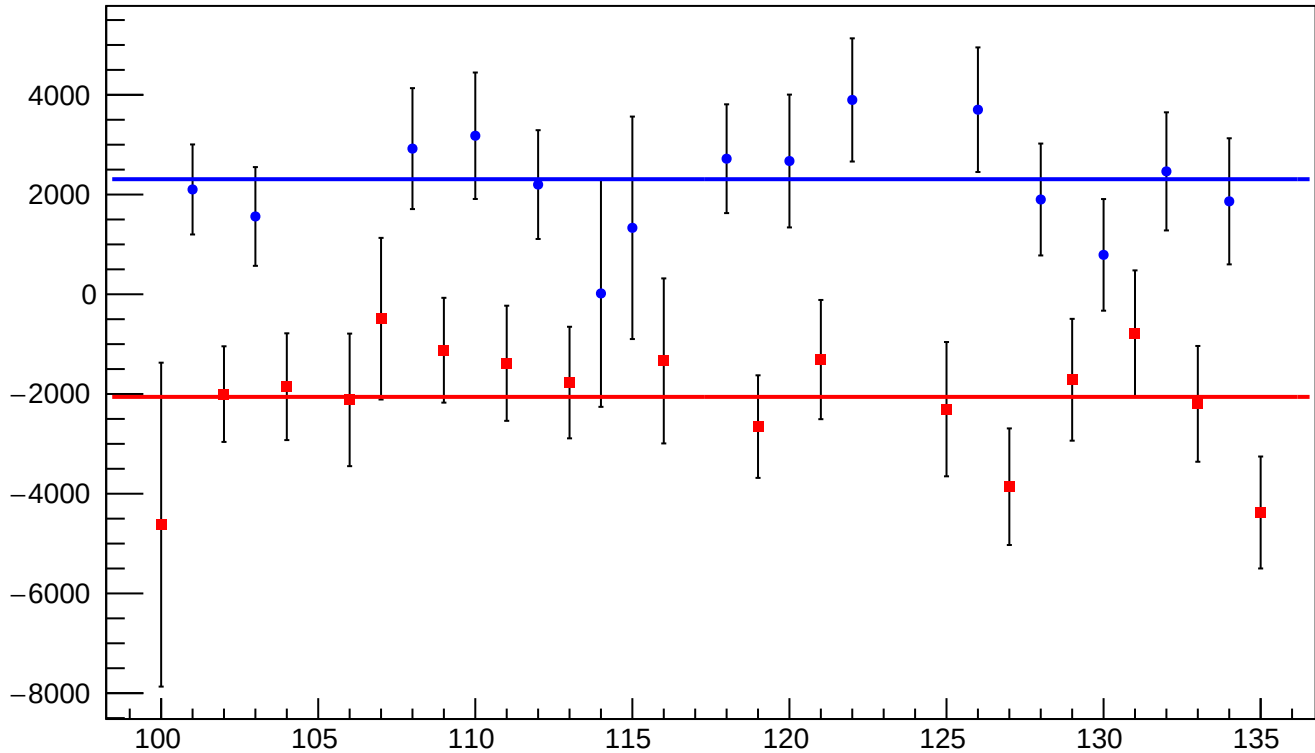


reg_asym_us_avg_mean vs Slug



Right In: 2307.917+/-309.910

χ^2/NDF : 7.8/14

Left Out: 0.000+/-0.000

χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000

χ^2/NDF : 0.0/0

Right Out: -2058.121+/-293.858

χ^2/NDF : 11.5/16

All: 8.904+/-213.238

χ^2/NDF : 123.8/31

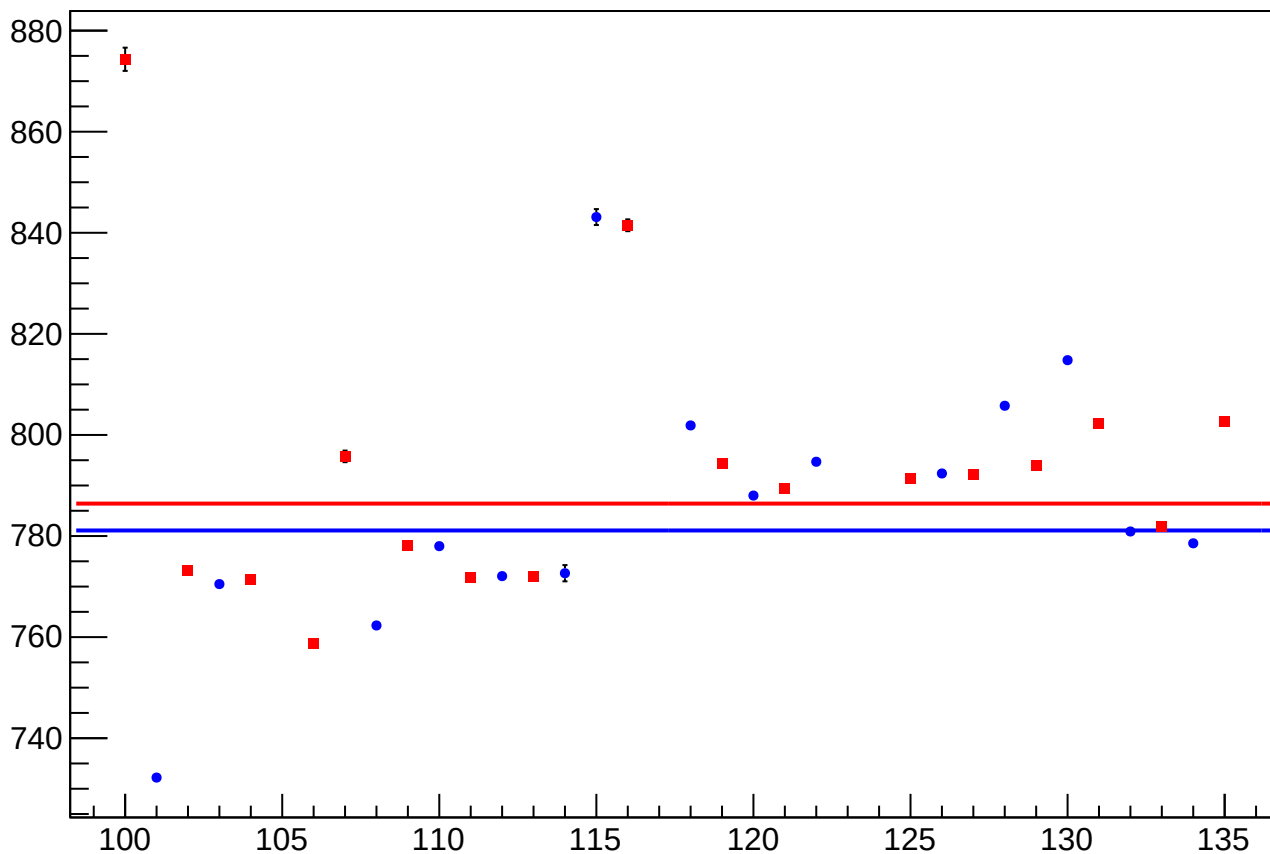
- sign 0.000+/-0.000

χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000

χ^2/NDF : 0.0/0

reg_asym_us_avg_rms vs Slug



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

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

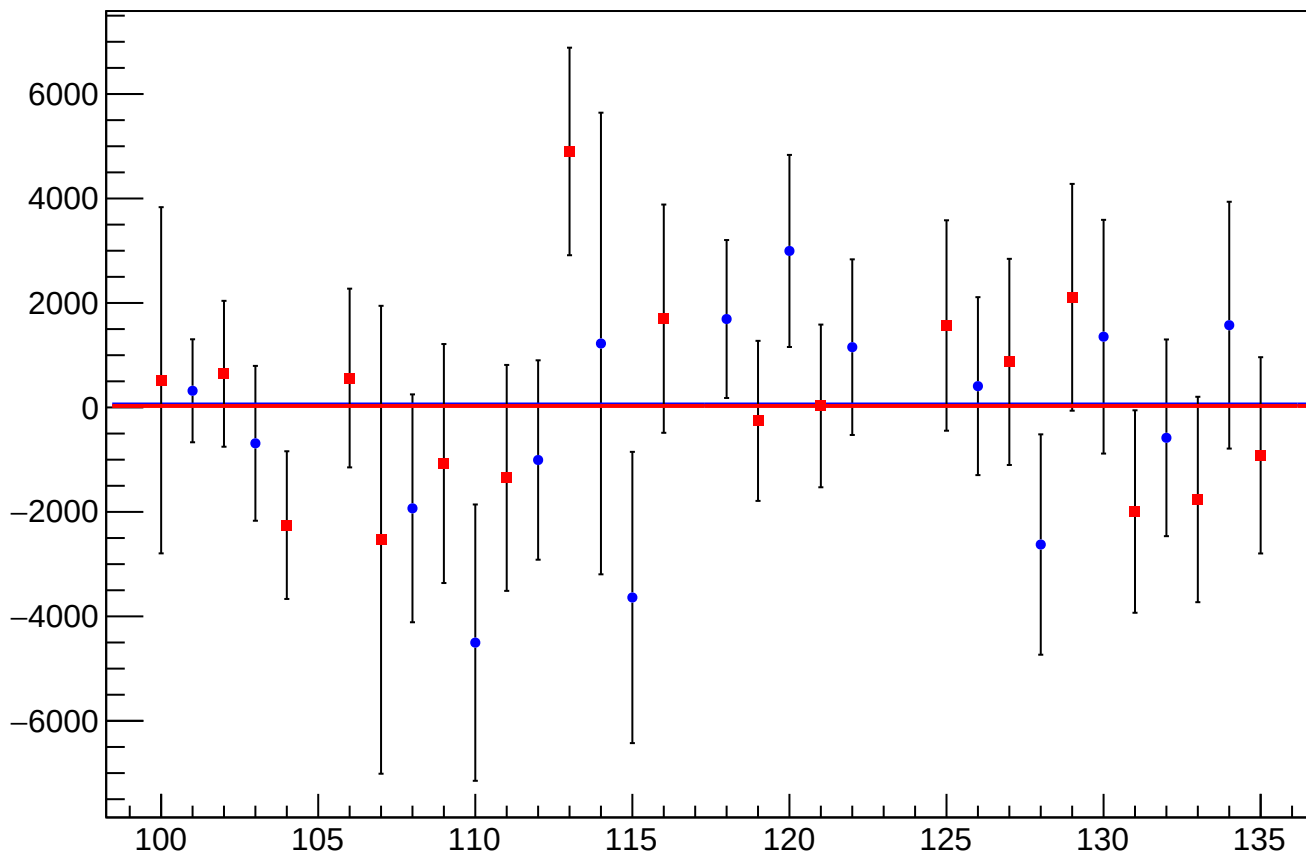
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.900+/-0.151 χ^2/NDF : 19777.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_correction_mean vs Slug



Right In: 56.094 $\pm$ 465.813 χ^2 /NDF: 12.9/14

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

Right Out: 28.499 $\pm$ 460.016 χ^2 /NDF: 14.4/16

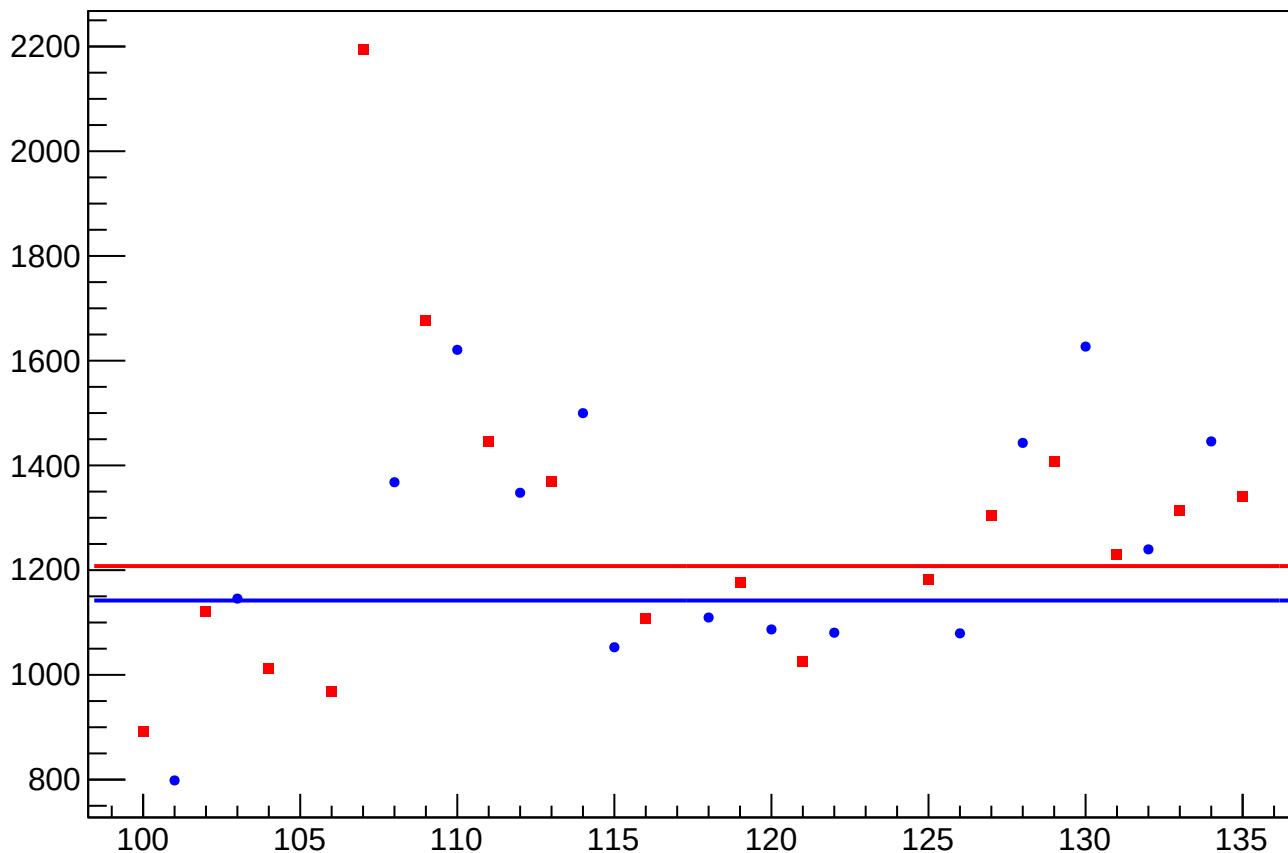
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 42.123 $\pm$ 327.311 χ^2 /NDF: 27.3/31

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

asym_us_avg_reg_correction_rms vs Slug



Right In: 1142.024 $\pm$ 0.329 χ^2 /NDF: 549497.6/14

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

Right Out: 1207.772 $\pm$ 0.325 χ^2 /NDF: 392595.2/16

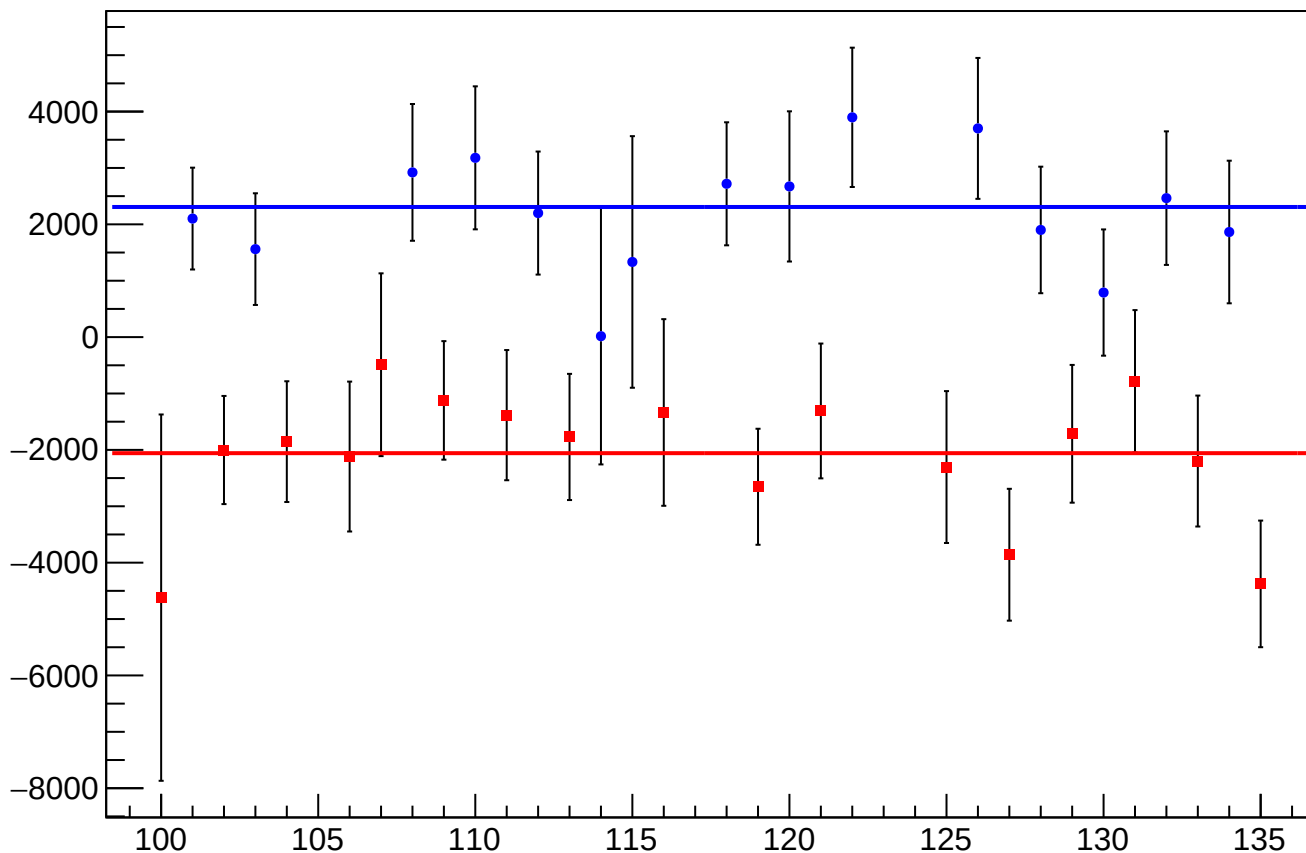
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1175.310 $\pm$ 0.231 χ^2 /NDF: 962265.1/31

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

cor_asym_us_avg_mean vs Slug



Right In: 2307.917+/-309.910 χ^2/NDF : 7.8/14

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

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

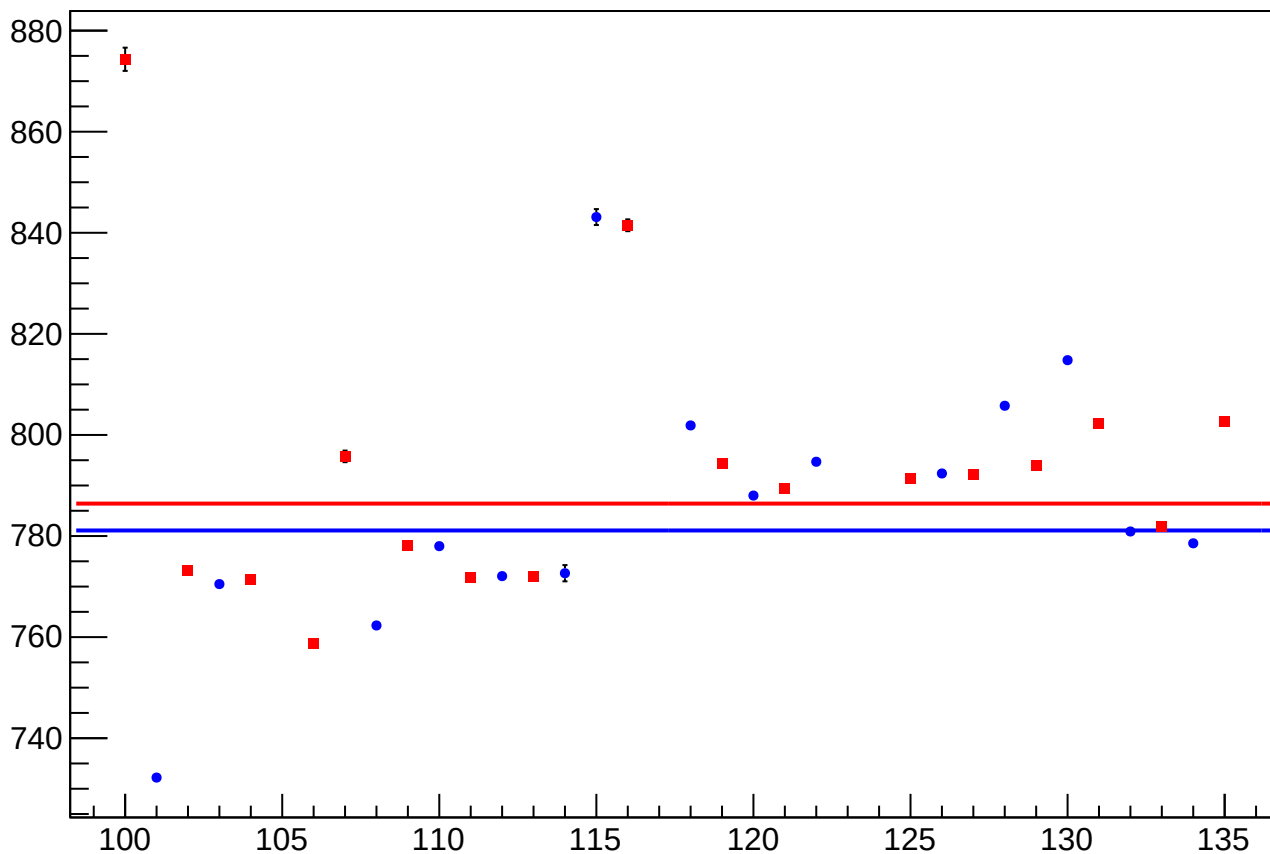
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.904+/-213.238 χ^2/NDF : 123.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_rms vs Slug



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

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

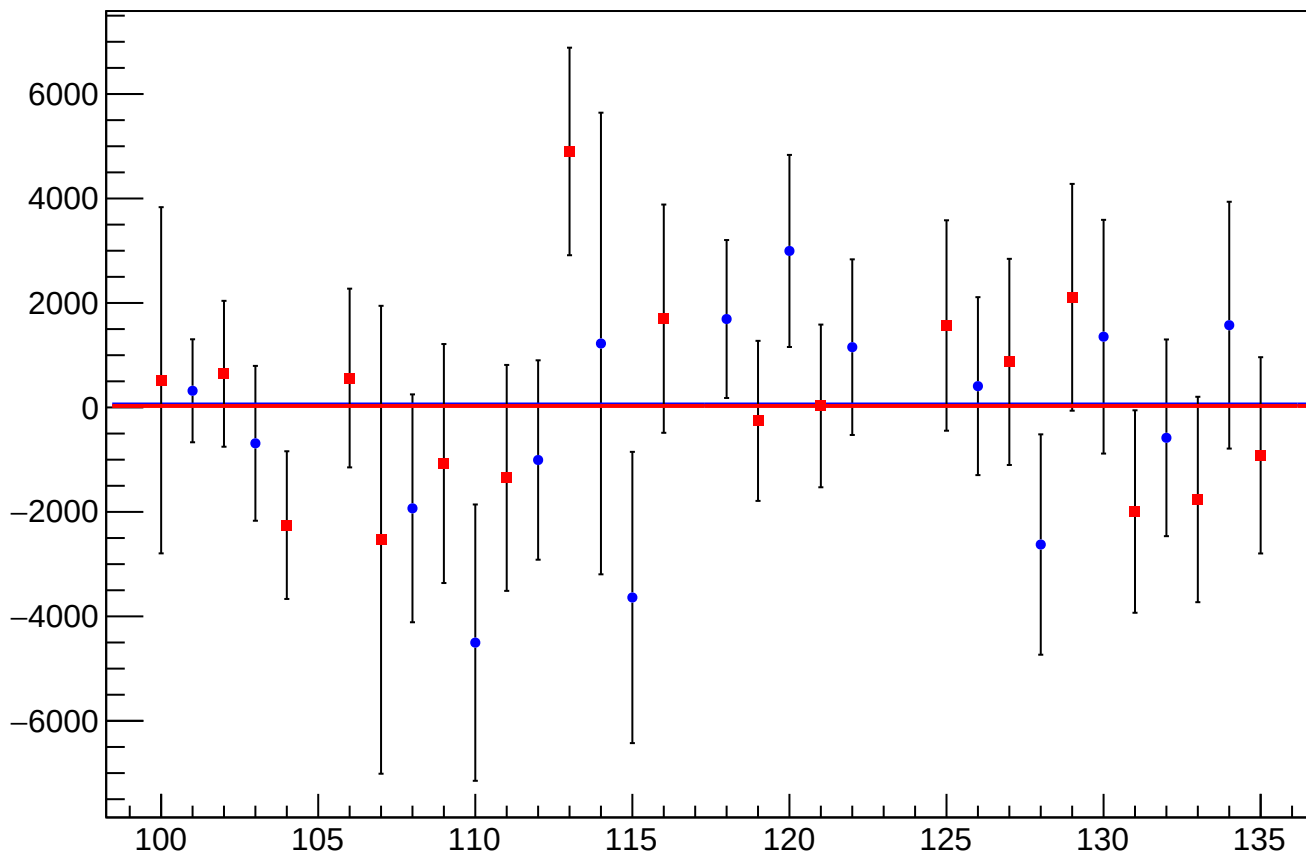
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.900+/-0.151 χ^2/NDF : 19777.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_mean vs Slug



Right In: 56.094+/-465.813 χ^2/NDF : 12.9/14

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

Right Out: 28.499+/-460.016 χ^2/NDF : 14.4/16

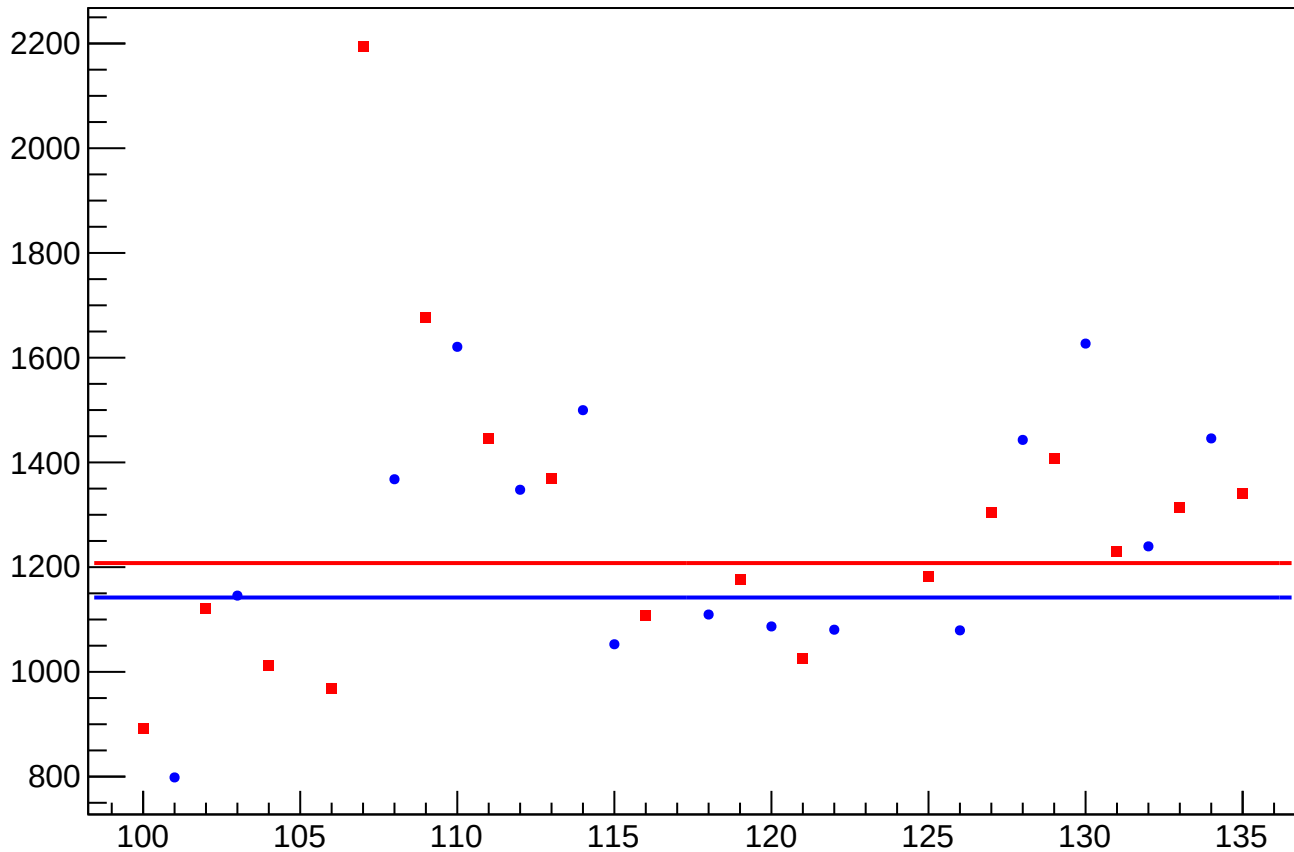
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.123+/-327.311 χ^2/NDF : 27.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_cor_correction_rms vs Slug



Right In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

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

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

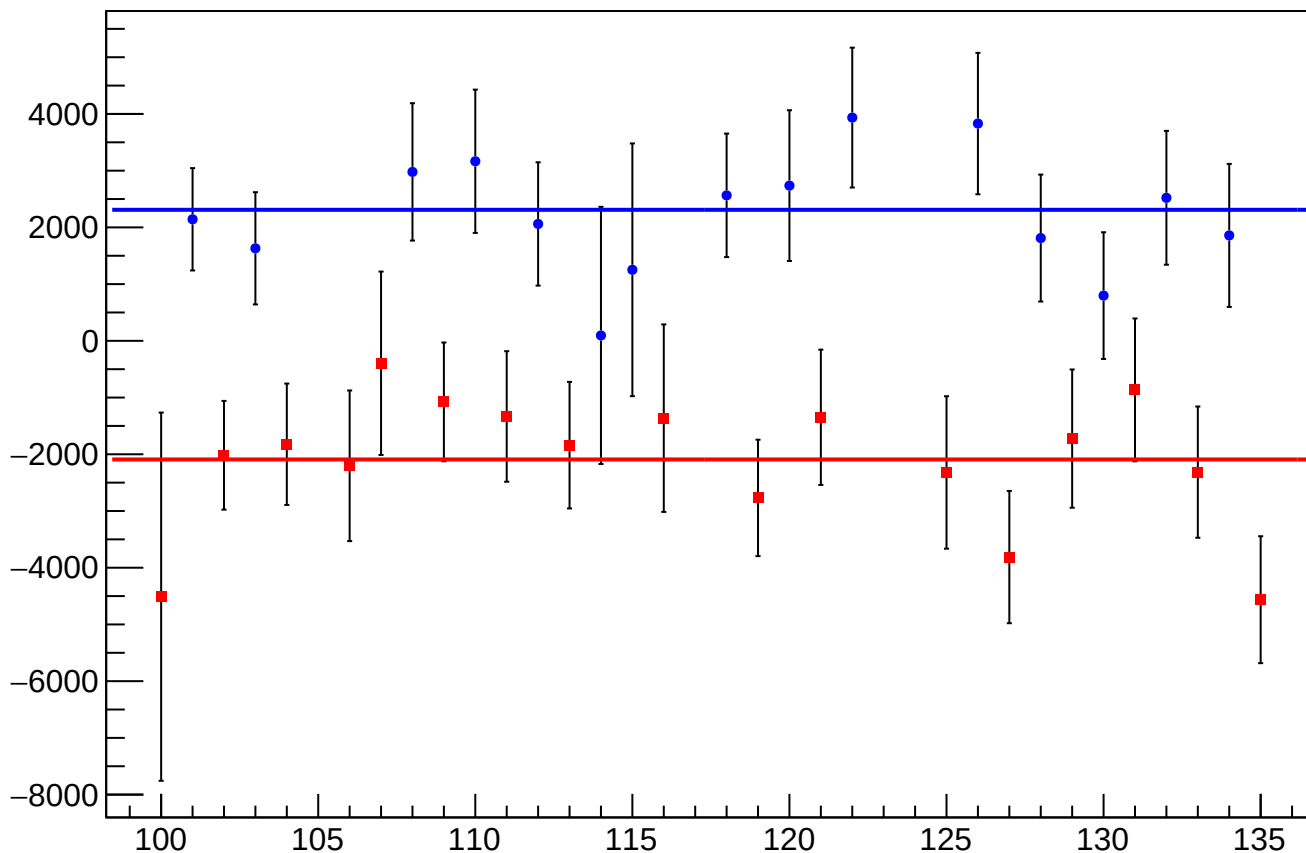
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1175.310+/-0.231 χ^2/NDF : 962265.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_avg_mean vs Slug



Right In: 2310.202+/-309.190 χ^2/NDF : 8.1/14

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

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

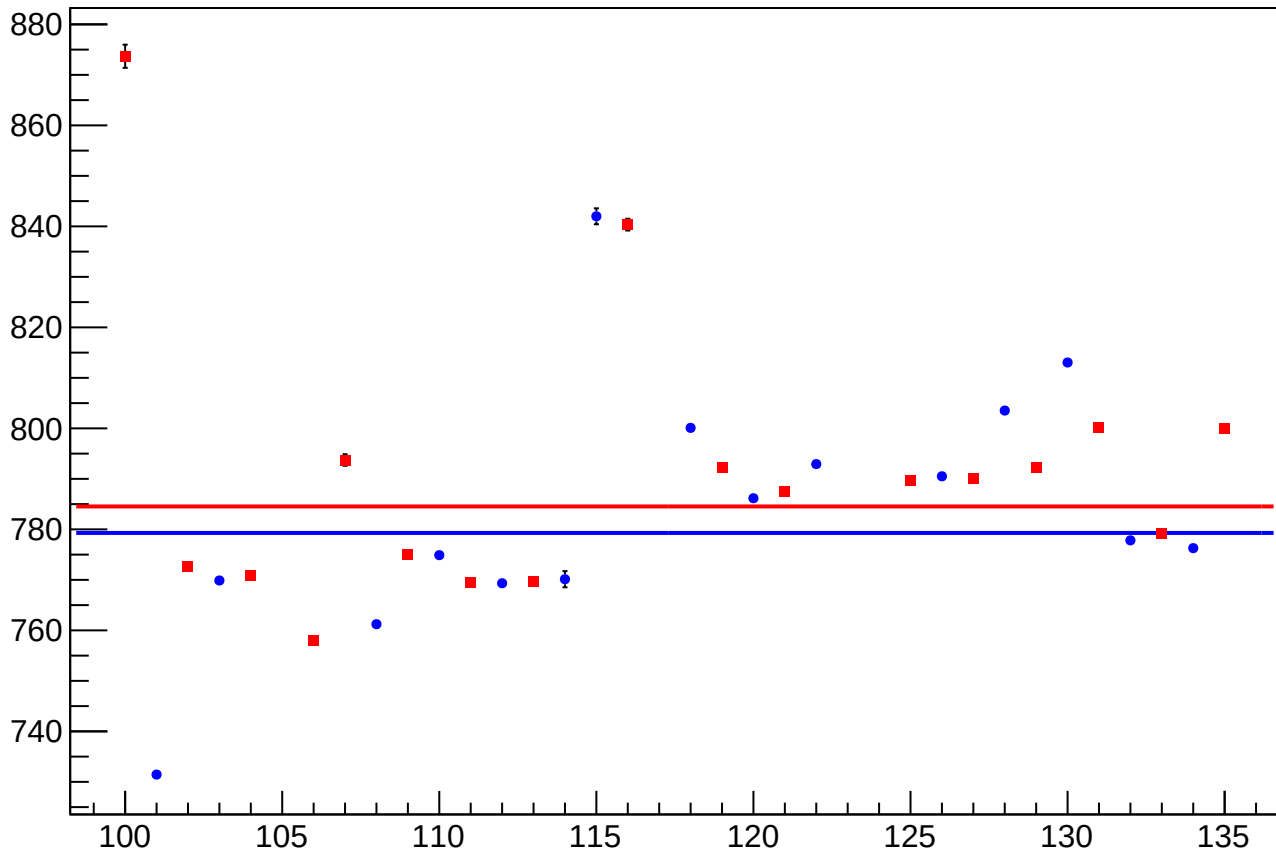
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.478+/-212.735 χ^2/NDF : 127.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_avg_rms vs Slug



Right In: 779.294+/-0.219 χ^2/NDF : 12031.6/14

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

Right Out: 784.538+/-0.207 χ^2/NDF : 7159.9/16

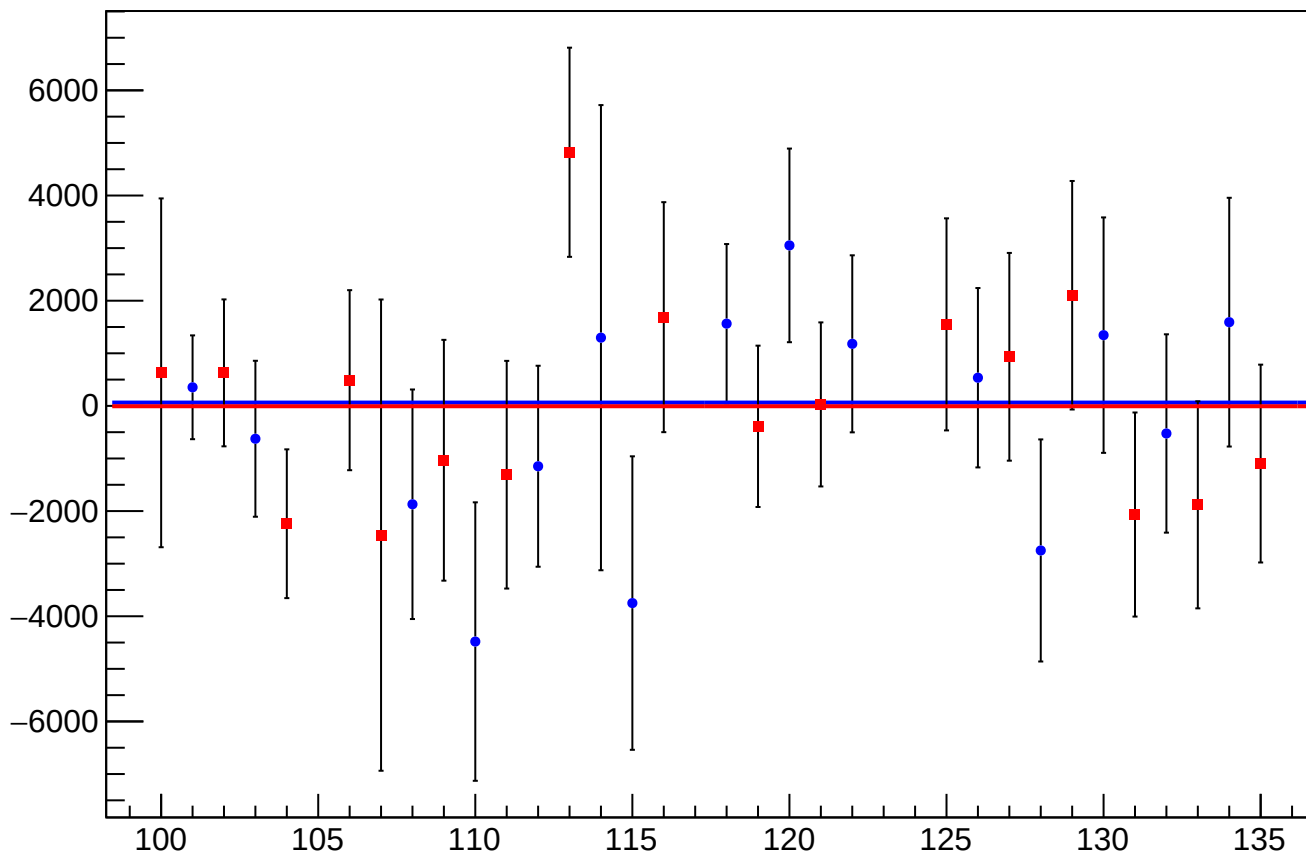
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 782.056+/-0.150 χ^2/NDF : 19494.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_mean vs Slug



Right In: 63.072+/-466.262 χ^2/NDF : 13.1/14

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

Right Out: -6.809+/-460.421 χ^2/NDF : 14.4/16

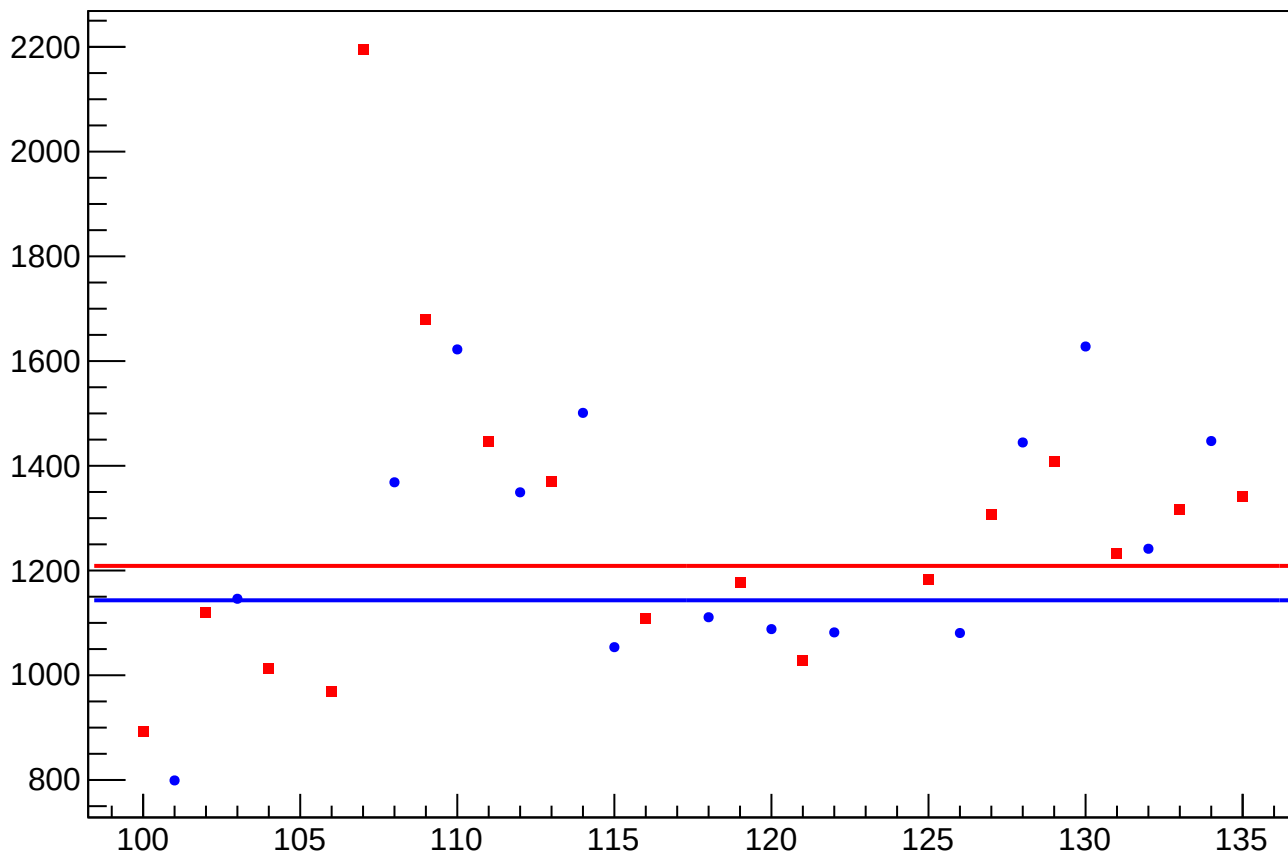
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.691+/-327.613 χ^2/NDF : 27.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_correction_rms vs Slug



Right In: 1143.148+/-0.330 χ^2/NDF : 549382.8/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

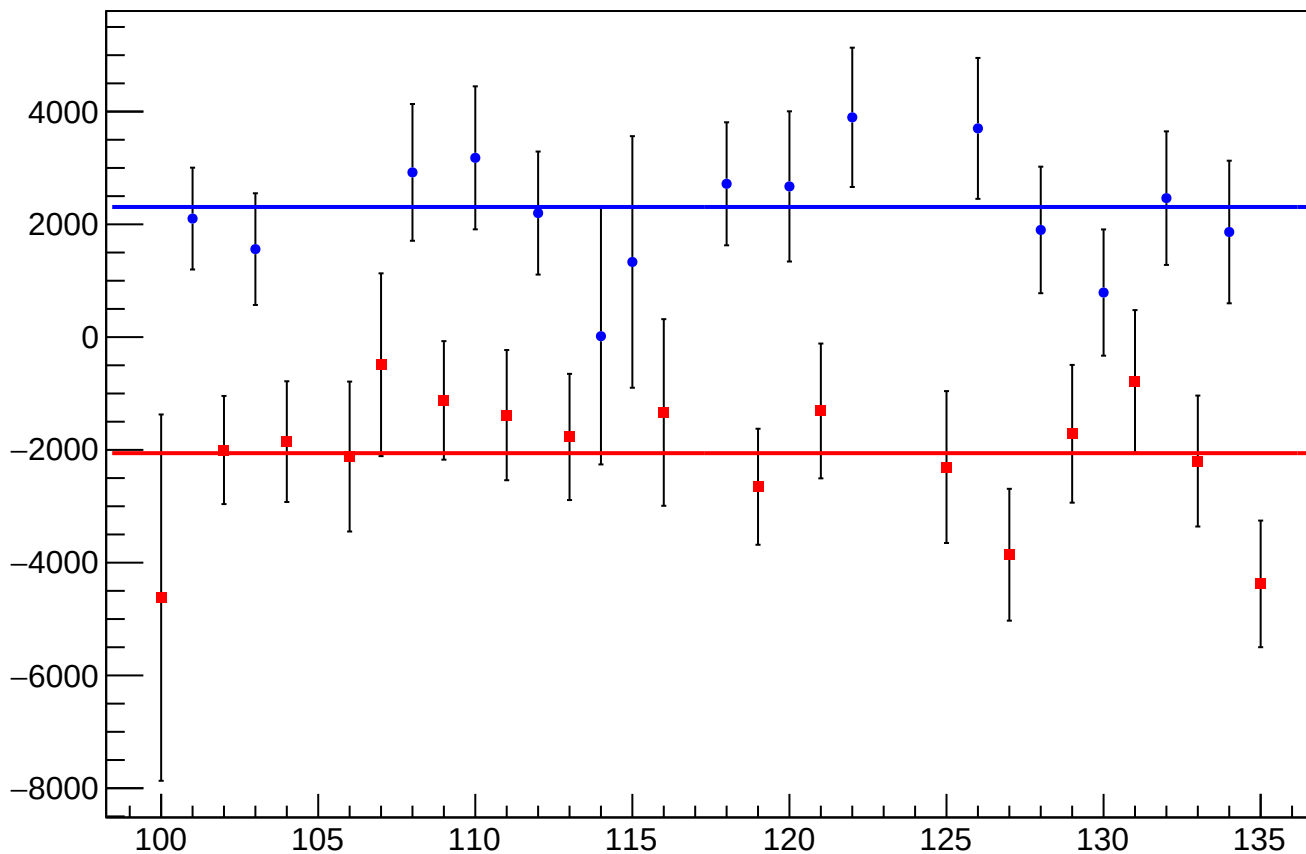
Right Out: 1208.840+/-0.326 χ^2/NDF : 392779.9/16

All: 1176.408+/-0.232 χ^2/NDF : 962263.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_us_avg_mean vs Slug



Right In: 2307.917 $\pm$ 309.910 χ^2 /NDF: 7.8/14

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

Right Out: -2058.121 $\pm$ 293.858 χ^2 /NDF: 11.5/16

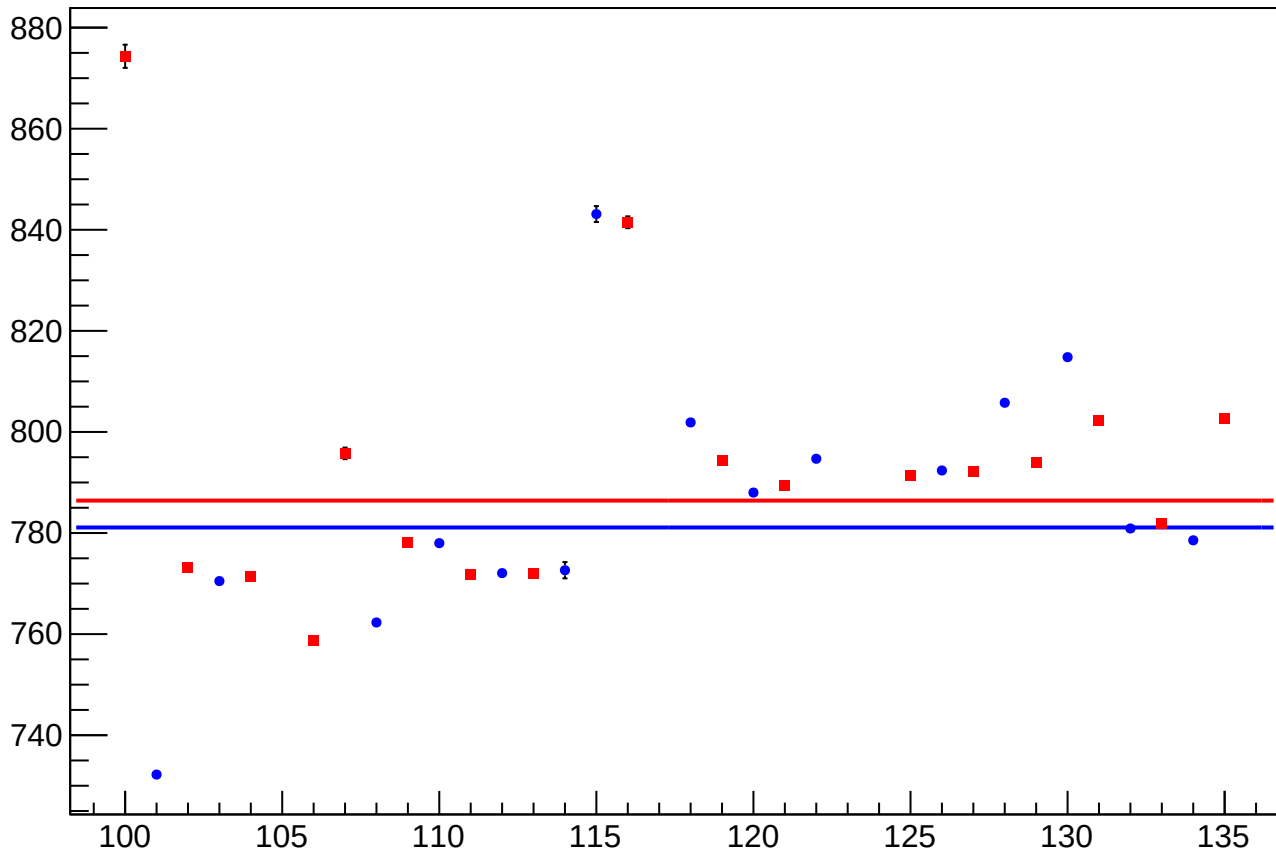
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 8.904 $\pm$ 213.238 χ^2 /NDF: 123.8/31

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

eigen_cor_asym_us_avg_rms vs Slug



Right In: 781.100+/-0.219 χ^2/NDF : 12266.5/14

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

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

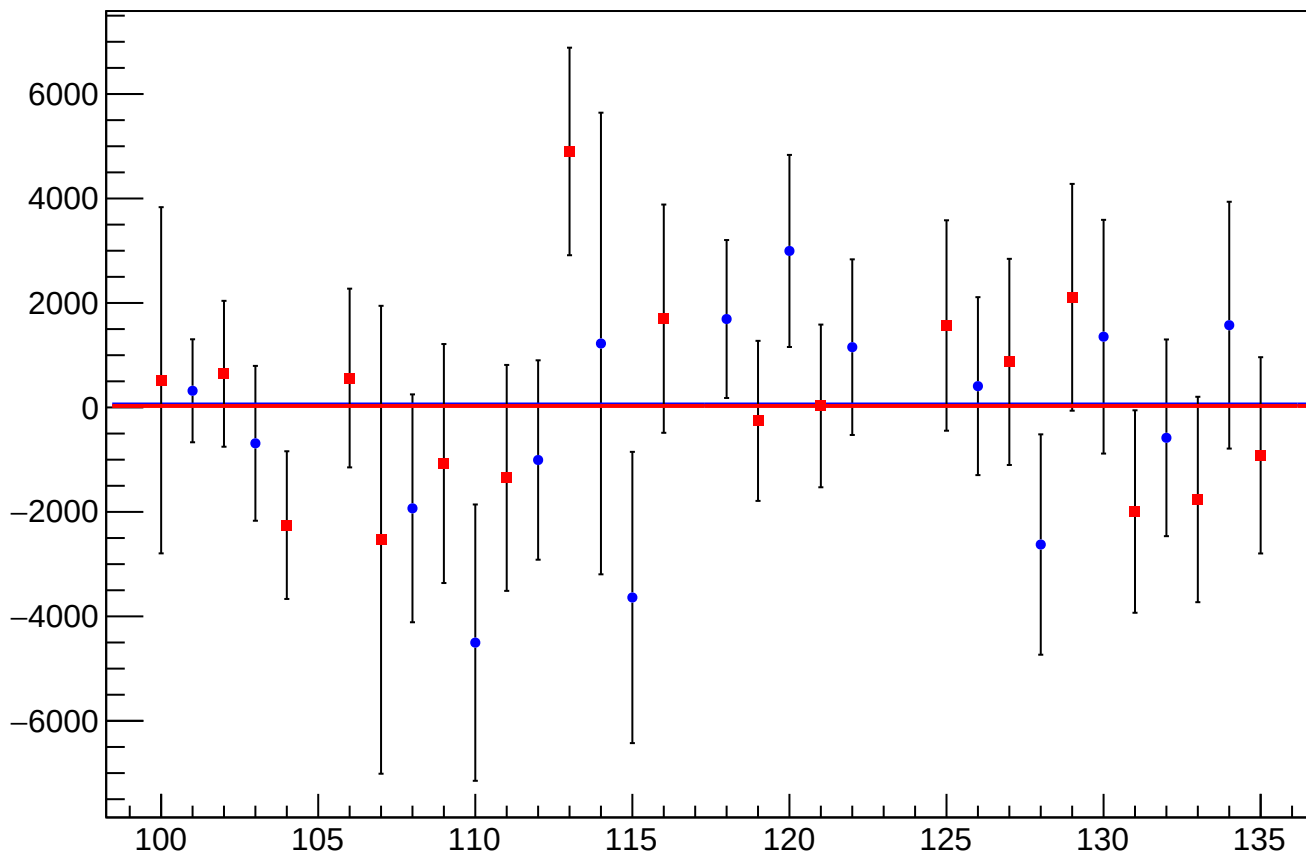
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 783.900+/-0.151 χ^2/NDF : 19777.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_correction_mean vs Slug



Right In: 56.094 $\pm$ 465.813 χ^2 /NDF: 12.9/14

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

Right Out: 28.499 $\pm$ 460.016 χ^2 /NDF: 14.4/16

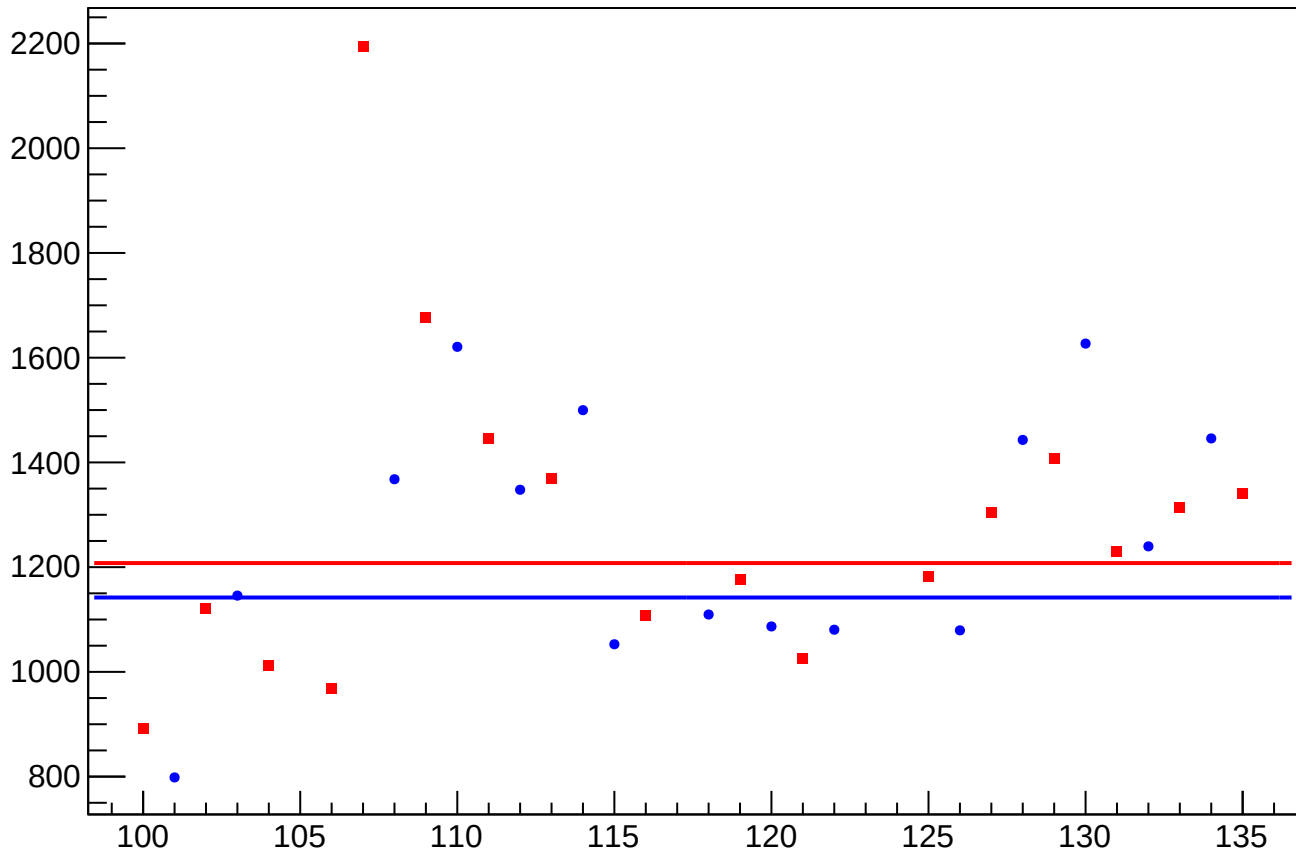
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 42.123 $\pm$ 327.311 χ^2 /NDF: 27.3/31

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

asym_us_avg_eigen_cor_correction_rms vs Slug



Right In: 1142.024+/-0.329 χ^2/NDF : 549497.6/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

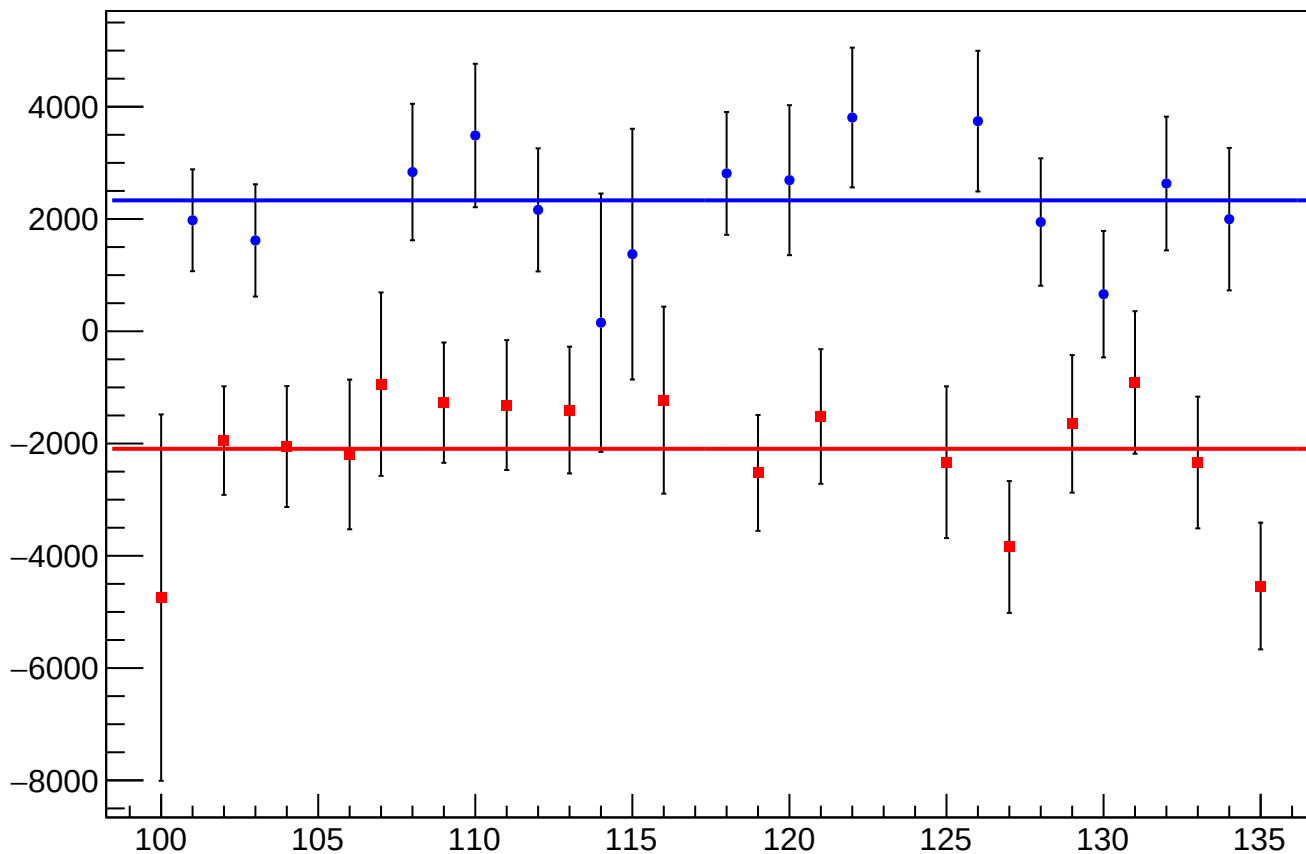
Right Out: 1207.772+/-0.325 χ^2/NDF : 392595.2/16

All: 1175.310+/-0.231 χ^2/NDF : 962265.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_us_avg_mean vs Slug



Right In: 2332.196 $\pm$ 311.685 χ^2 /NDF: 8.1/14

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

Right Out: -2093.795 $\pm$ 295.827 χ^2 /NDF: 11.3/16

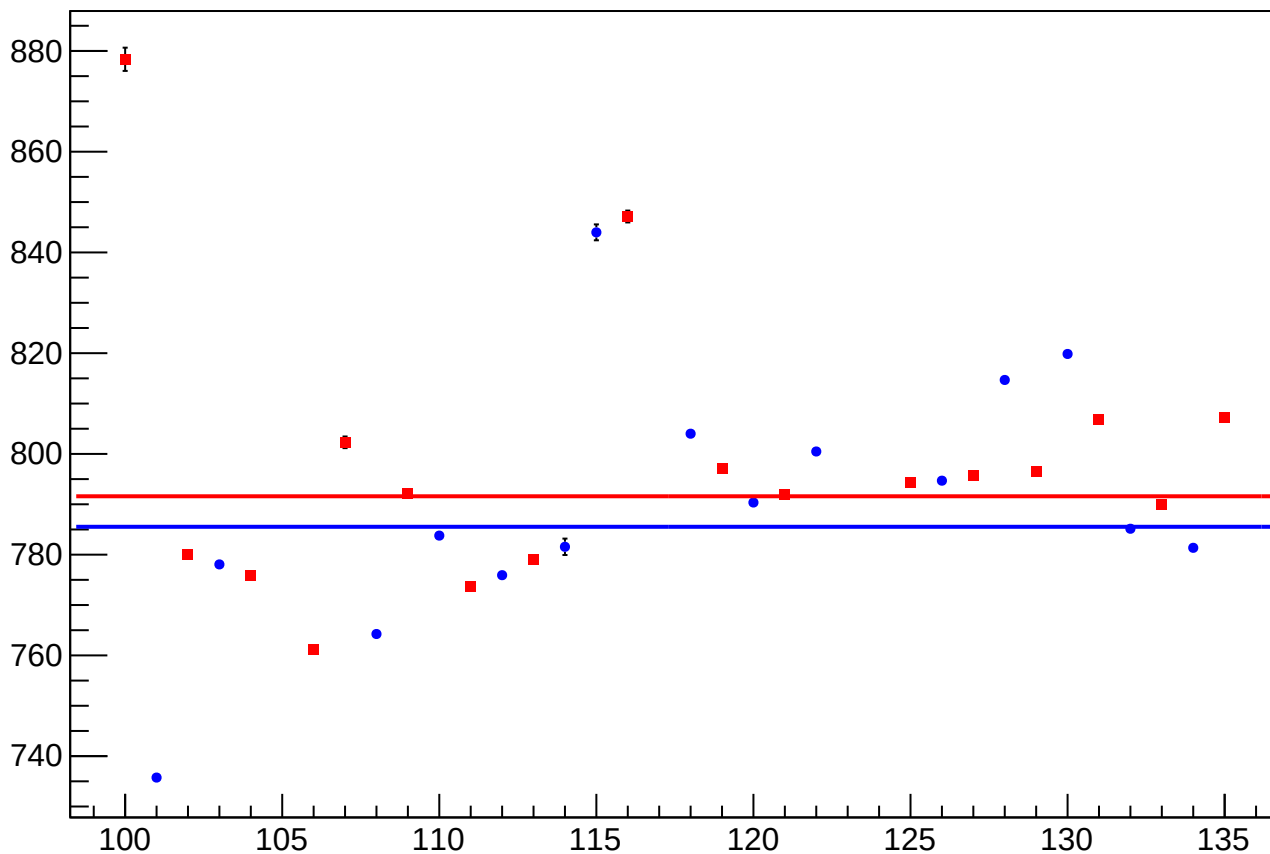
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 3.745 $\pm$ 214.569 χ^2 /NDF: 125.5/31

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

dit_asym_us_avg_rms vs Slug



Right In: 785.534+/-0.220 χ^2/NDF : 12469.0/14

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

Right Out: 791.591+/-0.209 χ^2/NDF : 6992.1/16

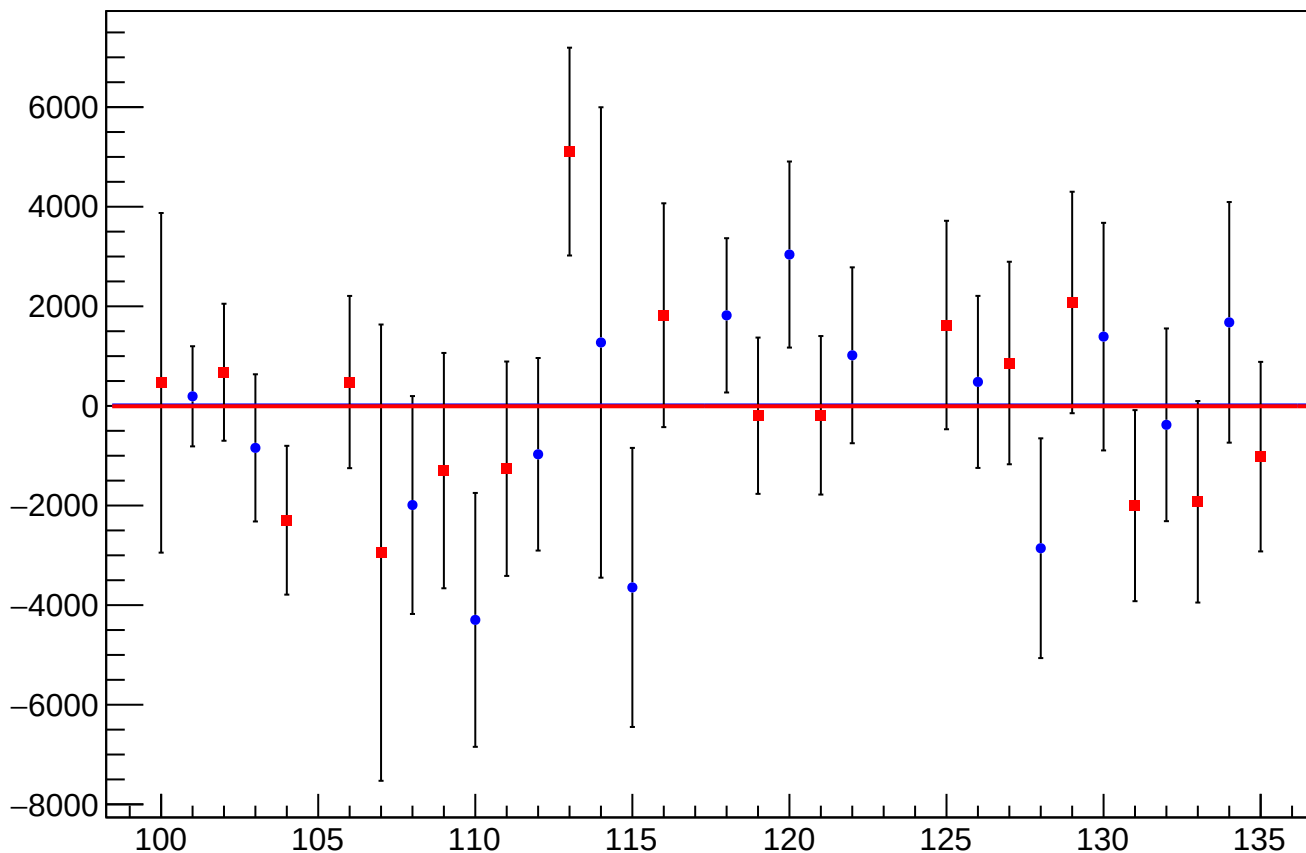
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.720+/-0.152 χ^2/NDF : 19858.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_mean vs Slug



Right In: 9.886+/-474.361 χ^2/NDF : 13.1/14

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

Right Out: -7.087+/-469.703 χ^2/NDF : 14.4/16

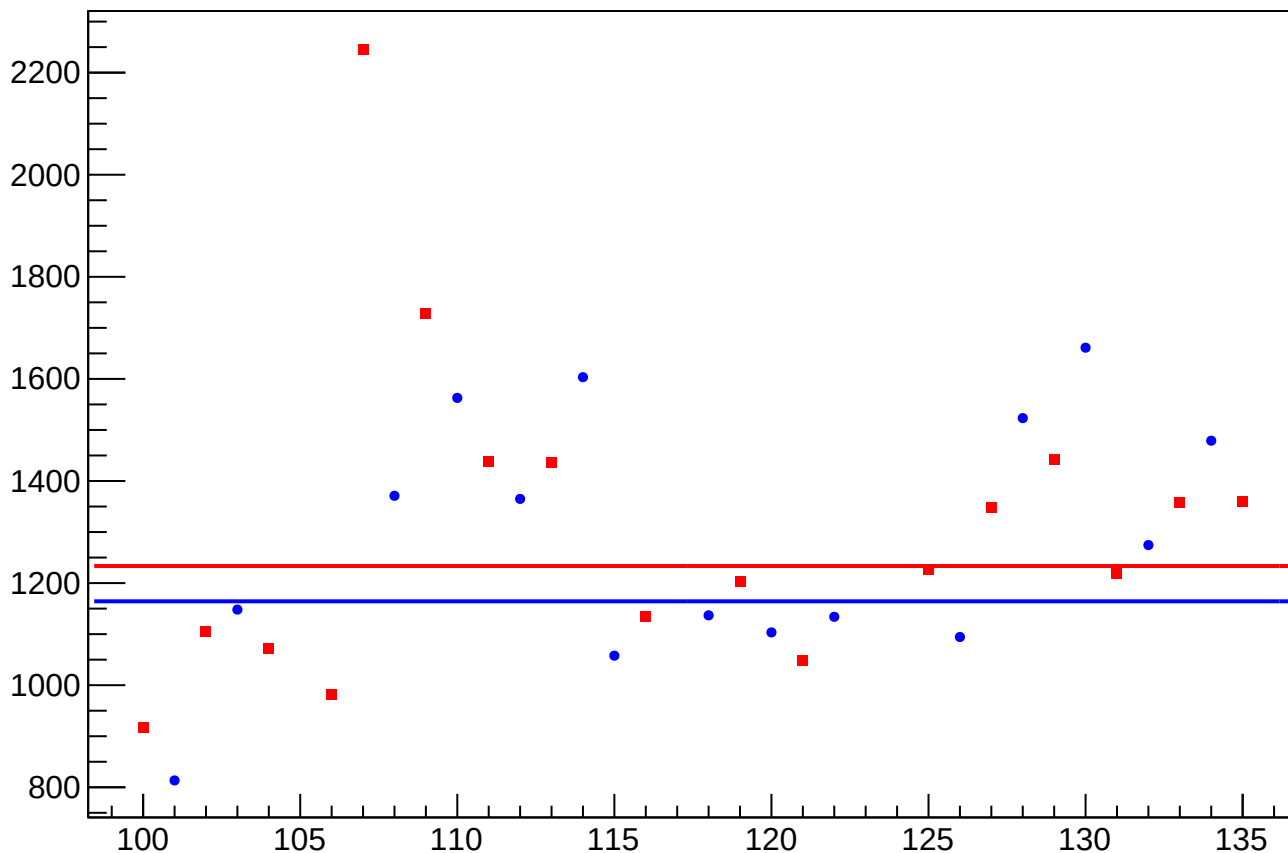
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.315+/-333.765 χ^2/NDF : 27.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_correction_rms vs Slug



Right In: 1164.301+/-0.335 χ^2/NDF : 546796.0/14

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

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

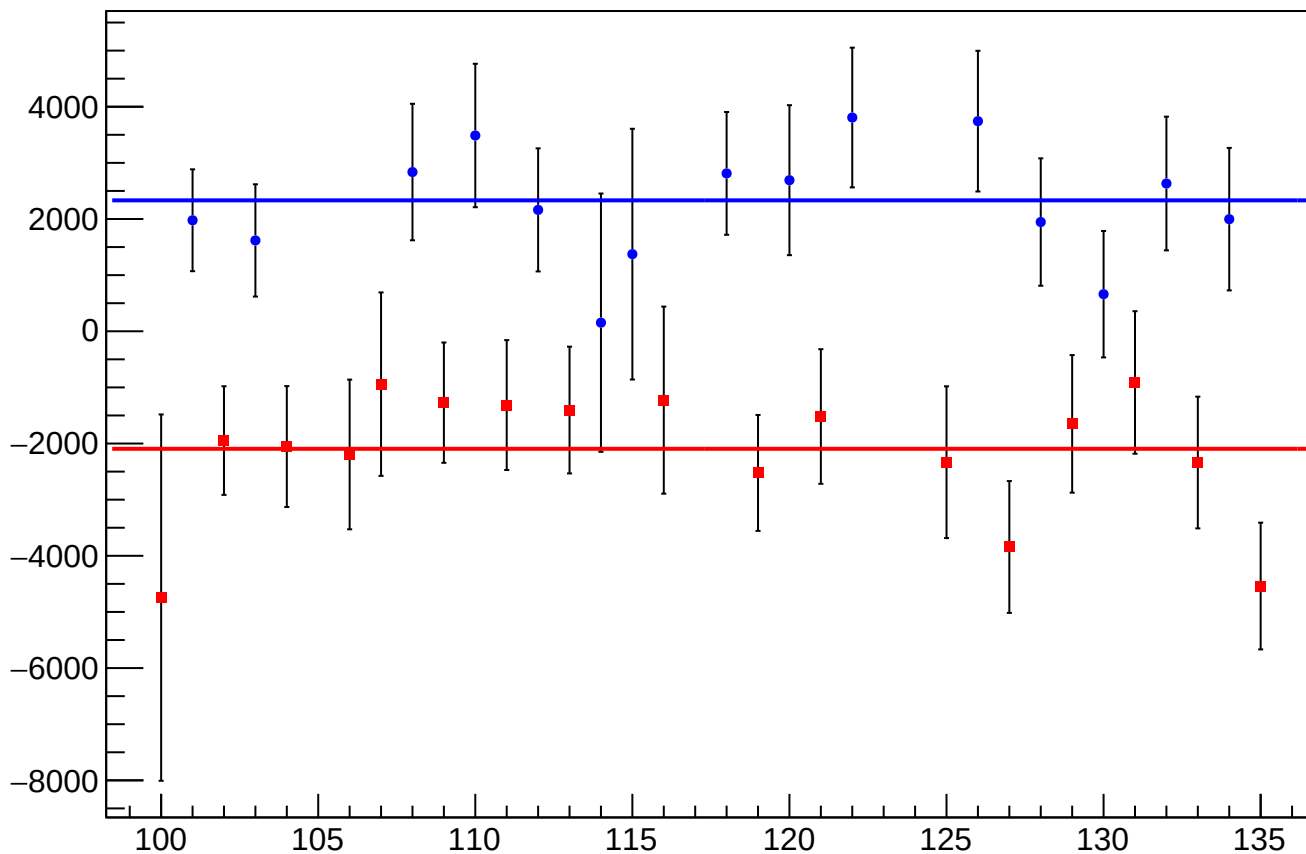
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.255+/-0.236 χ^2/NDF : 963001.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_mean vs Slug



Right In: 2332.197 $\pm$ 311.685 χ^2 /NDF: 8.1/14

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

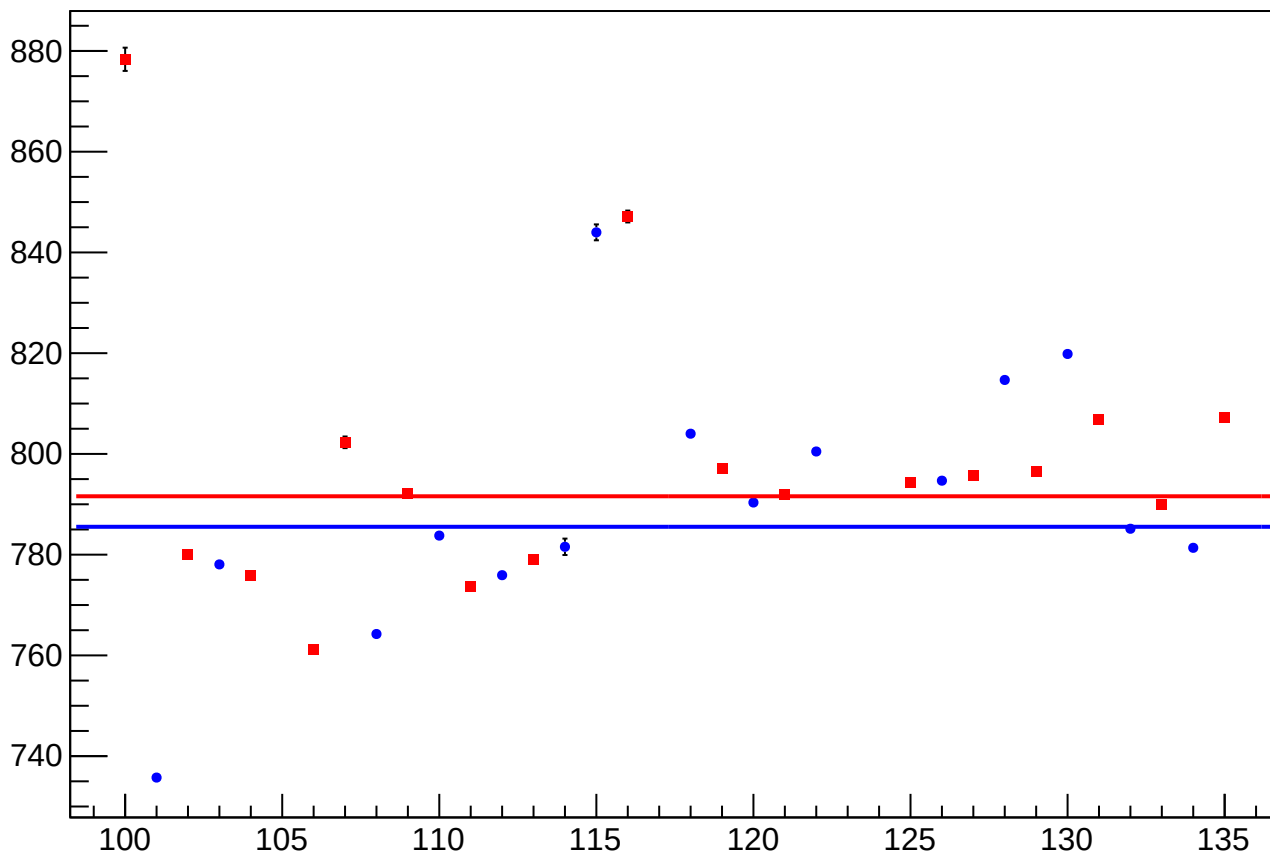
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 3.746 $\pm$ 214.569 χ^2 /NDF: 125.5/31

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

eigen_dit_asym_us_avg_rms vs Slug



Right In: 785.534+/-0.220 χ^2/NDF : 12468.9/14

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

Right Out: 791.591+/-0.209 χ^2/NDF : 6992.1/16

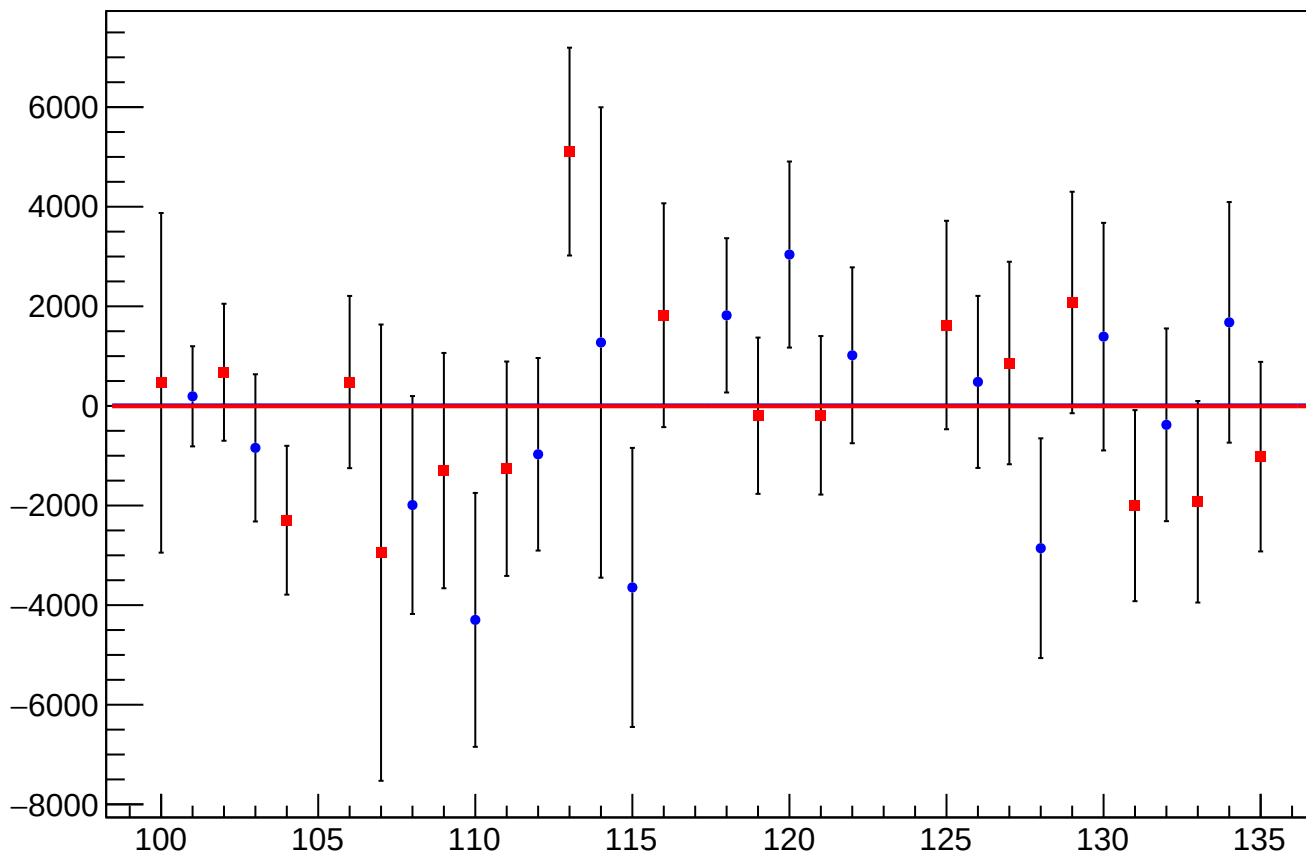
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 788.720+/-0.152 χ^2/NDF : 19858.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_mean vs Slug



Right In: 9.886+/-474.360 χ^2/NDF : 13.1/14

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

Right Out: -7.087+/-469.702 χ^2/NDF : 14.4/16

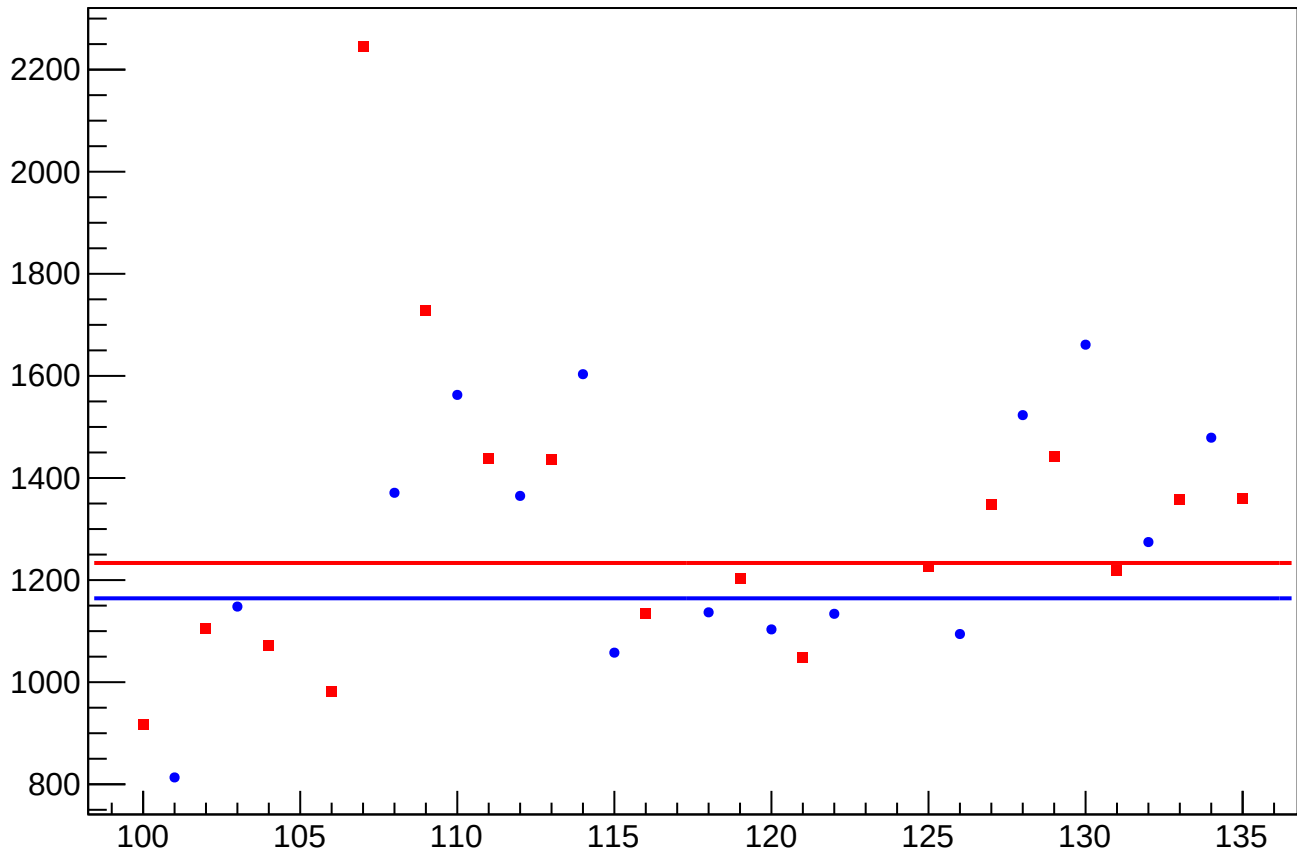
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.316+/-333.764 χ^2/NDF : 27.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_correction_rms vs Slug



Right In: 1164.297+/-0.335 χ^2/NDF : 546792.4/14

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

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

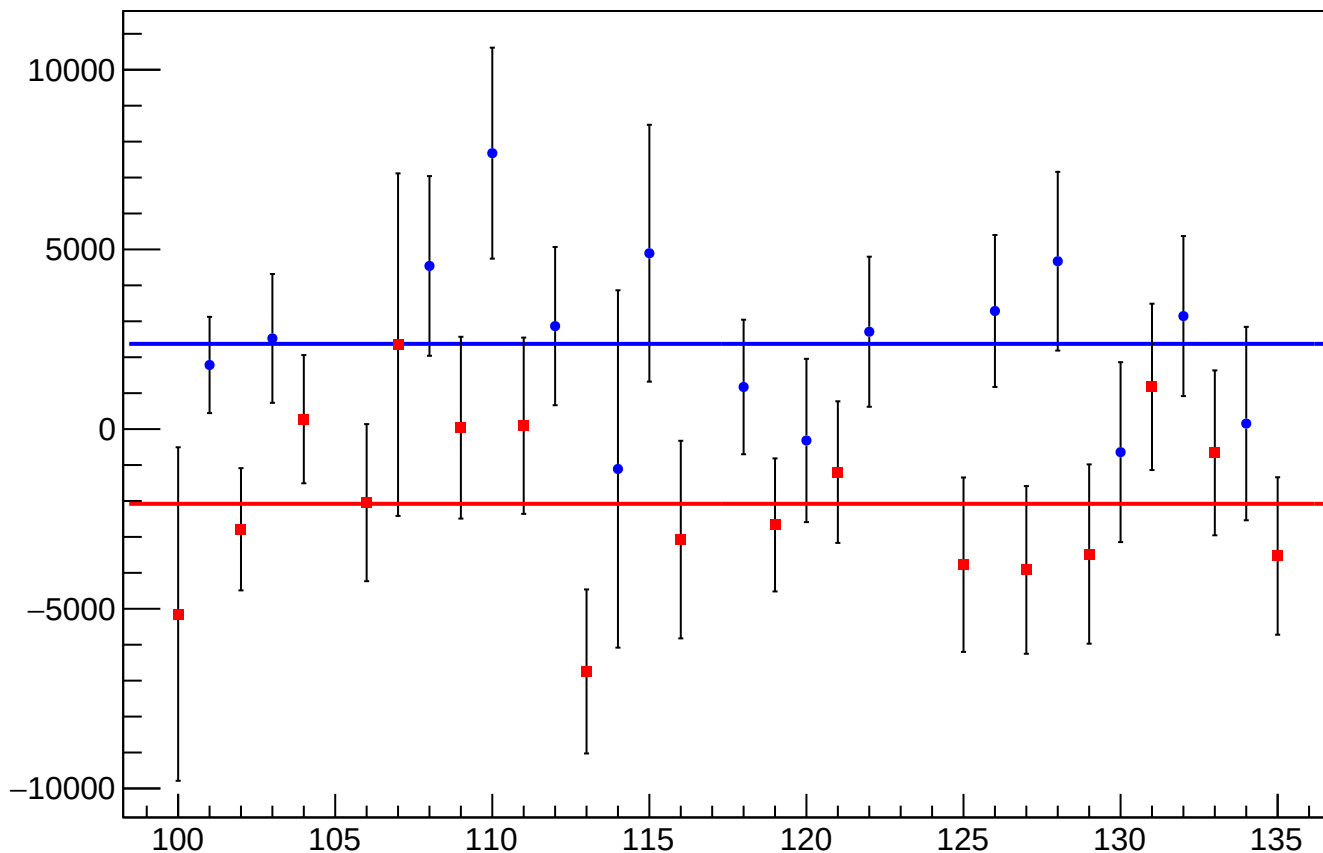
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1199.252+/-0.236 χ^2/NDF : 962996.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_mean vs Slug



Right In: 2372.145 $\pm$ 571.382 χ^2 /NDF: 10.4/14

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

Right Out: -2079.058 $\pm$ 554.293 χ^2 /NDF: 13.5/16

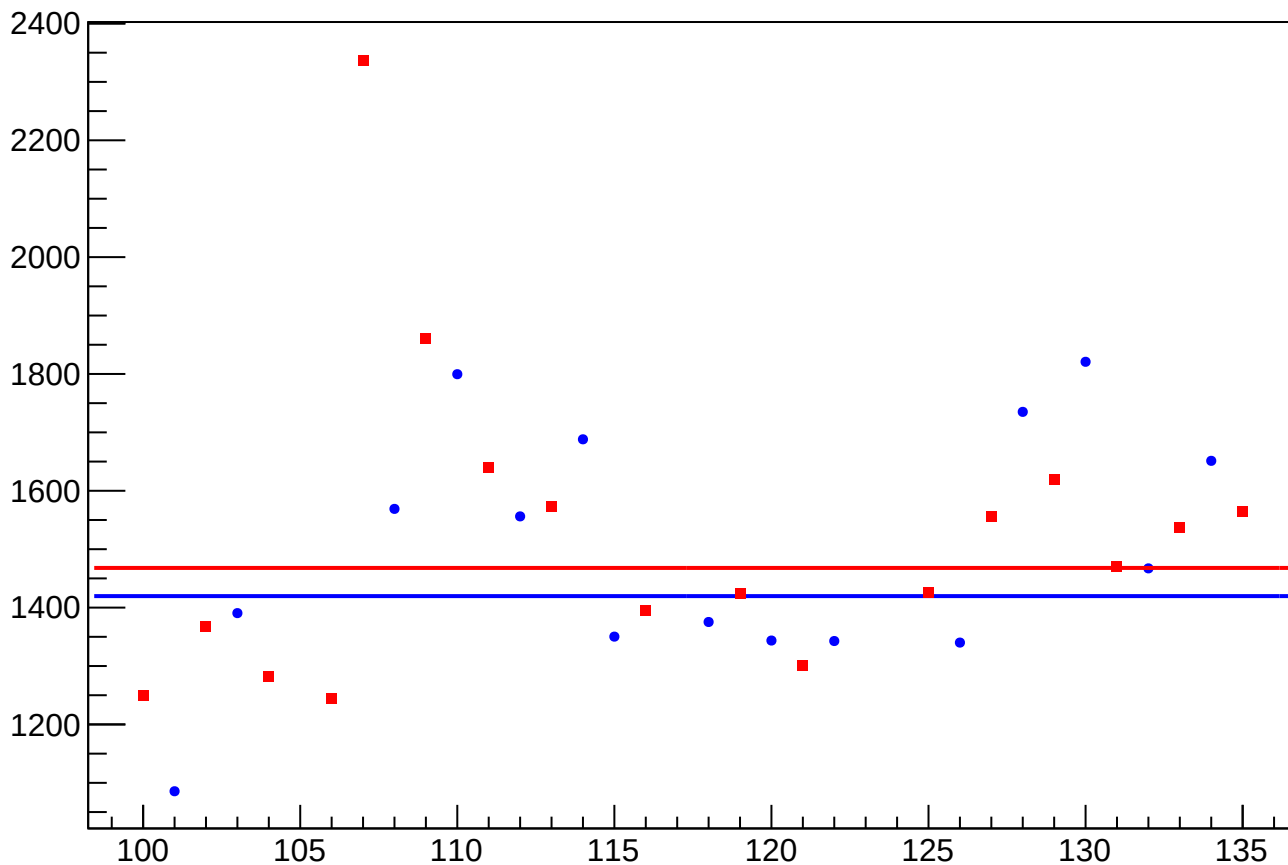
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 78.986 $\pm$ 397.849 χ^2 /NDF: 55.2/31

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

asym_us_avg_rms vs Slug



Right In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

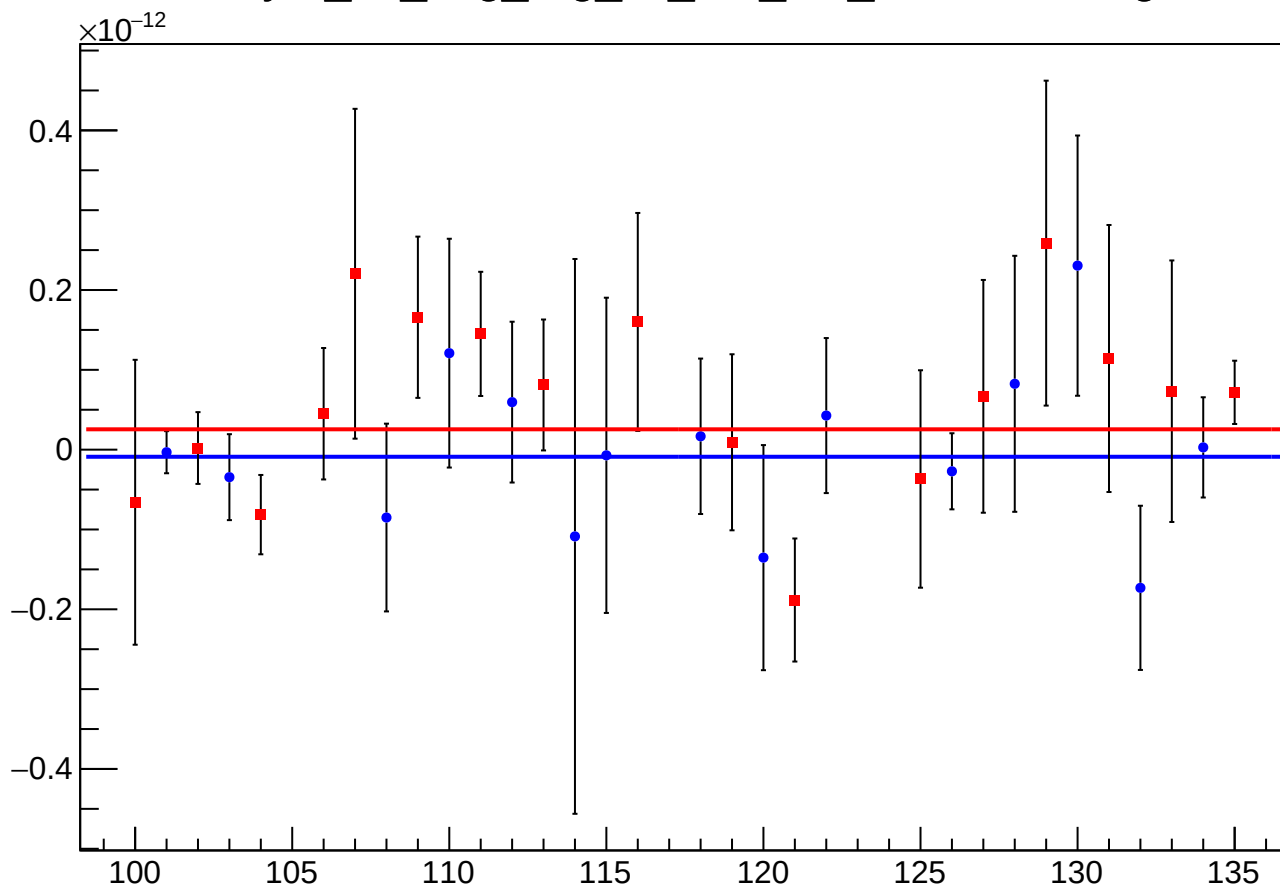
Right Out: 1467.931+/-0.392 χ^2/NDF : 216218.3/16

All: 1444.542+/-0.281 χ^2/NDF : 511583.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 8.4/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 22.9/16

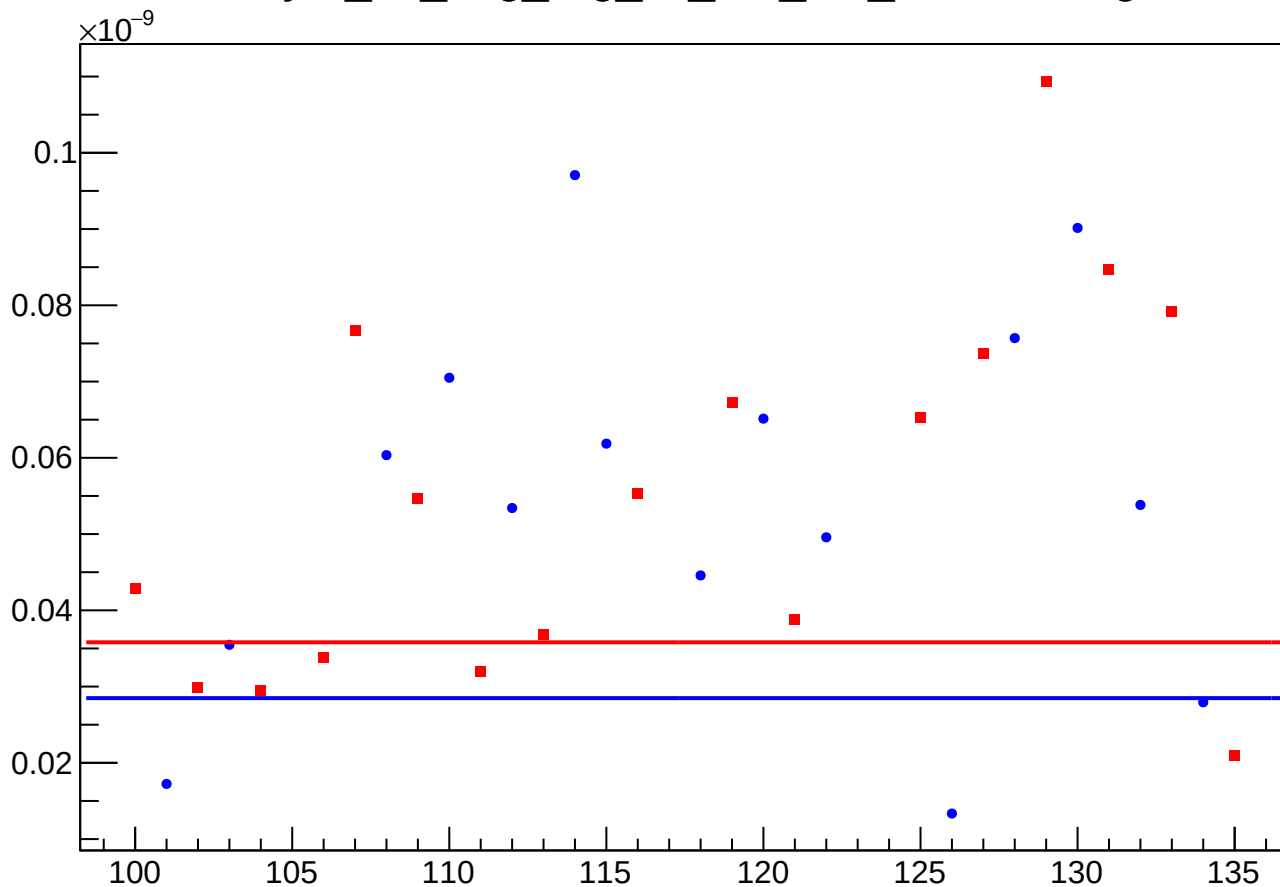
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 33.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2040636.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 1510531.4/16

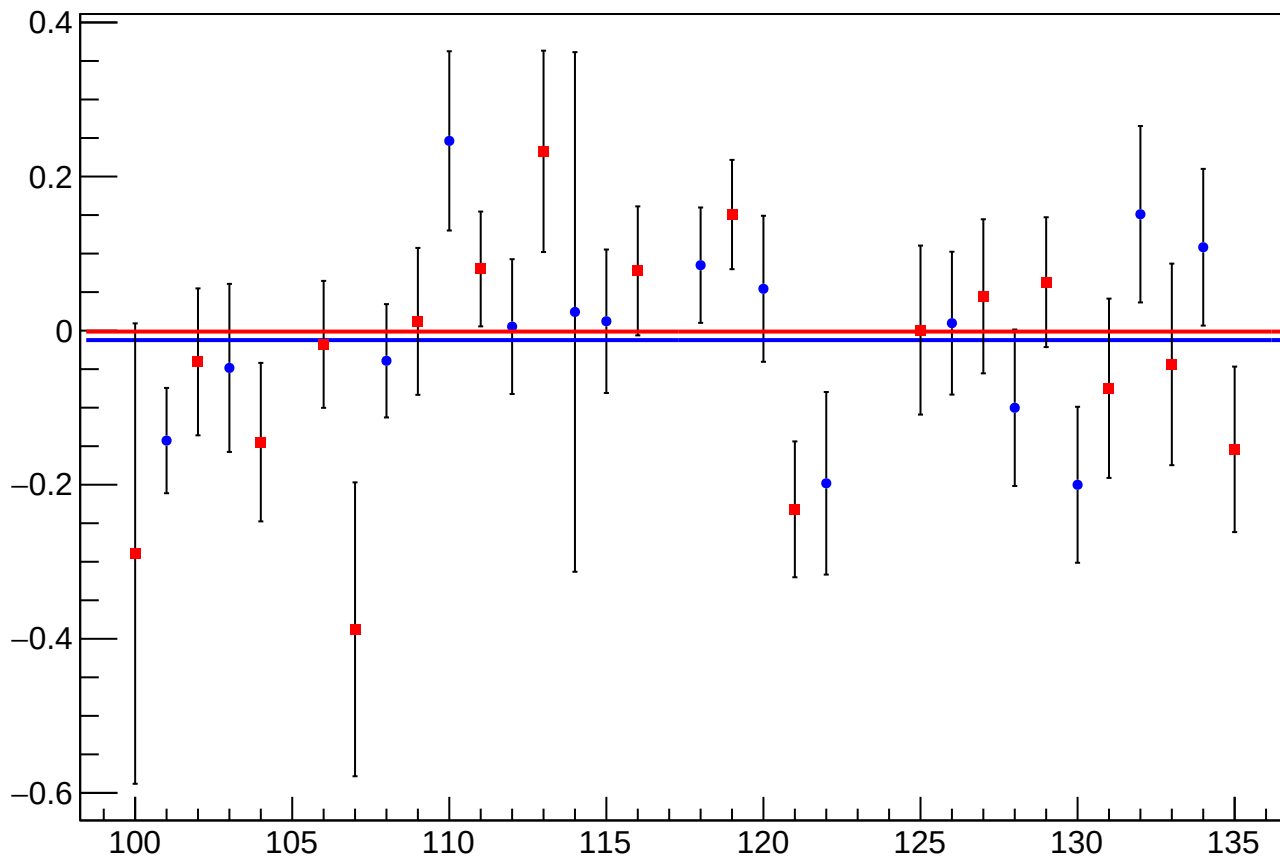
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3705783.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.025 χ^2 /NDF: 21.3/14

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

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 27.2/16

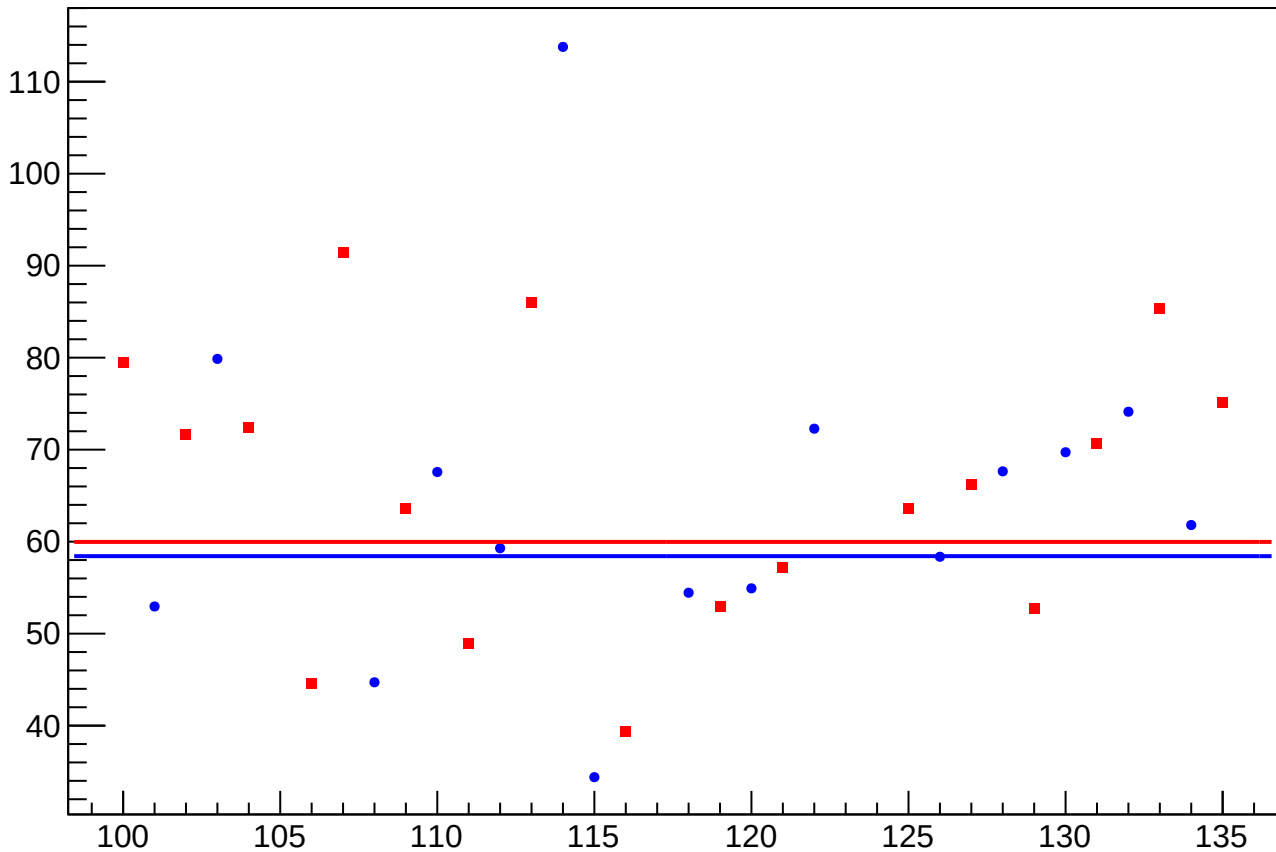
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.007 $\pm$ 0.017 χ^2 /NDF: 48.6/31

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

asym_us_avg_dit_vs_cor_diff_rms vs Slug



Right In: 58.423+/-0.017 χ^2/NDF : 476204.9/14

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

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

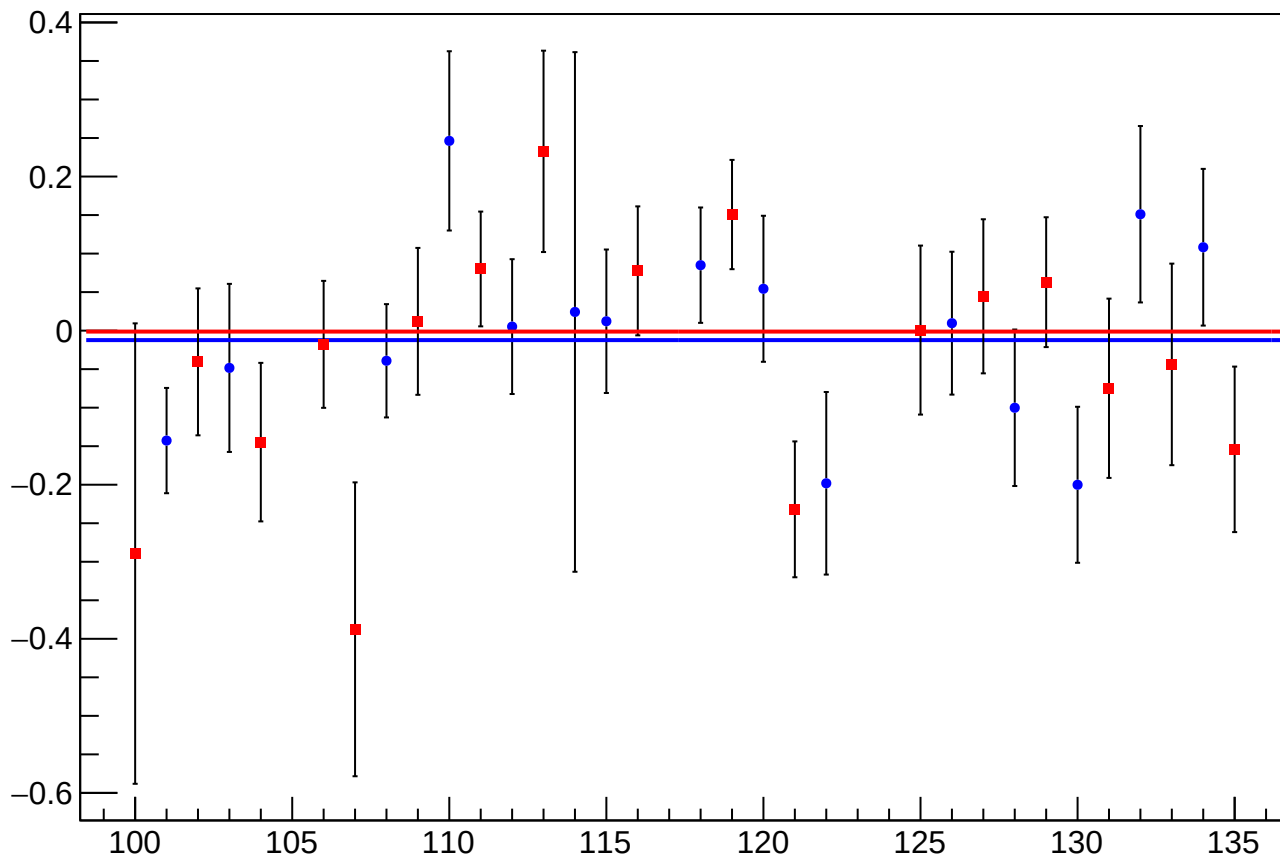
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.219+/-0.012 χ^2/NDF : 1097544.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.025 χ^2 /NDF: 21.3/14

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

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 27.2/16

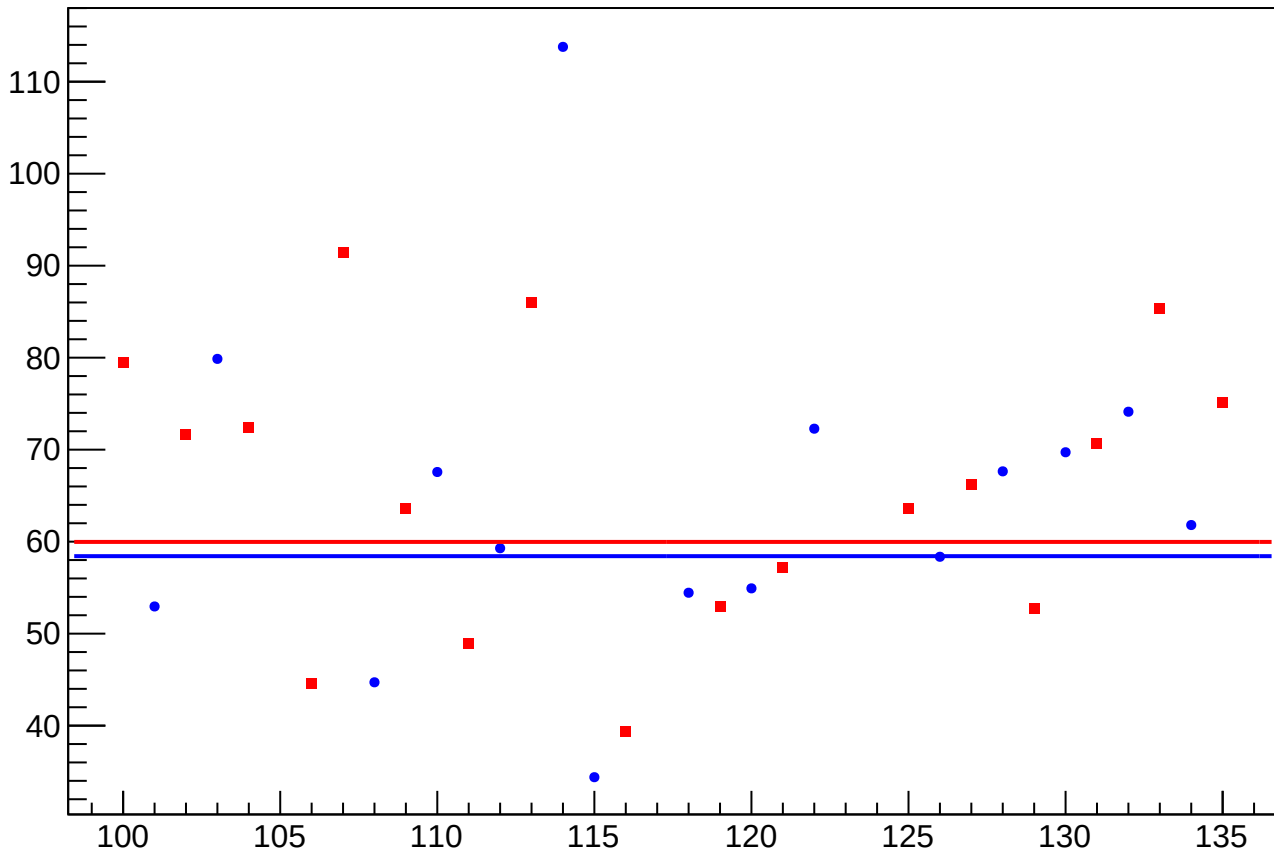
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.007 $\pm$ 0.017 χ^2 /NDF: 48.6/31

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

asym_us_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.423+/-0.017 χ^2/NDF : 476204.9/14

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

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

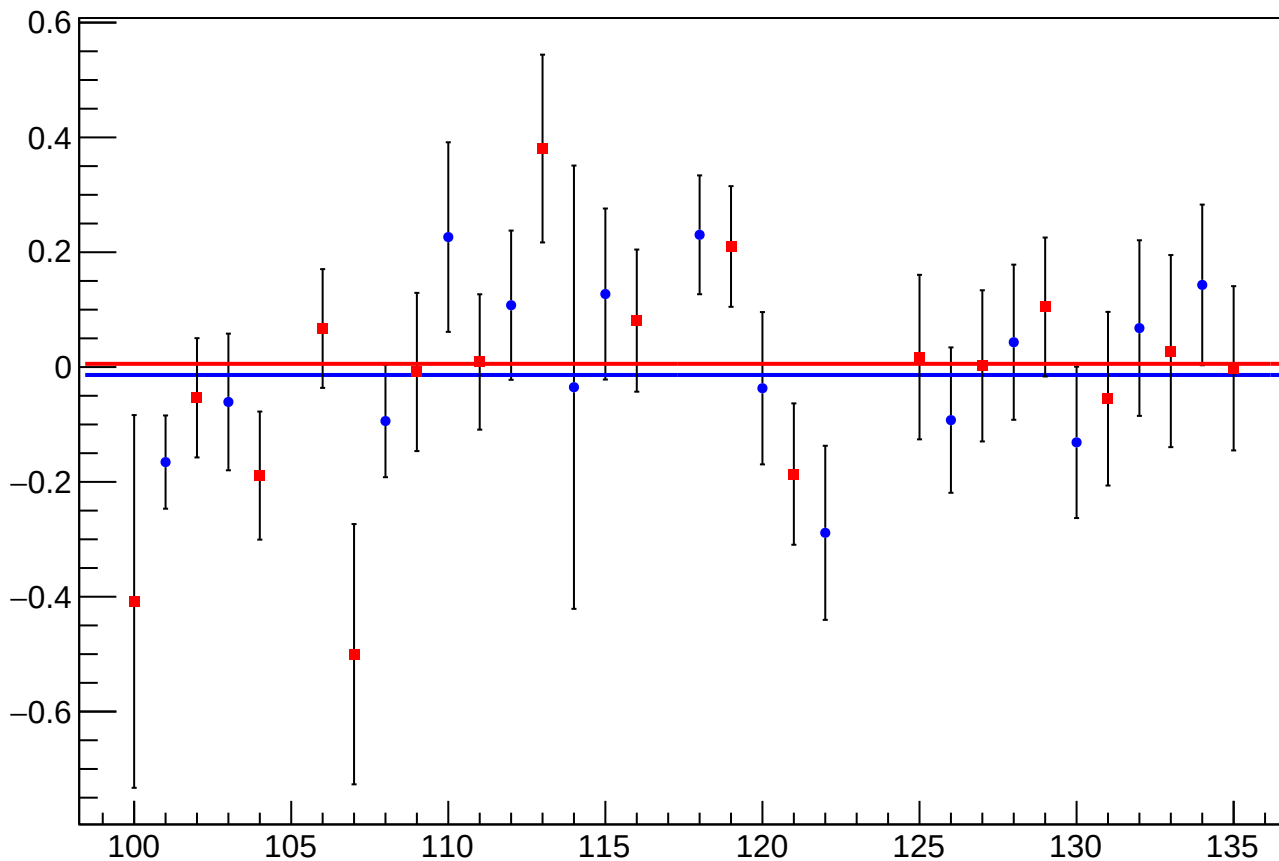
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.219+/-0.012 χ^2/NDF : 1097544.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.014 ± 0.033 χ^2/NDF : 20.0/14

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

Right Out: 0.006 ± 0.032 χ^2/NDF : 23.0/16

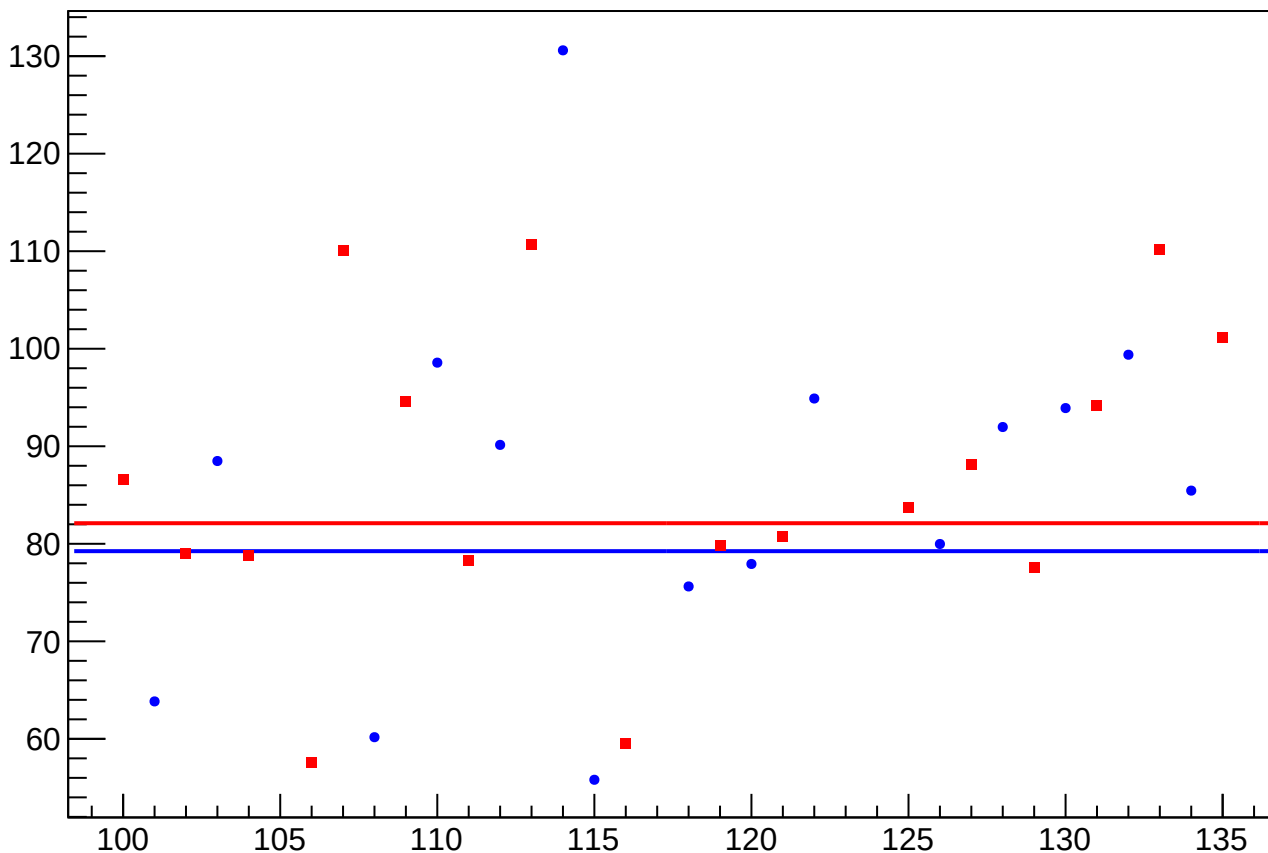
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.023 χ^2/NDF : 43.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_dit_vs_overload_cor_diff_rms vs Slug



Right In: 79.245+/-0.023 χ^2/NDF : 391640.3/14

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

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

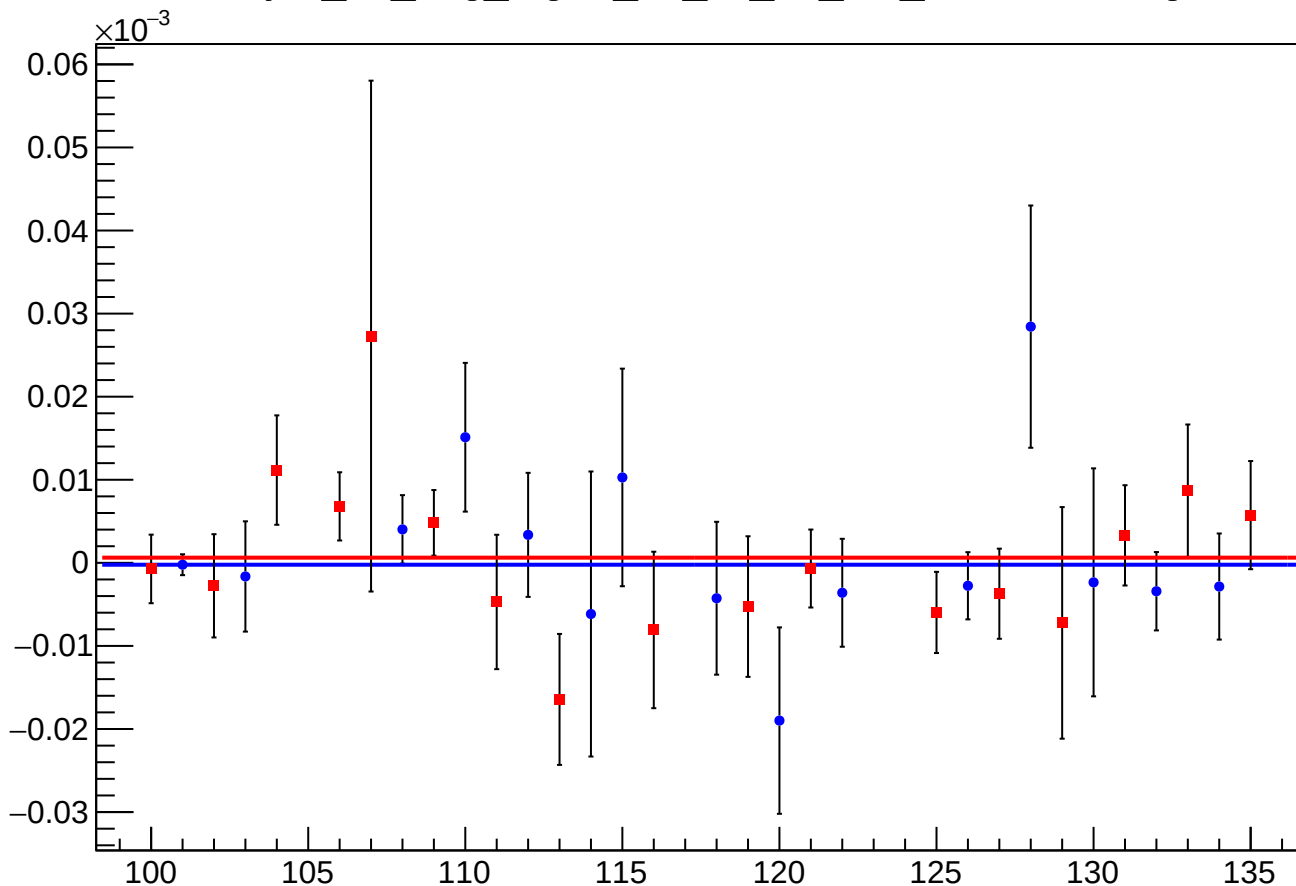
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.712+/-0.016 χ^2/NDF : 805295.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 13.2/14

