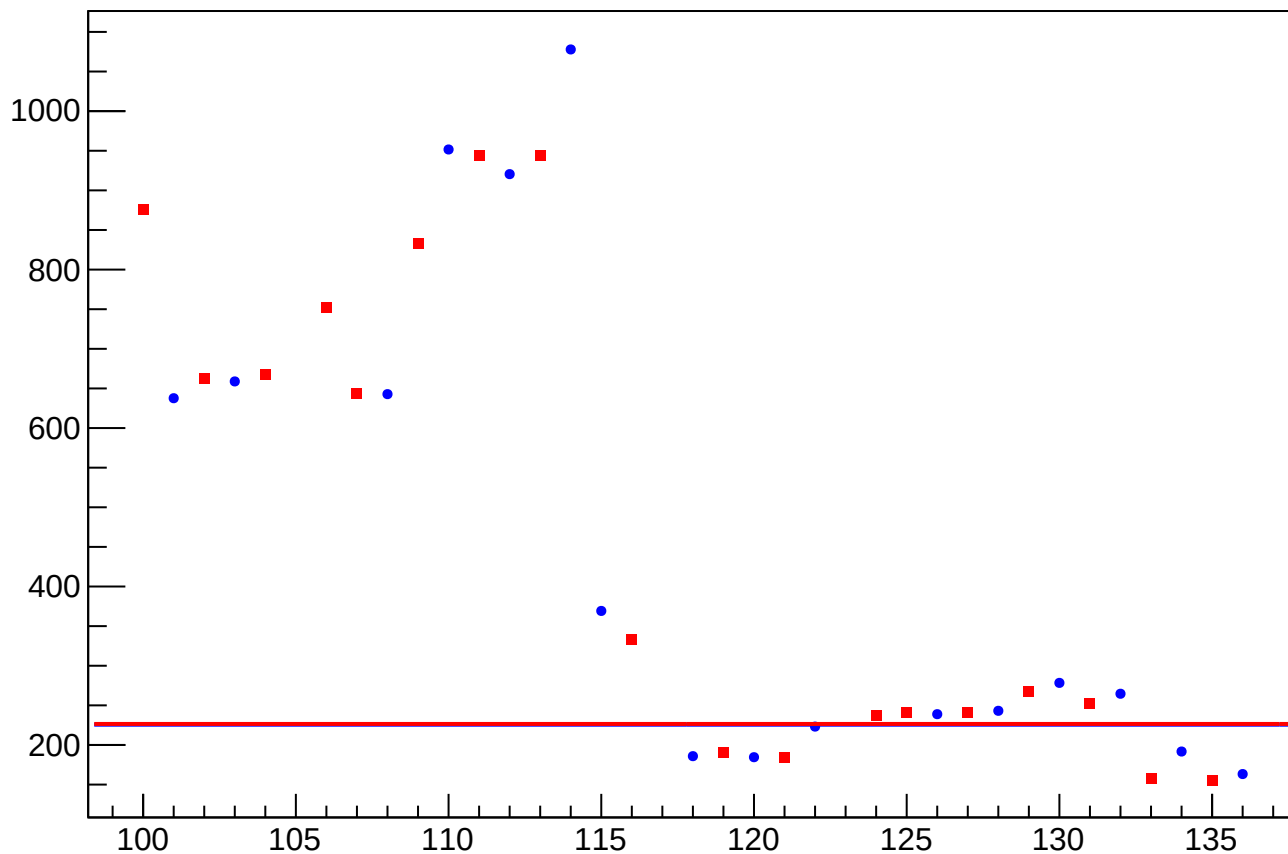
Right: 96.129+/-67.972 χ^2/NDF : 27.6/33

In: 74.295+/-94.492 χ^2/NDF : 11.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.129+/-67.972 χ^2/NDF : 27.6/33

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: 226.523+/-0.069 χ^2/NDF : 3802578.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

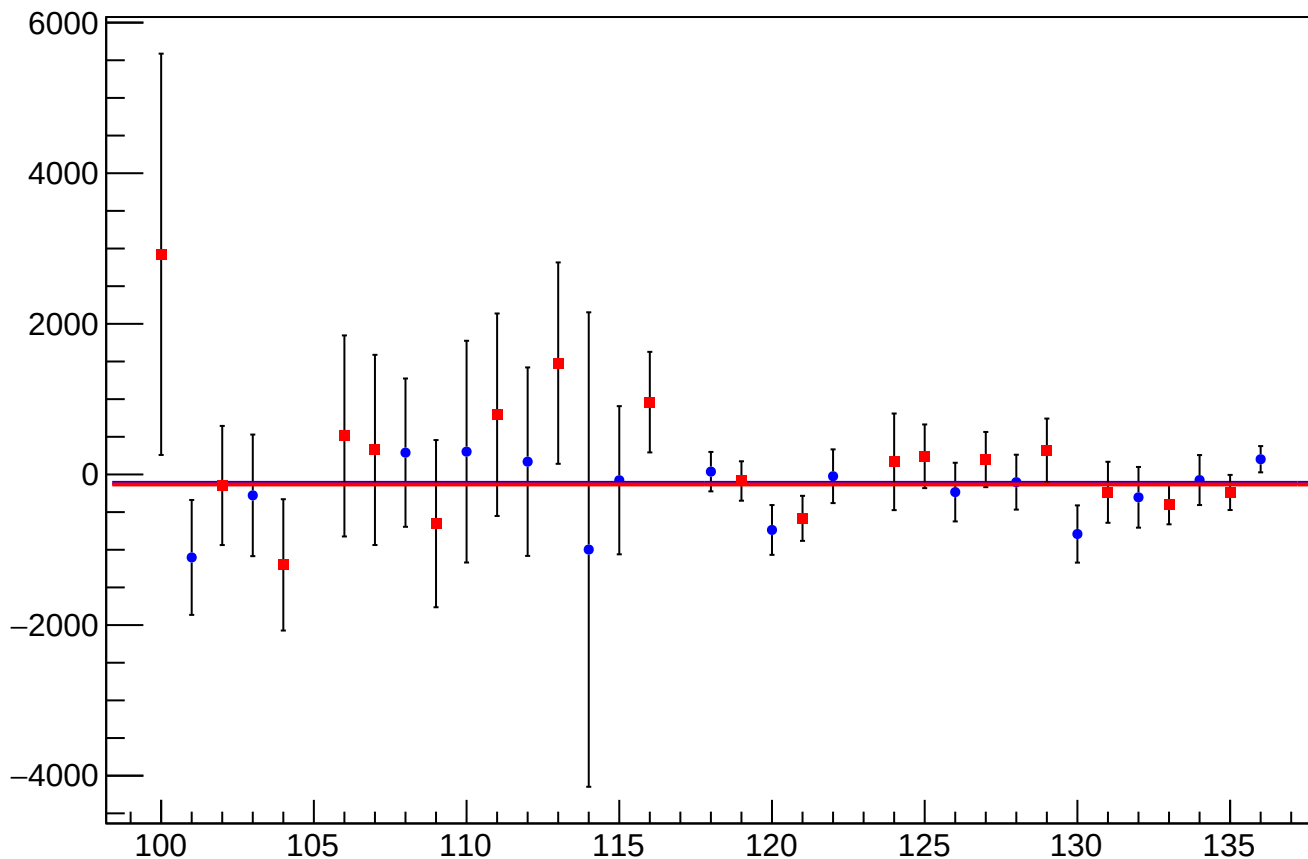
Right: 226.053+/-0.048 χ^2/NDF : 6828662.2/33

In: 225.614+/-0.067 χ^2/NDF :3025994.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 226.053+/-0.048 χ^2/NDF : 6828662.2/33

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: -132.418+/-102.971 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

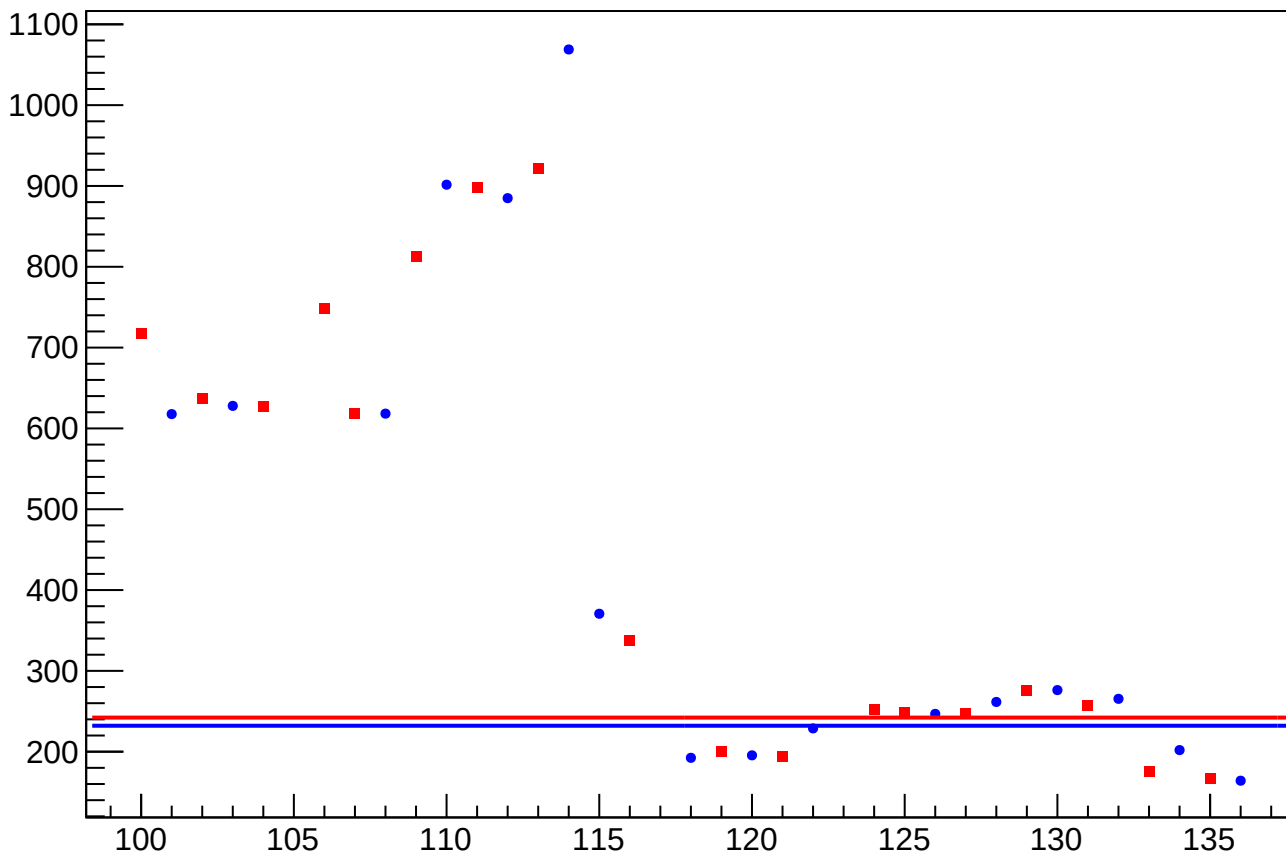
Right: -121.508+/-70.432 χ^2/NDF : 27.4/33

In: -111.916+/-96.551 χ^2/NDF : 12.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.508+/-70.432 χ^2/NDF : 27.4/33

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: 242.186+/-0.073 χ^2/NDF : 3441072.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

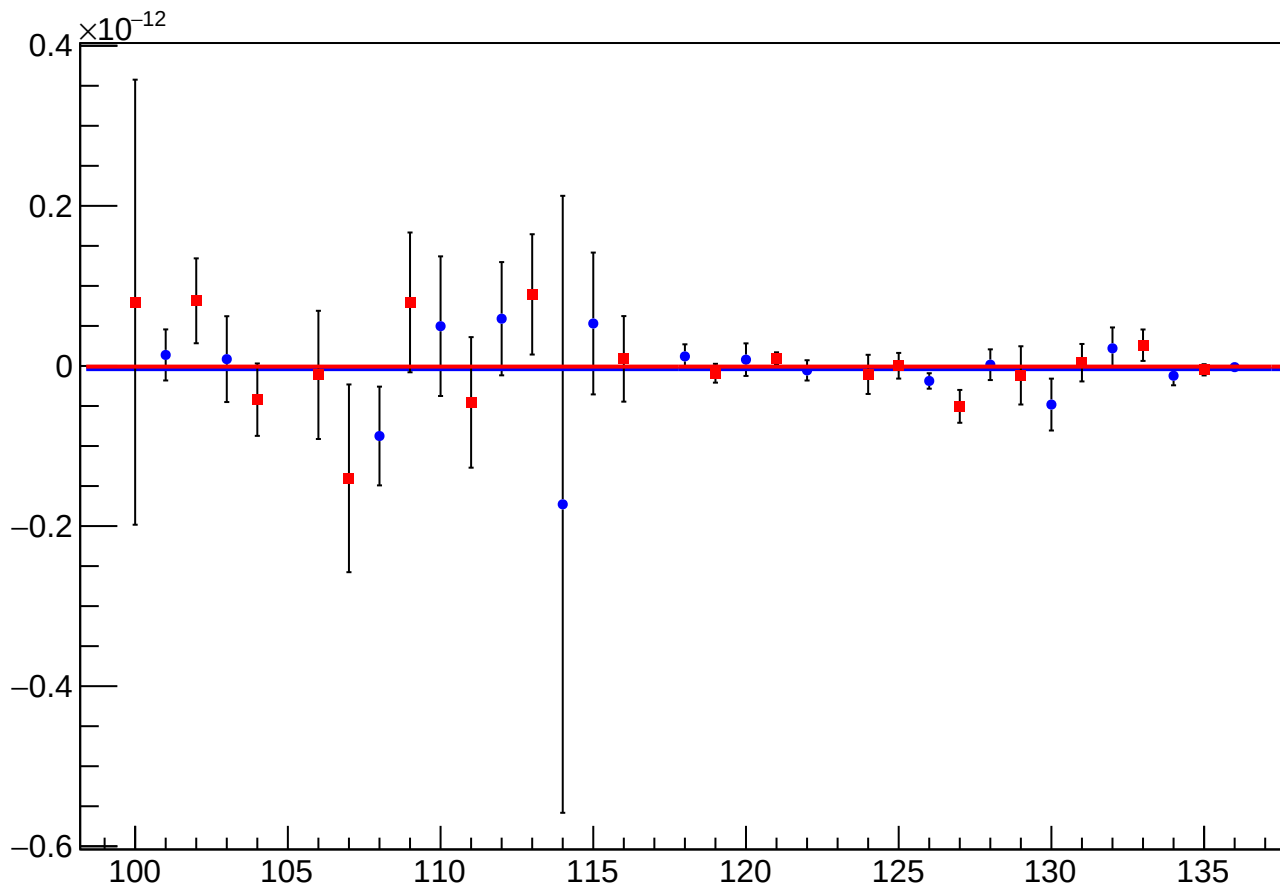
Right: 236.823+/-0.050 χ^2/NDF : 6336781.6/33

In: 232.107+/-0.068 χ^2/NDF : 2885510.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 236.823+/-0.050 χ^2/NDF : 6336781.6/33

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 : 18.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

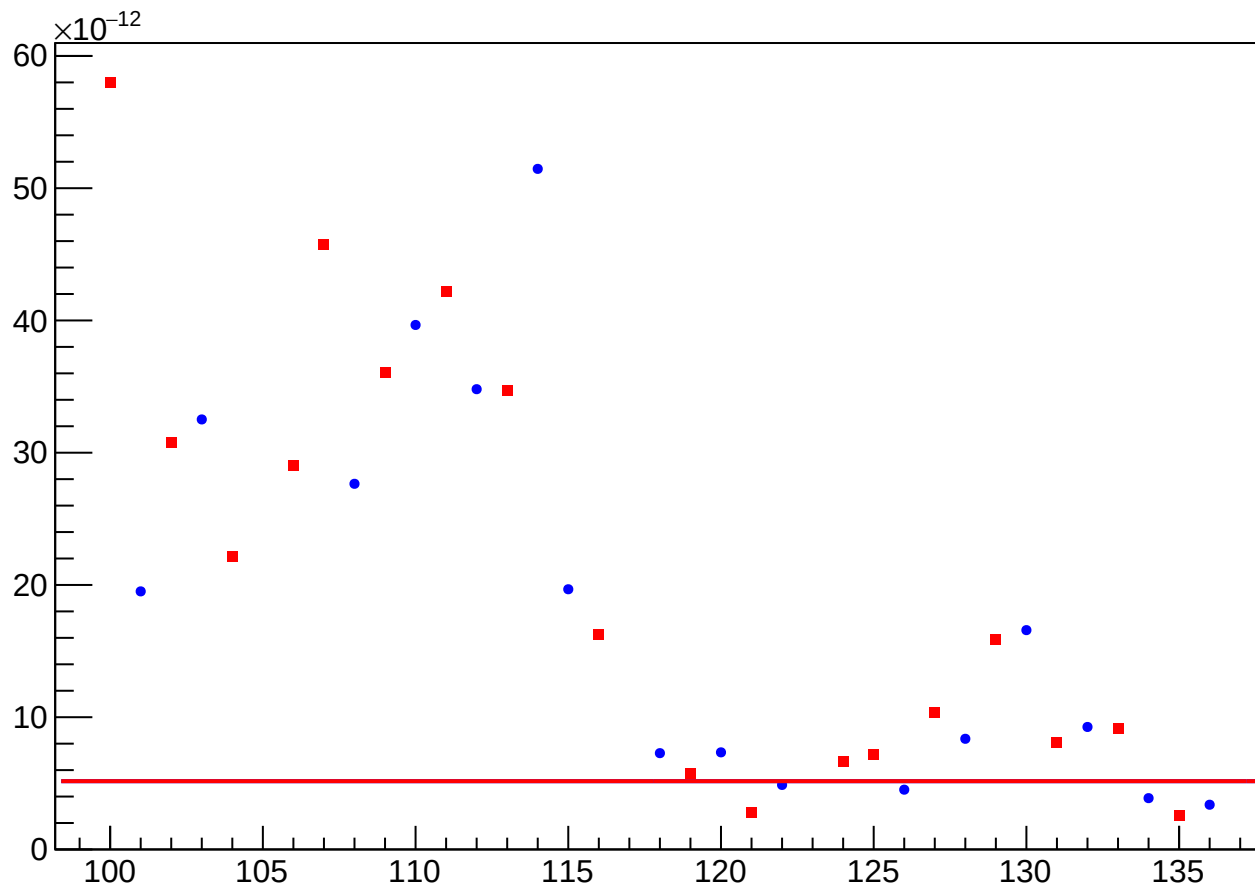
Right: -0.000+/-0.000 χ^2/NDF : 29.8/33

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 : 29.8/33

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 : 3226962.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

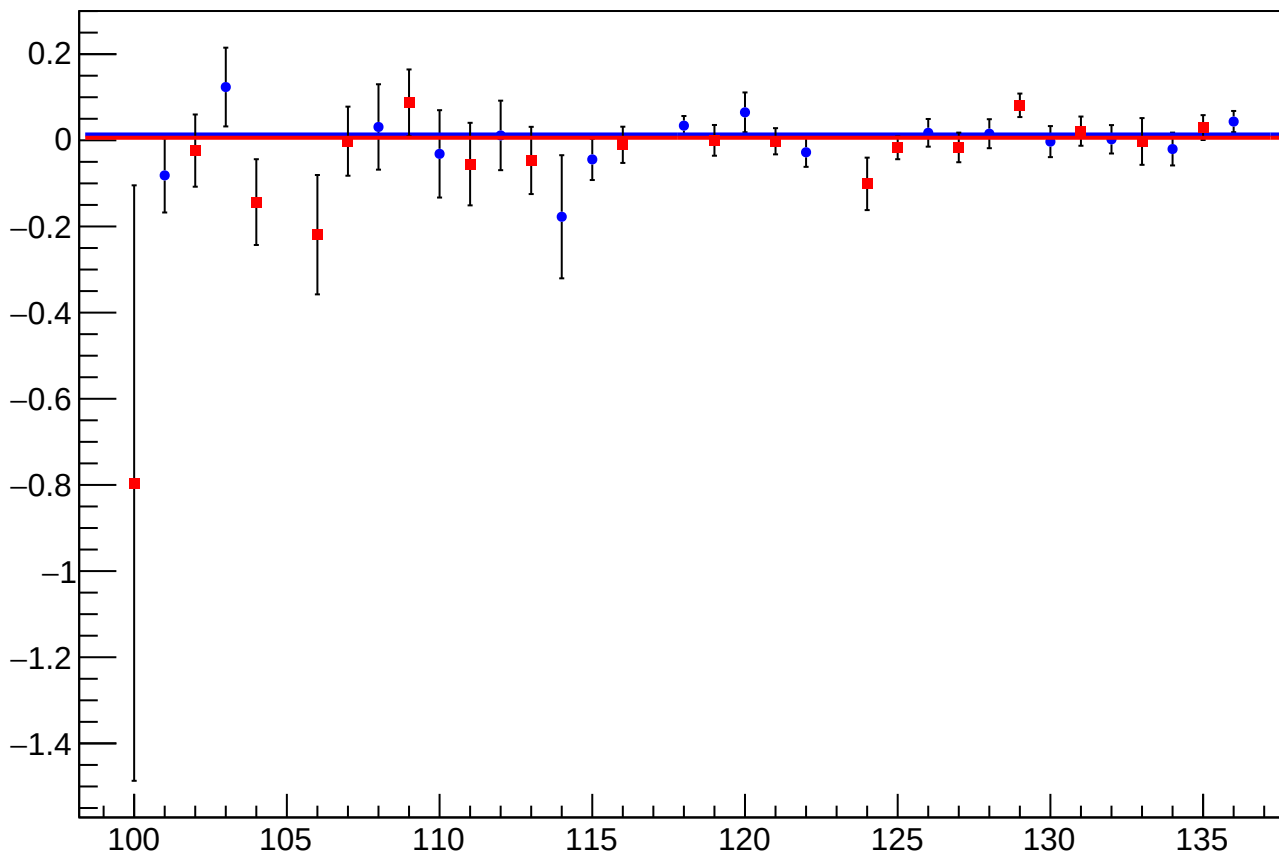
Right: 0.000+/-0.000 χ^2/NDF : 5845395.0/33

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 : 5845395.0/33

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: 21.4/17

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

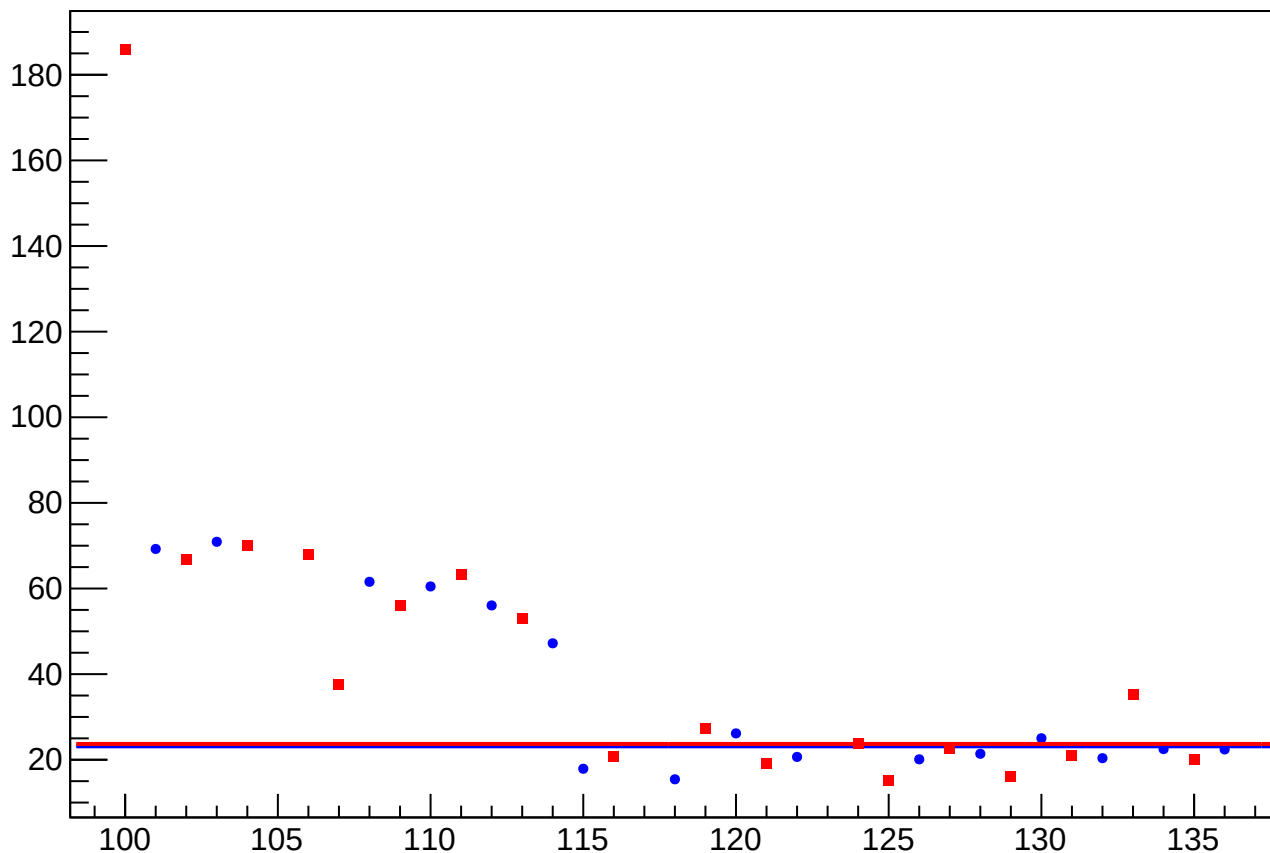
Right: 0.010 $\pm$ 0.007 χ^2 /NDF: 34.0/33

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: 34.0/33

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: 23.691+/-0.007 χ^2/NDF : 2884273.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

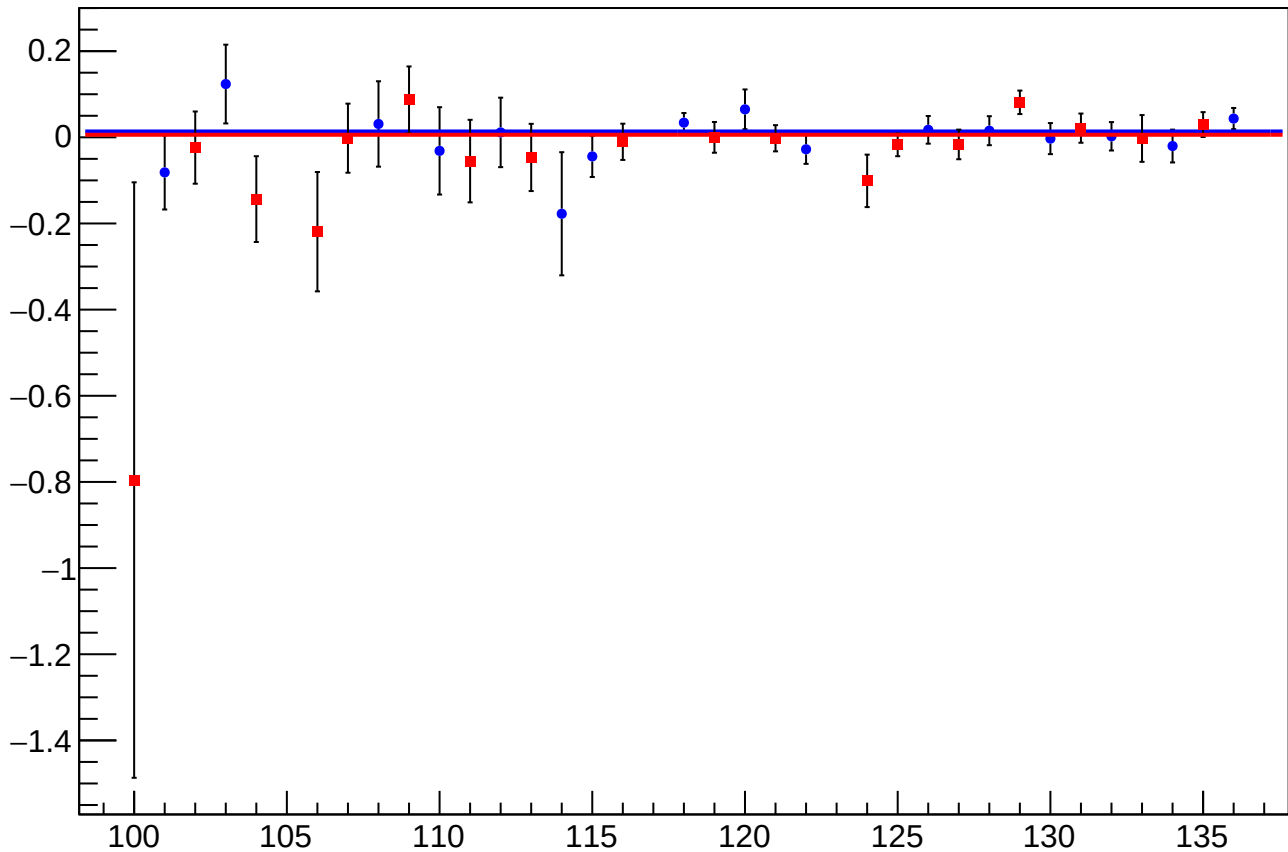
Right: 23.409+/-0.005 χ^2/NDF : 5293674.4/33

In: 23.145+/-0.007 χ^2/NDF :2406426.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 23.409+/-0.005 χ^2/NDF : 5293674.4/33

asym_sam_37_26_dd_dit_vs_eigen_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 : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

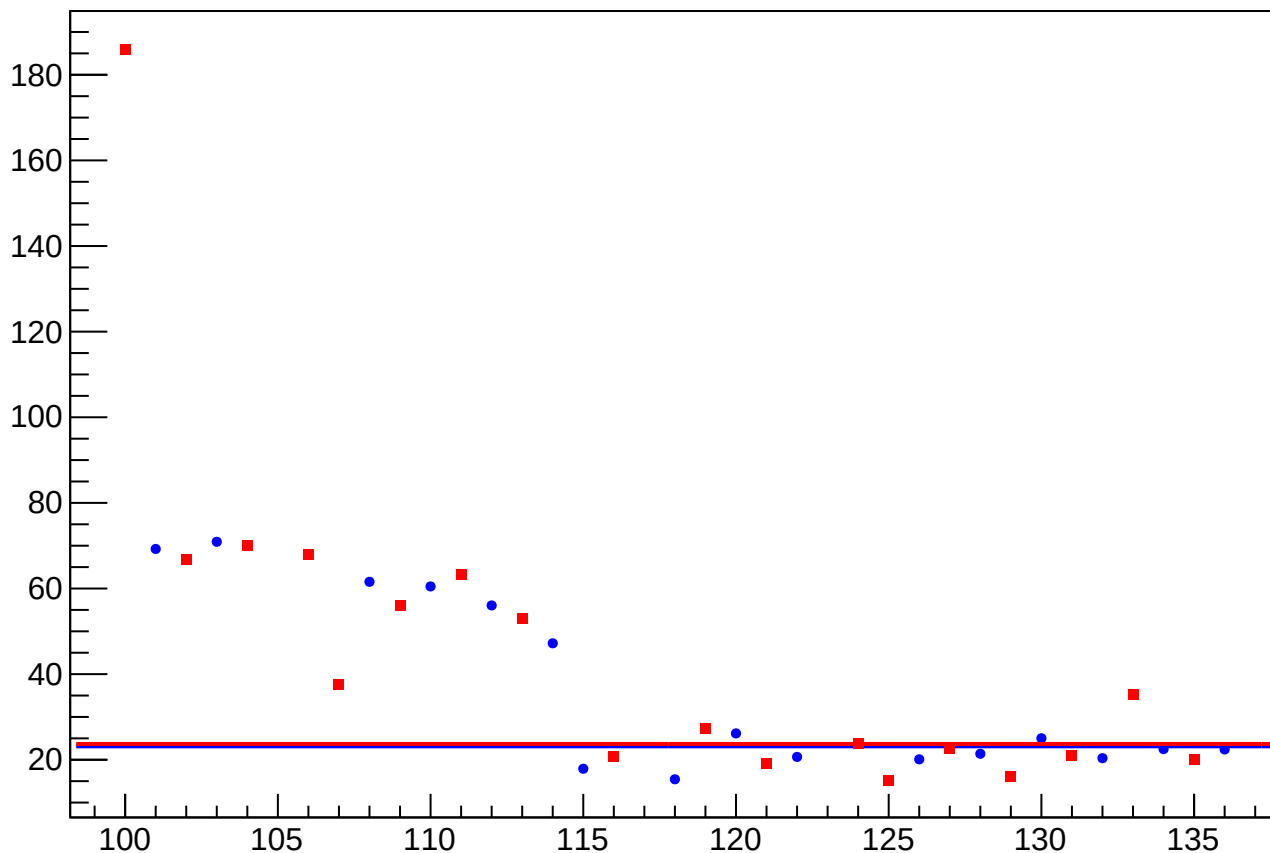
Right: 0.010+/-0.007 χ^2/NDF : 34.0/33

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 : 34.0/33

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: 23.691+/-0.007 χ^2/NDF : 2884273.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

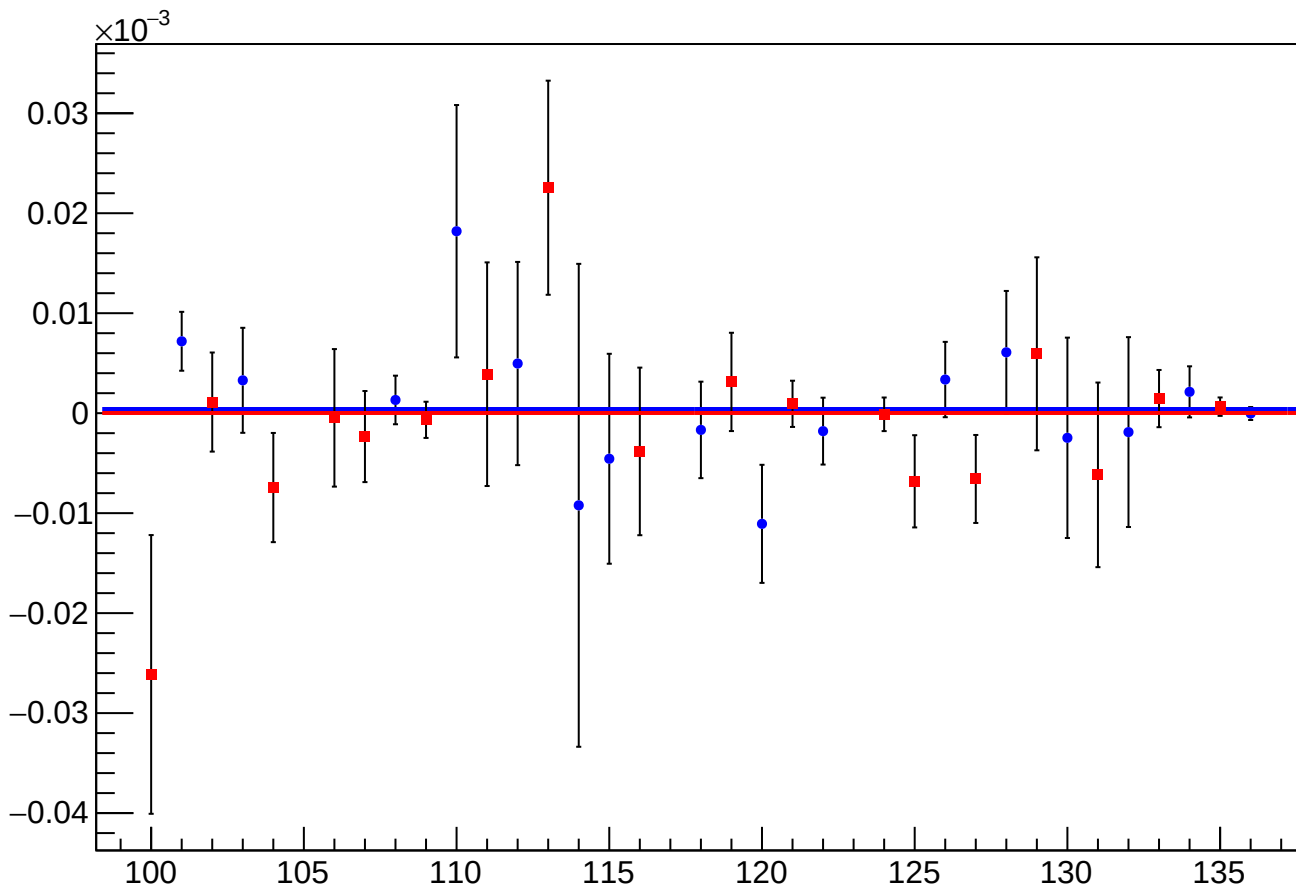
Right: 23.409+/-0.005 χ^2/NDF : 5293674.4/33

In: 23.145+/-0.007 χ^2/NDF : 2406426.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.409+/-0.005 χ^2/NDF : 5293674.4/33

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 : 17.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

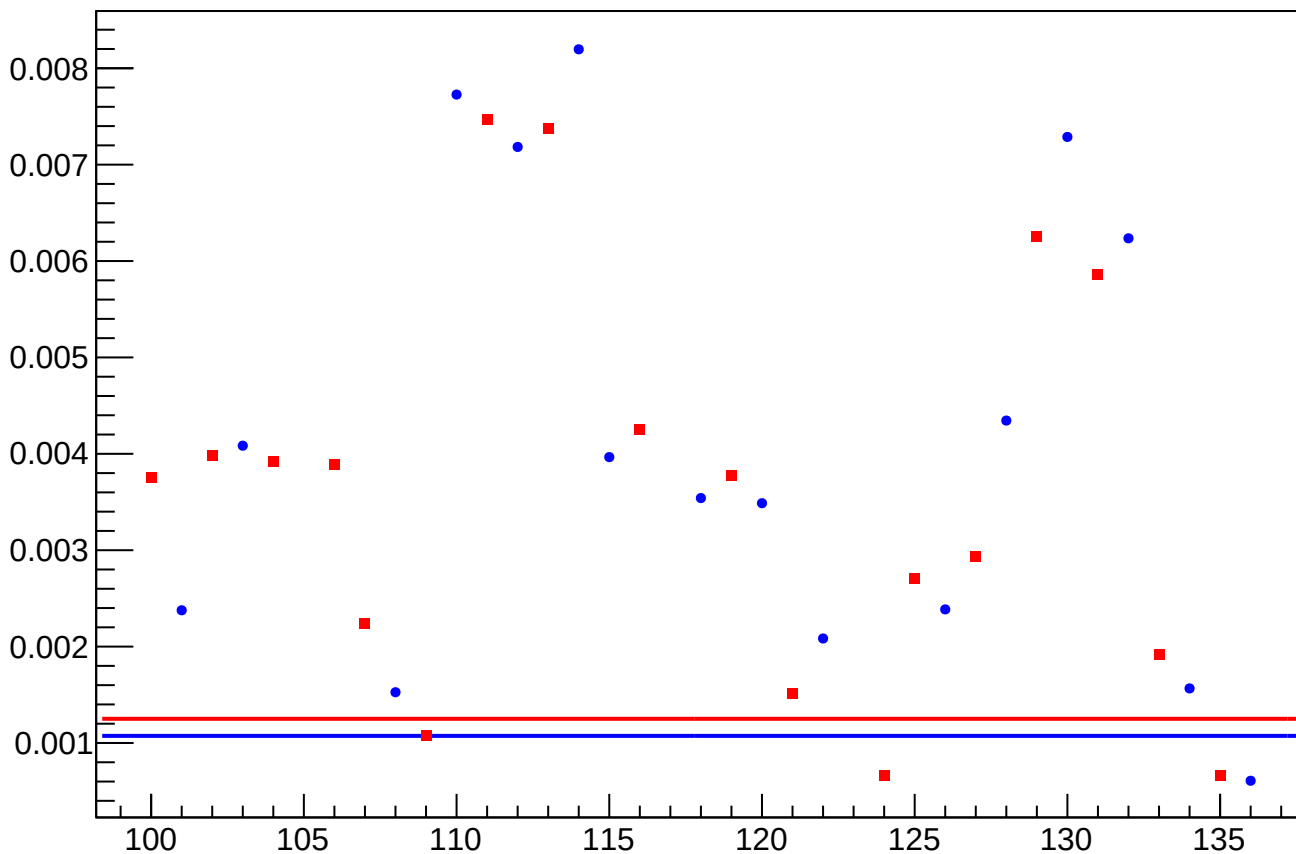
Right: 0.000+/-0.000 χ^2/NDF : 32.6/33

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 : 32.6/33

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 : 6355394.3/17

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 : 13488307.6/33

In: 0.001+/-0.000

χ^2/NDF : 7045313.7/15

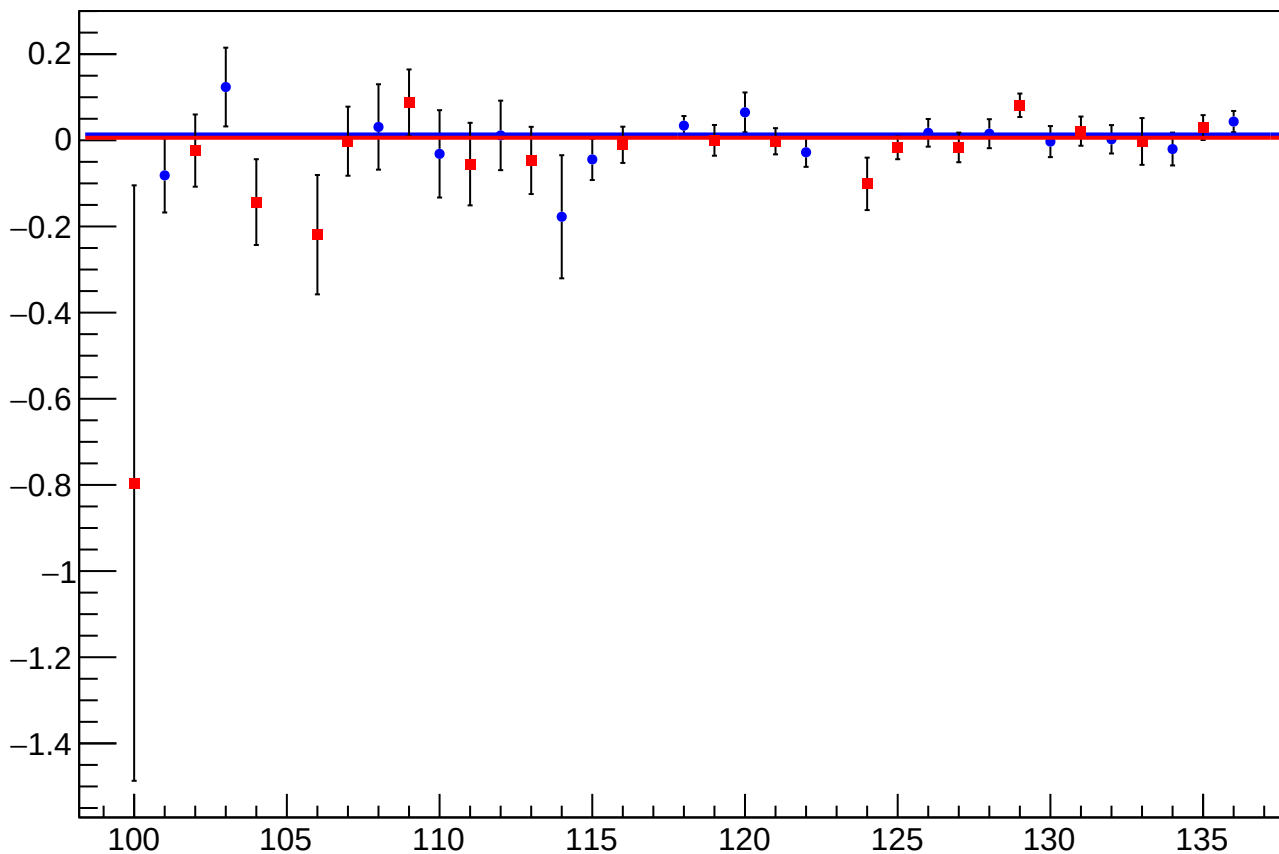
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 13488307.6/33

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 : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

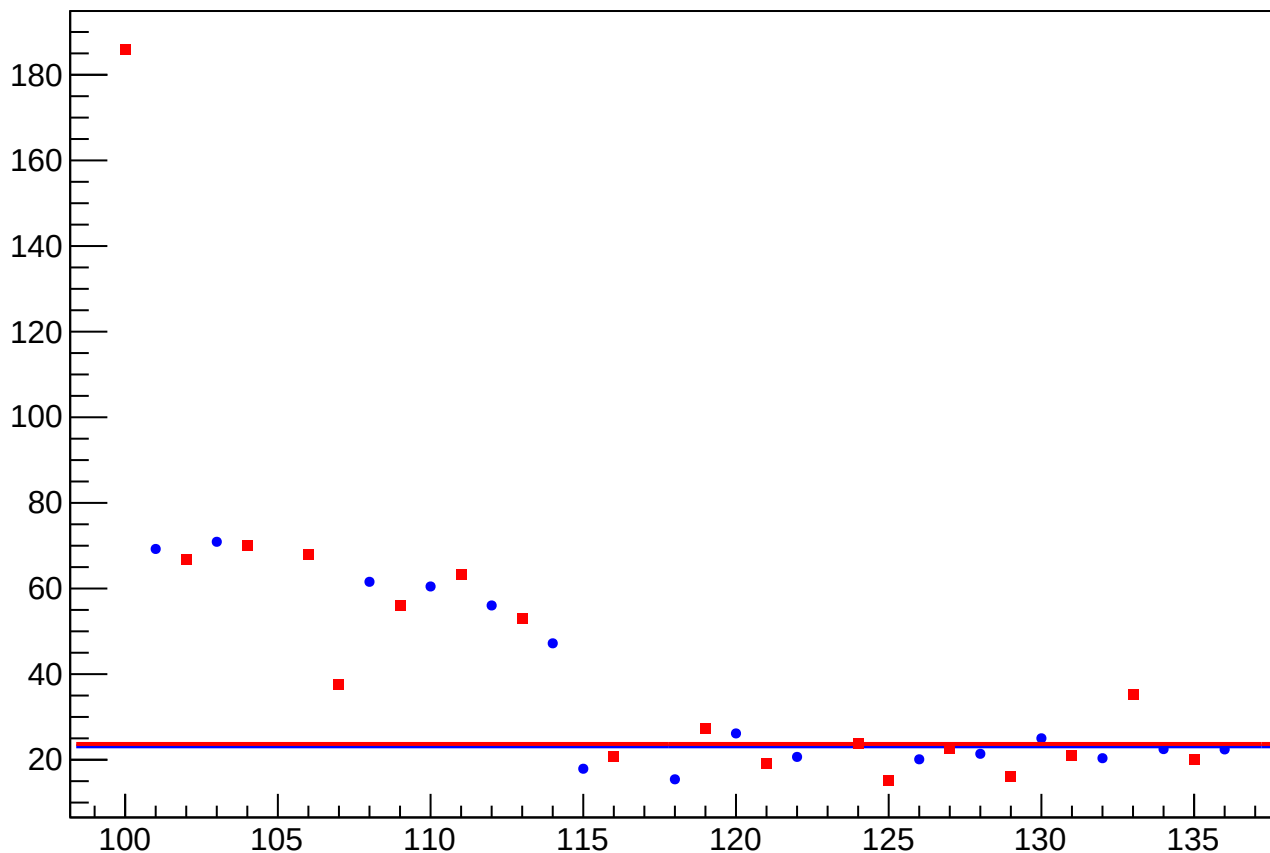
Right: 0.010+/-0.007 χ^2/NDF : 34.0/33

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 : 34.0/33

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: 23.691+/-0.007 χ^2/NDF : 2884216.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

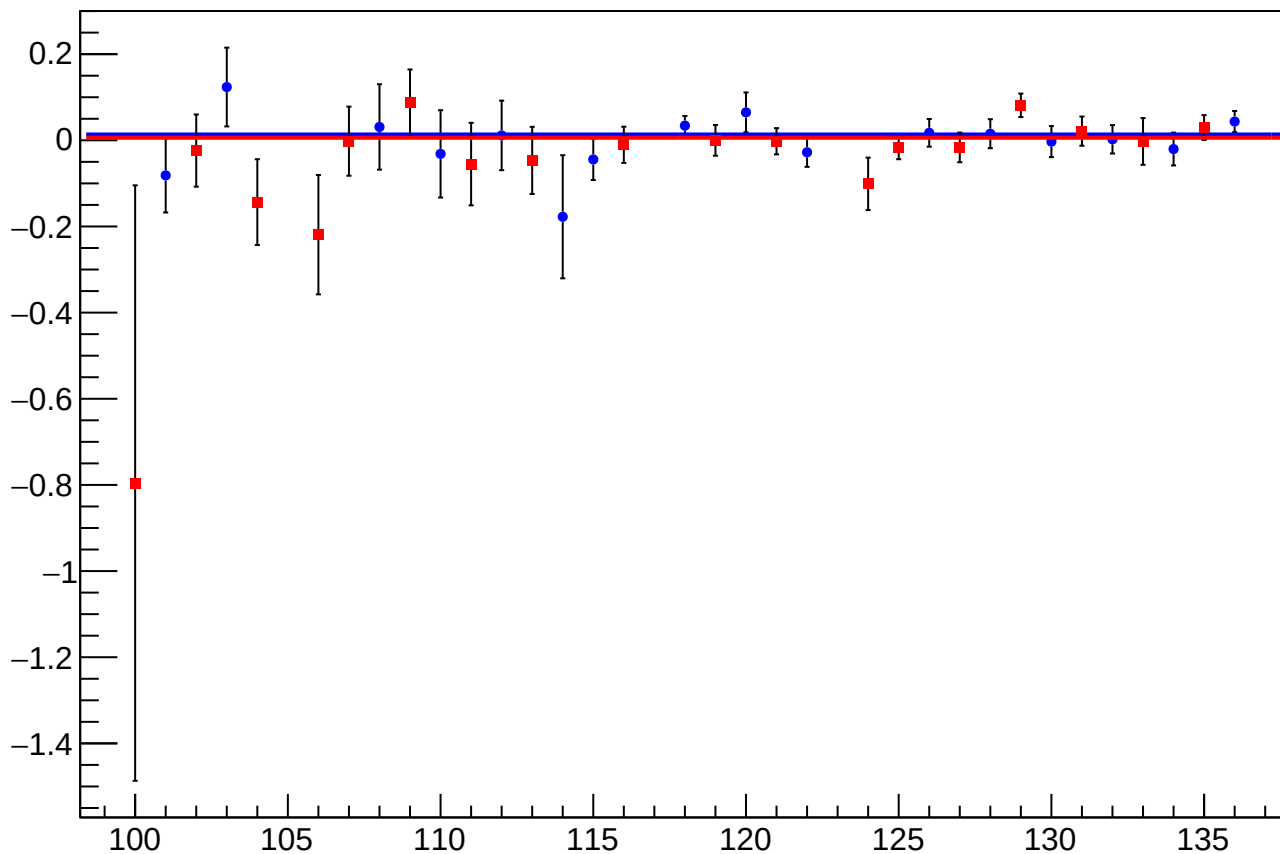
Right: 23.408+/-0.005 χ^2/NDF : 5293649.6/33

In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.408+/-0.005 χ^2/NDF : 5293649.6/33

asym_sam_37_26_dd_eigen_dit_vs_eigen_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 : 21.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

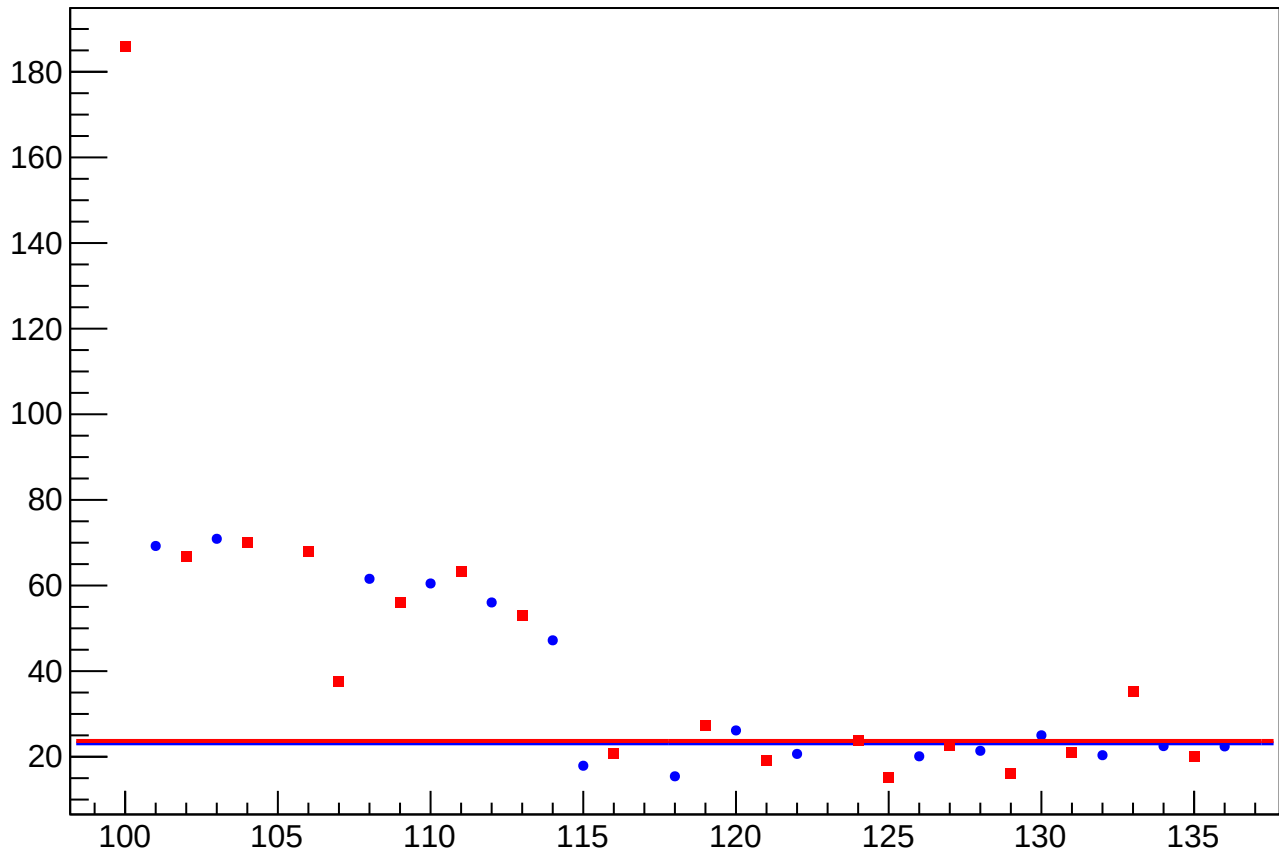
Right: 0.010+/-0.007 χ^2/NDF : 34.0/33

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 : 34.0/33

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: 23.691+/-0.007 χ^2/NDF : 2884216.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

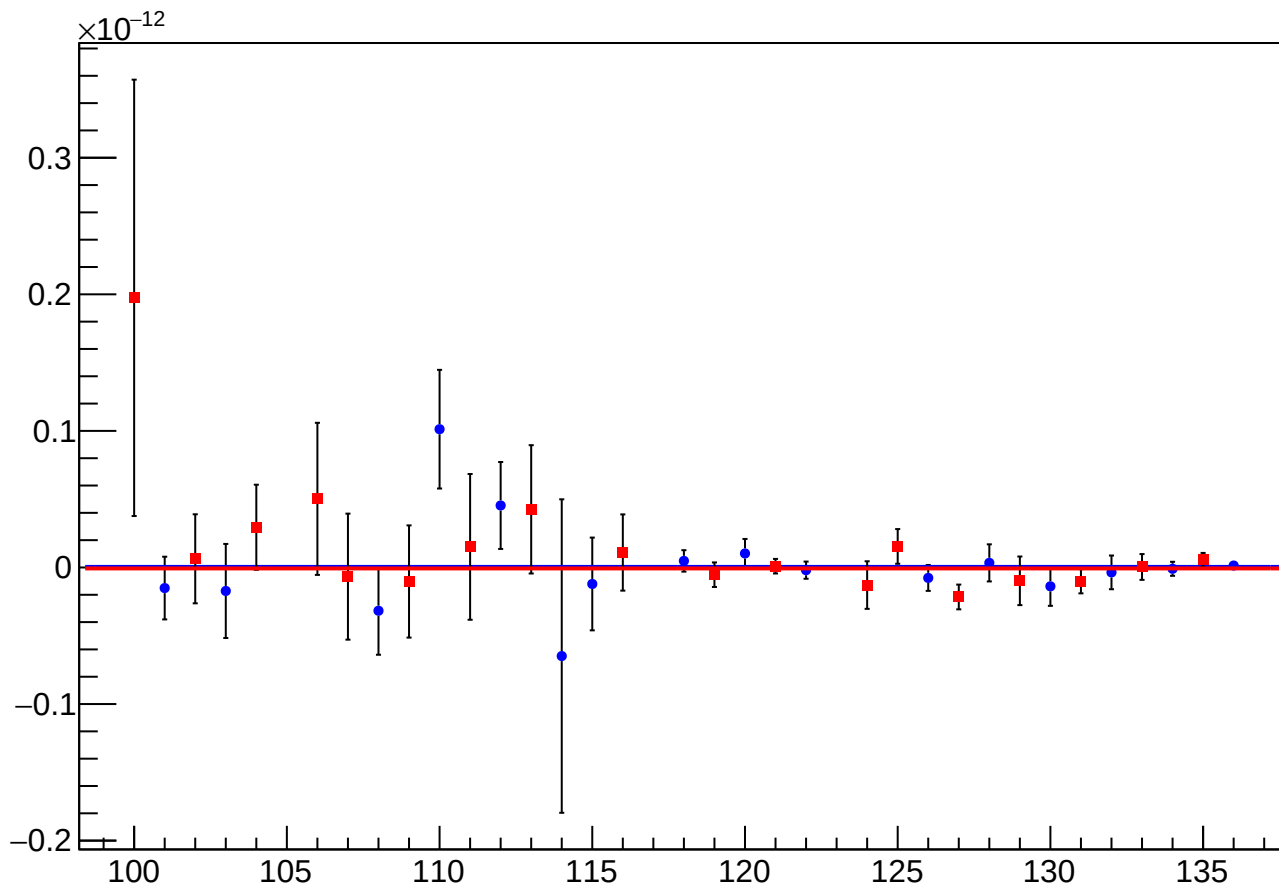
Right: 23.408+/-0.005 χ^2/NDF : 5293649.6/33

In: 23.144+/-0.007 χ^2/NDF : 2406451.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.408+/-0.005 χ^2/NDF : 5293649.6/33

asym_sam_37_26_dd_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 : 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

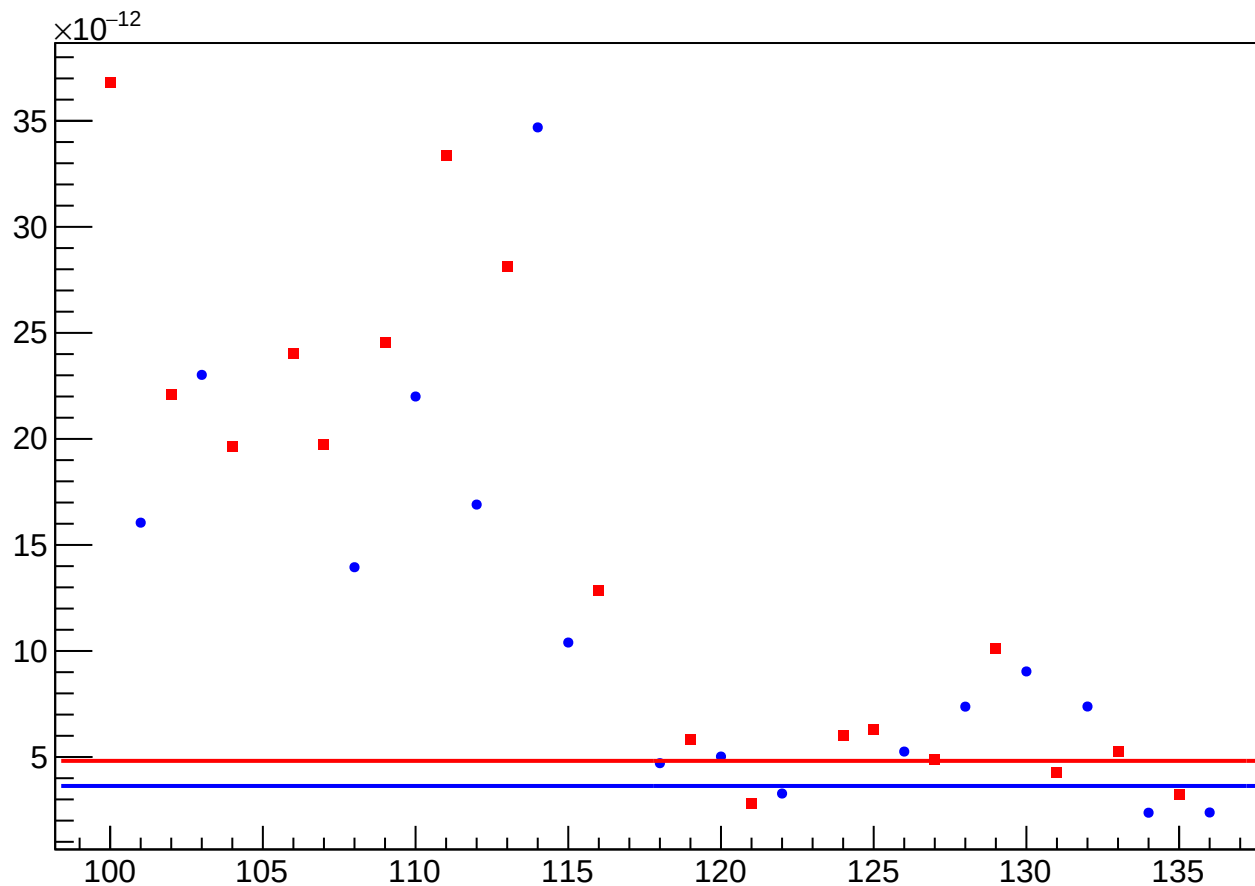
Right: -0.000+/-0.000 χ^2/NDF : 28.2/33

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 : 28.2/33

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 : 3960099.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

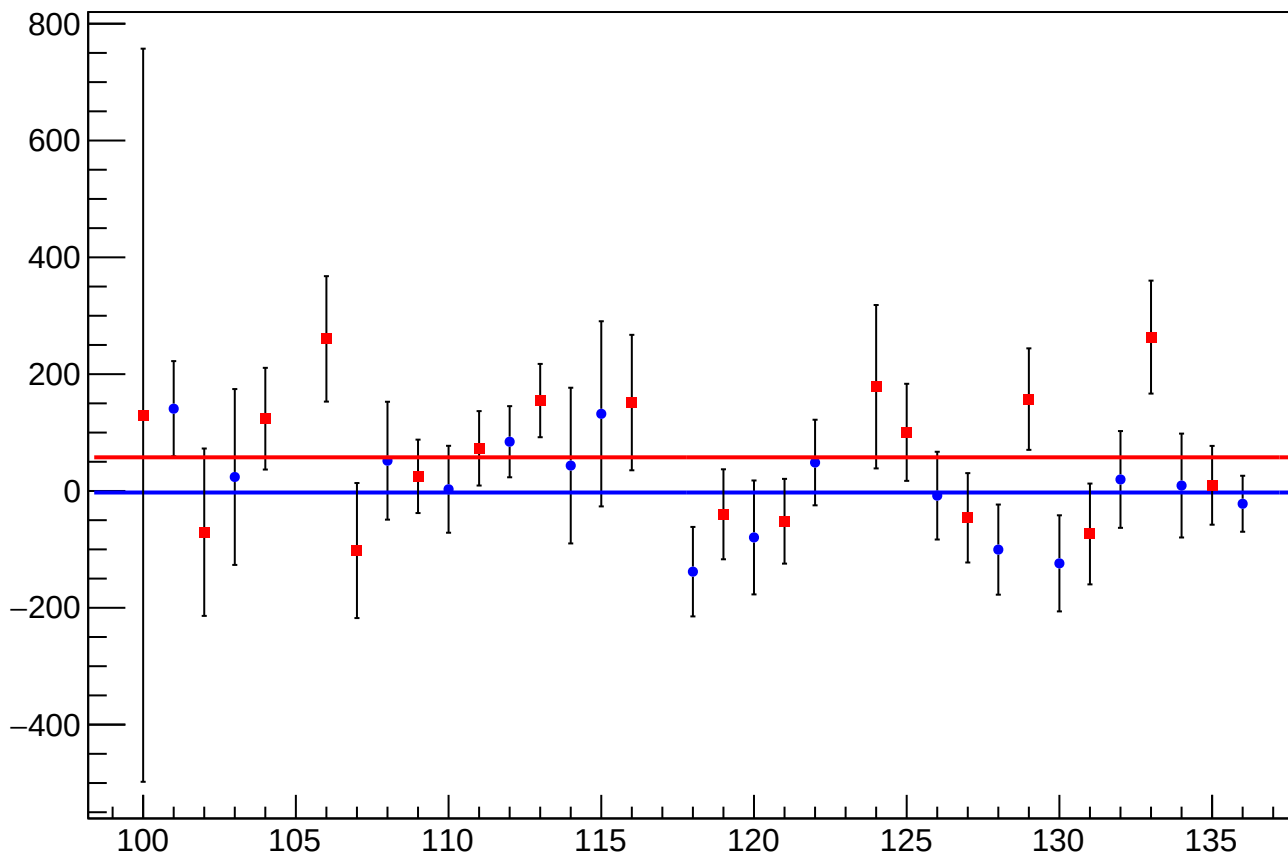
Right: 0.000+/-0.000 χ^2/NDF : 7796813.8/33

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 : 7796813.8/33

reg_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.614 ± 19.994 χ^2/NDF : 14.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 57.632 ± 20.035 χ^2/NDF : 25.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

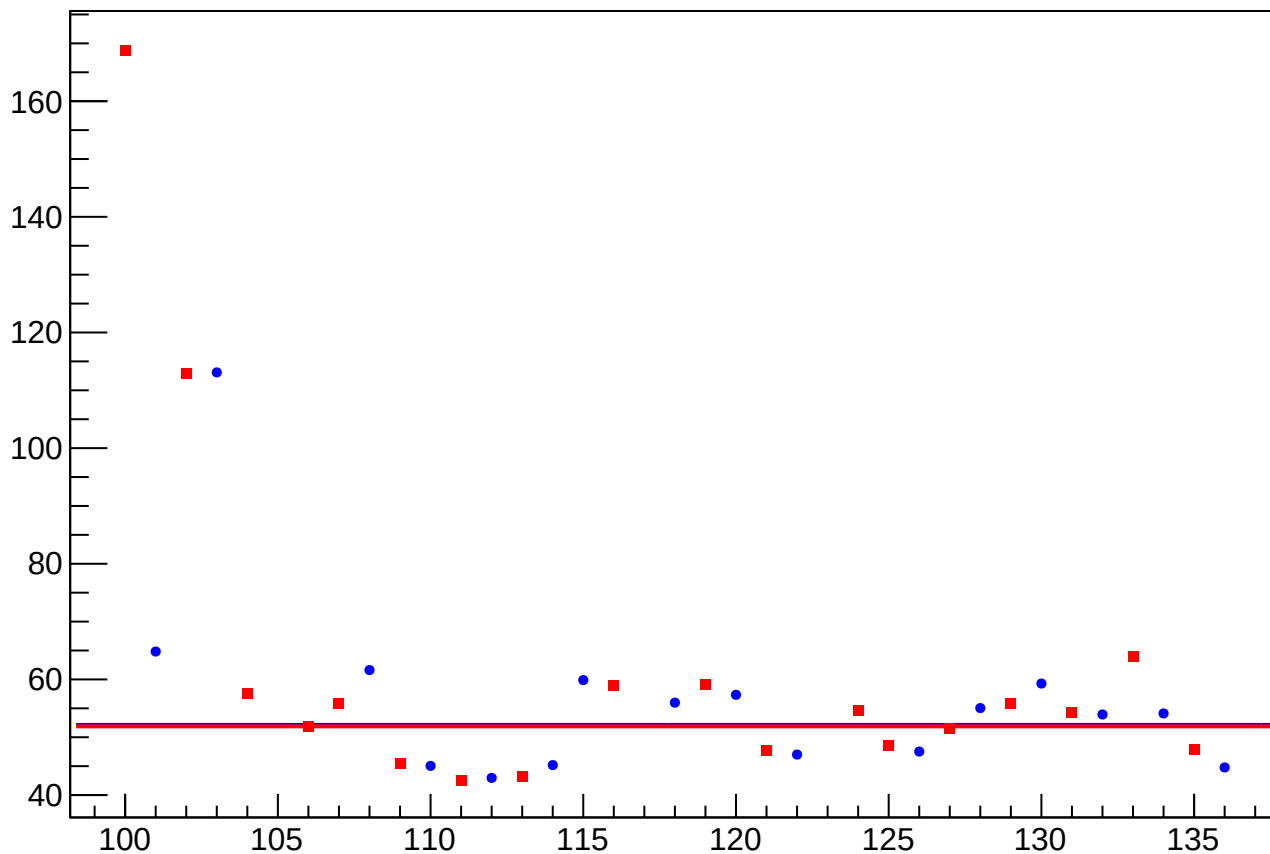
Right: 27.448 ± 14.153 χ^2/NDF : 44.7/33

In: -2.614 ± 19.994 χ^2/NDF : 14.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 27.448 ± 14.153 χ^2/NDF : 44.7/33

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: 51.888+/-0.014 χ^2/NDF : 625659.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

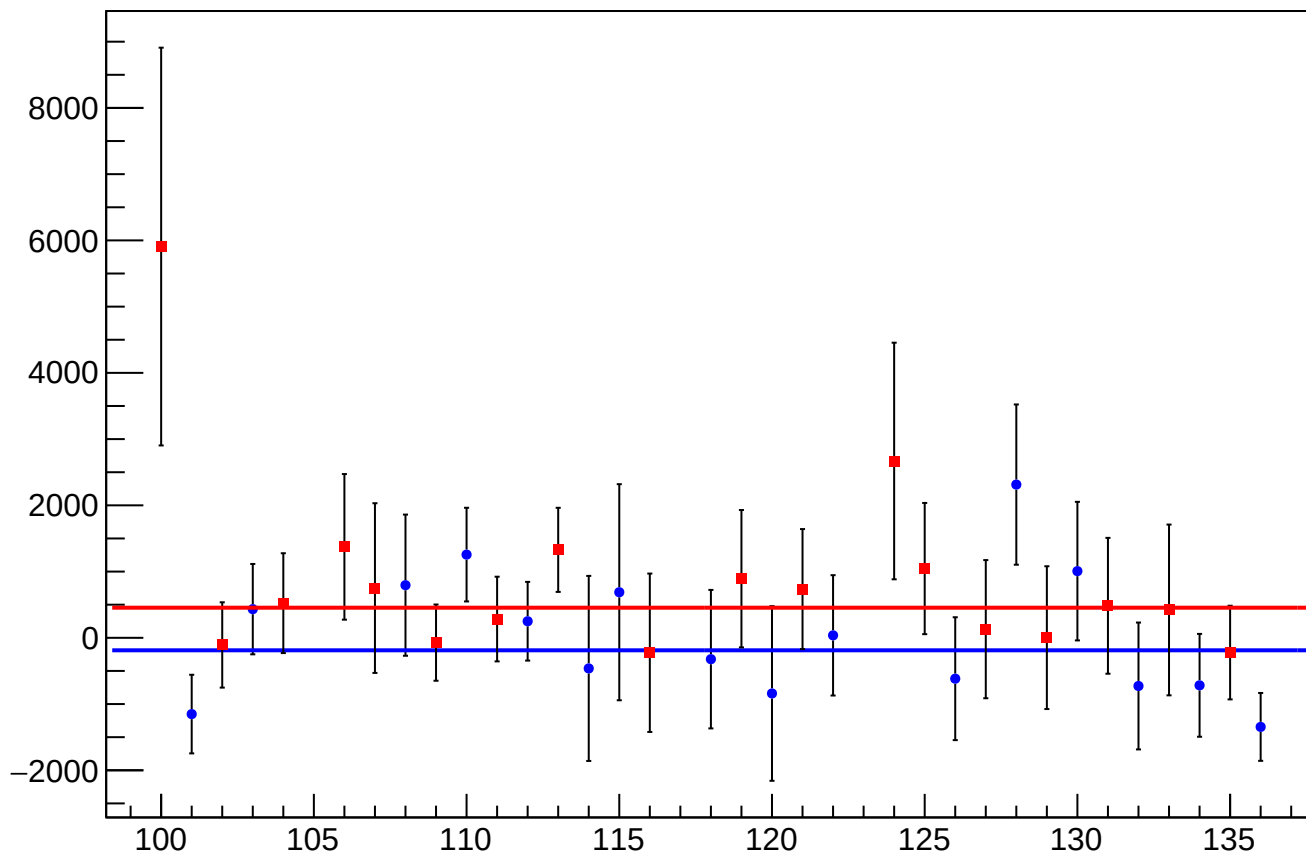
Right: 52.008+/-0.010 χ^2/NDF : 1188722.5/33

In: 52.128+/-0.014 χ^2/NDF : 562918.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.008+/-0.010 χ^2/NDF : 1188722.5/33

asym_sam_1357_avg_reg_correction_mean vs Slug, Sign Corrected



Right In: -188.563+/-205.811 χ^2 /NDF: 21.4/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 454.680+/-207.697 χ^2 /NDF: 11.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

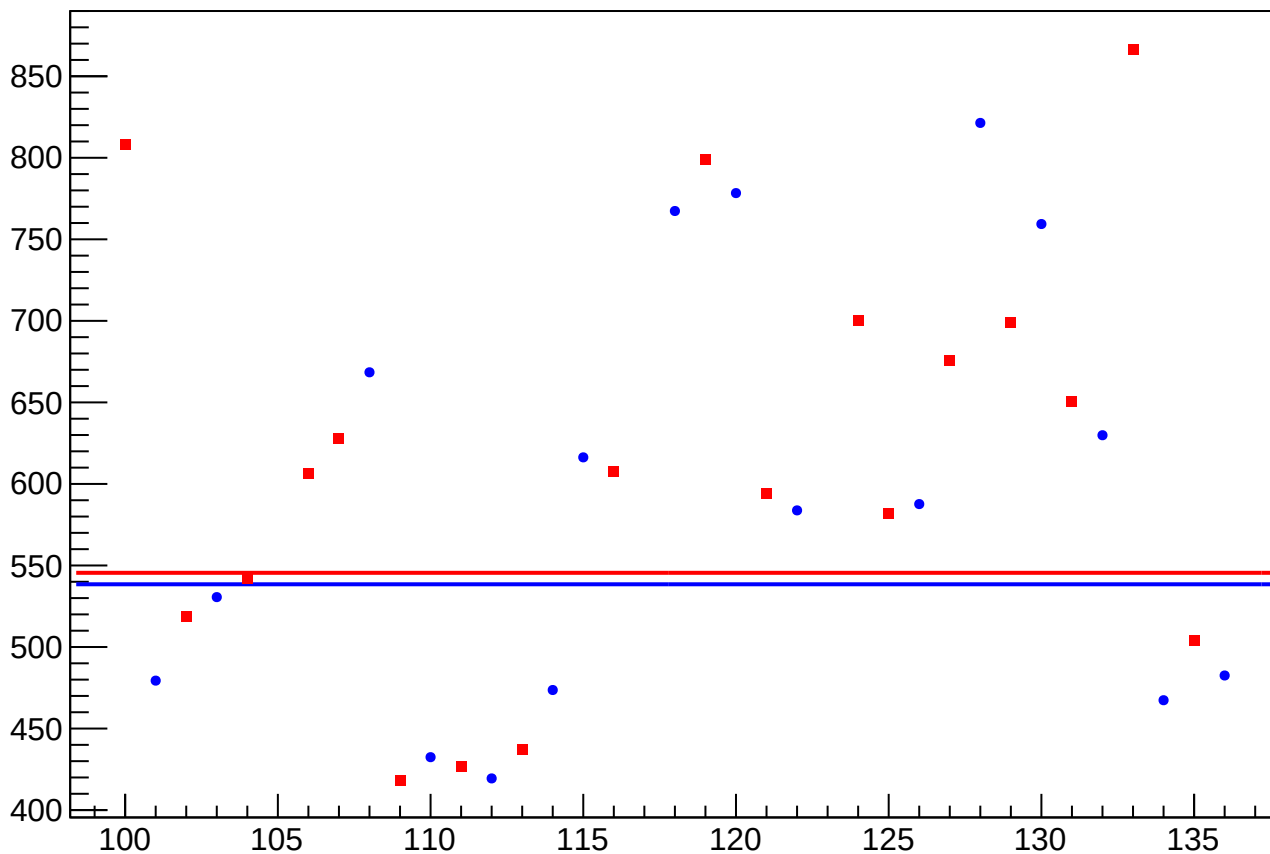
Right: 130.124+/-146.192 χ^2 /NDF: 37.5/33

In: -188.563+/-205.811 χ^2 /NDF:21.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 130.124+/-146.192 χ^2 /NDF: 37.5/33

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: 545.499+/-0.147 χ^2/NDF : 630561.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

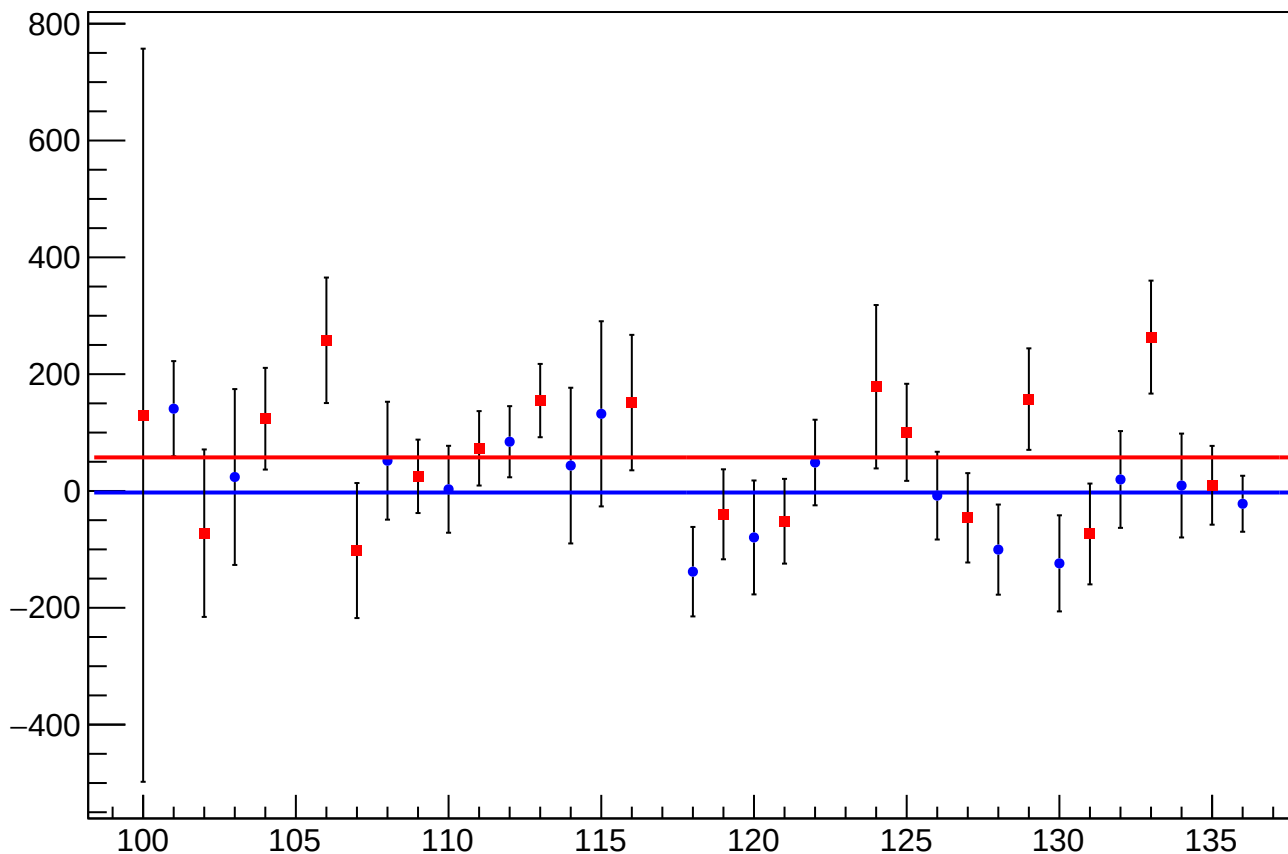
Right: 541.951+/-0.103 χ^2/NDF : 1245713.3/33

In: 538.468+/-0.146 χ^2/NDF : 613995.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.951+/-0.103 χ^2/NDF : 1245713.3/33

cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.618 ± 19.995 $\chi^2/\text{NDF}: 14.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 57.512 ± 20.036 $\chi^2/\text{NDF}: 25.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

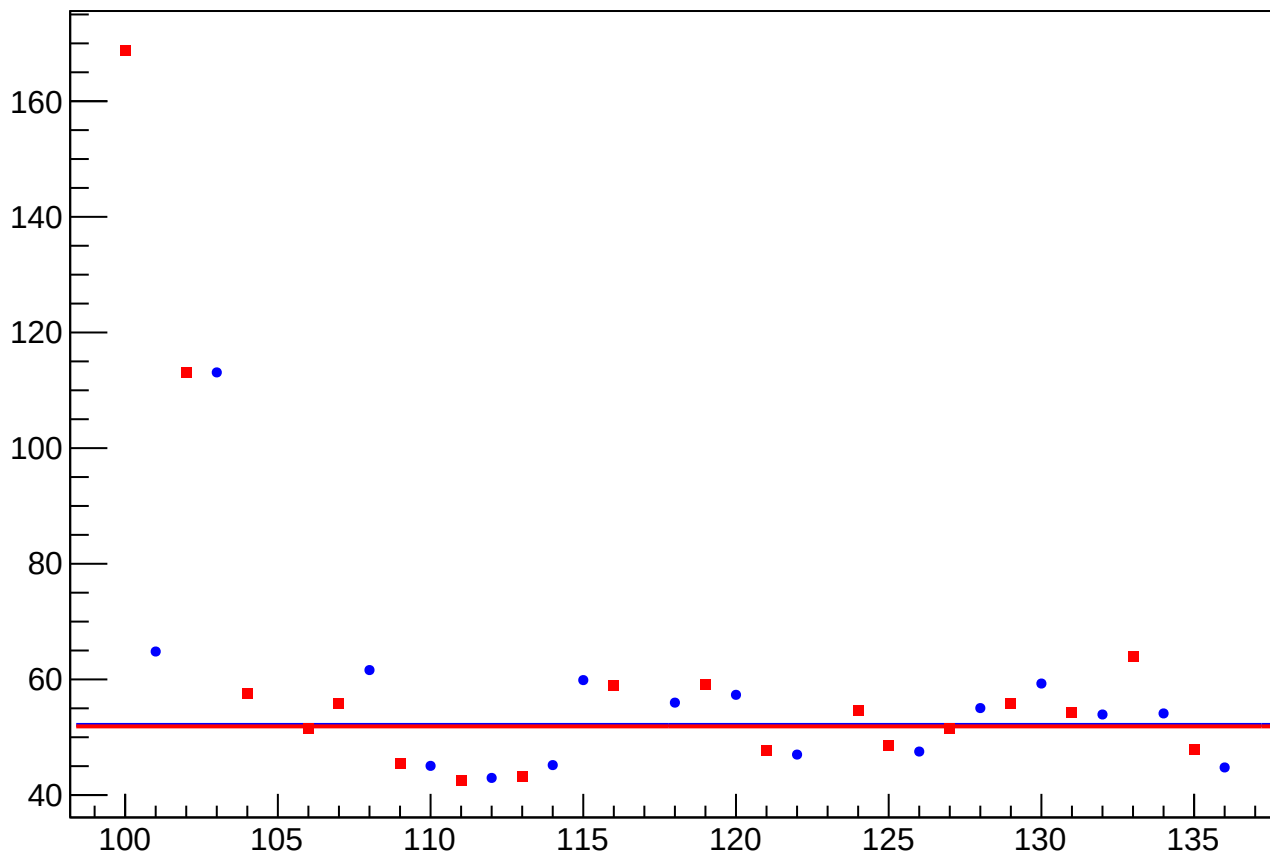
Right: 27.384 ± 14.153 $\chi^2/\text{NDF}: 44.7/33$

In: -2.618 ± 19.995 $\chi^2/\text{NDF}: 14.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 27.384 ± 14.153 $\chi^2/\text{NDF}: 44.7/33$

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: 51.877+/-0.014 χ^2/NDF : 625915.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

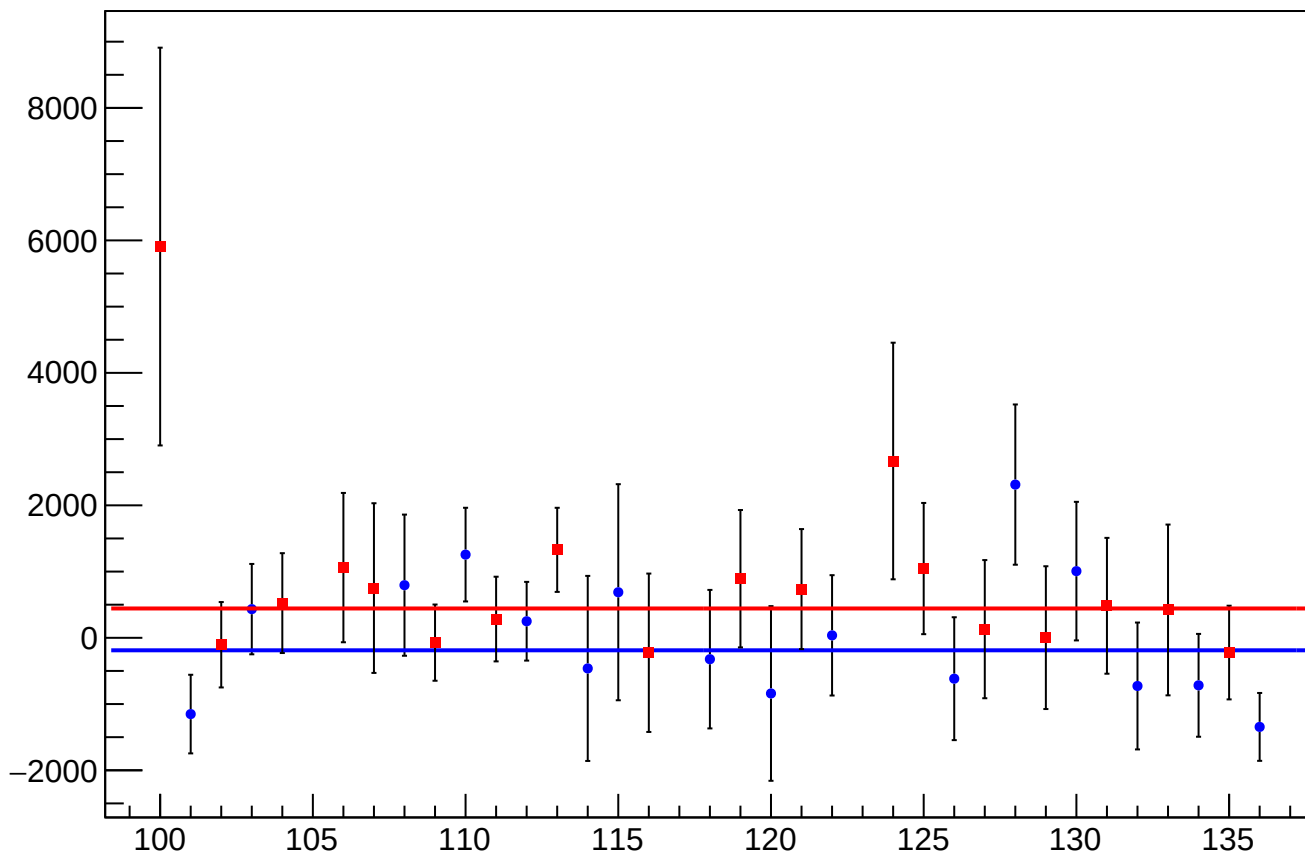
Right: 52.003+/-0.010 χ^2/NDF : 1188993.8/33

In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.003+/-0.010 χ^2/NDF : 1188993.8/33

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: 442.890+/-207.901 χ^2 /NDF: 10.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

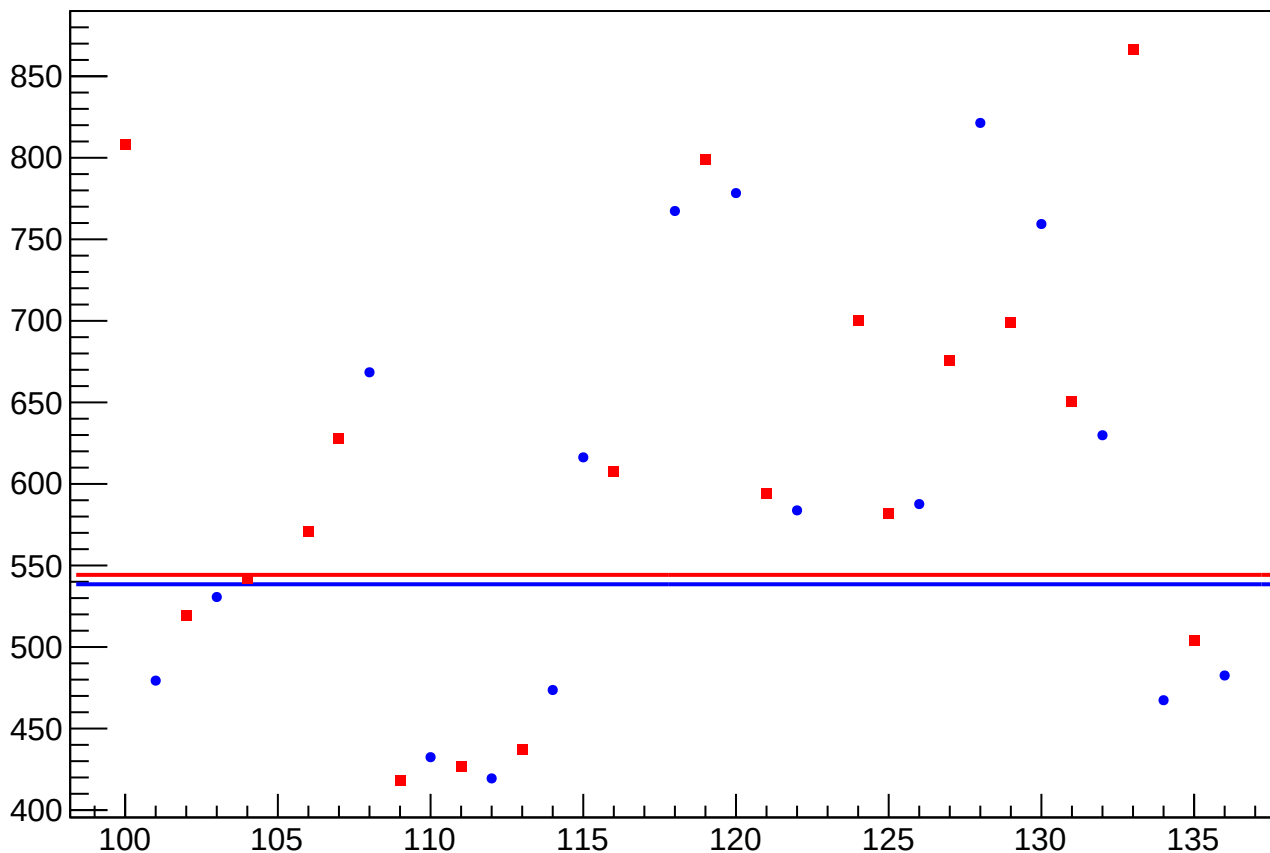
Right: 123.988+/-146.264 χ^2 /NDF: 36.9/33

In: -188.541+/-205.813 χ^2 /NDF:21.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 123.988+/-146.264 χ^2 /NDF: 36.9/33

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: 544.242+/-0.147 χ^2/NDF : 625267.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

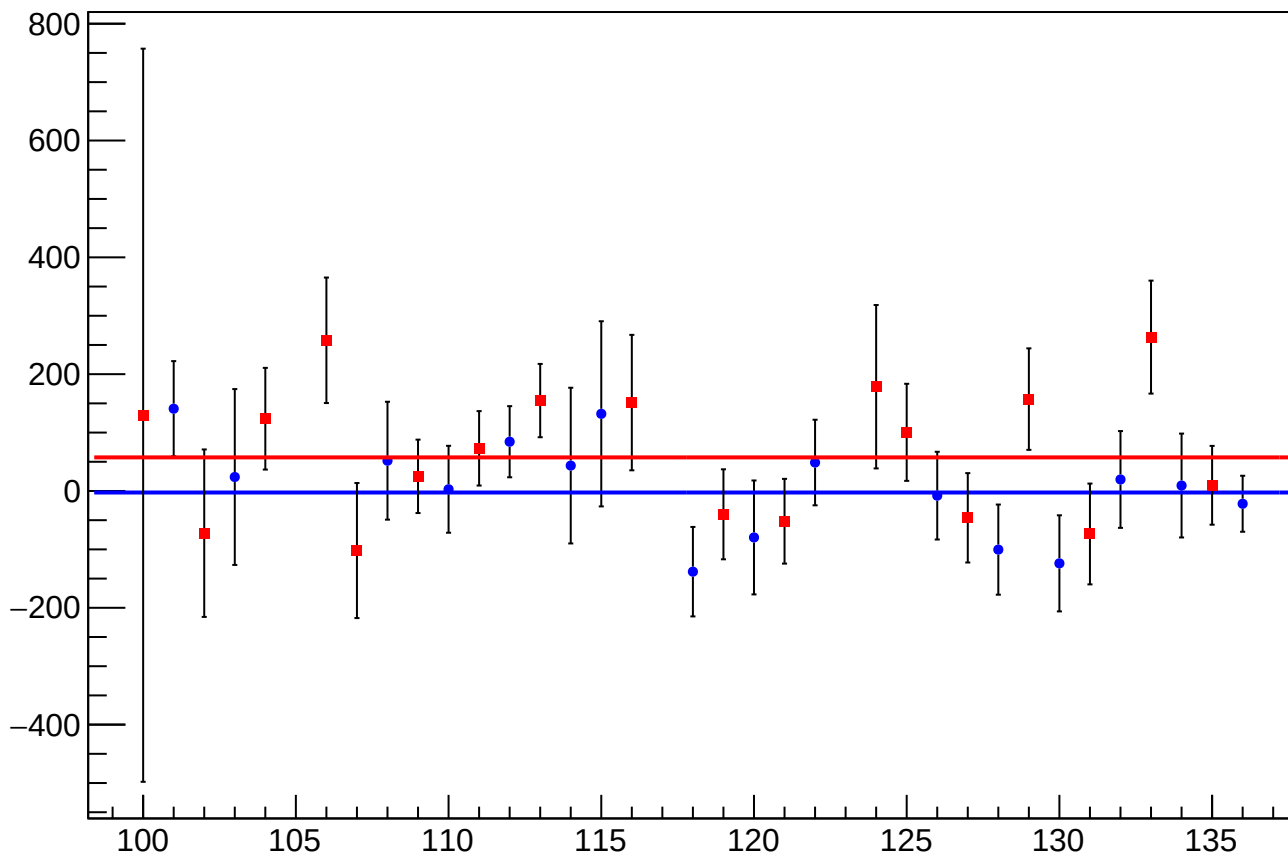
Right: 541.328+/-0.103 χ^2/NDF : 1240036.1/33

In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.328+/-0.103 χ^2/NDF : 1240036.1/33

eigen_cor_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: -2.618 ± 19.995 $\chi^2/\text{NDF}: 14.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 57.512 ± 20.036 $\chi^2/\text{NDF}: 25.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

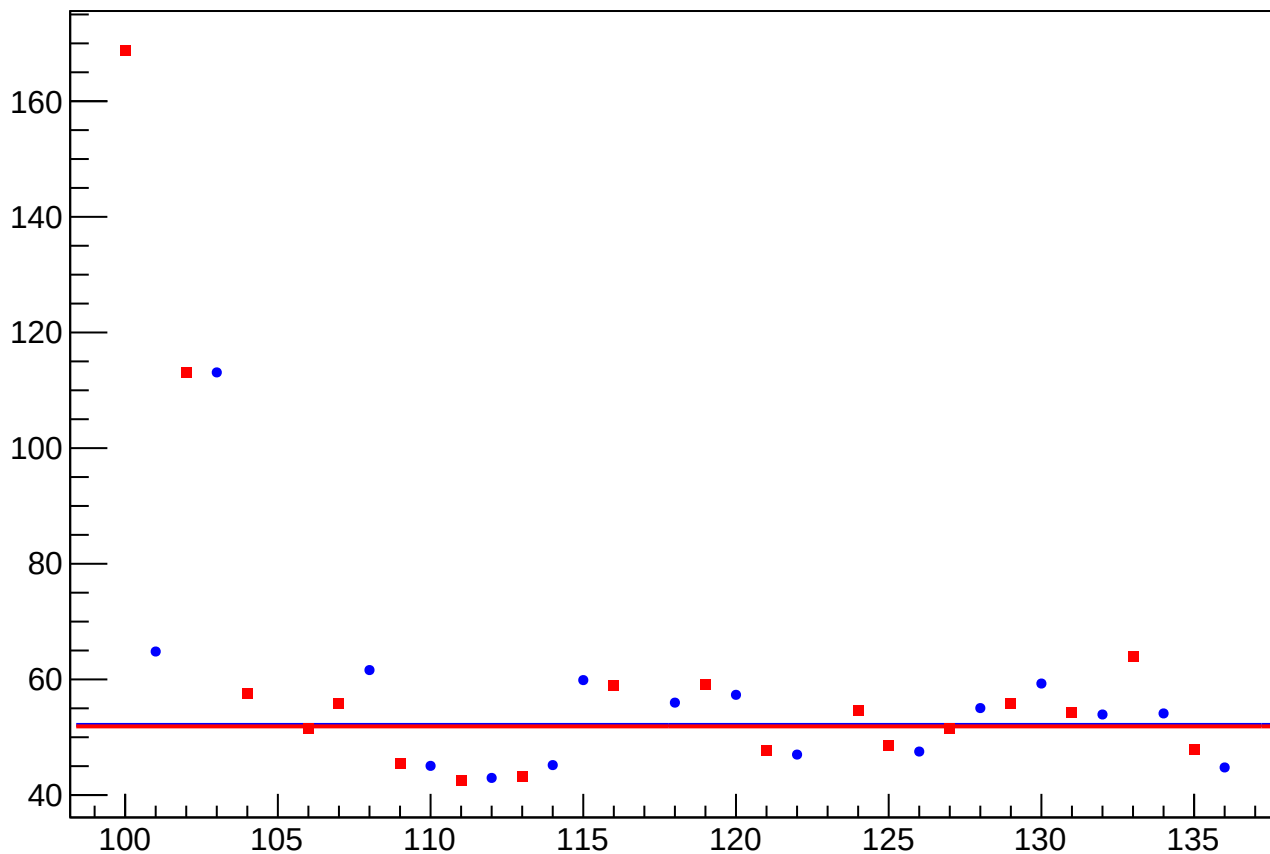
Right: 27.384 ± 14.153 $\chi^2/\text{NDF}: 44.7/33$

In: -2.618 ± 19.995 $\chi^2/\text{NDF}: 14.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 27.384 ± 14.153 $\chi^2/\text{NDF}: 44.7/33$

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: 51.877+/-0.014 χ^2/NDF : 625915.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

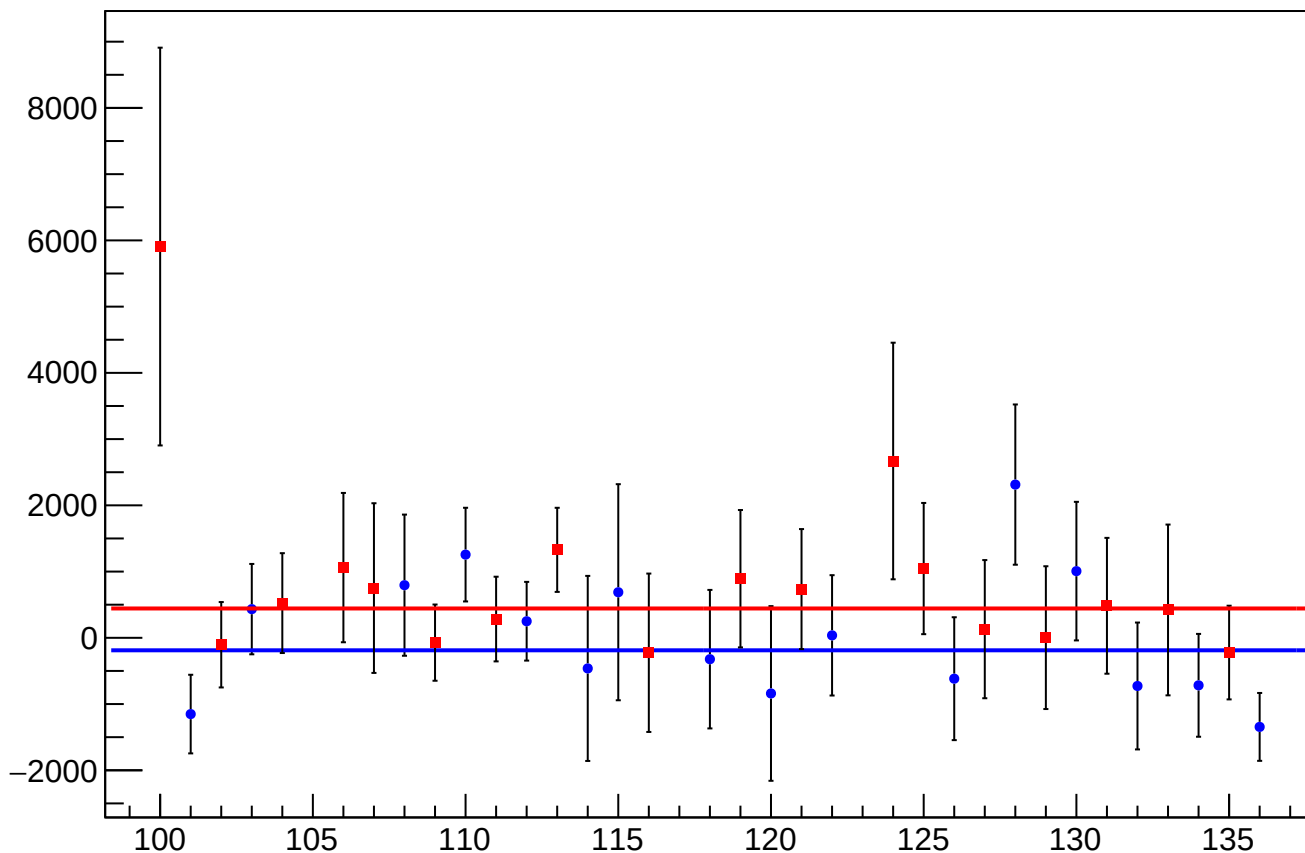
Right: 52.003+/-0.010 χ^2/NDF : 1188993.8/33

In: 52.128+/-0.014 χ^2/NDF : 562920.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.003+/-0.010 χ^2/NDF : 1188993.8/33

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: 442.890+/-207.901 χ^2/NDF : 10.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

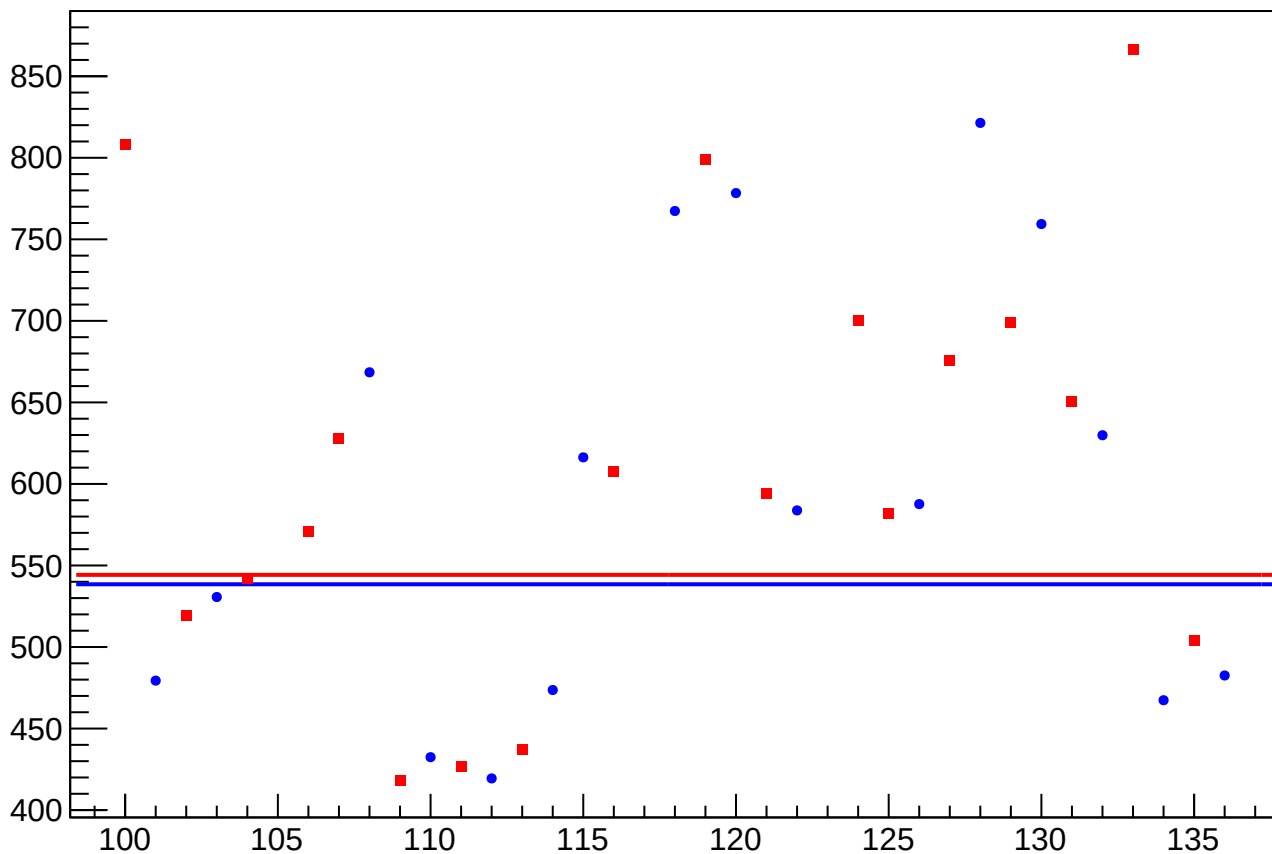
Right: 123.988+/-146.264 χ^2/NDF : 36.9/33

In: -188.541+/-205.813 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.988+/-146.264 χ^2/NDF : 36.9/33

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: 544.242+/-0.147 χ^2/NDF : 625267.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

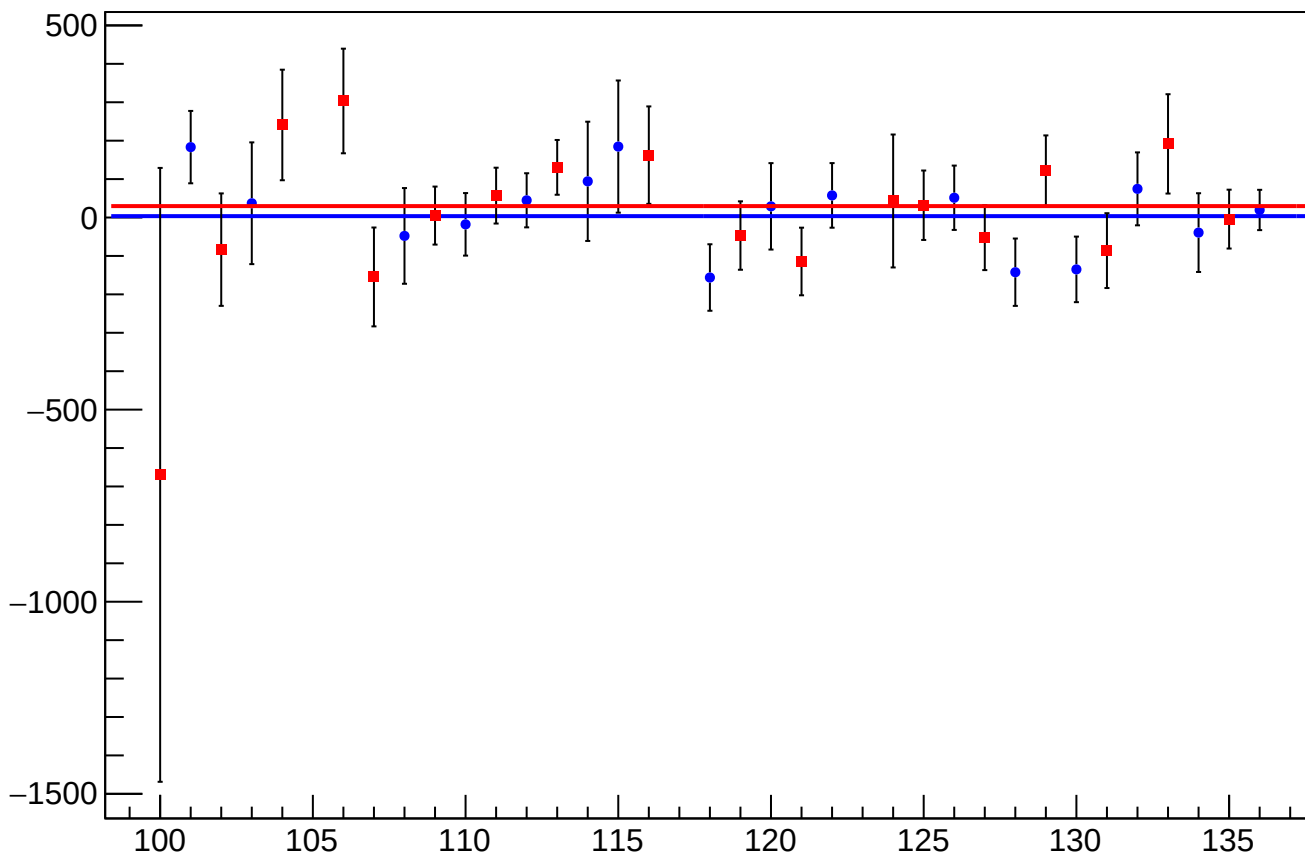
Right: 541.328+/-0.103 χ^2/NDF : 1240036.1/33

In: 538.473+/-0.146 χ^2/NDF : 613991.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 541.328+/-0.103 χ^2/NDF : 1240036.1/33

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: 29.731 $\pm$ 23.308 χ^2 /NDF: 21.5/17

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

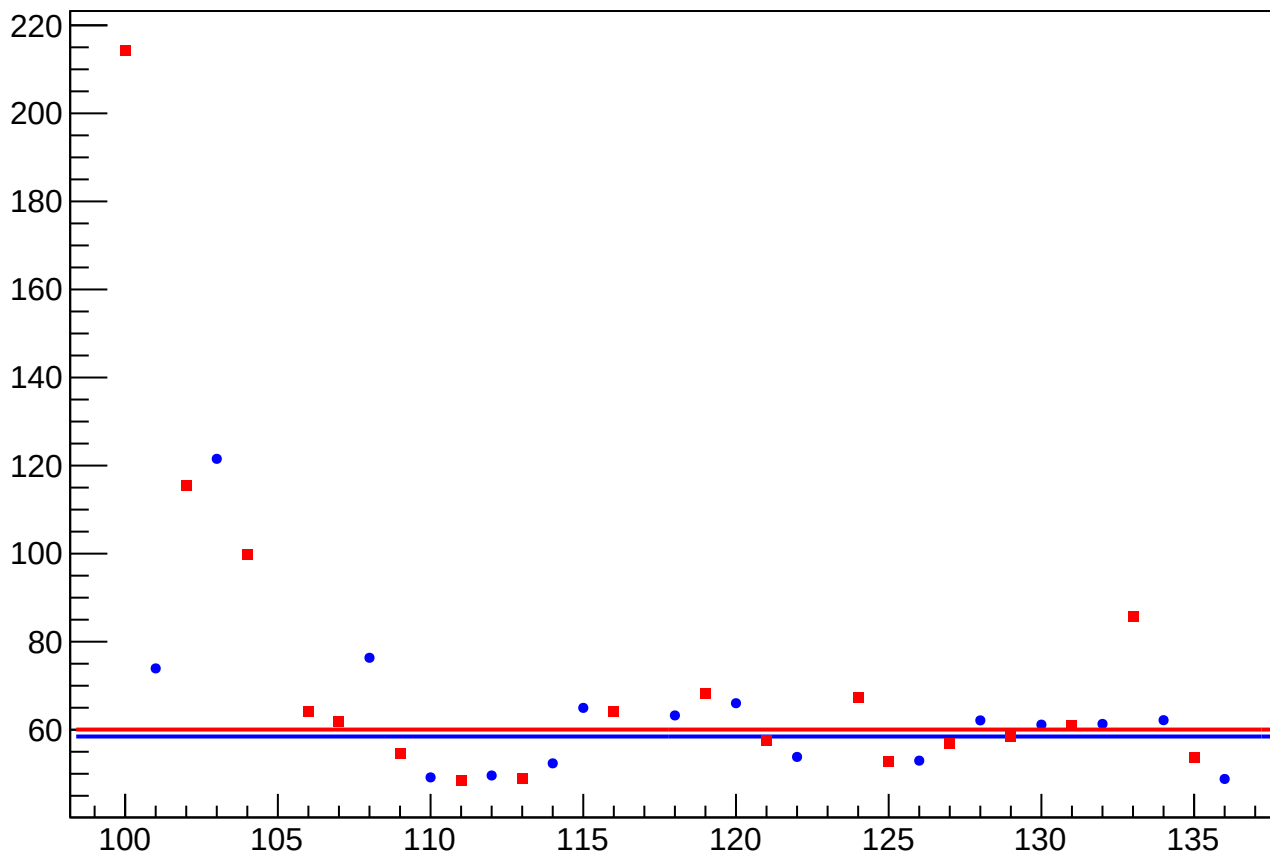
Right: 16.192 $\pm$ 16.181 χ^2 /NDF: 38.3/33

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: 16.192 $\pm$ 16.181 χ^2 /NDF: 38.3/33

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: 60.043+/-0.016 χ^2/NDF : 759730.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

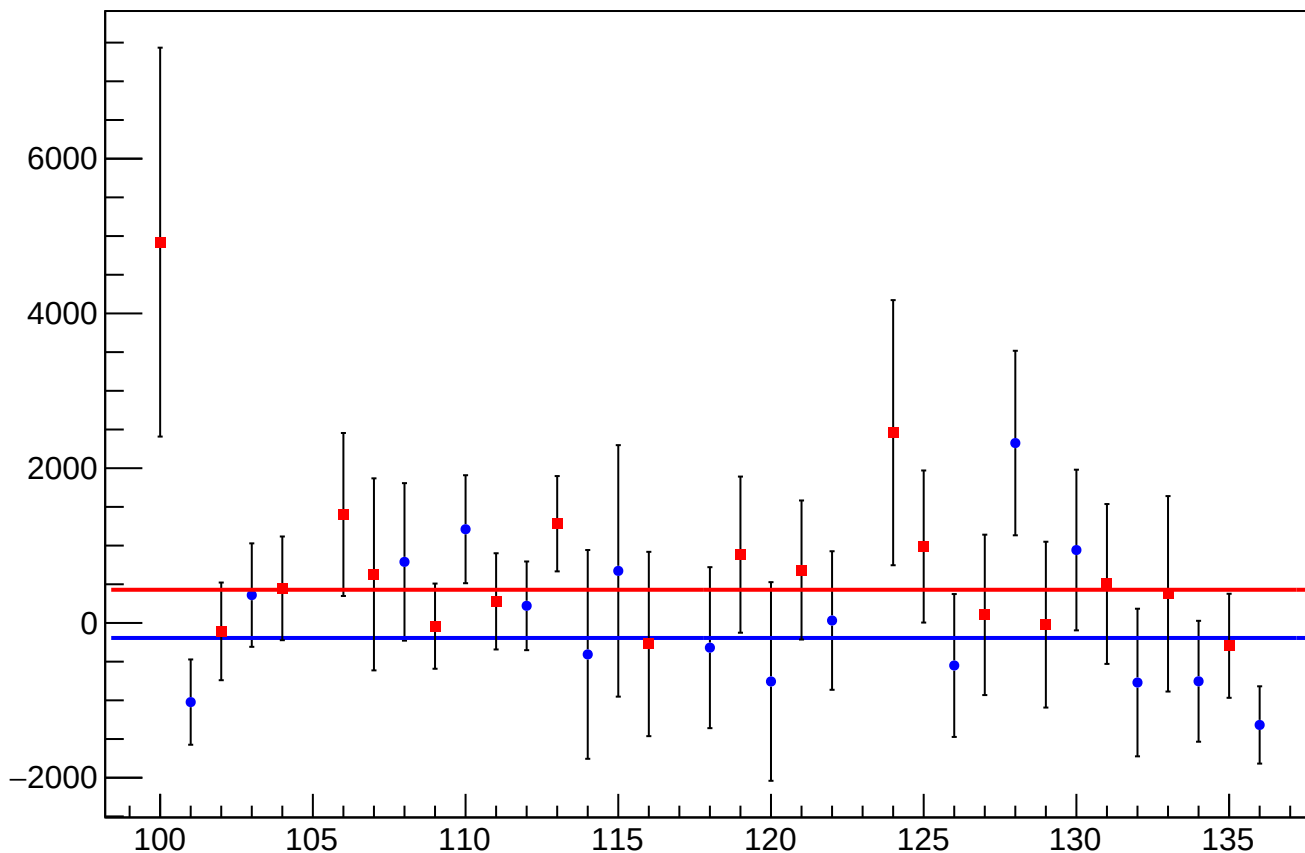
Right: 59.226+/-0.011 χ^2/NDF : 1347462.7/33

In: 58.465+/-0.016 χ^2/NDF : 582984.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.226+/-0.011 χ^2/NDF : 1347462.7/33

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: 428.892 ± 200.596 χ^2/NDF : 11.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

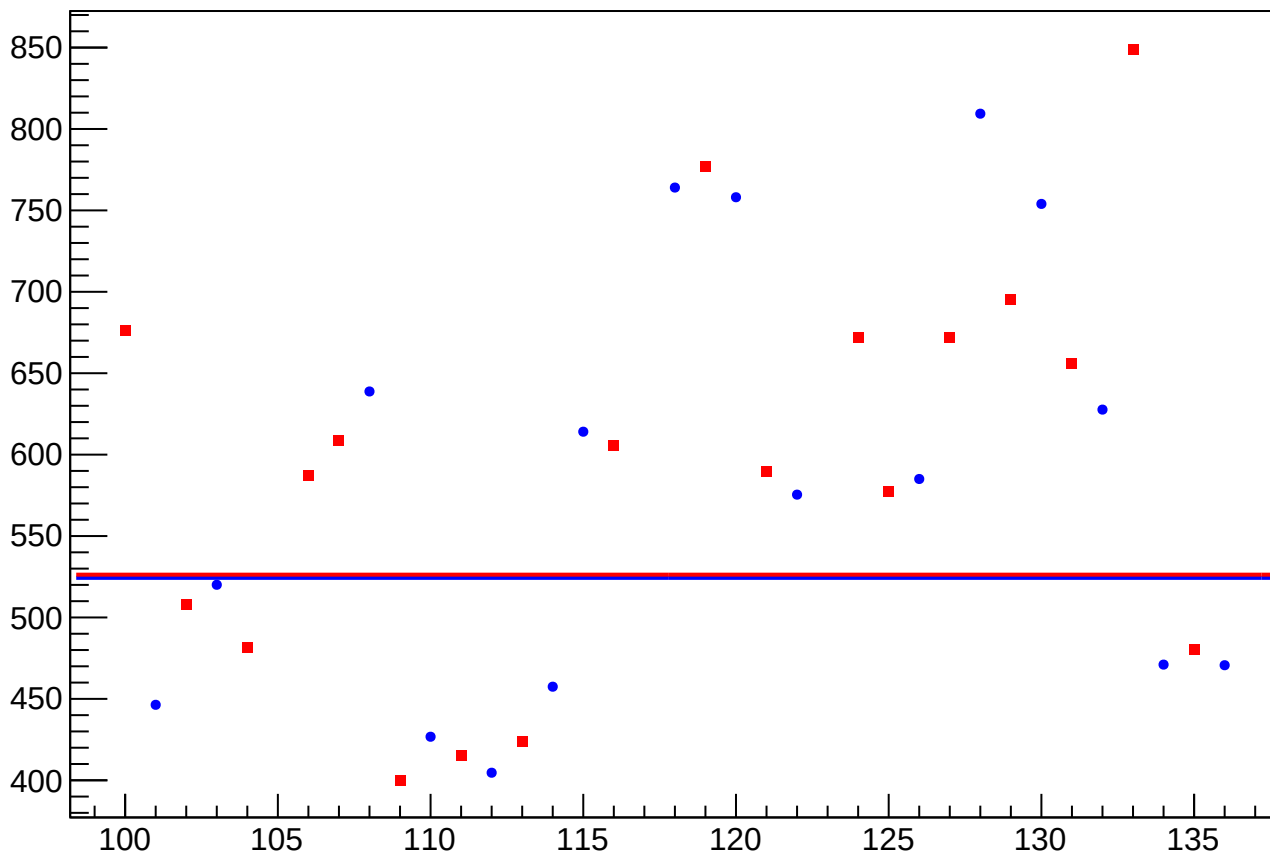
Right: 117.508 ± 141.845 χ^2/NDF : 36.9/33

In: -193.899 ± 200.604 χ^2/NDF : 20.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 117.508 ± 141.845 χ^2/NDF : 36.9/33

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: 526.289+/-0.142 χ^2/NDF : 680554.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

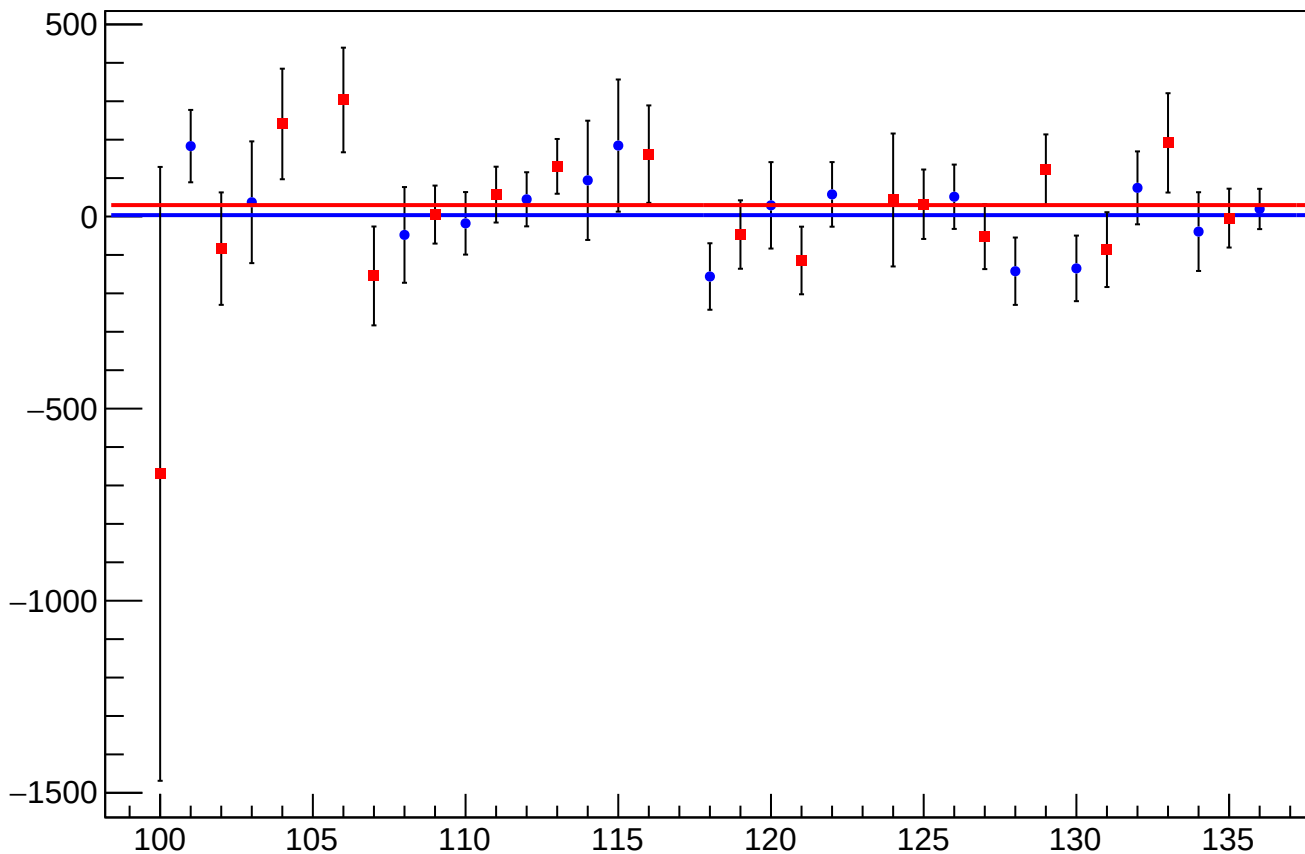
Right: 525.308+/-0.100 χ^2/NDF : 1339138.9/33

In: 524.326+/-0.142 χ^2/NDF :658488.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 525.308+/-0.100 χ^2/NDF : 1339138.9/33

eigen_dit_asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 3.597+/-22.480 χ^2/NDF : 16.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.729+/-23.308 χ^2/NDF : 21.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

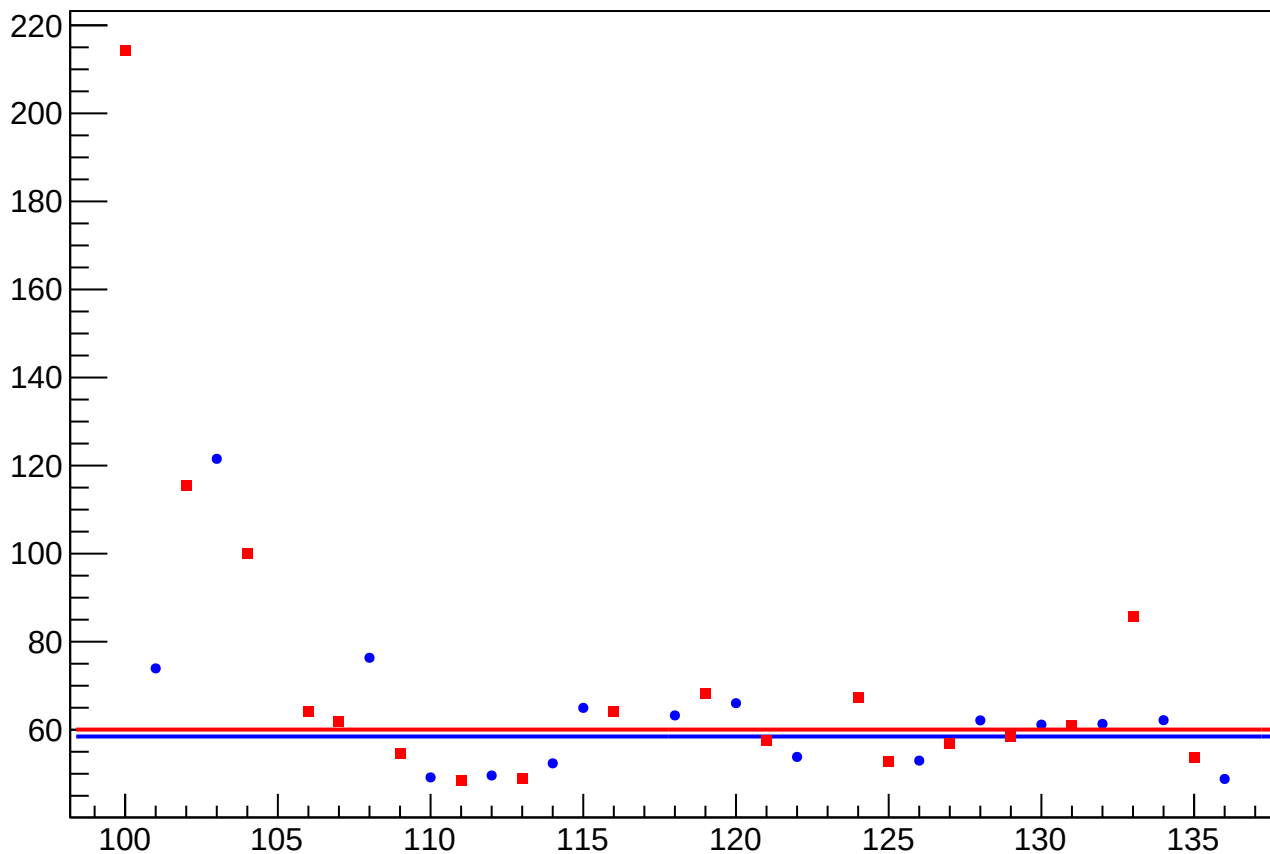
Right: 16.191+/-16.181 χ^2/NDF : 38.3/33

In: 3.597+/-22.480 χ^2/NDF : 16.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.191+/-16.181 χ^2/NDF : 38.3/33

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: 60.043+/-0.016 χ^2/NDF : 759730.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

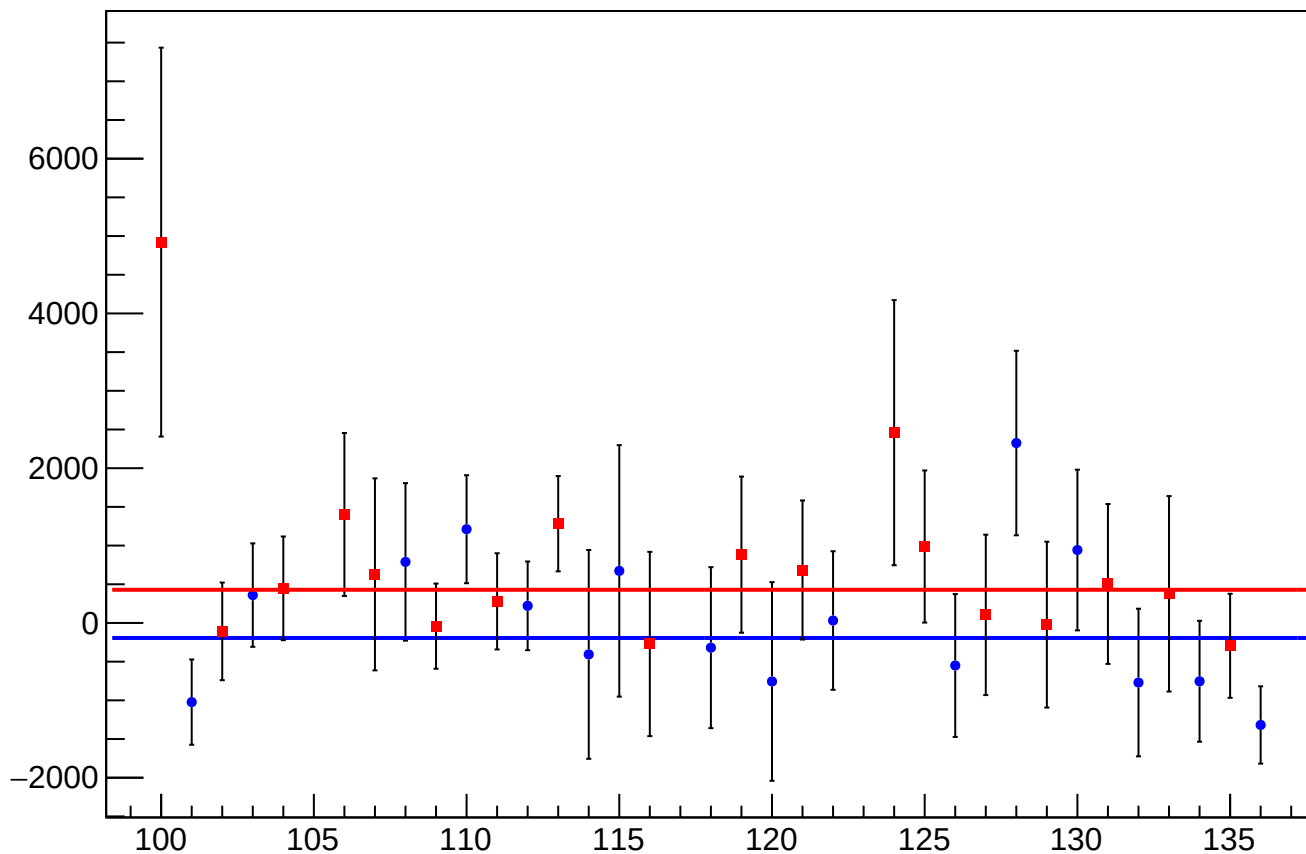
Right: 59.226+/-0.011 χ^2/NDF : 1347459.4/33

In: 58.466+/-0.016 χ^2/NDF : 582980.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.226+/-0.011 χ^2/NDF : 1347459.4/33

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: 428.891 ± 200.596 χ^2/NDF : 11.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

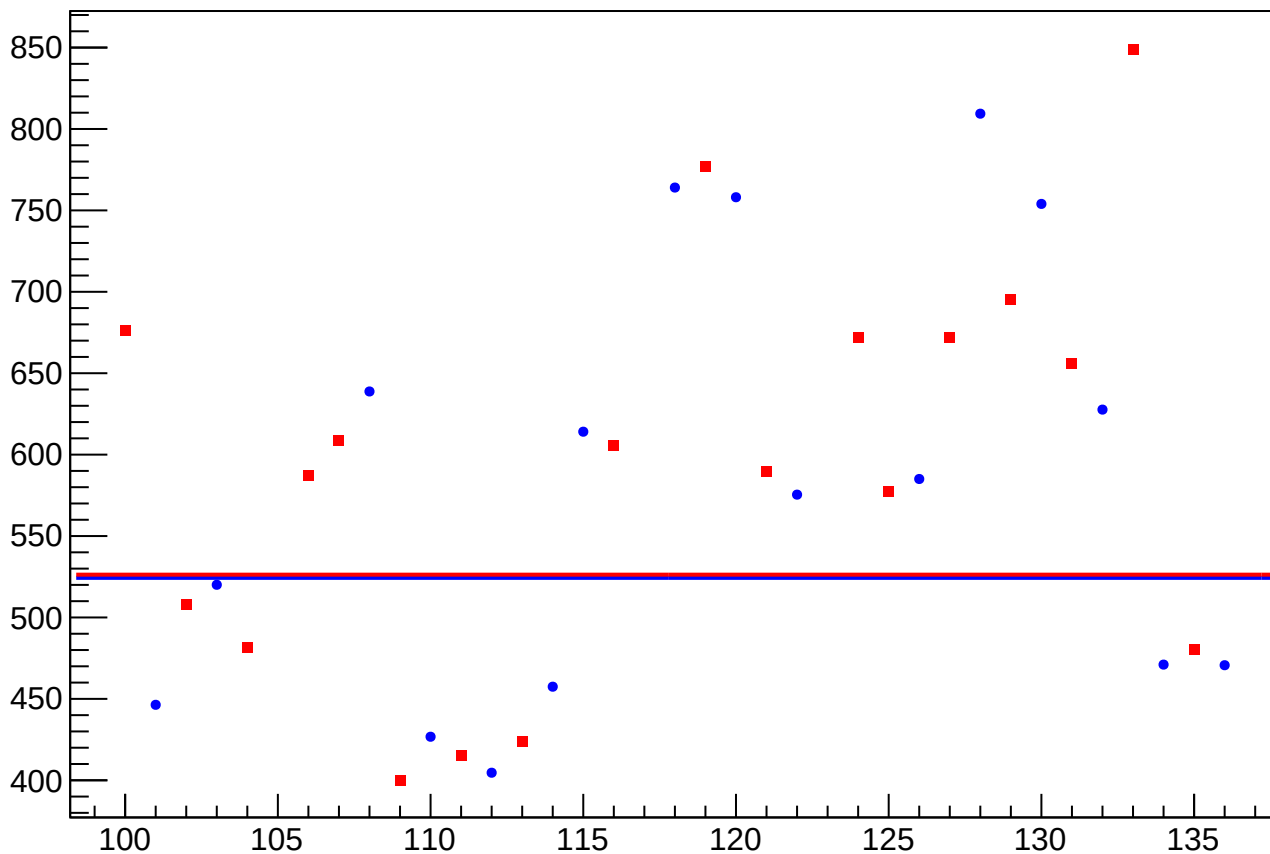
Right: 117.508 ± 141.845 χ^2/NDF : 36.9/33

In: -193.899 ± 200.603 χ^2/NDF : 20.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 117.508 ± 141.845 χ^2/NDF : 36.9/33

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: 526.288+/-0.142 χ^2/NDF : 680557.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

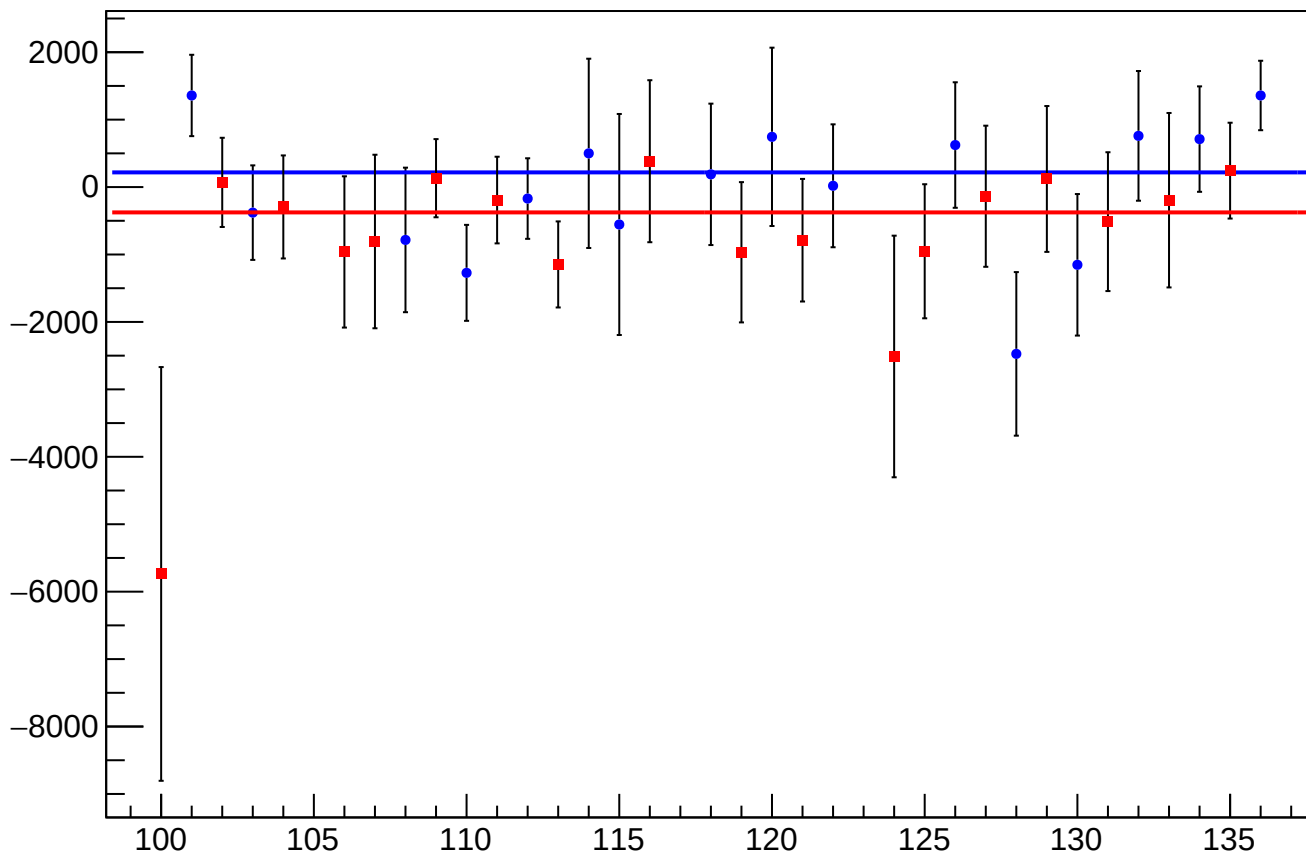
Right: 525.307+/-0.100 χ^2/NDF : 1339146.9/33

In: 524.325+/-0.142 χ^2/NDF : 658493.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 525.307+/-0.100 χ^2/NDF : 1339146.9/33

asym_sam_1357_avg_mean vs Slug, Sign Corrected



Right In: 217.756 $\pm$ 207.492 χ^2 /NDF: 22.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -375.683 $\pm$ 209.427 χ^2 /NDF: 10.0/17

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

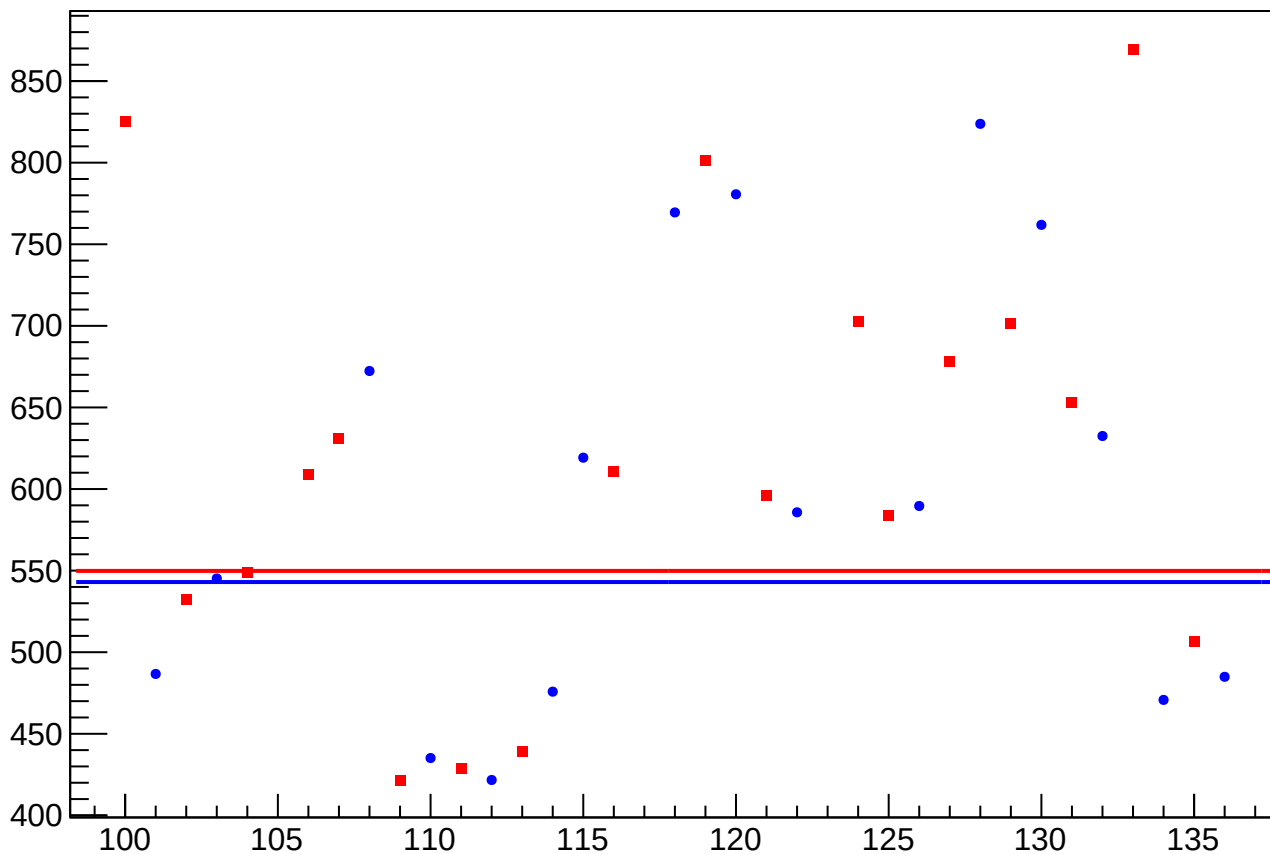
Right: -76.209 $\pm$ 147.398 χ^2 /NDF: 36.9/33

In: 217.756 $\pm$ 207.492 χ^2 /NDF:22.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -76.209 $\pm$ 147.398 χ^2 /NDF: 36.9/33

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: 549.826 $\pm$ 0.148 χ^2 /NDF: 623289.4/17

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

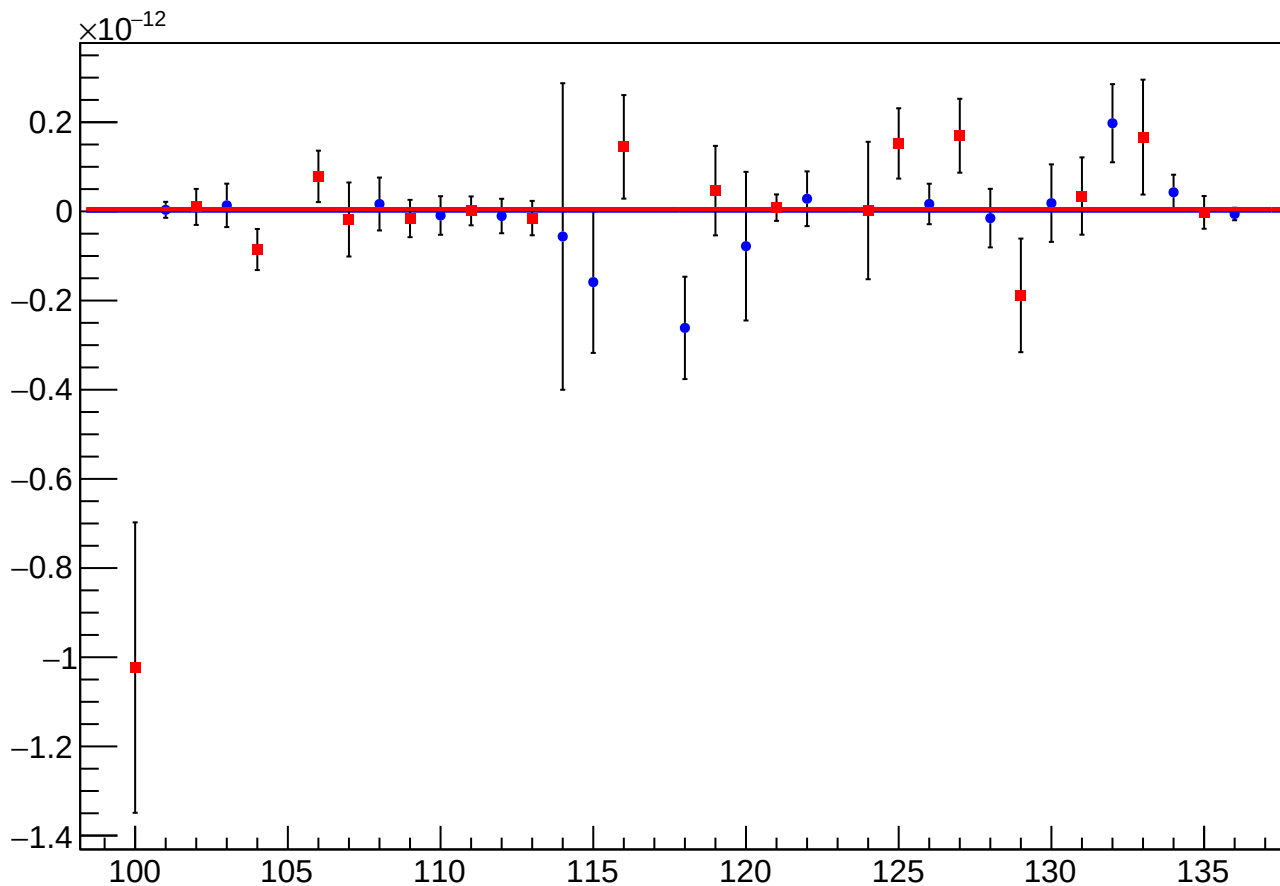
Right: 546.380 $\pm$ 0.104 χ^2 /NDF: 1229613.1/33

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: 546.380 $\pm$ 0.104 χ^2 /NDF: 1229613.1/33

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/17

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

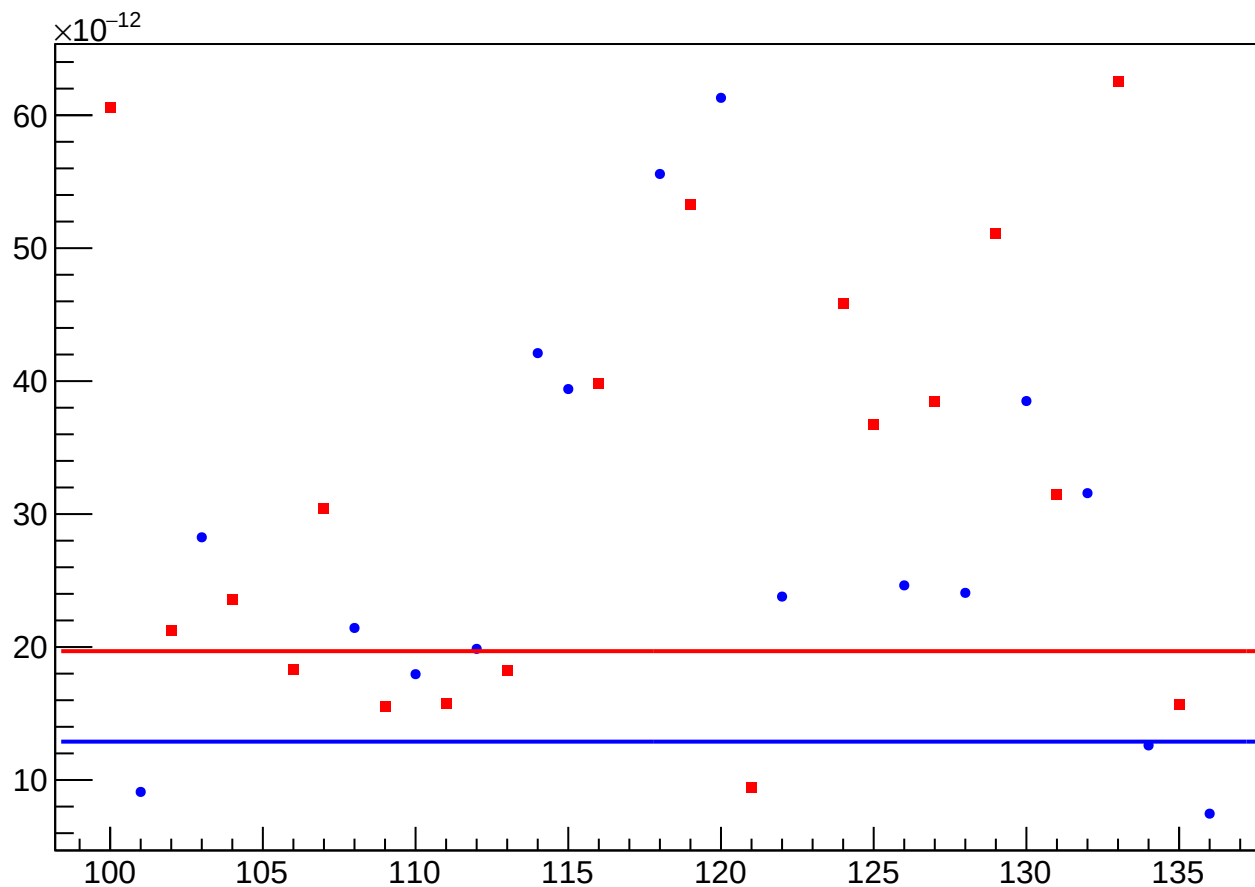
Right: 0.000 $\pm$ 0.000 χ^2 /NDF: 42.8/33

In: 0.000 $\pm$ 0.000 χ^2 /NDF:13.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 42.8/33

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 : 1316655.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

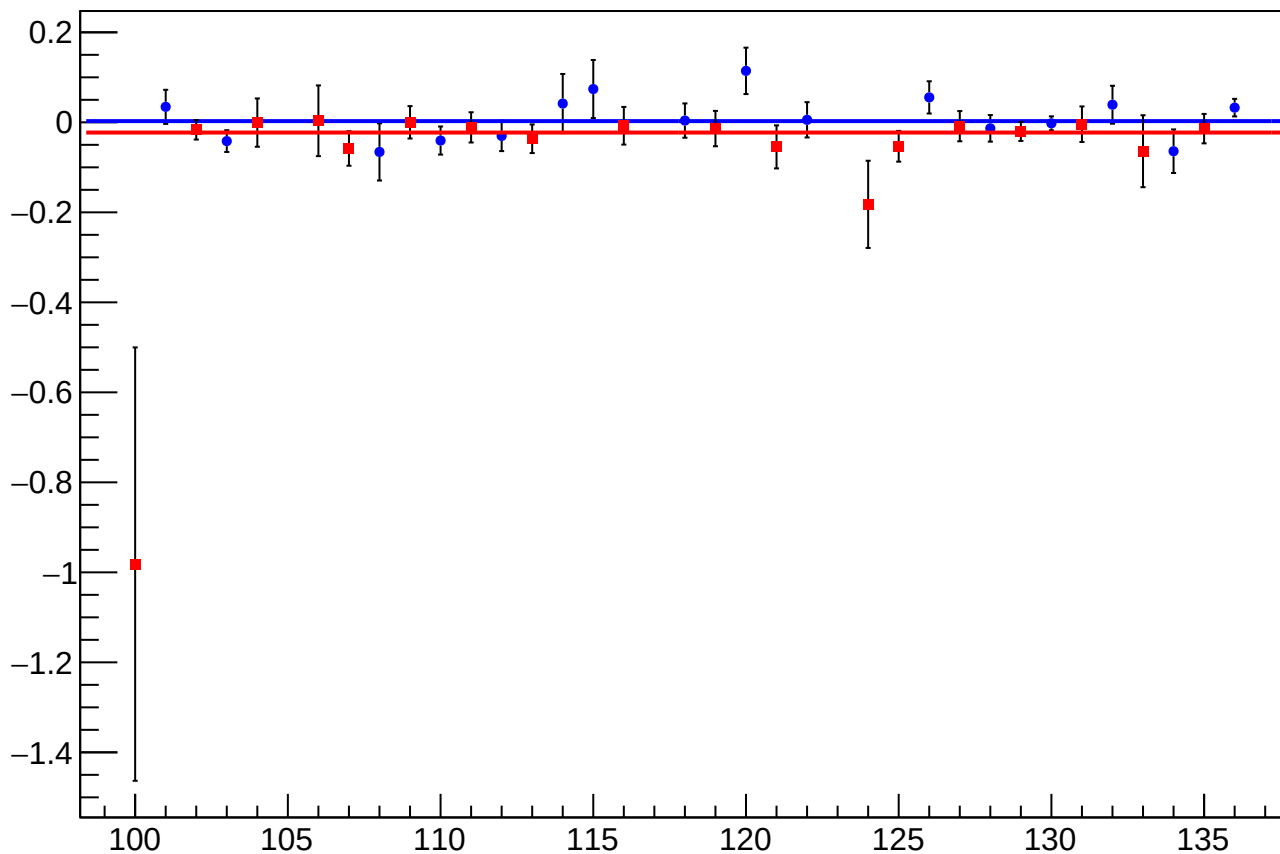
Right: 0.000+/-0.000 χ^2/NDF : 3461455.7/33

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 : 3461455.7/33

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 $\pm$ 0.009 χ^2 /NDF: 10.8/17

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

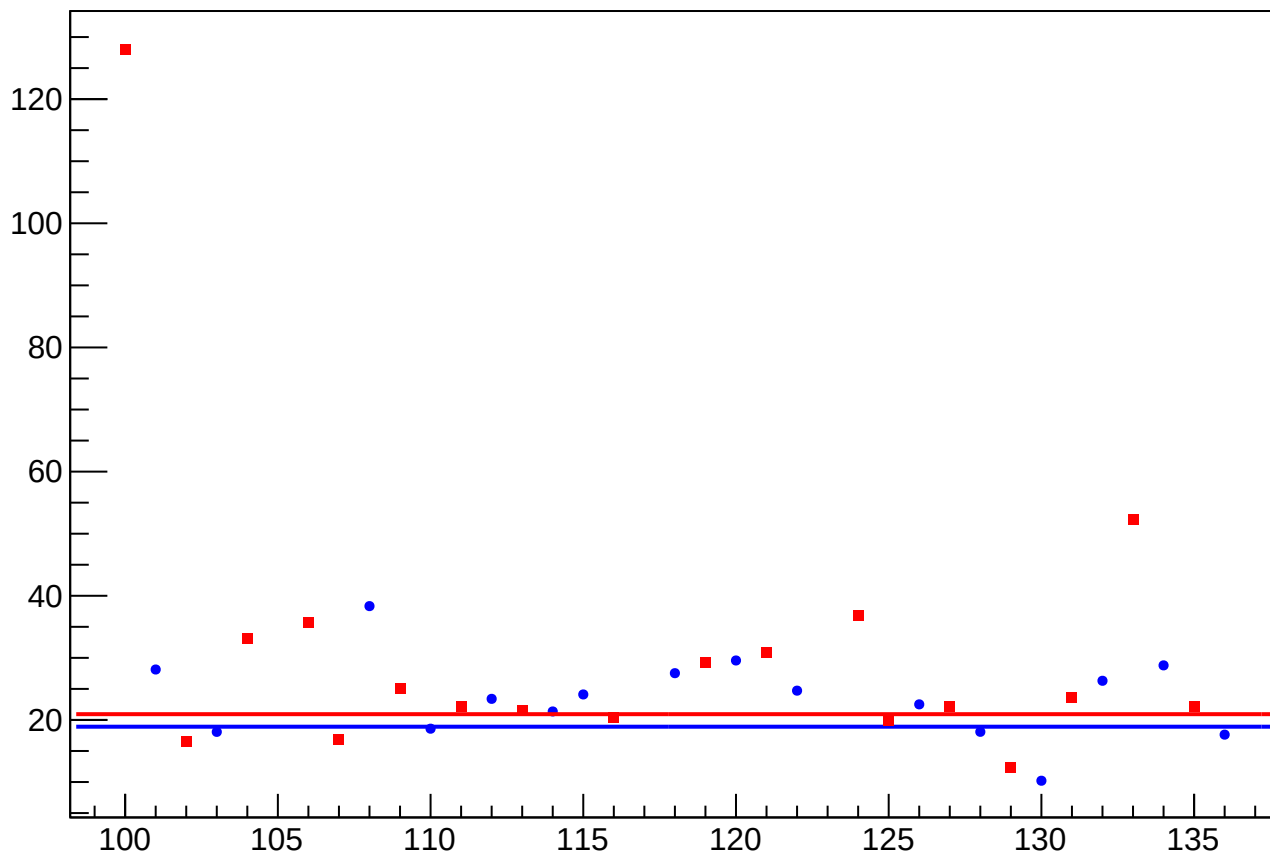
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/33

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: 37.5/33

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: 20.930+/-0.006 χ^2/NDF : 1284574.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

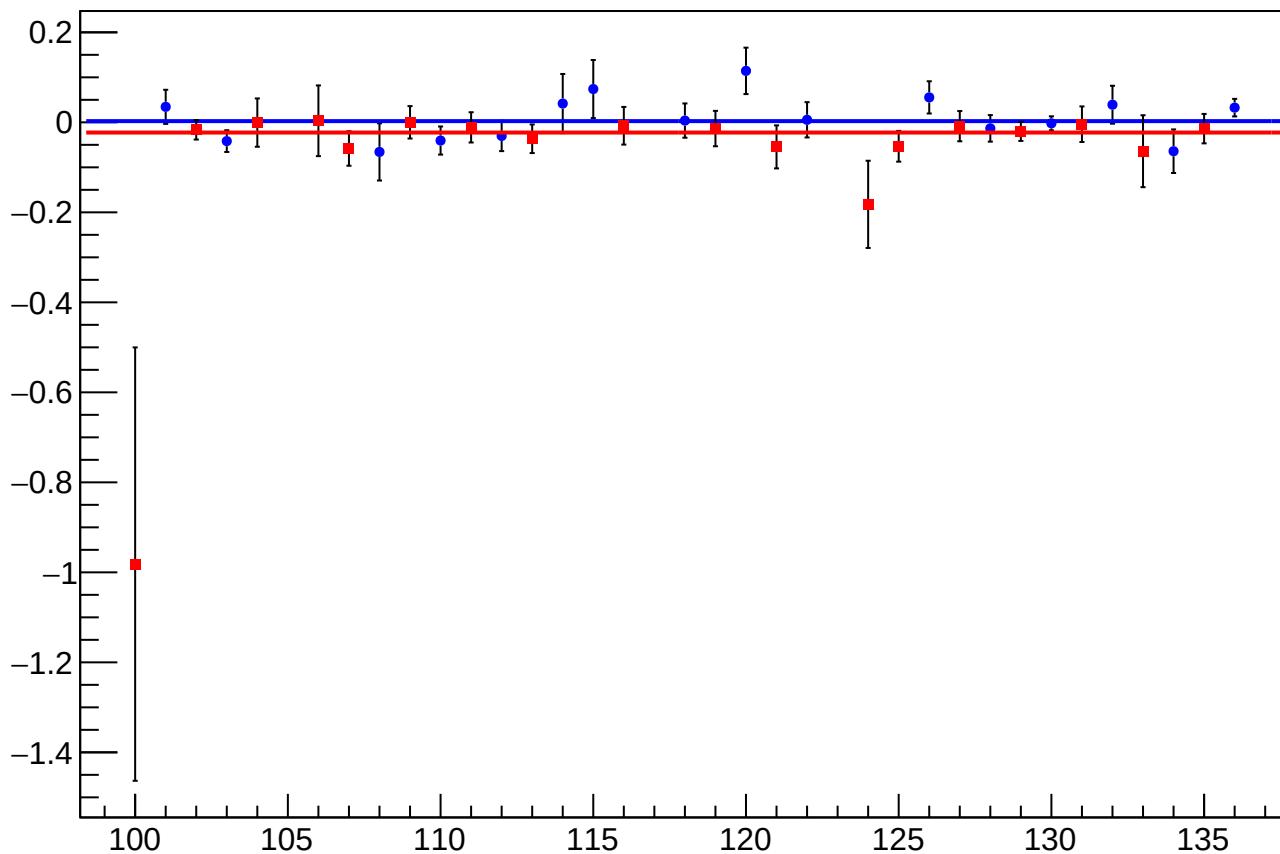
Right: 19.819+/-0.004 χ^2/NDF : 2735120.8/33

In: 18.911+/-0.006 χ^2/NDF : 1390349.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.819+/-0.004 χ^2/NDF : 2735120.8/33

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 $\pm$ 0.009 χ^2 /NDF: 10.8/17

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

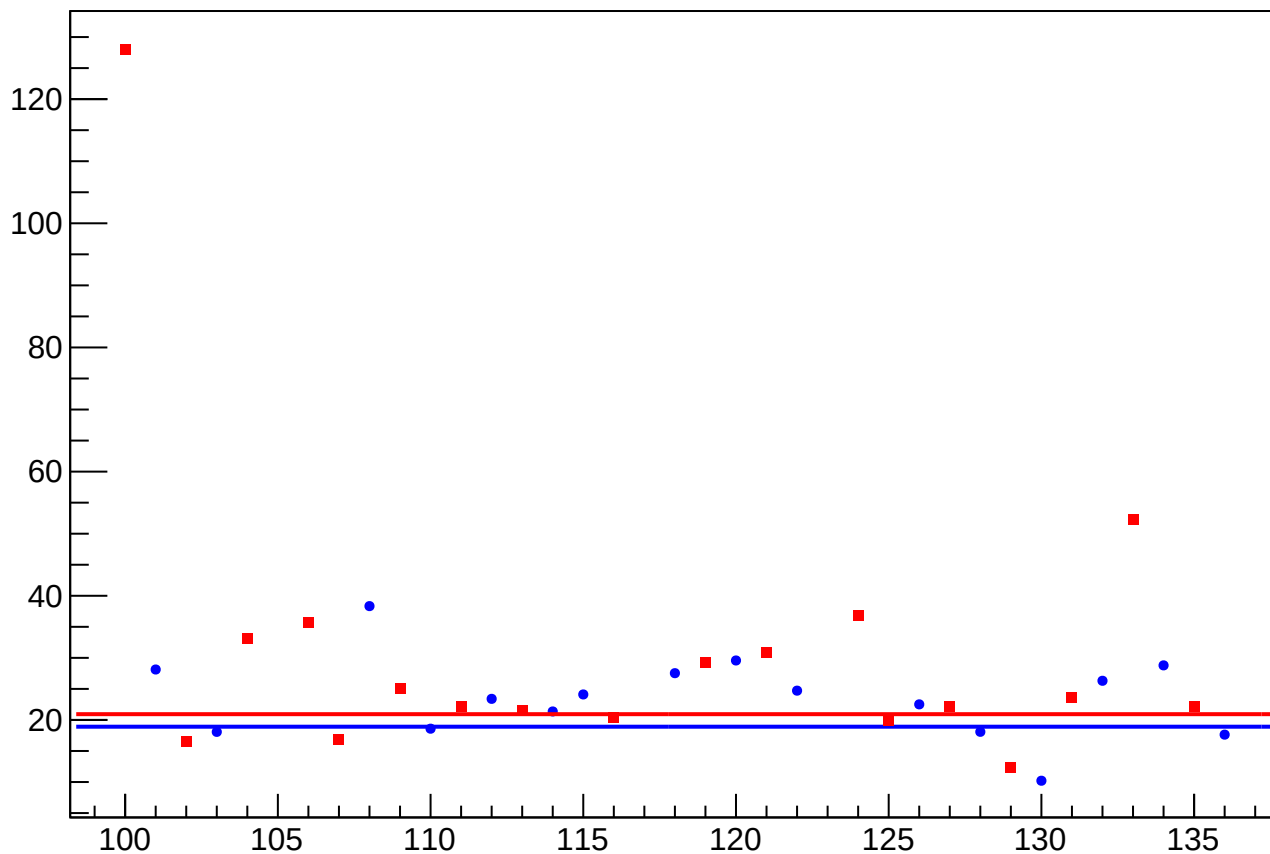
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/33

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: 37.5/33

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: 20.930+/-0.006 χ^2/NDF : 1284574.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

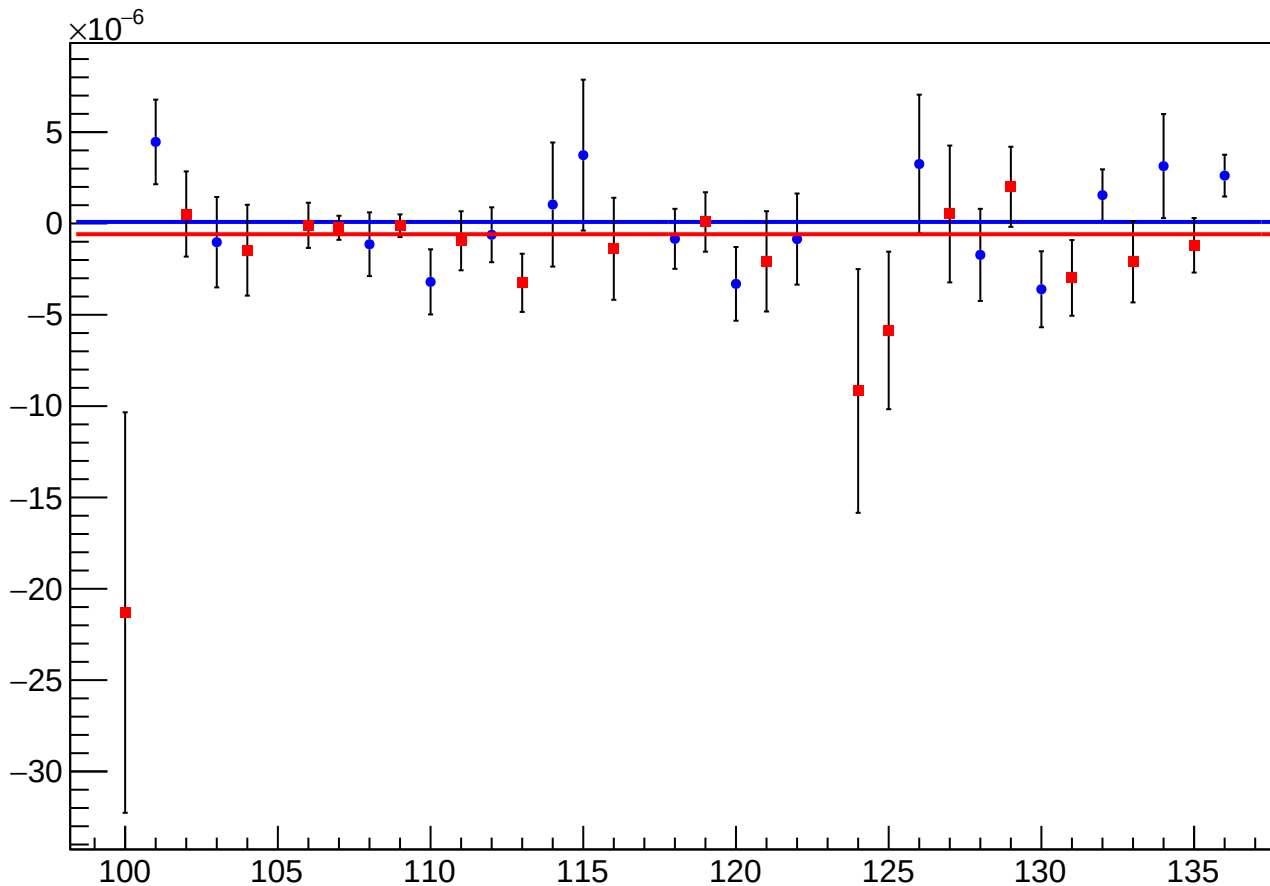
Right: 19.819+/-0.004 χ^2/NDF : 2735120.8/33

In: 18.911+/-0.006 χ^2/NDF : 1390349.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.819+/-0.004 χ^2/NDF : 2735120.8/33

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 : 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

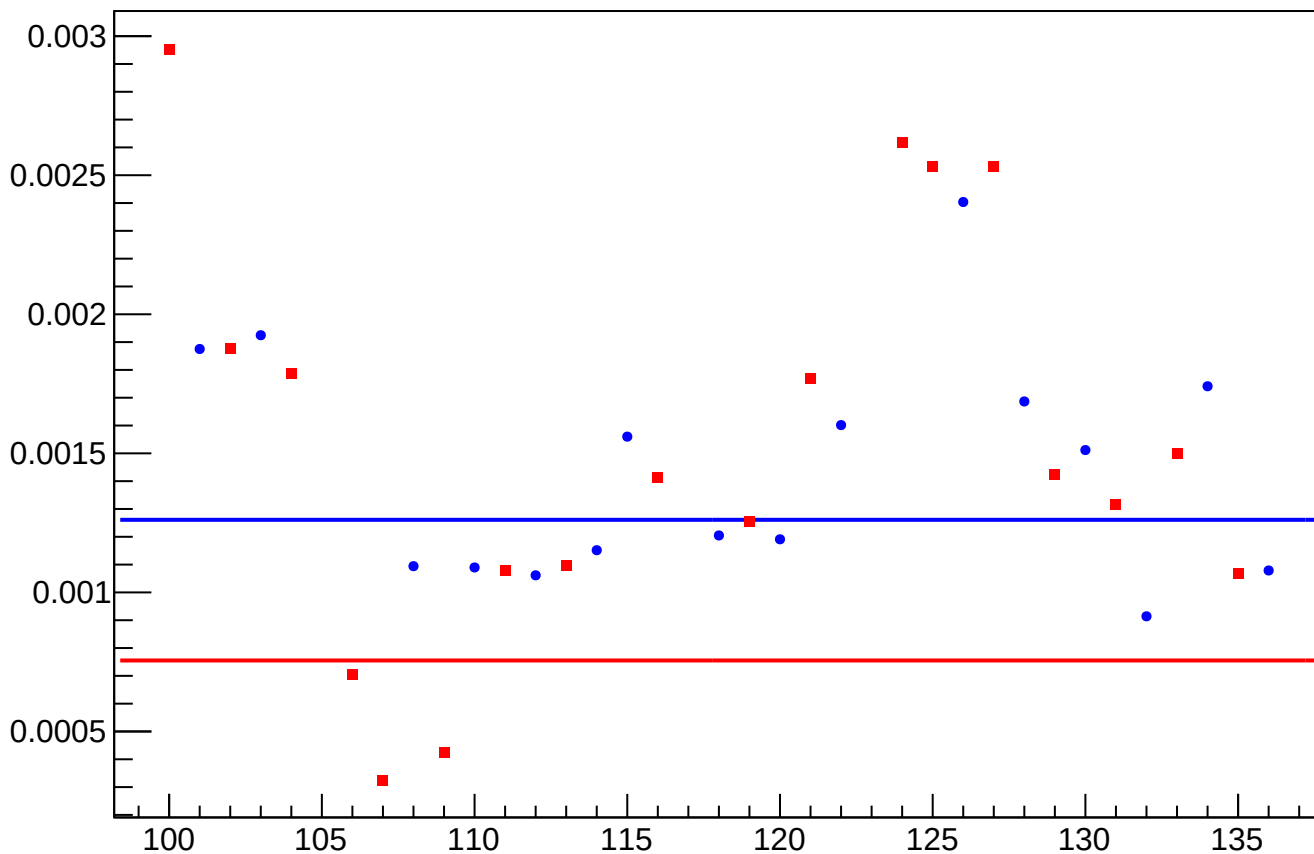
Right: -0.000+/-0.000 χ^2/NDF : 39.7/33

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 : 39.7/33

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 : 4643329.7/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 6993130.9/33

In: 0.001+/-0.000

χ^2/NDF : 907342.5/15

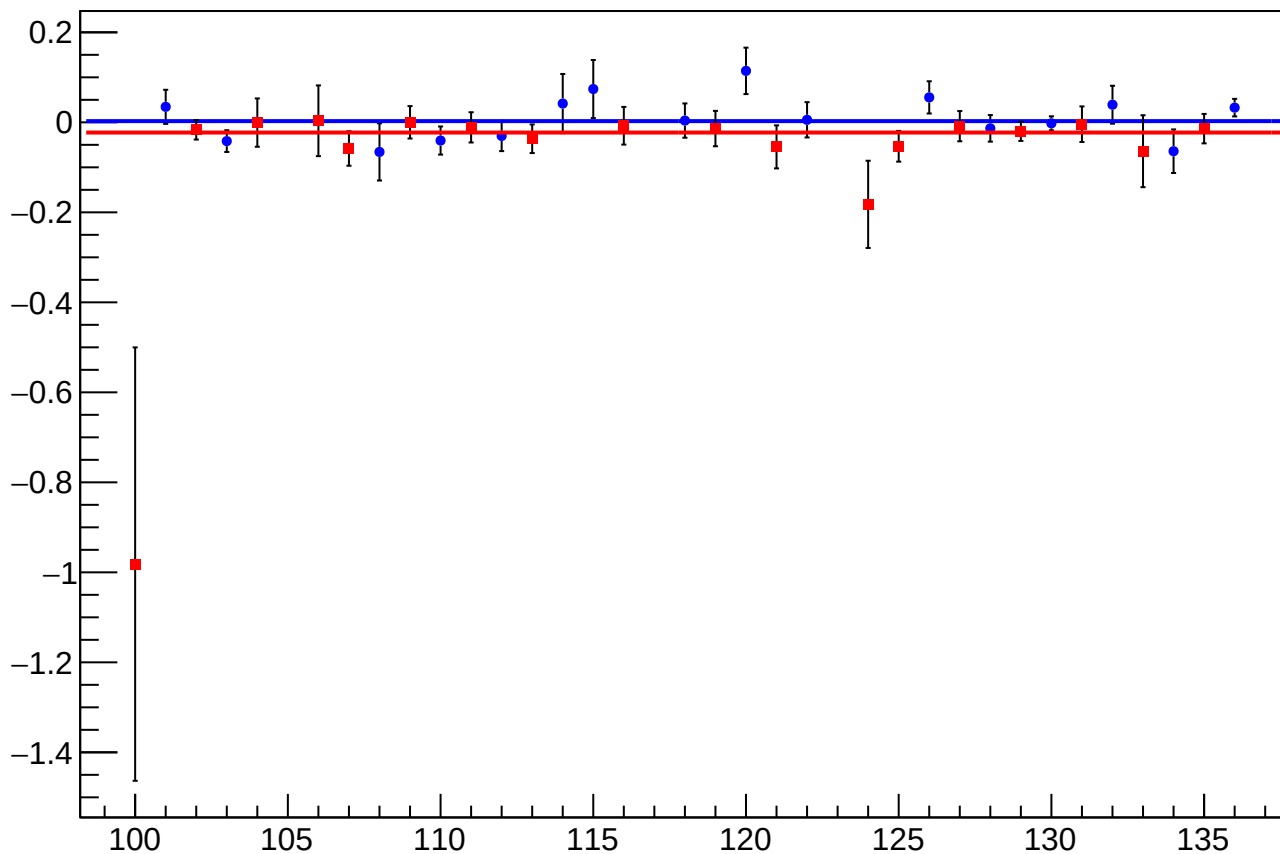
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 6993130.9/33

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 $\pm$ 0.009 χ^2 /NDF: 10.8/17

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

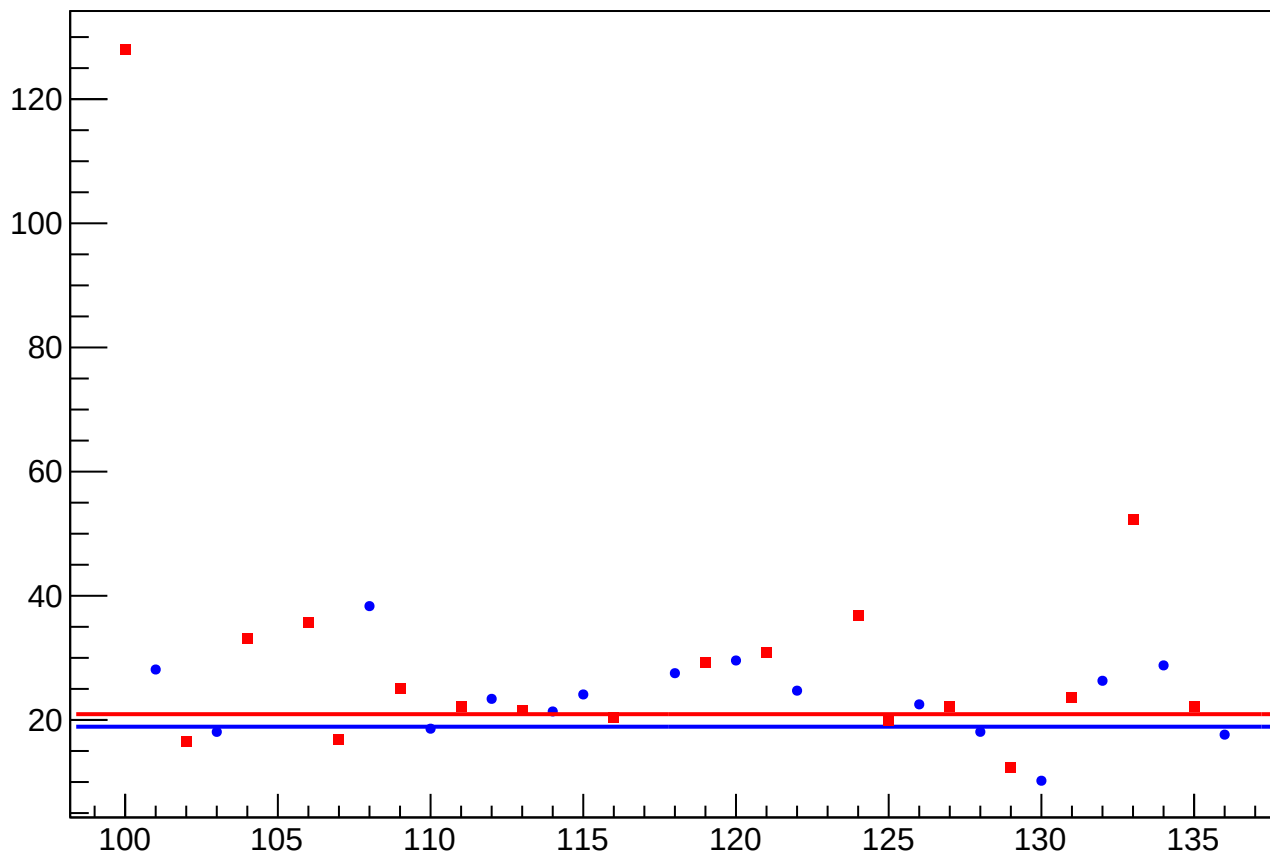
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/33

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: 37.5/33

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug, Sign Corrected



Right In: 18.912 $\pm$ 0.006 χ^2 /NDF: 1390233.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.930 $\pm$ 0.006 χ^2 /NDF: 1284571.6/17

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

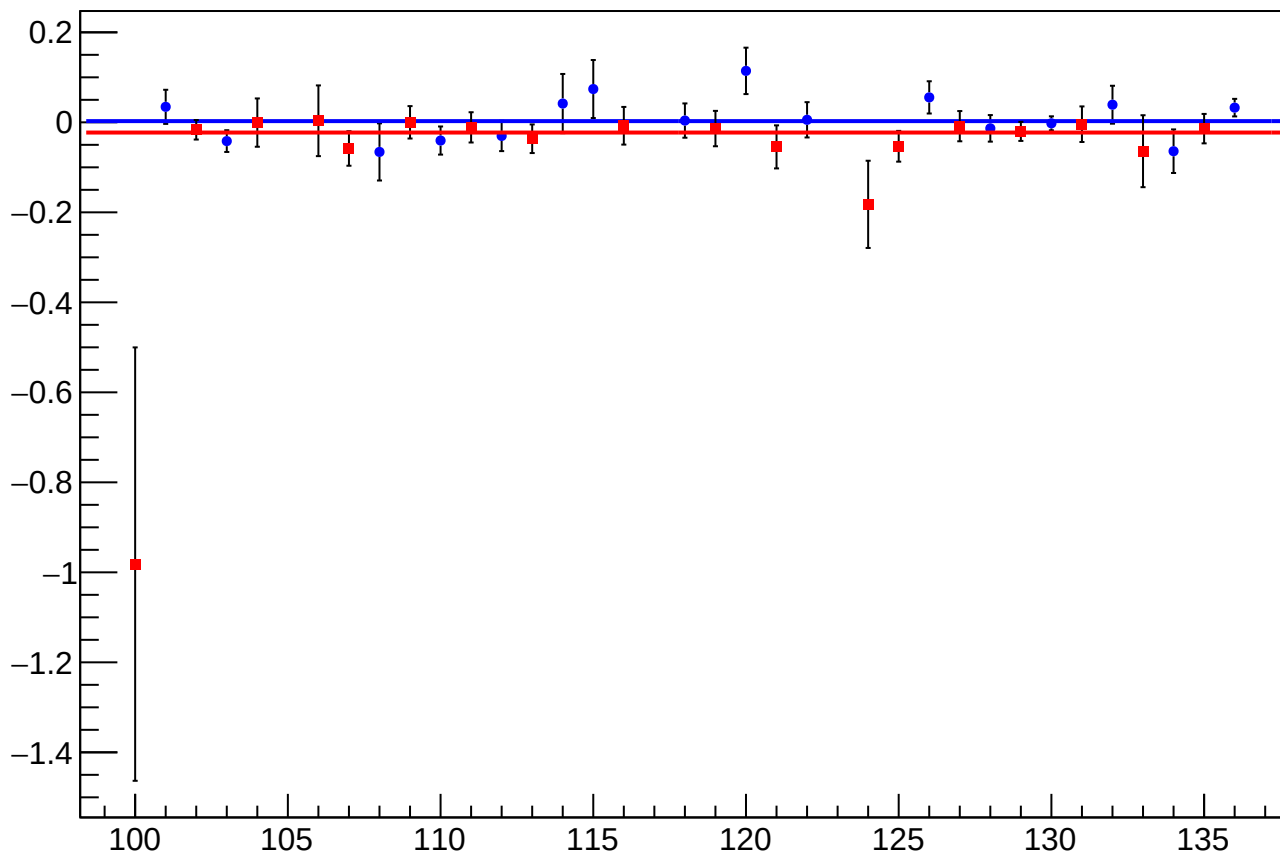
Right: 19.820 $\pm$ 0.004 χ^2 /NDF: 2734988.5/33

In: 18.912 $\pm$ 0.006 χ^2 /NDF:1390233.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 19.820 $\pm$ 0.004 χ^2 /NDF: 2734988.5/33

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 $\pm$ 0.009 χ^2 /NDF: 10.8/17

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

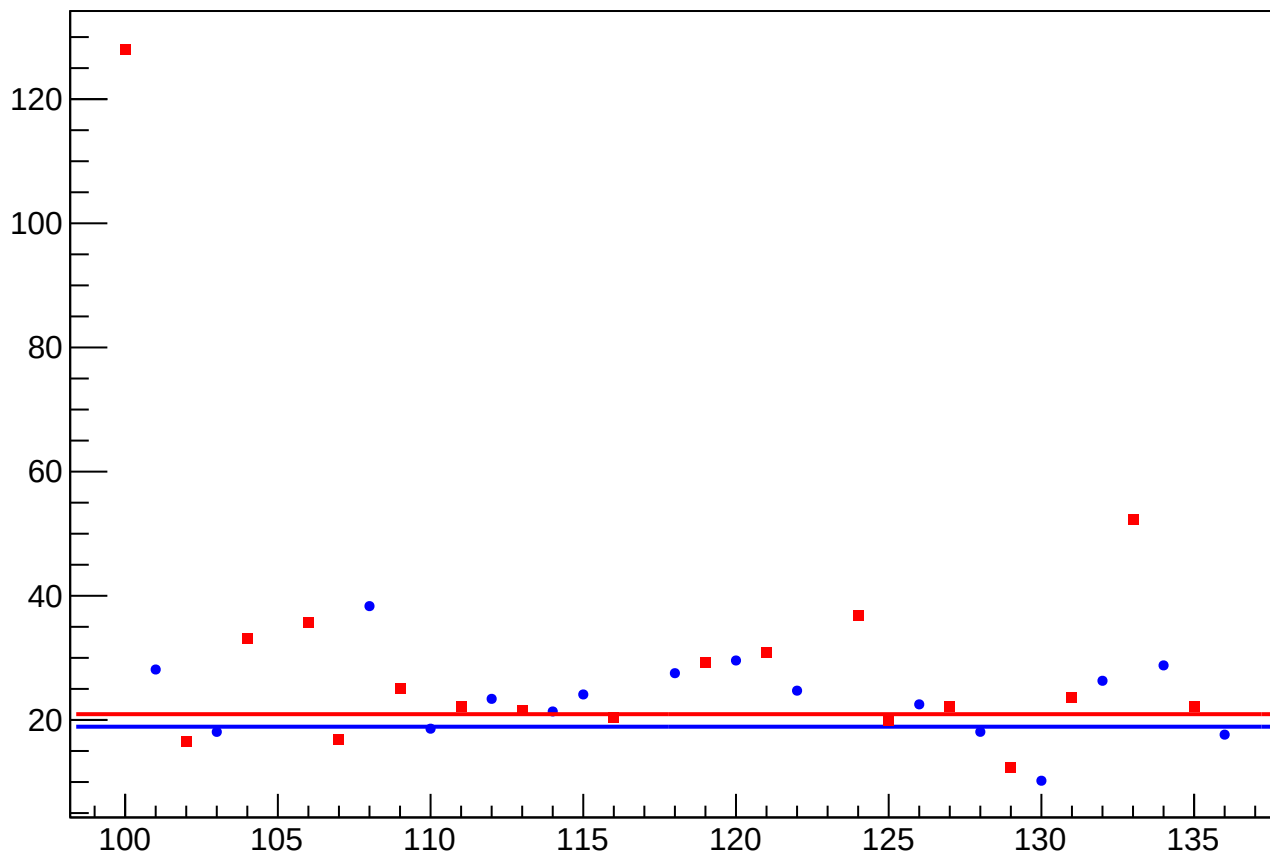
Right: -0.009 $\pm$ 0.006 χ^2 /NDF: 37.5/33

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: 37.5/33

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: 20.930+/-0.006 χ^2/NDF : 1284571.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

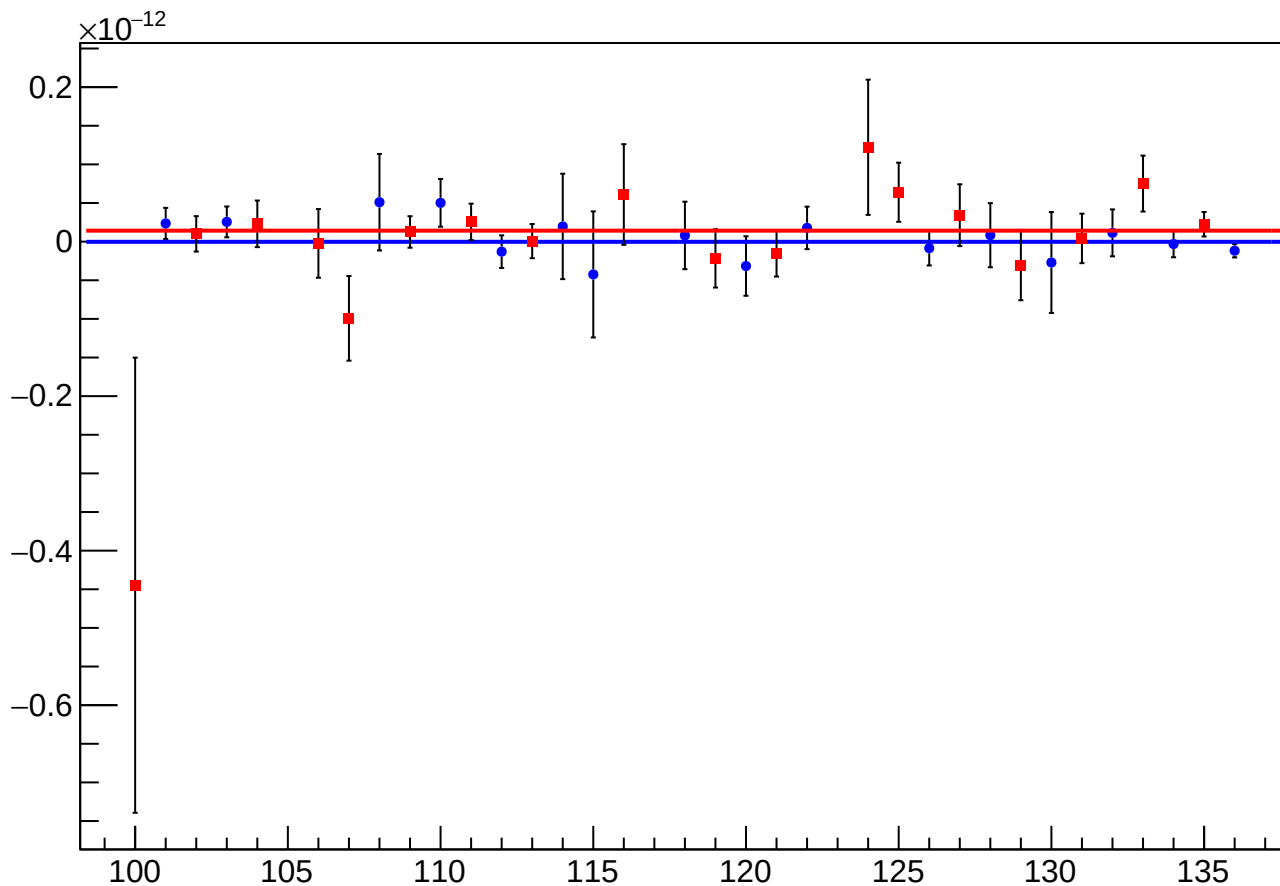
Right: 19.820+/-0.004 χ^2/NDF : 2734988.5/33

In: 18.912+/-0.006 χ^2/NDF : 1390233.4/15

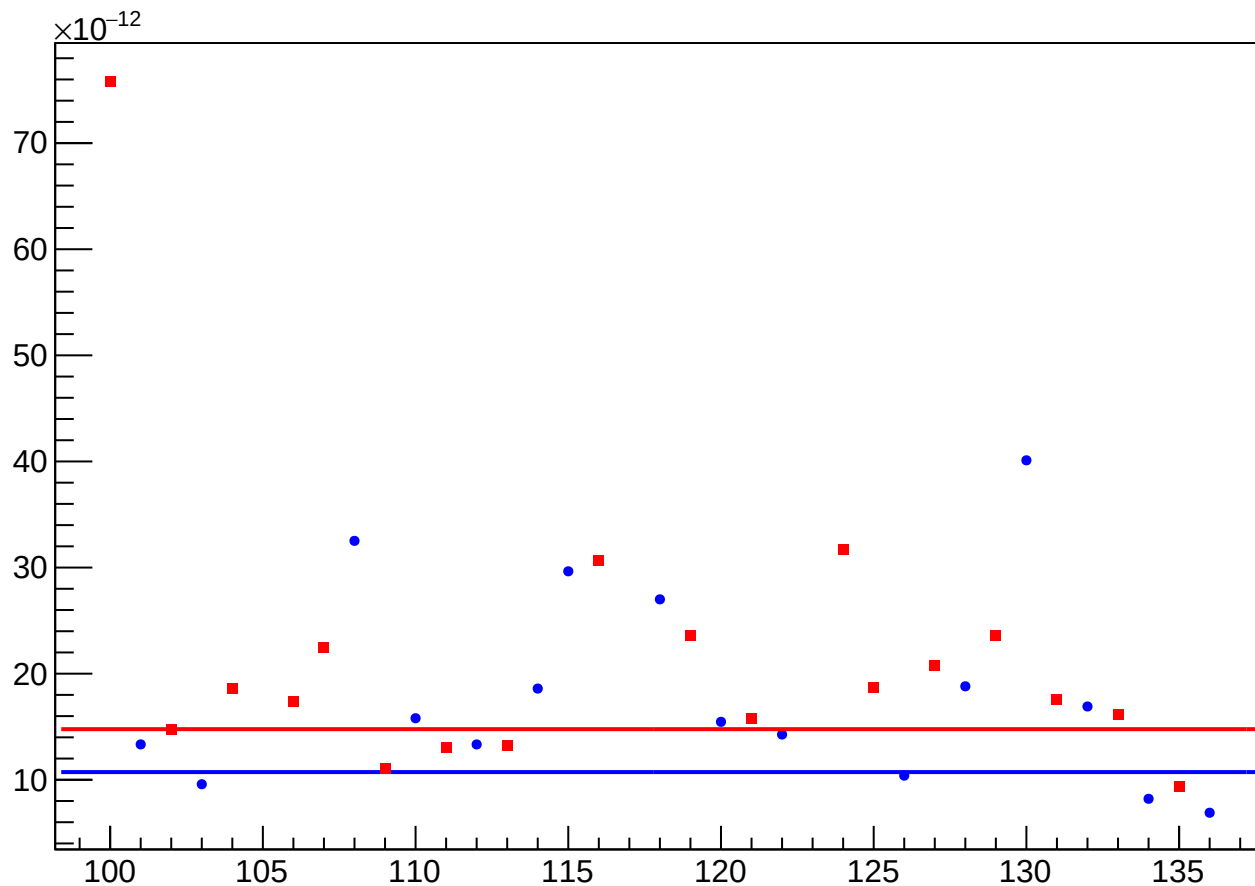
Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.820+/-0.004 χ^2/NDF : 2734988.5/33

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug, Sign Corrected



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 : 948328.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

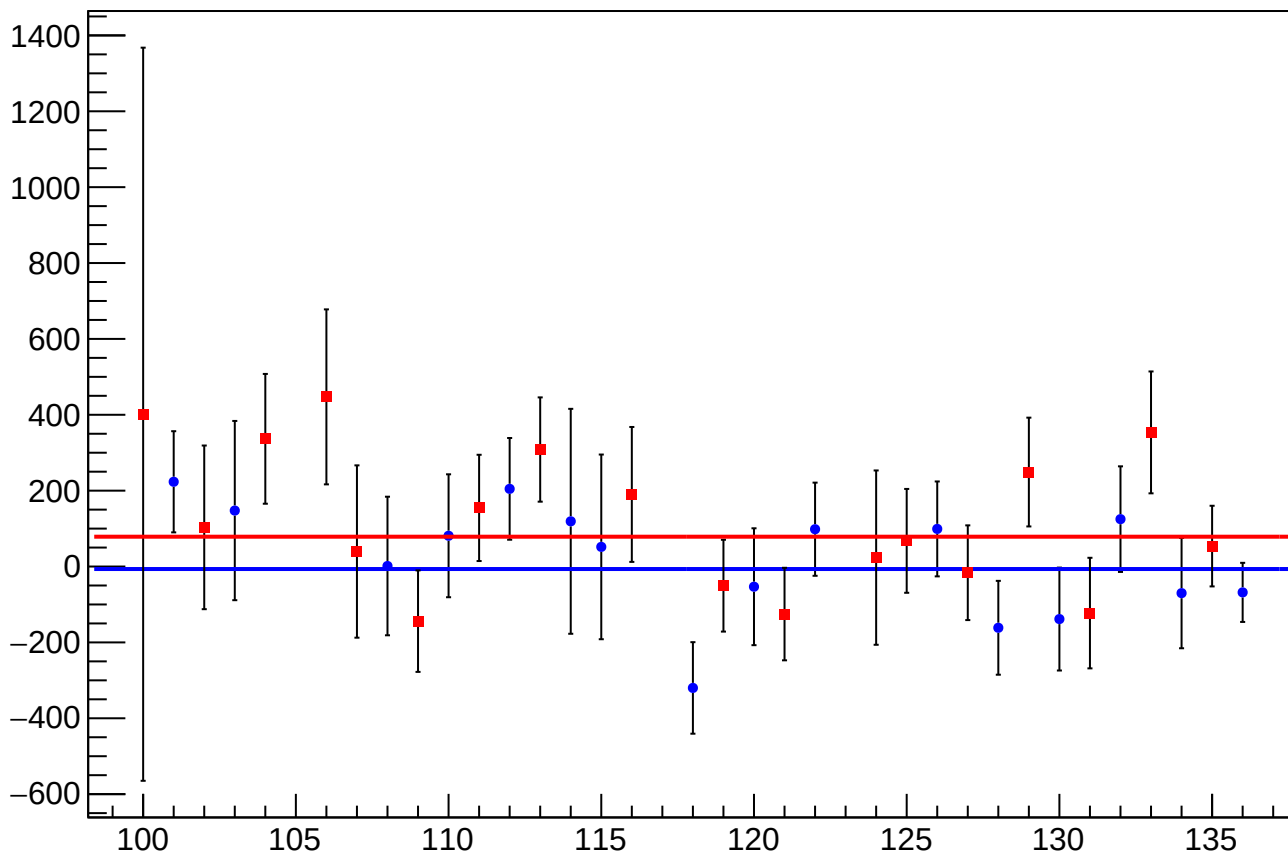
Right: 0.000+/-0.000 χ^2/NDF : 3184586.7/33

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 : 3184586.7/33

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: 78.634 $\pm$ -35.775 χ^2 /NDF: 22.1/17

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

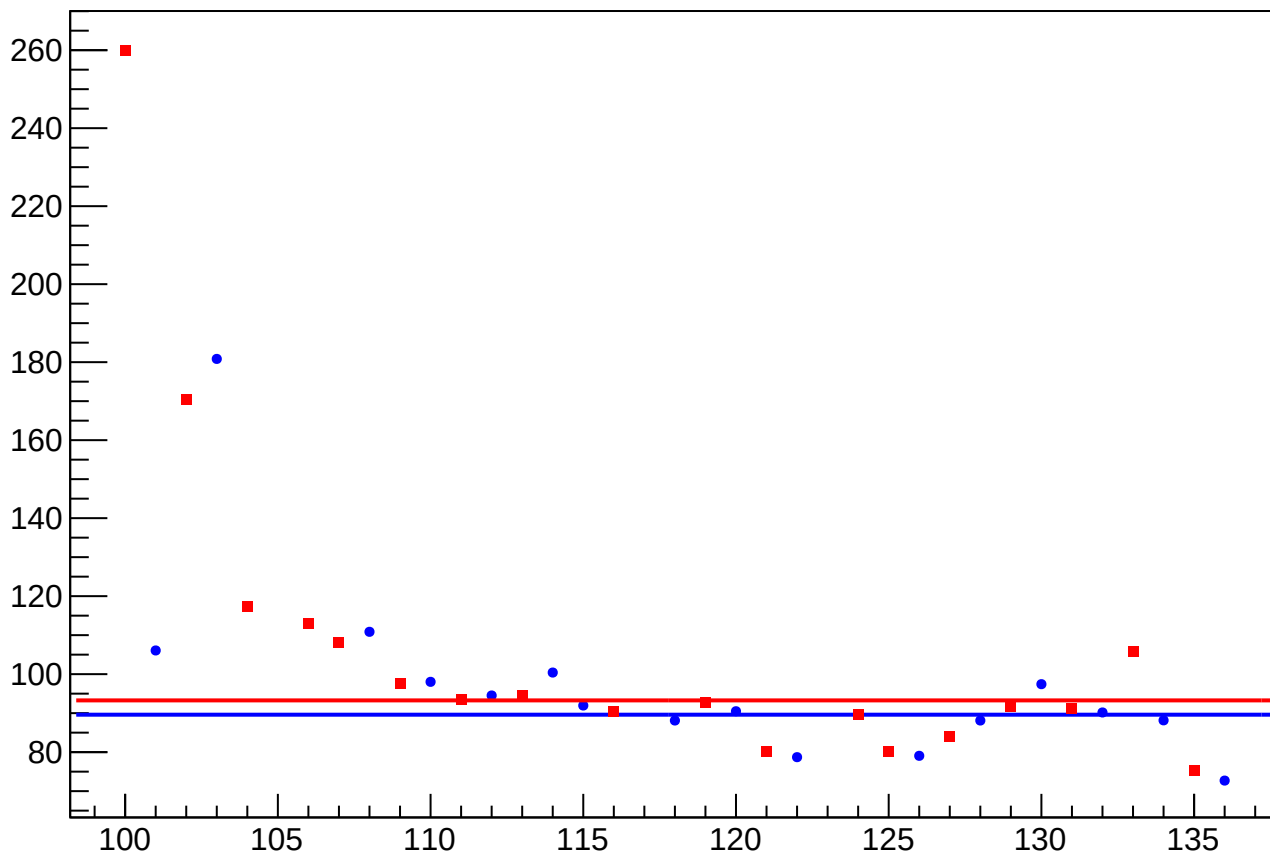
Right: 34.229 $\pm$ -24.753 χ^2 /NDF: 44.0/33

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: 34.229 $\pm$ -24.753 χ^2 /NDF: 44.0/33

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: 93.272+/-0.025 χ^2/NDF : 502908.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

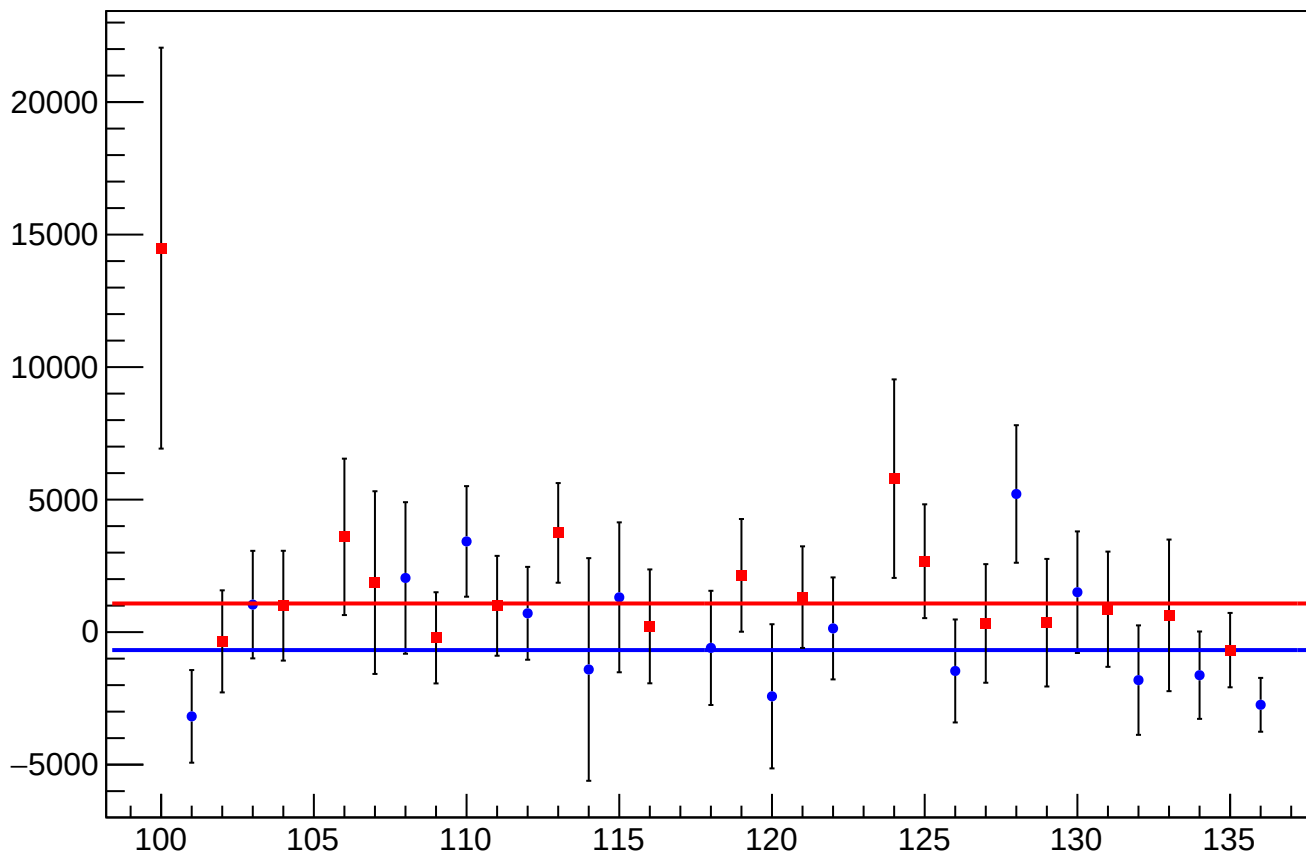
Right: 91.360+/-0.018 χ^2/NDF : 1012249.5/33

In: 89.604+/-0.024 χ^2/NDF : 498380.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.360+/-0.018 χ^2/NDF : 1012249.5/33

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: 1080.709+/-510.743 χ^2/NDF : 11.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

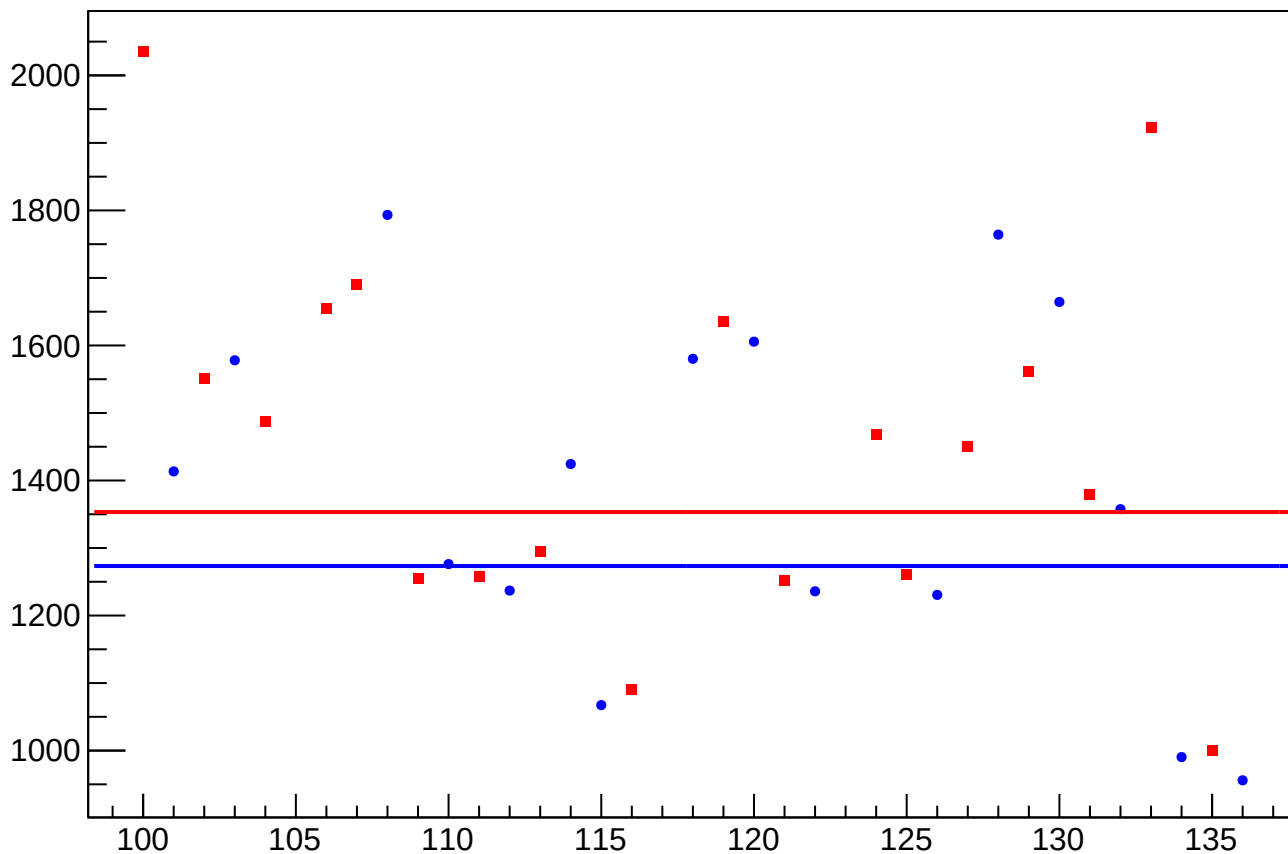
Right: 158.913+/-352.259 χ^2/NDF : 37.9/33

In: -677.381+/-486.480 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 158.913+/-352.259 χ^2/NDF : 37.9/33

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: 1353.274+/-0.361 χ^2/NDF : 400289.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

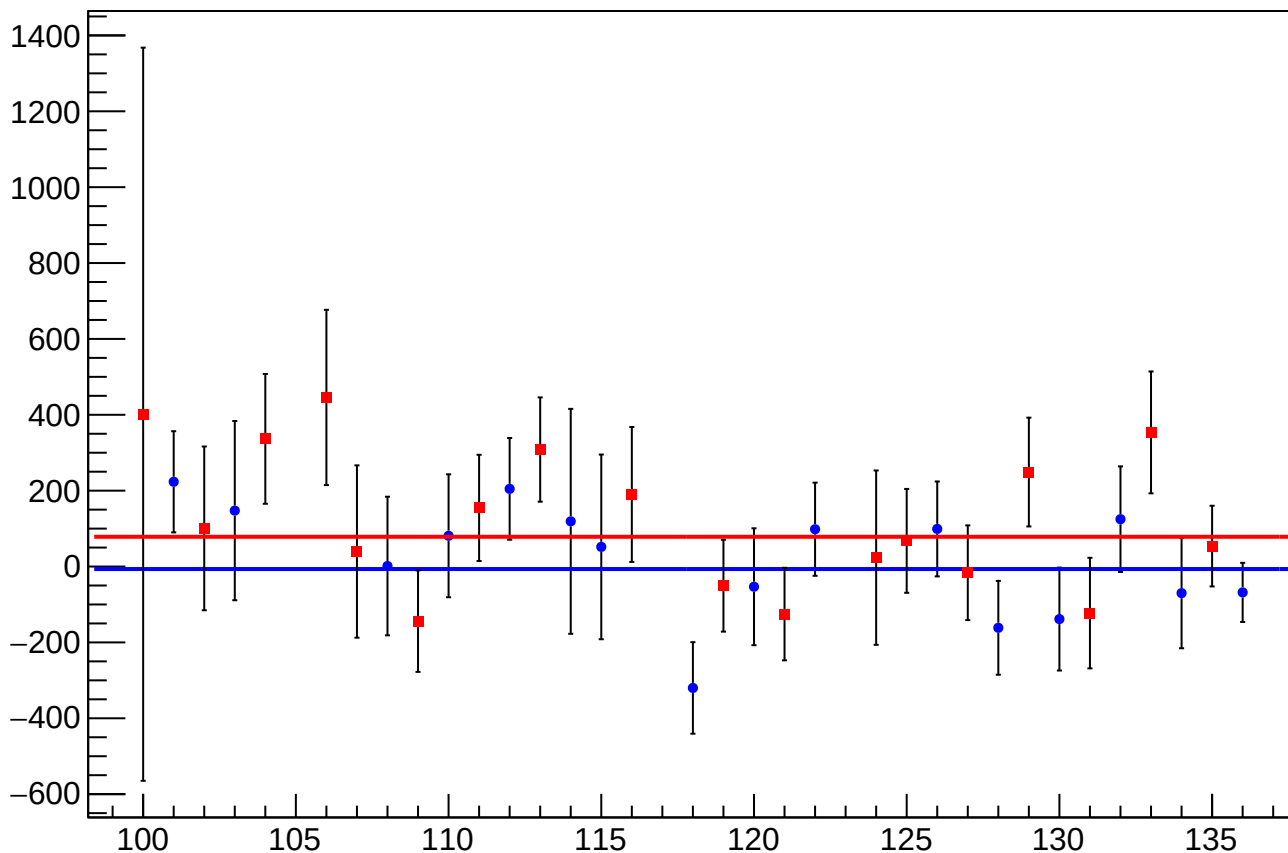
Right: 1311.355+/-0.249 χ^2/NDF : 1023505.5/33

In: 1273.324+/-0.344 χ^2/NDF : 597520.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1311.355+/-0.249 χ^2/NDF : 1023505.5/33

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: 78.485 $\pm$ 35.777 χ^2 /NDF: 22.1/17

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

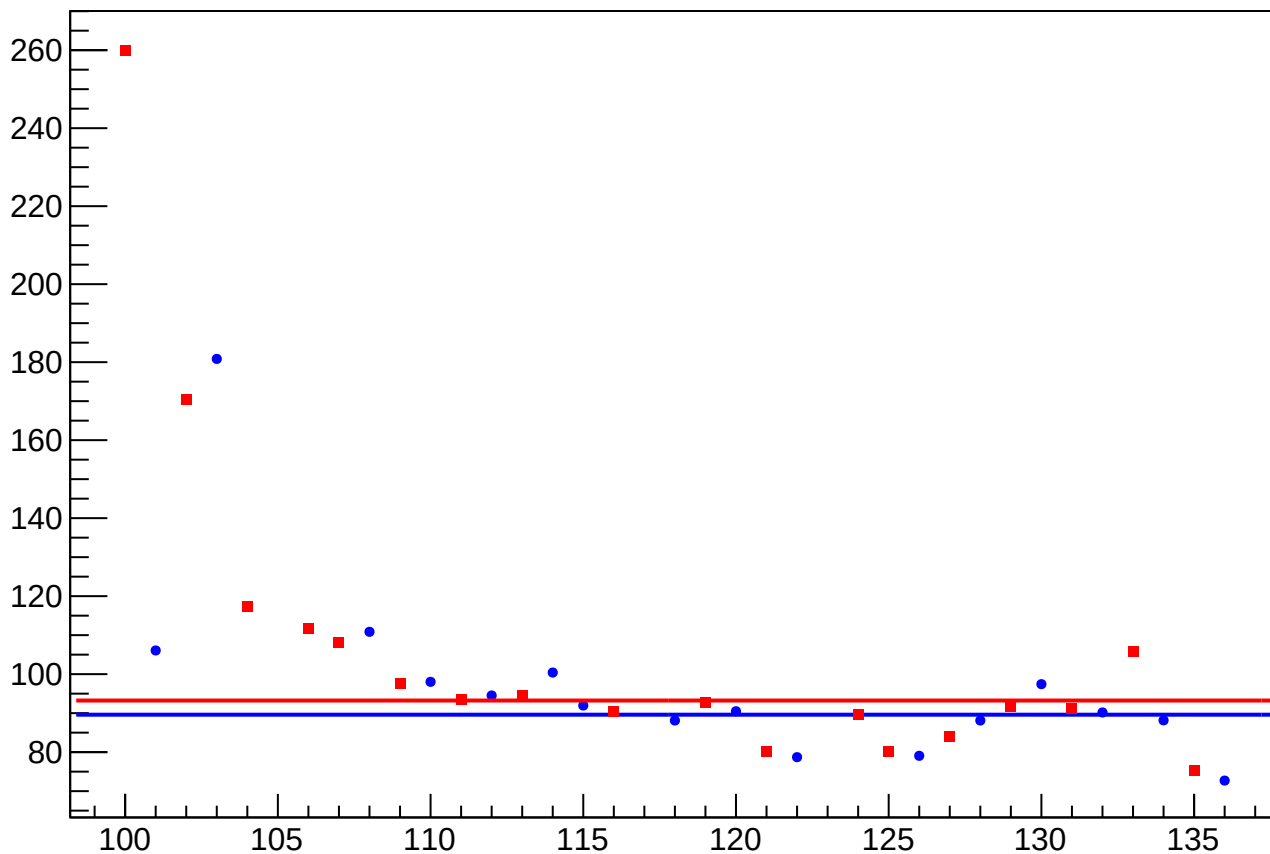
Right: 34.150 $\pm$ 24.754 χ^2 /NDF: 43.9/33

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: 34.150 $\pm$ 24.754 χ^2 /NDF: 43.9/33

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: 93.239+/-0.025 χ^2/NDF : 501259.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

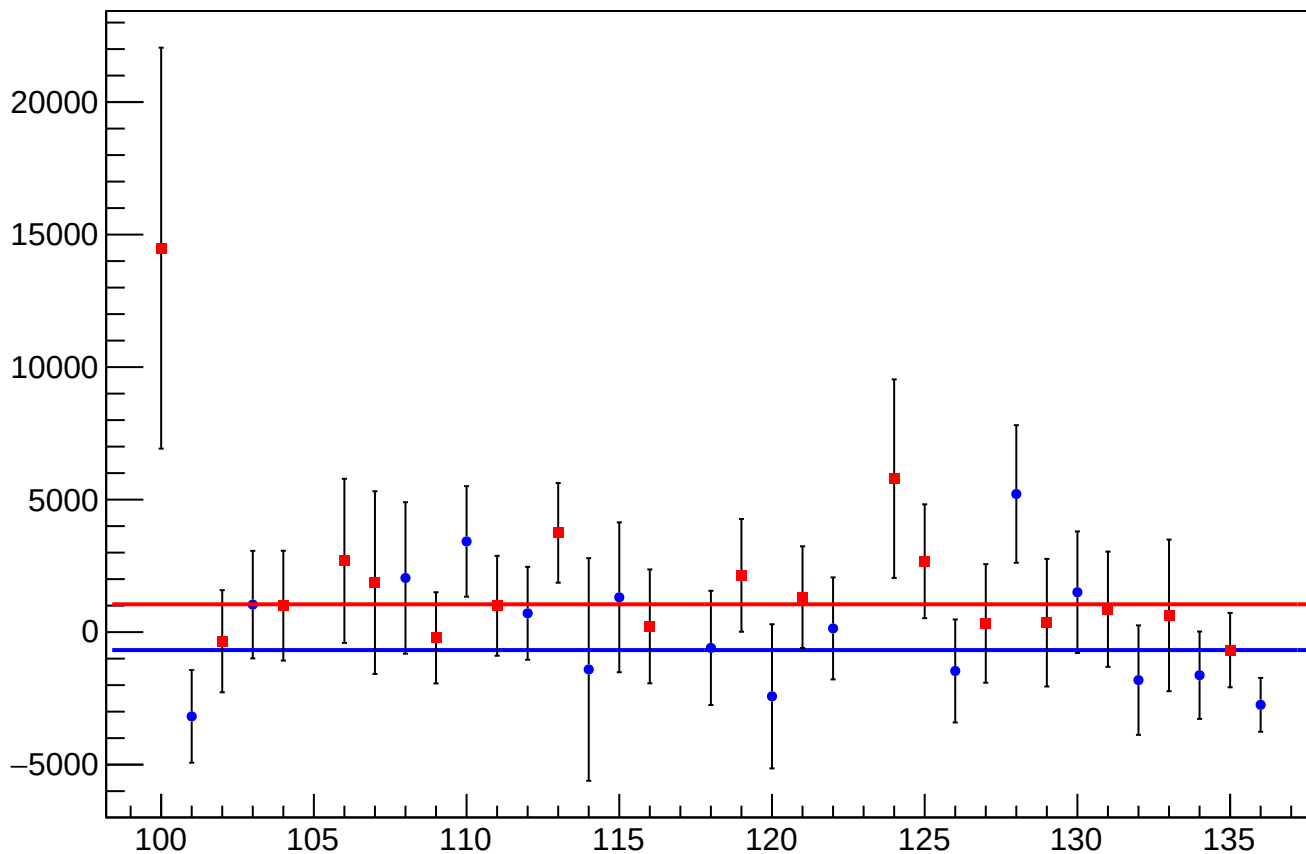
Right: 91.344+/-0.018 χ^2/NDF : 1010404.4/33

In: 89.604+/-0.024 χ^2/NDF : 498384.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.344+/-0.018 χ^2/NDF : 1010404.4/33

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: 1049.677+/-511.471 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

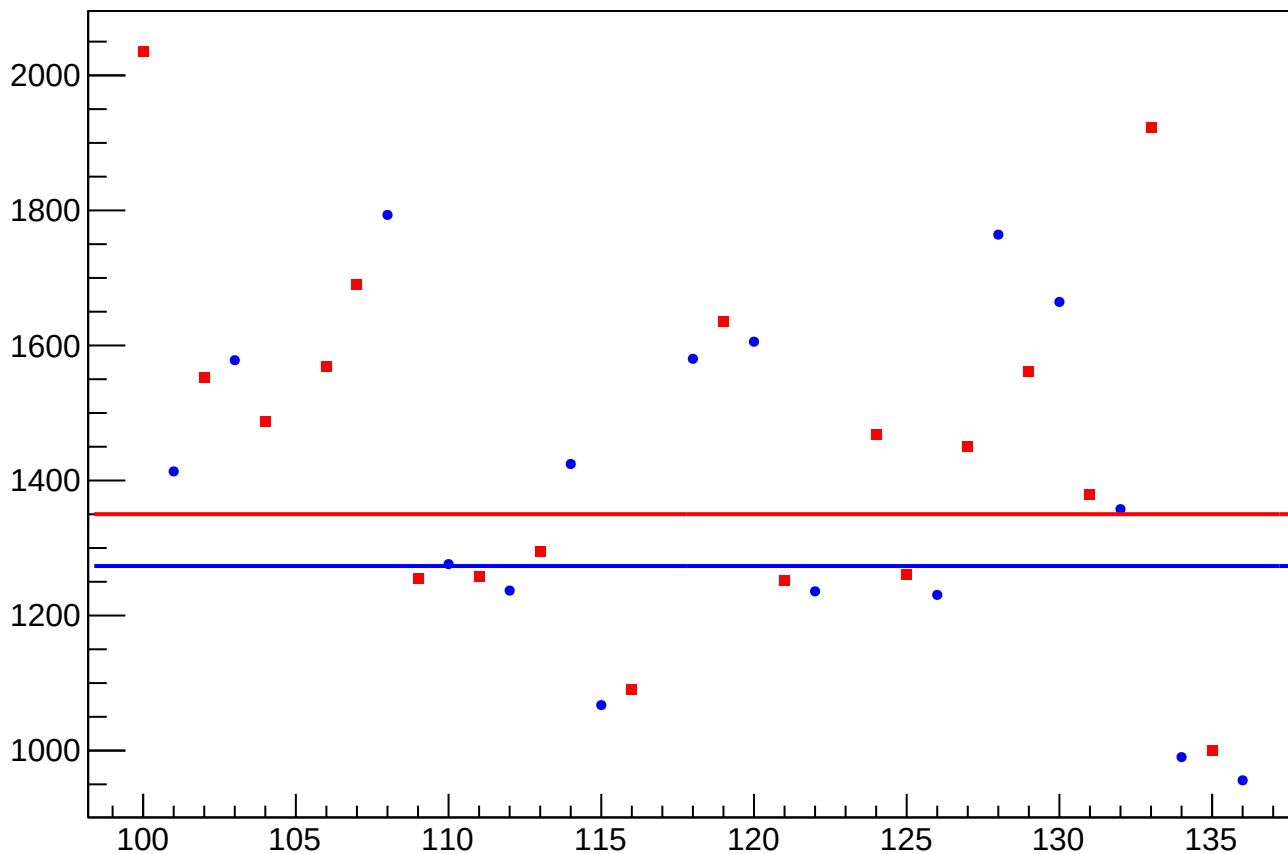
Right: 142.948+/-352.498 χ^2/NDF : 37.2/33

In: -677.345+/-486.482 χ^2/NDF :20.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 142.948+/-352.498 χ^2/NDF : 37.2/33

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: 1350.137+/-0.362 χ^2/NDF : 389161.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

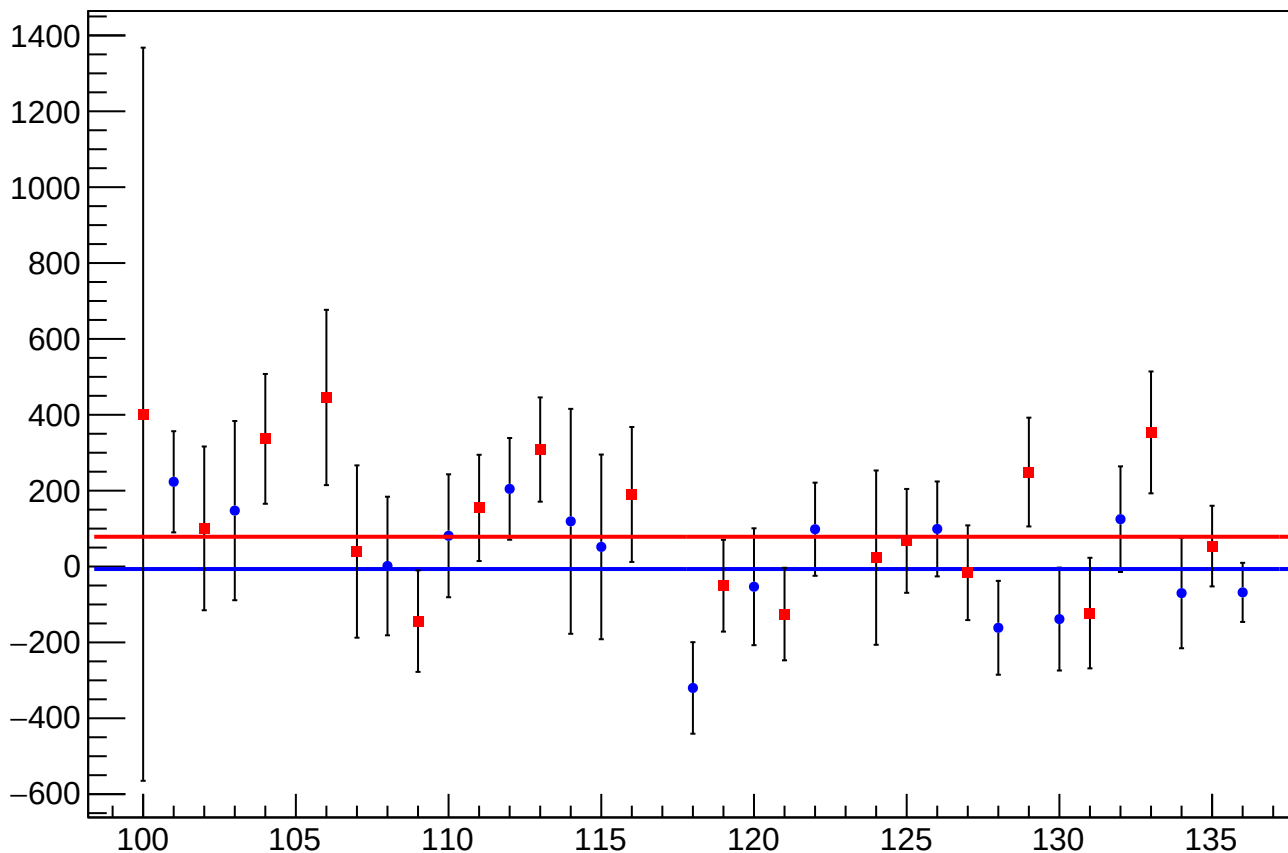
Right: 1309.810+/-0.249 χ^2/NDF : 1010390.0/33

In: 1273.327+/-0.344 χ^2/NDF : 597547.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.810+/-0.249 χ^2/NDF : 1010390.0/33

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: 78.485+/-35.777 χ^2/NDF : 22.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

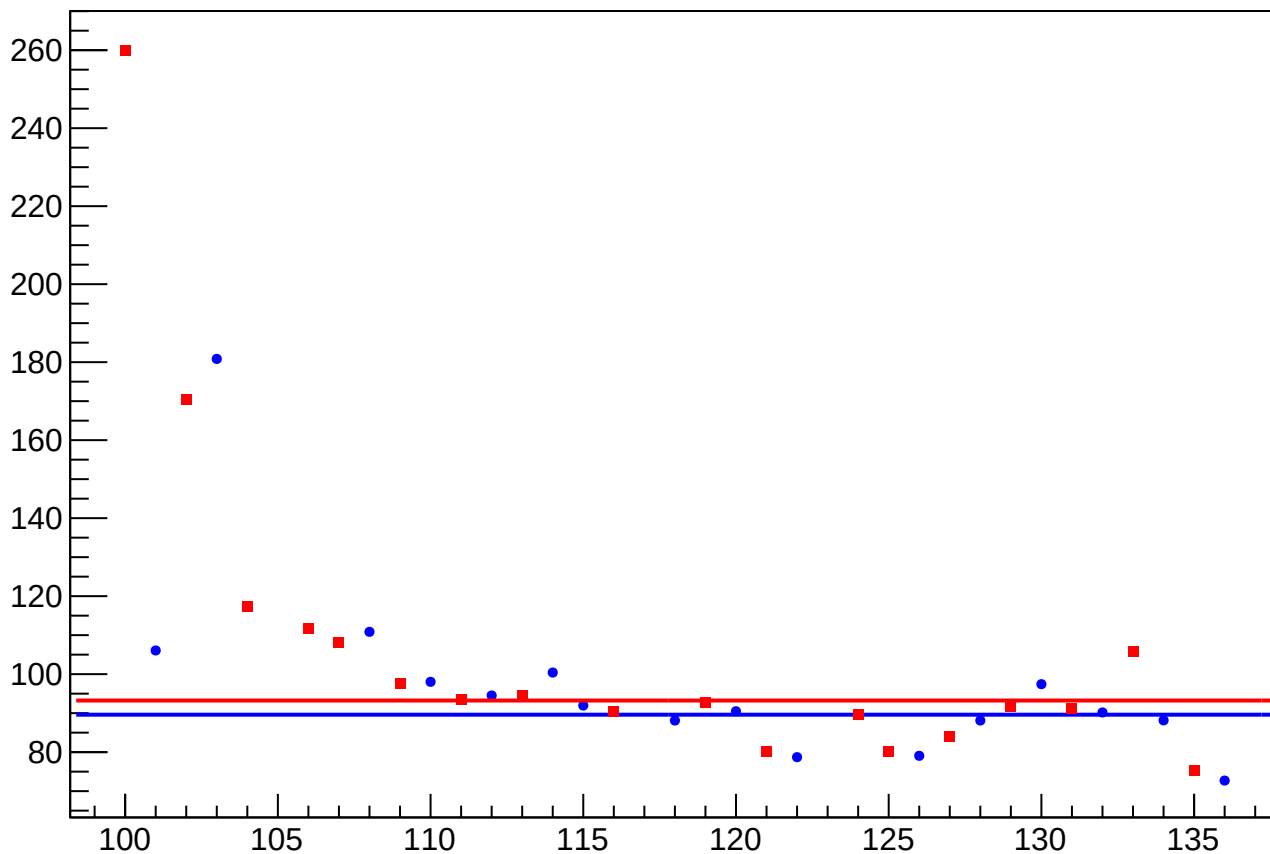
Right: 34.150+/-24.754 χ^2/NDF : 43.9/33

In: -6.568+/-34.286 χ^2/NDF : 18.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.150+/-24.754 χ^2/NDF : 43.9/33

eigen_cor_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 89.604 $\pm$ 0.024 χ^2 /NDF: 498384.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.239 $\pm$ 0.025 χ^2 /NDF: 501259.0/17

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

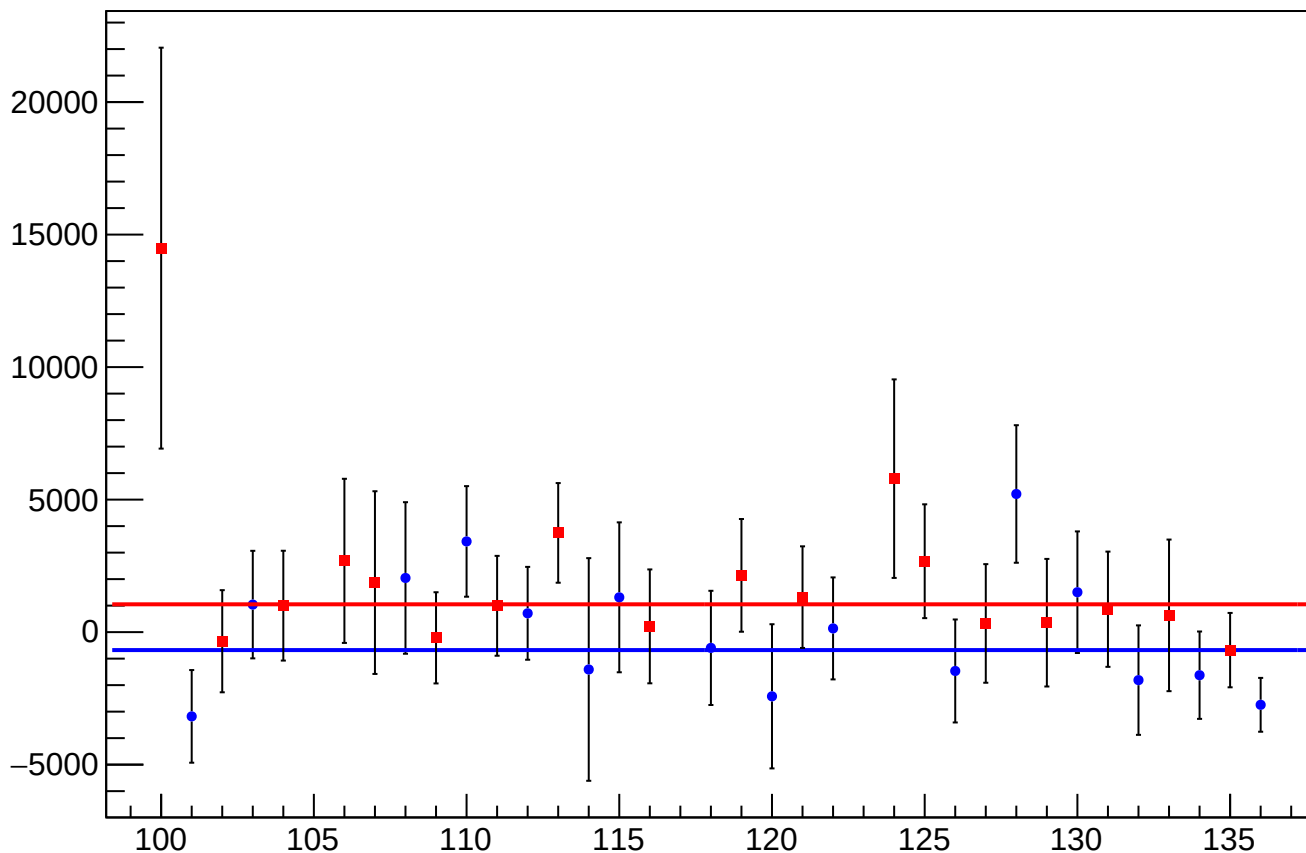
Right: 91.344 $\pm$ 0.018 χ^2 /NDF: 1010404.4/33

In: 89.604 $\pm$ 0.024 χ^2 /NDF: 498384.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.344 $\pm$ 0.018 χ^2 /NDF: 1010404.4/33

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: 1049.677+/-511.471 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

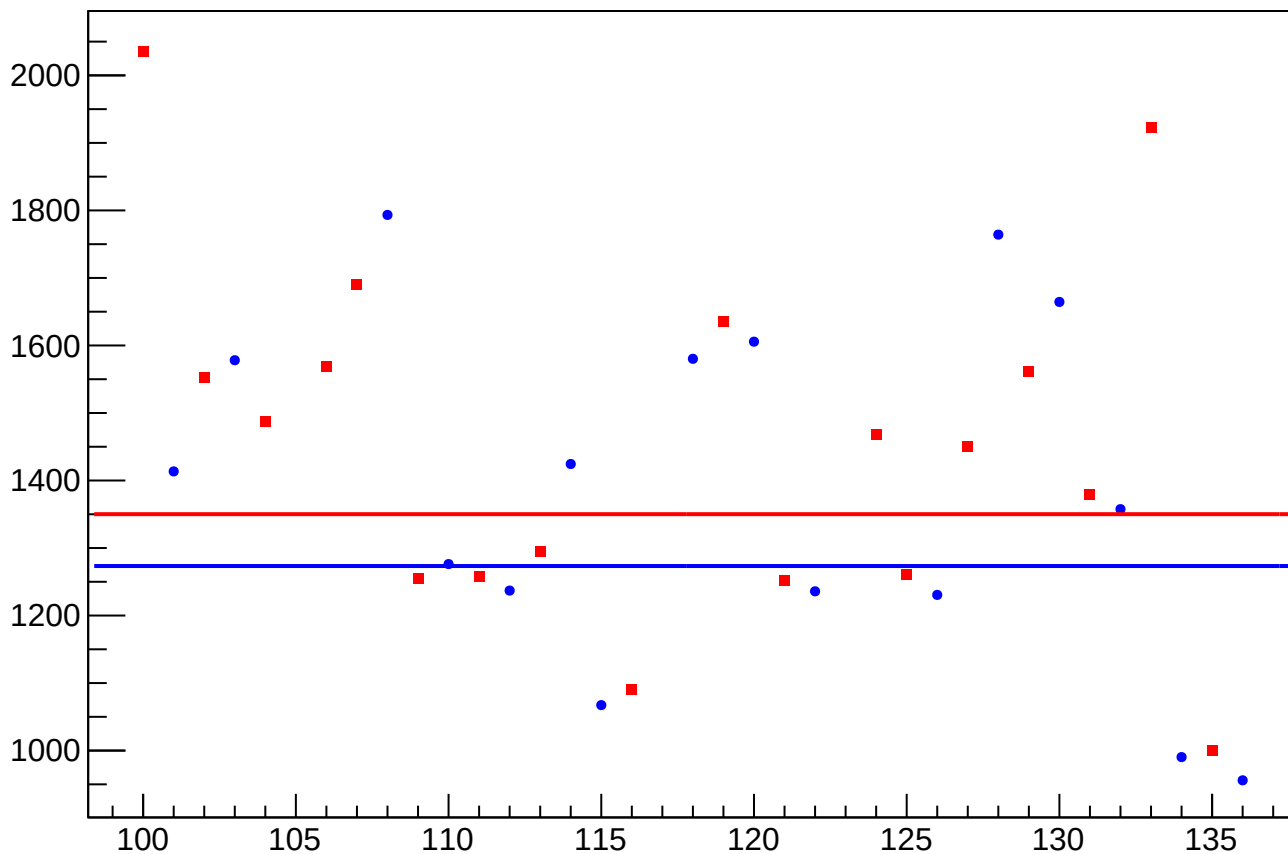
Right: 142.948+/-352.498 χ^2/NDF : 37.2/33

In: -677.345+/-486.482 χ^2/NDF : 20.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.948+/-352.498 χ^2/NDF : 37.2/33

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: 1350.137+/-0.362 χ^2/NDF : 389161.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

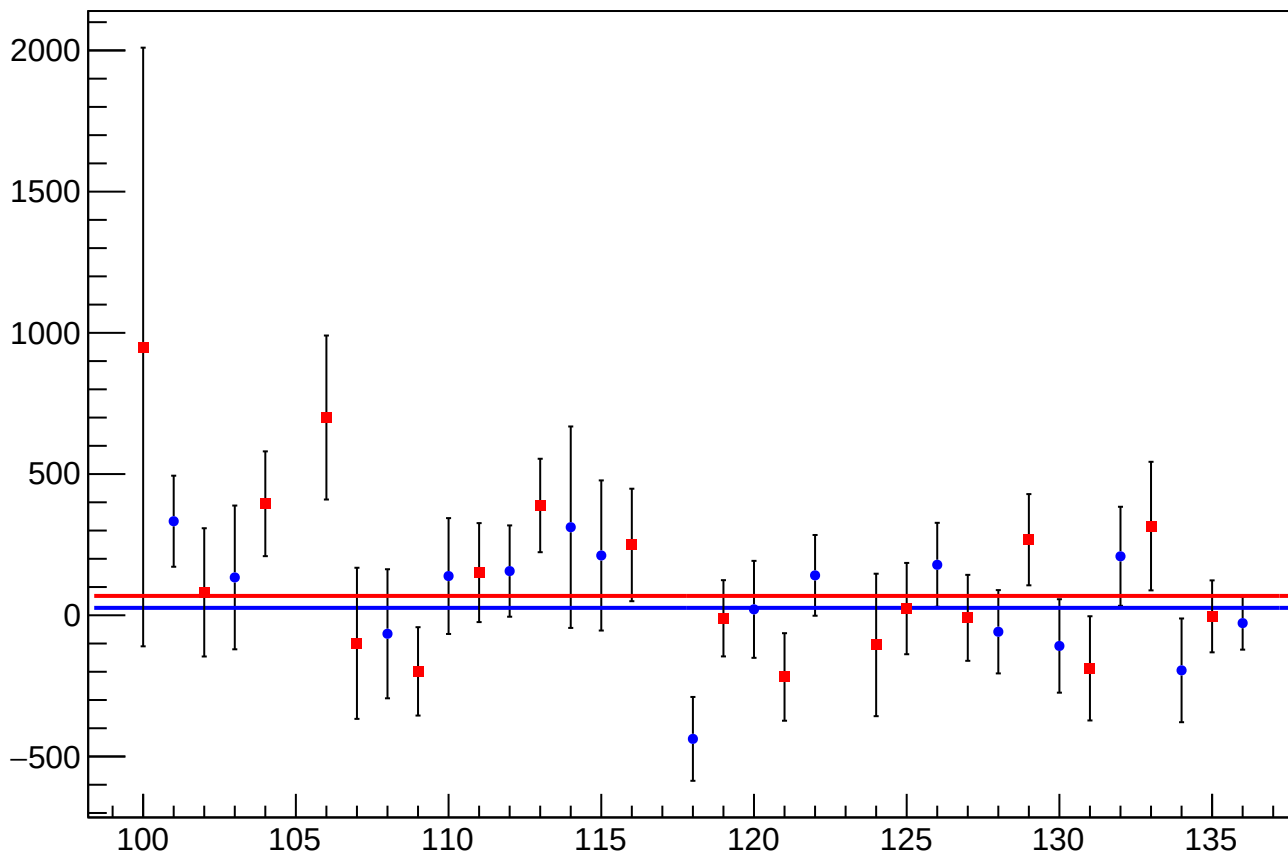
Right: 1309.810+/-0.249 χ^2/NDF : 1010390.0/33

In: 1273.327+/-0.344 χ^2/NDF : 597547.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1309.810+/-0.249 χ^2/NDF : 1010390.0/33

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: 68.550+/-42.536 χ^2/NDF : 26.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

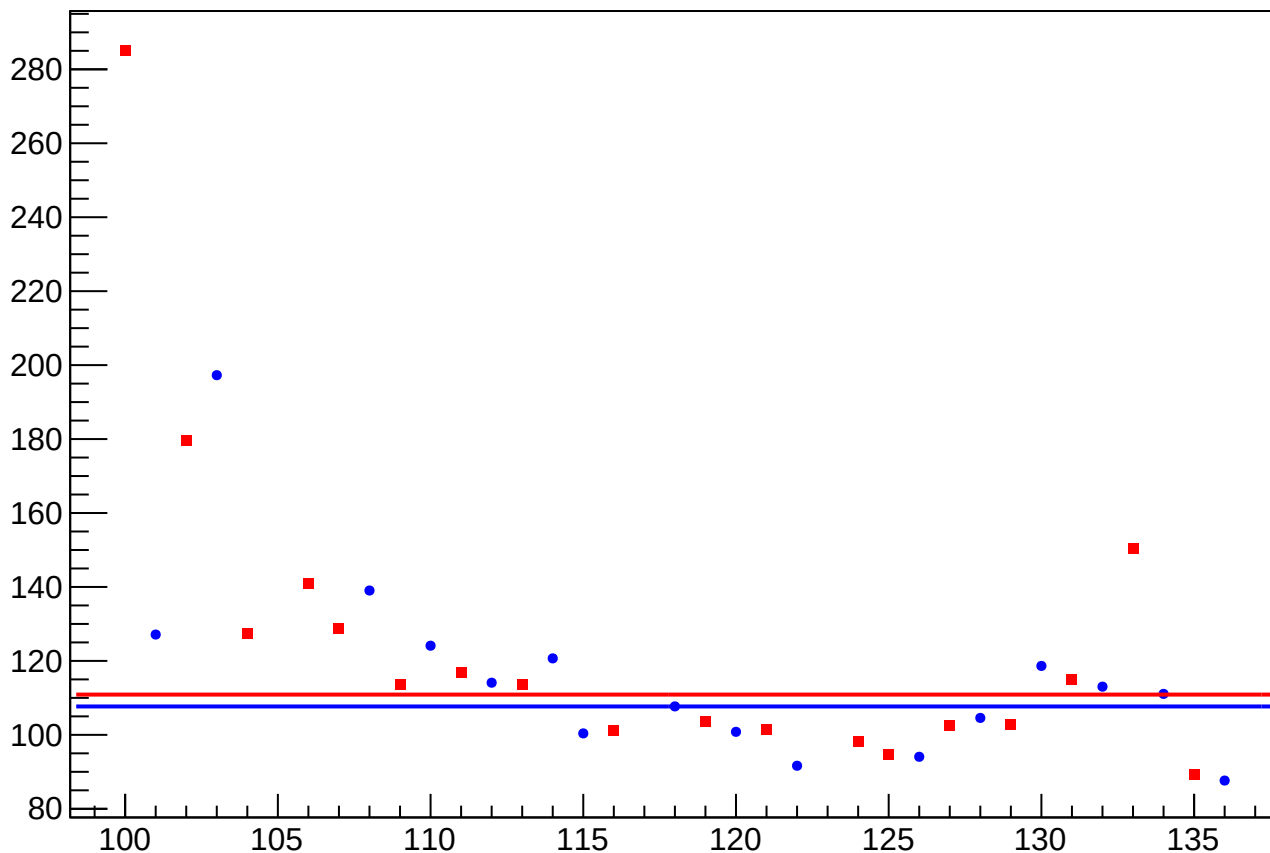
Right: 46.736+/-29.601 χ^2/NDF : 48.0/33

In: 26.251+/-41.220 χ^2/NDF : 21.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.736+/-29.601 χ^2/NDF : 48.0/33

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: 110.889 $\pm$ 0.030 χ^2 /NDF: 460552.4/17

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

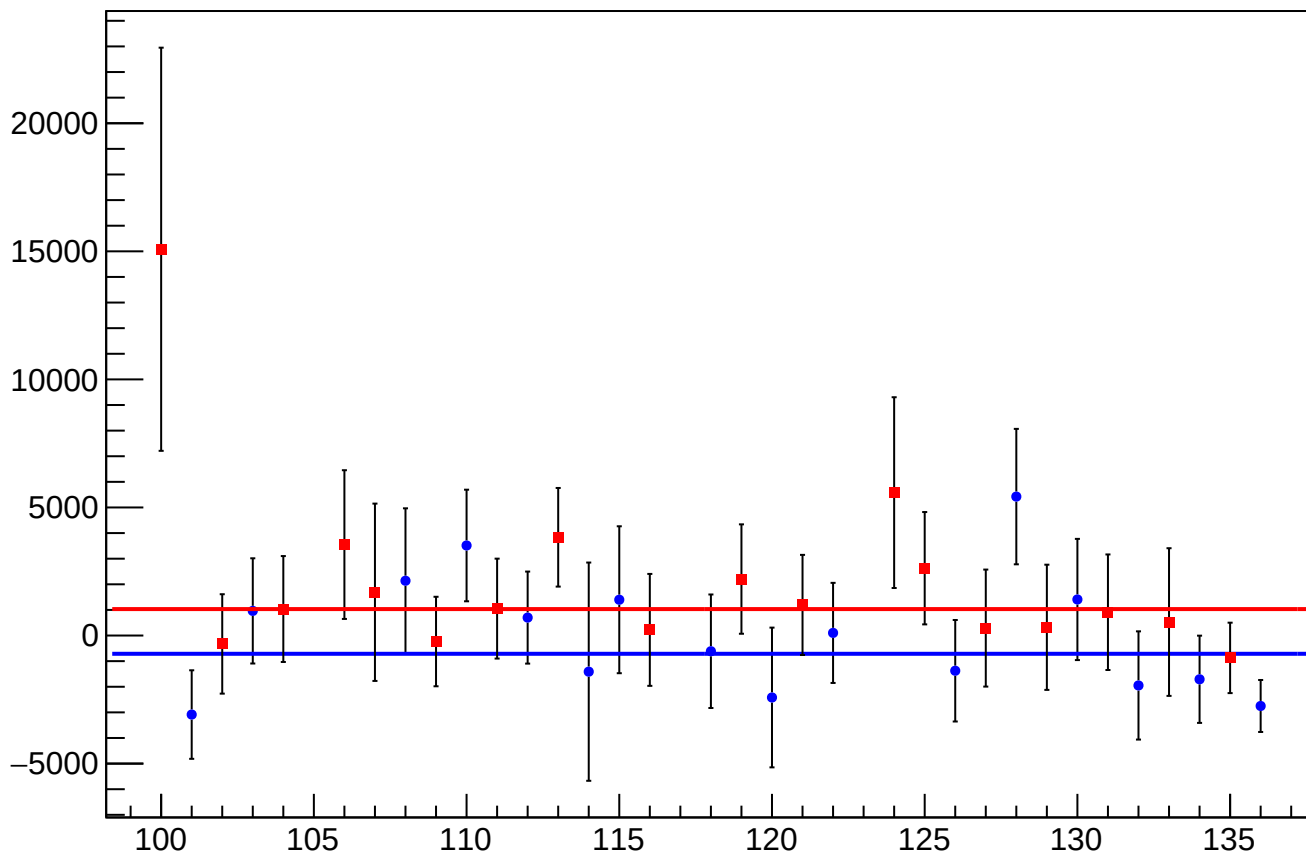
Right: 109.234 $\pm$ 0.021 χ^2 /NDF: 949550.9/33

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: 109.234 $\pm$ 0.021 χ^2 /NDF: 949550.9/33

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: 1032.645+/-516.159 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

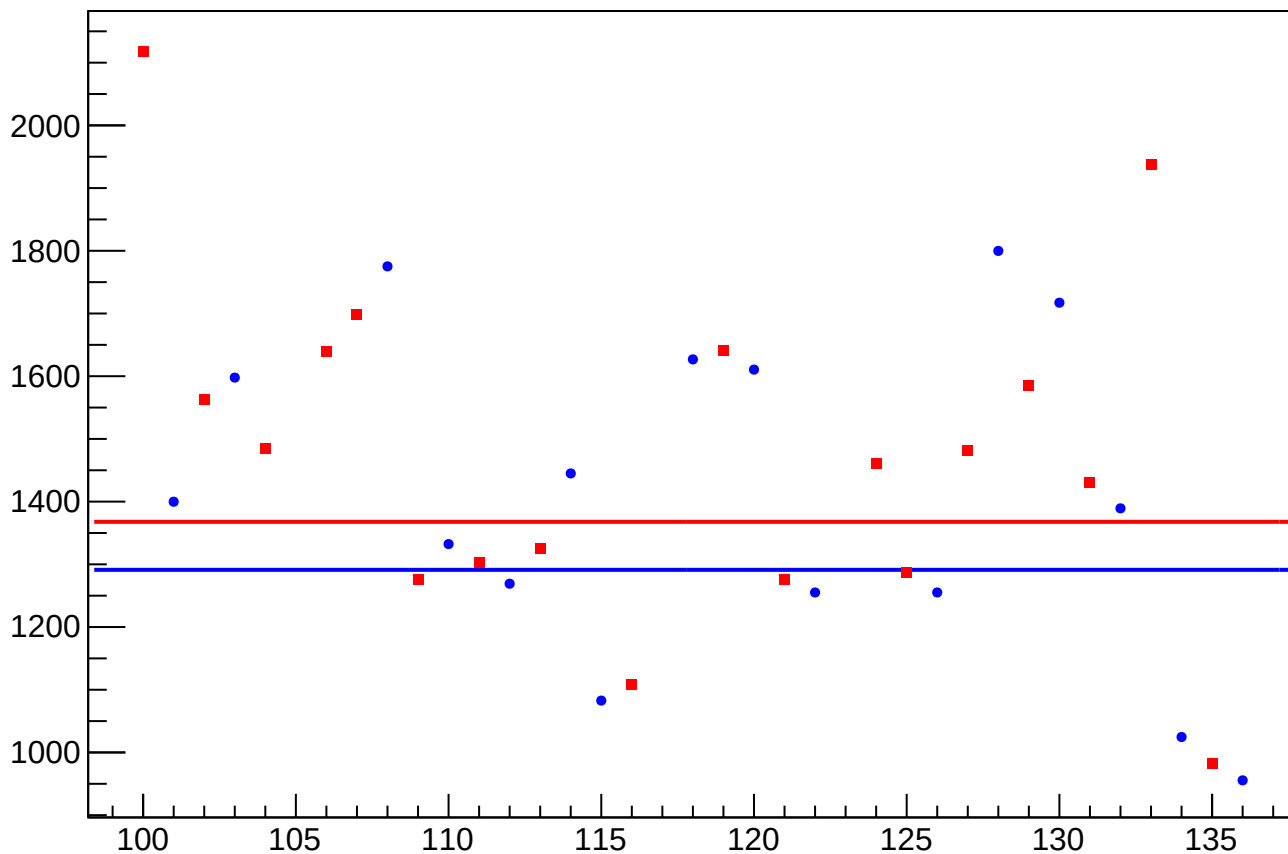
Right: 120.289+/-356.605 χ^2/NDF : 37.8/33

In: -712.887+/-493.253 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.289+/-356.605 χ^2/NDF : 37.8/33

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: 1367.775+/-0.365 χ^2/NDF : 416563.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

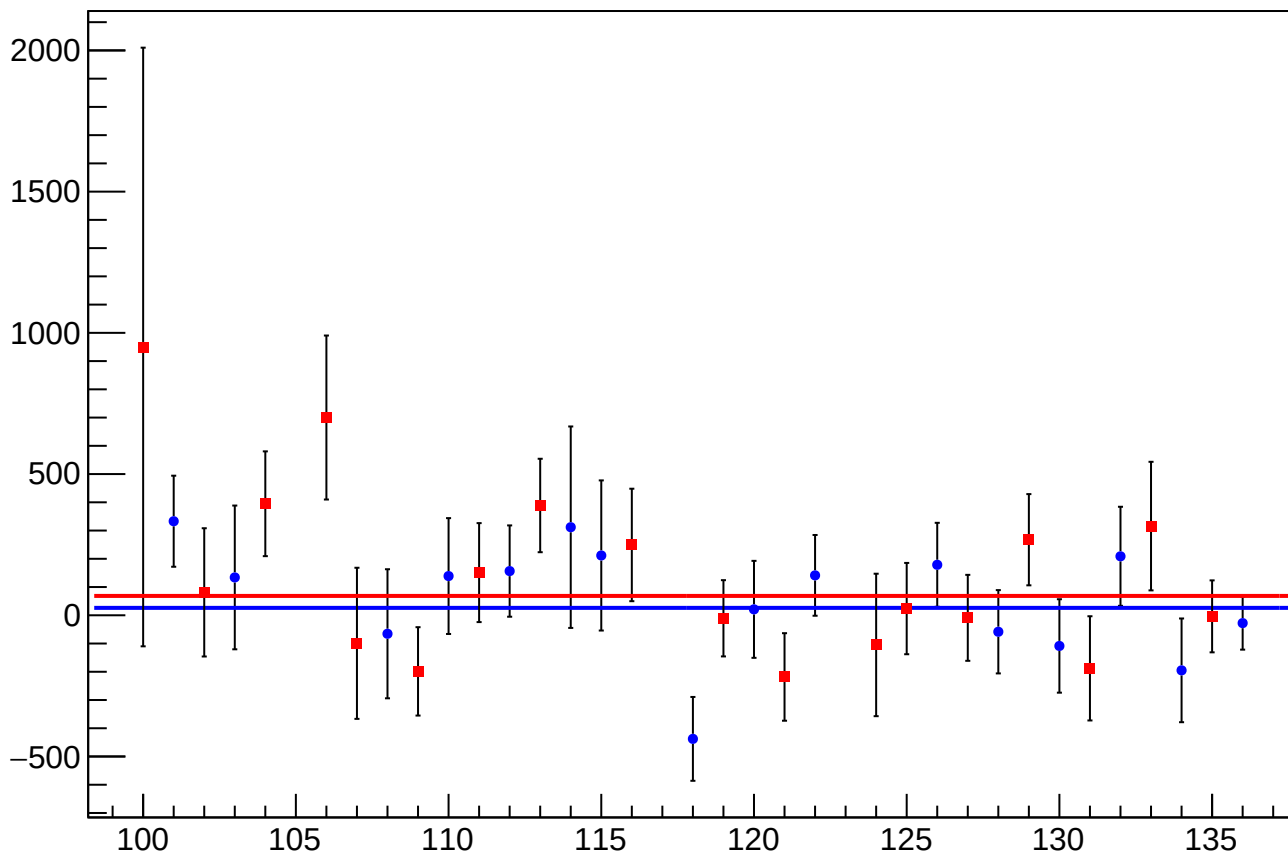
Right: 1327.763+/-0.252 χ^2/NDF : 1050455.0/33

In: 1291.223+/-0.349 χ^2/NDF : 610897.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.763+/-0.252 χ^2/NDF : 1050455.0/33

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: 68.548 $\pm$ 42.535 χ^2 /NDF: 26.2/17

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

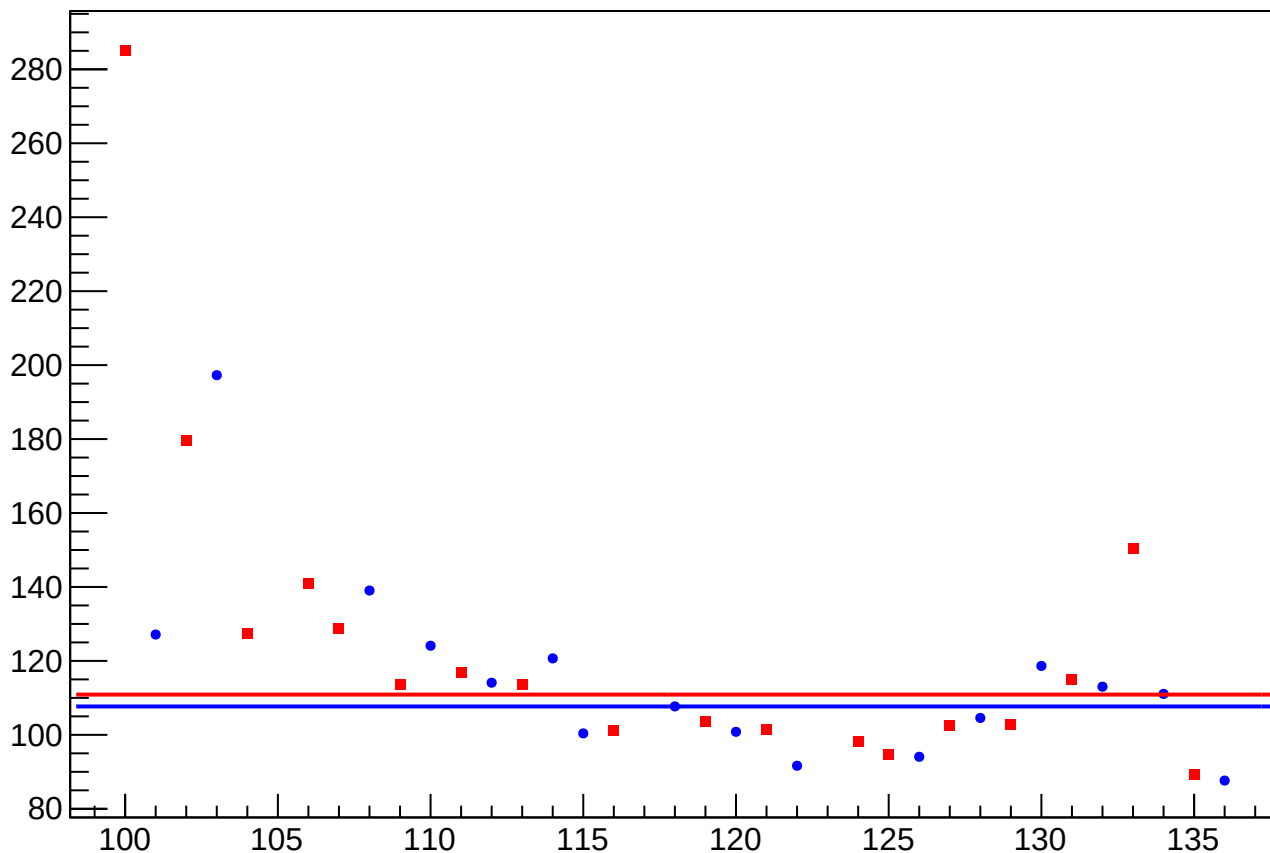
Right: 46.736 $\pm$ 29.601 χ^2 /NDF: 48.0/33

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: 46.736 $\pm$ 29.601 χ^2 /NDF: 48.0/33

eigen_dit_asym_sam_2468_avg_rms vs Slug, Sign Corrected



Right In: 107.679 $\pm$ 0.029 χ^2 /NDF: 483112.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 110.889 $\pm$ 0.030 χ^2 /NDF: 460549.9/17

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

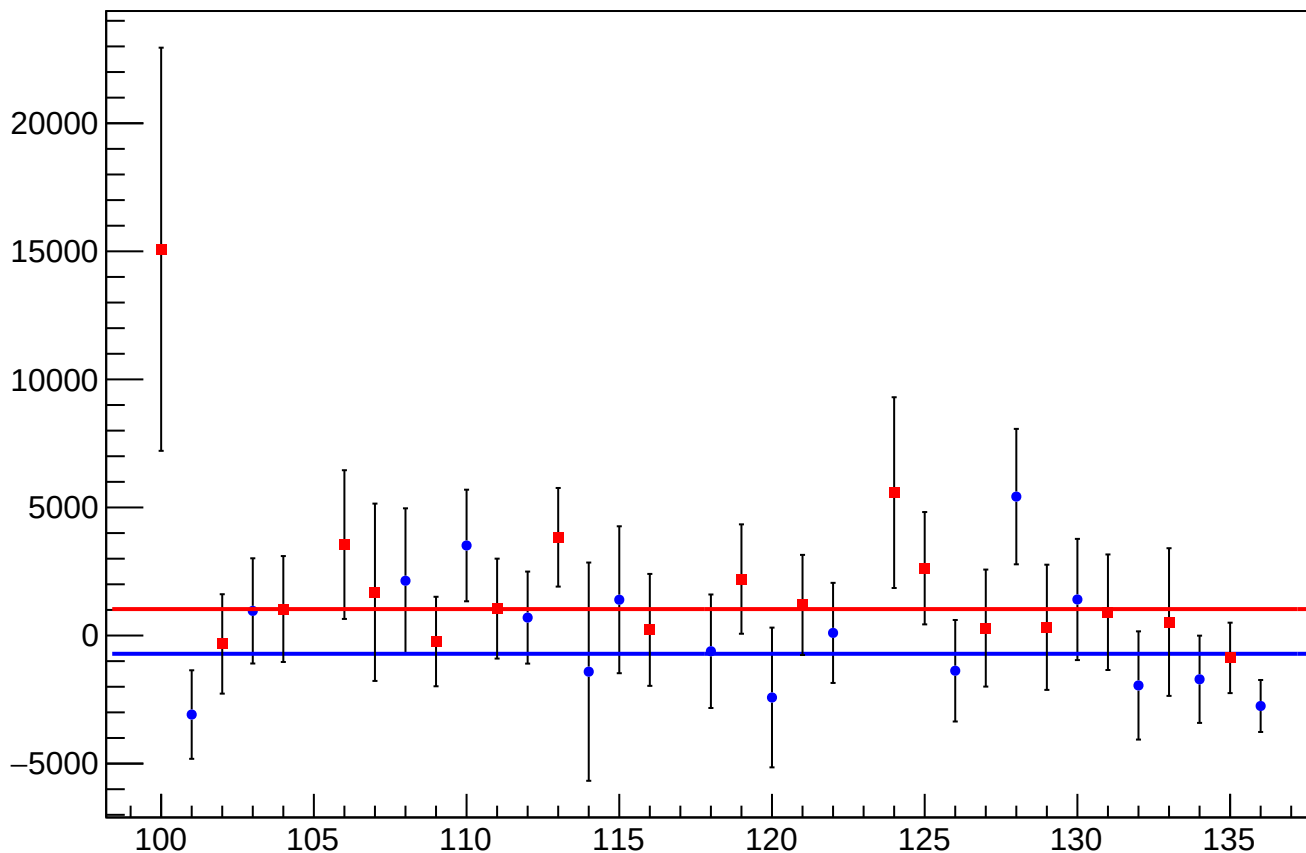
Right: 109.234 $\pm$ 0.021 χ^2 /NDF: 949535.5/33

In: 107.679 $\pm$ 0.029 χ^2 /NDF:483112.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 109.234 $\pm$ 0.021 χ^2 /NDF: 949535.5/33

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: 1032.644+/-516.157 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

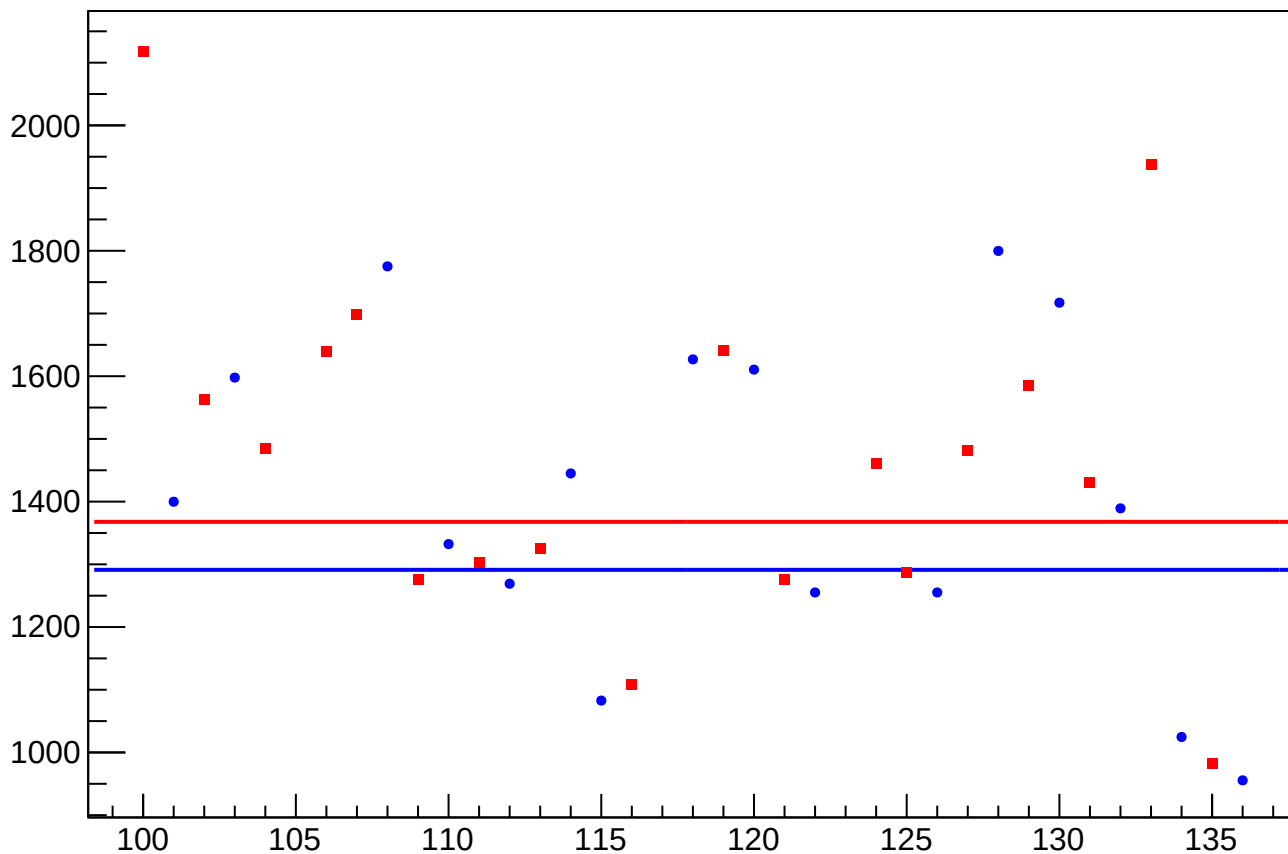
Right: 120.291+/-356.604 χ^2/NDF : 37.8/33

In: -712.881+/-493.252 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.291+/-356.604 χ^2/NDF : 37.8/33

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: 1367.771+/-0.365 χ^2/NDF : 416564.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

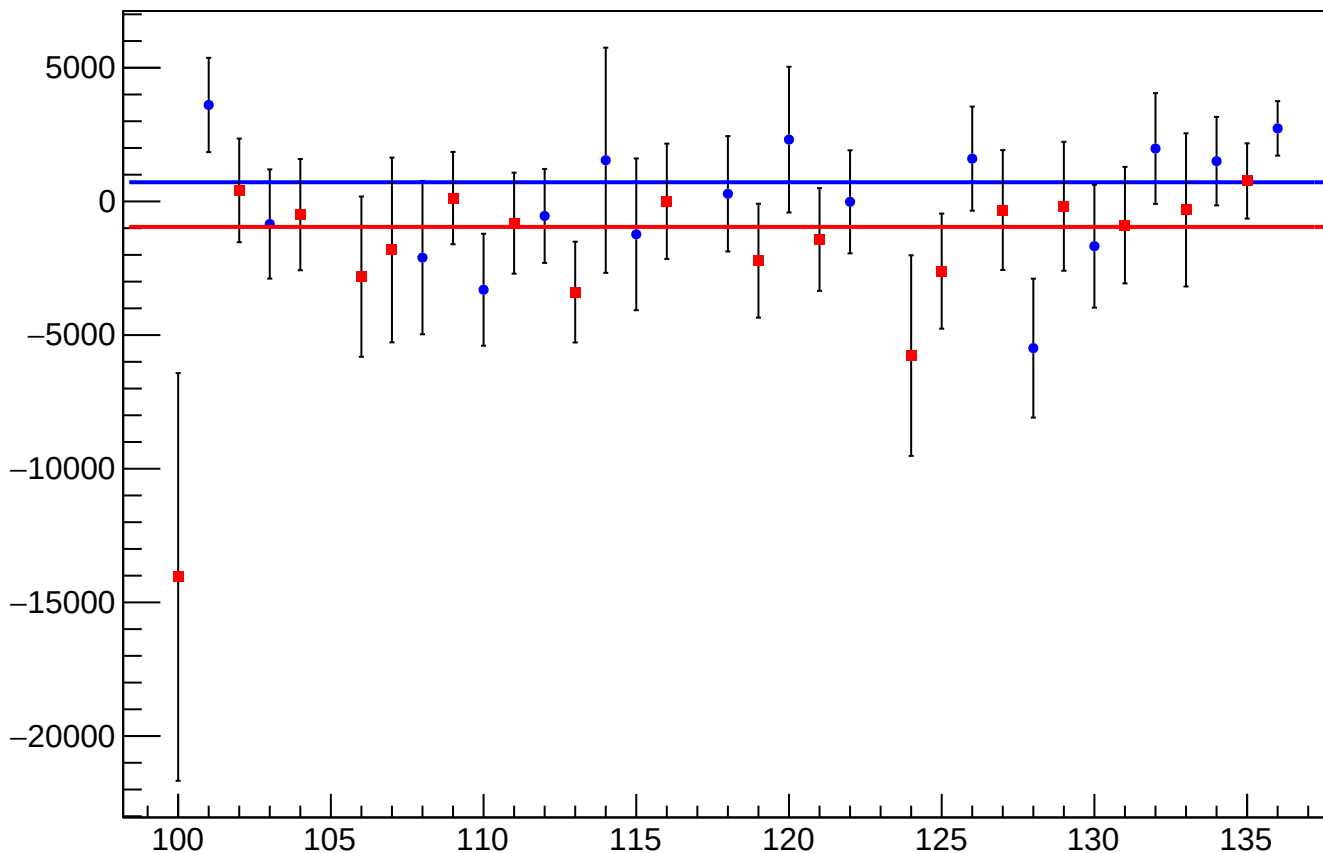
Right: 1327.759+/-0.252 χ^2/NDF : 1050452.6/33

In: 1291.220+/-0.349 χ^2/NDF : 610894.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1327.759+/-0.252 χ^2/NDF : 1050452.6/33

asym_sam_2468_avg_mean vs Slug, Sign Corrected



Right In: 717.617+/-488.239 χ^2/NDF : 21.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -953.576+/-512.513 χ^2/NDF : 10.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

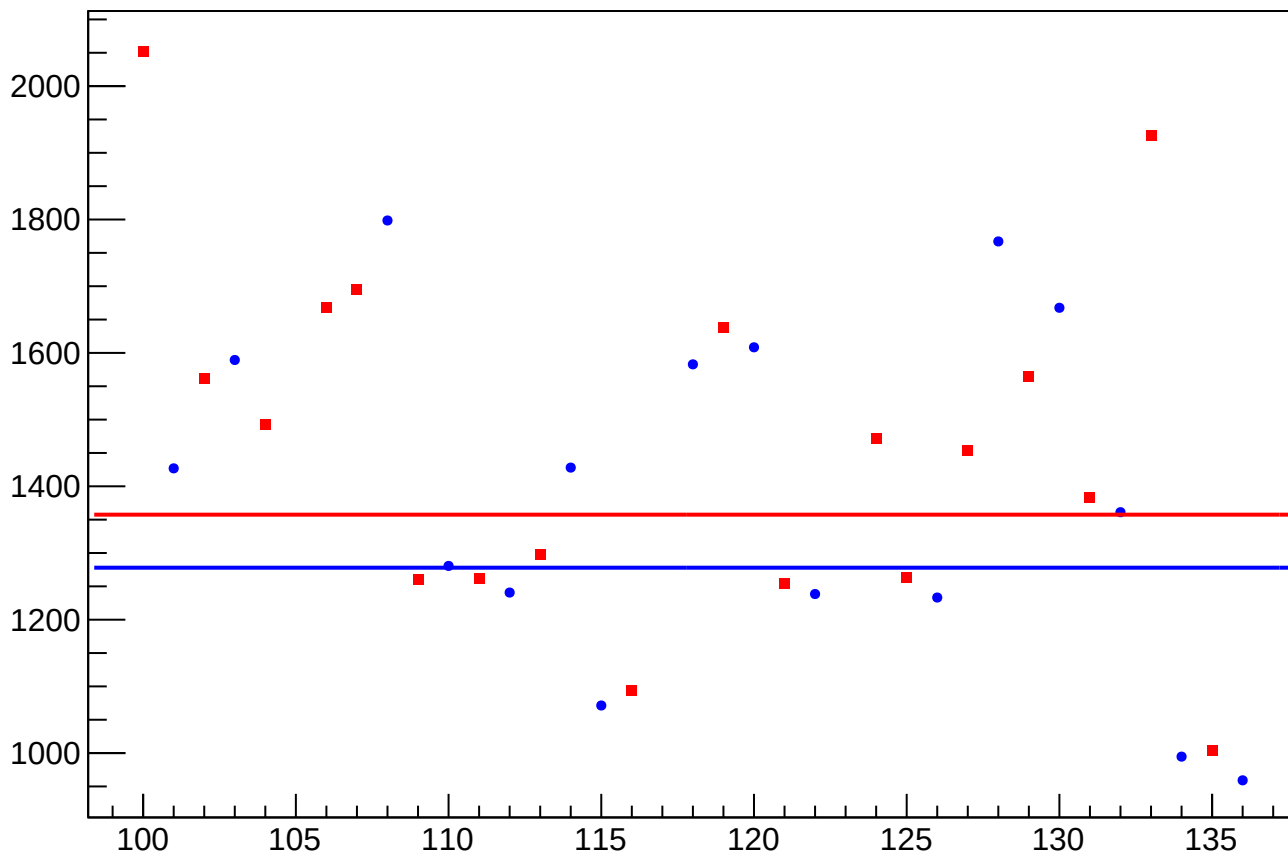
Right: -77.467+/-353.507 χ^2/NDF : 37.1/33

In: 717.617+/-488.239 χ^2/NDF : 21.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.467+/-353.507 χ^2/NDF : 37.1/33

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: 1357.480+/-0.362 χ^2/NDF : 401346.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

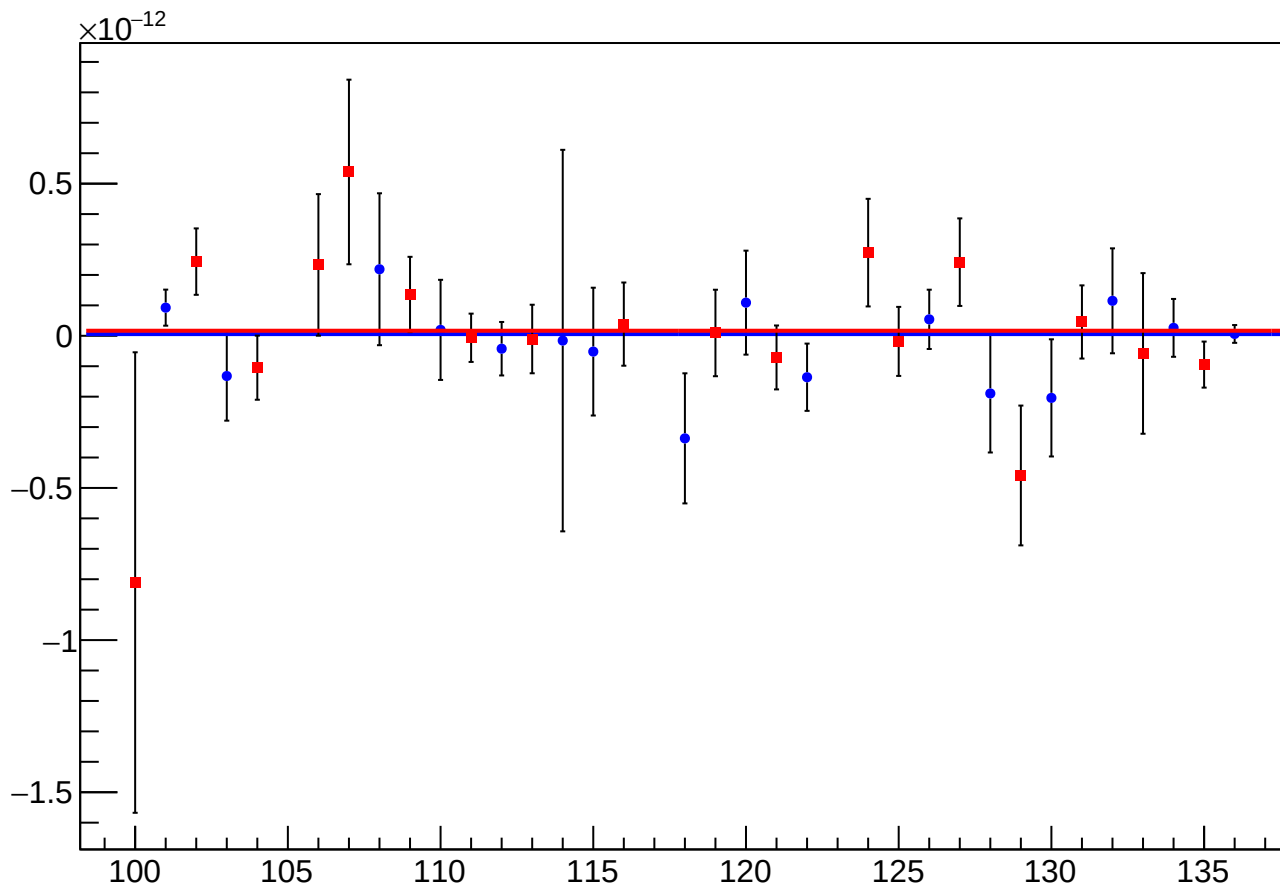
Right: 1315.802+/-0.250 χ^2/NDF : 1024242.7/33

In: 1277.979+/-0.345 χ^2/NDF : 597666.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1315.802+/-0.250 χ^2/NDF : 1024242.7/33

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 : 23.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

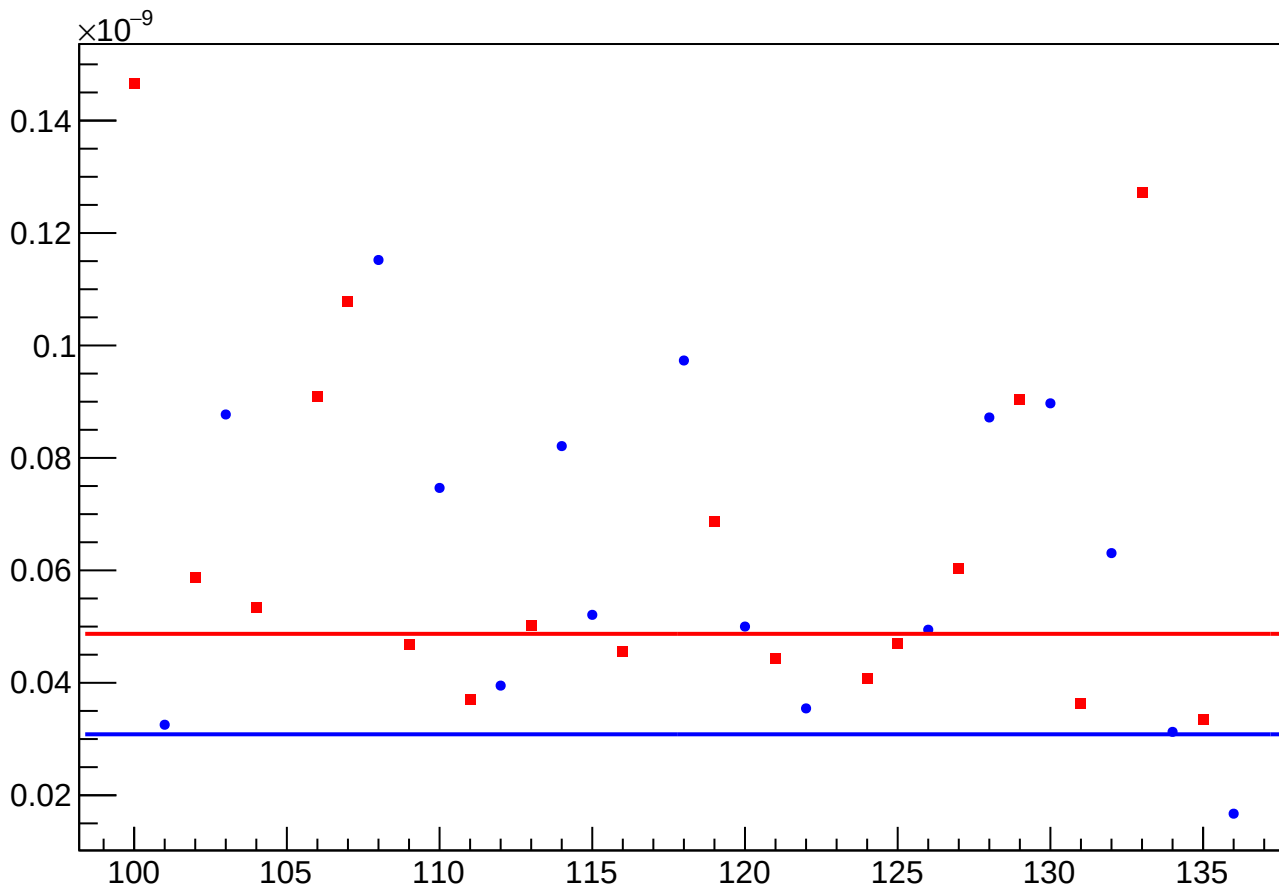
Right: 0.000+/-0.000 χ^2/NDF : 35.4/33

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 : 35.4/33

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 : 646537.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

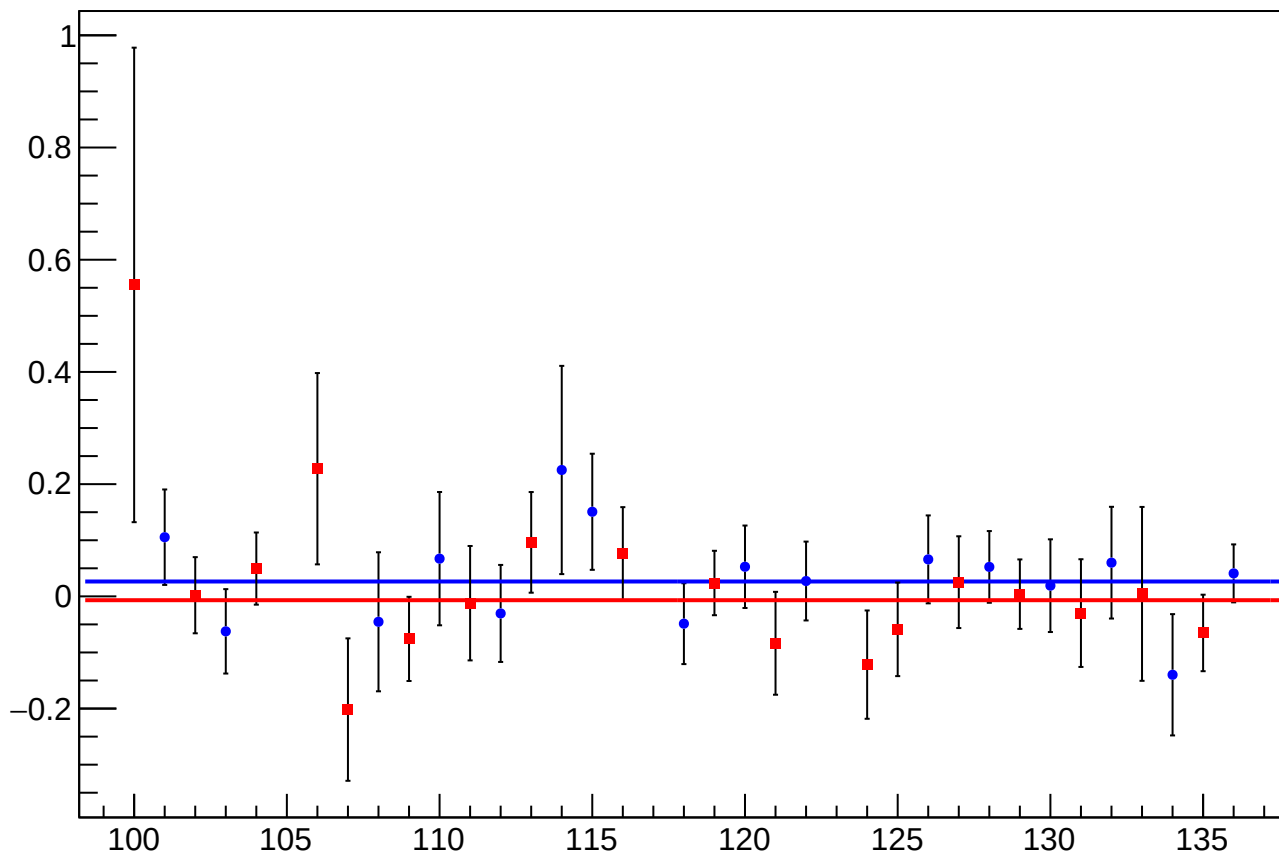
Right: 0.000+/-0.000 χ^2/NDF : 3034226.3/33

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 : 3034226.3/33

asym_sam_2468_avg_dit_vs_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: -0.007 $\pm$ 0.020 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

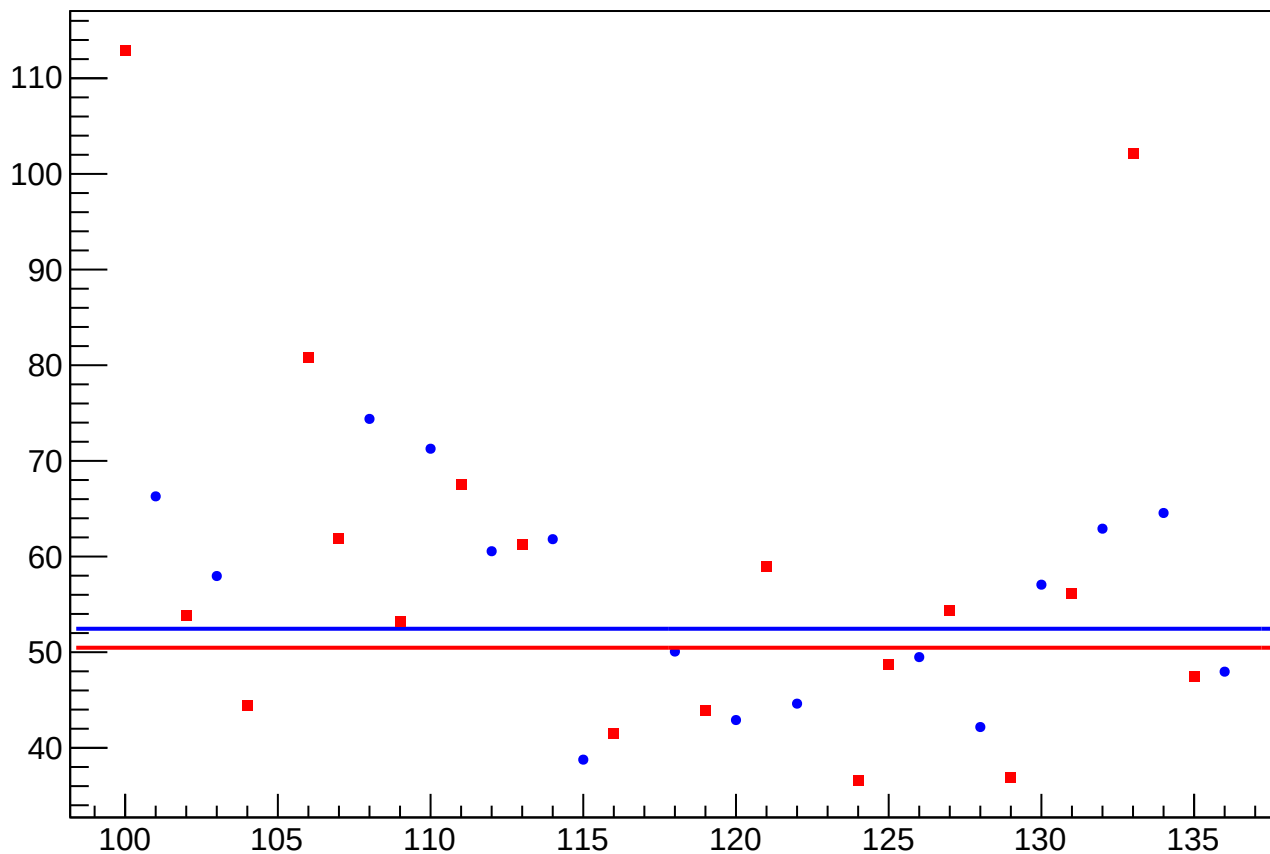
Right: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 50.468+/-0.014 χ^2/NDF : 676424.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

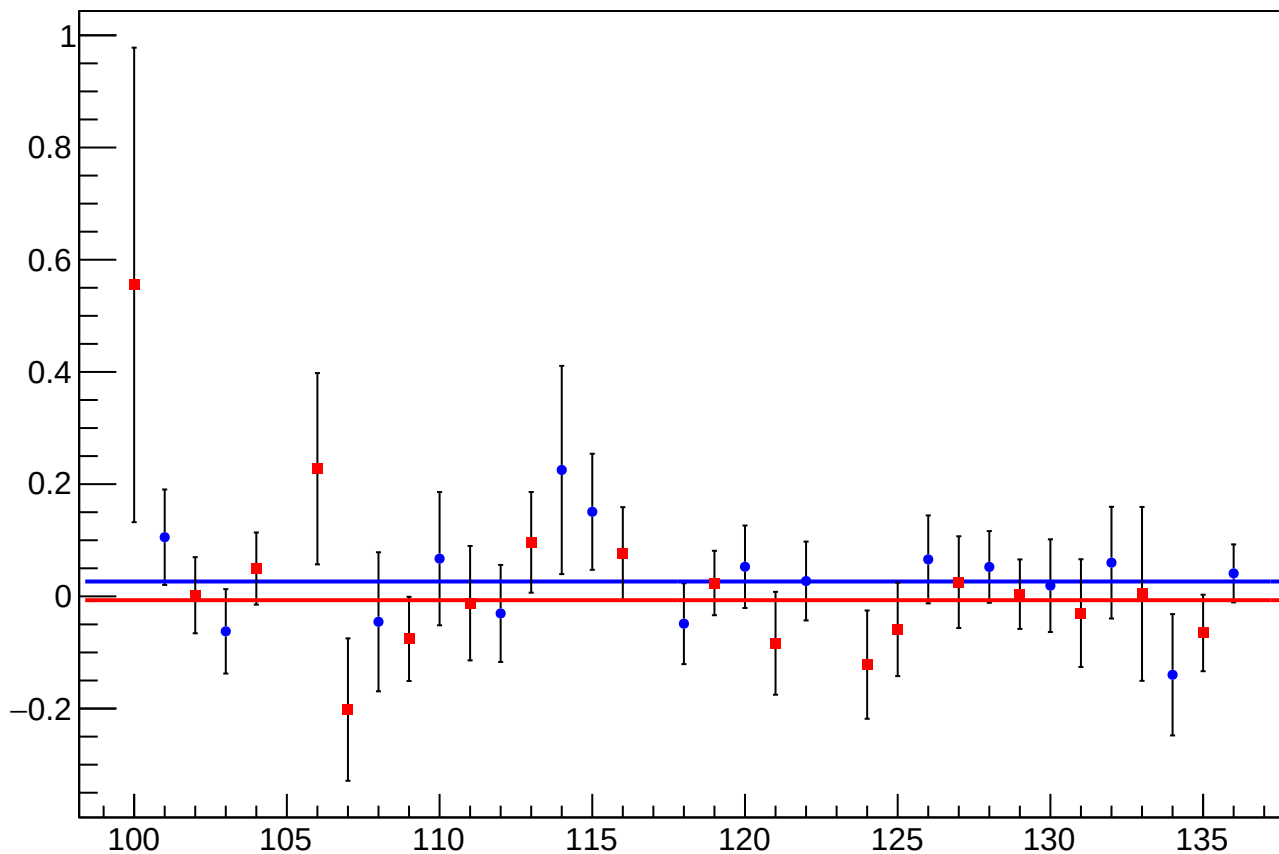
Right: 51.429+/-0.010 χ^2/NDF : 1104173.0/33

In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.429+/-0.010 χ^2/NDF : 1104173.0/33

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: -0.007 $\pm$ 0.020 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

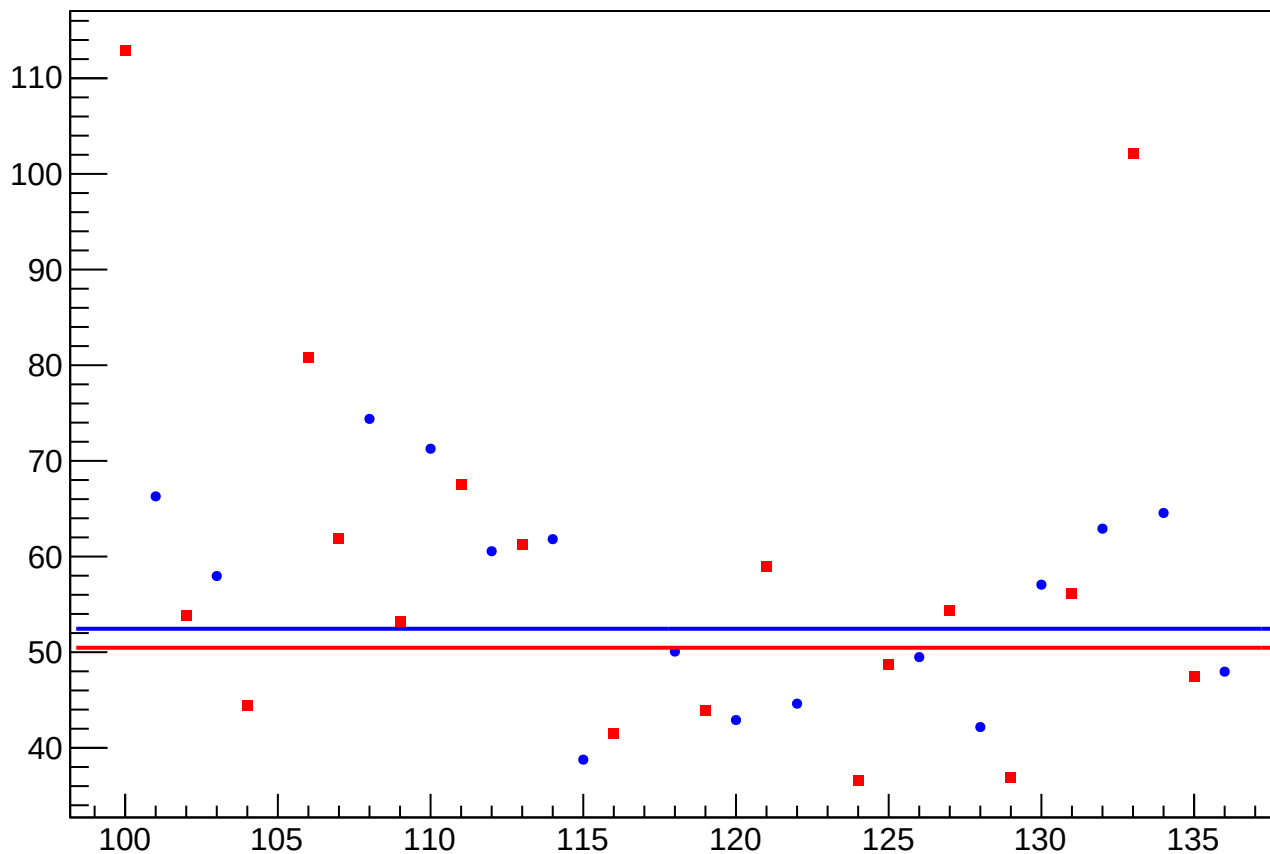
Right: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 50.468+/-0.014 χ^2/NDF : 676424.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

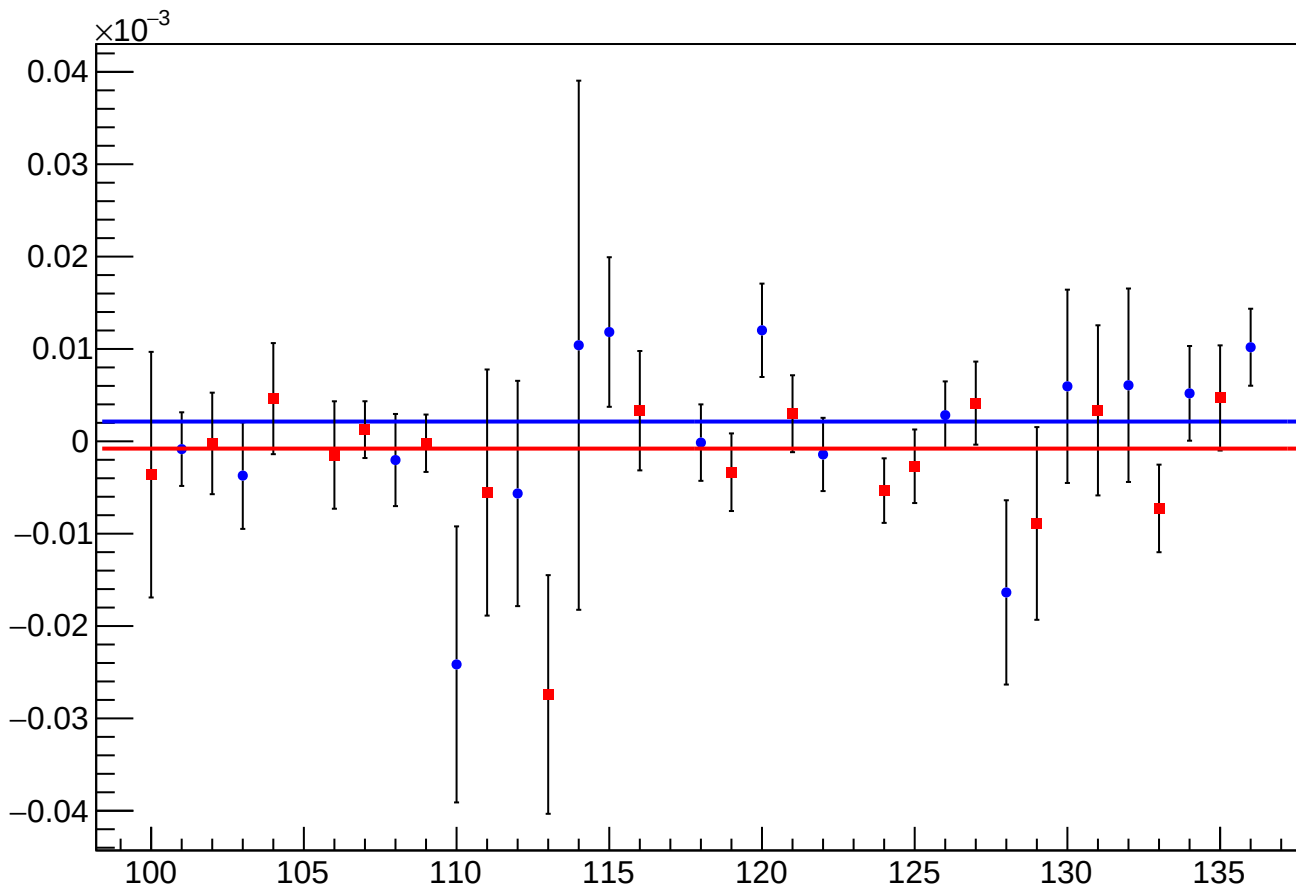
Right: 51.429+/-0.010 χ^2/NDF : 1104173.0/33

In: 52.451+/-0.014 χ^2/NDF : 418014.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.429+/-0.010 χ^2/NDF : 1104173.0/33

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 : 14.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

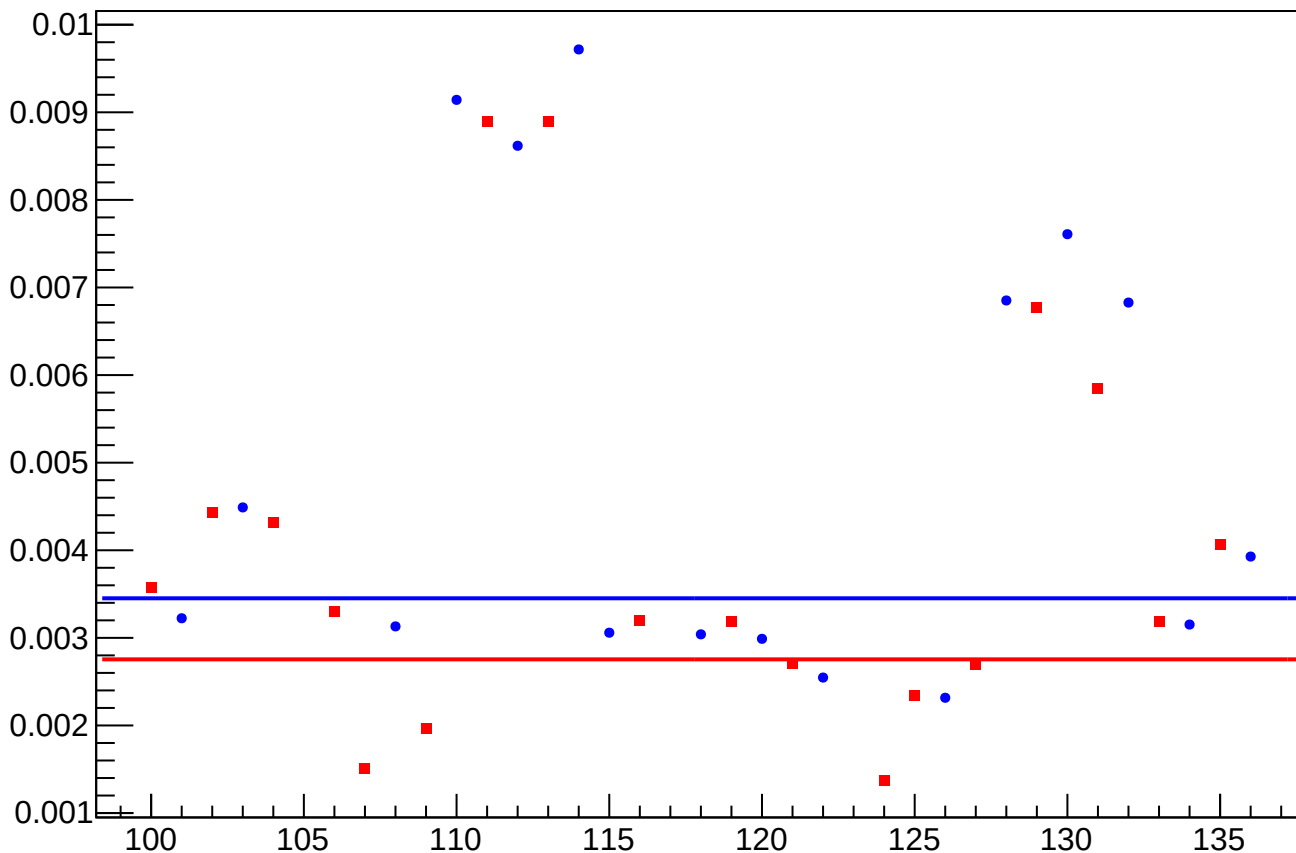
Right: 0.000+/-0.000 χ^2/NDF : 36.7/33

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 : 36.7/33

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 : 2693799.3/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.003+/-0.000

χ^2/NDF : 4942865.1/33

In: 0.003+/-0.000

χ^2/NDF : 1951102.6/15

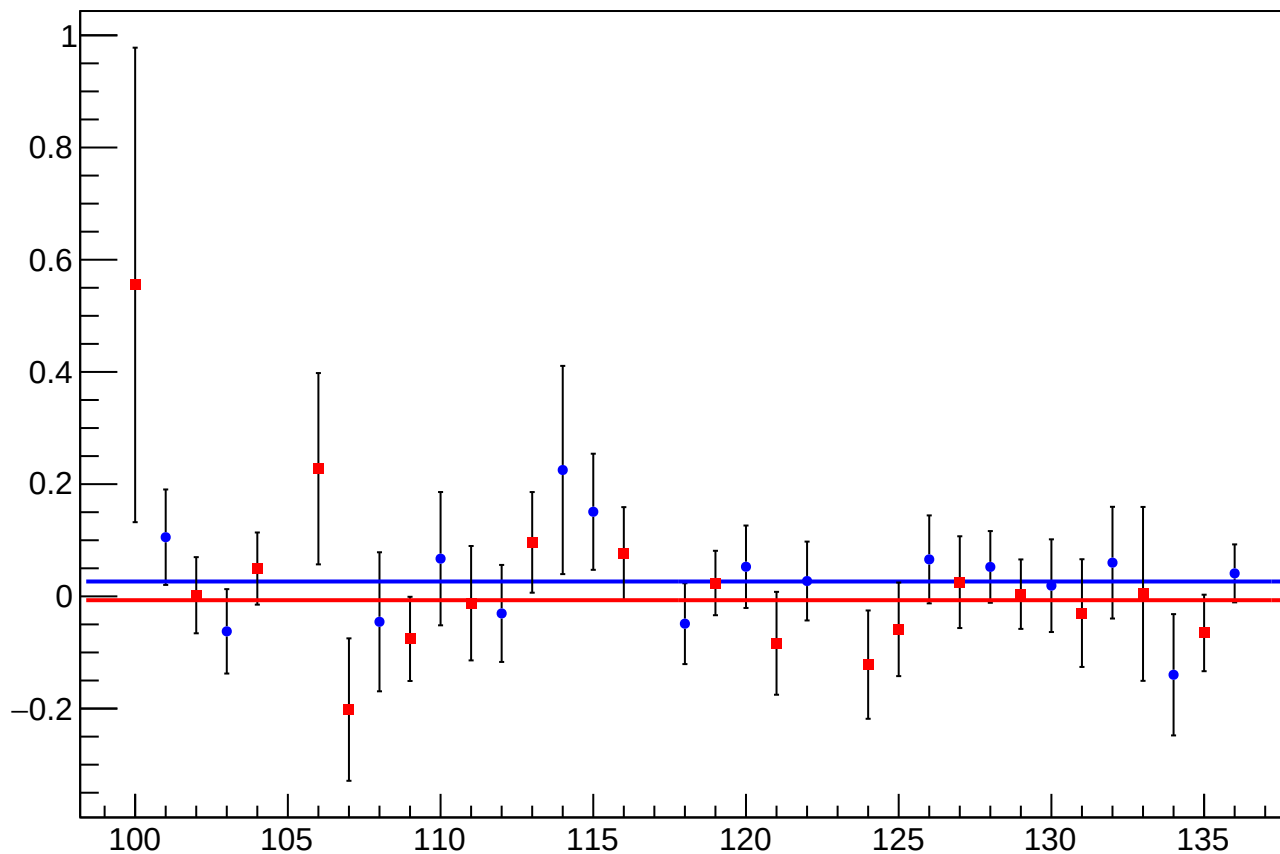
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.003+/-0.000