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 18.3/16

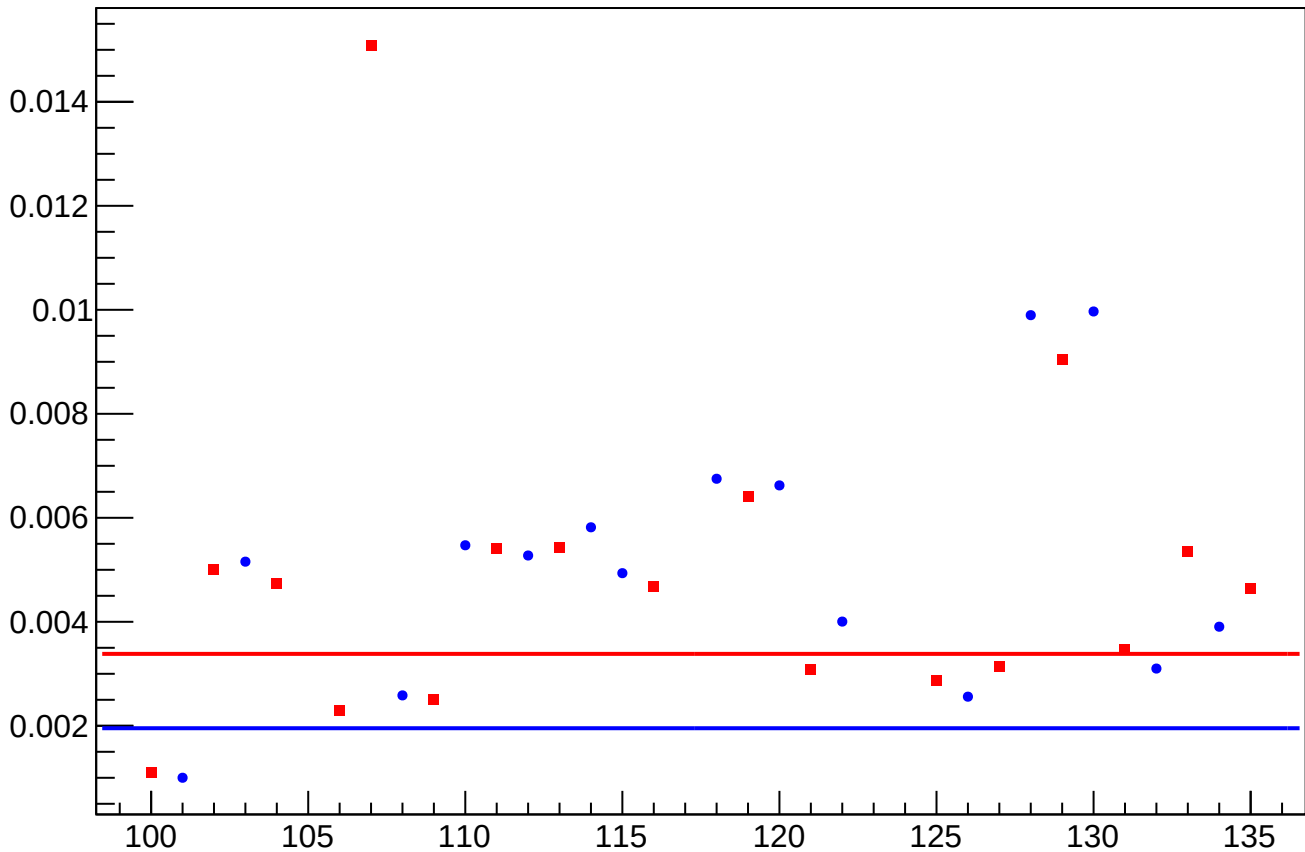
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 31.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 5287172.6/14

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

Right Out: 0.003+/-0.000 χ^2/NDF : 2471037.7/16

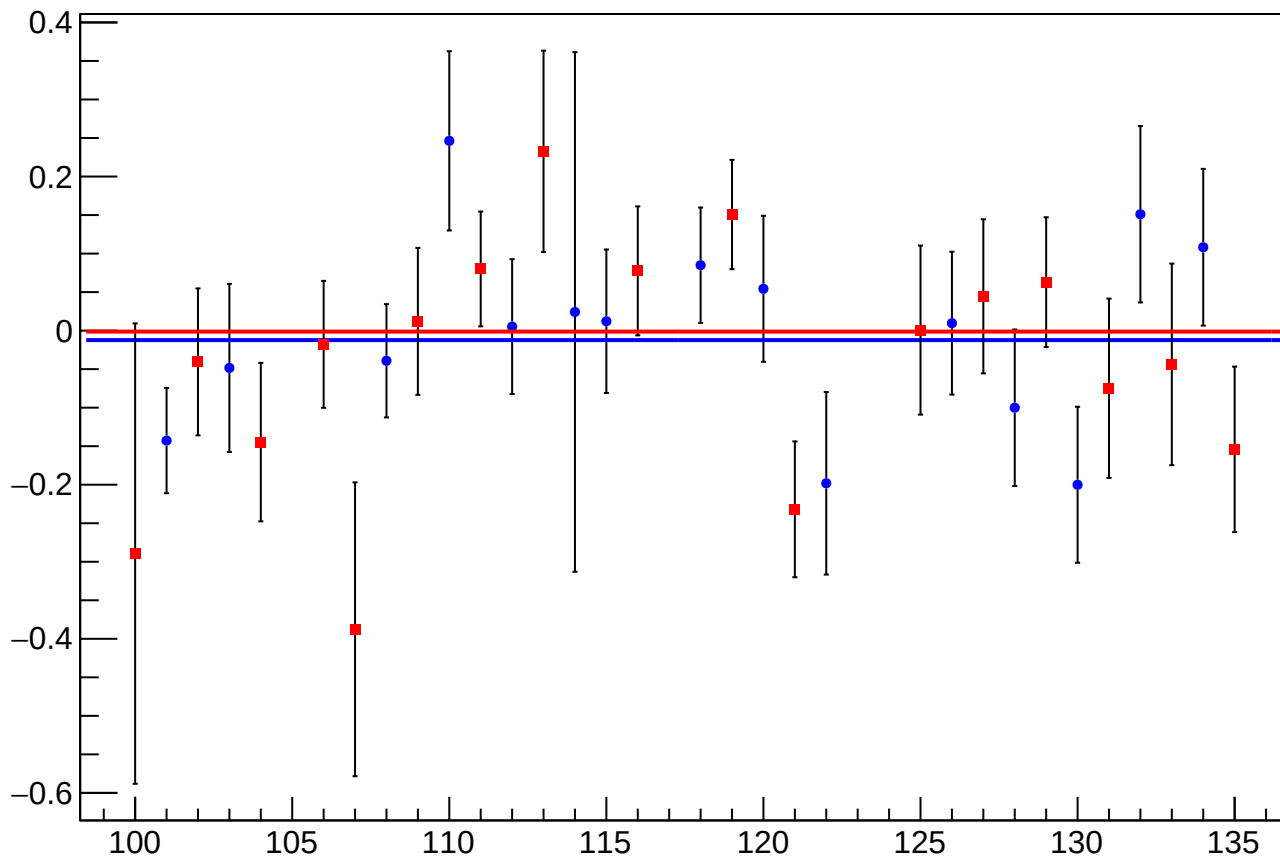
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 9060410.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.025 χ^2 /NDF: 21.3/14

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

Right Out: -0.001 $\pm$ 0.024 χ^2 /NDF: 27.2/16

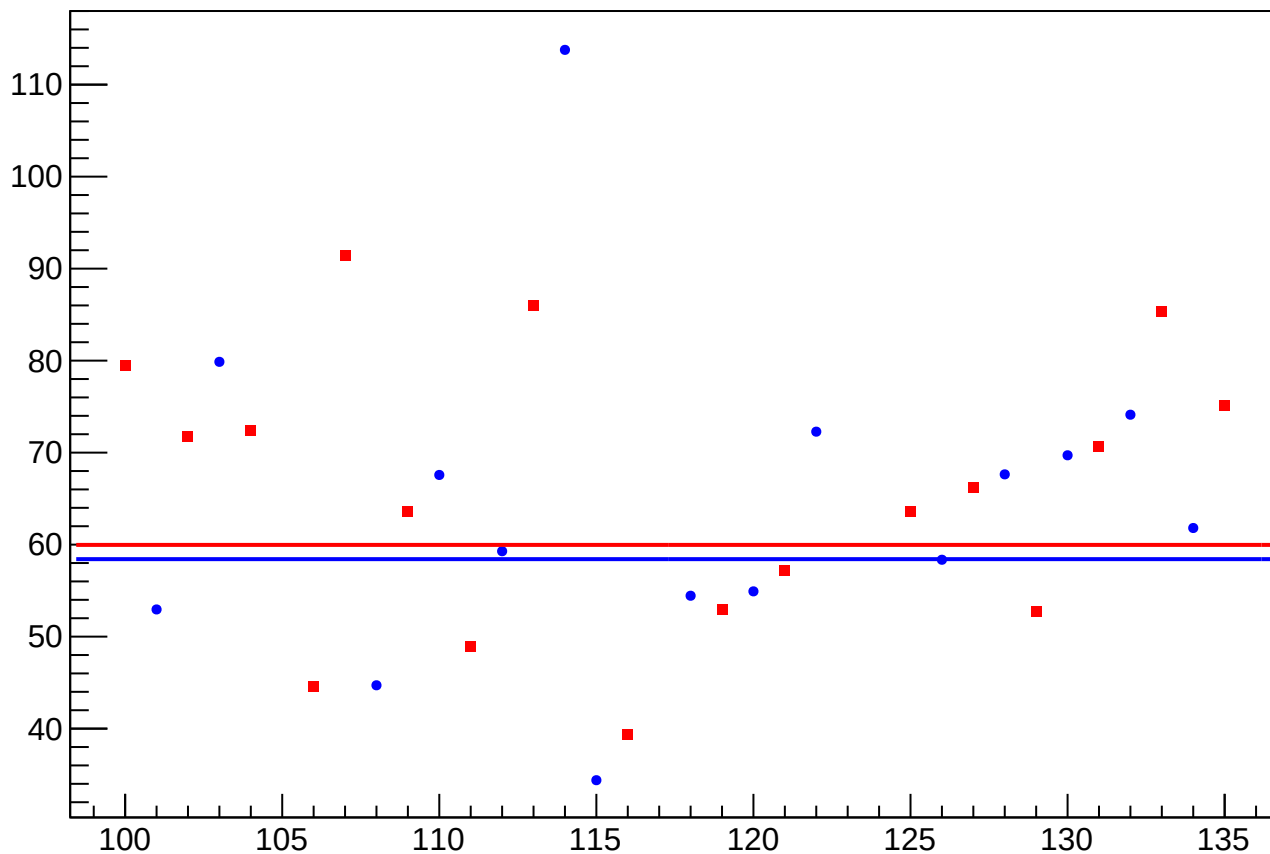
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.007 $\pm$ 0.017 χ^2 /NDF: 48.6/31

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

asym_us_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.422+/-0.017 χ^2/NDF : 476202.6/14

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

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

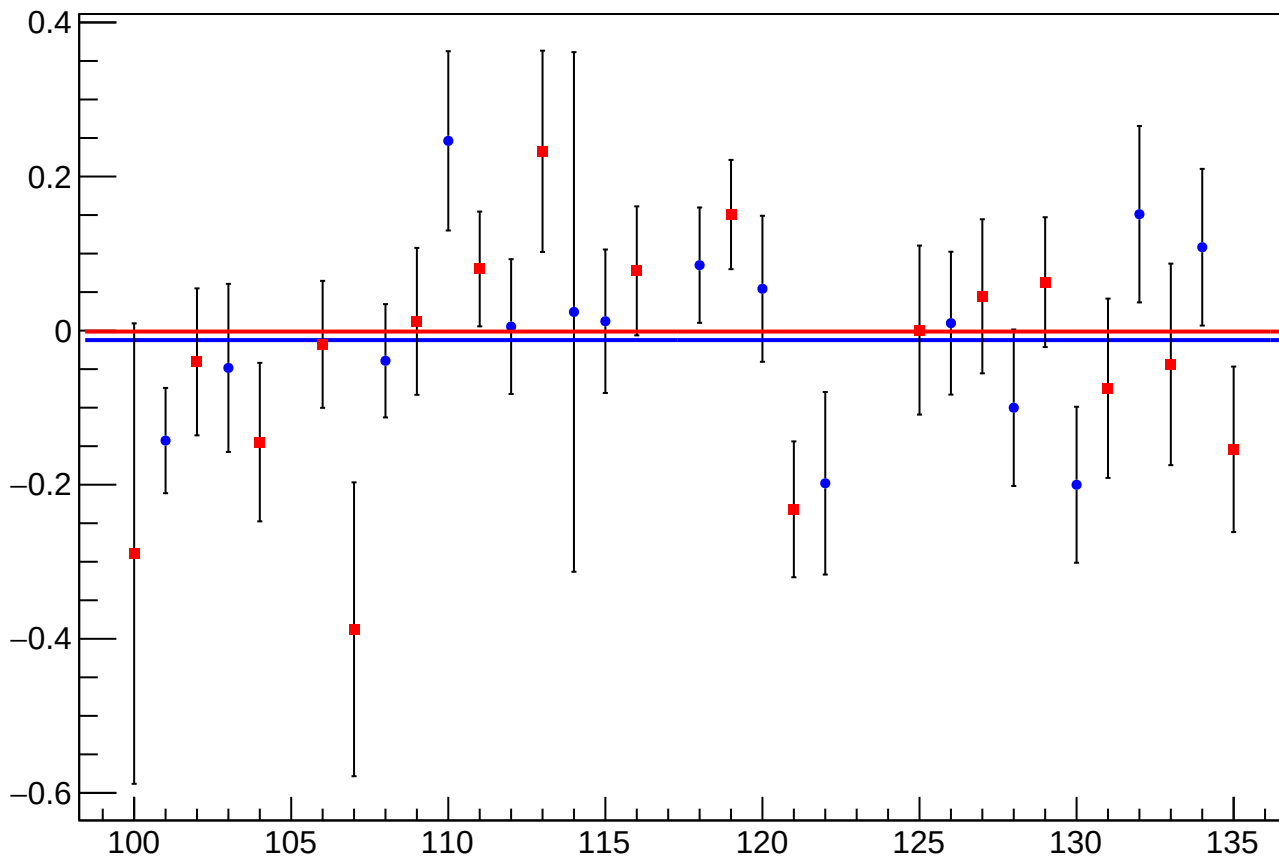
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.218+/-0.012 χ^2/NDF : 1097565.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 ± 0.025 χ^2/NDF : 21.3/14

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

Right Out: -0.001 ± 0.024 χ^2/NDF : 27.2/16

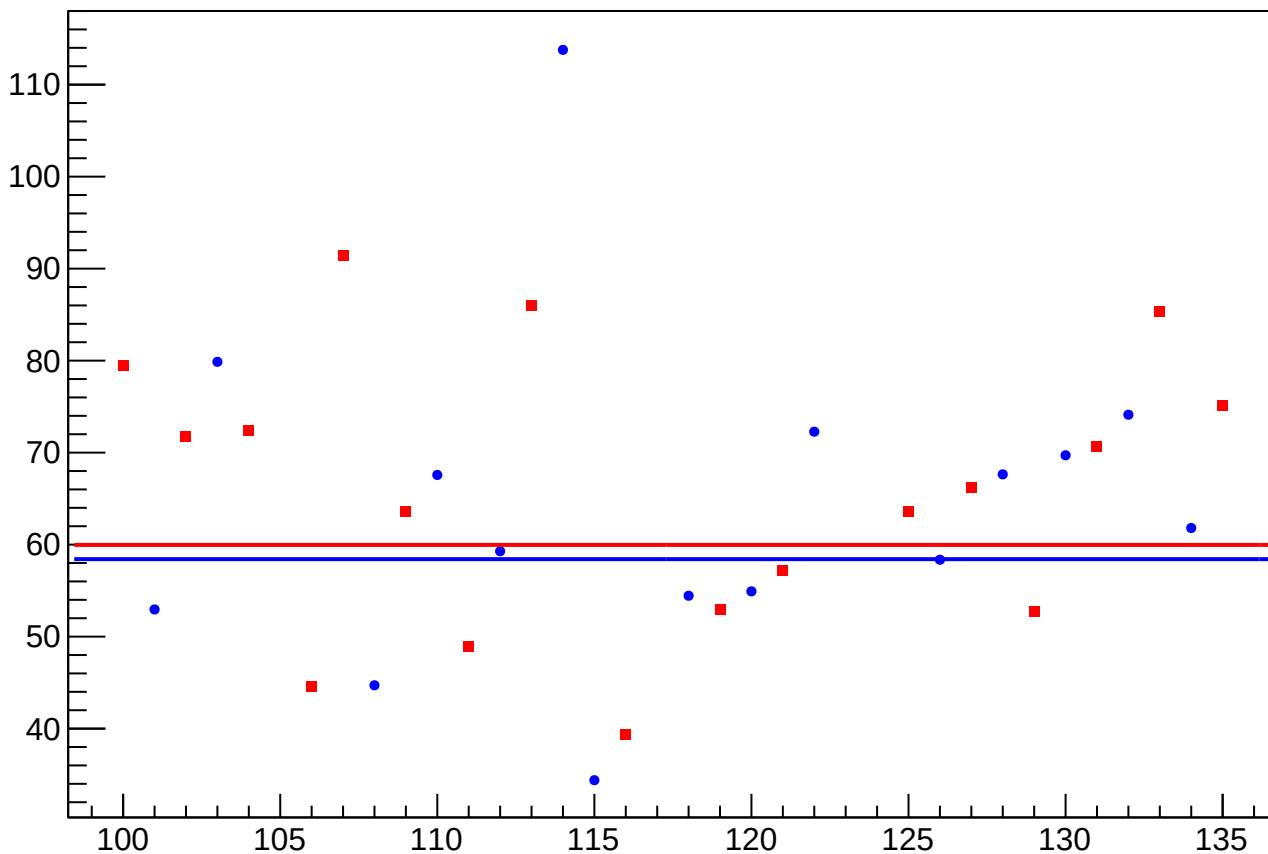
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.017 χ^2/NDF : 48.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.422+/-0.017 χ^2/NDF : 476202.6/14

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

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

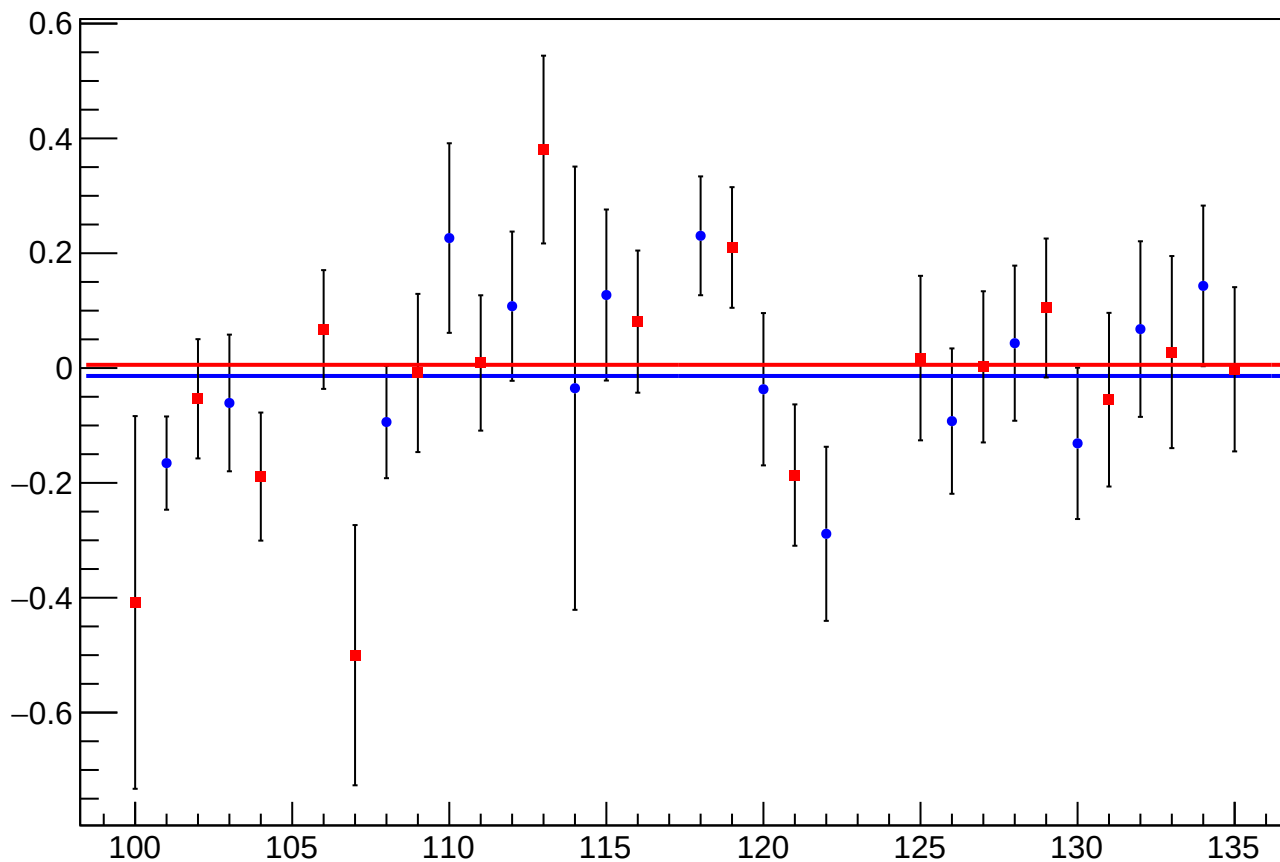
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.218+/-0.012 χ^2/NDF : 1097565.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.014 ± 0.033 χ^2/NDF : 20.0/14

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

Right Out: 0.006 ± 0.032 χ^2/NDF : 23.0/16

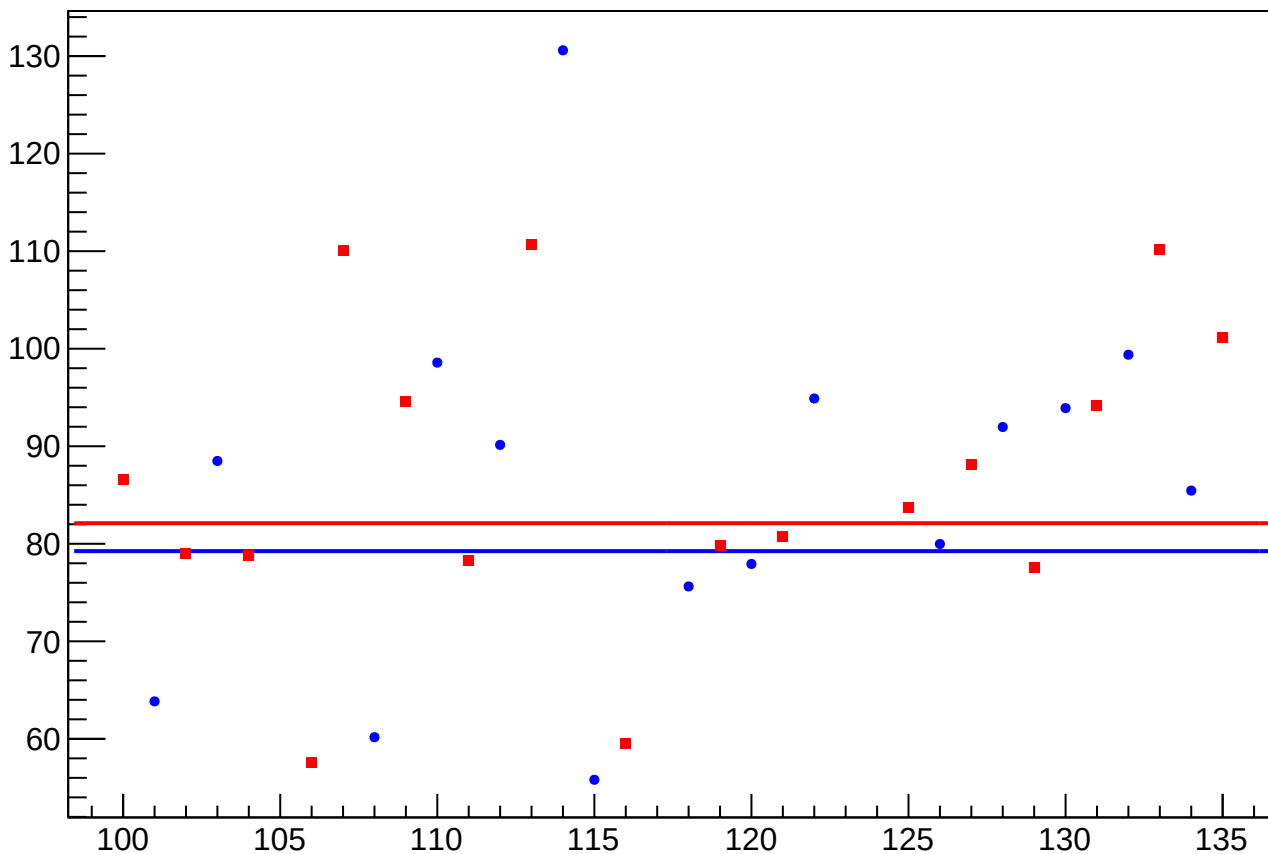
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.023 χ^2/NDF : 43.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 79.244+/-0.023 χ^2/NDF : 391621.6/14

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

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

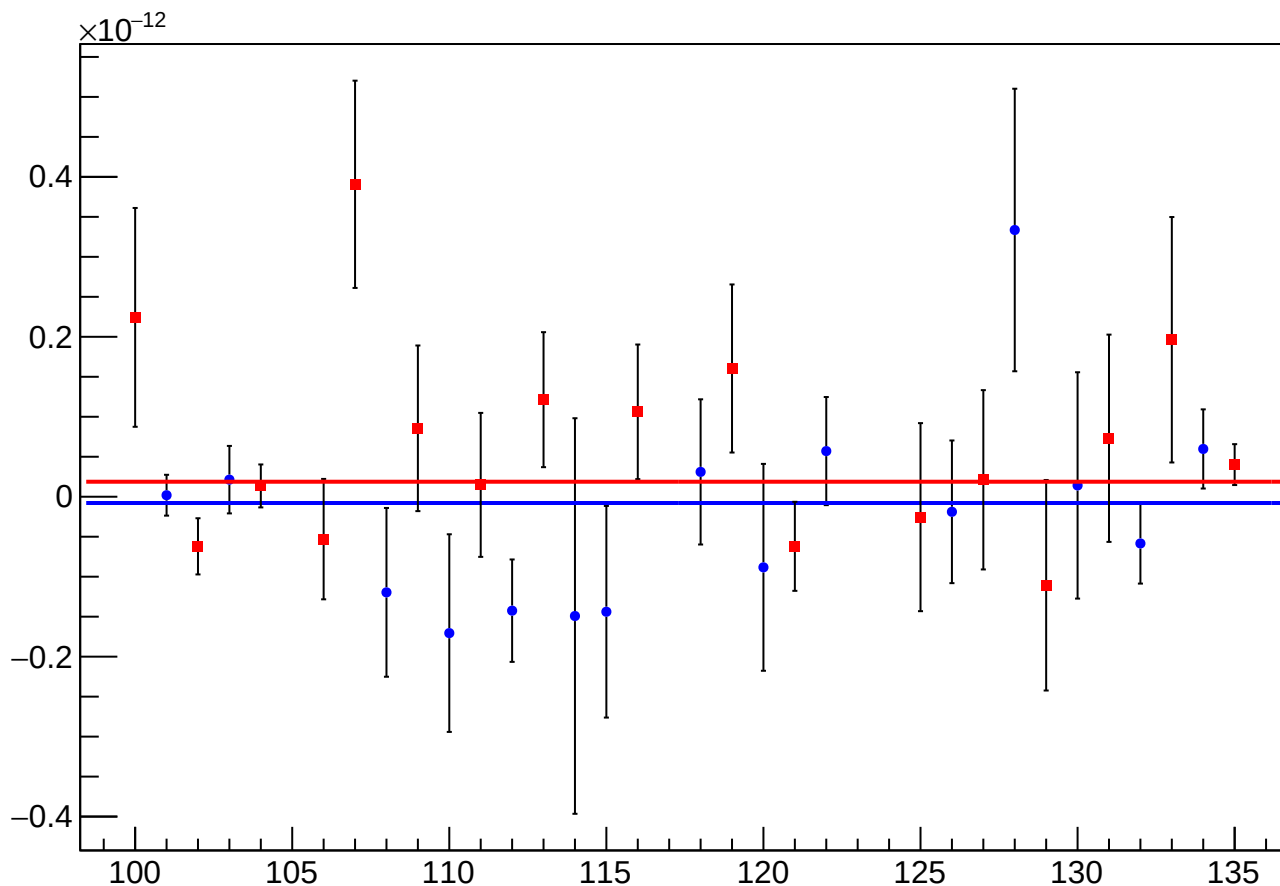
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.711+/-0.016 χ^2/NDF : 805271.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 17.4/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 26.9/16

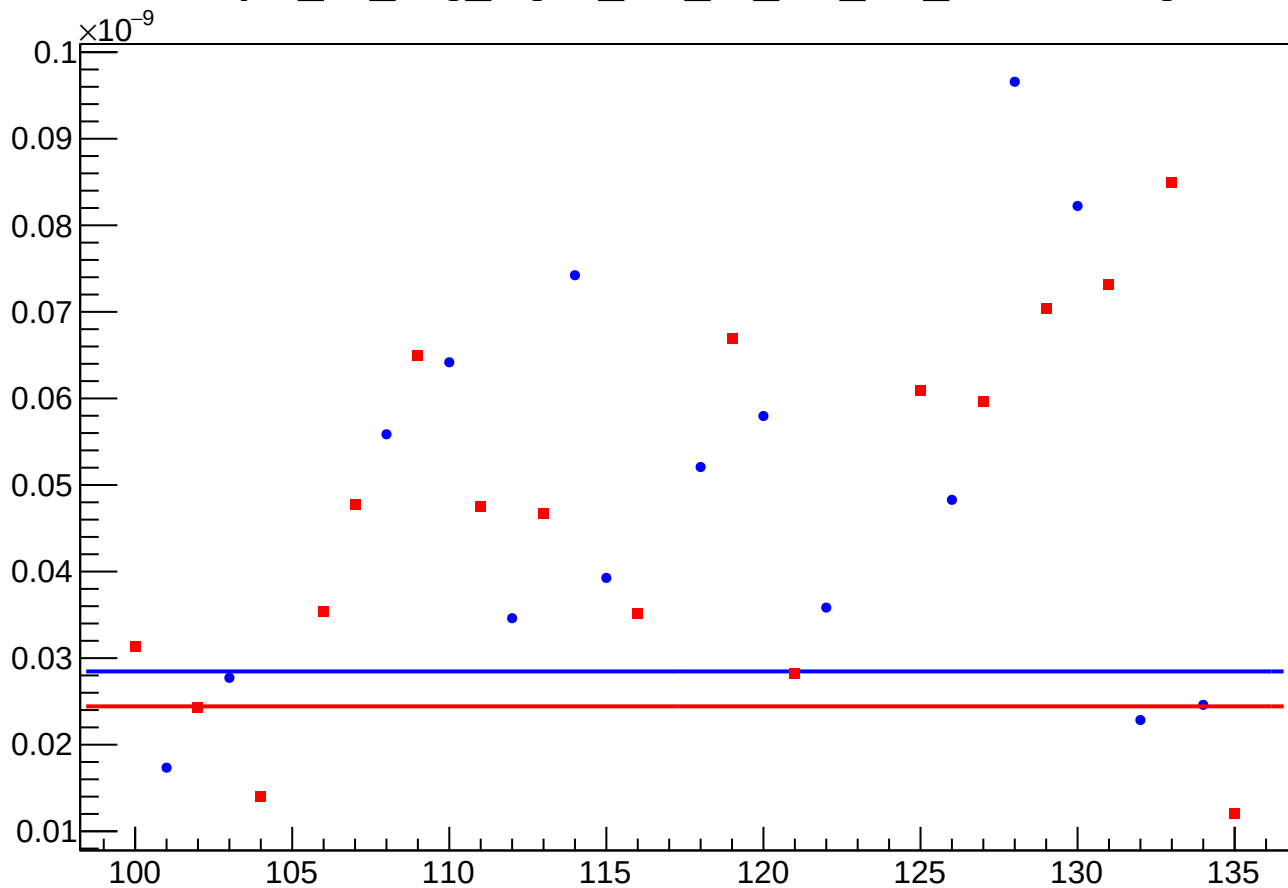
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 46.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1766637.5/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 3058034.7/16

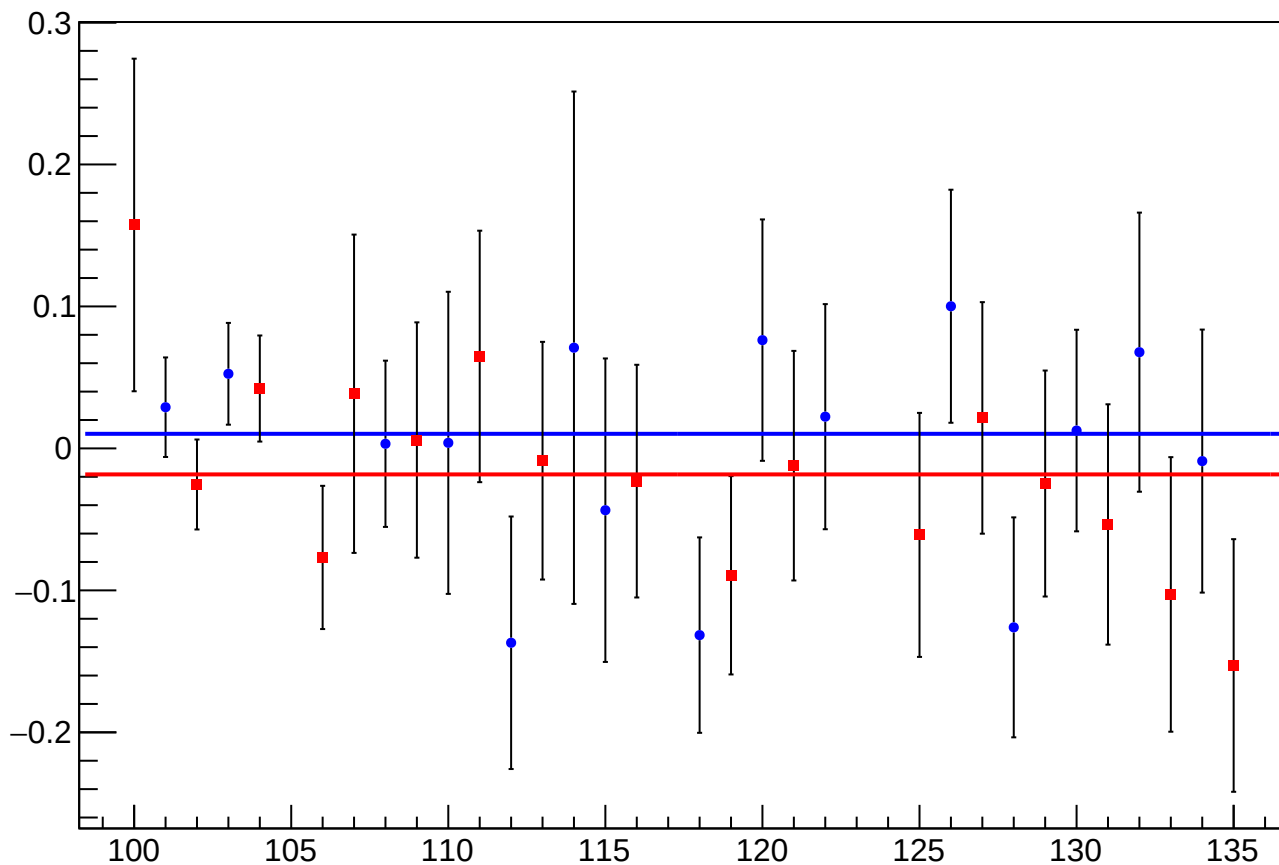
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4898316.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.017 χ^2 /NDF: 14.4/14

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

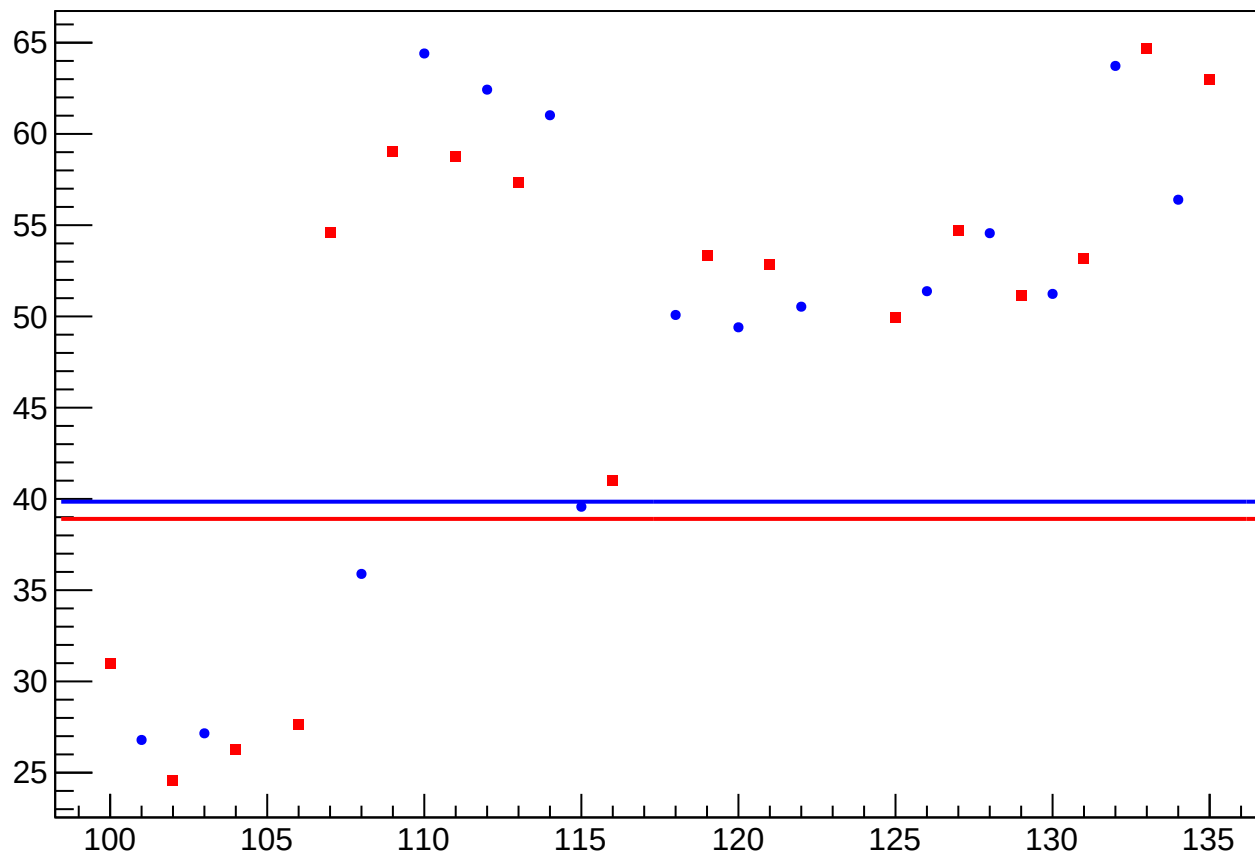
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 28.1/31

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

asym_us_avg_overload_cor_vs_cor_diff_rms vs Slug



Right In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

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

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

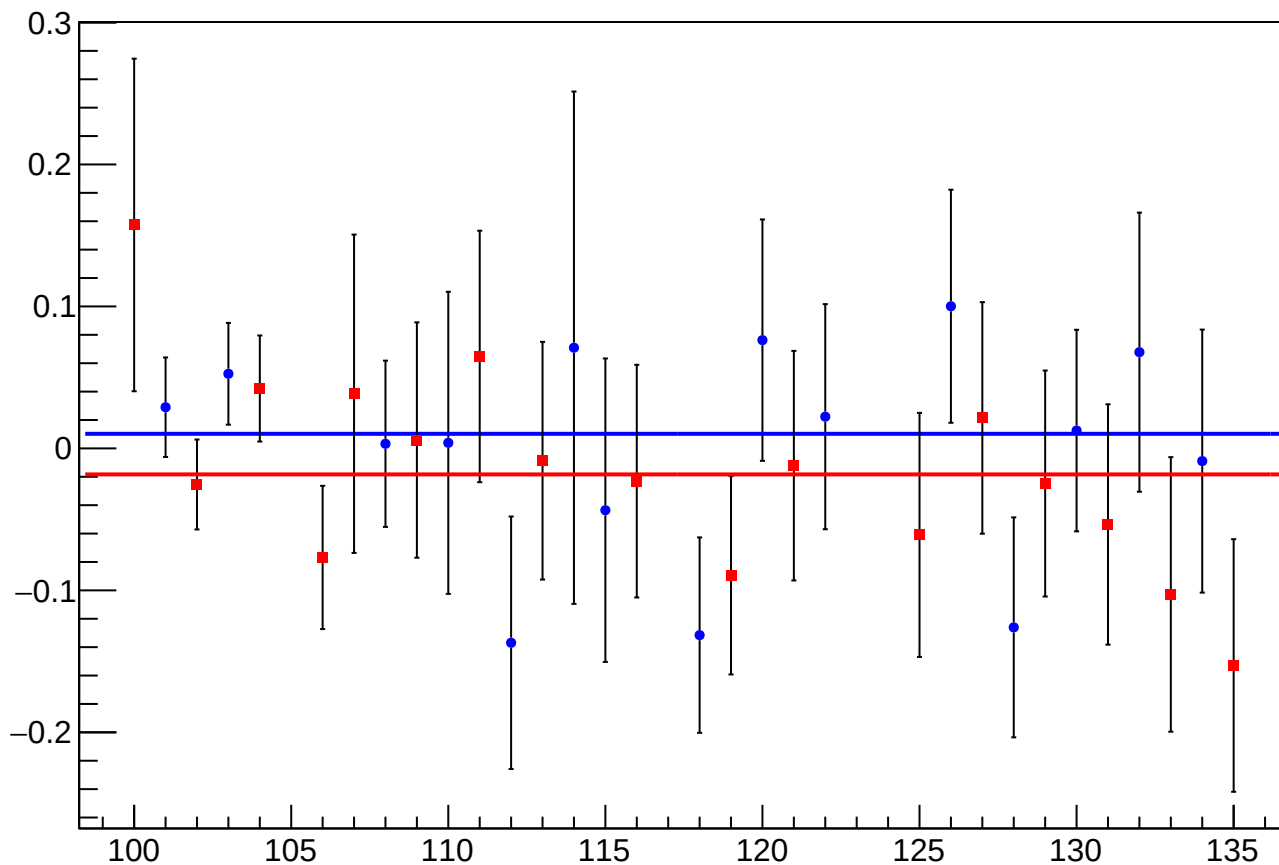
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.343+/-0.008 χ^2/NDF : 3002355.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.017 χ^2 /NDF: 14.4/14

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

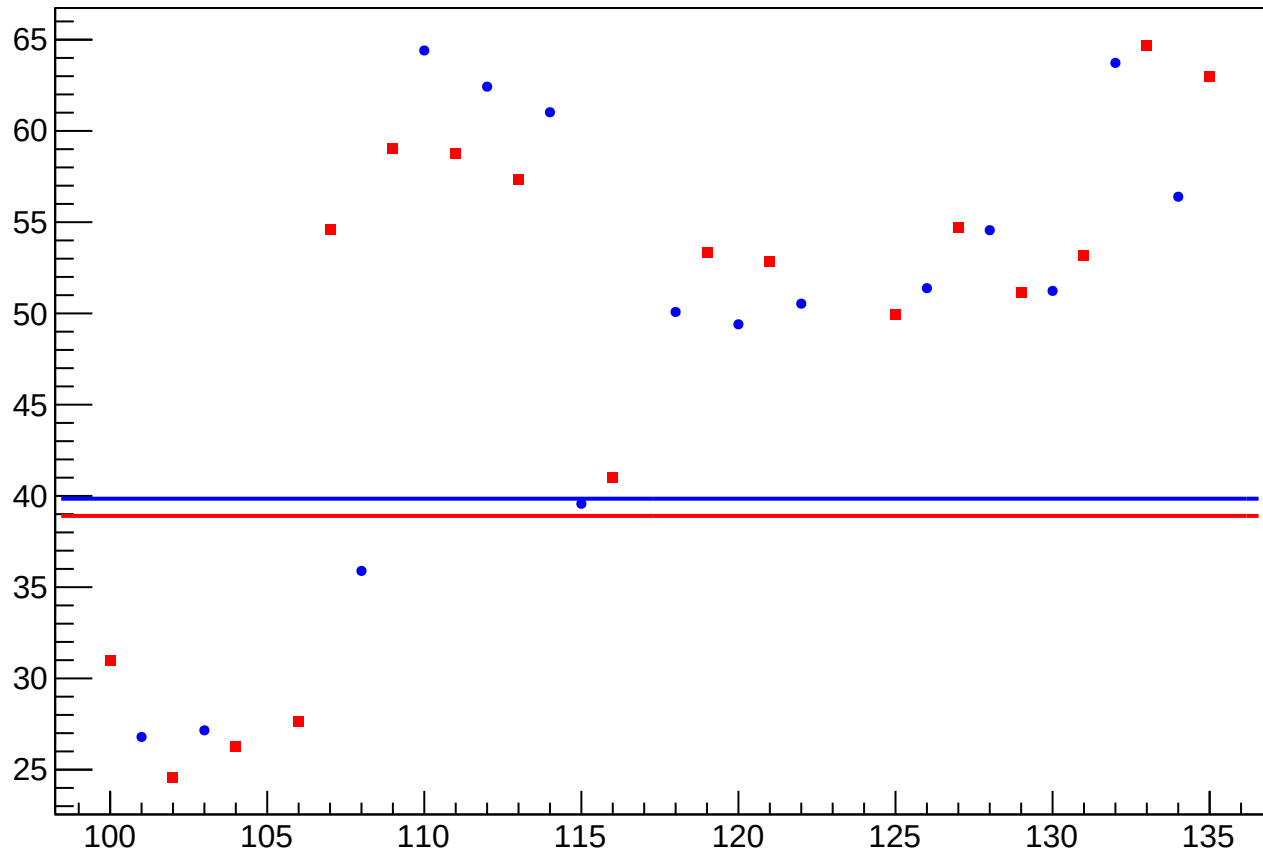
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.005 $\pm$ 0.012 χ^2 /NDF: 28.1/31

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

asym_us_avg_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 39.848+/-0.012 χ^2/NDF : 1250988.5/14

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

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

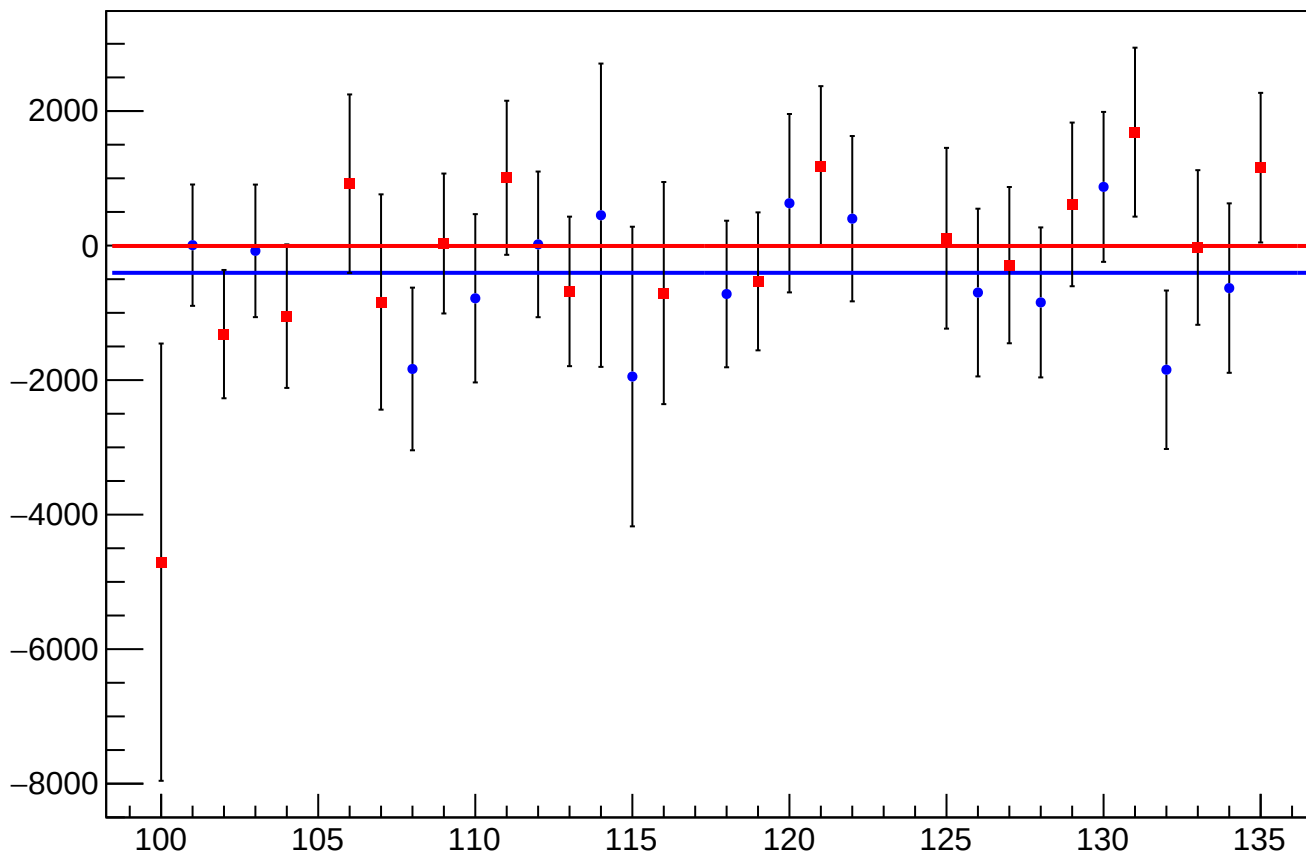
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.343+/-0.008 χ^2/NDF : 3002355.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_mean vs Slug



Right In: -404.997 $\pm$ 308.476 χ^2 /NDF: 6.8/14

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

Right Out: -5.858 $\pm$ 292.148 χ^2 /NDF: 11.5/16

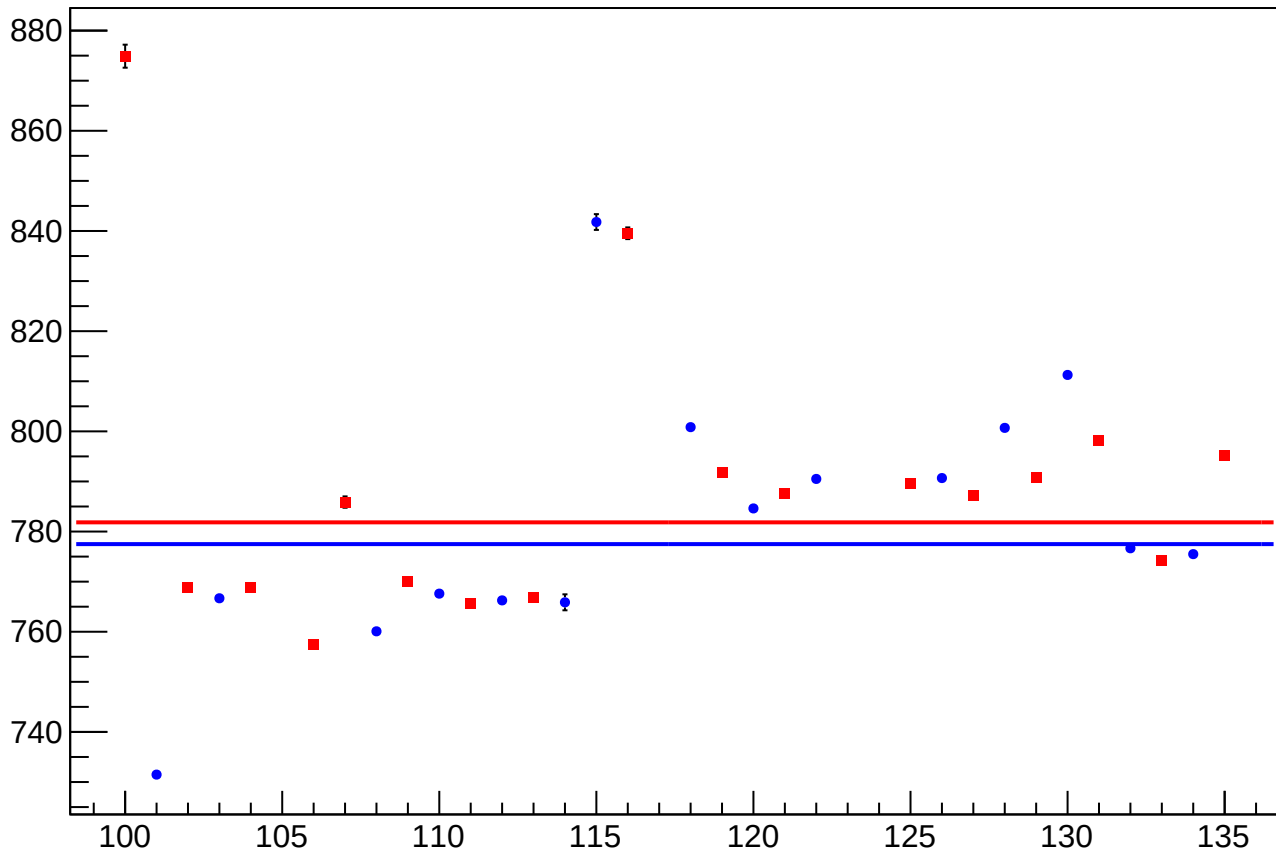
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -194.585 $\pm$ 212.117 χ^2 /NDF: 19.2/31

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

reg_asym_us_dd_rms vs Slug



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

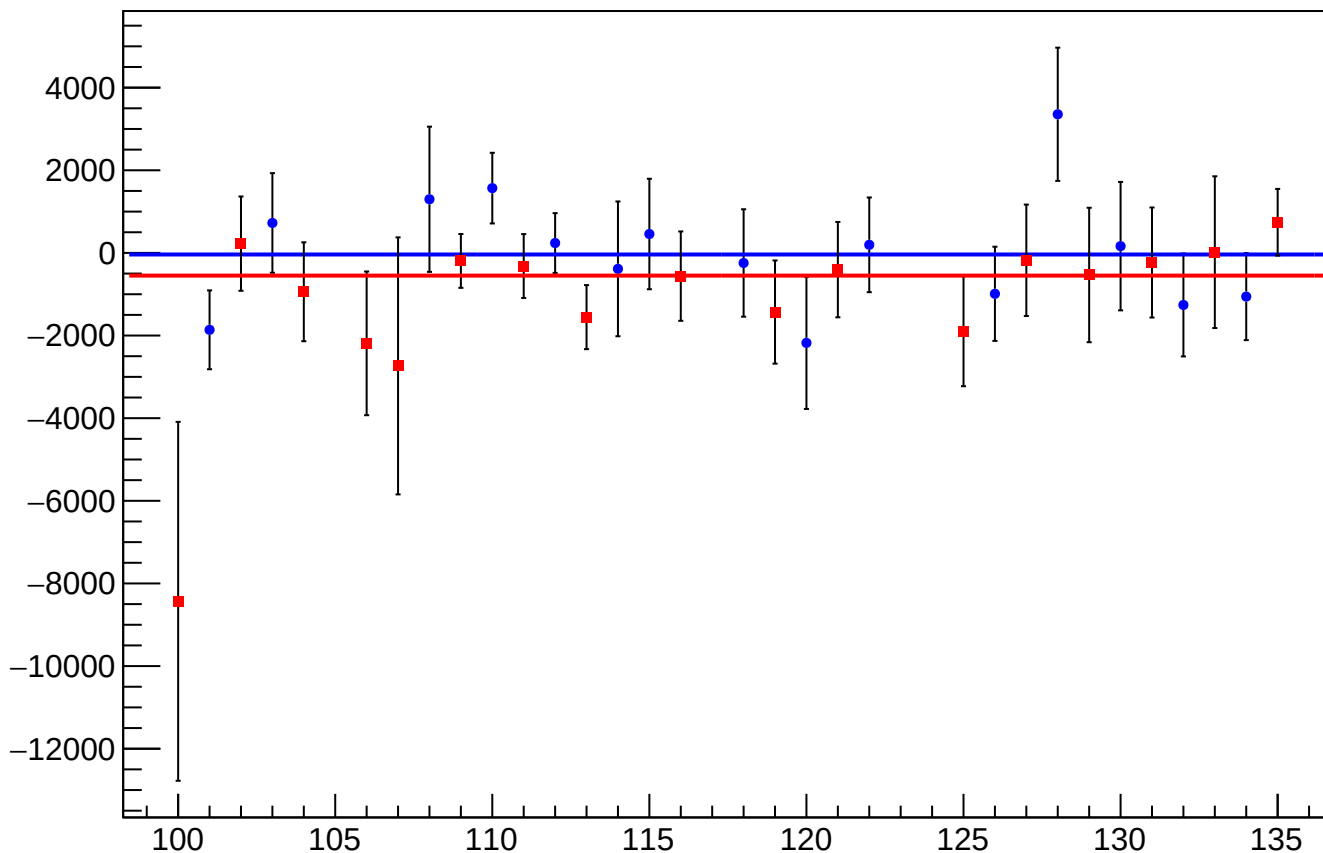
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.782 $\pm$ 0.150 χ^2 /NDF: 19882.1/31

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

asym_us_dd_reg_correction_mean vs Slug



Right In: -38.116 ± 299.047 χ^2/NDF : 17.4/14

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

Right Out: -549.082 ± 269.380 χ^2/NDF : 11.6/16

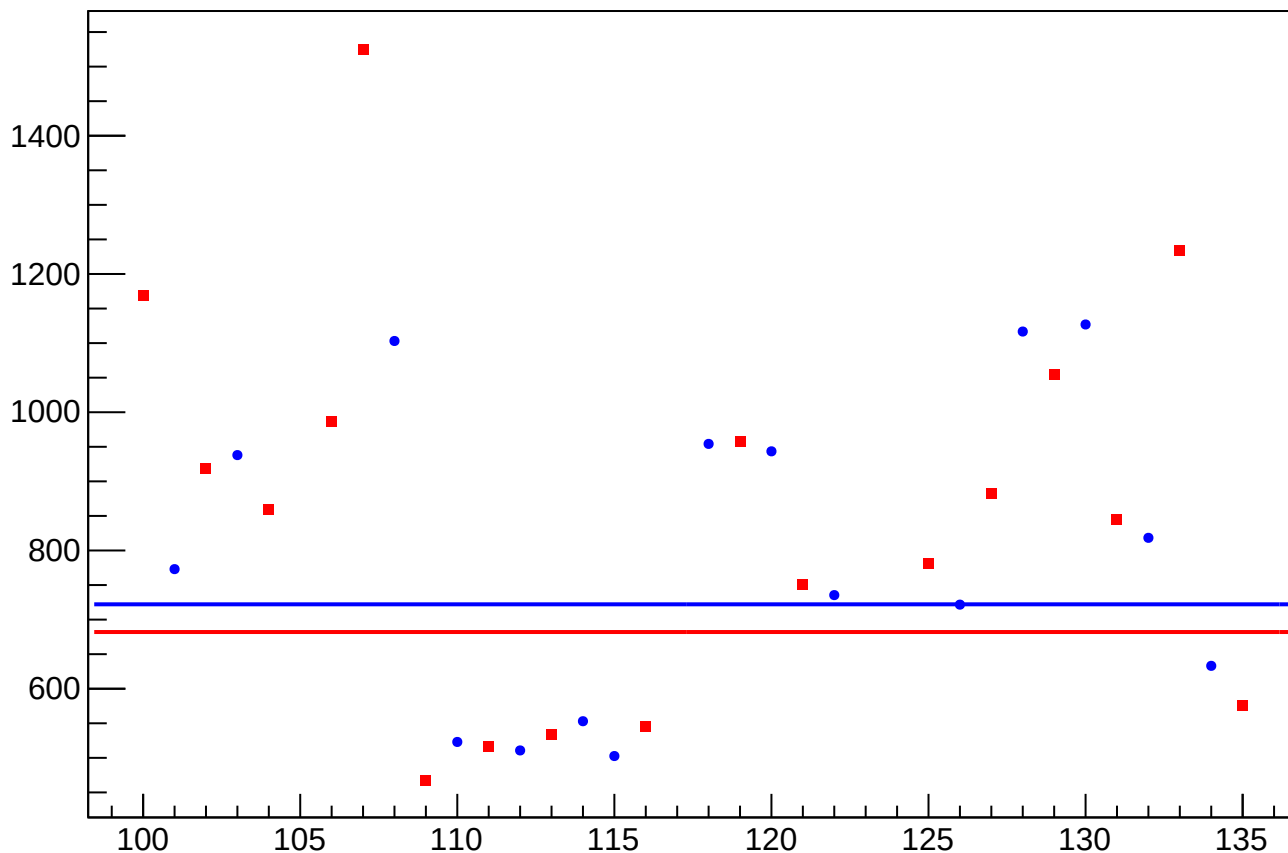
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -320.195 ± 200.150 χ^2/NDF : 30.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_correction_rms vs Slug



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

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

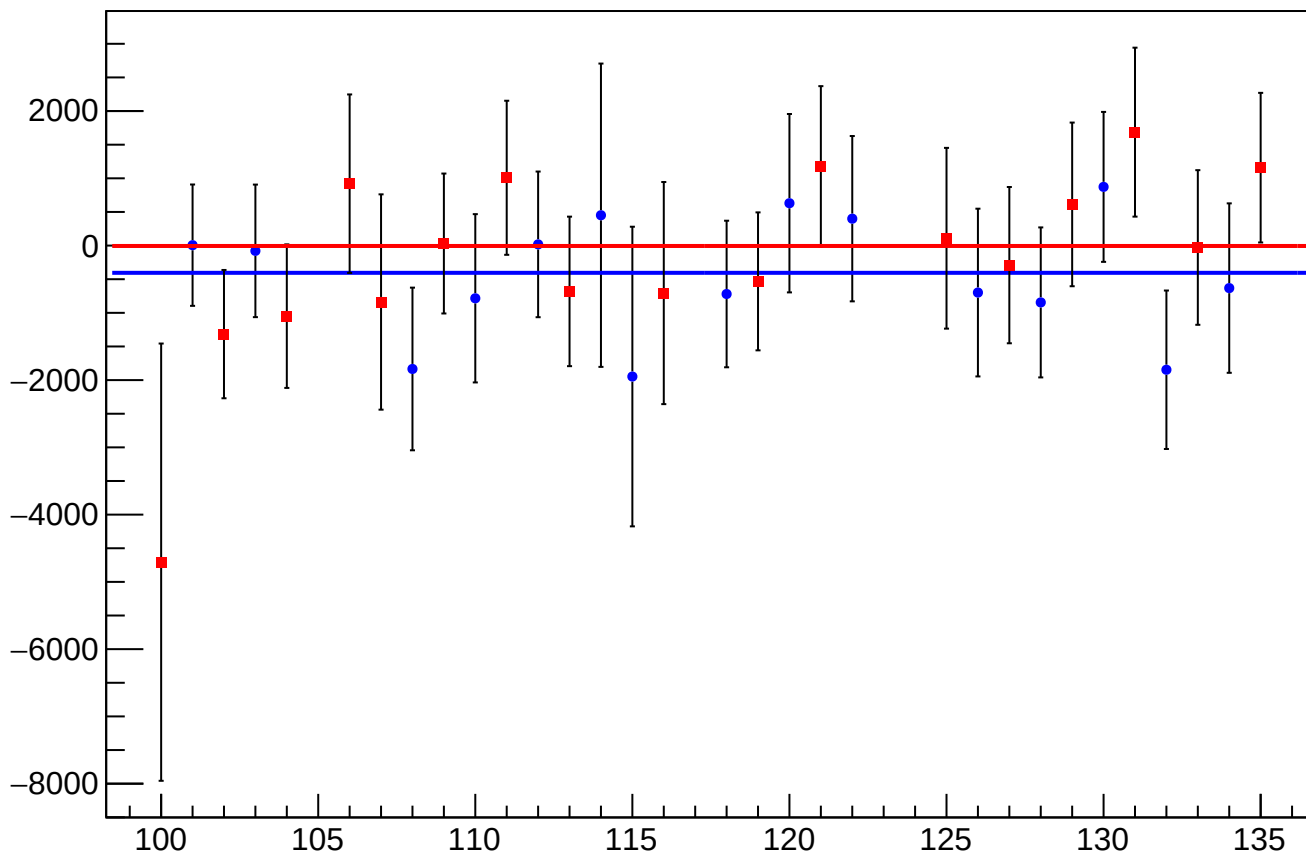
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 699.996+/-0.142 χ^2/NDF : 2209844.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_mean vs Slug



Right In: -404.997 ± 308.476 χ^2/NDF : 6.8/14

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

Right Out: -5.858 ± 292.148 χ^2/NDF : 11.5/16

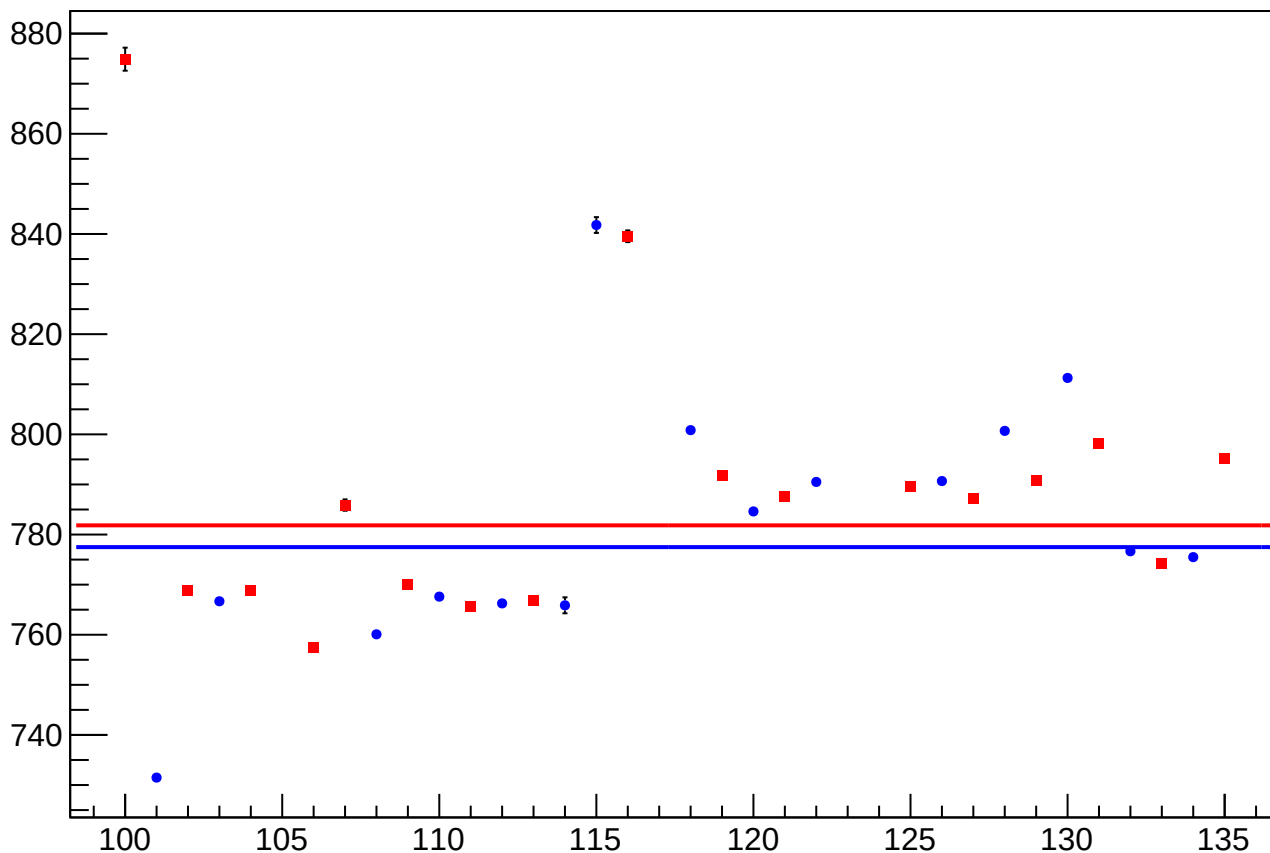
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -194.585 ± 212.117 χ^2/NDF : 19.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_rms vs Slug



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

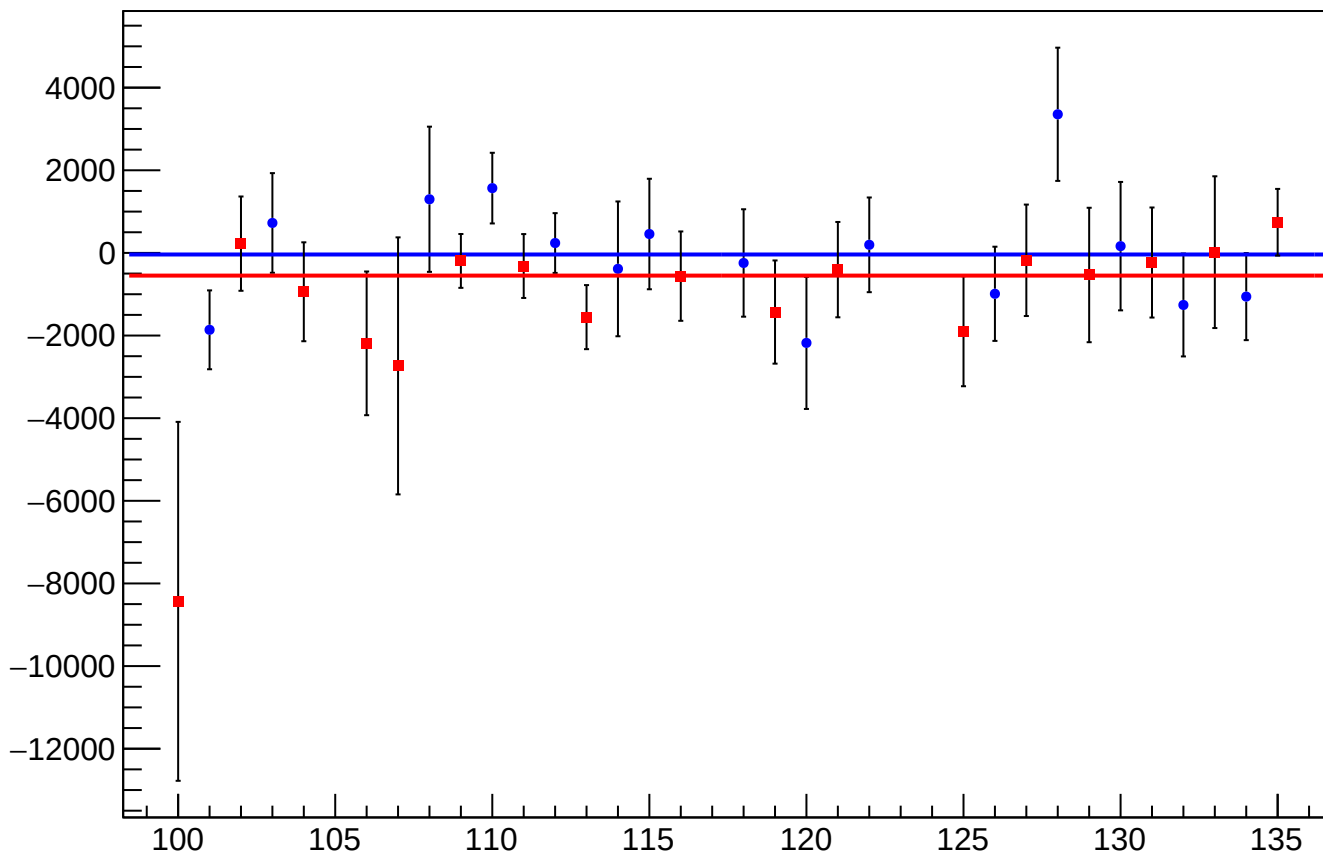
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.782 $\pm$ 0.150 χ^2 /NDF: 19882.1/31

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

asym_us_dd_cor_correction_mean vs Slug



Right In: -38.116 ± 299.047 χ^2/NDF : 17.4/14

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

Right Out: -549.082 ± 269.380 χ^2/NDF : 11.6/16

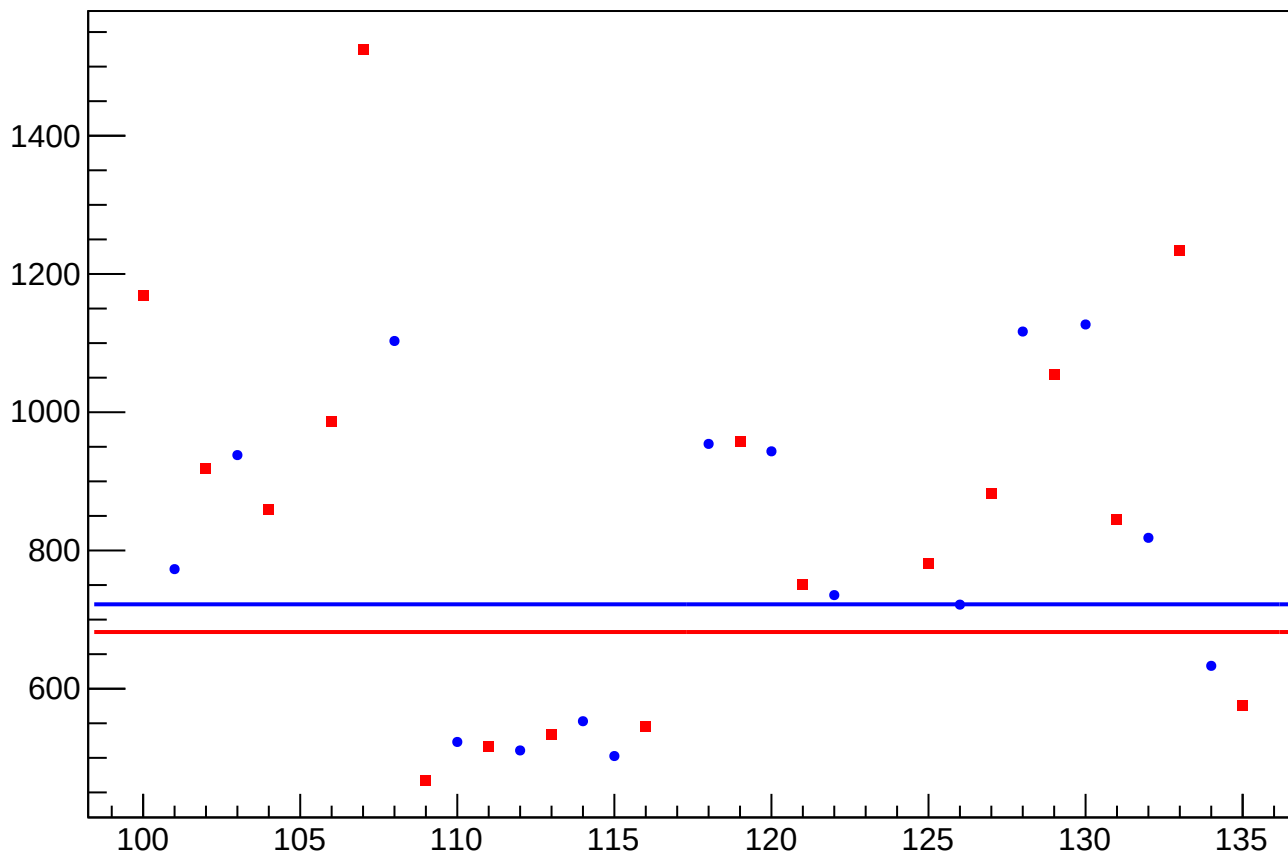
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -320.195 ± 200.150 χ^2/NDF : 30.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_cor_correction_rms vs Slug



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

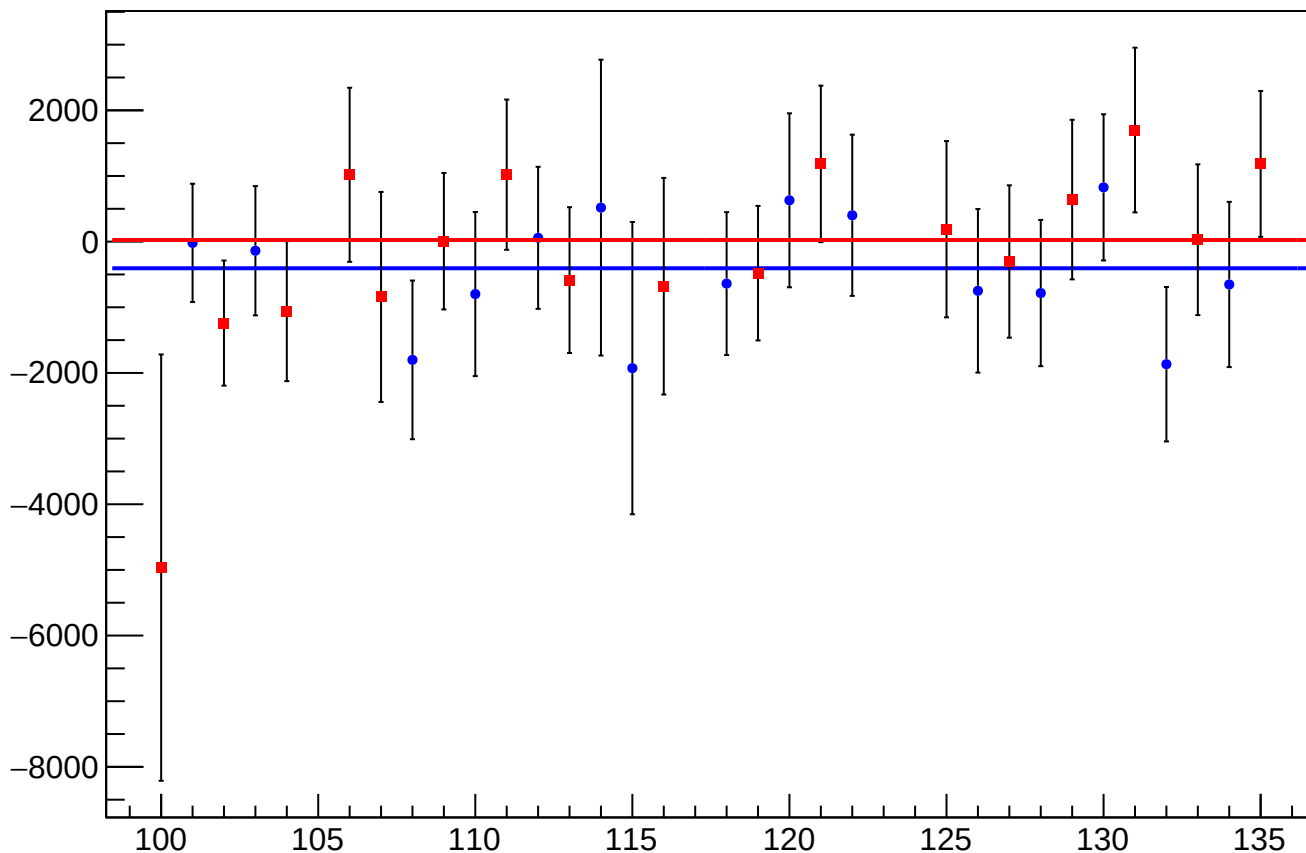
Right Out: 682.042+/-0.190 χ^2/NDF : 1287469.4/16

All: 699.996+/-0.142 χ^2/NDF : 2209844.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

overload_cor_asym_us_dd_mean vs Slug



Right In: -405.638 ± 308.173 χ^2/NDF : 6.6/14

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

Right Out: 24.950 ± 291.881 χ^2/NDF : 11.7/16

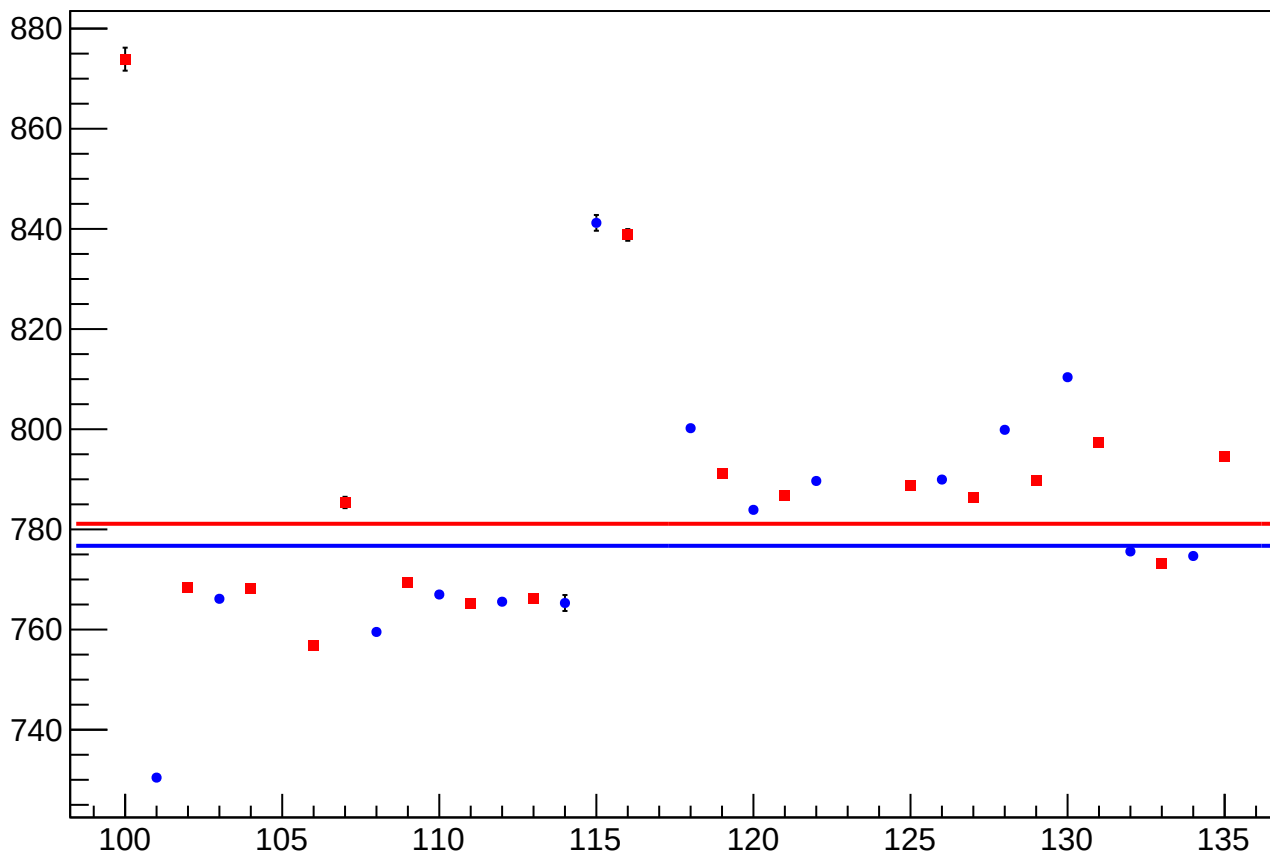
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -178.662 ± 211.916 χ^2/NDF : 19.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

overload_cor_asym_us_dd_rms vs Slug



Right In: 776.724 $\pm$ 0.218 χ^2 /NDF: 12117.5/14

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

Right Out: 781.122 $\pm$ 0.206 χ^2 /NDF: 7582.6/16

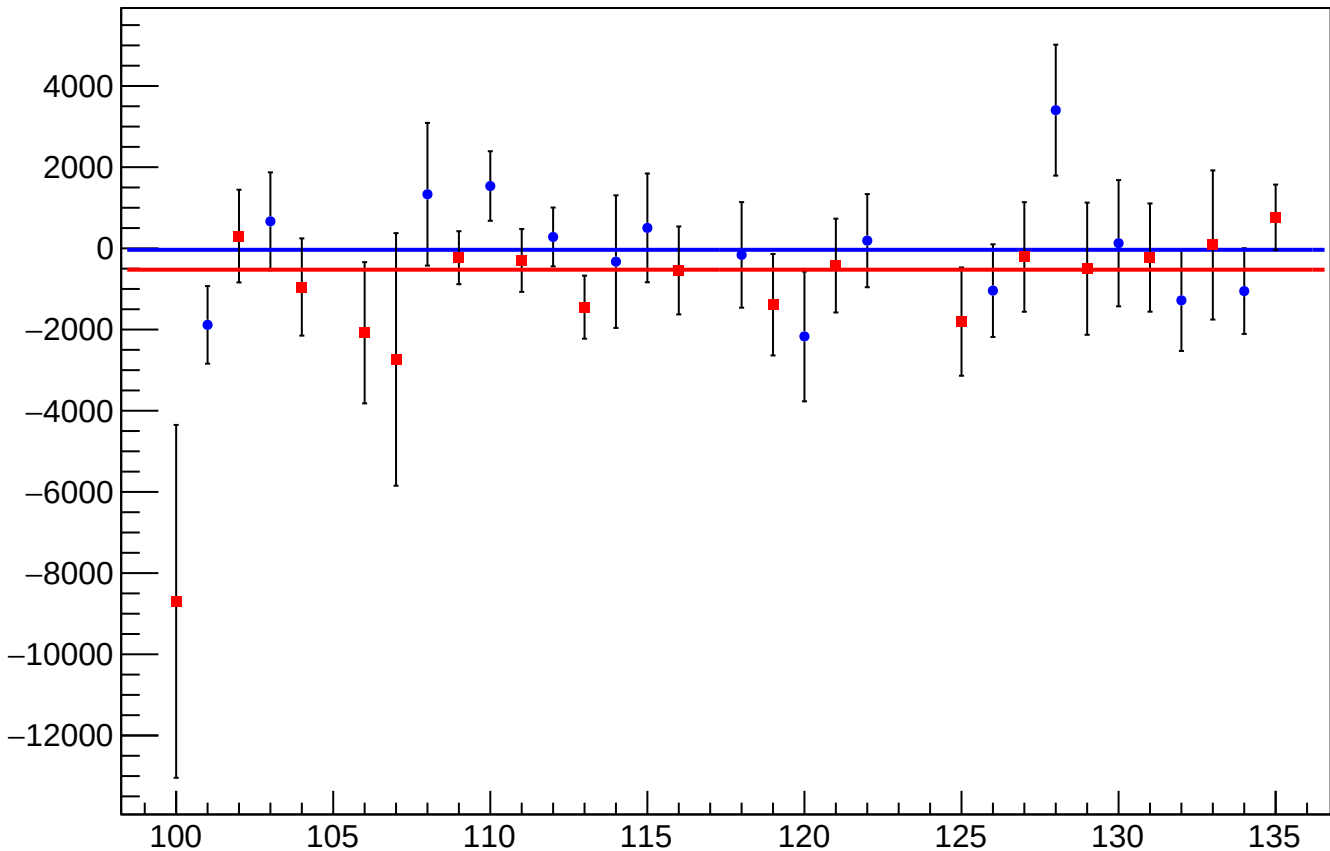
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.042 $\pm$ 0.150 χ^2 /NDF: 19914.8/31

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

asym_us_dd_overload_cor_correction_mean vs Slug



Right In: -35.282 ± 299.449 χ^2/NDF : 17.5/14

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

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

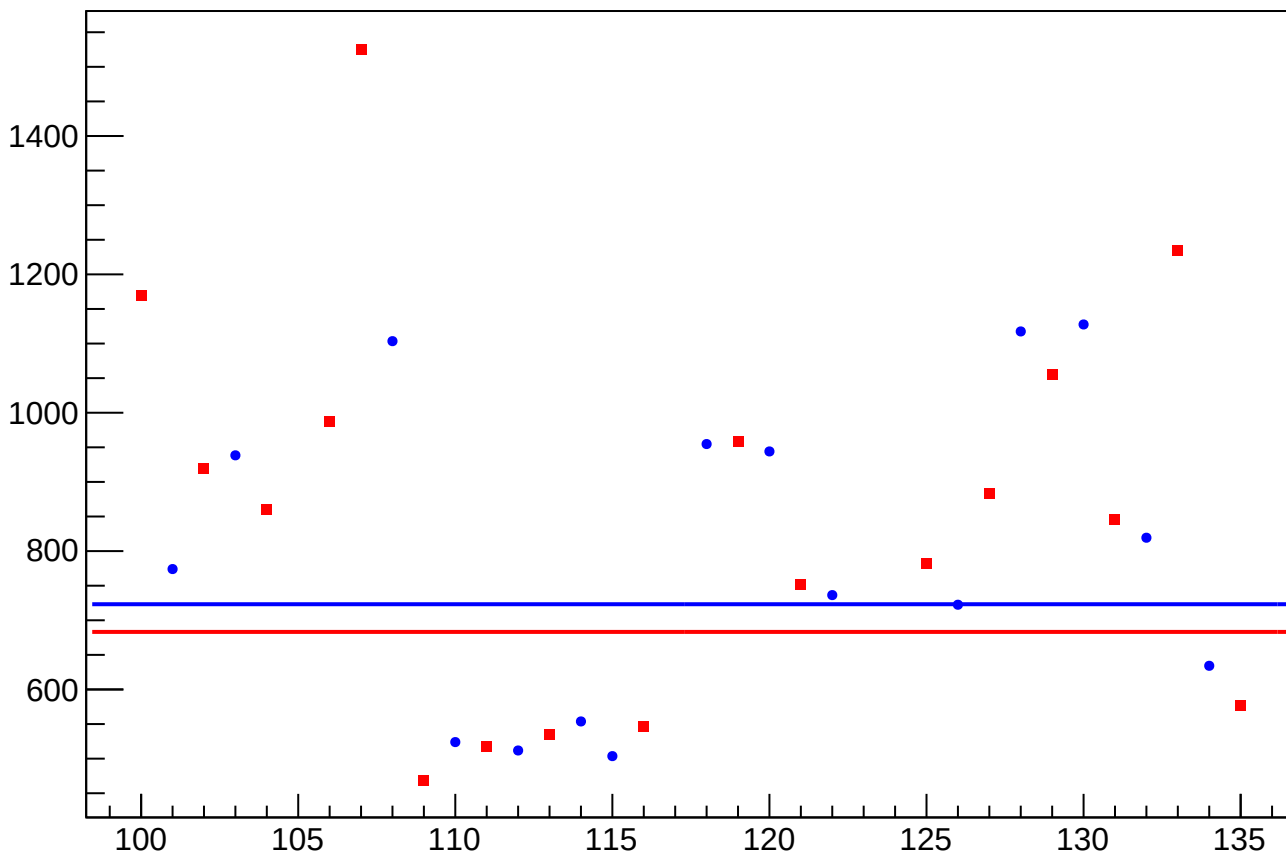
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -305.958 ± 200.433 χ^2/NDF : 30.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_correction_rms vs Slug



Right In: 723.211+/-0.212 χ^2/NDF : 899166.8/14

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

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

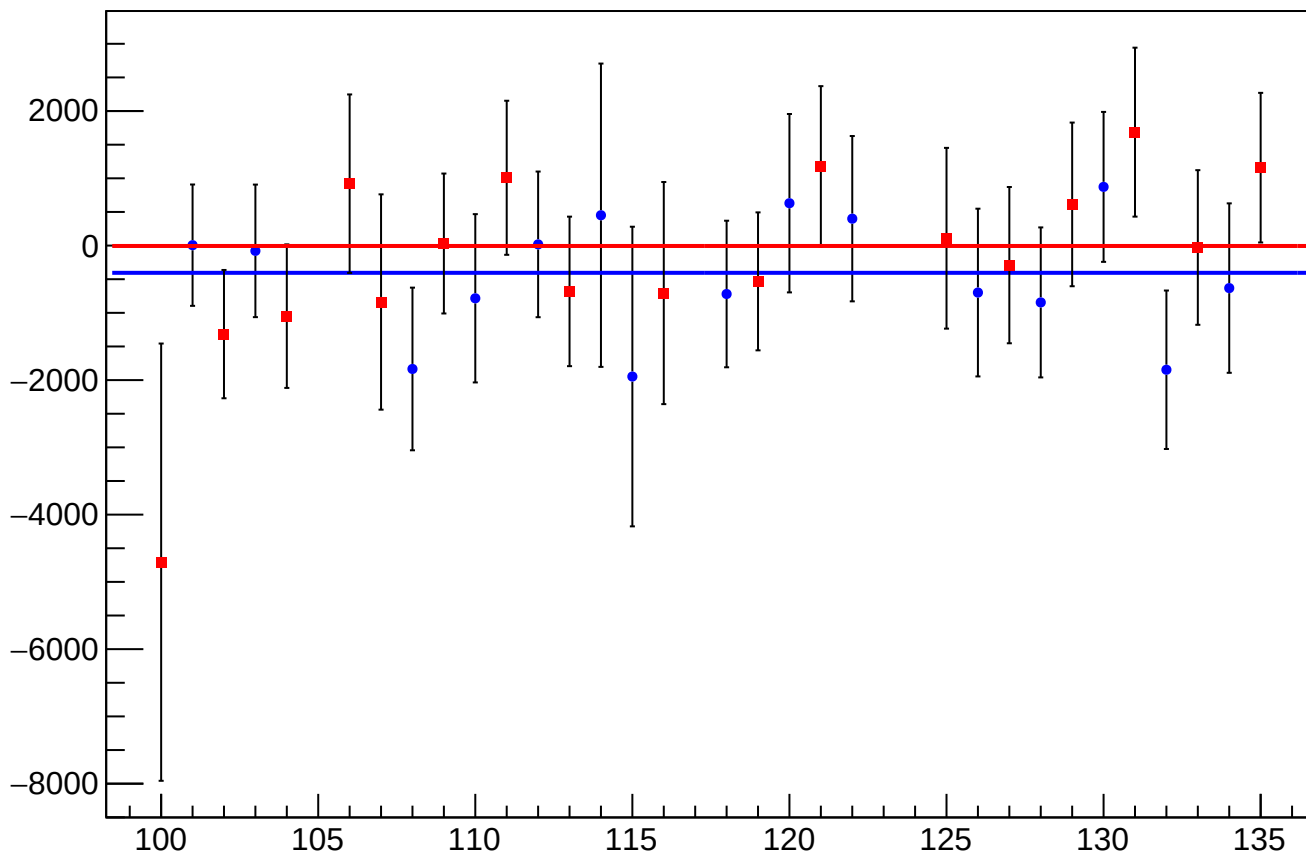
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 701.124+/-0.142 χ^2/NDF : 2201478.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_mean vs Slug



Right In: -404.997 $\pm$ 308.476 χ^2 /NDF: 6.8/14

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

Right Out: -5.858 $\pm$ 292.148 χ^2 /NDF: 11.5/16

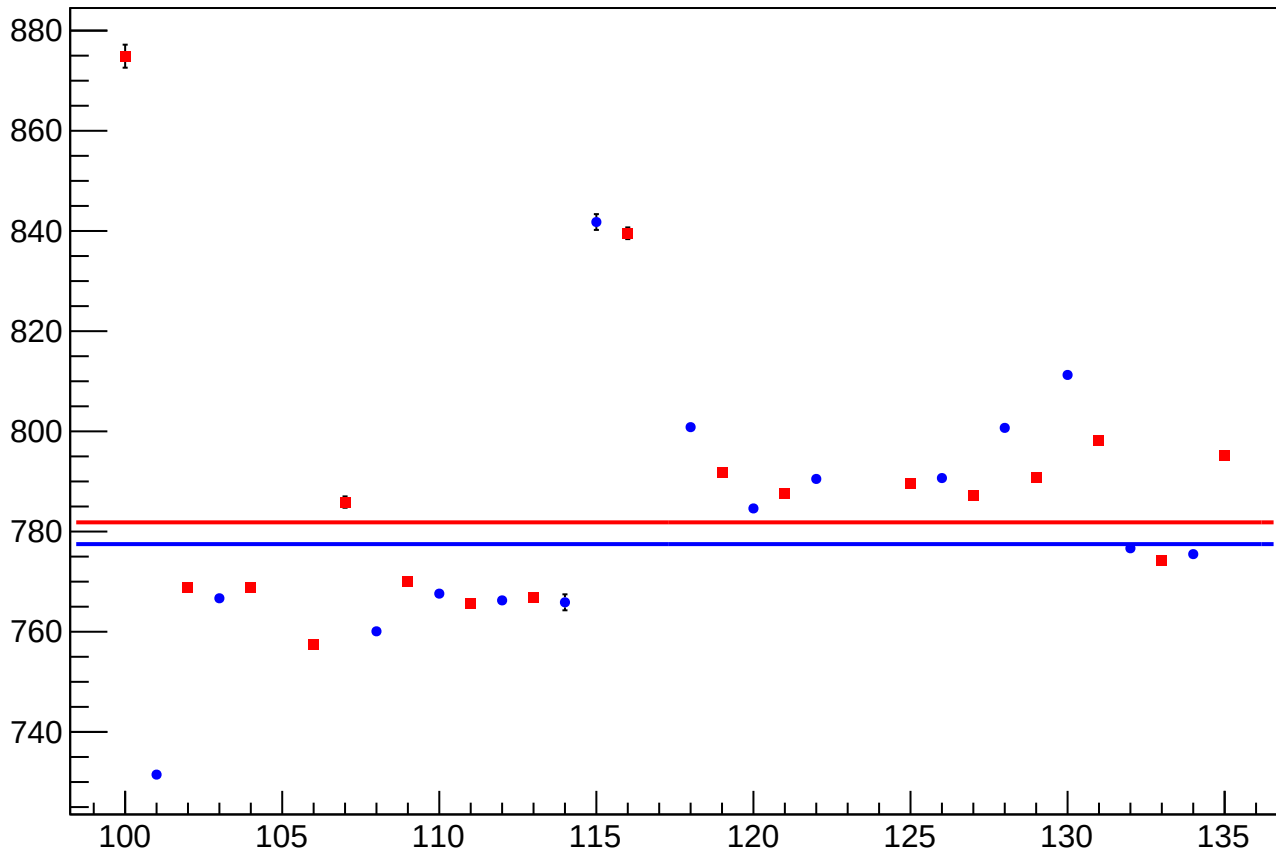
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -194.585 $\pm$ 212.117 χ^2 /NDF: 19.2/31

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

eigen_cor_asym_us_dd_rms vs Slug



Right In: 777.492 $\pm$ 0.218 χ^2 /NDF: 12049.7/14

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

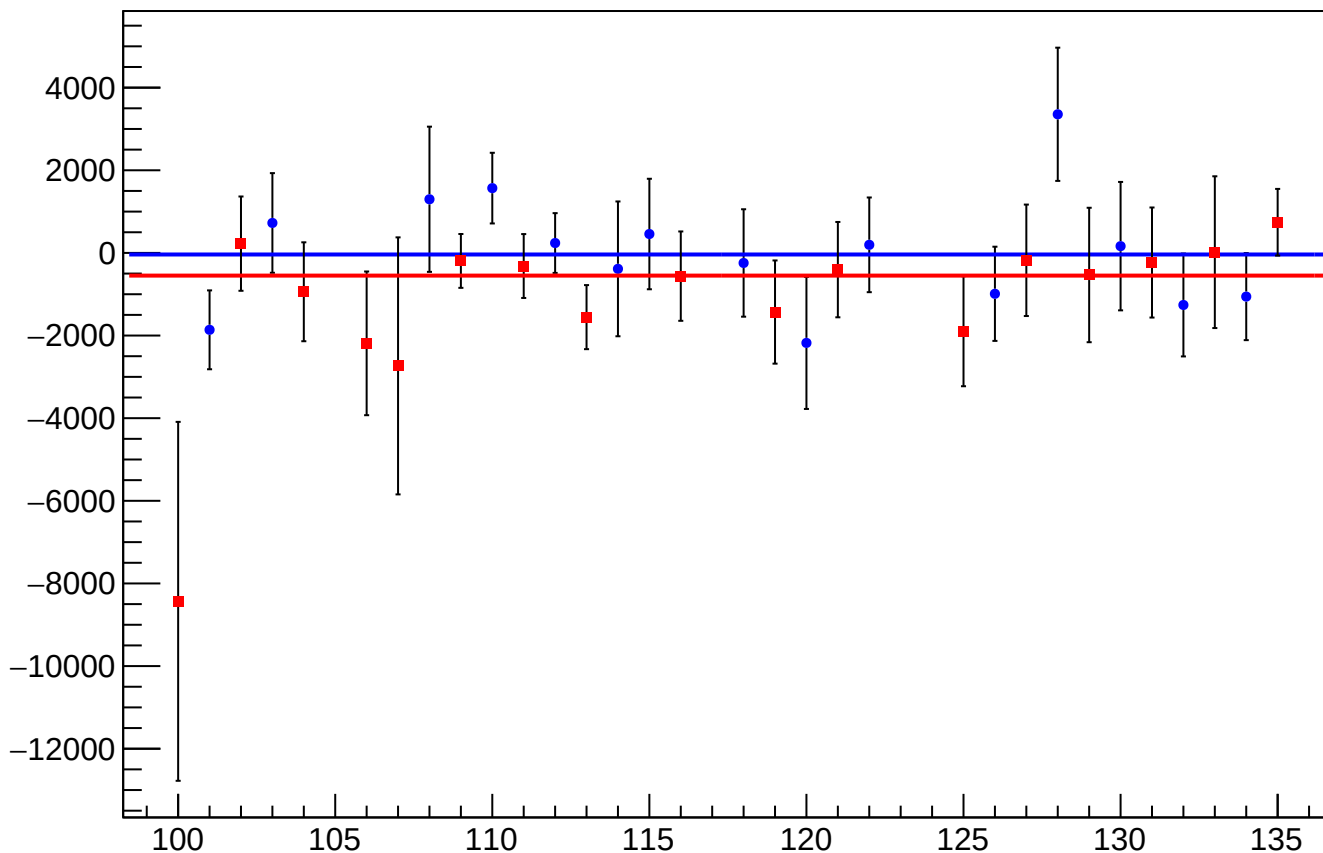
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 779.782 $\pm$ 0.150 χ^2 /NDF: 19882.1/31

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

asym_us_dd_eigen_cor_correction_mean vs Slug



Right In: -38.116+/-299.047 χ^2/NDF : 17.4/14

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

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

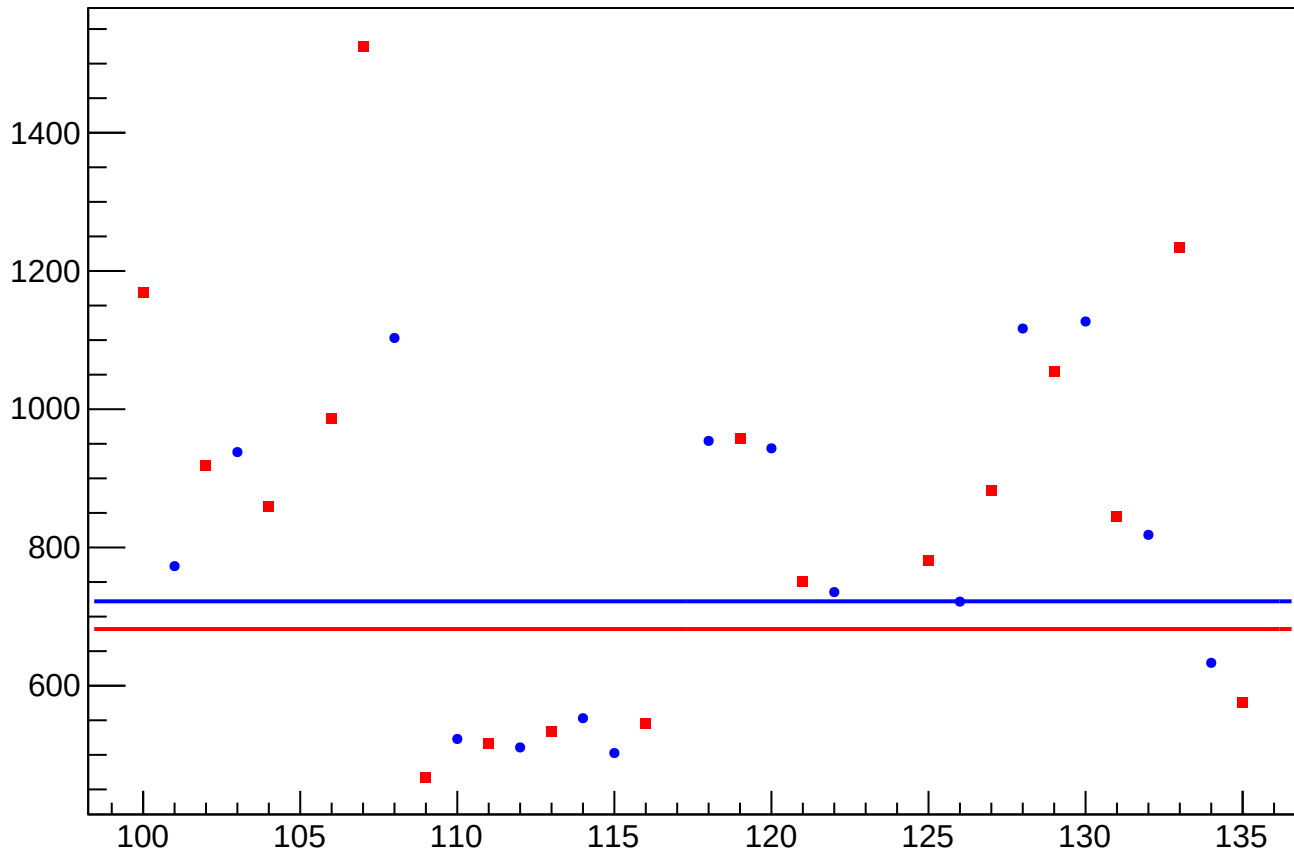
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -320.195+/-200.150 χ^2/NDF : 30.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_correction_rms vs Slug



Right In: 722.123+/-0.211 χ^2/NDF : 902541.9/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

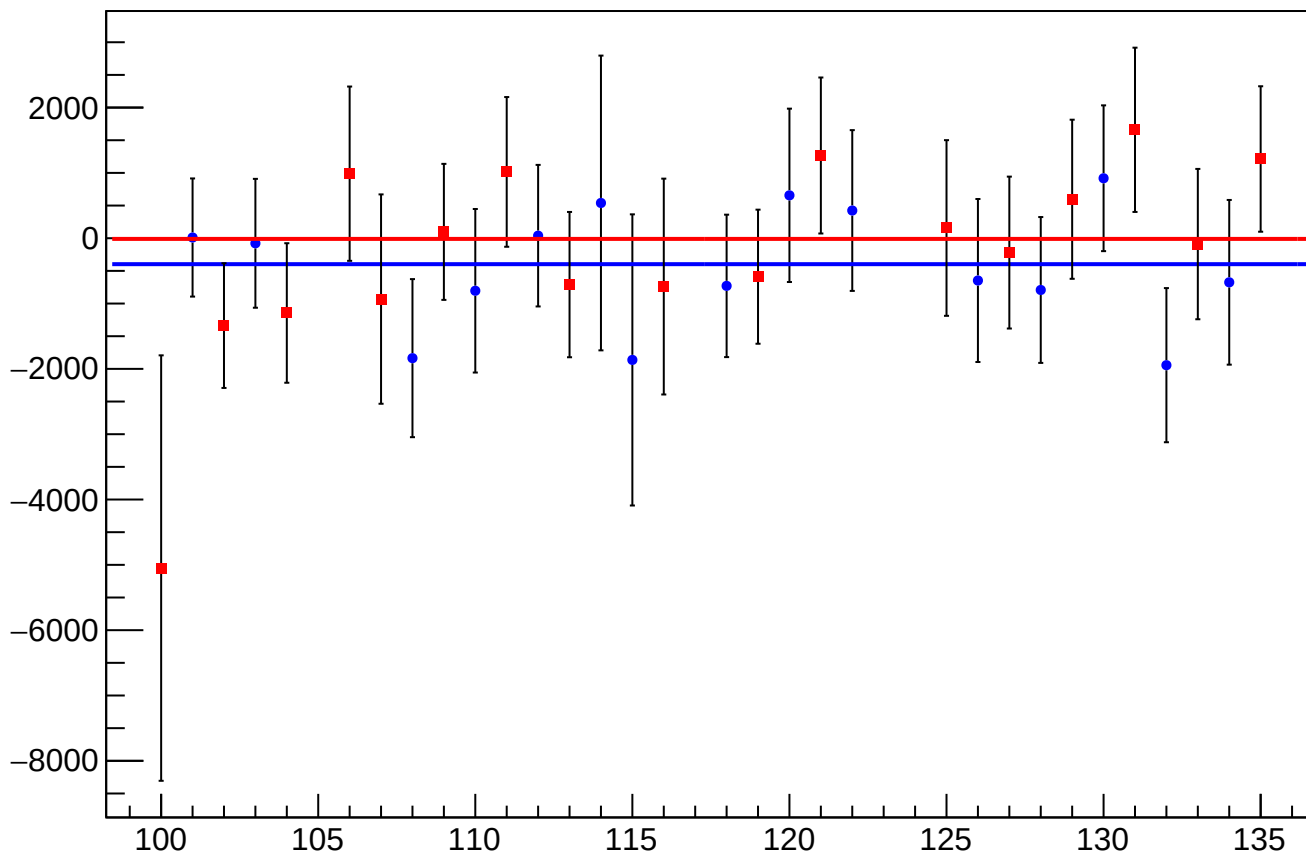
Right Out: 682.042+/-0.190 χ^2/NDF : 1287469.4/16

All: 699.996+/-0.142 χ^2/NDF : 2209844.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_us_dd_mean vs Slug



Right In: -397.257 ± 308.797 χ^2/NDF : 7.1/14

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

Right Out: -10.477 ± 292.448 χ^2/NDF : 12.5/16

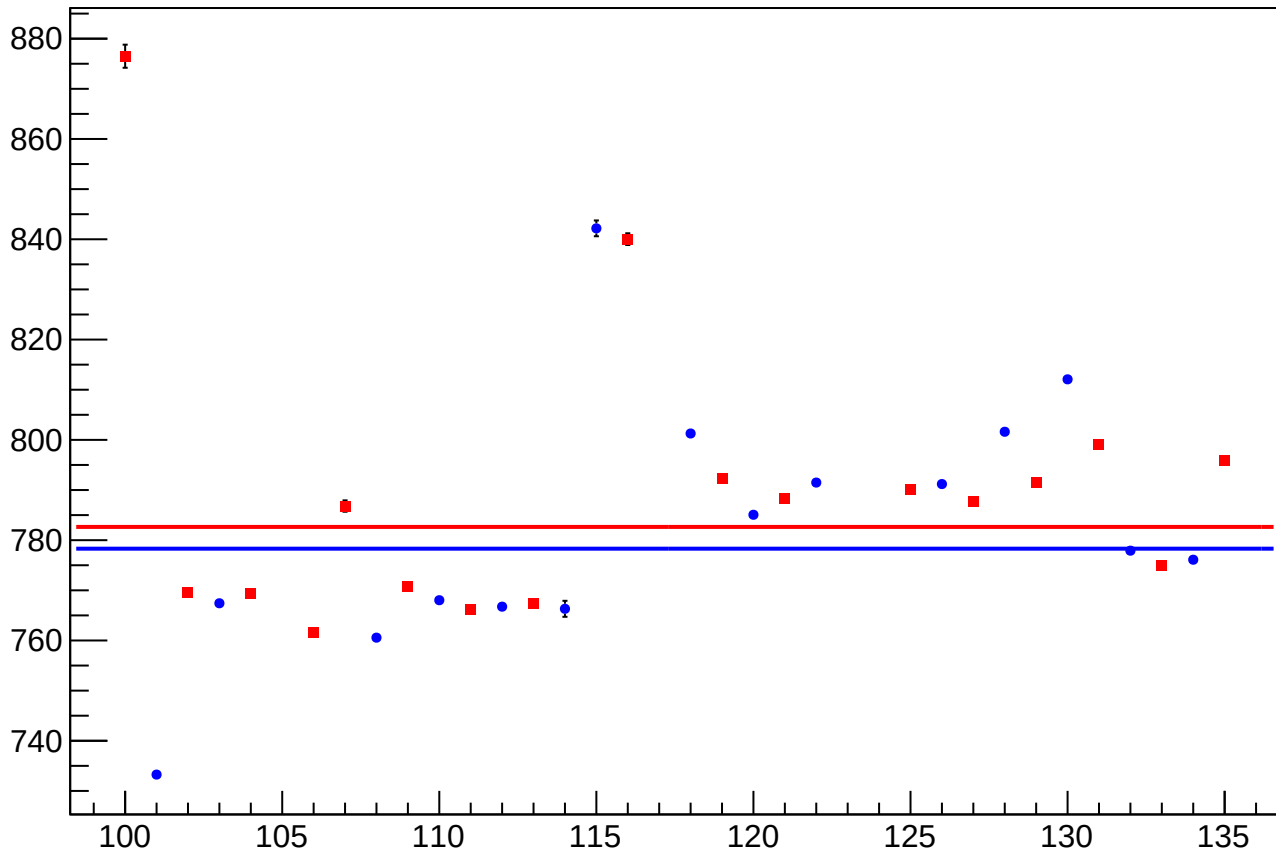
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -193.358 ± 212.337 χ^2/NDF : 20.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_rms vs Slug



Right In: 778.306 $\pm$ 0.218 χ^2 /NDF: 11791.4/14

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

Right Out: 782.644 $\pm$ 0.207 χ^2 /NDF: 7477.4/16

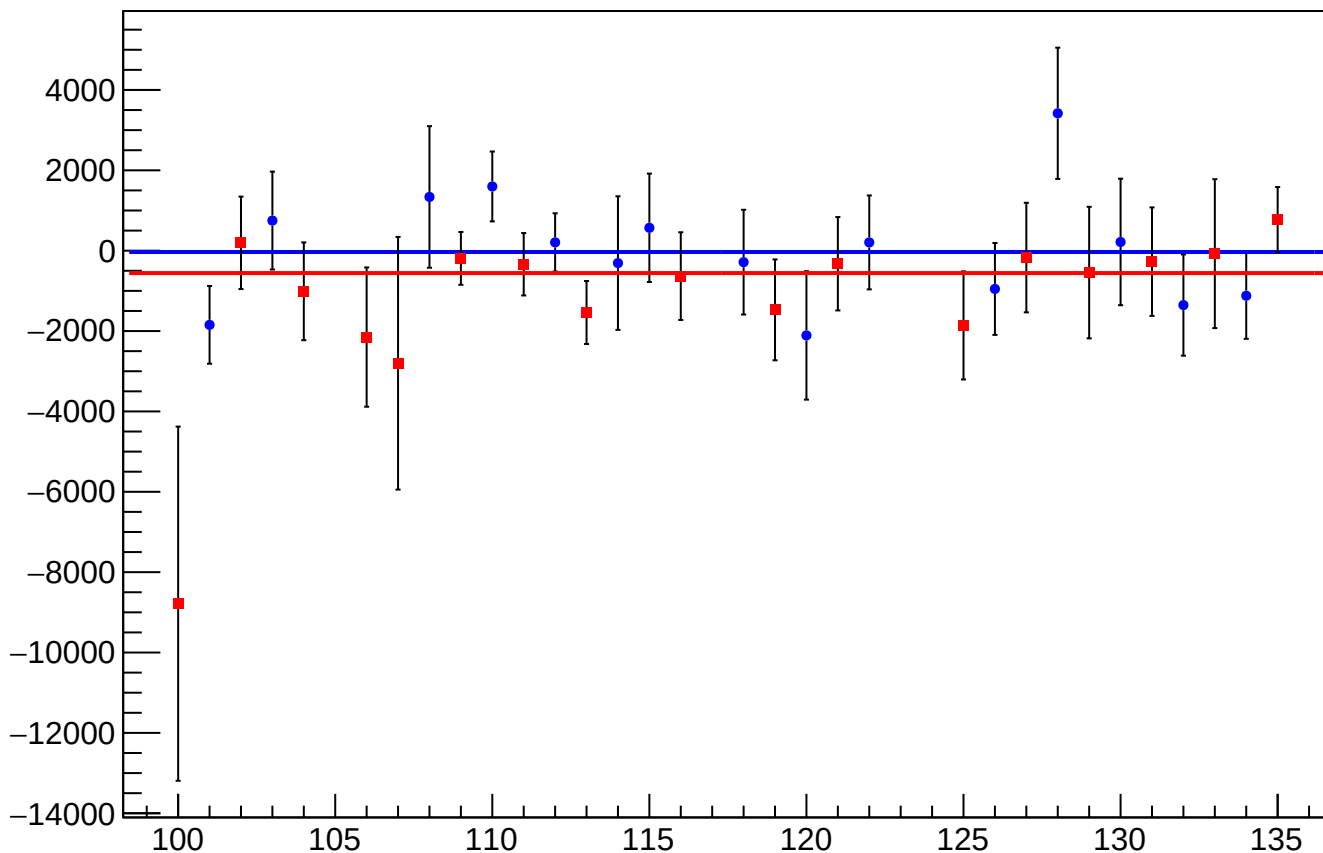
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.593 $\pm$ 0.150 χ^2 /NDF: 19476.8/31

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

asym_us_dd_dit_correction_mean vs Slug



Right In: -32.453 ± 302.021 χ^2/NDF : 17.4/14

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

Right Out: -556.723 ± 271.747 χ^2/NDF : 11.7/16

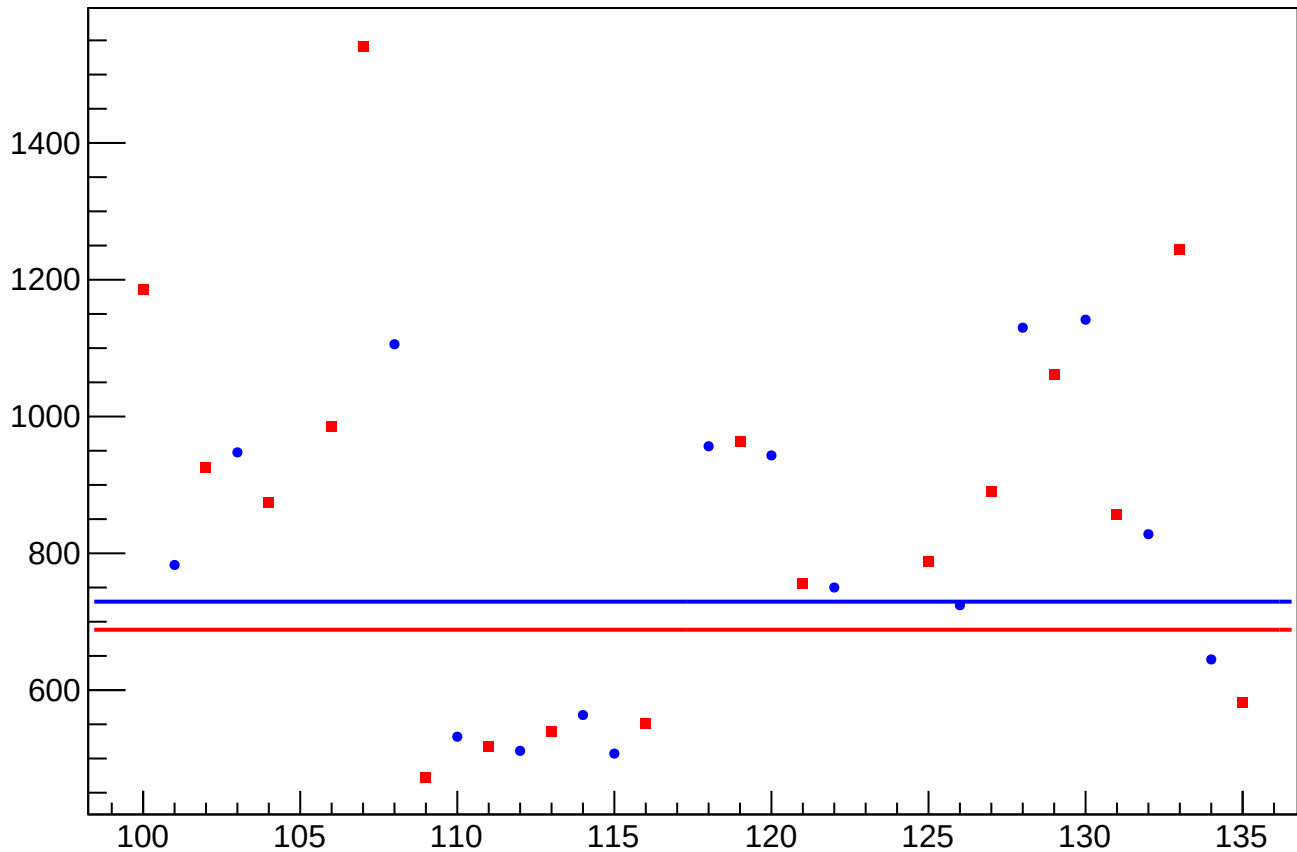
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -322.174 ± 202.012 χ^2/NDF : 30.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_correction_rms vs Slug



Right In: 729.355 ± 0.214 χ^2/NDF : 900024.0/14

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

Right Out: 688.269 ± 0.192 χ^2/NDF : 1286827.8/16

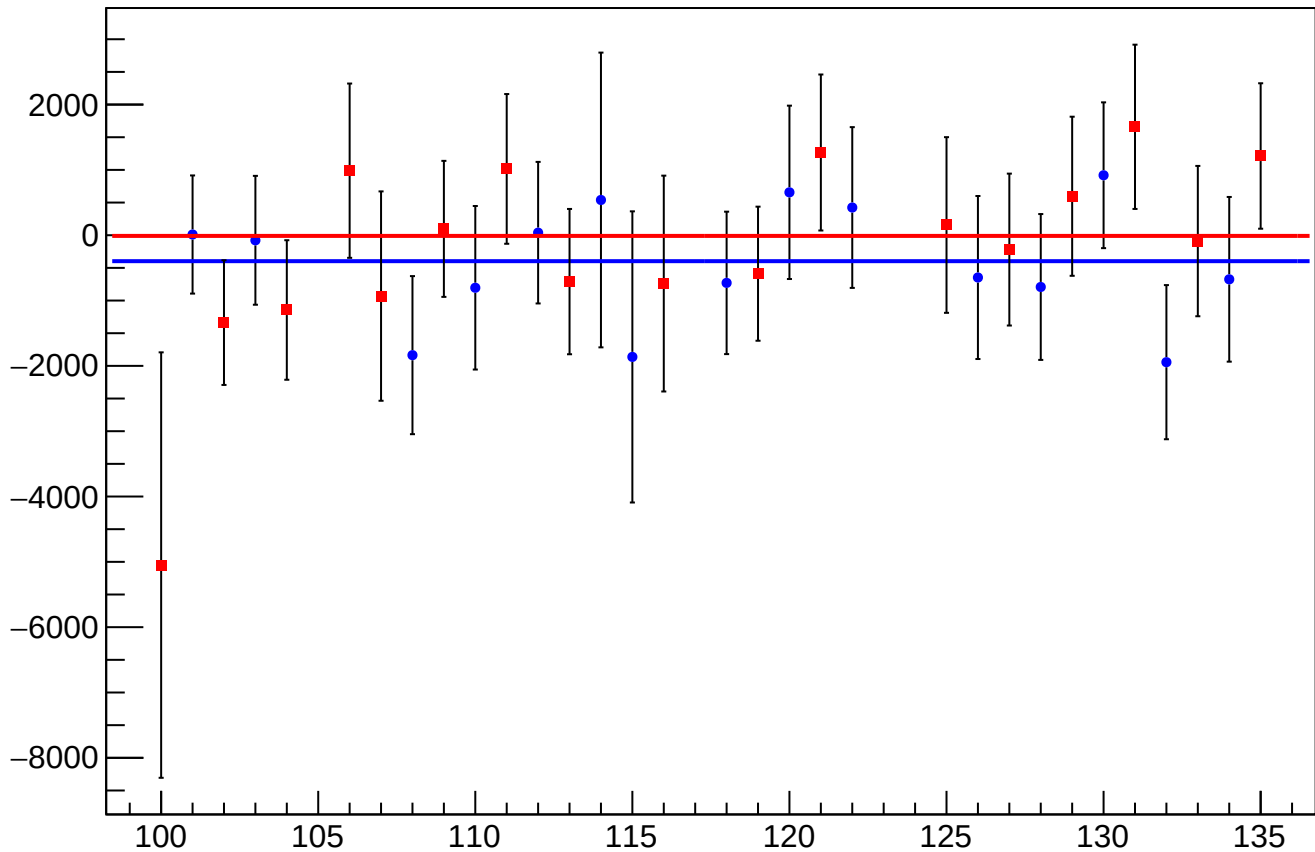
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 706.650 ± 0.143 χ^2/NDF : 2207305.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_mean vs Slug



Right In: -397.258+/-308.797 χ^2 /NDF: 7.1/14

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

Right Out: -10.475+/-292.448 χ^2 /NDF: 12.5/16

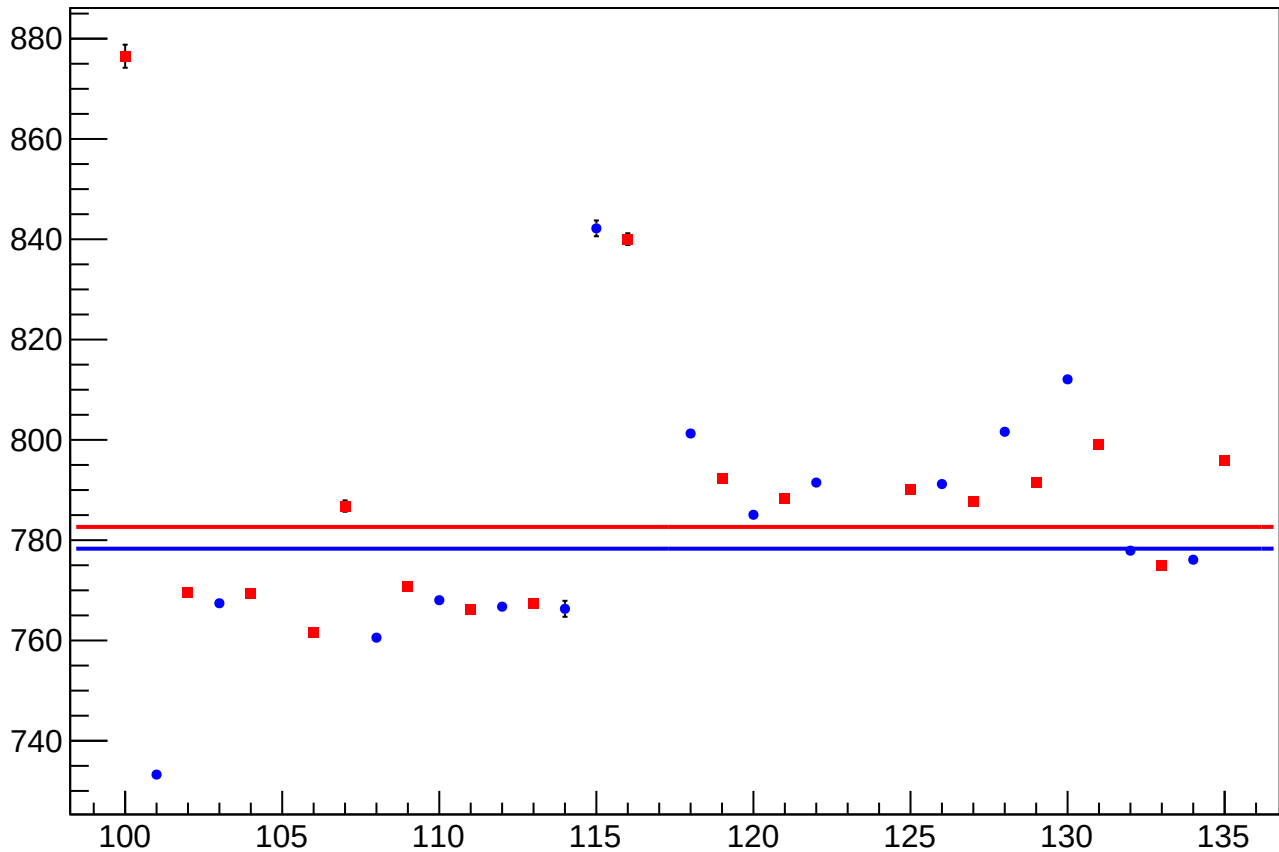
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -193.357+/-212.337 χ^2 /NDF: 20.4/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_rms vs Slug



Right In: 778.306 $\pm$ 0.218 χ^2 /NDF: 11791.3/14

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

Right Out: 782.644 $\pm$ 0.207 χ^2 /NDF: 7477.4/16

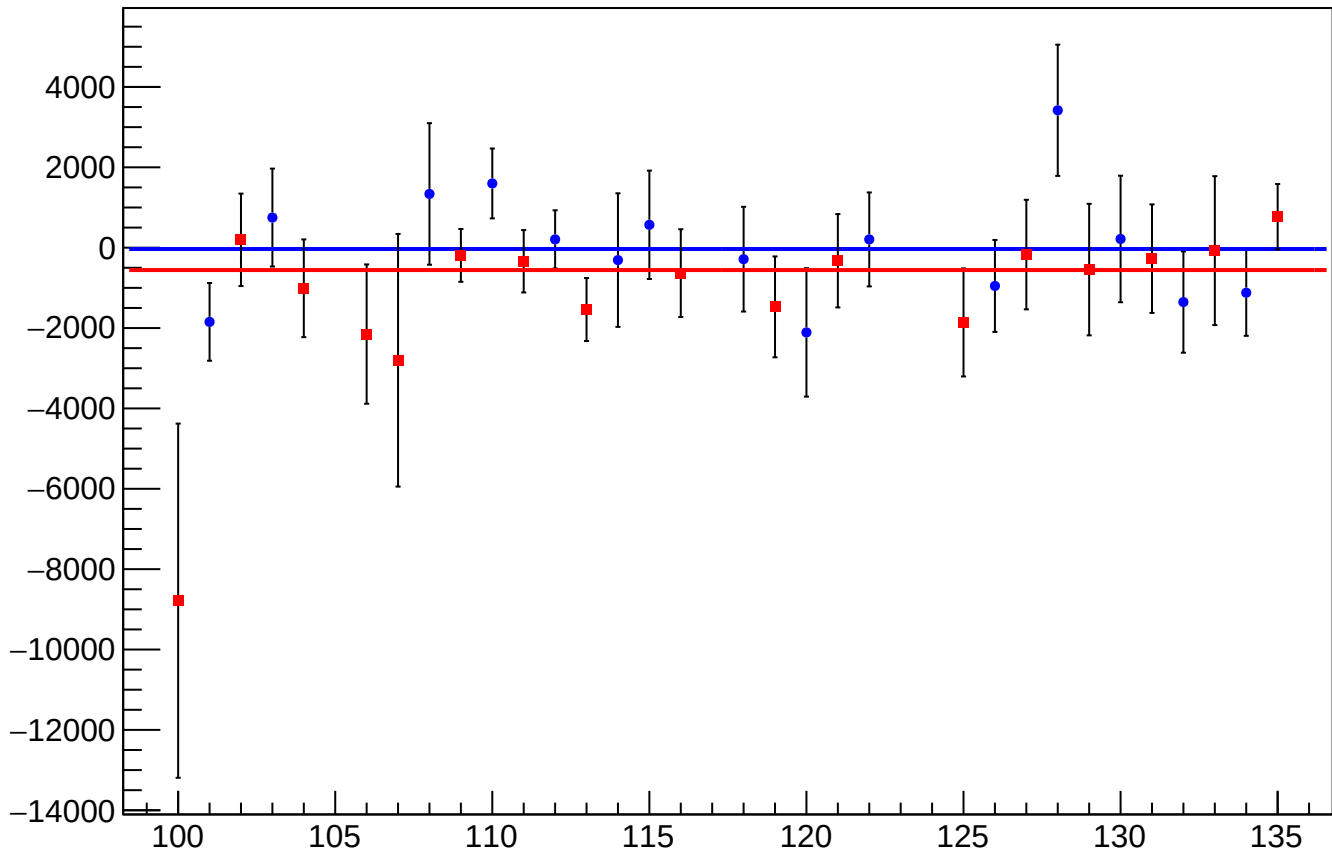
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 780.593 $\pm$ 0.150 χ^2 /NDF: 19476.8/31

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

asym_us_dd_eigen_dit_correction_mean vs Slug



Right In: -32.451 ± 302.020 χ^2/NDF : 17.4/14

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

Right Out: -556.721 ± 271.745 χ^2/NDF : 11.7/16

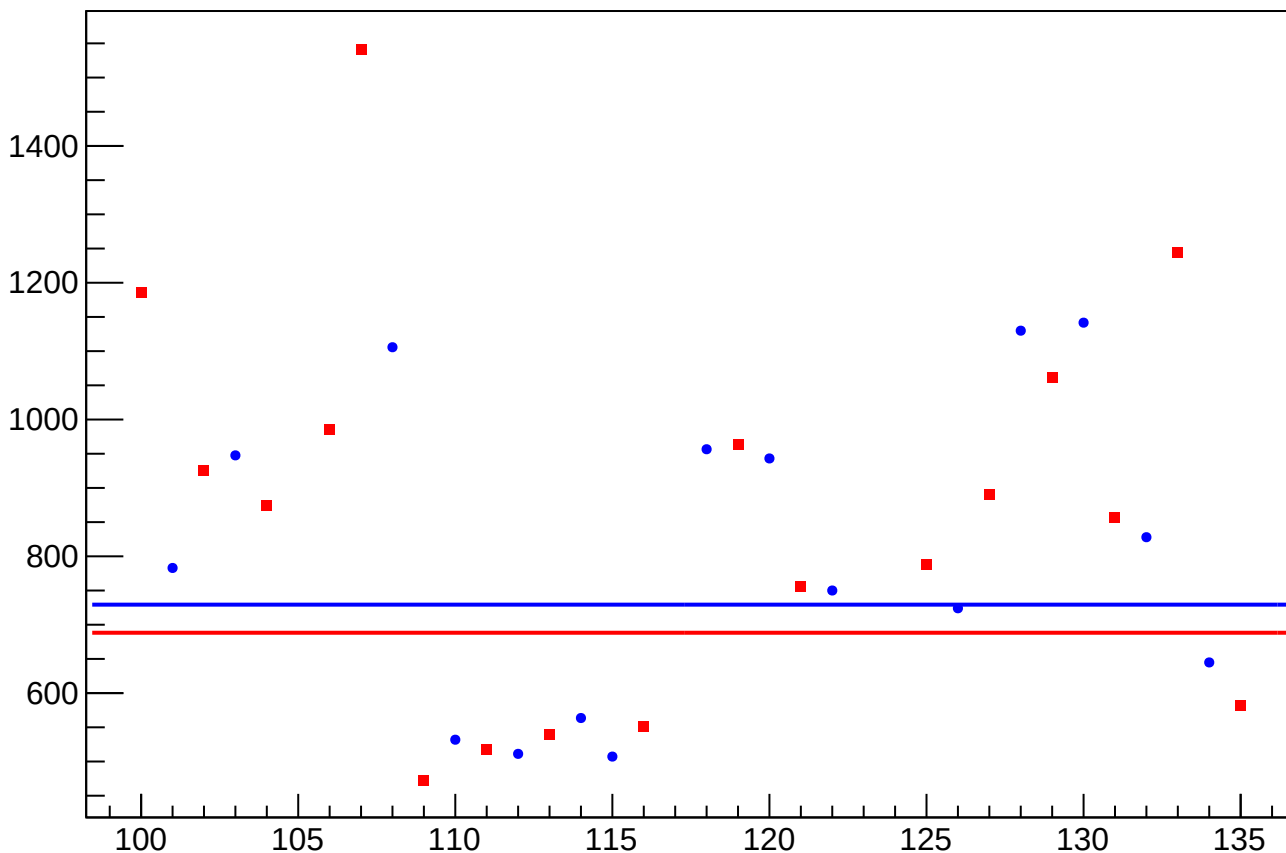
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -322.172 ± 202.011 χ^2/NDF : 30.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_correction_rms vs Slug



Right In: 729.350+/-0.214 χ^2/NDF : 900040.8/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

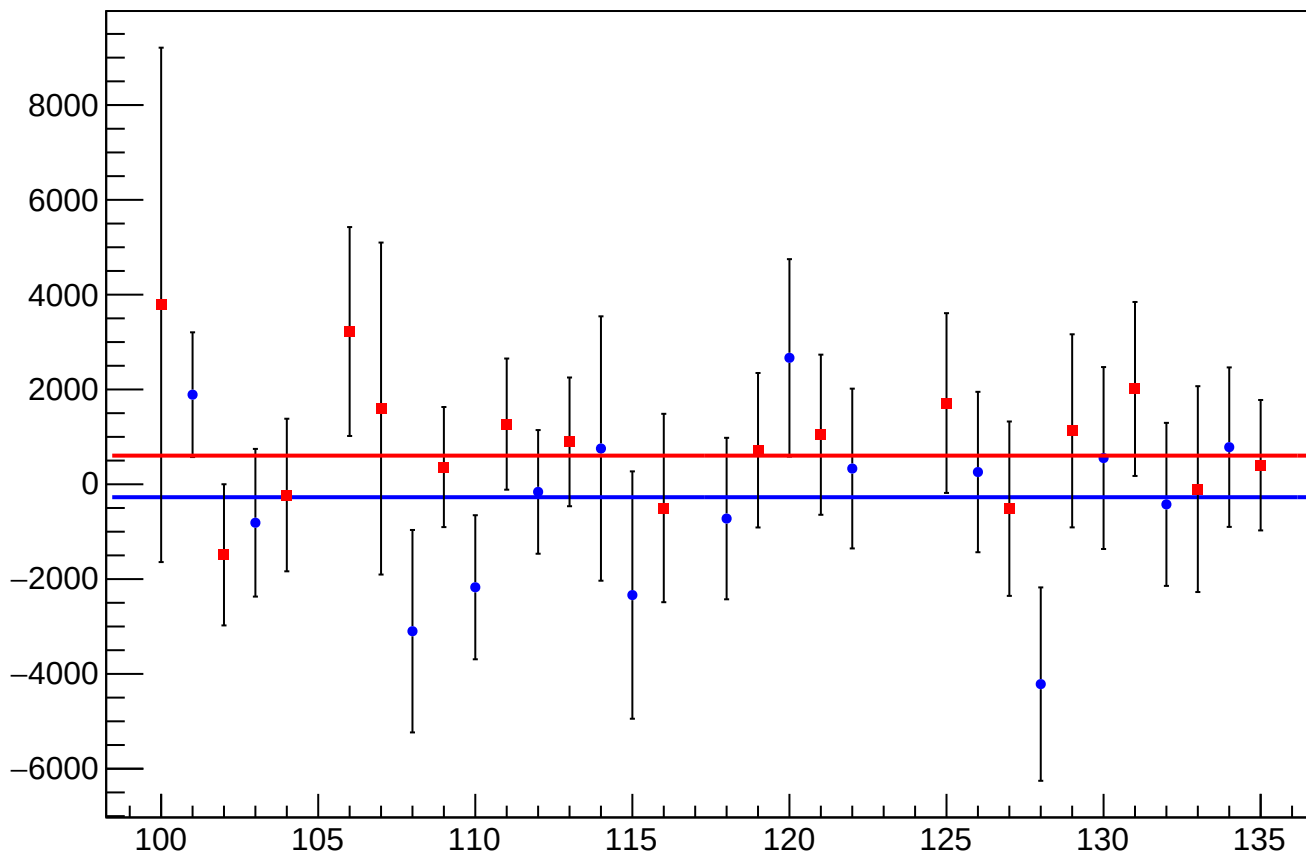
Right Out: 688.265+/-0.192 χ^2/NDF : 1286848.6/16

All: 706.646+/-0.143 χ^2/NDF : 2207342.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_dd_mean vs Slug



Right In: -272.560+/-447.845 χ^2/NDF : 13.5/14

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

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

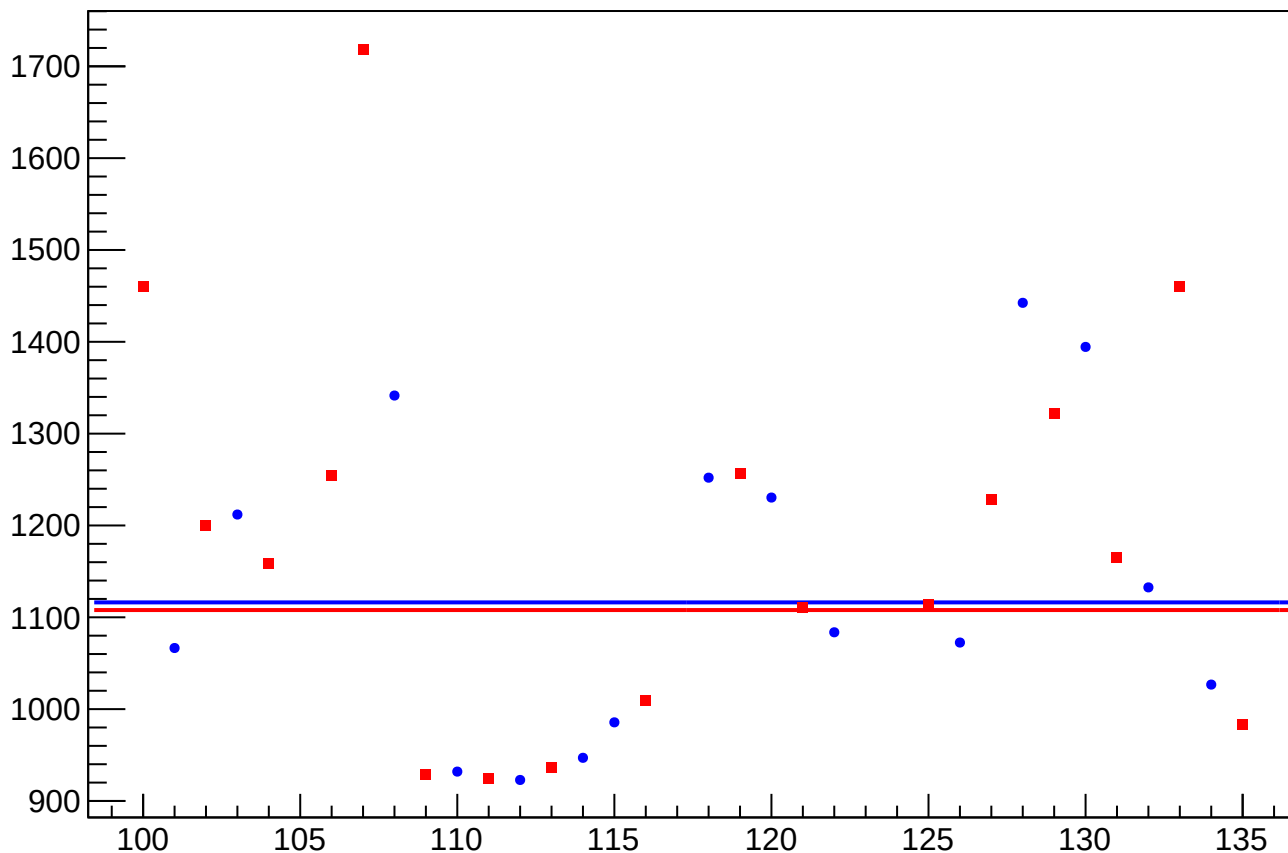
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.561+/-306.199 χ^2/NDF : 21.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_rms vs Slug



Right In: 1116.235+/-0.317 χ^2/NDF : 238243.7/14

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

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

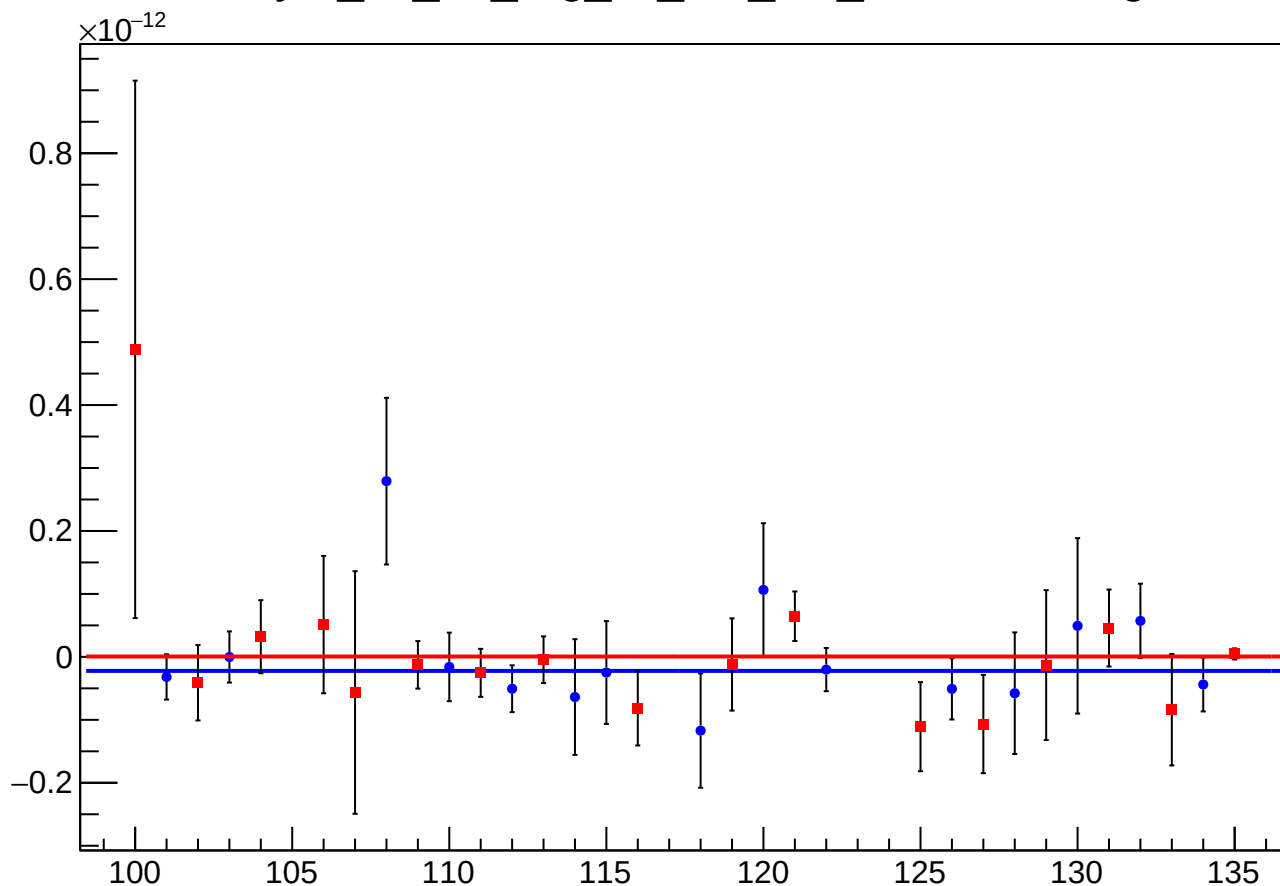
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1111.793+/-0.217 χ^2/NDF : 556150.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.7/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.7/16

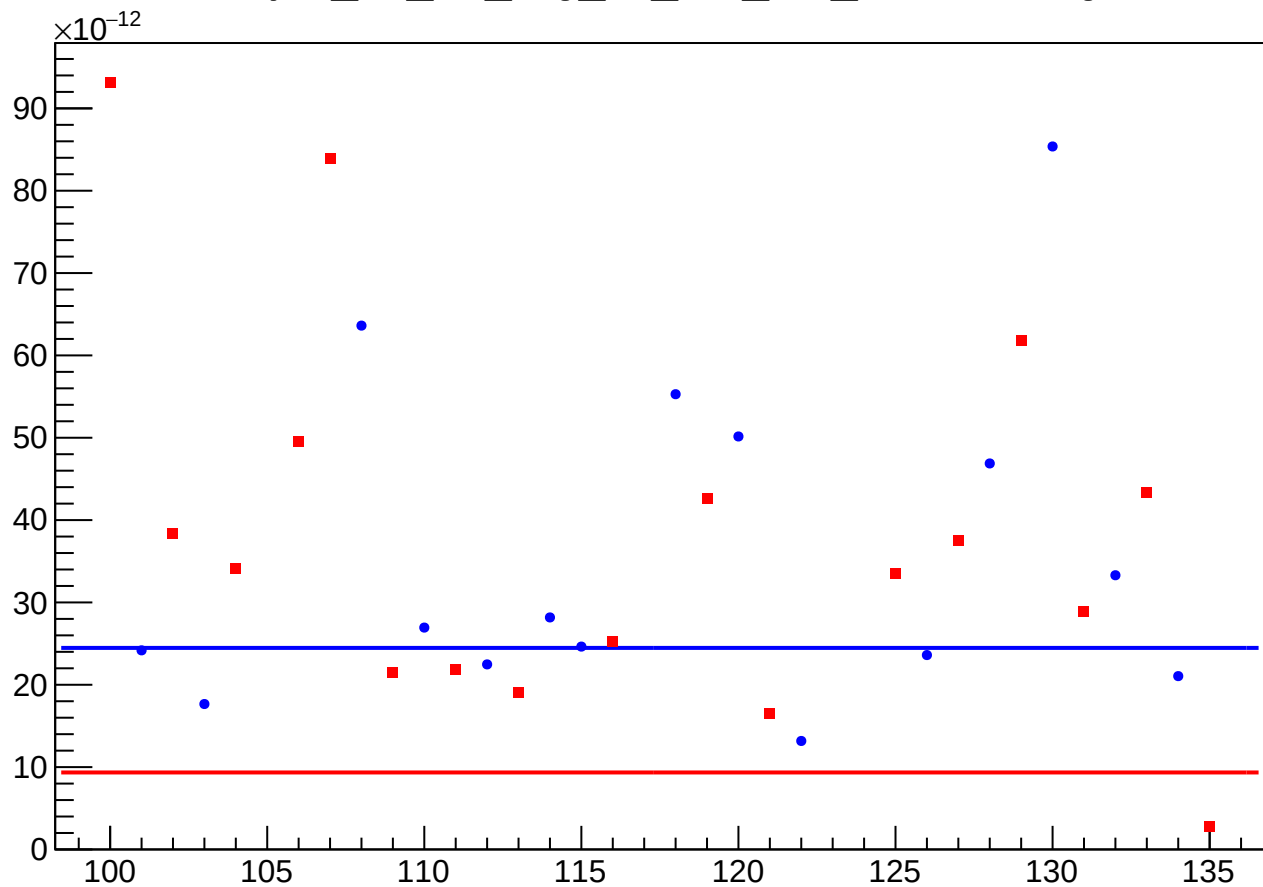
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1356483.0/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 5140379.5/16

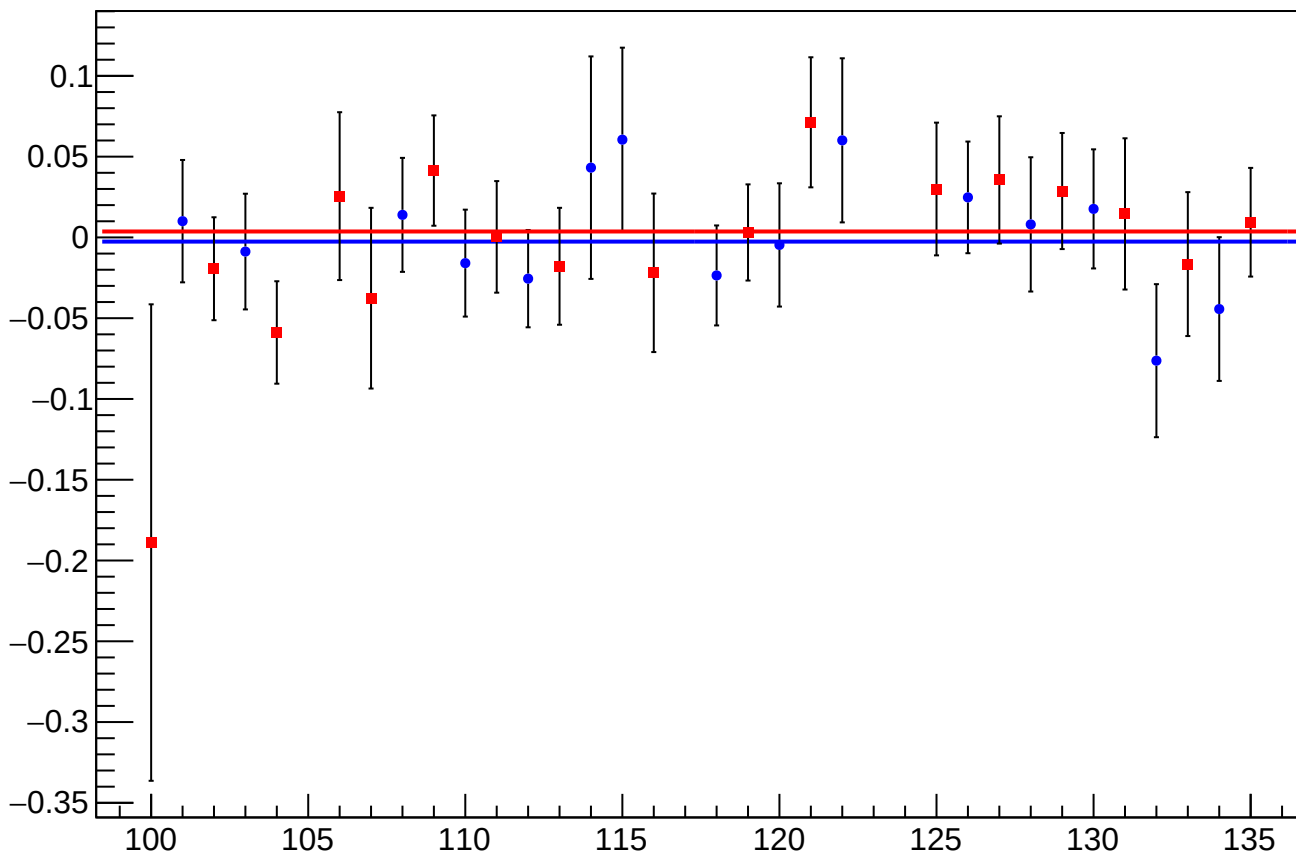
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8343258.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 ± 0.010 χ^2/NDF : 9.1/14

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

Right Out: 0.004 ± 0.009 χ^2/NDF : 13.4/16

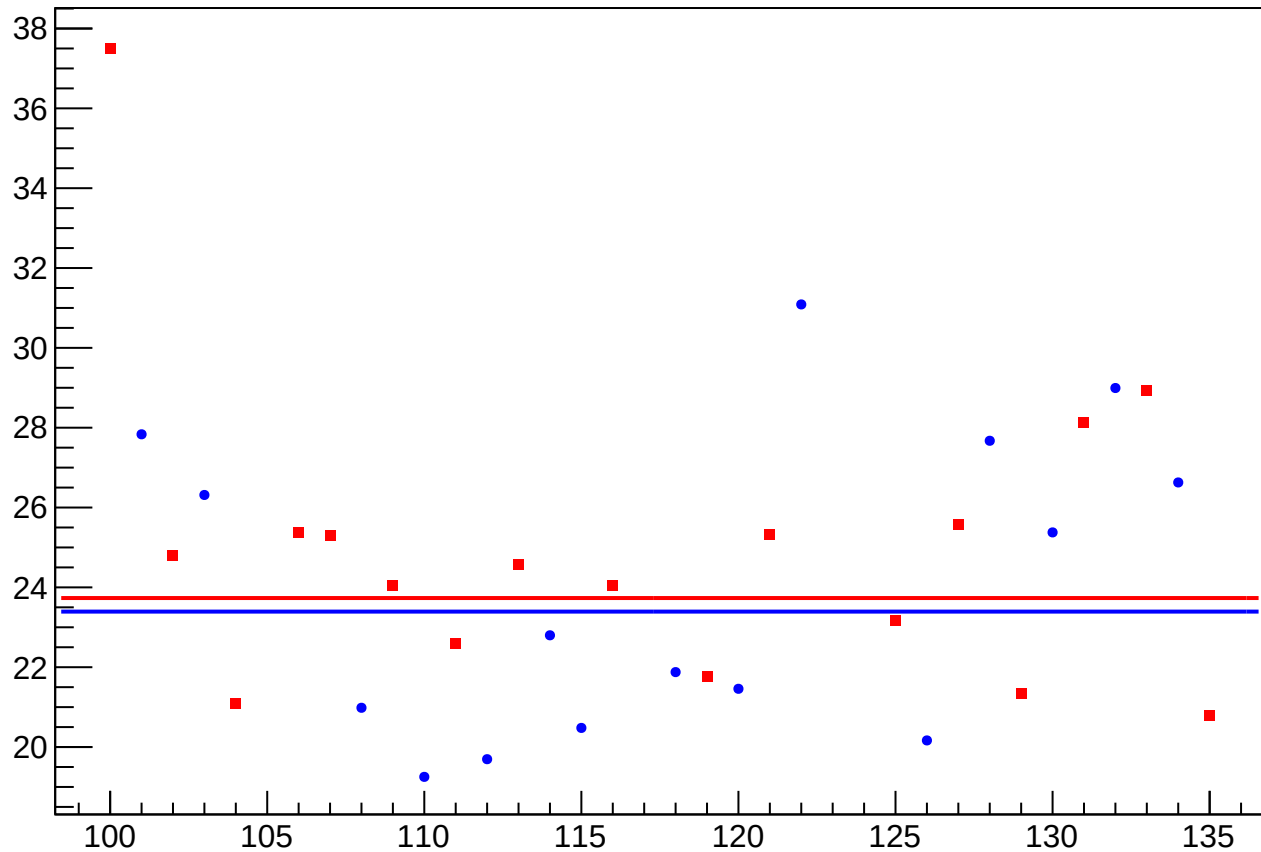
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.007 χ^2/NDF : 22.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.393+/-0.007 χ^2/NDF : 255773.1/14

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

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

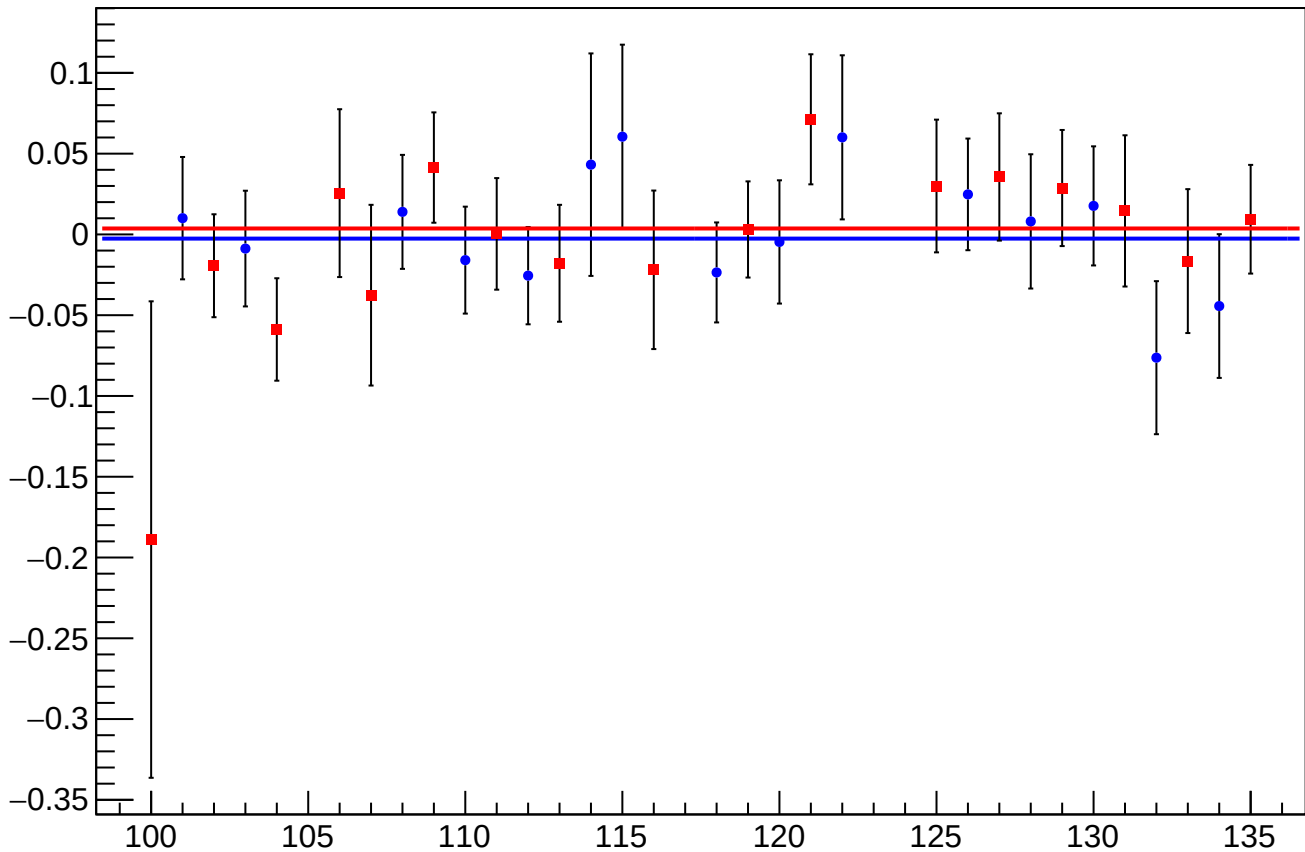
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.572+/-0.005 χ^2/NDF : 383134.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.010 χ^2/NDF : 9.1/14

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

Right Out: 0.004+/-0.009 χ^2/NDF : 13.4/16

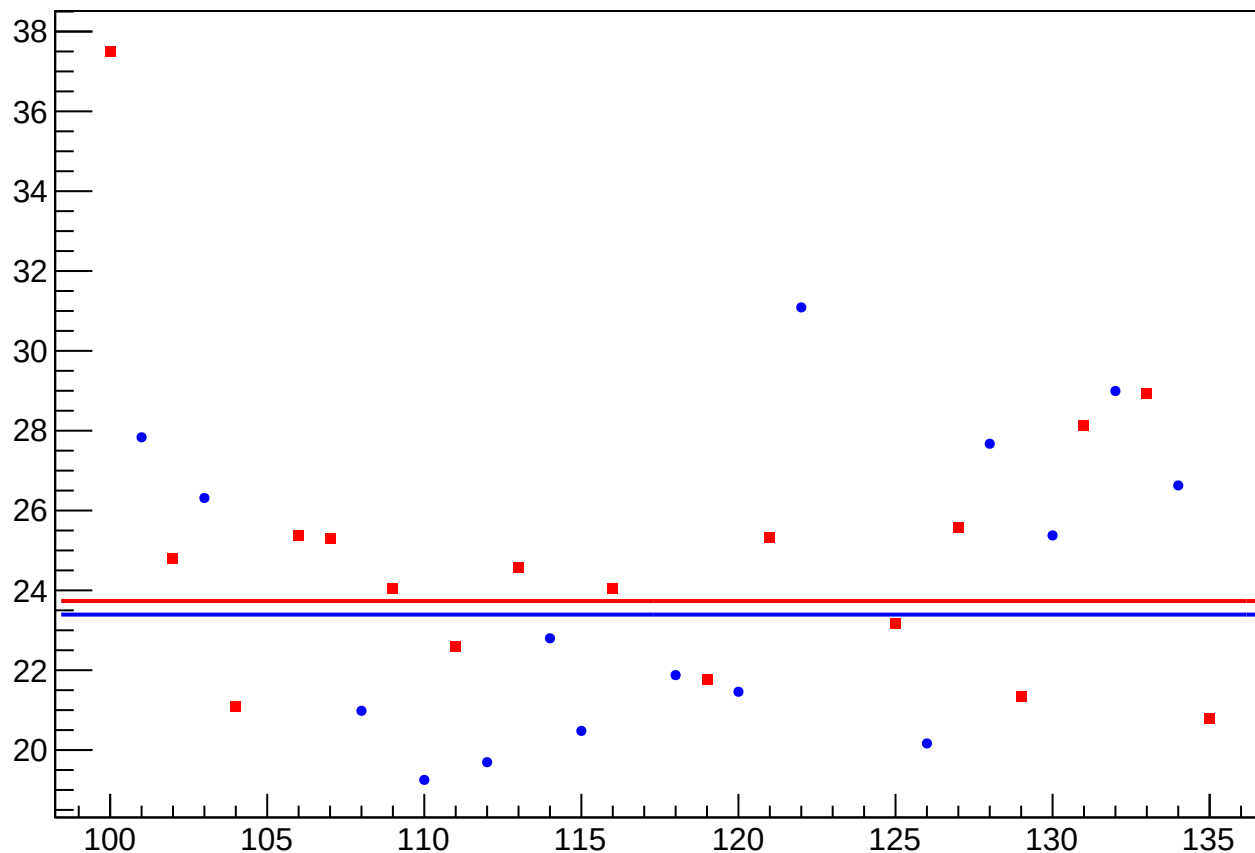
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 22.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.393+/-0.007 χ^2/NDF : 255773.1/14

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

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

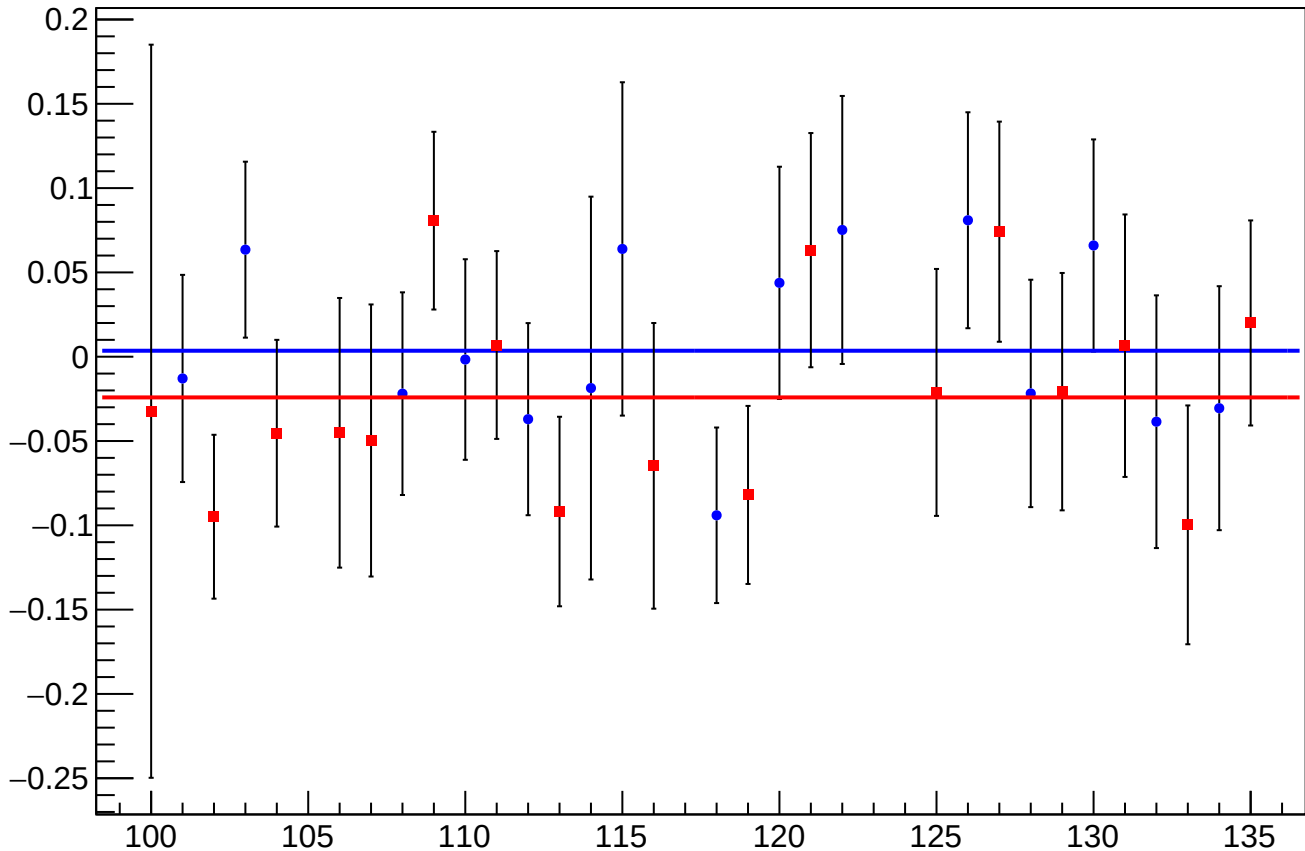
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.572+/-0.005 χ^2/NDF : 383134.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.017 χ^2 /NDF: 10.3/14

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

Right Out: -0.024 $\pm$ 0.016 χ^2 /NDF: 15.3/16

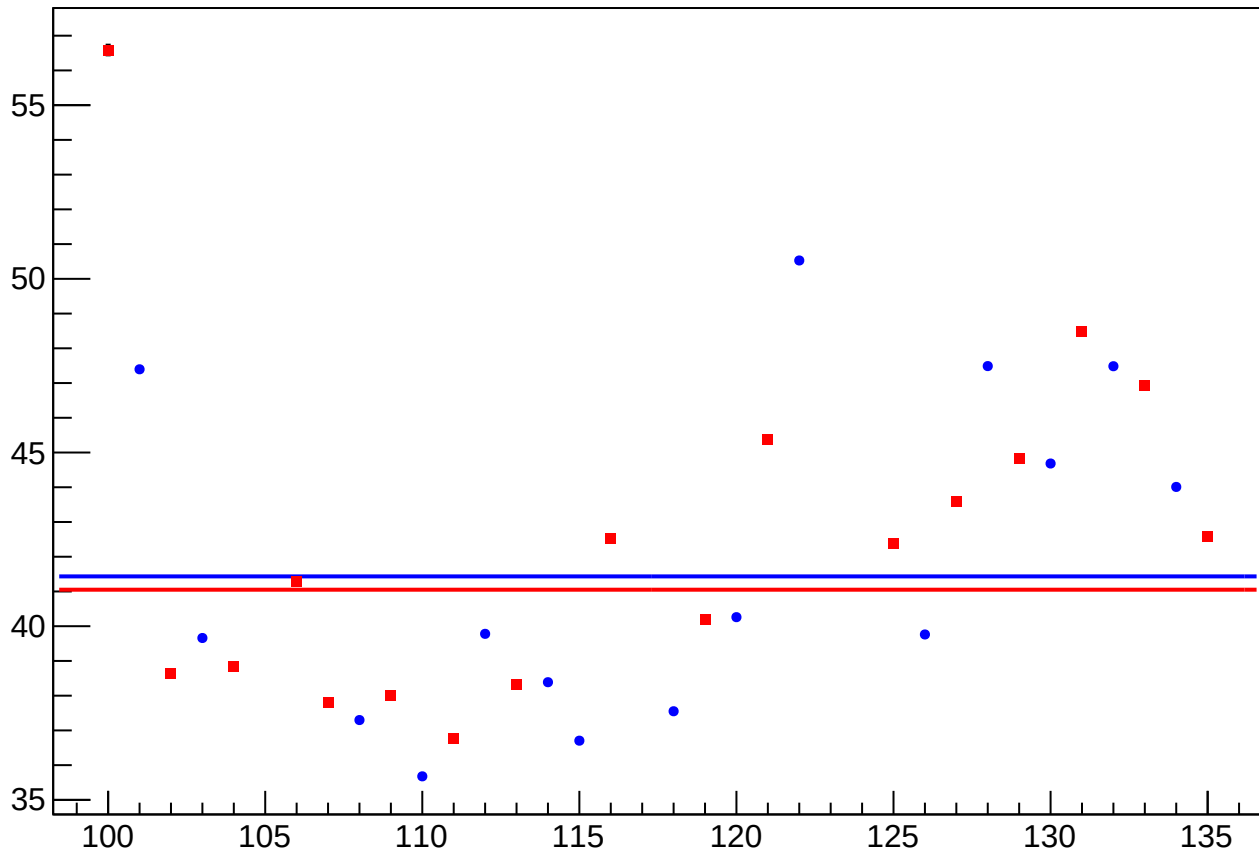
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: -0.011 $\pm$ 0.012 χ^2 /NDF: 27.0/31

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

asym_us_dd_dit_vs_overload_cor_diff_rms vs Slug



Right In: 41.434+/-0.012 χ^2/NDF : 133325.2/14

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

Right Out: 41.051+/-0.011 χ^2/NDF : 96555.9/16

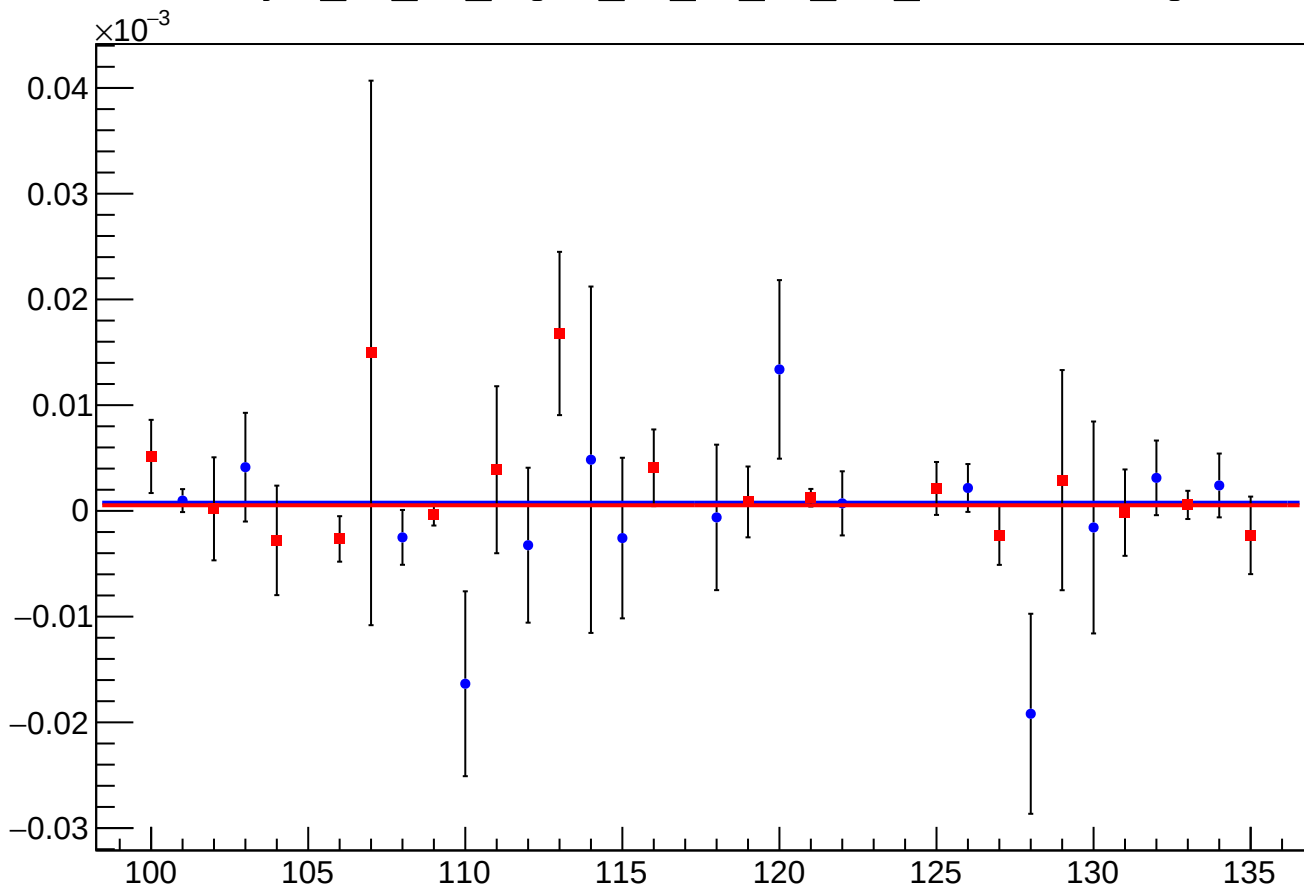
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.229+/-0.008 χ^2/NDF : 230432.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/16

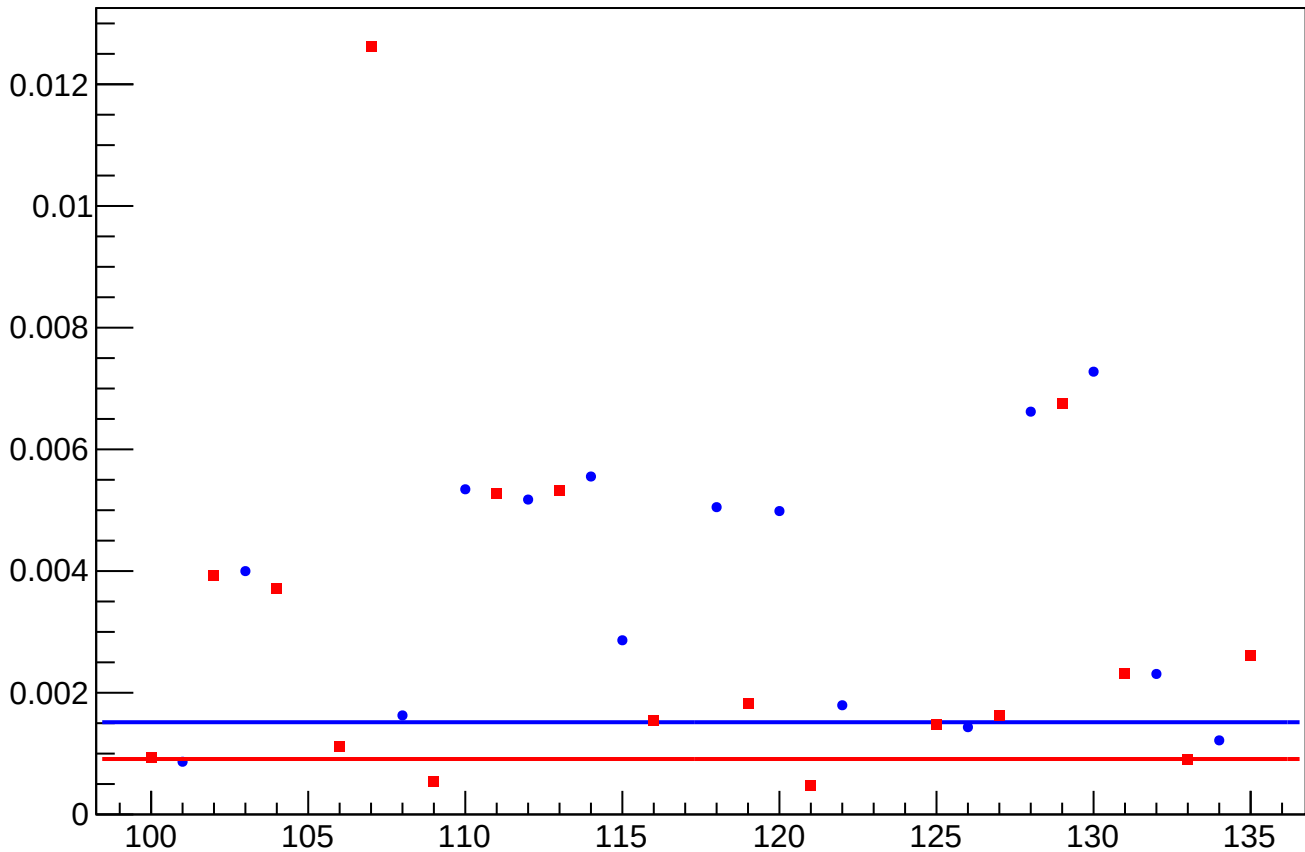
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.4/31

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

asym_us_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 4500982.2/14

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

Right Out: 0.001+/-0.000 χ^2/NDF : 5608825.1/16

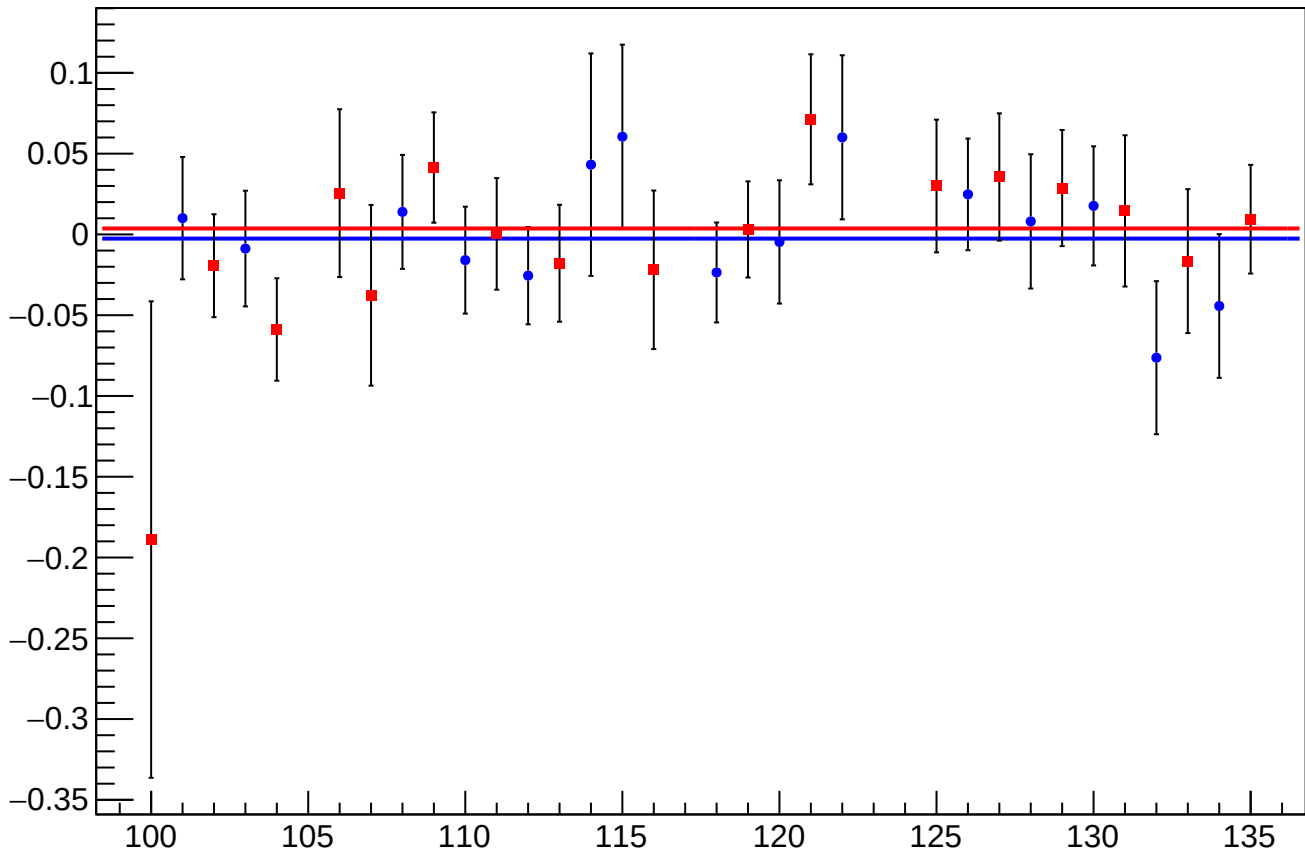
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10960076.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.010 χ^2/NDF : 9.1/14

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

Right Out: 0.004+/-0.009 χ^2/NDF : 13.4/16

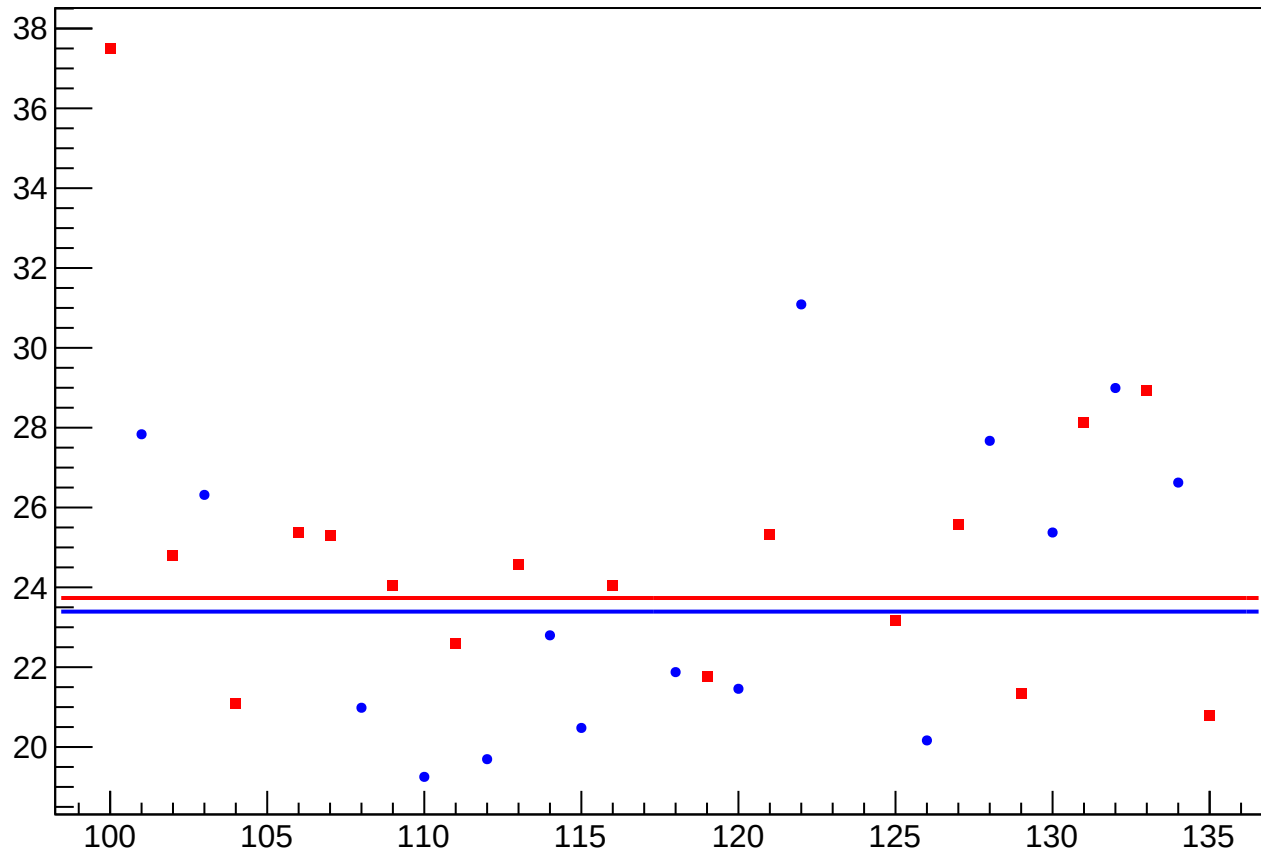
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 22.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

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

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

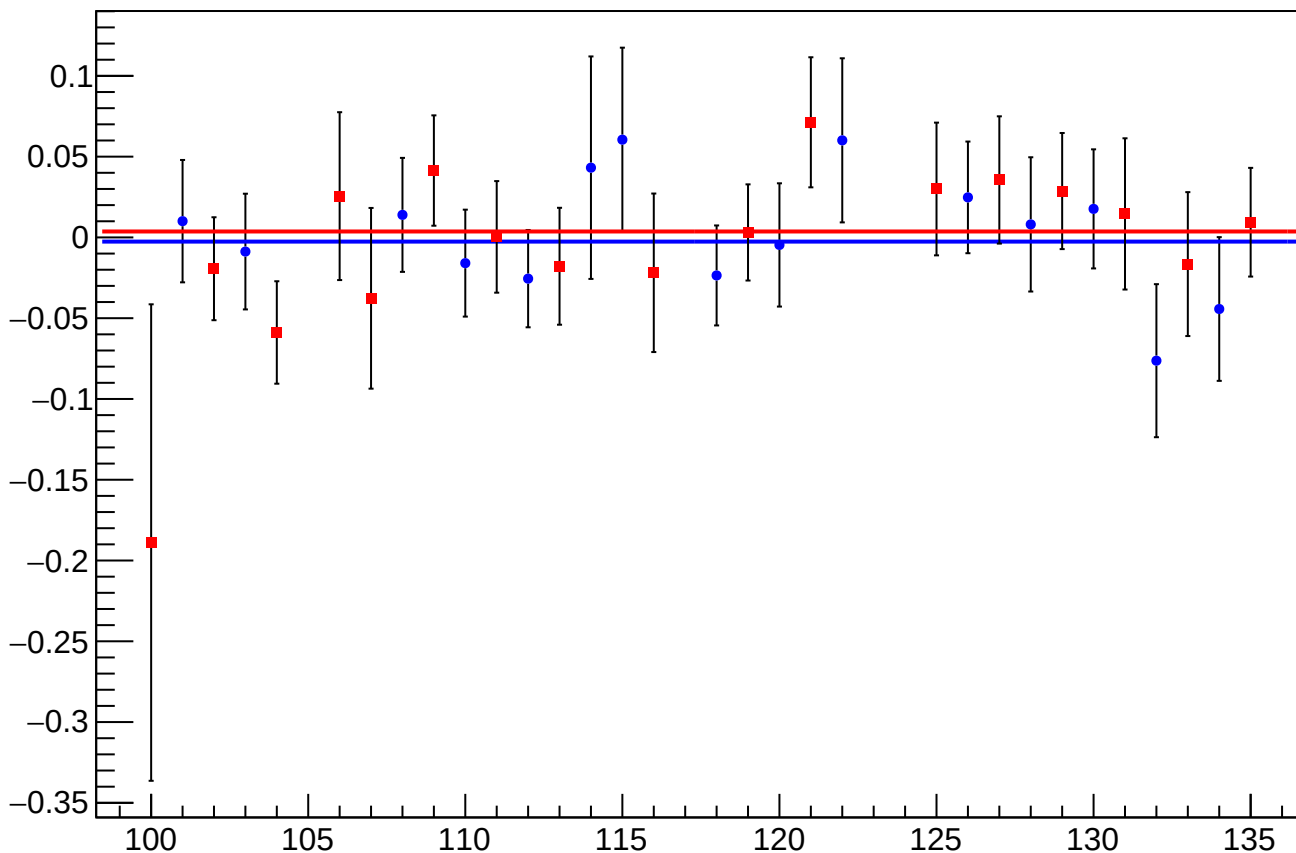
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.572+/-0.005 χ^2/NDF : 383086.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.010 χ^2/NDF : 9.1/14

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

Right Out: 0.004+/-0.009 χ^2/NDF : 13.4/16

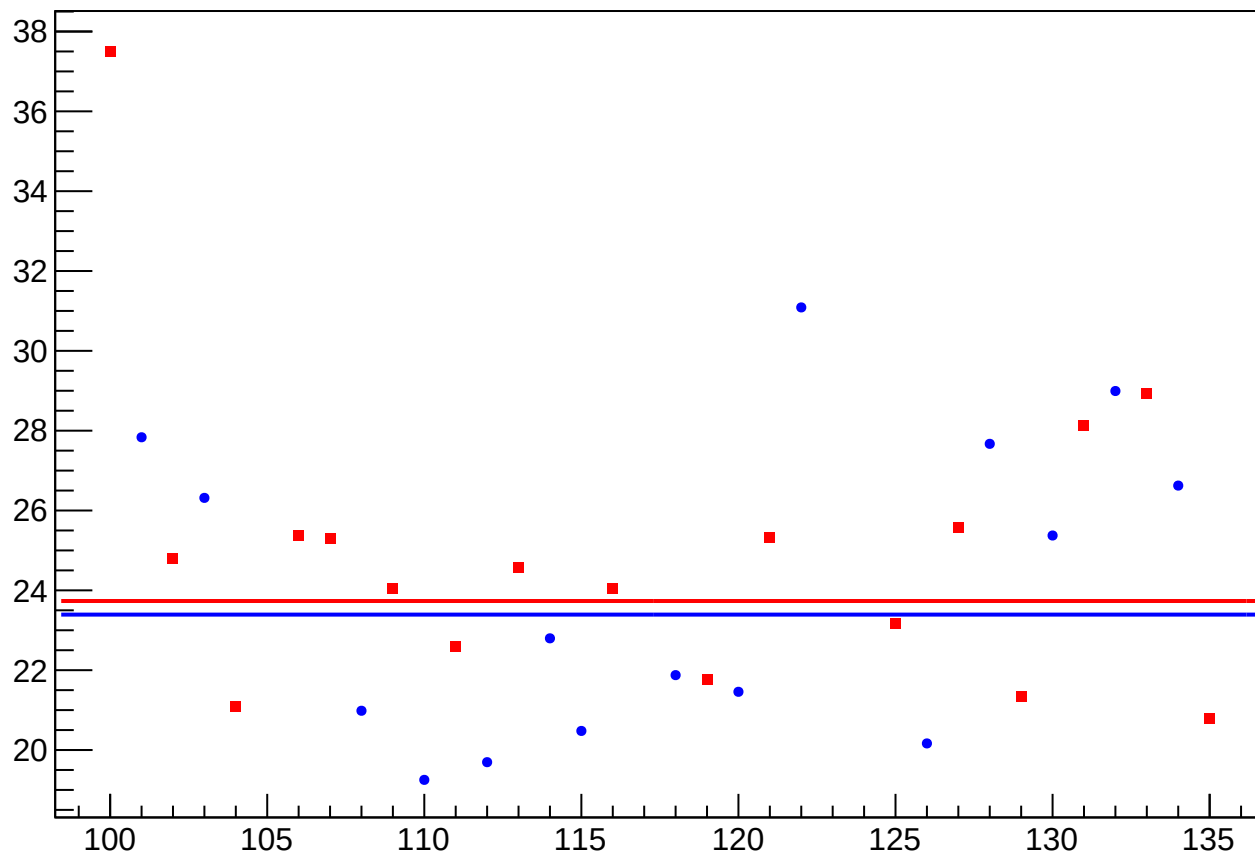
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 22.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.392+/-0.007 χ^2/NDF : 255768.8/14

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

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

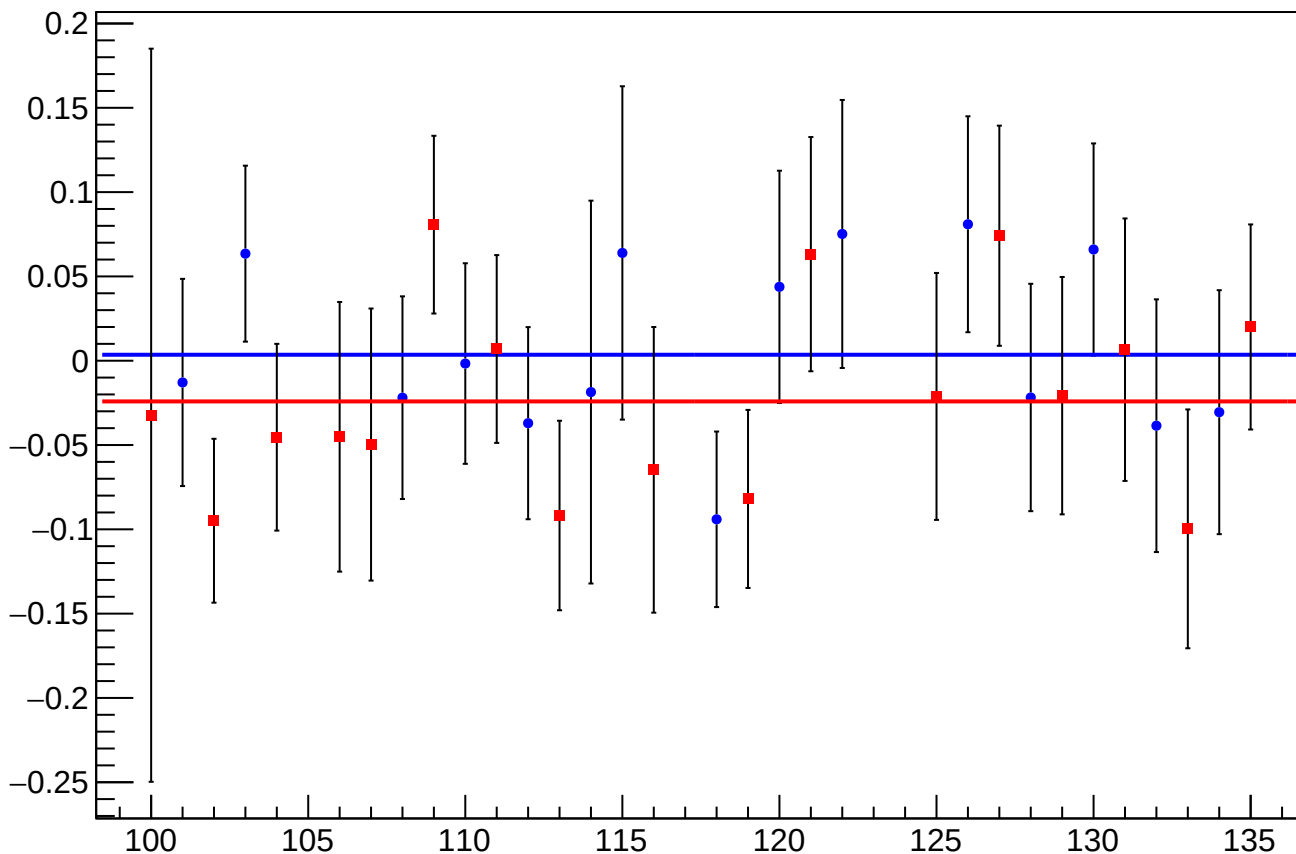
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.572+/-0.005 χ^2/NDF : 383086.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.017 χ^2 /NDF: 10.3/14

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

Right Out: -0.024 $\pm$ 0.016 χ^2 /NDF: 15.3/16

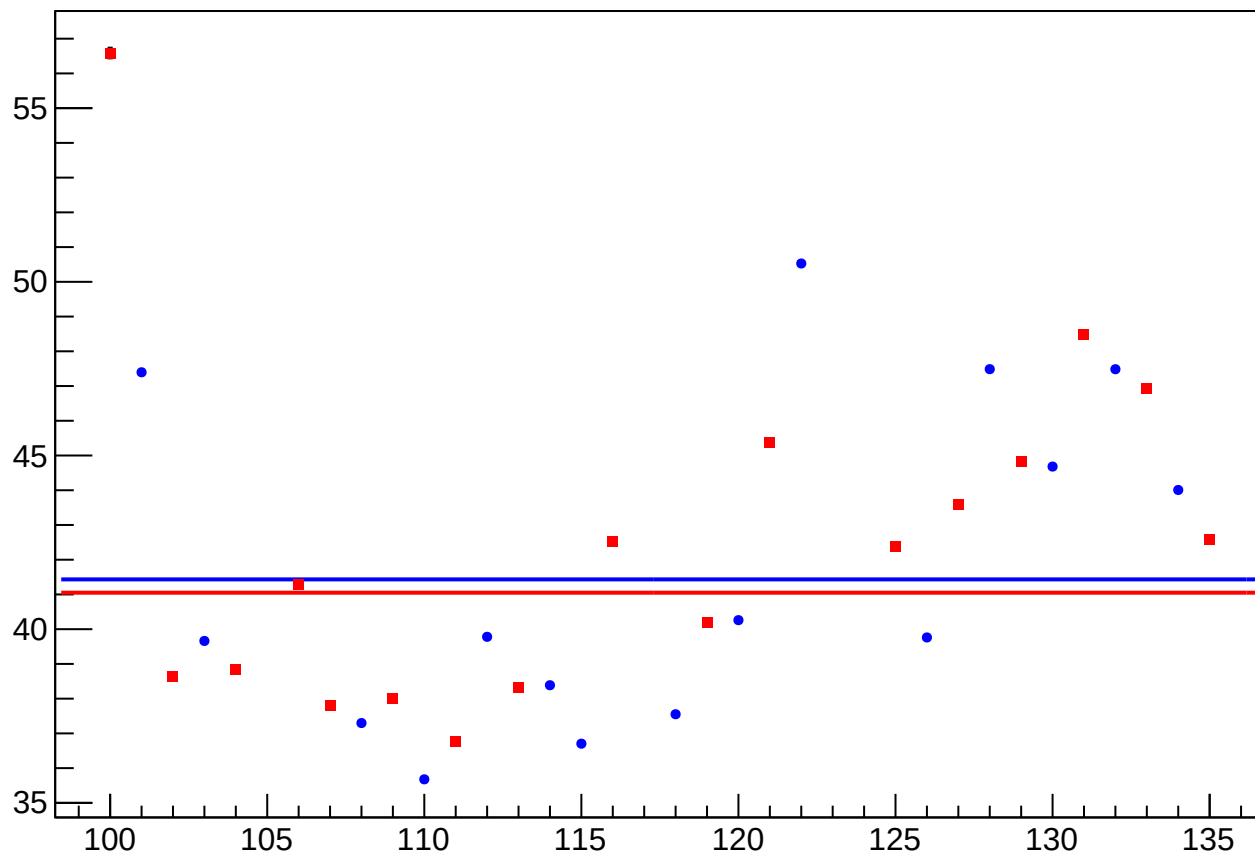
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.011 $\pm$ 0.012 χ^2 /NDF: 27.0/31

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

asym_us_dd_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 41.434+/-0.012 χ^2/NDF : 133304.4/14

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

Right Out: 41.051+/-0.011 χ^2/NDF : 96544.7/16

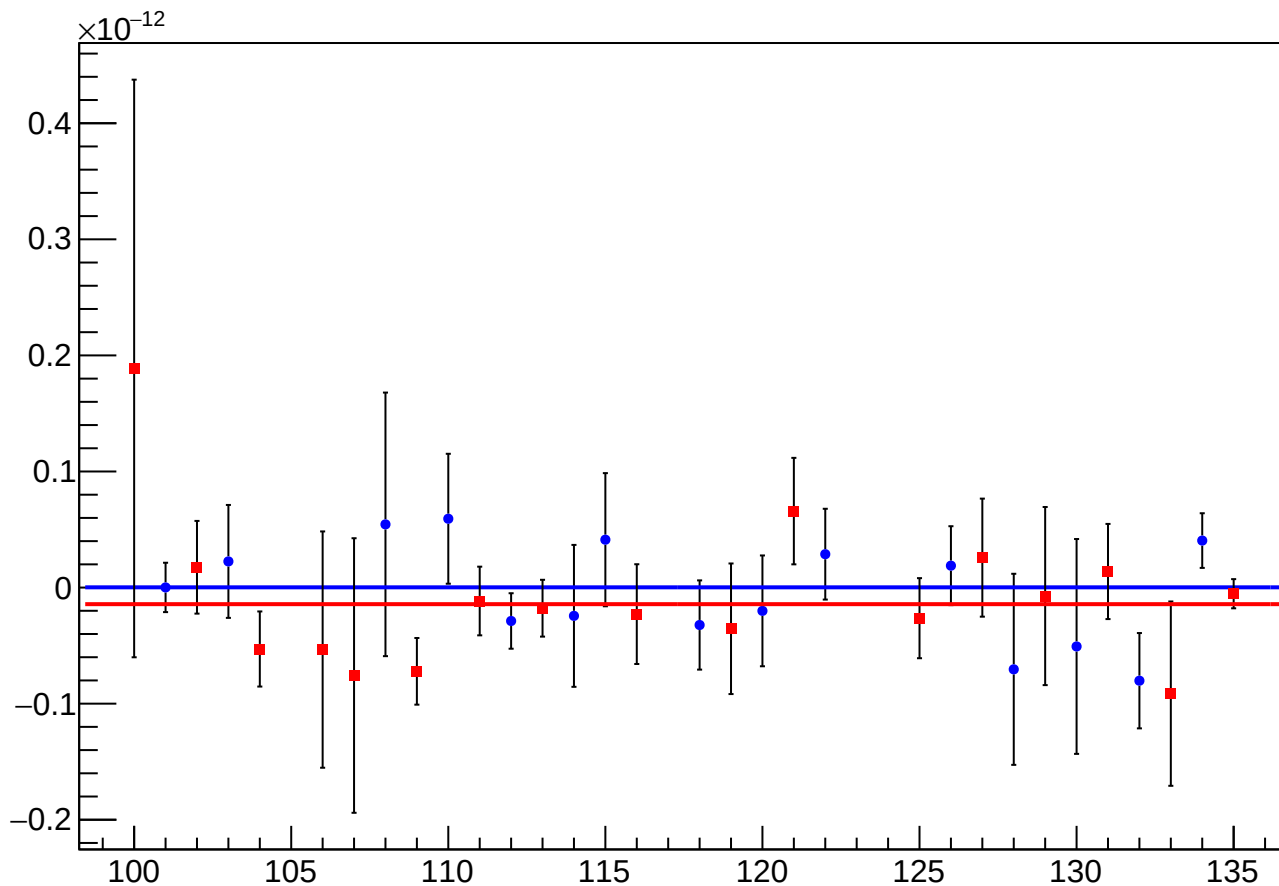
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.228+/-0.008 χ^2/NDF : 230399.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.2/14

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/16

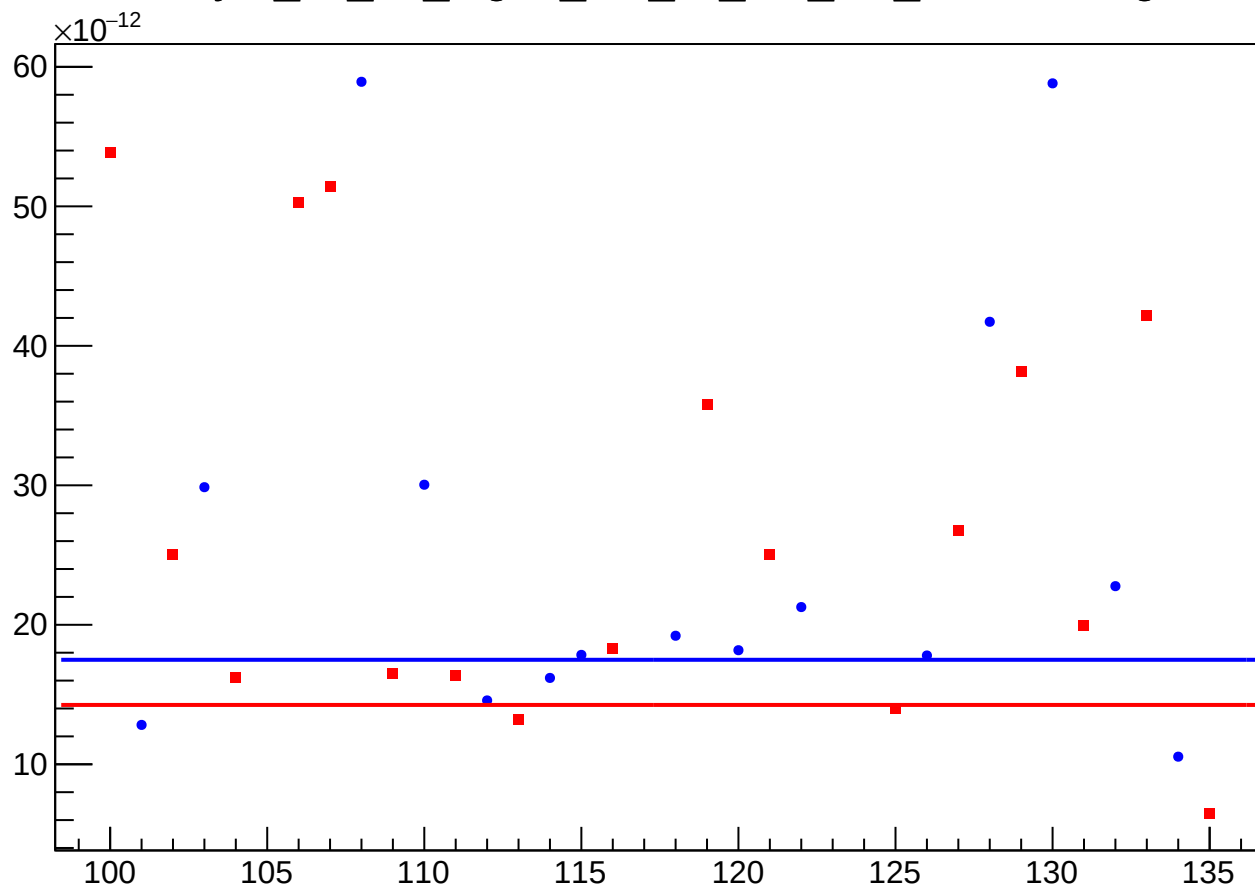
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.7/31

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

asym_us_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1426166.4/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2470480.1/16

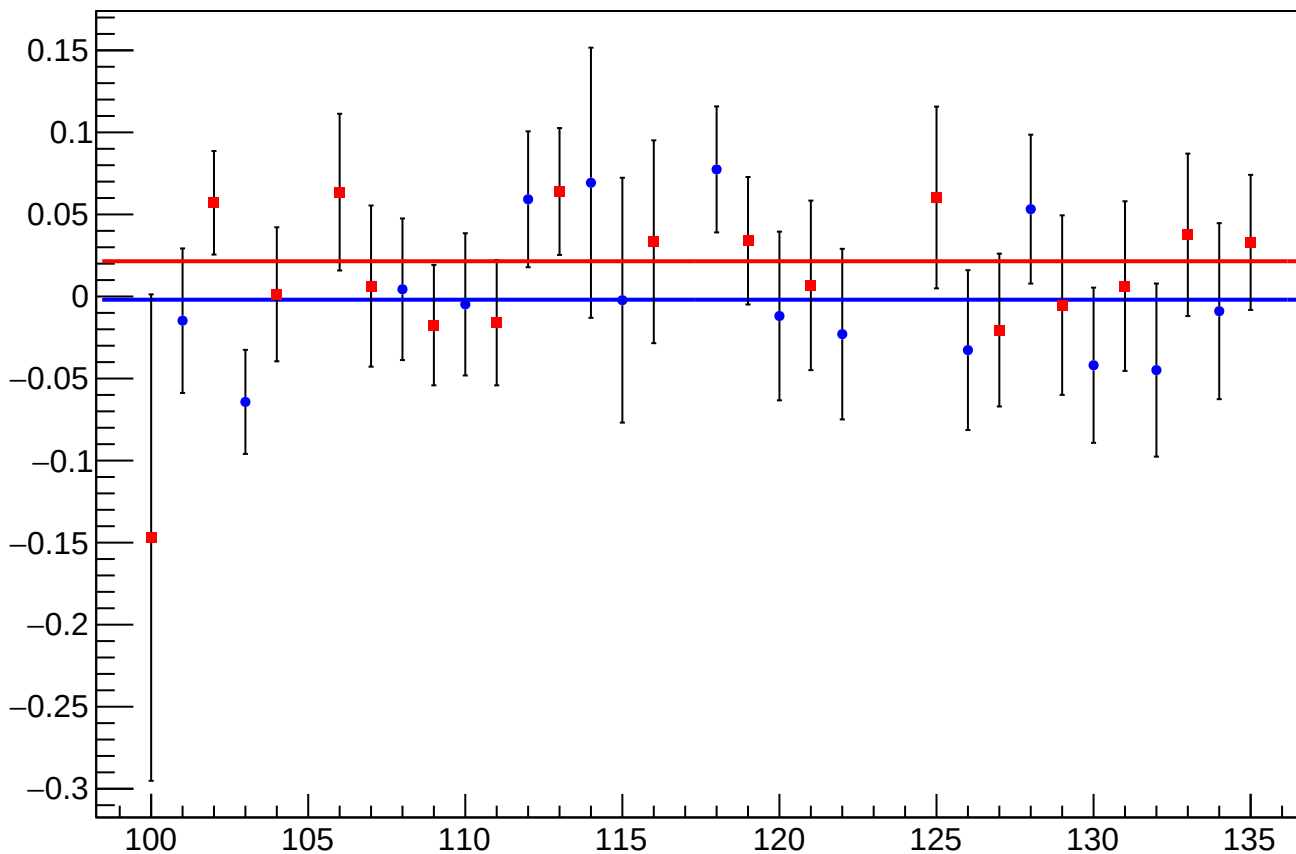
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4029285.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_overload_cor_vs_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 14.6/14

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

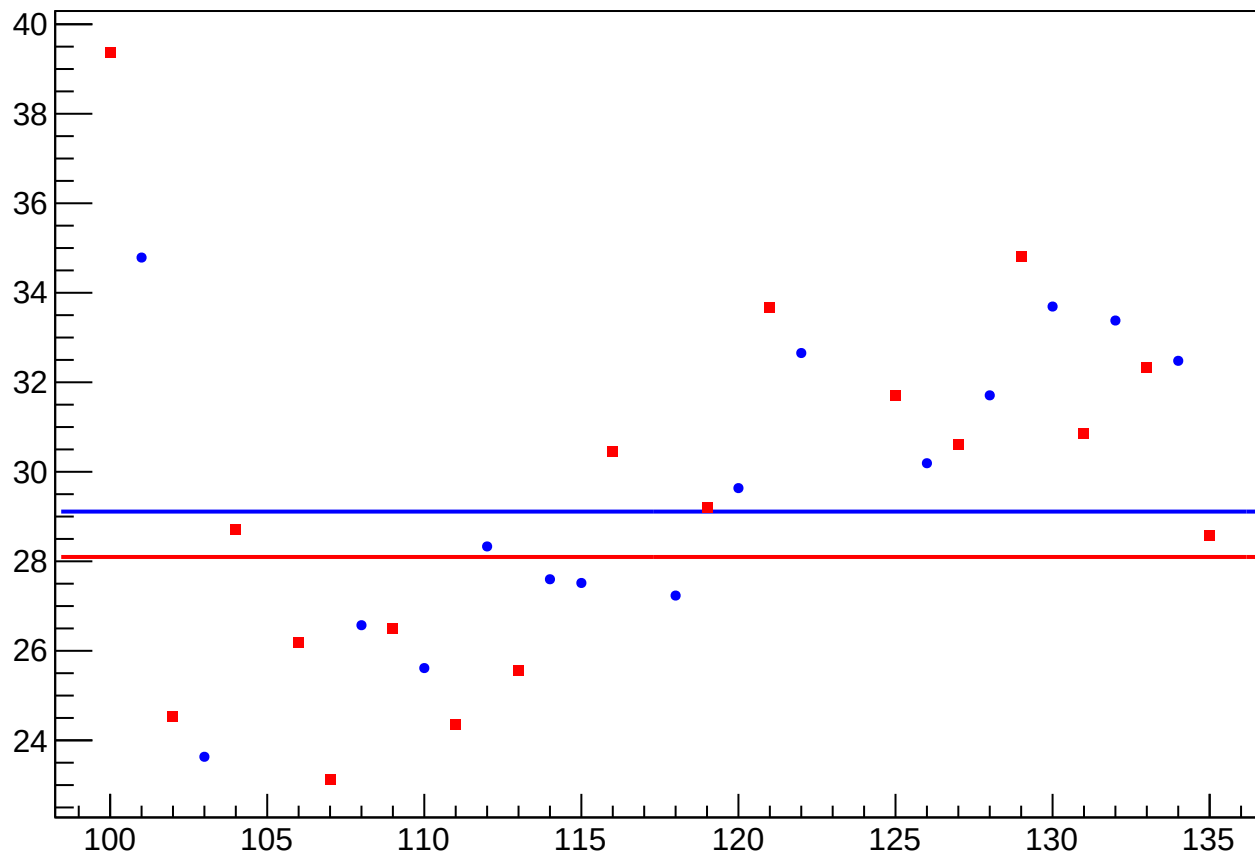
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 25.7/31

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

asym_us_dd_overload_cor_vs_cor_diff_rms vs Slug



Right In: 29.111 $\pm$ 0.008 χ^2 /NDF: 176753.3/14

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

Right Out: 28.097 $\pm$ 0.008 χ^2 /NDF: 185848.1/16

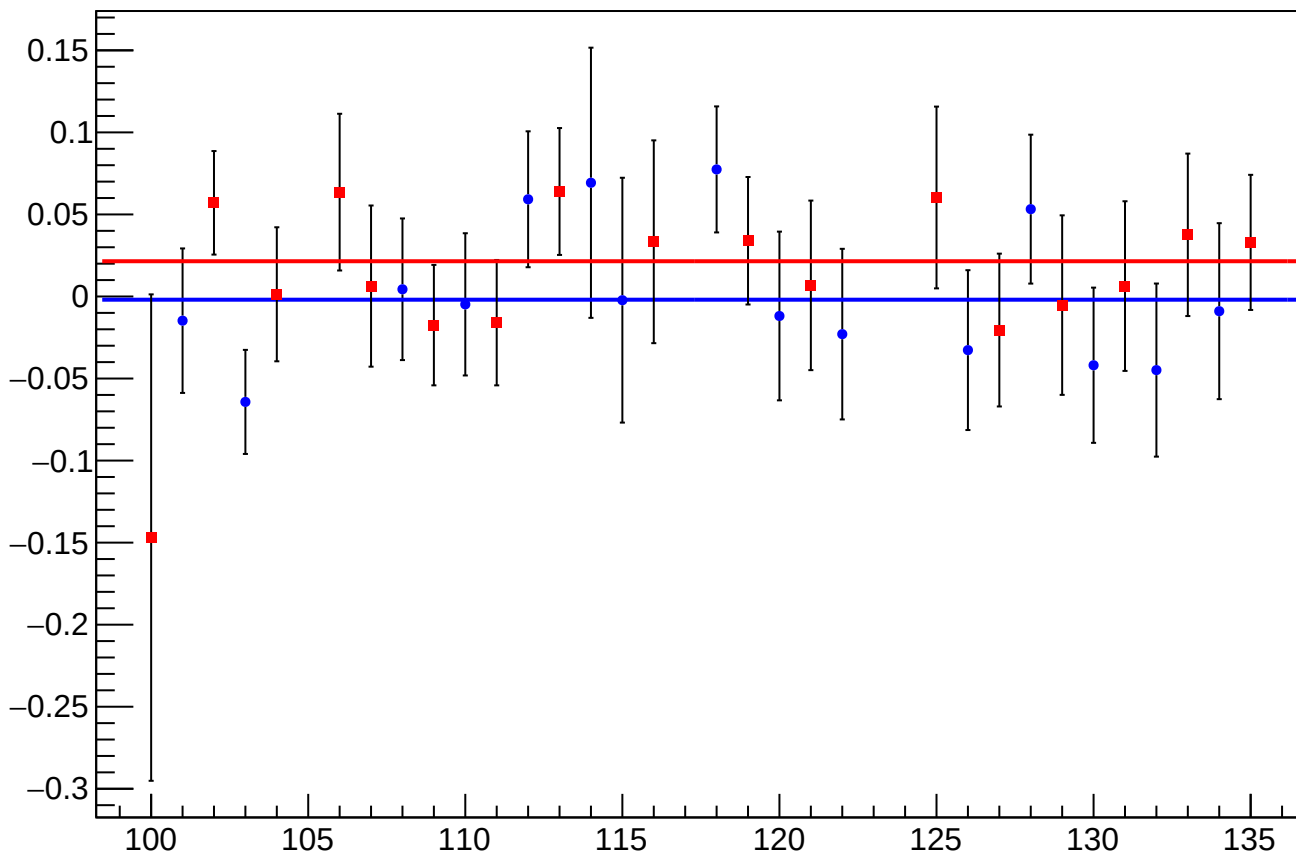
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 28.557 $\pm$ 0.006 χ^2 /NDF: 370437.7/31

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

asym_us_dd_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.012 χ^2 /NDF: 14.6/14

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

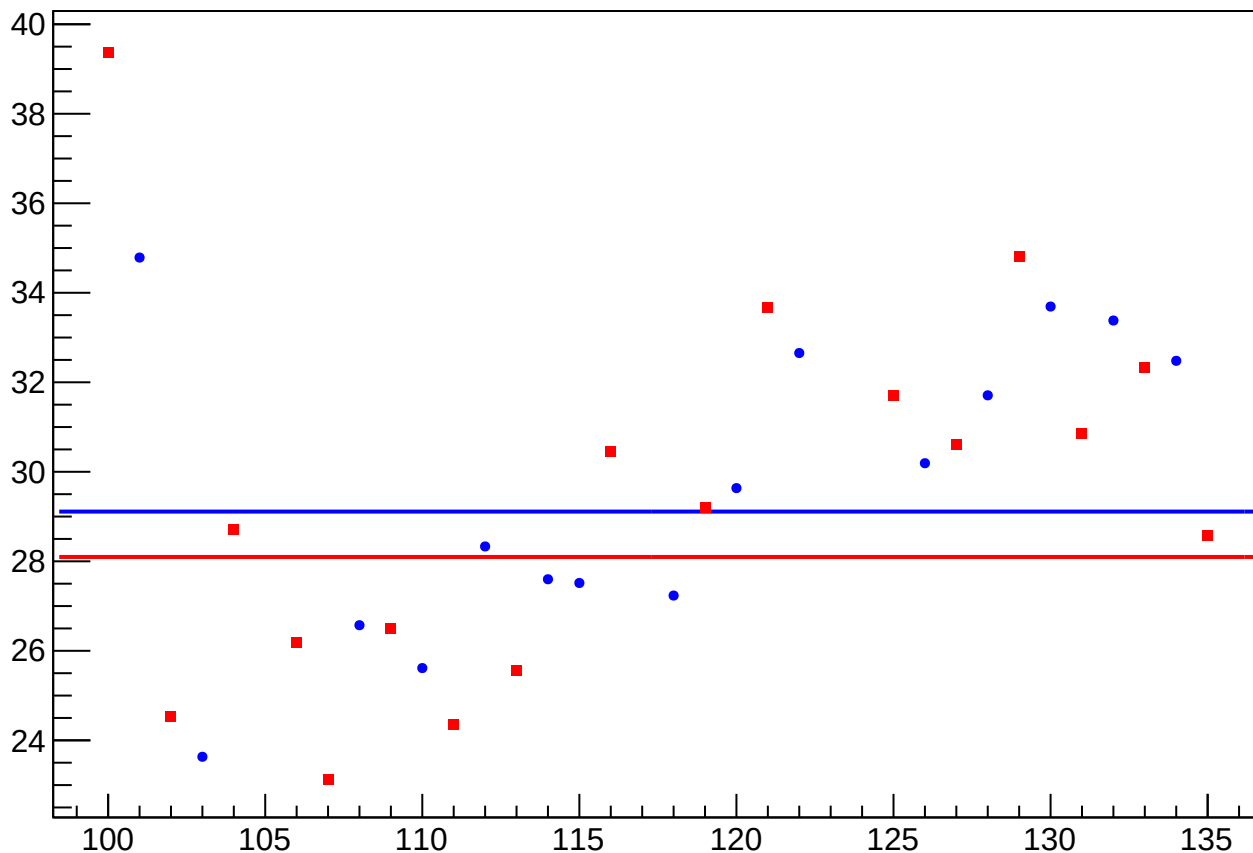
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.011 $\pm$ 0.008 χ^2 /NDF: 25.7/31

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

asym_us_dd_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 29.111 $\pm$ 0.008 χ^2 /NDF: 176753.3/14

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

Right Out: 28.097 $\pm$ 0.008 χ^2 /NDF: 185848.1/16

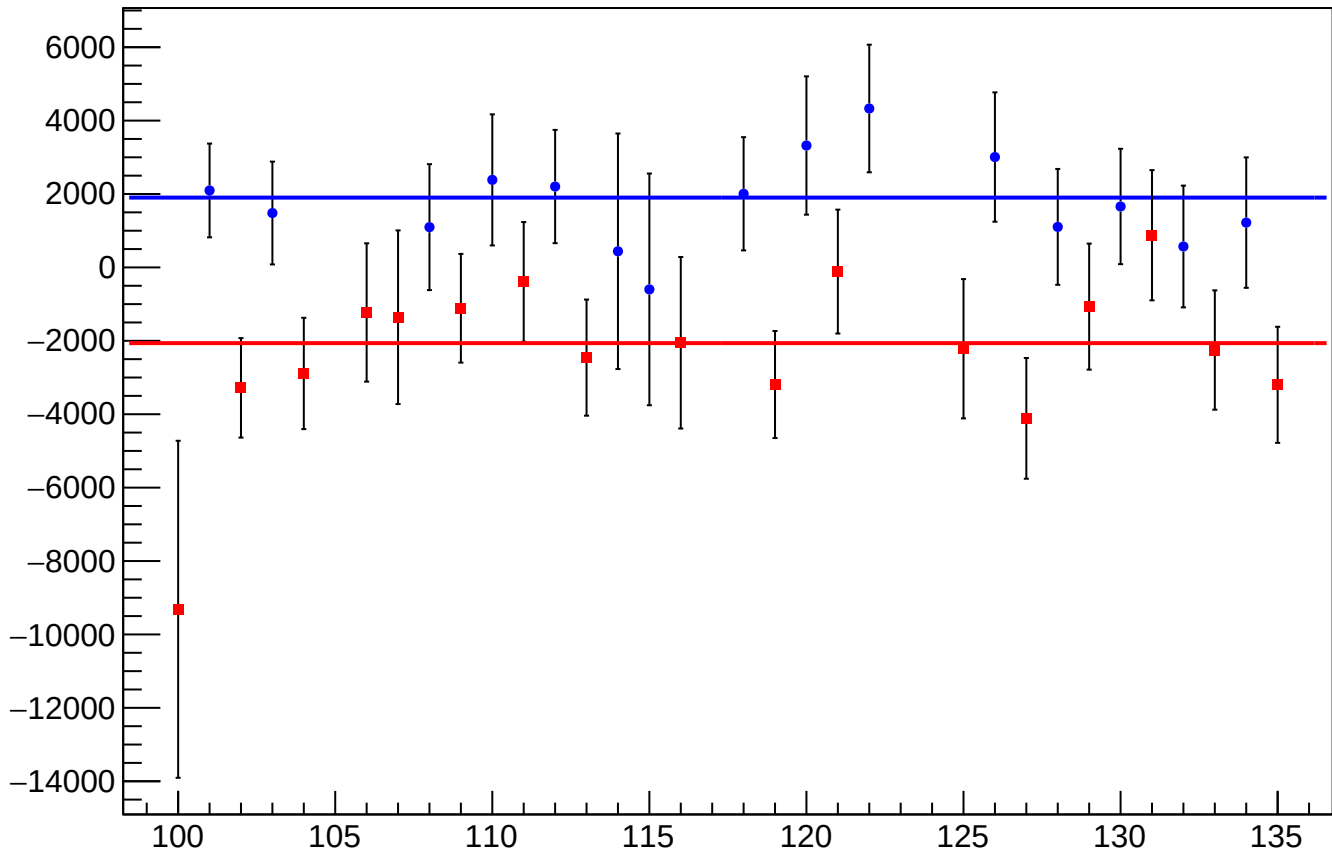
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 28.557 $\pm$ 0.006 χ^2 /NDF: 370437.7/31

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

reg_asym_usl_mean vs Slug



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

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

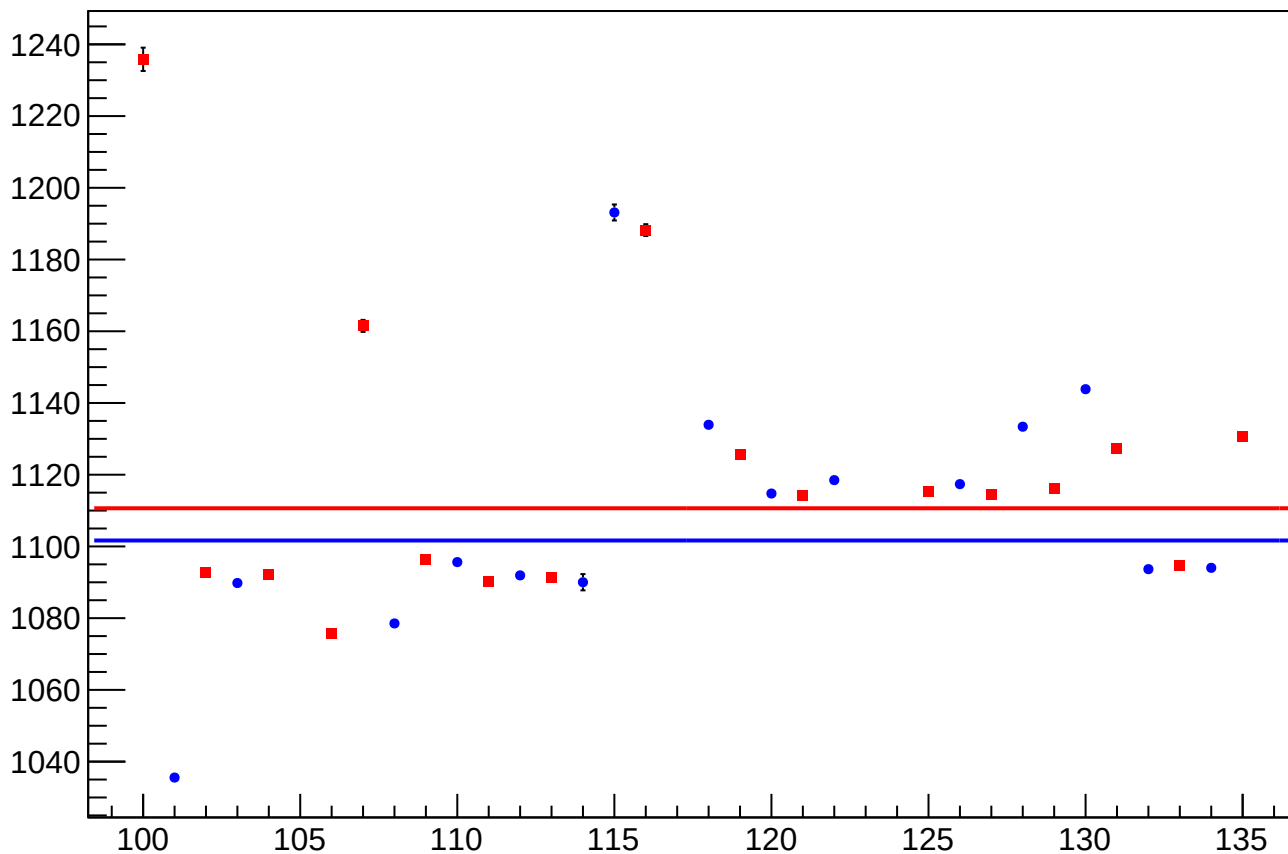
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -182.942+/-300.959 χ^2 /NDF: 61.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_rms vs Slug



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

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

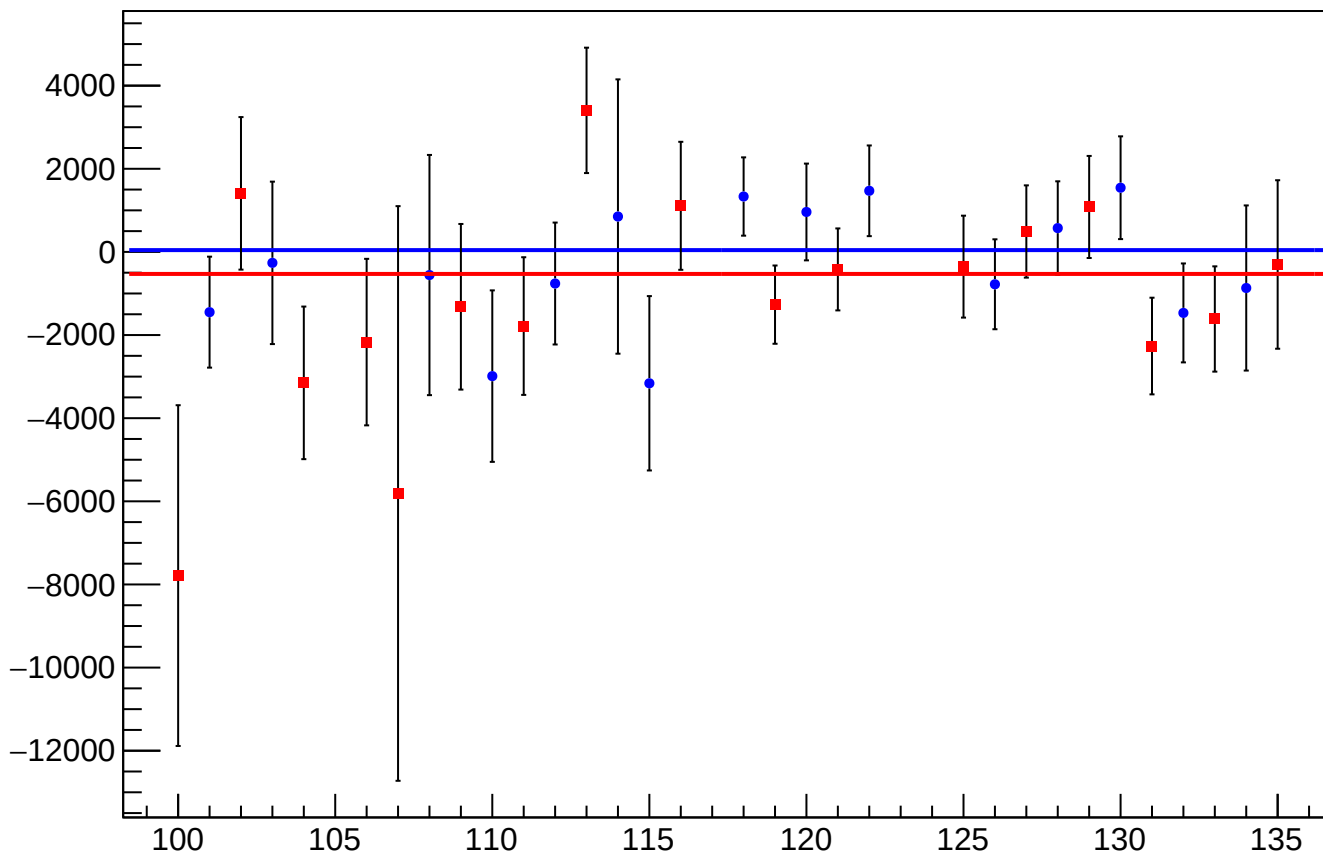
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.383+/-0.213 χ^2/NDF : 19462.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_mean vs Slug



Right In: 43.387+/-355.188 χ^2/NDF : 14.5/14

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

Right Out: -529.713+/-346.994 χ^2/NDF : 22.4/16

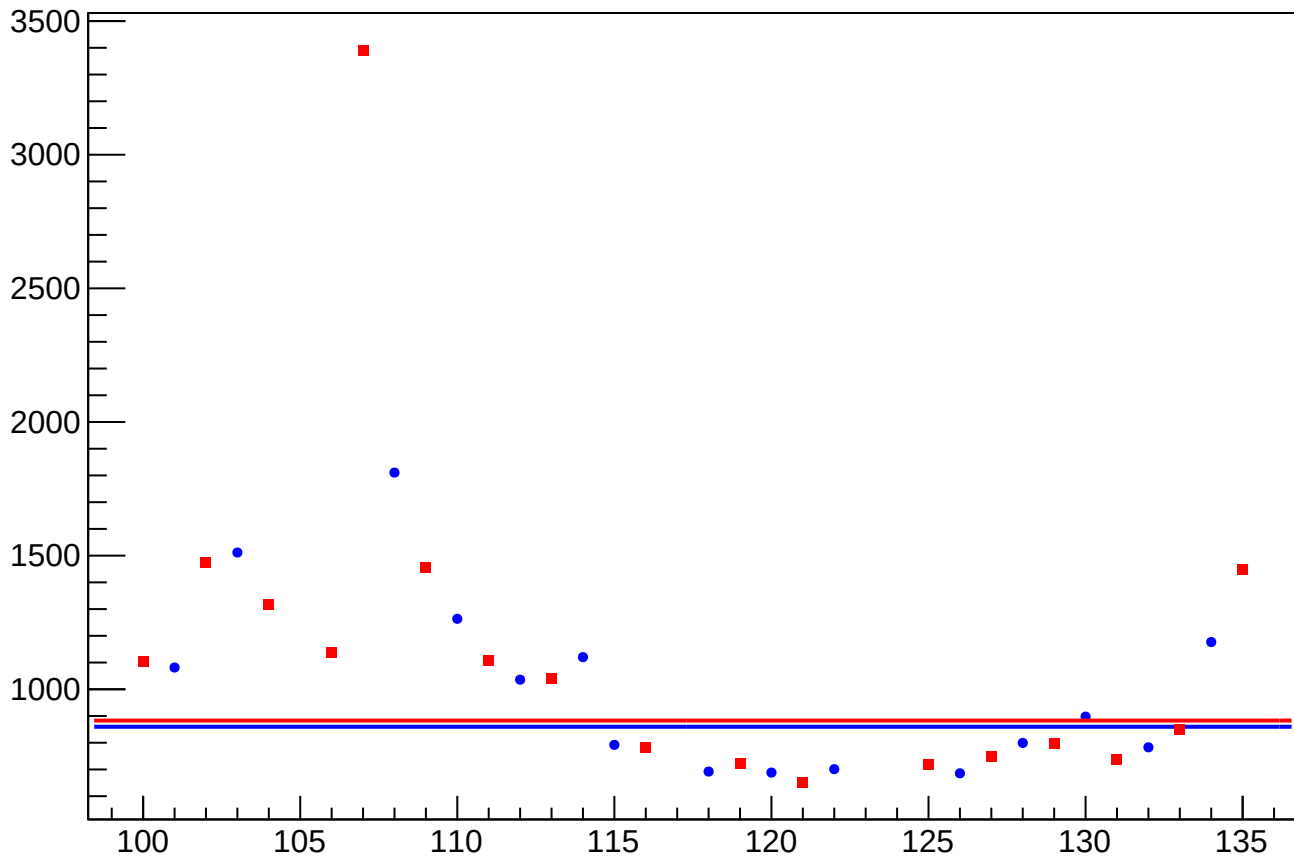
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.849+/-248.208 χ^2/NDF : 38.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_reg_correction_rms vs Slug



Right In: 859.716 $\pm$ 0.251 χ^2 /NDF: 882359.5/14

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

Right Out: 882.934 $\pm$ 0.245 χ^2 /NDF: 1281971.2/16

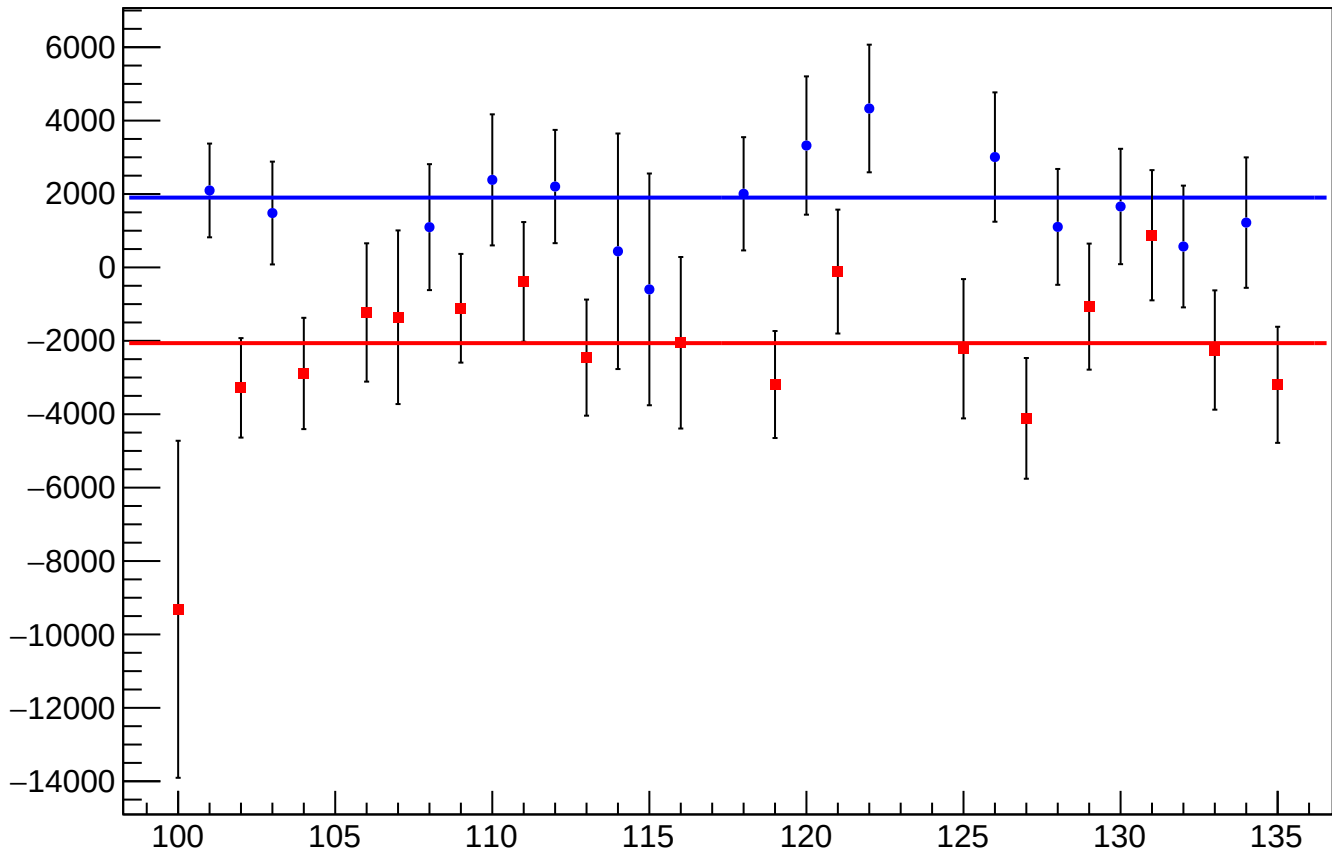
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 871.596 $\pm$ 0.176 χ^2 /NDF: 2168703.6/31

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

cor_asym_usl_mean vs Slug



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

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

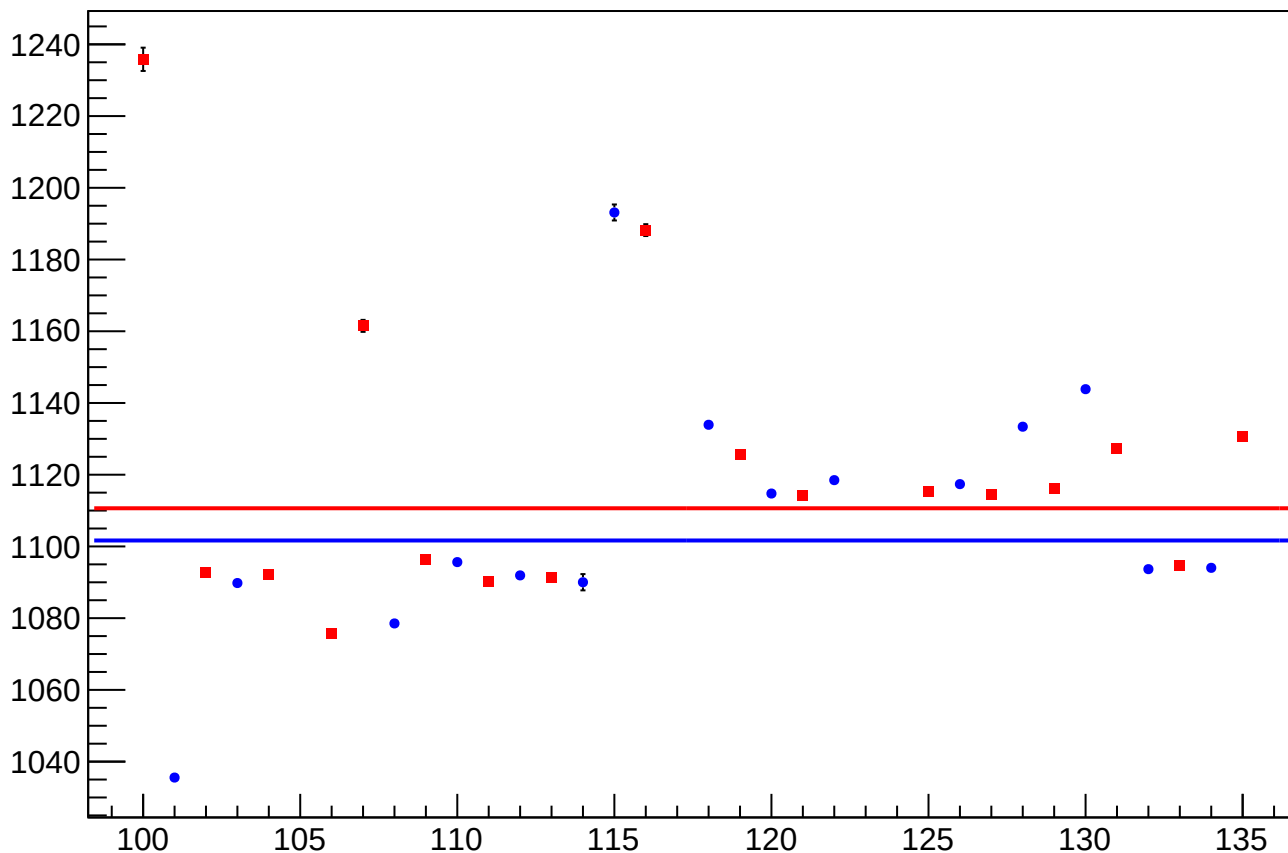
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -182.942+/-300.959 χ^2 /NDF: 61.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_rms vs Slug



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

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

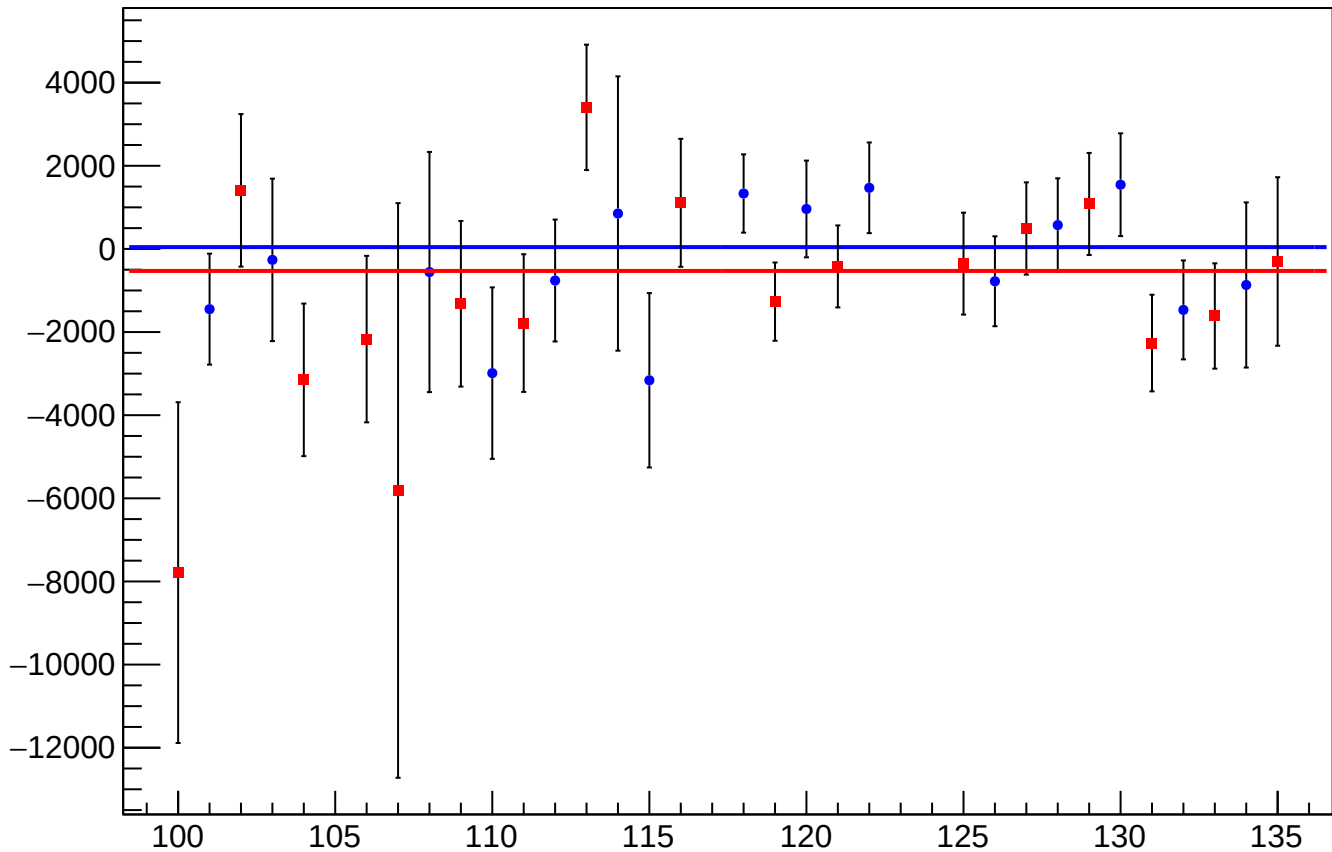
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.383+/-0.213 χ^2/NDF : 19462.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_cor_correction_mean vs Slug



Right In: 43.387+/-355.188 χ^2/NDF : 14.5/14

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

Right Out: -529.713+/-346.994 χ^2/NDF : 22.4/16

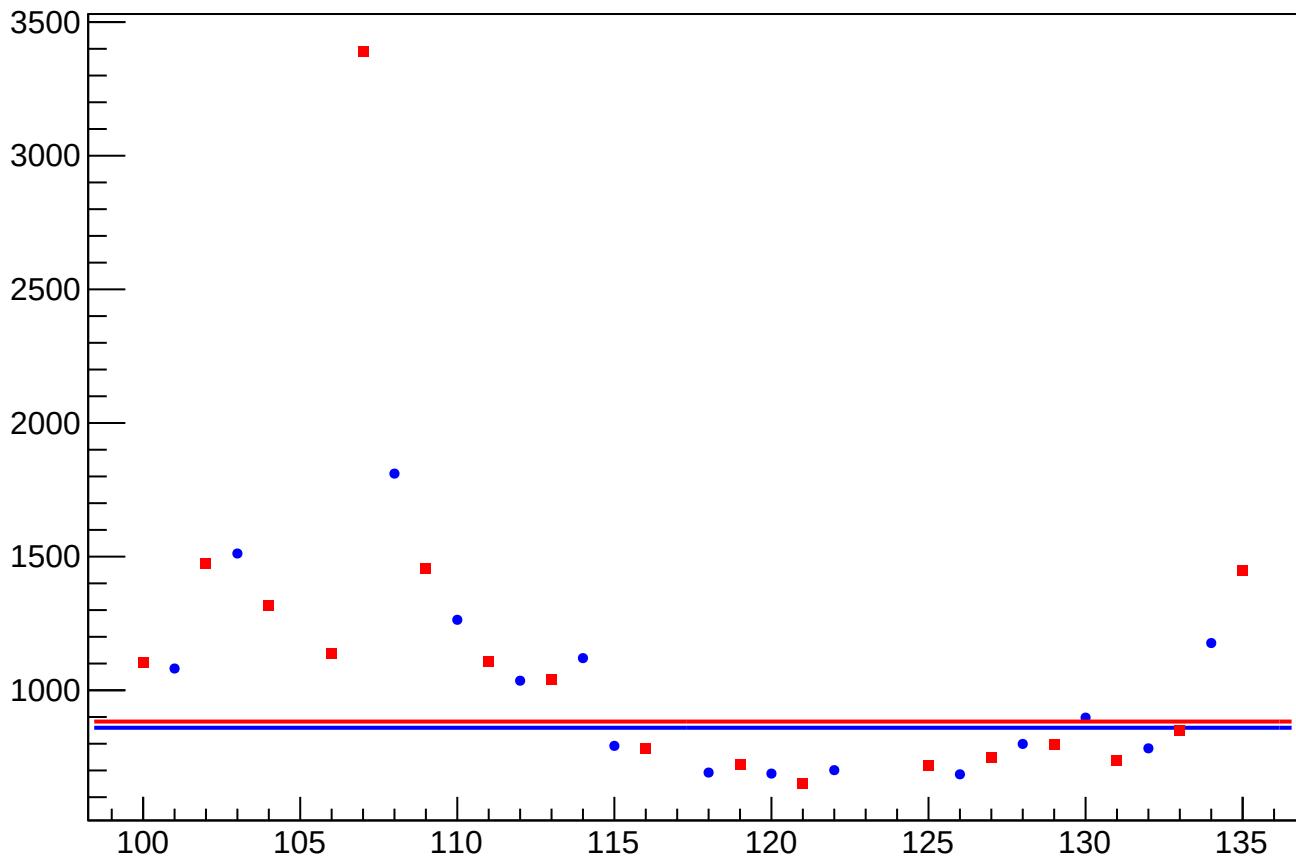
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -249.849+/-248.208 χ^2/NDF : 38.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_cor_correction_rms vs Slug



Right In: 859.716 $\pm$ 0.251 χ^2 /NDF: 882359.5/14

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

Right Out: 882.934 $\pm$ 0.245 χ^2 /NDF: 1281971.2/16

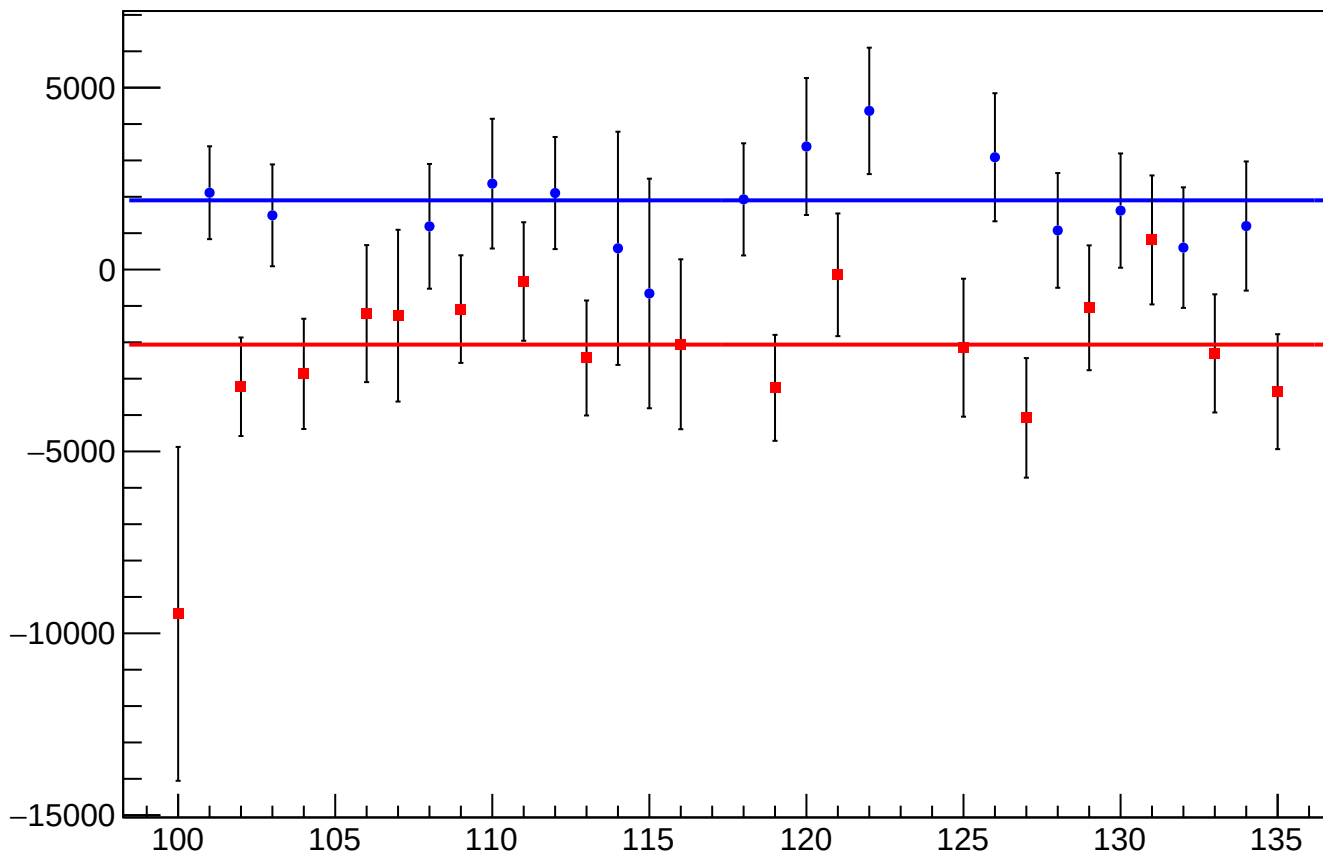
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 871.596 $\pm$ 0.176 χ^2 /NDF: 2168703.6/31

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

overload_cor_asym_usl_mean vs Slug



Right In: 1902.731+/-436.729 χ^2/NDF : 5.4/14

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

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

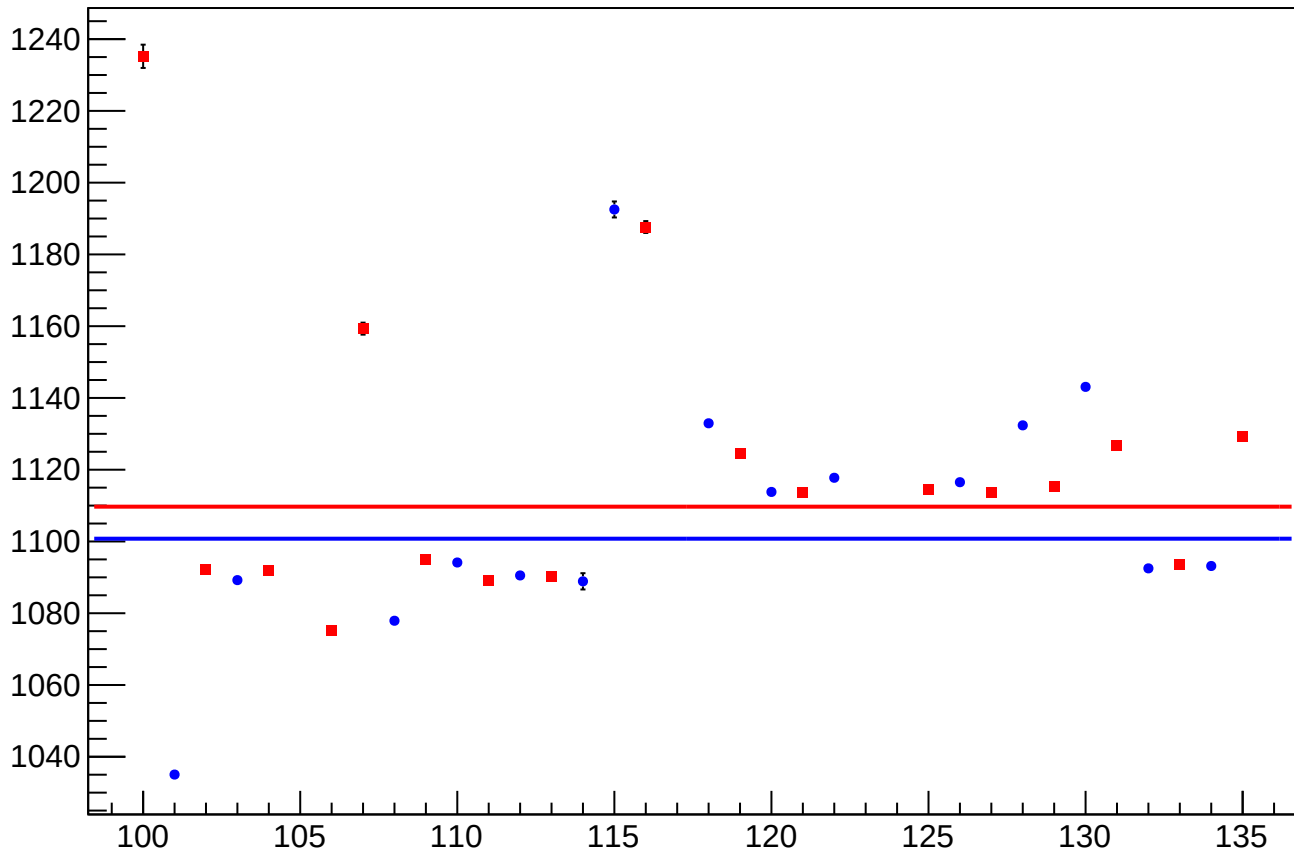
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.068+/-300.709 χ^2/NDF : 61.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

overload_cor_asym_usl_rms vs Slug



Right In: 1100.773+/-0.309 χ^2/NDF : 11288.4/14

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

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

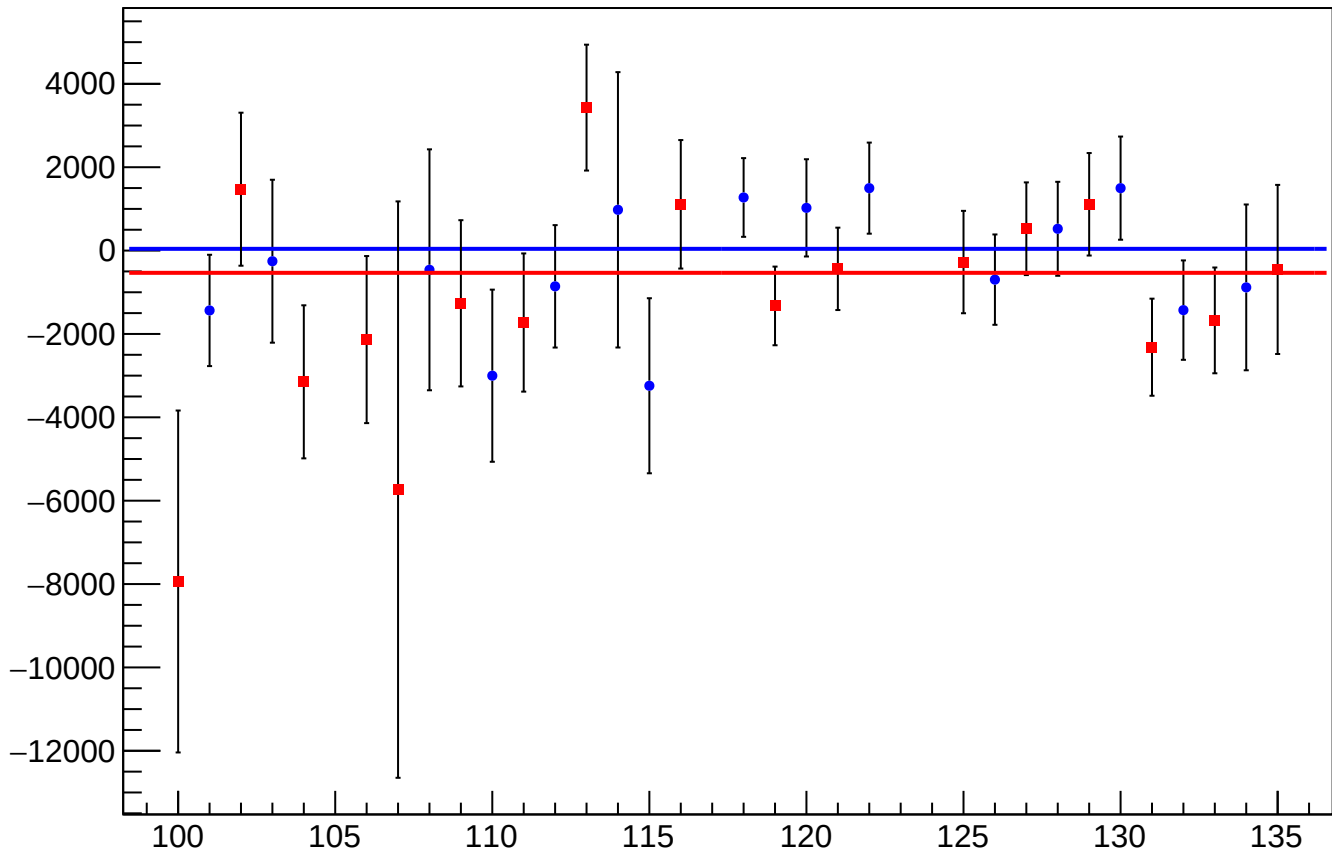
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1105.467+/-0.213 χ^2/NDF : 19398.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_mean vs Slug