χ^2/NDF : 4942865.1/33

asym_sam_2468_avg_eigen_dit_vs_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: -0.007 $\pm$ 0.020 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

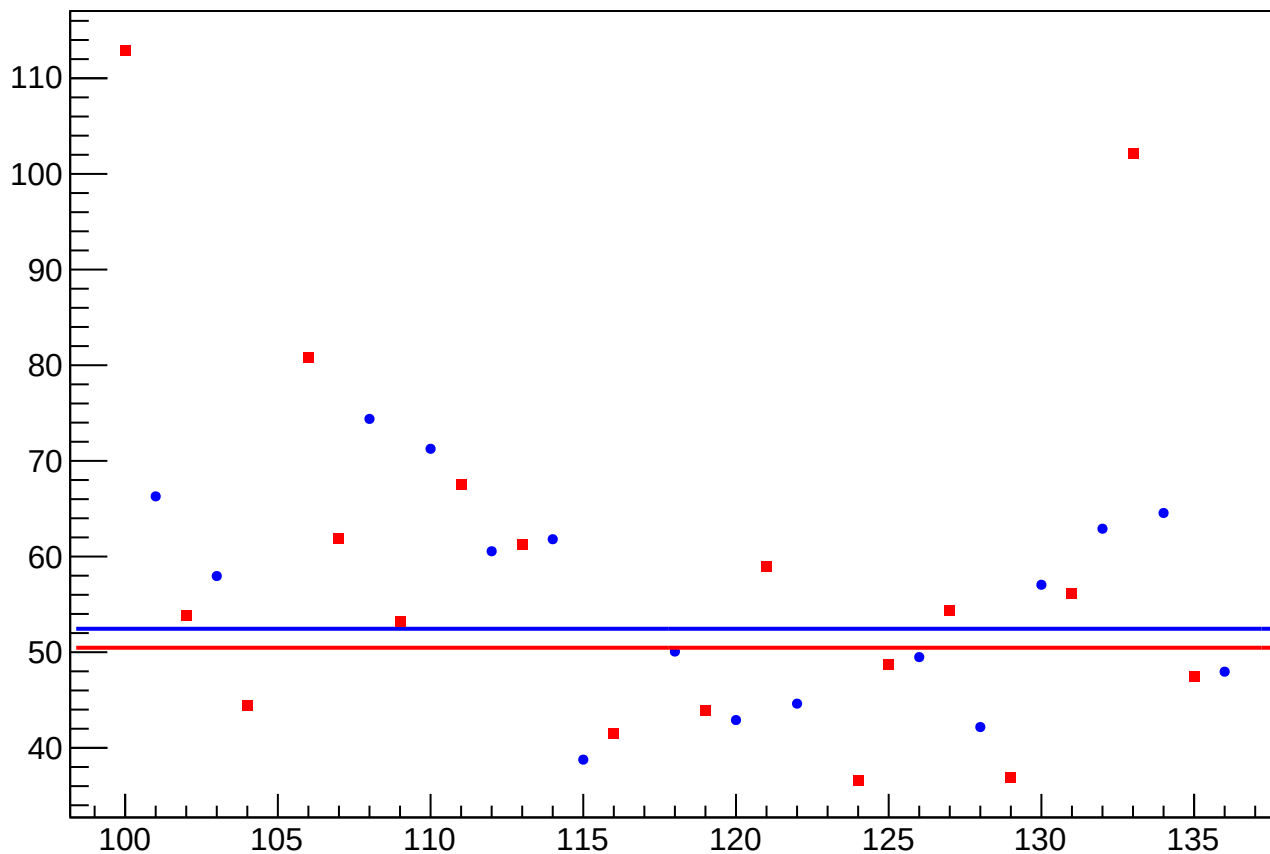
Right: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 0.009 $\pm$ 0.014 χ^2 /NDF: 25.0/33

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: 50.467+/-0.014 χ^2/NDF : 676430.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

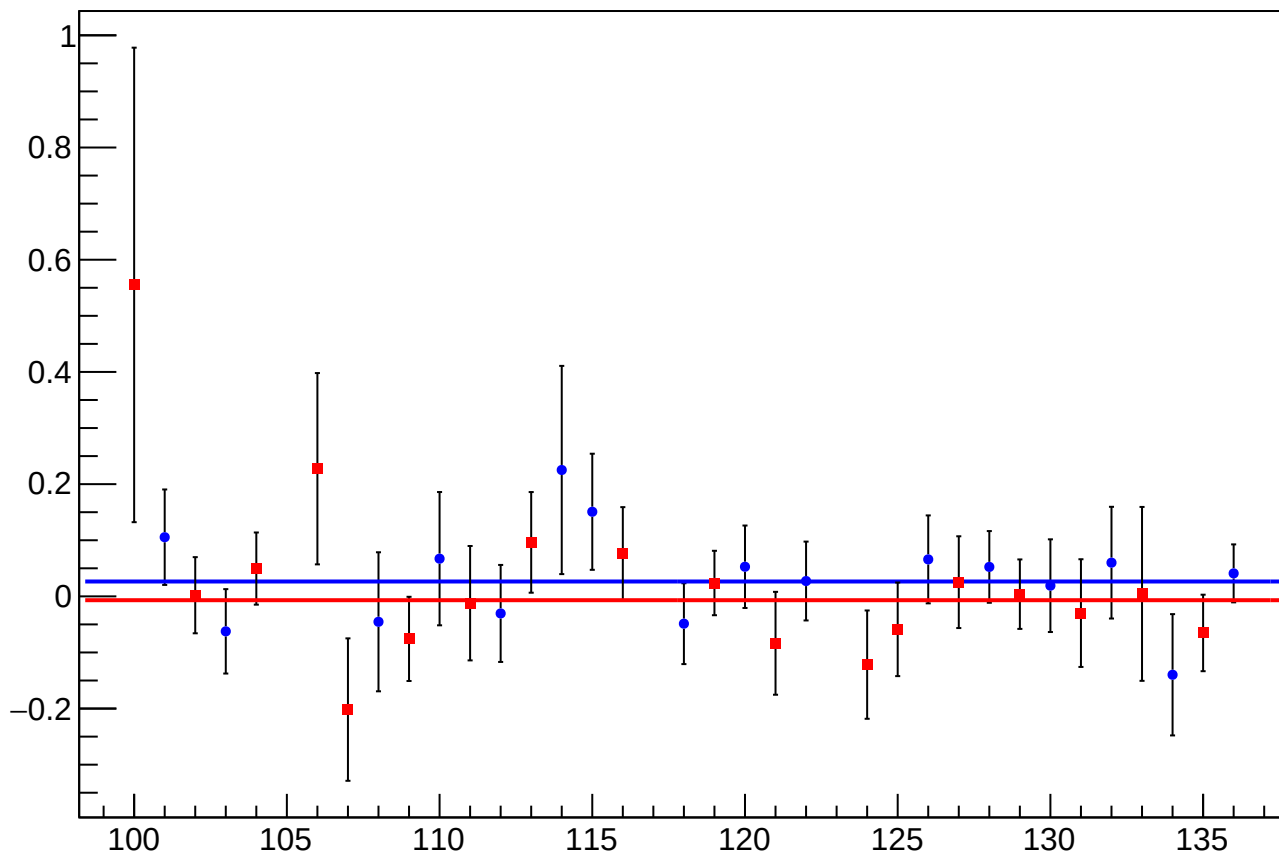
Right: 51.428+/-0.010 χ^2/NDF : 1104132.7/33

In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.428+/-0.010 χ^2/NDF : 1104132.7/33

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: -0.007+/-0.020 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

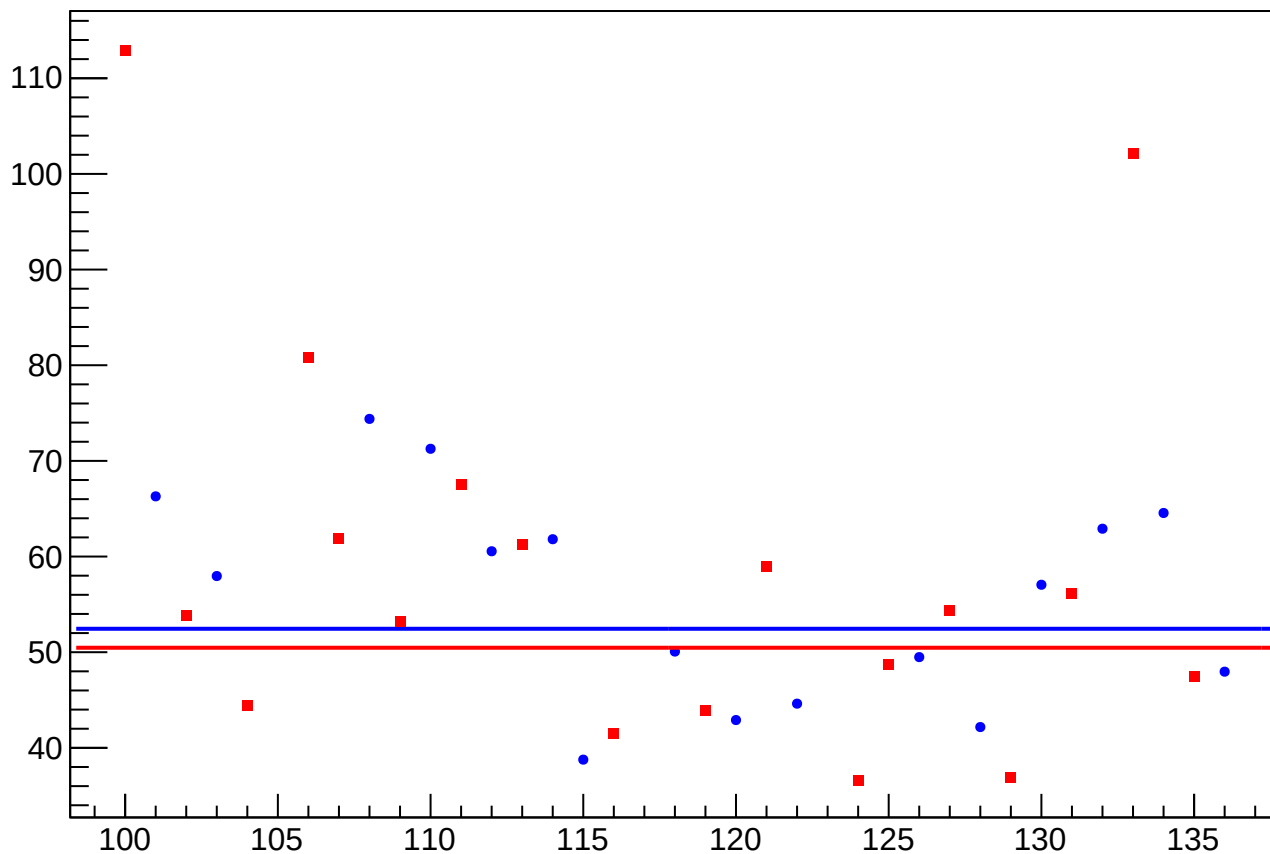
Right: 0.009+/-0.014 χ^2/NDF : 25.0/33

In: 0.026+/-0.020 χ^2/NDF : 9.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.014 χ^2/NDF : 25.0/33

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: 50.467+/-0.014 χ^2/NDF : 676430.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

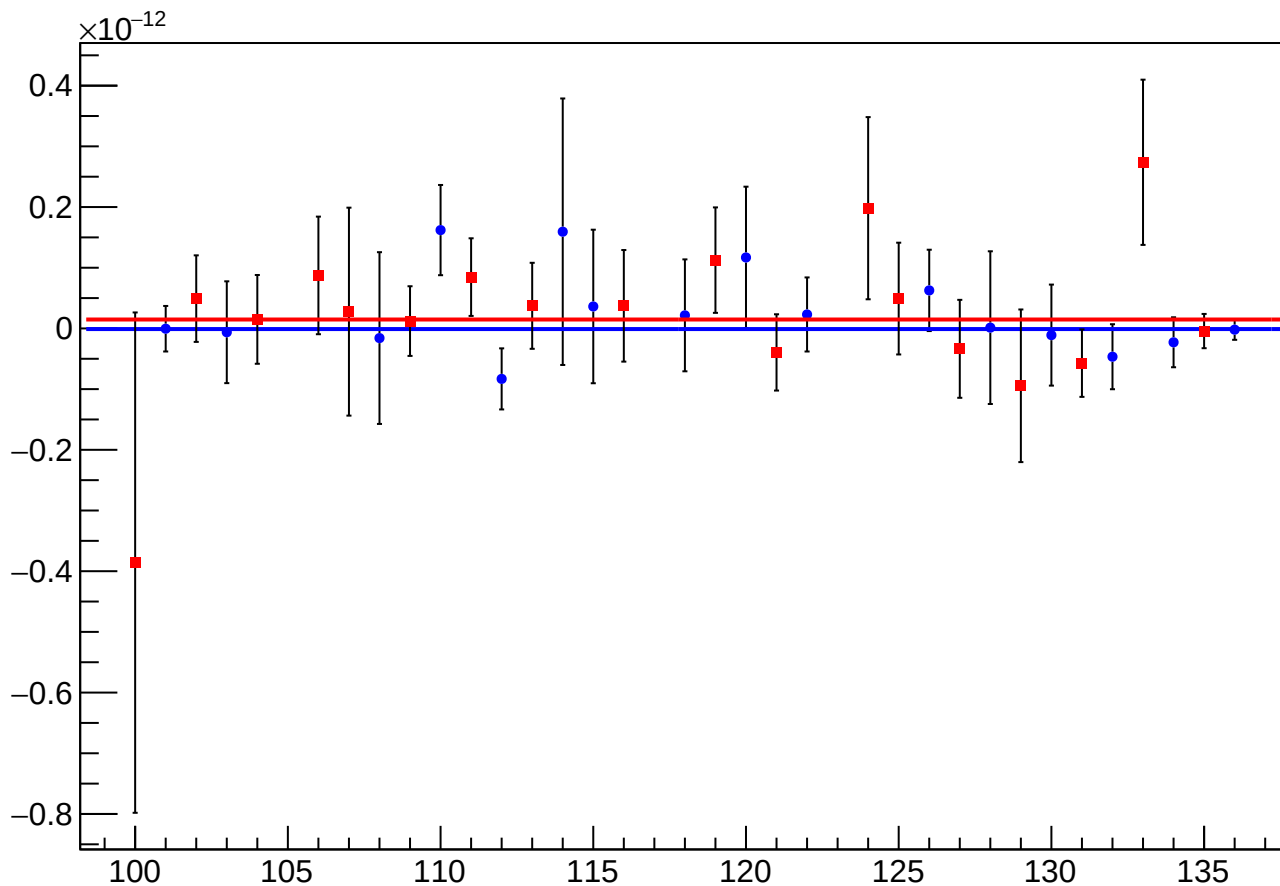
Right: 51.428+/-0.010 χ^2/NDF : 1104132.7/33

In: 52.450+/-0.014 χ^2/NDF : 417967.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.428+/-0.010 χ^2/NDF : 1104132.7/33

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: 13.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

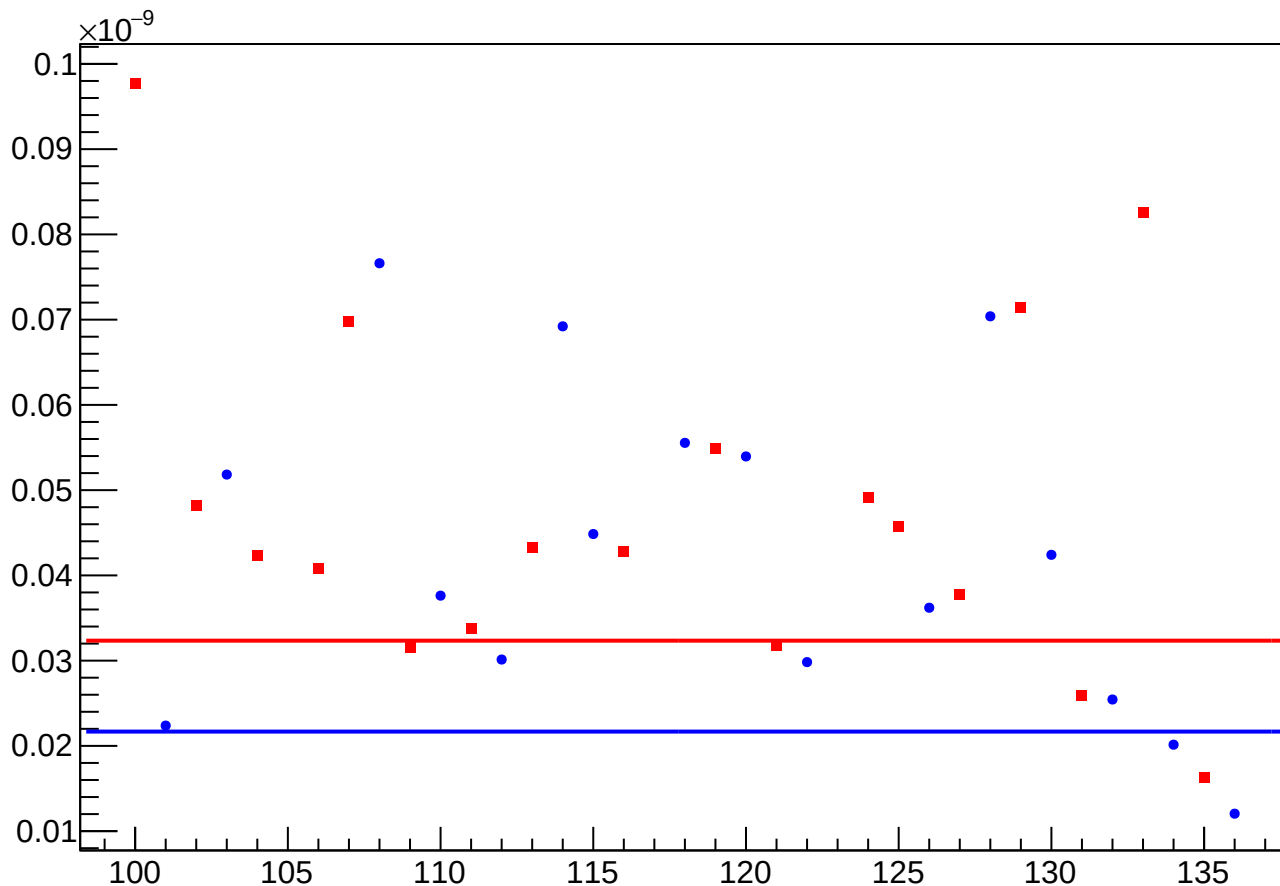
Right: 0.000+/-0.000 χ^2 /NDF: 25.5/33

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: 25.5/33

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 : 1723377.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

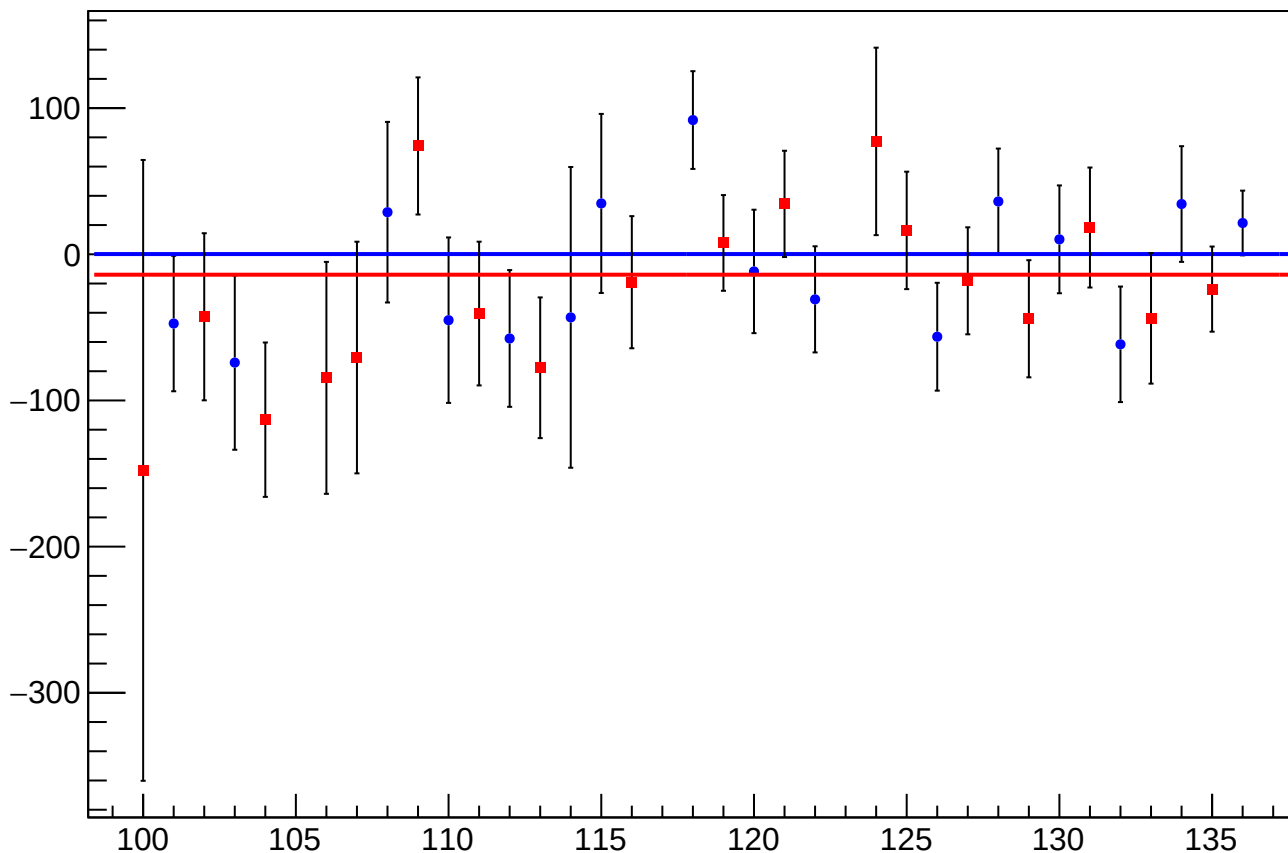
Right: 0.000+/-0.000 χ^2/NDF : 4804781.8/33

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 : 4804781.8/33

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: -13.963 ± 10.547 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

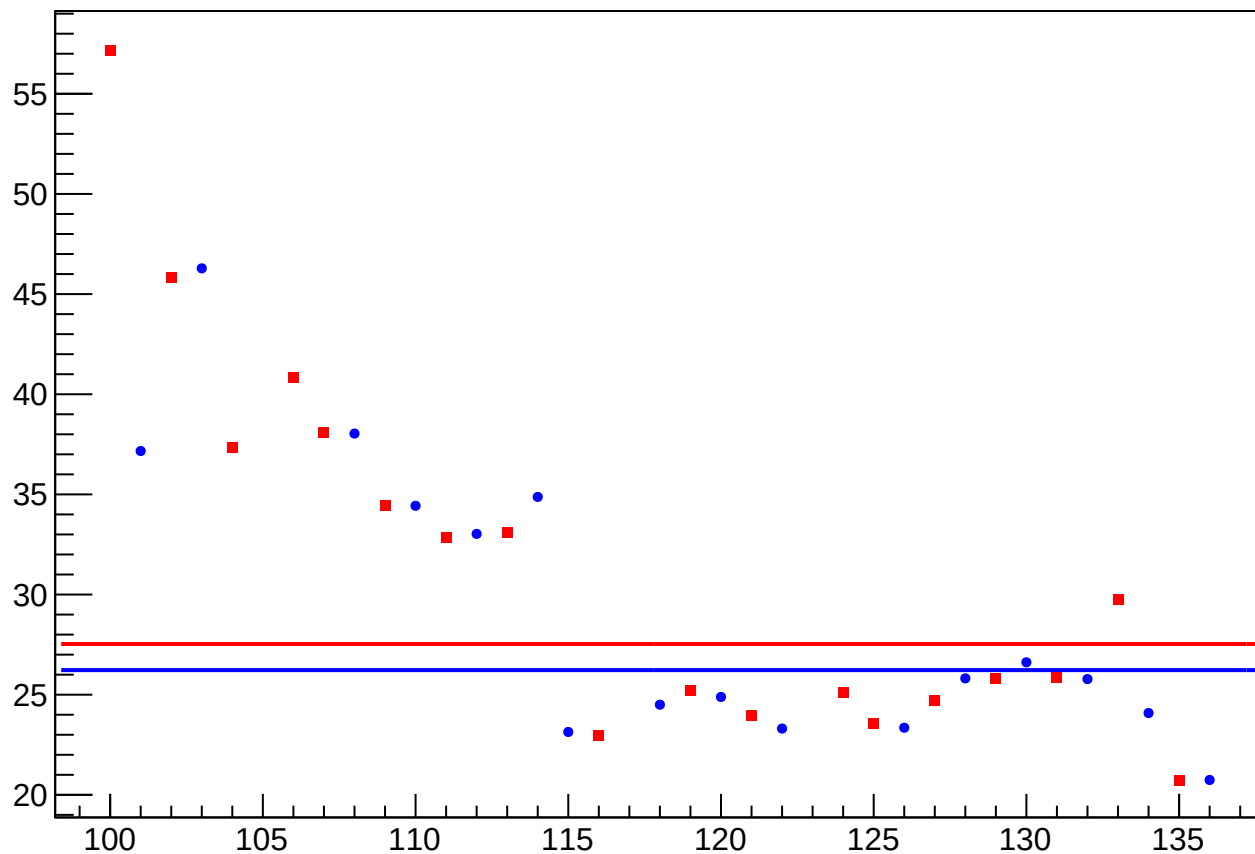
Right: -6.562 ± 7.275 χ^2/NDF : 39.9/33

In: 0.155 ± 10.048 χ^2/NDF : 21.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.562 ± 7.275 χ^2/NDF : 39.9/33

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: 27.531+/-0.007 χ^2/NDF : 704329.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

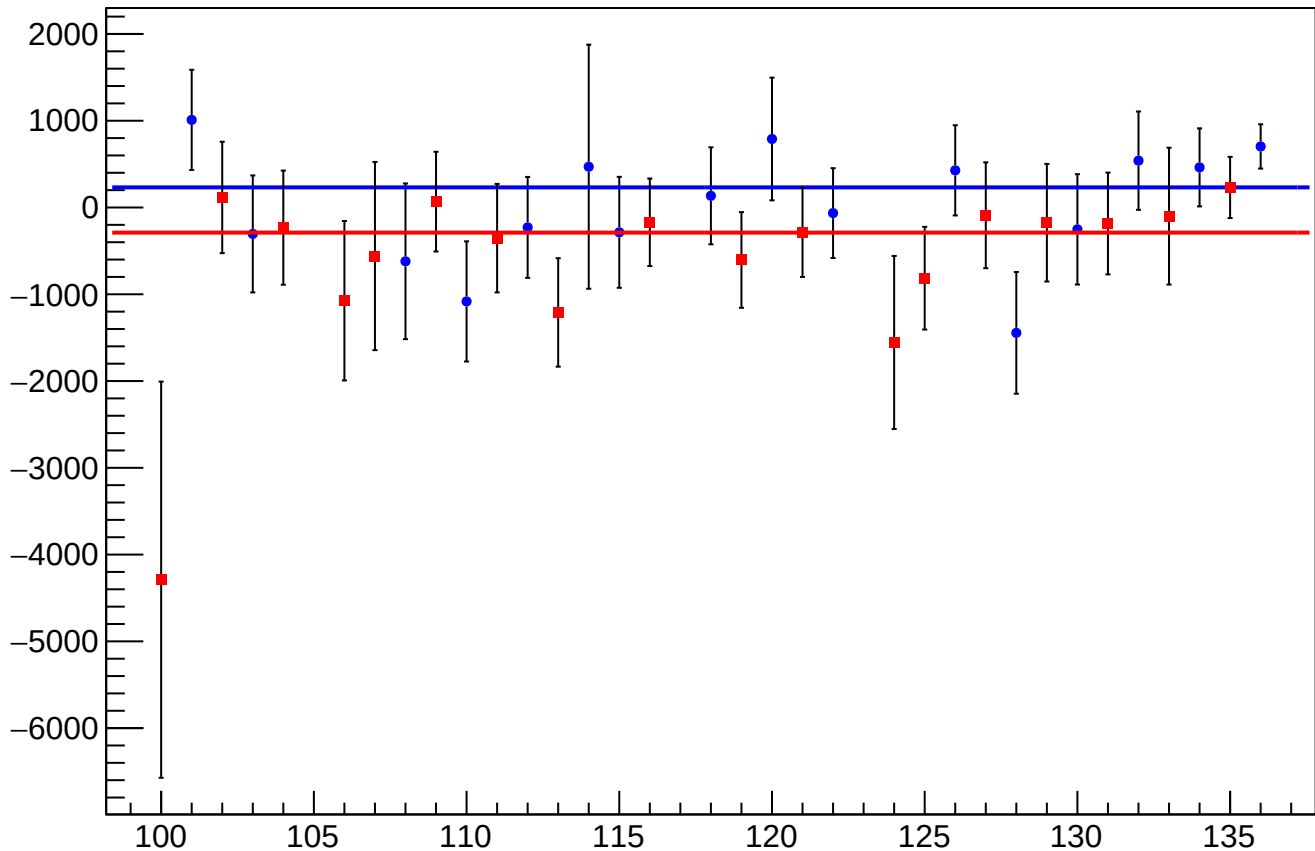
Right: 26.847+/-0.005 χ^2/NDF : 1396394.5/33

In: 26.227+/-0.007 χ^2/NDF : 676026.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.847+/-0.005 χ^2/NDF : 1396394.5/33

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: -289.363 $\pm$ 145.246 χ^2 /NDF: 12.0/17

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

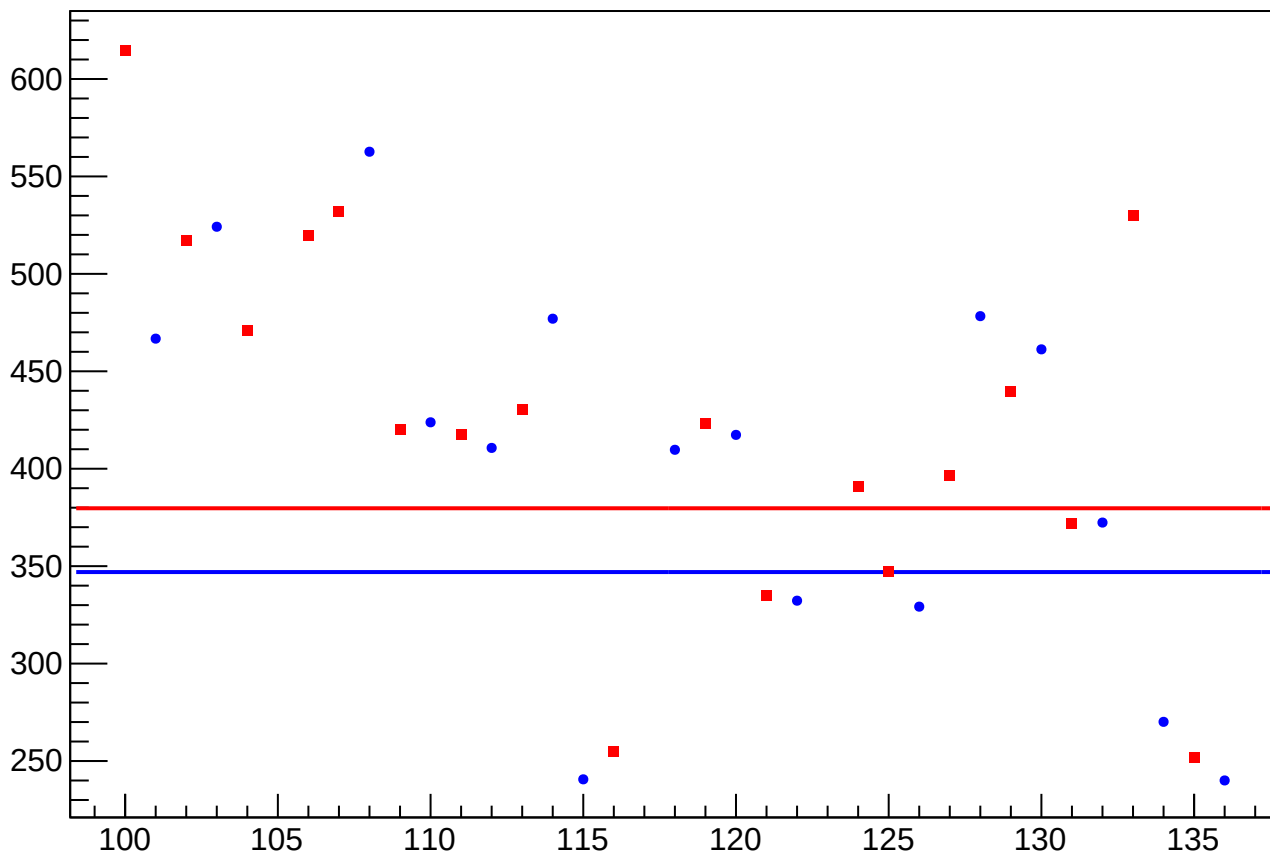
Right: -9.349 $\pm$ 98.833 χ^2 /NDF: 38.6/33

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: -9.349 $\pm$ 98.833 χ^2 /NDF: 38.6/33

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: 379.704+/-0.103 χ^2/NDF : 778131.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

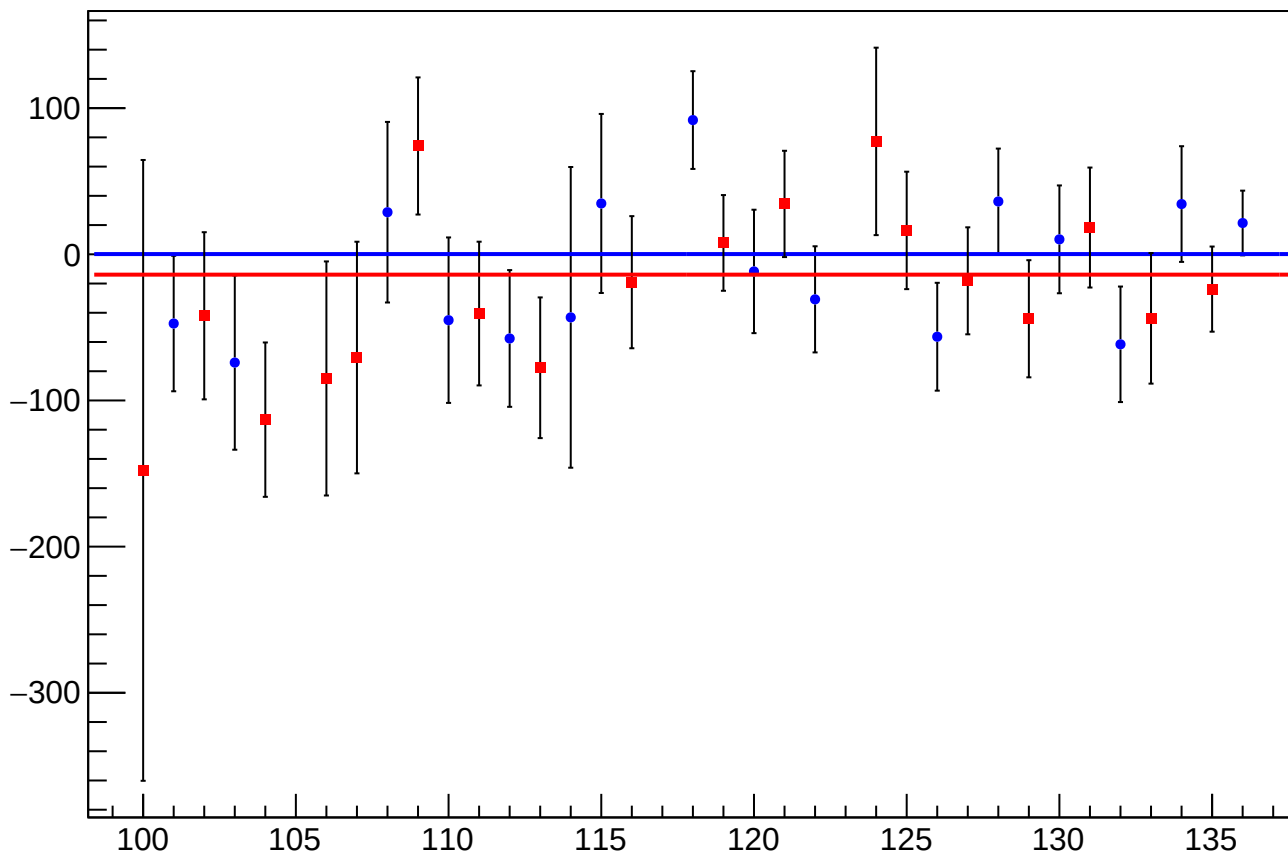
Right: 362.126+/-0.070 χ^2/NDF : 1890713.4/33

In: 346.969+/-0.095 χ^2/NDF : 1058029.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 362.126+/-0.070 χ^2/NDF : 1890713.4/33

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: -13.920+/-10.549 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

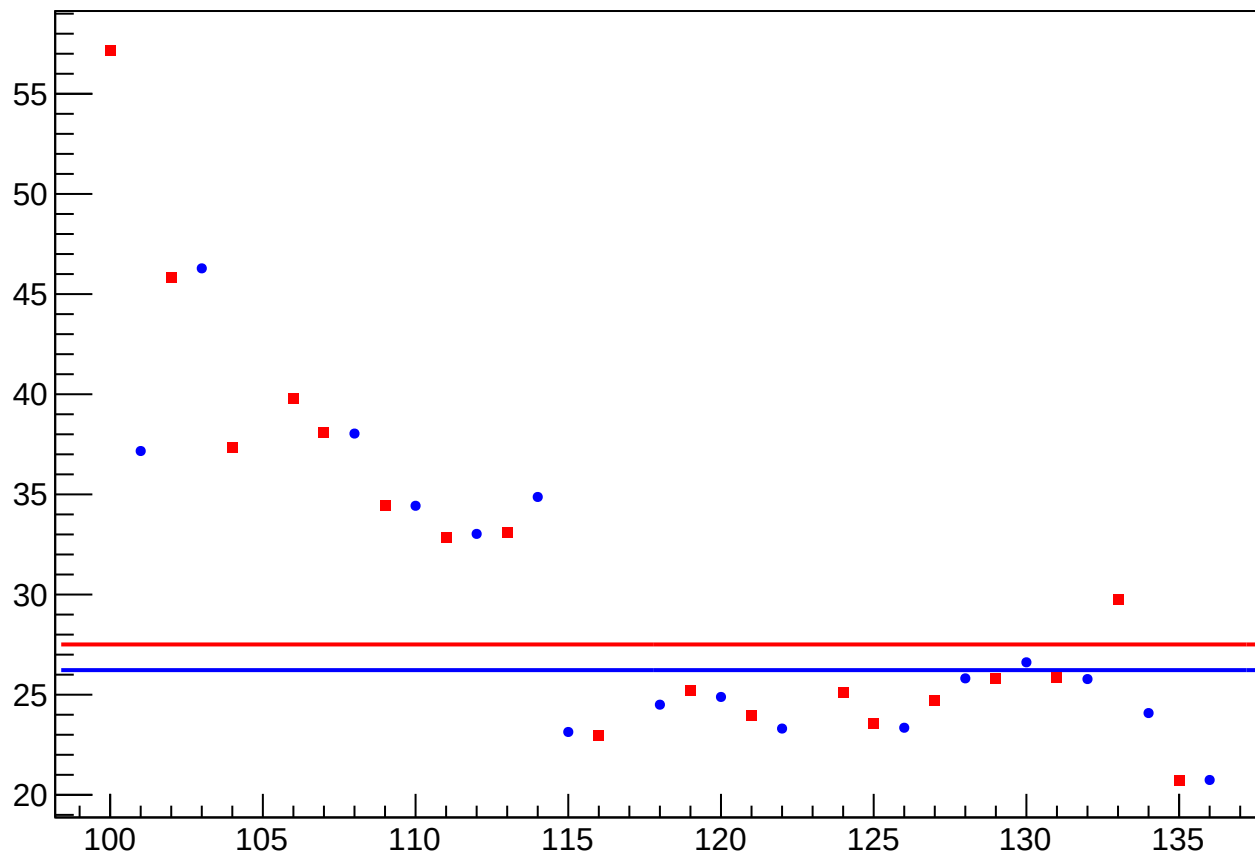
Right: -6.539+/-7.276 χ^2/NDF : 39.9/33

In: 0.157+/-10.048 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.539+/-7.276 χ^2/NDF : 39.9/33

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: 27.508 $\pm$ 0.007 χ^2 /NDF: 694904.4/17

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

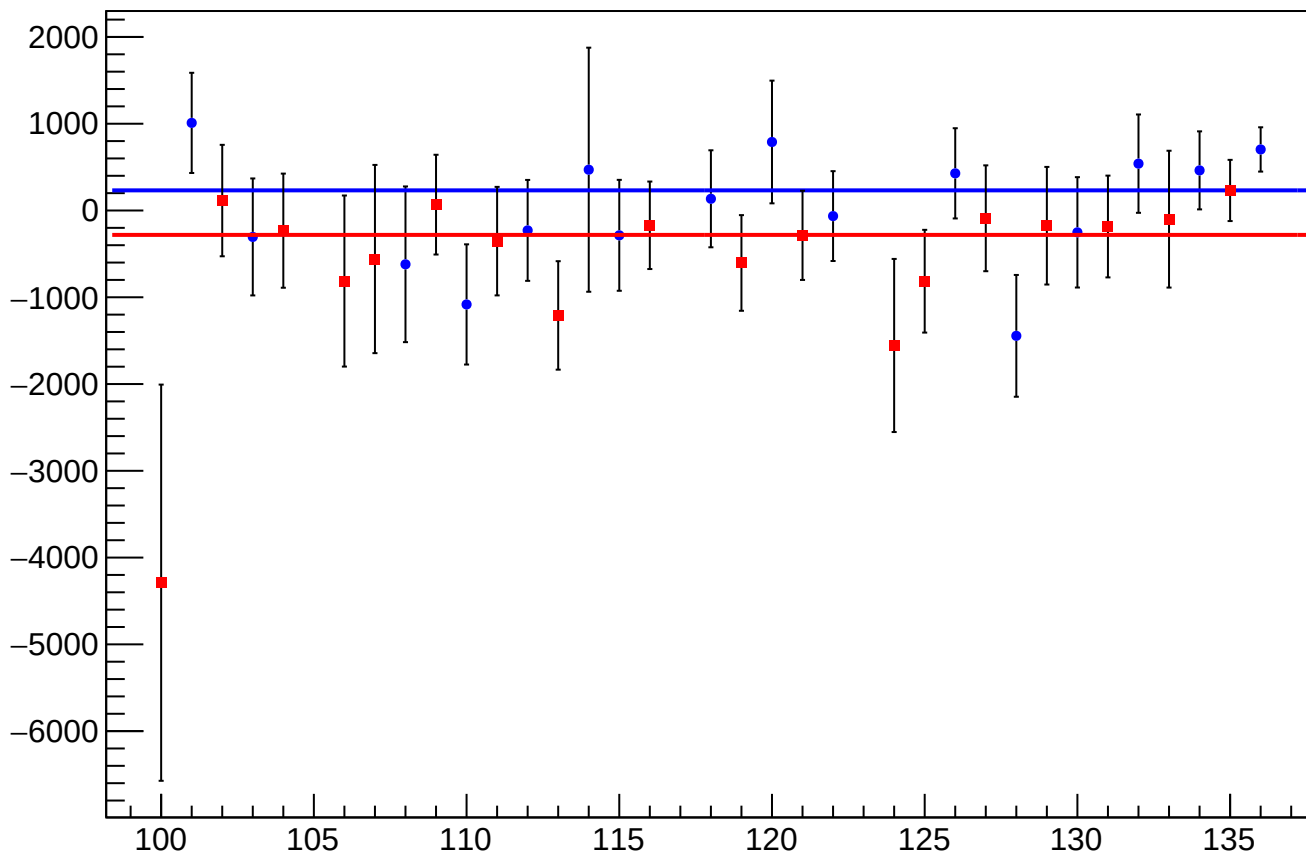
Right: 26.836 $\pm$ 0.005 χ^2 /NDF: 1386410.0/33

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: 26.836 $\pm$ 0.005 χ^2 /NDF: 1386410.0/33

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: -281.180 $\pm$ 145.489 χ^2 /NDF: 11.6/17

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

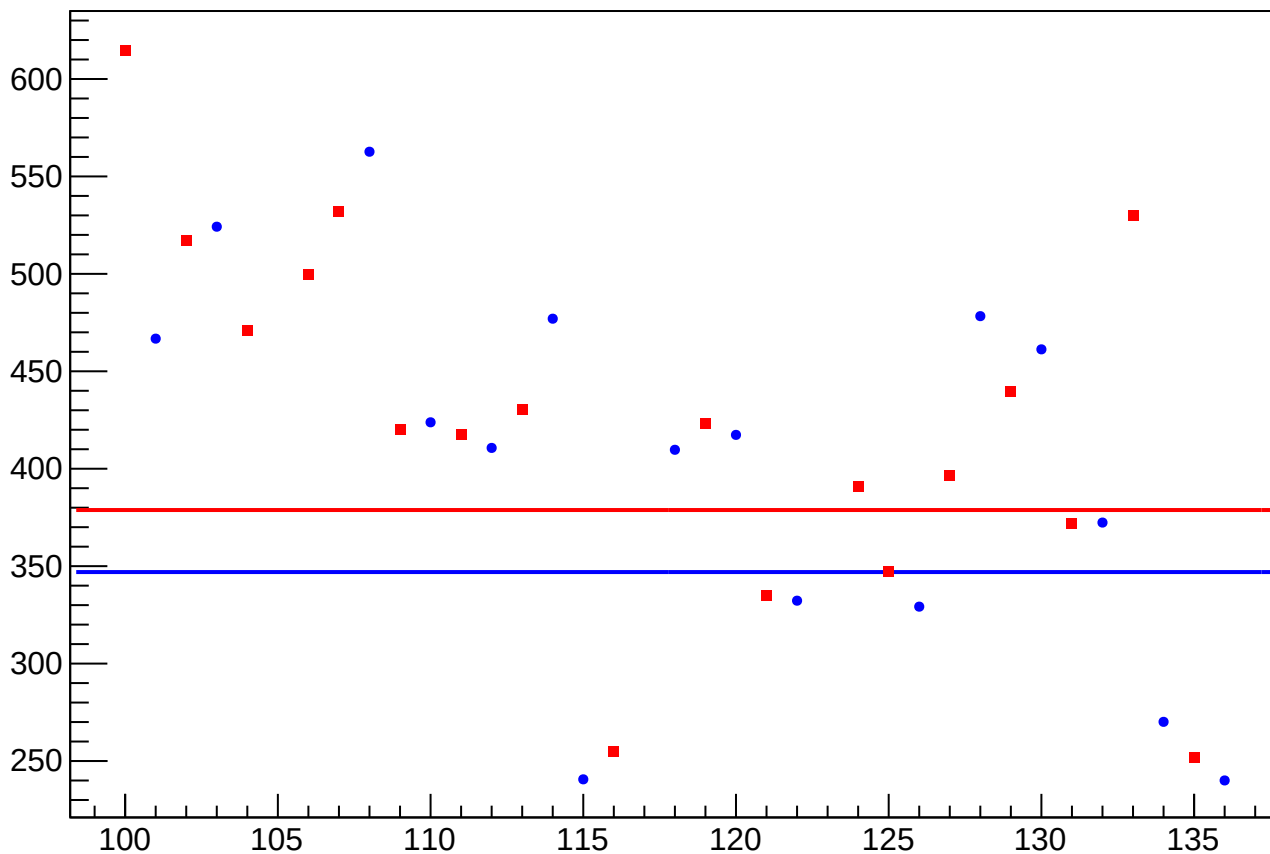
Right: -5.138 $\pm$ 98.909 χ^2 /NDF: 37.9/33

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: -5.138 $\pm$ 98.909 χ^2 /NDF: 37.9/33

asym_sam_1357_2468_dd_cor_correction_rms vs Slug, Sign Corrected



Right In: 346.969+/-0.095 χ^2/NDF : 1058057.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.805+/-0.103 χ^2/NDF : 761281.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

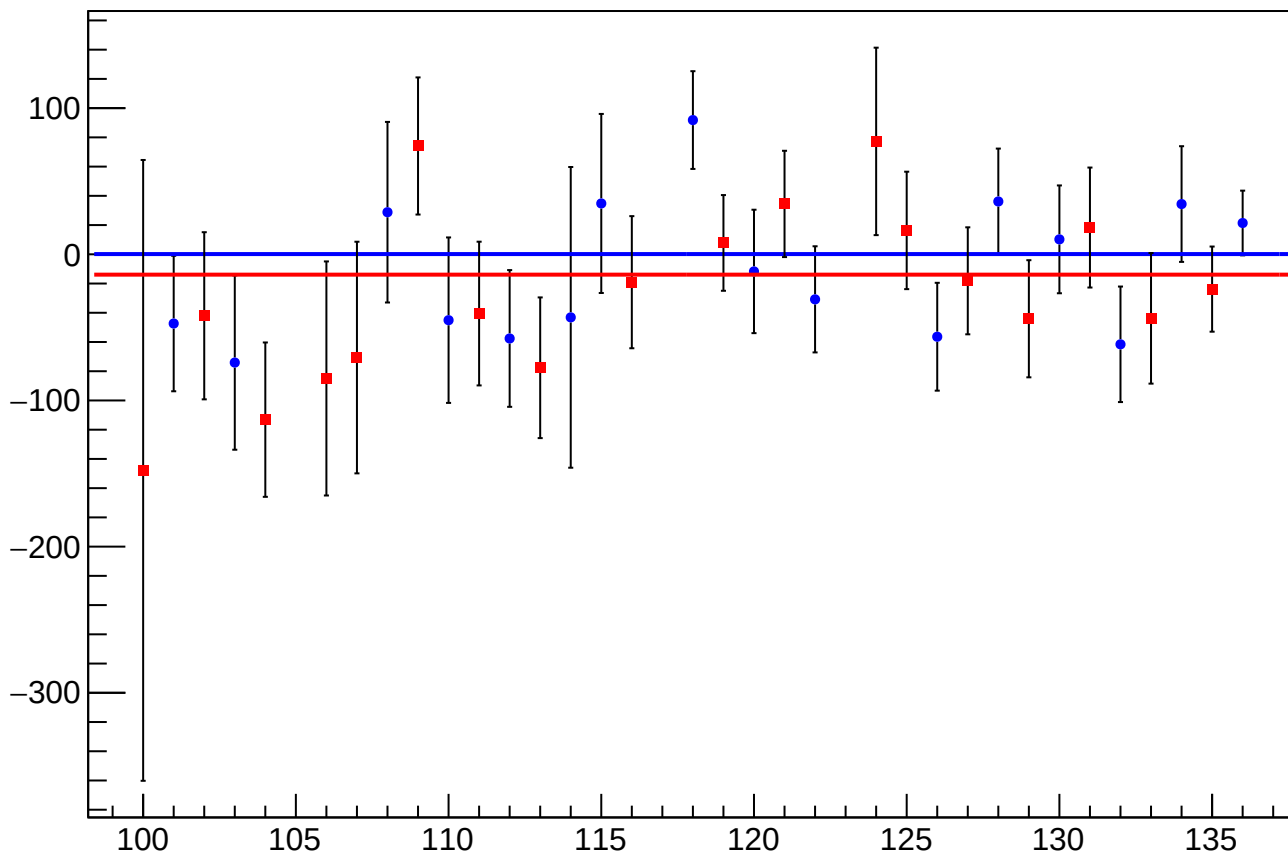
Right: 361.683+/-0.070 χ^2/NDF : 1870841.7/33

In: 346.969+/-0.095 χ^2/NDF : 1058057.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.683+/-0.070 χ^2/NDF : 1870841.7/33

eigen_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: -13.920+/-10.549 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

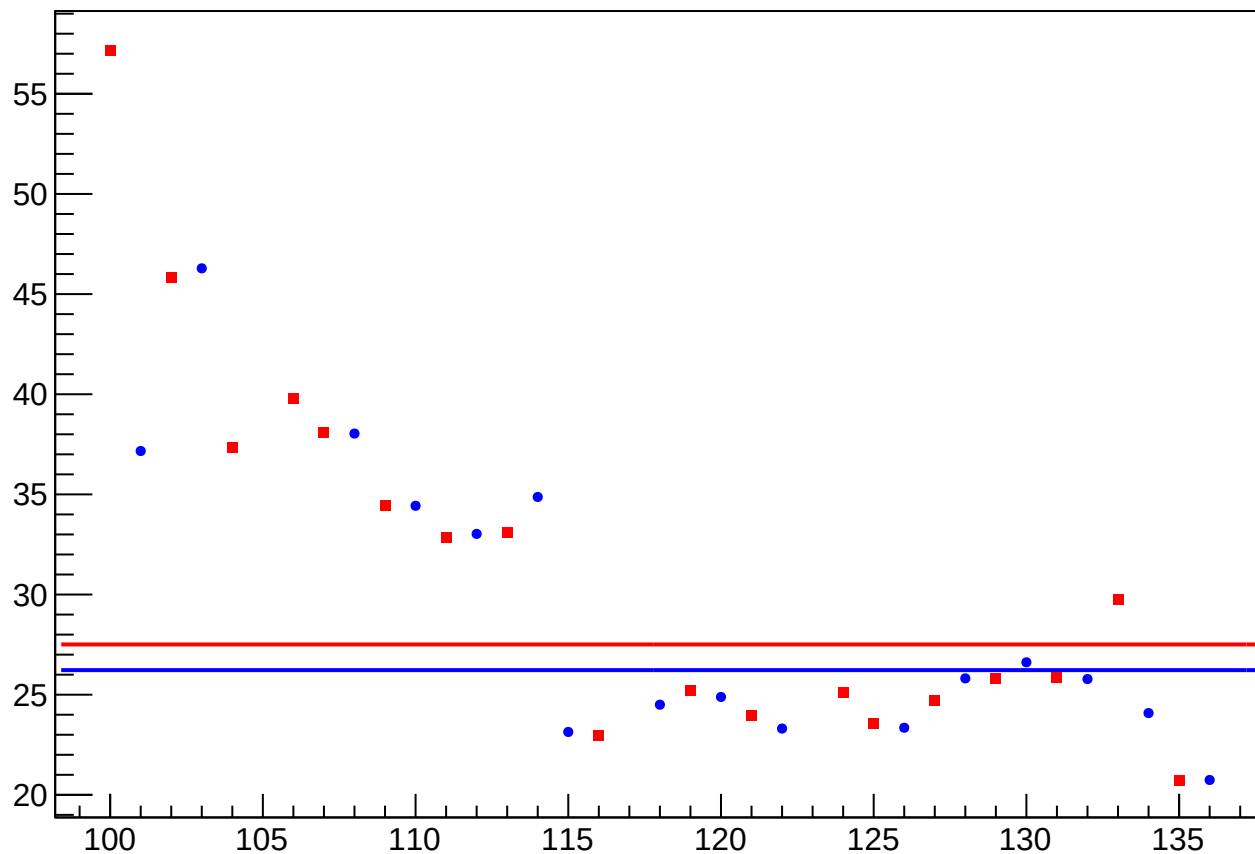
Right: -6.539+/-7.276 χ^2/NDF : 39.9/33

In: 0.157+/-10.048 χ^2/NDF : 21.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.539+/-7.276 χ^2/NDF : 39.9/33

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: 27.508+/-0.007 χ^2/NDF : 694904.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

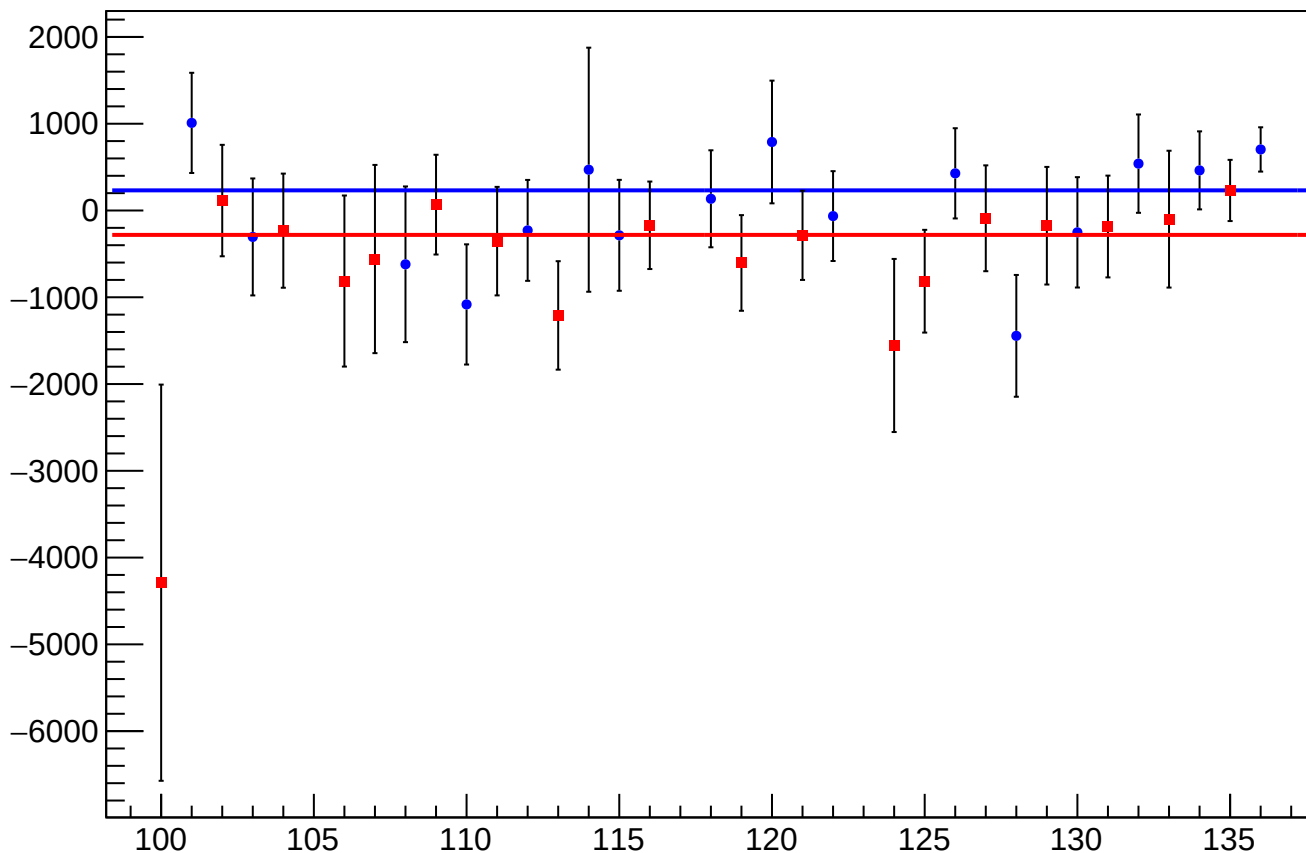
Right: 26.836+/-0.005 χ^2/NDF : 1386410.0/33

In: 26.227+/-0.007 χ^2/NDF : 676029.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.836+/-0.005 χ^2/NDF : 1386410.0/33

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: -281.180 $\pm$ 145.489 χ^2 /NDF: 11.6/17

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

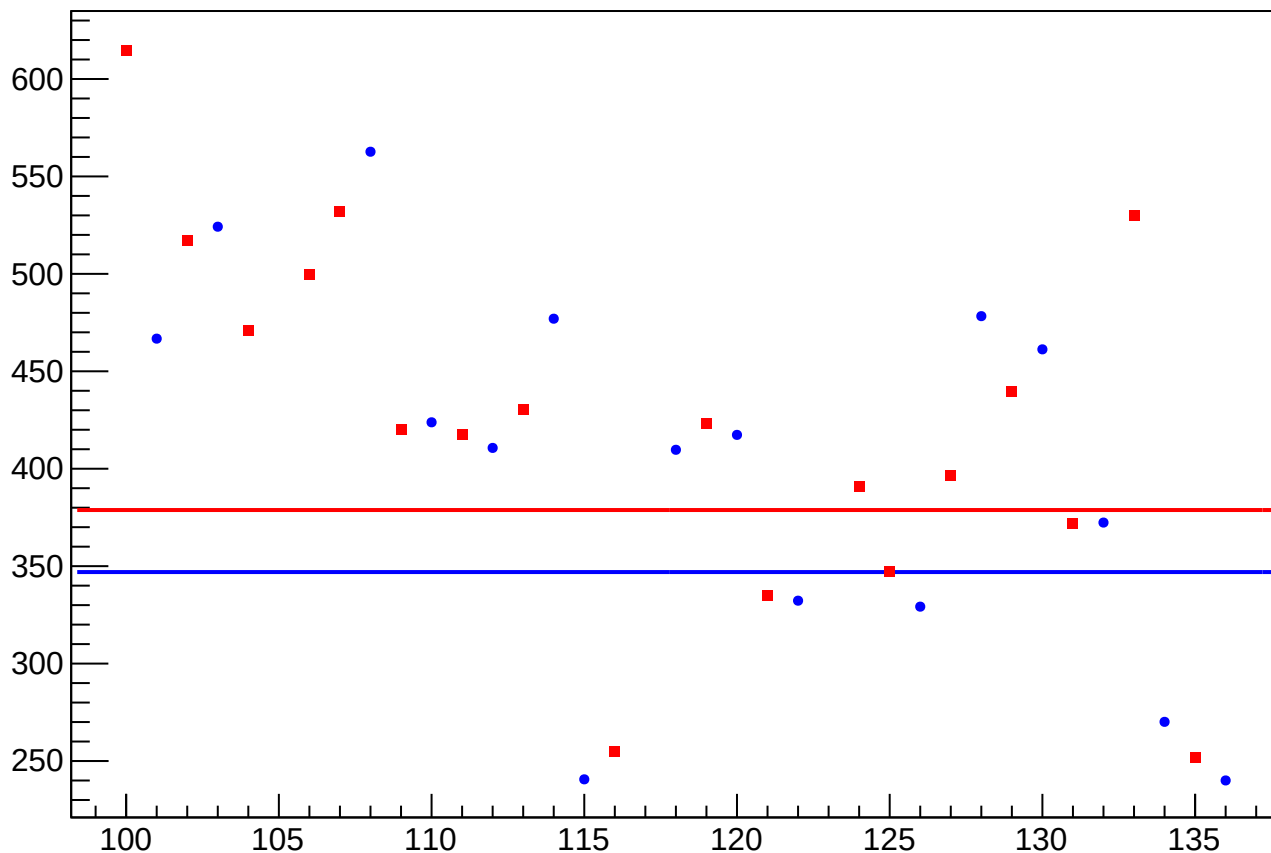
Right: -5.138 $\pm$ 98.909 χ^2 /NDF: 37.9/33

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: -5.138 $\pm$ 98.909 χ^2 /NDF: 37.9/33

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug, Sign Corrected



Right In: 346.969+/-0.095 χ^2/NDF : 1058057.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.805+/-0.103 χ^2/NDF : 761281.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

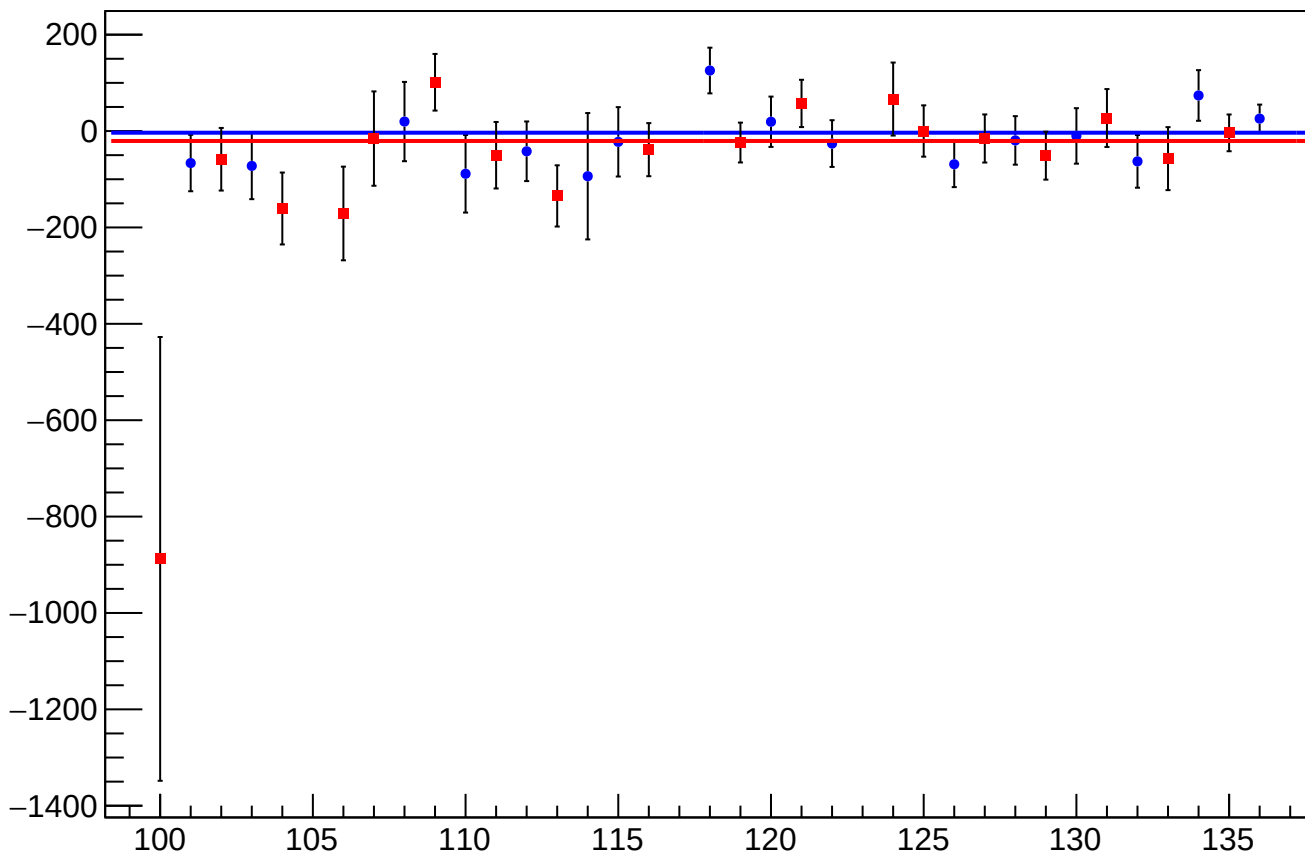
Right: 361.683+/-0.070 χ^2/NDF : 1870841.7/33

In: 346.969+/-0.095 χ^2/NDF : 1058057.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 361.683+/-0.070 χ^2/NDF : 1870841.7/33

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: -20.571+/-13.814 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

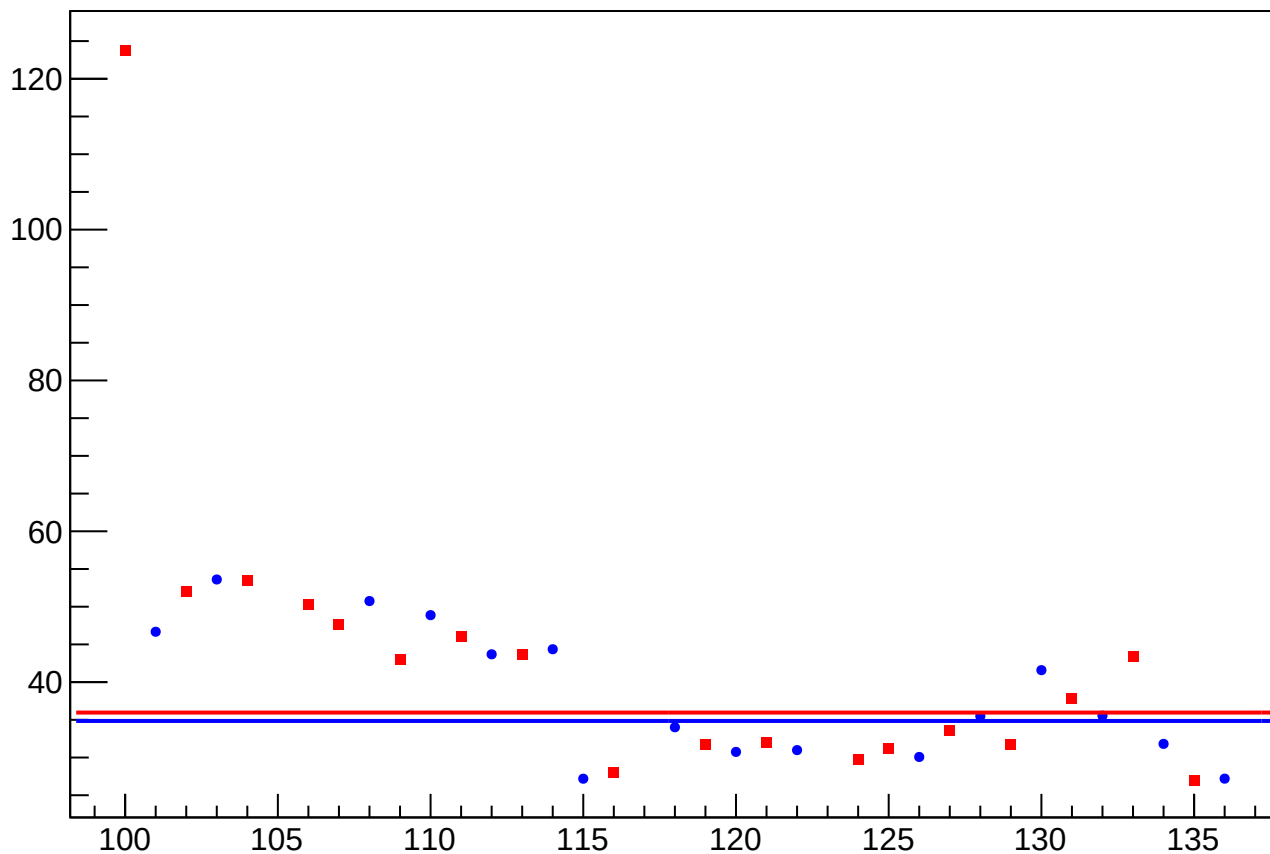
Right: -11.731+/-9.616 χ^2/NDF : 42.4/33

In: -3.423+/-13.393 χ^2/NDF : 18.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.731+/-9.616 χ^2/NDF : 42.4/33

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: 35.964 $\pm$ 0.010 χ^2 /NDF: 743470.3/17

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

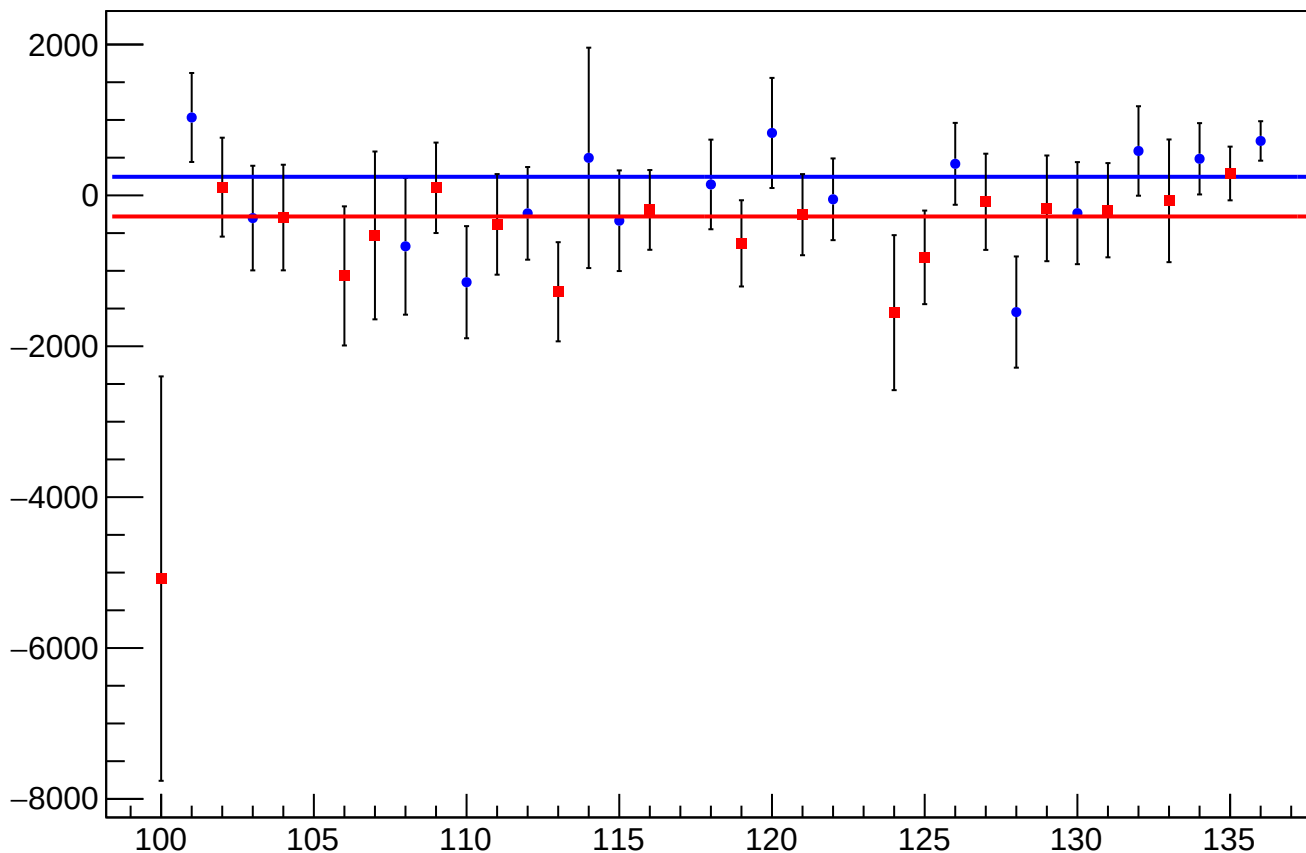
Right: 35.390 $\pm$ 0.007 χ^2 /NDF: 1408307.2/33

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: 35.390 $\pm$ 0.007 χ^2 /NDF: 1408307.2/33

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: -279.543 $\pm$ 150.841 χ^2 /NDF: 12.6/17

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

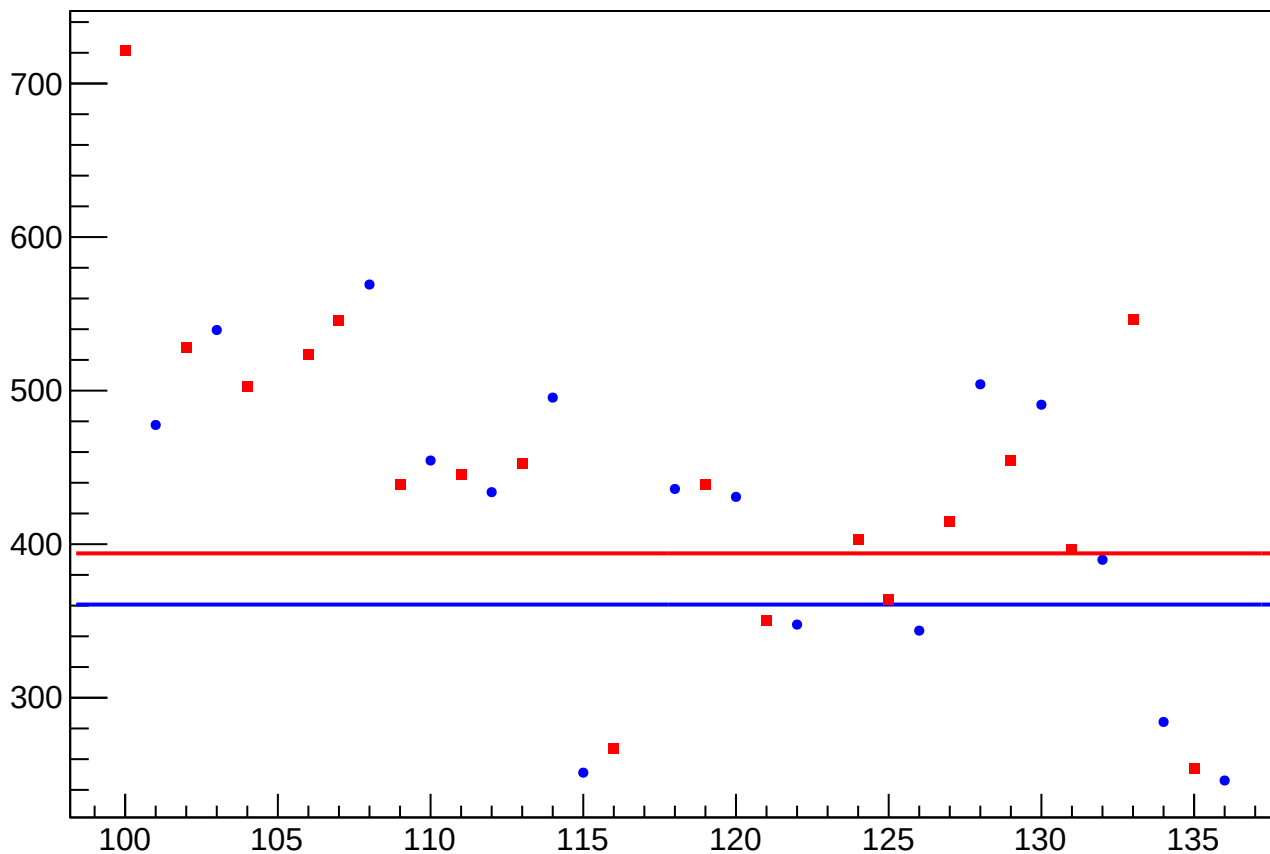
Right: 2.551 $\pm$ 102.722 χ^2 /NDF: 38.8/33

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: 2.551 $\pm$ 102.722 χ^2 /NDF: 38.8/33

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: 394.021+/-0.107 χ^2/NDF : 818722.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

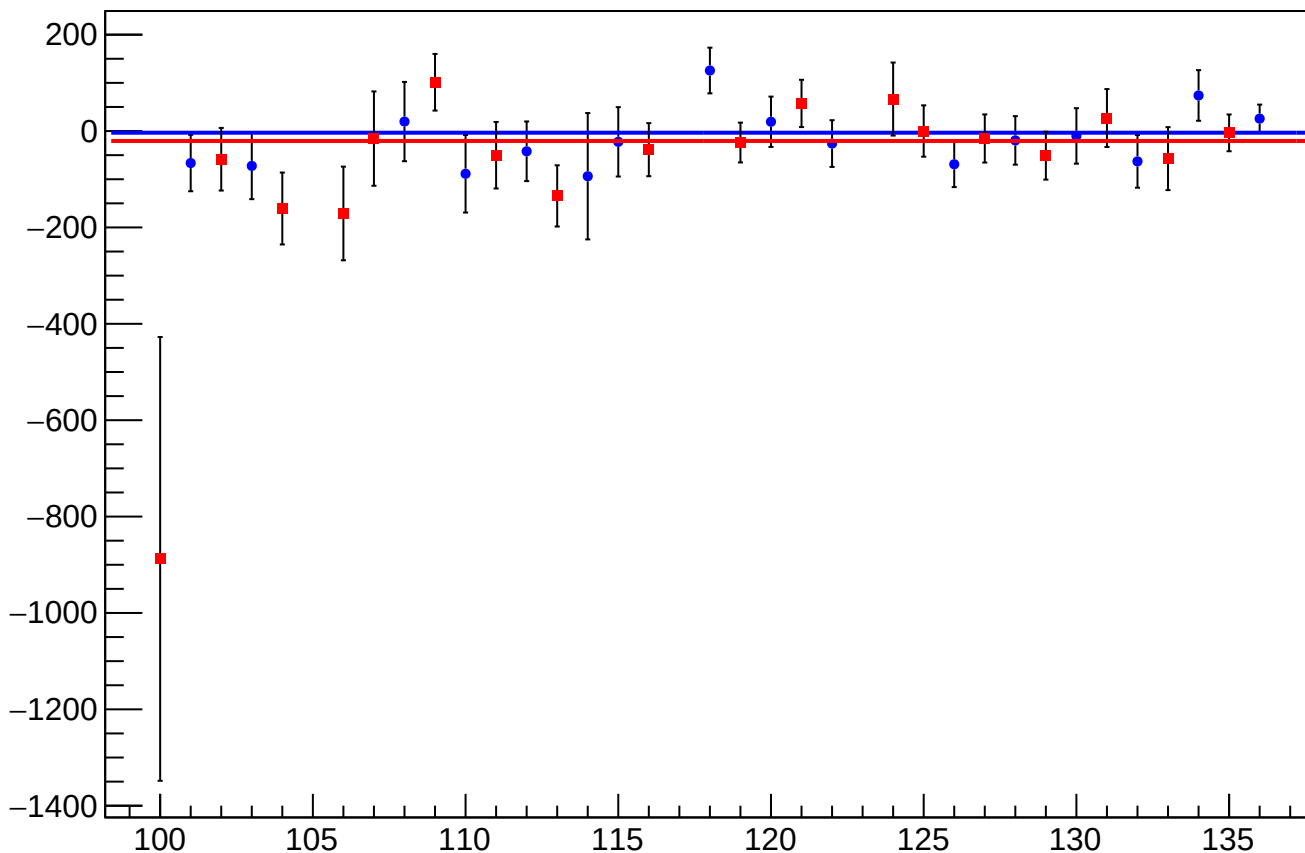
Right: 376.149+/-0.073 χ^2/NDF : 1963843.1/33

In: 360.692+/-0.099 χ^2/NDF : 1092760.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.149+/-0.073 χ^2/NDF : 1963843.1/33

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug, Sign Corrected



Right In: -3.425 ± 13.392 χ^2/NDF : 18.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.571 ± 13.814 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

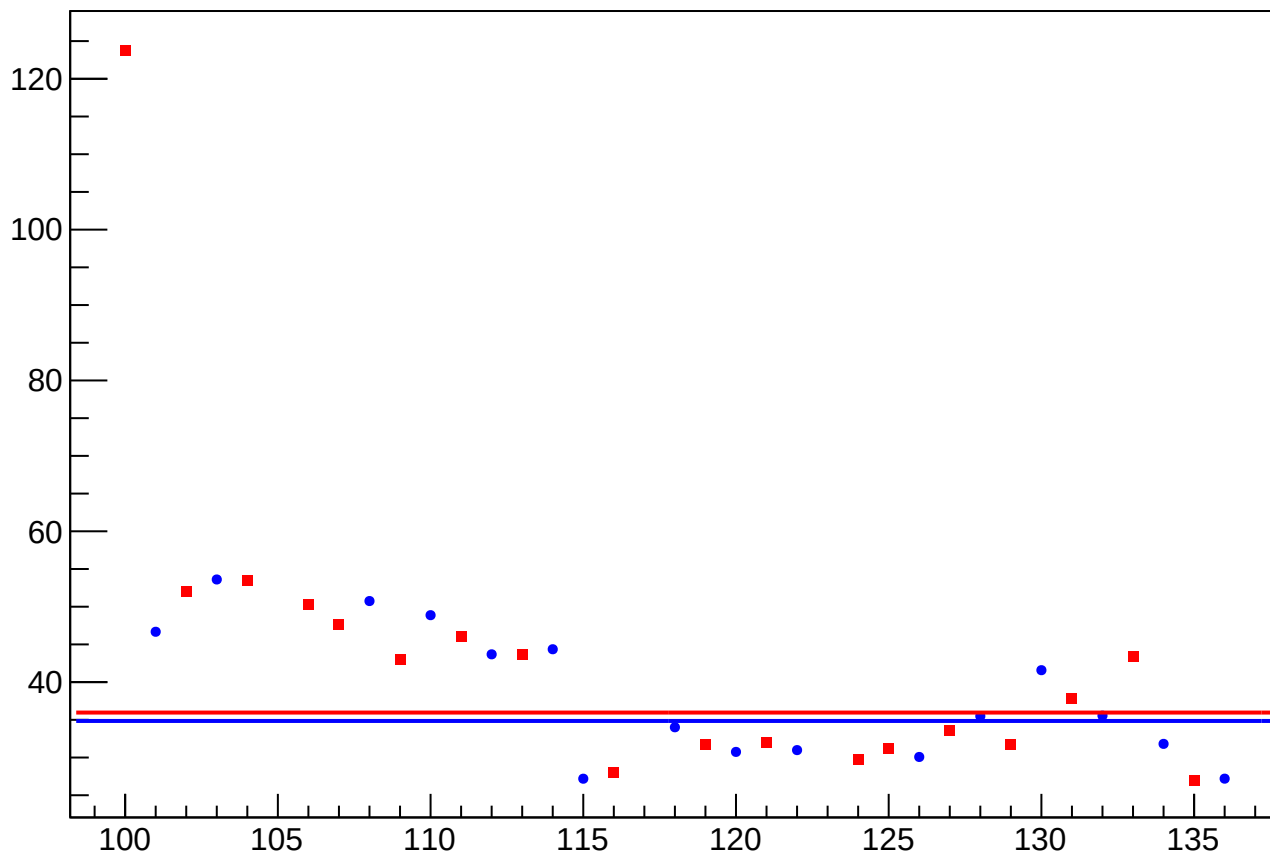
Right: -11.732 ± 9.616 χ^2/NDF : 42.4/33

In: -3.425 ± 13.392 χ^2/NDF : 18.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.732 ± 9.616 χ^2/NDF : 42.4/33

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: 35.963+/-0.010 χ^2/NDF : 743439.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

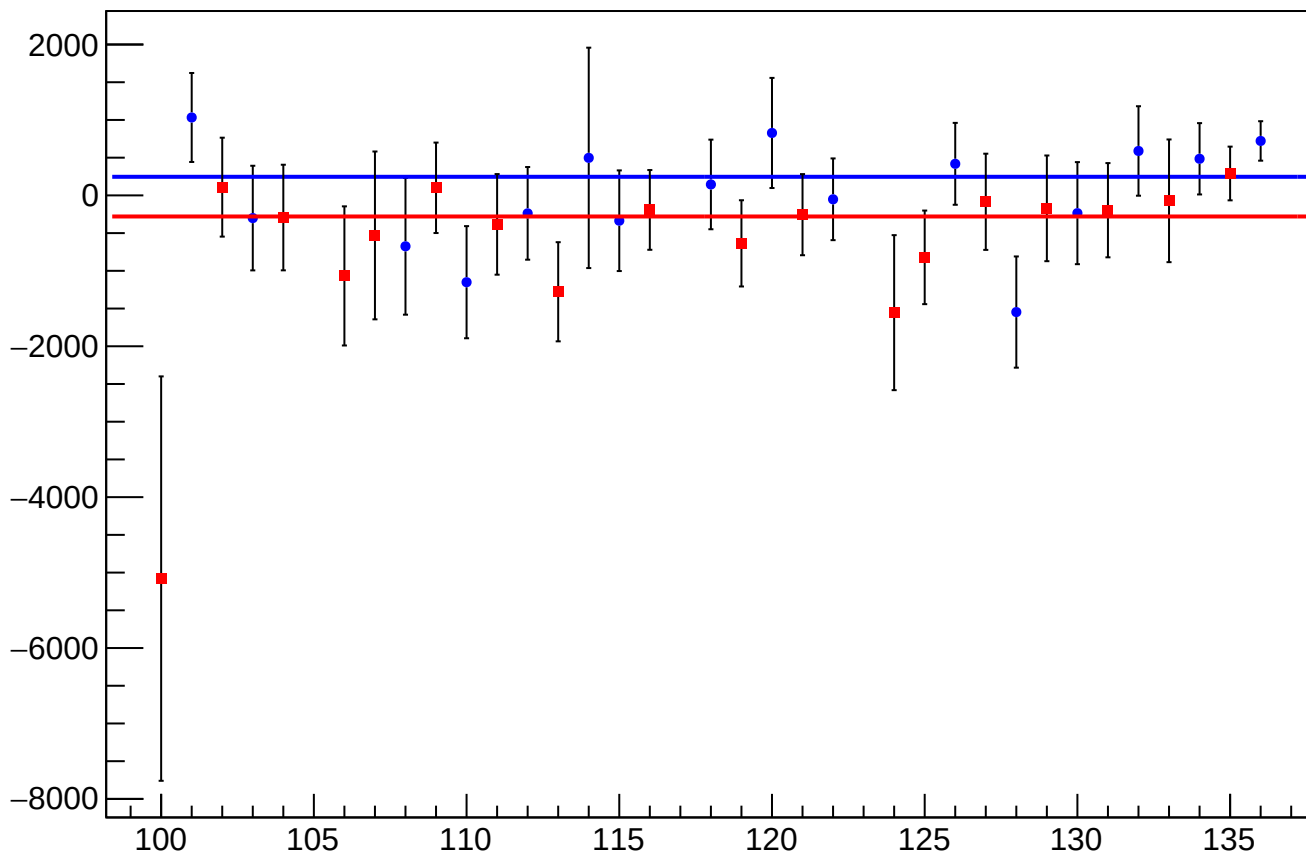
Right: 35.389+/-0.007 χ^2/NDF : 1408225.6/33

In: 34.850+/-0.009 χ^2/NDF : 658089.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 35.389+/-0.007 χ^2/NDF : 1408225.6/33

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: -279.542 $\pm$ 150.841 χ^2 /NDF: 12.6/17

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

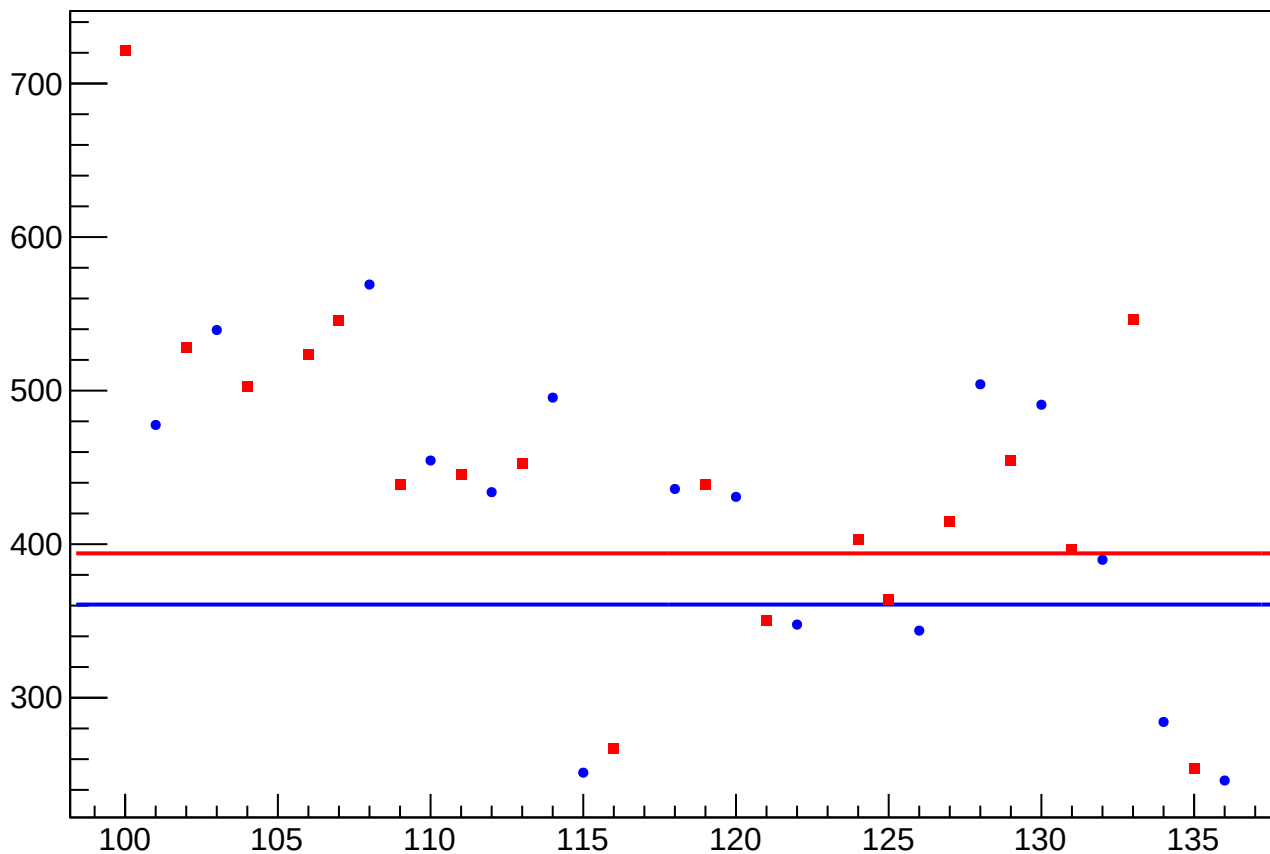
Right: 2.550 $\pm$ 102.722 χ^2 /NDF: 38.8/33

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: 2.550 $\pm$ 102.722 χ^2 /NDF: 38.8/33

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: 394.020+/-0.107 χ^2/NDF : 818718.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

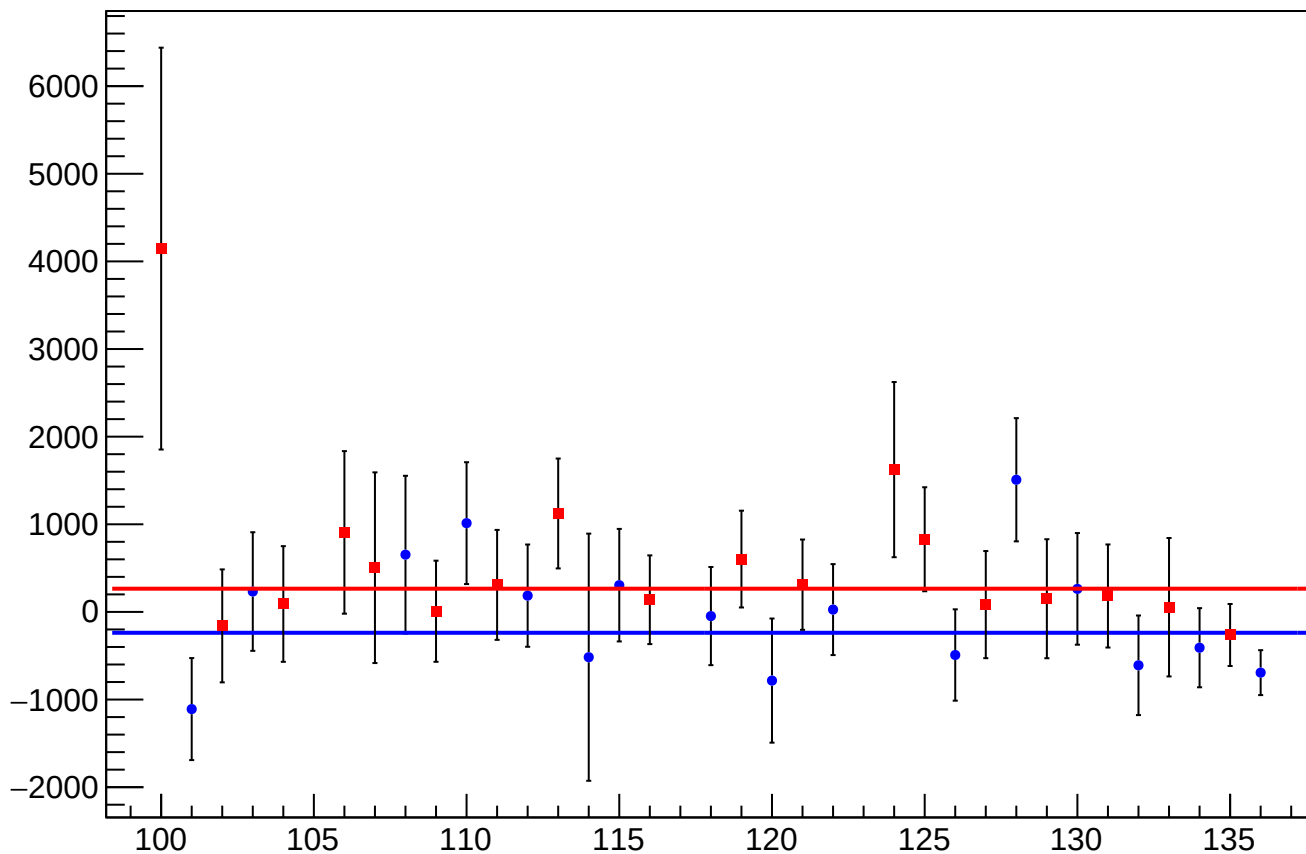
Right: 376.148+/-0.073 χ^2/NDF : 1963830.7/33

In: 360.691+/-0.099 χ^2/NDF : 1092752.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 376.148+/-0.073 χ^2/NDF : 1963830.7/33

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: 265.109+/-145.706 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

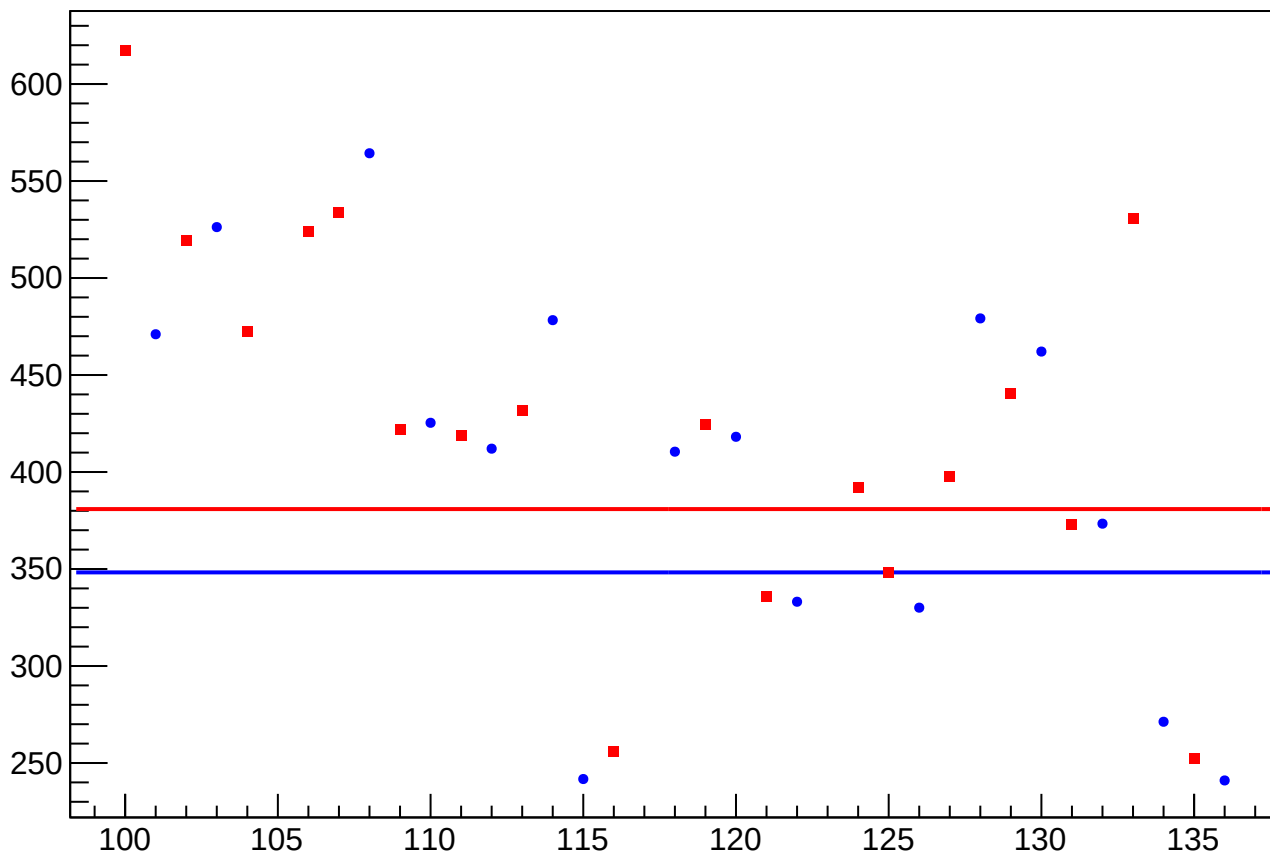
Right: -4.984+/-99.166 χ^2/NDF : 37.9/33

In: -238.043+/-135.349 χ^2/NDF : 19.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.984+/-99.166 χ^2/NDF : 37.9/33

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: 380.893+/-0.103 χ^2/NDF : 777588.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

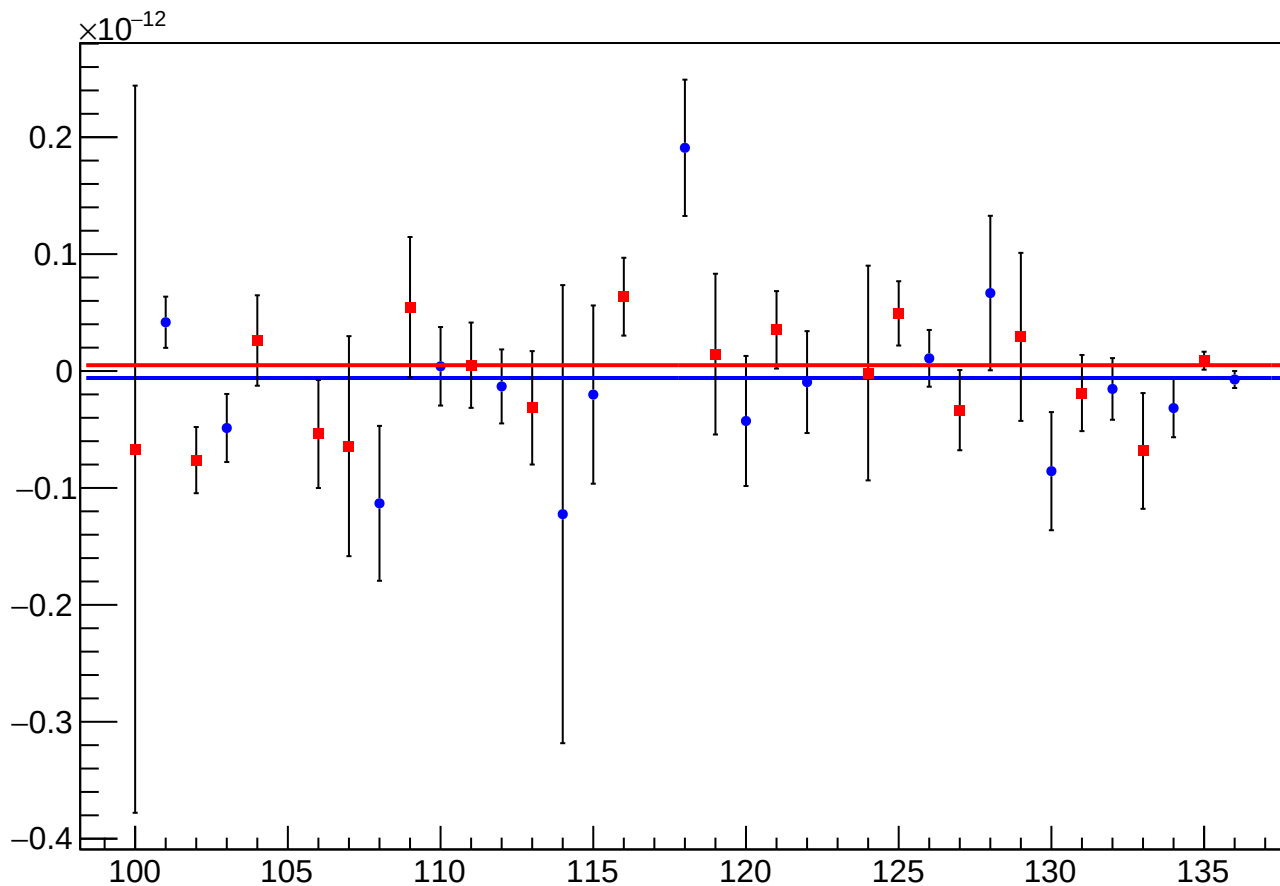
Right: 363.371+/-0.070 χ^2/NDF : 1888284.9/33

In: 348.253+/-0.096 χ^2/NDF : 1056820.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.371+/-0.070 χ^2/NDF : 1888284.9/33

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 : 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

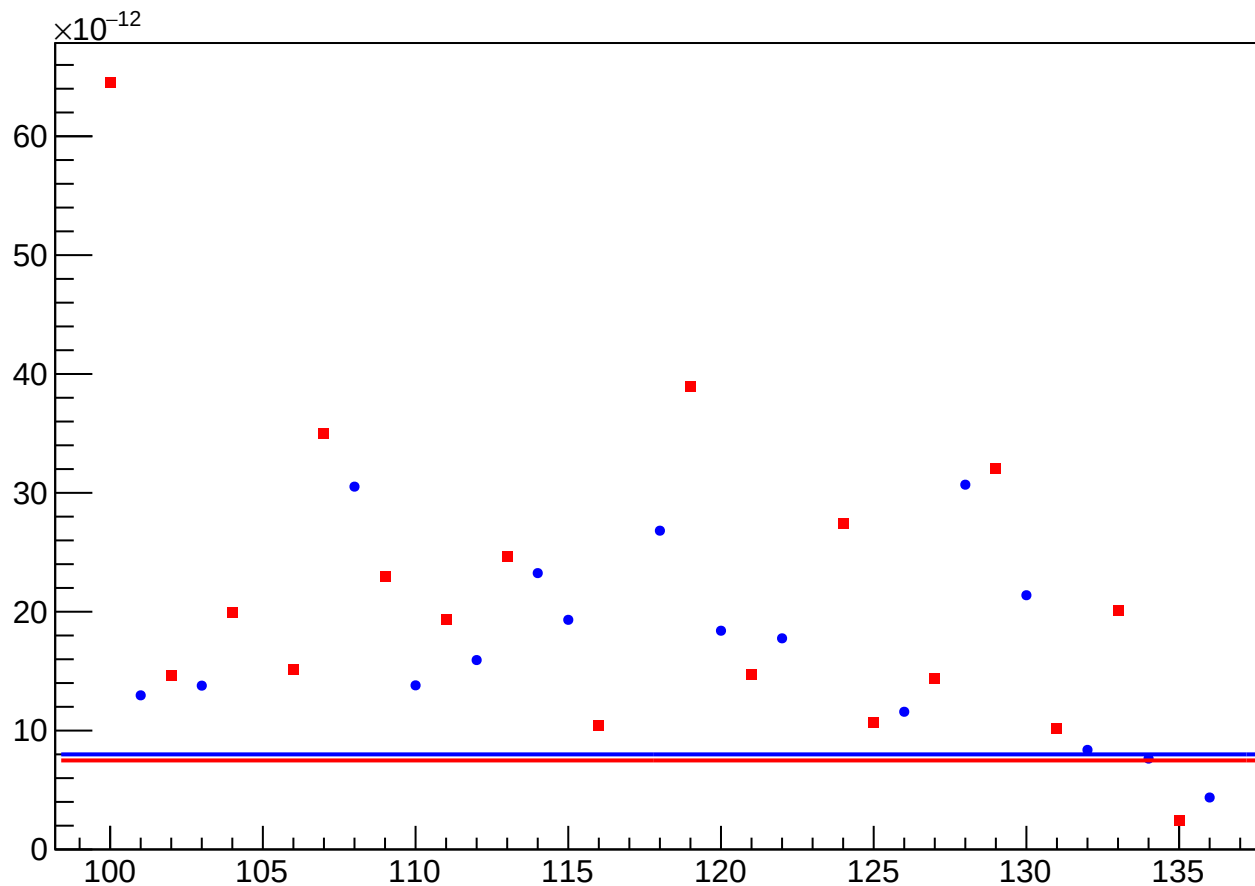
Right: -0.000+/-0.000 χ^2/NDF : 51.9/33

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 : 51.9/33

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 : 3202544.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

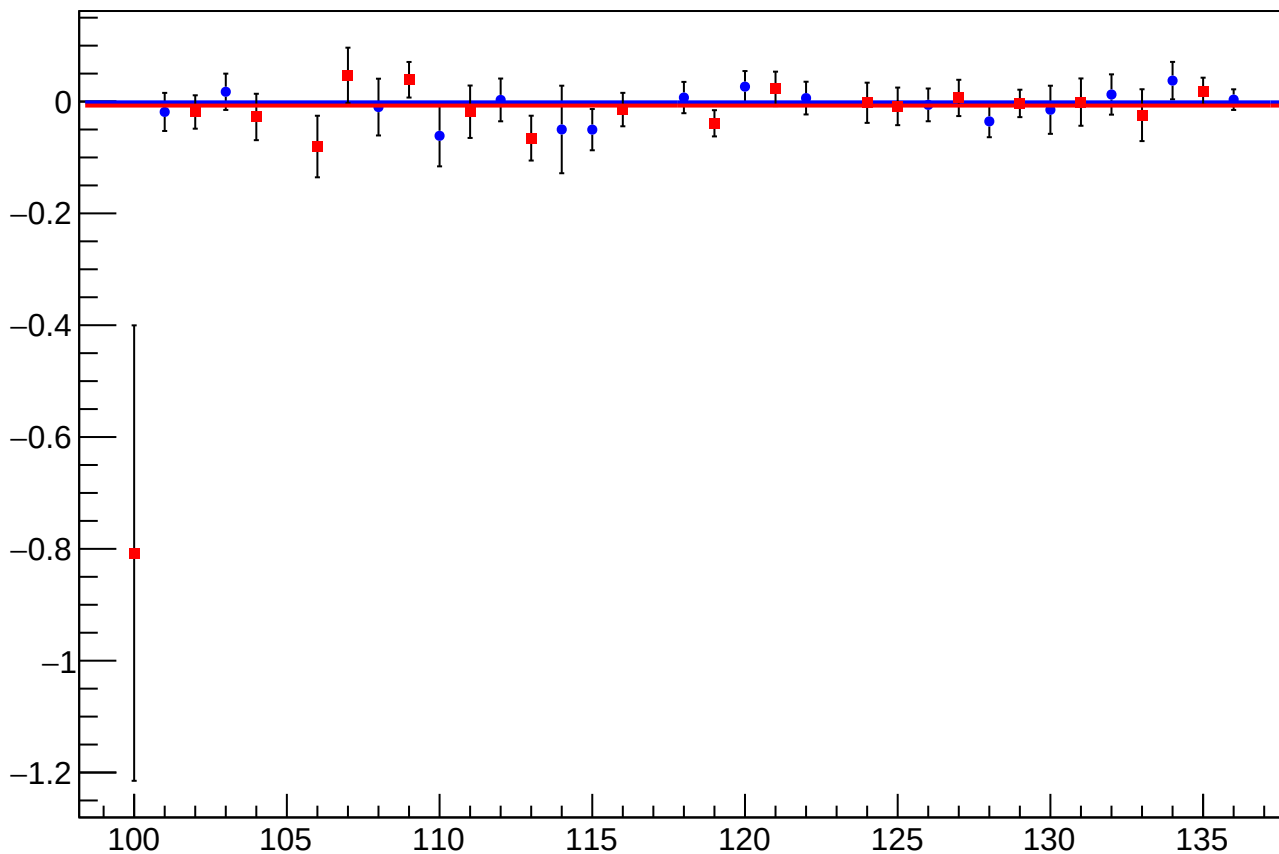
Right: 0.000+/-0.000 χ^2/NDF : 5159744.9/33

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 : 5159744.9/33

asym_sam_1357_2468_dd_dit_vs_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: -0.007 ± 0.008 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

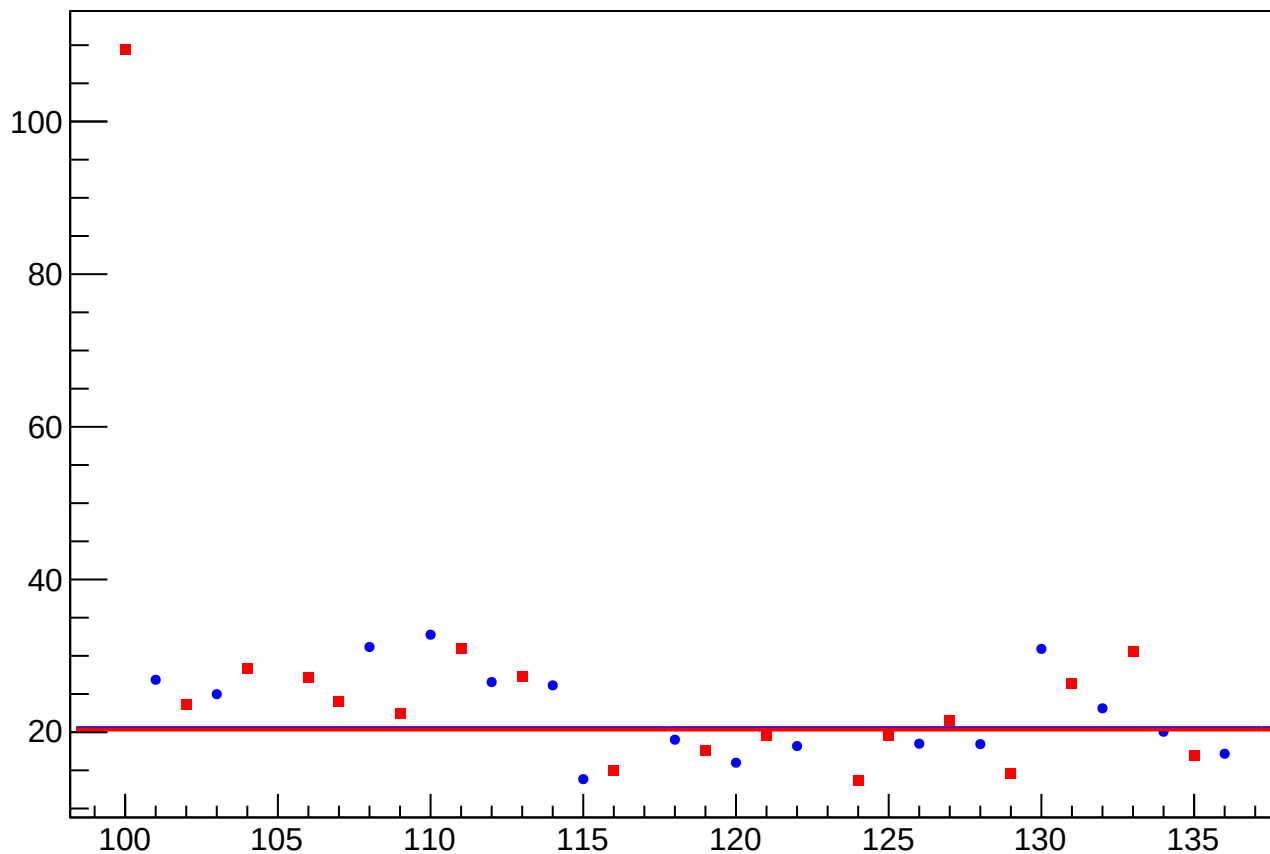
Right: -0.004 ± 0.006 χ^2/NDF : 24.3/33

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 : 24.3/33

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: 20.344+/-0.006 χ^2/NDF : 860983.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

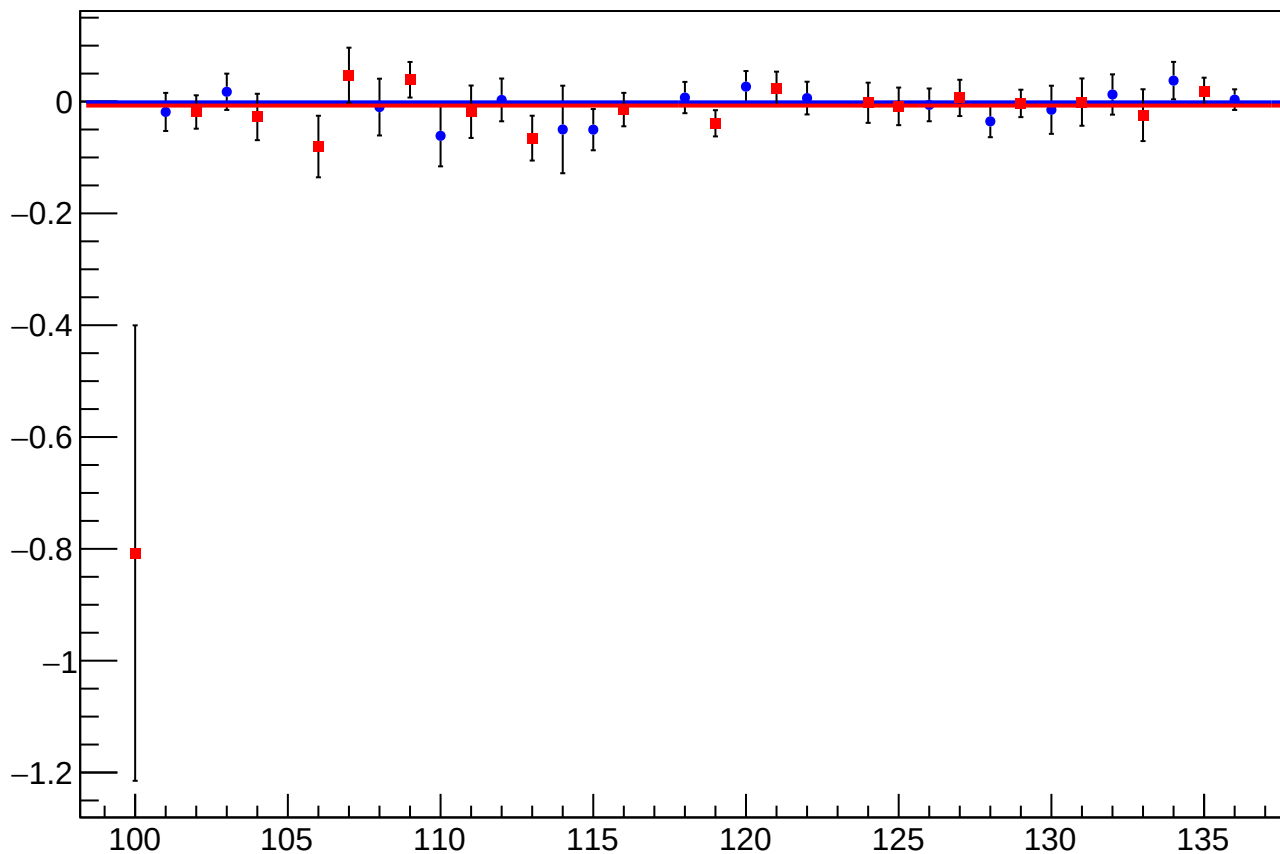
Right: 20.433+/-0.004 χ^2/NDF : 1567468.3/33

In: 20.522+/-0.006 χ^2/NDF : 705998.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.433+/-0.004 χ^2/NDF : 1567468.3/33

asym_sam_1357_2468_dd_dit_vs_eigen_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: -0.007 $\pm$ 0.008 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

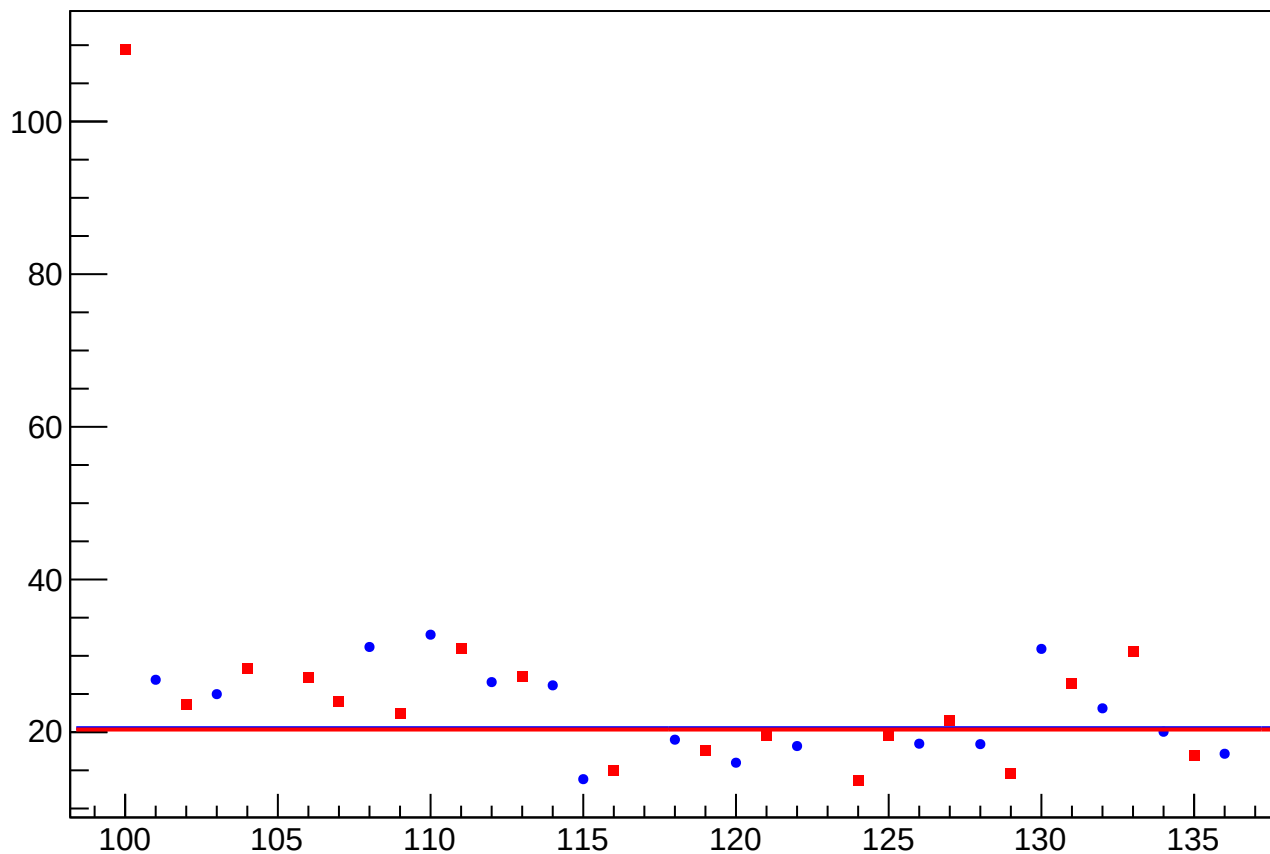
Right: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.3/33

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: 24.3/33

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: 20.344+/-0.006 χ^2 /NDF: 860983.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

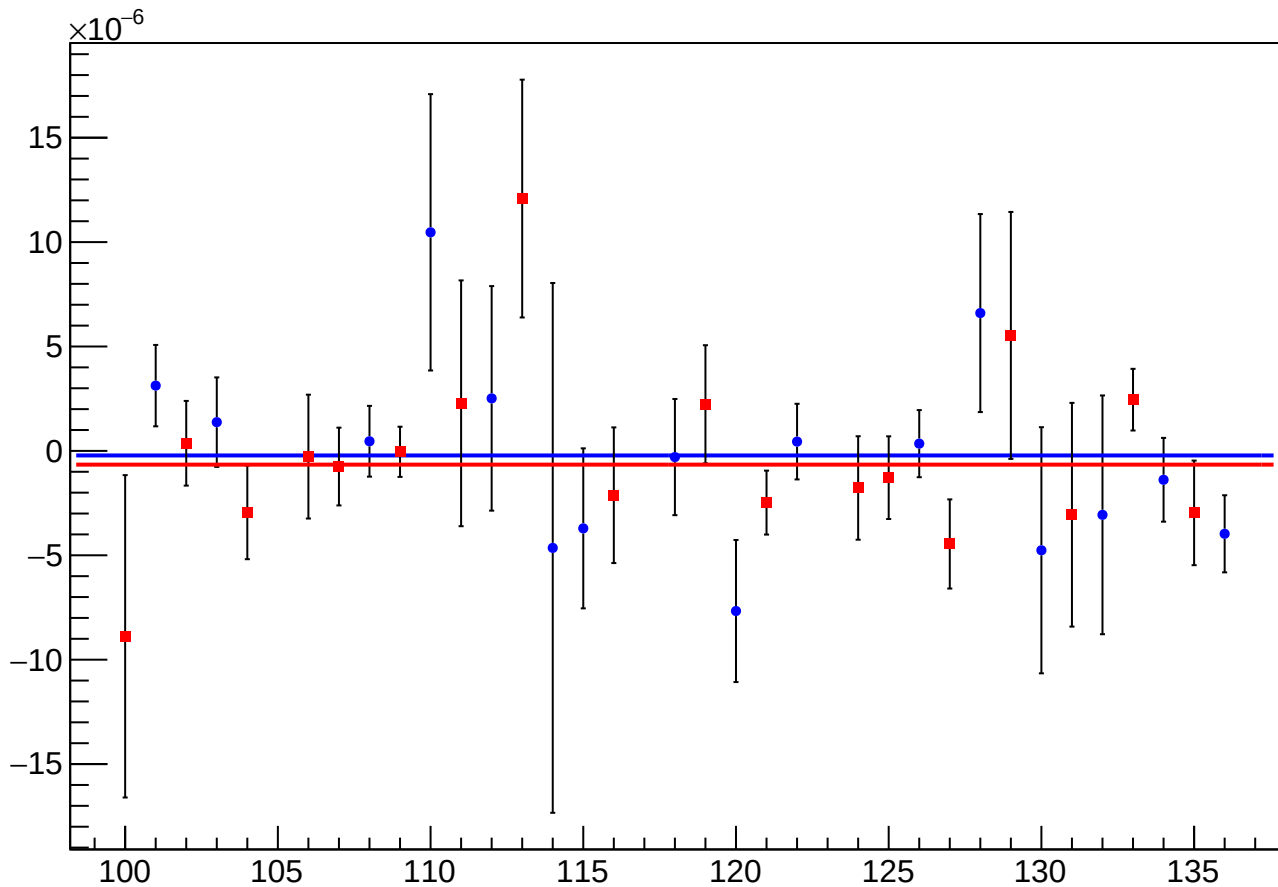
Right: 20.433+/-0.004 χ^2 /NDF: 1567468.3/33

In: 20.522+/-0.006 χ^2 /NDF:705998.4/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.433+/-0.004 χ^2 /NDF: 1567468.3/33

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 : 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

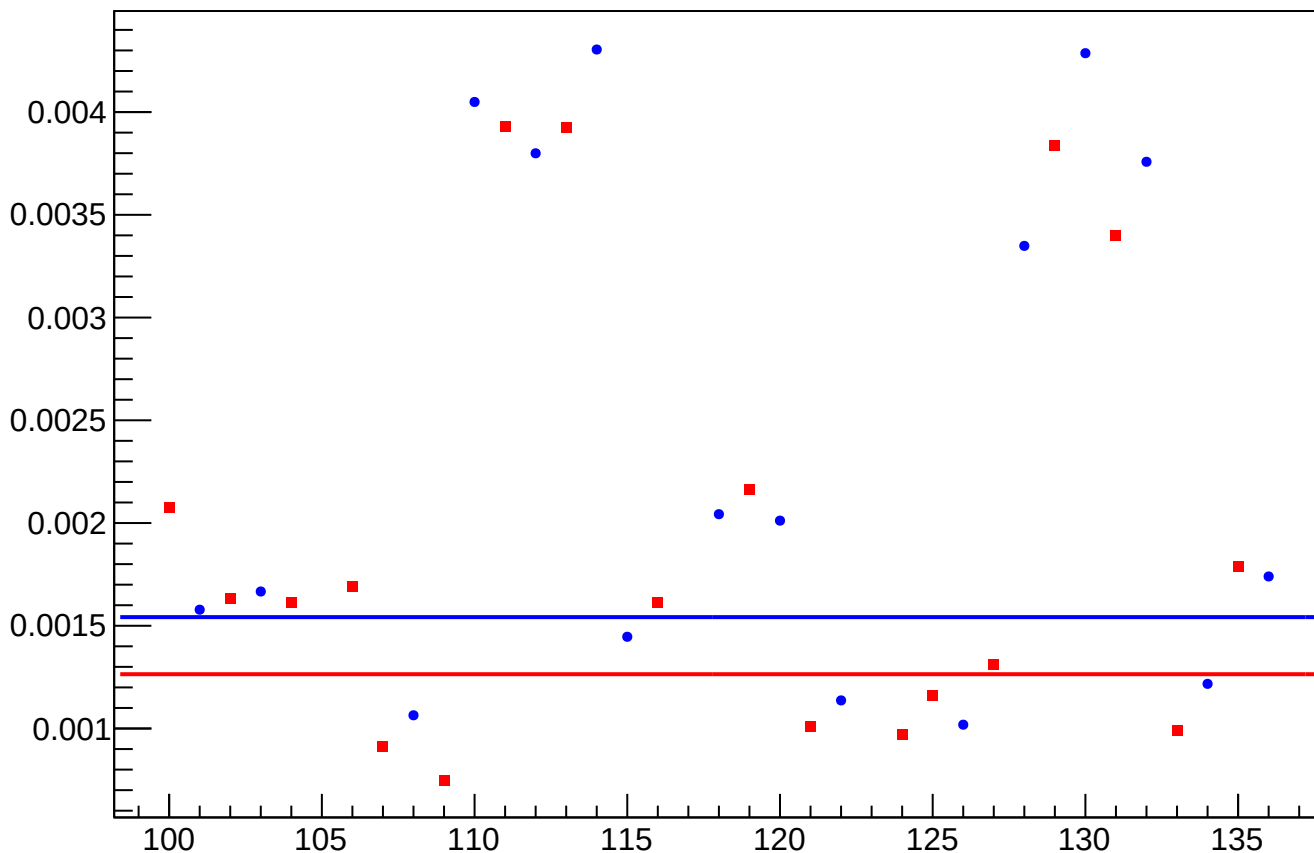
Right: -0.000+/-0.000 χ^2/NDF : 40.9/33

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 : 40.9/33

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 : 2633007.1/17

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

Left: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right: 0.001+/-0.000

χ^2/NDF : 5277694.2/33

In: 0.002+/-0.000

χ^2/NDF : 2416805.2/15

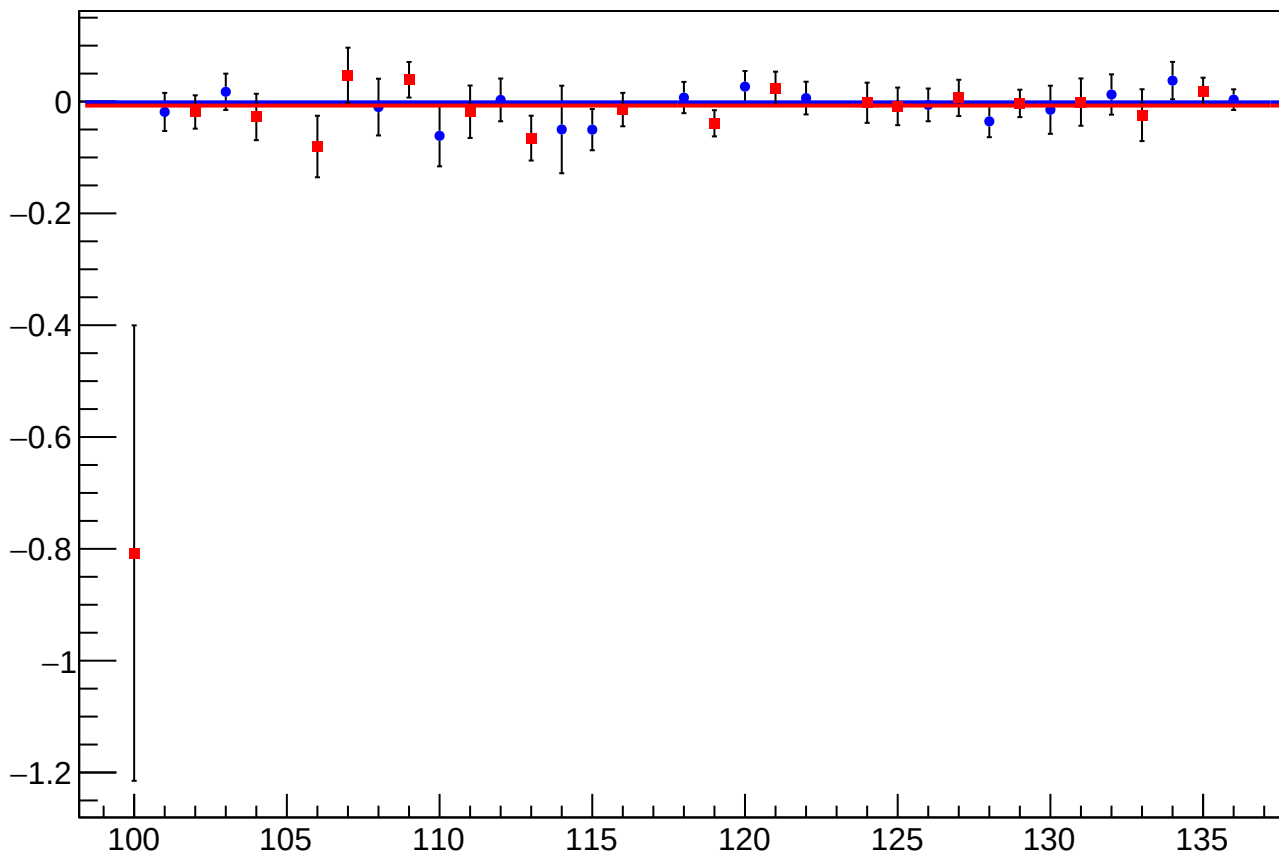
Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.001+/-0.000

χ^2/NDF : 5277694.2/33

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: -0.007 $\pm$ 0.008 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

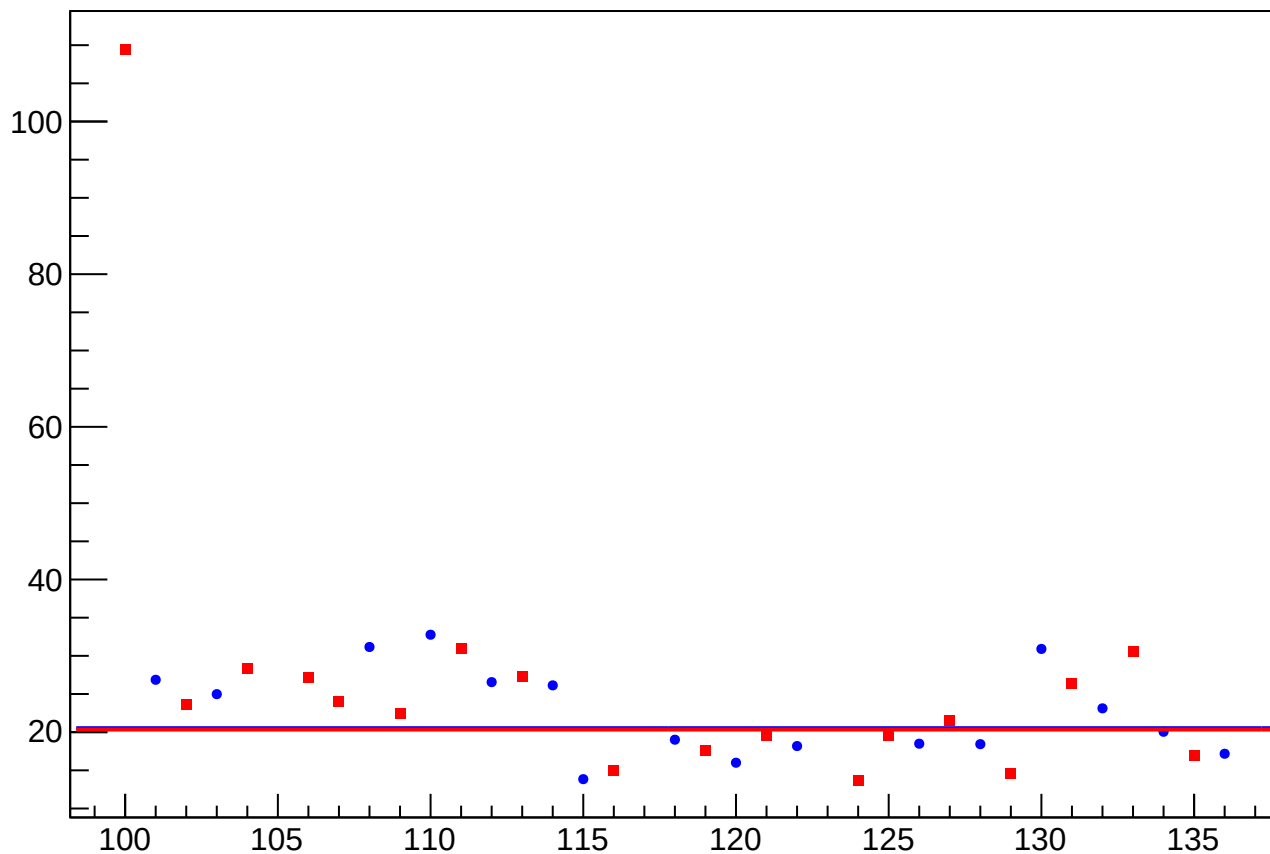
Right: -0.004 $\pm$ 0.006 χ^2 /NDF: 24.3/33

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: 24.3/33

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: 20.344+/-0.006 χ^2 /NDF: 860993.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

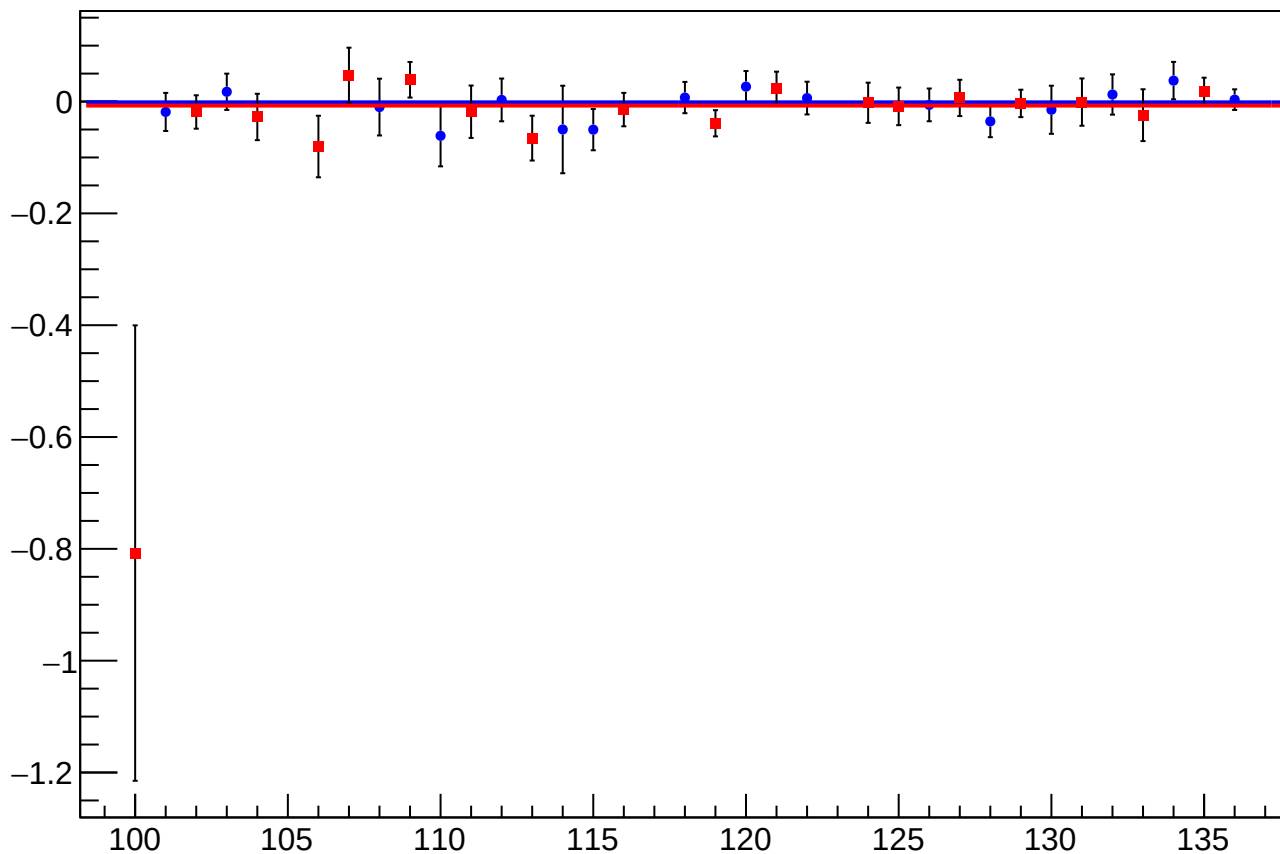
Right: 20.432+/-0.004 χ^2 /NDF: 1567357.4/33

In: 20.521+/-0.006 χ^2 /NDF:705877.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.432+/-0.004 χ^2 /NDF: 1567357.4/33

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: -0.007 ± 0.008 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

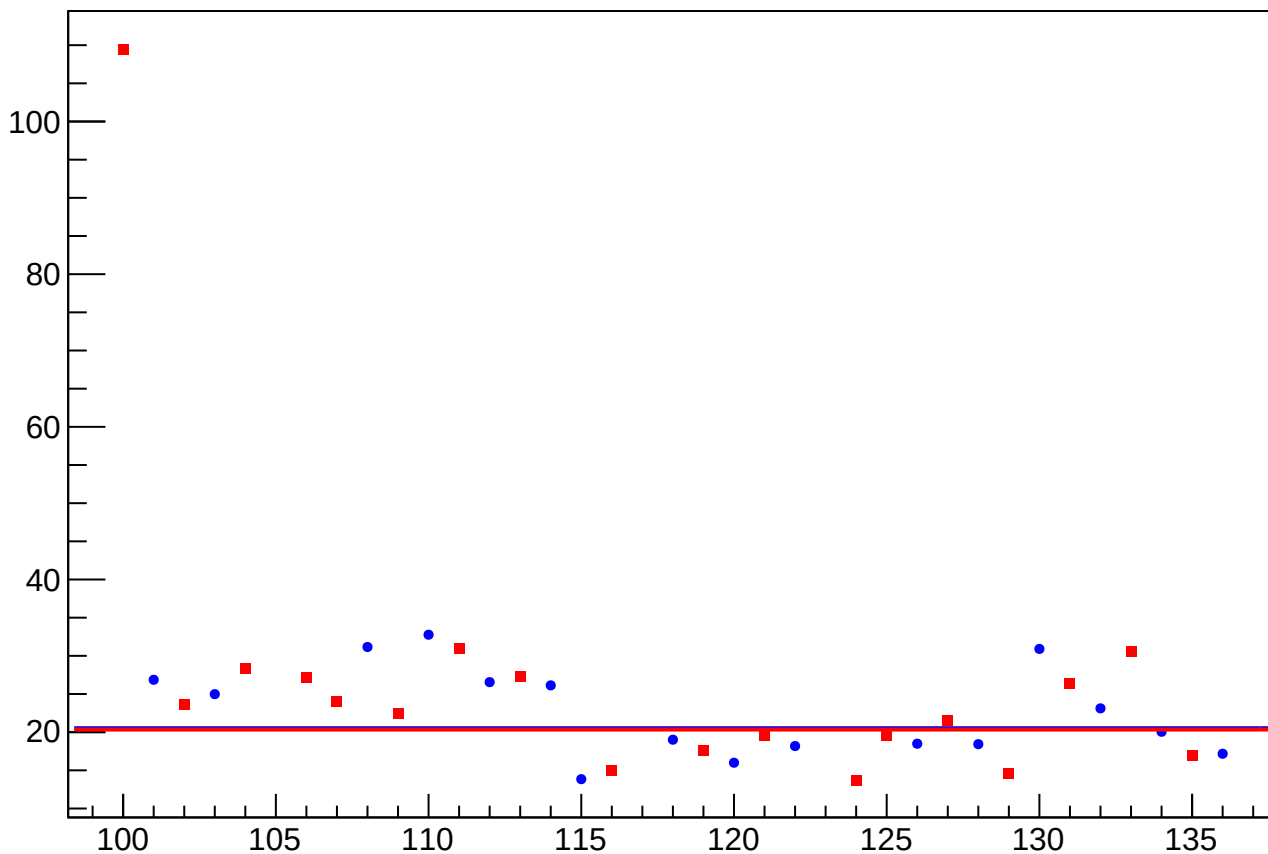
Right: -0.004 ± 0.006 χ^2/NDF : 24.3/33

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 : 24.3/33

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: 20.344+/-0.006 χ^2 /NDF: 860993.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

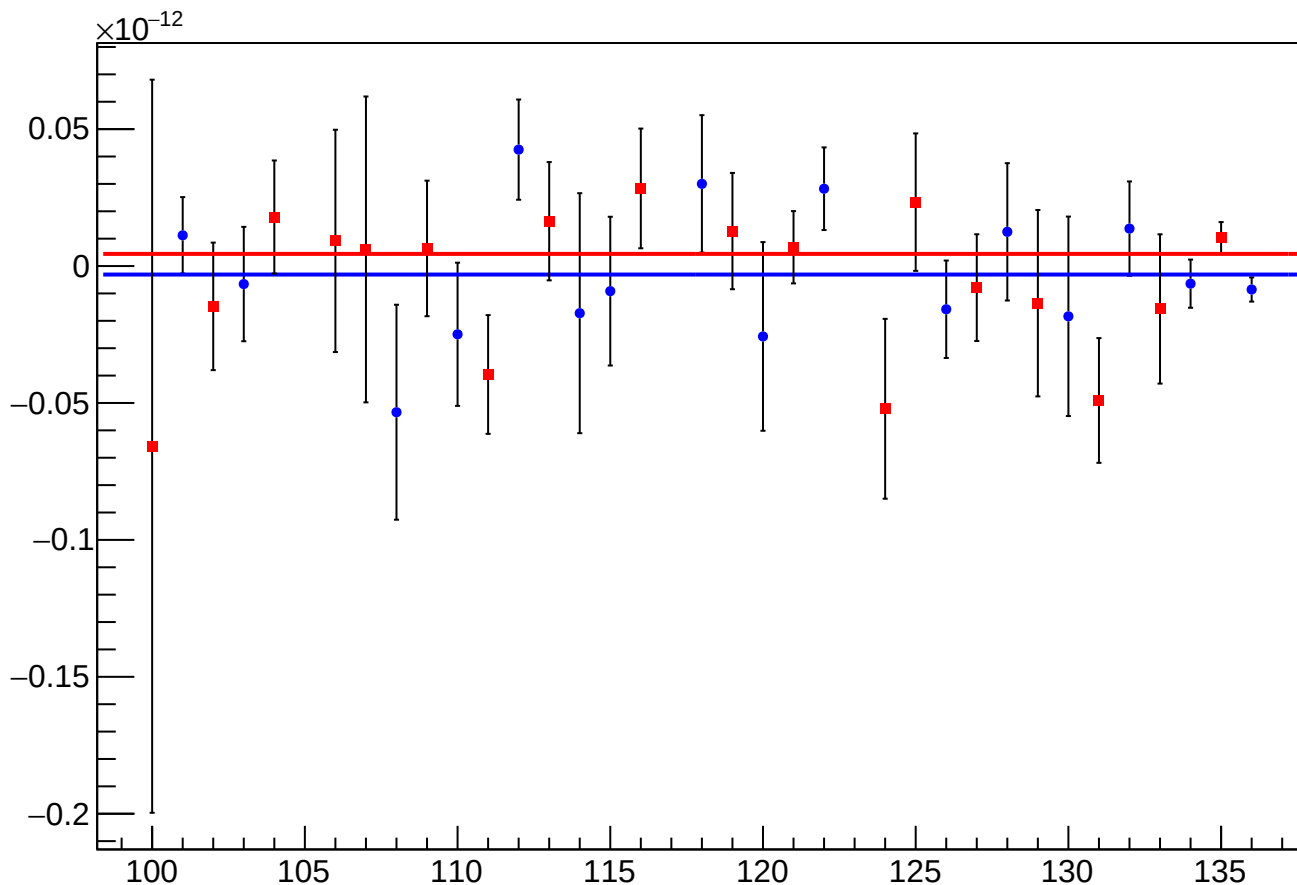
Right: 20.432+/-0.004 χ^2 /NDF: 1567357.4/33

In: 20.521+/-0.006 χ^2 /NDF:705877.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.432+/-0.004 χ^2 /NDF: 1567357.4/33

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 : 18.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

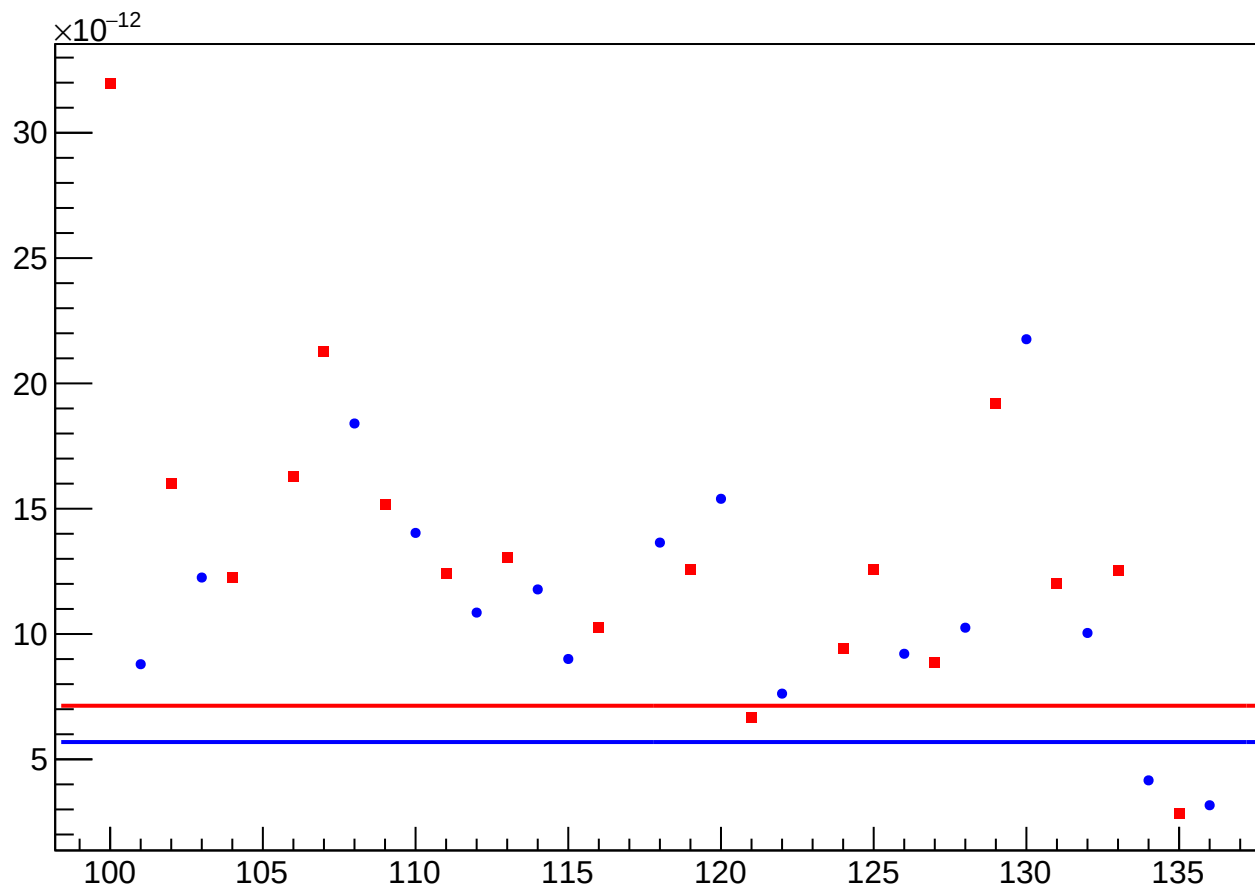
Right: -0.000+/-0.000 χ^2/NDF : 40.7/33

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 : 40.7/33

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 : 3071053.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

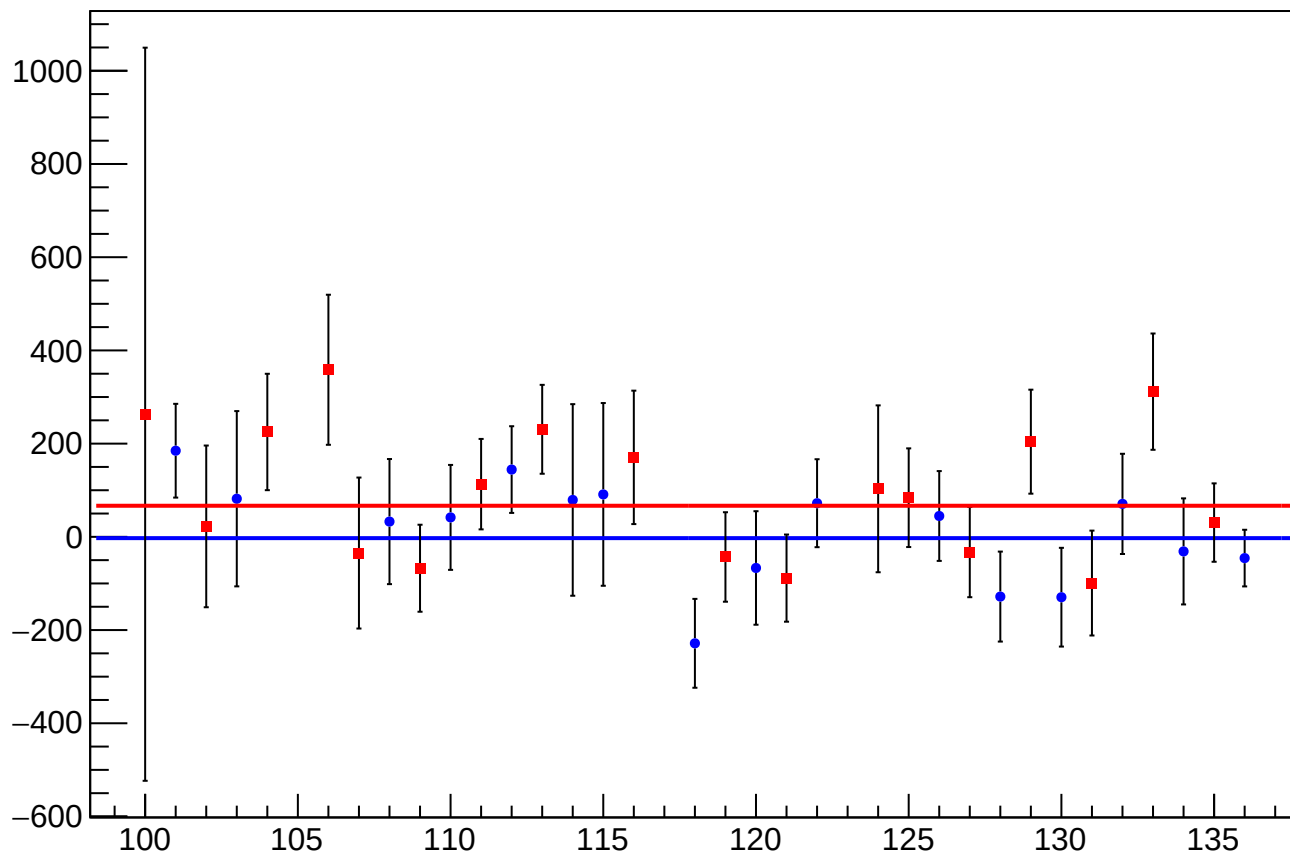
Right: 0.000+/-0.000 χ^2/NDF : 5933652.8/33

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 : 5933652.8/33

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: 66.709+/-27.014 χ^2/NDF : 24.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

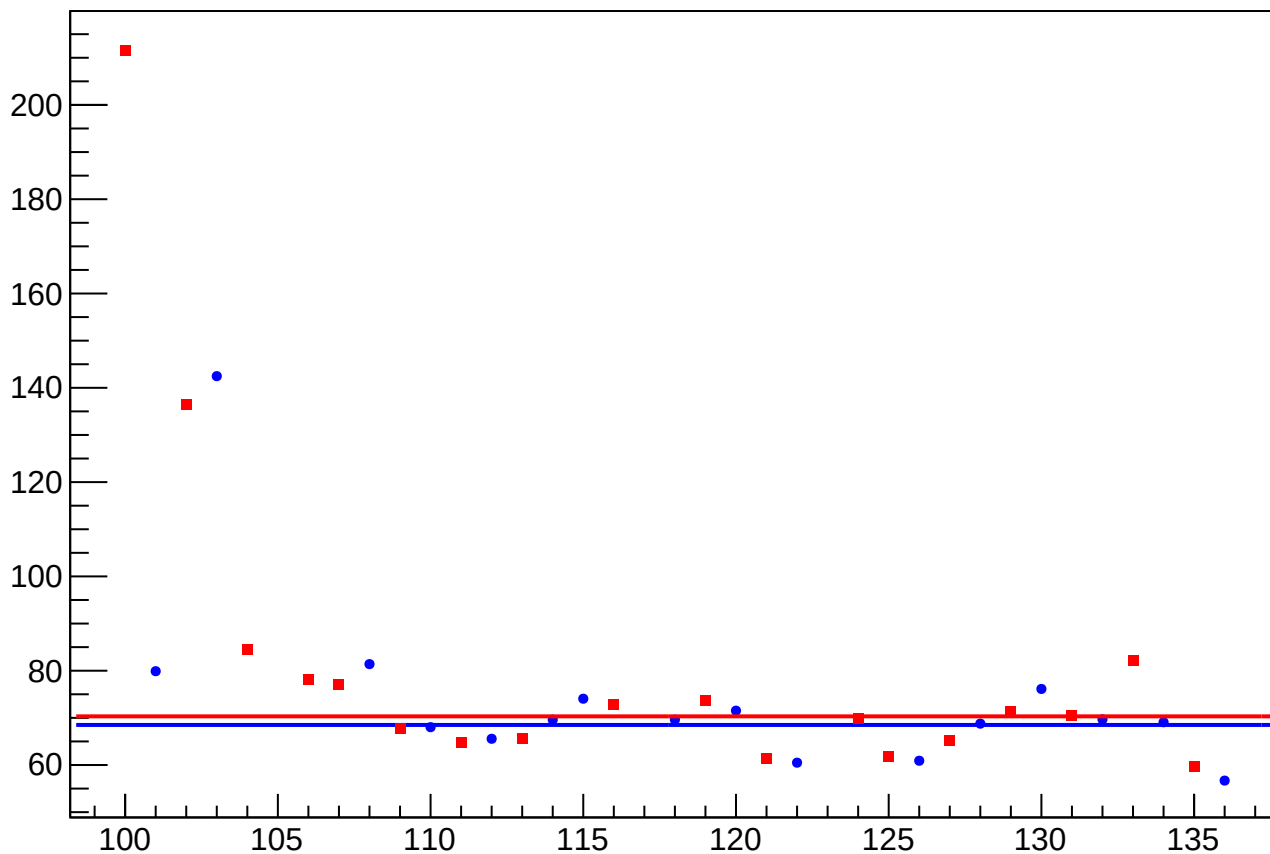
Right: 30.926+/-18.812 χ^2/NDF : 45.2/33

In: -2.766+/-26.213 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.926+/-18.812 χ^2/NDF : 45.2/33

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: 70.320+/-0.019 χ^2/NDF : 491332.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

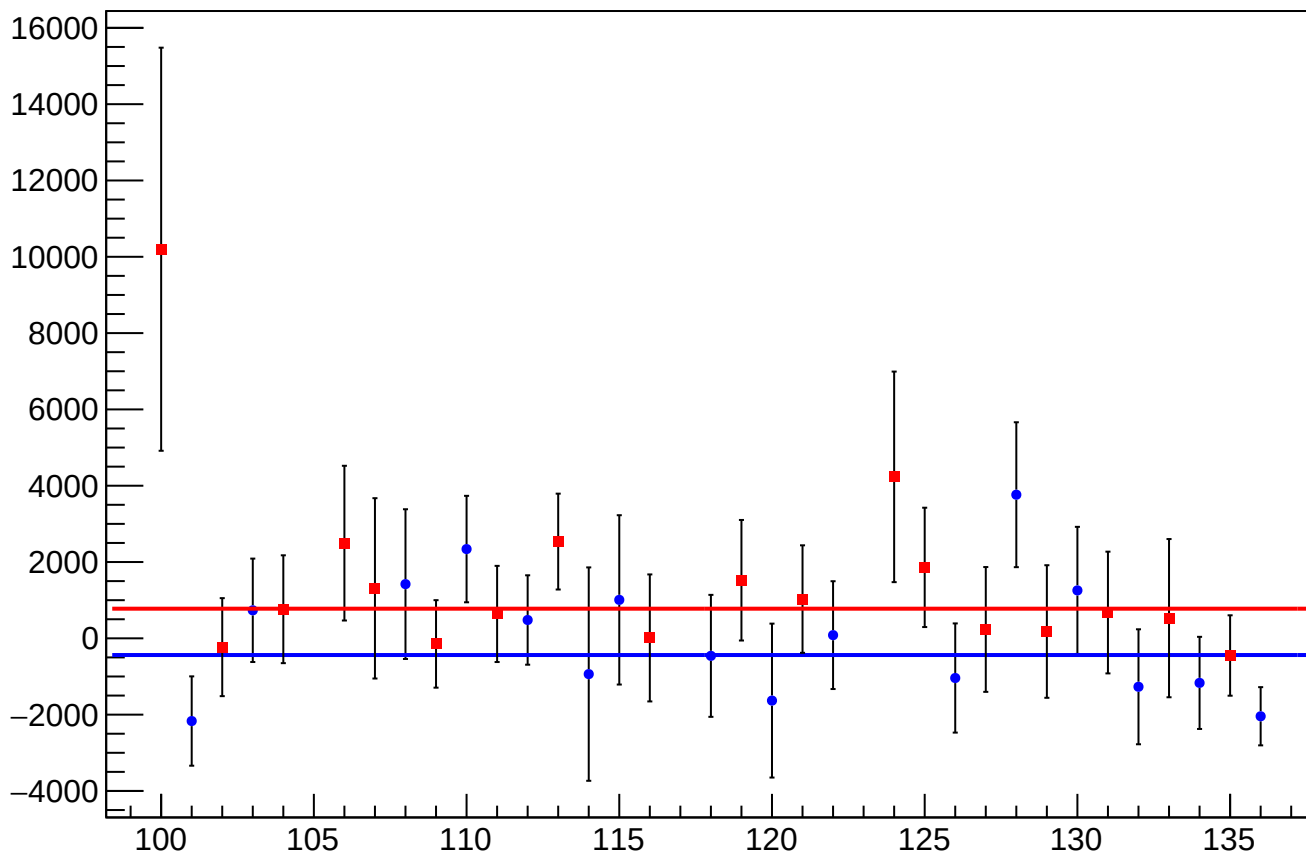
Right: 69.382+/-0.013 χ^2/NDF : 967880.4/33

In: 68.499+/-0.019 χ^2/NDF : 471865.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.382+/-0.013 χ^2/NDF : 967880.4/33

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: 777.041+/-362.125 χ^2 /NDF: 11.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

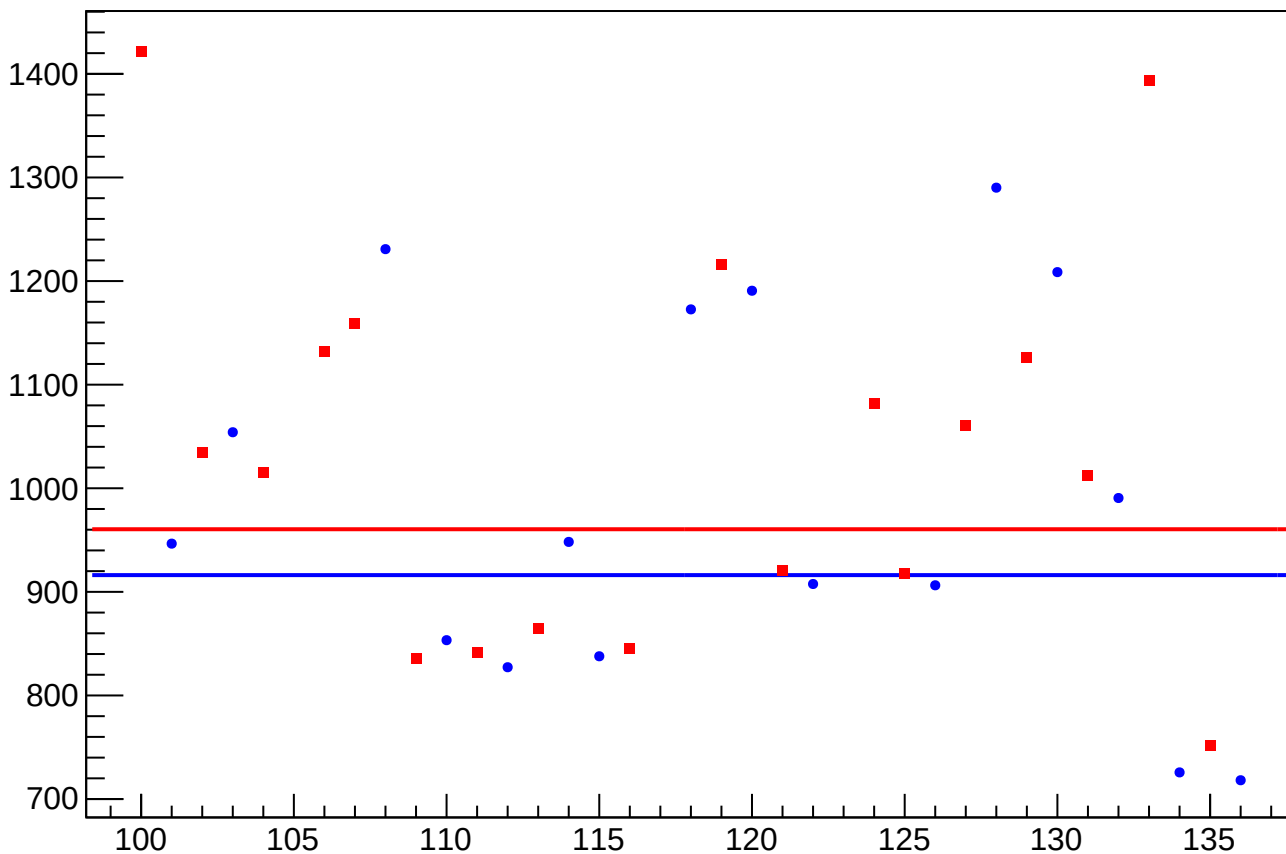
Right: 147.181+/-251.247 χ^2 /NDF: 37.7/33

In: -437.444+/-348.880 χ^2 /NDF:20.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 147.181+/-251.247 χ^2 /NDF: 37.7/33

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: 960.448+/-0.256 χ^2/NDF : 369221.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

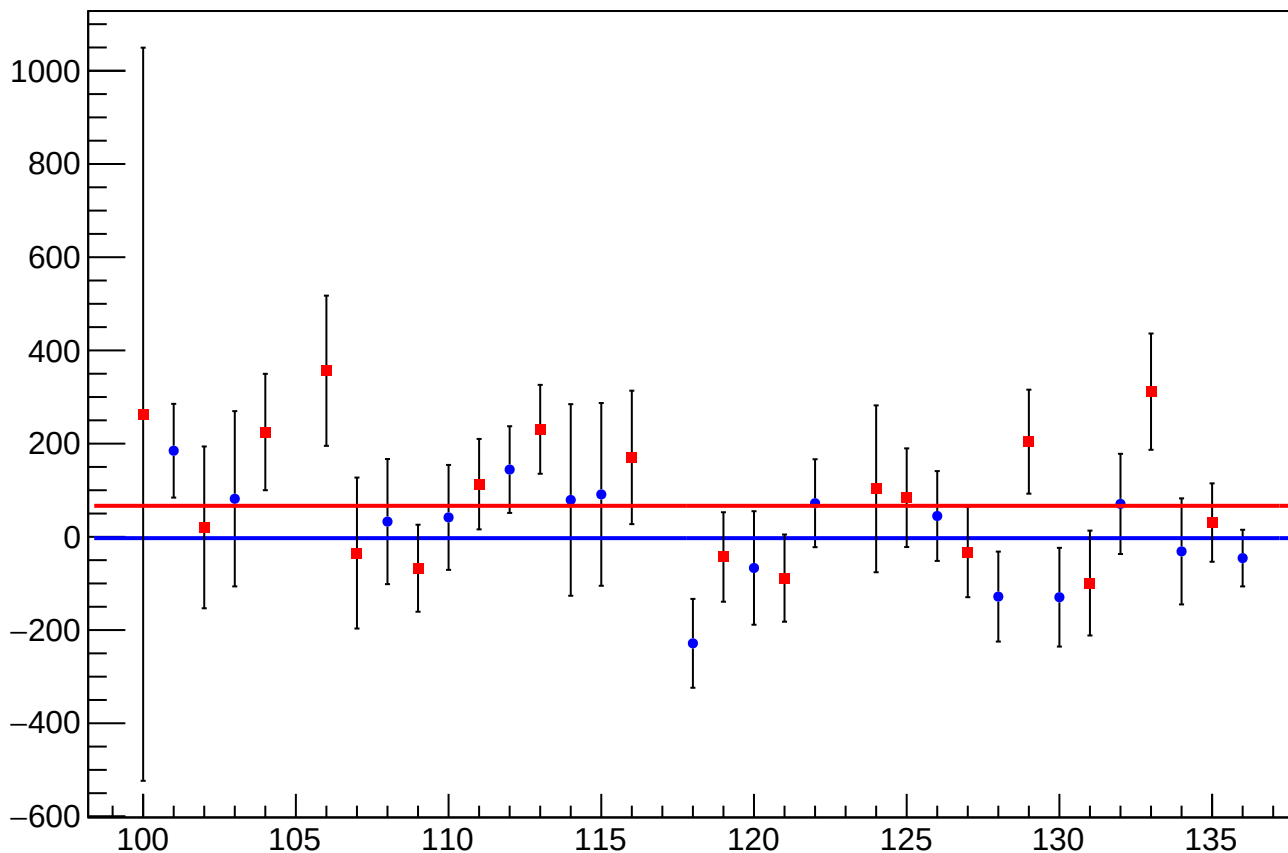
Right: 937.485+/-0.178 χ^2/NDF : 893855.0/33

In: 916.171+/-0.247 χ^2/NDF : 509126.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 937.485+/-0.178 χ^2/NDF : 893855.0/33

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: 66.582+/-27.016 χ^2/NDF : 24.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

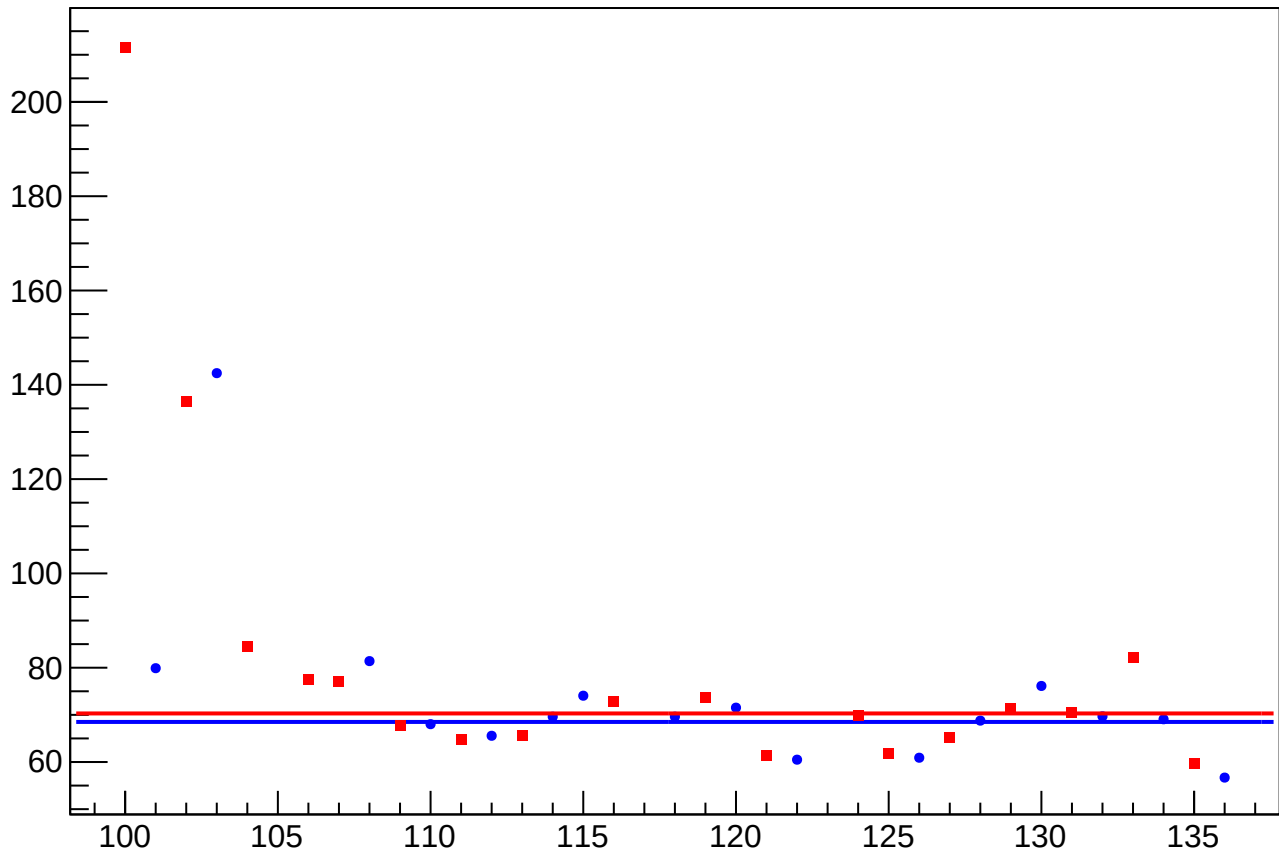
Right: 30.859+/-18.813 χ^2/NDF : 45.1/33

In: -2.773+/-26.213 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.859+/-18.813 χ^2/NDF : 45.1/33

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: 70.300+/-0.019 χ^2/NDF : 490794.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

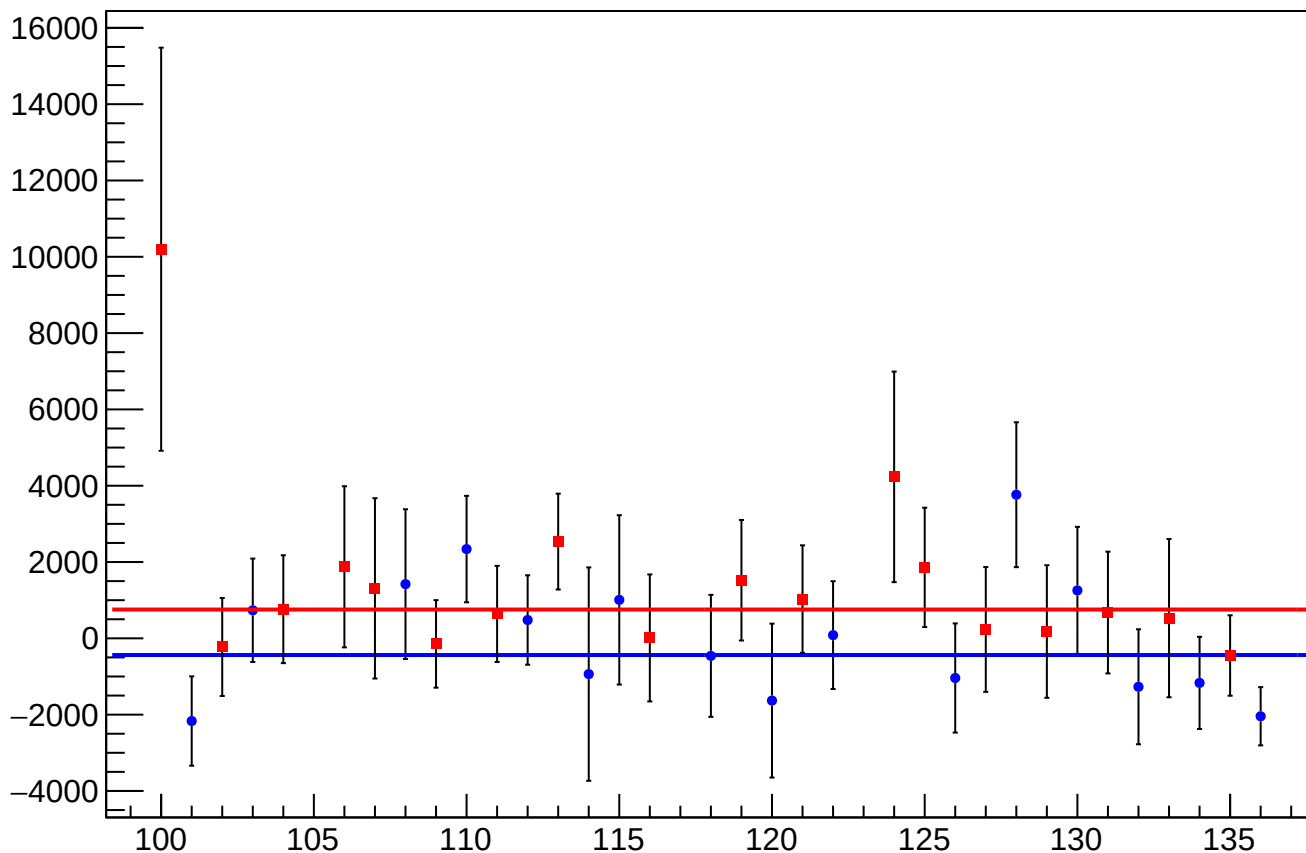
Right: 69.372+/-0.013 χ^2/NDF : 967242.7/33

In: 68.499+/-0.019 χ^2/NDF : 471868.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.372+/-0.013 χ^2/NDF : 967242.7/33

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: 755.028+/-362.596 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

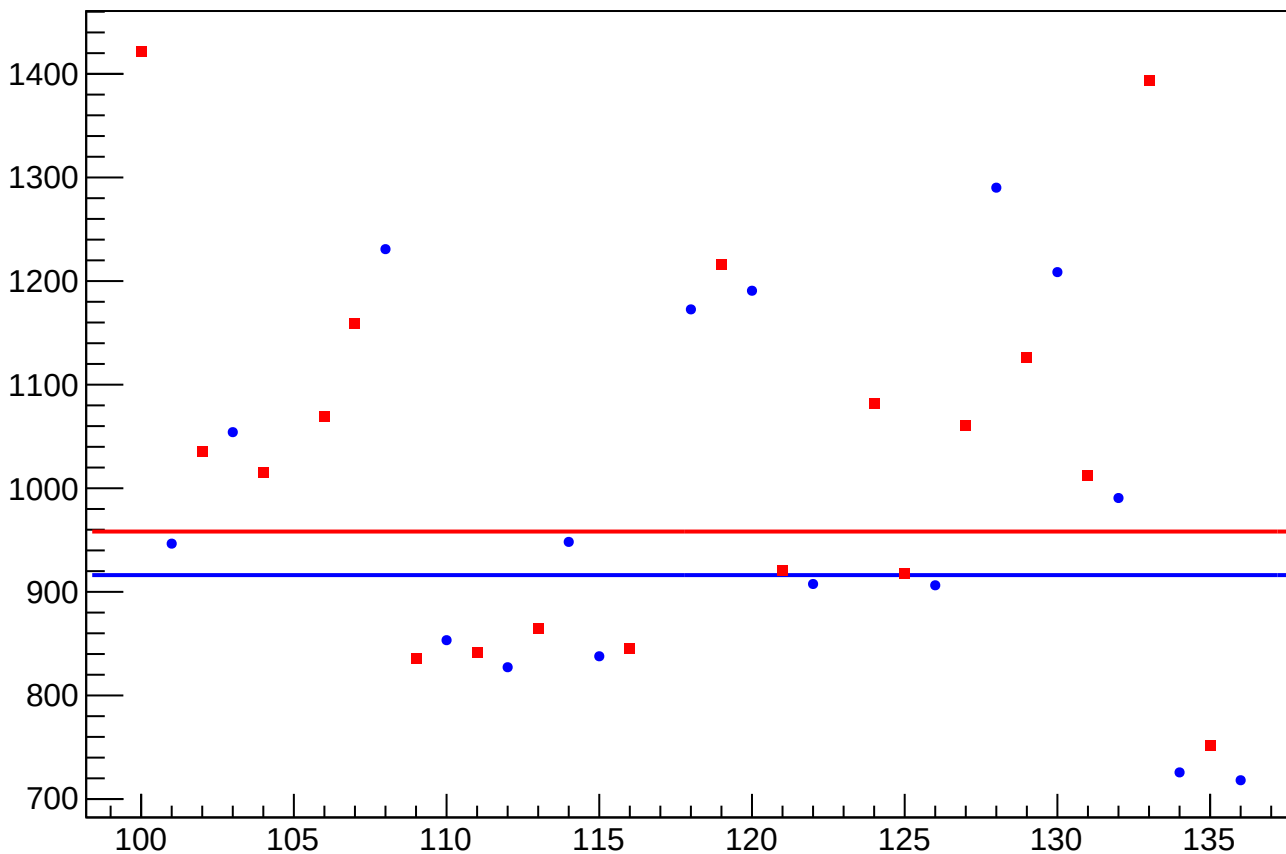
Right: 135.830+/-251.405 χ^2/NDF : 37.0/33

In: -437.415+/-348.881 χ^2/NDF : 20.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.830+/-251.405 χ^2/NDF : 37.0/33

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: 958.225+/-0.256 χ^2/NDF : 360271.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

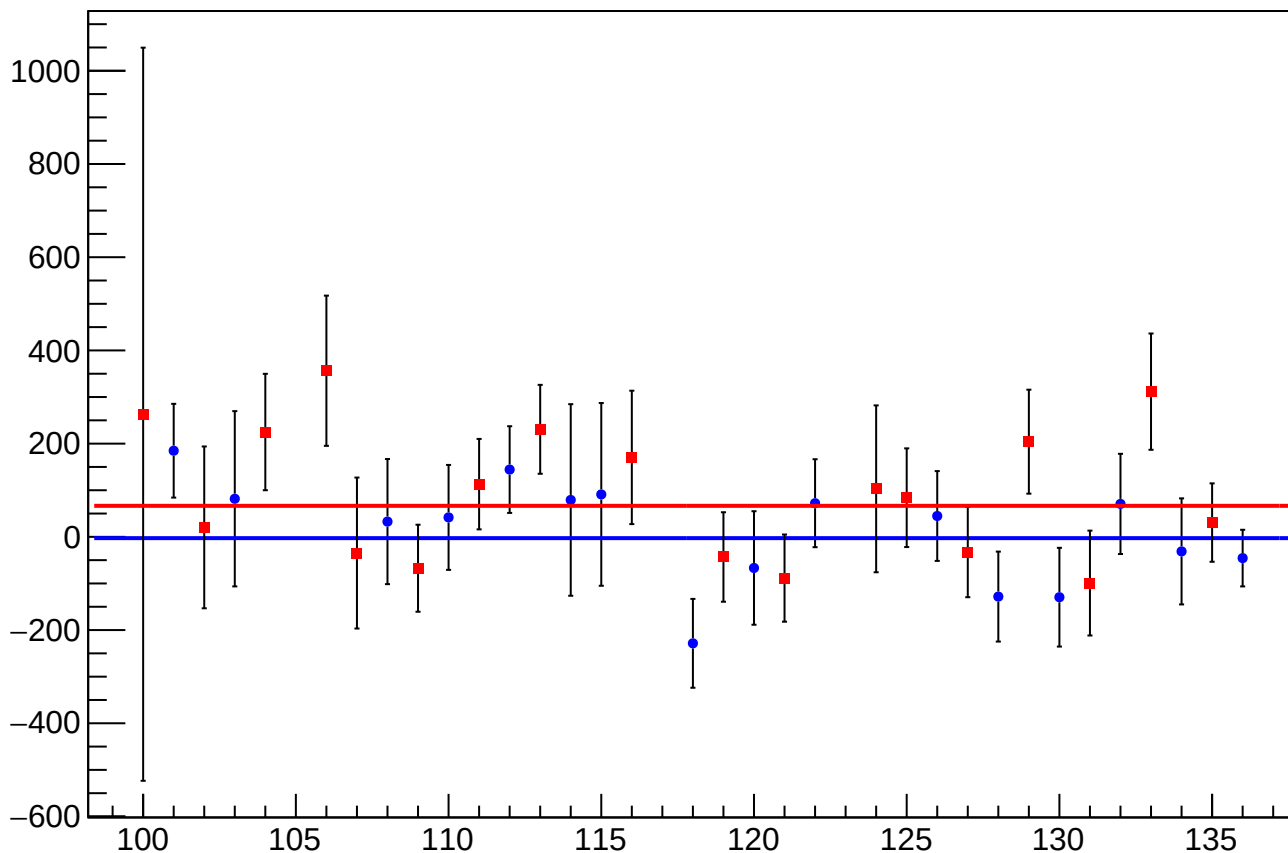
Right: 936.389+/-0.178 χ^2/NDF : 883388.3/33

In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.389+/-0.178 χ^2/NDF : 883388.3/33

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: 66.582+/-27.016 χ^2/NDF : 24.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

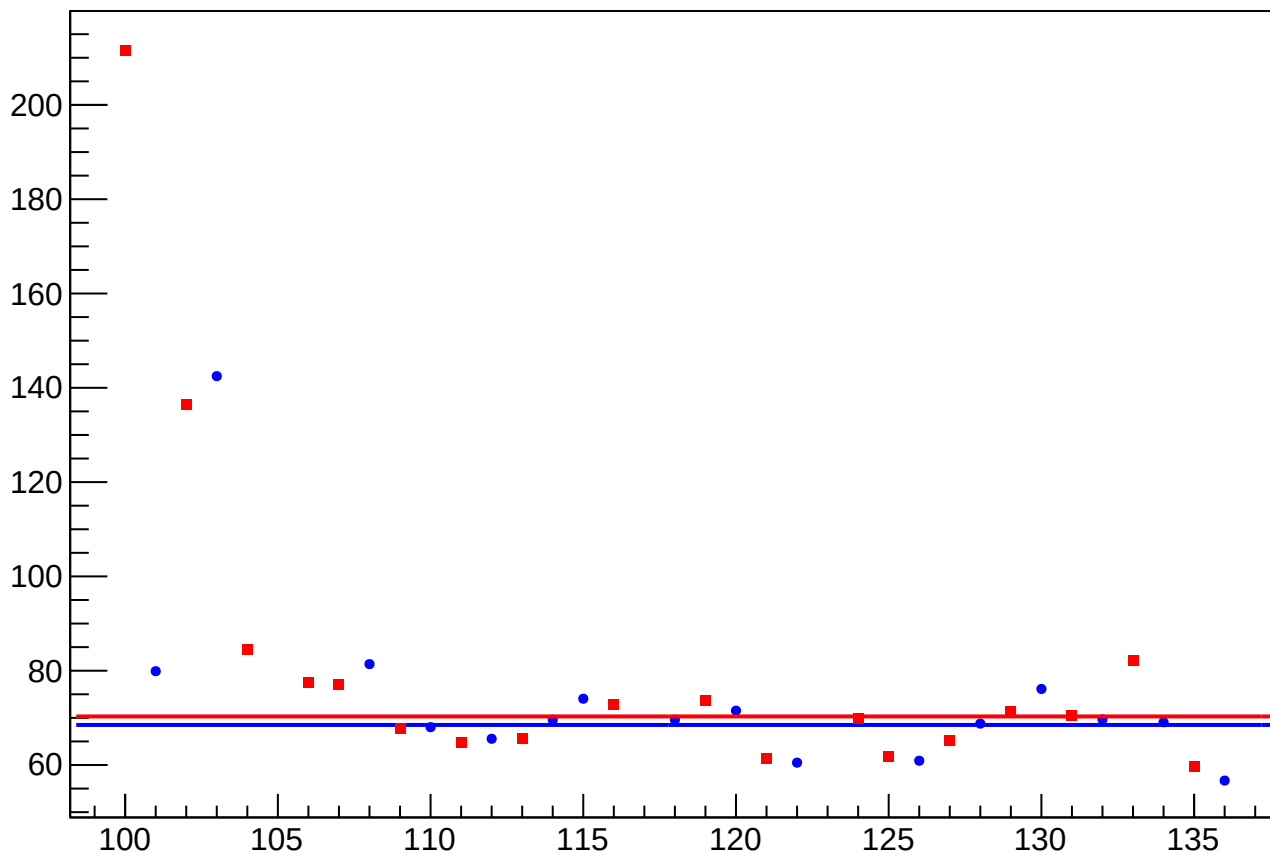
Right: 30.859+/-18.813 χ^2/NDF : 45.1/33

In: -2.773+/-26.213 χ^2/NDF : 17.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.859+/-18.813 χ^2/NDF : 45.1/33

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: 70.300+/-0.019 χ^2/NDF : 490794.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

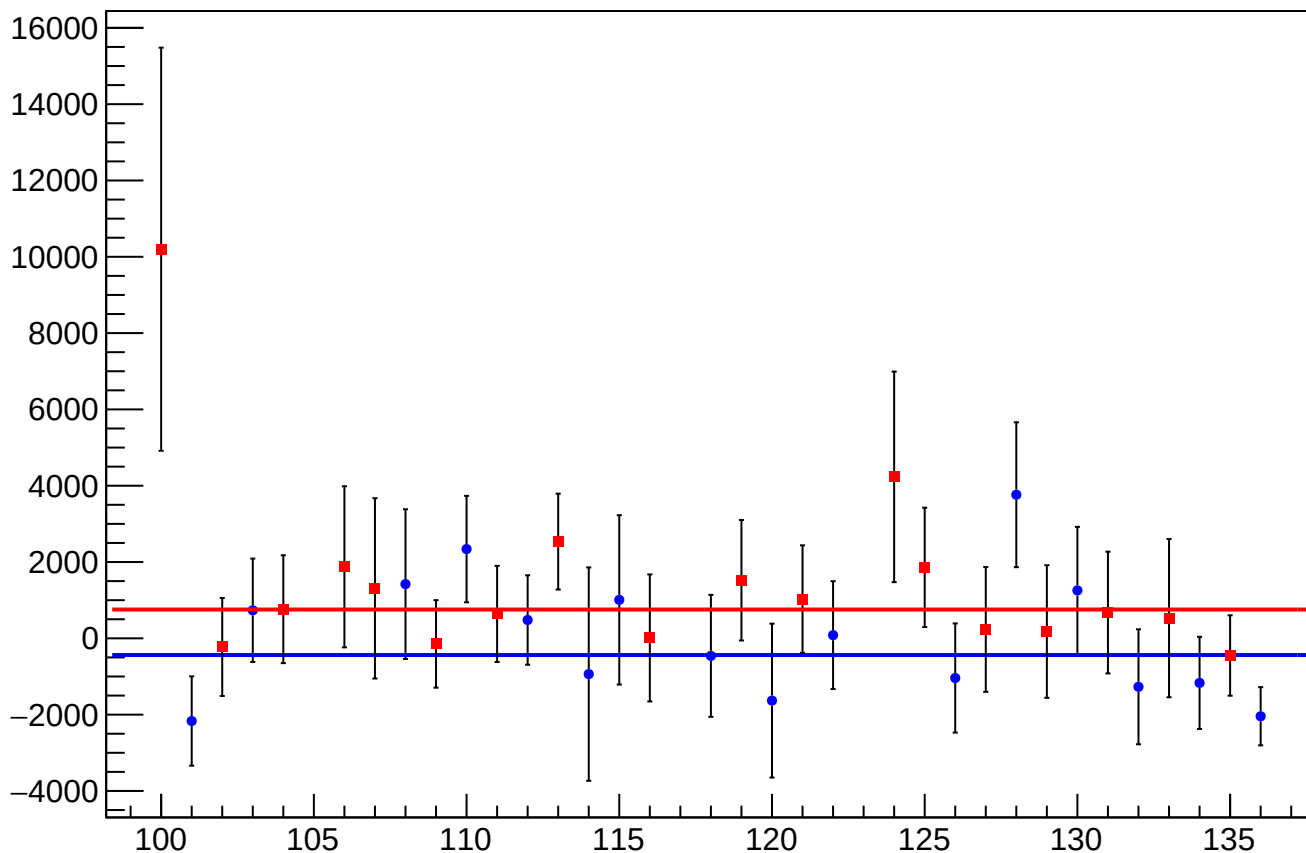
Right: 69.372+/-0.013 χ^2/NDF : 967242.7/33

In: 68.499+/-0.019 χ^2/NDF :471868.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 69.372+/-0.013 χ^2/NDF : 967242.7/33

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: 755.028+/-362.596 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

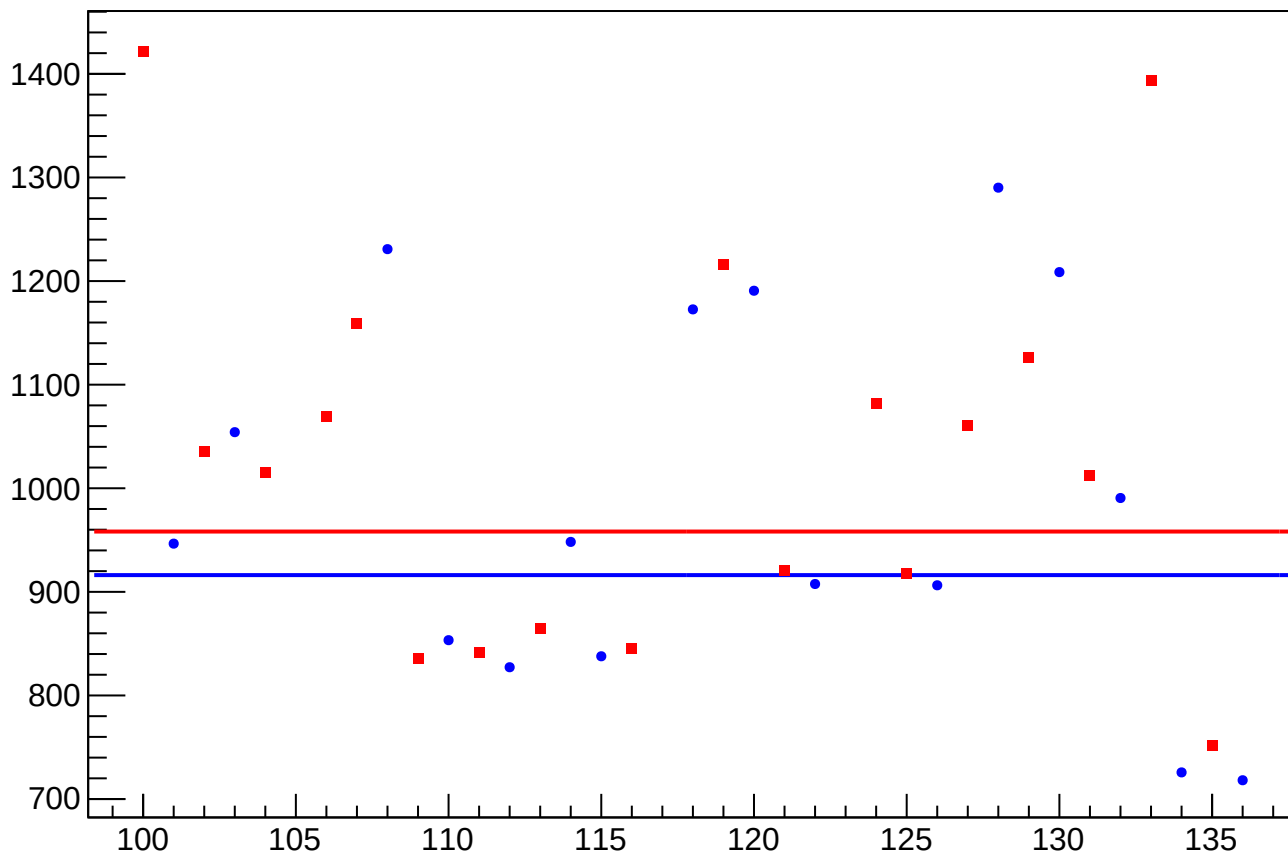
Right: 135.830+/-251.405 χ^2 /NDF: 37.0/33

In: -437.415+/-348.881 χ^2 /NDF:20.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 135.830+/-251.405 χ^2 /NDF: 37.0/33

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: 958.225+/-0.256 χ^2/NDF : 360271.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

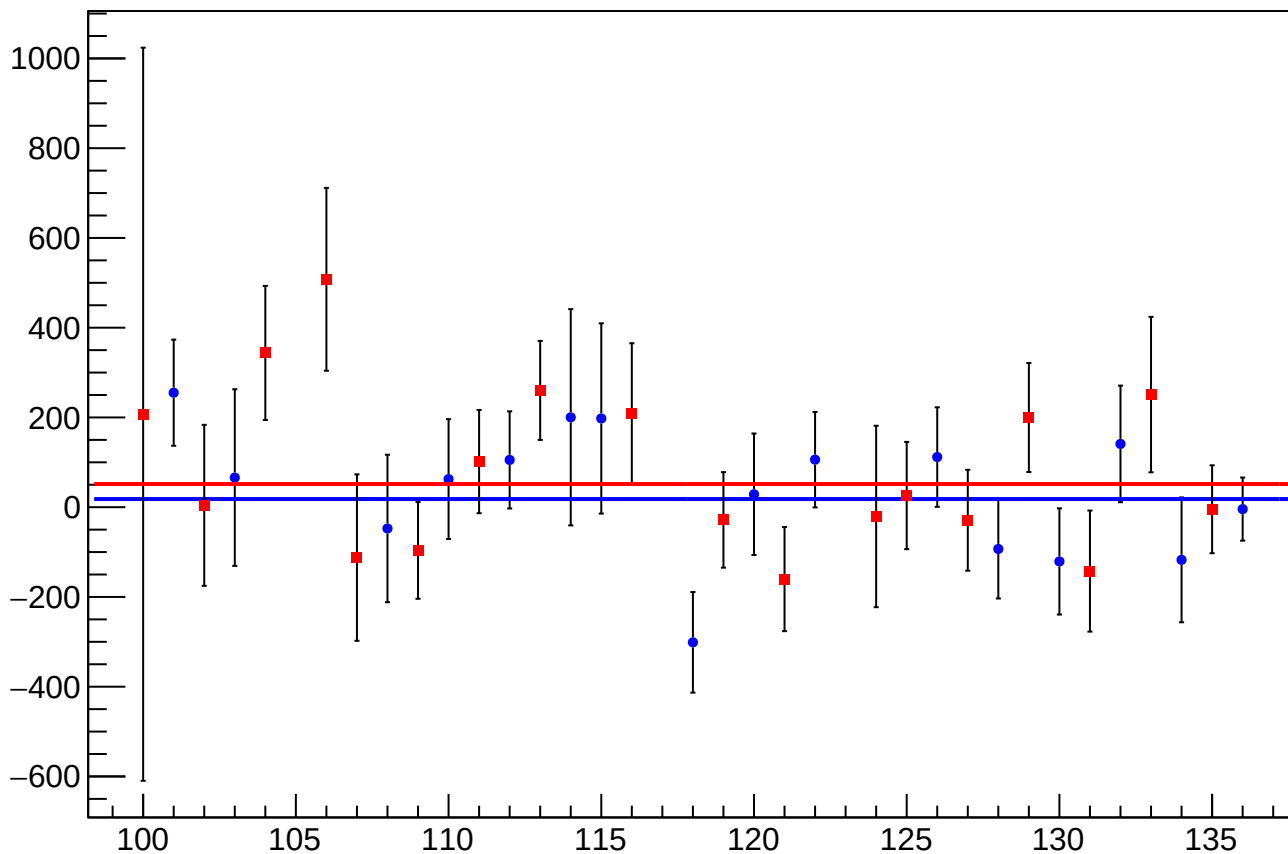
Right: 936.389+/-0.178 χ^2/NDF : 883388.3/33

In: 916.174+/-0.247 χ^2/NDF : 509149.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 936.389+/-0.178 χ^2/NDF : 883388.3/33

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: 51.591+/-31.444 χ^2/NDF : 26.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

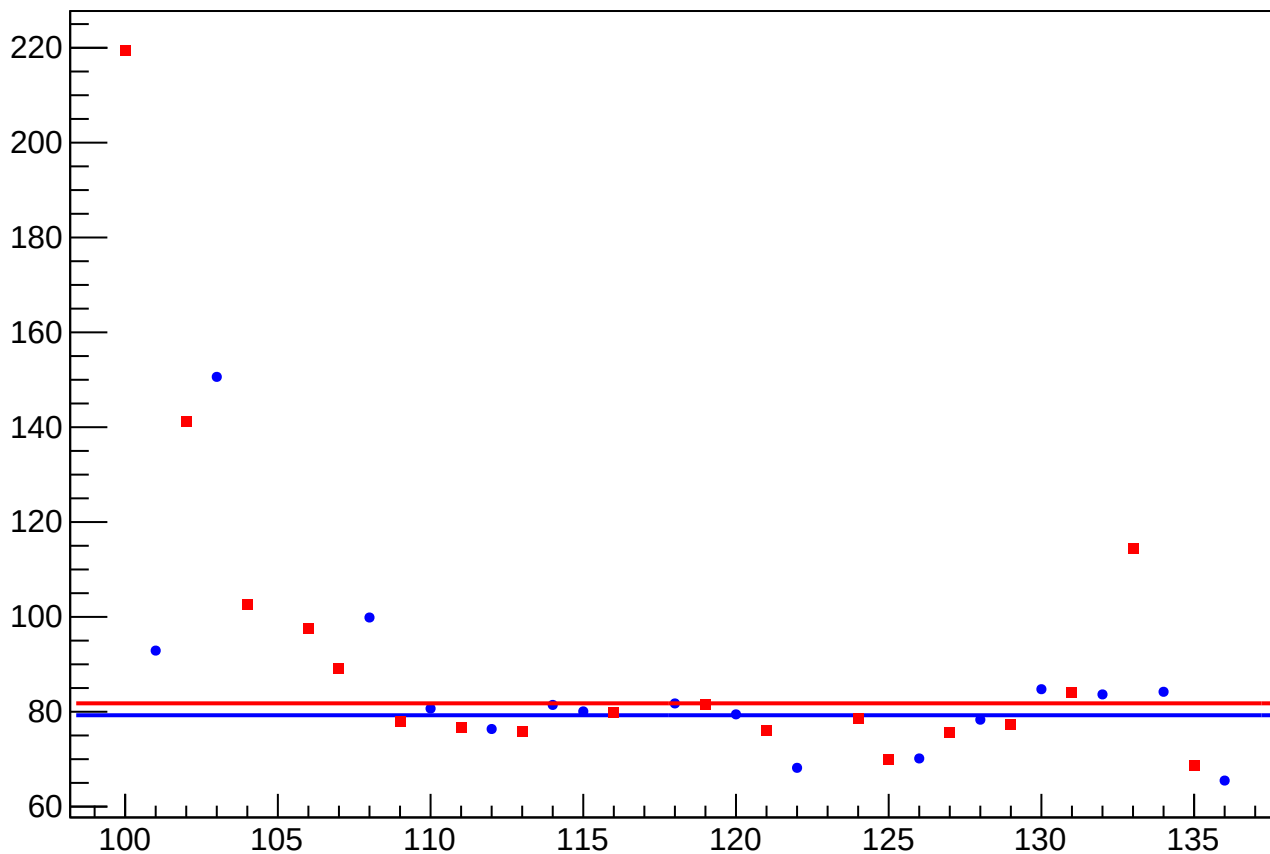
Right: 34.289+/-21.836 χ^2/NDF : 46.9/33

In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.289+/-21.836 χ^2/NDF : 46.9/33

dit_asym_sam_12345678_avg_rms vs Slug, Sign Corrected



Right In: 79.263 ± 0.021 $\chi^2/\text{NDF}: 444951.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 81.776 ± 0.022 $\chi^2/\text{NDF}: 485012.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

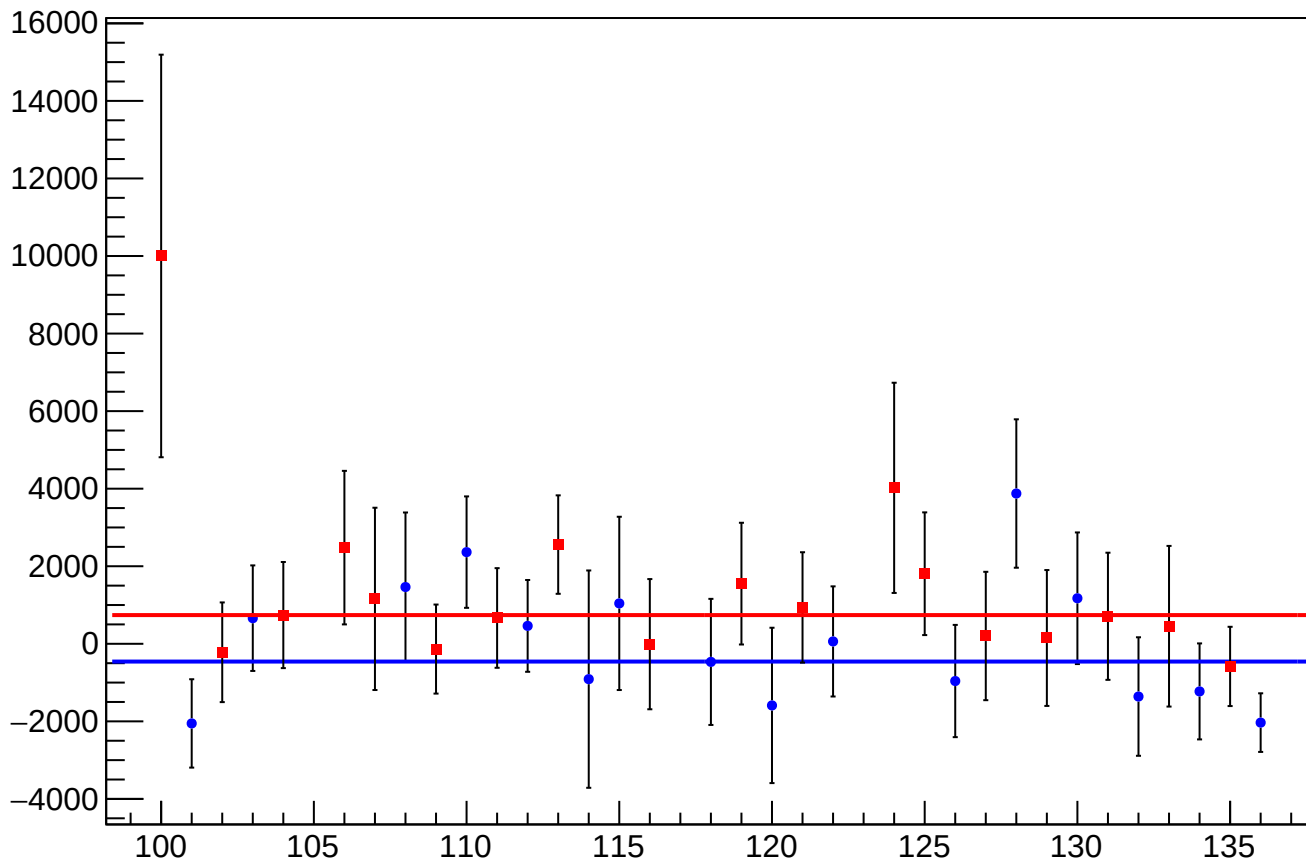
Right: 80.475 ± 0.015 $\chi^2/\text{NDF}: 936576.4/33$

In: 79.263 ± 0.021 $\chi^2/\text{NDF}: 444951.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 80.475 ± 0.015 $\chi^2/\text{NDF}: 936576.4/33$

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: 740.374+/-361.756 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

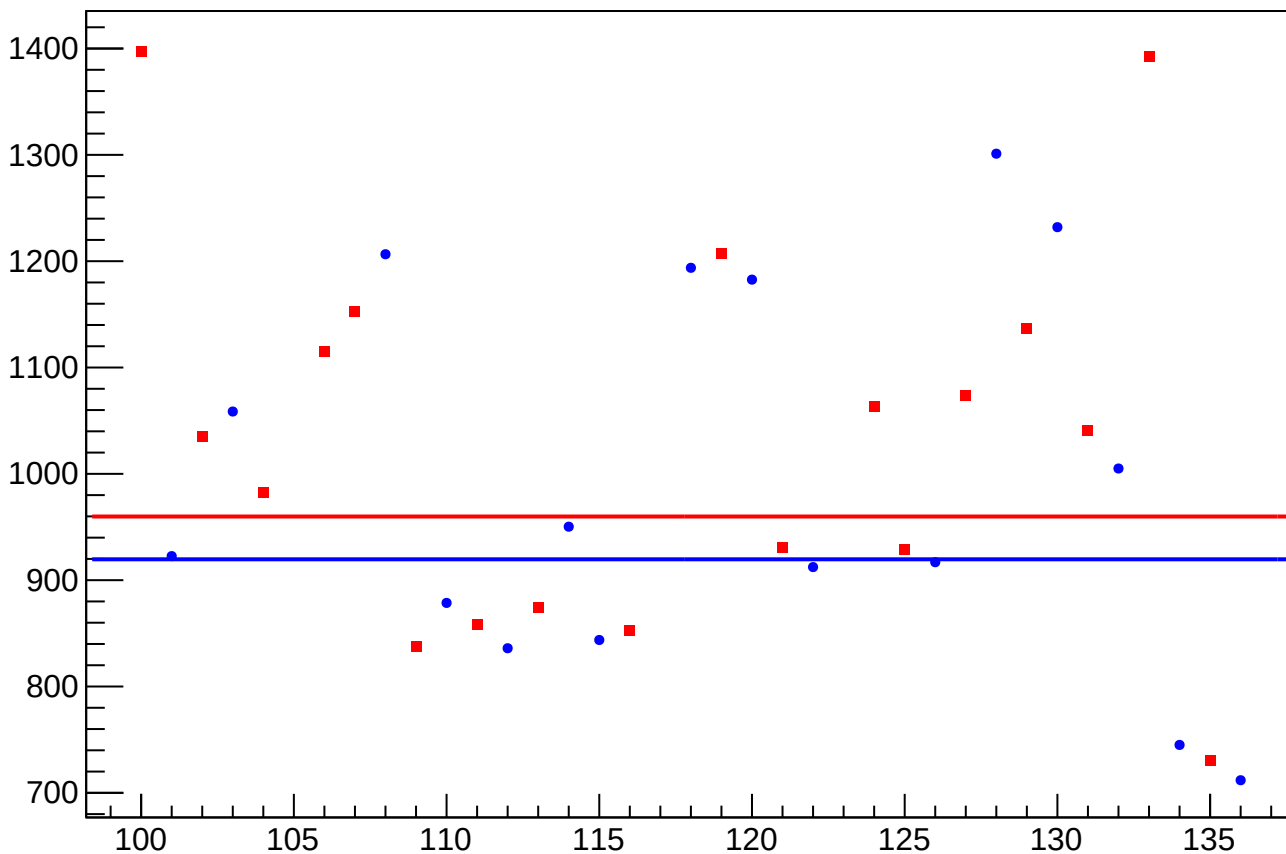
Right: 121.472+/-251.568 χ^2 /NDF: 37.4/33

In: -458.108+/-350.075 χ^2 /NDF:20.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 121.472+/-251.568 χ^2 /NDF: 37.4/33

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: 959.882+/-0.256 χ^2/NDF : 377080.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

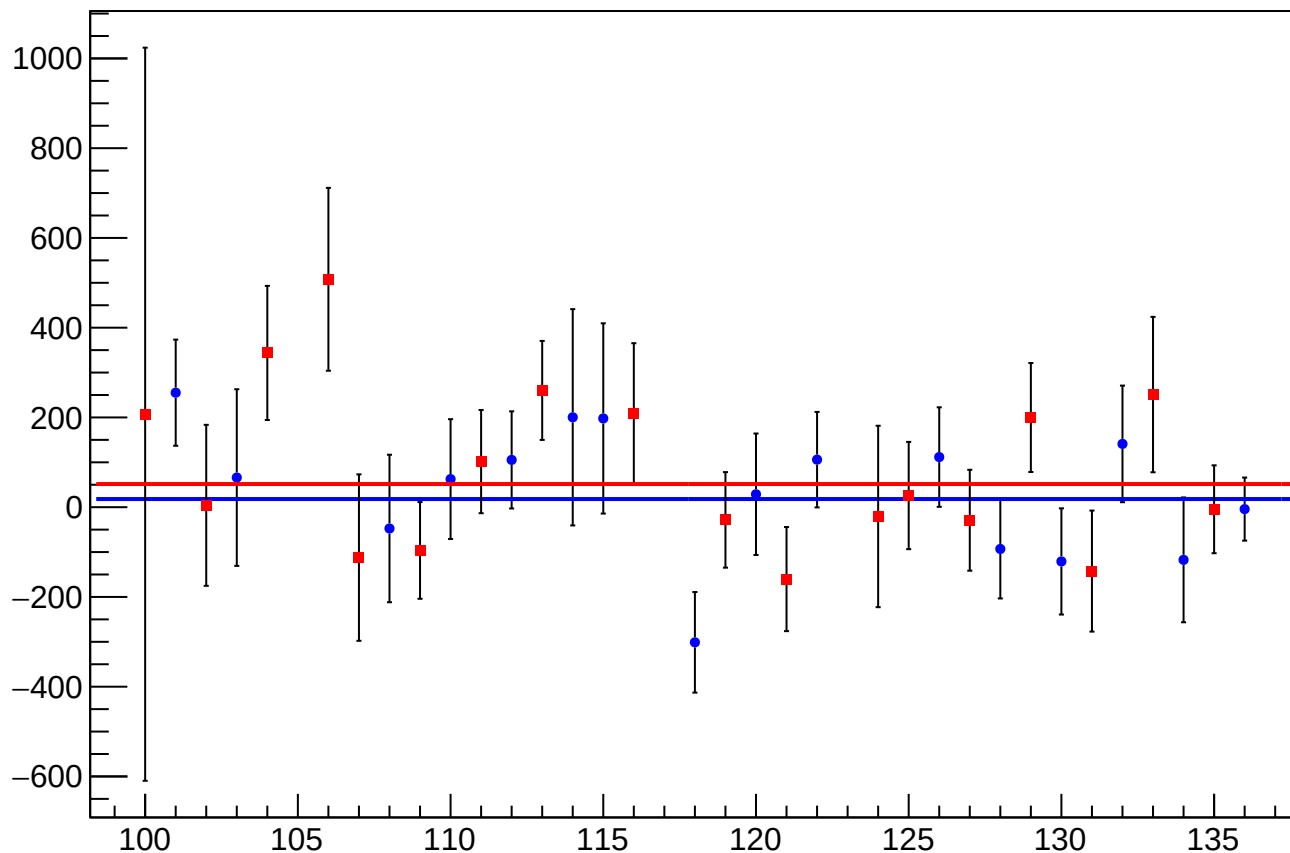
Right: 939.100+/-0.178 χ^2/NDF : 905305.1/33

In: 919.638+/-0.248 χ^2/NDF :515443.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 939.100+/-0.178 χ^2/NDF : 905305.1/33

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: 51.588+/-31.444 χ^2/NDF : 26.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

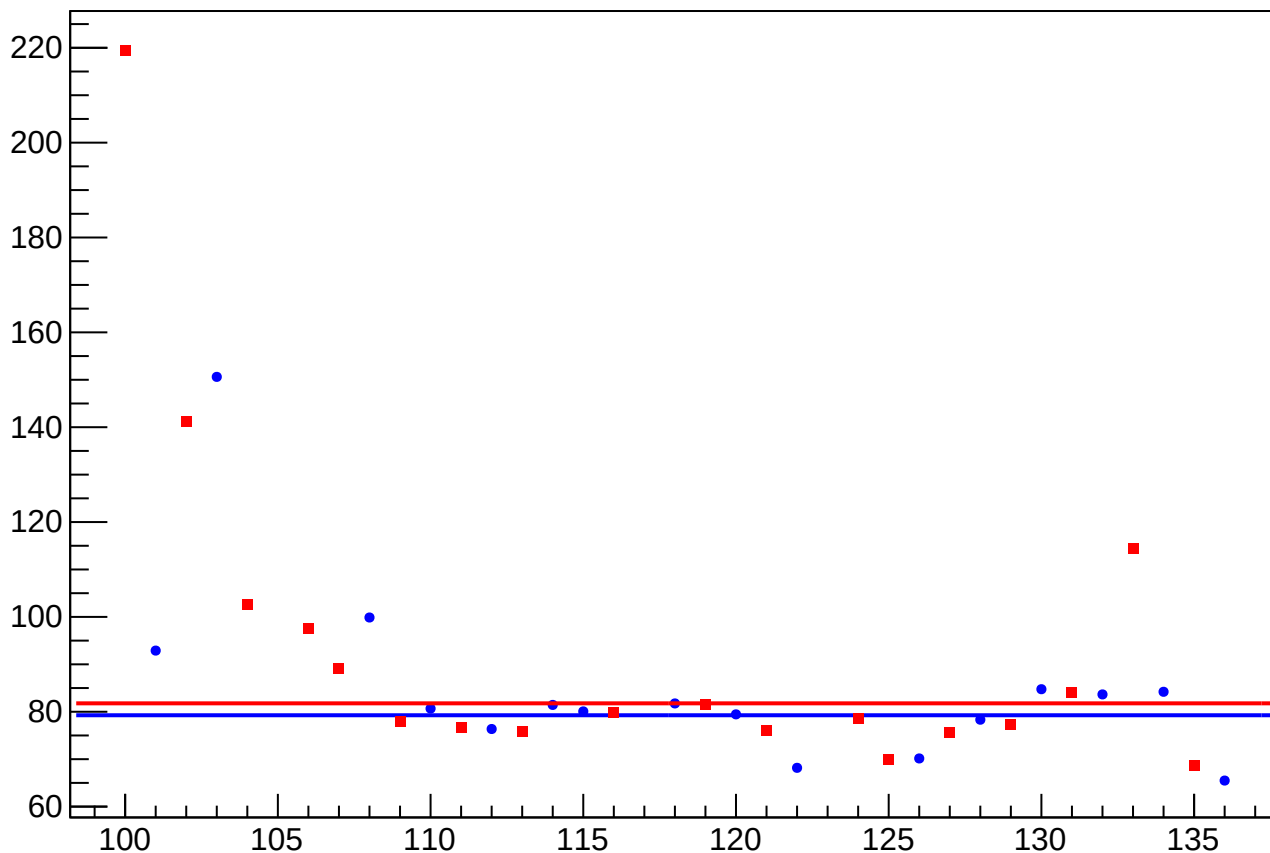
Right: 34.288+/-21.836 χ^2/NDF : 46.9/33

In: 18.175+/-30.346 χ^2/NDF : 20.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.288+/-21.836 χ^2/NDF : 46.9/33

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: 81.776+/-0.022 χ^2/NDF : 485021.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

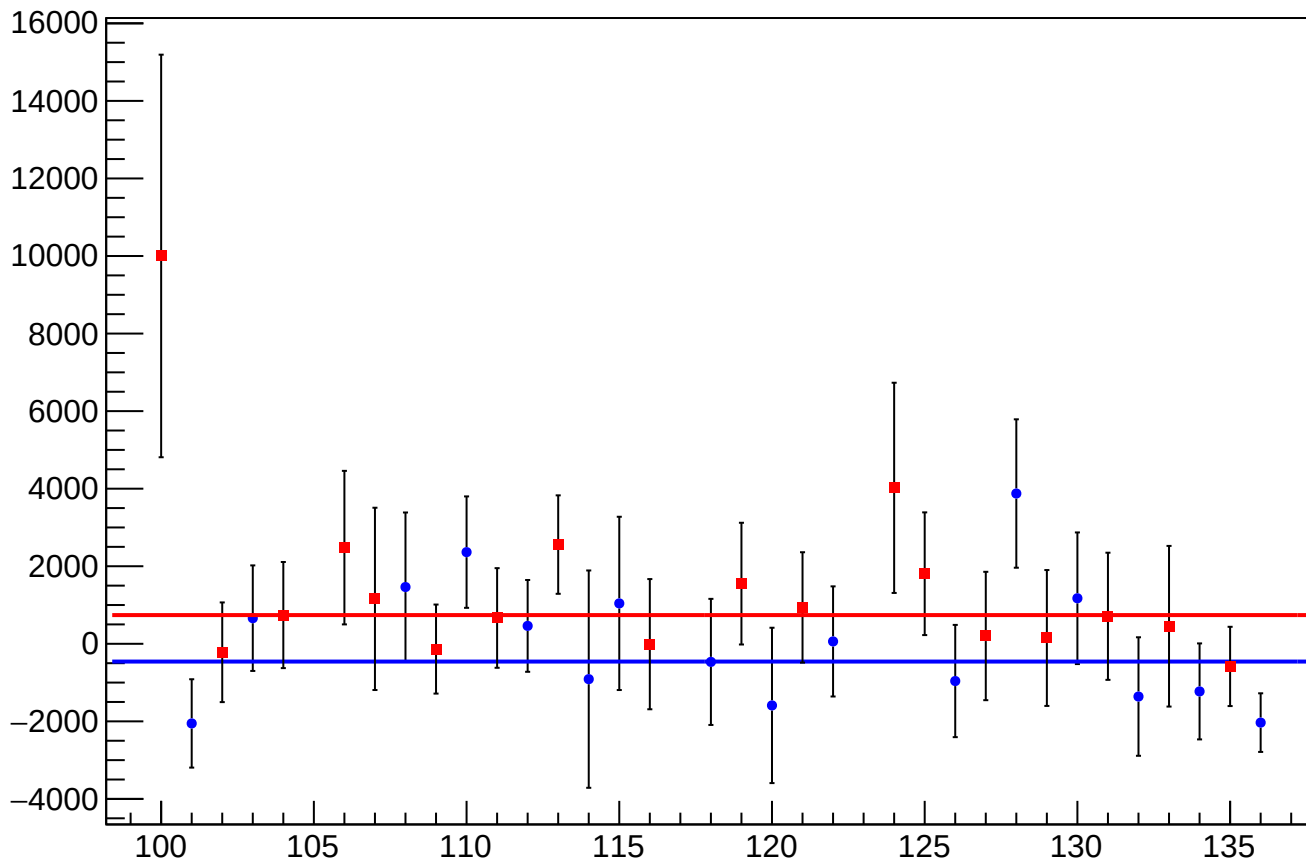
Right: 80.475+/-0.015 χ^2/NDF : 936583.1/33

In: 79.263+/-0.021 χ^2/NDF :444948.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 80.475+/-0.015 χ^2/NDF : 936583.1/33

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: 740.372+/-361.755 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

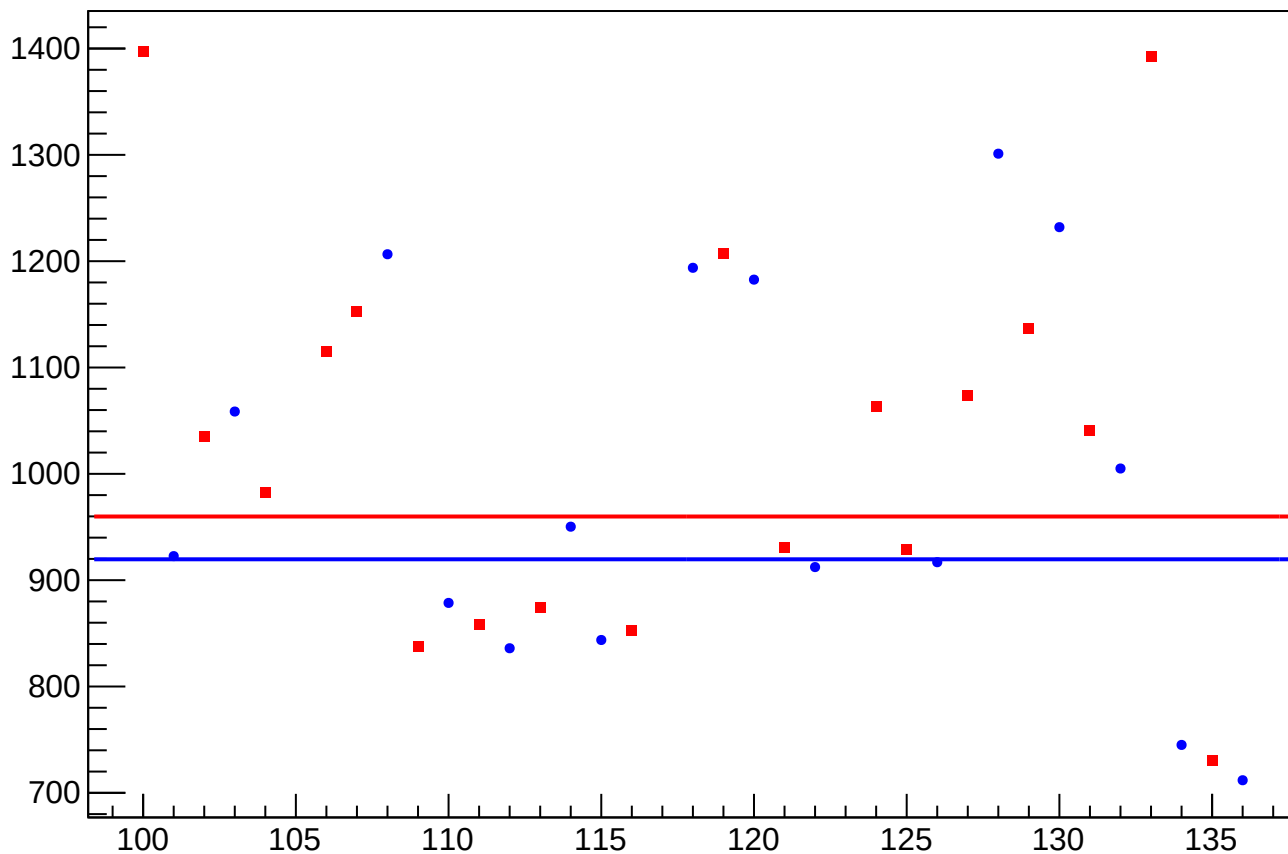
Right: 121.473+/-251.568 χ^2/NDF : 37.4/33

In: -458.104+/-350.074 χ^2/NDF :20.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 121.473+/-251.568 χ^2/NDF : 37.4/33

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: 959.879+/-0.256 χ^2/NDF : 377081.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

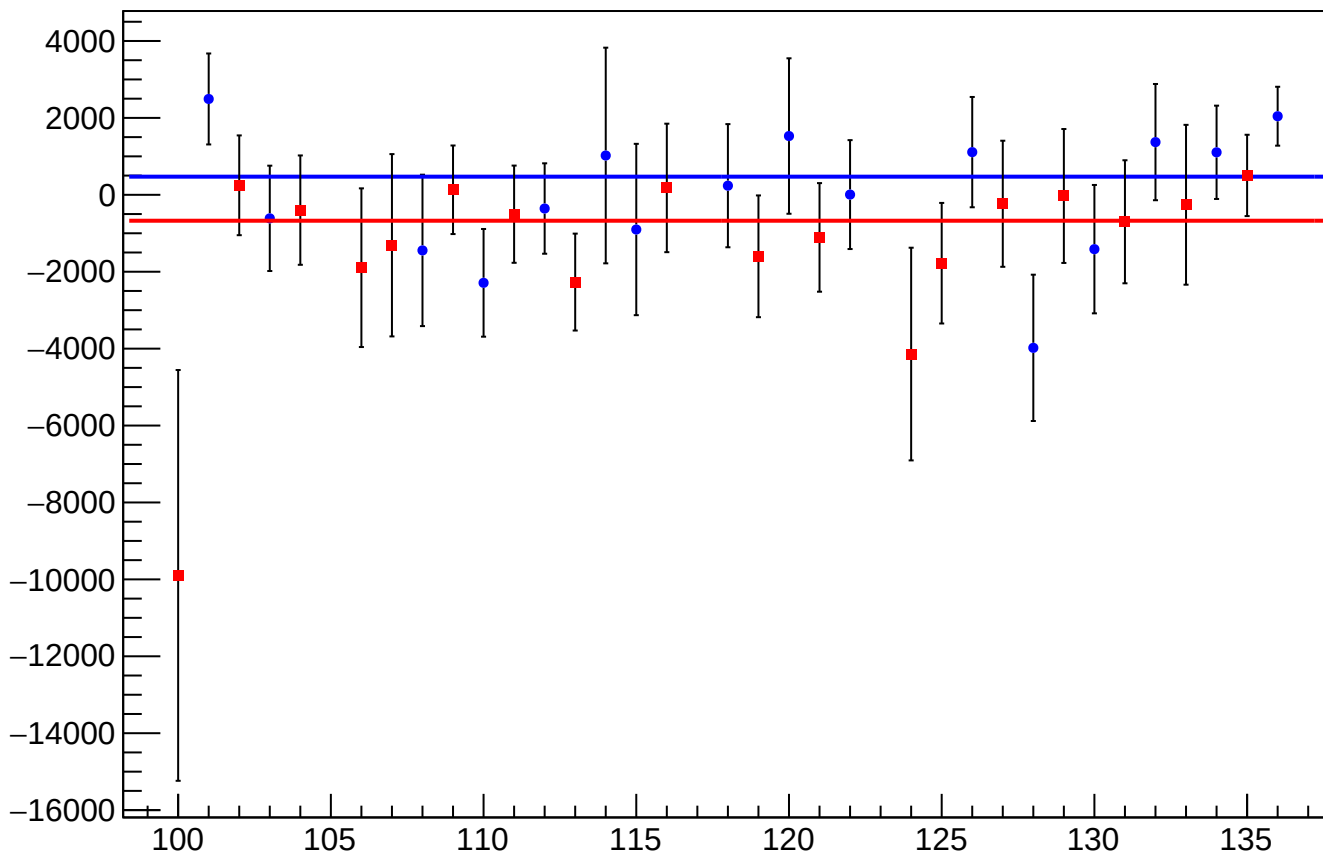
Right: 939.098+/-0.178 χ^2/NDF : 905306.9/33

In: 919.636+/-0.248 χ^2/NDF : 515443.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 939.098+/-0.178 χ^2/NDF : 905306.9/33

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: -673.793+/-363.644 χ^2/NDF : 10.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

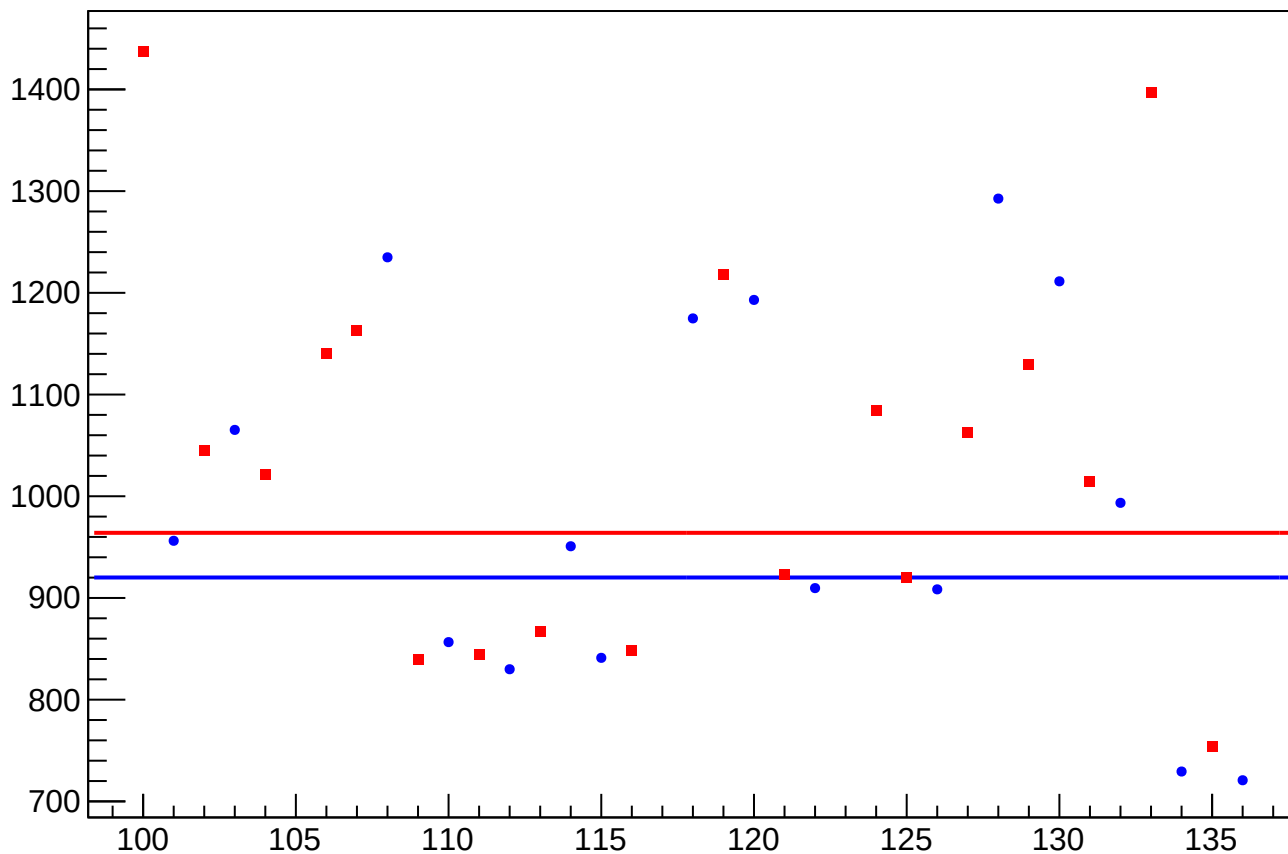
Right: -79.605+/-252.314 χ^2/NDF : 36.9/33

In: 472.014+/-350.376 χ^2/NDF : 21.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -79.605+/-252.314 χ^2/NDF : 36.9/33

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: 964.038+/-0.257 χ^2/NDF : 369889.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

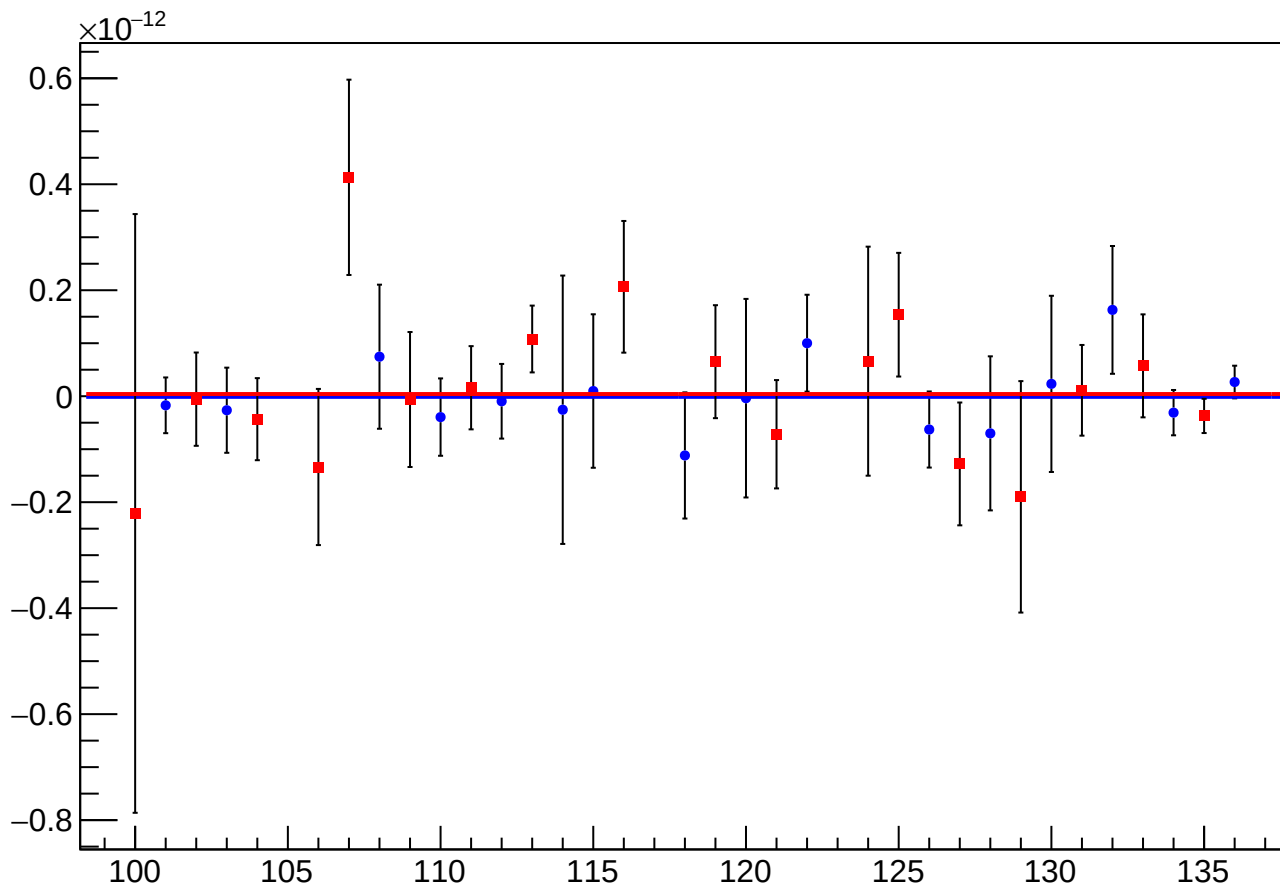
Right: 941.266+/-0.178 χ^2/NDF : 893692.7/33

In: 920.125+/-0.248 χ^2/NDF : 508678.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 941.266+/-0.178 χ^2/NDF : 893692.7/33

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 : 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

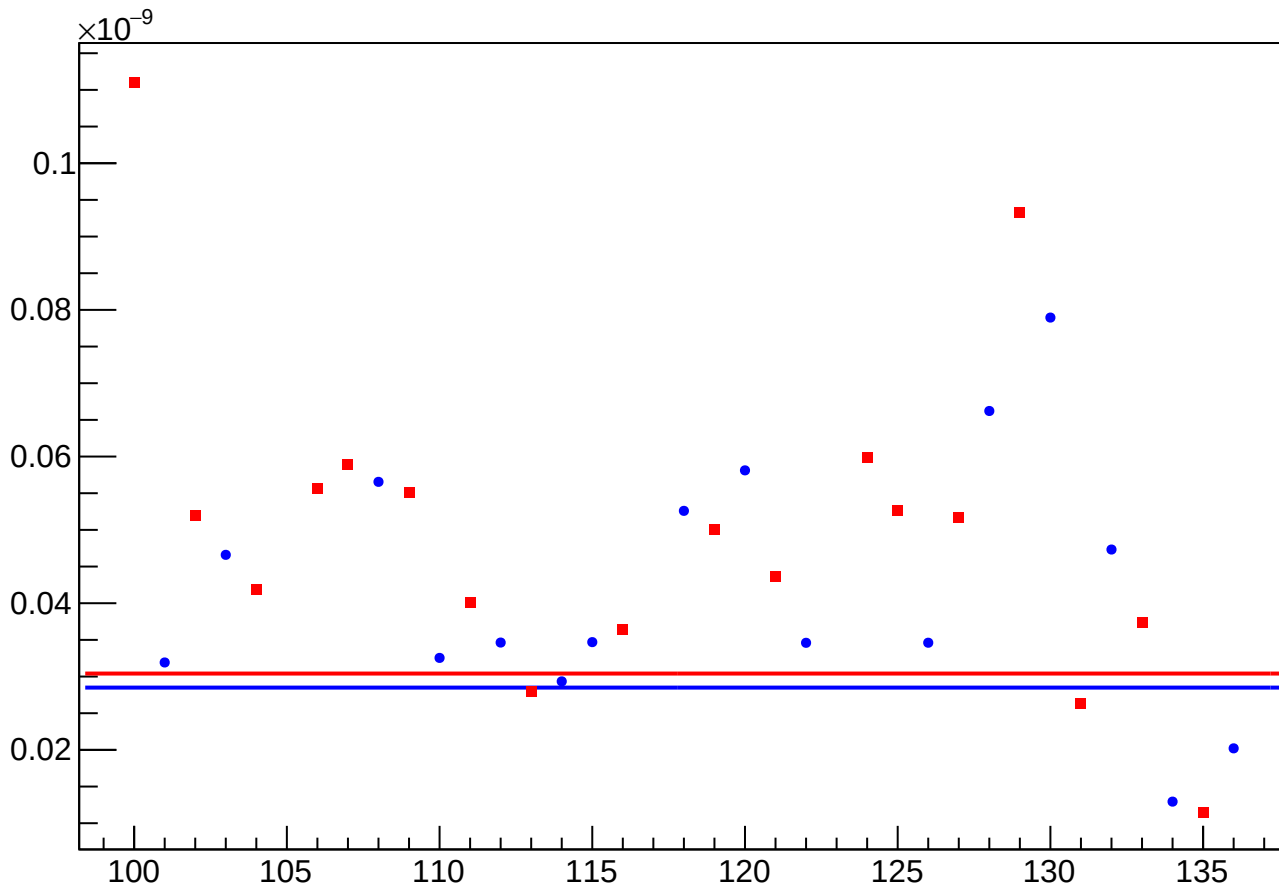
Right: 0.000+/-0.000 χ^2/NDF : 25.5/33

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 : 25.5/33

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 : 1571245.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

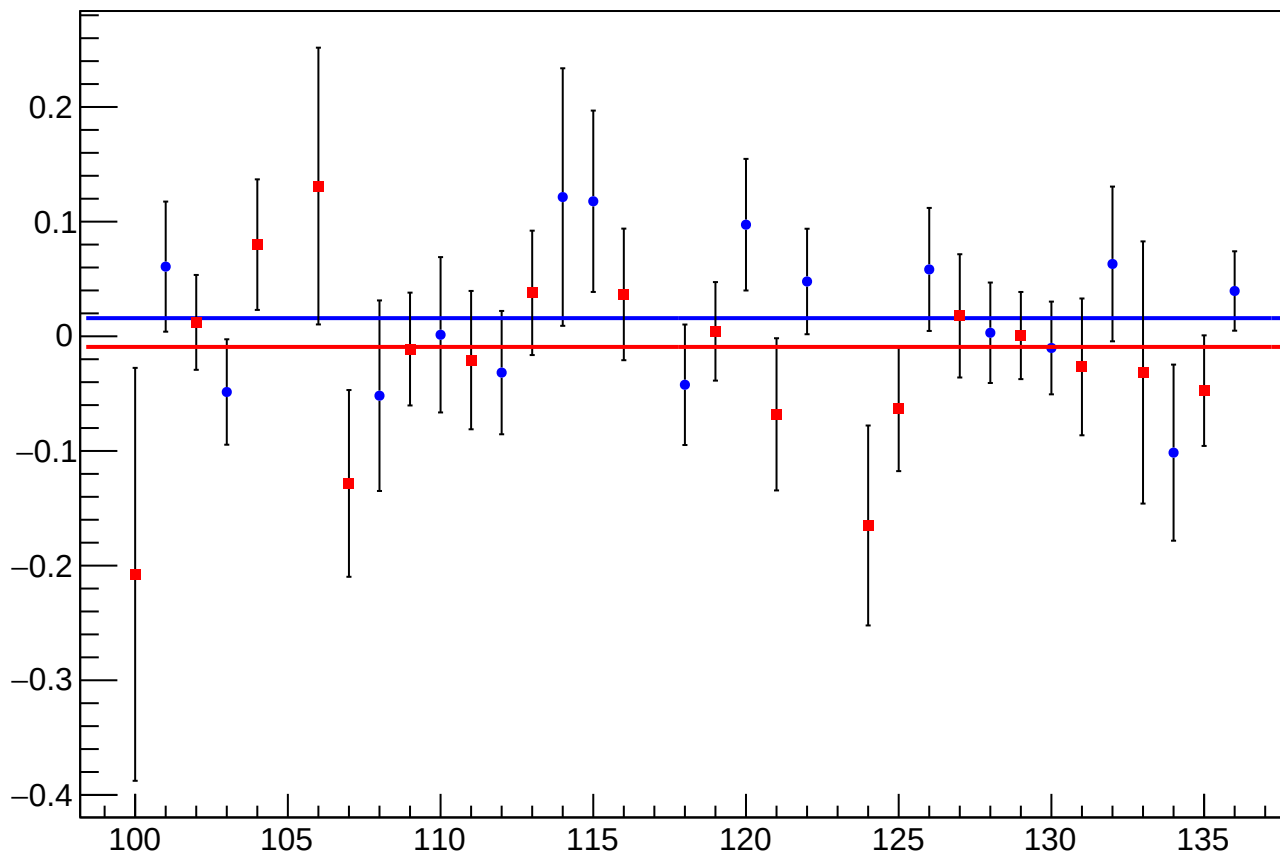
Right: 0.000+/-0.000 χ^2/NDF : 2733786.8/33

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 : 2733786.8/33

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.013 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

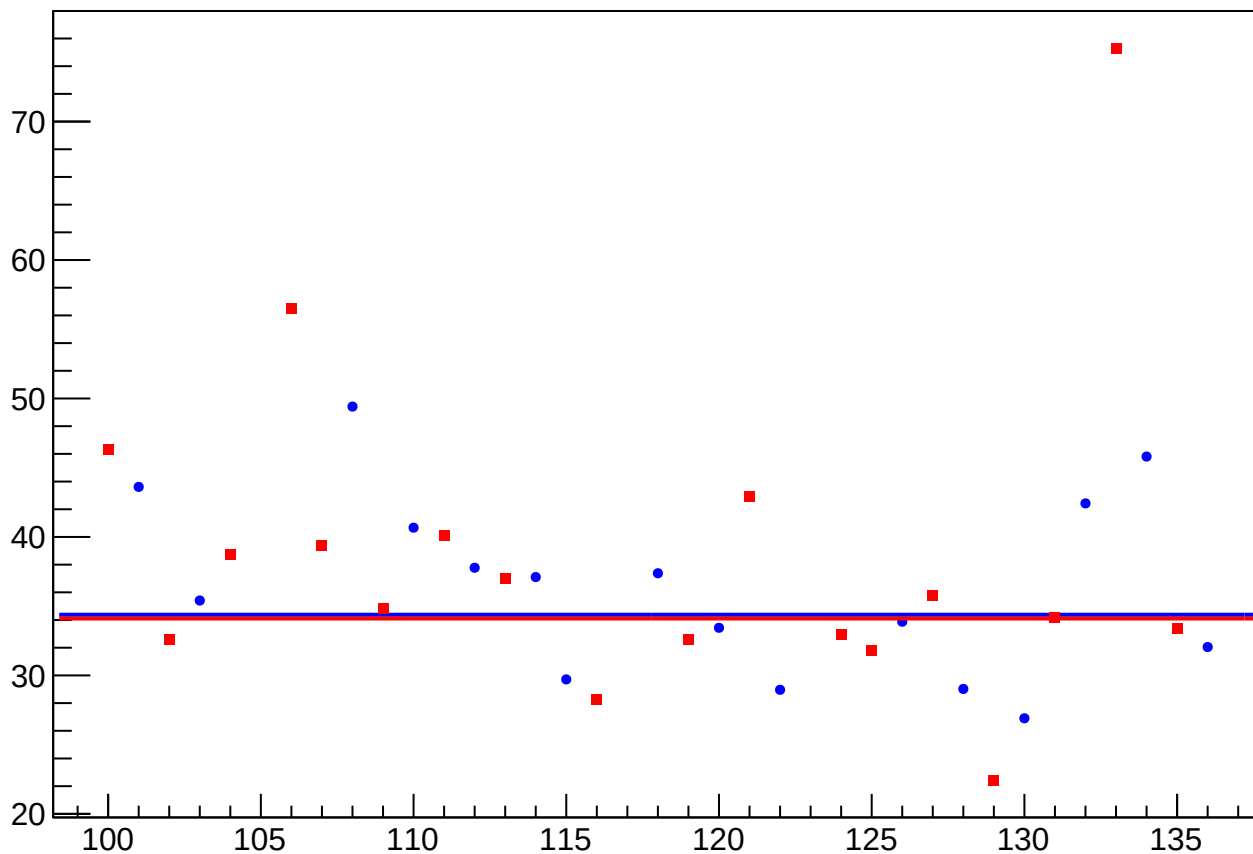
Right: 0.003+/-0.009 χ^2/NDF : 31.5/33

In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.009 χ^2/NDF : 31.5/33

asym_sam_12345678_avg_dit_vs_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: 34.109+/-0.010 χ^2/NDF : 641444.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

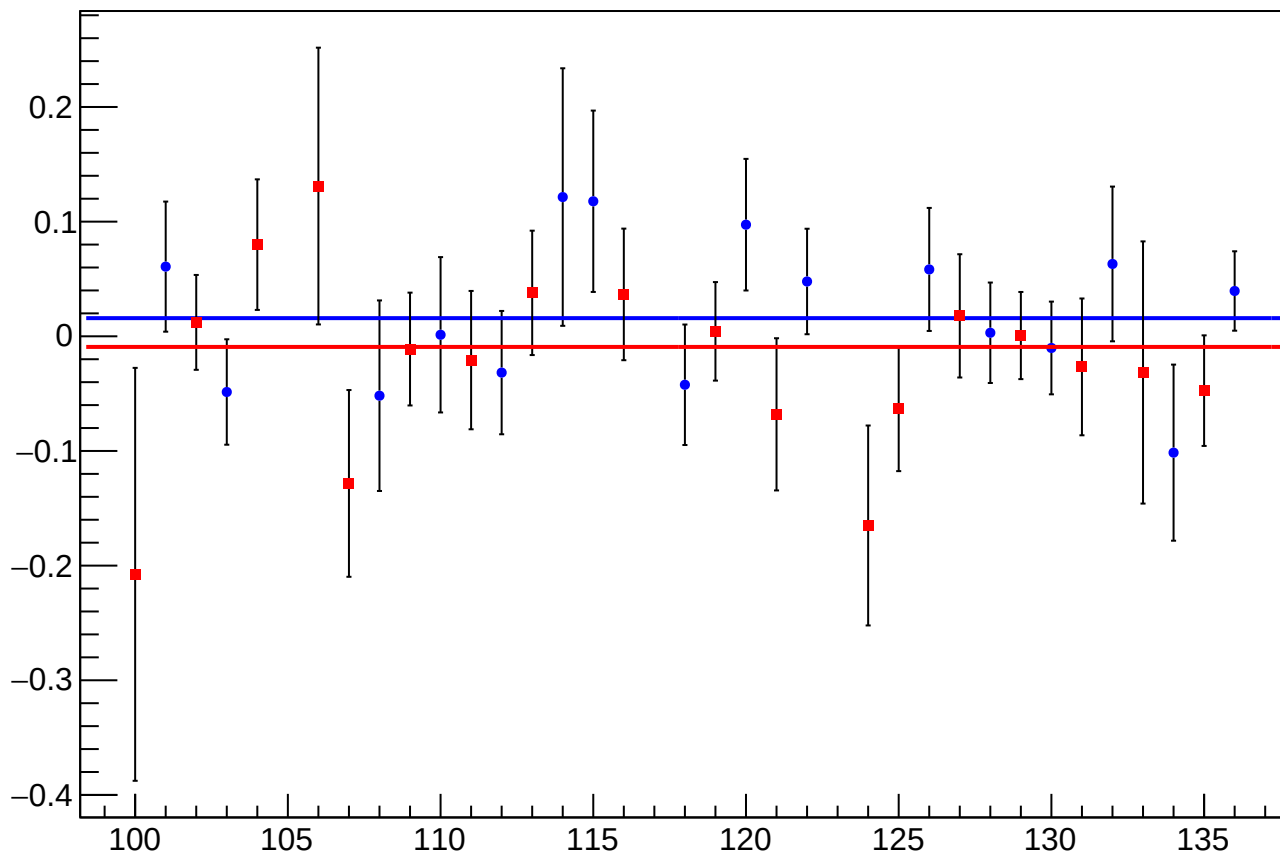
Right: 34.246+/-0.007 χ^2/NDF : 1009741.3/33

In: 34.382+/-0.009 χ^2/NDF :367883.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.246+/-0.007 χ^2/NDF : 1009741.3/33

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.013 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

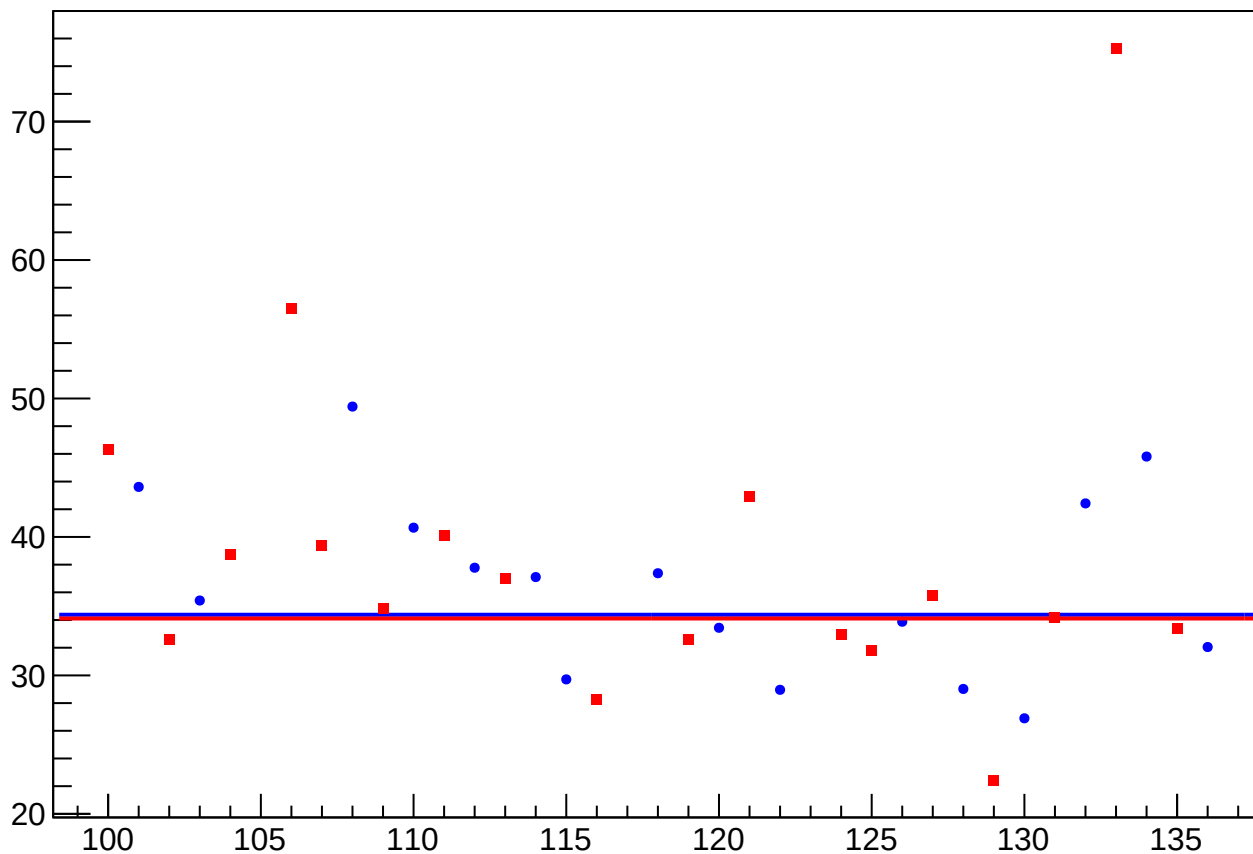
Right: 0.003+/-0.009 χ^2/NDF : 31.5/33

In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.009 χ^2/NDF : 31.5/33

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: 34.109+/-0.010 χ^2/NDF : 641444.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

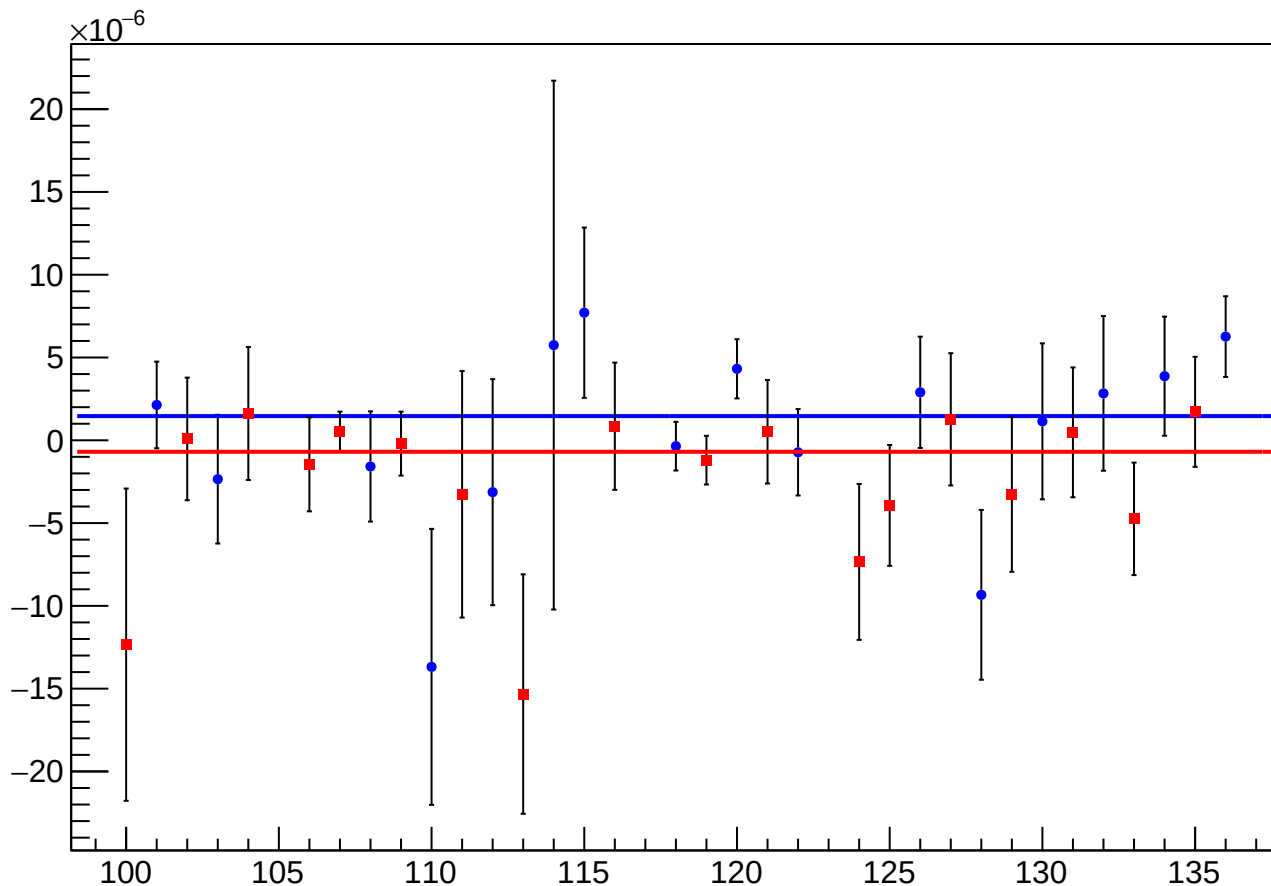
Right: 34.246+/-0.007 χ^2/NDF : 1009741.3/33

In: 34.382+/-0.009 χ^2/NDF : 367883.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.246+/-0.007 χ^2/NDF : 1009741.3/33

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 : 13.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

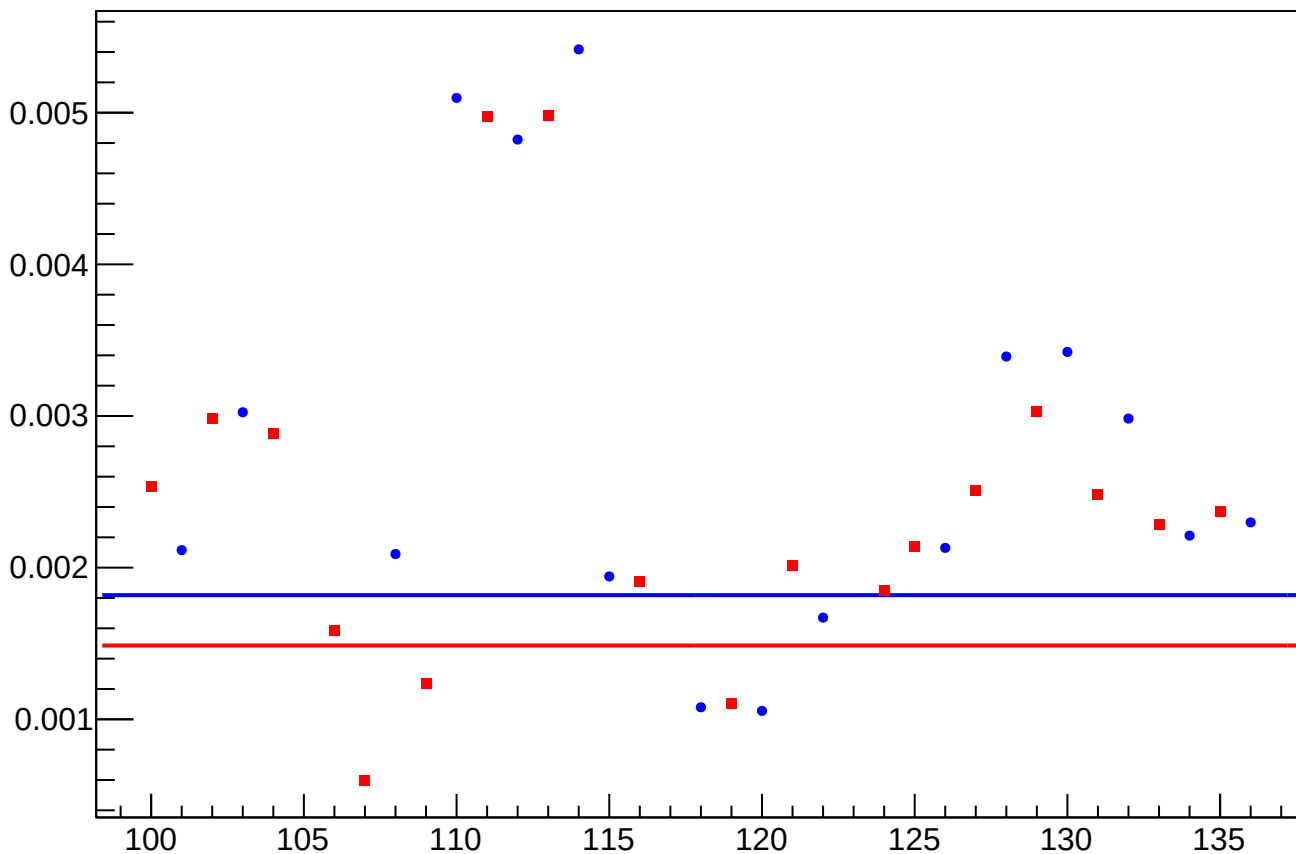
Right: 0.000+/-0.000 χ^2/NDF : 38.7/33

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 : 38.7/33

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 : 3634596.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

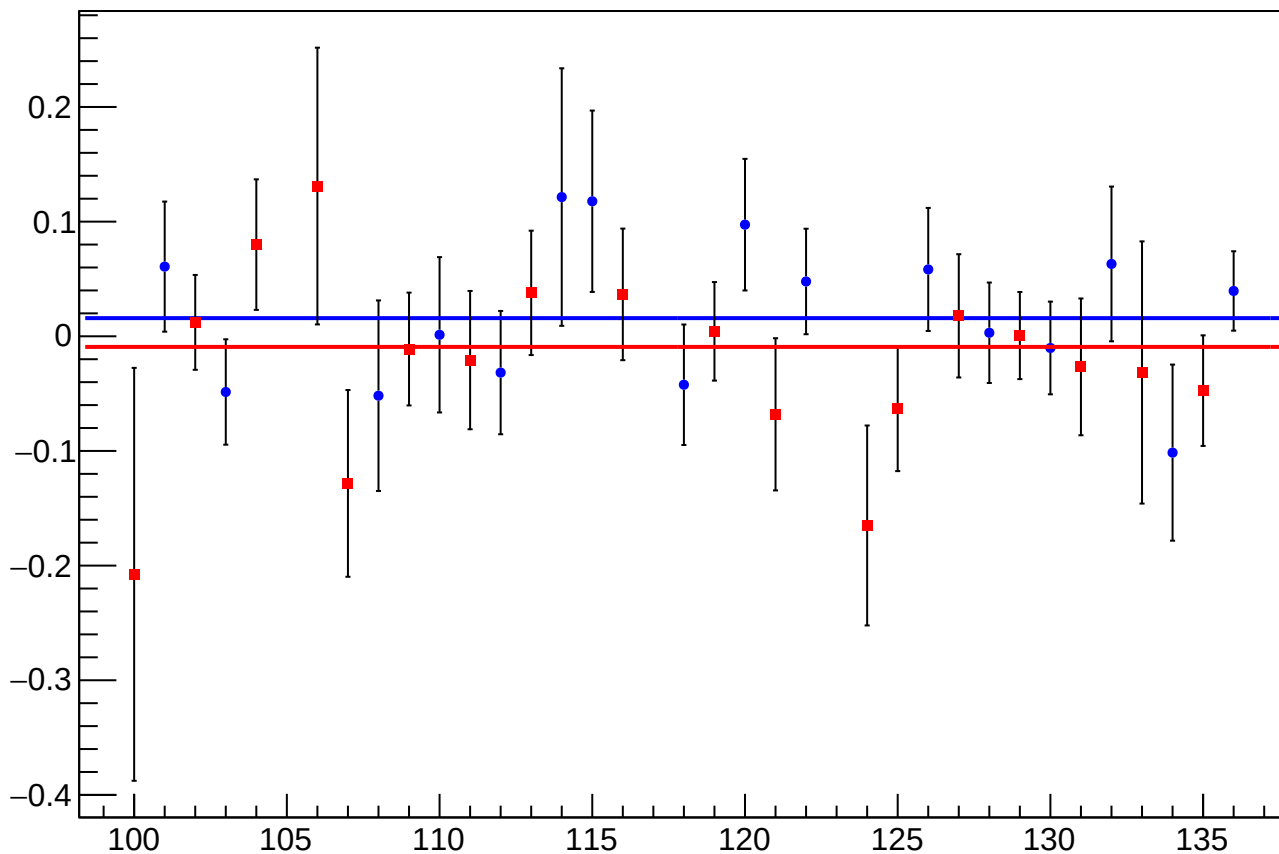
Right: 0.002+/-0.000 χ^2/NDF : 6427555.2/33

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 : 6427555.2/33

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug, Sign Corrected



Right In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.009+/-0.013 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

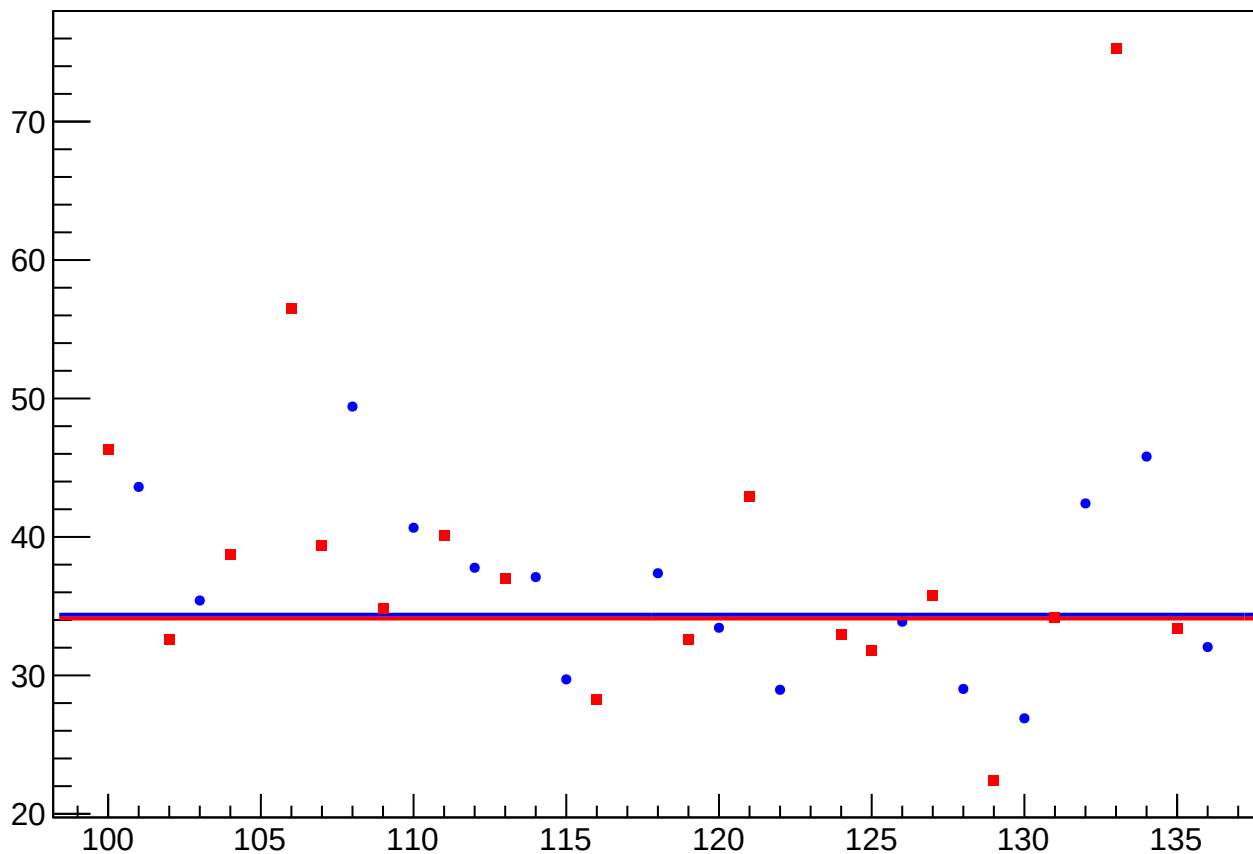
Right: 0.003+/-0.009 χ^2/NDF : 31.5/33

In: 0.016+/-0.013 χ^2/NDF : 14.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.009 χ^2/NDF : 31.5/33

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: 34.109+/-0.010 χ^2/NDF : 641489.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

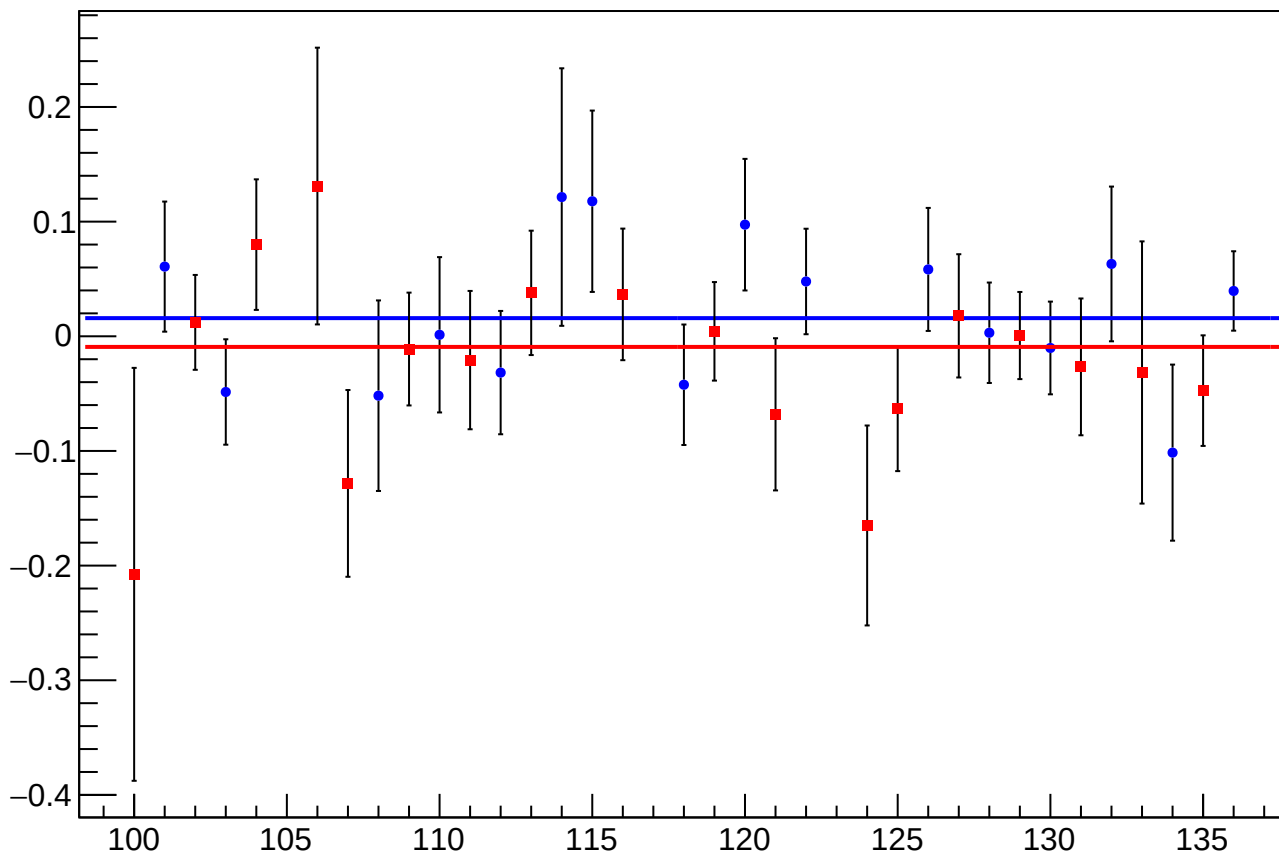
Right: 34.245+/-0.007 χ^2/NDF : 1009842.4/33

In: 34.381+/-0.009 χ^2/NDF :367940.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 34.245+/-0.007 χ^2/NDF : 1009842.4/33

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: -0.009 $\pm$ 0.013 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

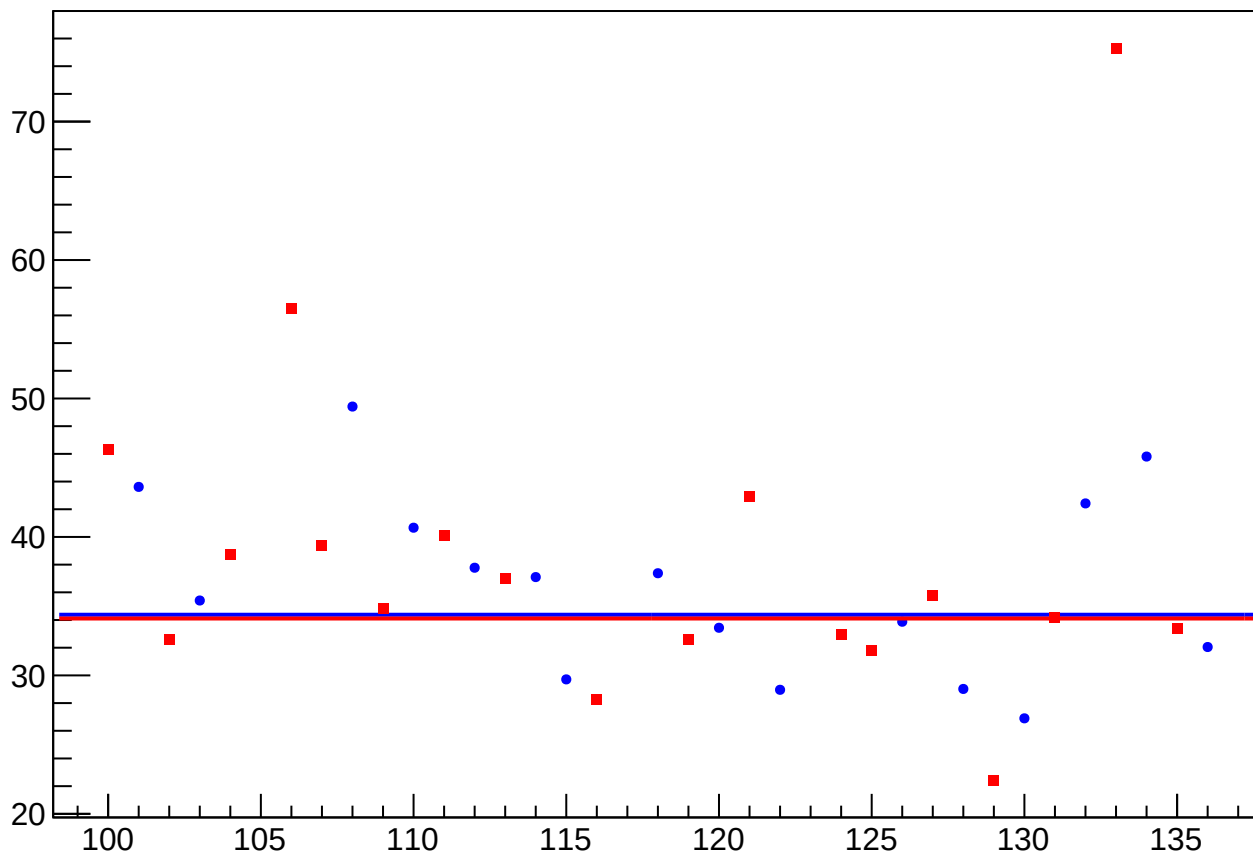
Right: 0.003 $\pm$ 0.009 χ^2 /NDF: 31.5/33

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: 31.5/33

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: 34.109+/-0.010 χ^2/NDF : 641489.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

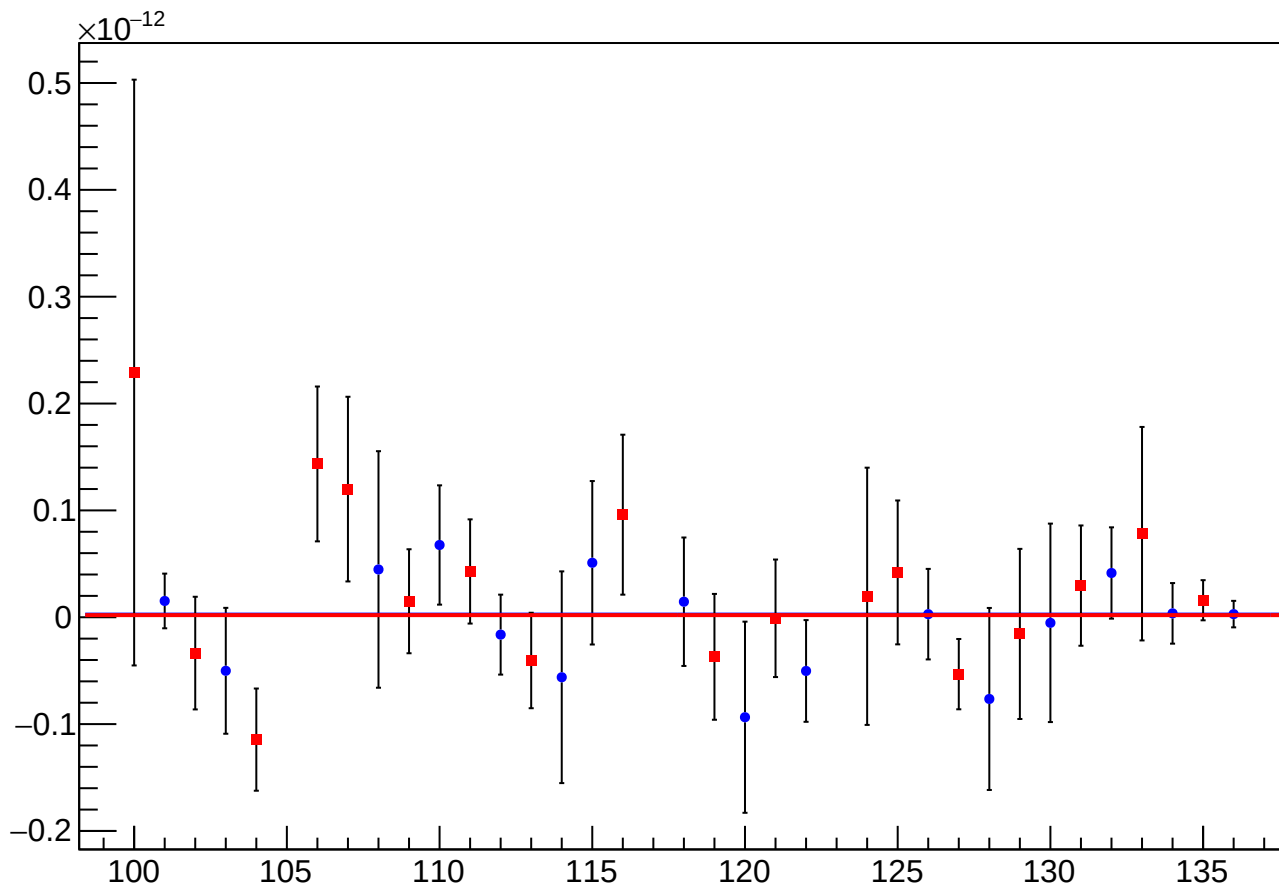
Right: 34.245+/-0.007 χ^2/NDF : 1009842.4/33

In: 34.381+/-0.009 χ^2/NDF : 367940.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.245+/-0.007 χ^2/NDF : 1009842.4/33

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 : 21.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

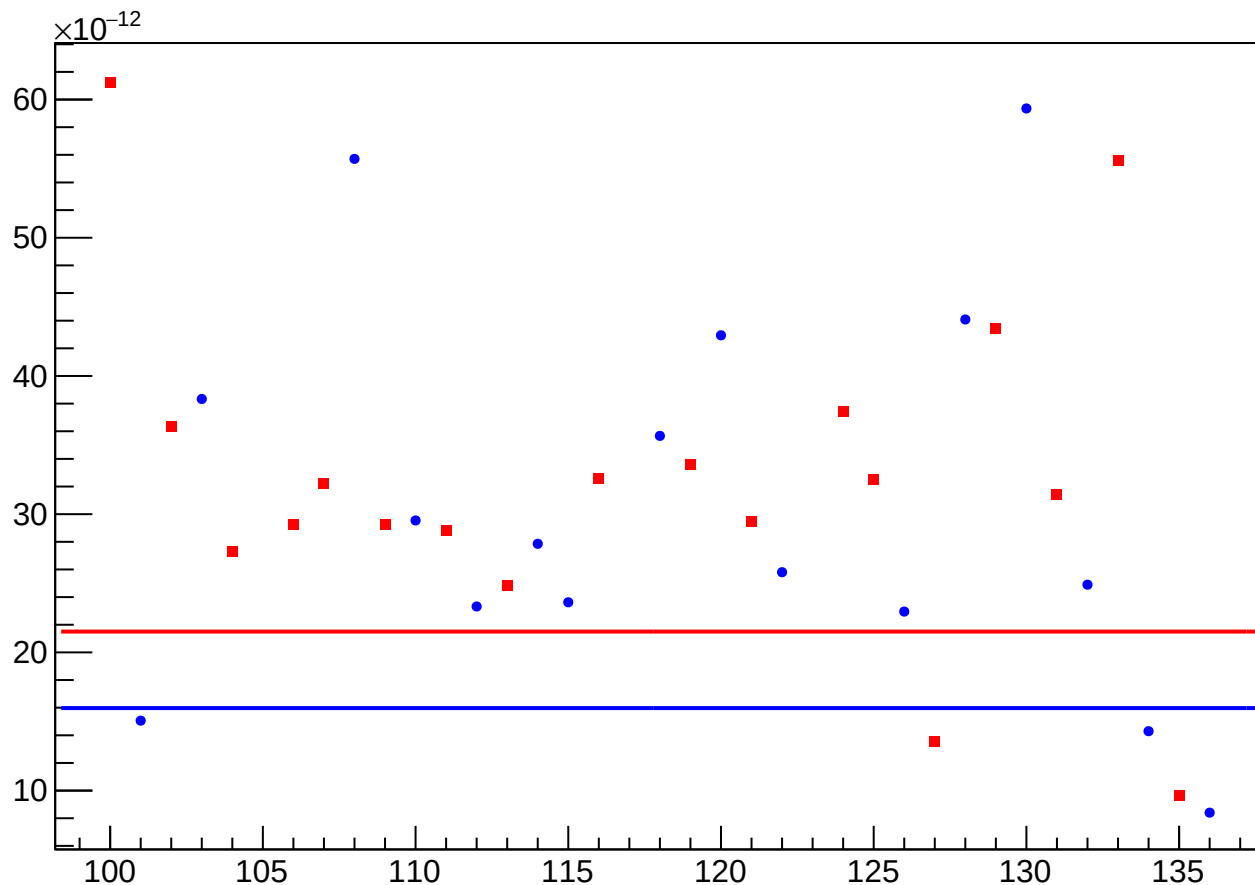
Right: 0.000+/-0.000 χ^2/NDF : 28.7/33

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 : 28.7/33

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 : 2011463.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

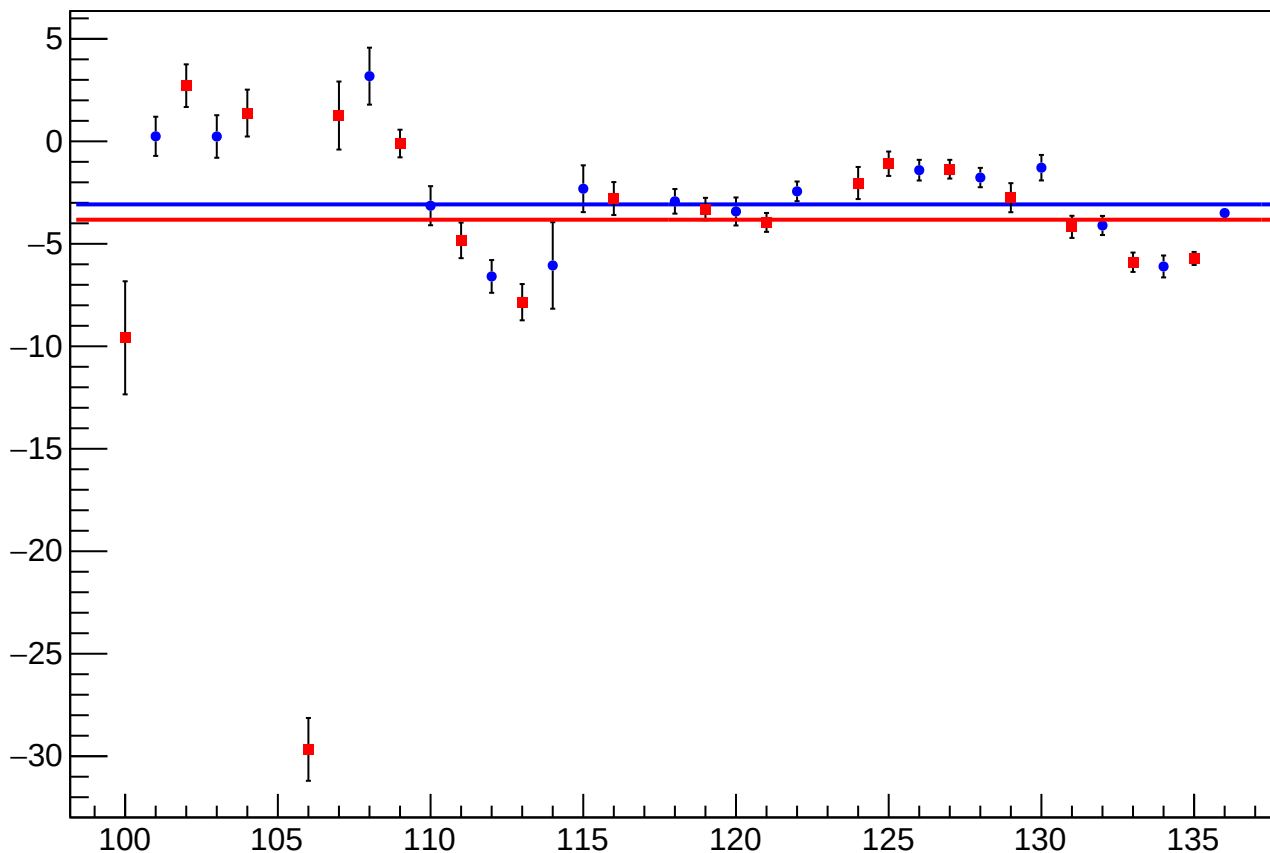
Right: 0.000+/-0.000 χ^2/NDF : 5136114.9/33

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 : 5136114.9/33

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: -3.824 ± 0.147 χ^2/NDF : 525.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

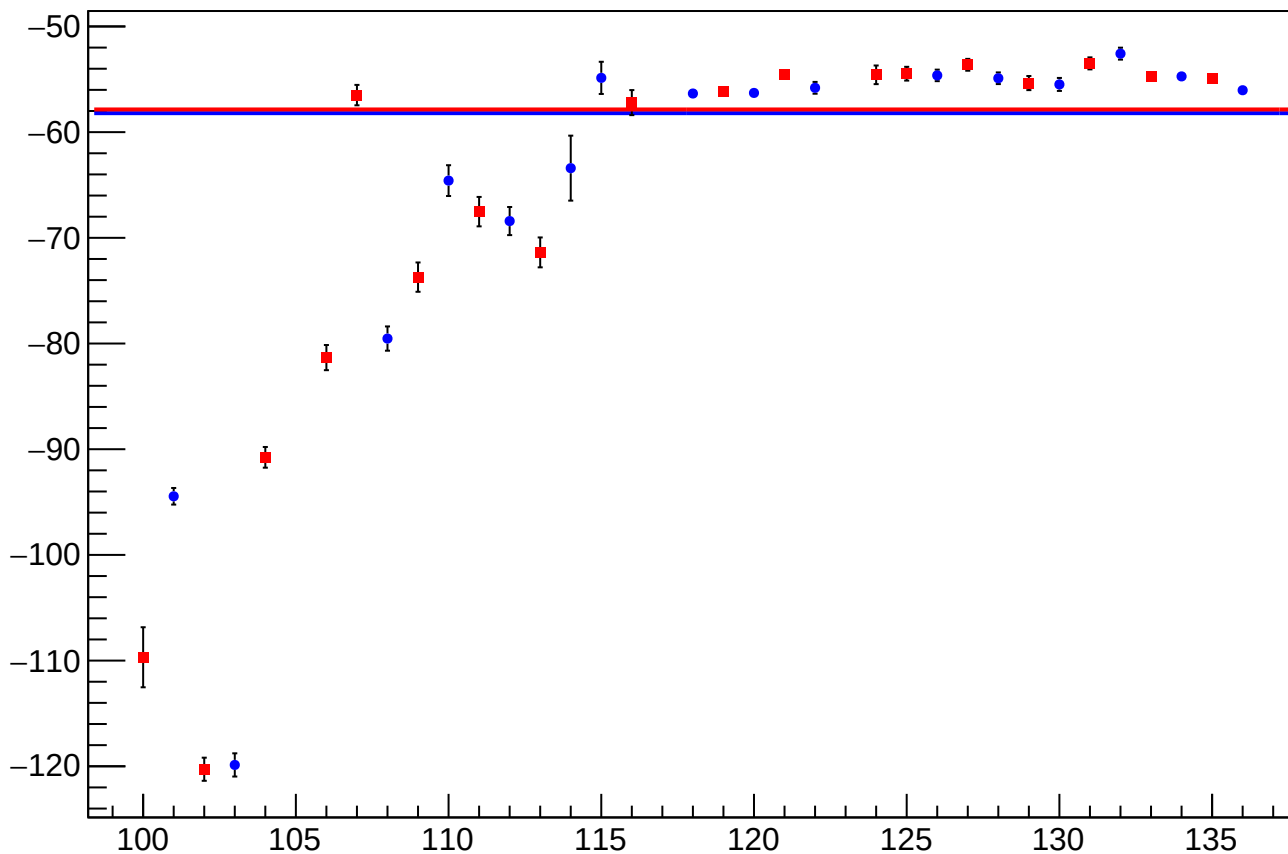
Right: -3.418 ± 0.100 χ^2/NDF : 673.6/33

In: -3.077 ± 0.135 χ^2/NDF : 133.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.418 ± 0.100 χ^2/NDF : 673.6/33

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: -57.854+/-0.143 χ^2/NDF : 5790.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

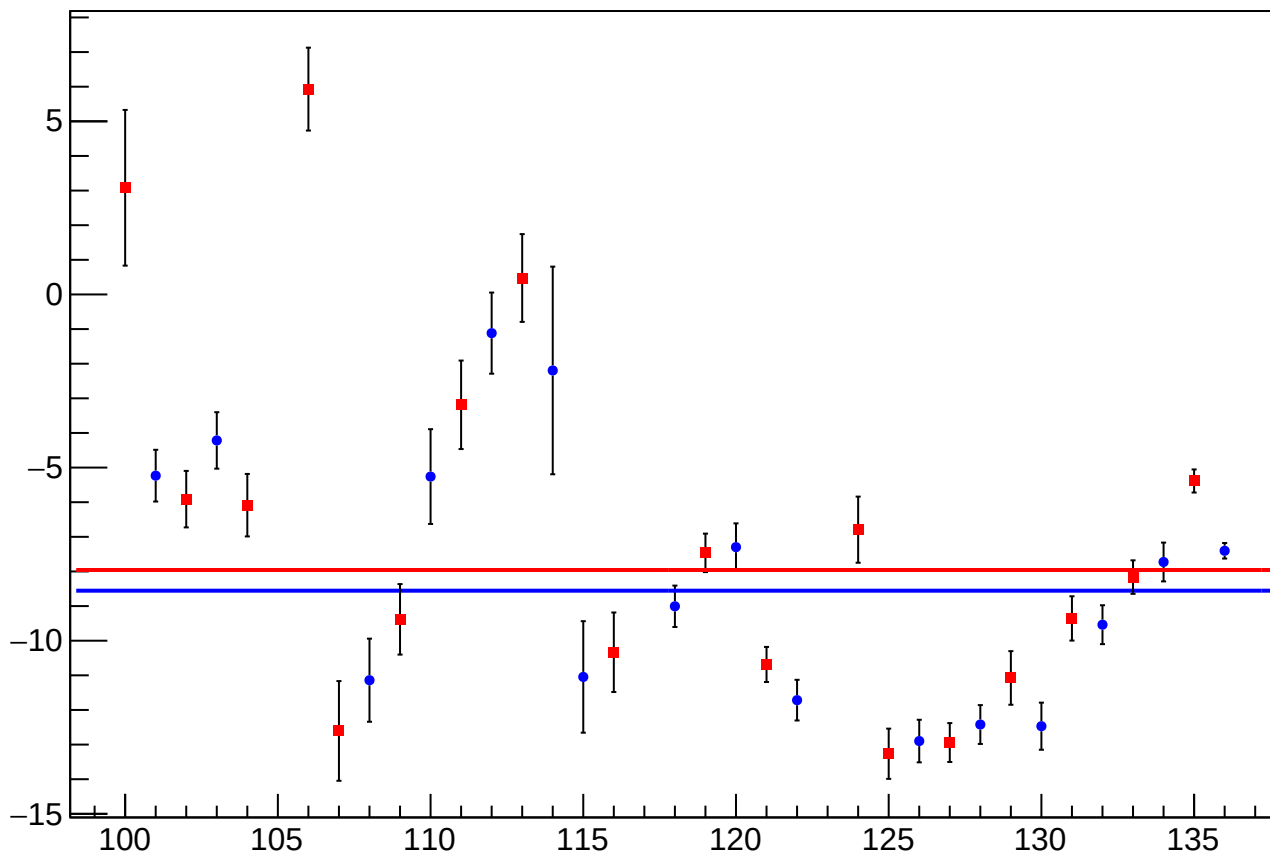
Right: -58.039+/-0.099 χ^2/NDF : 11921.0/33

In: -58.204+/-0.136 χ^2/NDF :6126.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -58.039+/-0.099 χ^2/NDF : 11921.0/33

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: -7.958+/-0.163 χ^2/NDF : 488.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

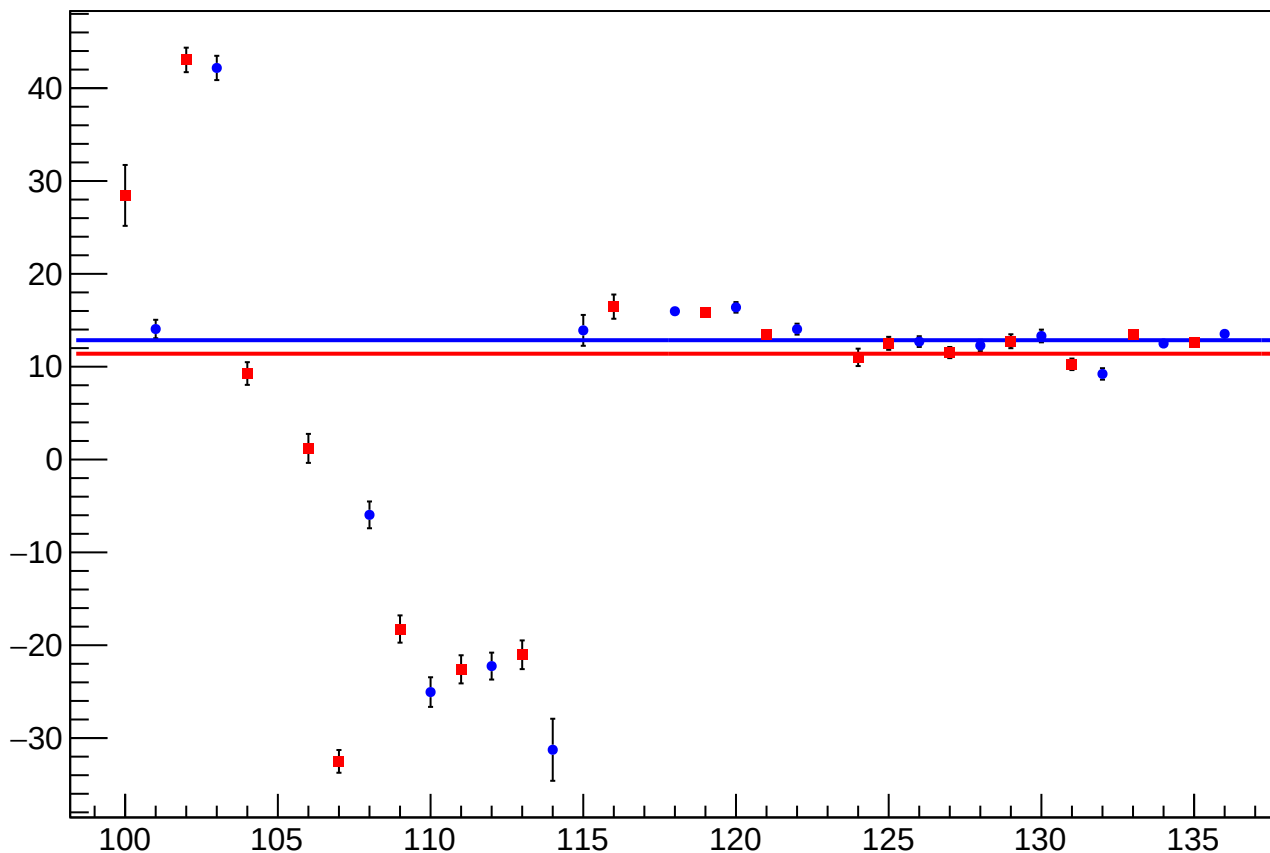
Right: -8.291+/-0.108 χ^2/NDF : 796.7/33

In: -8.555+/-0.145 χ^2/NDF :300.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -8.291+/-0.108 χ^2/NDF : 796.7/33

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: 11.398+/-0.162 χ^2/NDF : 3457.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

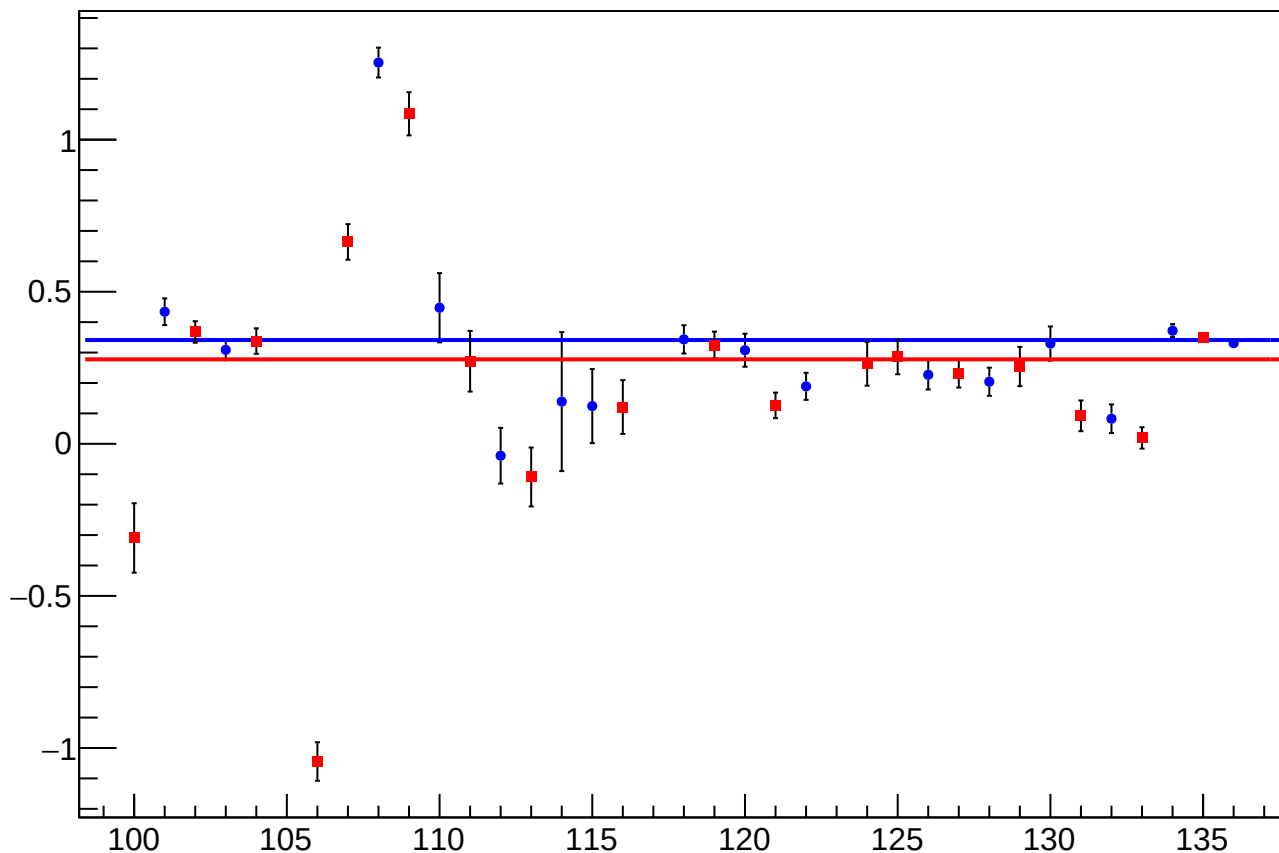
Right: 12.180+/-0.110 χ^2/NDF : 5629.4/33

In: 12.853+/-0.150 χ^2/NDF : 2128.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.180+/-0.110 χ^2/NDF : 5629.4/33

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: 0.278 $\pm$ 0.009 χ^2 /NDF: 776.5/17

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

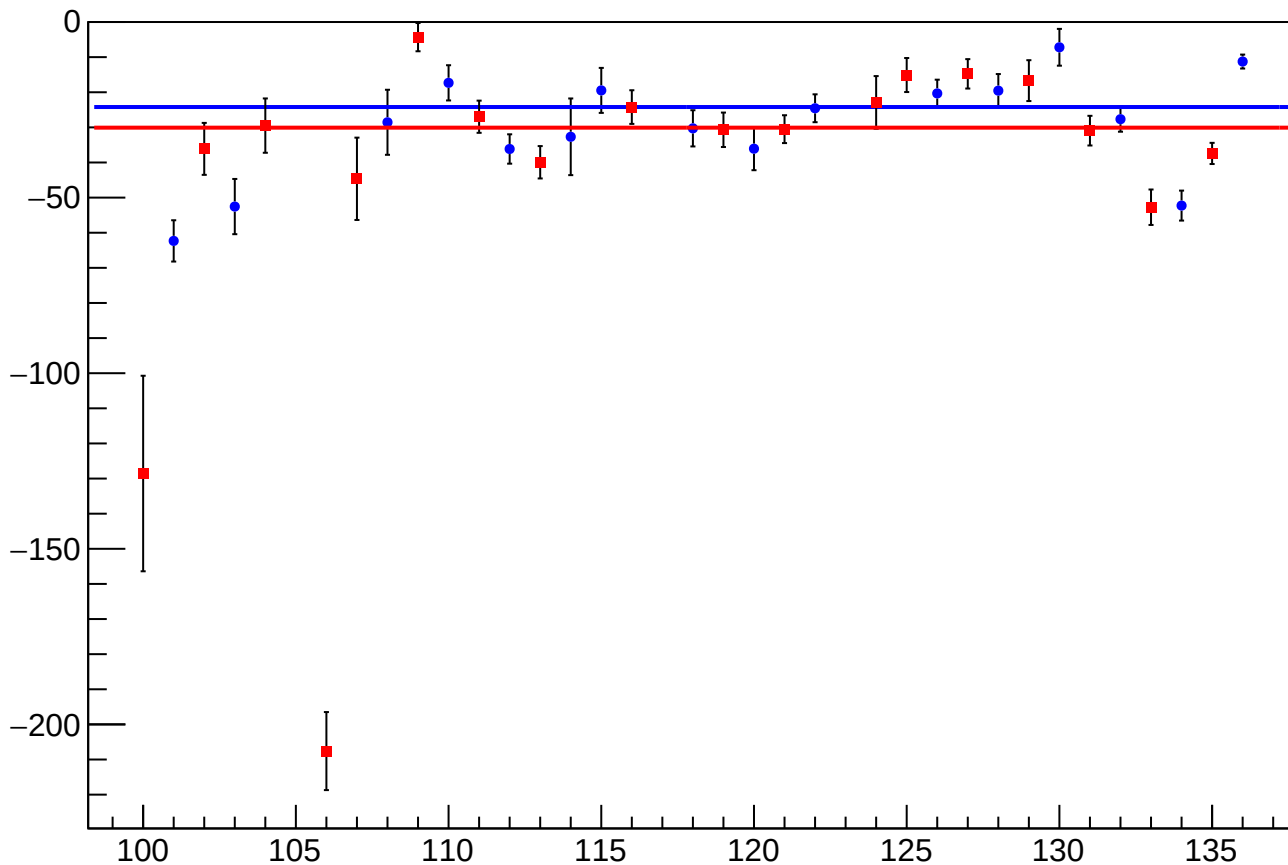
Right: 0.314 $\pm$ 0.006 χ^2 /NDF: 1238.9/33

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: 0.314 $\pm$ 0.006 χ^2 /NDF: 1238.9/33

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: -30.082 ± 1.187 χ^2/NDF : 372.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

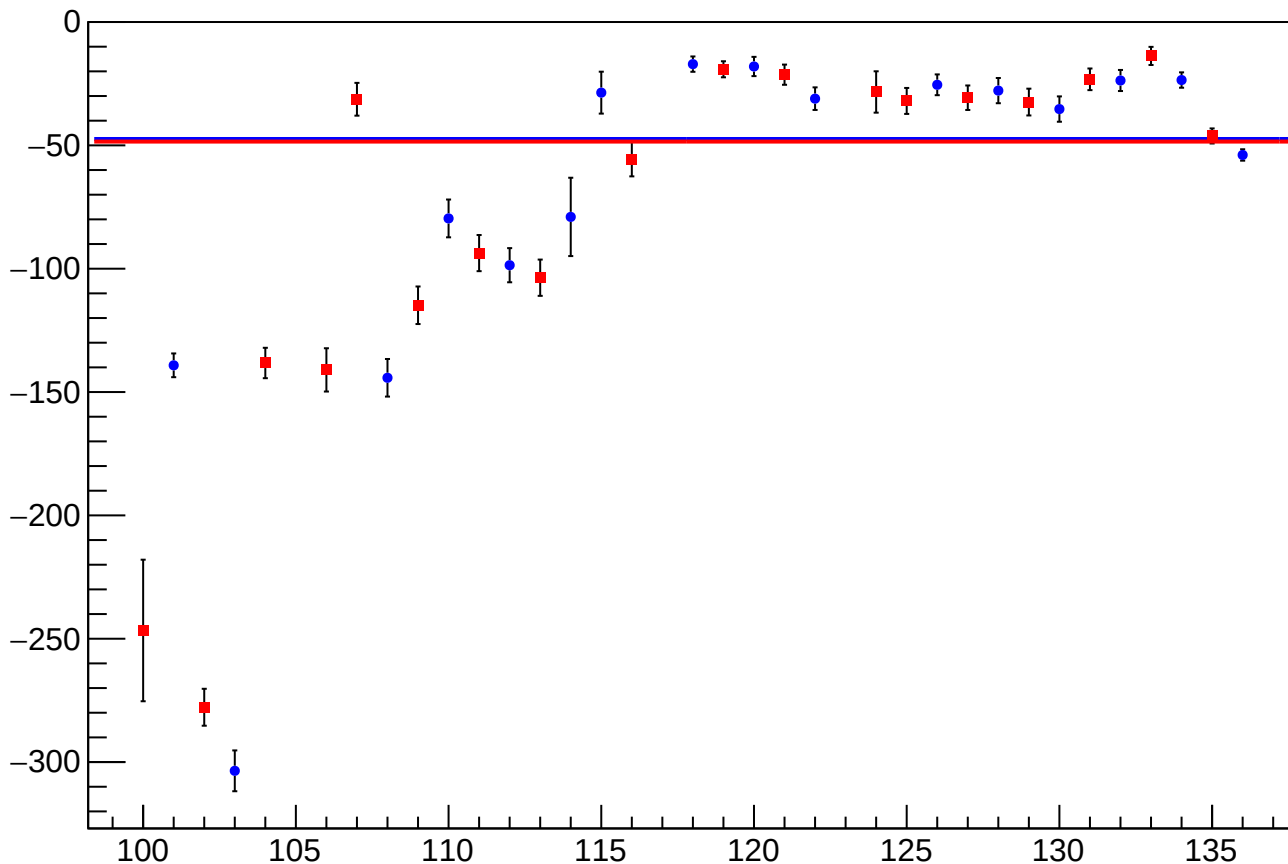
Right: -26.883 ± 0.802 χ^2/NDF : 557.0/33

In: -24.205 ± 1.086 χ^2/NDF : 170.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.883 ± 0.802 χ^2/NDF : 557.0/33

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: -48.468 ± 1.223 χ^2/NDF : 1773.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

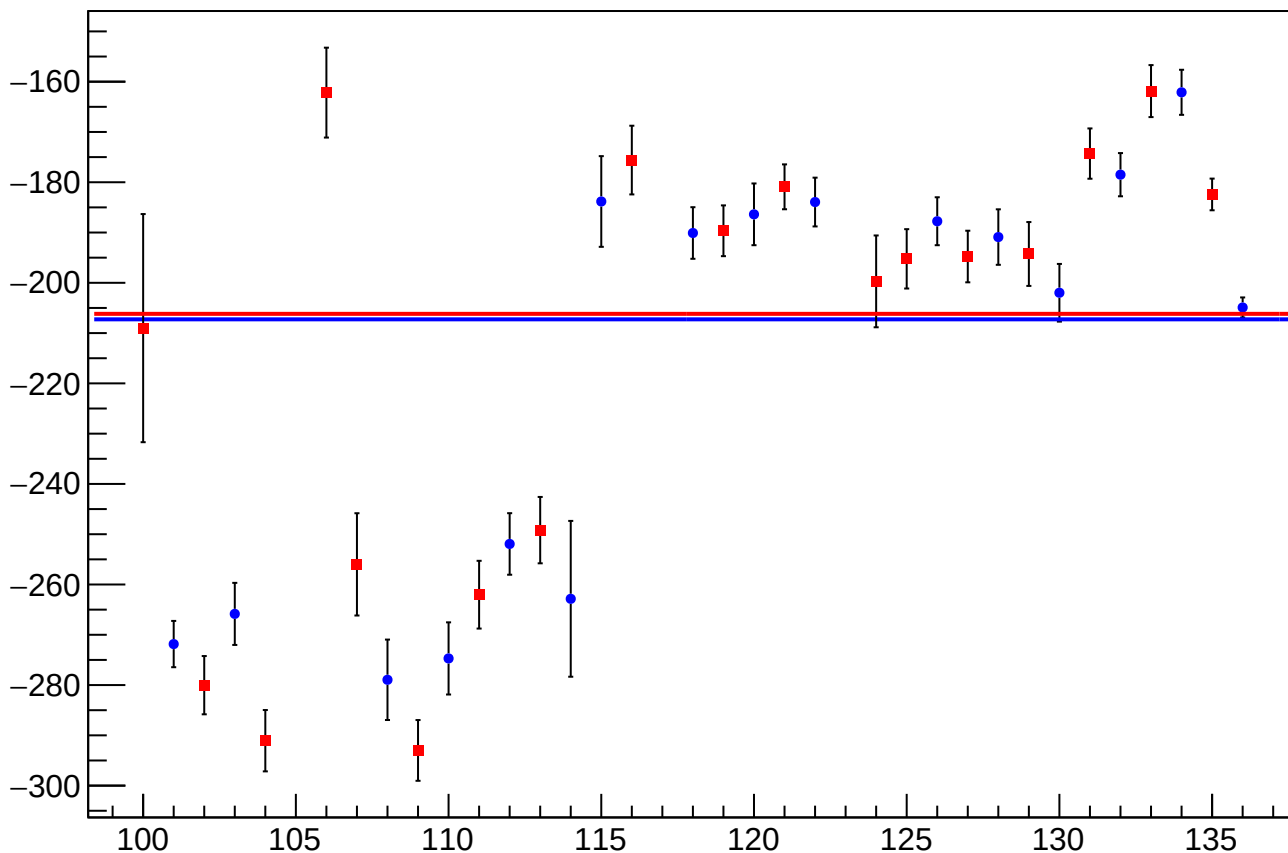
Right: -47.890 ± 0.818 χ^2/NDF : 3647.2/33

In: -47.421 ± 1.101 χ^2/NDF : 1873.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.890 ± 0.818 χ^2/NDF : 3647.2/33

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: -206.172+/-1.354 χ^2/NDF : 968.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

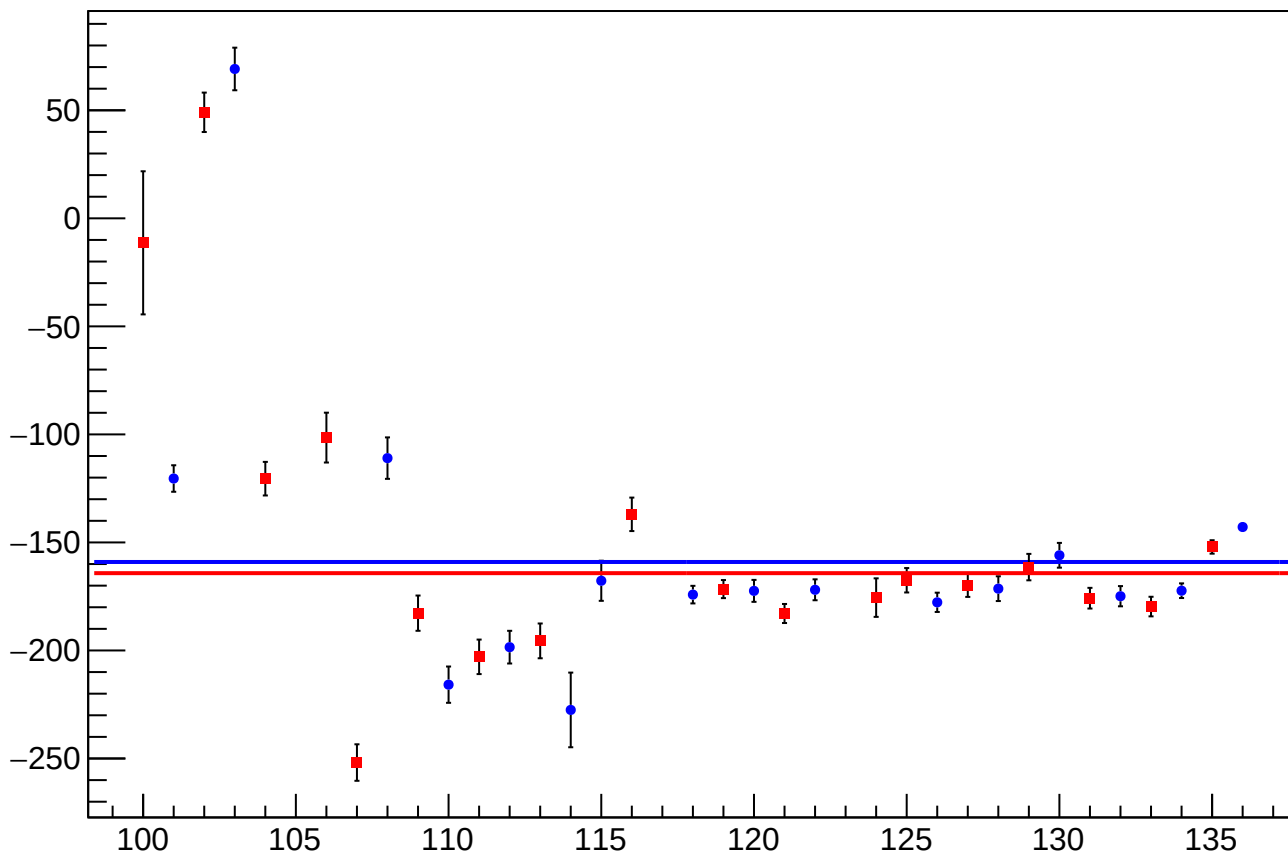
Right: -206.794+/-0.889 χ^2/NDF : 1717.0/33

In: -207.266+/-1.178 χ^2/NDF : 748.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.794+/-0.889 χ^2/NDF : 1717.0/33

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: -164.221 ± 1.381 χ^2/NDF : 850.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

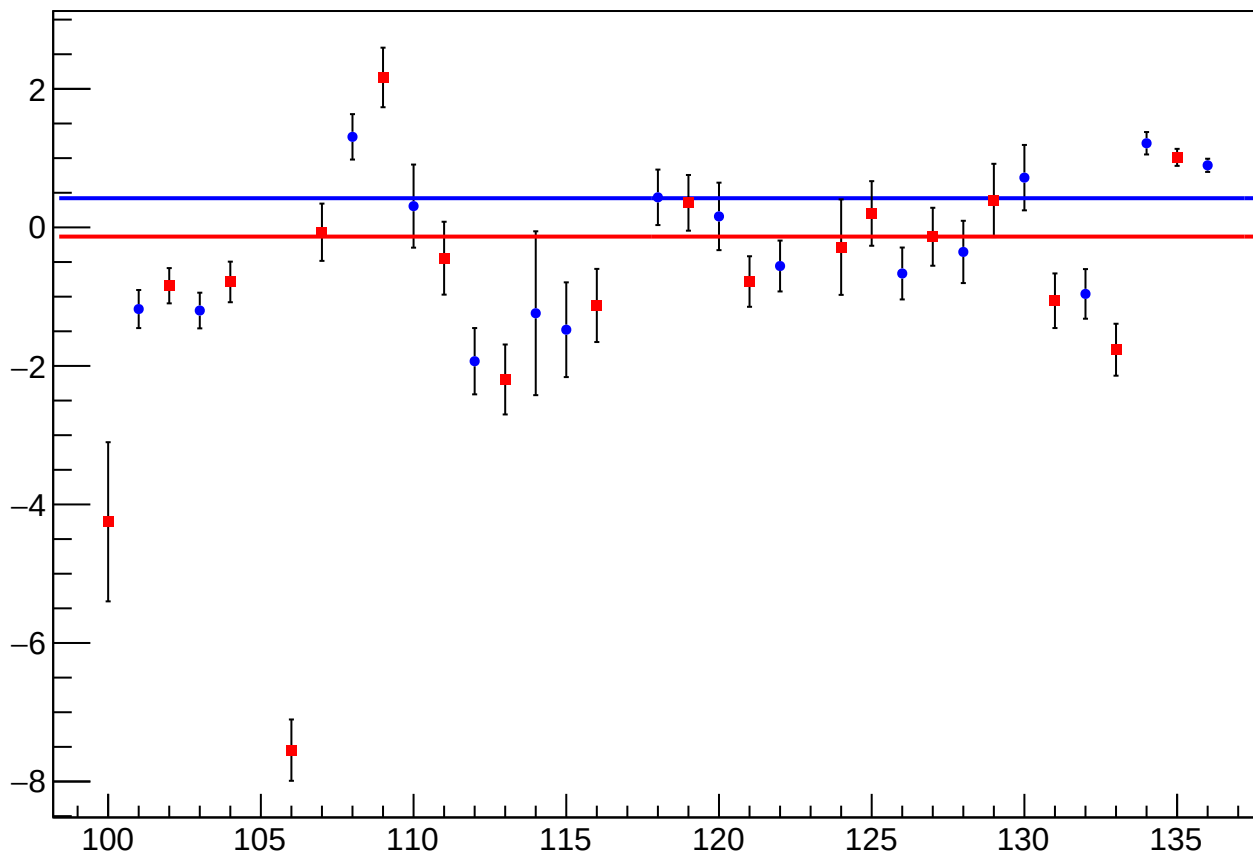
Right: -161.327 ± 0.917 χ^2/NDF : 1673.9/33

In: -159.048 ± 1.225 χ^2/NDF : 815.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -161.327 ± 0.917 χ^2/NDF : 1673.9/33

reg_asym_sam2_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.421 ± 0.065 χ^2/NDF : 197.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.133 ± 0.078 χ^2/NDF : 472.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

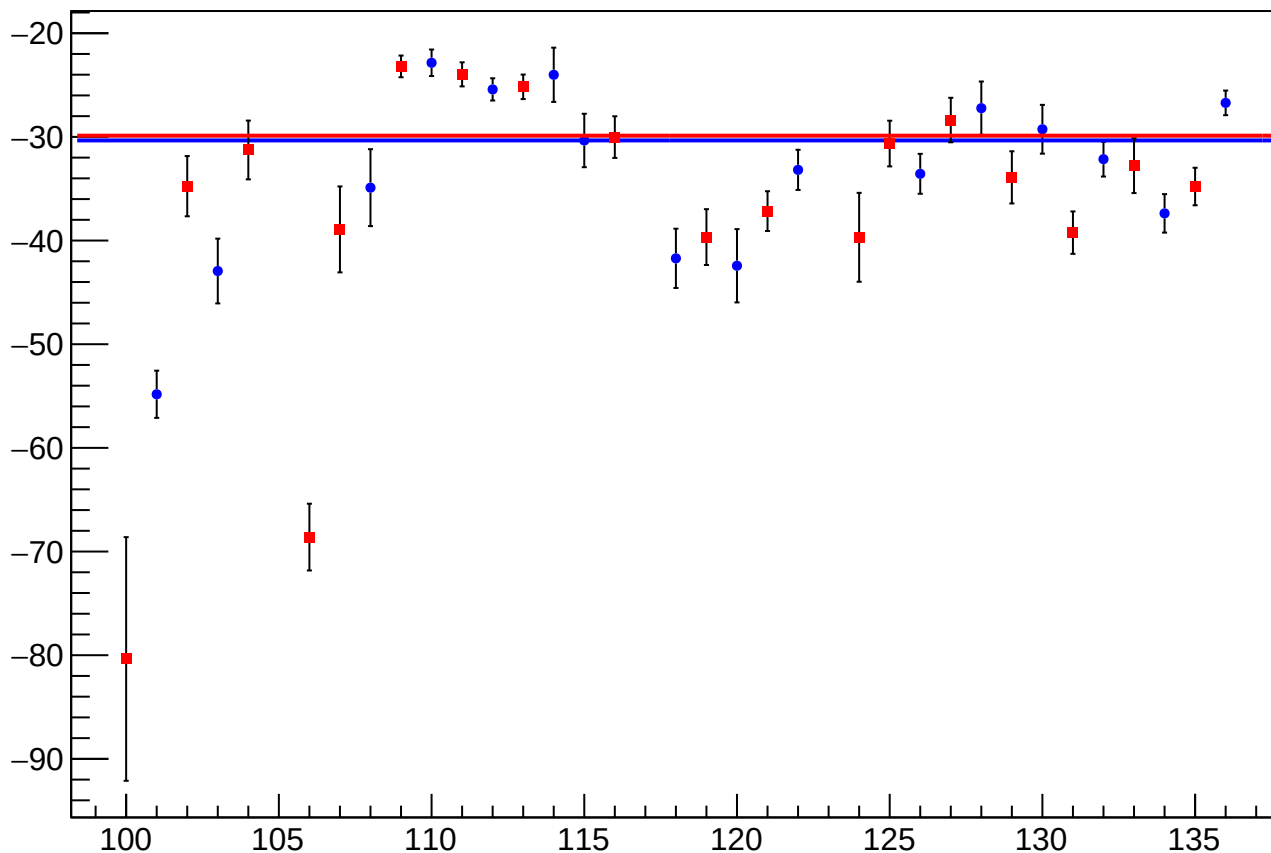
Right: 0.195 ± 0.050 χ^2/NDF : 700.2/33

In: 0.421 ± 0.065 χ^2/NDF : 197.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.195 ± 0.050 χ^2/NDF : 700.2/33

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: -29.883 ± 0.458 χ^2/NDF : 319.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

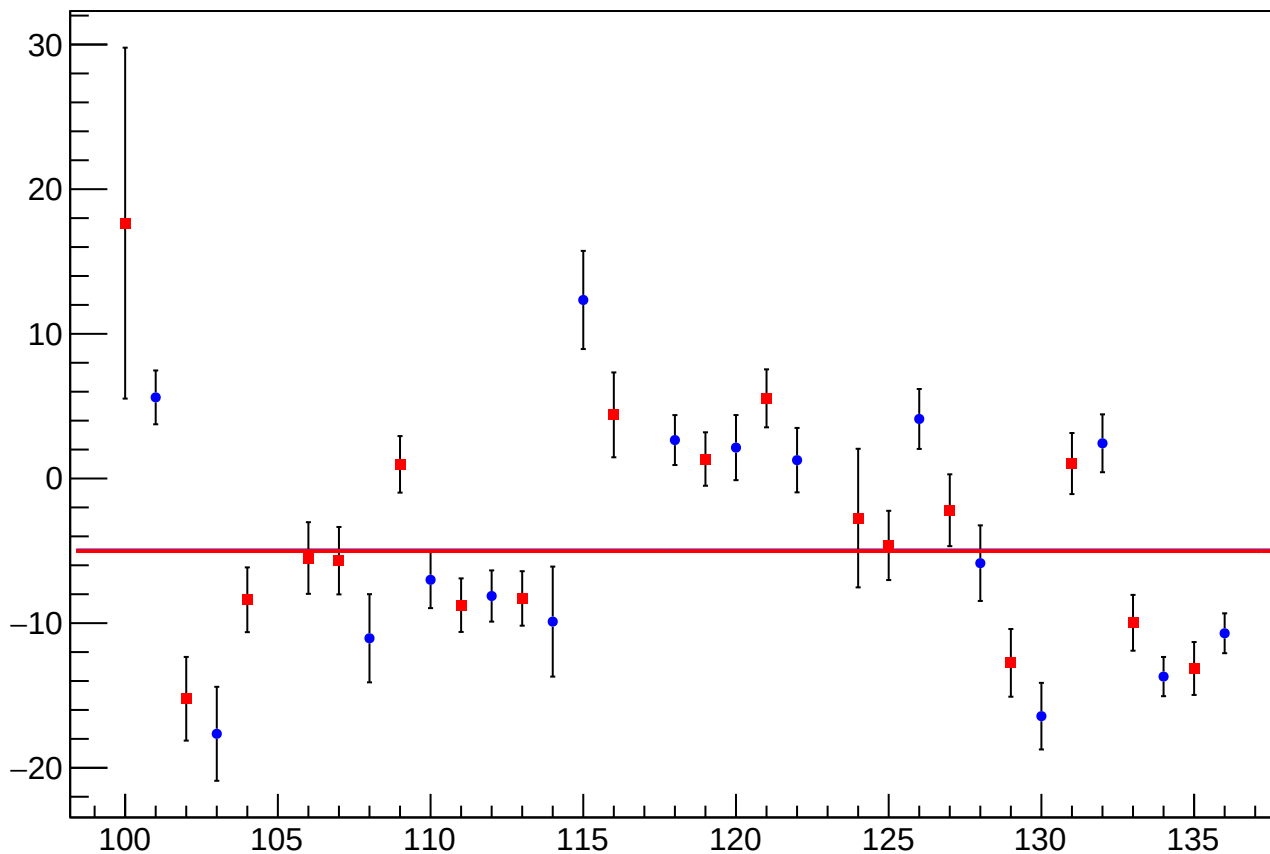
Right: -30.108 ± 0.327 χ^2/NDF : 573.2/33

In: -30.341 ± 0.468 χ^2/NDF : 253.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.108 ± 0.327 χ^2/NDF : 573.2/33

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: -5.013+/-0.533 χ^2/NDF : 131.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

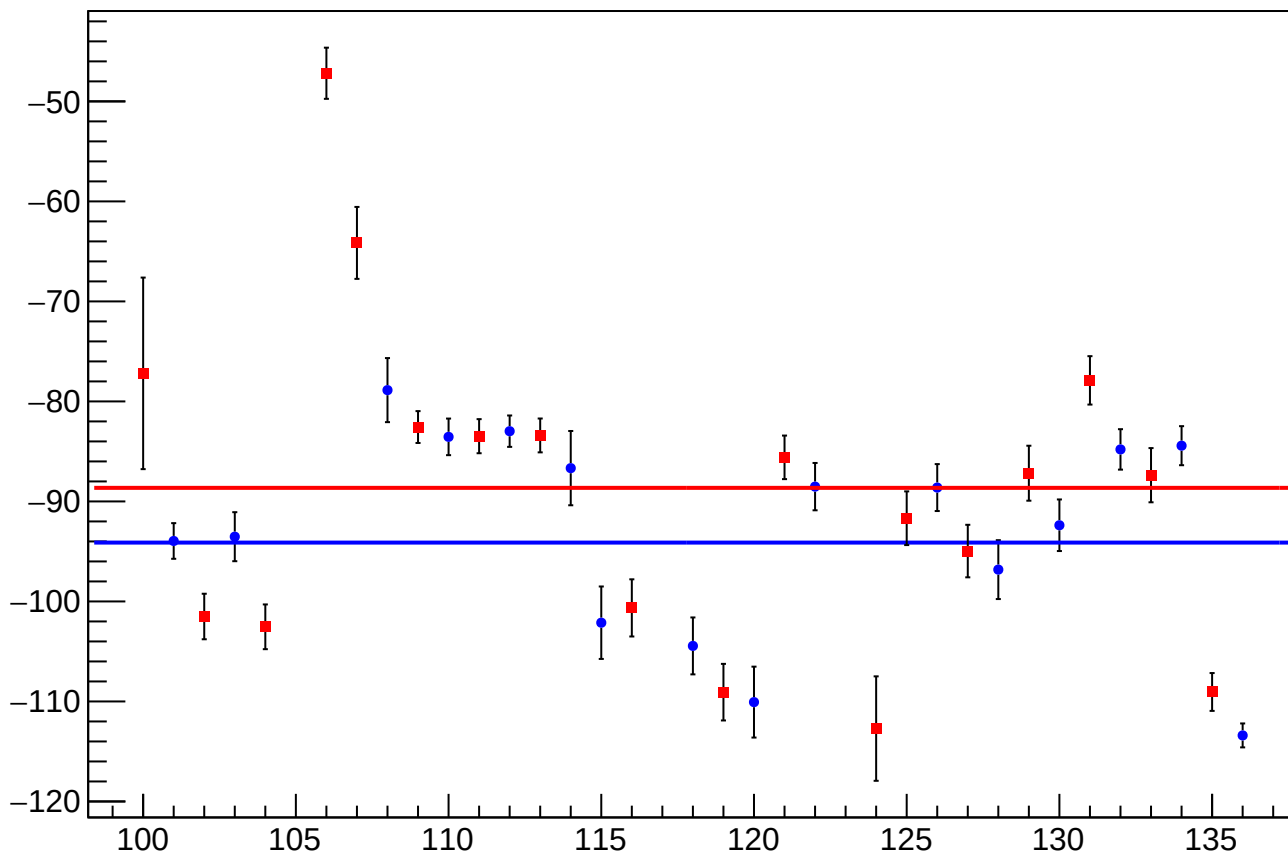
Right: -4.995+/-0.368 χ^2/NDF : 369.0/33

In: -4.980+/-0.510 χ^2/NDF : 237.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.995+/-0.368 χ^2/NDF : 369.0/33

reg_asym_sam3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -94.115 $\pm$ 0.537 χ^2 /NDF: 466.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -88.643 $\pm$ 0.557 χ^2 /NDF: 650.9/17

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

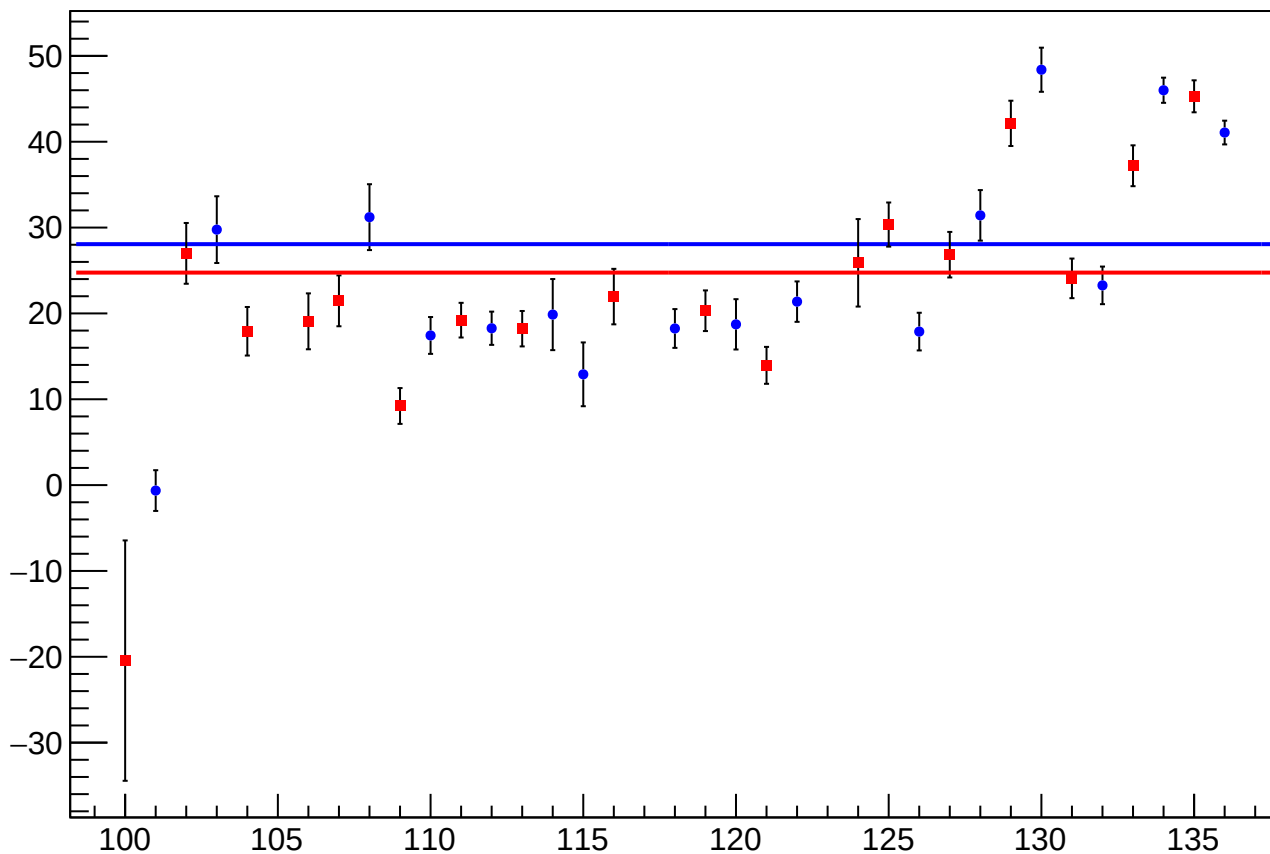
Right: -91.481 $\pm$ 0.387 χ^2 /NDF: 1167.7/33

In: -94.115 $\pm$ 0.537 χ^2 /NDF:466.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -91.481 $\pm$ 0.387 χ^2 /NDF: 1167.7/33

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: 24.755+/-0.603 χ^2 /NDF: 321.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

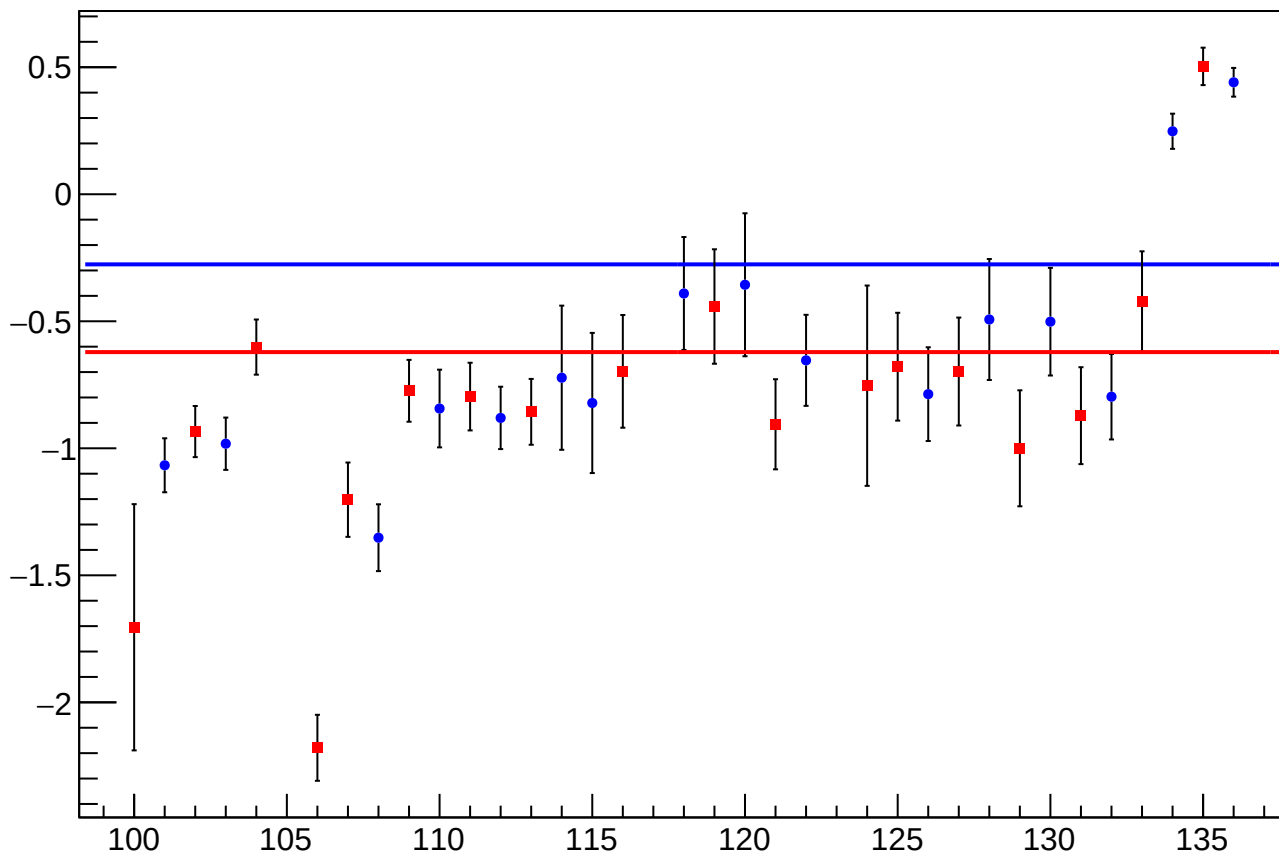
Right: 26.509+/-0.414 χ^2 /NDF: 920.2/33

In: 28.068+/-0.569 χ^2 /NDF:583.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 26.509+/-0.414 χ^2 /NDF: 920.2/33

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: -0.621 ± 0.034 χ^2/NDF : 423.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

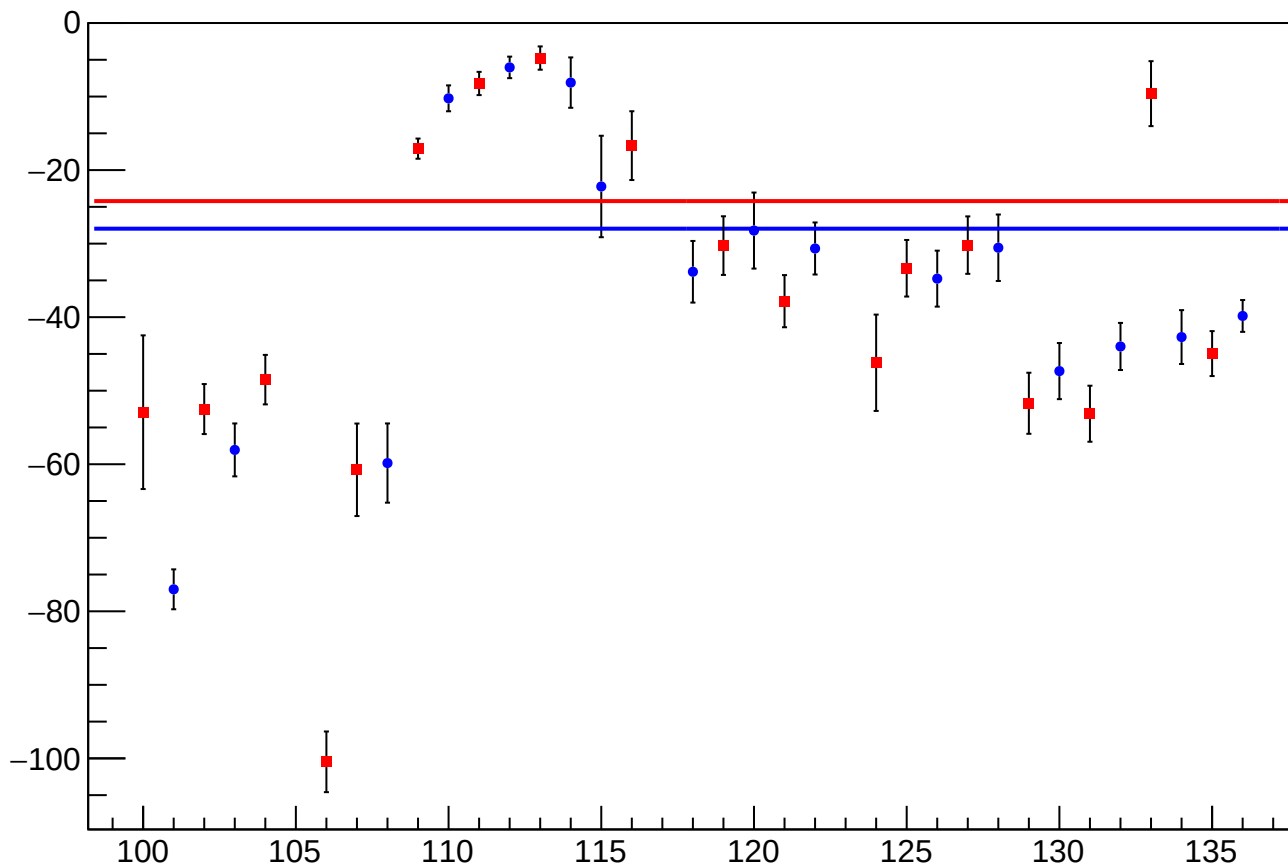
Right: -0.430 ± 0.023 χ^2/NDF : 935.3/33

In: -0.276 ± 0.031 χ^2/NDF : 455.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.430 ± 0.023 χ^2/NDF : 935.3/33

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: -24.215+/-0.670 χ^2/NDF : 981.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

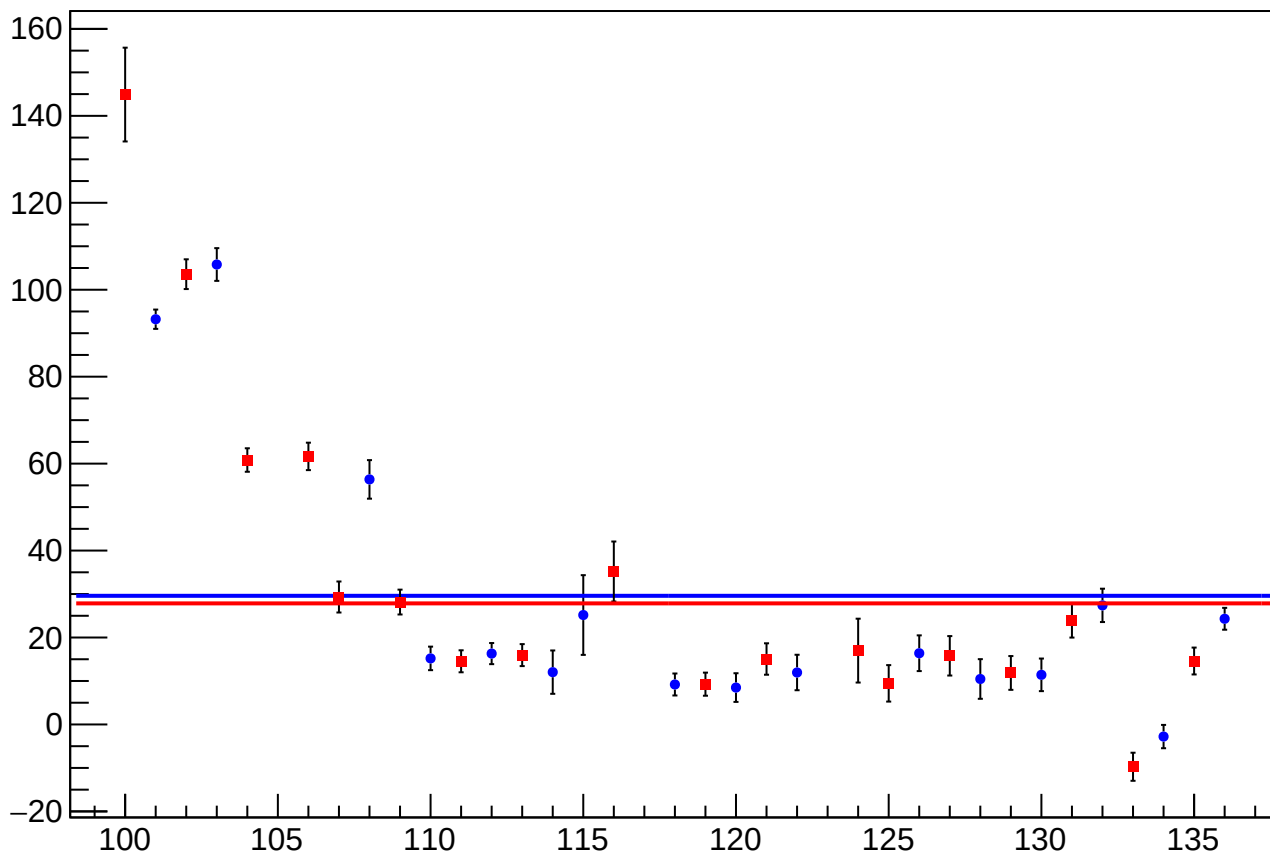
Right: -25.936+/-0.493 χ^2/NDF : 1891.0/33

In: -27.967+/-0.728 χ^2/NDF :894.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -25.936+/-0.493 χ^2/NDF : 1891.0/33

reg_asym_sam4_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 29.594+/-0.807 χ^2/NDF : 1665.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.851+/-0.806 χ^2/NDF : 1184.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

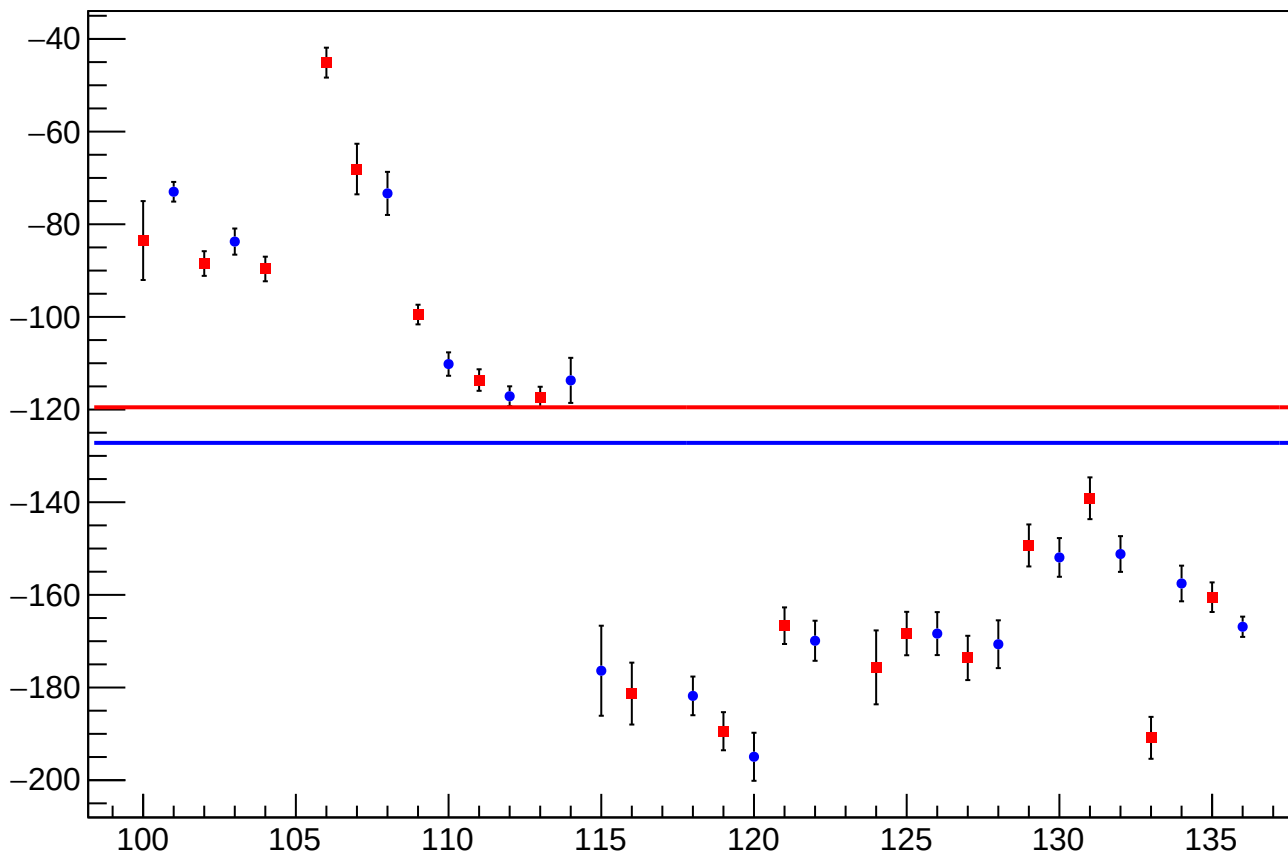
Right: 28.721+/-0.570 χ^2/NDF : 2852.2/33

In: 29.594+/-0.807 χ^2/NDF : 1665.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.721+/-0.570 χ^2/NDF : 2852.2/33

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: -119.510 ± 0.810 χ^2/NDF : 2274.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

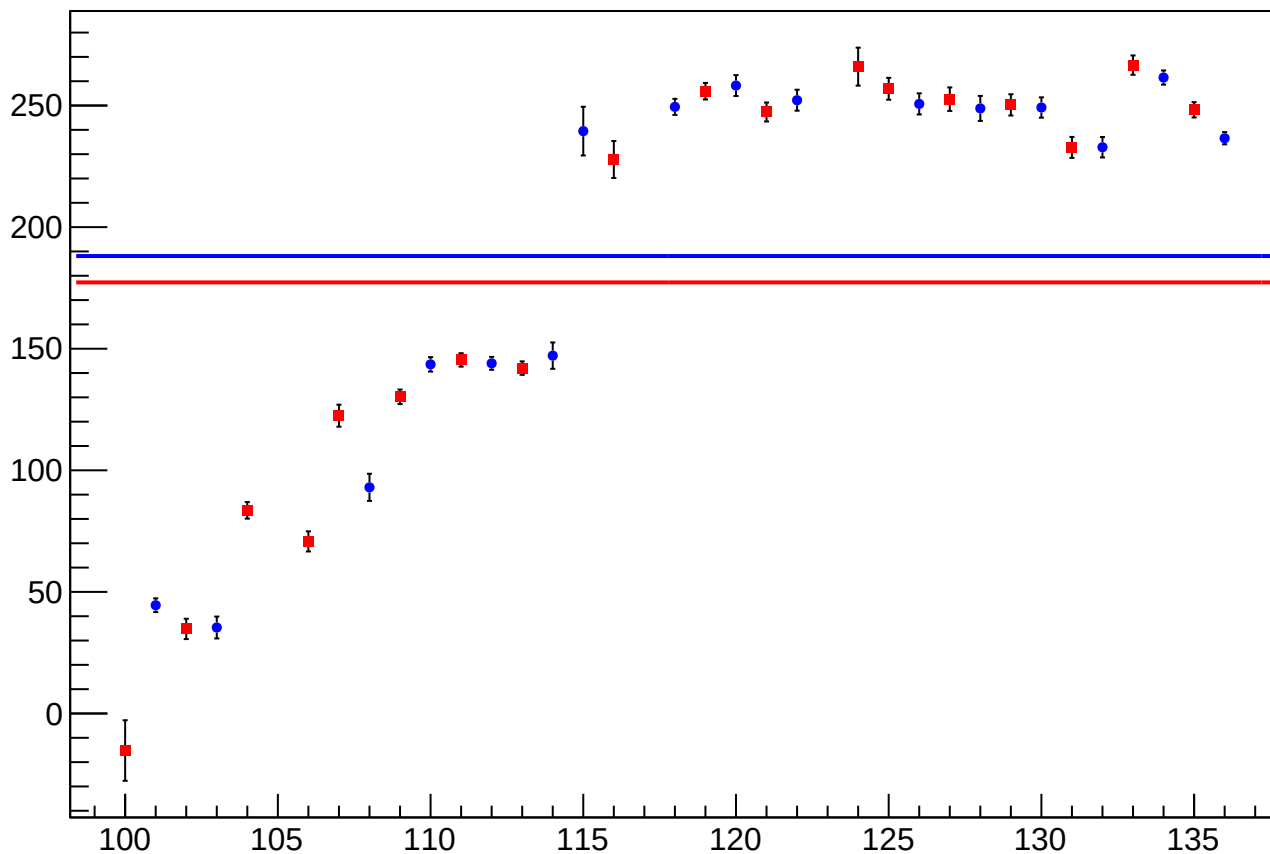
Right: -123.261 ± 0.580 χ^2/NDF : 4496.5/33

In: -127.190 ± 0.829 χ^2/NDF : 2178.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -123.261 ± 0.580 χ^2/NDF : 4496.5/33

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: 177.268+/-0.921 χ^2/NDF : 6547.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

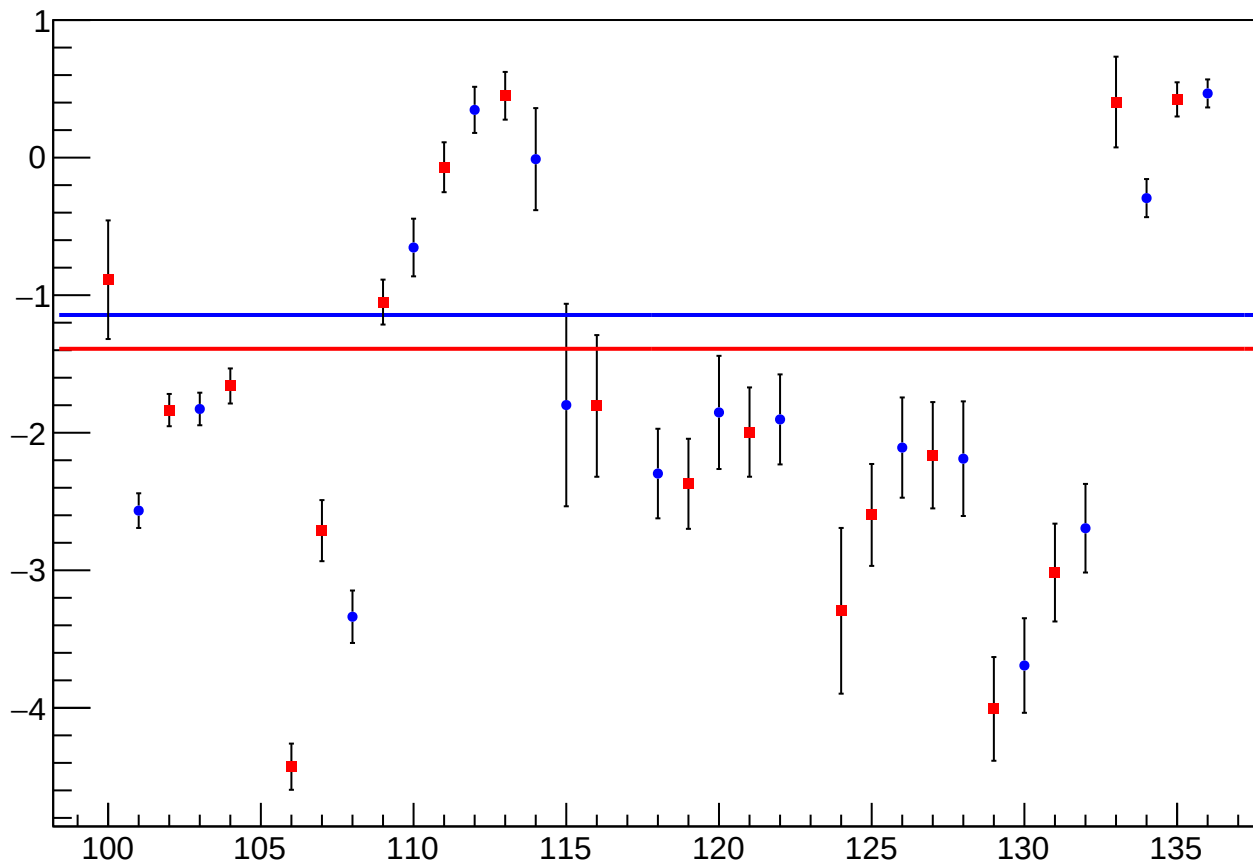
Right: 182.706+/-0.650 χ^2/NDF : 13735.6/33

In: 188.107+/-0.918 χ^2/NDF : 7118.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.706+/-0.650 χ^2/NDF : 13735.6/33

reg_asym_sam4_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -1.144 $\pm$ 0.048 χ^2 /NDF: 787.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.390 $\pm$ 0.049 χ^2 /NDF: 902.0/17

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

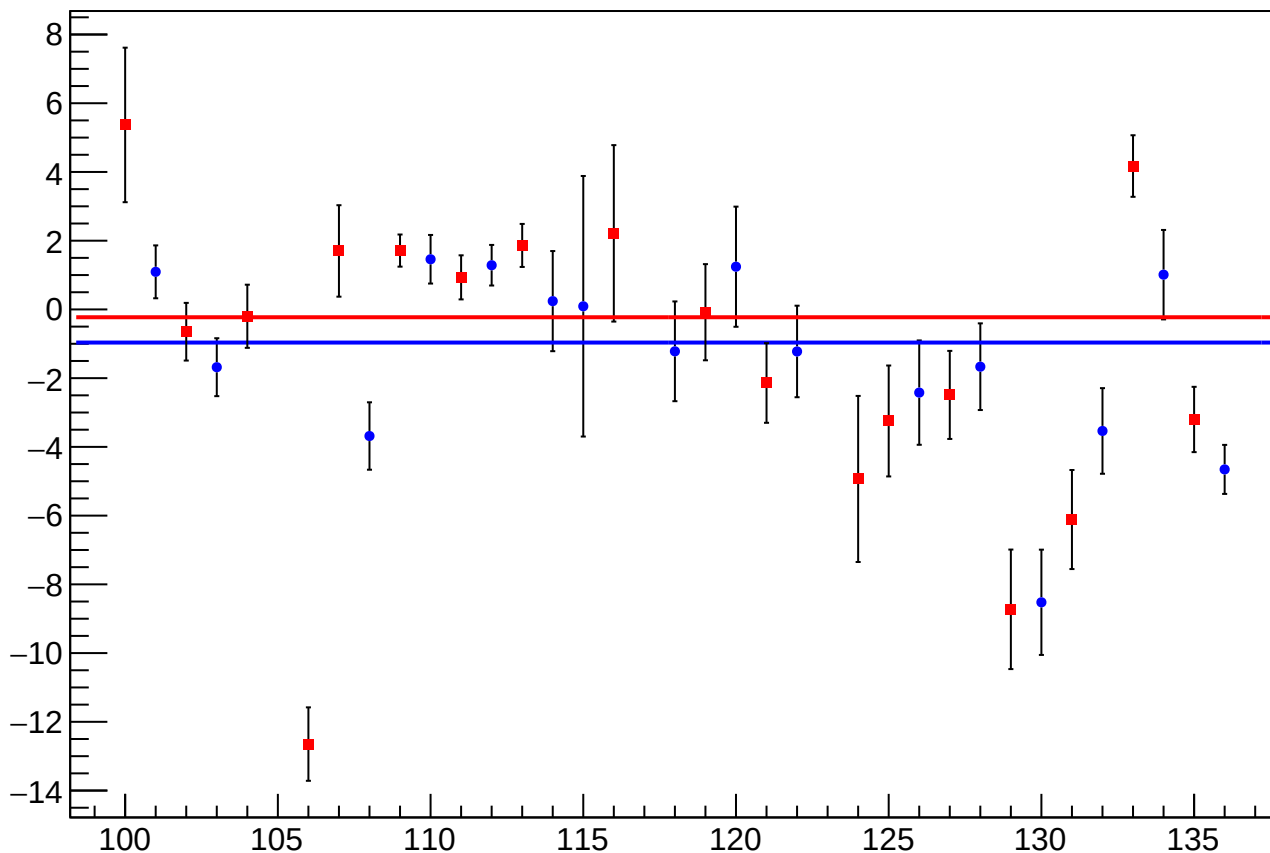
Right: -1.266 $\pm$ 0.034 χ^2 /NDF: 1702.4/33

In: -1.144 $\pm$ 0.048 χ^2 /NDF:787.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -1.266 $\pm$ 0.034 χ^2 /NDF: 1702.4/33

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: -0.228 ± 0.226 χ^2/NDF : 263.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

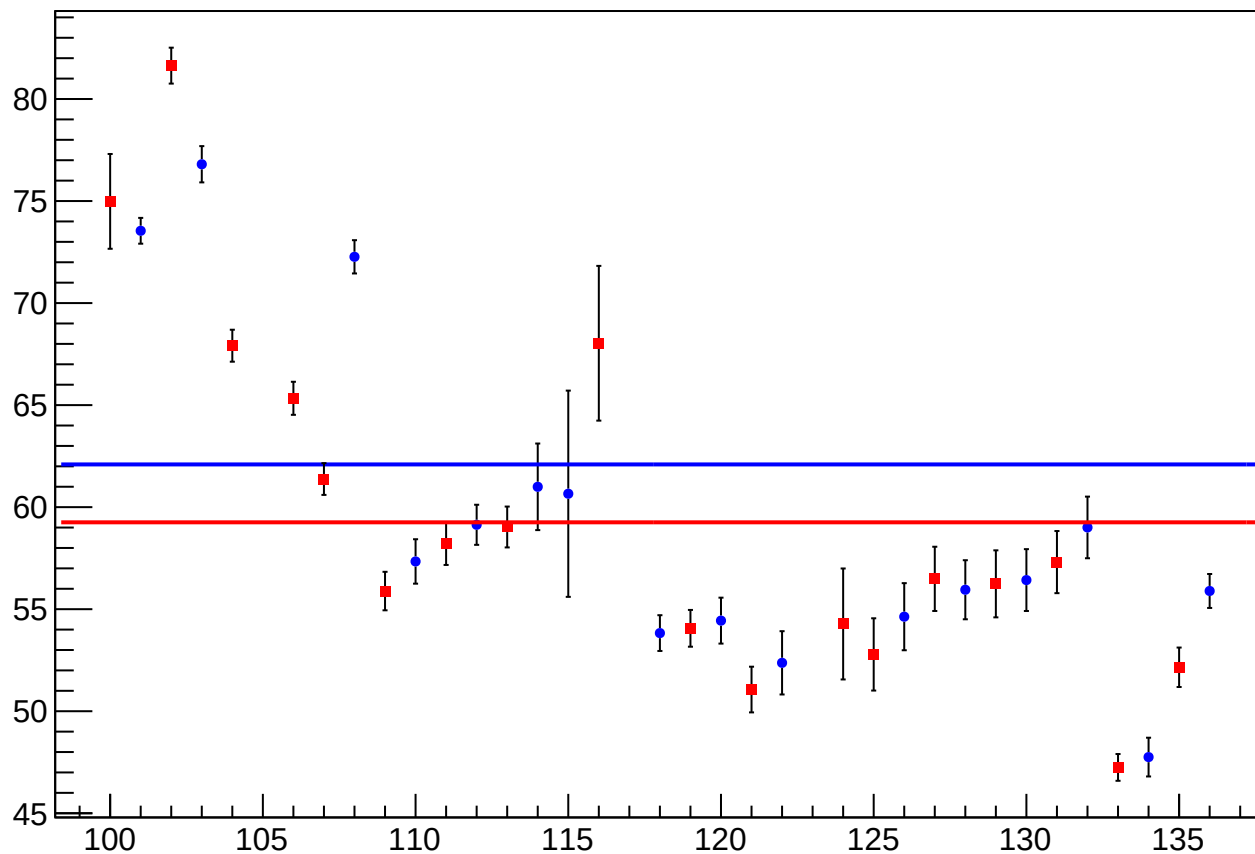
Right: -0.555 ± 0.169 χ^2/NDF : 371.8/33

In: -0.964 ± 0.253 χ^2/NDF : 103.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.555 ± 0.169 χ^2/NDF : 371.8/33

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: 59.256+/-0.246 χ^2/NDF : 1398.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

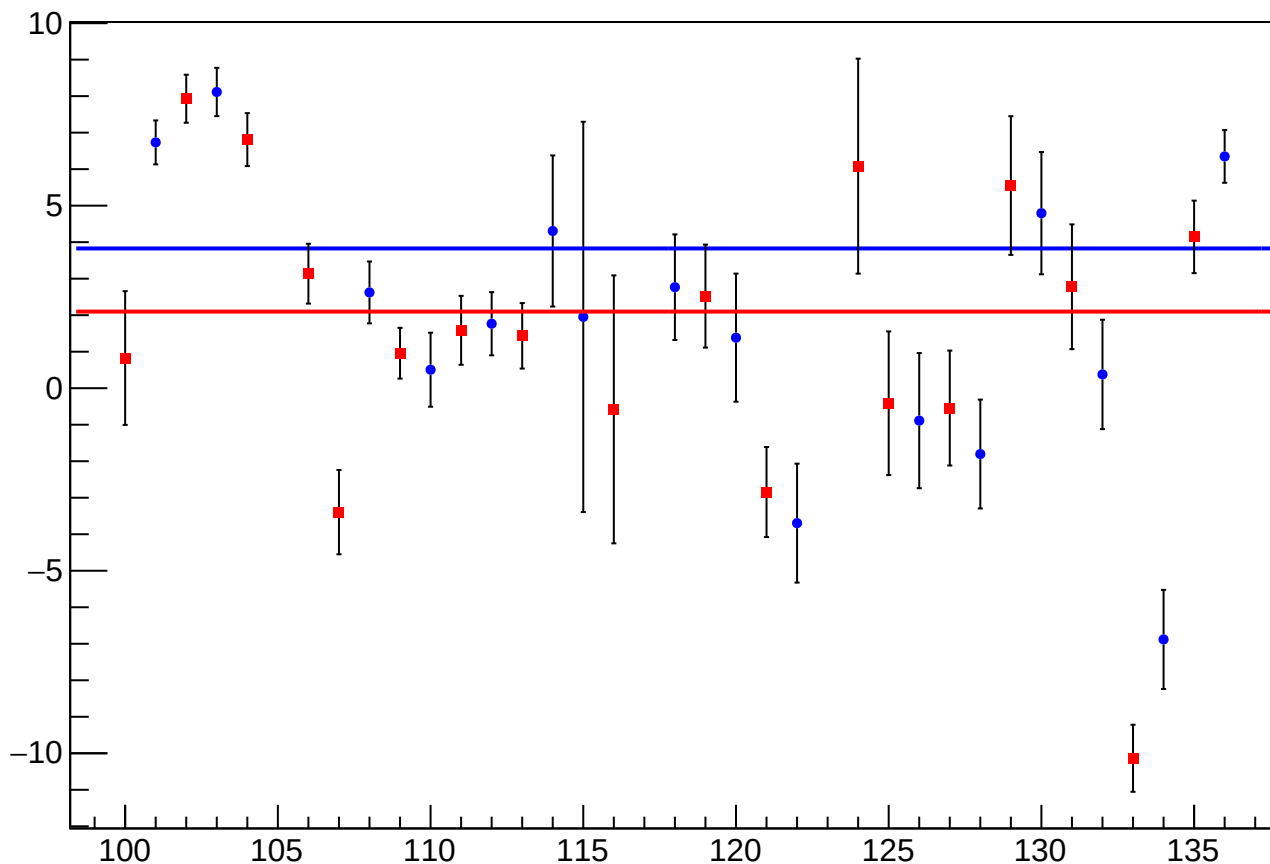
Right: 60.568+/-0.180 χ^2/NDF : 2760.8/33

In: 62.094+/-0.265 χ^2/NDF : 1301.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.568+/-0.180 χ^2/NDF : 2760.8/33

reg_asym_sam5_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 3.828+/-0.265 χ^2/NDF : 208.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.099+/-0.250 χ^2/NDF : 357.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

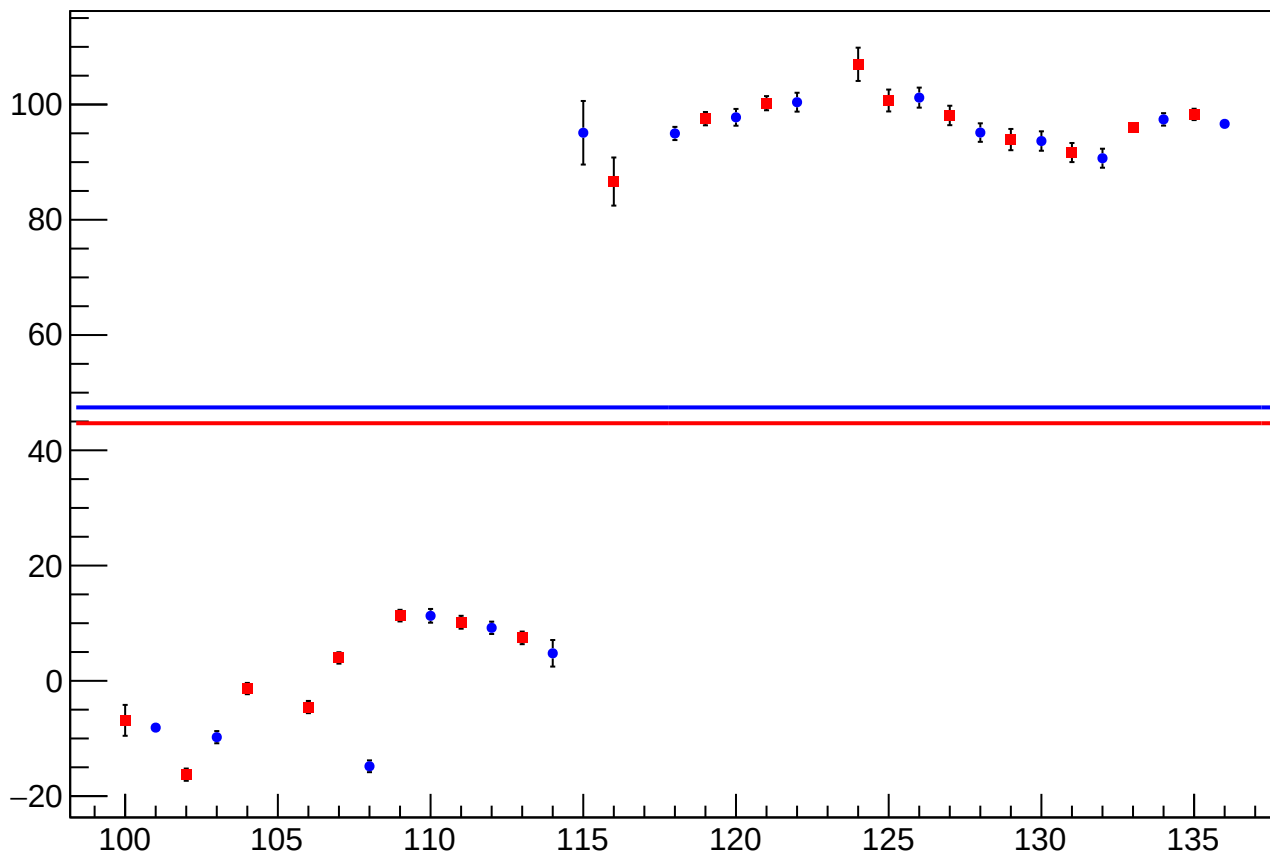
Right: 2.912+/-0.182 χ^2/NDF : 588.4/33

In: 3.828+/-0.265 χ^2/NDF : 208.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.912+/-0.182 χ^2/NDF : 588.4/33

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: 44.697+/-0.288 χ^2/NDF : 28030.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

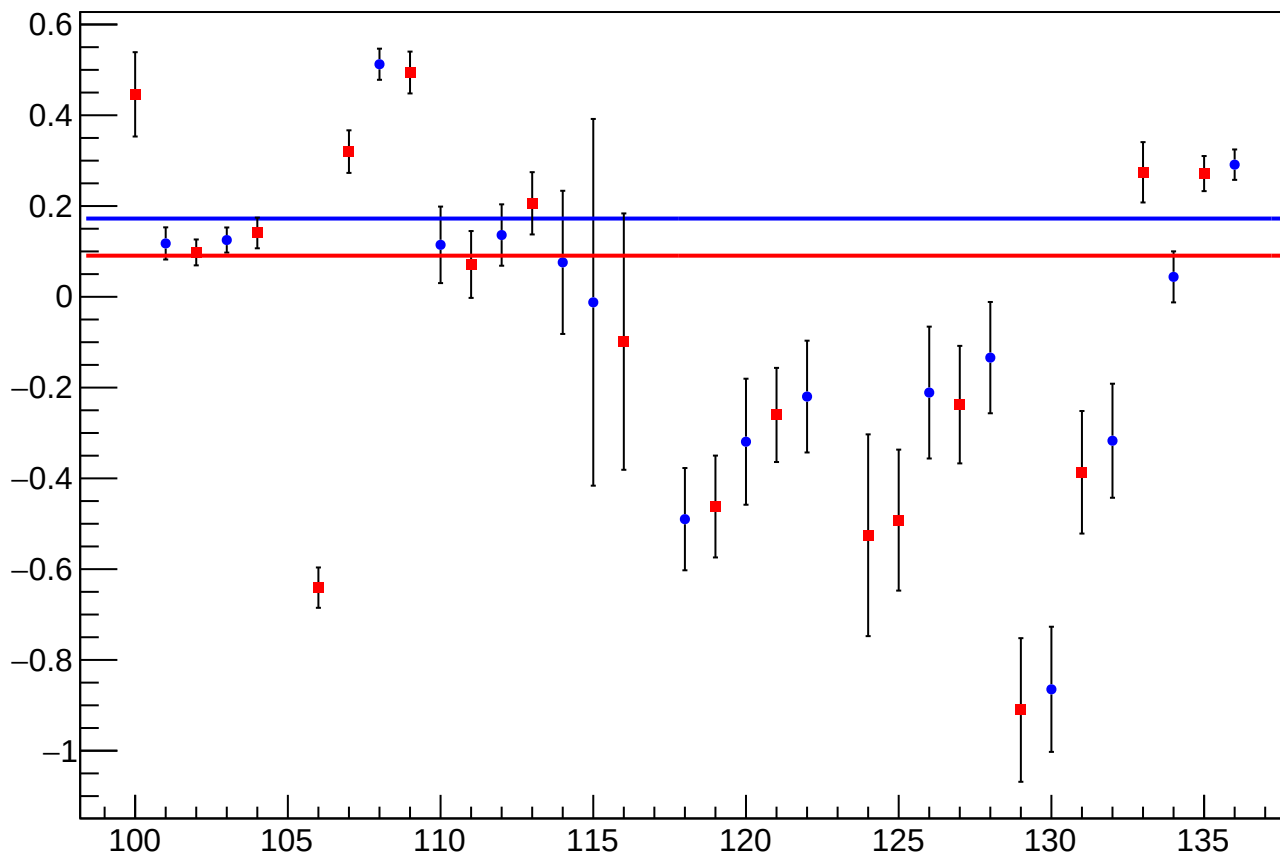
Right: 45.979+/-0.210 χ^2/NDF : 54959.7/33

In: 47.443+/-0.308 χ^2/NDF : 26886.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.979+/-0.210 χ^2/NDF : 54959.7/33

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: 0.091 $\pm$ 0.014 χ^2 /NDF: 537.5/17

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

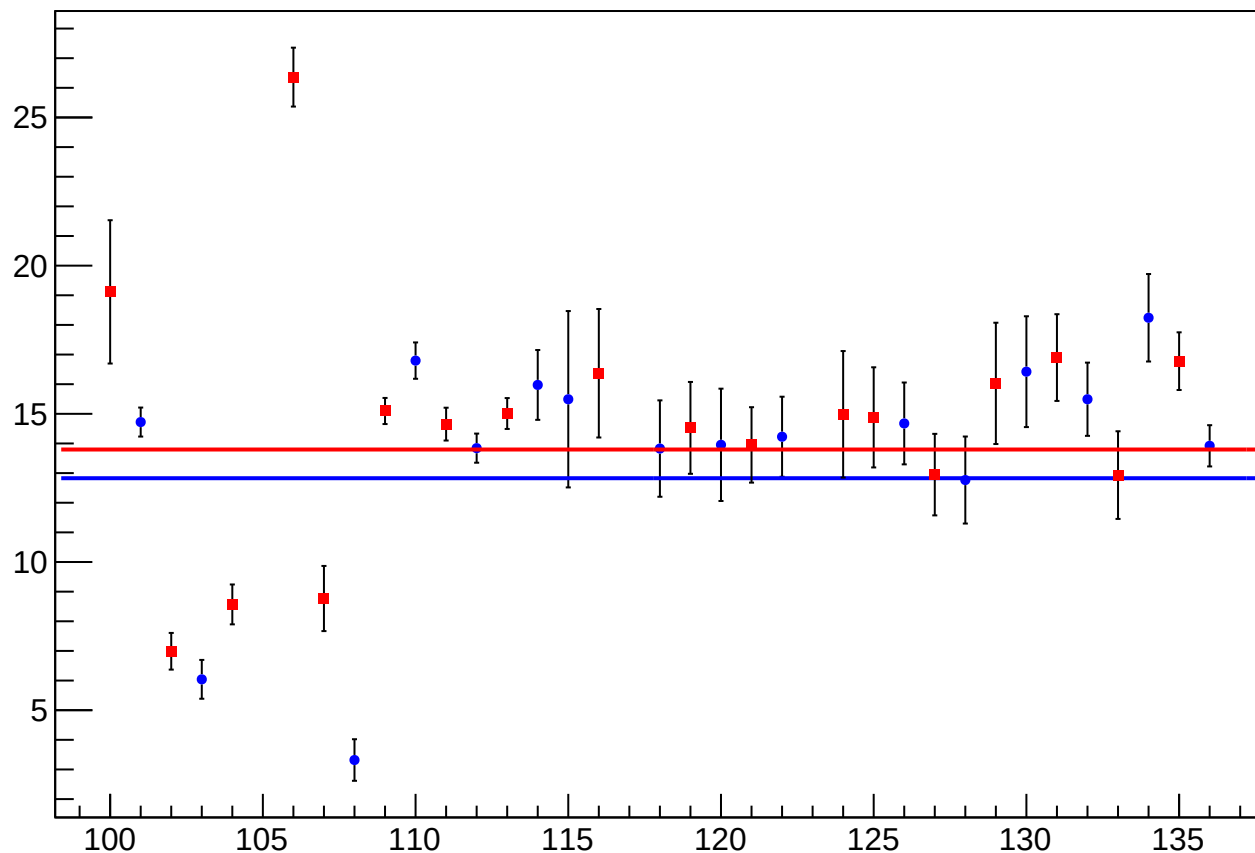
Right: 0.130 $\pm$ 0.010 χ^2 /NDF: 819.7/33

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: 0.130 $\pm$ 0.010 χ^2 /NDF: 819.7/33

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: 13.796+/-0.206 χ^2/NDF : 401.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

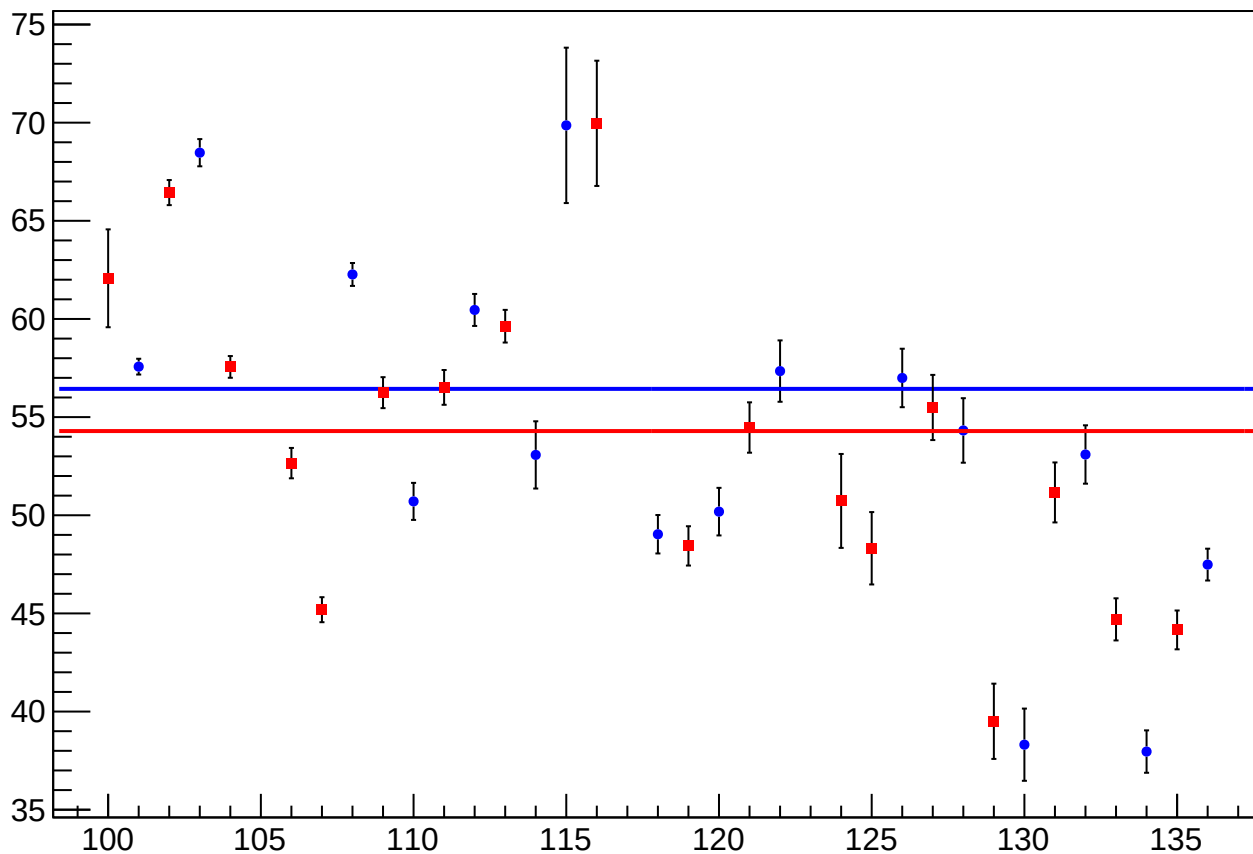
Right: 13.329+/-0.149 χ^2/NDF : 800.3/33

In: 12.827+/-0.214 χ^2/NDF : 388.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.329+/-0.149 χ^2/NDF : 800.3/33

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: 54.289+/-0.227 χ^2/NDF : 988.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

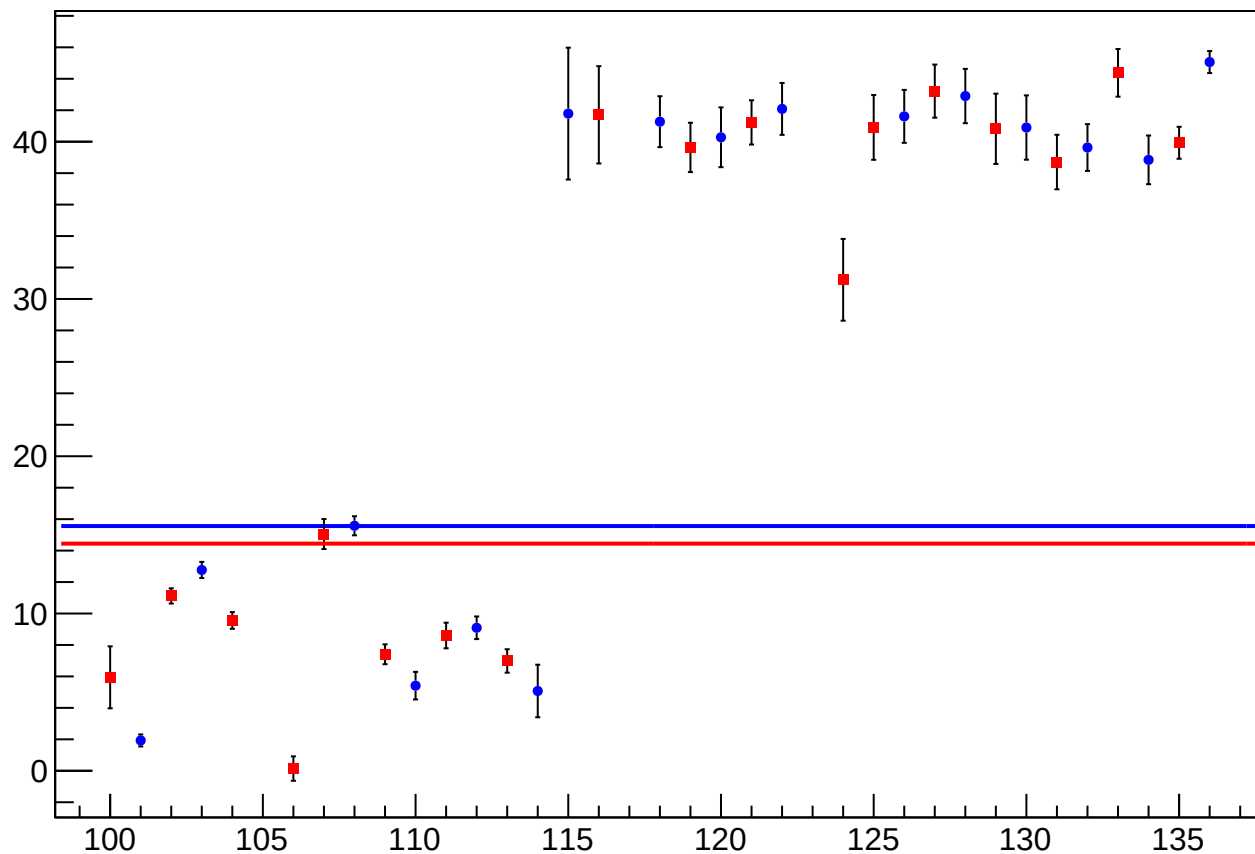
Right: 55.387+/-0.159 χ^2/NDF : 2122.2/33

In: 56.438+/-0.222 χ^2/NDF : 1088.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.387+/-0.159 χ^2/NDF : 2122.2/33

reg_asym_sam6_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 15.561 $\pm$ 0.214 χ^2 /NDF: 5176.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14.444 $\pm$ 0.222 χ^2 /NDF: 3313.7/17

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

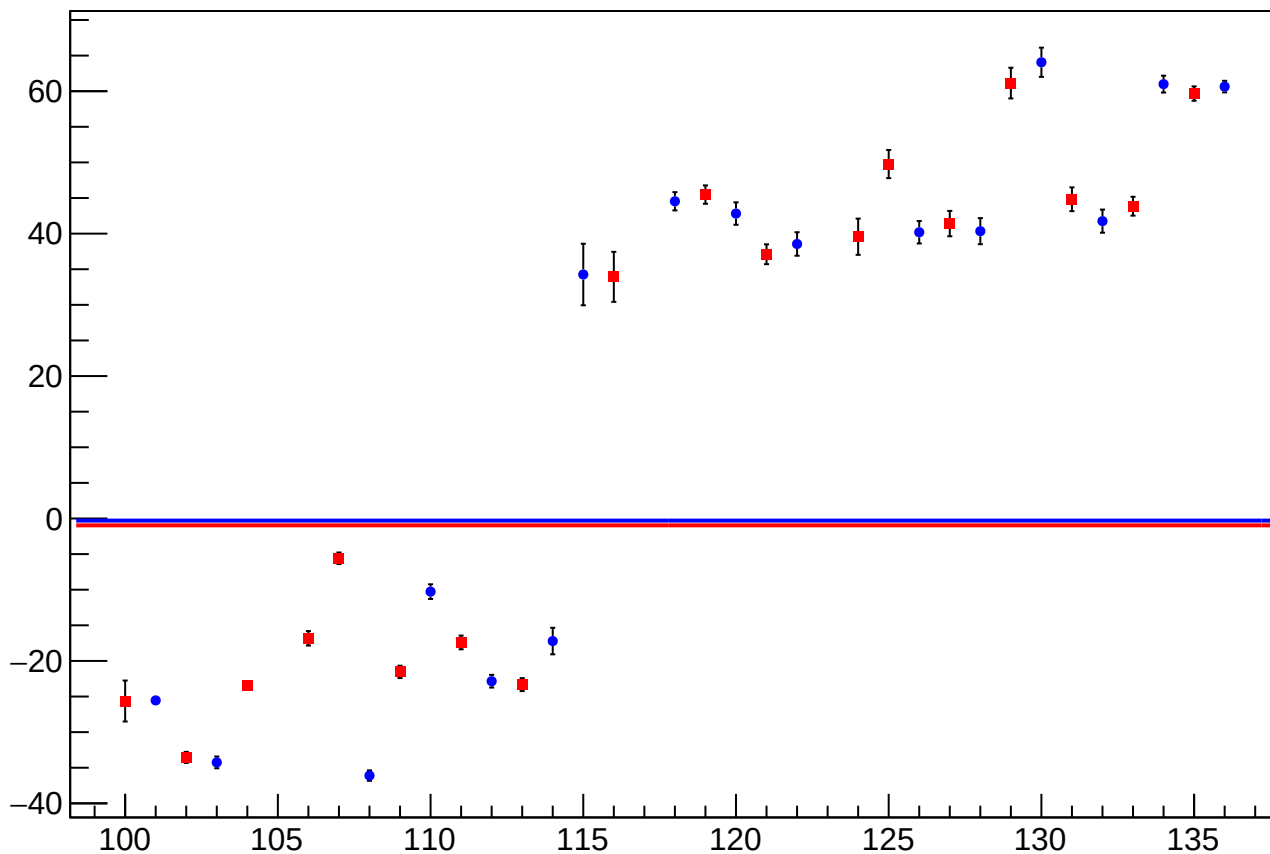
Right: 15.023 $\pm$ 0.154 χ^2 /NDF: 8502.9/33

In: 15.561 $\pm$ 0.214 χ^2 /NDF:5176.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 15.023 $\pm$ 0.154 χ^2 /NDF: 8502.9/33

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: -0.964 ± 0.267 χ^2/NDF : 14615.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

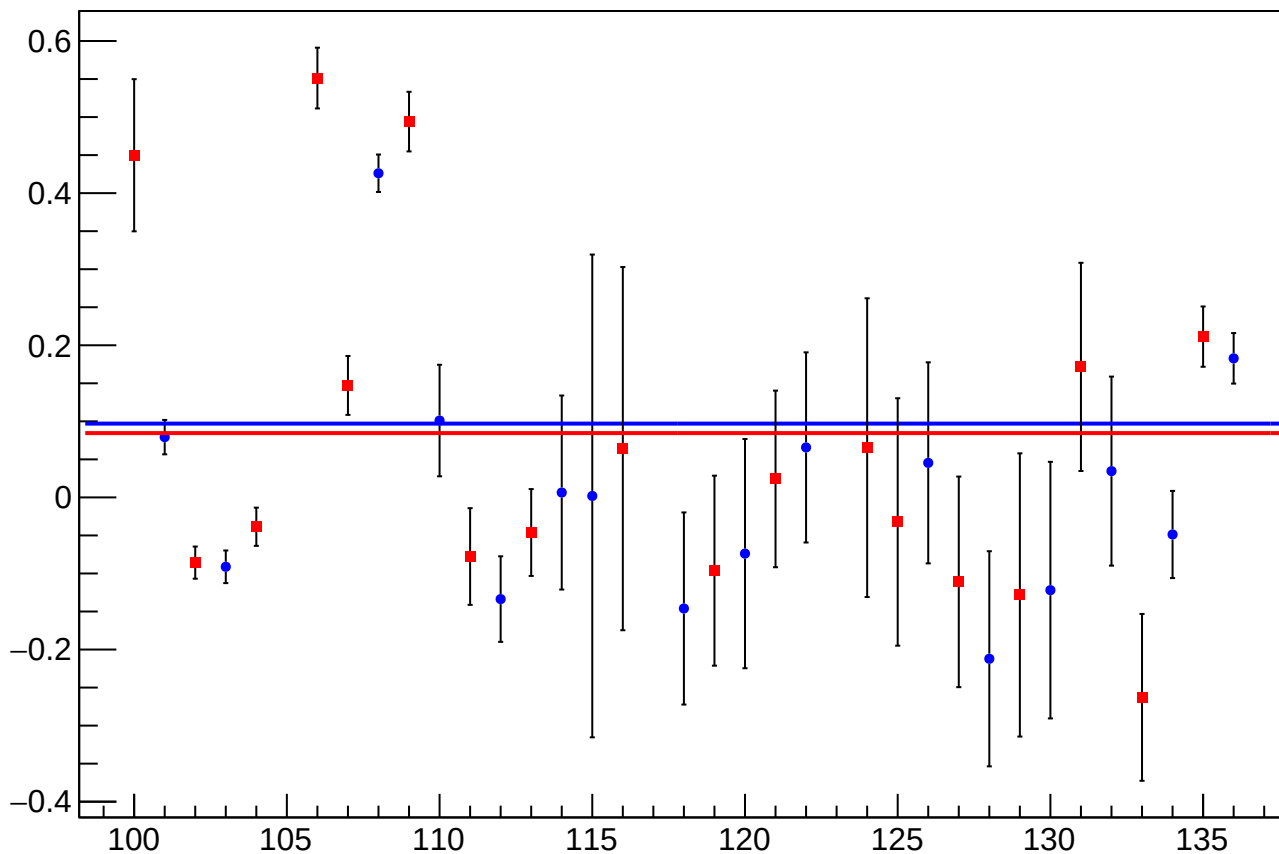
Right: -0.623 ± 0.187 χ^2/NDF : 35649.8/33

In: -0.296 ± 0.261 χ^2/NDF : 21030.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.623 ± 0.187 χ^2/NDF : 35649.8/33

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: 0.085 $\pm$ 0.012 χ^2 /NDF: 389.1/17

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

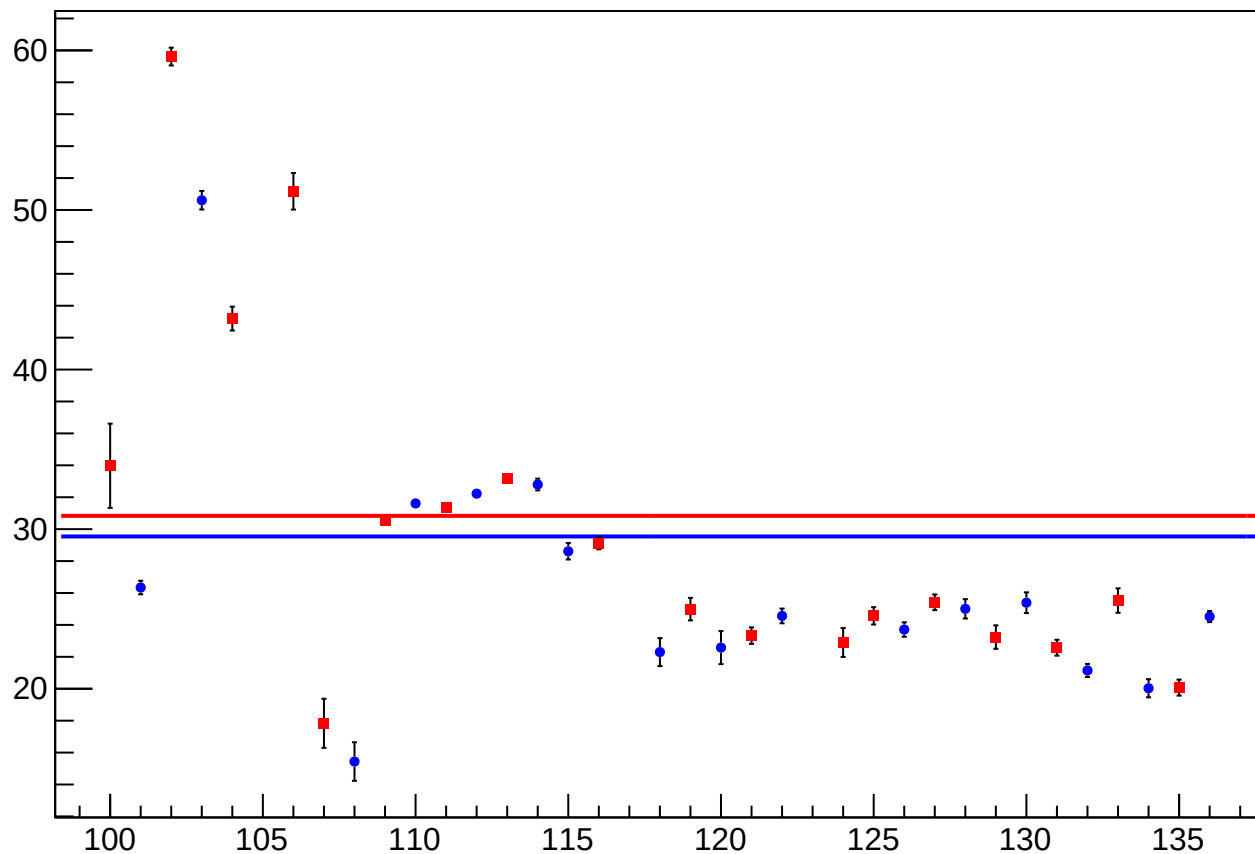
Right: 0.091 $\pm$ 0.008 χ^2 /NDF: 688.9/33

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: 0.091 $\pm$ 0.008 χ^2 /NDF: 688.9/33

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: 30.834+/-0.081 χ^2/NDF : 5034.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

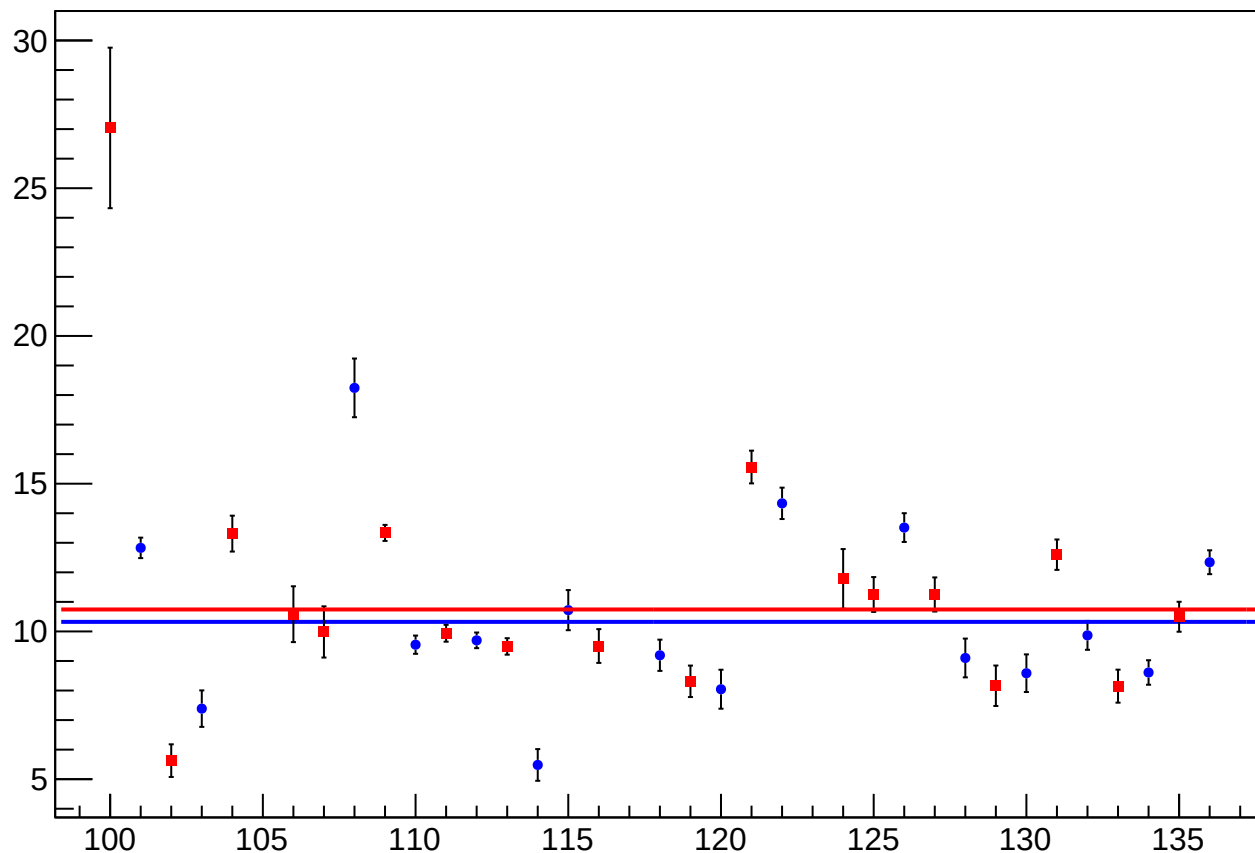
Right: 30.272+/-0.061 χ^2/NDF : 8518.3/33

In: 29.542+/-0.092 χ^2/NDF : 3372.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.272+/-0.061 χ^2/NDF : 8518.3/33

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: 10.743+/-0.114 χ^2/NDF : 412.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

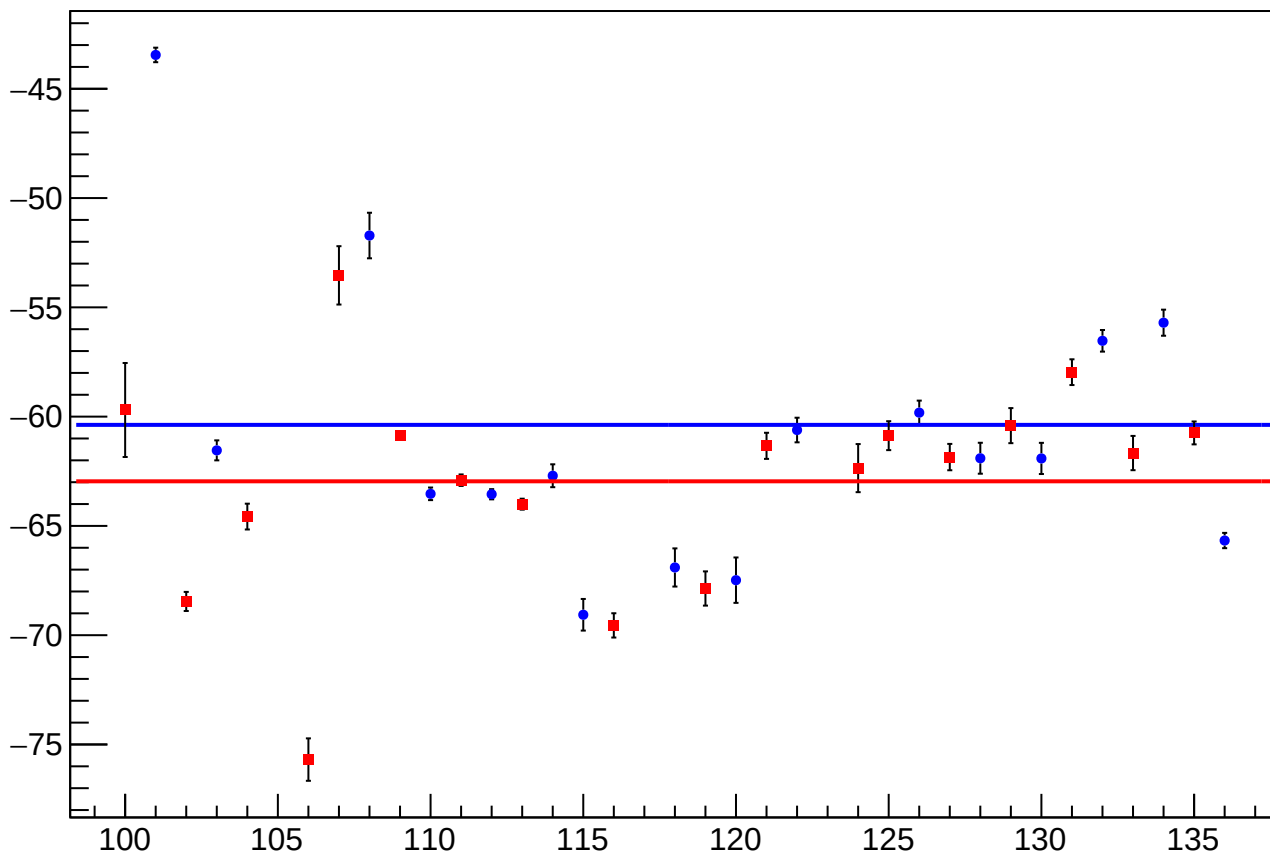
Right: 10.534+/-0.081 χ^2/NDF : 822.0/33

In: 10.324+/-0.114 χ^2/NDF : 402.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.534+/-0.081 χ^2/NDF : 822.0/33

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: -62.960 ± 0.109 χ^2/NDF : 805.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

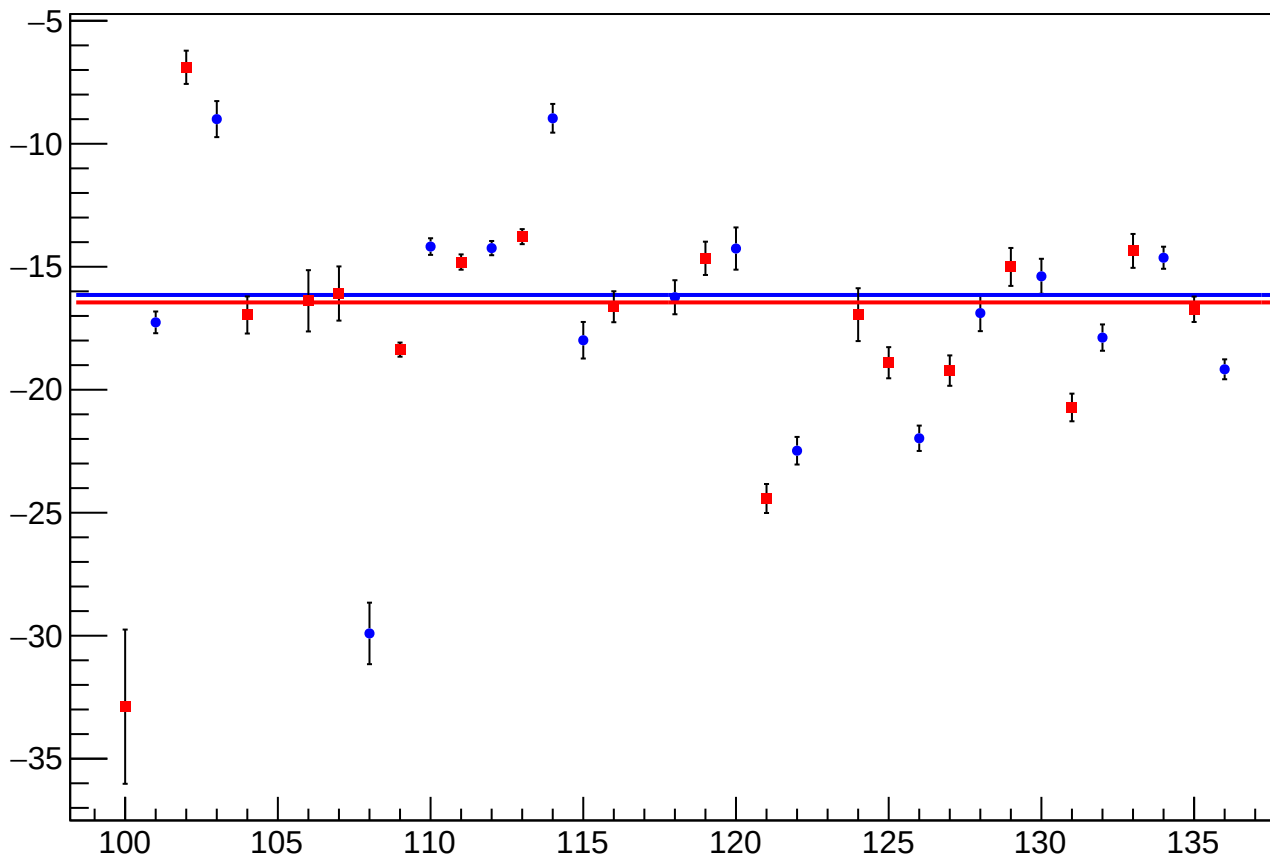
Right: -61.721 ± 0.078 χ^2/NDF : 4675.0/33

In: -60.377 ± 0.113 χ^2/NDF : 3597.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.721 ± 0.078 χ^2/NDF : 4675.0/33

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: -16.450 ± 0.126 χ^2/NDF : 673.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

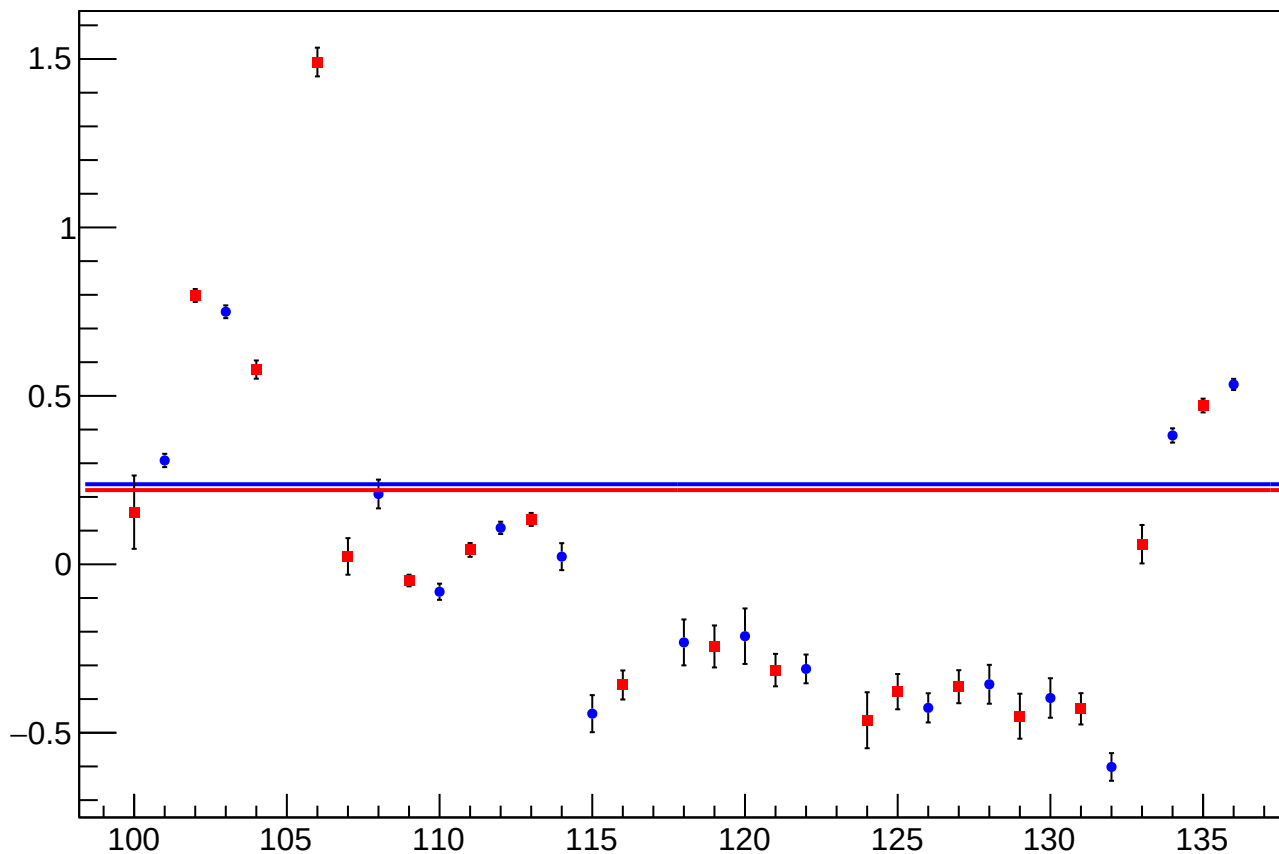
Right: -16.300 ± 0.090 χ^2/NDF : 1473.4/33

In: -16.147 ± 0.127 χ^2/NDF : 797.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.300 ± 0.090 χ^2/NDF : 1473.4/33

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: 0.220+/-0.007 χ^2/NDF : 3476.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

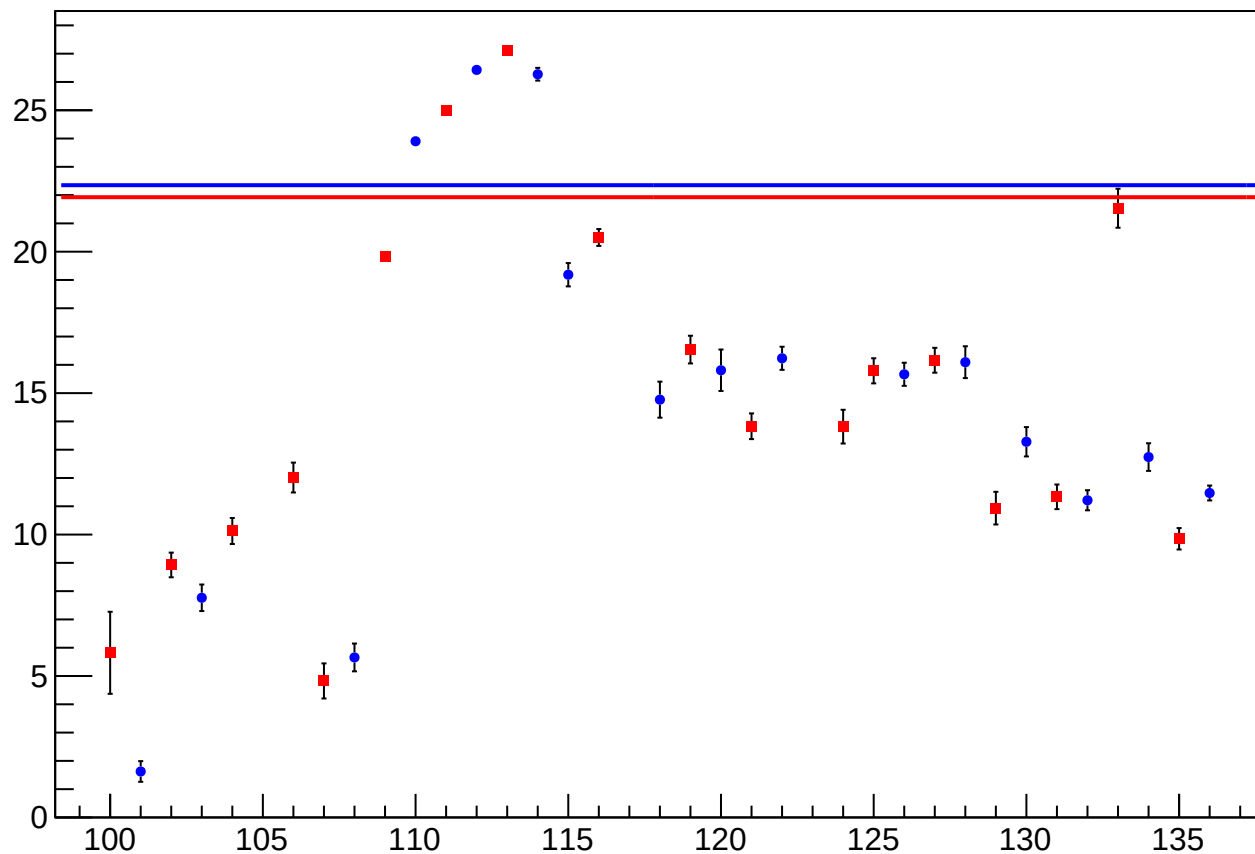
Right: 0.229+/-0.005 χ^2/NDF : 6112.5/33

In: 0.238+/-0.007 χ^2/NDF :2632.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.229+/-0.005 χ^2/NDF : 6112.5/33

reg_asym_sam8_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 22.350+/-0.057 χ^2/NDF : 12336.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.926+/-0.046 χ^2/NDF : 10402.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

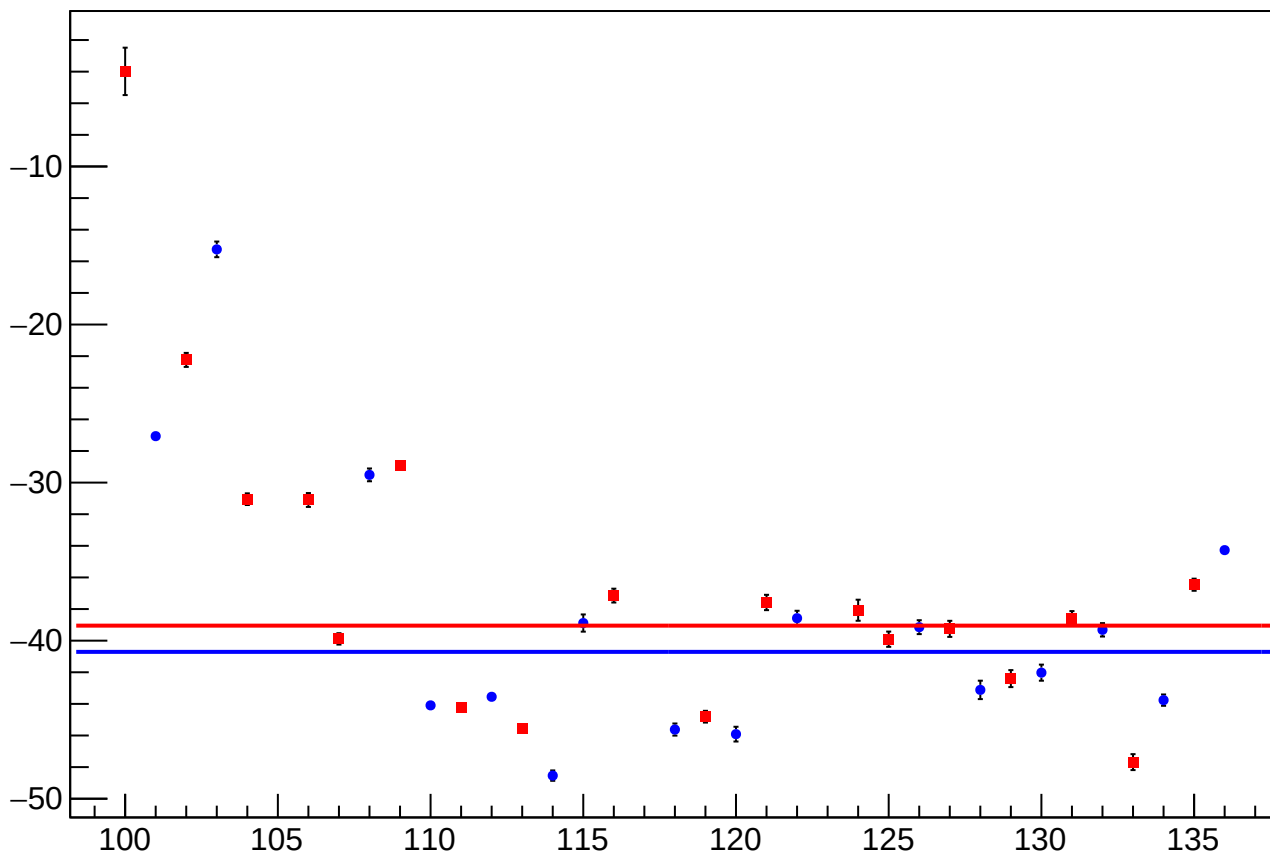
Right: 22.097+/-0.036 χ^2/NDF : 22773.4/33

In: 22.350+/-0.057 χ^2/NDF : 12336.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.097+/-0.036 χ^2/NDF : 22773.4/33

reg_asym_sam8_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -40.709 ± 0.076 χ^2/NDF : 7780.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.049 ± 0.071 χ^2/NDF : 10069.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

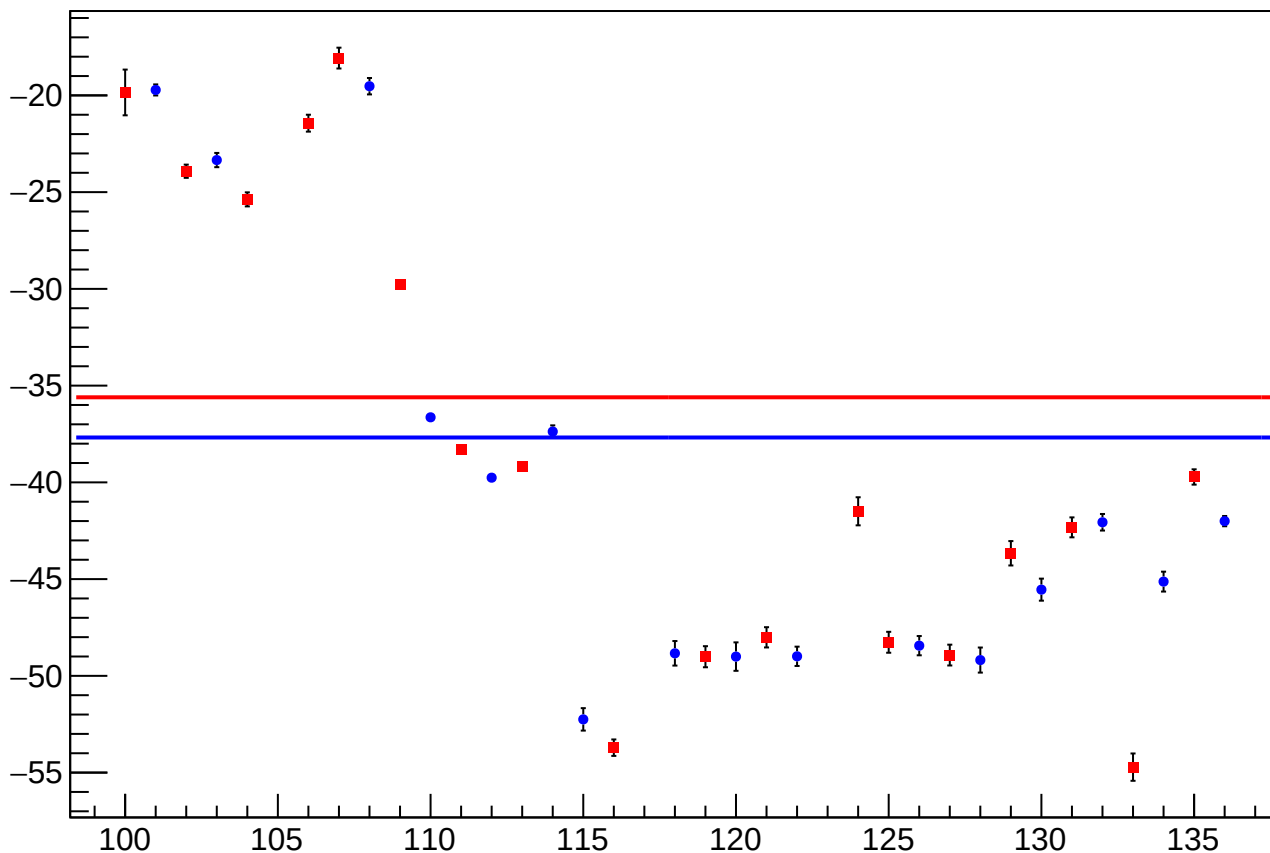
Right: -39.823 ± 0.052 χ^2/NDF : 18101.6/33

In: -40.709 ± 0.076 χ^2/NDF : 7780.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -39.823 ± 0.052 χ^2/NDF : 18101.6/33

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: -35.604+/-0.065 χ^2/NDF : 13068.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

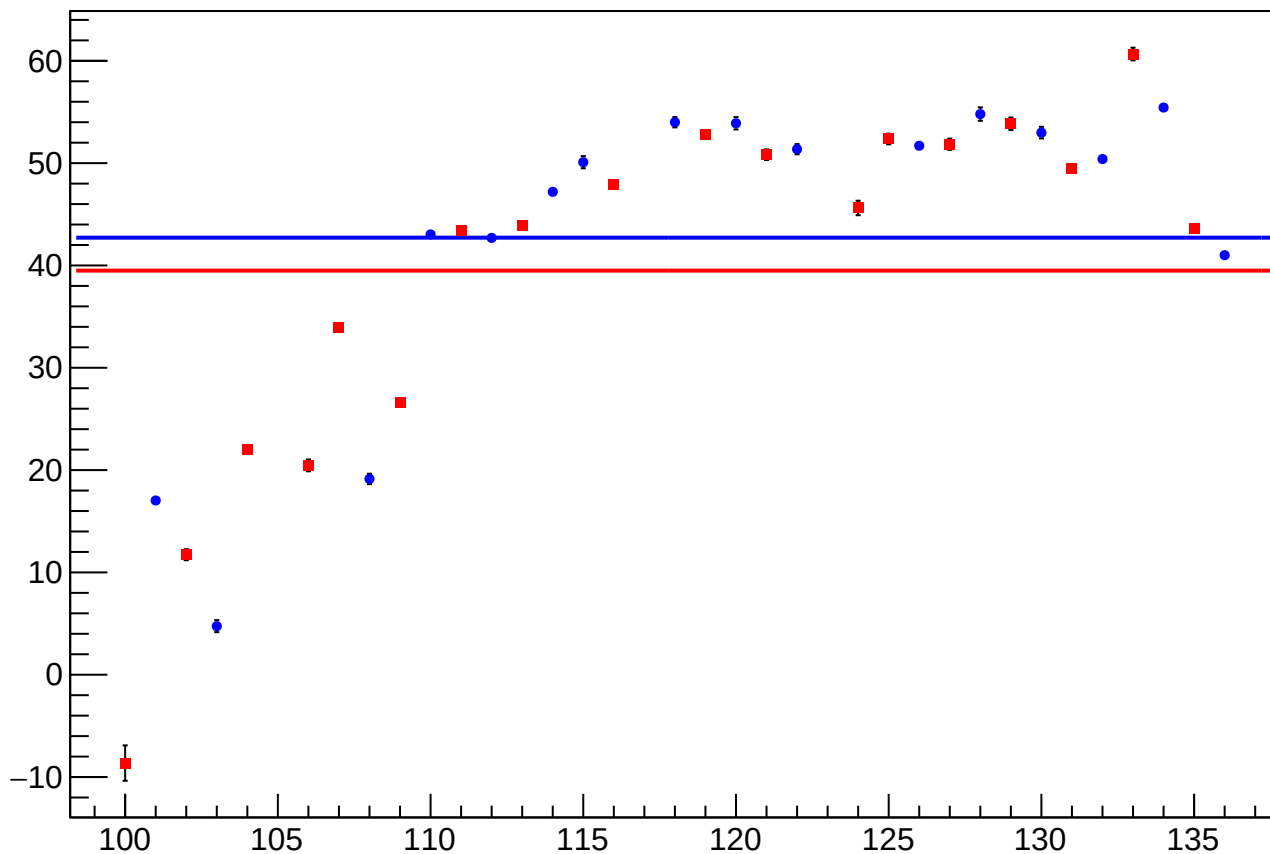
Right: -36.508+/-0.049 χ^2/NDF : 24370.3/33

In: -37.681+/-0.074 χ^2/NDF :10853.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -36.508+/-0.049 χ^2/NDF : 24370.3/33

reg_asym_sam8_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 42.718 $\pm$ 0.085 χ^2 /NDF: 14765.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 39.498 $\pm$ 0.079 χ^2 /NDF: 17964.1/17

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

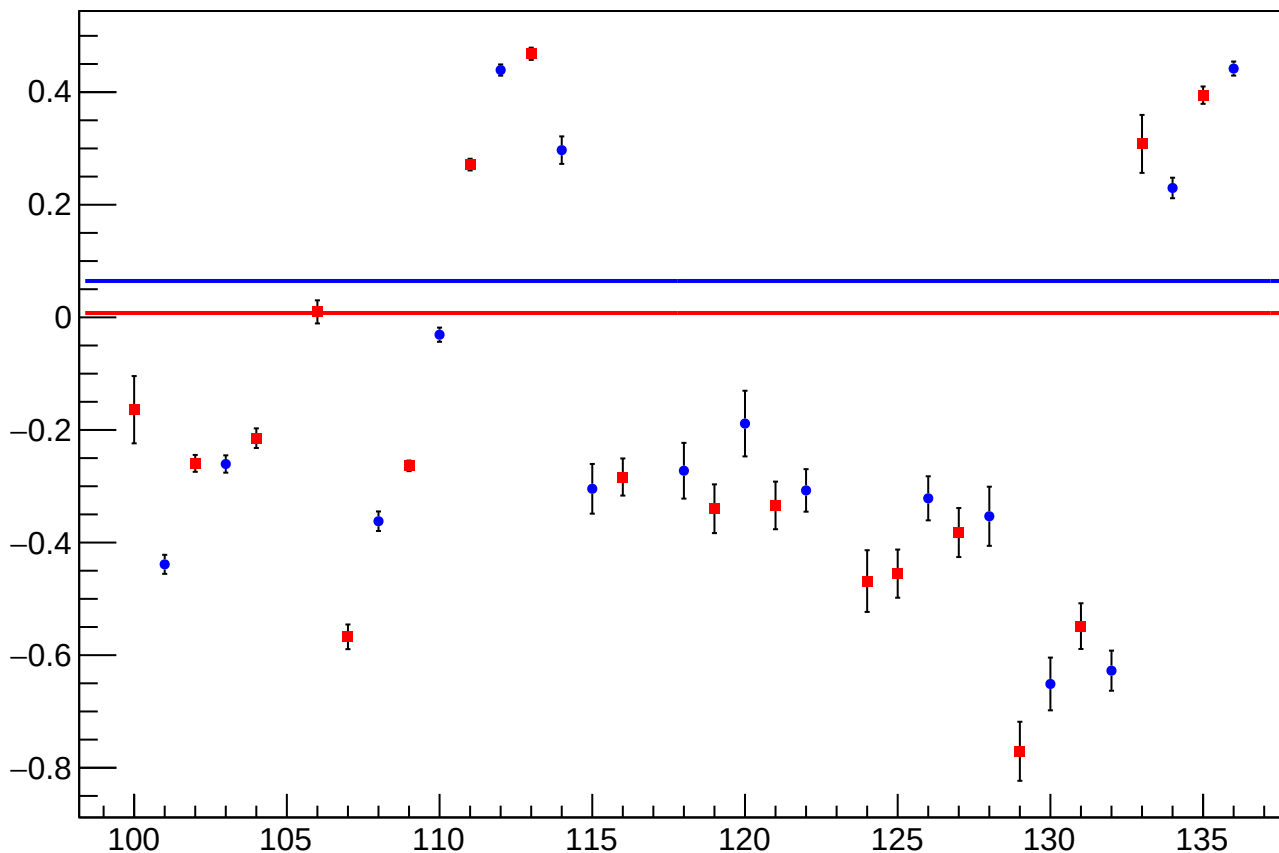
Right: 40.984 $\pm$ 0.058 χ^2 /NDF: 33501.0/33

In: 42.718 $\pm$ 0.085 χ^2 /NDF:14765.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 40.984 $\pm$ 0.058 χ^2 /NDF: 33501.0/33

reg_asym_sam8_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.065 $\pm$ 0.005 χ^2 /NDF: 5497.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.004 χ^2 /NDF: 6020.1/17

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

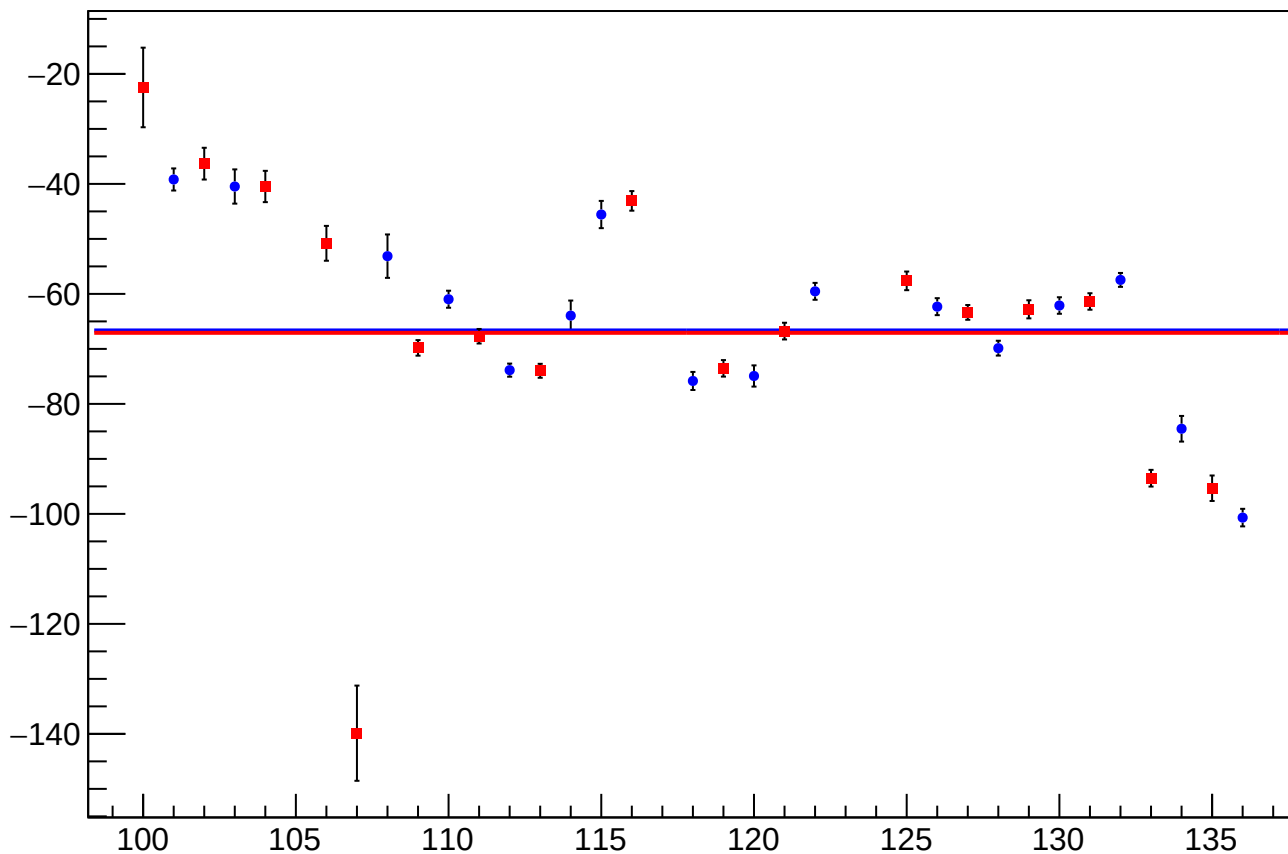
Right: 0.034 $\pm$ 0.003 χ^2 /NDF: 11592.5/33

In: 0.065 $\pm$ 0.005 χ^2 /NDF:5497.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.034 $\pm$ 0.003 χ^2 /NDF: 11592.5/33

reg_asym_usl_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -66.648+/-0.426 χ^2/NDF : 1052.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -67.074+/-0.423 χ^2/NDF : 1081.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

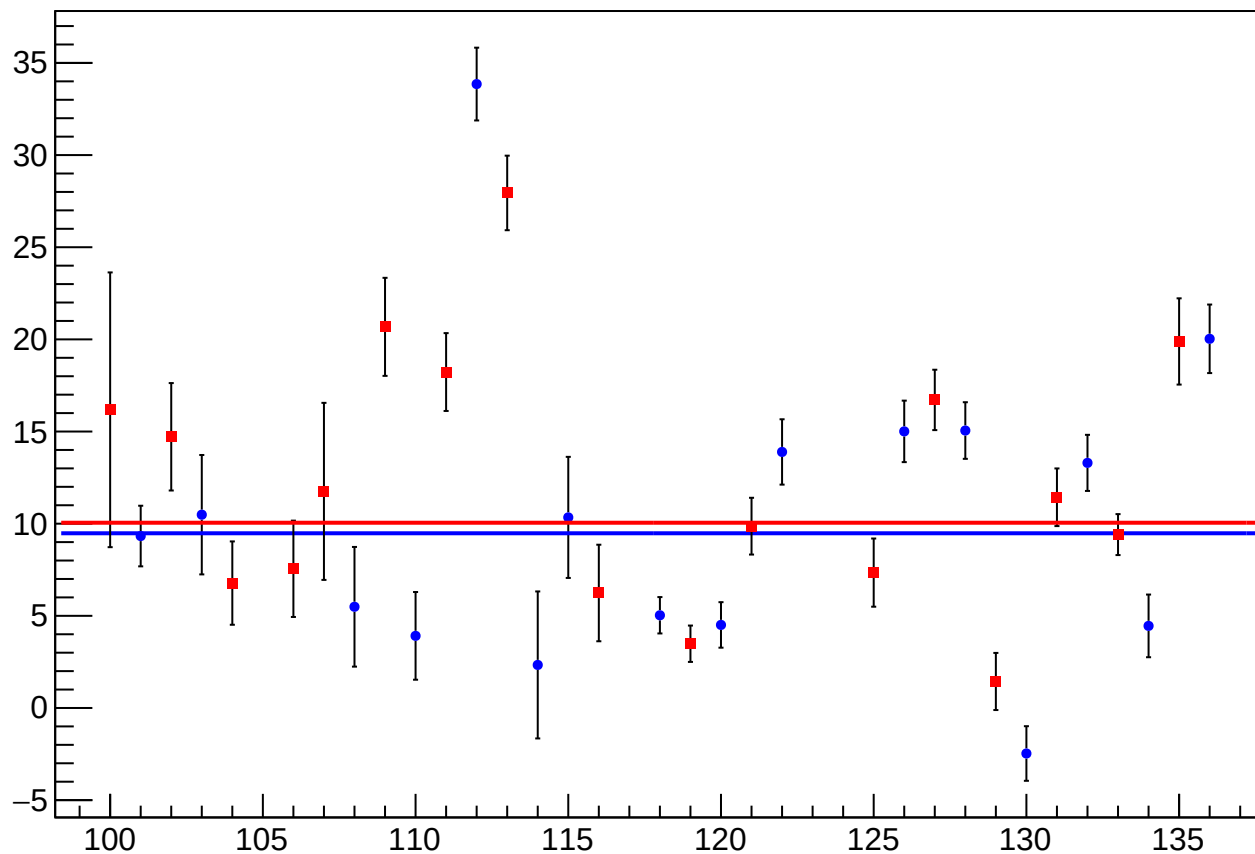
Right: -66.863+/-0.300 χ^2/NDF : 2134.4/32

In: -66.648+/-0.426 χ^2/NDF : 1052.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.863+/-0.300 χ^2/NDF : 2134.4/32

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: 10.051+/-0.438 χ^2/NDF : 230.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

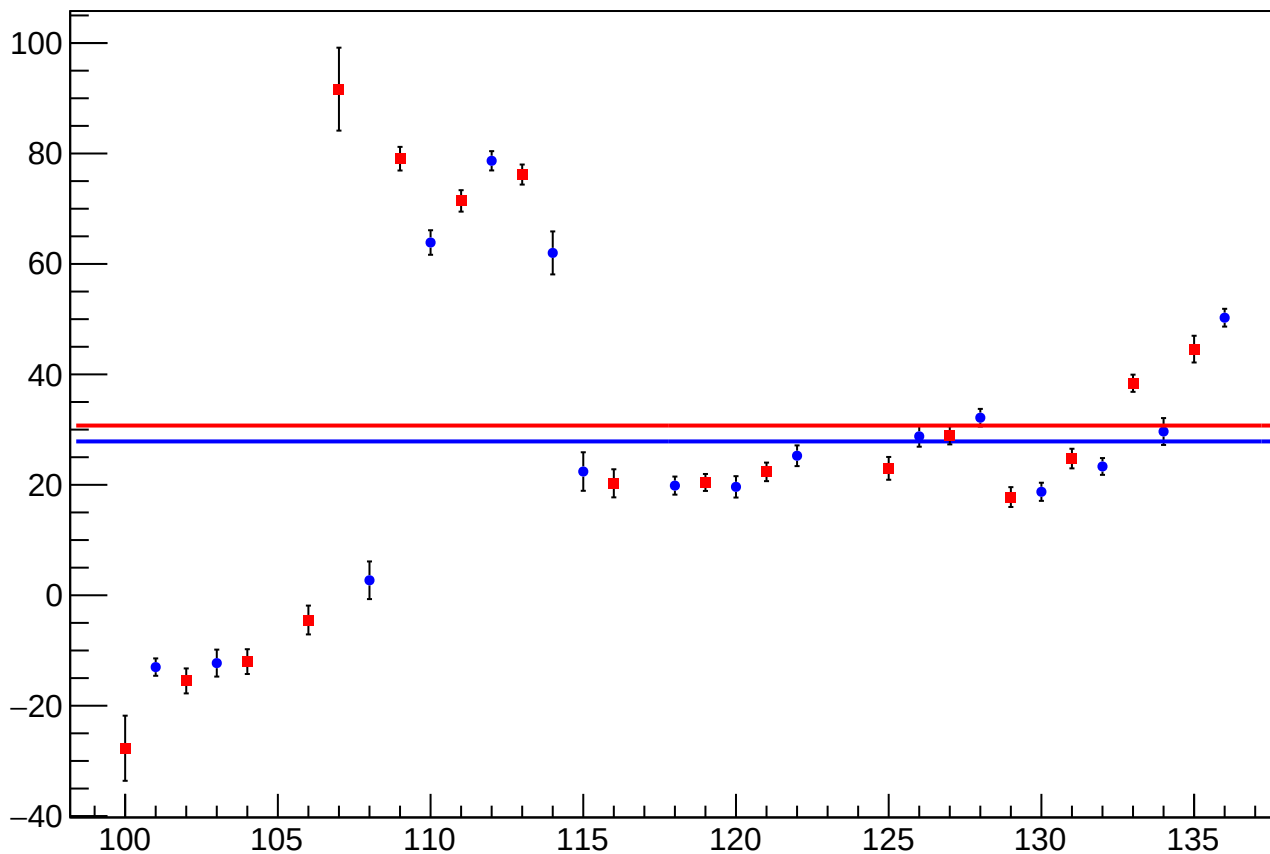
Right: 9.759+/-0.306 χ^2/NDF : 573.2/32

In: 9.480+/-0.428 χ^2/NDF : 341.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.759+/-0.306 χ^2/NDF : 573.2/32

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: 30.735+/-0.493 χ^2 /NDF: 2924.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

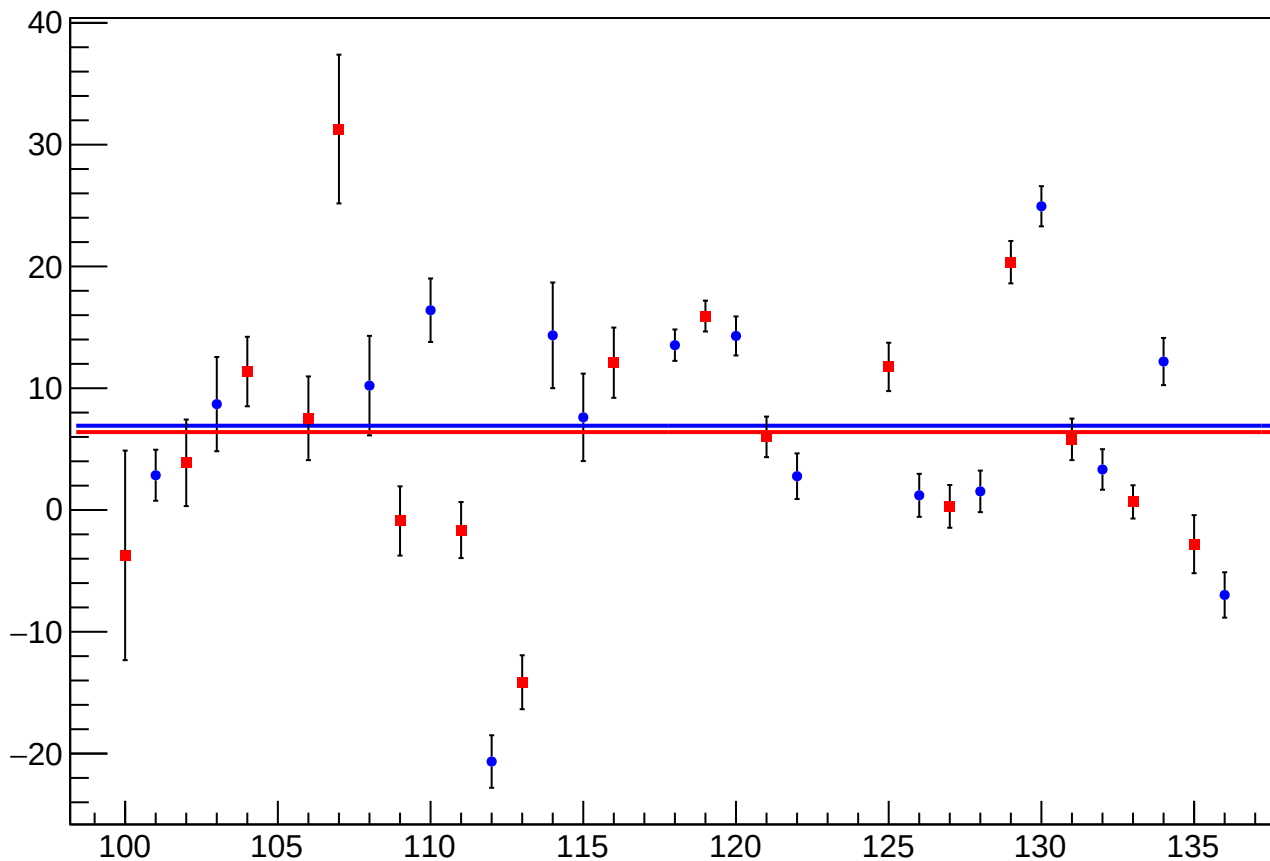
Right: 29.267+/-0.345 χ^2 /NDF: 5415.4/32

In: 27.860+/-0.482 χ^2 /NDF:2474.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 29.267+/-0.345 χ^2 /NDF: 5415.4/32

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: 6.397+/-0.506 χ^2/NDF : 303.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

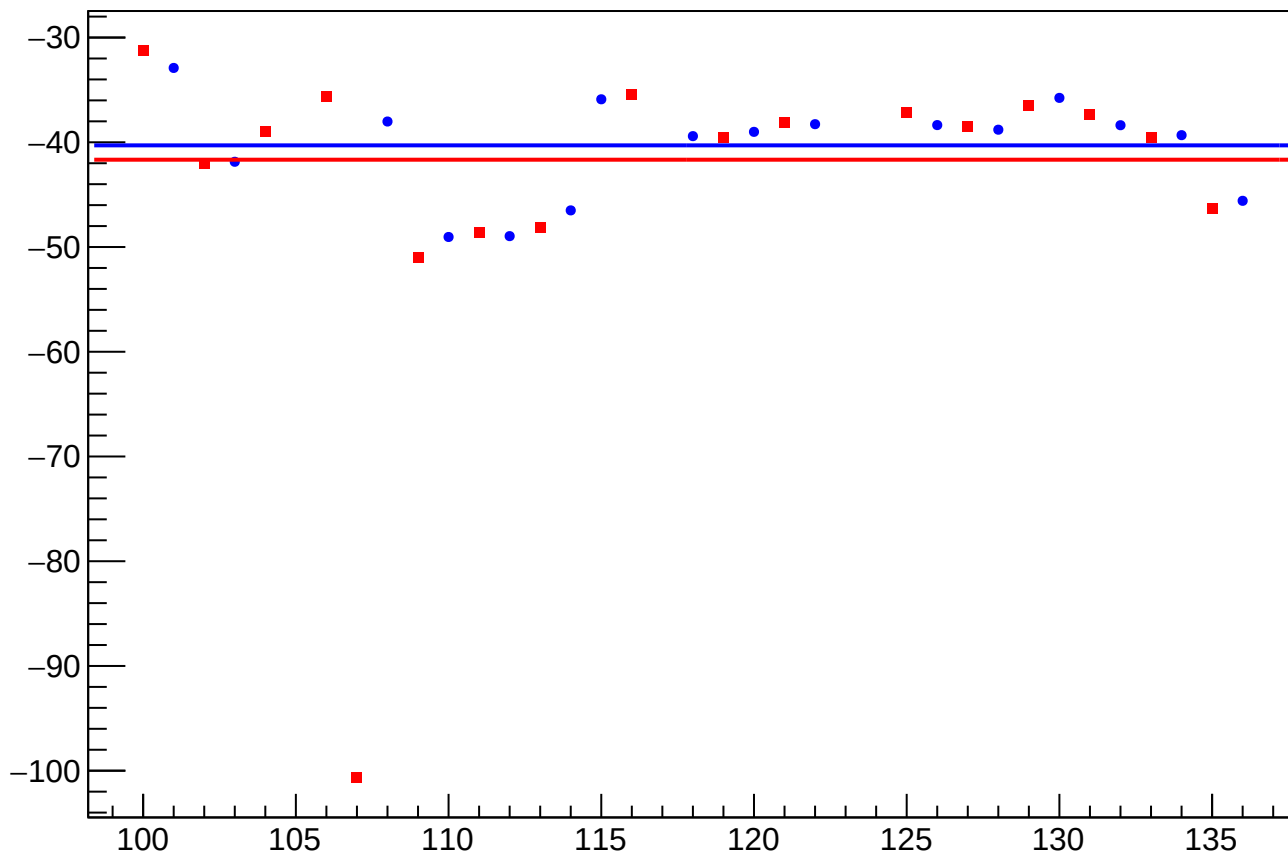
Right: 6.665+/-0.354 χ^2/NDF : 748.2/32

In: 6.922+/-0.496 χ^2/NDF :444.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.665+/-0.354 χ^2/NDF : 748.2/32

reg_asym_usl_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.293 $\pm$ 0.031 χ^2 /NDF: 20663.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -41.663 $\pm$ 0.033 χ^2 /NDF: 57647.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

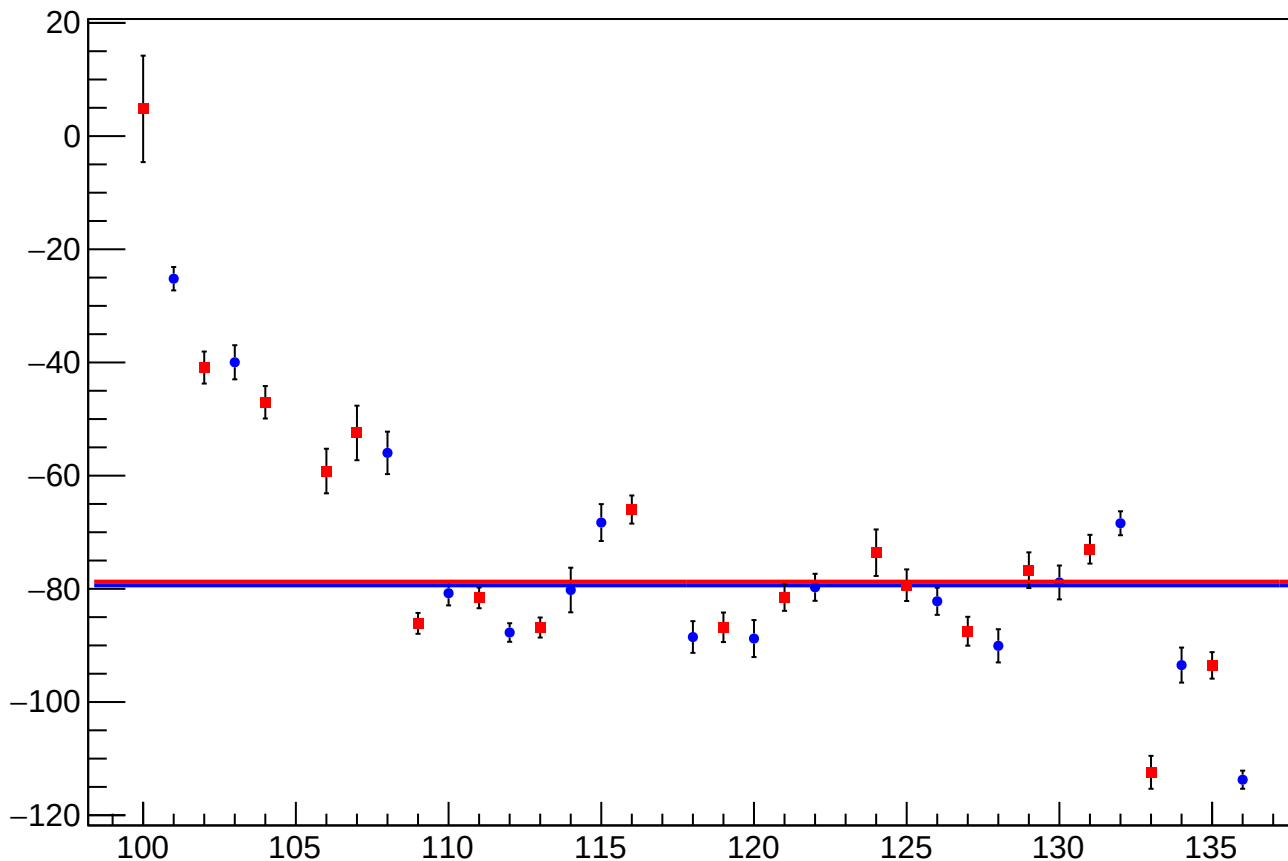
Right: -40.951 $\pm$ 0.023 χ^2 /NDF: 79224.7/32

In: -40.293 $\pm$ 0.031 χ^2 /NDF:20663.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -40.951 $\pm$ 0.023 χ^2 /NDF: 79224.7/32

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: -78.727+/-0.614 χ^2/NDF : 703.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

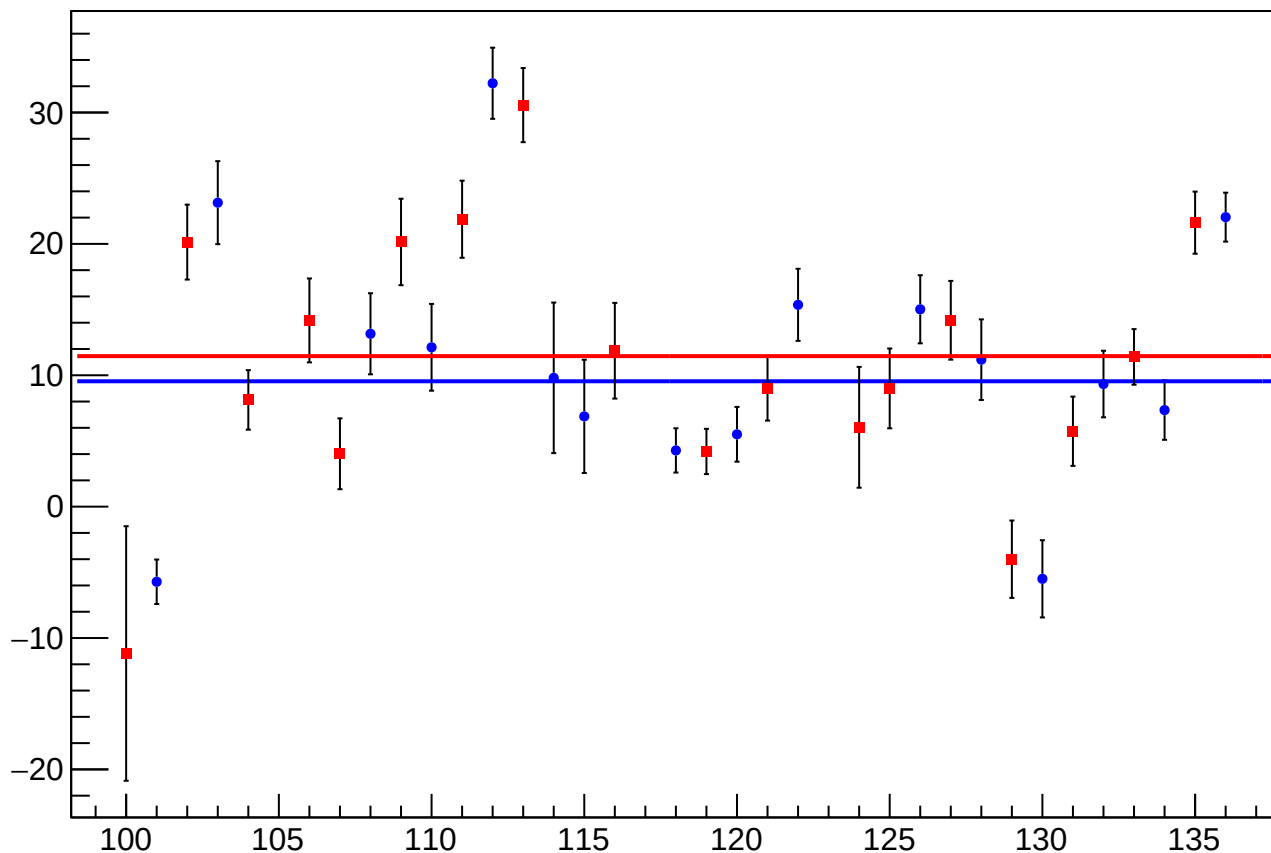
Right: -79.056+/-0.433 χ^2/NDF : 2180.2/33

In: -79.382+/-0.611 χ^2/NDF :1475.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -79.056+/-0.433 χ^2/NDF : 2180.2/33

reg_asym_usr_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.543+/-0.621 χ^2/NDF : 267.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.457+/-0.645 χ^2/NDF : 163.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

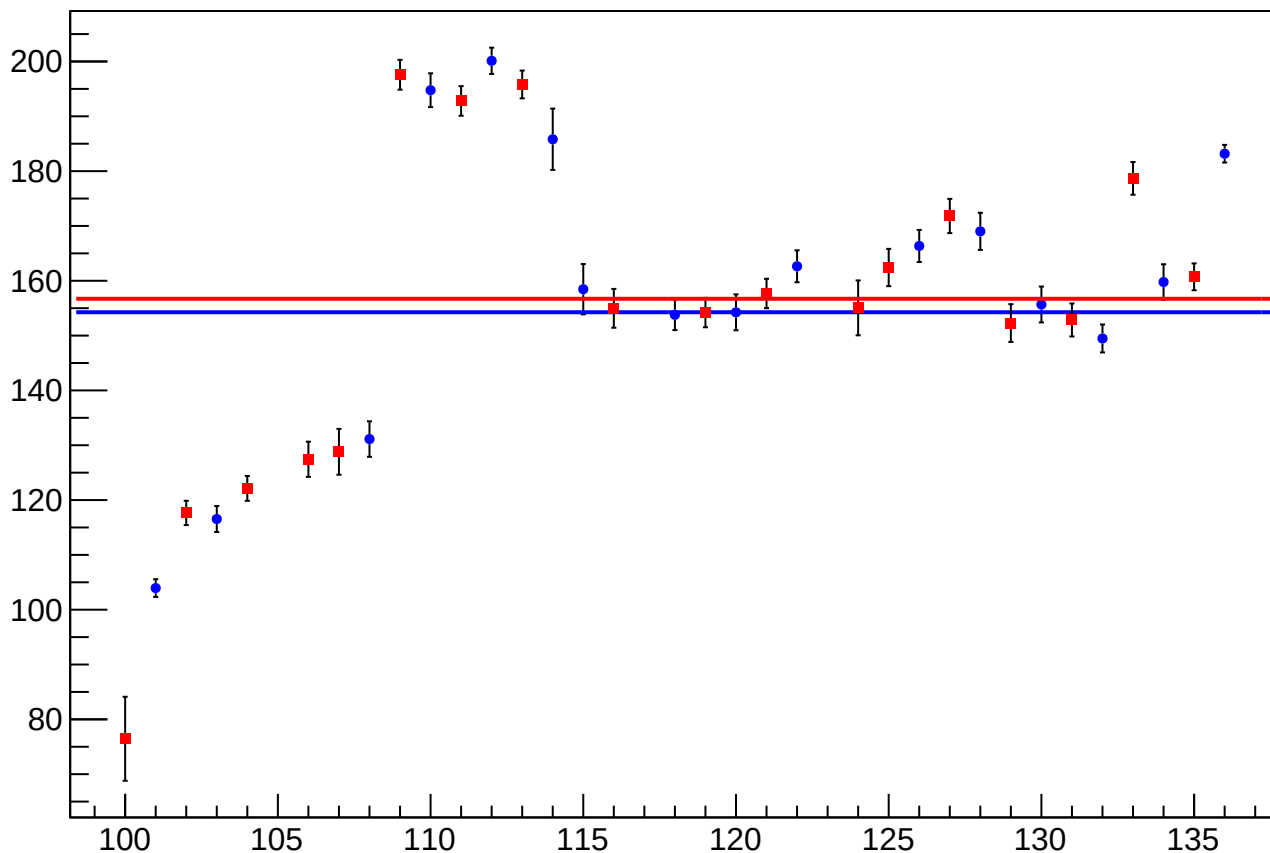
Right: 10.464+/-0.447 χ^2/NDF : 434.6/33

In: 9.543+/-0.621 χ^2/NDF : 267.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.464+/-0.447 χ^2/NDF : 434.6/33

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: 156.716 $\pm$ 0.697 χ^2 /NDF: 1512.7/17

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

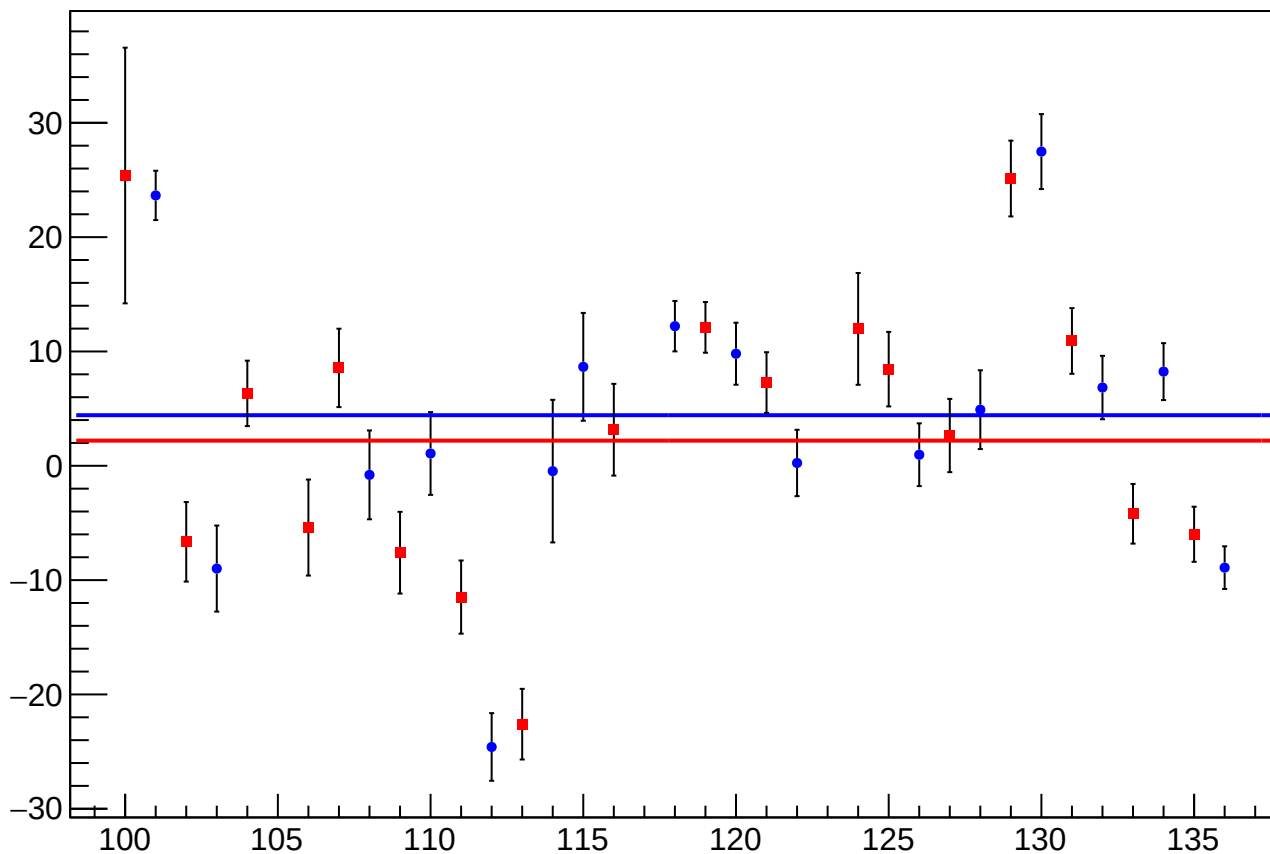
Right: 155.424 $\pm$ 0.480 χ^2 /NDF: 3733.0/33

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: 155.424 $\pm$ 0.480 χ^2 /NDF: 3733.0/33

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: 2.199+/-0.744 χ^2/NDF : 215.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

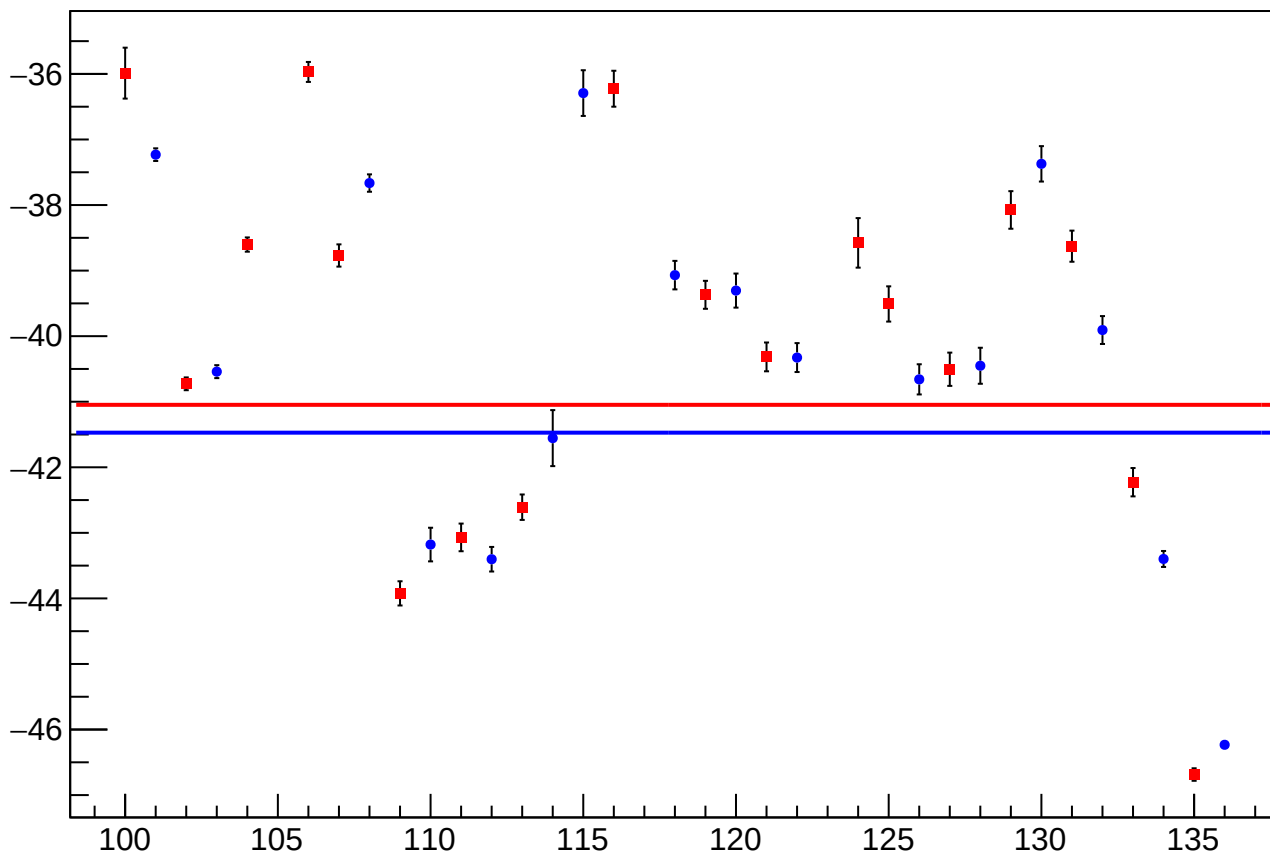
Right: 3.357+/-0.515 χ^2/NDF : 536.6/33

In: 4.424+/-0.714 χ^2/NDF : 316.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.357+/-0.515 χ^2/NDF : 536.6/33

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: -41.047 ± 0.041 χ^2/NDF : 6565.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

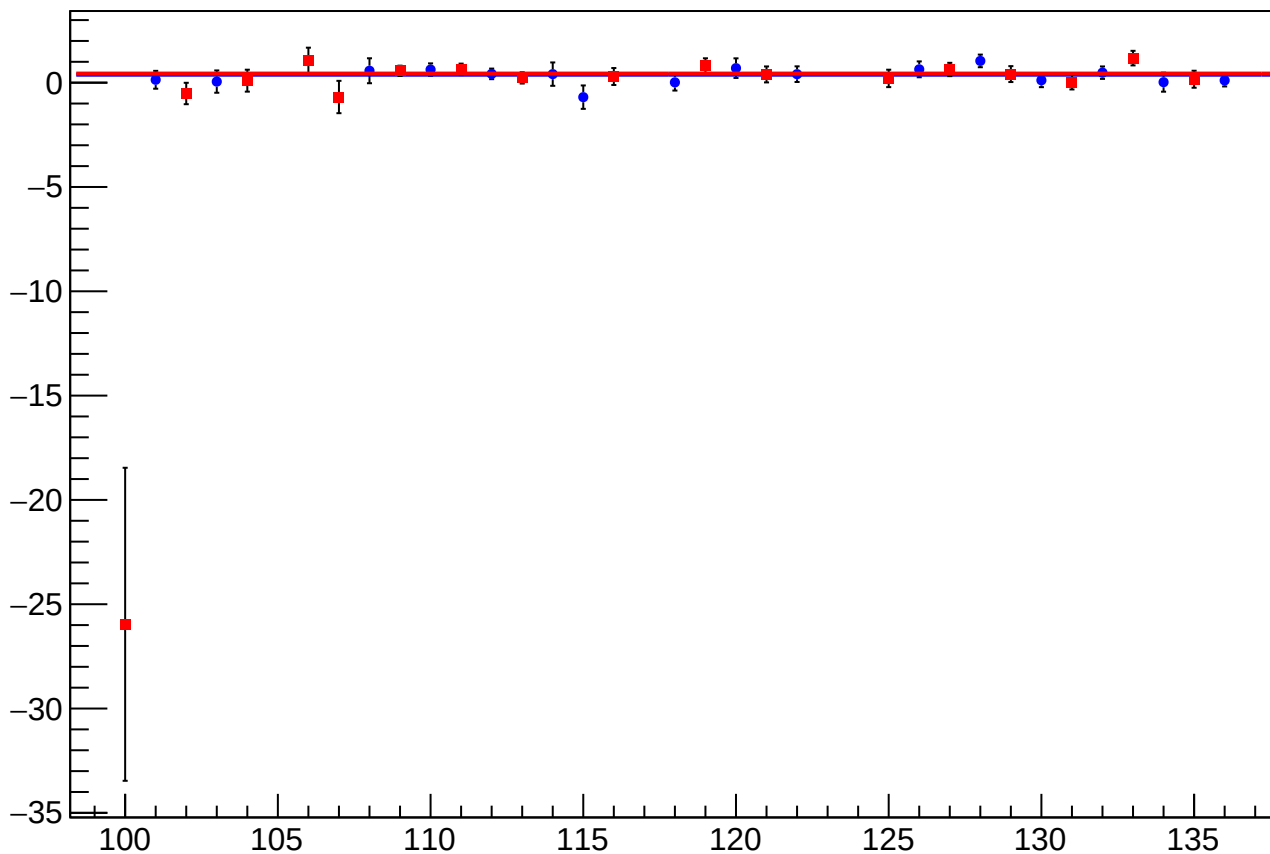
Right: -41.273 ± 0.028 χ^2/NDF : 14535.5/33

In: -41.472 ± 0.038 χ^2/NDF : 7912.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.273 ± 0.028 χ^2/NDF : 14535.5/33

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 $\pm$ 0.091 χ^2 /NDF: 29.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

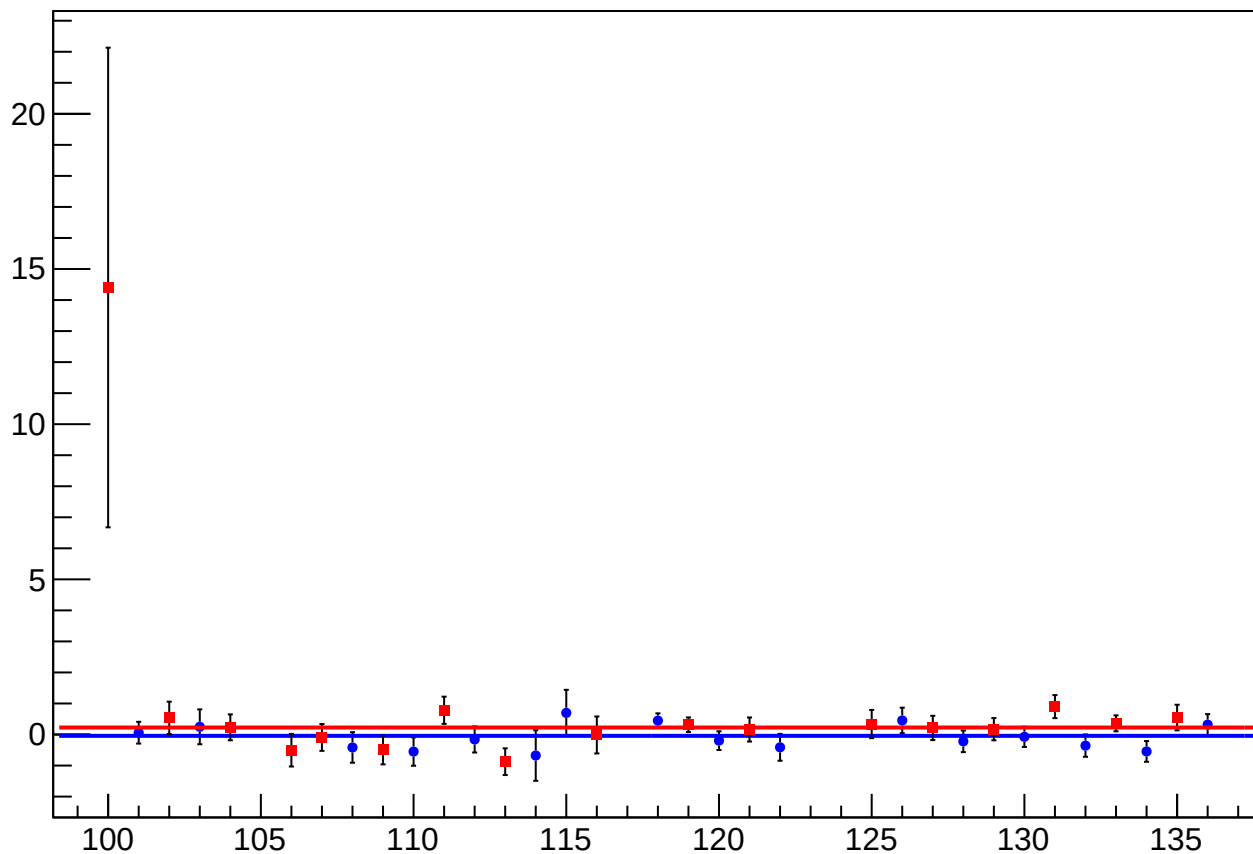
Right: 0.409 $\pm$ 0.065 χ^2 /NDF: 43.2/32

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: 0.409 $\pm$ 0.065 χ^2 /NDF: 43.2/32

reg_asym_dsl_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.043 ± 0.094 $\chi^2/\text{NDF}: 15.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.226 ± 0.096 $\chi^2/\text{NDF}: 21.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

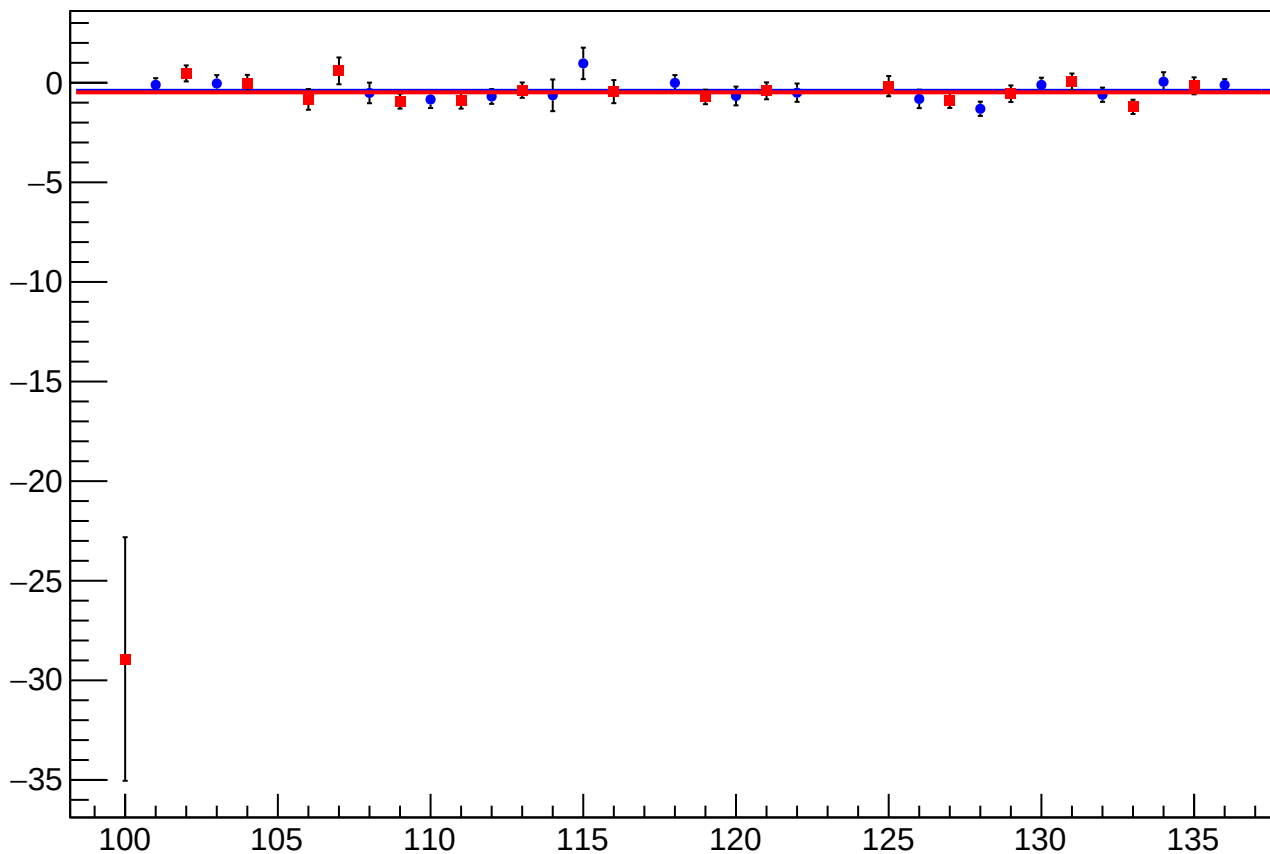
Right: 0.089 ± 0.067 $\chi^2/\text{NDF}: 40.4/32$

In: -0.043 ± 0.094 $\chi^2/\text{NDF}: 15.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.089 ± 0.067 $\chi^2/\text{NDF}: 40.4/32$

reg_asym_dsl_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -0.406 $\pm$ 0.103 χ^2 /NDF: 17.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.482 $\pm$ 0.106 χ^2 /NDF: 42.2/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

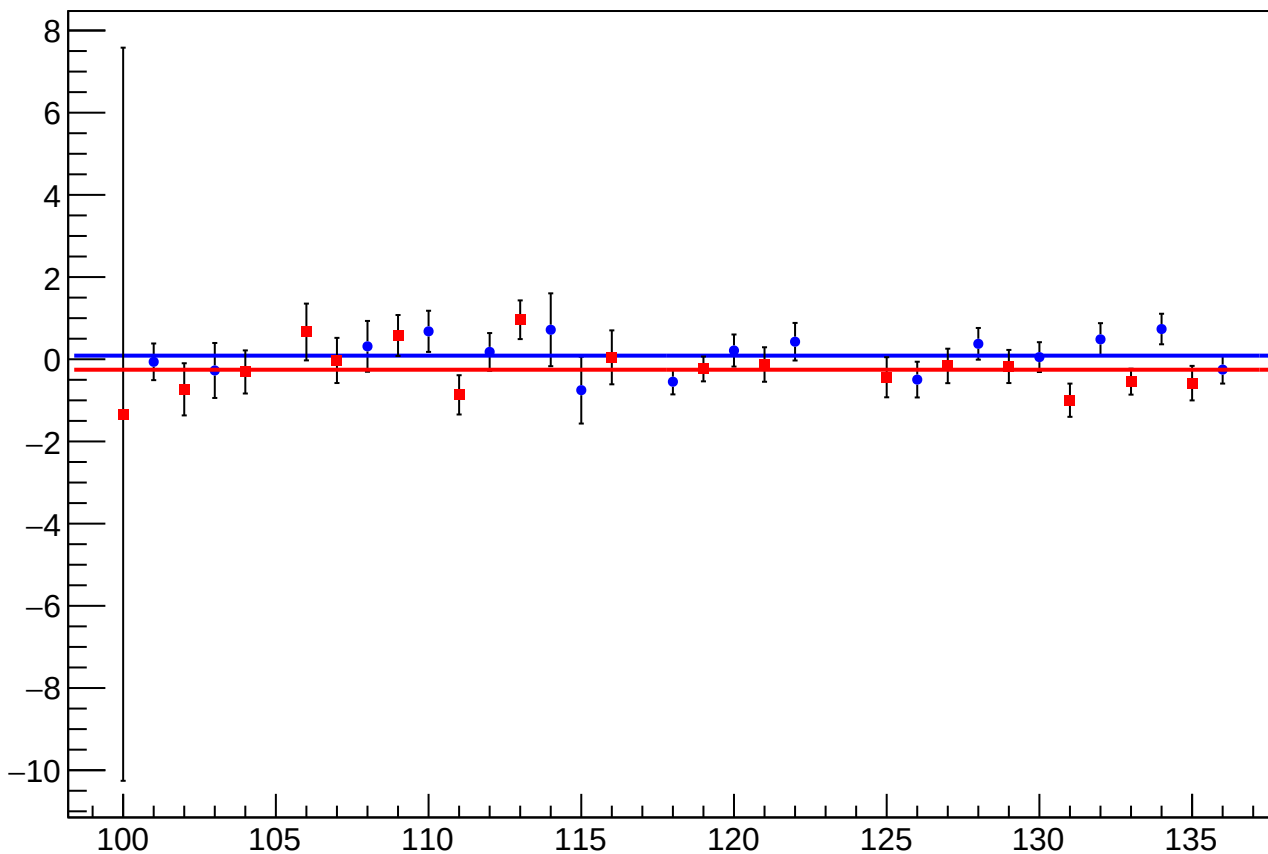
Right: -0.443 $\pm$ 0.074 χ^2 /NDF: 60.2/32

In: -0.406 $\pm$ 0.103 χ^2 /NDF:17.8/15

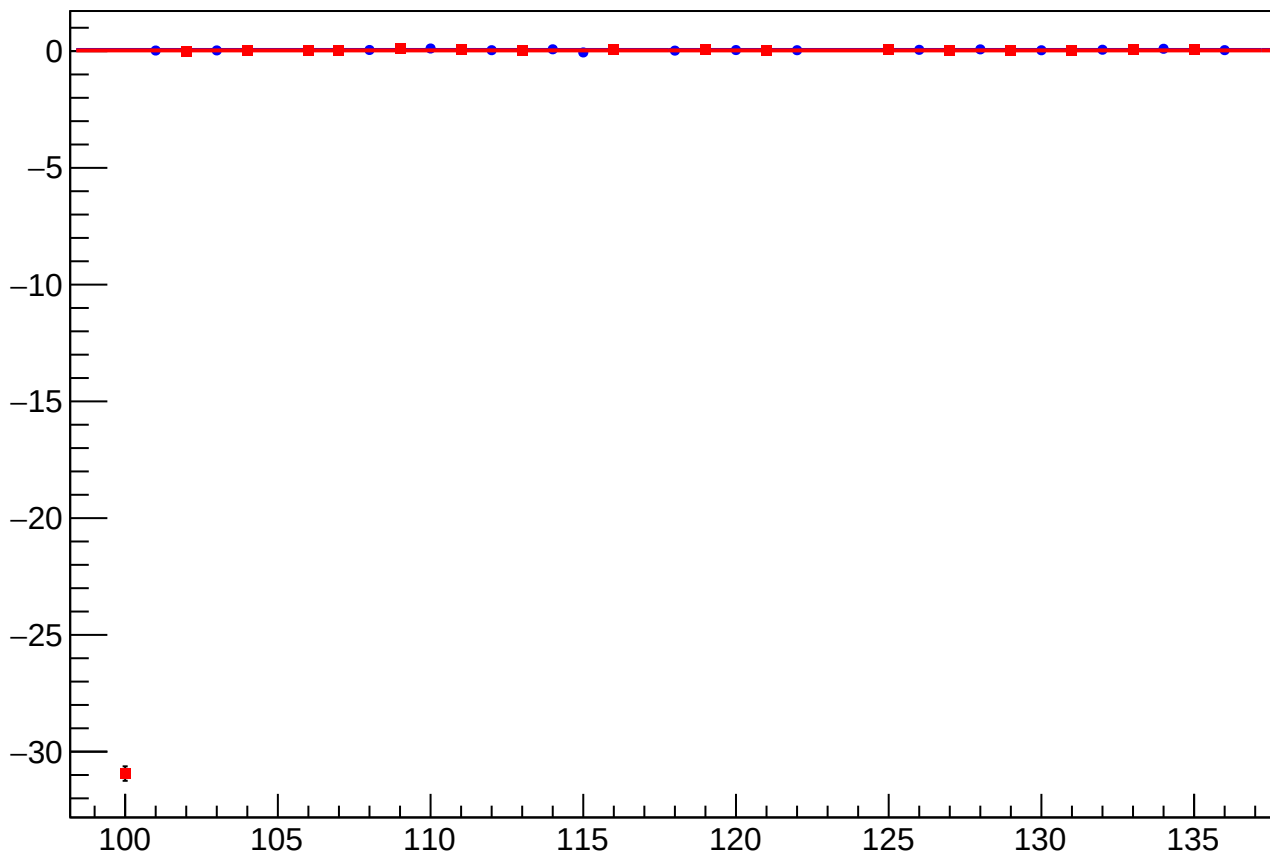
Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.443 $\pm$ 0.074 χ^2 /NDF: 60.2/32

reg_asym_dsl_diff_bpm4eY_slope vs Slug, Sign Corrected



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: 0.031 $\pm$ 0.007 χ^2 /NDF: 10017.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

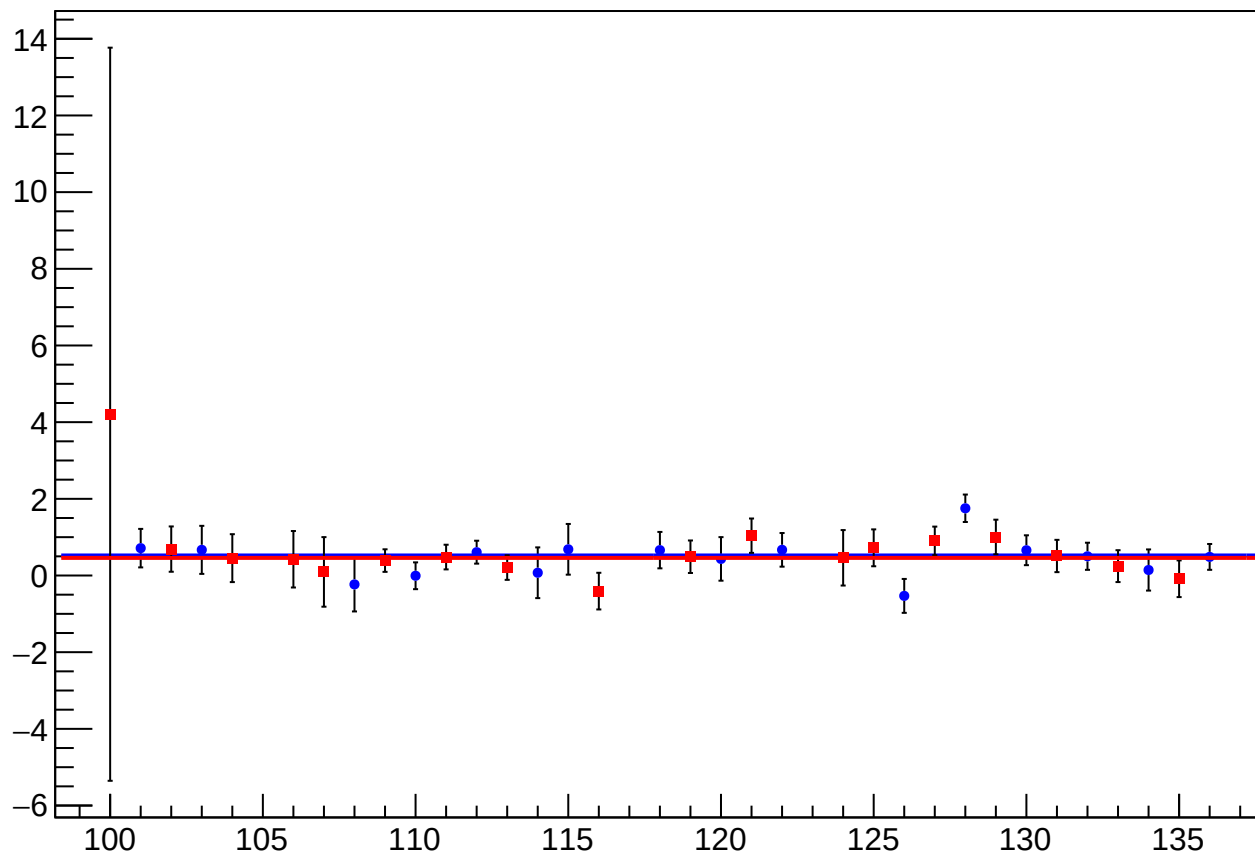
Right: 0.040 $\pm$ 0.005 χ^2 /NDF: 10040.2/32

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: 0.040 $\pm$ 0.005 χ^2 /NDF: 10040.2/32

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: 0.460+/-0.106 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

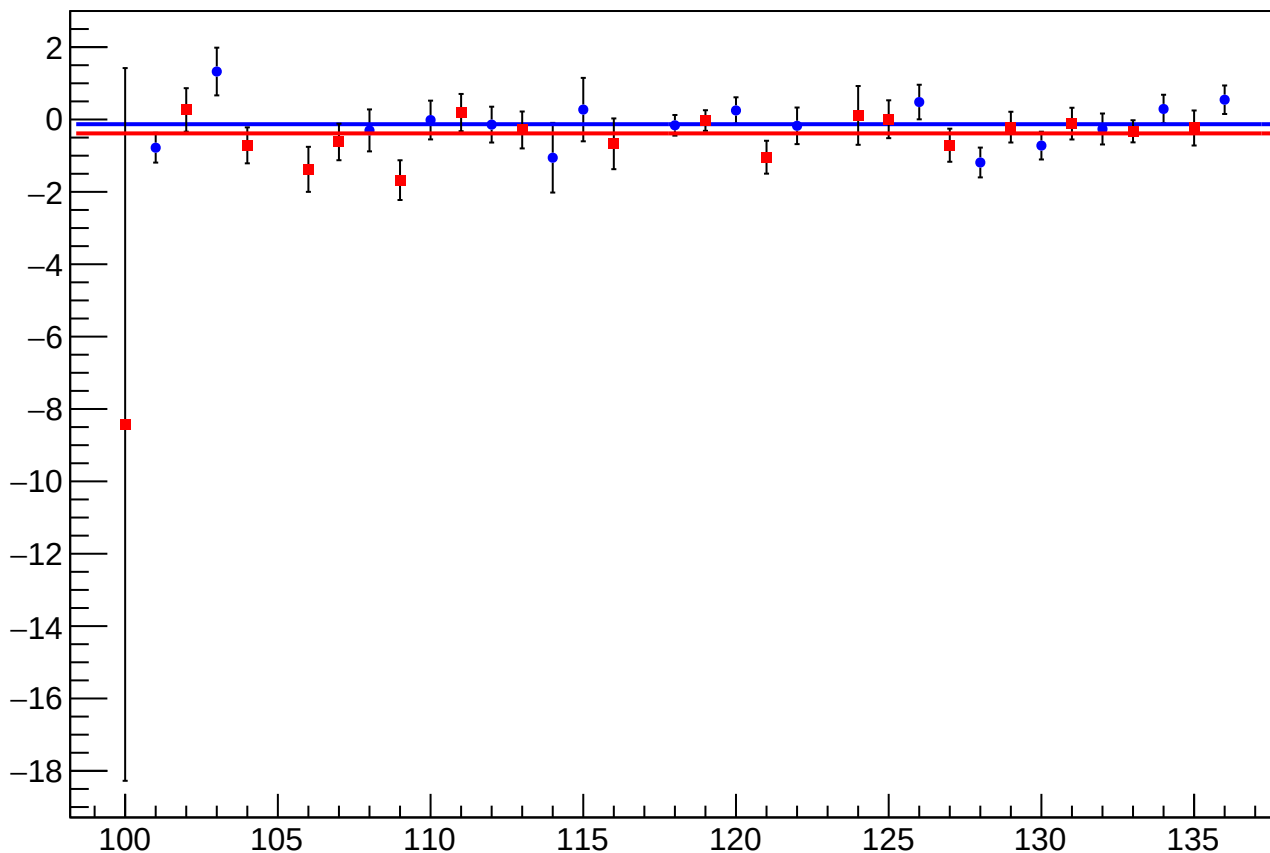
Right: 0.490+/-0.076 χ^2/NDF : 33.6/33

In: 0.522+/-0.108 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.490+/-0.076 χ^2/NDF : 33.6/33

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: -0.384 ± 0.112 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

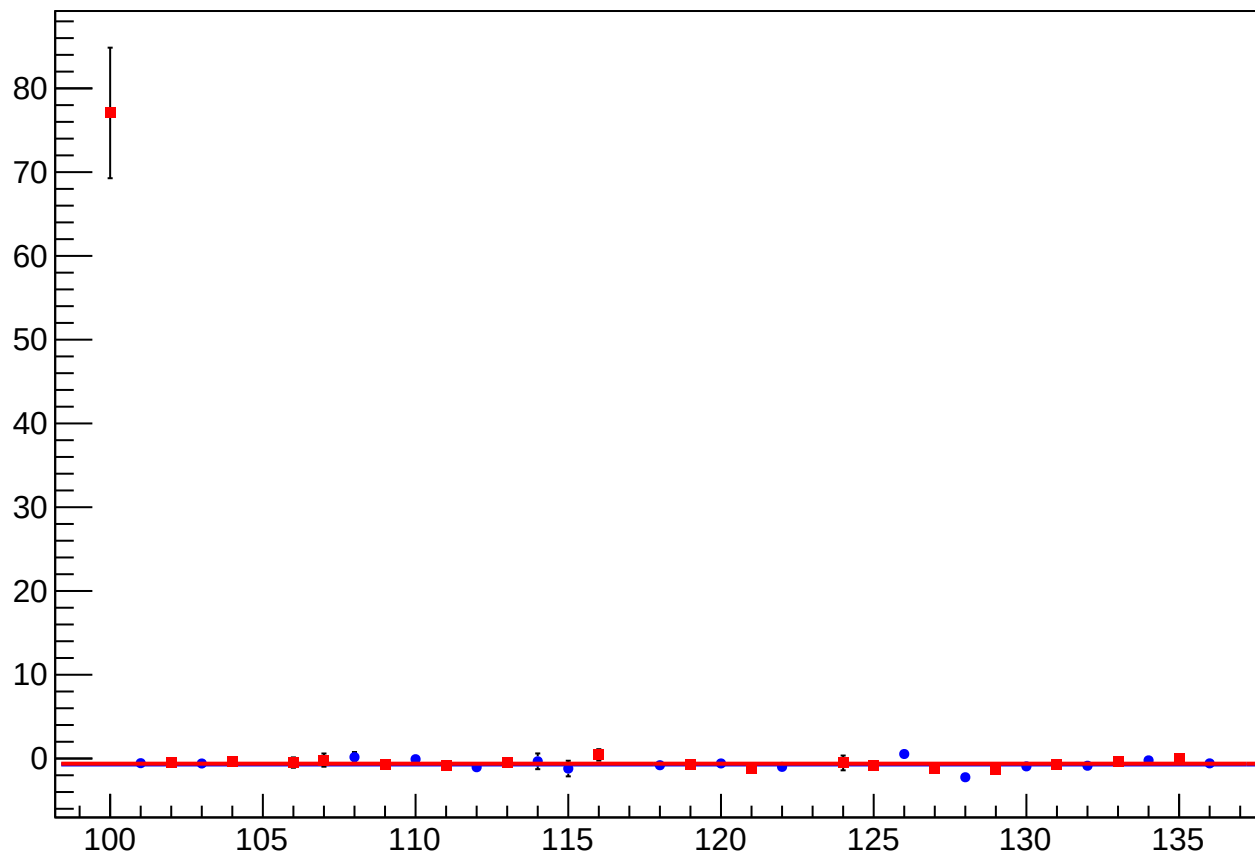
Right: -0.256 ± 0.079 χ^2/NDF : 45.0/33

In: -0.130 ± 0.112 χ^2/NDF : 24.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.256 ± 0.079 χ^2/NDF : 45.0/33

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: -0.615 ± 0.124 $\chi^2/\text{NDF}: 110.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

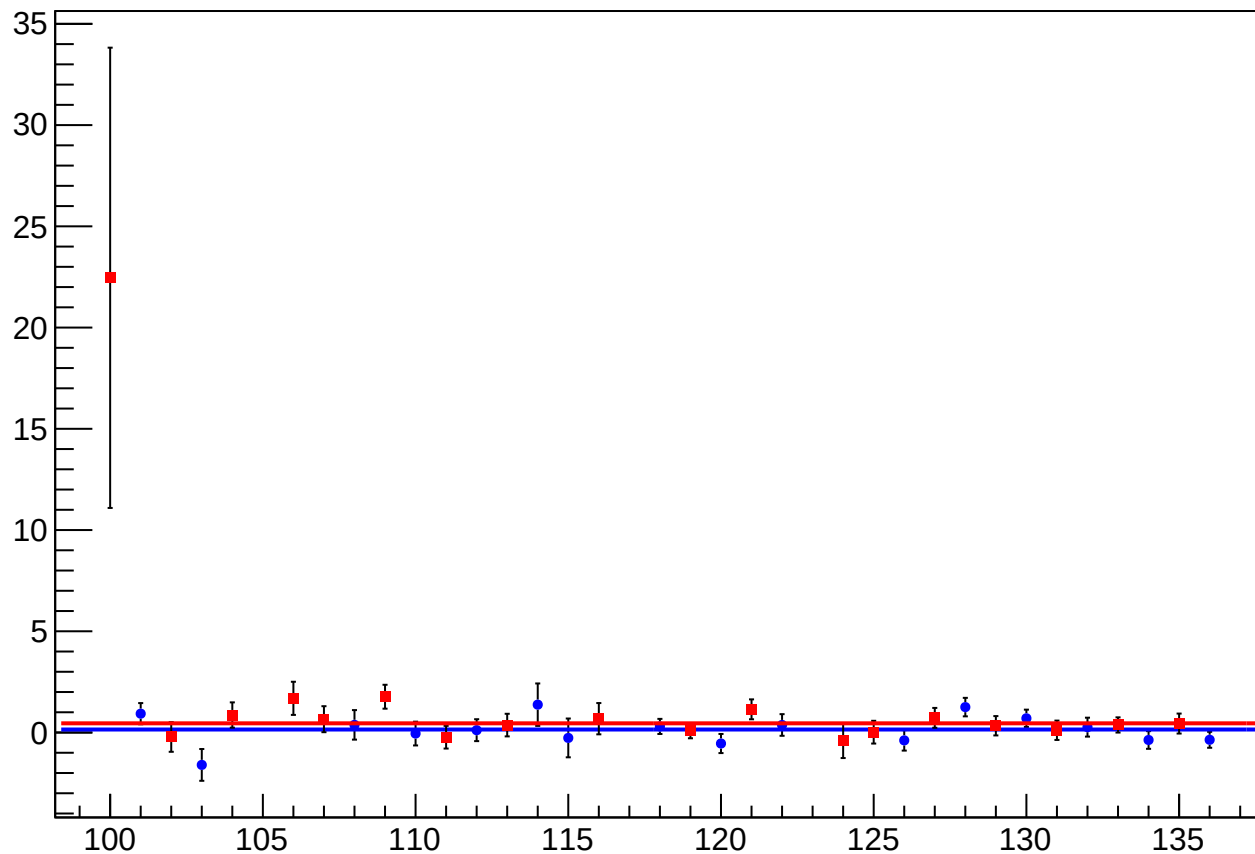
Right: -0.665 ± 0.087 $\chi^2/\text{NDF}: 135.5/33$

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: -0.665 ± 0.087 $\chi^2/\text{NDF}: 135.5/33$

reg_asym_dsr_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.148+/-0.128 χ^2/NDF : 23.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.454+/-0.130 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

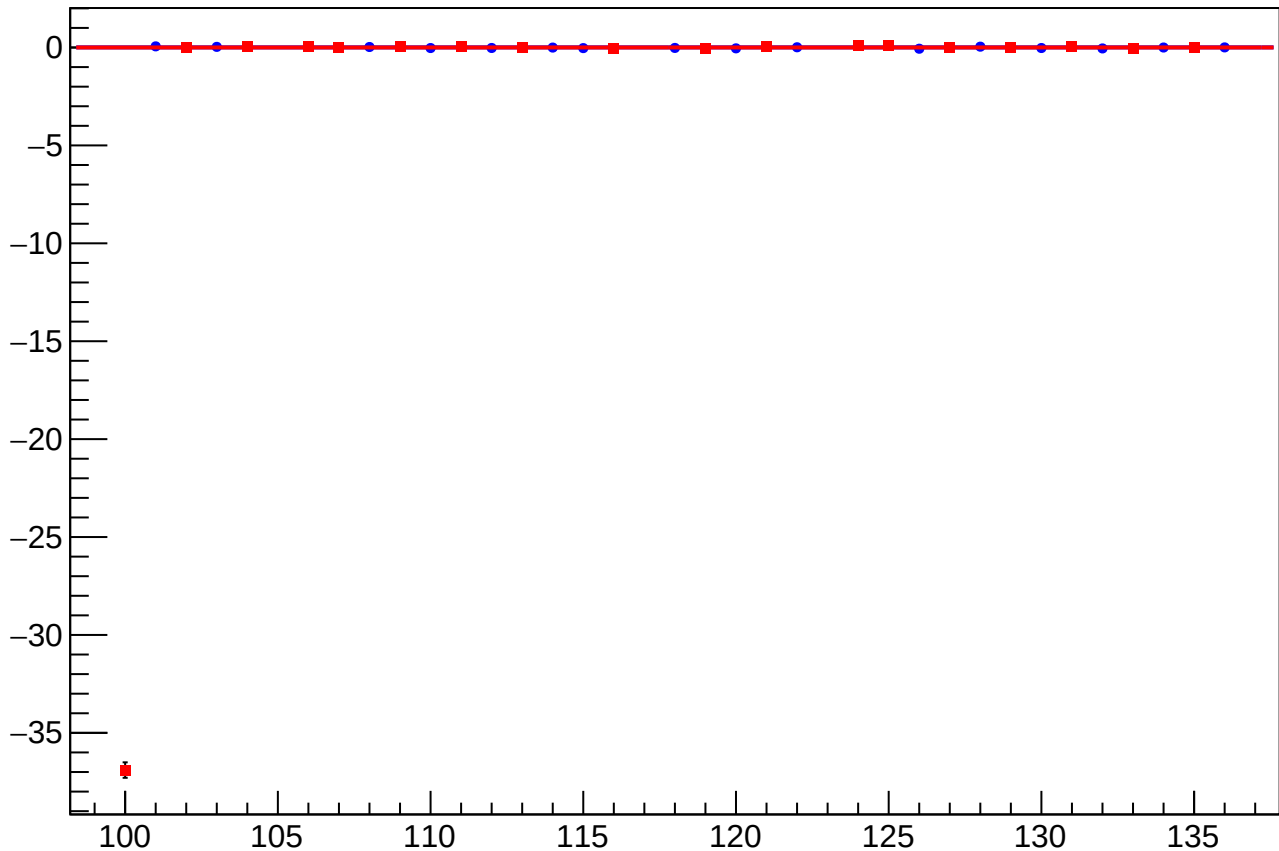
Right: 0.299+/-0.091 χ^2/NDF : 45.6/33

In: 0.148+/-0.128 χ^2/NDF : 23.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.299+/-0.091 χ^2/NDF : 45.6/33

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 $\pm$ 0.008 χ^2 /NDF: 8753.3/17

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

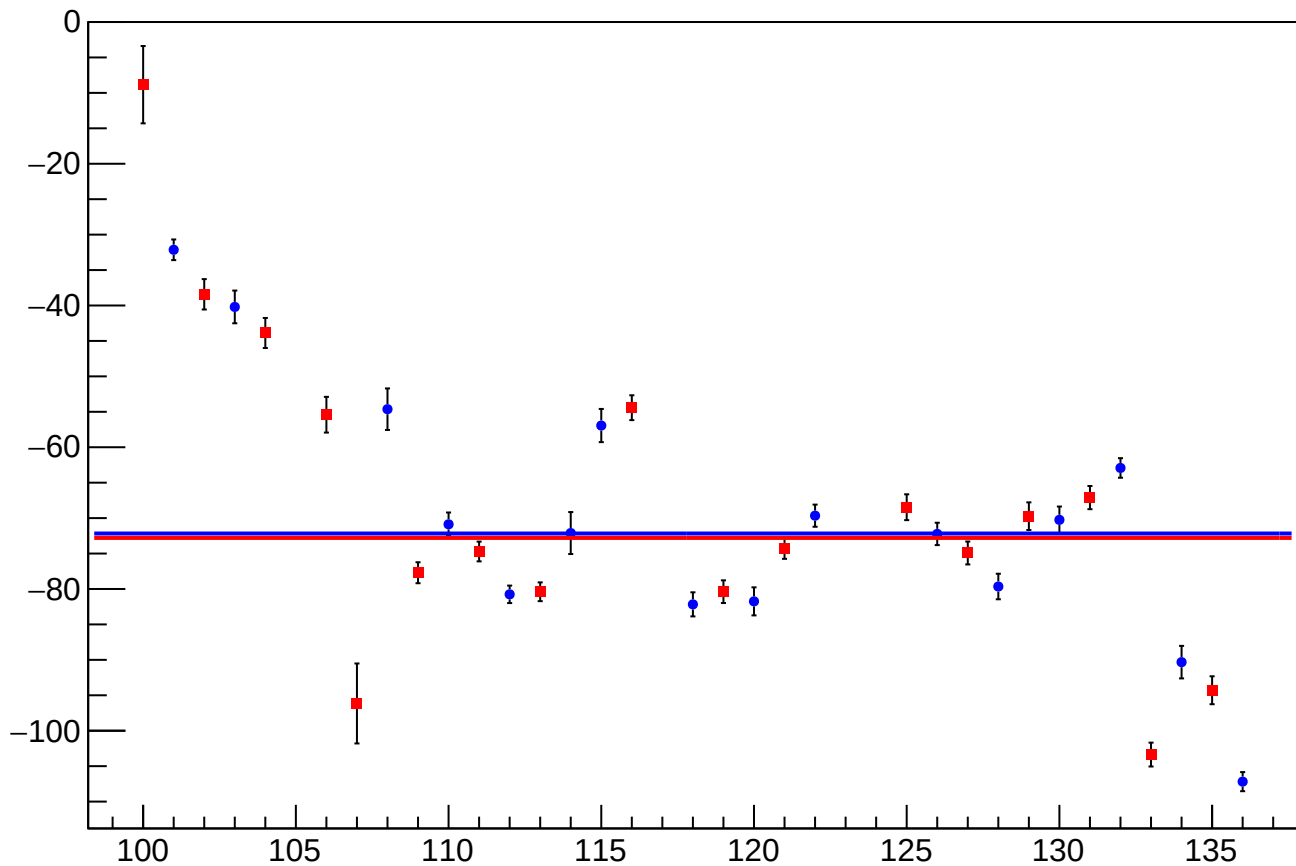
Right: 0.004 $\pm$ 0.005 χ^2 /NDF: 8771.0/33

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: 8771.0/33

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: -72.796+/-0.435 χ^2/NDF : 1294.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

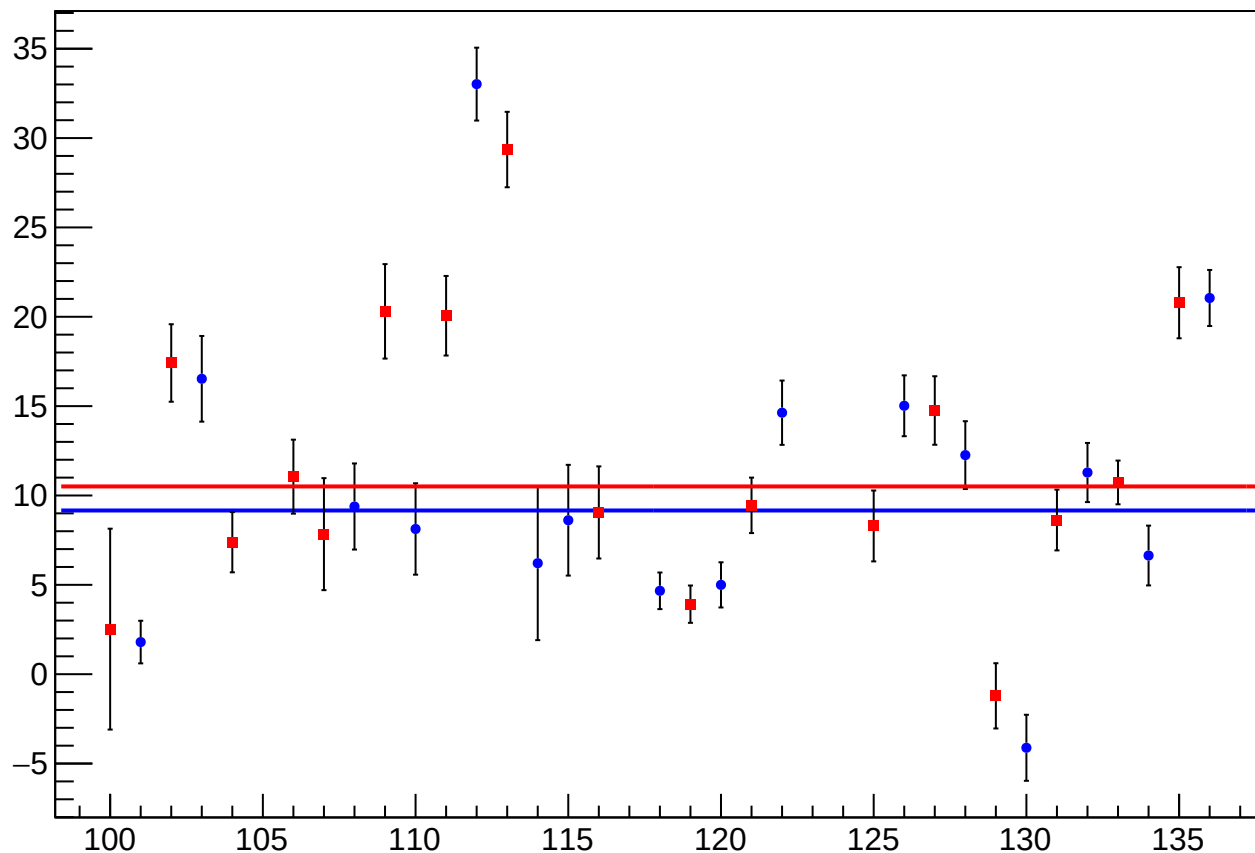
Right: -72.482+/-0.307 χ^2/NDF : 3231.3/32

In: -72.173+/-0.432 χ^2/NDF : 1936.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -72.482+/-0.307 χ^2/NDF : 3231.3/32

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: 10.506+/-0.444 χ^2/NDF : 244.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

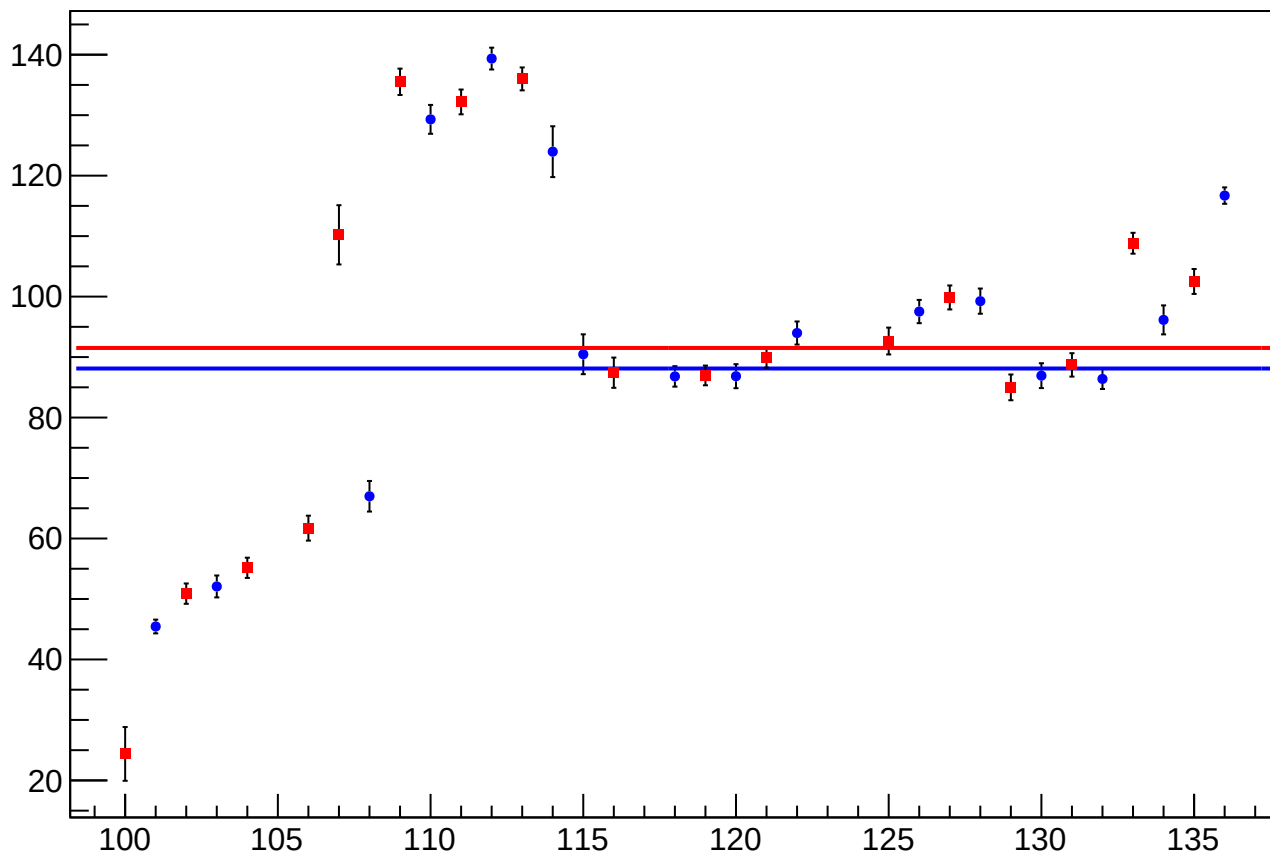
Right: 9.805+/-0.307 χ^2/NDF : 601.1/32

In: 9.161+/-0.425 χ^2/NDF : 352.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.805+/-0.307 χ^2/NDF : 601.1/32

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: 91.507+/-0.490 χ^2/NDF : 3030.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

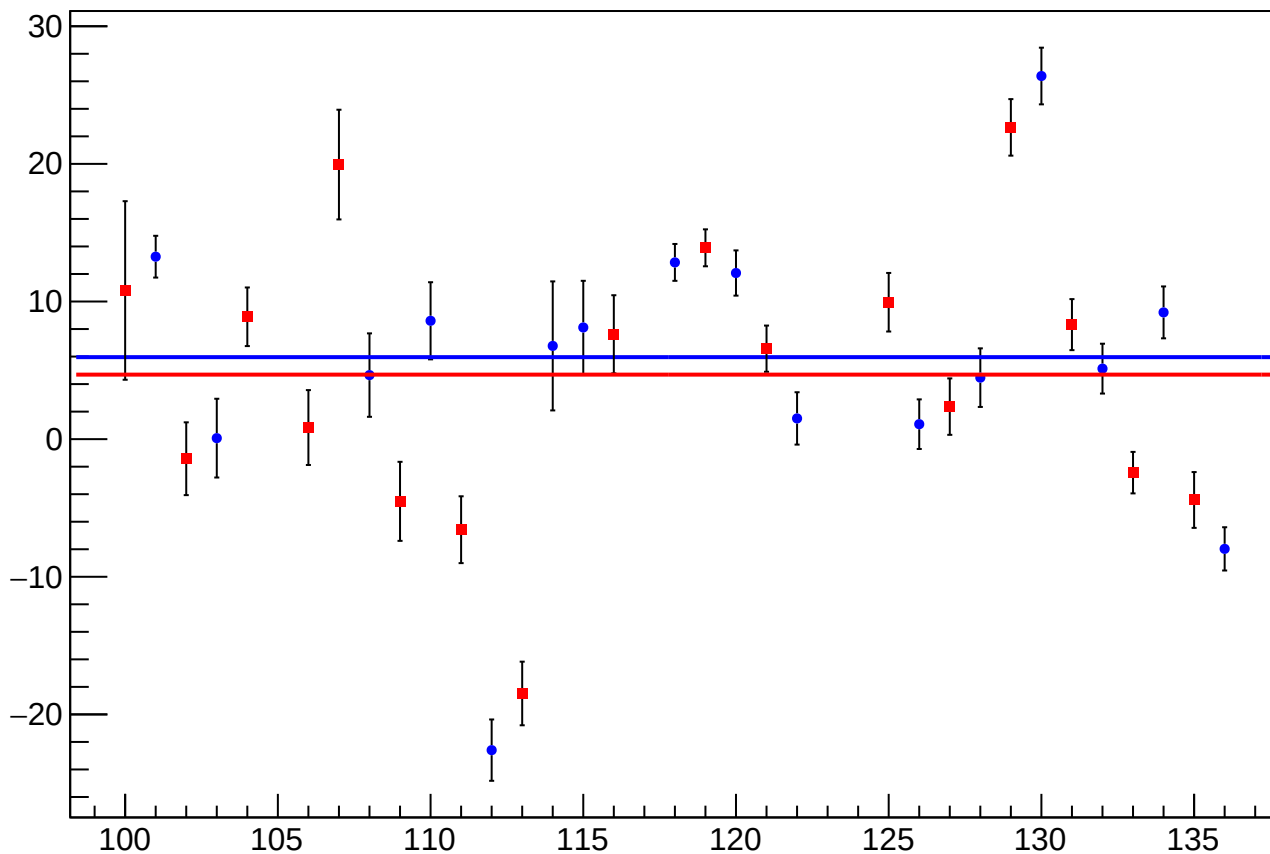
Right: 89.733+/-0.339 χ^2/NDF : 6617.6/32

In: 88.109+/-0.469 χ^2/NDF : 3561.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 89.733+/-0.339 χ^2/NDF : 6617.6/32

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: 4.688+/-0.515 χ^2/NDF : 338.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

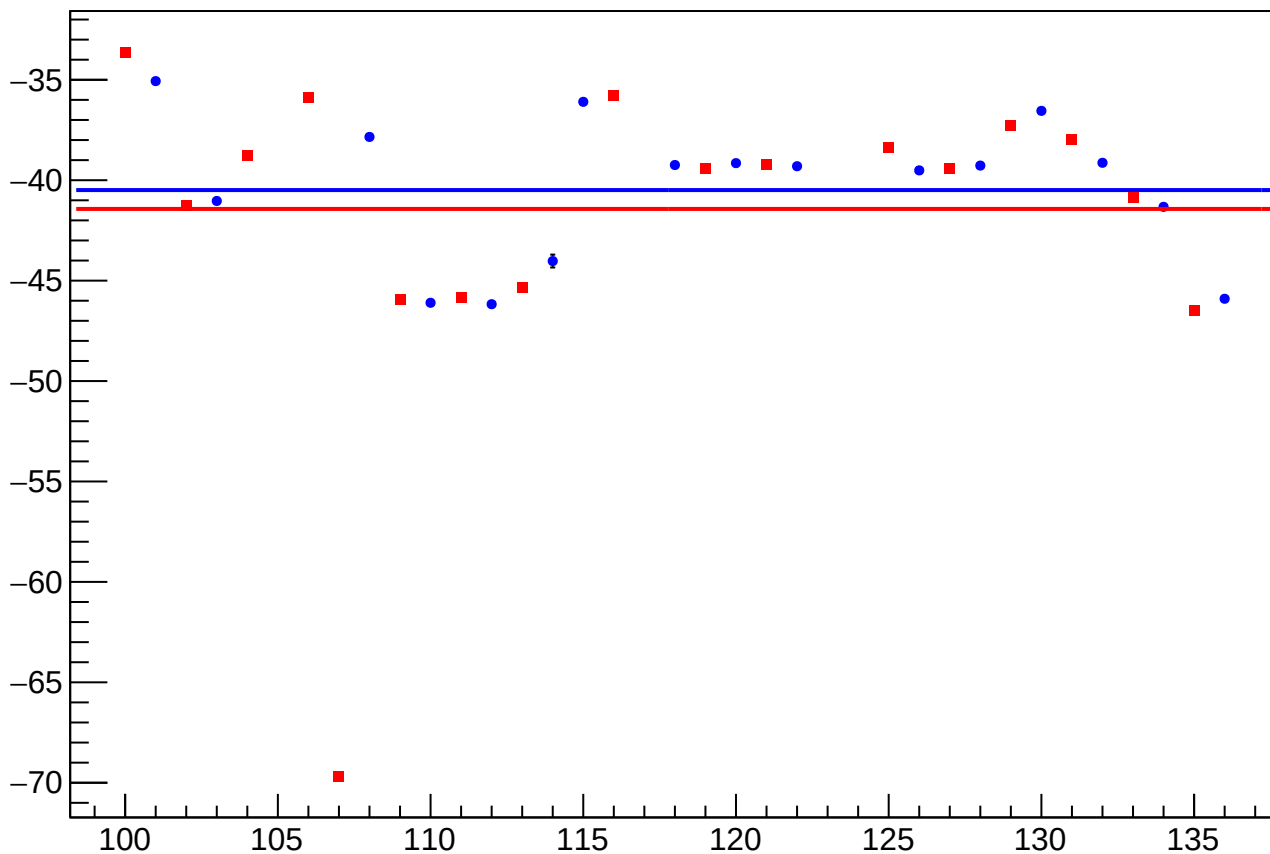
Right: 5.349+/-0.357 χ^2/NDF : 768.7/32

In: 5.958+/-0.495 χ^2/NDF : 426.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.349+/-0.357 χ^2/NDF : 768.7/32

reg_asym_us_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -40.491 ± 0.028 $\chi^2/\text{NDF}: 18125.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.430 ± 0.030 $\chi^2/\text{NDF}: 35026.1/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

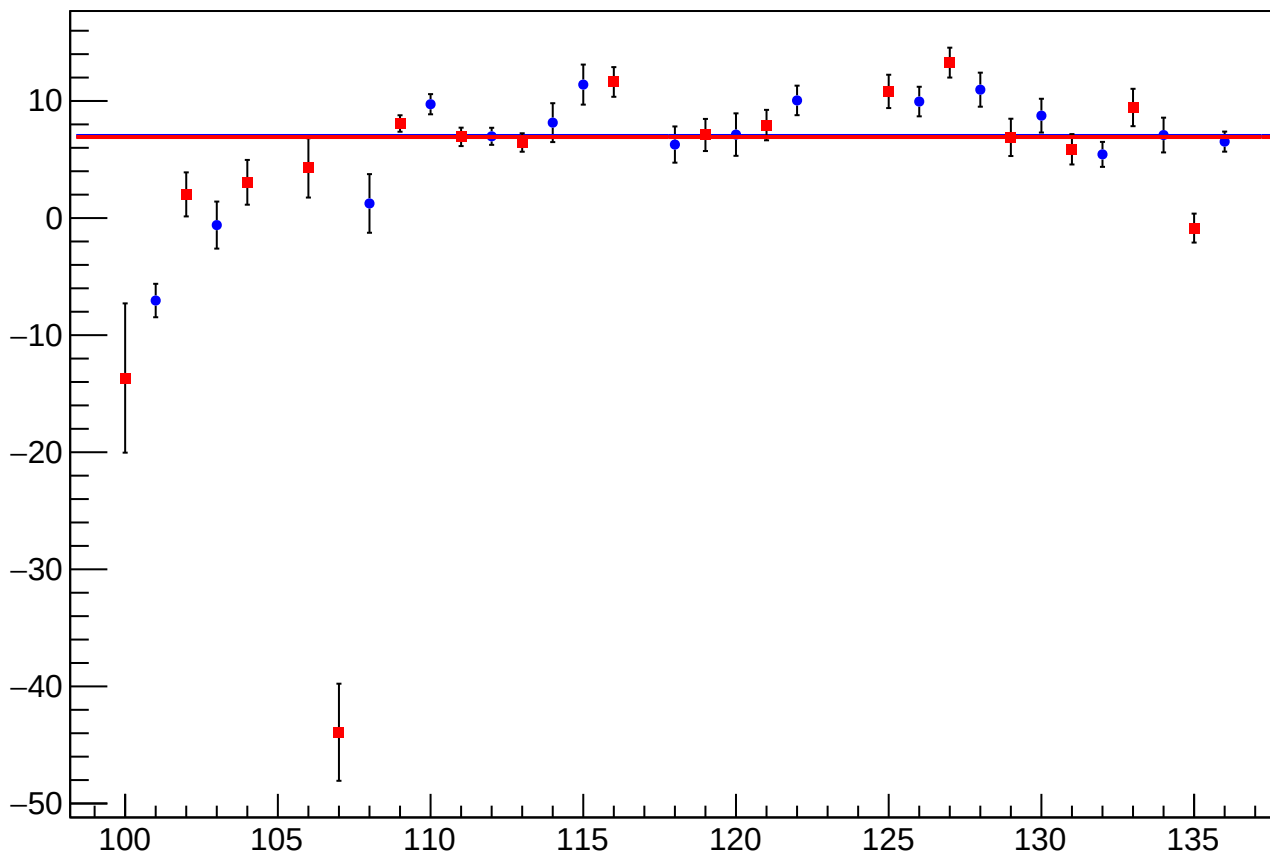
Right: -40.935 ± 0.021 $\chi^2/\text{NDF}: 53671.8/32$

In: -40.491 ± 0.028 $\chi^2/\text{NDF}: 18125.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.935 ± 0.021 $\chi^2/\text{NDF}: 53671.8/32$

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: 6.922+/-0.302 χ^2/NDF : 265.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

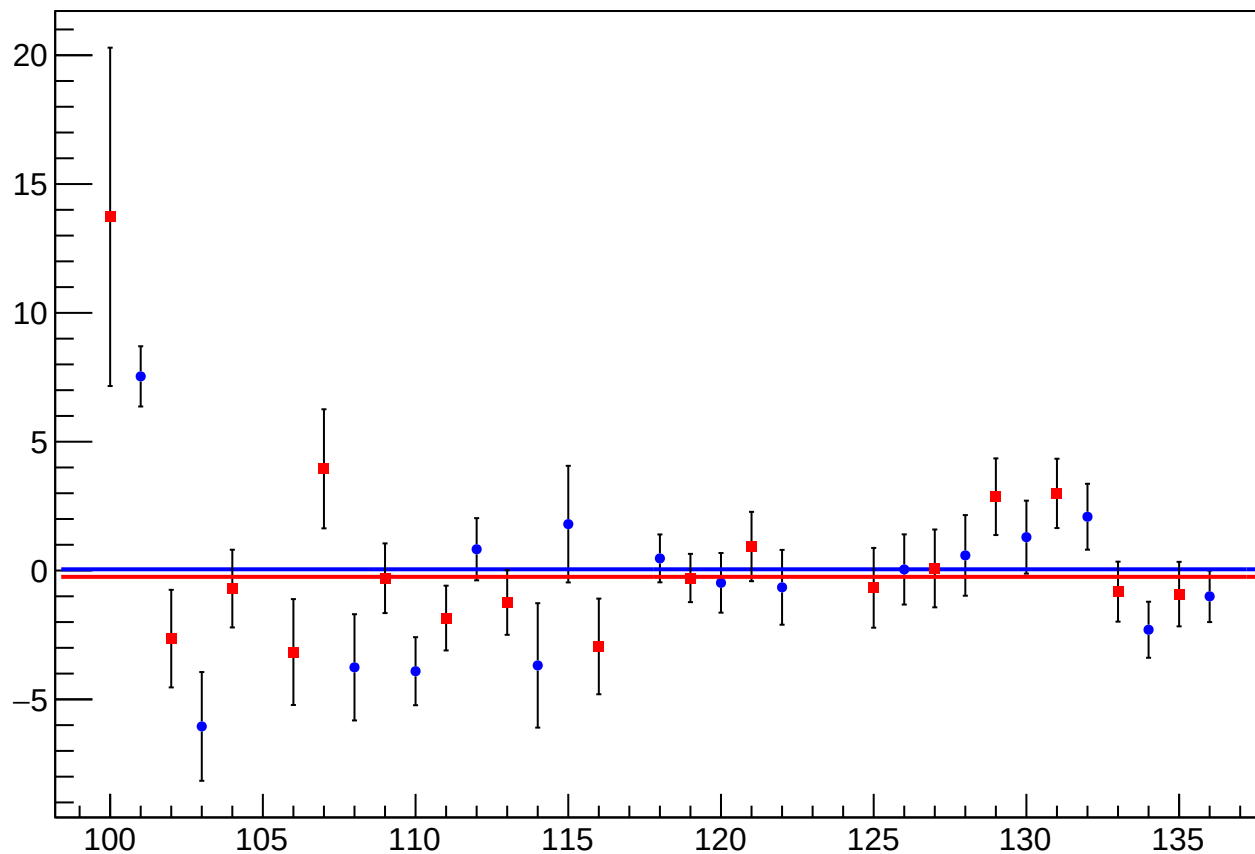
Right: 6.965+/-0.216 χ^2/NDF : 421.5/32

In: 7.011+/-0.309 χ^2/NDF : 156.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.965+/-0.216 χ^2/NDF : 421.5/32

reg_asym_us_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 0.048+/-0.331 χ^2/NDF : 75.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.349 χ^2/NDF : 27.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

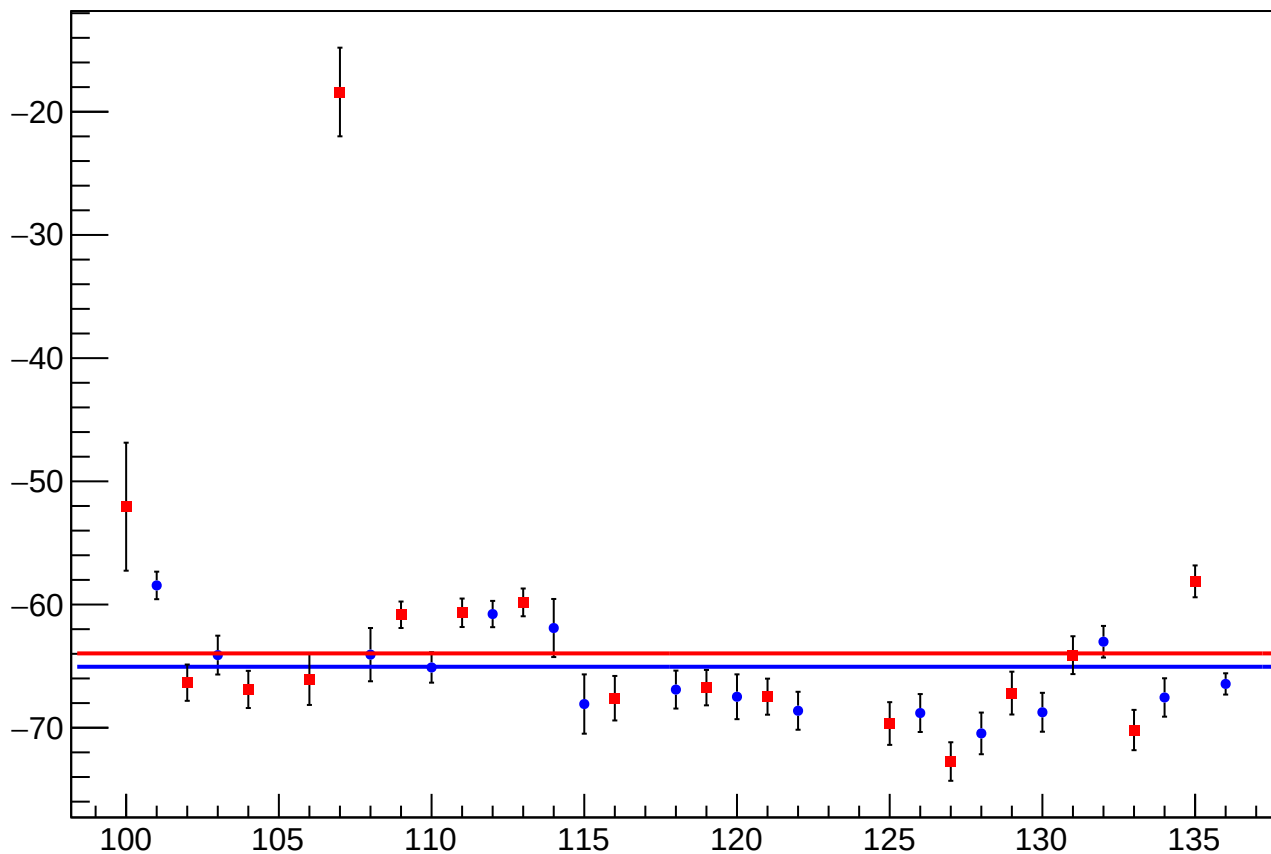
Right: -0.091+/-0.240 χ^2/NDF : 102.8/32

In: 0.048+/-0.331 χ^2/NDF : 75.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.091+/-0.240 χ^2/NDF : 102.8/32

reg_asym_us_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -65.051+/-0.354 χ^2/NDF : 92.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.966+/-0.368 χ^2/NDF : 297.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

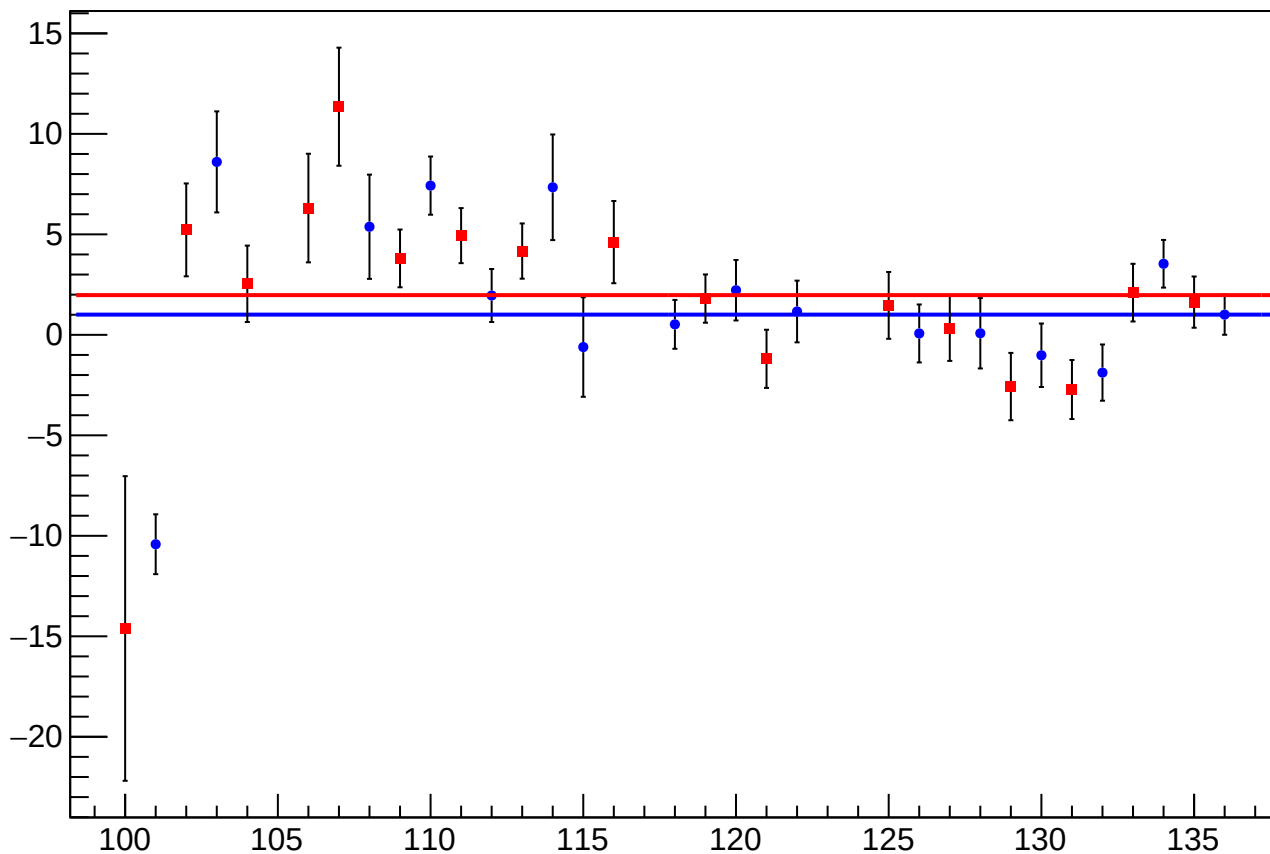
Right: -64.530+/-0.255 χ^2/NDF : 394.7/32

In: -65.051+/-0.354 χ^2/NDF : 92.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -64.530+/-0.255 χ^2/NDF : 394.7/32

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: 1.976 $\pm$ 0.397 χ^2 /NDF: 53.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

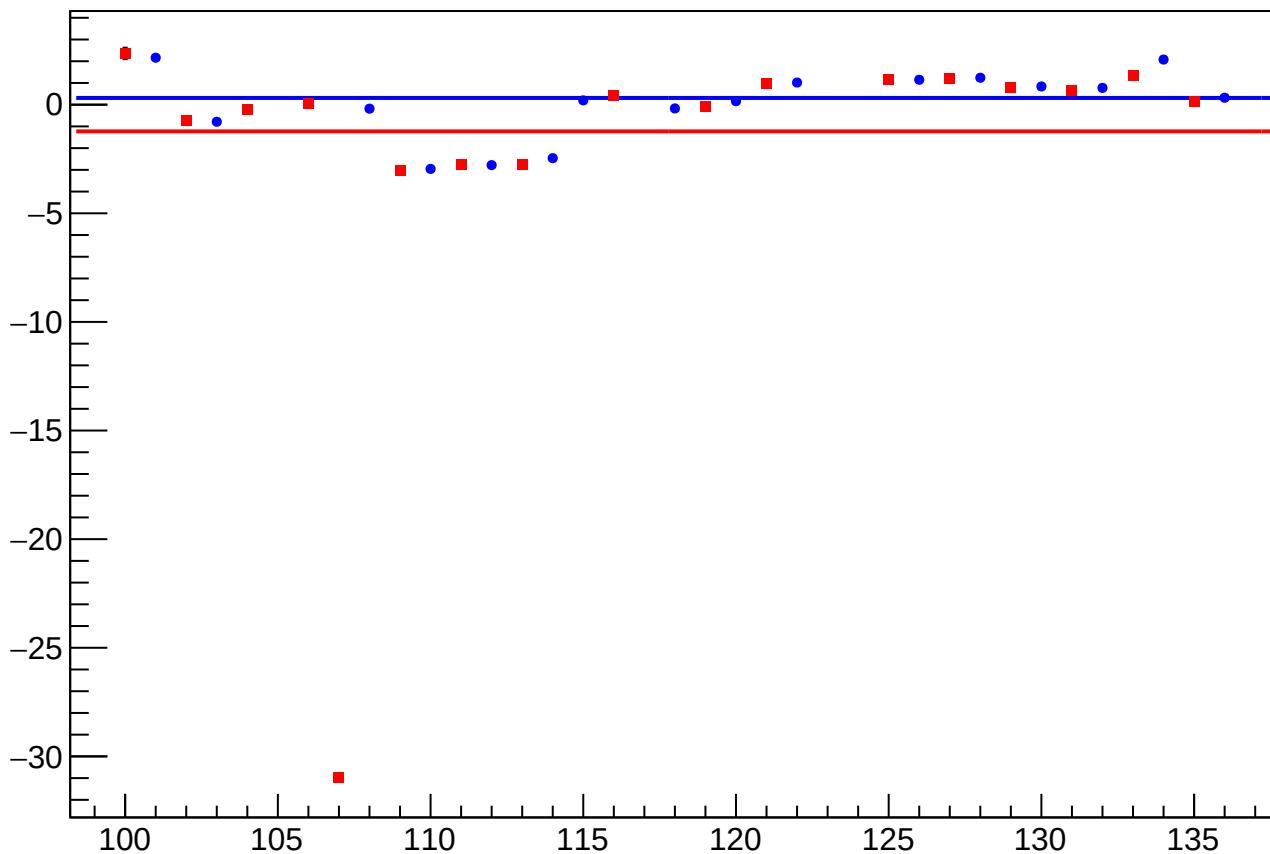
Right: 1.465 $\pm$ 0.273 χ^2 /NDF: 166.2/32

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: 1.465 $\pm$ 0.273 χ^2 /NDF: 166.2/32

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: -1.229 $\pm$ 0.023 χ^2 /NDF: 46020.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

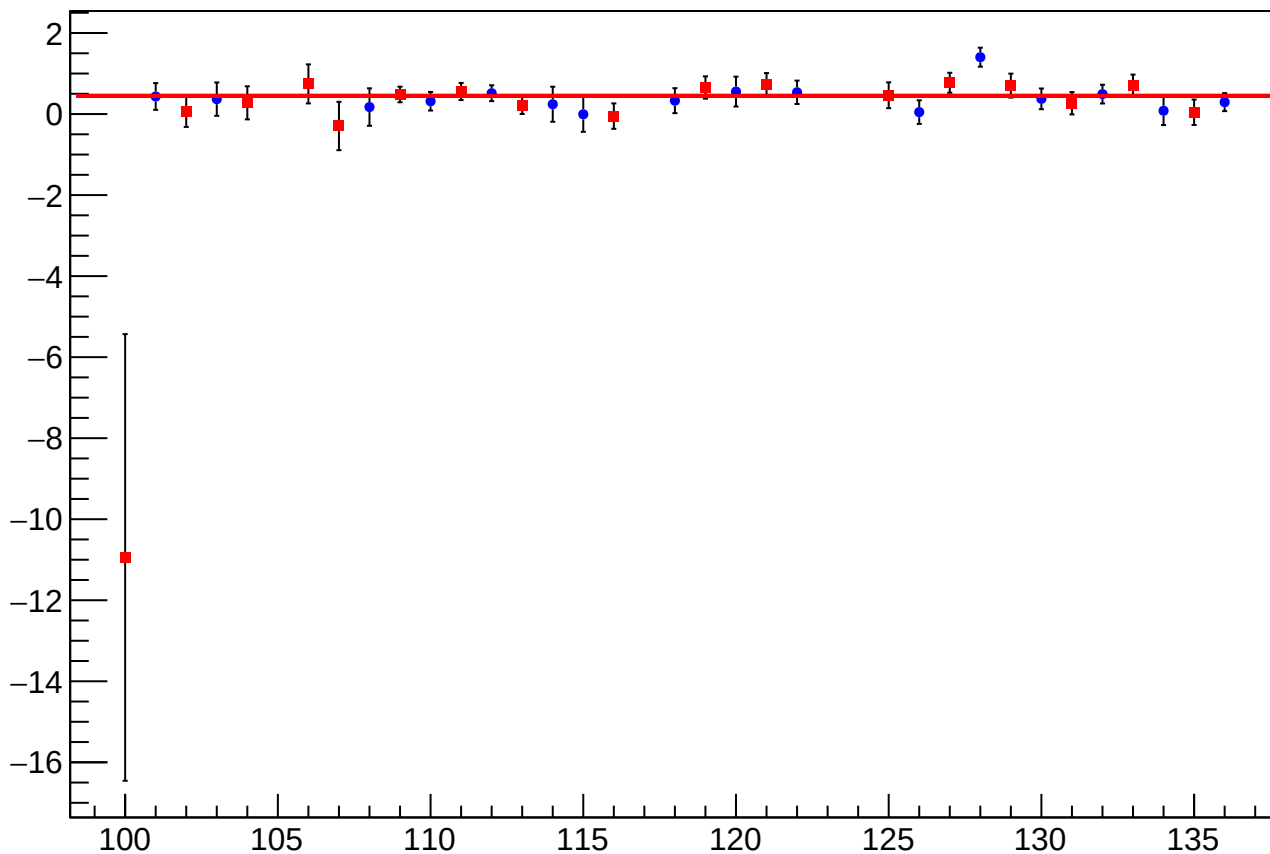
Right: -0.393 $\pm$ 0.016 χ^2 /NDF: 53309.9/32

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: -0.393 $\pm$ 0.016 χ^2 /NDF: 53309.9/32

reg_asym_ds_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 0.452+/-0.071 χ^2/NDF : 22.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.446+/-0.070 χ^2/NDF : 18.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

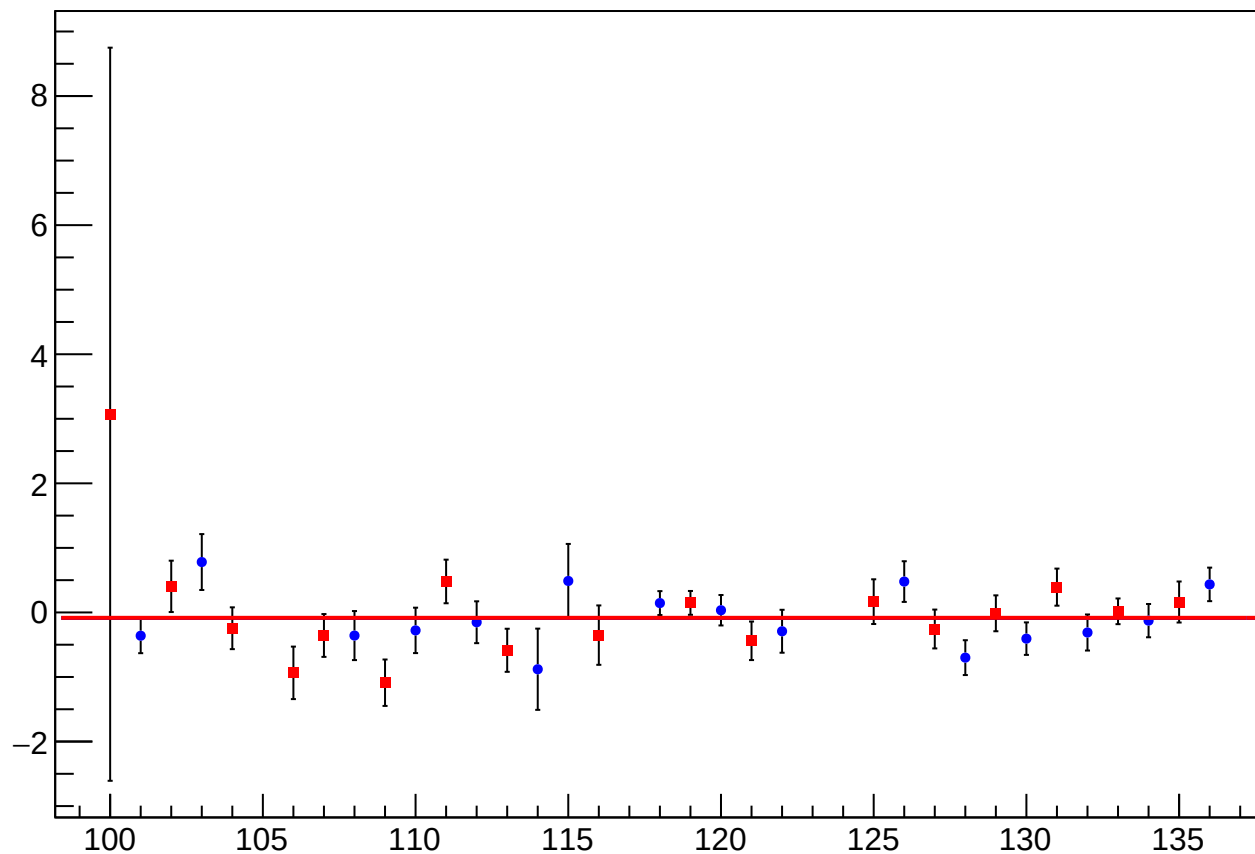
Right: 0.449+/-0.050 χ^2/NDF : 40.9/32

In: 0.452+/-0.071 χ^2/NDF : 22.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.449+/-0.050 χ^2/NDF : 40.9/32

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: -0.084 ± 0.074 χ^2/NDF : 27.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

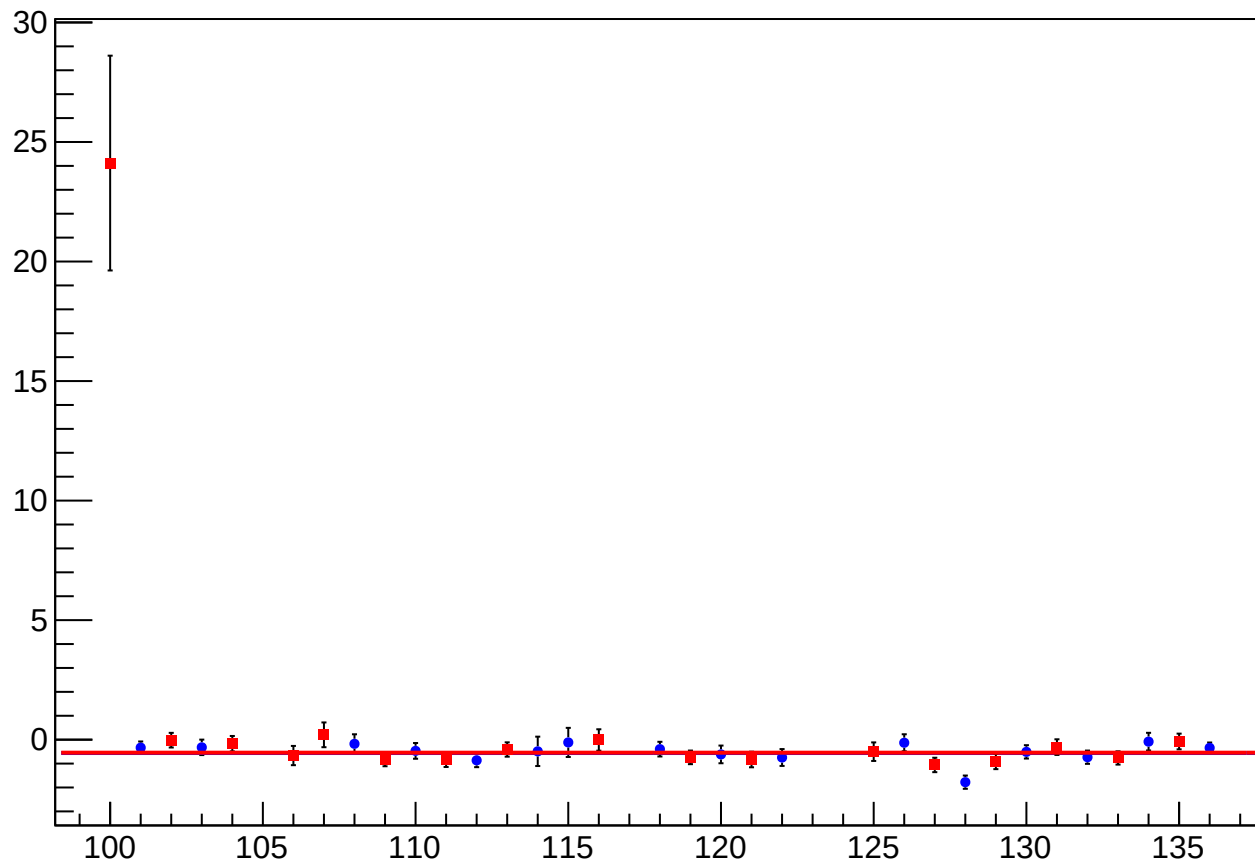
Right: -0.085 ± 0.052 χ^2/NDF : 53.2/32

In: -0.086 ± 0.073 χ^2/NDF : 25.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.085 ± 0.052 χ^2/NDF : 53.2/32

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: -0.544 ± 0.082 χ^2/NDF : 48.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

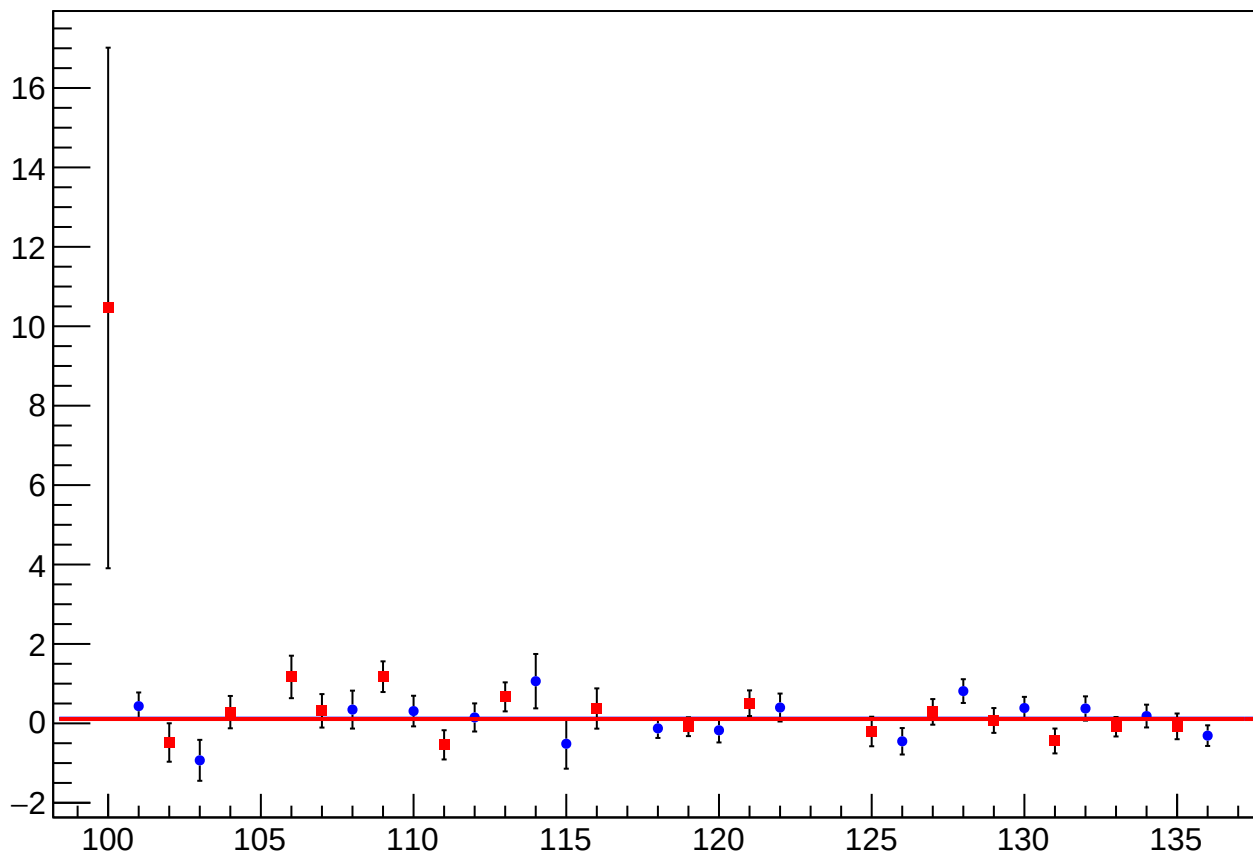
Right: -0.552 ± 0.057 χ^2/NDF : 76.9/32

In: -0.558 ± 0.080 χ^2/NDF : 28.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.552 ± 0.057 χ^2/NDF : 76.9/32

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: 0.109 $\pm$ 0.086 χ^2 /NDF: 29.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

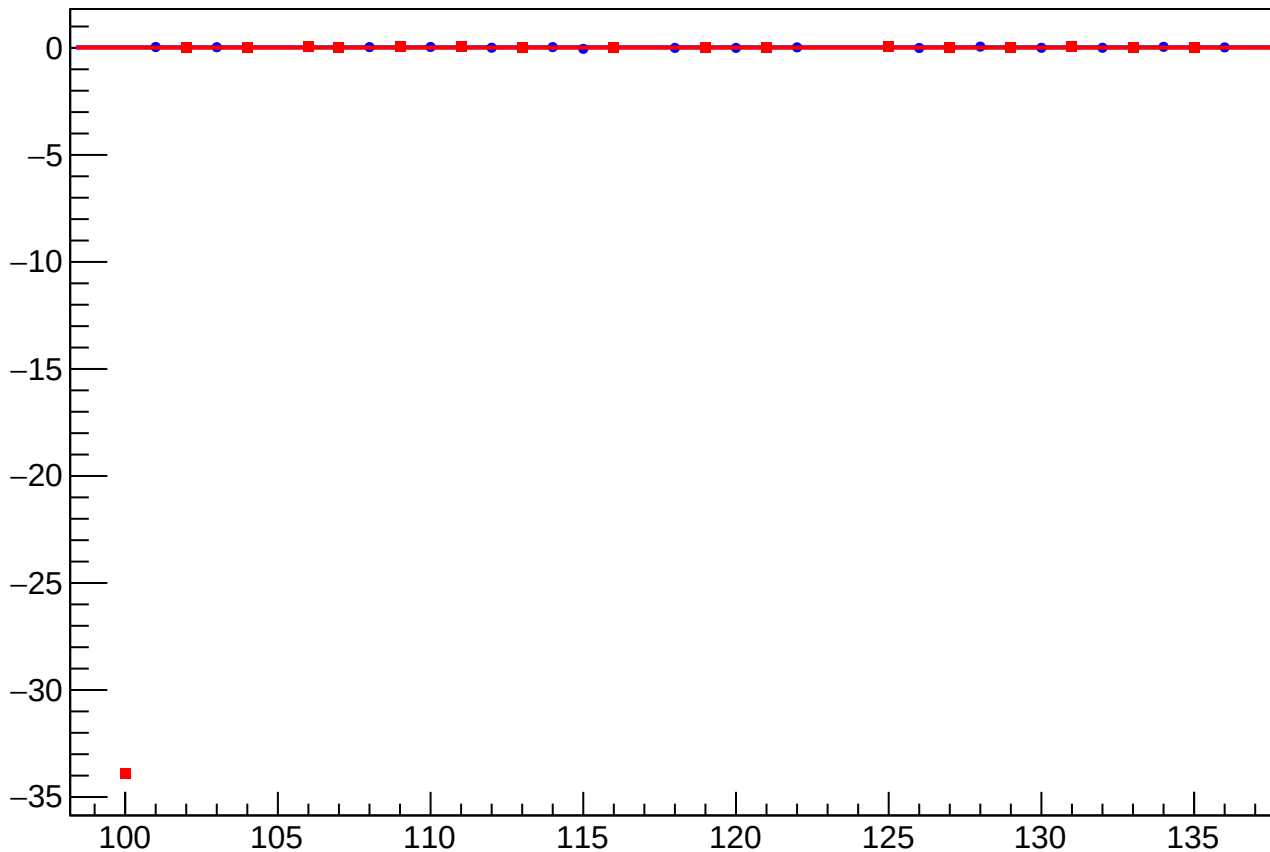
Right: 0.114 $\pm$ 0.060 χ^2 /NDF: 52.6/32

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: 0.114 $\pm$ 0.060 χ^2 /NDF: 52.6/32

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: 0.013 $\pm$ 0.005 χ^2 /NDF: 22260.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

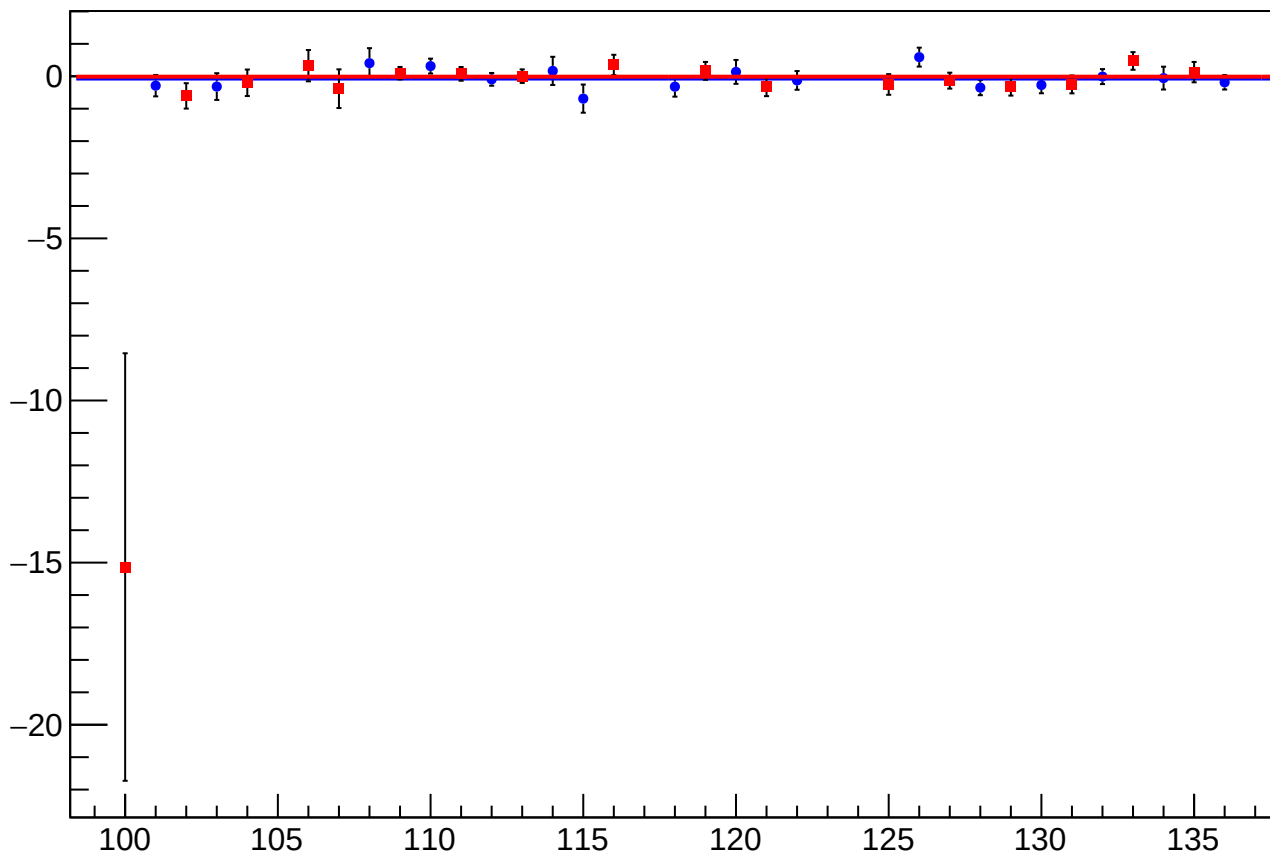
Right: 0.020 $\pm$ 0.003 χ^2 /NDF: 22280.0/32

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: 22280.0/32

reg_asym_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.070 $\pm$ 0.071 χ^2/NDF : 15.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 $\pm$ 0.070 χ^2/NDF : 17.8/16

Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Left: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

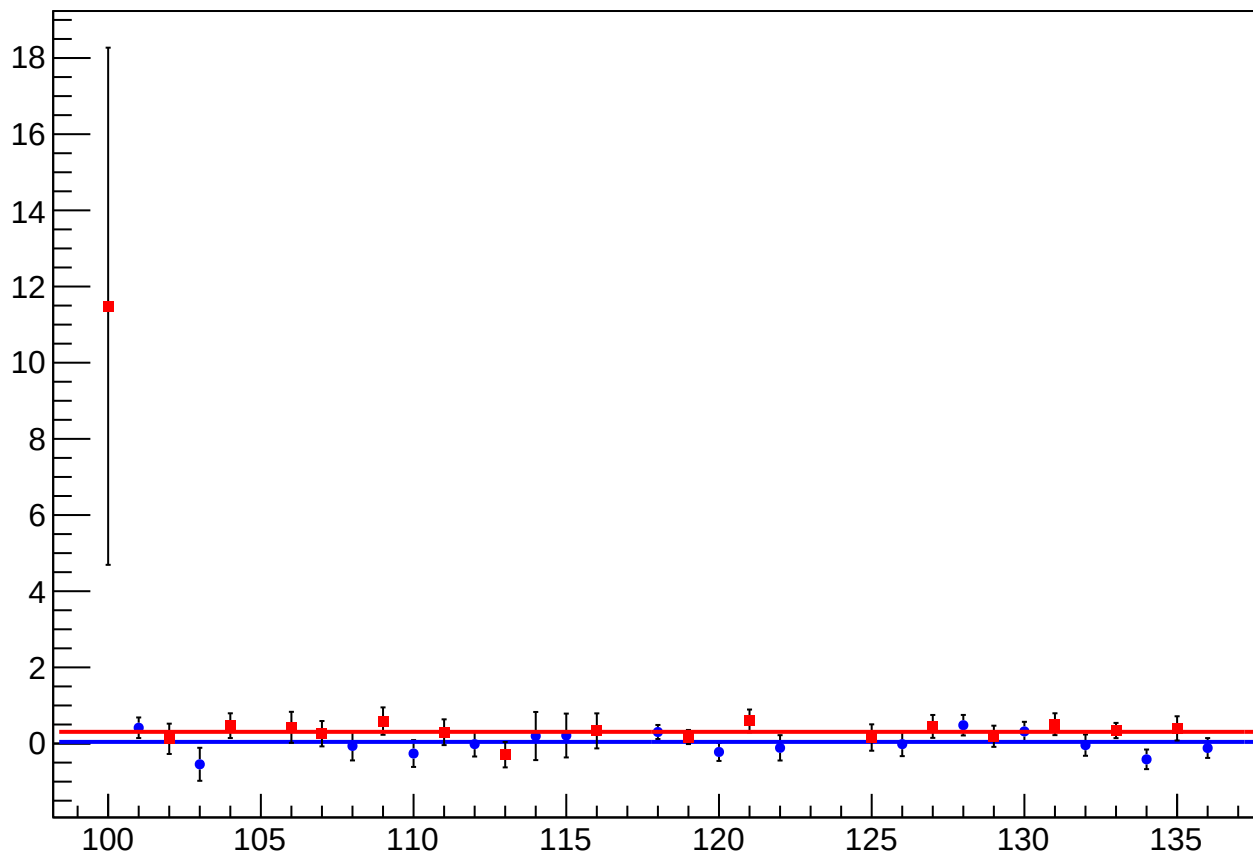
Right: -0.041 $\pm$ 0.050 χ^2/NDF : 33.7/32

In: -0.070 $\pm$ 0.071 χ^2/NDF : 15.5/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.041 $\pm$ 0.050 χ^2/NDF : 33.7/32

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: 0.308+/-0.074 χ^2/NDF : 9.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

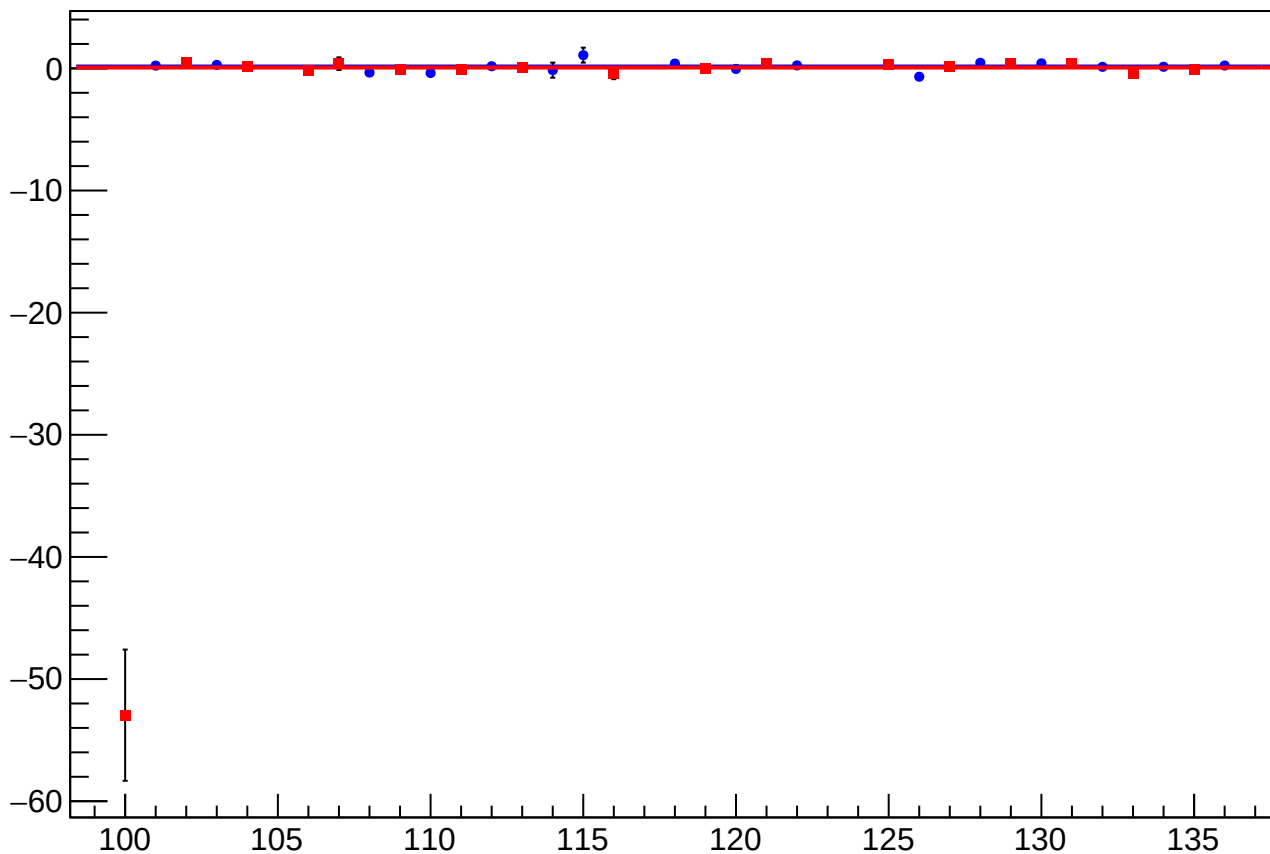
Right: 0.173+/-0.052 χ^2/NDF : 31.9/32

In: 0.044+/-0.073 χ^2/NDF : 15.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.173+/-0.052 χ^2/NDF : 31.9/32

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: 0.072+/-0.082 χ^2/NDF : 109.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

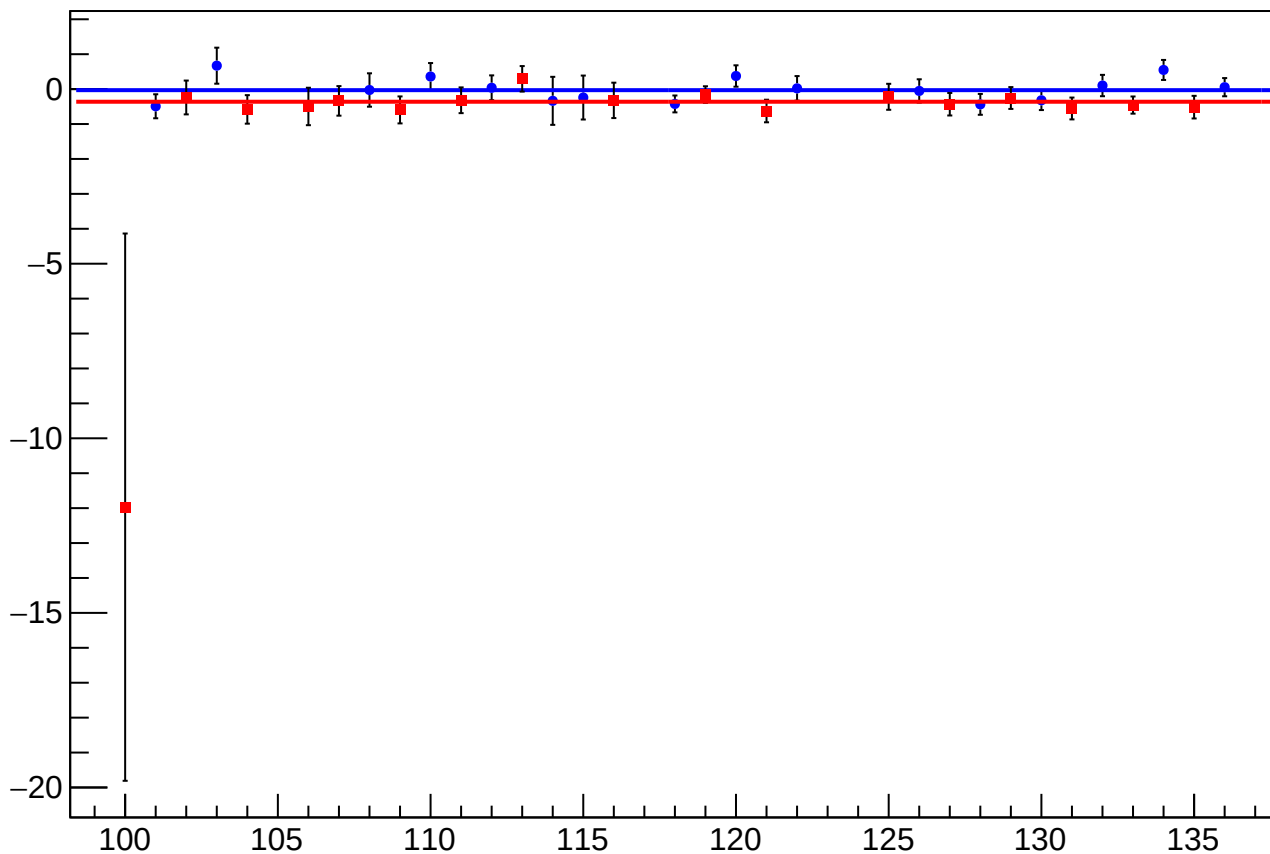
Right: 0.114+/-0.057 χ^2/NDF : 125.2/32

In: 0.154+/-0.080 χ^2/NDF : 15.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.114+/-0.057 χ^2/NDF : 125.2/32

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: -0.362 ± 0.086 χ^2/NDF : 8.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

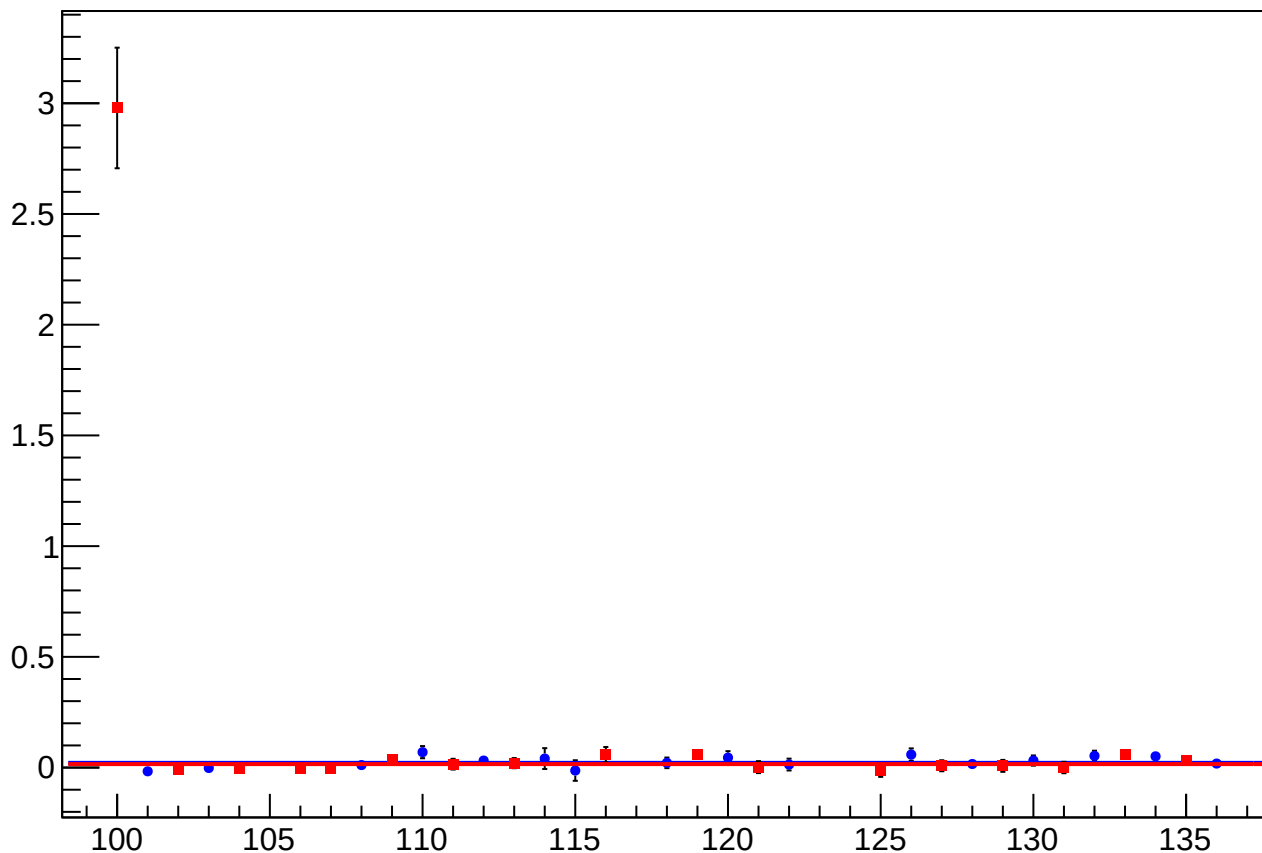
Right: -0.192 ± 0.060 χ^2/NDF : 33.1/32

In: -0.030 ± 0.084 χ^2/NDF : 16.8/15

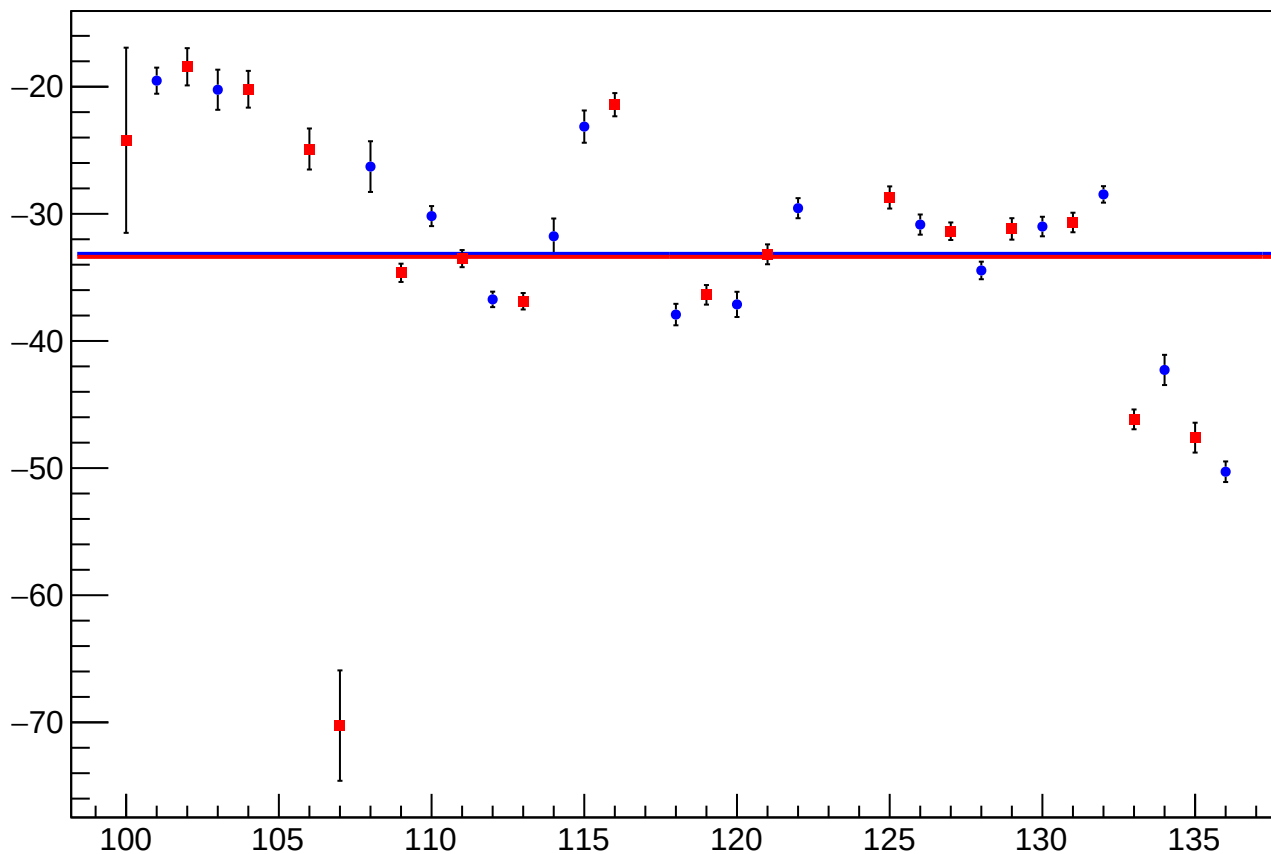
Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.192 ± 0.060 χ^2/NDF : 33.1/32

reg_asym_ds_dd_diff_bpm12X_slope vs Slug, Sign Corrected



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: -33.385+/-0.217 χ^2/NDF : 980.6/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

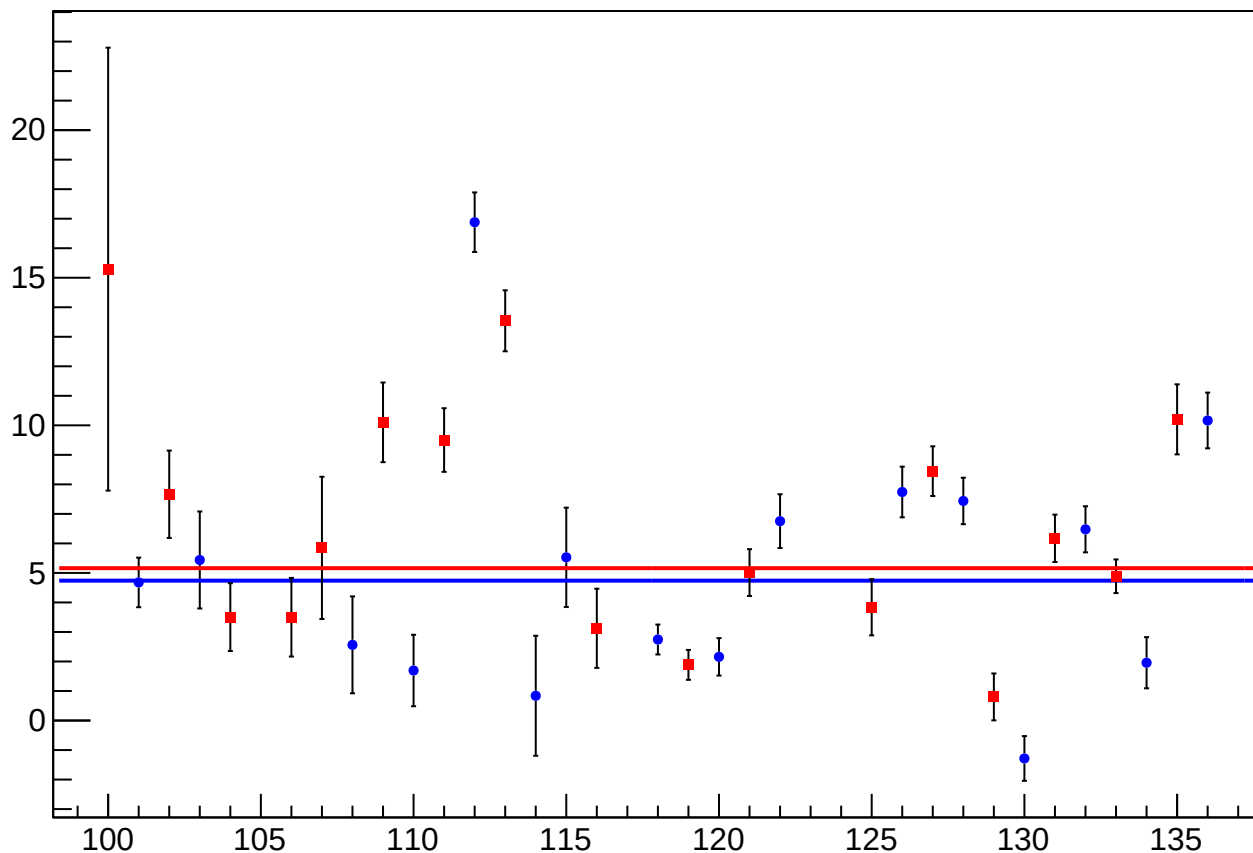
Right: -33.267+/-0.154 χ^2/NDF : 1995.1/32

In: -33.148+/-0.218 χ^2/NDF :1013.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -33.267+/-0.154 χ^2/NDF : 1995.1/32

reg_asym_left_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 4.738+/-0.219 χ^2/NDF : 329.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.161+/-0.225 χ^2/NDF : 215.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

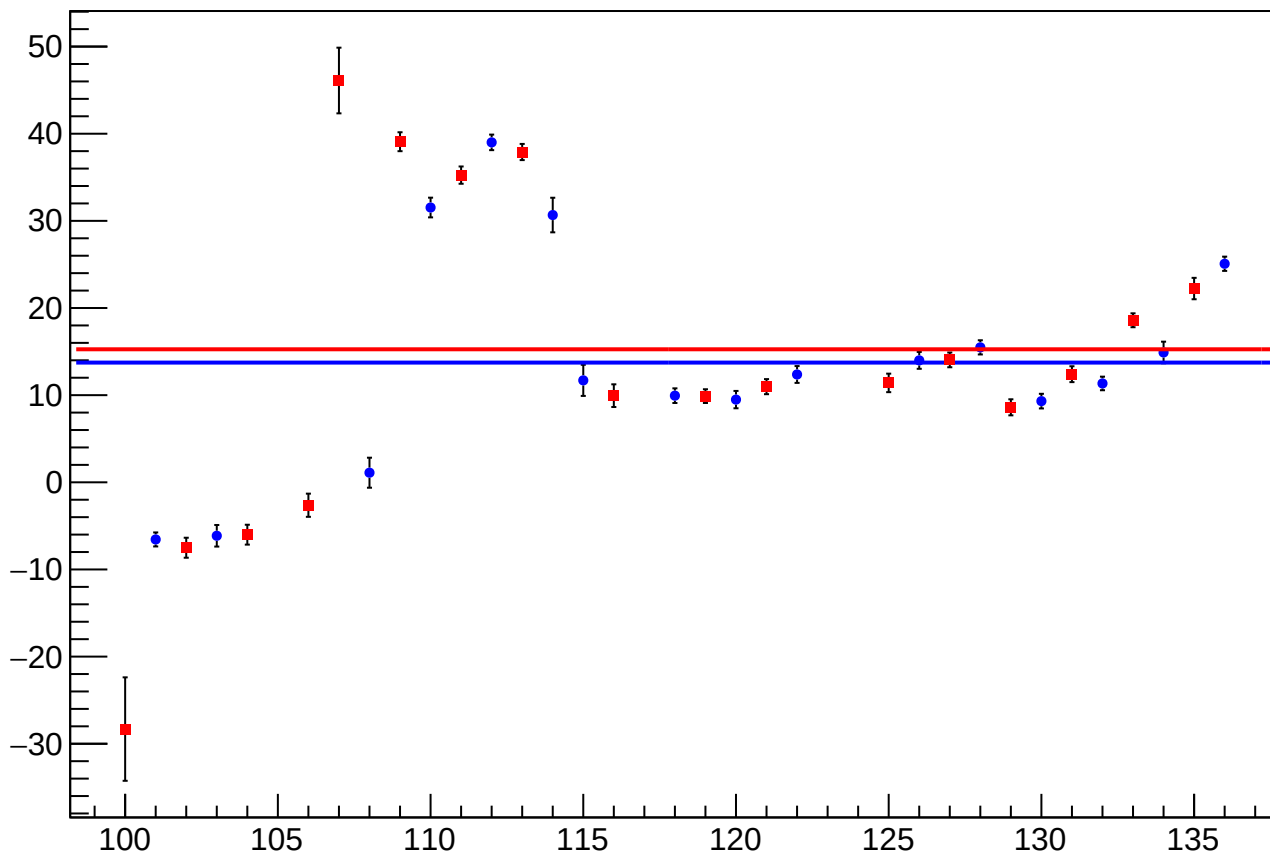
Right: 4.944+/-0.157 χ^2/NDF : 546.6/32

In: 4.738+/-0.219 χ^2/NDF : 329.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.944+/-0.157 χ^2/NDF : 546.6/32

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: 15.264+/-0.253 χ^2/NDF : 2742.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

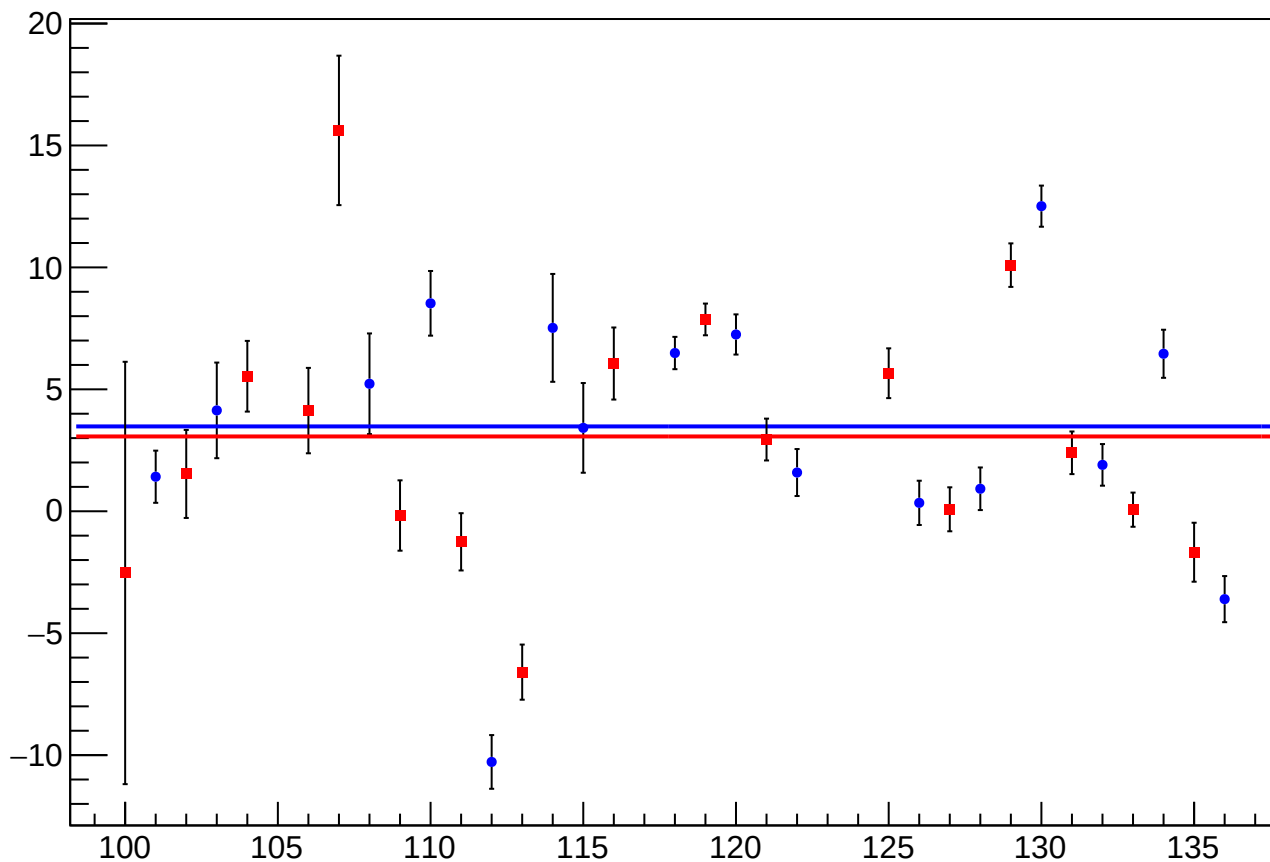
Right: 14.483+/-0.177 χ^2/NDF : 5110.6/32

In: 13.738+/-0.247 χ^2/NDF : 2349.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.483+/-0.177 χ^2/NDF : 5110.6/32

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: 3.068+/-0.259 χ^2/NDF : 285.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

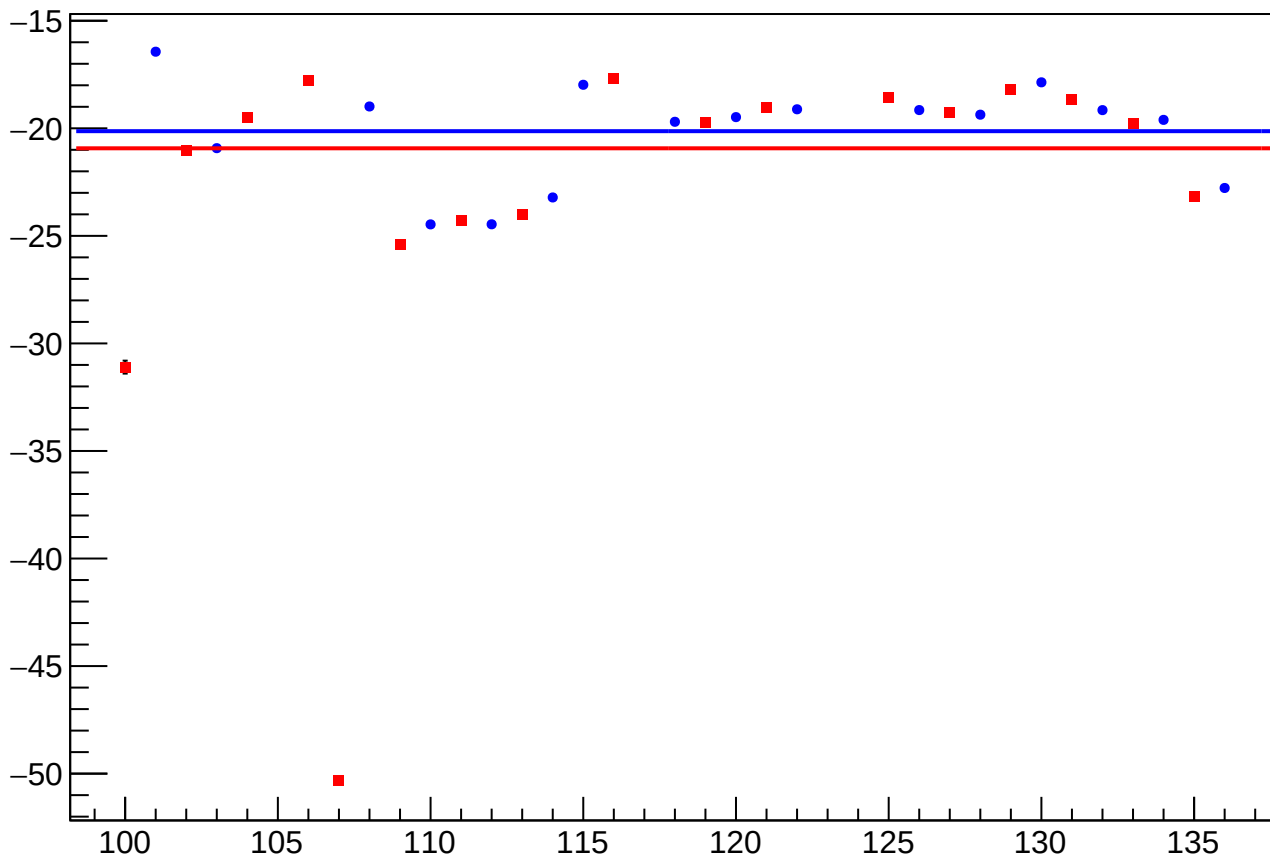
Right: 3.278+/-0.181 χ^2/NDF : 714.1/32

In: 3.479+/-0.254 χ^2/NDF : 427.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.278+/-0.181 χ^2/NDF : 714.1/32

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: -20.930+/-0.017 χ^2/NDF : 56528.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

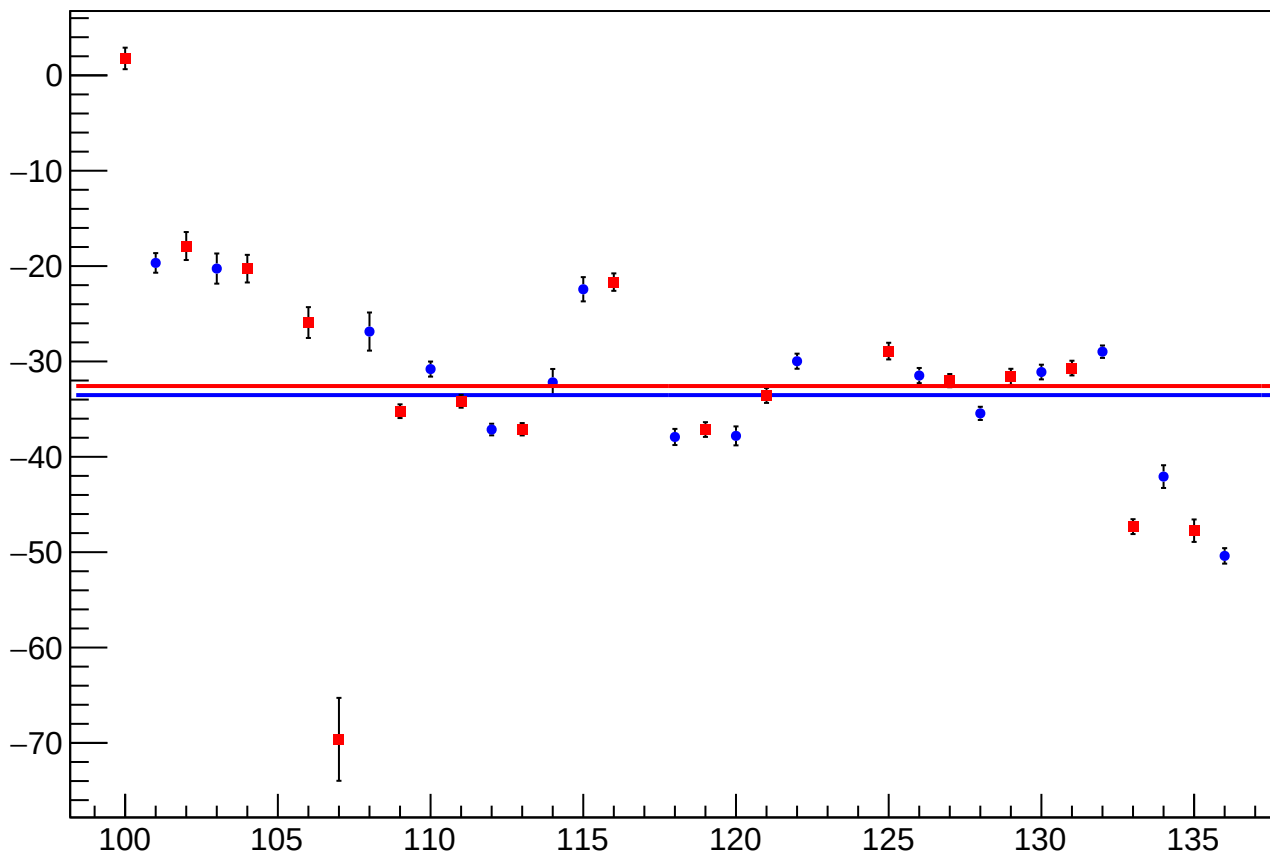
Right: -20.513+/-0.012 χ^2/NDF : 77540.2/32

In: -20.133+/-0.016 χ^2/NDF :19831.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -20.513+/-0.012 χ^2/NDF : 77540.2/32

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: -32.578 ± 0.213 χ^2/NDF : 1983.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

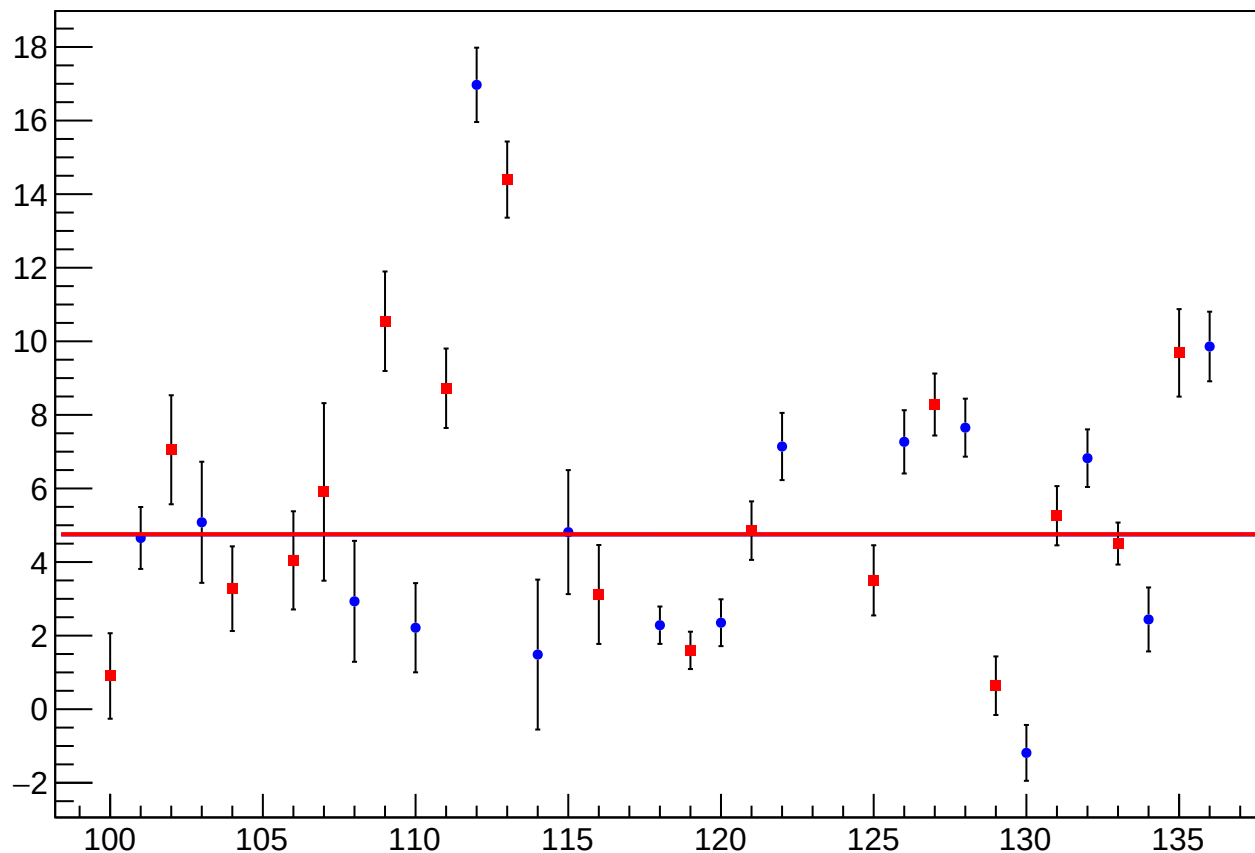
Right: -33.042 ± 0.153 χ^2/NDF : 3002.2/32

In: -33.528 ± 0.218 χ^2/NDF : 1008.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.042 ± 0.153 χ^2/NDF : 3002.2/32

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: 4.757+/-0.221 χ^2/NDF : 238.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

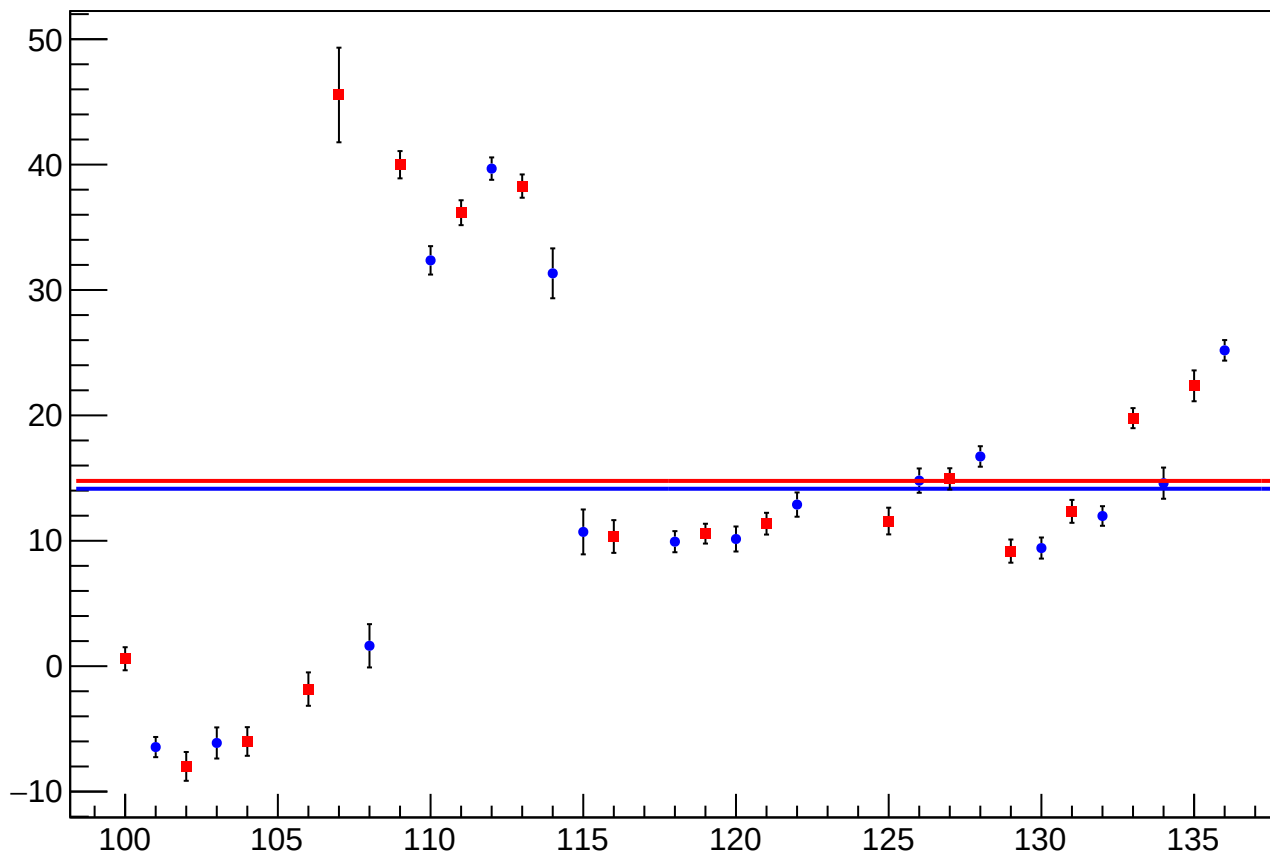
Right: 4.753+/-0.156 χ^2/NDF : 563.7/32

In: 4.748+/-0.220 χ^2/NDF : 325.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.753+/-0.156 χ^2/NDF : 563.7/32

reg_asym_left_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 14.149+/-0.247 χ^2/NDF : 2402.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.774+/-0.244 χ^2/NDF : 3009.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

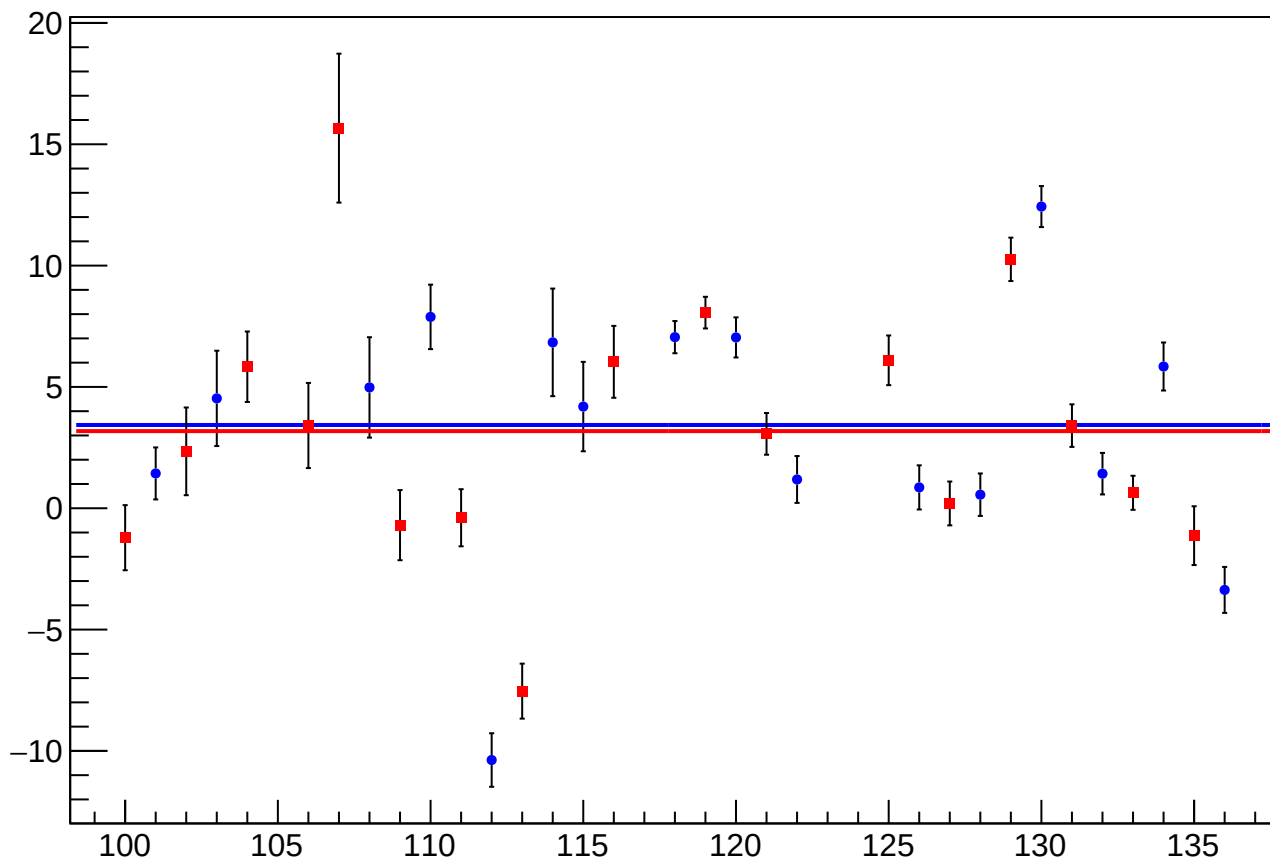
Right: 14.465+/-0.174 χ^2/NDF : 5415.0/32

In: 14.149+/-0.247 χ^2/NDF : 2402.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.465+/-0.174 χ^2/NDF : 5415.0/32

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: 3.179 $\pm$ 0.255 χ^2 /NDF: 304.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

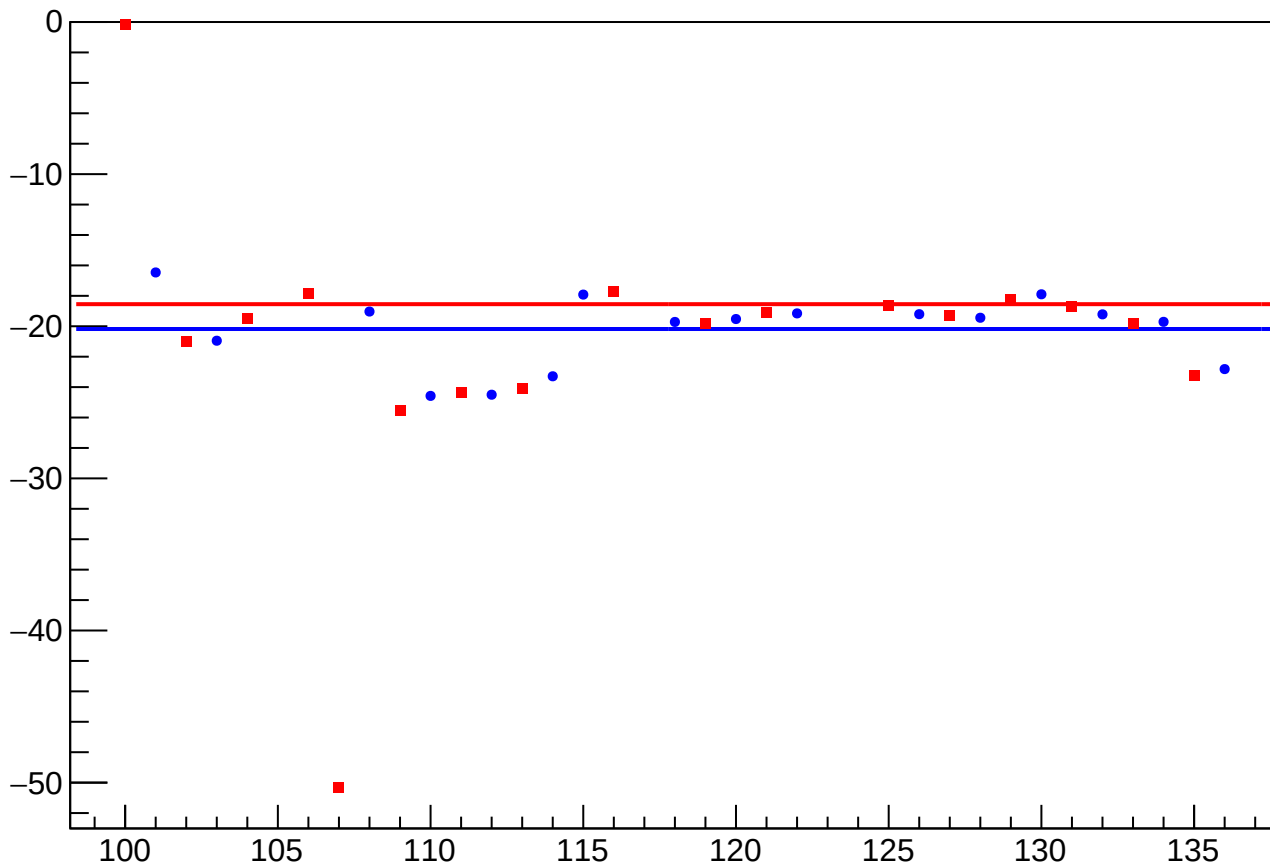
Right: 3.306 $\pm$ 0.180 χ^2 /NDF: 728.5/32

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: 3.306 $\pm$ 0.180 χ^2 /NDF: 728.5/32

reg_asym_left_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.180+/-0.016 χ^2/NDF : 19856.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.548+/-0.016 χ^2/NDF : 231259.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

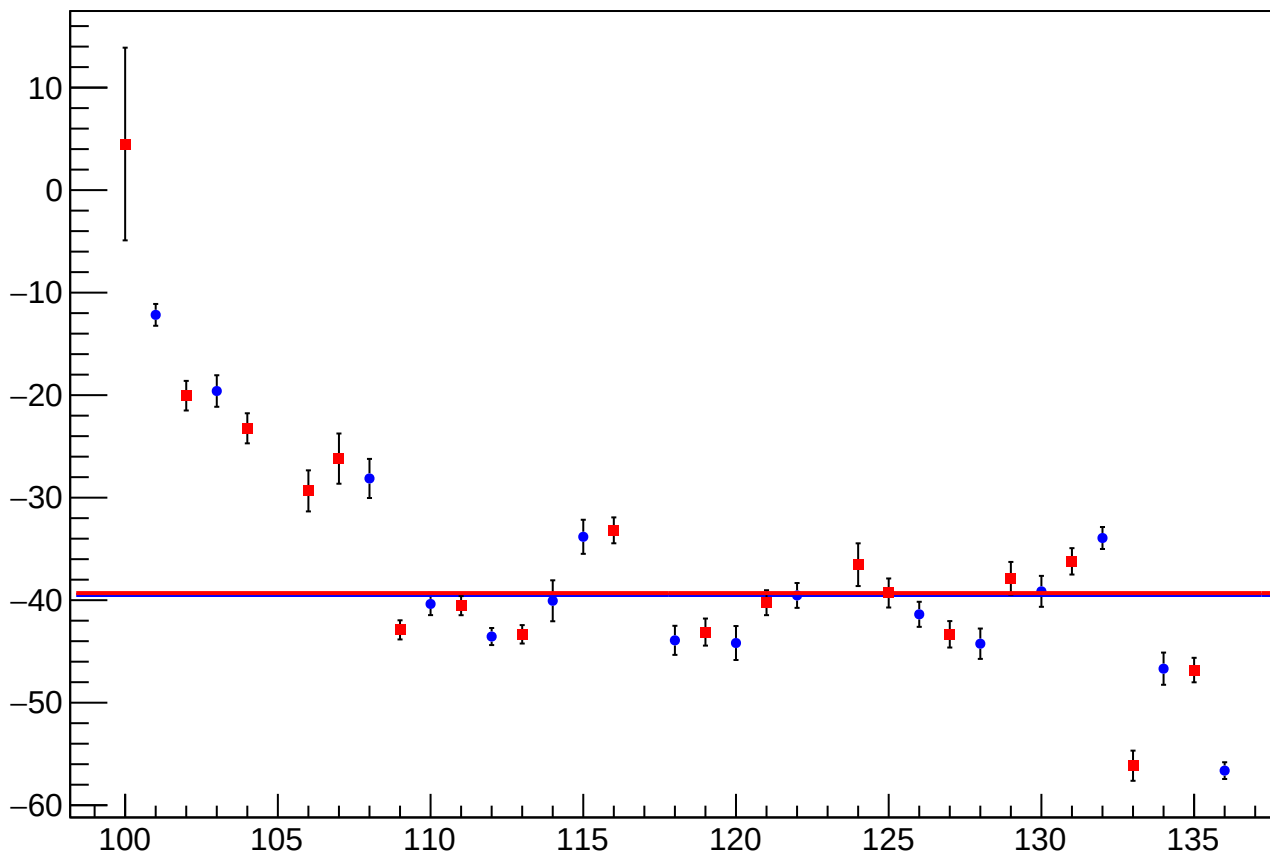
Right: -19.352+/-0.011 χ^2/NDF : 256364.3/32