Right In: 41.970+/-355.758 χ^2/NDF : 14.3/14

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

Right Out: -533.569+/-347.511 χ^2/NDF : 23.0/16

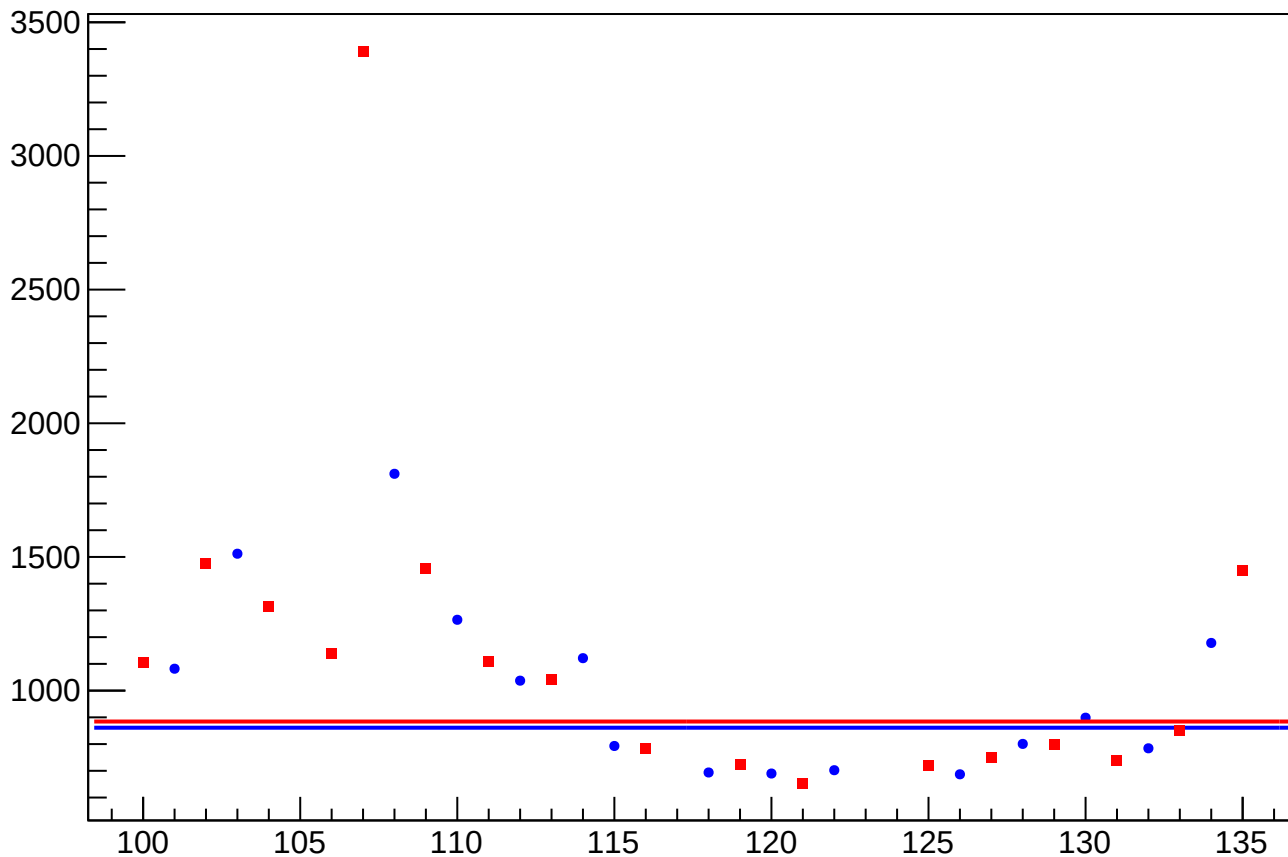
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -252.548+/-248.592 χ^2/NDF : 38.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_correction_rms vs Slug



Right In: 861.231+/-0.252 χ^2/NDF : 879122.4/14

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

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

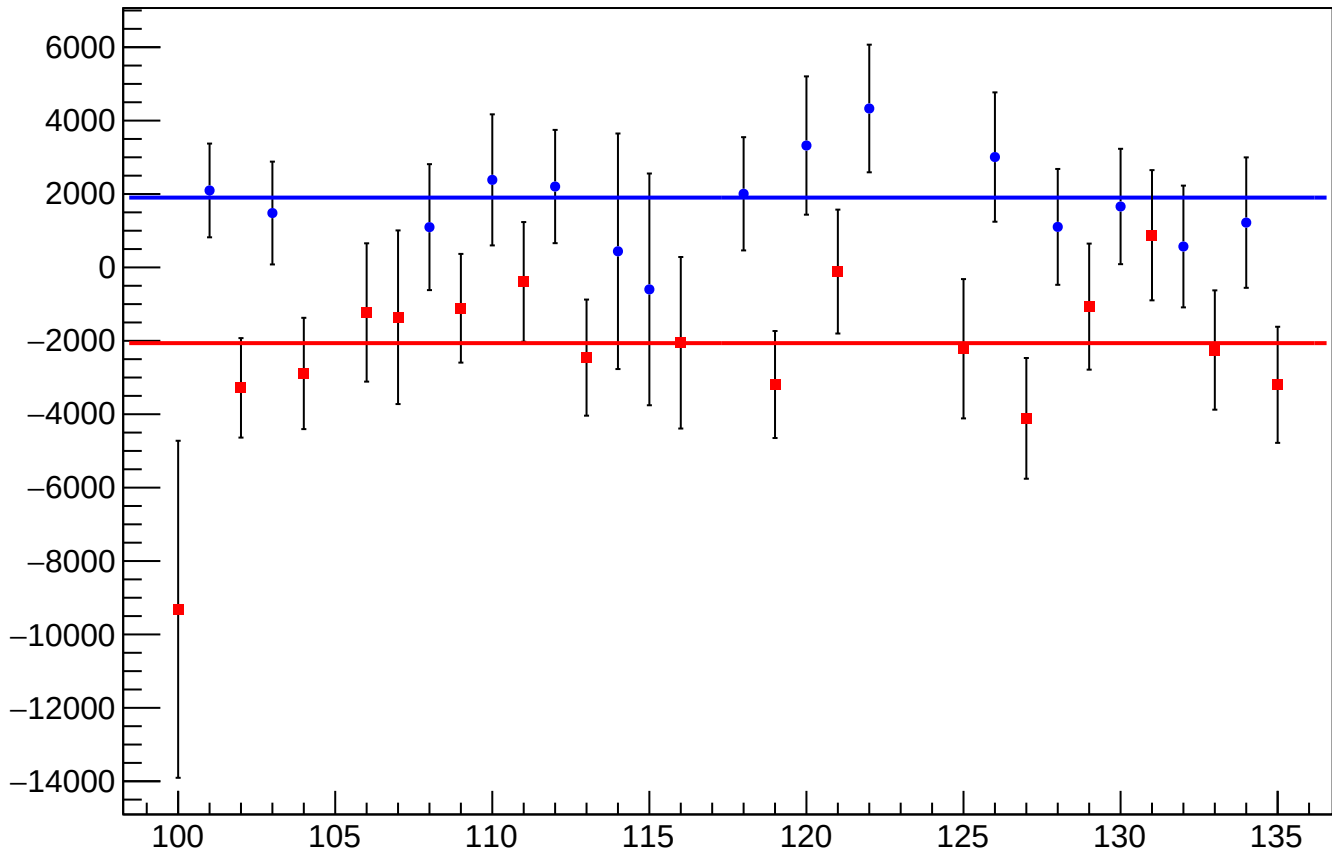
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 873.082+/-0.176 χ^2/NDF : 2161636.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_mean vs Slug



Right In: 1902.333+/-437.081 χ^2 /NDF: 5.3/14

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

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

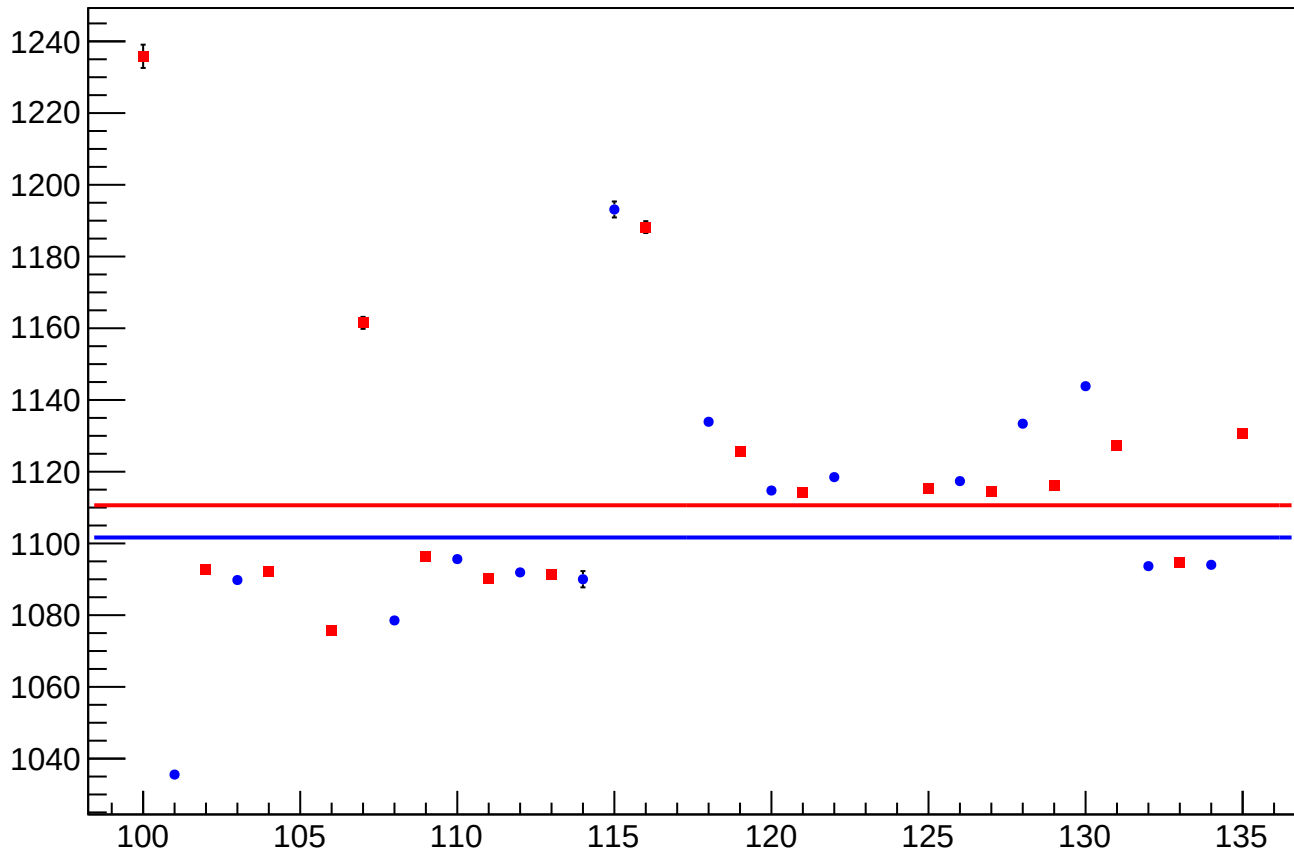
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -182.942+/-300.959 χ^2 /NDF: 61.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_rms vs Slug



Right In: 1101.659+/-0.309 χ^2/NDF : 11323.4/14

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

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

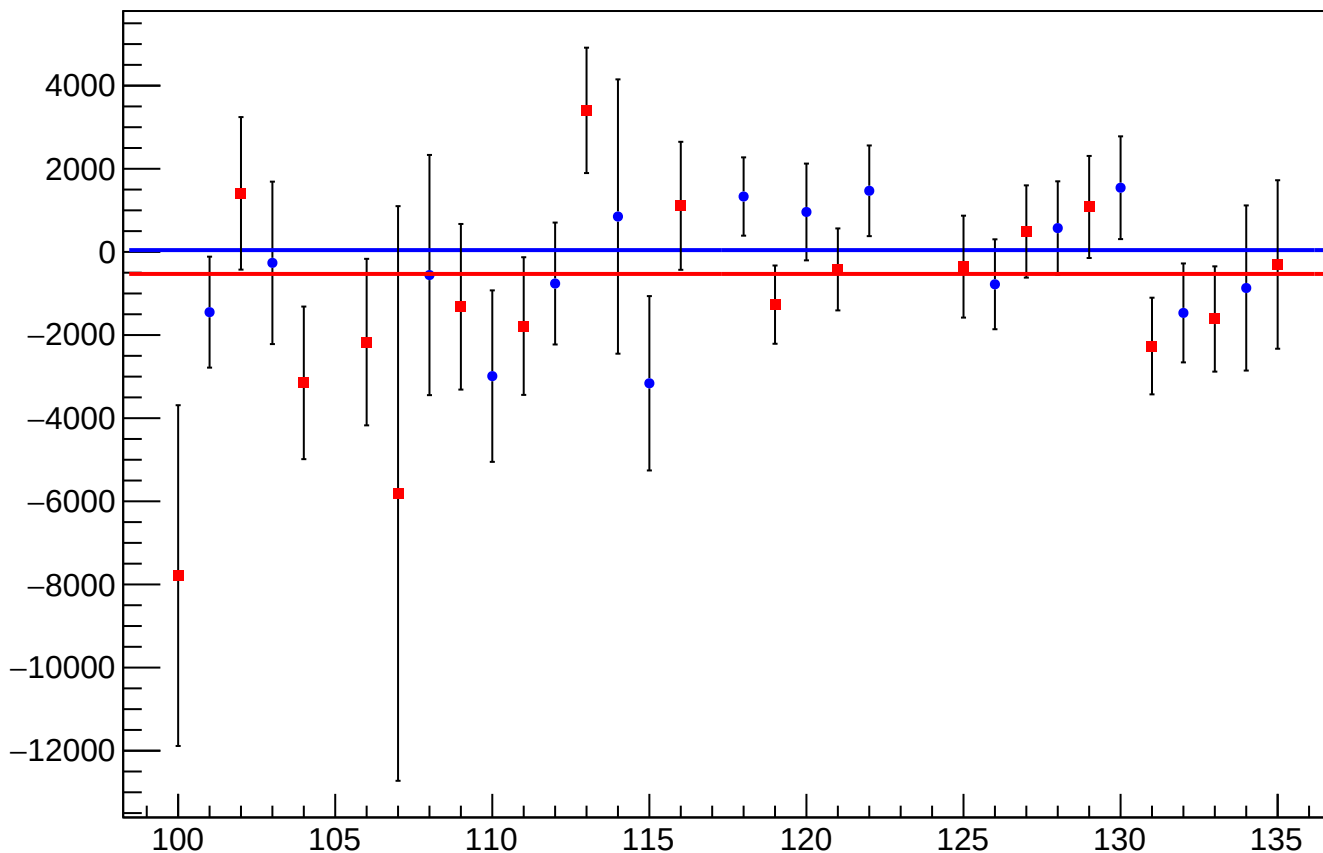
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1106.383+/-0.213 χ^2/NDF : 19462.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_correction_mean vs Slug



Right In: 43.387 $\pm$ 355.188 χ^2 /NDF: 14.5/14

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

Right Out: -529.713 $\pm$ 346.994 χ^2 /NDF: 22.4/16

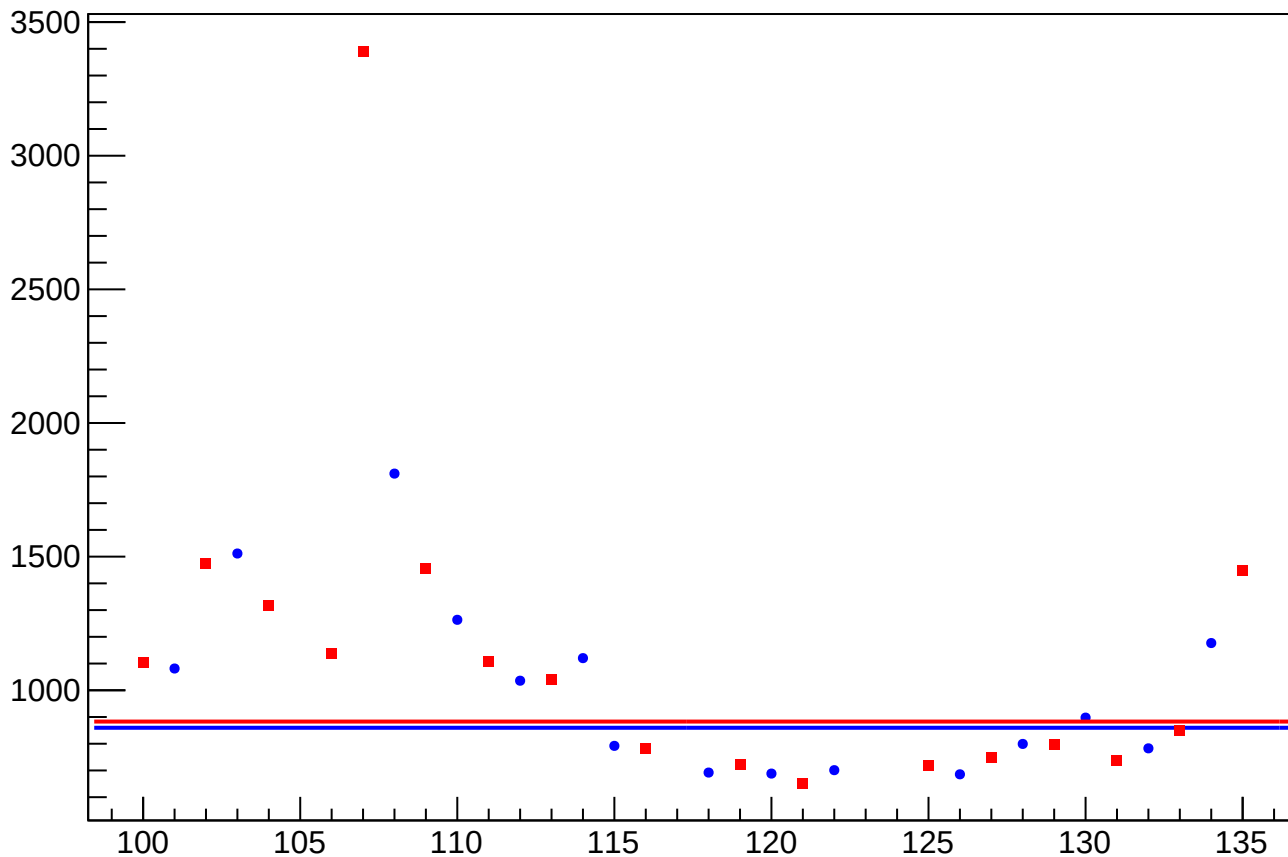
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -249.849 $\pm$ 248.208 χ^2 /NDF: 38.2/31

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

asym_usl_eigen_cor_correction_rms vs Slug



Right In: 859.716+/-0.251 χ^2/NDF : 882359.5/14

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

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

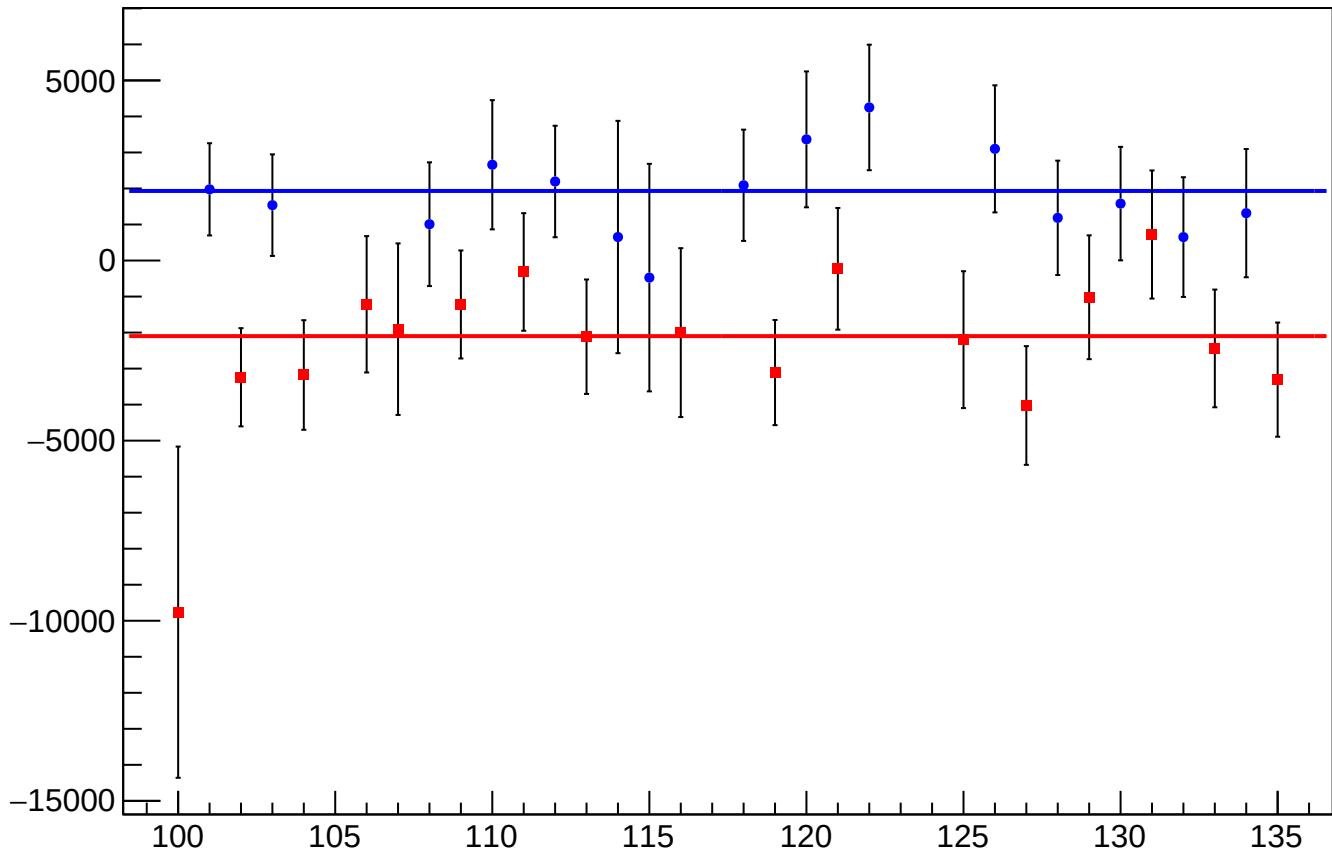
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.596+/-0.176 χ^2/NDF : 2168703.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_mean vs Slug



Right In: 1931.478 $\pm$ 438.274 χ^2 /NDF: 5.1/14

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

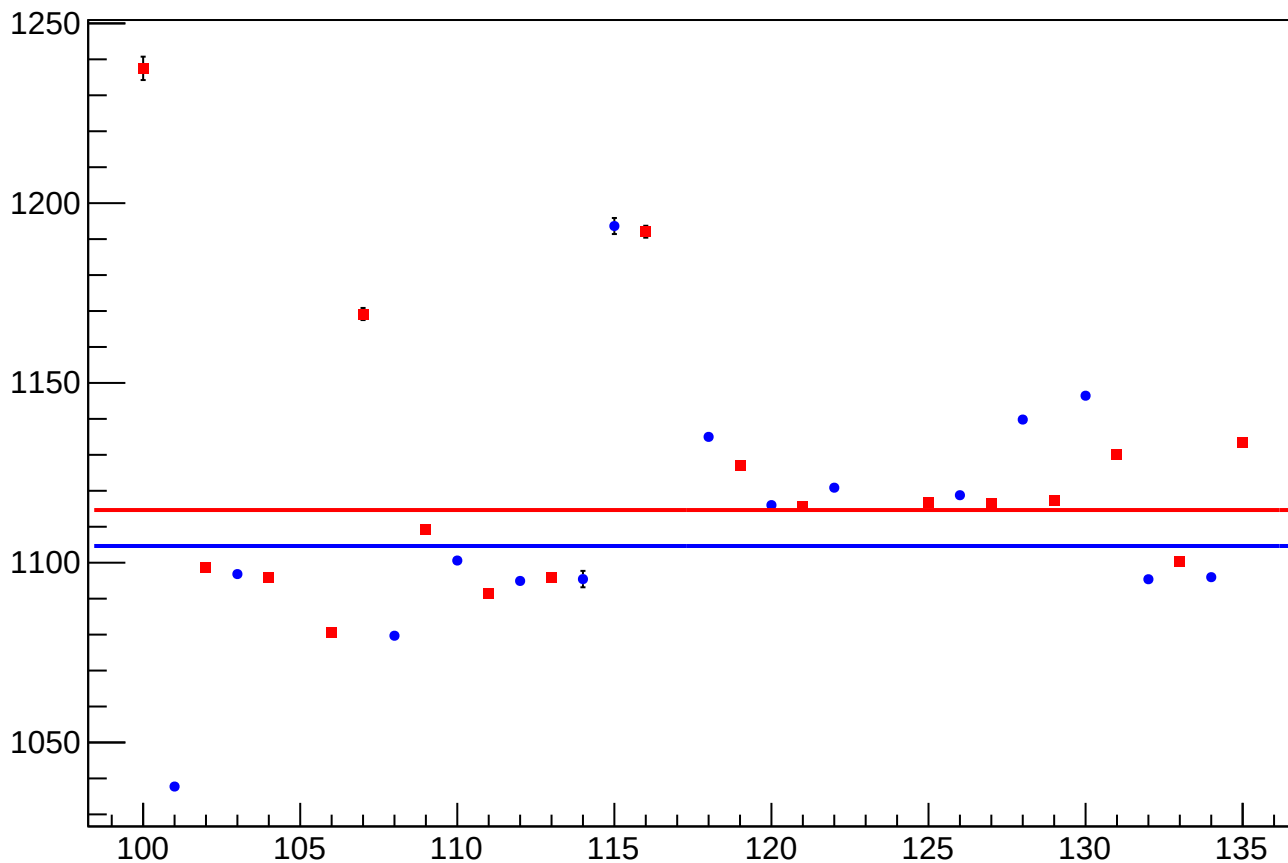
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -185.903 $\pm$ 301.927 χ^2 /NDF: 61.9/31

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

dit_asym_usl_rms vs Slug



Right In: 1104.647 ± 0.310 χ^2/NDF : 11288.1/14

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

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

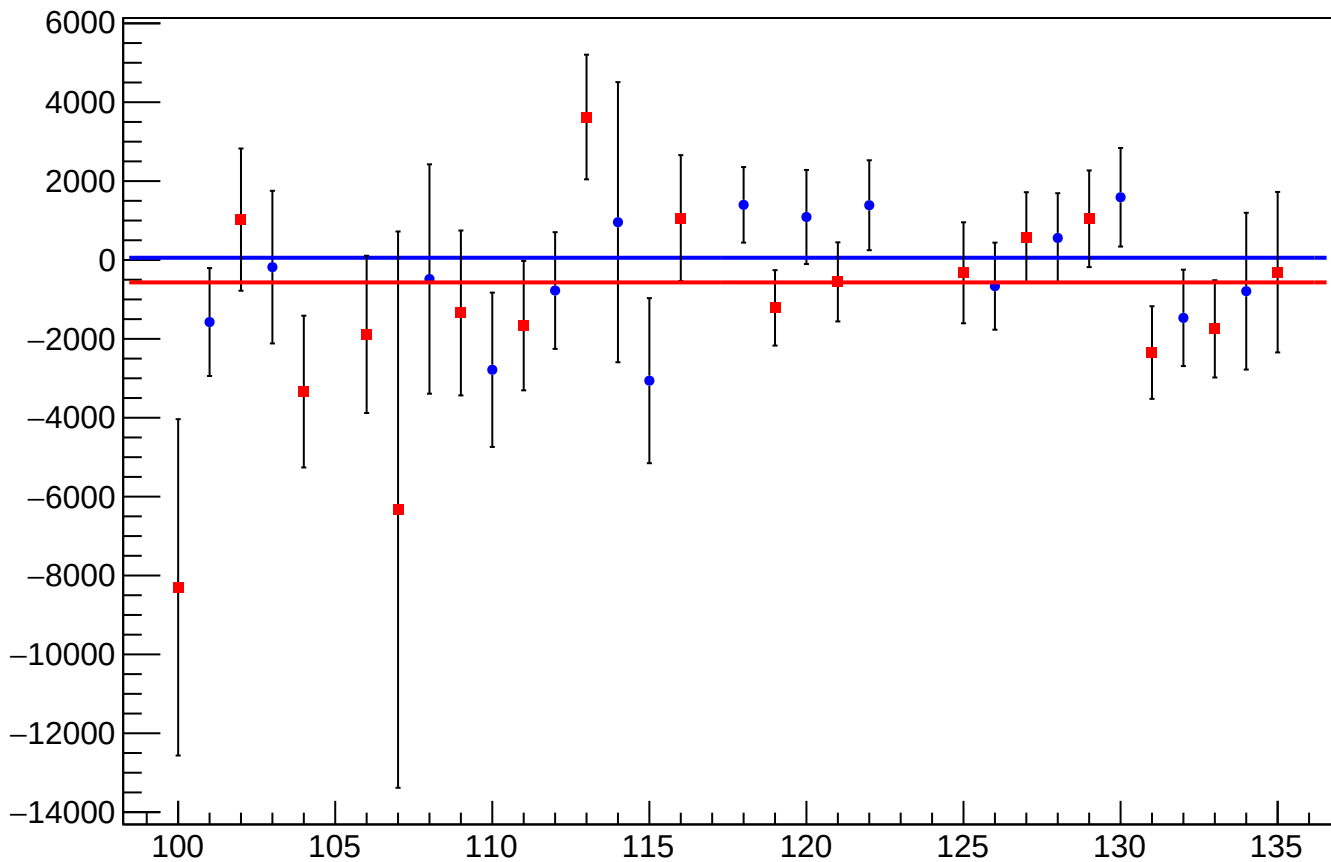
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1109.902 ± 0.213 χ^2/NDF : 19164.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_mean vs Slug



Right In: 56.370+/-361.110 χ^2/NDF : 14.1/14

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

Right Out: -568.205+/-352.514 χ^2/NDF : 22.3/16

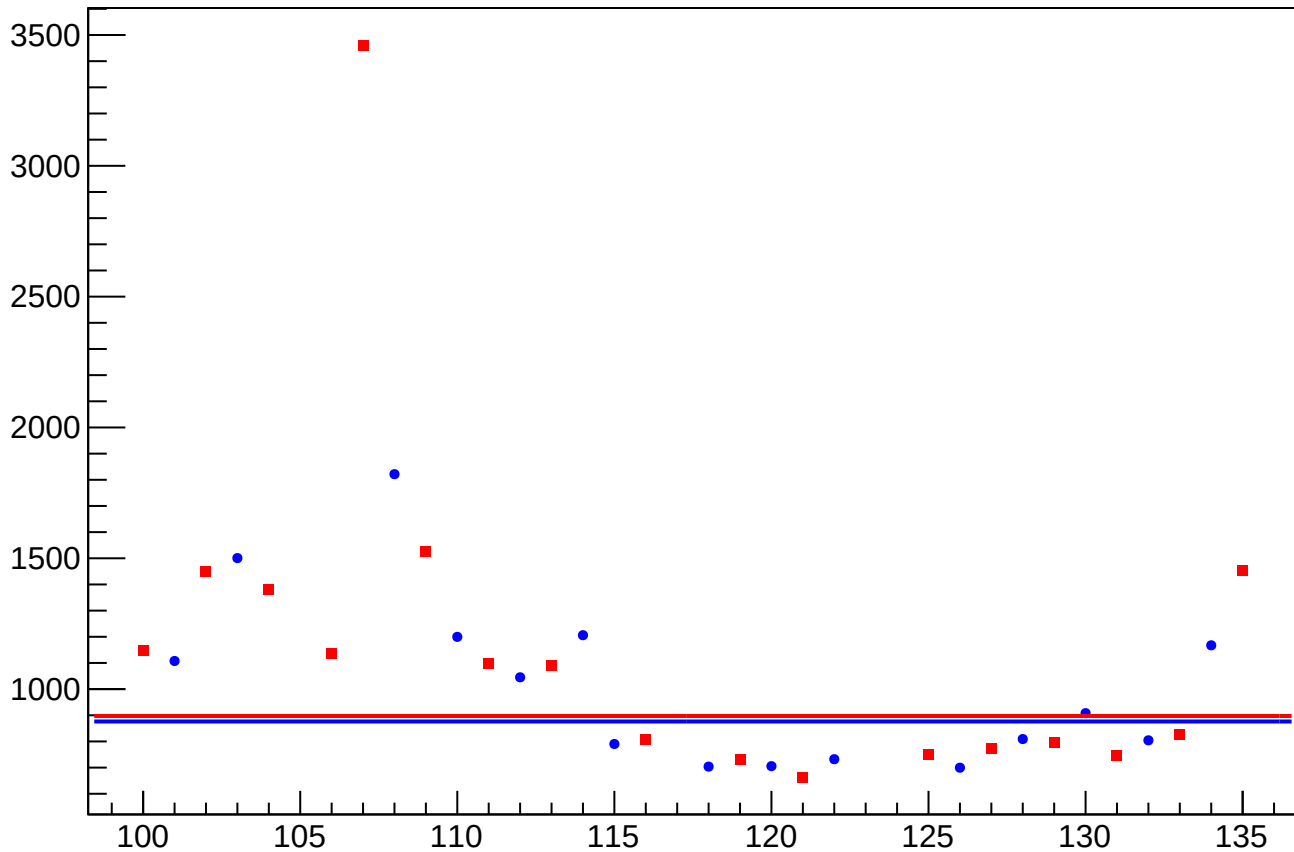
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.440+/-252.249 χ^2/NDF : 38.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_correction_rms vs Slug



Right In: 876.272 $\pm$ 0.255 χ^2 /NDF: 825470.4/14

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

Right Out: 897.234 $\pm$ 0.249 χ^2 /NDF: 1282605.7/16

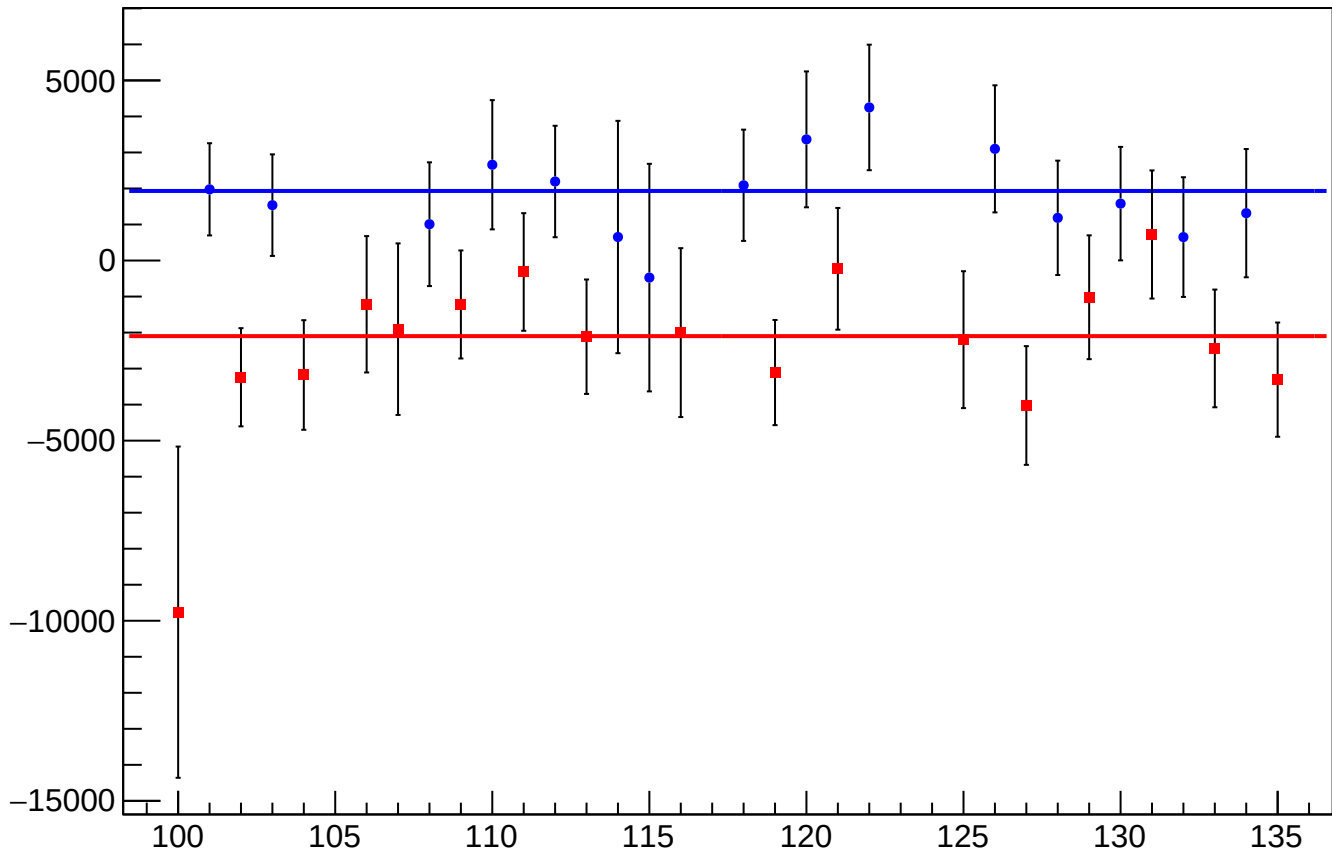
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 887.006 $\pm$ 0.178 χ^2 /NDF: 2111526.9/31

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

eigen_dit_asym_usl_mean vs Slug



Right In: 1931.478 $\pm$ 438.274 χ^2 /NDF: 5.1/14

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

Right Out: -2098.430 $\pm$ 416.534 χ^2 /NDF: 12.4/16

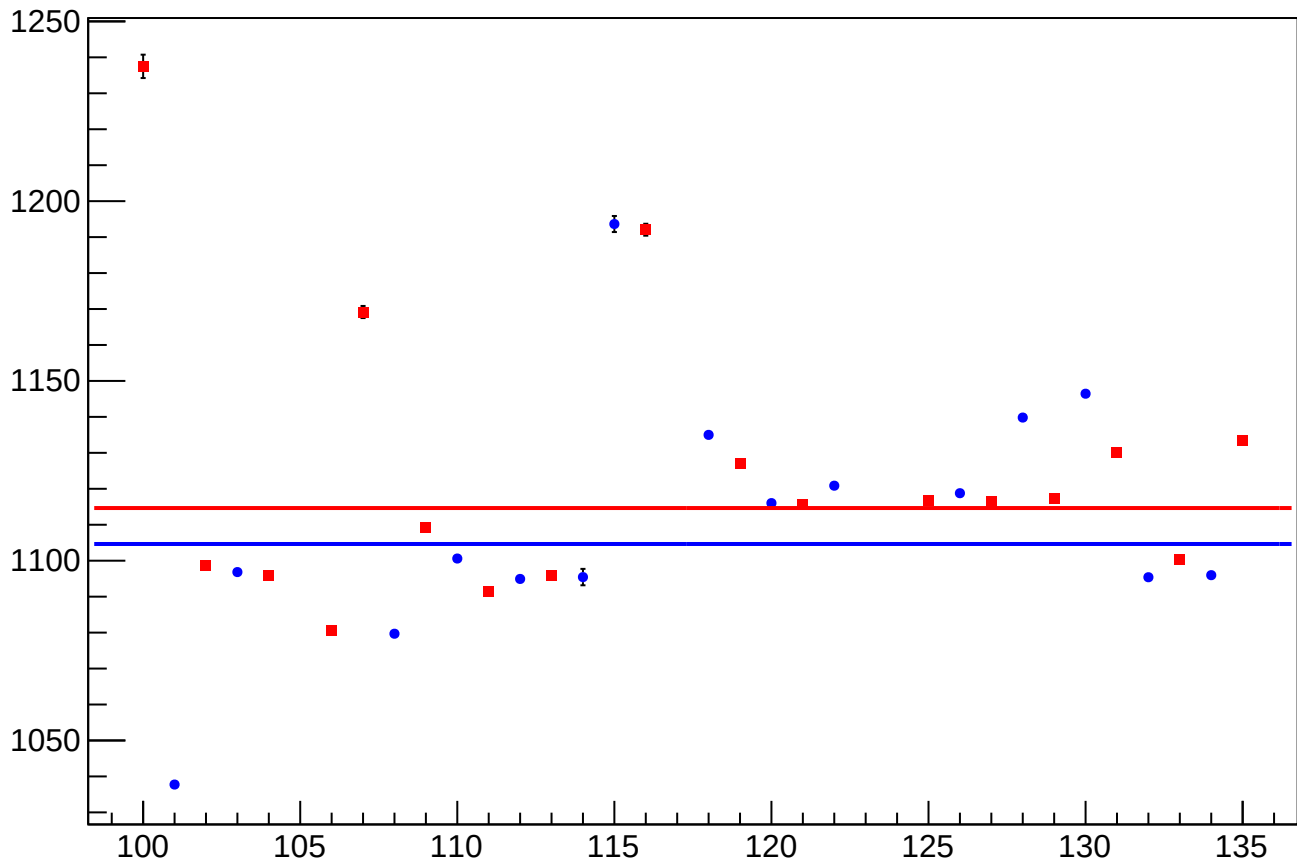
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -185.901 $\pm$ 301.927 χ^2 /NDF: 61.9/31

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

eigen_dit_asym_usl_rms vs Slug



Right In: 1104.647+/-0.310 χ^2/NDF : 11288.1/14

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

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

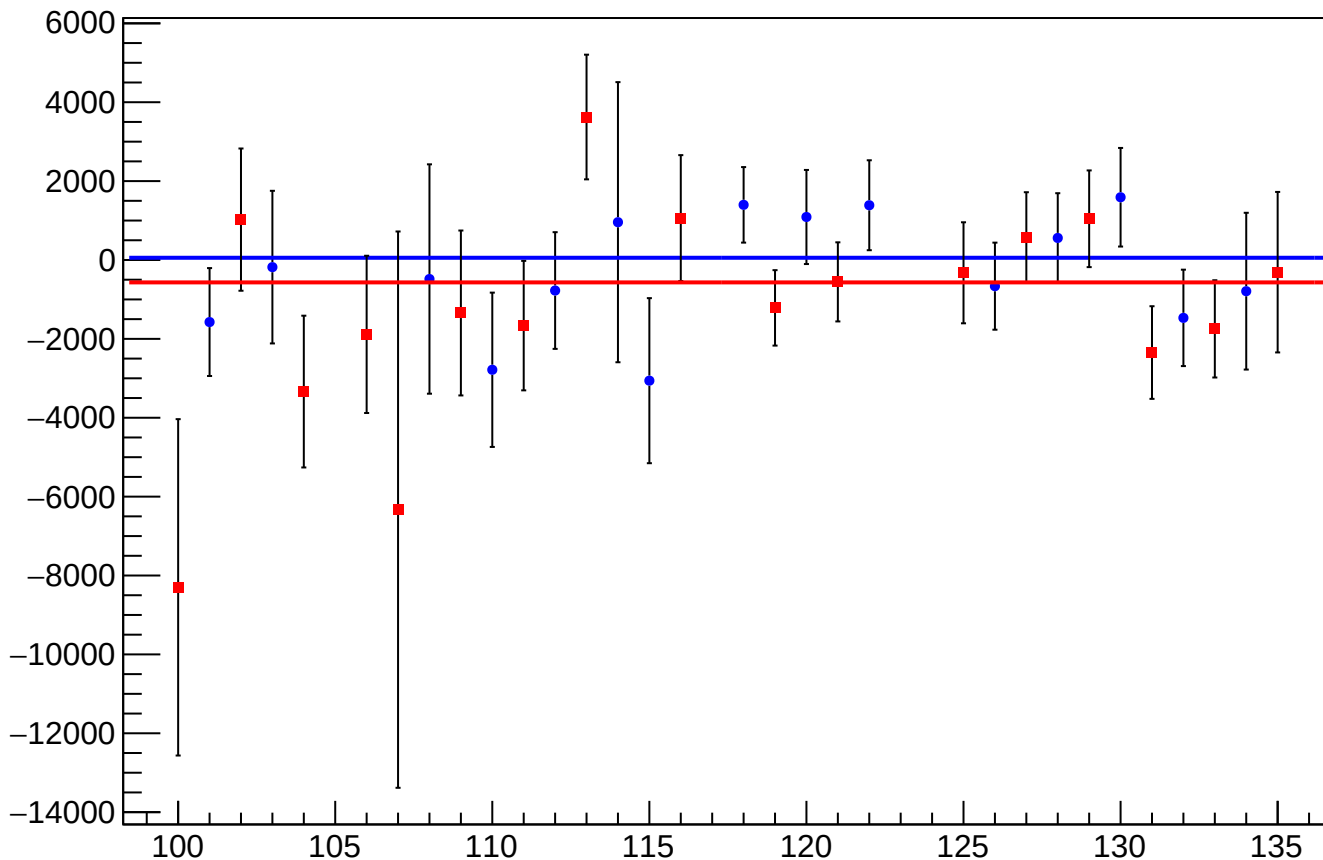
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.901+/-0.213 χ^2/NDF : 19164.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_mean vs Slug



Right In: 56.371+/-361.109 χ^2/NDF : 14.1/14

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

Right Out: -568.204+/-352.514 χ^2/NDF : 22.3/16

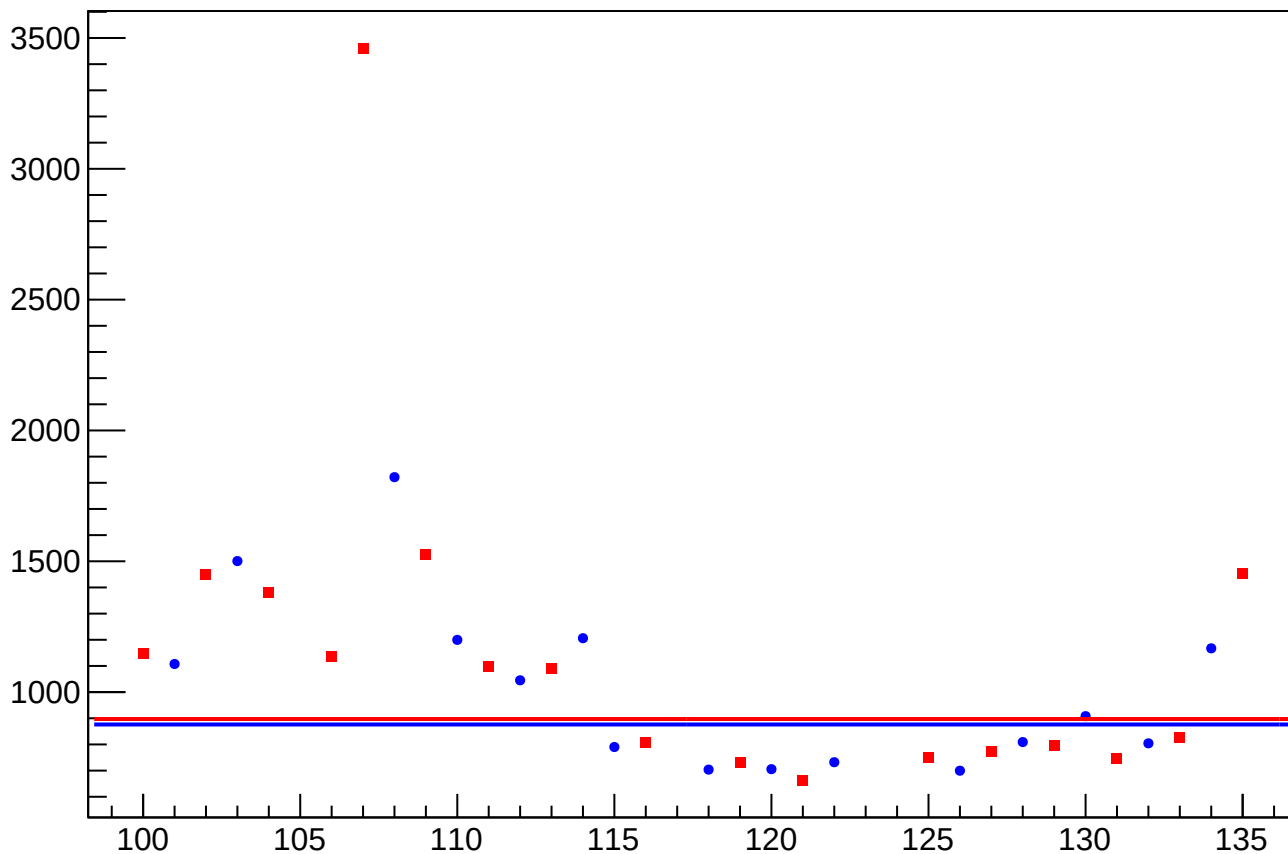
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -263.439+/-252.249 χ^2/NDF : 38.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_correction_rms vs Slug



Right In: 876.270+/-0.255 χ^2/NDF : 825472.8/14

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

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

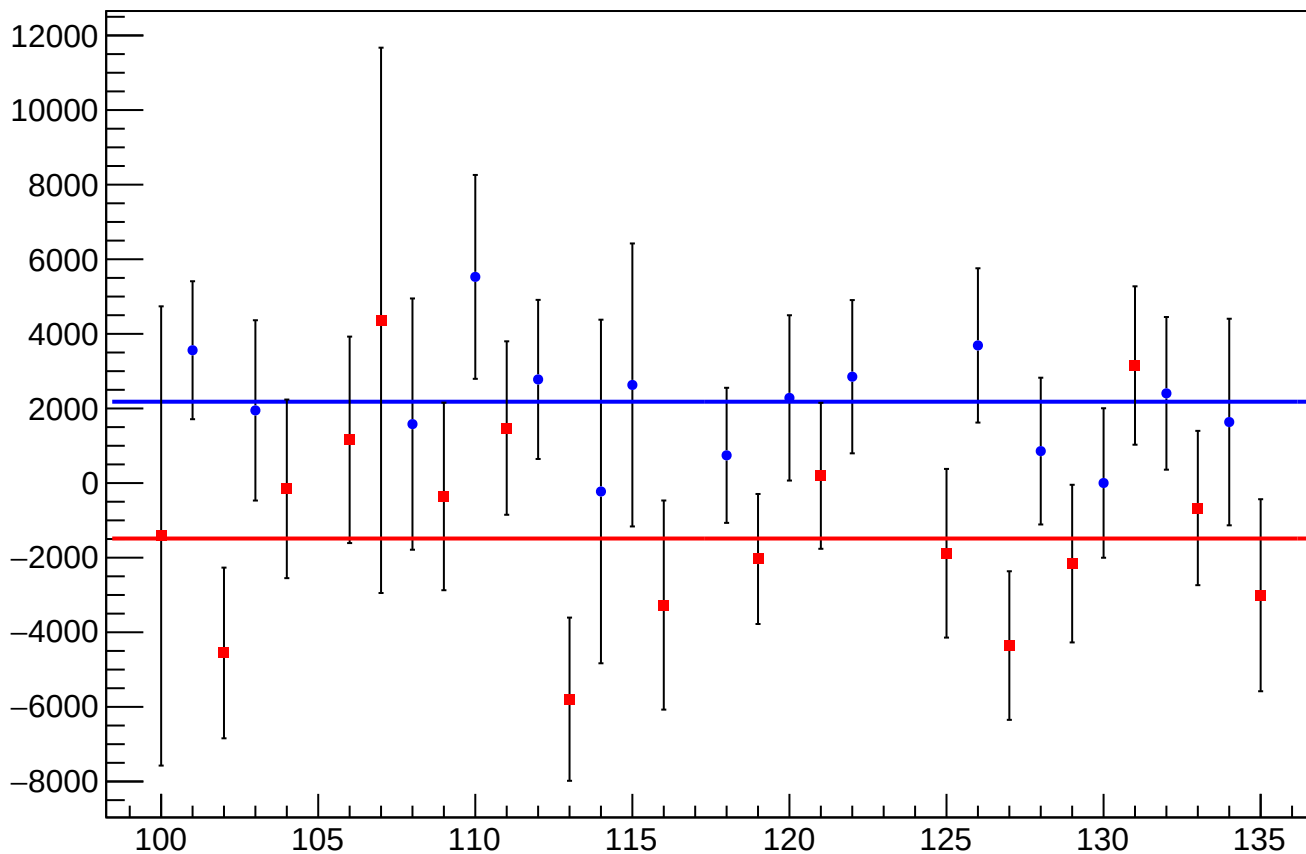
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 887.004+/-0.178 χ^2/NDF : 2111532.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_mean vs Slug



Right In: 2180.963 $\pm$ 589.436 χ^2 /NDF: 5.4/14

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

Right Out: -1486.609 $\pm$ 568.971 χ^2 /NDF: 18.1/16

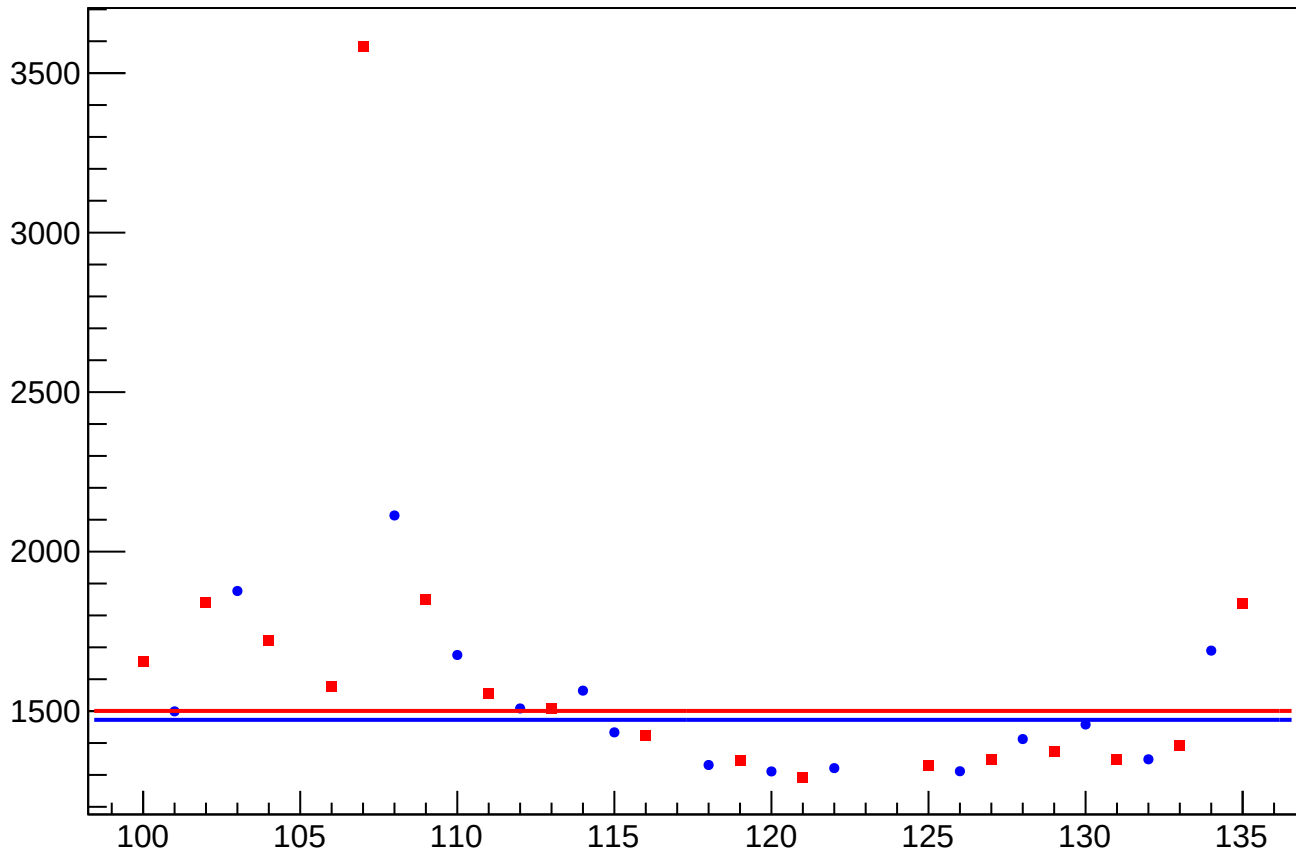
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 282.402 $\pm$ 409.367 χ^2 /NDF: 43.6/31

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

asym_usl_rms vs Slug



Right In: 1472.658+/-0.417 χ^2/NDF : 208732.2/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

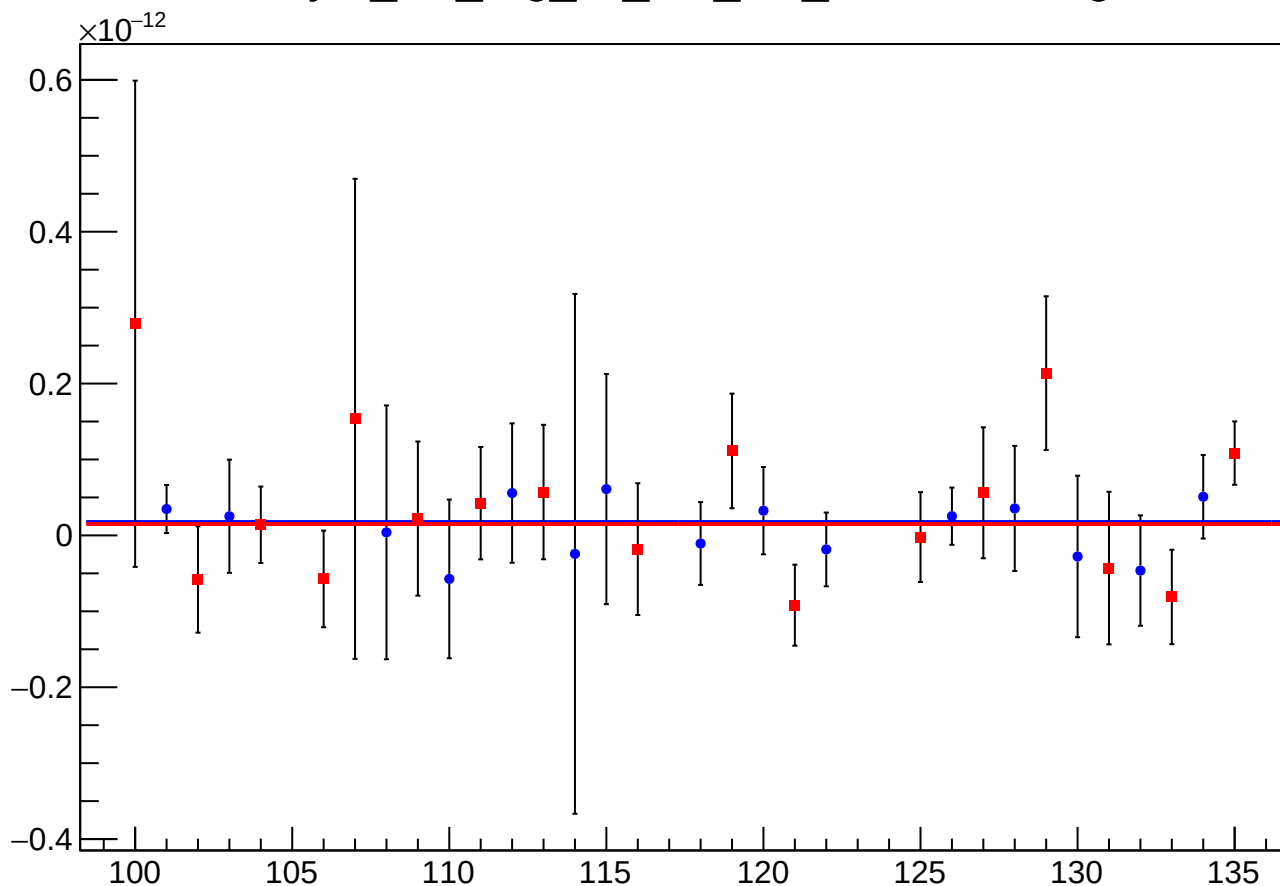
Right Out: 1500.621+/-0.402 χ^2/NDF : 387546.1/16

All: 1487.134+/-0.289 χ^2/NDF : 598608.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usl_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 3.4/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.3/16

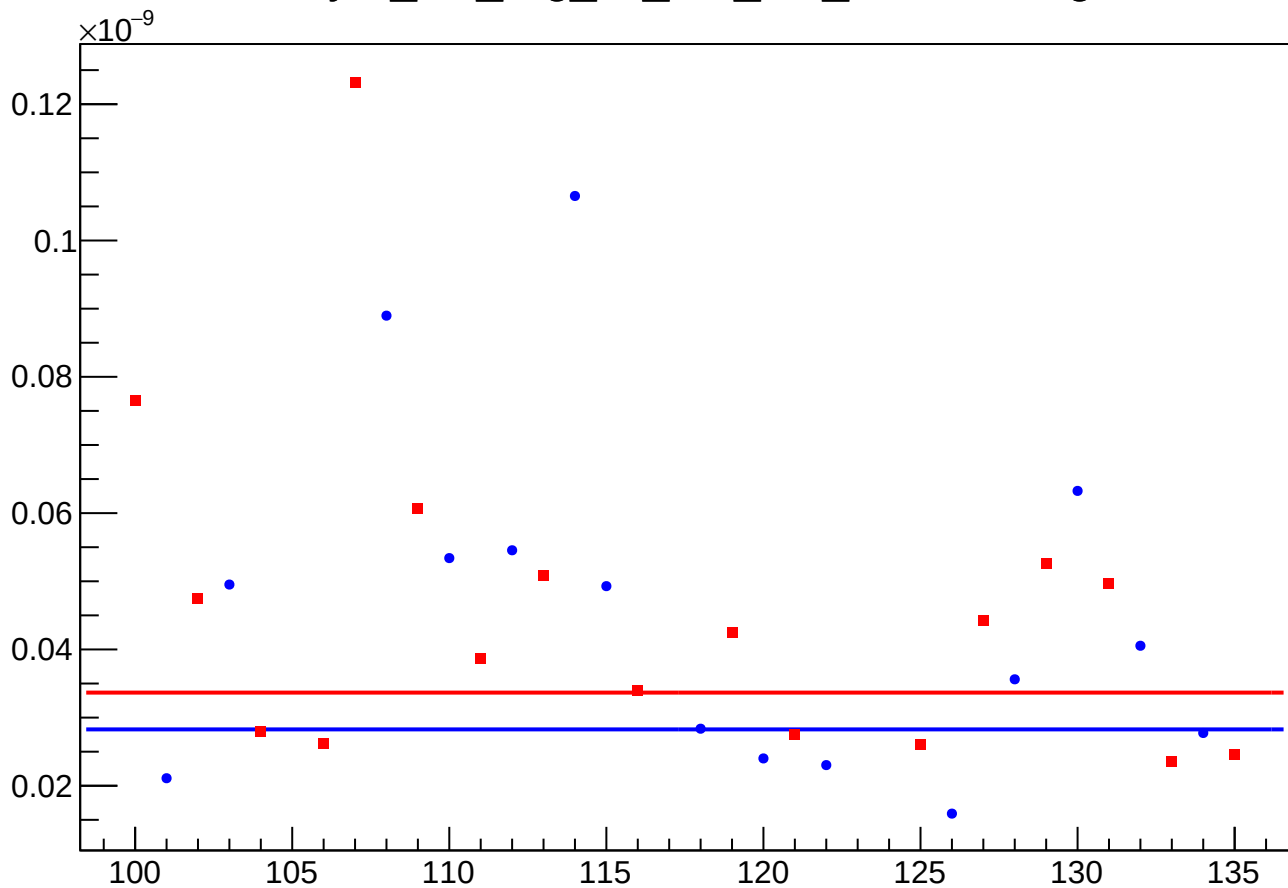
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.7/31

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

asym_usl_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1489986.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 938825.1/16

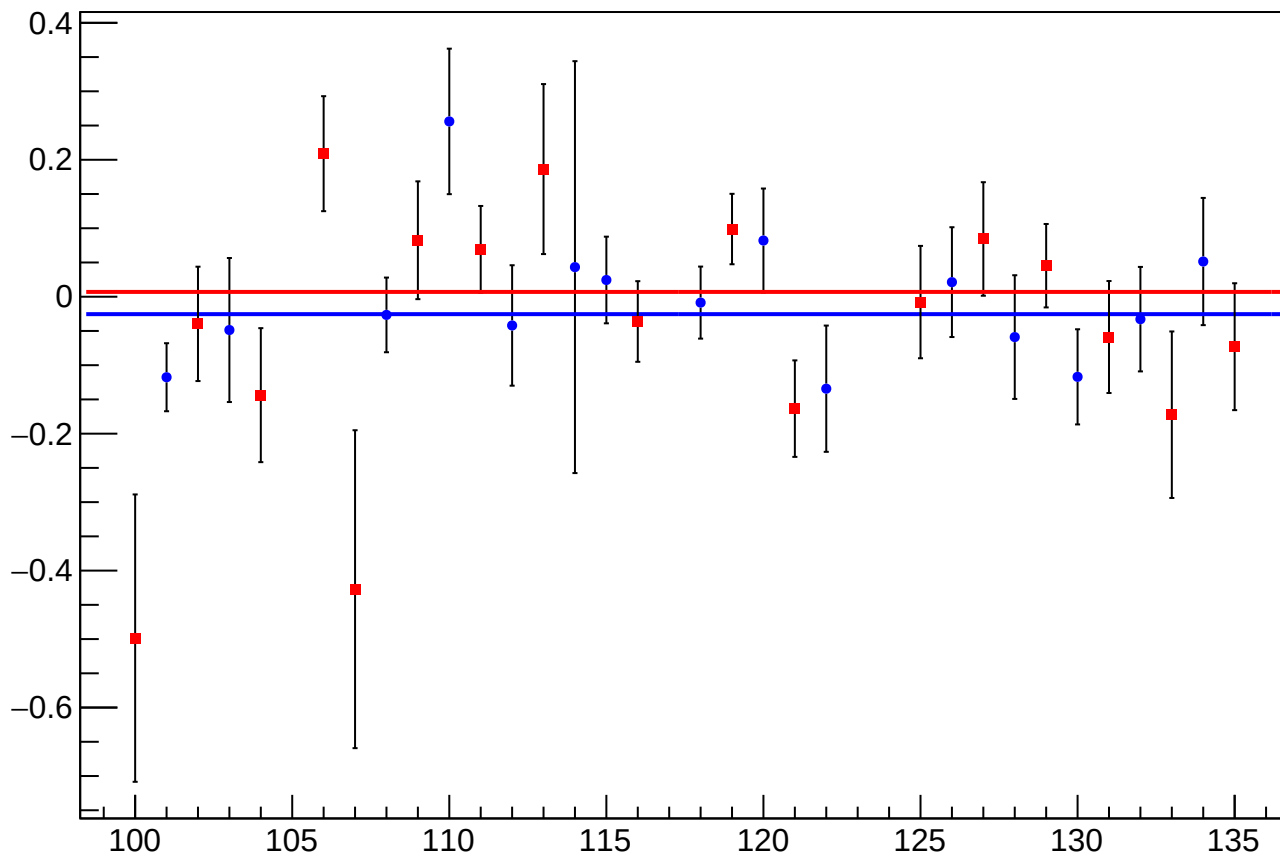
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2535553.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: 0.007 ± 0.019 χ^2/NDF : 36.0/16

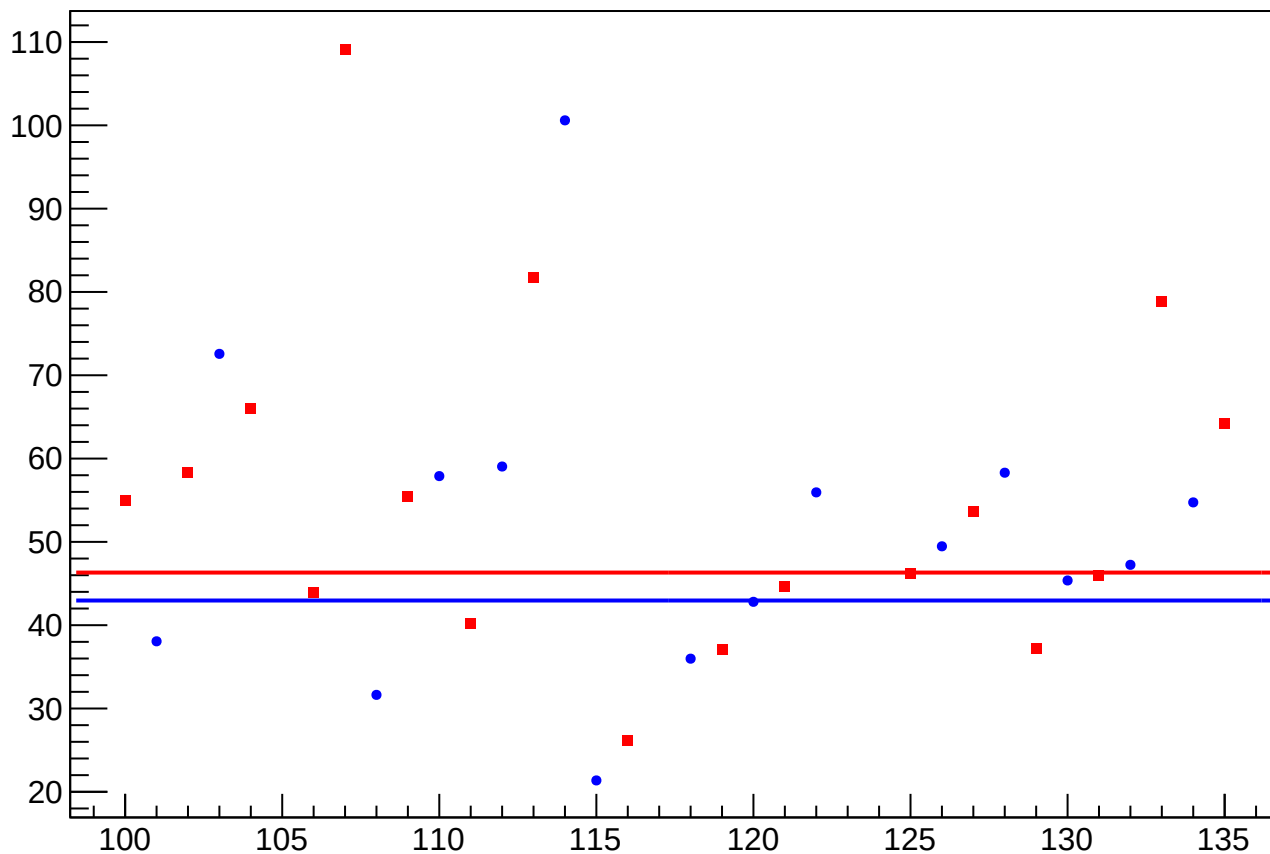
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.014 χ^2/NDF : 55.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_cor_diff_rms vs Slug



Right In: 42.962+/-0.014 χ^2/NDF : 863522.8/14

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

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

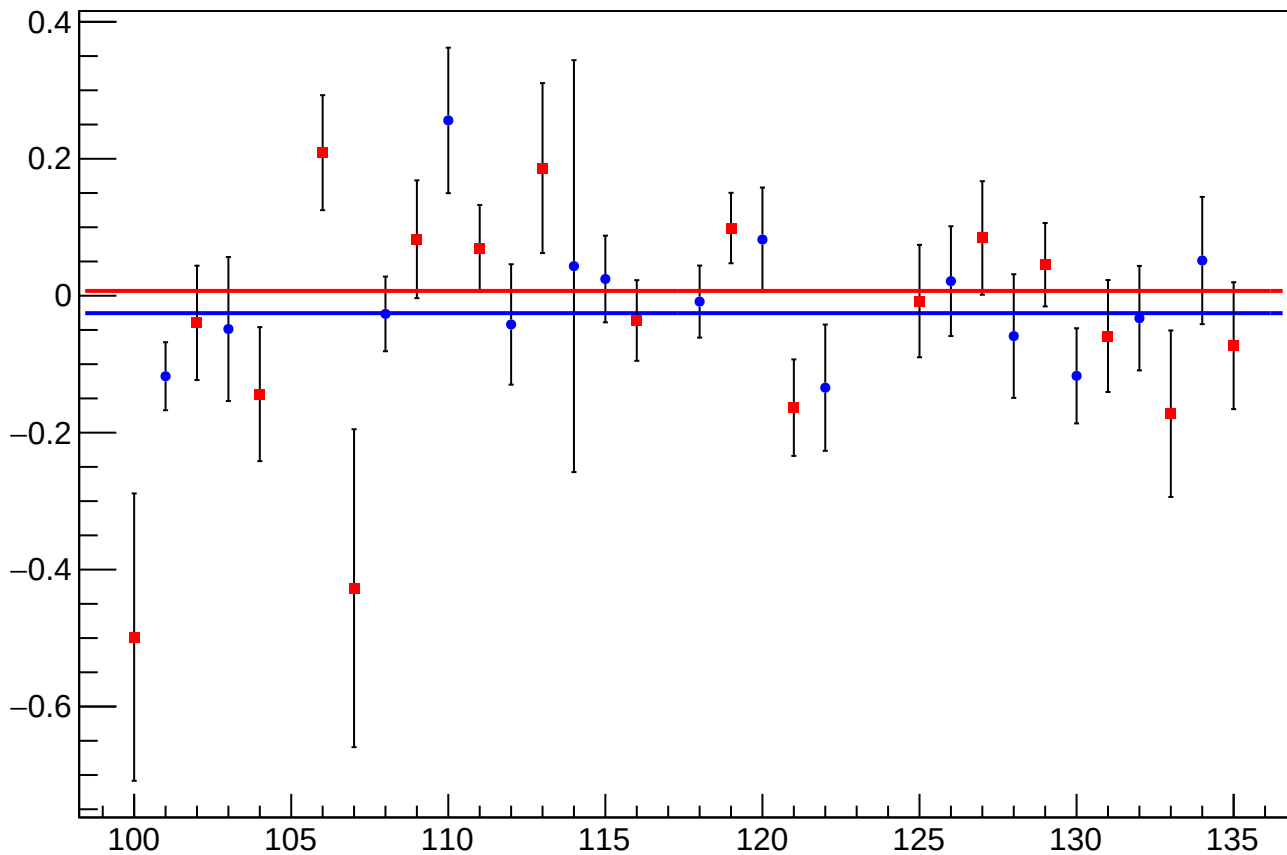
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.611+/-0.010 χ^2/NDF : 1947682.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 ± 0.019 χ^2/NDF : 17.6/14

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

Right Out: 0.007 ± 0.019 χ^2/NDF : 36.0/16

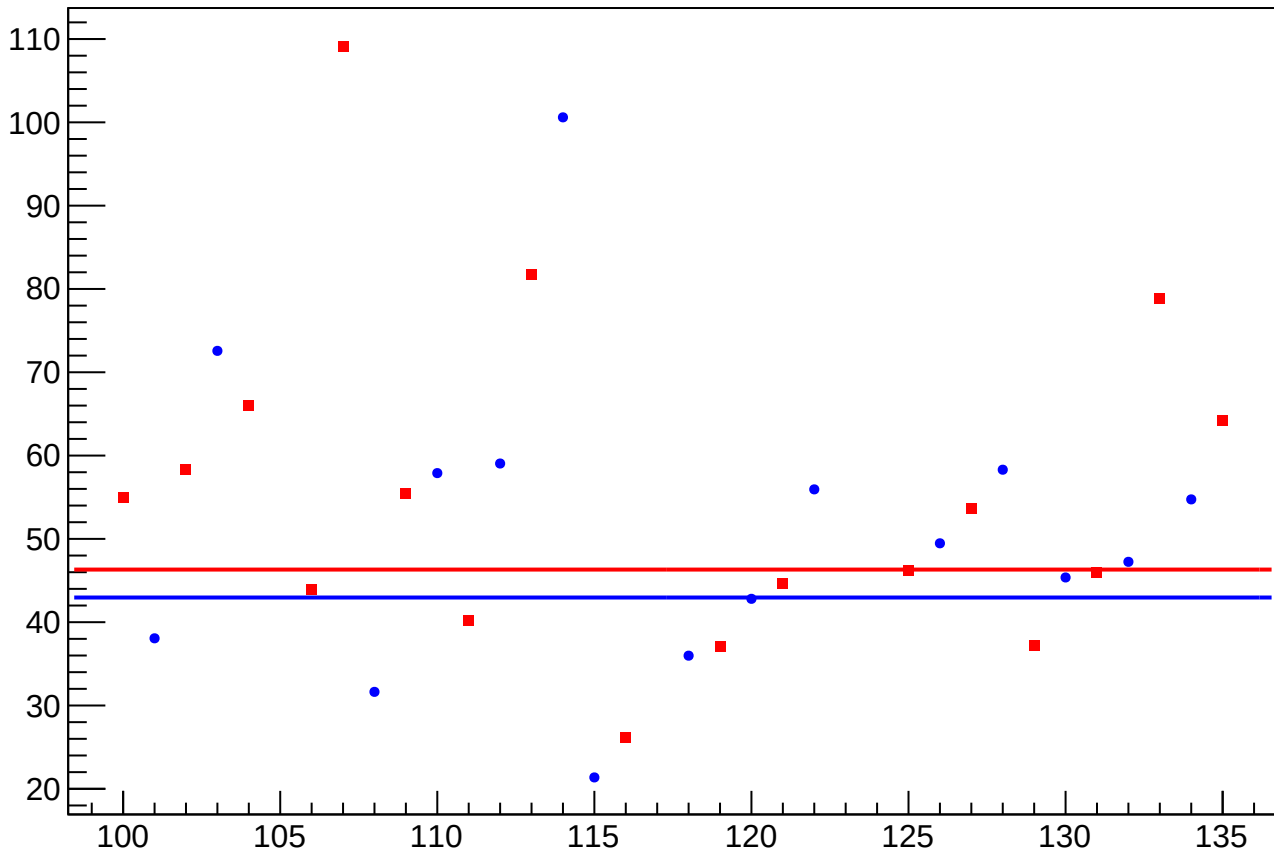
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.014 χ^2/NDF : 55.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.962+/-0.014 χ^2/NDF : 863522.8/14

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

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

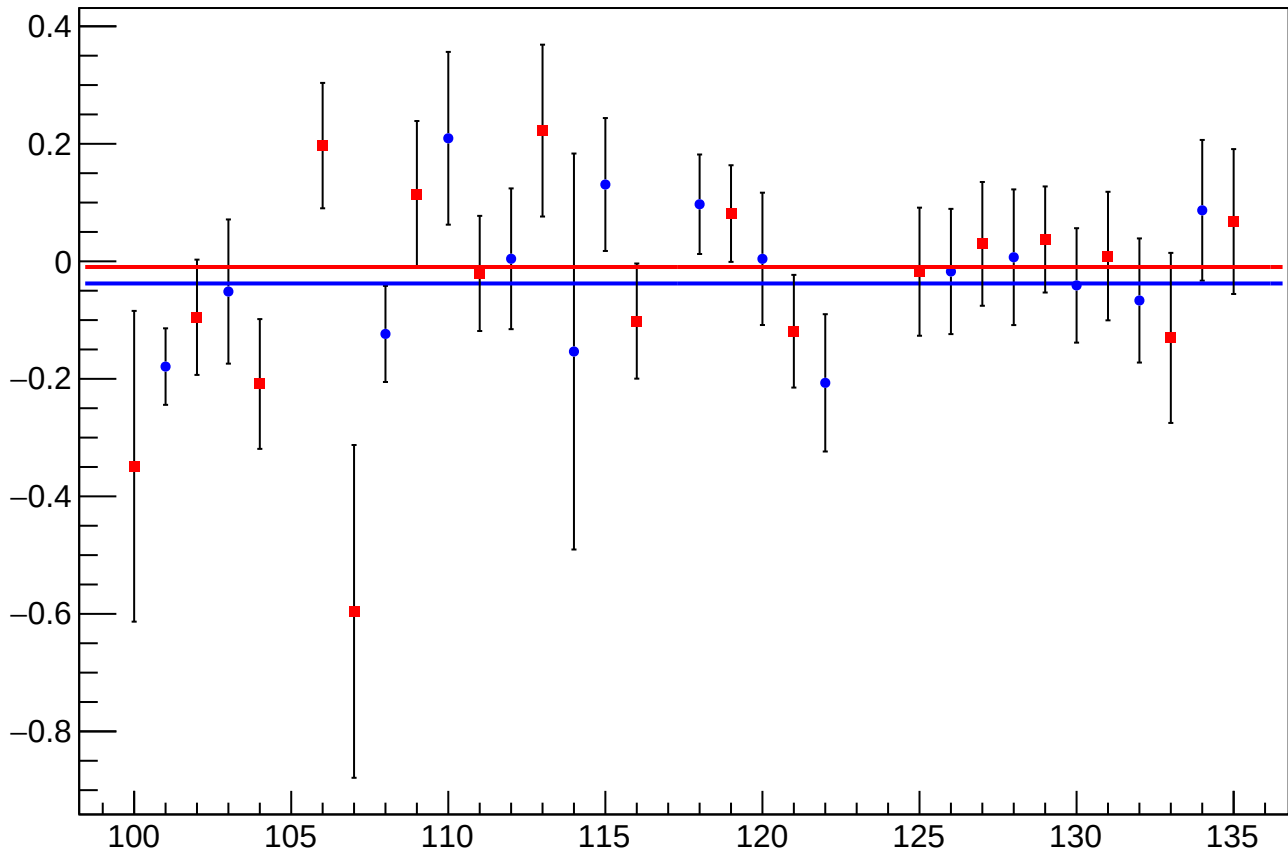
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.611+/-0.010 χ^2/NDF : 1947682.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.038 ± 0.027 $\chi^2/\text{NDF}: 17.2/14$

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

Right Out: -0.010 ± 0.027 $\chi^2/\text{NDF}: 22.2/16$

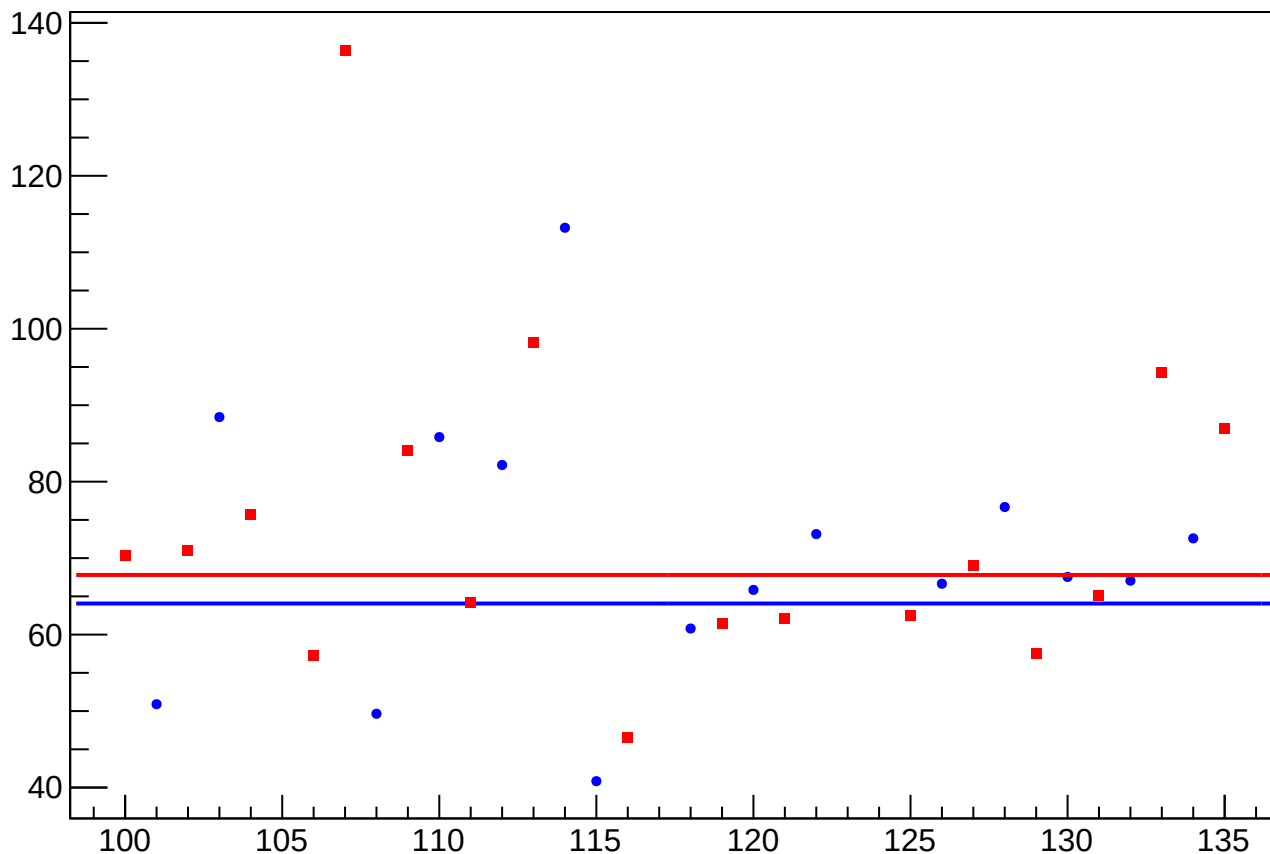
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.024 ± 0.019 $\chi^2/\text{NDF}: 39.9/31$

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

asym_usl_dit_vs_overload_cor_diff_rms vs Slug



Right In: 64.065+/-0.019 χ^2/NDF : 494239.8/14

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

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

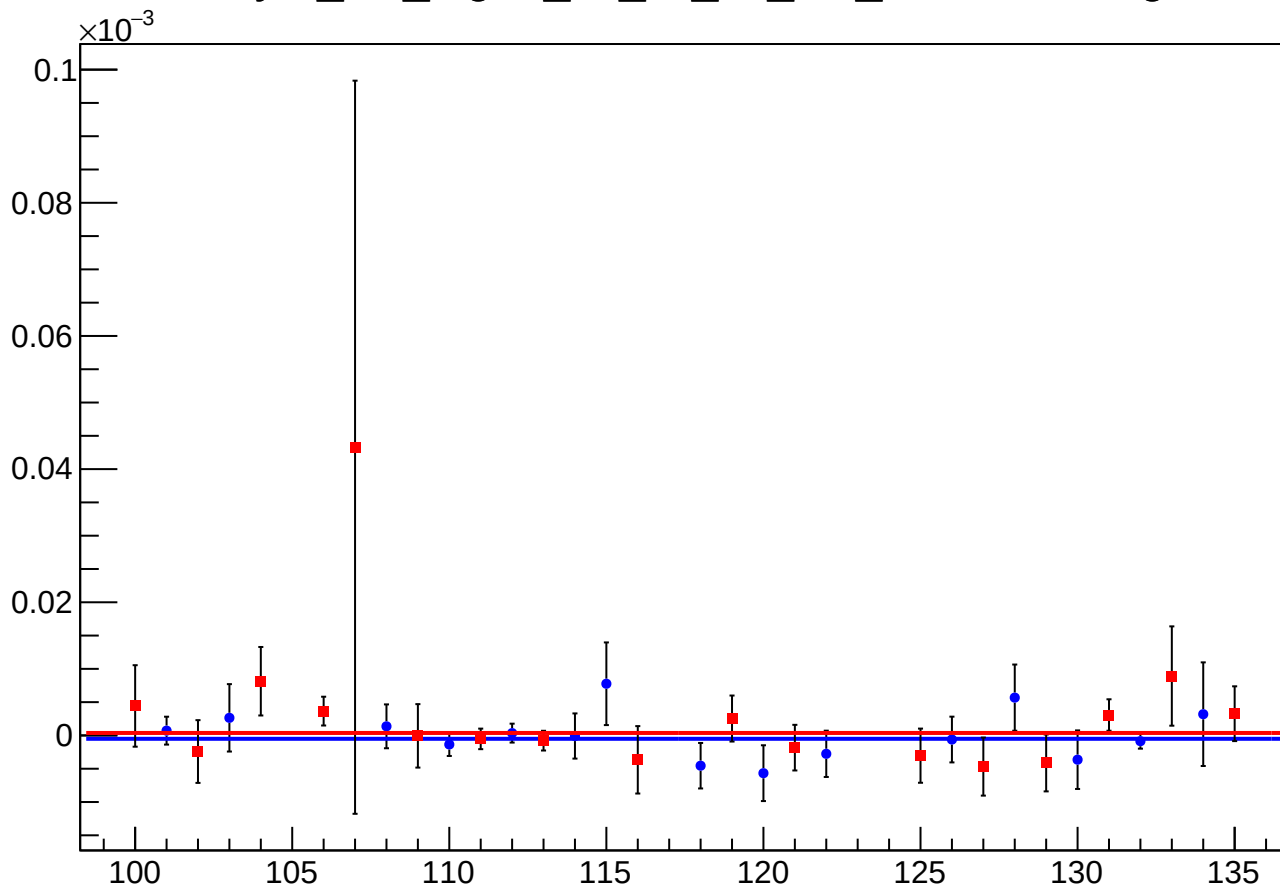
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.929+/-0.013 χ^2/NDF : 1046576.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 9.2/14

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

Right Out: 0.000+/-0.000 χ^2 /NDF: 14.6/16

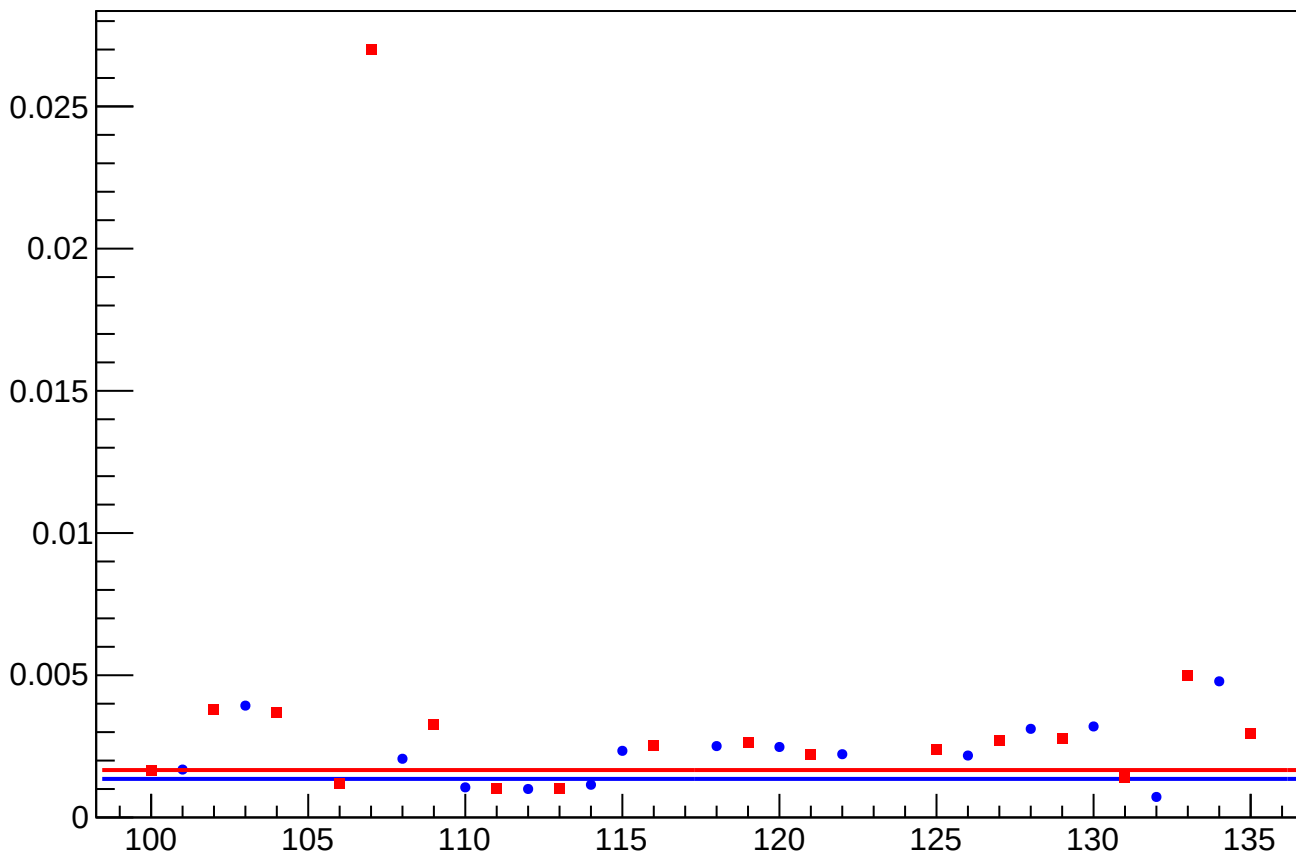
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.6/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3138409.2/14

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

Right Out: 0.002+/-0.000 χ^2/NDF : 3378192.6/16

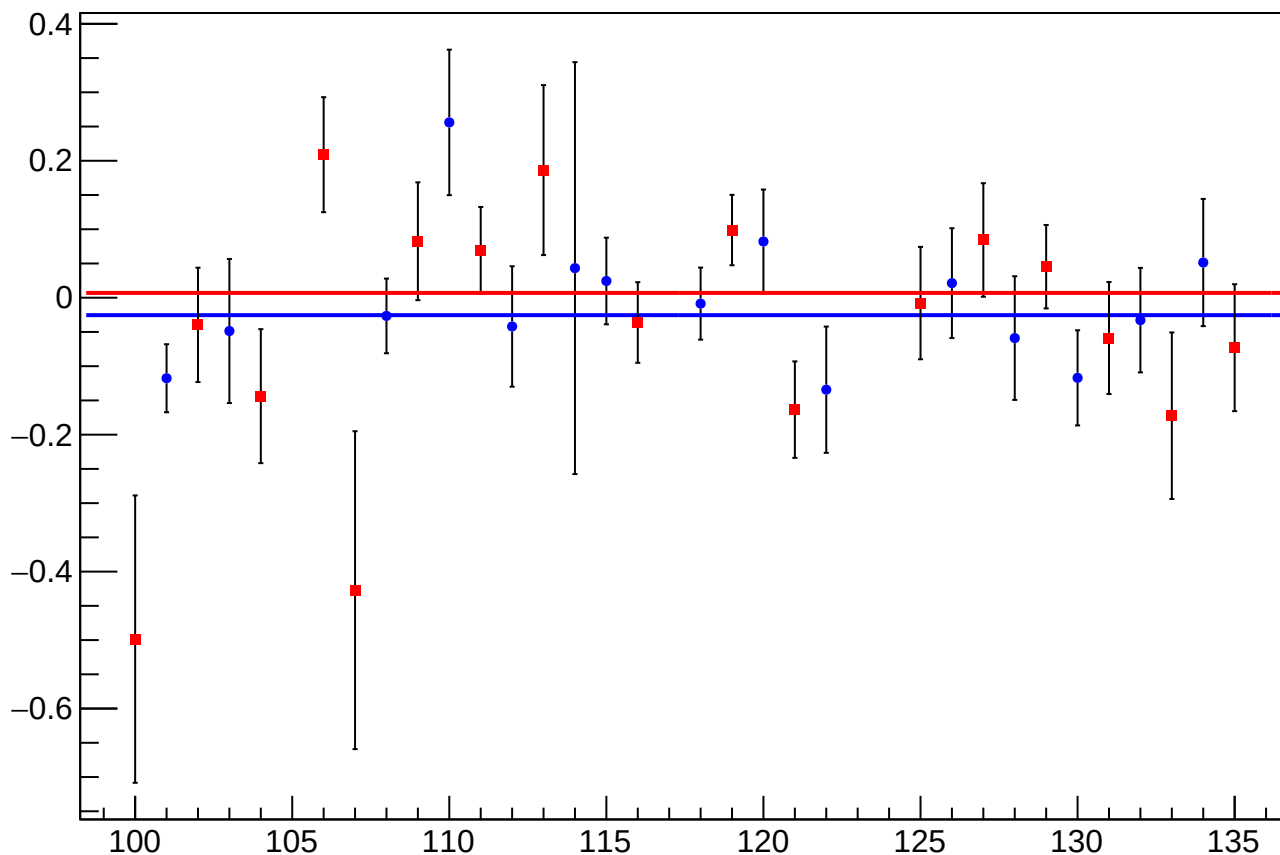
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6724666.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.025 ± 0.019 $\chi^2/\text{NDF}: 17.6/14$

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

Right Out: 0.007 ± 0.019 $\chi^2/\text{NDF}: 36.0/16$

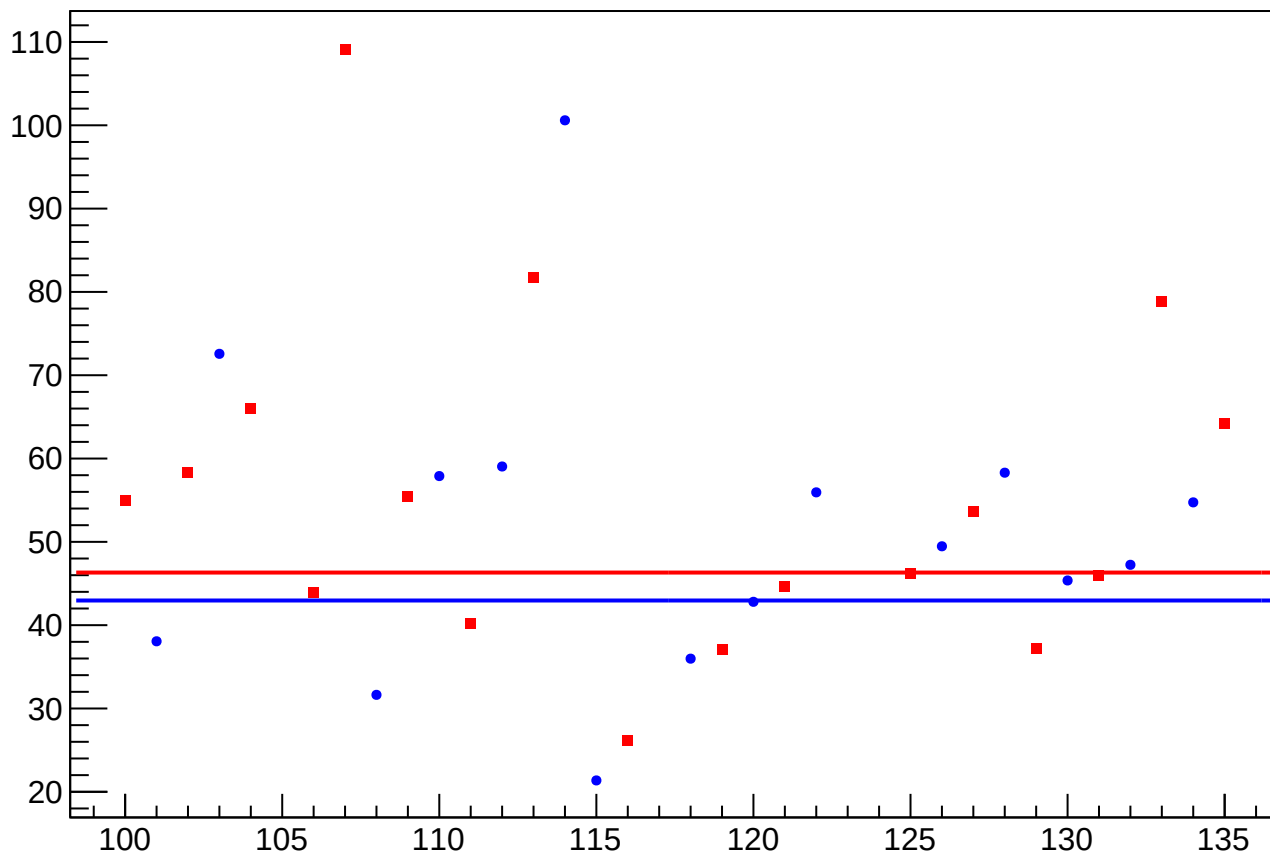
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

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

All: -0.009 ± 0.014 $\chi^2/\text{NDF}: 55.1/31$

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

asym_usl_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.962+/-0.014 χ^2/NDF : 863568.2/14

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

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

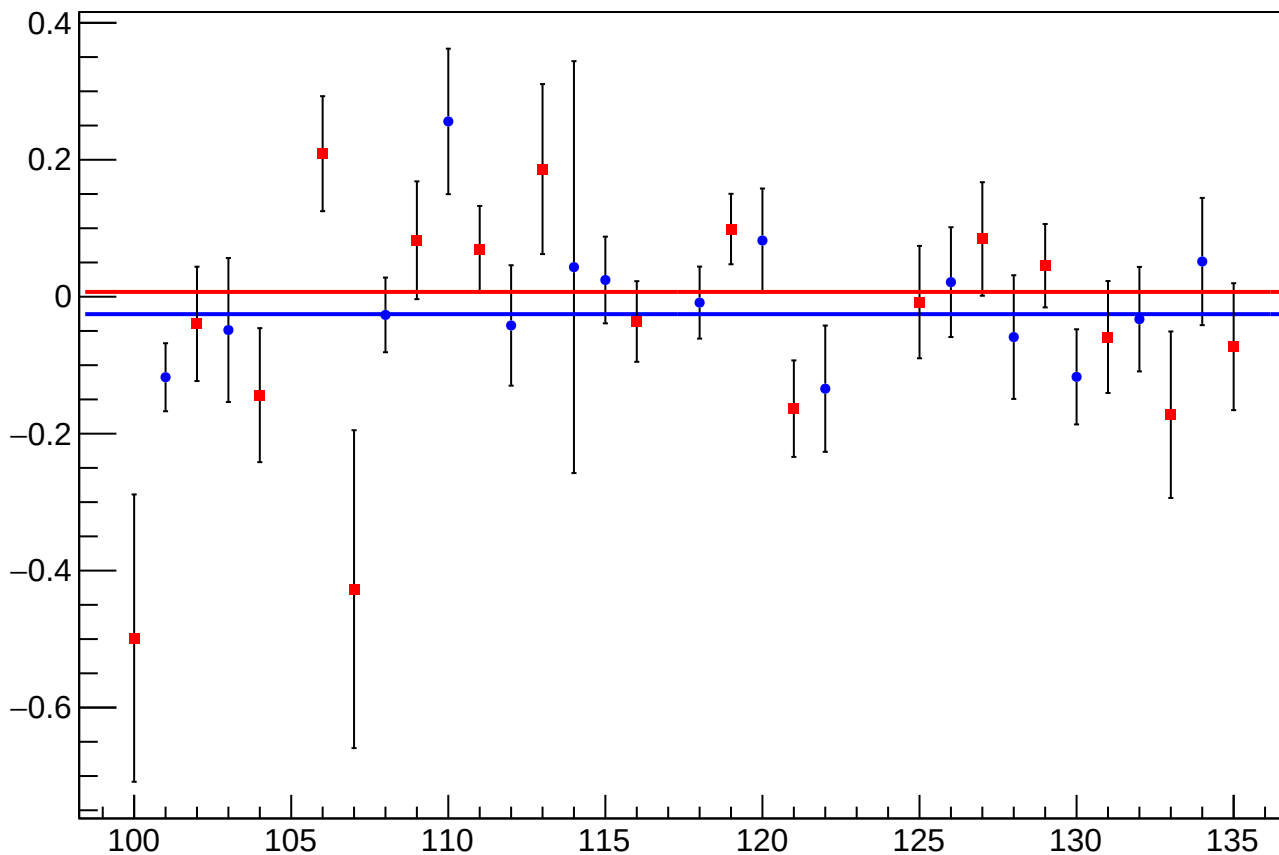
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.610+/-0.010 χ^2/NDF : 1947764.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.025 $\pm$ 0.019 χ^2 /NDF: 17.6/14

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

Right Out: 0.007 $\pm$ 0.019 χ^2 /NDF: 36.0/16

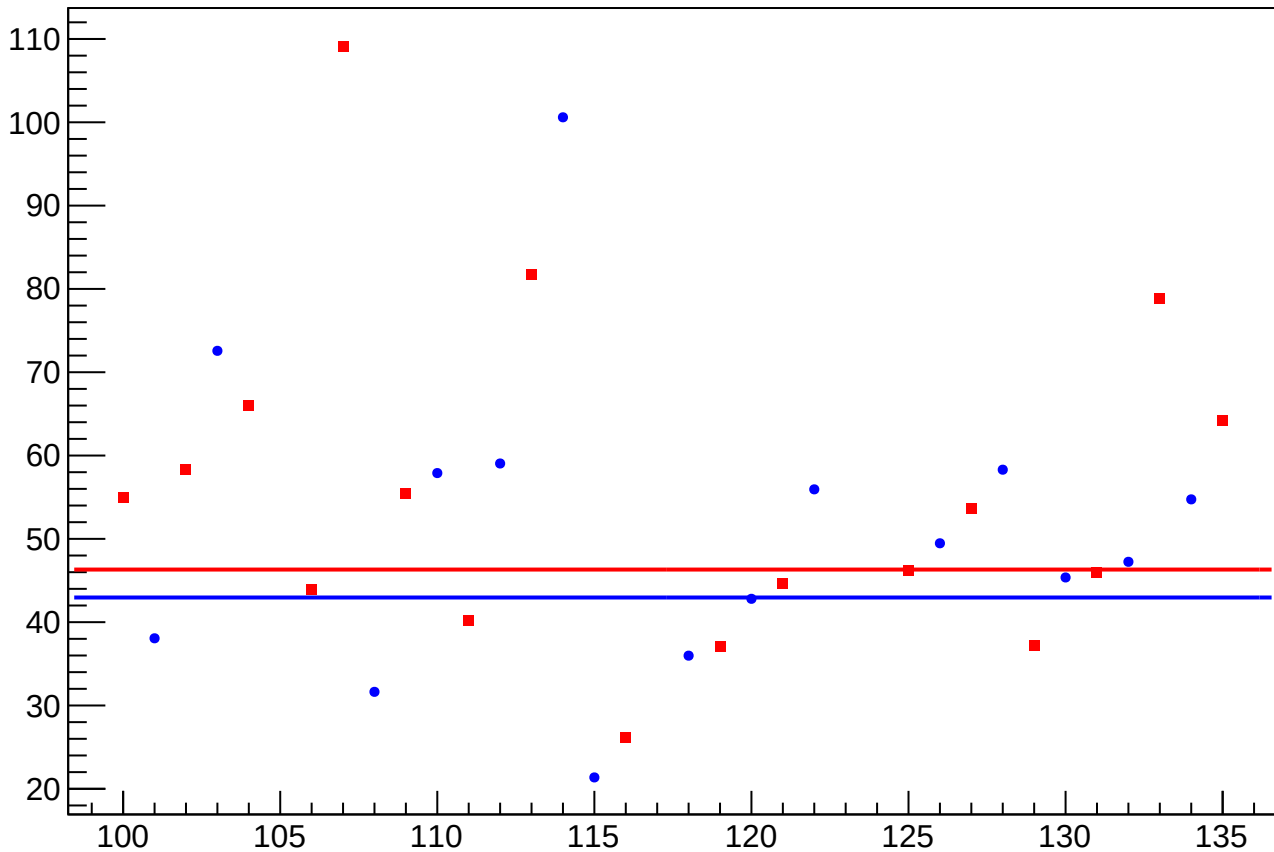
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.009 $\pm$ 0.014 χ^2 /NDF: 55.1/31

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

asym_usl_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.962 $\pm$ 0.014 χ^2 /NDF: 863568.2/14

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

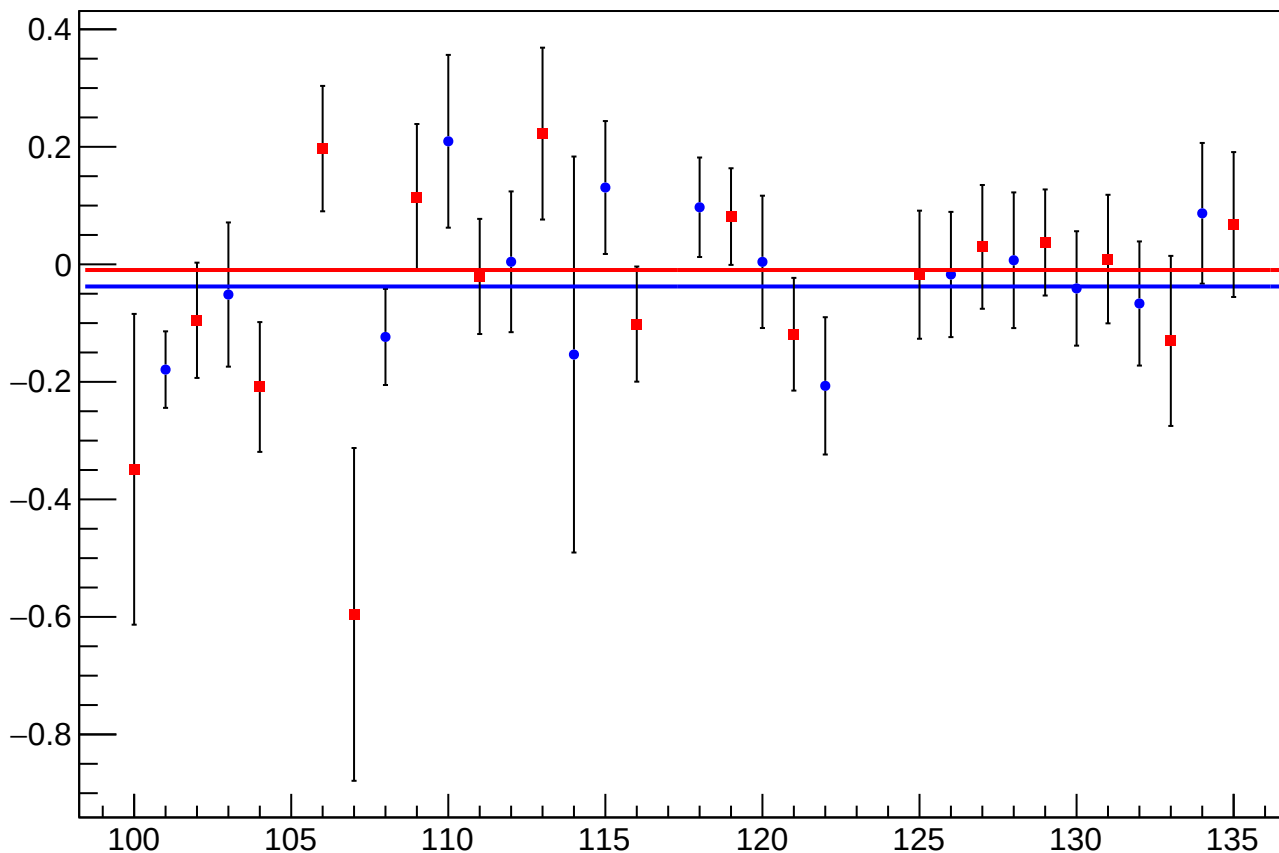
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 44.610 $\pm$ 0.010 χ^2 /NDF: 1947764.2/31

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

asym_usl_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: -0.038 ± 0.027 χ^2/NDF : 17.2/14

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

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

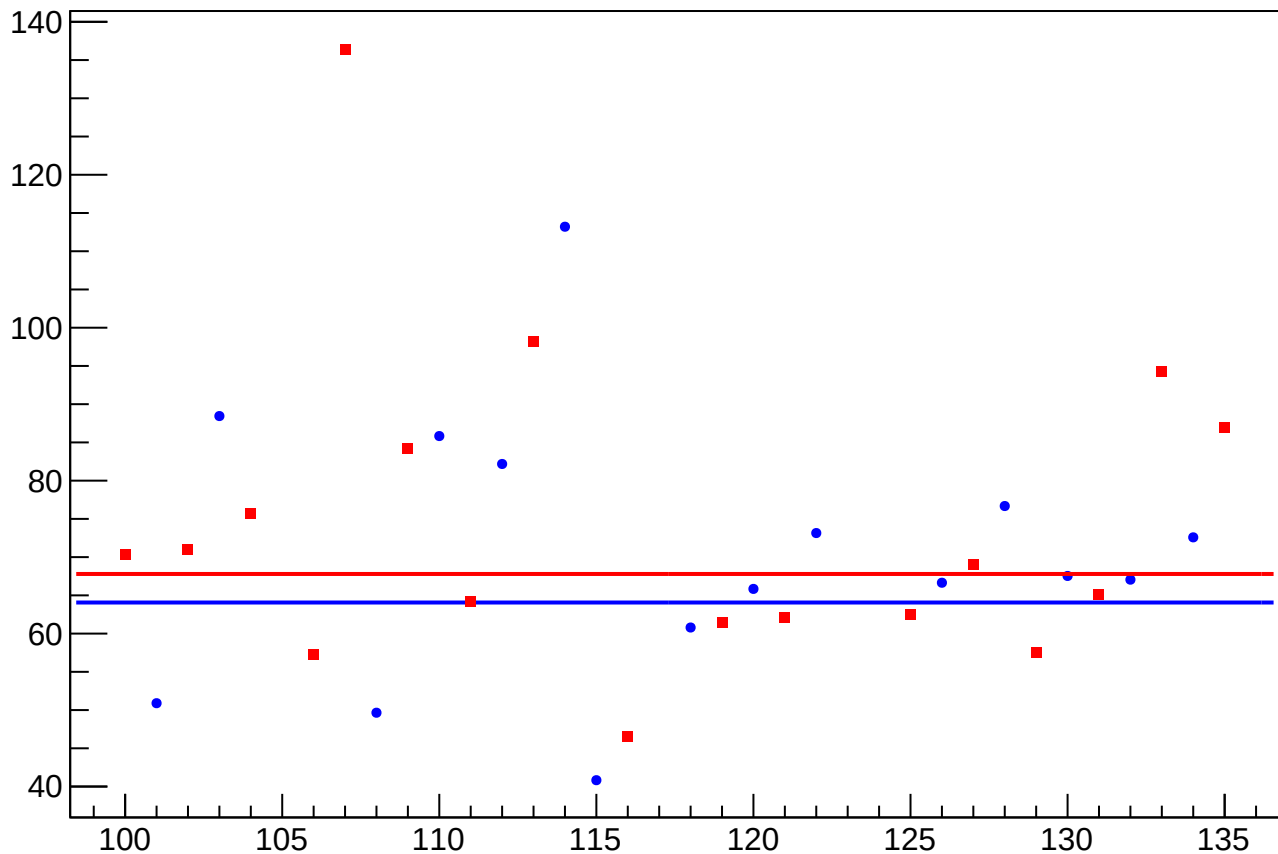
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.024 ± 0.019 χ^2/NDF : 39.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 64.064+/-0.019 χ^2/NDF : 494241.2/14

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

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

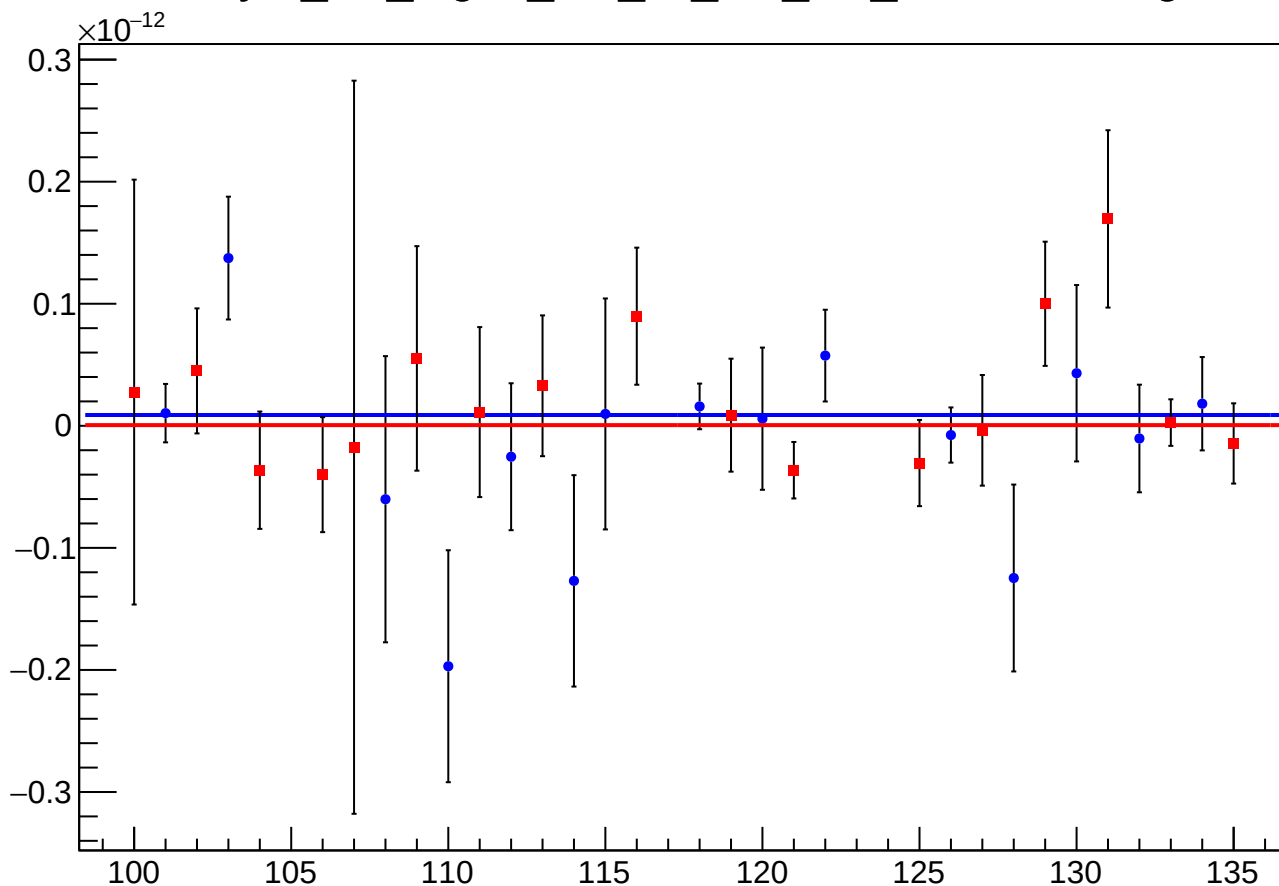
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.929+/-0.013 χ^2/NDF : 1046569.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.2/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/16

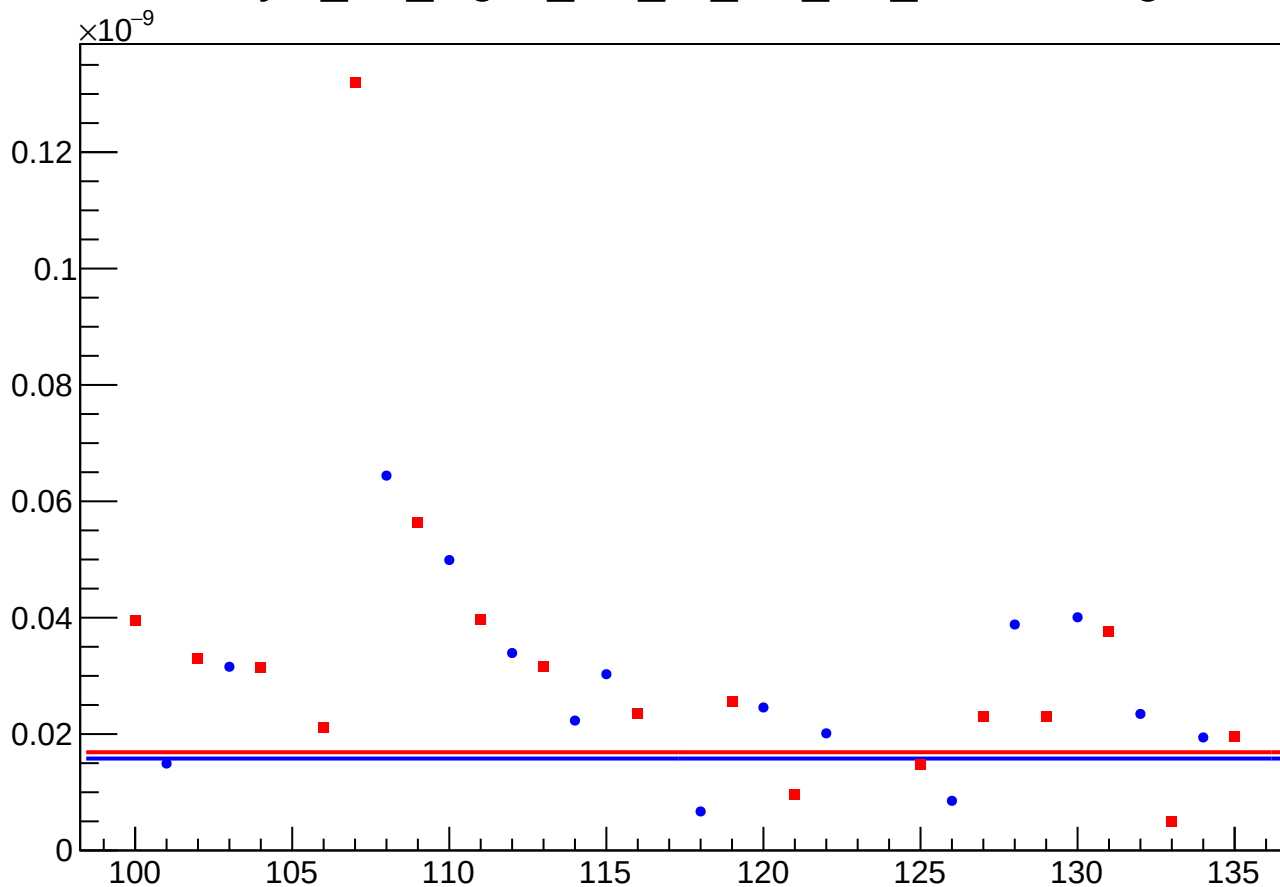
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.7/31

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

asym_usl_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2277941.2/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2761016.5/16

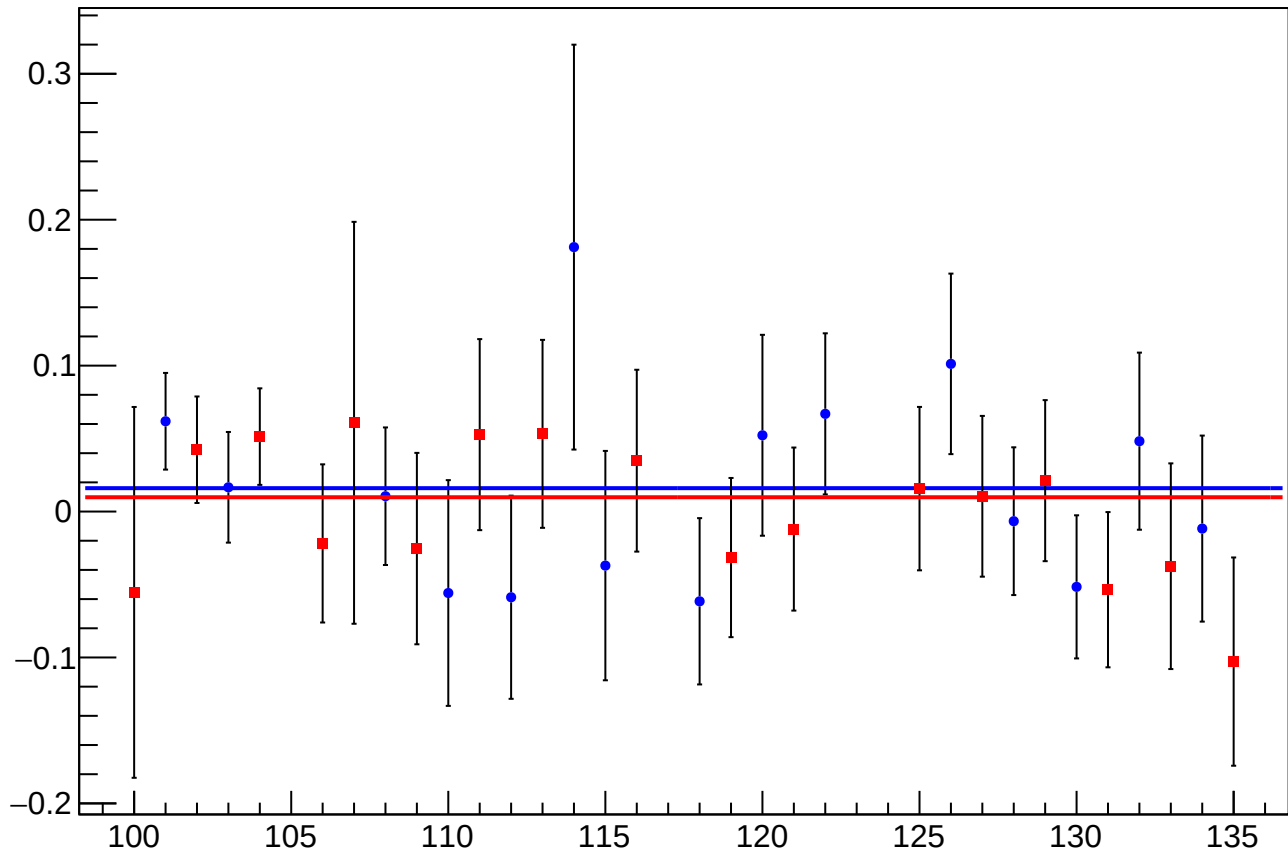
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5050995.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.014 χ^2 /NDF: 13.3/14