In: -20.180+/-0.016 χ^2/NDF : 19856.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.352+/-0.011 χ^2/NDF : 256364.3/32

reg_asym_right_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -39.493+/-0.311 χ^2/NDF : 1417.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -39.308+/-0.312 χ^2/NDF : 630.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

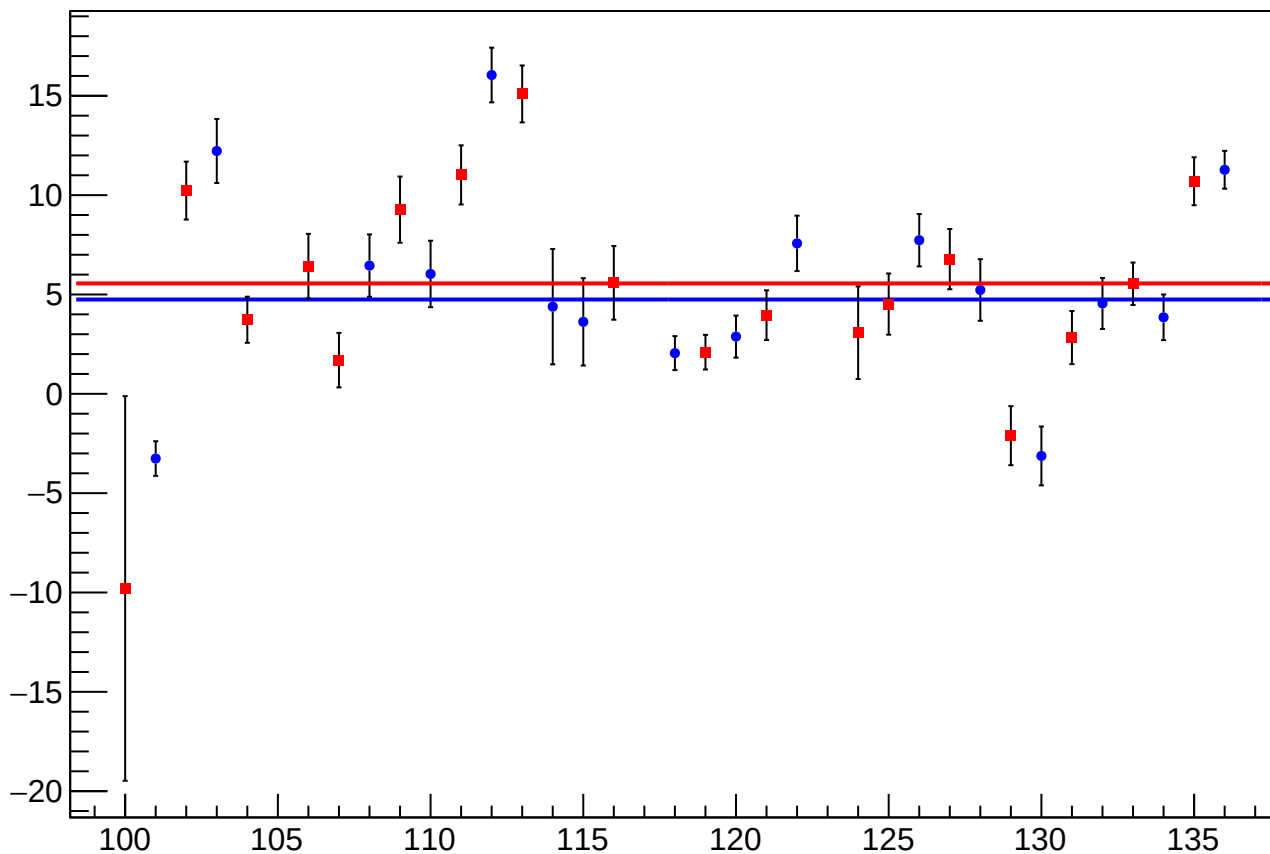
Right: -39.401+/-0.220 χ^2/NDF : 2047.9/33

In: -39.493+/-0.311 χ^2/NDF : 1417.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.401+/-0.220 χ^2/NDF : 2047.9/33

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: 5.557 $\pm$ 0.328 χ^2 /NDF: 154.8/17

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

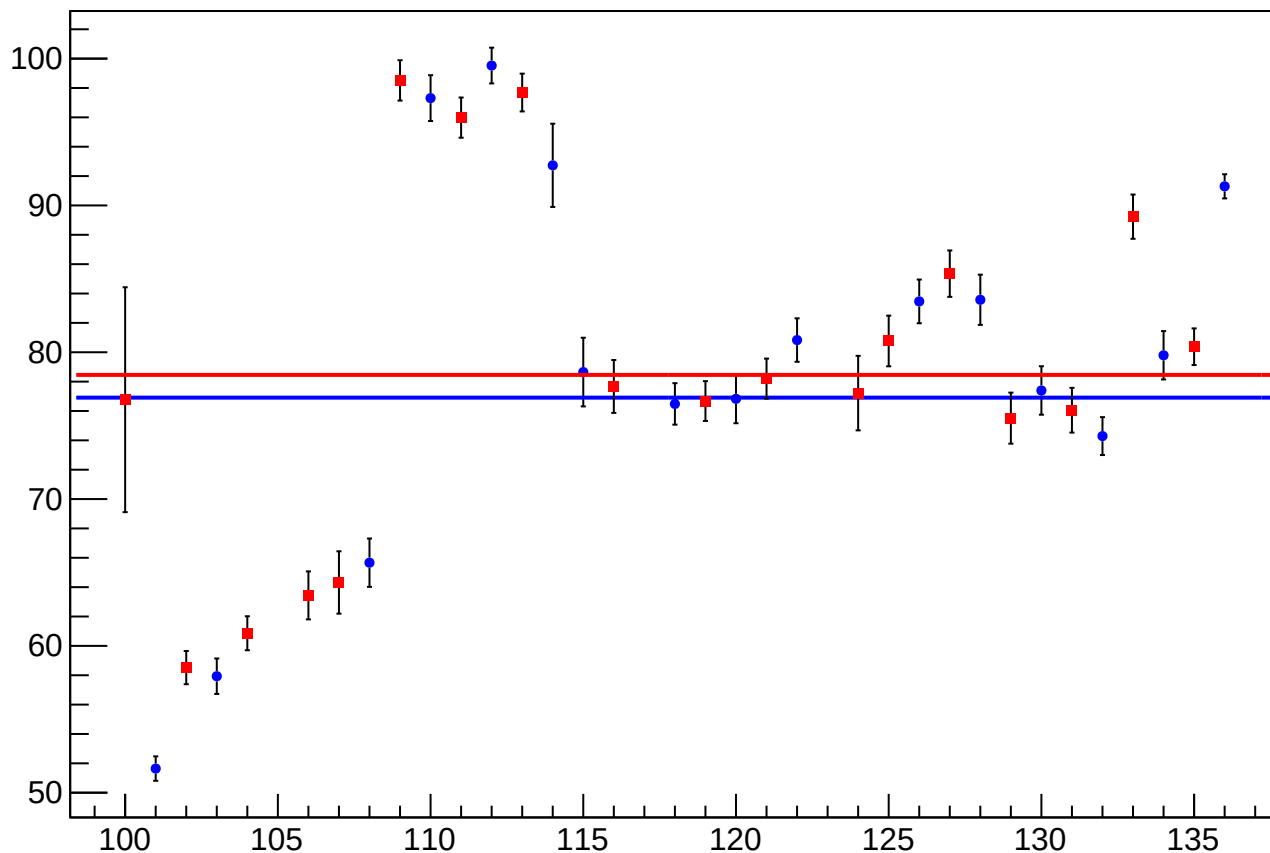
Right: 5.137 $\pm$ 0.228 χ^2 /NDF: 431.8/33

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: 5.137 $\pm$ 0.228 χ^2 /NDF: 431.8/33

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: 78.457+/-0.355 χ^2 /NDF: 1352.4/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

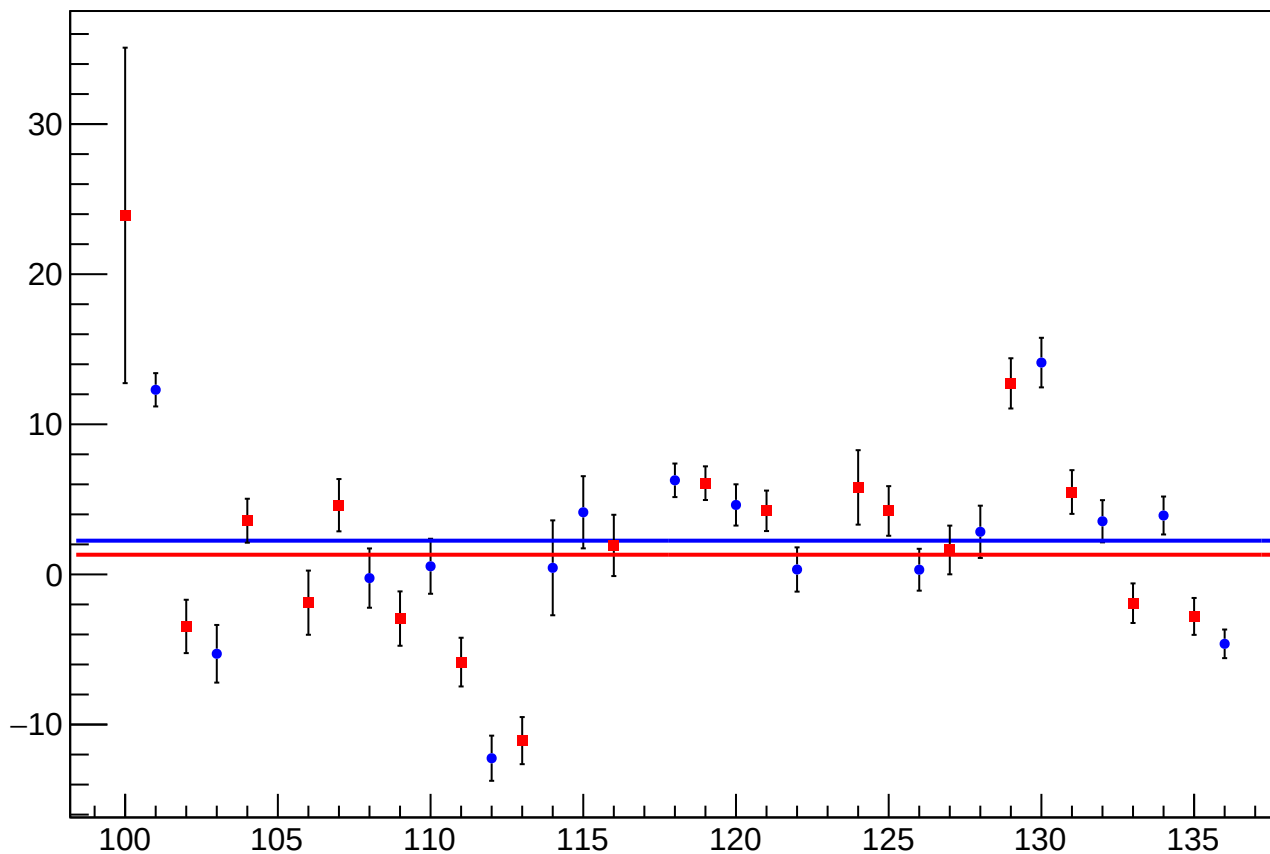
Right: 77.643+/-0.244 χ^2 /NDF: 3478.4/33

In: 76.909+/-0.337 χ^2 /NDF:2116.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 77.643+/-0.244 χ^2 /NDF: 3478.4/33

reg_asym_right_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 2.248 $\pm$ 0.363 χ^2 /NDF: 319.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.312 $\pm$ 0.378 χ^2 /NDF: 208.0/17

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

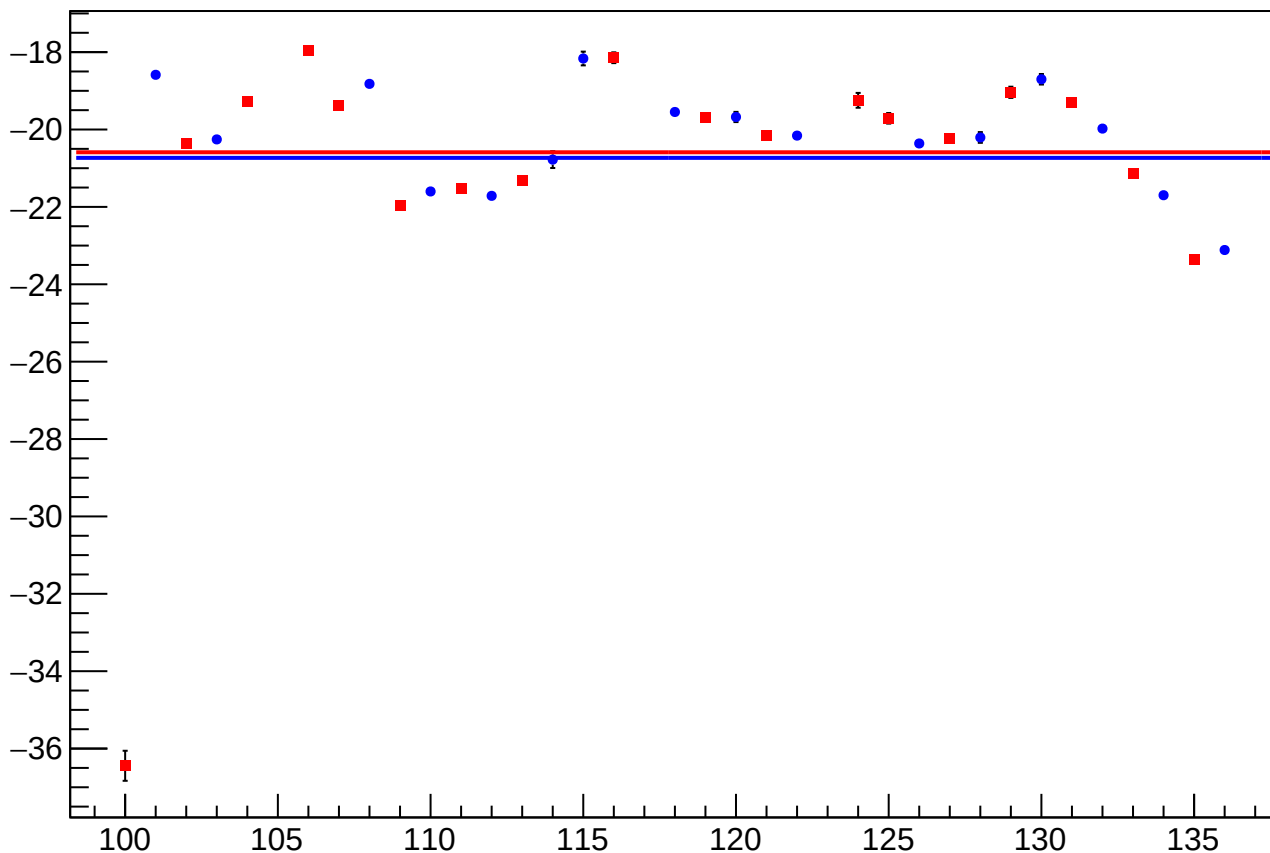
Right: 1.799 $\pm$ 0.262 χ^2 /NDF: 530.8/33

In: 2.248 $\pm$ 0.363 χ^2 /NDF:319.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.799 $\pm$ 0.262 χ^2 /NDF: 530.8/33

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: -20.588 $\pm$ 0.021 χ^2 /NDF: 7889.0/17

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

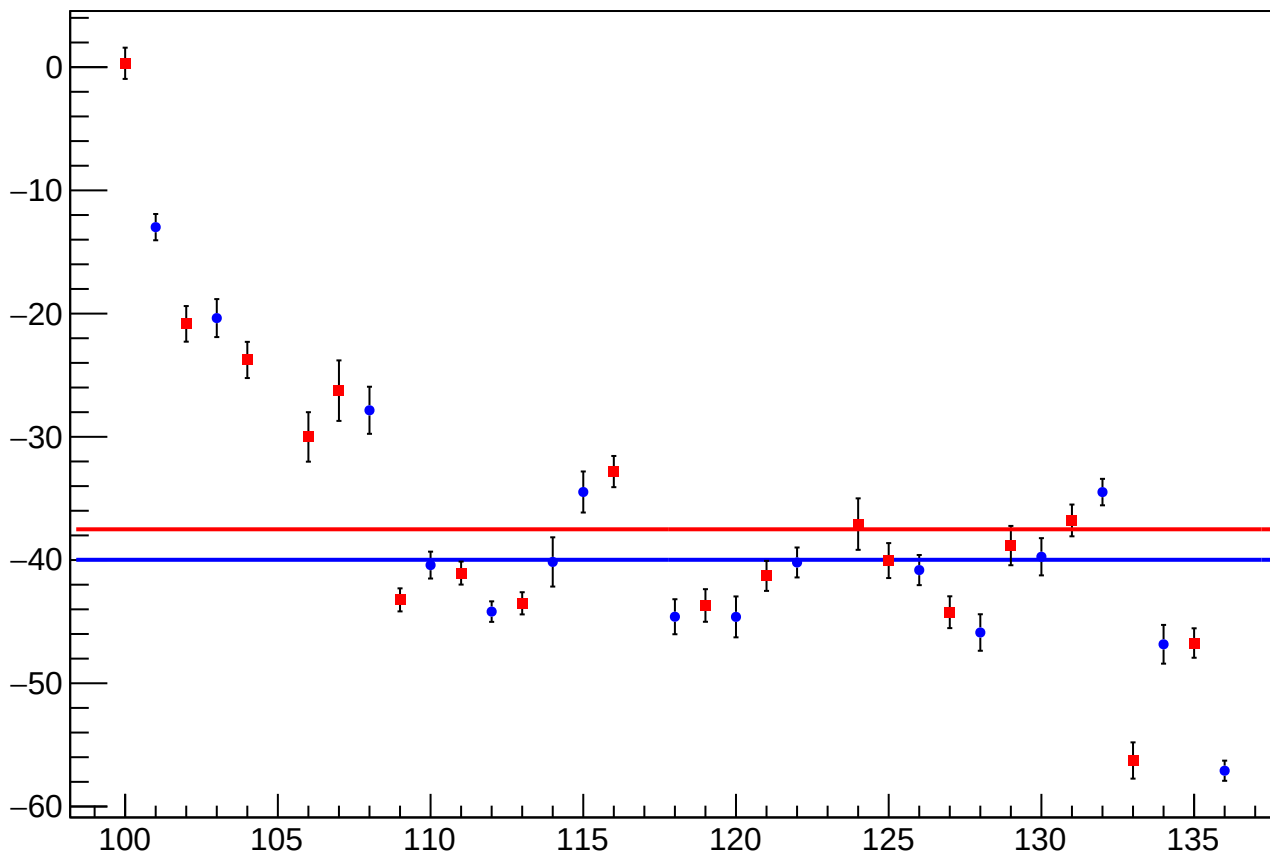
Right: -20.665 $\pm$ 0.014 χ^2 /NDF: 15548.8/33

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: -20.665 $\pm$ 0.014 χ^2 /NDF: 15548.8/33

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: -37.505 ± 0.304 χ^2/NDF : 1540.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

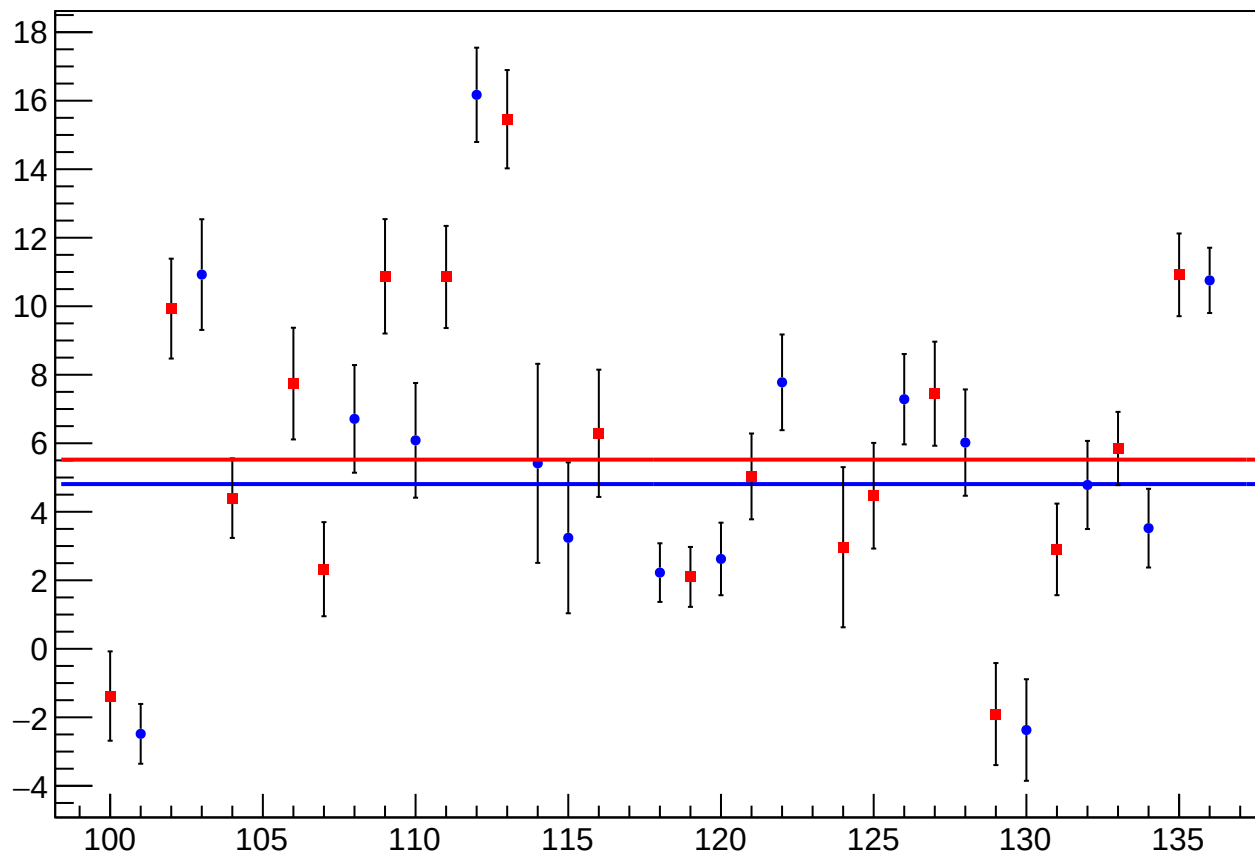
Right: -38.712 ± 0.217 χ^2/NDF : 2971.5/33

In: -39.979 ± 0.311 χ^2/NDF : 1398.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.712 ± 0.217 χ^2/NDF : 2971.5/33

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: 5.522 $\pm$ 0.319 χ^2 /NDF: 184.0/17

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

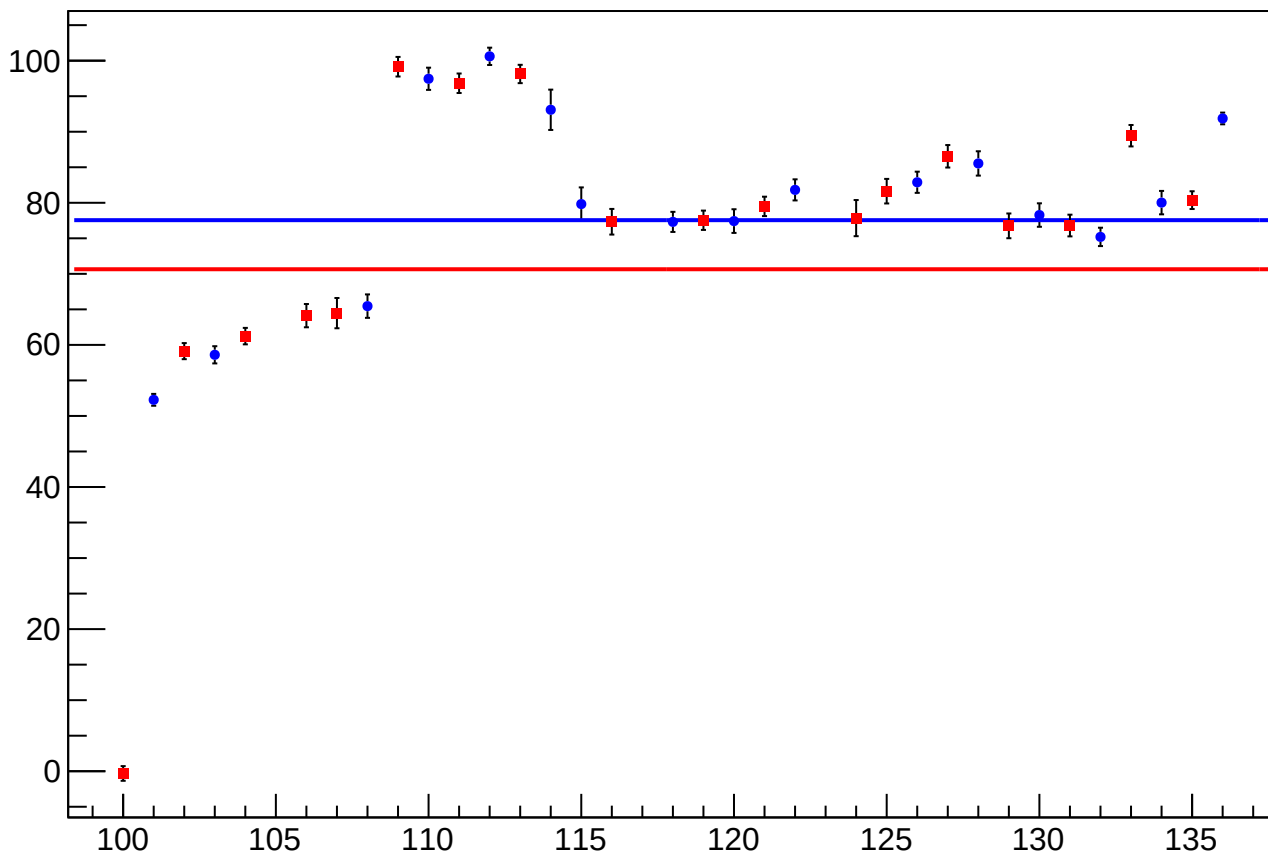
Right: 5.163 $\pm$ 0.225 χ^2 /NDF: 427.0/33

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: 5.163 $\pm$ 0.225 χ^2 /NDF: 427.0/33

reg_asym_right_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 77.554 $\pm$ 0.337 χ^2 /NDF: 2118.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.647 $\pm$ 0.337 χ^2 /NDF: 6632.9/17

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

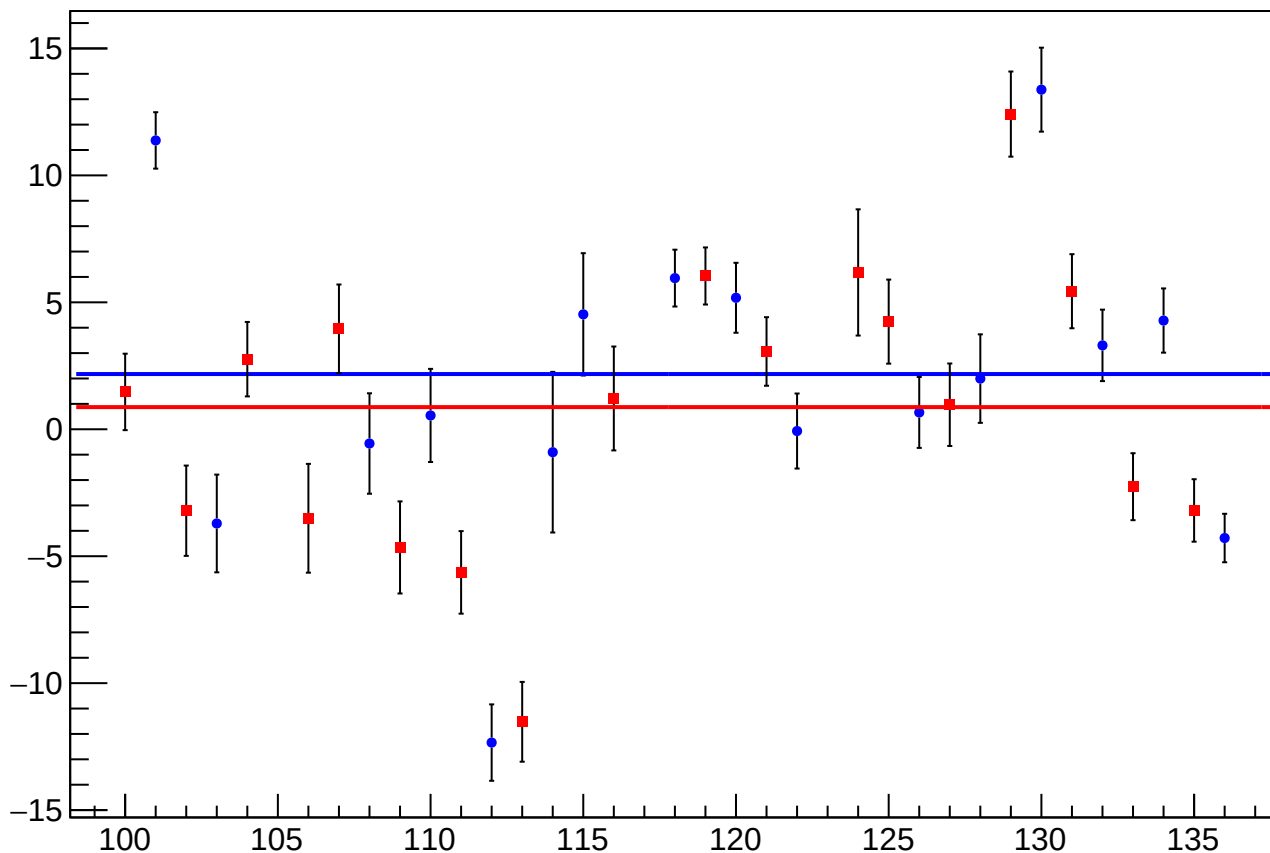
Right: 74.092 $\pm$ 0.238 χ^2 /NDF: 8961.2/33

In: 77.554 $\pm$ 0.337 χ^2 /NDF:2118.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 74.092 $\pm$ 0.238 χ^2 /NDF: 8961.2/33

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: 0.873+/-0.368 χ^2/NDF : 208.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

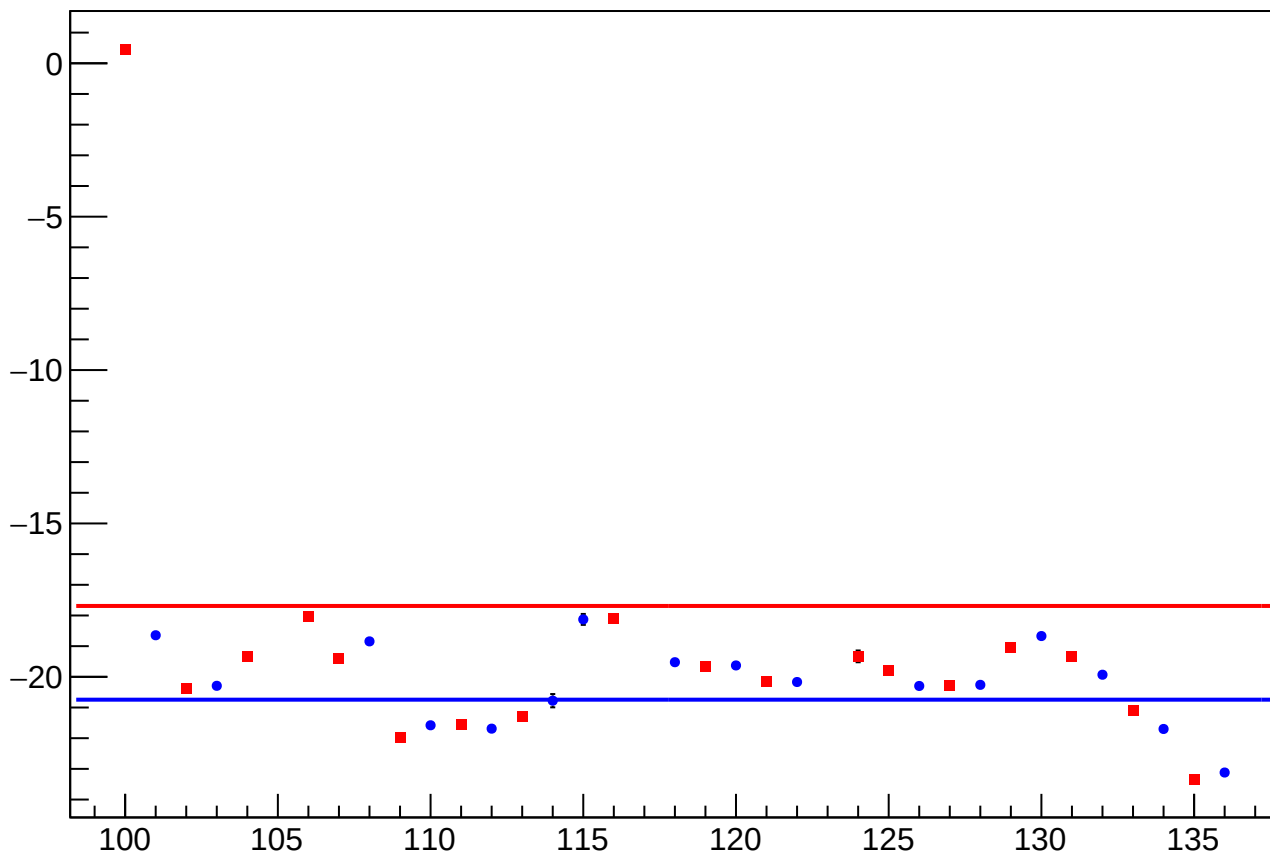
Right: 1.531+/-0.259 χ^2/NDF : 504.8/33

In: 2.175+/-0.364 χ^2/NDF : 290.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.531+/-0.259 χ^2/NDF : 504.8/33

reg_asym_right_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.745 $\pm$ 0.019 χ^2 /NDF: 7513.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.689 $\pm$ 0.019 χ^2 /NDF: 145398.3/17

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

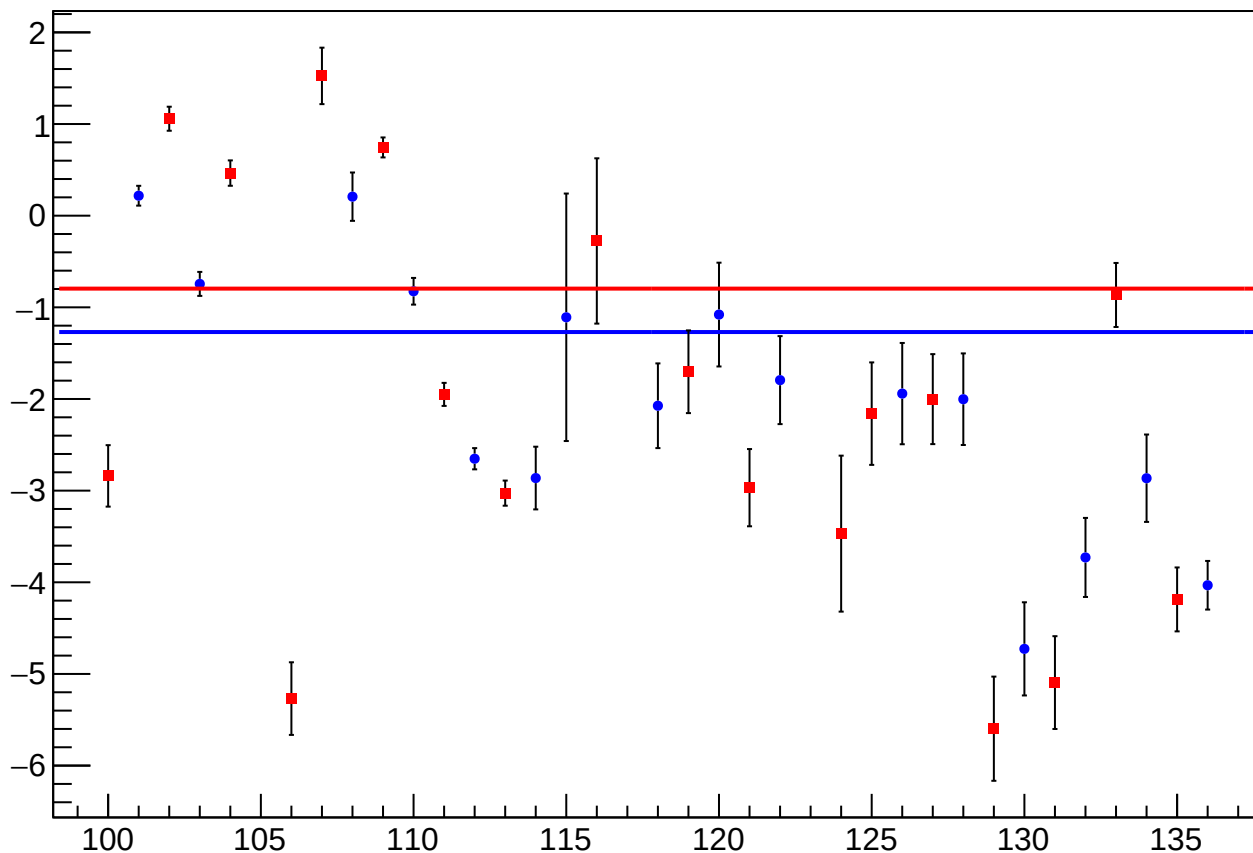
Right: -19.208 $\pm$ 0.014 χ^2 /NDF: 165313.9/33

In: -20.745 $\pm$ 0.019 χ^2 /NDF:7513.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.208 $\pm$ 0.014 χ^2 /NDF: 165313.9/33

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: -0.796 ± 0.051 χ^2/NDF : 1344.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

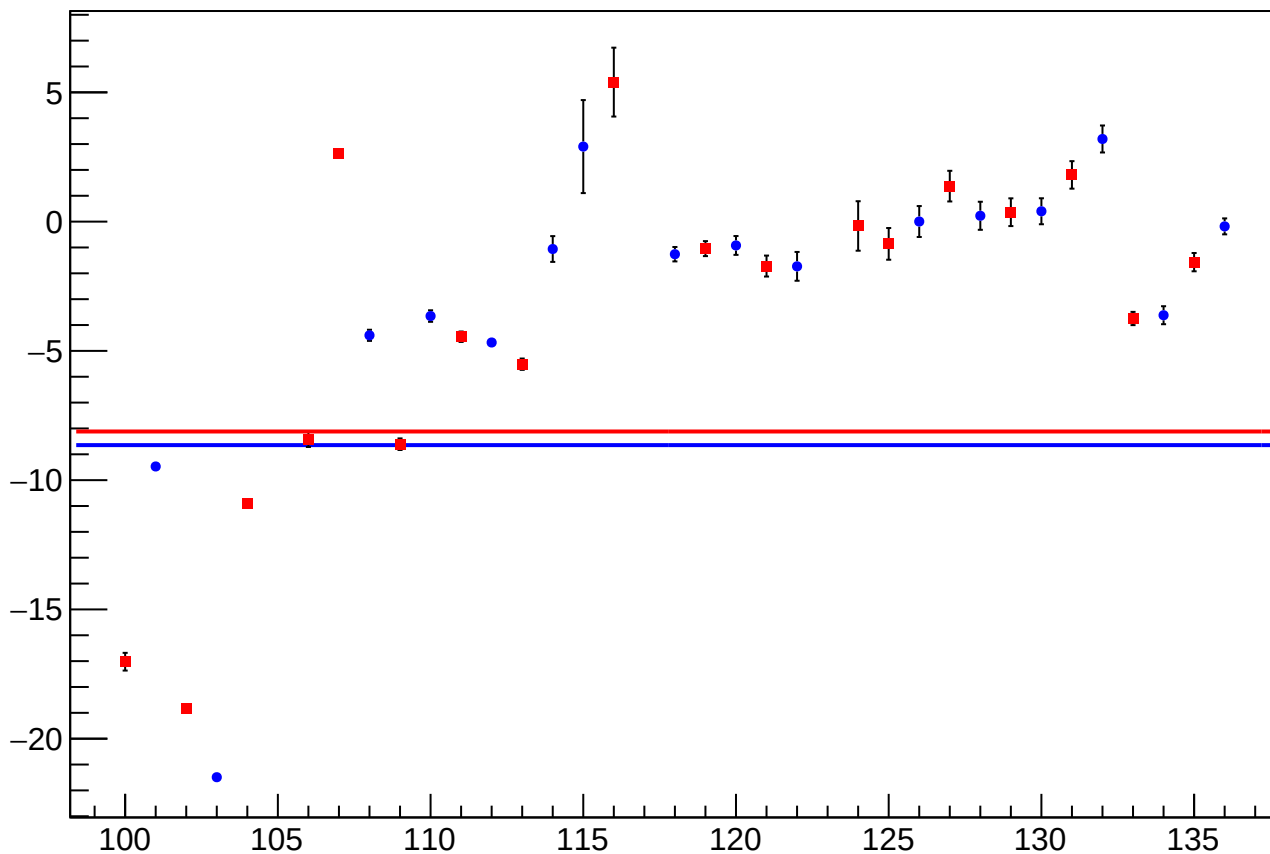
Right: -1.018 ± 0.037 χ^2/NDF : 2000.8/33

In: -1.270 ± 0.055 χ^2/NDF : 616.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.018 ± 0.037 χ^2/NDF : 2000.8/33

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -8.645 ± 0.057 $\chi^2/\text{NDF}: 13827.6/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -8.118 ± 0.058 $\chi^2/\text{NDF}: 14306.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

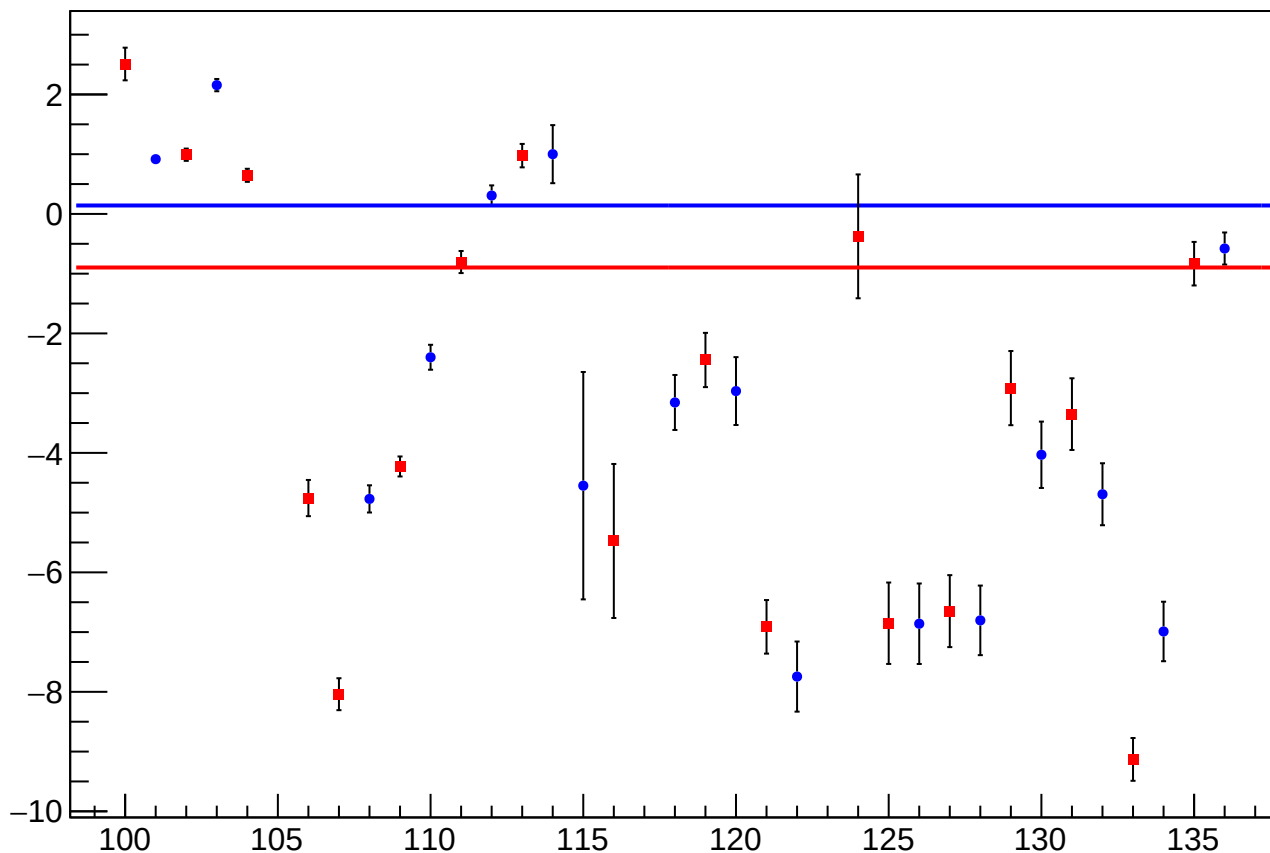
Right: -8.385 ± 0.041 $\chi^2/\text{NDF}: 28176.1/33$

In: -8.645 ± 0.057 $\chi^2/\text{NDF}: 13827.6/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -8.385 ± 0.041 $\chi^2/\text{NDF}: 28176.1/33$

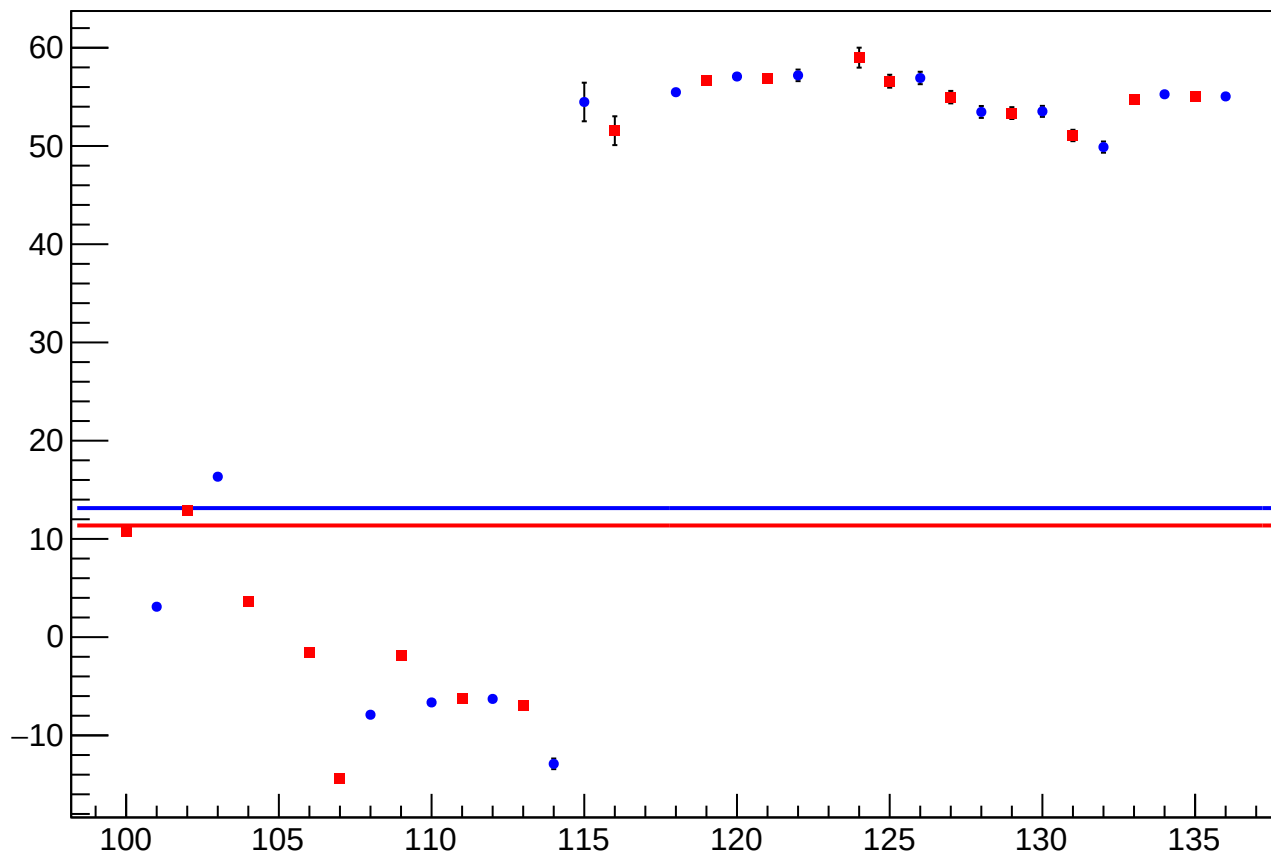
reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.141+/-0.053 χ^2/NDF : 1959.8/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -0.897+/-0.054 χ^2/NDF : 2984.5/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -0.369+/-0.038 χ^2/NDF : 5133.1/33
 In: 0.141+/-0.053 χ^2/NDF : 1959.8/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -0.369+/-0.038 χ^2/NDF : 5133.1/33

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: 11.367+/-0.068 χ^2/NDF : 113762.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

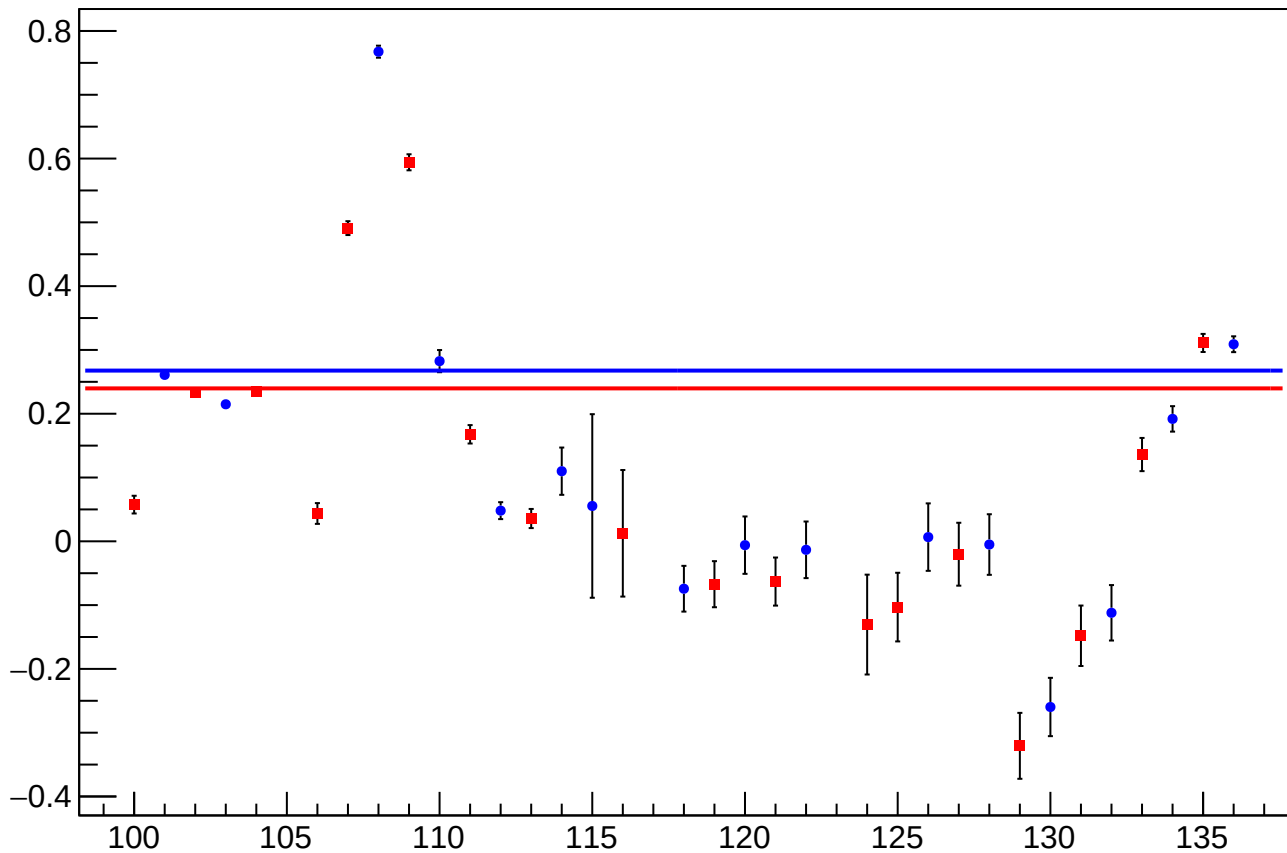
Right: 12.255+/-0.048 χ^2/NDF : 222674.1/33

In: 13.136+/-0.068 χ^2/NDF : 108574.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.255+/-0.048 χ^2/NDF : 222674.1/33

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.268 $\pm$ 0.003 χ^2 /NDF: 3720.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.240 $\pm$ 0.003 χ^2 /NDF: 2317.6/17

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

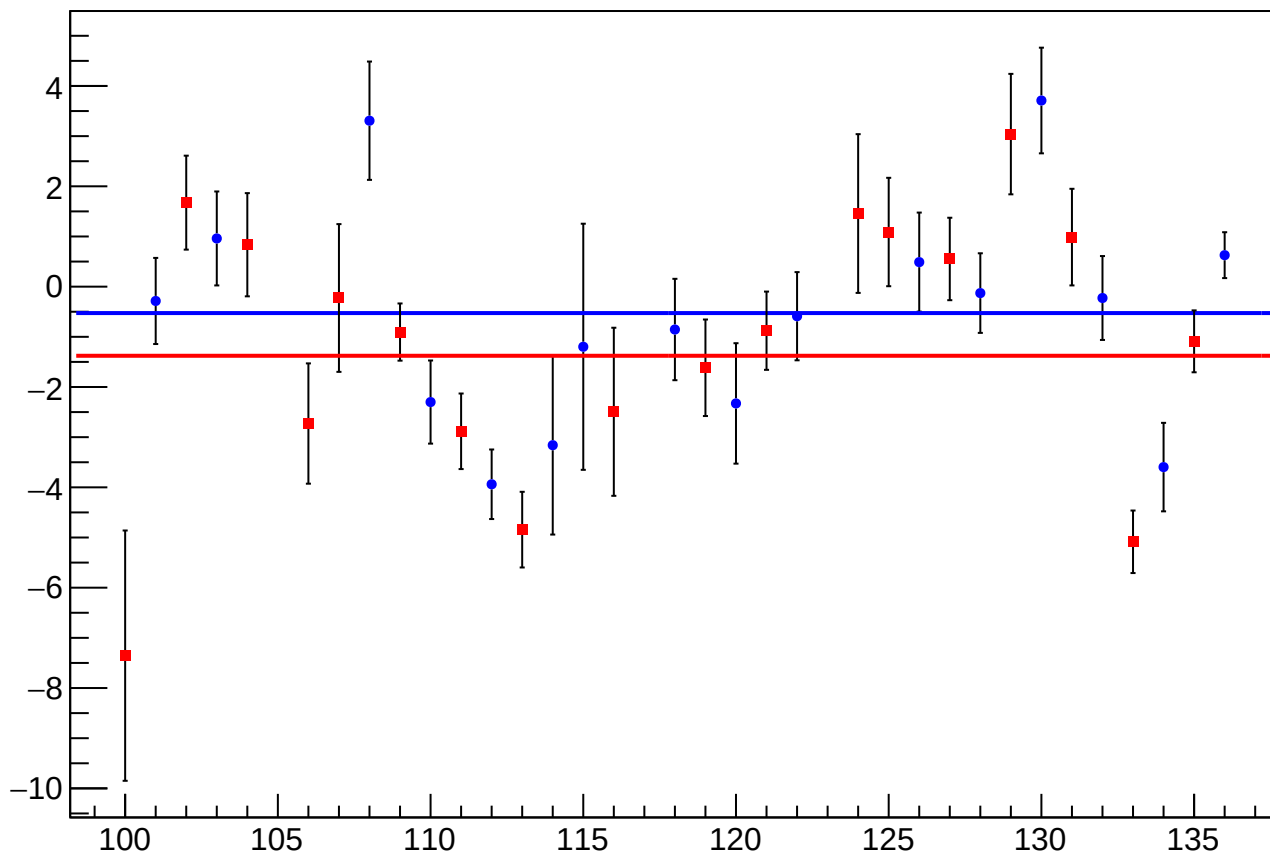
Right: 0.254 $\pm$ 0.002 χ^2 /NDF: 6088.6/33

In: 0.268 $\pm$ 0.003 χ^2 /NDF:3720.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.254 $\pm$ 0.002 χ^2 /NDF: 6088.6/33

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.527+/-0.217 χ^2/NDF : 82.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.378+/-0.209 χ^2/NDF : 118.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

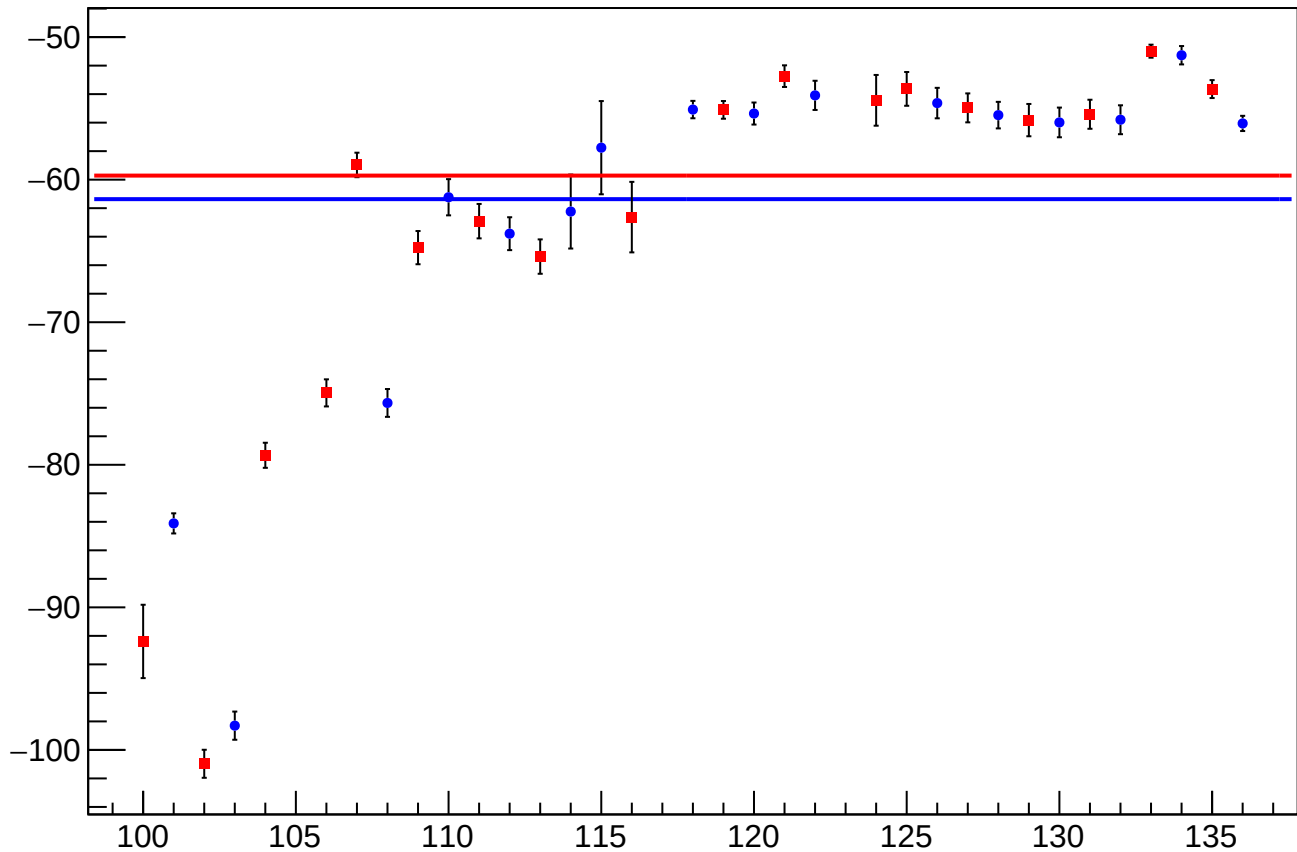
Right: -0.967+/-0.151 χ^2/NDF : 209.4/33

In: -0.527+/-0.217 χ^2/NDF : 82.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.967+/-0.151 χ^2/NDF : 209.4/33

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: -59.715 ± 0.210 χ^2/NDF : 3412.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

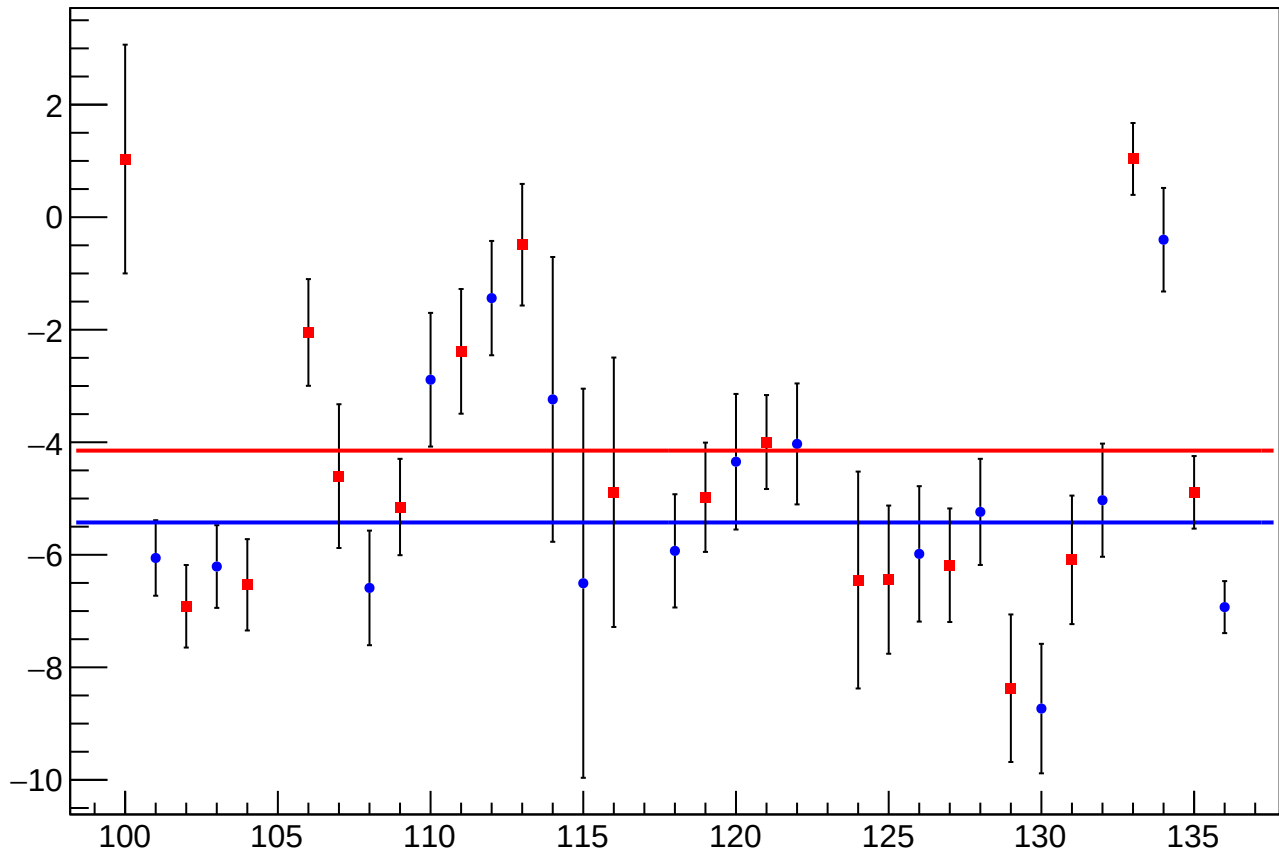
Right: -60.507 ± 0.152 χ^2/NDF : 6793.6/33

In: -61.367 ± 0.219 χ^2/NDF : 3351.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.507 ± 0.152 χ^2/NDF : 6793.6/33

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -5.425 ± 0.230 χ^2/NDF : 76.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.148 ± 0.229 χ^2/NDF : 139.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

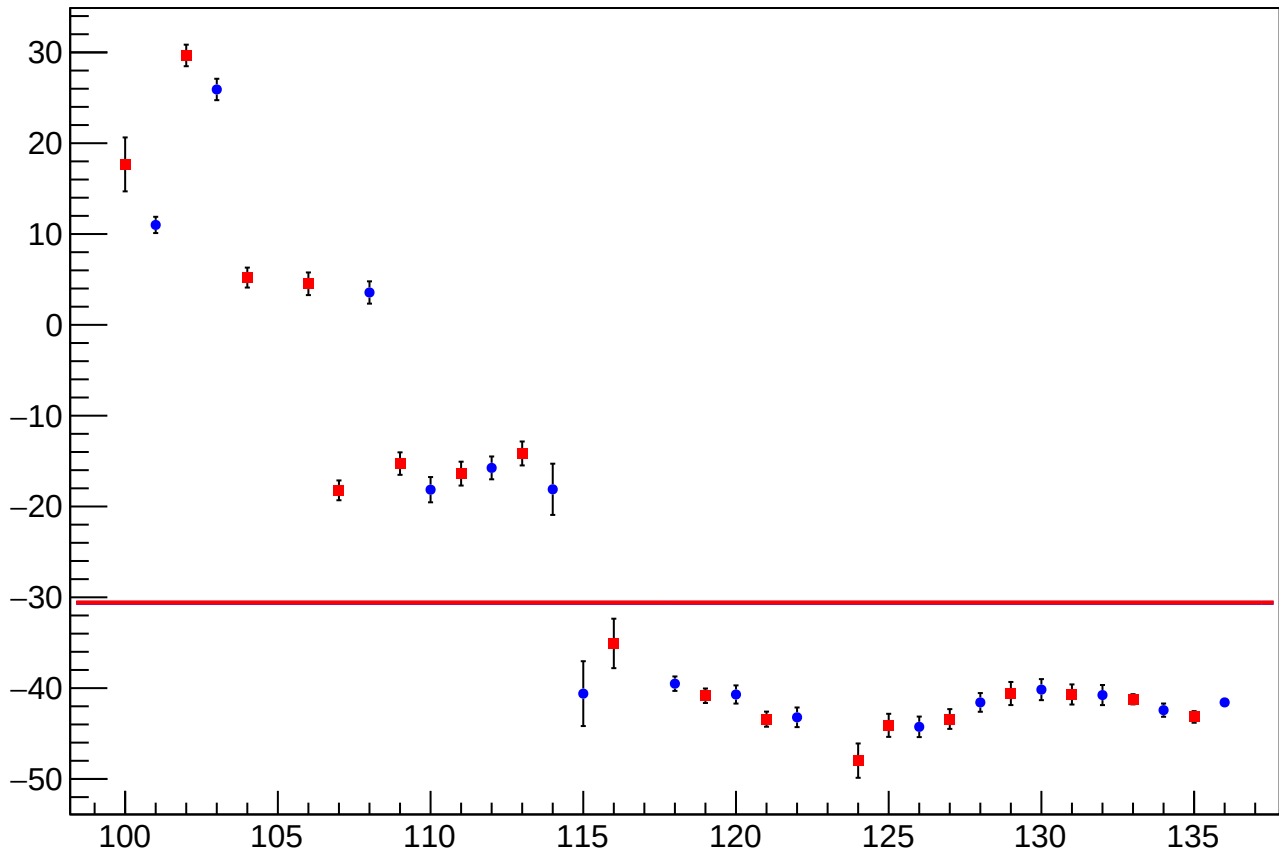
Right: -4.784 ± 0.162 χ^2/NDF : 231.0/33

In: -5.425 ± 0.230 χ^2/NDF : 76.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.784 ± 0.162 χ^2/NDF : 231.0/33

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -30.605 ± 0.249 $\chi^2/\text{NDF}: 6938.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -30.574 ± 0.243 $\chi^2/\text{NDF}: 6888.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

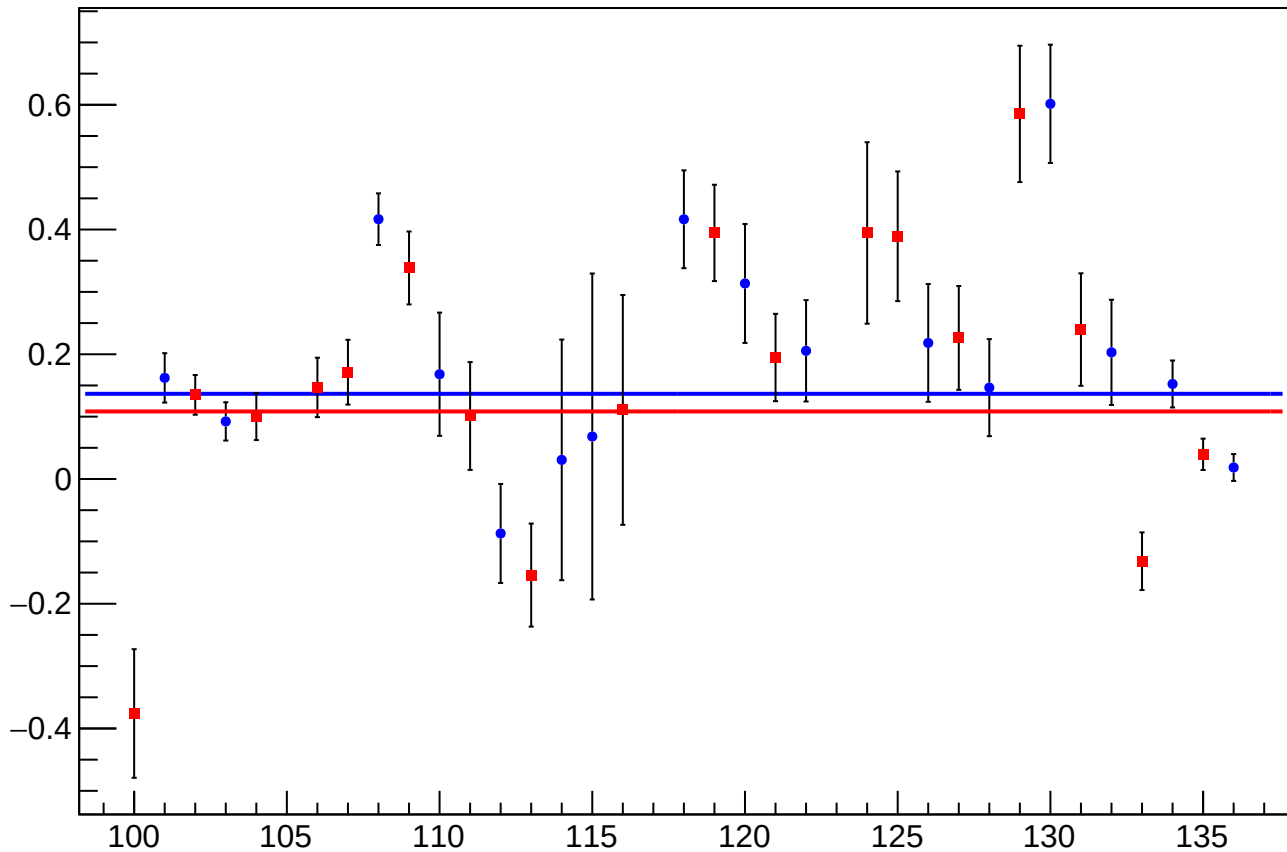
Right: -30.589 ± 0.174 $\chi^2/\text{NDF}: 13826.1/33$

In: -30.605 ± 0.249 $\chi^2/\text{NDF}: 6938.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -30.589 ± 0.174 $\chi^2/\text{NDF}: 13826.1/33$

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: 0.108+/-0.013 χ^2/NDF : 134.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

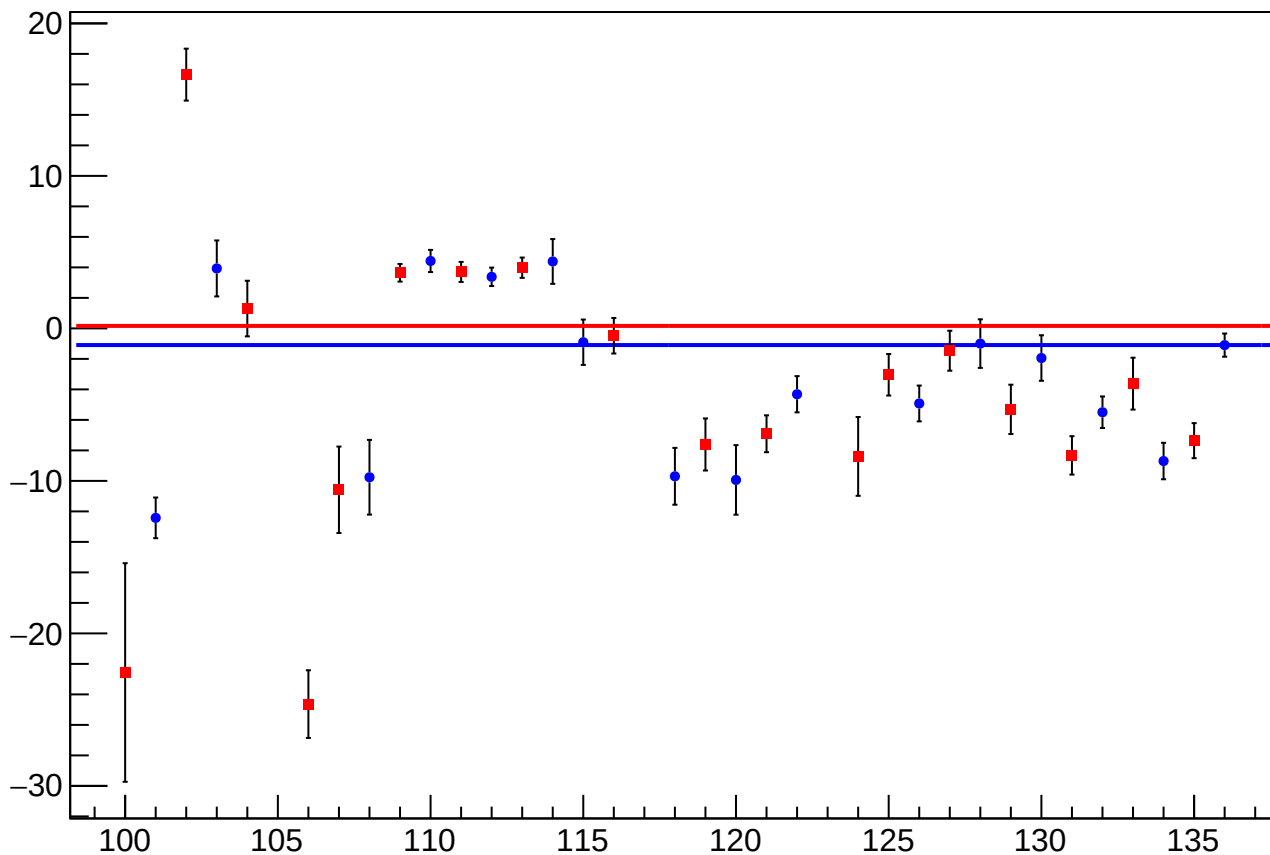
Right: 0.123+/-0.009 χ^2/NDF : 266.4/33

In: 0.137+/-0.013 χ^2/NDF : 129.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.123+/-0.009 χ^2/NDF : 266.4/33

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: 0.163 ± 0.270 χ^2/NDF : 519.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

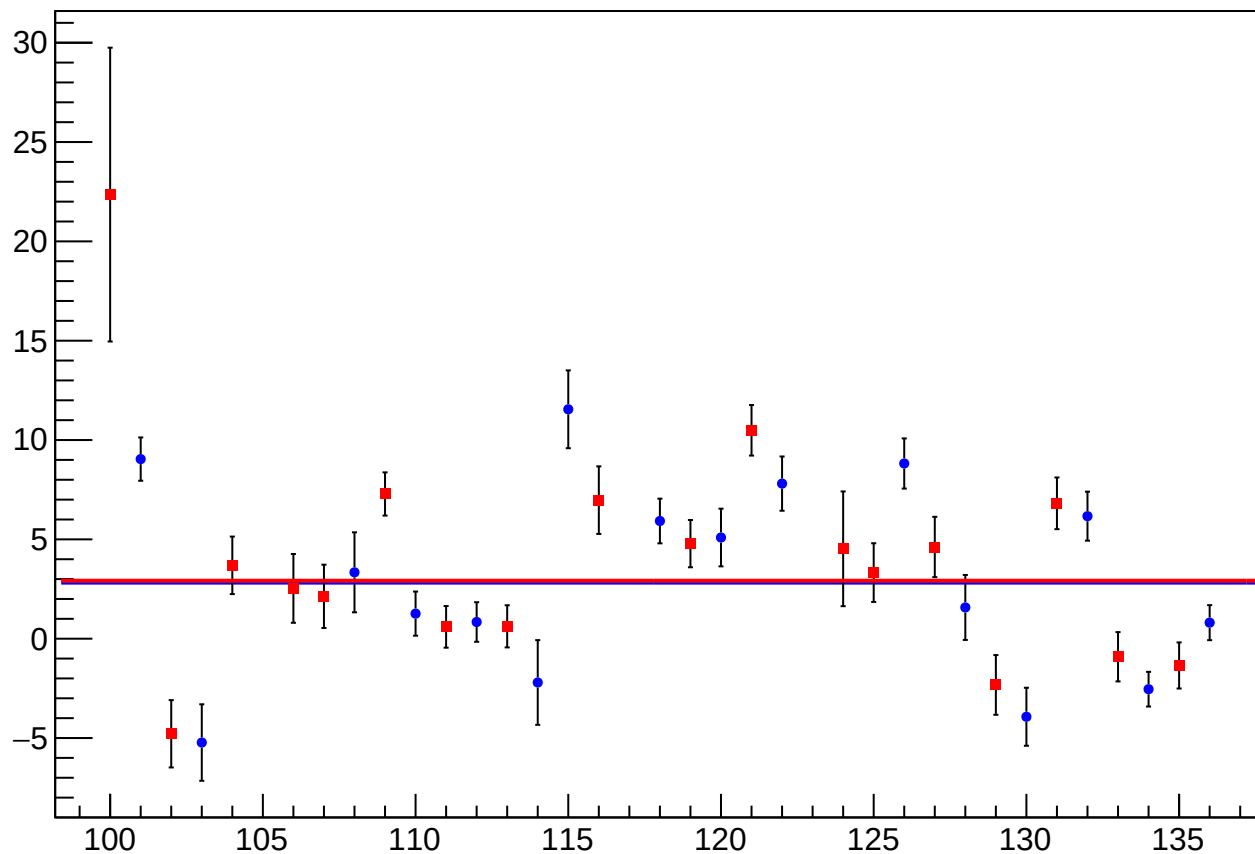
Right: -0.441 ± 0.195 χ^2/NDF : 861.8/33

In: -1.092 ± 0.281 χ^2/NDF : 332.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.441 ± 0.195 χ^2/NDF : 861.8/33

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: 2.916+/-0.328 χ^2/NDF : 143.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

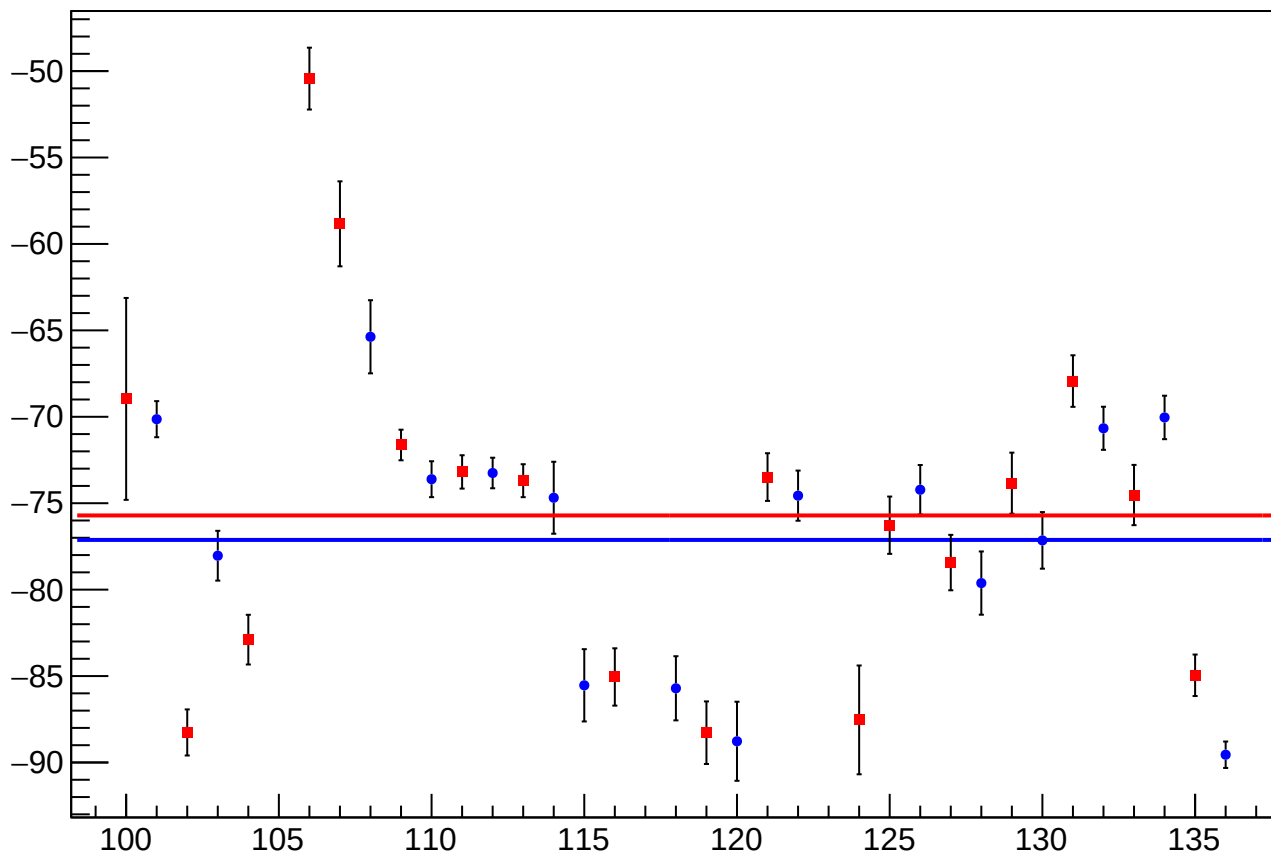
Right: 2.868+/-0.226 χ^2/NDF : 342.8/33

In: 2.823+/-0.313 χ^2/NDF : 199.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.868+/-0.226 χ^2/NDF : 342.8/33

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: -75.707+/-0.336 χ^2/NDF : 581.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

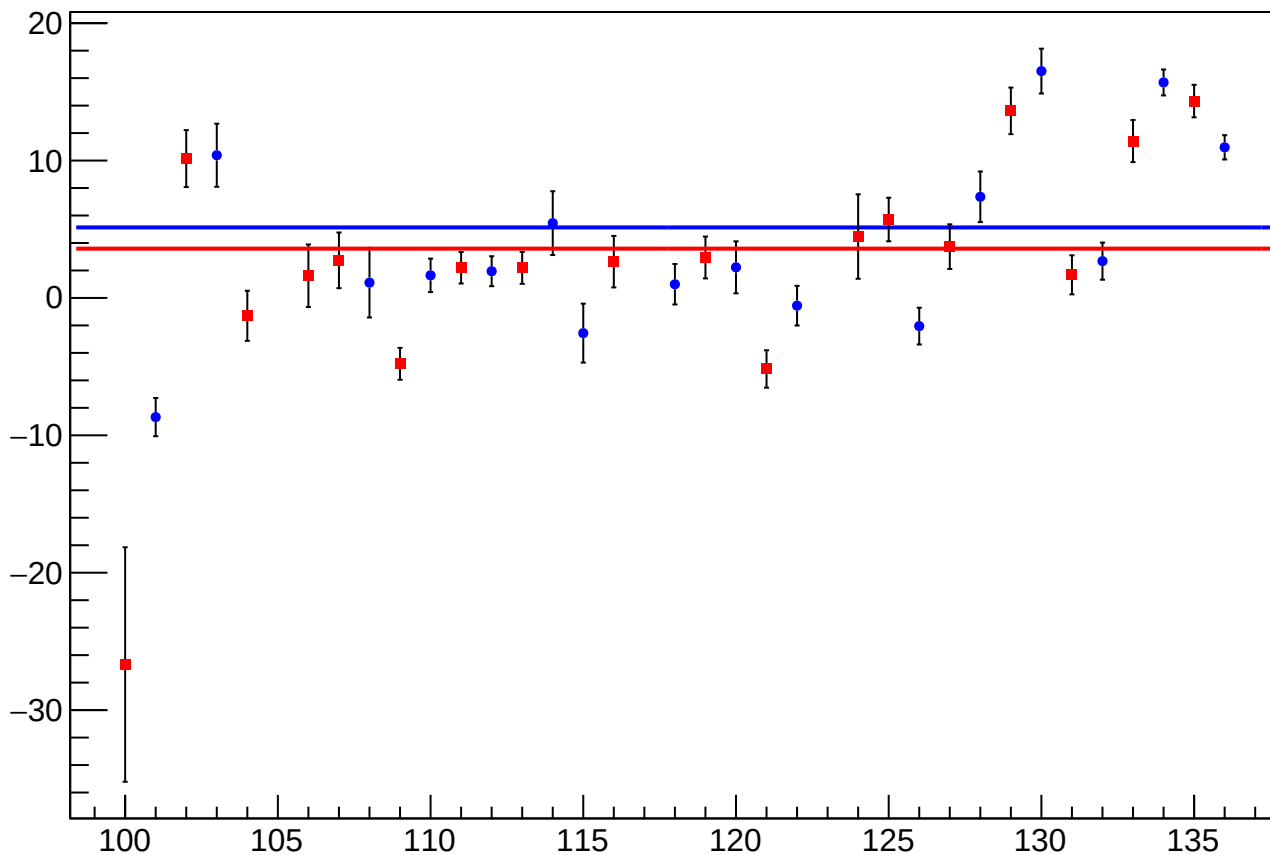
Right: -76.437+/-0.234 χ^2/NDF : 1094.2/33

In: -77.123+/-0.326 χ^2/NDF : 503.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -76.437+/-0.234 χ^2/NDF : 1094.2/33

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 5.132 $\pm$ 0.350 χ^2 /NDF: 412.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.589 $\pm$ 0.369 χ^2 /NDF: 275.0/17

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

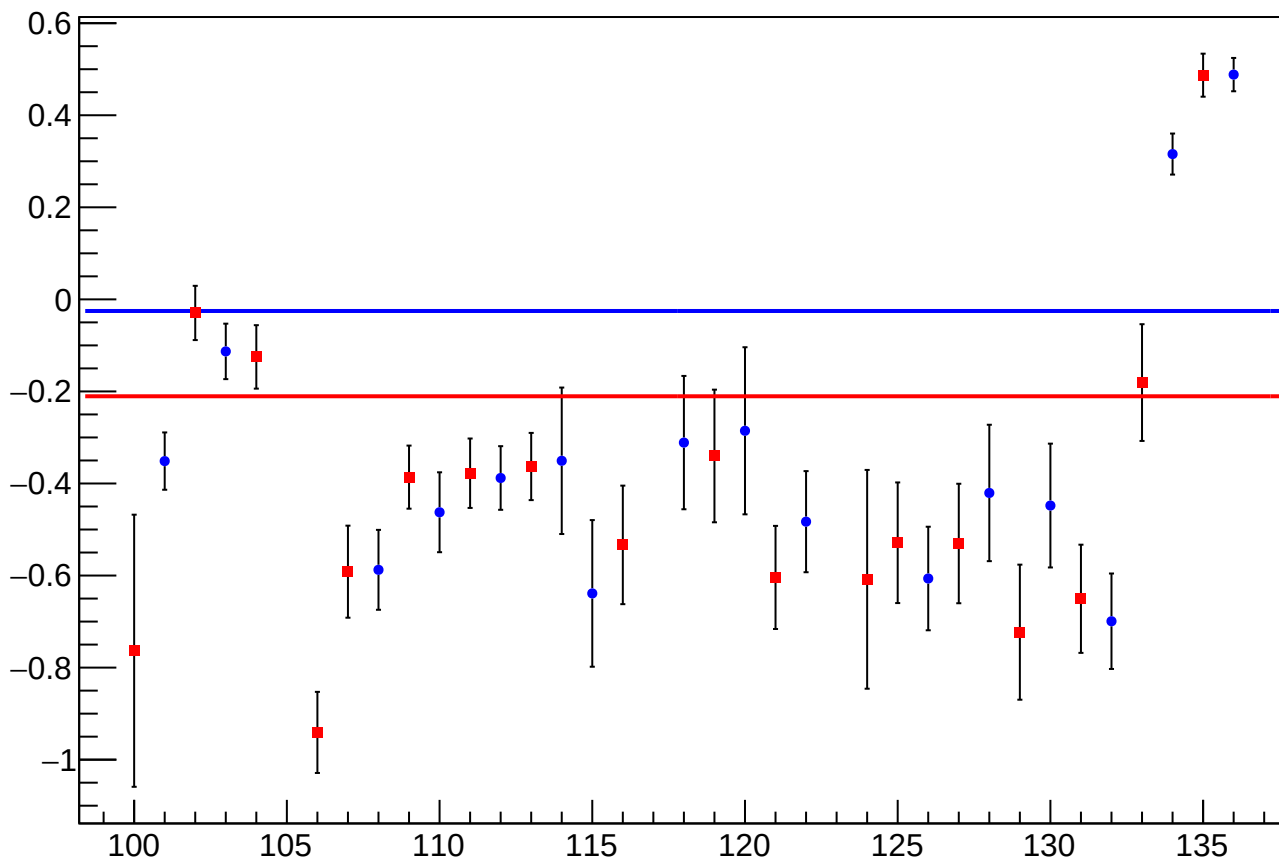
Right: 4.401 $\pm$ 0.254 χ^2 /NDF: 696.6/33

In: 5.132 $\pm$ 0.350 χ^2 /NDF:412.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.401 $\pm$ 0.254 χ^2 /NDF: 696.6/33

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: -0.211+/-0.021 χ^2/NDF : 396.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

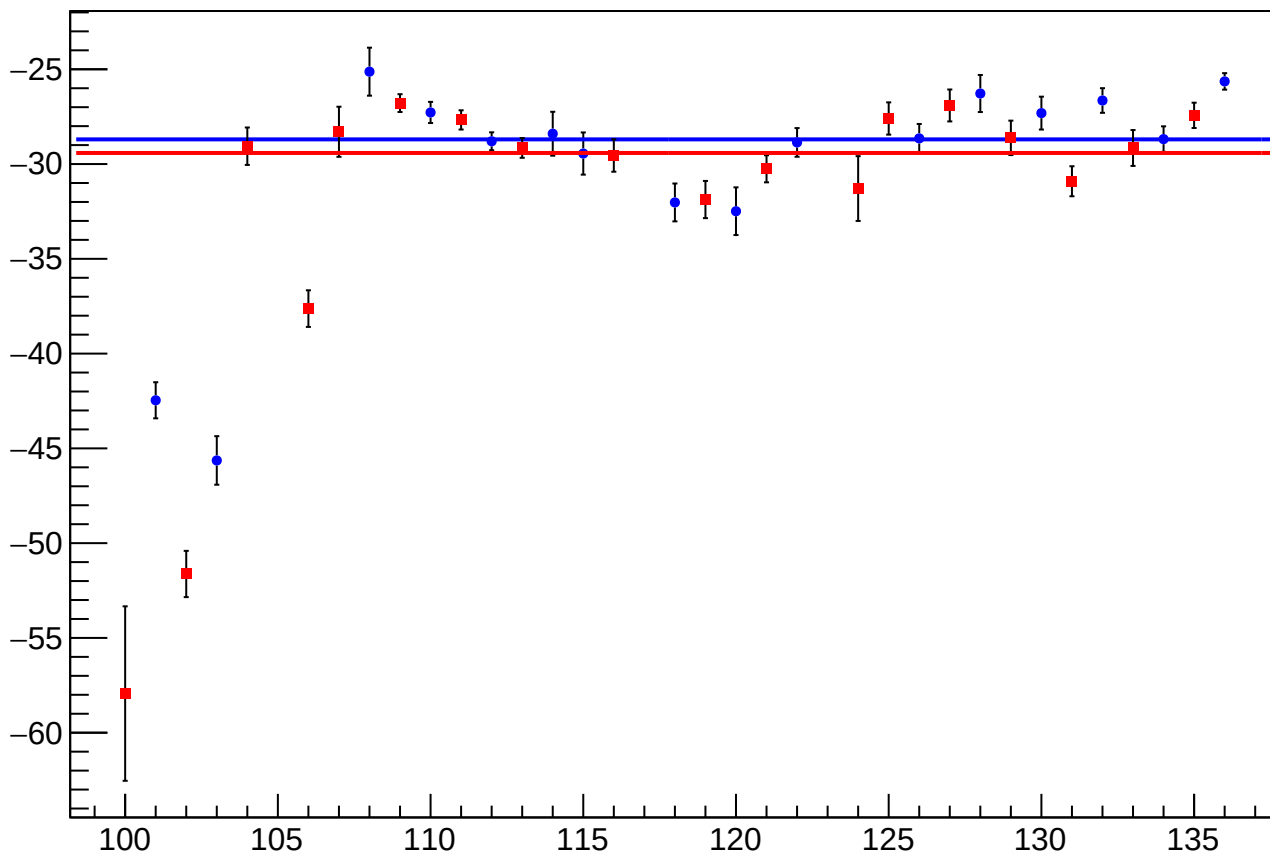
Right: -0.109+/-0.014 χ^2/NDF : 952.3/33

In: -0.025+/-0.019 χ^2/NDF : 512.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.109+/-0.014 χ^2/NDF : 952.3/33

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -28.698 $\pm$ 0.186 χ^2 /NDF: 487.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -29.415 $\pm$ 0.185 χ^2 /NDF: 521.9/17

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

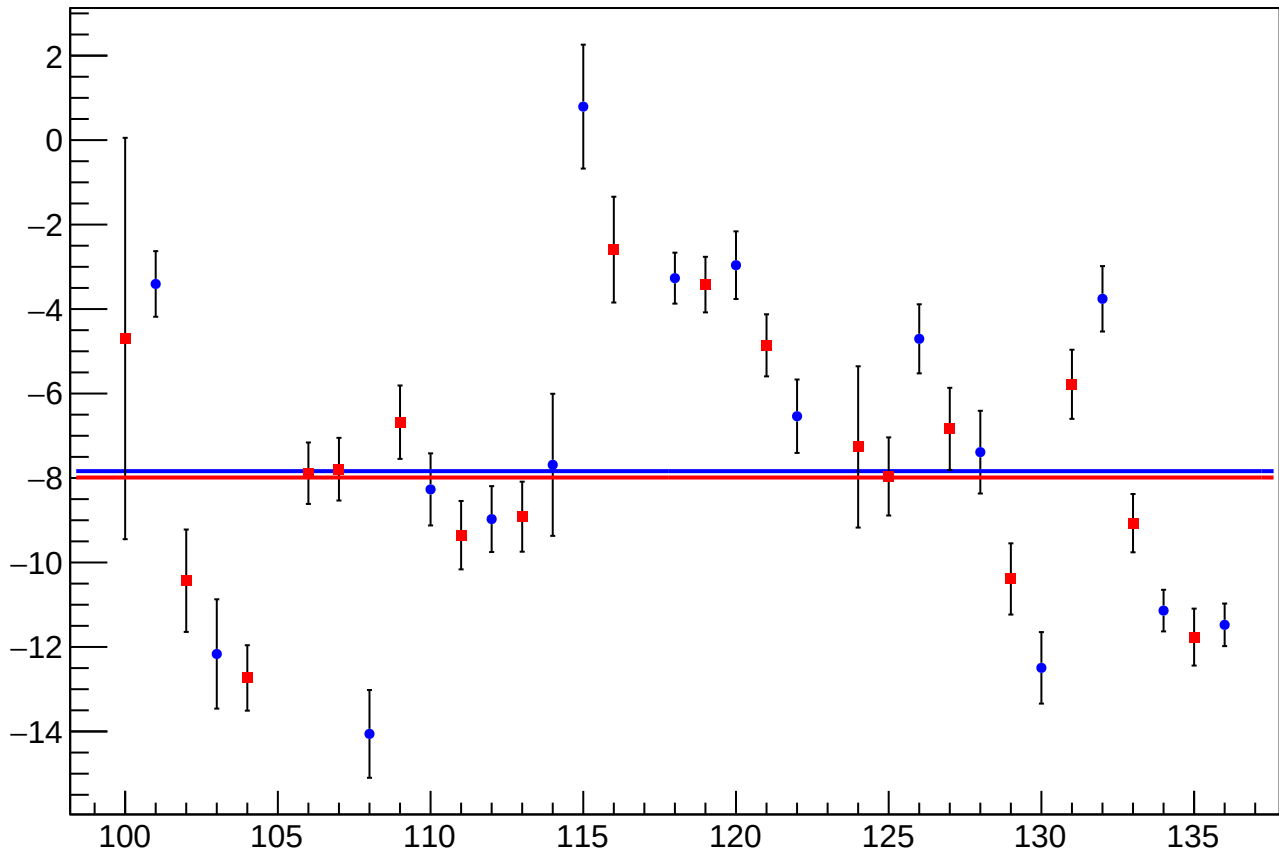
Right: -29.058 $\pm$ 0.131 χ^2 /NDF: 1016.6/33

In: -28.698 $\pm$ 0.186 χ^2 /NDF:487.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -29.058 $\pm$ 0.131 χ^2 /NDF: 1016.6/33

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -7.837 $\pm$ 0.195 χ^2 /NDF: 383.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.988 $\pm$ 0.200 χ^2 /NDF: 184.2/17

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

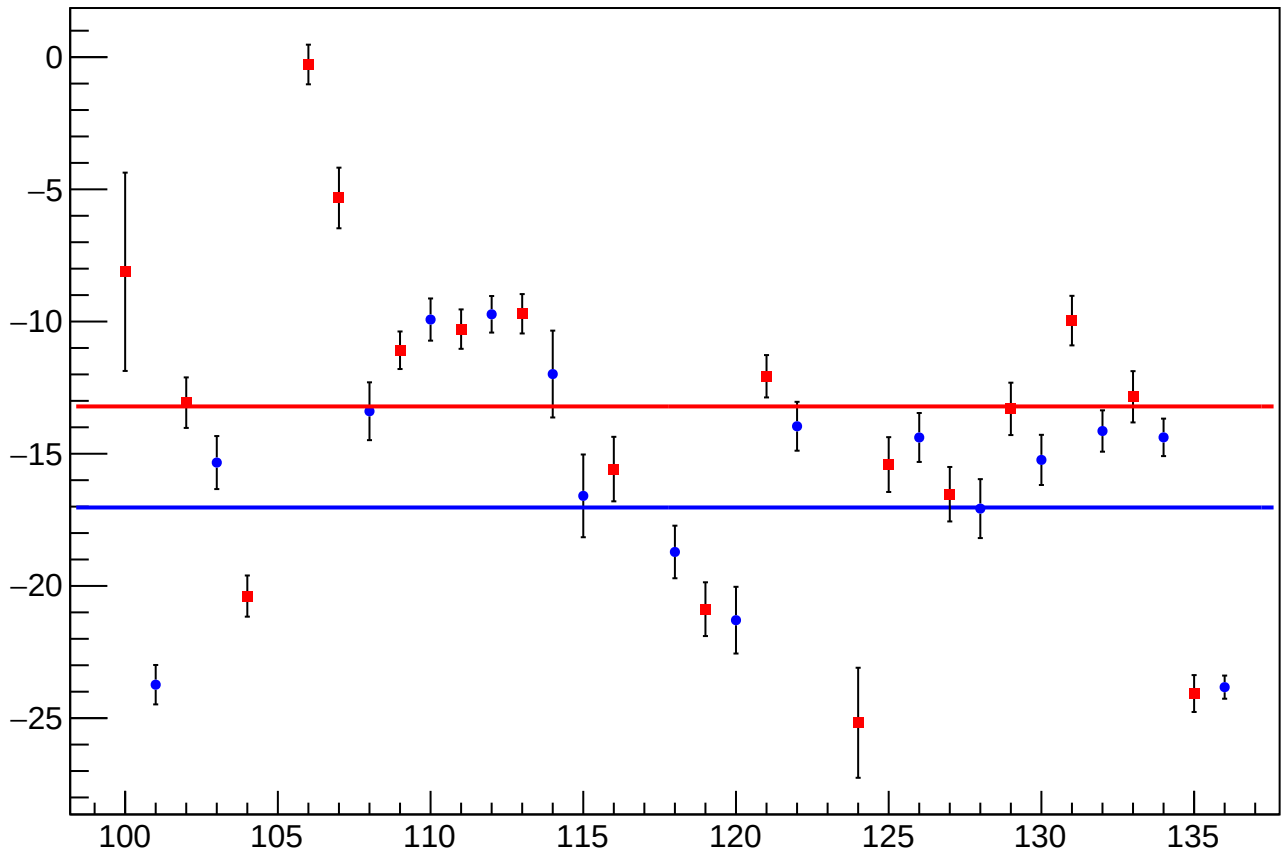
Right: -7.911 $\pm$ 0.140 χ^2 /NDF: 567.8/33

In: -7.837 $\pm$ 0.195 χ^2 /NDF:383.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -7.911 $\pm$ 0.140 χ^2 /NDF: 567.8/33

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: -13.211 ± 0.216 χ^2/NDF : 843.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

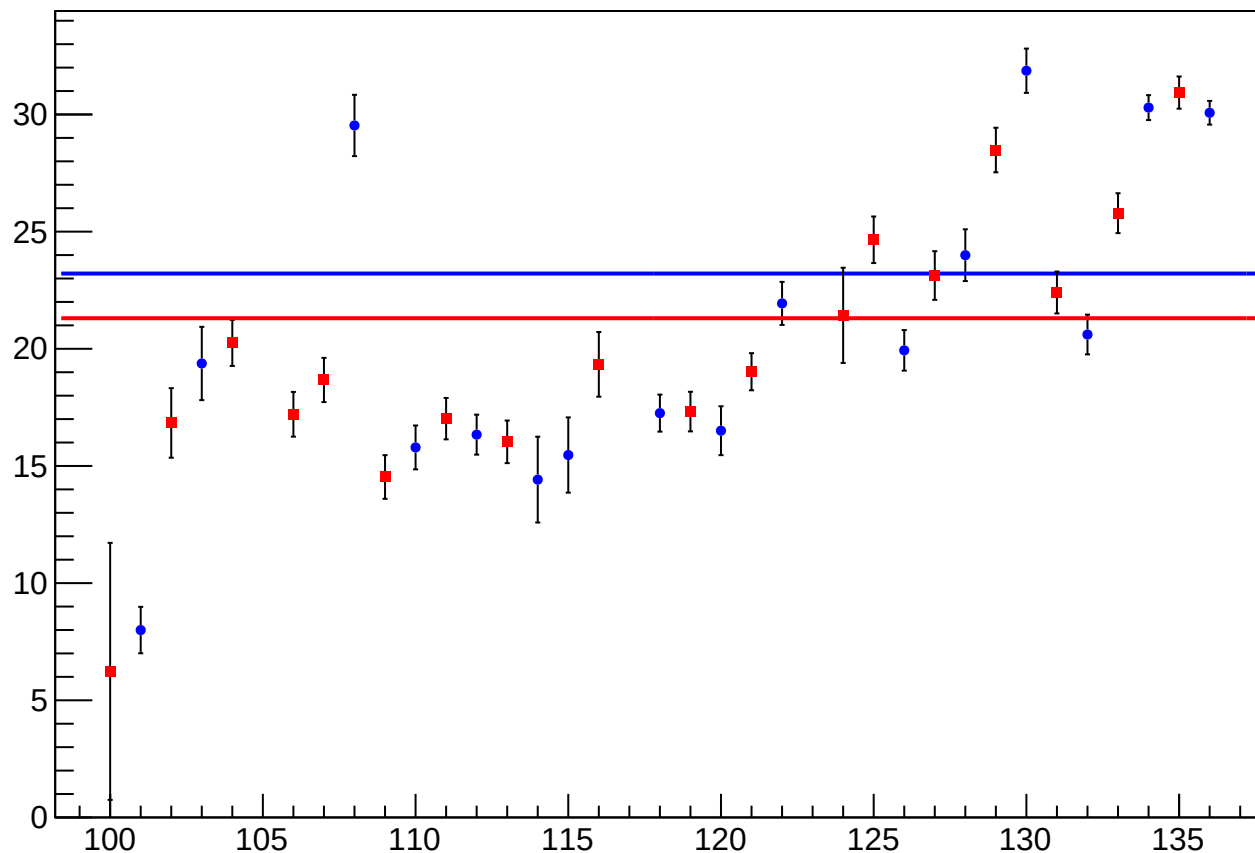
Right: -15.178 ± 0.150 χ^2/NDF : 1606.0/33

In: -17.033 ± 0.209 χ^2/NDF : 601.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.178 ± 0.150 χ^2/NDF : 1606.0/33

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: 21.305+/-0.230 χ^2/NDF : 484.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

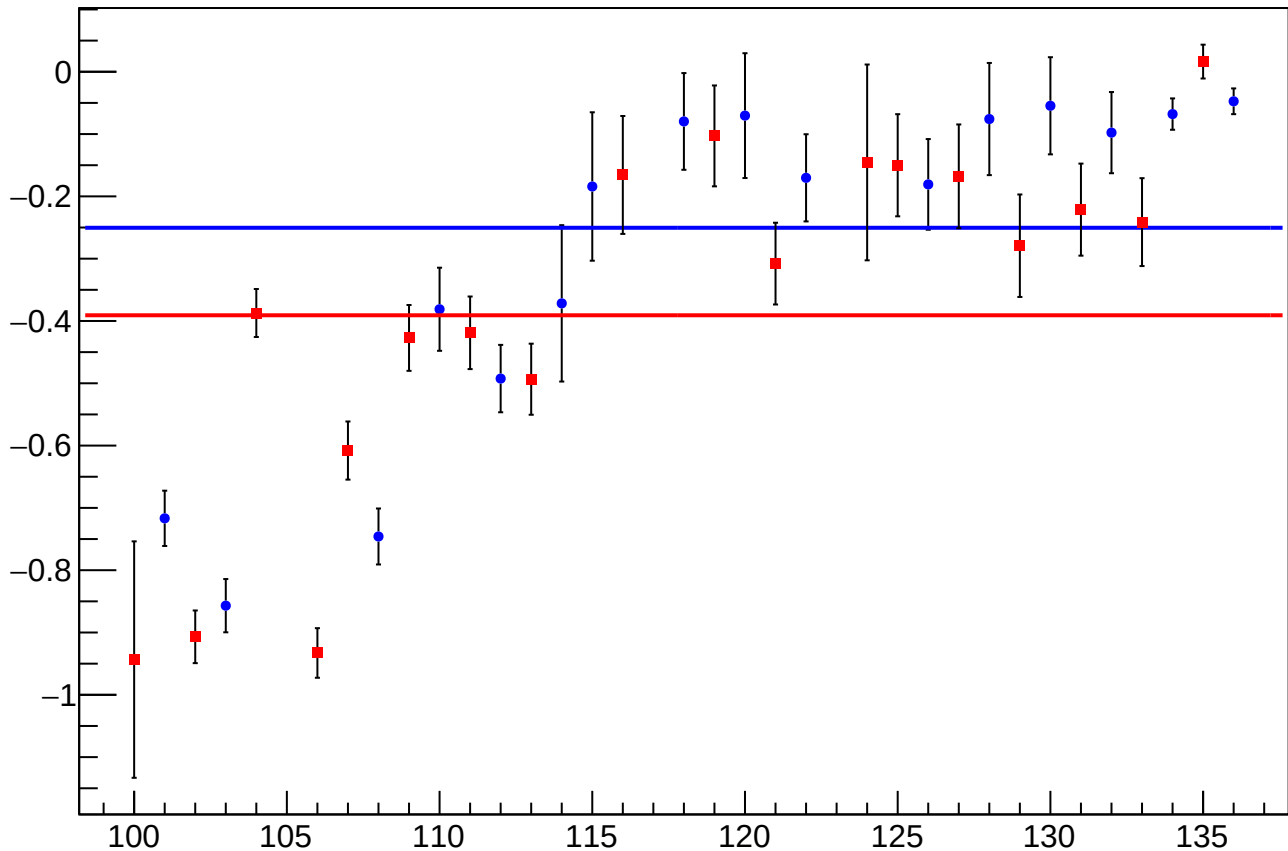
Right: 22.307+/-0.158 χ^2/NDF : 1528.4/33

In: 23.211+/-0.218 χ^2/NDF :1008.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 22.307+/-0.158 χ^2/NDF : 1528.4/33

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: -0.391 ± 0.013 χ^2/NDF : 643.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

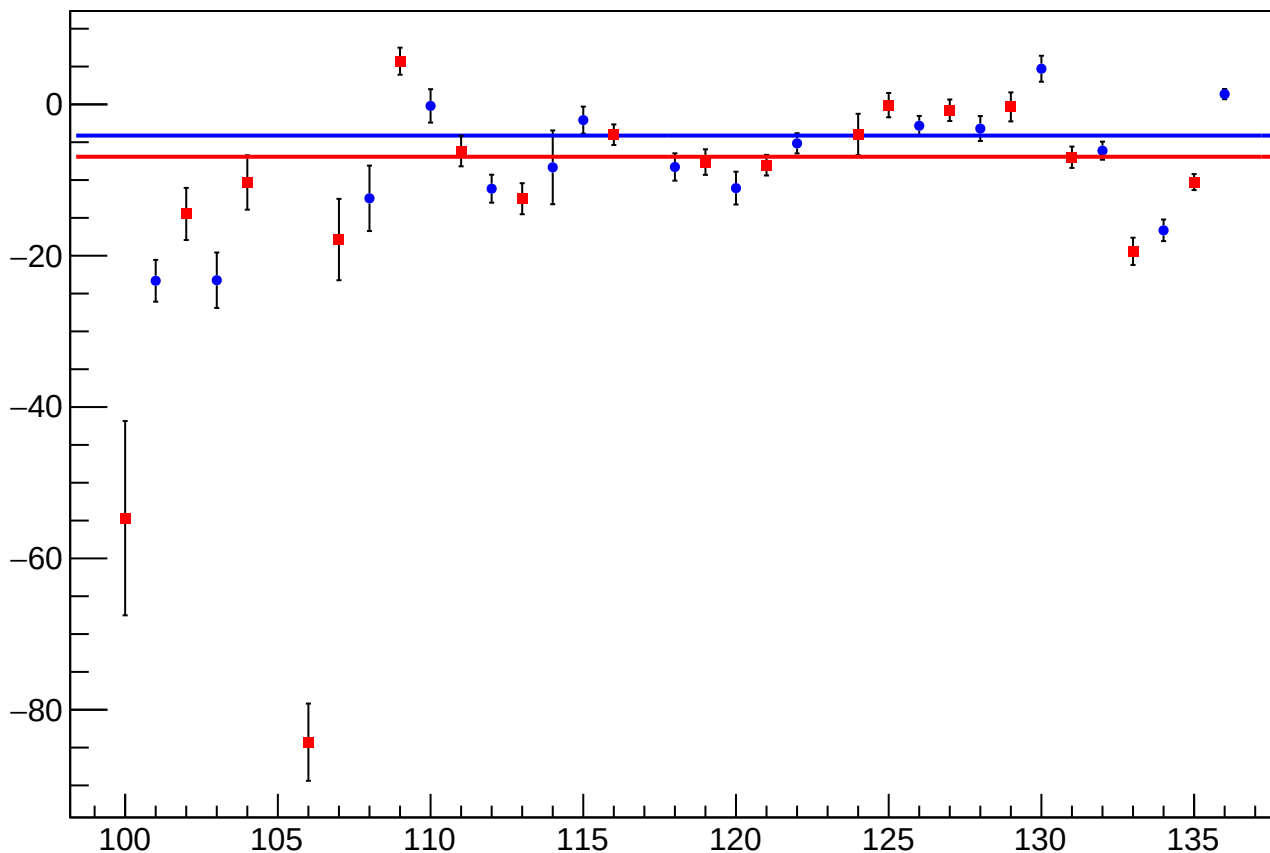
Right: -0.314 ± 0.009 χ^2/NDF : 1342.3/33

In: -0.250 ± 0.012 χ^2/NDF : 633.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.314 ± 0.009 χ^2/NDF : 1342.3/33

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: -6.922 ± 0.428 χ^2/NDF : 424.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

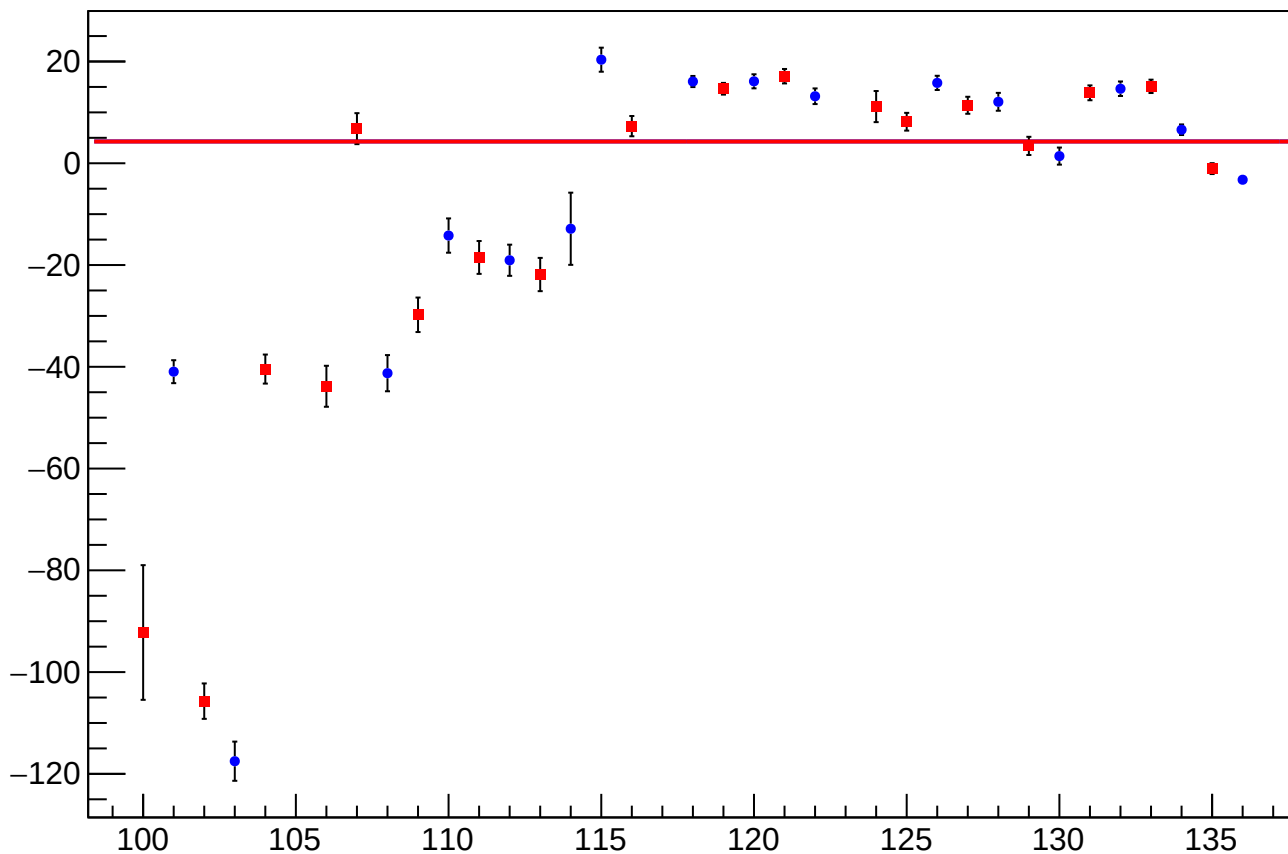
Right: -5.364 ± 0.285 χ^2/NDF : 735.9/33

In: -4.124 ± 0.382 χ^2/NDF : 287.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.364 ± 0.285 χ^2/NDF : 735.9/33

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: 4.275+/-0.439 χ^2/NDF : 1984.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

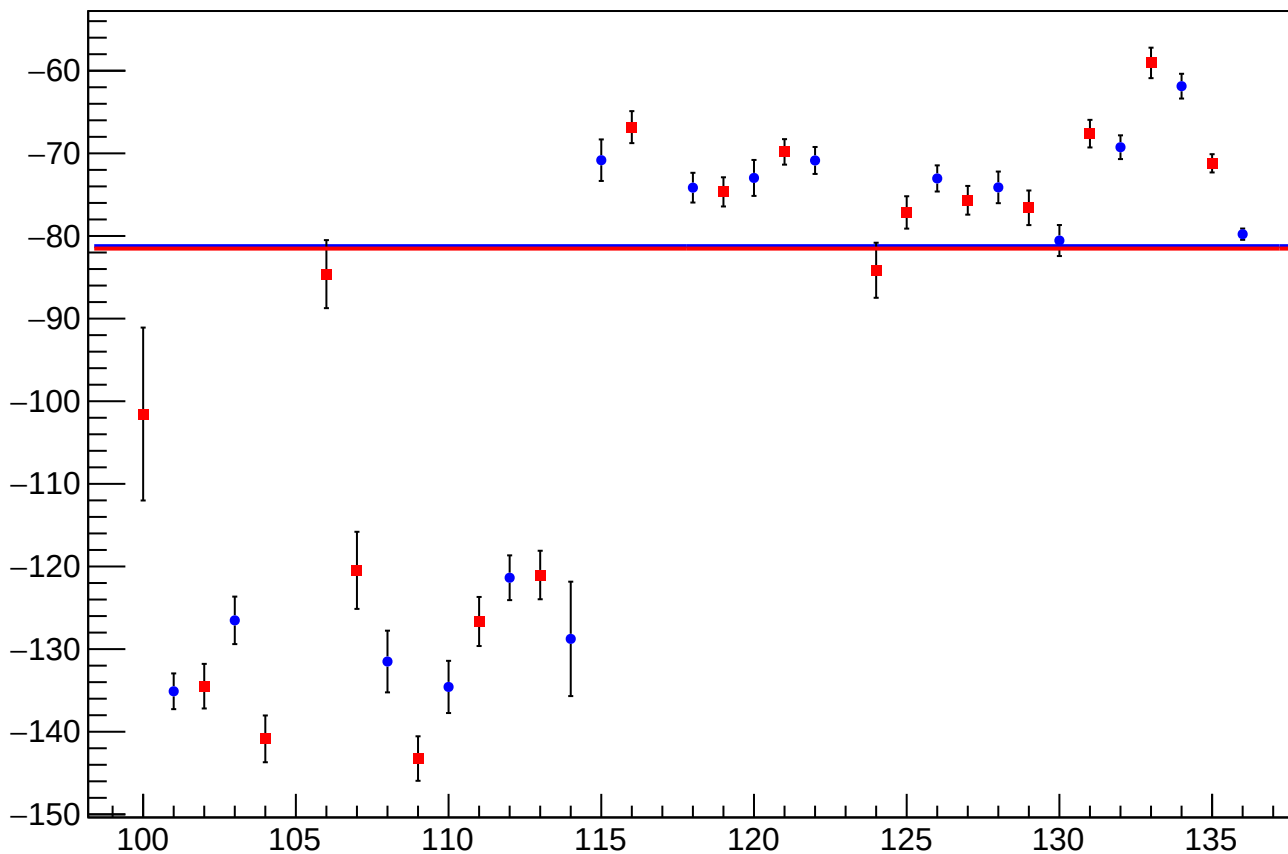
Right: 4.285+/-0.289 χ^2/NDF : 4154.0/33

In: 4.292+/-0.385 χ^2/NDF :2169.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 4.285+/-0.289 χ^2/NDF : 4154.0/33

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: -81.526+/-0.492 χ^2/NDF : 2293.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

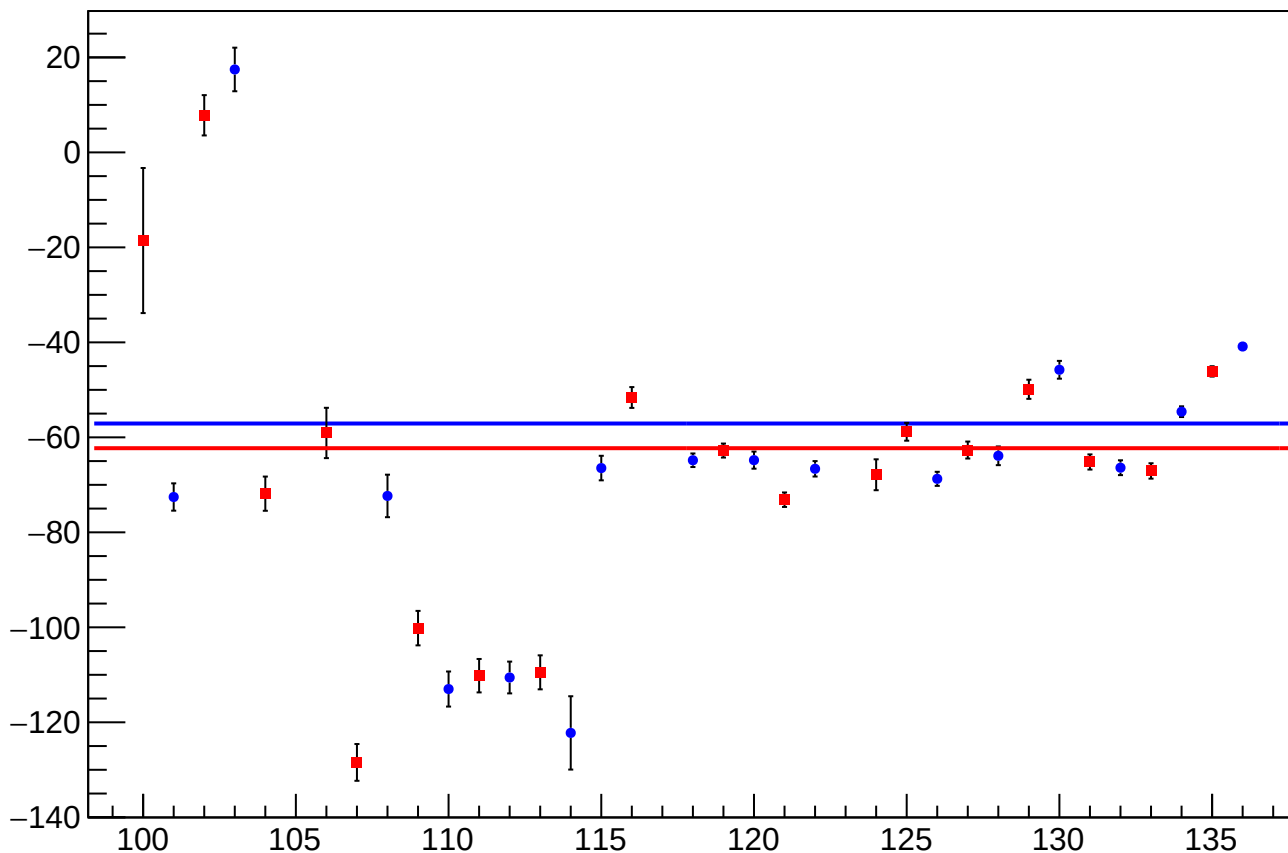
Right: -81.354+/-0.318 χ^2/NDF : 4264.5/33

In: -81.231+/-0.417 χ^2/NDF :1971.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -81.354+/-0.318 χ^2/NDF : 4264.5/33

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: -62.285 ± 0.492 χ^2/NDF : 1400.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

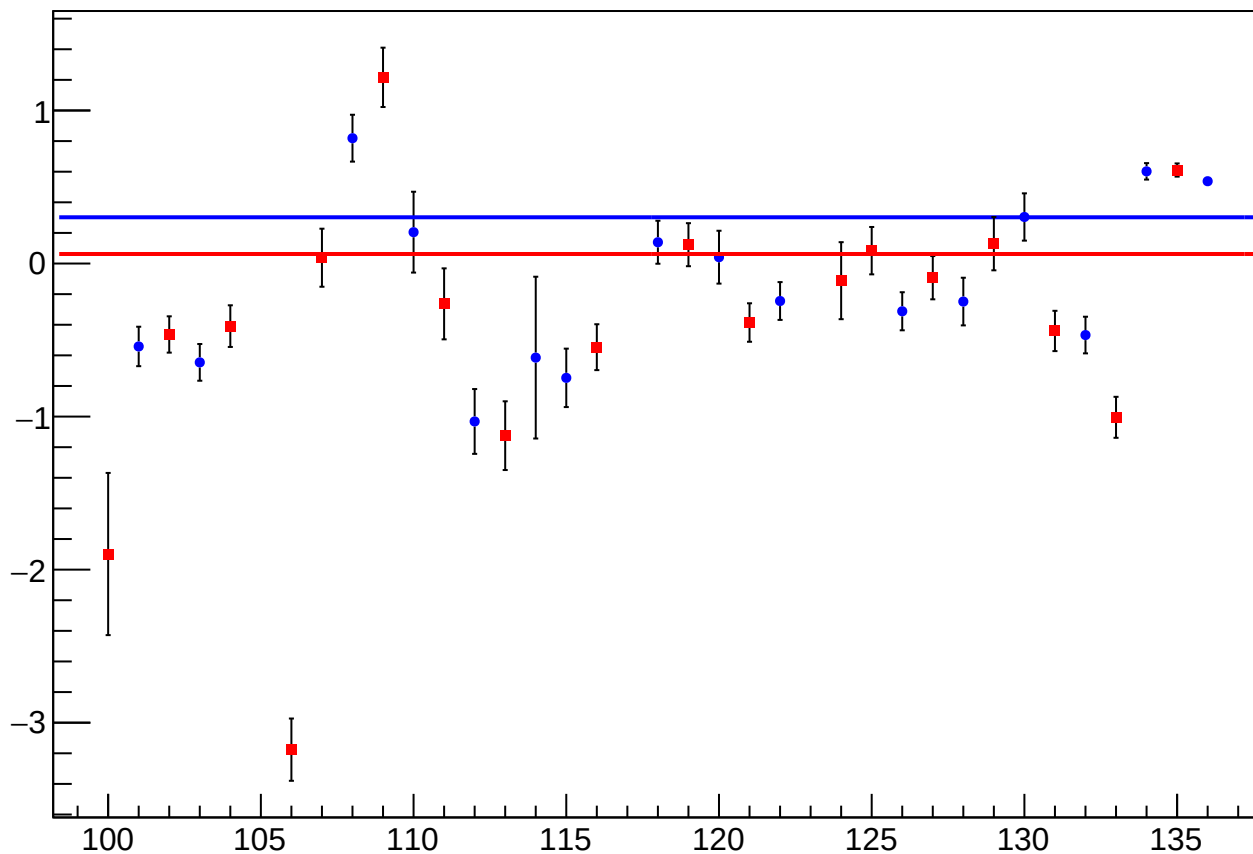
Right: -59.313 ± 0.322 χ^2/NDF : 2990.6/33

In: -57.089 ± 0.426 χ^2/NDF : 1526.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -59.313 ± 0.322 χ^2/NDF : 2990.6/33

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: 0.062 $\pm$ 0.029 χ^2 /NDF: 635.7/17

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

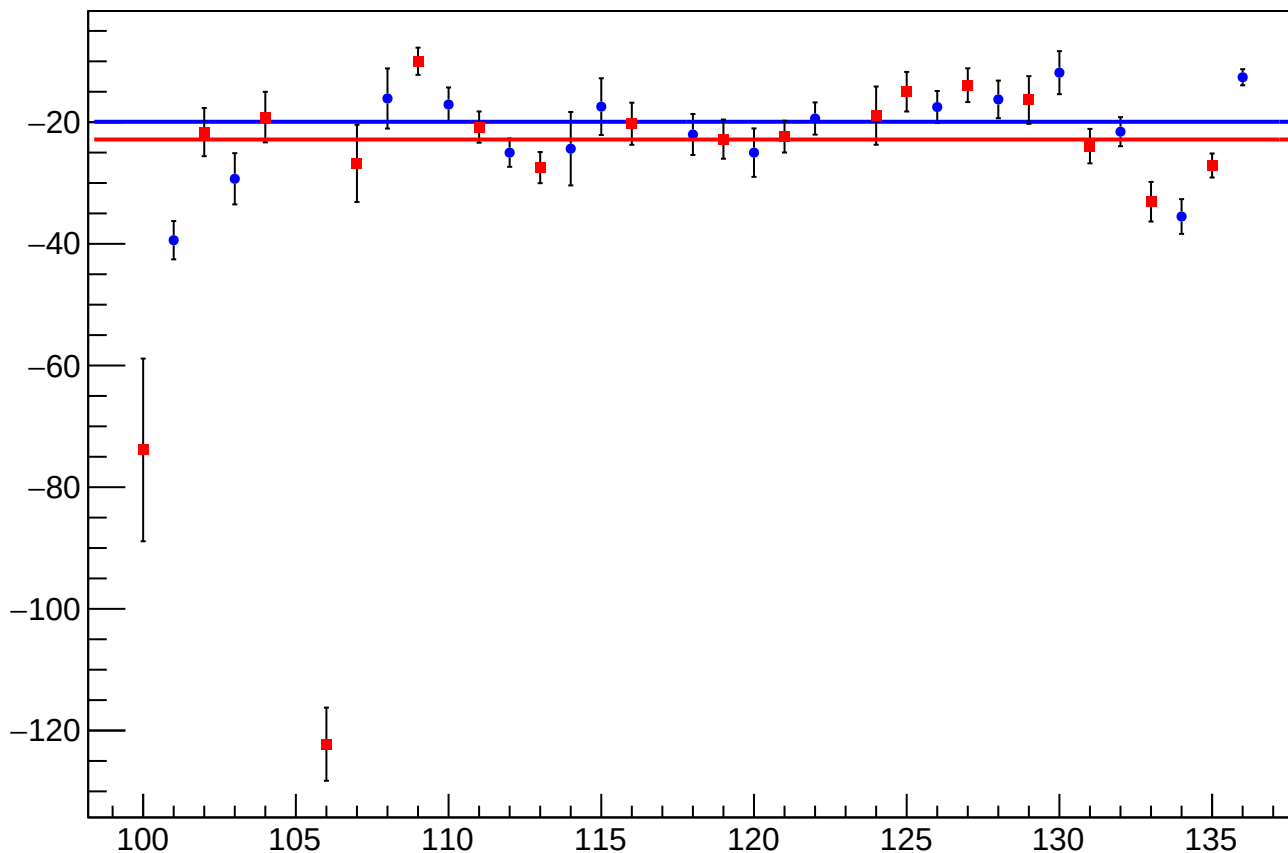
Right: 0.209 $\pm$ 0.018 χ^2 /NDF: 1052.8/33

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: 0.209 $\pm$ 0.018 χ^2 /NDF: 1052.8/33

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: -22.852 ± 0.741 χ^2/NDF : 357.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

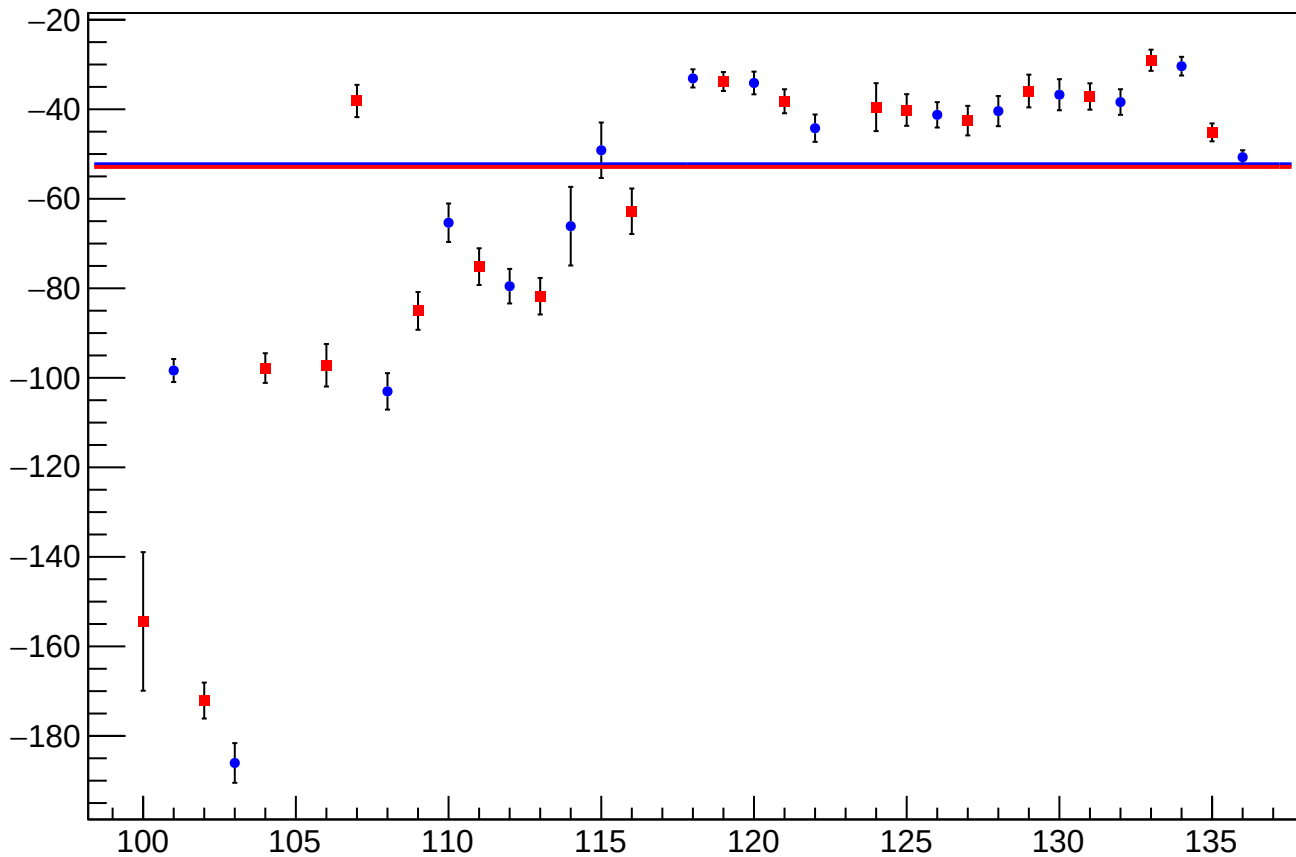
Right: -21.299 ± 0.507 χ^2/NDF : 486.7/33

In: -19.935 ± 0.695 χ^2/NDF : 120.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -21.299 ± 0.507 χ^2/NDF : 486.7/33

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: -52.872+/-0.771 χ^2/NDF : 1662.0/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

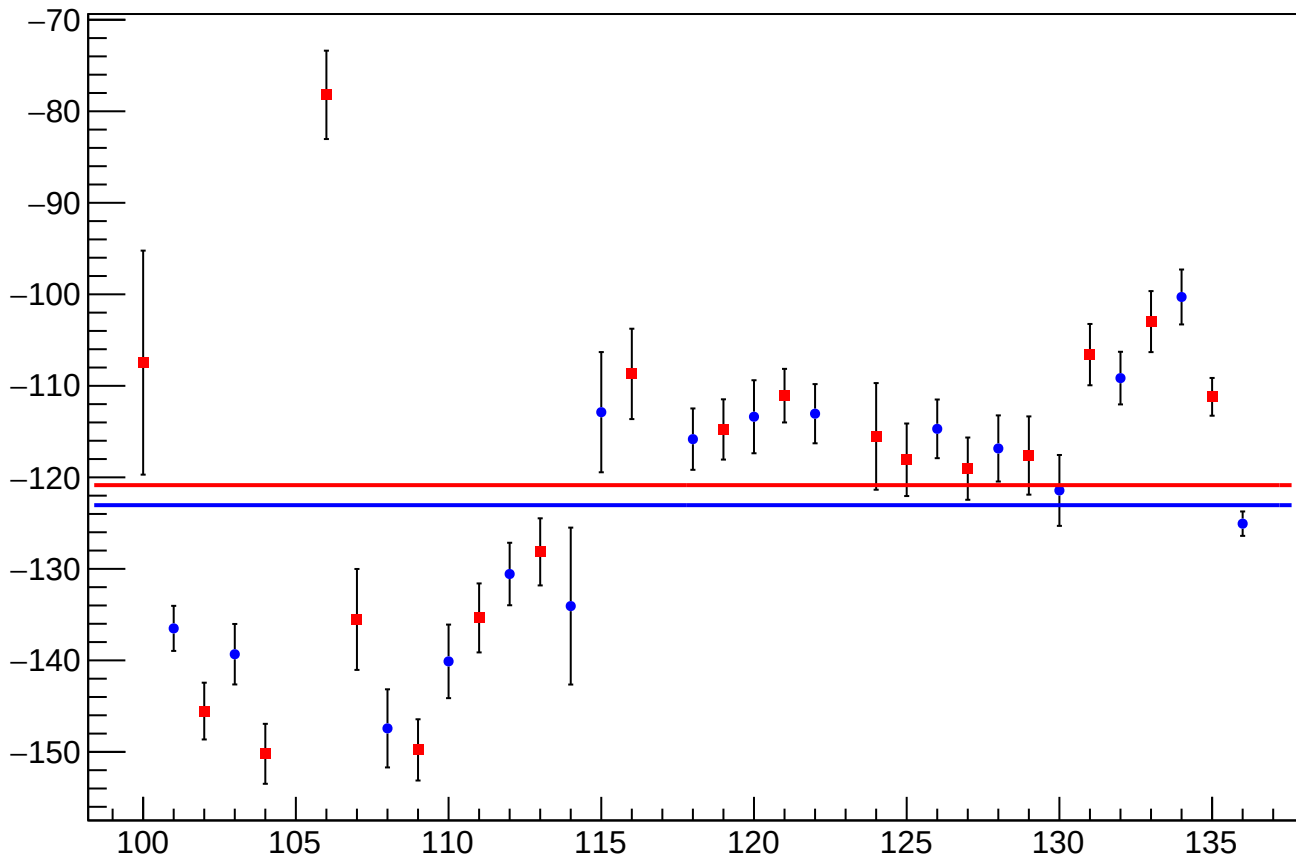
Right: -52.559+/-0.522 χ^2/NDF : 3440.5/33

In: -52.296+/-0.708 χ^2/NDF :1778.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -52.559+/-0.522 χ^2/NDF : 3440.5/33

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: -120.851+/-0.842 χ^2 /NDF: 415.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

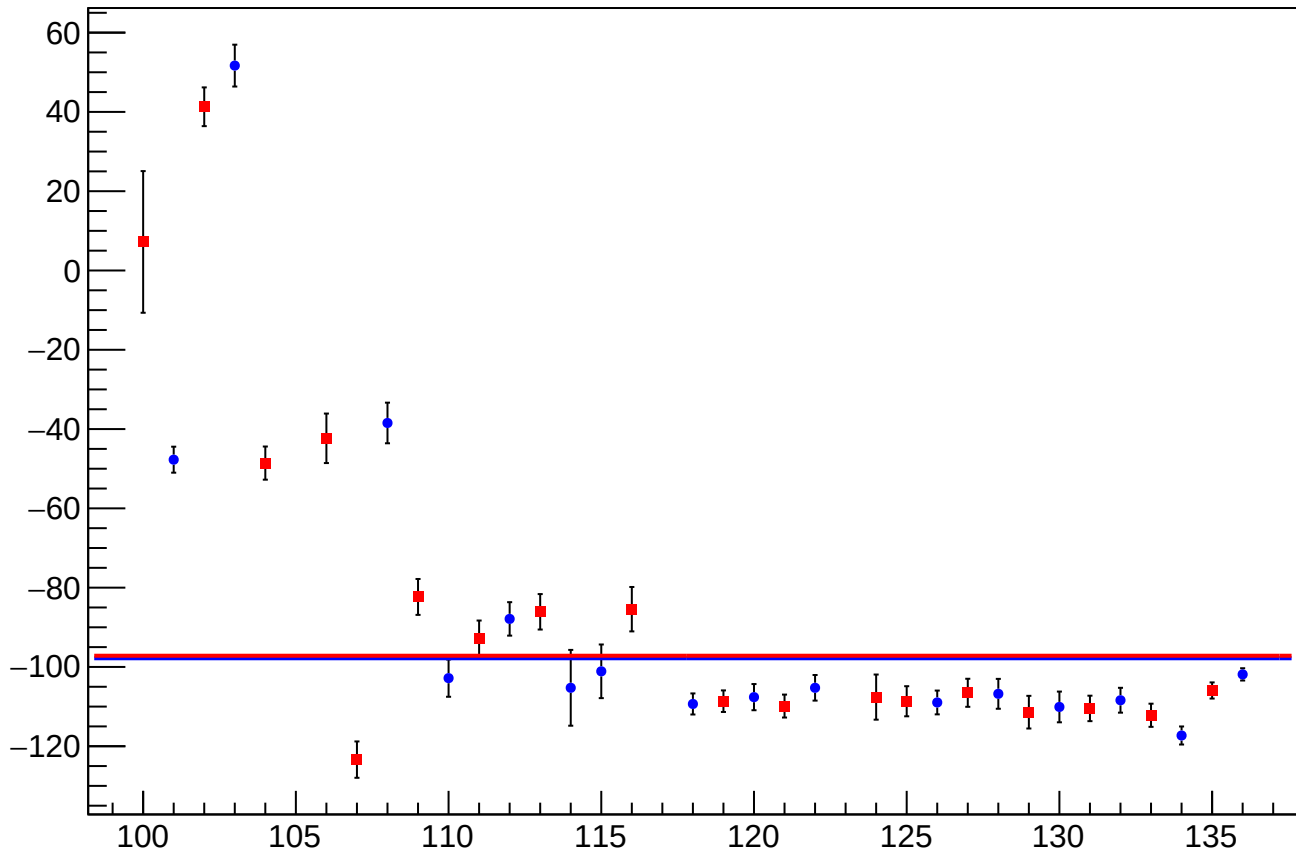
Right: -122.071+/-0.560 χ^2 /NDF: 645.6/33

In: -123.039+/-0.750 χ^2 /NDF:226.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -122.071+/-0.560 χ^2 /NDF: 645.6/33

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.814+/-0.793 χ^2/NDF : 1330.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -97.171+/-0.875 χ^2/NDF : 1234.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

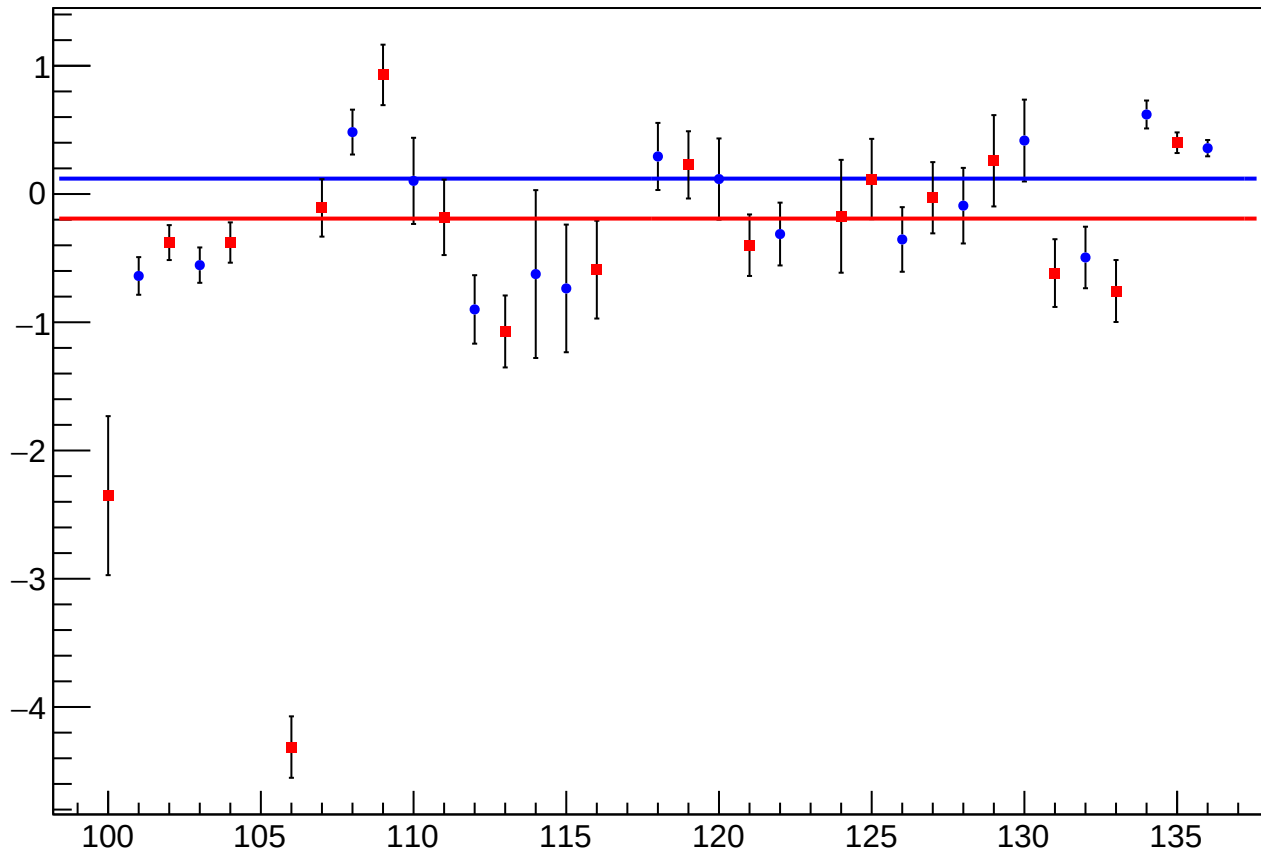
Right: -97.524+/-0.588 χ^2/NDF : 2565.6/33

In: -97.814+/-0.793 χ^2/NDF : 1330.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -97.524+/-0.588 χ^2/NDF : 2565.6/33

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.120 $\pm$ 0.041 χ^2 /NDF: 123.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.191 $\pm$ 0.048 χ^2 /NDF: 413.3/17

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

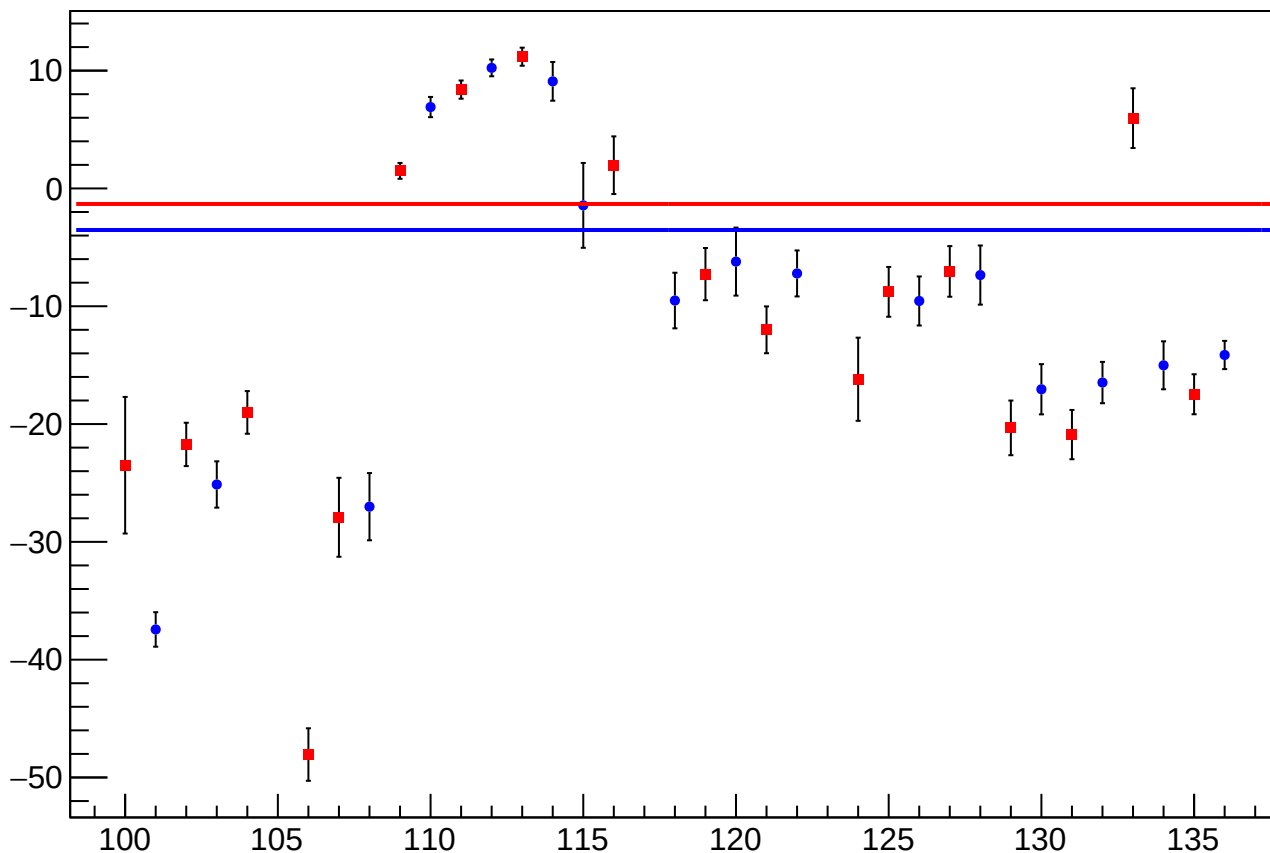
Right: -0.013 $\pm$ 0.031 χ^2 /NDF: 561.6/33

In: 0.120 $\pm$ 0.041 χ^2 /NDF:123.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.013 $\pm$ 0.031 χ^2 /NDF: 561.6/33

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: -1.318 ± 0.342 χ^2/NDF : 1506.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

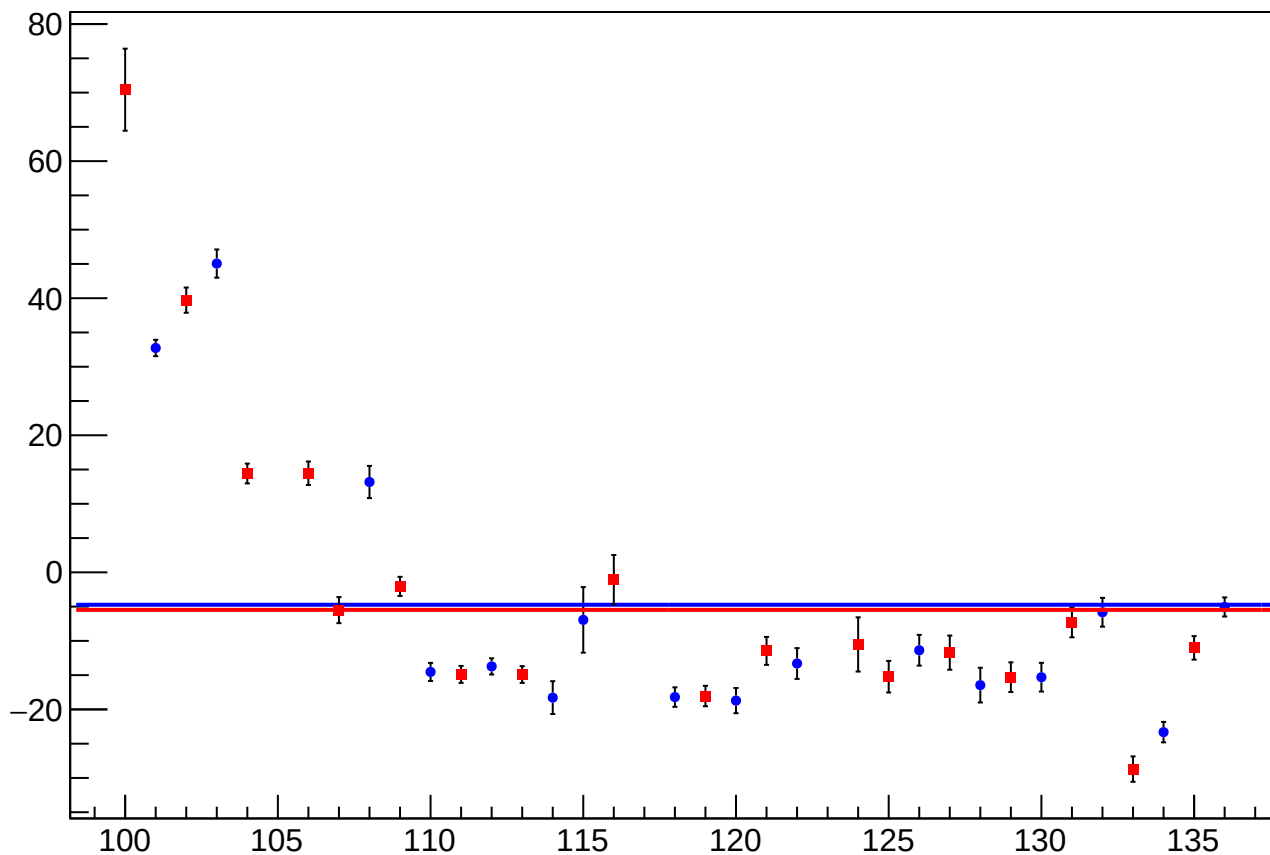
Right: -2.314 ± 0.253 χ^2/NDF : 3054.4/33

In: -3.527 ± 0.377 χ^2/NDF : 1529.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.314 ± 0.253 χ^2/NDF : 3054.4/33

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: -5.473 ± 0.426 χ^2/NDF : 1508.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

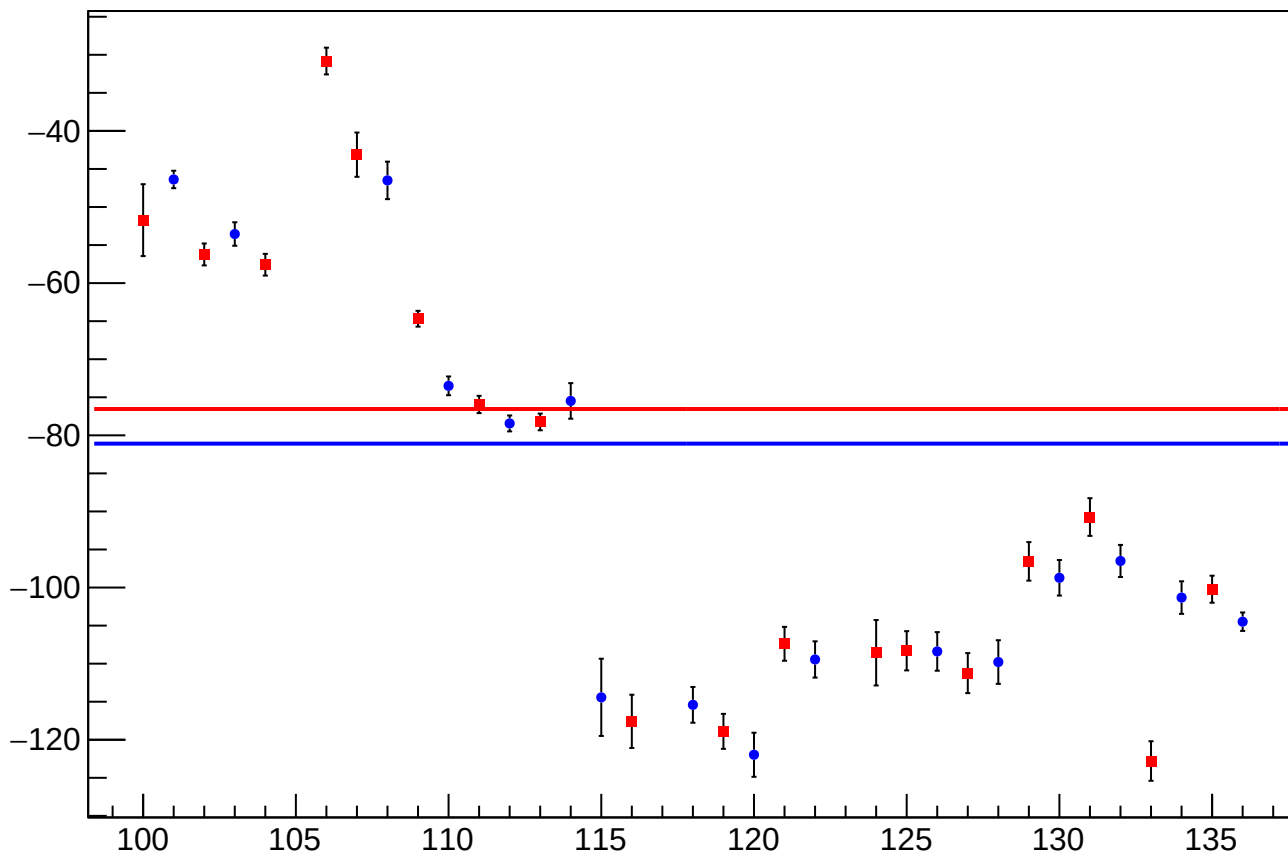
Right: -5.105 ± 0.303 χ^2/NDF : 3658.0/33

In: -4.729 ± 0.431 χ^2/NDF : 2148.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.105 ± 0.303 χ^2/NDF : 3658.0/33

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -81.091+/-0.438 χ^2/NDF : 2870.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -76.539+/-0.423 χ^2/NDF : 2986.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

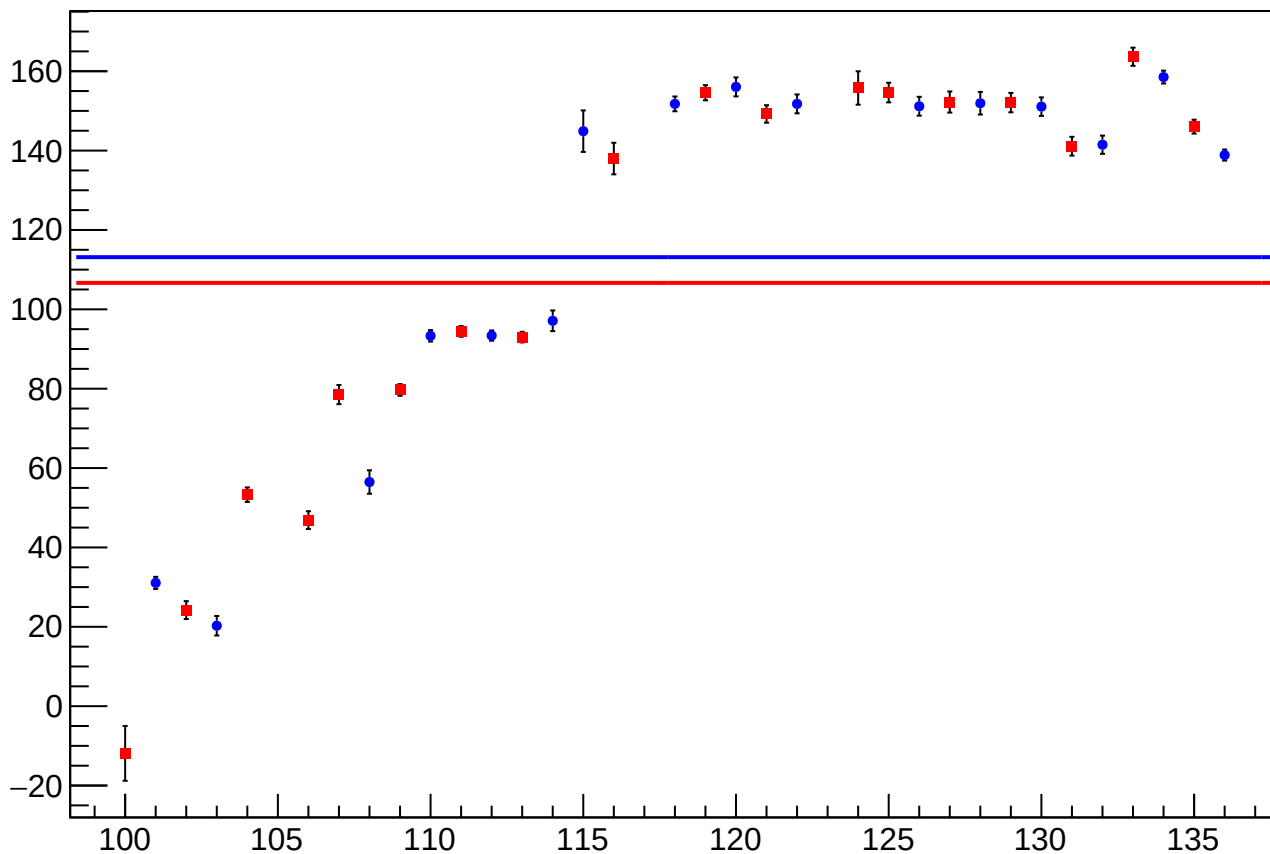
Right: -78.732+/-0.304 χ^2/NDF : 5912.4/33

In: -81.091+/-0.438 χ^2/NDF : 2870.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.732+/-0.304 χ^2/NDF : 5912.4/33

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: 106.664+/-0.486 χ^2/NDF : 7424.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

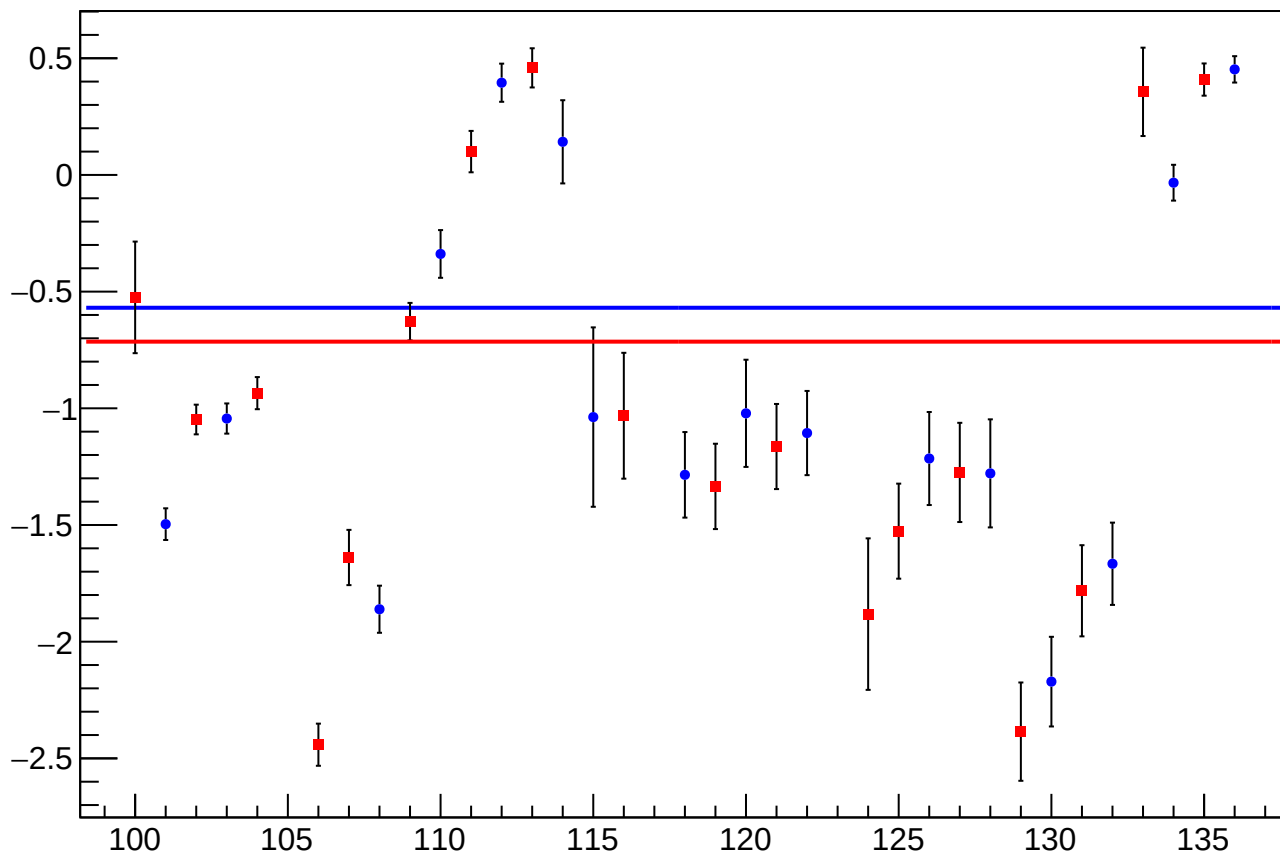
Right: 109.881+/-0.345 χ^2/NDF : 15716.9/33

In: 113.143+/-0.489 χ^2/NDF : 8204.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 109.881+/-0.345 χ^2/NDF : 15716.9/33

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: -0.714 ± 0.026 χ^2/NDF : 1190.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

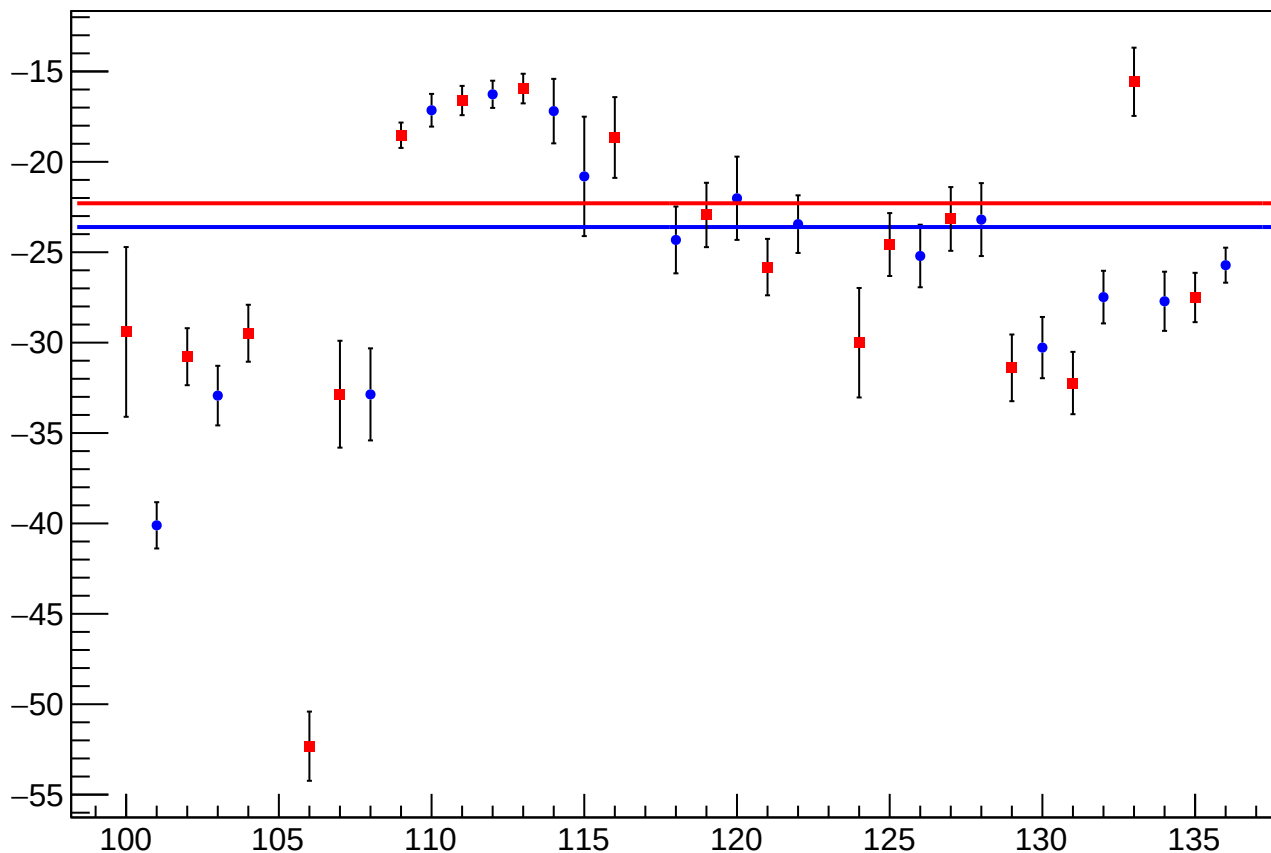
Right: -0.642 ± 0.018 χ^2/NDF : 2303.5/33

In: -0.569 ± 0.026 χ^2/NDF : 1097.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.642 ± 0.018 χ^2/NDF : 2303.5/33

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: -22.292 ± 0.326 $\chi^2/\text{NDF}: 550.3/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

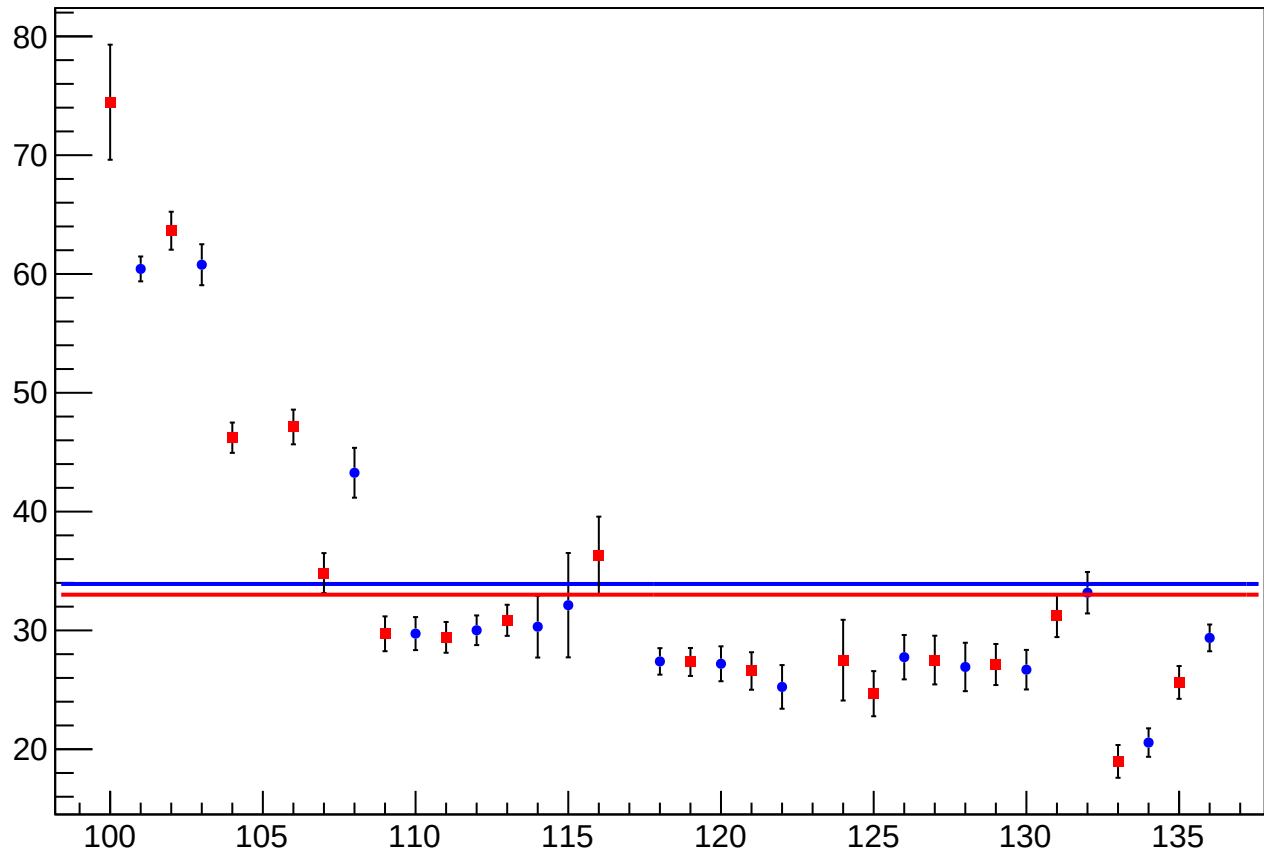
Right: -22.905 ± 0.238 $\chi^2/\text{NDF}: 964.3/33$

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: -22.905 ± 0.238 $\chi^2/\text{NDF}: 964.3/33$

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: 33.007+/-0.377 χ^2/NDF : 872.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

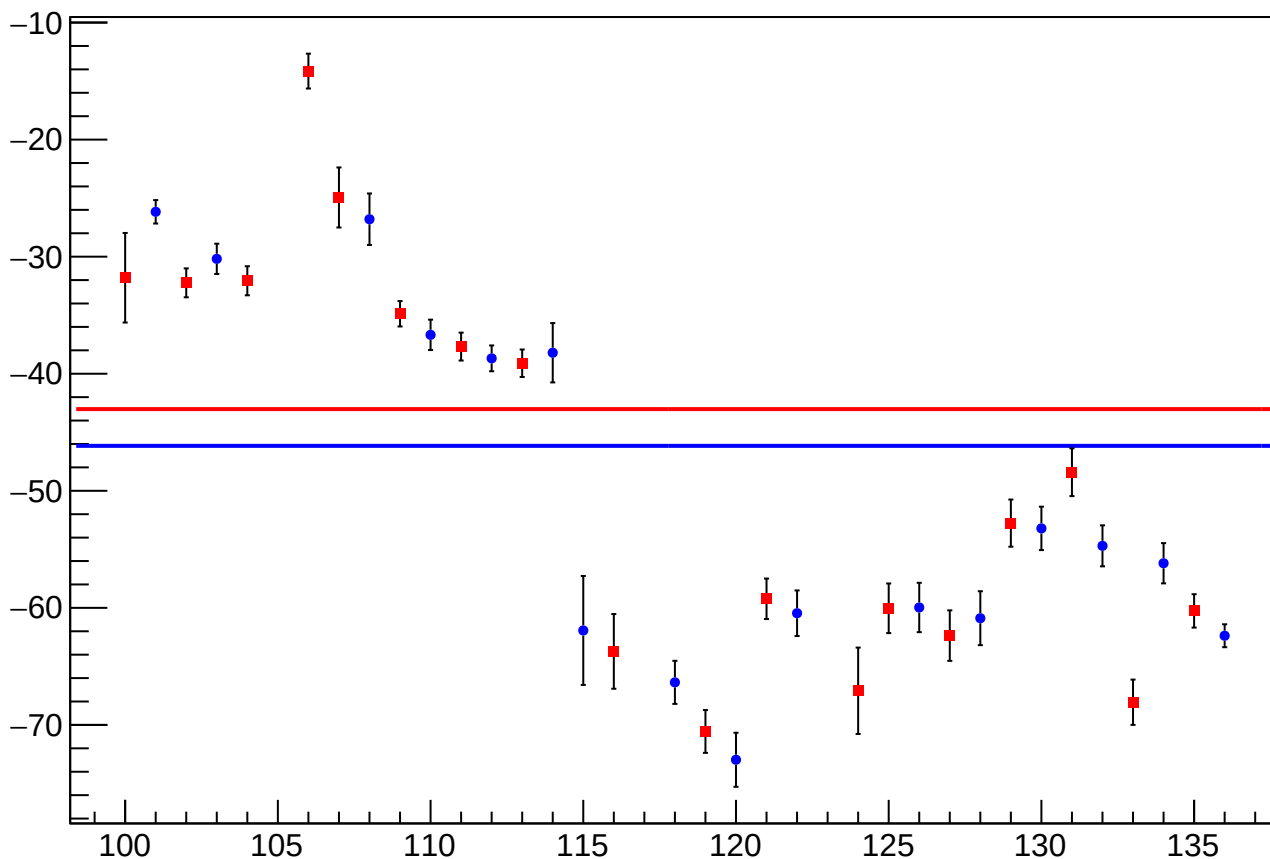
Right: 33.461+/-0.266 χ^2/NDF : 2059.6/33

In: 33.909+/-0.375 χ^2/NDF : 1184.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.461+/-0.266 χ^2/NDF : 2059.6/33

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -46.160 $\pm$ 0.390 χ^2 /NDF: 1489.6/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -43.022 $\pm$ 0.385 χ^2 /NDF: 1565.1/17

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

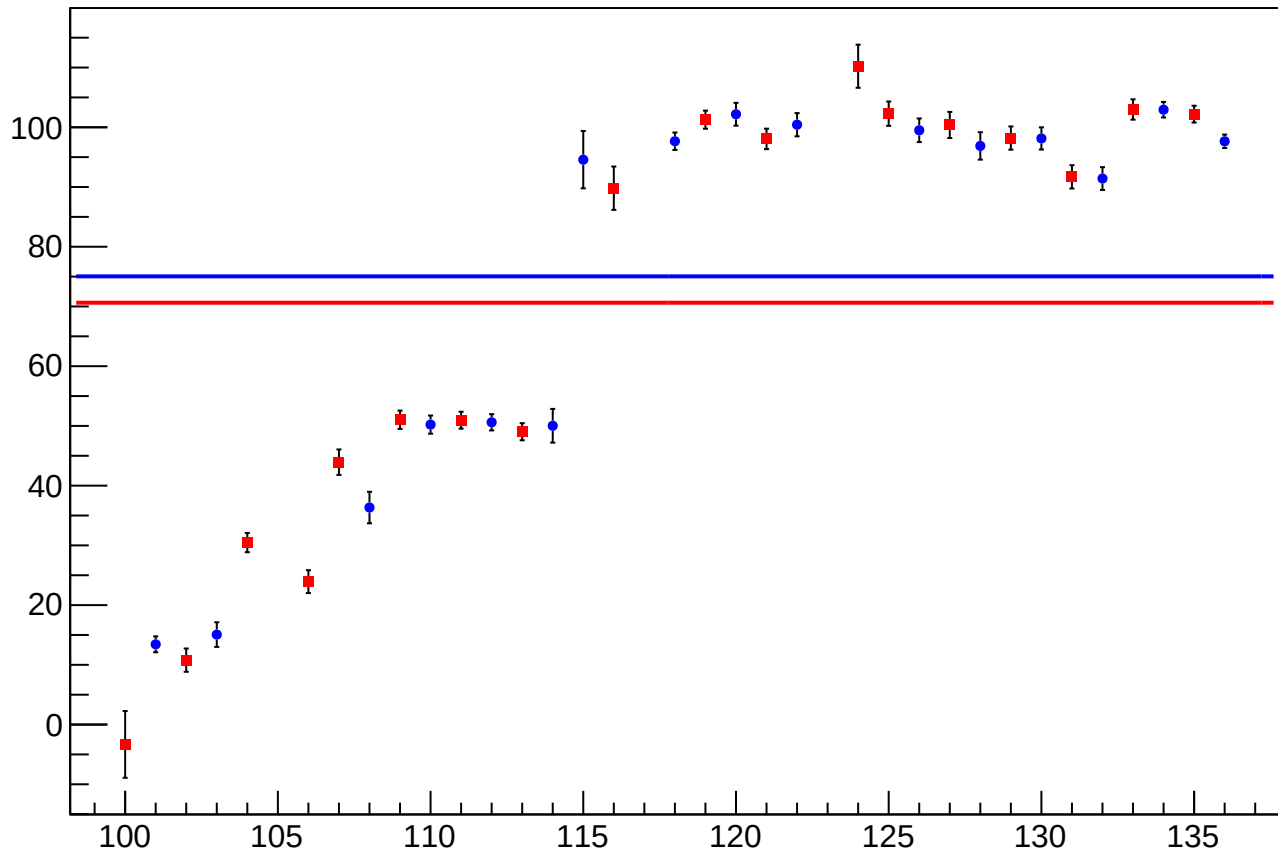
Right: -44.572 $\pm$ 0.274 χ^2 /NDF: 3087.6/33

In: -46.160 $\pm$ 0.390 χ^2 /NDF:1489.6/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -44.572 $\pm$ 0.274 χ^2 /NDF: 3087.6/33

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: 70.631+/-0.432 χ^2/NDF : 5506.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

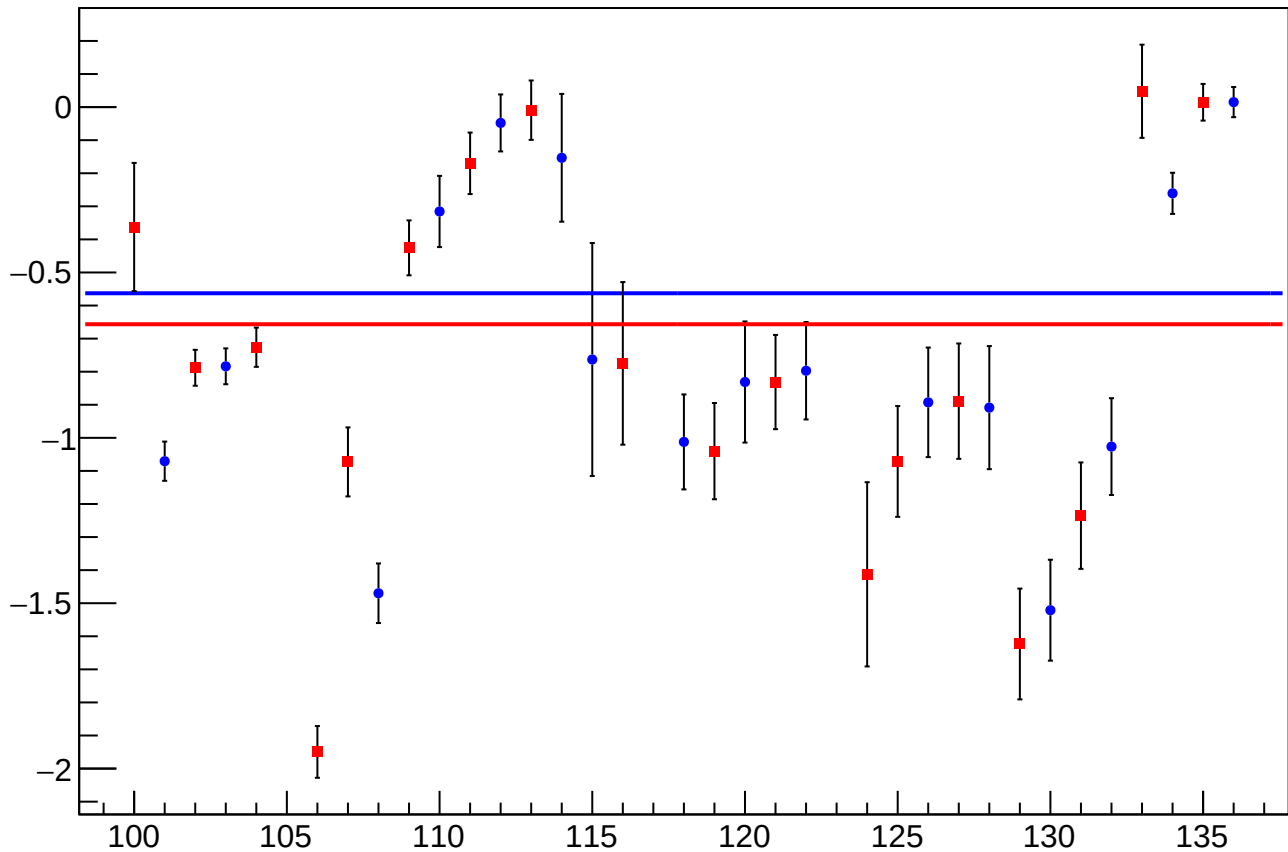
Right: 72.862+/-0.304 χ^2/NDF : 11386.9/33

In: 75.042+/-0.427 χ^2/NDF : 5828.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.862+/-0.304 χ^2/NDF : 11386.9/33

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.563 ± 0.022 χ^2/NDF : 493.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.656 ± 0.023 χ^2/NDF : 627.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

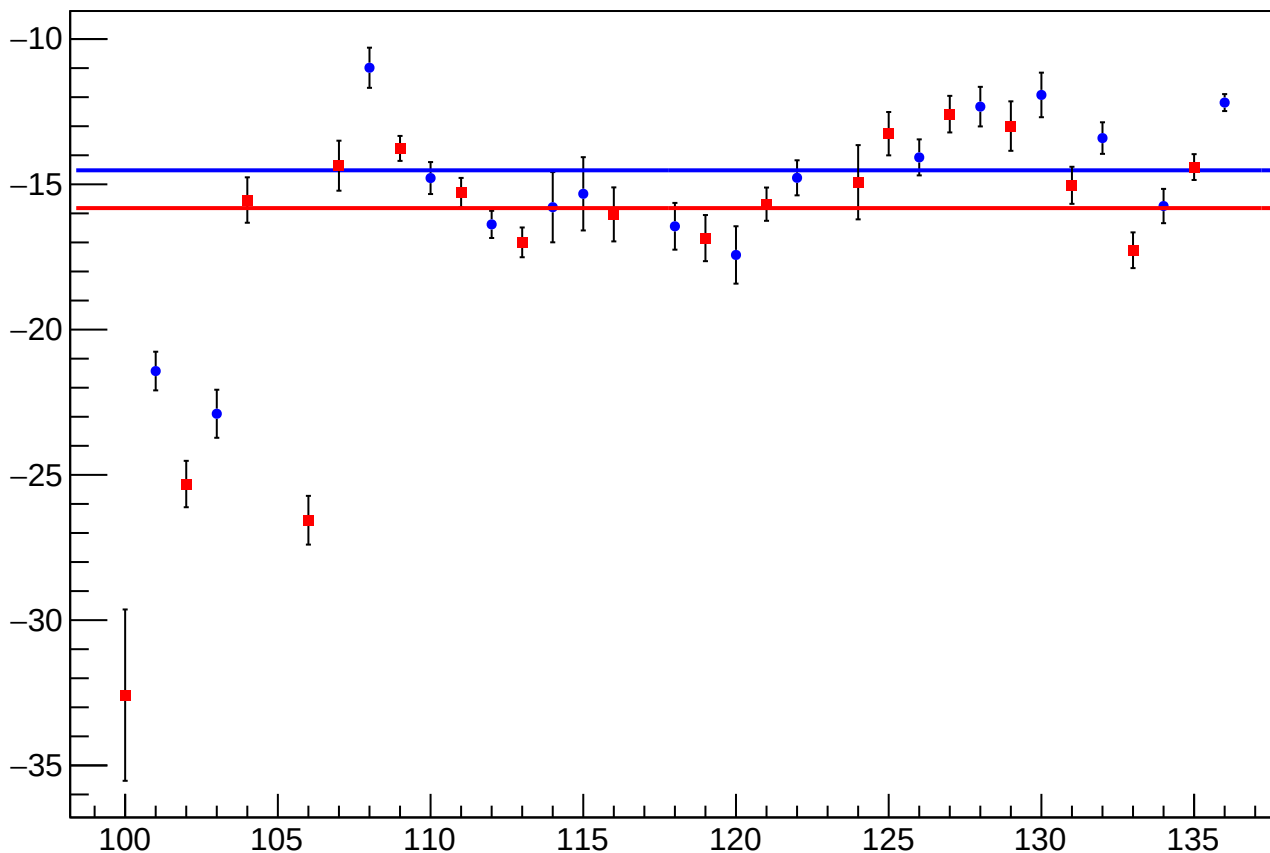
Right: -0.609 ± 0.016 χ^2/NDF : 1129.2/33

In: -0.563 ± 0.022 χ^2/NDF : 493.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.609 ± 0.016 χ^2/NDF : 1129.2/33

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: -15.818 ± 0.155 χ^2/NDF : 438.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

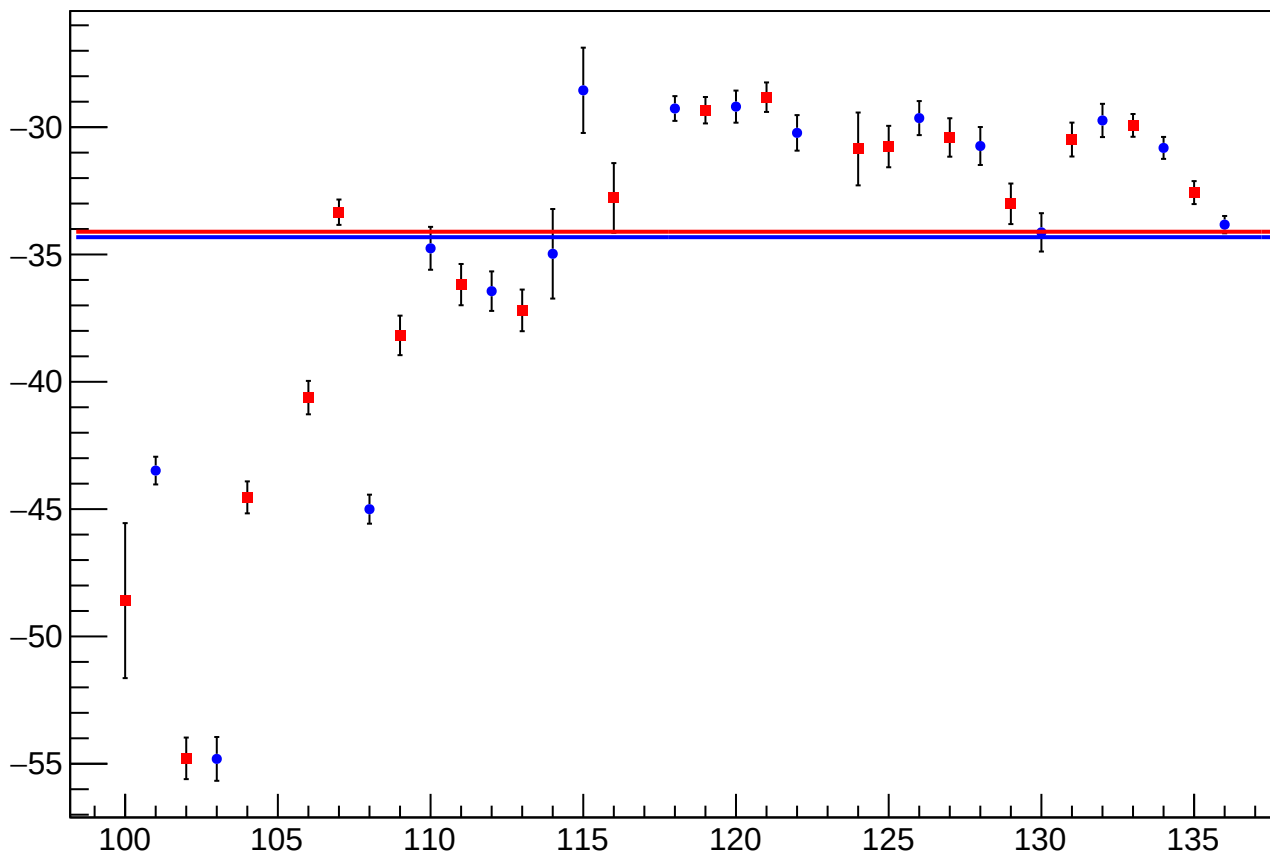
Right: -15.143 ± 0.108 χ^2/NDF : 838.5/33

In: -14.518 ± 0.149 χ^2/NDF : 363.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.143 ± 0.108 χ^2/NDF : 838.5/33

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: -34.106 ± 0.158 $\chi^2/\text{NDF}: 1434.8/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

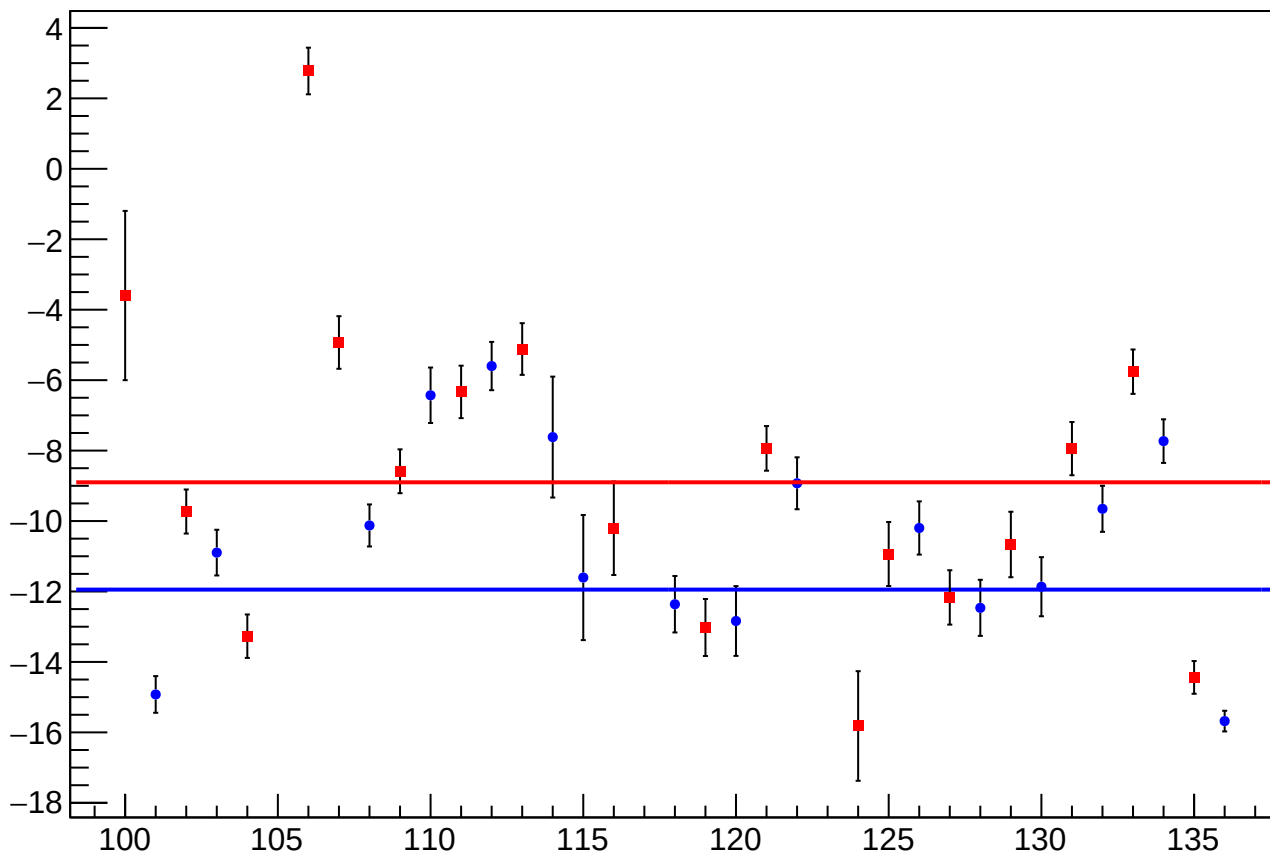
Right: -34.217 ± 0.110 $\chi^2/\text{NDF}: 3056.3/33$

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: -34.217 ± 0.110 $\chi^2/\text{NDF}: 3056.3/33$

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -11.946 $\pm$ 0.160 χ^2 /NDF: 430.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.900 $\pm$ 0.172 χ^2 /NDF: 679.0/17

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

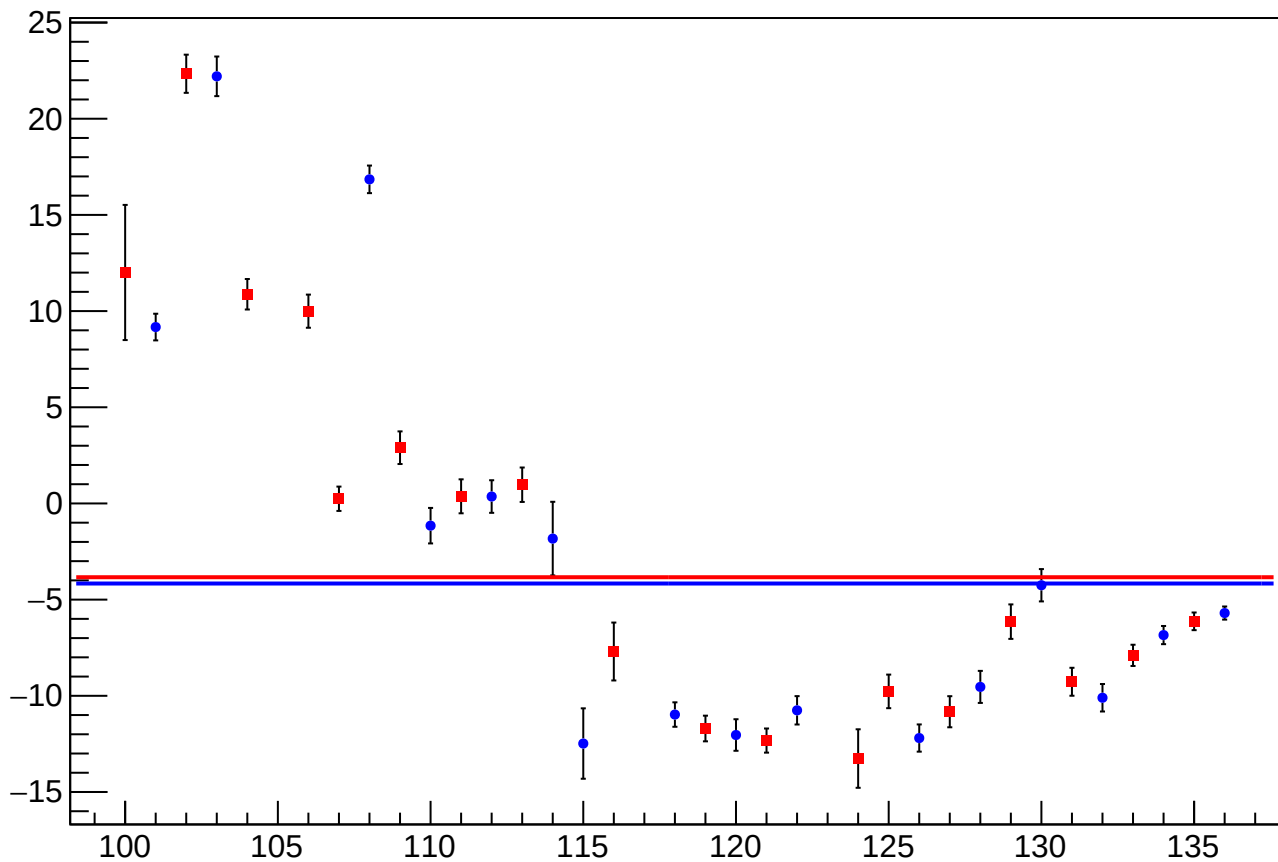
Right: -10.536 $\pm$ 0.117 χ^2 /NDF: 1276.5/33

In: -11.946 $\pm$ 0.160 χ^2 /NDF:430.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -10.536 $\pm$ 0.117 χ^2 /NDF: 1276.5/33

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: -3.836+/-0.182 χ^2/NDF : 2104.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

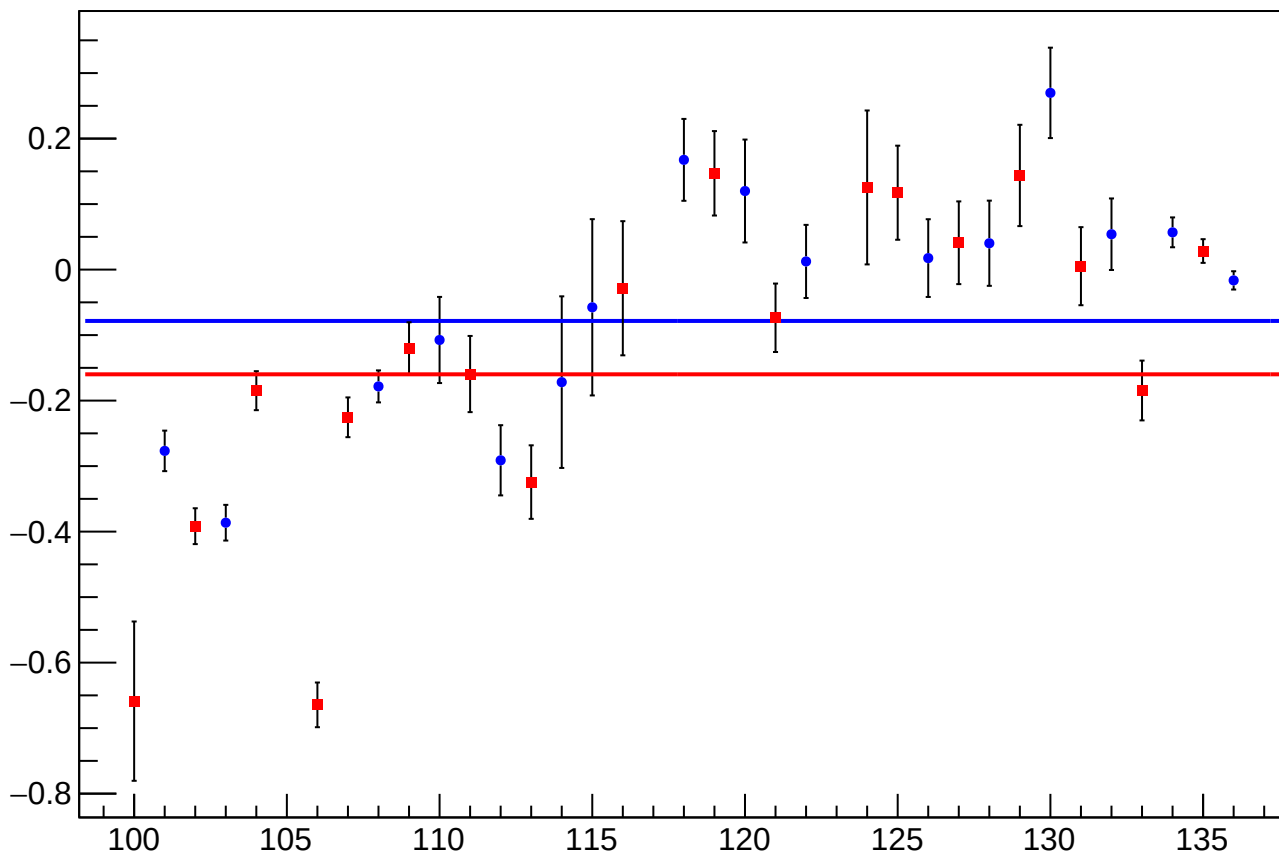
Right: -4.009+/-0.125 χ^2/NDF : 4631.3/33

In: -4.163+/-0.172 χ^2/NDF : 2525.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.009+/-0.125 χ^2/NDF : 4631.3/33

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: -0.160 ± 0.010 χ^2/NDF : 511.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

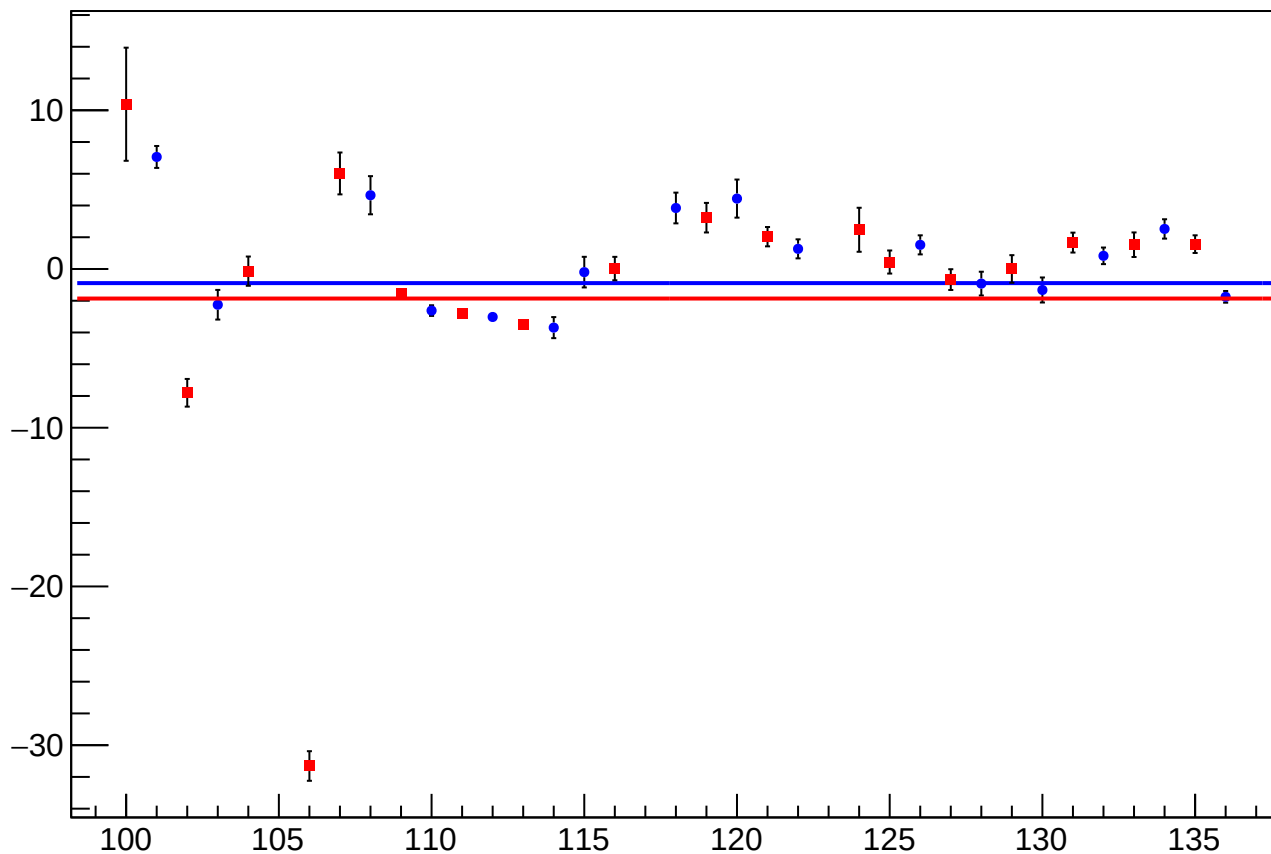
Right: -0.115 ± 0.006 χ^2/NDF : 870.9/33

In: -0.078 ± 0.009 χ^2/NDF : 318.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.115 ± 0.006 χ^2/NDF : 870.9/33

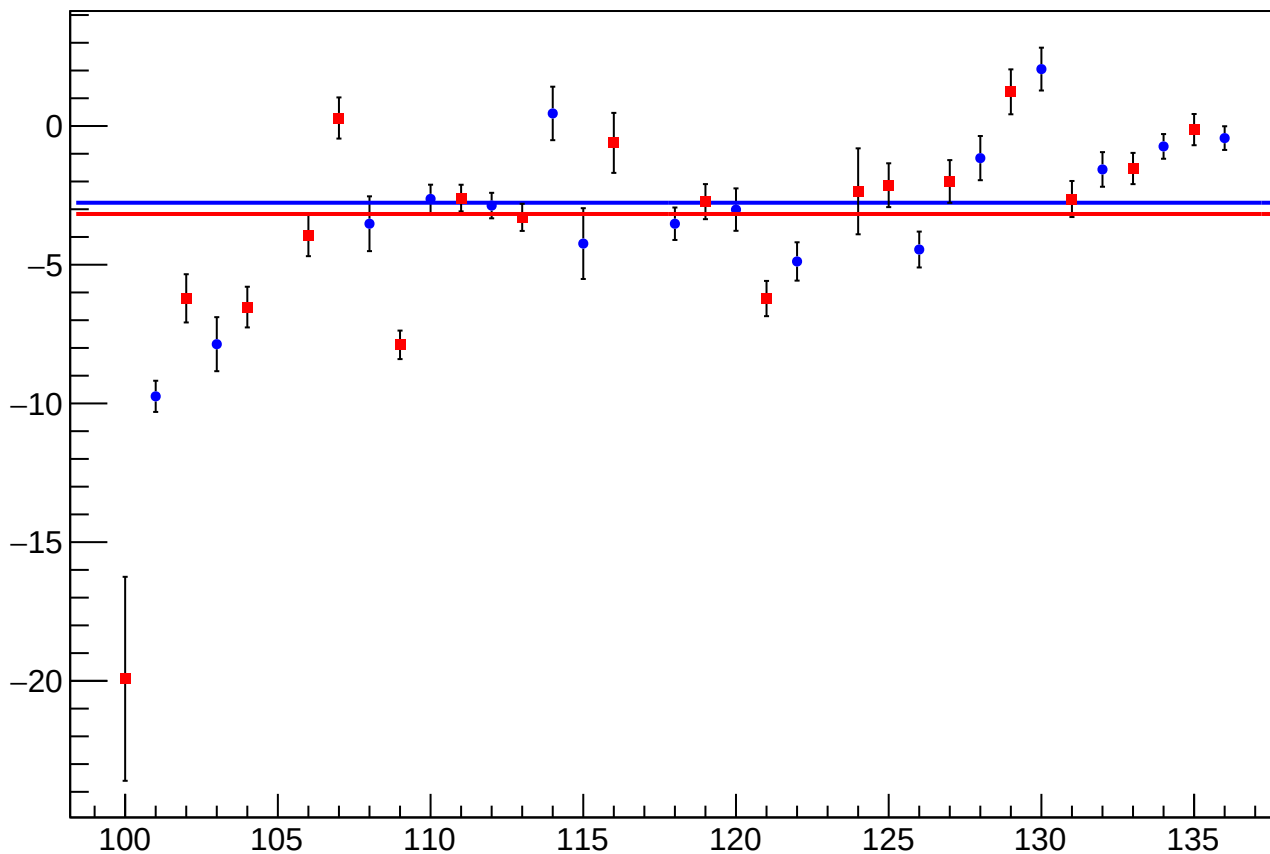
reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -1.862+/-0.130 χ^2/NDF : 1328.5/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.398+/-0.094 χ^2/NDF : 1735.3/33
 In: -0.889+/-0.137 χ^2/NDF : 380.3/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.398+/-0.094 χ^2/NDF : 1735.3/33

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: -3.171±/0.160 χ^2/NDF : 264.0/17

Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

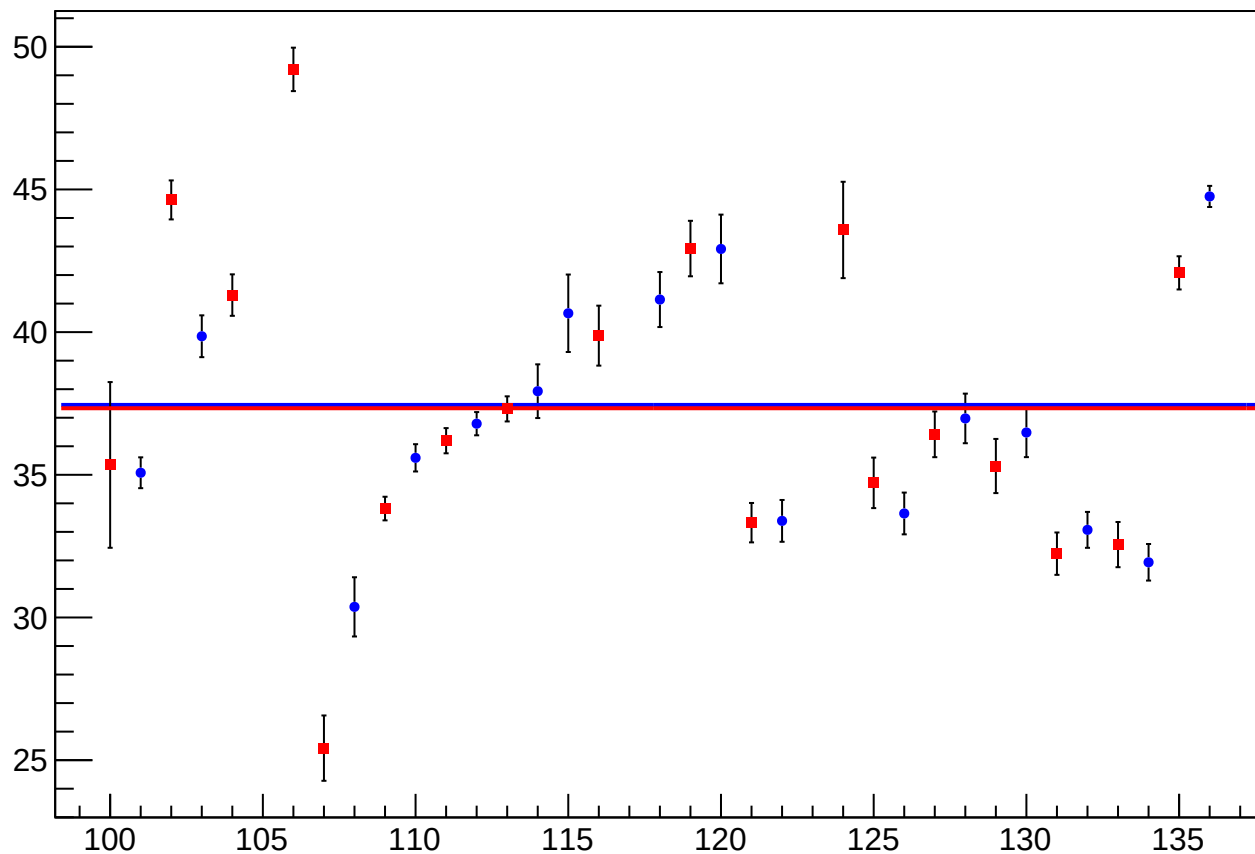
Right: -2.963±/0.112 χ^2/NDF : 577.3/33

In: -2.766±/0.156 χ^2/NDF : 310.1/15

Out: 0.000±/0.000 χ^2/NDF : 0.0/0

All: -2.963±/0.112 χ^2/NDF : 577.3/33

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: 37.332+/-0.163 χ^2/NDF : 825.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

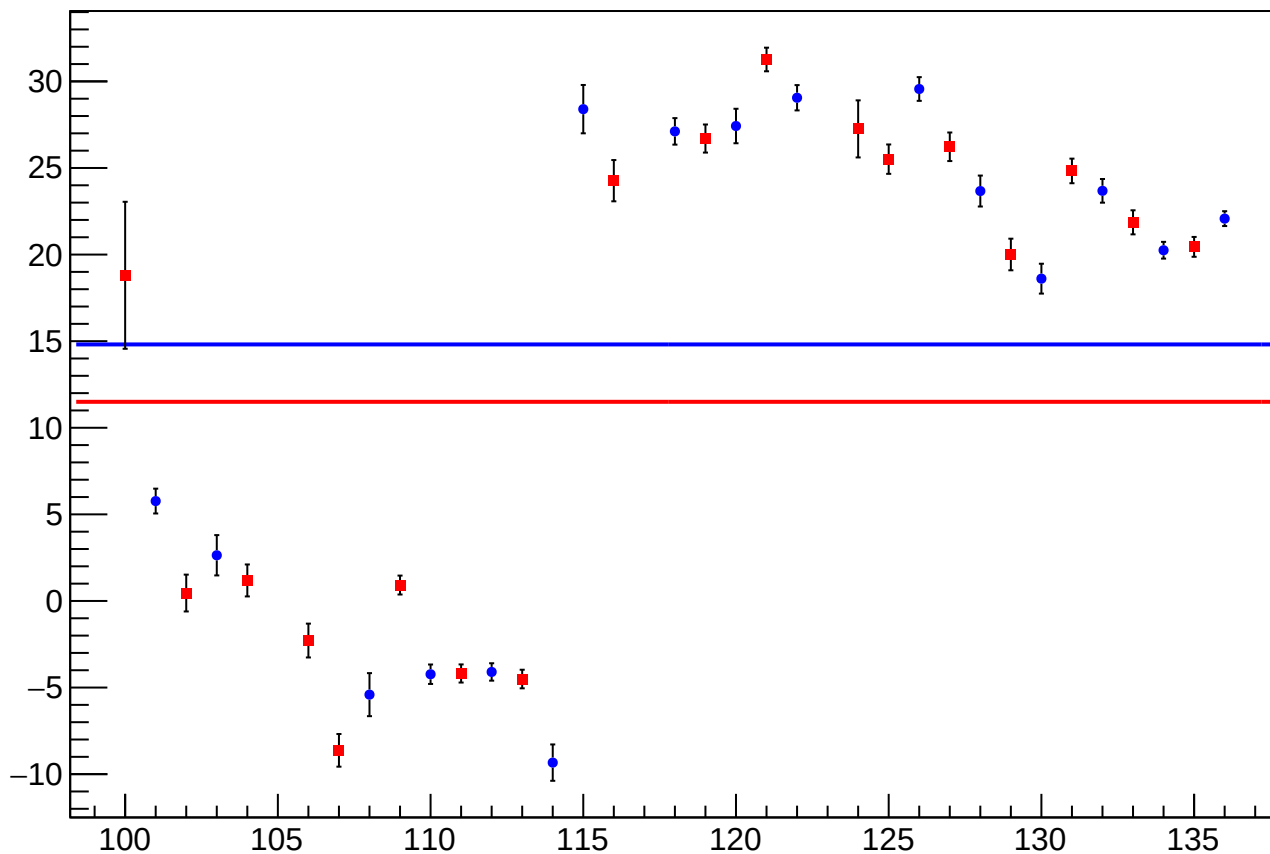
Right: 37.391+/-0.115 χ^2/NDF : 1532.9/33

In: 37.449+/-0.161 χ^2/NDF : 706.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.391+/-0.115 χ^2/NDF : 1532.9/33

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 14.812+/-0.174 χ^2/NDF : 5686.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.499+/-0.181 χ^2/NDF : 5949.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

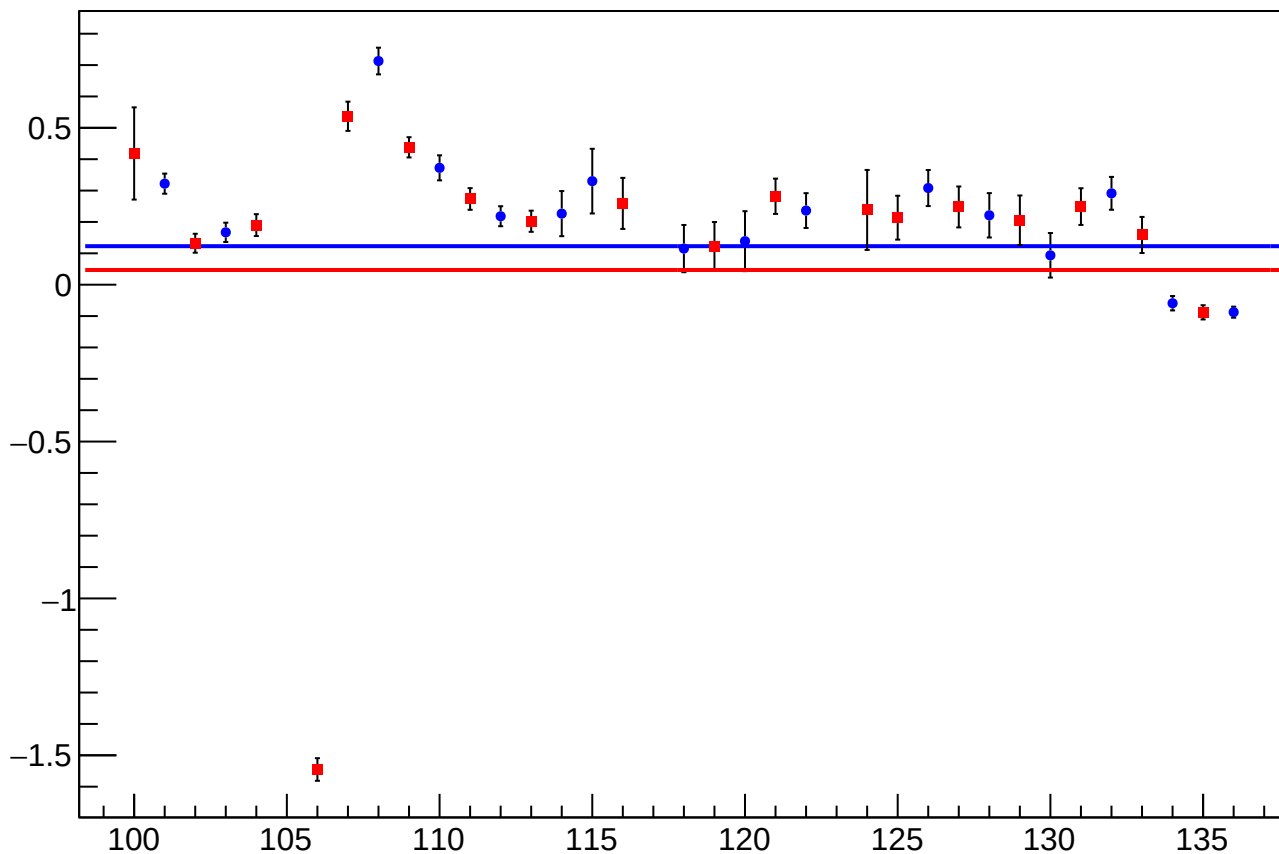
Right: 13.218+/-0.125 χ^2/NDF : 11810.6/33

In: 14.812+/-0.174 χ^2/NDF : 5686.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.218+/-0.125 χ^2/NDF : 11810.6/33

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: 0.047+/-0.010 χ^2/NDF : 2399.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

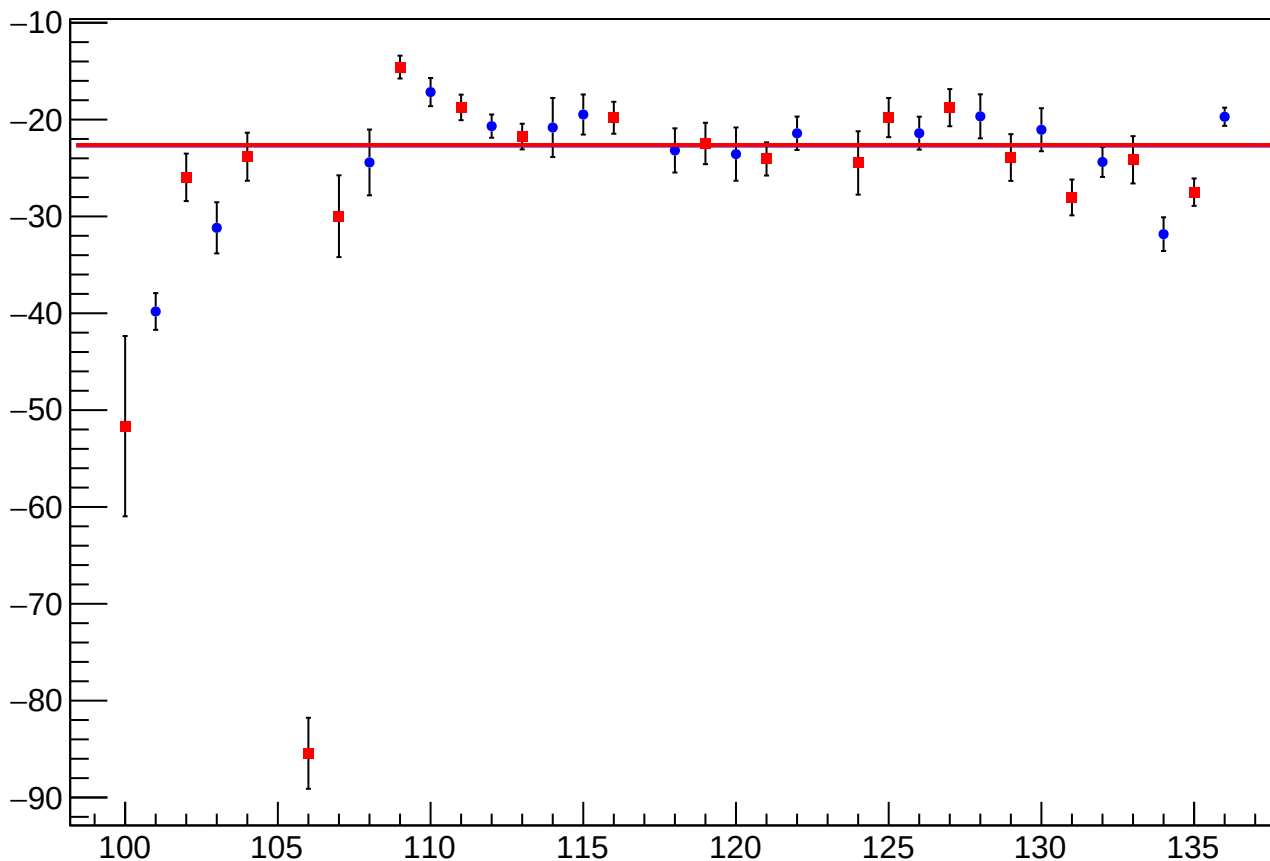
Right: 0.088+/-0.007 χ^2/NDF : 2949.1/33

In: 0.123+/-0.009 χ^2/NDF : 520.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.007 χ^2/NDF : 2949.1/33

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -22.675 ± 0.435 χ^2/NDF : 154.4/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.624 ± 0.447 χ^2/NDF : 395.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

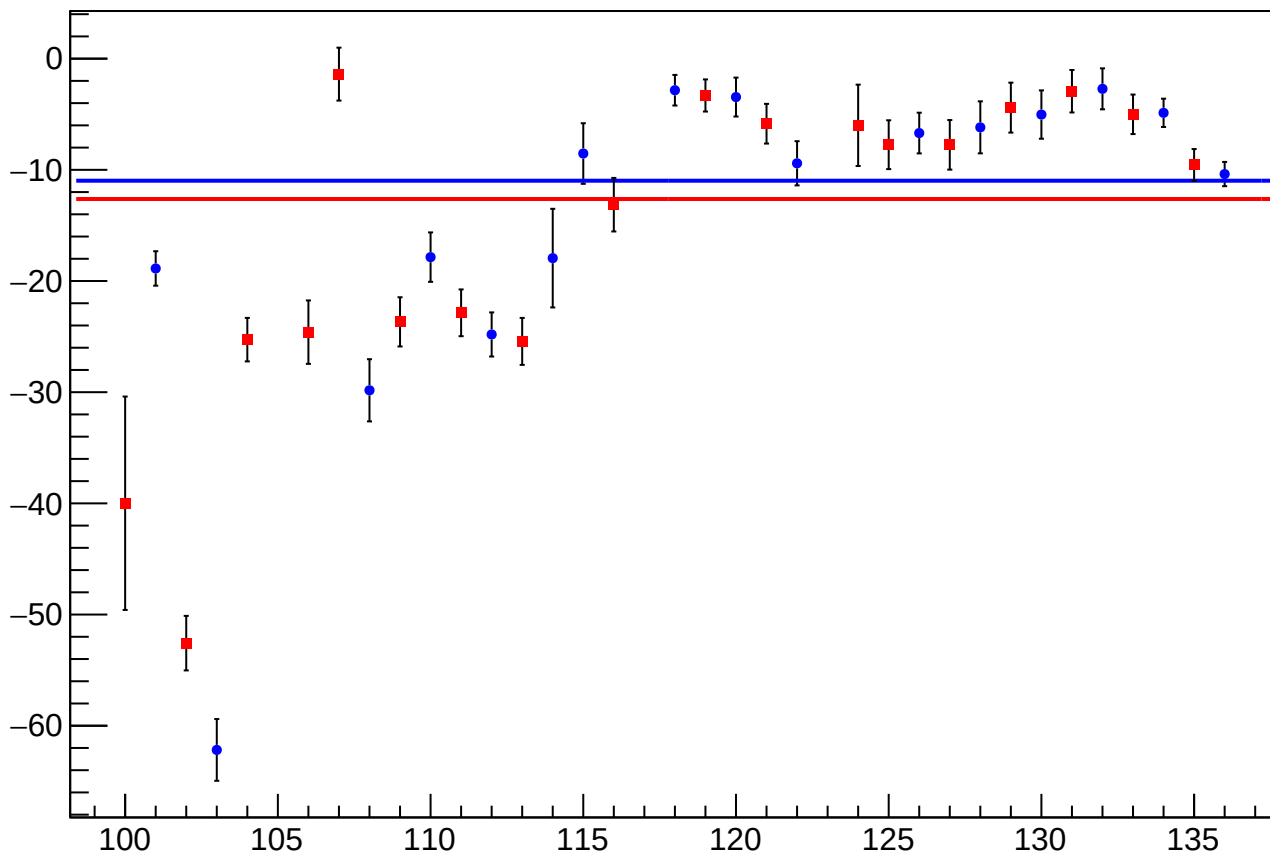
Right: -22.650 ± 0.312 χ^2/NDF : 549.6/33

In: -22.675 ± 0.435 χ^2/NDF : 154.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.650 ± 0.312 χ^2/NDF : 549.6/33

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: -12.623 ± 0.493 χ^2/NDF : 571.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

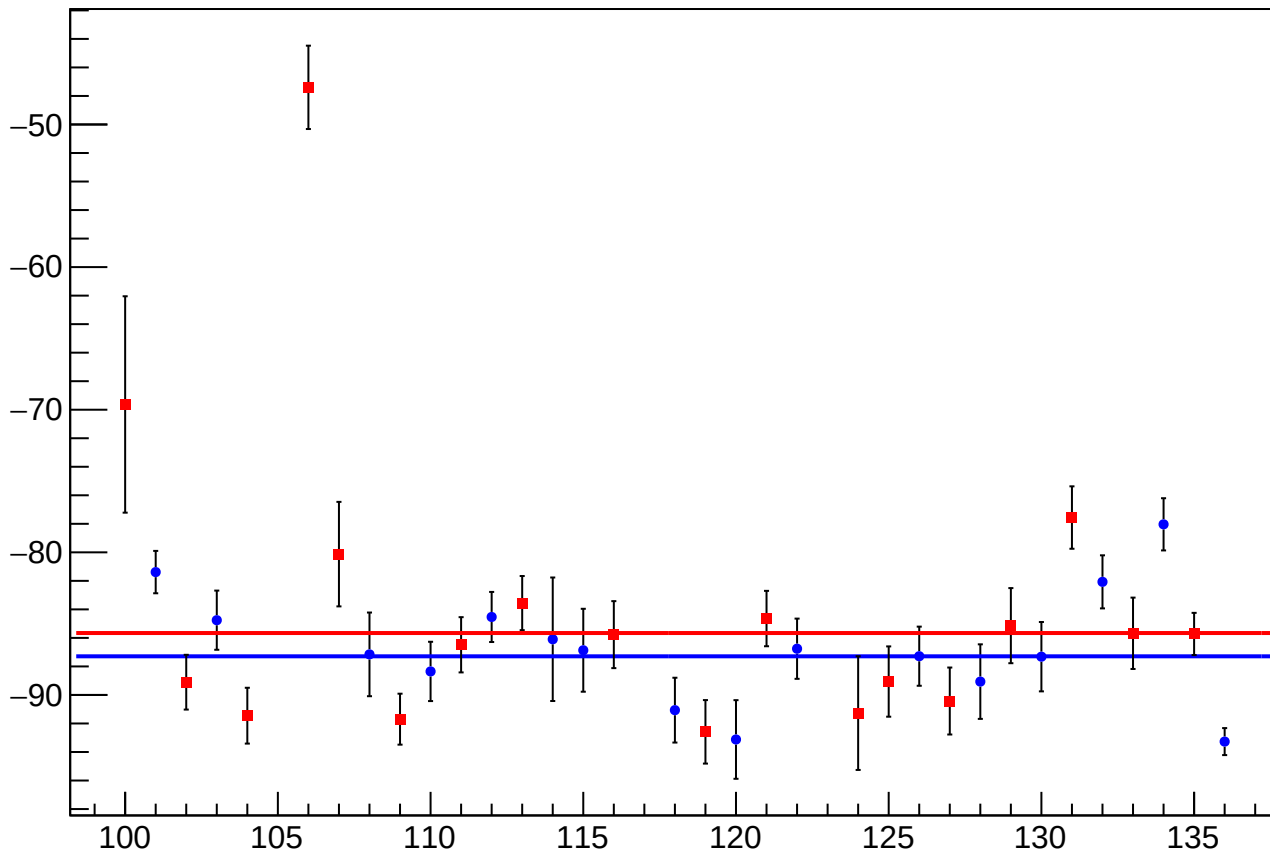
Right: -11.732 ± 0.334 χ^2/NDF : 1164.9/33

In: -10.978 ± 0.453 χ^2/NDF : 587.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.732 ± 0.334 χ^2/NDF : 1164.9/33

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -87.291 ± 0.481 χ^2/NDF : 101.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -85.658 ± 0.525 χ^2/NDF : 234.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

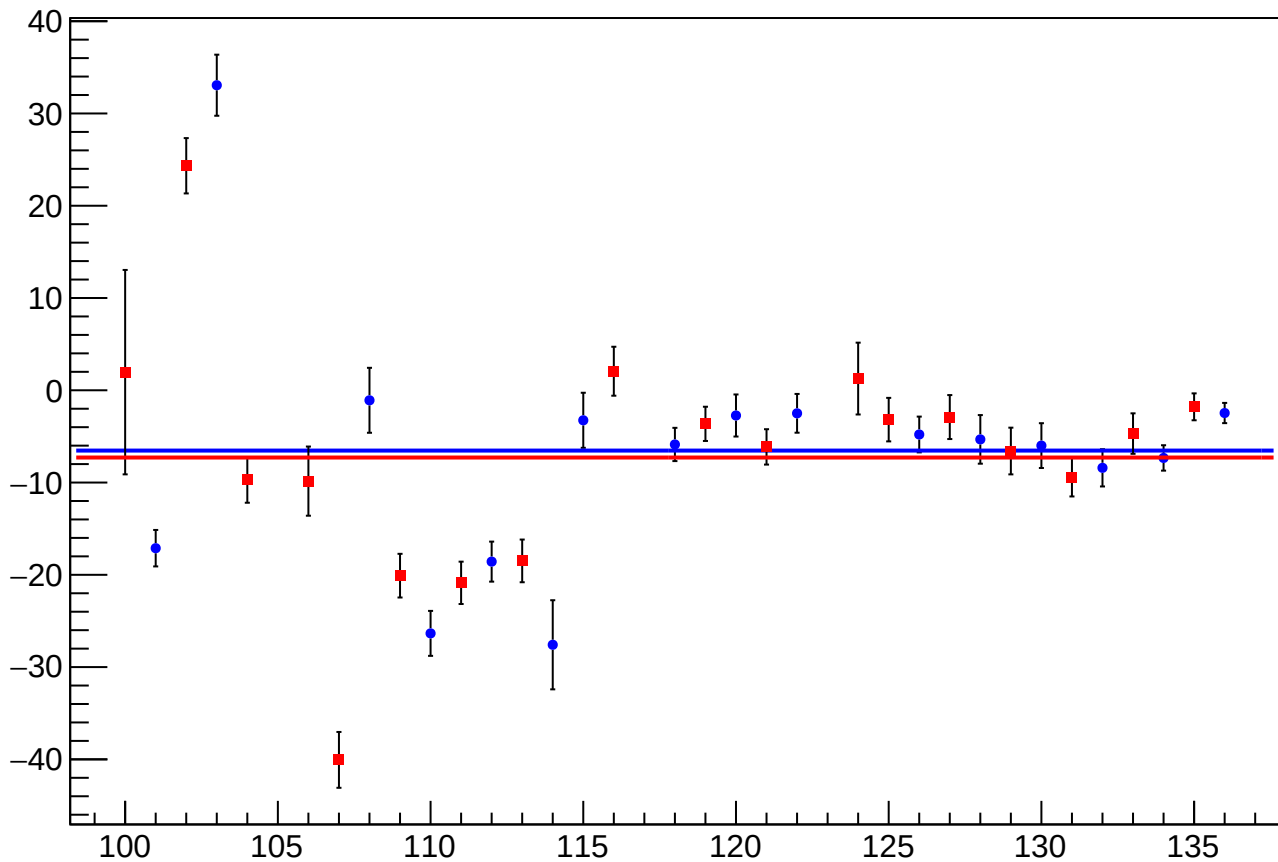
Right: -86.547 ± 0.355 χ^2/NDF : 341.2/33

In: -87.291 ± 0.481 χ^2/NDF : 101.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -86.547 ± 0.355 χ^2/NDF : 341.2/33

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -6.535 $\pm$ 0.508 χ^2 /NDF: 313.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -7.288 $\pm$ 0.558 χ^2 /NDF: 363.1/17

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

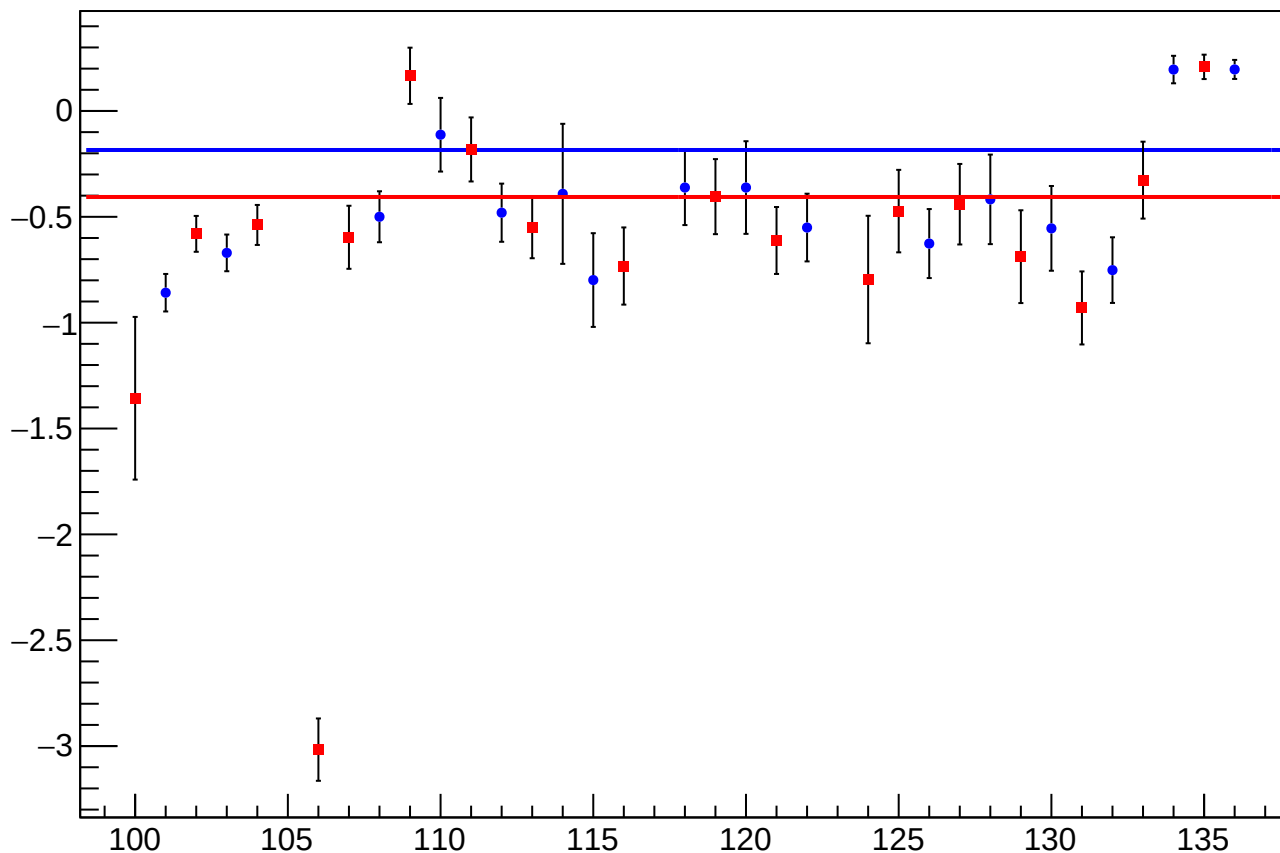
Right: -6.876 $\pm$ 0.376 χ^2 /NDF: 678.0/33

In: -6.535 $\pm$ 0.508 χ^2 /NDF:313.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -6.876 $\pm$ 0.376 χ^2 /NDF: 678.0/33

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: -0.406 ± 0.031 χ^2/NDF : 481.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

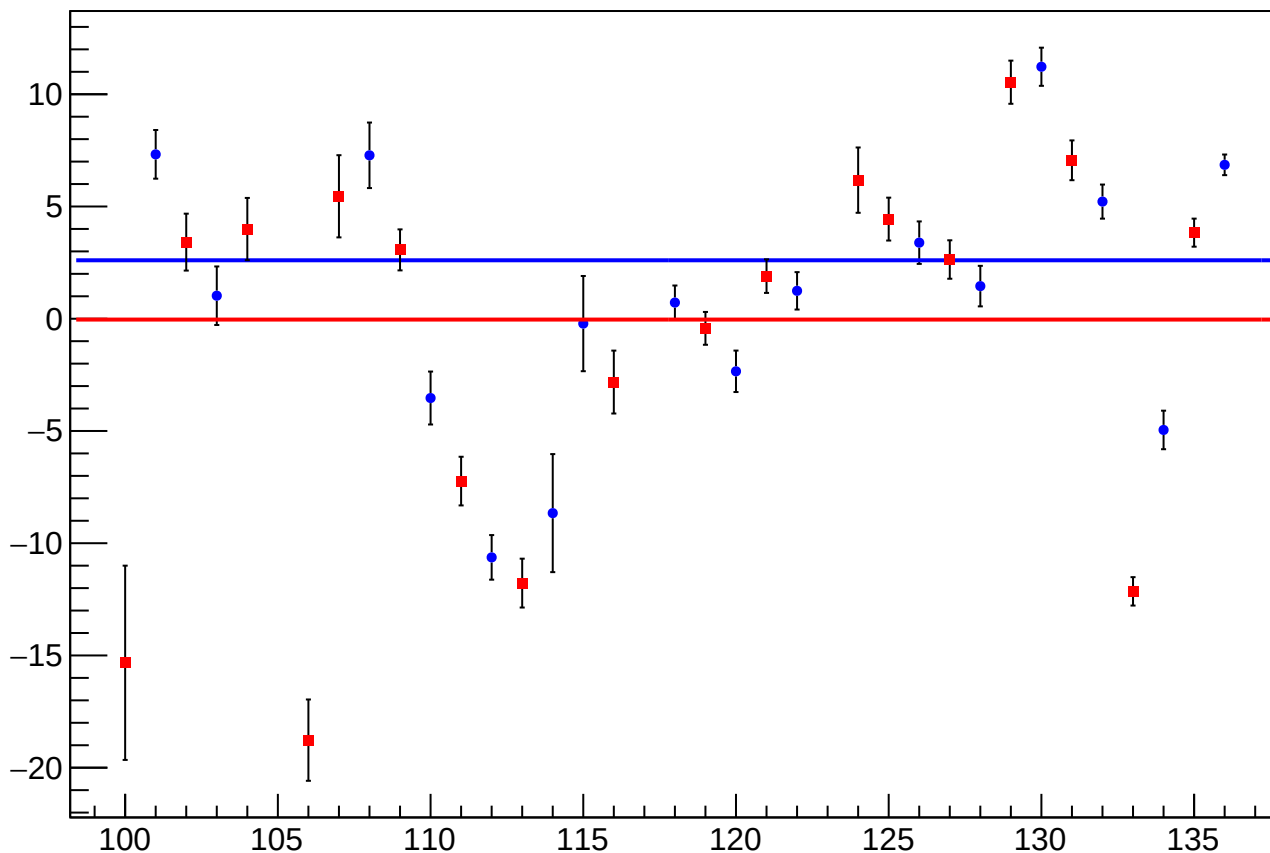
Right: -0.280 ± 0.020 χ^2/NDF : 758.4/33

In: -0.184 ± 0.027 χ^2/NDF : 247.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.280 ± 0.020 χ^2/NDF : 758.4/33

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: -0.037 $\pm$ 0.228 χ^2 /NDF: 966.8/17

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

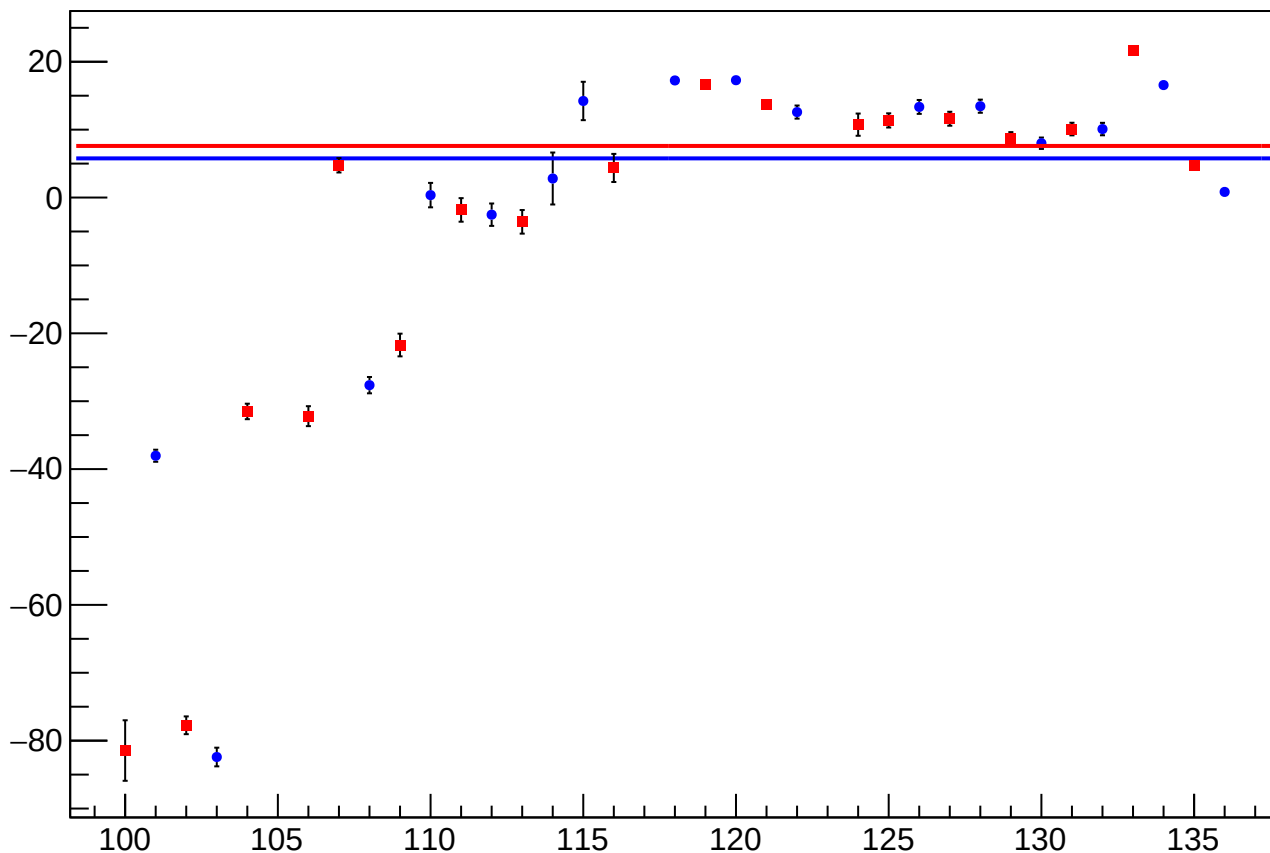
Right: 1.307 $\pm$ 0.160 χ^2 /NDF: 1608.1/33

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: 1.307 $\pm$ 0.160 χ^2 /NDF: 1608.1/33

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.768+/-0.210 χ^2/NDF : 8933.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.600+/-0.212 χ^2/NDF : 8361.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

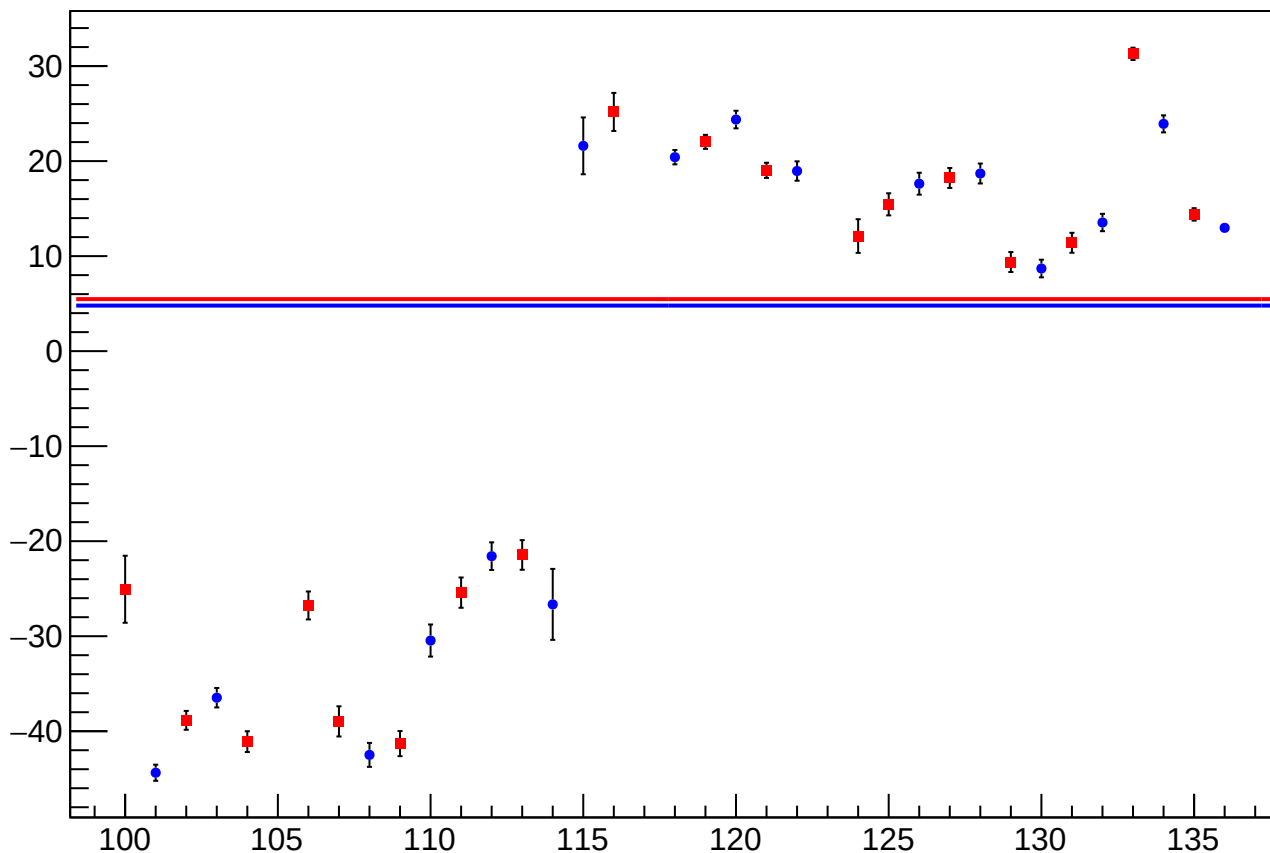
Right: 6.673+/-0.149 χ^2/NDF : 17333.5/33

In: 5.768+/-0.210 χ^2/NDF : 8933.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.673+/-0.149 χ^2/NDF : 17333.5/33

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: 5.476+/-0.248 χ^2/NDF : 10006.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

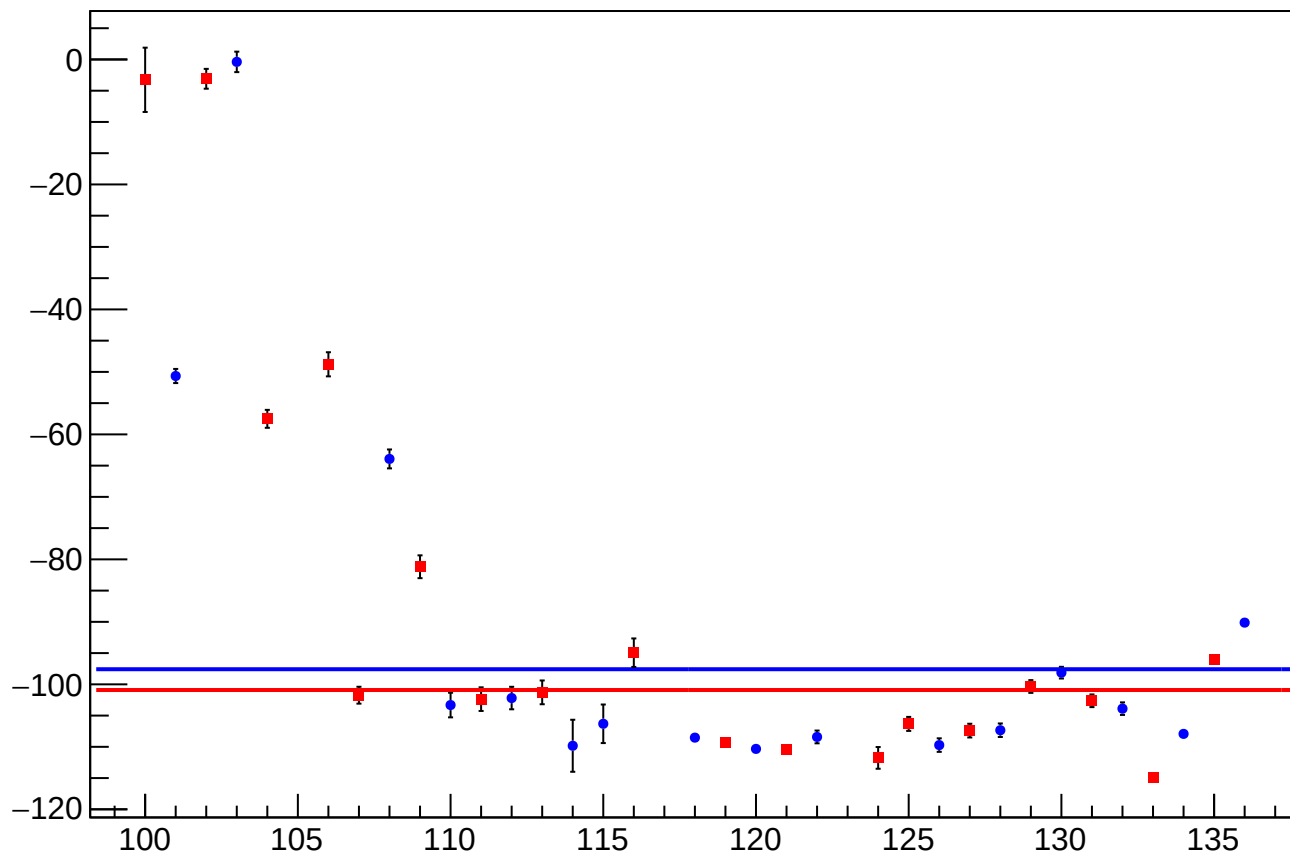
Right: 5.121+/-0.171 χ^2/NDF : 19507.0/33

In: 4.794+/-0.237 χ^2/NDF :9496.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 5.121+/-0.171 χ^2/NDF : 19507.0/33

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -97.581 $\pm$ 0.242 χ^2 /NDF: 7144.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -100.908 $\pm$ 0.246 χ^2 /NDF: 7024.0/17

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

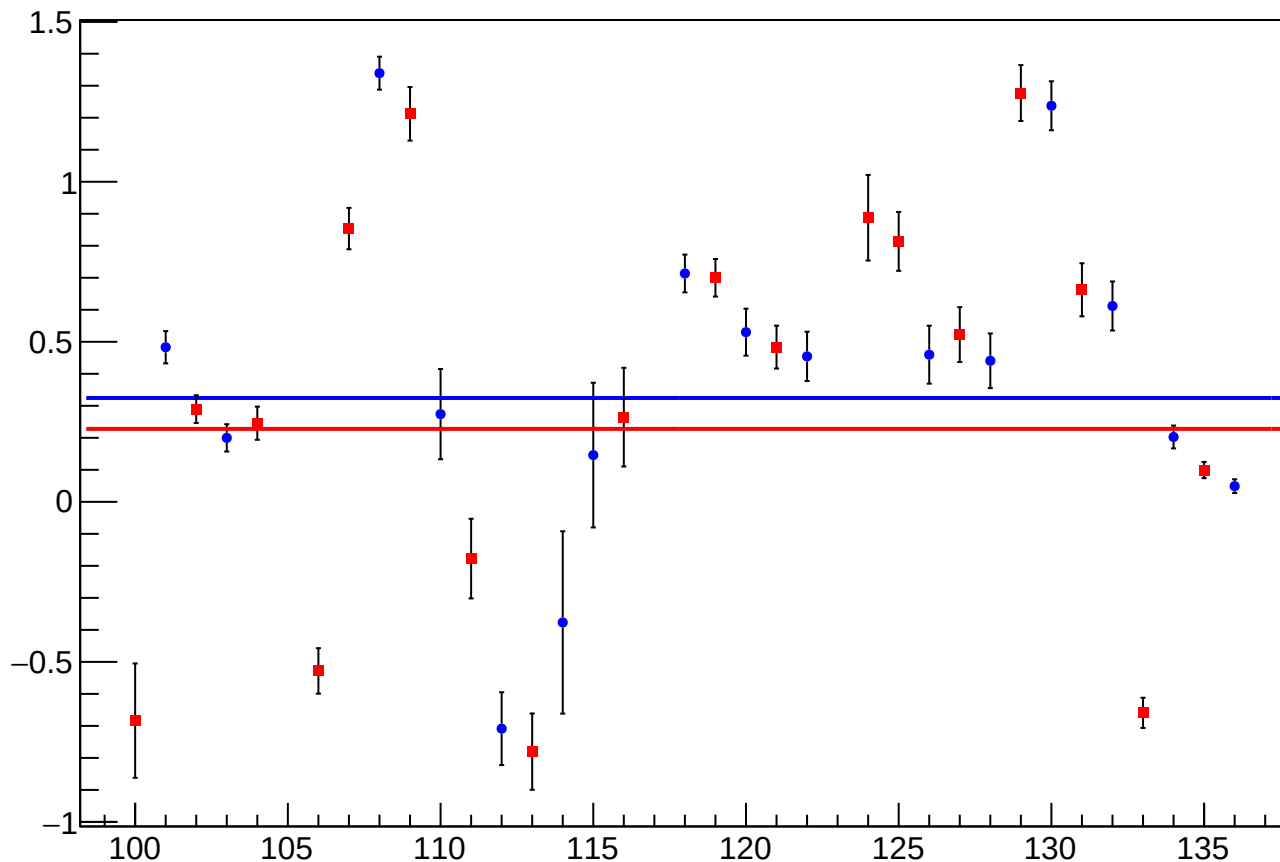
Right: -99.213 $\pm$ 0.173 χ^2 /NDF: 14261.2/33

In: -97.581 $\pm$ 0.242 χ^2 /NDF:7144.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -99.213 $\pm$ 0.173 χ^2 /NDF: 14261.2/33

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: 0.228 $\pm$ 0.014 χ^2 /NDF: 1161.8/17

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

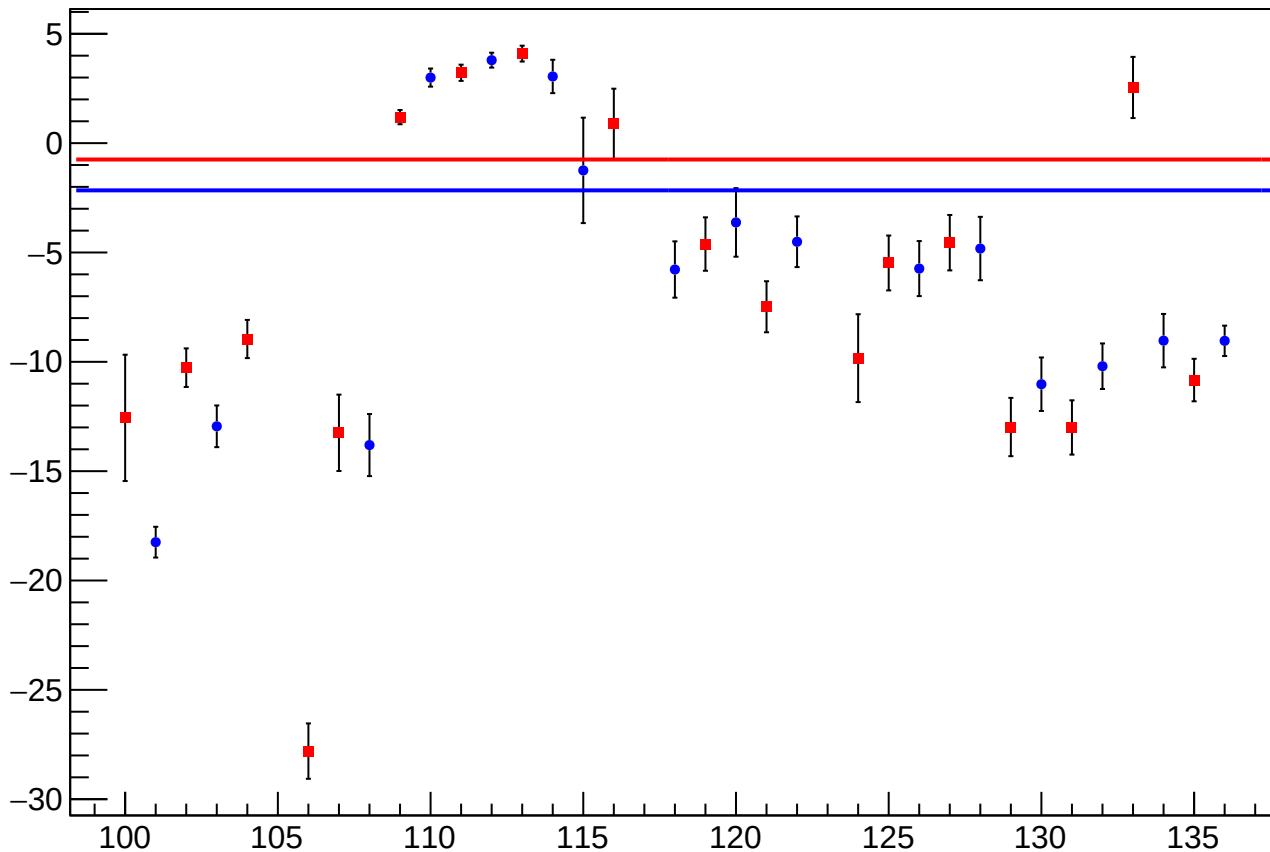
Right: 0.280 $\pm$ 0.010 χ^2 /NDF: 2072.5/33

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: 0.280 $\pm$ 0.010 χ^2 /NDF: 2072.5/33

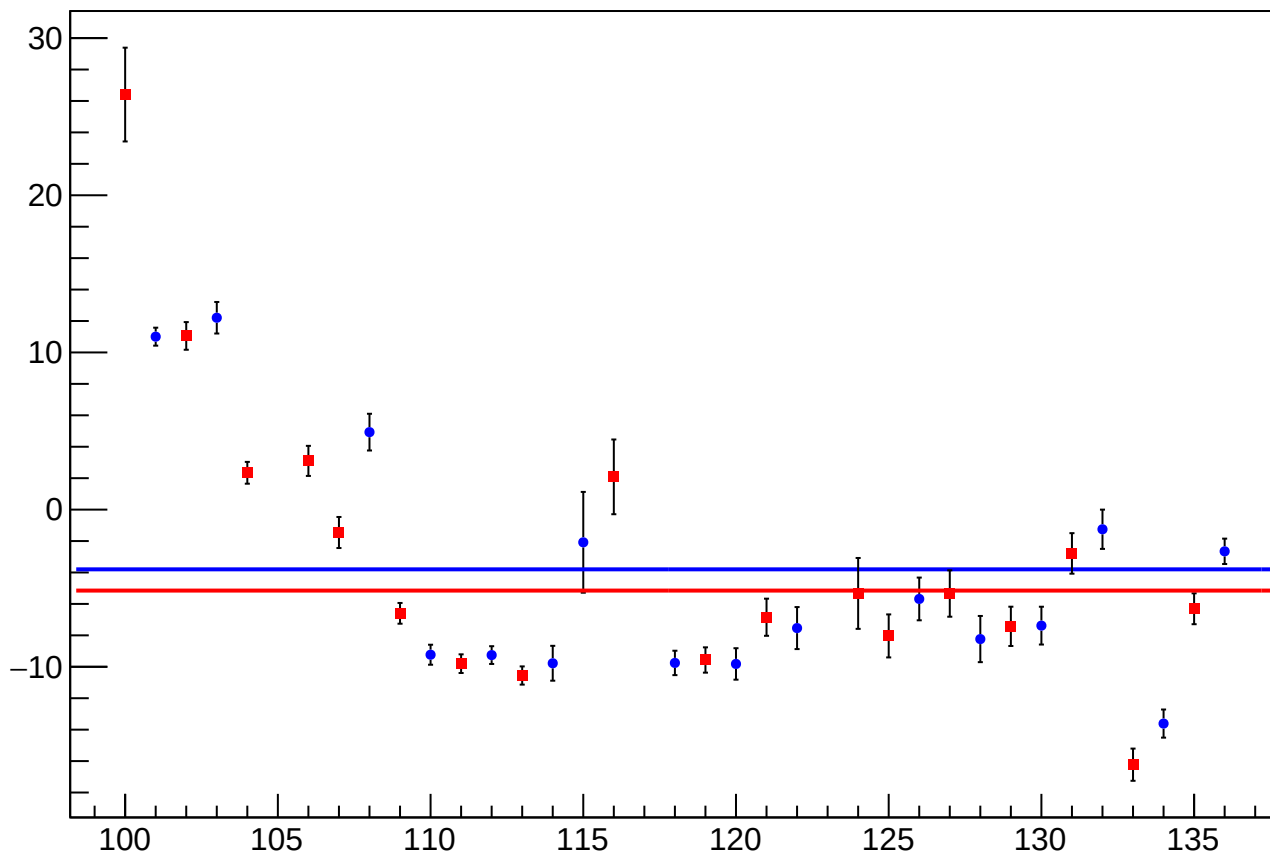
reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.748+/-0.172 χ^2 /NDF: 1439.5/17
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.374+/-0.128 χ^2 /NDF: 2960.5/33
 In: -2.159+/-0.192 χ^2 /NDF:1491.0/15
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.374+/-0.128 χ^2 /NDF: 2960.5/33

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: -5.151 ± 0.221 χ^2/NDF : 979.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

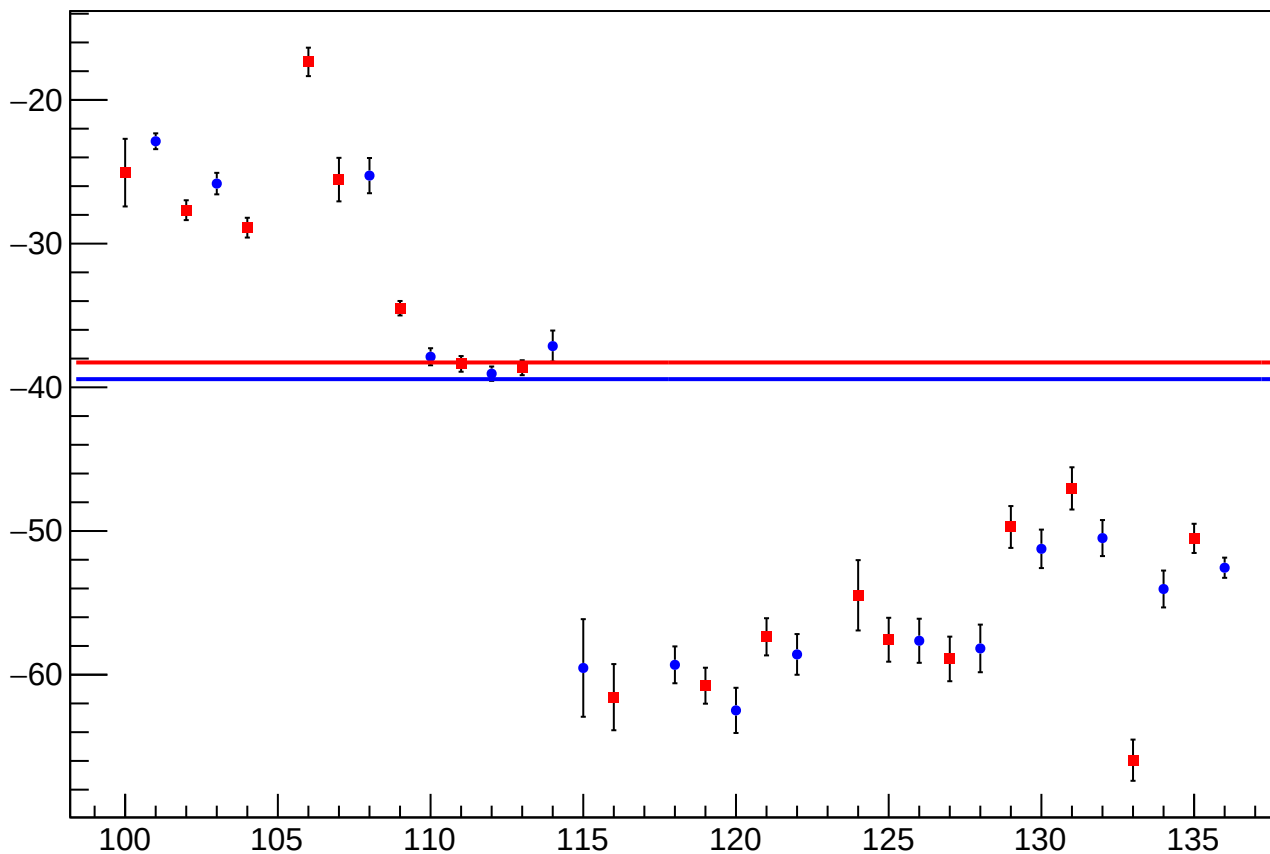
Right: -4.492 ± 0.158 χ^2/NDF : 2423.6/33

In: -3.800 ± 0.226 χ^2/NDF : 1425.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.492 ± 0.158 χ^2/NDF : 2423.6/33

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: -38.271 ± 0.215 χ^2/NDF : 2664.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

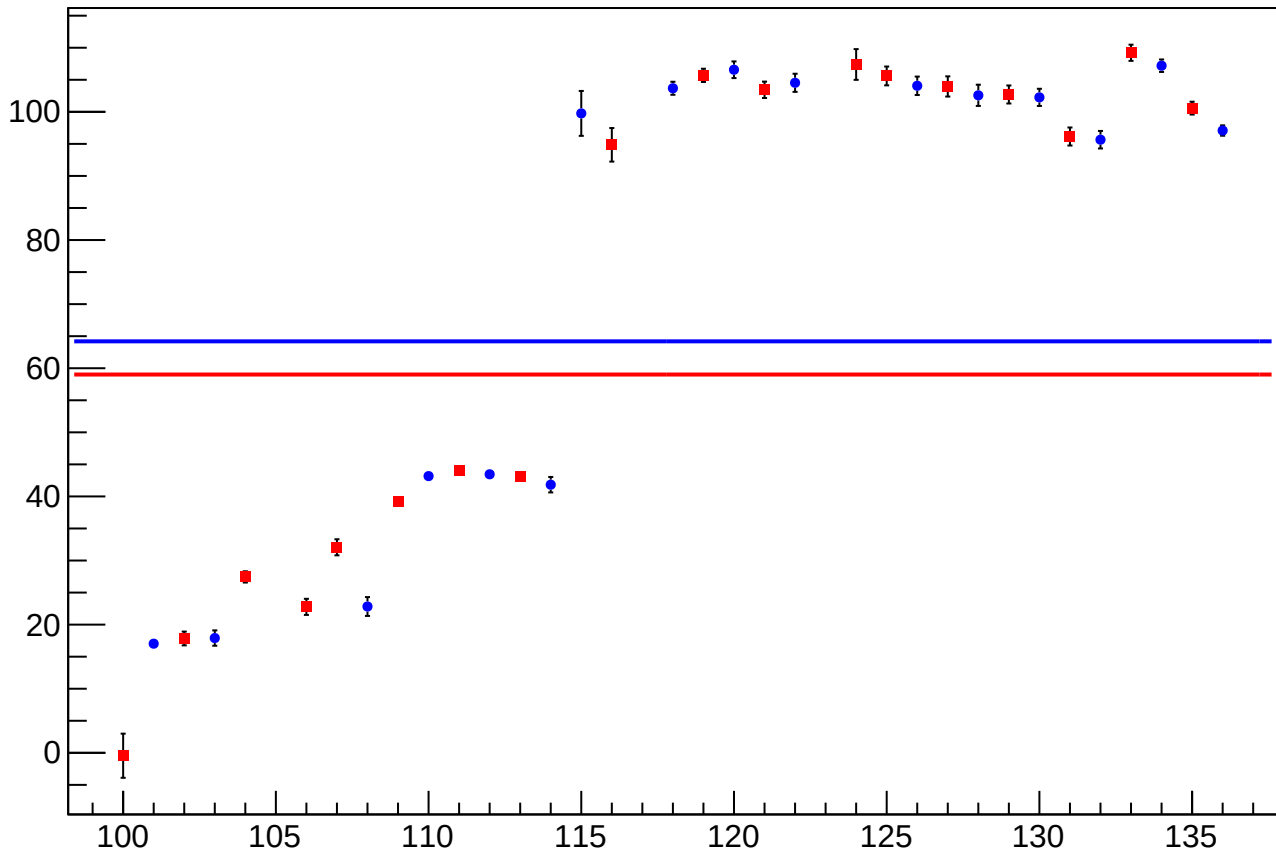
Right: -38.823 ± 0.156 χ^2/NDF : 5636.8/33

In: -39.431 ± 0.225 χ^2/NDF : 2958.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.823 ± 0.156 χ^2/NDF : 5636.8/33

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: 59.017+/-0.251 χ^2/NDF : 16943.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

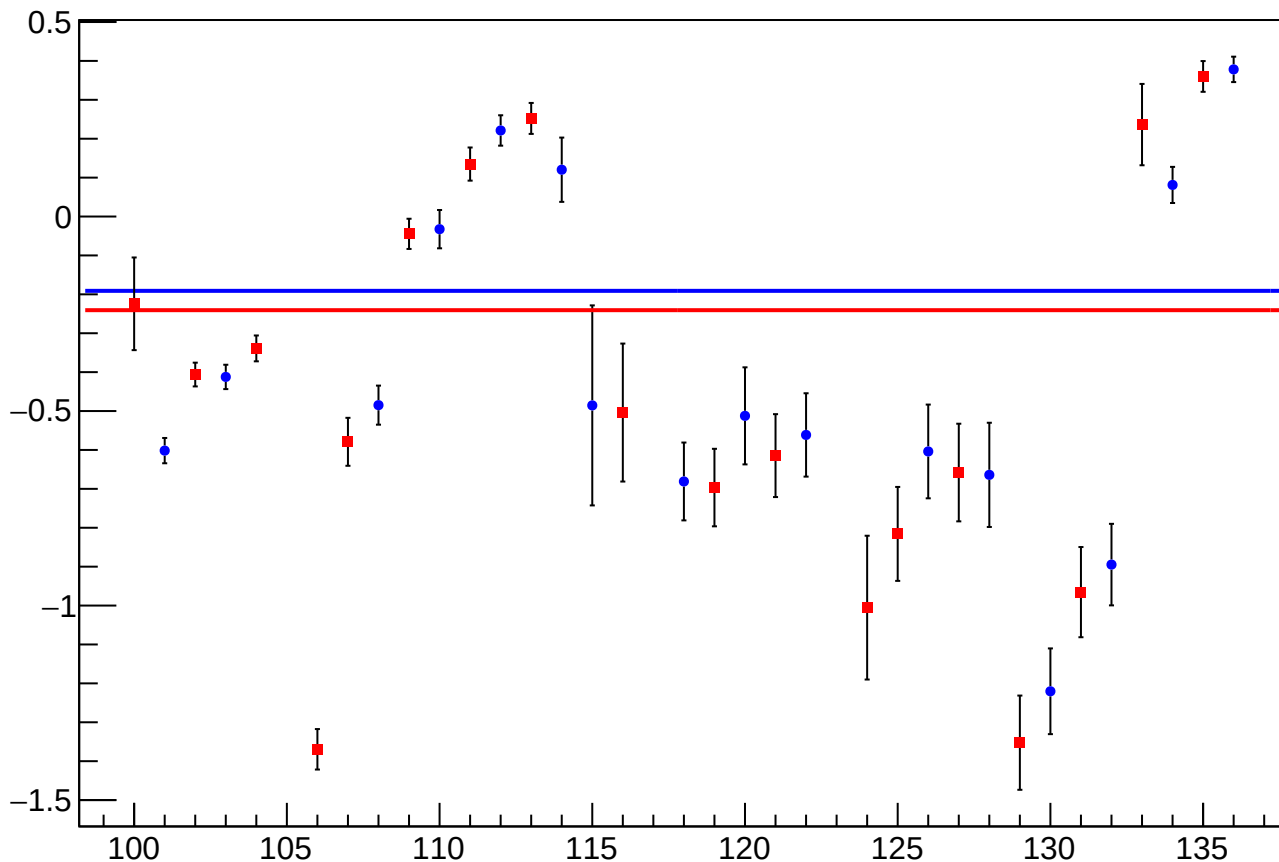
Right: 61.543+/-0.180 χ^2/NDF : 35746.6/33

In: 64.196+/-0.258 χ^2/NDF : 18596.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 61.543+/-0.180 χ^2/NDF : 35746.6/33

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: -0.241+/-0.013 χ^2/NDF : 1257.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

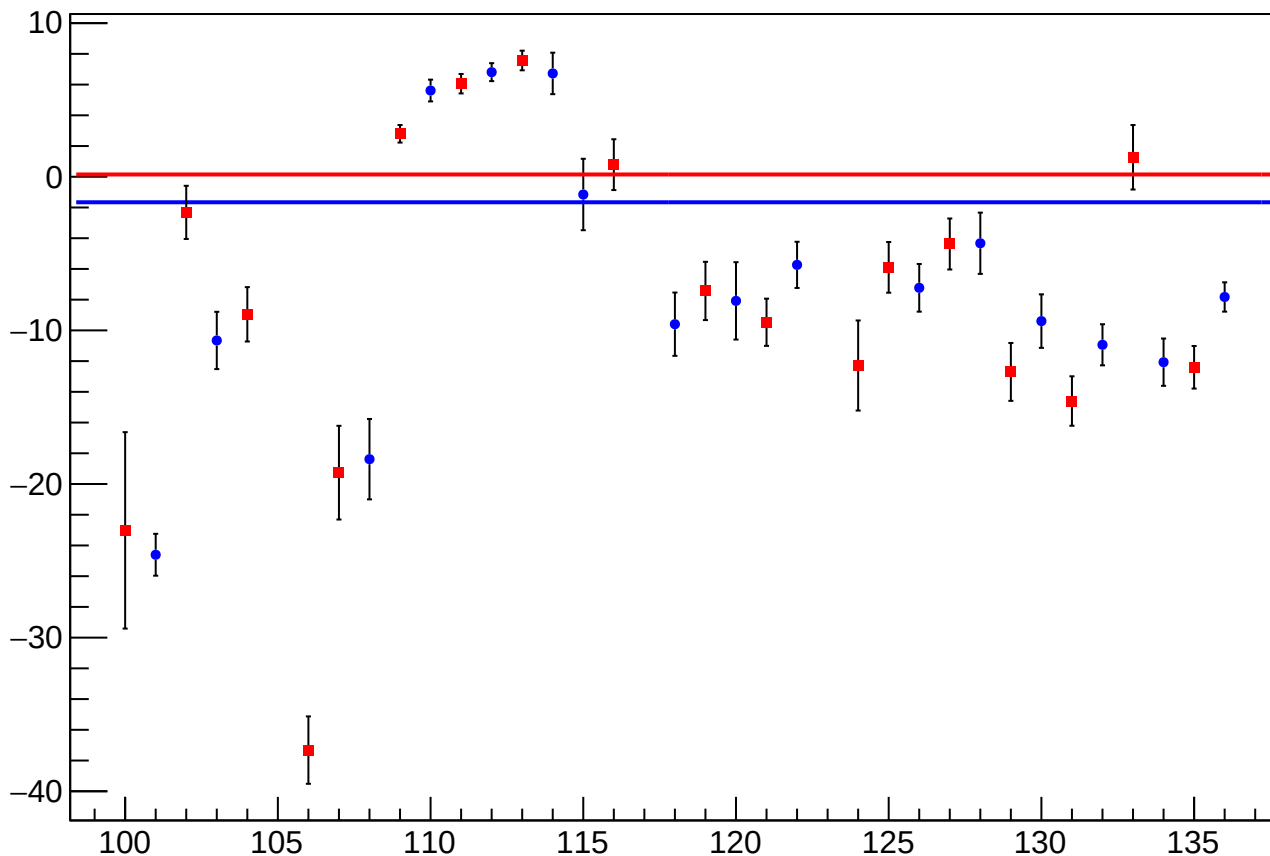
Right: -0.216+/-0.009 χ^2/NDF : 2182.5/33

In: -0.191+/-0.013 χ^2/NDF :918.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.216+/-0.009 χ^2/NDF : 2182.5/33

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: 0.149+/-0.285 χ^2/NDF : 924.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

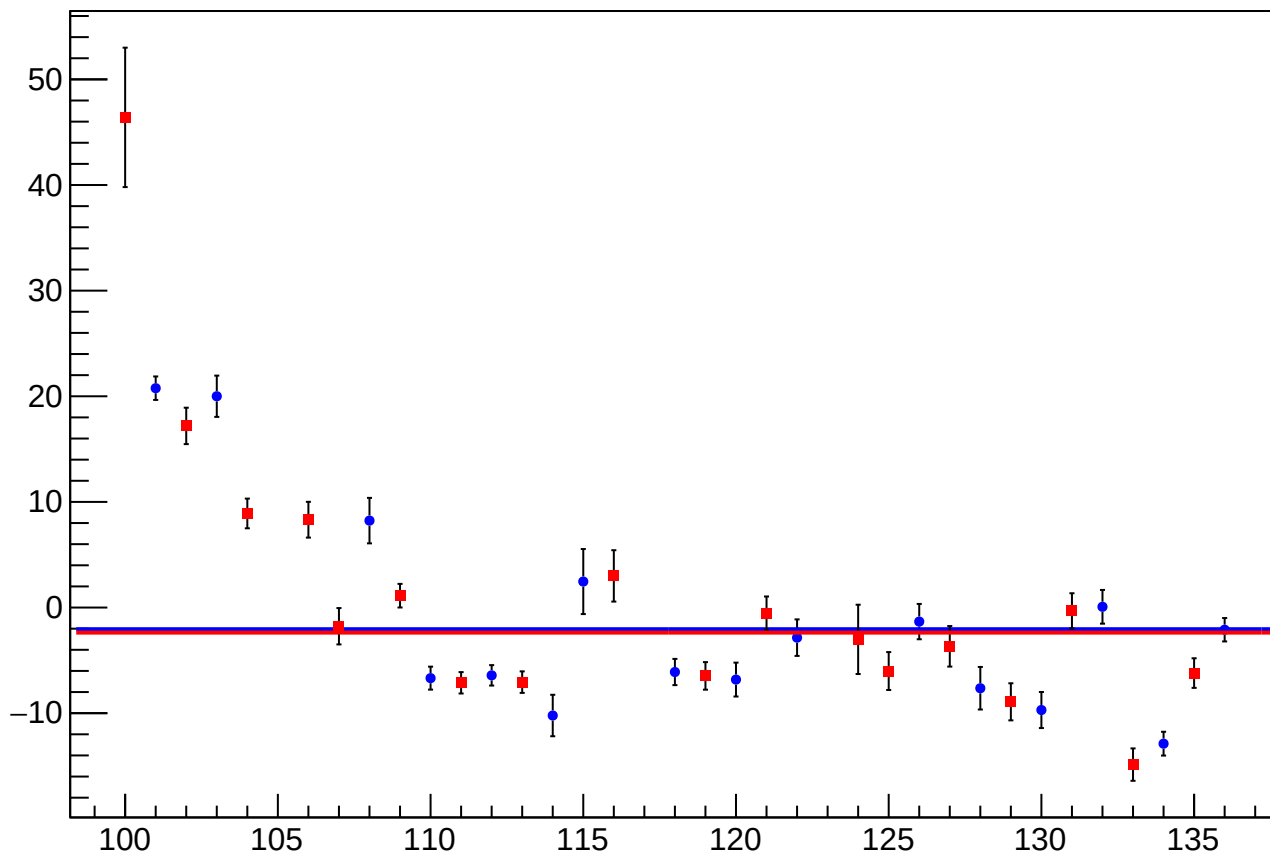
Right: -0.685+/-0.209 χ^2/NDF : 1843.0/33

In: -1.661+/-0.308 χ^2/NDF : 900.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.685+/-0.209 χ^2/NDF : 1843.0/33

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: -2.372 ± 0.360 χ^2/NDF : 450.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

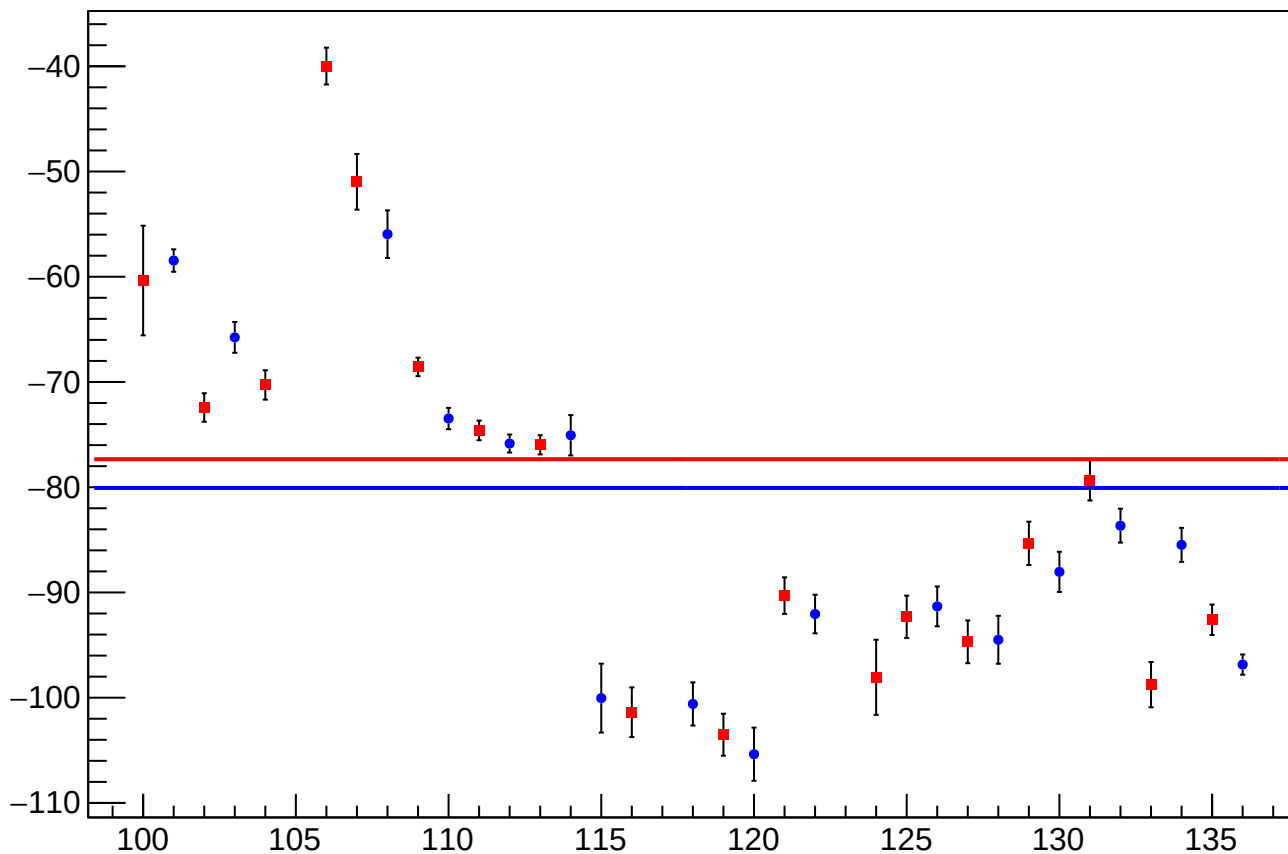
Right: -2.210 ± 0.253 χ^2/NDF : 1223.2/33

In: -2.050 ± 0.356 χ^2/NDF : 771.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.210 ± 0.253 χ^2/NDF : 1223.2/33

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: -77.337+/-0.359 χ^2/NDF : 1435.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

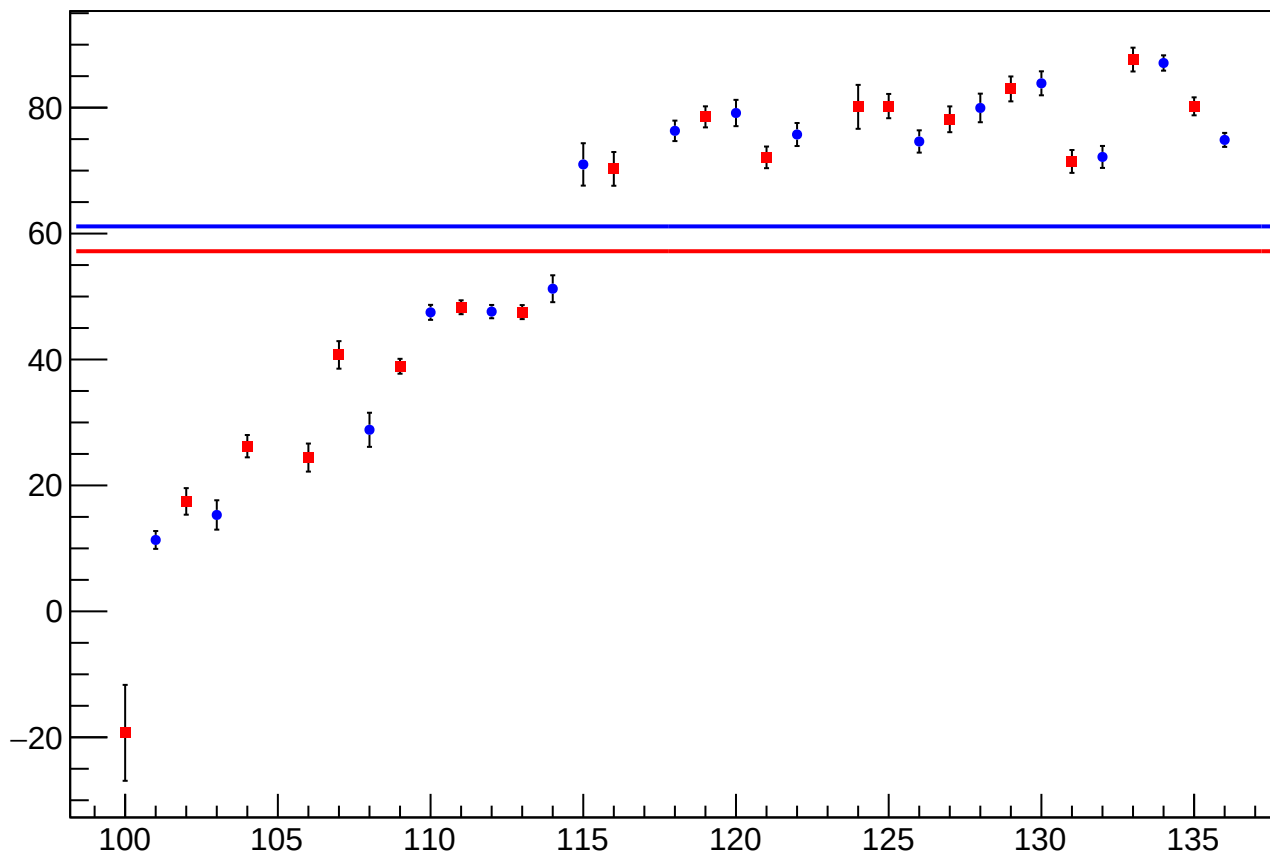
Right: -78.684+/-0.256 χ^2/NDF : 2851.5/33

In: -80.069+/-0.364 χ^2/NDF : 1387.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.684+/-0.256 χ^2/NDF : 2851.5/33

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: 57.196+/-0.406 χ^2 /NDF: 2716.6/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

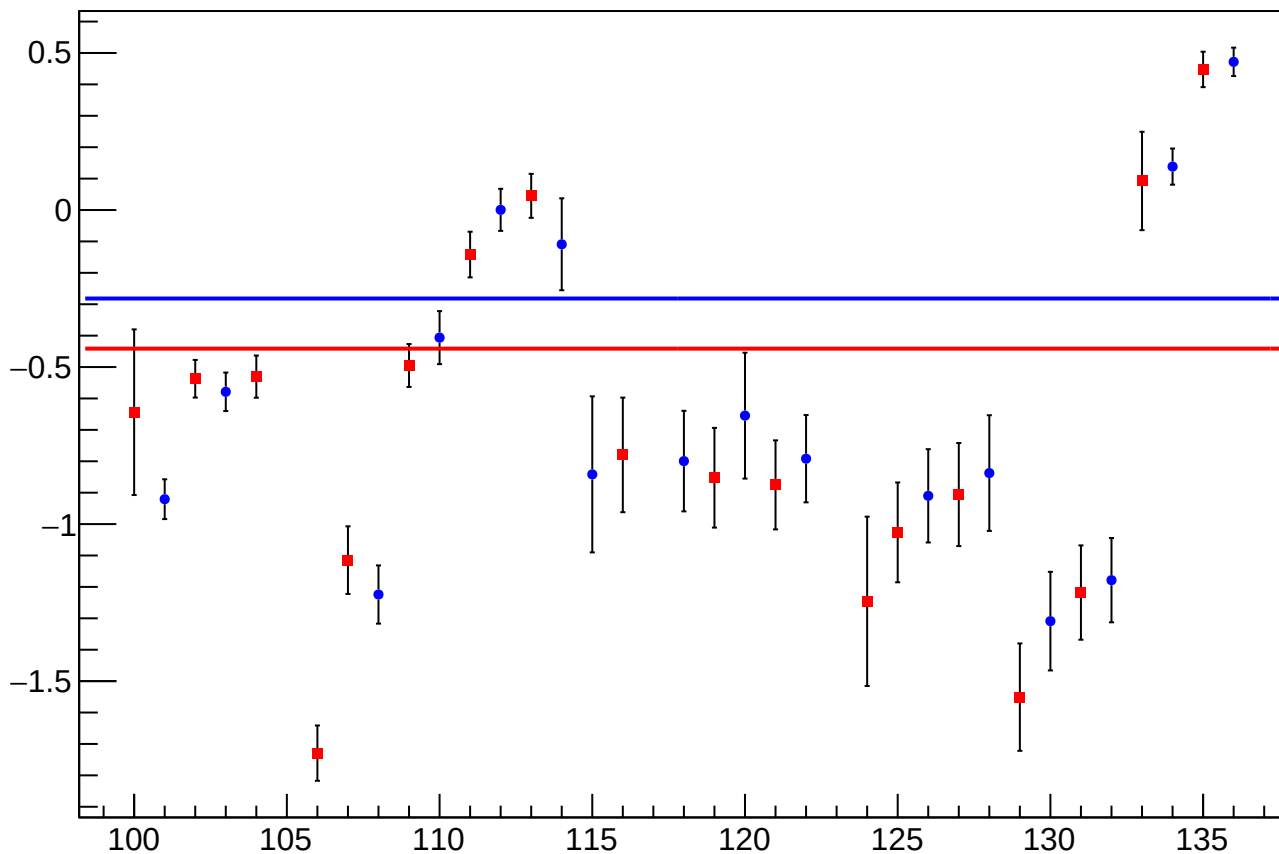
Right: 59.194+/-0.285 χ^2 /NDF: 5993.6/33

In: 61.139+/-0.401 χ^2 /NDF:3229.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 59.194+/-0.285 χ^2 /NDF: 5993.6/33

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: -0.441 ± 0.022 χ^2/NDF : 702.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

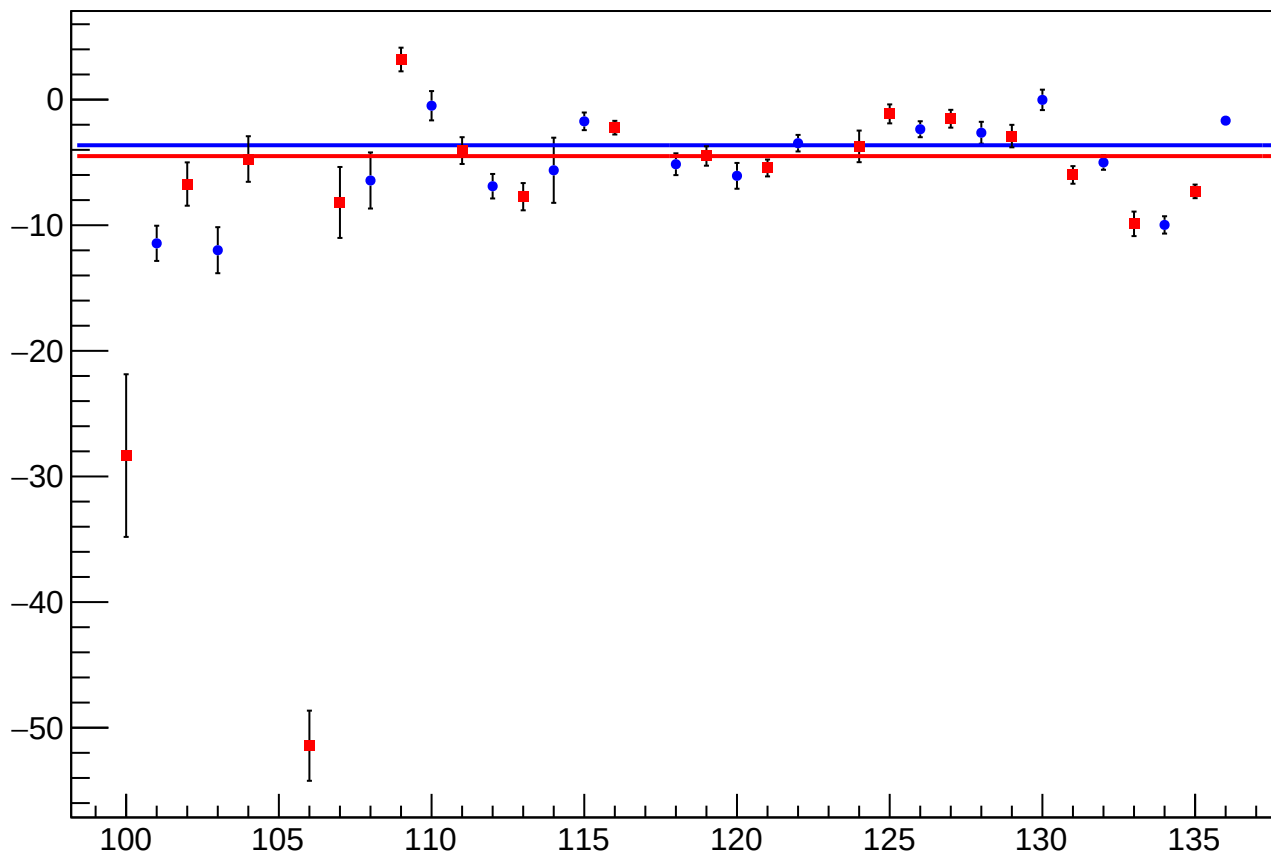
Right: -0.359 ± 0.016 χ^2/NDF : 1456.9/33

In: -0.282 ± 0.022 χ^2/NDF : 728.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.359 ± 0.016 χ^2/NDF : 1456.9/33

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: -4.497 ± 0.208 χ^2/NDF : 497.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

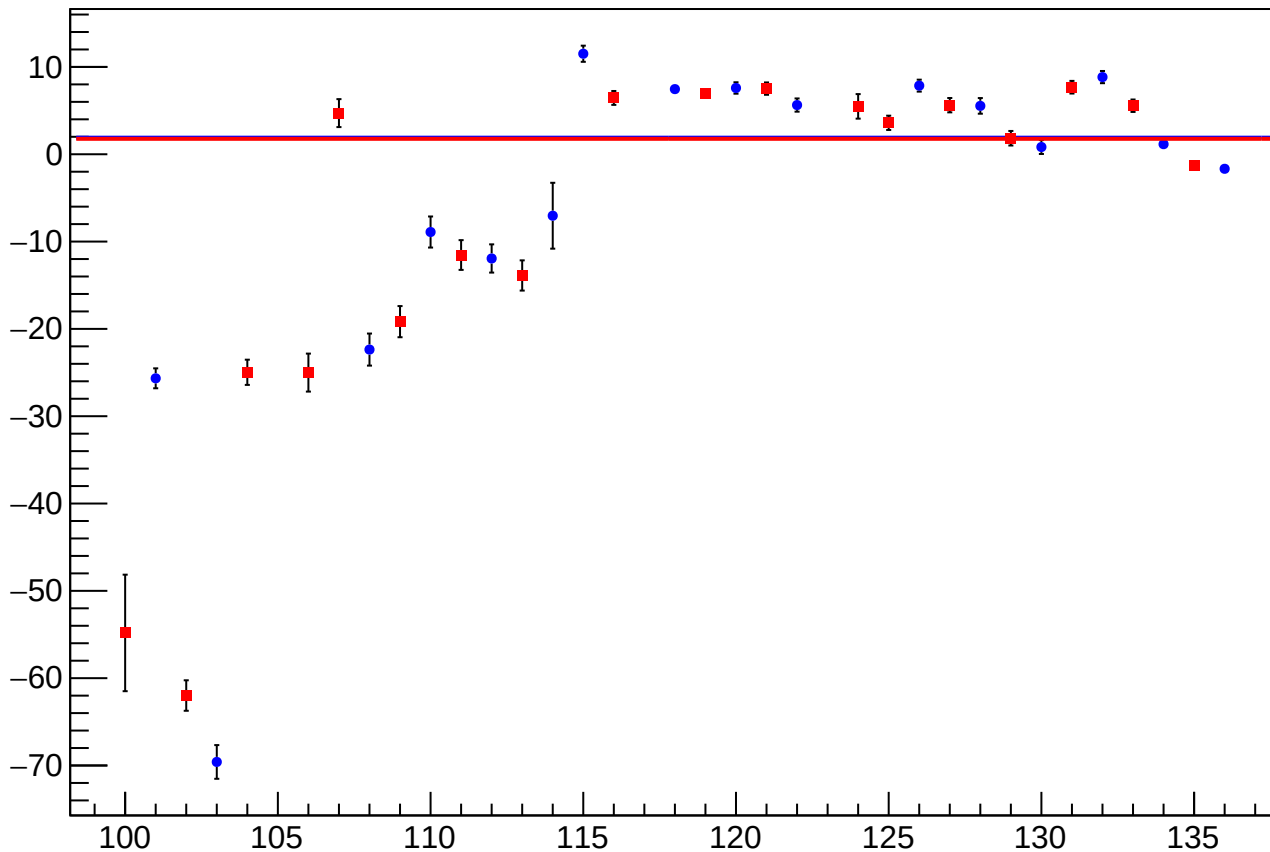
Right: -4.025 ± 0.140 χ^2/NDF : 741.8/33

In: -3.634 ± 0.189 χ^2/NDF : 234.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.025 ± 0.140 χ^2/NDF : 741.8/33

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: 1.769+/-0.215 χ^2/NDF : 2539.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

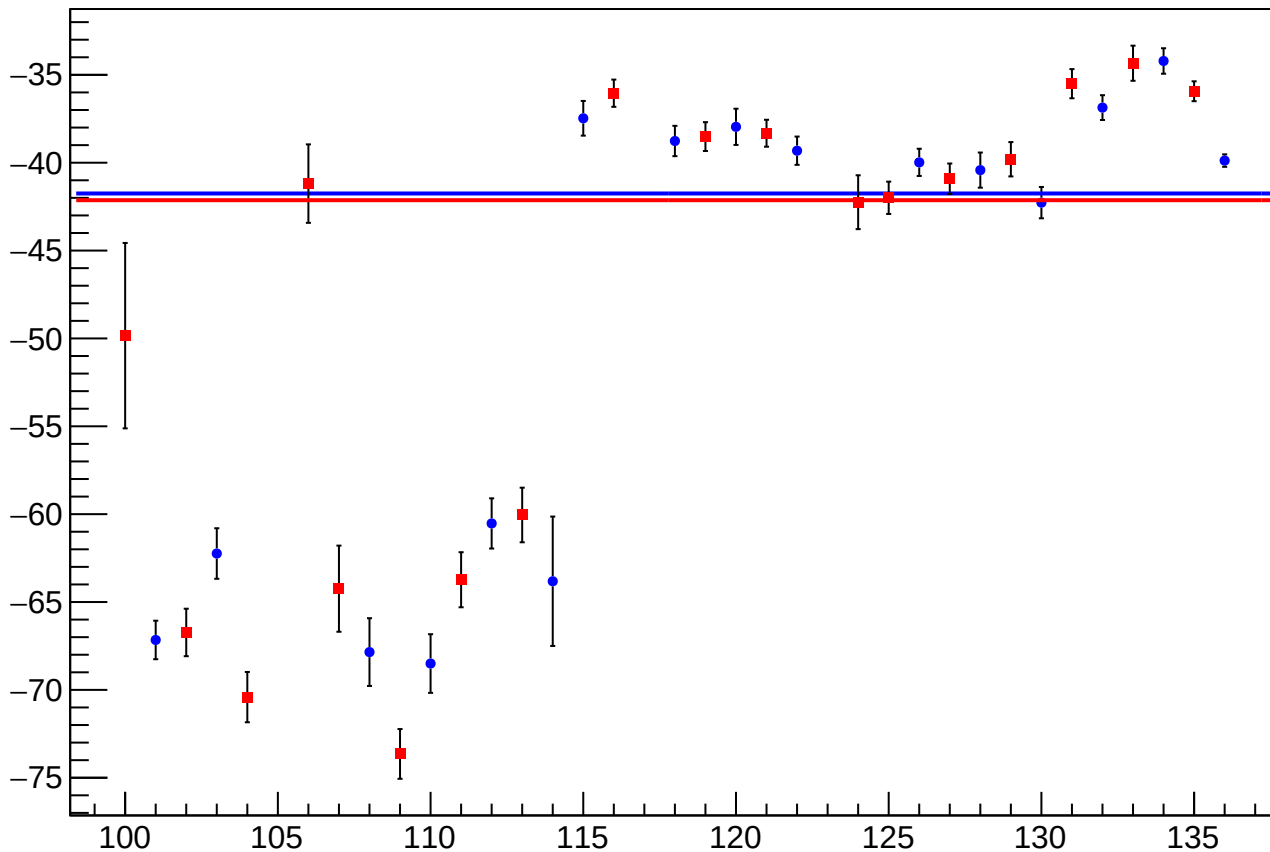
Right: 1.842+/-0.142 χ^2/NDF : 5378.0/33

In: 1.898+/-0.189 χ^2/NDF :2838.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.842+/-0.142 χ^2/NDF : 5378.0/33

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: -42.133+/-0.241 χ^2/NDF : 1982.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

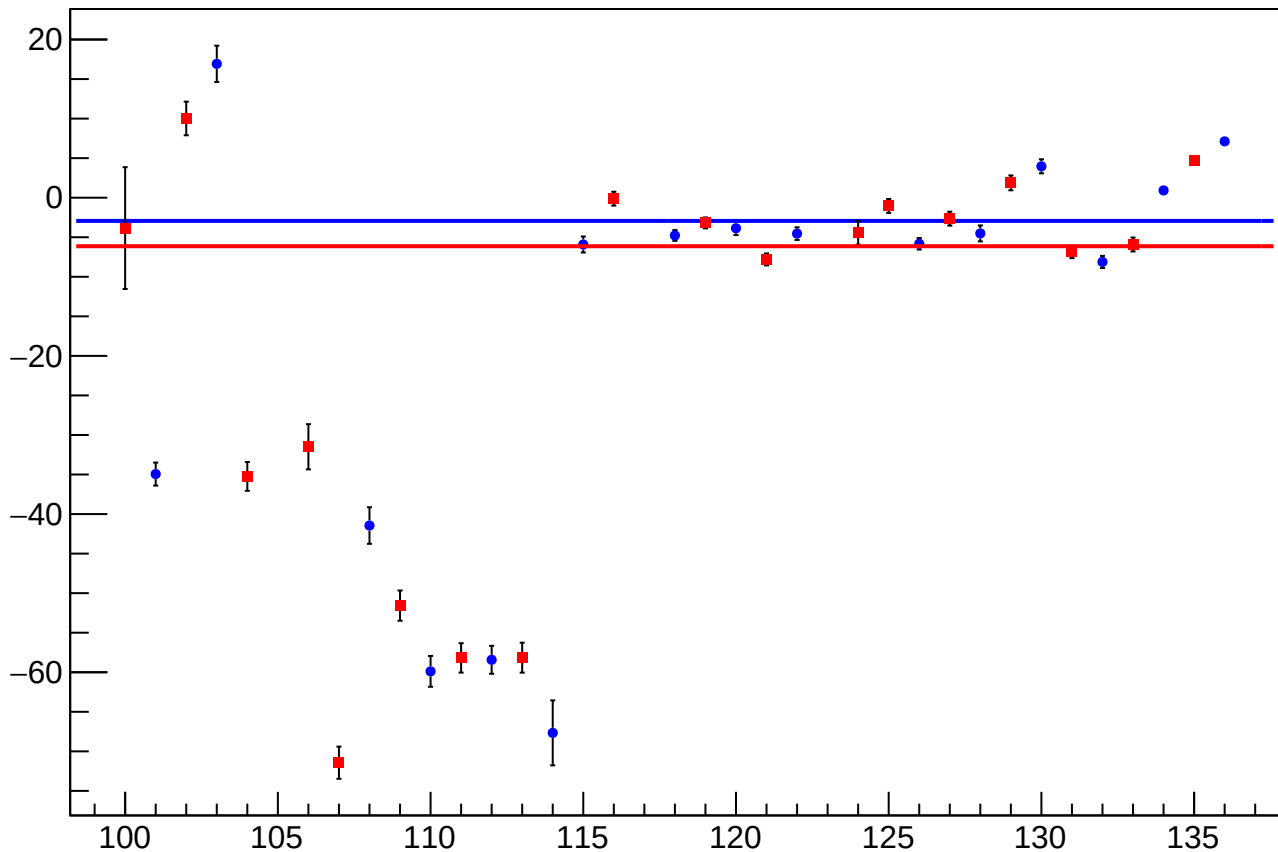
Right: -41.914+/-0.157 χ^2/NDF : 3617.6/33

In: -41.751+/-0.208 χ^2/NDF : 1633.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -41.914+/-0.157 χ^2/NDF : 3617.6/33

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: -6.135 ± 0.241 χ^2/NDF : 4097.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

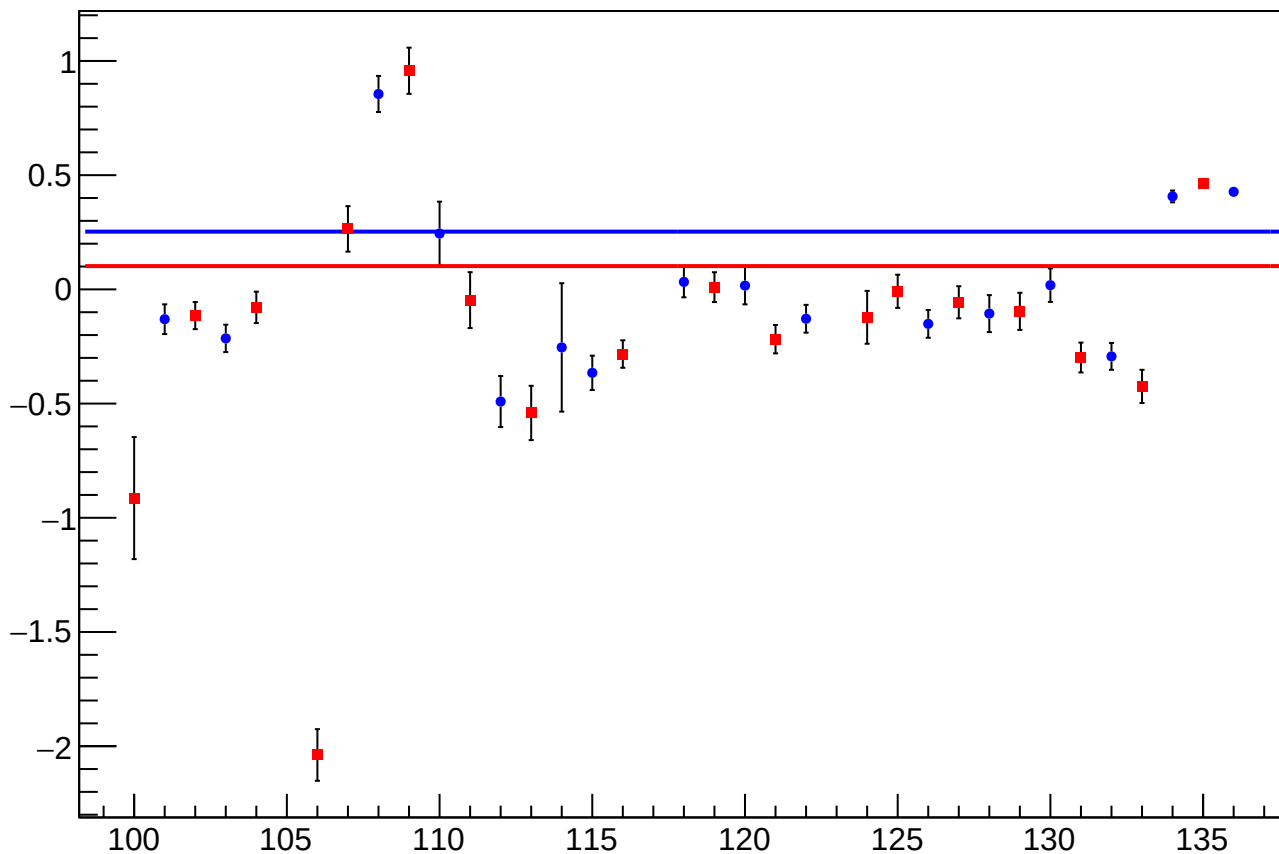
Right: -4.313 ± 0.158 χ^2/NDF : 7922.8/33

In: -2.936 ± 0.210 χ^2/NDF : 3725.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.313 ± 0.158 χ^2/NDF : 7922.8/33

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: 0.102 ± 0.014 χ^2/NDF : 940.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

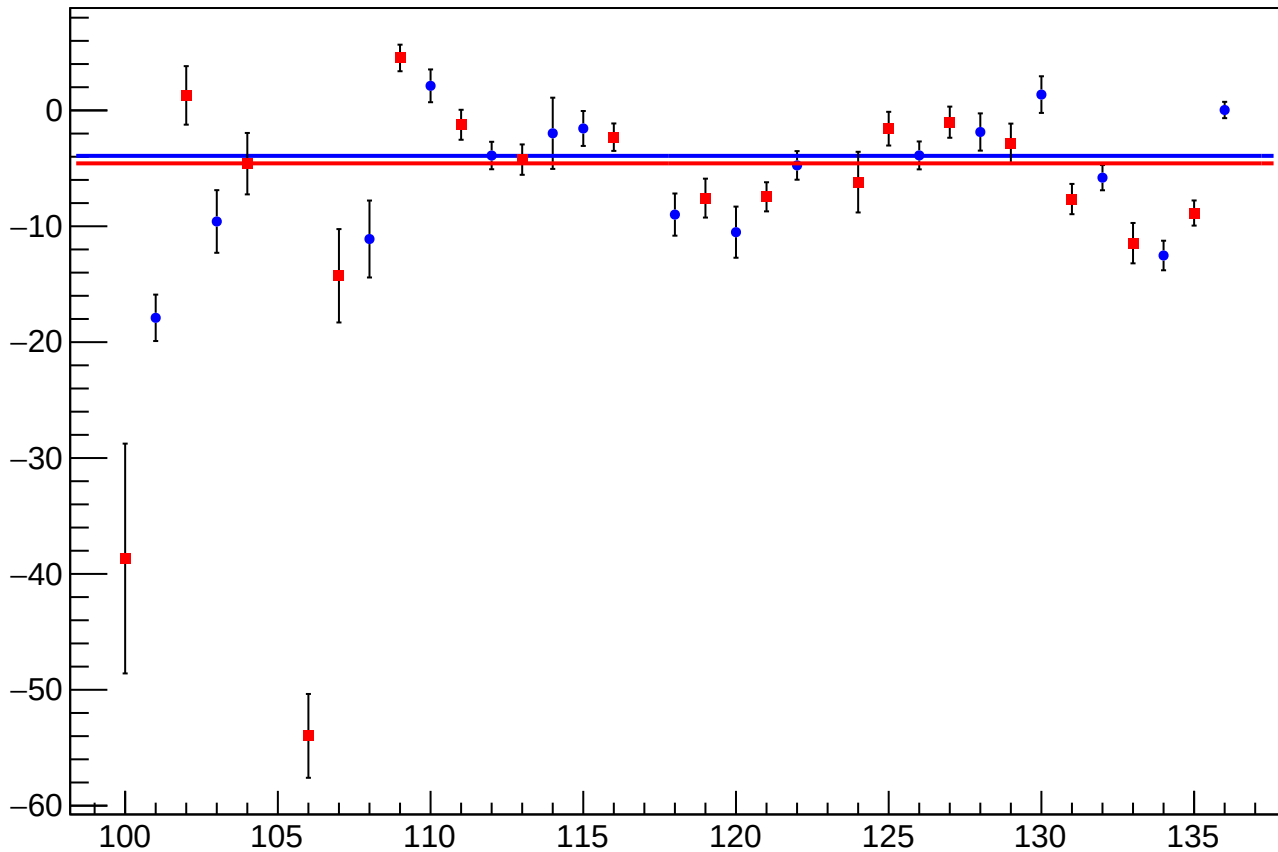
Right: 0.194 ± 0.009 χ^2/NDF : 1638.6/33

In: 0.253 ± 0.011 χ^2/NDF : 631.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.194 ± 0.009 χ^2/NDF : 1638.6/33

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: -4.571 ± 0.369 χ^2/NDF : 340.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

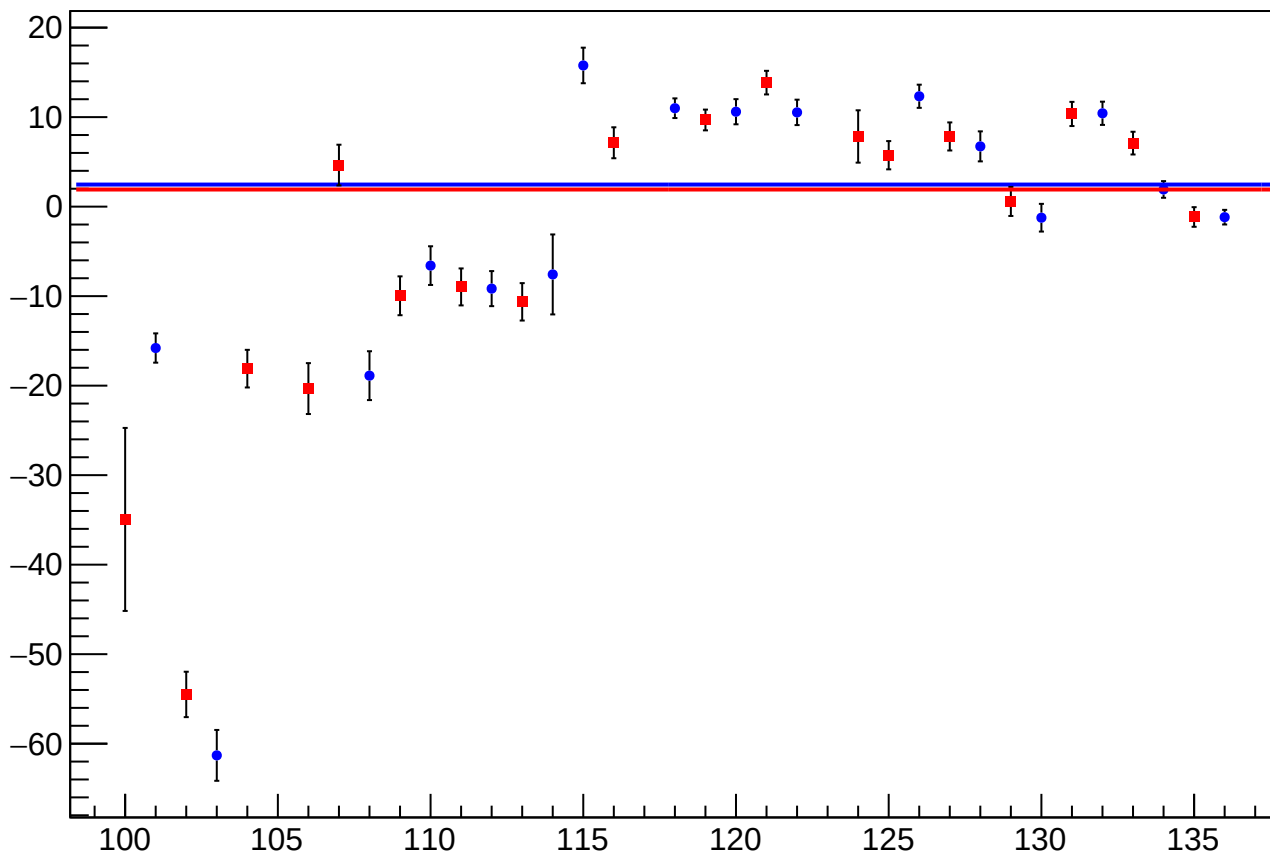
Right: -4.227 ± 0.252 χ^2/NDF : 531.1/33

In: -3.924 ± 0.346 χ^2/NDF : 188.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.227 ± 0.252 χ^2/NDF : 531.1/33

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: 1.912+/-0.397 χ^2/NDF : 979.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

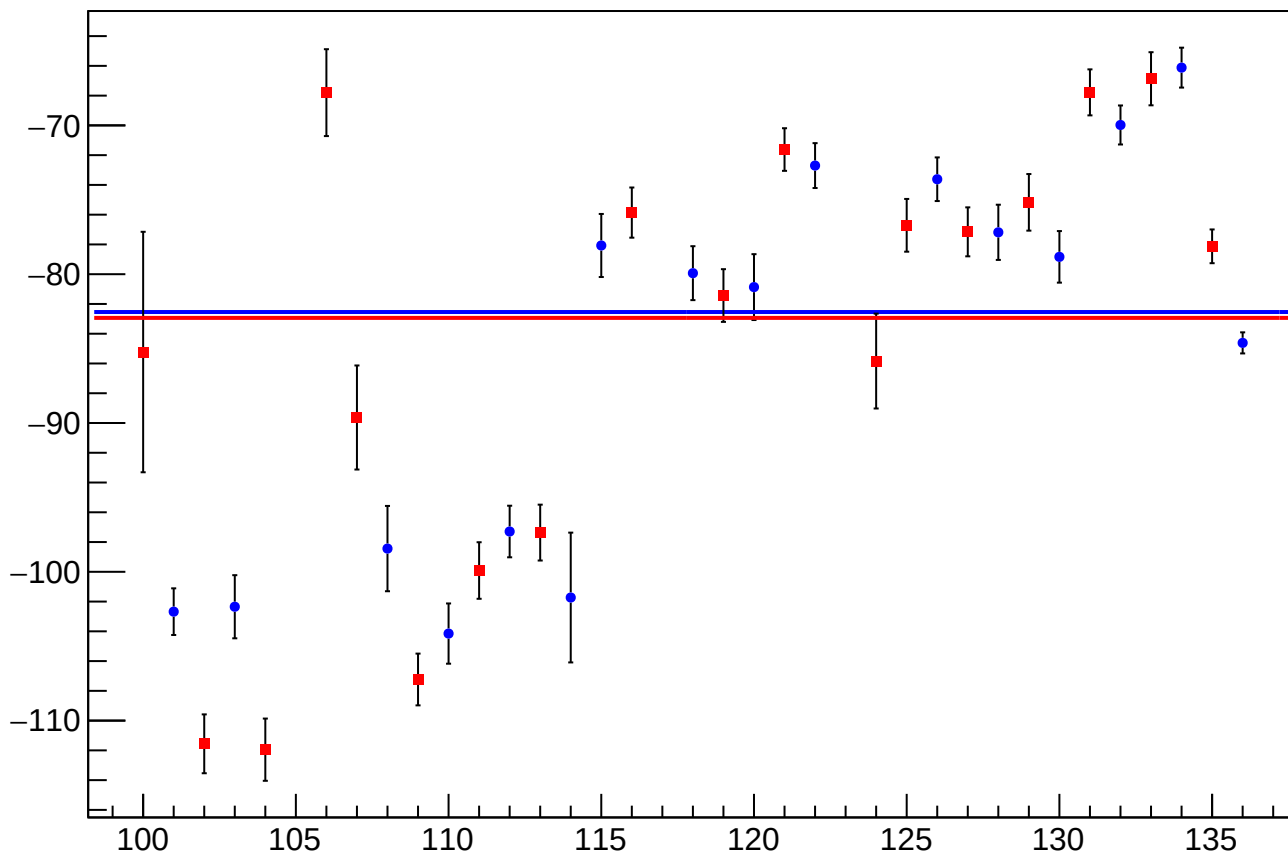
Right: 2.218+/-0.265 χ^2/NDF : 2027.0/33

In: 2.465+/-0.357 χ^2/NDF :1046.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 2.218+/-0.265 χ^2/NDF : 2027.0/33

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -82.542 ± 0.384 χ^2/NDF : 838.8/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -82.936 ± 0.434 χ^2/NDF : 1084.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

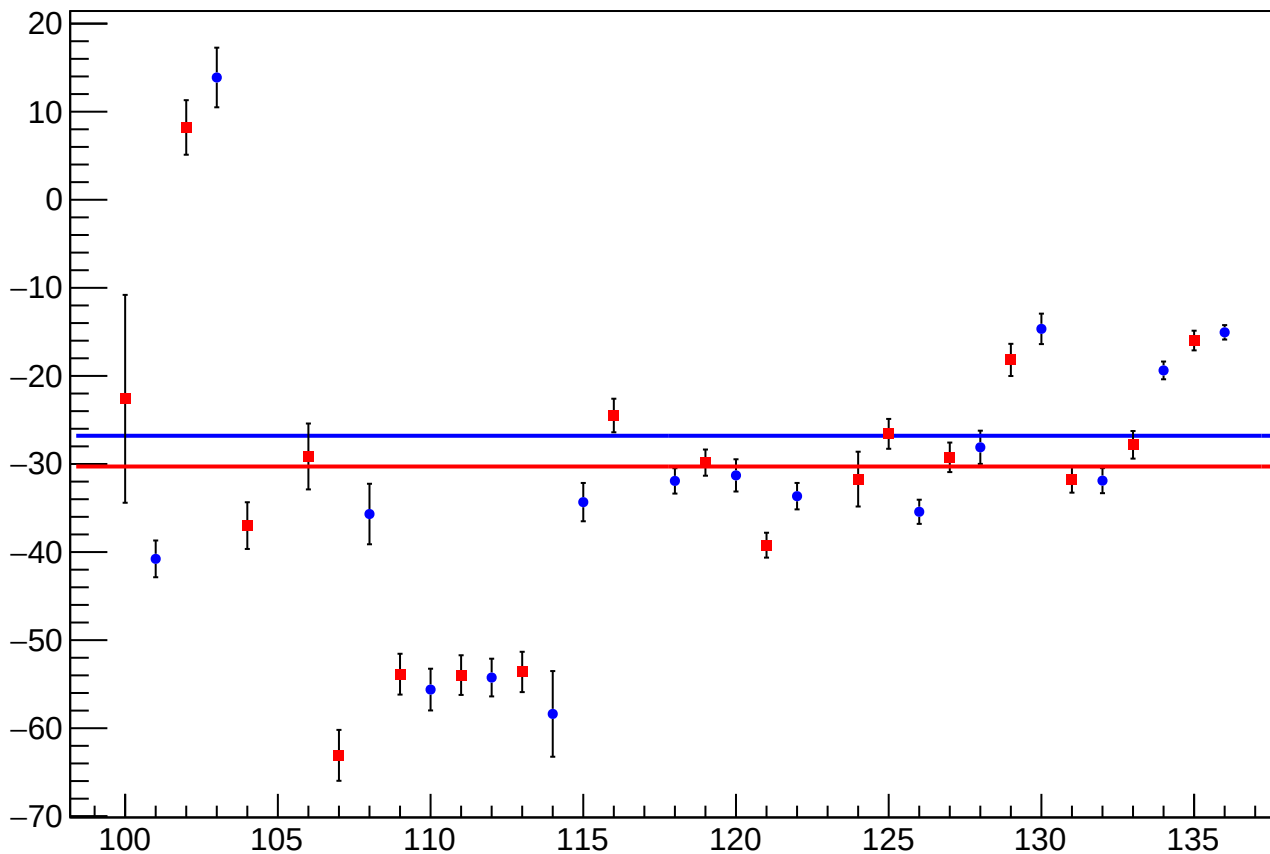
Right: -82.715 ± 0.288 χ^2/NDF : 1924.1/33

In: -82.542 ± 0.384 χ^2/NDF : 838.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.715 ± 0.288 χ^2/NDF : 1924.1/33

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: -30.286 ± 0.446 χ^2/NDF : 874.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

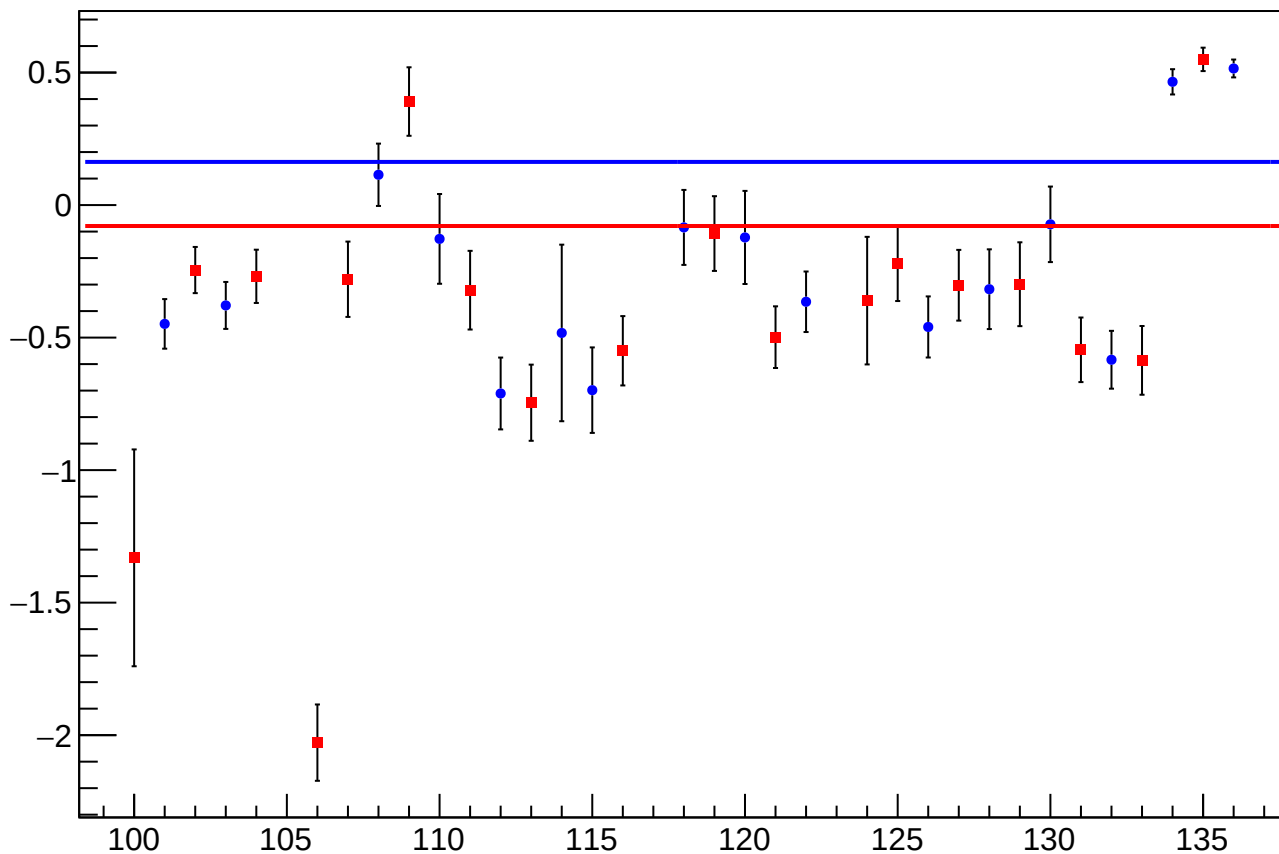
Right: -28.332 ± 0.296 χ^2/NDF : 1871.8/33

In: -26.796 ± 0.396 χ^2/NDF : 963.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.332 ± 0.296 χ^2/NDF : 1871.8/33

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: -0.079 $\pm$ 0.026 χ^2 /NDF: 504.9/17

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

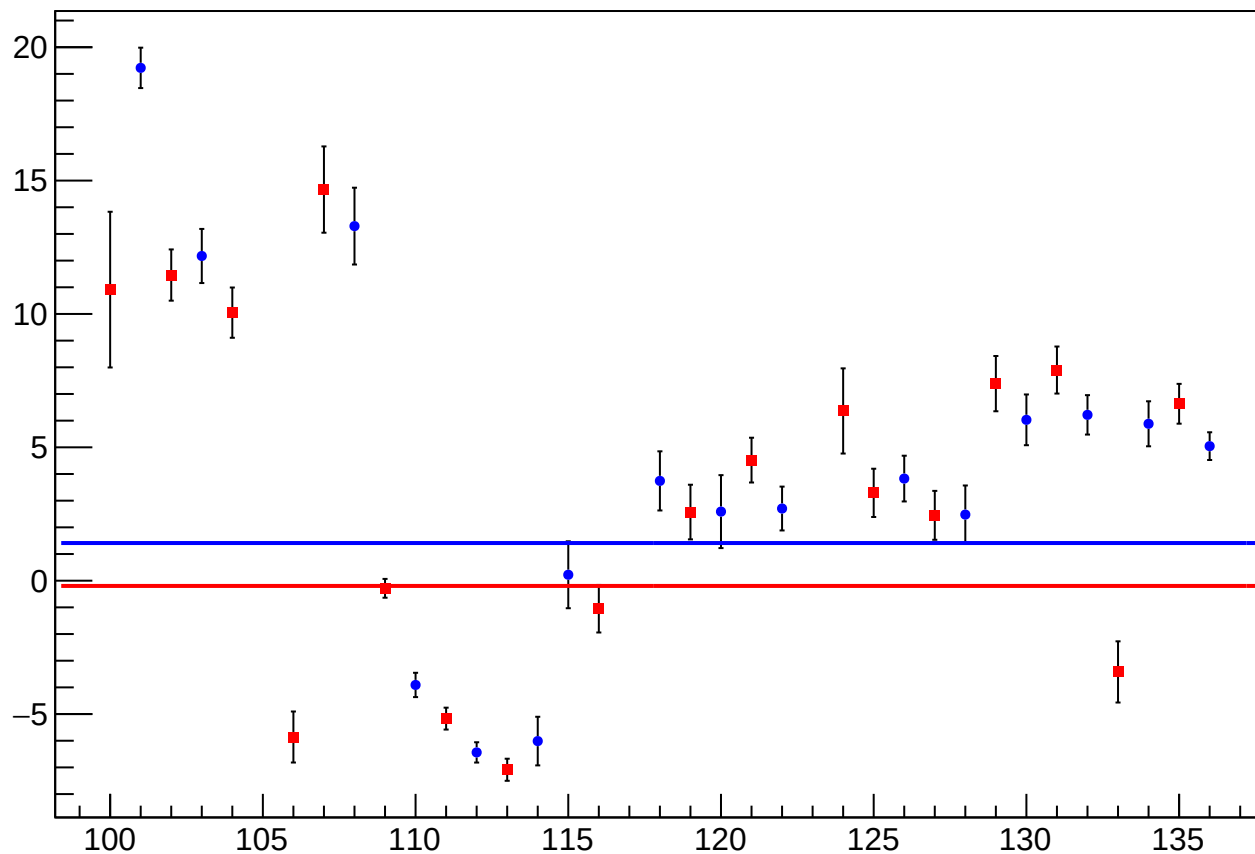
Right: 0.065 $\pm$ 0.017 χ^2 /NDF: 979.0/33

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: 0.065 $\pm$ 0.017 χ^2 /NDF: 979.0/33

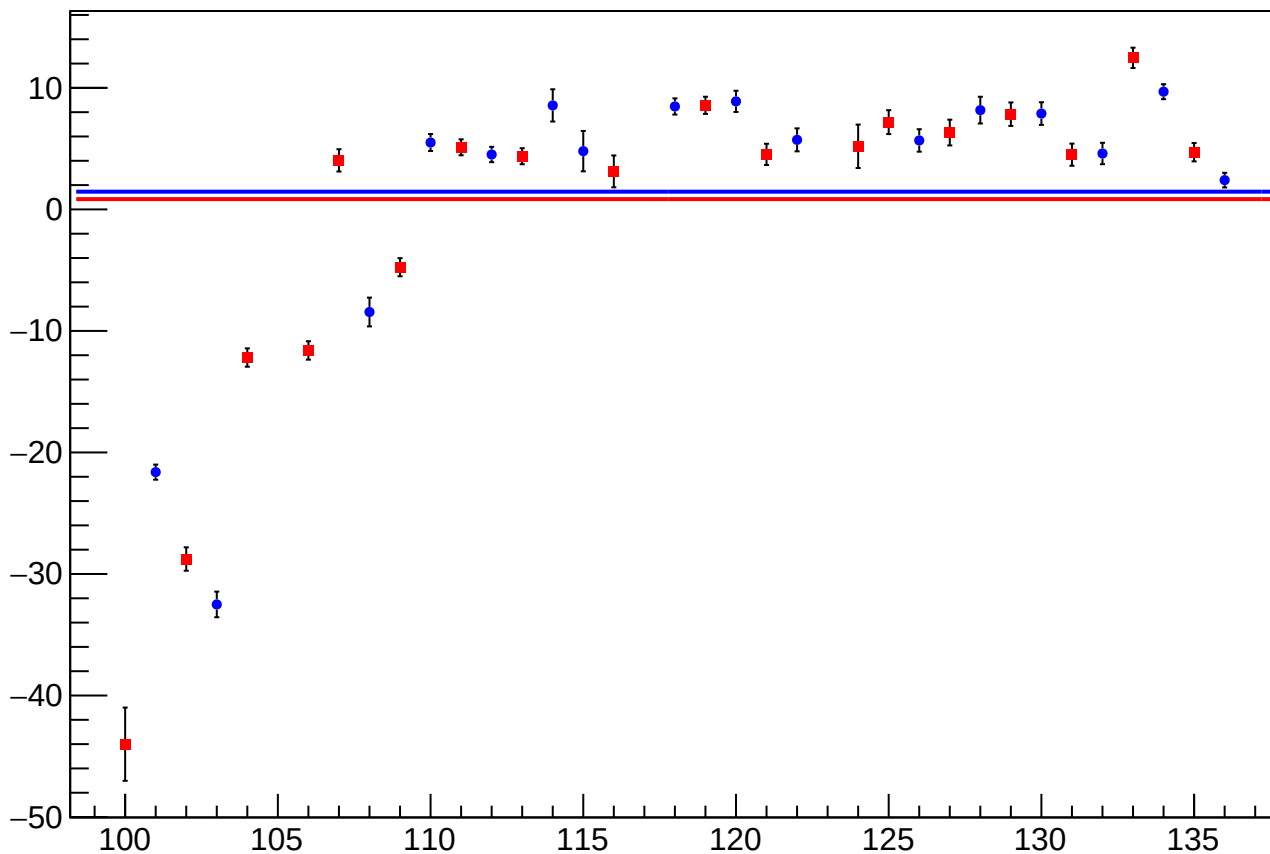
reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug, Sign Corrected



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: -0.197 $\pm$ 0.169 χ^2 /NDF: 1133.1/17
 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: 0.545 $\pm$ 0.124 χ^2 /NDF: 2696.8/33
 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: 0.545 $\pm$ 0.124 χ^2 /NDF: 2696.8/33

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: 0.846+/-0.205 χ^2/NDF : 2374.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

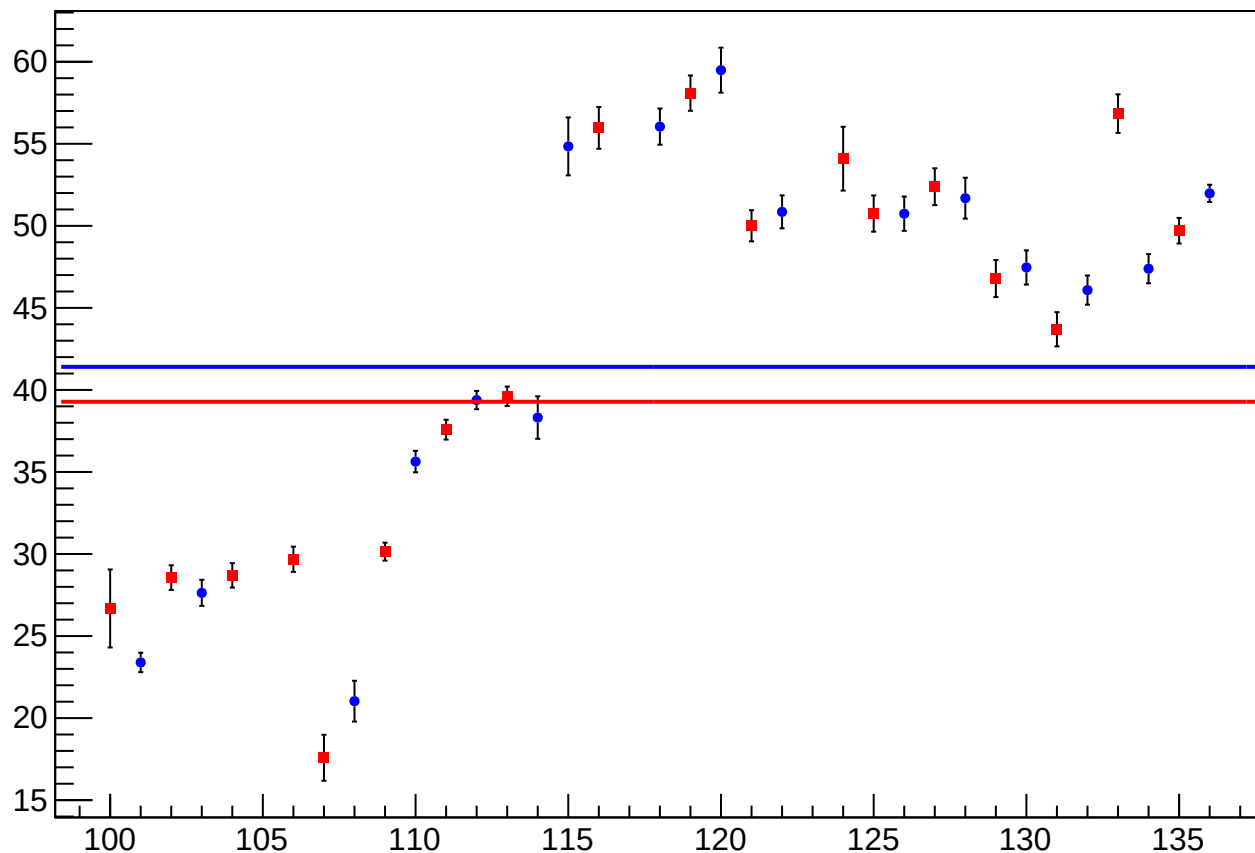
Right: 1.154+/-0.144 χ^2/NDF : 5459.5/33

In: 1.459+/-0.203 χ^2/NDF : 3080.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.154+/-0.144 χ^2/NDF : 5459.5/33

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: 39.281+/-0.207 χ^2 /NDF: 2487.3/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

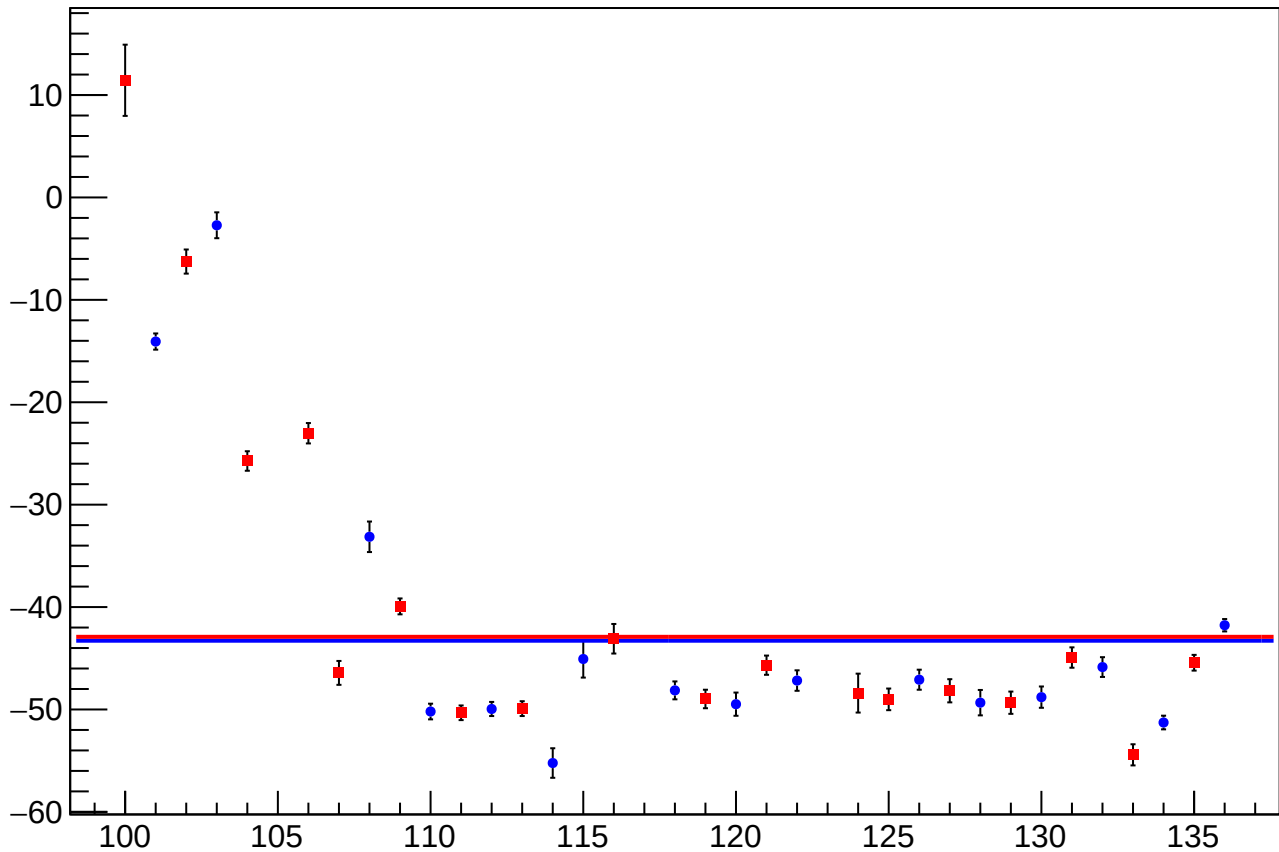
Right: 40.323+/-0.147 χ^2 /NDF: 5285.2/33

In: 41.407+/-0.211 χ^2 /NDF:2746.0/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 40.323+/-0.147 χ^2 /NDF: 5285.2/33

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -43.285+/-0.229 χ^2/NDF : 2985.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.906+/-0.233 χ^2/NDF : 2453.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

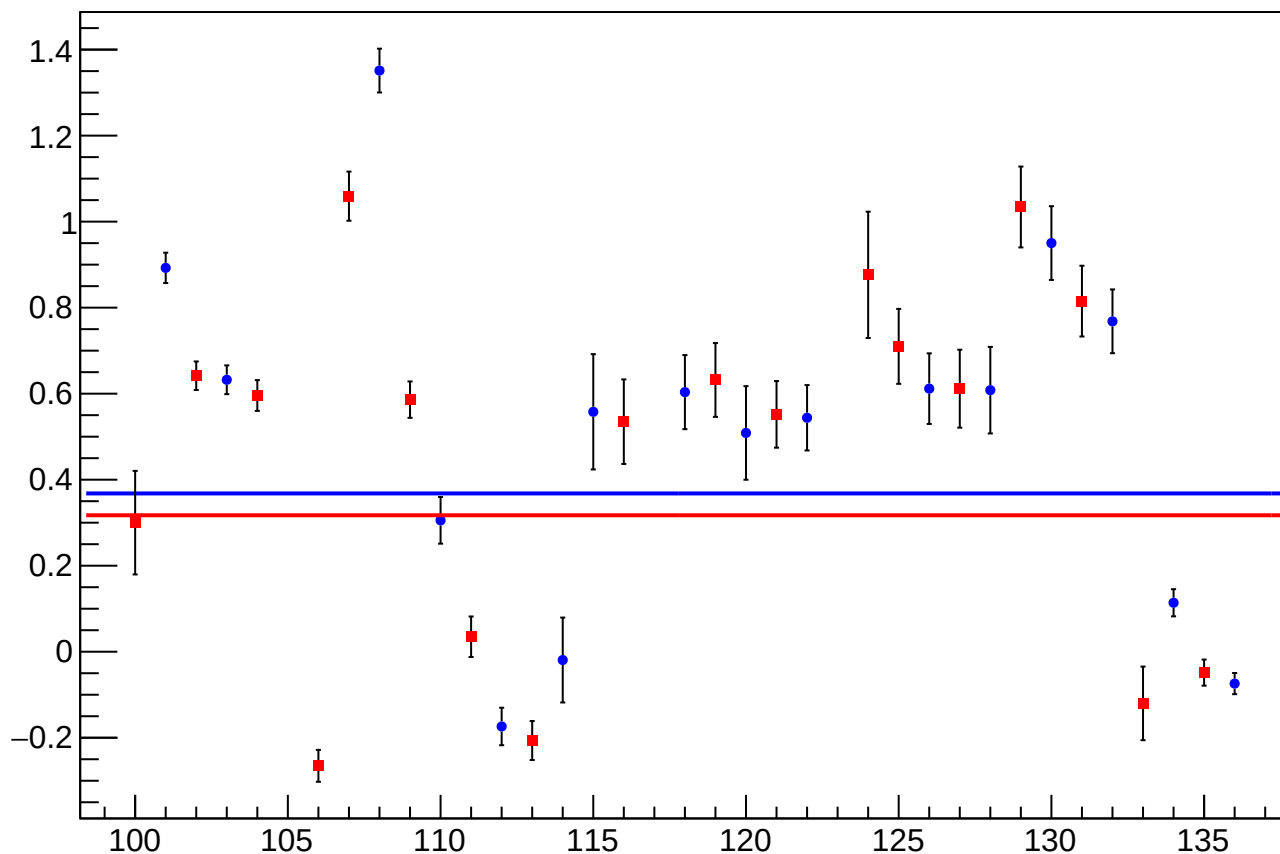
Right: -43.098+/-0.163 χ^2/NDF : 5439.9/33

In: -43.285+/-0.229 χ^2/NDF : 2985.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -43.098+/-0.163 χ^2/NDF : 5439.9/33

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: 0.317 $\pm$ 0.012 χ^2 /NDF: 1120.1/17

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

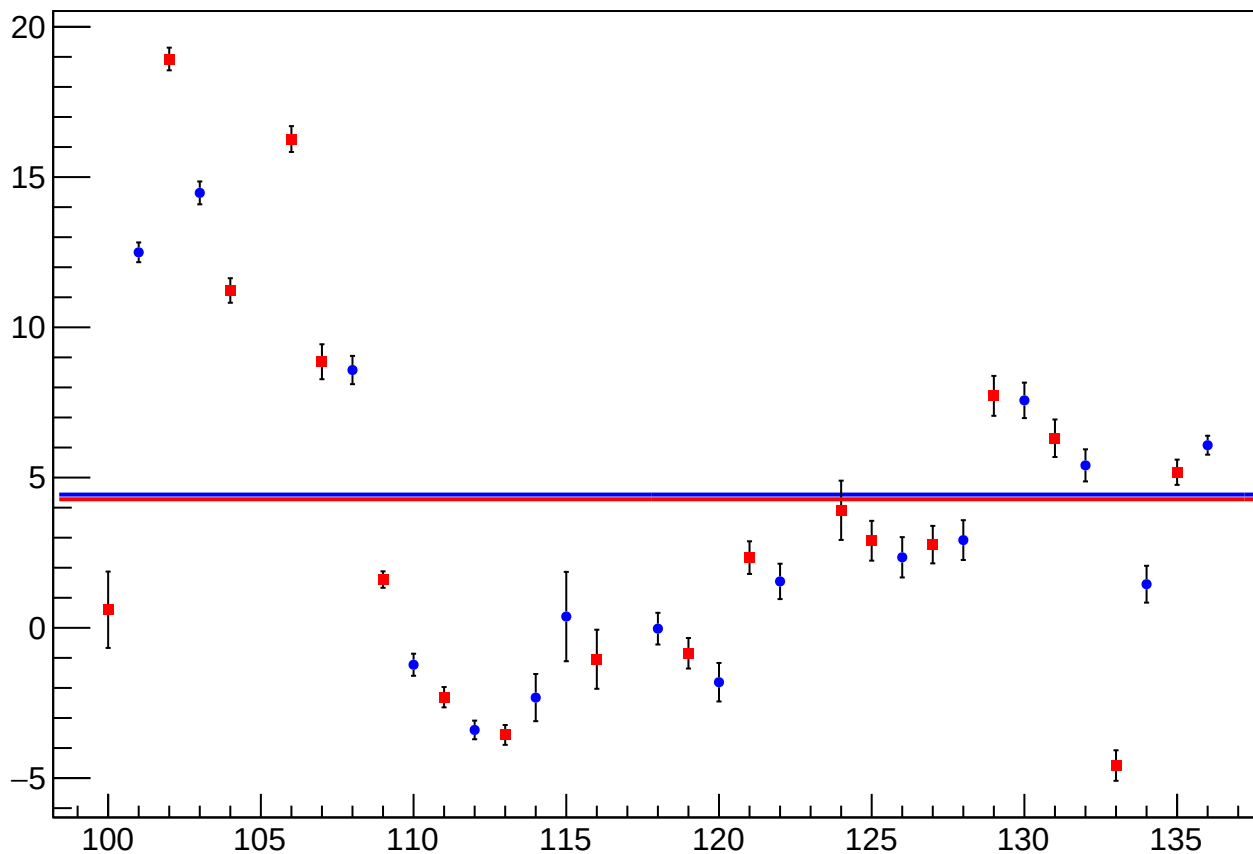
Right: 0.343 $\pm$ 0.009 χ^2 /NDF: 2449.5/33

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: 0.343 $\pm$ 0.009 χ^2 /NDF: 2449.5/33

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: 4.278+/-0.111 χ^2/NDF : 4188.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

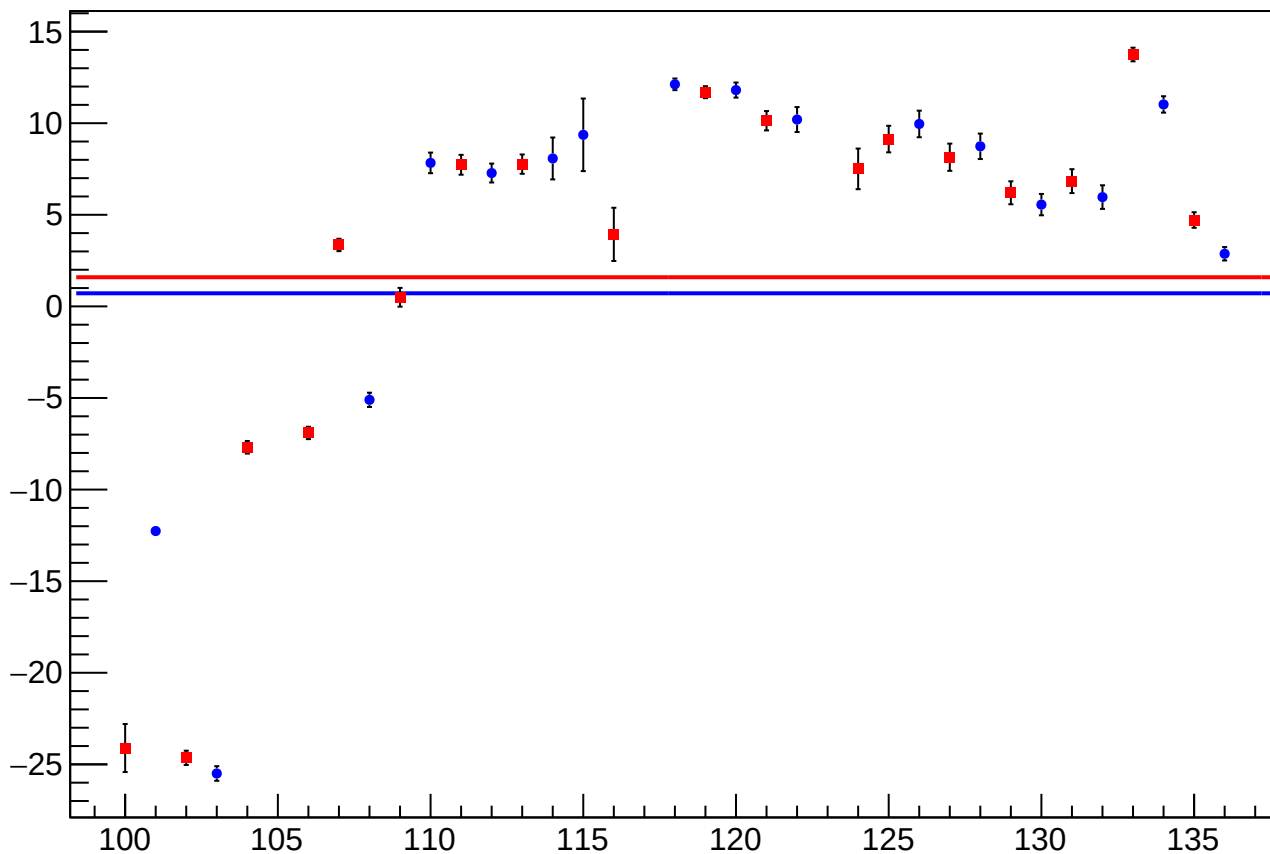
Right: 4.352+/-0.080 χ^2/NDF : 6811.5/33

In: 4.435+/-0.117 χ^2/NDF : 2622.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.352+/-0.080 χ^2/NDF : 6811.5/33

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: 1.591+/-0.112 χ^2/NDF : 9250.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

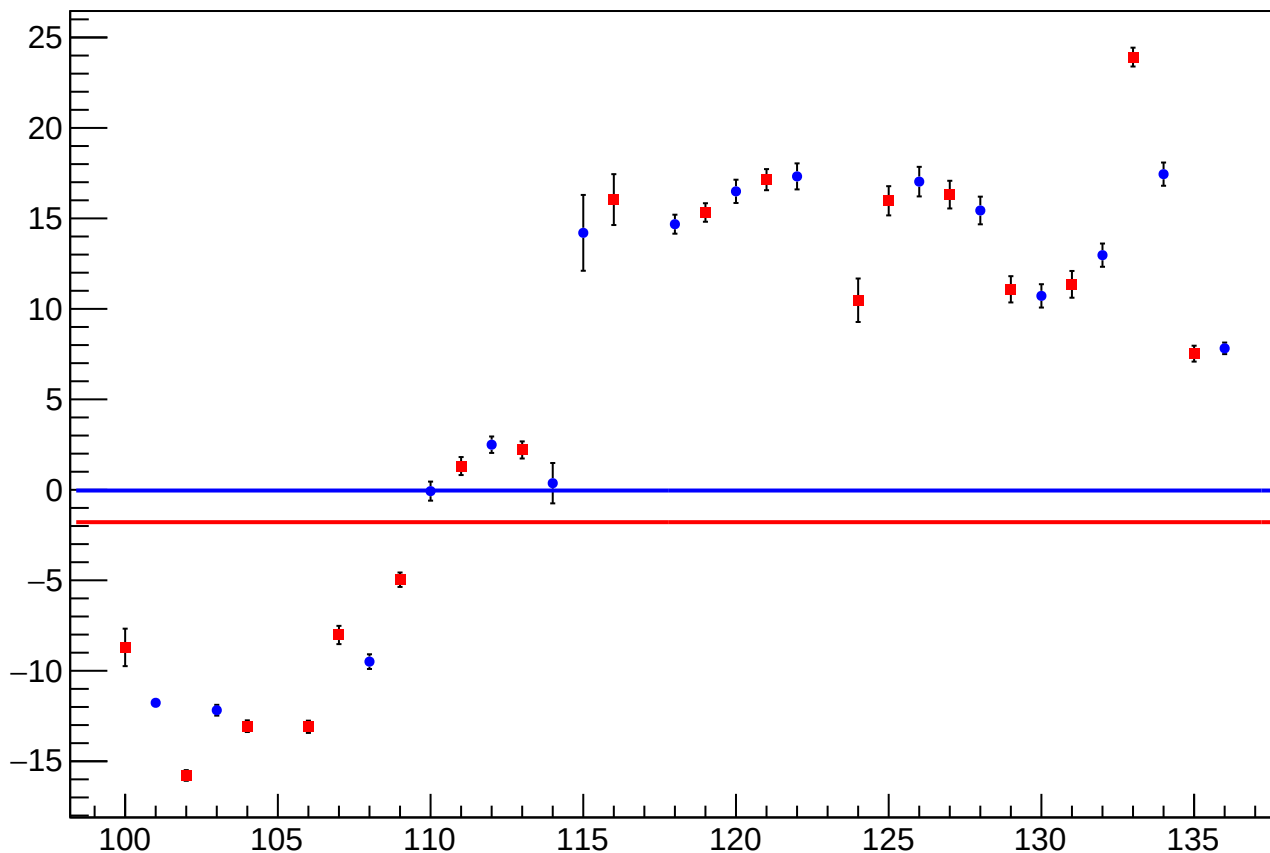
Right: 1.167+/-0.081 χ^2/NDF : 19733.8/33

In: 0.715+/-0.116 χ^2/NDF : 10454.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.167+/-0.081 χ^2/NDF : 19733.8/33

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: -1.787+/-0.117 χ^2/NDF : 11953.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

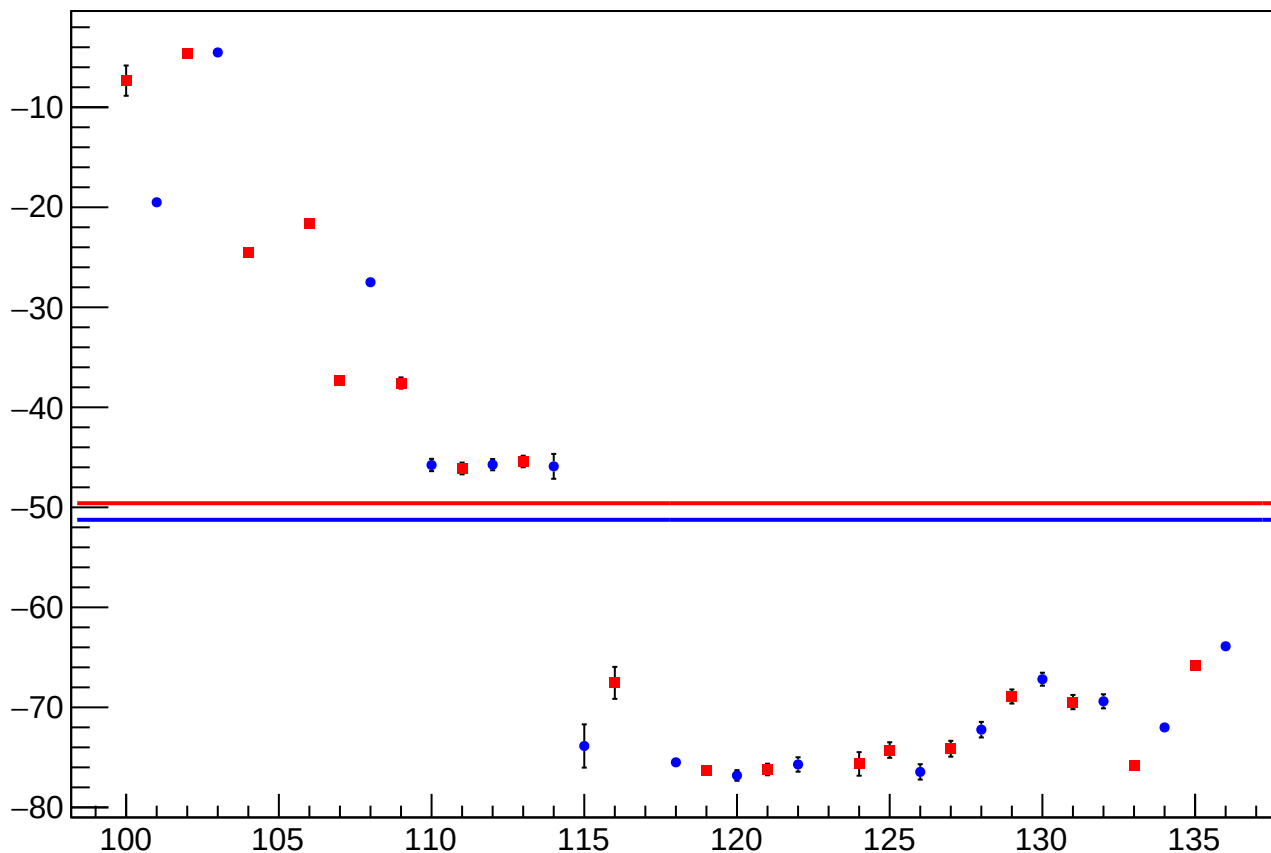
Right: -0.931+/-0.083 χ^2/NDF : 21337.4/33

In: -0.038+/-0.119 χ^2/NDF :9274.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.931+/-0.083 χ^2/NDF : 21337.4/33

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -51.246+/-0.136 χ^2/NDF : 33765.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -49.592+/-0.132 χ^2/NDF : 33563.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

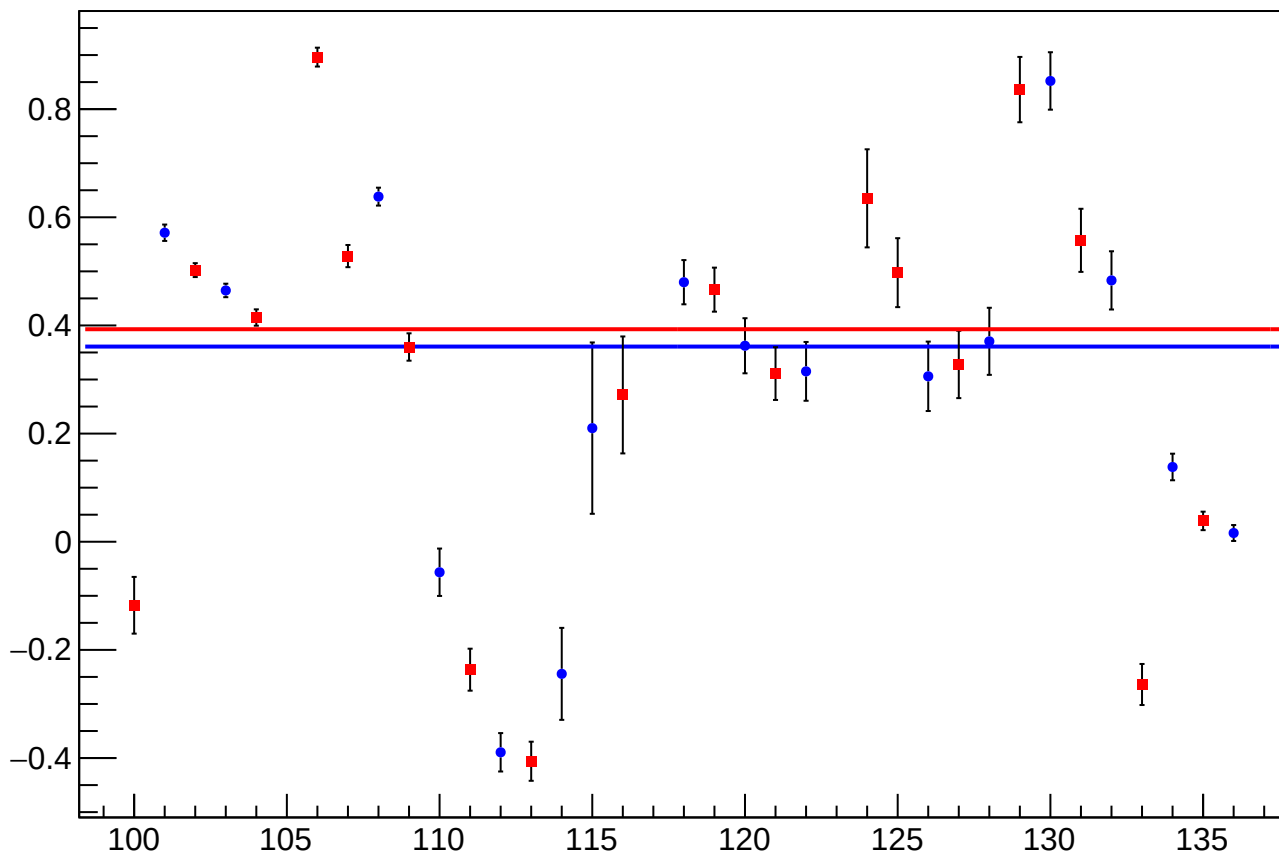
Right: -50.398+/-0.095 χ^2/NDF : 67405.2/33

In: -51.246+/-0.136 χ^2/NDF :33765.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -50.398+/-0.095 χ^2/NDF : 67405.2/33

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: 0.393 $\pm$ 0.006 χ^2 /NDF: 2605.7/17

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

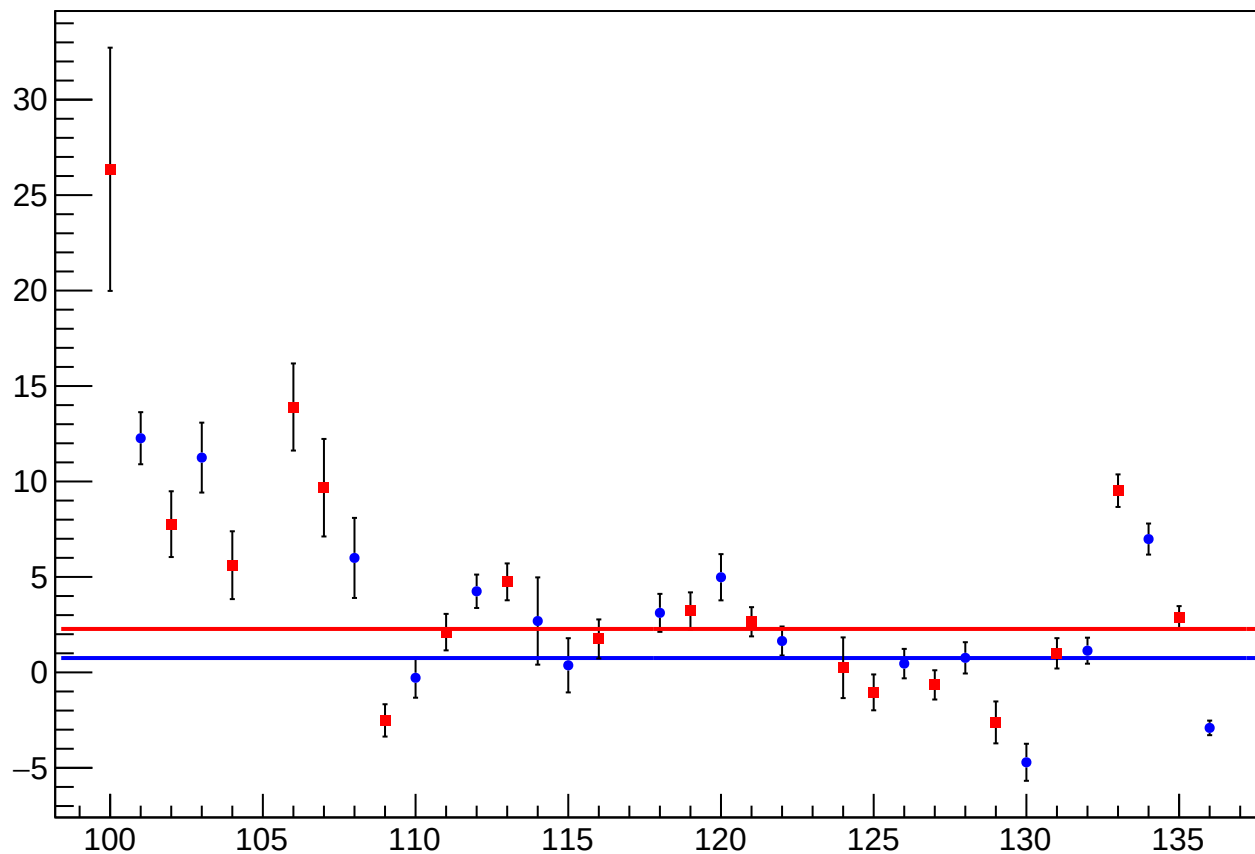
Right: 0.377 $\pm$ 0.004 χ^2 /NDF: 4478.7/33

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: 0.377 $\pm$ 0.004 χ^2 /NDF: 4478.7/33

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: 2.276 $\pm$ 0.233 χ^2 /NDF: 226.8/17

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

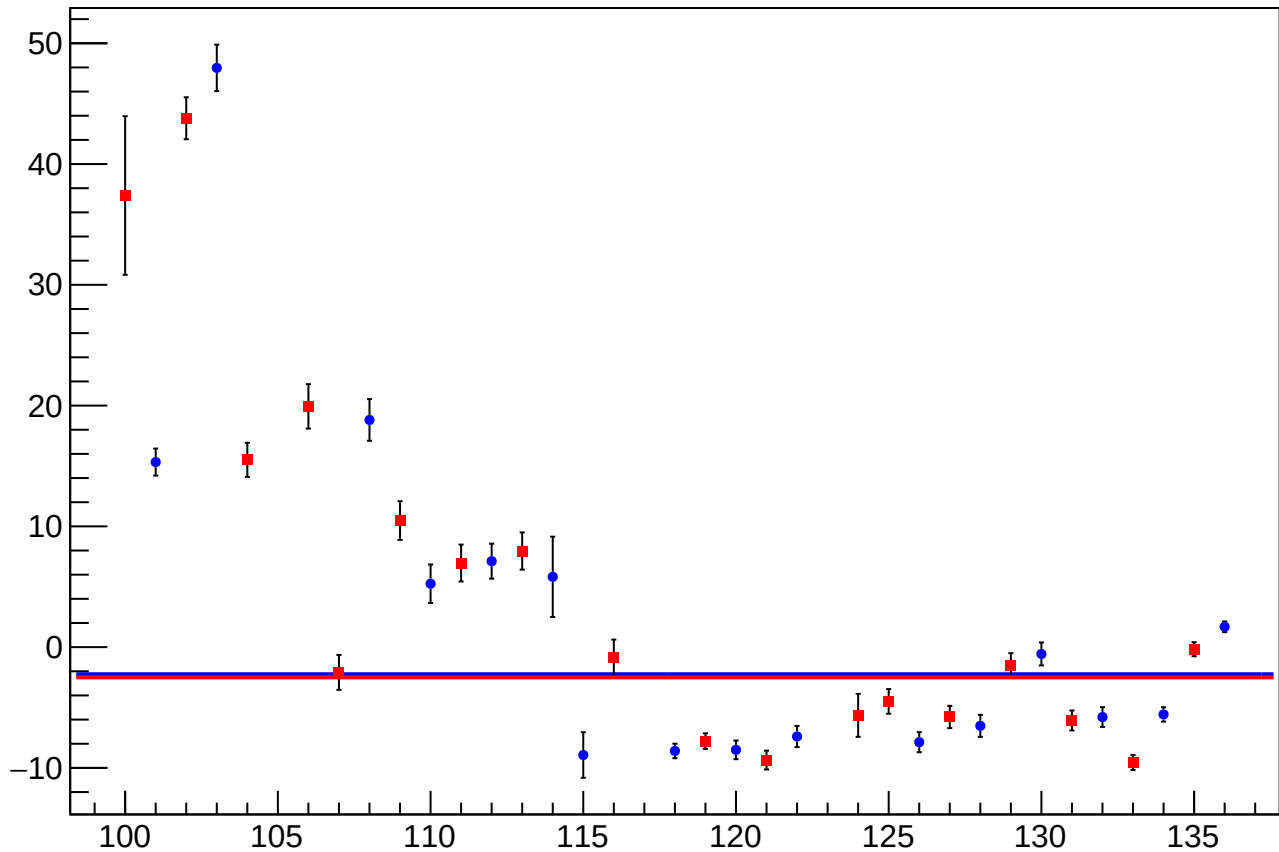
Right: 1.442 $\pm$ 0.157 χ^2 /NDF: 580.3/33

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: 1.442 $\pm$ 0.157 χ^2 /NDF: 580.3/33

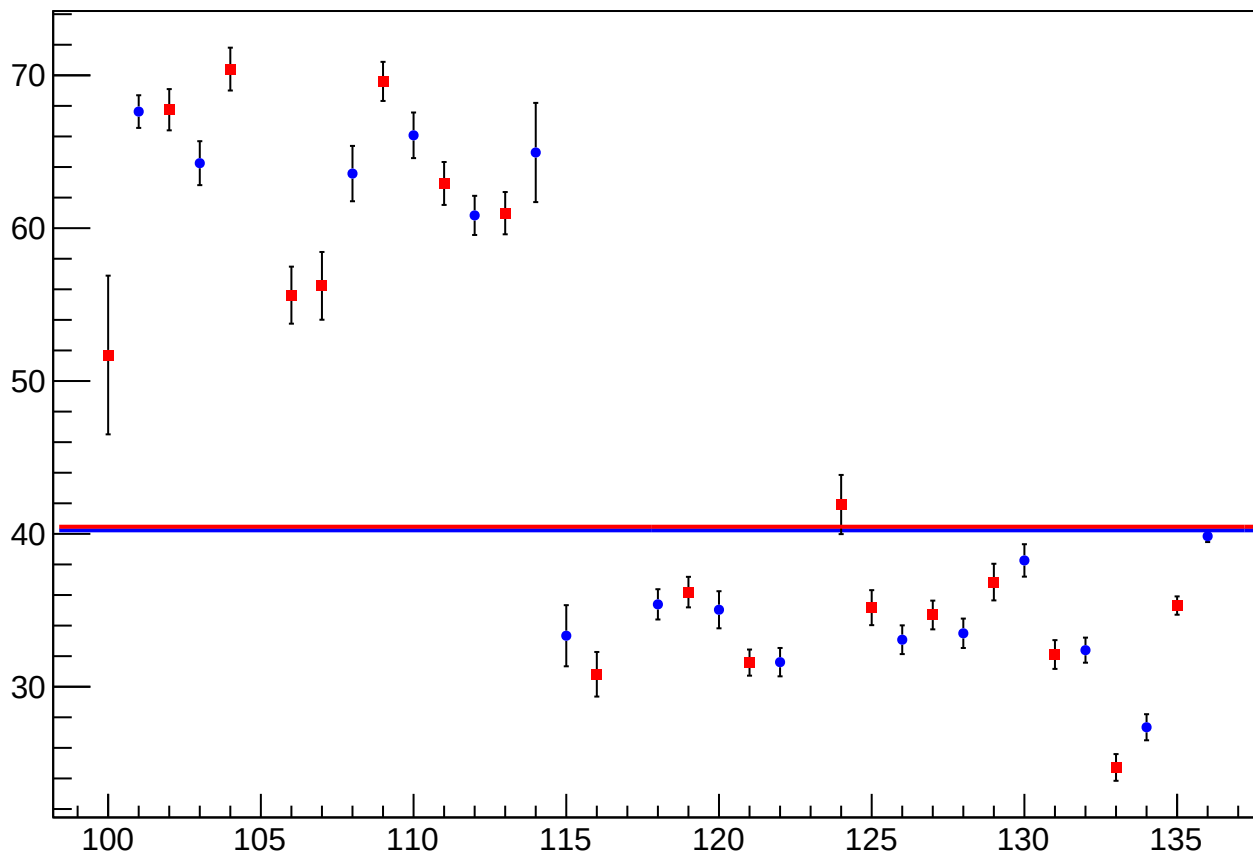
reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -2.245 $\pm$ 0.215 χ^2 /NDF: 1572.5/15
 Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 Right Out: -2.505 $\pm$ 0.237 χ^2 /NDF: 1537.5/17
 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: -2.363 $\pm$ 0.159 χ^2 /NDF: 3110.6/33
 In: -2.245 $\pm$ 0.215 χ^2 /NDF:1572.5/15
 Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0
 All: -2.363 $\pm$ 0.159 χ^2 /NDF: 3110.6/33

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: 40.468+/-0.266 χ^2/NDF : 2698.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

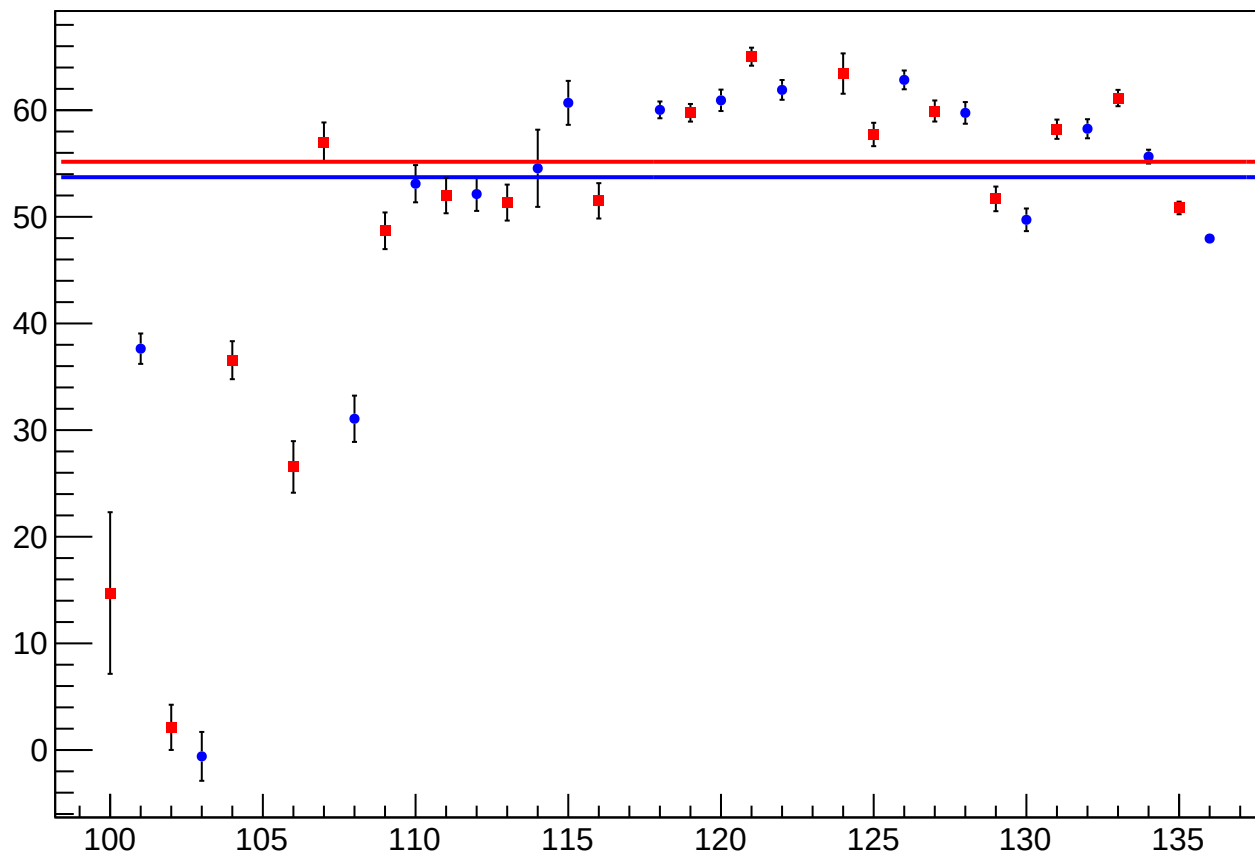
Right: 40.334+/-0.175 χ^2/NDF : 4989.5/33

In: 40.232+/-0.231 χ^2/NDF : 2291.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.334+/-0.175 χ^2/NDF : 4989.5/33

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 53.715 $\pm$ 0.239 χ^2 /NDF: 1362.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 55.164 $\pm$ 0.267 χ^2 /NDF: 1282.2/17

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

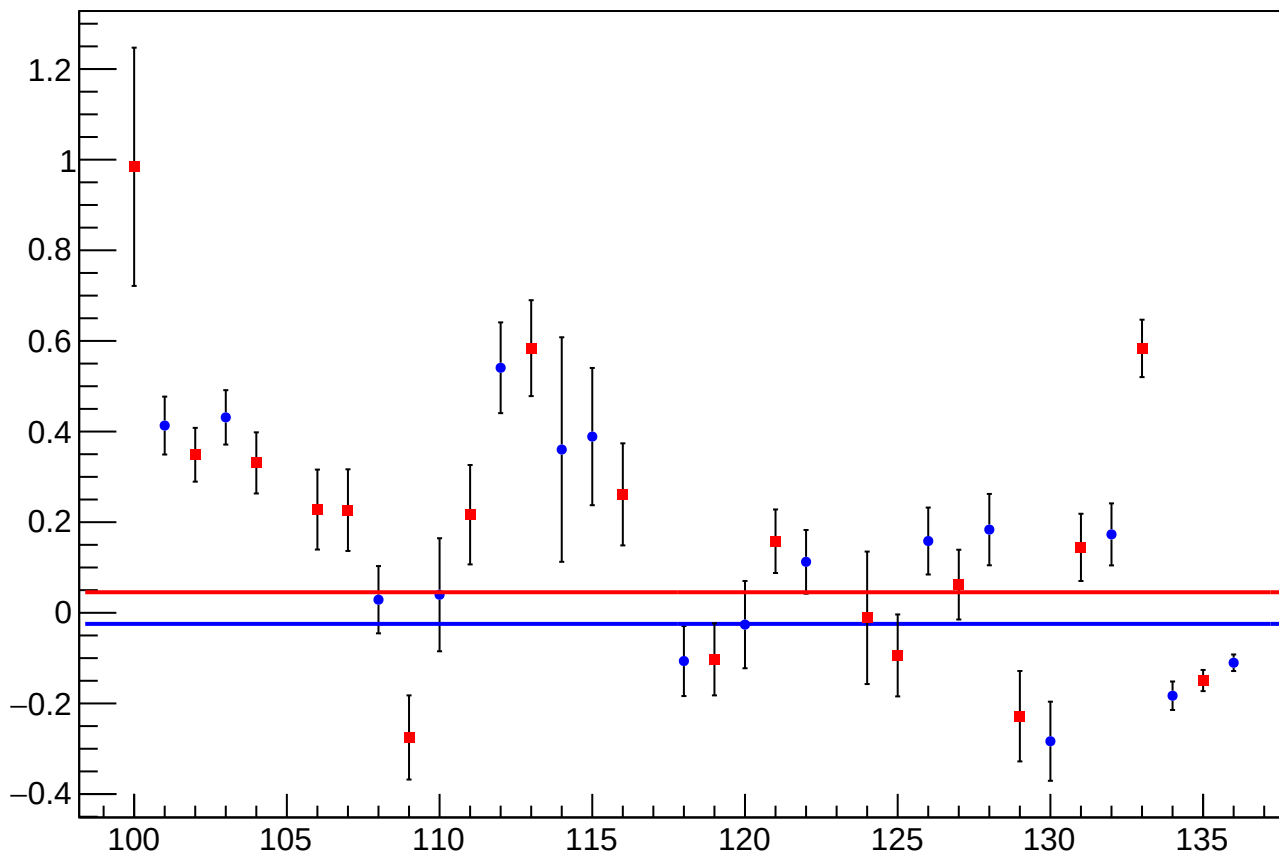
Right: 54.358 $\pm$ 0.178 χ^2 /NDF: 2661.2/33

In: 53.715 $\pm$ 0.239 χ^2 /NDF:1362.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 54.358 $\pm$ 0.178 χ^2 /NDF: 2661.2/33

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: 0.045 ± 0.015 χ^2/NDF : 268.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

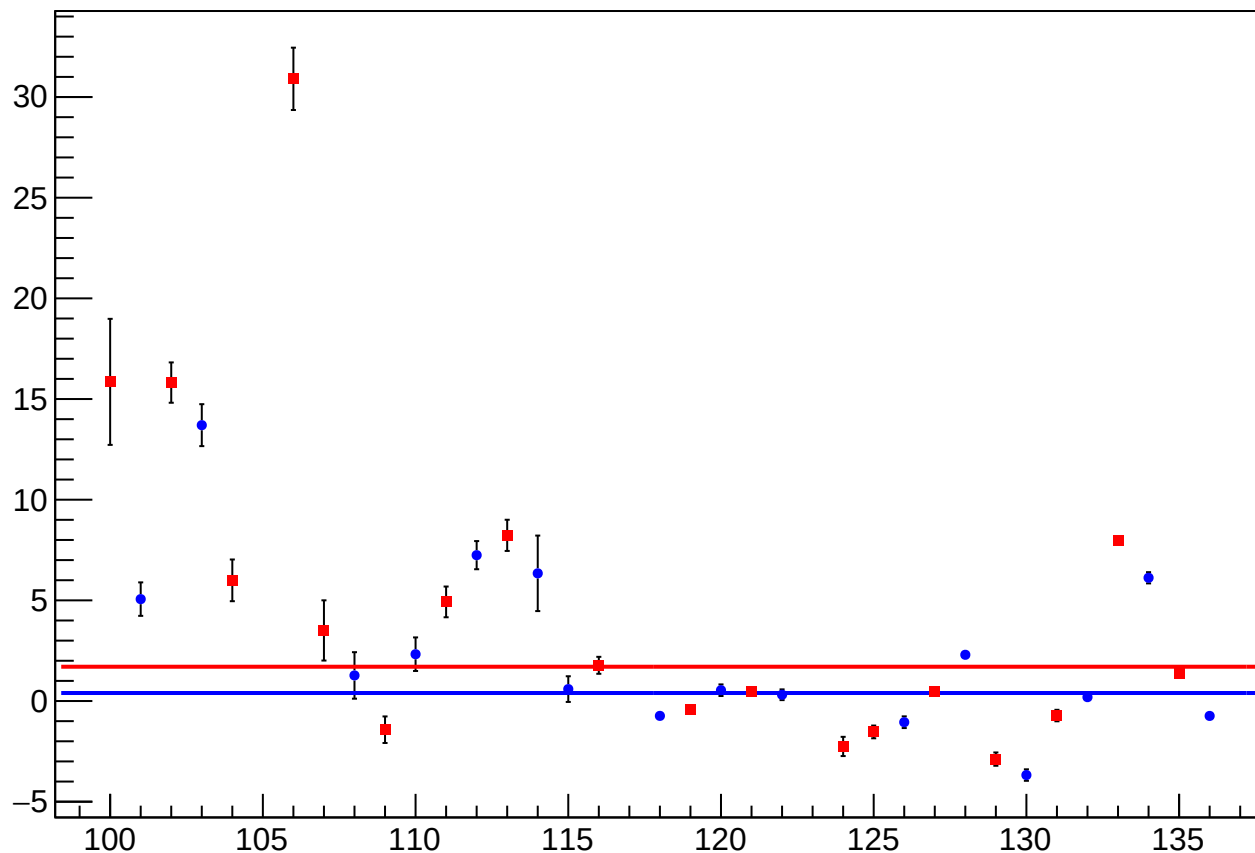
Right: 0.004 ± 0.010 χ^2/NDF : 510.6/33

In: -0.024 ± 0.013 χ^2/NDF : 229.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.004 ± 0.010 χ^2/NDF : 510.6/33

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: 1.704+/-0.081 χ^2/NDF : 2343.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

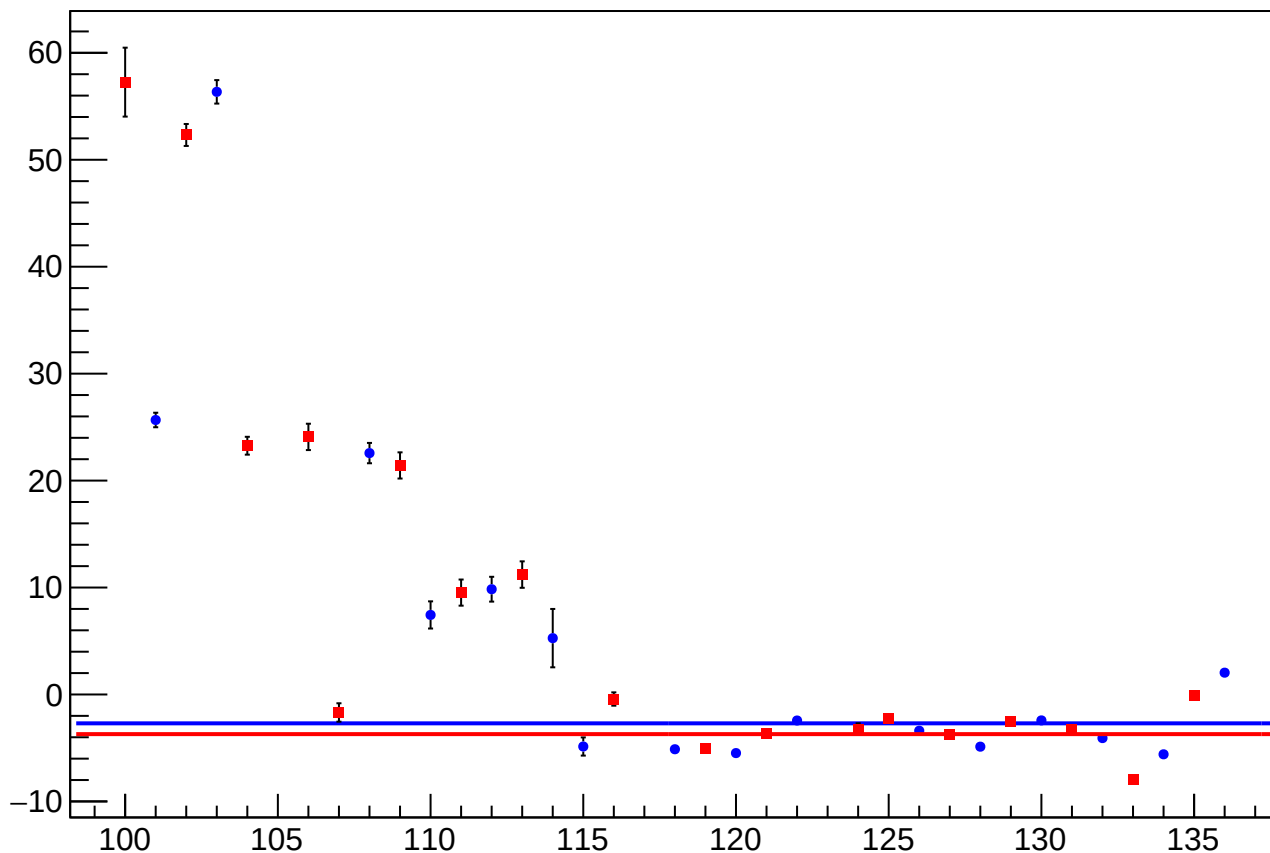
Right: 1.020+/-0.056 χ^2/NDF : 3577.3/33

In: 0.398+/-0.077 χ^2/NDF :1097.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.020+/-0.056 χ^2/NDF : 3577.3/33

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: -3.707+/-0.072 χ^2 /NDF: 6915.8/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

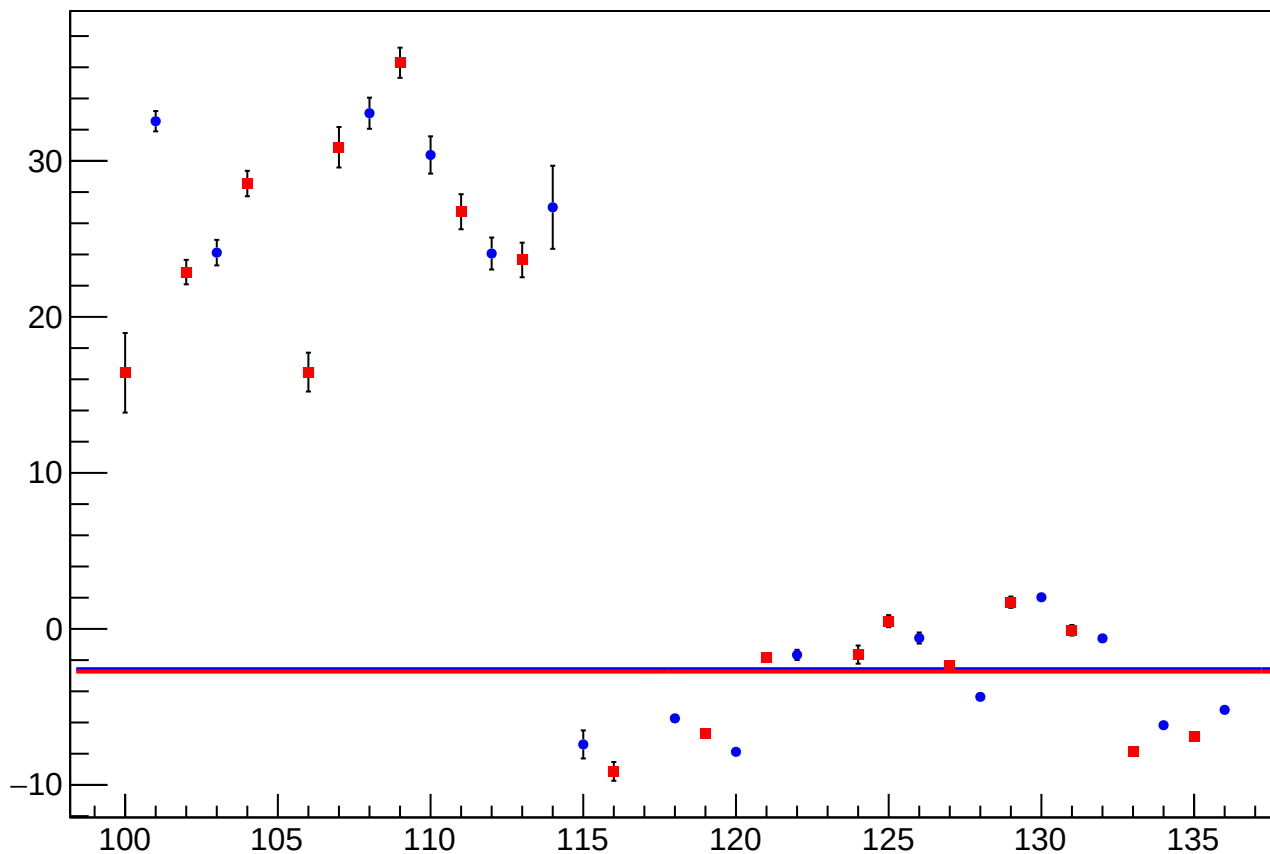
Right: -3.192+/-0.051 χ^2 /NDF: 14119.0/33

In: -2.699+/-0.071 χ^2 /NDF:7103.8/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -3.192+/-0.051 χ^2 /NDF: 14119.0/33

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: -2.735+/-0.088 χ^2 /NDF: 8120.7/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

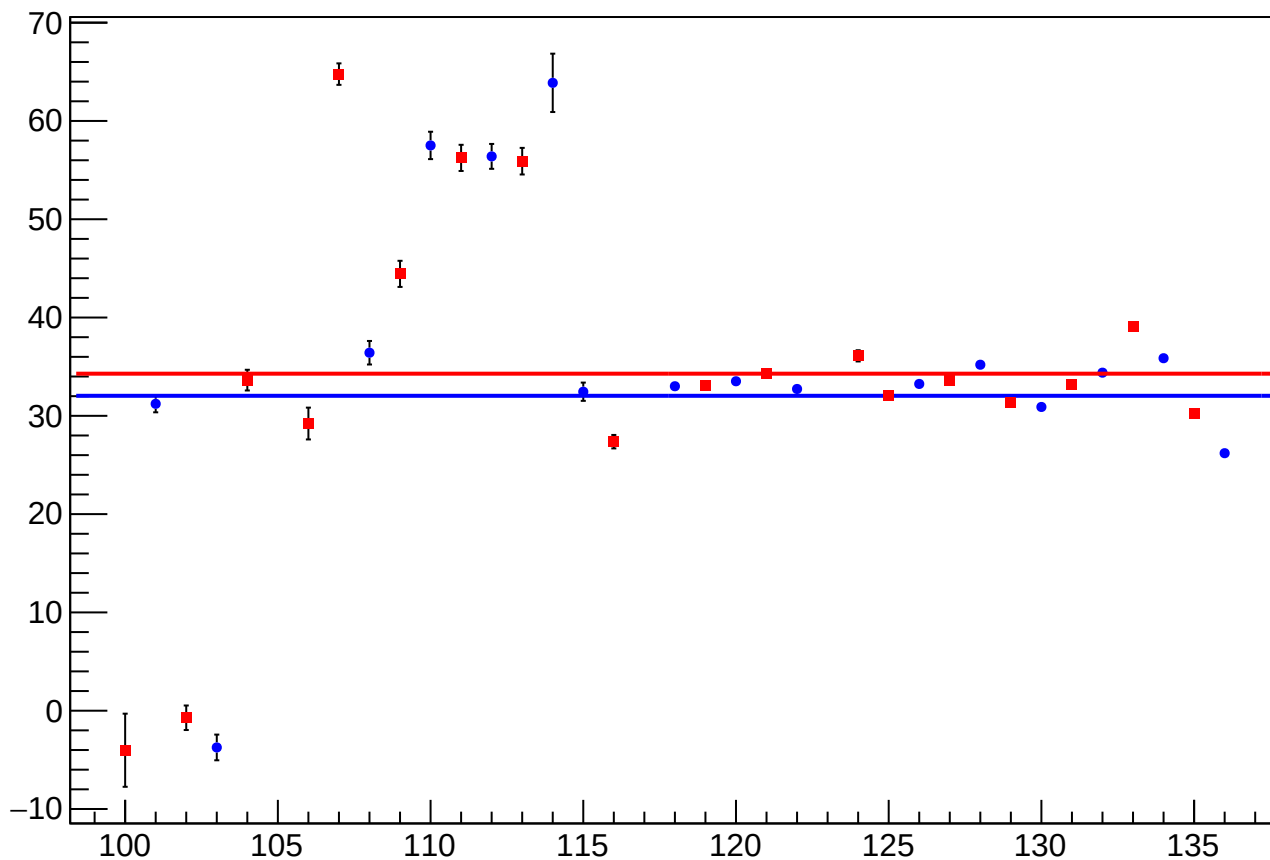
Right: -2.654+/-0.061 χ^2 /NDF: 16282.0/33

In: -2.582+/-0.083 χ^2 /NDF:8159.7/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -2.654+/-0.061 χ^2 /NDF: 16282.0/33

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: 34.288+/-0.084 χ^2/NDF : 3656.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

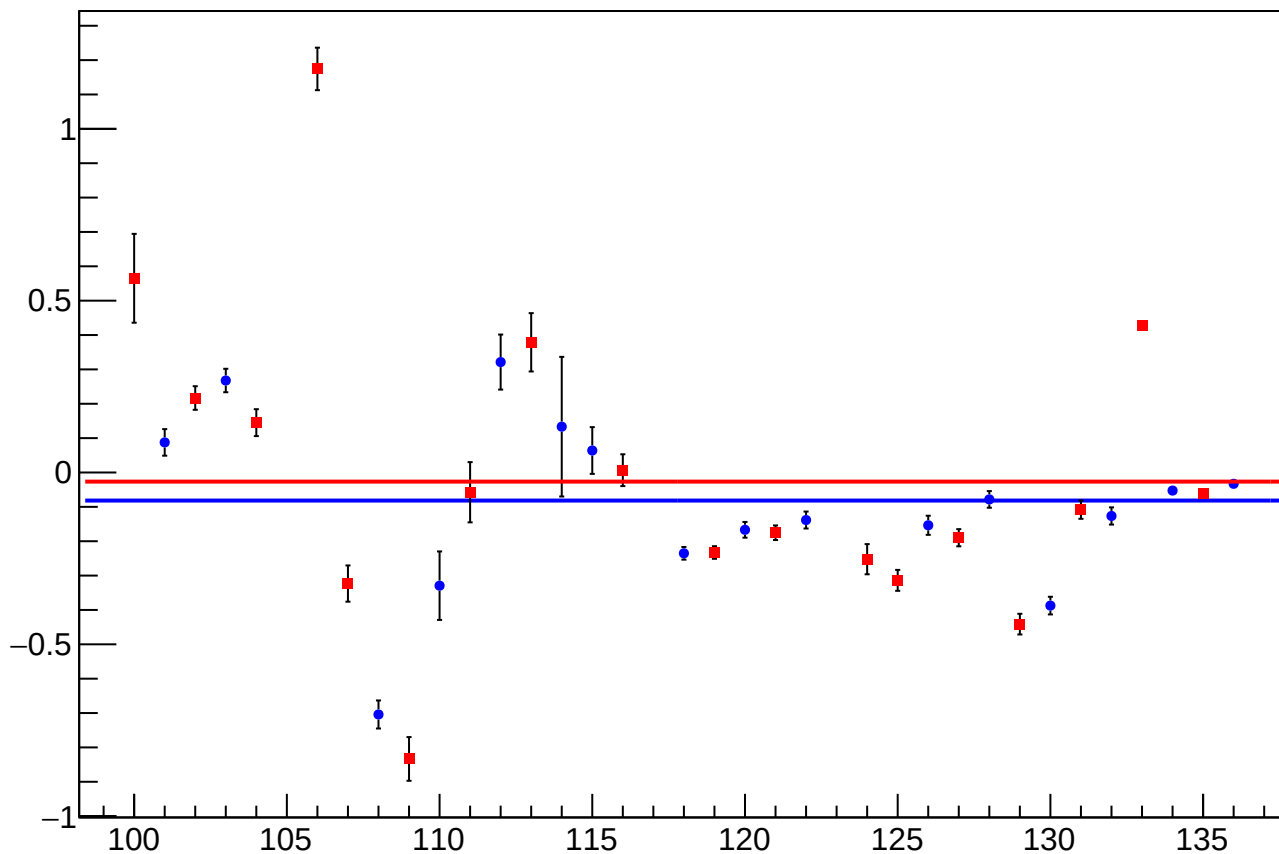
Right: 33.129+/-0.058 χ^2/NDF : 7283.7/33

In: 32.038+/-0.081 χ^2/NDF : 3255.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.129+/-0.058 χ^2/NDF : 7283.7/33

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: -0.027 ± 0.006 χ^2/NDF : 2257.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

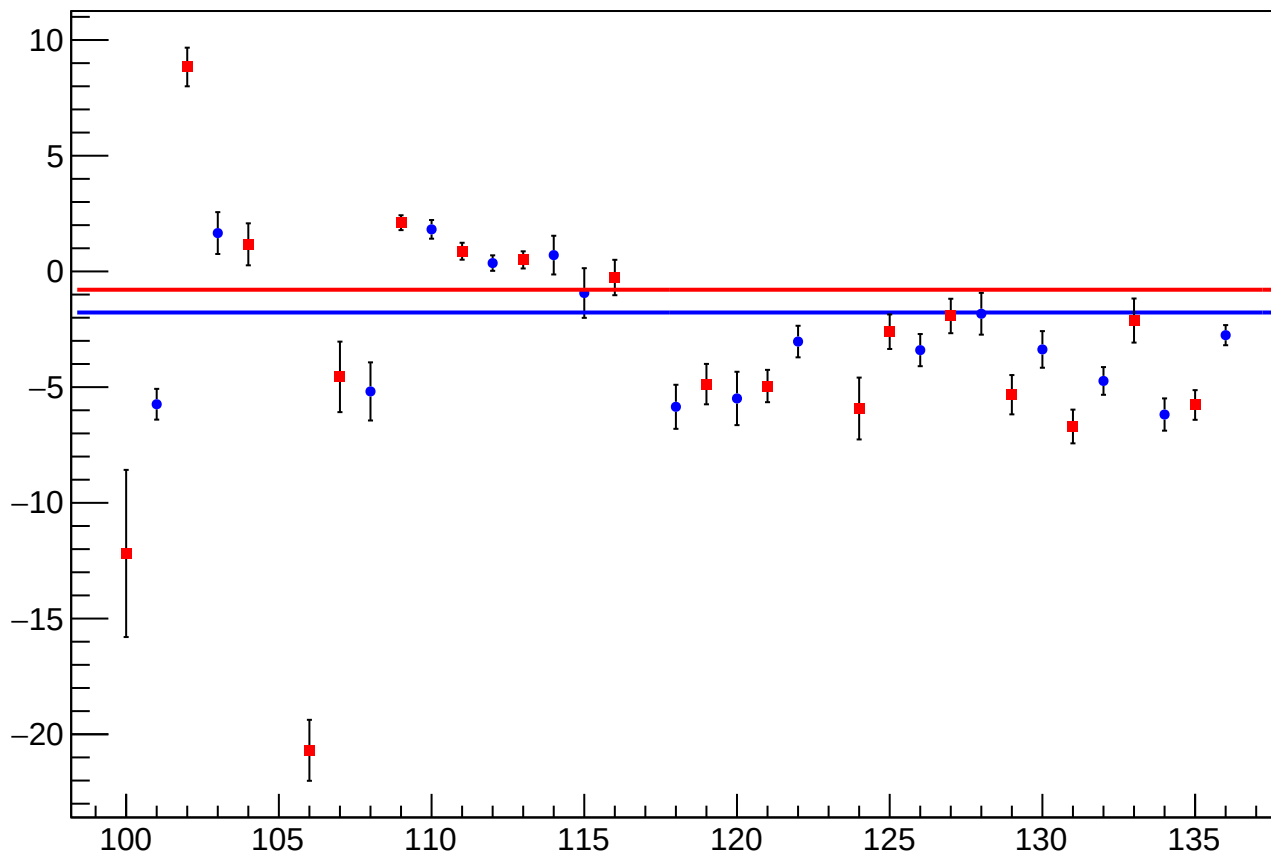
Right: -0.058 ± 0.004 χ^2/NDF : 3003.0/33

In: -0.082 ± 0.005 χ^2/NDF : 689.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.058 ± 0.004 χ^2/NDF : 3003.0/33

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: -0.791 ± 0.150 χ^2/NDF : 733.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

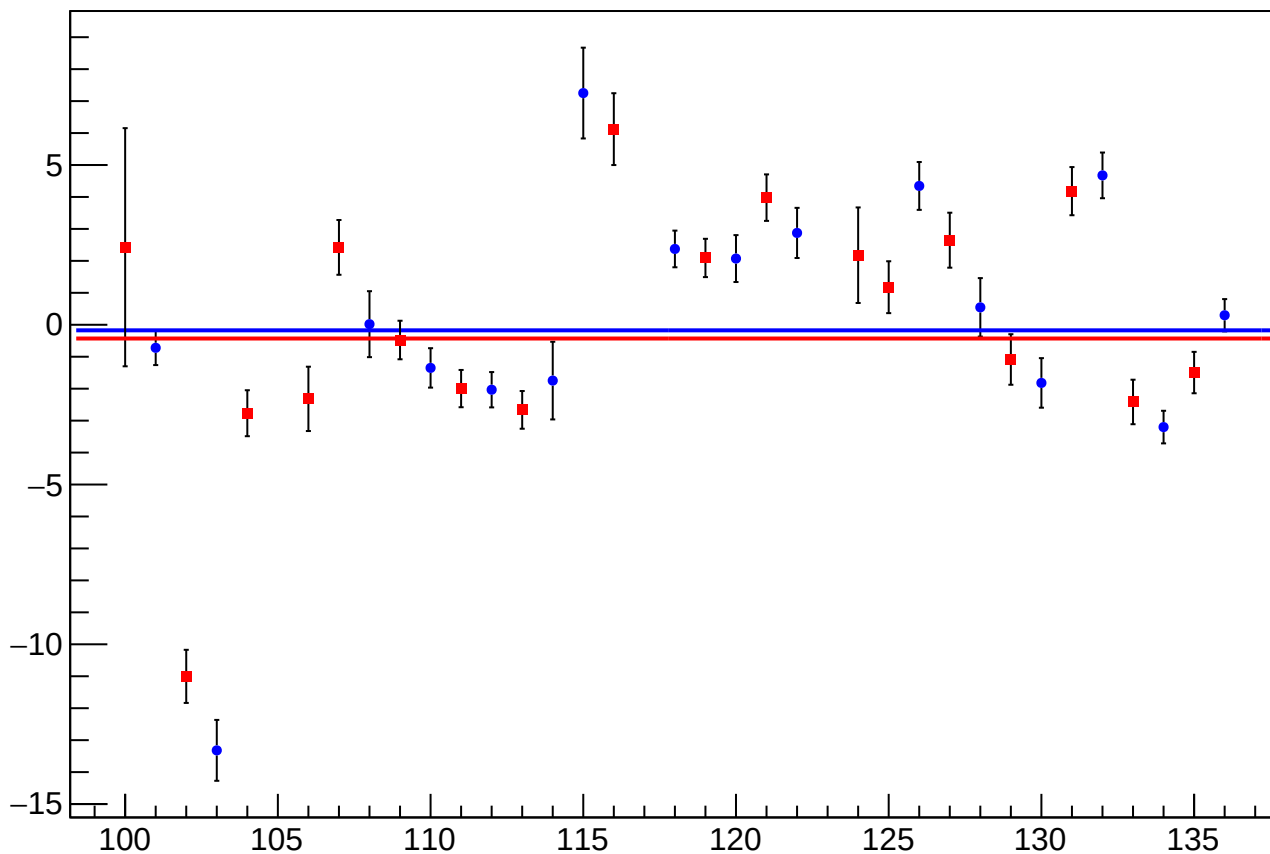
Right: -1.261 ± 0.109 χ^2/NDF : 1051.6/33

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 ± 0.109 χ^2/NDF : 1051.6/33

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: -0.430 ± 0.180 χ^2/NDF : 366.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

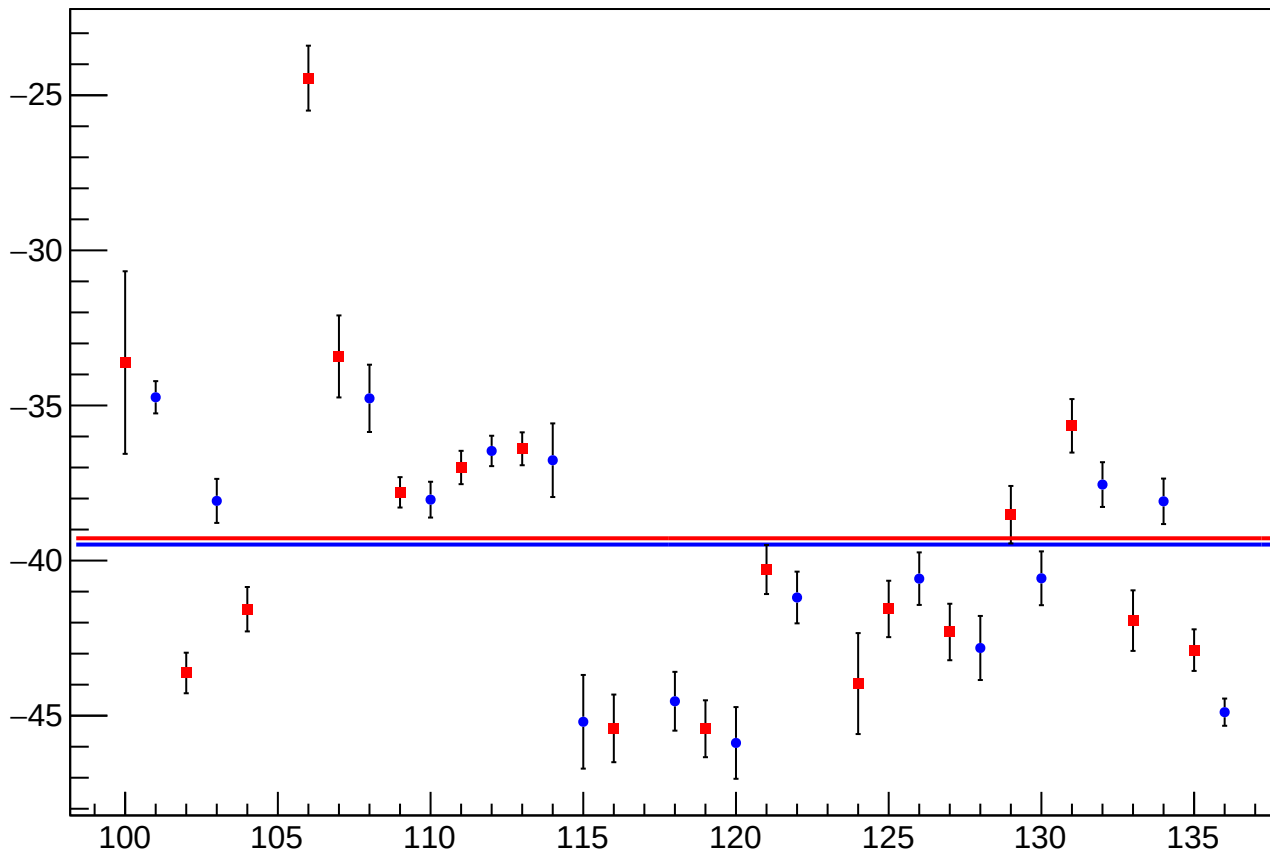
Right: -0.297 ± 0.125 χ^2/NDF : 770.4/33

In: -0.174 ± 0.173 χ^2/NDF : 403.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.297 ± 0.125 χ^2/NDF : 770.4/33

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: -39.281+/-0.185 χ^2/NDF : 493.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

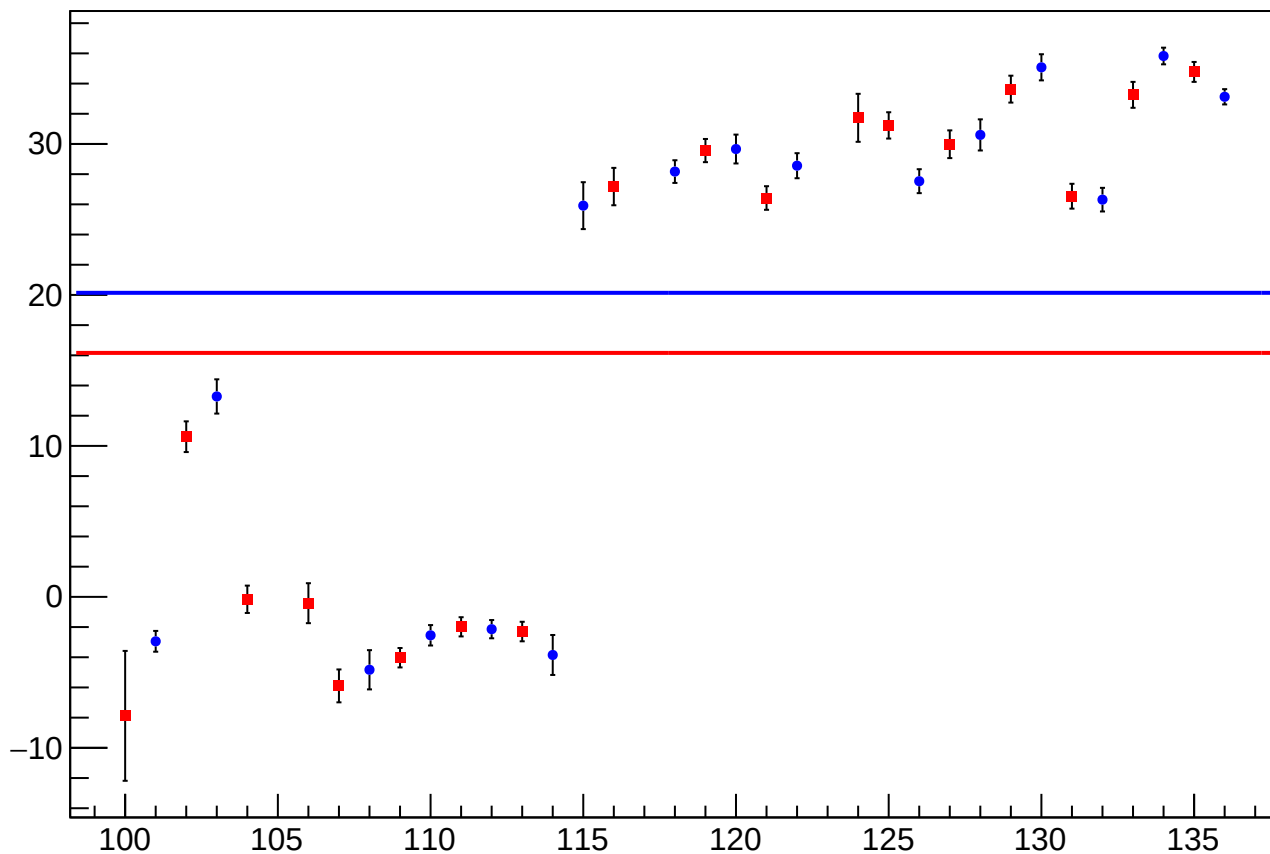
Right: -39.385+/-0.129 χ^2/NDF : 903.5/33

In: -39.484+/-0.180 χ^2/NDF : 409.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -39.385+/-0.129 χ^2/NDF : 903.5/33

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: 16.160+/-0.203 χ^2/NDF : 6476.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

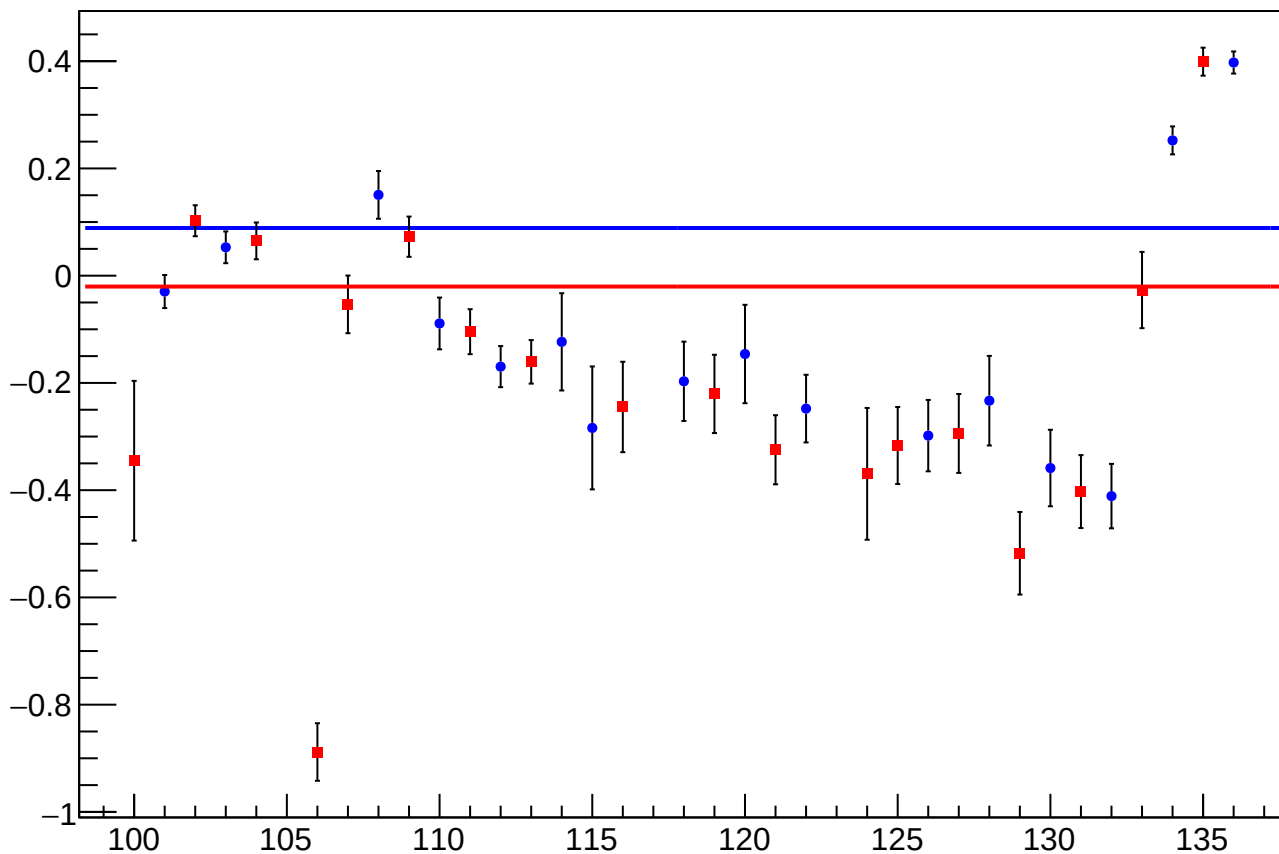
Right: 18.236+/-0.141 χ^2/NDF : 13361.2/33

In: 20.140+/-0.195 χ^2/NDF : 6684.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.236+/-0.141 χ^2/NDF : 13361.2/33

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.089+/-0.010 χ^2/NDF : 563.9/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.020+/-0.011 χ^2/NDF : 720.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

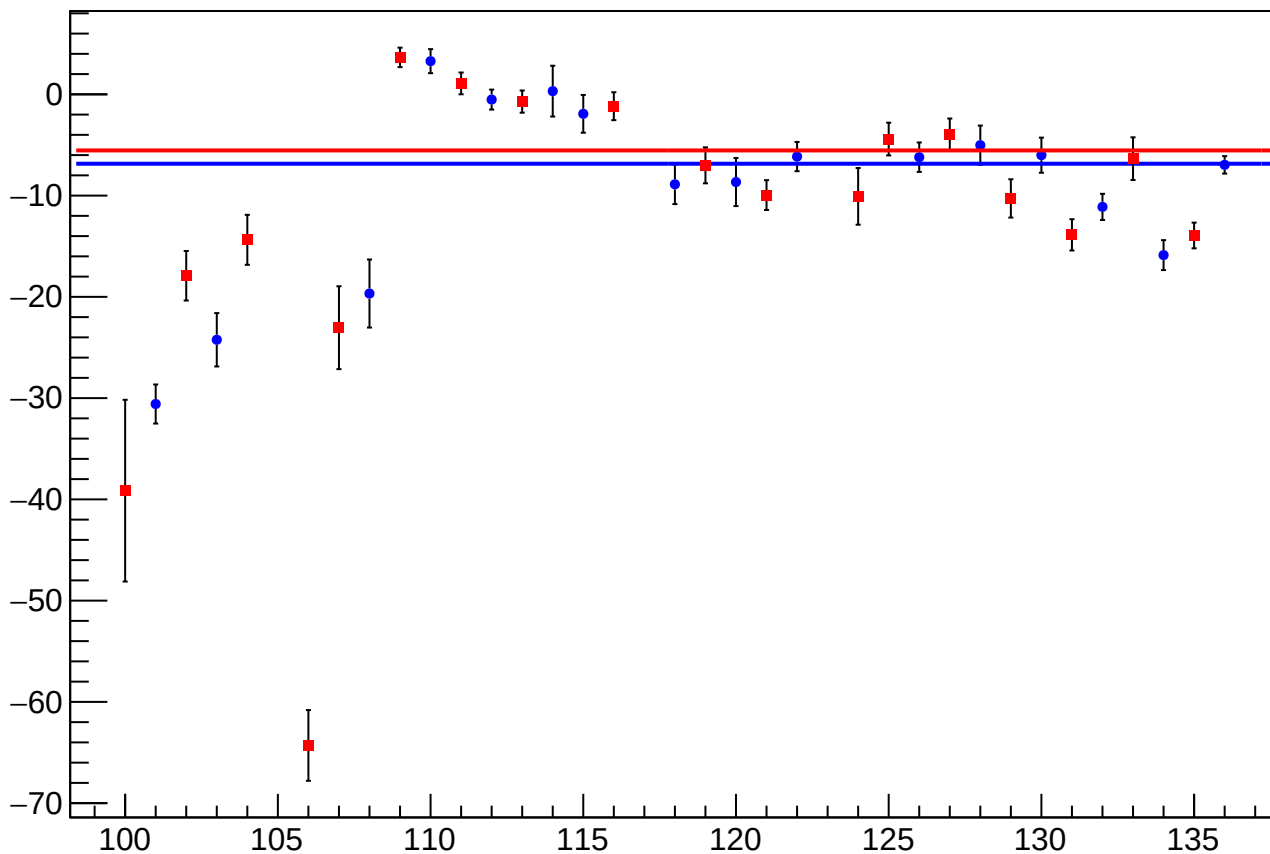
Right: 0.039+/-0.008 χ^2/NDF : 1334.7/33

In: 0.089+/-0.010 χ^2/NDF :563.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.039+/-0.008 χ^2/NDF : 1334.7/33

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: -5.539 ± 0.377 χ^2/NDF : 606.0/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

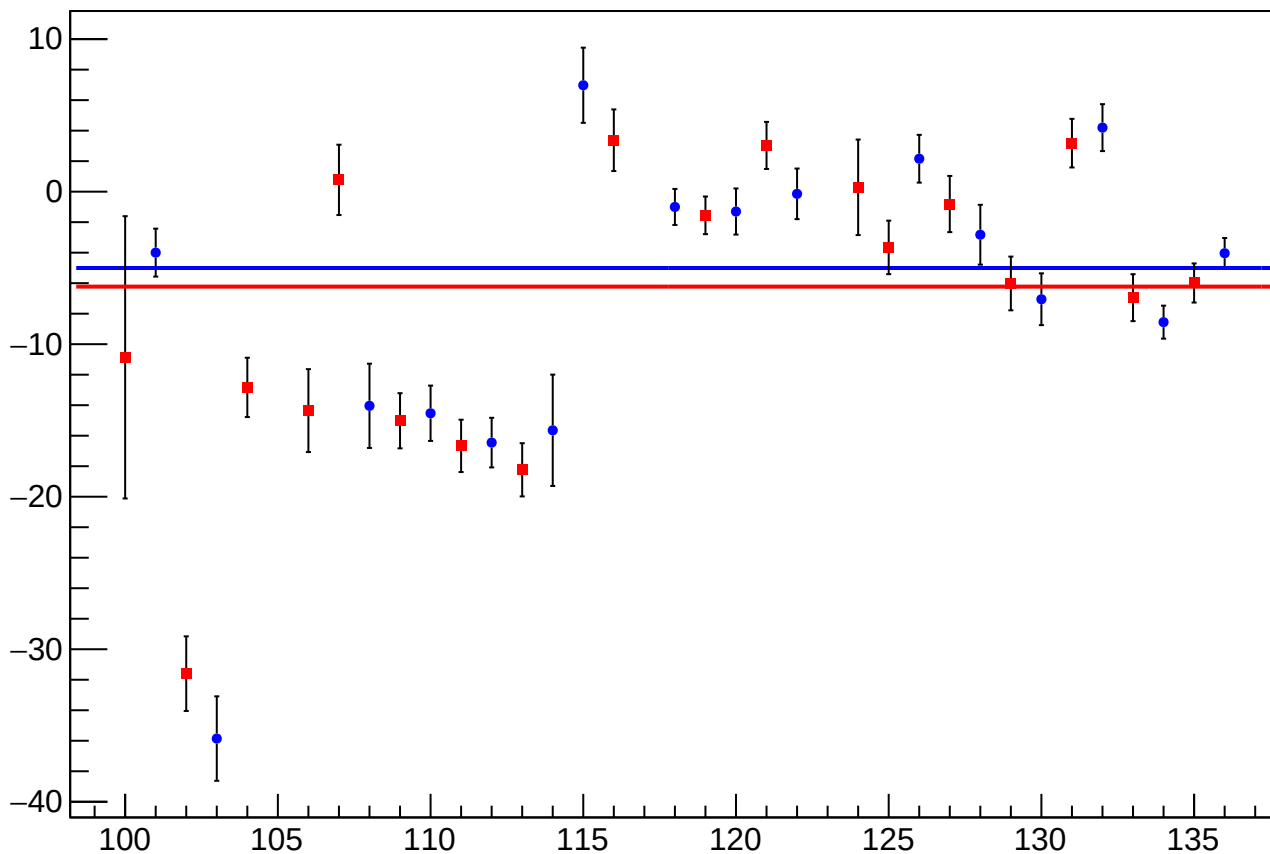
Right: -6.199 ± 0.266 χ^2/NDF : 1002.2/33

In: -6.853 ± 0.376 χ^2/NDF : 390.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.199 ± 0.266 χ^2/NDF : 1002.2/33

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: -6.225 ± 0.425 χ^2/NDF : 368.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

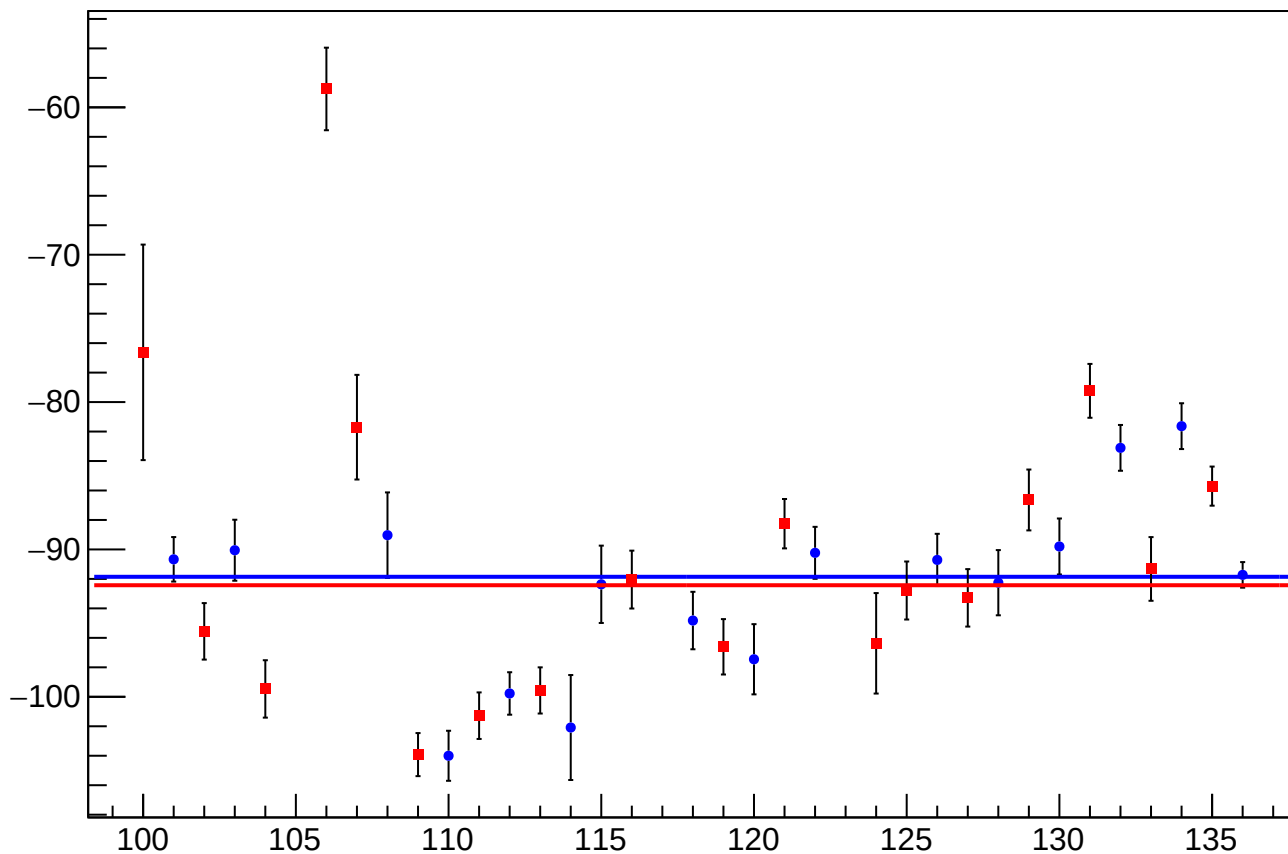
Right: -5.570 ± 0.290 χ^2/NDF : 714.9/33

In: -5.005 ± 0.395 χ^2/NDF : 341.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.570 ± 0.290 χ^2/NDF : 714.9/33

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: -92.429+/-0.454 χ^2/NDF : 386.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

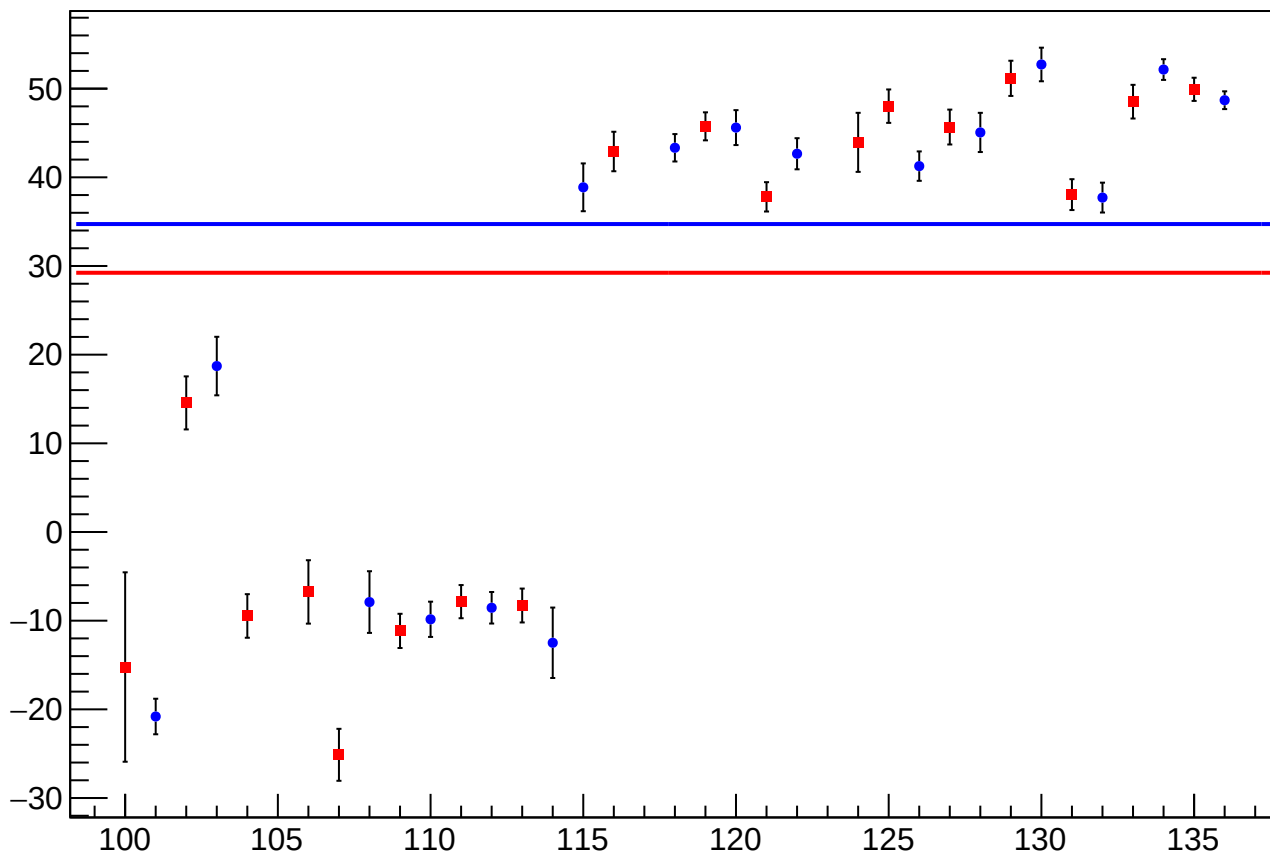
Right: -92.123+/-0.310 χ^2/NDF : 564.9/33

In: -91.856+/-0.424 χ^2/NDF : 177.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -92.123+/-0.310 χ^2/NDF : 564.9/33

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: 29.236+/-0.479 χ^2/NDF : 2816.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

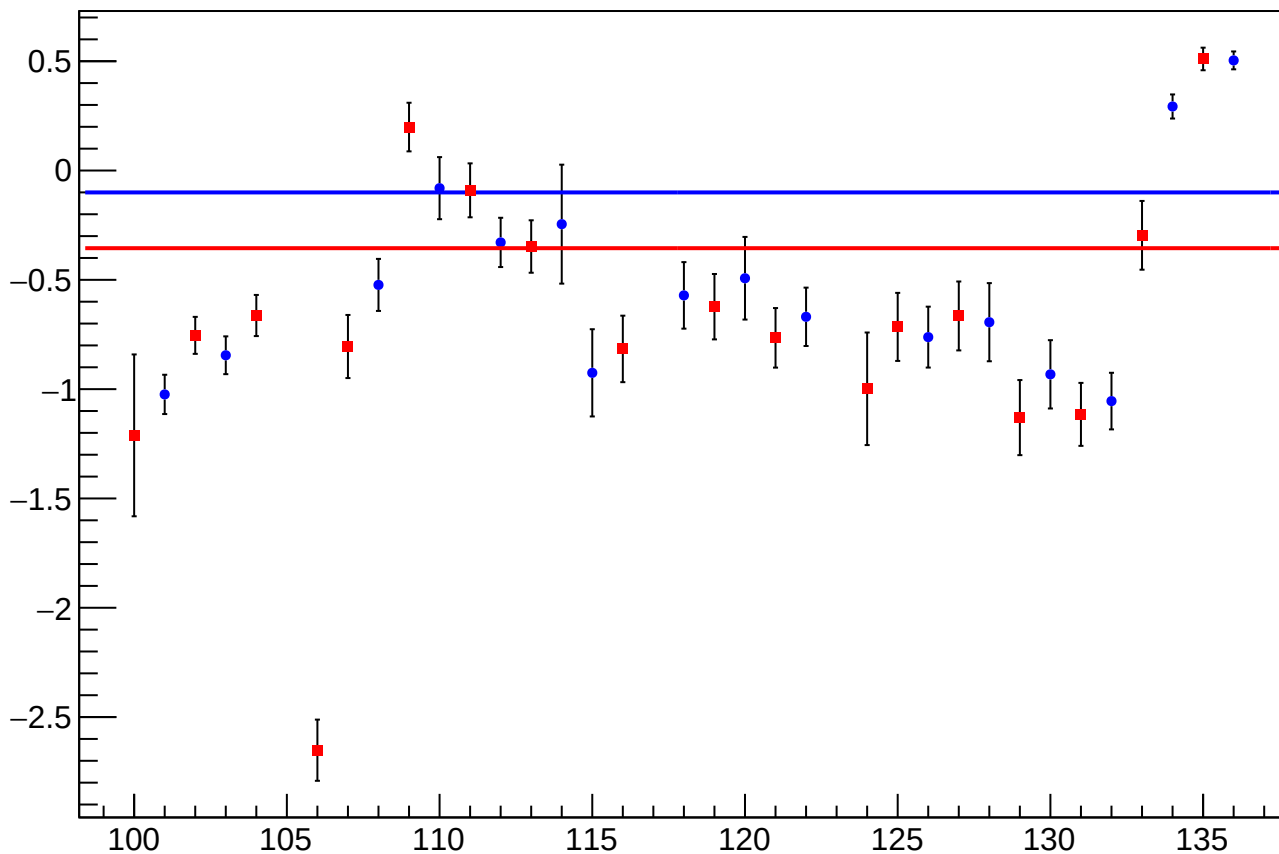
Right: 32.205+/-0.325 χ^2/NDF : 5696.3/33

In: 34.729+/-0.442 χ^2/NDF : 2809.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.205+/-0.325 χ^2/NDF : 5696.3/33

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: -0.355 ± 0.028 χ^2/NDF : 712.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

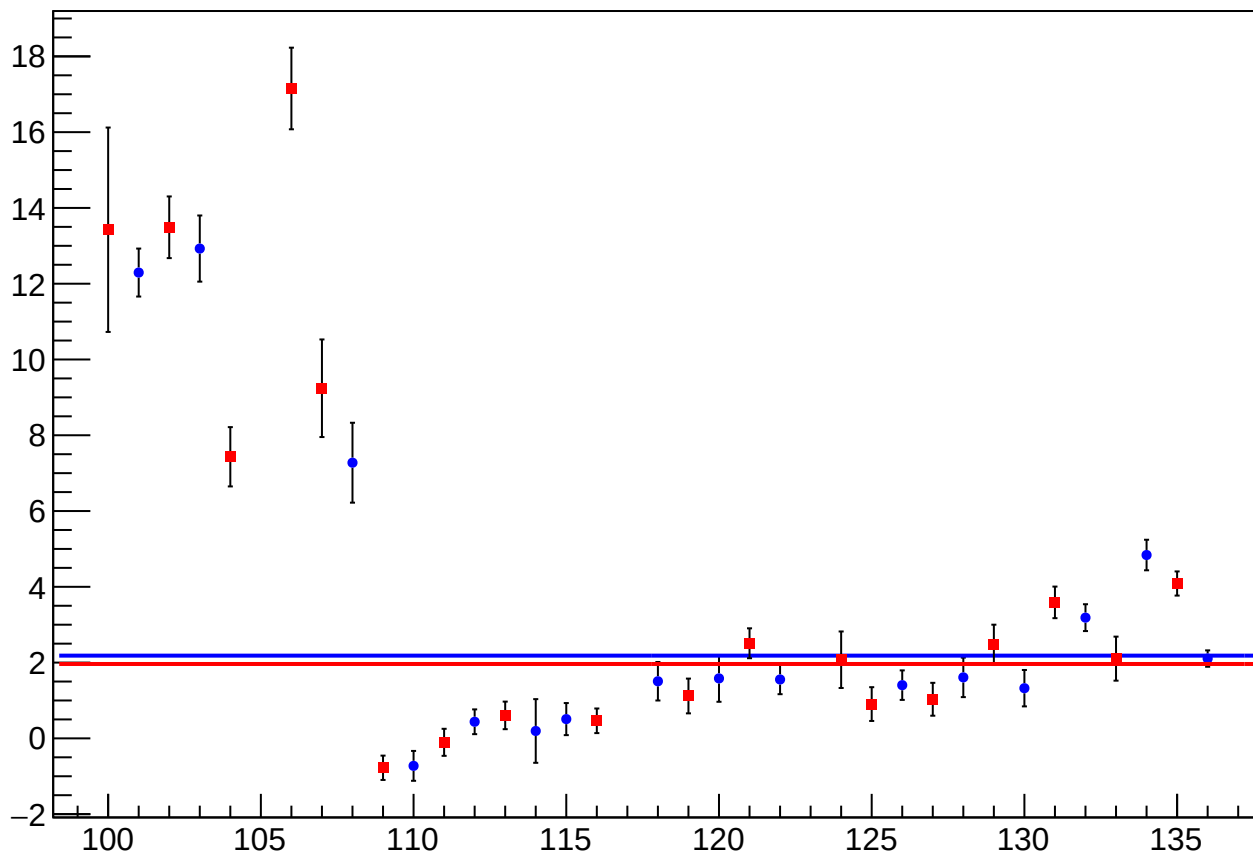
Right: -0.210 ± 0.018 χ^2/NDF : 1392.8/33

In: -0.100 ± 0.024 χ^2/NDF : 631.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.210 ± 0.018 χ^2/NDF : 1392.8/33

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: 1.963+/-0.109 χ^2/NDF : 716.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

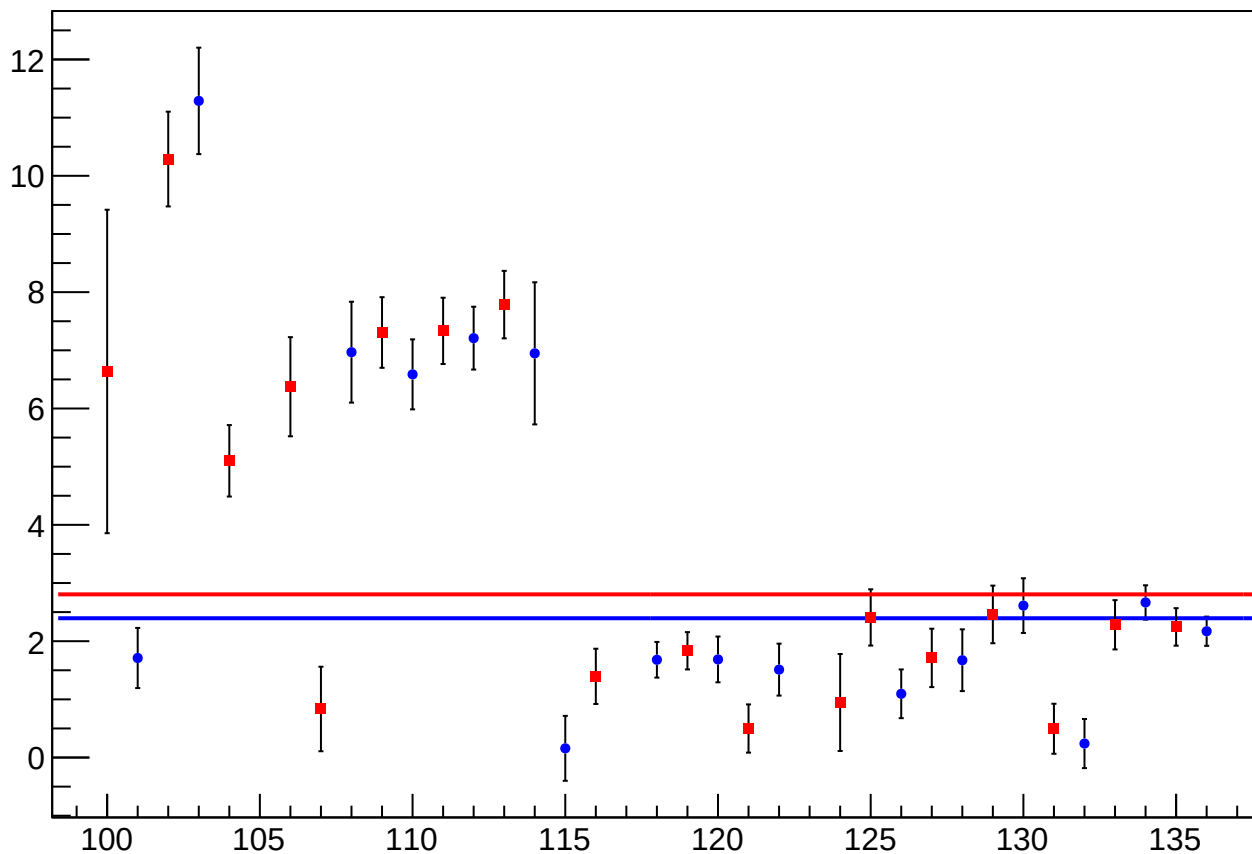
Right: 2.077+/-0.075 χ^2/NDF : 1317.5/33

In: 2.184+/-0.105 χ^2/NDF : 599.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.077+/-0.075 χ^2/NDF : 1317.5/33

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: 2.805 $\pm$ 0.119 χ^2 /NDF: 410.4/17

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

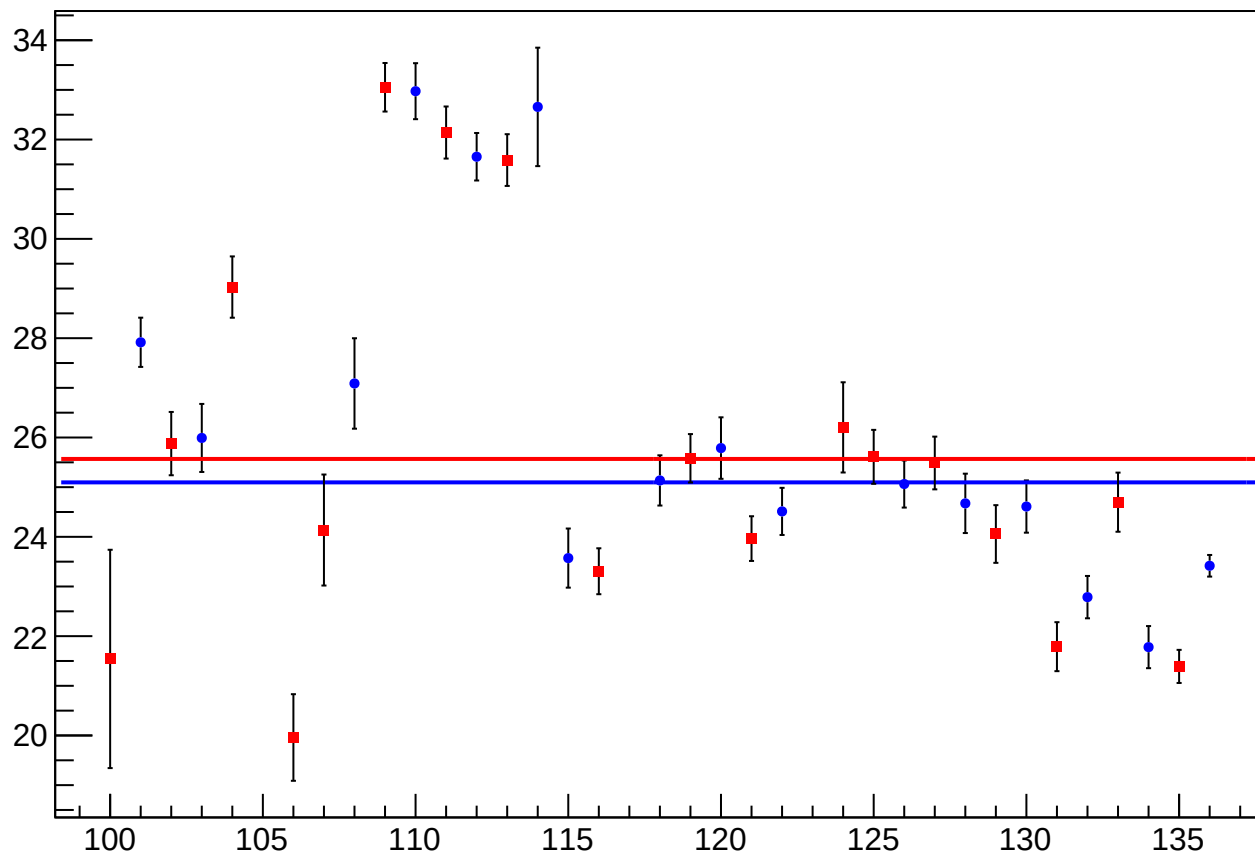
Right: 2.581 $\pm$ 0.080 χ^2 /NDF: 750.8/33

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: 2.581 $\pm$ 0.080 χ^2 /NDF: 750.8/33

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: 25.568+/-0.129 χ^2/NDF : 865.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

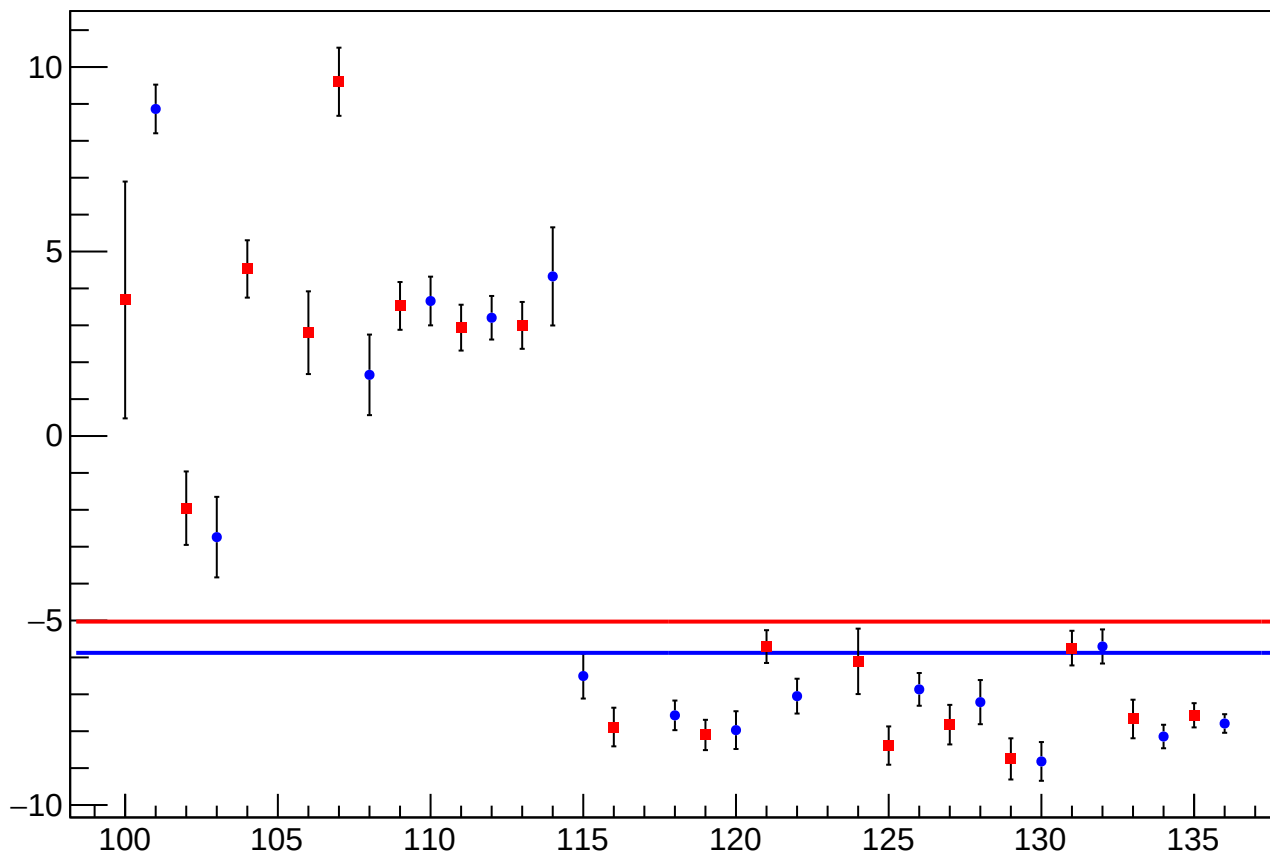
Right: 25.310+/-0.087 χ^2/NDF : 1495.2/33

In: 25.096+/-0.118 χ^2/NDF : 622.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.310+/-0.087 χ^2/NDF : 1495.2/33

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: -5.029+/-0.134 χ^2/NDF : 1257.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

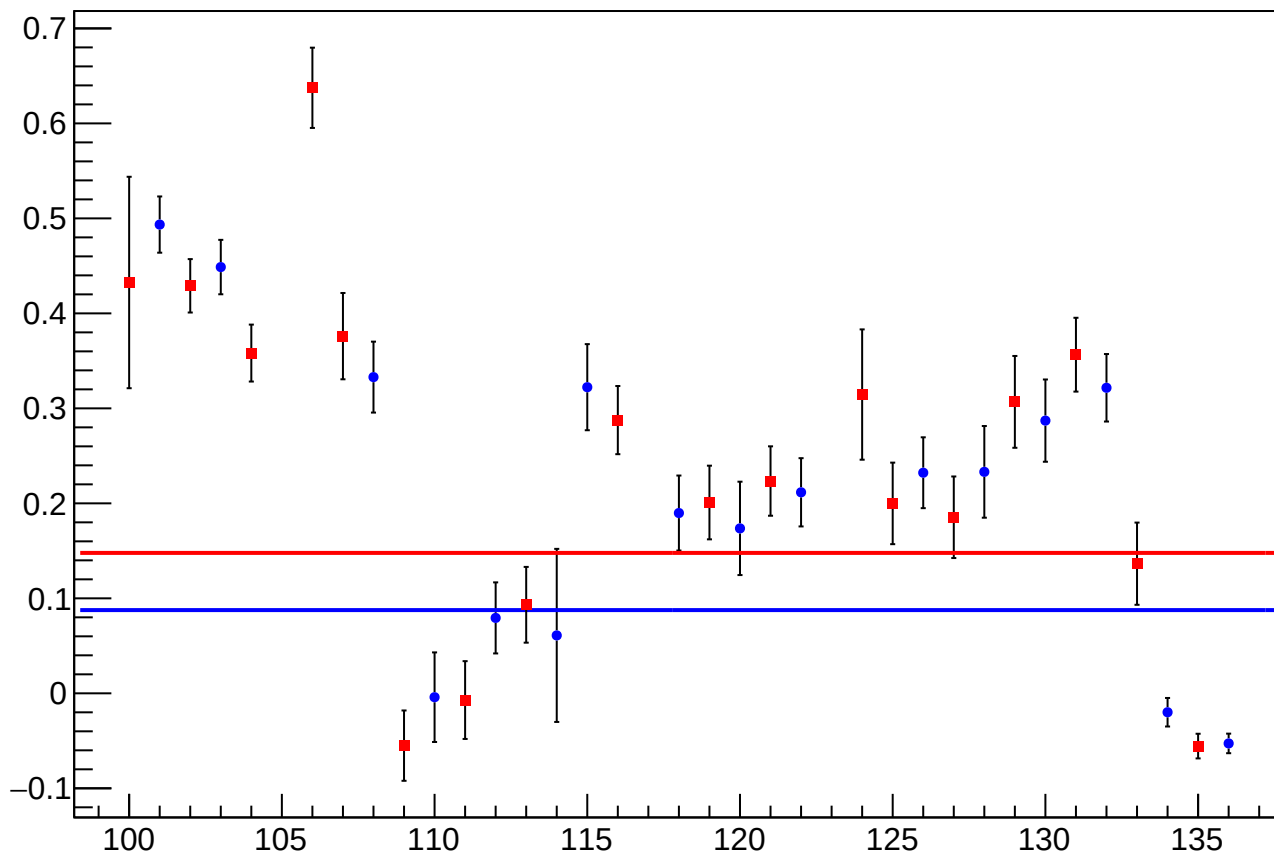
Right: -5.496+/-0.090 χ^2/NDF : 2530.9/33

In: -5.876+/-0.121 χ^2/NDF : 1251.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.496+/-0.090 χ^2/NDF : 2530.9/33

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 0.088+/-0.007 χ^2/NDF : 768.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-0.008 χ^2/NDF : 676.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

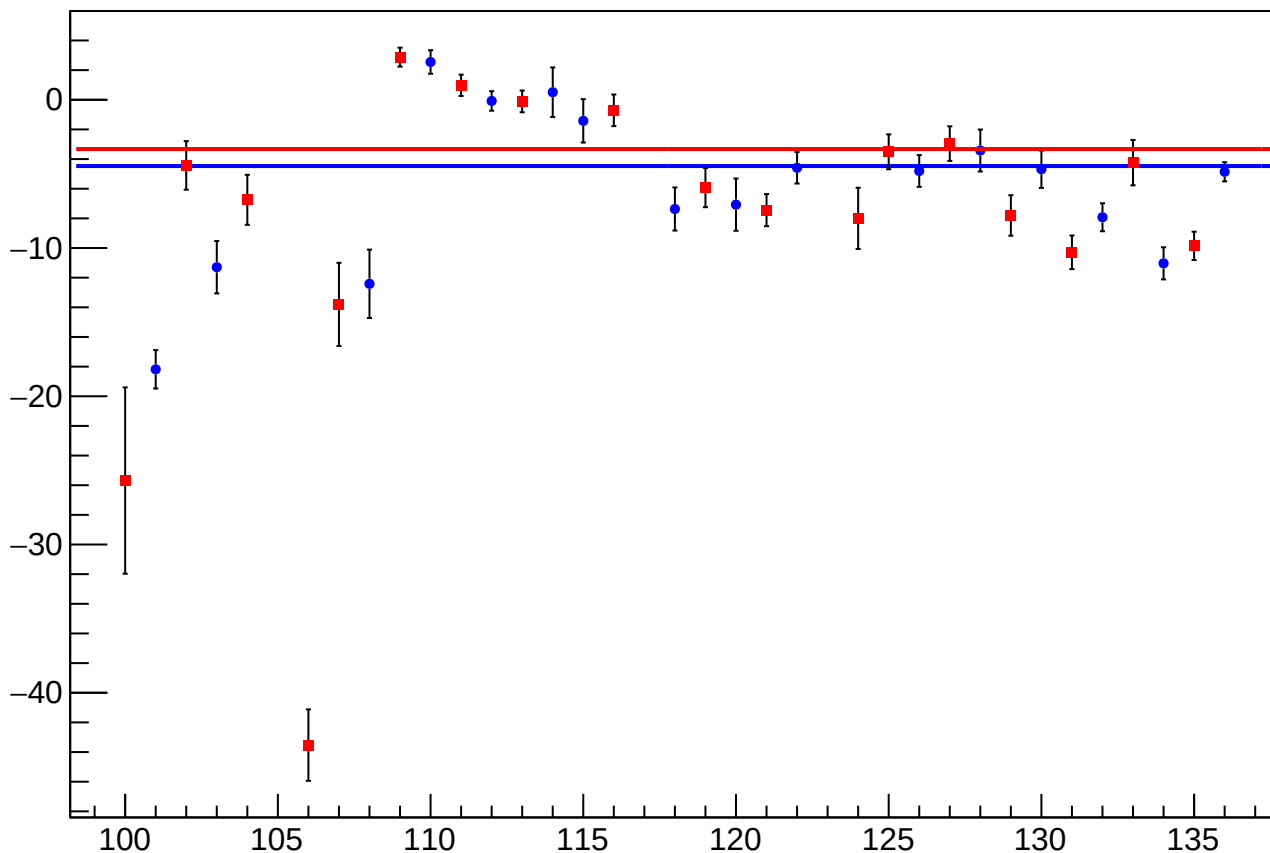
Right: 0.113+/-0.005 χ^2/NDF : 1479.3/33

In: 0.088+/-0.007 χ^2/NDF : 768.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.113+/-0.005 χ^2/NDF : 1479.3/33

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: -3.324 ± 0.266 χ^2/NDF : 584.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

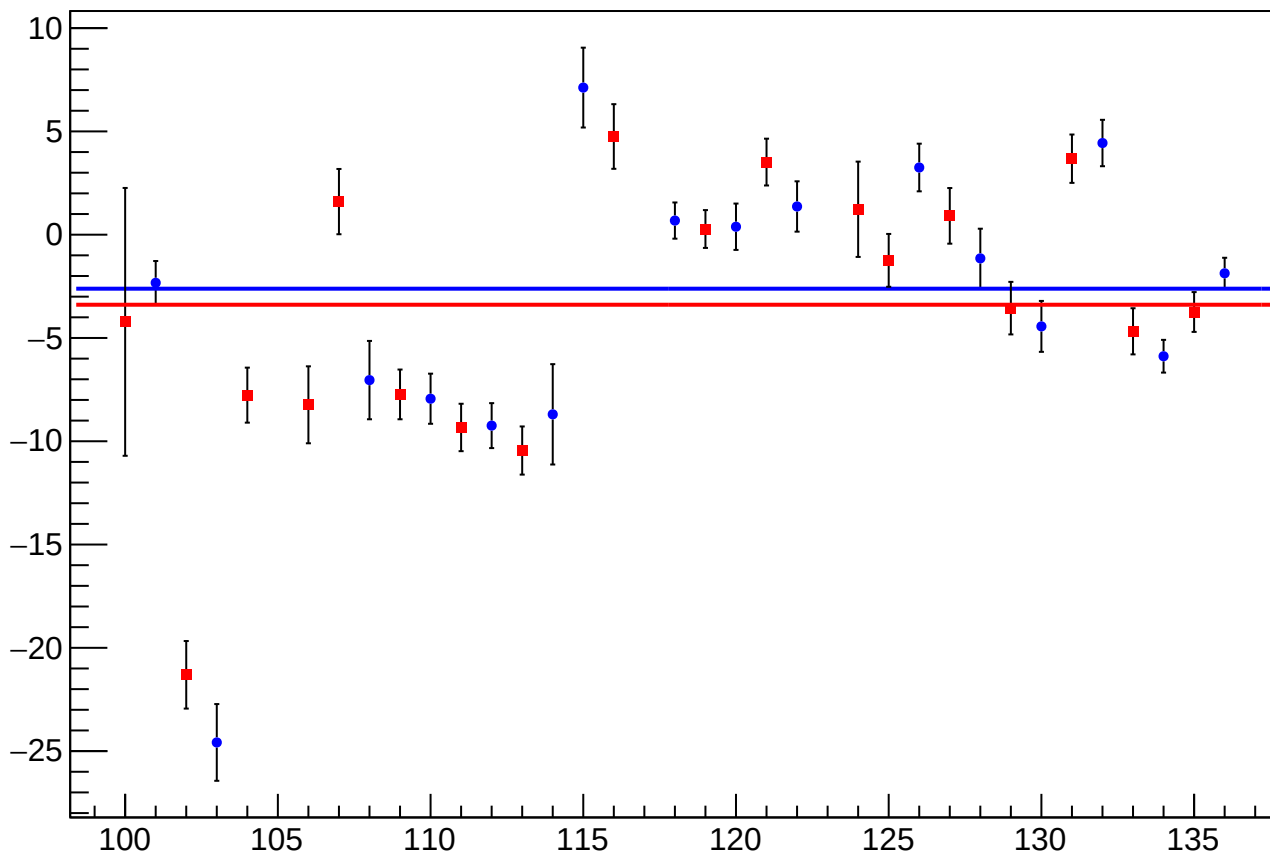
Right: -3.892 ± 0.189 χ^2/NDF : 925.4/33

In: -4.471 ± 0.268 χ^2/NDF : 331.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.892 ± 0.189 χ^2/NDF : 925.4/33

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: -3.391+/-0.304 χ^2/NDF : 359.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

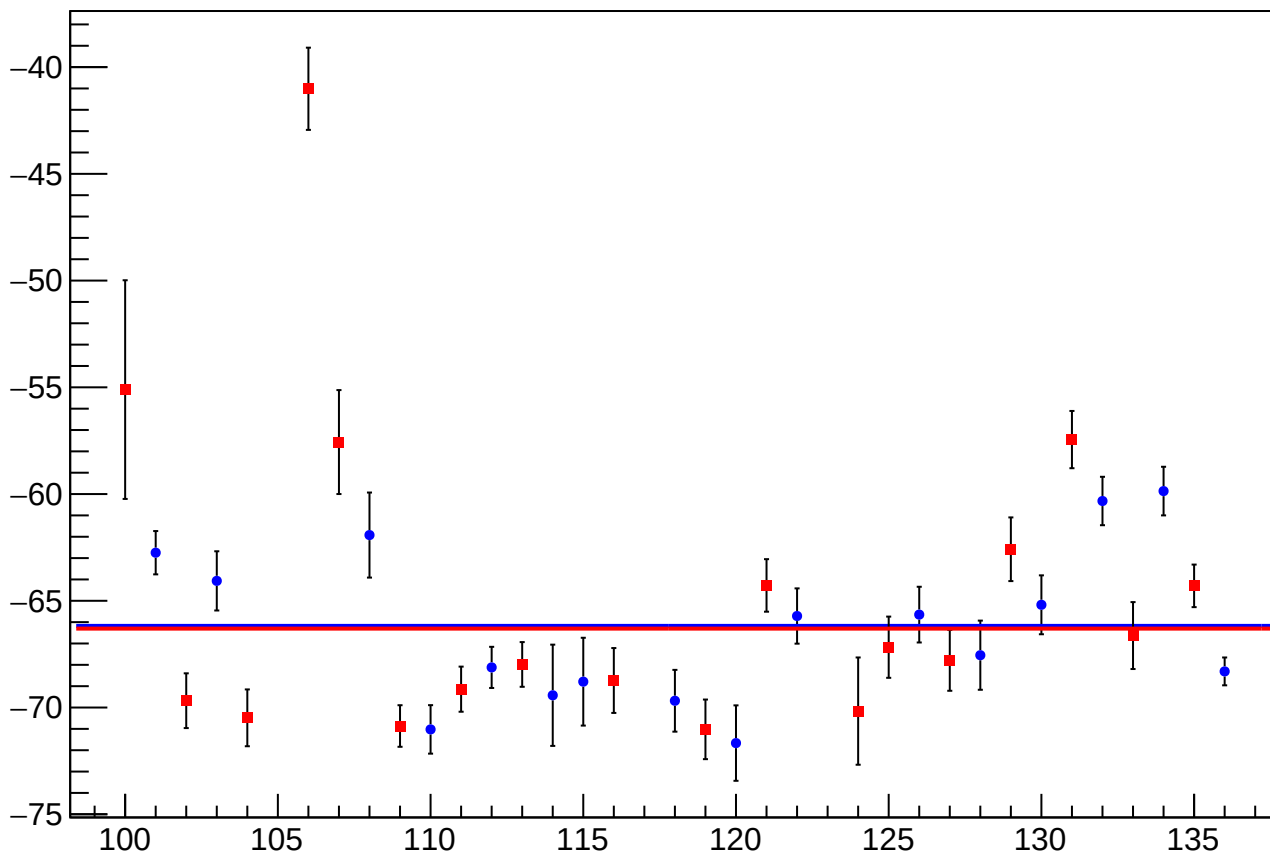
Right: -2.978+/-0.208 χ^2/NDF : 714.7/33

In: -2.615+/-0.286 χ^2/NDF : 351.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.978+/-0.208 χ^2/NDF : 714.7/33

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -66.176+/-0.304 χ^2/NDF : 129.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.303+/-0.322 χ^2/NDF : 313.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

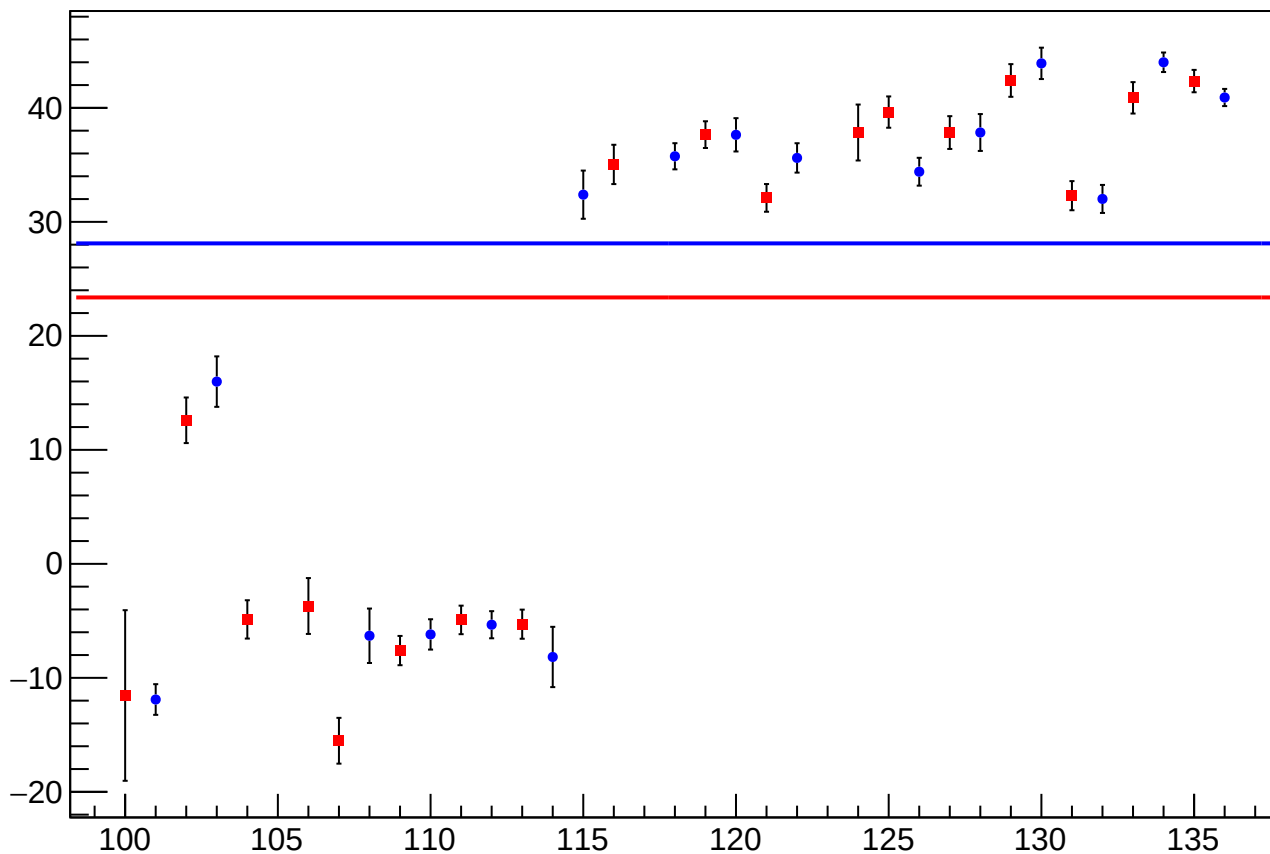
Right: -66.236+/-0.221 χ^2/NDF : 442.3/33

In: -66.176+/-0.304 χ^2/NDF : 129.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -66.236+/-0.221 χ^2/NDF : 442.3/33

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 28.112 $\pm$ 0.320 χ^2 /NDF: 3727.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.371 $\pm$ 0.343 χ^2 /NDF: 3708.9/17

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

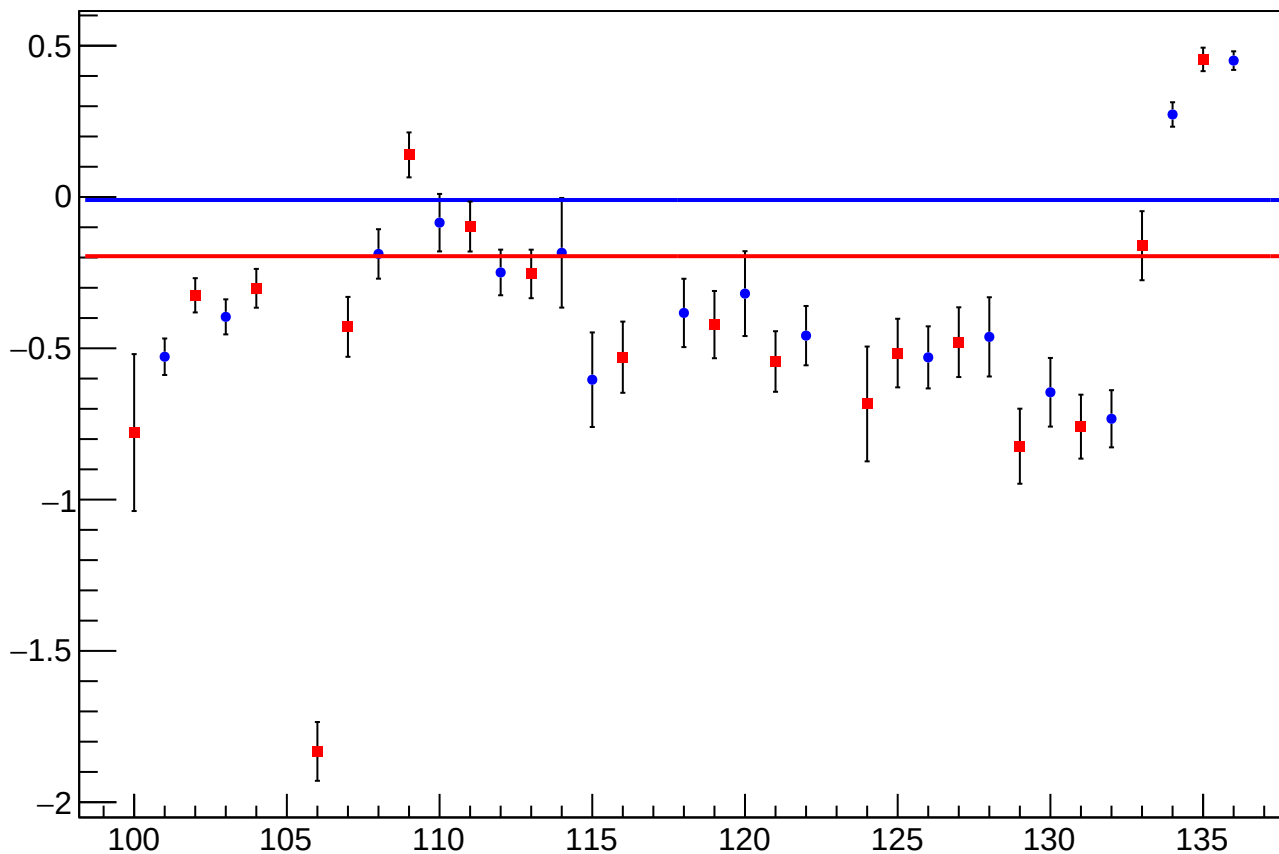
Right: 25.909 $\pm$ 0.234 χ^2 /NDF: 7538.6/33

In: 28.112 $\pm$ 0.320 χ^2 /NDF:3727.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 25.909 $\pm$ 0.234 χ^2 /NDF: 7538.6/33

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: -0.196 ± 0.020 χ^2/NDF : 704.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

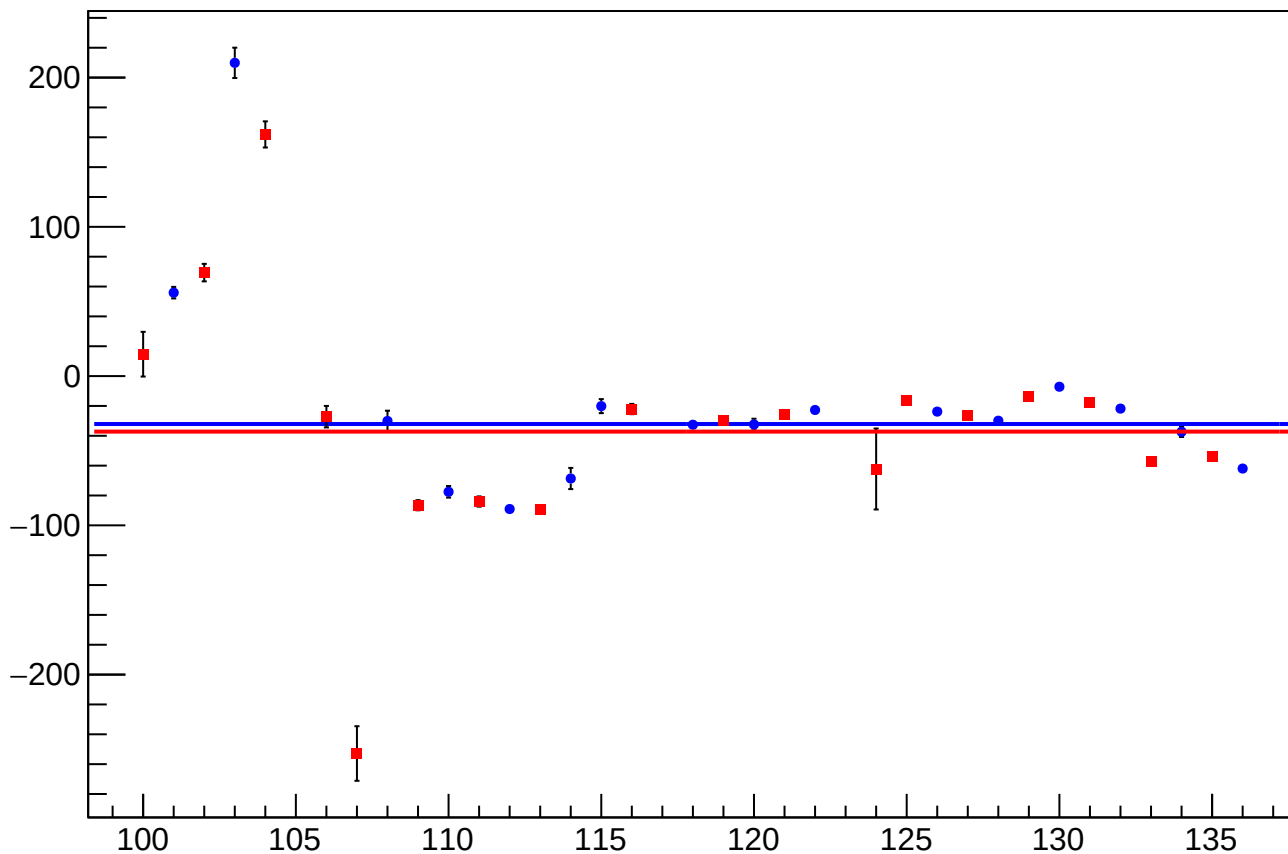
Right: -0.091 ± 0.013 χ^2/NDF : 1342.2/33

In: -0.010 ± 0.017 χ^2/NDF : 587.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.091 ± 0.013 χ^2/NDF : 1342.2/33

reg_asym_atl1_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -32.117 ± 0.843 χ^2/NDF : 1877.5/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.198 ± 0.879 χ^2/NDF : 1909.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

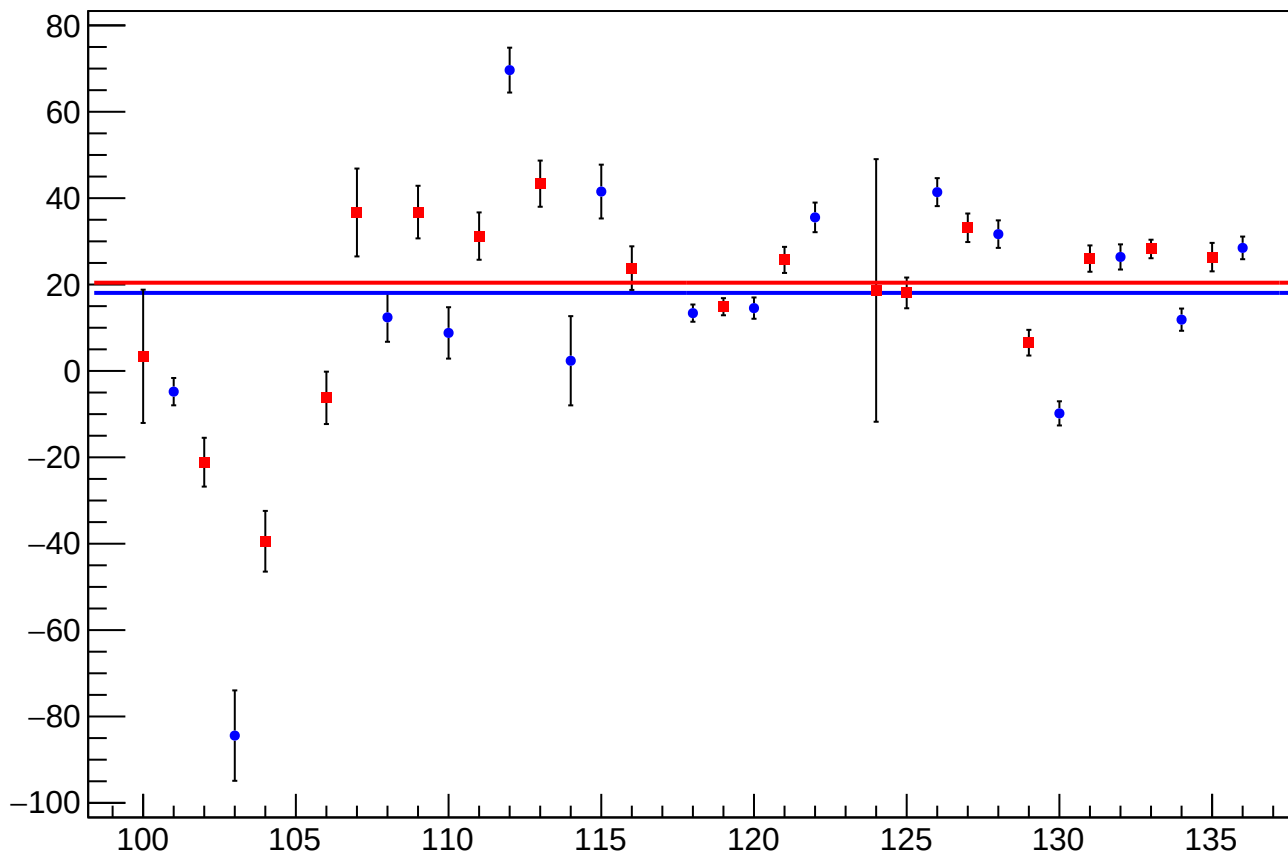
Right: -34.550 ± 0.608 χ^2/NDF : 3804.6/33

In: -32.117 ± 0.843 χ^2/NDF : 1877.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.550 ± 0.608 χ^2/NDF : 3804.6/33

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: 20.427+/-0.879 χ^2/NDF : 247.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

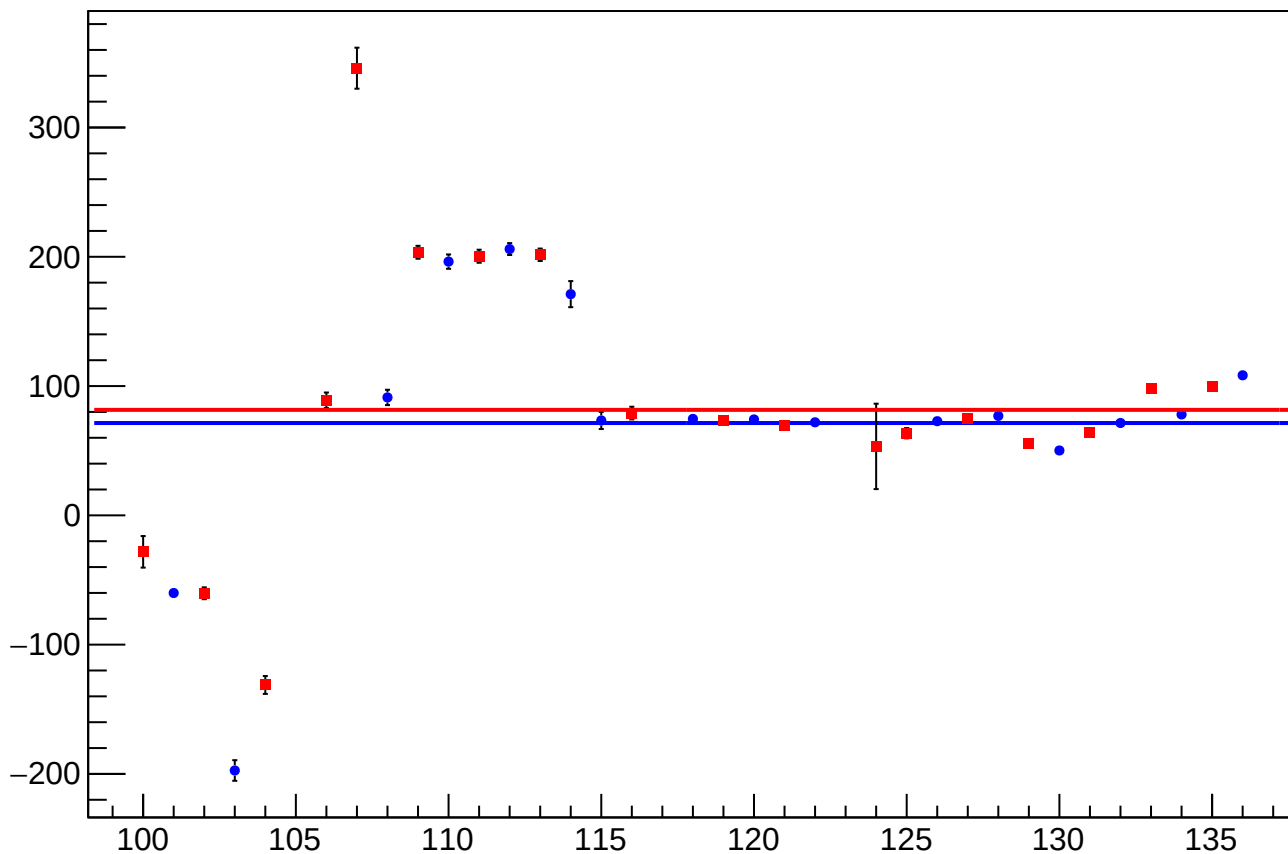
Right: 19.169+/-0.601 χ^2/NDF : 750.9/33

In: 18.068+/-0.823 χ^2/NDF : 499.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.169+/-0.601 χ^2/NDF : 750.9/33

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: 81.597+/-1.007 χ^2/NDF : 4224.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

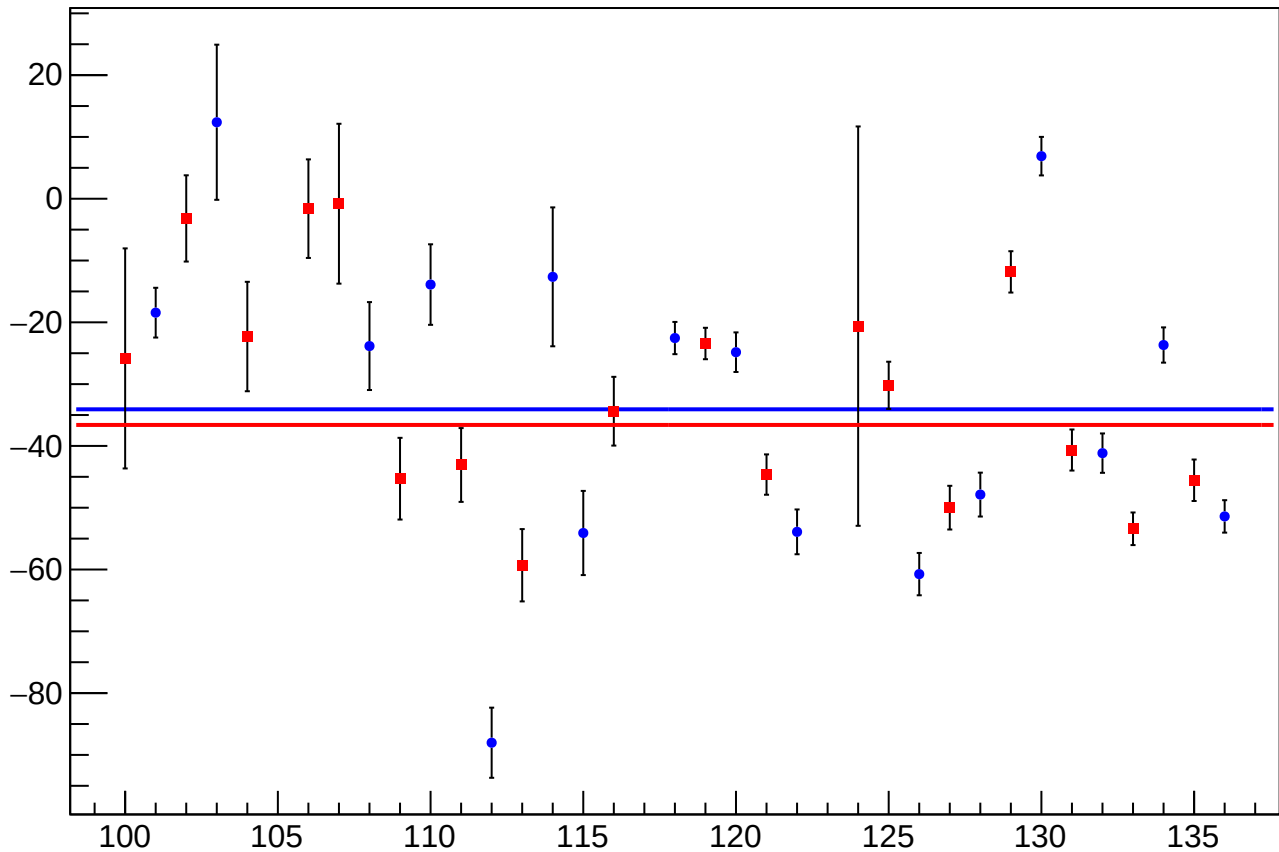
Right: 76.110+/-0.684 χ^2/NDF : 9099.4/33

In: 71.421+/-0.931 χ^2/NDF : 4819.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.110+/-0.684 χ^2/NDF : 9099.4/33

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: -36.605 ± 1.010 χ^2/NDF : 225.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

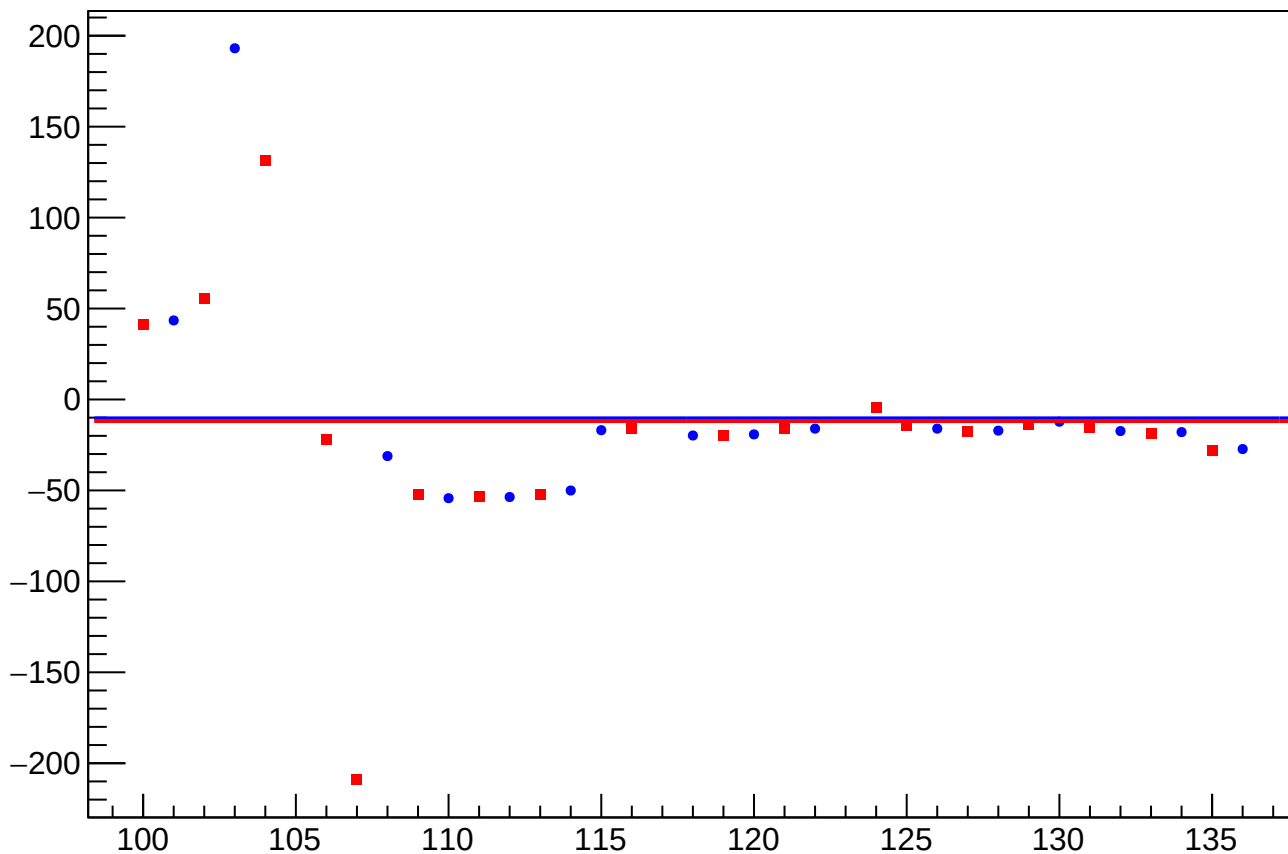
Right: -35.253 ± 0.689 χ^2/NDF : 739.8/33

In: -34.077 ± 0.942 χ^2/NDF : 511.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.253 ± 0.689 χ^2/NDF : 739.8/33

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: -11.851 ± 0.065 $\chi^2/\text{NDF}: 444598.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

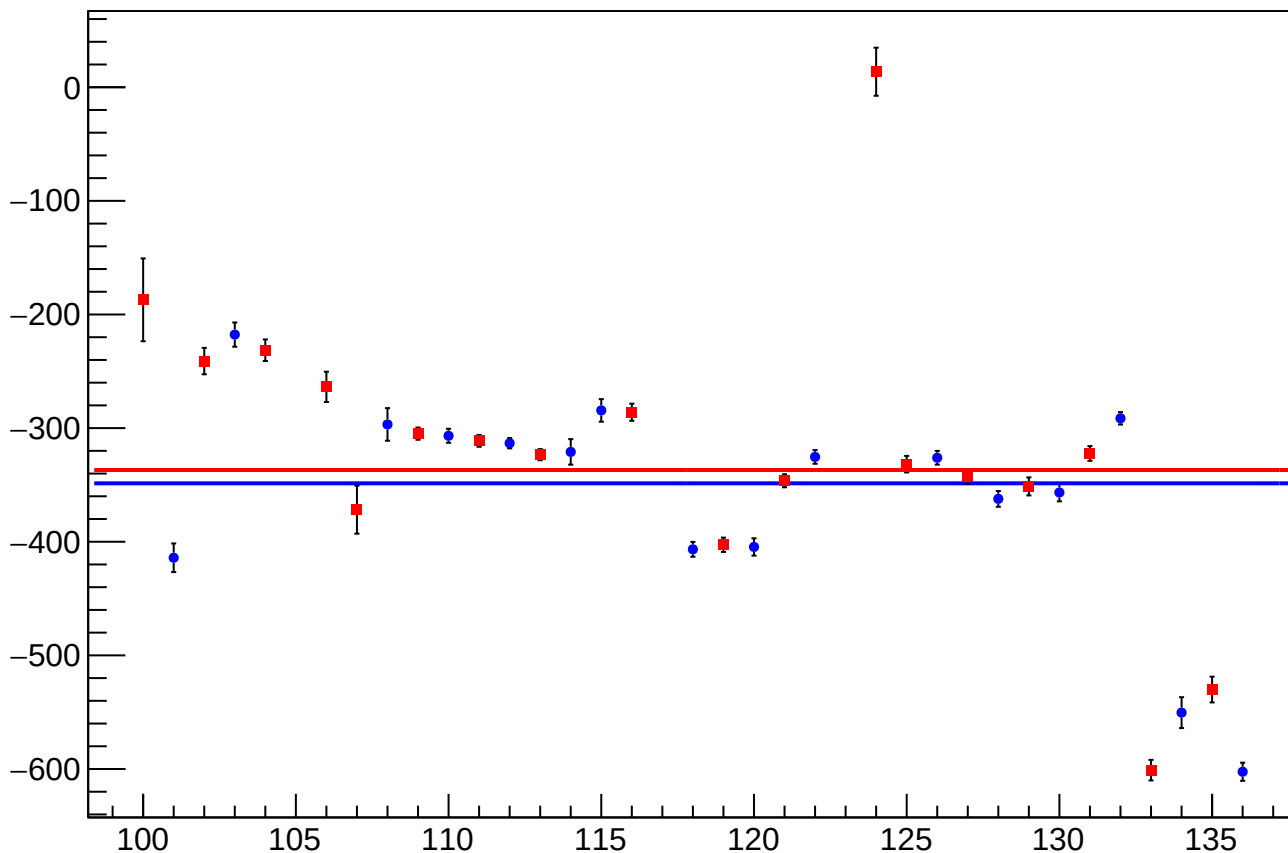
Right: -11.029 ± 0.043 $\chi^2/\text{NDF}: 967215.8/33$

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: -11.029 ± 0.043 $\chi^2/\text{NDF}: 967215.8/33$

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: -336.867 ± 1.769 χ^2/NDF : 1891.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

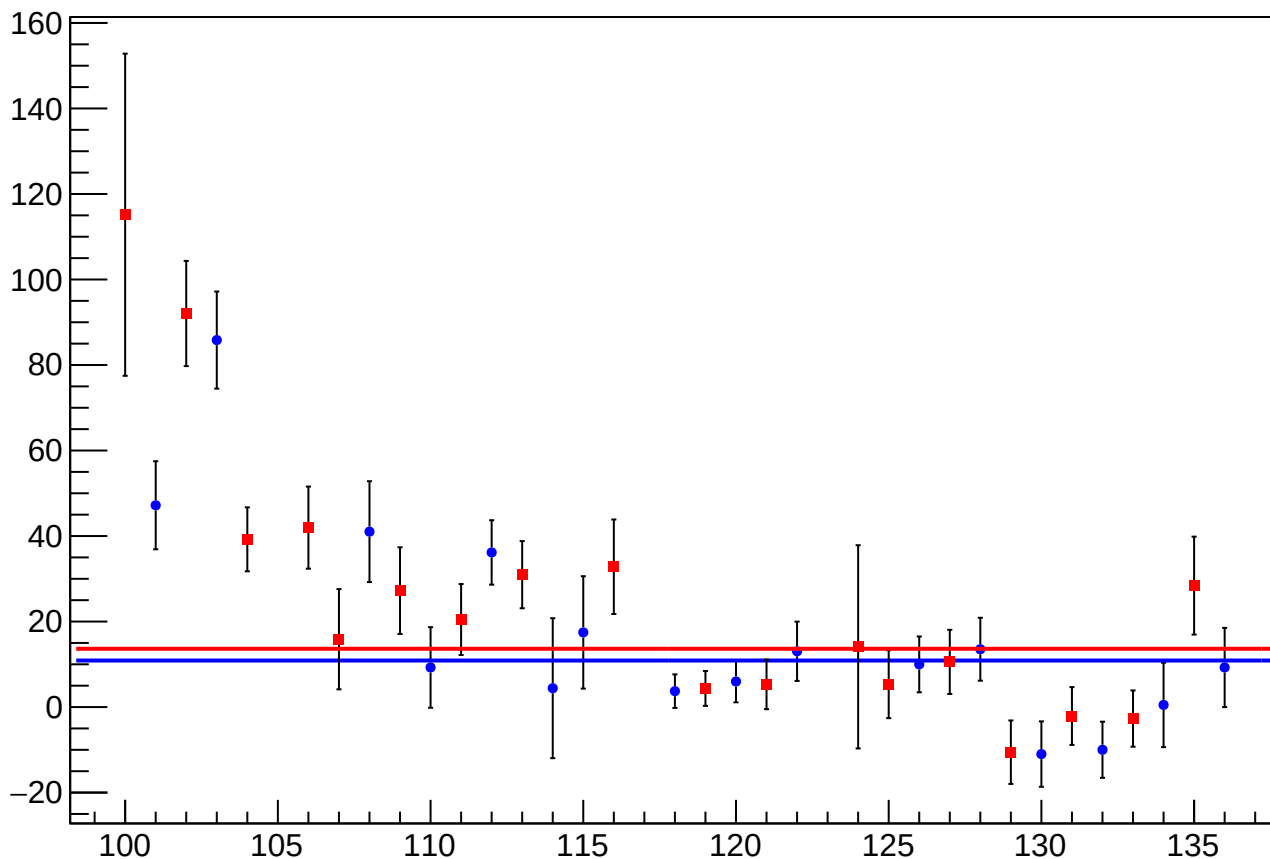
Right: -342.546 ± 1.270 χ^2/NDF : 3771.0/33

In: -348.586 ± 1.825 χ^2/NDF : 1858.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -342.546 ± 1.270 χ^2/NDF : 3771.0/33

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: 13.632+/-1.863 χ^2/NDF : 111.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

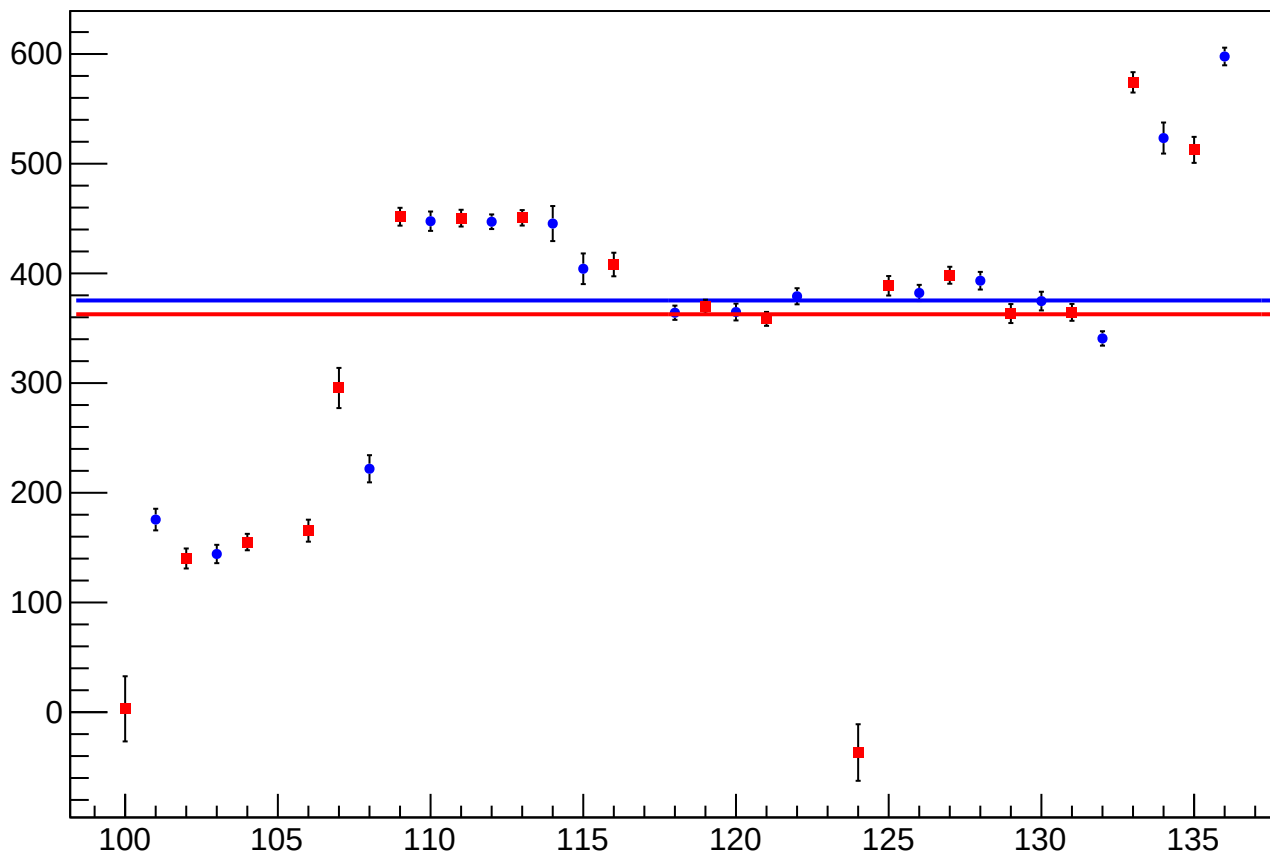
Right: 12.245+/-1.310 χ^2/NDF : 210.4/33

In: 10.888+/-1.843 χ^2/NDF : 98.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.245+/-1.310 χ^2/NDF : 210.4/33

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: 362.741+/-2.066 χ^2/NDF : 3288.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

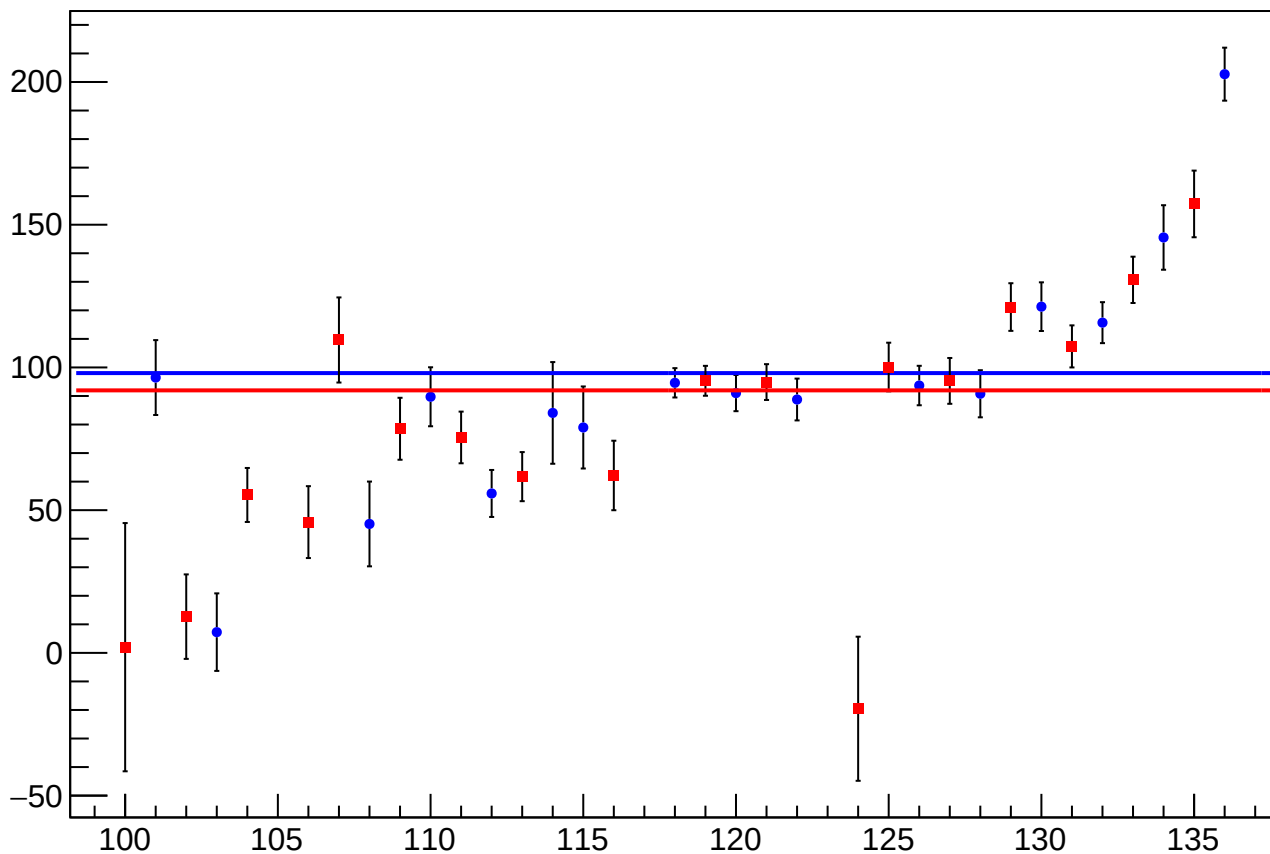
Right: 368.919+/-1.474 χ^2/NDF : 5755.9/33

In: 375.321+/-2.103 χ^2/NDF : 2449.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.919+/-1.474 χ^2/NDF : 5755.9/33

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: 91.966+/-2.151 χ^2/NDF : 177.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

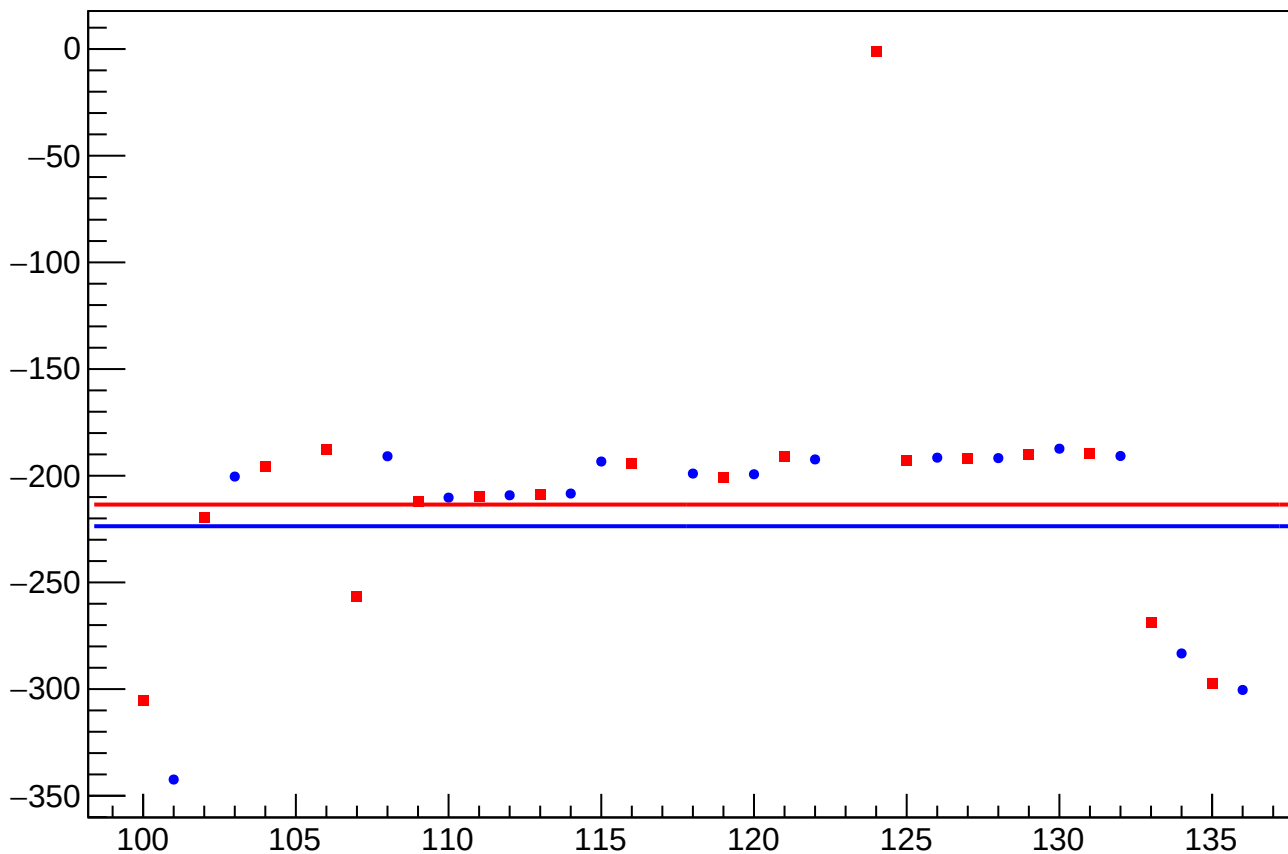
Right: 95.004+/-1.519 χ^2/NDF : 431.4/33

In: 98.021+/-2.144 χ^2/NDF : 249.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 95.004+/-1.519 χ^2/NDF : 431.4/33

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: -213.510+/-0.136 χ^2/NDF : 70979.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

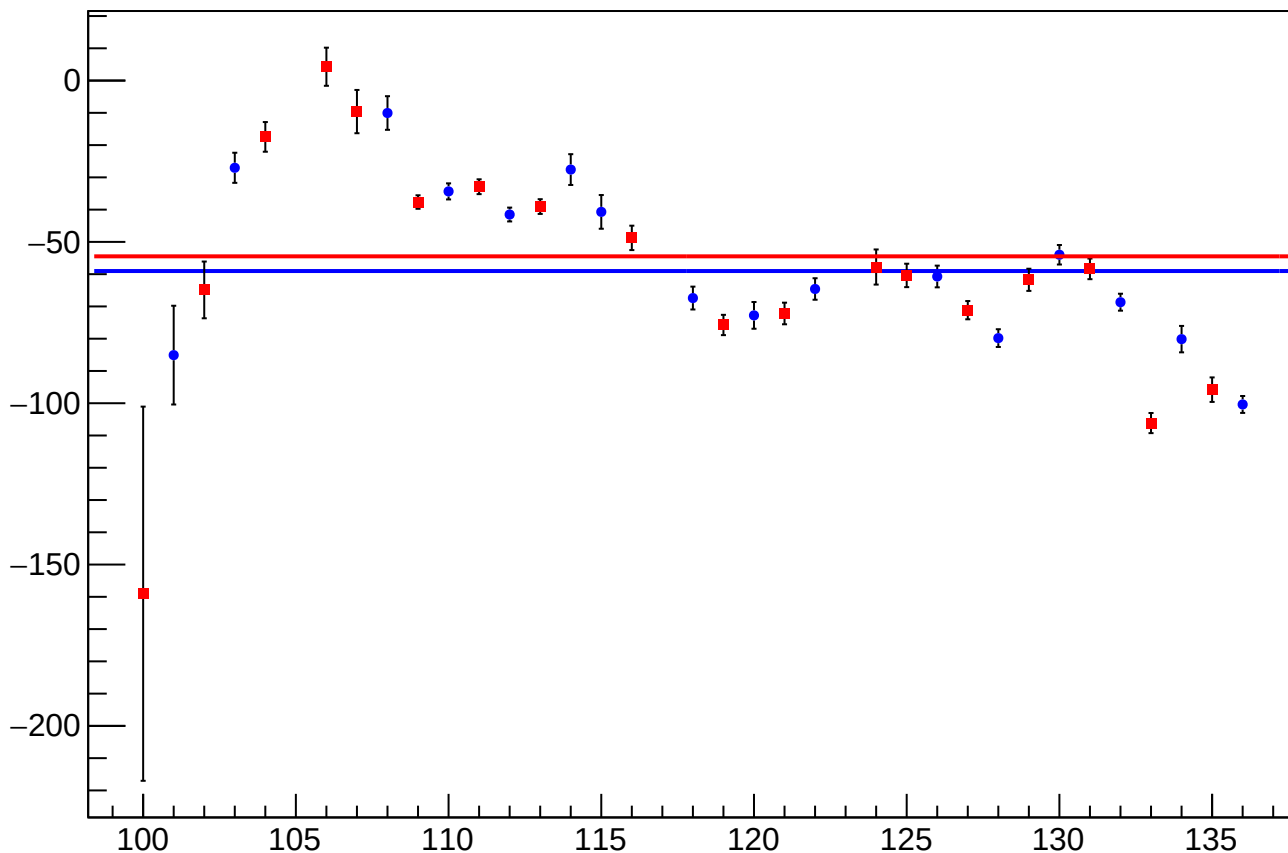
Right: -218.508+/-0.097 χ^2/NDF : 195246.6/33

In: -223.666+/-0.138 χ^2/NDF : 121528.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -218.508+/-0.097 χ^2/NDF : 195246.6/33

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: -54.475 ± 0.798 χ^2/NDF : 924.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

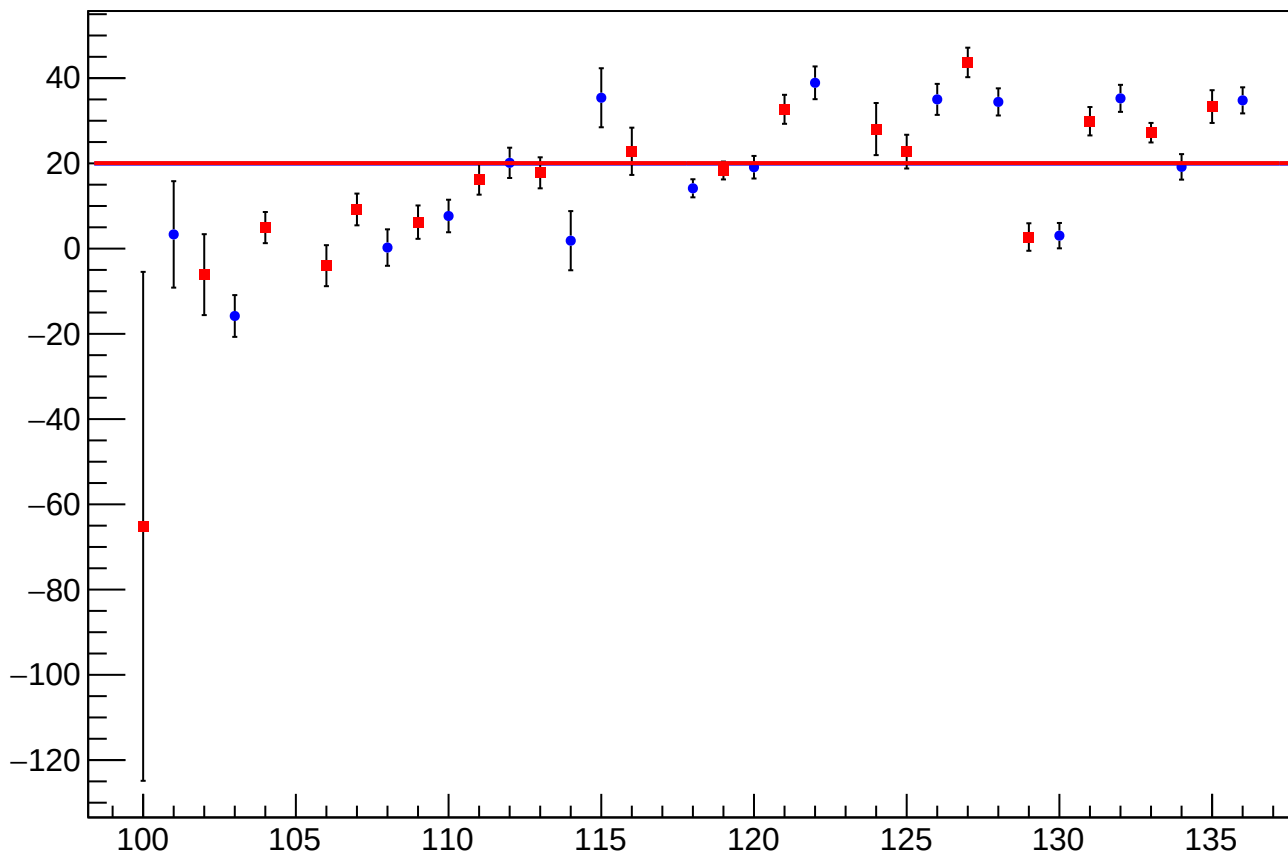
Right: -56.665 ± 0.575 χ^2/NDF : 1667.0/33

In: -59.030 ± 0.829 χ^2/NDF : 727.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -56.665 ± 0.575 χ^2/NDF : 1667.0/33

reg_asym_atr1_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 19.946 $\pm$ 0.867 χ^2 /NDF: 247.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 20.061 $\pm$ 0.851 χ^2 /NDF: 196.9/17

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

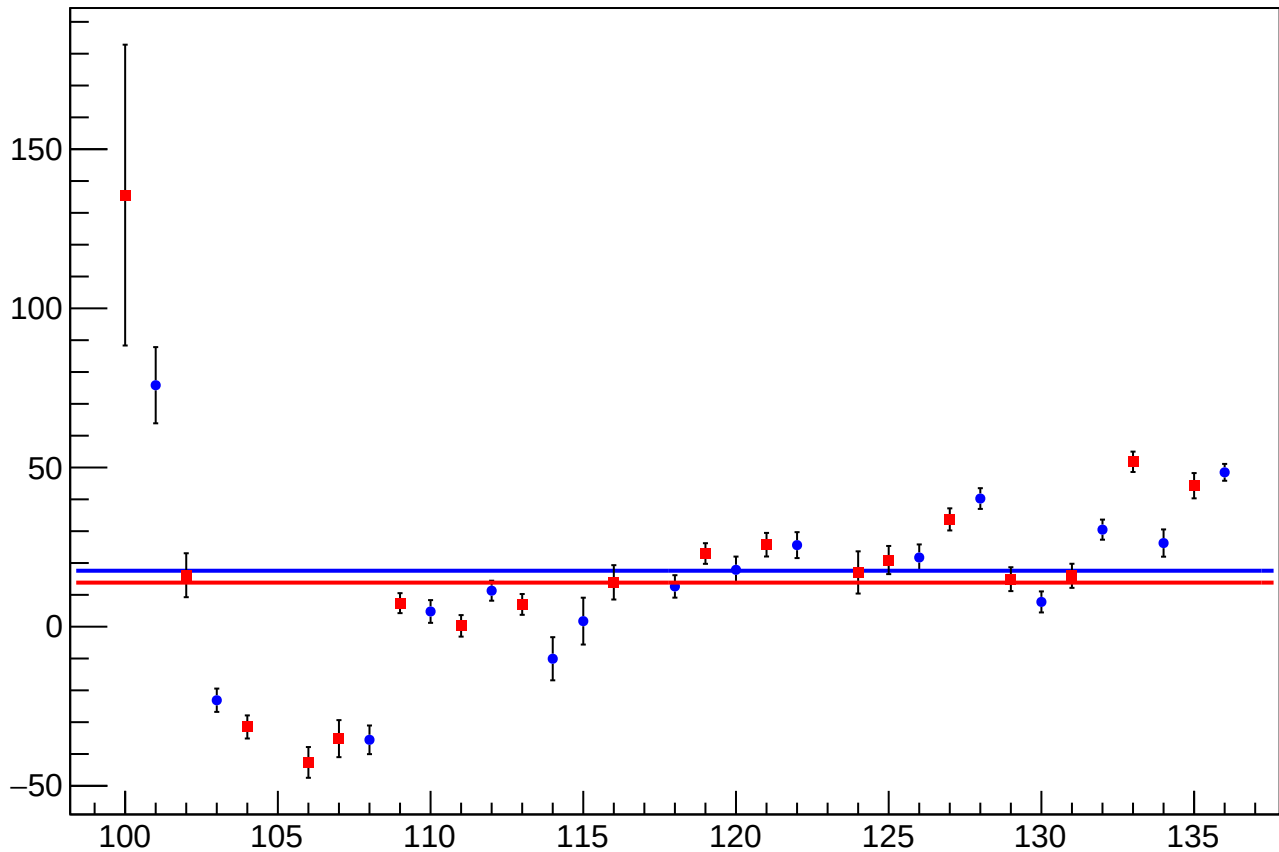
Right: 20.004 $\pm$ 0.607 χ^2 /NDF: 444.1/33

In: 19.946 $\pm$ 0.867 χ^2 /NDF:247.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 20.004 $\pm$ 0.607 χ^2 /NDF: 444.1/33

reg_asym_atr1_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 17.574+/-0.957 χ^2/NDF : 546.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.841+/-0.948 χ^2/NDF : 649.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

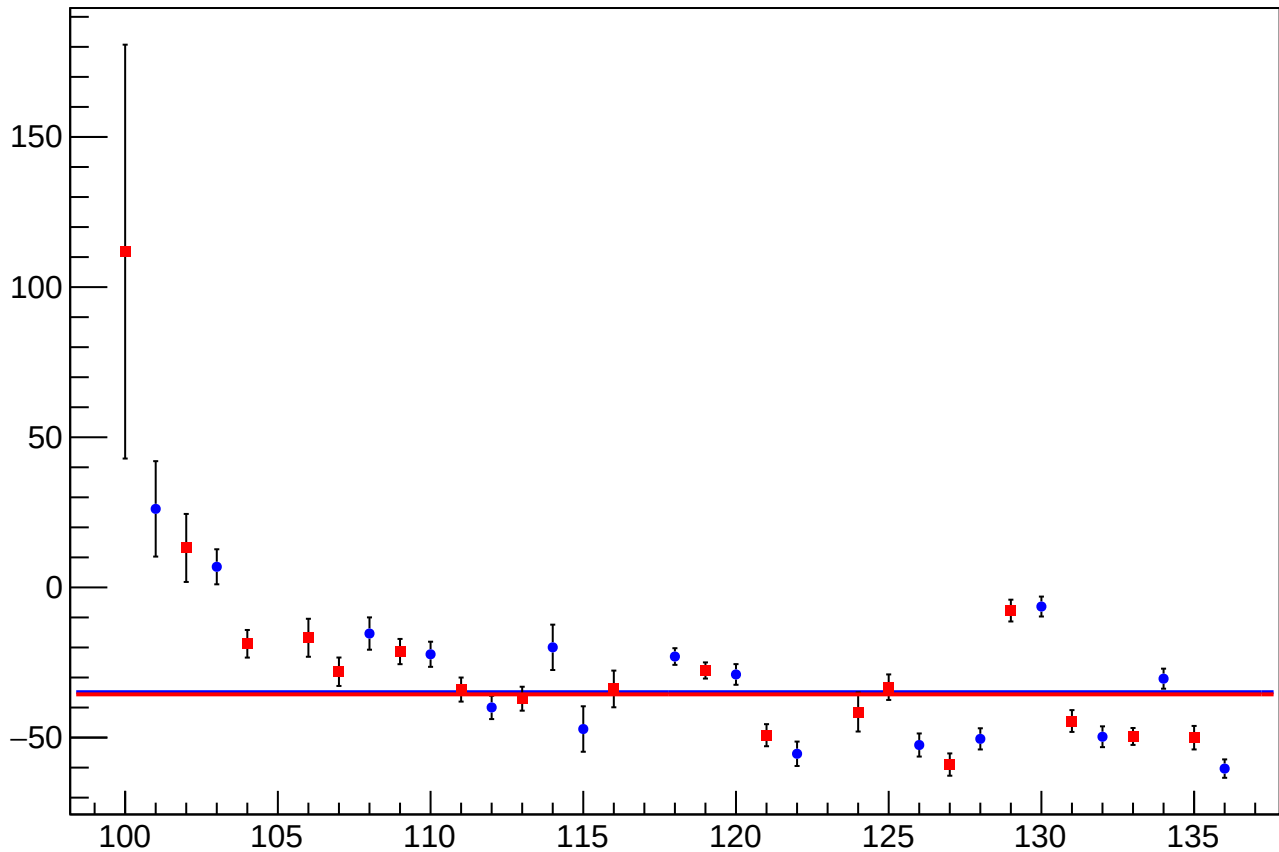
Right: 15.690+/-0.673 χ^2/NDF : 1203.1/33

In: 17.574+/-0.957 χ^2/NDF : 546.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.690+/-0.673 χ^2/NDF : 1203.1/33

reg_asym_atr1_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -34.899 ± 0.990 χ^2/NDF : 346.6/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.604 ± 0.980 χ^2/NDF : 226.6/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

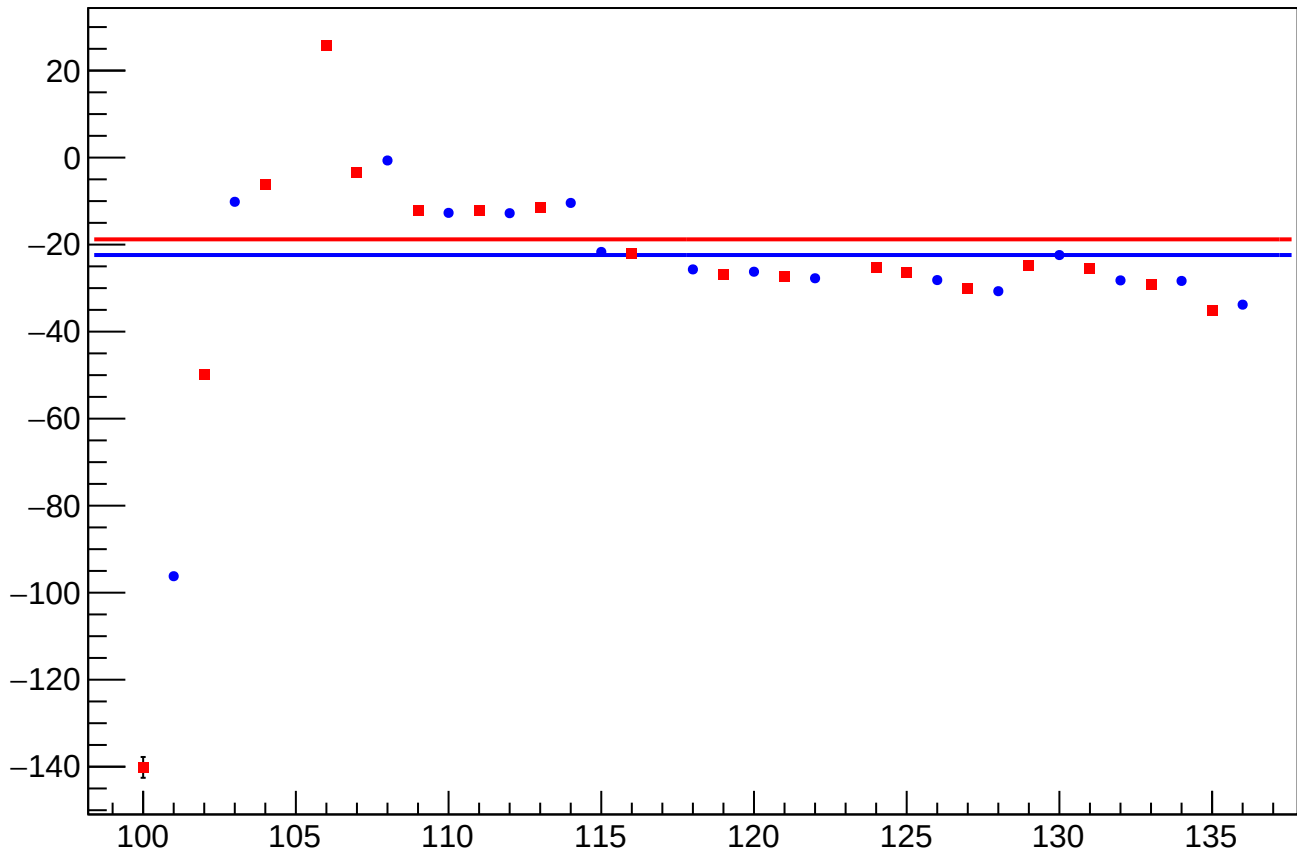
Right: -35.255 ± 0.697 χ^2/NDF : 573.4/33

In: -34.899 ± 0.990 χ^2/NDF : 346.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -35.255 ± 0.697 χ^2/NDF : 573.4/33

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: -18.793+/-0.061 χ^2/NDF : 80054.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

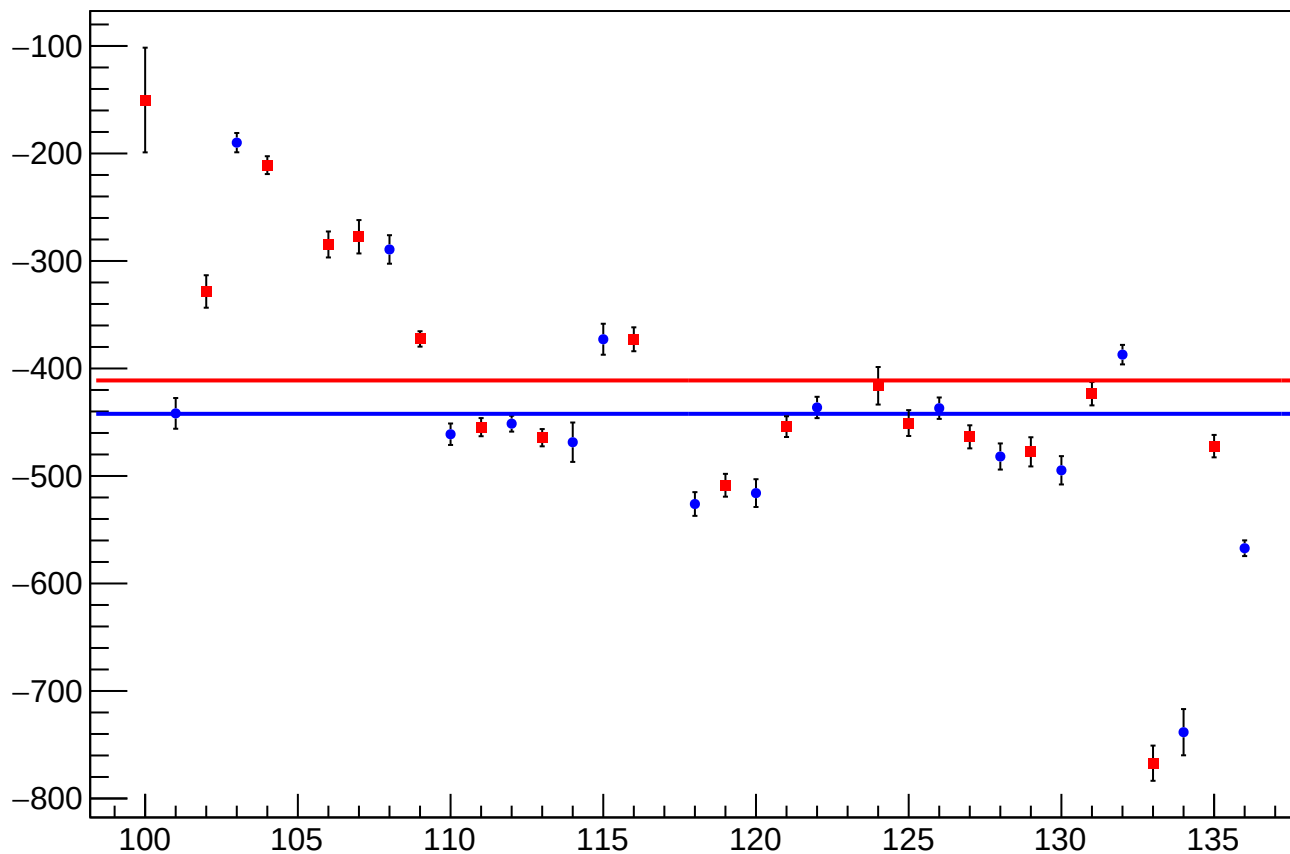
Right: -20.672+/-0.042 χ^2/NDF : 128399.3/33

In: -22.394+/-0.058 χ^2/NDF : 46519.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.672+/-0.042 χ^2/NDF : 128399.3/33

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: -411.139 ± 2.558 χ^2/NDF : 1608.1/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

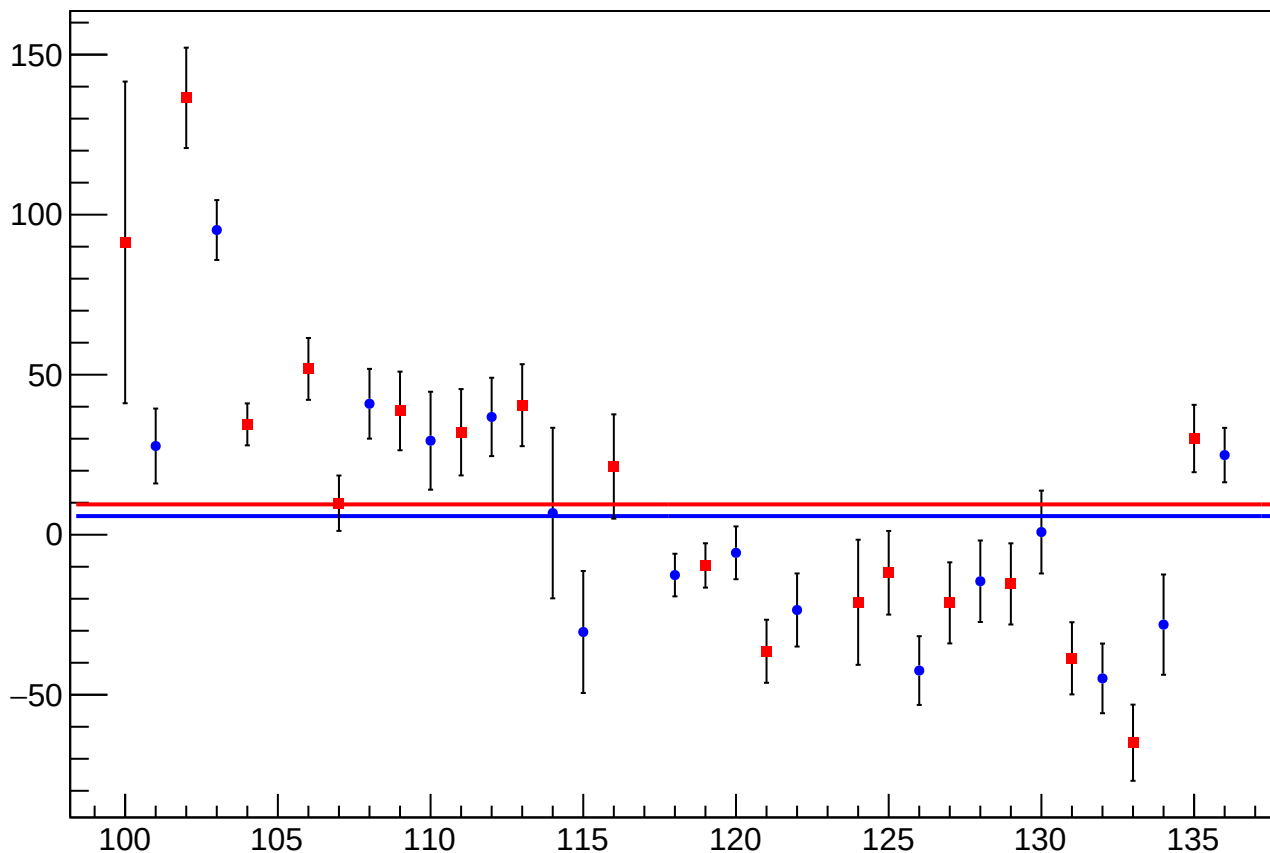
Right: -425.928 ± 1.851 χ^2/NDF : 3267.3/33

In: -442.182 ± 2.682 χ^2/NDF : 1589.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -425.928 ± 1.851 χ^2/NDF : 3267.3/33

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: 9.481+/-2.583 χ^2/NDF : 222.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

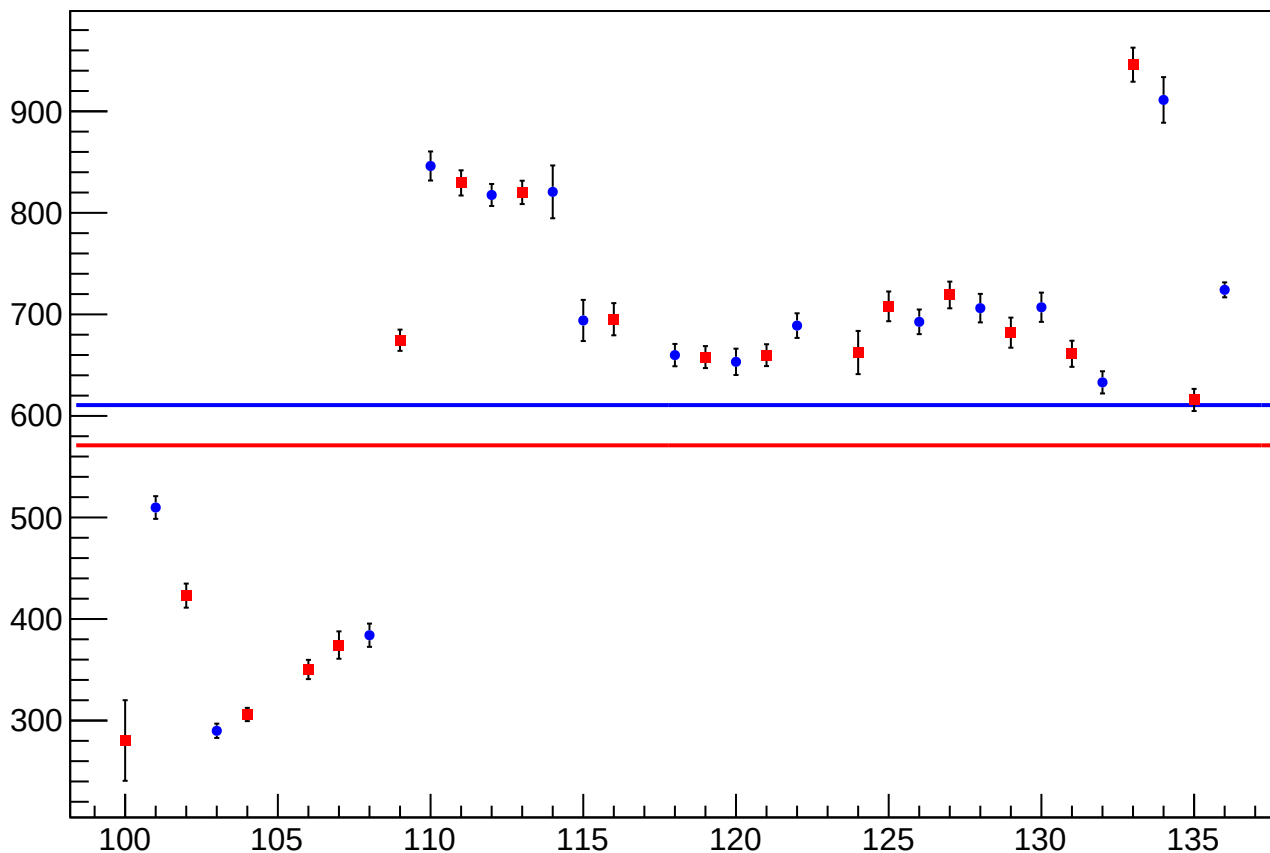
Right: 7.752+/-1.876 χ^2/NDF : 411.2/33

In: 5.824+/-2.728 χ^2/NDF : 188.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.752+/-1.876 χ^2/NDF : 411.2/33

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: 571.036+/-2.802 χ^2/NDF : 4655.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

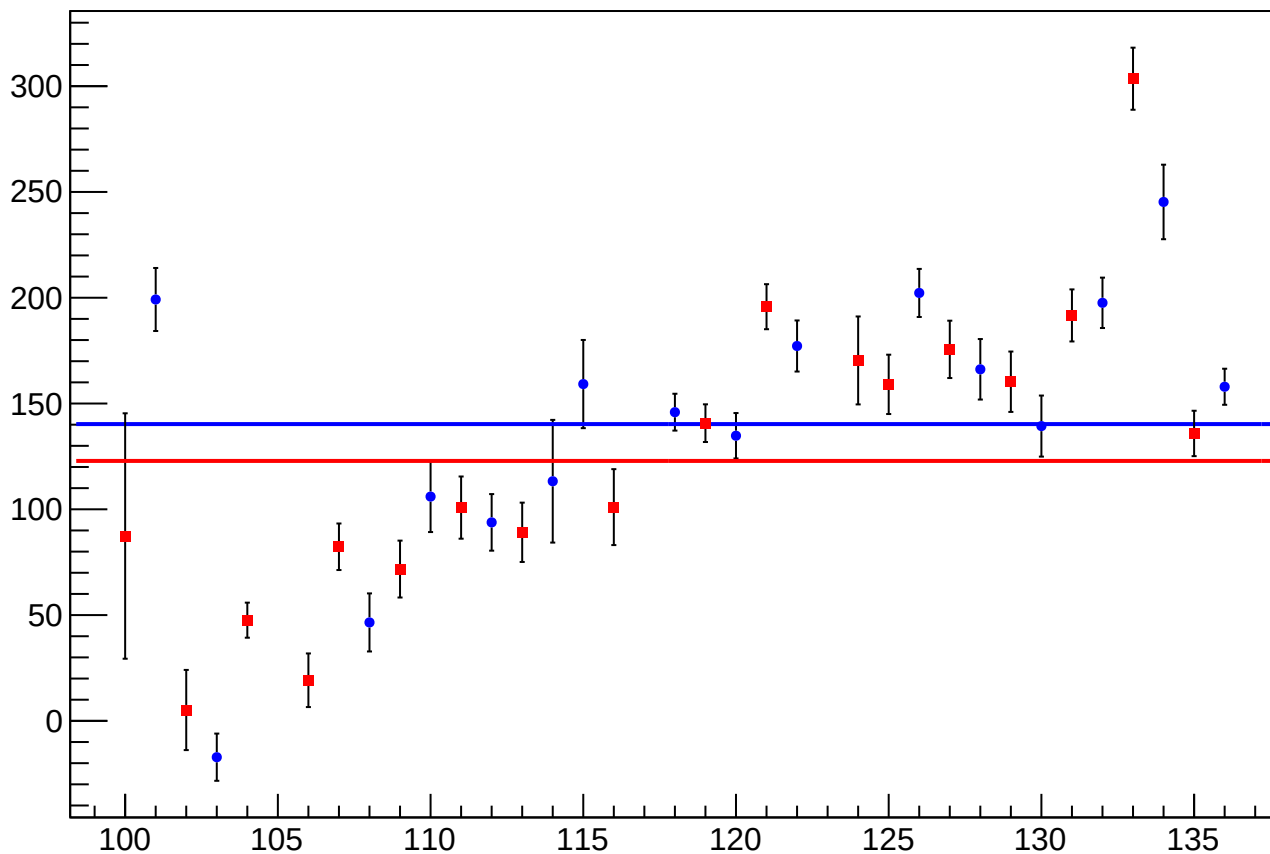
Right: 590.223+/-2.013 χ^2/NDF : 8644.4/33

In: 610.665+/-2.892 χ^2/NDF : 3892.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 590.223+/-2.013 χ^2/NDF : 8644.4/33

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: 122.866+/-3.020 χ^2/NDF : 495.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

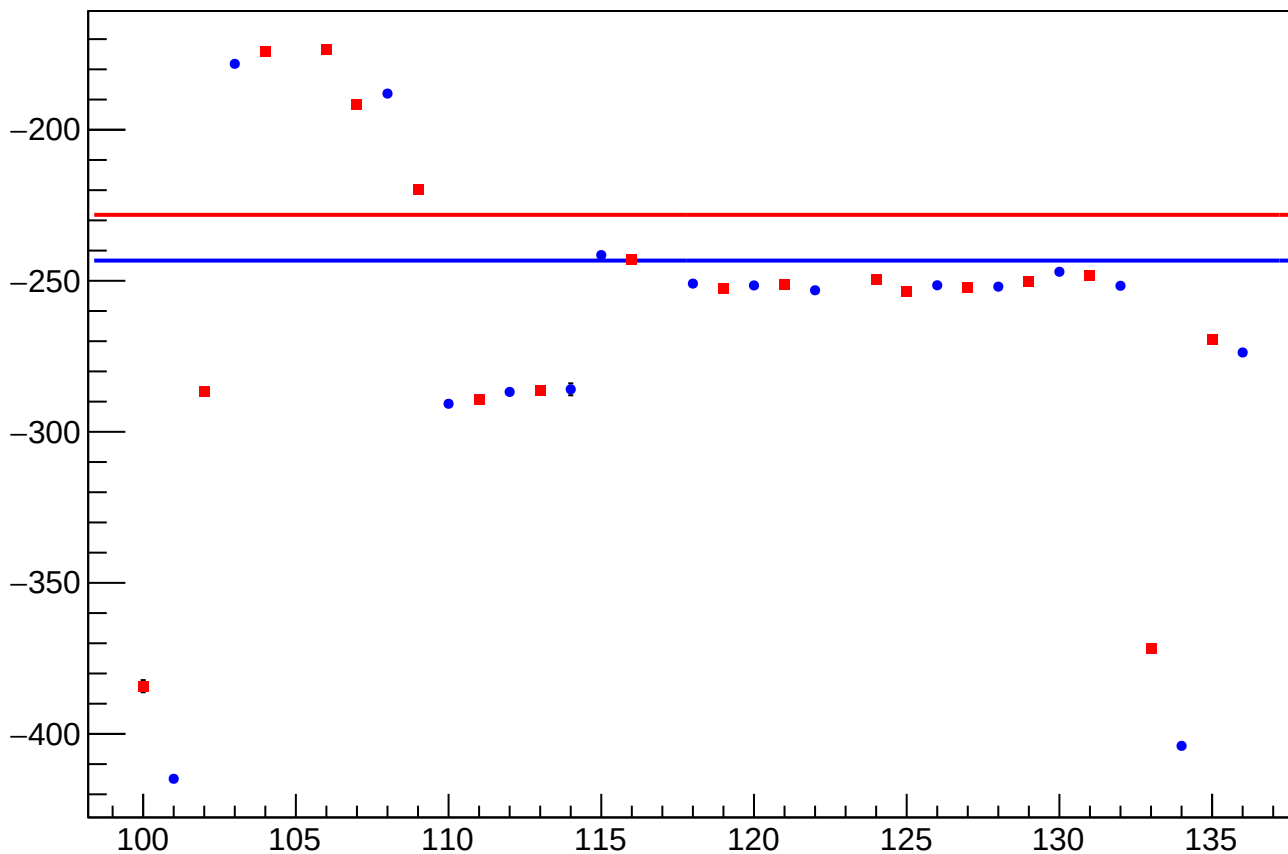
Right: 131.203+/-2.181 χ^2/NDF : 896.5/33

In: 140.278+/-3.151 χ^2/NDF :385.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 131.203+/-2.181 χ^2/NDF : 896.5/33

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: -228.169+/-0.161 χ^2/NDF : 99137.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

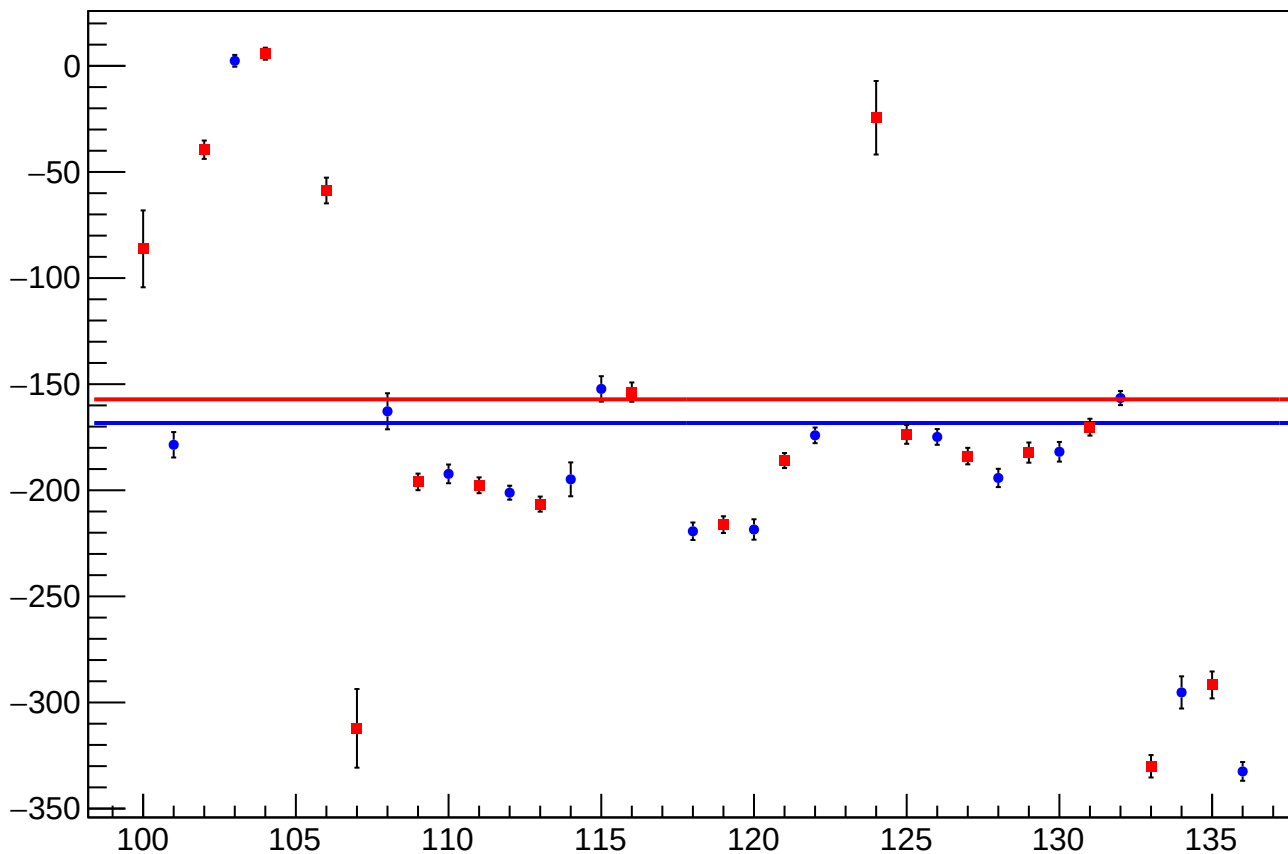
Right: -235.665+/-0.114 χ^2/NDF : 277006.1/33

In: -243.308+/-0.163 χ^2/NDF : 173487.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -235.665+/-0.114 χ^2/NDF : 277006.1/33

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: -157.141+/-1.049 χ^2/NDF : 6761.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

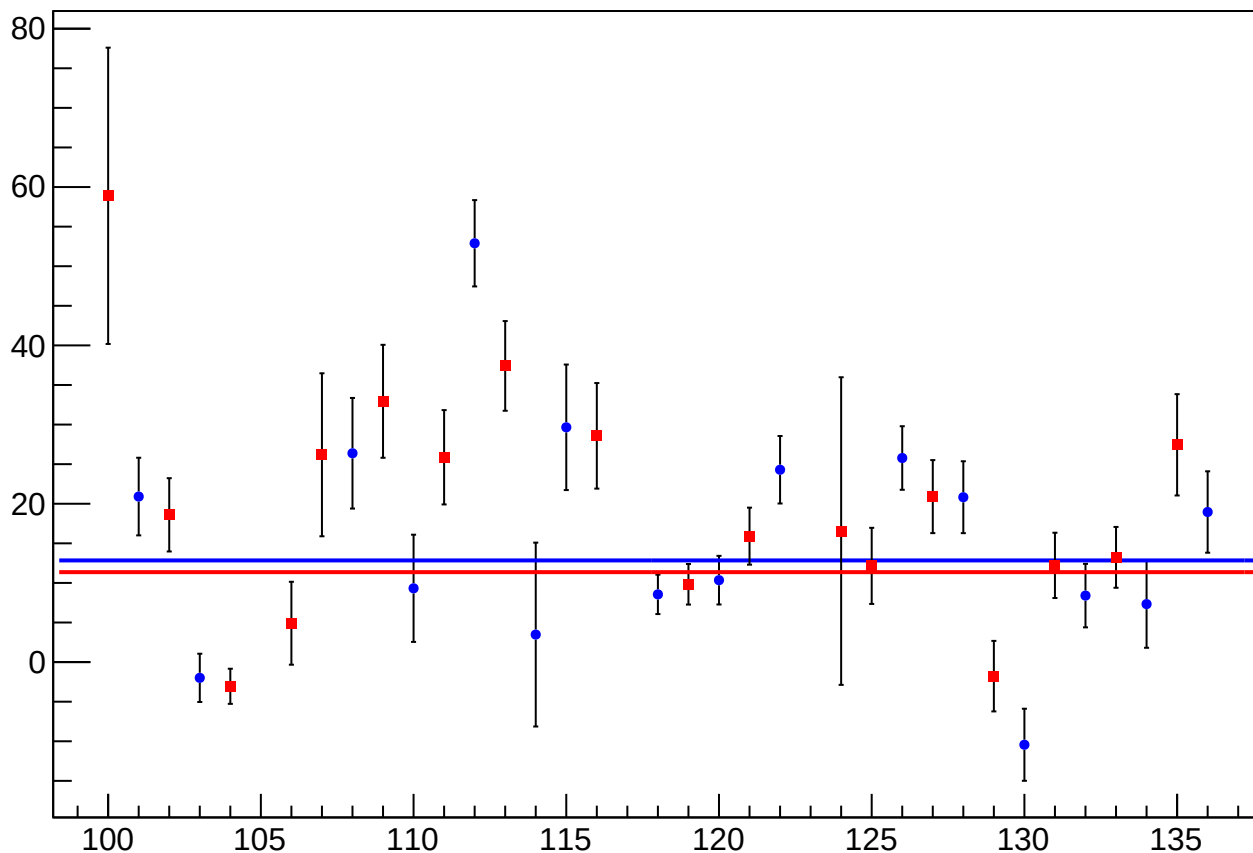
Right: -162.575+/-0.751 χ^2/NDF : 12723.6/33

In: -168.291+/-1.076 χ^2/NDF : 5907.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.575+/-0.751 χ^2/NDF : 12723.6/33

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 12.842+/-1.076 χ^2/NDF : 143.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.361+/-1.040 χ^2/NDF : 119.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

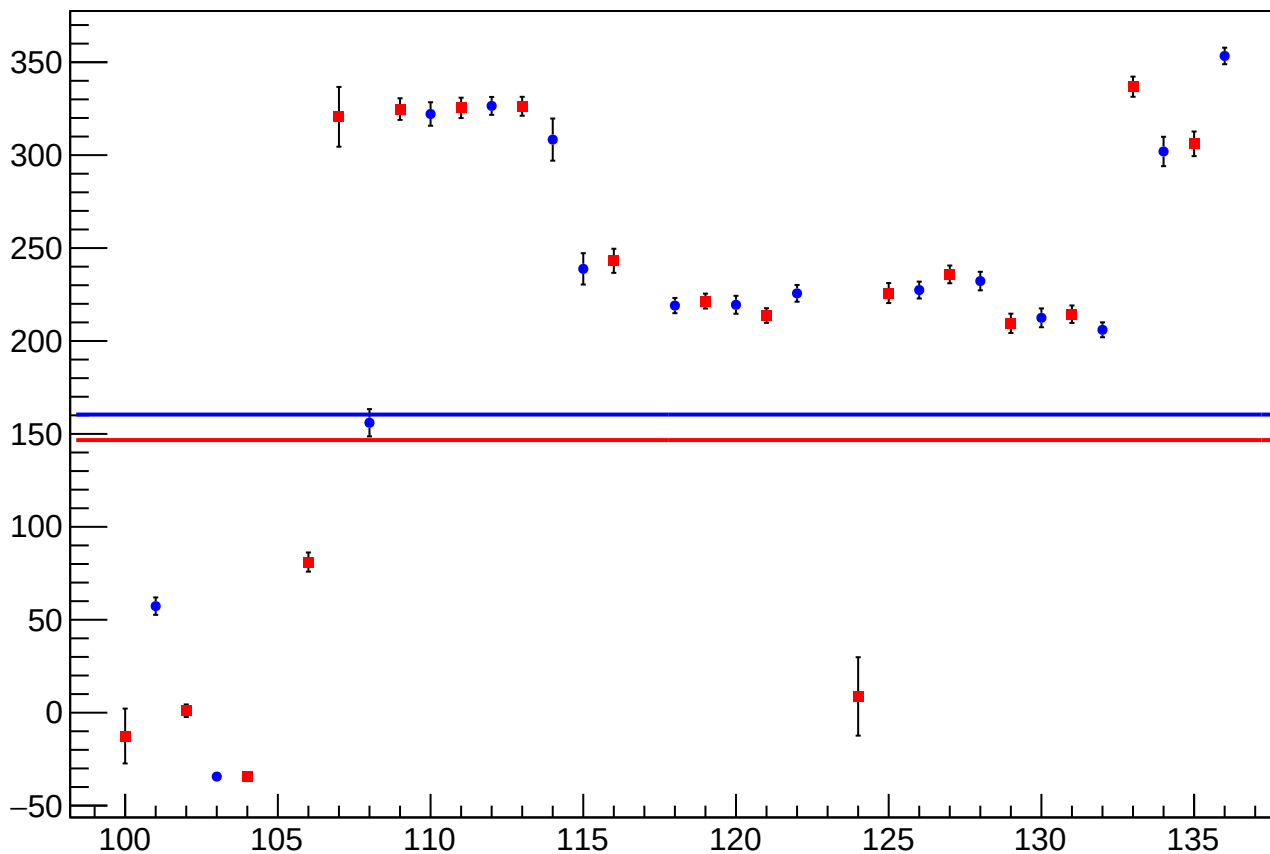
Right: 12.076+/-0.748 χ^2/NDF : 264.0/33

In: 12.842+/-1.076 χ^2/NDF : 143.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.076+/-0.748 χ^2/NDF : 264.0/33

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 160.407 $\pm$ 1.139 χ^2 /NDF: 13949.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 146.676 $\pm$ 1.115 χ^2 /NDF: 15659.3/17

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

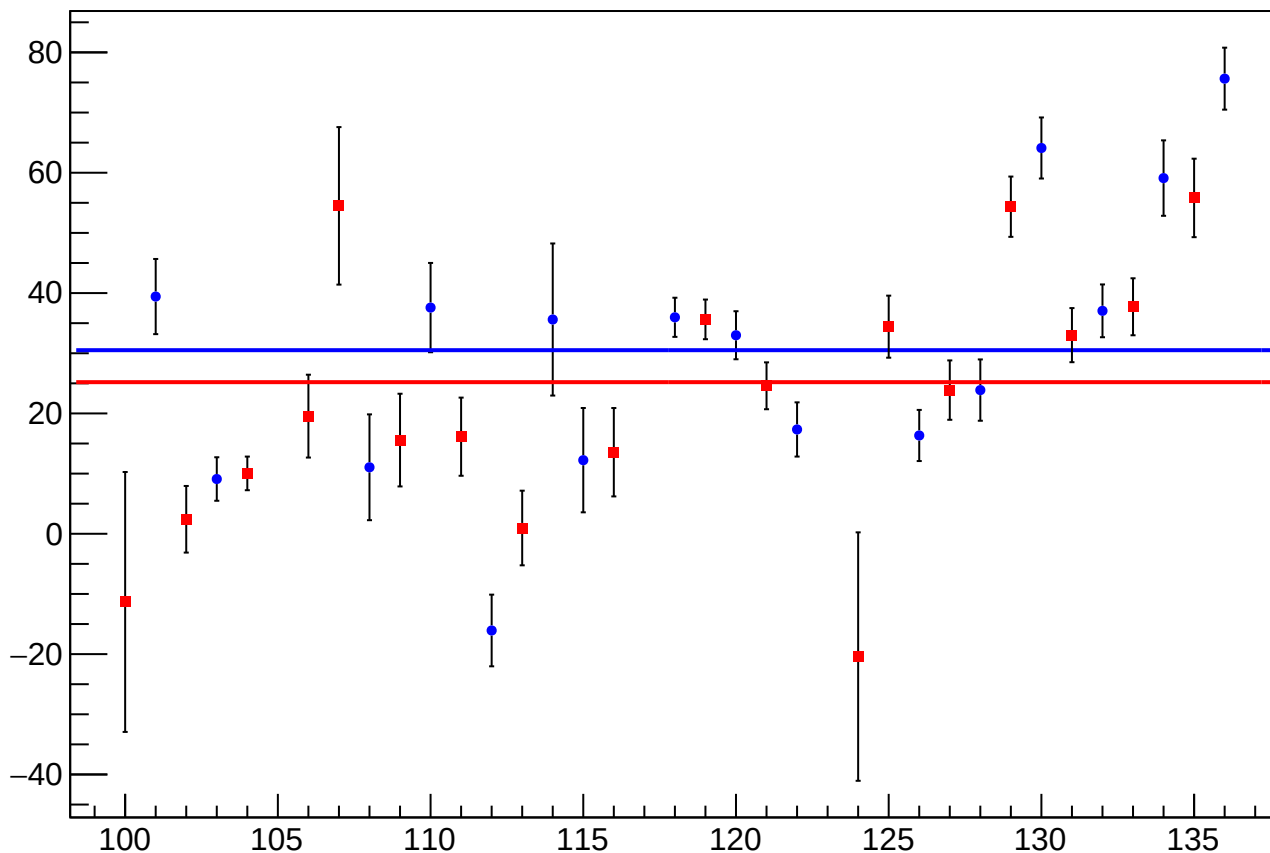
Right: 153.394 $\pm$ 0.797 χ^2 /NDF: 29683.3/33

In: 160.407 $\pm$ 1.139 χ^2 /NDF:13949.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 153.394 $\pm$ 0.797 χ^2 /NDF: 29683.3/33

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 30.510+/-1.255 χ^2/NDF : 276.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.196+/-1.221 χ^2/NDF : 160.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

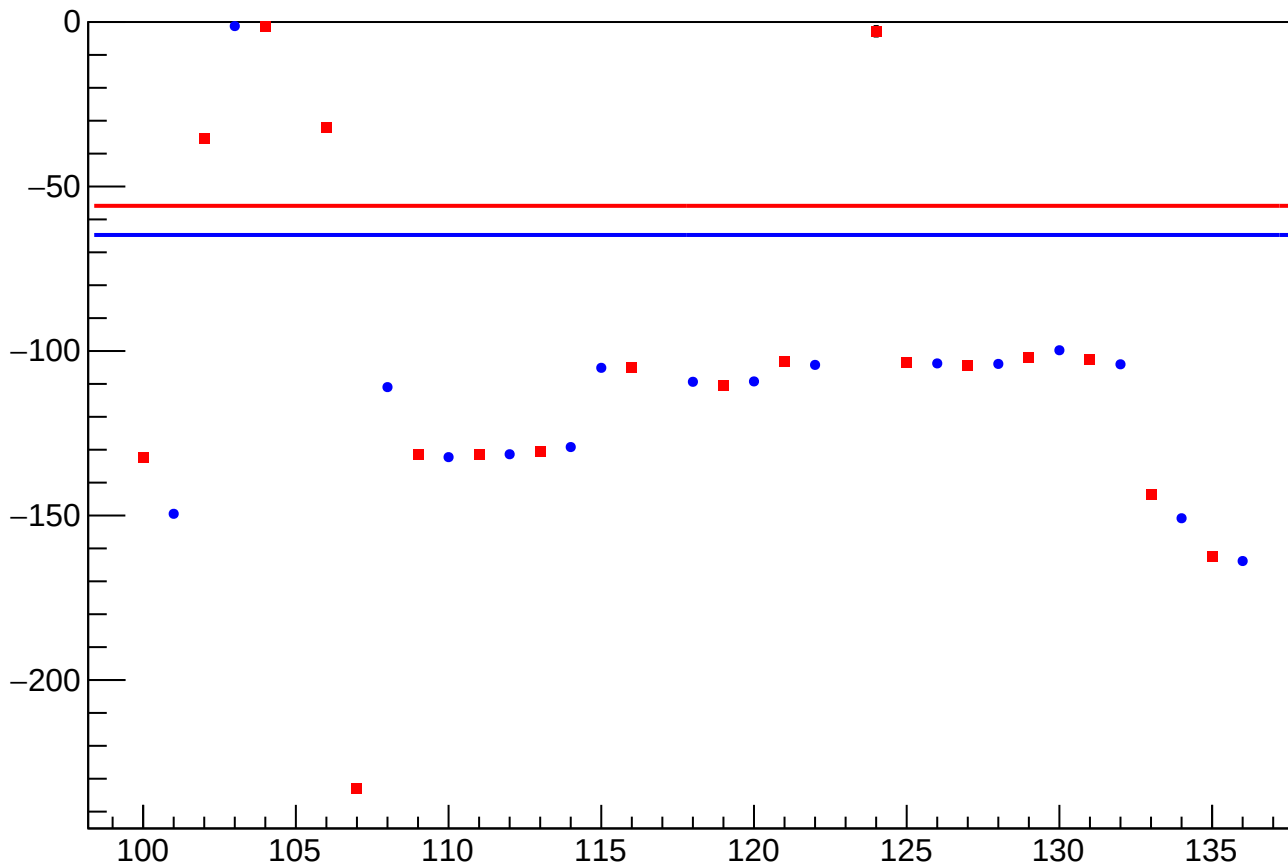
Right: 27.780+/-0.875 χ^2/NDF : 446.5/33

In: 30.510+/-1.255 χ^2/NDF : 276.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.780+/-0.875 χ^2/NDF : 446.5/33

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: -55.871 $\pm$ 0.063 χ^2 /NDF: 821247.8/17

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

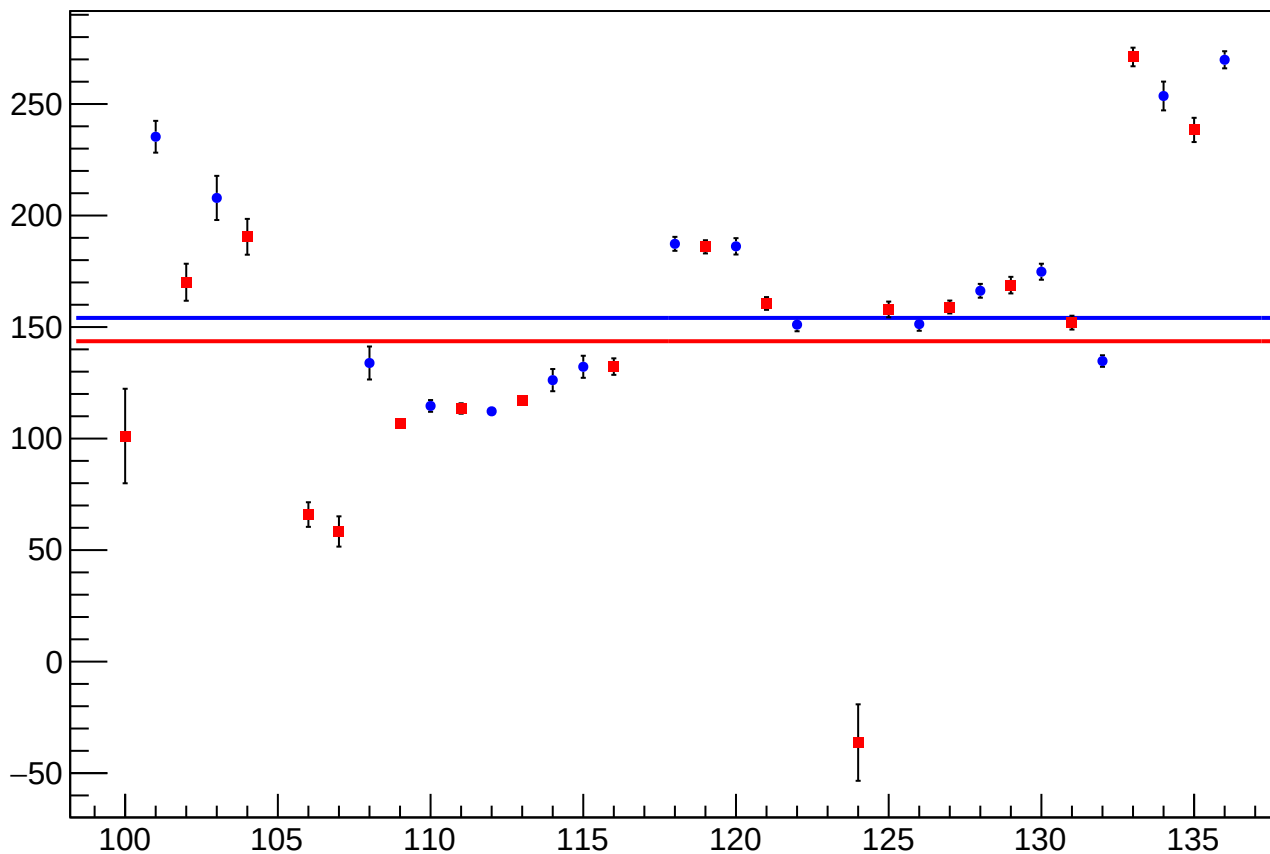
Right: -60.224 $\pm$ 0.045 χ^2 /NDF: 1875486.6/33

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: -60.224 $\pm$ 0.045 χ^2 /NDF: 1875486.6/33

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: 143.647 $\pm$ 0.831 χ^2 /NDF: 2682.4/17

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

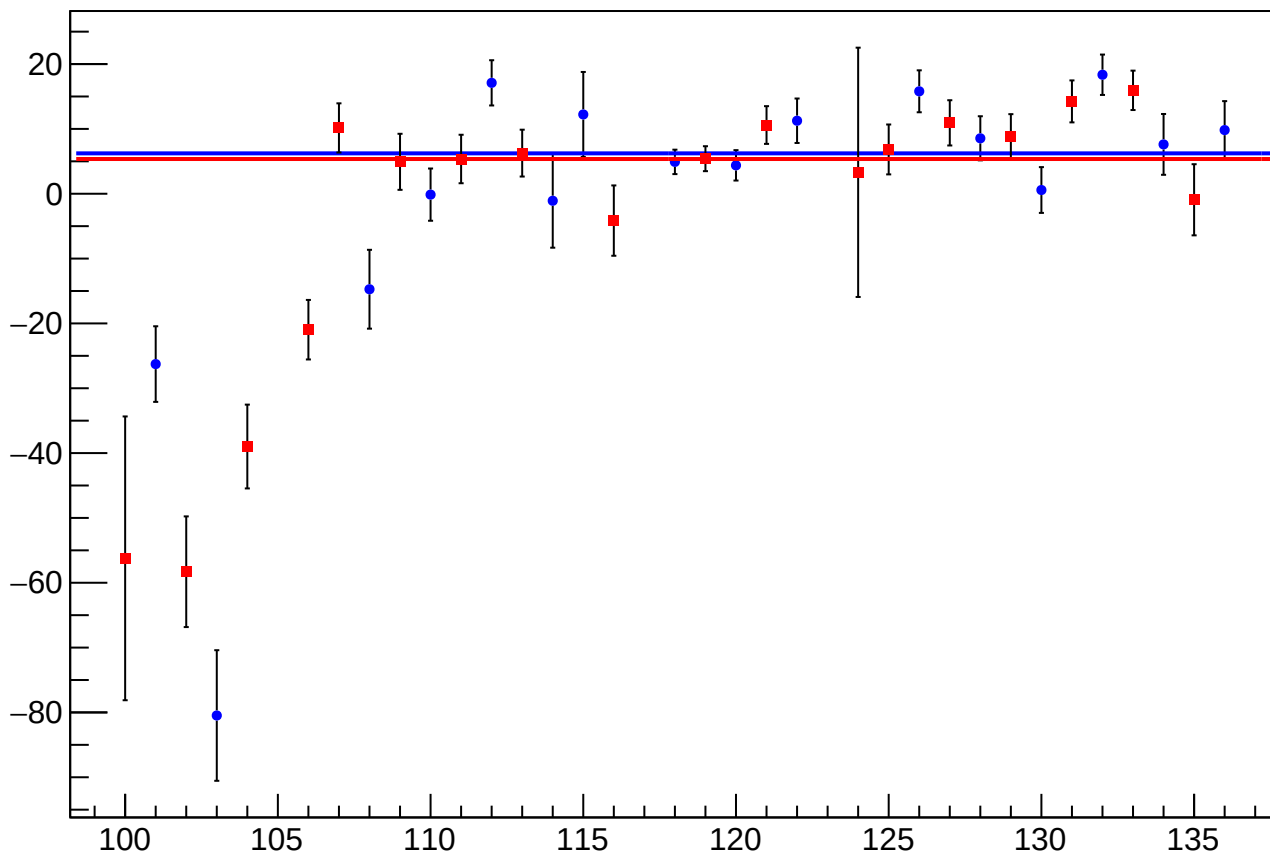
Right: 148.635 $\pm$ 0.600 χ^2 /NDF: 5039.1/33

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: 148.635 $\pm$ 0.600 χ^2 /NDF: 5039.1/33

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 6.229 $\pm$ 0.890 χ^2 /NDF: 162.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 5.357 $\pm$ 0.894 χ^2 /NDF: 176.2/17

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

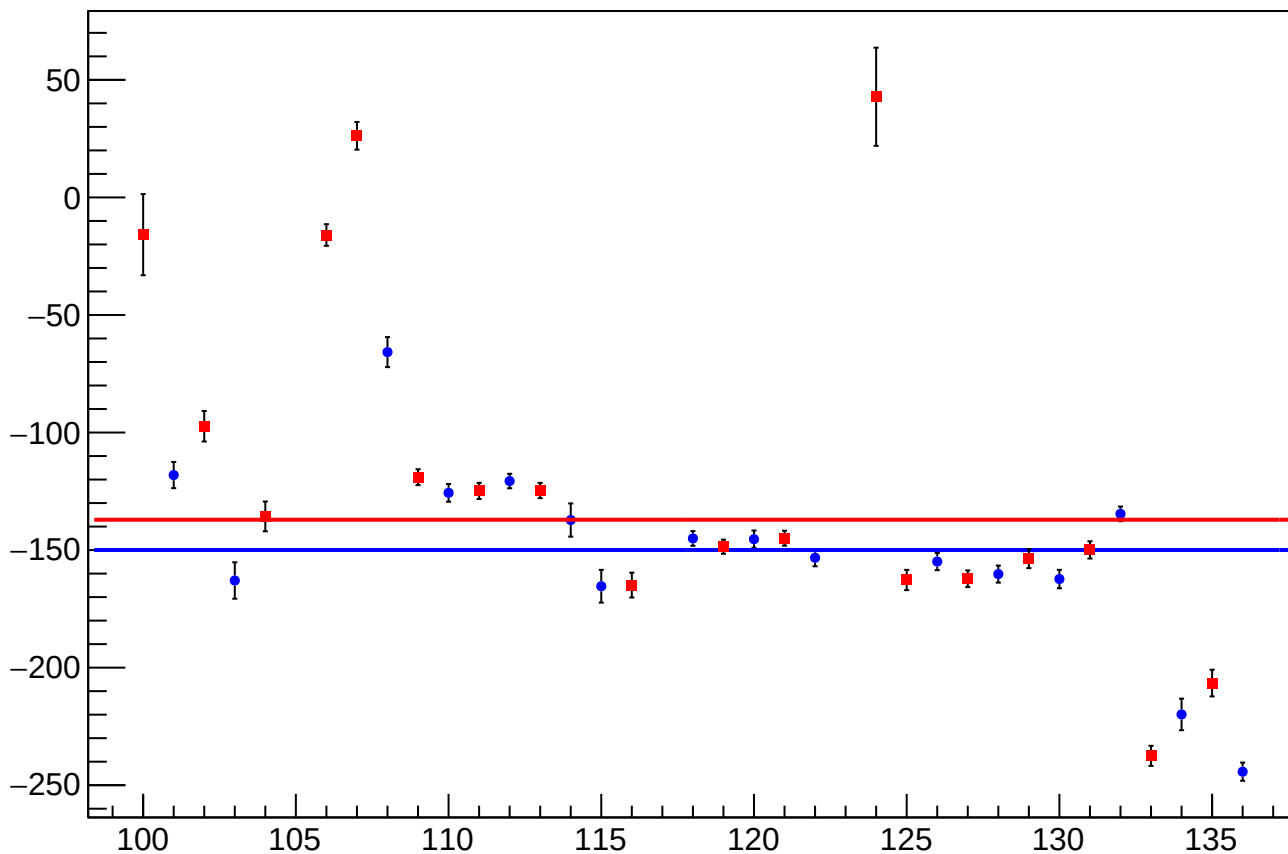
Right: 5.795 $\pm$ 0.631 χ^2 /NDF: 338.7/33

In: 6.229 $\pm$ 0.890 χ^2 /NDF:162.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 5.795 $\pm$ 0.631 χ^2 /NDF: 338.7/33

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: -137.089 ± 1.001 χ^2/NDF : 2542.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

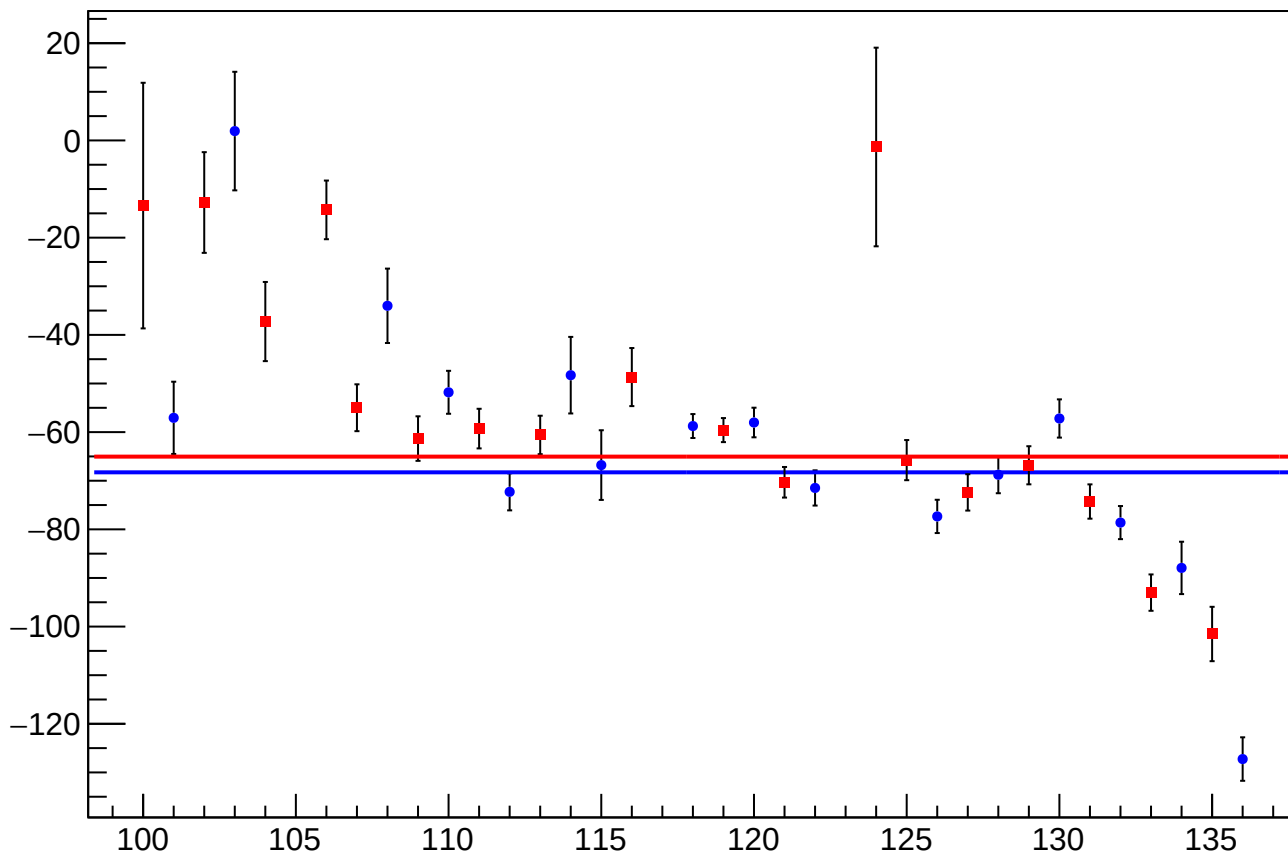
Right: -143.376 ± 0.717 χ^2/NDF : 3723.0/33

In: -149.970 ± 1.026 χ^2/NDF : 1099.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -143.376 ± 0.717 χ^2/NDF : 3723.0/33

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -68.272 $\pm$ 1.033 χ^2 /NDF: 315.4/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -65.041 $\pm$ 1.030 χ^2 /NDF: 254.7/17

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

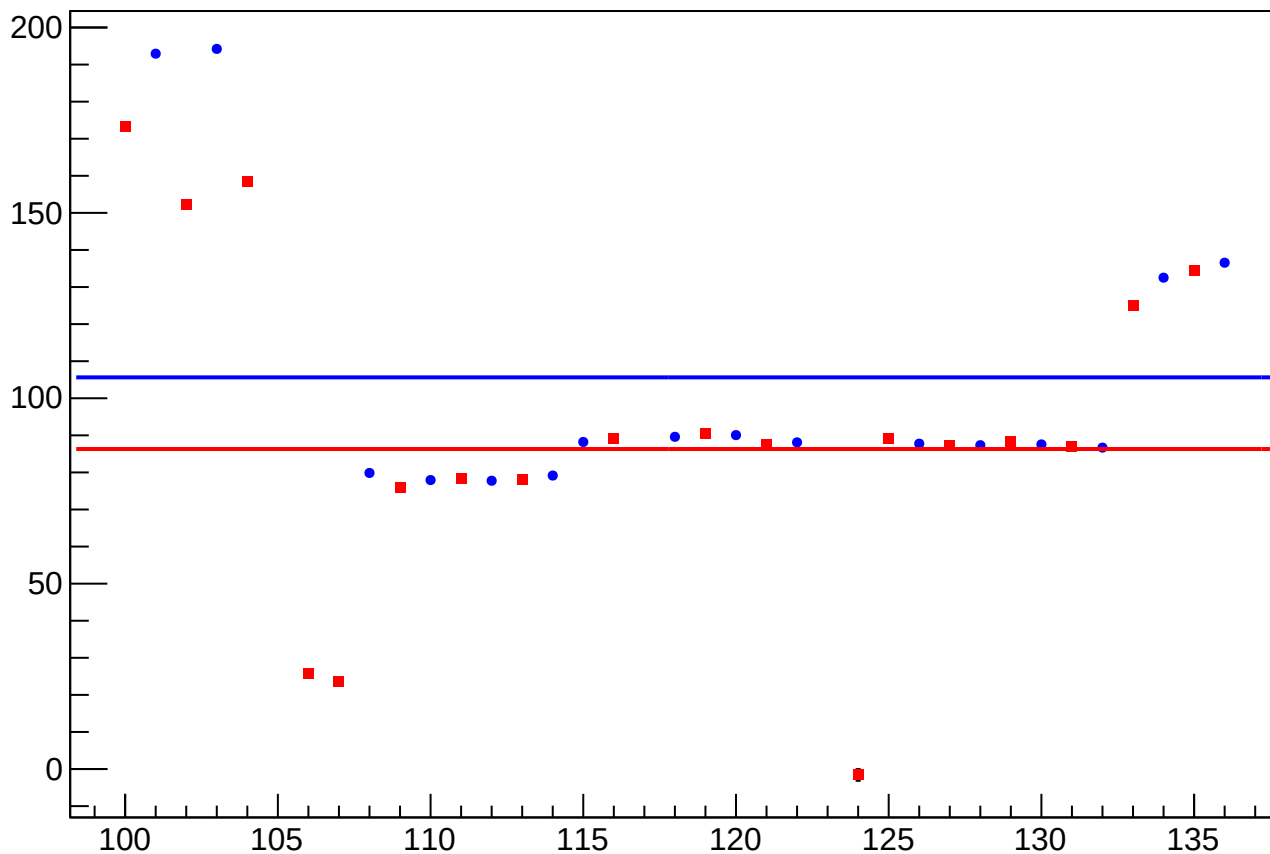
Right: -66.651 $\pm$ 0.729 χ^2 /NDF: 575.0/33

In: -68.272 $\pm$ 1.033 χ^2 /NDF:315.4/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -66.651 $\pm$ 0.729 χ^2 /NDF: 575.0/33

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: 86.315 $\pm$ 0.067 χ^2 /NDF: 359590.7/17

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

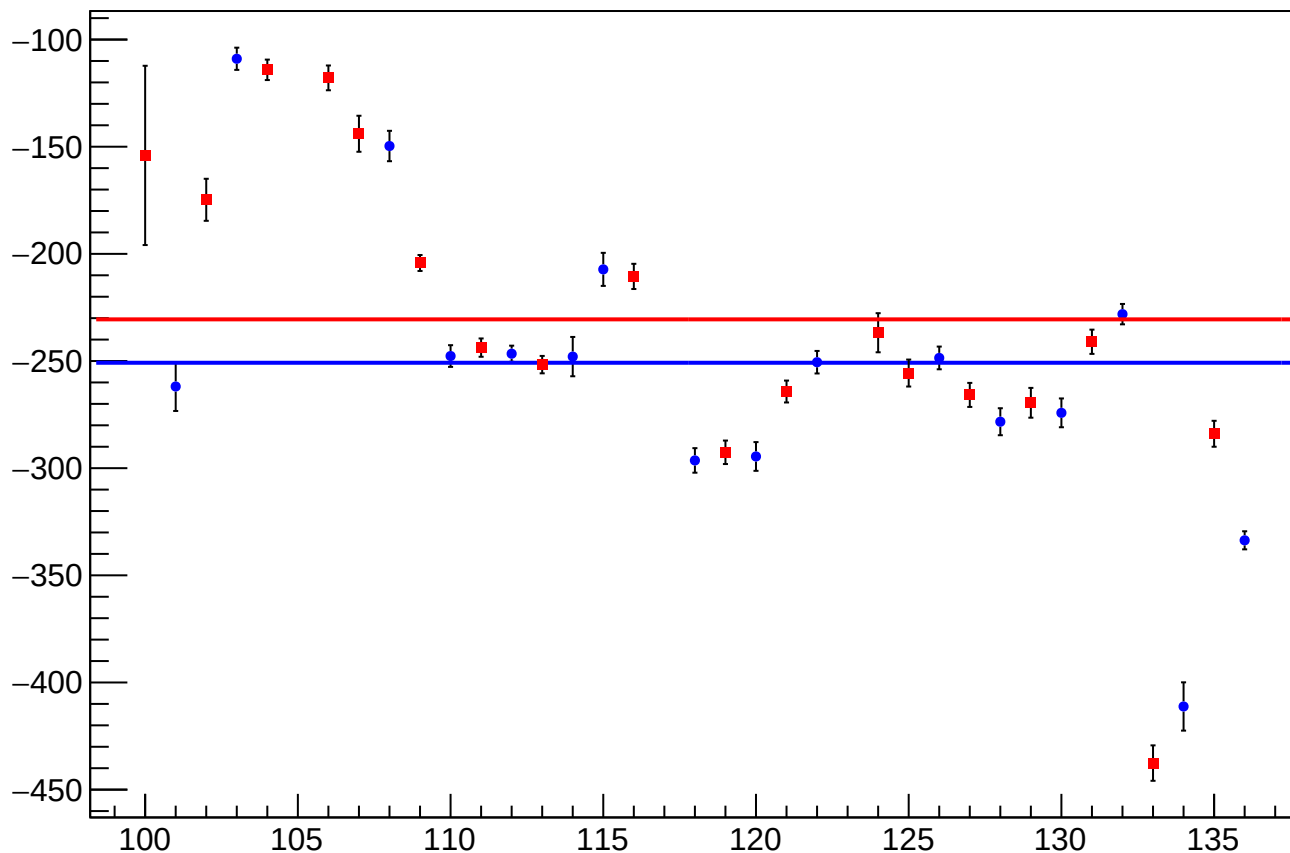
Right: 95.378 $\pm$ 0.049 χ^2 /NDF: 638730.3/33

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: 95.378 $\pm$ 0.049 χ^2 /NDF: 638730.3/33

reg_asym_atr_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -250.812 ± 1.438 χ^2/NDF : 1735.7/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -230.564 ± 1.349 χ^2/NDF : 2182.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

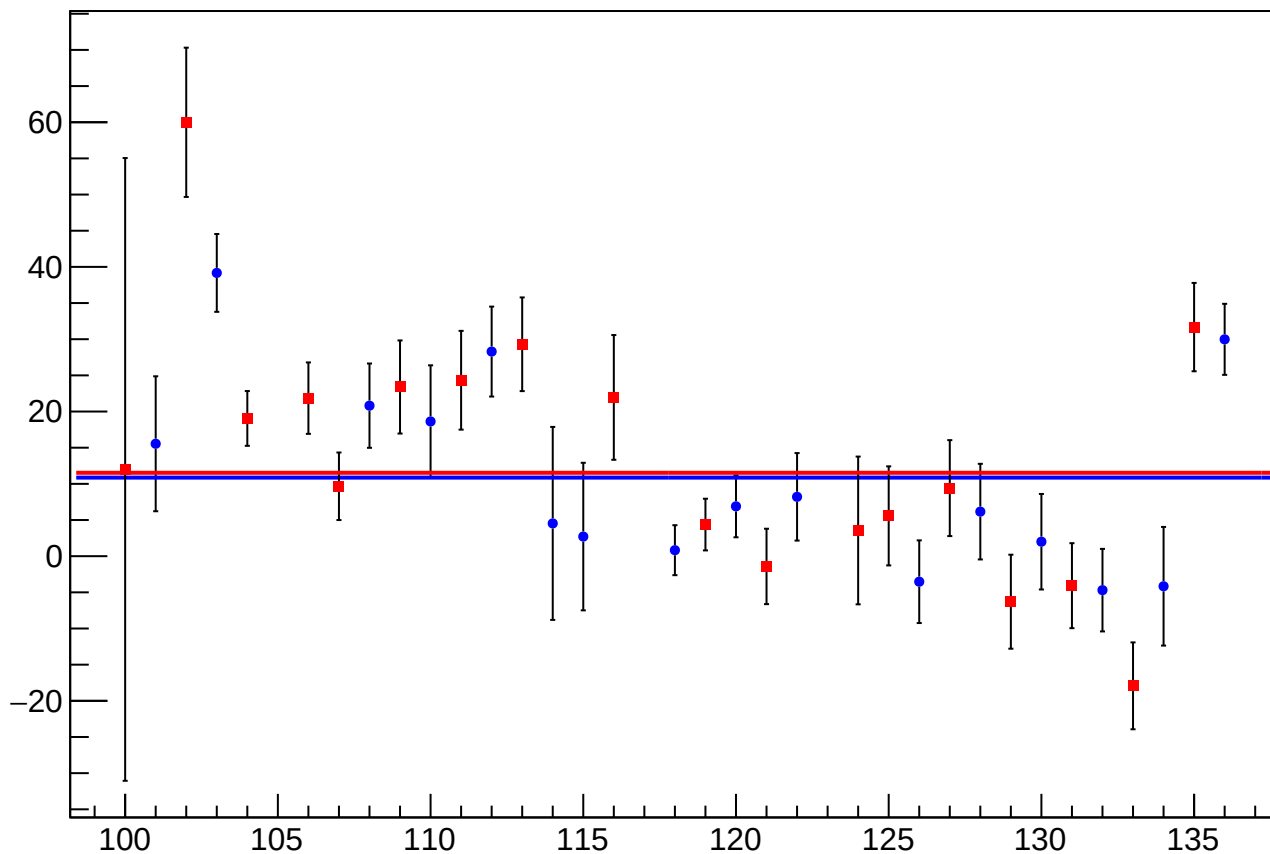
Right: -240.037 ± 0.984 χ^2/NDF : 4023.4/33

In: -250.812 ± 1.438 χ^2/NDF : 1735.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -240.037 ± 0.984 χ^2/NDF : 4023.4/33

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 10.864+/-1.471 χ^2/NDF : 84.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.533+/-1.380 χ^2/NDF : 107.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

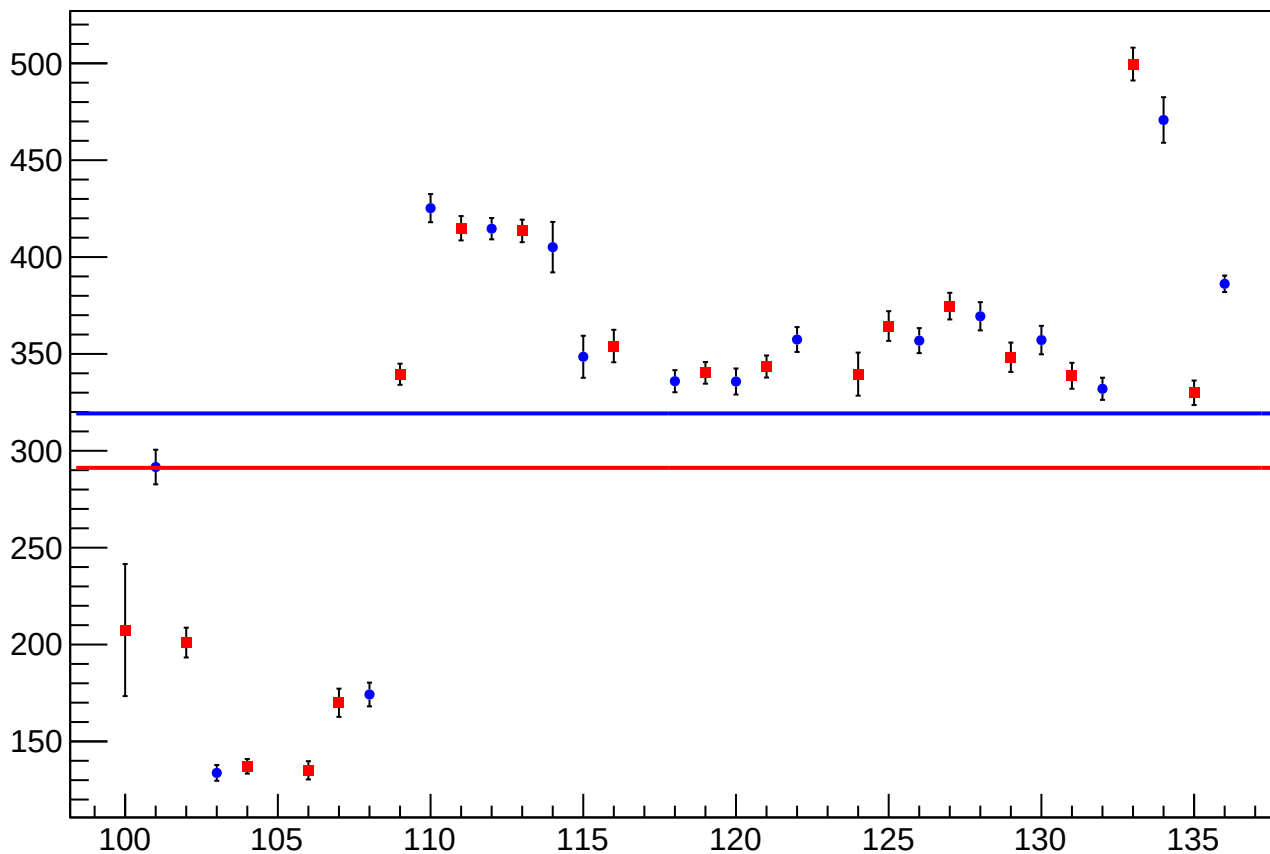
Right: 11.220+/-1.006 χ^2/NDF : 192.3/33

In: 10.864+/-1.471 χ^2/NDF : 84.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.220+/-1.006 χ^2/NDF : 192.3/33

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: 291.206+/-1.503 χ^2/NDF : 5325.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

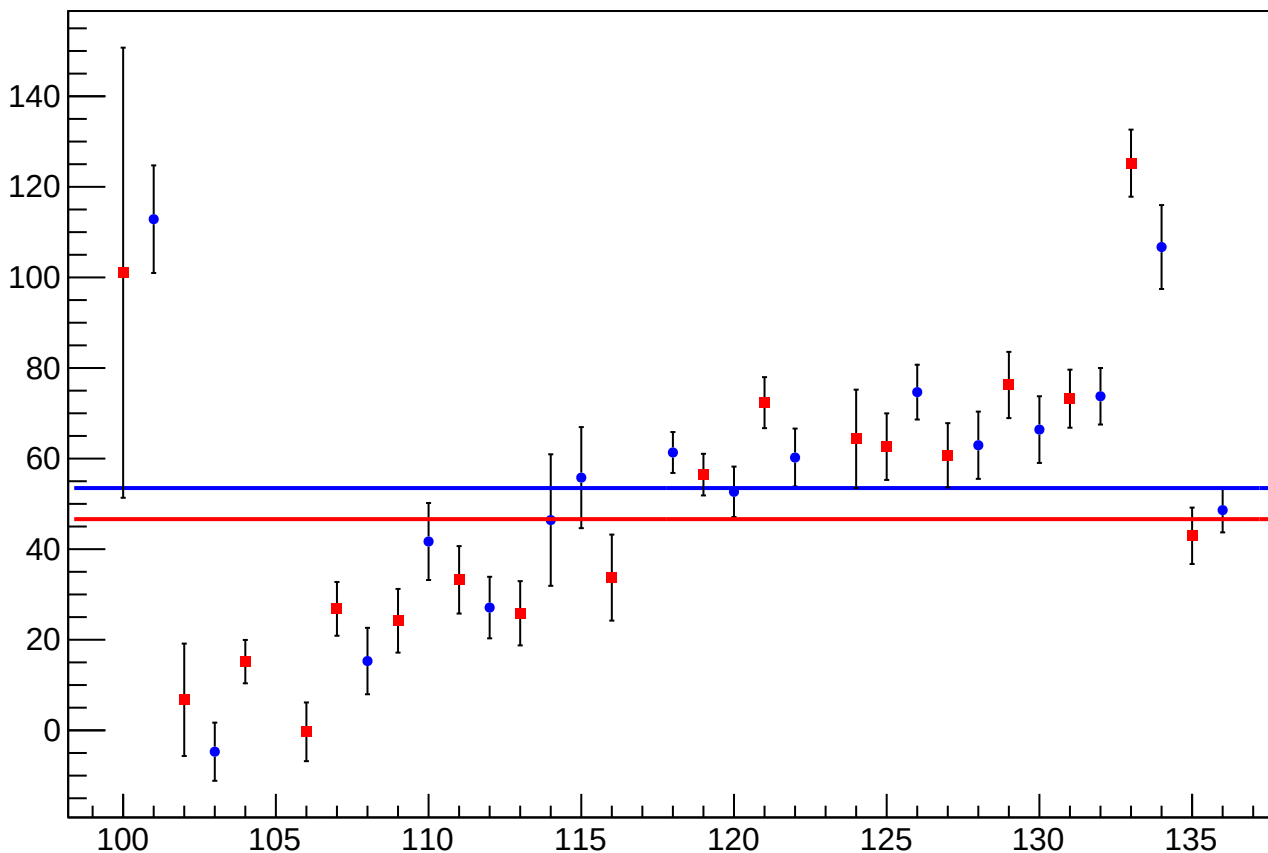
Right: 304.493+/-1.091 χ^2/NDF : 9284.0/33

In: 319.293+/-1.586 χ^2/NDF : 3792.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.493+/-1.091 χ^2/NDF : 9284.0/33

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: 46.631+/-1.612 χ^2/NDF : 325.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

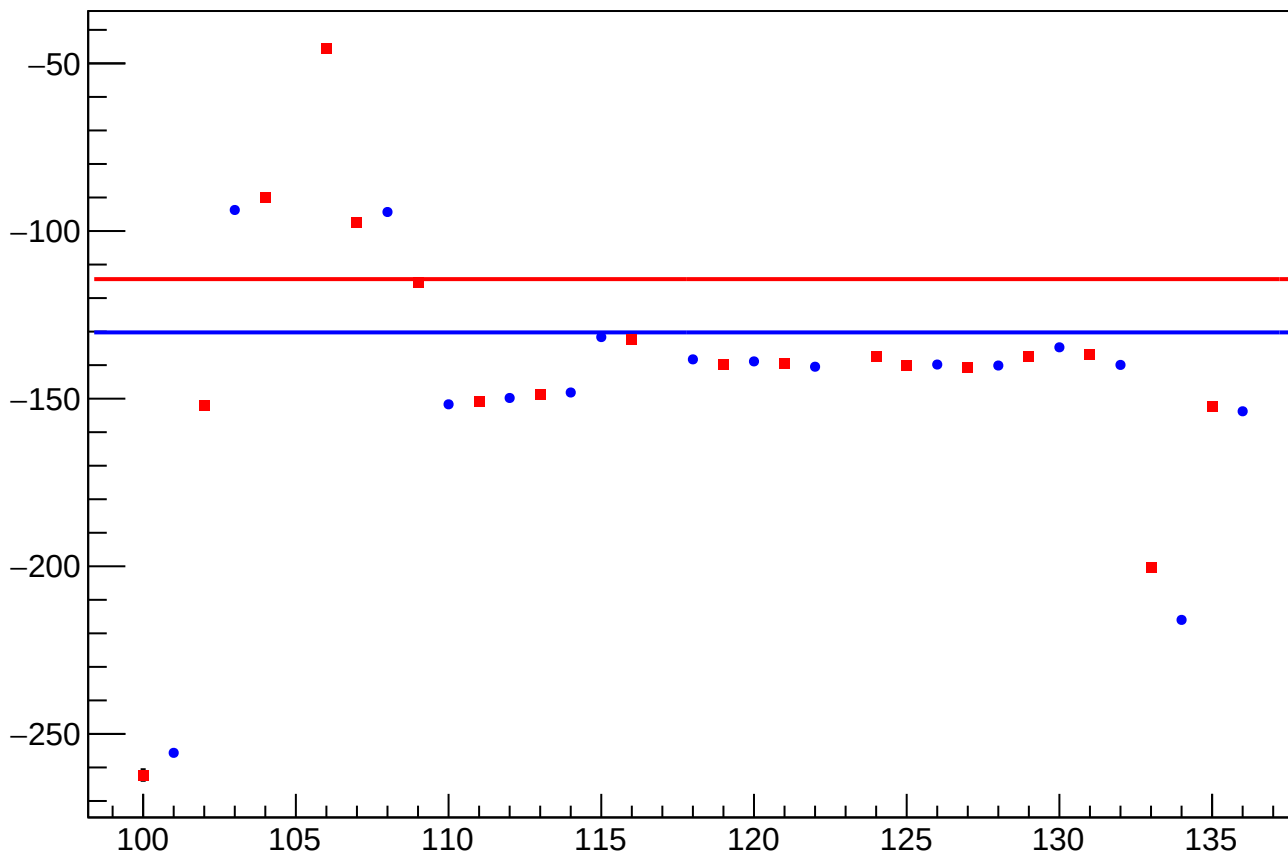
Right: 49.883+/-1.169 χ^2/NDF : 551.4/33

In: 53.494+/-1.699 χ^2/NDF : 217.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.883+/-1.169 χ^2/NDF : 551.4/33

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: -114.345+/-0.087 χ^2 /NDF: 197948.1/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

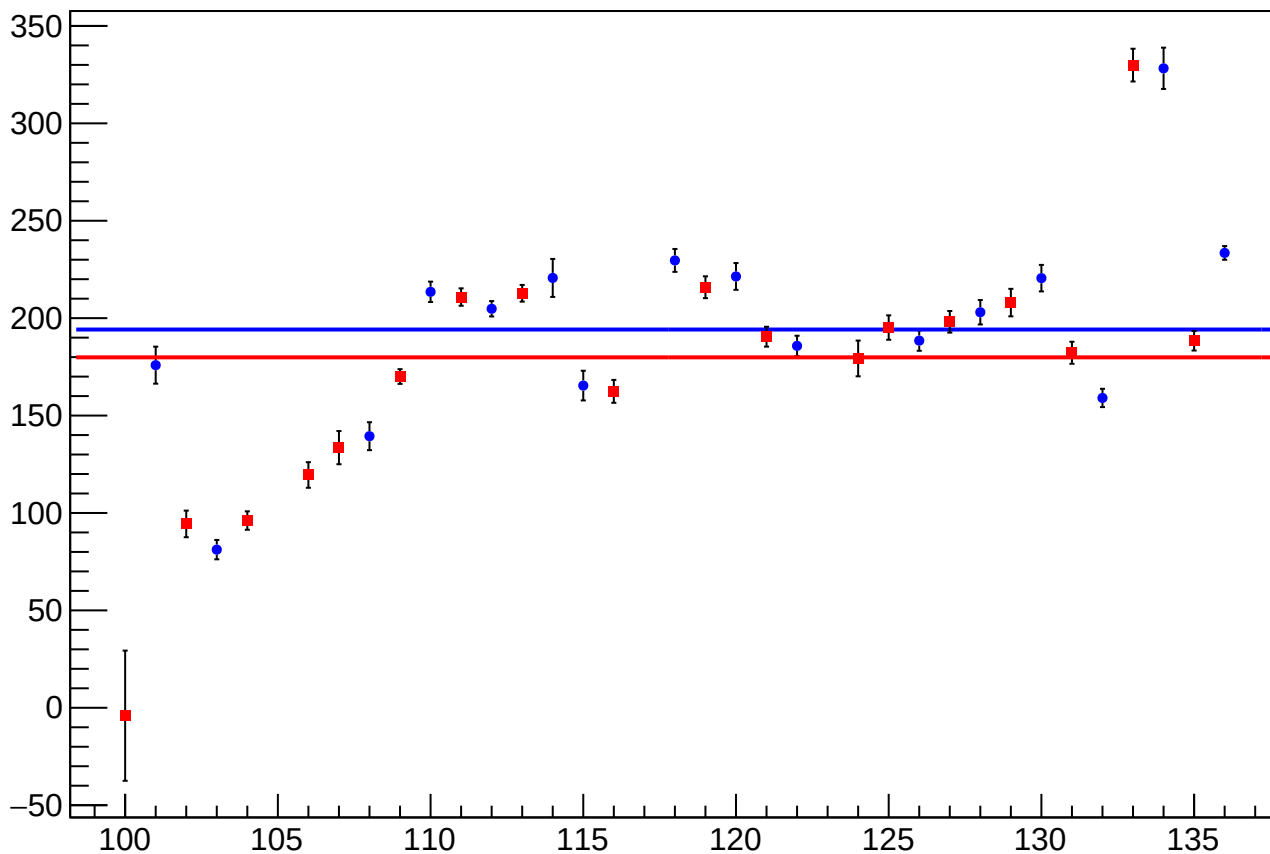
Right: -121.963+/-0.063 χ^2 /NDF: 388006.0/33

In: -130.236+/-0.091 χ^2 /NDF:174208.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -121.963+/-0.063 χ^2 /NDF: 388006.0/33

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: 179.889+/-1.345 χ^2/NDF : 1136.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

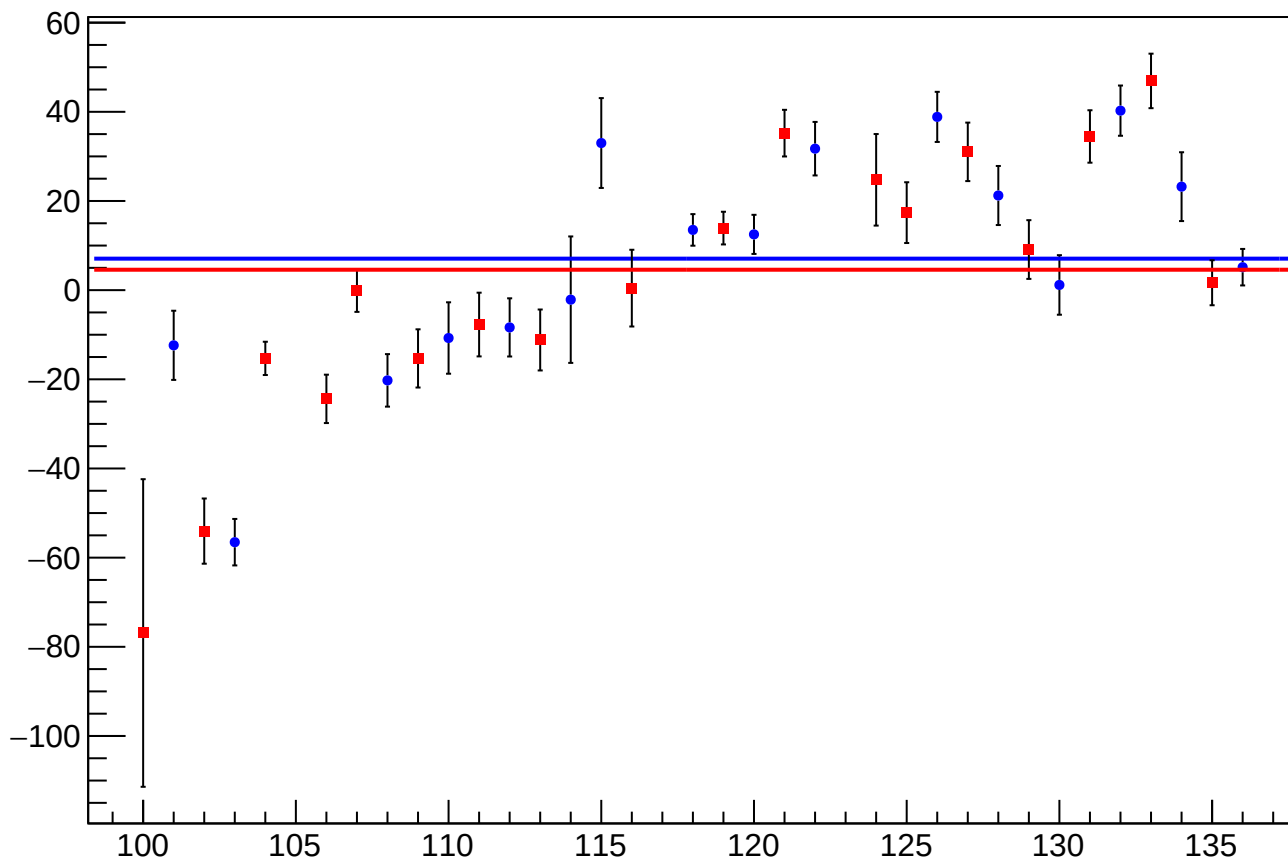
Right: 186.705+/-0.972 χ^2/NDF : 2225.3/33

In: 194.164+/-1.407 χ^2/NDF : 1035.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.705+/-0.972 χ^2/NDF : 2225.3/33

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: 4.579+/-1.373 χ^2/NDF : 284.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