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

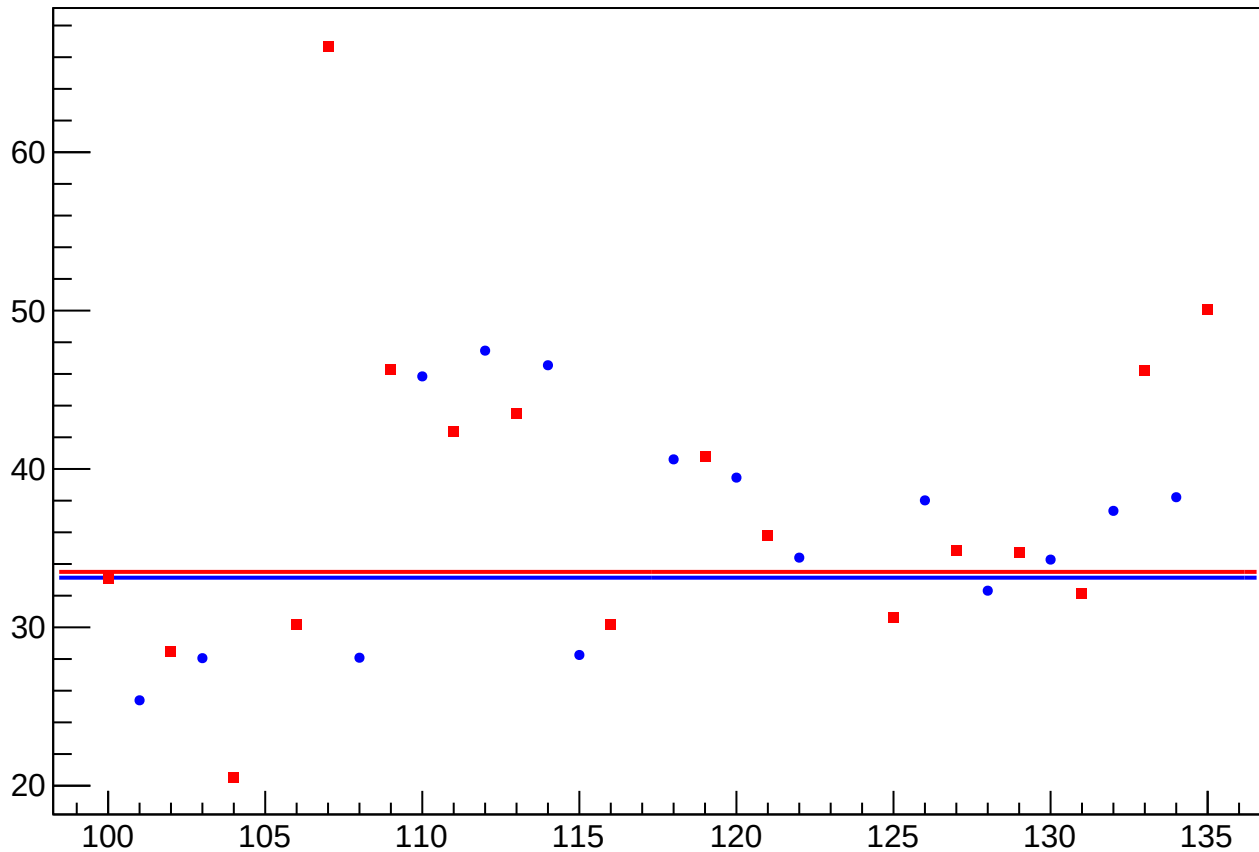
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.013 $\pm$ 0.010 χ^2 /NDF: 23.0/31

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

asym_usl_overload_cor_vs_cor_diff_rms vs Slug



Right In: 33.136+/-0.010 χ^2/NDF : 422053.3/14

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

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

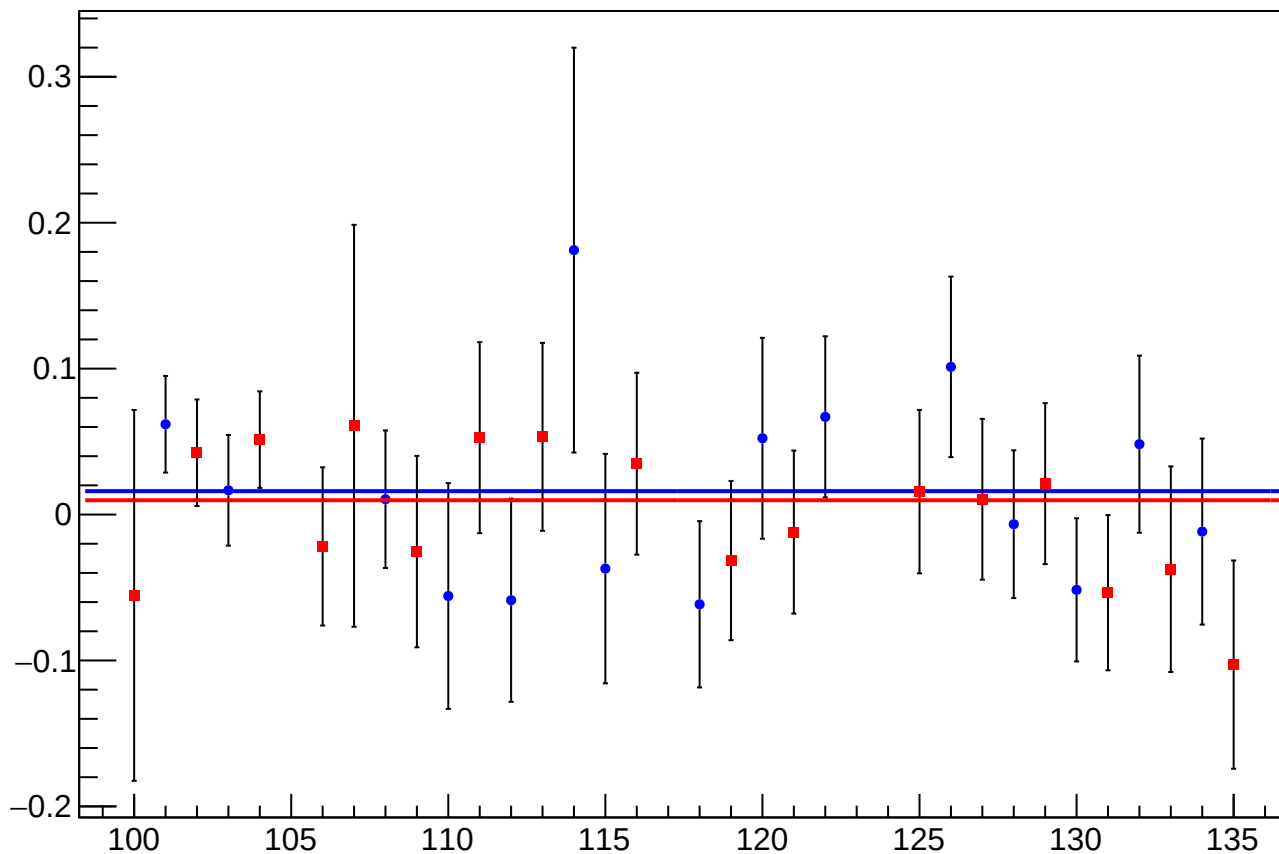
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.326+/-0.007 χ^2/NDF : 1279734.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.016 $\pm$ 0.014 χ^2 /NDF: 13.3/14

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

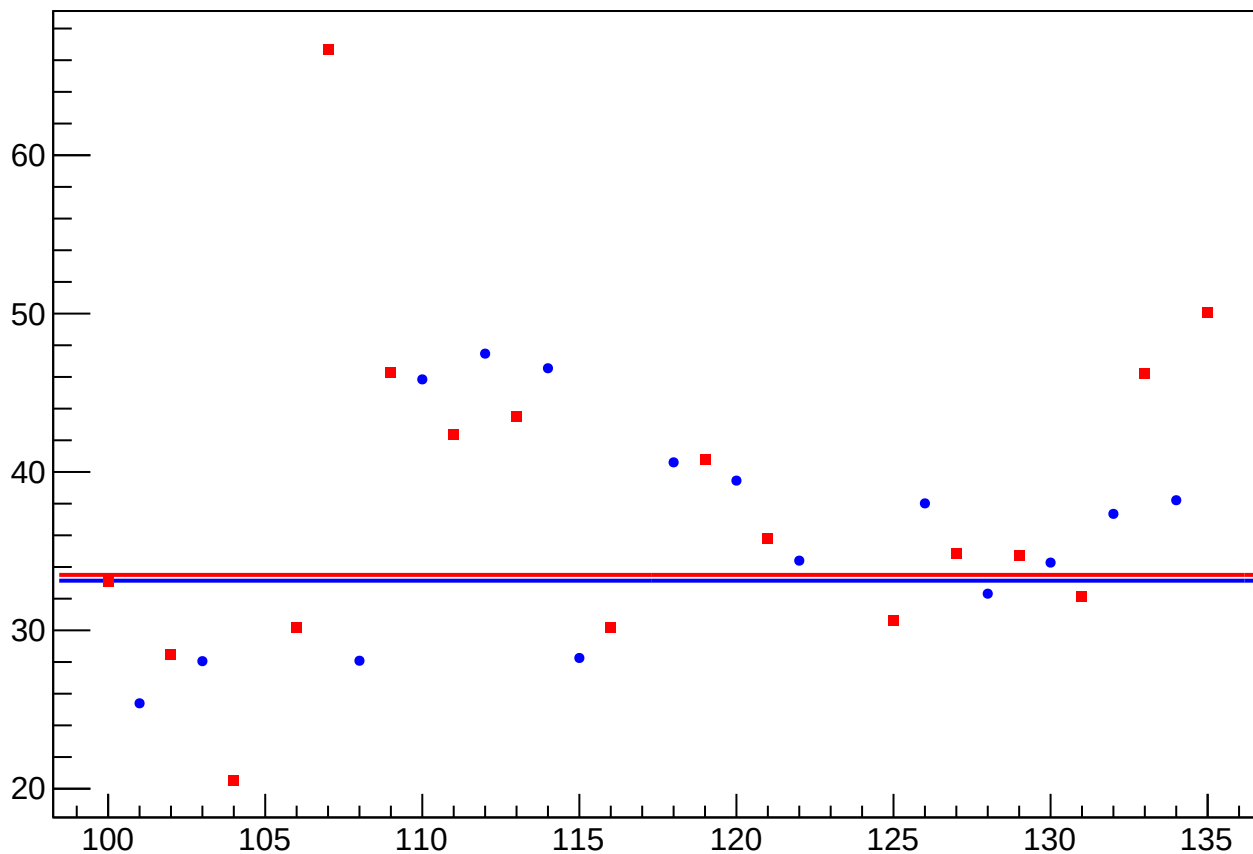
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.013 $\pm$ 0.010 χ^2 /NDF: 23.0/31

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

asym_usl_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 33.136+/-0.010 χ^2 /NDF: 422053.3/14

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

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

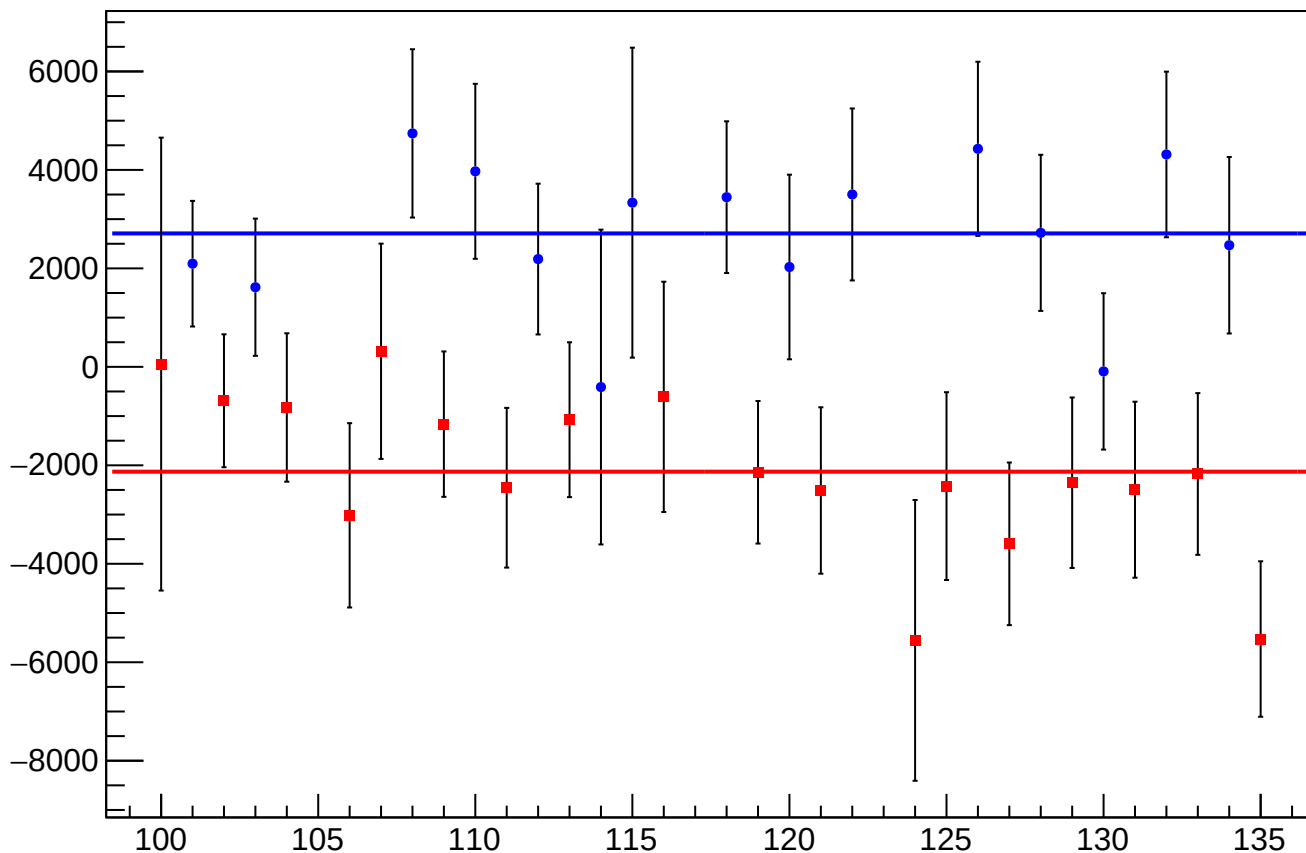
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 33.326+/-0.007 χ^2 /NDF: 1279734.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_mean vs Slug



Right In: 2710.160 $\pm$ 437.438 χ^2 /NDF: 9.4/14

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

Right Out: -2128.924 $\pm$ 409.347 χ^2 /NDF: 11.9/17

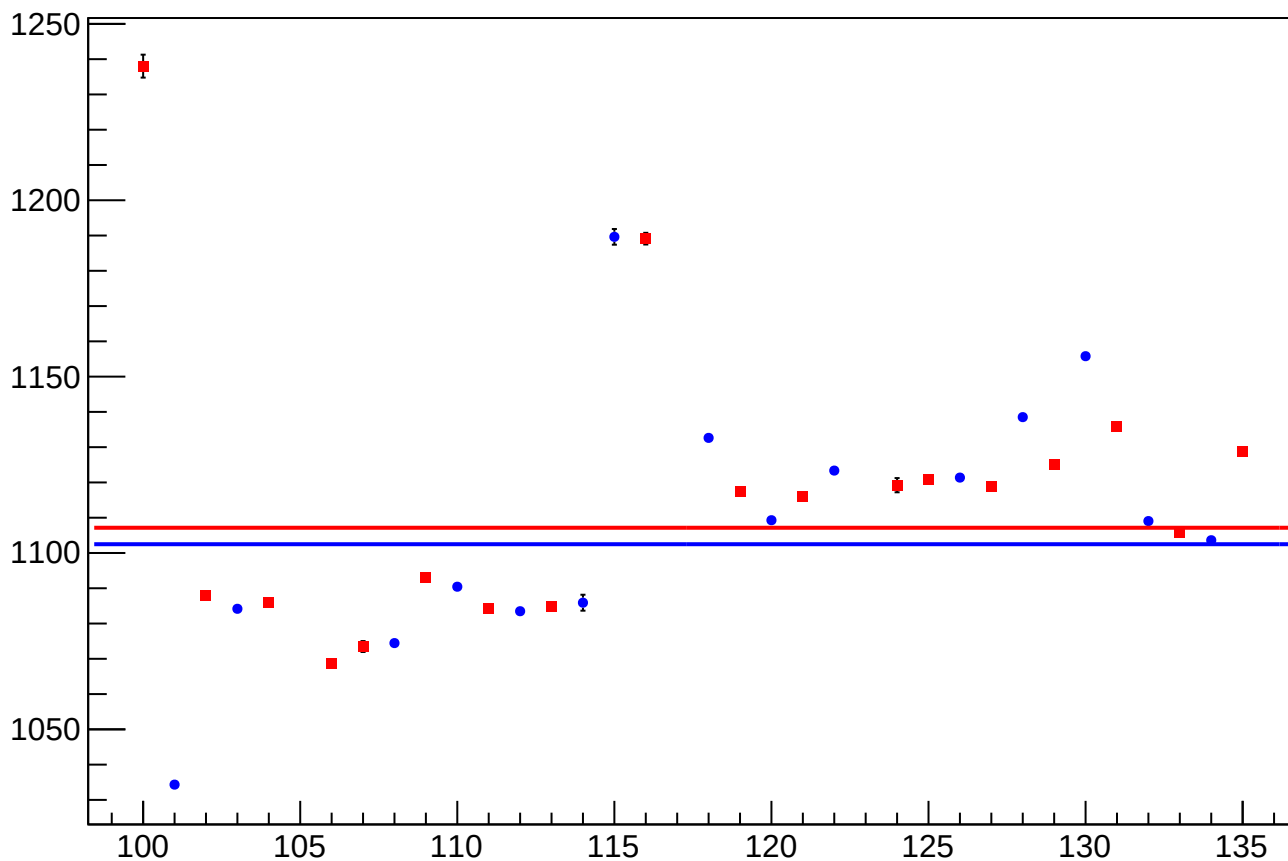
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 130.267 $\pm$ 298.890 χ^2 /NDF: 86.6/32

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

reg_asym_usr_rms vs Slug



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

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

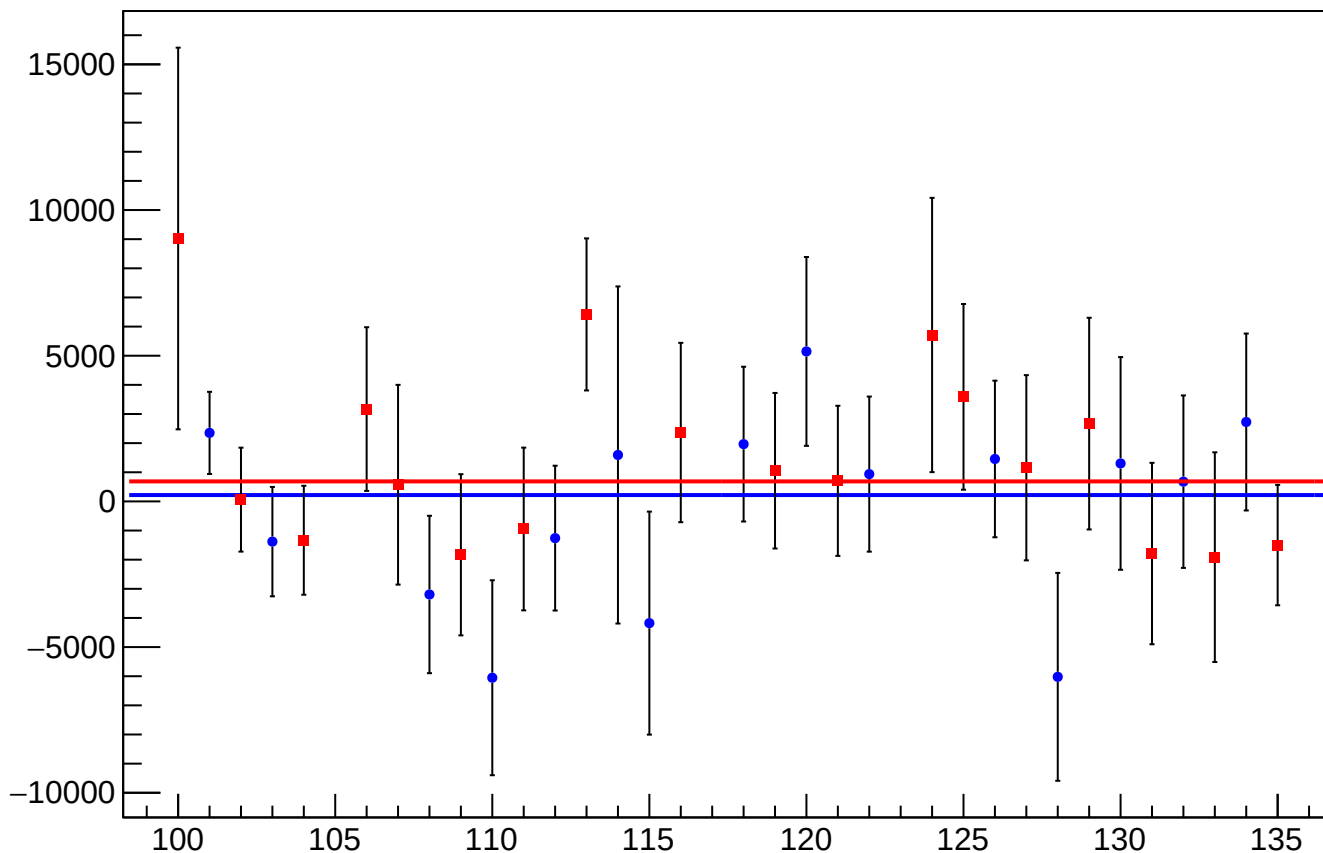
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.976+/-0.211 χ^2/NDF : 22007.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_reg_correction_mean vs Slug



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: 686.660 $\pm$ 649.473 χ^2 /NDF: 14.6/17

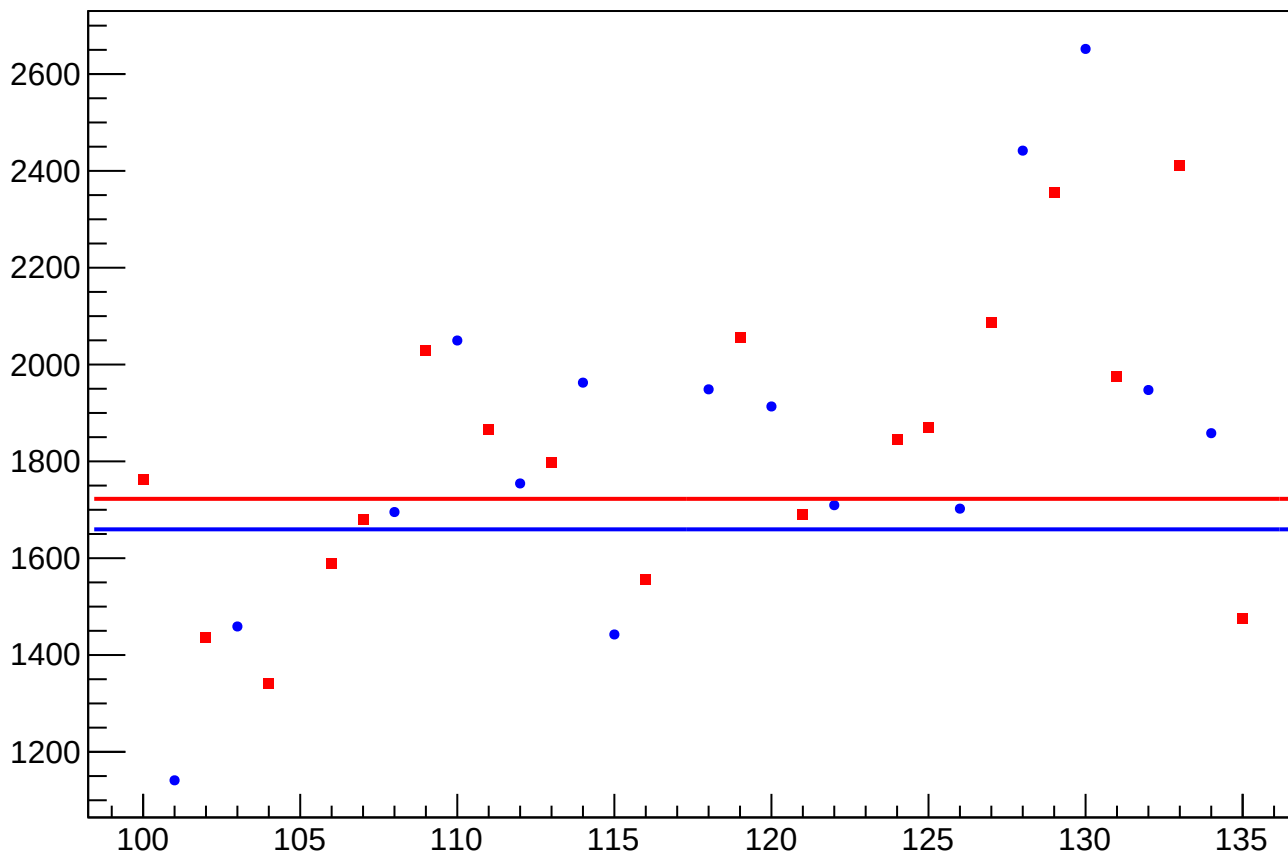
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 462.812 $\pm$ 469.478 χ^2 /NDF: 31.6/32

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

asym_usr_reg_correction_rms vs Slug



Right In: 1659.597 $\pm$ 0.480 χ^2 /NDF: 644347.9/14

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

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

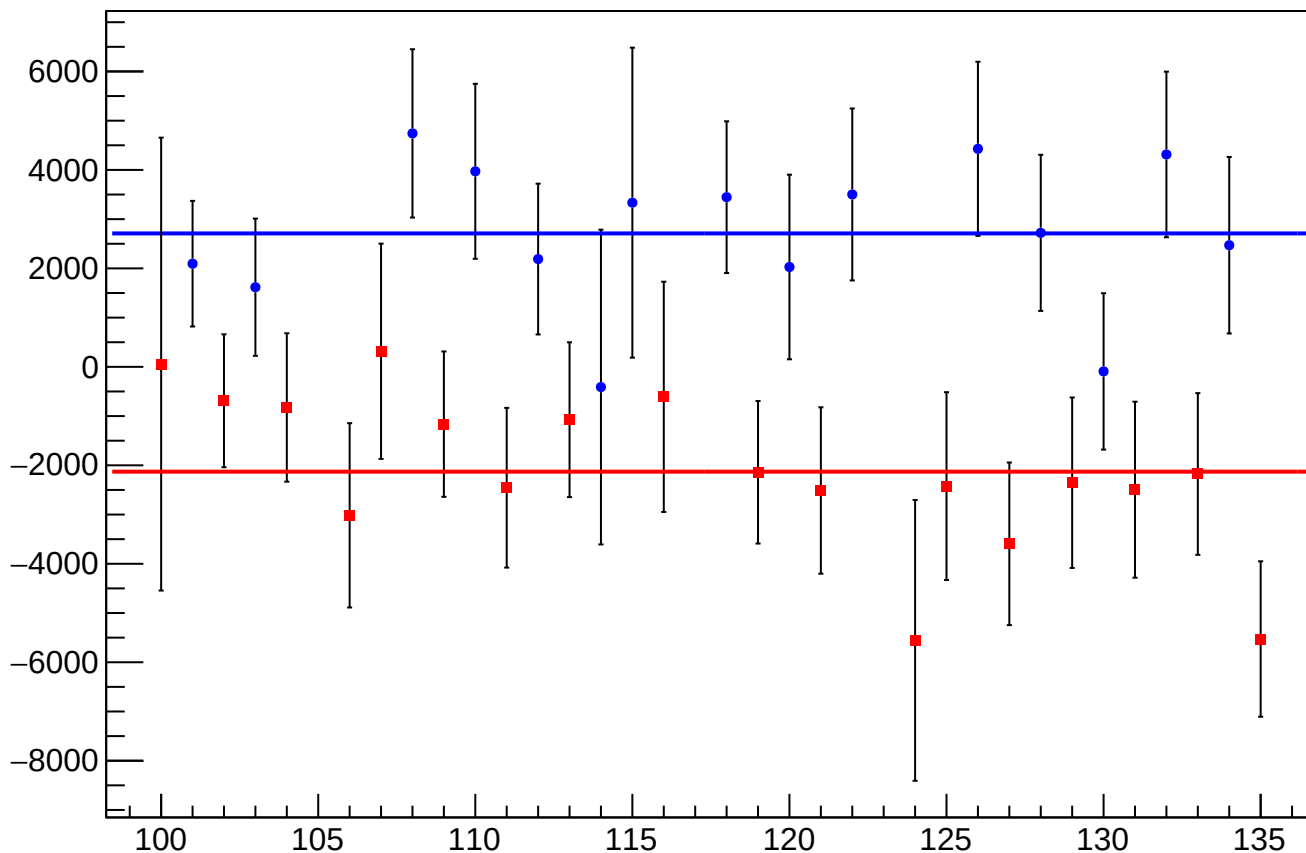
Right Out: 1722.599 $\pm$ 0.459 χ^2 /NDF: 416124.6/17

All: 1692.517 $\pm$ 0.332 χ^2 /NDF: 1069458.4/32

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

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

cor_asym_usr_mean vs Slug



Right In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

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

Right Out: -2128.924+/-409.347 χ^2/NDF : 11.9/17

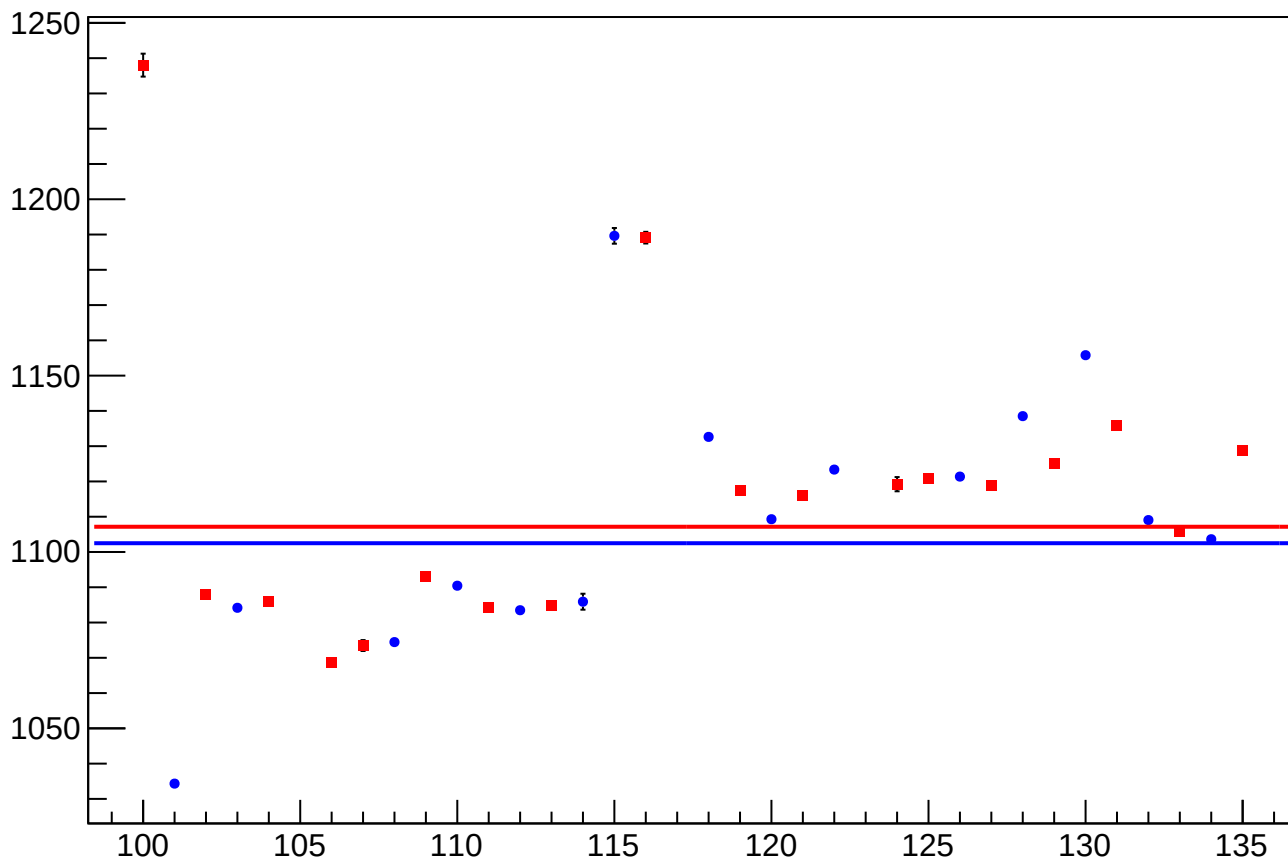
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.267+/-298.890 χ^2/NDF : 86.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_rms vs Slug



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

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

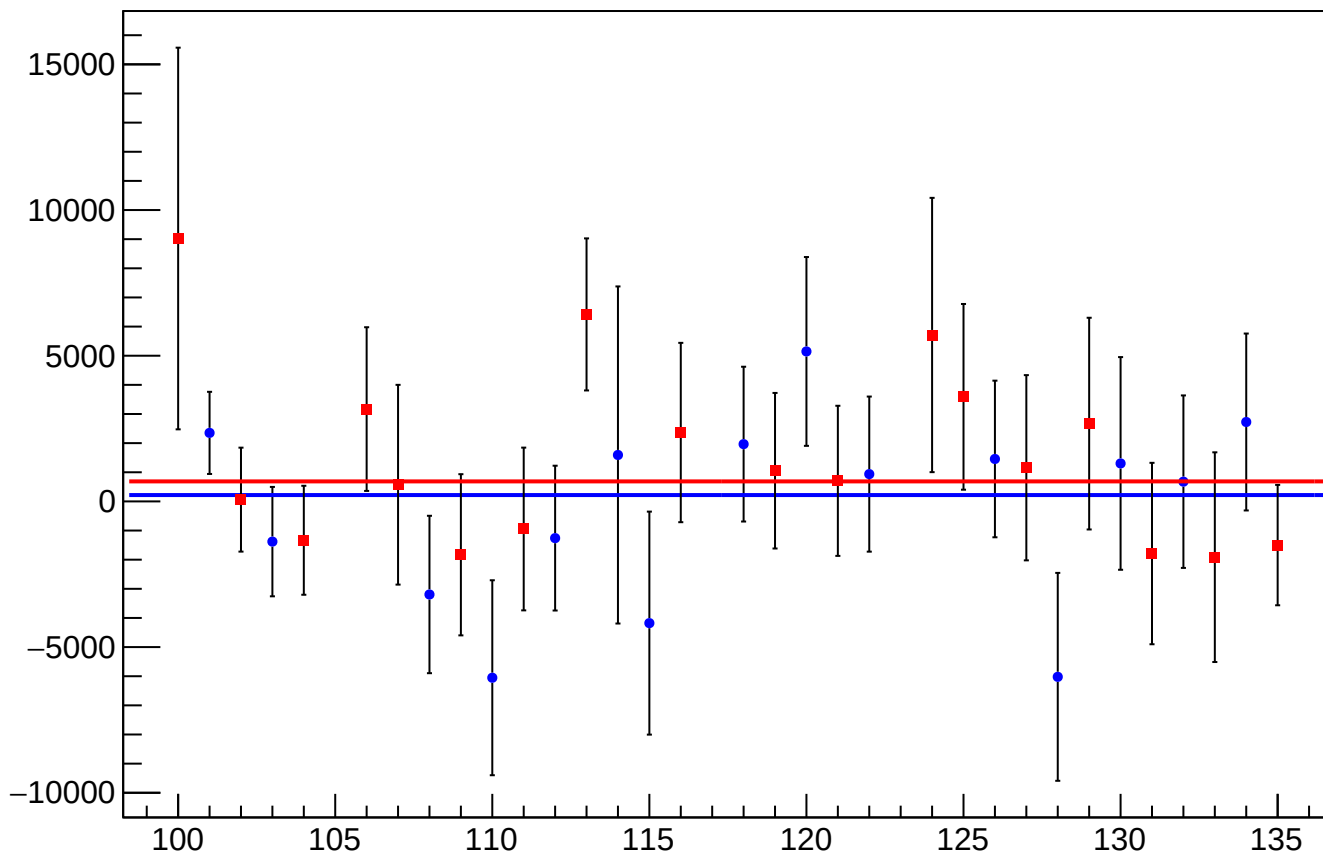
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.976+/-0.211 χ^2/NDF : 22007.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_cor_correction_mean vs Slug



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: 686.660 $\pm$ 649.473 χ^2 /NDF: 14.6/17

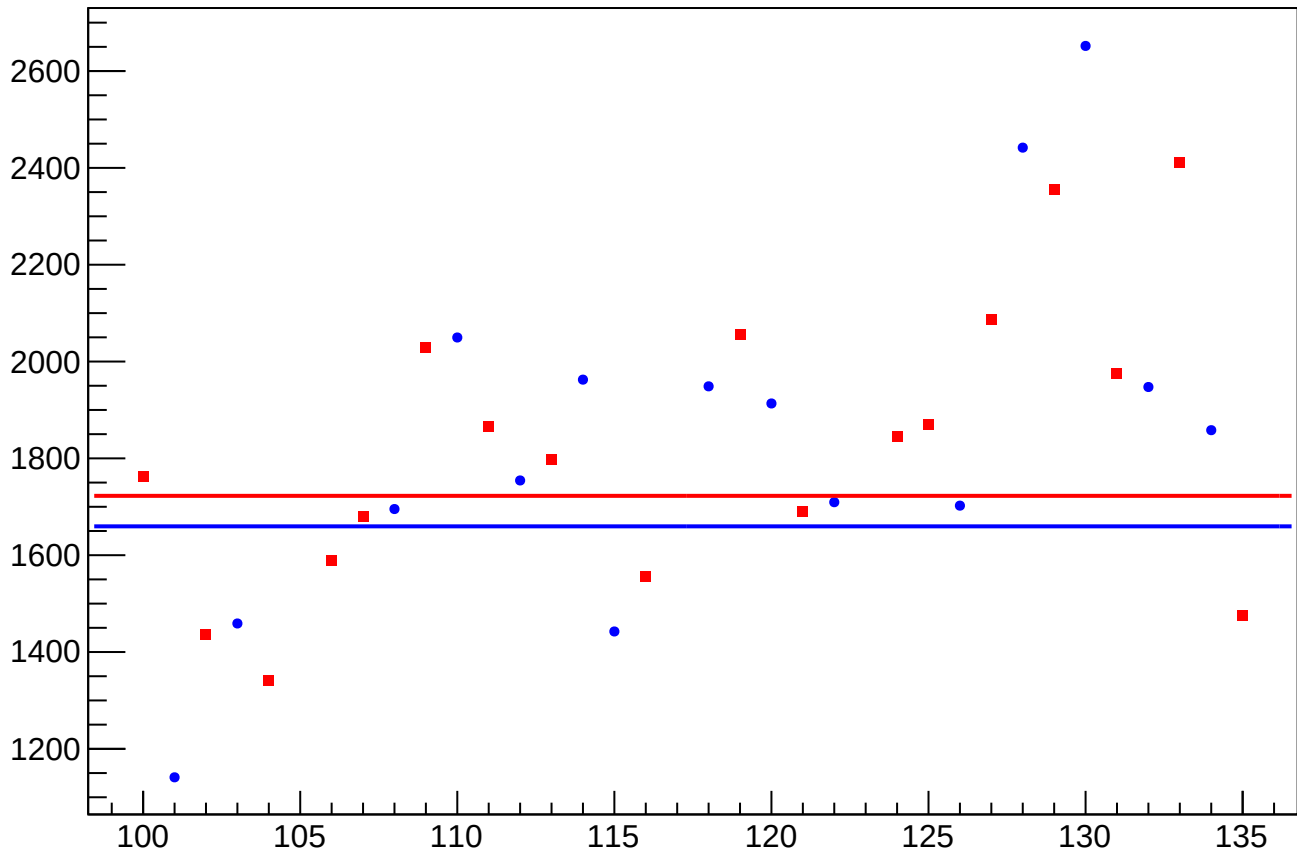
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 462.812 $\pm$ 469.478 χ^2 /NDF: 31.6/32

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

asym_usr_cor_correction_rms vs Slug



Right In: 1659.597 $\pm$ 0.480 χ^2 /NDF: 644347.9/14

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

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

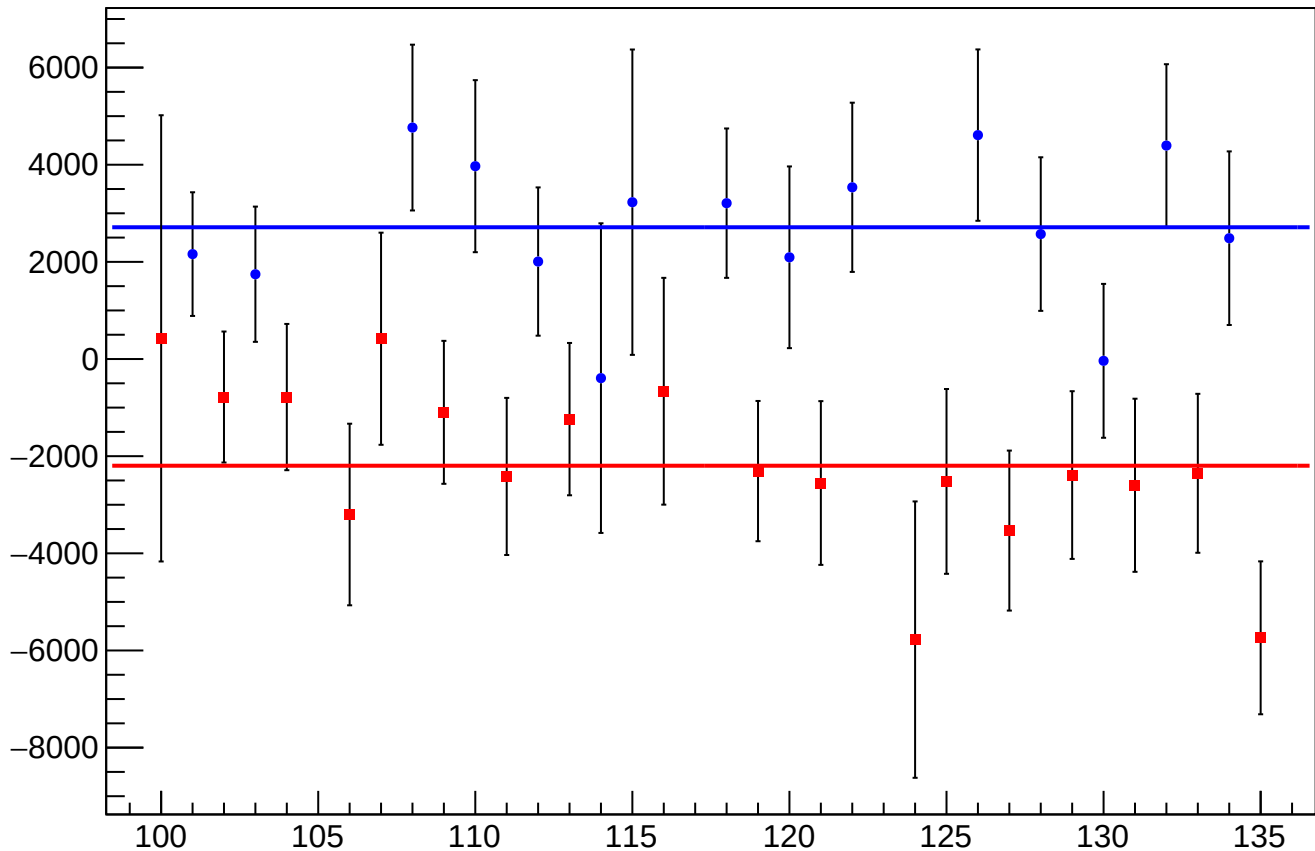
Right Out: 1722.599 $\pm$ 0.459 χ^2 /NDF: 416124.6/17

All: 1692.517 $\pm$ 0.332 χ^2 /NDF: 1069458.4/32

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

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

overload_cor_asym_usr_mean vs Slug



Right In: 2712.573 $\pm$ 436.341 χ^2 /NDF: 9.5/14

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

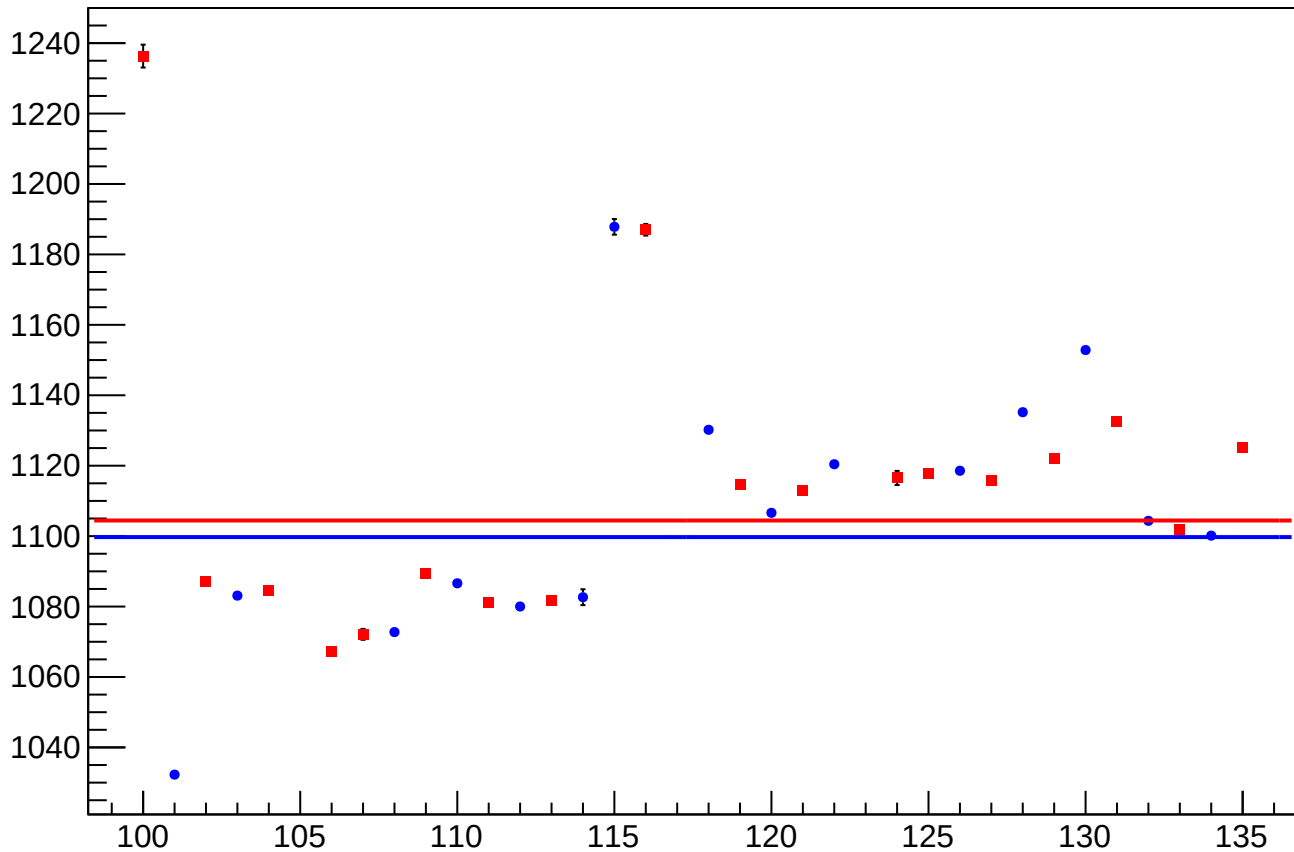
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 95.462 $\pm$ 298.148 χ^2 /NDF: 89.8/32

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

overload_cor_asym_usr_rms vs Slug



Right In: 1099.726+/-0.309 χ^2/NDF : 13065.8/14

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

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

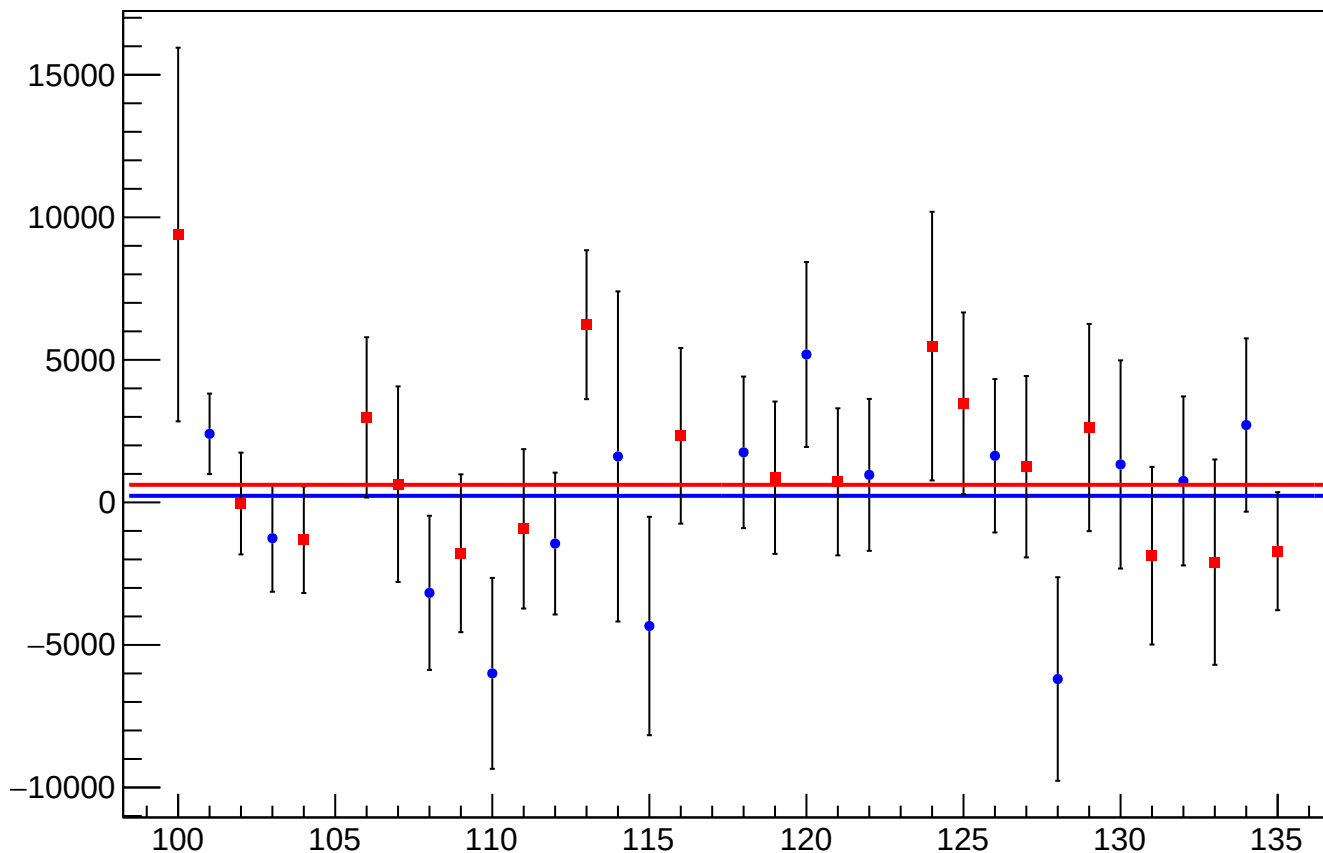
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1102.237+/-0.211 χ^2/NDF : 21733.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_mean vs Slug



Right In: 230.486+/-680.155 χ^2/NDF : 17.0/14

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

Right Out: 617.231+/-650.077 χ^2/NDF : 14.4/17

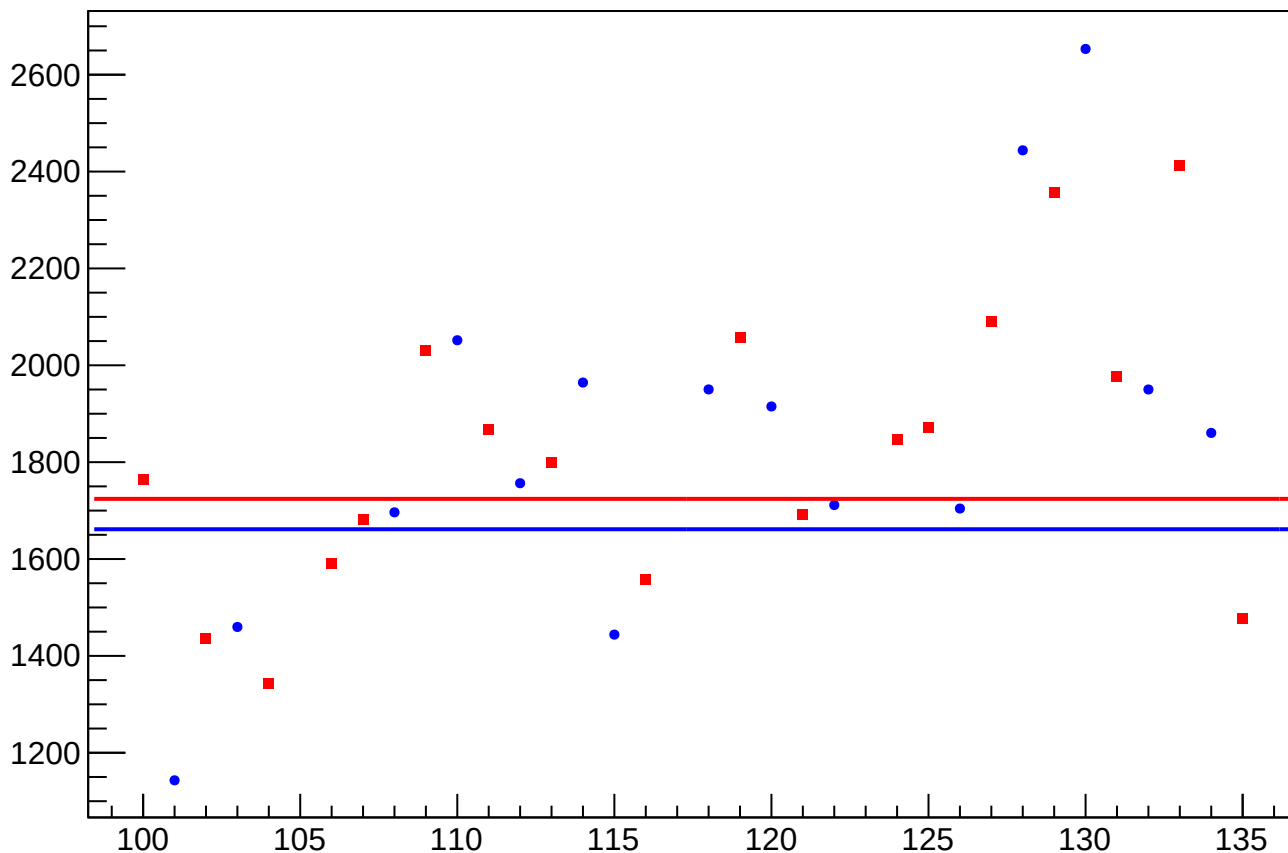
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 432.599+/-469.947 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_correction_rms vs Slug



Right In: 1661.491+/-0.481 χ^2/NDF : 643083.9/14

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

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

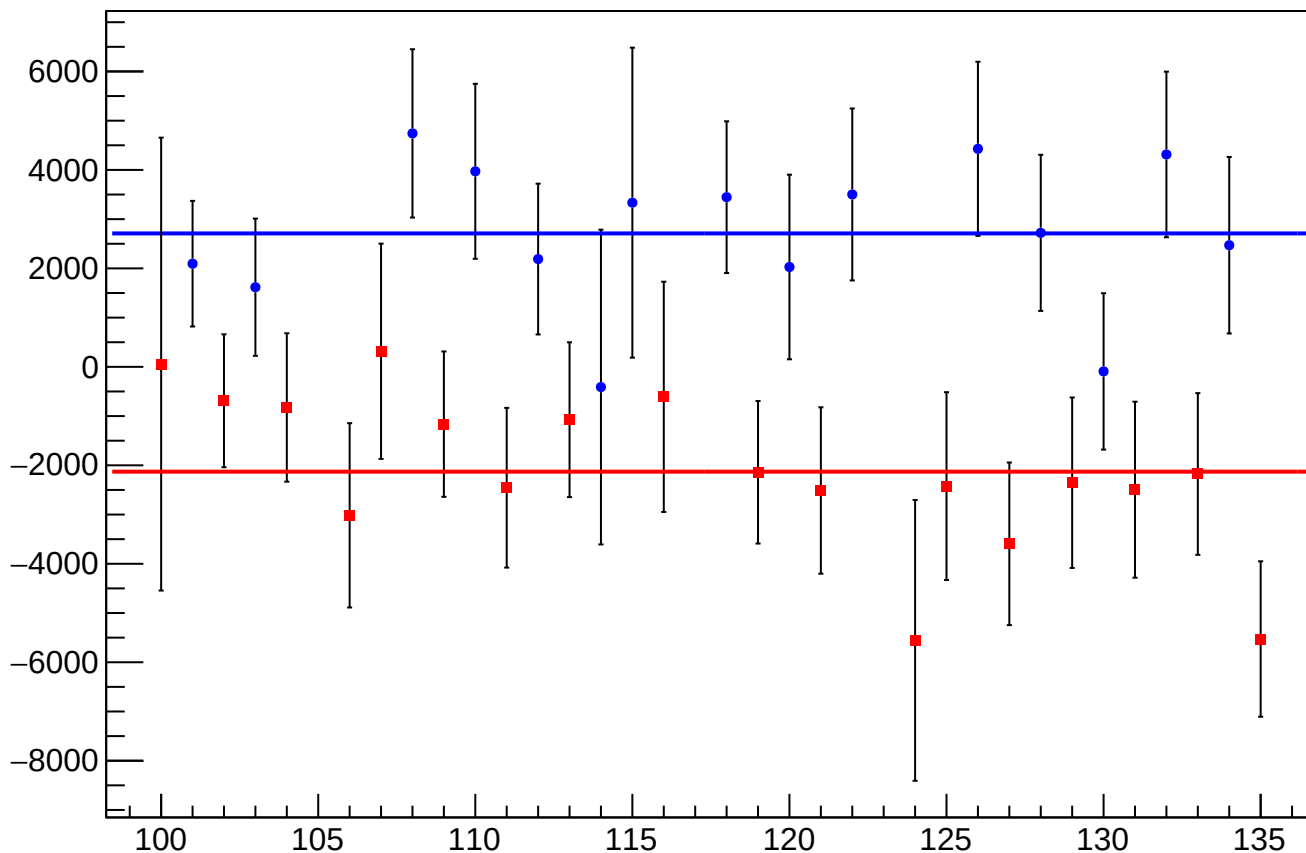
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1694.279+/-0.332 χ^2/NDF : 1067930.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_mean vs Slug



Right In: 2710.160+/-437.438 χ^2/NDF : 9.4/14

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

Right Out: -2128.924+/-409.347 χ^2/NDF : 11.9/17

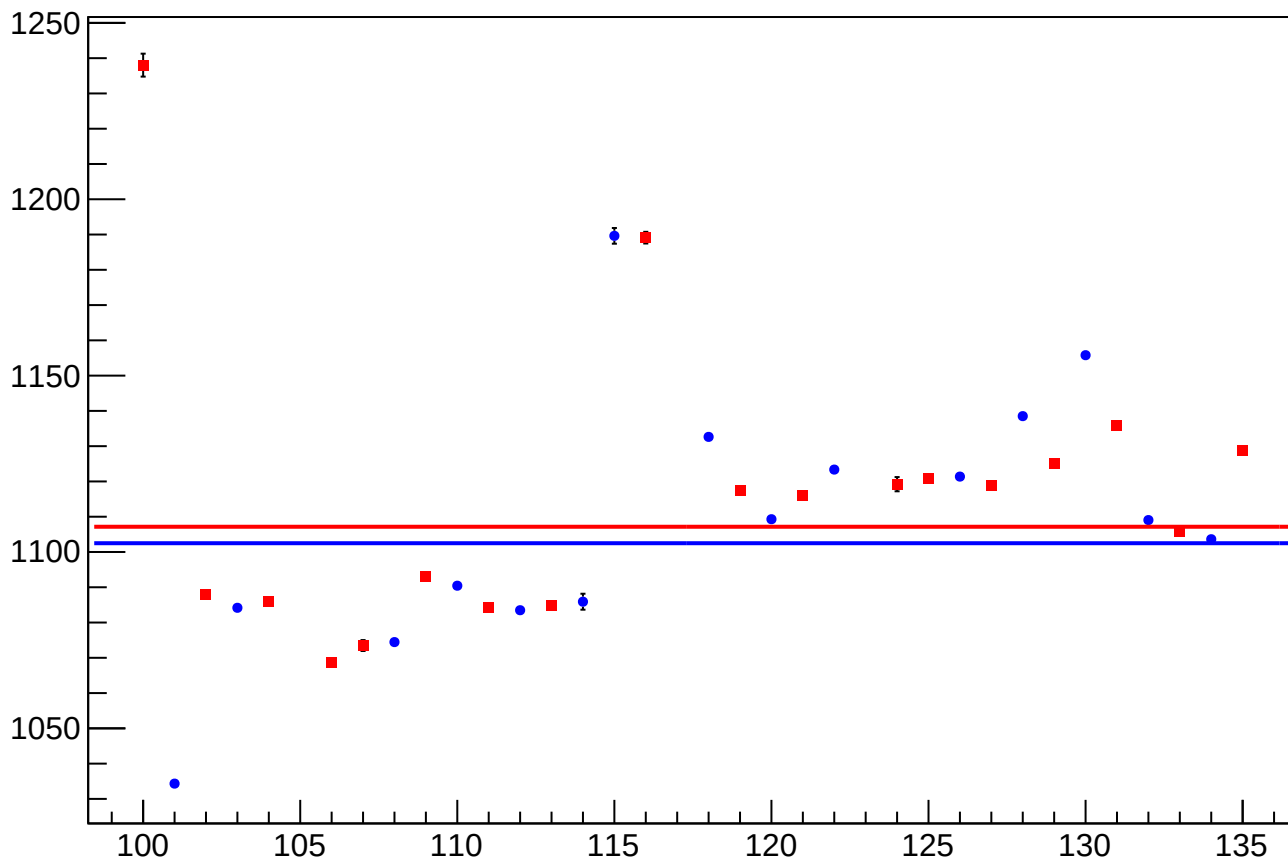
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.267+/-298.890 χ^2/NDF : 86.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_rms vs Slug



Right In: 1102.487+/-0.309 χ^2/NDF : 13202.4/14

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

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

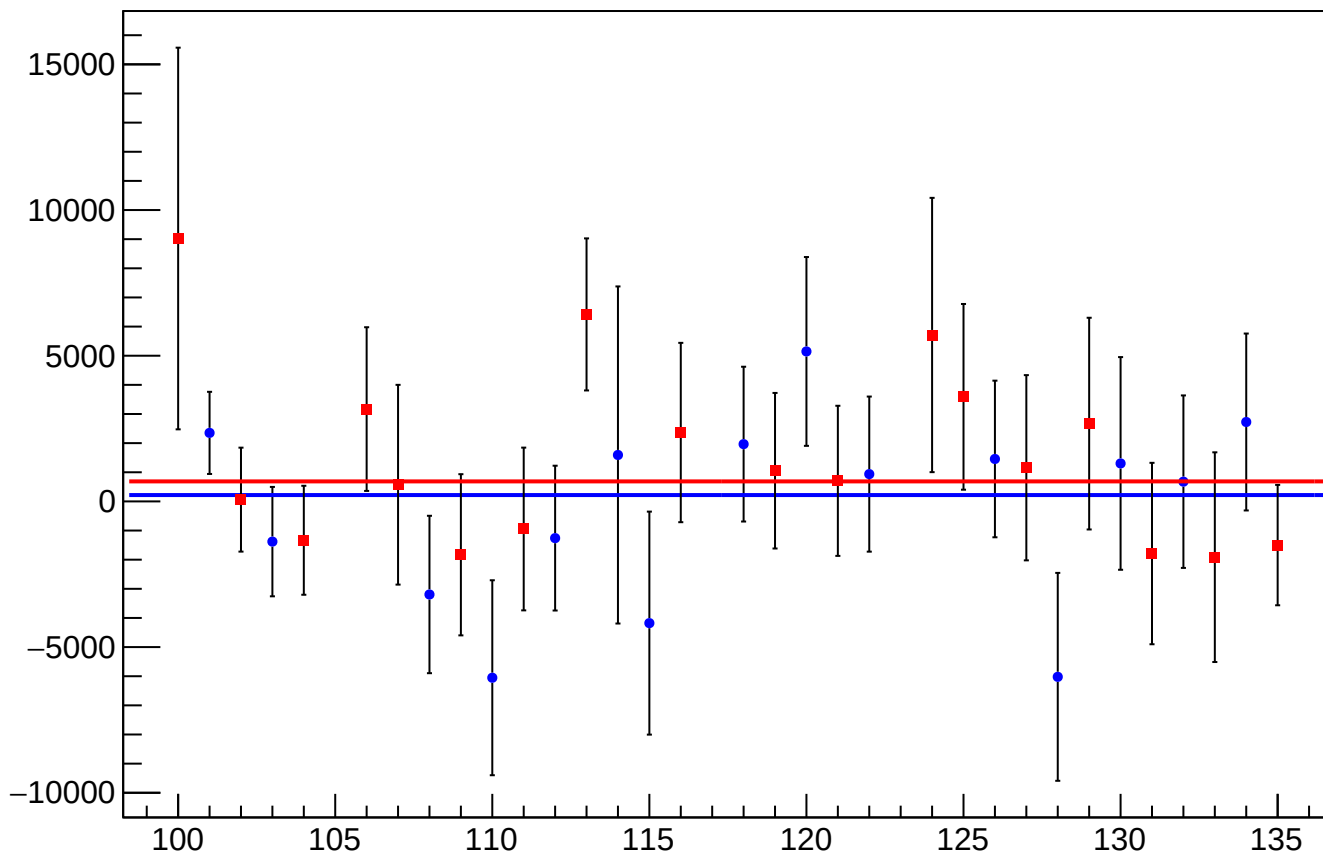
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1104.976+/-0.211 χ^2/NDF : 22007.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_correction_mean vs Slug



Right In: 217.841 $\pm$ 679.425 χ^2 /NDF: 16.7/14

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

Right Out: 686.660 $\pm$ 649.473 χ^2 /NDF: 14.6/17

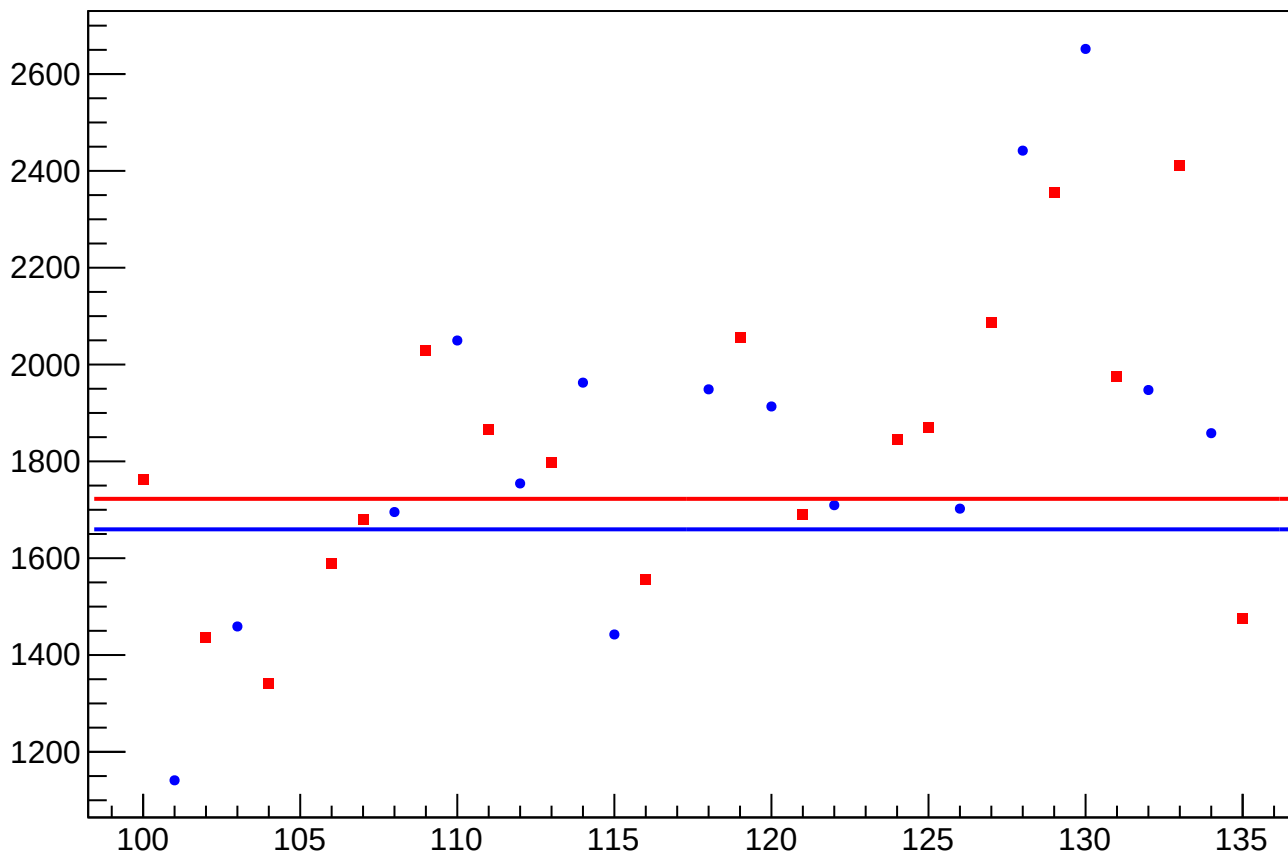
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 462.812 $\pm$ 469.478 χ^2 /NDF: 31.6/32

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

asym_usr_eigen_cor_correction_rms vs Slug



Right In: 1659.597+/-0.480 χ^2/NDF : 644347.9/14

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

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

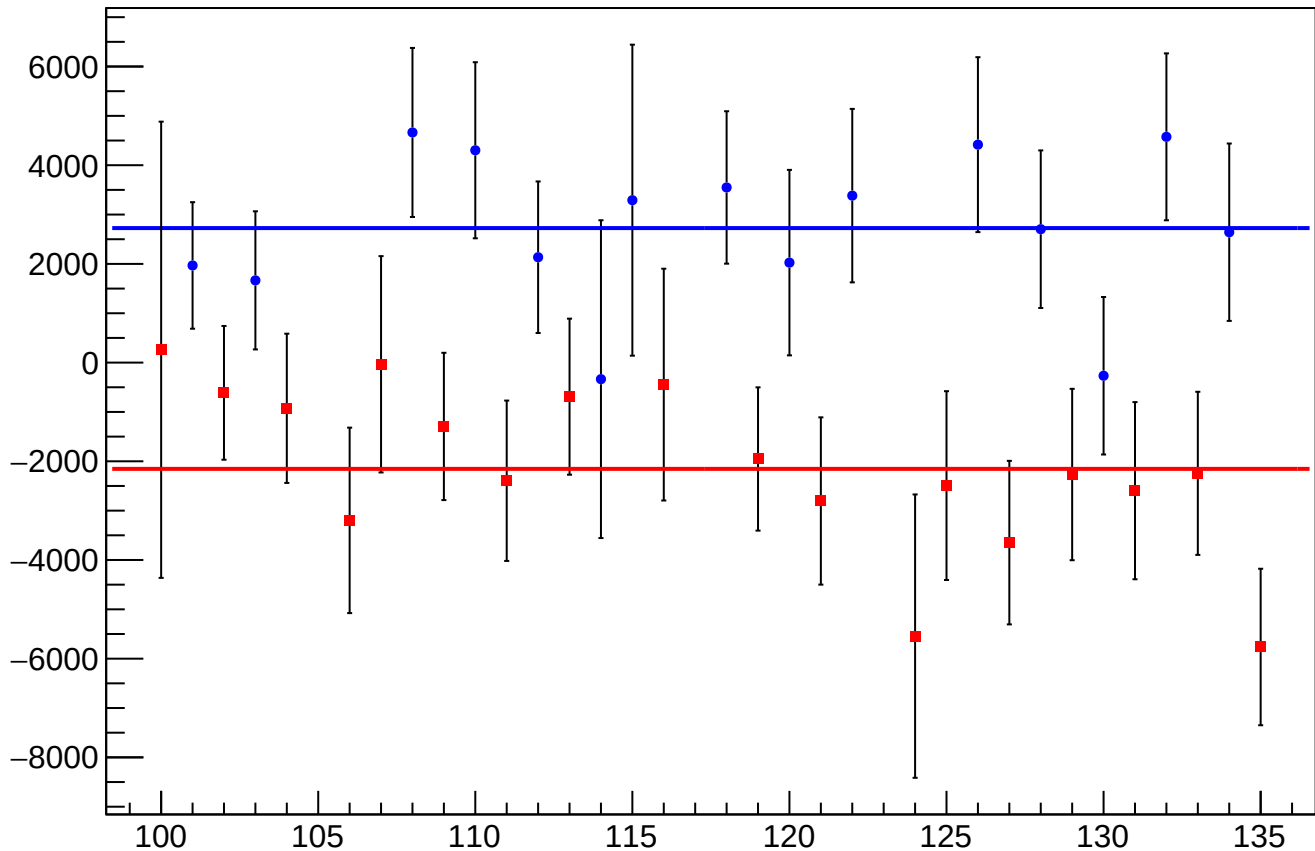
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1692.517+/-0.332 χ^2/NDF : 1069458.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_mean vs Slug



Right In: 2725.985 $\pm$ 439.238 χ^2 /NDF: 10.3/14

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

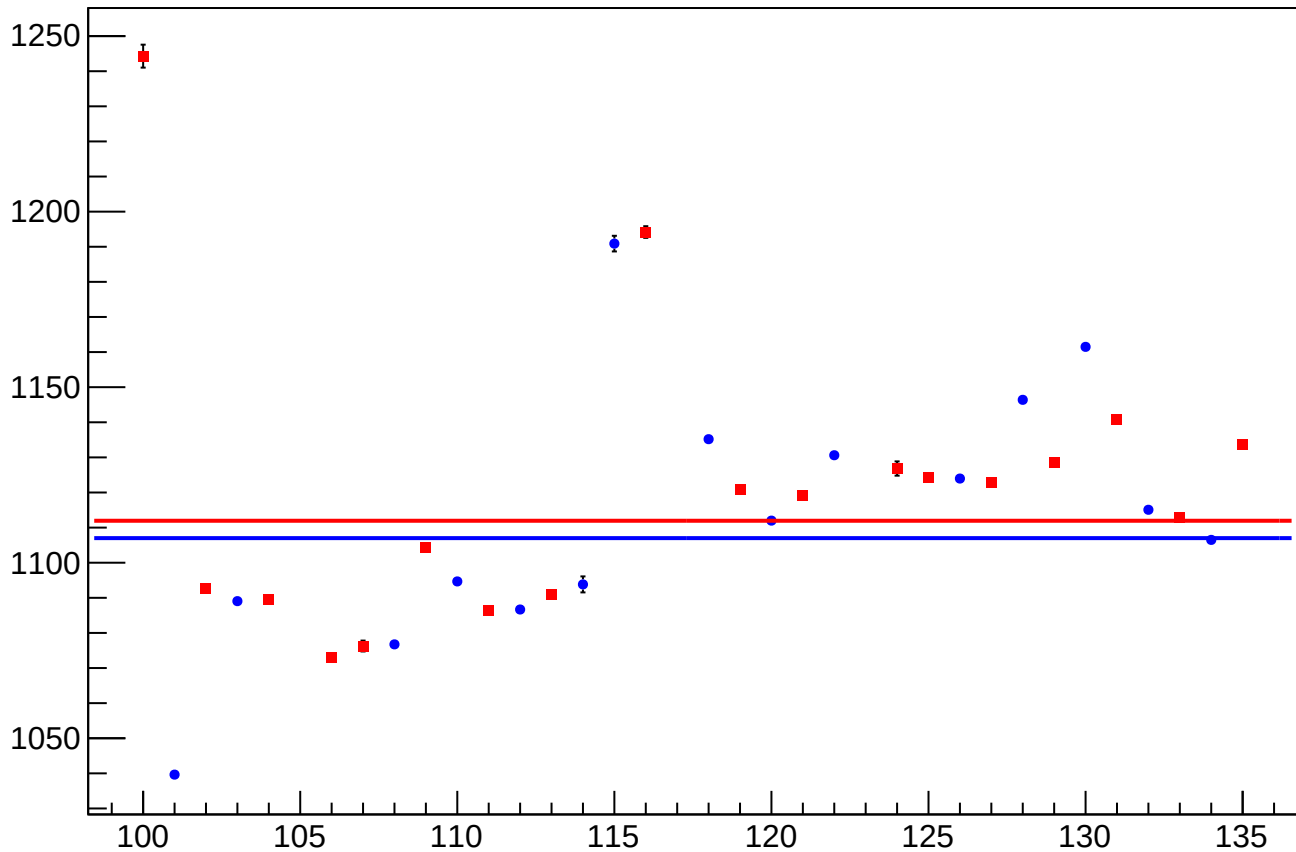
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 125.112 $\pm$ 300.160 χ^2 /NDF: 88.9/32

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

dit_asym_usr_rms vs Slug



Right In: 1107.006 $\pm$ 0.311 χ^2 /NDF: 13189.4/14

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

Right Out: 1111.951 $\pm$ 0.291 χ^2 /NDF: 8650.8/17

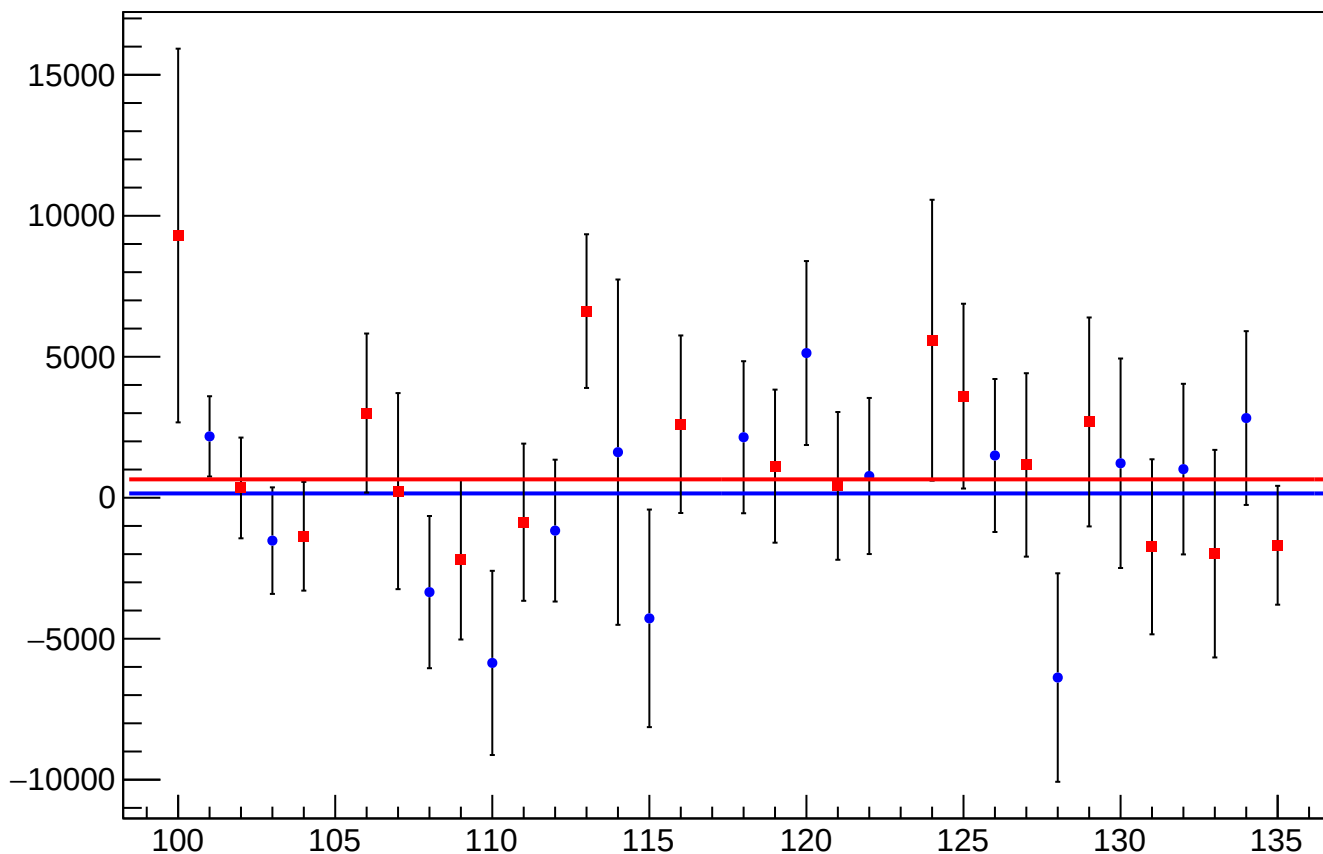
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1109.642 $\pm$ 0.212 χ^2 /NDF: 21975.4/32

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

asym_usr_dit_correction_mean vs Slug



Right In: 152.946 $\pm$ 687.713 χ^2 /NDF: 16.7/14

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

Right Out: 652.029 $\pm$ 661.177 χ^2 /NDF: 14.5/17

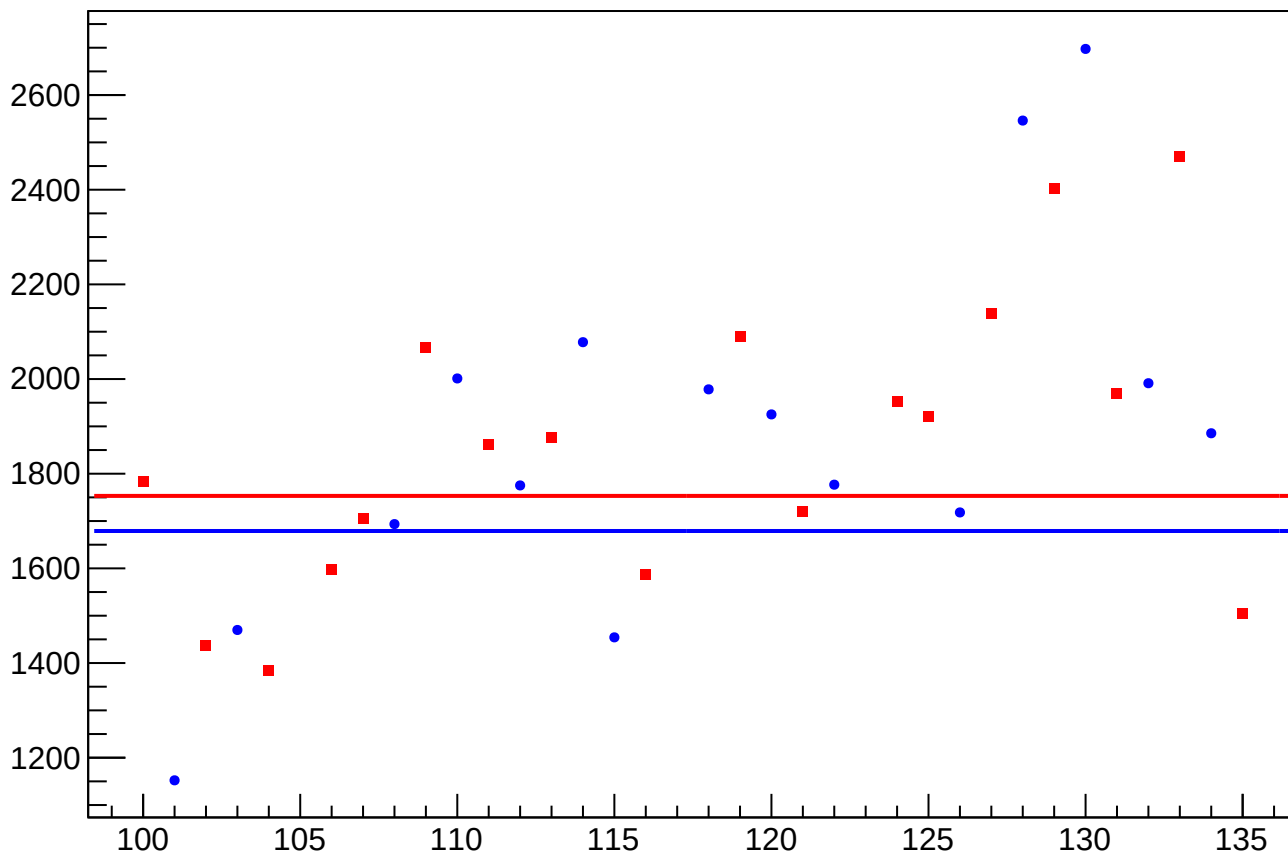
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 412.302 $\pm$ 476.628 χ^2 /NDF: 31.5/32

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

asym_usr_dit_correction_rms vs Slug



Right In: 1678.966+/-0.486 χ^2/NDF : 665616.0/14

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

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

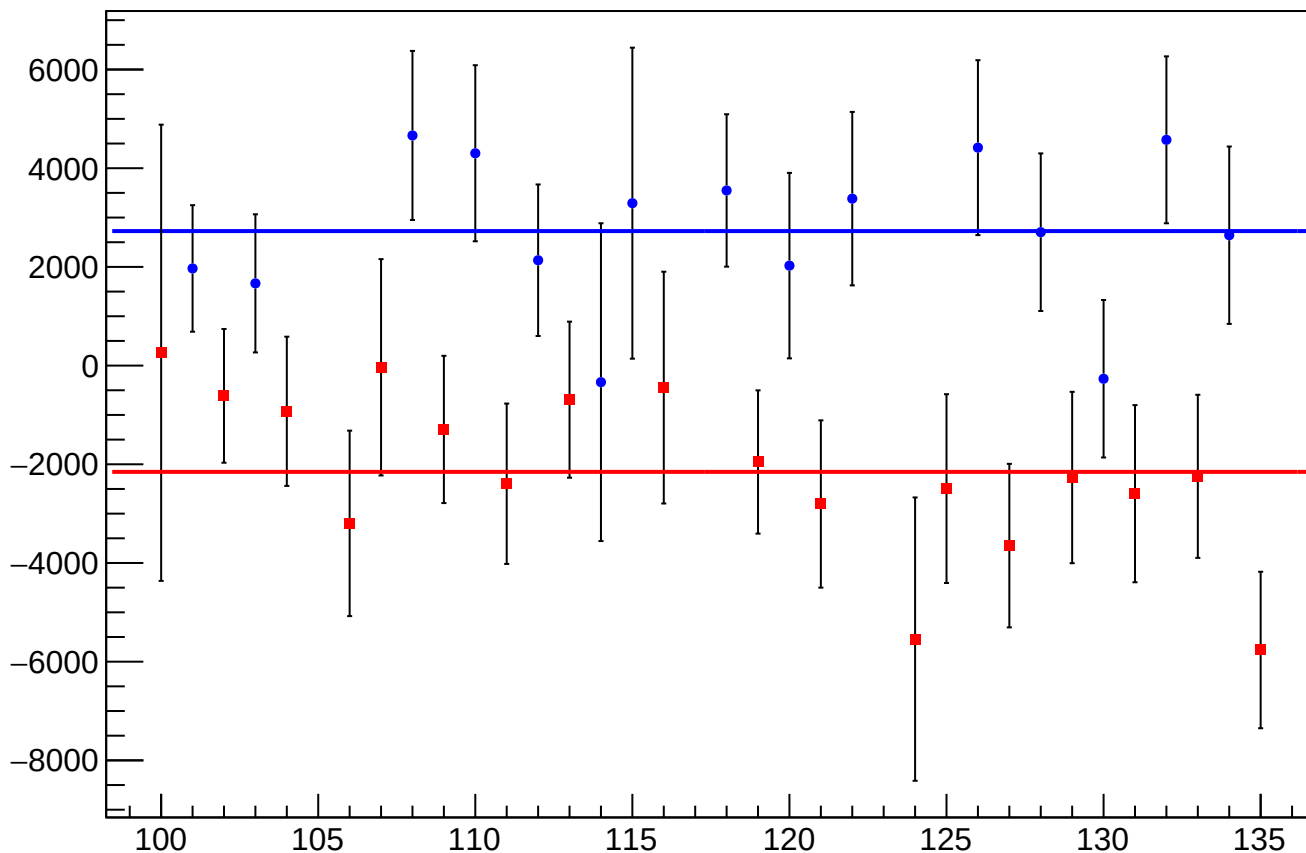
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1717.495+/-0.337 χ^2/NDF : 1099839.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_mean vs Slug



Right In: 2725.987 $\pm$ 439.238 χ^2 /NDF: 10.3/14

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

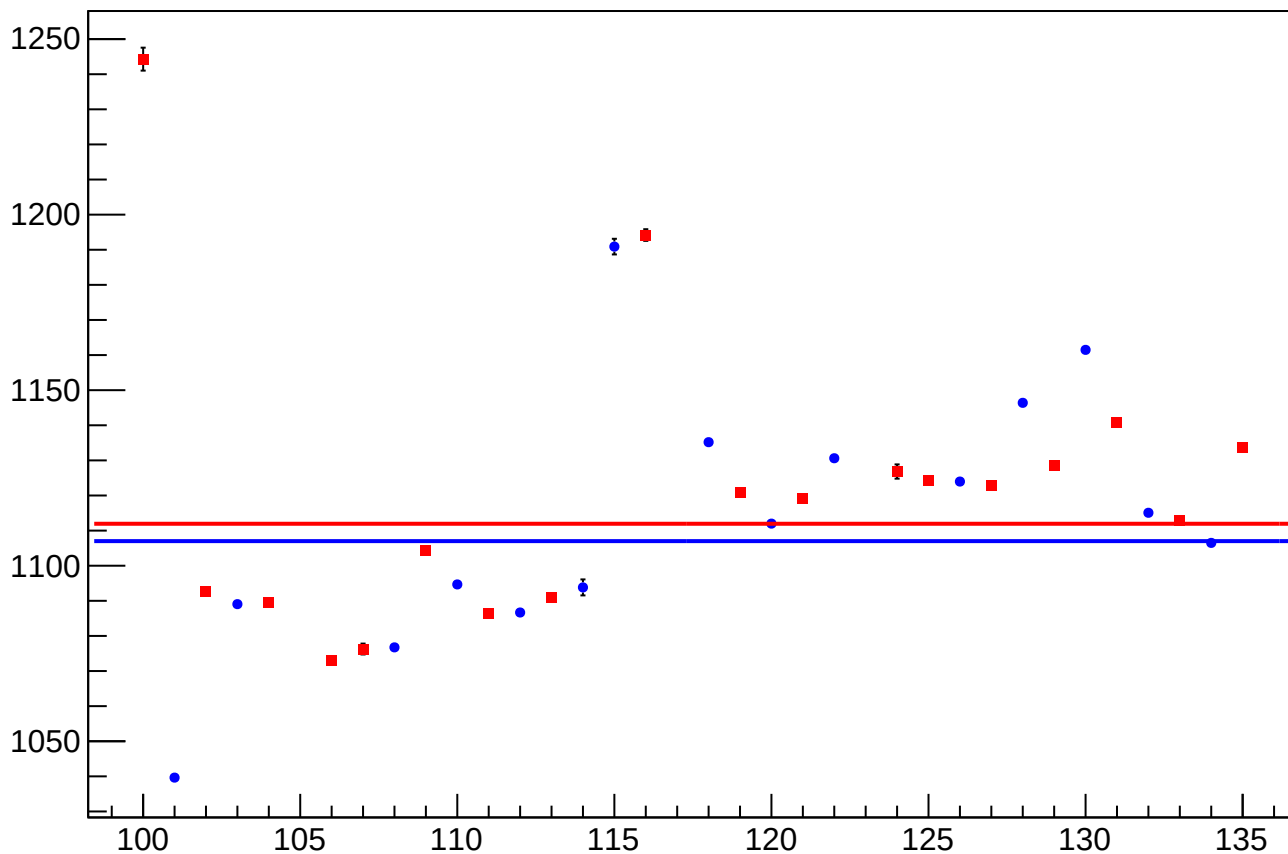
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 125.111 $\pm$ 300.160 χ^2 /NDF: 88.9/32

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

eigen_dit_asym_usr_rms vs Slug



Right In: 1107.005+/-0.311 χ^2/NDF : 13189.3/14

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

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

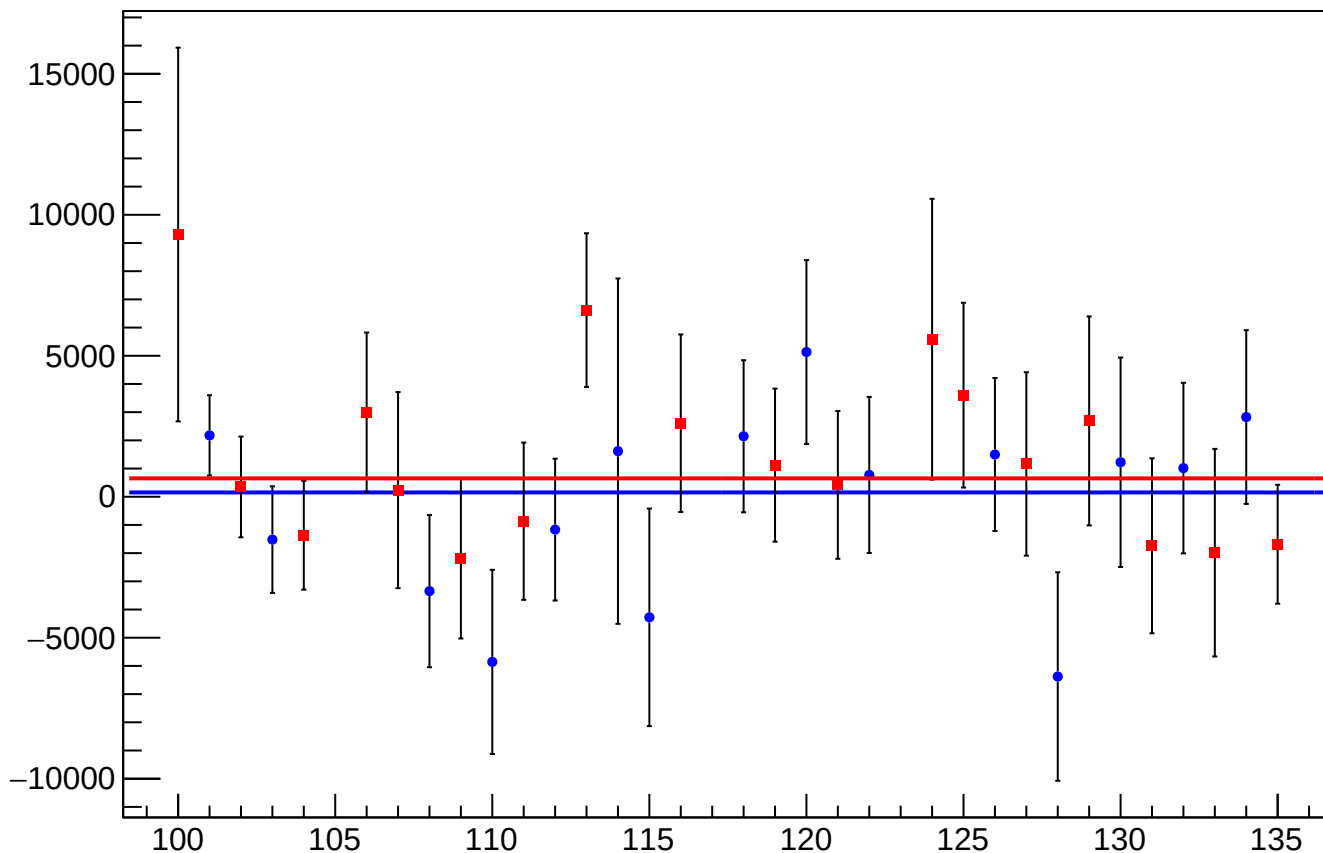
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.641+/-0.212 χ^2/NDF : 21975.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_correction_mean vs Slug



Right In: 152.944 $\pm$ 687.711 χ^2 /NDF: 16.7/14

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

Right Out: 652.033 $\pm$ 661.176 χ^2 /NDF: 14.5/17

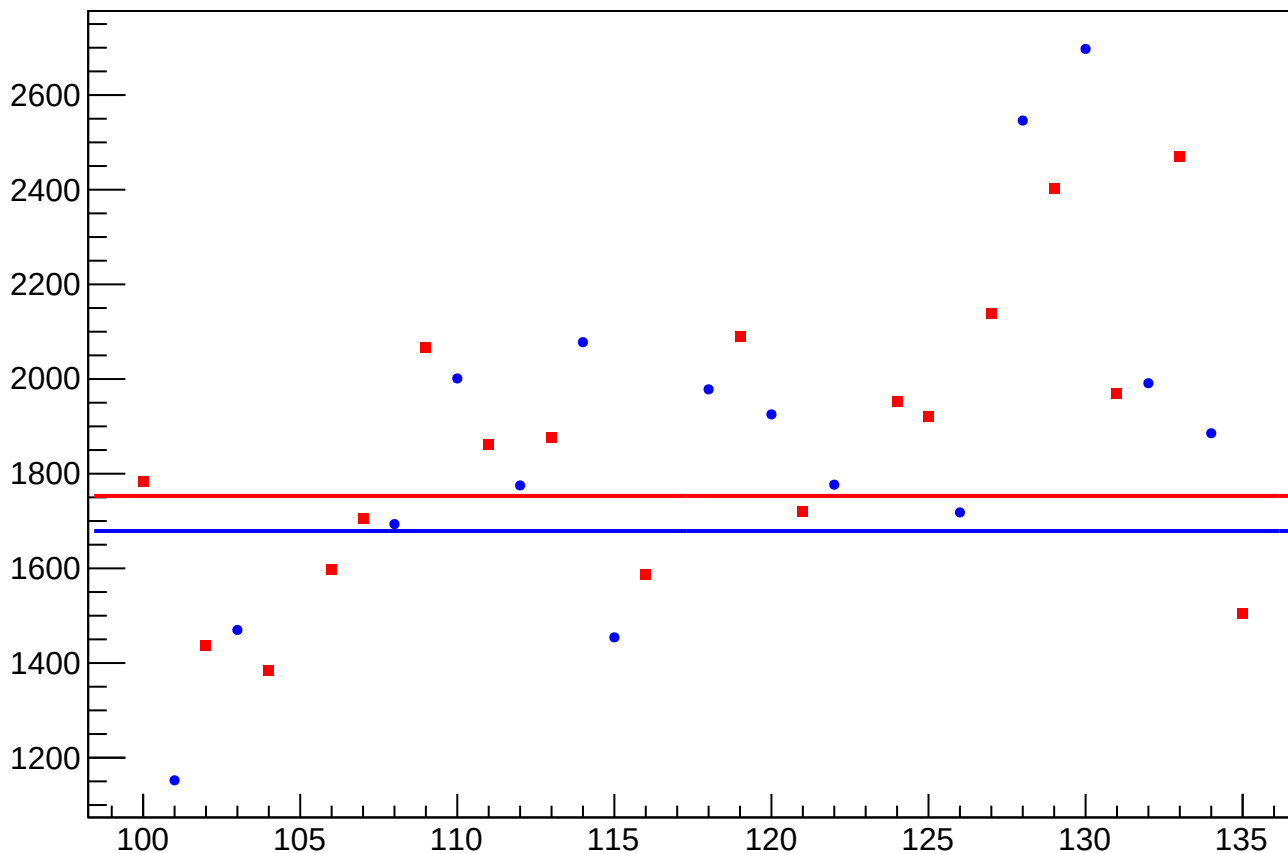
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 412.303 $\pm$ 476.627 χ^2 /NDF: 31.5/32

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

asym_usr_eigen_dit_correction_rms vs Slug



Right In: 1678.963+/-0.486 χ^2/NDF : 665605.3/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

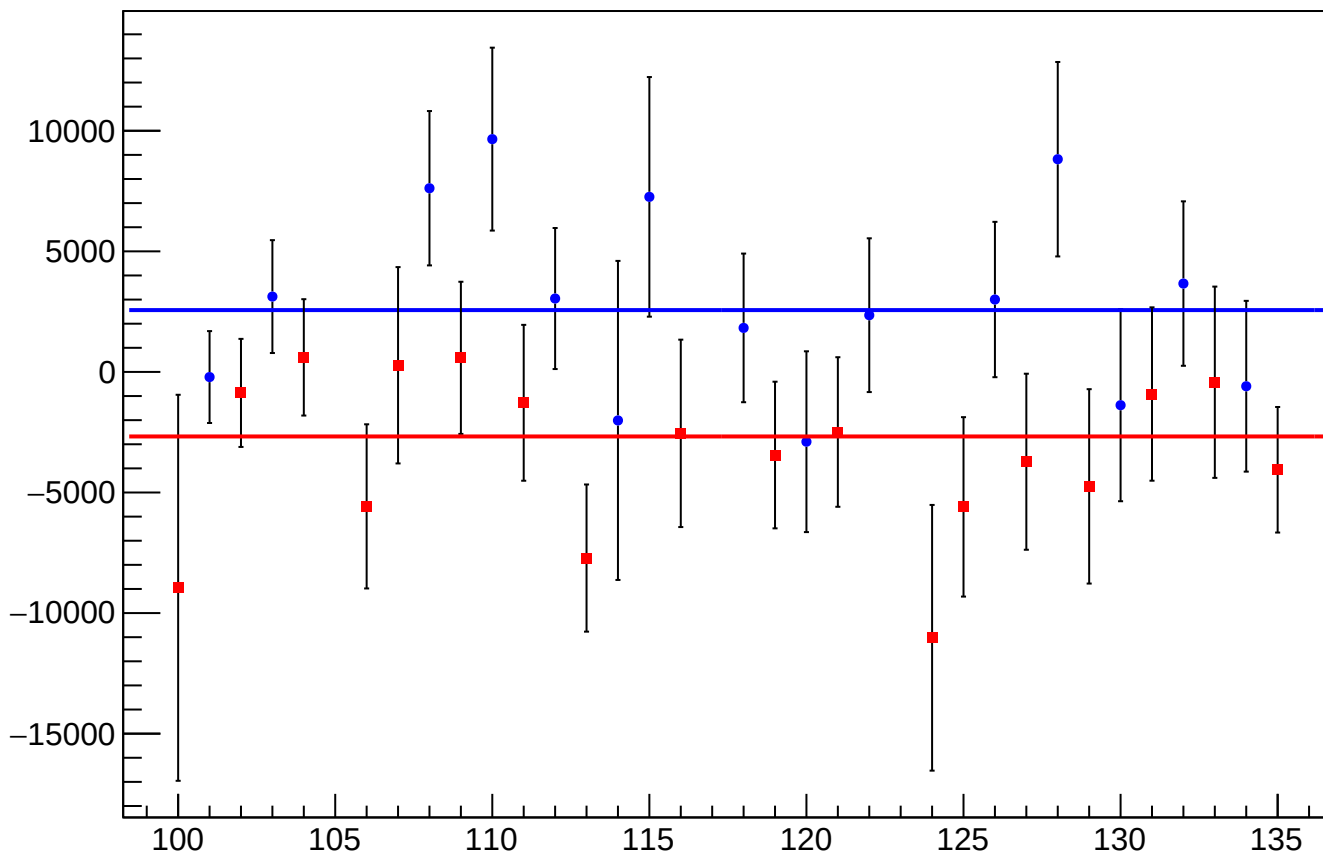
Right Out: 1753.107+/-0.468 χ^2/NDF : 422131.2/17

All: 1717.493+/-0.337 χ^2/NDF : 1099817.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usr_mean vs Slug



Right In: 2564.064+/-825.617 χ^2/NDF : 16.1/14

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

Right Out: -2675.856+/-779.528 χ^2/NDF : 12.5/17

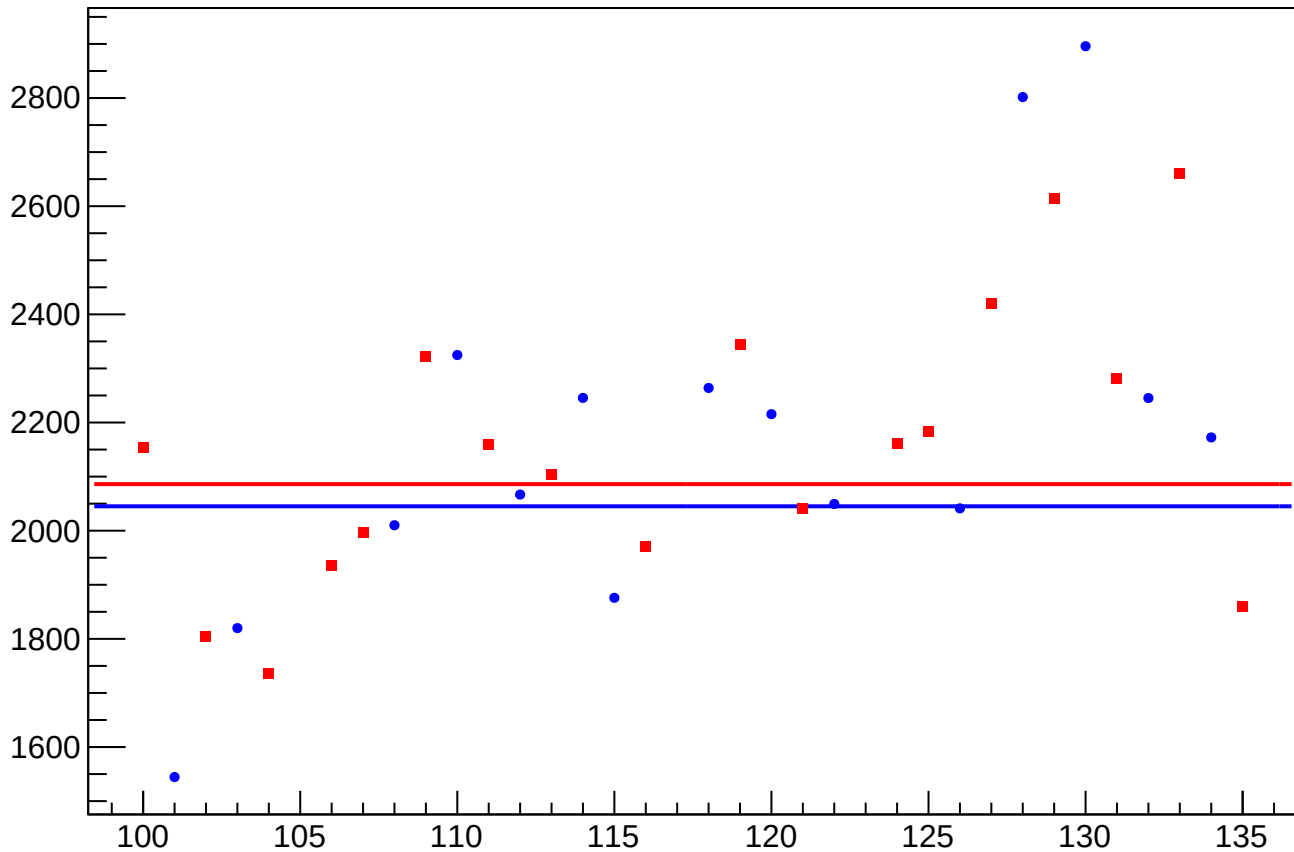
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -206.229+/-566.803 χ^2/NDF : 49.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_rms vs Slug



Right In: 2045.111+/-0.584 χ^2/NDF : 357349.1/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

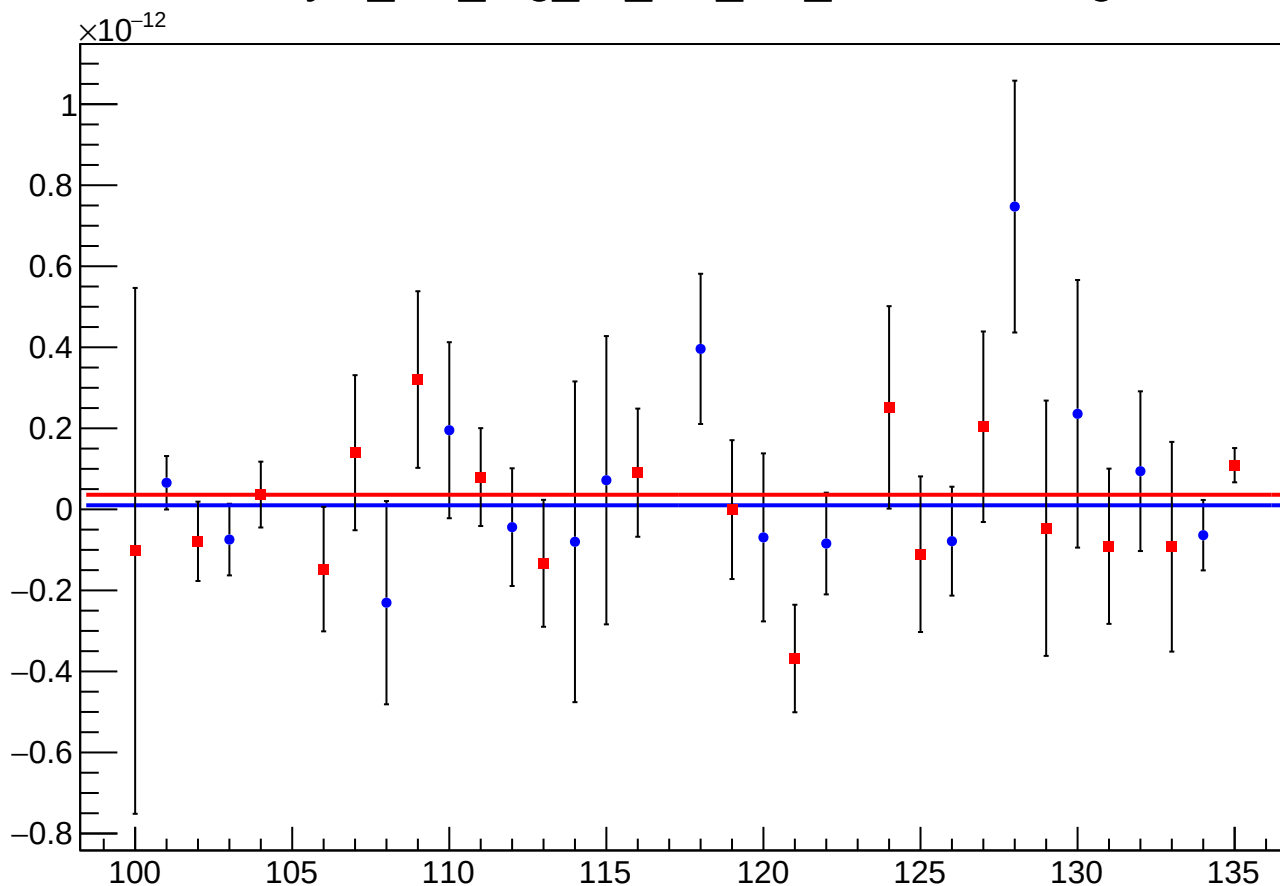
Right Out: 2086.103+/-0.551 χ^2/NDF : 223527.6/17

All: 2066.783+/-0.401 χ^2/NDF : 583483.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_usr_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.2/17

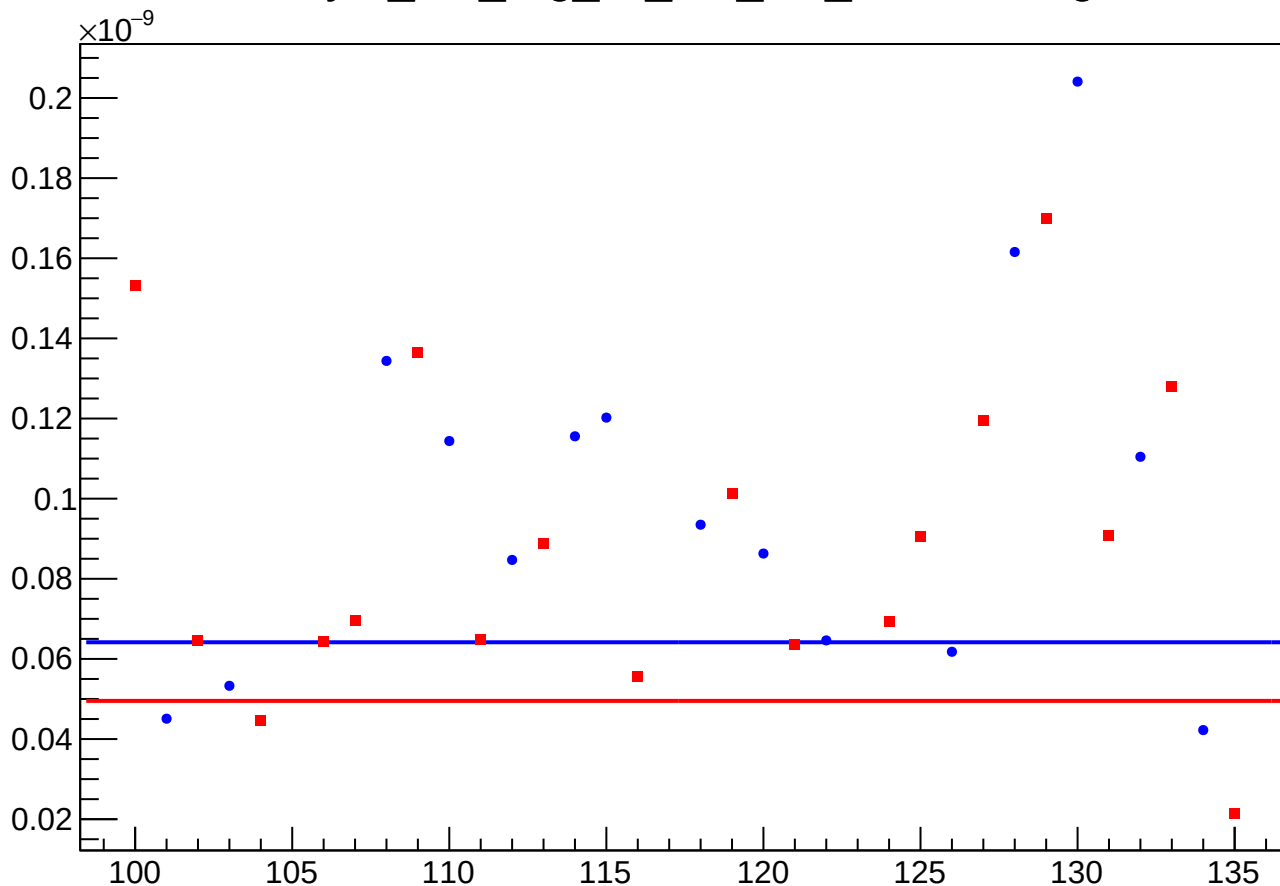
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 37.5/32

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

asym_usr_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1451396.6/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2566140.5/17

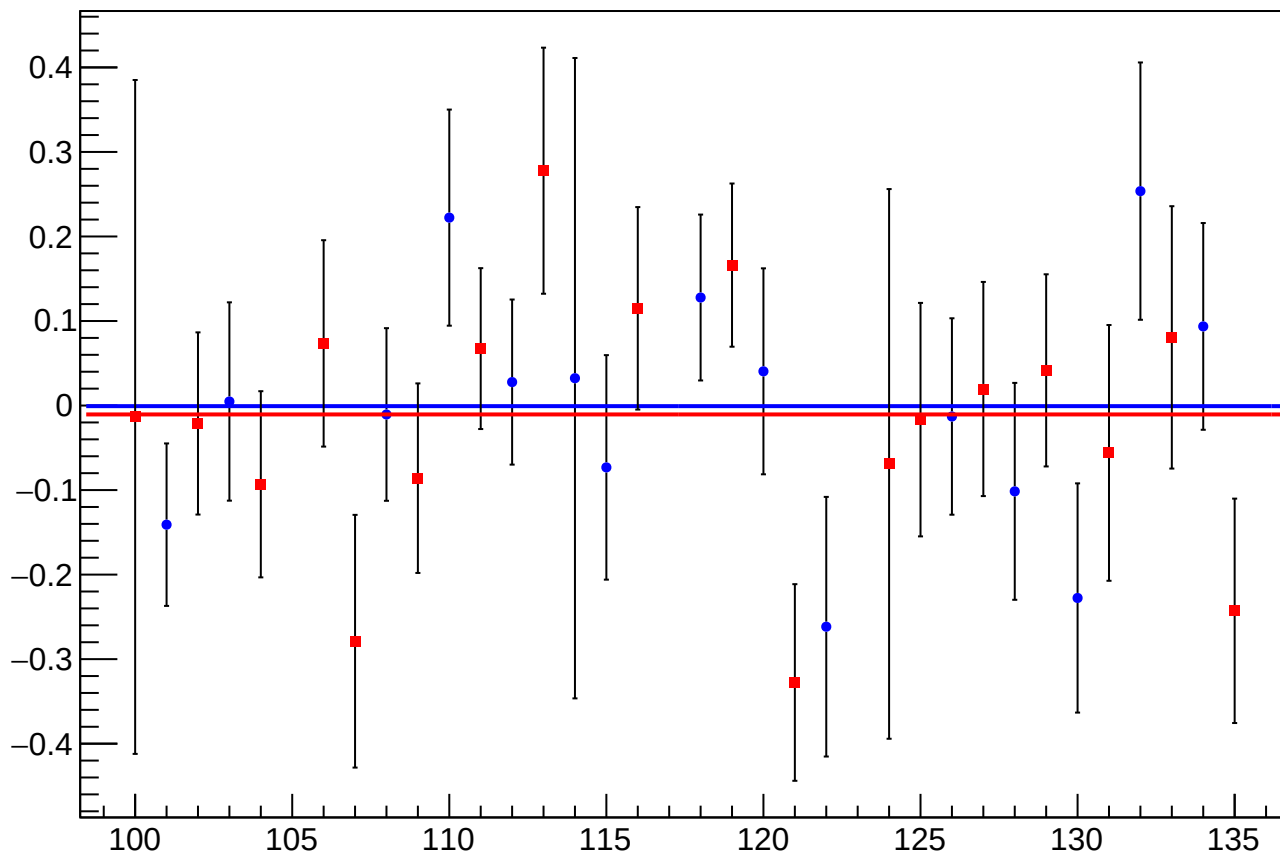
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 4227965.2/32

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

asym_usr_dit_vs_cor_diff_mean vs Slug



Right In: -0.001+/-0.031 χ^2/NDF : 17.1/14

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

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

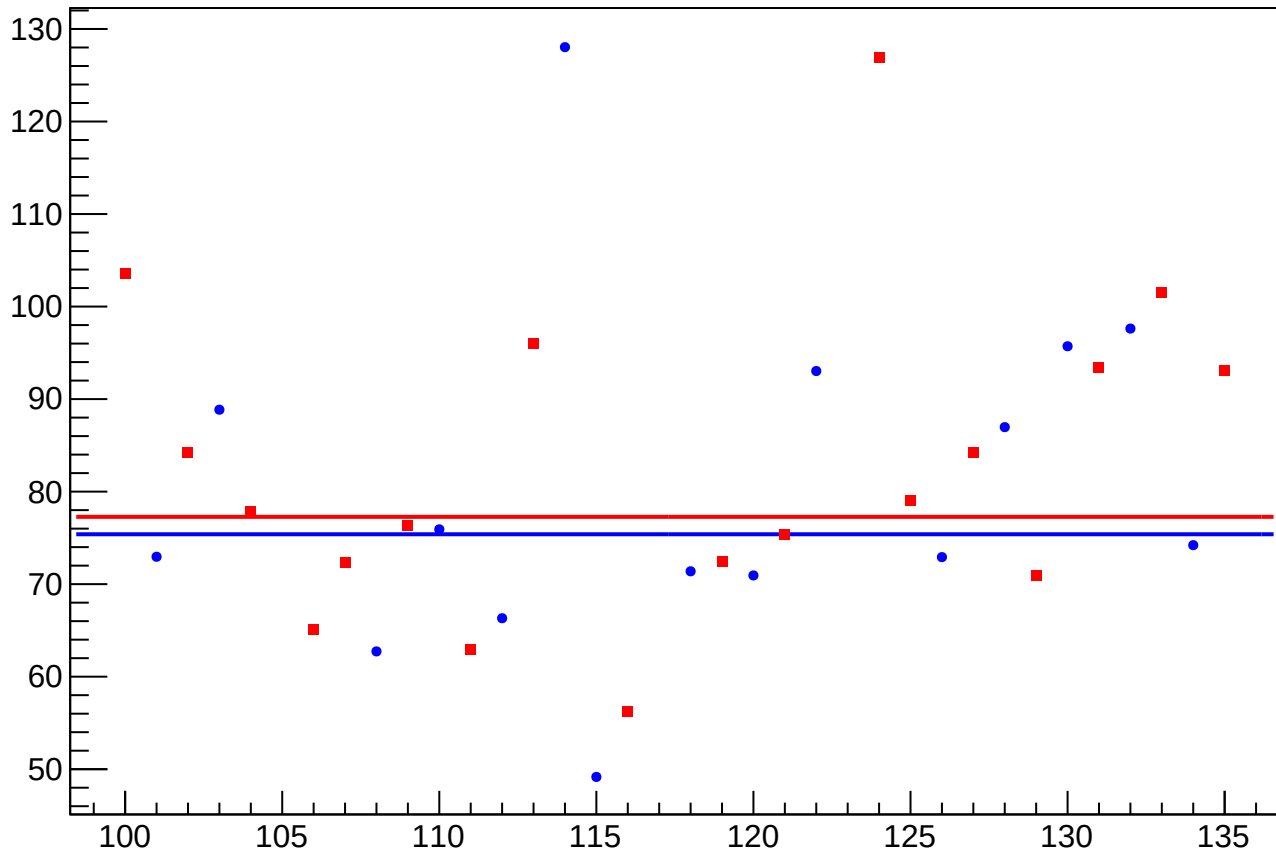
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.006+/-0.022 χ^2/NDF : 42.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_cor_diff_rms vs Slug



Right In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

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

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

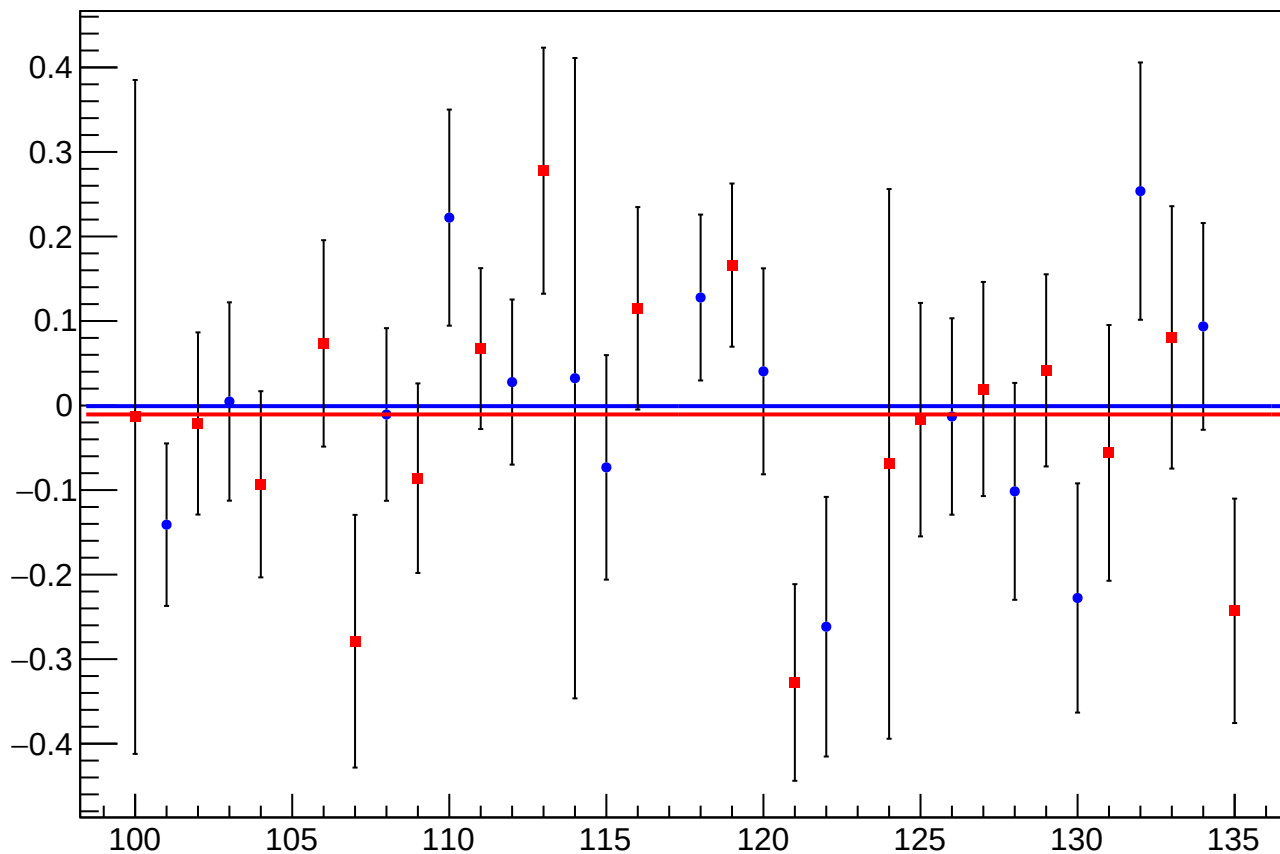
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.376+/-0.015 χ^2/NDF : 678060.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.011 ± 0.030 χ^2/NDF : 25.0/17

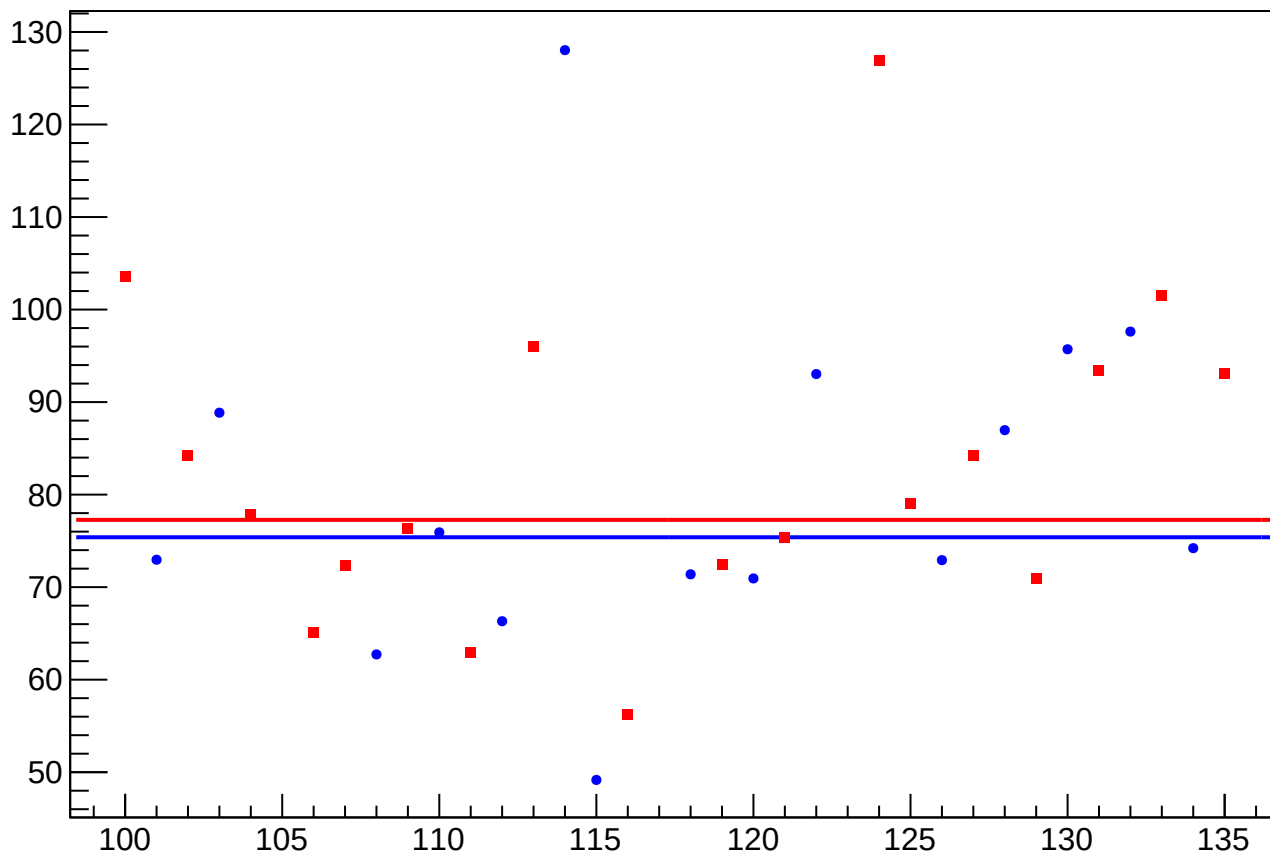
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.022 χ^2/NDF : 42.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 75.391+/-0.022 χ^2/NDF : 329653.9/14

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

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

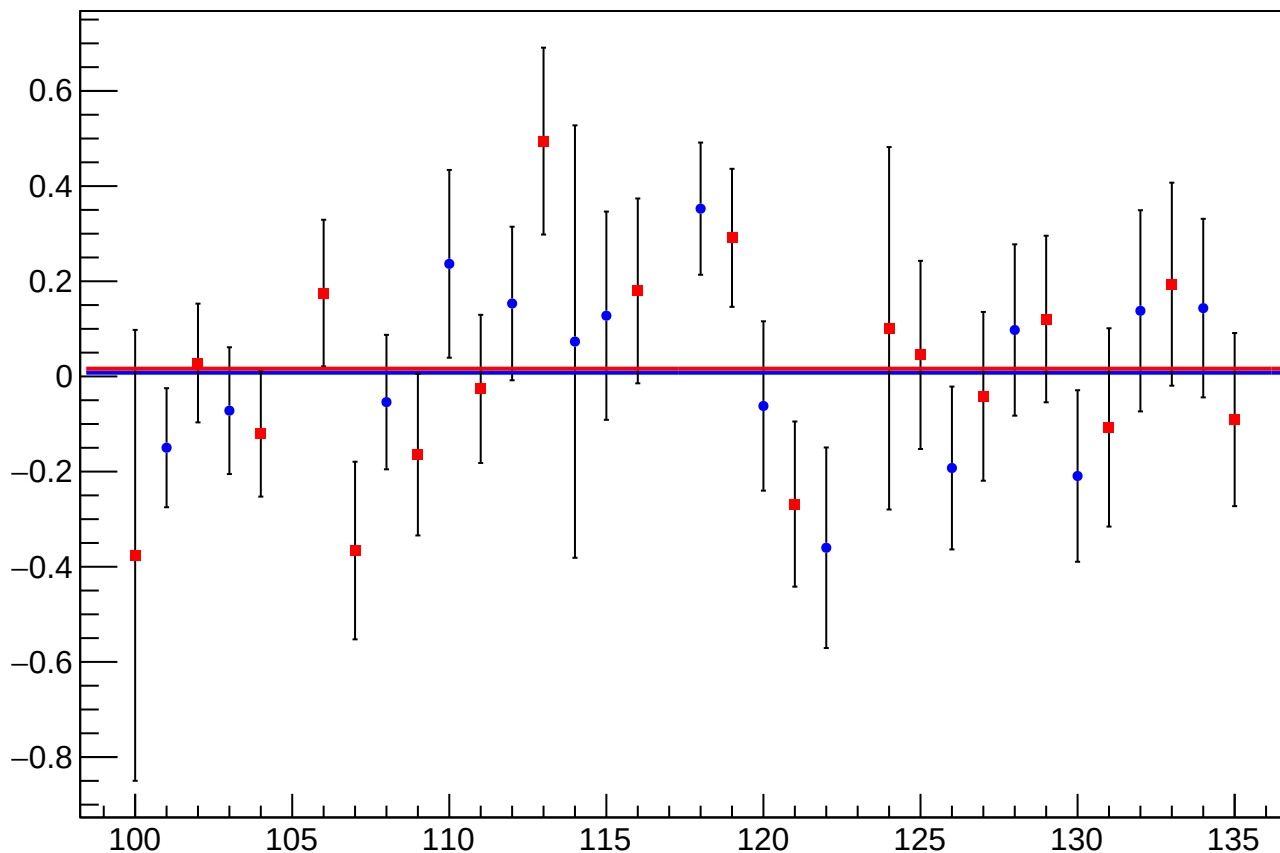
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.376+/-0.015 χ^2/NDF : 678060.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.044 χ^2 /NDF: 17.9/14