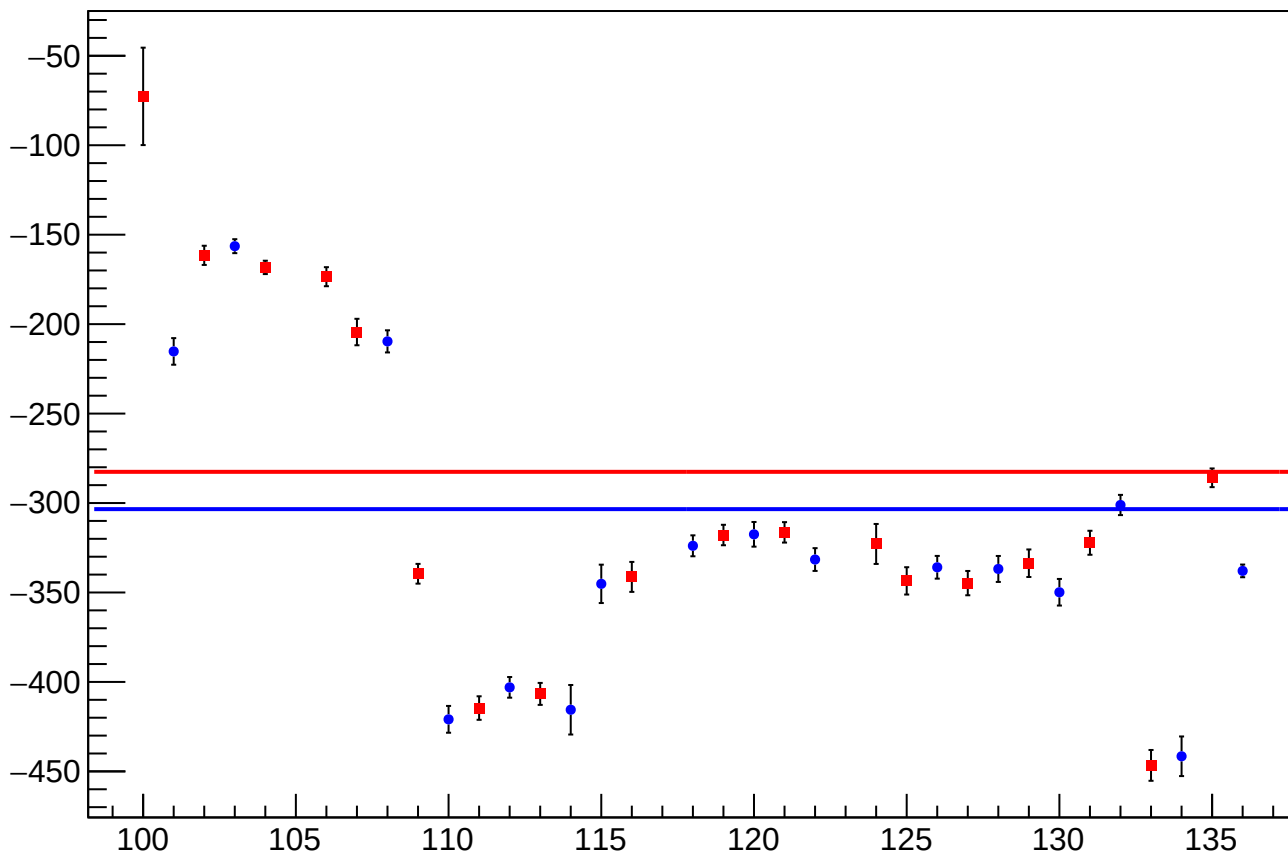
Right: 5.760+/-0.994 χ^2/NDF : 578.7/33

In: 7.066+/-1.443 χ^2/NDF : 292.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.760+/-0.994 χ^2/NDF : 578.7/33

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: -282.559+/-1.482 χ^2/NDF : 3680.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

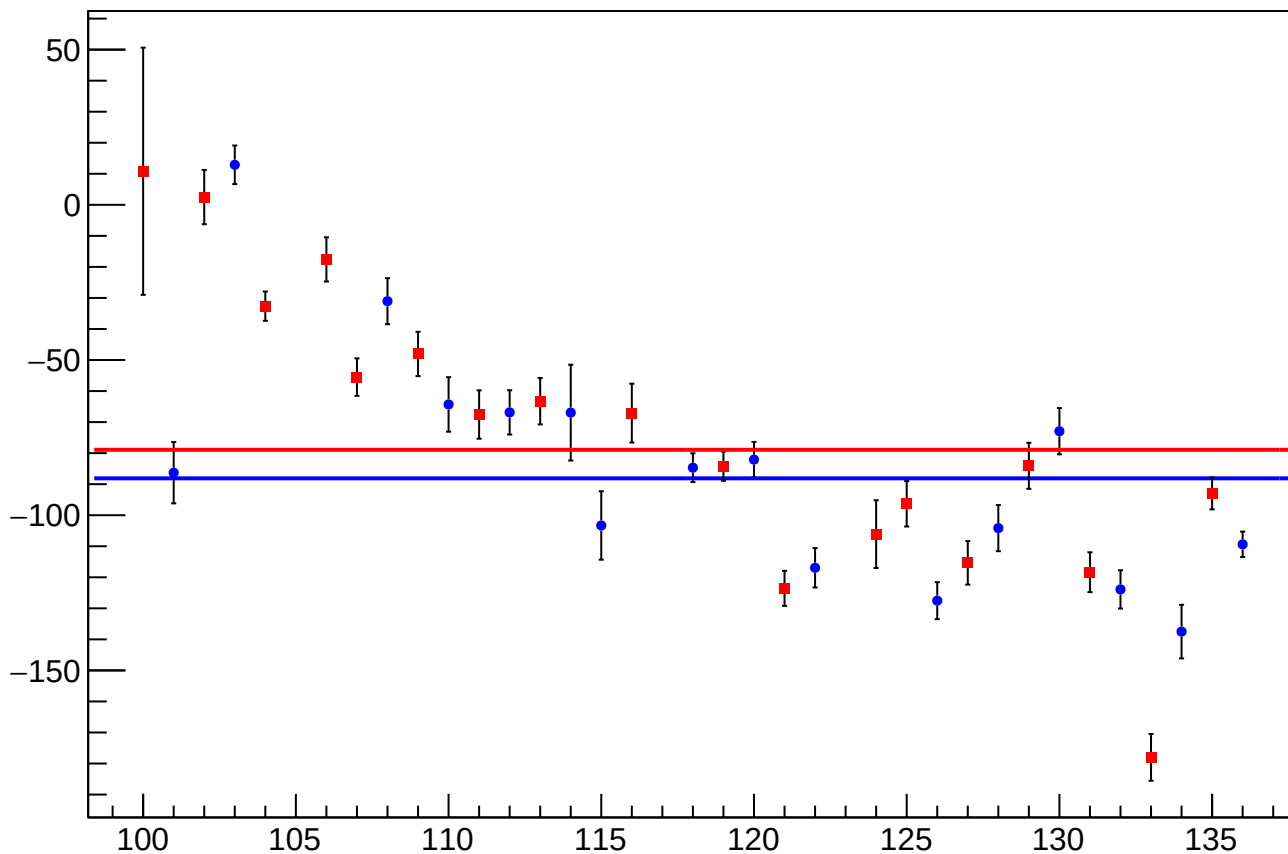
Right: -292.649+/-1.064 χ^2/NDF : 6561.9/33

In: -303.408+/-1.530 χ^2/NDF : 2785.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -292.649+/-1.064 χ^2/NDF : 6561.9/33

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -88.119 ± 1.655 $\chi^2/\text{NDF}: 511.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -78.921 ± 1.596 $\chi^2/\text{NDF}: 625.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

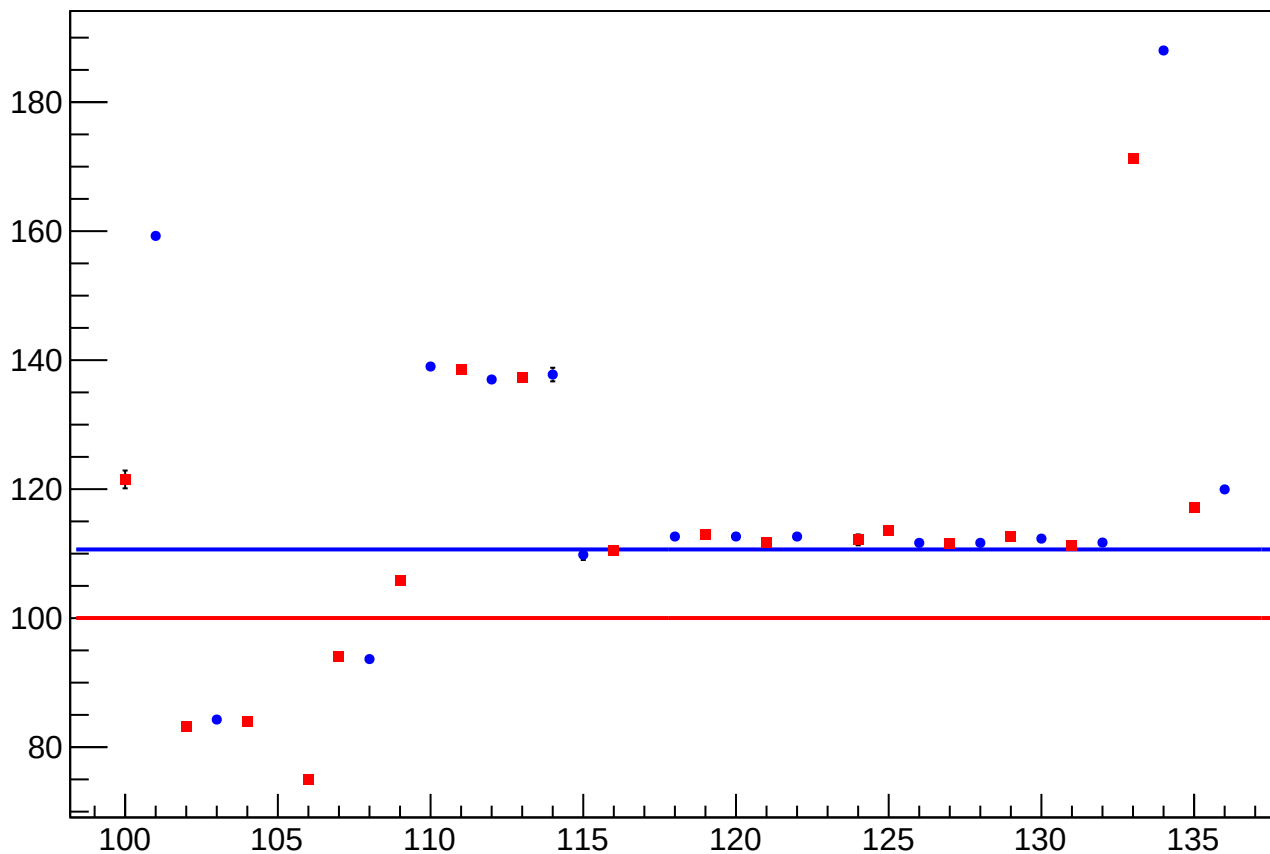
Right: -83.353 ± 1.149 $\chi^2/\text{NDF}: 1153.1/33$

In: -88.119 ± 1.655 $\chi^2/\text{NDF}: 511.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -83.353 ± 1.149 $\chi^2/\text{NDF}: 1153.1/33$

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: 100.017+/-0.083 χ^2/NDF : 59566.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

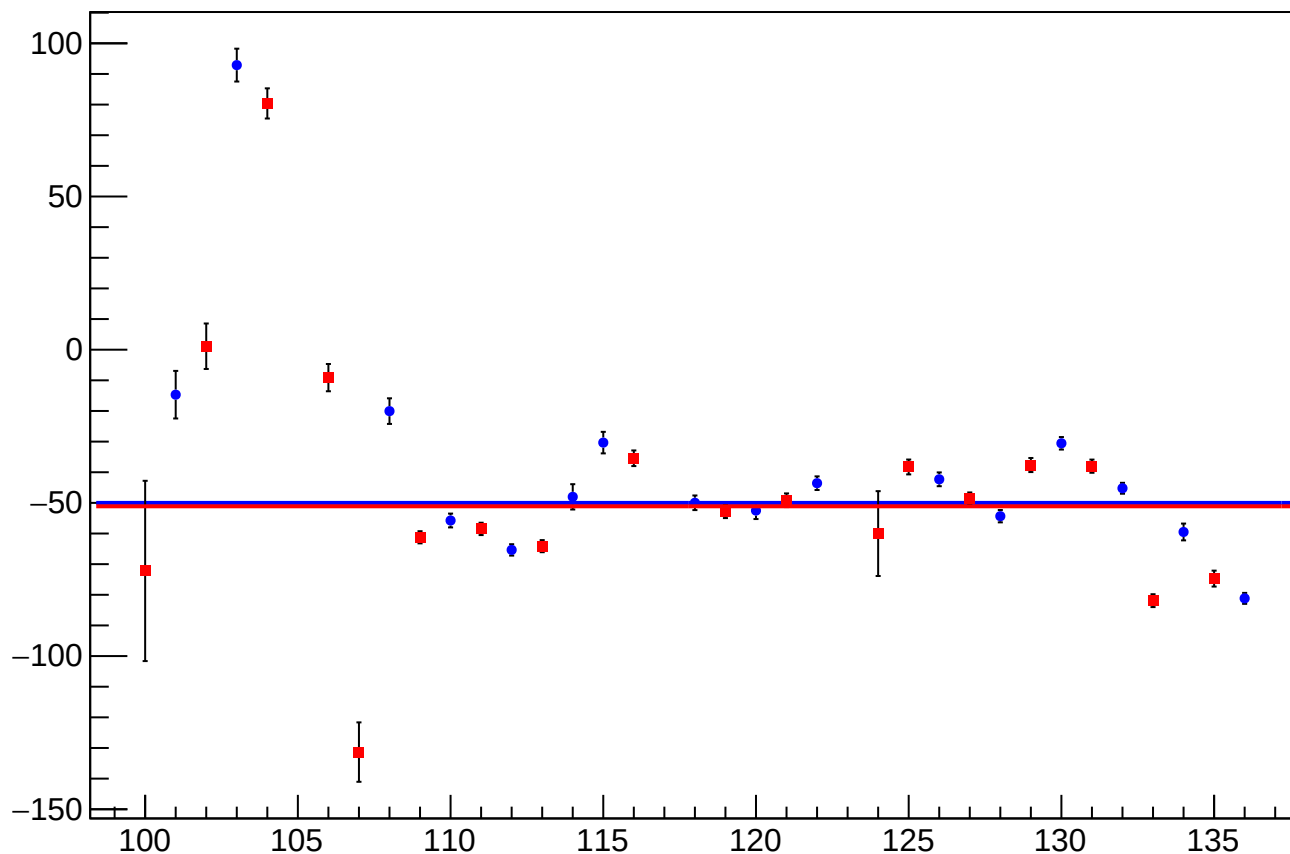
Right: 105.166+/-0.060 χ^2/NDF : 151007.9/33

In: 110.651+/-0.086 χ^2/NDF : 83521.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.166+/-0.060 χ^2/NDF : 151007.9/33

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: -51.116 ± 0.613 $\chi^2/\text{NDF}: 1442.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

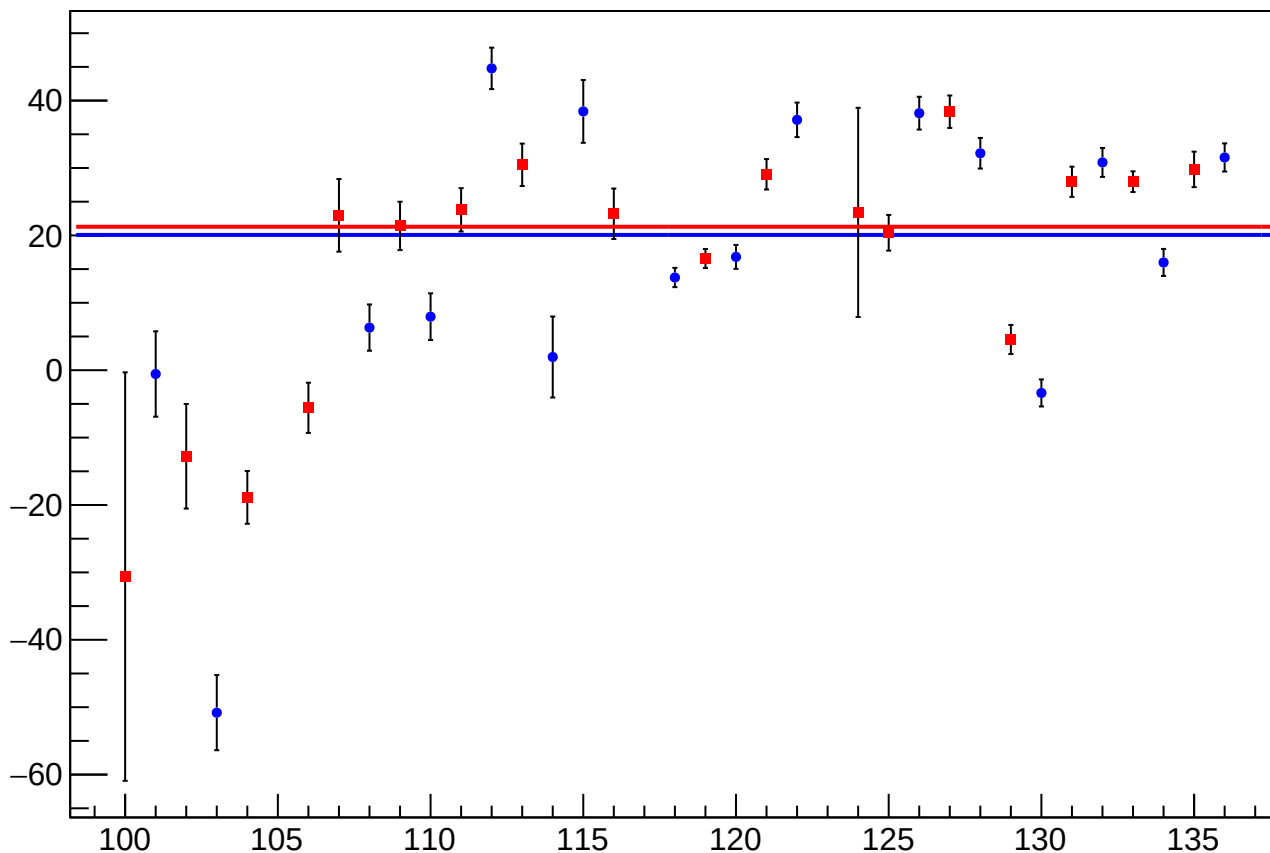
Right: -50.559 ± 0.432 $\chi^2/\text{NDF}: 2771.1/33$

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: -50.559 ± 0.432 $\chi^2/\text{NDF}: 2771.1/33$

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: 21.283+/-0.628 χ^2 /NDF: 360.9/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

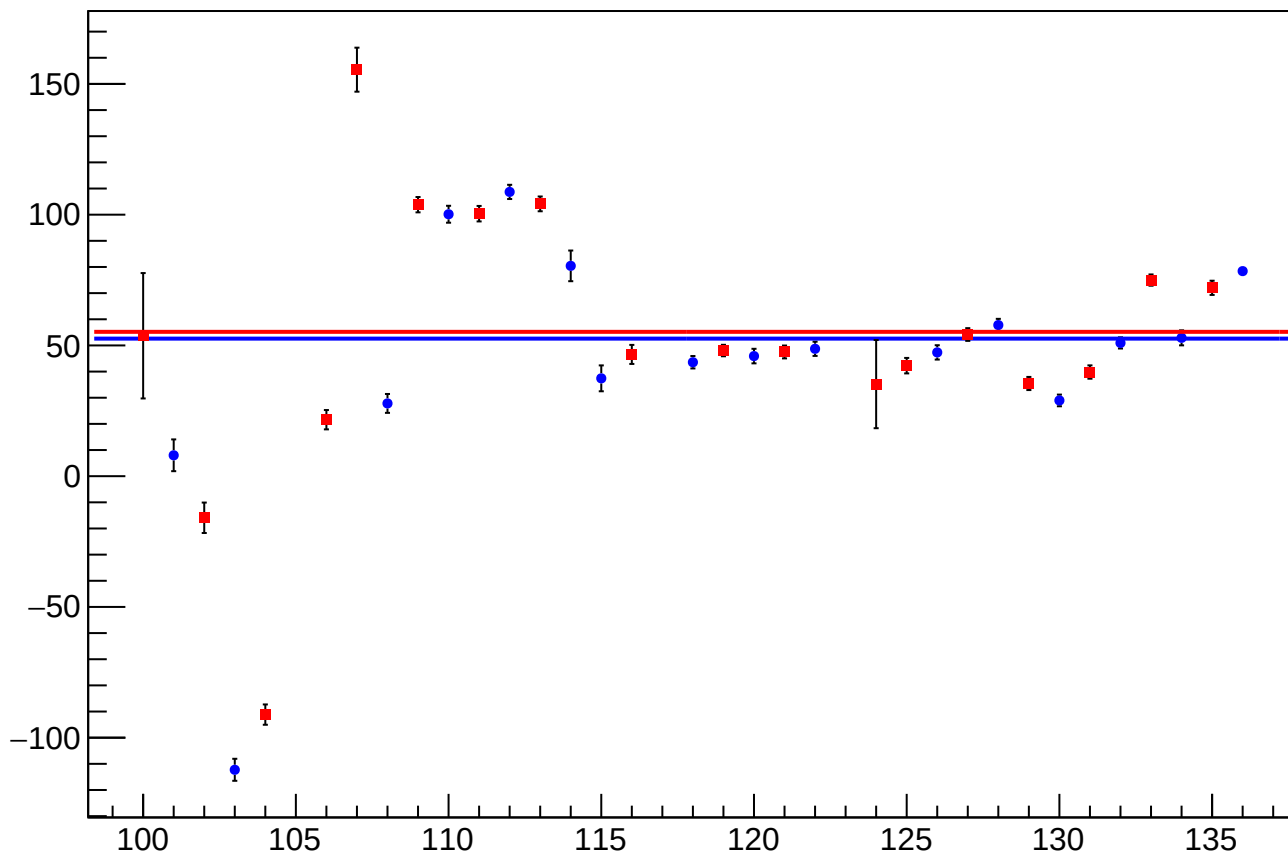
Right: 20.662+/-0.438 χ^2 /NDF: 999.0/33

In: 20.072+/-0.612 χ^2 /NDF:636.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 20.662+/-0.438 χ^2 /NDF: 999.0/33

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 52.605+/-0.696 χ^2/NDF : 2659.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.198+/-0.718 χ^2/NDF : 2869.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

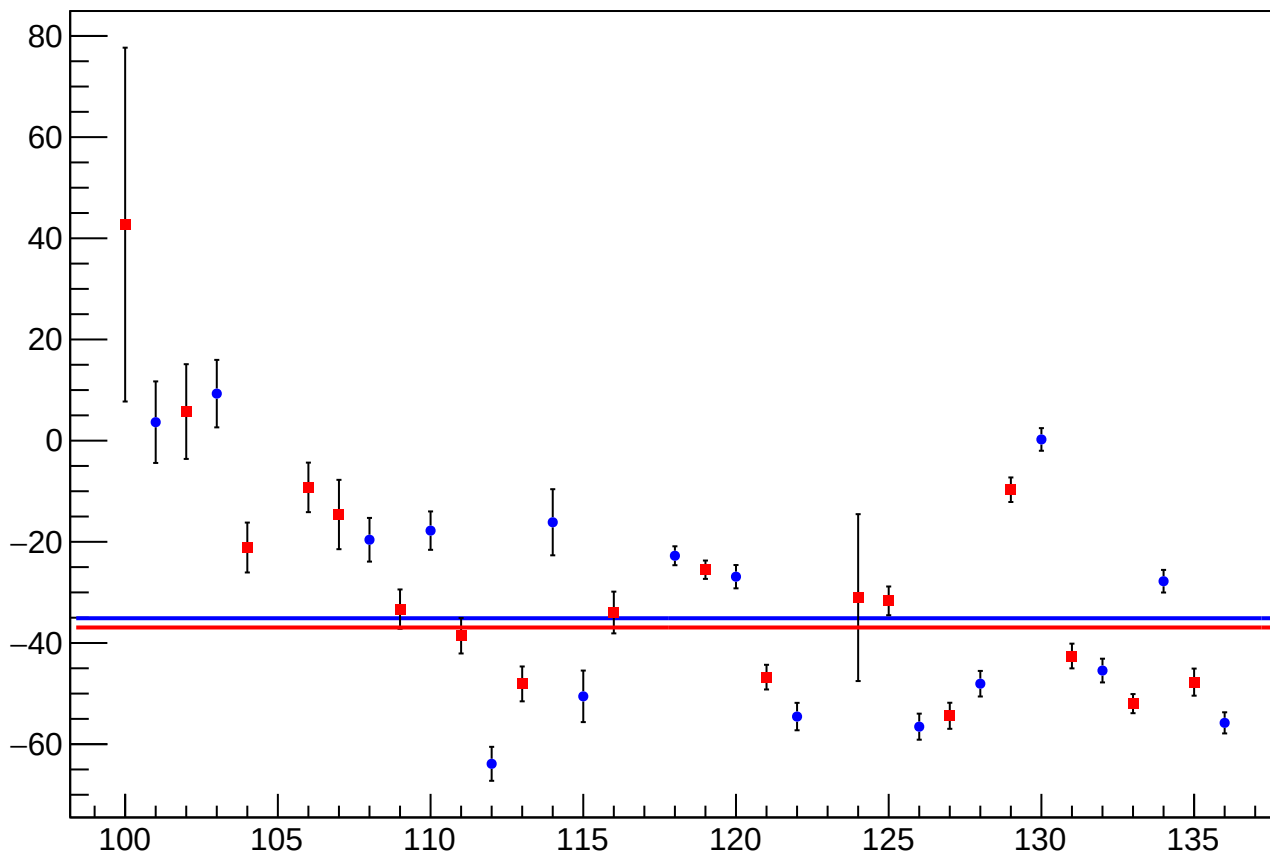
Right: 53.862+/-0.500 χ^2/NDF : 5535.7/33

In: 52.605+/-0.696 χ^2/NDF : 2659.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.862+/-0.500 χ^2/NDF : 5535.7/33

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: -36.933 $\pm$ 0.723 χ^2 /NDF: 407.2/17

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

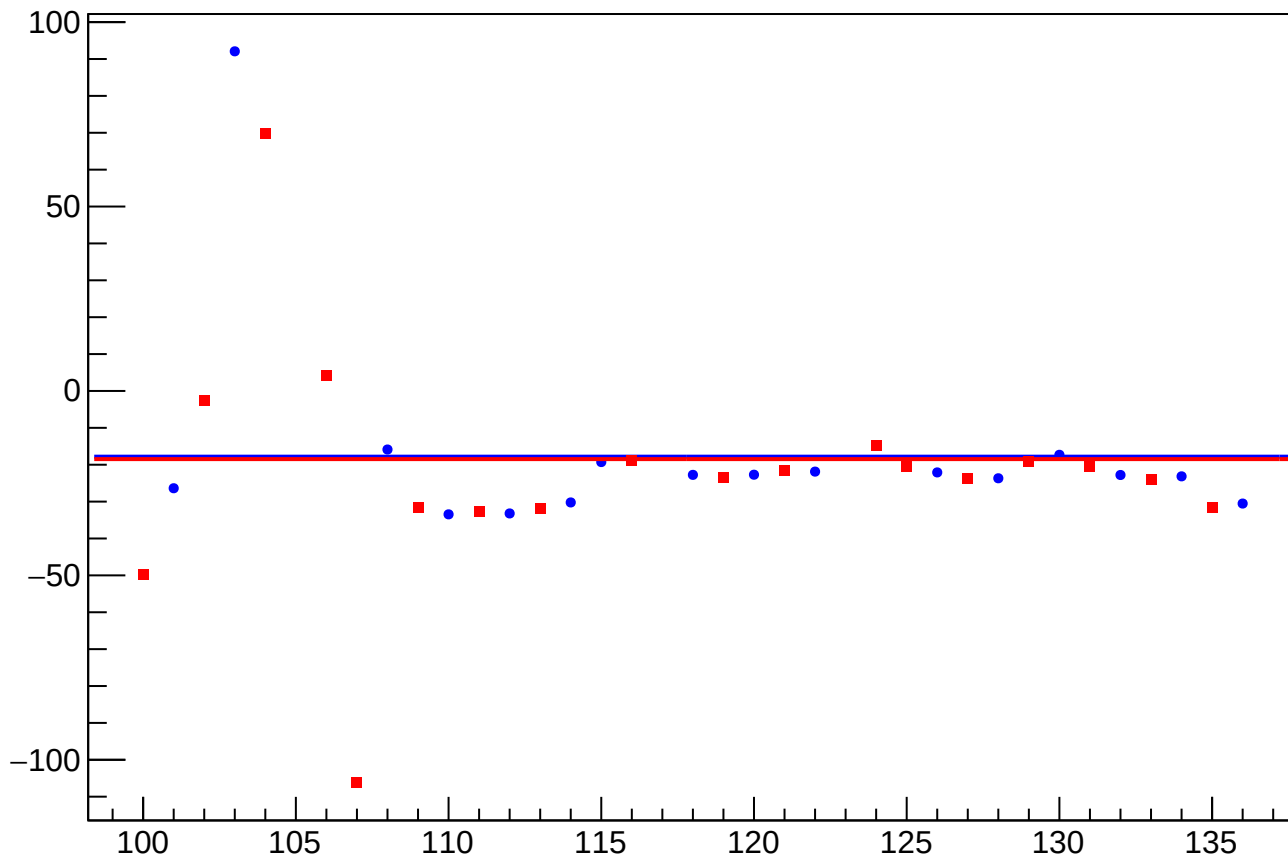
Right: -35.989 $\pm$ 0.503 χ^2 /NDF: 1183.7/33

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: -35.989 $\pm$ 0.503 χ^2 /NDF: 1183.7/33

reg_asym_at1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -17.817 $\pm$ 0.043 χ^2 /NDF: 426105.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -18.477 $\pm$ 0.048 χ^2 /NDF: 339394.3/17

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

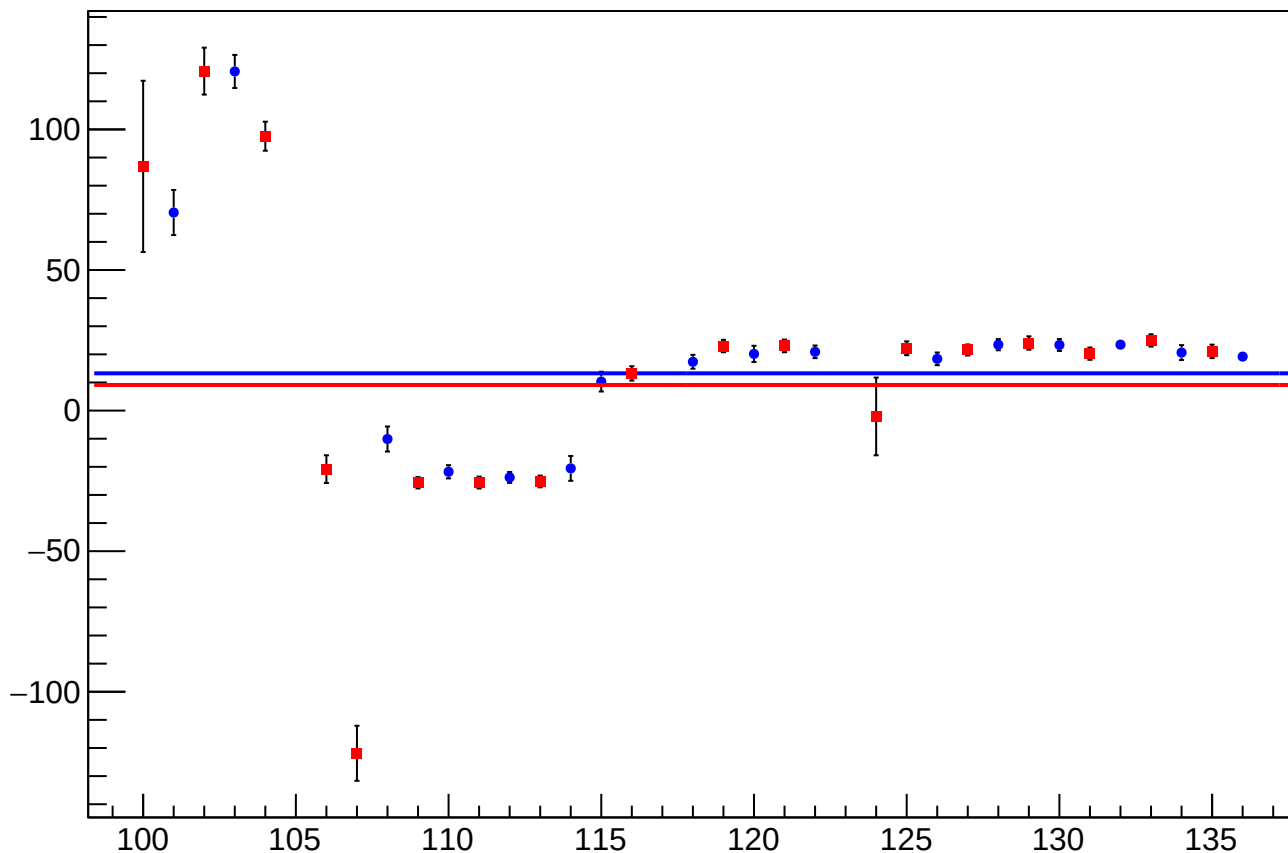
Right: -18.116 $\pm$ 0.032 χ^2 /NDF: 765605.1/33

In: -17.817 $\pm$ 0.043 χ^2 /NDF: 426105.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -18.116 $\pm$ 0.032 χ^2 /NDF: 765605.1/33

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: 9.112+/-0.625 χ^2/NDF : 1827.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

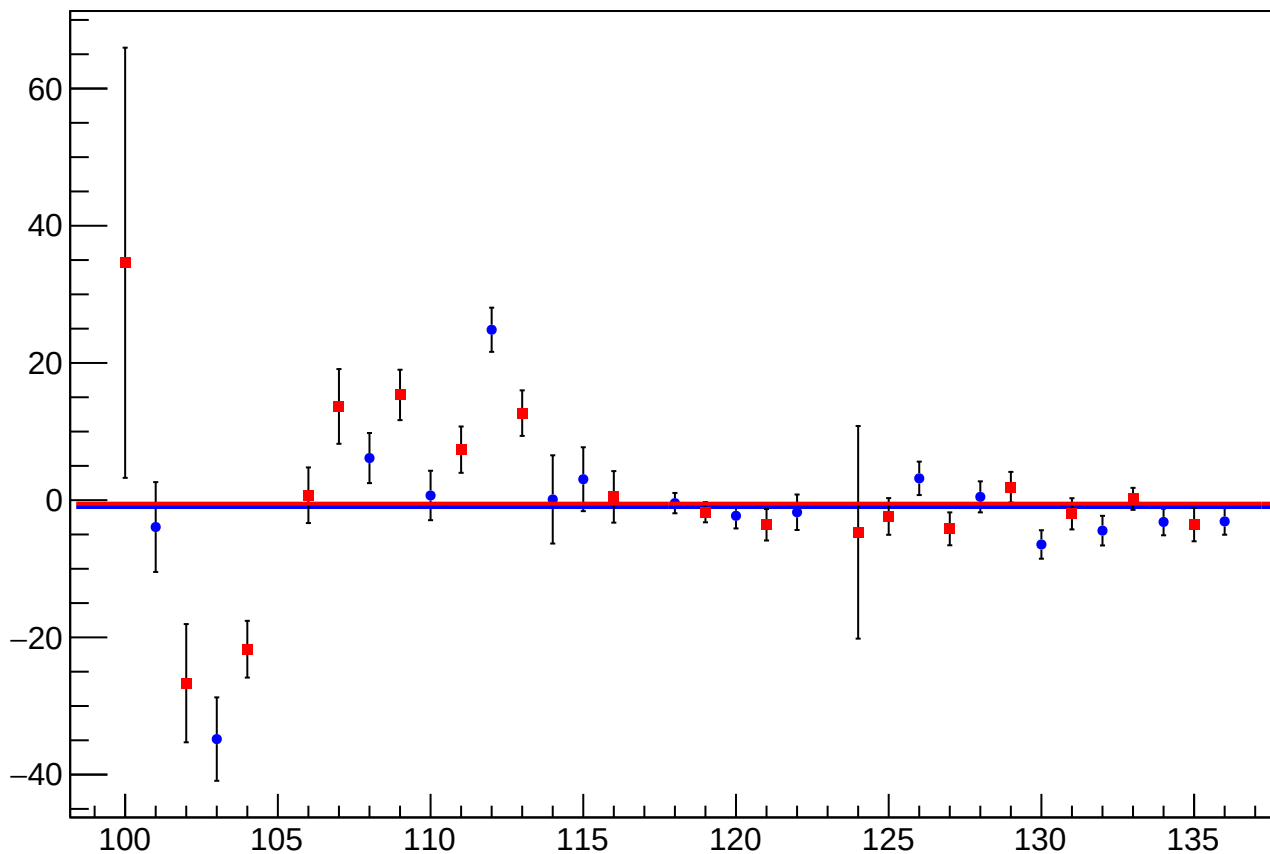
Right: 11.215+/-0.438 χ^2/NDF : 3032.1/33

In: 13.250+/-0.615 χ^2/NDF : 1182.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.215+/-0.438 χ^2/NDF : 3032.1/33

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: -0.507 ± 0.643 χ^2/NDF : 92.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

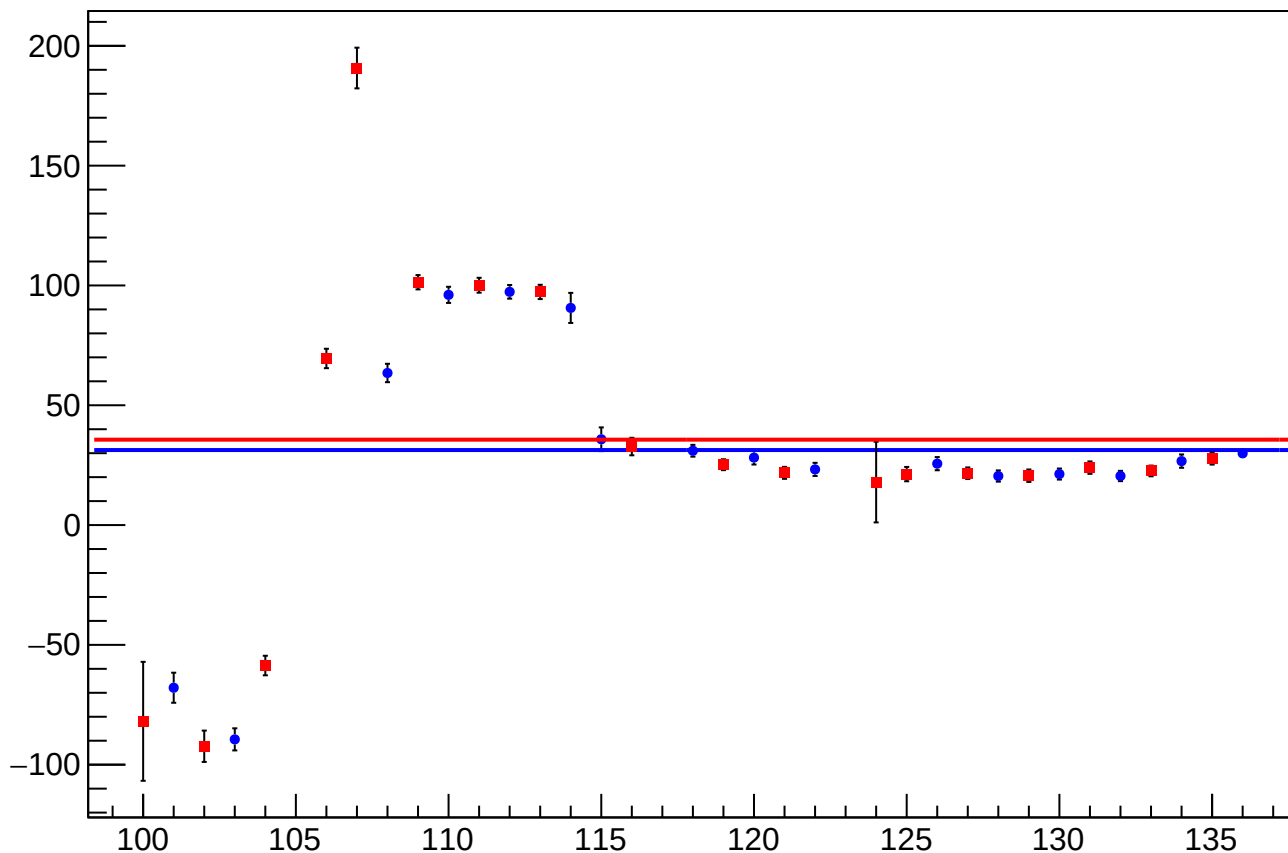
Right: -0.759 ± 0.446 χ^2/NDF : 209.0/33

In: -0.993 ± 0.619 χ^2/NDF : 116.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.759 ± 0.446 χ^2/NDF : 209.0/33

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: 35.645 $\pm$ 0.733 χ^2 /NDF: 2894.3/17

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

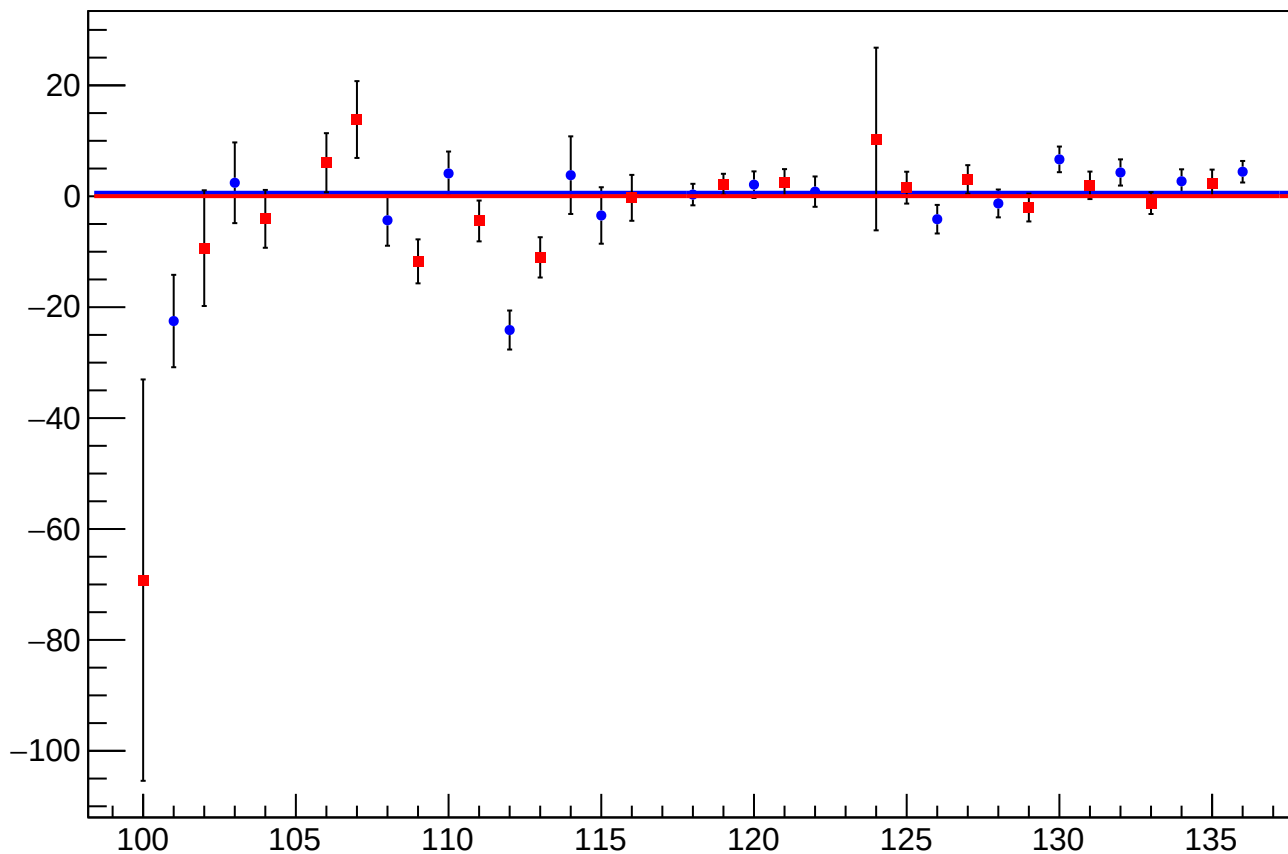
Right: 33.377 $\pm$ 0.506 χ^2 /NDF: 4998.5/33

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: 33.377 $\pm$ 0.506 χ^2 /NDF: 4998.5/33

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 0.632+/-0.705 χ^2/NDF : 78.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.738 χ^2/NDF : 36.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

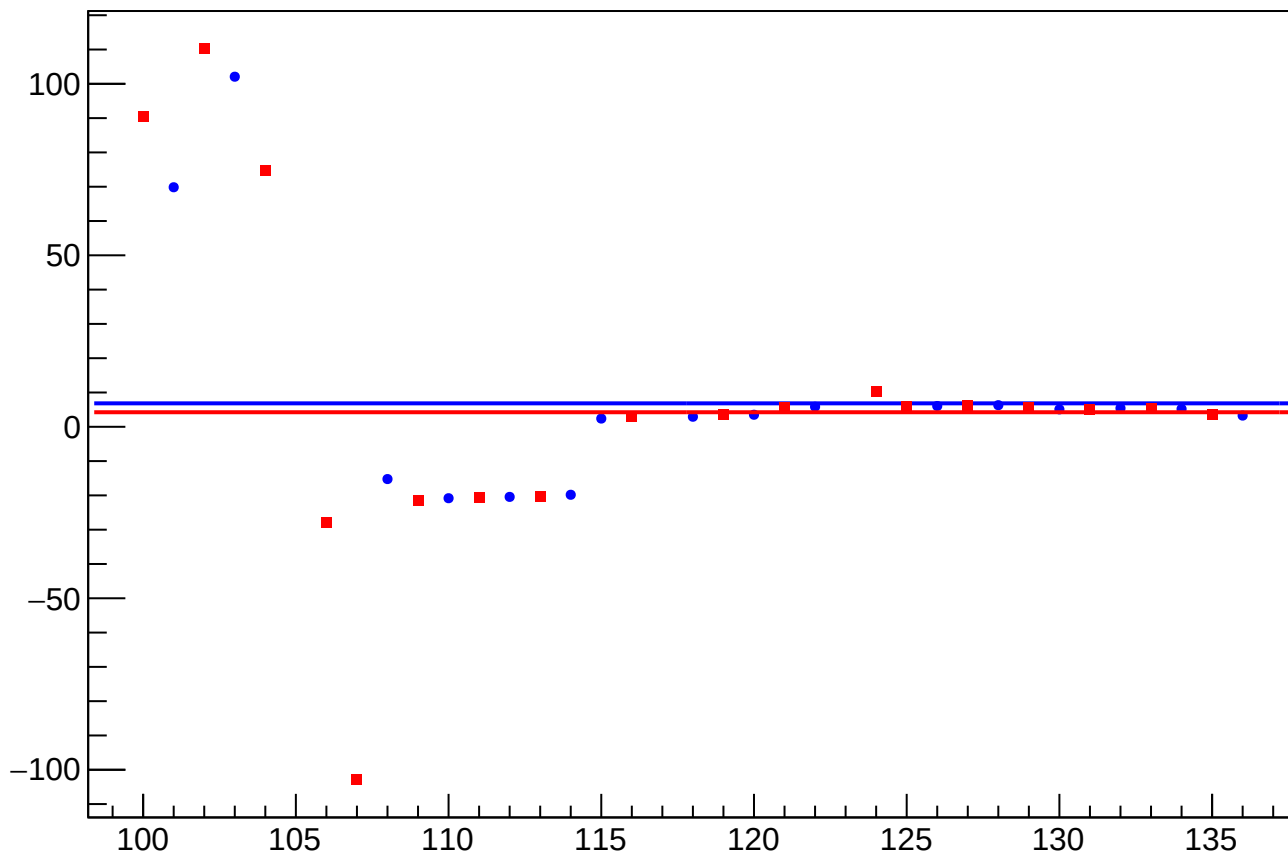
Right: 0.341+/-0.509 χ^2/NDF : 115.5/33

In: 0.632+/-0.705 χ^2/NDF : 78.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.341+/-0.509 χ^2/NDF : 115.5/33

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: 4.243+/-0.048 χ^2/NDF : 434530.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

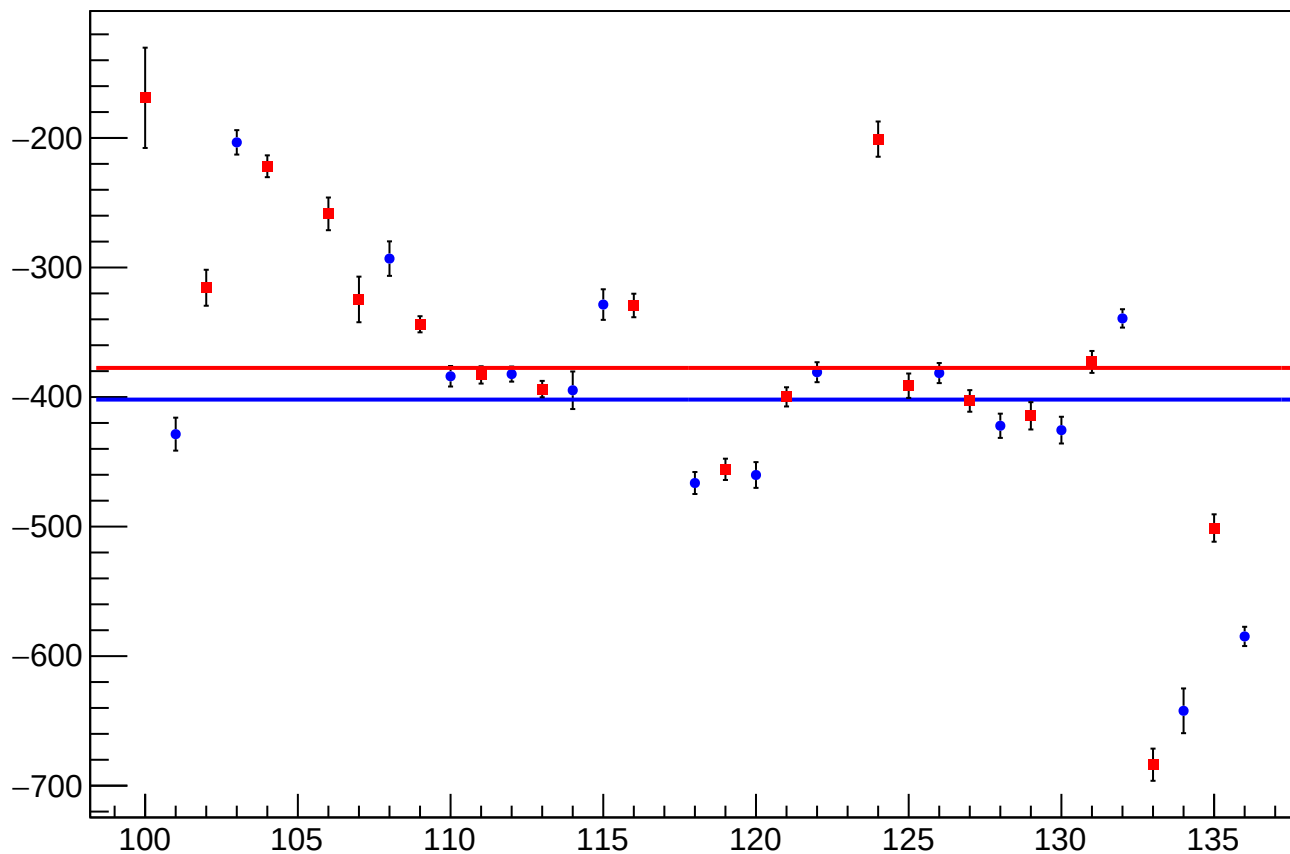
Right: 5.690+/-0.032 χ^2/NDF : 757107.7/33

In: 6.838+/-0.043 χ^2/NDF : 320954.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.690+/-0.032 χ^2/NDF : 757107.7/33

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: -377.514+/-2.145 χ^2/NDF : 1590.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

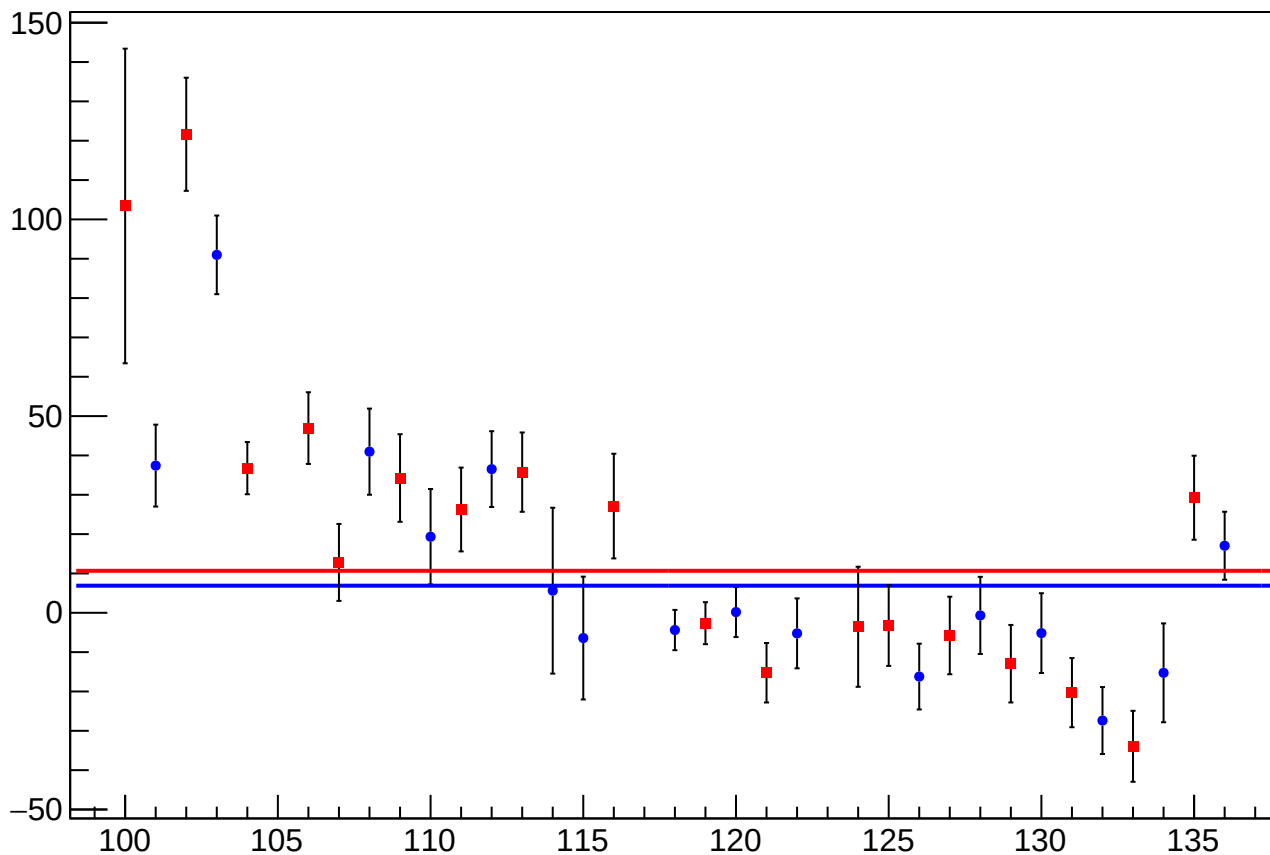
Right: -389.227+/-1.548 χ^2/NDF : 3215.8/33

In: -401.961+/-2.236 χ^2/NDF : 1563.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -389.227+/-1.548 χ^2/NDF : 3215.8/33

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: 10.677+/-2.213 χ^2/NDF : 179.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

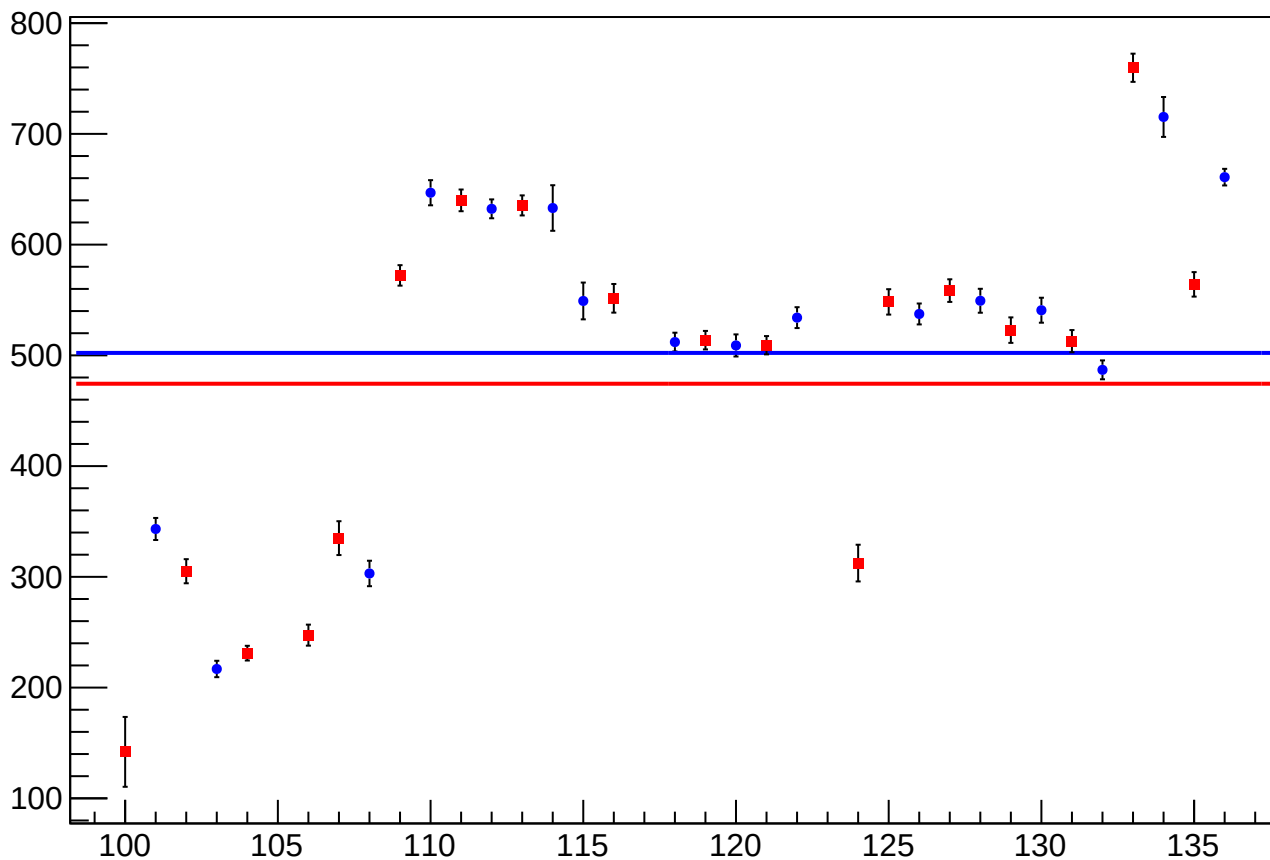
Right: 8.826+/-1.583 χ^2/NDF : 319.7/33

In: 6.889+/-2.264 χ^2/NDF : 138.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.826+/-1.583 χ^2/NDF : 319.7/33

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: 474.380+/-2.429 χ^2/NDF : 3943.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

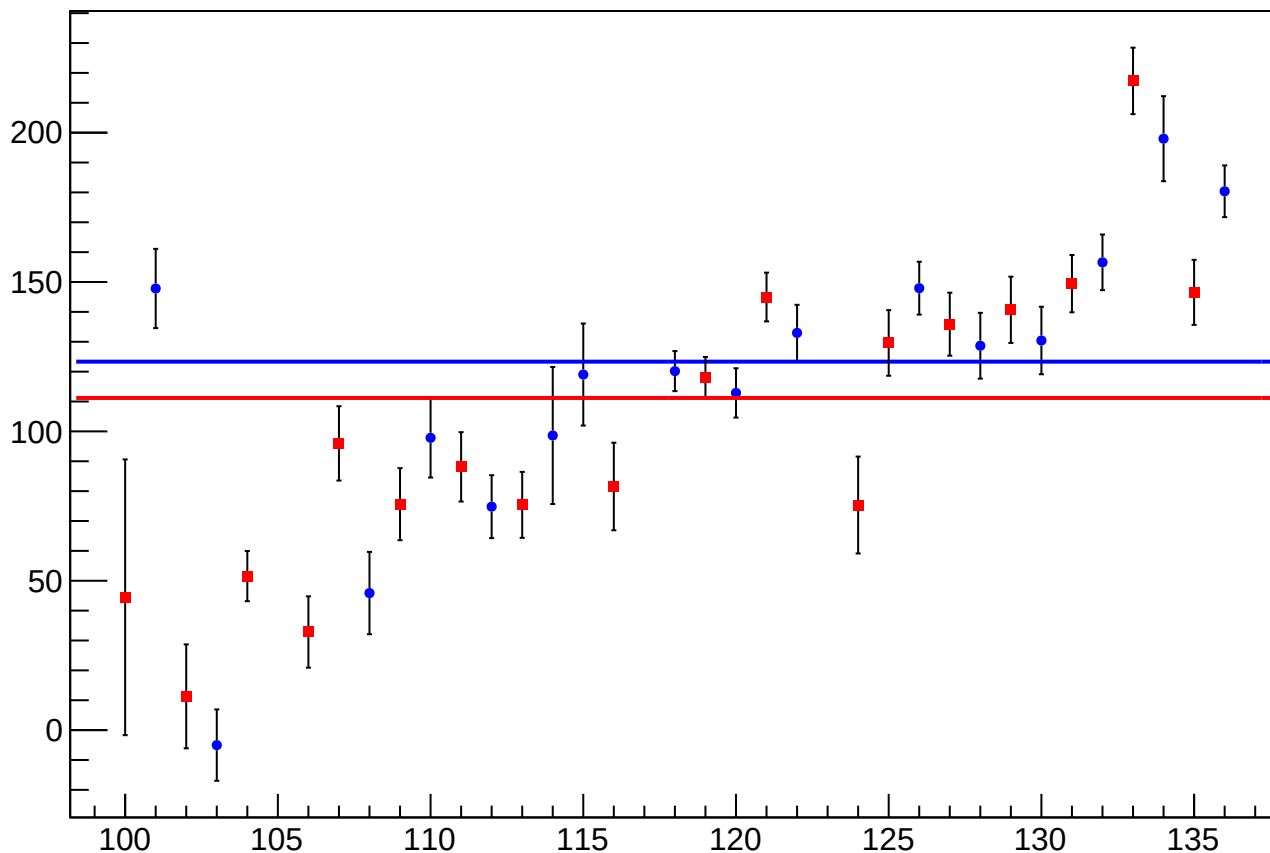
Right: 487.936+/-1.740 χ^2/NDF : 7142.9/33

In: 502.213+/-2.493 χ^2/NDF : 3135.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.936+/-1.740 χ^2/NDF : 7142.9/33

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: 111.192+/-2.570 χ^2/NDF : 313.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

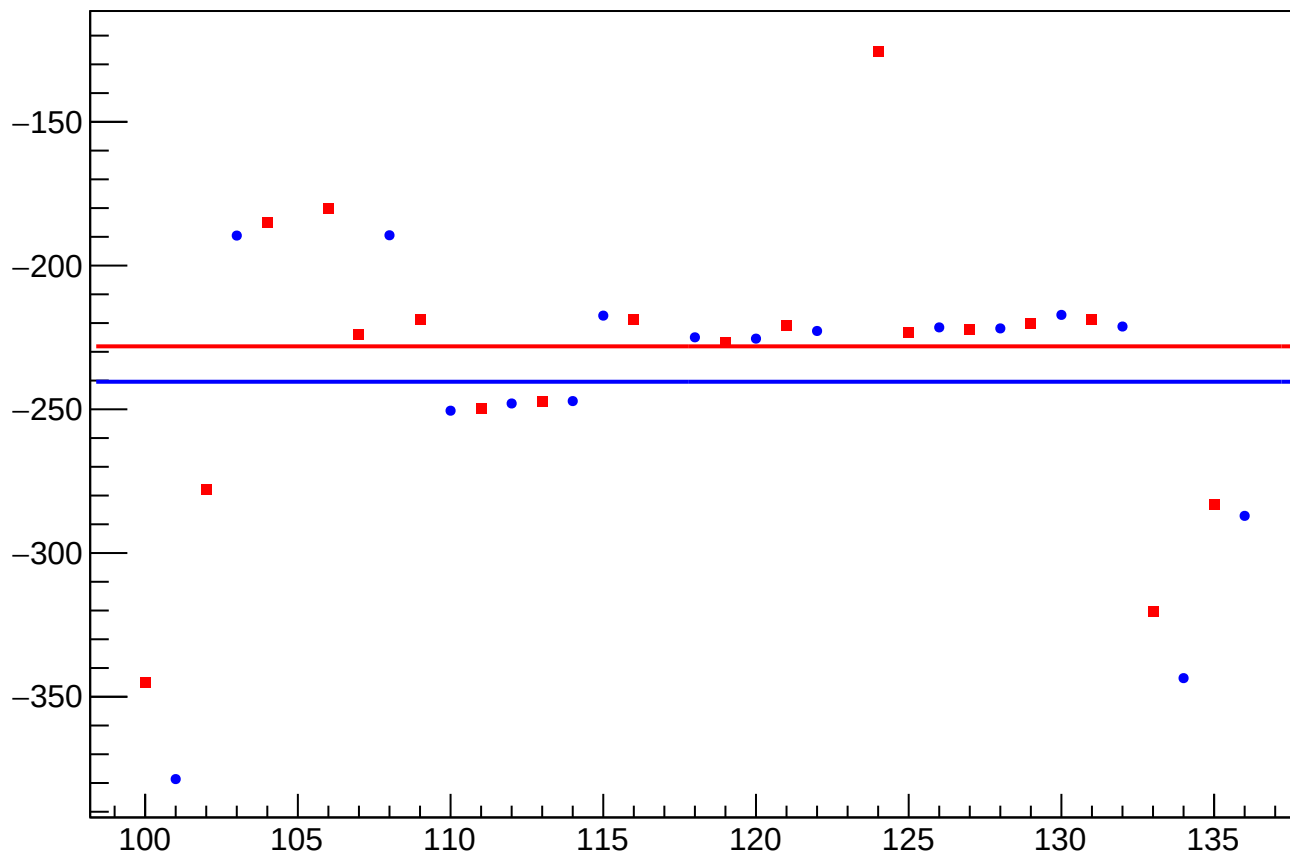
Right: 117.134+/-1.837 χ^2/NDF : 595.4/33

In: 123.344+/-2.627 χ^2/NDF : 271.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 117.134+/-1.837 χ^2/NDF : 595.4/33

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: -228.096+/-0.149 χ^2 /NDF: 77976.0/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

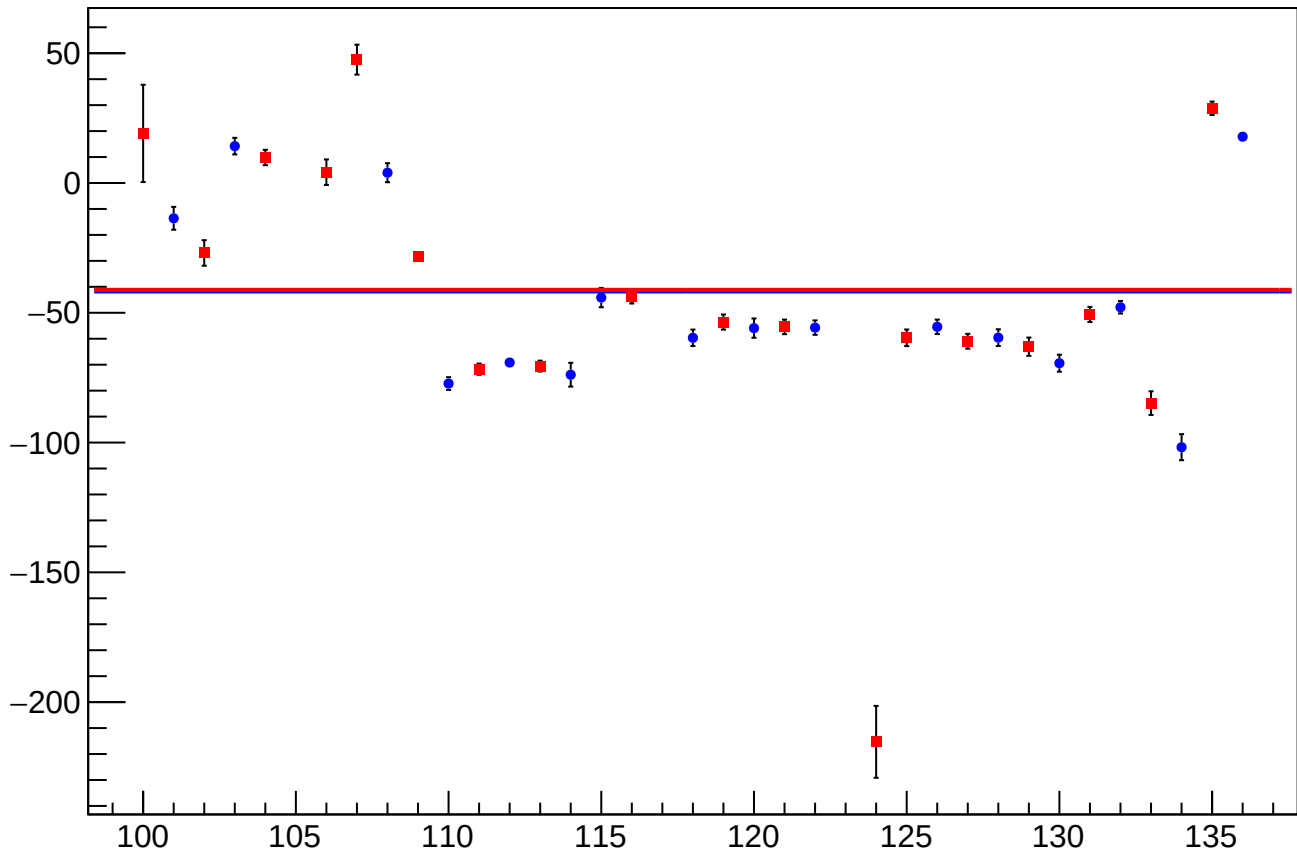
Right: -234.198+/-0.106 χ^2 /NDF: 215501.1/33

In: -240.411+/-0.151 χ^2 /NDF:134152.1/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -234.198+/-0.106 χ^2 /NDF: 215501.1/33

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: -41.154 ± 0.691 χ^2/NDF : 2252.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

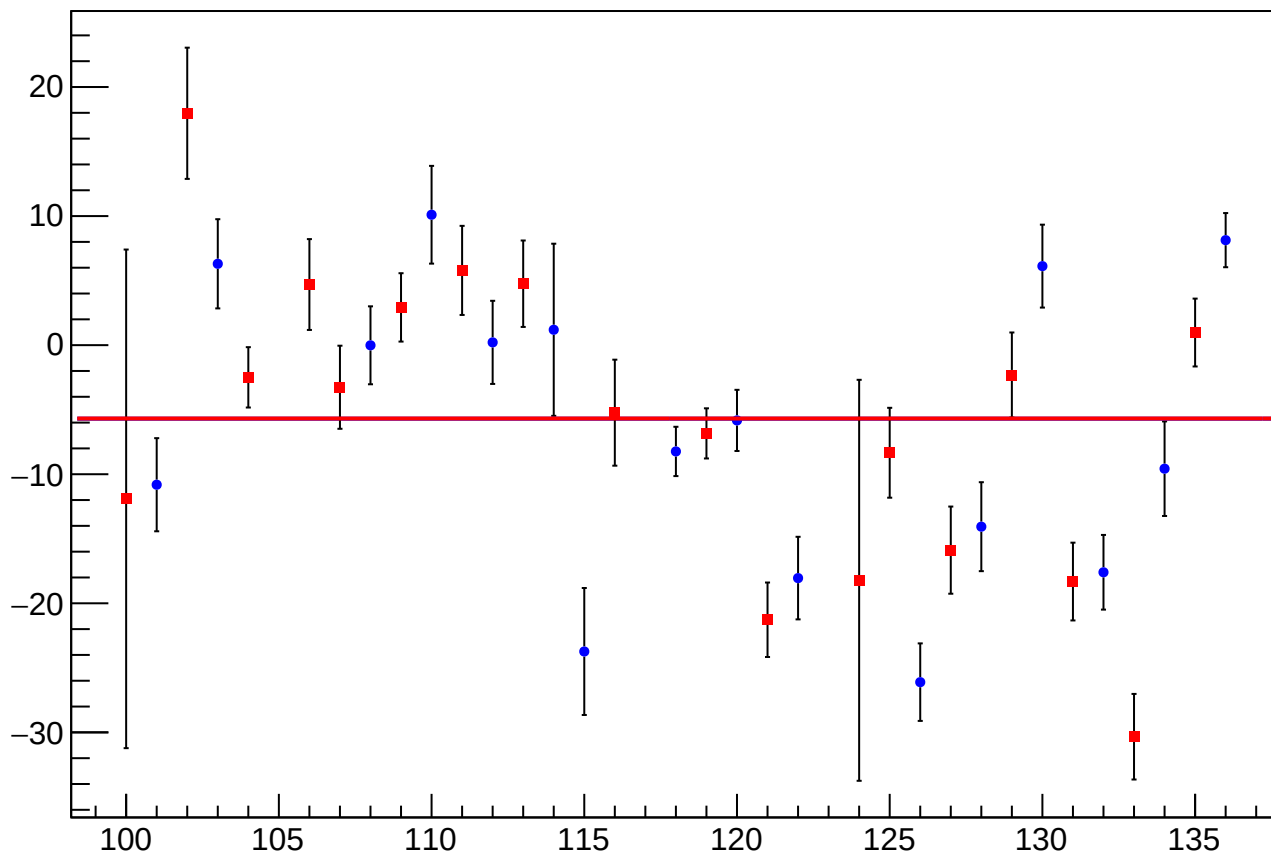
Right: -41.457 ± 0.500 χ^2/NDF : 4658.6/33

In: -41.788 ± 0.723 χ^2/NDF : 2405.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.457 ± 0.500 χ^2/NDF : 4658.6/33

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: -5.684+/-0.751 χ^2/NDF : 184.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

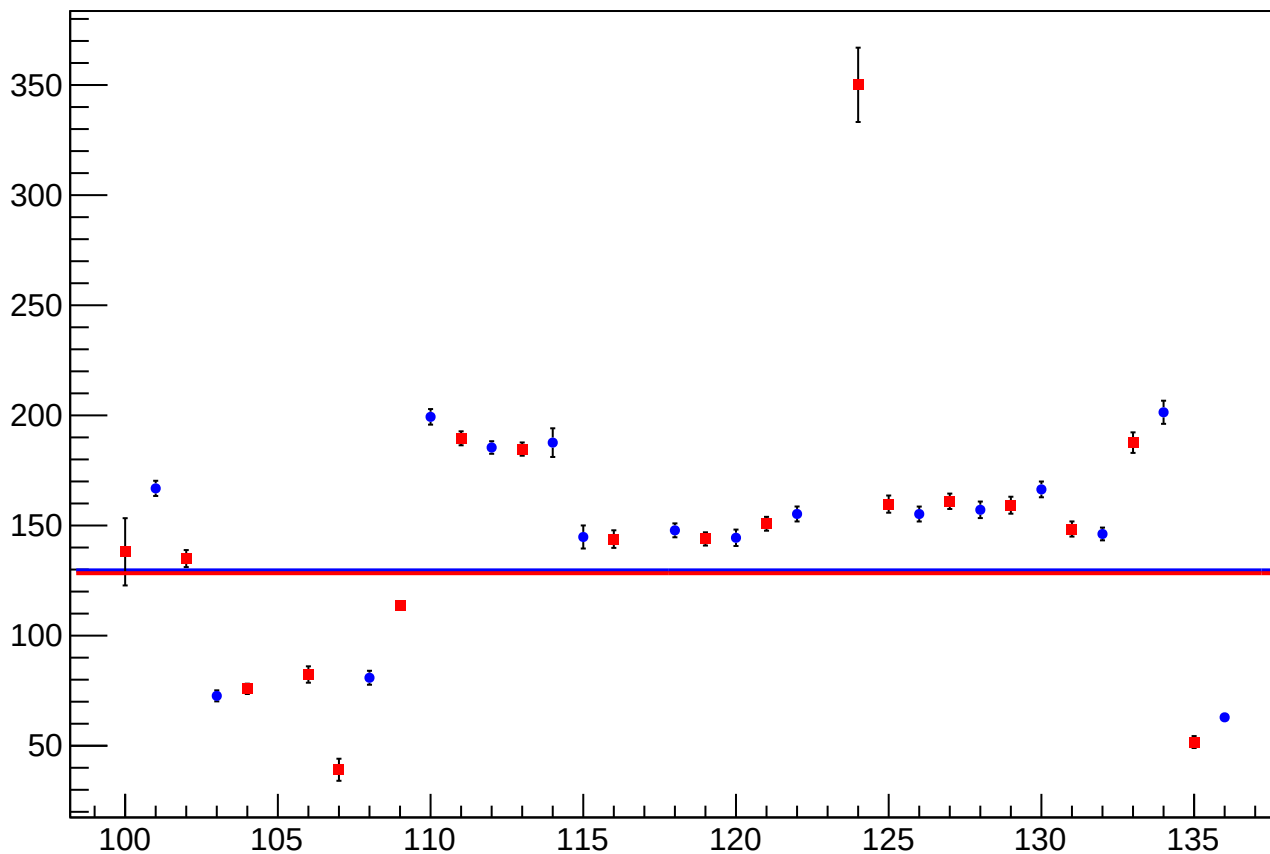
Right: -5.691+/-0.532 χ^2/NDF : 381.2/33

In: -5.697+/-0.753 χ^2/NDF : 196.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.691+/-0.532 χ^2/NDF : 381.2/33

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: 128.345+/-0.808 χ^2/NDF : 3219.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

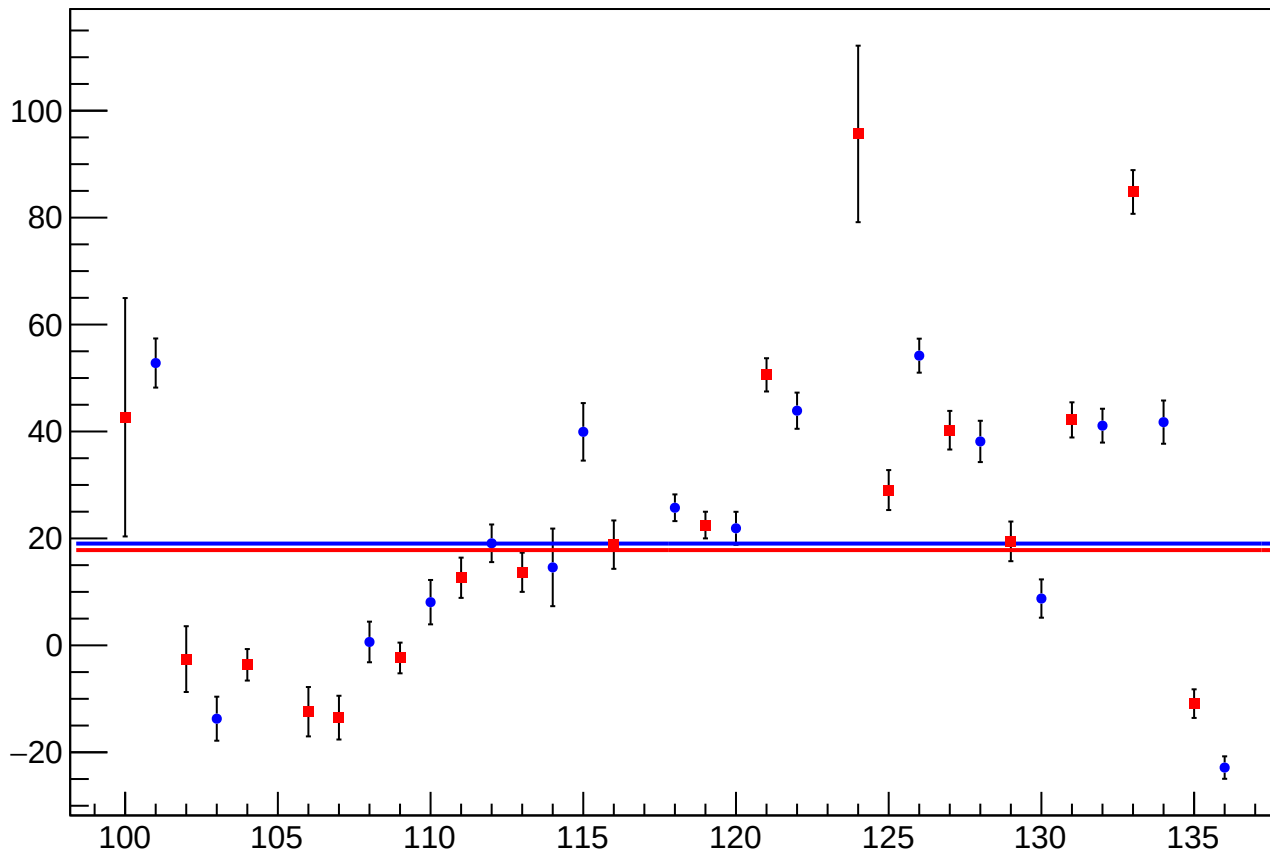
Right: 128.989+/-0.569 χ^2/NDF : 6845.0/33

In: 129.621+/-0.801 χ^2/NDF :3624.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 128.989+/-0.569 χ^2/NDF : 6845.0/33

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: 17.818+/-0.862 χ^2/NDF : 842.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

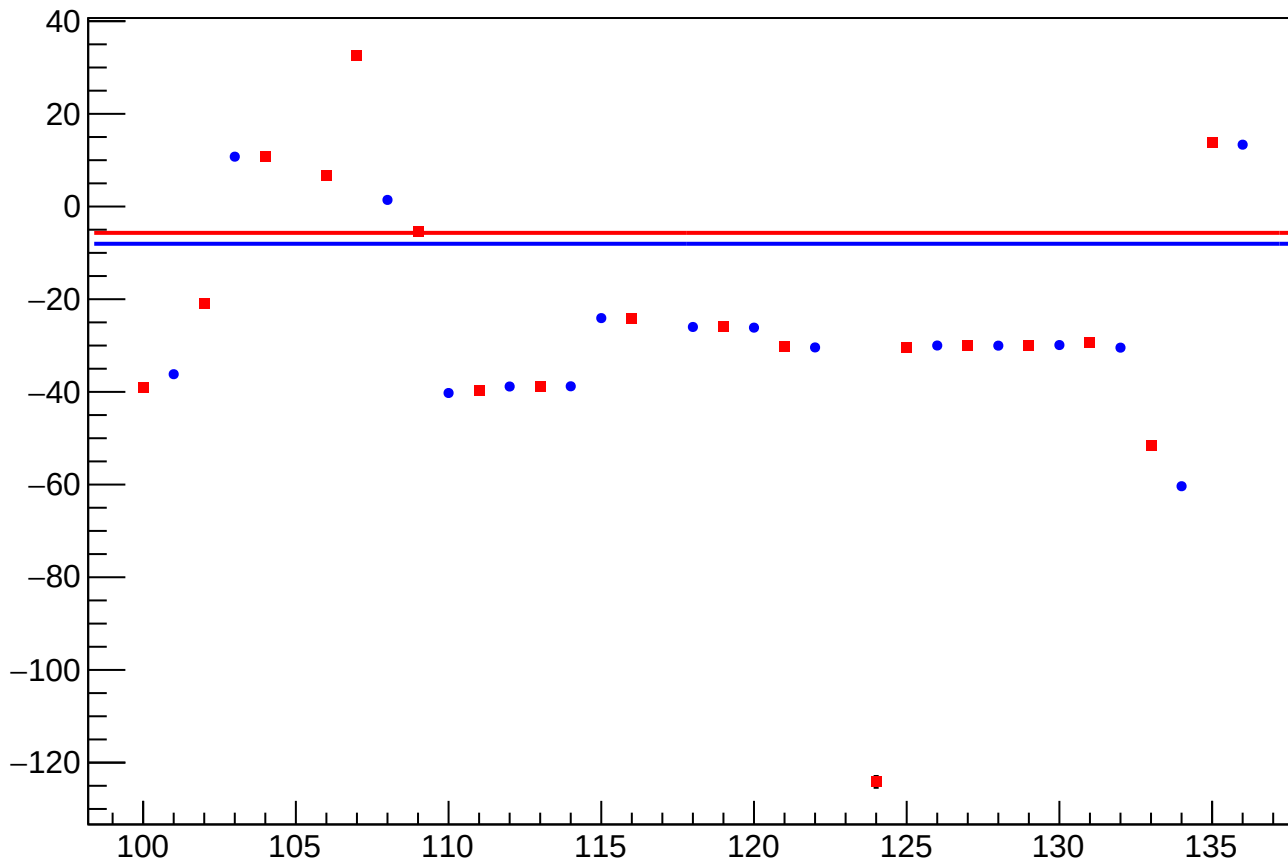
Right: 18.428+/-0.609 χ^2/NDF : 1701.4/33

In: 19.035+/-0.860 χ^2/NDF :858.1/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 18.428+/-0.609 χ^2/NDF : 1701.4/33

reg_asym_at2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -8.038+/-0.046 χ^2/NDF : 267883.6/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -5.682+/-0.048 χ^2/NDF : 218554.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

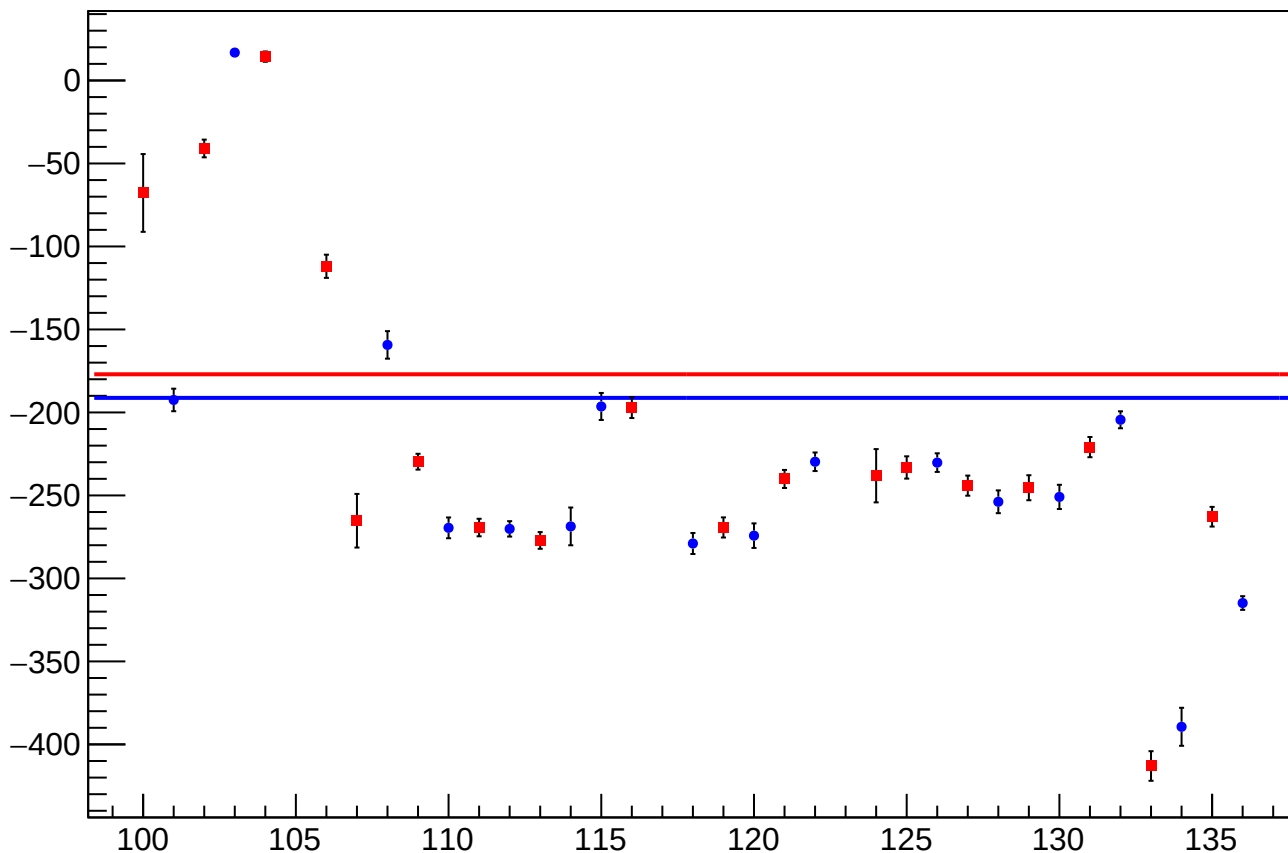
Right: -6.924+/-0.033 χ^2/NDF : 487687.6/33

In: -8.038+/-0.046 χ^2/NDF :267883.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -6.924+/-0.033 χ^2/NDF : 487687.6/33

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: -177.011 ± 1.400 χ^2/NDF : 7042.8/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

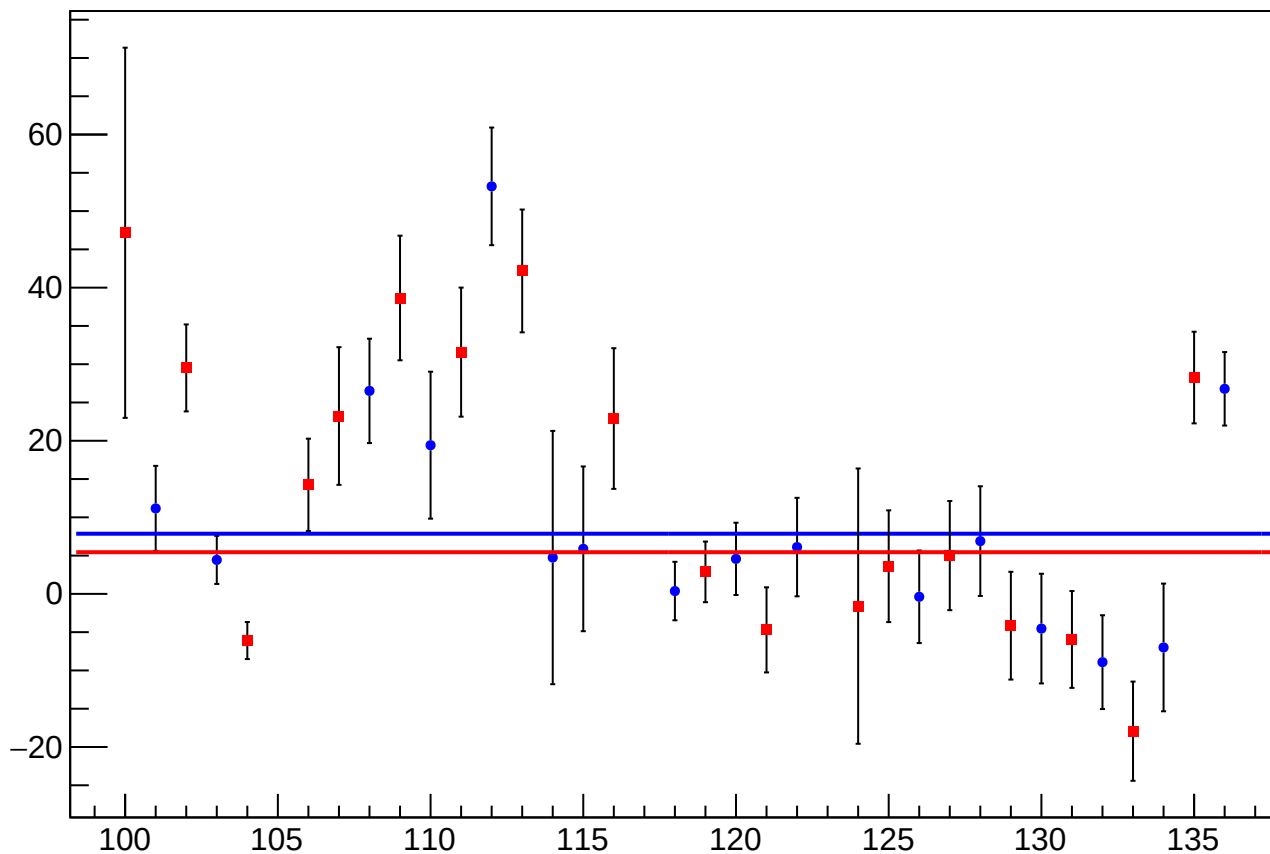
Right: -184.027 ± 0.997 χ^2/NDF : 14318.4/33

In: -191.225 ± 1.419 χ^2/NDF : 7224.7/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -184.027 ± 0.997 χ^2/NDF : 14318.4/33

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: 5.444+/-1.368 χ^2/NDF : 137.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

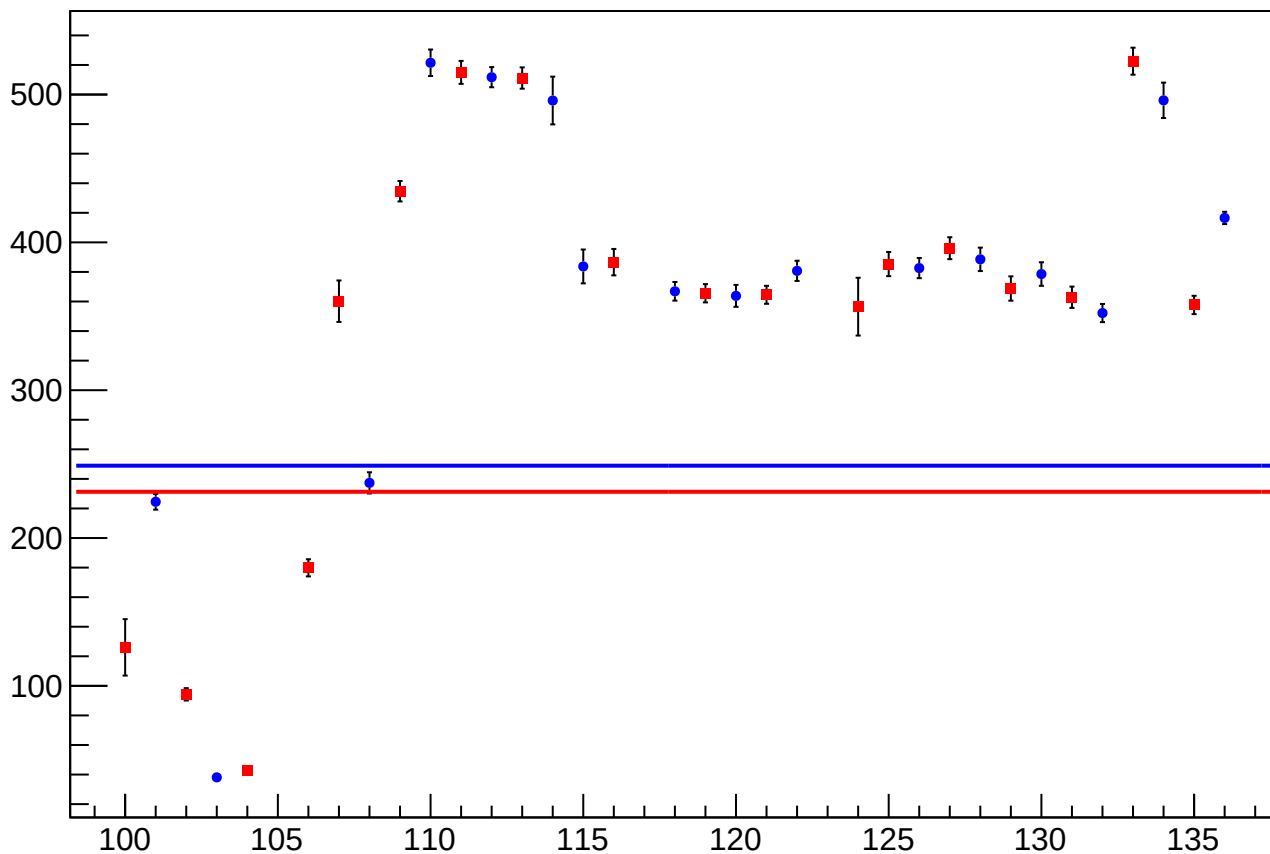
Right: 6.591+/-0.991 χ^2/NDF : 219.6/33

In: 7.859+/-1.438 χ^2/NDF :80.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.591+/-0.991 χ^2/NDF : 219.6/33

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 248.932+/-1.422 χ^2/NDF : 15302.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 231.282+/-1.426 χ^2/NDF : 15084.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

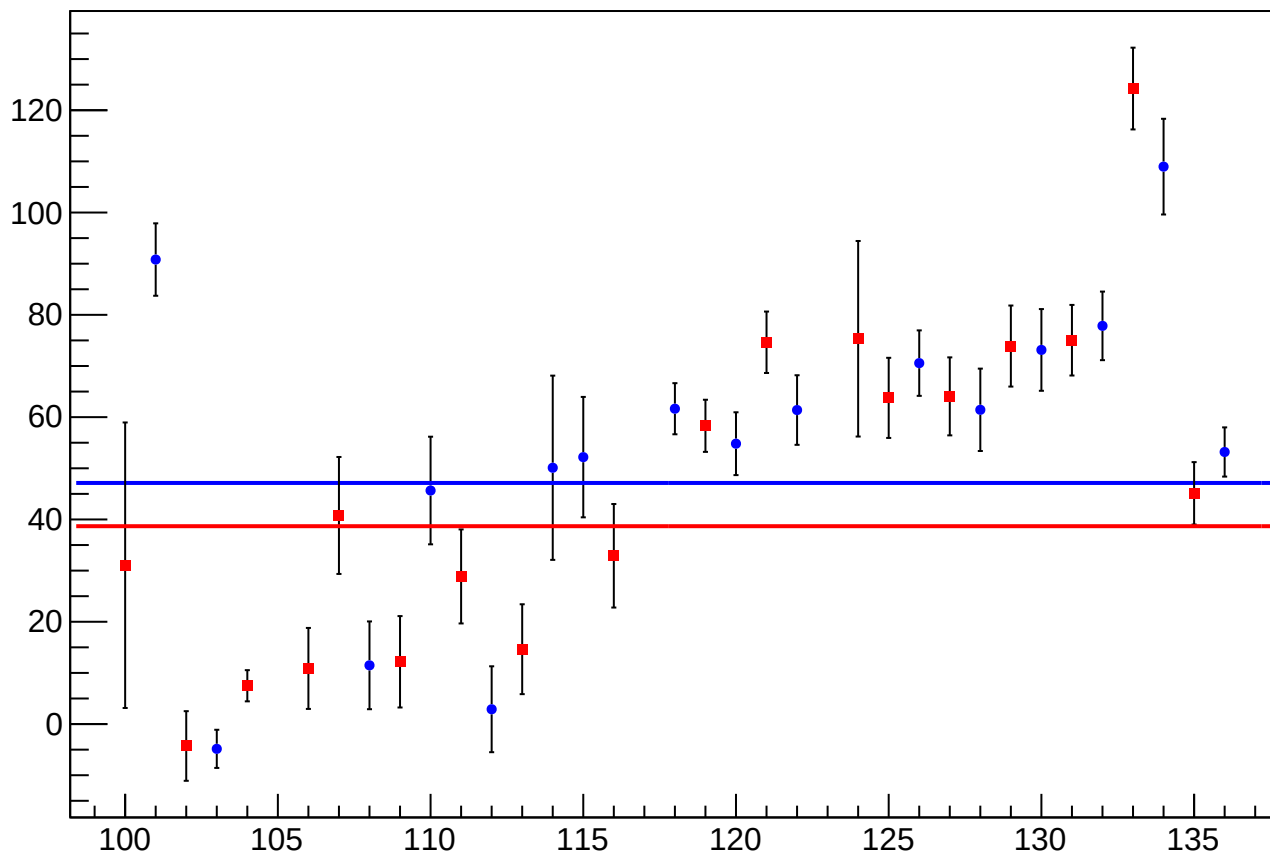
Right: 240.133+/-1.007 χ^2/NDF : 30463.9/33

In: 248.932+/-1.422 χ^2/NDF :15302.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 240.133+/-1.007 χ^2/NDF : 30463.9/33

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 47.137 $\pm$ 1.668 χ^2 /NDF: 385.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 38.682 $\pm$ 1.616 χ^2 /NDF: 413.6/17

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

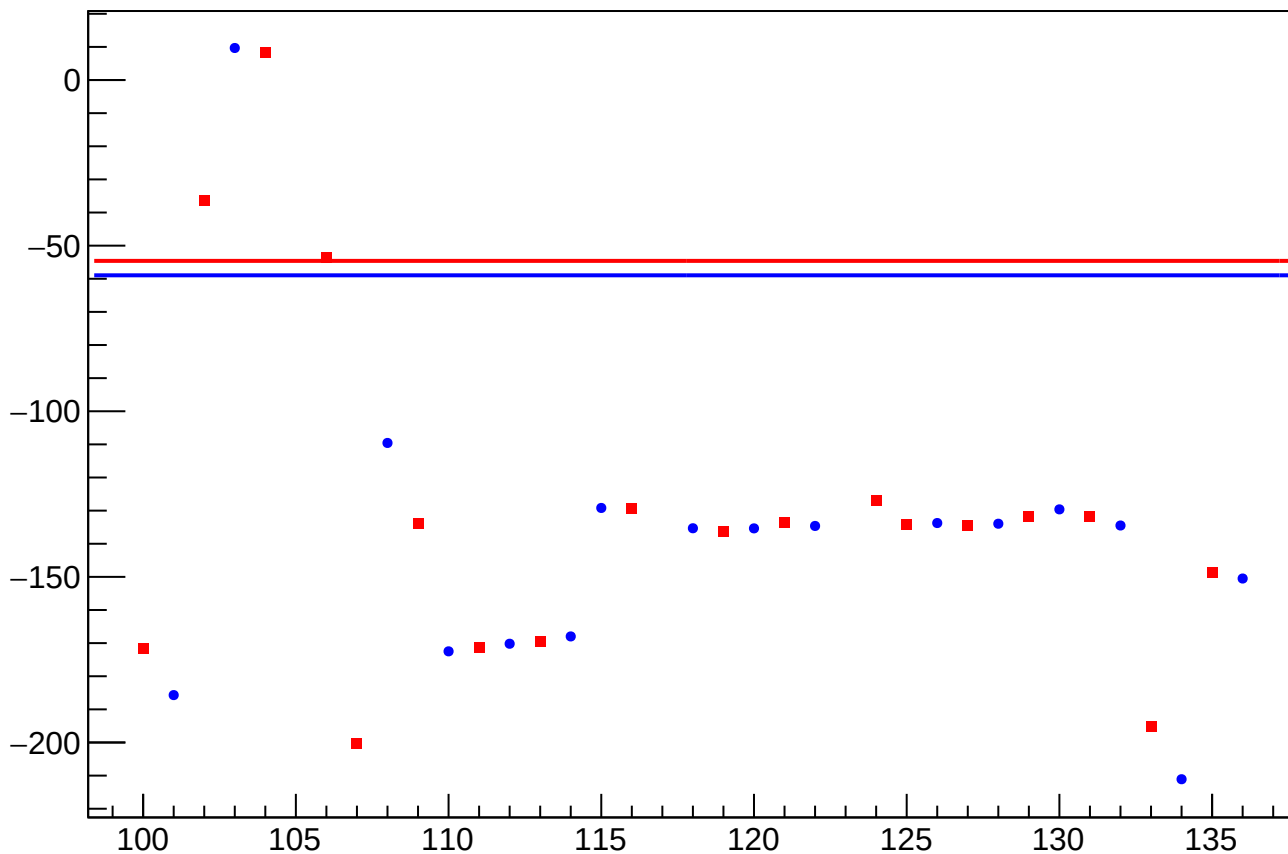
Right: 42.776 $\pm$ 1.160 χ^2 /NDF: 812.2/33

In: 47.137 $\pm$ 1.668 χ^2 /NDF: 385.3/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.776 $\pm$ 1.160 χ^2 /NDF: 812.2/33

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -58.956+/-0.073 χ^2/NDF : 1227079.0/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -54.599+/-0.075 χ^2/NDF : 822280.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

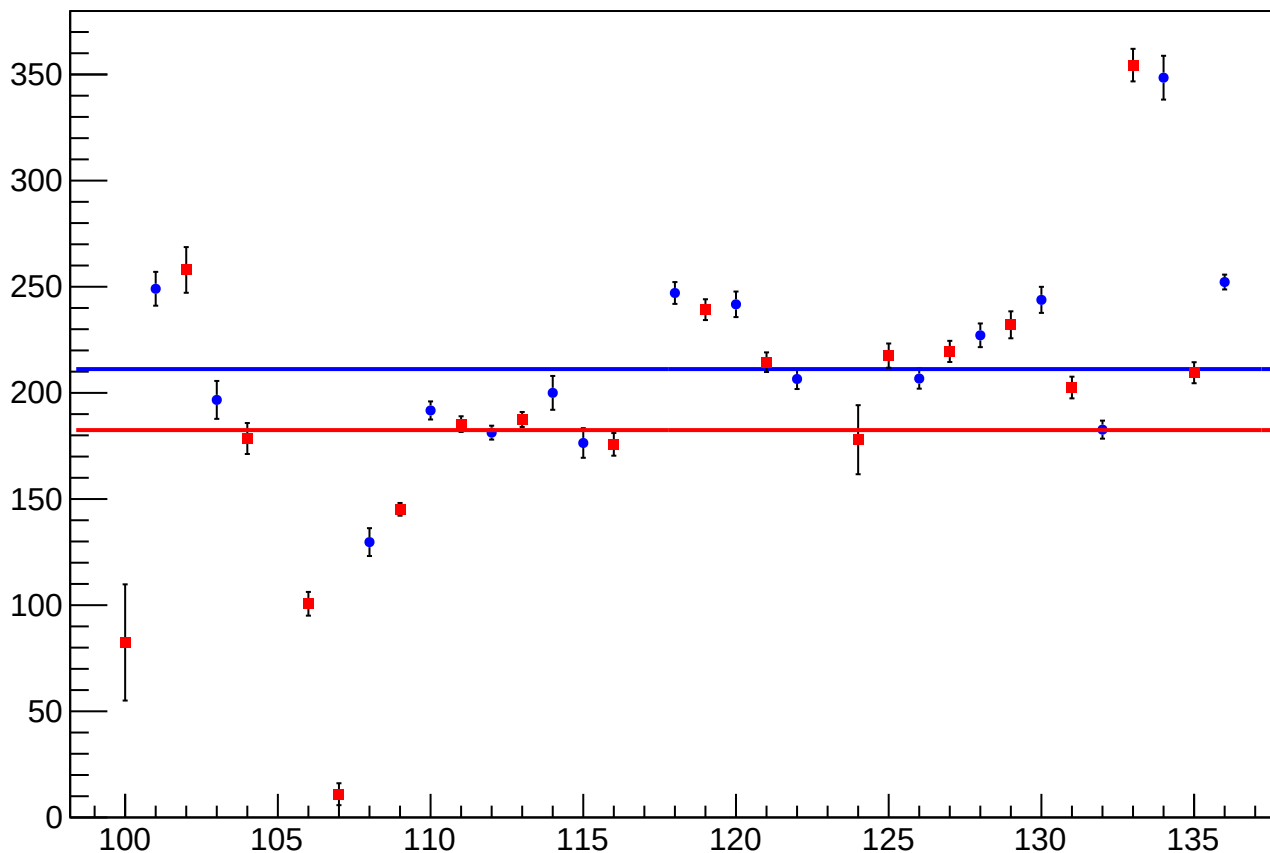
Right: -56.860+/-0.052 χ^2/NDF : 2051092.1/33

In: -58.956+/-0.073 χ^2/NDF : 1227079.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -56.860+/-0.052 χ^2/NDF : 2051092.1/33

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: 182.476 ± 1.211 χ^2/NDF : 2426.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

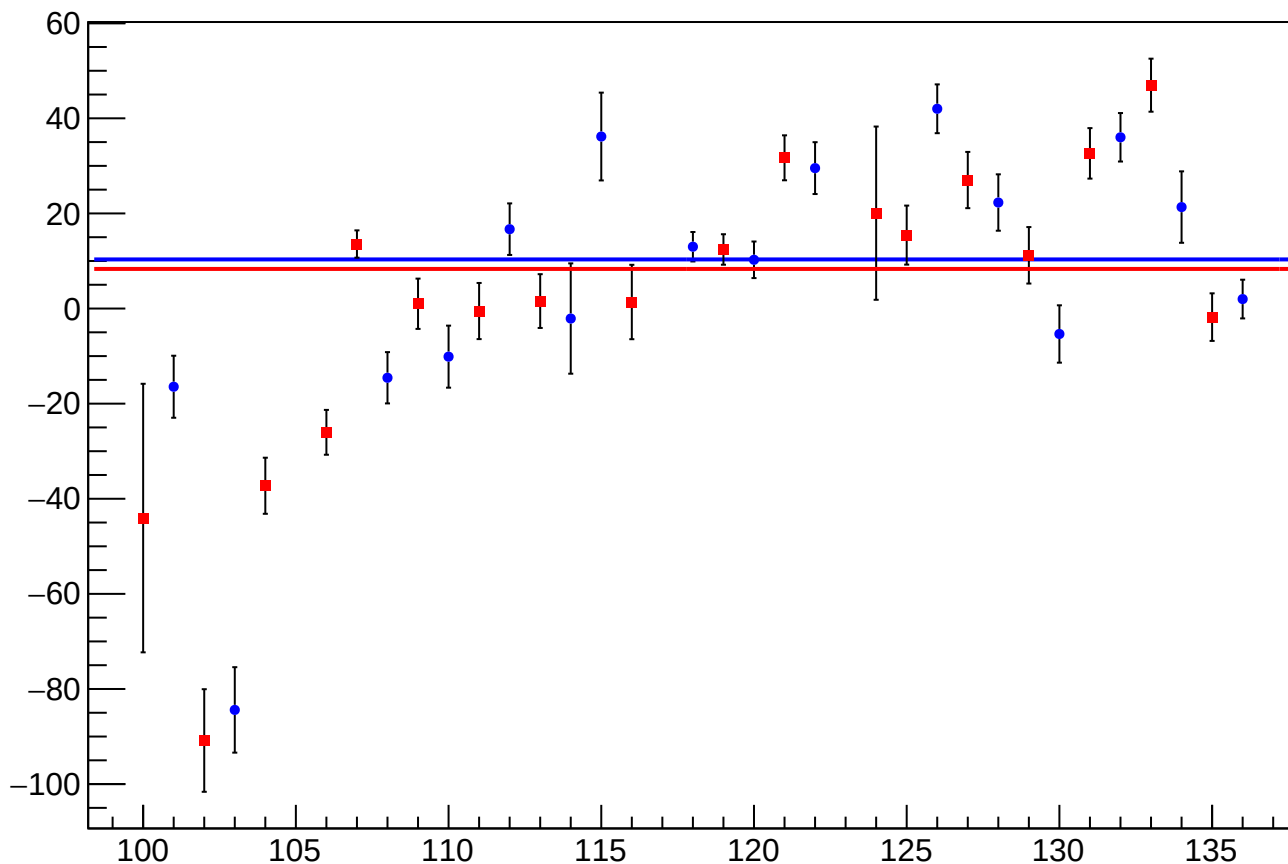
Right: 195.867 ± 0.885 χ^2/NDF : 3471.9/33

In: 211.210 ± 1.296 χ^2/NDF : 783.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 195.867 ± 0.885 χ^2/NDF : 3471.9/33

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: 8.328+/-1.238 χ^2/NDF : 321.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

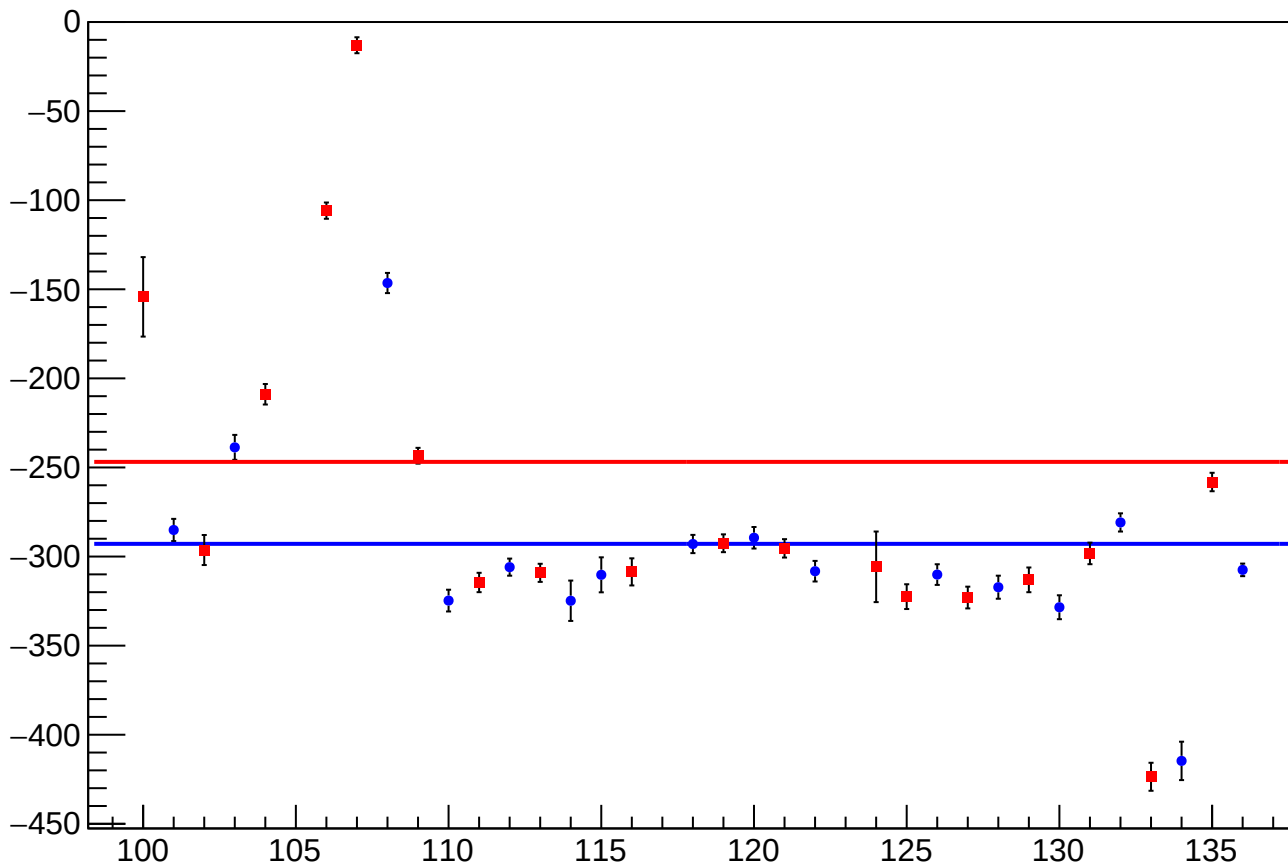
Right: 9.254+/-0.907 χ^2/NDF : 586.1/33

In: 10.329+/-1.333 χ^2/NDF : 263.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.254+/-0.907 χ^2/NDF : 586.1/33

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: -246.866 ± 1.394 χ^2/NDF : 5277.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

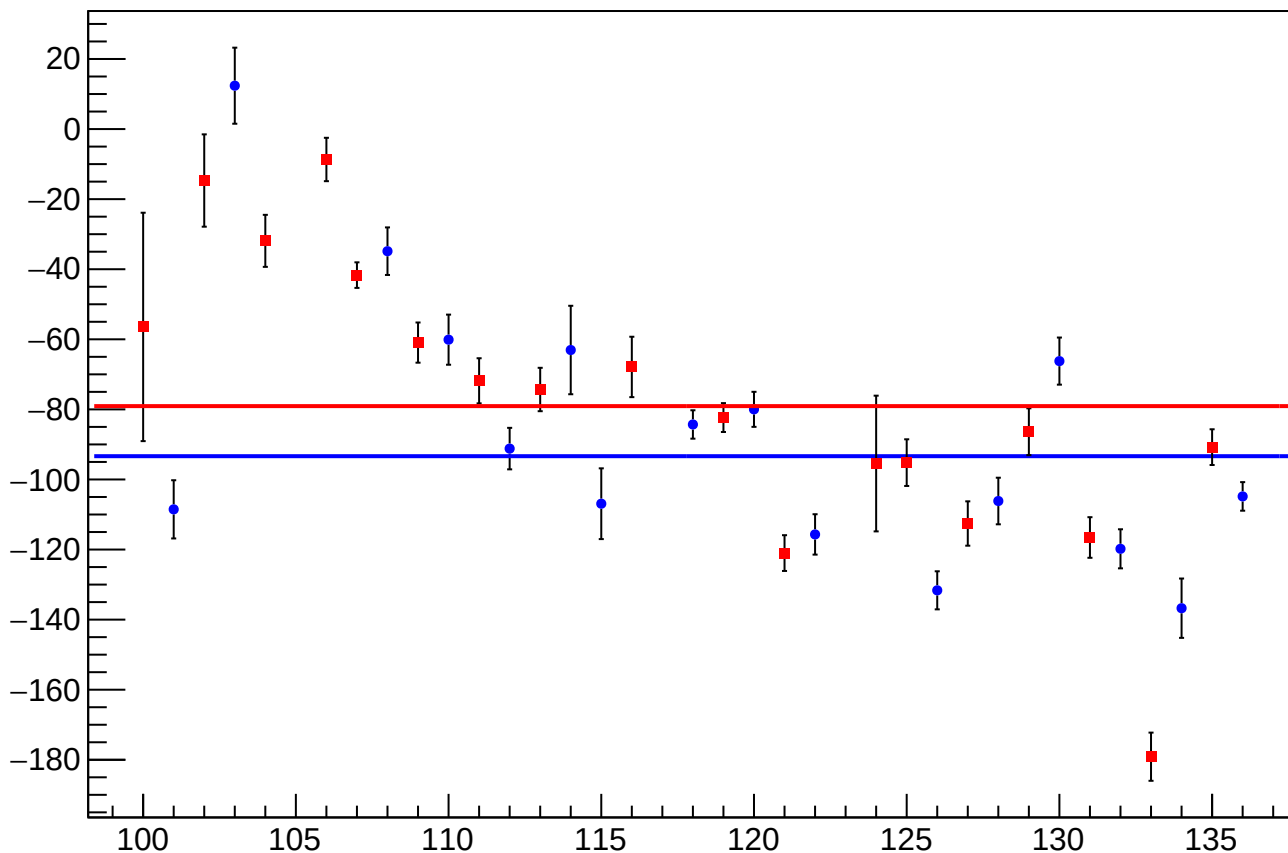
Right: -268.695 ± 1.011 χ^2/NDF : 6777.7/33

In: -292.872 ± 1.467 χ^2/NDF : 983.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -268.695 ± 1.011 χ^2/NDF : 6777.7/33

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -93.357 ± 1.534 χ^2/NDF : 355.3/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -79.067 ± 1.444 χ^2/NDF : 675.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

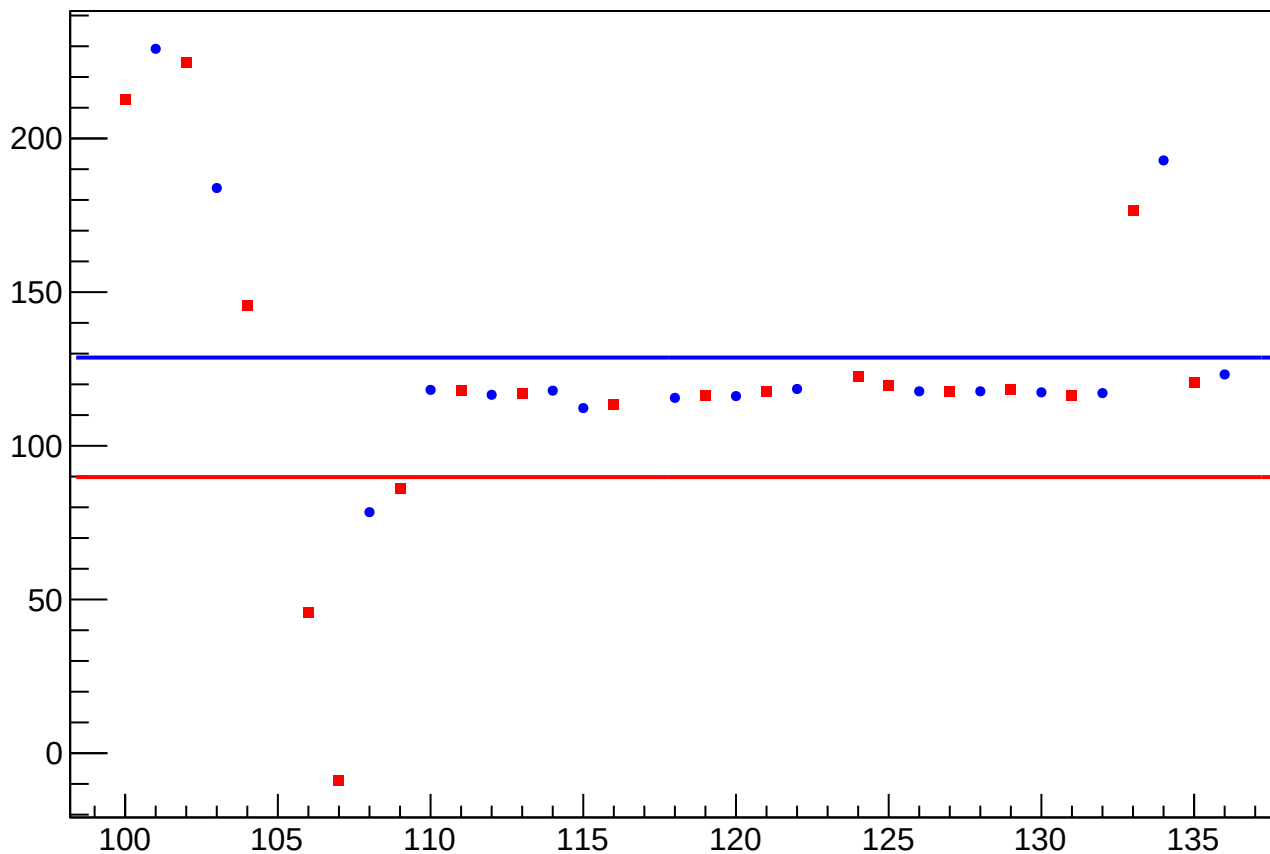
Right: -85.780 ± 1.052 χ^2/NDF : 1076.7/33

In: -93.357 ± 1.534 χ^2/NDF : 355.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -85.780 ± 1.052 χ^2/NDF : 1076.7/33

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 128.715 $\pm$ 0.089 χ^2 /NDF: 183522.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 89.824 $\pm$ 0.081 χ^2 /NDF: 597365.1/17

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

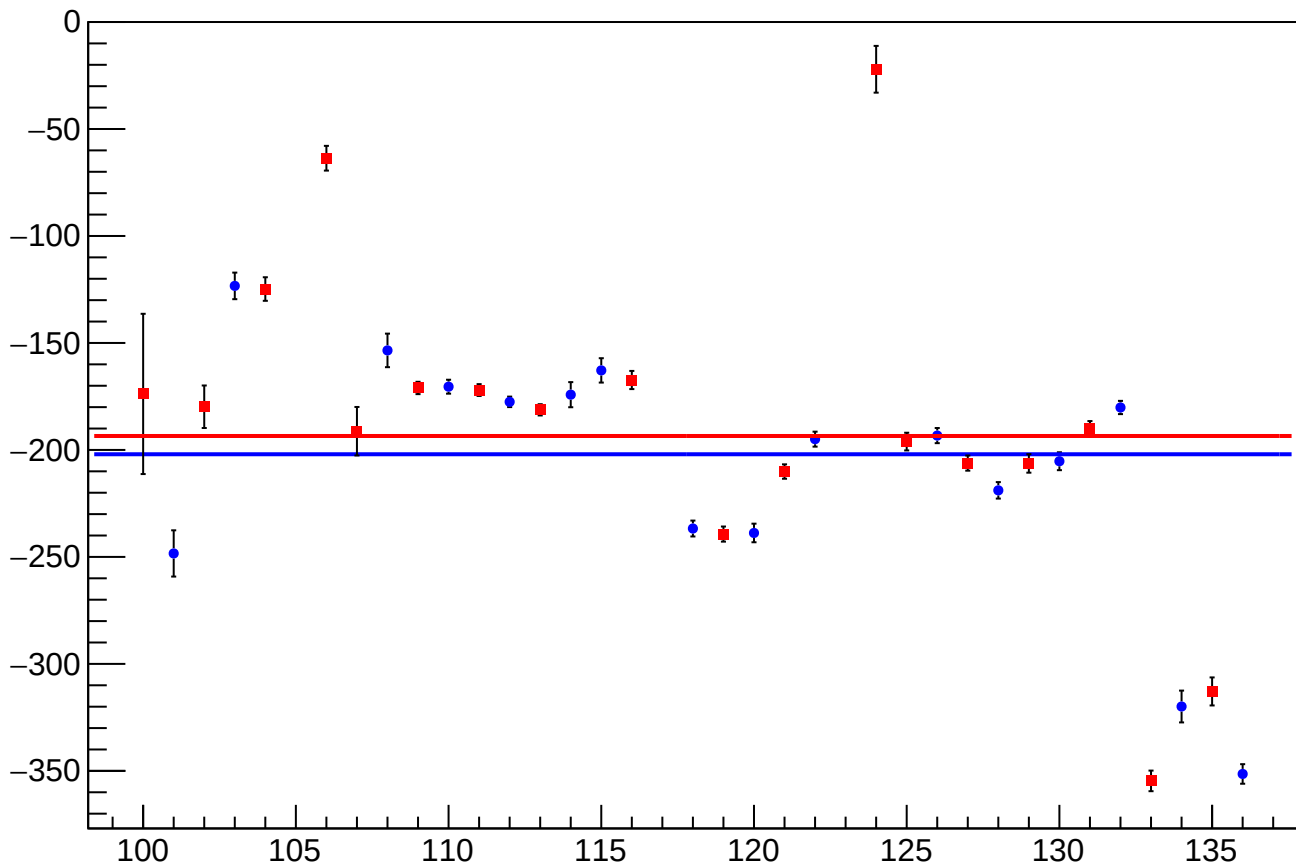
Right: 107.432 $\pm$ 0.060 χ^2 /NDF: 885065.4/33

In: 128.715 $\pm$ 0.089 χ^2 /NDF: 183522.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.432 $\pm$ 0.060 χ^2 /NDF: 885065.4/33

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -202.020 ± 1.024 $\chi^2/\text{NDF}: 2040.4/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -193.481 ± 0.979 $\chi^2/\text{NDF}: 2759.2/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

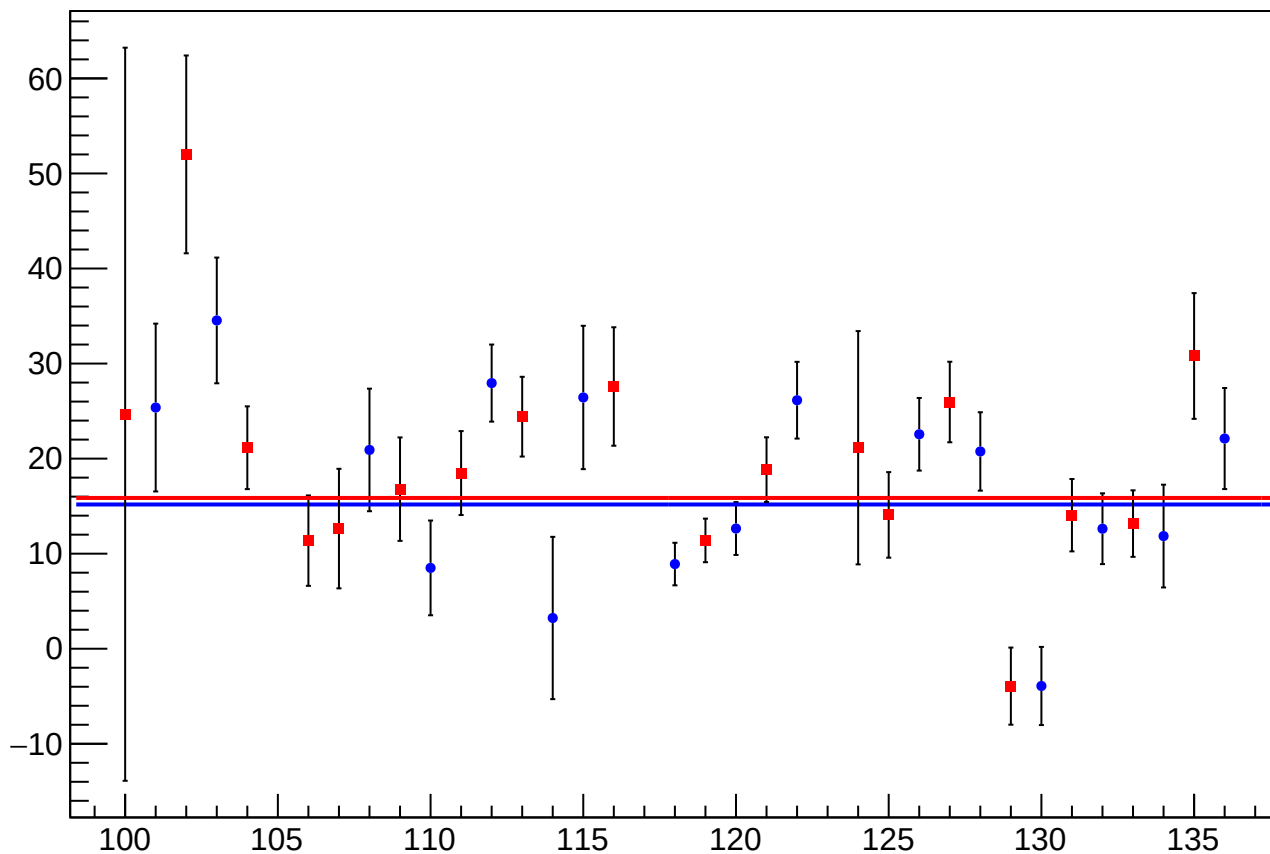
Right: -197.559 ± 0.708 $\chi^2/\text{NDF}: 4835.9/33$

In: -202.020 ± 1.024 $\chi^2/\text{NDF}: 2040.4/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -197.559 ± 0.708 $\chi^2/\text{NDF}: 4835.9/33$

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: 15.863 $\pm$ 1.041 χ^2 /NDF: 63.1/17

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

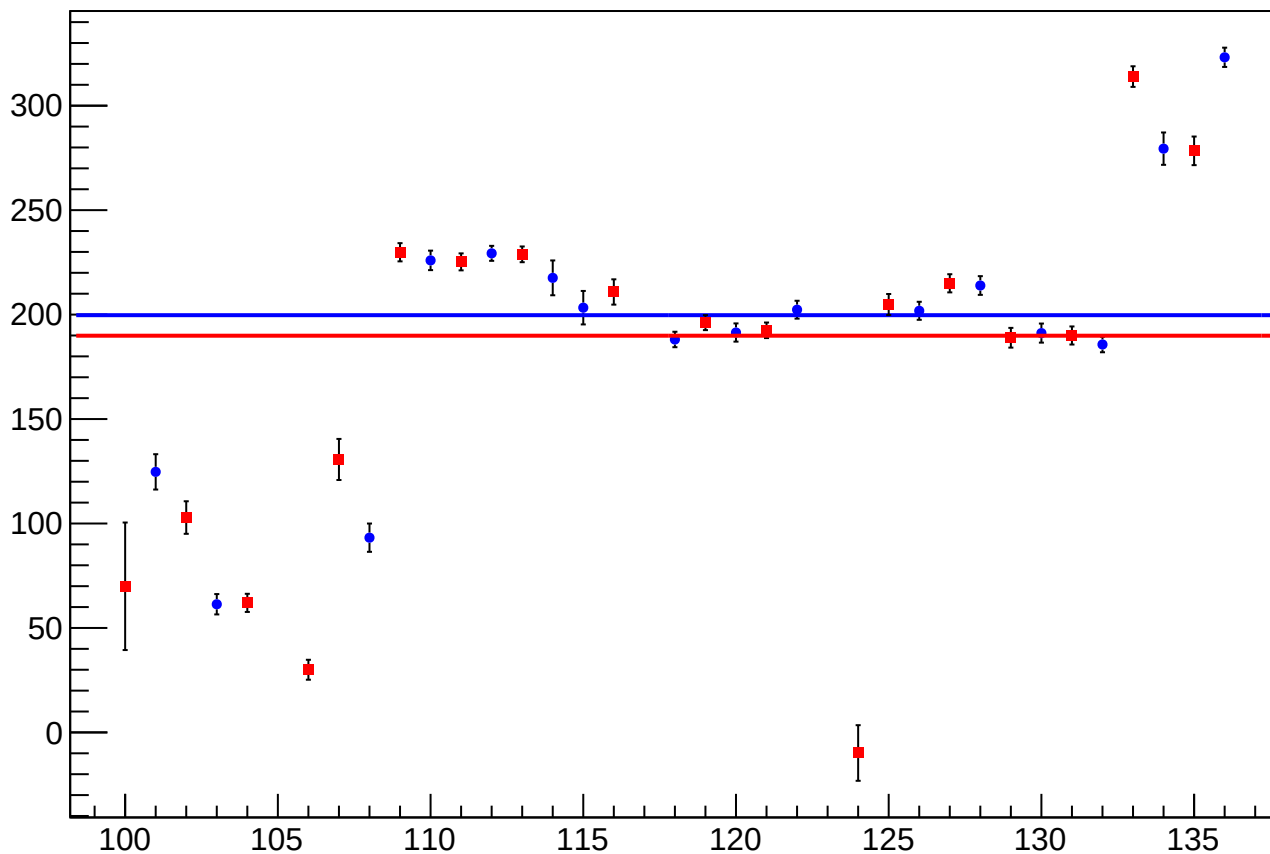
Right: 15.521 $\pm$ 0.739 χ^2 /NDF: 135.7/33

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: 15.521 $\pm$ 0.739 χ^2 /NDF: 135.7/33

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 199.722+/-1.196 χ^2/NDF : 2101.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.895+/-1.159 χ^2/NDF : 3514.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

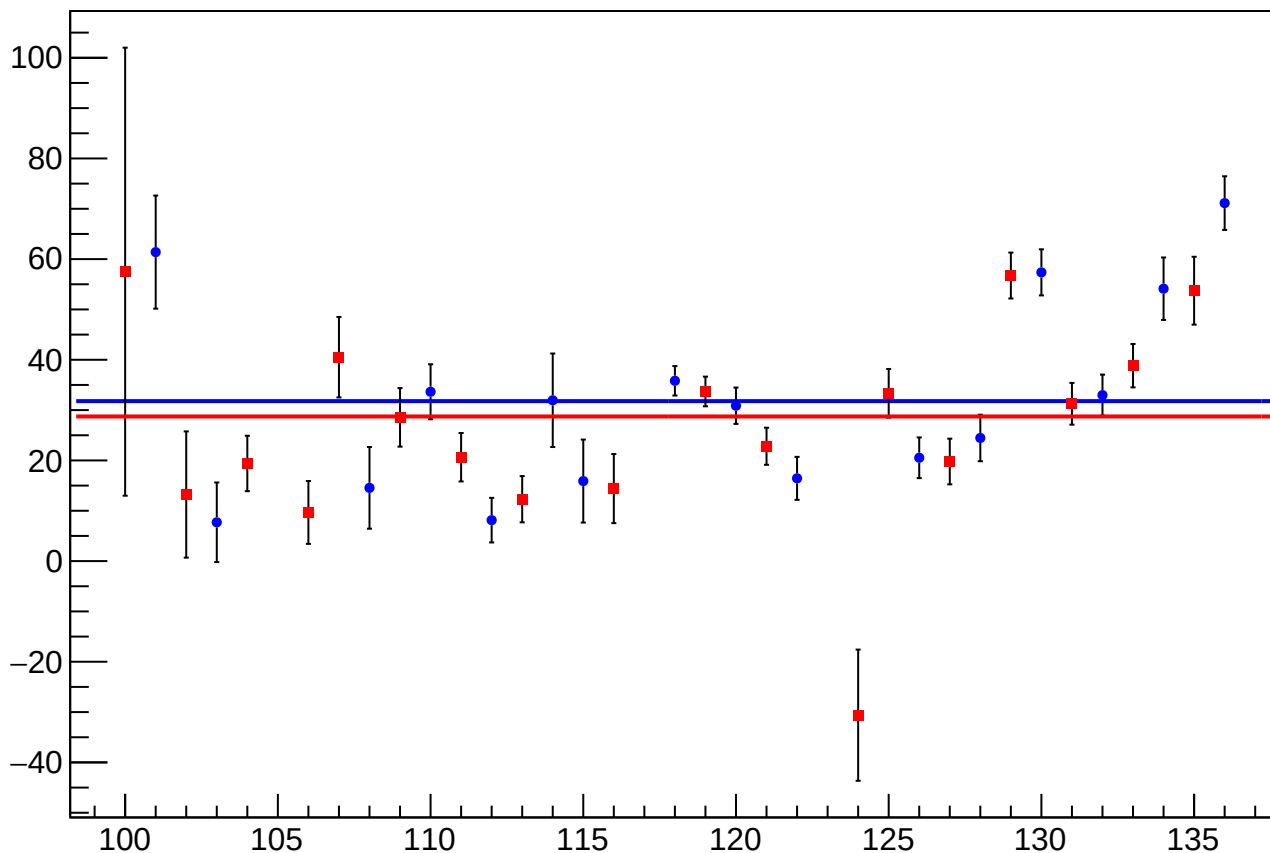
Right: 194.655+/-0.832 χ^2/NDF : 5651.1/33

In: 199.722+/-1.196 χ^2/NDF : 2101.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.655+/-0.832 χ^2/NDF : 5651.1/33

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: 28.734+/-1.203 χ^2/NDF : 124.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

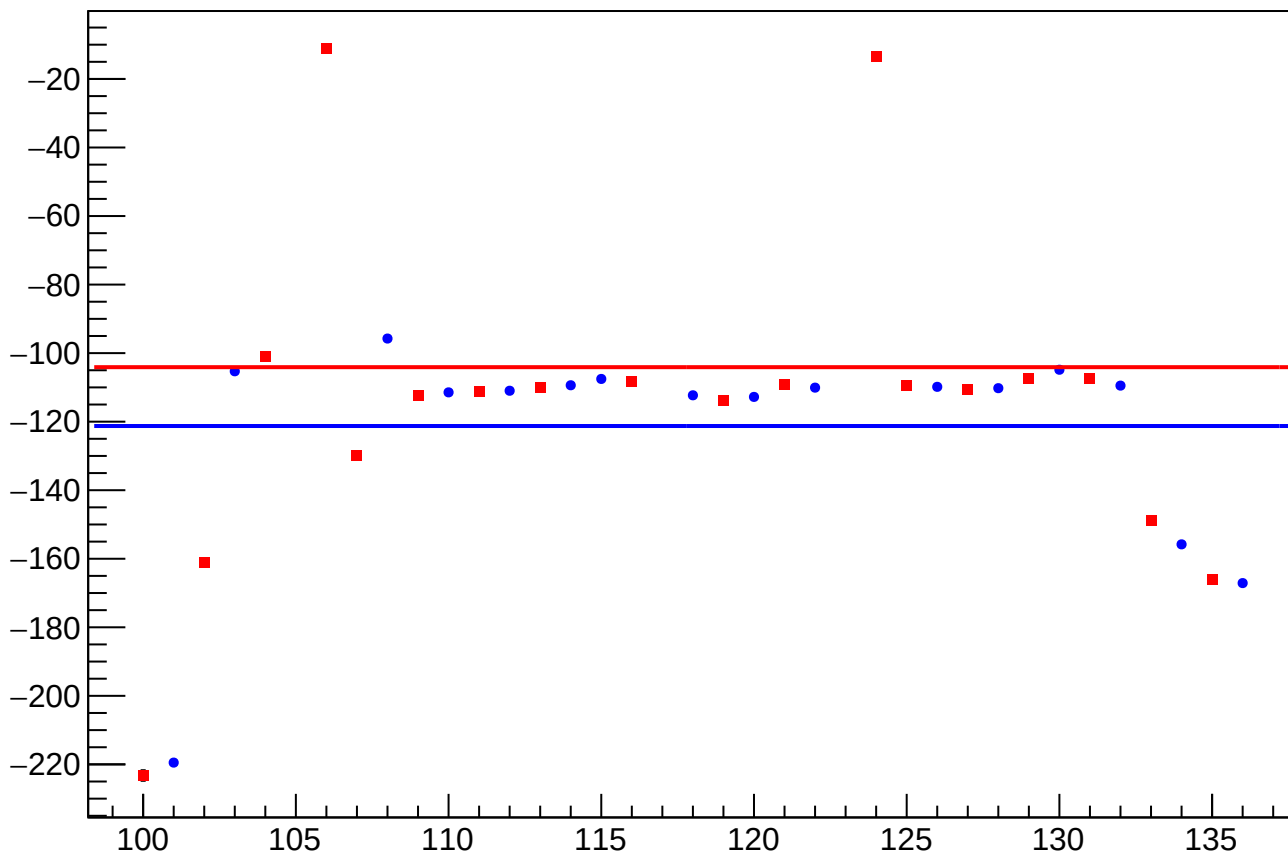
Right: 30.241+/-0.855 χ^2/NDF : 304.7/33

In: 31.782+/-1.217 χ^2/NDF : 177.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.241+/-0.855 χ^2/NDF : 304.7/33

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: -104.098+/-0.076 χ^2/NDF : 337768.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

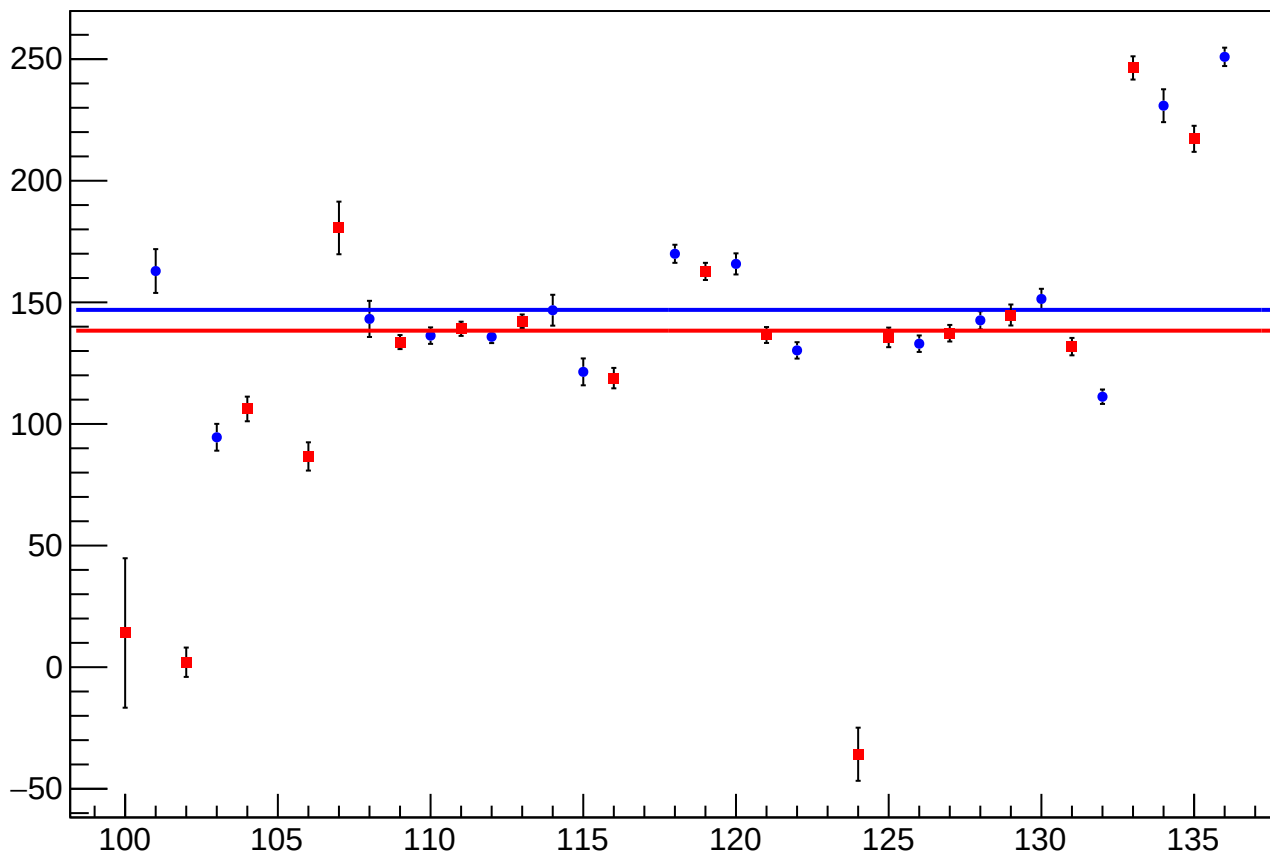
Right: -112.286+/-0.055 χ^2/NDF : 481738.4/33

In: -121.268+/-0.079 χ^2/NDF : 119398.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.286+/-0.055 χ^2/NDF : 481738.4/33

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: 138.359 $\pm$ 0.967 χ^2 /NDF: 1724.6/17

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

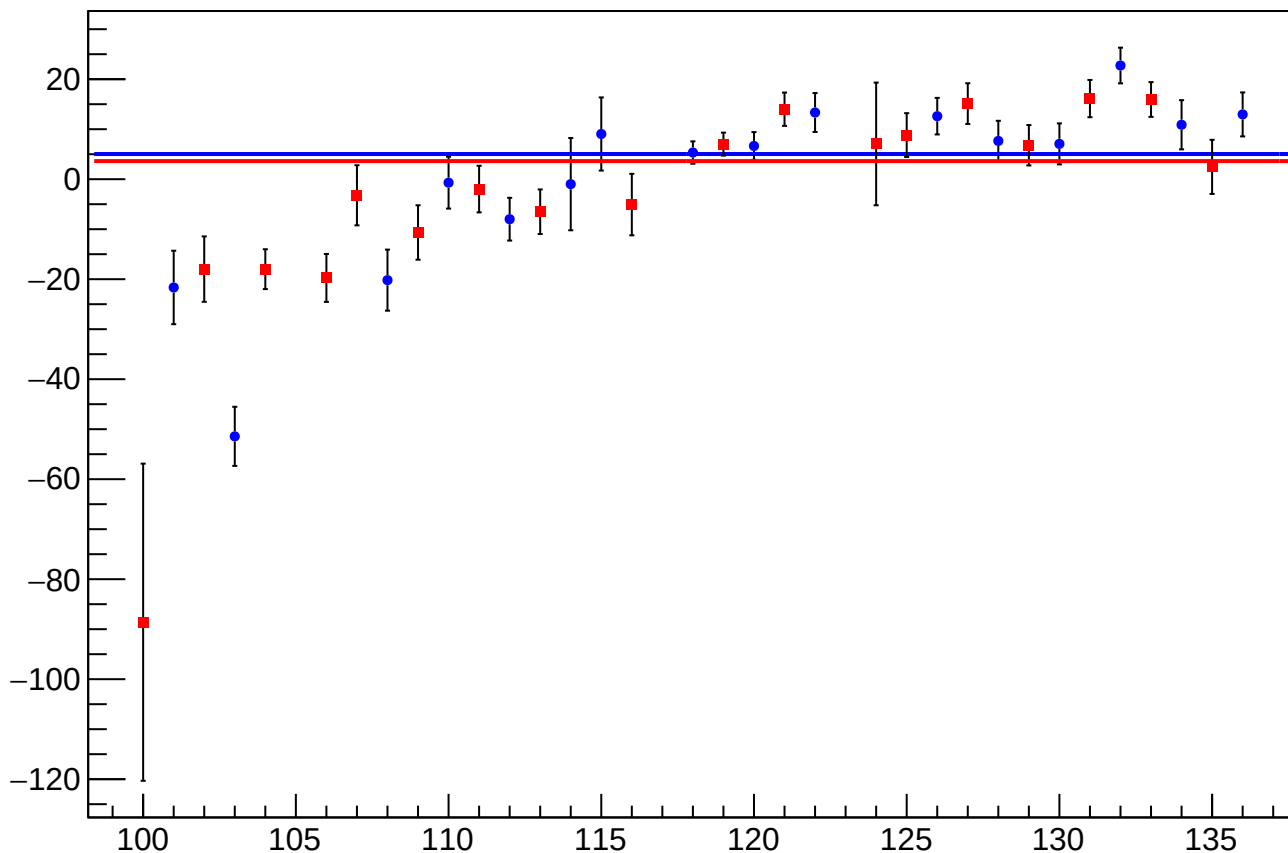
Right: 142.477 $\pm$ 0.696 χ^2 /NDF: 3064.2/33

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: 142.477 $\pm$ 0.696 χ^2 /NDF: 3064.2/33

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 5.037 $\pm$ 1.021 χ^2 /NDF: 171.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.621 $\pm$ 1.018 χ^2 /NDF: 135.2/17

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

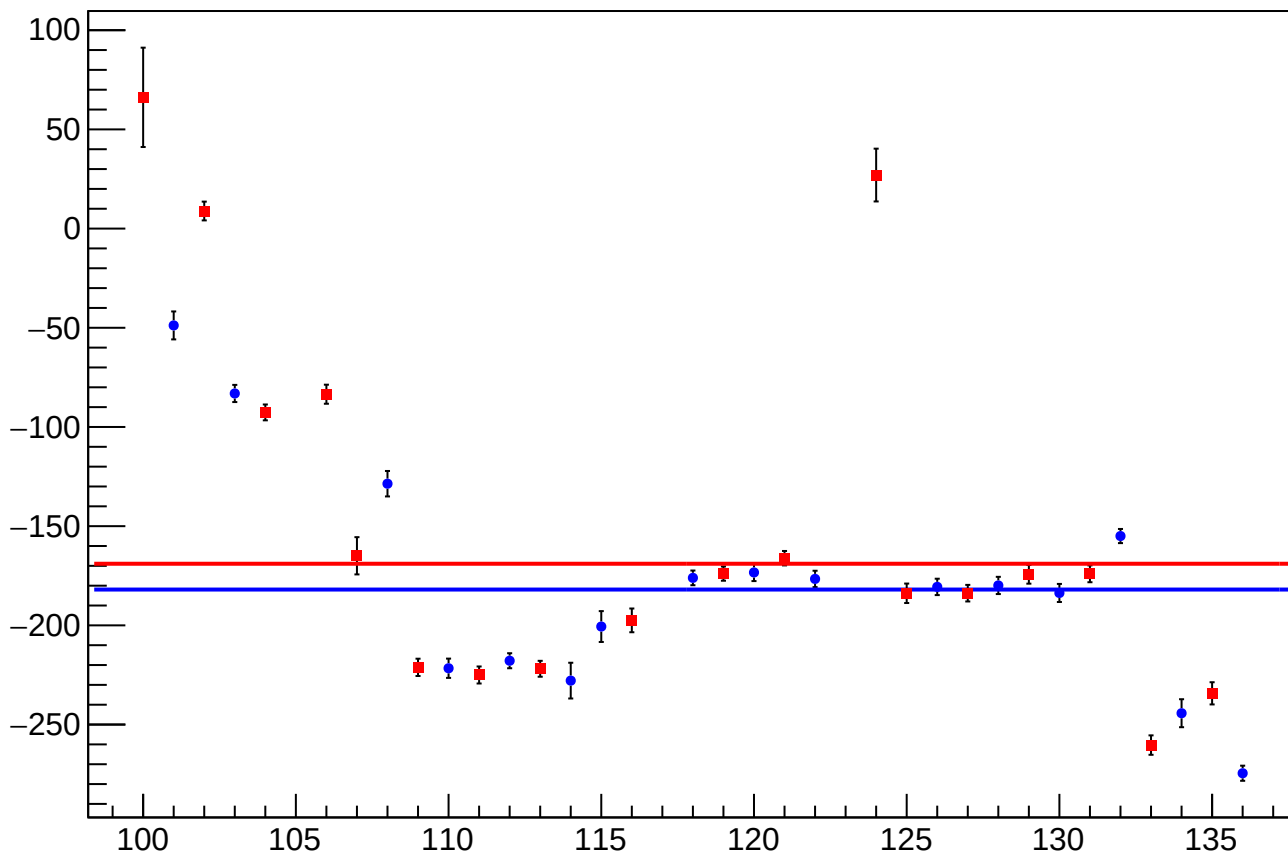
Right: 4.327 $\pm$ 0.721 χ^2 /NDF: 308.0/33

In: 5.037 $\pm$ 1.021 χ^2 /NDF:171.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 4.327 $\pm$ 0.721 χ^2 /NDF: 308.0/33

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: -168.944 ± 1.123 χ^2/NDF : 3422.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

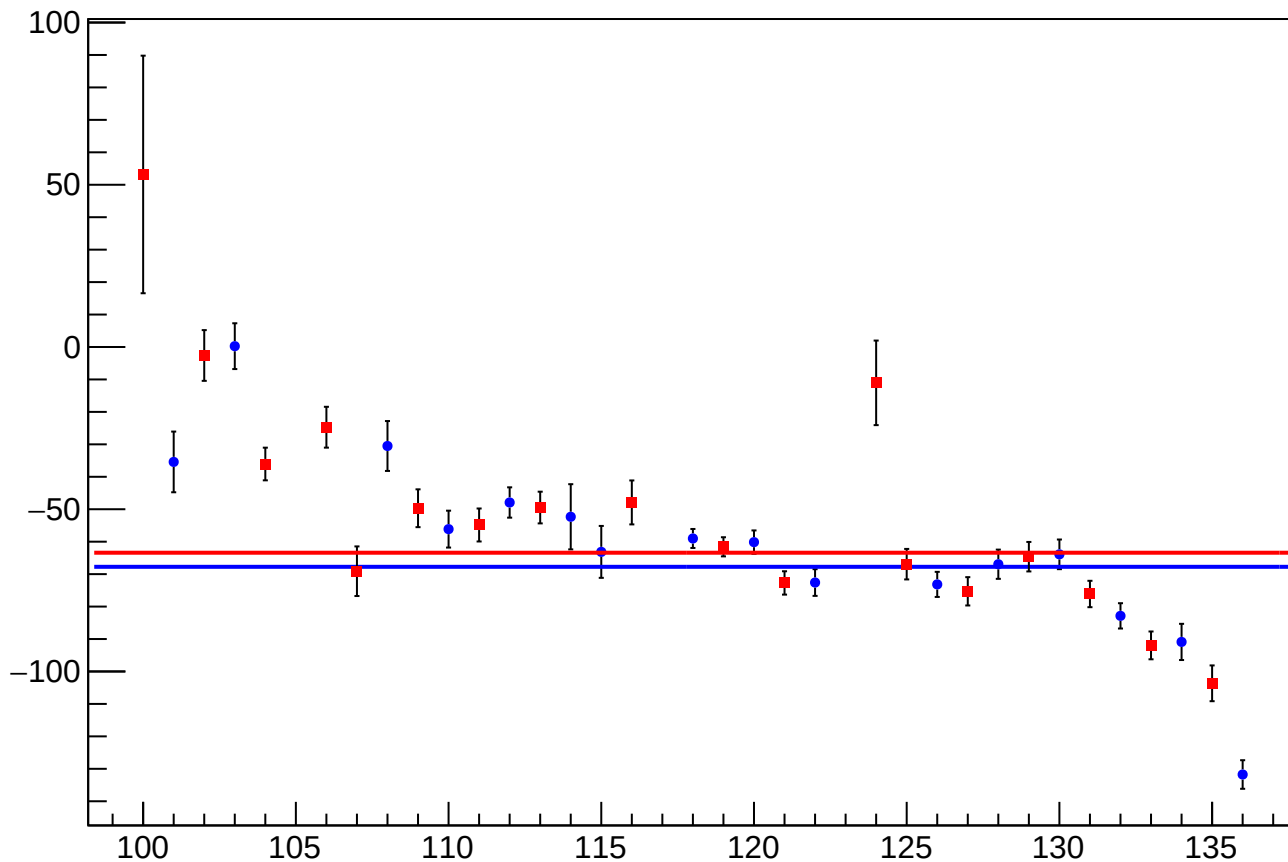
Right: -175.267 ± 0.805 χ^2/NDF : 5358.4/33

In: -181.947 ± 1.154 χ^2/NDF : 1870.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -175.267 ± 0.805 χ^2/NDF : 5358.4/33

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: -63.402 ± 1.176 χ^2/NDF : 298.9/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

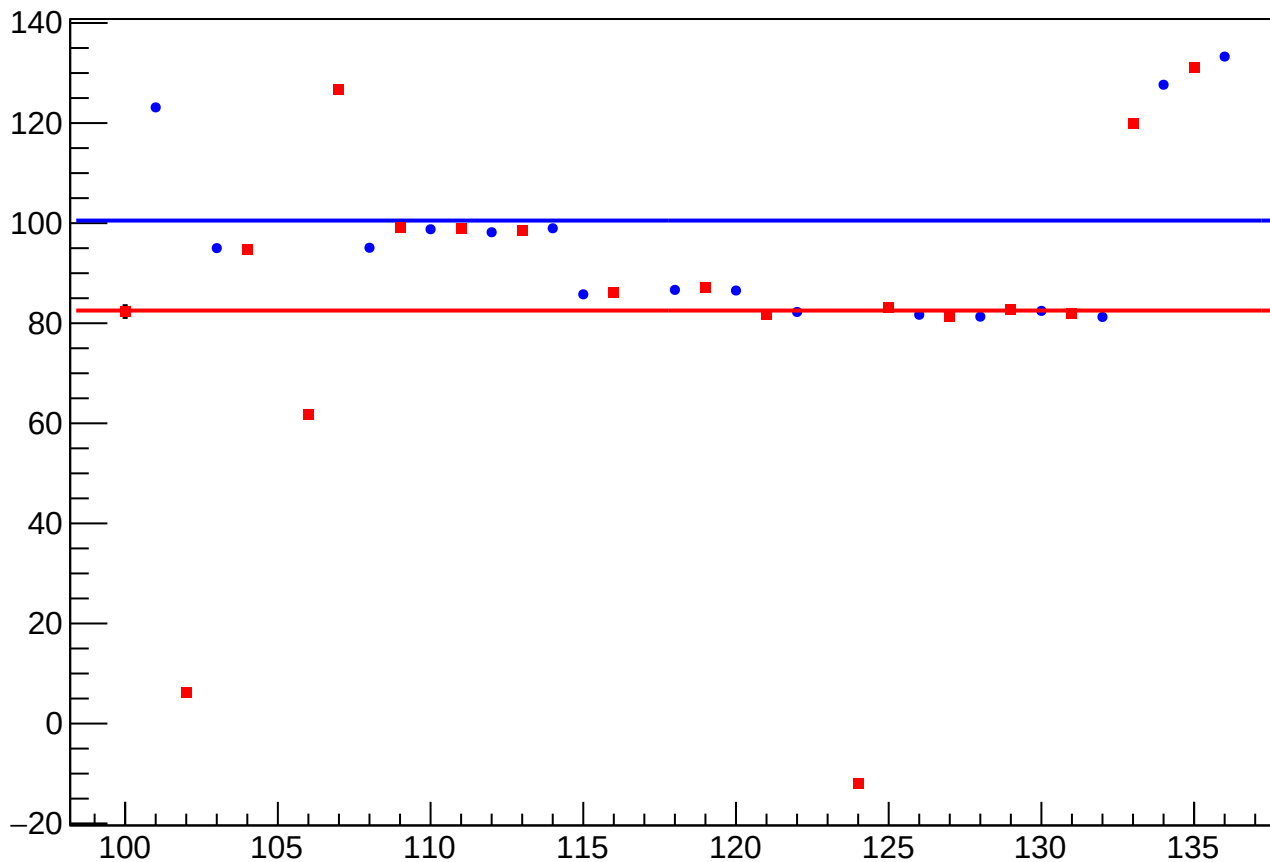
Right: -65.565 ± 0.833 χ^2/NDF : 719.7/33

In: -67.745 ± 1.181 χ^2/NDF : 414.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.565 ± 0.833 χ^2/NDF : 719.7/33

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: 82.535 $\pm$ 0.070 χ^2 /NDF: 248213.7/17

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

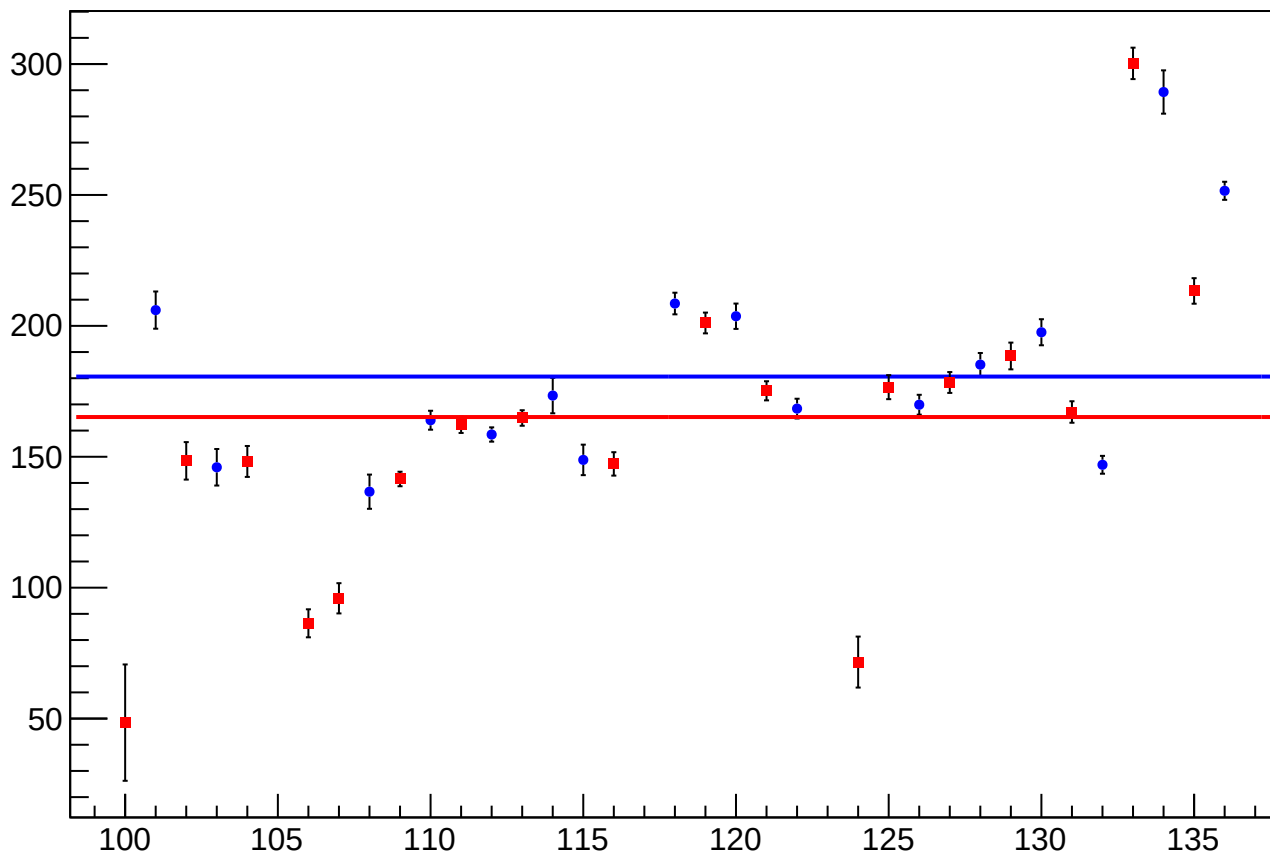
Right: 91.077 $\pm$ 0.051 χ^2 /NDF: 346706.2/33

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: 91.077 $\pm$ 0.051 χ^2 /NDF: 346706.2/33

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: 165.176+/-1.032 χ^2/NDF : 1315.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

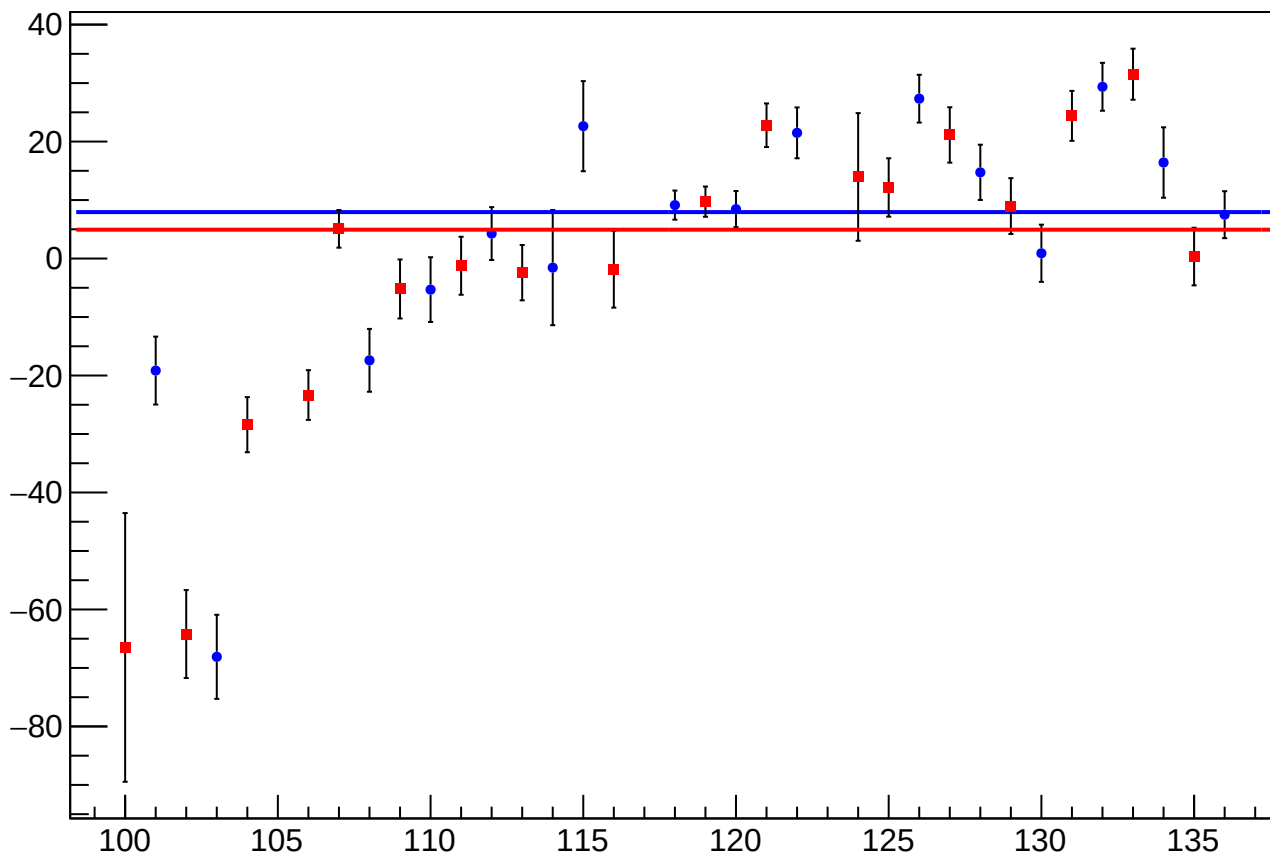
Right: 172.482+/-0.749 χ^2/NDF : 2415.5/33

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.482+/-0.749 χ^2/NDF : 2415.5/33

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: 4.934 $\pm$ 1.071 χ^2 /NDF: 297.8/17

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

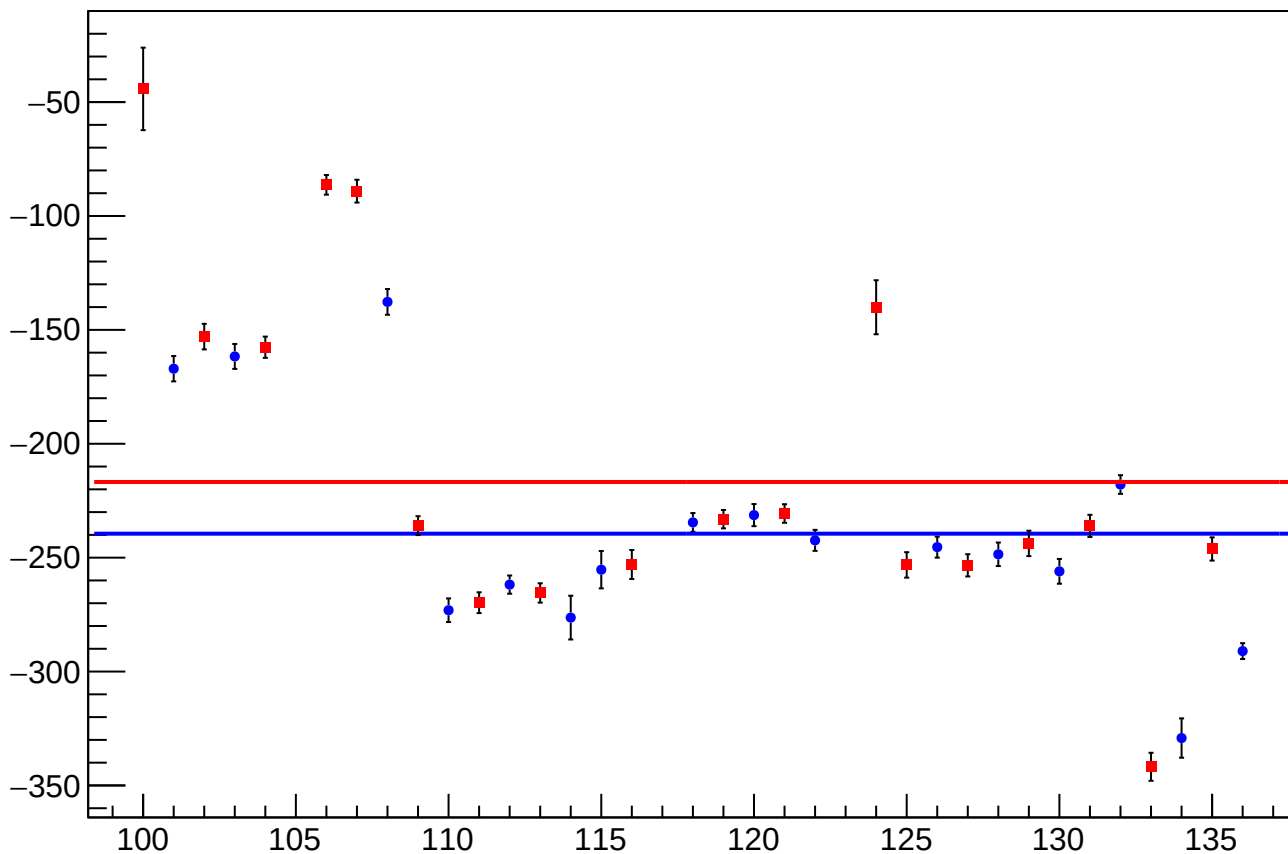
Right: 6.380 $\pm$ 0.772 χ^2 /NDF: 534.5/33

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: 6.380 $\pm$ 0.772 χ^2 /NDF: 534.5/33

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: -216.774 ± 1.193 χ^2/NDF : 2918.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

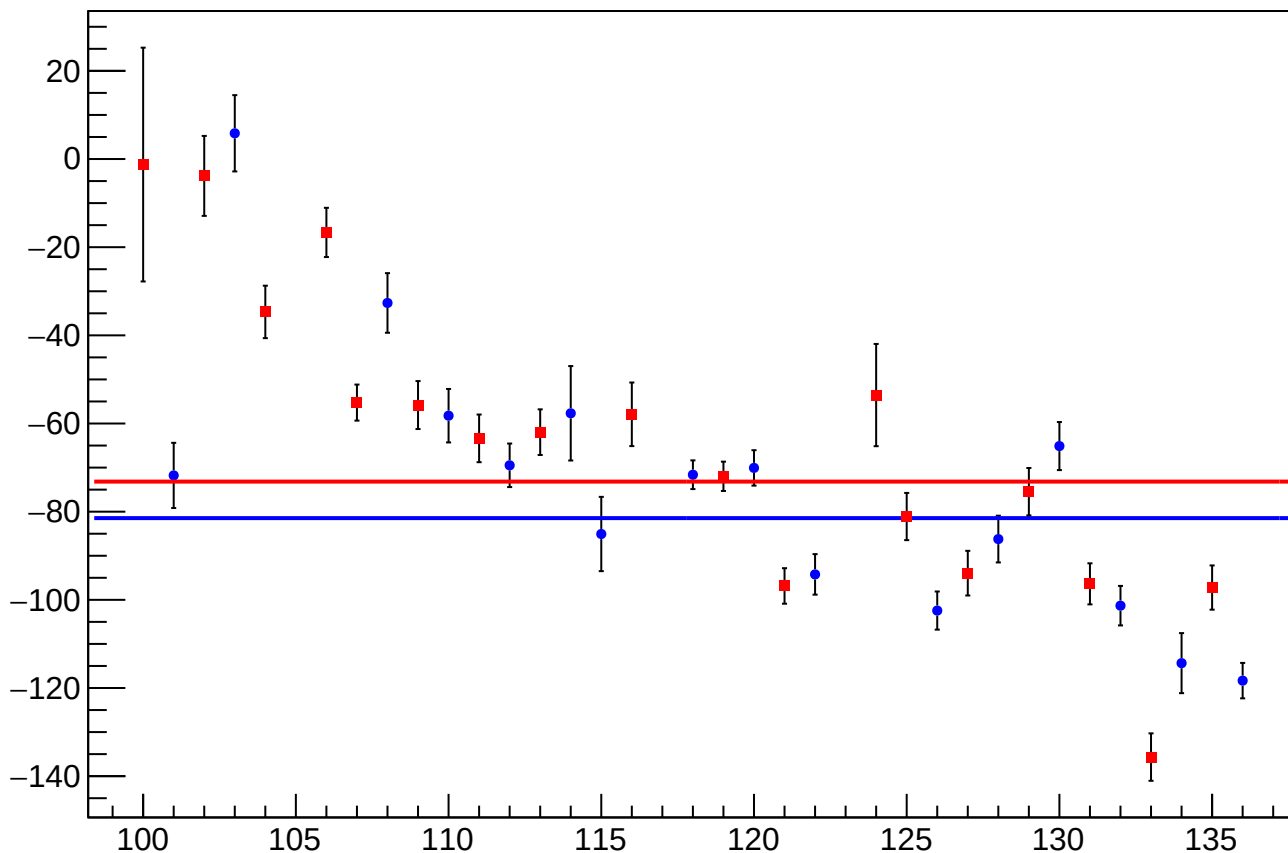
Right: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

In: -239.468 ± 1.245 χ^2/NDF : 1162.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

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: -73.177+/-1.244 χ^2/NDF : 491.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

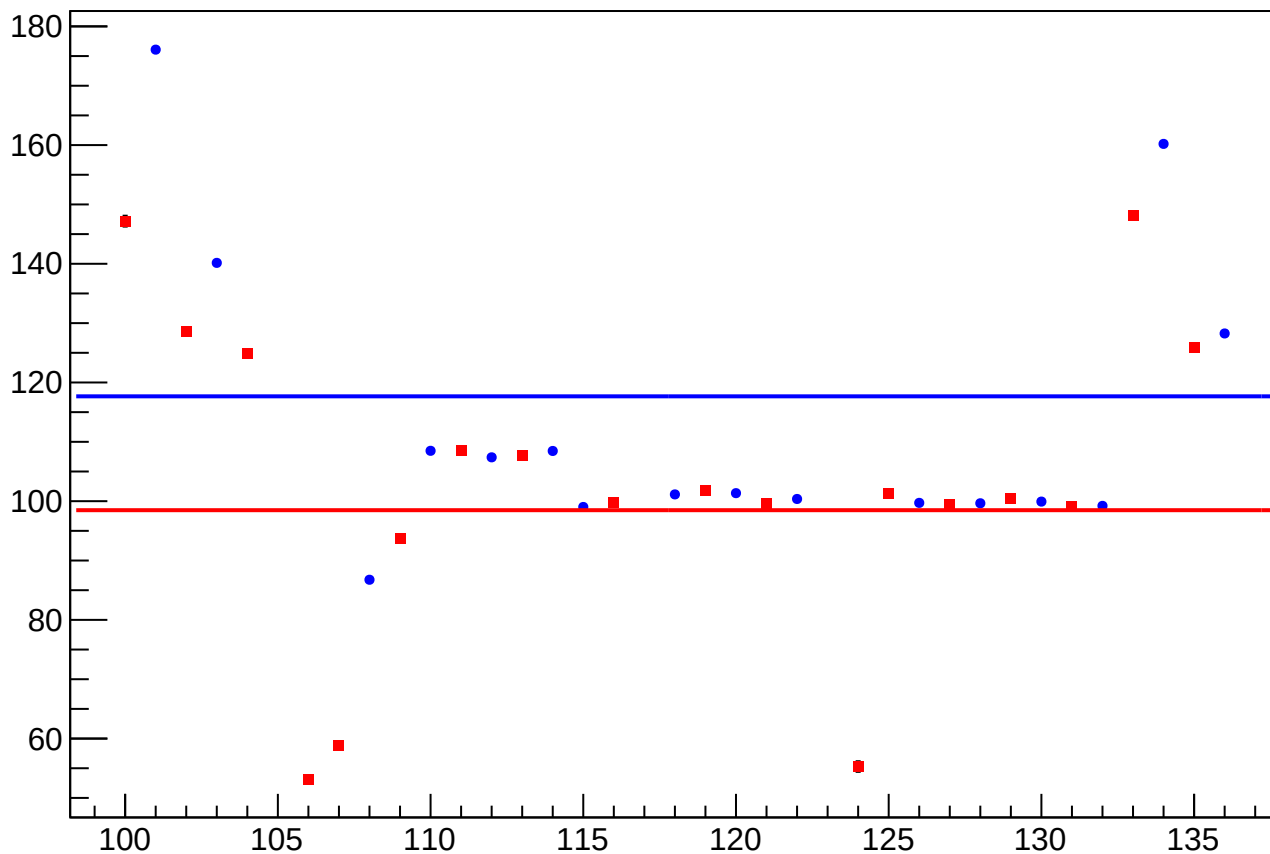
Right: -77.178+/-0.894 χ^2/NDF : 879.3/33

In: -81.462+/-1.287 χ^2/NDF : 366.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.178+/-0.894 χ^2/NDF : 879.3/33

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: 117.666 $\pm$ 0.078 χ^2 /NDF: 95397.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 98.481 $\pm$ 0.072 χ^2 /NDF: 160134.6/17

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

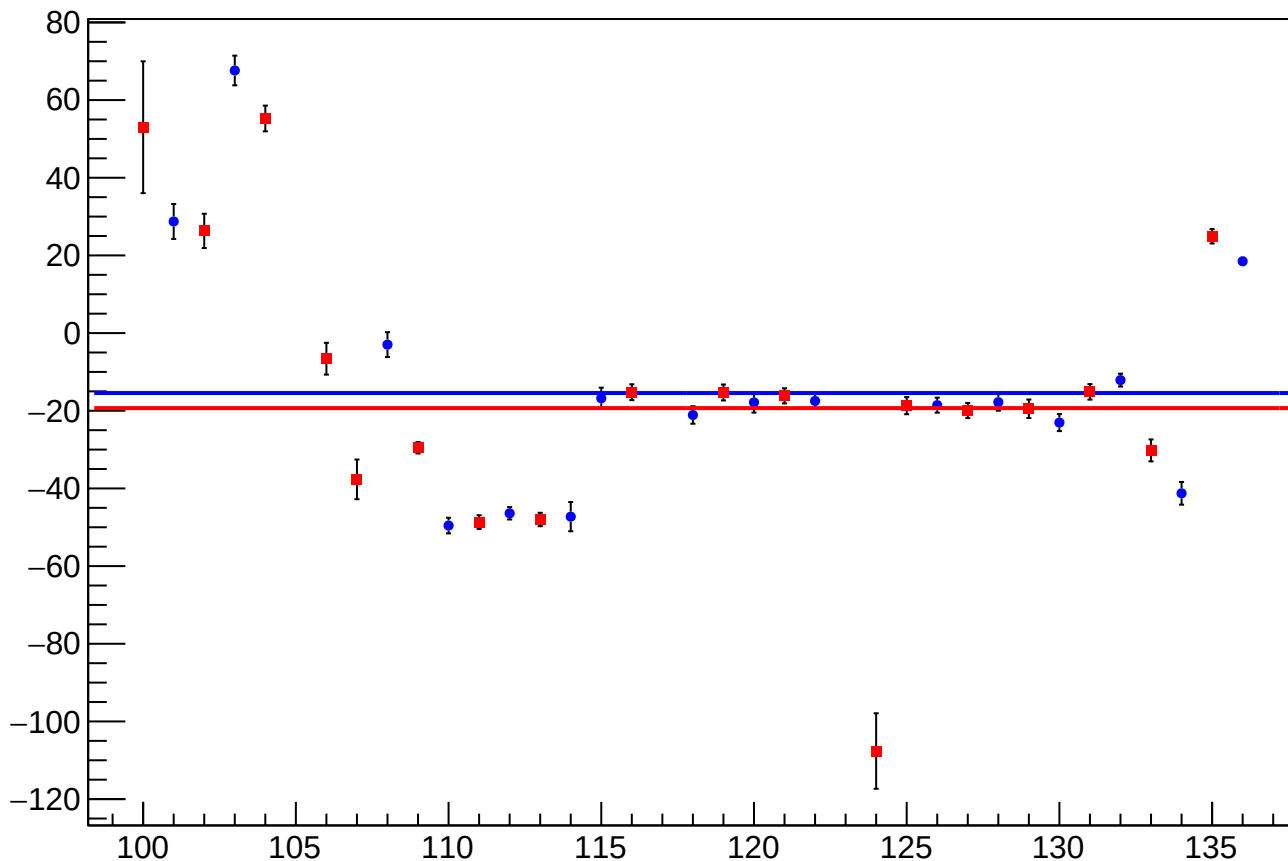
Right: 107.244 $\pm$ 0.053 χ^2 /NDF: 288181.1/33

In: 117.666 $\pm$ 0.078 χ^2 /NDF: 95397.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 107.244 $\pm$ 0.053 χ^2 /NDF: 288181.1/33

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.438 ± 0.539 χ^2/NDF : 2124.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.316 ± 0.540 χ^2/NDF : 1938.3/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

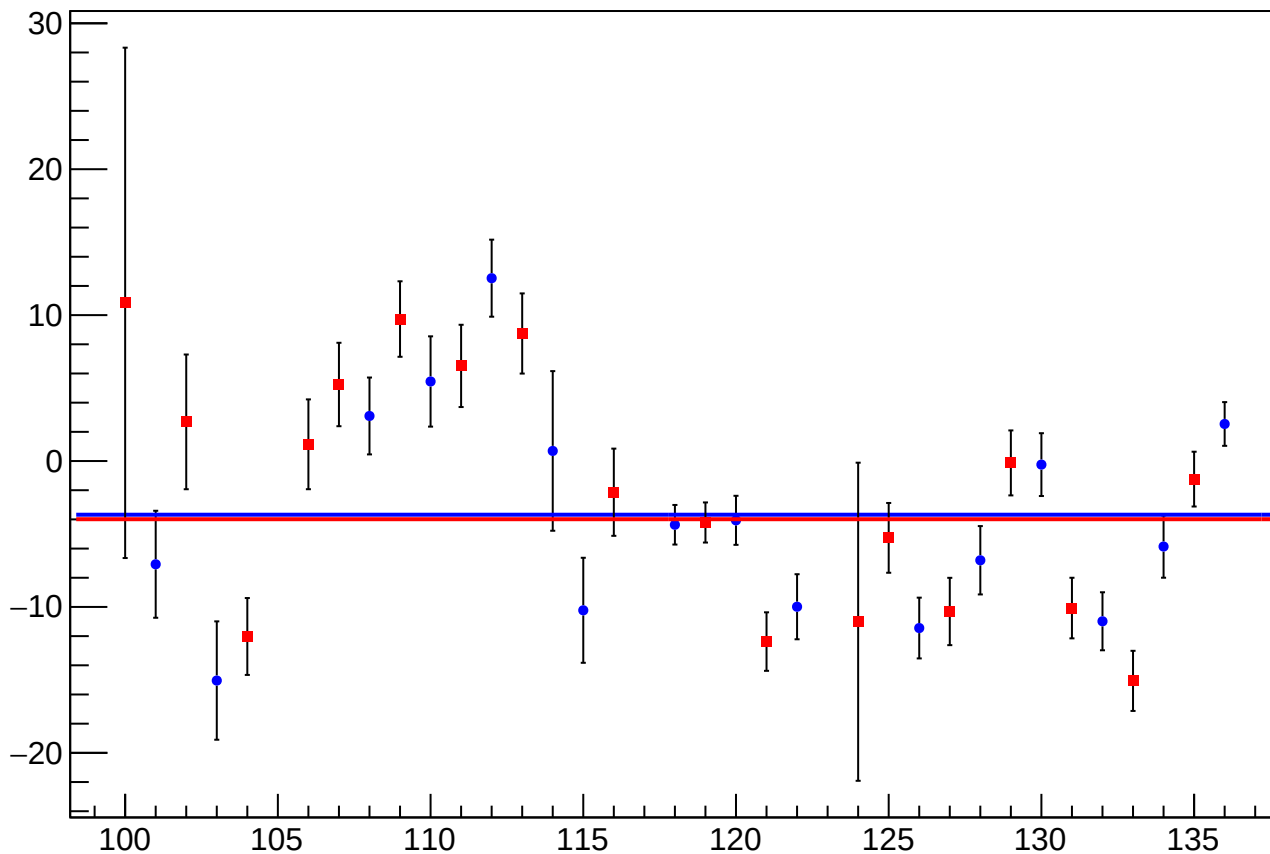
Right: -17.372 ± 0.382 χ^2/NDF : 4088.3/33

In: -15.438 ± 0.539 χ^2/NDF : 2124.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.372 ± 0.382 χ^2/NDF : 4088.3/33

reg_asym_atl_dd_atr_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: -3.987+/-0.573 χ^2/NDF : 157.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

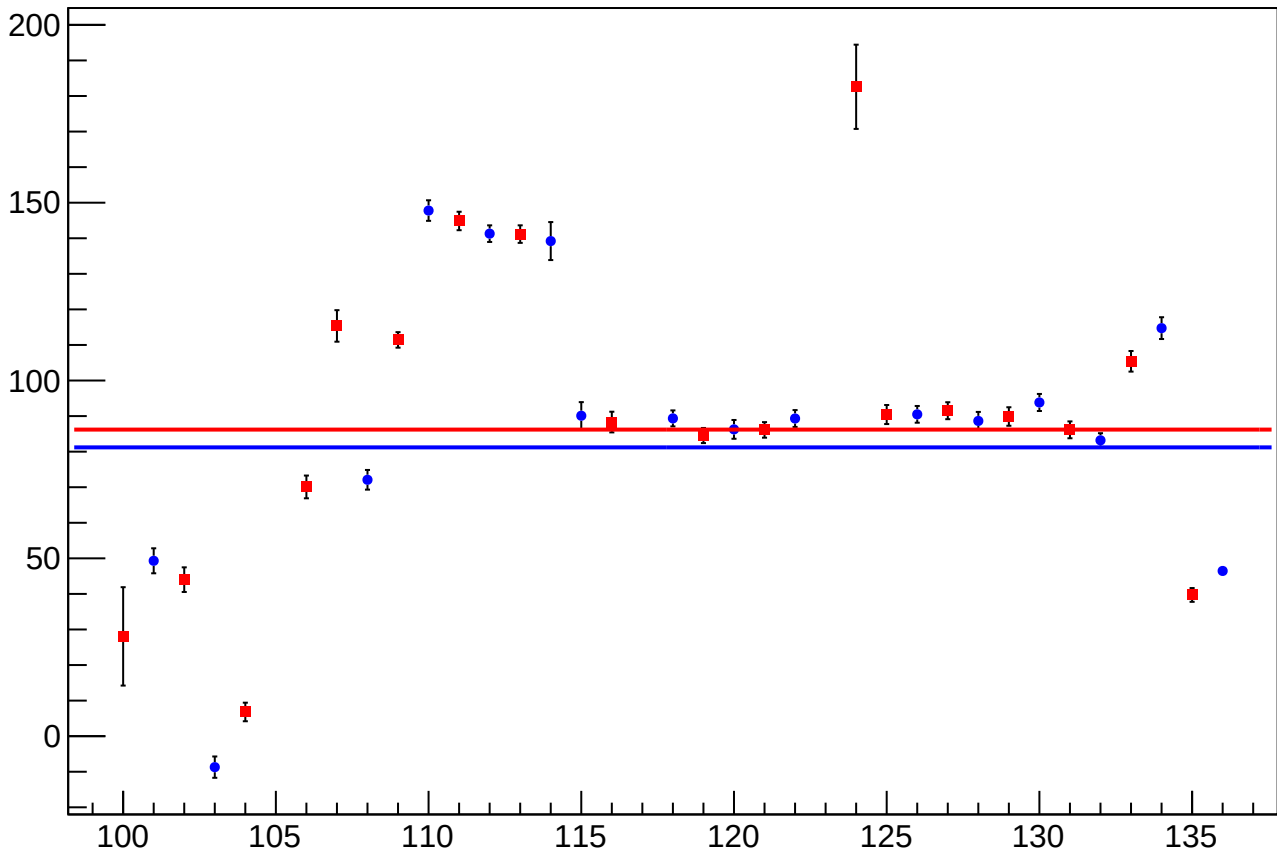
Right: -3.828+/-0.398 χ^2/NDF : 281.7/33

In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.828+/-0.398 χ^2/NDF : 281.7/33

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: 86.203+/-0.634 χ^2 /NDF: 2997.2/17

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

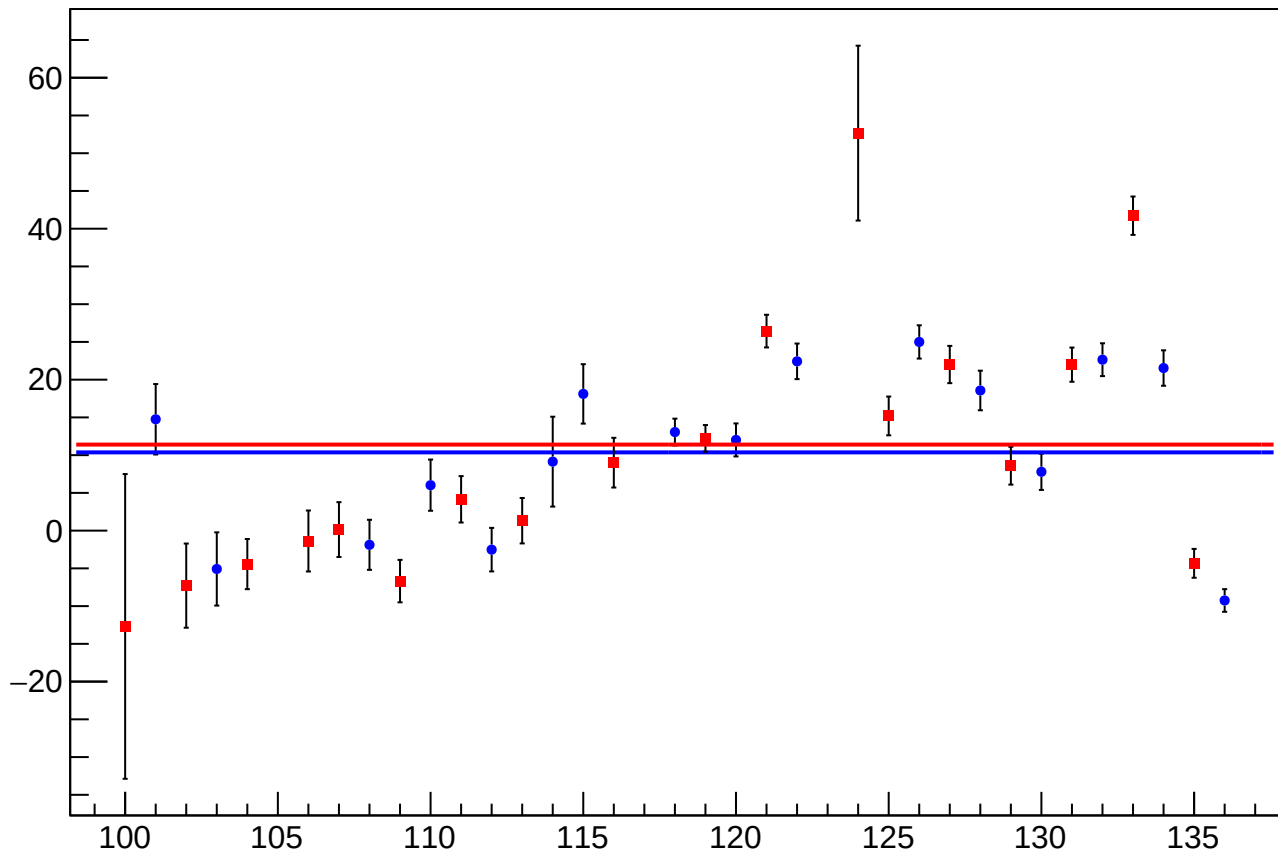
Right: 83.595+/-0.438 χ^2 /NDF: 6260.2/33

In: 81.203+/-0.607 χ^2 /NDF:3230.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 83.595+/-0.438 χ^2 /NDF: 6260.2/33

reg_asym_atl_dd_atr_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 10.367 $\pm$ 0.627 χ^2 /NDF: 359.8/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.397 $\pm$ 0.654 χ^2 /NDF: 429.0/17

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

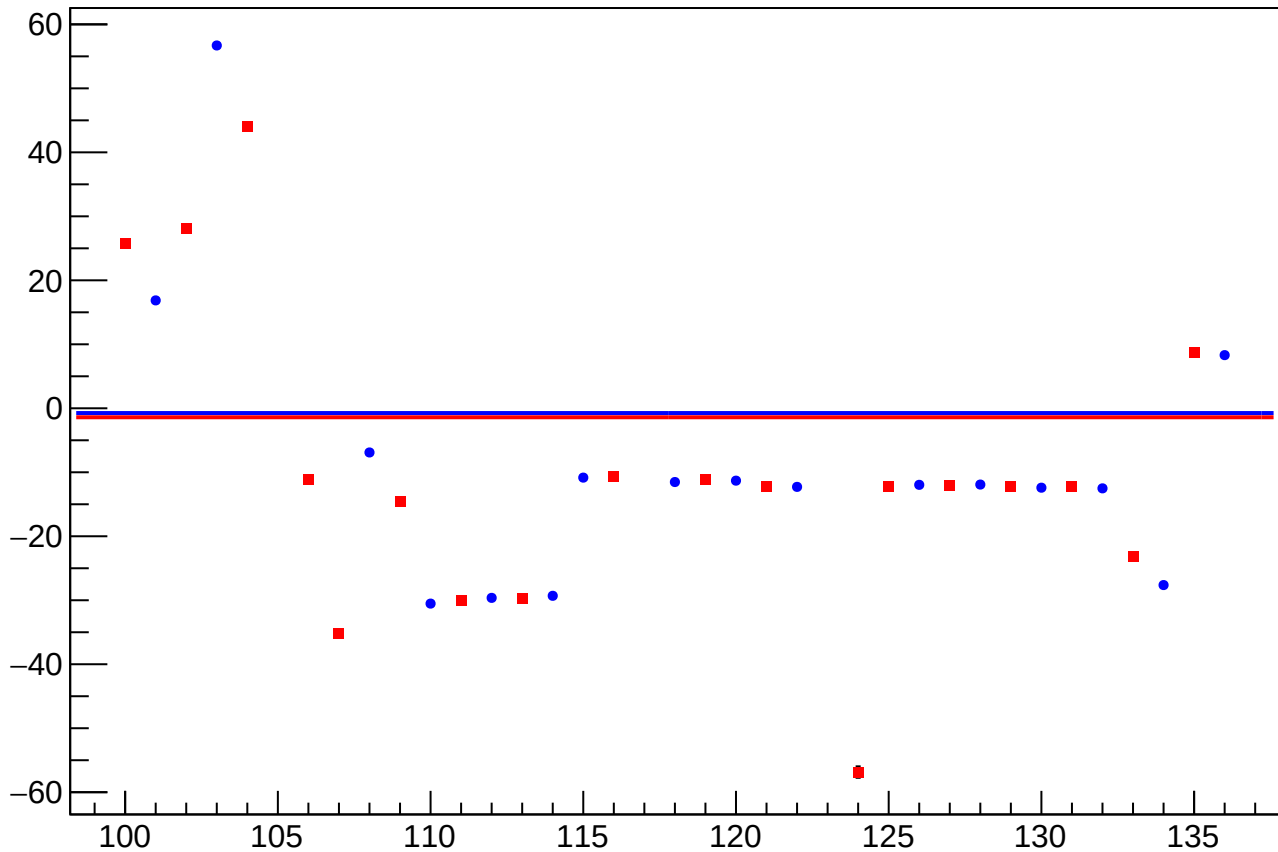
Right: 10.860 $\pm$ 0.452 χ^2 /NDF: 790.1/33

In: 10.367 $\pm$ 0.627 χ^2 /NDF: 359.8/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.860 $\pm$ 0.452 χ^2 /NDF: 790.1/33

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: -1.404+/-0.039 χ^2/NDF : 311416.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

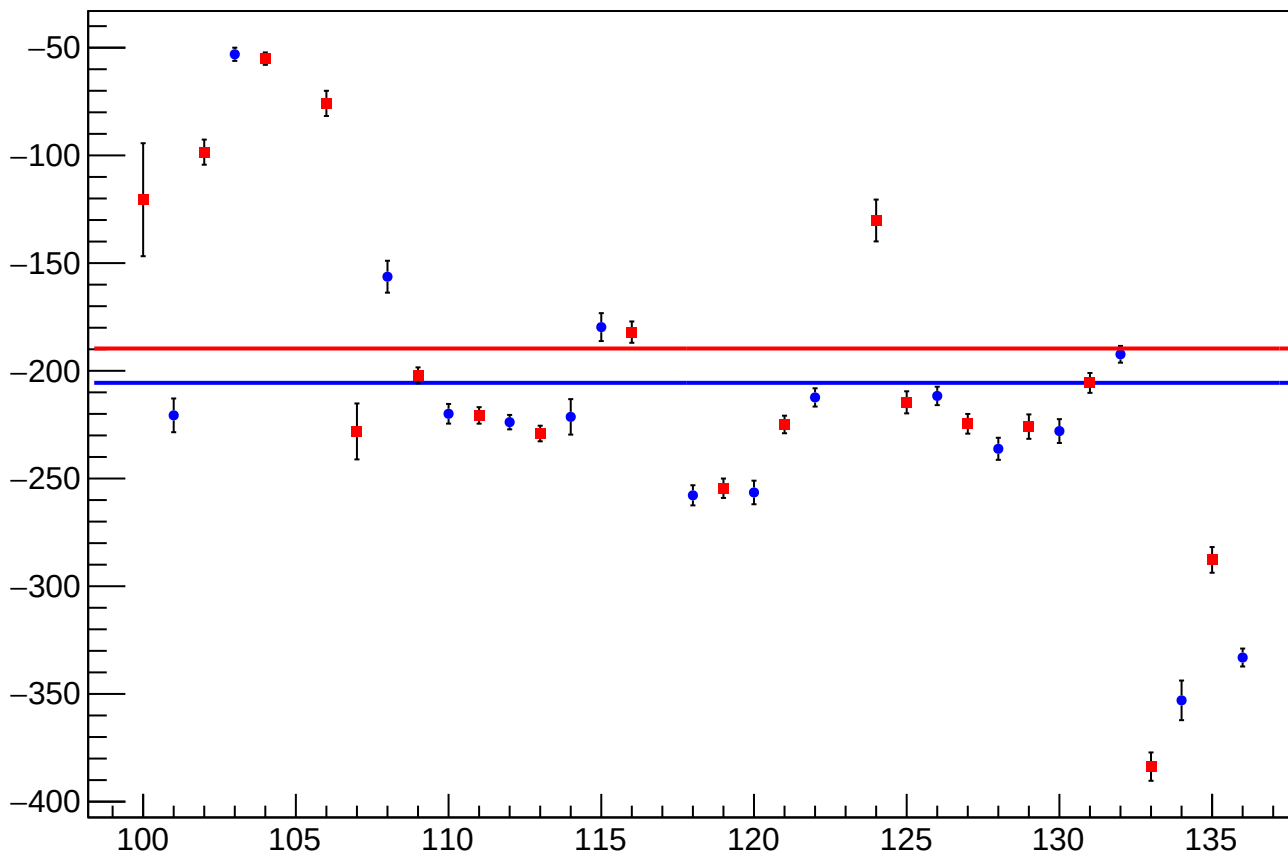
Right: -1.048+/-0.026 χ^2/NDF : 679565.2/33

In: -0.745+/-0.036 χ^2/NDF :367993.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.048+/-0.026 χ^2/NDF : 679565.2/33

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: -189.640+/-1.132 χ^2/NDF : 4621.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

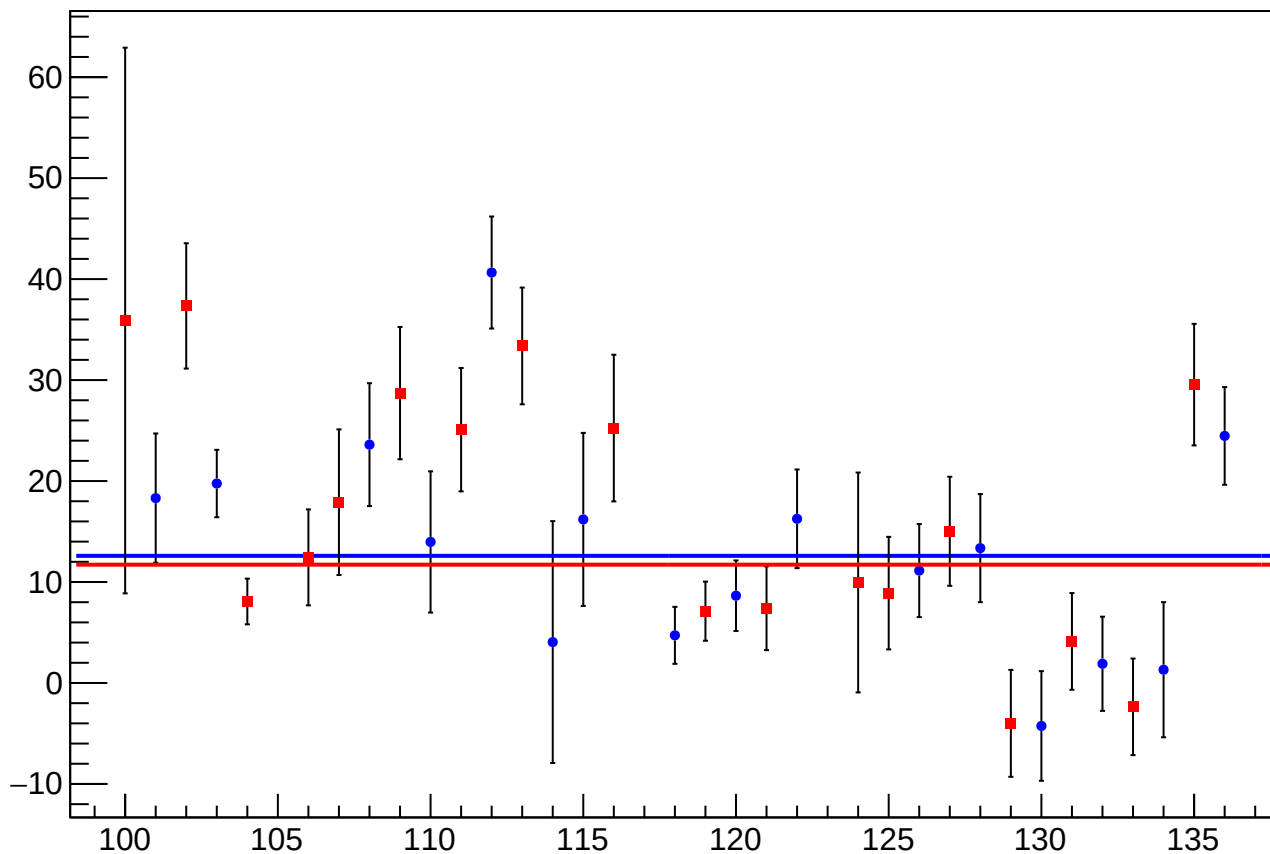
Right: -197.245+/-0.818 χ^2/NDF : 8772.3/33

In: -205.577+/-1.185 χ^2/NDF :4056.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -197.245+/-0.818 χ^2/NDF : 8772.3/33

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: 11.717 $\pm$ 1.128 χ^2 /NDF: 83.2/17

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

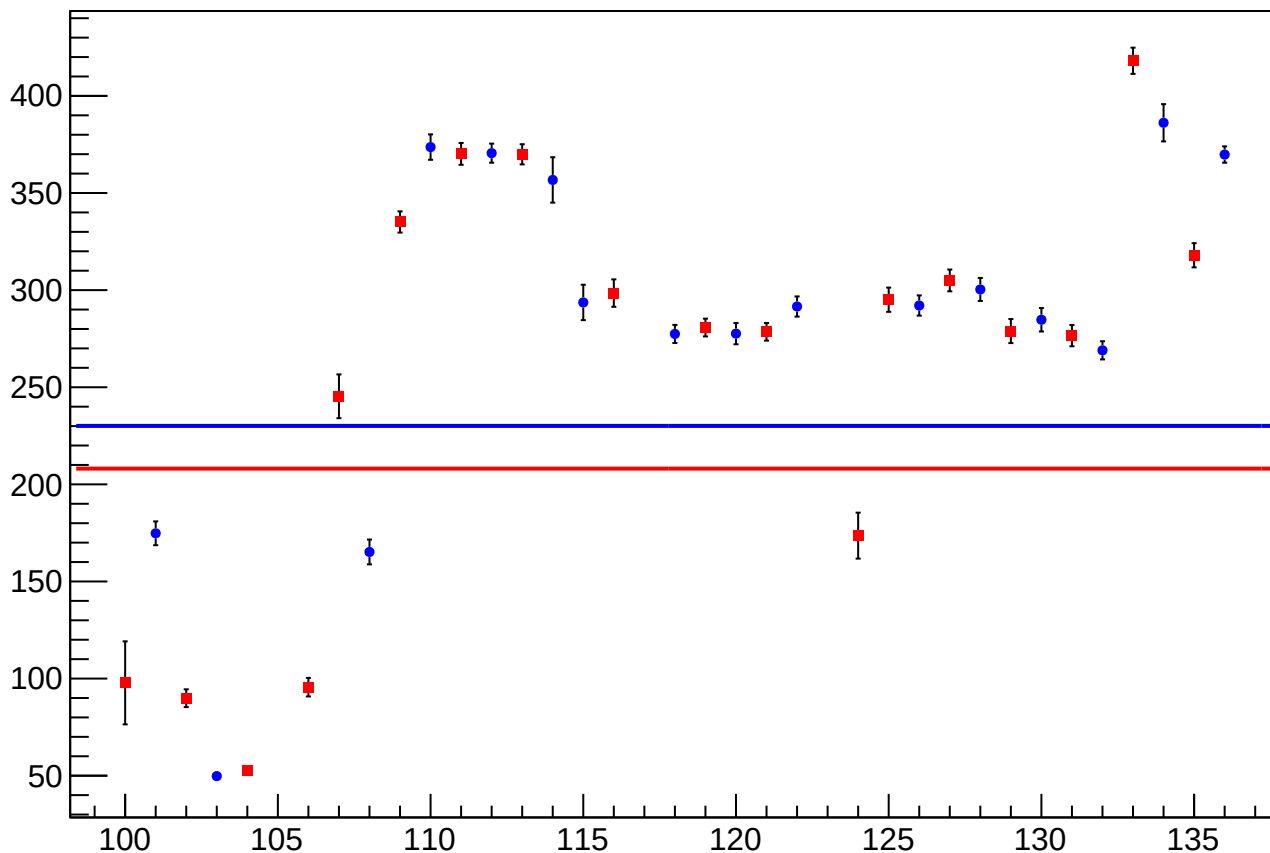
Right: 12.127 $\pm$ 0.823 χ^2 /NDF: 152.0/33

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: 12.127 $\pm$ 0.823 χ^2 /NDF: 152.0/33

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: 208.096+/-1.207 χ^2/NDF : 11029.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

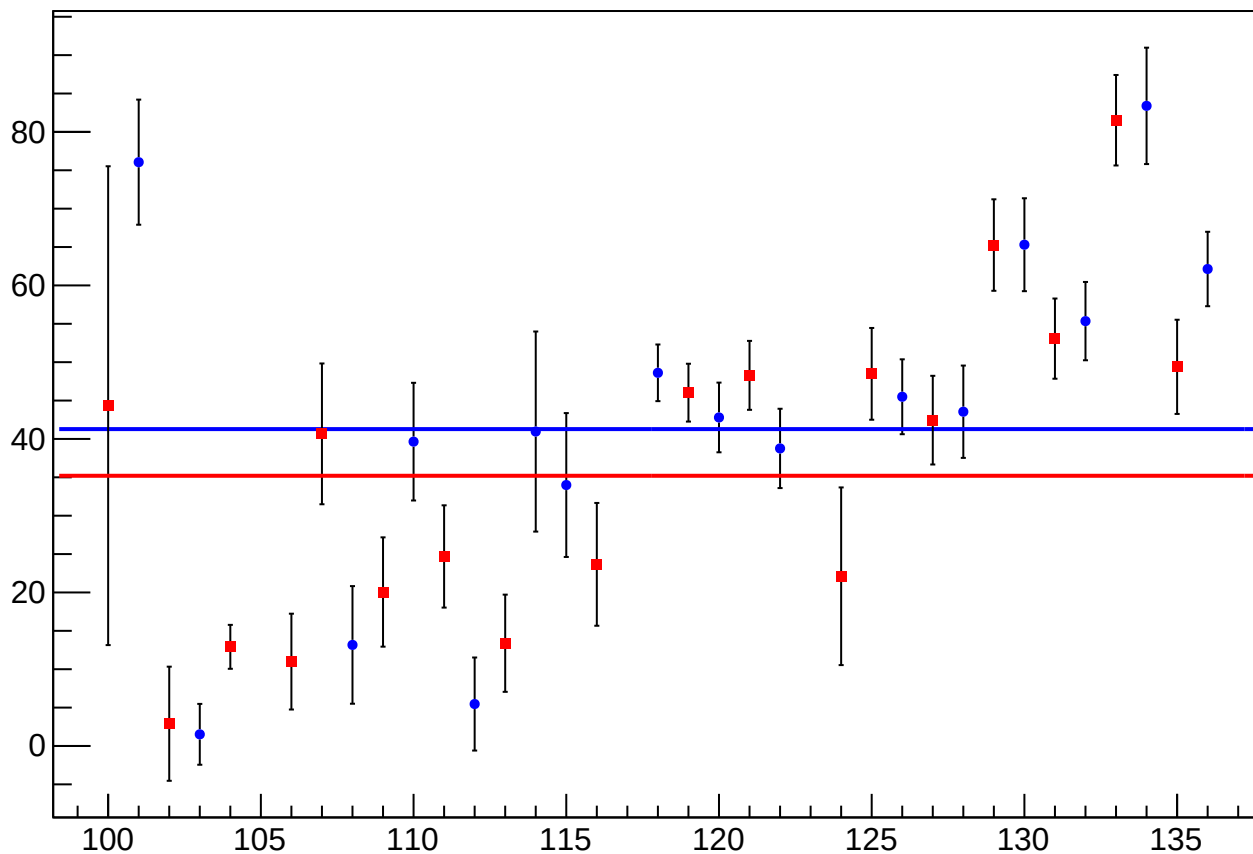
Right: 218.625+/-0.871 χ^2/NDF : 20564.3/33

In: 230.095+/-1.260 χ^2/NDF : 9375.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 218.625+/-0.871 χ^2/NDF : 20564.3/33

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: 35.201+/-1.328 χ^2/NDF : 244.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

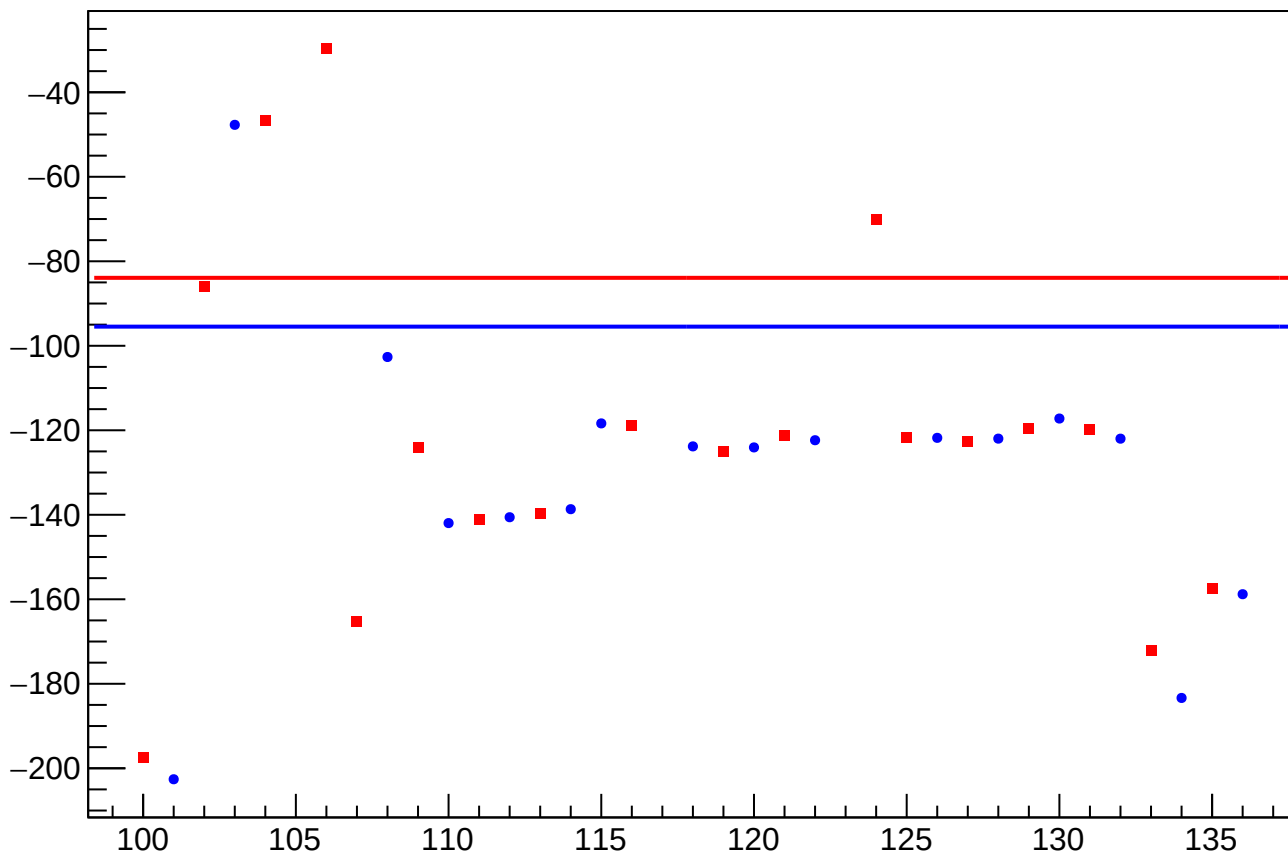
Right: 38.086+/-0.963 χ^2/NDF : 500.5/33

In: 41.282+/-1.398 χ^2/NDF : 245.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.086+/-0.963 χ^2/NDF : 500.5/33

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: -83.917+/-0.068 χ^2/NDF : 453121.3/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

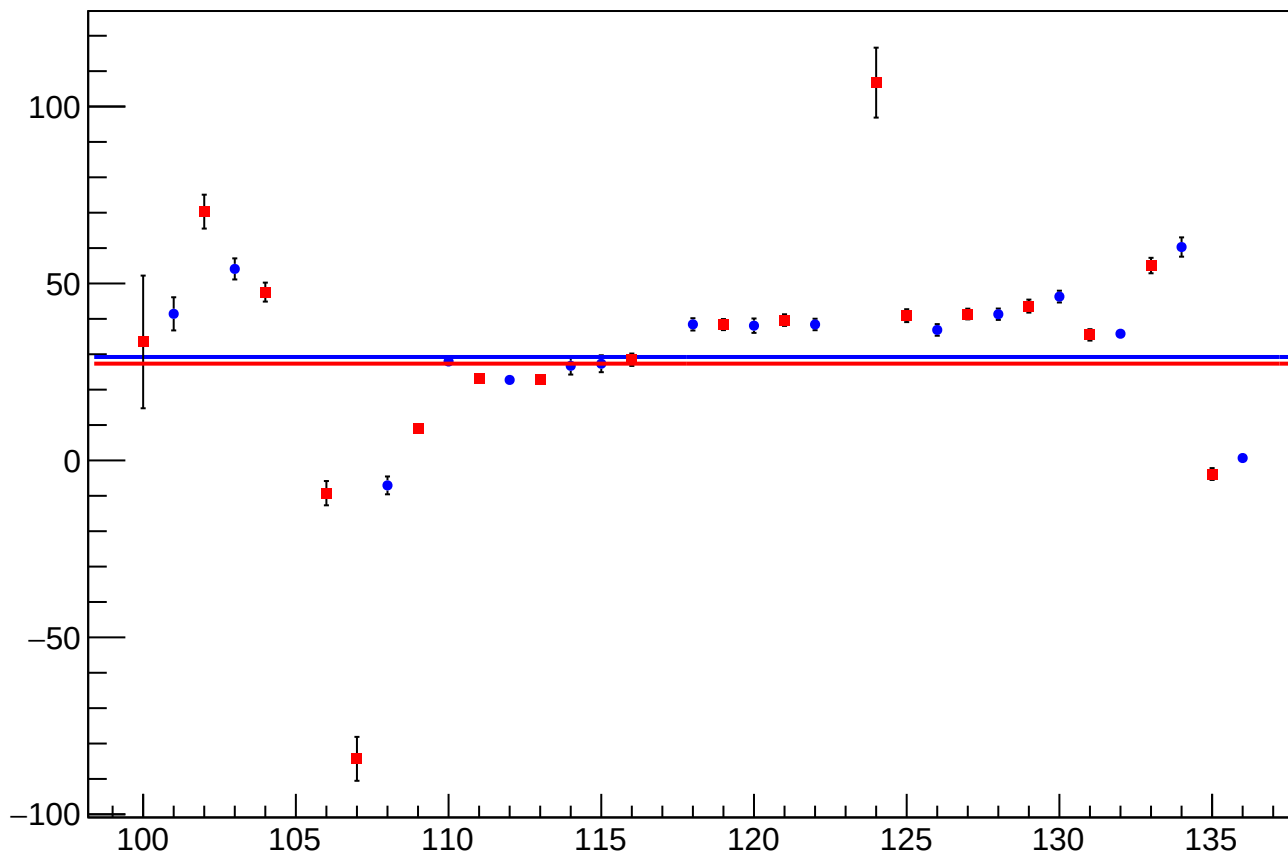
Right: -89.550+/-0.049 χ^2/NDF : 987244.8/33

In: -95.468+/-0.069 χ^2/NDF :519953.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -89.550+/-0.049 χ^2/NDF : 987244.8/33

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: 27.348+/-0.420 χ^2/NDF : 1814.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

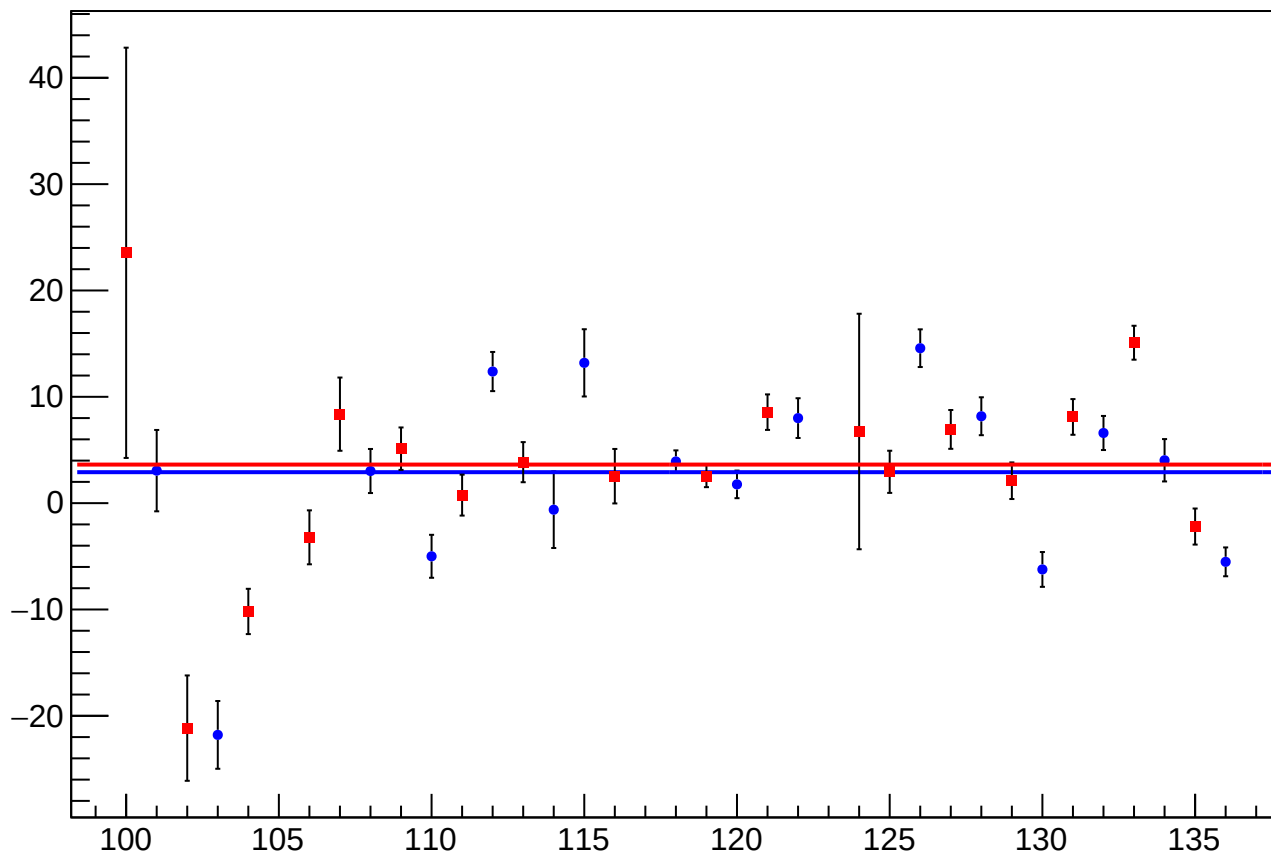
Right: 28.279+/-0.299 χ^2/NDF : 3167.5/33

In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.279+/-0.299 χ^2/NDF : 3167.5/33

reg_asym_atl_avg_atr_avg_dd_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: 3.627+/-0.459 χ^2/NDF : 164.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

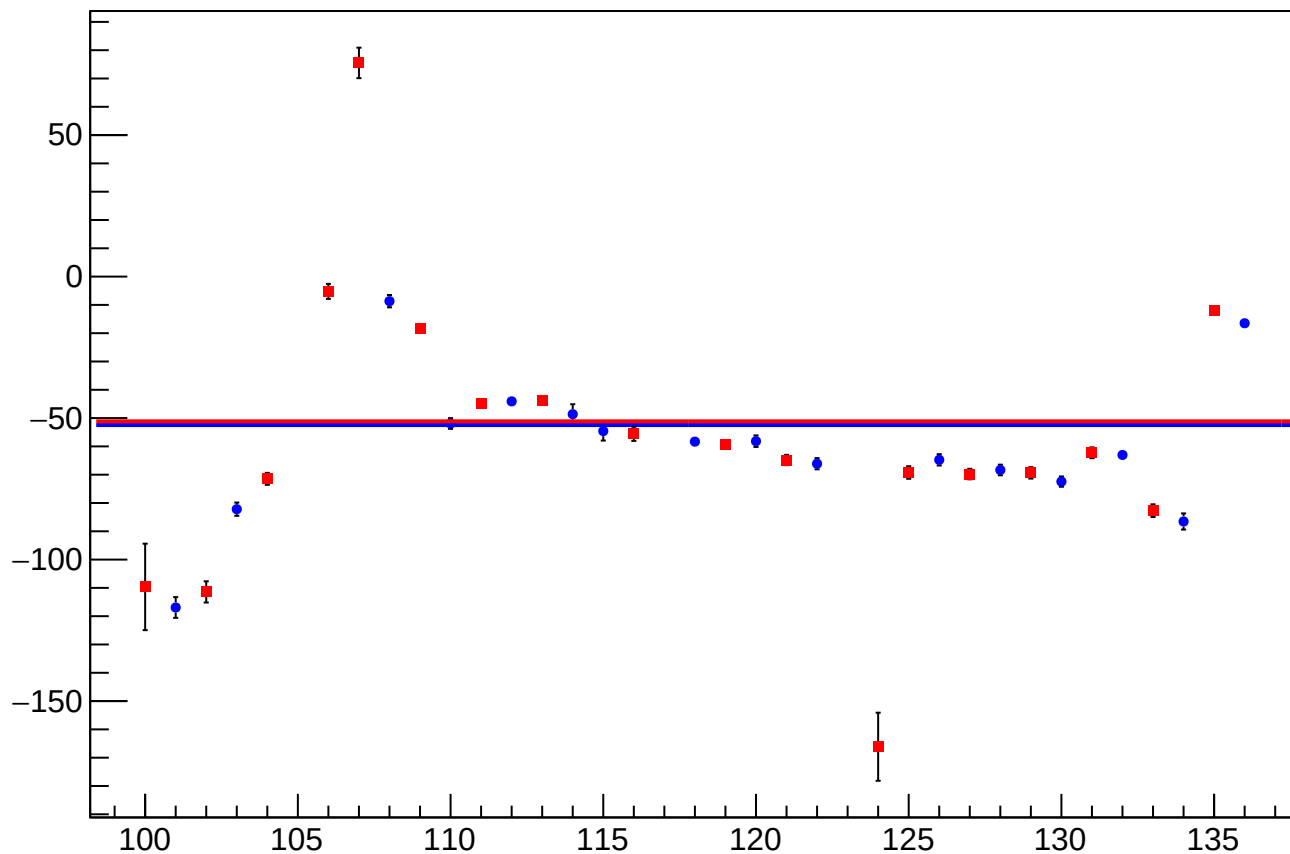
Right: 3.256+/-0.319 χ^2/NDF : 416.1/33

In: 2.912+/-0.442 χ^2/NDF : 250.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.256+/-0.319 χ^2/NDF : 416.1/33

reg_asym_atl_avg_atr_avg_dd_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: -51.149 $\pm$ 0.505 χ^2 /NDF: 2823.6/17

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

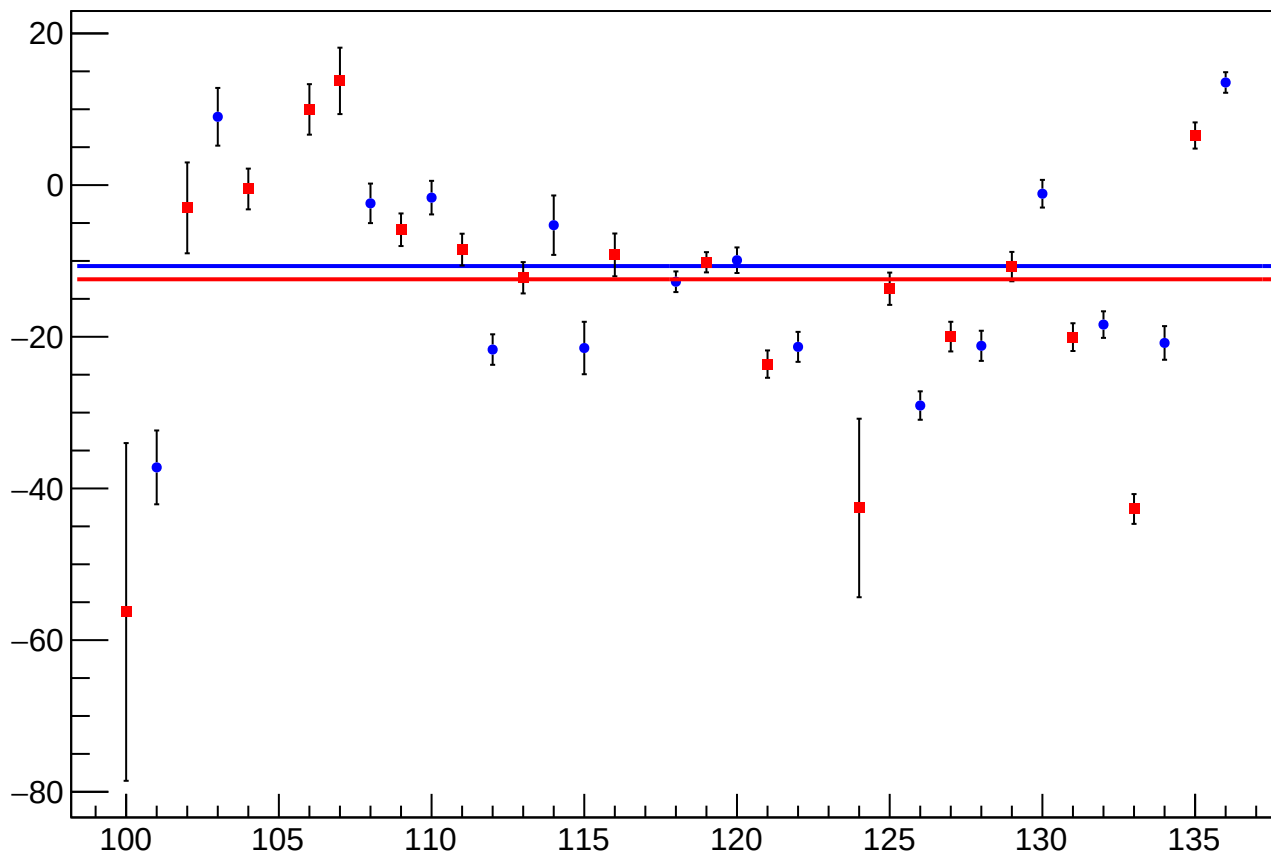
Right: -51.831 $\pm$ 0.351 χ^2 /NDF: 5157.4/33

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: -51.831 $\pm$ 0.351 χ^2 /NDF: 5157.4/33

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: -12.419 ± 0.525 χ^2/NDF : 560.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

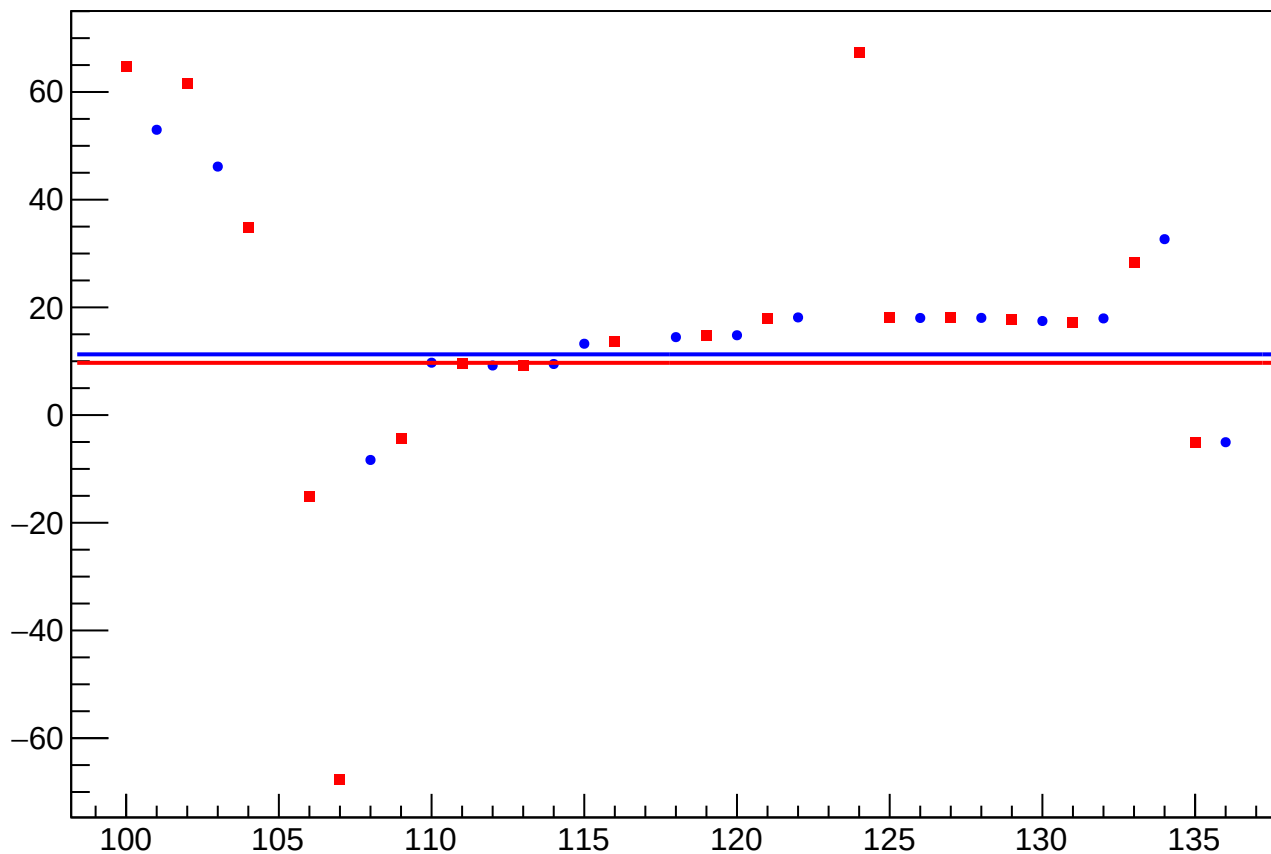
Right: -11.515 ± 0.364 χ^2/NDF : 1232.5/33

In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.515 ± 0.364 χ^2/NDF : 1232.5/33

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: 9.700+/-0.033 χ^2/NDF : 422400.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

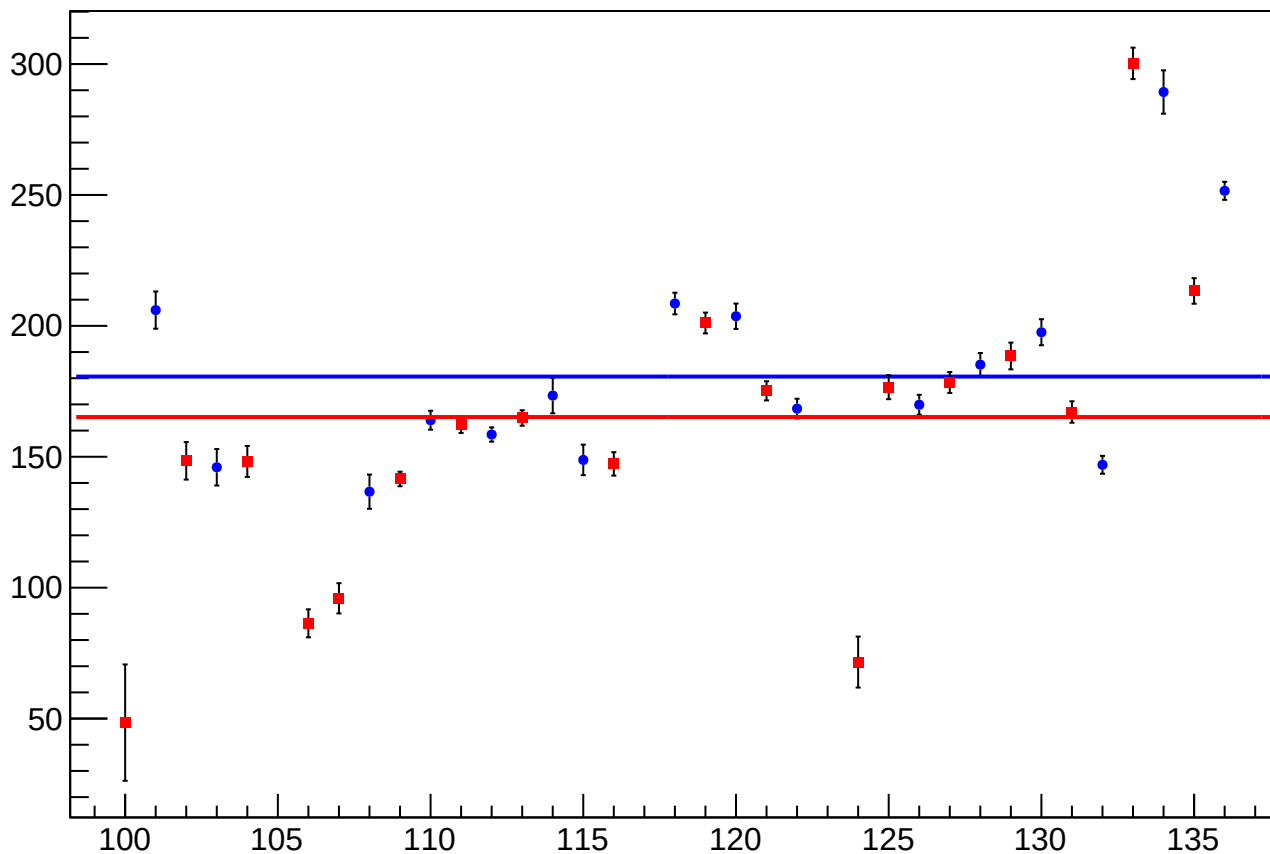
Right: 10.555+/-0.022 χ^2/NDF : 773019.7/33

In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.555+/-0.022 χ^2/NDF : 773019.7/33

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: 165.176+/-1.032 χ^2/NDF : 1315.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

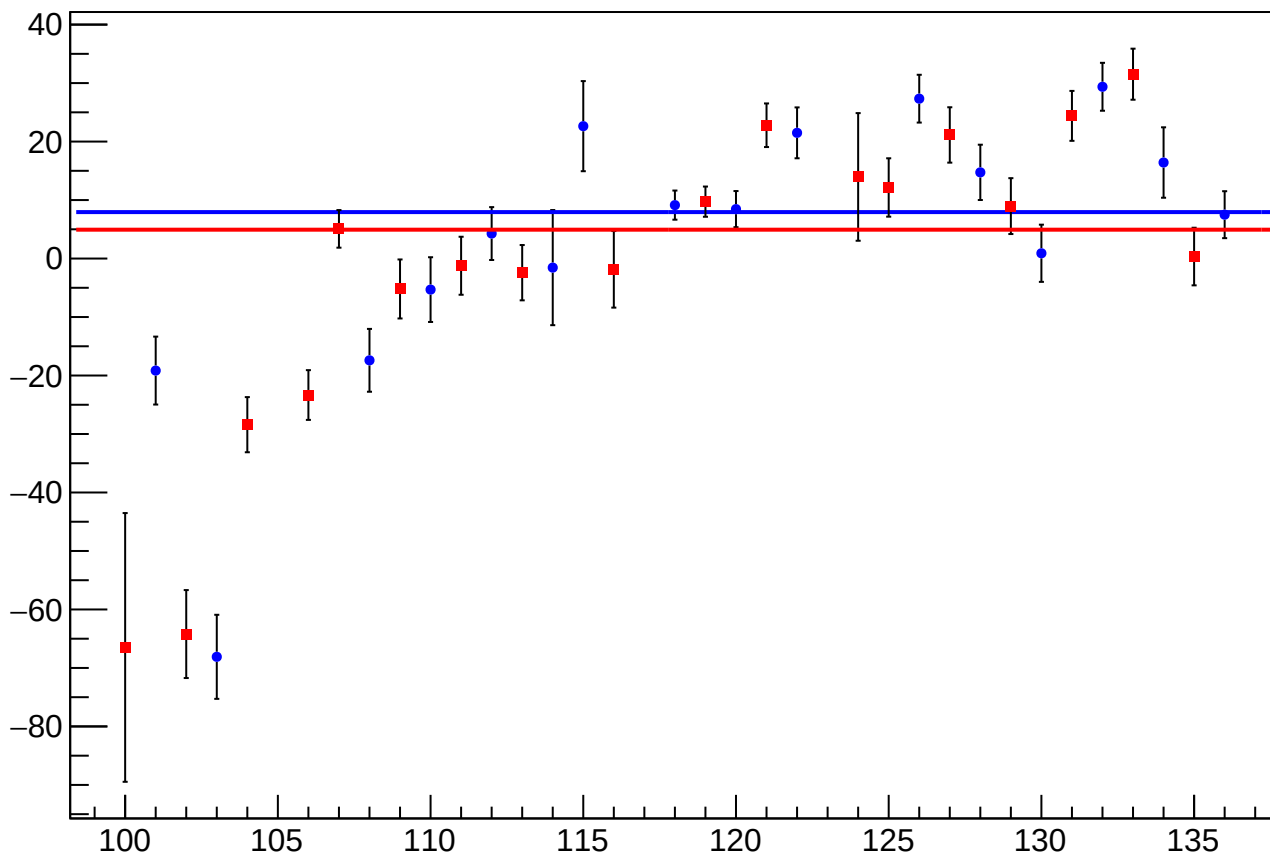
Right: 172.482+/-0.749 χ^2/NDF : 2415.5/33

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.482+/-0.749 χ^2/NDF : 2415.5/33

reg_asym_at1_avg_at2_avg_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: 4.934 $\pm$ 1.071 χ^2 /NDF: 297.8/17

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

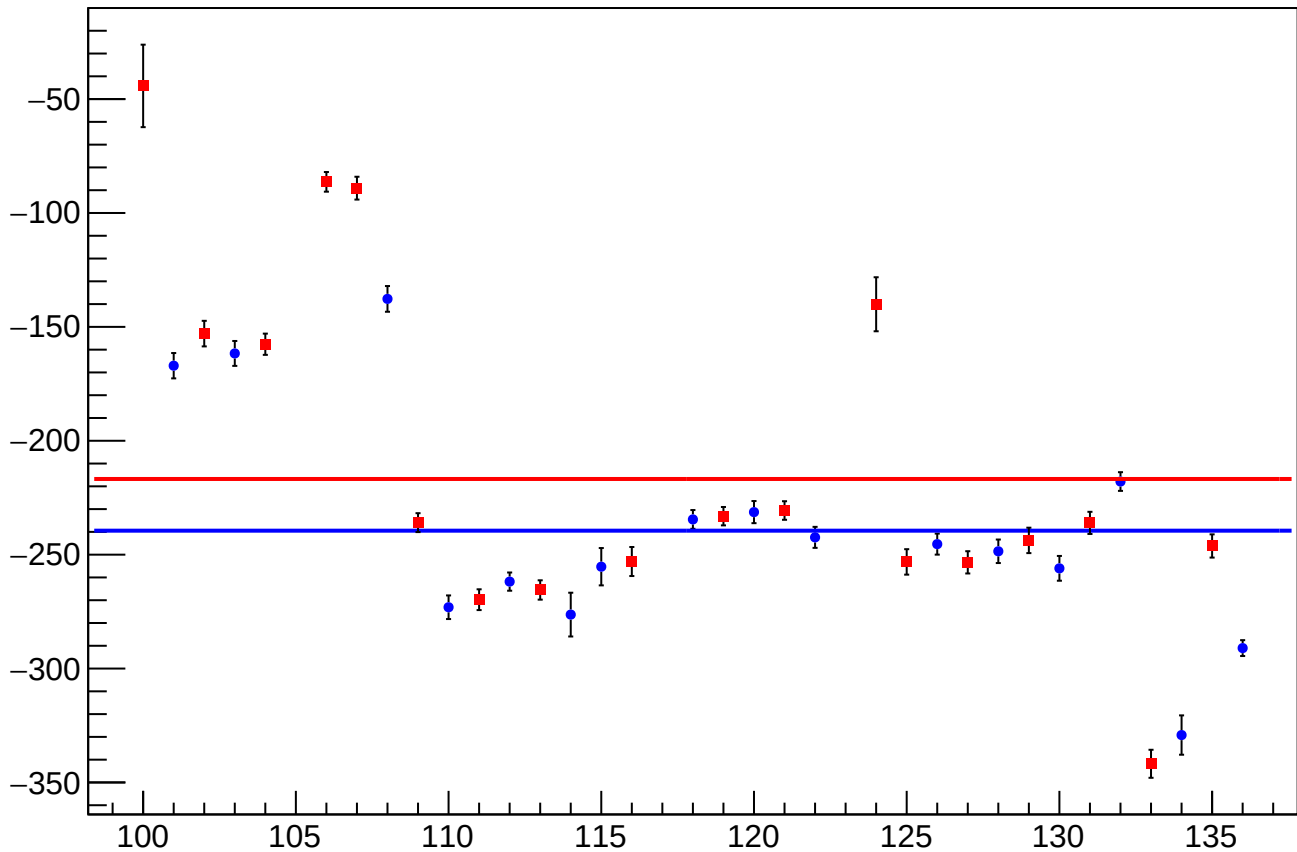
Right: 6.380 $\pm$ 0.772 χ^2 /NDF: 534.5/33

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: 6.380 $\pm$ 0.772 χ^2 /NDF: 534.5/33

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: -216.774 ± 1.193 χ^2/NDF : 2918.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

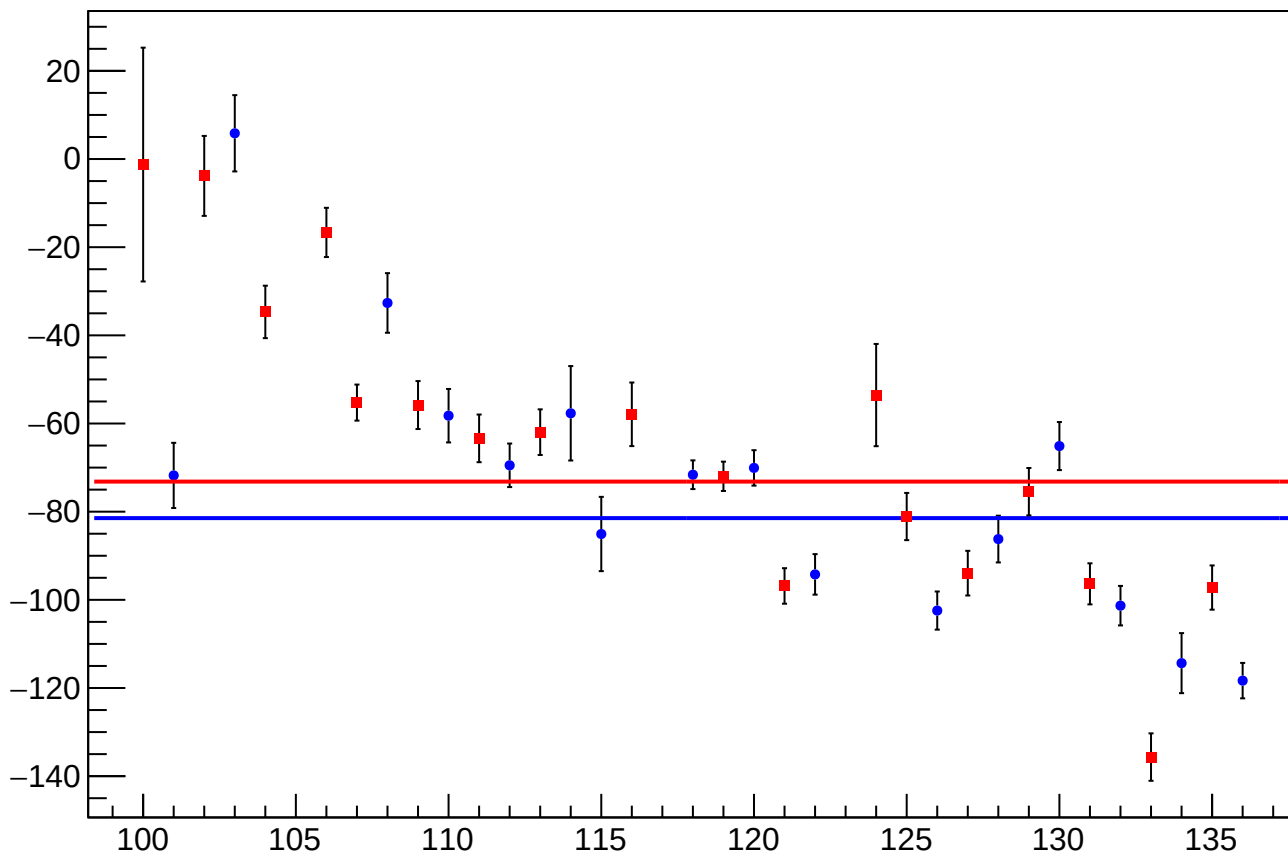
Right: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

In: -239.468 ± 1.245 χ^2/NDF : 1162.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

reg_asym_at1_avg_at2_avg_dd_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: -73.177+/-1.244 χ^2/NDF : 491.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

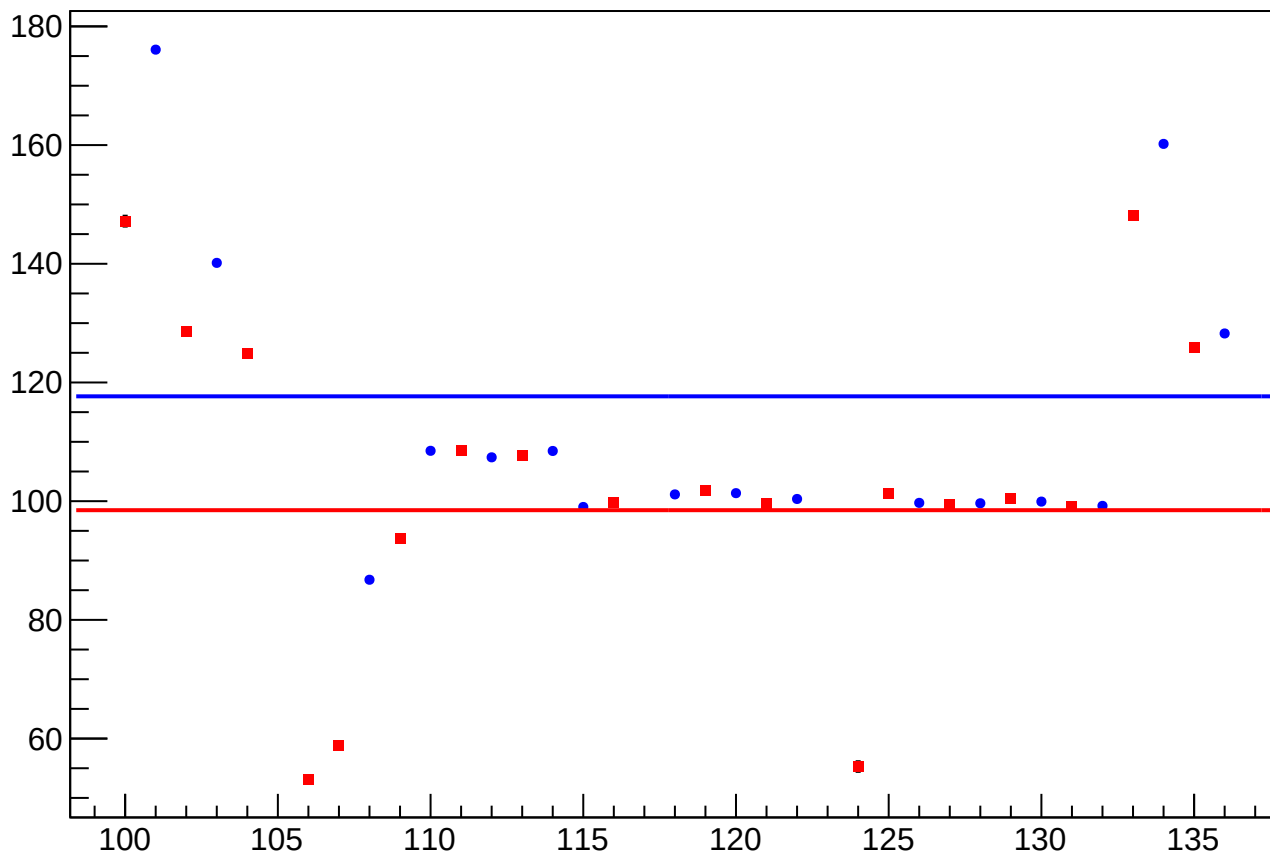
Right: -77.178+/-0.894 χ^2/NDF : 879.3/33

In: -81.462+/-1.287 χ^2/NDF : 366.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.178+/-0.894 χ^2/NDF : 879.3/33

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: 98.481+/-0.072 χ^2/NDF : 160134.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

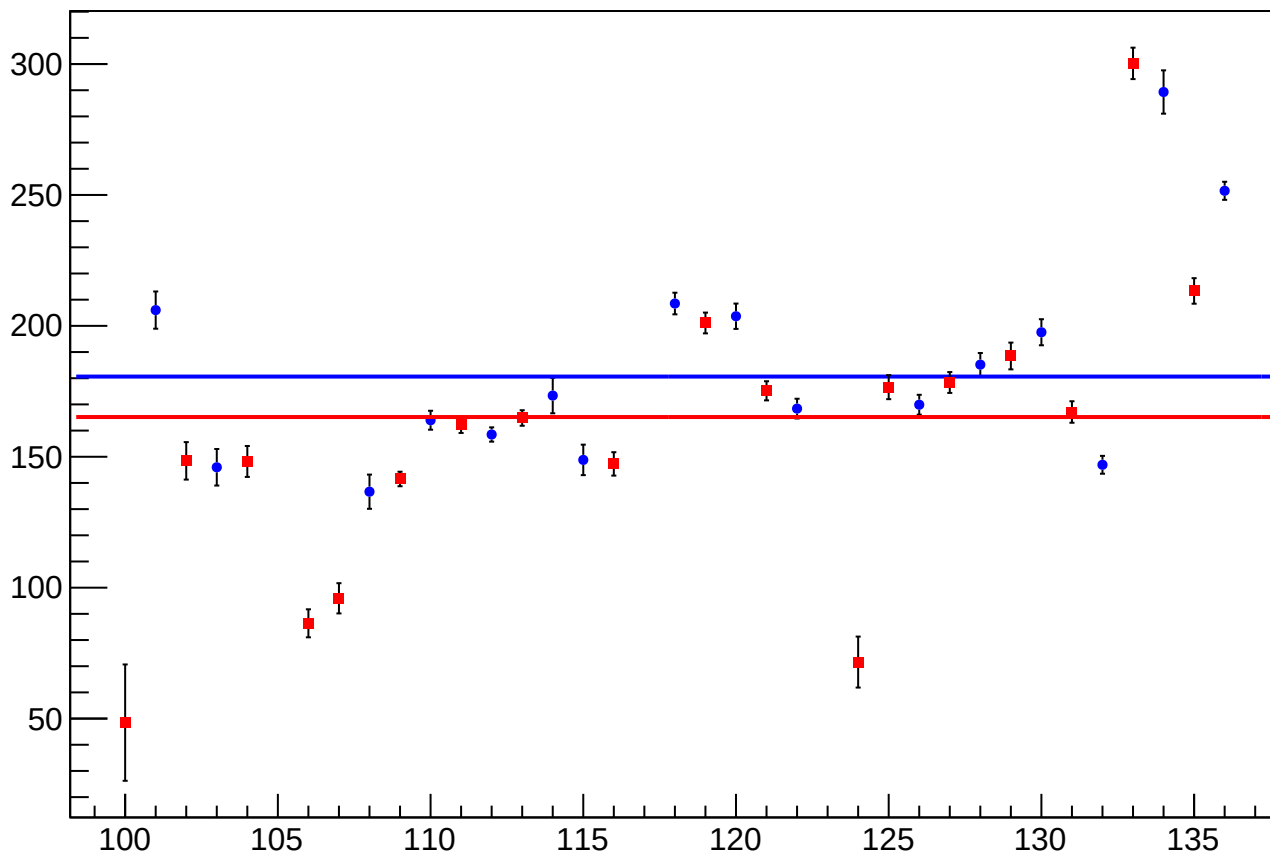
Right: 107.244+/-0.053 χ^2/NDF : 288181.1/33

In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.244+/-0.053 χ^2/NDF : 288181.1/33

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: 165.176+/-1.032 χ^2/NDF : 1315.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

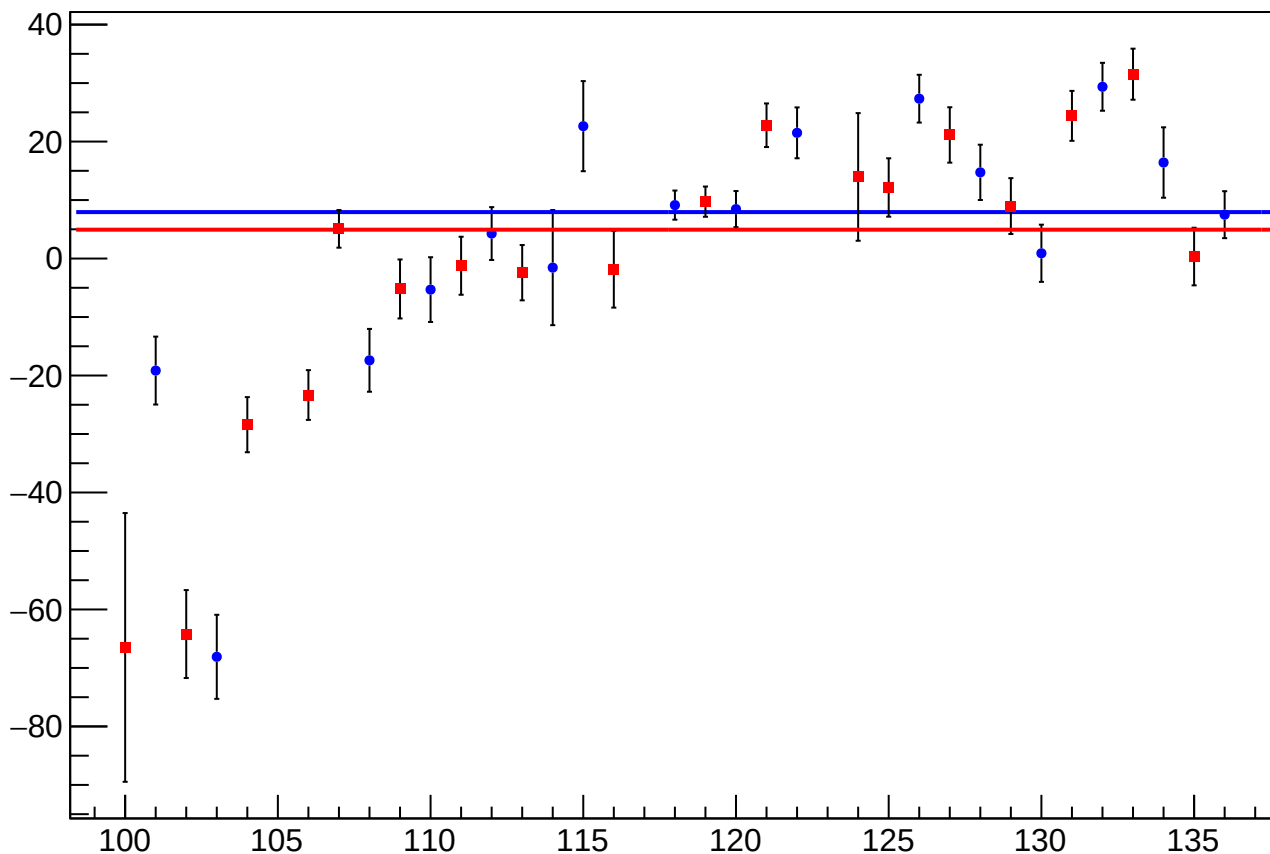
Right: 172.482+/-0.749 χ^2/NDF : 2415.5/33

In: 180.634+/-1.090 χ^2/NDF : 993.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 172.482+/-0.749 χ^2/NDF : 2415.5/33

reg_asym_atl1r2_dd_atl2r1_dd_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: 4.934+/-1.071 χ^2/NDF : 297.8/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

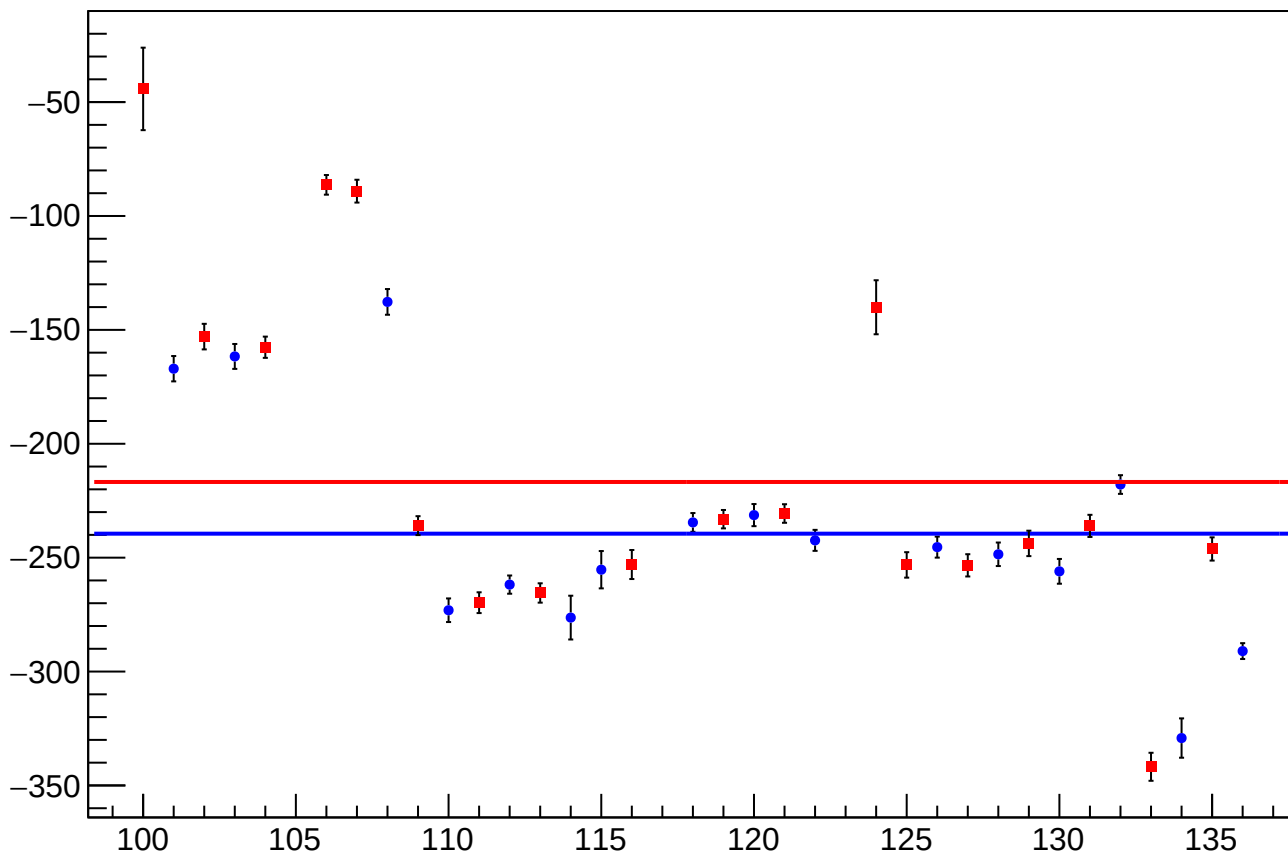
Right: 6.380+/-0.772 χ^2/NDF : 534.5/33

In: 7.942+/-1.113 χ^2/NDF :232.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.380+/-0.772 χ^2/NDF : 534.5/33

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: -216.774 ± 1.193 χ^2/NDF : 2918.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

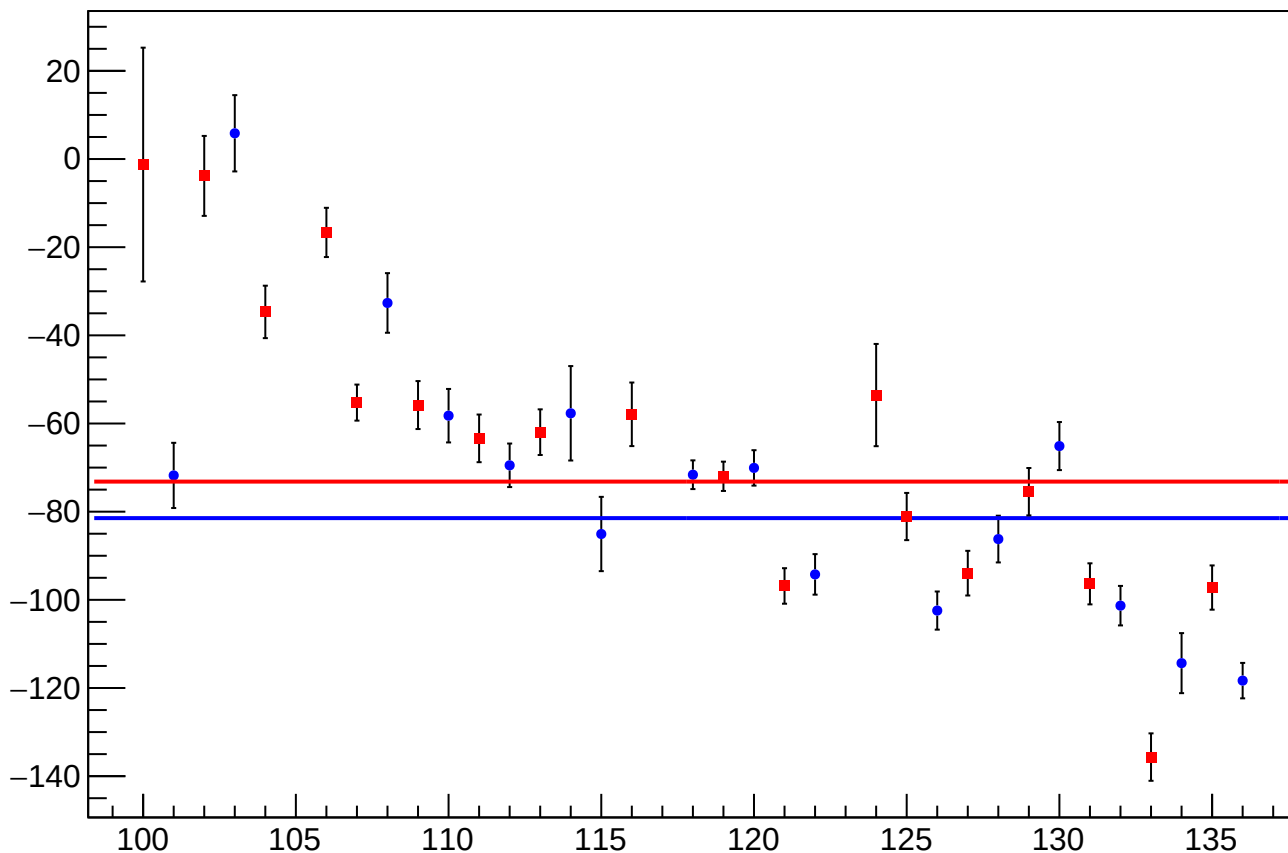
Right: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

In: -239.468 ± 1.245 χ^2/NDF : 1162.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -227.634 ± 0.862 χ^2/NDF : 4253.9/33

reg_asym_atl1r2_dd_atl2r1_dd_dd_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: -73.177+/-1.244 χ^2/NDF : 491.4/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

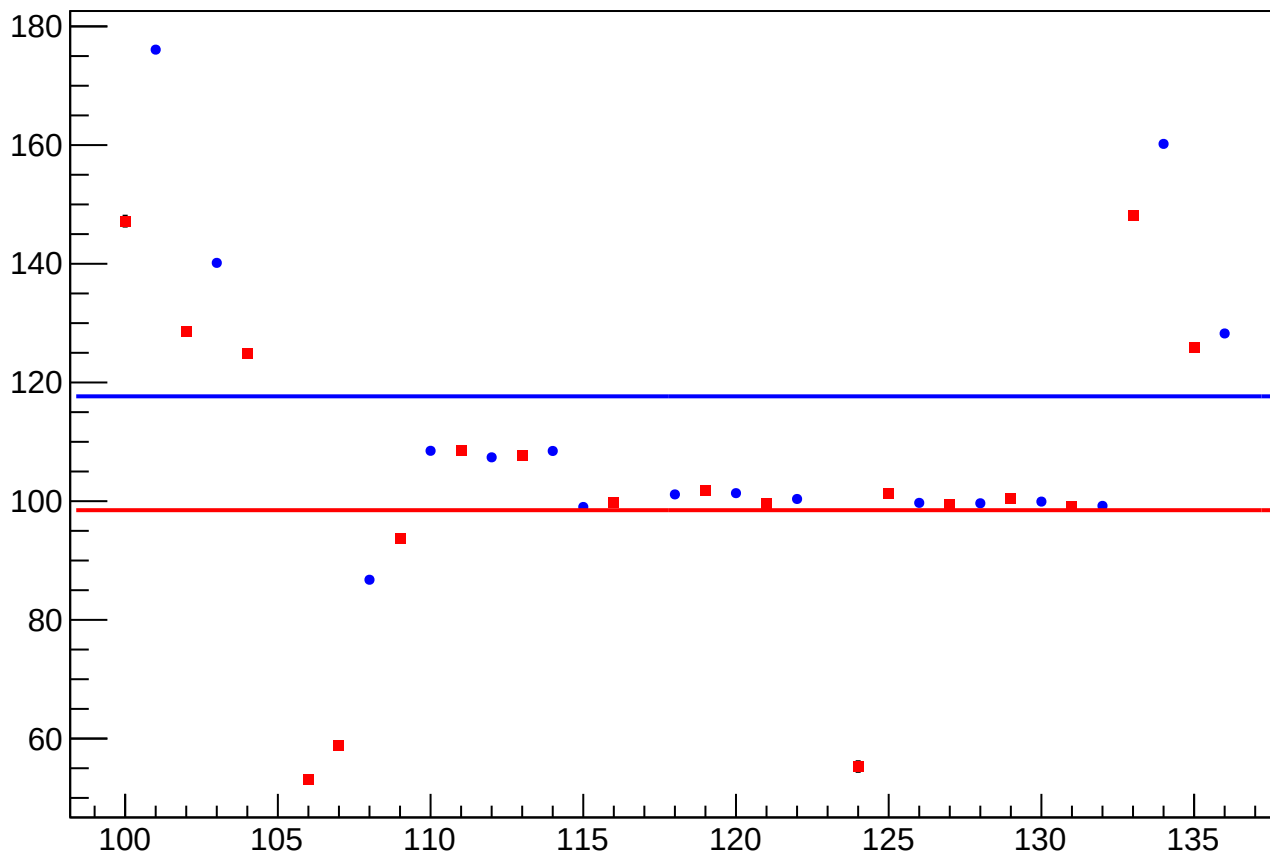
Right: -77.178+/-0.894 χ^2/NDF : 879.3/33

In: -81.462+/-1.287 χ^2/NDF : 366.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.178+/-0.894 χ^2/NDF : 879.3/33

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: 98.481+/-0.072 χ^2/NDF : 160134.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

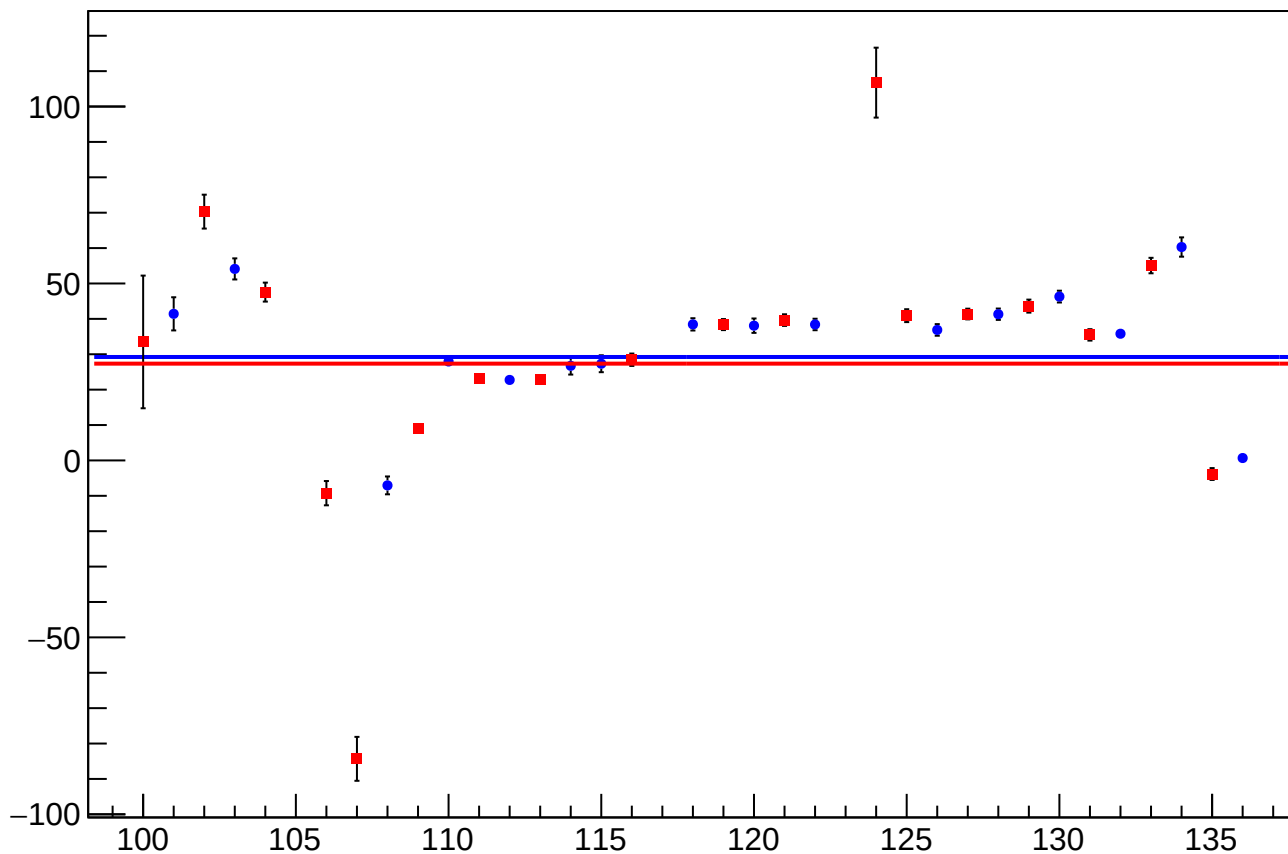
Right: 107.244+/-0.053 χ^2/NDF : 288181.1/33

In: 117.666+/-0.078 χ^2/NDF : 95397.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.244+/-0.053 χ^2/NDF : 288181.1/33

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: 27.348+/-0.420 χ^2/NDF : 1814.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

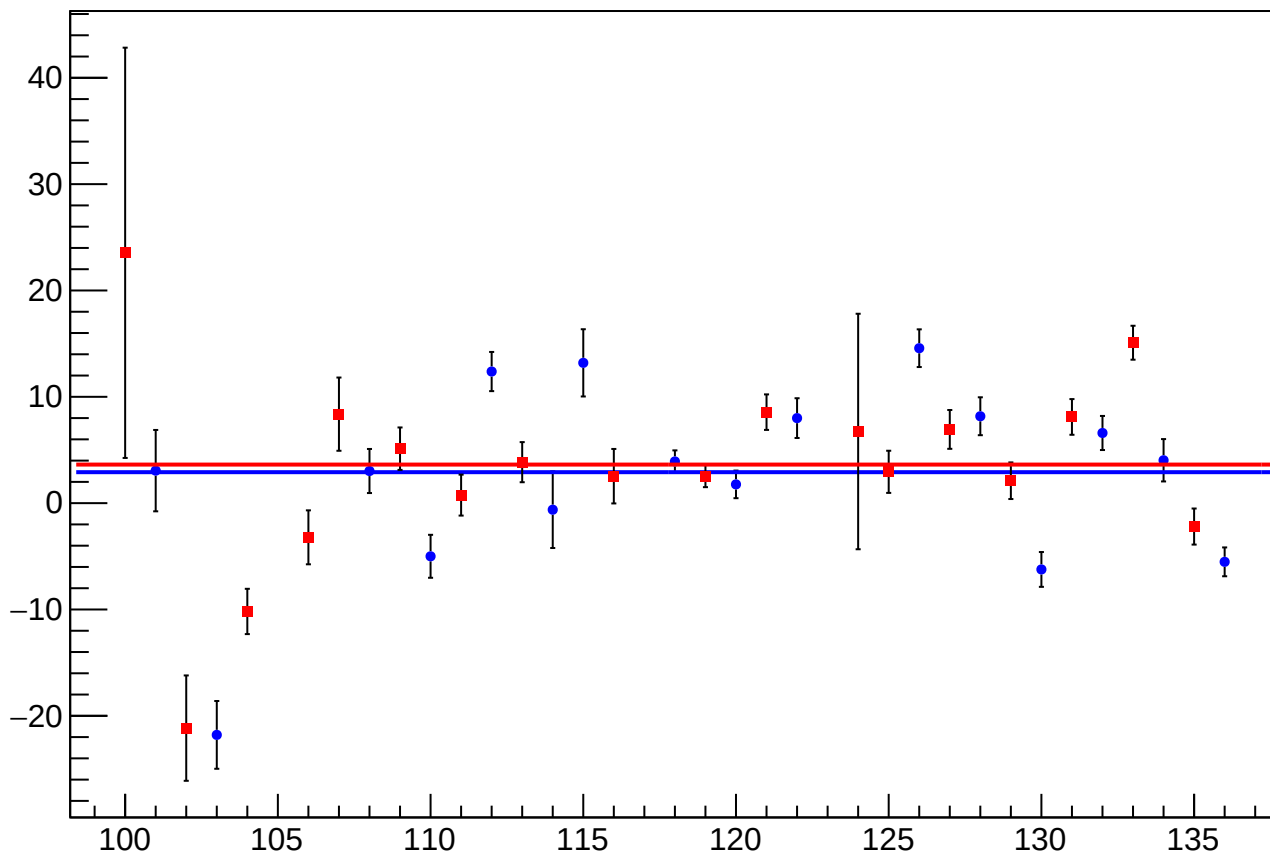
Right: 28.279+/-0.299 χ^2/NDF : 3167.5/33

In: 29.229+/-0.424 χ^2/NDF : 1342.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.279+/-0.299 χ^2/NDF : 3167.5/33

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: 3.627+/-0.459 χ^2/NDF : 164.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

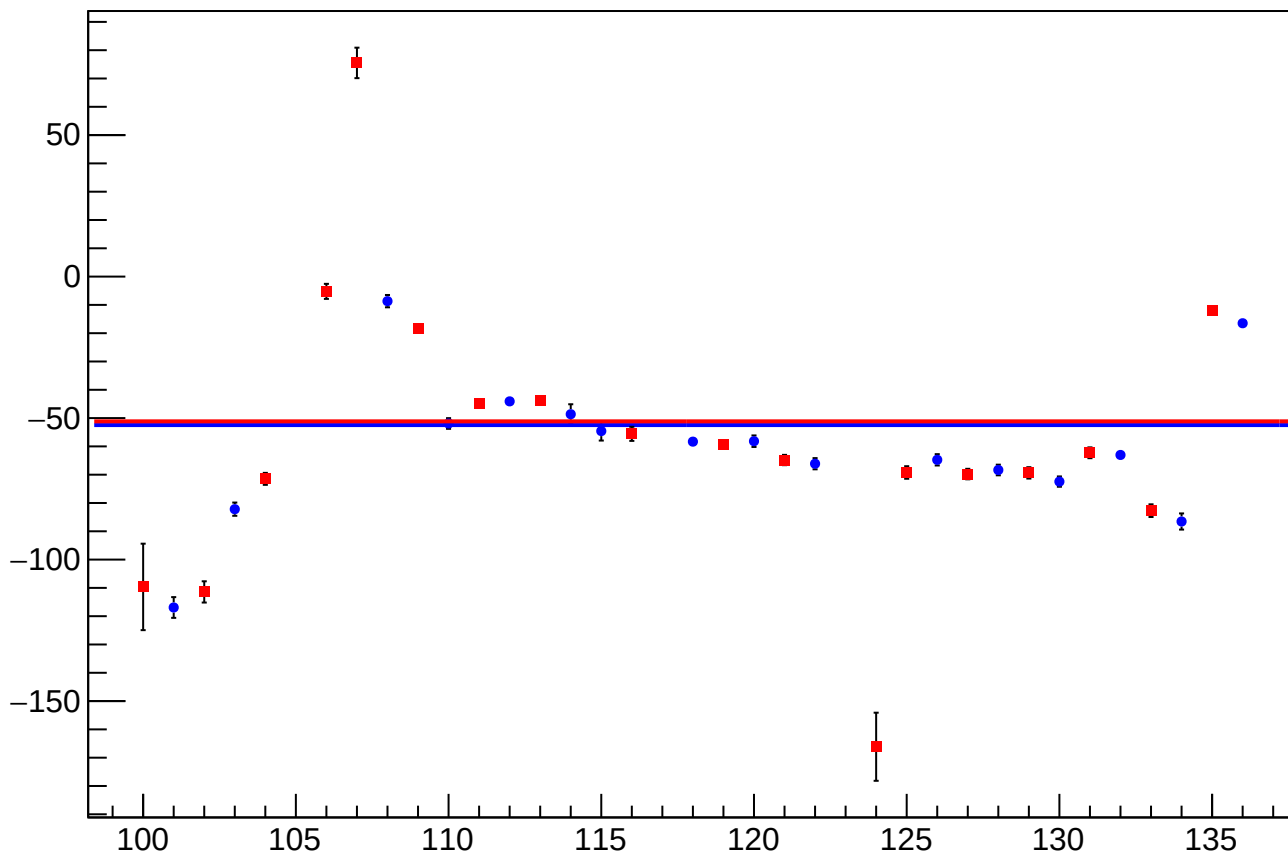
Right: 3.256+/-0.319 χ^2/NDF : 416.1/33

In: 2.912+/-0.442 χ^2/NDF : 250.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.256+/-0.319 χ^2/NDF : 416.1/33

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: -51.149 $\pm$ 0.505 χ^2 /NDF: 2823.6/17

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

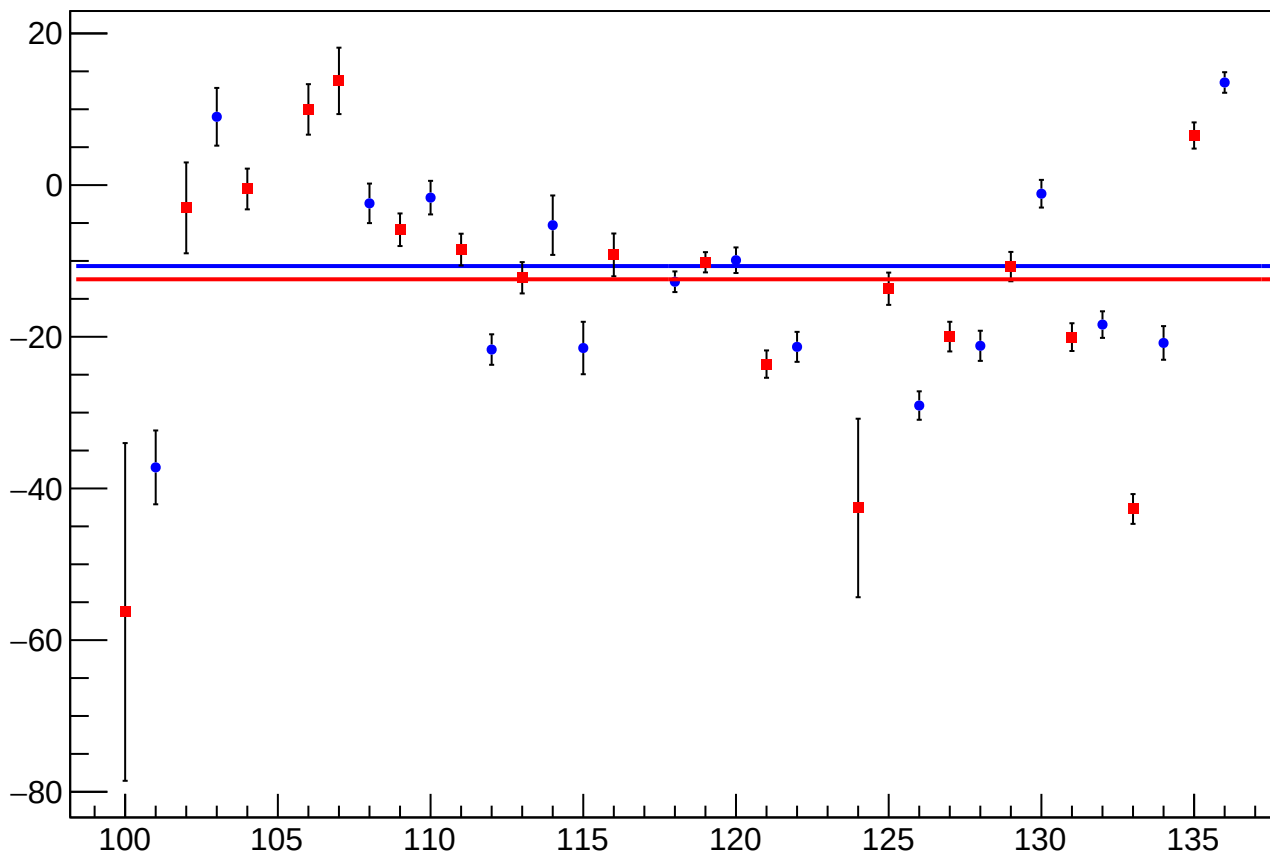
Right: -51.831 $\pm$ 0.351 χ^2 /NDF: 5157.4/33

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: -51.831 $\pm$ 0.351 χ^2 /NDF: 5157.4/33

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: -12.419 ± 0.525 χ^2/NDF : 560.4/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

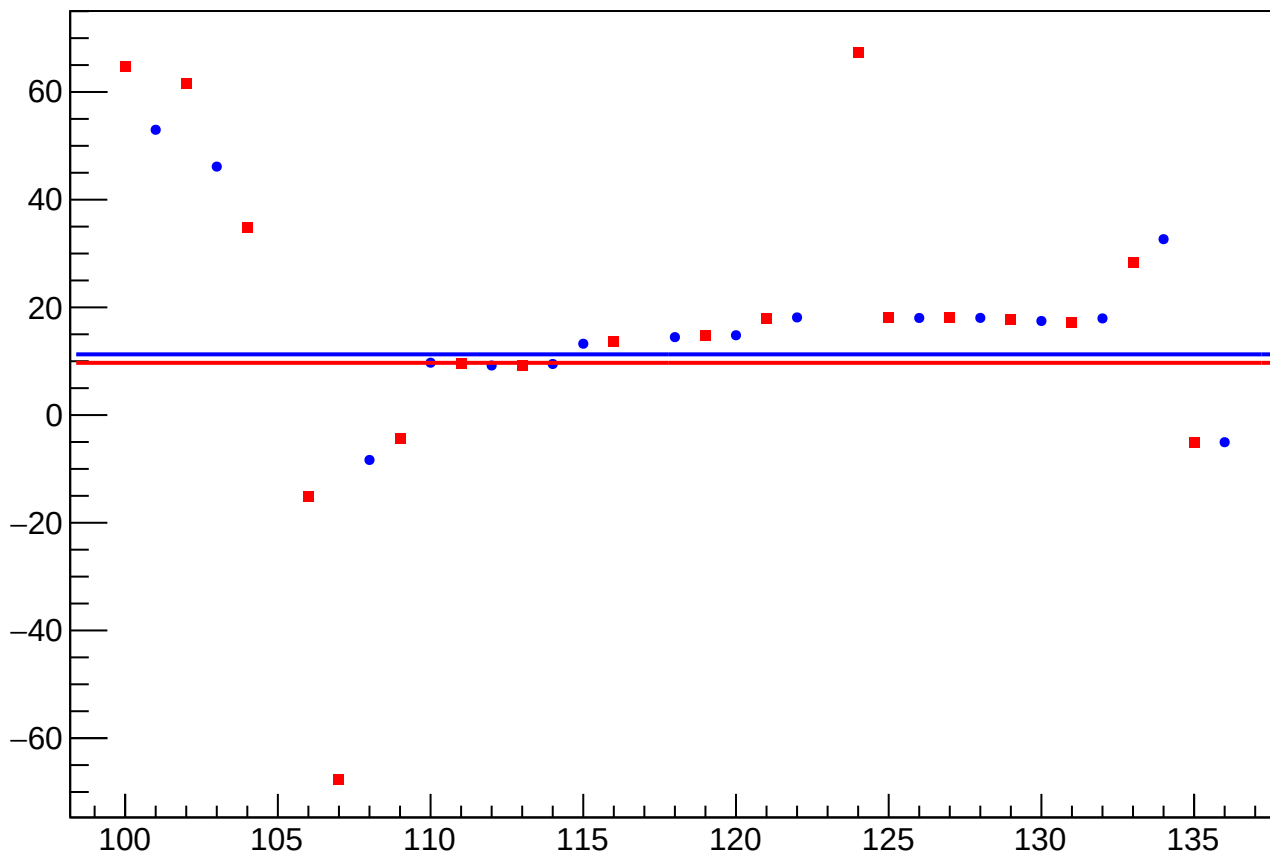
Right: -11.515 ± 0.364 χ^2/NDF : 1232.5/33

In: -10.675 ± 0.505 χ^2/NDF : 666.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.515 ± 0.364 χ^2/NDF : 1232.5/33

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: 9.700+/-0.033 χ^2/NDF : 422400.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

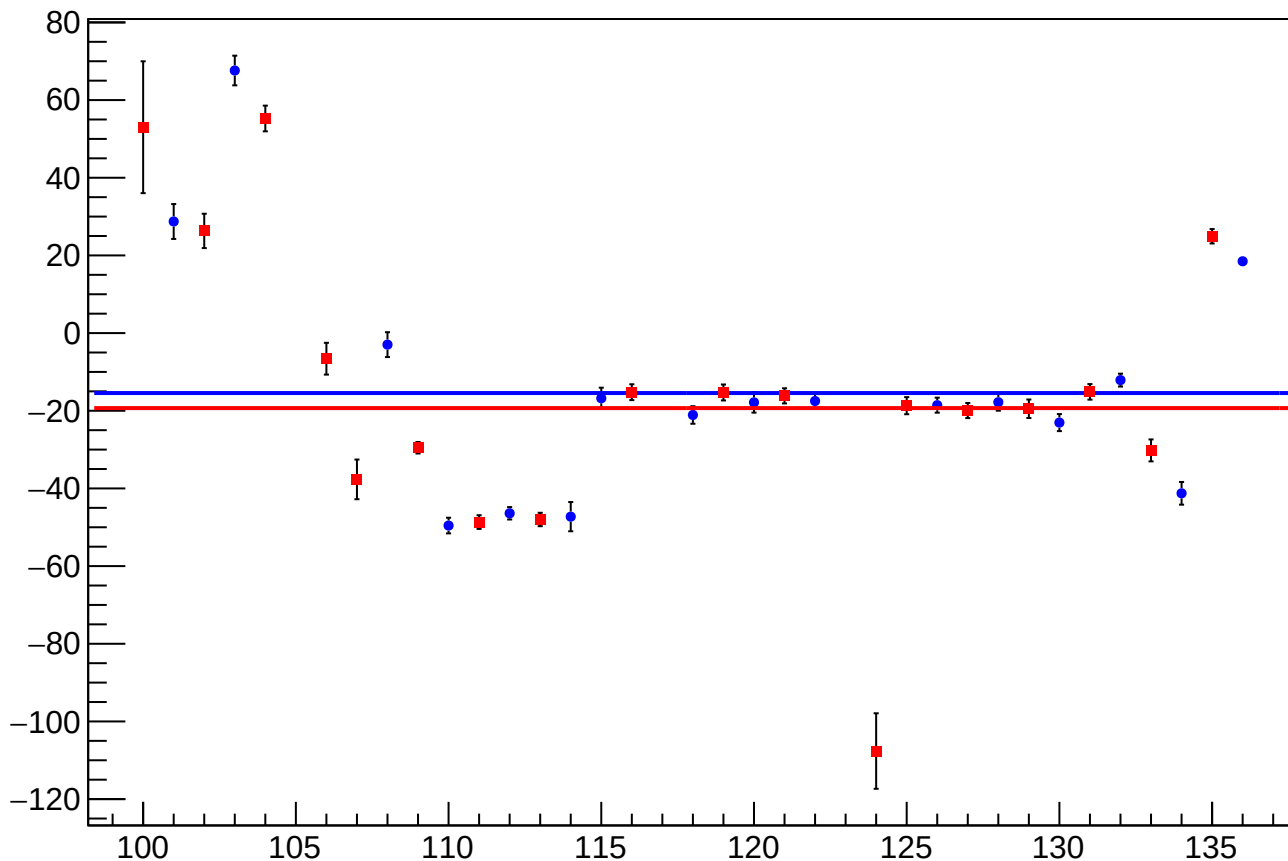
Right: 10.555+/-0.022 χ^2/NDF : 773019.7/33

In: 11.277+/-0.030 χ^2/NDF : 349346.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.555+/-0.022 χ^2/NDF : 773019.7/33

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -15.438+/-0.539 χ^2/NDF : 2124.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -19.316+/-0.540 χ^2/NDF : 1938.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

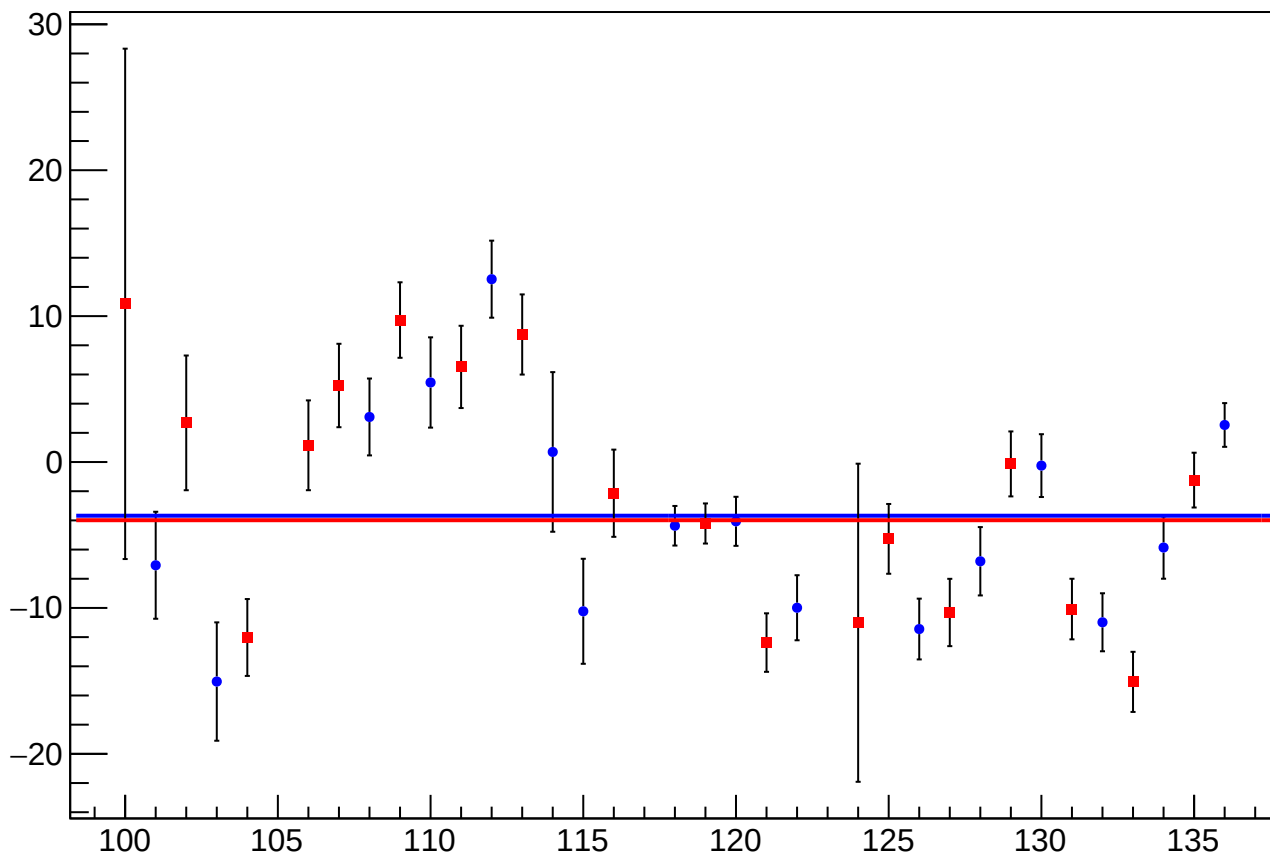
Right: -17.372+/-0.382 χ^2/NDF : 4088.3/33

In: -15.438+/-0.539 χ^2/NDF : 2124.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -17.372+/-0.382 χ^2/NDF : 4088.3/33

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: -3.987+/-0.573 χ^2/NDF : 157.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

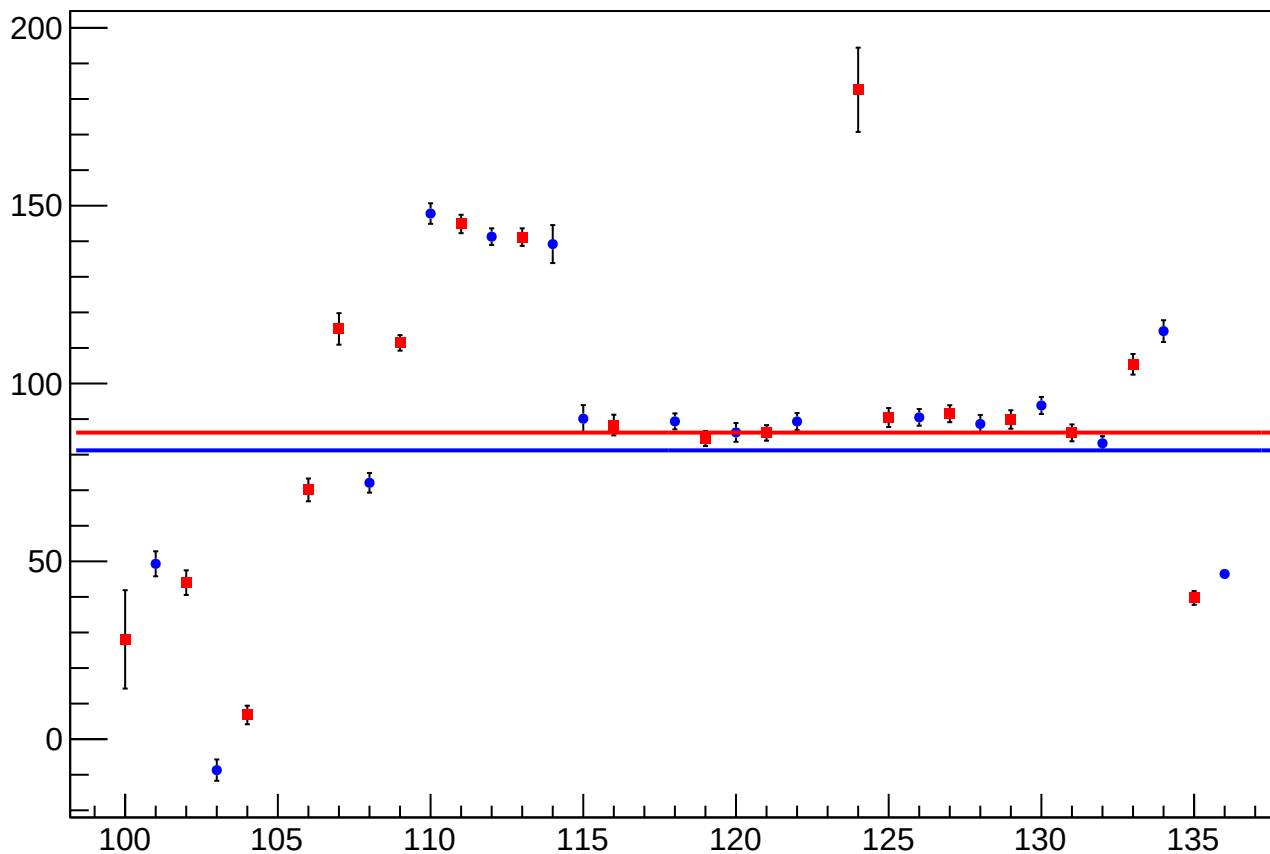
Right: -3.828+/-0.398 χ^2/NDF : 281.7/33

In: -3.679+/-0.552 χ^2/NDF : 124.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.828+/-0.398 χ^2/NDF : 281.7/33

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: 86.203+/-0.634 χ^2/NDF : 2997.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

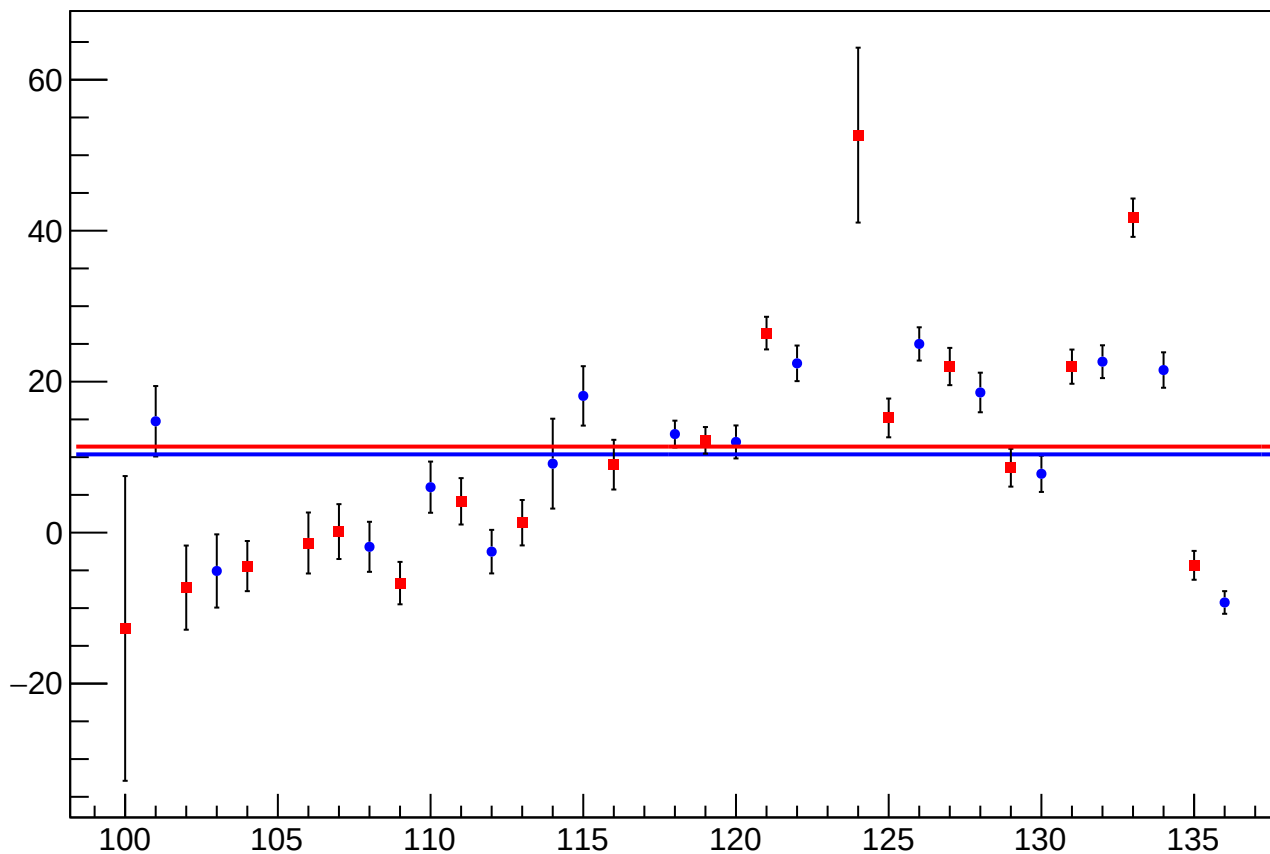
Right: 83.595+/-0.438 χ^2/NDF : 6260.2/33

In: 81.203+/-0.607 χ^2/NDF : 3230.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 83.595+/-0.438 χ^2/NDF : 6260.2/33

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: 11.397+/-0.654 χ^2/NDF : 429.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

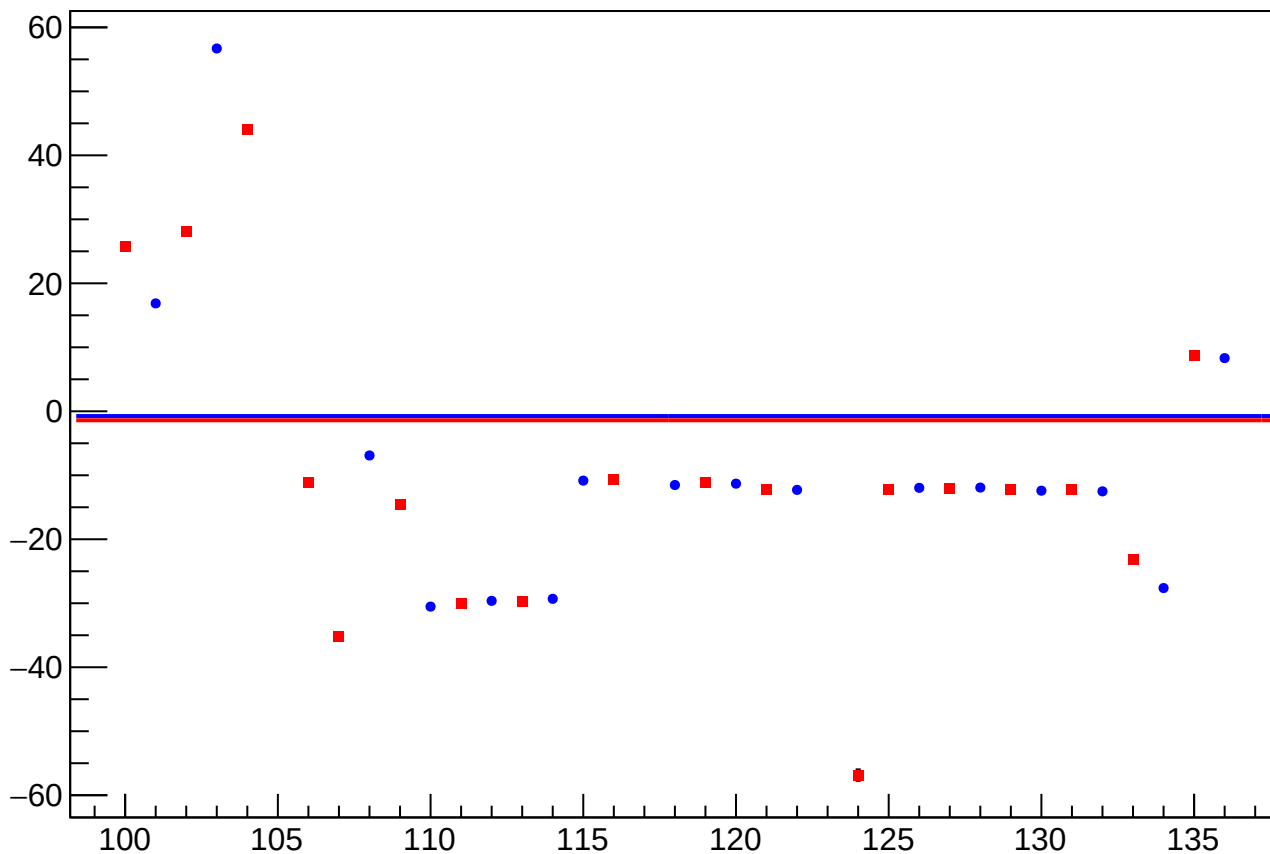
Right: 10.860+/-0.452 χ^2/NDF : 790.1/33

In: 10.367+/-0.627 χ^2/NDF : 359.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.860+/-0.452 χ^2/NDF : 790.1/33

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: -1.404+/-0.039 χ^2/NDF : 311416.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

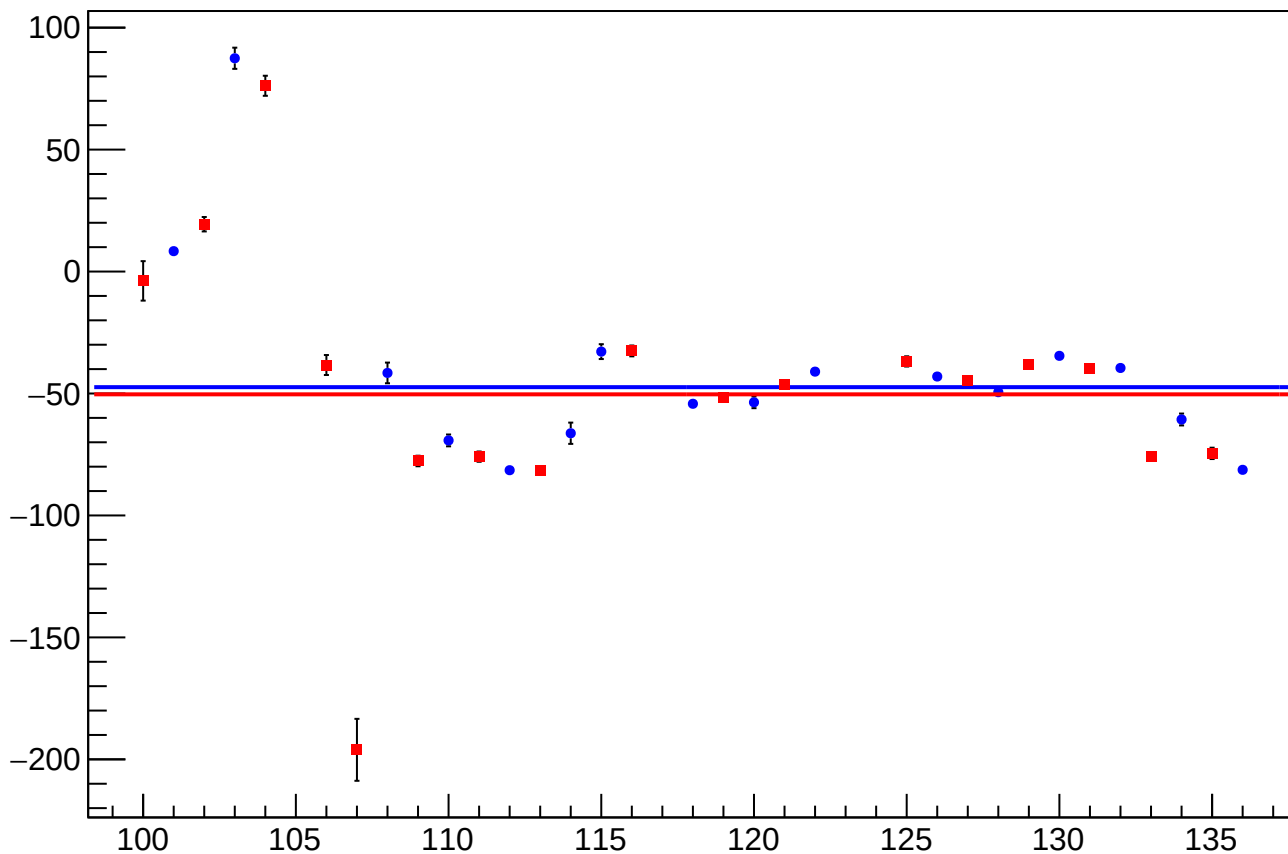
Right: -1.048+/-0.026 χ^2/NDF : 679565.2/33

In: -0.745+/-0.036 χ^2/NDF :367993.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -1.048+/-0.026 χ^2/NDF : 679565.2/33

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -47.398 $\pm$ 0.535 χ^2 /NDF: 2769.0/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -50.343 $\pm$ 0.552 χ^2 /NDF: 2714.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

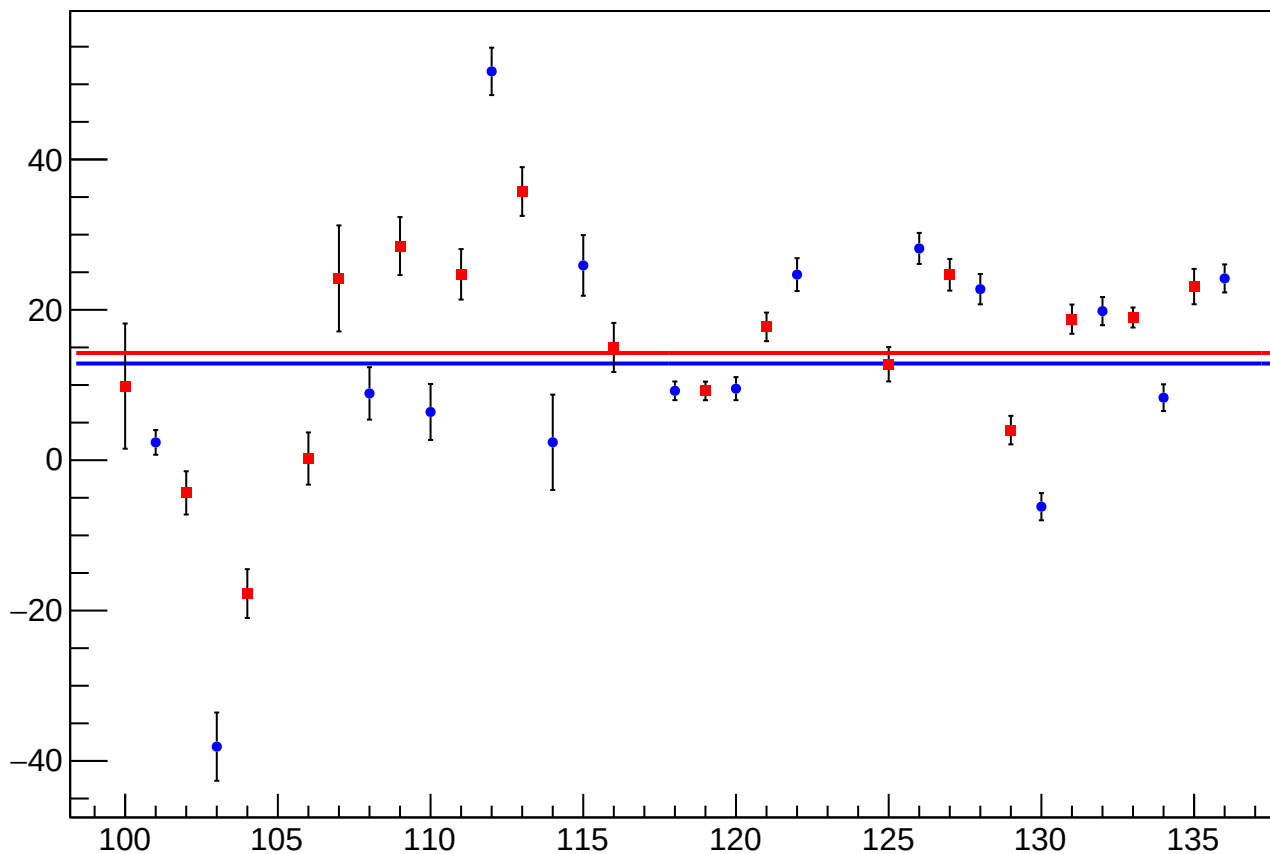
Right: -48.825 $\pm$ 0.384 χ^2 /NDF: 5498.6/32

In: -47.398 $\pm$ 0.535 χ^2 /NDF:2769.0/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -48.825 $\pm$ 0.384 χ^2 /NDF: 5498.6/32

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: 14.262+/-0.549 χ^2/NDF : 330.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

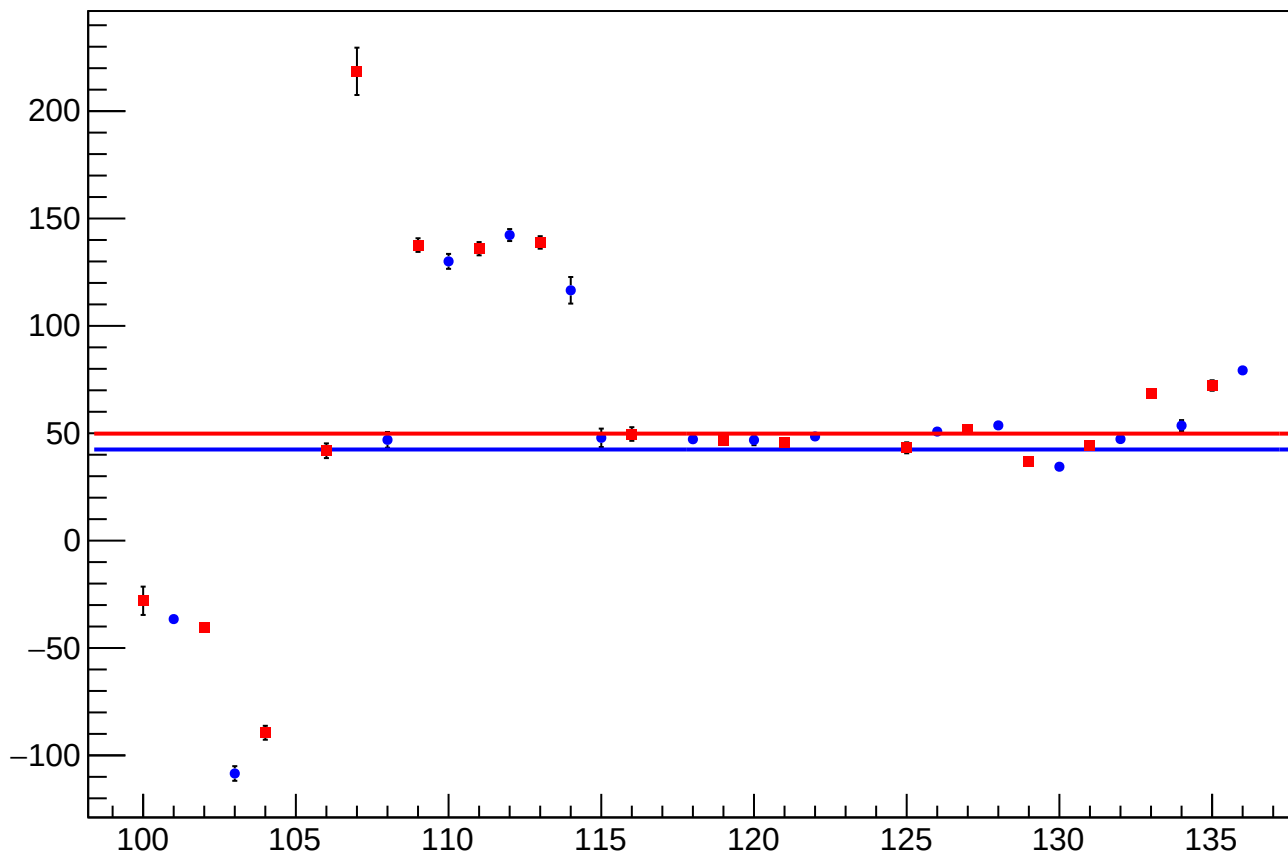
Right: 13.521+/-0.377 χ^2/NDF : 959.7/32

In: 12.860+/-0.519 χ^2/NDF : 625.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.521+/-0.377 χ^2/NDF : 959.7/32

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 42.437+/-0.584 χ^2/NDF : 7168.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.831+/-0.625 χ^2/NDF : 6457.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

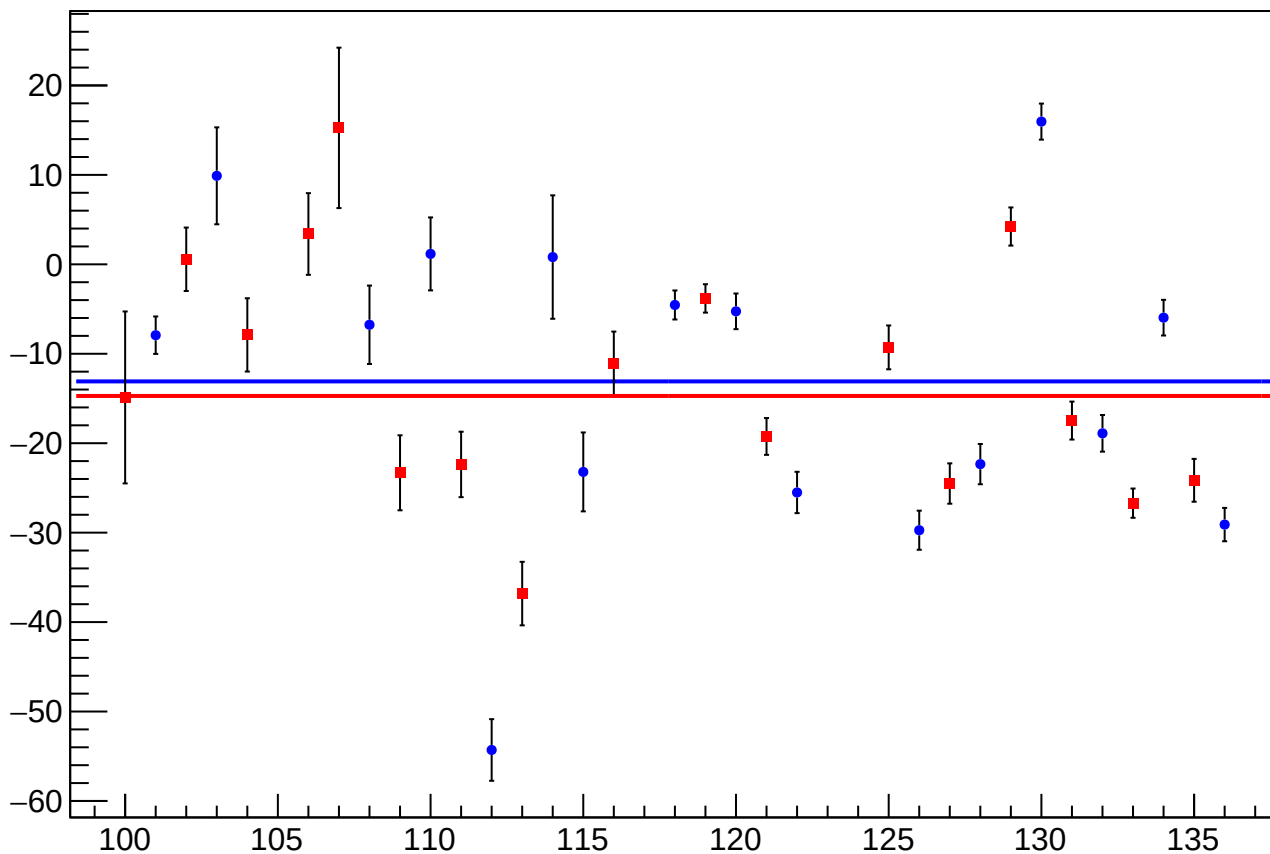
Right: 45.886+/-0.427 χ^2/NDF : 13701.4/32

In: 42.437+/-0.584 χ^2/NDF : 7168.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.886+/-0.427 χ^2/NDF : 13701.4/32

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: -14.717+/-0.634 χ^2/NDF : 322.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

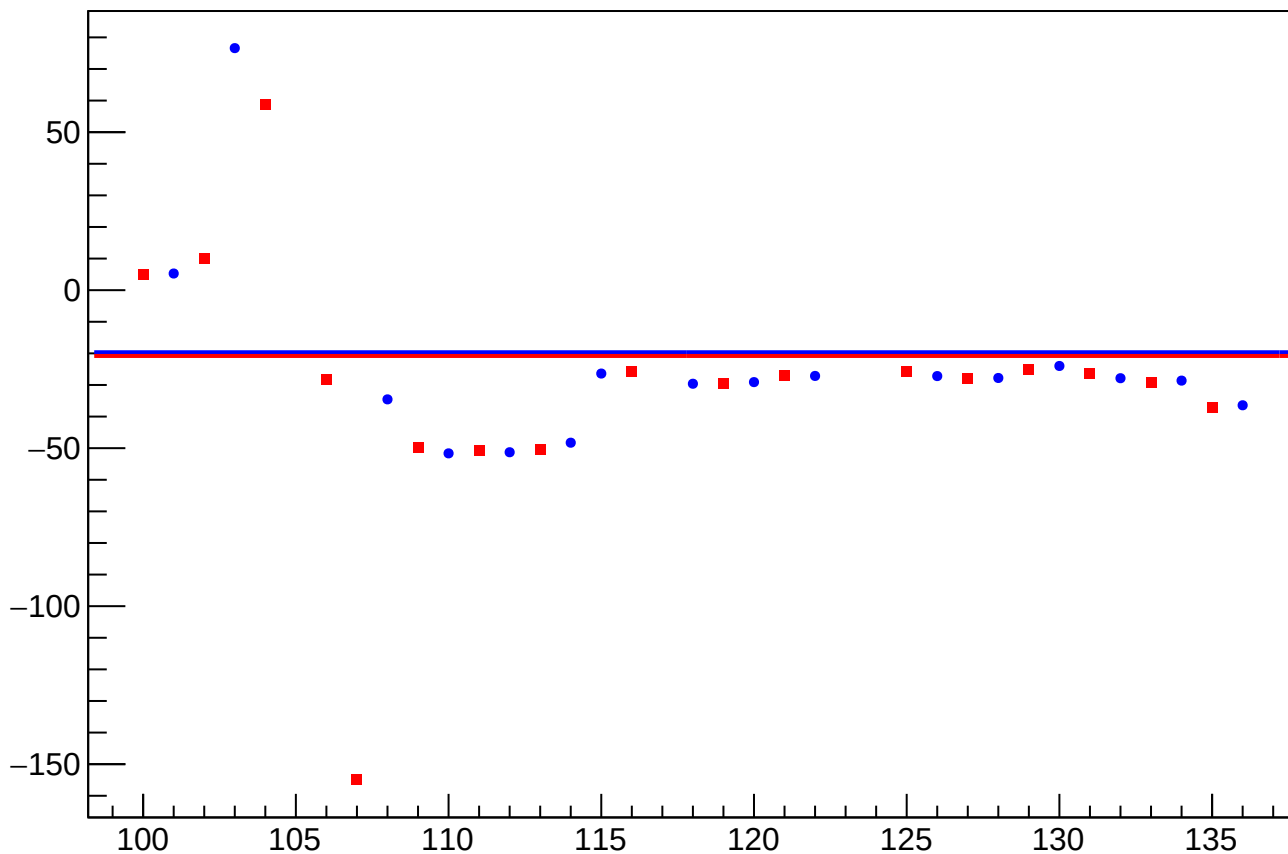
Right: -13.858+/-0.436 χ^2/NDF : 965.5/32

In: -13.090+/-0.600 χ^2/NDF : 639.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.858+/-0.436 χ^2/NDF : 965.5/32

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -19.644+/-0.036 χ^2/NDF : 646925.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.819+/-0.040 χ^2/NDF : 536714.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

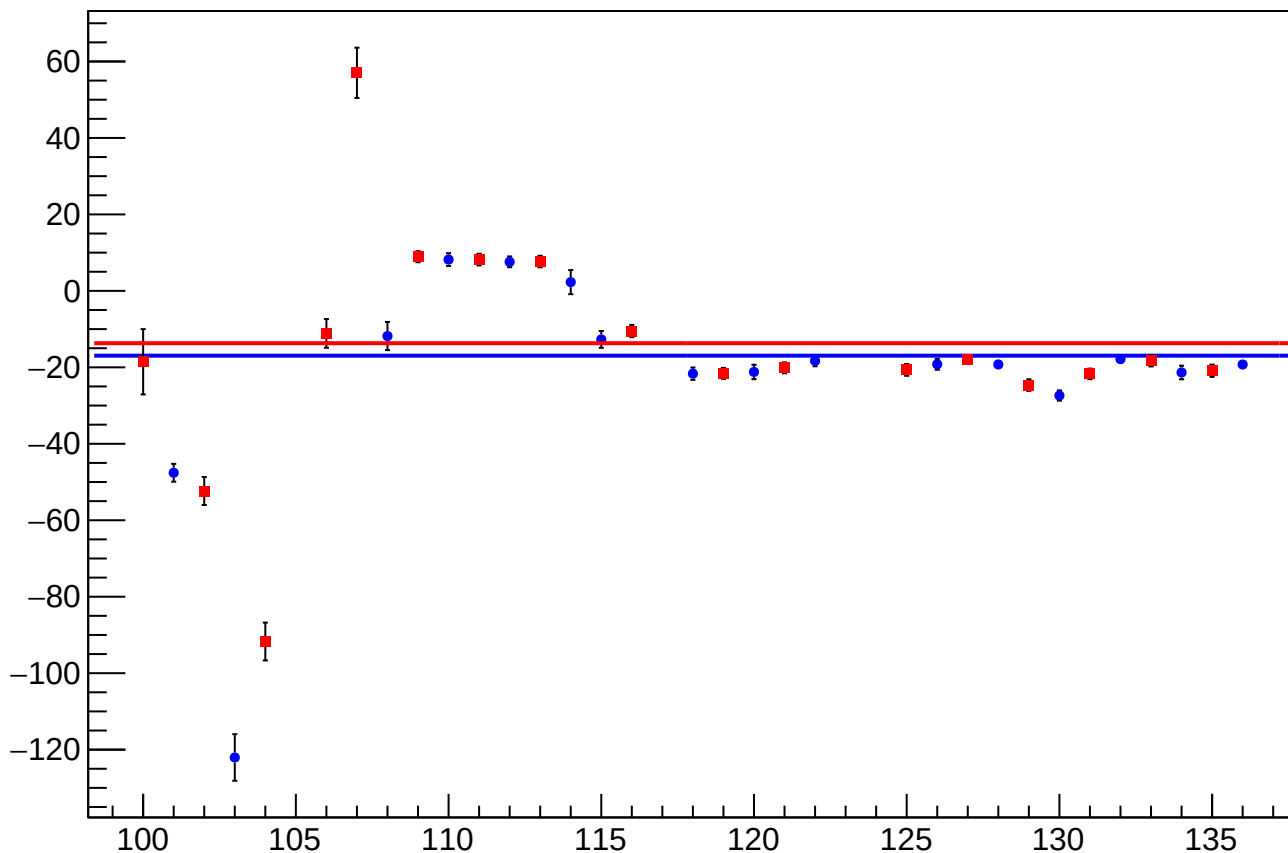
Right: -20.173+/-0.027 χ^2/NDF : 1184115.8/32

In: -19.644+/-0.036 χ^2/NDF : 646925.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.173+/-0.027 χ^2/NDF : 1184115.8/32

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -16.949 ± 0.404 χ^2/NDF : 1128.2/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.690 ± 0.416 χ^2/NDF : 1329.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

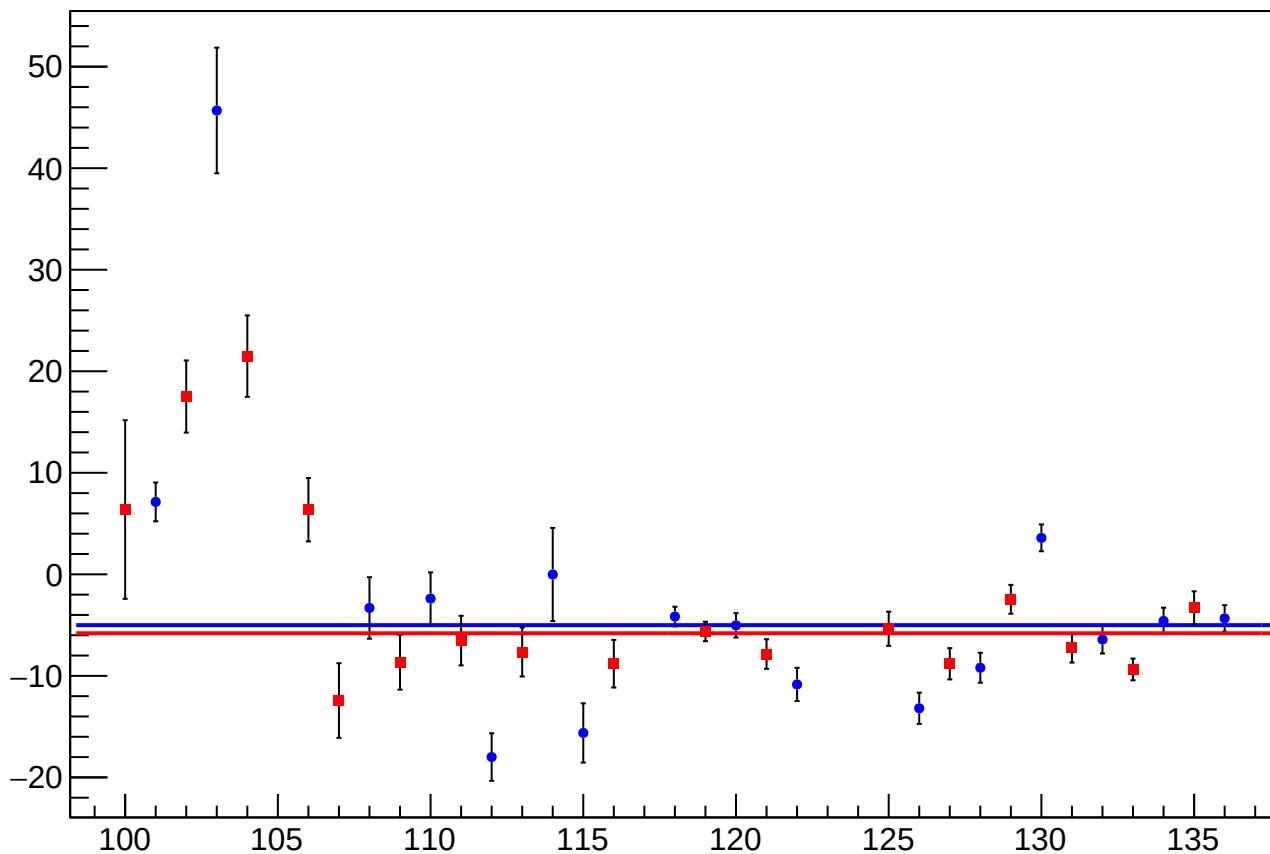
Right: -15.367 ± 0.290 χ^2/NDF : 2489.0/32

In: -16.949 ± 0.404 χ^2/NDF : 1128.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.367 ± 0.290 χ^2/NDF : 2489.0/32

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -5.006+/-0.401 χ^2/NDF : 247.8/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.806+/-0.424 χ^2/NDF : 139.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

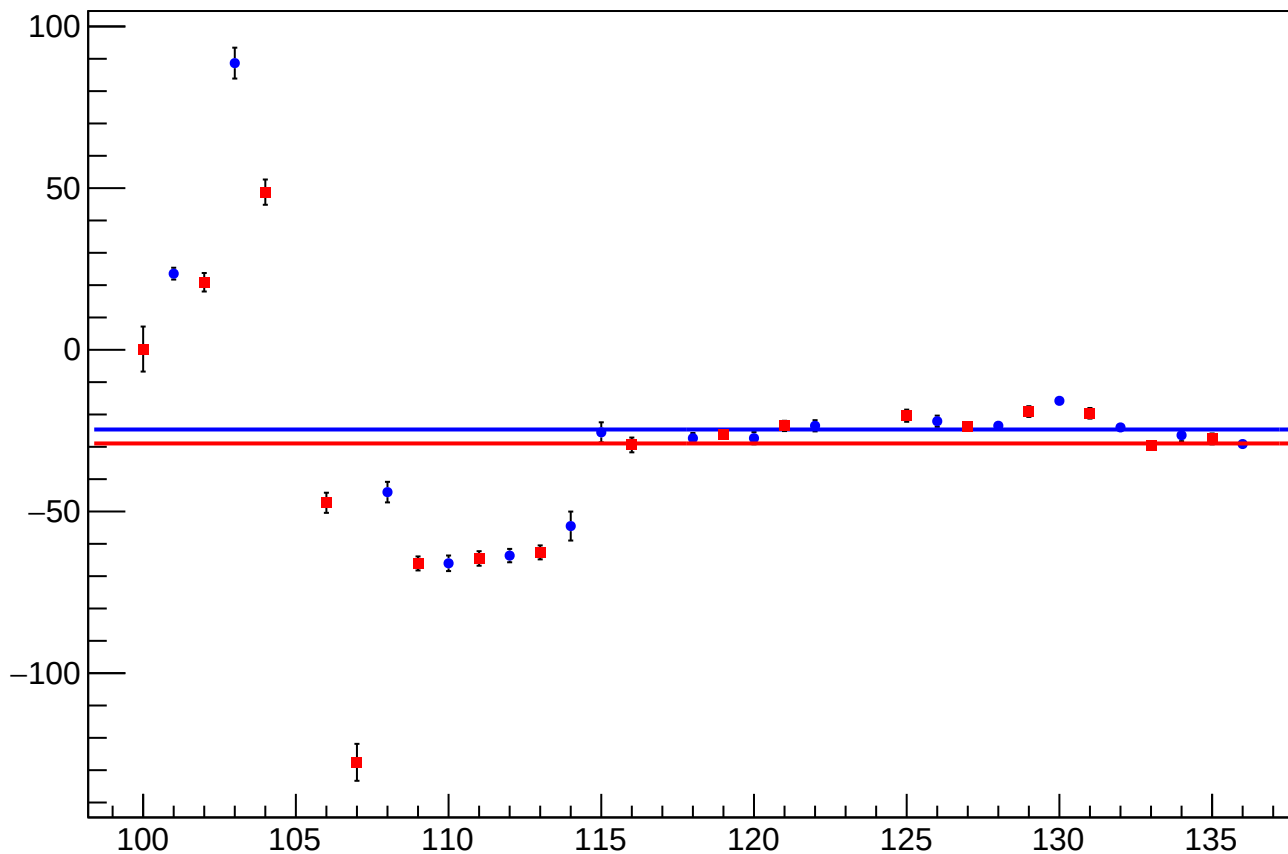
Right: -5.383+/-0.292 χ^2/NDF : 388.8/32

In: -5.006+/-0.401 χ^2/NDF : 247.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.383+/-0.292 χ^2/NDF : 388.8/32

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: -28.957 ± 0.486 χ^2/NDF : 1952.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

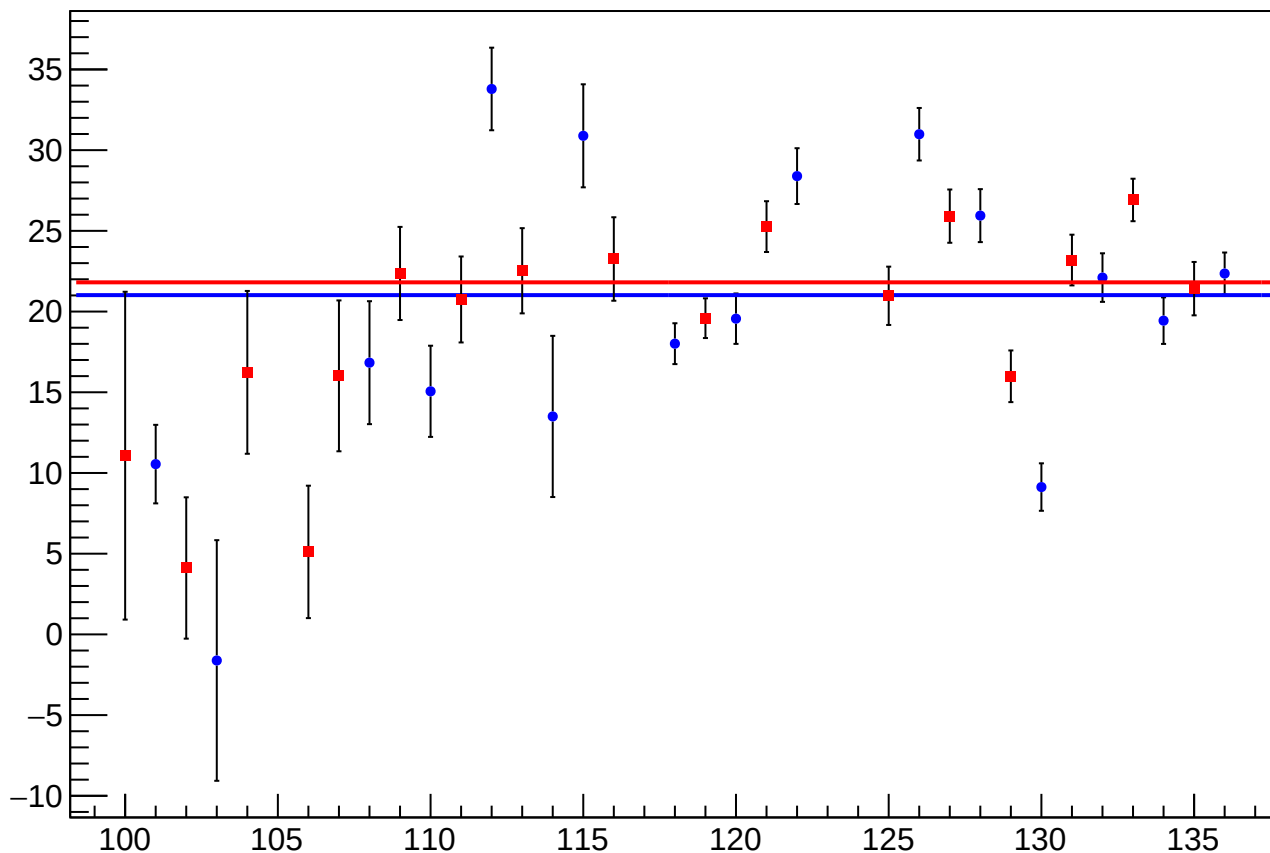
Right: -26.659 ± 0.332 χ^2/NDF : 4046.0/32

In: -24.641 ± 0.455 χ^2/NDF : 2051.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.659 ± 0.332 χ^2/NDF : 4046.0/32

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: 21.810+/-0.486 χ^2 /NDF: 80.9/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

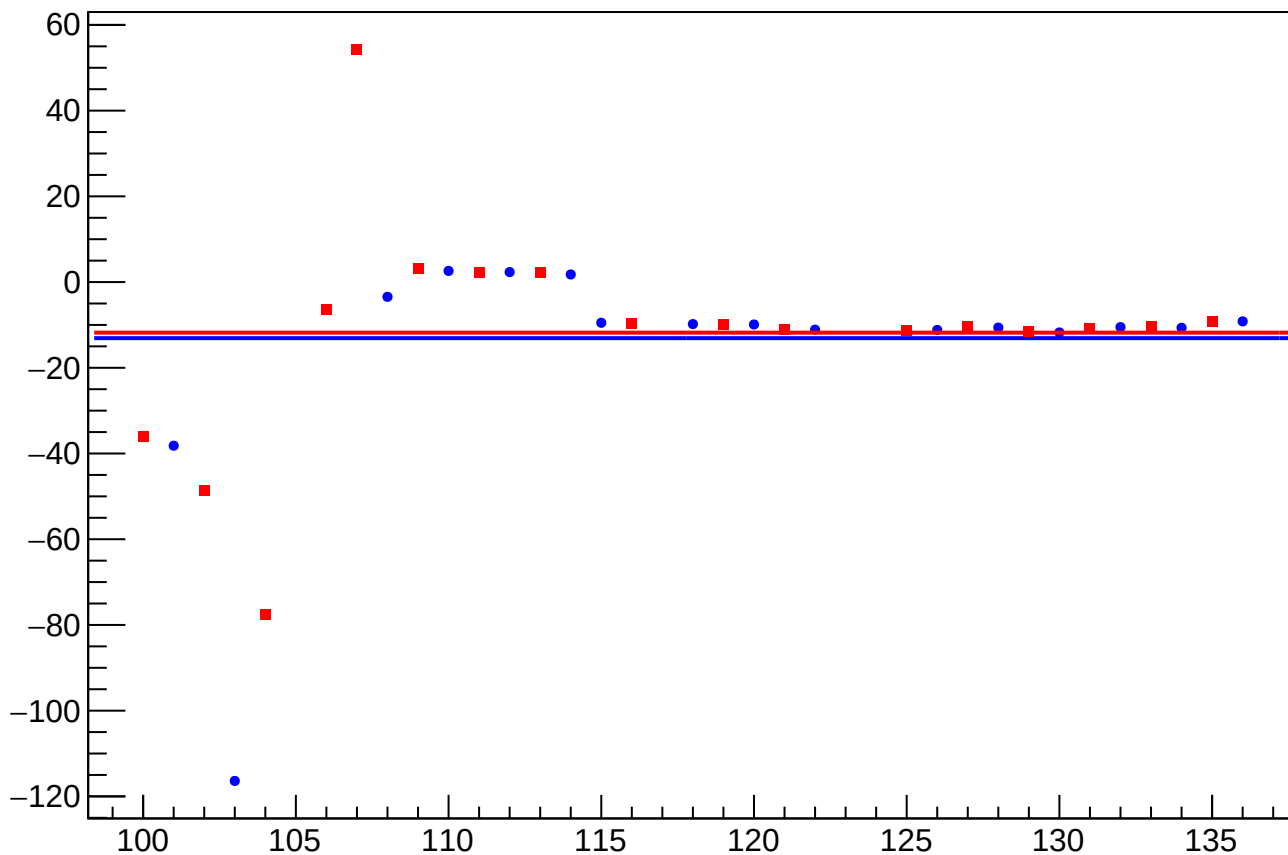
Right: 21.391+/-0.333 χ^2 /NDF: 291.9/32

In: 21.019+/-0.458 χ^2 /NDF:209.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 21.391+/-0.333 χ^2 /NDF: 291.9/32

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -13.086+/-0.028 χ^2/NDF : 344941.2/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -11.804+/-0.032 χ^2/NDF : 313674.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

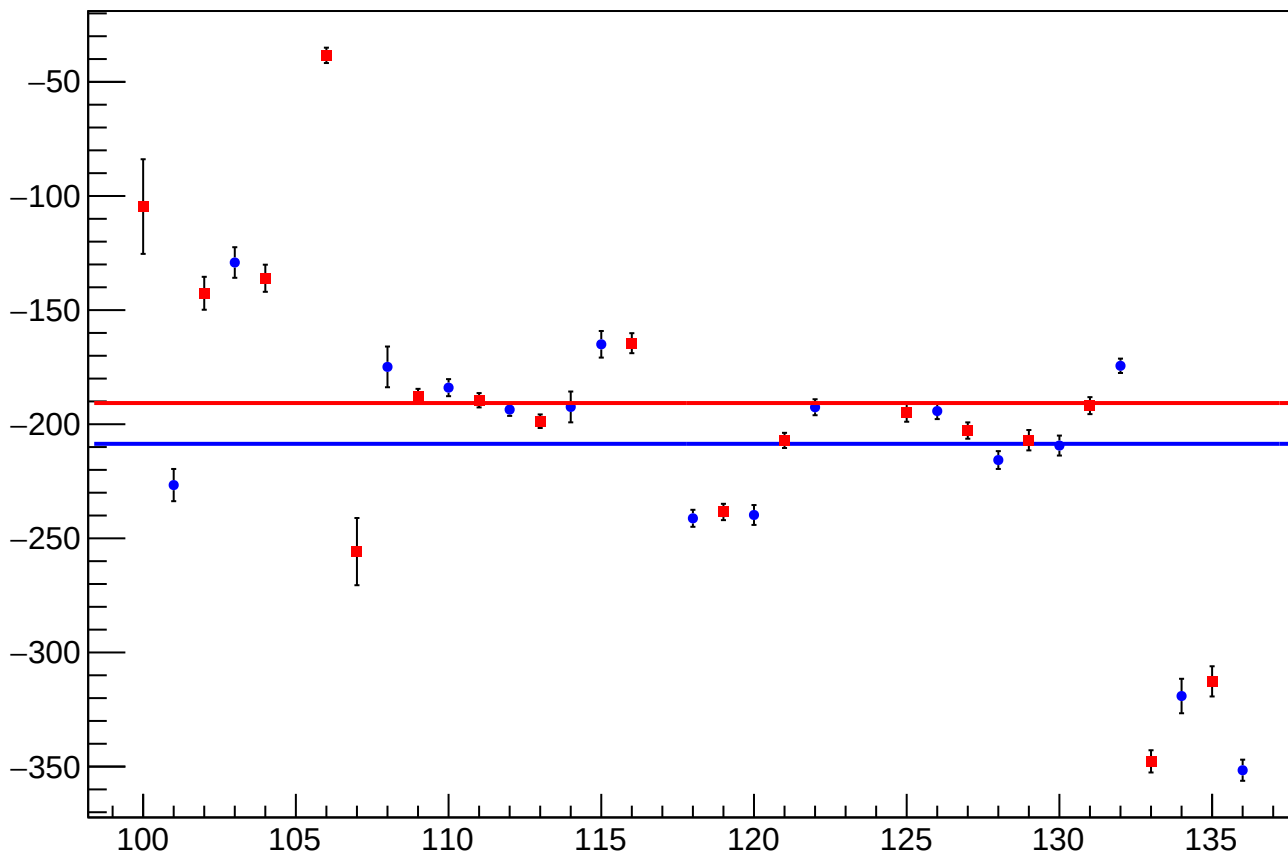
Right: -12.522+/-0.021 χ^2/NDF : 659510.9/32

In: -13.086+/-0.028 χ^2/NDF :344941.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -12.522+/-0.021 χ^2/NDF : 659510.9/32

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: -190.716 ± 1.004 χ^2/NDF : 3867.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

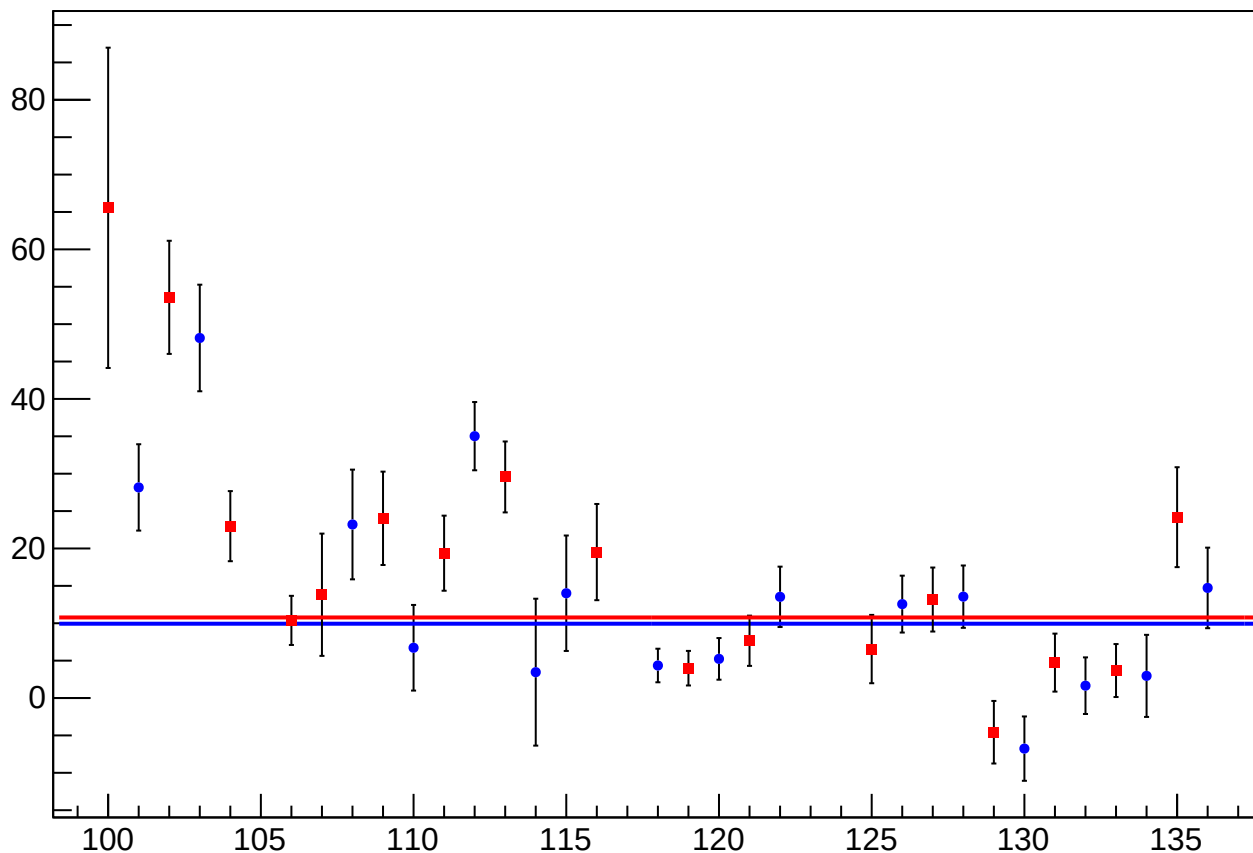
Right: -199.114 ± 0.731 χ^2/NDF : 5767.4/32

In: -208.586 ± 1.067 χ^2/NDF : 1751.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -199.114 ± 0.731 χ^2/NDF : 5767.4/32

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 9.938+/-1.065 χ^2/NDF : 106.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.775+/-1.048 χ^2/NDF : 105.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

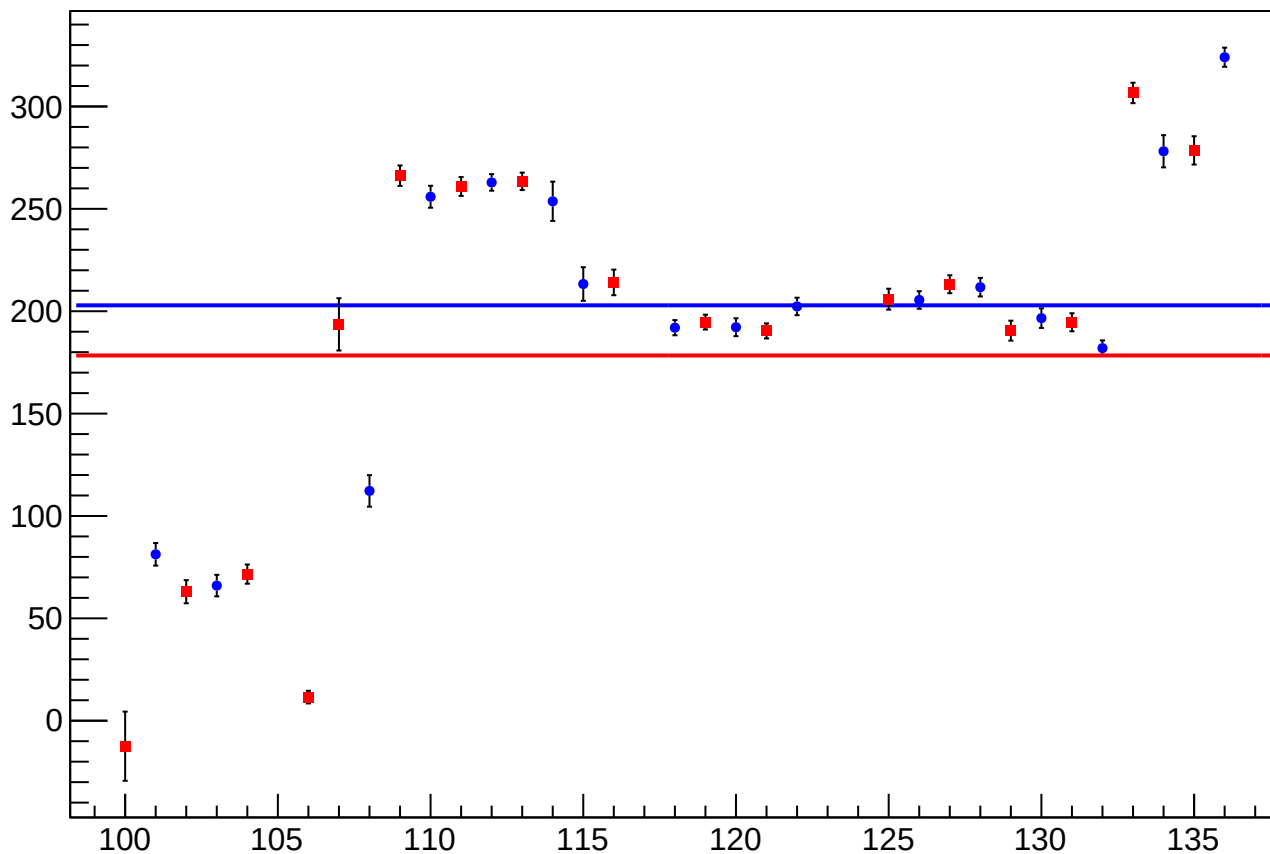
Right: 10.363+/-0.747 χ^2/NDF : 211.9/32

In: 9.938+/-1.065 χ^2/NDF : 106.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.363+/-0.747 χ^2/NDF : 211.9/32

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 202.874 $\pm$ 1.226 χ^2 /NDF: 2464.2/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 178.388 $\pm$ 1.152 χ^2 /NDF: 6053.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

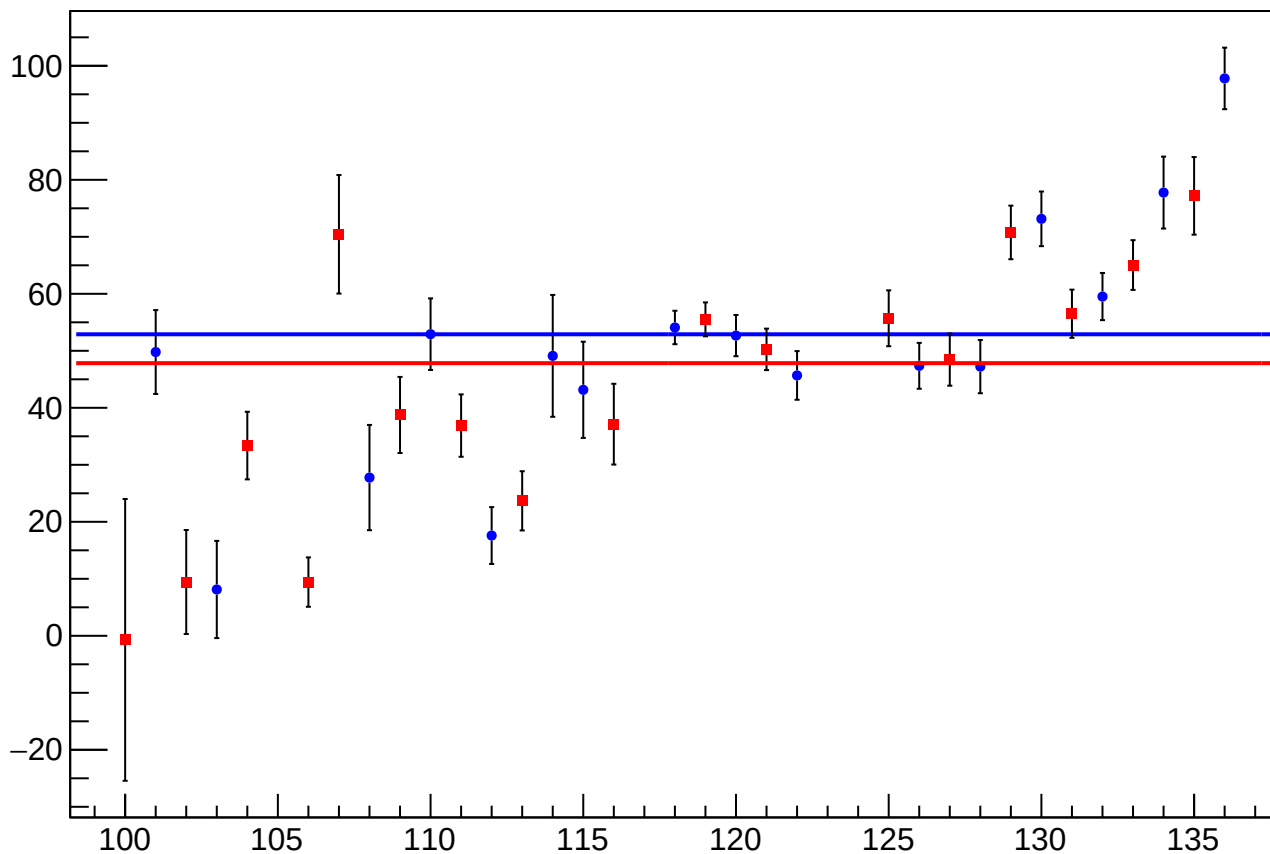
Right: 189.871 $\pm$ 0.839 χ^2 /NDF: 8730.0/32

In: 202.874 $\pm$ 1.226 χ^2 /NDF:2464.2/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 189.871 $\pm$ 0.839 χ^2 /NDF: 8730.0/32

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 52.899+/-1.242 χ^2 /NDF: 198.3/15

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 47.833+/-1.221 χ^2 /NDF: 212.5/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

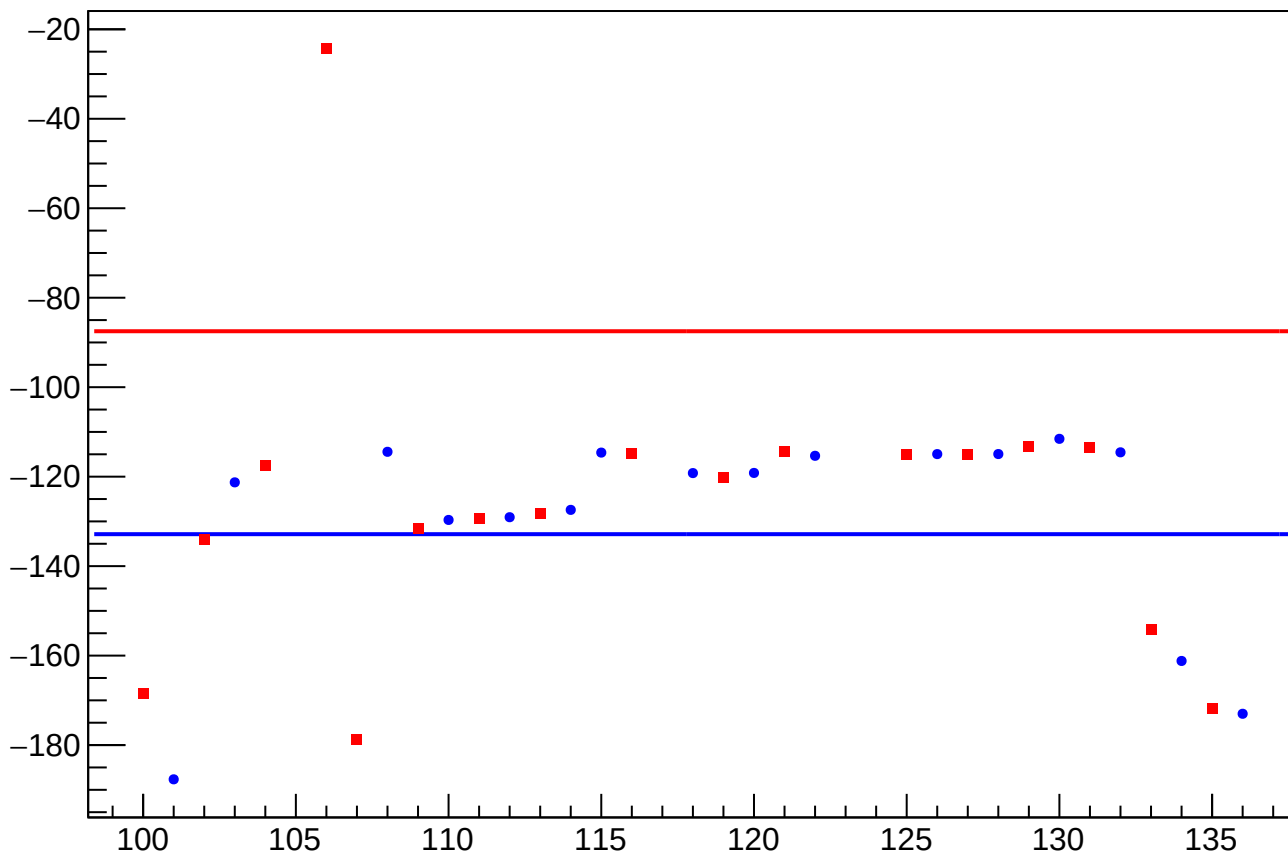
Right: 50.324+/-0.871 χ^2 /NDF: 419.3/32

In: 52.899+/-1.242 χ^2 /NDF:198.3/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 50.324+/-0.871 χ^2 /NDF: 419.3/32

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: -87.493+/-0.065 χ^2 /NDF: 696891.0/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

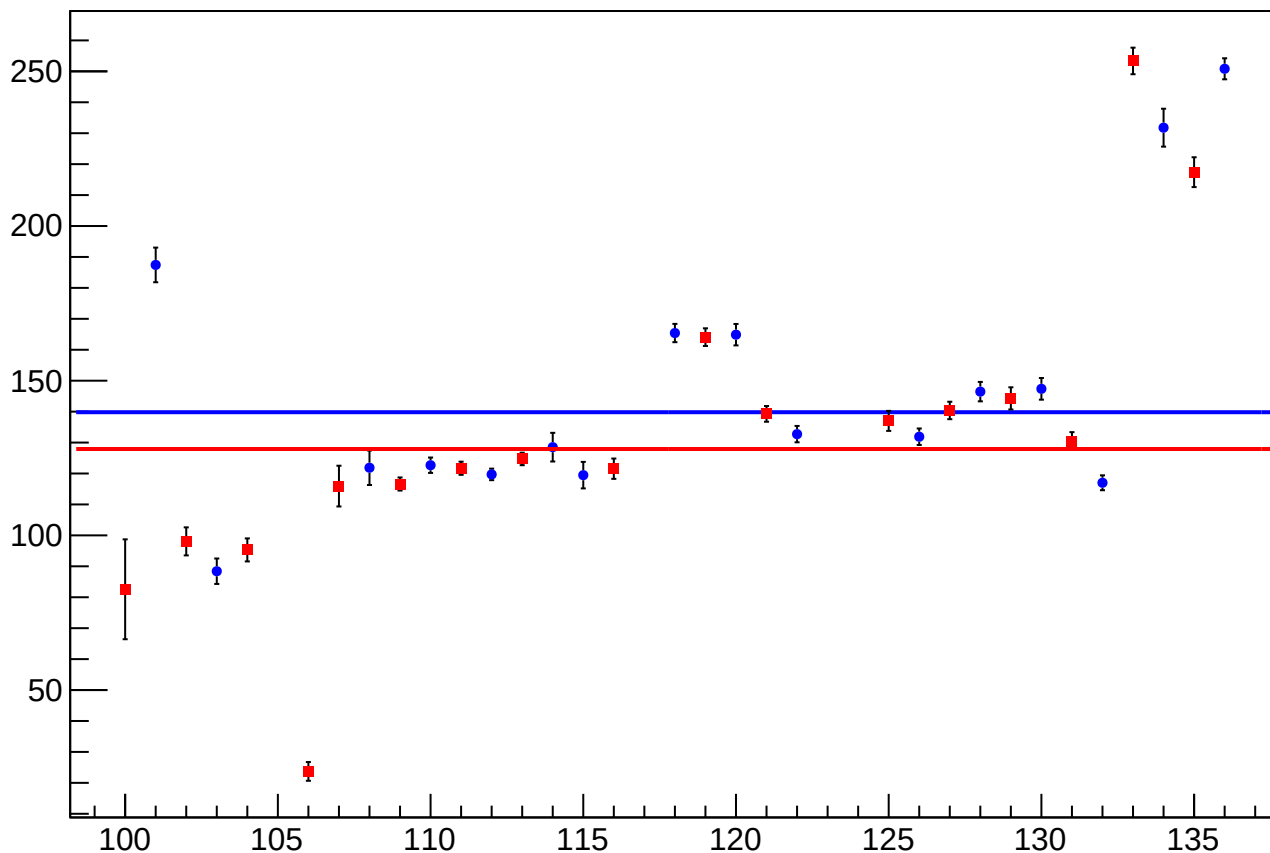
Right: -105.084+/-0.051 χ^2 /NDF: 980741.8/32

In: -132.856+/-0.081 χ^2 /NDF:93497.9/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -105.084+/-0.051 χ^2 /NDF: 980741.8/32

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: 127.920 $\pm$ 0.738 χ^2 /NDF: 2784.1/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

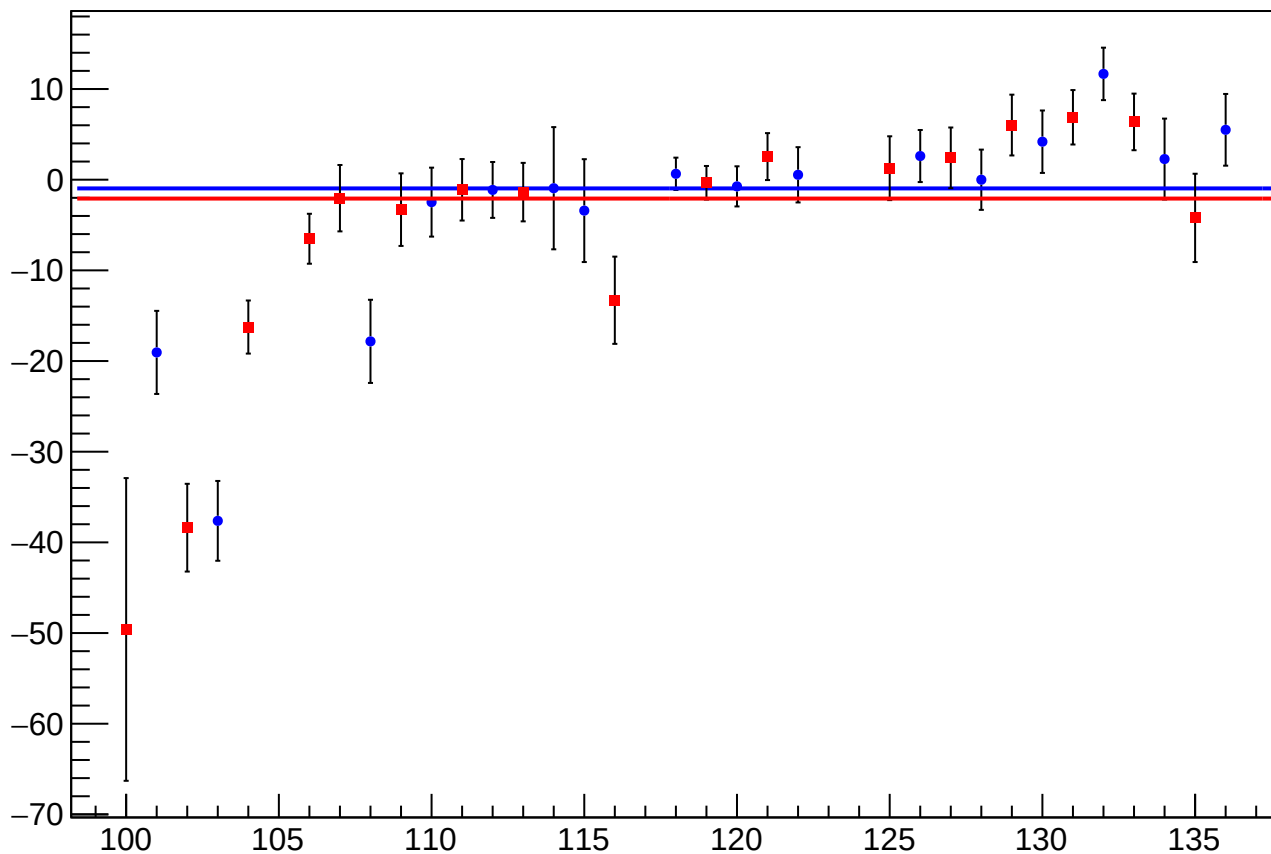
Right: 133.504 $\pm$ 0.538 χ^2 /NDF: 4870.8/32

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: 133.504 $\pm$ 0.538 χ^2 /NDF: 4870.8/32

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: -2.082 ± 0.787 χ^2/NDF : 125.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

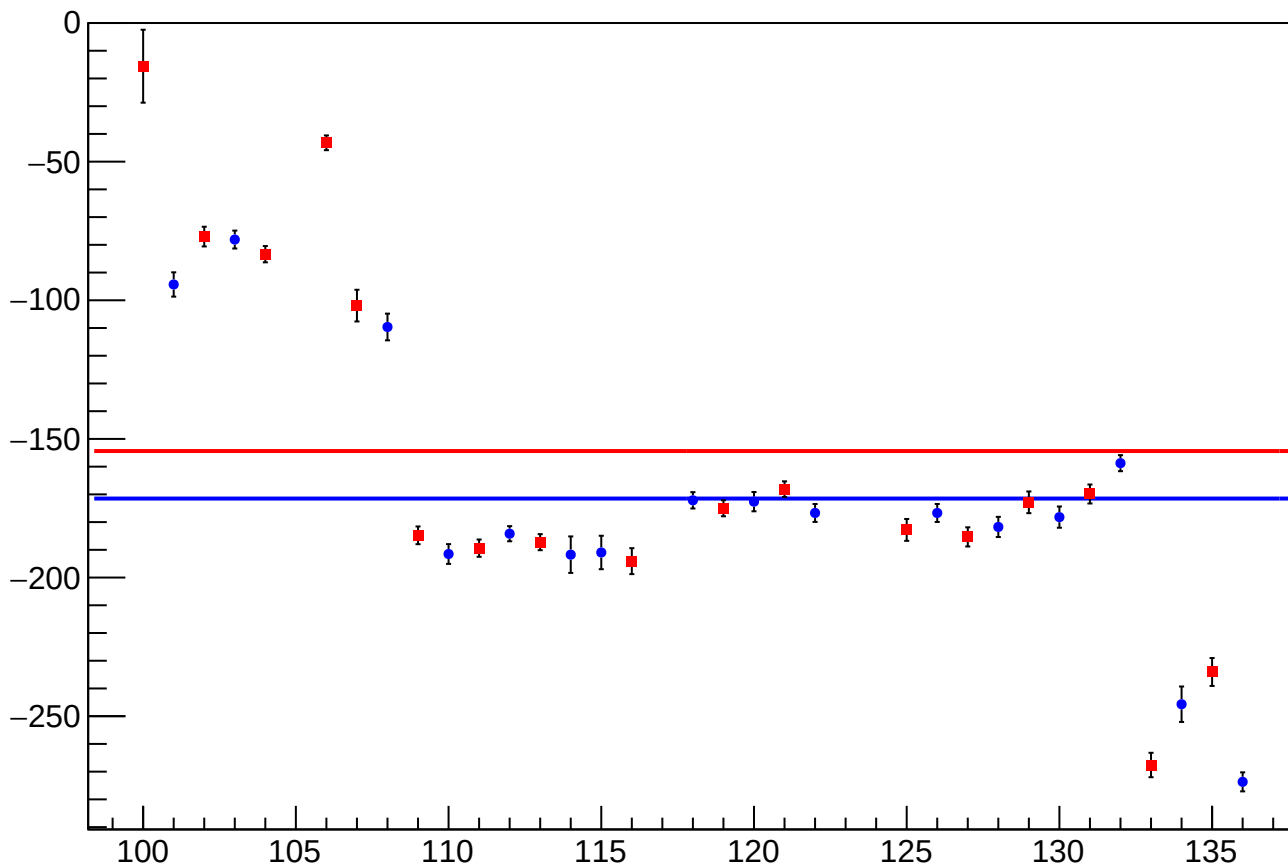
Right: -1.537 ± 0.564 χ^2/NDF : 252.2/32

In: -0.963 ± 0.808 χ^2/NDF : 126.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.537 ± 0.564 χ^2/NDF : 252.2/32

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: -154.371+/-0.854 χ^2/NDF : 4574.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

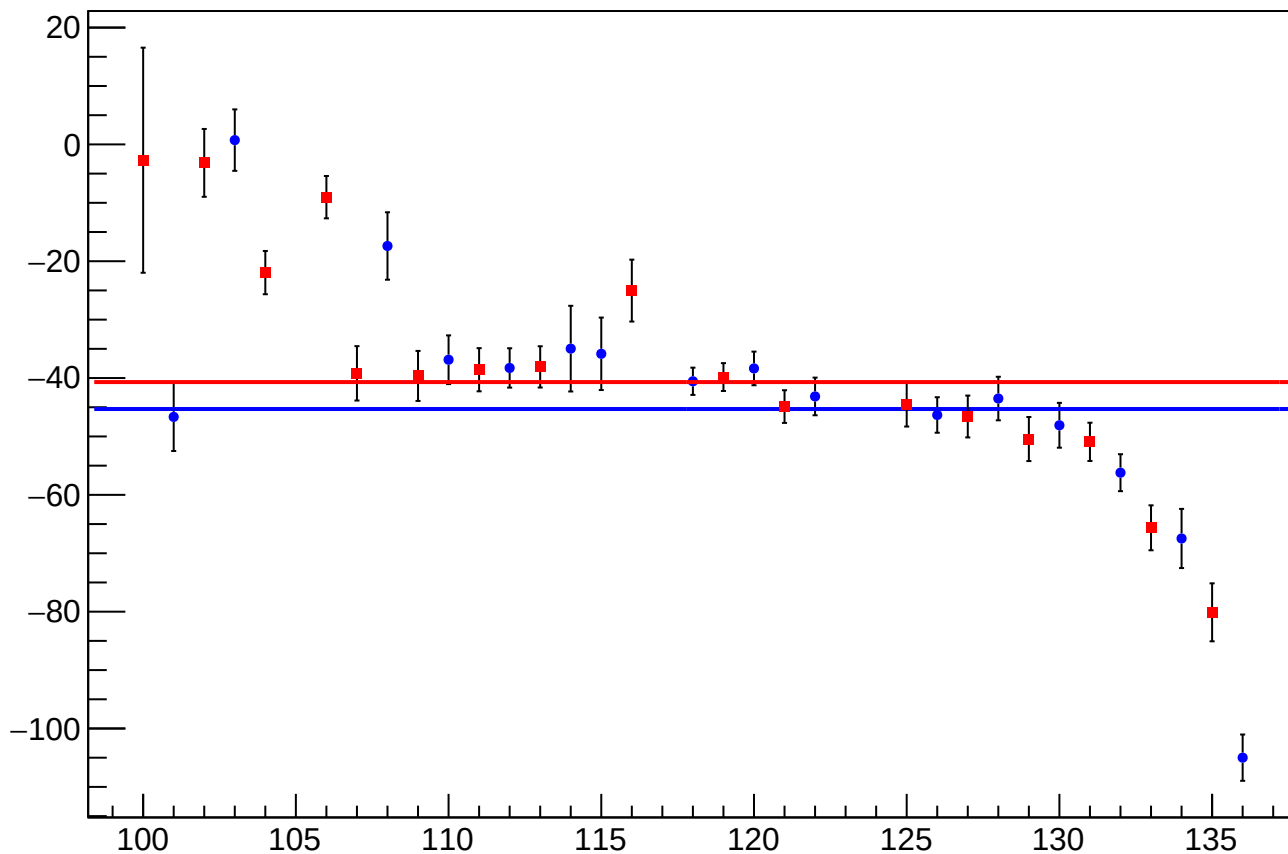
Right: -162.422+/-0.622 χ^2/NDF : 7206.4/32

In: -171.506+/-0.907 χ^2/NDF :2442.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -162.422+/-0.622 χ^2/NDF : 7206.4/32

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: -40.691 ± 0.915 χ^2/NDF : 285.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

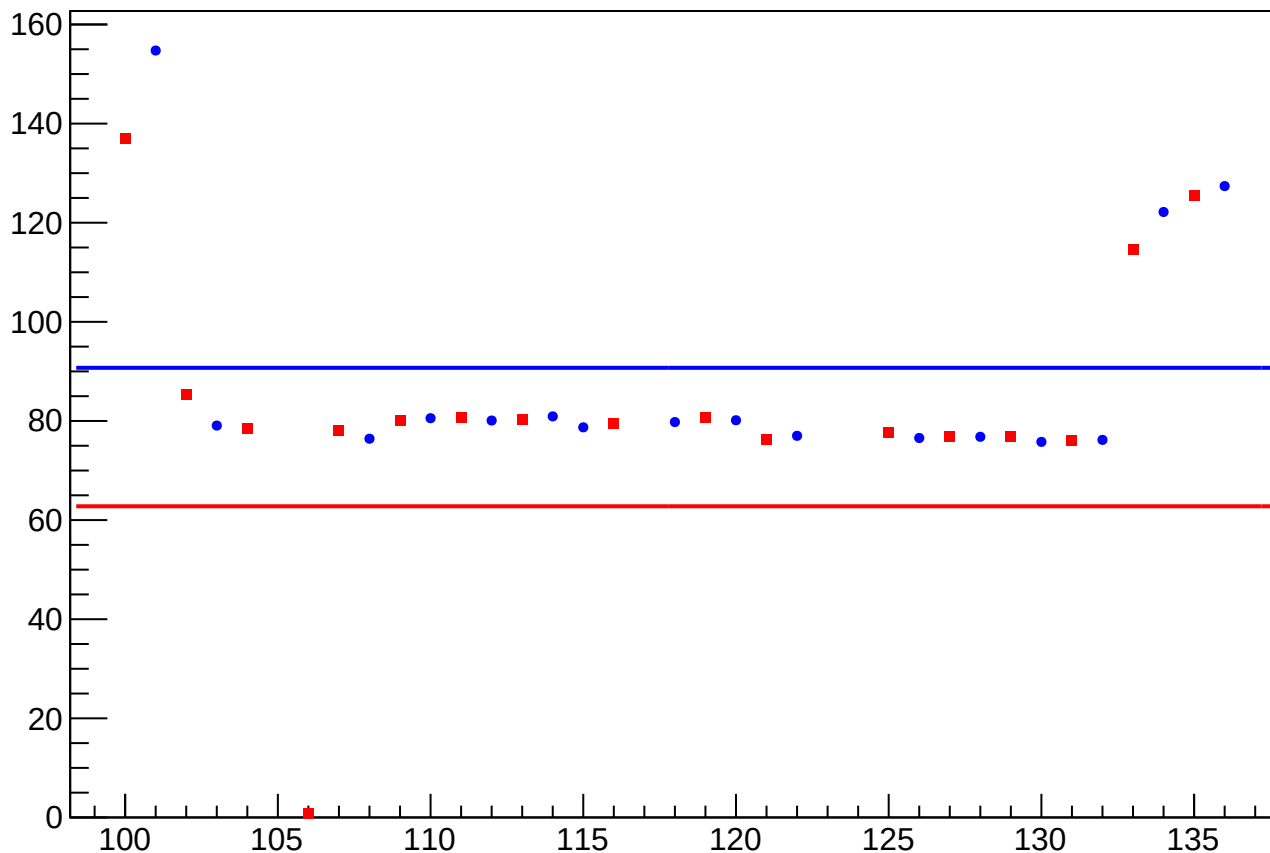
Right: -42.941 ± 0.655 χ^2/NDF : 679.5/32

In: -45.304 ± 0.938 χ^2/NDF : 382.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.941 ± 0.655 χ^2/NDF : 679.5/32

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: 62.787+/-0.050 χ^2/NDF : 628654.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

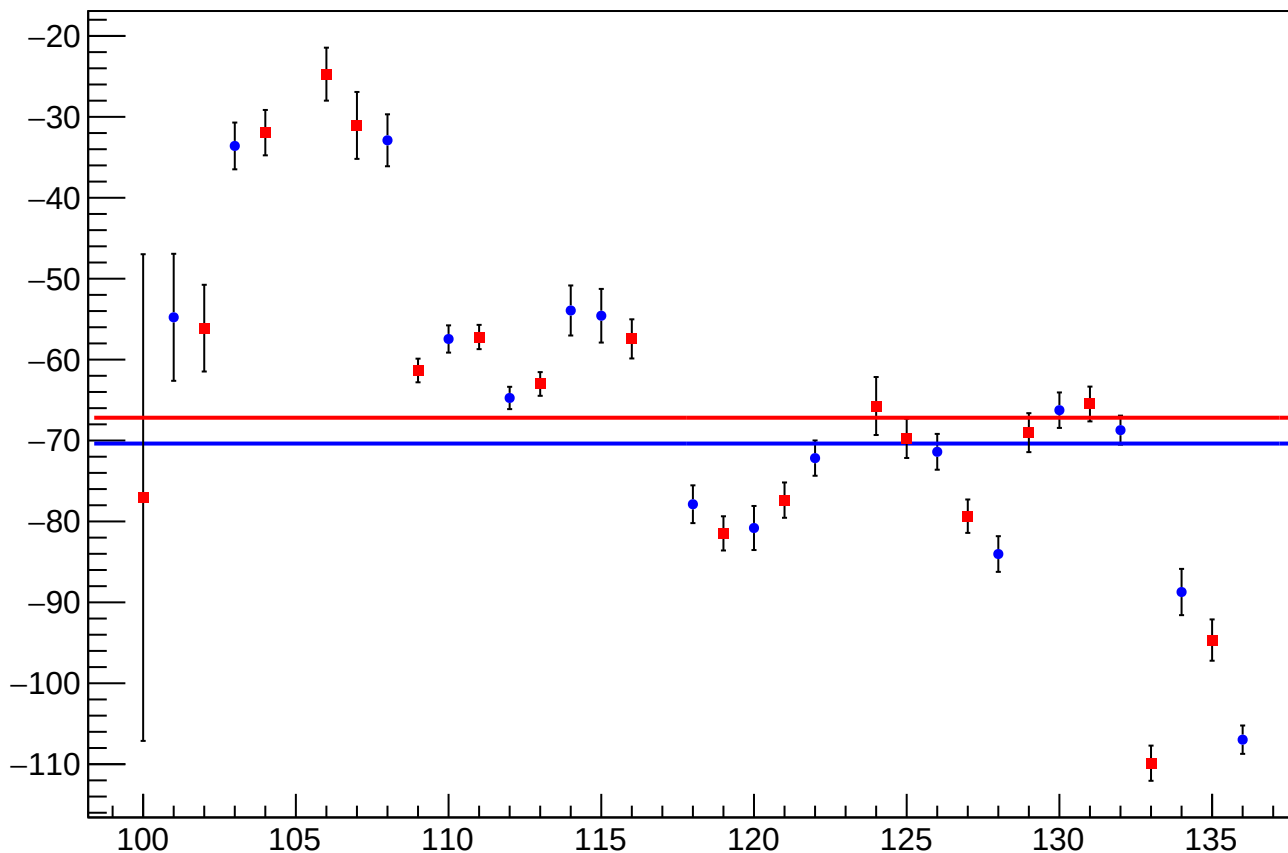
Right: 74.531+/-0.038 χ^2/NDF : 922099.1/32

In: 90.726+/-0.058 χ^2/NDF : 161153.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.531+/-0.038 χ^2/NDF : 922099.1/32

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: -67.182 $\pm$ 0.532 χ^2 /NDF: 1097.5/17

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

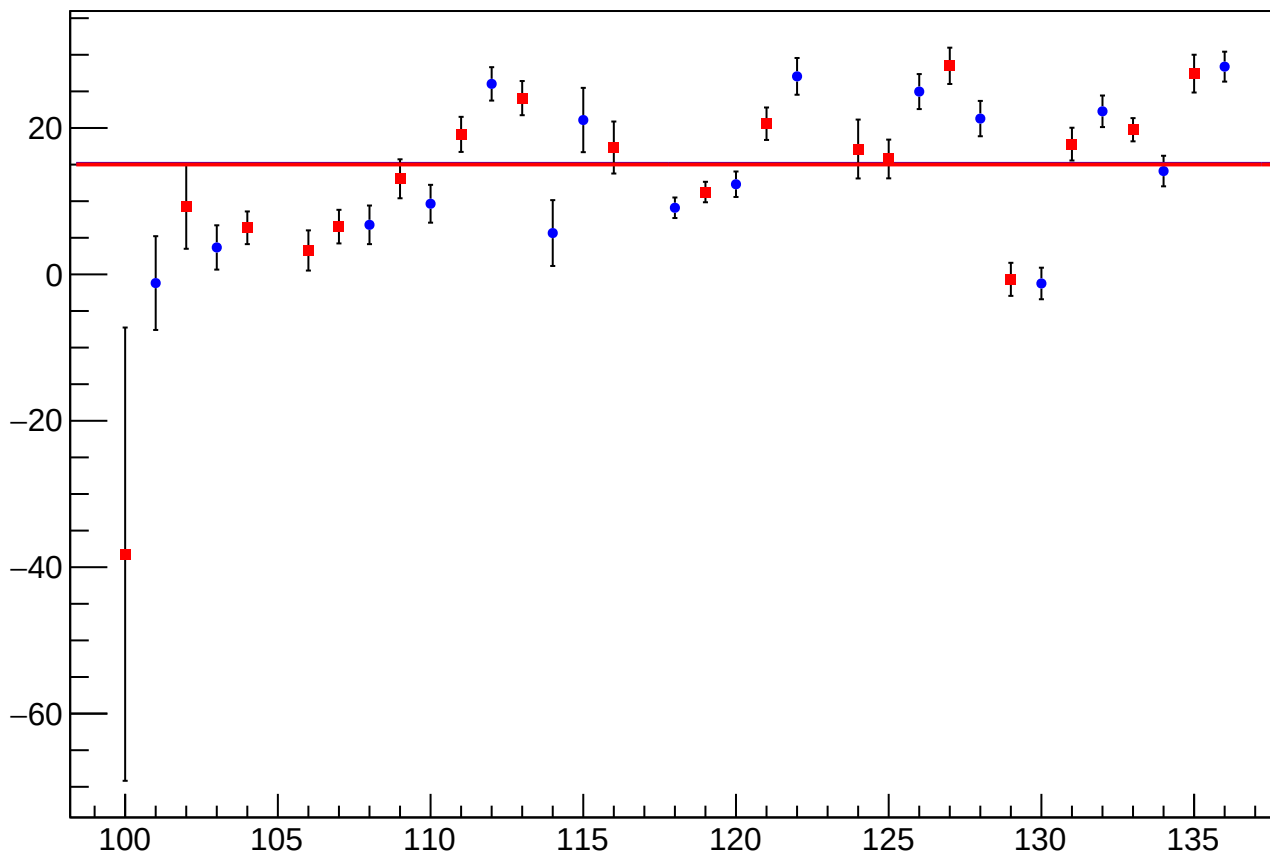
Right: -68.702 $\pm$ 0.385 χ^2 /NDF: 2089.6/33

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: -68.702 $\pm$ 0.385 χ^2 /NDF: 2089.6/33

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: 15.020+/-0.563 χ^2/NDF : 195.3/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

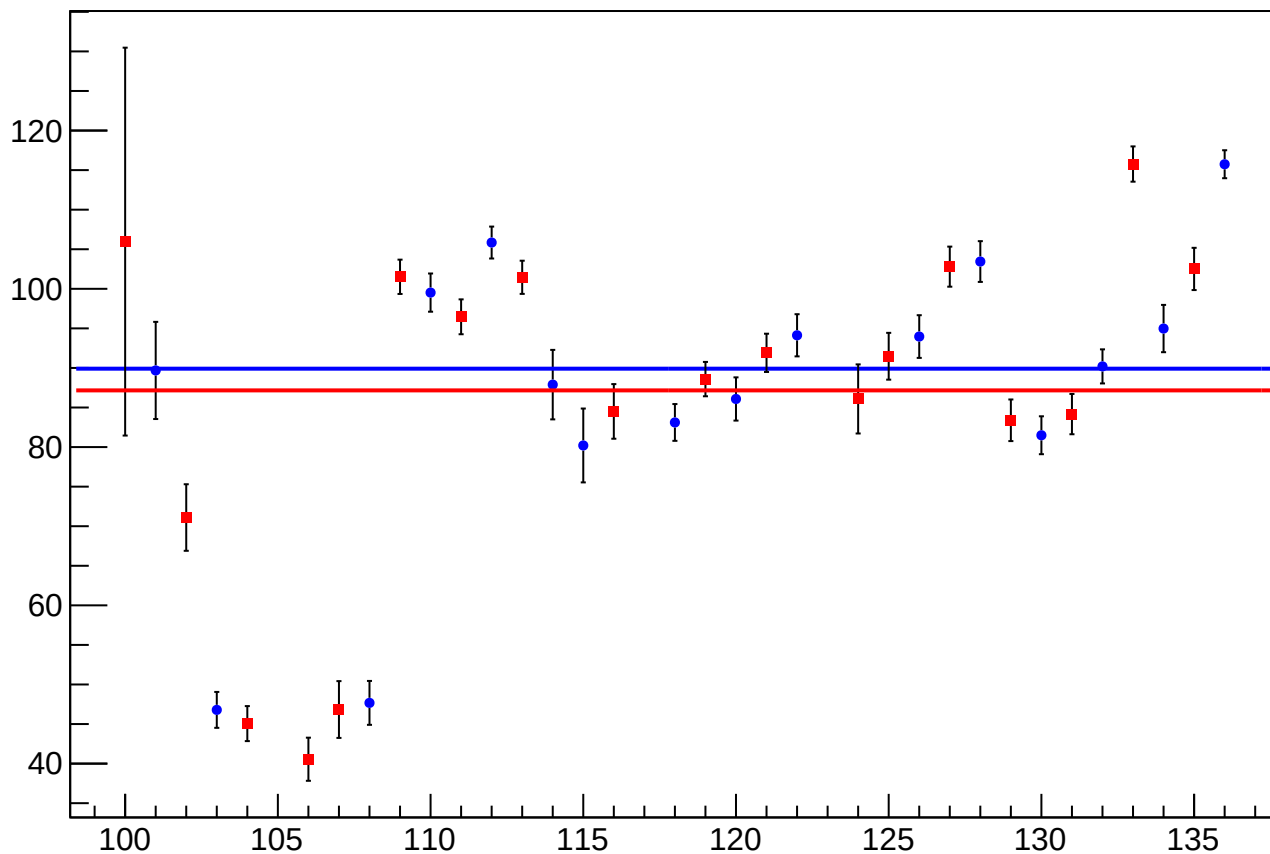
Right: 15.055+/-0.404 χ^2/NDF : 437.7/33

In: 15.092+/-0.581 χ^2/NDF : 242.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.055+/-0.404 χ^2/NDF : 437.7/33

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 89.907 $\pm$ 0.641 χ^2 /NDF: 947.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 87.164 $\pm$ 0.626 χ^2 /NDF: 1151.0/17

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

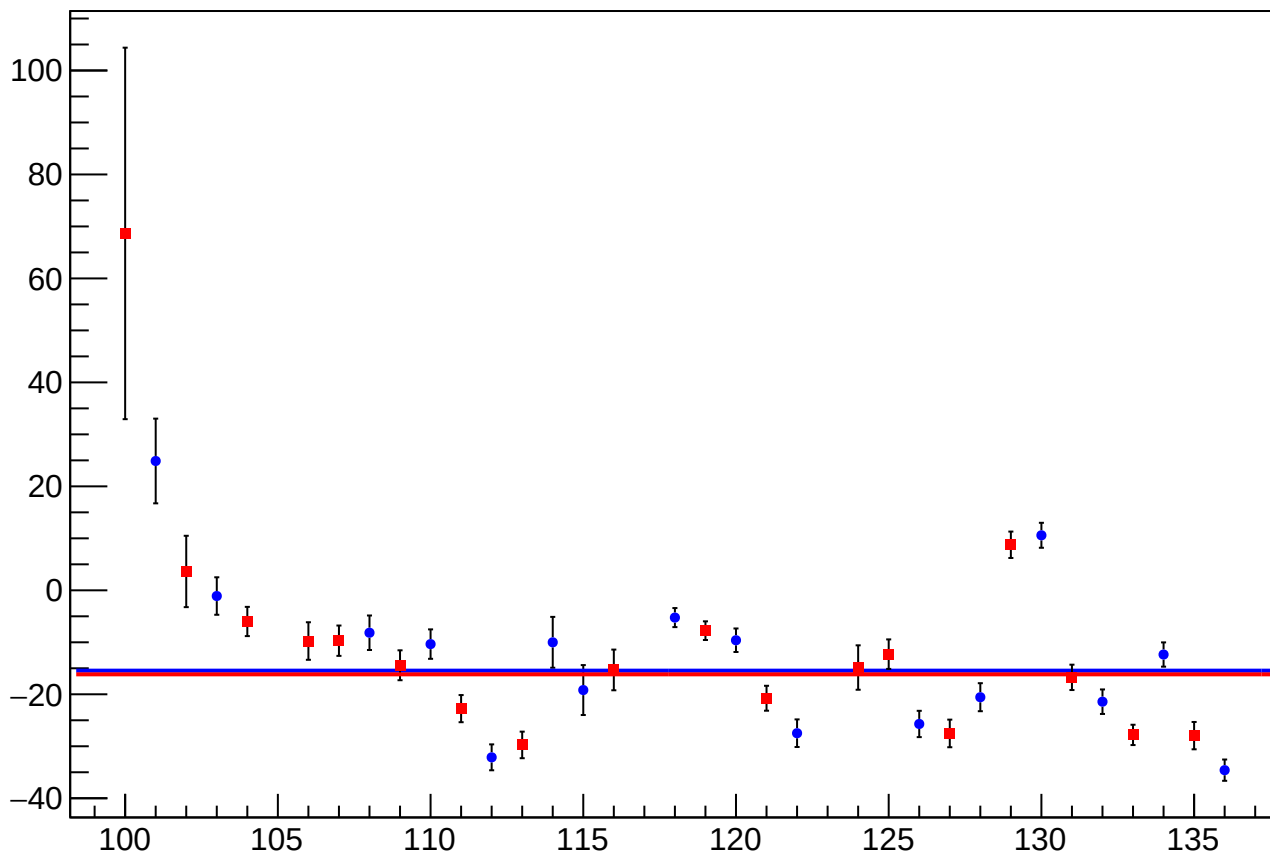
Right: 88.504 $\pm$ 0.448 χ^2 /NDF: 2108.1/33

In: 89.907 $\pm$ 0.641 χ^2 /NDF:947.7/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 88.504 $\pm$ 0.448 χ^2 /NDF: 2108.1/33

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -15.454 $\pm$ 0.665 χ^2 /NDF: 386.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -16.163 $\pm$ 0.650 χ^2 /NDF: 268.1/17

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

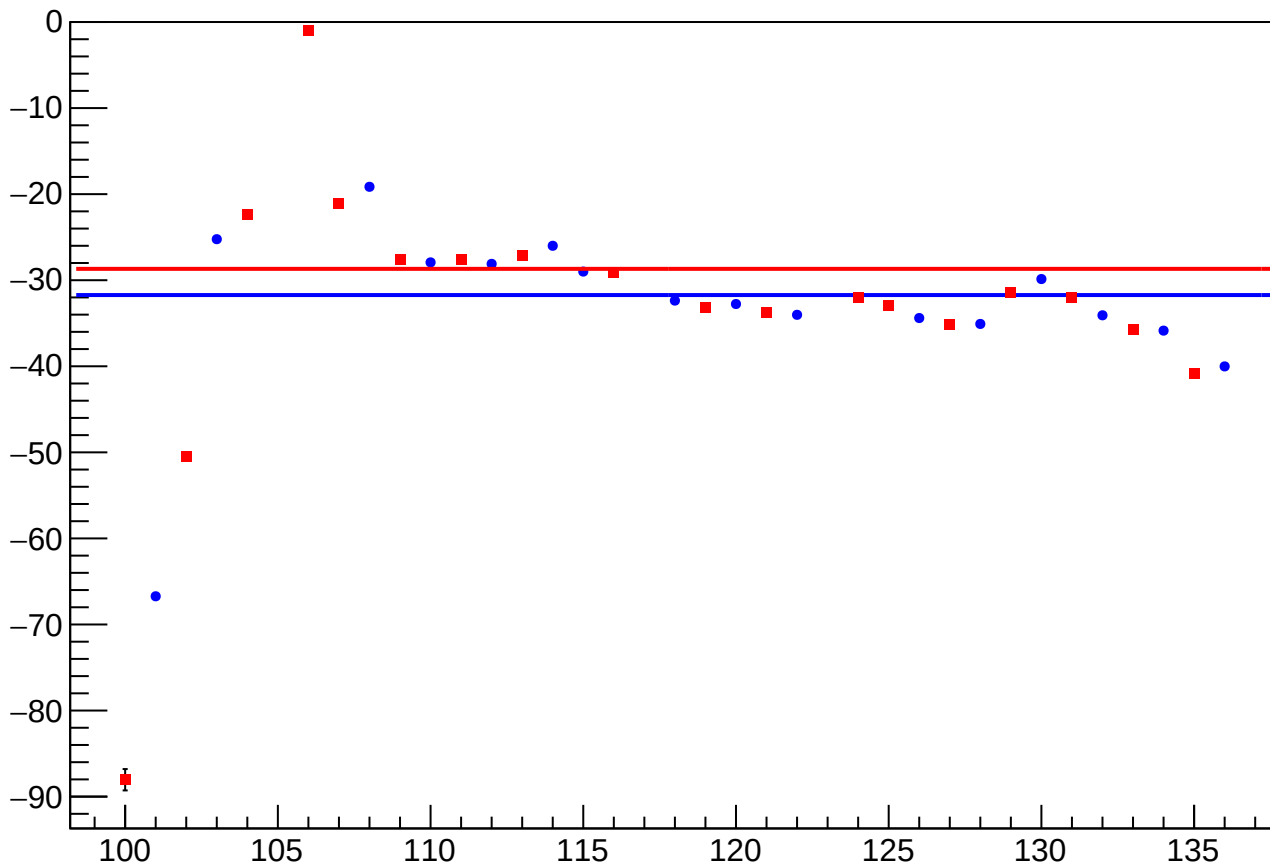
Right: -15.817 $\pm$ 0.465 χ^2 /NDF: 655.2/33

In: -15.454 $\pm$ 0.665 χ^2 /NDF:386.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -15.817 $\pm$ 0.465 χ^2 /NDF: 655.2/33

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: -28.680±/0.039 χ^2/NDF : 90245.8/17

Left In: 0.000±/0.000 χ^2/NDF :0.0/0

Left: 0.000±/0.000 χ^2/NDF : 0.0/0

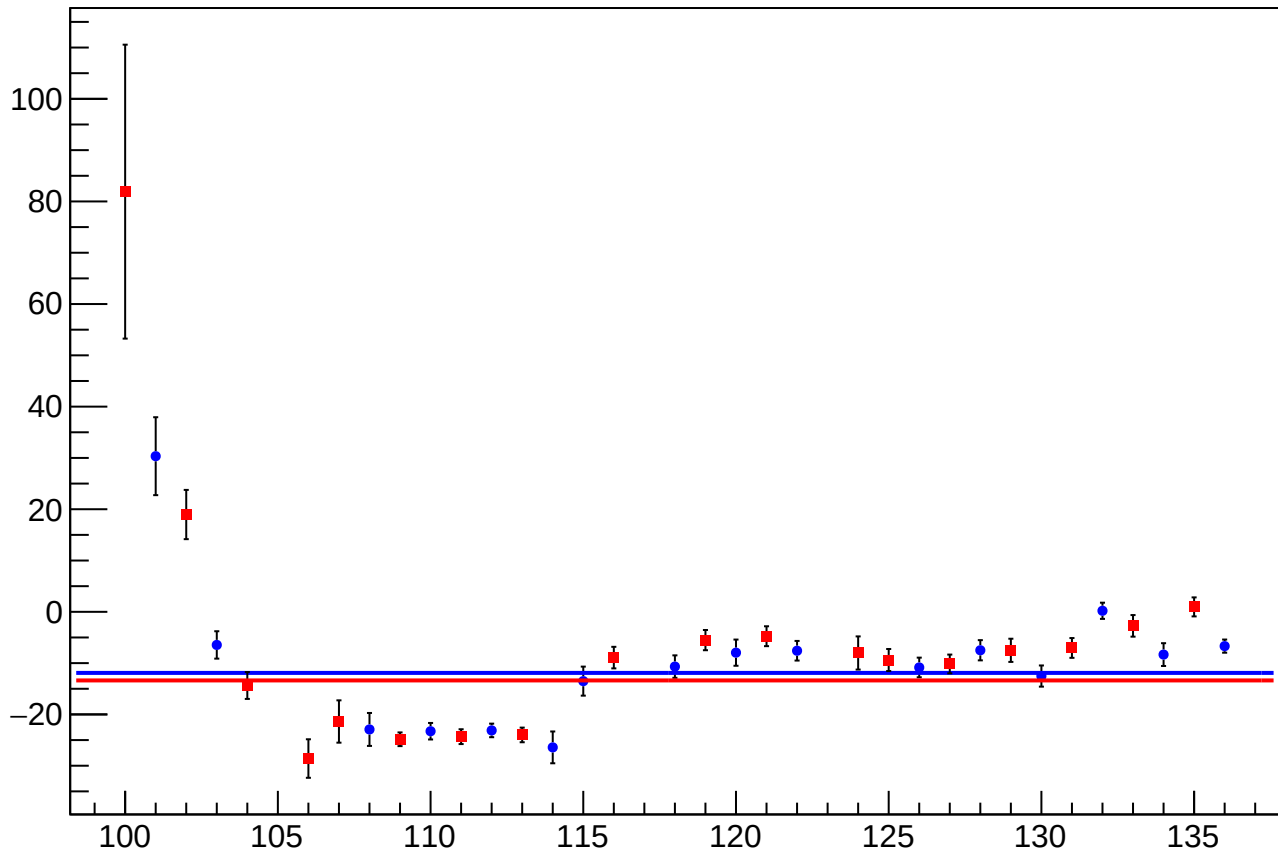
Right: -30.232±/0.027 χ^2/NDF : 132947.5/33

In: -31.725±/0.039 χ^2/NDF :39636.6/15

Out: 0.000±/0.000 χ^2/NDF :0.0/0

All: -30.232±/0.027 χ^2/NDF : 132947.5/33

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: -13.373 $\pm$ 0.488 χ^2 /NDF: 416.2/17

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

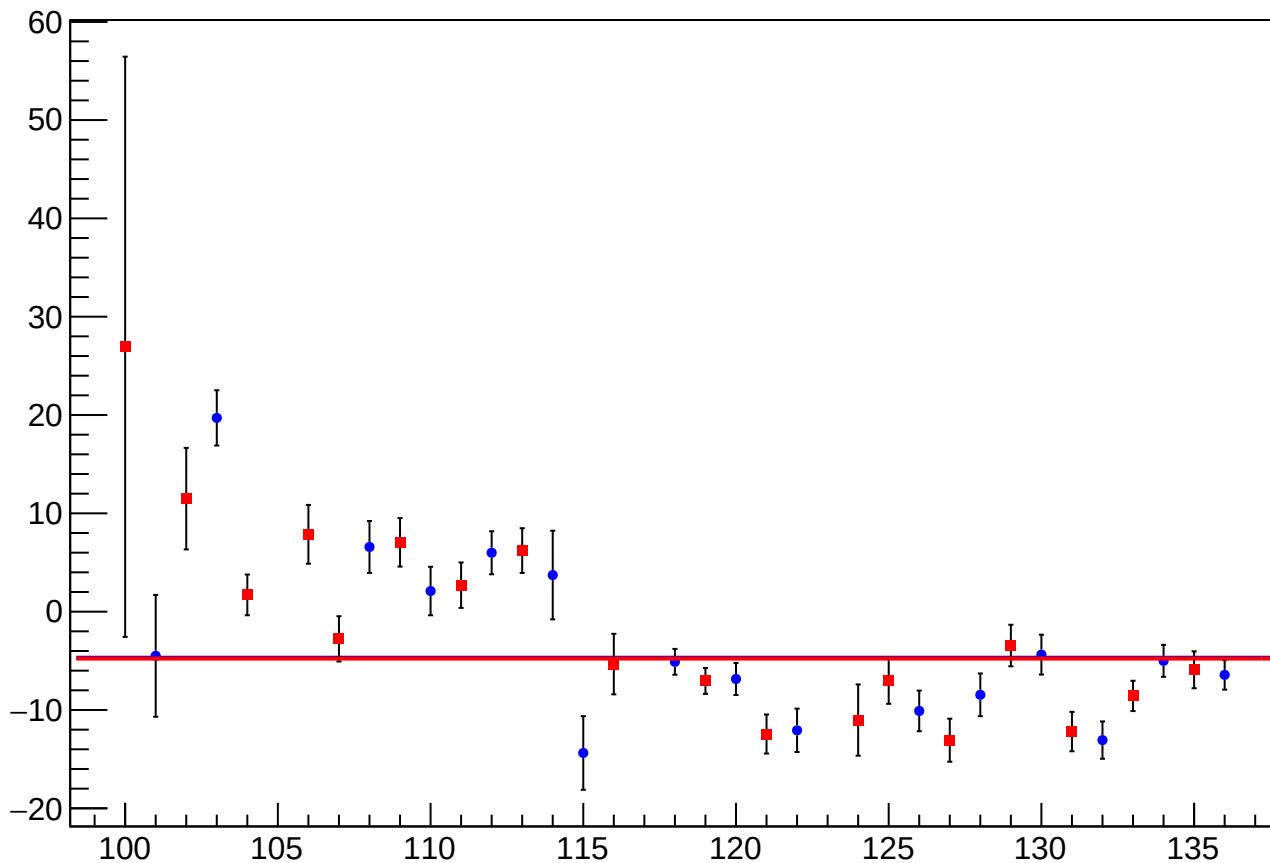
Right: -12.652 $\pm$ 0.348 χ^2 /NDF: 702.7/33

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: -12.652 $\pm$ 0.348 χ^2 /NDF: 702.7/33

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: -4.771+/-0.520 χ^2/NDF : 153.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

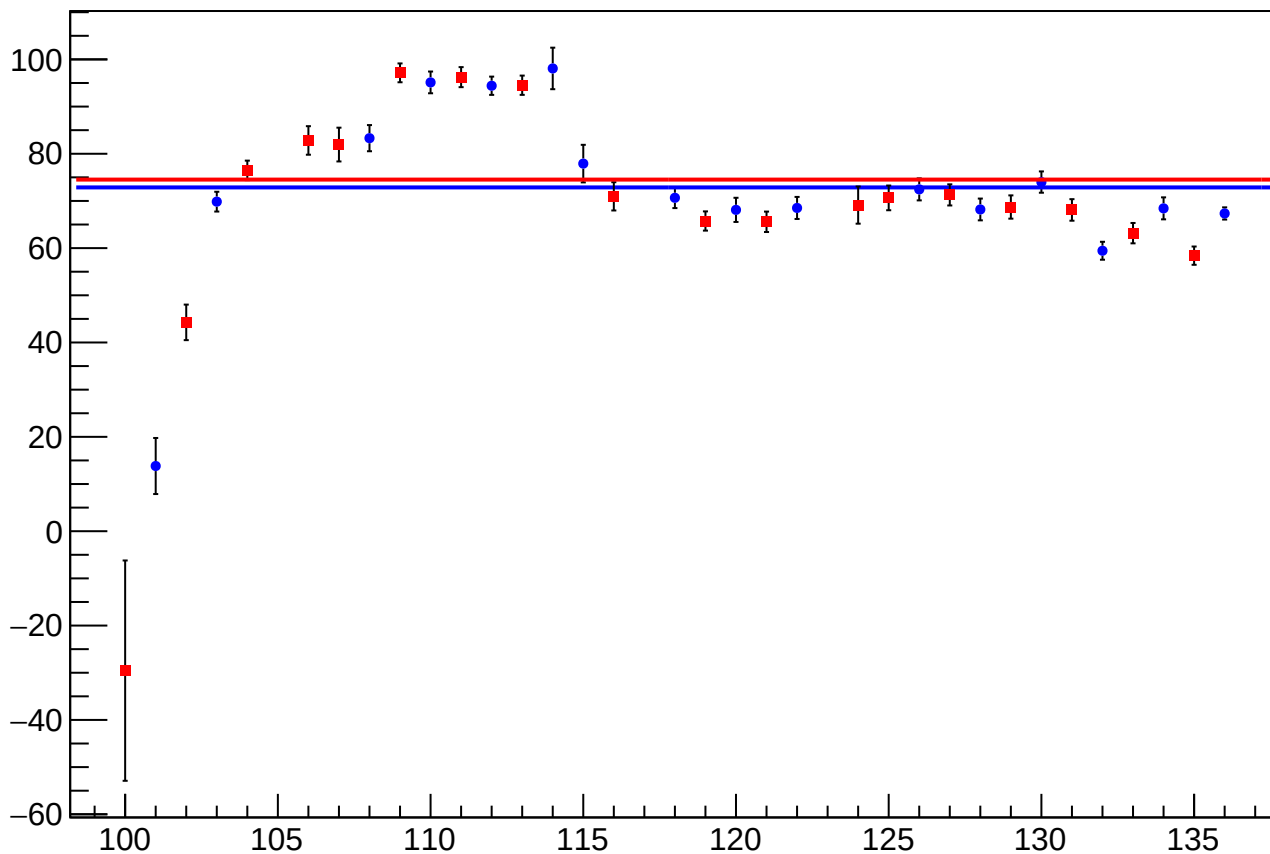
Right: -4.728+/-0.367 χ^2/NDF : 332.1/33

In: -4.686+/-0.517 χ^2/NDF : 179.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.728+/-0.367 χ^2/NDF : 332.1/33

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: 74.525+/-0.575 χ^2/NDF : 579.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

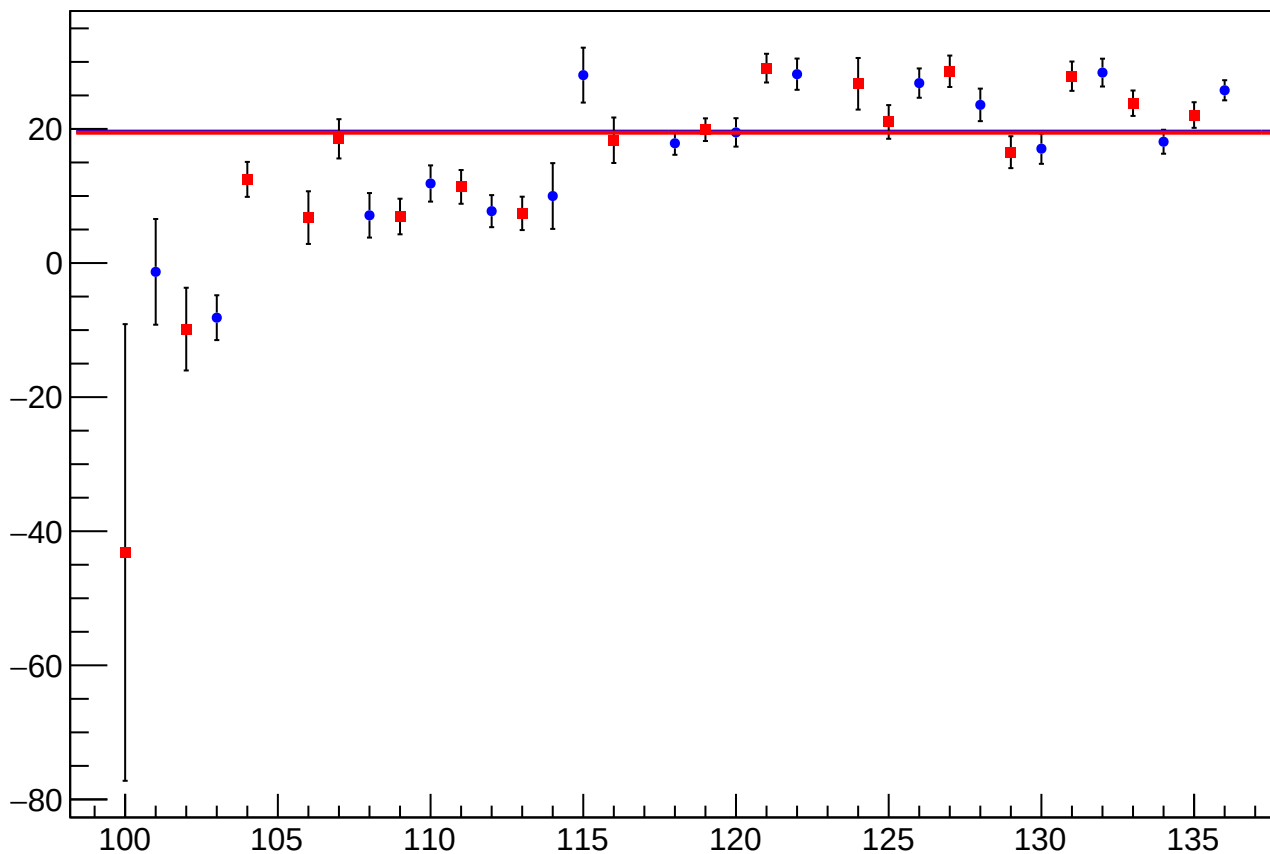
Right: 73.681+/-0.403 χ^2/NDF : 1034.8/33

In: 72.866+/-0.565 χ^2/NDF : 450.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.681+/-0.403 χ^2/NDF : 1034.8/33

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: 19.442+/-0.596 χ^2/NDF : 162.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

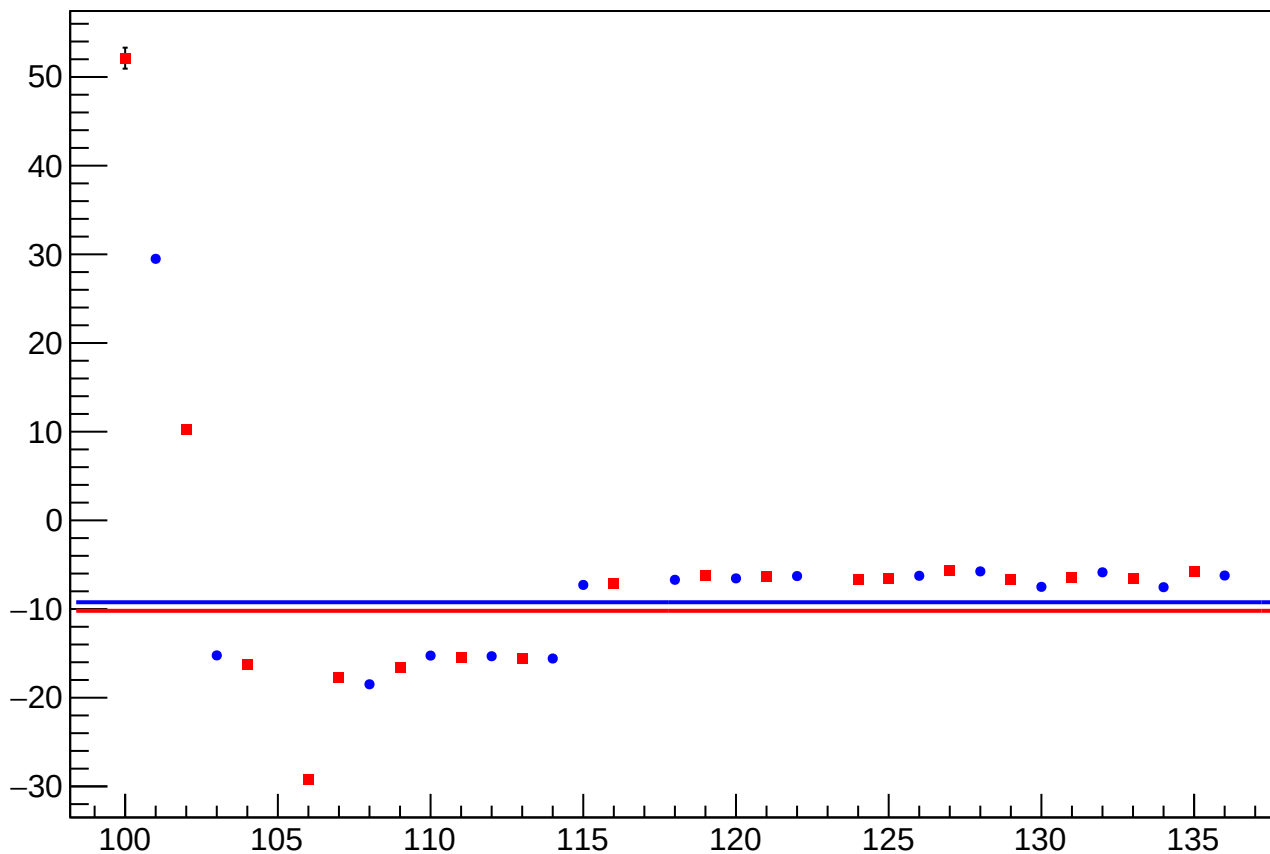
Right: 19.521+/-0.418 χ^2/NDF : 358.7/33

In: 19.598+/-0.585 χ^2/NDF : 196.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.521+/-0.418 χ^2/NDF : 358.7/33

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: -10.199+/-0.036 χ^2/NDF : 52919.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

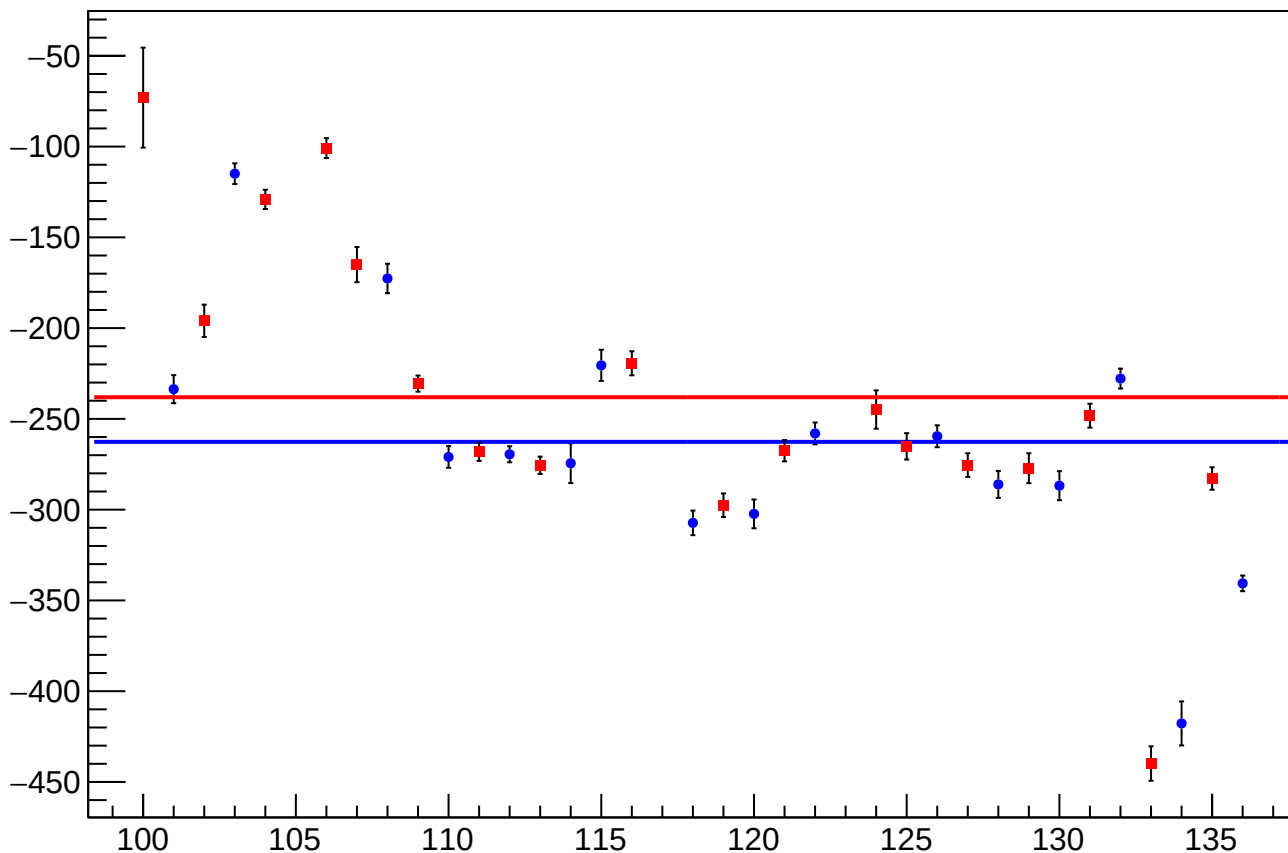
Right: -9.677+/-0.024 χ^2/NDF : 84474.4/33

In: -9.235+/-0.033 χ^2/NDF : 31159.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -9.677+/-0.024 χ^2/NDF : 84474.4/33

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: -238.069+/-1.527 χ^2/NDF : 1951.4/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

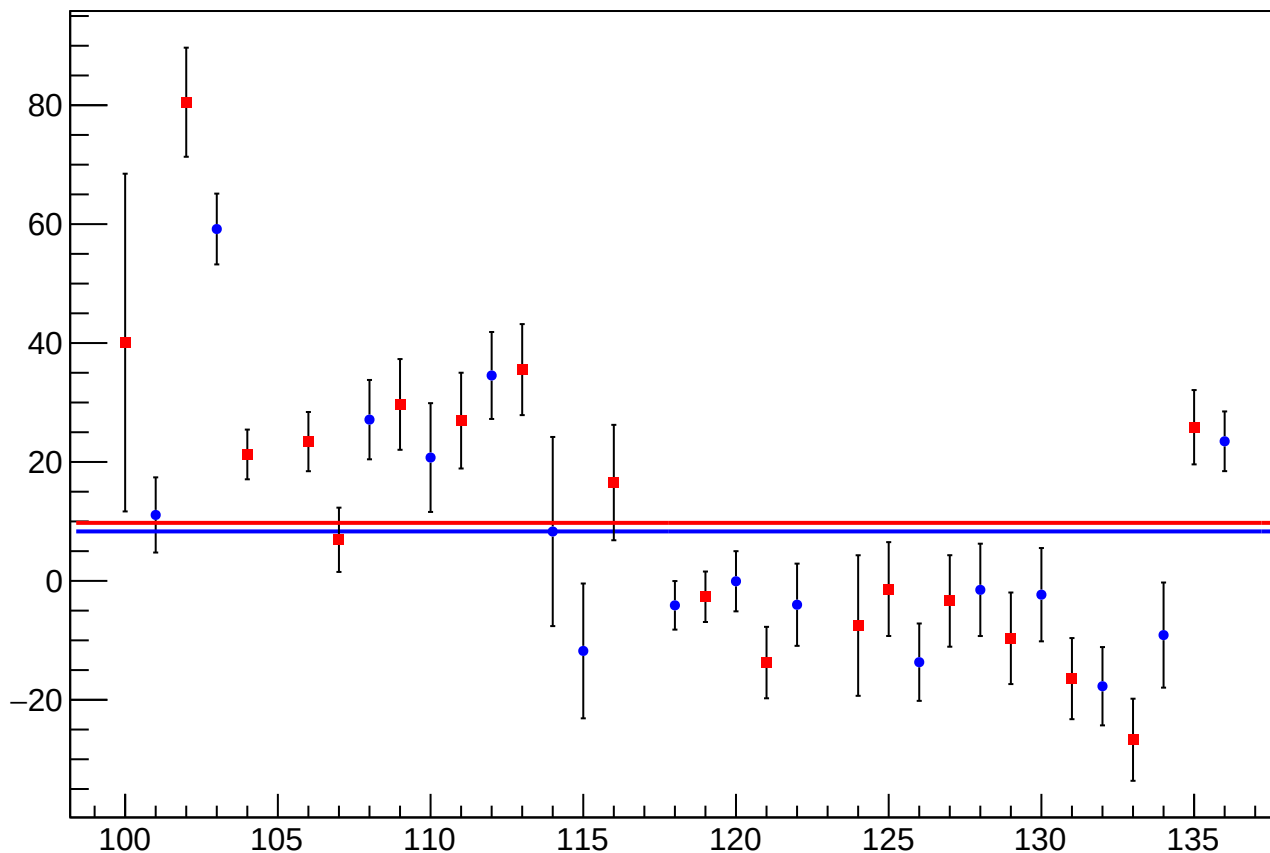
Right: -249.681+/-1.109 χ^2/NDF : 3528.0/33

In: -262.643+/-1.614 χ^2/NDF :1454.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -249.681+/-1.109 χ^2/NDF : 3528.0/33

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: 9.759+/-1.555 χ^2/NDF : 185.7/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

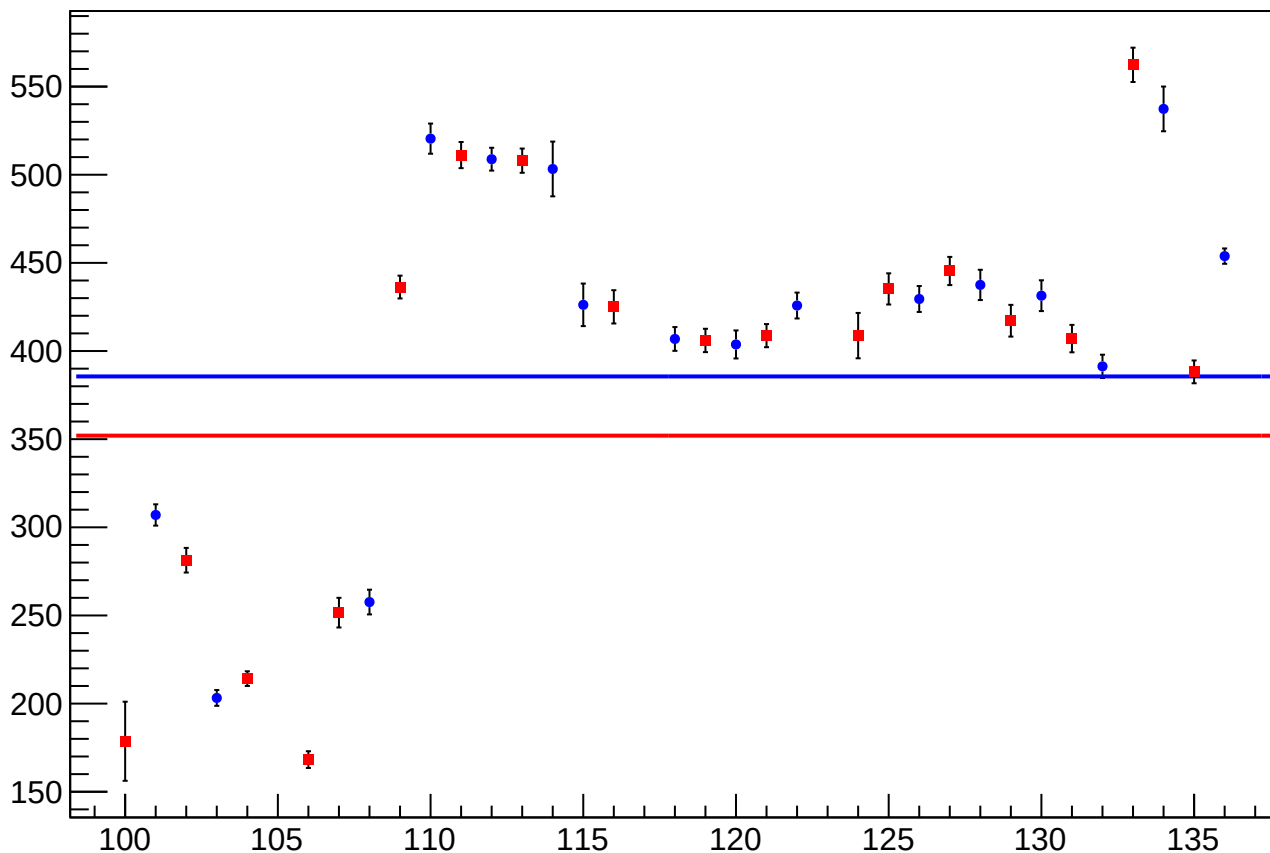
Right: 9.080+/-1.130 χ^2/NDF : 343.8/33

In: 8.320+/-1.644 χ^2/NDF :157.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 9.080+/-1.130 χ^2/NDF : 343.8/33

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: 352.001+/-1.675 χ^2/NDF : 5079.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

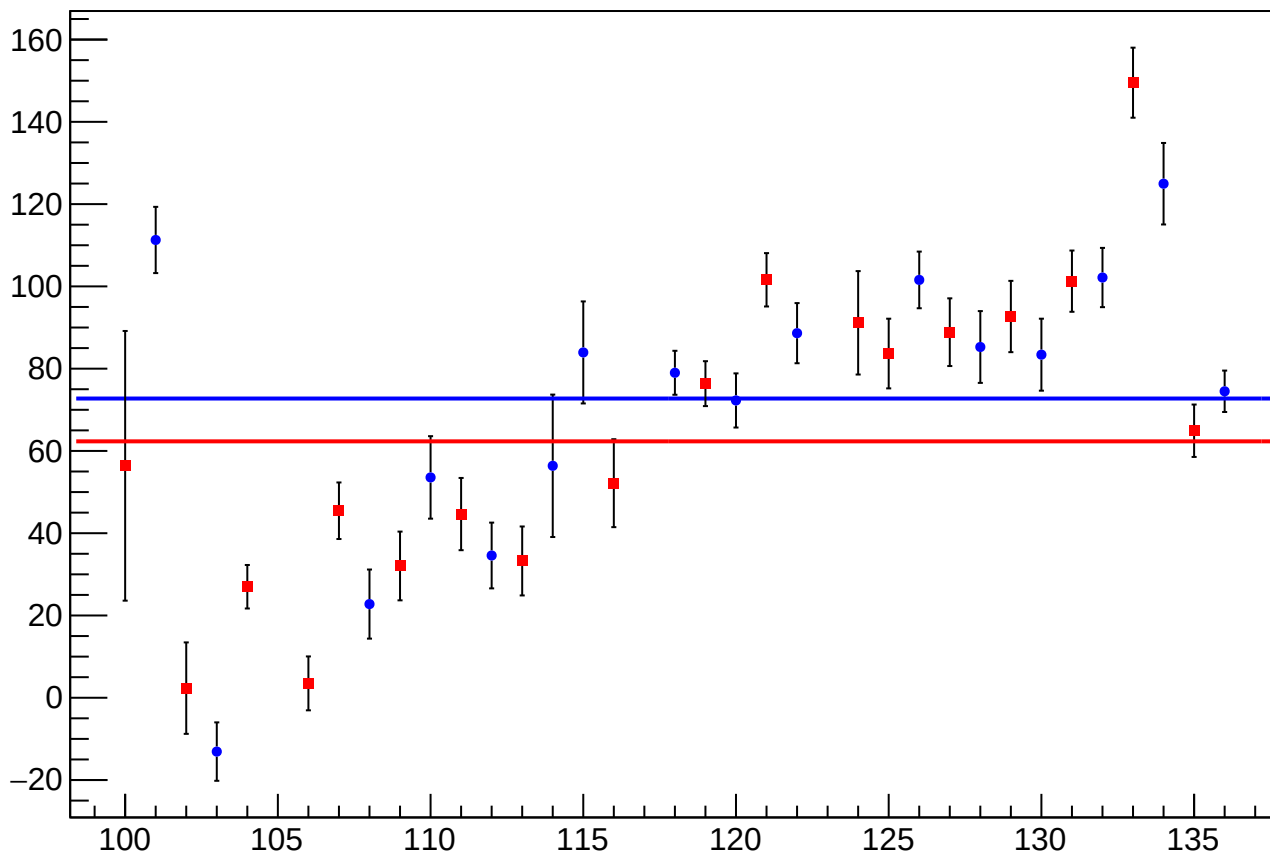
Right: 368.134+/-1.207 χ^2/NDF : 8646.0/33

In: 385.590+/-1.742 χ^2/NDF : 3373.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 368.134+/-1.207 χ^2/NDF : 8646.0/33

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: 62.331+/-1.821 χ^2/NDF : 400.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

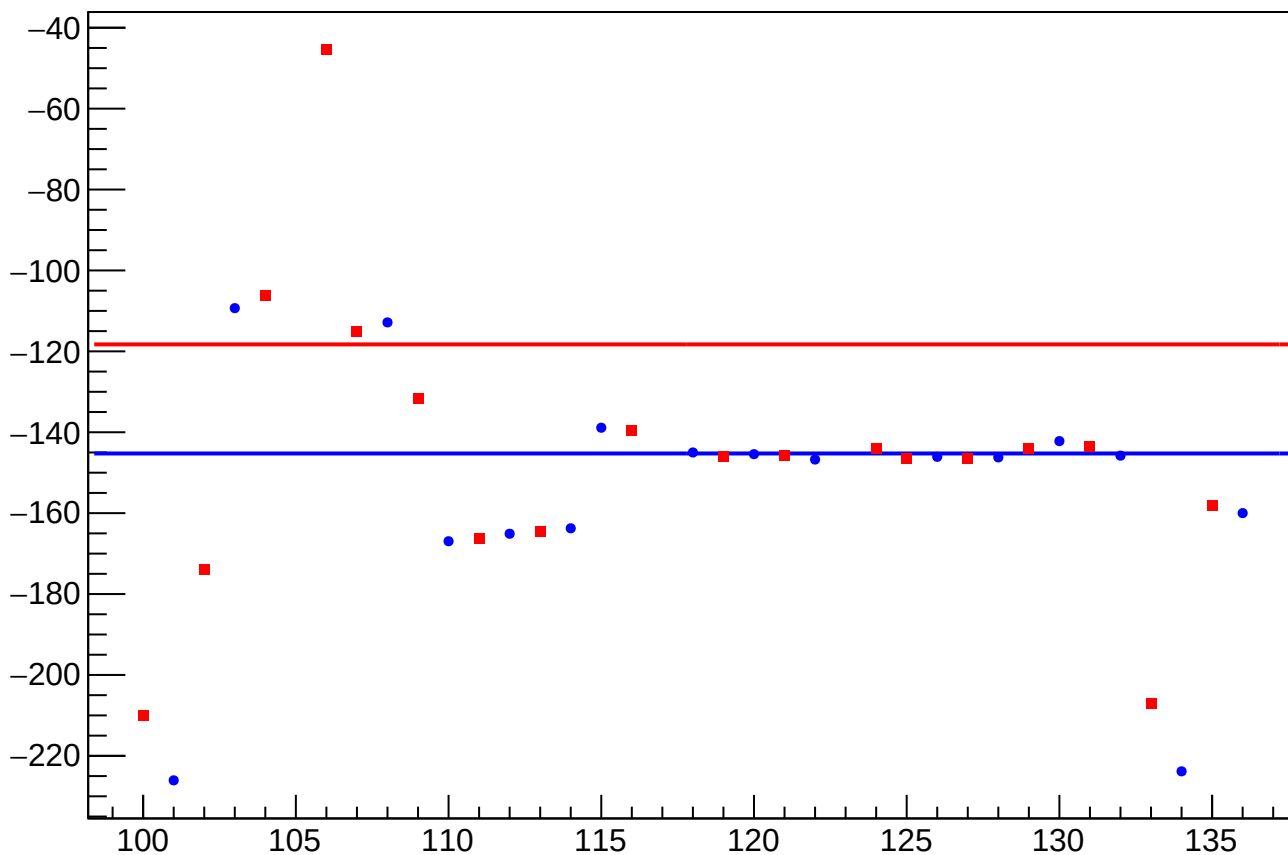
Right: 67.322+/-1.313 χ^2/NDF : 720.6/33

In: 72.740+/-1.897 χ^2/NDF : 304.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.322+/-1.313 χ^2/NDF : 720.6/33

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: -118.281+/-0.091 χ^2/NDF : 261855.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

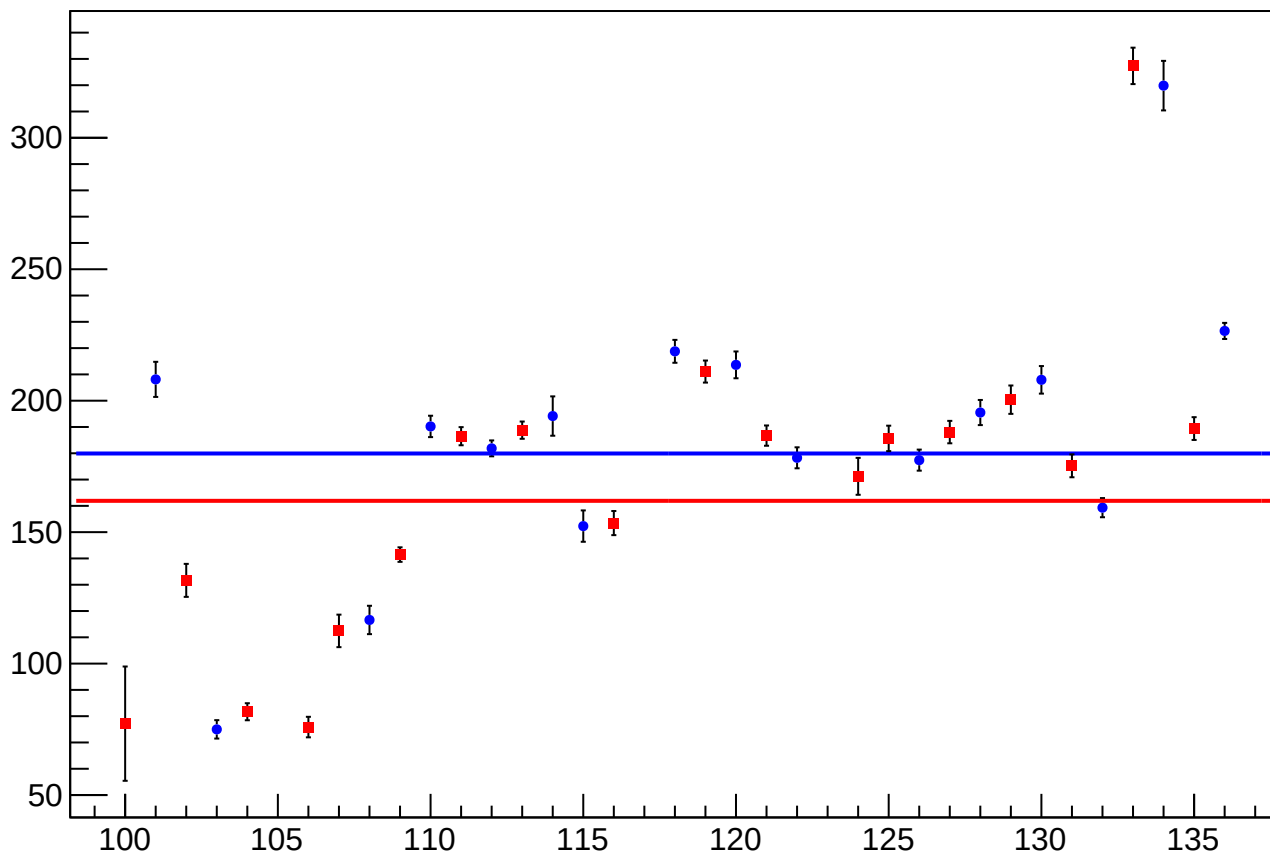
Right: -130.689+/-0.067 χ^2/NDF : 434507.4/33

In: -145.246+/-0.098 χ^2/NDF : 132057.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -130.689+/-0.067 χ^2/NDF : 434507.4/33

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 179.918+/-1.089 χ^2/NDF : 1732.7/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.911+/-1.014 χ^2/NDF : 2290.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

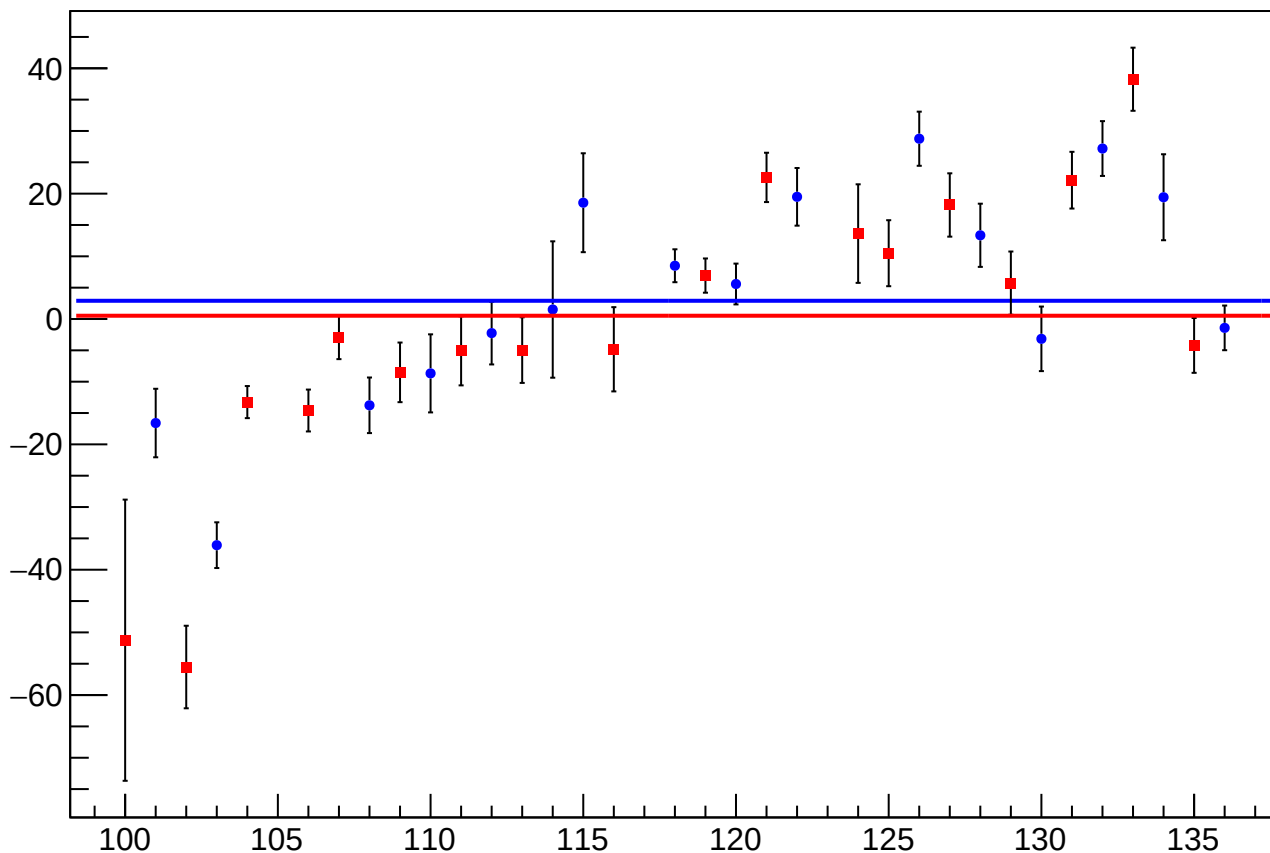
Right: 170.273+/-0.742 χ^2/NDF : 4169.8/33

In: 179.918+/-1.089 χ^2/NDF : 1732.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 170.273+/-0.742 χ^2/NDF : 4169.8/33

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 2.907 $\pm$ 1.105 χ^2 /NDF: 247.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.521 $\pm$ 1.022 χ^2 /NDF: 271.4/17

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

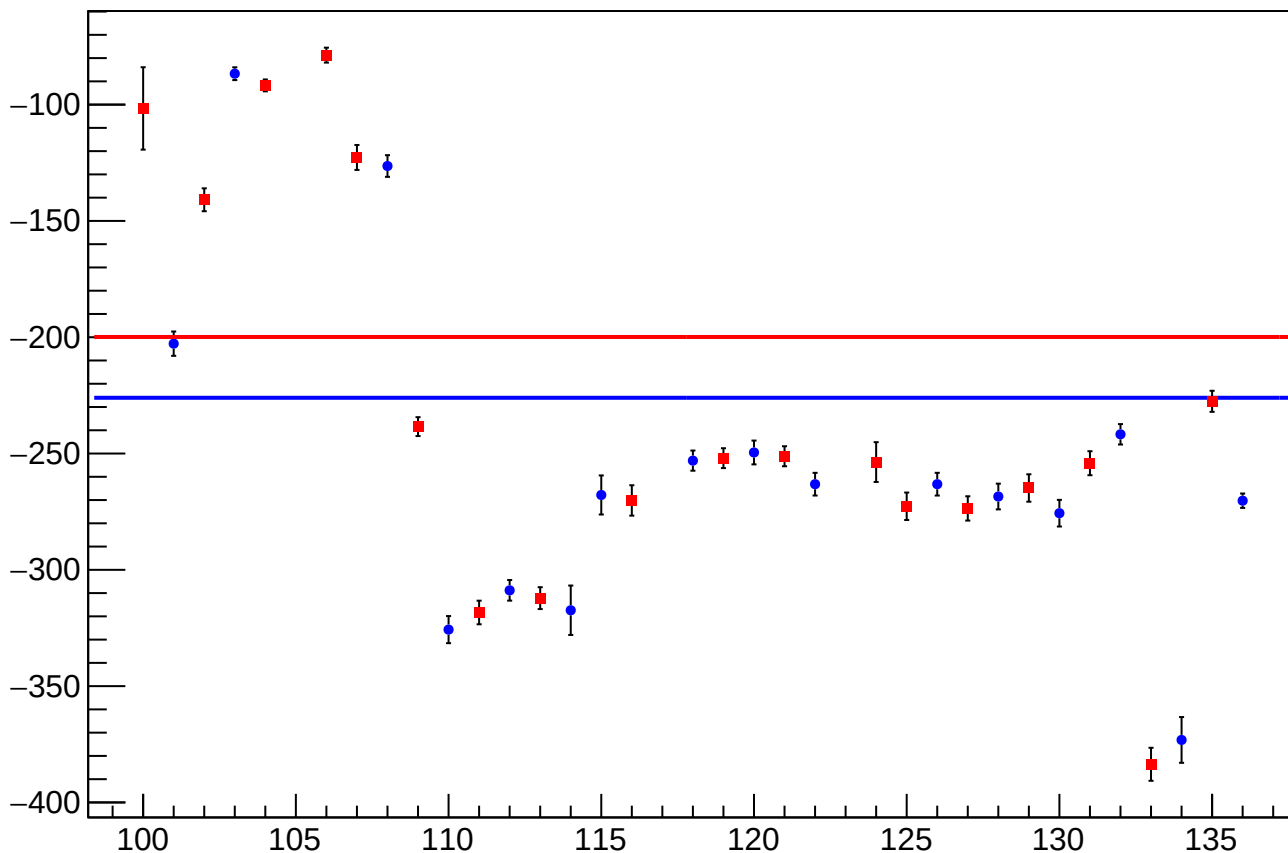
Right: 1.621 $\pm$ 0.750 χ^2 /NDF: 521.4/33

In: 2.907 $\pm$ 1.105 χ^2 /NDF:247.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 1.621 $\pm$ 0.750 χ^2 /NDF: 521.4/33

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -226.028 ± 1.175 $\chi^2/\text{NDF}: 4539.0/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -199.891 ± 1.104 $\chi^2/\text{NDF}: 6539.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

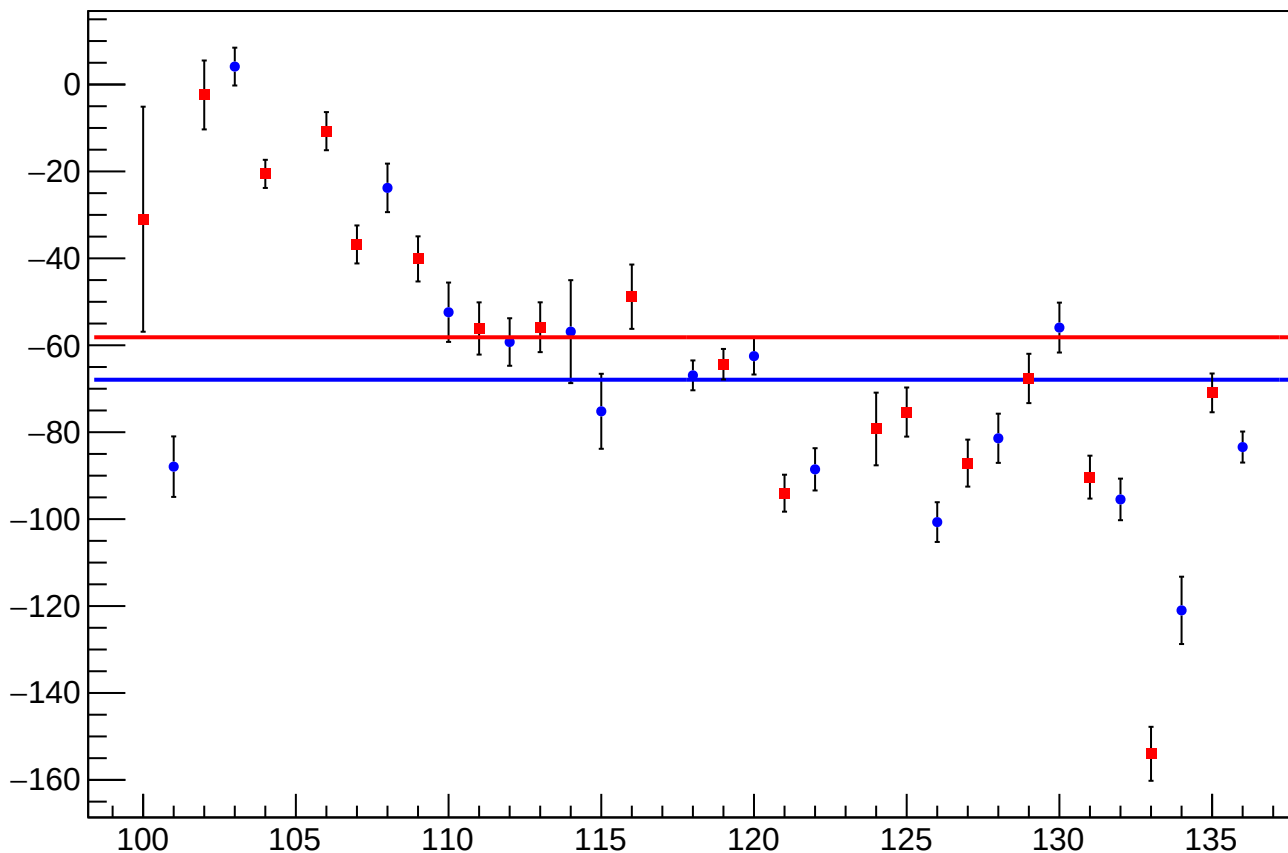
Right: -212.144 ± 0.805 $\chi^2/\text{NDF}: 11341.8/33$

In: -226.028 ± 1.175 $\chi^2/\text{NDF}: 4539.0/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -212.144 ± 0.805 $\chi^2/\text{NDF}: 11341.8/33$

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -67.927 ± 1.278 χ^2/NDF : 534.0/15

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.158 ± 1.199 χ^2/NDF : 750.5/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

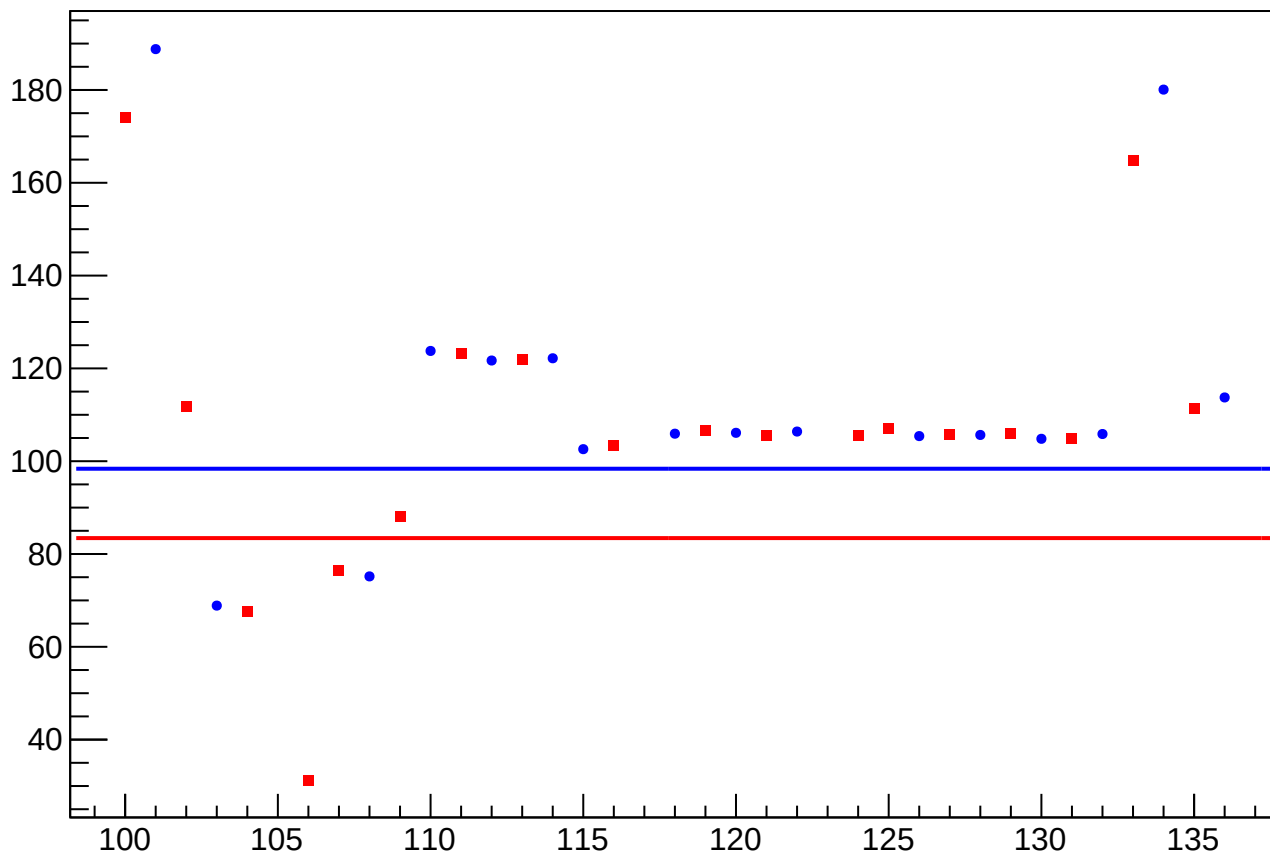
Right: -62.732 ± 0.875 χ^2/NDF : 1315.6/33

In: -67.927 ± 1.278 χ^2/NDF : 534.0/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.732 ± 0.875 χ^2/NDF : 1315.6/33

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: 83.429+/-0.062 χ^2/NDF : 260786.2/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

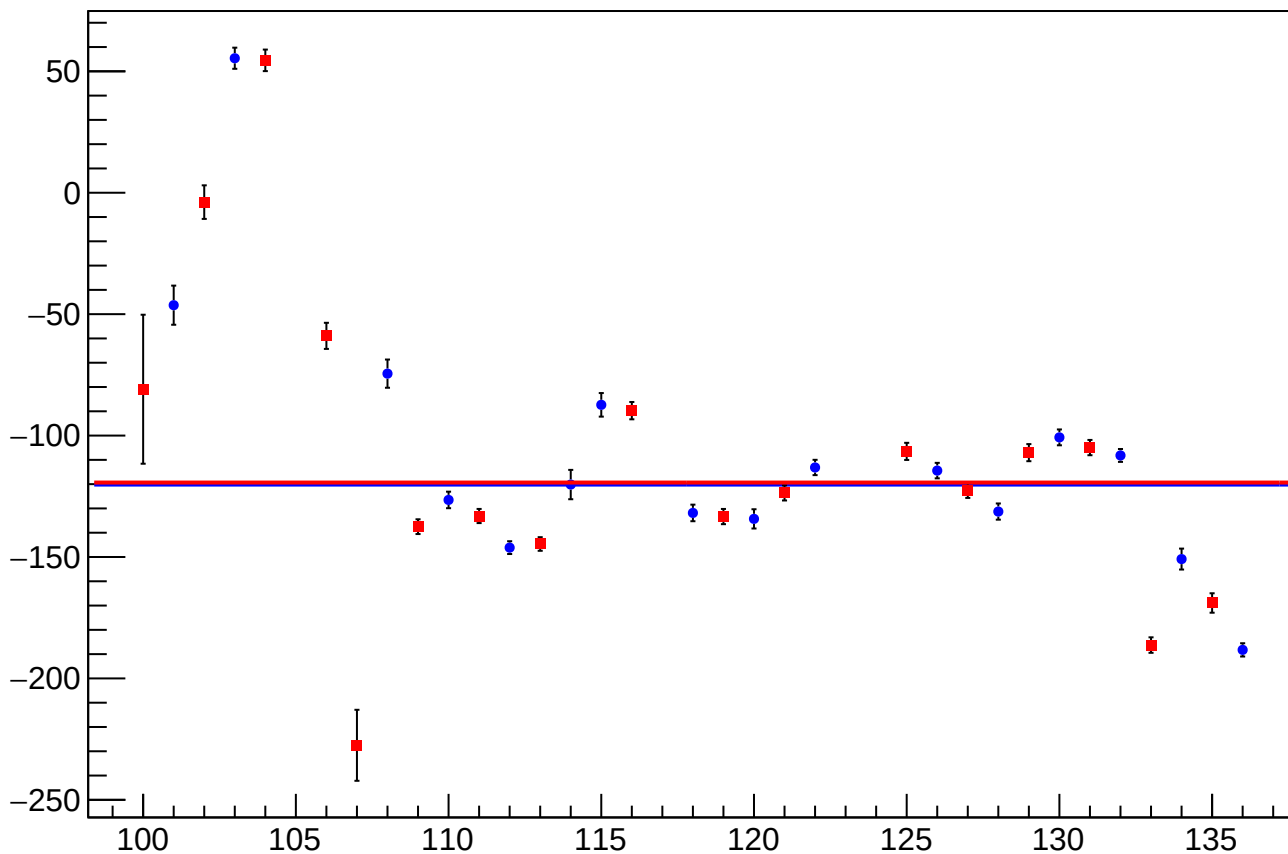
Right: 90.409+/-0.045 χ^2/NDF : 516519.9/33

In: 98.377+/-0.066 χ^2/NDF : 228419.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 90.409+/-0.045 χ^2/NDF : 516519.9/33

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: -119.342+/-0.885 χ^2/NDF : 2869.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

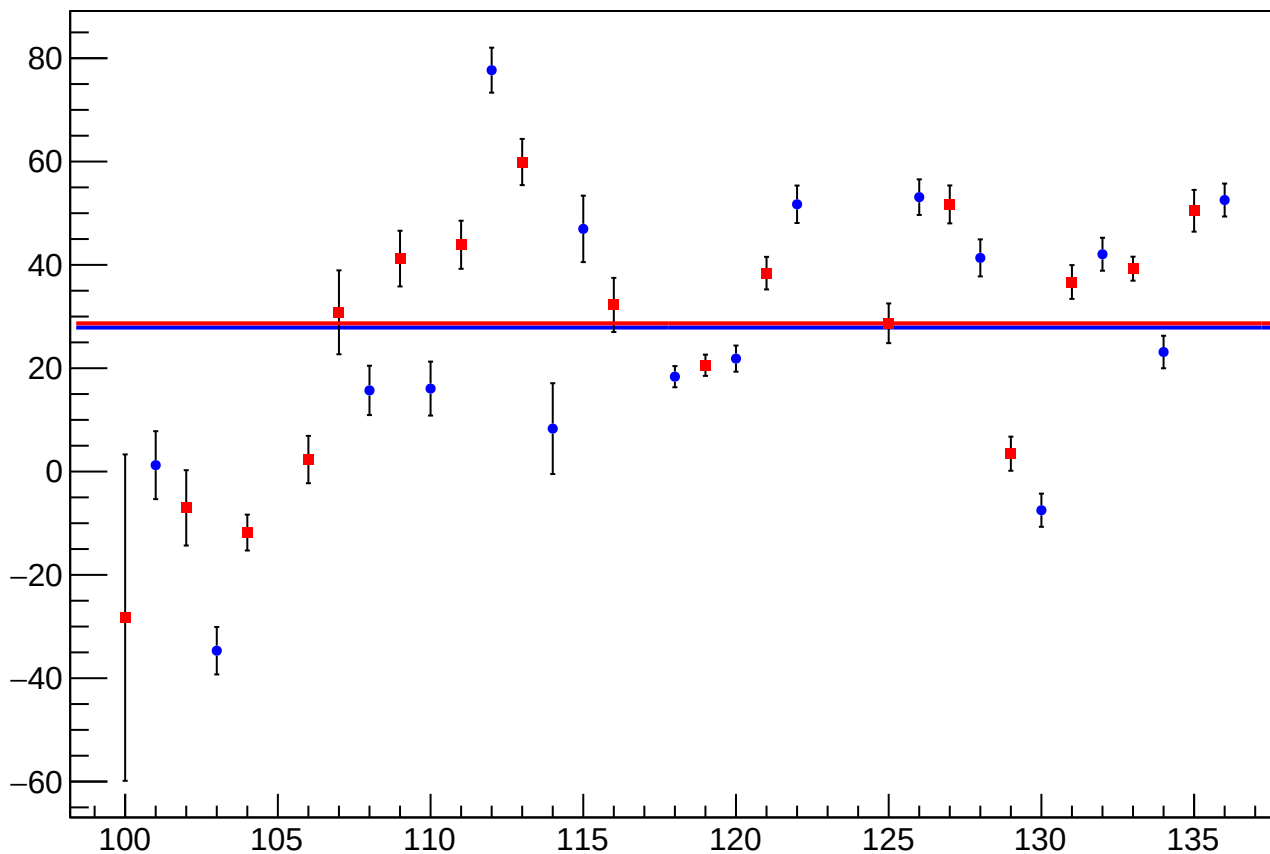
Right: -119.757+/-0.628 χ^2/NDF : 5561.5/32

In: -120.177+/-0.891 χ^2/NDF :2691.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -119.757+/-0.628 χ^2/NDF : 5561.5/32

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: 28.688+/-0.897 χ^2/NDF : 440.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

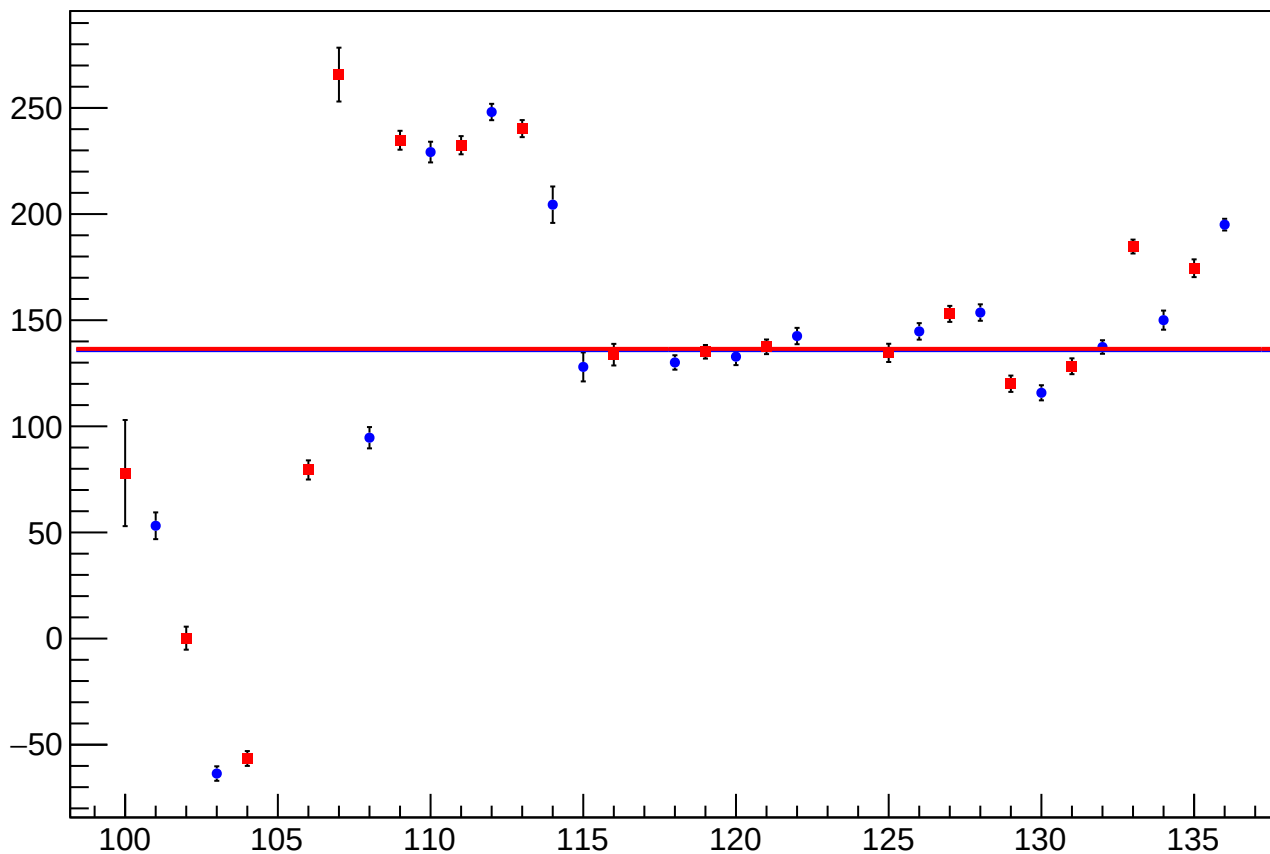
Right: 28.276+/-0.631 χ^2/NDF : 1140.2/32

In: 27.872+/-0.888 χ^2/NDF : 699.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.276+/-0.631 χ^2/NDF : 1140.2/32

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 135.883+/-0.999 χ^2/NDF : 5463.6/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.494+/-1.013 χ^2/NDF : 5943.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

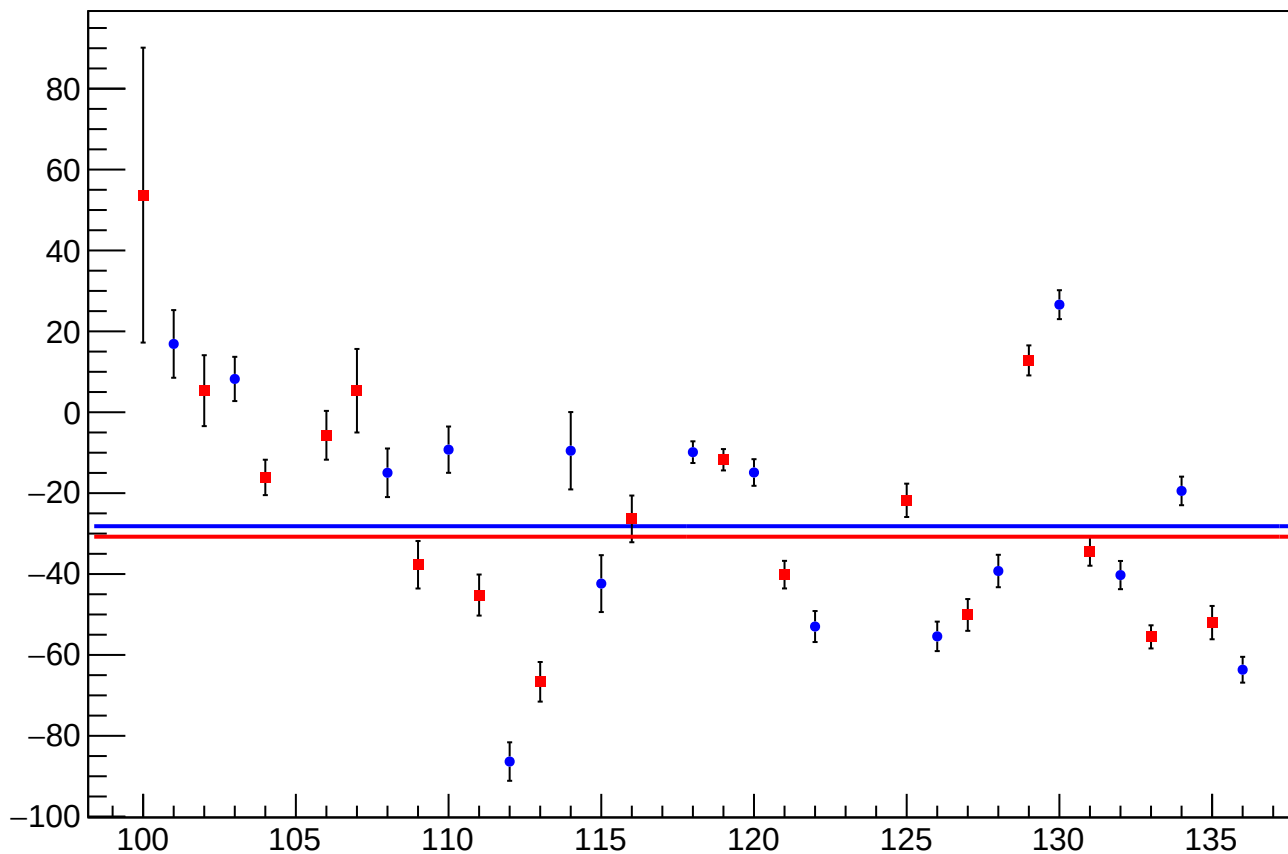
Right: 136.184+/-0.711 χ^2/NDF : 11407.2/32

In: 135.883+/-0.999 χ^2/NDF : 5463.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 136.184+/-0.711 χ^2/NDF : 11407.2/32

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: -30.768+/-1.038 χ^2/NDF : 455.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

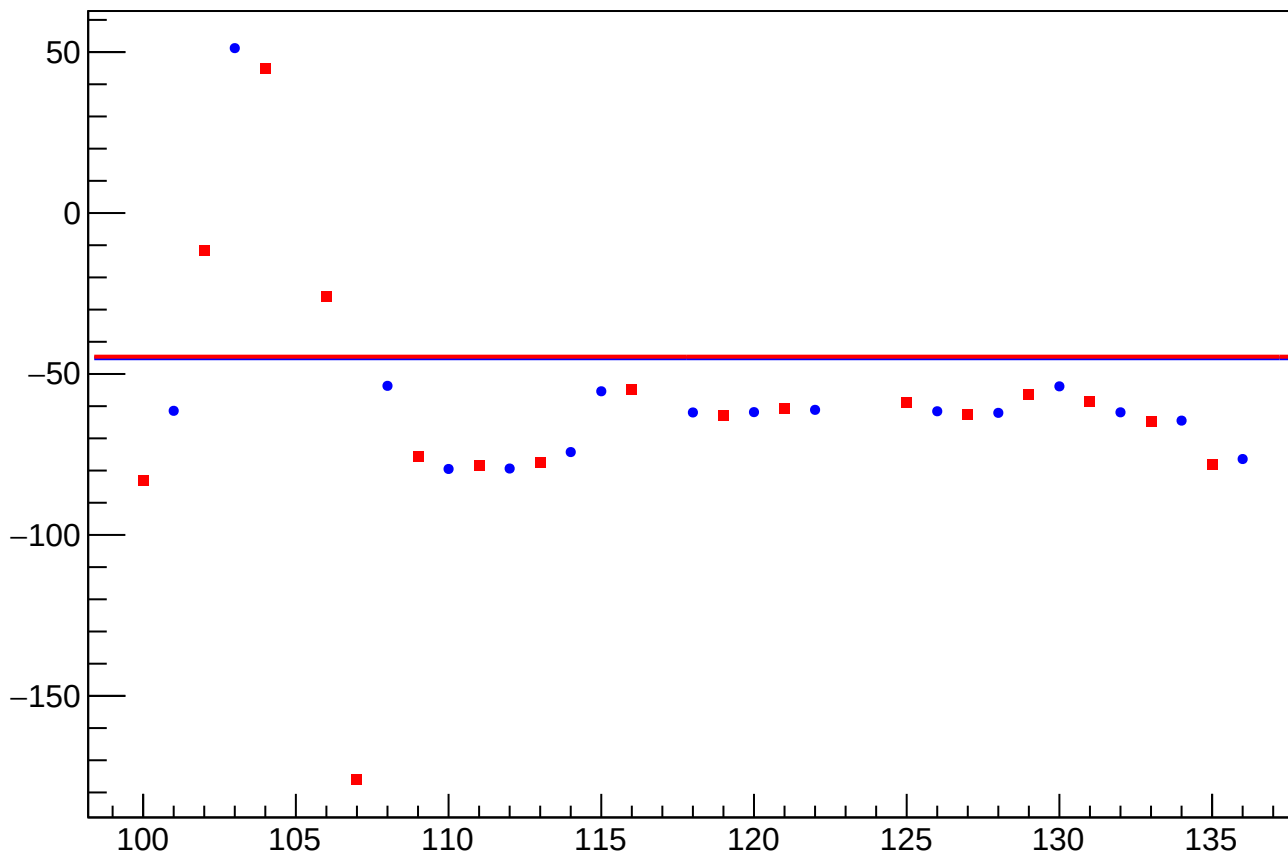
Right: -29.451+/-0.728 χ^2/NDF : 1249.9/32

In: -28.175+/-1.022 χ^2/NDF : 791.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.451+/-0.728 χ^2/NDF : 1249.9/32

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -45.106+/-0.060 χ^2/NDF : 575184.2/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.623+/-0.064 χ^2/NDF : 479626.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

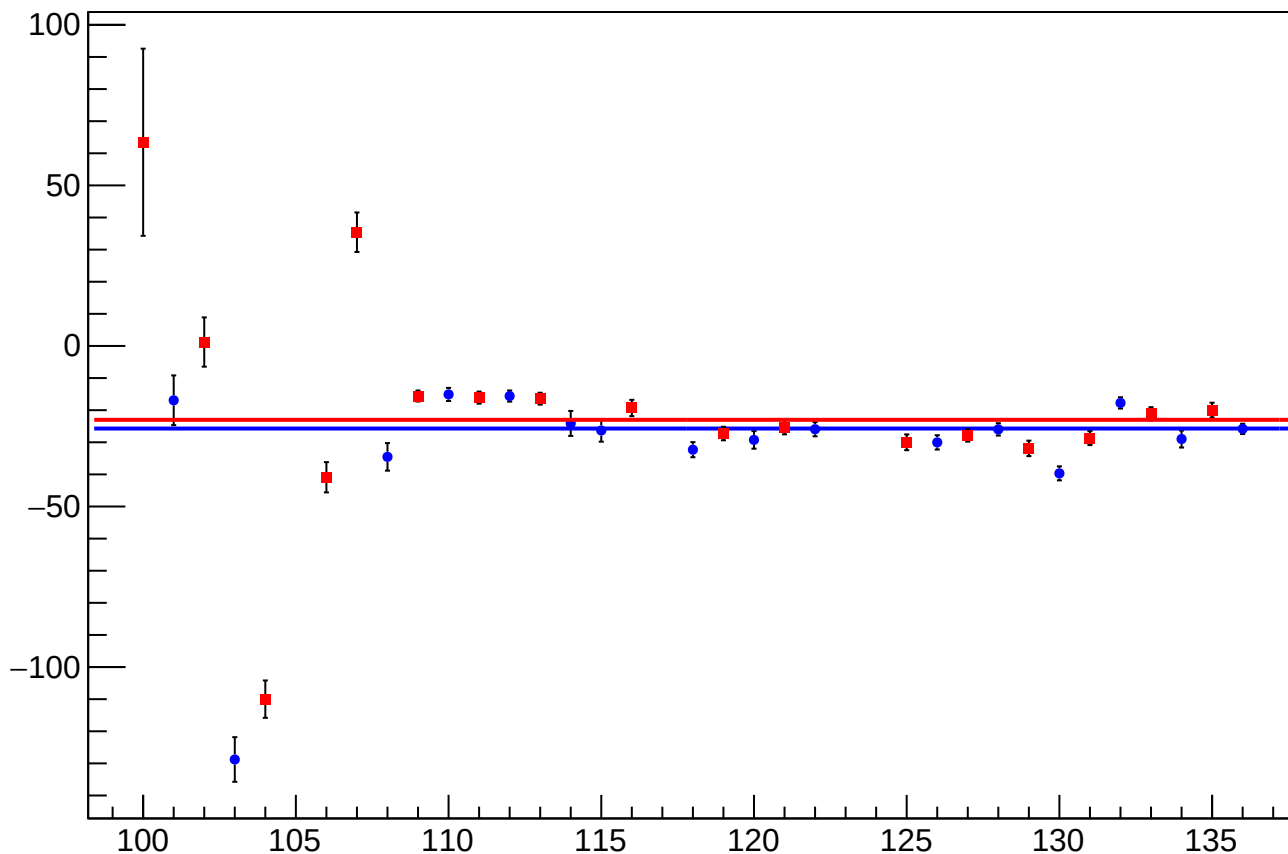
Right: -44.879+/-0.044 χ^2/NDF : 1054840.9/32

In: -45.106+/-0.060 χ^2/NDF : 575184.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -44.879+/-0.044 χ^2/NDF : 1054840.9/32

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -25.721+/-0.590 χ^2/NDF : 363.0/15

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -22.999+/-0.591 χ^2/NDF : 436.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

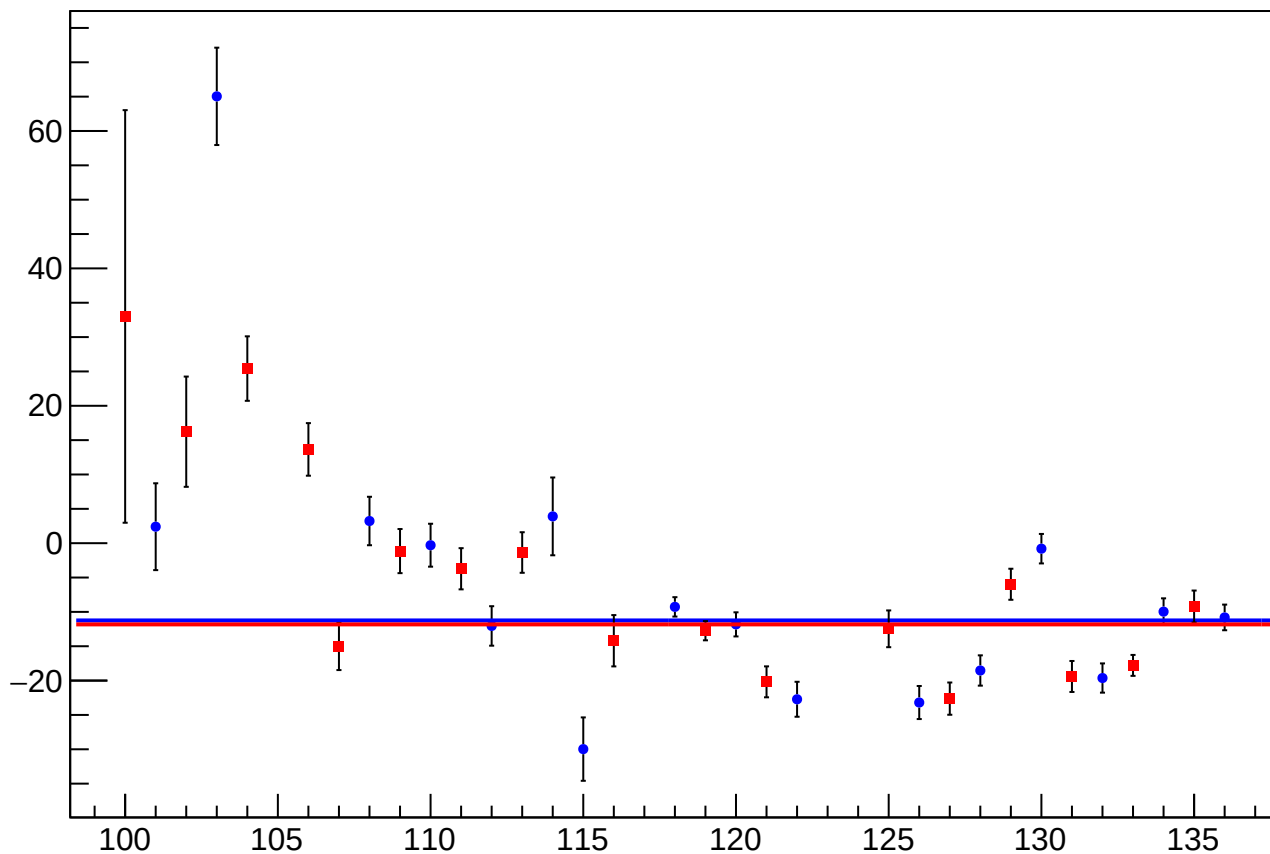
Right: -24.362+/-0.418 χ^2/NDF : 810.1/32

In: -25.721+/-0.590 χ^2/NDF :363.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -24.362+/-0.418 χ^2/NDF : 810.1/32

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -11.246 $\pm$ 0.600 χ^2 /NDF: 271.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -11.820 $\pm$ 0.614 χ^2 /NDF: 223.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

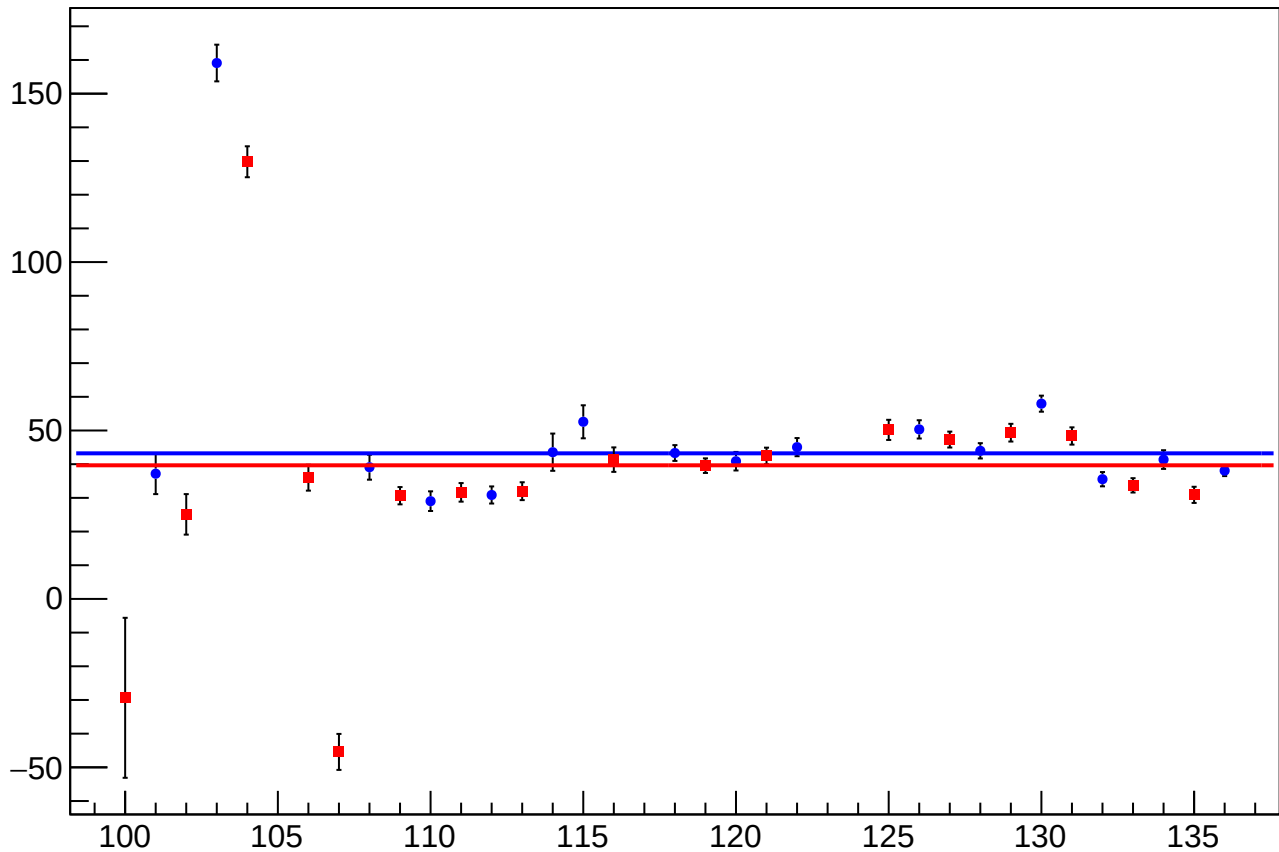
Right: -11.526 $\pm$ 0.429 χ^2 /NDF: 495.5/32

In: -11.246 $\pm$ 0.600 χ^2 /NDF:271.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -11.526 $\pm$ 0.429 χ^2 /NDF: 495.5/32

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: 39.668+/-0.700 χ^2/NDF : 753.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

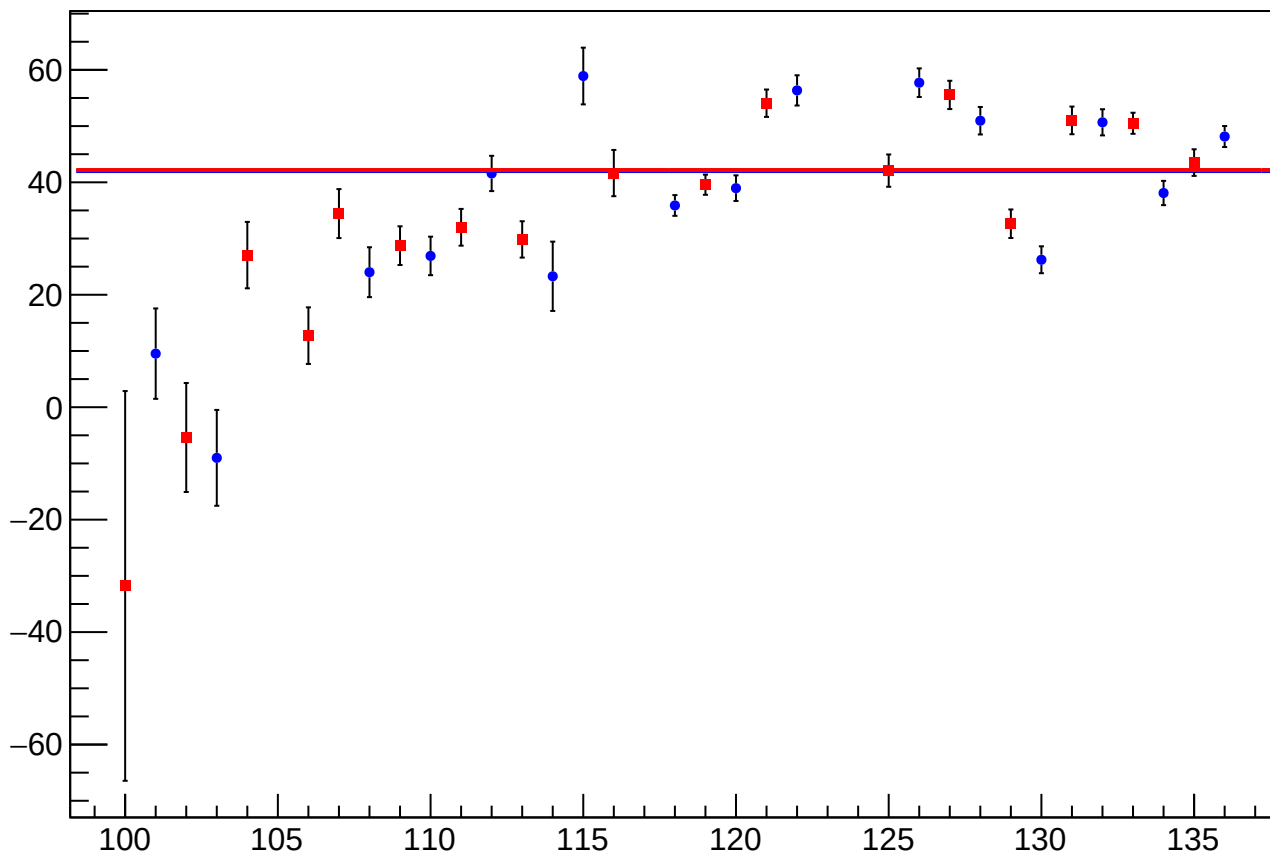
Right: 41.501+/-0.487 χ^2/NDF : 1343.0/32

In: 43.222+/-0.678 χ^2/NDF : 576.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.501+/-0.487 χ^2/NDF : 1343.0/32

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: 42.186+/-0.706 χ^2/NDF : 213.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

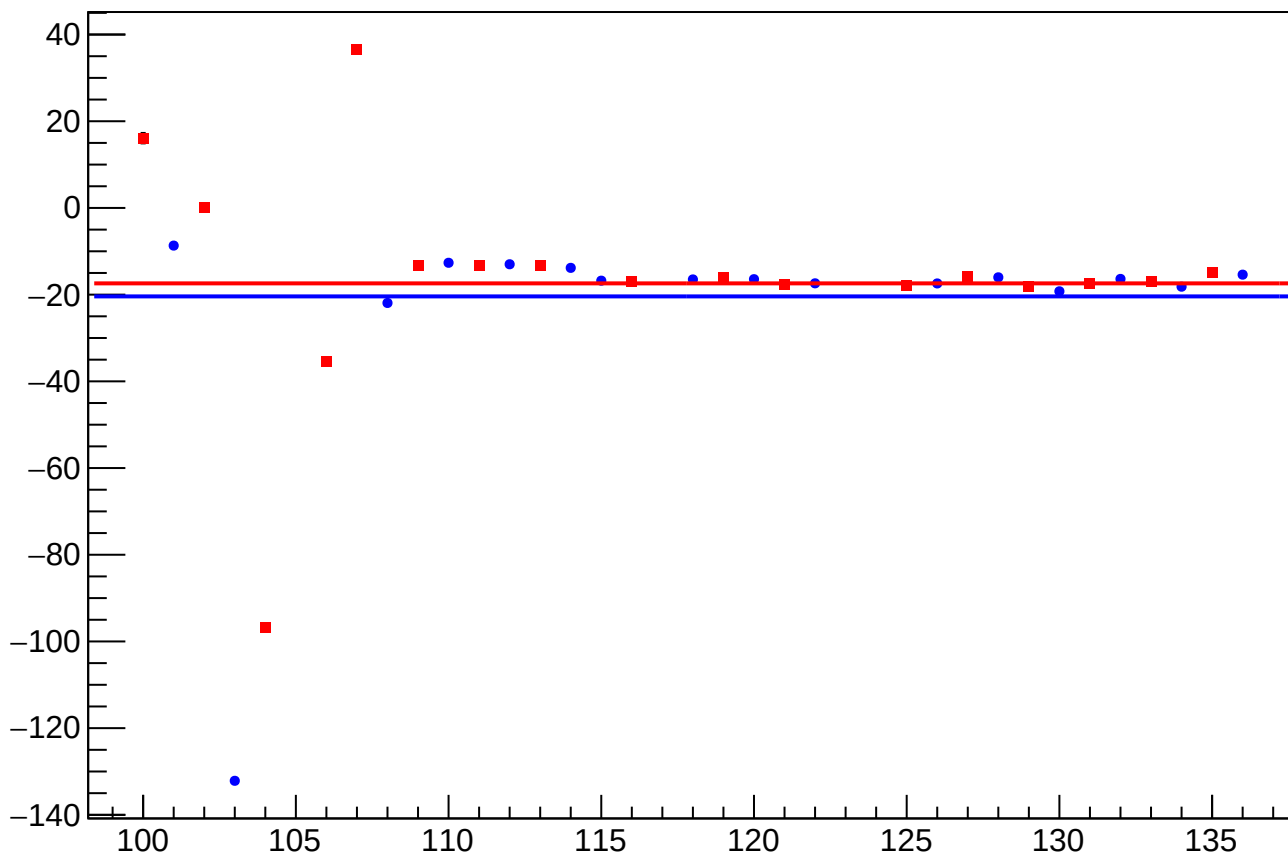
Right: 42.093+/-0.491 χ^2/NDF : 486.2/32

In: 42.006+/-0.684 χ^2/NDF : 272.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.093+/-0.491 χ^2/NDF : 486.2/32

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -20.405 $\pm$ 0.042 χ^2 /NDF: 245611.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -17.400 $\pm$ 0.046 χ^2 /NDF: 204478.3/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

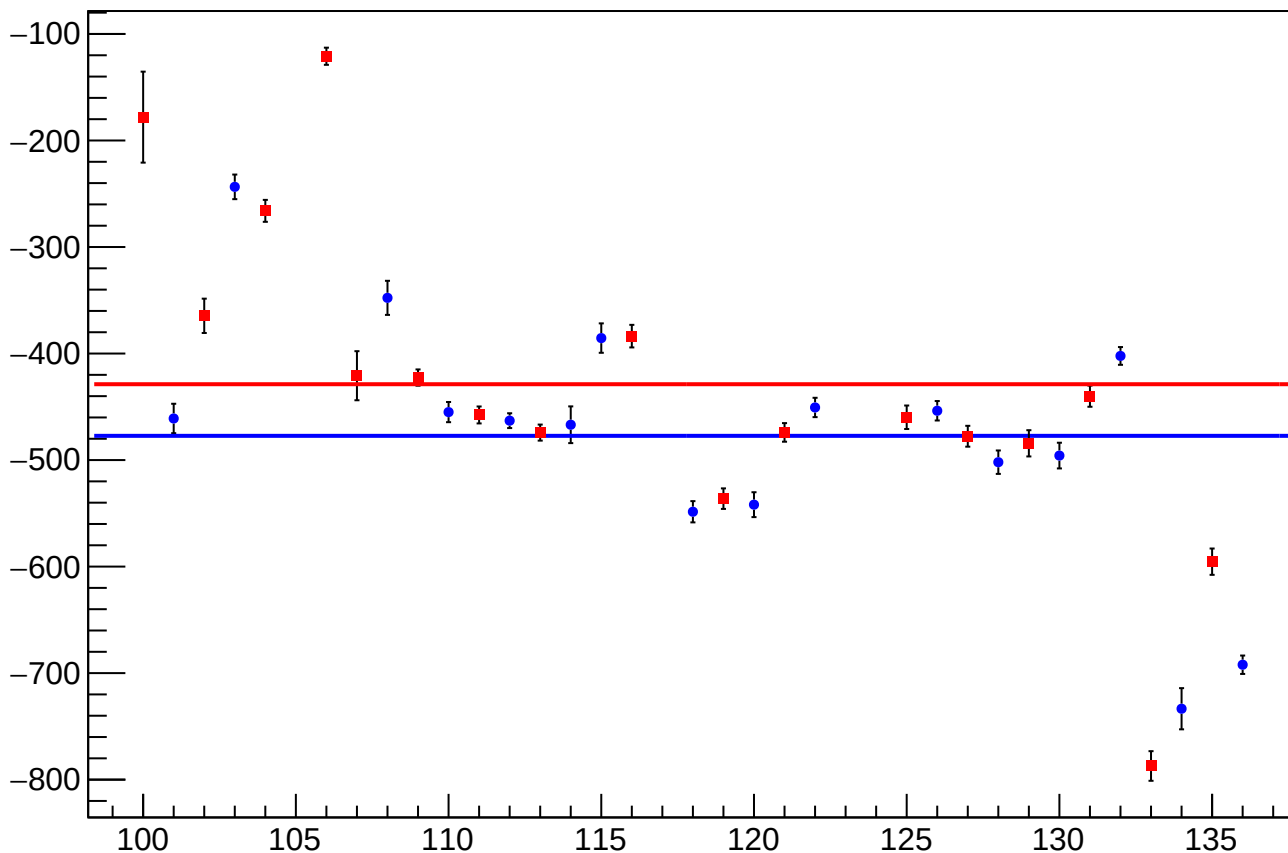
Right: -19.034 $\pm$ 0.031 χ^2 /NDF: 452436.1/32

In: -20.405 $\pm$ 0.042 χ^2 /NDF:245611.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -19.034 $\pm$ 0.031 χ^2 /NDF: 452436.1/32

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: -428.796+/-2.487 χ^2/NDF : 2883.1/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

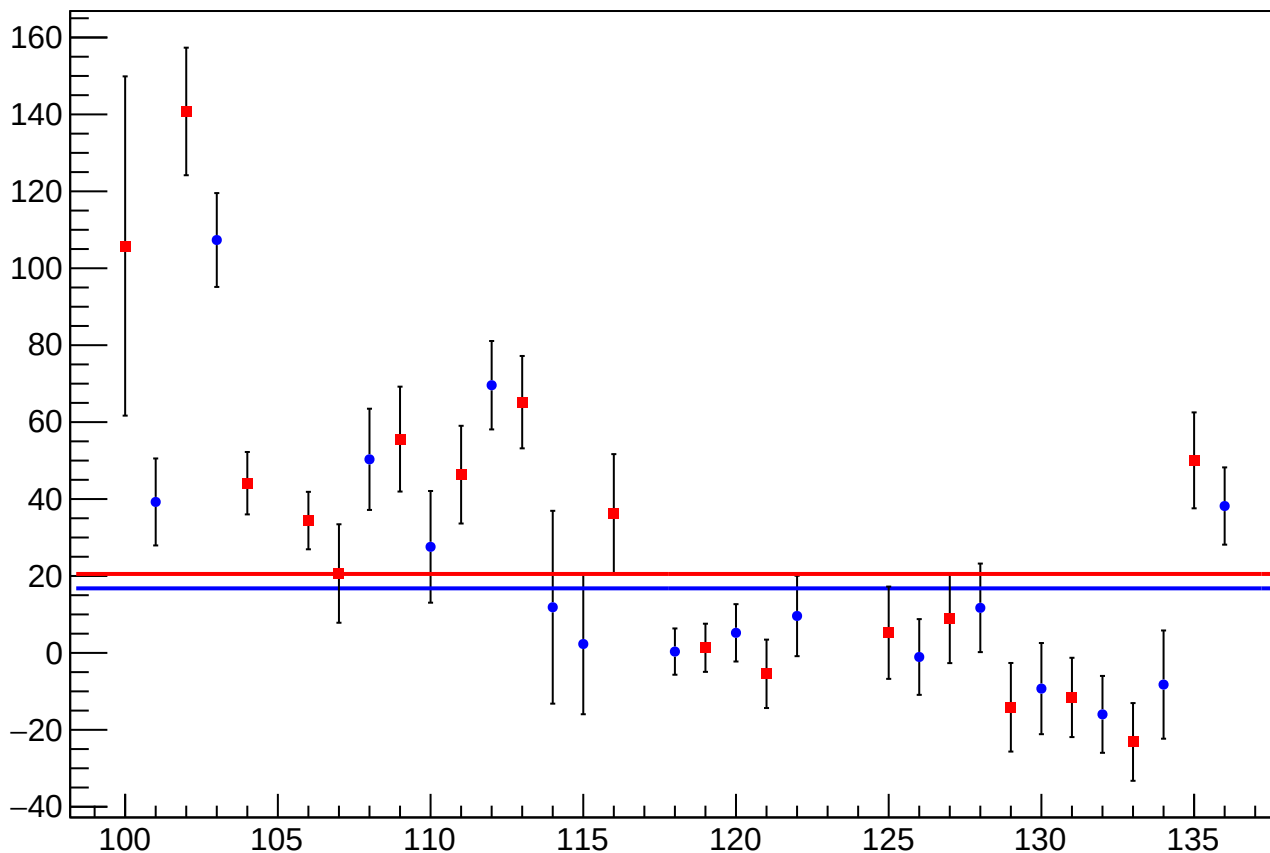
Right: -451.643+/-1.808 χ^2/NDF : 4572.9/32

In: -477.255+/-2.633 χ^2/NDF :1510.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -451.643+/-1.808 χ^2/NDF : 4572.9/32

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: 20.525+/-2.567 χ^2/NDF : 157.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

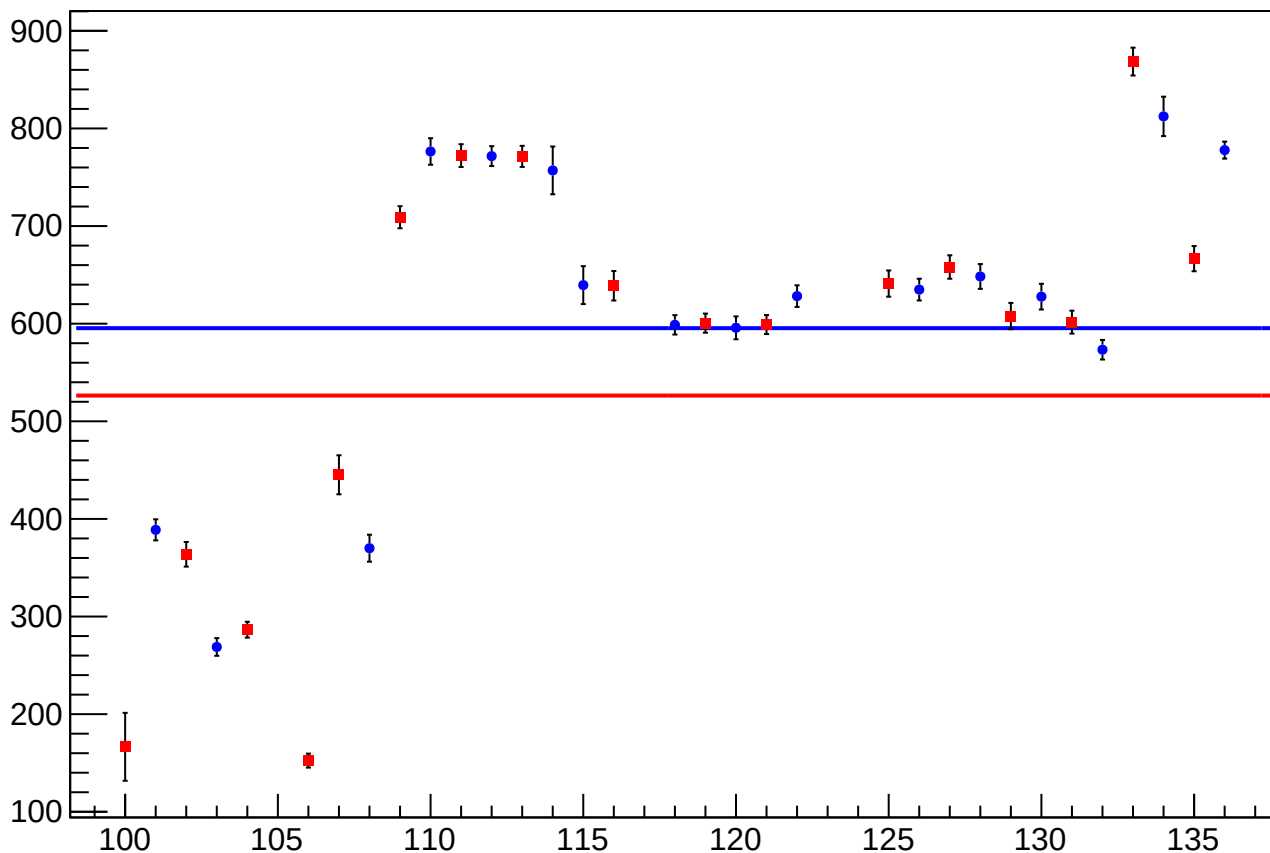
Right: 18.715+/-1.845 χ^2/NDF : 283.4/32

In: 16.780+/-2.654 χ^2/NDF : 125.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 18.715+/-1.845 χ^2/NDF : 283.4/32

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: 526.370+/-2.779 χ^2/NDF : 6237.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

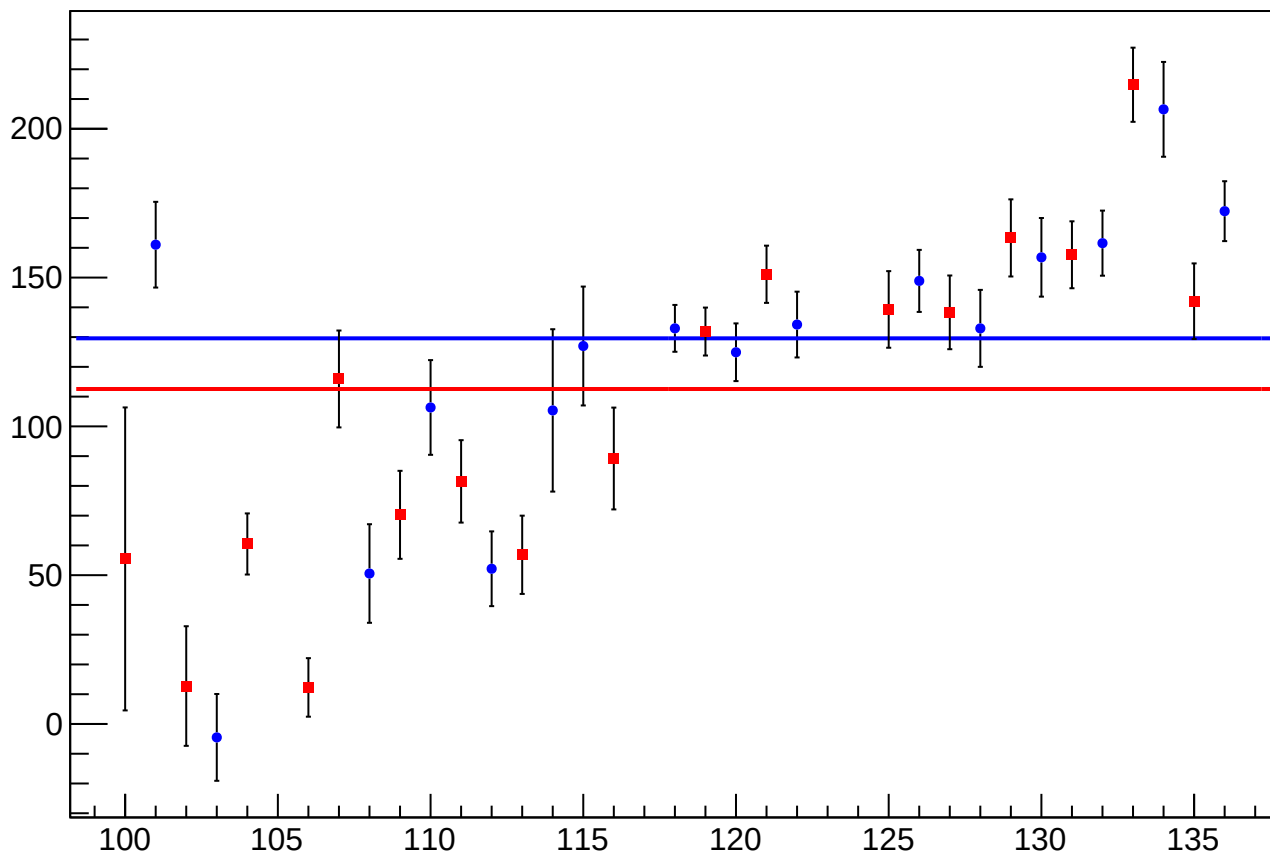
Right: 559.063+/-2.016 χ^2/NDF : 9589.5/32

In: 595.406+/-2.930 χ^2/NDF : 3059.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 559.063+/-2.016 χ^2/NDF : 9589.5/32

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: 112.561+/-3.005 χ^2/NDF : 323.2/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

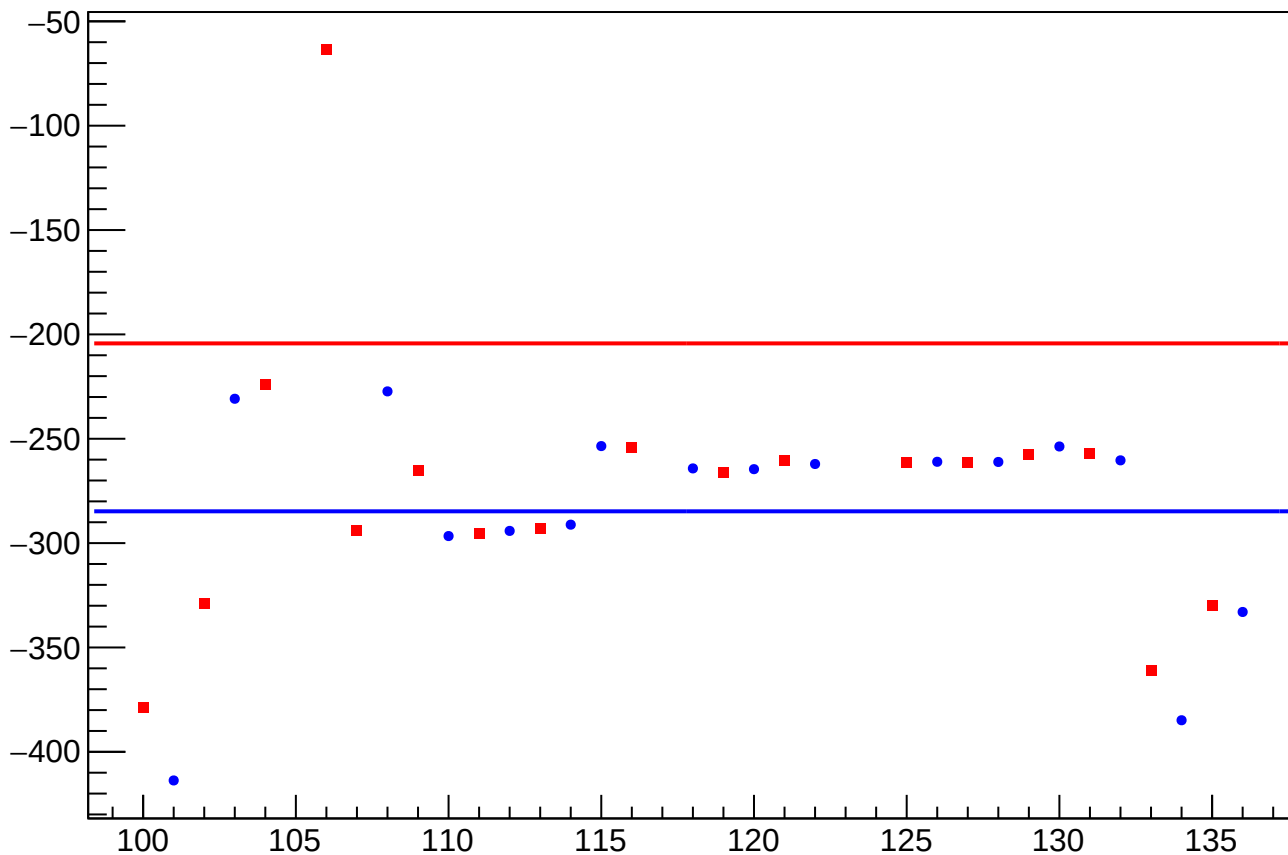
Right: 120.862+/-2.151 χ^2/NDF : 550.1/32

In: 129.586+/-3.081 χ^2/NDF :211.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 120.862+/-2.151 χ^2/NDF : 550.1/32

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: -204.312+/-0.151 χ^2/NDF : 516501.3/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

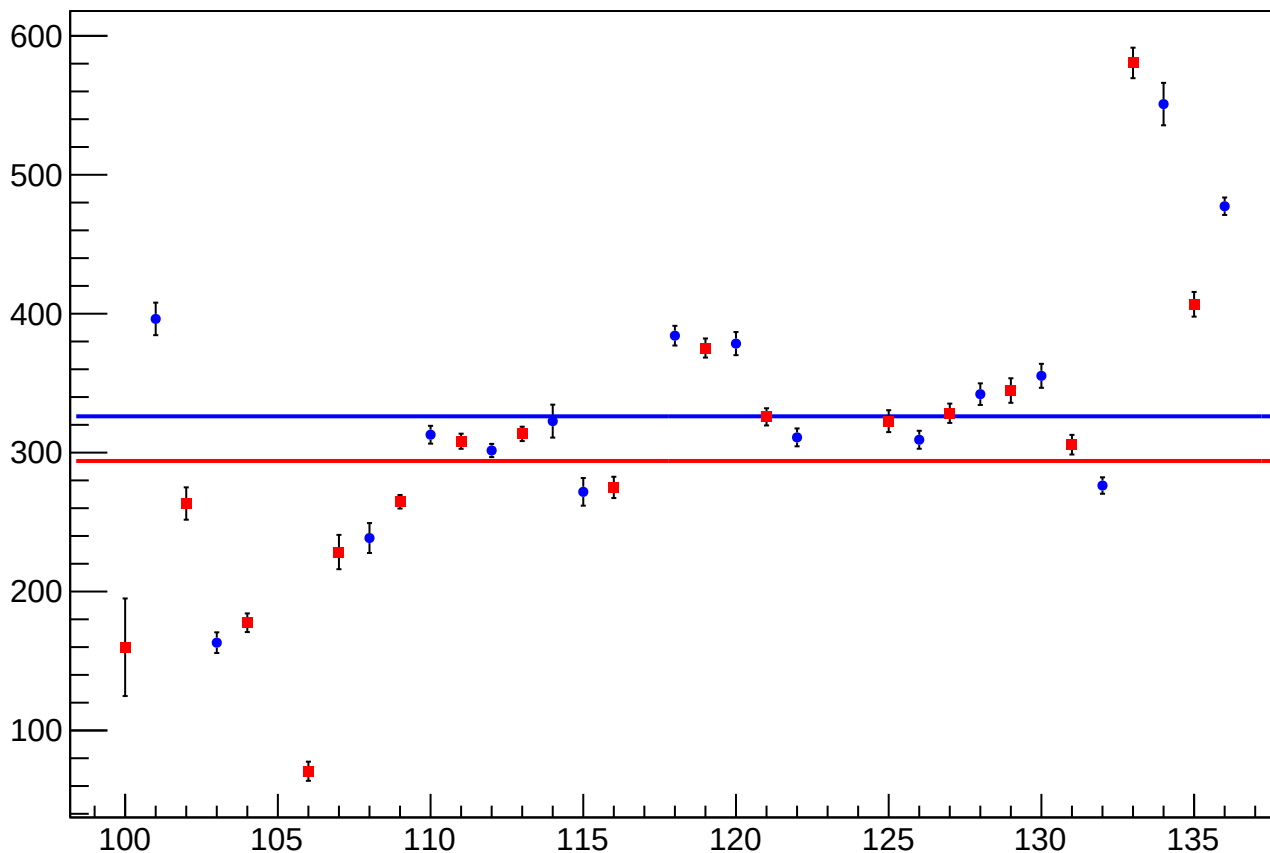
Right: -238.062+/-0.115 χ^2/NDF : 740058.2/32

In: -284.765+/-0.178 χ^2/NDF :104370.4/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -238.062+/-0.115 χ^2/NDF : 740058.2/32

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: 293.995+/-1.750 χ^2/NDF : 2546.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

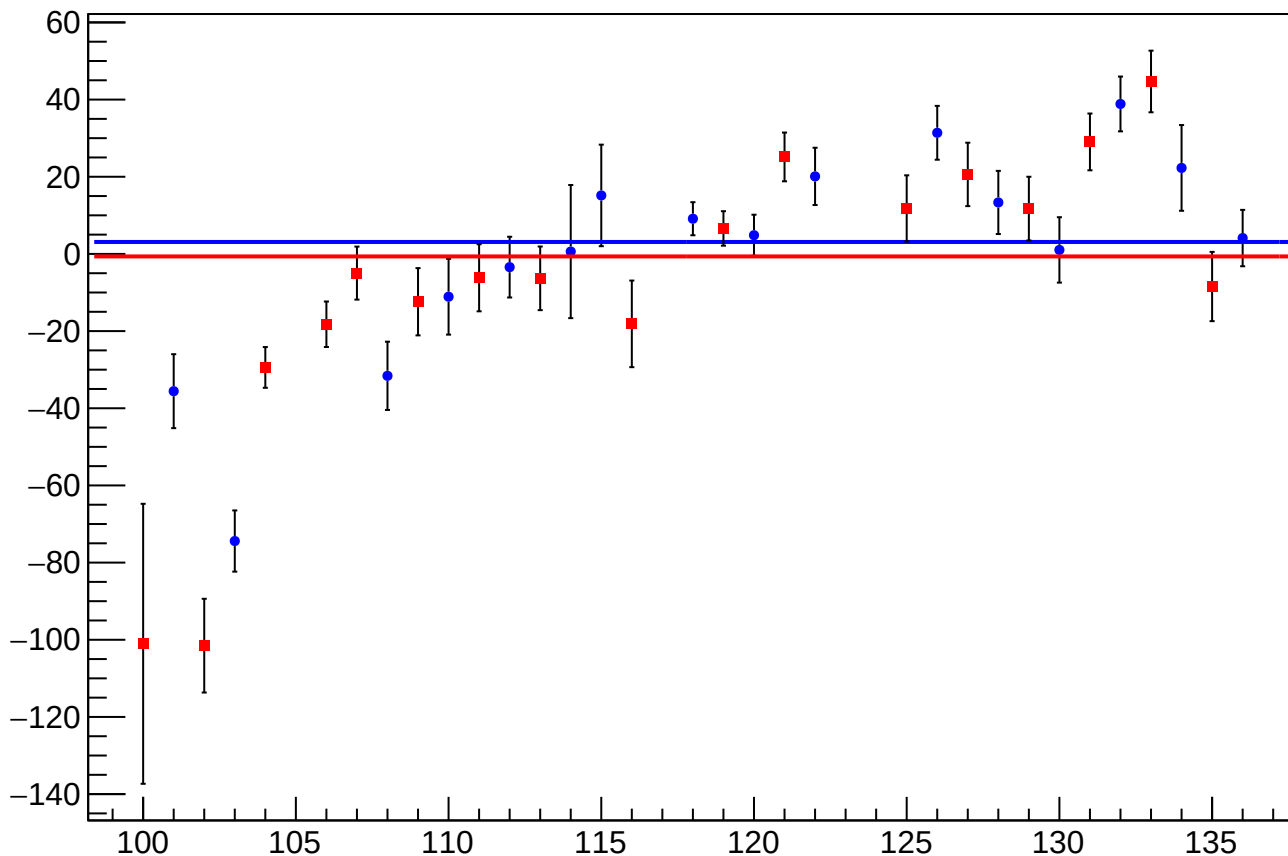
Right: 309.117+/-1.274 χ^2/NDF : 4348.5/32

In: 326.133+/-1.857 χ^2/NDF :1642.9/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 309.117+/-1.274 χ^2/NDF : 4348.5/32

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: -0.650+/-1.804 χ^2/NDF : 200.4/16

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+/-1.306 χ^2/NDF : 387.0/32

In: 3.101+/-1.892 χ^2/NDF : 184.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.136+/-1.306 χ^2/NDF : 387.0/32

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: -359.751+/-1.965 χ^2/NDF : 5983.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

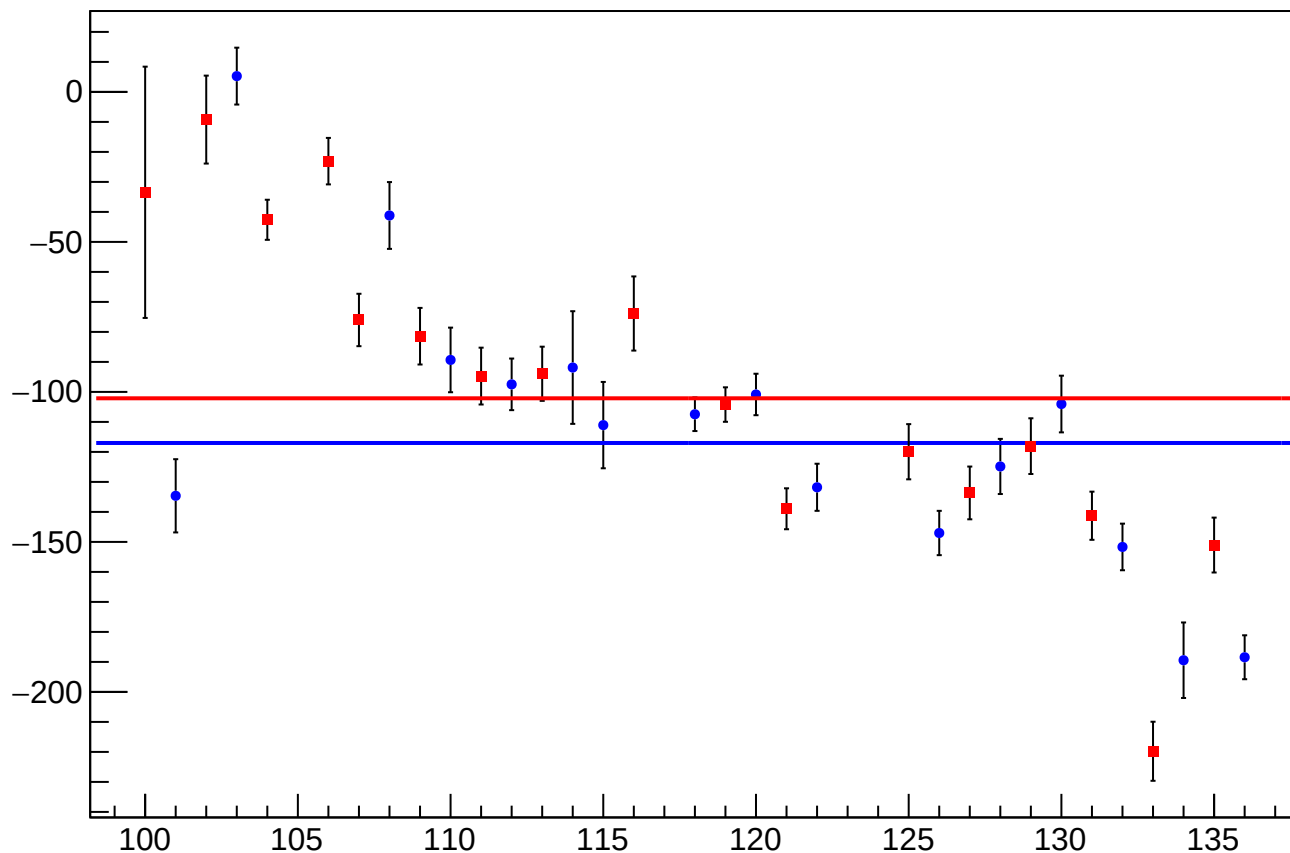
Right: -382.376+/-1.426 χ^2/NDF : 9544.6/32

In: -407.575+/-2.074 χ^2/NDF : 3280.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -382.376+/-1.426 χ^2/NDF : 9544.6/32

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: -102.130 $\pm$ 2.111 χ^2 /NDF: 490.7/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

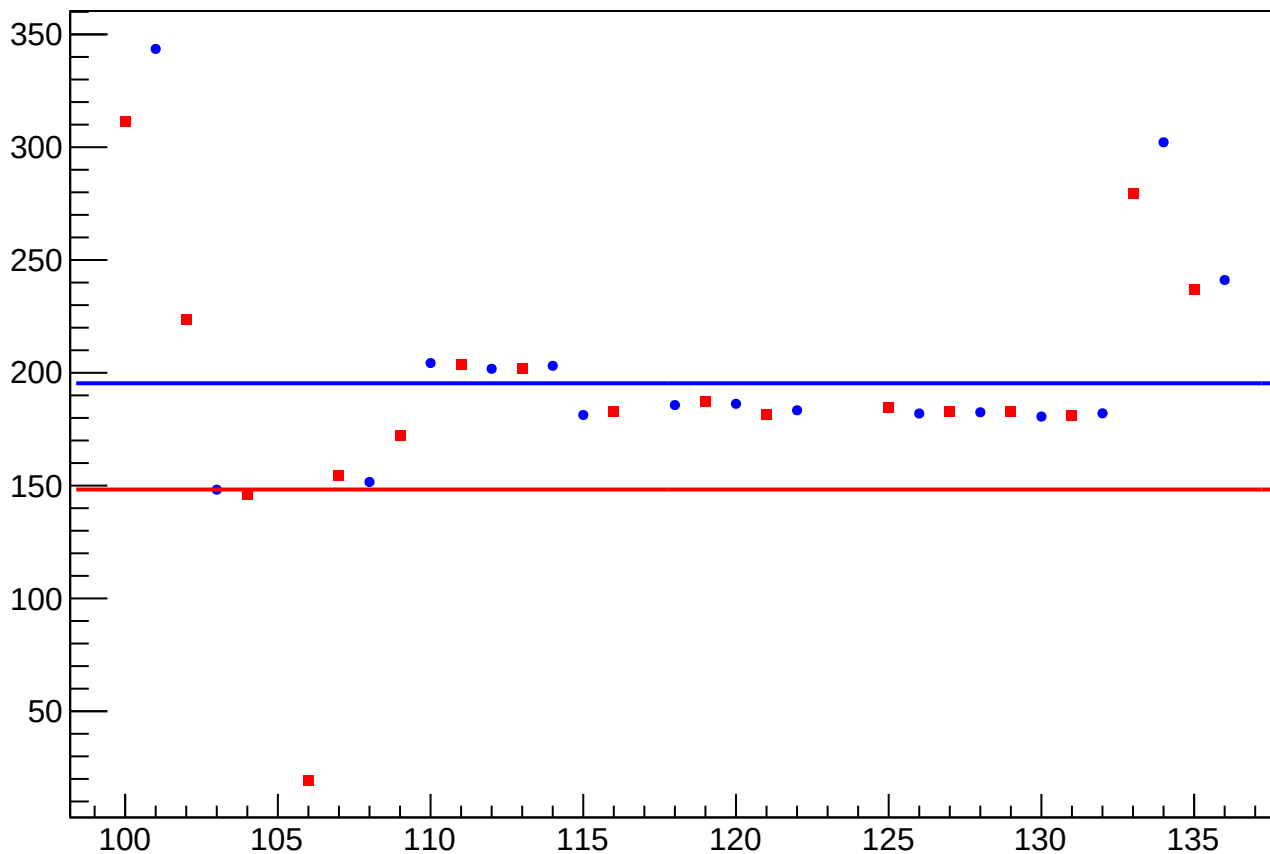
Right: -109.286 $\pm$ 1.521 χ^2 /NDF: 922.5/32

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: -109.286 $\pm$ 1.521 χ^2 /NDF: 922.5/32

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: 148.280+/-0.112 χ^2/NDF : 480251.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

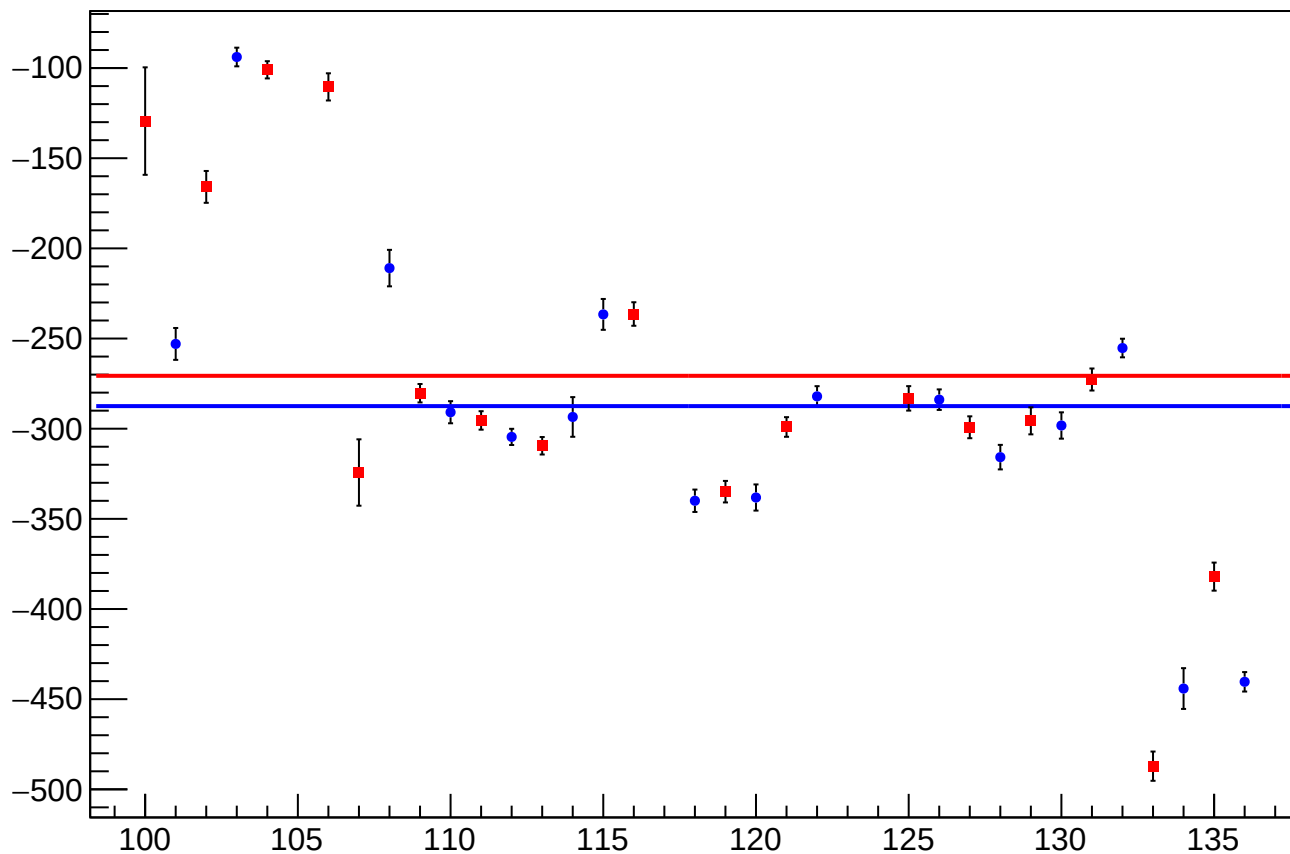
Right: 169.277+/-0.083 χ^2/NDF : 736247.0/32

In: 195.351+/-0.125 χ^2/NDF : 176975.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 169.277+/-0.083 χ^2/NDF : 736247.0/32

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: -270.674 ± 1.566 χ^2/NDF : 3100.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

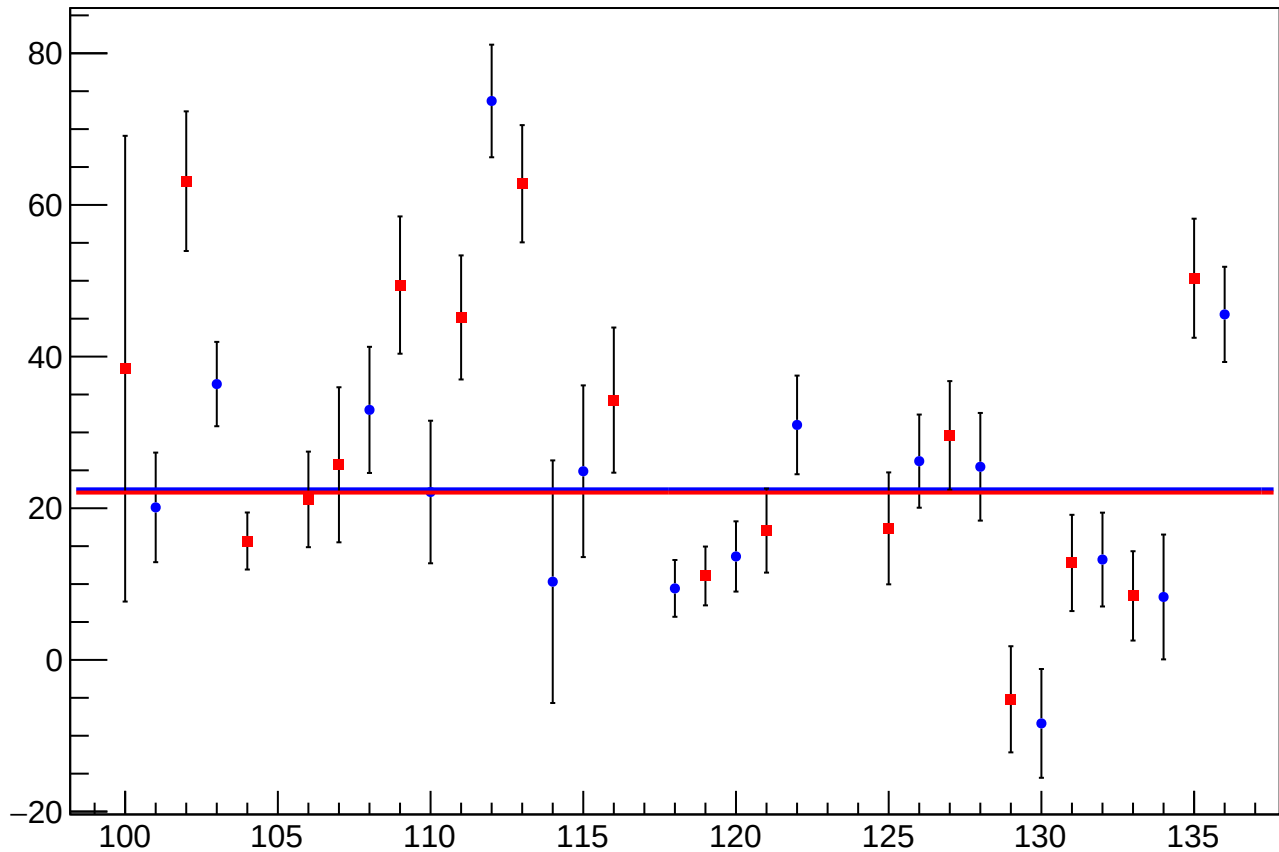
Right: -278.835 ± 1.123 χ^2/NDF : 5852.9/32

In: -287.476 ± 1.611 χ^2/NDF : 2696.5/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -278.835 ± 1.123 χ^2/NDF : 5852.9/32

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: 22.068+/-1.581 χ^2/NDF : 115.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

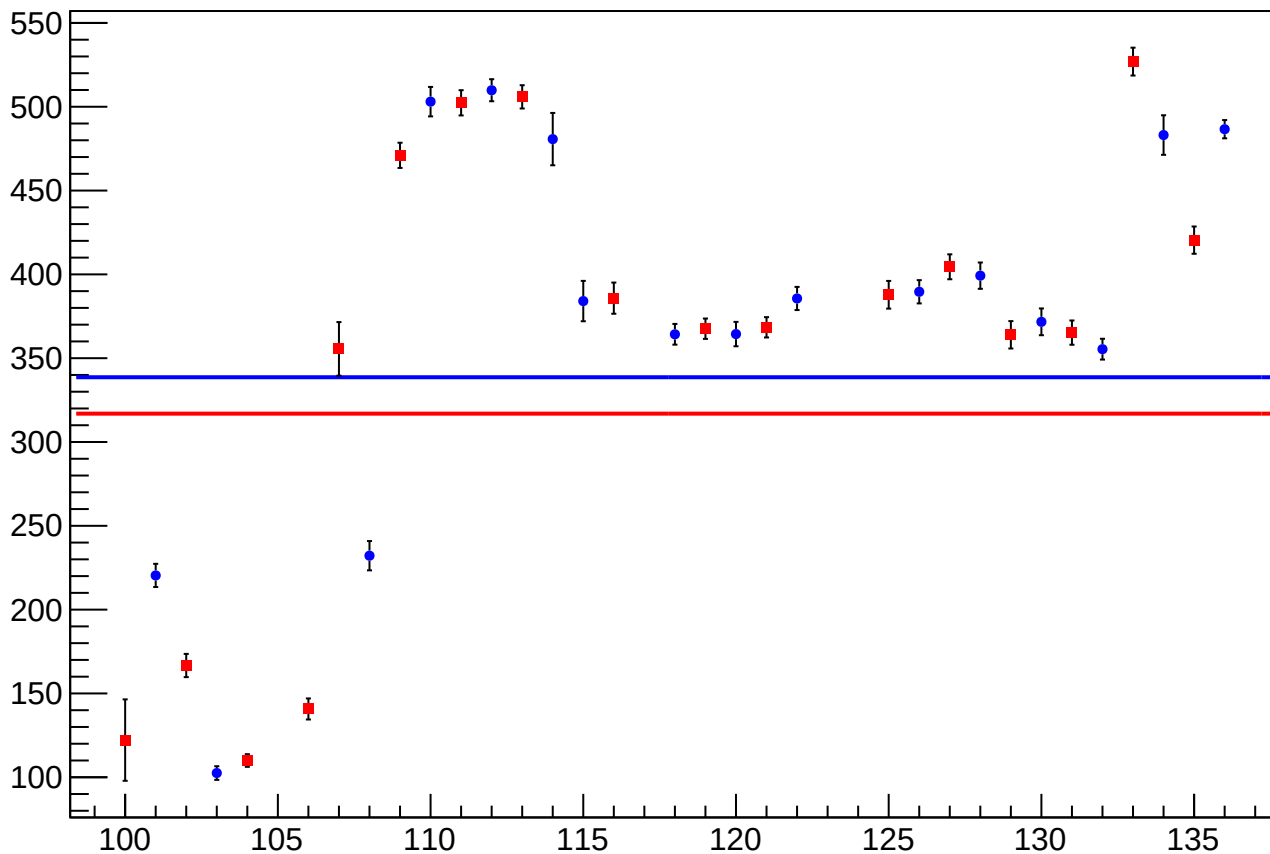
Right: 22.275+/-1.132 χ^2/NDF : 227.2/32

In: 22.492+/-1.621 χ^2/NDF : 111.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.275+/-1.132 χ^2/NDF : 227.2/32

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: 316.916+/-1.713 χ^2/NDF : 7397.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

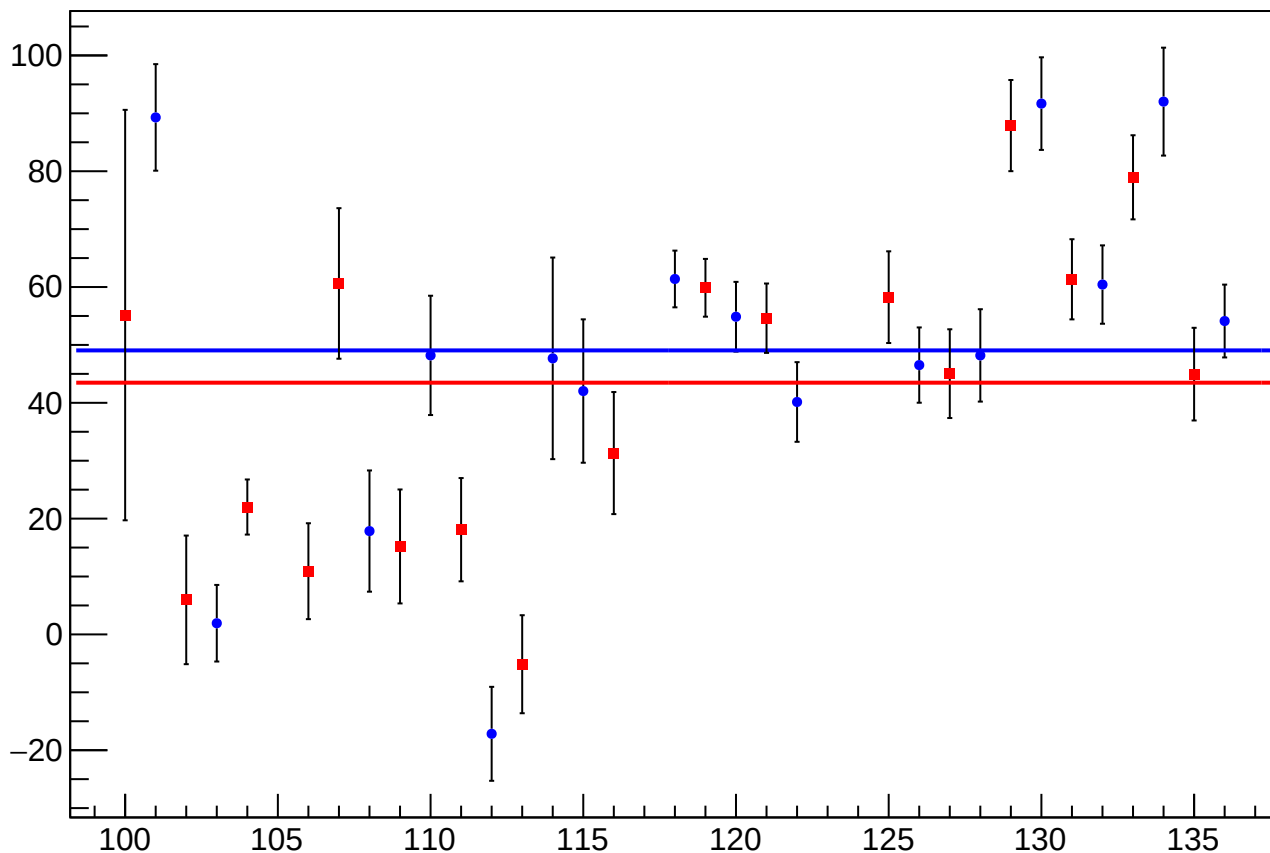
Right: 327.554+/-1.224 χ^2/NDF : 13518.7/32

In: 338.633+/-1.748 χ^2/NDF :6042.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 327.554+/-1.224 χ^2/NDF : 13518.7/32

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: 43.477+/-1.851 χ^2/NDF : 179.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

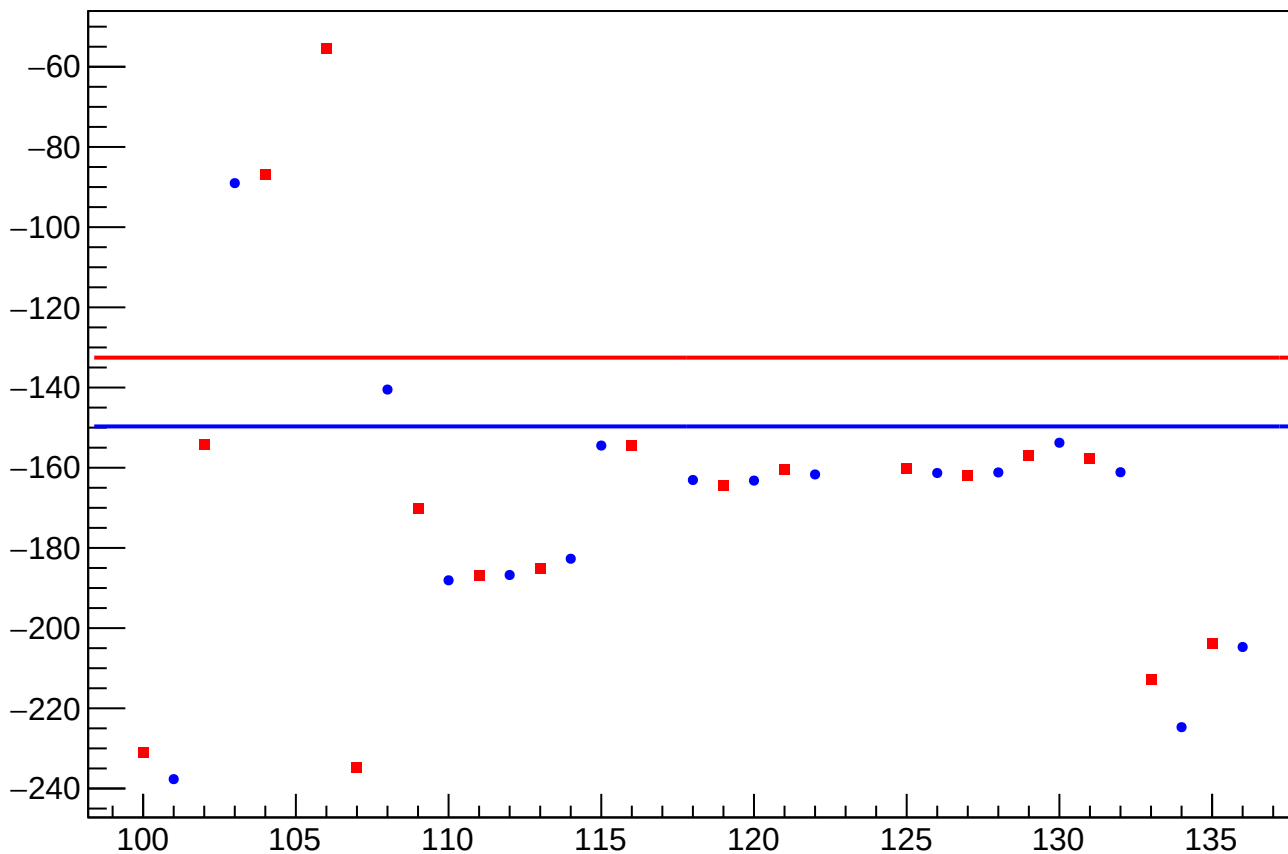
Right: 46.218+/-1.320 χ^2/NDF : 392.3/32

In: 49.053+/-1.882 χ^2/NDF : 207.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 46.218+/-1.320 χ^2/NDF : 392.3/32

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: -132.540+/-0.098 χ^2 /NDF: 295934.2/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

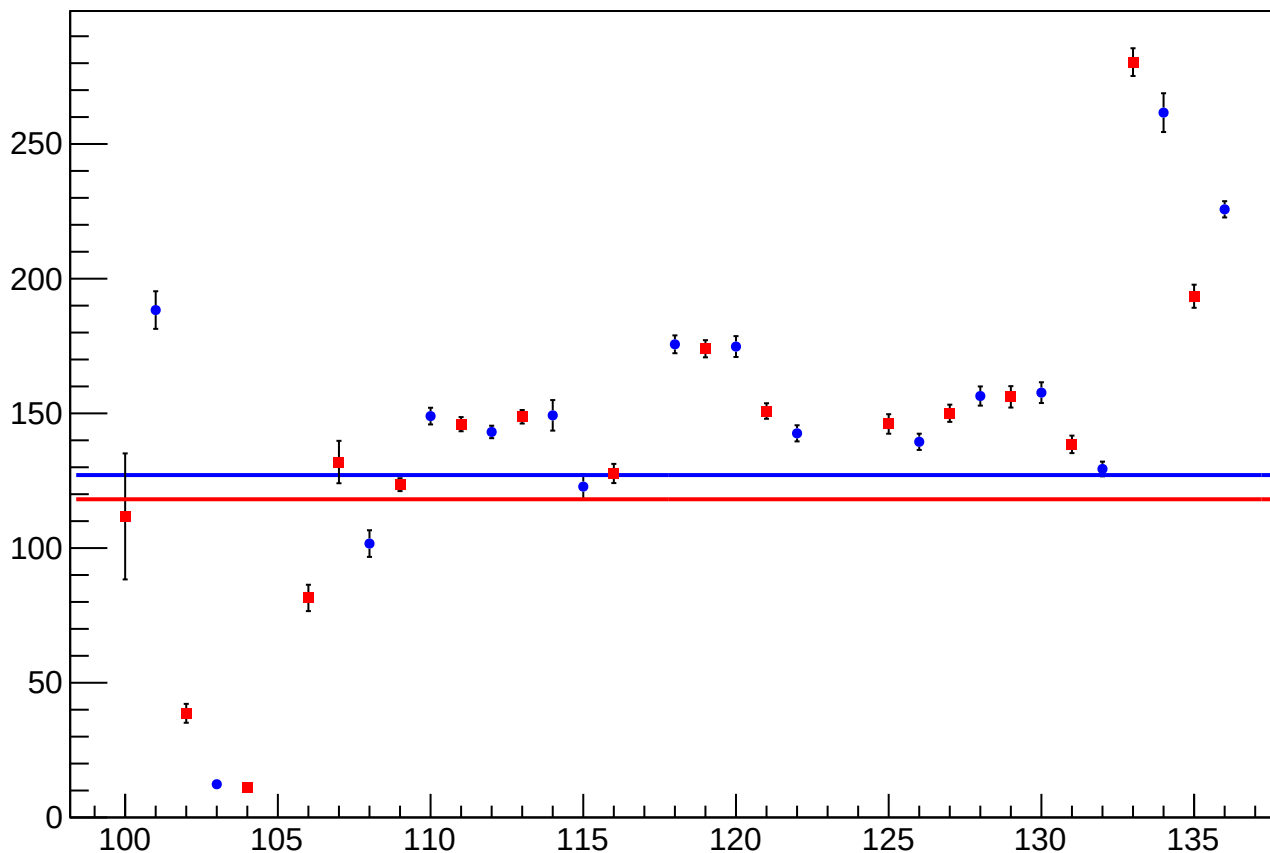
Right: -140.914+/-0.070 χ^2 /NDF: 567233.6/32

In: -149.698+/-0.101 χ^2 /NDF:256472.2/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -140.914+/-0.070 χ^2 /NDF: 567233.6/32

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: 118.119 $\pm$ 0.780 χ^2 /NDF: 6315.4/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

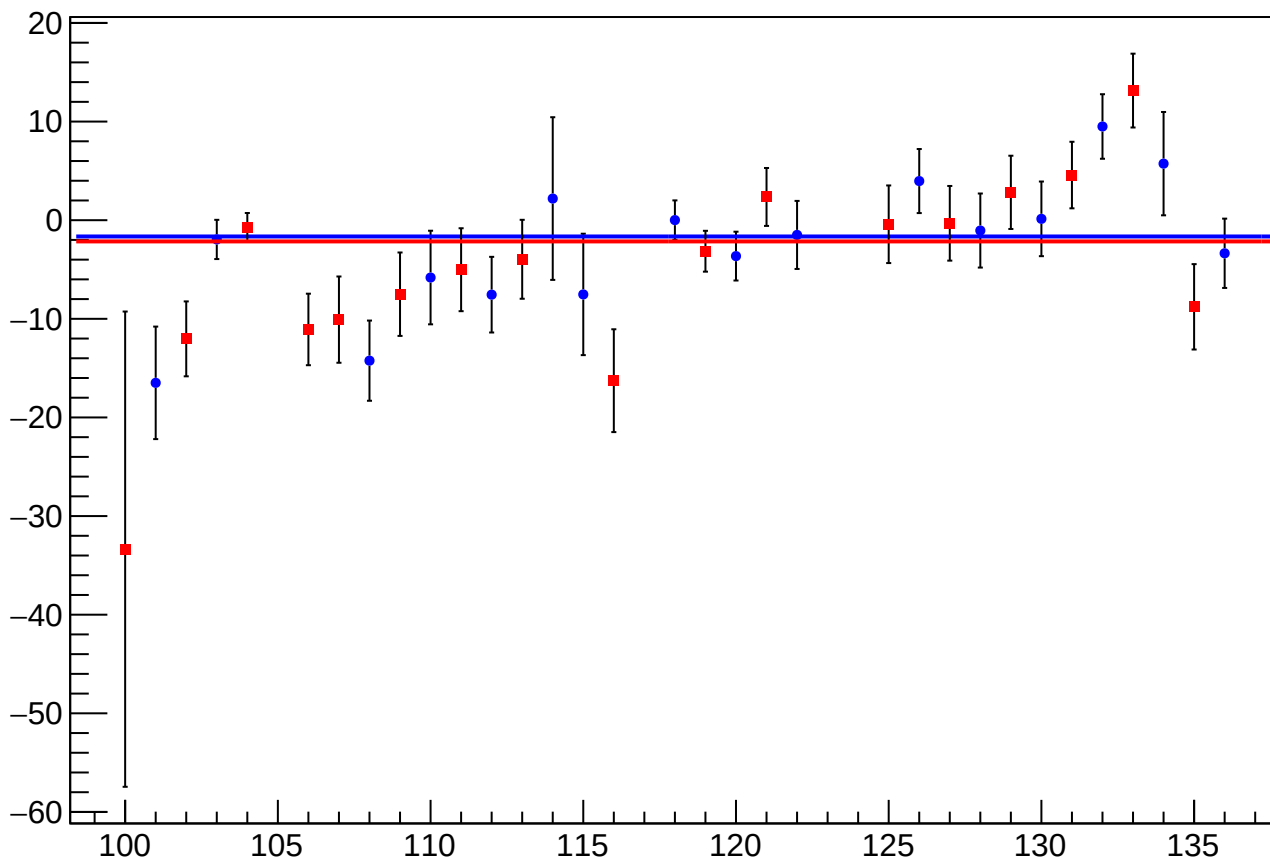
Right: 122.437 $\pm$ 0.562 χ^2 /NDF: 12542.3/32

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: 122.437 $\pm$ 0.562 χ^2 /NDF: 12542.3/32

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: -2.151+/-0.775 χ^2/NDF : 56.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

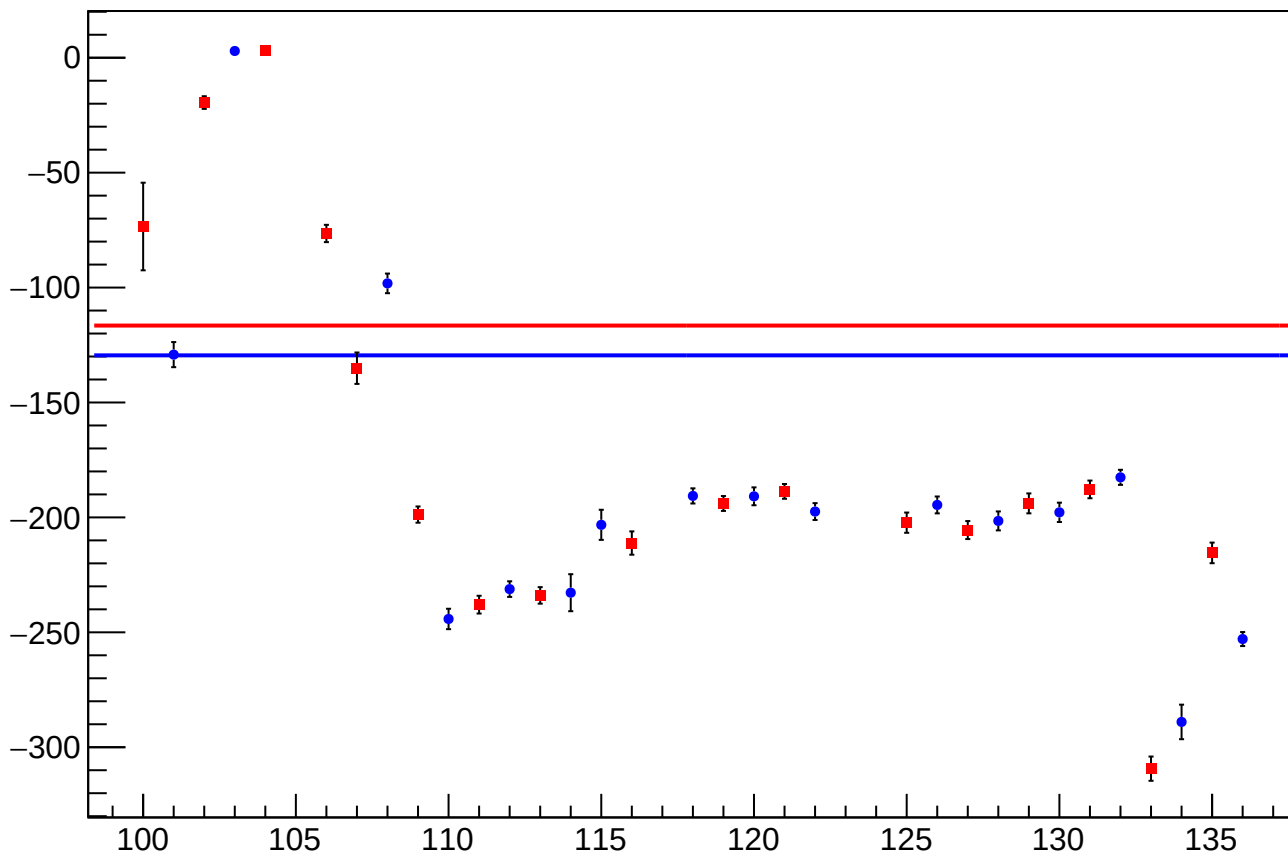
Right: -1.919+/-0.567 χ^2/NDF : 95.5/32

In: -1.651+/-0.833 χ^2/NDF : 39.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.919+/-0.567 χ^2/NDF : 95.5/32

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -129.497 $\pm$ 0.846 χ^2 /NDF: 14687.9/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -116.532 $\pm$ 0.820 χ^2 /NDF: 15641.6/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

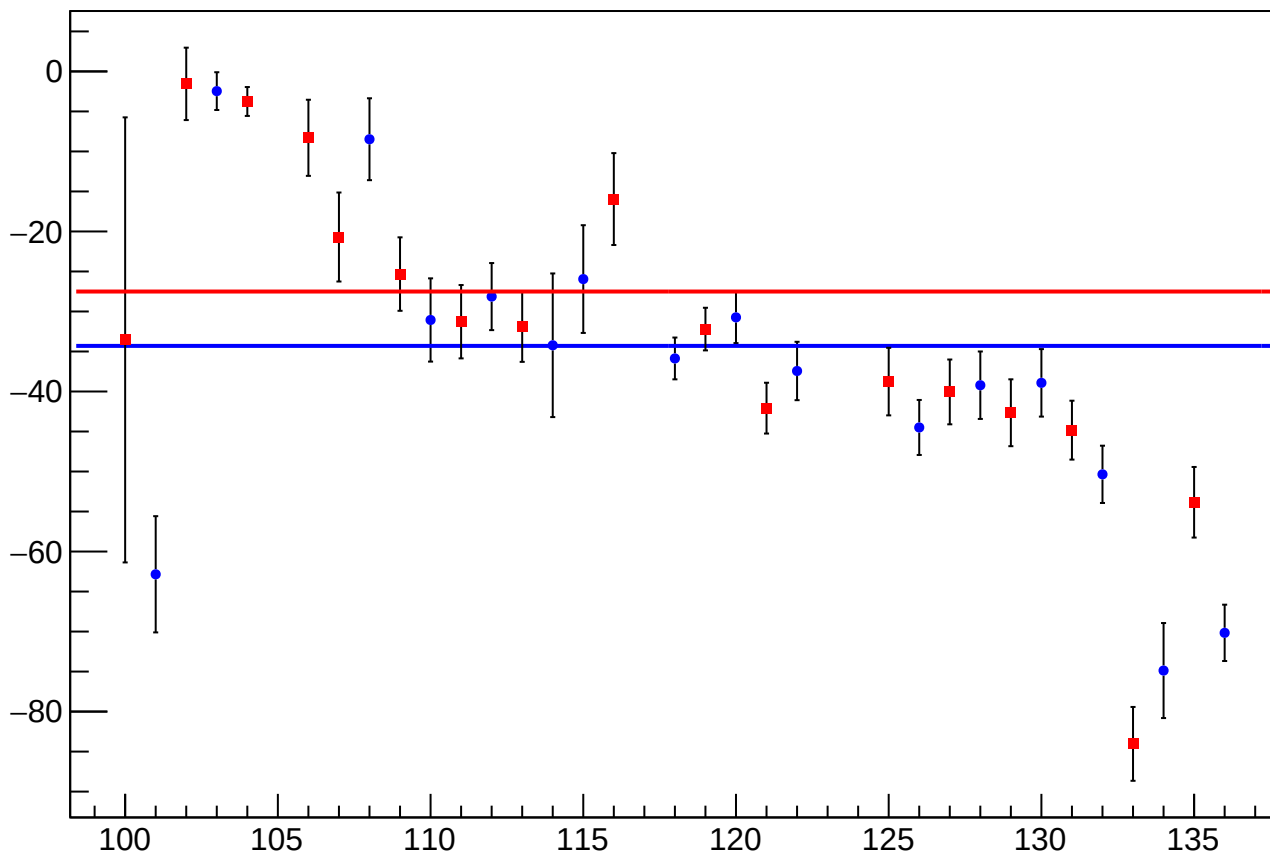
Right: -122.808 $\pm$ 0.589 χ^2 /NDF: 30450.5/32

In: -129.497 $\pm$ 0.846 χ^2 /NDF:14687.9/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -122.808 $\pm$ 0.589 χ^2 /NDF: 30450.5/32

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: -27.507 ± 0.914 χ^2/NDF : 491.7/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

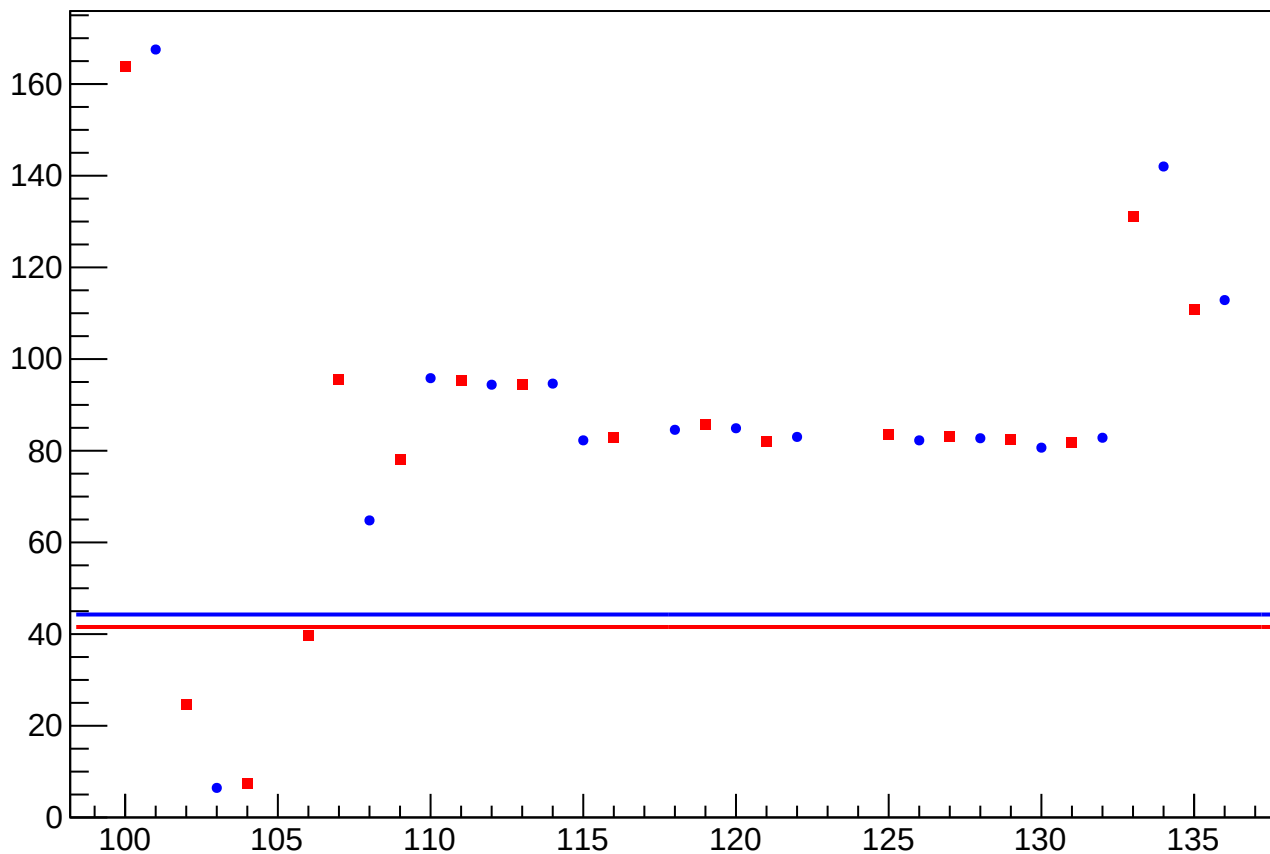
Right: -30.709 ± 0.664 χ^2/NDF : 929.0/32

In: -34.301 ± 0.968 χ^2/NDF : 411.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.709 ± 0.664 χ^2/NDF : 929.0/32

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: 41.550+/-0.046 χ^2/NDF : 755105.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

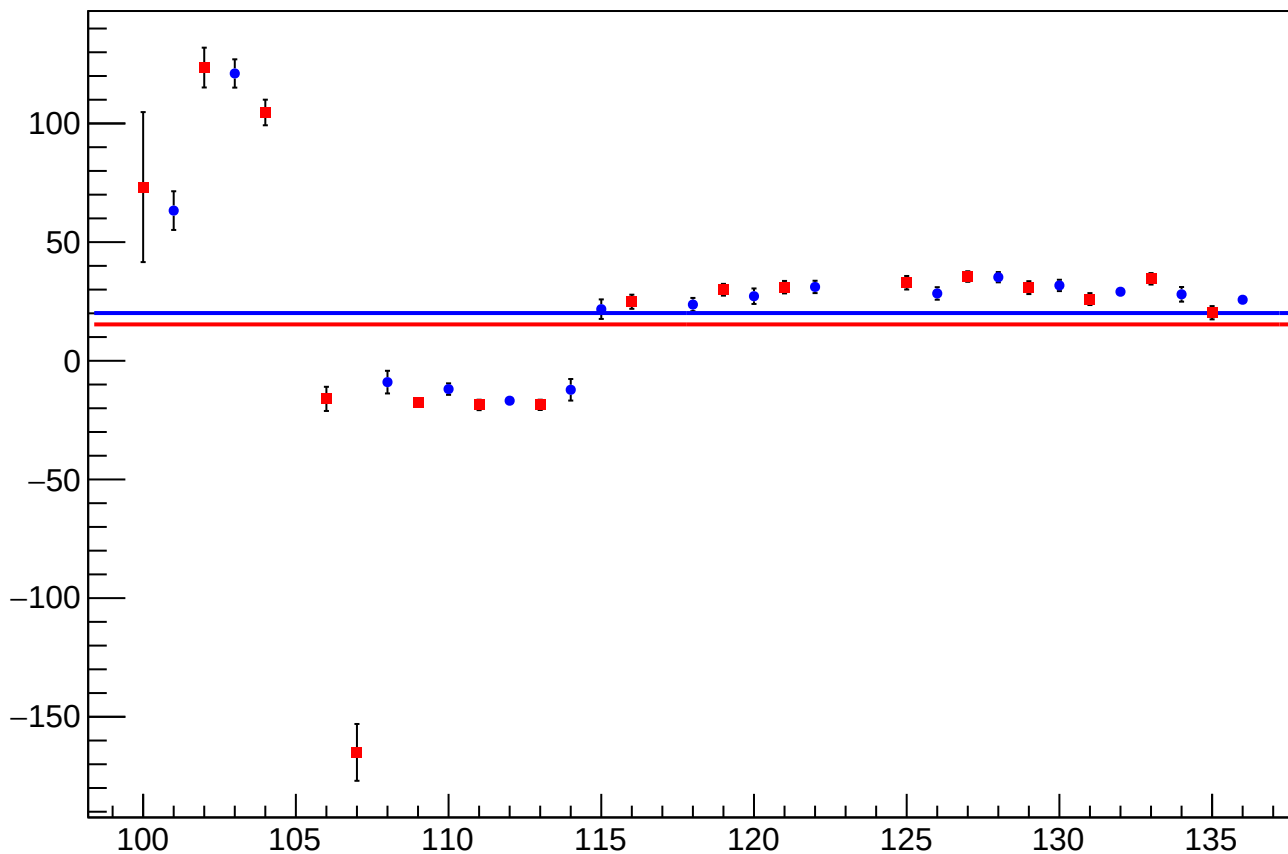
Right: 42.929+/-0.032 χ^2/NDF : 1842001.2/32

In: 44.274+/-0.045 χ^2/NDF : 1085082.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.929+/-0.032 χ^2/NDF : 1842001.2/32

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: 20.117 $\pm$ 0.687 χ^2 /NDF: 1048.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 15.333 $\pm$ 0.692 χ^2 /NDF: 1763.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

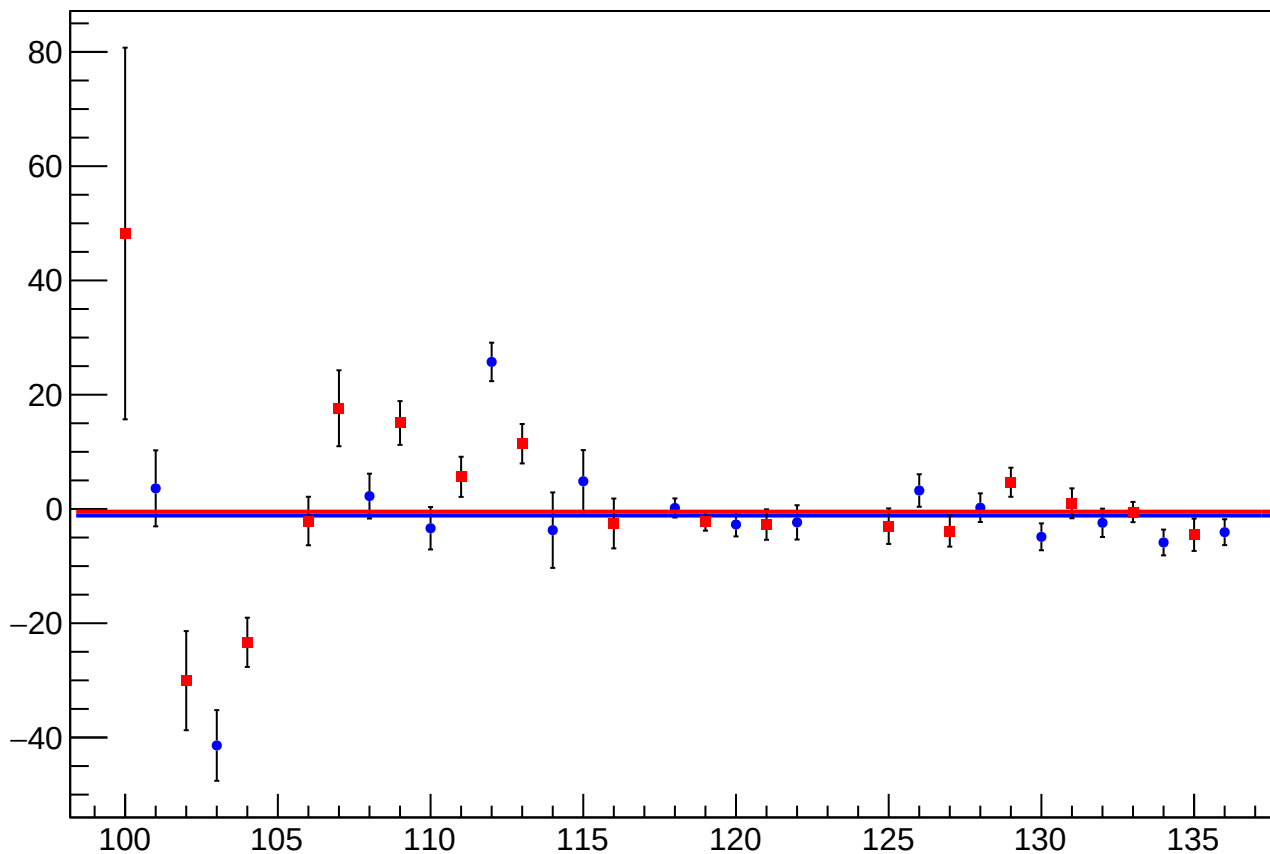
Right: 17.742 $\pm$ 0.488 χ^2 /NDF: 2836.0/32

In: 20.117 $\pm$ 0.687 χ^2 /NDF:1048.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 17.742 $\pm$ 0.488 χ^2 /NDF: 2836.0/32

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: -0.468+/-0.722 χ^2/NDF : 91.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

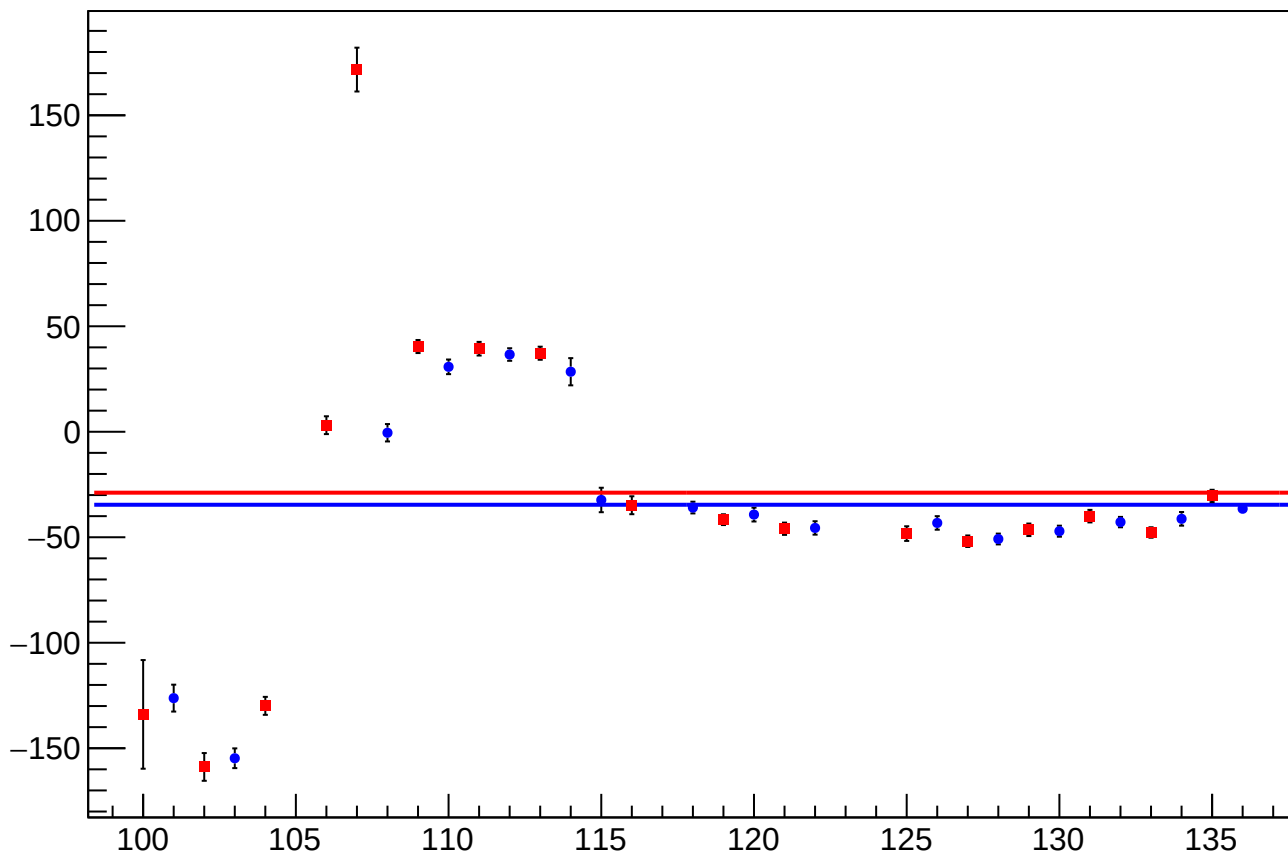
Right: -0.820+/-0.502 χ^2/NDF : 213.9/32

In: -1.151+/-0.699 χ^2/NDF : 121.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.820+/-0.502 χ^2/NDF : 213.9/32

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: -28.871 ± 0.816 χ^2/NDF : 3074.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

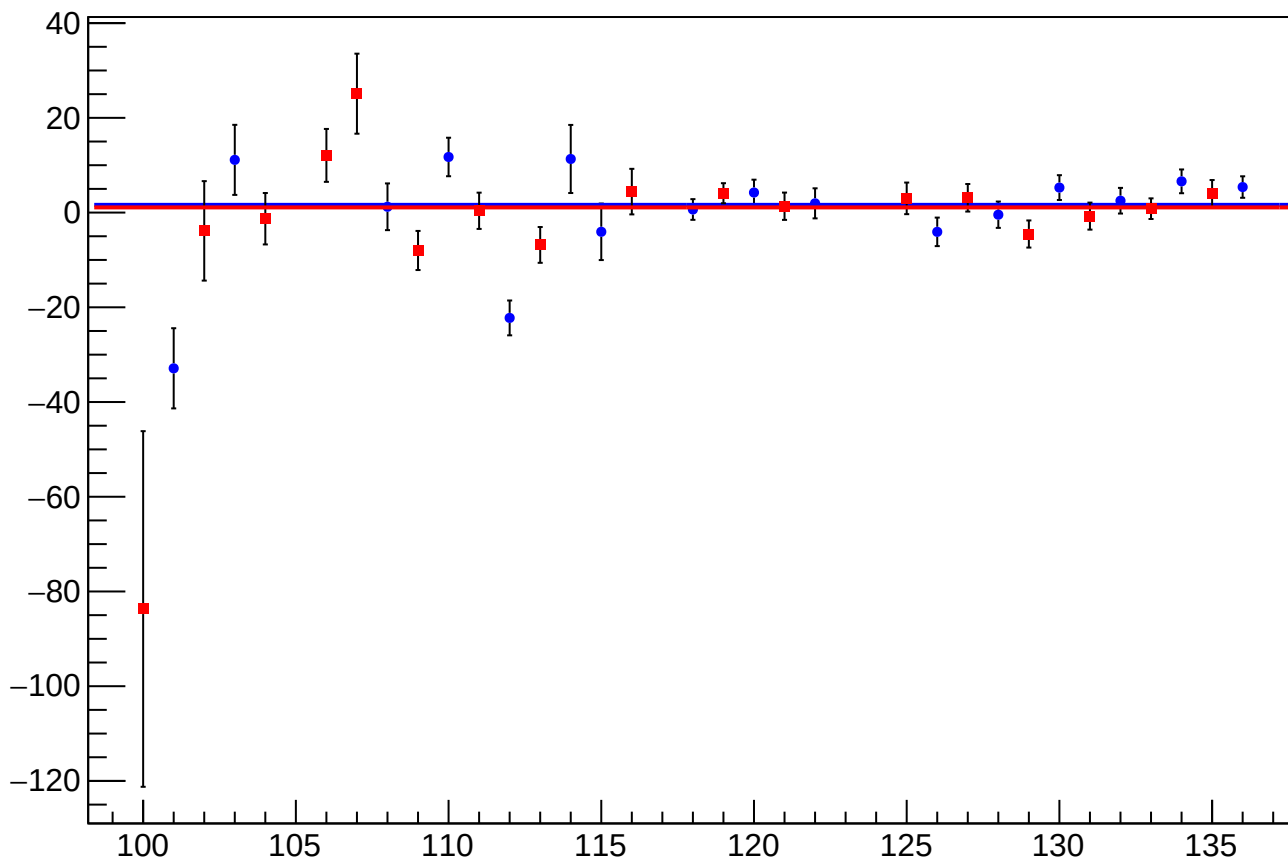
Right: -31.841 ± 0.566 χ^2/NDF : 5158.7/32

In: -34.598 ± 0.786 χ^2/NDF : 2058.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.841 ± 0.566 χ^2/NDF : 5158.7/32

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: 1.089+/-0.829 χ^2/NDF : 35.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

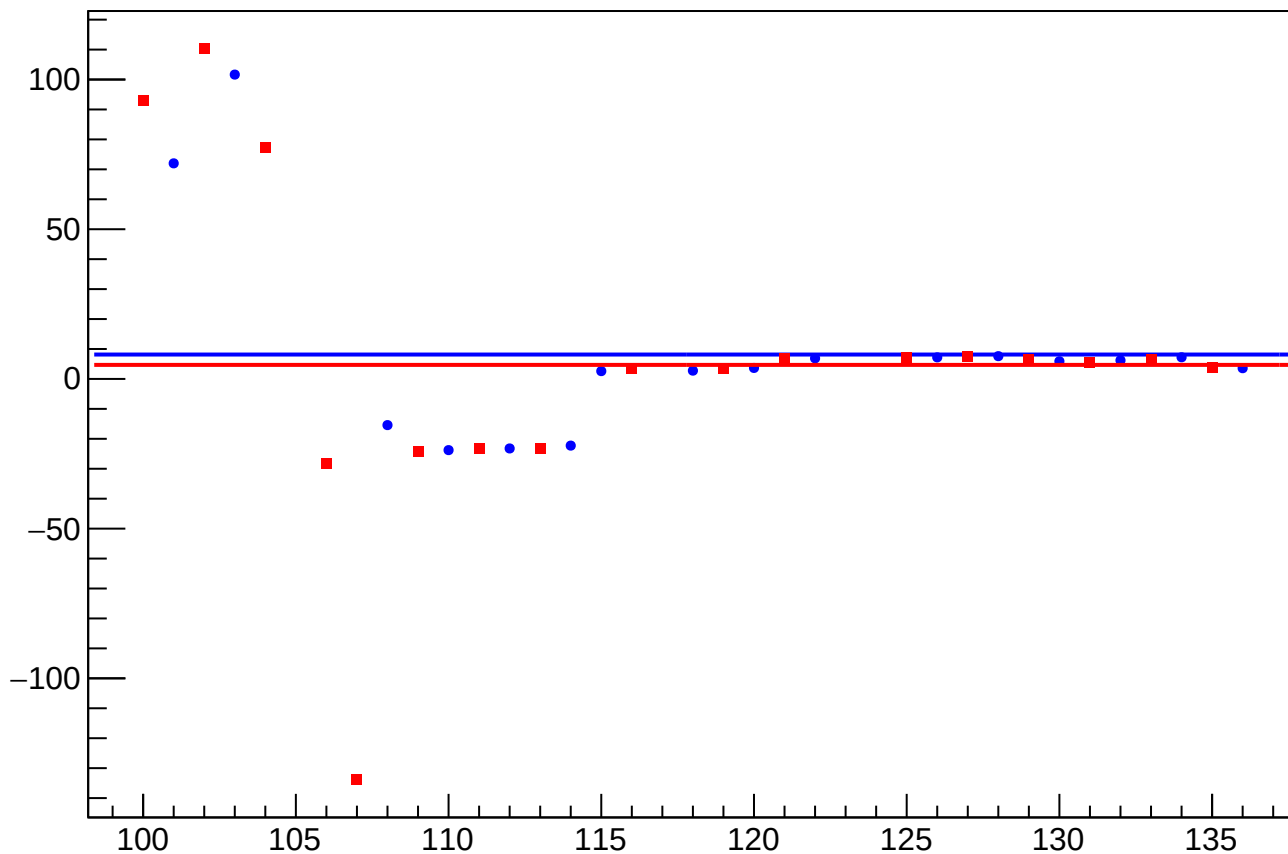
Right: 1.370+/-0.574 χ^2/NDF : 118.8/32

In: 1.630+/-0.797 χ^2/NDF : 83.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.370+/-0.574 χ^2/NDF : 118.8/32

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: 4.689+/-0.053 χ^2/NDF : 446792.4/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

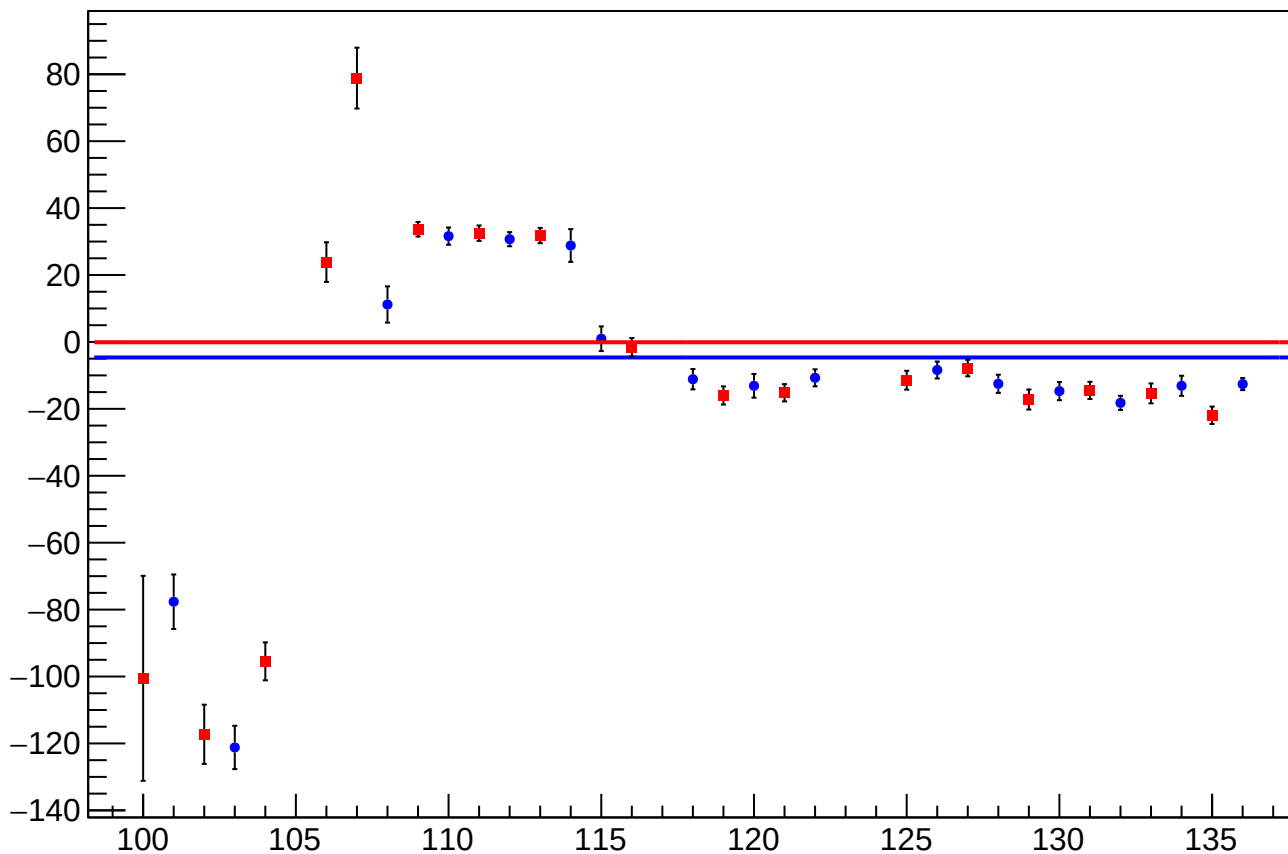
Right: 6.591+/-0.036 χ^2/NDF : 762441.3/32

In: 8.146+/-0.048 χ^2/NDF :313350.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 6.591+/-0.036 χ^2/NDF : 762441.3/32

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: -0.094 ± 0.724 χ^2/NDF : 1449.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

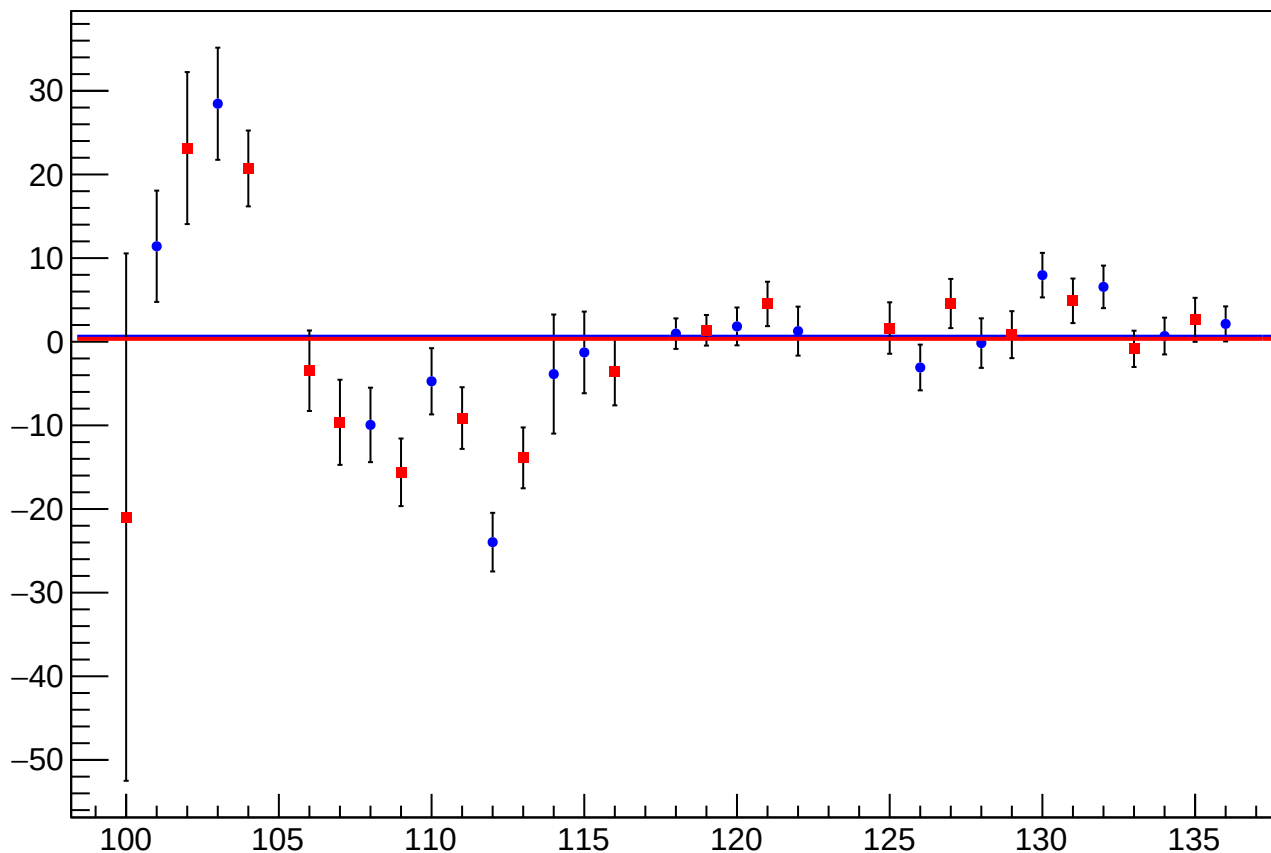
Right: -2.407 ± 0.508 χ^2/NDF : 2515.3/32

In: -4.640 ± 0.712 χ^2/NDF : 1046.3/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.407 ± 0.508 χ^2/NDF : 2515.3/32

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: 0.348 $\pm$ 0.766 χ^2 /NDF: 78.9/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

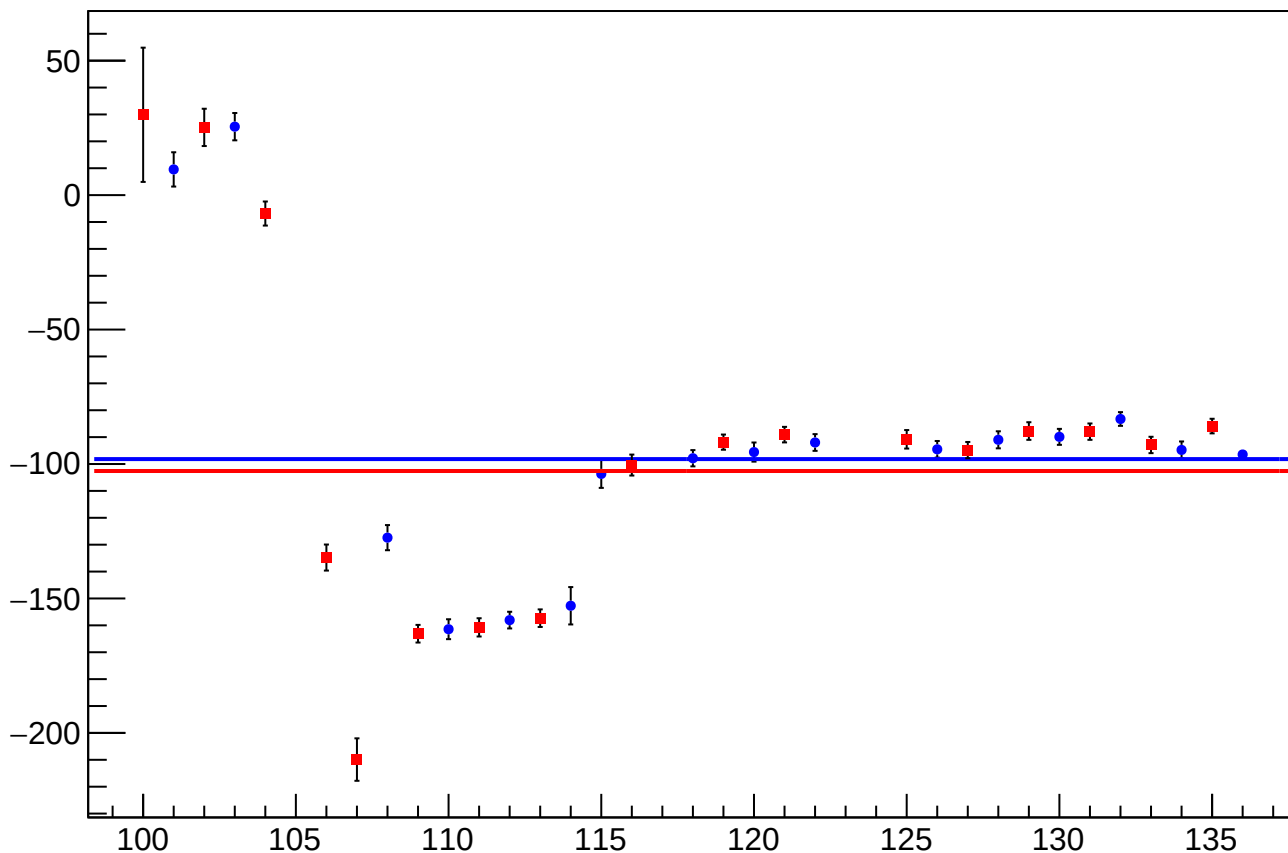
Right: 0.482 $\pm$ 0.527 χ^2 /NDF: 171.8/32

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: 0.482 $\pm$ 0.527 χ^2 /NDF: 171.8/32

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -98.168 ± 0.813 $\chi^2/\text{NDF}: 1699.9/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -102.600 ± 0.859 $\chi^2/\text{NDF}: 2115.9/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

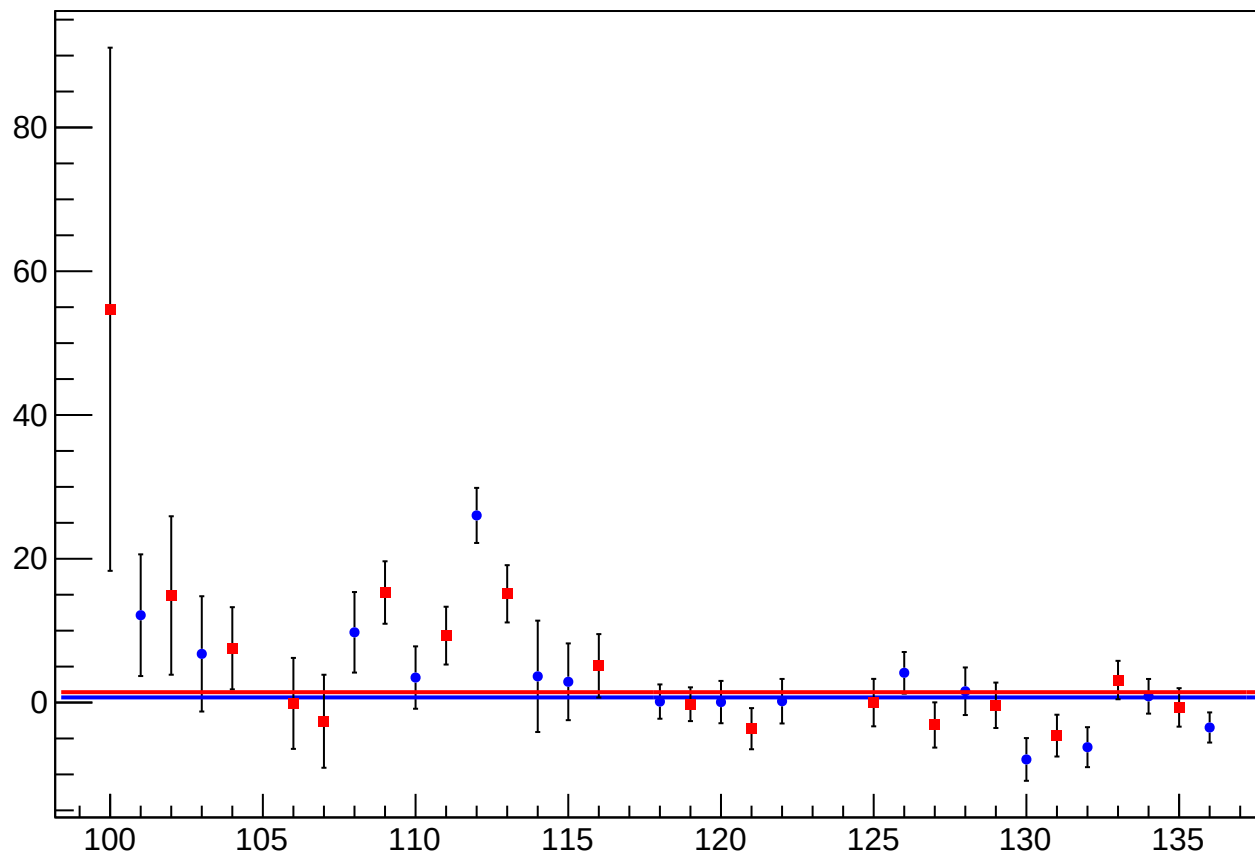
Right: -100.261 ± 0.590 $\chi^2/\text{NDF}: 3829.8/32$

In: -98.168 ± 0.813 $\chi^2/\text{NDF}: 1699.9/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -100.261 ± 0.590 $\chi^2/\text{NDF}: 3829.8/32$

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: 1.440+/-0.873 χ^2/NDF : 43.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

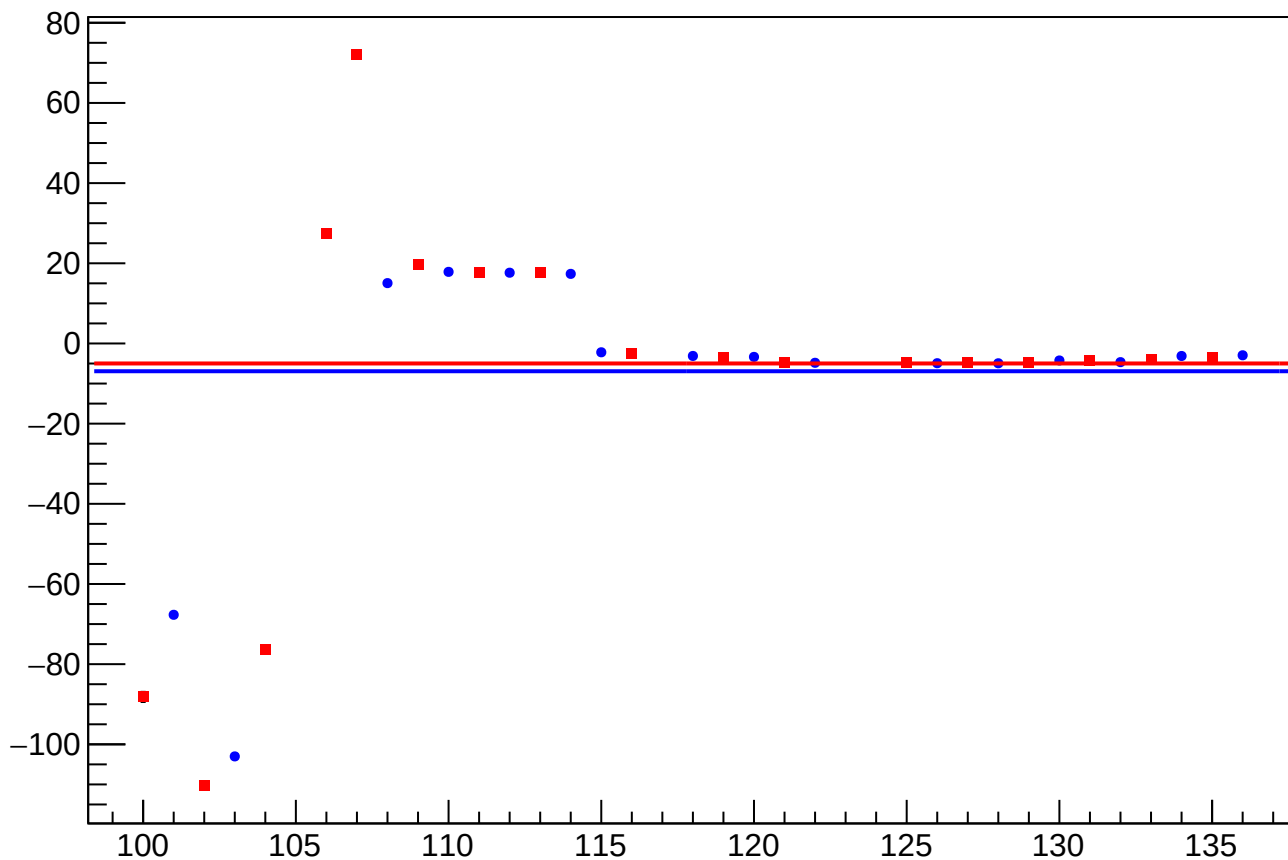
Right: 1.053+/-0.598 χ^2/NDF : 113.3/32

In: 0.711+/-0.821 χ^2/NDF : 69.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.053+/-0.598 χ^2/NDF : 113.3/32

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: -4.988+/-0.055 χ^2/NDF : 339266.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

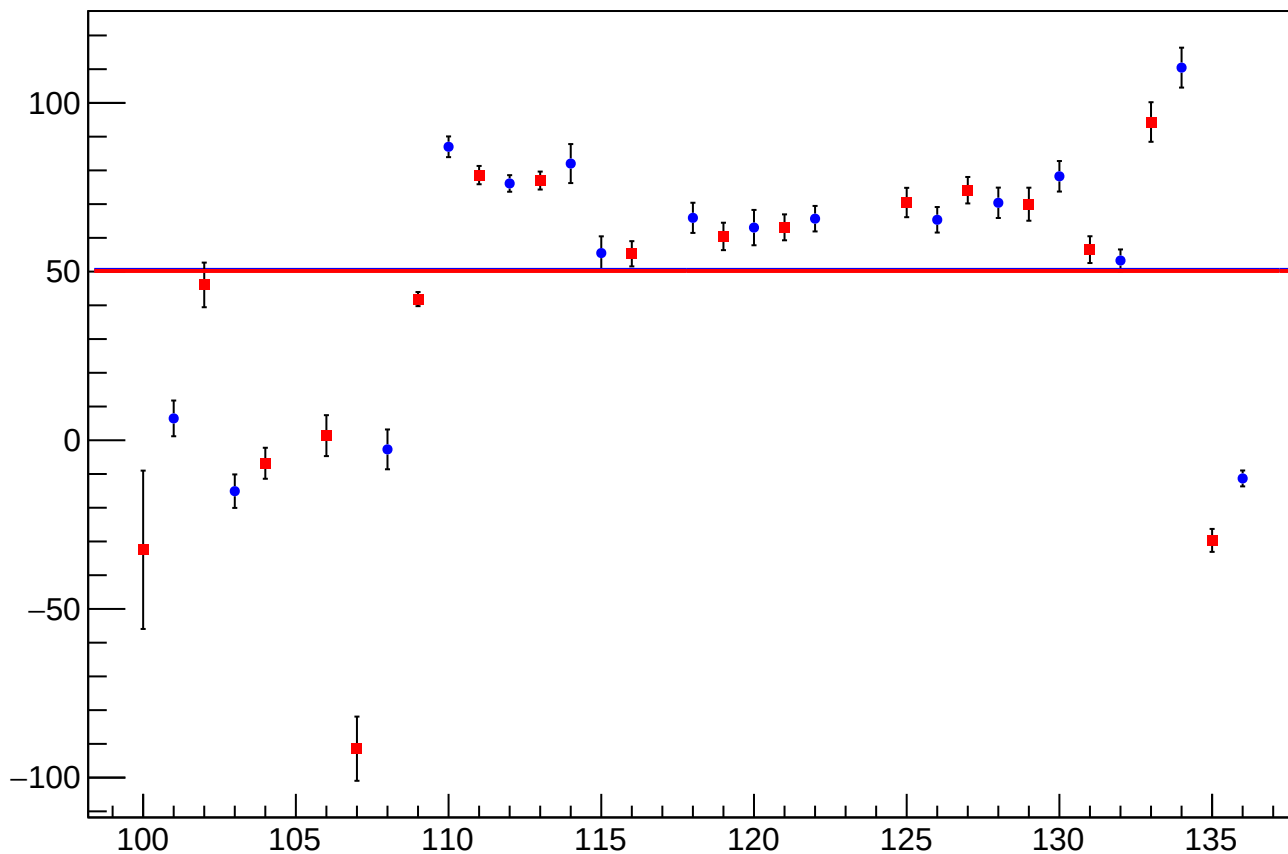
Right: -6.081+/-0.036 χ^2/NDF : 605150.8/32

In: -6.927+/-0.049 χ^2/NDF : 265187.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.081+/-0.036 χ^2/NDF : 605150.8/32

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: 50.189+/-0.931 χ^2 /NDF: 1385.8/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

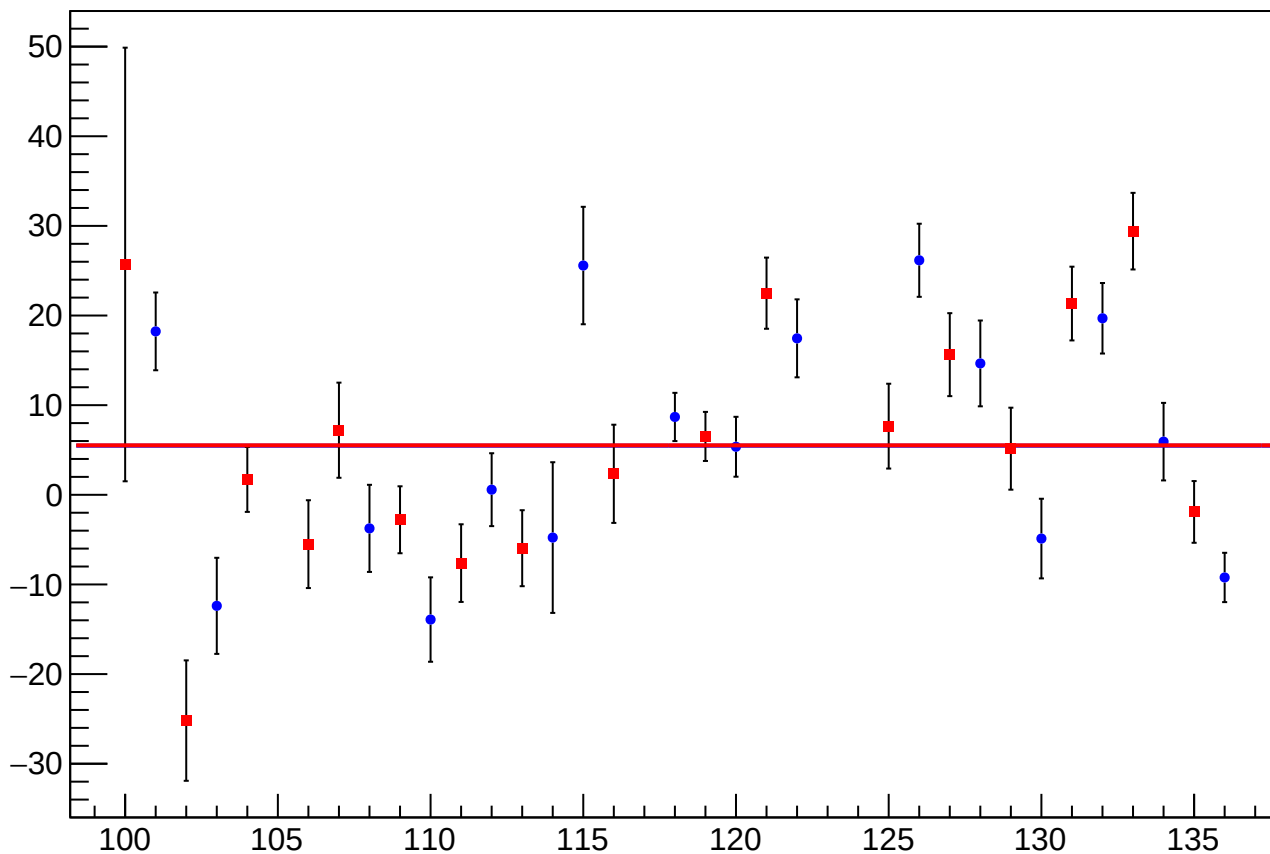
Right: 50.340+/-0.670 χ^2 /NDF: 2889.5/32

In: 50.503+/-0.965 χ^2 /NDF:1503.6/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: 50.340+/-0.670 χ^2 /NDF: 2889.5/32

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: 5.519+/-1.039 χ^2/NDF : 123.8/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

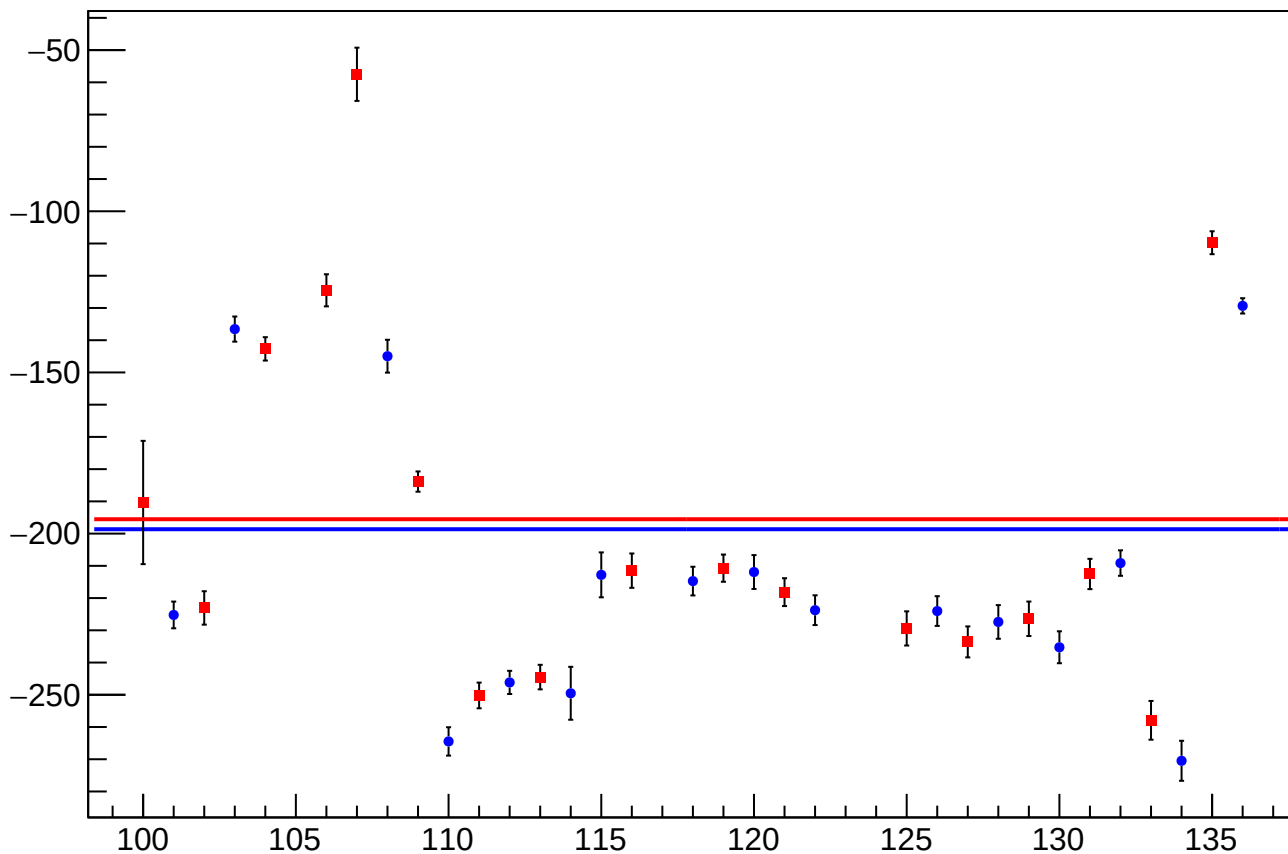
Right: 5.500+/-0.728 χ^2/NDF : 261.9/32

In: 5.481+/-1.021 χ^2/NDF : 138.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.500+/-0.728 χ^2/NDF : 261.9/32

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: -198.641+/-1.083 χ^2/NDF : 2002.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.537+/-1.108 χ^2/NDF : 1980.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

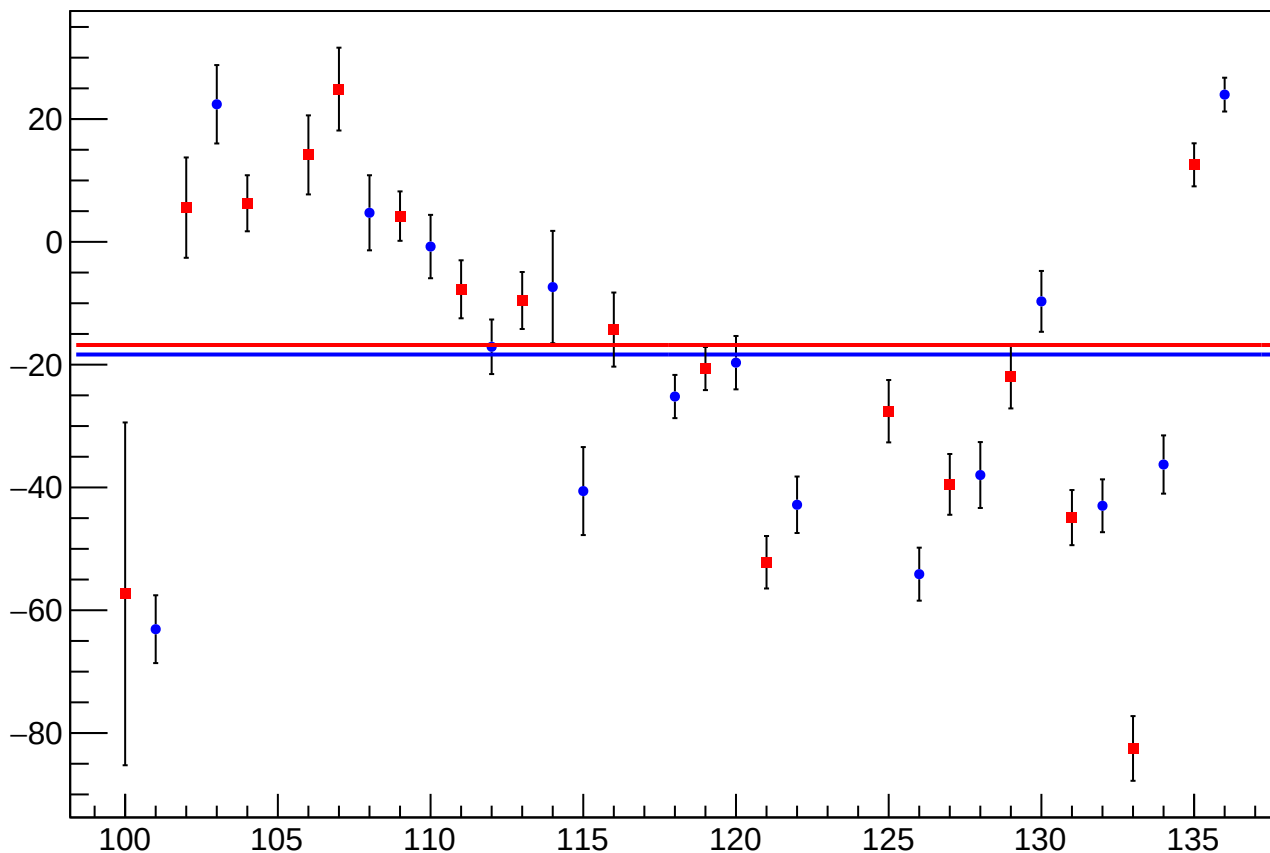
Right: -197.123+/-0.775 χ^2/NDF : 3986.9/32

In: -198.641+/-1.083 χ^2/NDF : 2002.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -197.123+/-0.775 χ^2/NDF : 3986.9/32

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: -16.798 ± 1.186 χ^2/NDF : 491.1/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

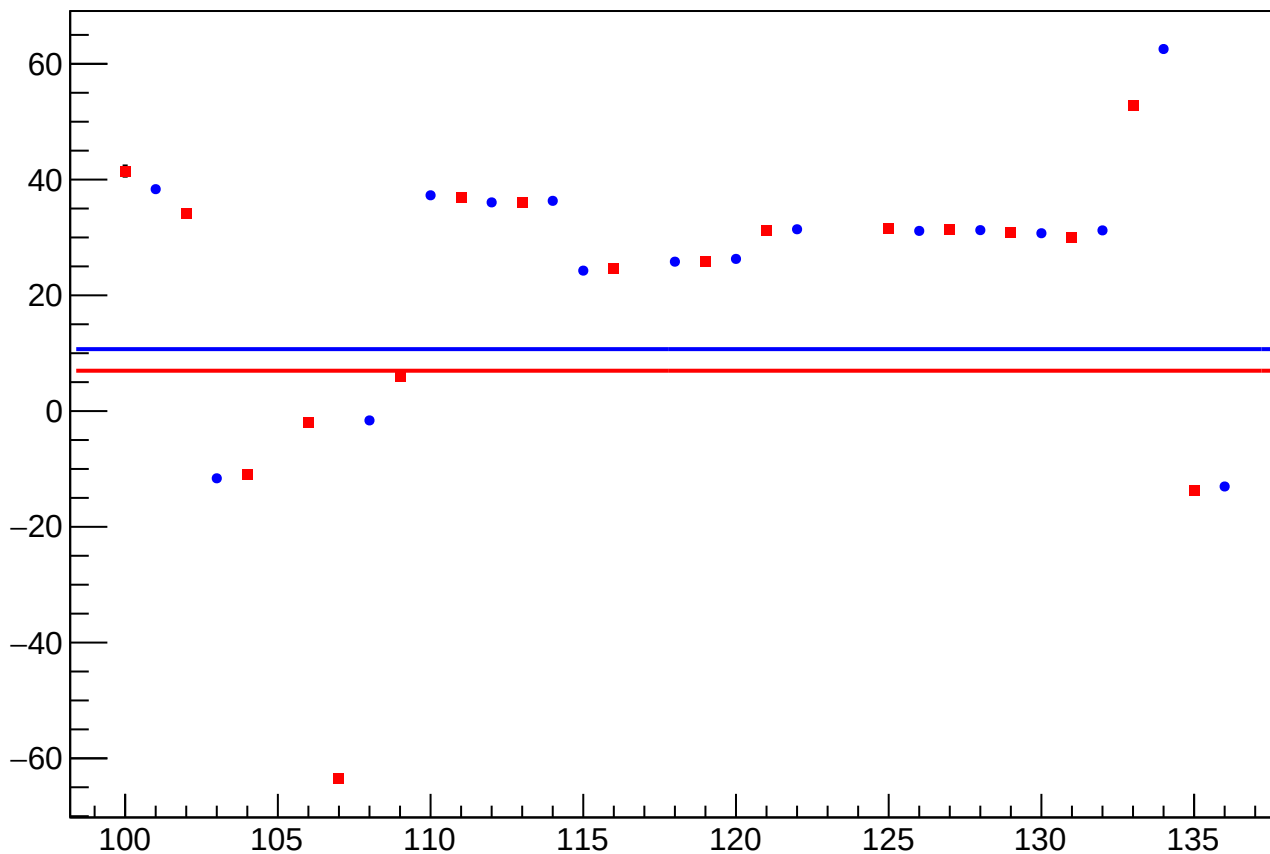
Right: -17.591 ± 0.829 χ^2/NDF : 1035.9/32