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

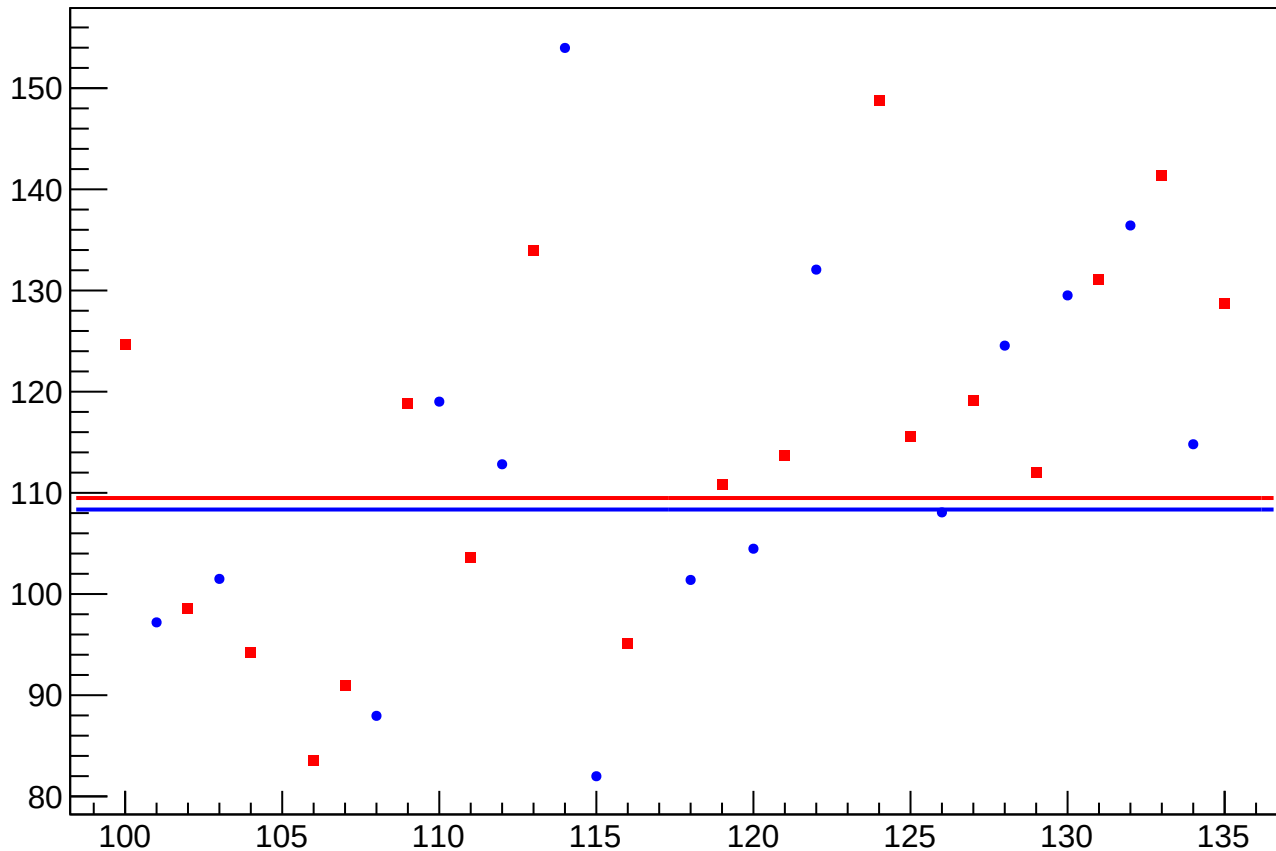
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.012 $\pm$ 0.030 χ^2 /NDF: 41.0/32

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

asym_usr_dit_vs_overload_cor_diff_rms vs Slug



Right In: 108.352+/-0.031 χ^2/NDF : 232059.9/14

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

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

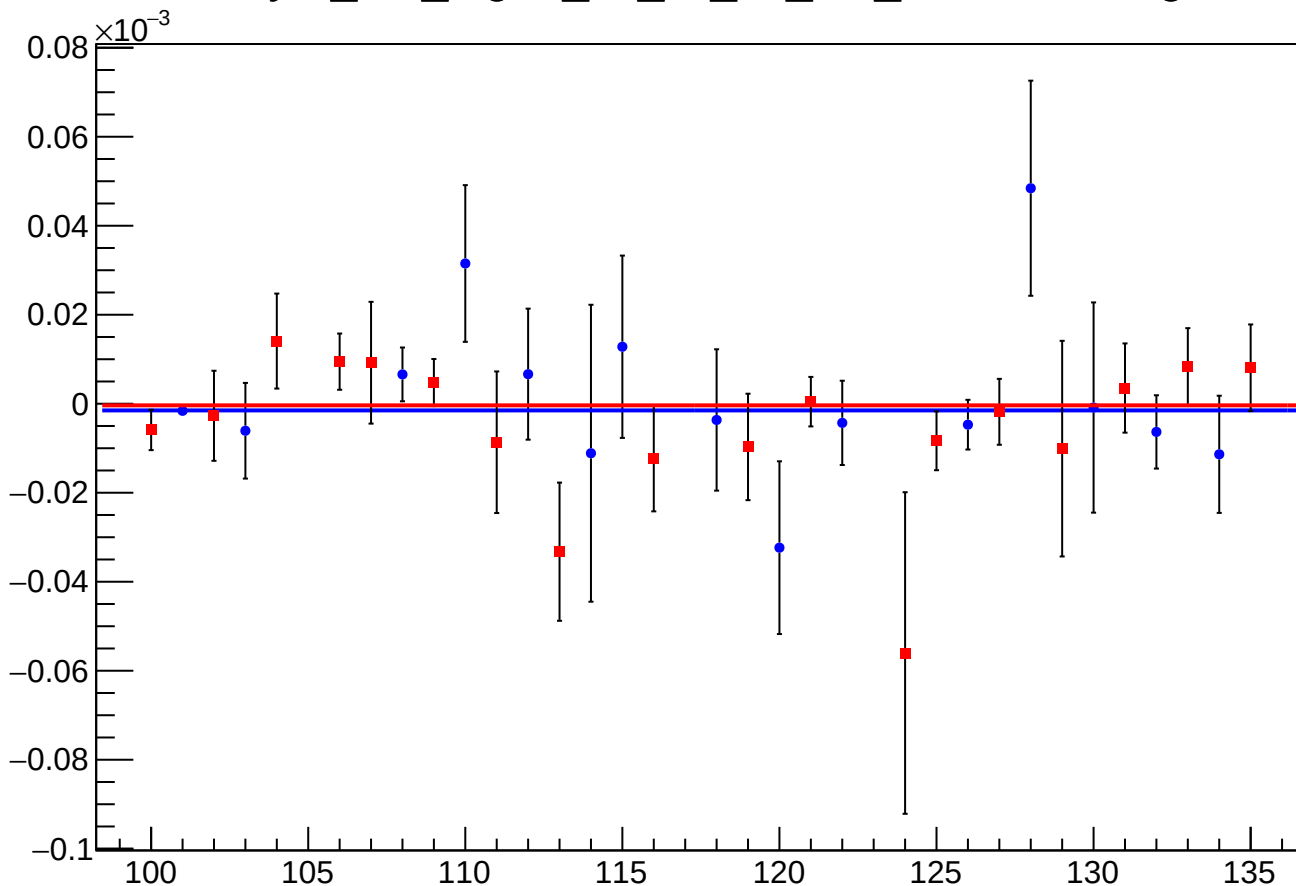
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.955+/-0.021 χ^2/NDF : 523991.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 14.5/14

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

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.5/17

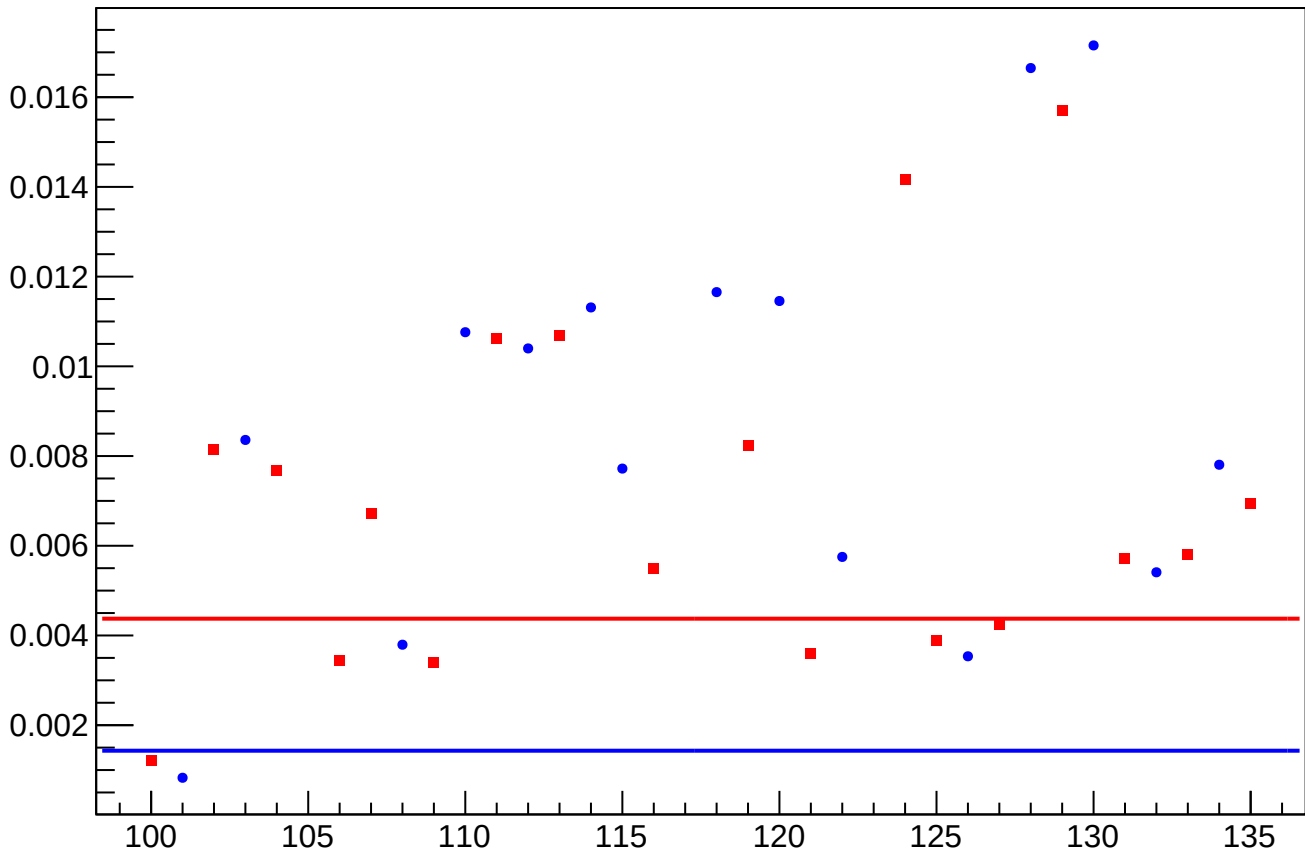
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 34.3/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 8147899.3/14

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

Right Out: 0.004+/-0.000 χ^2/NDF : 3338871.0/17

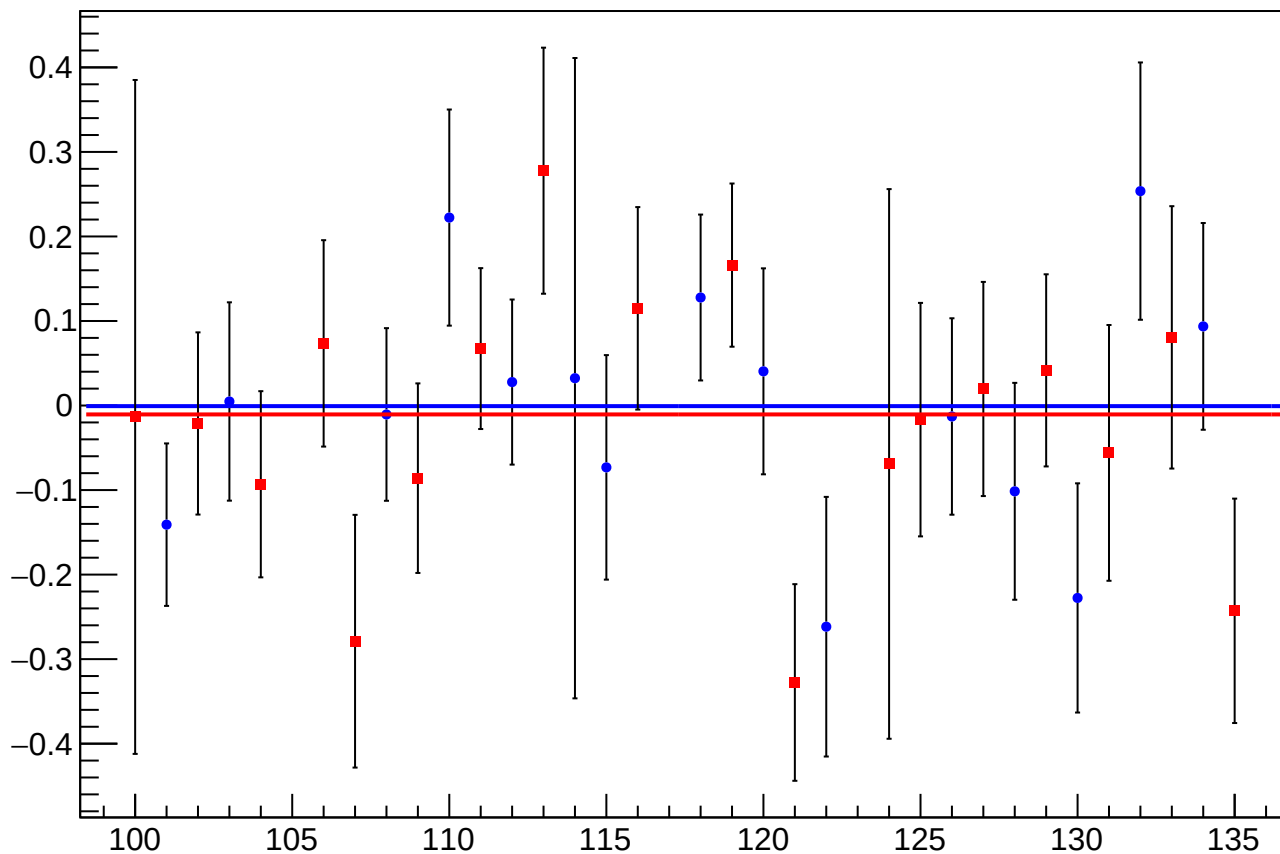
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 15145188.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.001 ± 0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.011 ± 0.030 χ^2/NDF : 25.0/17

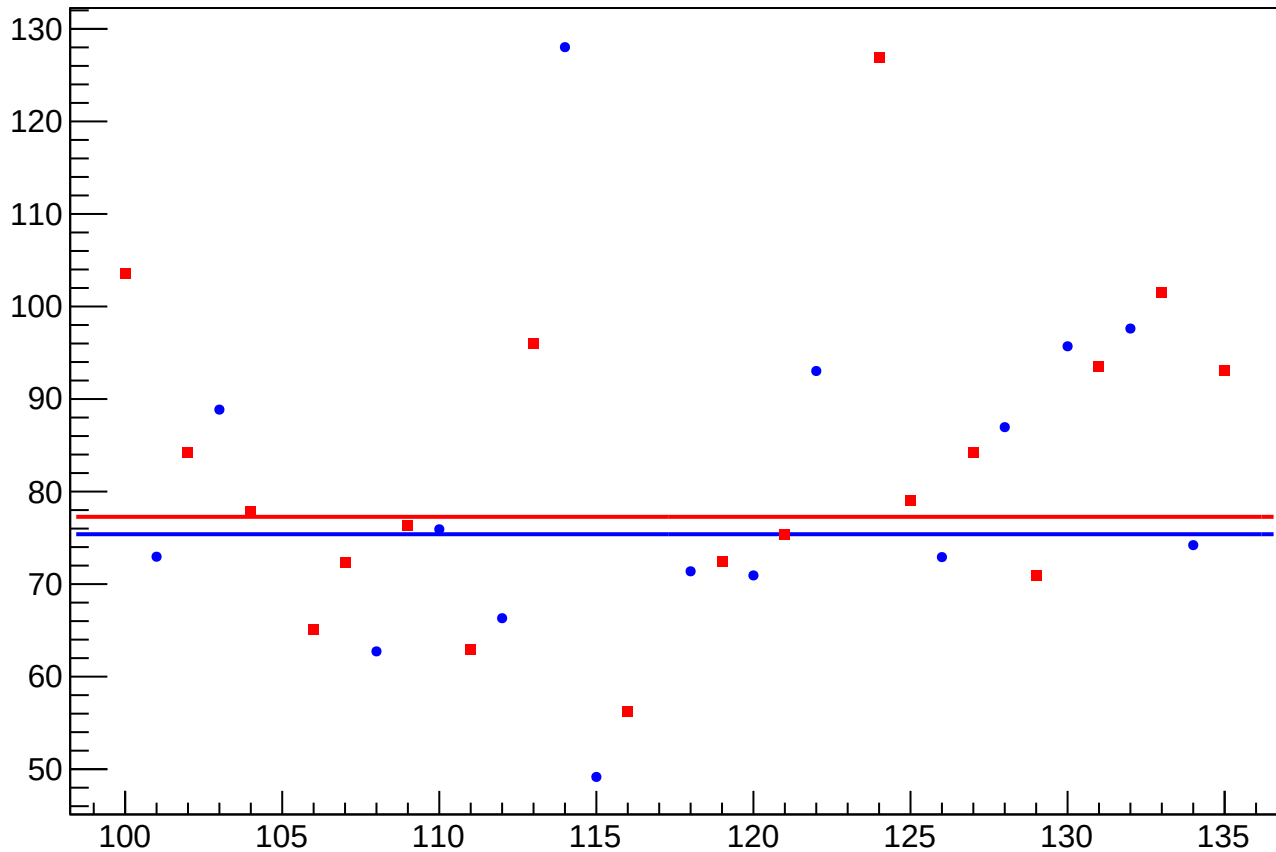
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.006 ± 0.022 χ^2/NDF : 42.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 75.390 $\pm$ 0.022 χ^2 /NDF: 329630.2/14

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

Right Out: 77.271 $\pm$ 0.021 χ^2 /NDF: 344625.7/17

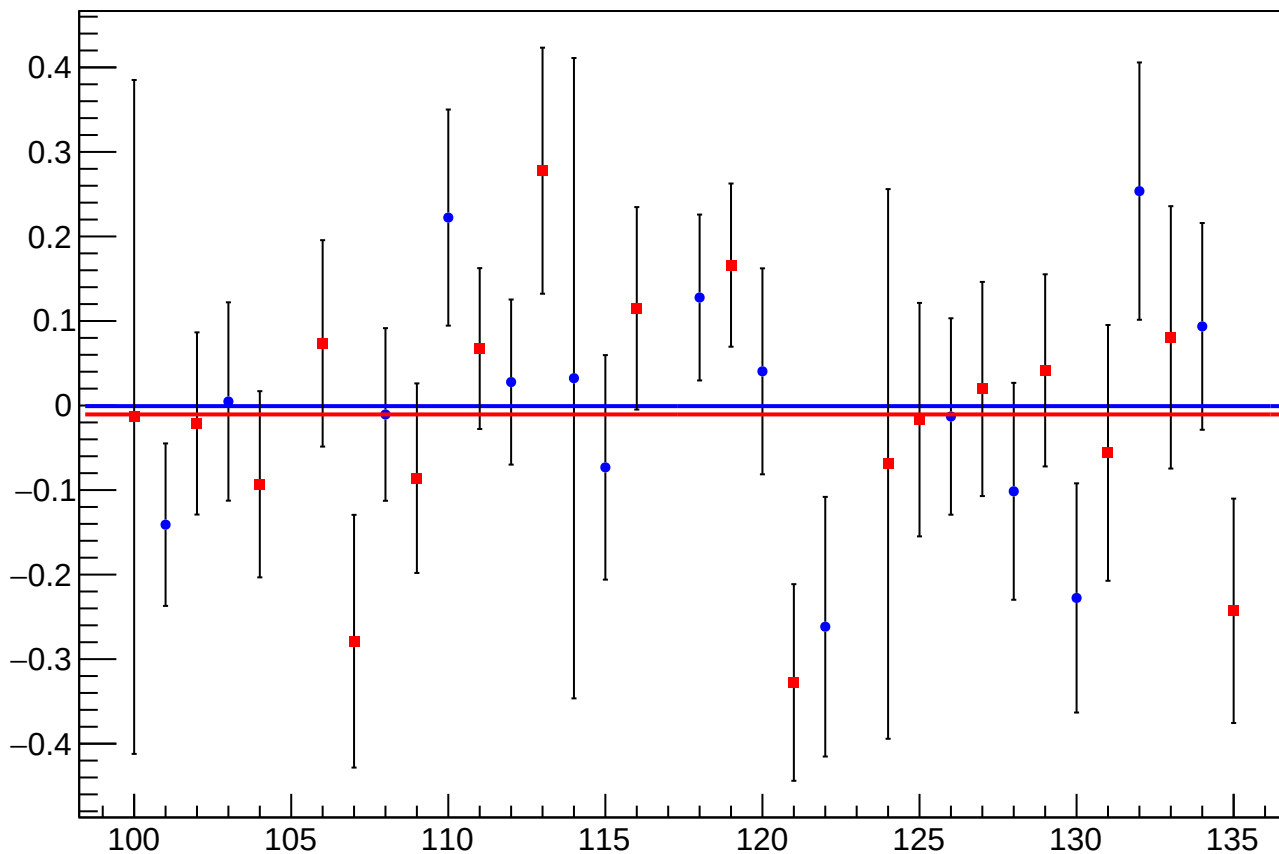
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 76.374 $\pm$ 0.015 χ^2 /NDF: 678032.8/32

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

asym_usr_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.001±/0.031 χ^2/NDF : 17.1/14

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

Right Out: -0.011±/0.030 χ^2/NDF : 25.0/17

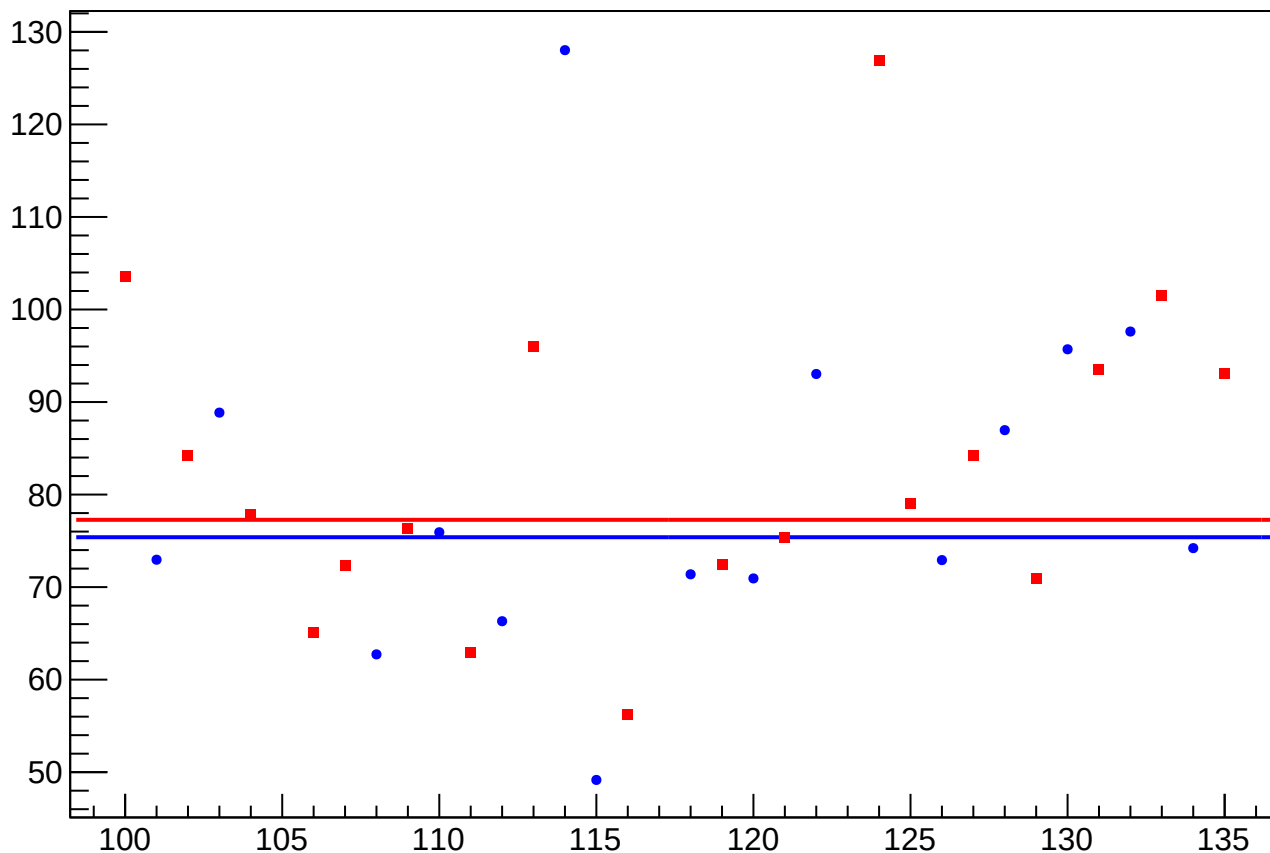
Left In: 0.000±/0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/0.000 χ^2/NDF : 0.0/0

All: -0.006±/0.022 χ^2/NDF : 42.2/32

- sign 0.000±/0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 75.390 $\pm$ 0.022 χ^2 /NDF: 329630.2/14

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

Right Out: 77.271 $\pm$ 0.021 χ^2 /NDF: 344625.7/17

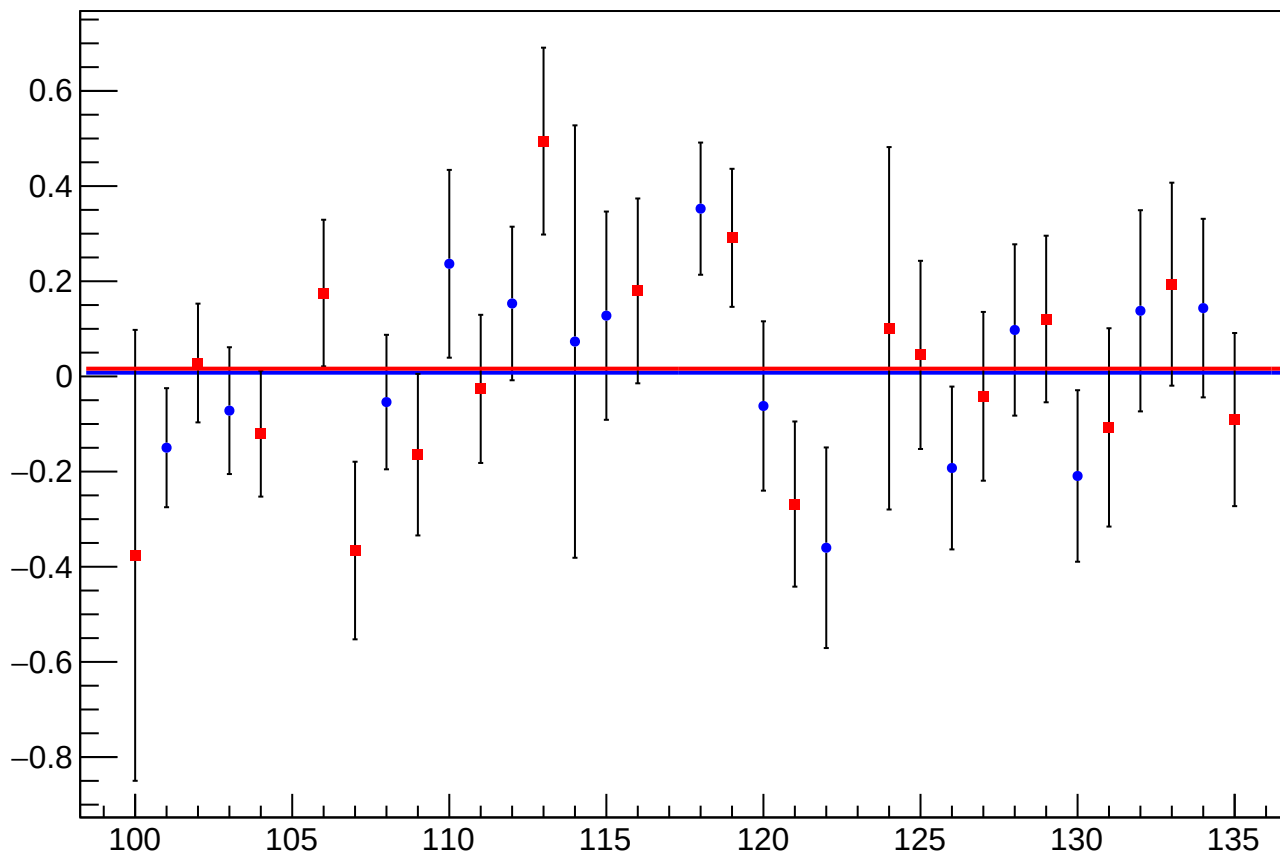
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 76.374 $\pm$ 0.015 χ^2 /NDF: 678032.8/32

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

asym_usr_eigen_dit_vs_overload_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.044 χ^2 /NDF: 17.9/14

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

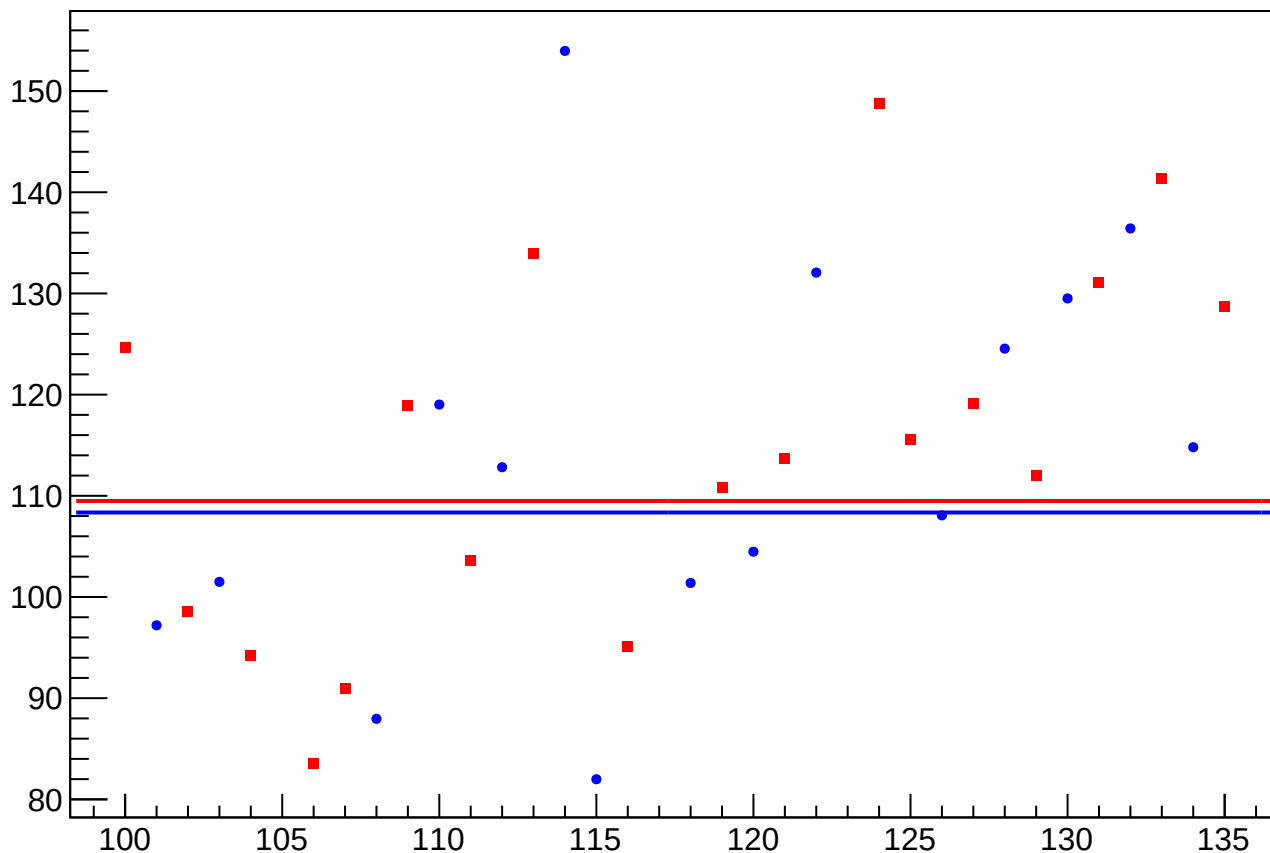
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.012 $\pm$ 0.030 χ^2 /NDF: 41.0/32

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

asym_usr_eigen_dit_vs_overload_cor_diff_rms vs Slug



Right In: 108.351+/-0.031 χ^2/NDF : 232031.2/14

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

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

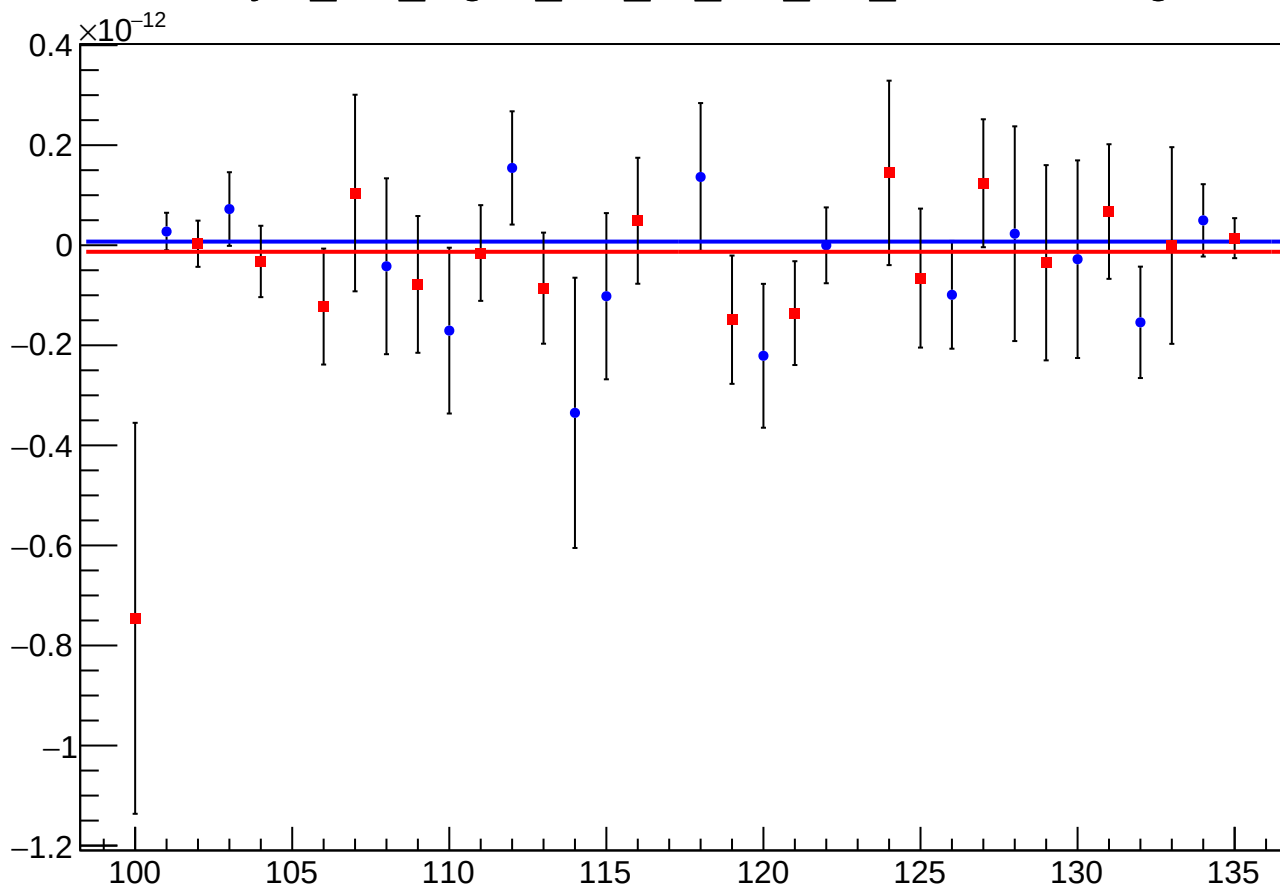
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.954+/-0.021 χ^2/NDF : 523934.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.8/14

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

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.2/17

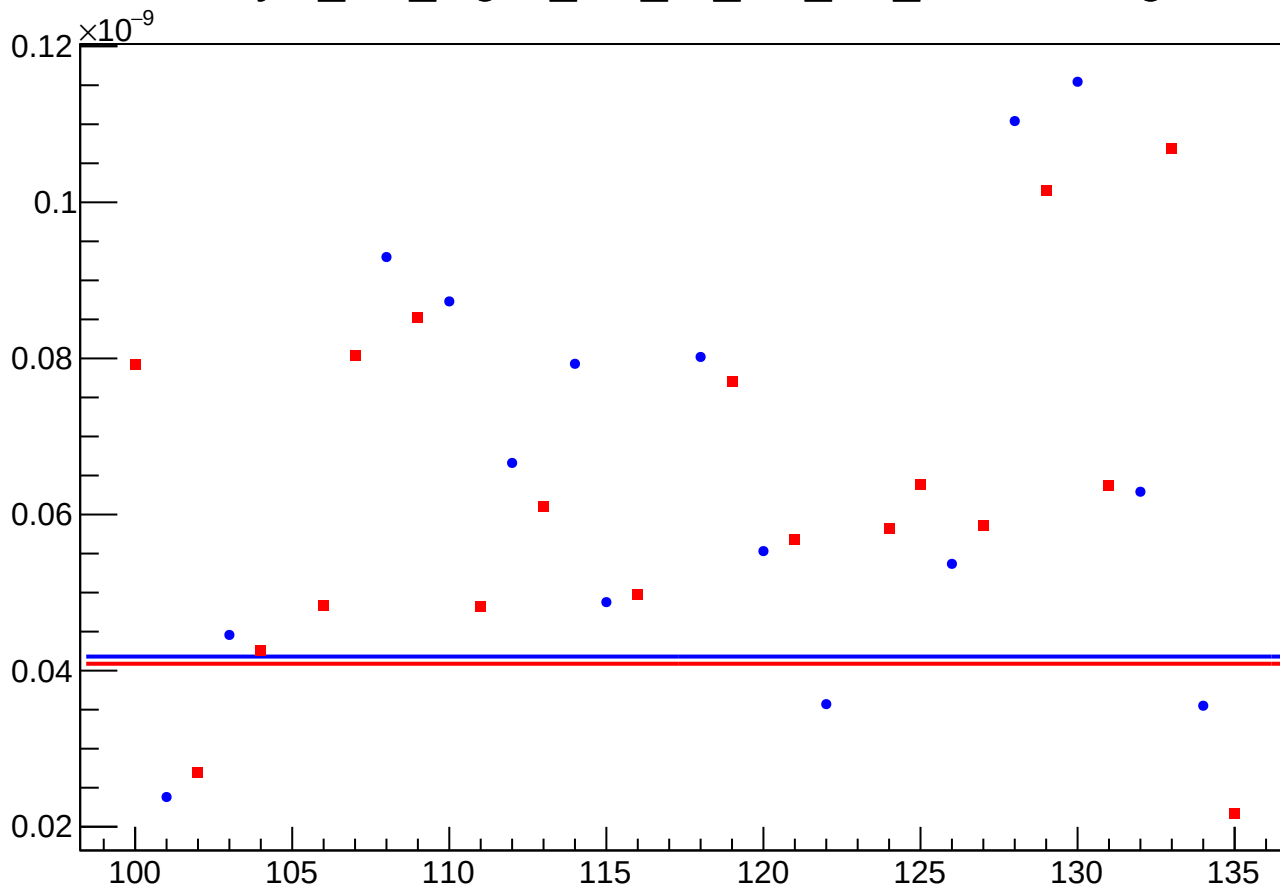
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.4/32

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

asym_usr_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1680945.1/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1844011.6/17

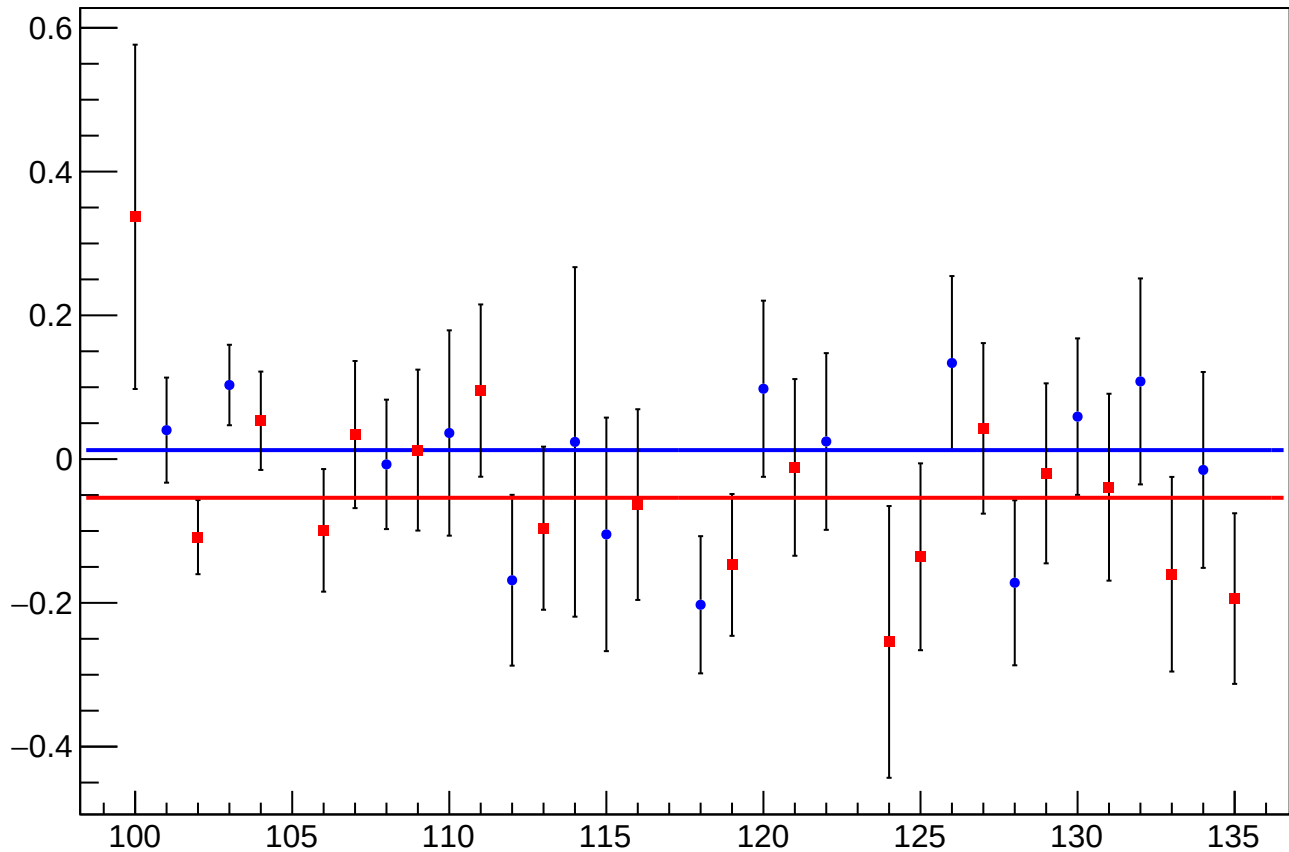
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3526583.9/32

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

asym_usr_overload_cor_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.027 χ^2 /NDF: 15.5/14

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

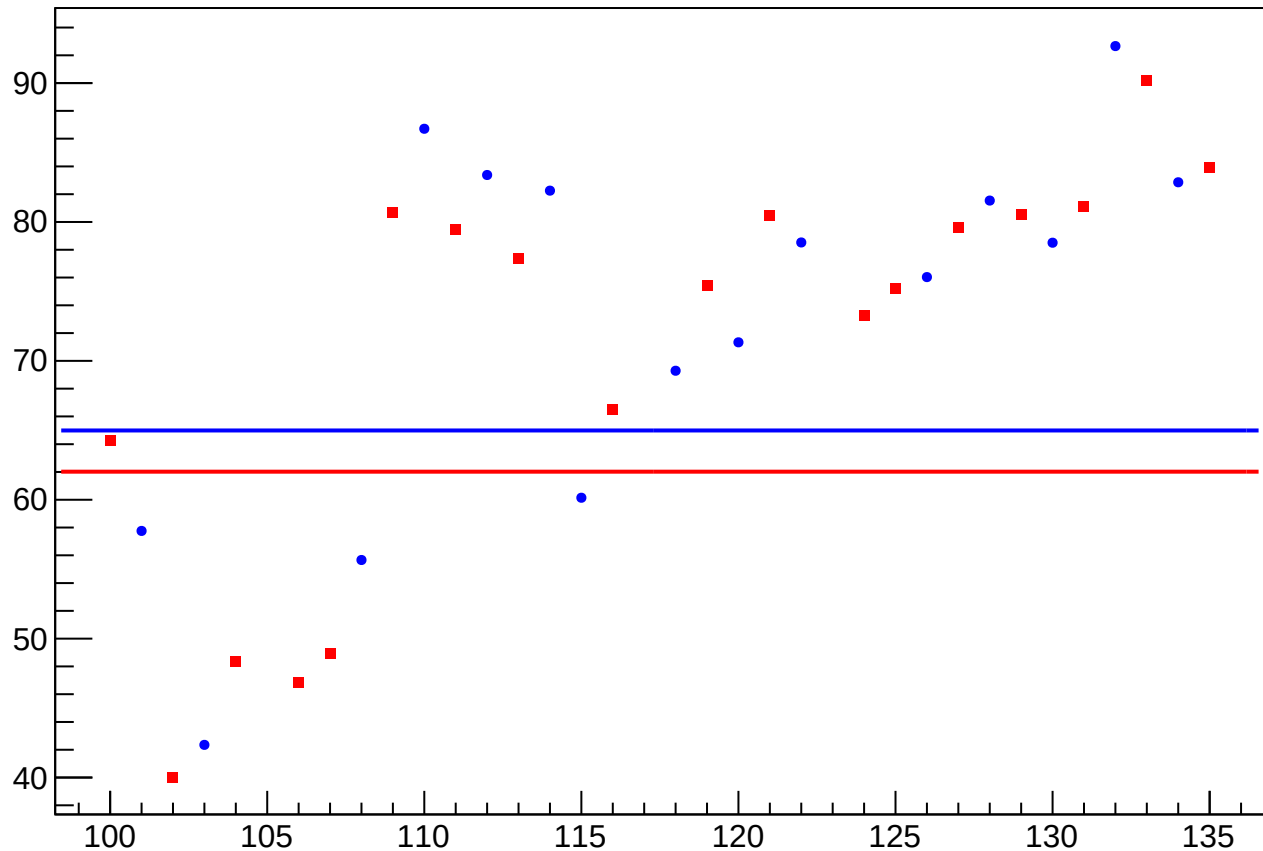
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.024 $\pm$ 0.018 χ^2 /NDF: 33.5/32

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

asym_usr_overload_cor_vs_cor_diff_rms vs Slug



Right In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

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

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

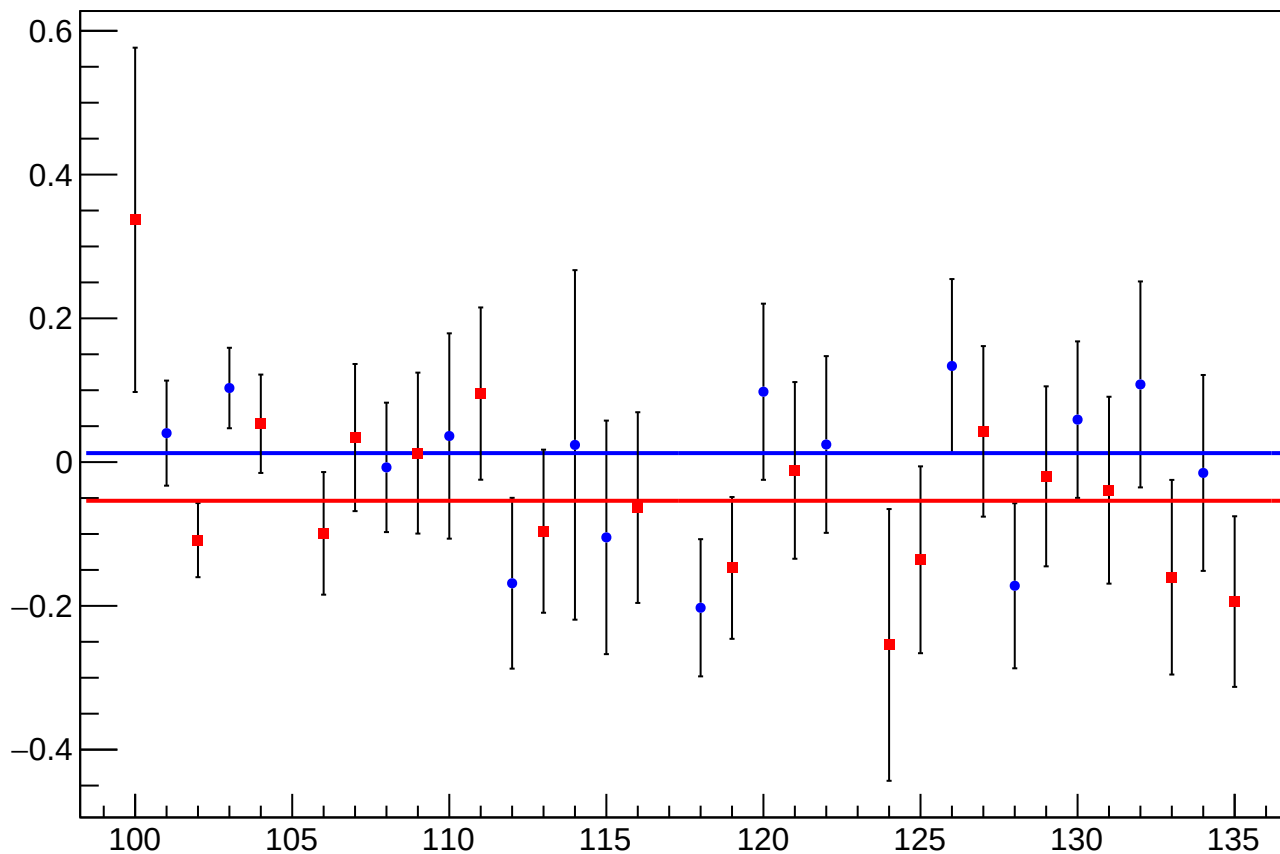
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.350+/-0.013 χ^2/NDF : 1792457.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_overload_cor_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.027 χ^2 /NDF: 15.5/14

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

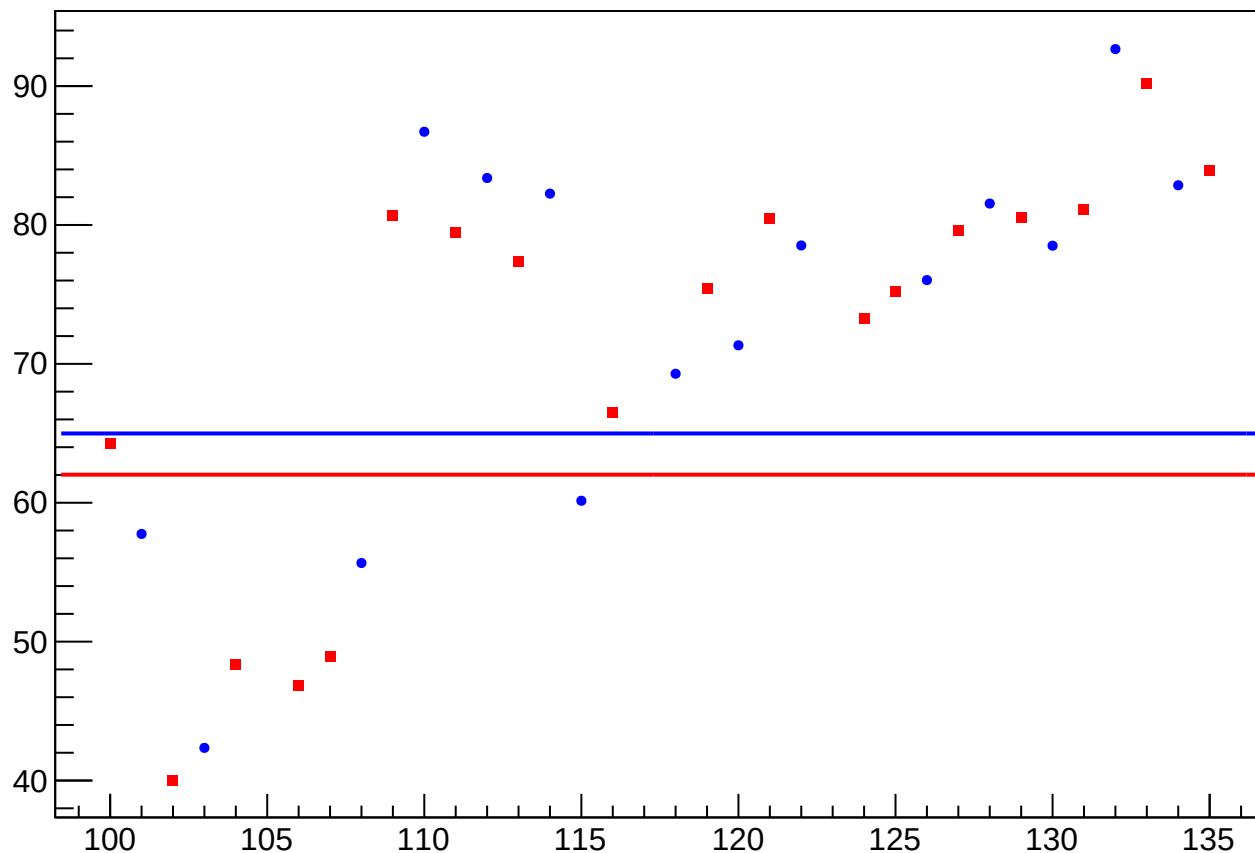
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.024 $\pm$ 0.018 χ^2 /NDF: 33.5/32

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

asym_usr_overload_cor_vs_eigen_cor_diff_rms vs Slug



Right In: 64.989+/-0.019 χ^2/NDF : 705985.4/14

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

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

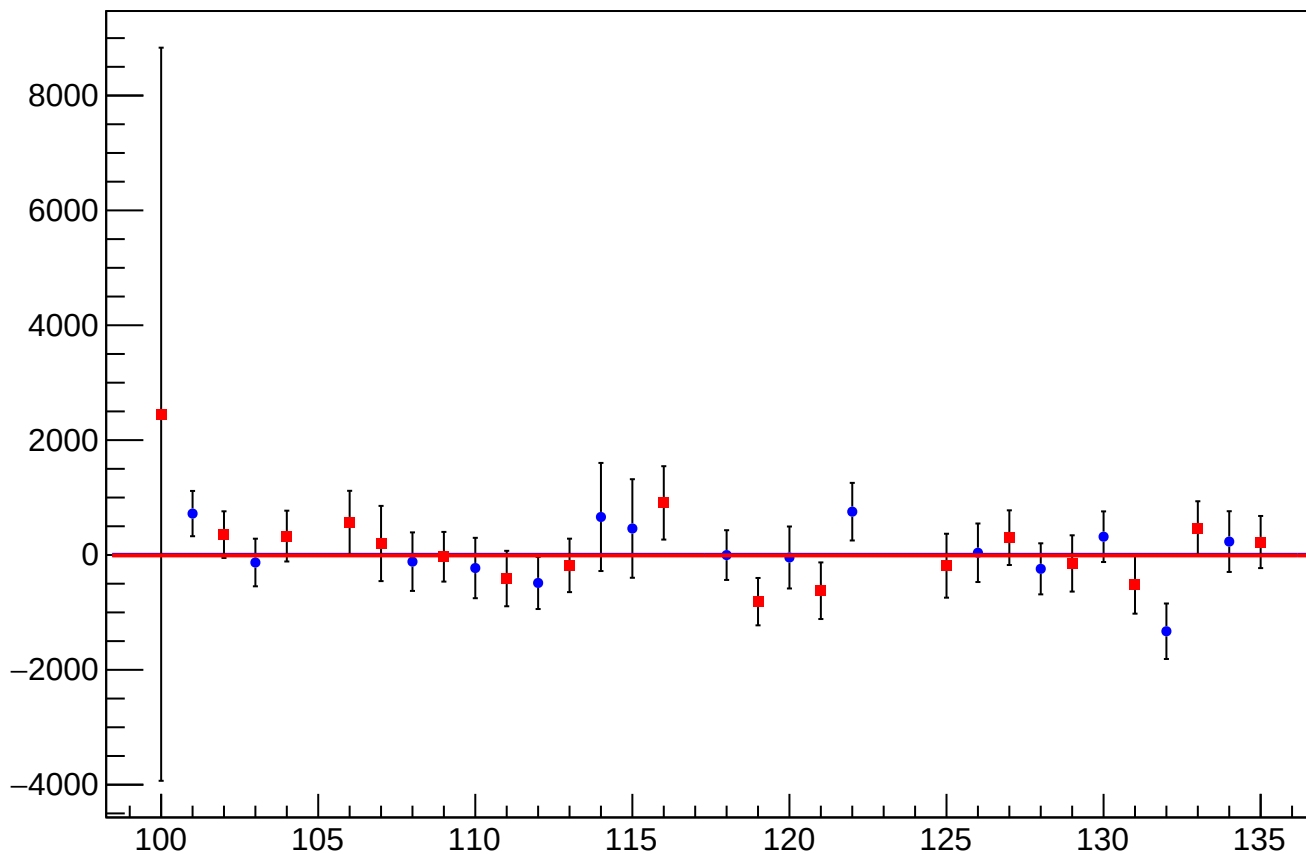
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.350+/-0.013 χ^2/NDF : 1792457.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_mean vs Slug



Right In: 2.616+/-127.288 χ^2/NDF : 16.4/14

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

Right Out: -7.589+/-120.868 χ^2/NDF : 13.8/16

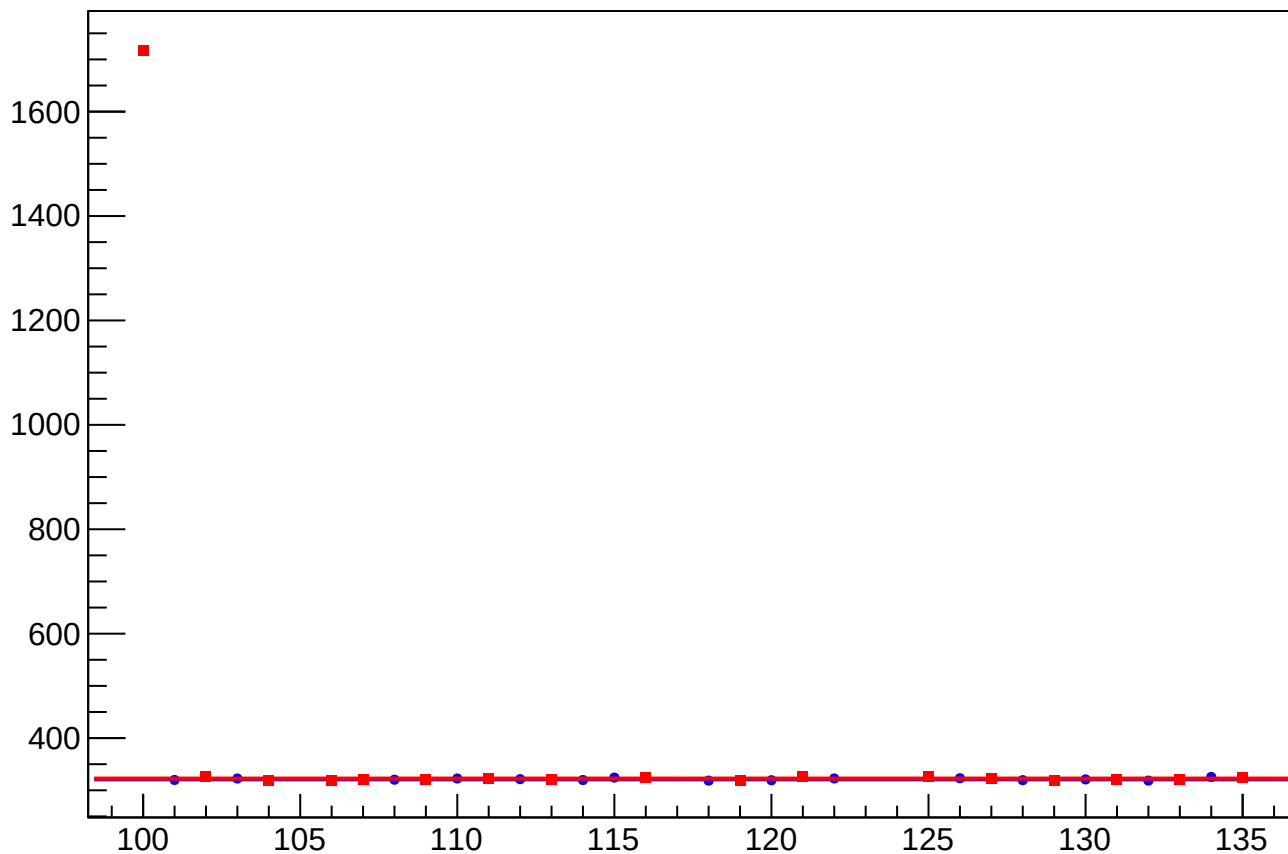
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.751+/-87.648 χ^2/NDF : 30.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_dsl_rms vs Slug



Right In: 321.017 $\pm$ 0.090 χ^2 /NDF: 467.8/14

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

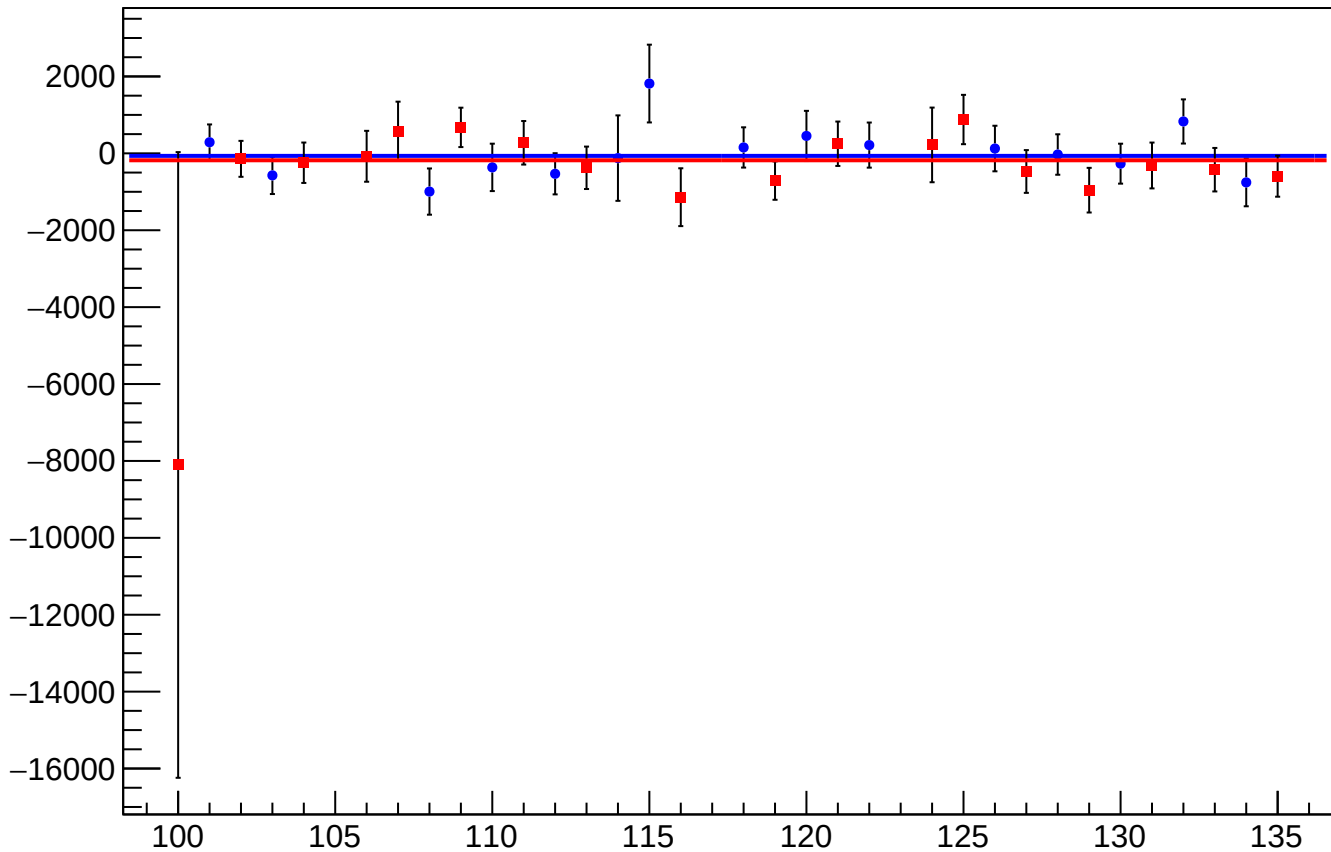
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 321.785 $\pm$ 0.062 χ^2 /NDF: 97469.7/31

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

asym_dsr_mean vs Slug



Right In: -65.717 ± 150.296 χ^2/NDF : 13.5/14

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

Right Out: -180.386 ± 140.920 χ^2/NDF : 14.7/17

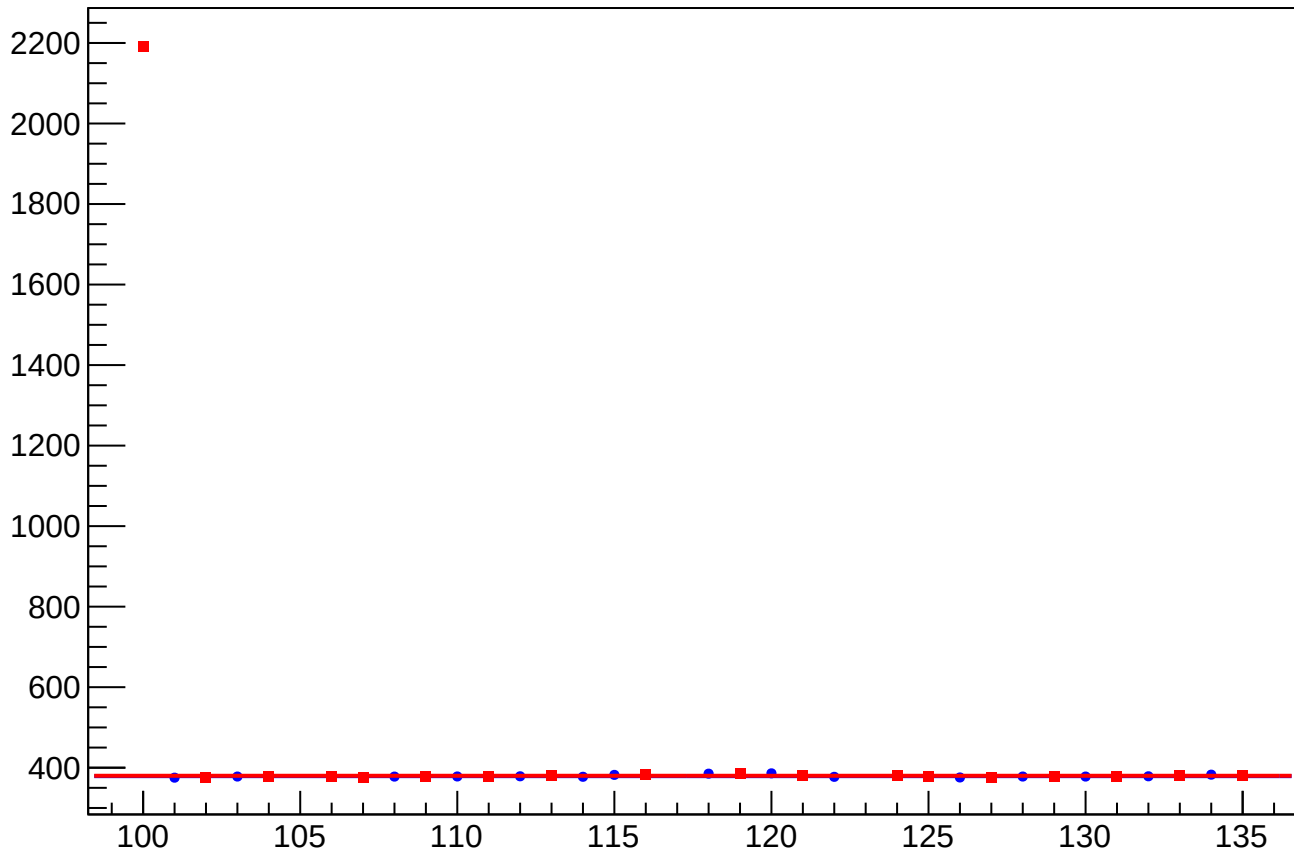
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -126.740 ± 102.801 χ^2/NDF : 28.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_dsr_rms vs Slug



Right In: 379.019 $\pm$ 0.106 χ^2 /NDF: 842.6/14

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

Right Out: 379.972 $\pm$ 0.100 χ^2 /NDF: 99588.9/17

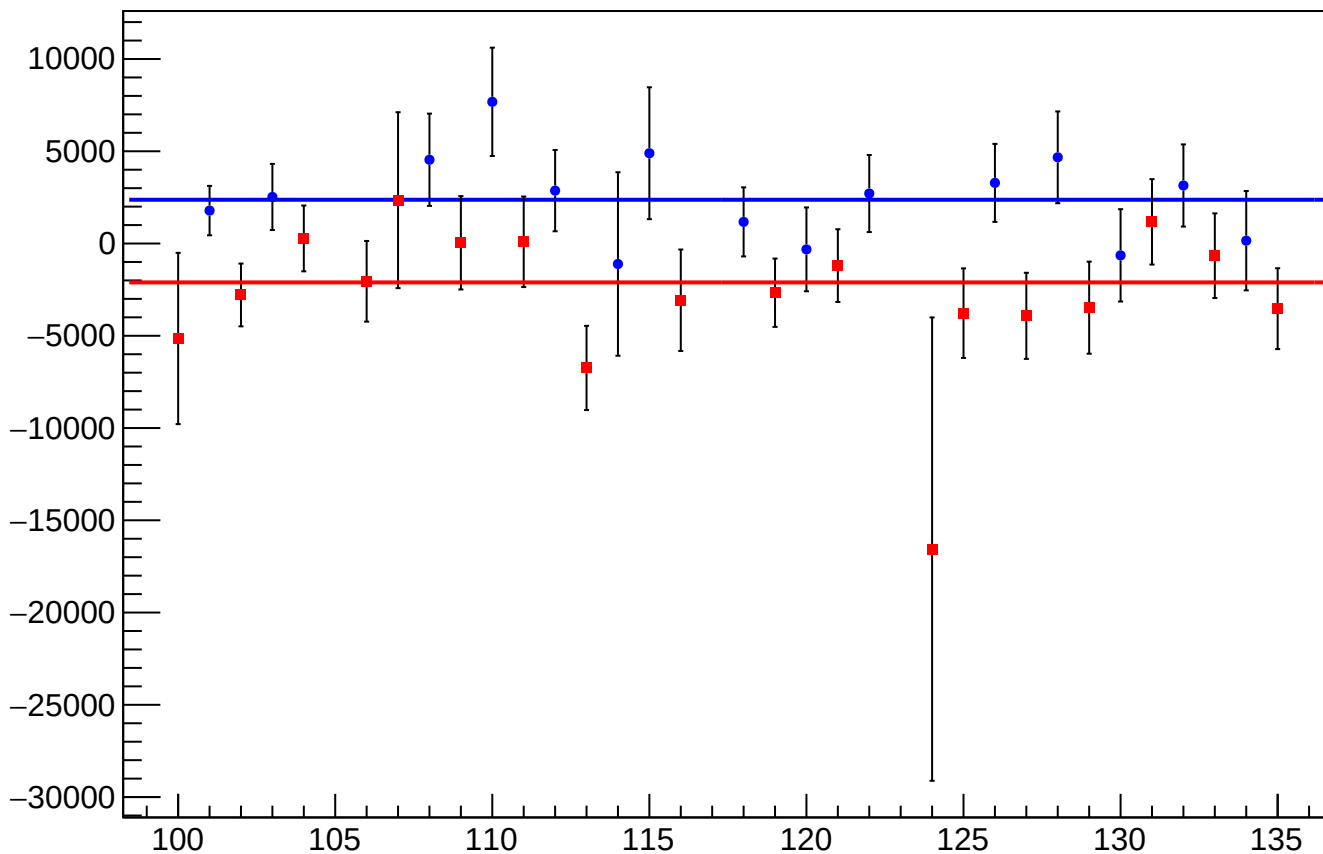
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 379.527 $\pm$ 0.073 χ^2 /NDF: 100474.3/32

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

asym_us_agg_avg_mean vs Slug



Right In: 2372.145 $\pm$ 571.382 χ^2 /NDF: 10.4/14

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

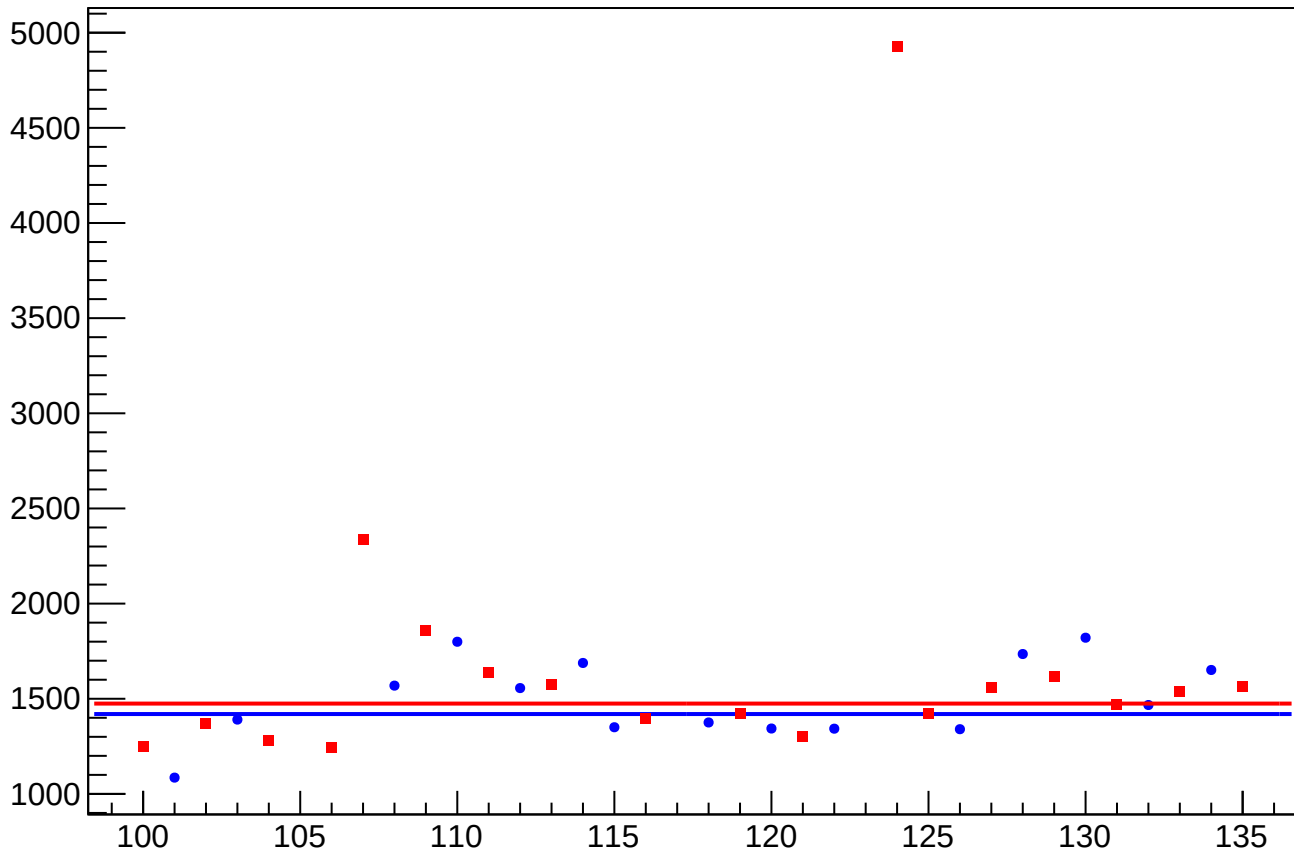
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 62.298 $\pm$ 397.649 χ^2 /NDF: 56.9/32

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

asym_us_agg_avg_rms vs Slug



Right In: 1419.688+/-0.404 χ^2/NDF : 288019.9/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

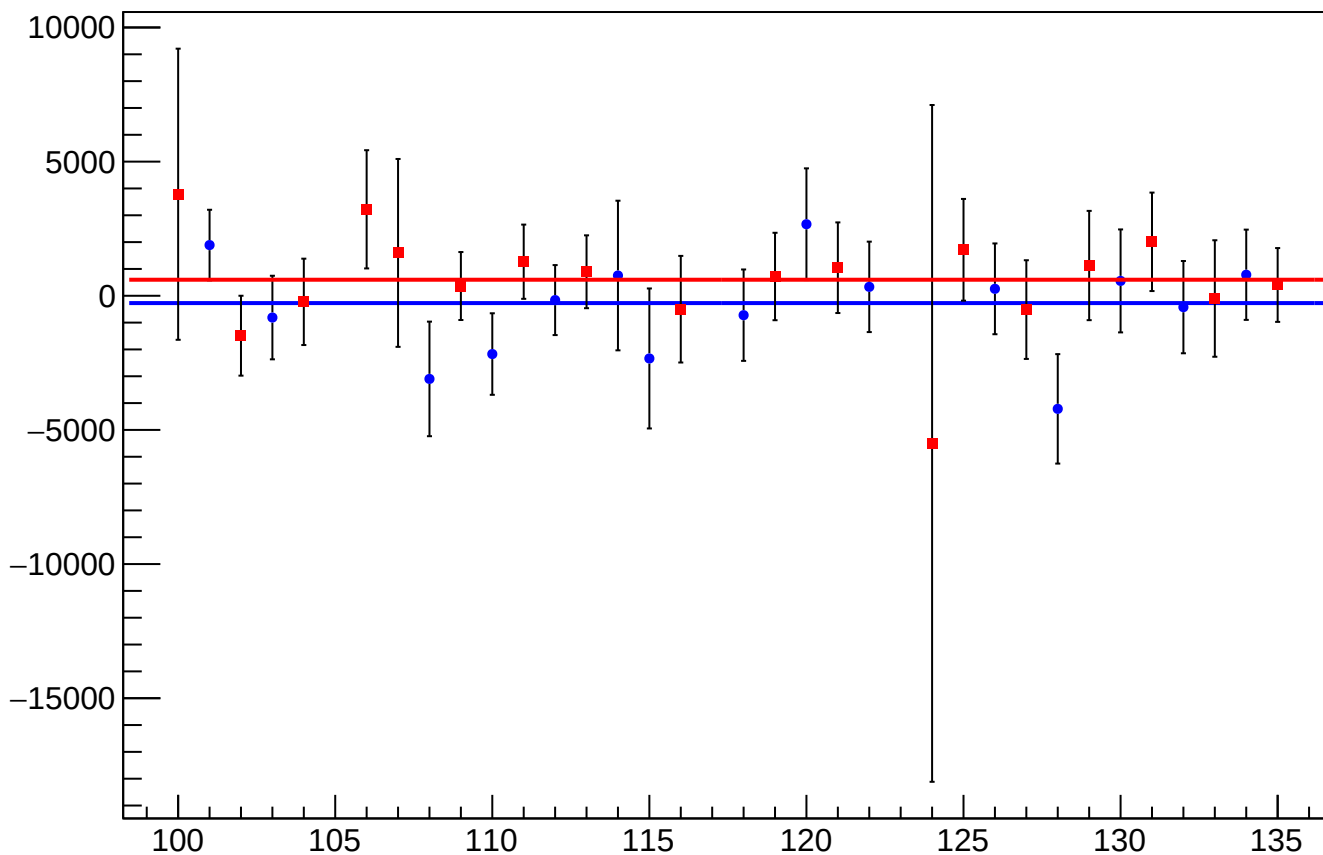
Right Out: 1474.661+/-0.392 χ^2/NDF : 367804.9/17

All: 1448.036+/-0.281 χ^2/NDF : 665371.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_us_agg_dd_mean vs Slug



Right In: -272.560 ± 447.845 χ^2/NDF : 13.5/14

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

Right Out: 597.861 ± 419.364 χ^2/NDF : 6.5/17

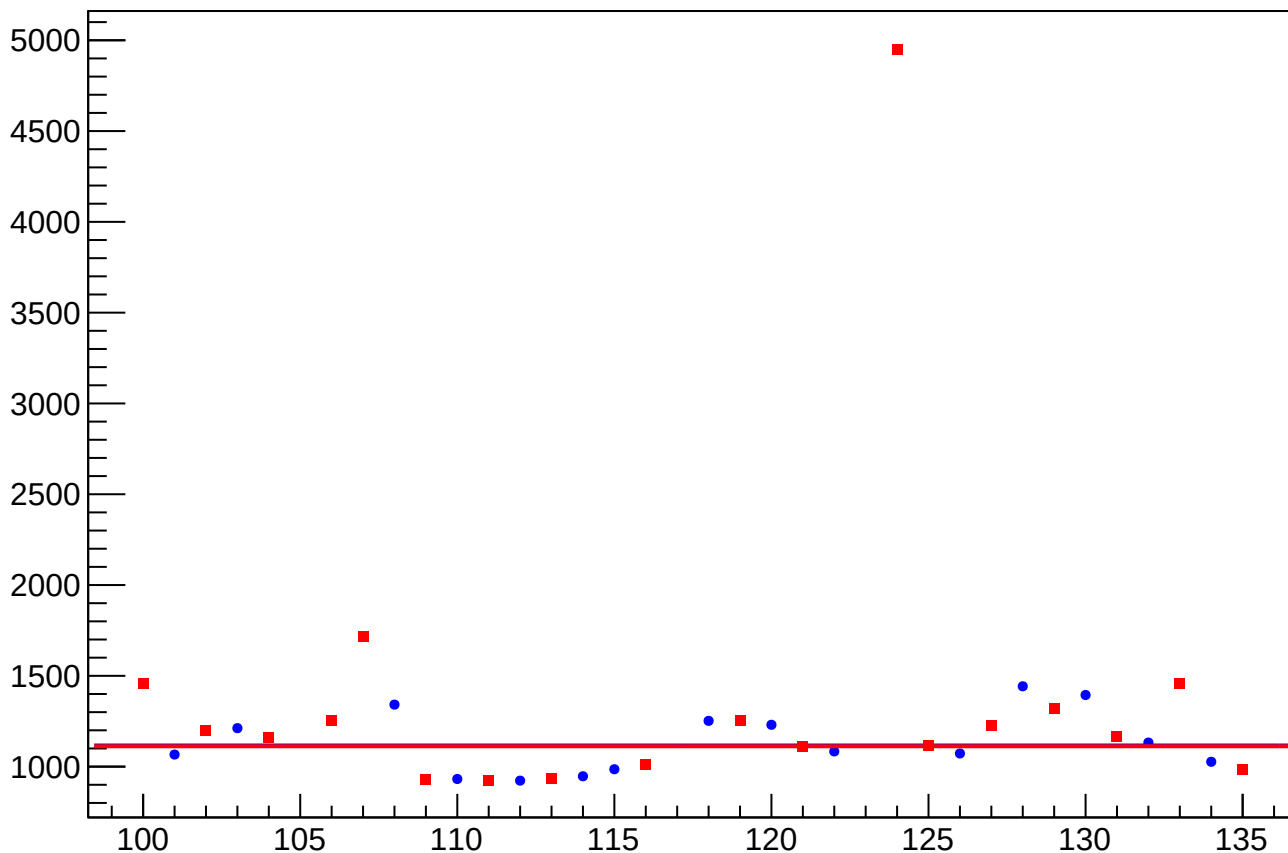
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 191.205 ± 306.109 χ^2/NDF : 22.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_agg_dd_rms vs Slug



Right In: 1116.235 $\pm$ 0.317 χ^2 /NDF: 238243.7/14

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

Right Out: 1112.141 $\pm$ 0.297 χ^2 /NDF: 502945.9/17

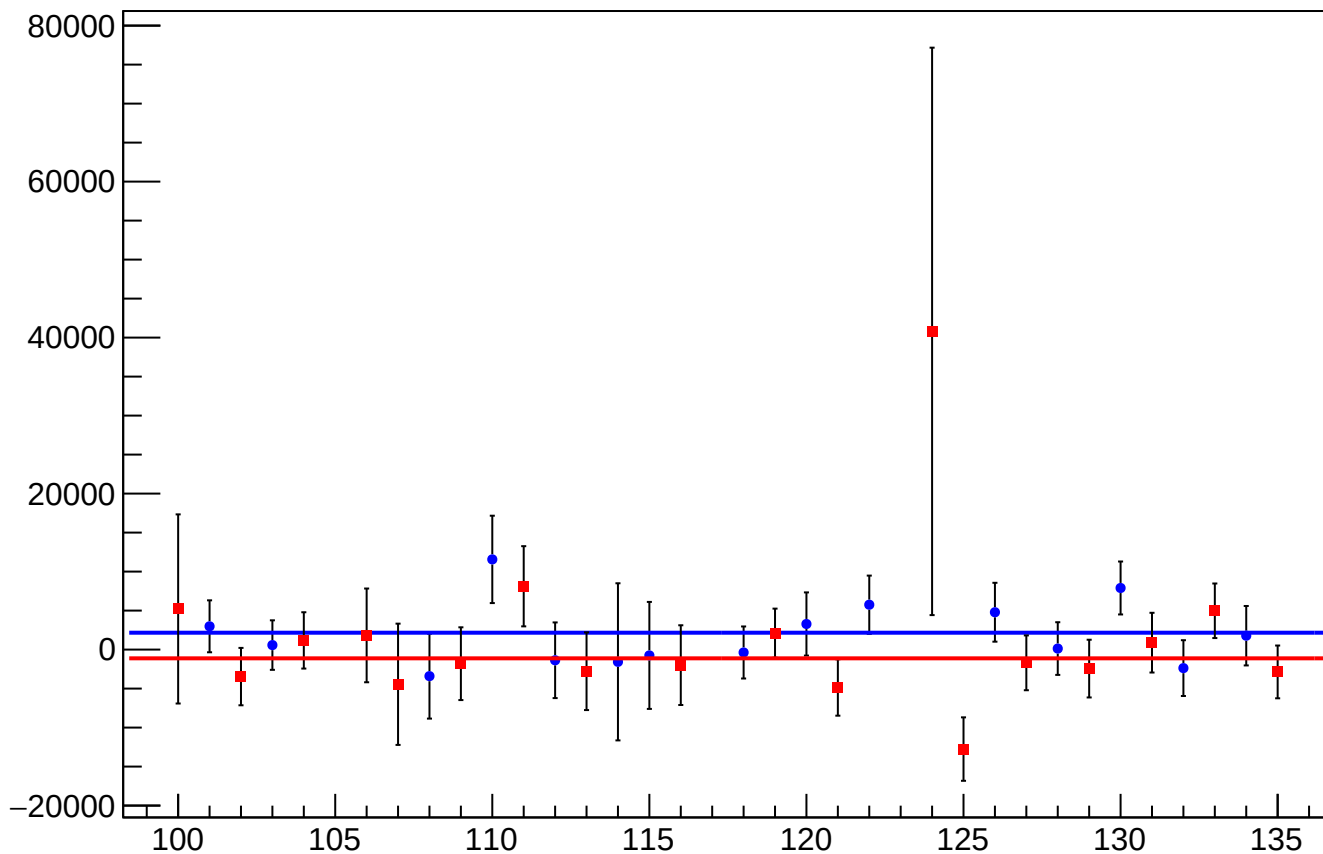
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 1114.054 $\pm$ 0.216 χ^2 /NDF: 741278.6/32

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

reg_asym_atl1_mean vs Slug



Right In: 2163.798+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: -1121.976+/-1002.788 χ^2/NDF : 20.3/17

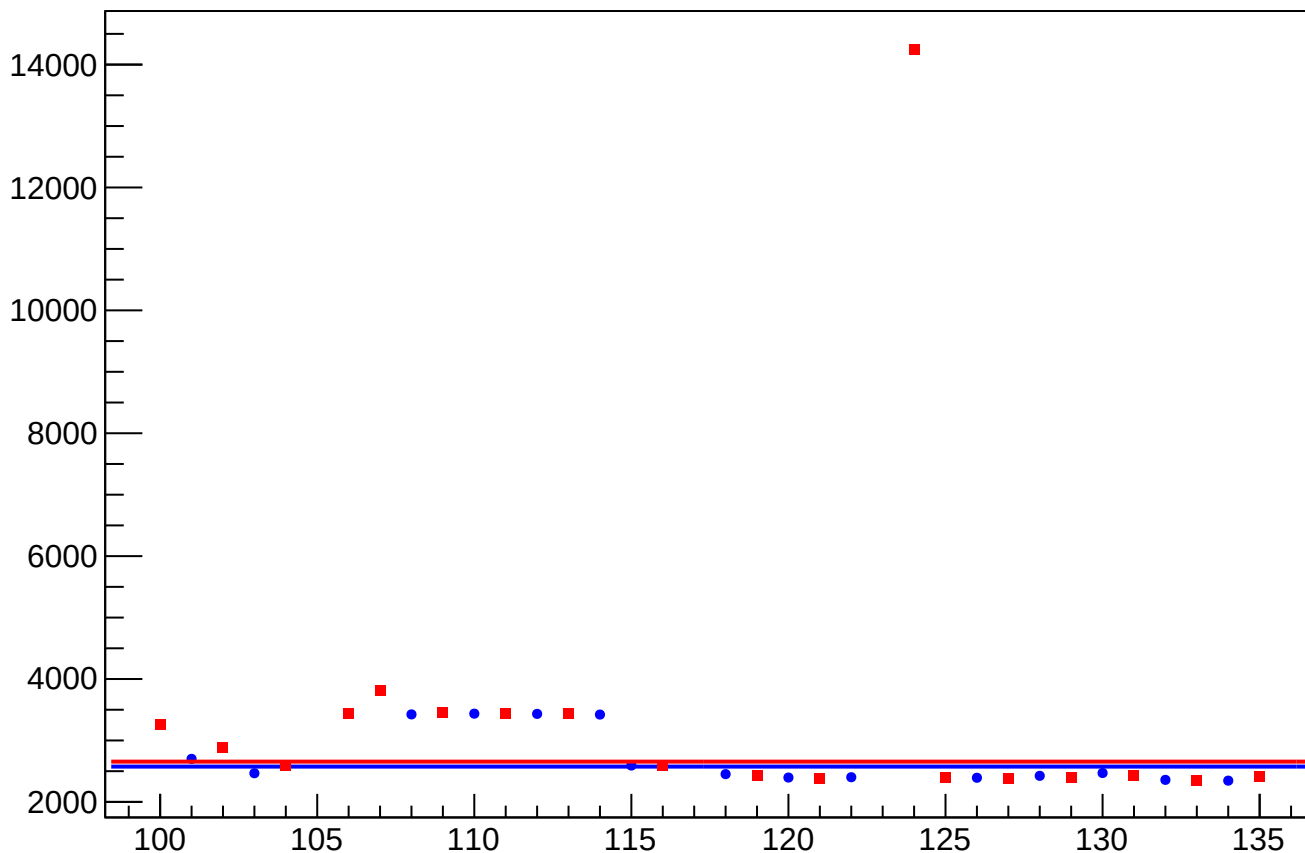
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 477.201+/-718.449 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_rms vs Slug



Right In: 2574.643 $\pm$ 0.728 χ^2 /NDF: 213688.4/14

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

Right Out: 2655.533 $\pm$ 0.709 χ^2 /NDF: 531399.3/17

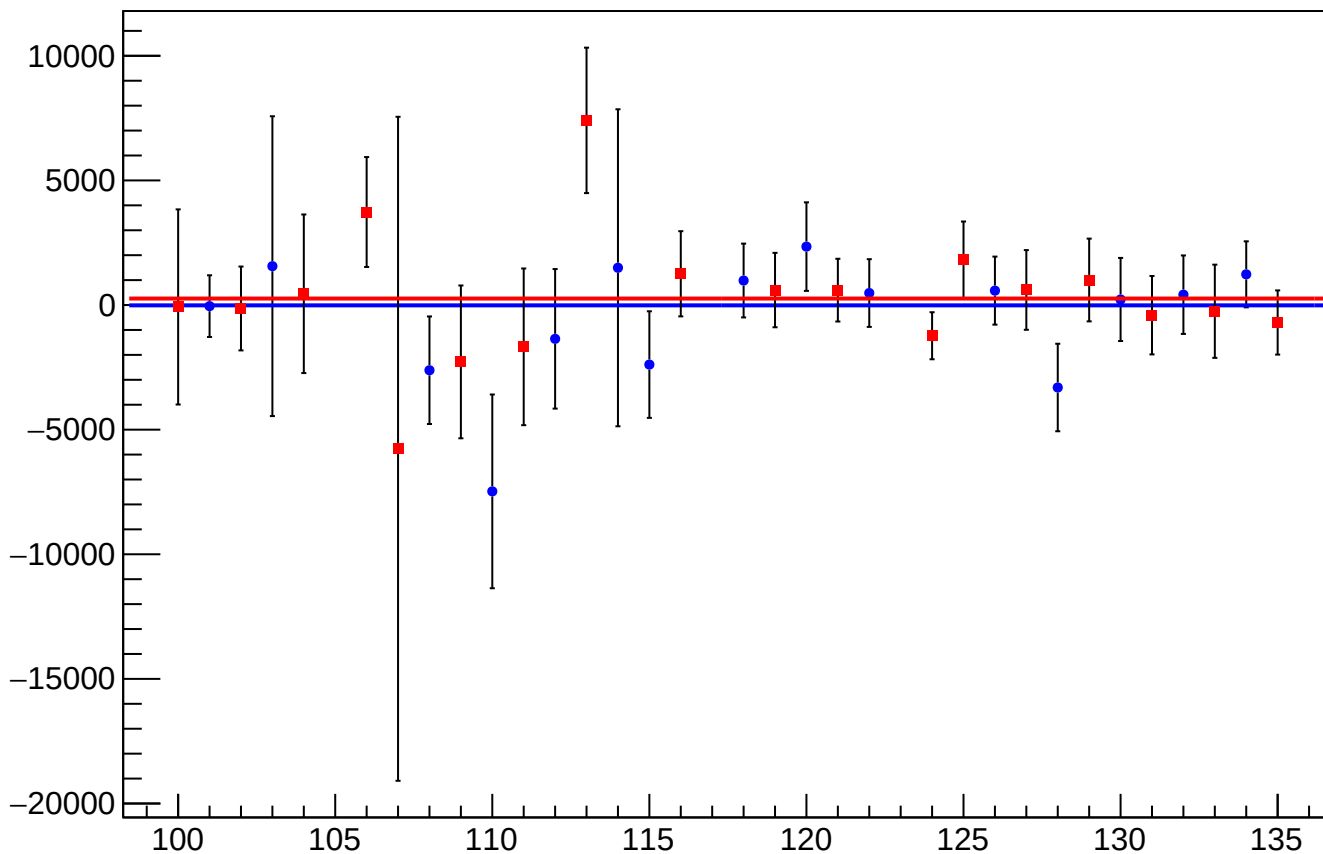
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2616.164 $\pm$ 0.508 χ^2 /NDF: 751421.6/32

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

asym_atl1_reg_correction_mean vs Slug



Right In: -12.453 ± 454.429 χ^2/NDF : 13.8/14

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

Right Out: 260.523 ± 405.975 χ^2/NDF : 14.9/17

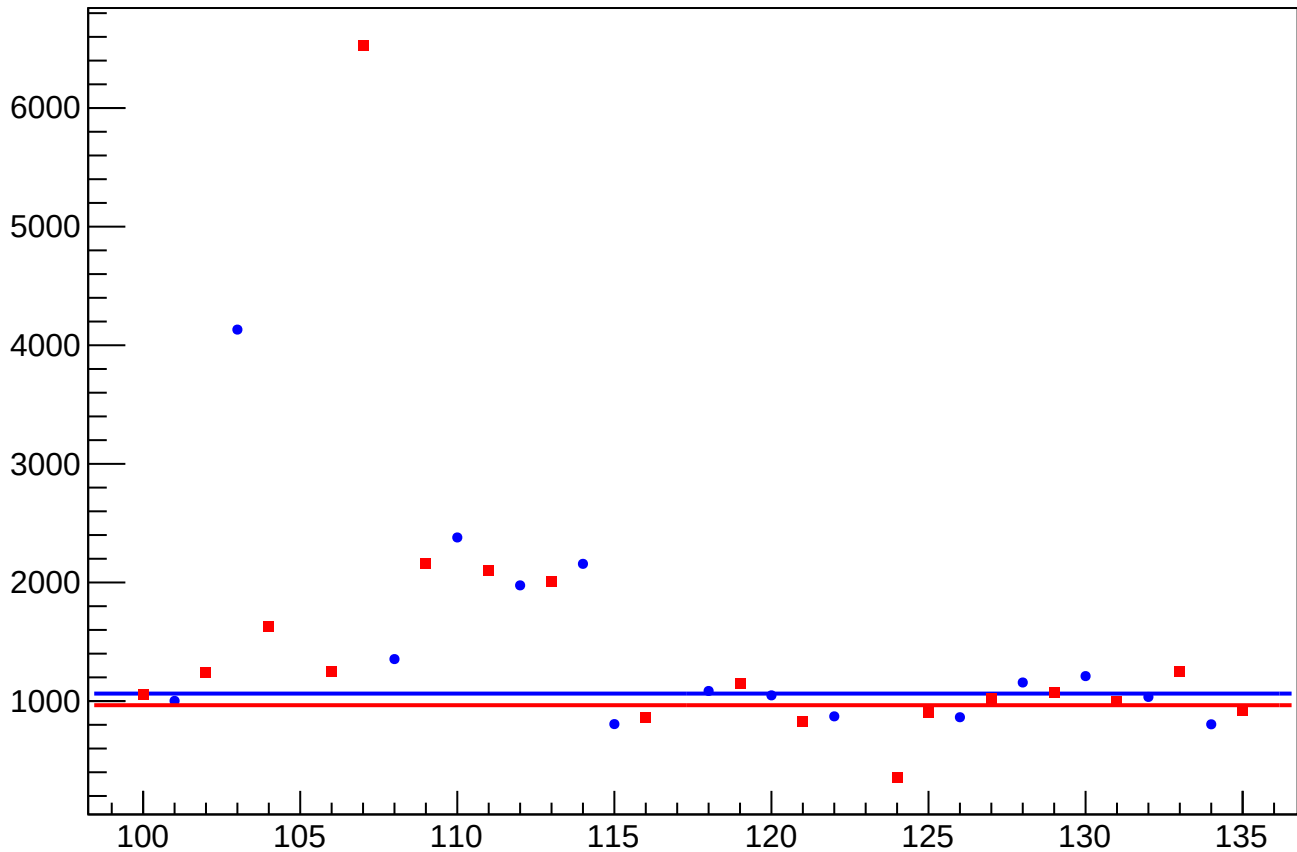
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 139.359 ± 302.754 χ^2/NDF : 28.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_correction_rms vs Slug



Right In: 1063.288+/-0.321 χ^2 /NDF: 1273298.4/14

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

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

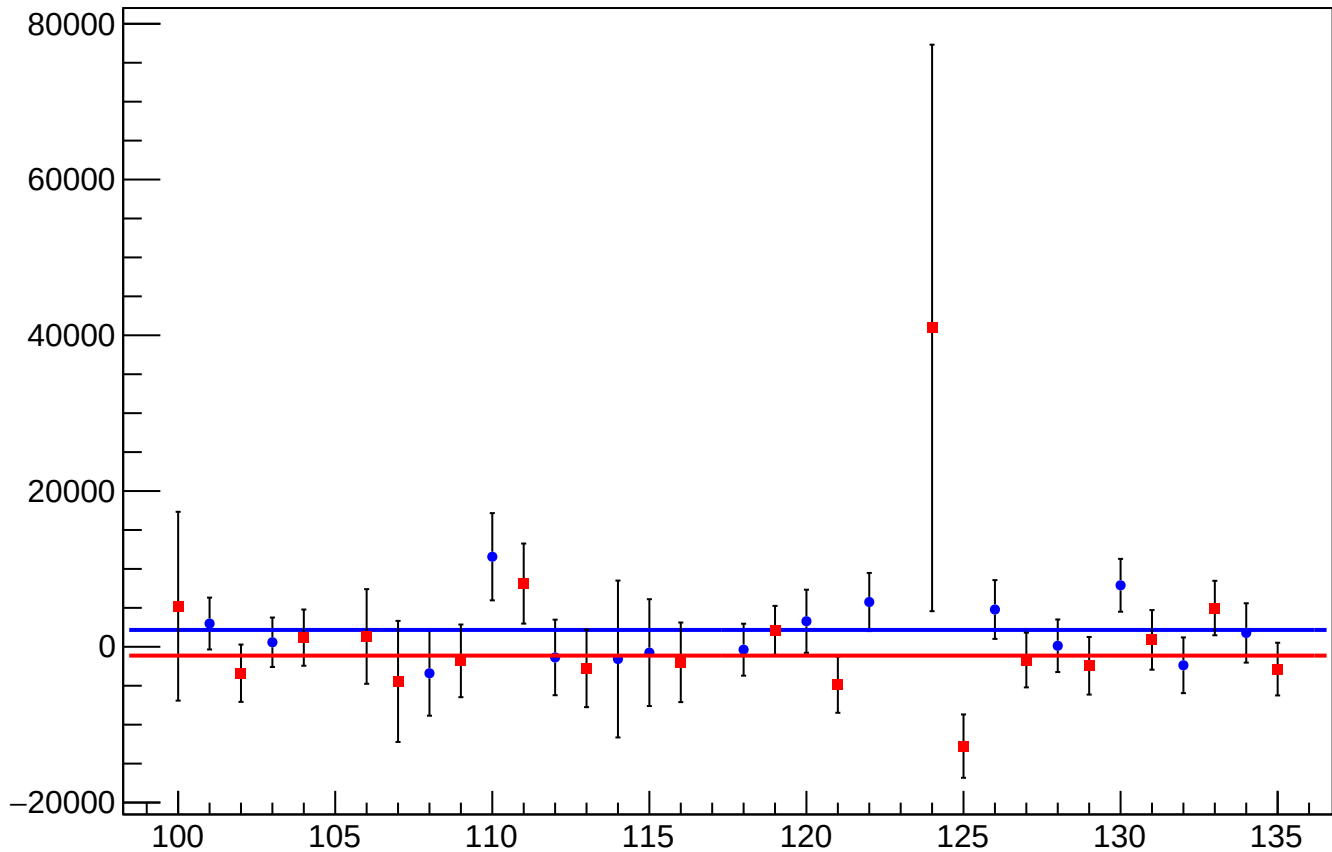
Right Out: 965.310+/-0.287 χ^2 /NDF: 2309068.2/17

All: 1008.799+/-0.214 χ^2 /NDF: 3634072.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

cor_asym_atl1_mean vs Slug



Right In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: -1131.827+/-1003.105 χ^2/NDF : 20.2/17

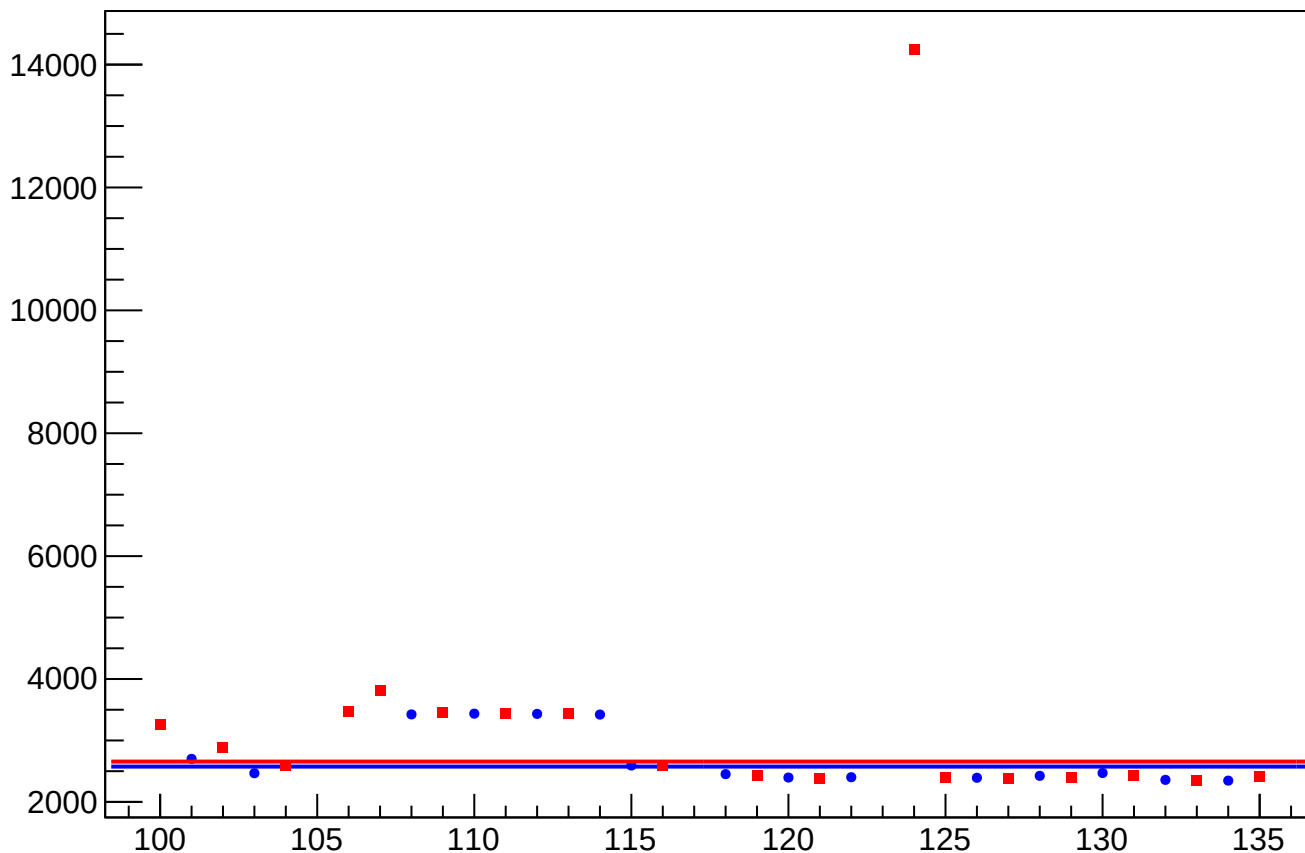
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.862+/-718.566 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1_rms vs Slug



Right In: 2574.643 $\pm$ 0.728 χ^2 /NDF: 213688.4/14

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

Right Out: 2656.116 $\pm$ 0.709 χ^2 /NDF: 533958.1/17

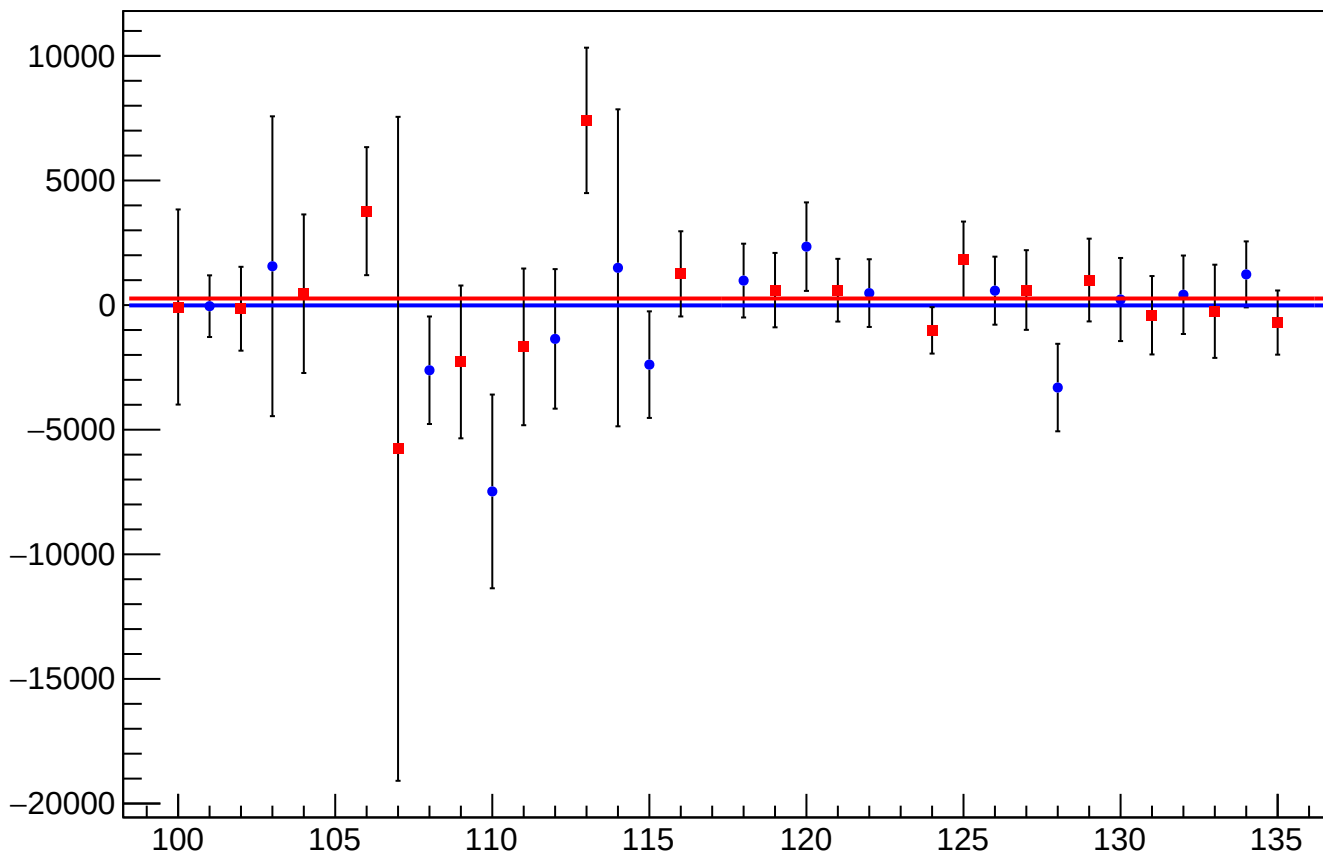
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2616.450 $\pm$ 0.508 χ^2 /NDF: 754069.9/32

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

asym_atl1_cor_correction_mean vs Slug



Right In: -12.487 ± 454.426 χ^2/NDF : 13.8/14

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

Right Out: 263.944 ± 406.784 χ^2/NDF : 13.6/17

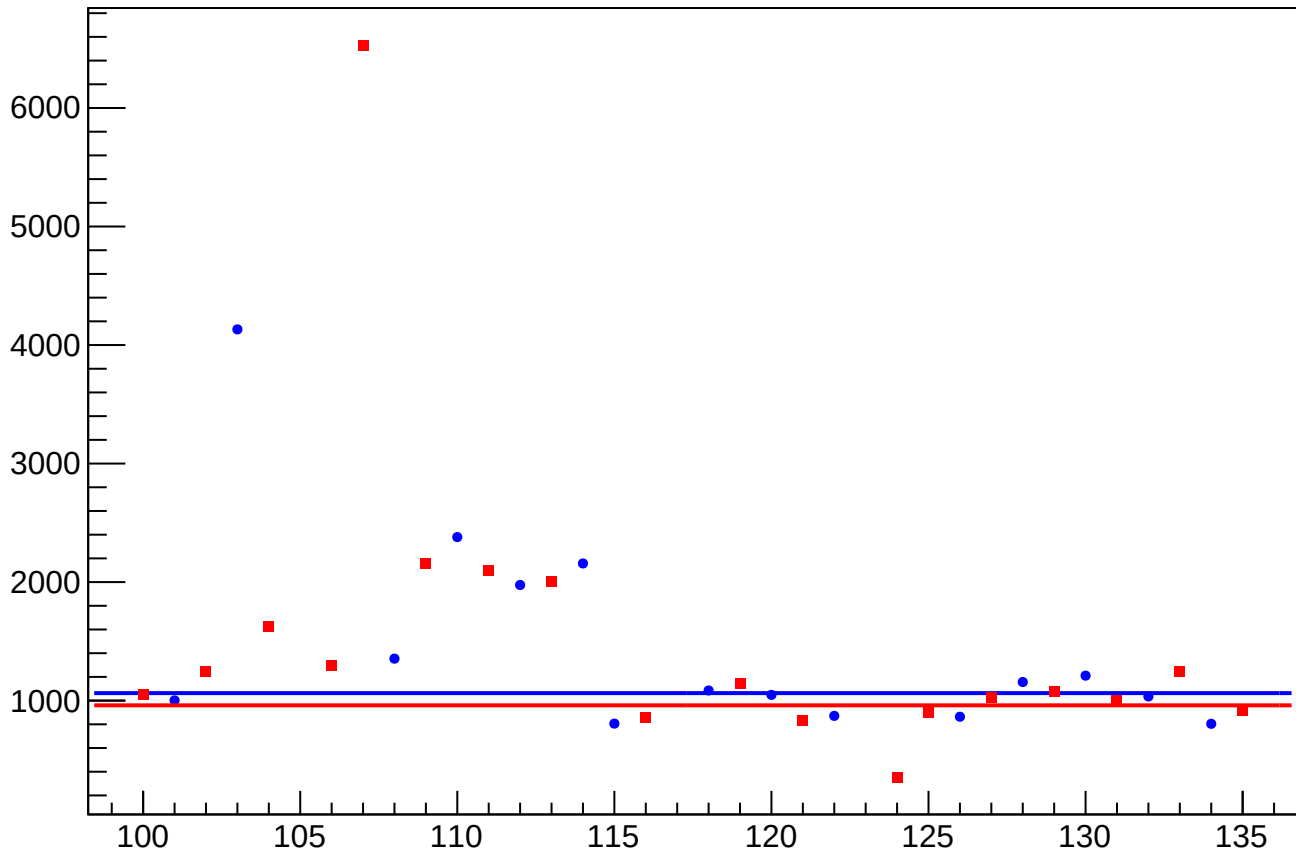
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 140.974 ± 303.089 χ^2/NDF : 27.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_cor_correction_rms vs Slug



Right In: 1063.283+/-0.321 χ^2 /NDF: 1273283.0/14

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

Right Out: 960.087+/-0.288 χ^2 /NDF: 2344251.2/17

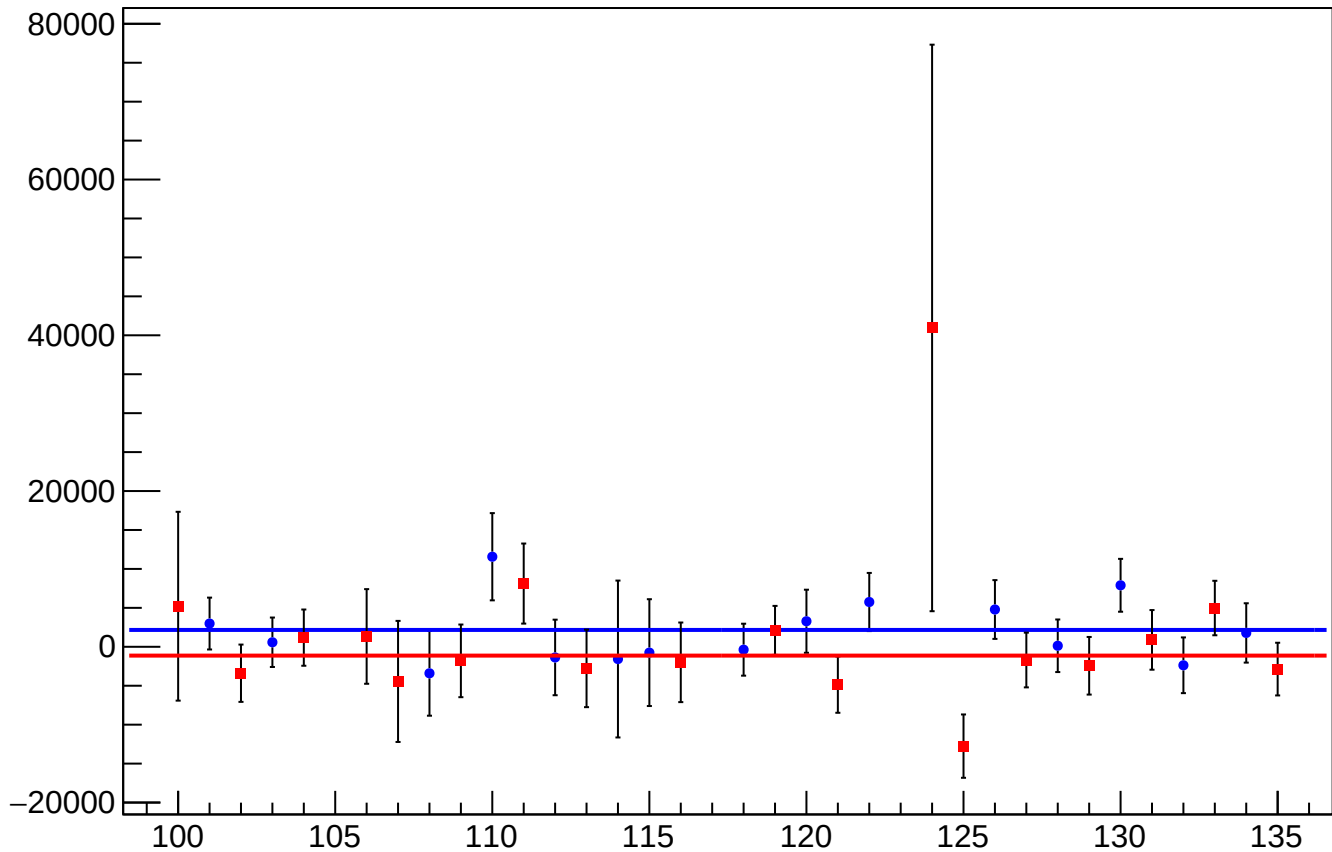
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1005.993+/-0.214 χ^2 /NDF: 3674792.8/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1_mean vs Slug



Right In: 2164.203+/-1029.832 χ^2/NDF : 11.9/14

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

Right Out: -1131.827+/-1003.105 χ^2/NDF : 20.2/17

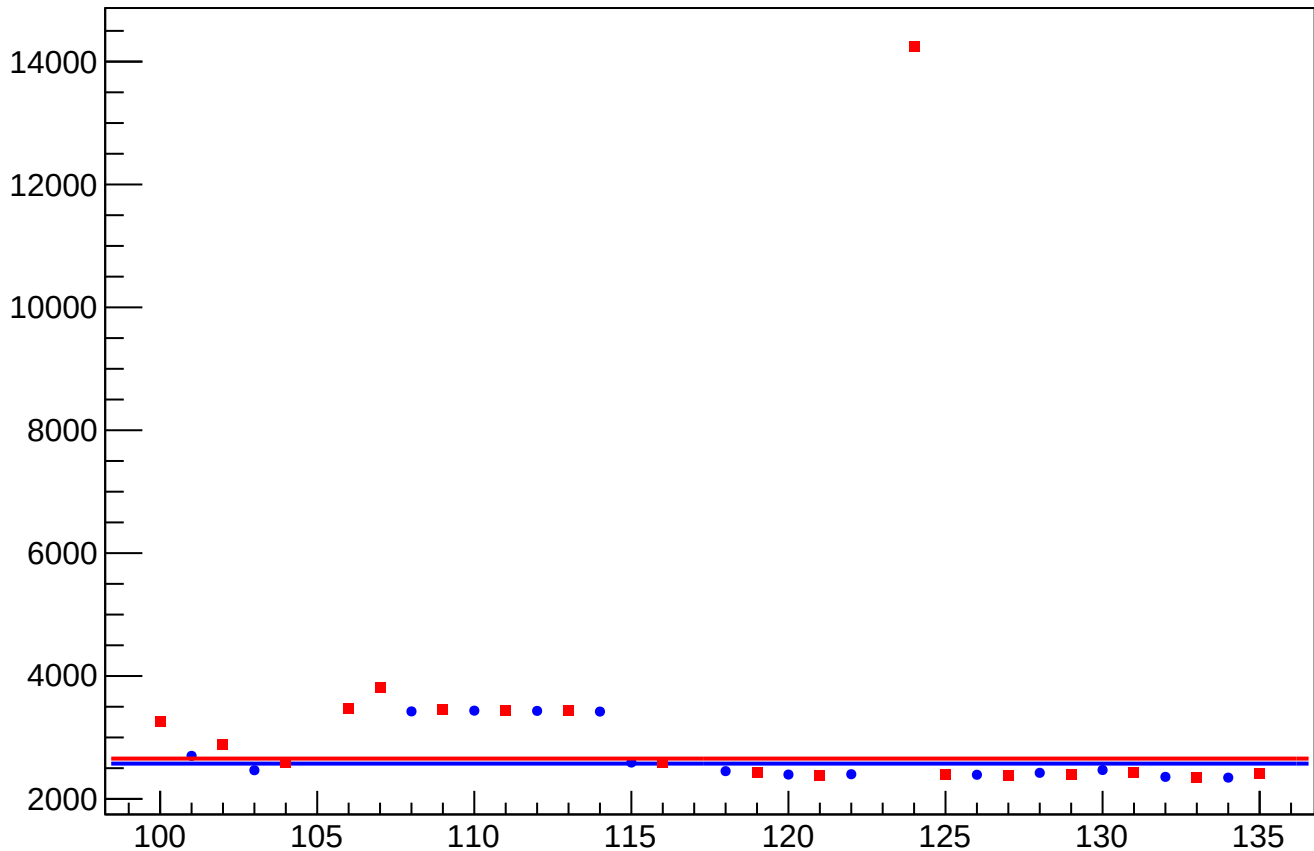
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.862+/-718.566 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1_rms vs Slug



Right In: 2574.643+/-0.728 χ^2/NDF : 213688.4/14

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

Right Out: 2656.116+/-0.709 χ^2/NDF : 533958.1/17

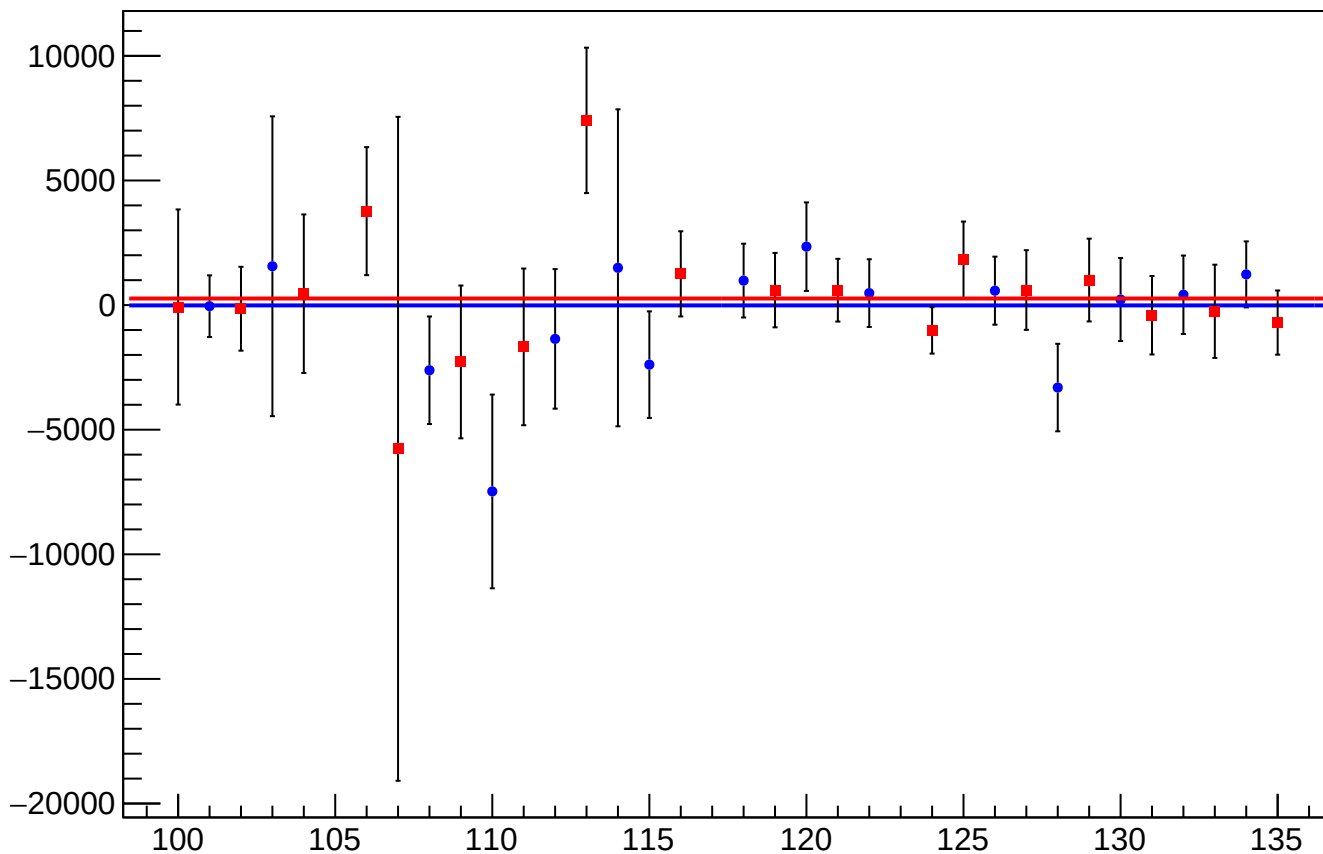
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2616.450+/-0.508 χ^2/NDF : 754069.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_mean vs Slug



Right In: -12.487+/-454.426 χ^2/NDF : 13.8/14

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

Right Out: 263.944+/-406.784 χ^2/NDF : 13.6/17

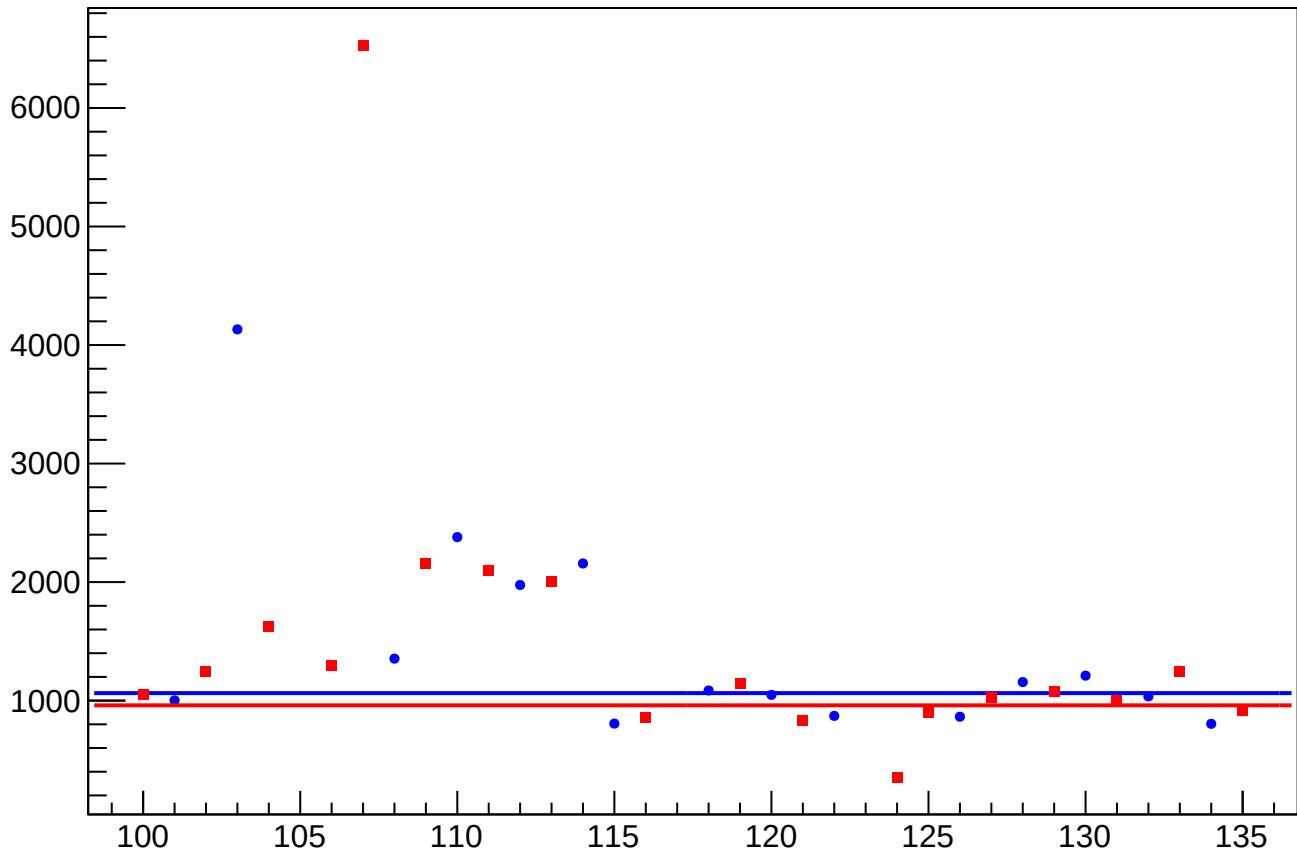
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 140.974+/-303.089 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_correction_rms vs Slug



Right In: 1063.283+/-0.321 χ^2 /NDF: 1273283.0/14

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

Right Out: 960.087+/-0.288 χ^2 /NDF: 2344251.2/17

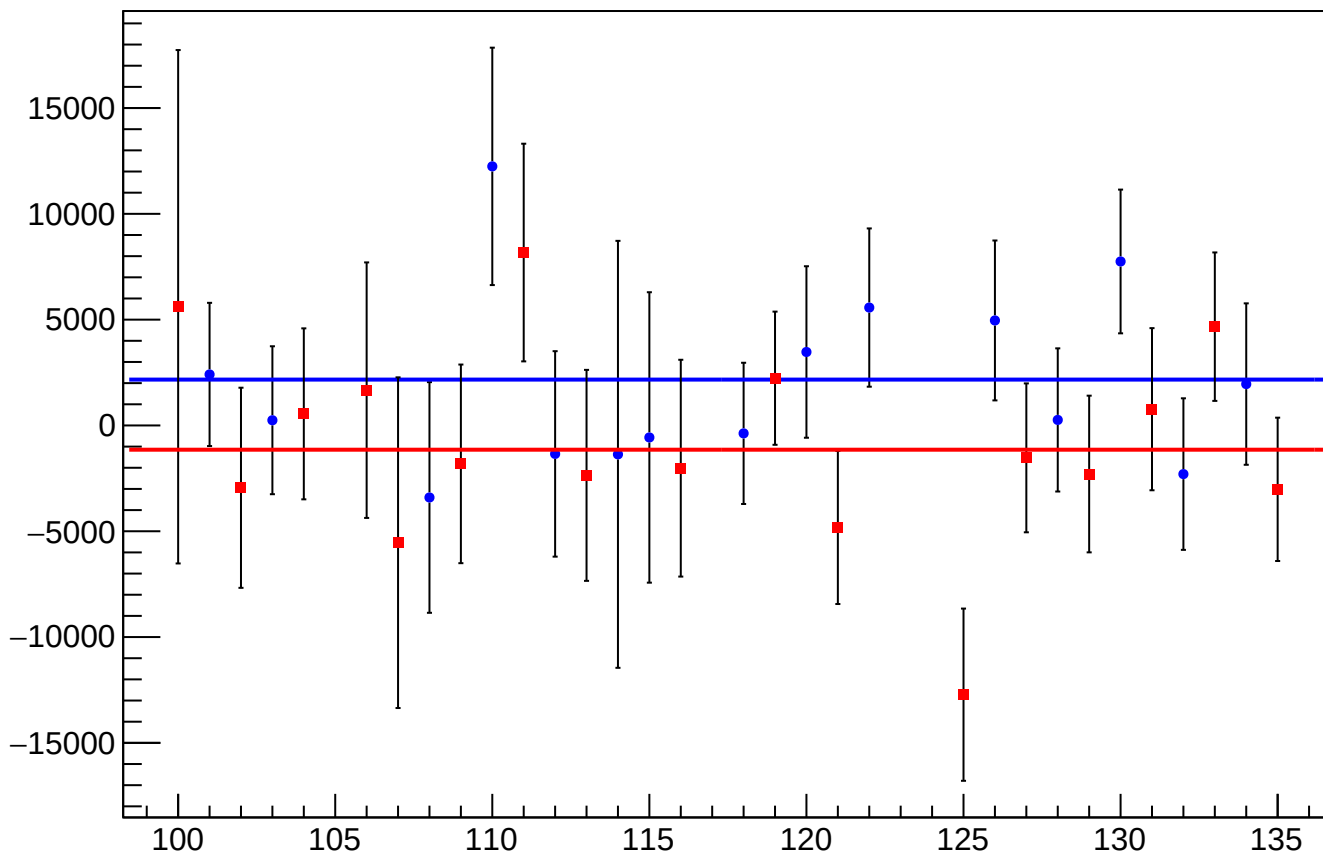
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1005.993+/-0.214 χ^2 /NDF: 3674792.8/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1_mean vs Slug



Right In: 2167.089+/-1041.949 χ^2/NDF : 12.0/14

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

Right Out: -1146.076+/-1027.984 χ^2/NDF : 18.2/16

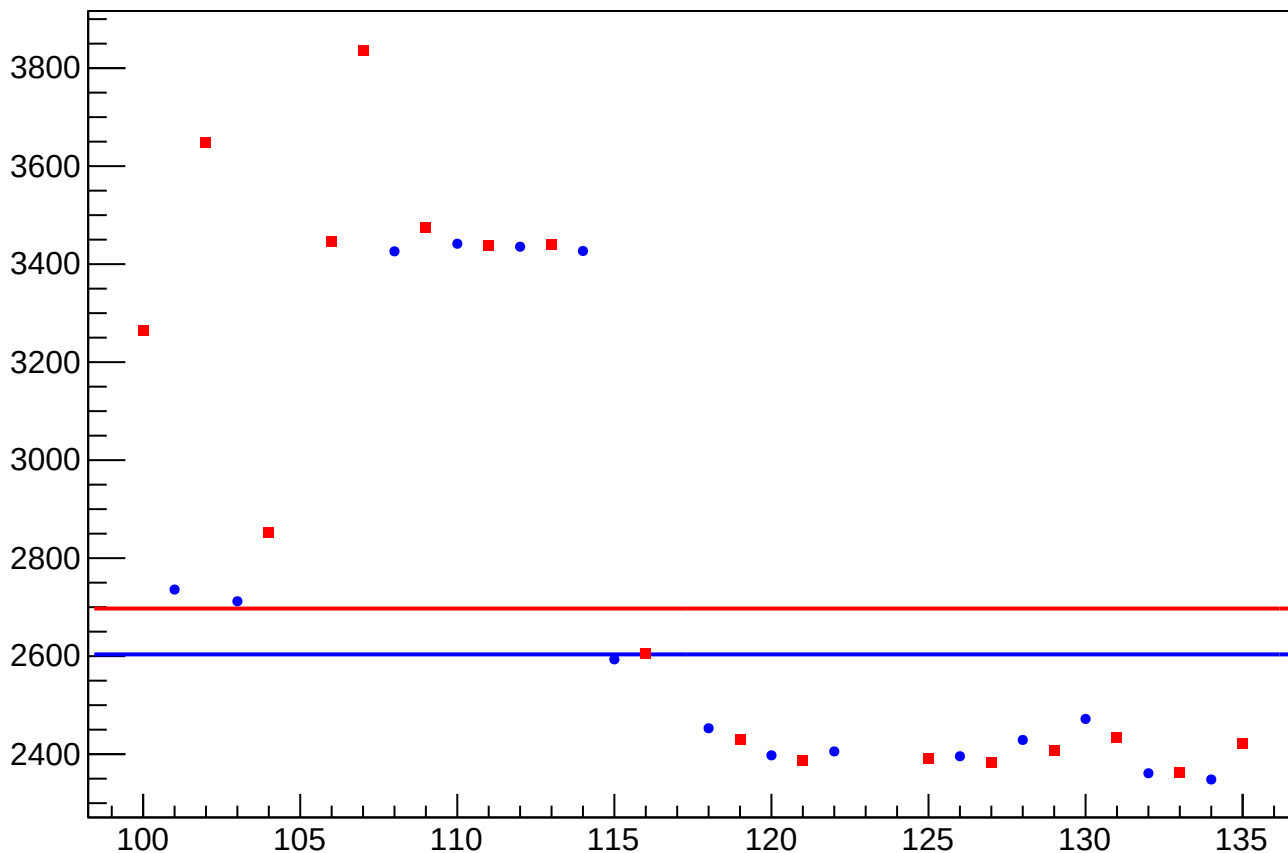
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.154+/-731.782 χ^2/NDF : 35.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1_rms vs Slug



Right In: 2603.599 $\pm$ 0.737 χ^2 /NDF: 214598.5/14

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

Right Out: 2697.187 $\pm$ 0.727 χ^2 /NDF: 412372.2/16

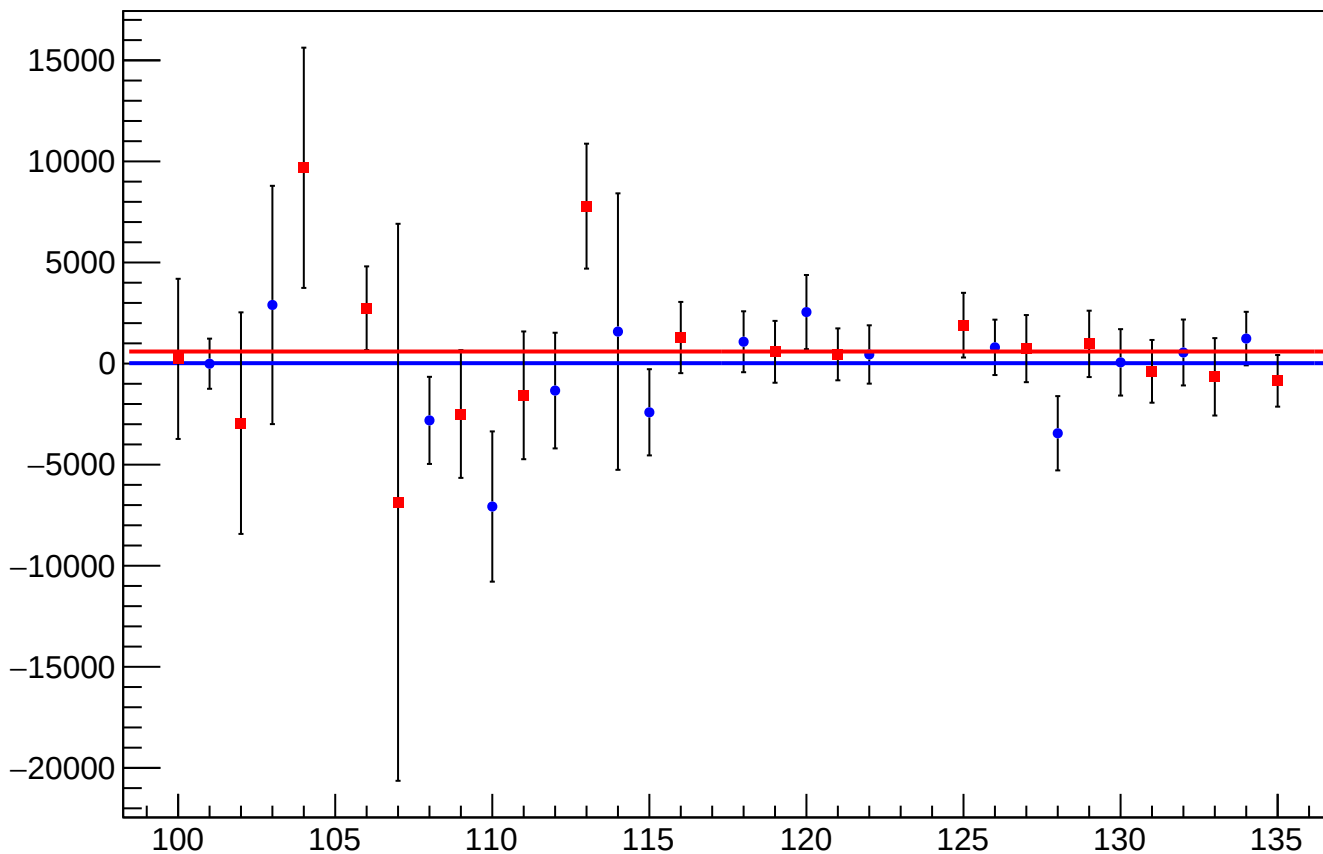
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2651.024 $\pm$ 0.517 χ^2 /NDF: 635147.2/31

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

asym_atl1_dit_correction_mean vs Slug



Right In: 19.436+/-461.515 χ^2/NDF : 14.5/14

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

Right Out: 596.171+/-474.010 χ^2/NDF : 14.0/16

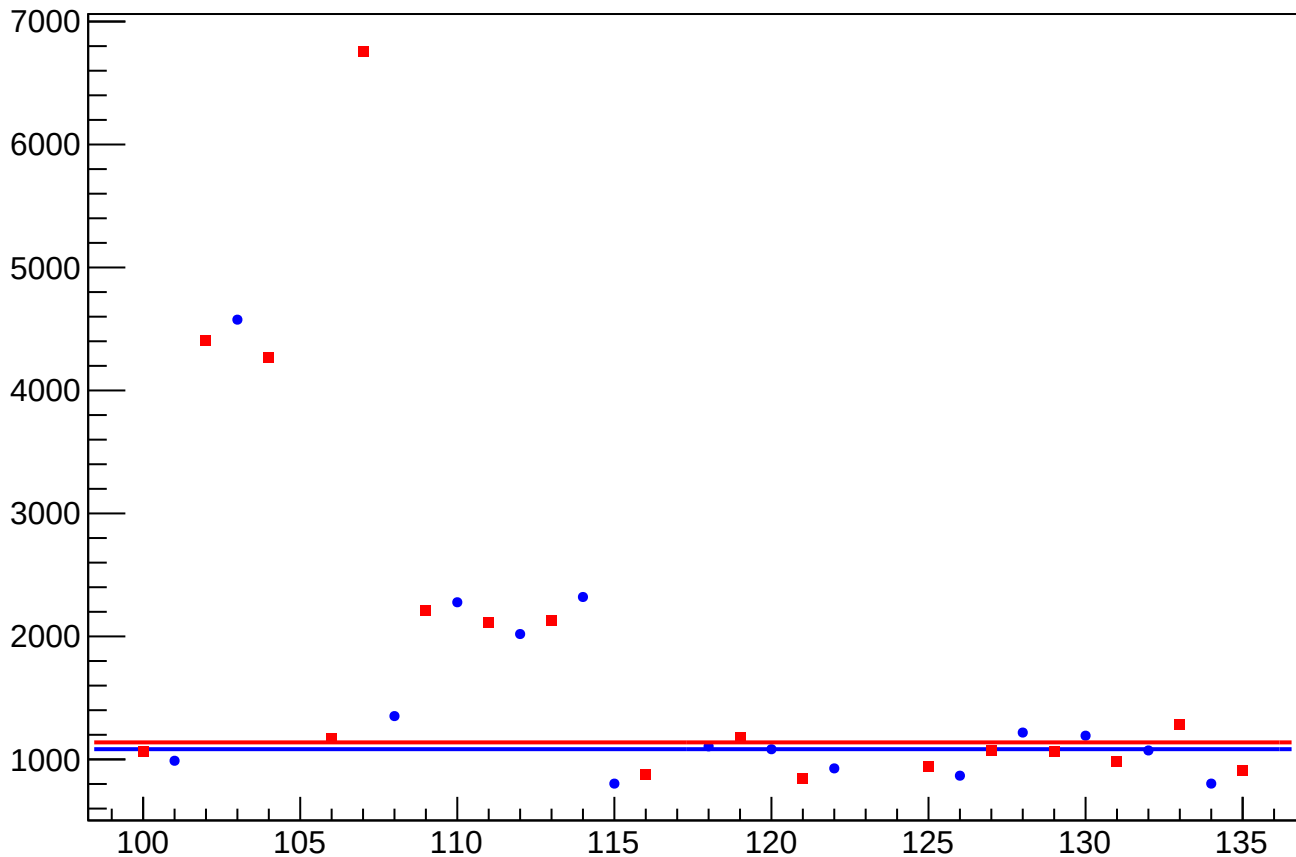
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.102+/-330.670 χ^2/NDF : 29.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_correction_rms vs Slug



Right In: 1083.070+/-0.326 χ^2/NDF : 1448689.8/14

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

Right Out: 1138.303+/-0.335 χ^2/NDF : 2500646.9/16

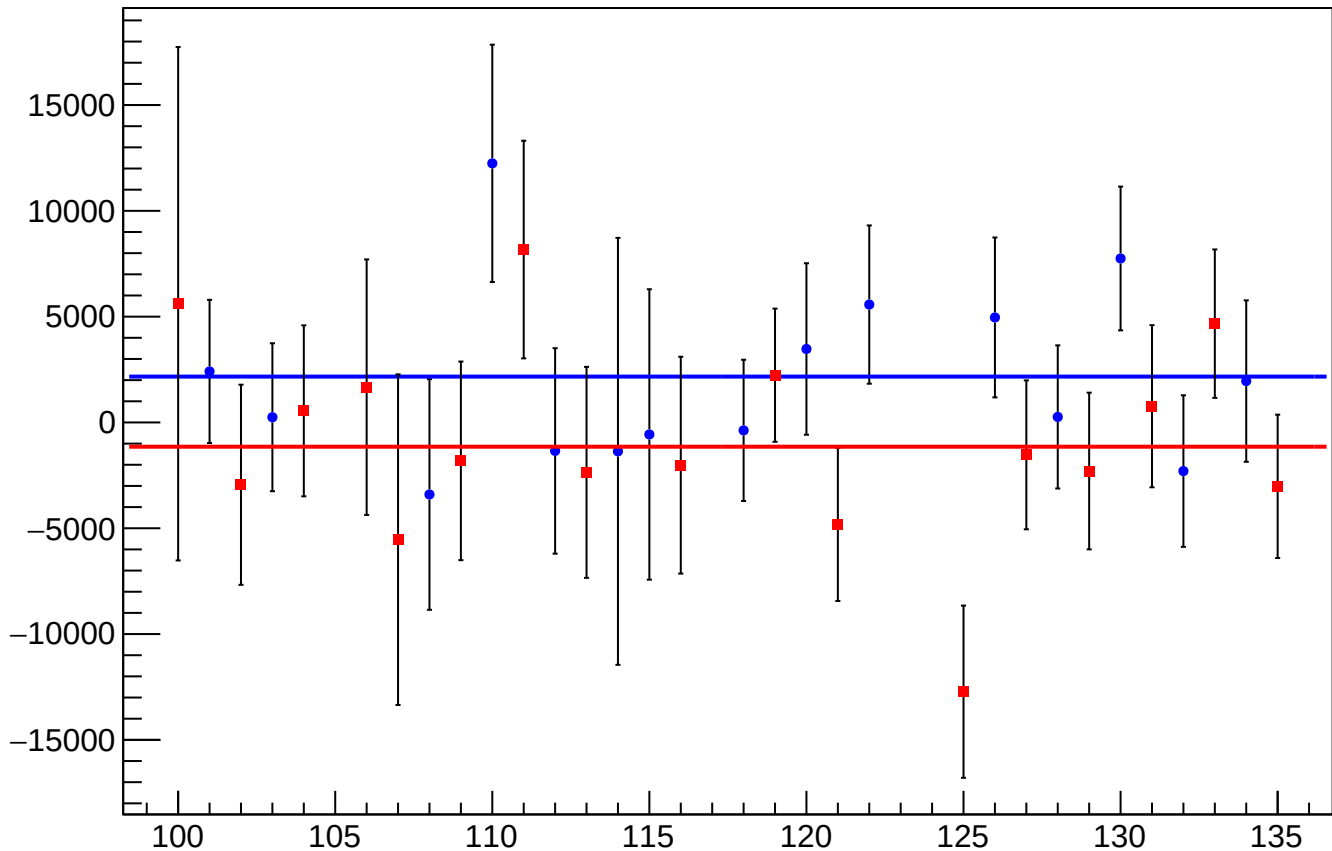
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.949+/-0.234 χ^2/NDF : 3963276.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1_mean vs Slug



Right In: 2167.086 $\pm$ 1041.949 χ^2 /NDF: 12.0/14

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

Right Out: -1146.074 $\pm$ 1027.984 χ^2 /NDF: 18.2/16

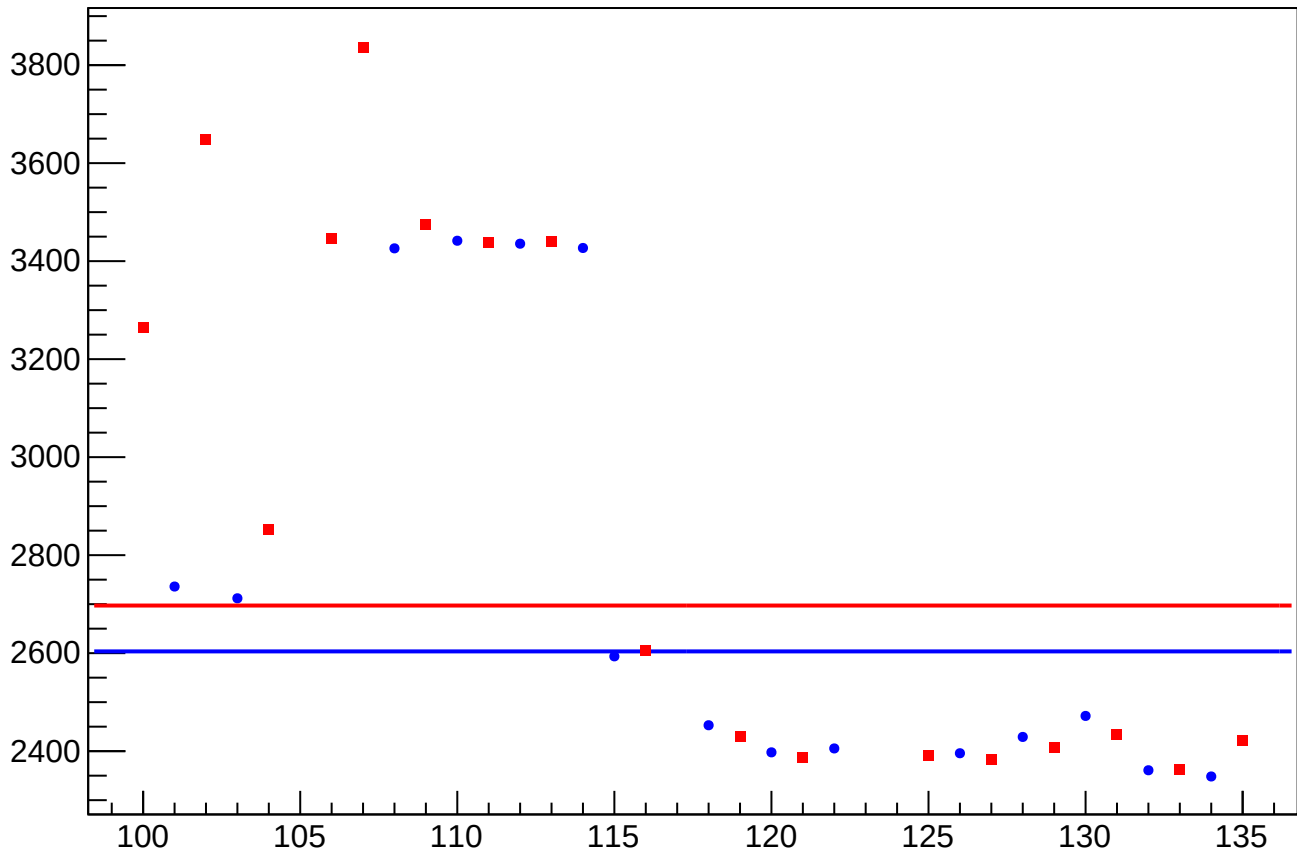
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 488.154 $\pm$ 731.782 χ^2 /NDF: 35.4/31

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

eigen_dit_asym_atl1_rms vs Slug



Right In: 2603.598 $\pm$ 0.737 χ^2 /NDF: 214598.3/14

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

Right Out: 2697.187 $\pm$ 0.727 χ^2 /NDF: 412371.6/16

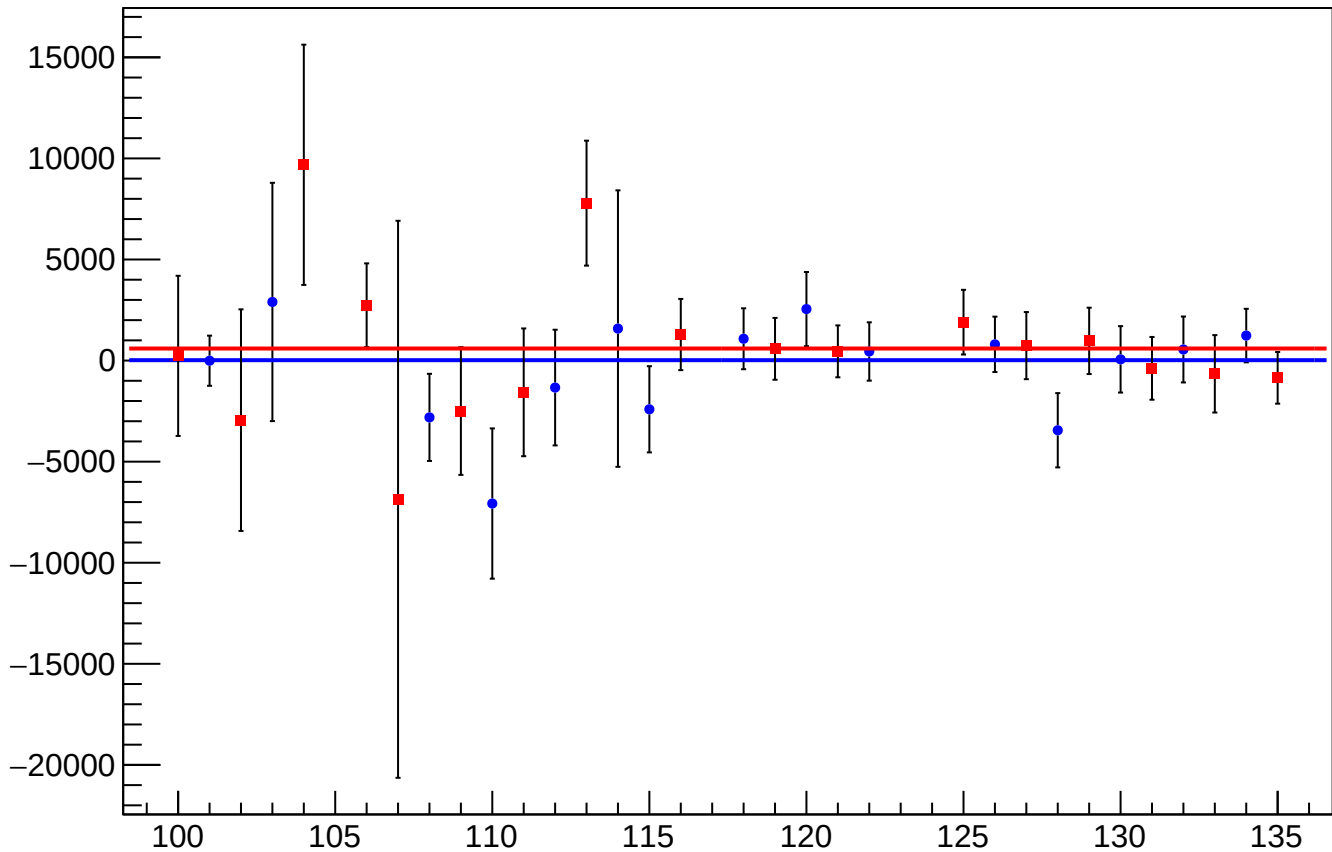
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2651.024 $\pm$ 0.517 χ^2 /NDF: 635146.5/31

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

asym_atl1_eigen_dit_correction_mean vs Slug



Right In: 19.433+/-461.515 χ^2/NDF : 14.5/14

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

Right Out: 596.172+/-474.010 χ^2/NDF : 14.0/16

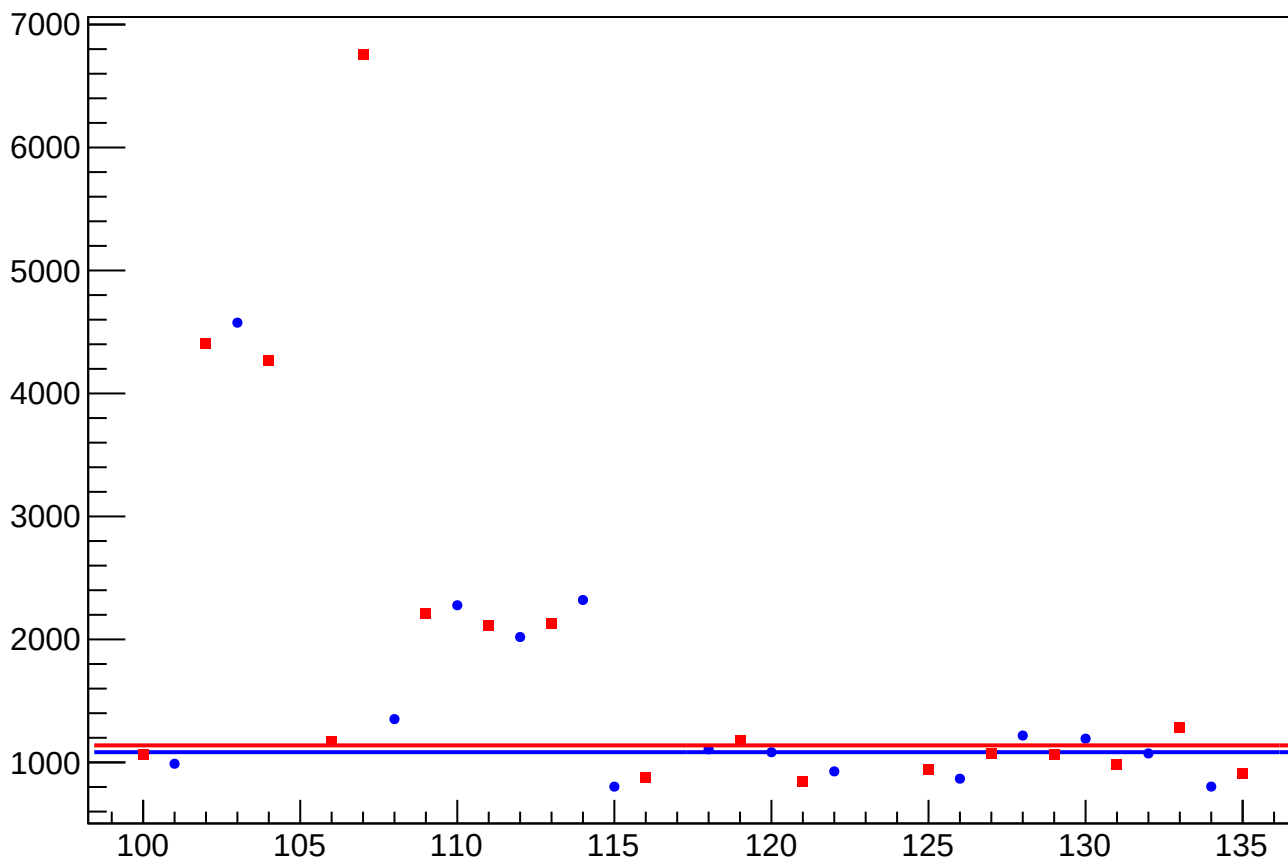
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.101+/-330.670 χ^2/NDF : 29.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_correction_rms vs Slug



Right In: 1083.070+/-0.326 χ^2/NDF : 1448686.6/14

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

Right Out: 1138.303+/-0.335 χ^2/NDF : 2500646.2/16

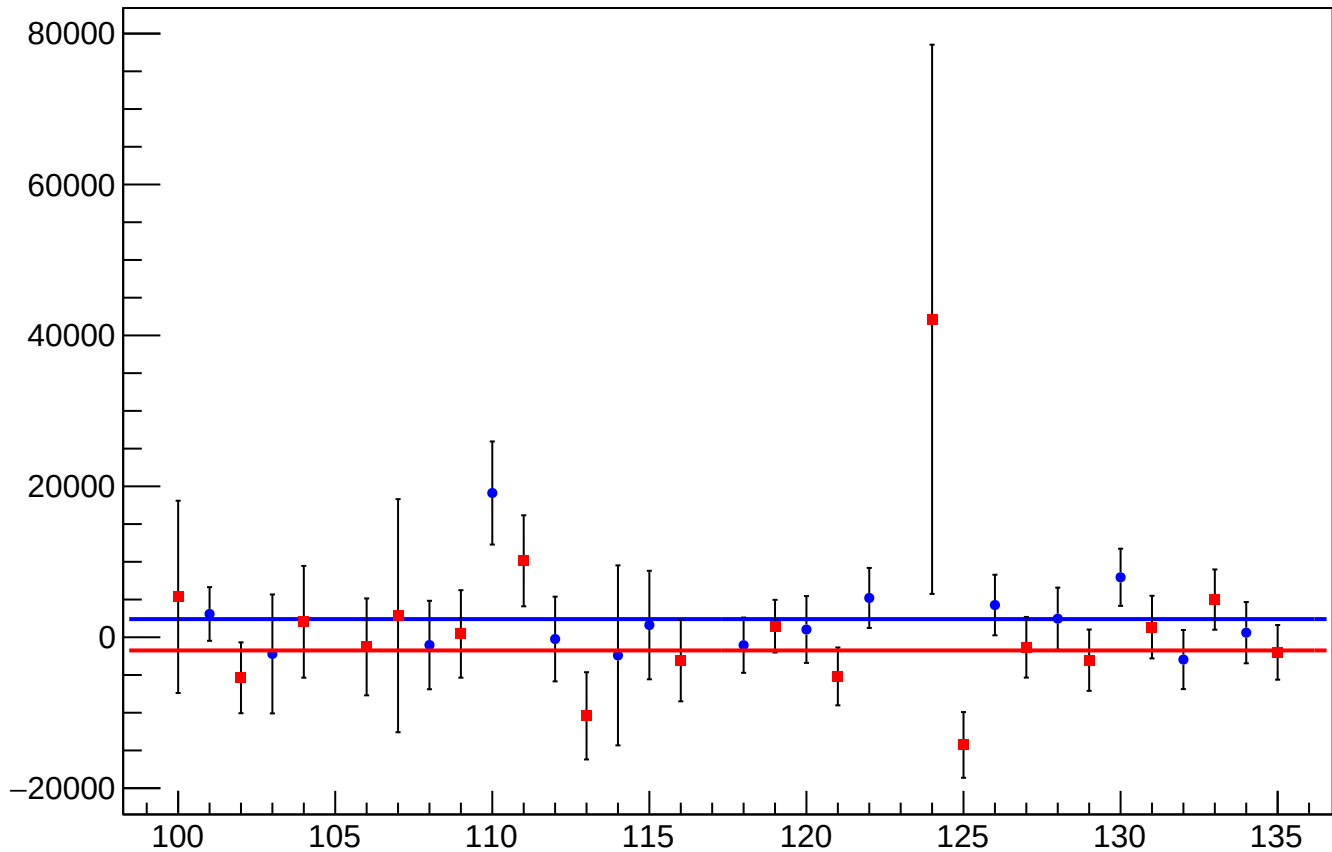
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1109.949+/-0.234 χ^2/NDF : 3963273.1/39

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_mean vs Slug



Right In: 2407.071+/-1187.376 χ^2/NDF : 13.0/14

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

Right Out: -1746.522+/-1160.260 χ^2/NDF : 22.5/17

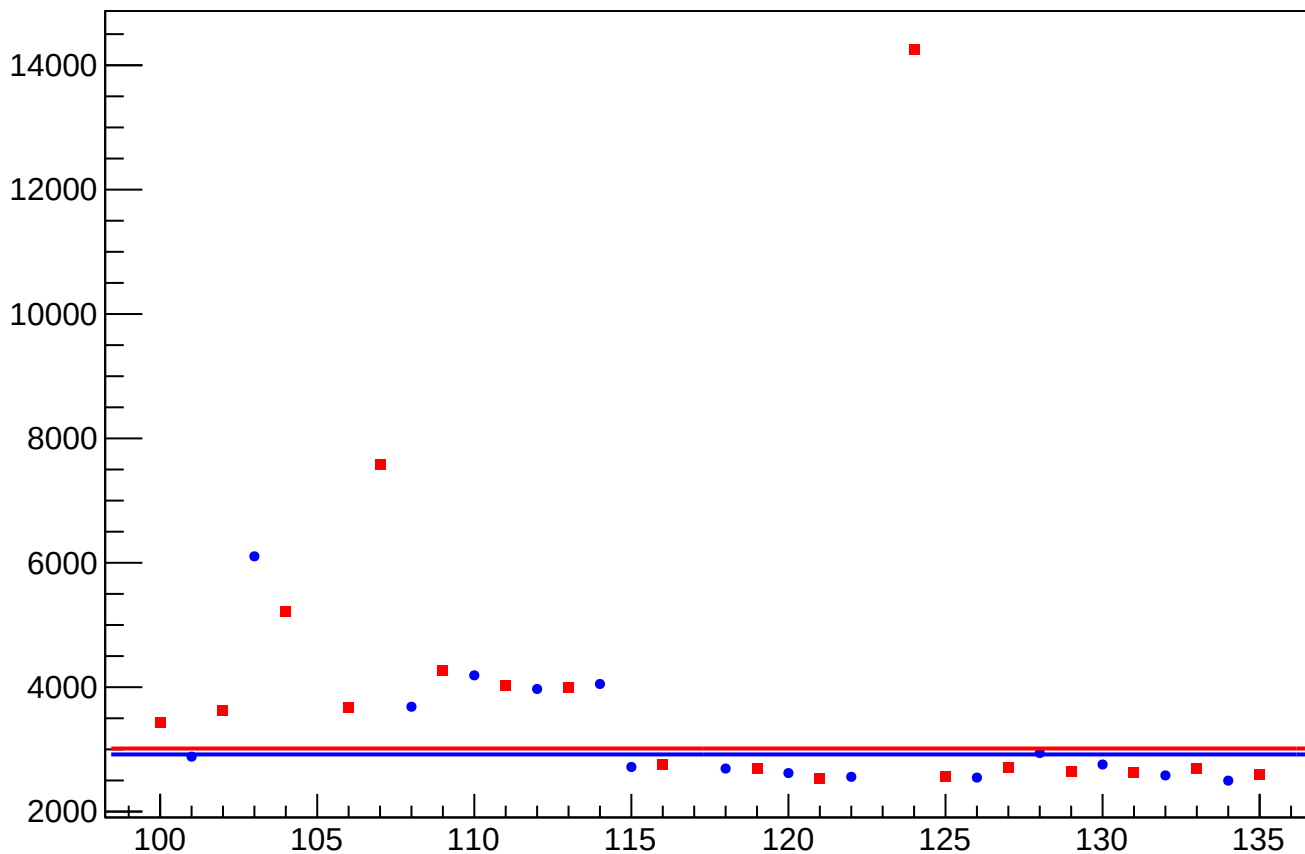
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 282.304+/-829.848 χ^2/NDF : 41.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_rms vs Slug



Right In: 2918.696 $\pm$ 0.840 χ^2 /NDF: 610814.2/14

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

Right Out: 3013.783 $\pm$ 0.820 χ^2 /NDF: 966793.1/17

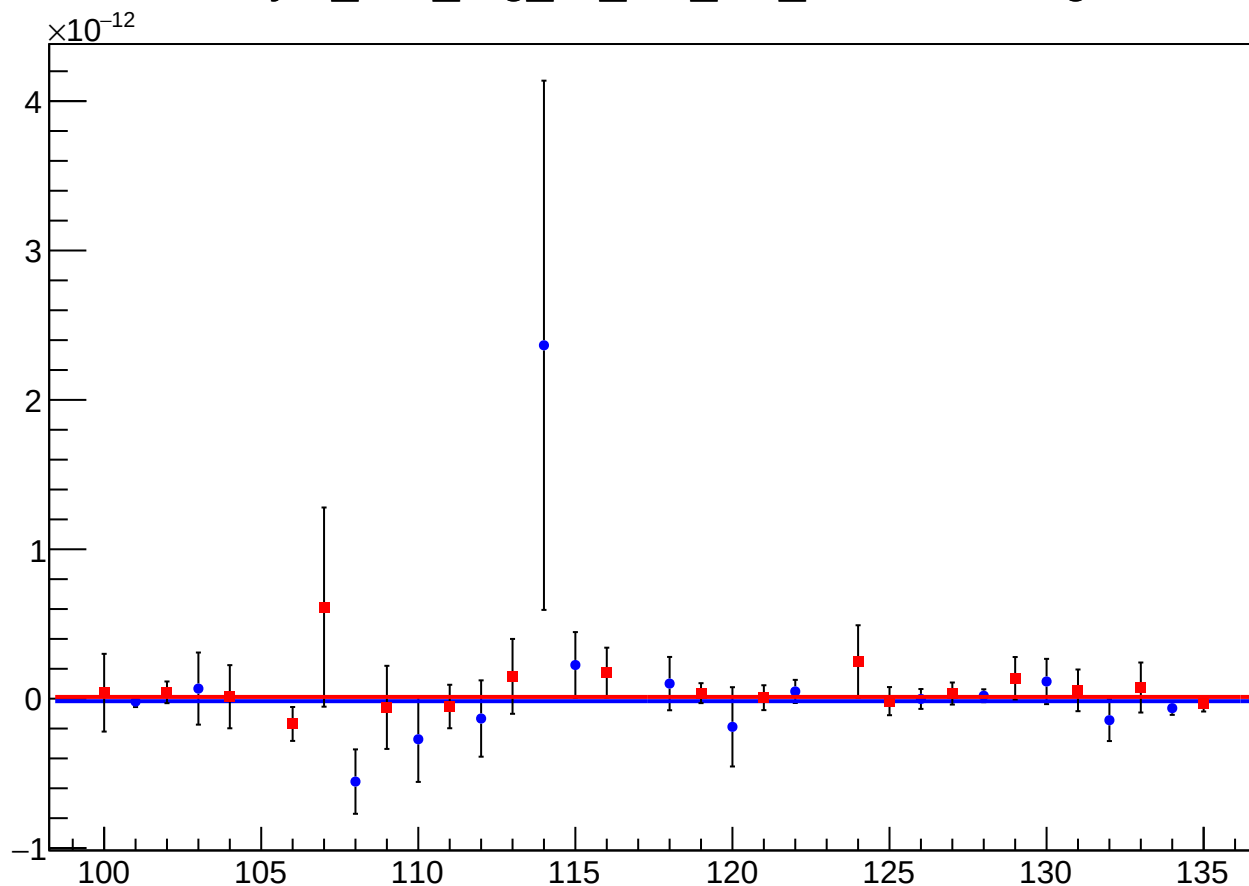
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2967.338 $\pm$ 0.587 χ^2 /NDF: 1584168.5/32

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

asym_atl1_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 15.4/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 8.2/17

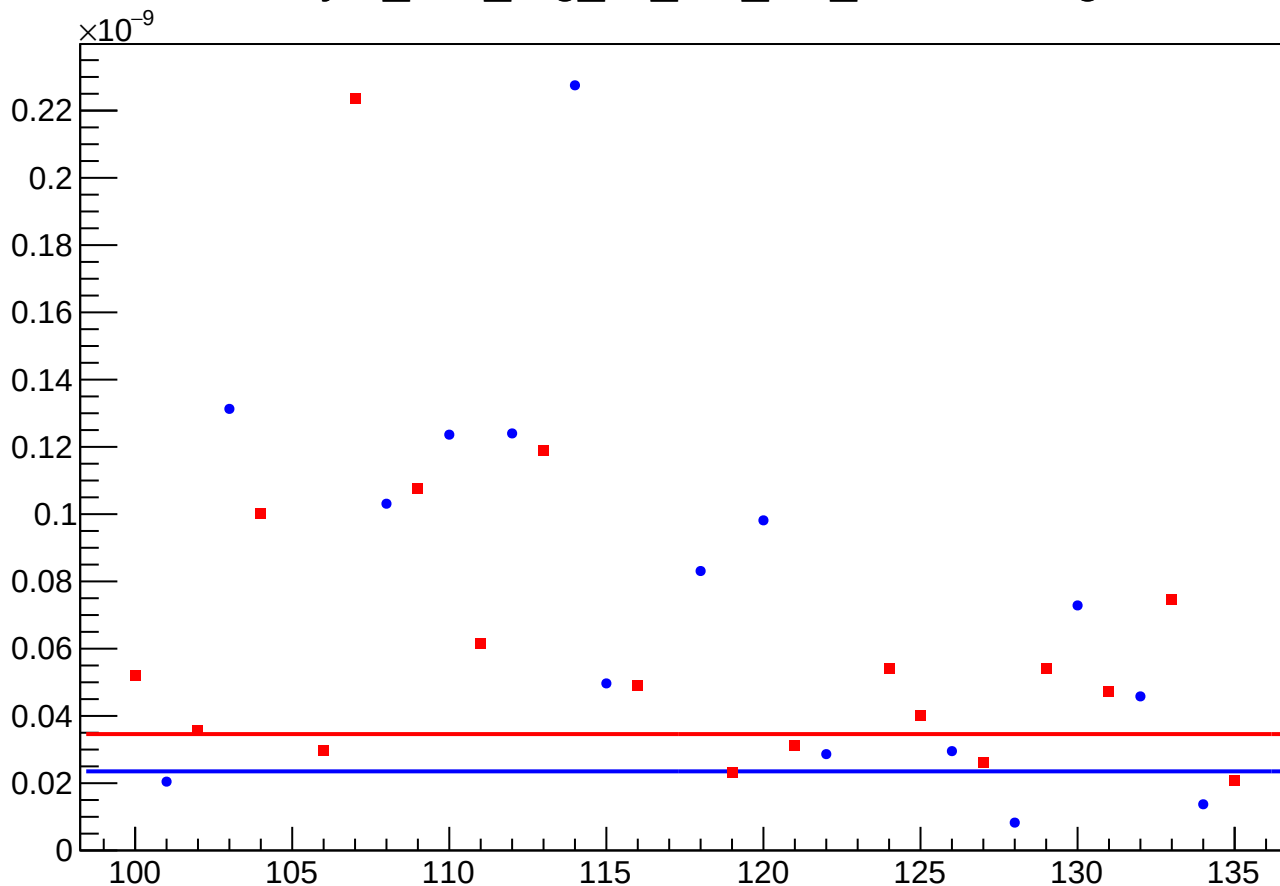
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 2309708.7/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1242749.1/17

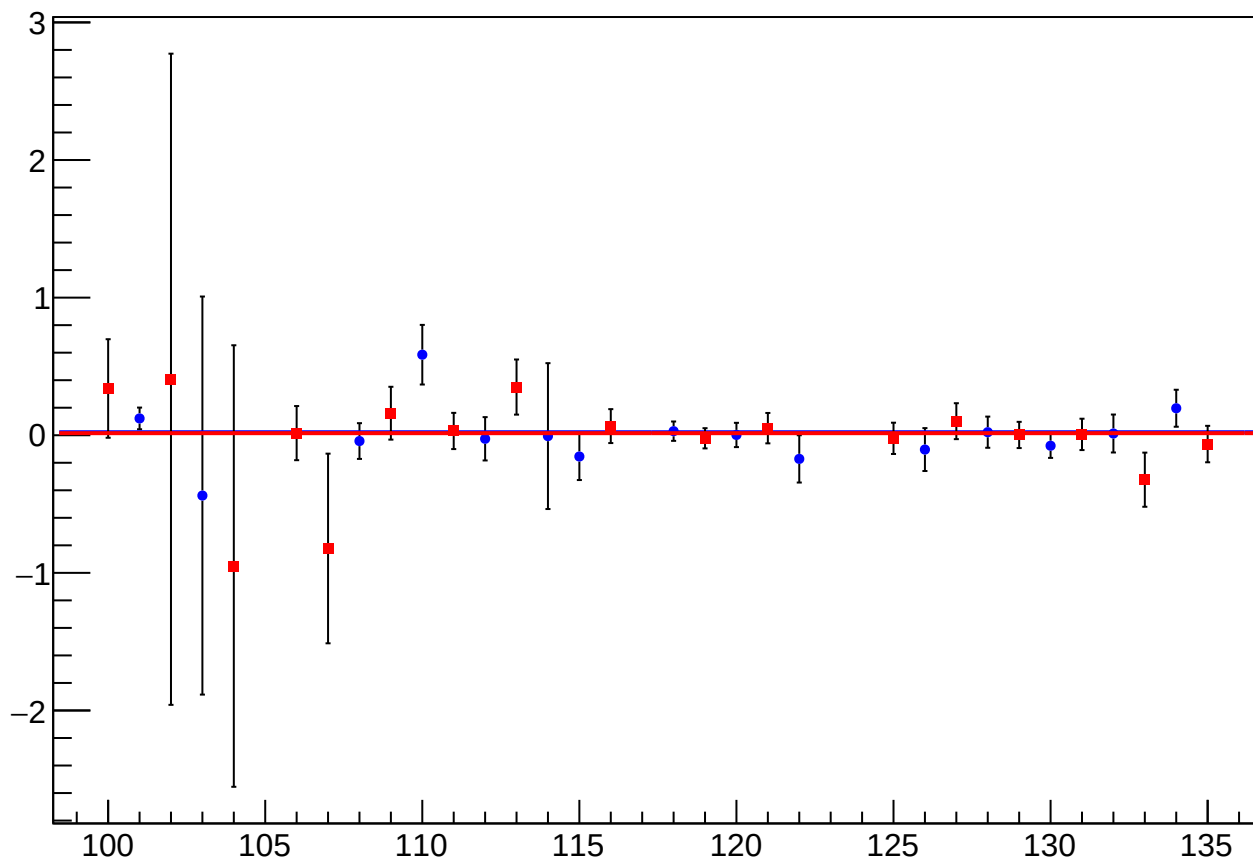
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3791035.8/32

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

asym_atl1_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: 0.015 $\pm$ 0.034 χ^2 /NDF: 10.5/16

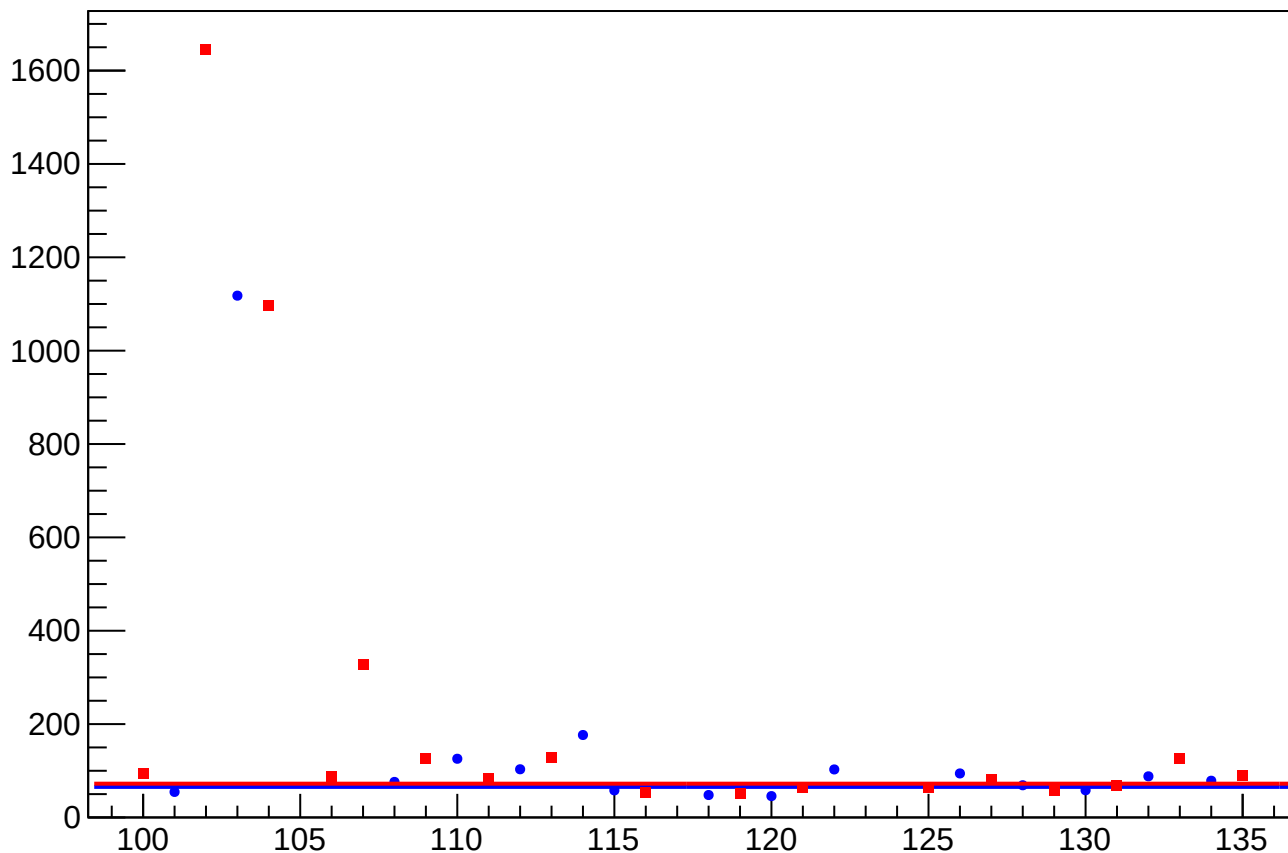
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.019 $\pm$ 0.023 χ^2 /NDF: 25.3/31

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

asym_atl1_dit_vs_cor_diff_rms vs Slug



Right In: 65.487+/-0.022 χ^2/NDF : 1945420.3/14

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

Right Out: 72.354+/-0.024 χ^2/NDF : 2790279.3/16

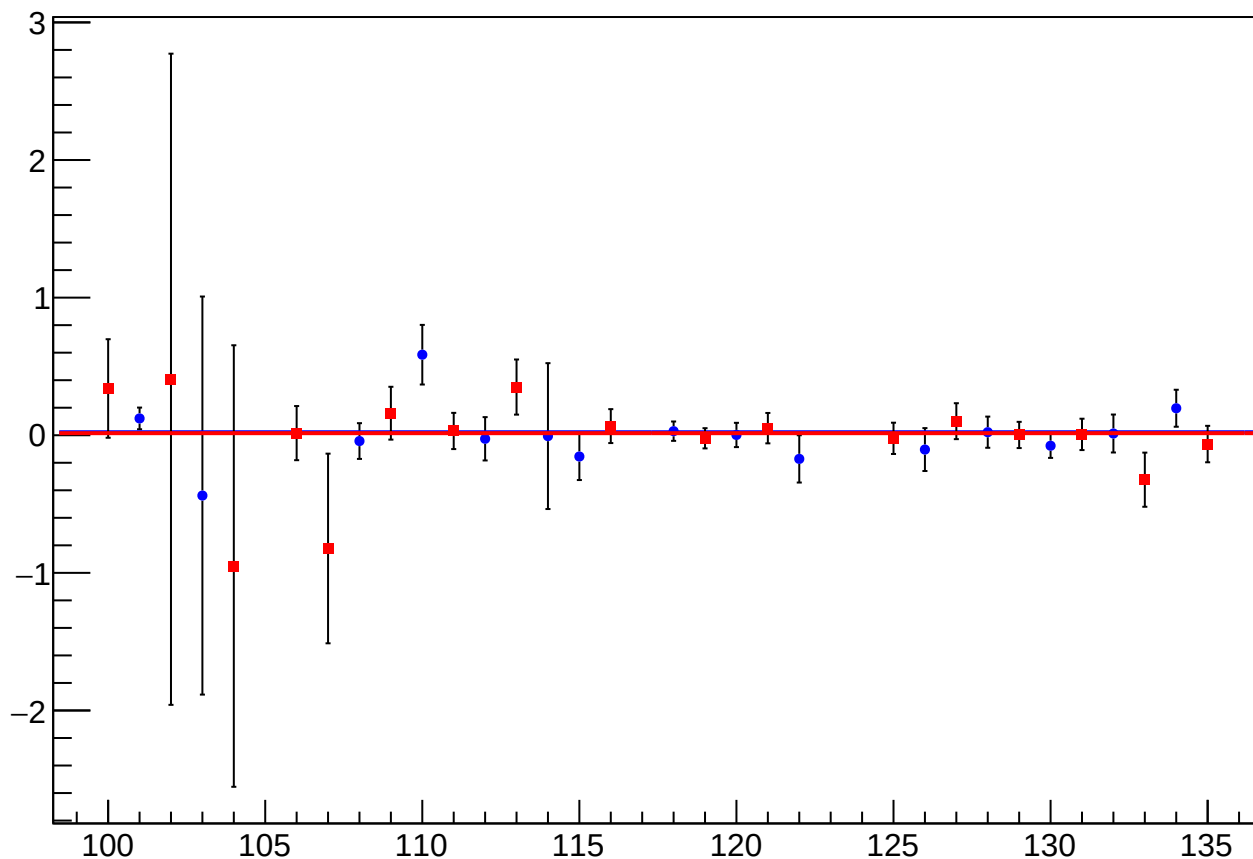
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.645+/-0.016 χ^2/NDF : 4780822.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: 0.015 $\pm$ 0.034 χ^2 /NDF: 10.5/16

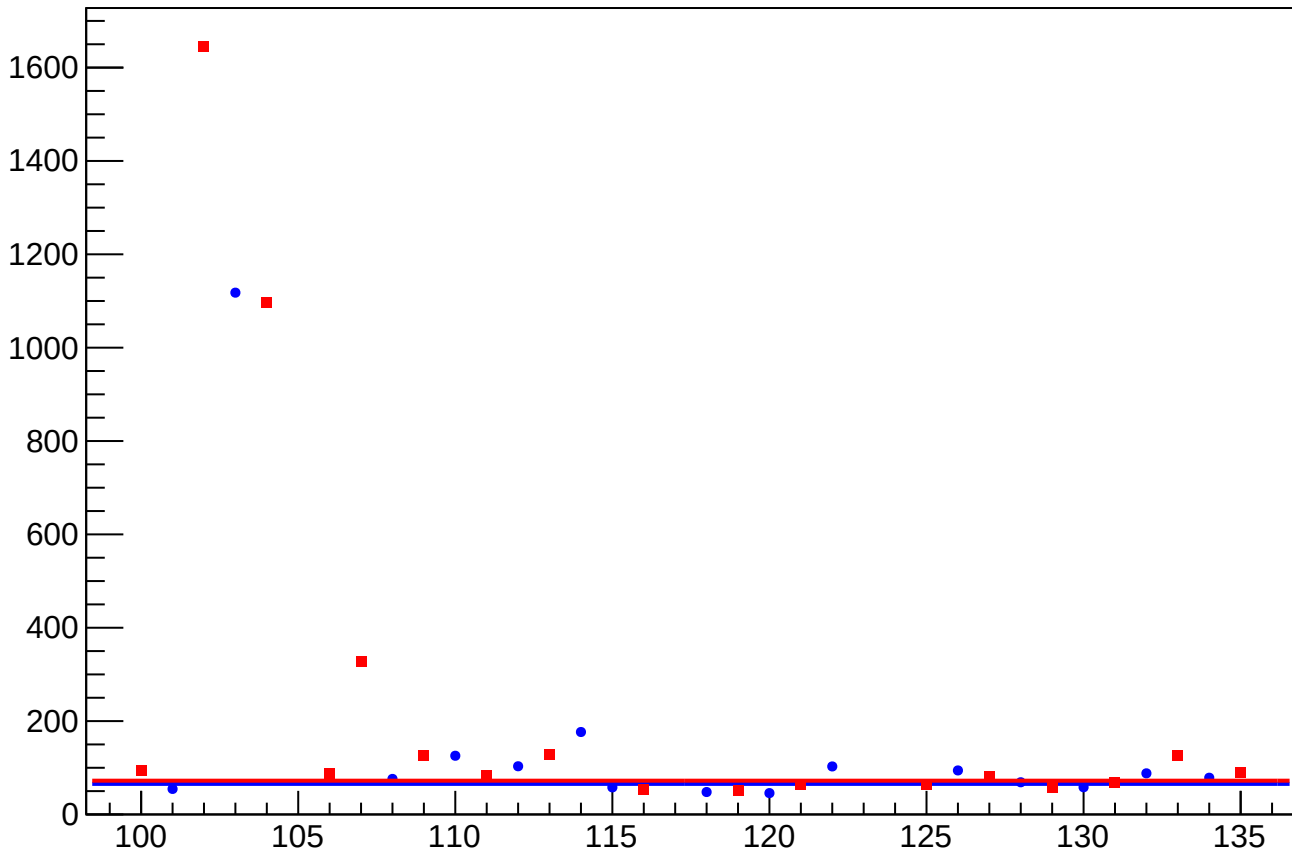
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.019 $\pm$ 0.023 χ^2 /NDF: 25.3/31

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

asym_atl1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 65.487 $\pm$ 0.022 χ^2 /NDF: 1945420.3/14

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

Right Out: 72.354 $\pm$ 0.024 χ^2 /NDF: 2790279.3/16

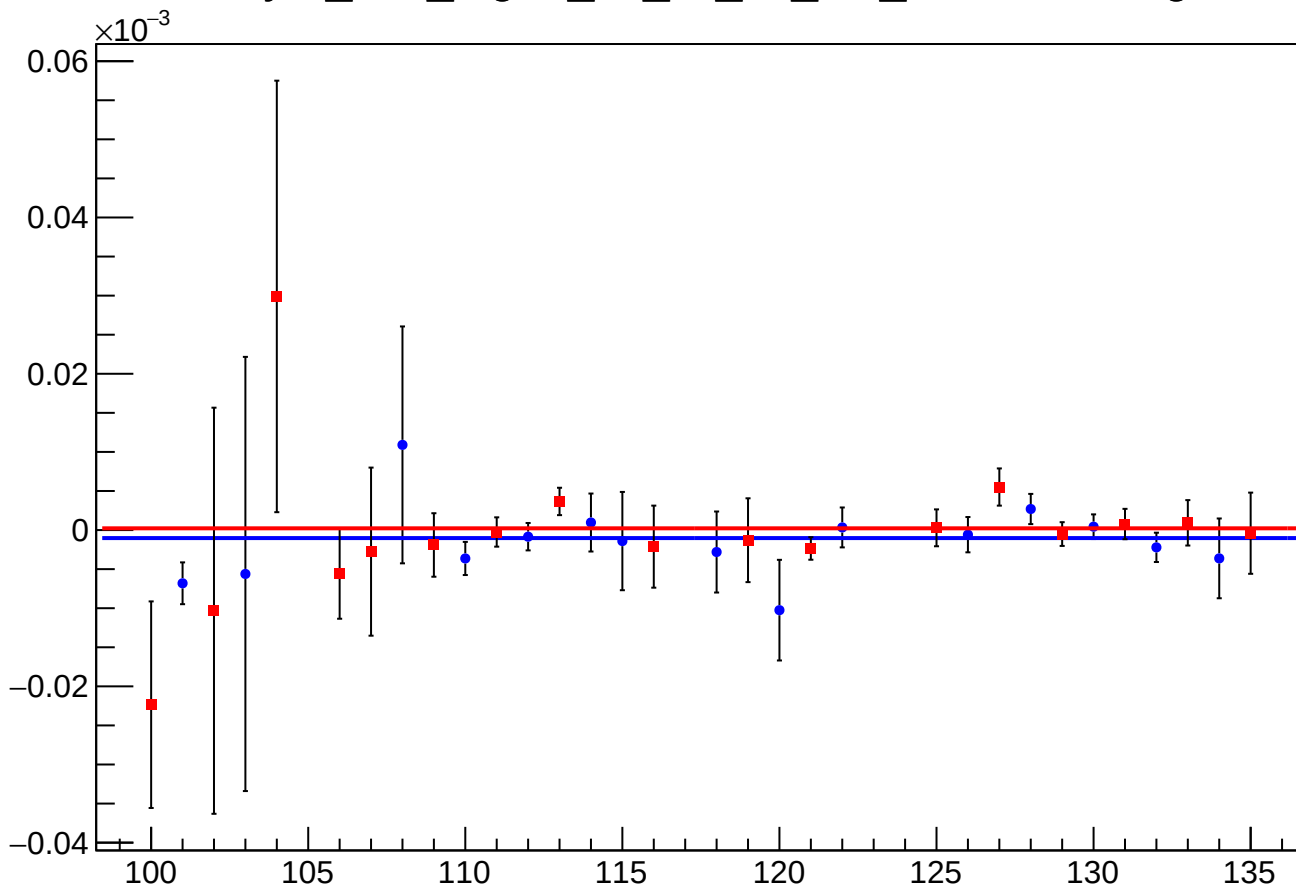
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 68.645 $\pm$ 0.016 χ^2 /NDF: 4780822.8/31

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

asym_atl1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/16

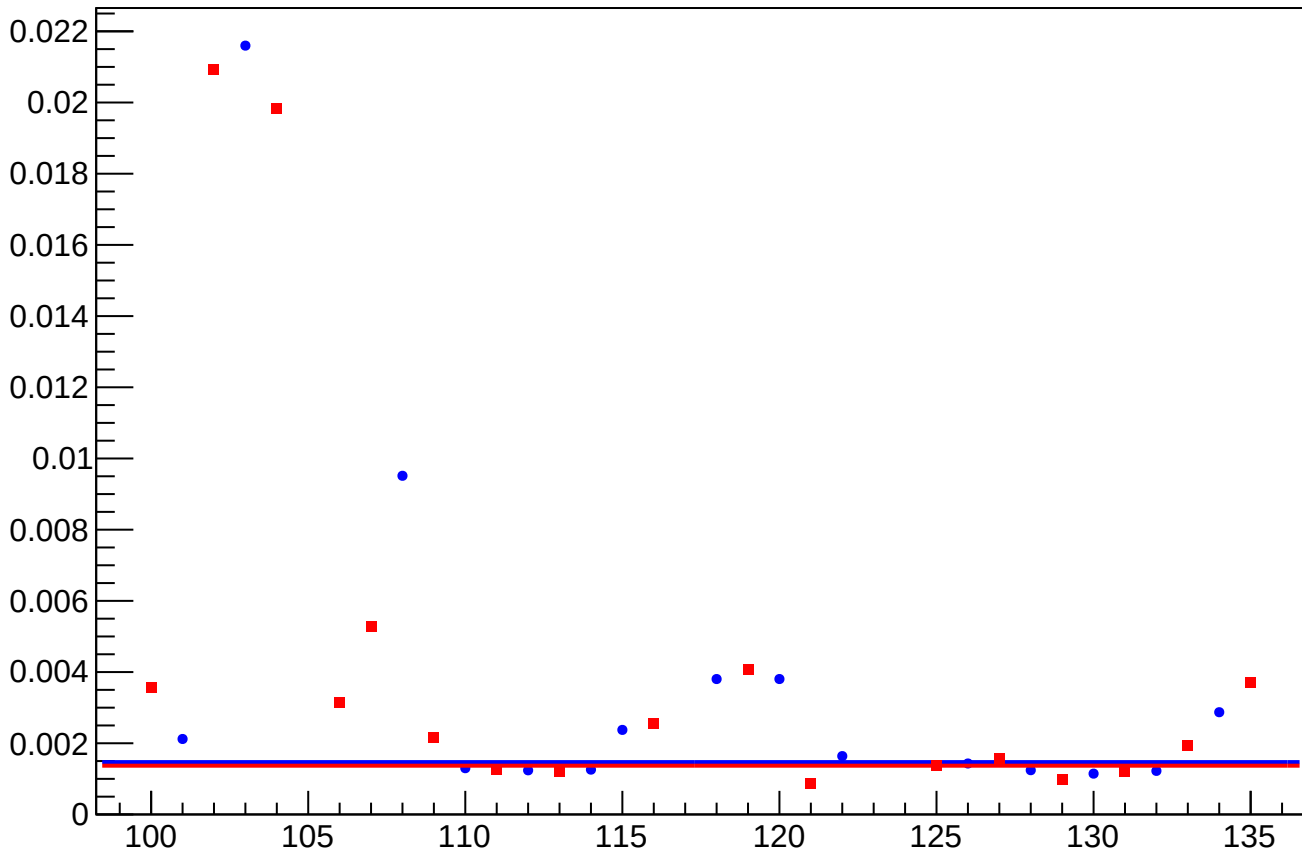
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.0/31

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

asym_atl1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2801146.4/14

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

Right Out: 0.001+/-0.000 χ^2/NDF : 4115737.6/16

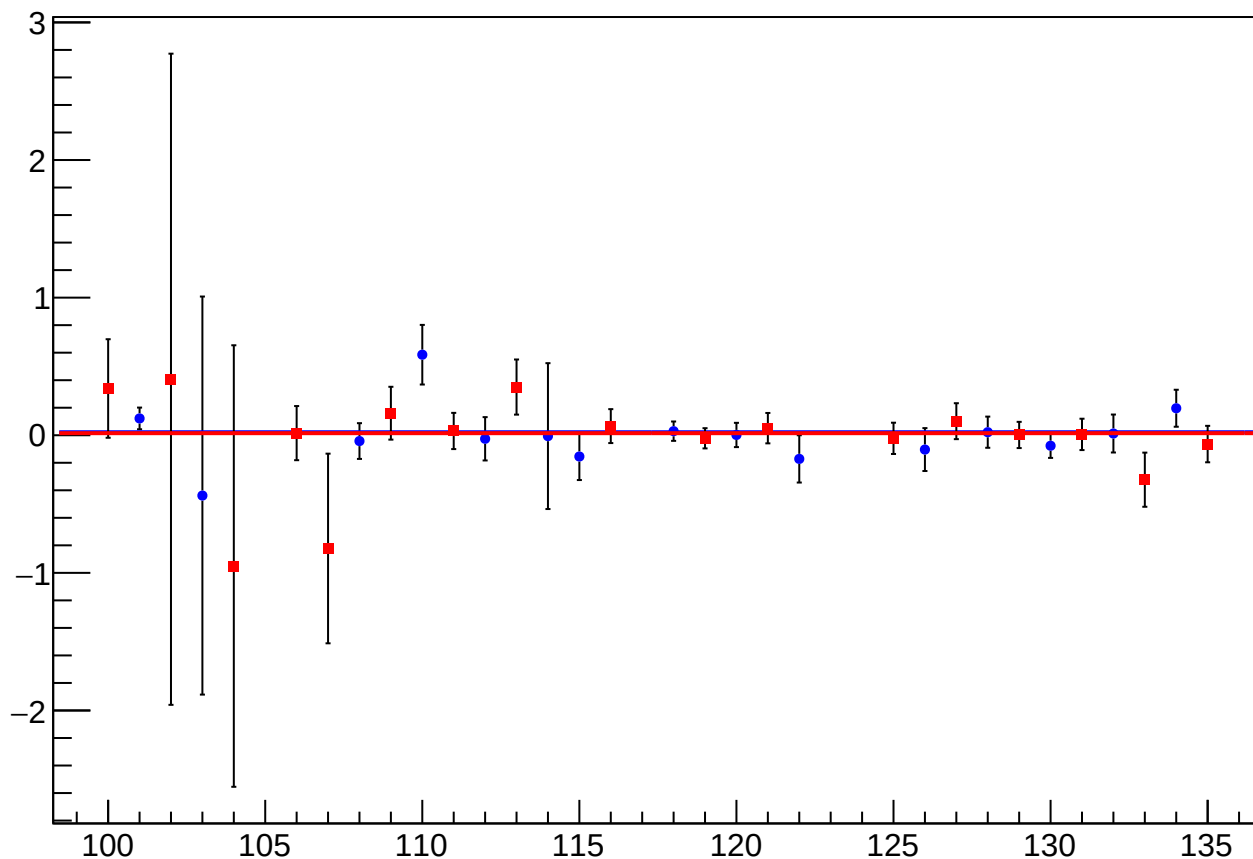
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6940621.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: 0.015 $\pm$ 0.034 χ^2 /NDF: 10.5/16

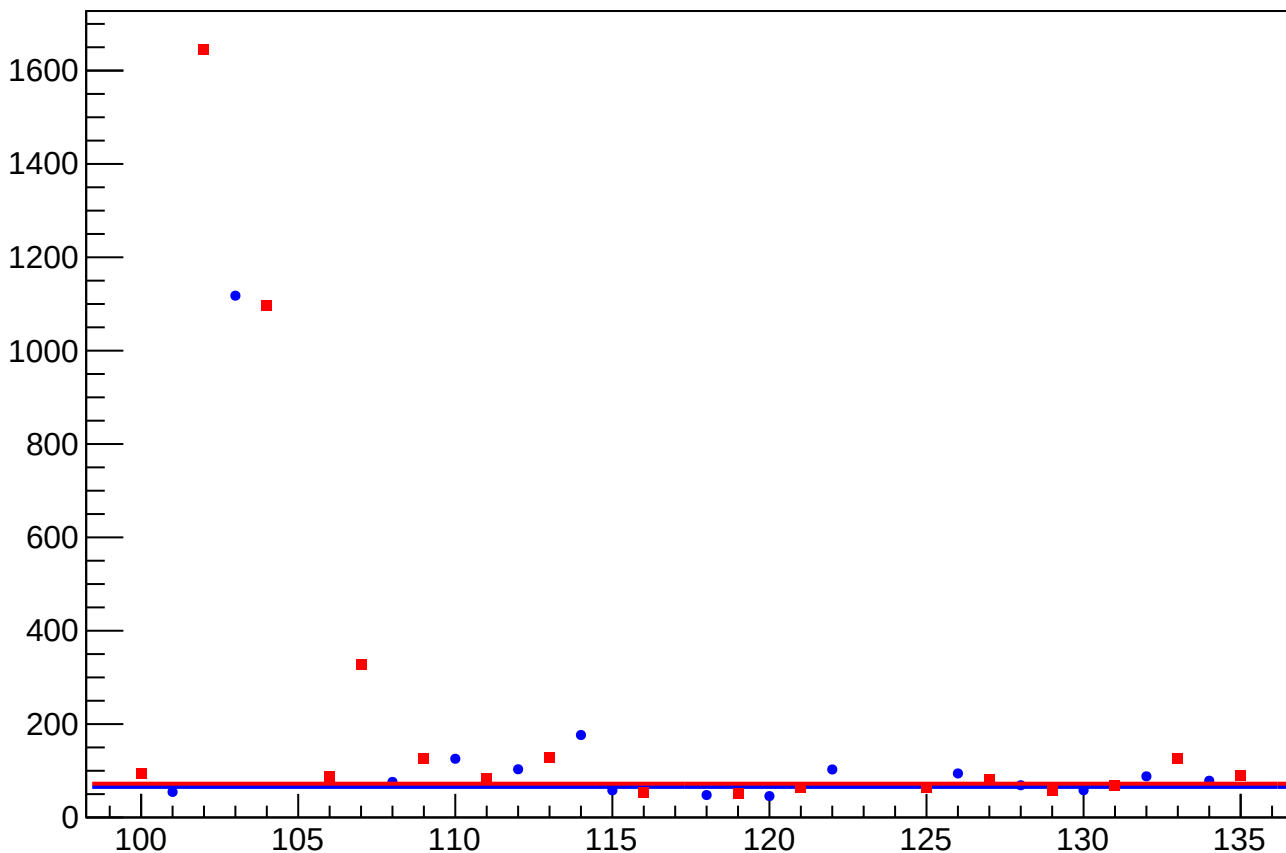
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.019 $\pm$ 0.023 χ^2 /NDF: 25.3/31

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

asym_atl1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 65.486 $\pm$ 0.022 χ^2 /NDF: 1945491.9/14

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

Right Out: 72.354 $\pm$ 0.024 χ^2 /NDF: 2790293.2/16

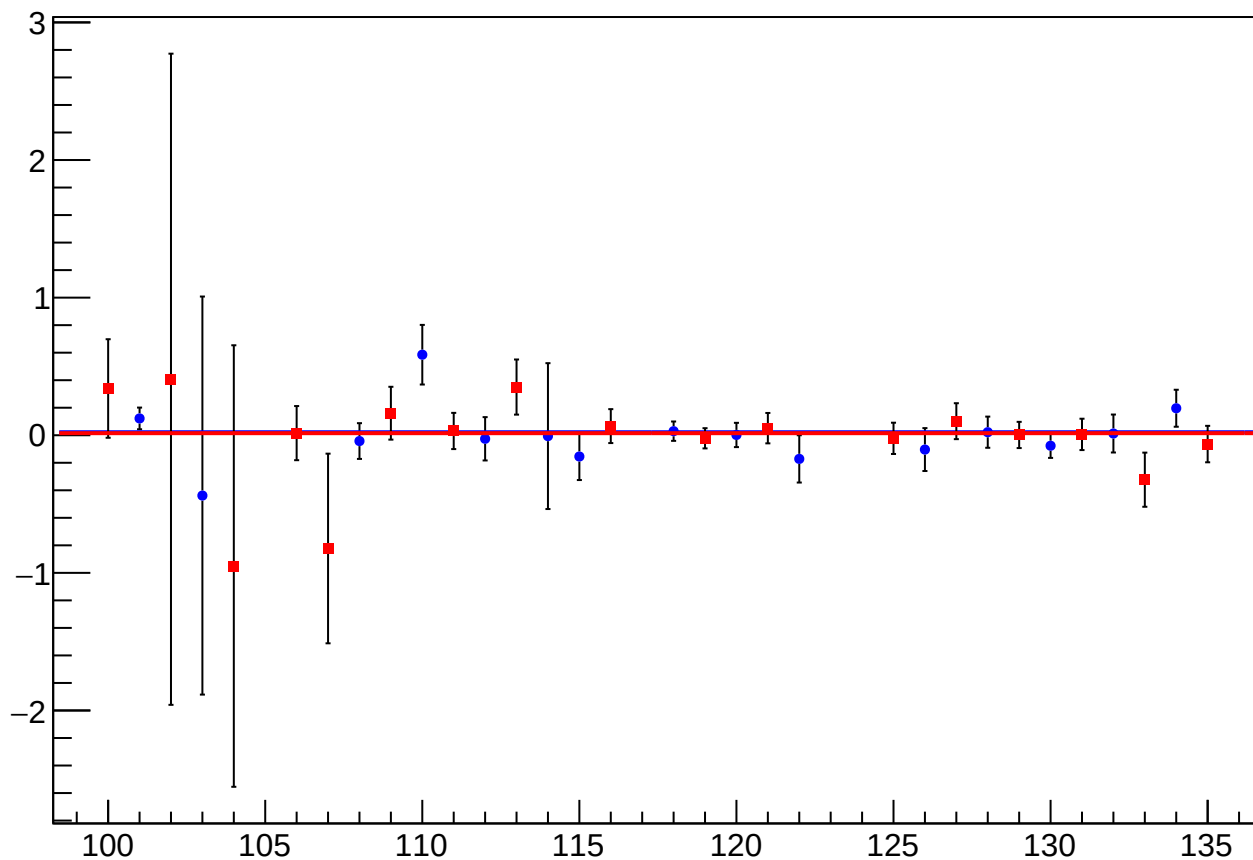
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 68.644 $\pm$ 0.016 χ^2 /NDF: 4780914.5/31

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.022 $\pm$ 0.031 χ^2 /NDF: 14.8/14

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

Right Out: 0.015 $\pm$ 0.034 χ^2 /NDF: 10.5/16

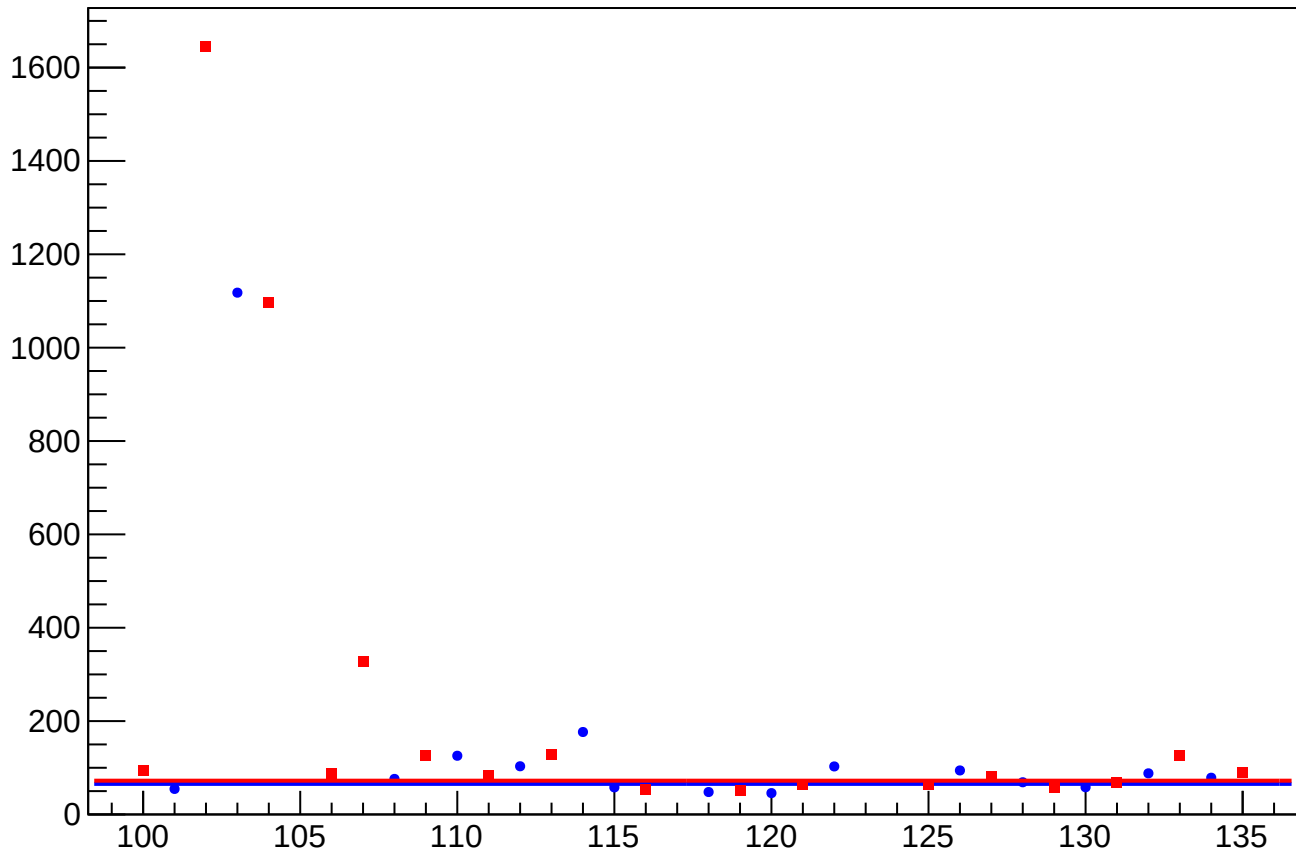
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 0.019 $\pm$ 0.023 χ^2 /NDF: 25.3/31

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

asym_atl1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 65.486+/-0.022 χ^2/NDF : 1945491.9/14

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

Right Out: 72.354+/-0.024 χ^2/NDF : 2790293.2/16

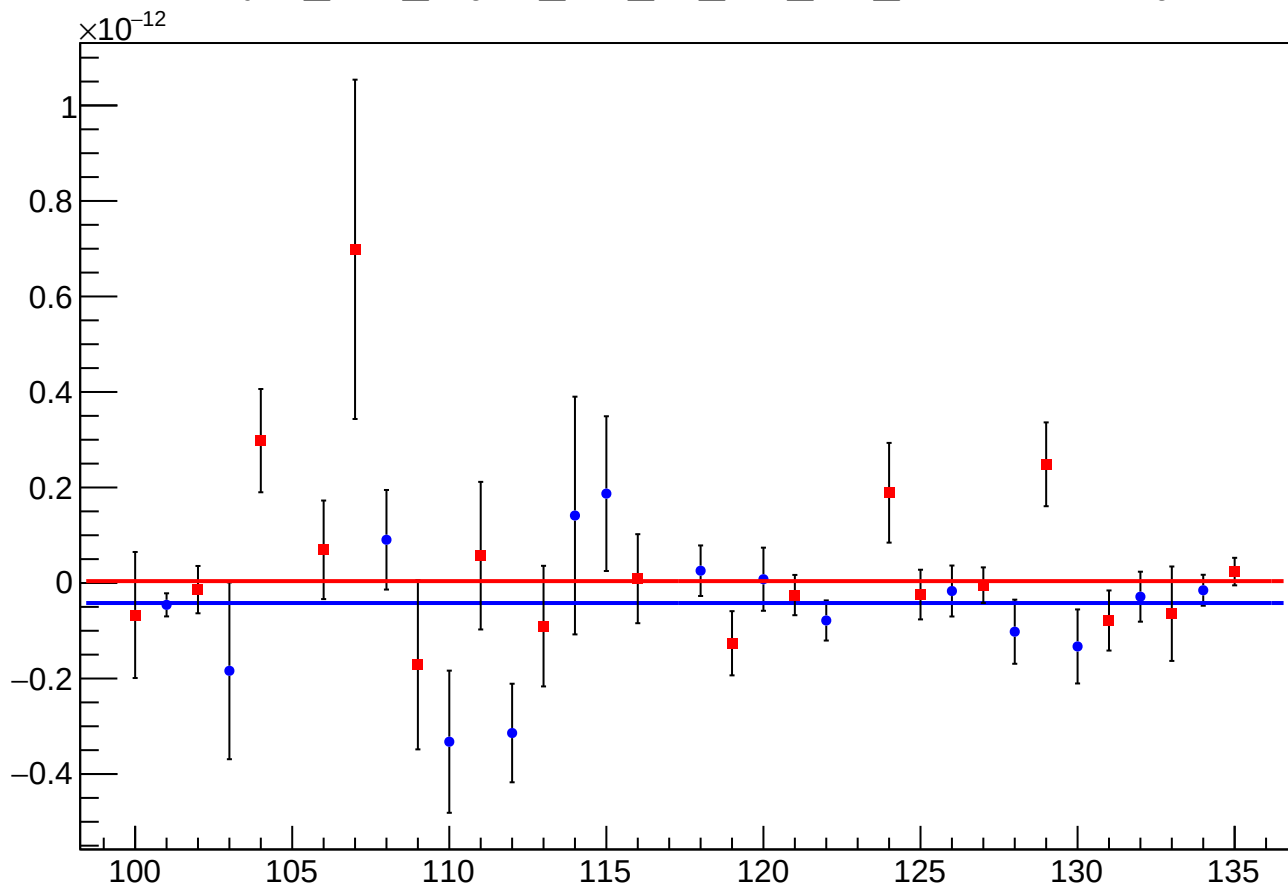
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.644+/-0.016 χ^2/NDF : 4780914.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 21.6/14

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

Right Out: 0.000 ± 0.000 χ^2/NDF : 31.9/17

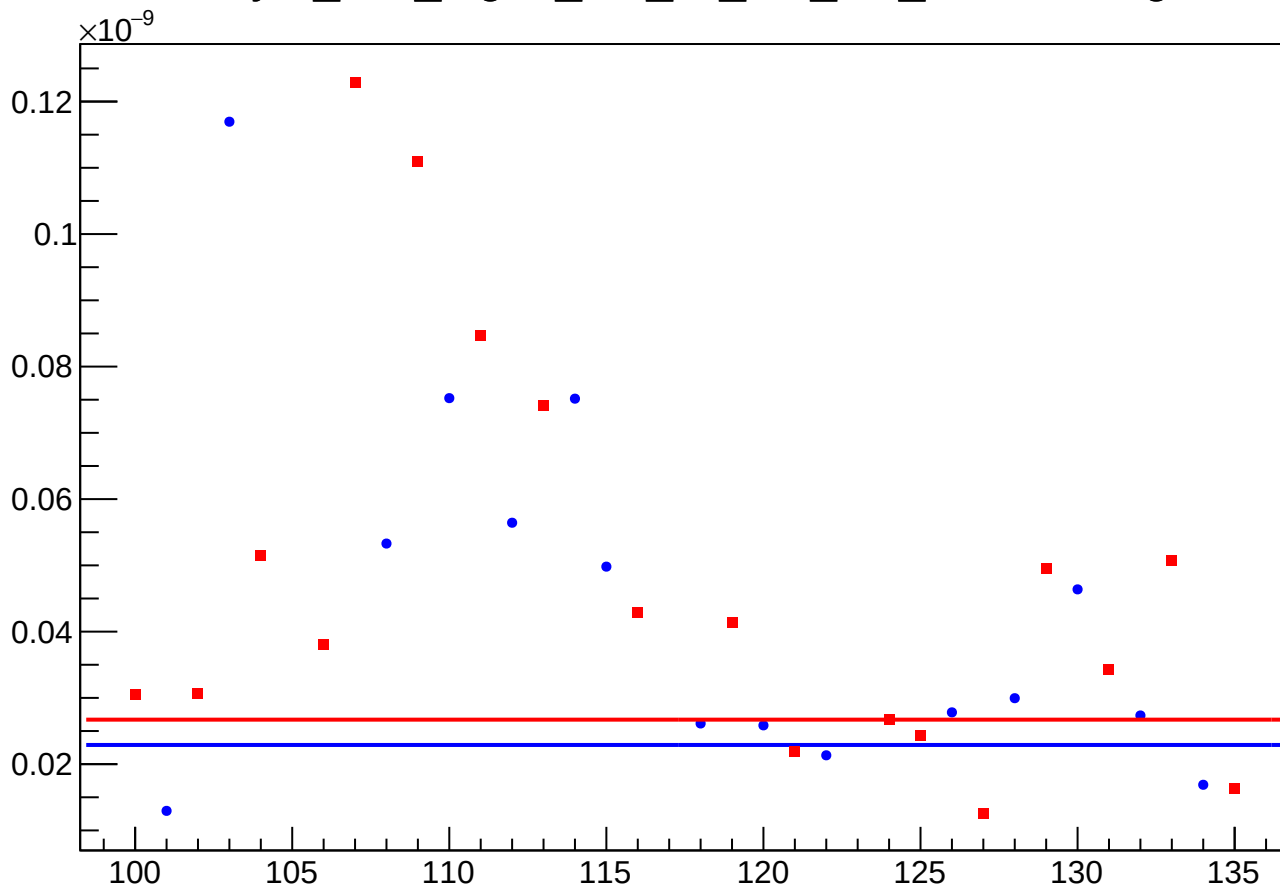
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 58.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1946362.7/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2317901.1/17

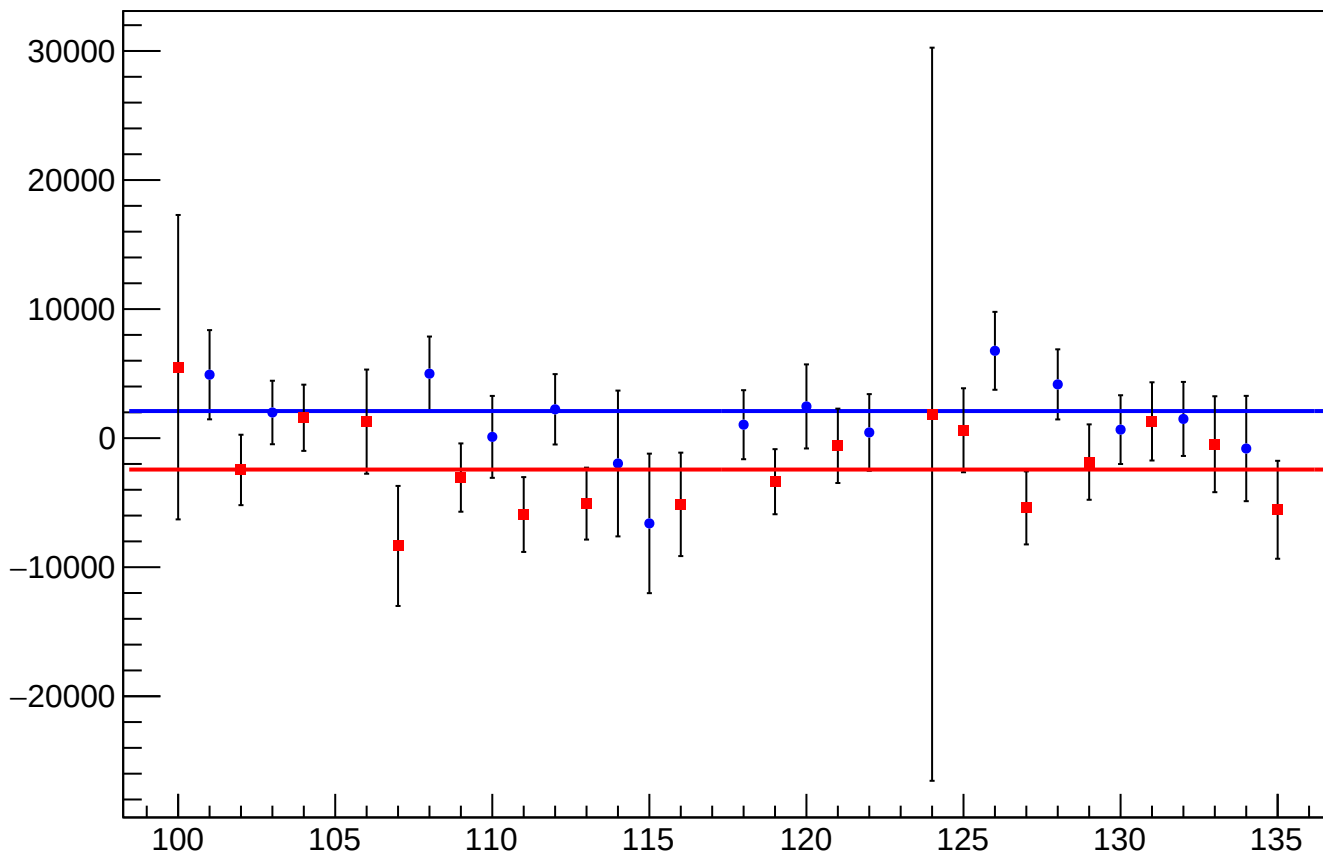
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4335341.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_mean vs Slug



Right In: 2099.178 $\pm$ 794.533 χ^2 /NDF: 9.5/14

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

Right Out: -2433.470 $\pm$ 762.473 χ^2 /NDF: 13.3/17

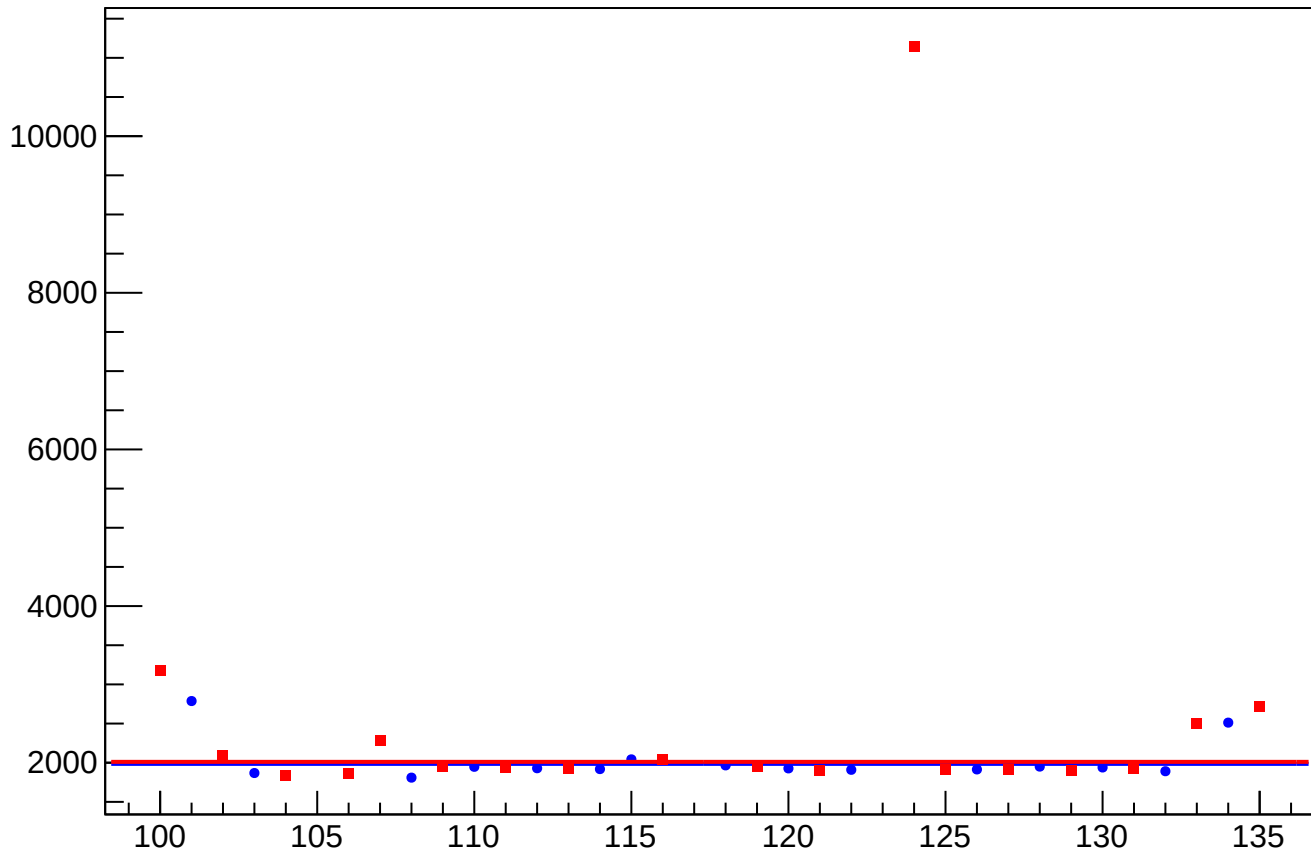
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -260.438 $\pm$ 550.135 χ^2 /NDF: 39.7/32

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

reg_asym_atl2_rms vs Slug



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.6/14

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

Right Out: 2011.039+/-0.539 χ^2/NDF : 367369.2/17

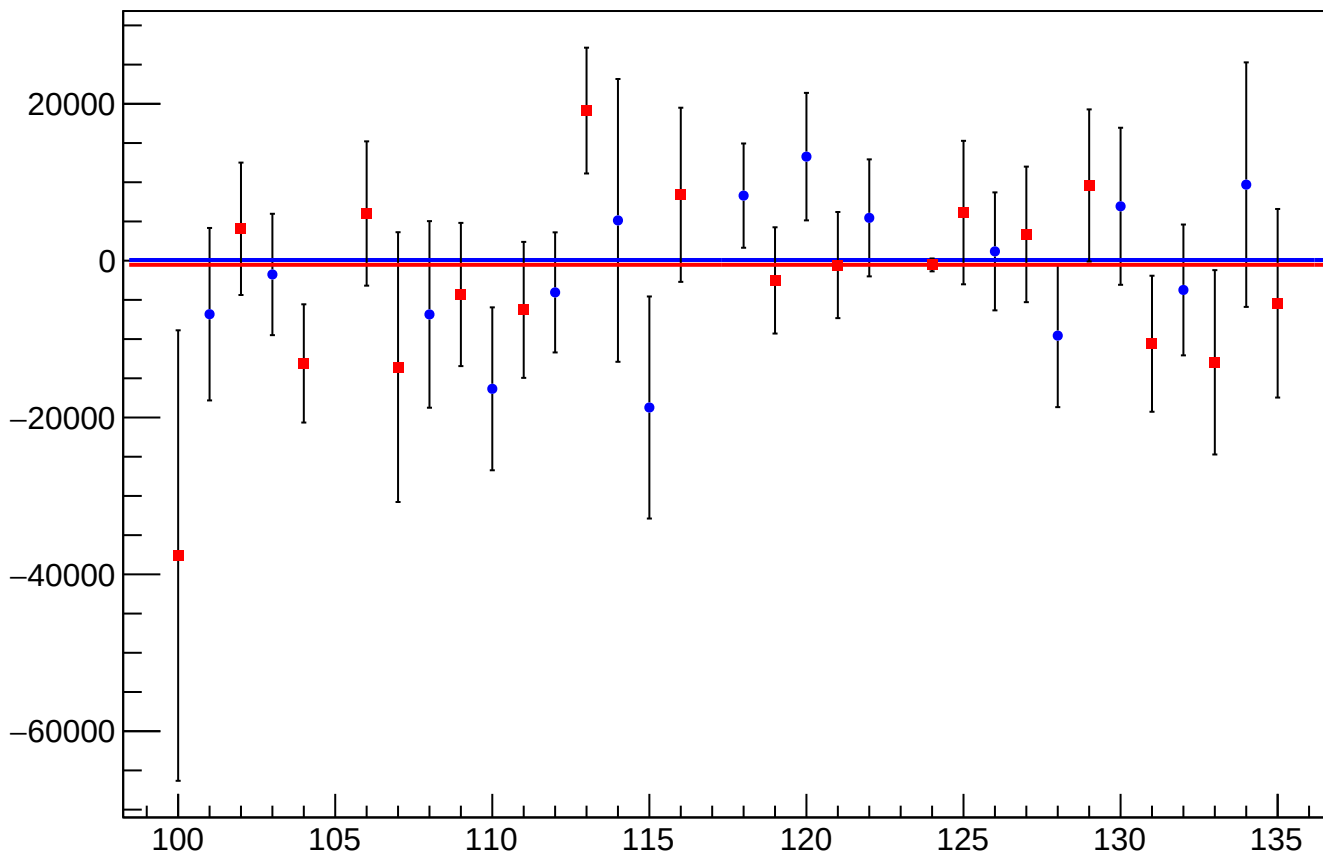
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.622+/-0.389 χ^2/NDF : 529273.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_mean vs Slug



Right In: 86.227+/-2354.958 χ^2/NDF : 12.3/14

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

Right Out: -525.751+/-768.923 χ^2/NDF : 17.6/17

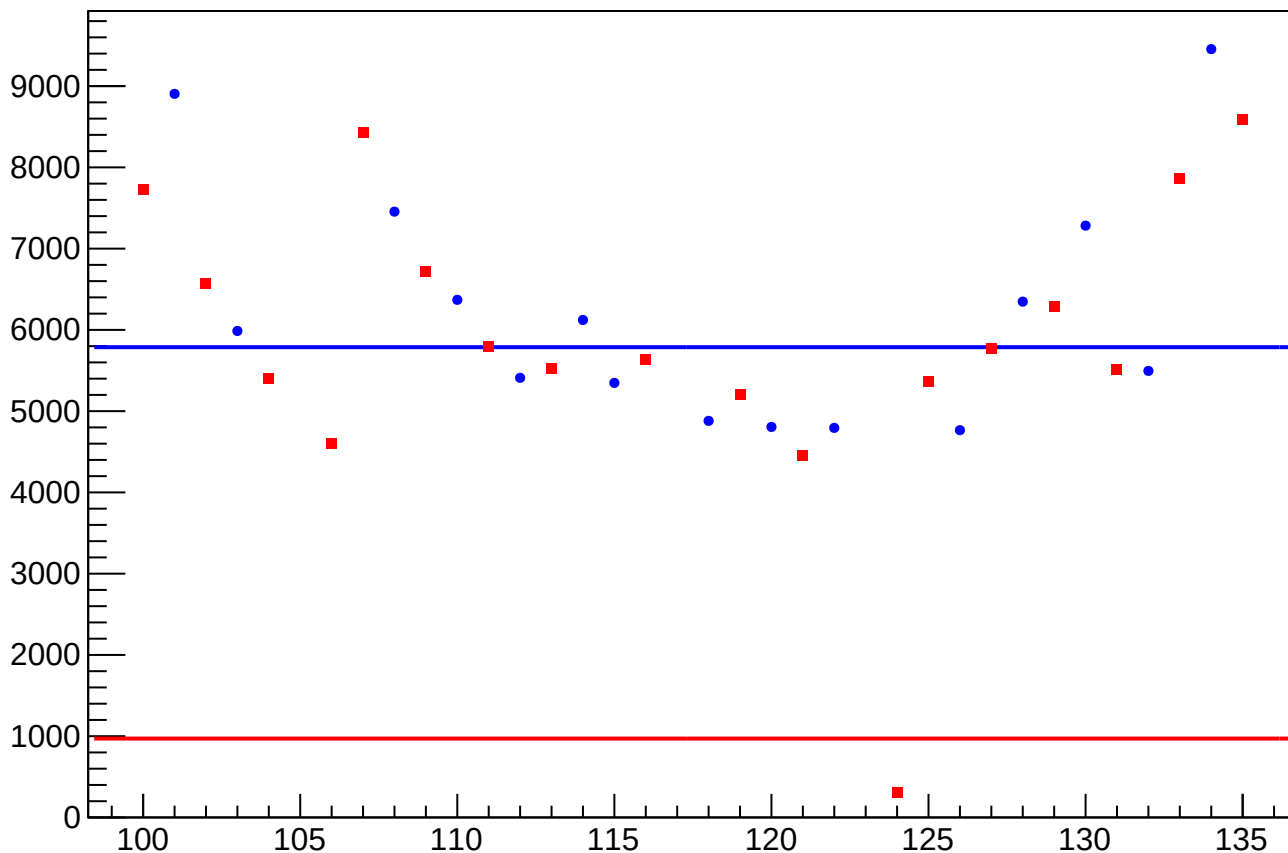
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -466.793+/-730.947 χ^2/NDF : 30.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_correction_rms vs Slug



Right In: 5787.285+/-1.665 χ^2/NDF : 519224.4/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

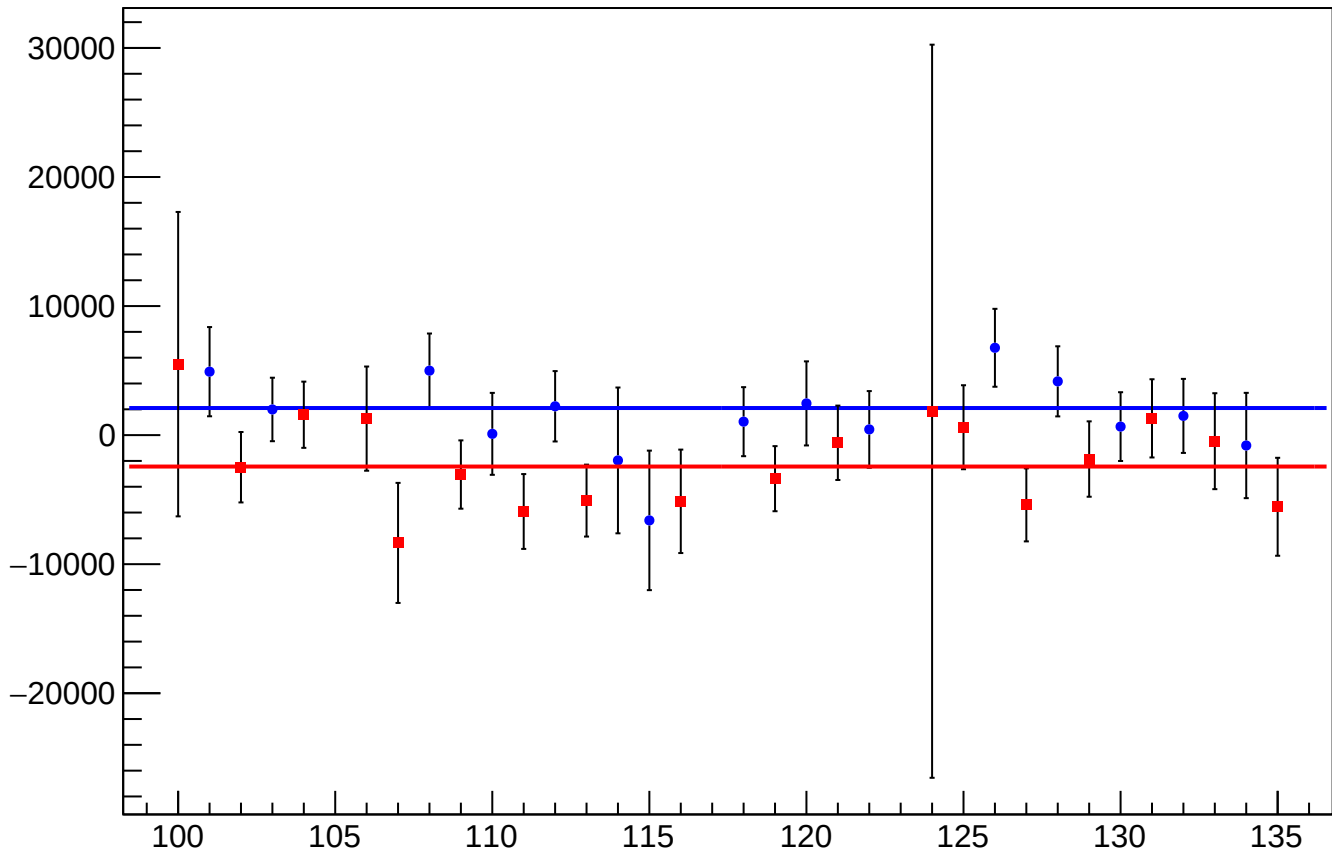
Right Out: 970.858+/-0.544 χ^2/NDF : 11099589.1/17

All: 1434.871+/-0.517 χ^2/NDF : 19178763.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

cor_asym_atl2_mean vs Slug



Right In: 2099.360 $\pm$ 794.533 χ^2 /NDF: 9.5/14

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

Right Out: -2435.317 $\pm$ 762.480 χ^2 /NDF: 13.3/17

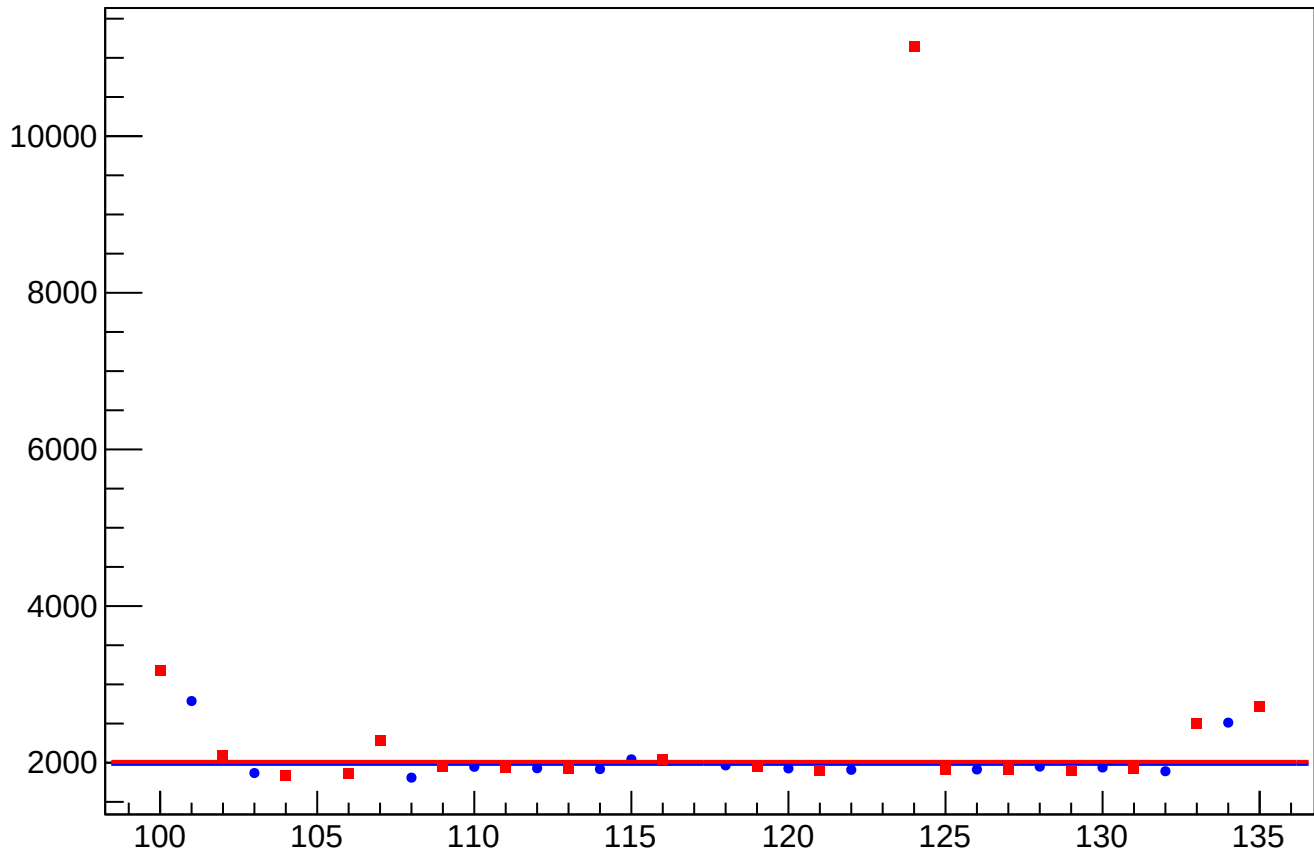
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -261.289 $\pm$ 550.137 χ^2 /NDF: 39.7/32

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

cor_asym_atl2_rms vs Slug



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

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

Right Out: 2011.061+/-0.539 χ^2/NDF : 367382.5/17

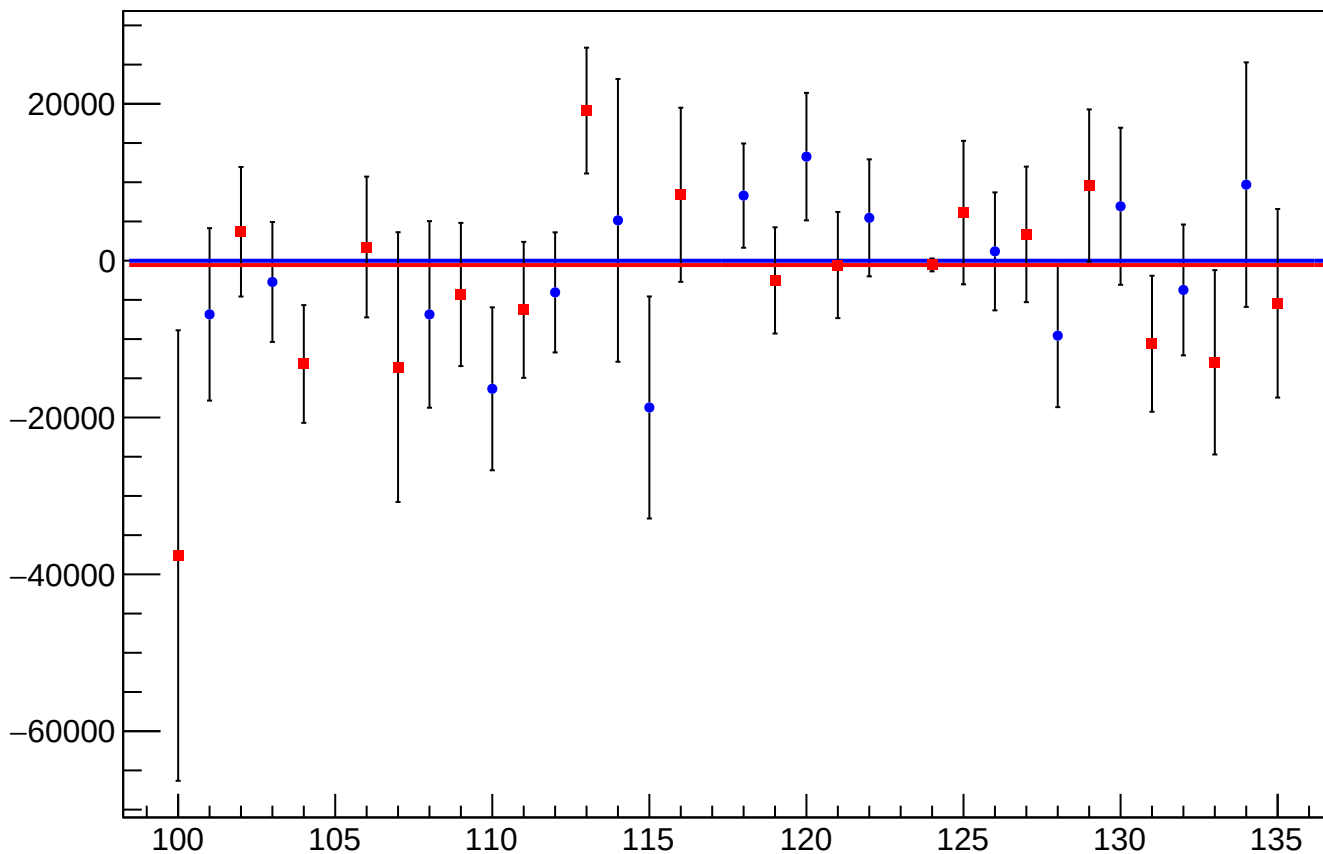
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.633+/-0.389 χ^2/NDF : 529288.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_mean vs Slug



Right In: -9.374 ± 2352.363 χ^2/NDF : 12.4/14

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

Right Out: -559.093 ± 768.583 χ^2/NDF : 17.2/17

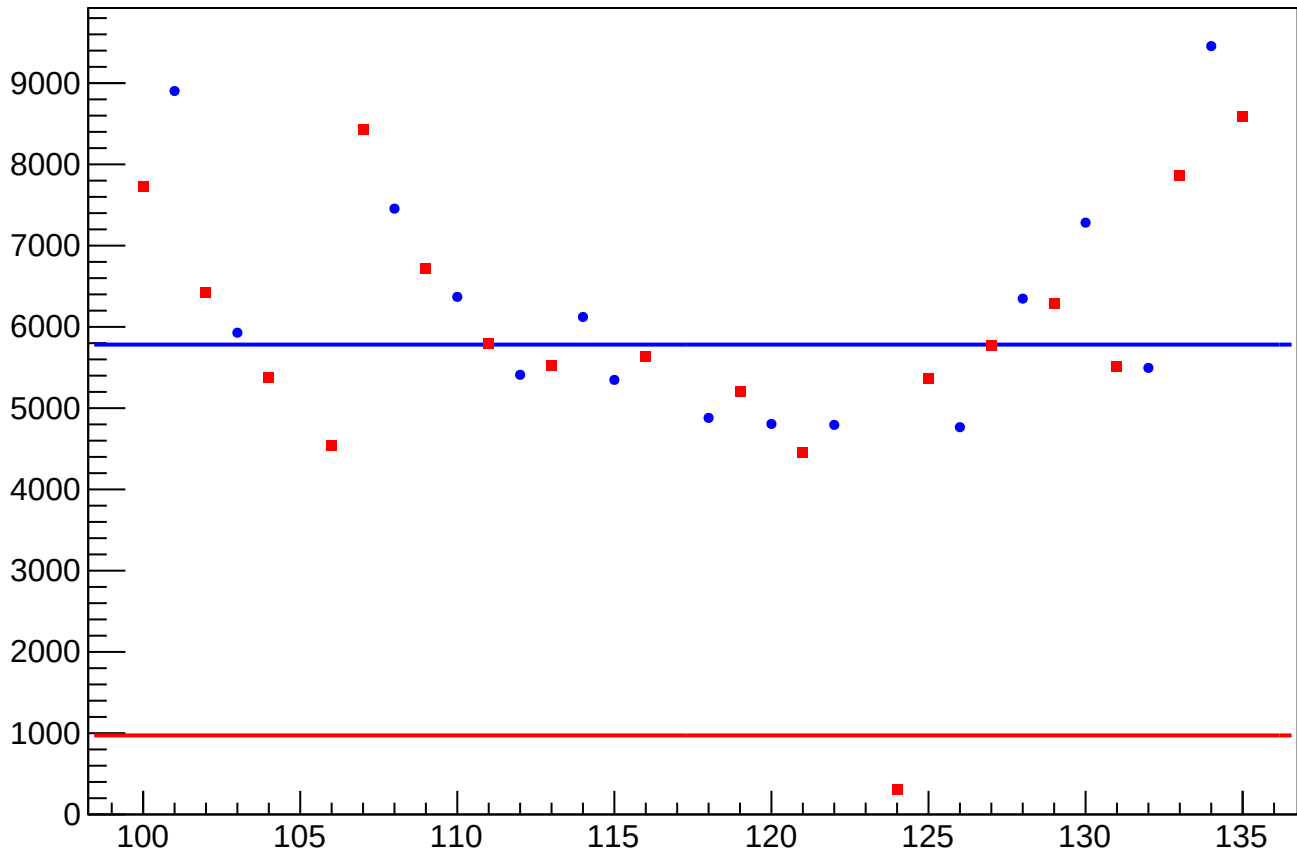
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -506.070 ± 730.577 χ^2/NDF : 29.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_cor_correction_rms vs Slug



Right In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

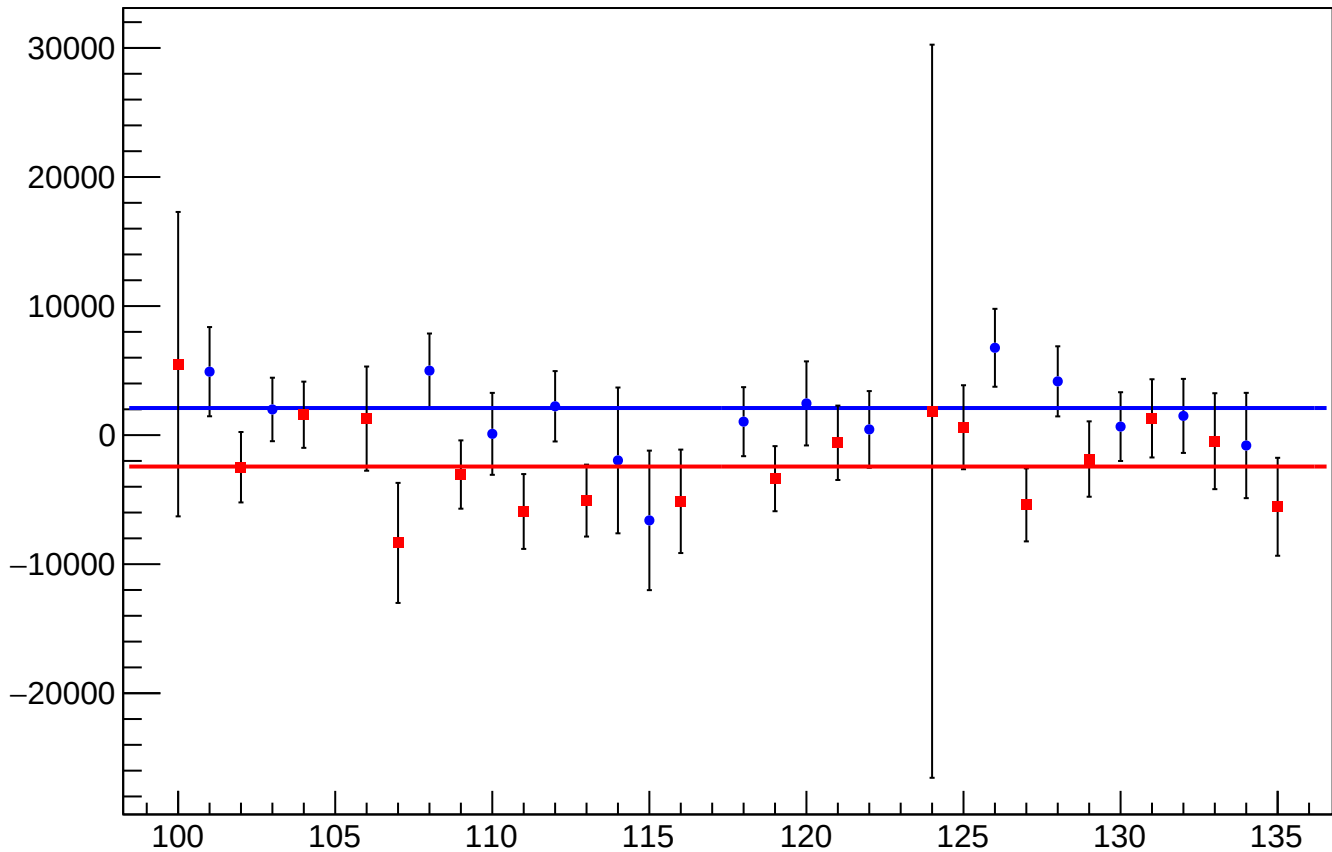
Right Out: 972.600+/-0.543 χ^2/NDF : 11095888.5/17

All: 1436.504+/-0.517 χ^2/NDF : 19168387.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

eigen_cor_asym_atl2_mean vs Slug



Right In: 2099.360 $\pm$ 794.533 χ^2 /NDF: 9.5/14

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

Right Out: -2435.317 $\pm$ 762.480 χ^2 /NDF: 13.3/17

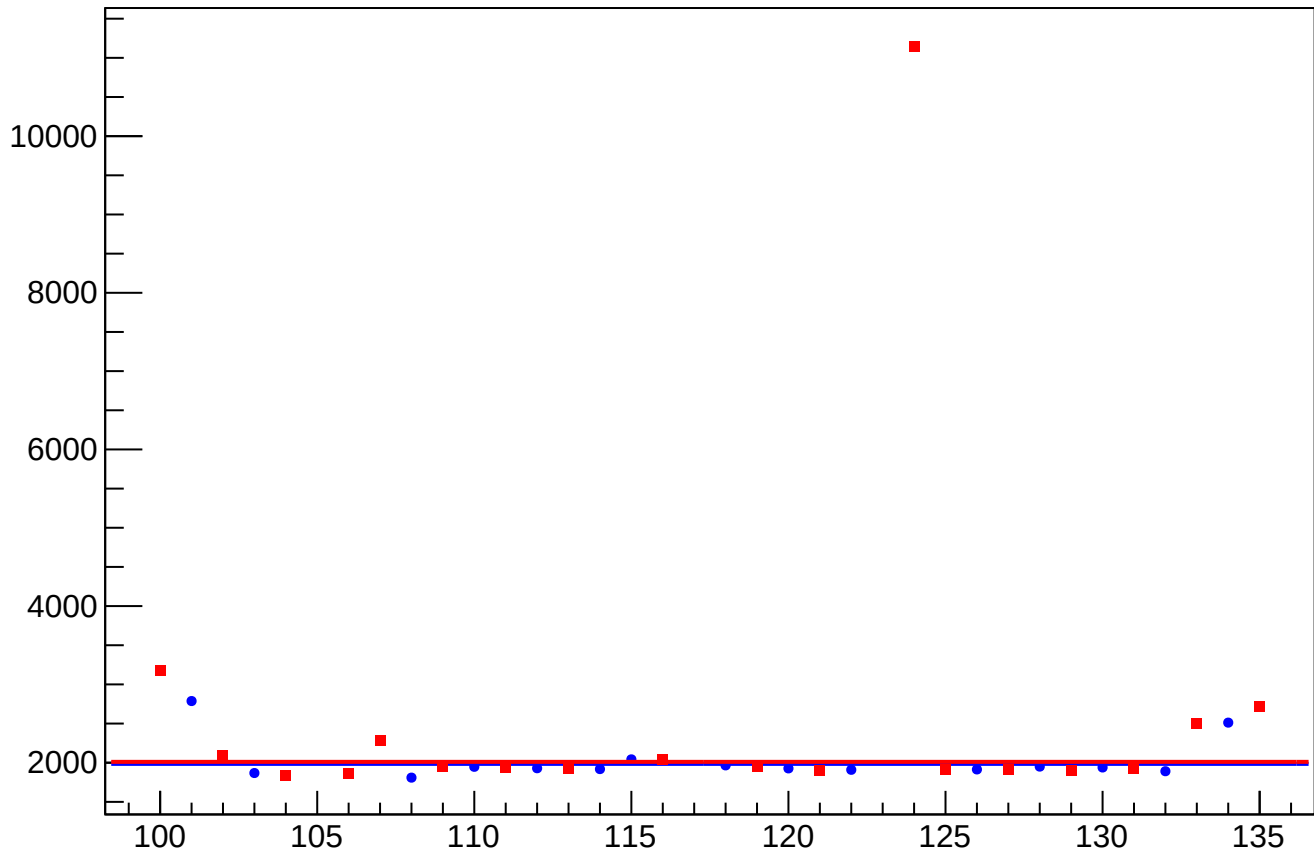
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -261.289 $\pm$ 550.137 χ^2 /NDF: 39.7/32