In: -18.348 ± 1.159 χ^2/NDF : 543.9/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -17.591 ± 0.829 χ^2/NDF : 1035.9/32

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: 6.974+/-0.066 χ^2/NDF : 148688.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

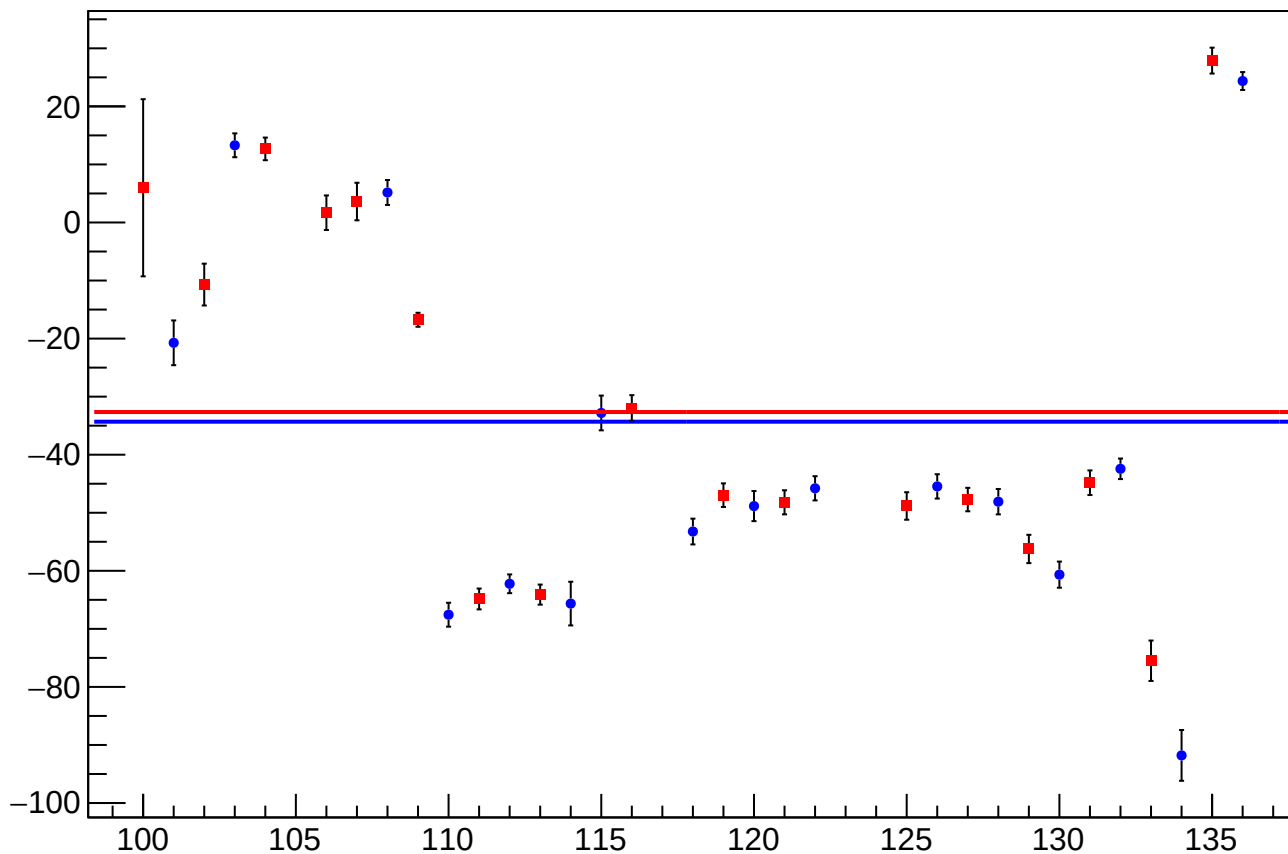
Right: 8.927+/-0.046 χ^2/NDF : 315224.0/32

In: 10.704+/-0.063 χ^2/NDF : 164860.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.927+/-0.046 χ^2/NDF : 315224.0/32

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: -32.649 ± 0.523 χ^2/NDF : 2893.0/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

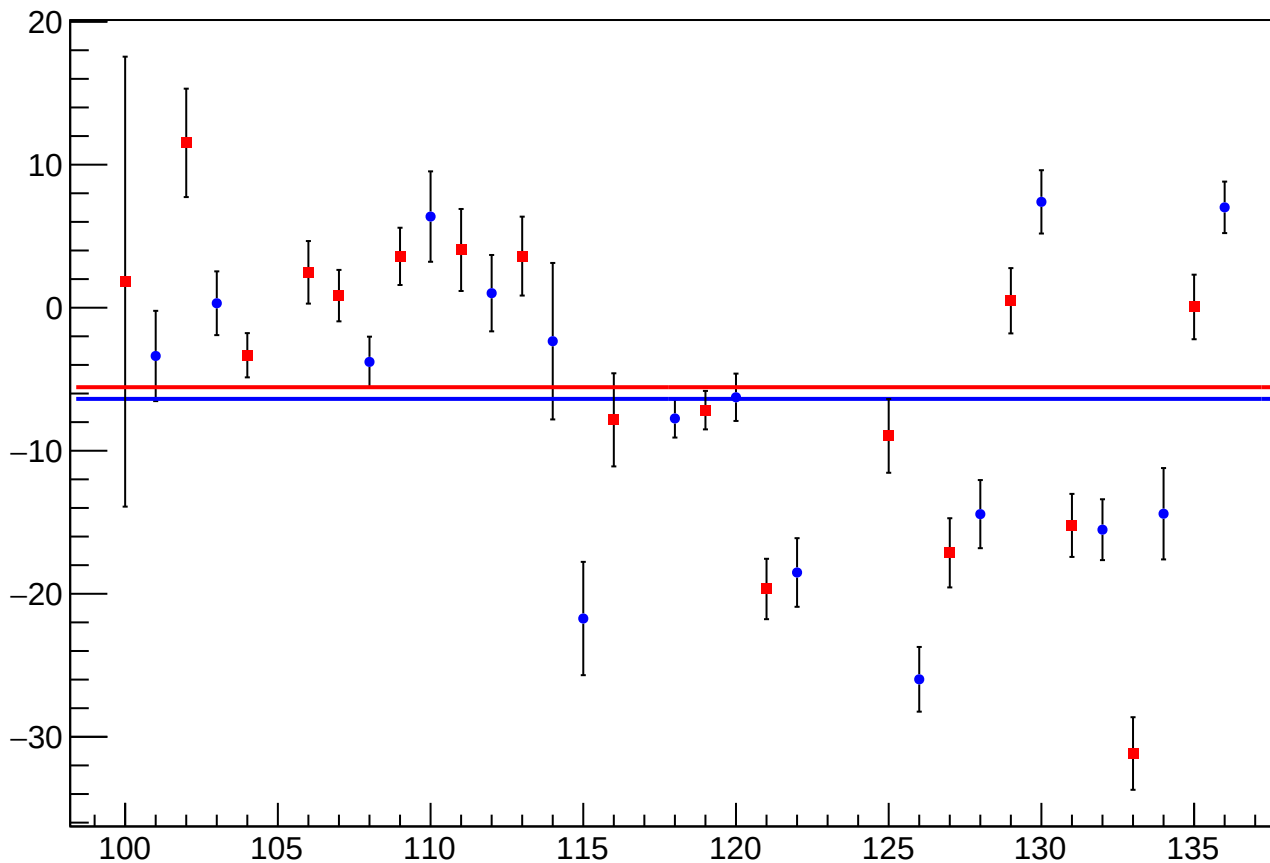
Right: -33.443 ± 0.378 χ^2/NDF : 6398.1/32

In: -34.315 ± 0.548 χ^2/NDF : 3500.2/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.443 ± 0.378 χ^2/NDF : 6398.1/32

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: -5.557+/-0.538 χ^2/NDF : 297.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

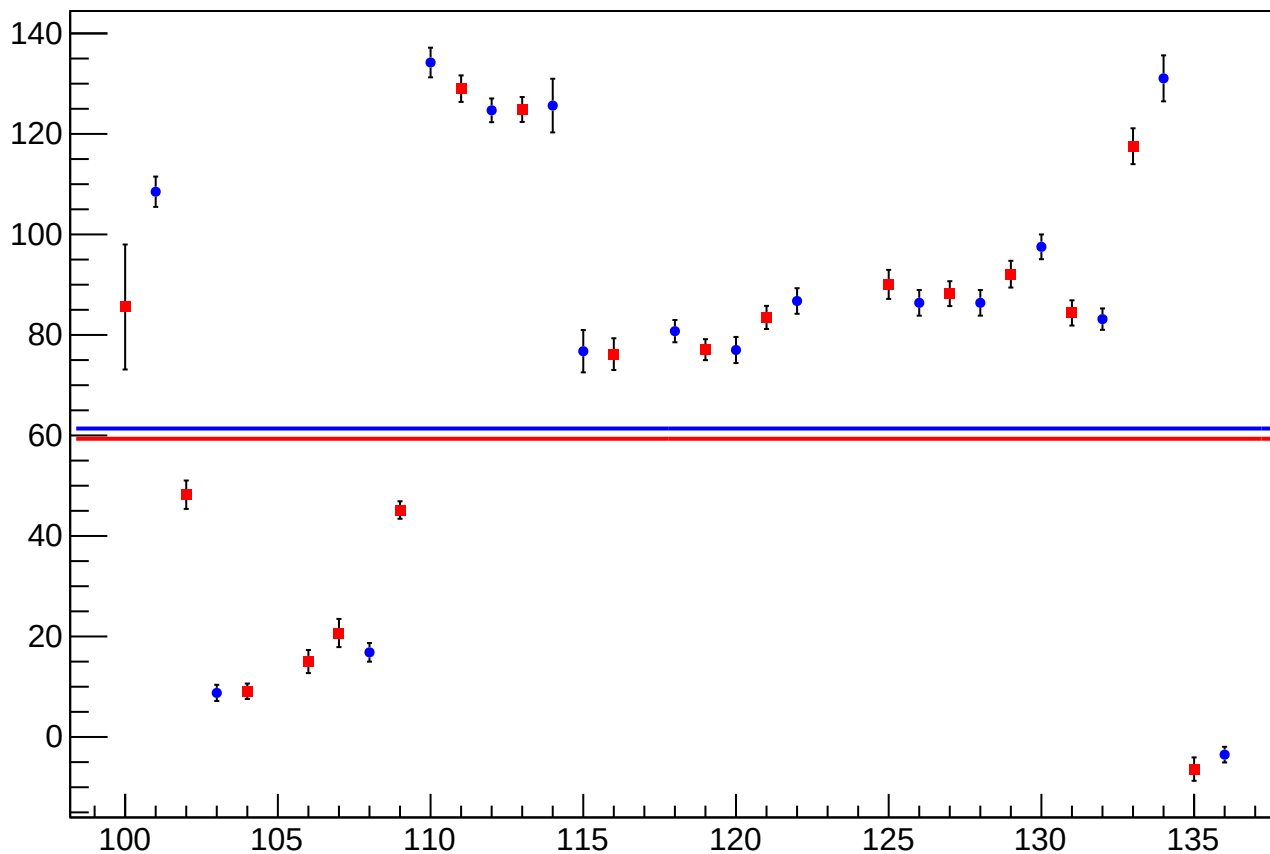
Right: -5.954+/-0.386 χ^2/NDF : 582.1/32

In: -6.375+/-0.554 χ^2/NDF : 283.6/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.954+/-0.386 χ^2/NDF : 582.1/32

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: 59.345+/-0.590 χ^2/NDF : 4885.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

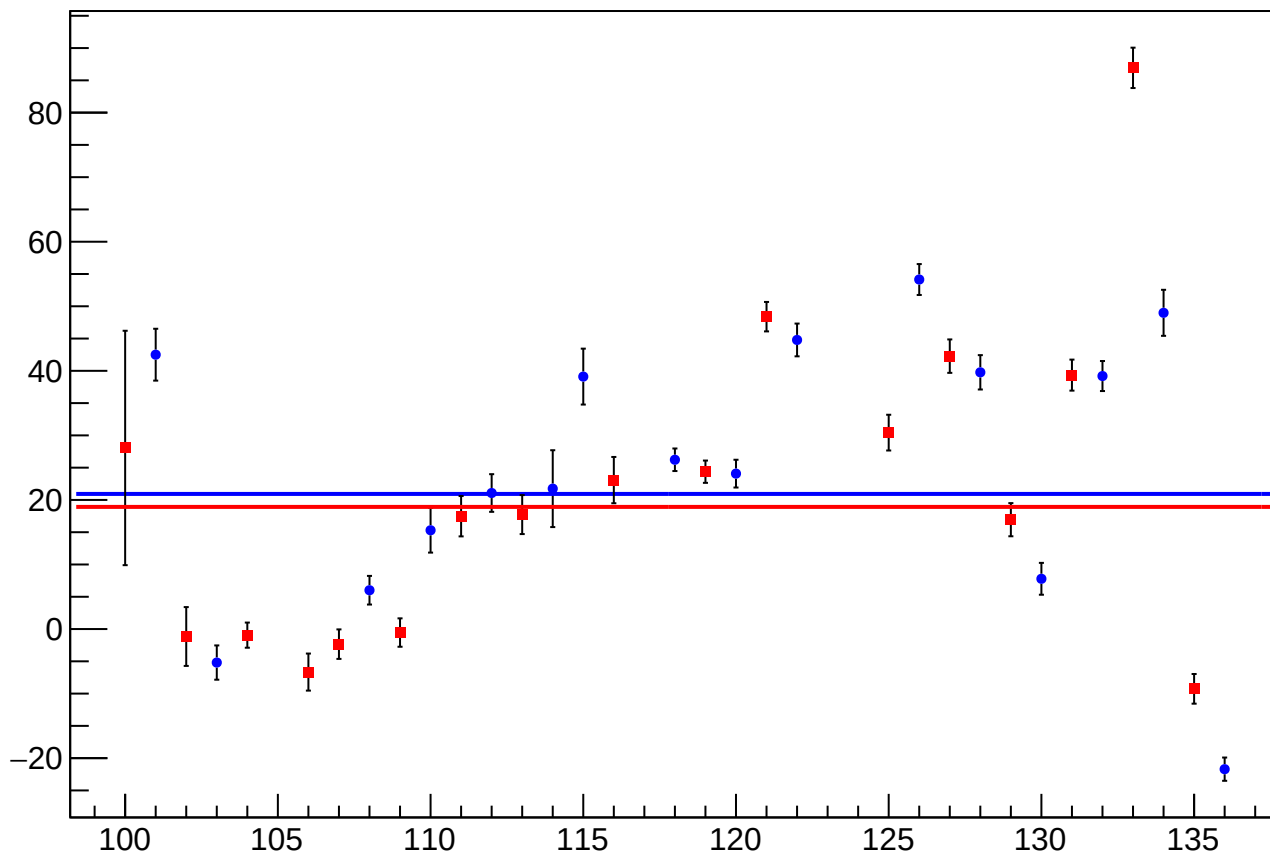
Right: 60.354+/-0.419 χ^2/NDF : 10957.8/32

In: 61.377+/-0.594 χ^2/NDF : 6066.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.354+/-0.419 χ^2/NDF : 10957.8/32

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: 18.921+/-0.626 χ^2/NDF : 1341.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

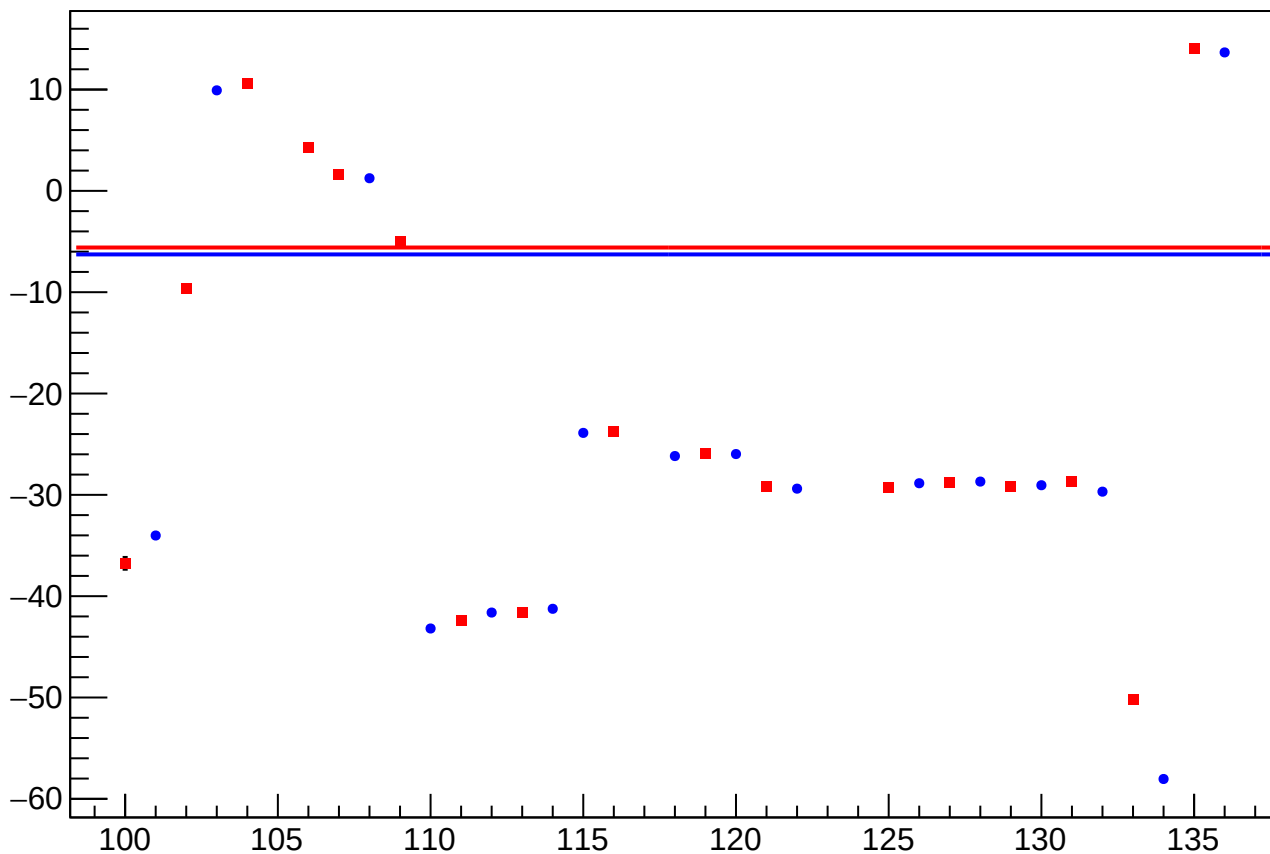
Right: 19.905+/-0.448 χ^2/NDF : 2592.0/32

In: 20.931+/-0.640 χ^2/NDF : 1245.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.905+/-0.448 χ^2/NDF : 2592.0/32

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: -5.590+/-0.034 χ^2/NDF : 292579.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

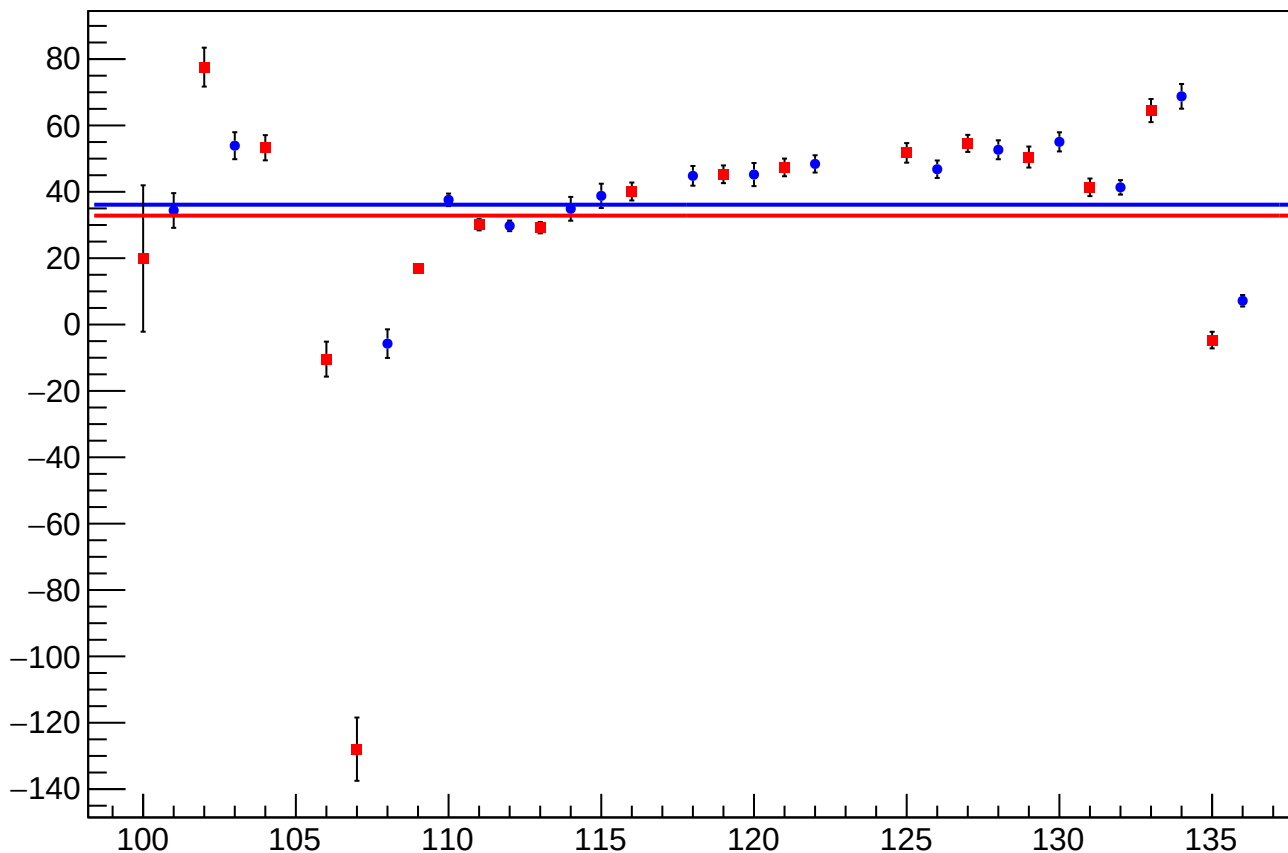
Right: -5.941+/-0.024 χ^2/NDF : 703241.6/32

In: -6.271+/-0.033 χ^2/NDF : 410461.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.941+/-0.024 χ^2/NDF : 703241.6/32

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: 32.829+/-0.640 χ^2/NDF : 1077.6/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

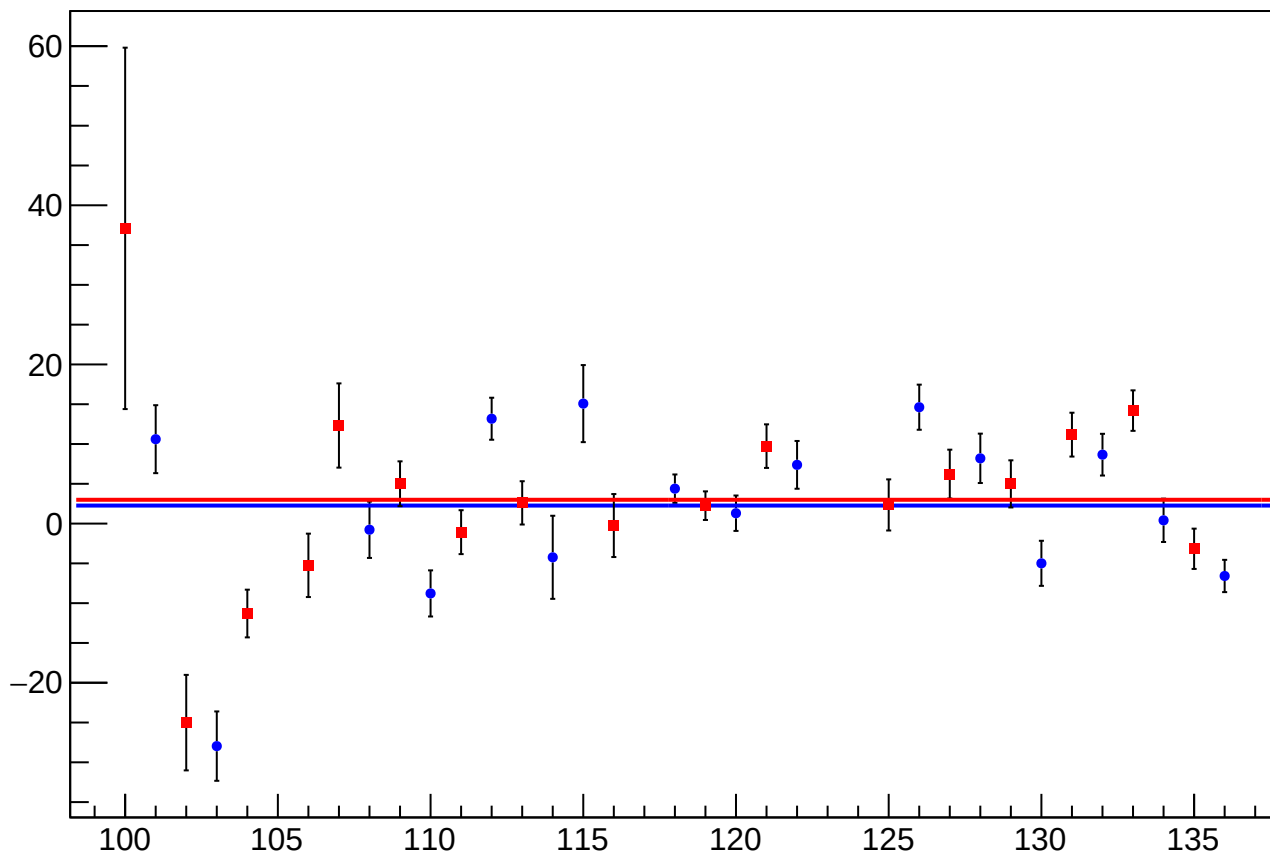
Right: 34.433+/-0.458 χ^2/NDF : 1713.3/32

In: 36.118+/-0.656 χ^2/NDF : 622.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.433+/-0.458 χ^2/NDF : 1713.3/32

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: 2.992+/-0.726 χ^2/NDF : 99.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

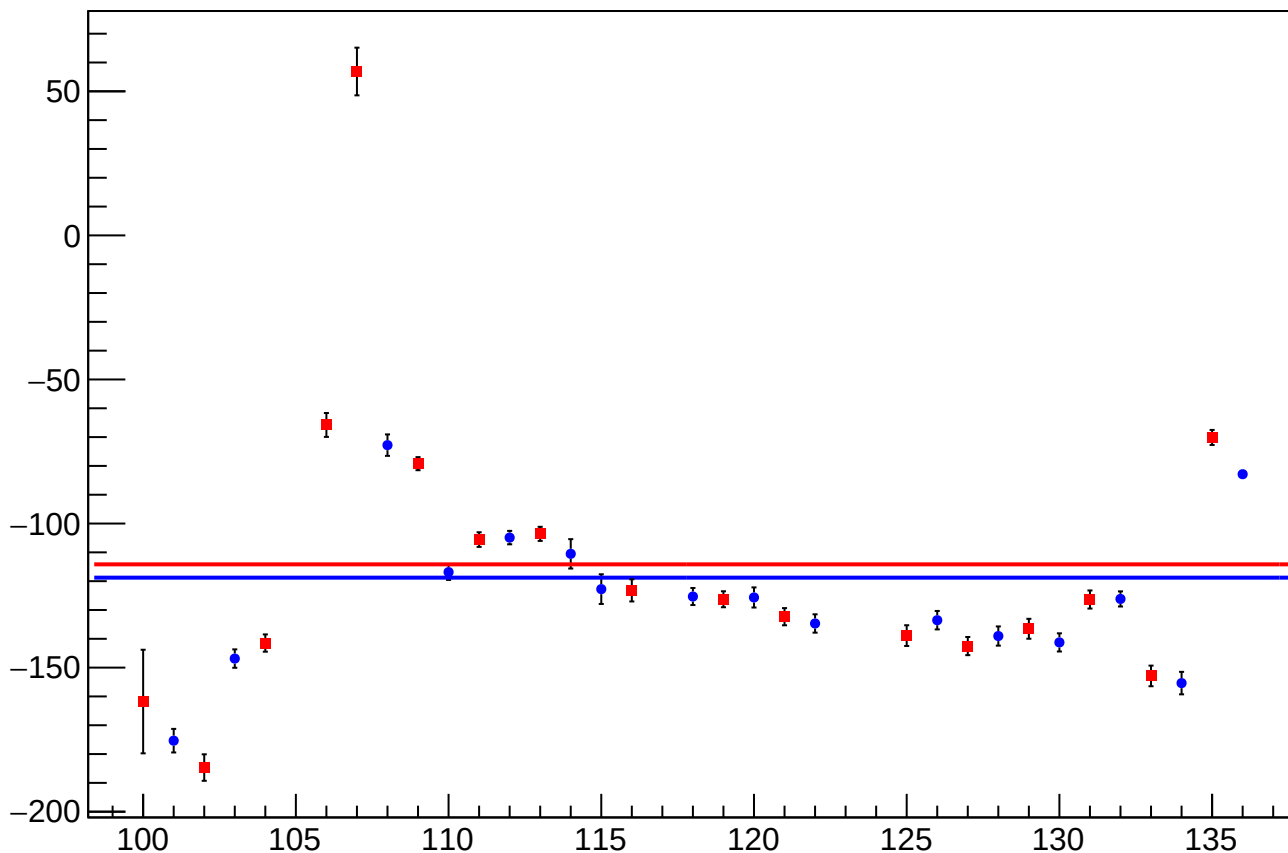
Right: 2.616+/-0.504 χ^2/NDF : 252.0/32

In: 2.265+/-0.701 χ^2/NDF : 152.0/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.616+/-0.504 χ^2/NDF : 252.0/32

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: -114.164+/-0.779 χ^2 /NDF: 1804.3/16

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0

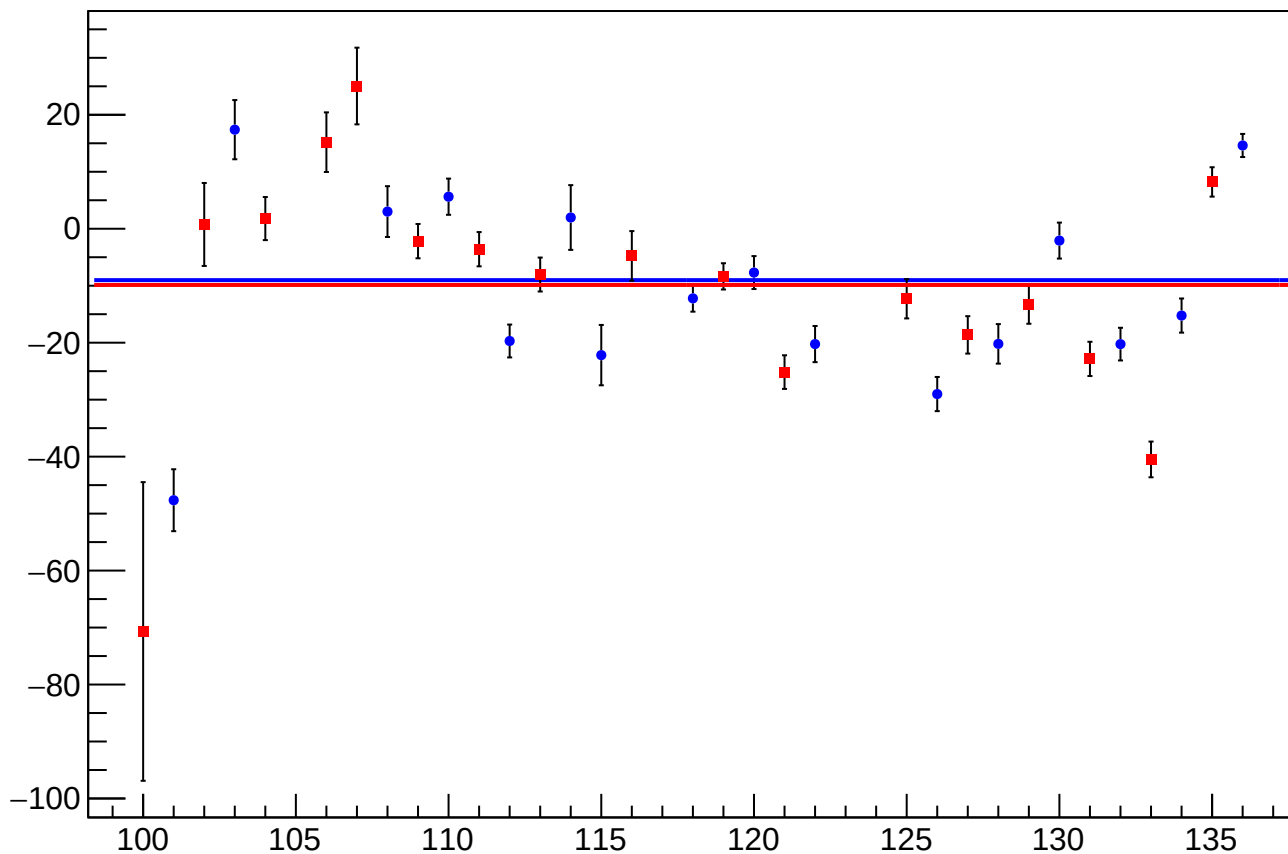
Right: -116.537+/-0.543 χ^2 /NDF: 2941.9/32

In: -118.778+/-0.757 χ^2 /NDF:1119.5/15

Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

All: -116.537+/-0.543 χ^2 /NDF: 2941.9/32

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: -9.867+/-0.825 χ^2/NDF : 278.7/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

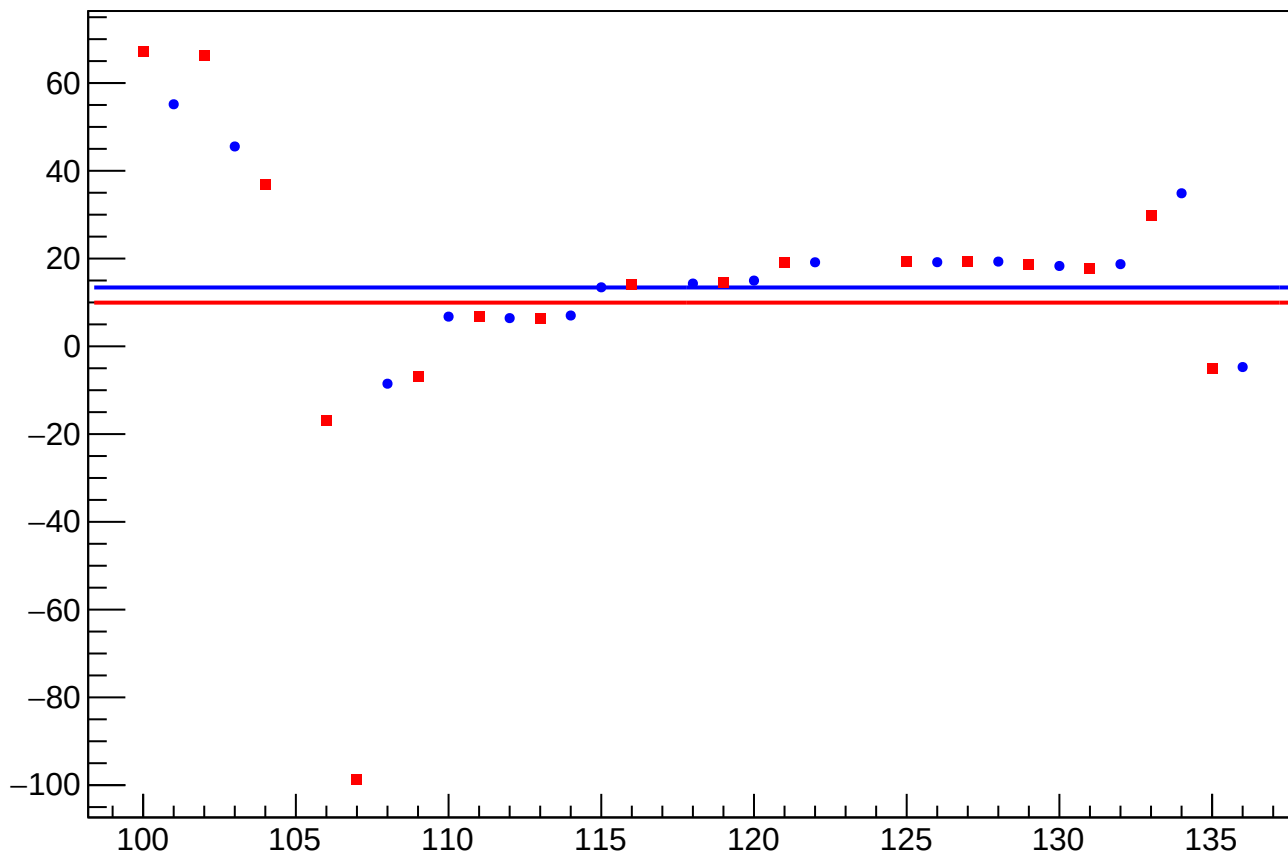
Right: -9.429+/-0.573 χ^2/NDF : 637.3/32

In: -9.022+/-0.796 χ^2/NDF :358.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -9.429+/-0.573 χ^2/NDF : 637.3/32

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: 9.958 ± 0.049 χ^2/NDF : 285077.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

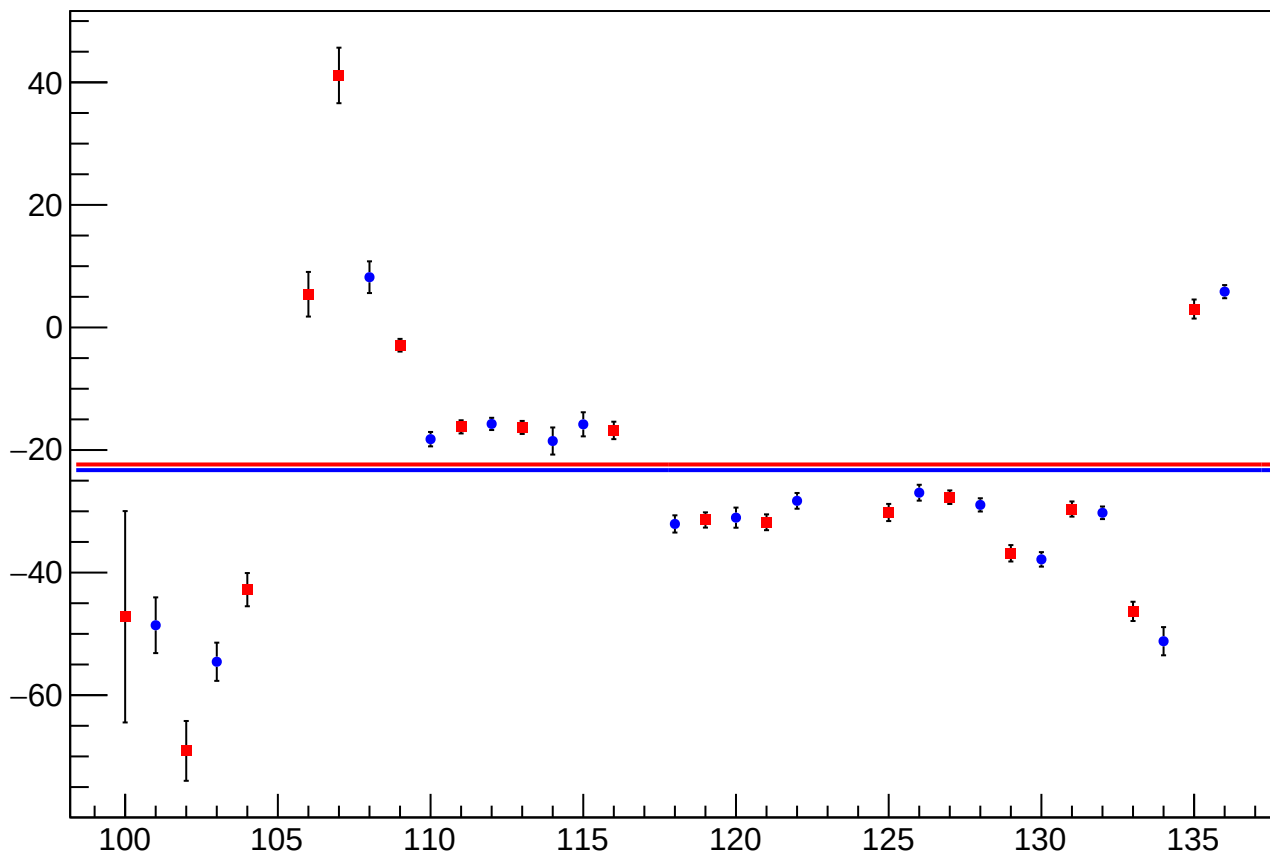
Right: 11.827 ± 0.033 χ^2/NDF : 471455.7/32

In: 13.412 ± 0.045 χ^2/NDF : 183707.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 11.827 ± 0.033 χ^2/NDF : 471455.7/32

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: -22.358+/-0.352 χ^2/NDF : 1650.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

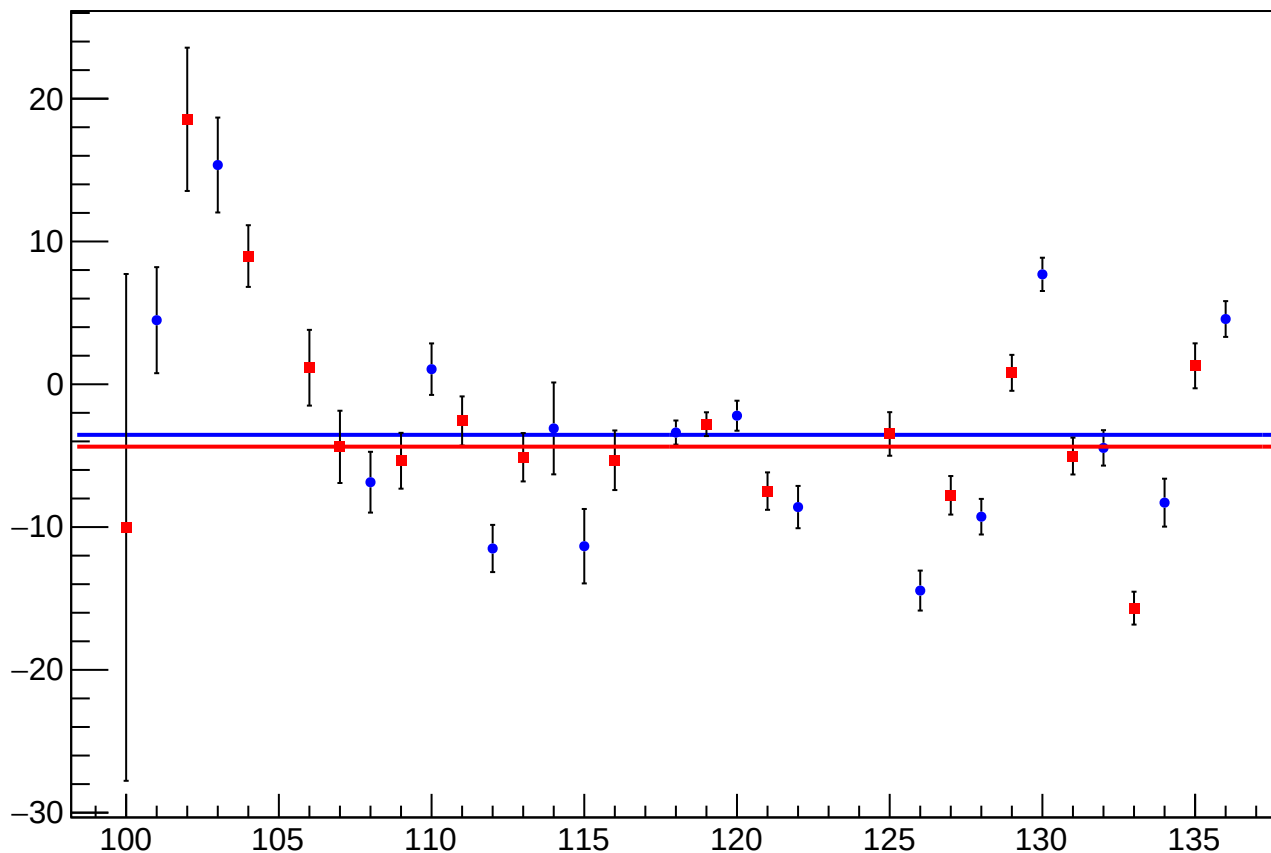
Right: -22.821+/-0.248 χ^2/NDF : 3222.1/32

In: -23.281+/-0.350 χ^2/NDF : 1567.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.821+/-0.248 χ^2/NDF : 3222.1/32

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: -4.368 ± 0.374 χ^2/NDF : 207.8/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

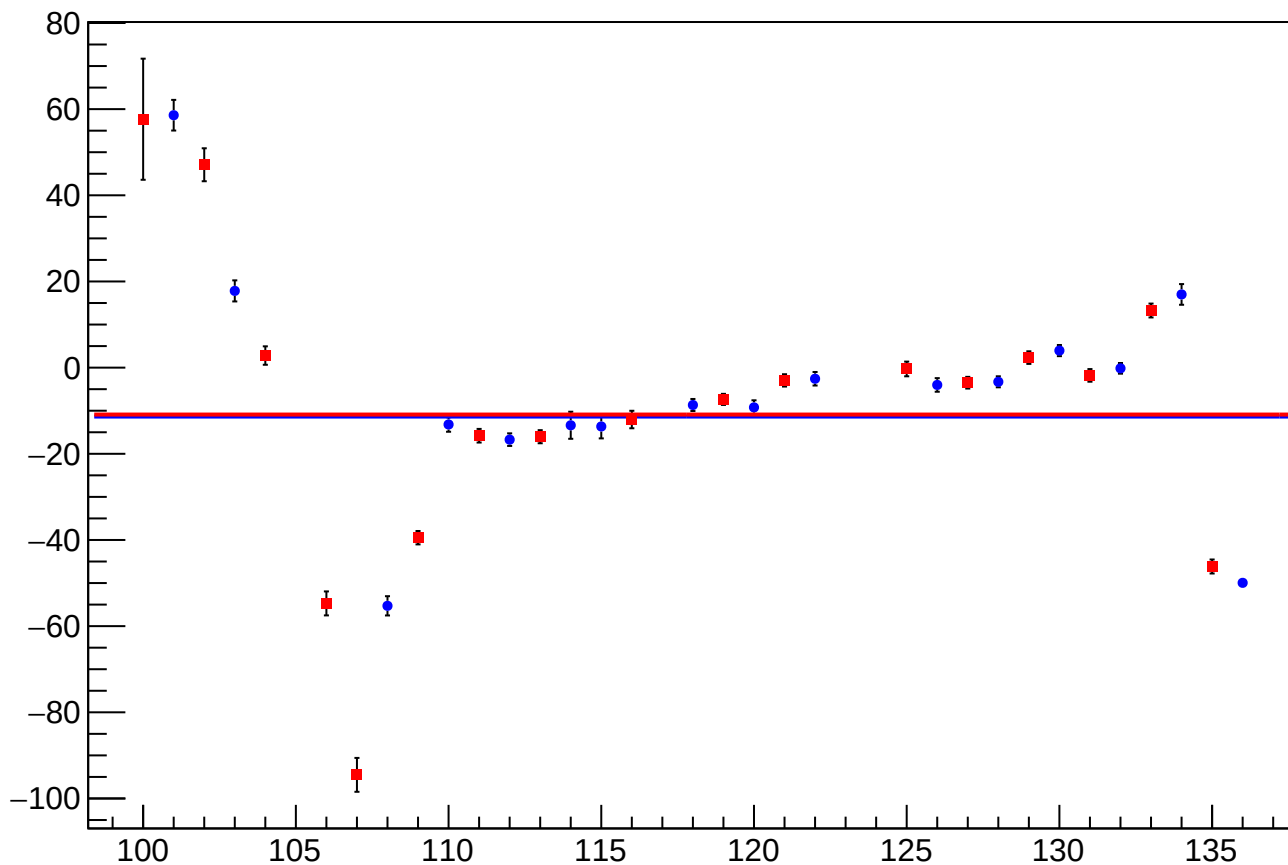
Right: -3.941 ± 0.261 χ^2/NDF : 527.0/32

In: -3.541 ± 0.363 χ^2/NDF : 316.8/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.941 ± 0.261 χ^2/NDF : 527.0/32

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: -10.890 ± 0.421 χ^2/NDF : 2276.6/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

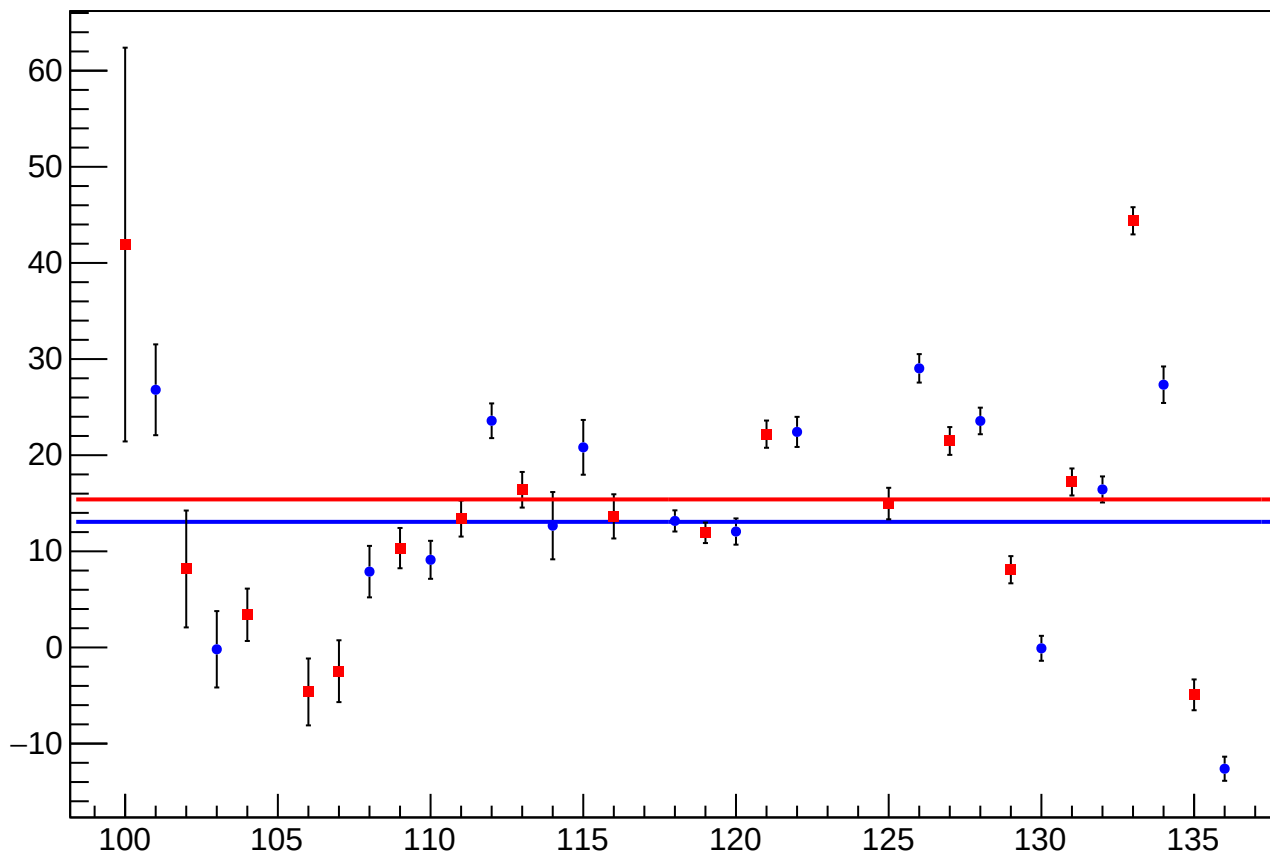
Right: -11.131 ± 0.292 χ^2/NDF : 4938.8/32

In: -11.355 ± 0.406 χ^2/NDF : 2661.6/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.131 ± 0.292 χ^2/NDF : 4938.8/32

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: 13.066+/-0.415 χ^2/NDF : 863.4/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.399+/-0.428 χ^2/NDF : 754.1/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

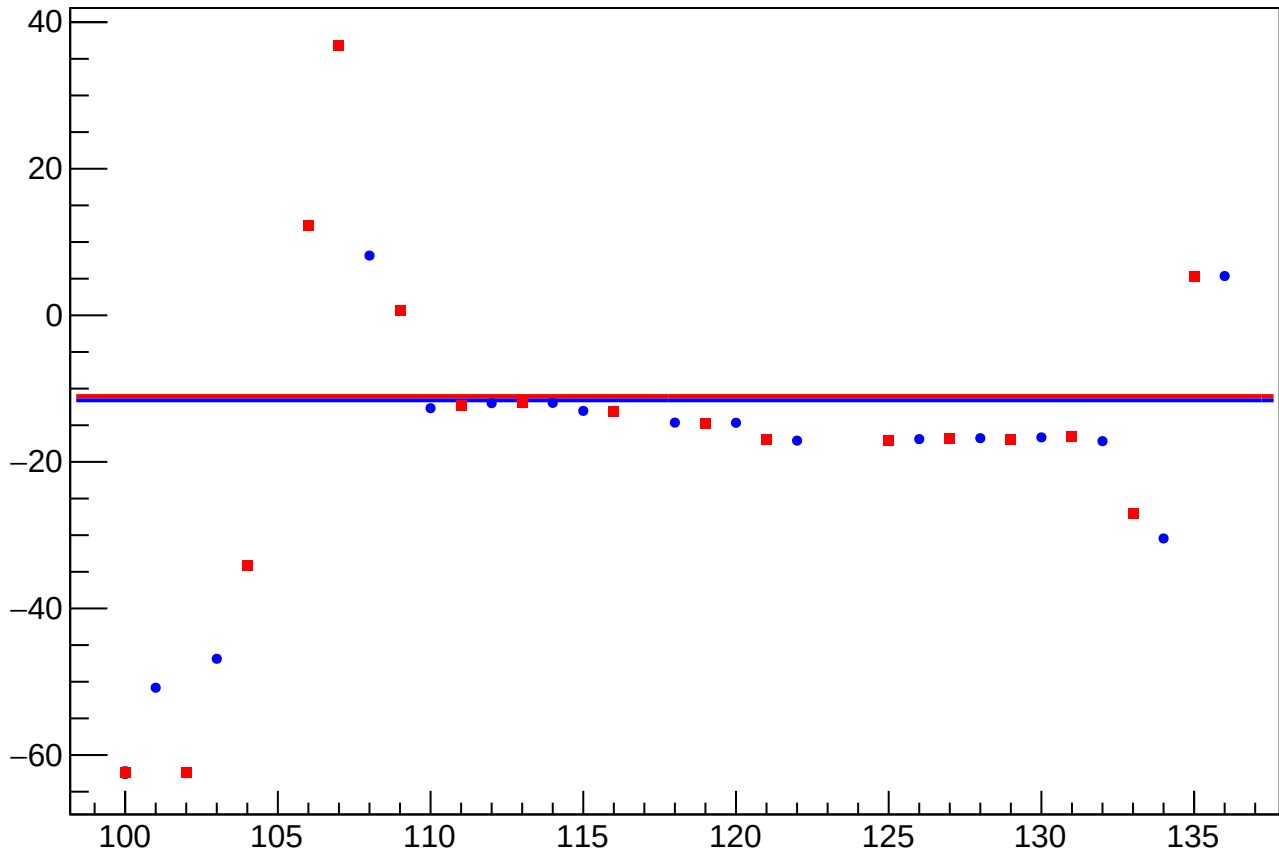
Right: 14.196+/-0.298 χ^2/NDF : 1632.9/32

In: 13.066+/-0.415 χ^2/NDF : 863.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.196+/-0.298 χ^2/NDF : 1632.9/32

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: -11.021 $\pm$ 0.028 χ^2 /NDF: 375803.8/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

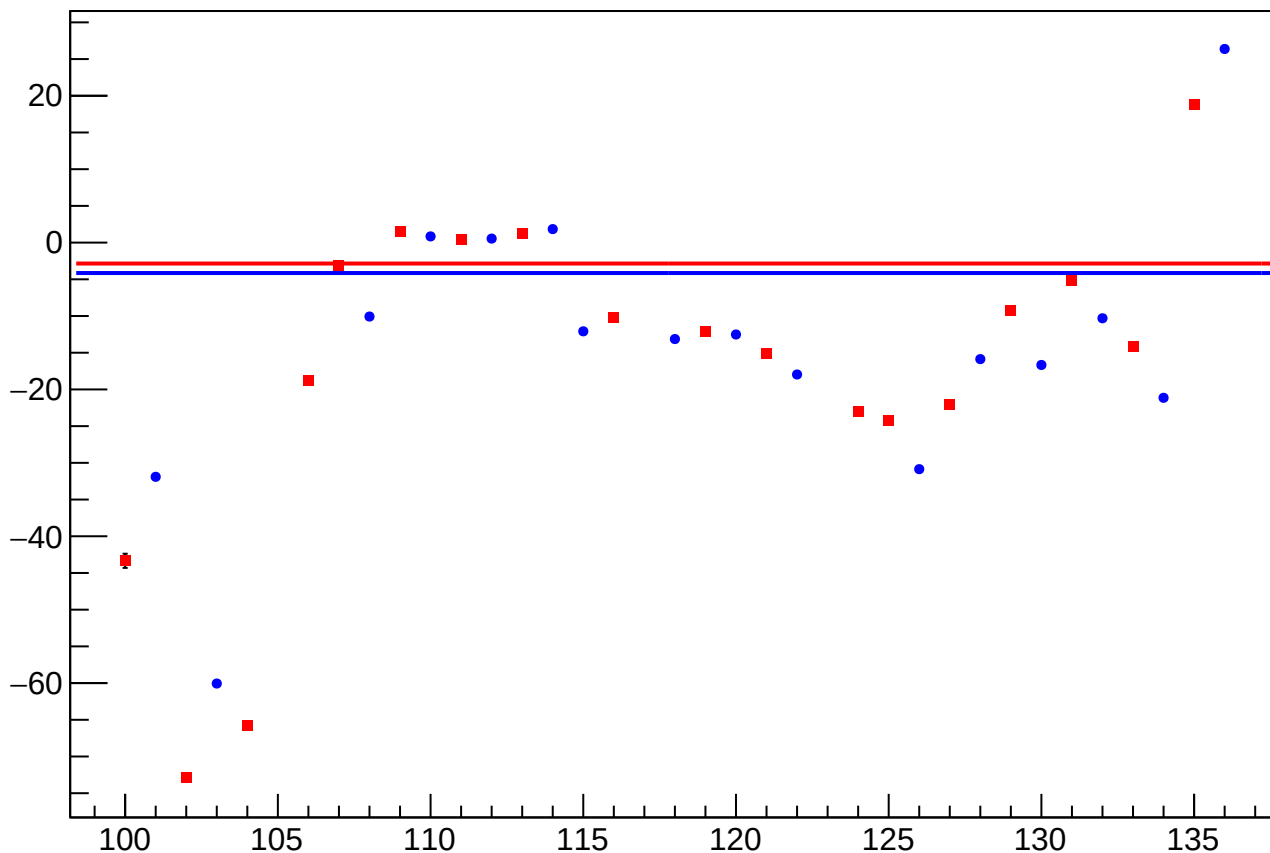
Right: -11.330 $\pm$ 0.019 χ^2 /NDF: 736548.1/32

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: -11.330 $\pm$ 0.019 χ^2 /NDF: 736548.1/32

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: -2.850+/-0.047 χ^2/NDF : 75066.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

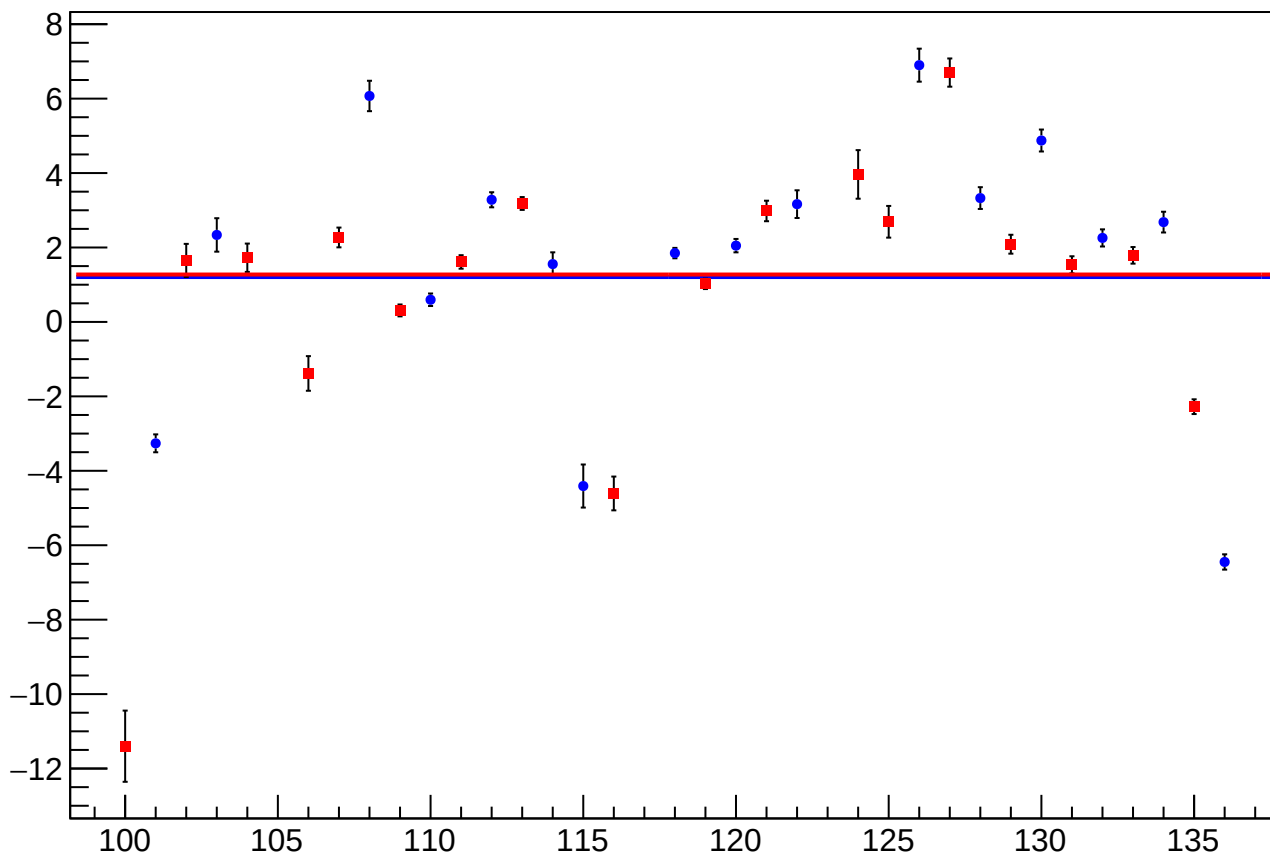
Right: -3.394+/-0.035 χ^2/NDF : 150654.2/33

In: -4.145+/-0.055 χ^2/NDF : 75262.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.394+/-0.035 χ^2/NDF : 150654.2/33

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: 1.274+/-0.058 χ^2/NDF : 1167.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

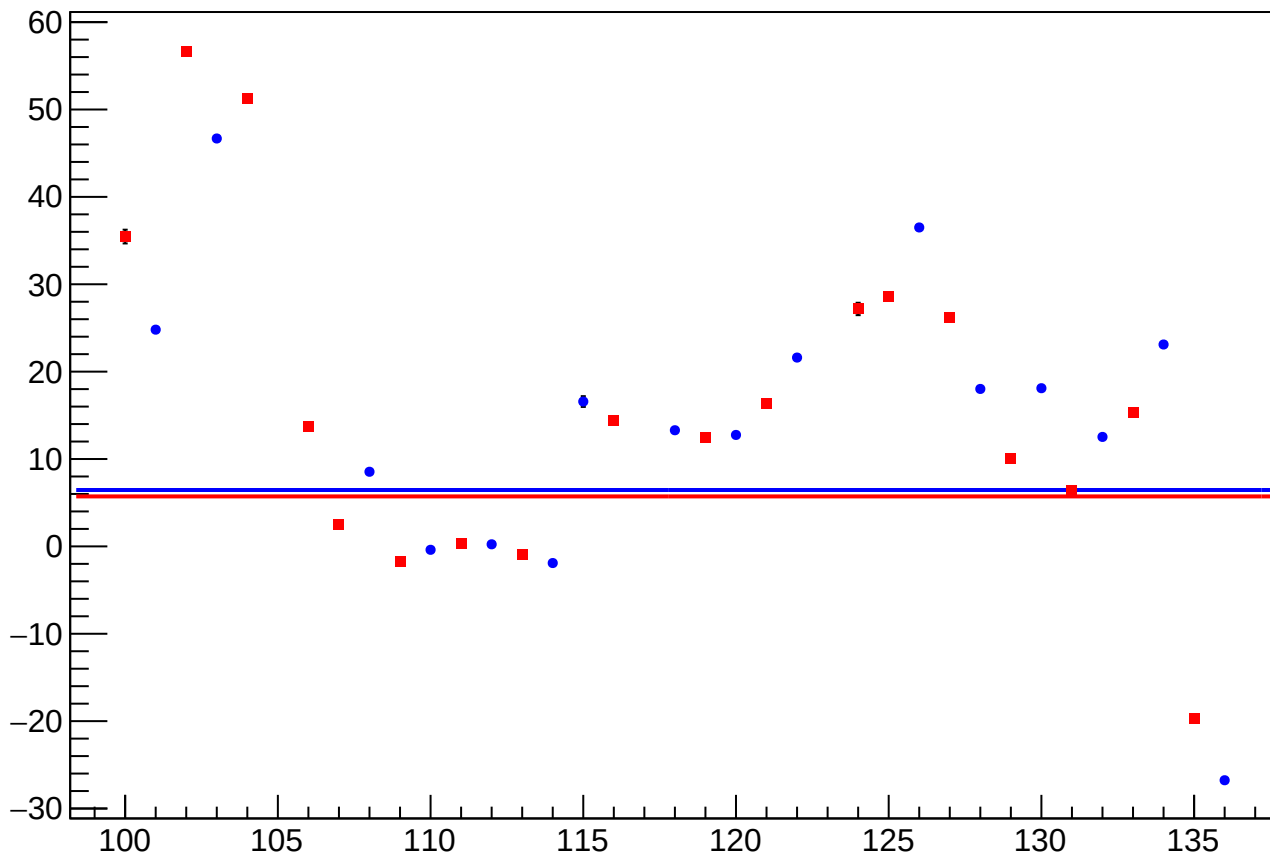
Right: 1.241+/-0.042 χ^2/NDF : 3753.0/33

In: 1.206+/-0.060 χ^2/NDF : 2584.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.241+/-0.042 χ^2/NDF : 3753.0/33

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.453+/-0.065 χ^2/NDF : 70671.1/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.720+/-0.060 χ^2/NDF : 68268.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

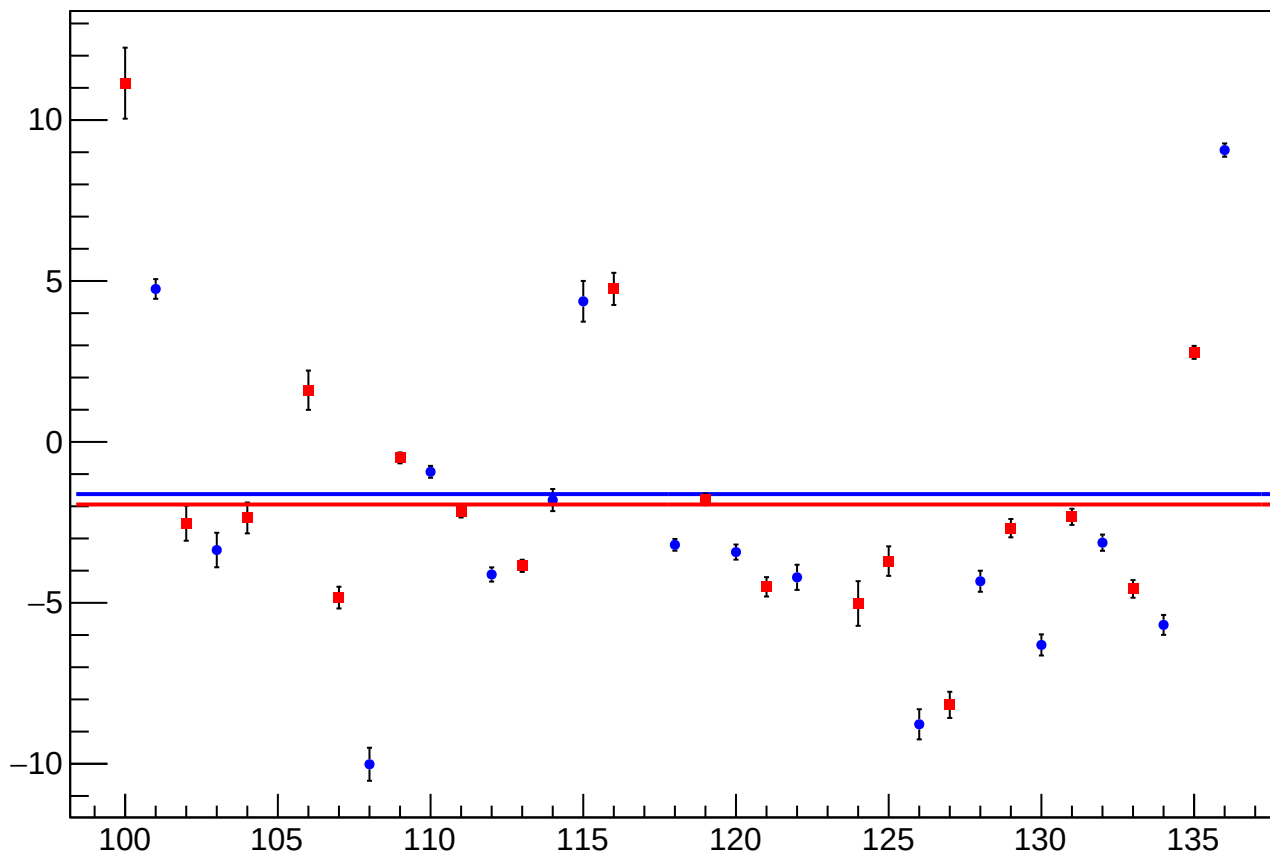
Right: 6.056+/-0.044 χ^2/NDF : 139007.7/33

In: 6.453+/-0.065 χ^2/NDF : 70671.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.056+/-0.044 χ^2/NDF : 139007.7/33

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: -1.944+/-0.065 χ^2/NDF : 1597.7/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

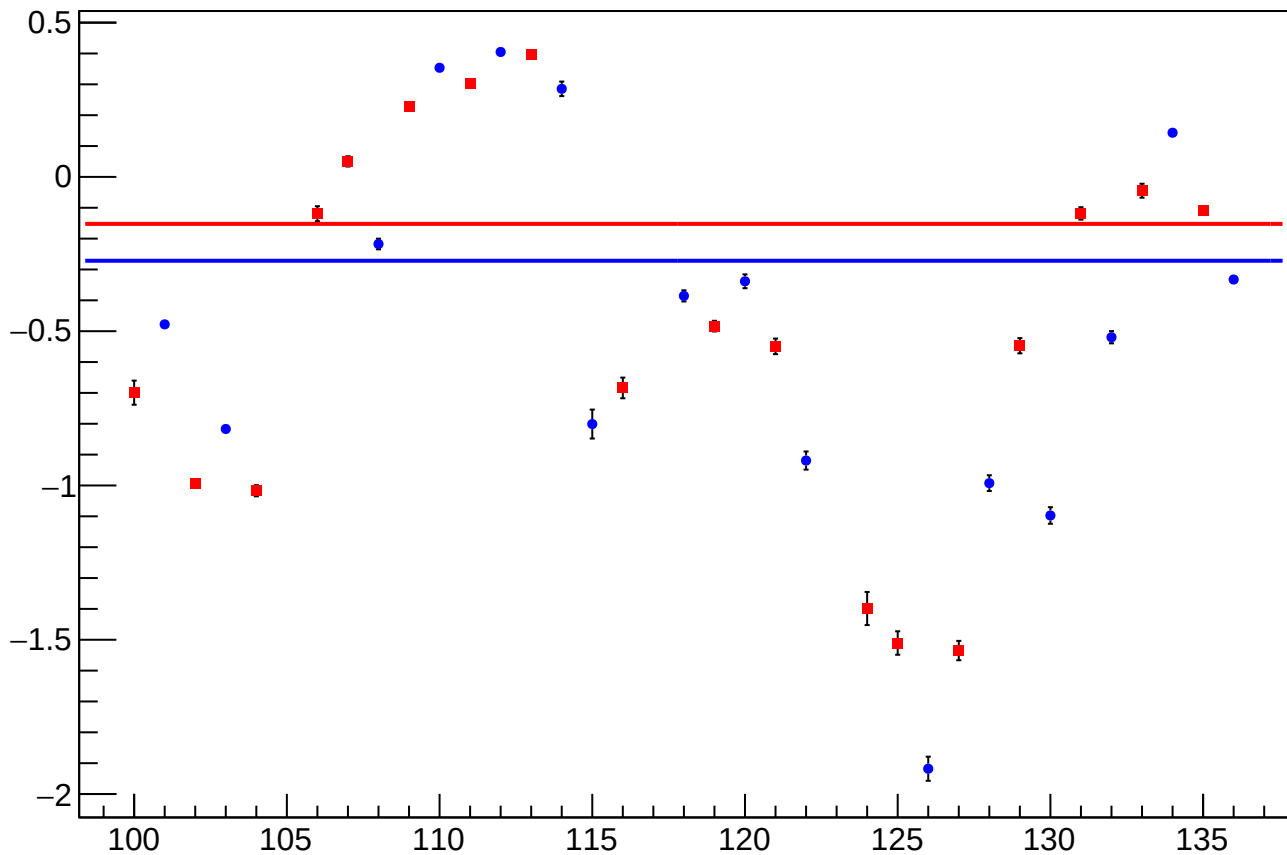
Right: -1.793+/-0.048 χ^2/NDF : 6134.4/33

In: -1.622+/-0.070 χ^2/NDF : 4525.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.793+/-0.048 χ^2/NDF : 6134.4/33

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.272 ± 0.004 $\chi^2/\text{NDF}: 12048.2/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.152 ± 0.004 $\chi^2/\text{NDF}: 15300.6/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

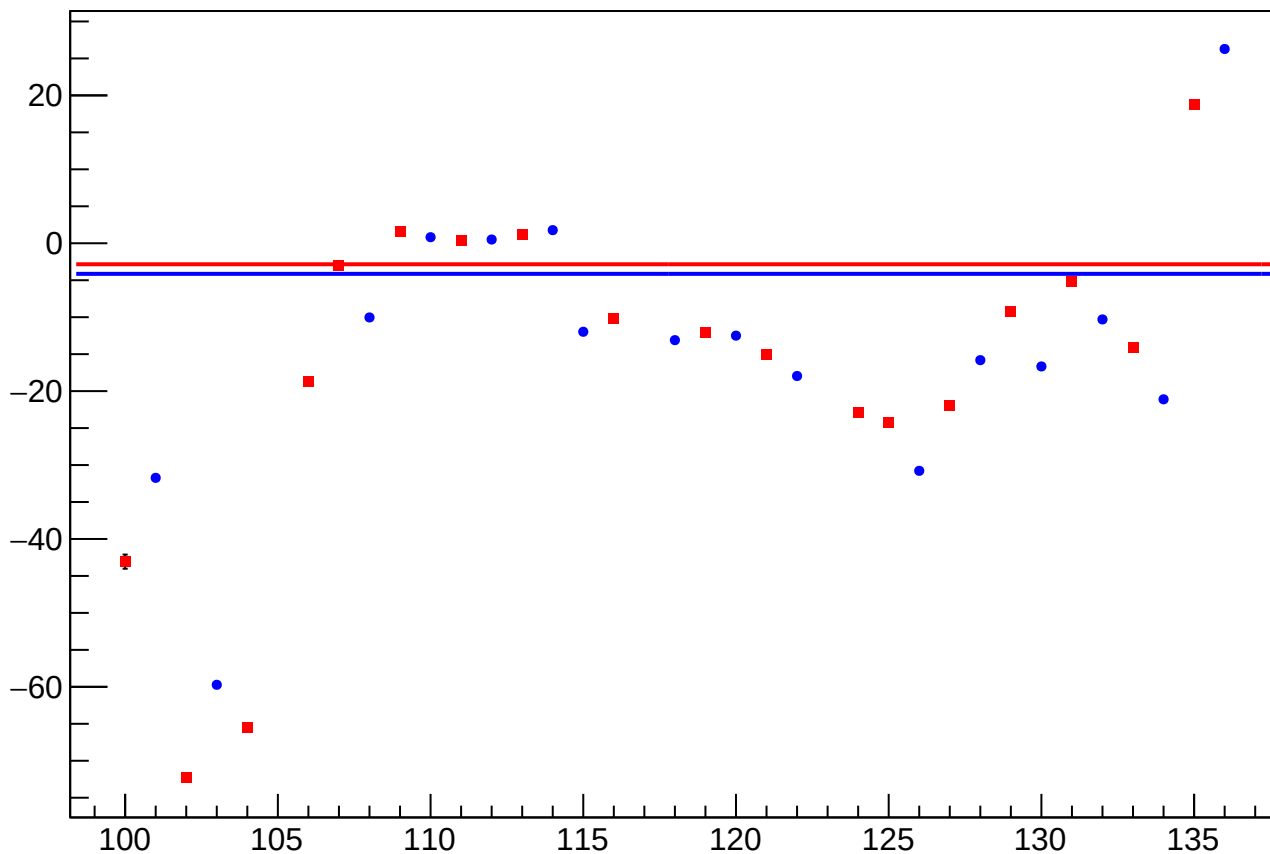
Right: -0.208 ± 0.003 $\chi^2/\text{NDF}: 27789.3/33$

In: -0.272 ± 0.004 $\chi^2/\text{NDF}: 12048.2/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.208 ± 0.003 $\chi^2/\text{NDF}: 27789.3/33$

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: -2.843+/-0.046 χ^2/NDF : 74996.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

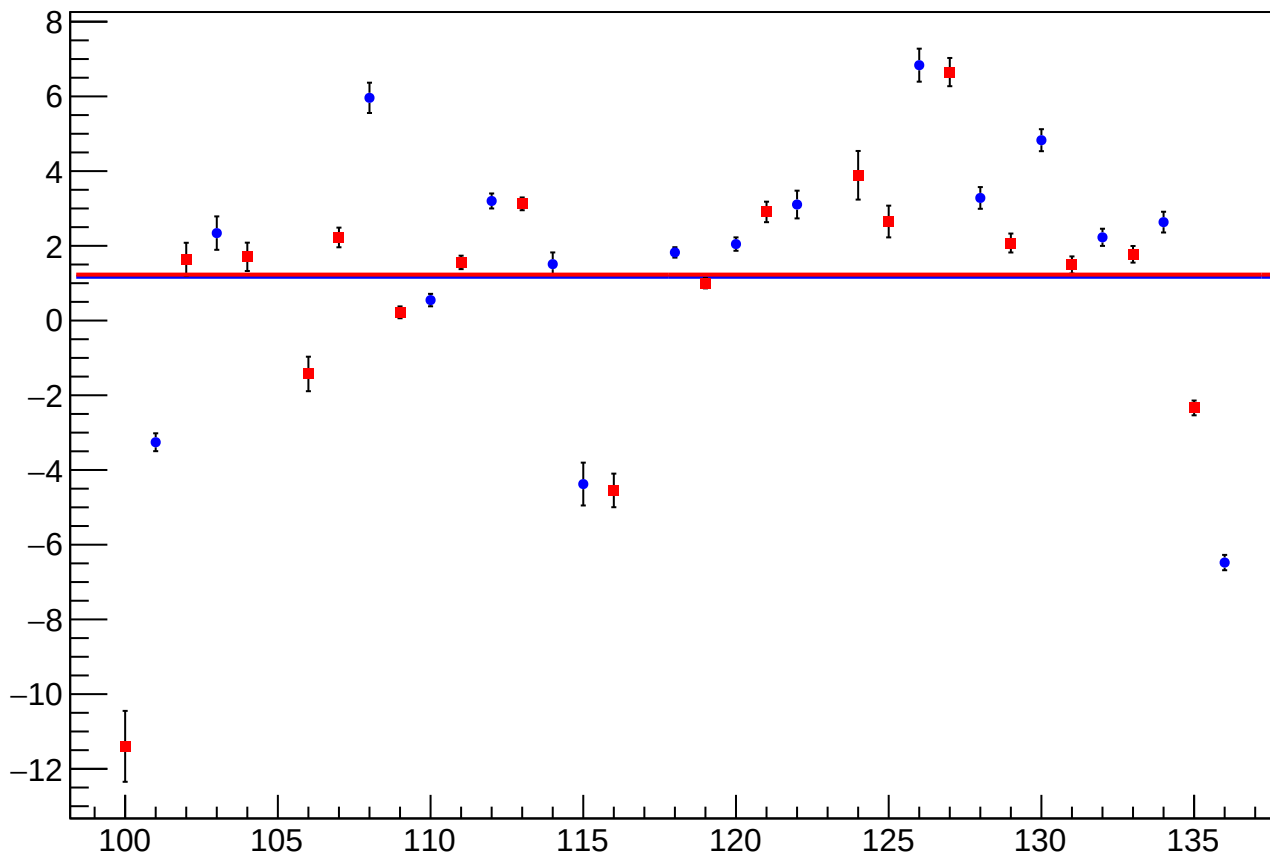
Right: -3.387+/-0.035 χ^2/NDF : 150566.7/33

In: -4.139+/-0.054 χ^2/NDF : 75240.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.387+/-0.035 χ^2/NDF : 150566.7/33

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: 1.230+/-0.058 χ^2/NDF : 1175.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

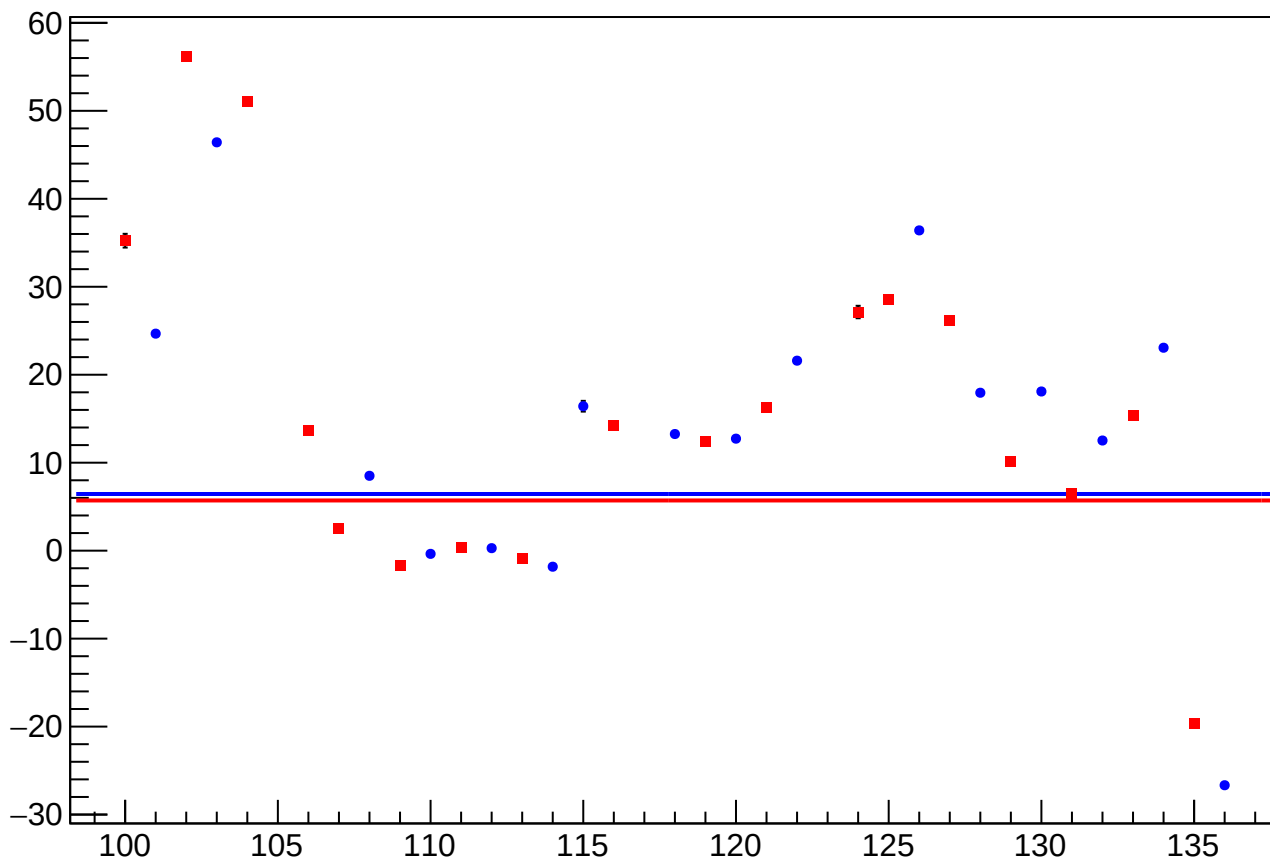
Right: 1.202+/-0.042 χ^2/NDF : 3760.6/33

In: 1.172+/-0.060 χ^2/NDF :2584.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.202+/-0.042 χ^2/NDF : 3760.6/33

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: 5.707 $\pm$ 0.060 χ^2 /NDF: 68173.2/17

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

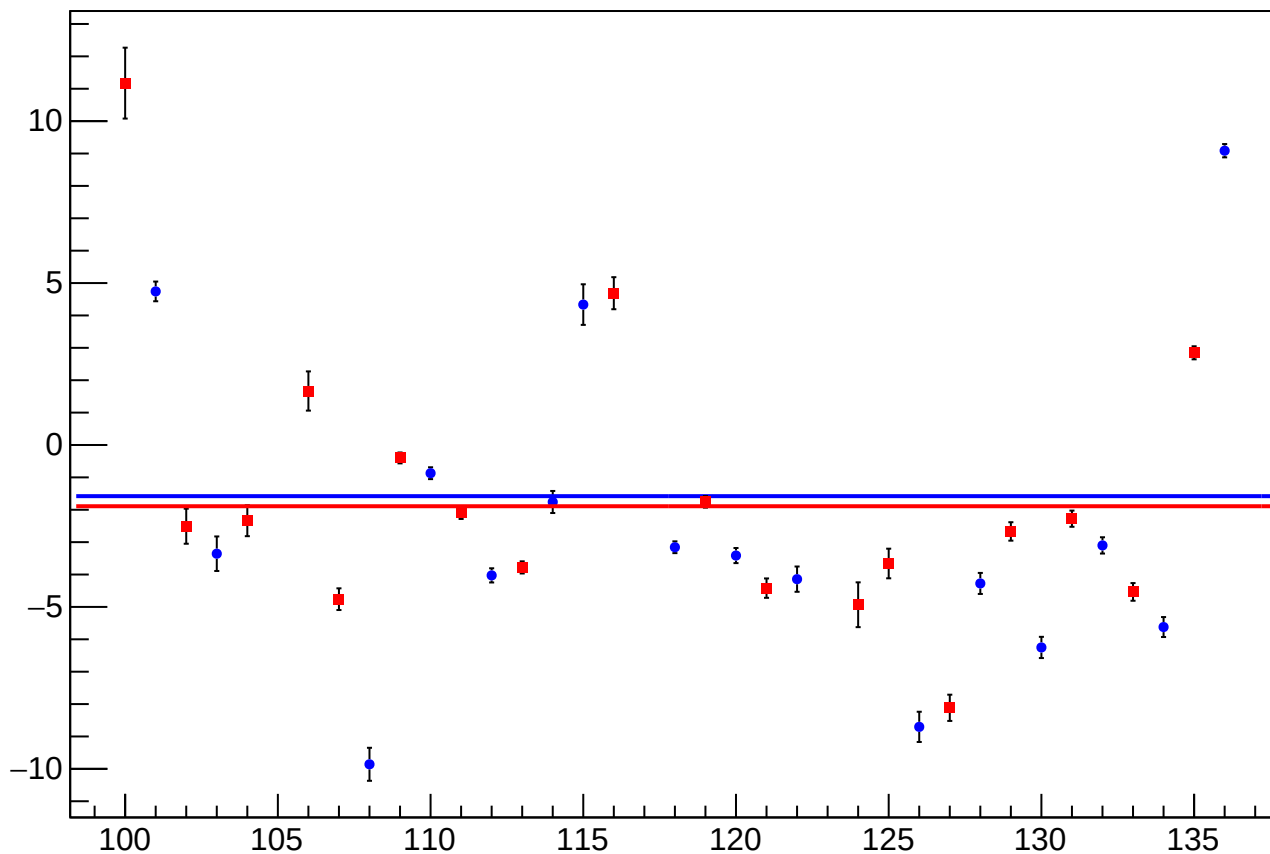
Right: 6.044 $\pm$ 0.044 χ^2 /NDF: 138873.1/33

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: 6.044 $\pm$ 0.044 χ^2 /NDF: 138873.1/33

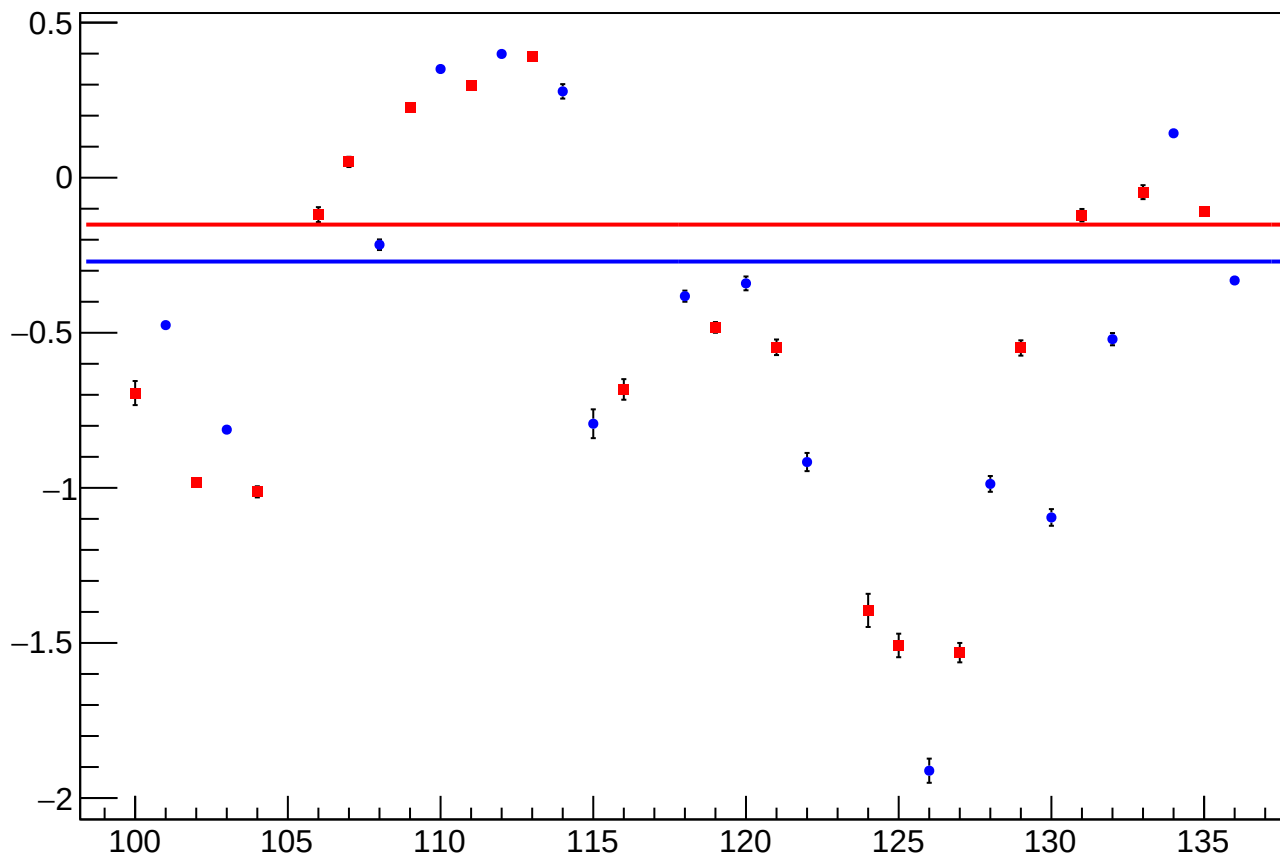
reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



Right In: -1.580+/-0.069 χ^2/NDF : 4524.3/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1.891+/-0.065 χ^2/NDF : 1608.7/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.745+/-0.047 χ^2/NDF : 6143.7/33
 In: -1.580+/-0.069 χ^2/NDF : 4524.3/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.745+/-0.047 χ^2/NDF : 6143.7/33

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: -0.151 ± 0.004 $\chi^2/\text{NDF}: 15317.5/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

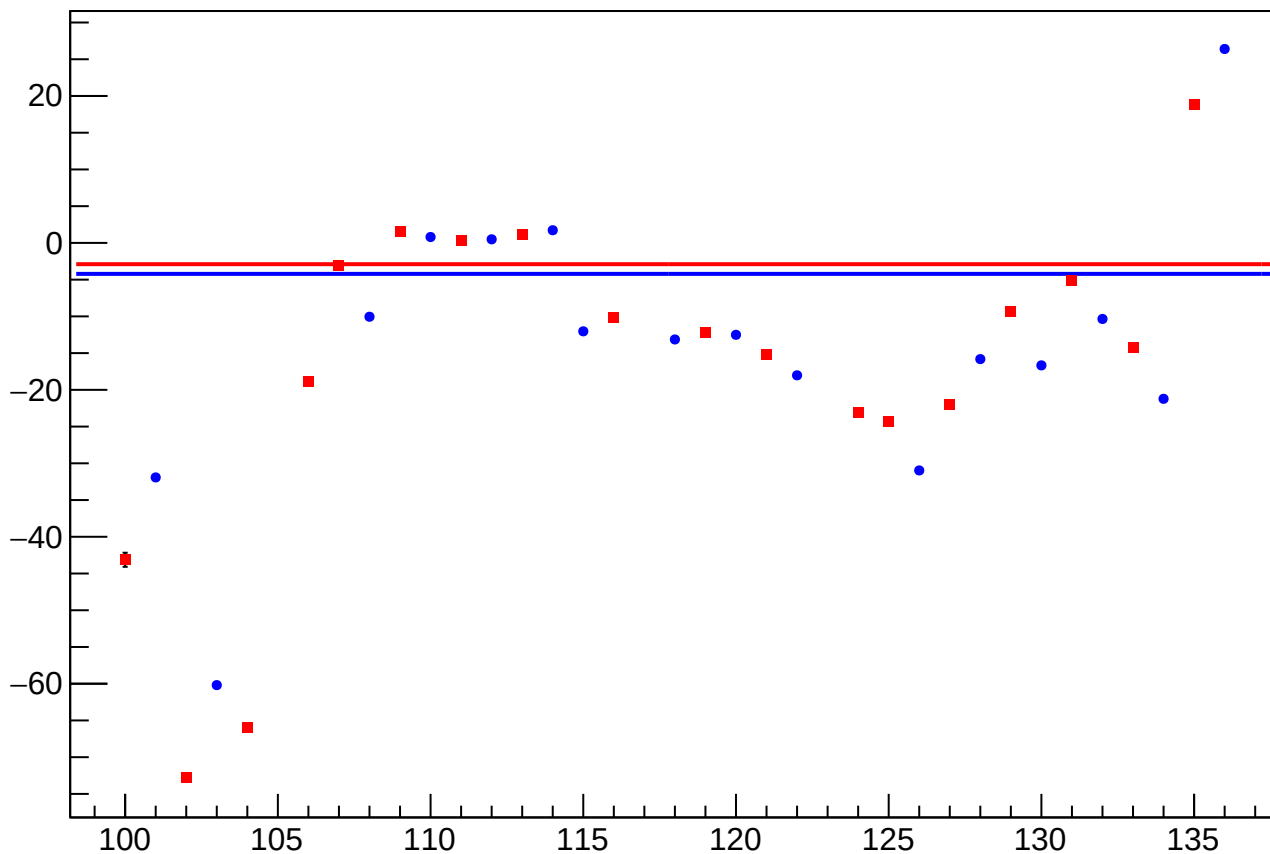
Right: -0.207 ± 0.003 $\chi^2/\text{NDF}: 27795.3/33$

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: -0.207 ± 0.003 $\chi^2/\text{NDF}: 27795.3/33$

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: -2.895+/-0.047 χ^2/NDF : 75042.6/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

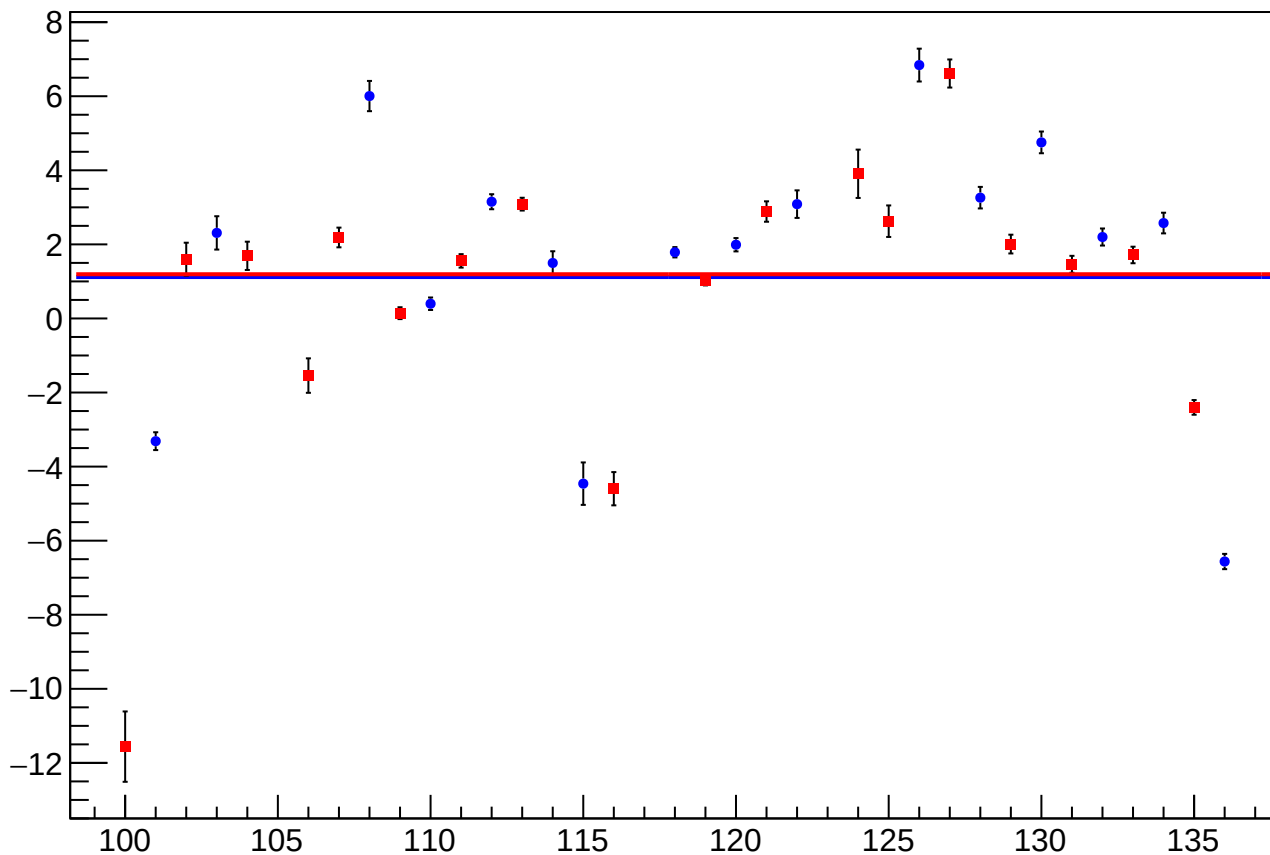
Right: -3.450+/-0.035 χ^2/NDF : 150595.1/33

In: -4.214+/-0.055 χ^2/NDF : 75215.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.450+/-0.035 χ^2/NDF : 150595.1/33

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: 1.194+/-0.058 χ^2/NDF : 1183.2/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

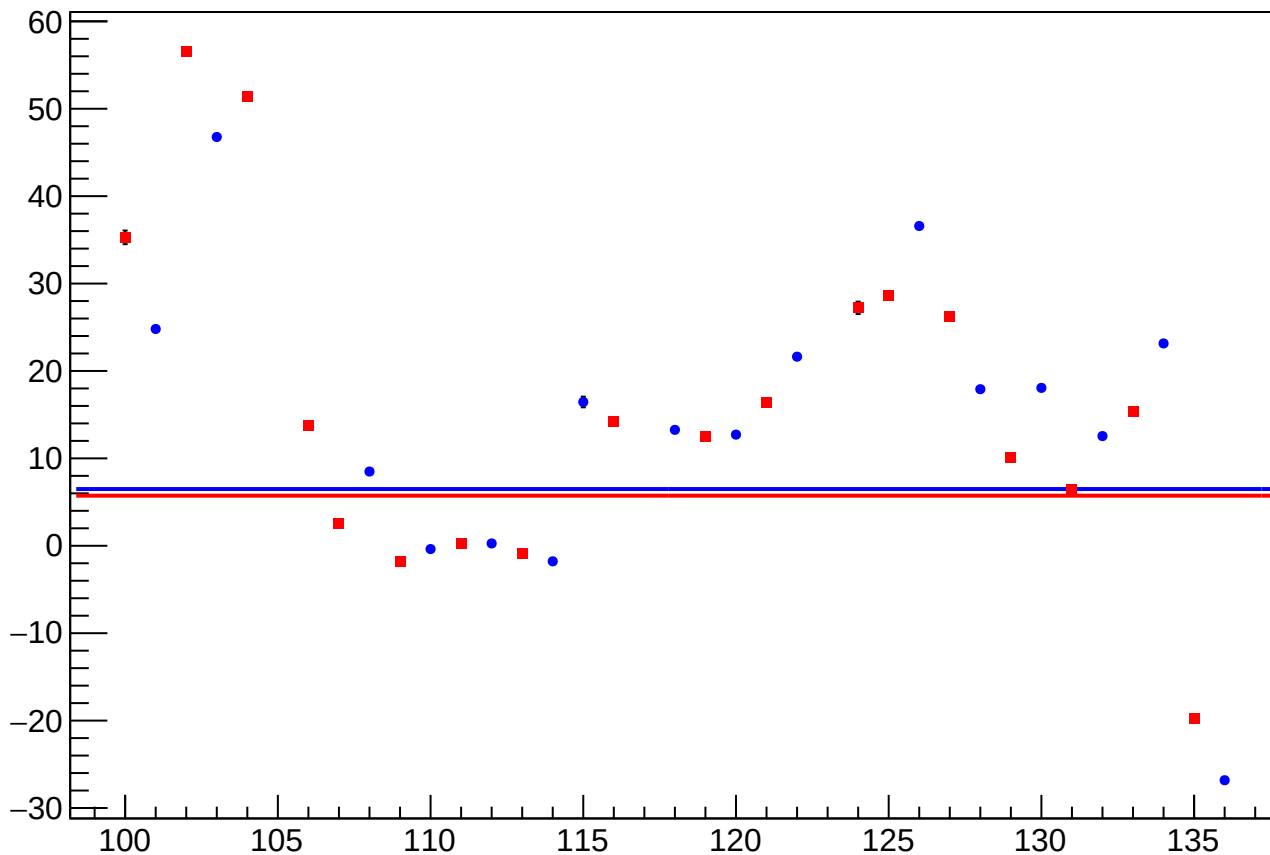
Right: 1.158+/-0.042 χ^2/NDF : 3775.7/33

In: 1.118+/-0.060 χ^2/NDF :2591.7/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.158+/-0.042 χ^2/NDF : 3775.7/33

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.492+/-0.065 χ^2/NDF : 70623.9/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.734+/-0.060 χ^2/NDF : 68270.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

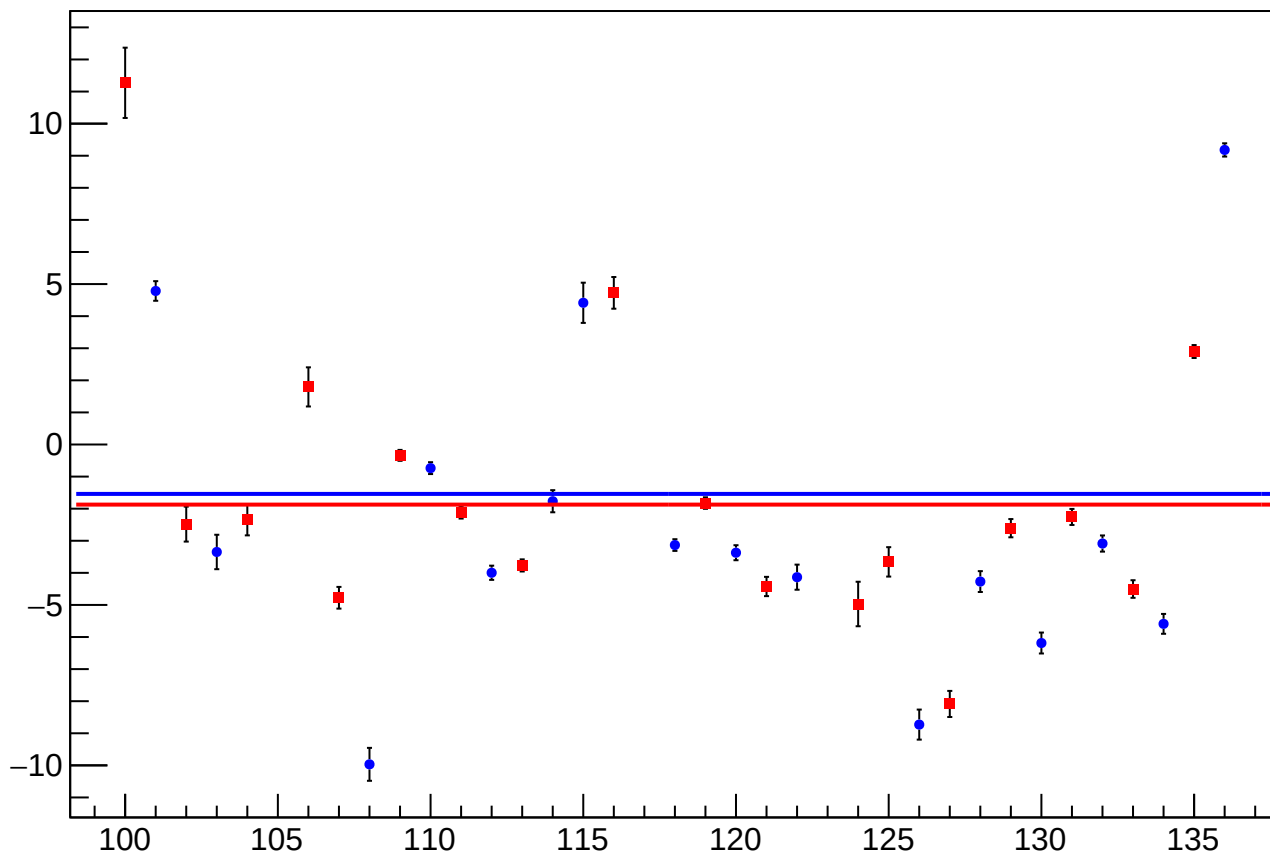
Right: 6.082+/-0.044 χ^2/NDF : 138967.1/33

In: 6.492+/-0.065 χ^2/NDF : 70623.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.082+/-0.044 χ^2/NDF : 138967.1/33

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: -1.873+/-0.065 χ^2/NDF : 1618.8/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

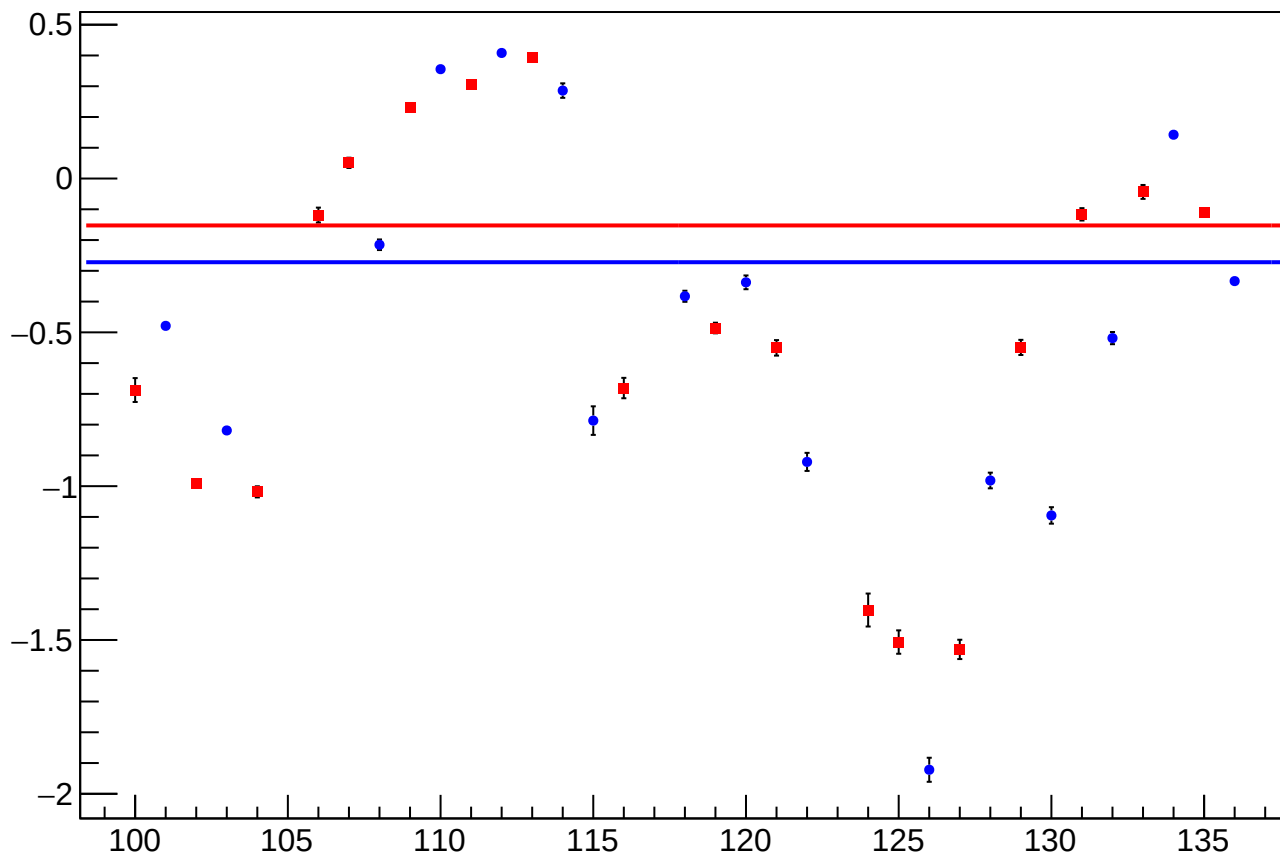
Right: -1.717+/-0.048 χ^2/NDF : 6166.9/33

In: -1.540+/-0.070 χ^2/NDF : 4535.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.717+/-0.048 χ^2/NDF : 6166.9/33

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: -0.153+/-0.004 χ^2/NDF : 15292.6/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

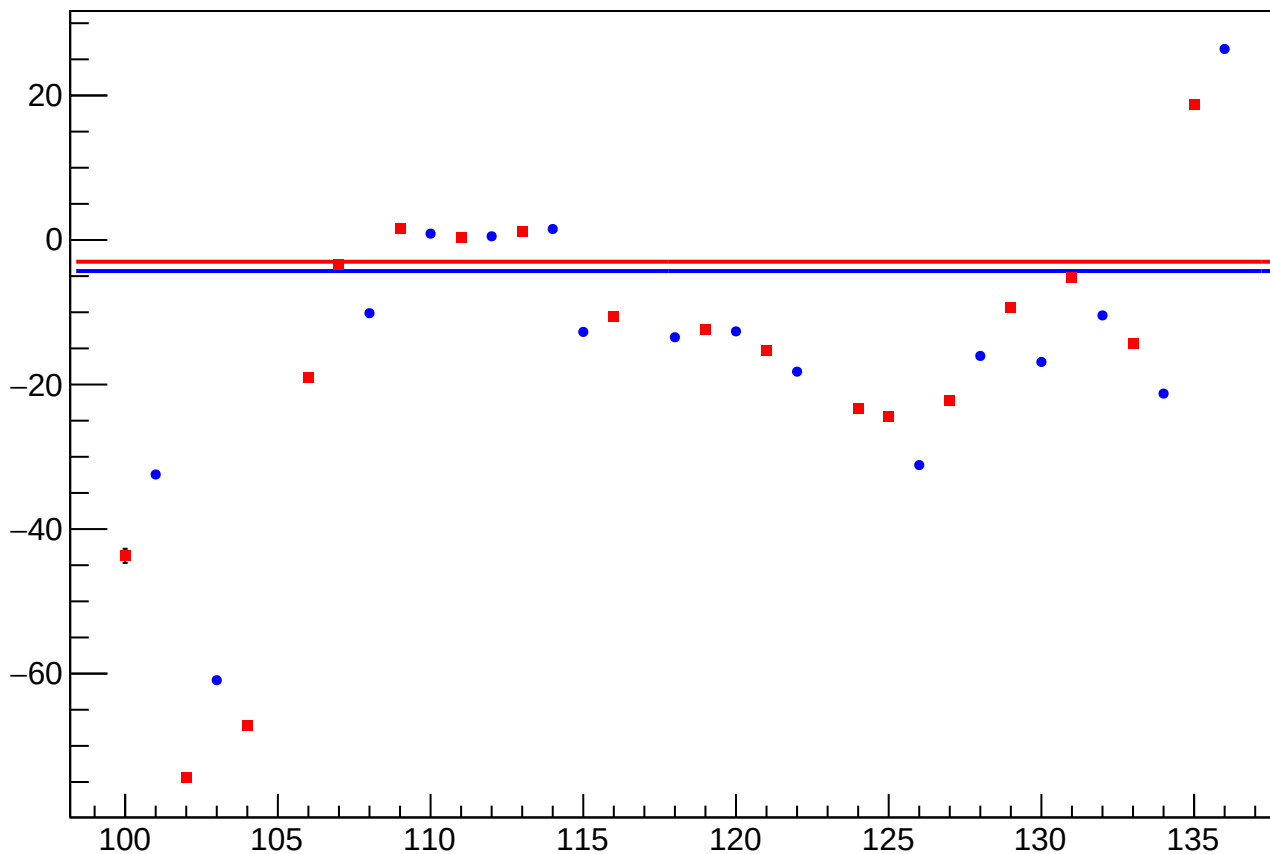
Right: -0.208+/-0.003 χ^2/NDF : 27796.1/33

In: -0.272+/-0.004 χ^2/NDF :12063.6/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.208+/-0.003 χ^2/NDF : 27796.1/33

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: -3.006+/-0.048 χ^2/NDF : 74260.5/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

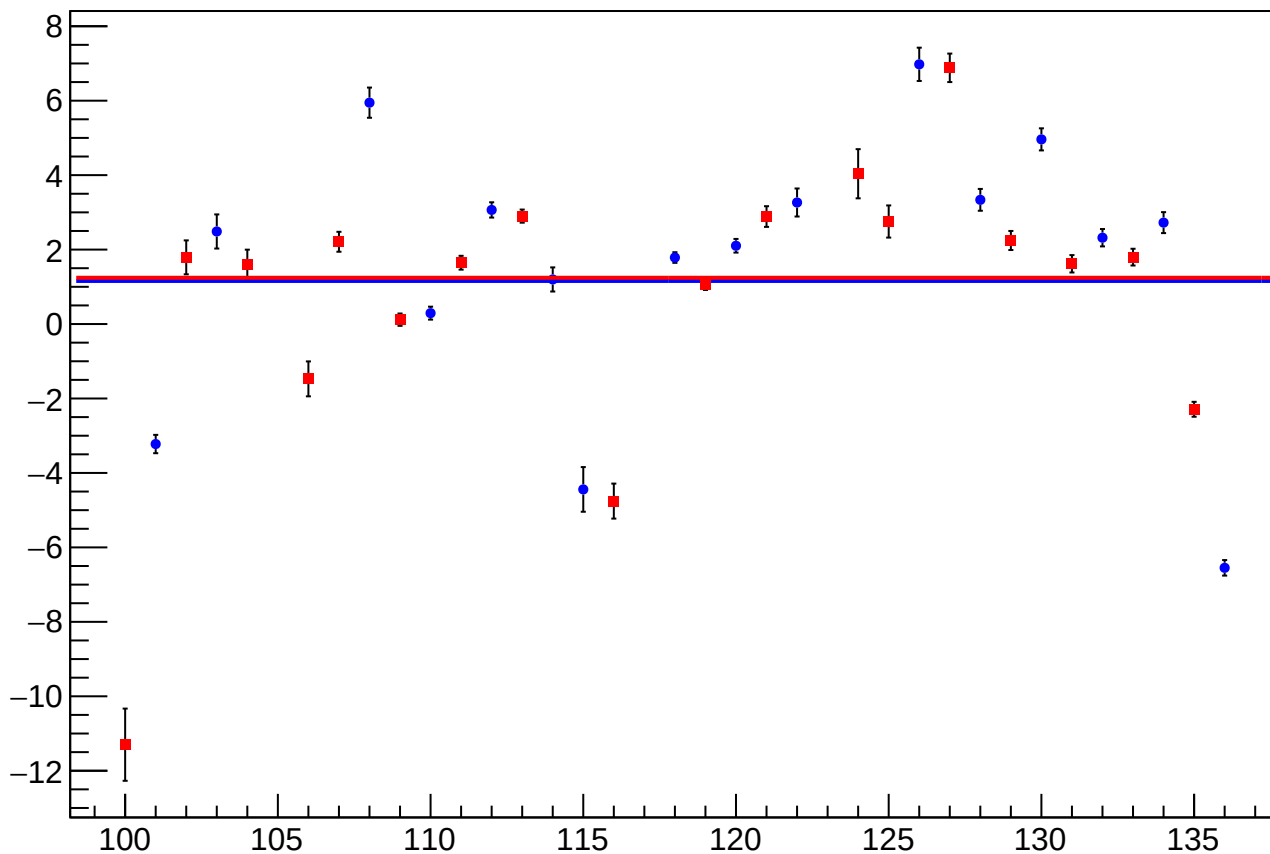
Right: -3.551+/-0.036 χ^2/NDF : 148788.0/33

In: -4.296+/-0.056 χ^2/NDF :74218.3/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.551+/-0.036 χ^2/NDF : 148788.0/33

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: 1.243+/-0.059 χ^2/NDF : 1138.1/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

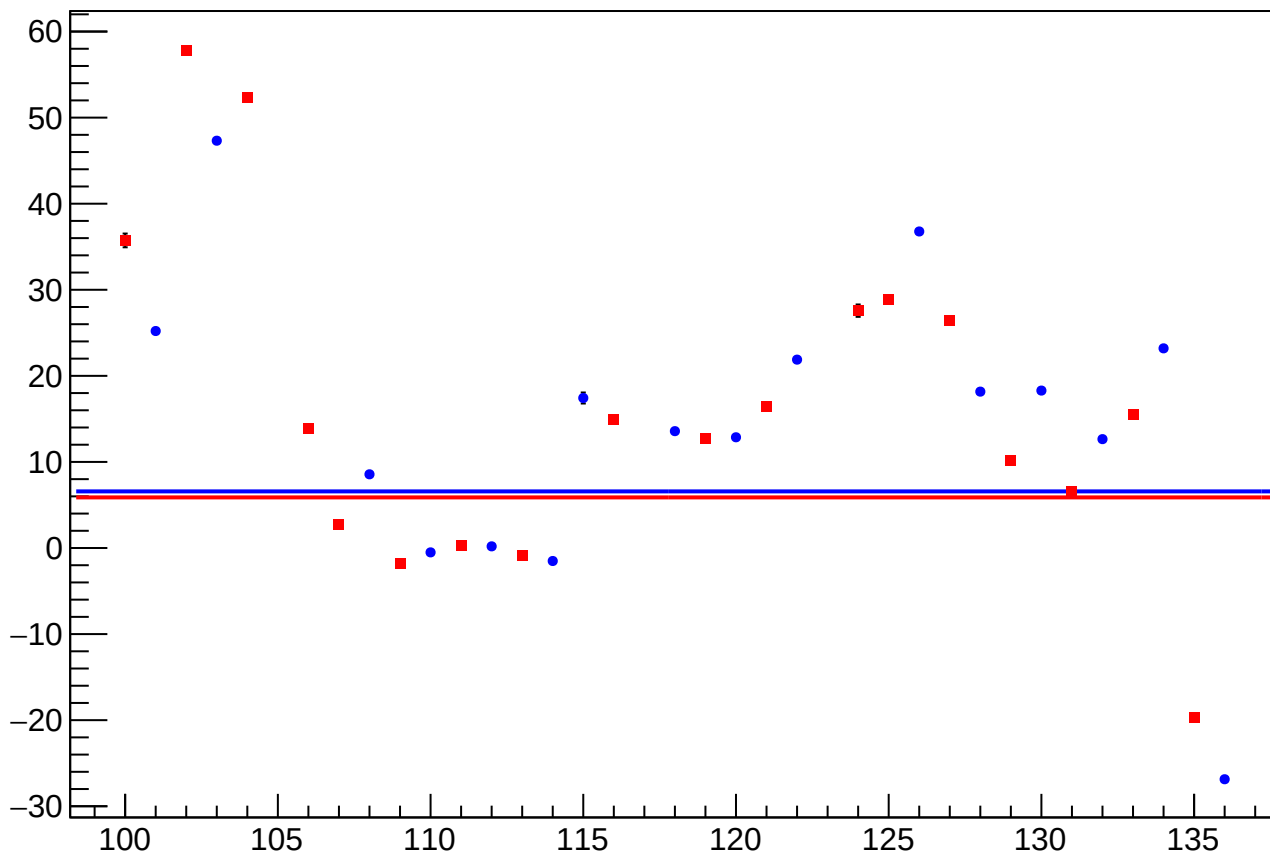
Right: 1.202+/-0.043 χ^2/NDF : 3689.0/33

In: 1.158+/-0.062 χ^2/NDF : 2549.9/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.202+/-0.043 χ^2/NDF : 3689.0/33

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 6.578+/-0.066 χ^2/NDF : 69731.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.879+/-0.061 χ^2/NDF : 67535.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

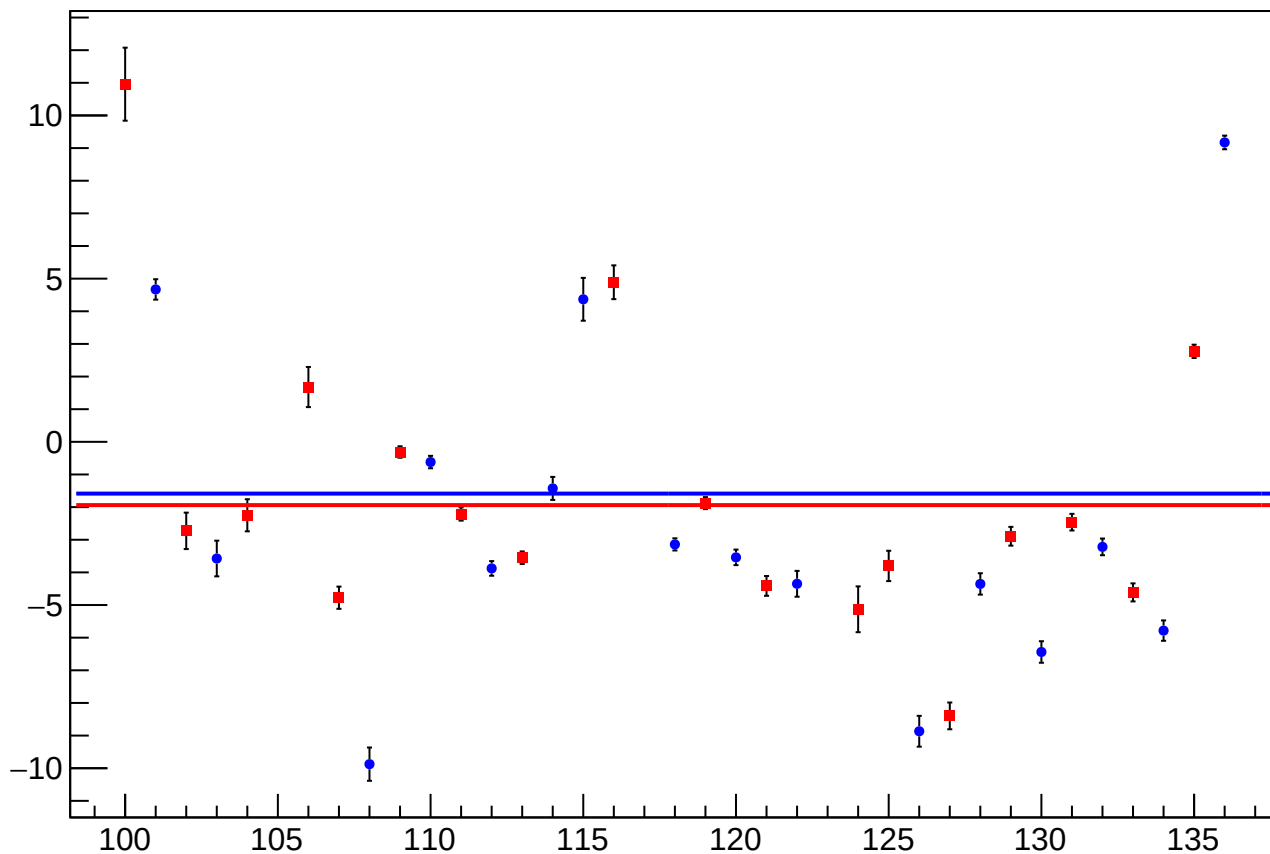
Right: 6.201+/-0.045 χ^2/NDF : 137327.2/33

In: 6.578+/-0.066 χ^2/NDF : 69731.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.201+/-0.045 χ^2/NDF : 137327.2/33

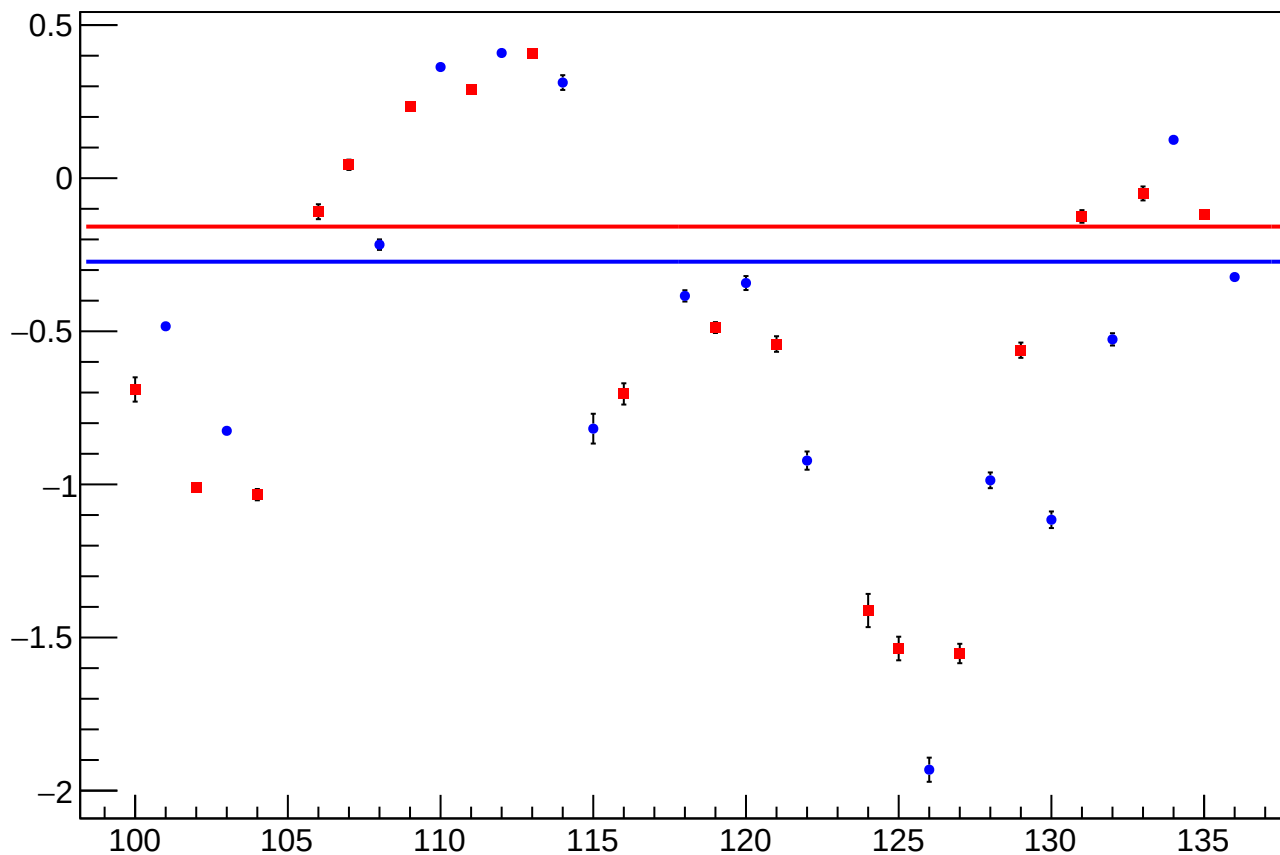
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -1.939 ± 0.067 χ^2/NDF : 1565.7/17
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right: -1.773 ± 0.049 χ^2/NDF : 6051.4/33
 In: -1.586 ± 0.071 χ^2/NDF : 4472.6/15
 Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -1.773 ± 0.049 χ^2/NDF : 6051.4/33

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.273 ± 0.004 $\chi^2/\text{NDF}: 11856.3/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.158 ± 0.004 $\chi^2/\text{NDF}: 15077.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

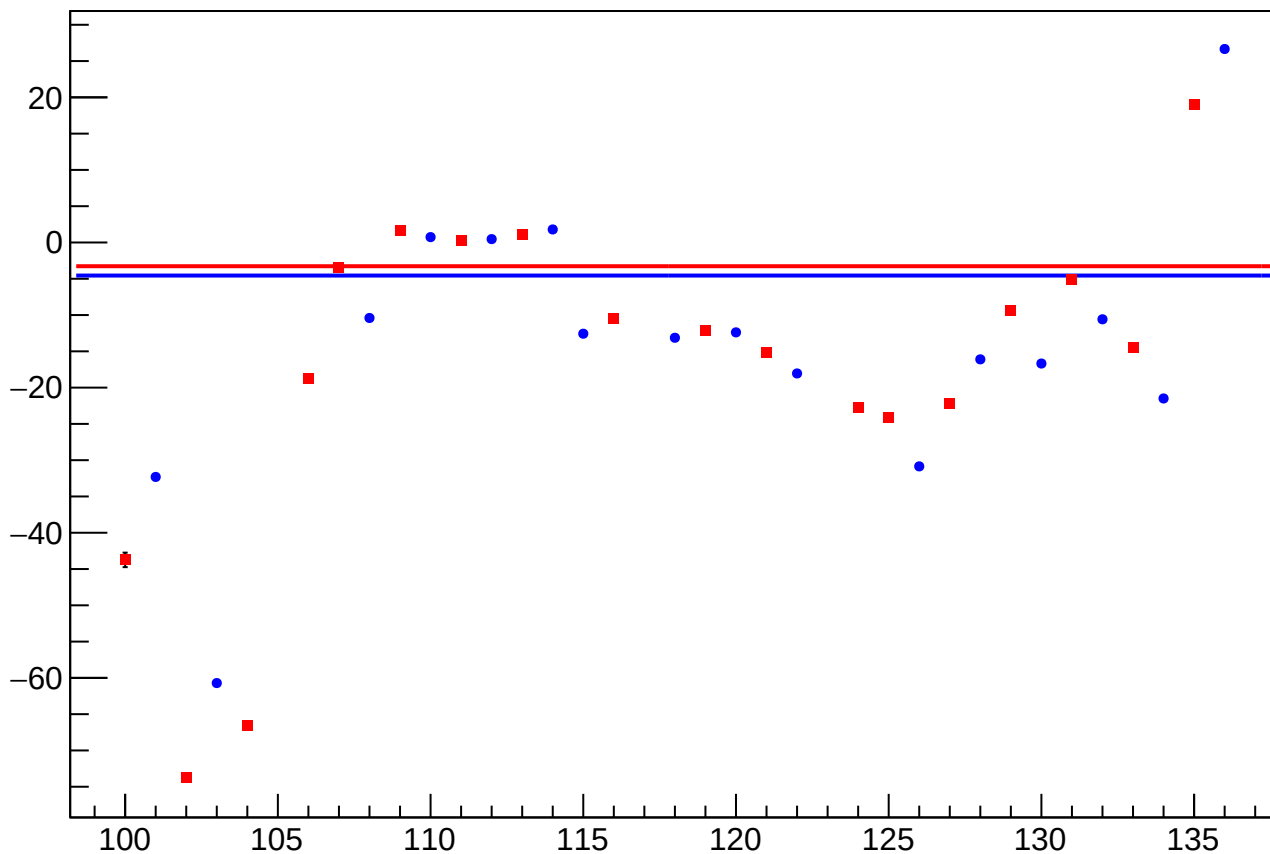
Right: -0.212 ± 0.003 $\chi^2/\text{NDF}: 27325.5/33$

In: -0.273 ± 0.004 $\chi^2/\text{NDF}: 11856.3/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.212 ± 0.003 $\chi^2/\text{NDF}: 27325.5/33$

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: -3.271+/-0.049 χ^2/NDF : 72412.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

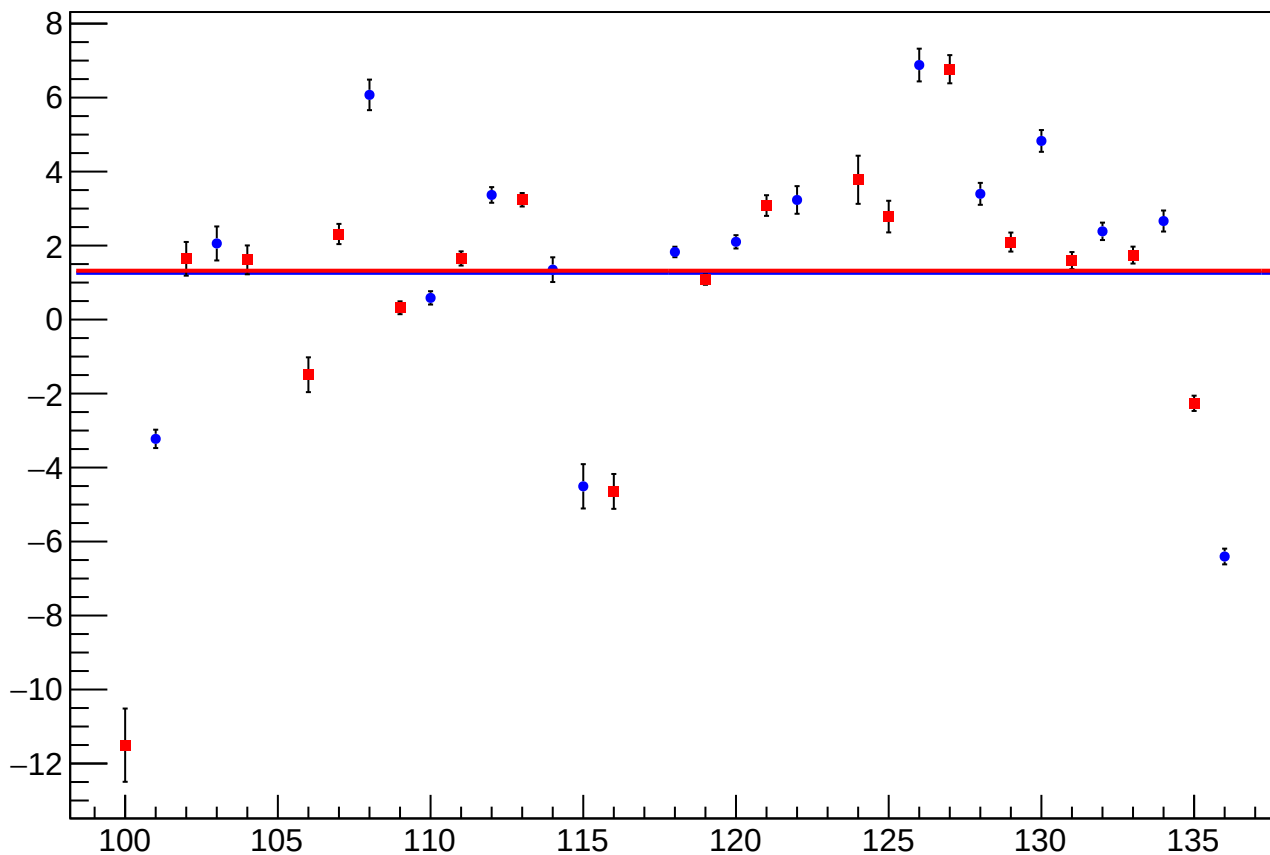
Right: -3.819+/-0.037 χ^2/NDF : 145342.2/33

In: -4.557+/-0.057 χ^2/NDF : 72635.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.819+/-0.037 χ^2/NDF : 145342.2/33

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: 1.321+/-0.060 χ^2/NDF : 1112.9/17

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

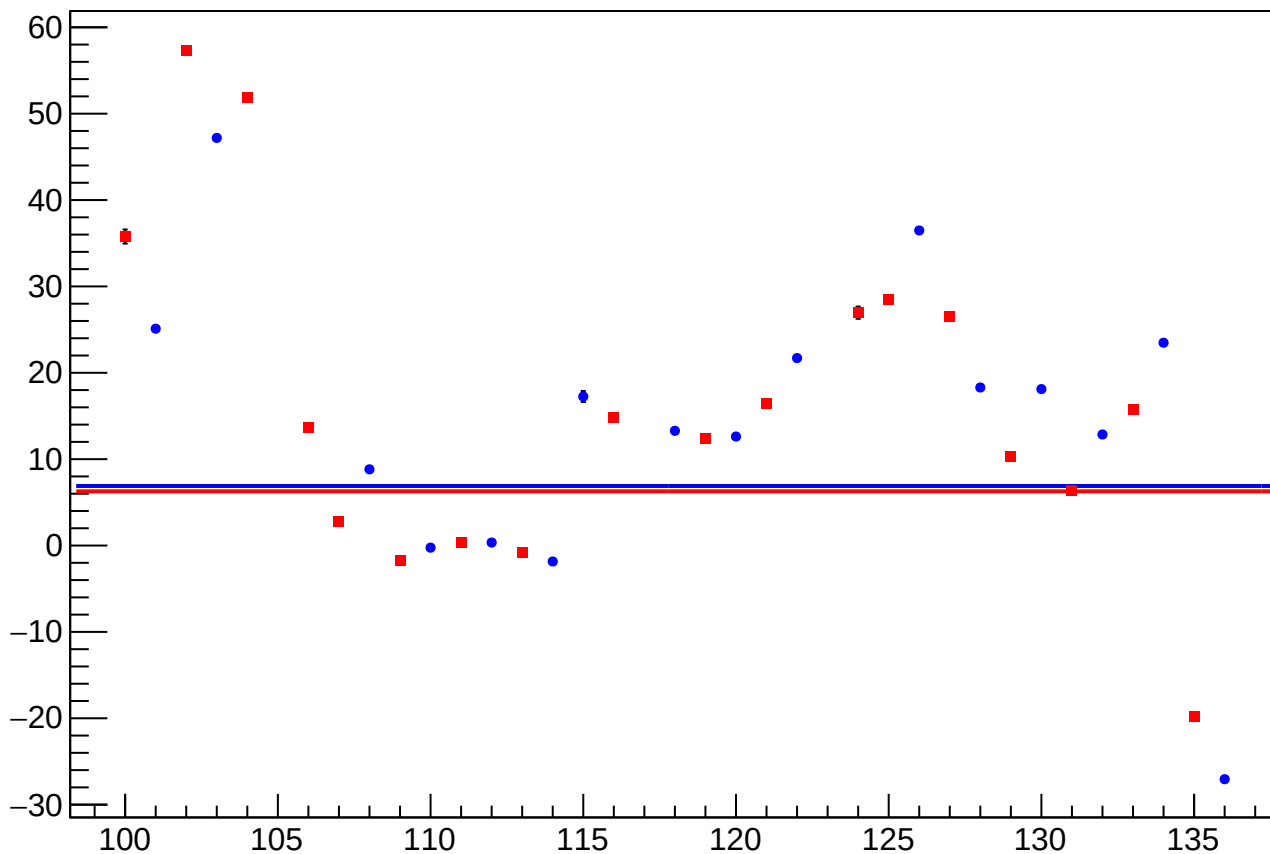
Right: 1.293+/-0.043 χ^2/NDF : 3557.2/33

In: 1.263+/-0.062 χ^2/NDF :2443.8/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 1.293+/-0.043 χ^2/NDF : 3557.2/33

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: 6.276+/-0.063 χ^2/NDF : 65428.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

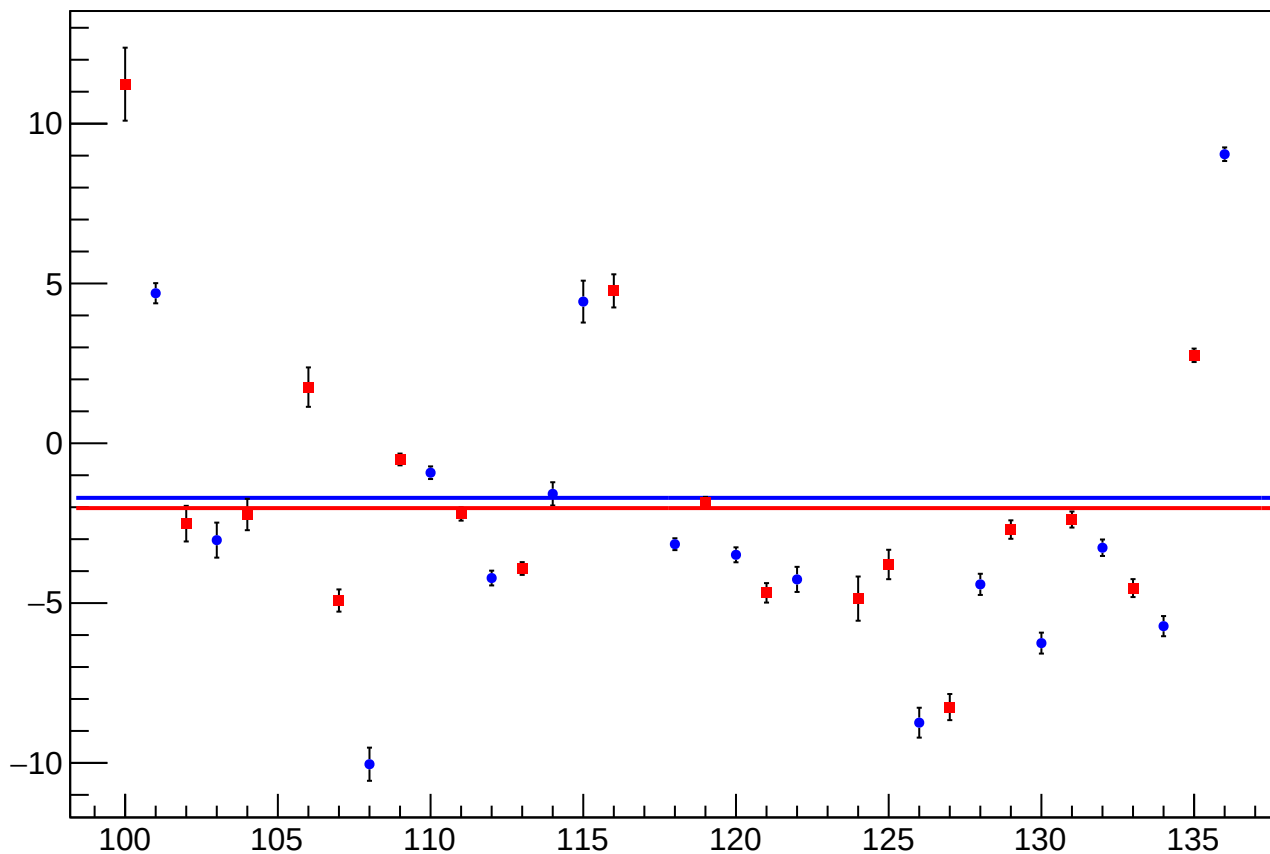
Right: 6.563+/-0.046 χ^2/NDF : 133520.7/33

In: 6.895+/-0.067 χ^2/NDF : 68047.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.563+/-0.046 χ^2/NDF : 133520.7/33

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: -2.028+/-0.068 χ^2/NDF : 1516.5/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

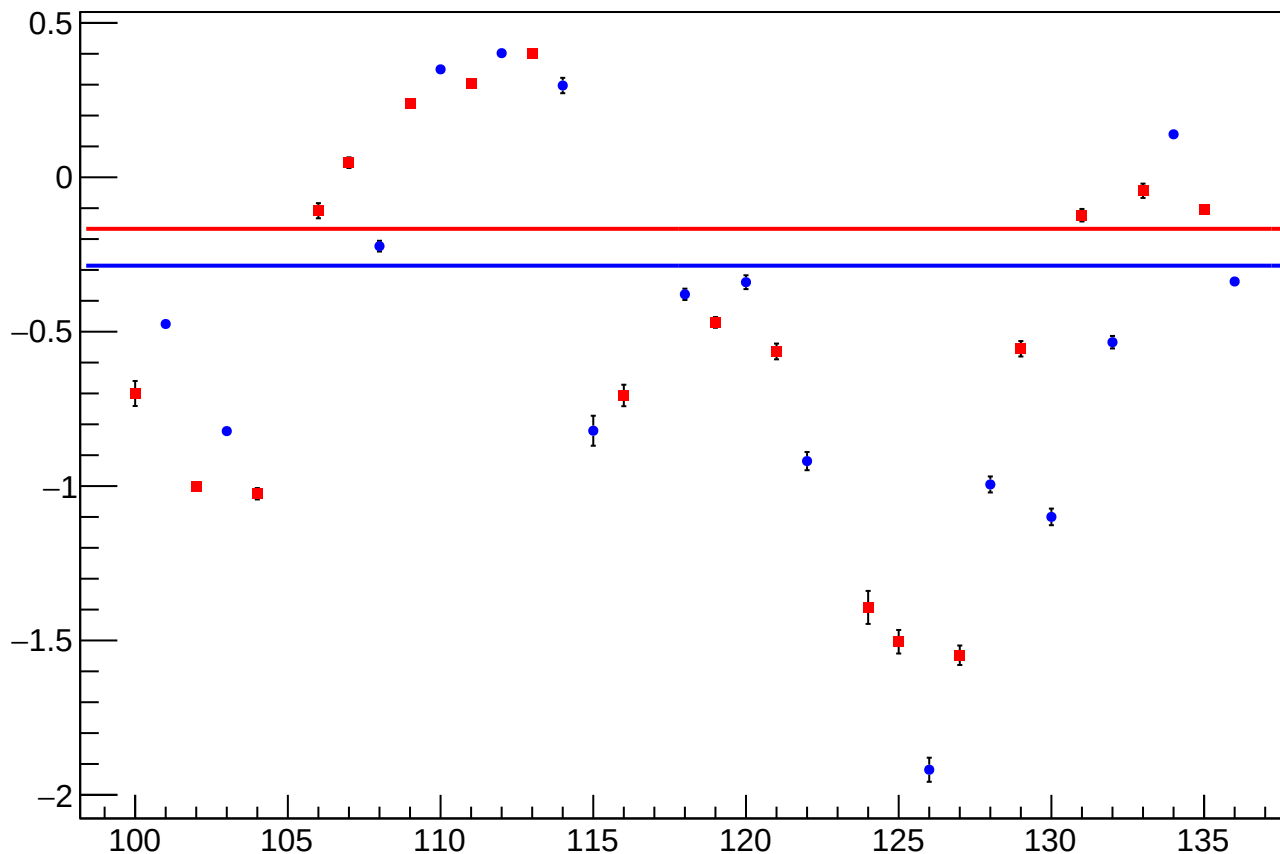
Right: -1.877+/-0.049 χ^2/NDF : 5816.9/33

In: -1.708+/-0.072 χ^2/NDF : 4289.8/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.877+/-0.049 χ^2/NDF : 5816.9/33

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: -0.167 ± 0.004 χ^2/NDF : 14643.7/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

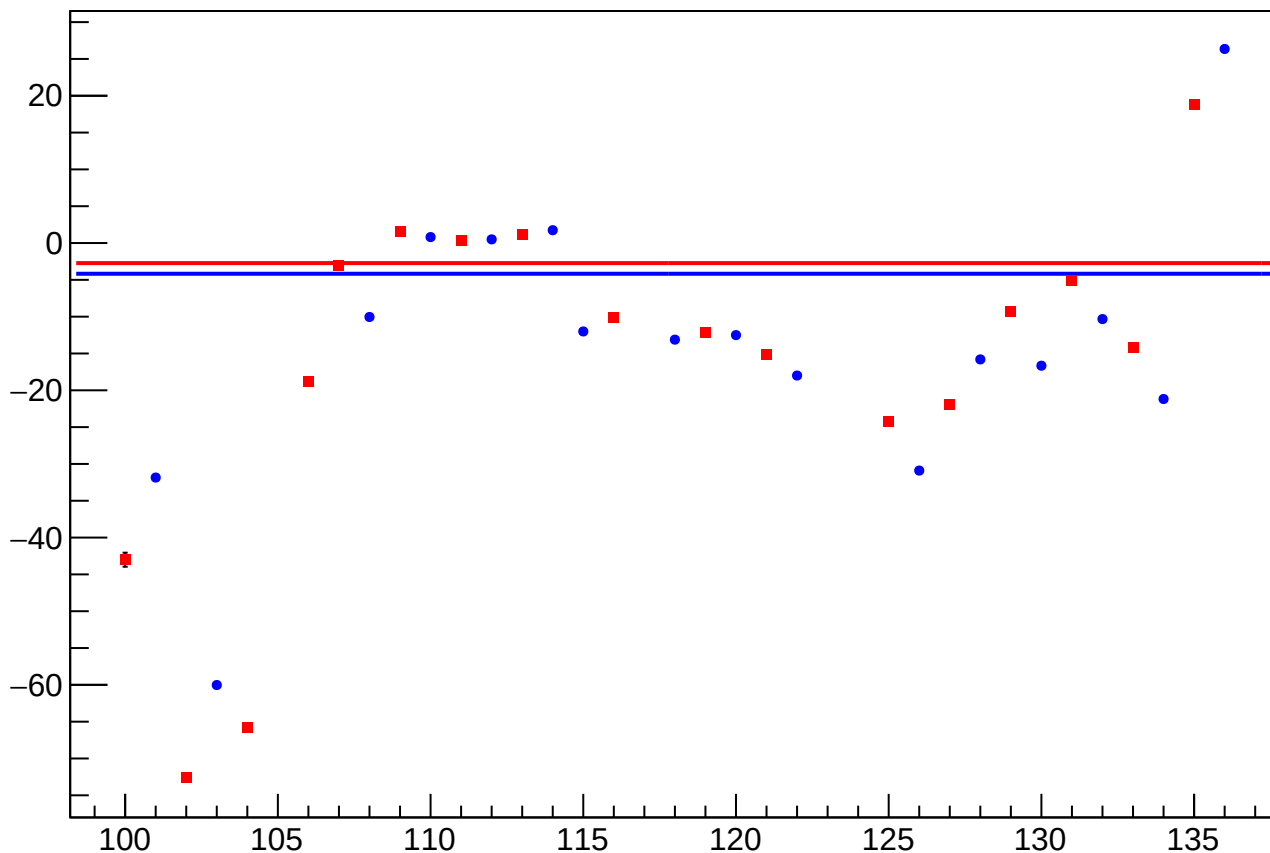
Right: -0.223 ± 0.003 χ^2/NDF : 26414.8/33

In: -0.286 ± 0.004 χ^2/NDF : 11361.1/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.223 ± 0.003 χ^2/NDF : 26414.8/33

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: -2.725+/-0.046 χ^2/NDF : 73995.0/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

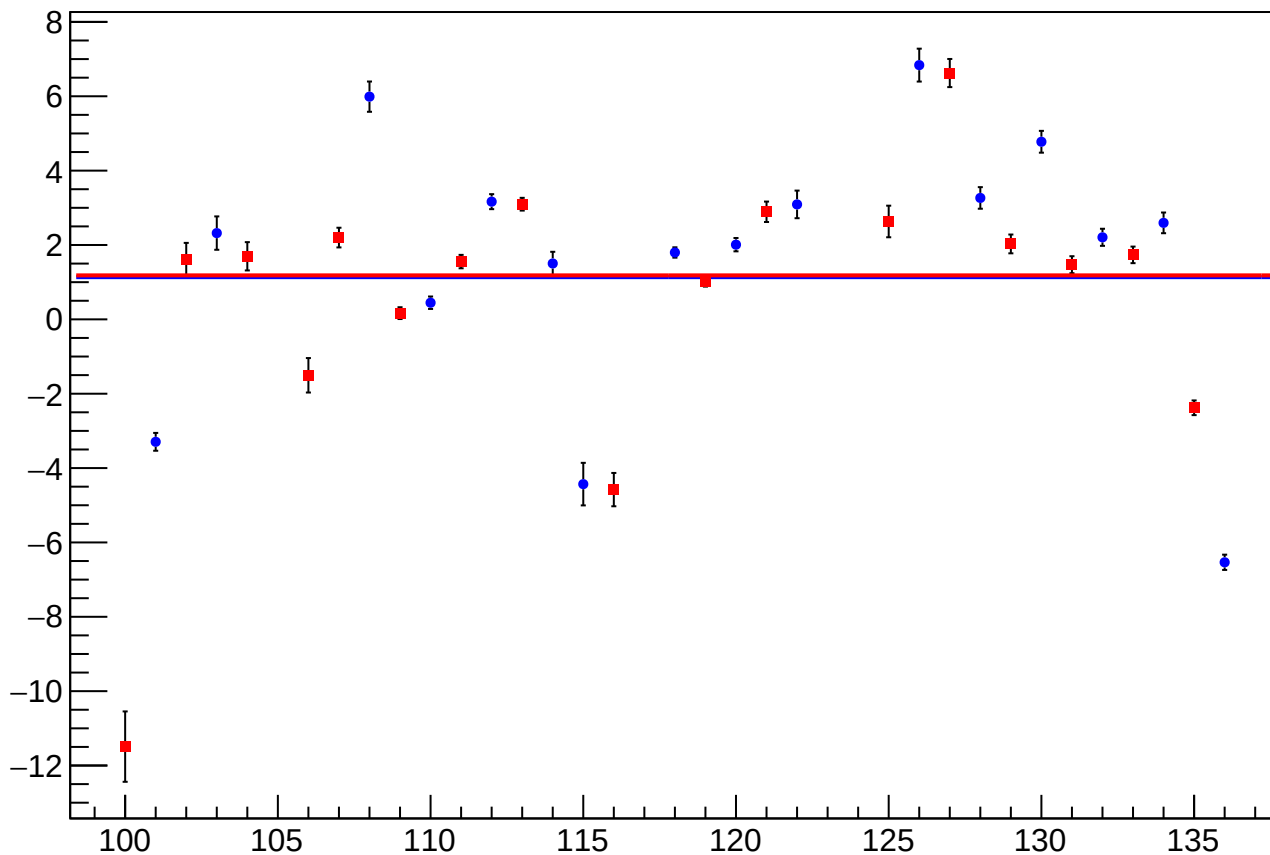
Right: -3.335+/-0.035 χ^2/NDF : 149798.5/32

In: -4.173+/-0.054 χ^2/NDF :75394.5/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -3.335+/-0.035 χ^2/NDF : 149798.5/32

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: 1.183+/-0.058 χ^2/NDF : 1167.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

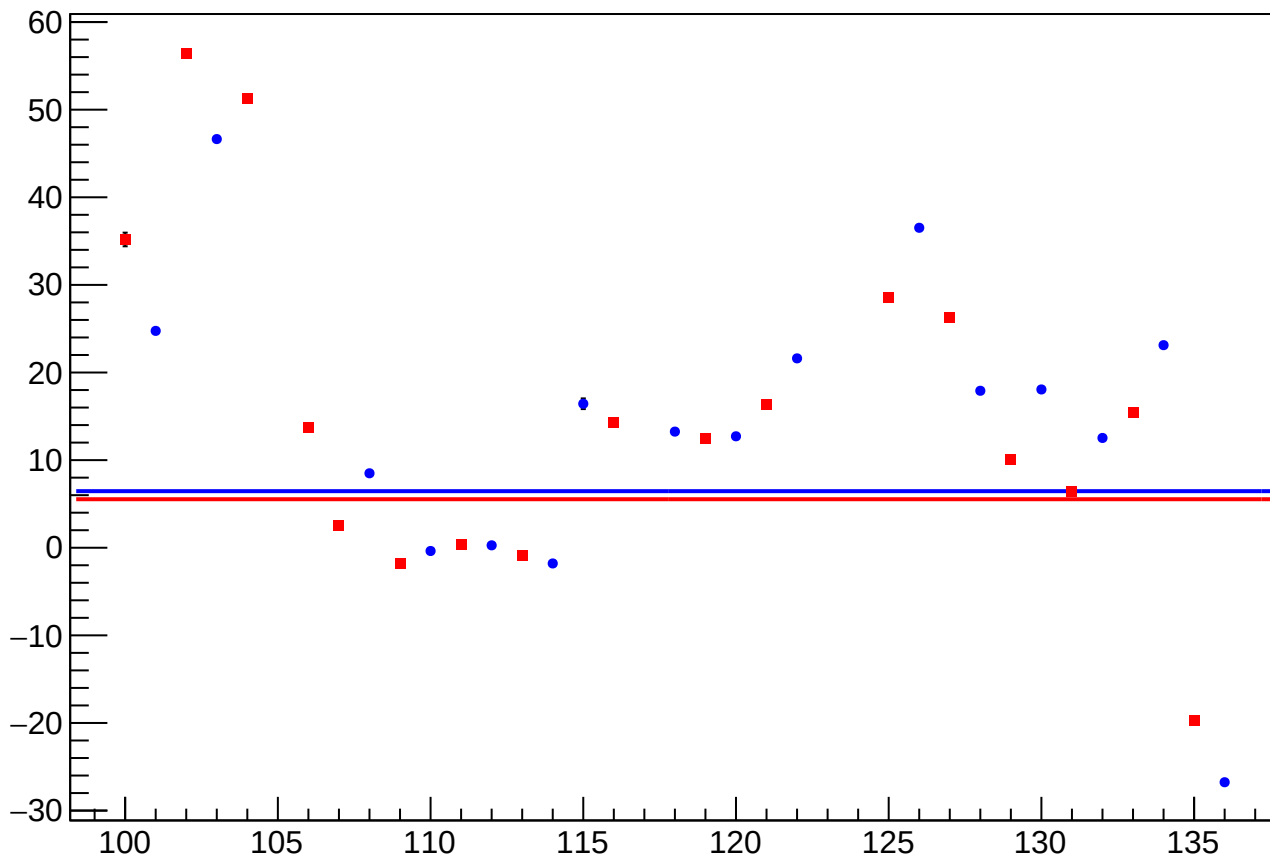
Right: 1.160+/-0.042 χ^2/NDF : 3763.9/32

In: 1.135+/-0.060 χ^2/NDF : 2595.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.160+/-0.042 χ^2/NDF : 3763.9/32

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: 5.537+/-0.060 χ^2/NDF : 67491.7/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

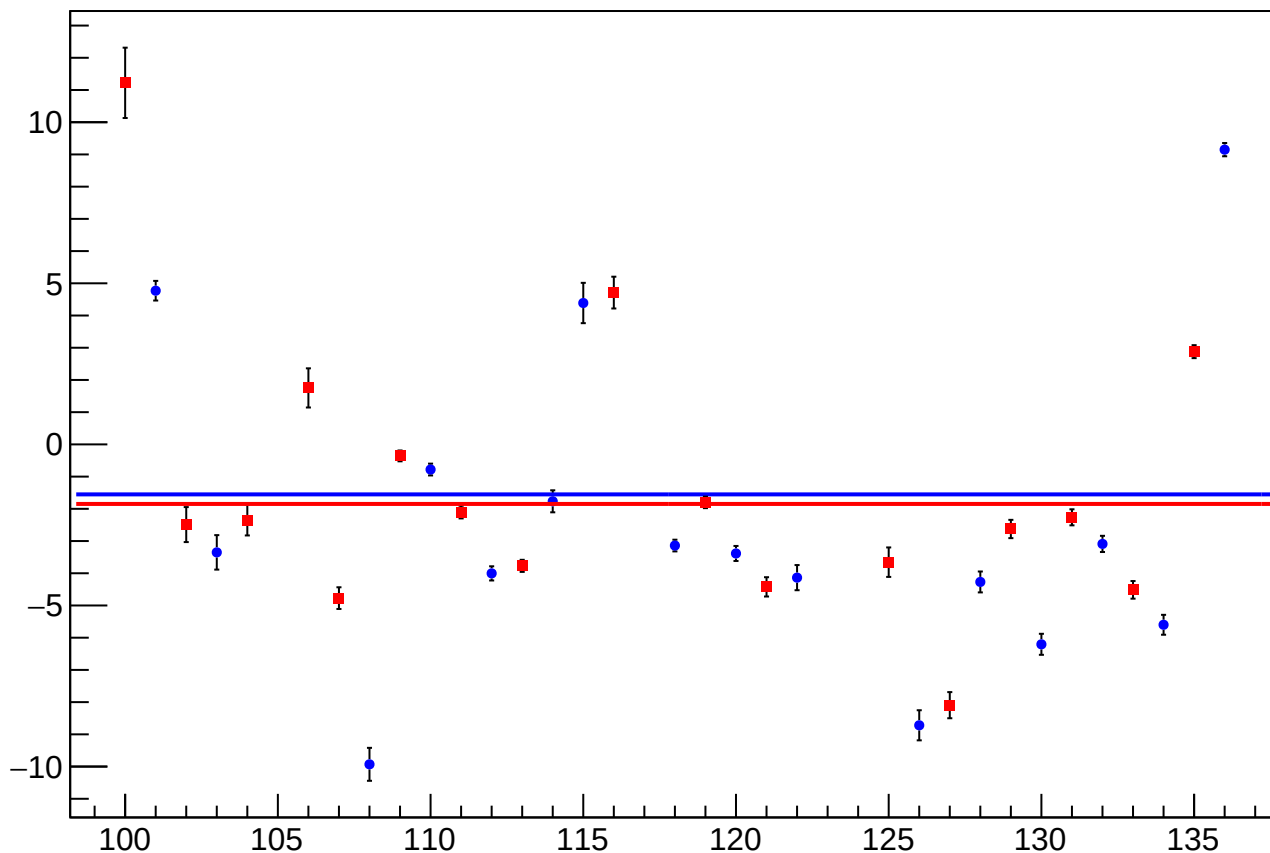
Right: 5.961+/-0.044 χ^2/NDF : 138392.7/32

In: 6.458+/-0.065 χ^2/NDF : 70792.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.961+/-0.044 χ^2/NDF : 138392.7/32

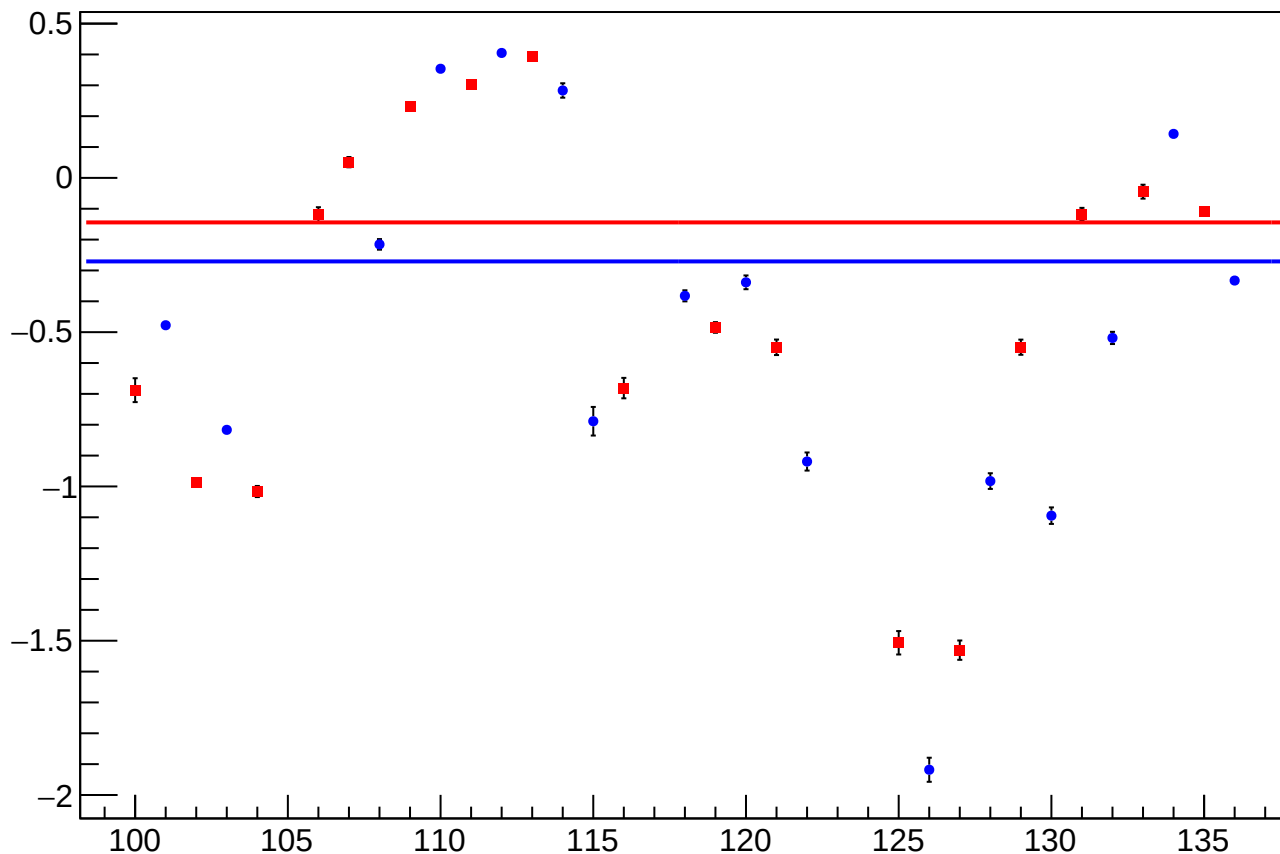
reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -1.848+/-0.065 χ^2 /NDF: 1601.7/16
 Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

Left: 0.000+/-0.000 χ^2 /NDF: 0.0/0
 Right: -1.709+/-0.048 χ^2 /NDF: 6155.0/32
 In: -1.552+/-0.069 χ^2 /NDF:4543.6/15
 Out: 0.000+/-0.000 χ^2 /NDF:0.0/0
 All: -1.709+/-0.048 χ^2 /NDF: 6155.0/32

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.271 ± 0.004 $\chi^2/\text{NDF}: 12096.1/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.144 ± 0.004 $\chi^2/\text{NDF}: 14809.7/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

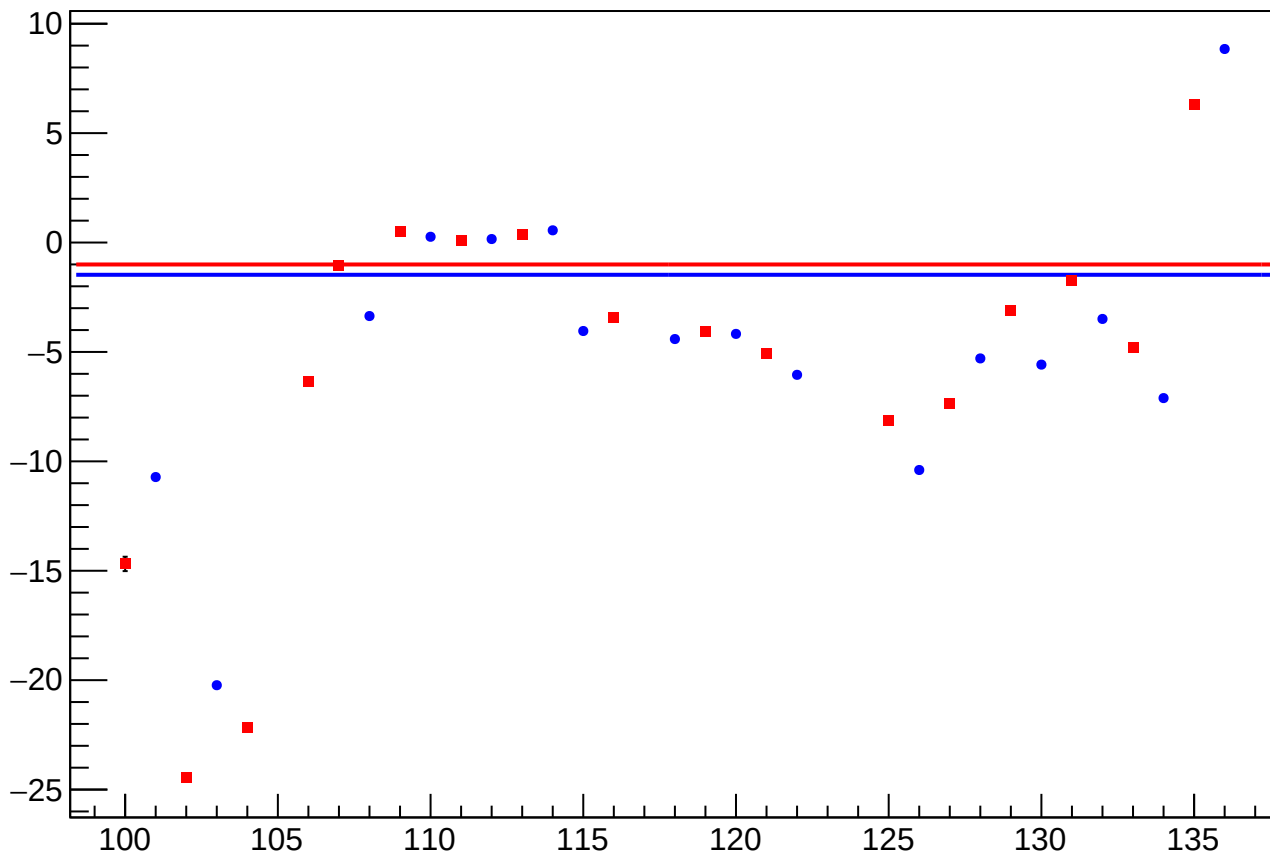
Right: -0.204 ± 0.003 $\chi^2/\text{NDF}: 27400.7/32$

In: -0.271 ± 0.004 $\chi^2/\text{NDF}: 12096.1/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.204 ± 0.003 $\chi^2/\text{NDF}: 27400.7/32$

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: -1.003+/-0.016 χ^2/NDF : 72443.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

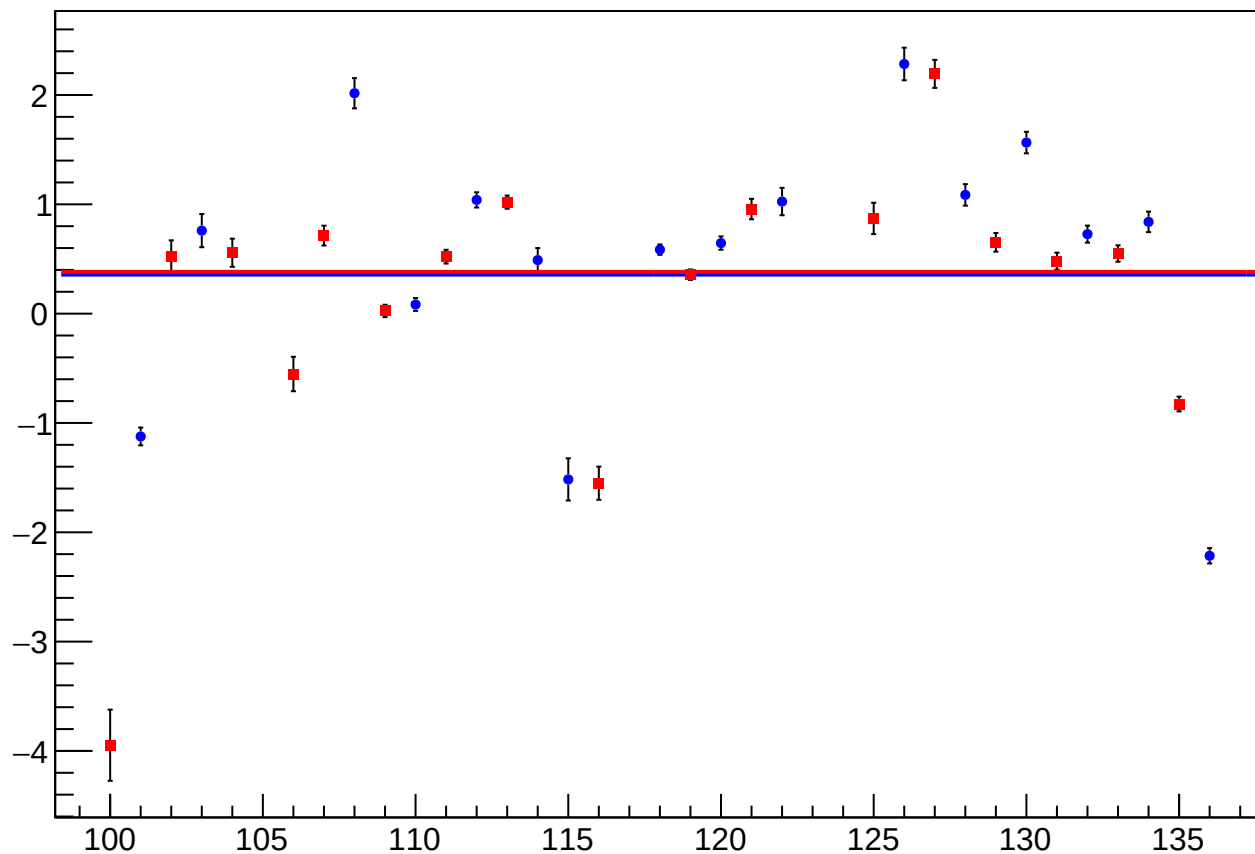
Right: -1.204+/-0.012 χ^2/NDF : 146527.8/32

In: -1.474+/-0.019 χ^2/NDF : 73722.2/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.204+/-0.012 χ^2/NDF : 146527.8/32

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: 0.382+/-0.020 χ^2/NDF : 1134.9/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

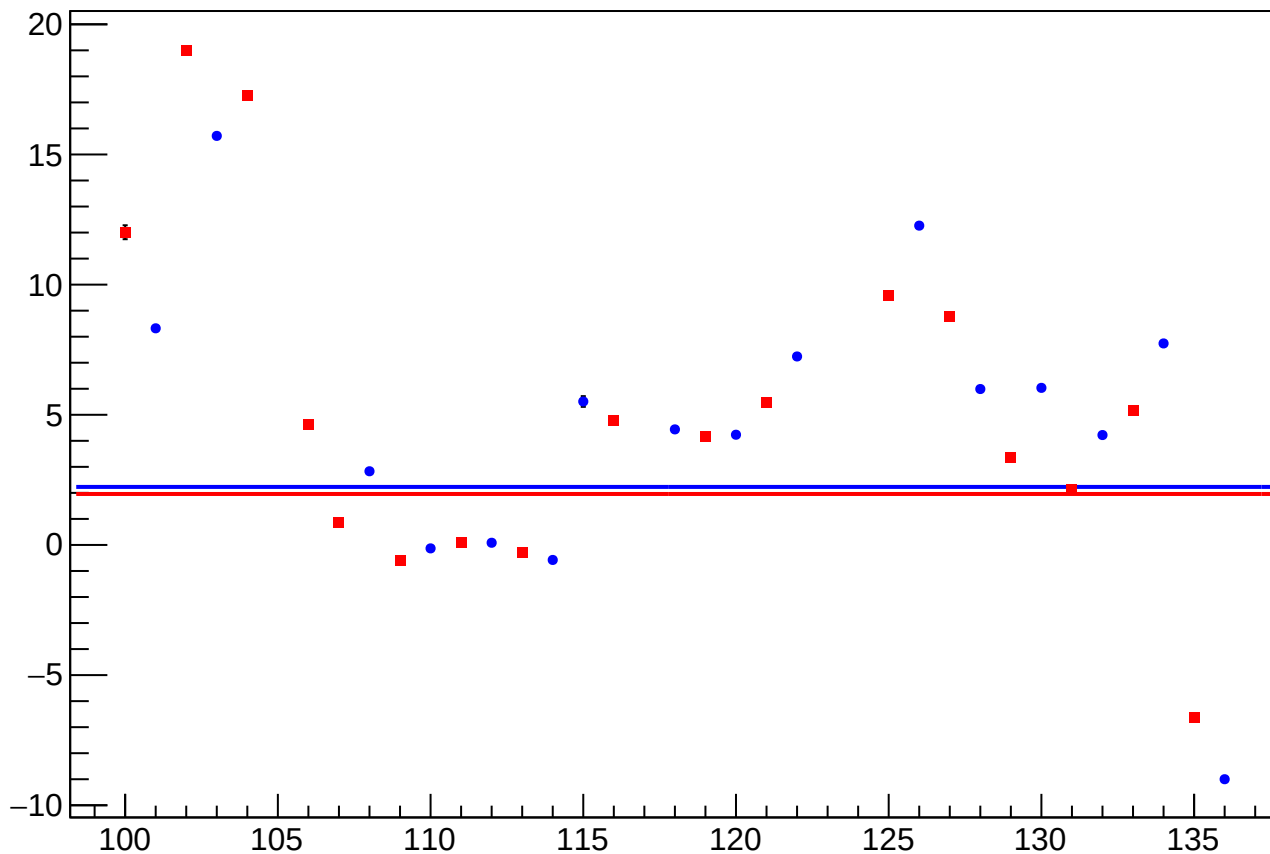
Right: 0.370+/-0.014 χ^2/NDF : 3678.7/32

In: 0.357+/-0.021 χ^2/NDF :2543.0/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: 0.370+/-0.014 χ^2/NDF : 3678.7/32

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: 1.958+/-0.021 χ^2/NDF : 65924.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

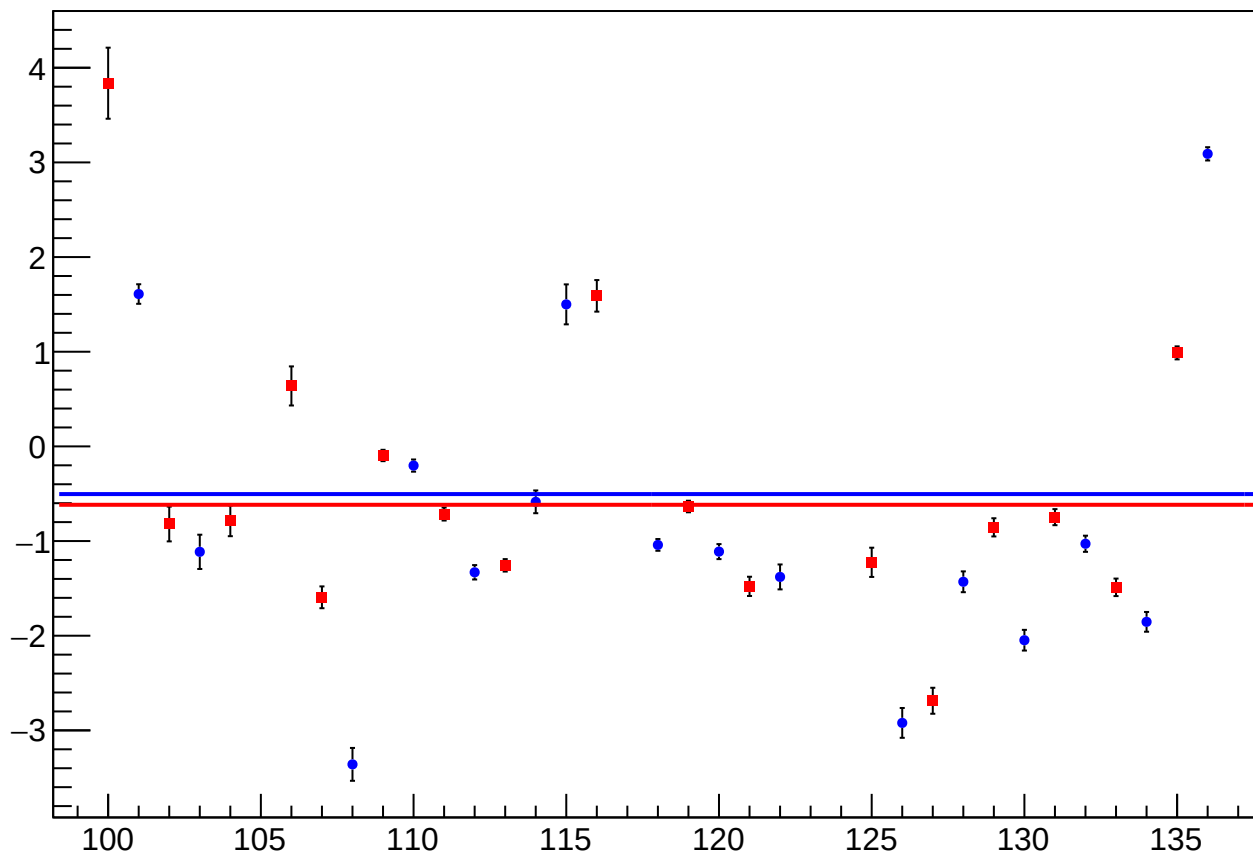
Right: 2.084+/-0.015 χ^2/NDF : 135191.4/32

In: 2.229+/-0.022 χ^2/NDF : 69187.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.084+/-0.015 χ^2/NDF : 135191.4/32

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: -0.617+/-0.023 χ^2/NDF : 1555.5/16

Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

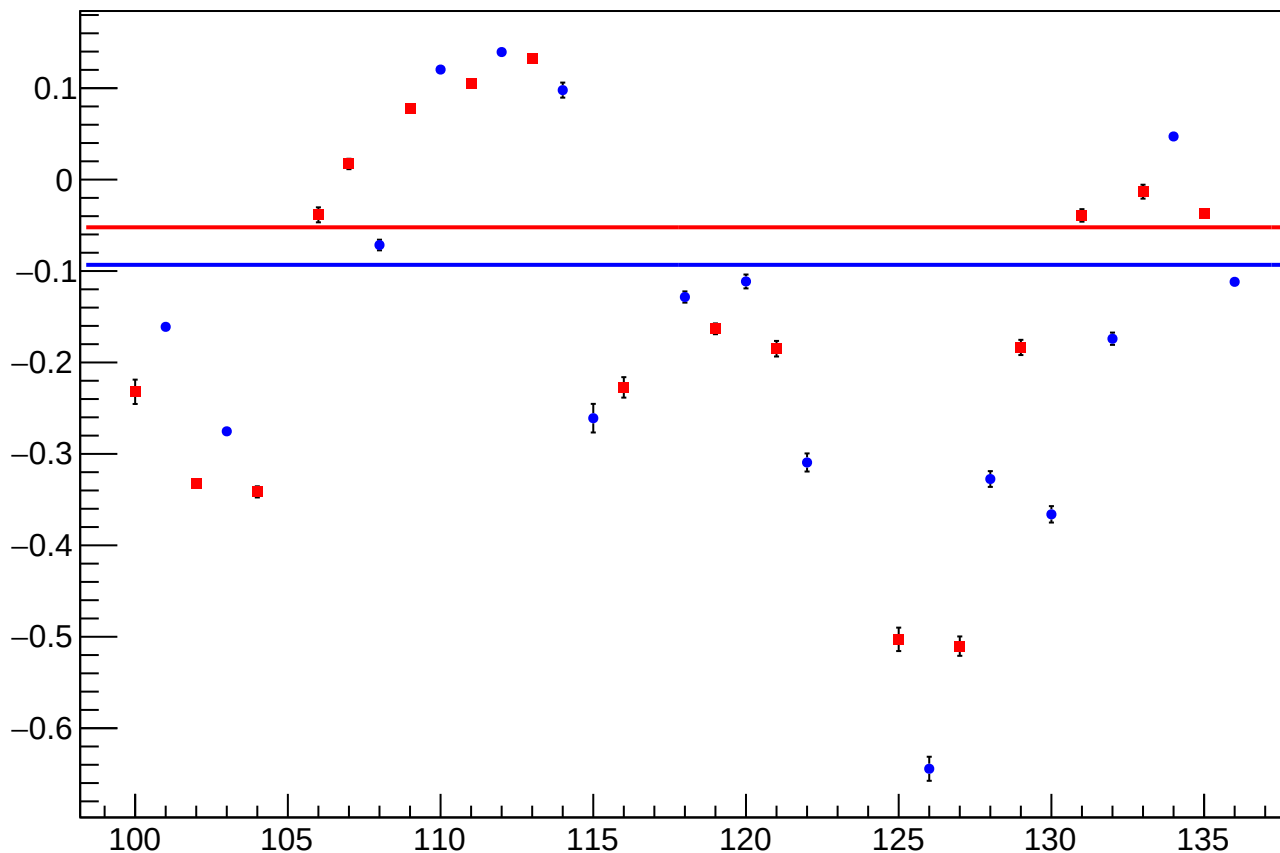
Right: -0.563+/-0.016 χ^2/NDF : 6014.7/32

In: -0.504+/-0.024 χ^2/NDF :4447.2/15

Out: 0.000+/-0.000 χ^2/NDF :0.0/0

All: -0.563+/-0.016 χ^2/NDF : 6014.7/32

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: -0.052 ± 0.001 χ^2/NDF : 14263.5/16

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left: 0.000 ± 0.000 χ^2/NDF : 0.0/0

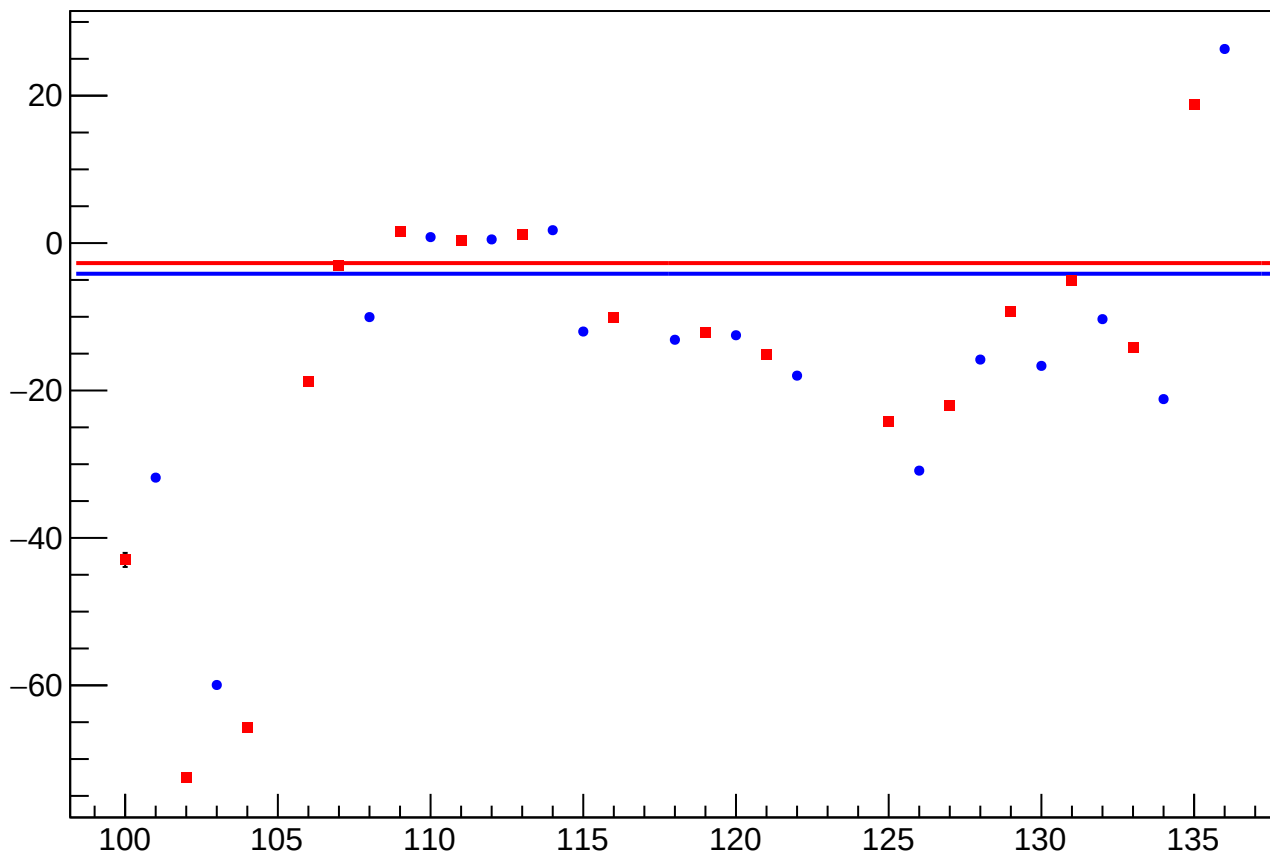
Right: -0.072 ± 0.001 χ^2/NDF : 26449.9/32

In: -0.093 ± 0.001 χ^2/NDF : 11742.4/15

Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.072 ± 0.001 χ^2/NDF : 26449.9/32

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: -2.714+/-0.046 χ^2/NDF : 74008.9/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

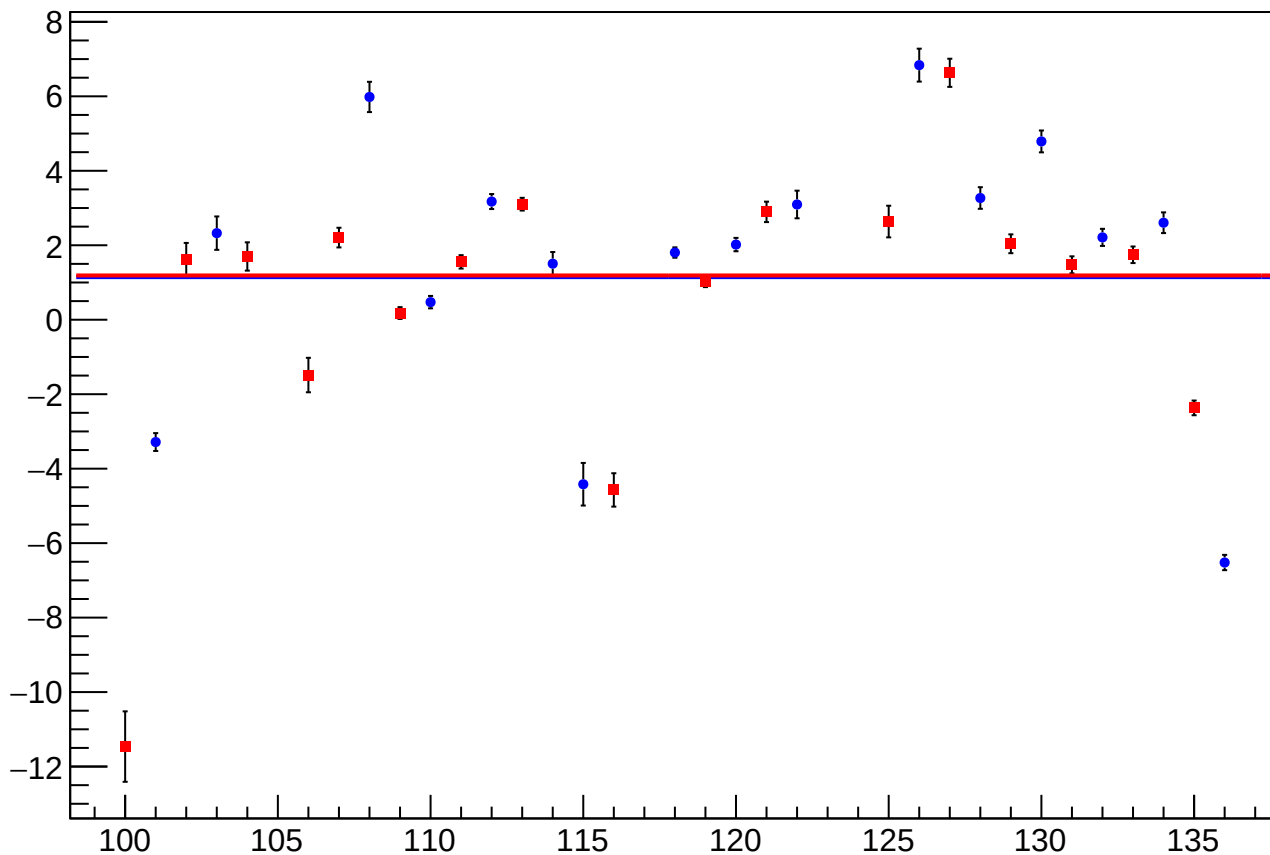
Right: -3.323+/-0.035 χ^2/NDF : 149837.7/32

In: -4.159+/-0.054 χ^2/NDF : 75420.4/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.323+/-0.035 χ^2/NDF : 149837.7/32

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: 1.144+/-0.060 χ^2/NDF : 2595.3/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.189+/-0.058 χ^2/NDF : 1167.3/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

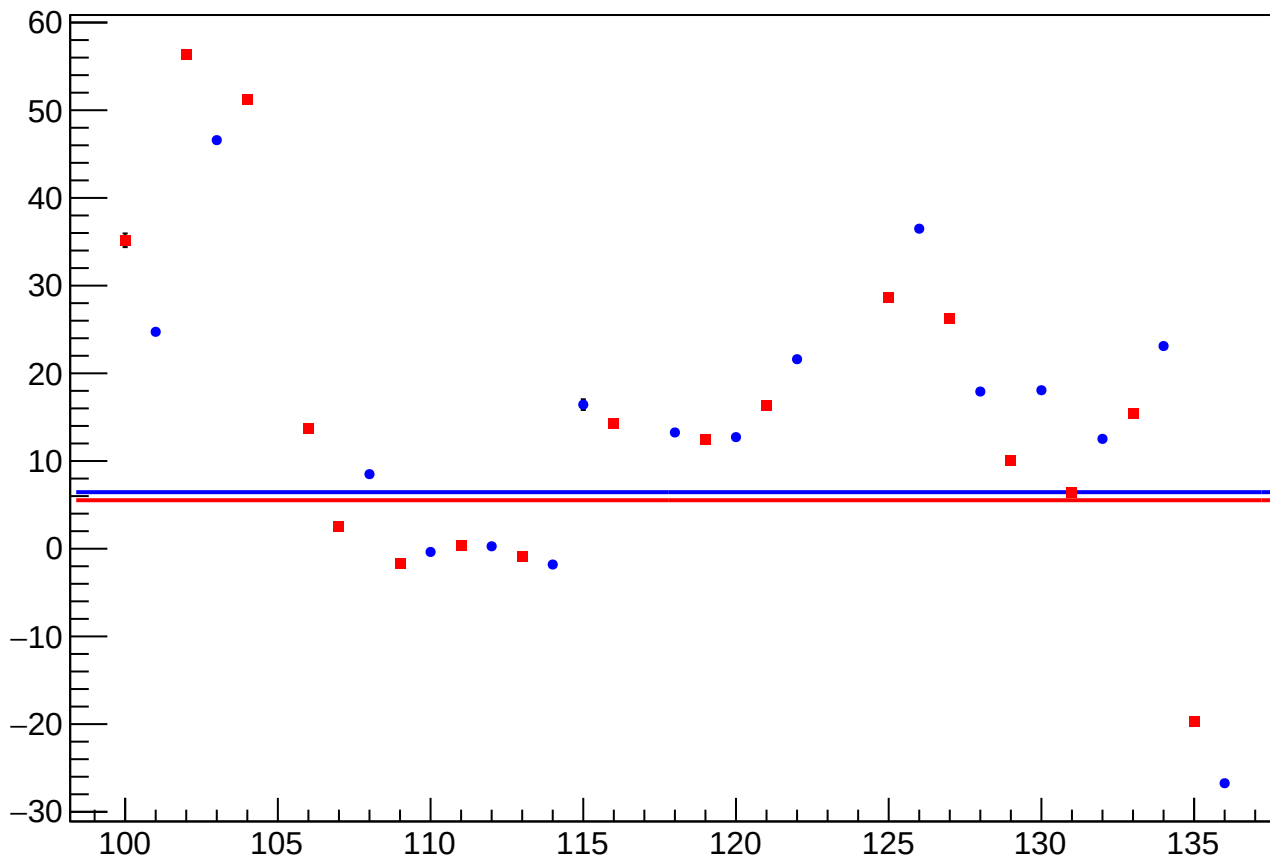
Right: 1.168+/-0.042 χ^2/NDF : 3762.8/32

In: 1.144+/-0.060 χ^2/NDF : 2595.3/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.168+/-0.042 χ^2/NDF : 3762.8/32

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: 5.529+/-0.060 χ^2/NDF : 67498.2/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

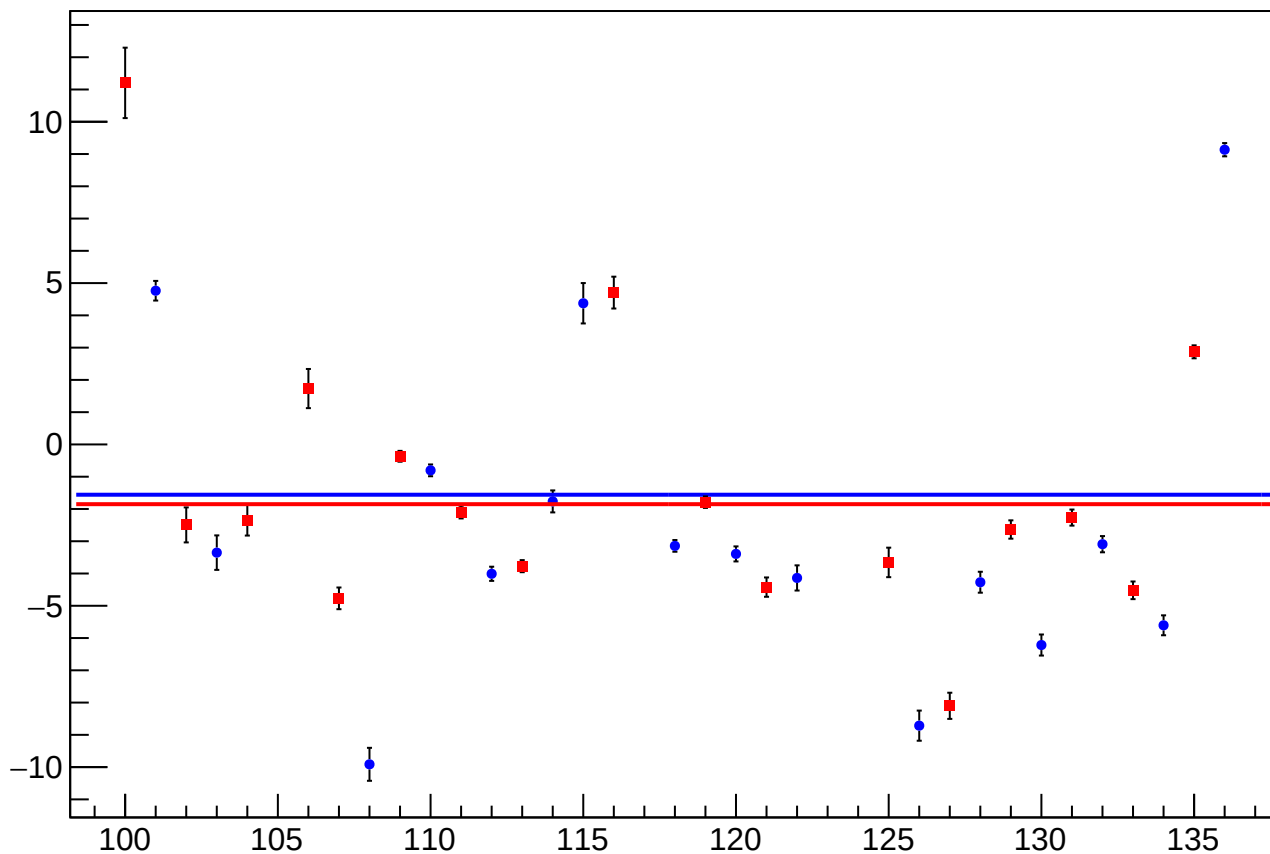
Right: 5.952+/-0.044 χ^2/NDF : 138421.4/32

In: 6.448+/-0.065 χ^2/NDF : 70815.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.952+/-0.044 χ^2/NDF : 138421.4/32

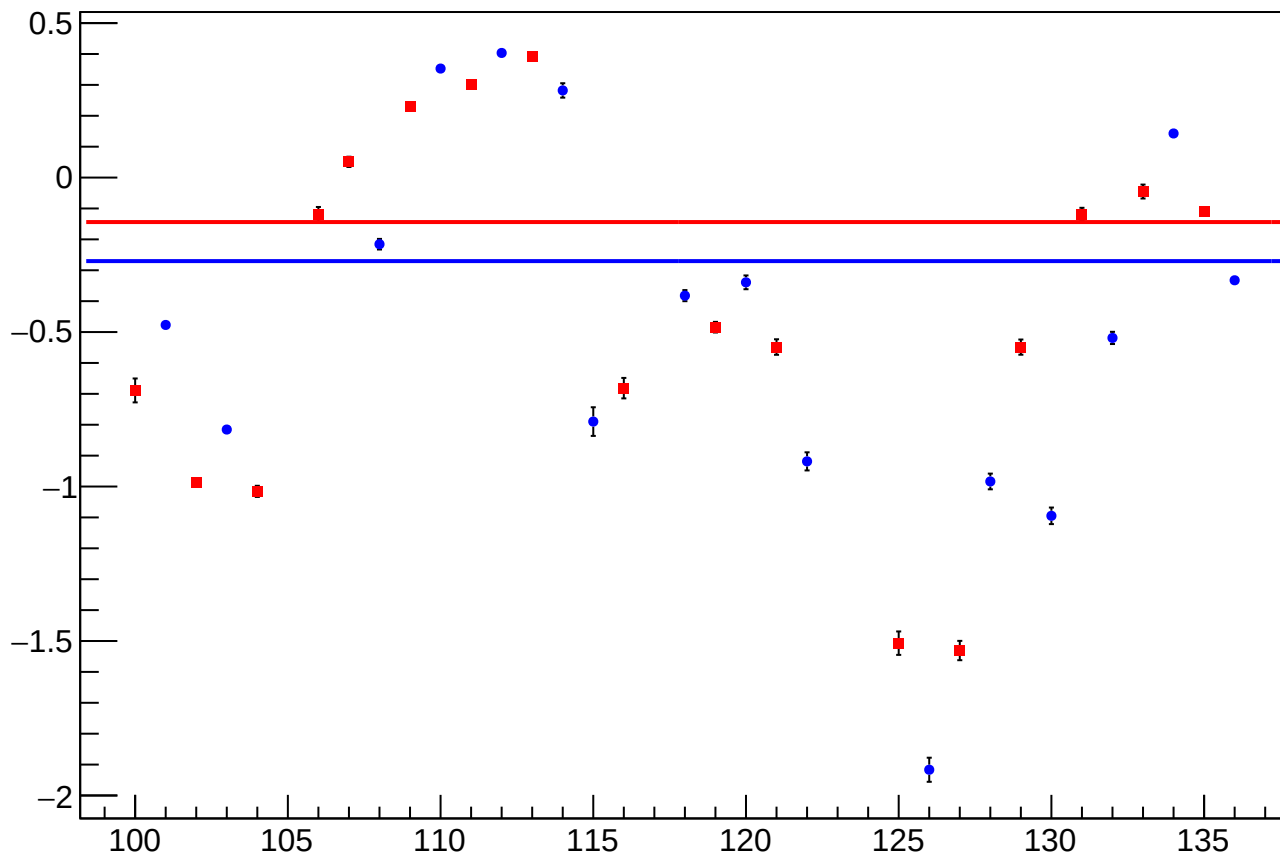
reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug, Sign Corrected



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: -1.851+/-0.065 χ^2/NDF : 1600.9/16
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right: -1.713+/-0.048 χ^2/NDF : 6153.4/32
 In: -1.558+/-0.069 χ^2/NDF : 4543.1/15
 Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.713+/-0.048 χ^2/NDF : 6153.4/32

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug, Sign Corrected



Right In: -0.270 ± 0.004 $\chi^2/\text{NDF}: 12096.8/15$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.144 ± 0.004 $\chi^2/\text{NDF}: 14821.4/16$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

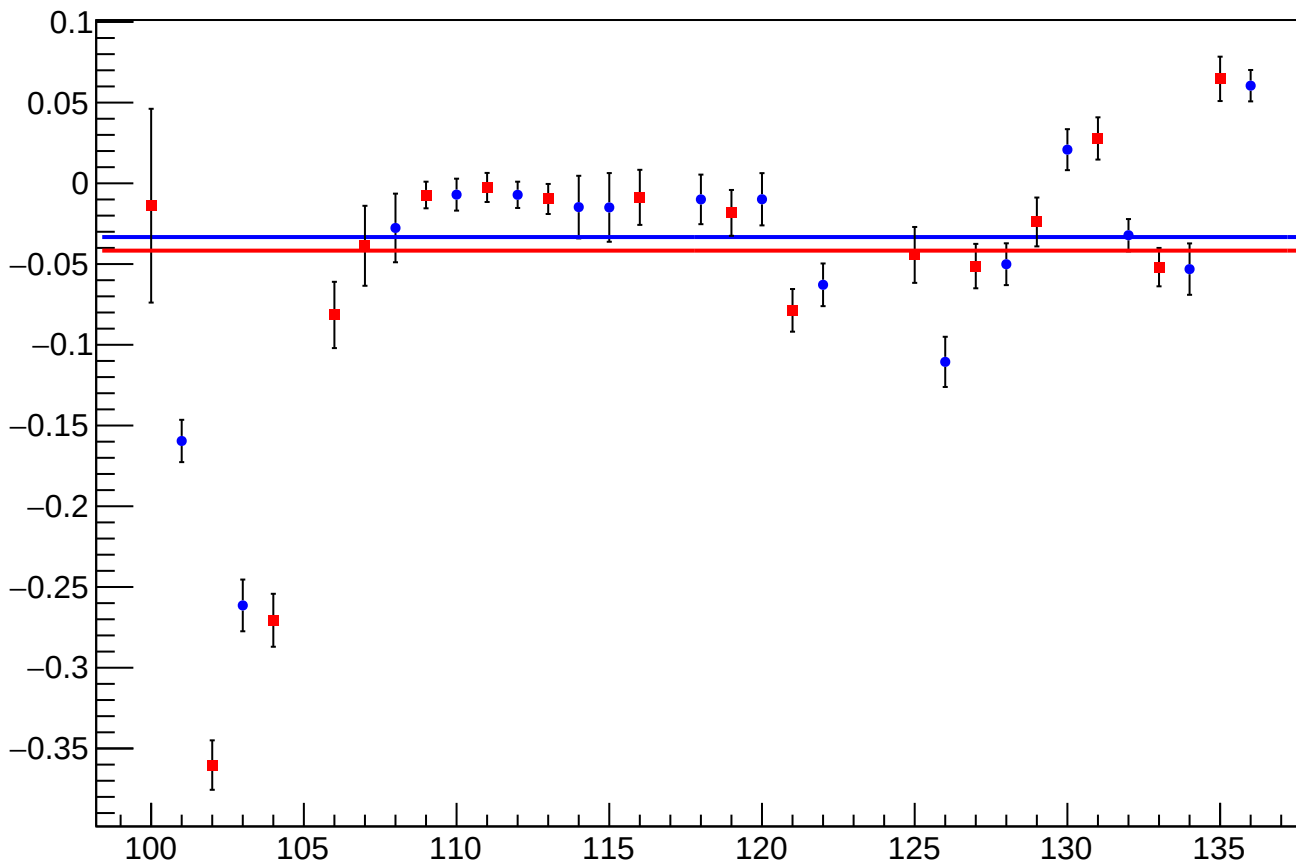
Right: -0.203 ± 0.003 $\chi^2/\text{NDF}: 27414.1/32$

In: -0.270 ± 0.004 $\chi^2/\text{NDF}: 12096.8/15$

Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.203 ± 0.003 $\chi^2/\text{NDF}: 27414.1/32$

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug, Sign Corrected



Right In: -0.033+/-0.003 χ^2/NDF : 463.5/15

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.042+/-0.003 χ^2/NDF : 785.0/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

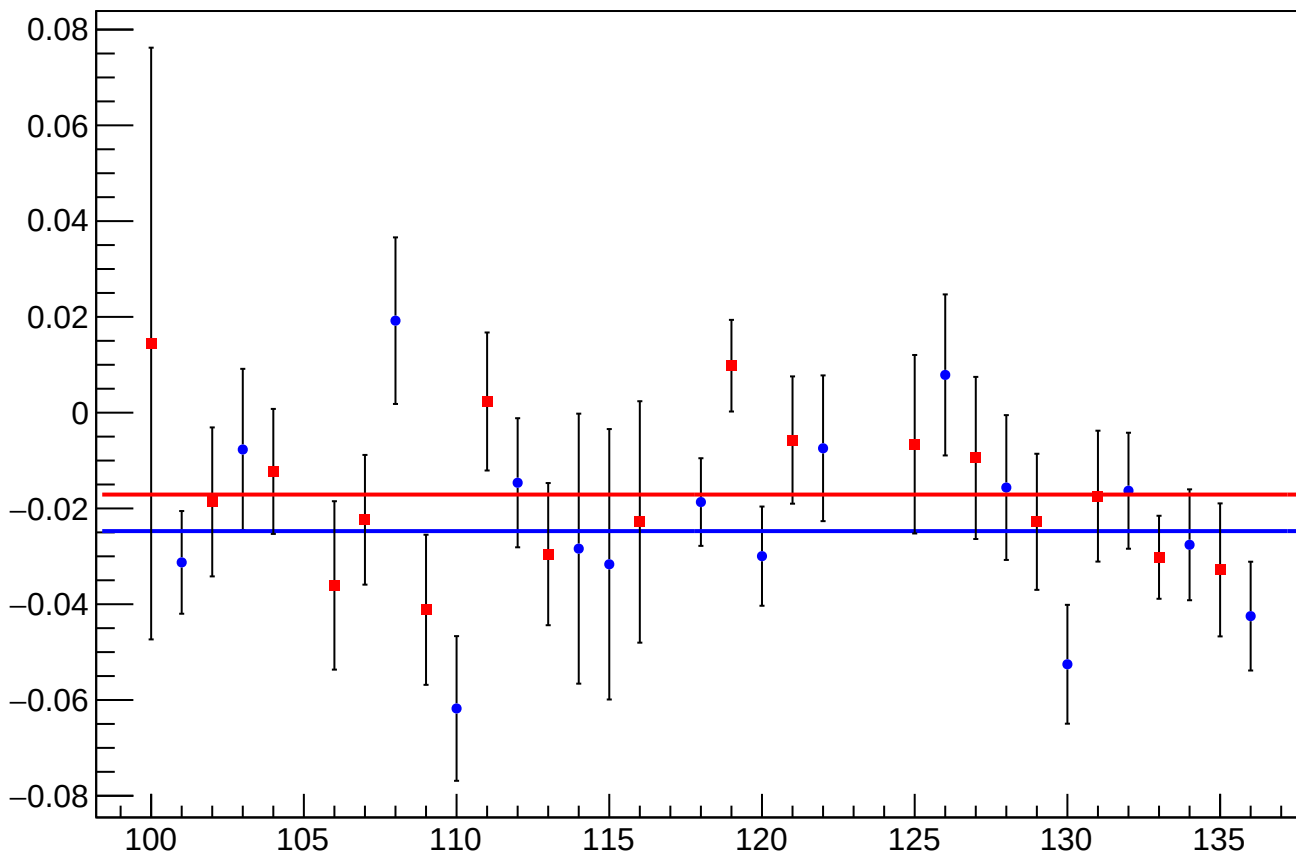
Right: -0.037+/-0.002 χ^2/NDF : 1251.9/32

In: -0.033+/-0.003 χ^2/NDF : 463.5/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.037+/-0.002 χ^2/NDF : 1251.9/32

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug, Sign Corrected



Right In: -0.025 $\pm$ 0.003 χ^2 /NDF: 28.5/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.017 $\pm$ 0.003 χ^2 /NDF: 19.5/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

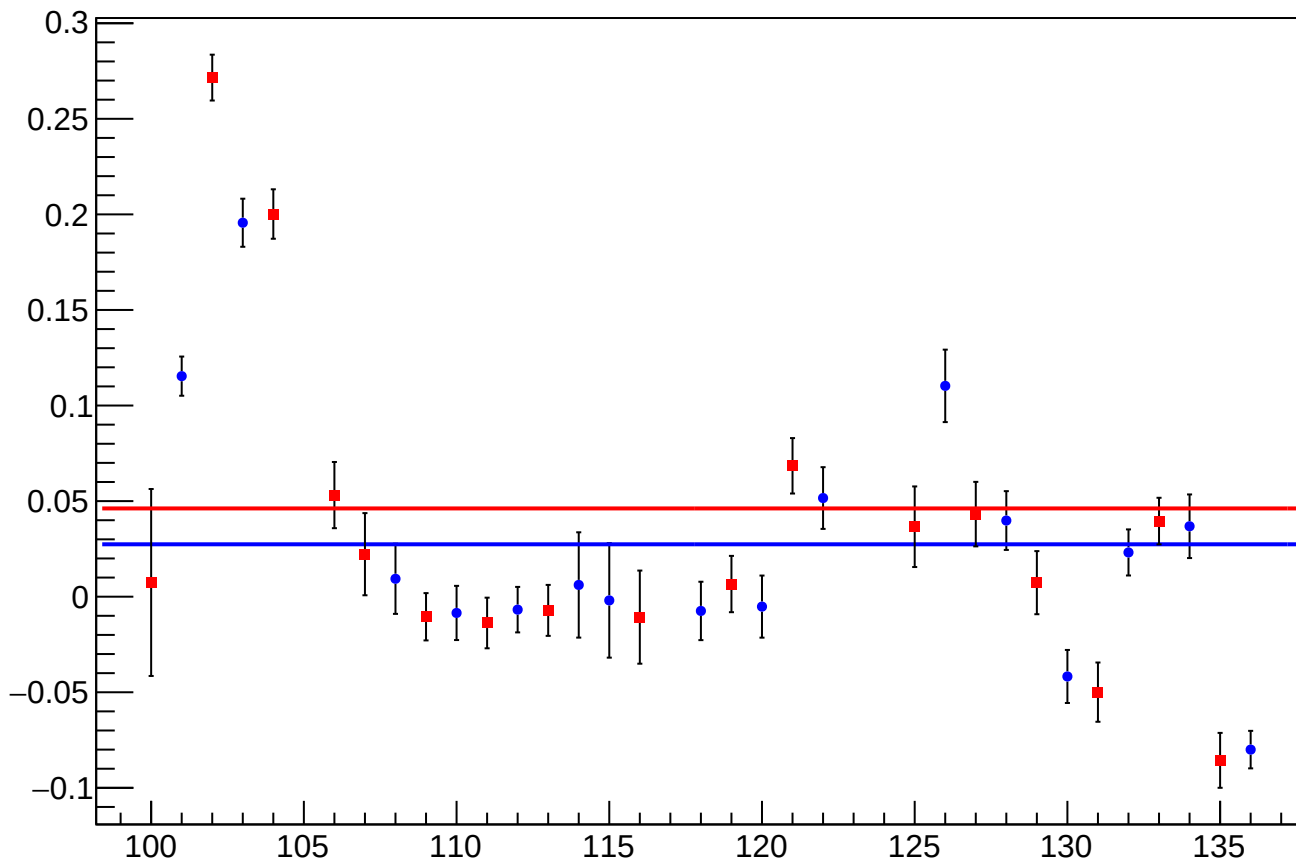
Right: -0.021 $\pm$ 0.002 χ^2 /NDF: 50.6/32

In: -0.025 $\pm$ 0.003 χ^2 /NDF:28.5/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: -0.021 $\pm$ 0.002 χ^2 /NDF: 50.6/32

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug, Sign Corrected



Right In: 0.027 $\pm$ 0.004 χ^2 /NDF: 446.1/15

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.046 $\pm$ 0.004 χ^2 /NDF: 698.0/16

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Left: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

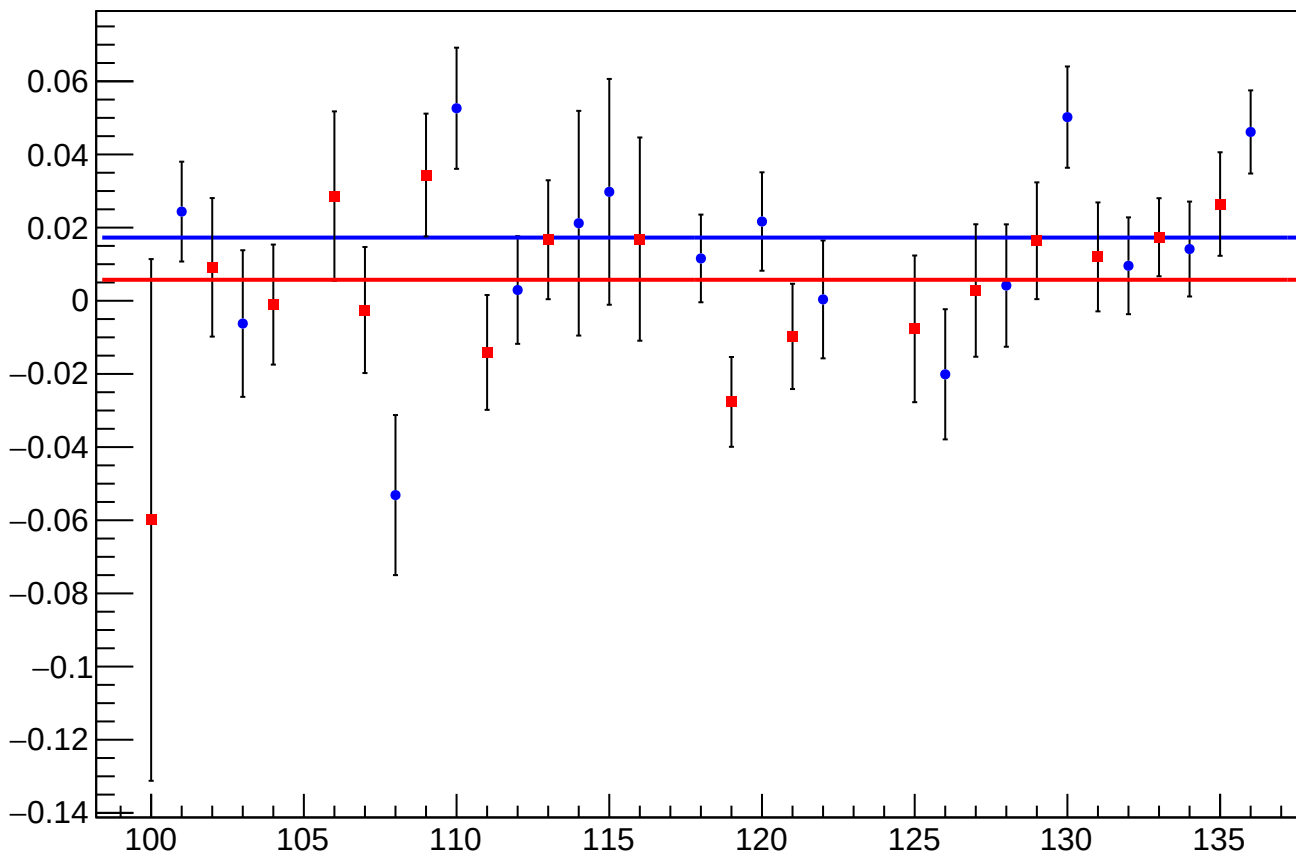
Right: 0.036 $\pm$ 0.003 χ^2 /NDF: 1157.4/32

In: 0.027 $\pm$ 0.004 χ^2 /NDF:446.1/15

Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 0.036 $\pm$ 0.003 χ^2 /NDF: 1157.4/32

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: 0.006+/-0.004 χ^2/NDF : 20.4/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

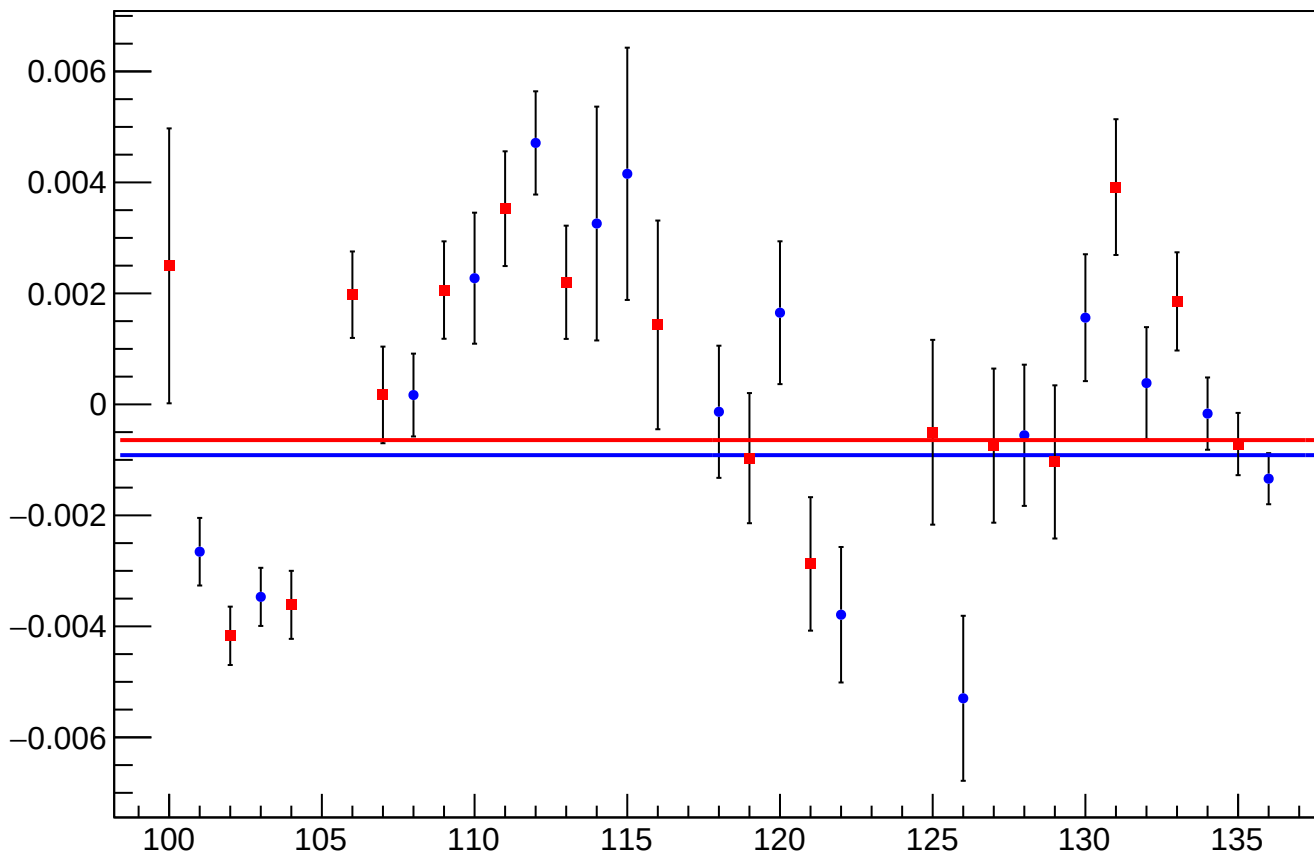
Right: 0.012+/-0.003 χ^2/NDF : 61.4/32

In: 0.017+/-0.004 χ^2/NDF : 36.7/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.003 χ^2/NDF : 61.4/32

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 : 142.5/16

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

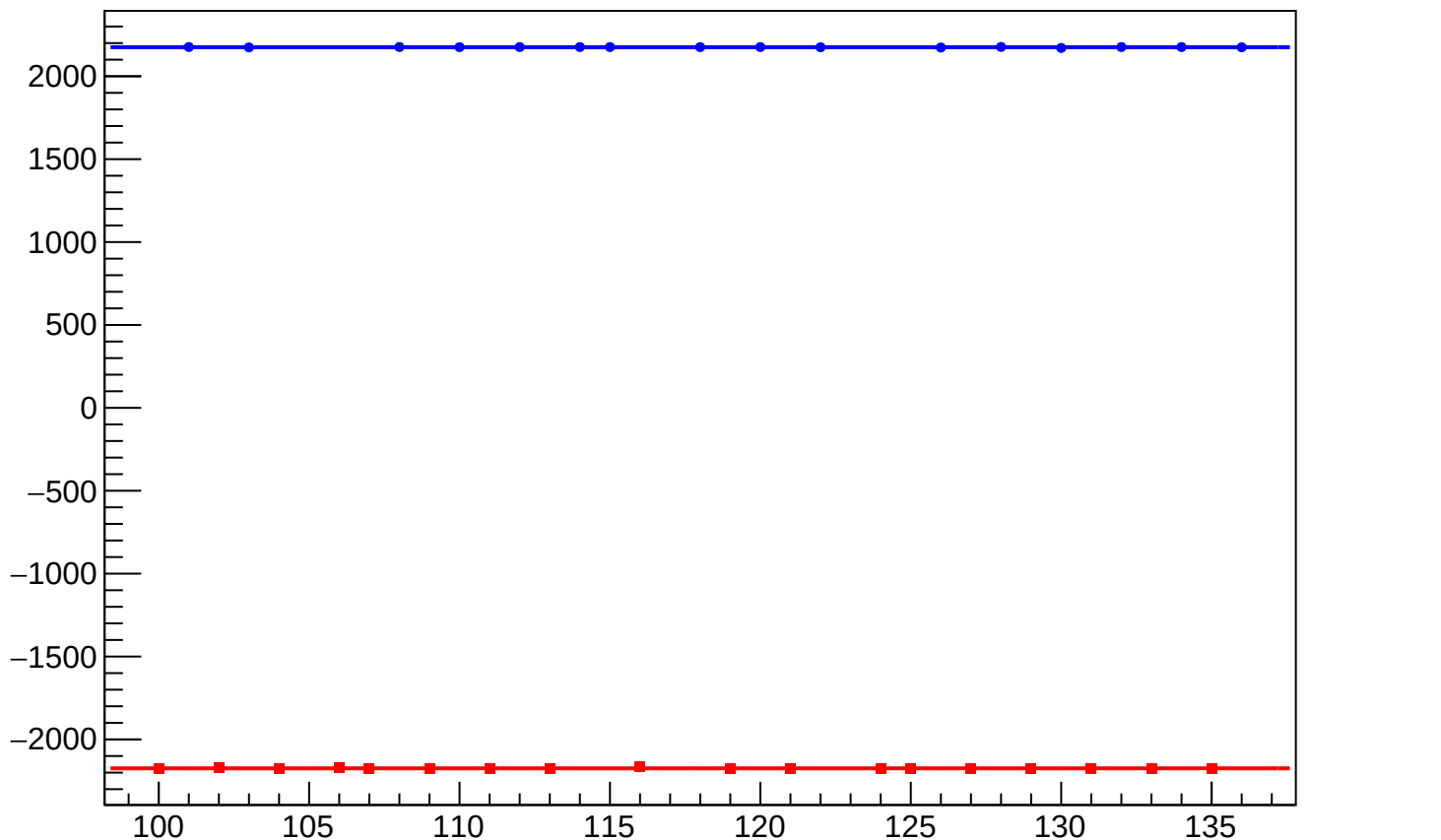
Right: -0.001+/-0.000 χ^2/NDF : 257.3/32

In: -0.001+/-0.000 χ^2/NDF : 114.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

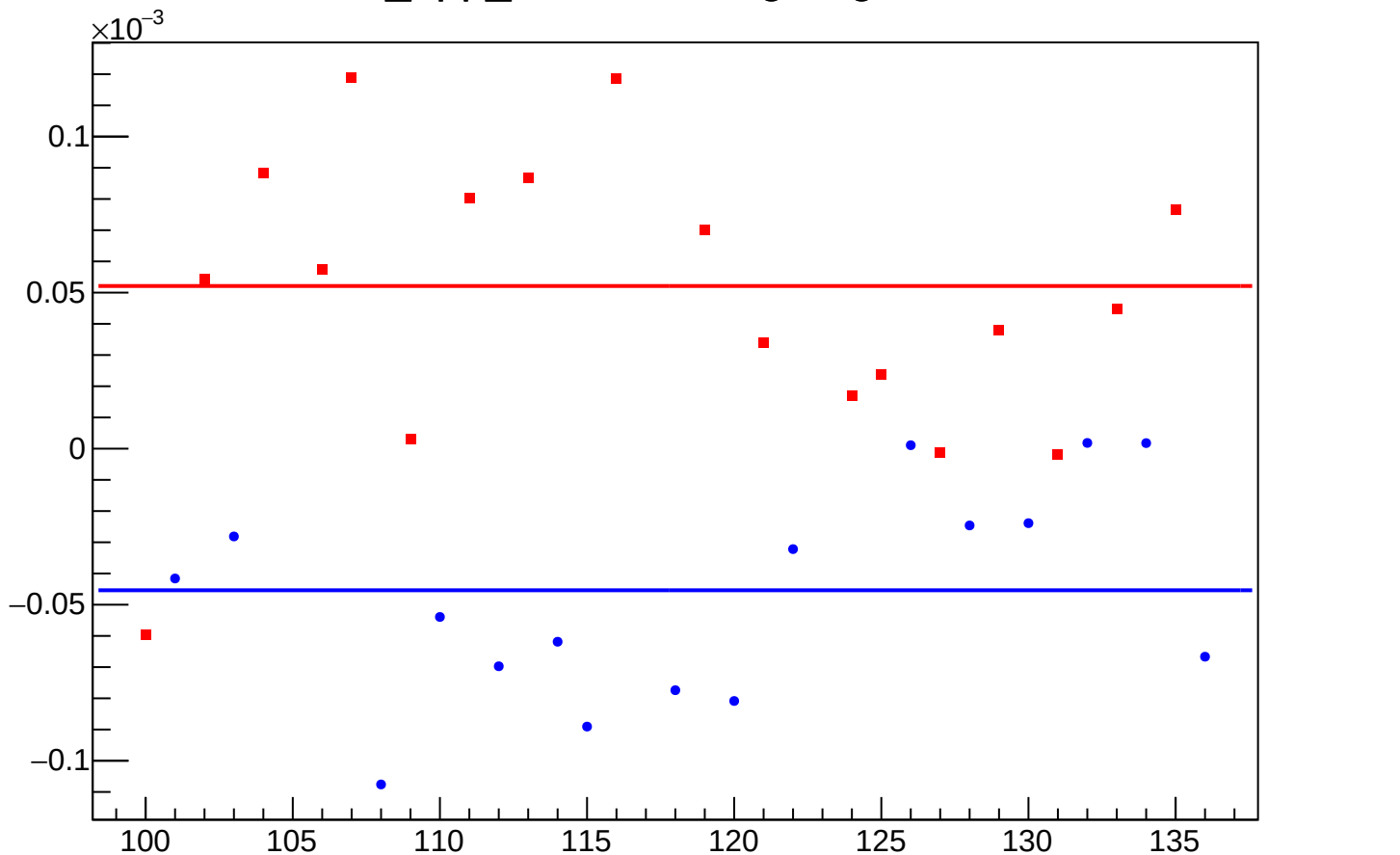
All: -0.001+/-0.000 χ^2/NDF : 257.3/32

HALLA_p_mean vs Slug, Sign Corrected



Right In: 2175.201 $\pm$ 0.000 χ^2/NDF : 1765724072923660180937051331362816.0/15
 Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 Right Out: -2174.274 $\pm$ 0.000 χ^2/NDF : 5470592591069036145029658651394048.0/17
 Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0
 All: -2.467 $\pm$ 0.000 χ^2/NDF : 7018546164642895

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 : 52183160958839923

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000

χ^2/NDF : 978541566473376054116352.0/17

χ^2/NDF : 713132081378122377

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

In: -0.000+/-0.000

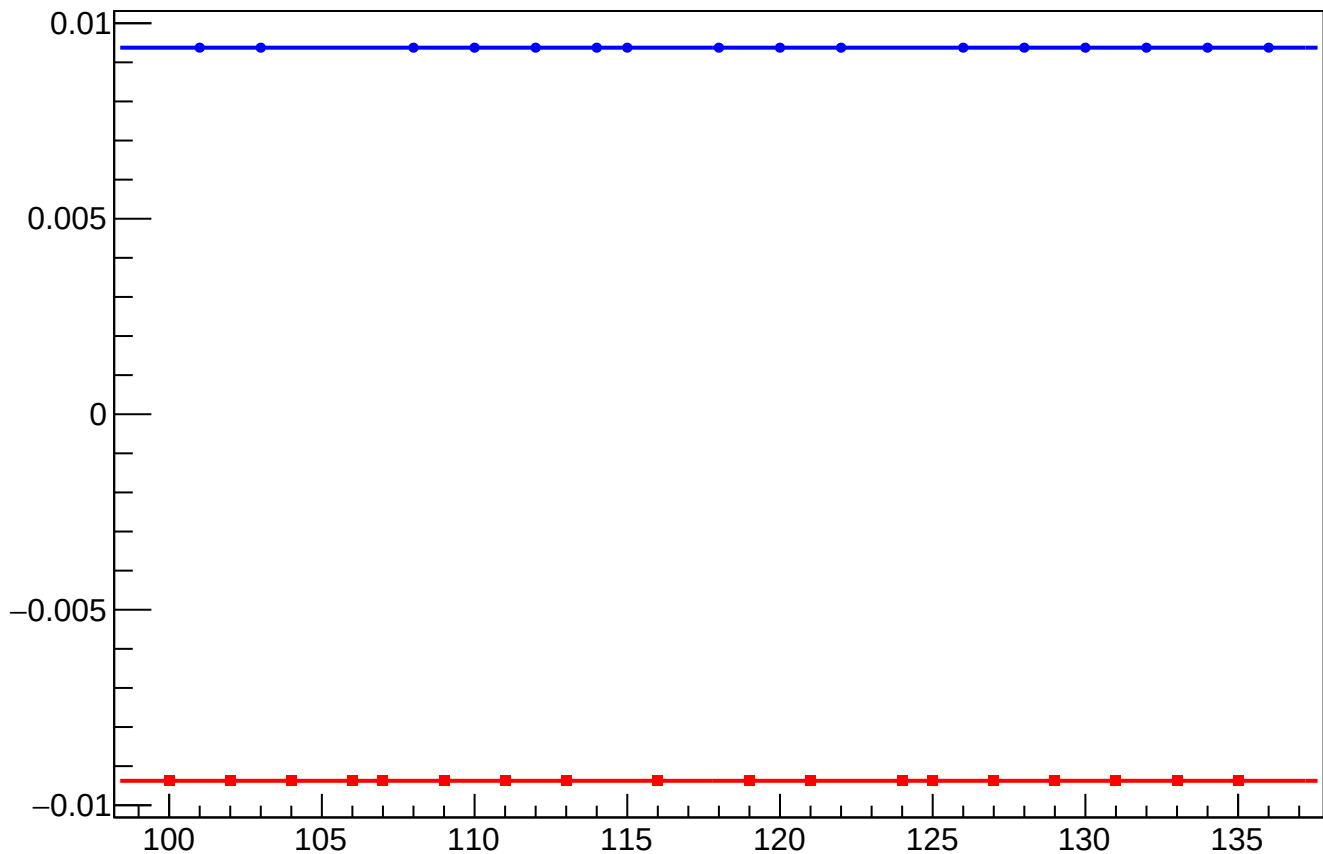
χ^2/NDF : 0.0/0

Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 52183160958839923

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 : 0.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

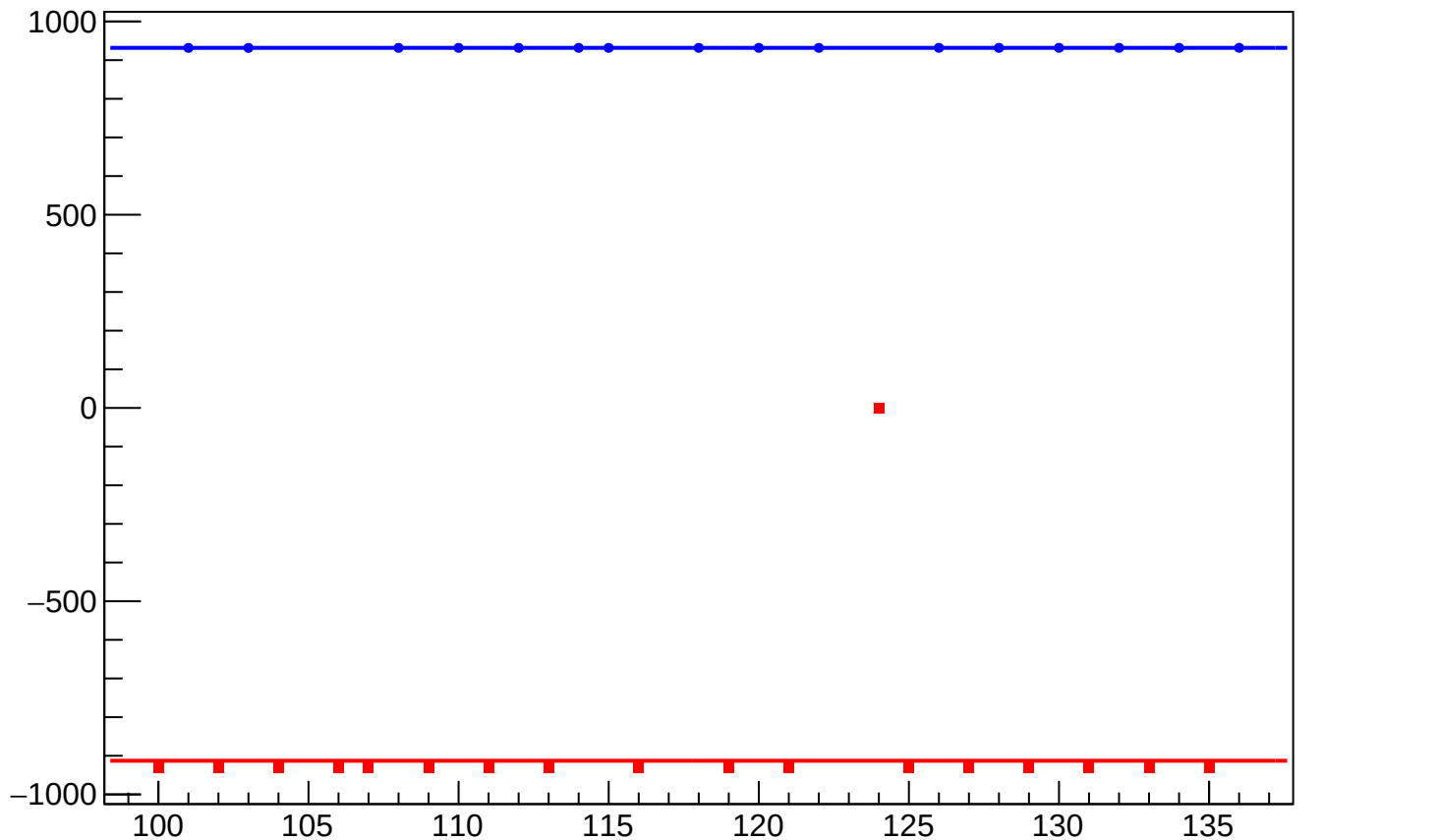
Right: -0.000+/-0.000 χ^2/NDF : 1304294505980457

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

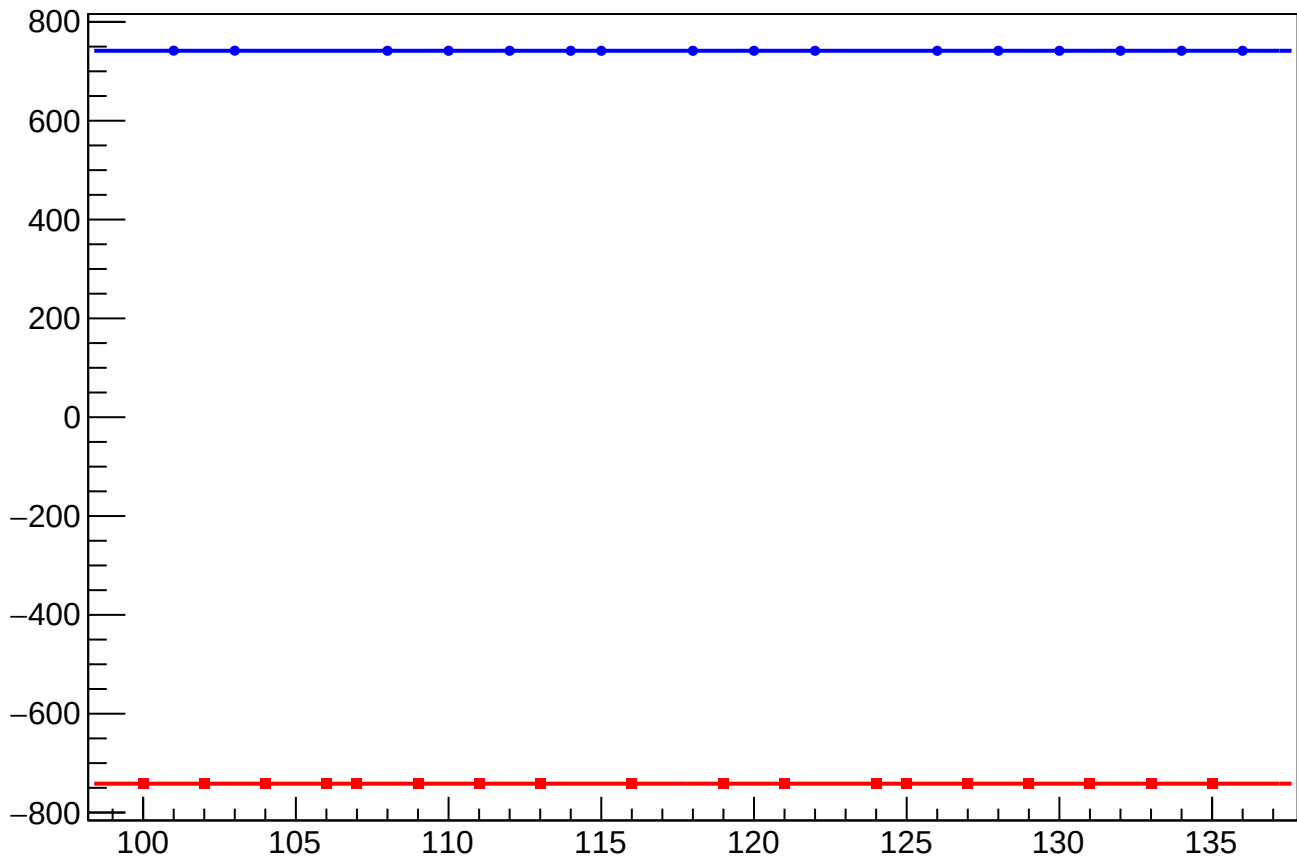
All: -0.000+/-0.000 χ^2/NDF : 1304294505980

HacL_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



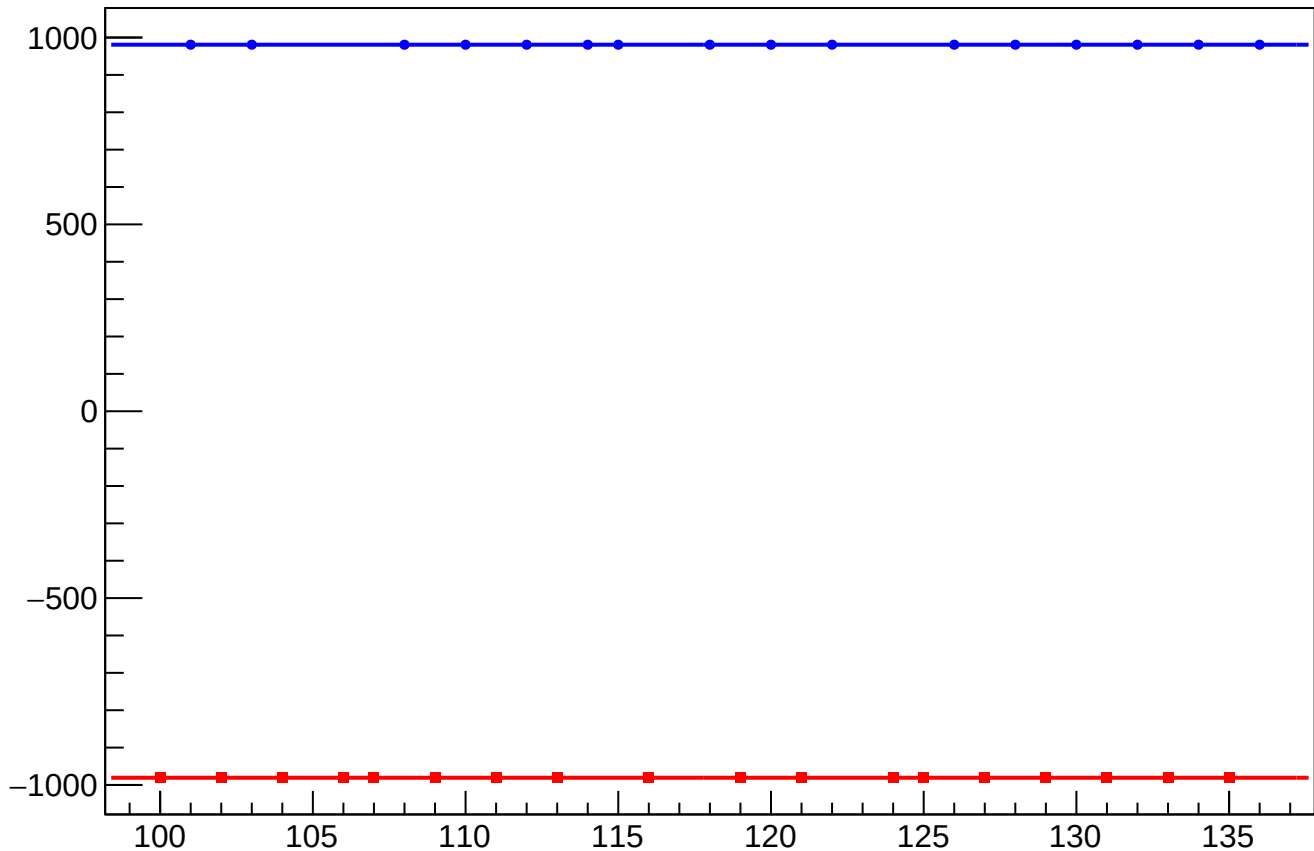
Right In: 931.769+/-0.000 χ^2/NDF : 2757217223595001187167685836800.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -912.951+/-0.000 χ^2/NDF : 12758911602742520537728059533074366464.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: 8.166+/-0.000 χ^2/NDF : 12752669286998047

HacL_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected



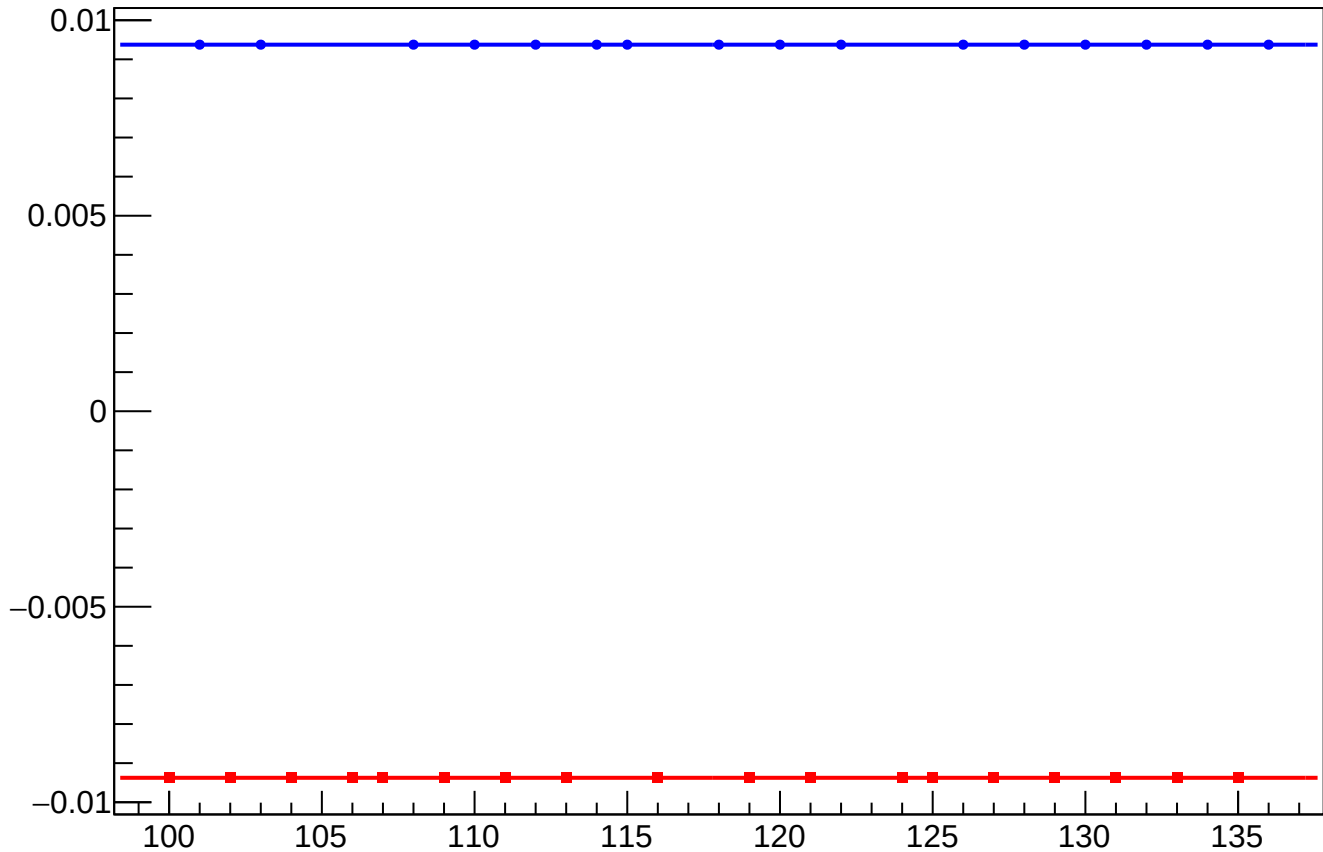
Right In: 741.569+/-0.000 χ^2/NDF : 6432951176127947061938899386368.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -741.578+/-0.000 χ^2/NDF : 7664105974075595079540354842624.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.004+/-0.000 χ^2/NDF : 8160960864432528

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: -980.722+/-0.000 χ^2/NDF : 55808652440842603093392495738880.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.281+/-0.000 χ^2/NDF : 1427450831070985

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 : 0.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

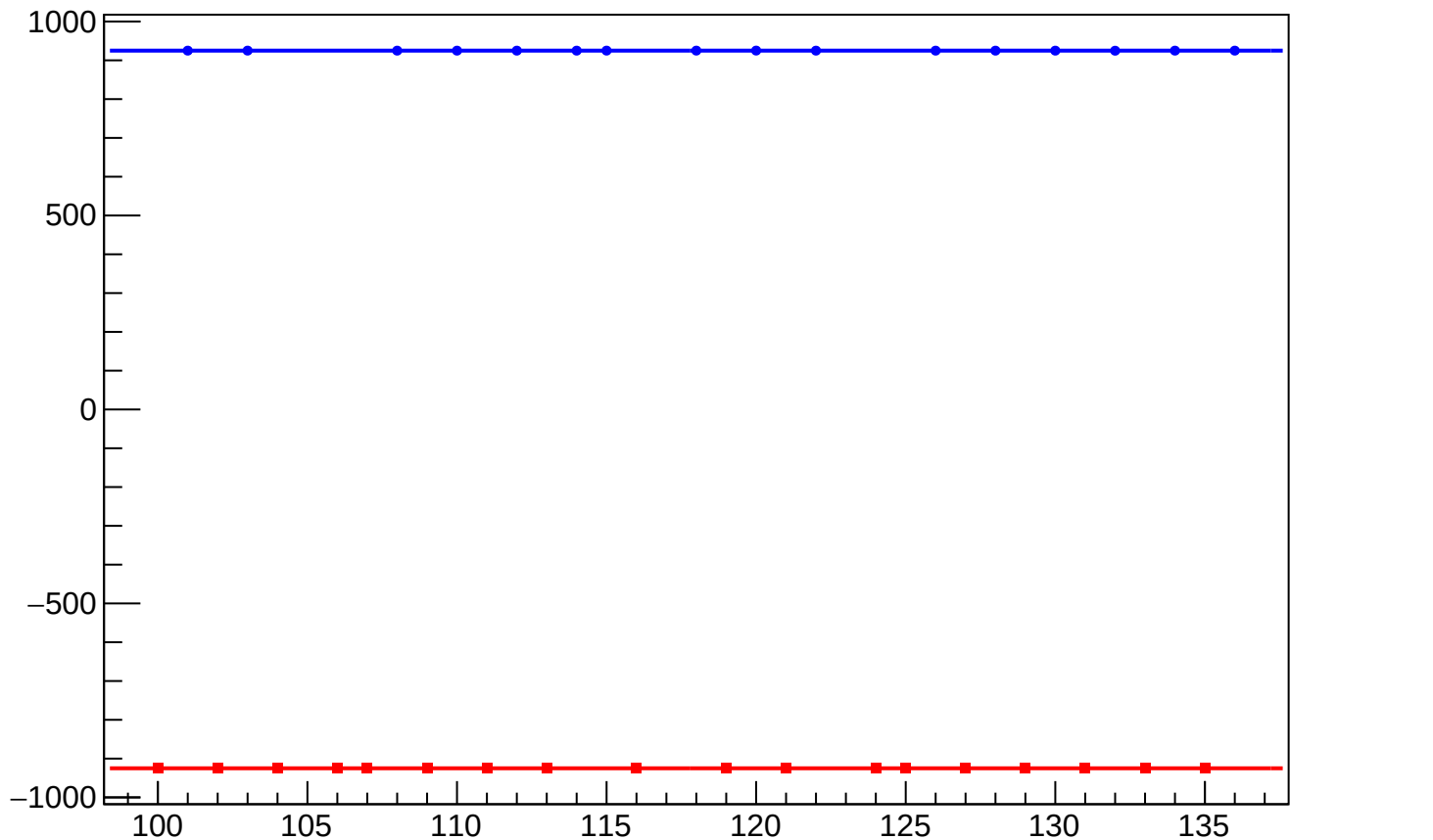
Right: -0.000+/-0.000 χ^2/NDF : 1304294505980457

In: 0.009+/-0.000 χ^2/NDF : 0.1/15

Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

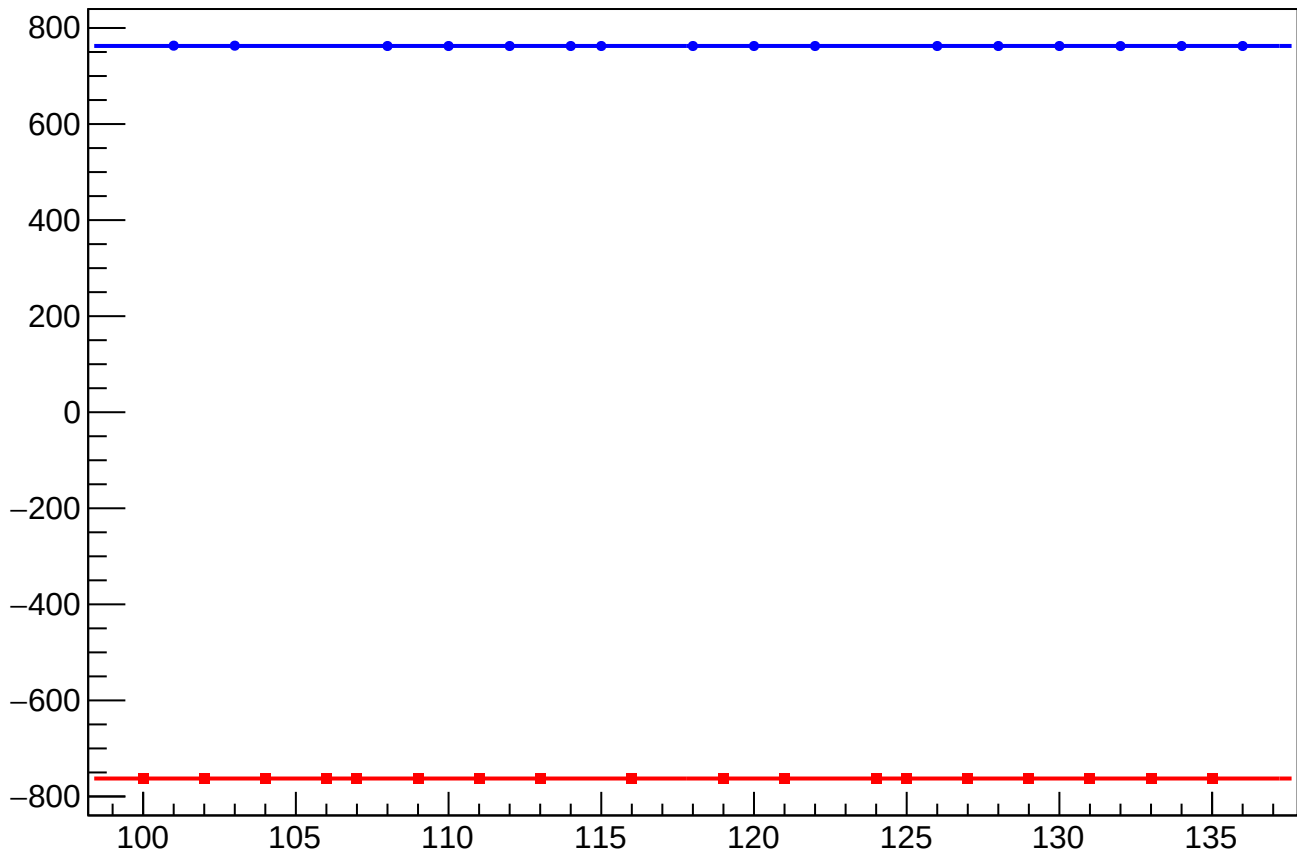
All: -0.000+/-0.000 χ^2/NDF : 1304294505980

HacR_Q2_HP3458A_IOUT_mean vs Slug, Sign Corrected



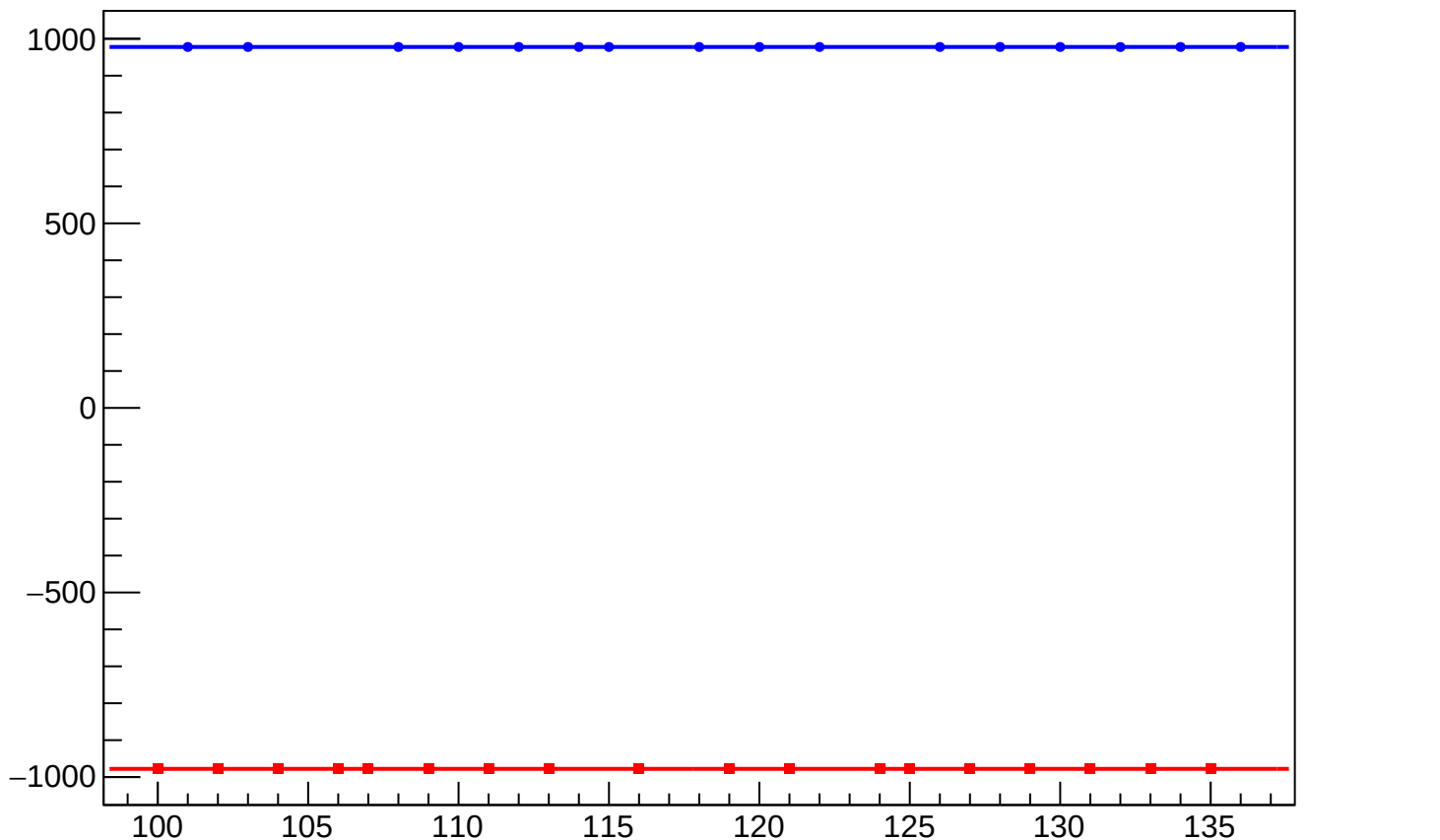
Right In: 924.966+/-0.000 χ^2/NDF : 2544370508087658800533037121536.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -924.975+/-0.000 χ^2/NDF : 1229299524754634783146037477376.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.251+/-0.000 χ^2/NDF : 1269664106008881

HacR_D1_HP3458A_IOUT_mean vs Slug, Sign Corrected

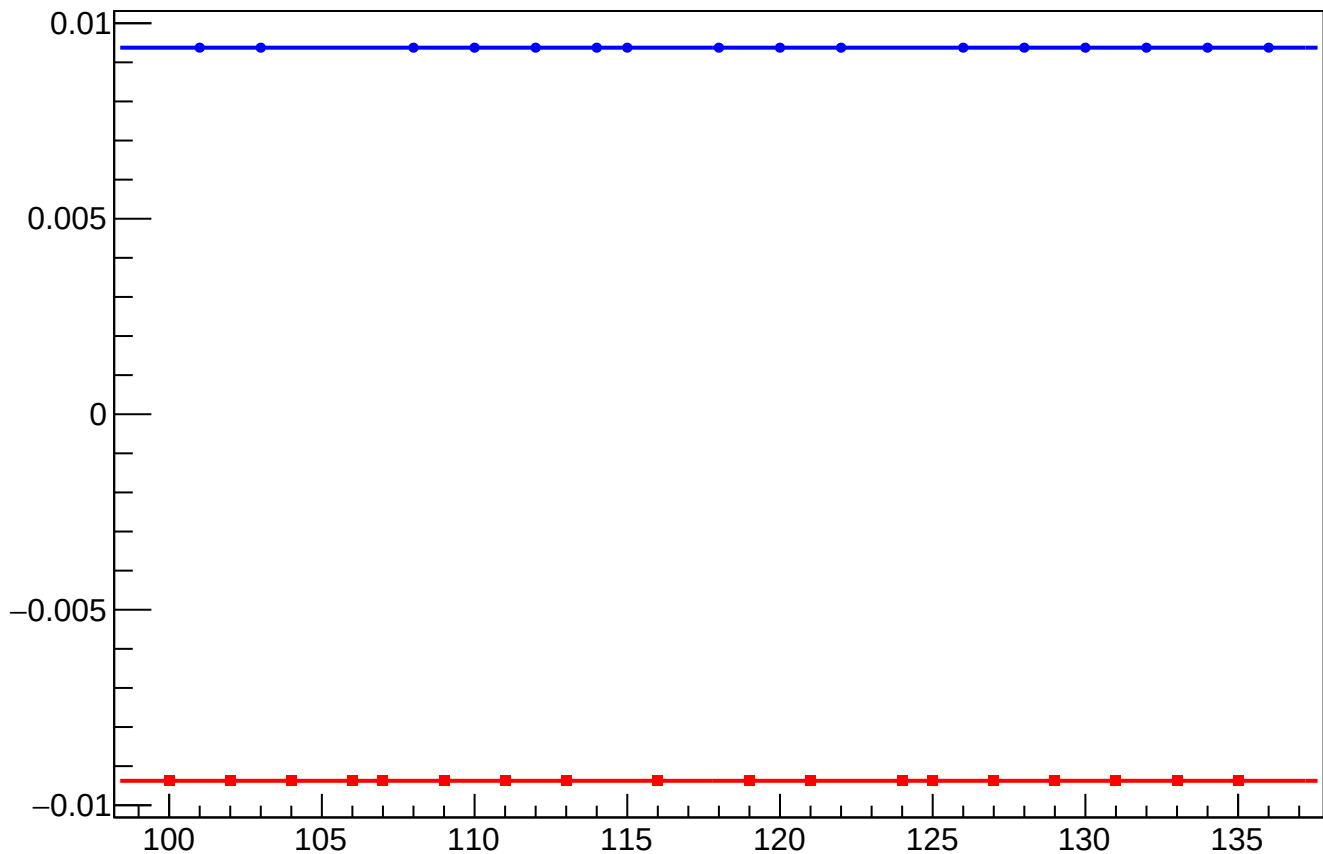


Right In: 762.611+/-0.000 χ^2/NDF : 52161453489138778834460408283136.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -762.621+/-0.000 χ^2/NDF : 52844301471646474619393285292032.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -1.033+/-0.000 χ^2/NDF : 8630678710905260

HacR_Q3_HP3458A_IOUT_mean vs Slug, Sign Corrected



hesDipole_current_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: 0.0/17

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

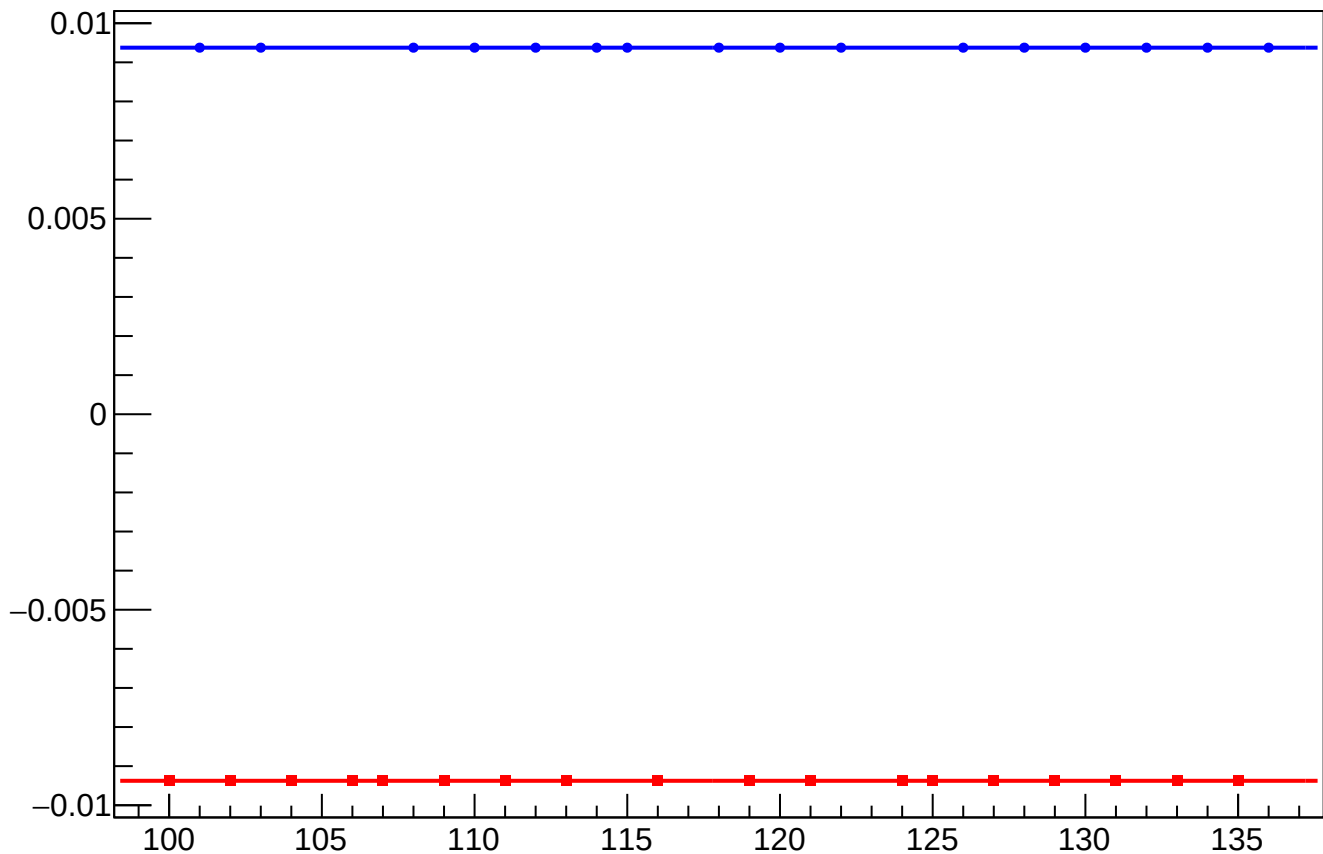
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1304294505980457

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: 1304294505980

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 : 0.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

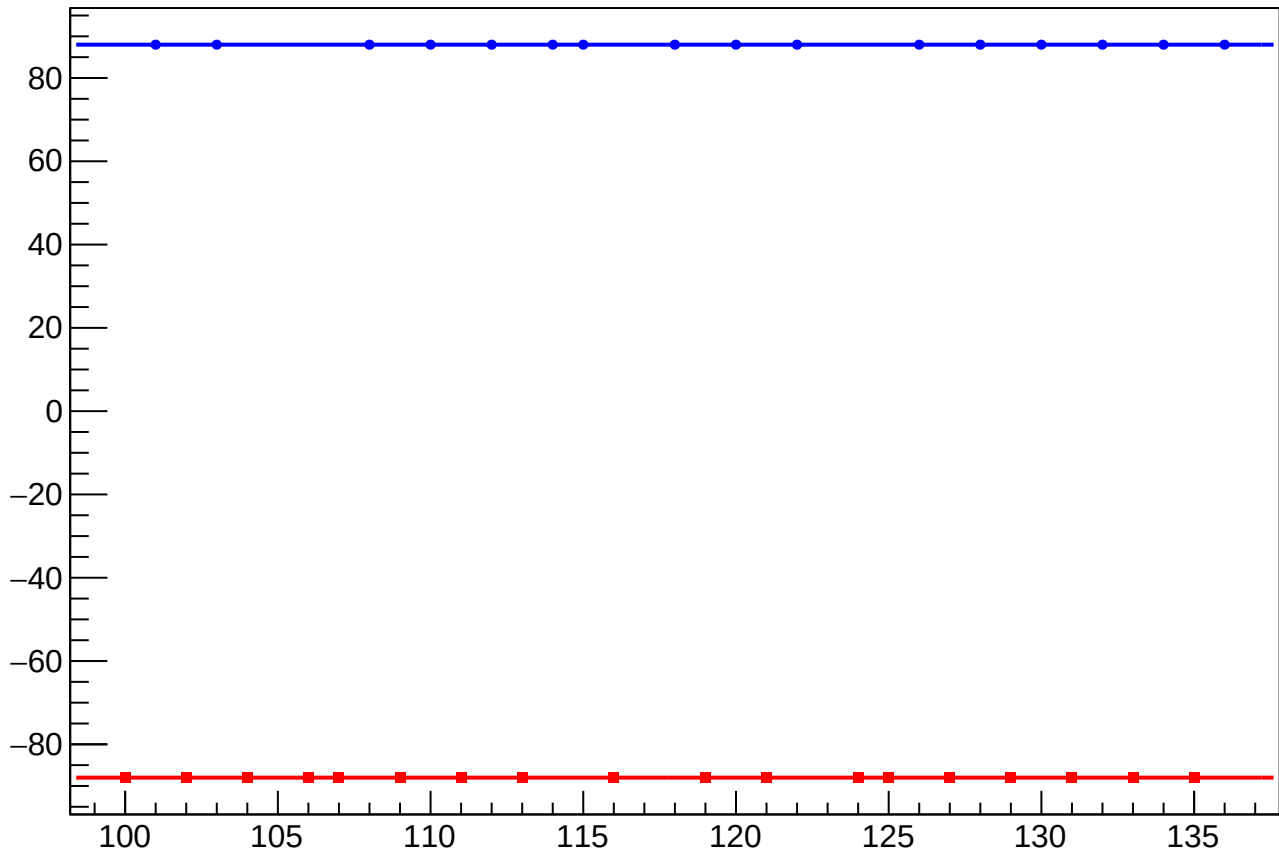
Right: -0.000+/-0.000 χ^2/NDF : 1304294505980457

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 : 1304294505980

VWienAngle_mean vs Slug, Sign Corrected



Right In: 88.001 $\pm$ 0.000 χ^2/NDF : 1500072.7/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -88.003 $\pm$ 0.000 χ^2/NDF : 73076931425598179665451679744.0/17

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

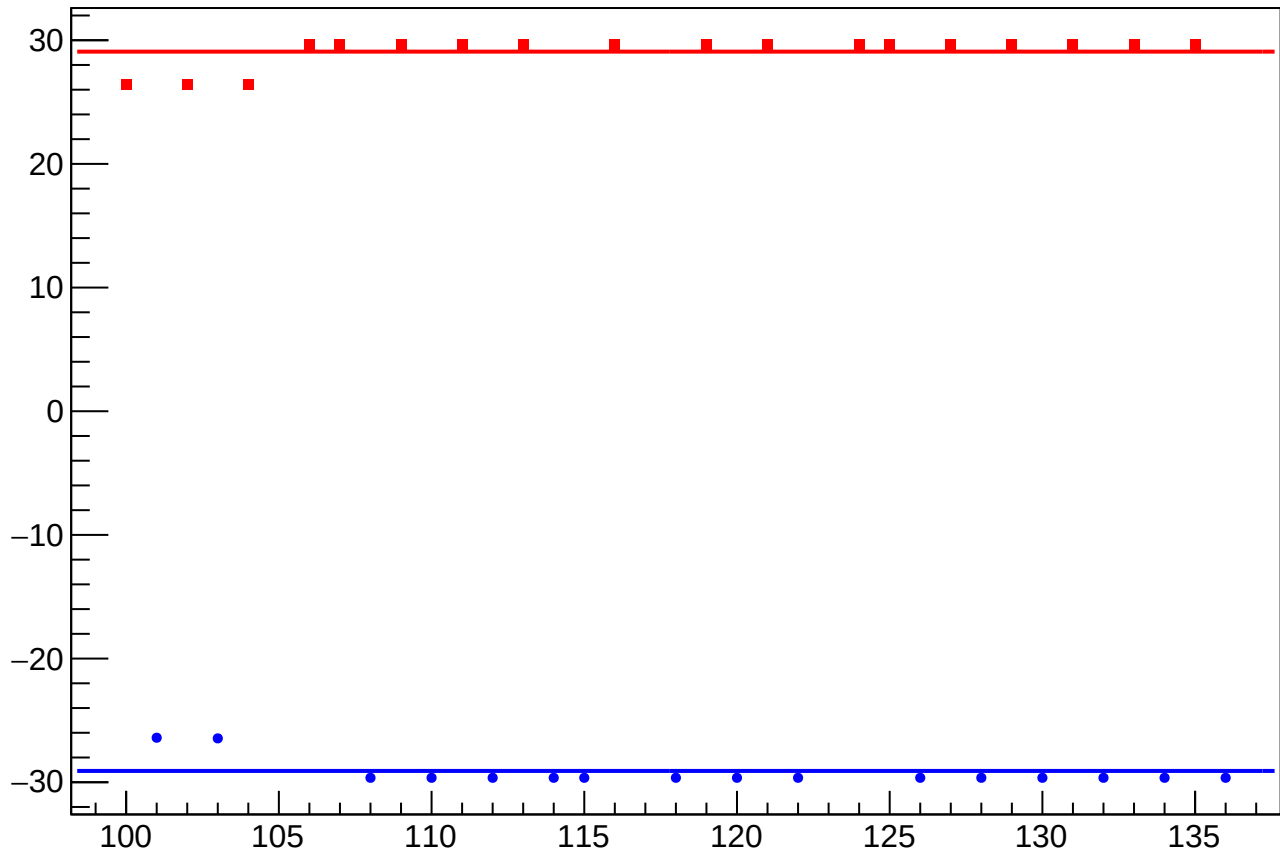
Right: -0.120 $\pm$ 0.000 χ^2/NDF : 1149262142670494

In: 88.001 $\pm$ 0.000 χ^2/NDF : 1500072.7/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

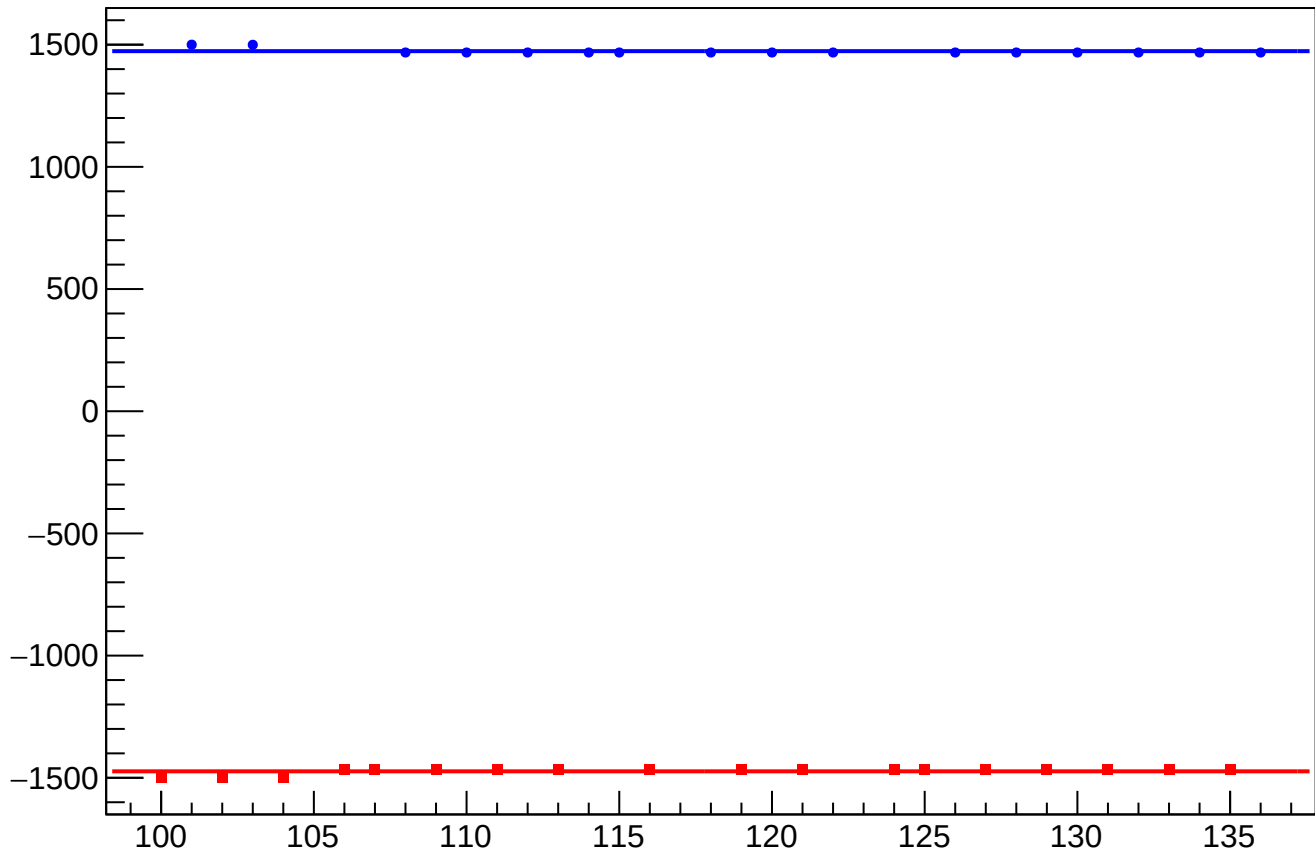
All: -0.120 $\pm$ 0.000 χ^2/NDF : 1149262142670

HWienAngle_mean vs Slug, Sign Corrected



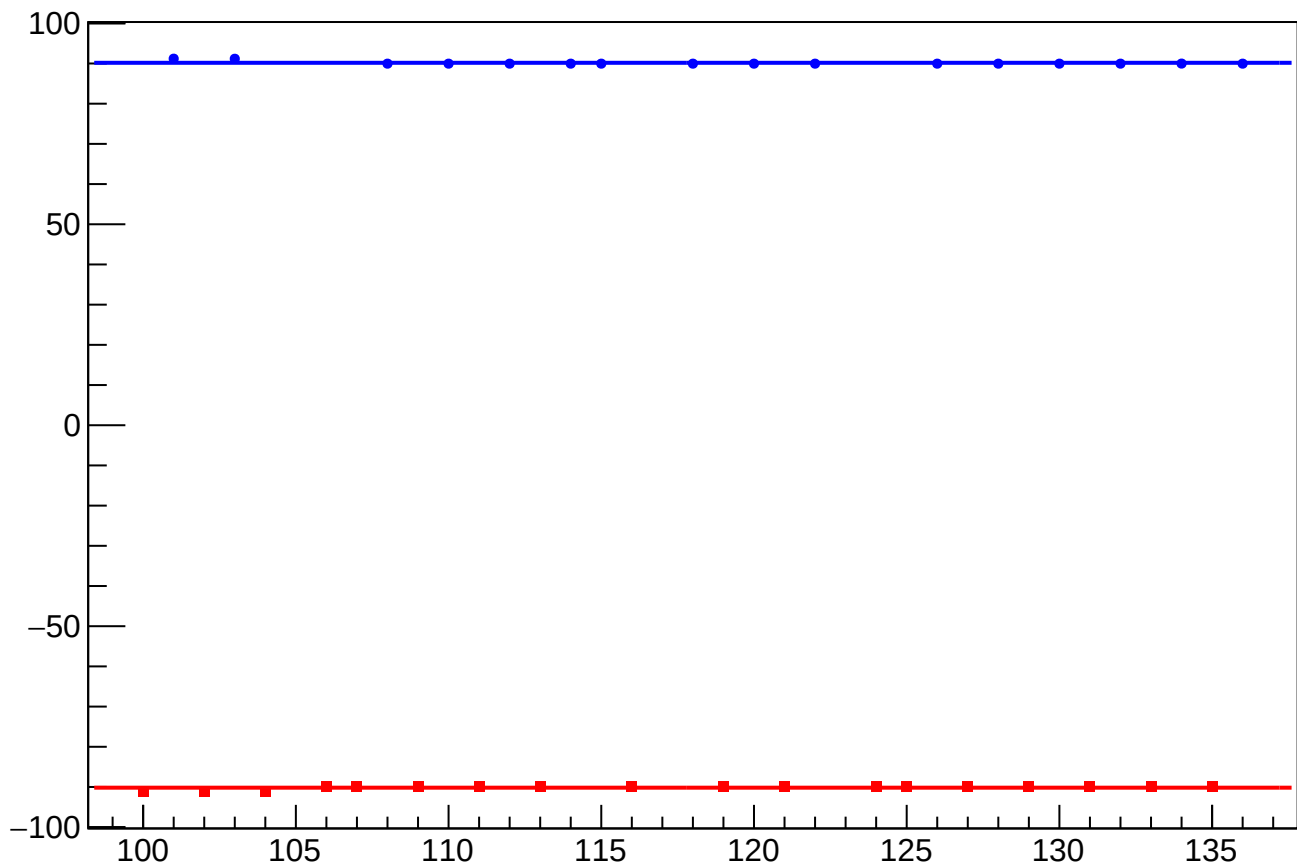
Right In: -29.085 ± 0.000 χ^2/NDF : 1094367885251609877355036411953152.0/15
 Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 Right Out: 29.078 ± 0.000 χ^2/NDF : 1119075243068660475347394275311616.0/17
 Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: 0.036 ± 0.000 χ^2/NDF : 12573045884387847

psub_pl_pos_mean vs Slug, Sign Corrected



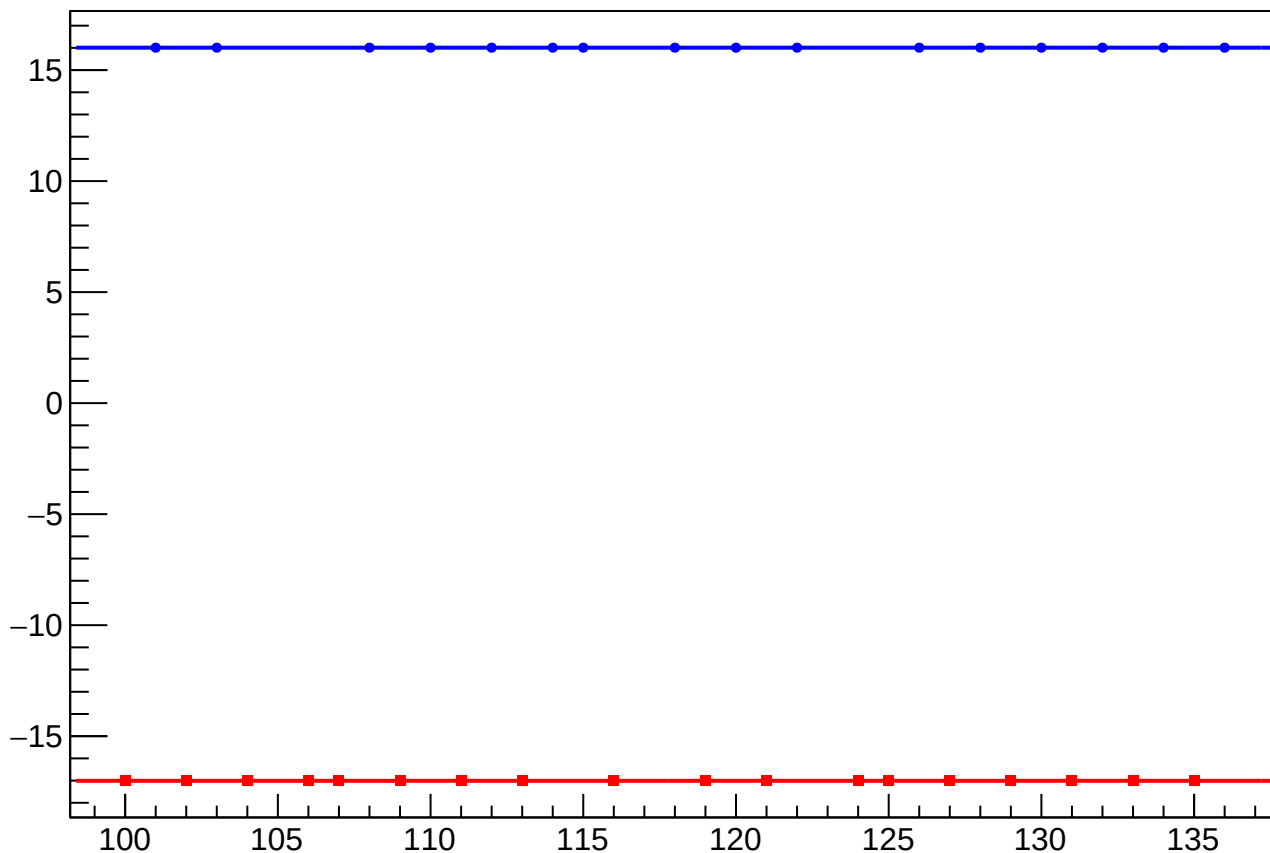
Right In: 1473.467+/-0.000 χ^2/NDF : 106894194860706176878485793704771584.0/15
Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
Right Out: -1473.539+/-0.000 χ^2/NDF : 109307526937225164497814800308371456.0/17
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -2.022+/-0.000 χ^2/NDF : 3222288295523525

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: -90.175+/-0.000 χ^2/NDF : 163912712786021680940421849546752.0/17
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
All: -0.122+/-0.000 χ^2/NDF : 1206713794363967

IGL1I00DI24_24M_mean vs Slug, Sign Corrected



Right In: 16.009 $\pm$ 0.000 χ^2/NDF : 44239.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -17.009 $\pm$ 0.000 χ^2/NDF : 13711476930062655747522560.0/17

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

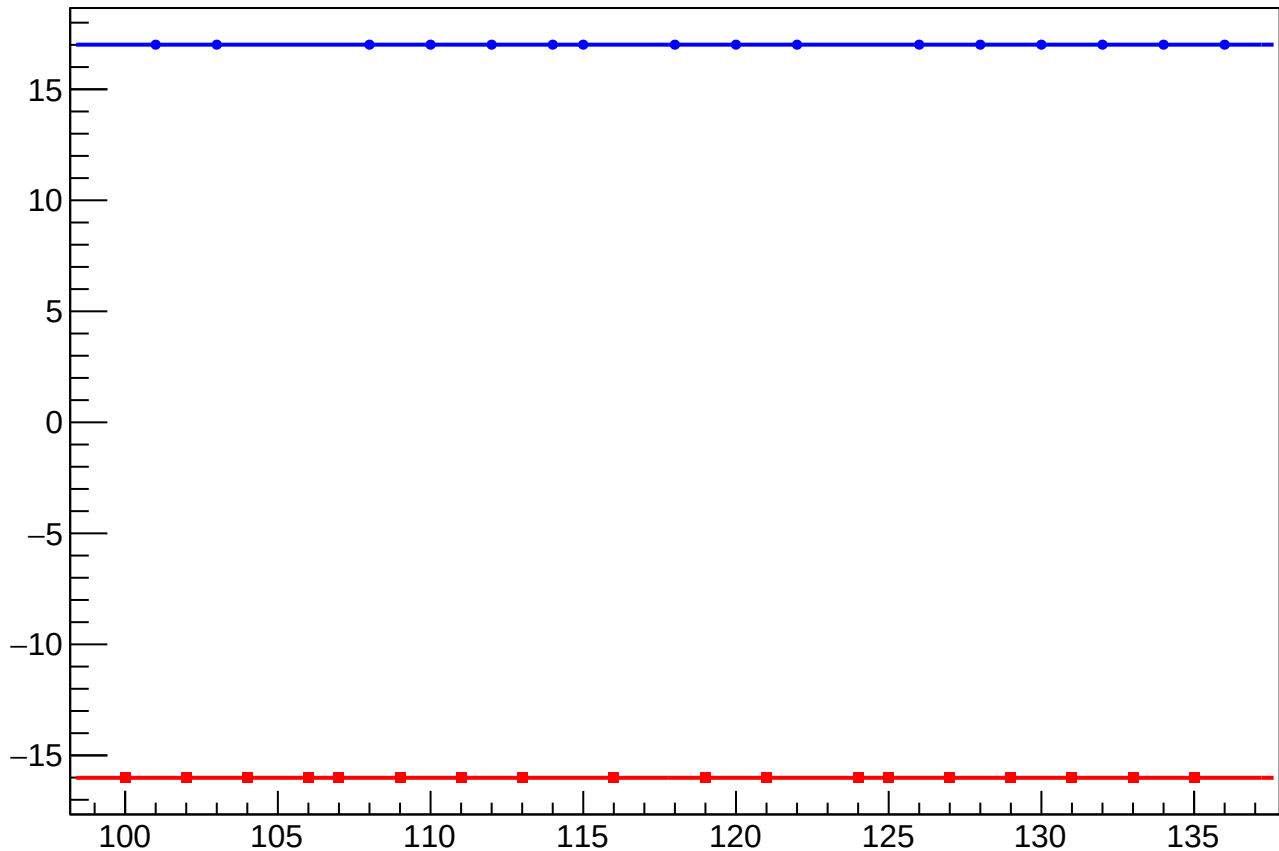
Right: -0.152 $\pm$ 0.000 χ^2/NDF : 3746004470159367

In: 16.009 $\pm$ 0.000 χ^2/NDF : 44239.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.152 $\pm$ 0.000 χ^2/NDF : 3746004470159

IGL1I00OD16_16_mean vs Slug, Sign Corrected



Right In: 17.009 $\pm$ 0.000 χ^2/NDF : 126634.3/15

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -16.009 $\pm$ 0.000 χ^2/NDF : 35479.8/17

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

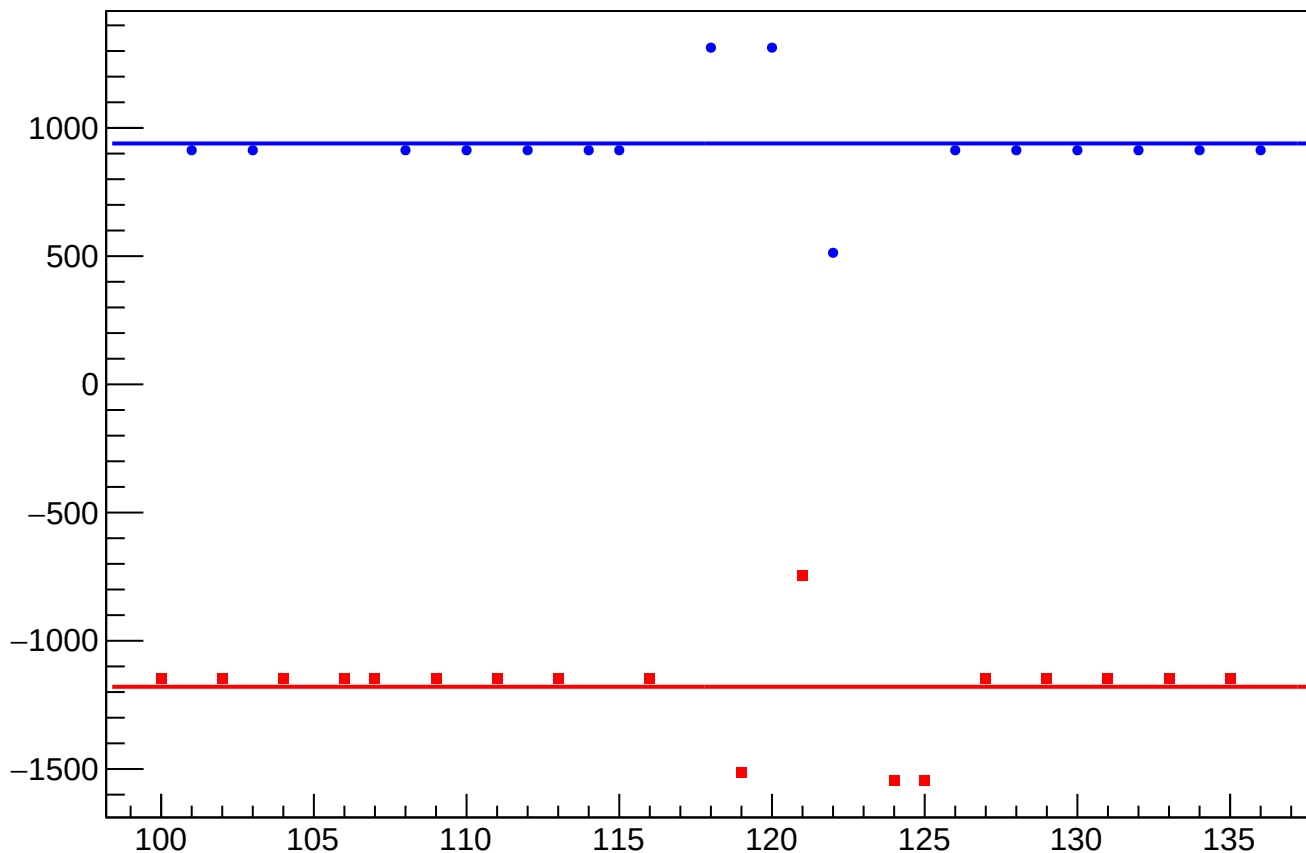
Right: 0.135 $\pm$ 0.000 χ^2/NDF : 39392796750996856

In: 17.009 $\pm$ 0.000 χ^2/NDF : 126634.3/15

Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

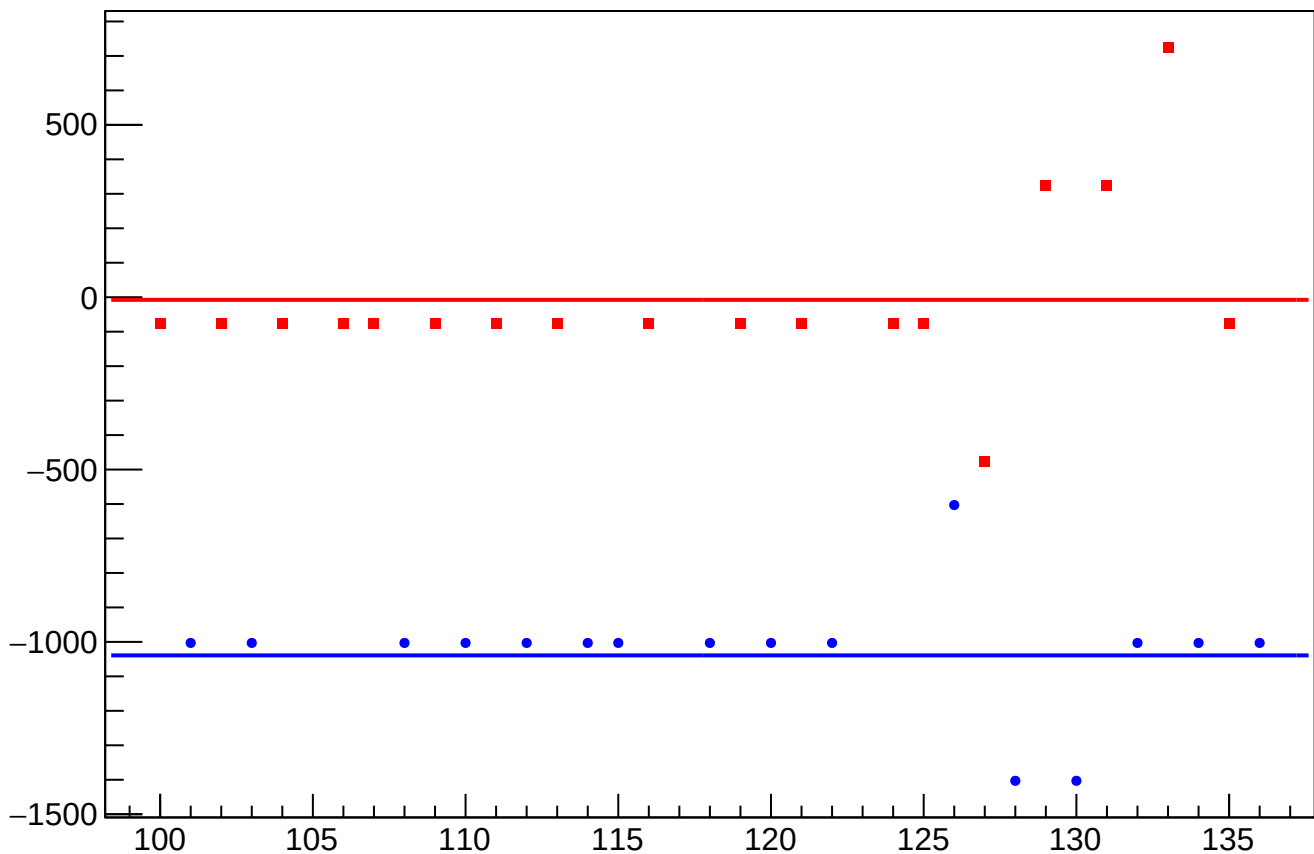
All: 0.135 $\pm$ 0.000 χ^2/NDF : 39392796750996856

RTPAPOSUCNT_mean vs Slug, Sign Corrected



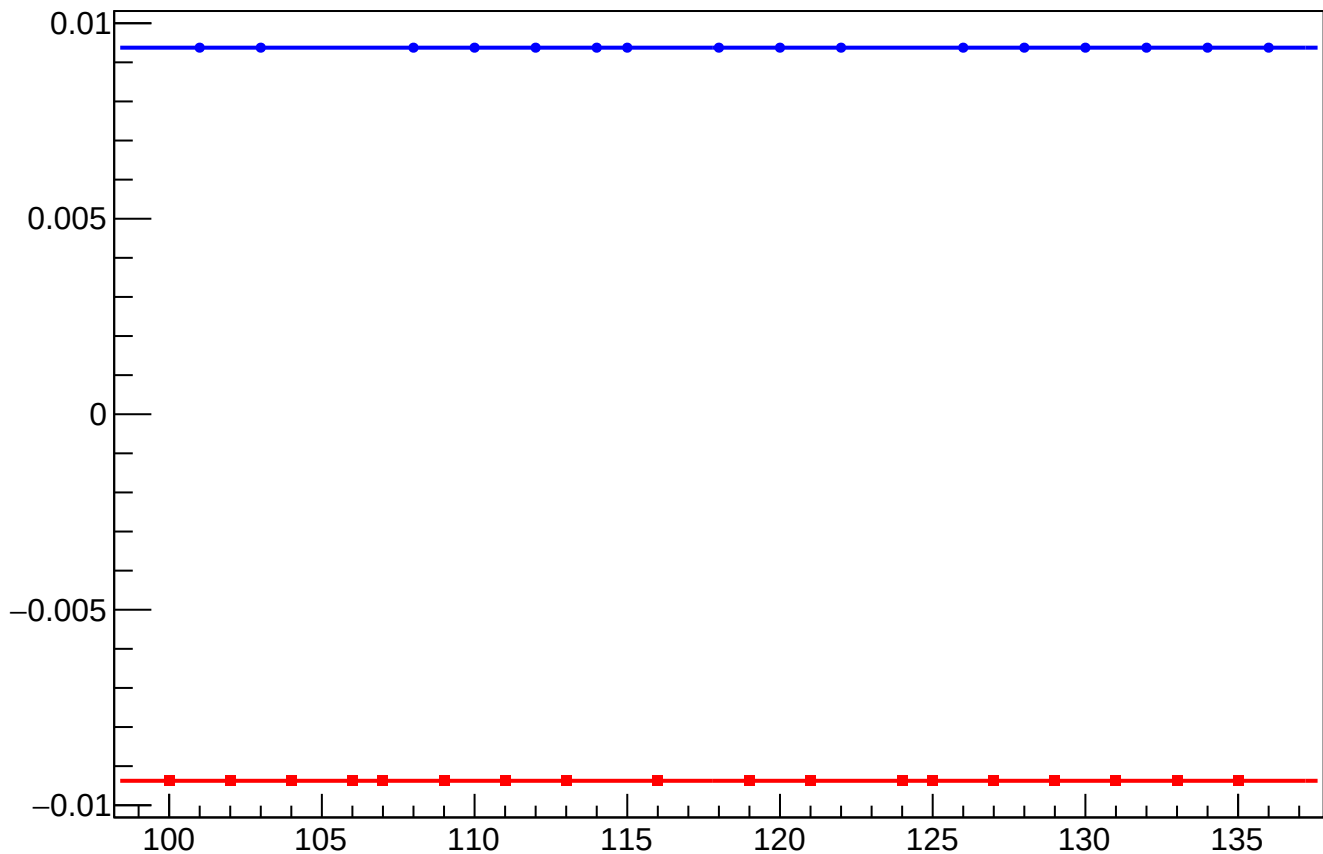
Right In: 939.446+/-0.000 χ^2/NDF : 21082933856092788763552768673189986304.0/15
 Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0
 Right Out: -1179.388+/-0.000 χ^2/NDF : 22118561351472476251407320661316599808.0/17
 Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0
 All: -121.399+/-0.000 χ^2/NDF : 17087873514356

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: -522.702+/-0.000 χ^2/NDF : 46359166491934
 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: -522.702+/-0.000 χ^2/NDF : 46359166491

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: 0.0/17

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

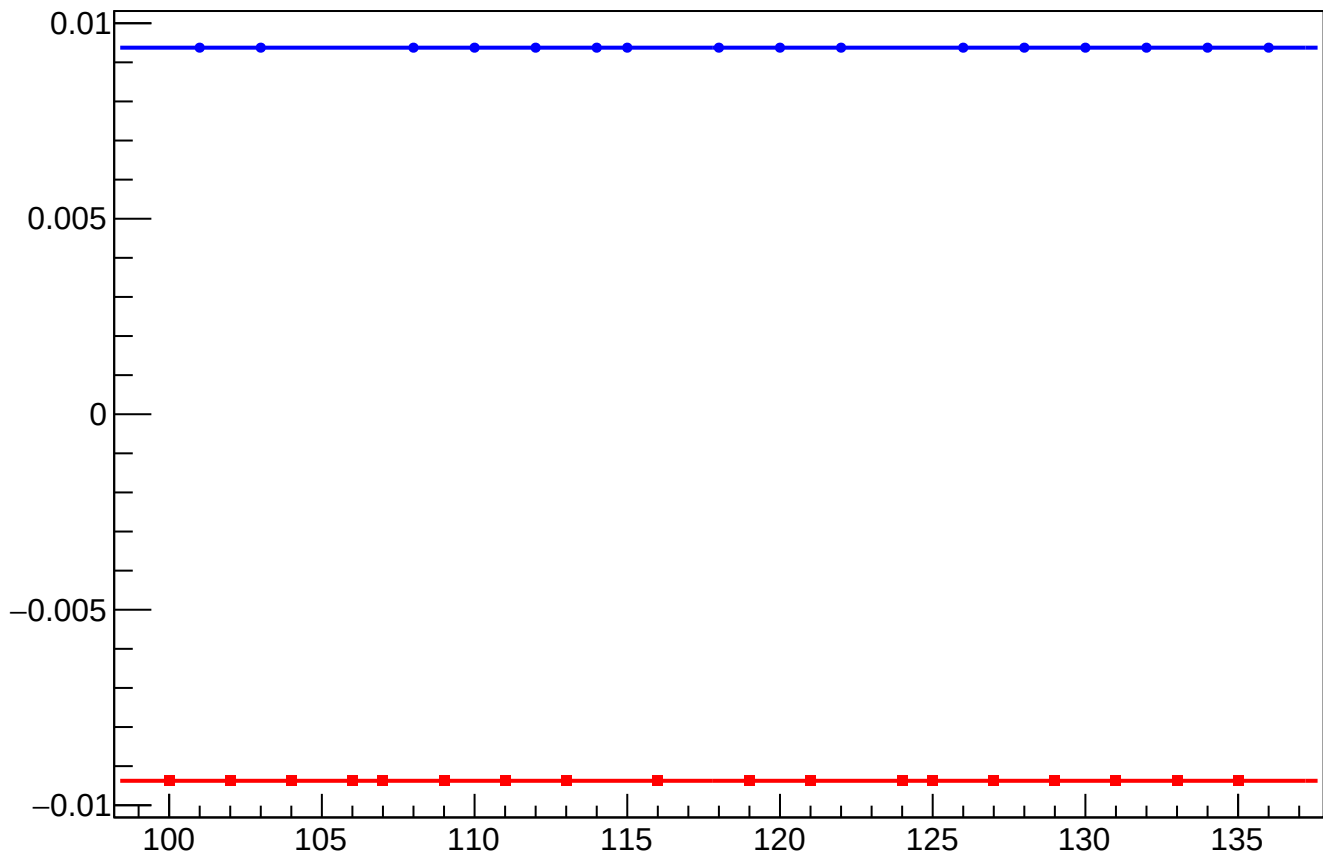
Right: -0.000 $\pm$ 0.000 χ^2 /NDF: 1304294505980457

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: 1304294505980

RTPPITA2CNT_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 : 0.0/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Left: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right: -0.000+/-0.000 χ^2/NDF : 1304294505980457

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 : 1304294505980