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

eigen_cor_asym_atl2_rms vs Slug



Right In: 1985.139+/-0.562 χ^2/NDF : 160797.4/14

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

Right Out: 2011.061+/-0.539 χ^2/NDF : 367382.5/17

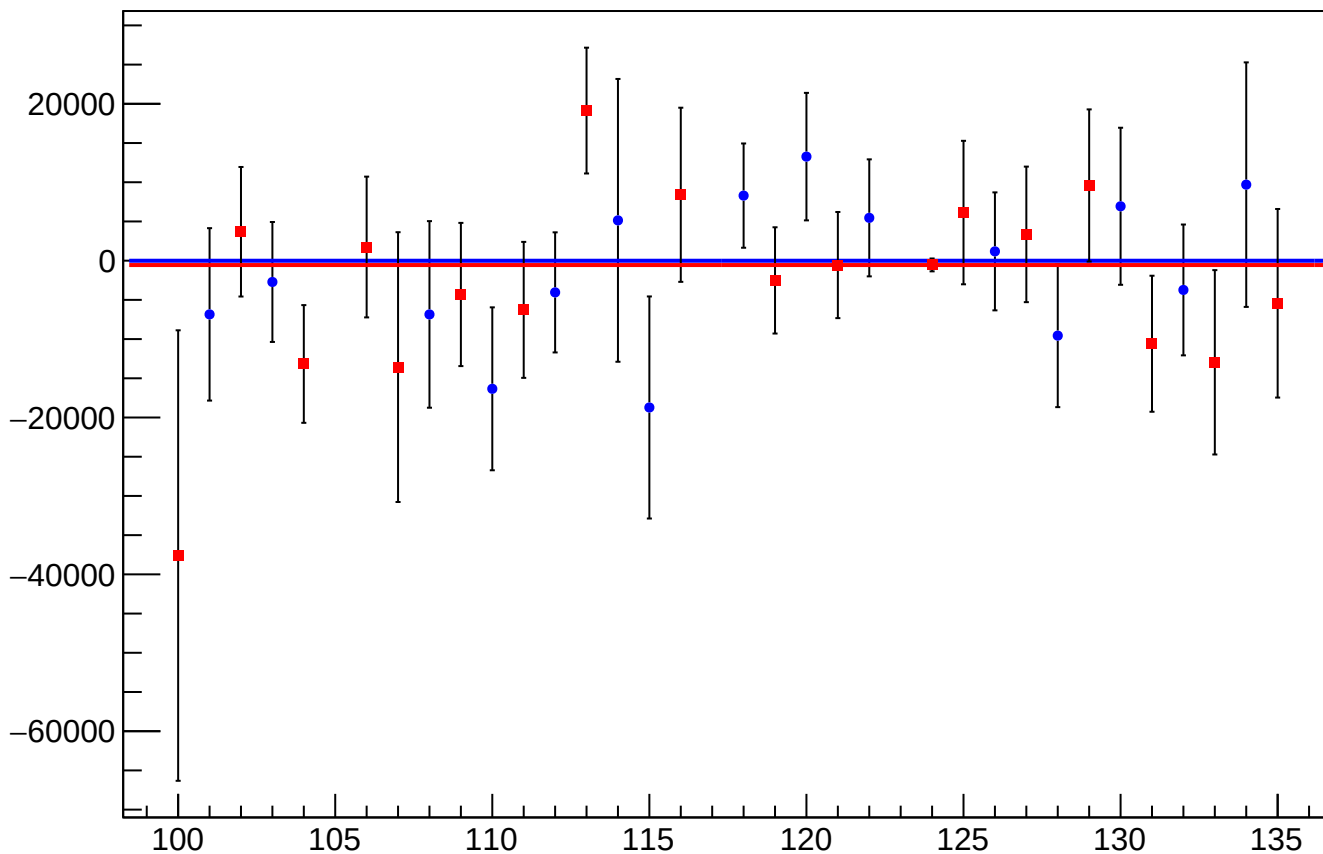
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1998.633+/-0.389 χ^2/NDF : 529288.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_mean vs Slug



Right In: -9.374 ± 2352.363 χ^2/NDF : 12.4/14

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

Right Out: -559.093 ± 768.583 χ^2/NDF : 17.2/17

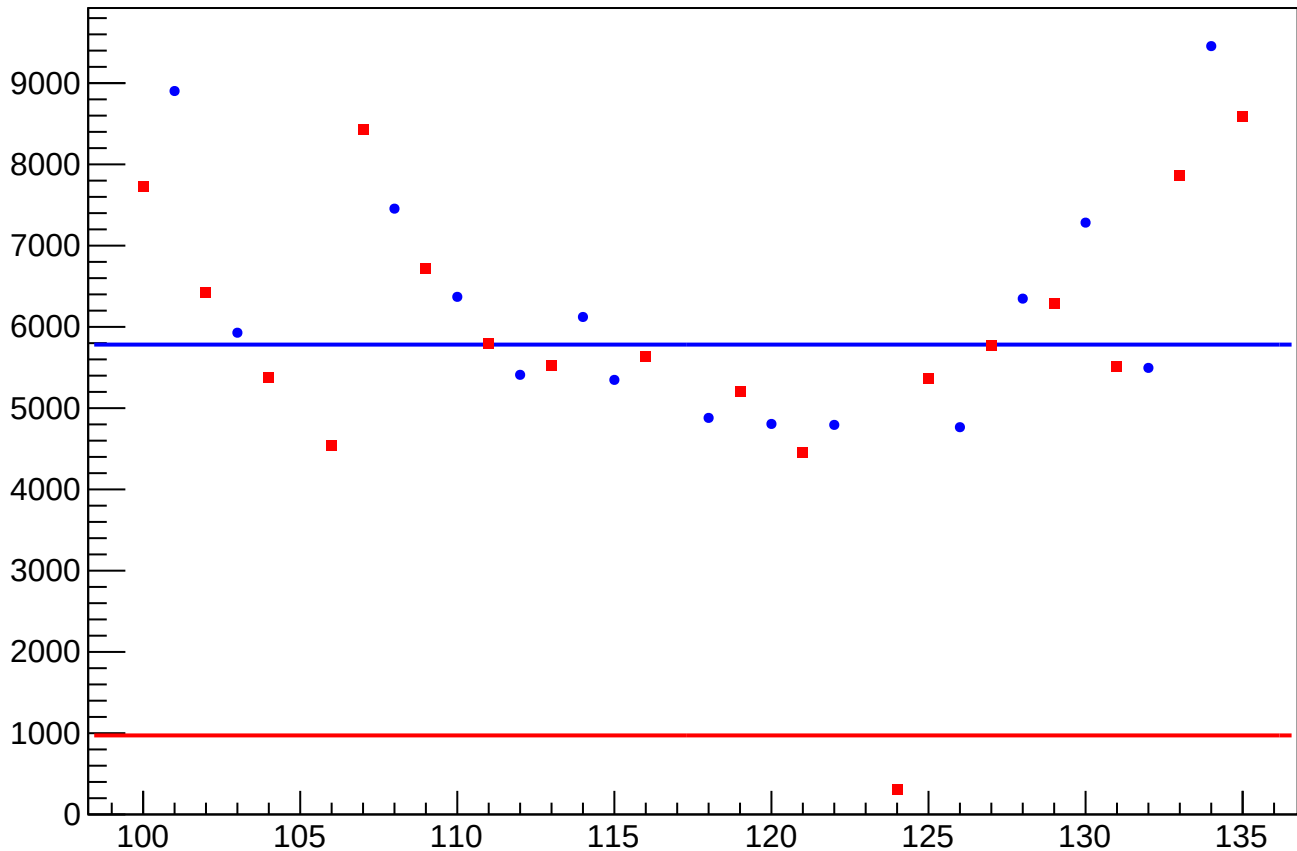
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -506.070 ± 730.577 χ^2/NDF : 29.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_correction_rms vs Slug



Right In: 5782.153+/-1.663 χ^2/NDF : 518432.1/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

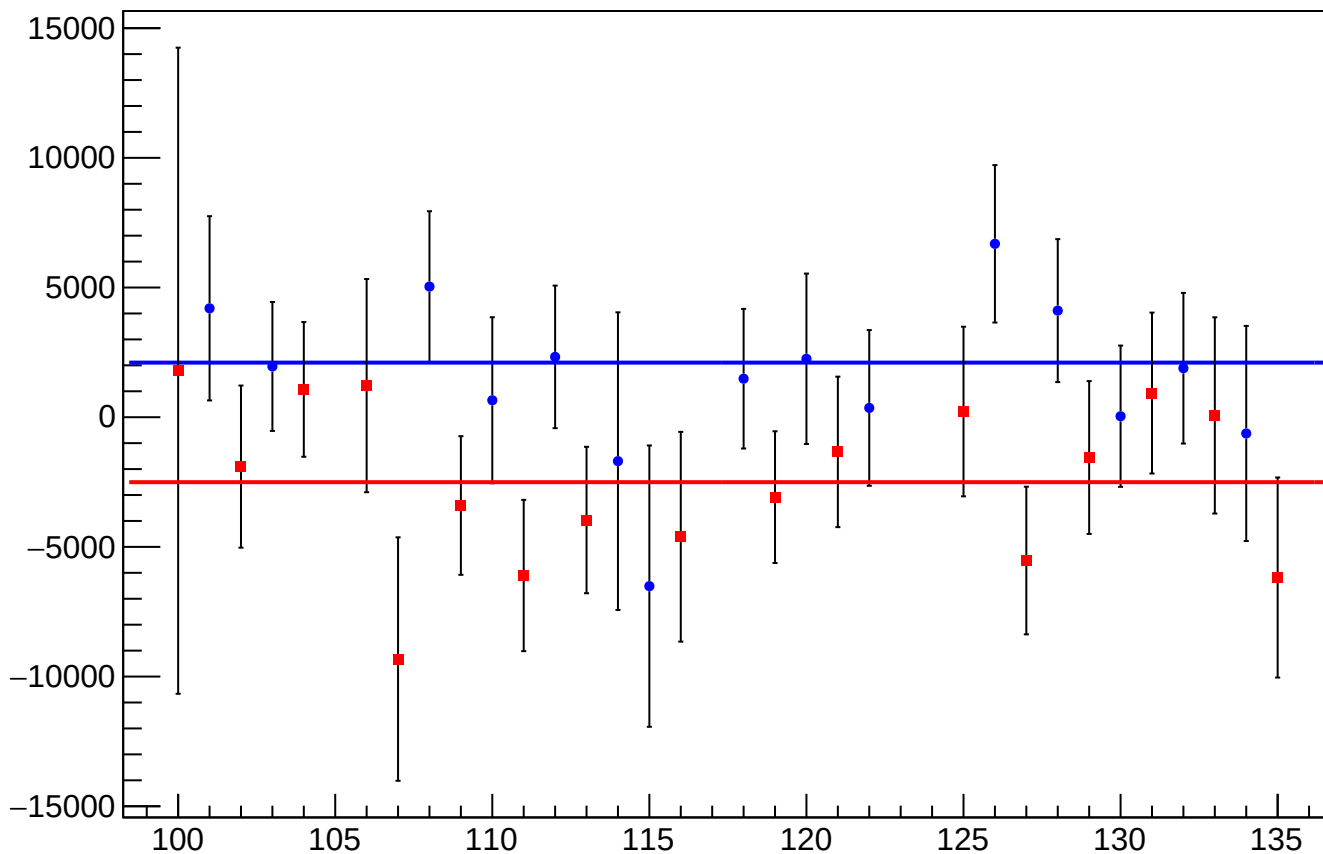
Right Out: 972.600+/-0.543 χ^2/NDF : 11095888.5/17

All: 1436.504+/-0.517 χ^2/NDF : 19168387.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

dit_asym_atl2_mean vs Slug



Right In: 2105.236 $\pm$ 803.963 χ^2 /NDF: 8.8/14

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

Right Out: -2505.067 $\pm$ 777.807 χ^2 /NDF: 11.9/16

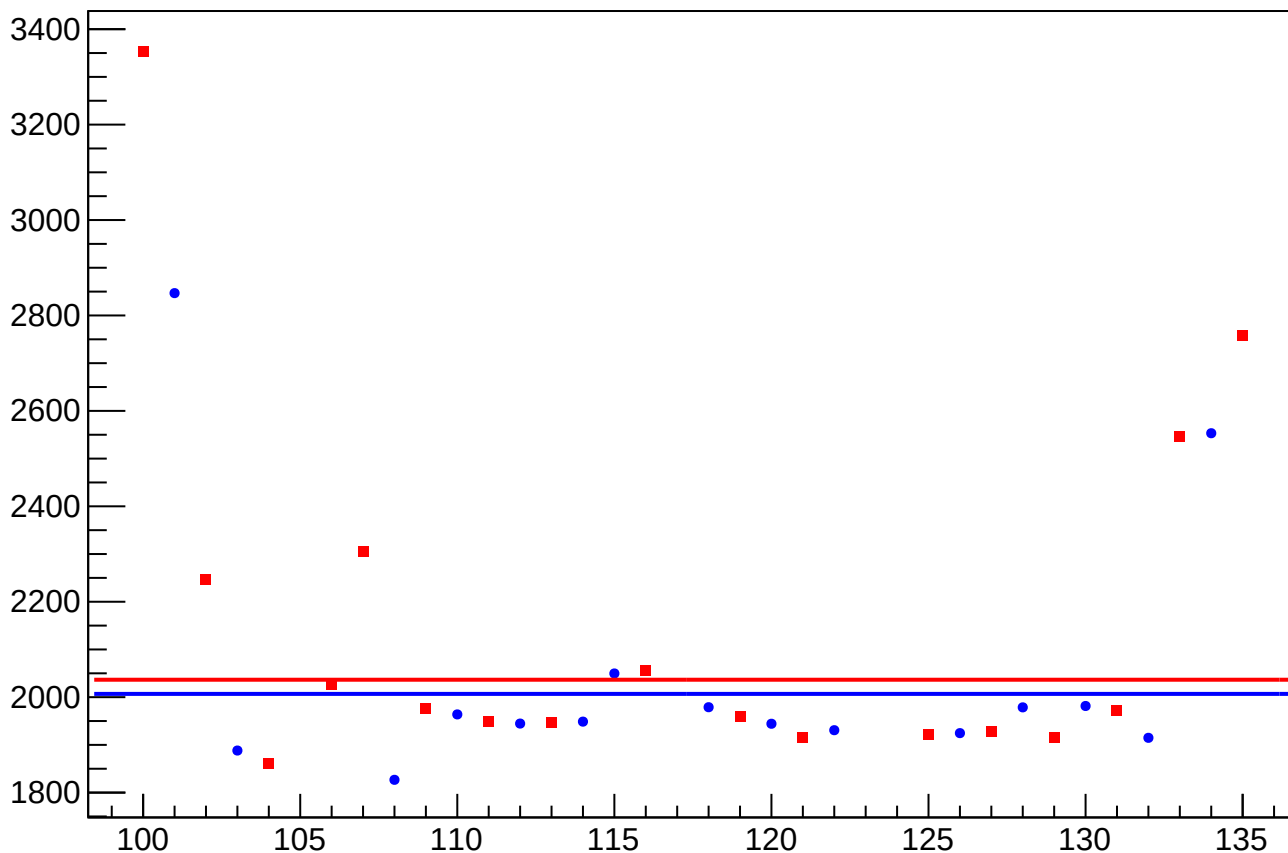
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -276.132 $\pm$ 559.011 χ^2 /NDF: 37.6/31

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

dit_asym_atl2_rms vs Slug



Right In: 2006.864+/-0.568 χ^2/NDF : 166565.2/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

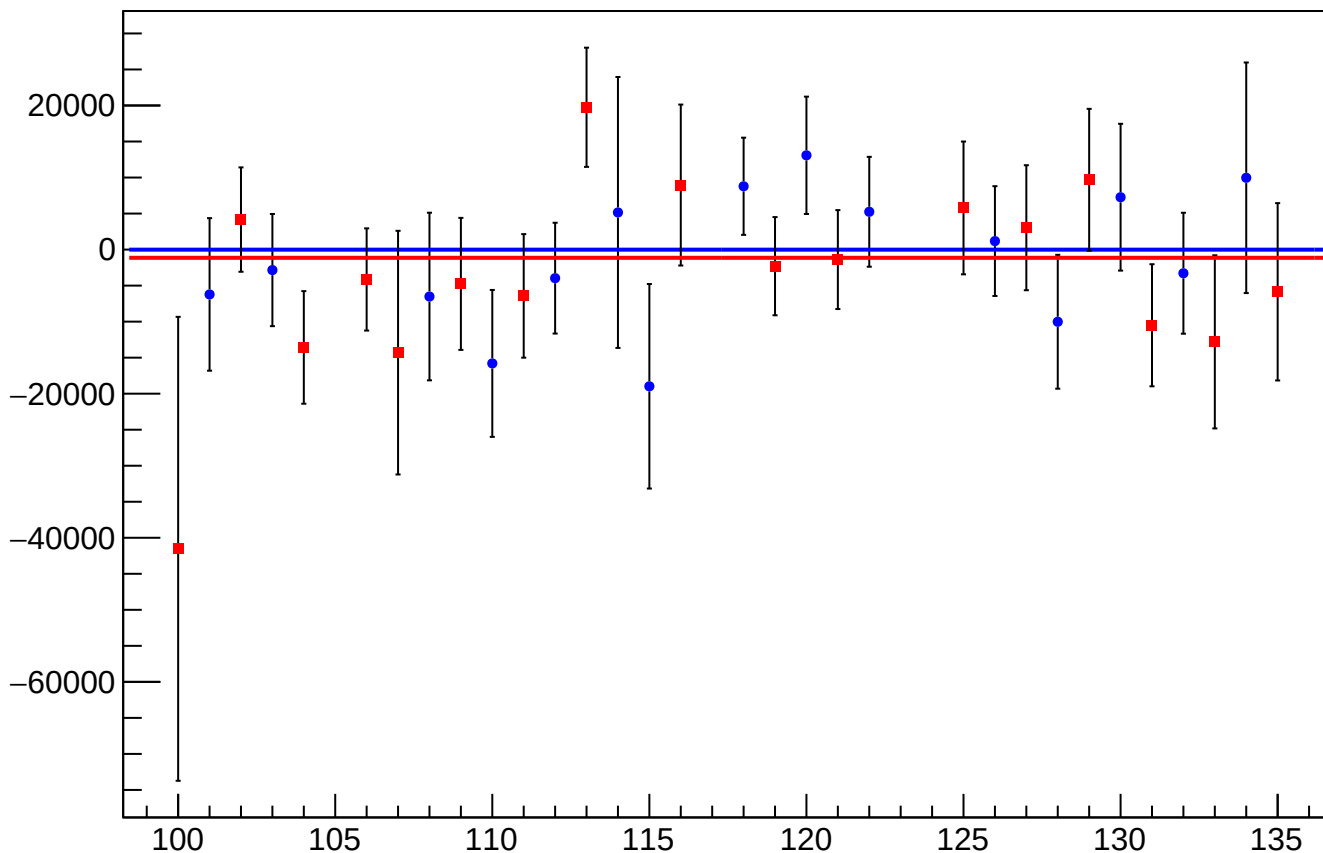
Right Out: 2036.555+/-0.549 χ^2/NDF : 173047.3/16

All: 2022.223+/-0.395 χ^2/NDF : 341023.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl2_dit_correction_mean vs Slug



Right In: -9.659 ± 2370.662 χ^2/NDF : 12.3/14

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

Right Out: -1140.859 ± 2164.328 χ^2/NDF : 17.5/16

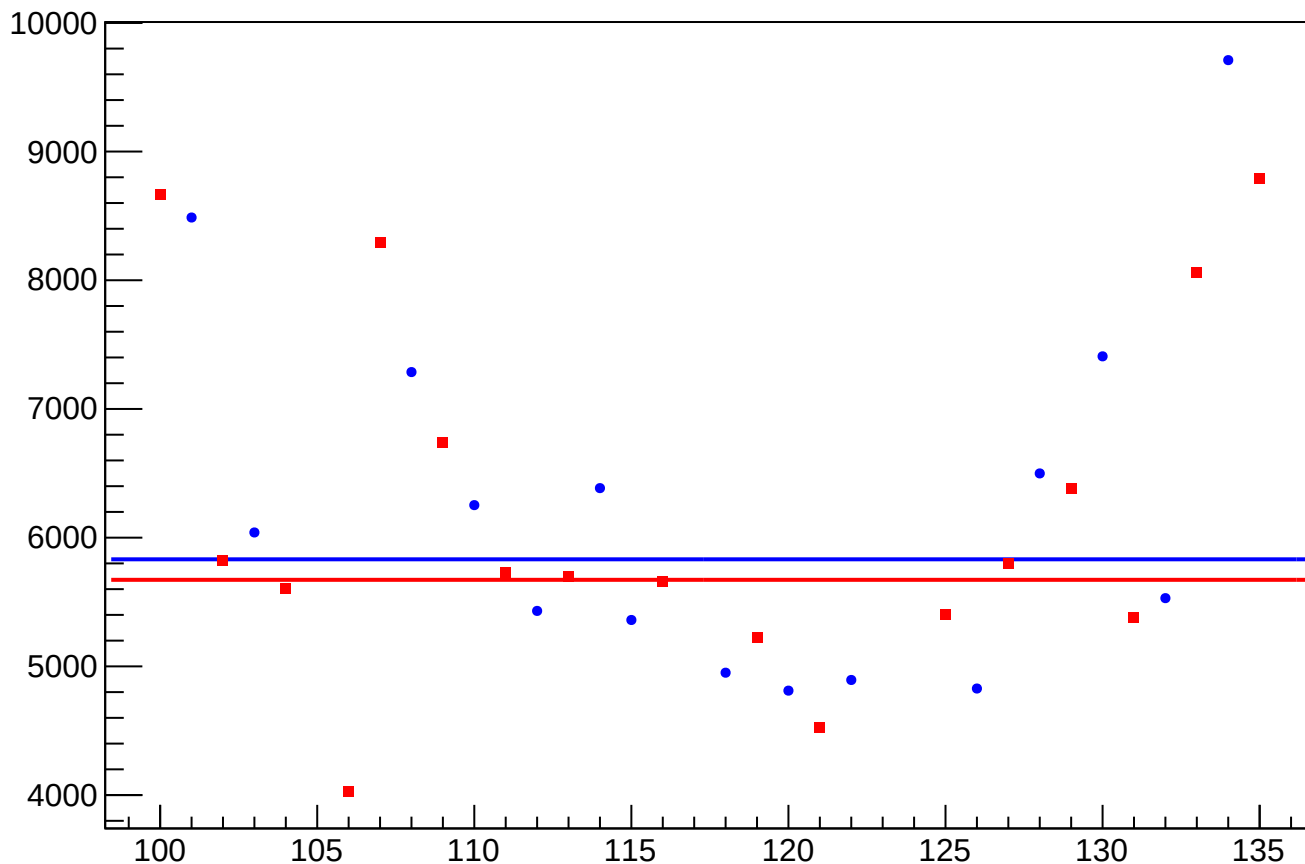
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -626.620 ± 1598.388 χ^2/NDF : 29.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_correction_rms vs Slug



Right In: 5831.787+/-1.676 χ^2/NDF : 480113.3/14

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

Right Out: 5672.441+/-1.530 χ^2/NDF : 487506.2/16

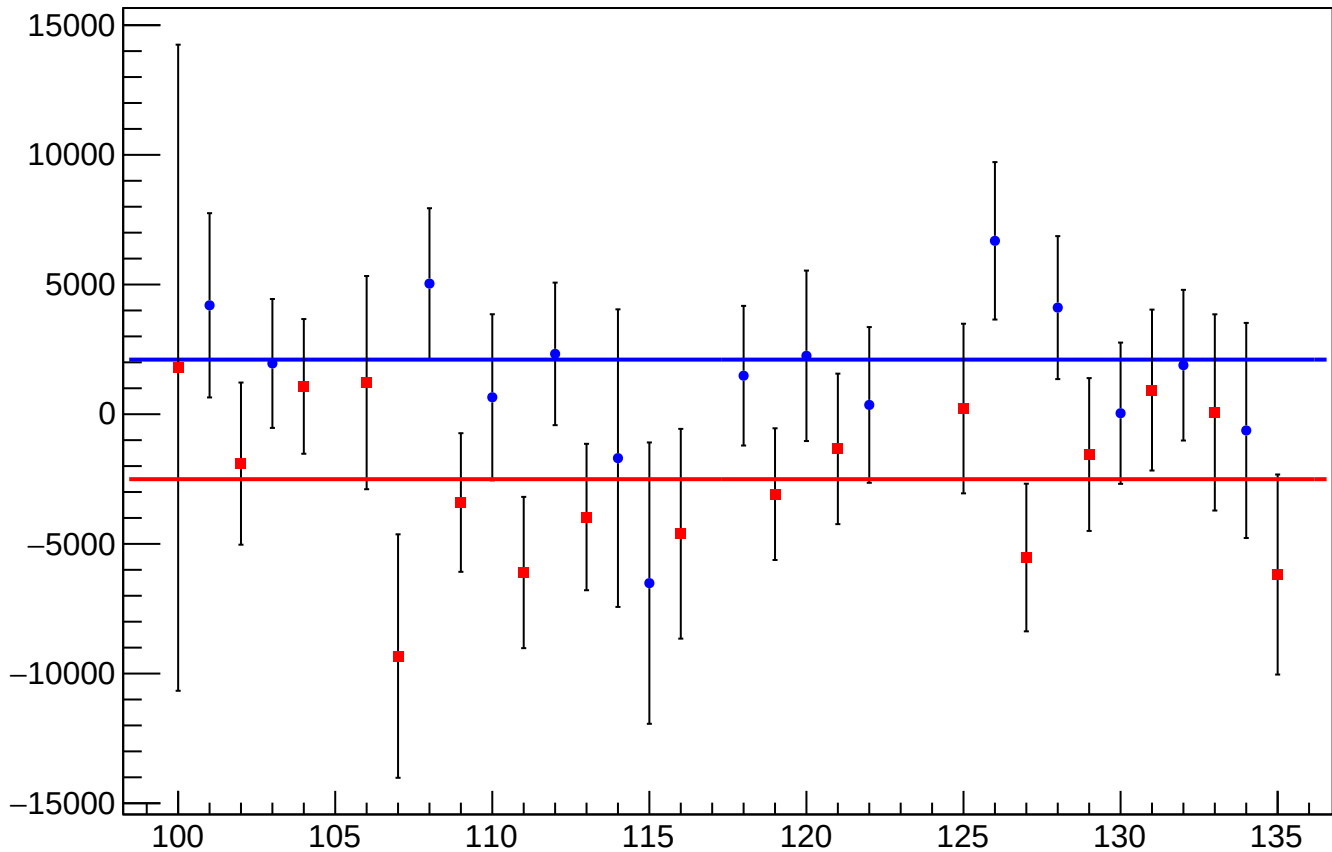
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5744.879+/-1.130 χ^2/NDF : 972547.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl2_mean vs Slug



Right In: 2105.245 $\pm$ 803.963 χ^2 /NDF: 8.8/14

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

Right Out: -2505.071 $\pm$ 777.807 χ^2 /NDF: 11.9/16

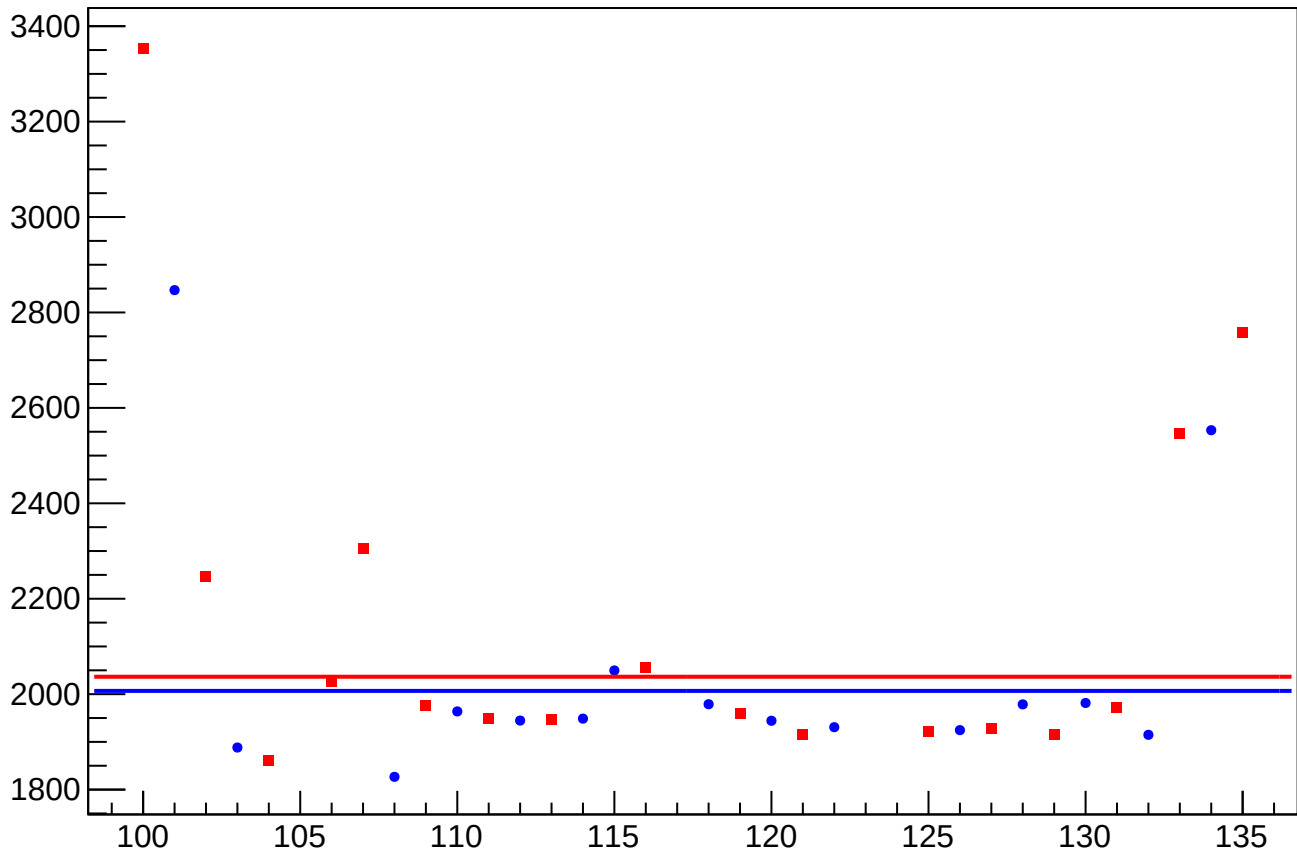
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -276.130 $\pm$ 559.011 χ^2 /NDF: 37.6/31

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

eigen_dit_asym_atl2_rms vs Slug



Right In: 2006.864+/-0.568 χ^2/NDF : 166565.0/14

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

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

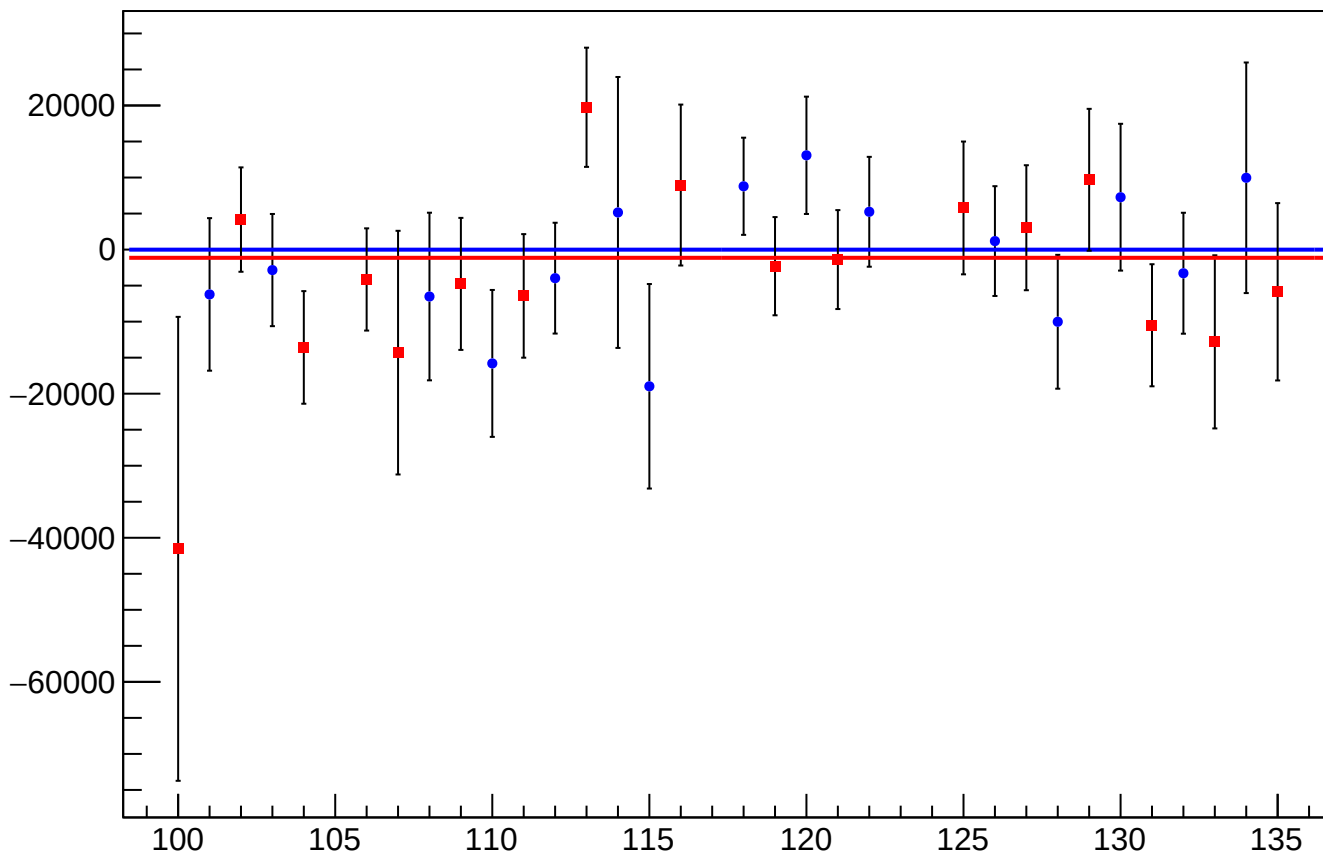
Right Out: 2036.555+/-0.549 χ^2/NDF : 173047.5/16

All: 2022.223+/-0.395 χ^2/NDF : 341023.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

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

asym_atl2_eigen_dit_correction_mean vs Slug



Right In: -9.653+/-2370.654 χ^2/NDF : 12.3/14

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

Right Out: -1140.862+/-2164.321 χ^2/NDF : 17.5/16

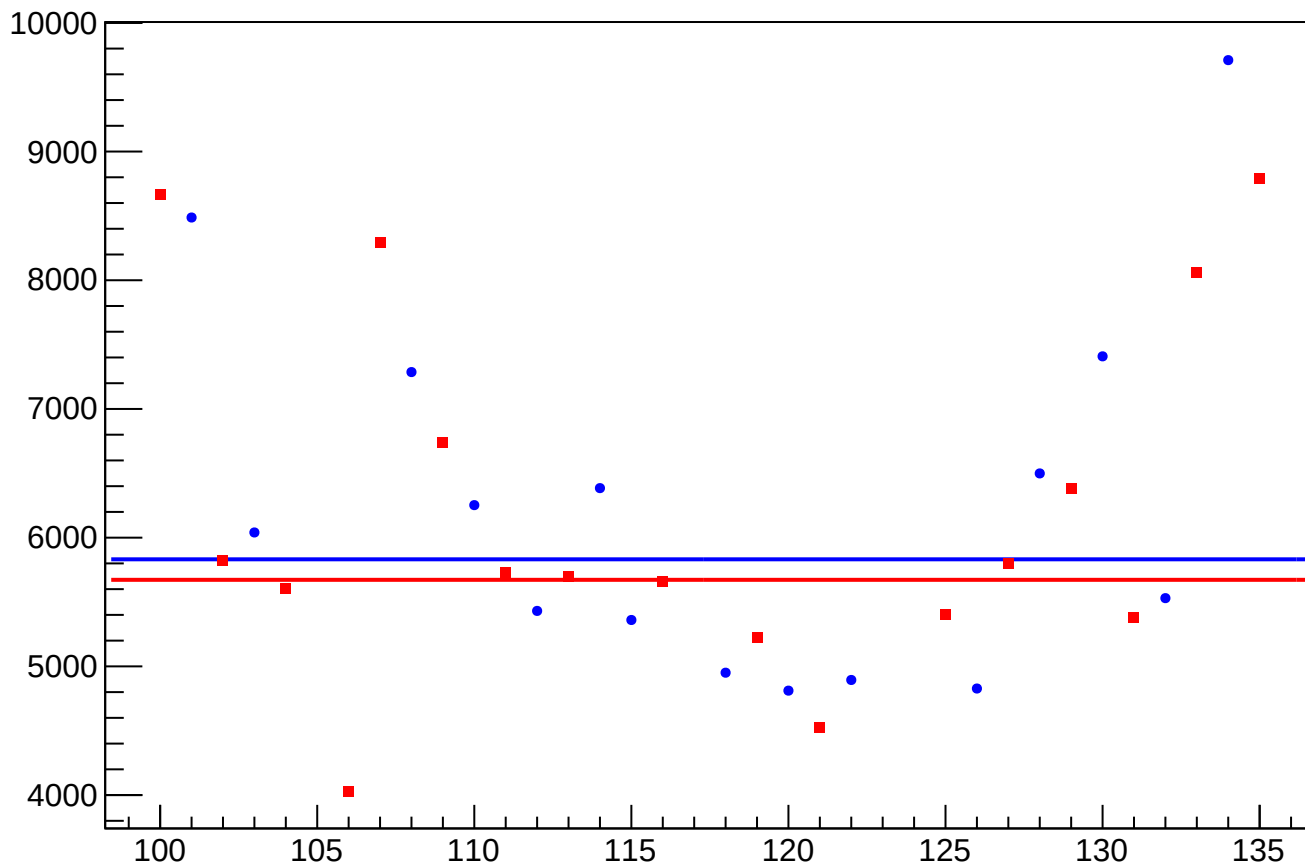
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -626.619+/-1598.383 χ^2/NDF : 29.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_correction_rms vs Slug



Right In: 5831.767+/-1.676 χ^2/NDF : 480117.5/14

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

Right Out: 5672.424+/-1.530 χ^2/NDF : 487509.0/16

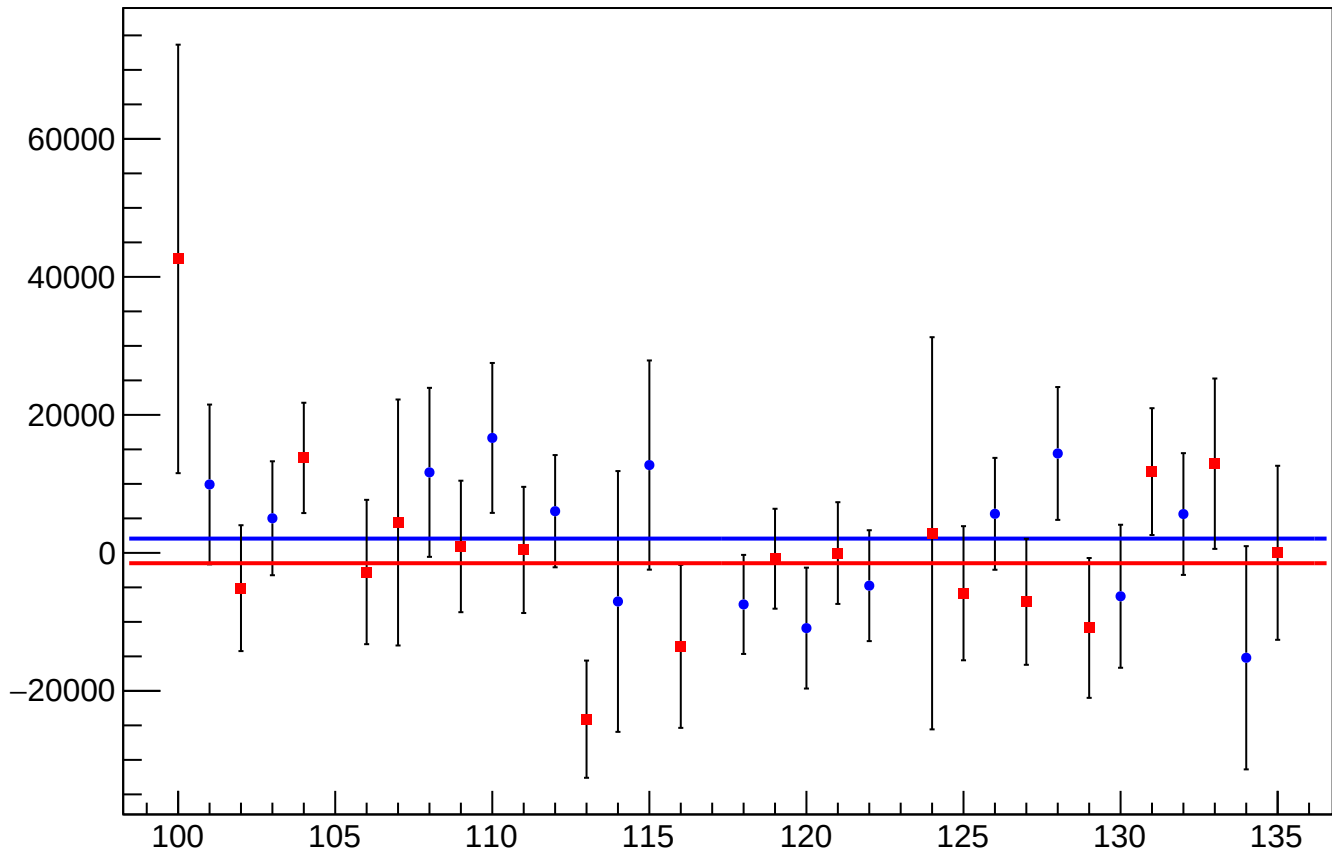
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5744.861+/-1.130 χ^2/NDF : 972554.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_mean vs Slug



Right In: 2071.161 $\pm$ 2504.389 χ^2 /NDF: 12.4/14

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

Right Out: -1497.224 $\pm$ 2352.348 χ^2 /NDF: 19.1/17

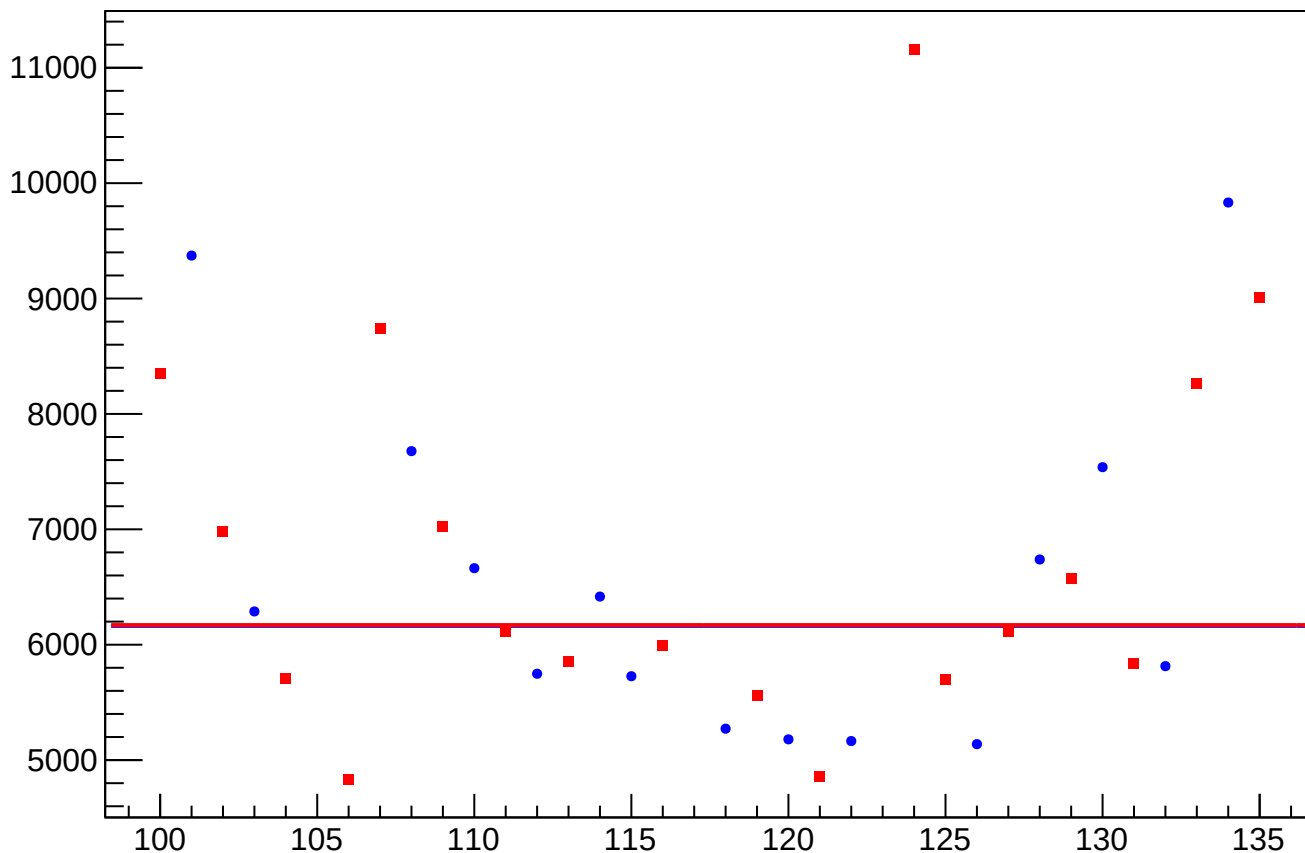
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 175.369 $\pm$ 1714.593 χ^2 /NDF: 32.7/32

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

asym_atl2_rms vs Slug



Right In: 6163.436+/-1.771 χ^2 /NDF: 463354.7/14

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

Right Out: 6170.029+/-1.663 χ^2 /NDF: 434285.6/17

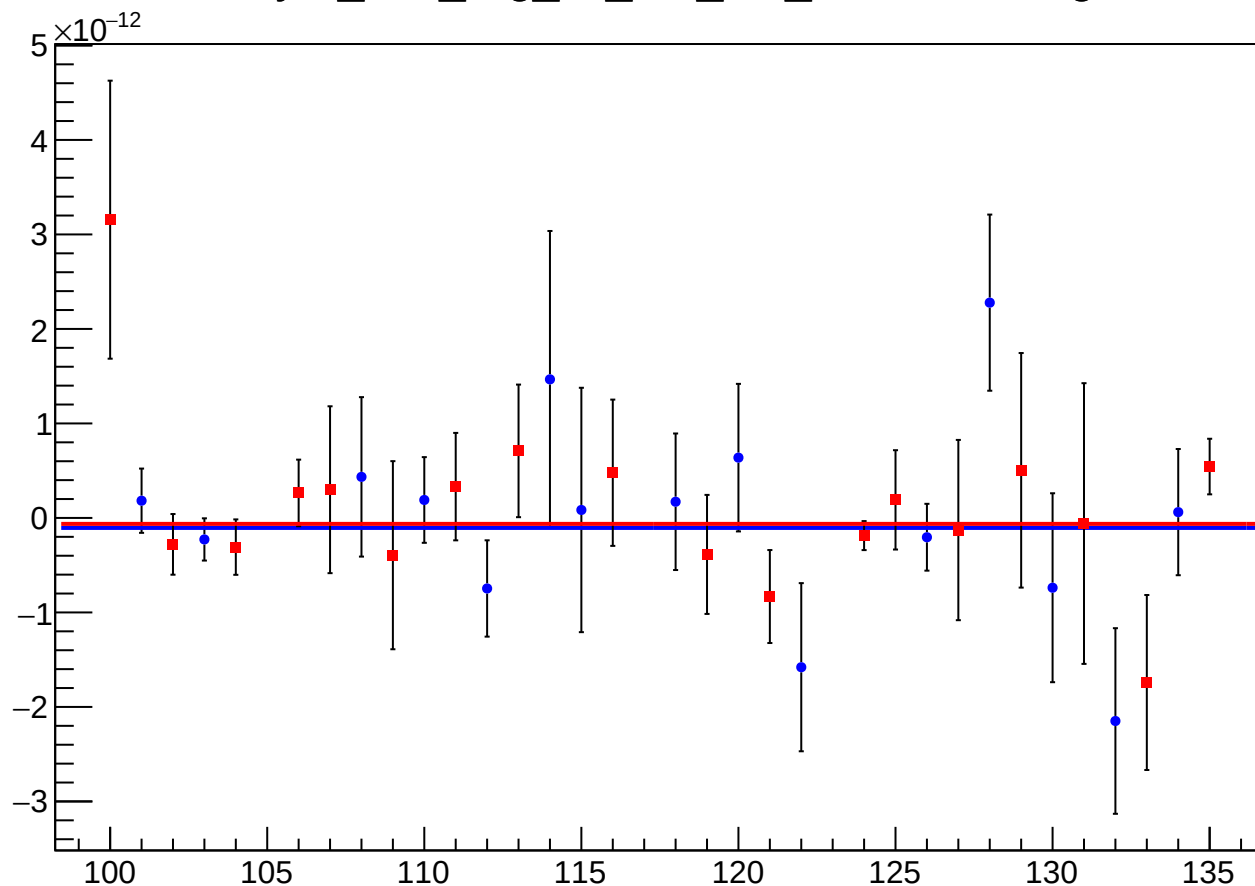
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 6166.938+/-1.212 χ^2 /NDF: 897647.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 19.7/14

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

Right Out: -0.000 ± 0.000 χ^2/NDF : 20.6/17

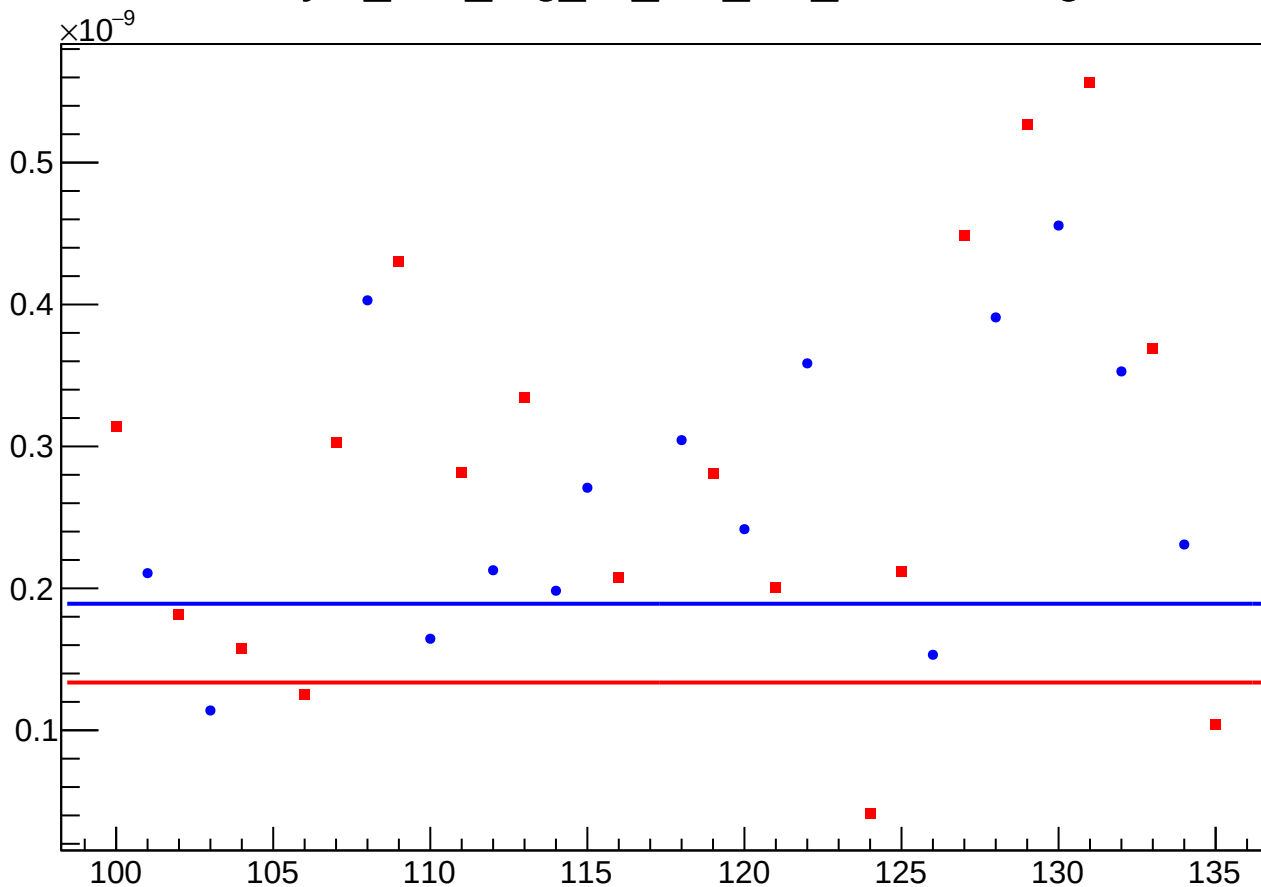
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 40.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 833614.1/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 2303974.4/17

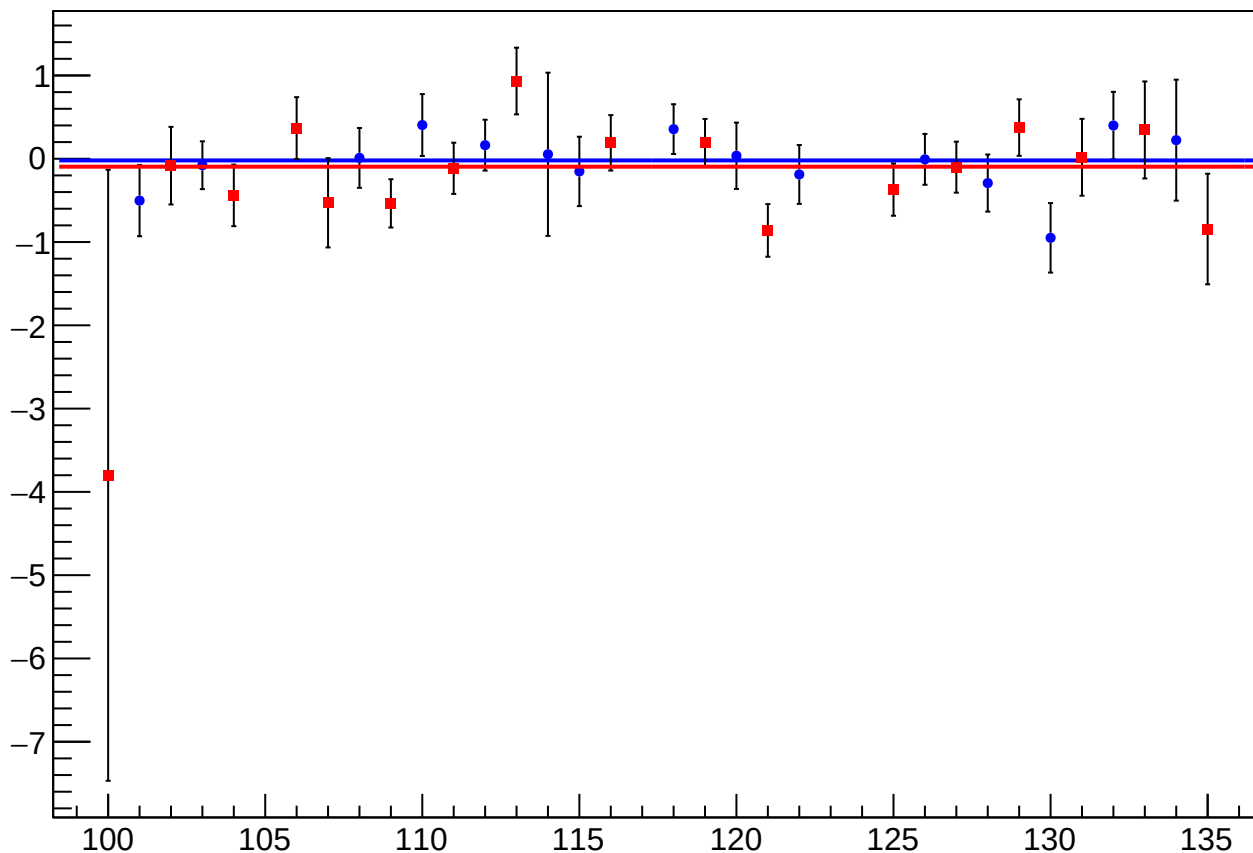
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3369208.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: -0.095 ± 0.090 χ^2/NDF : 25.3/16

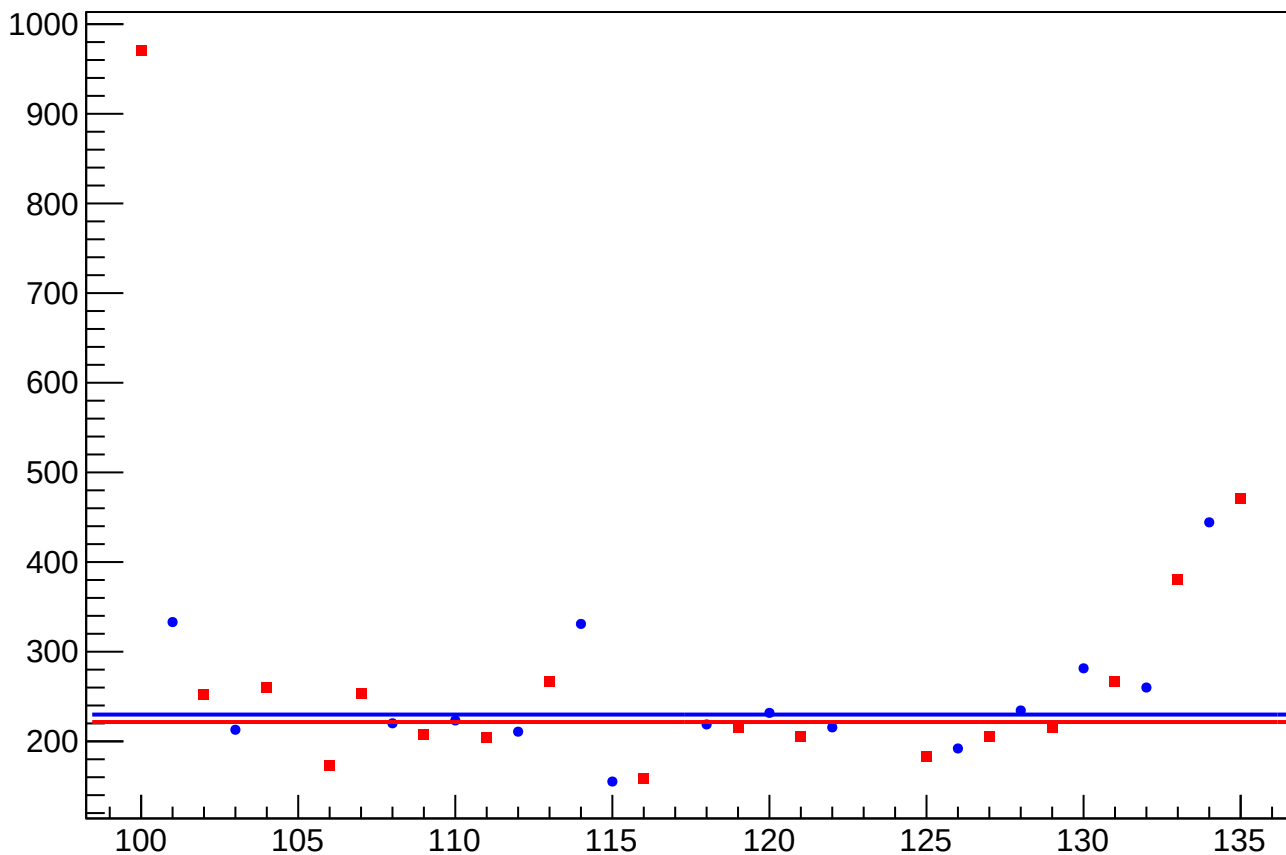
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.066 χ^2/NDF : 37.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_cor_diff_rms vs Slug



Right In: 229.880 +/- 0.068 χ^2/NDF : 471785.6/14

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

Right Out: 221.567 +/- 0.064 χ^2/NDF : 755247.7/16

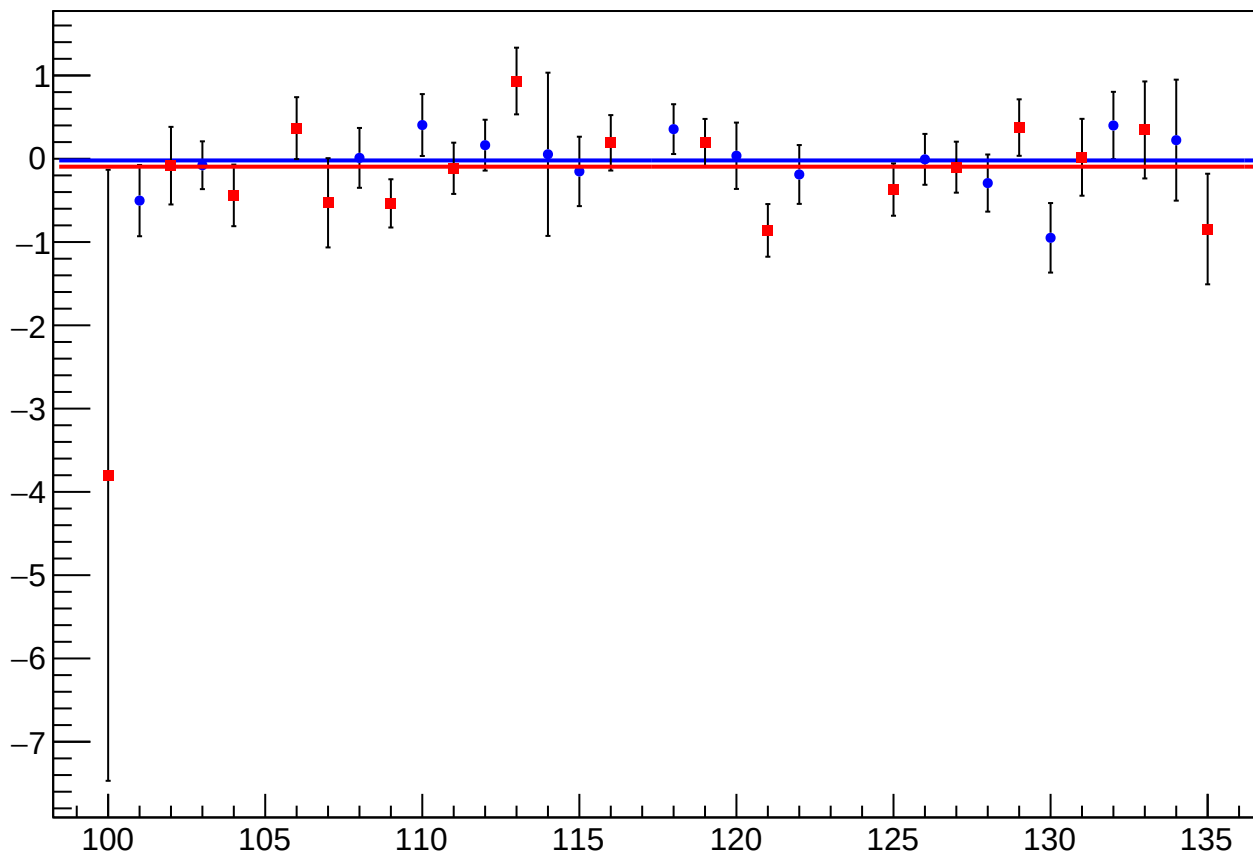
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 225.475 +/- 0.047 χ^2/NDF : 1234988.0/31

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: -0.095 ± 0.090 χ^2/NDF : 25.3/16

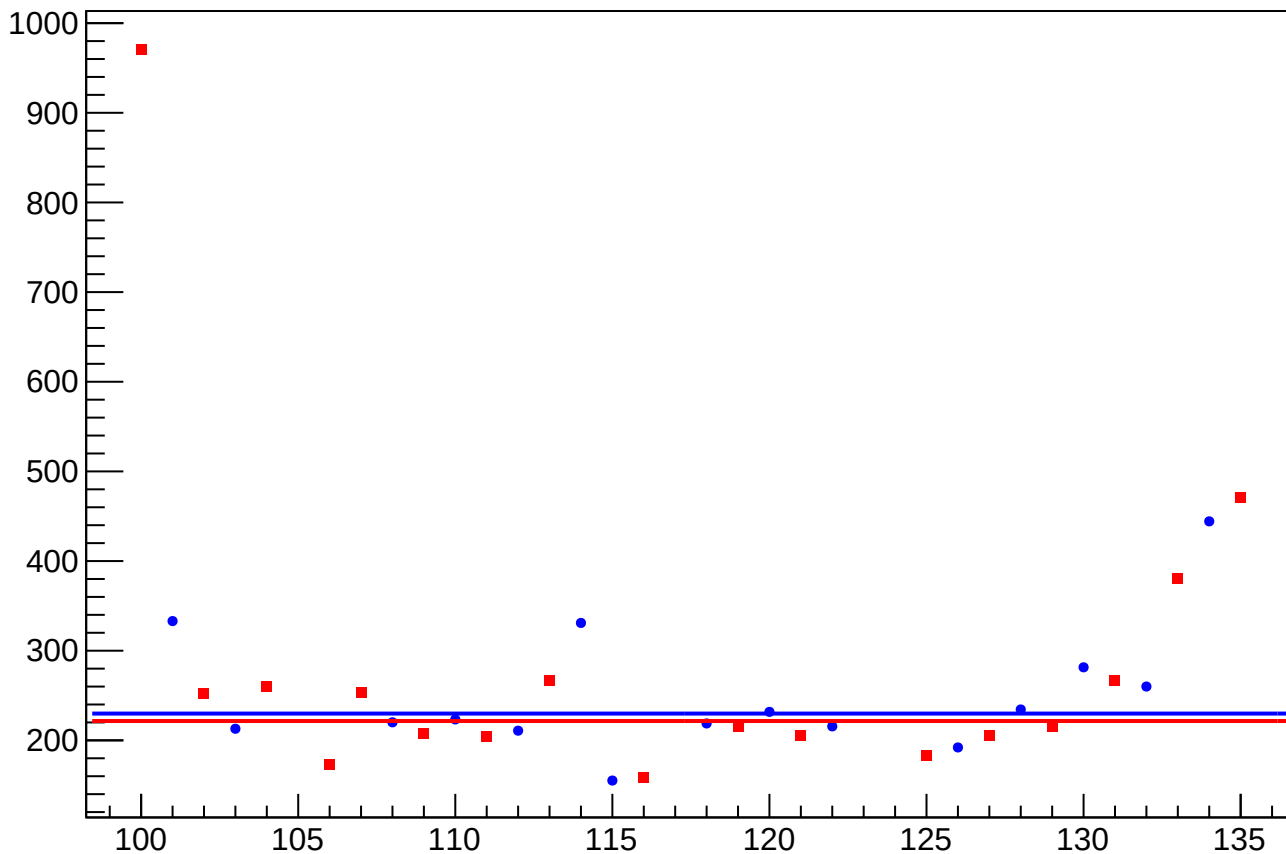
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.066 χ^2/NDF : 37.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 229.880 $\pm$ 0.068 χ^2 /NDF: 471785.6/14

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

Right Out: 221.567 $\pm$ 0.064 χ^2 /NDF: 755247.7/16

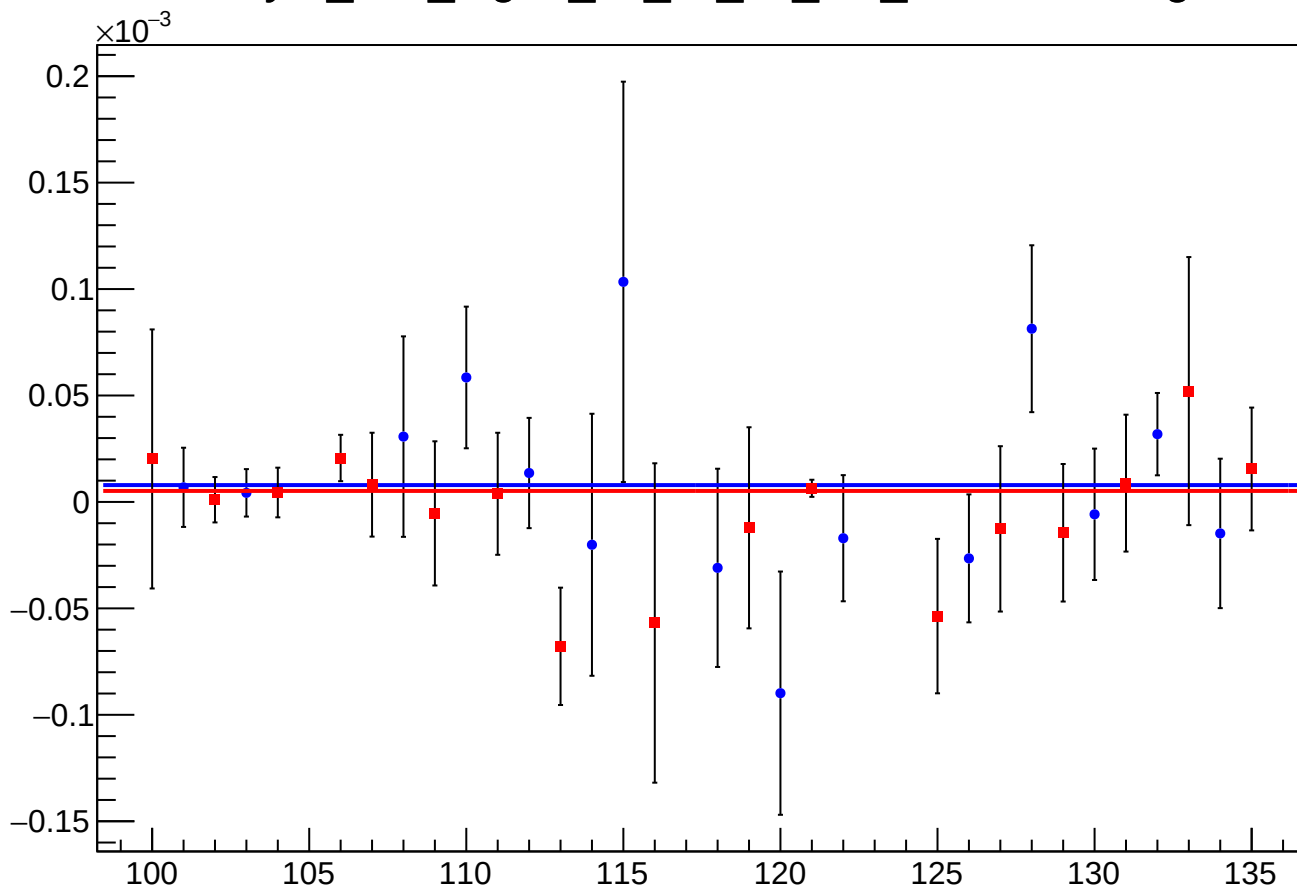
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

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

All: 225.475 $\pm$ 0.047 χ^2 /NDF: 1234988.0/31

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

asym_atl2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/16

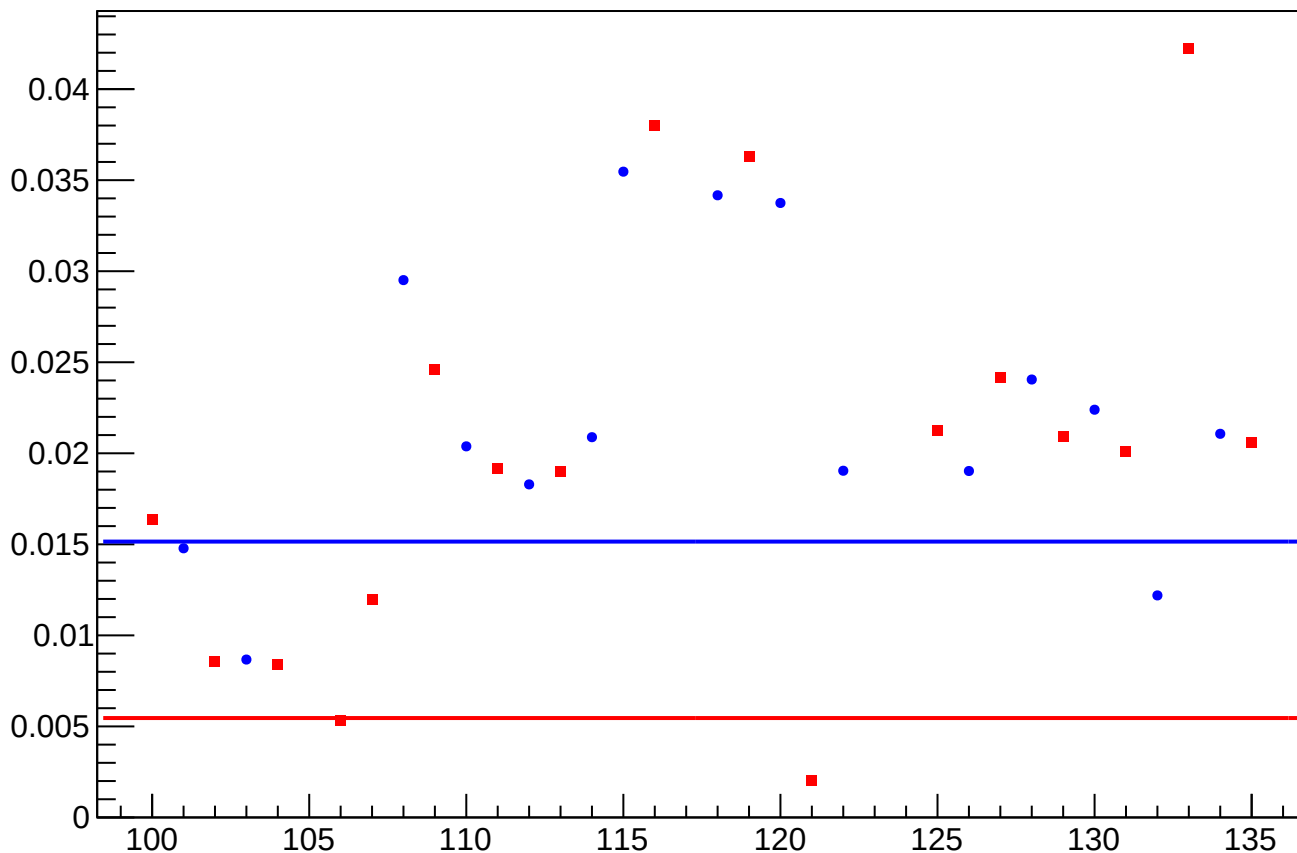
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.6/31

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

asym_atl2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1982032.0/14

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

Right Out: 0.005+/-0.000 χ^2/NDF : 7739590.5/16

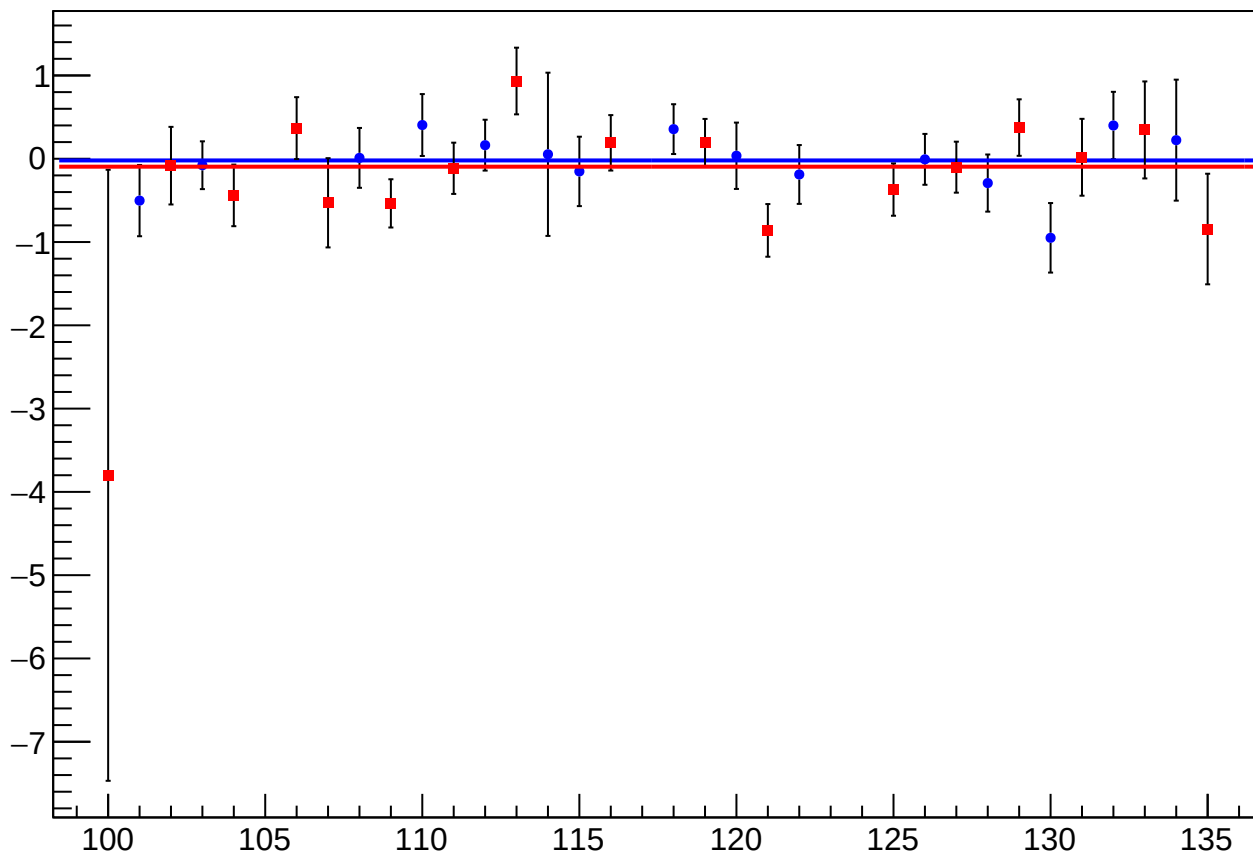
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 13136072.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: -0.095 ± 0.090 χ^2/NDF : 25.3/16

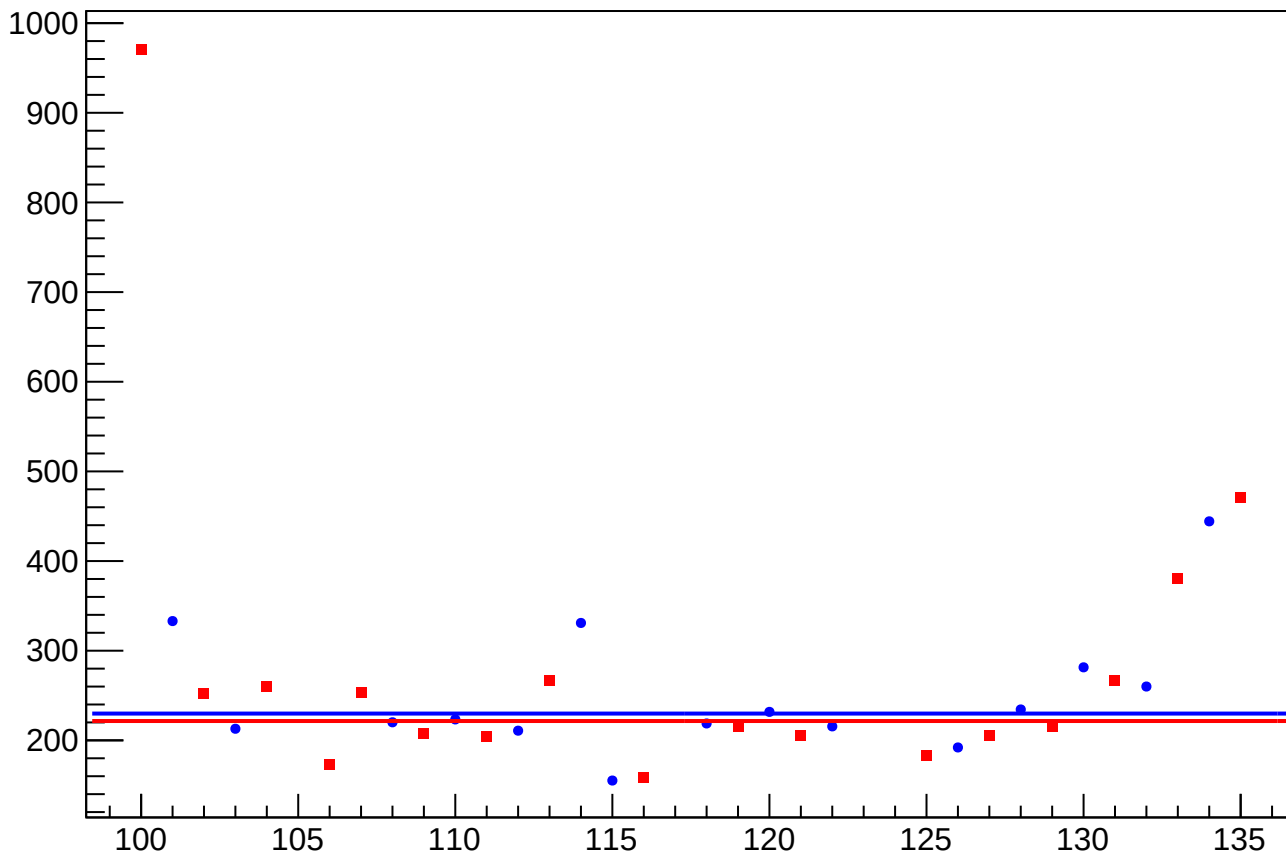
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.066 χ^2/NDF : 37.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 229.881+/-0.068 χ^2/NDF : 471739.8/14

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

Right Out: 221.569+/-0.064 χ^2/NDF : 755186.4/16

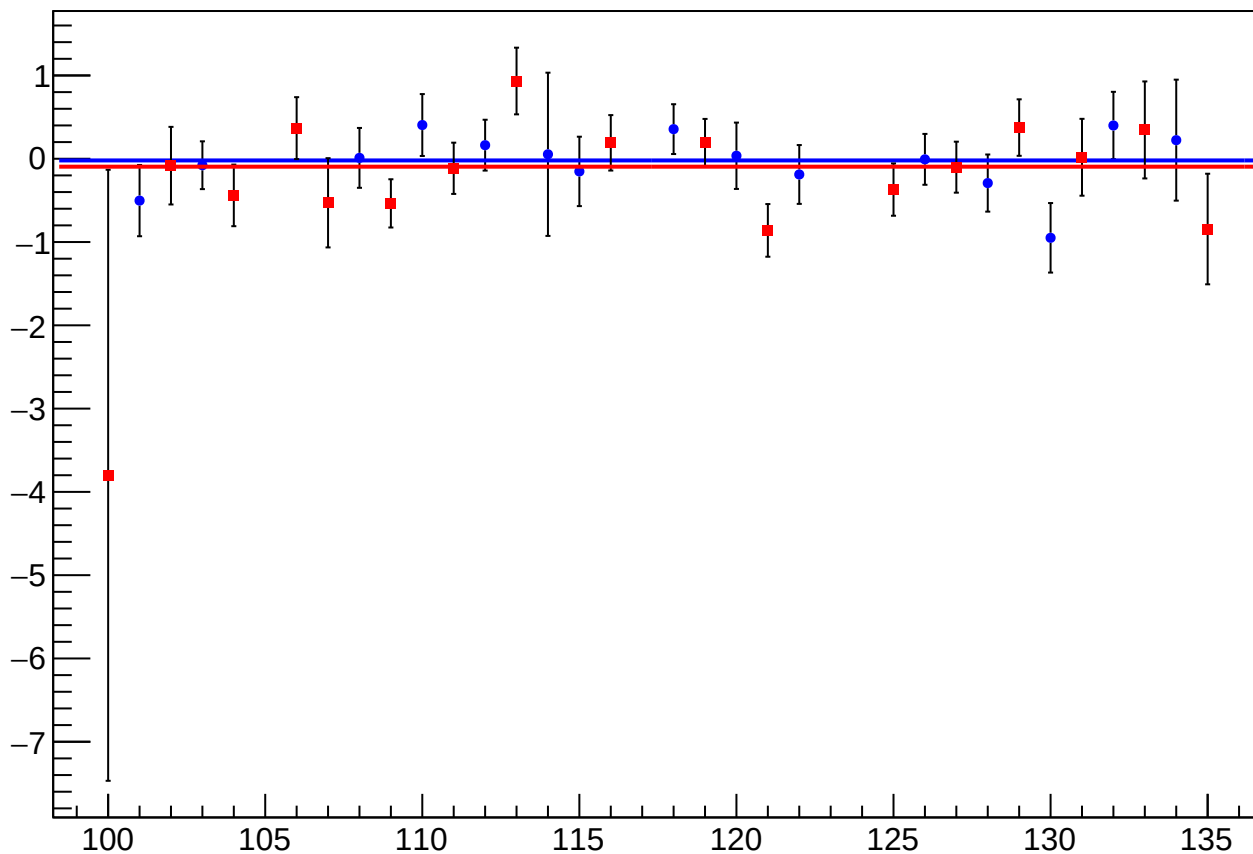
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.476+/-0.047 χ^2/NDF : 1234879.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.020 ± 0.096 χ^2/NDF : 11.7/14

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

Right Out: -0.095 ± 0.090 χ^2/NDF : 25.3/16

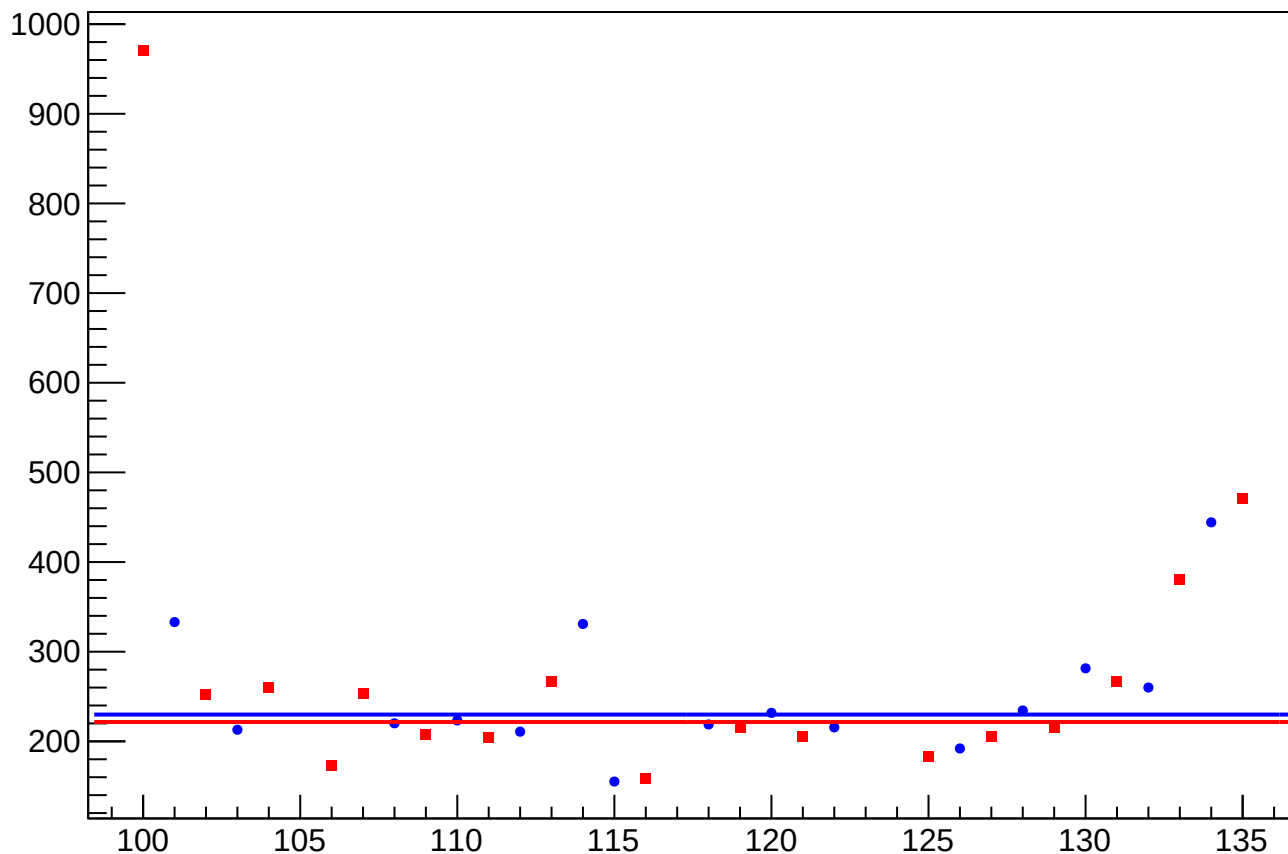
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.060 ± 0.066 χ^2/NDF : 37.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 229.881+/-0.068 χ^2/NDF : 471739.8/14

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

Right Out: 221.569+/-0.064 χ^2/NDF : 755186.4/16

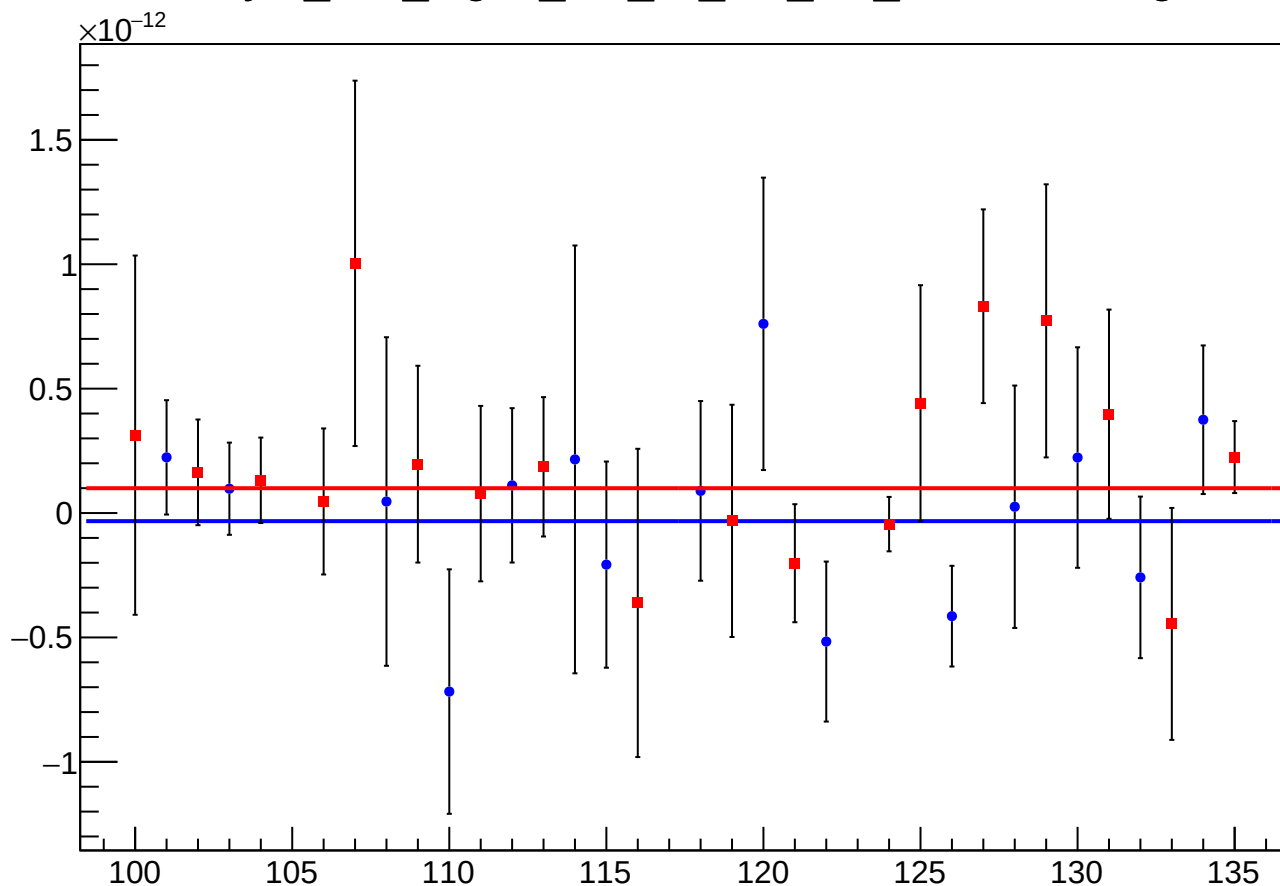
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.476+/-0.047 χ^2/NDF : 1234879.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 14.6/14

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

Right Out: 0.000+/-0.000 χ^2/NDF : 14.1/17

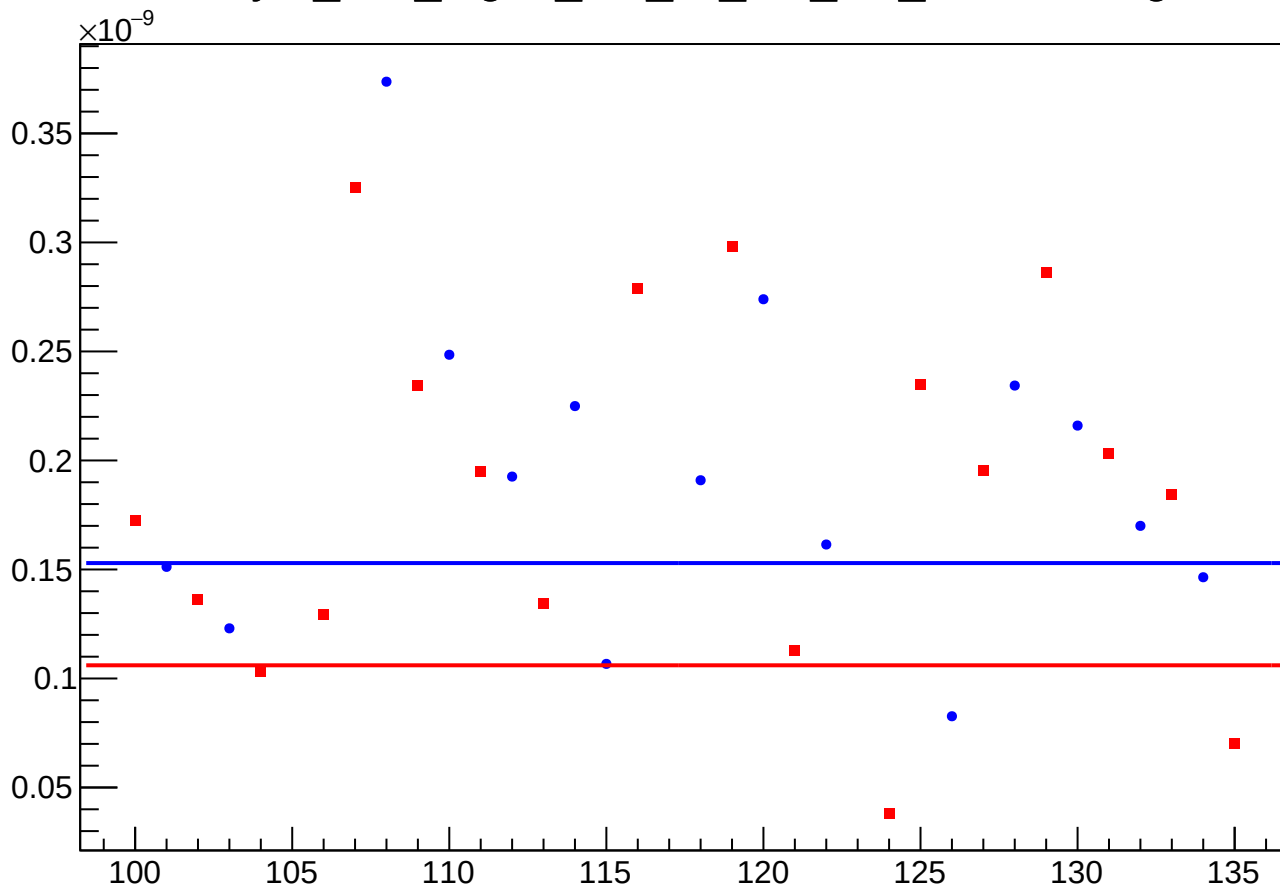
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 875358.2/14

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

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2630148.5/17

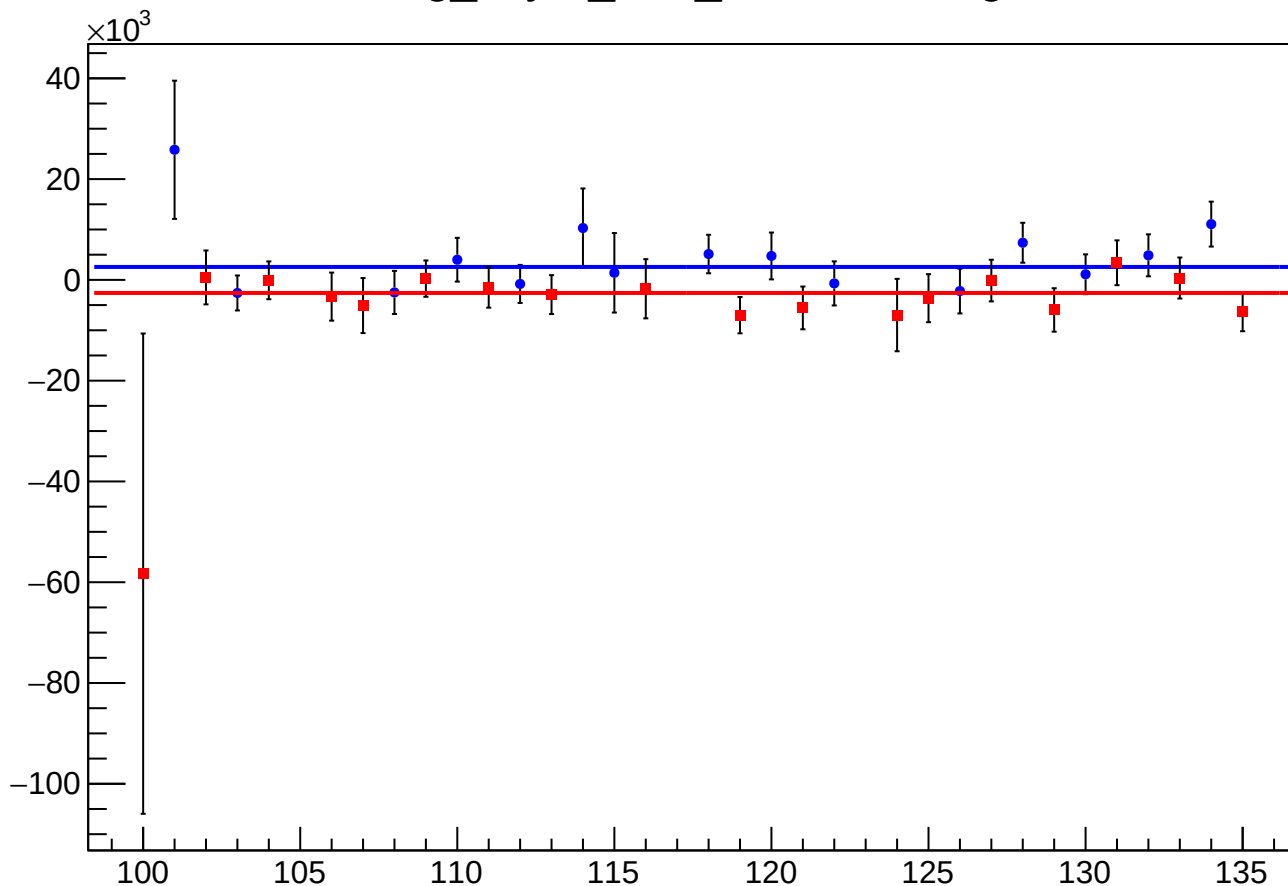
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

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

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3928580.5/32

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

reg_asym_atr1_mean vs Slug



Right In: 2568.430 $\pm$ 1153.097 χ^2 /NDF: 16.3/14

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

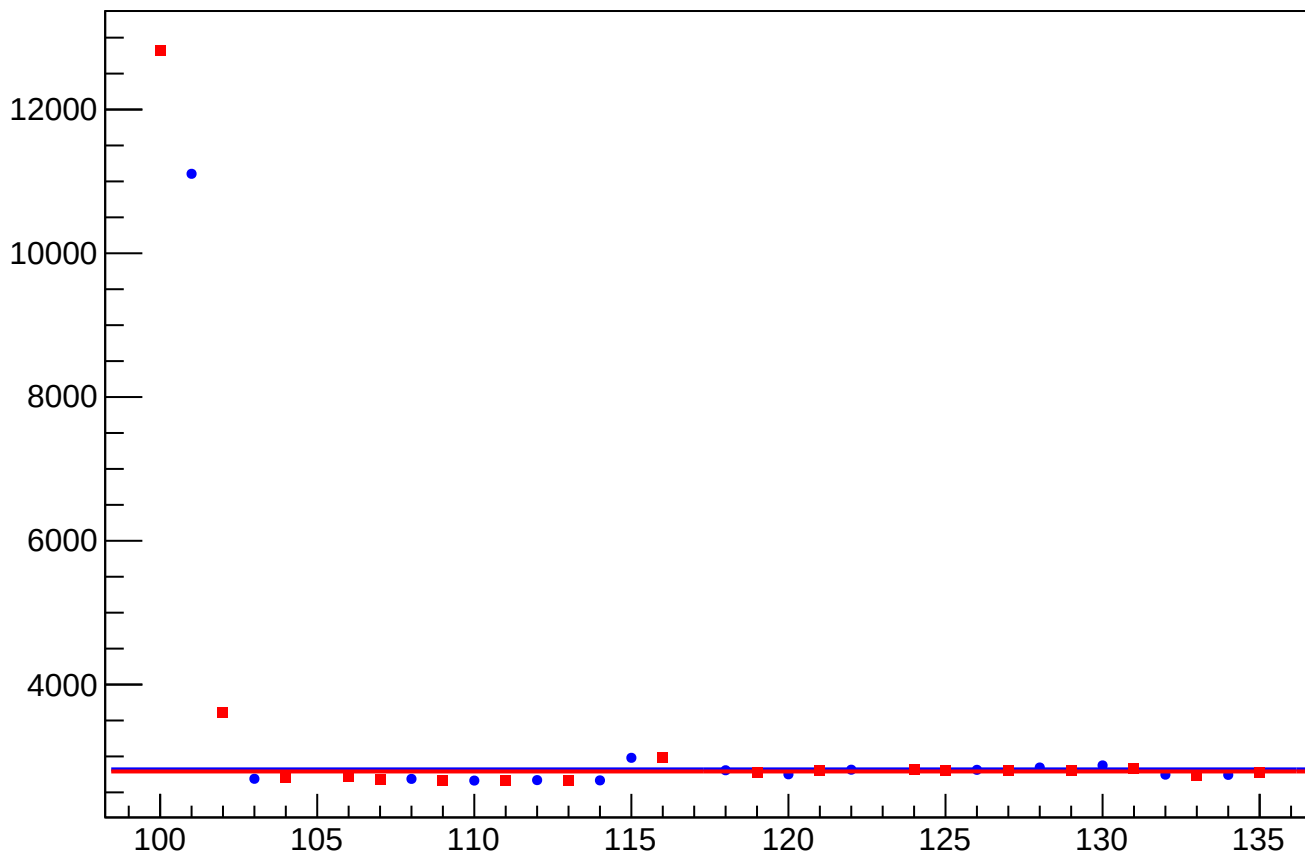
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -252.080 $\pm$ 776.751 χ^2 /NDF: 37.0/32

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

reg_asym_atr1_rms vs Slug



Right In: 2819.669 $\pm$ 0.815 χ^2 /NDF: 744040.3/14

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

Right Out: 2790.794 $\pm$ 0.743 χ^2 /NDF: 146757.5/17

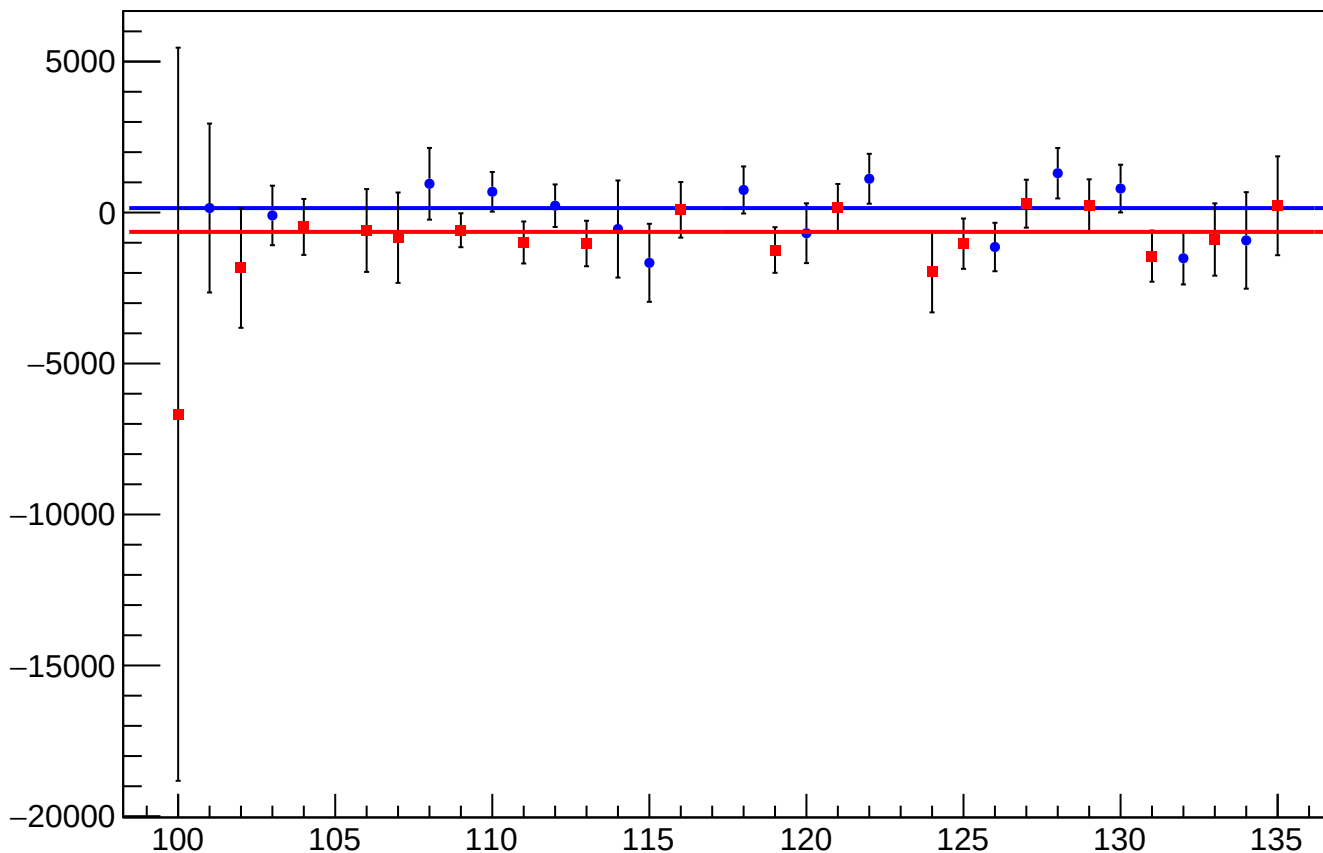
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2803.897 $\pm$ 0.549 χ^2 /NDF: 891482.8/32

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

asym_atr1_reg_correction_mean vs Slug



Right In: 147.482 $\pm$ 238.195 χ^2 /NDF: 15.3/14

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

Right Out: -640.587 $\pm$ 216.643 χ^2 /NDF: 8.3/17

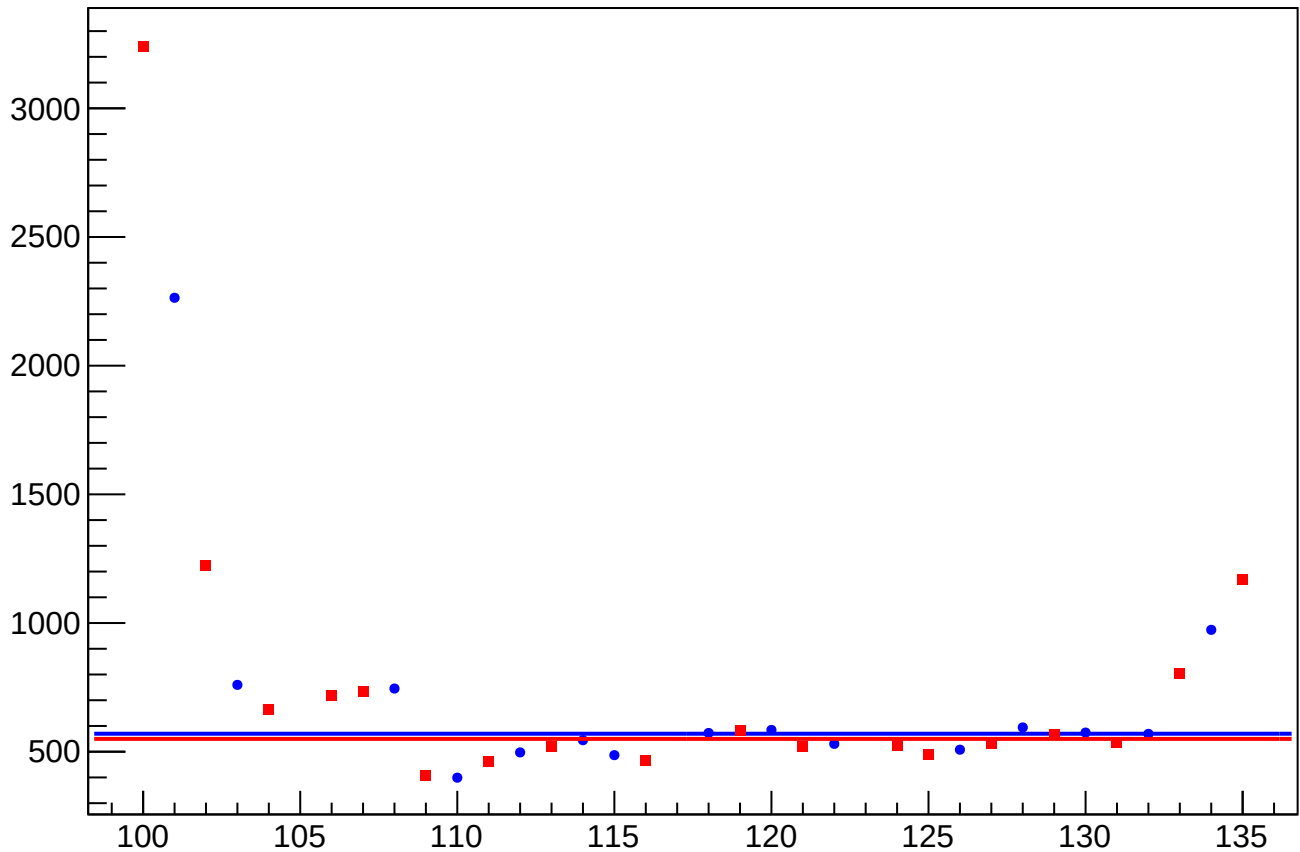
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -283.810 $\pm$ 160.269 χ^2 /NDF: 29.6/32

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

asym_atr1_reg_correction_rms vs Slug



Right In: 569.842 $\pm$ 0.168 χ^2 /NDF: 1163241.2/14

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

Right Out: 549.745 $\pm$ 0.153 χ^2 /NDF: 997531.9/17

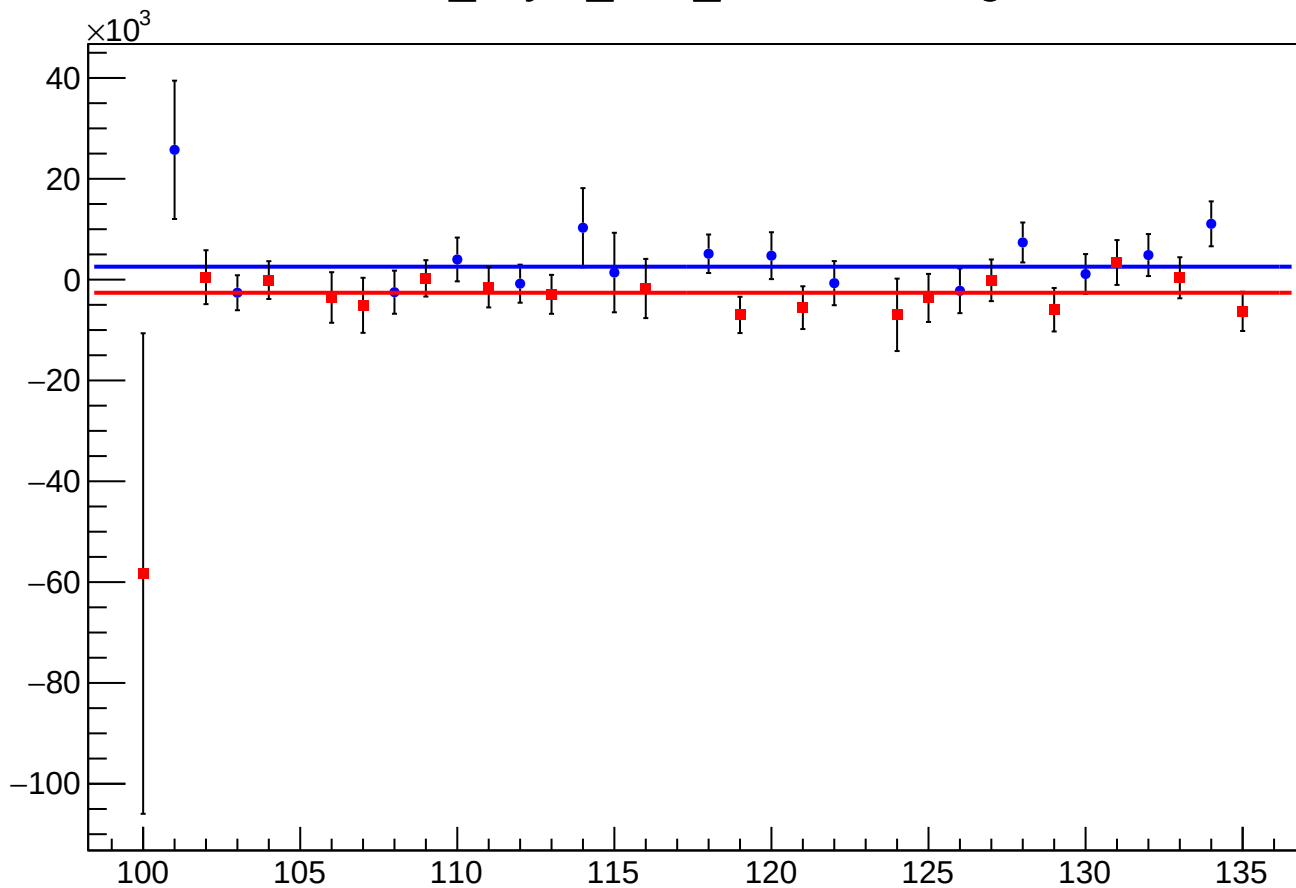
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 558.843 $\pm$ 0.113 χ^2 /NDF: 2168564.3/32

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

cor_asym_atr1_mean vs Slug



Right In: 2567.495 $\pm$ 1153.098 χ^2 /NDF: 16.3/14

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

Right Out: -2602.270 $\pm$ 1053.469 χ^2 /NDF: 9.7/17

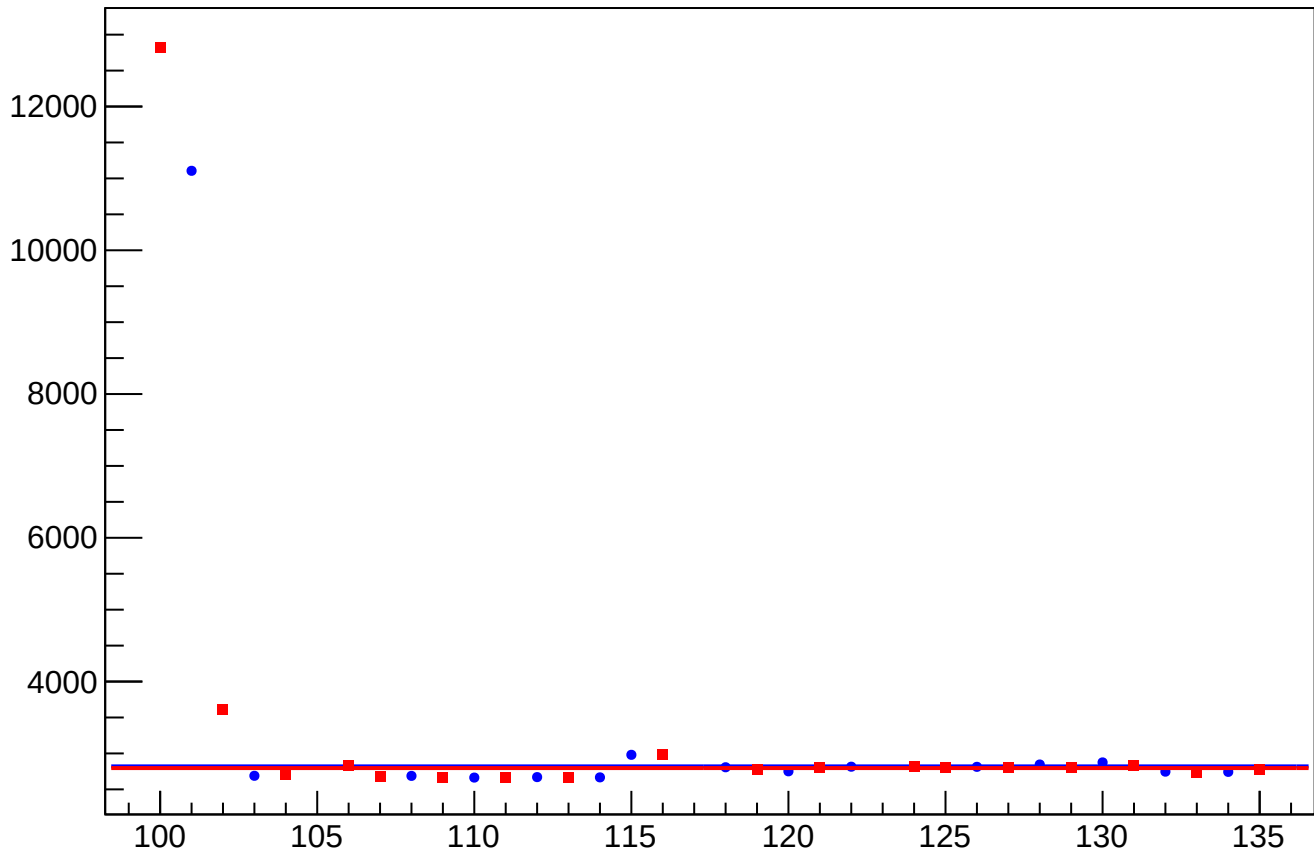
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: -250.332 $\pm$ 777.756 χ^2 /NDF: 37.0/32

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

cor_asym_atr1_rms vs Slug



Right In: 2819.669 $\pm$ 0.815 χ^2 /NDF: 744039.4/14

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

Right Out: 2796.302 $\pm$ 0.745 χ^2 /NDF: 146462.5/17

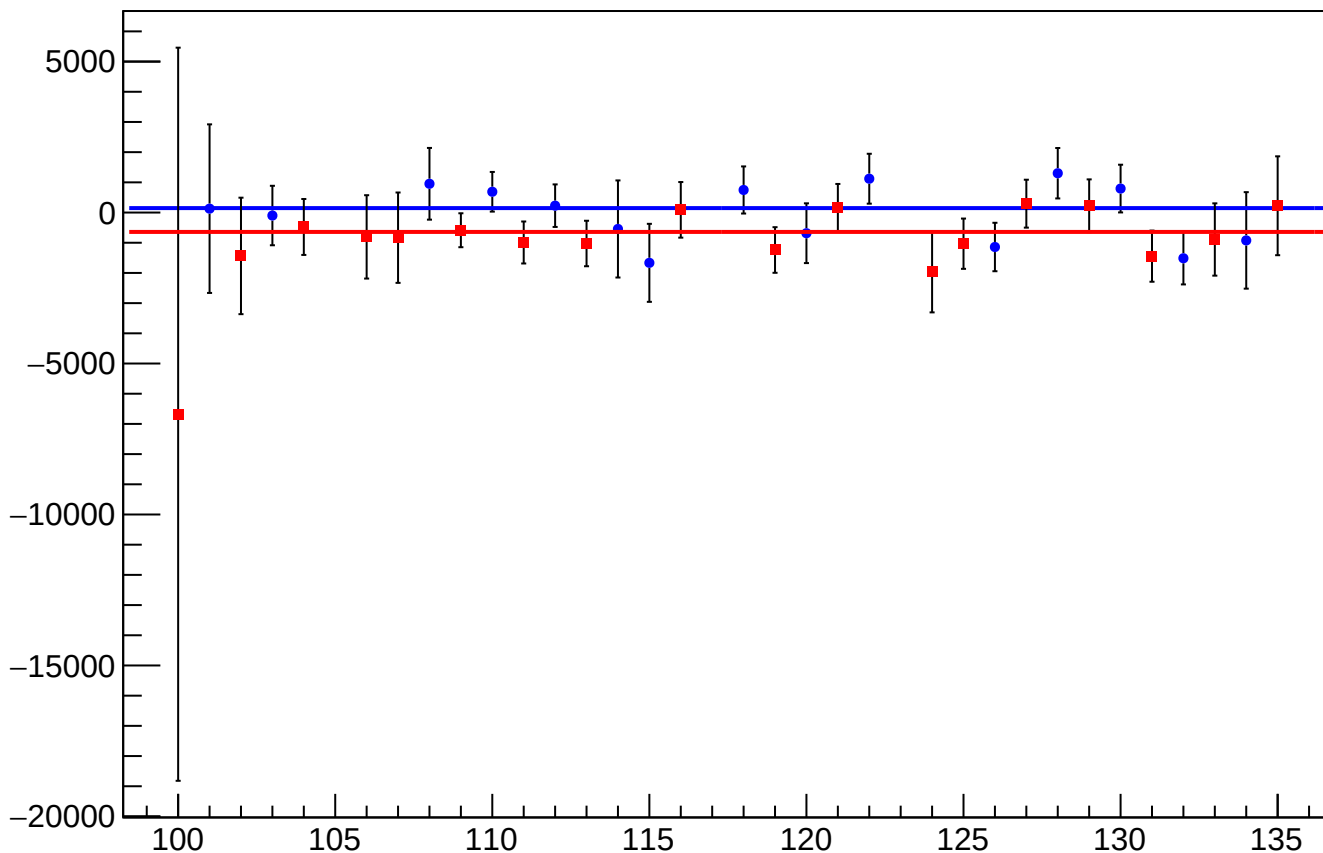
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

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

All: 2806.933 $\pm$ 0.550 χ^2 /NDF: 890949.6/32

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

asym_atr1_cor_correction_mean vs Slug



Right In: 147.412 $\pm$ 238.183 χ^2 /NDF: 15.3/14

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

Right Out: -641.699 $\pm$ 216.596 χ^2 /NDF: 8.1/17

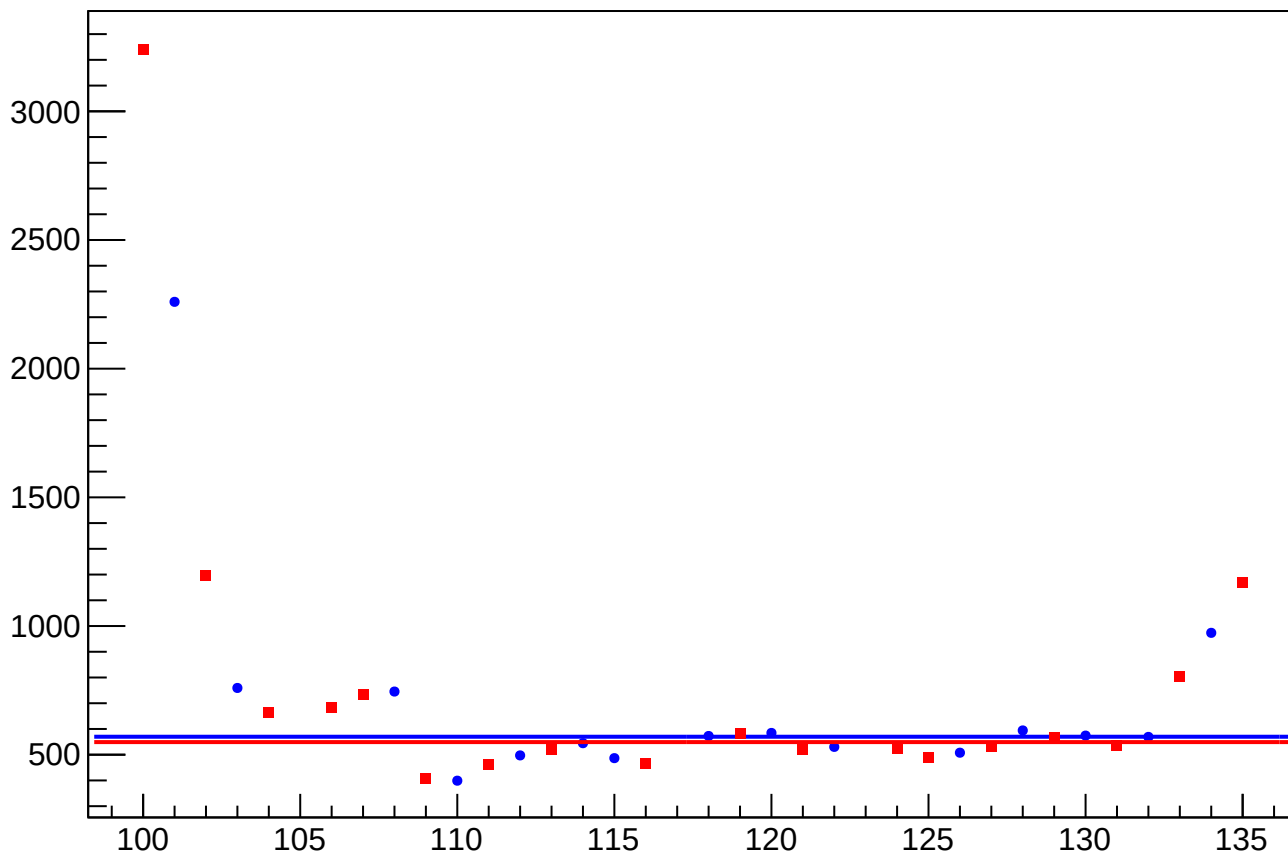
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -284.515 $\pm$ 160.246 χ^2 /NDF: 29.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_cor_correction_rms vs Slug



Right In: 569.842 $\pm$ 0.168 χ^2 /NDF: 1162234.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 548.994 $\pm$ 0.153 χ^2 /NDF: 981988.9/17

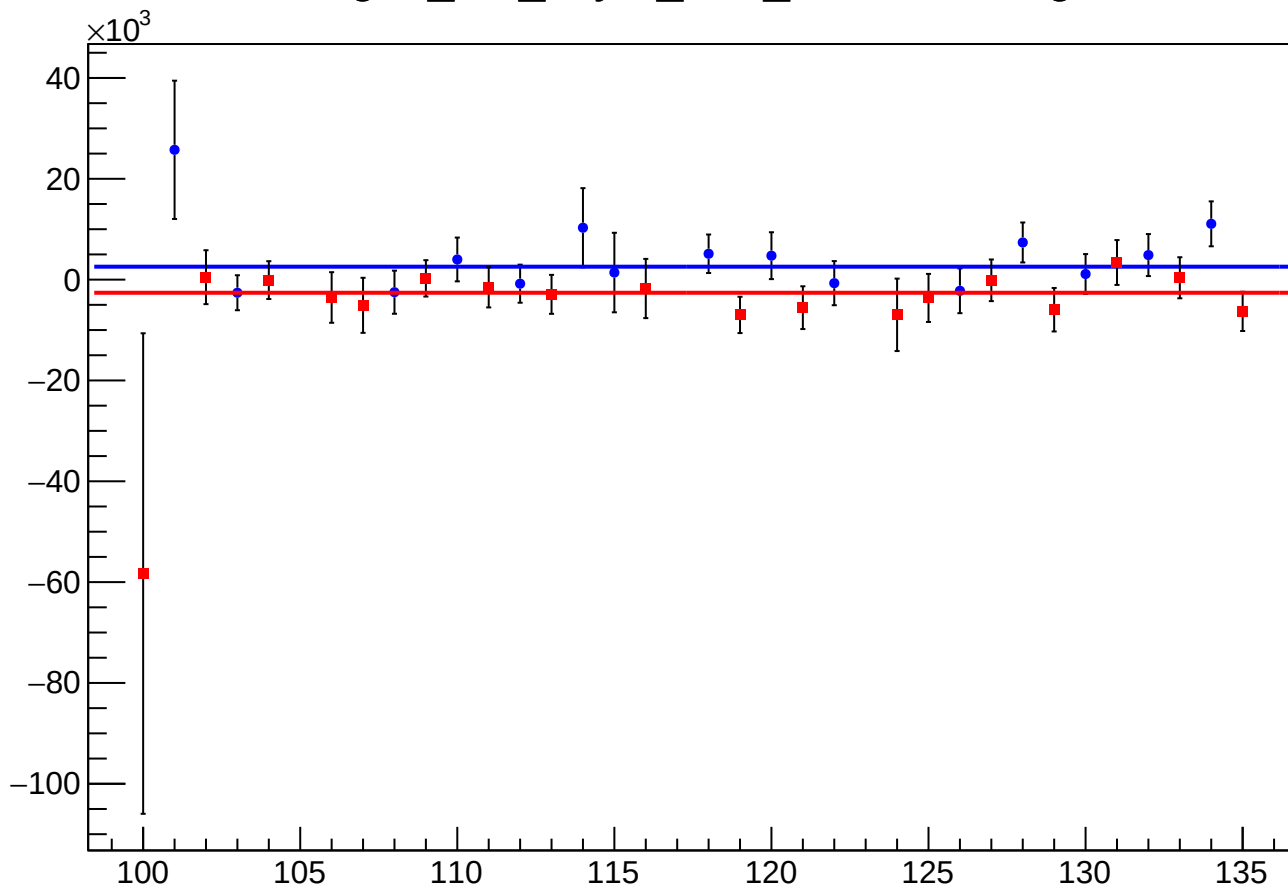
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 558.430 $\pm$ 0.113 χ^2 /NDF: 2152610.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1_mean vs Slug



Right In: 2567.495 $\pm$ 1153.098 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2602.270 $\pm$ 1053.469 χ^2 /NDF: 9.7/17

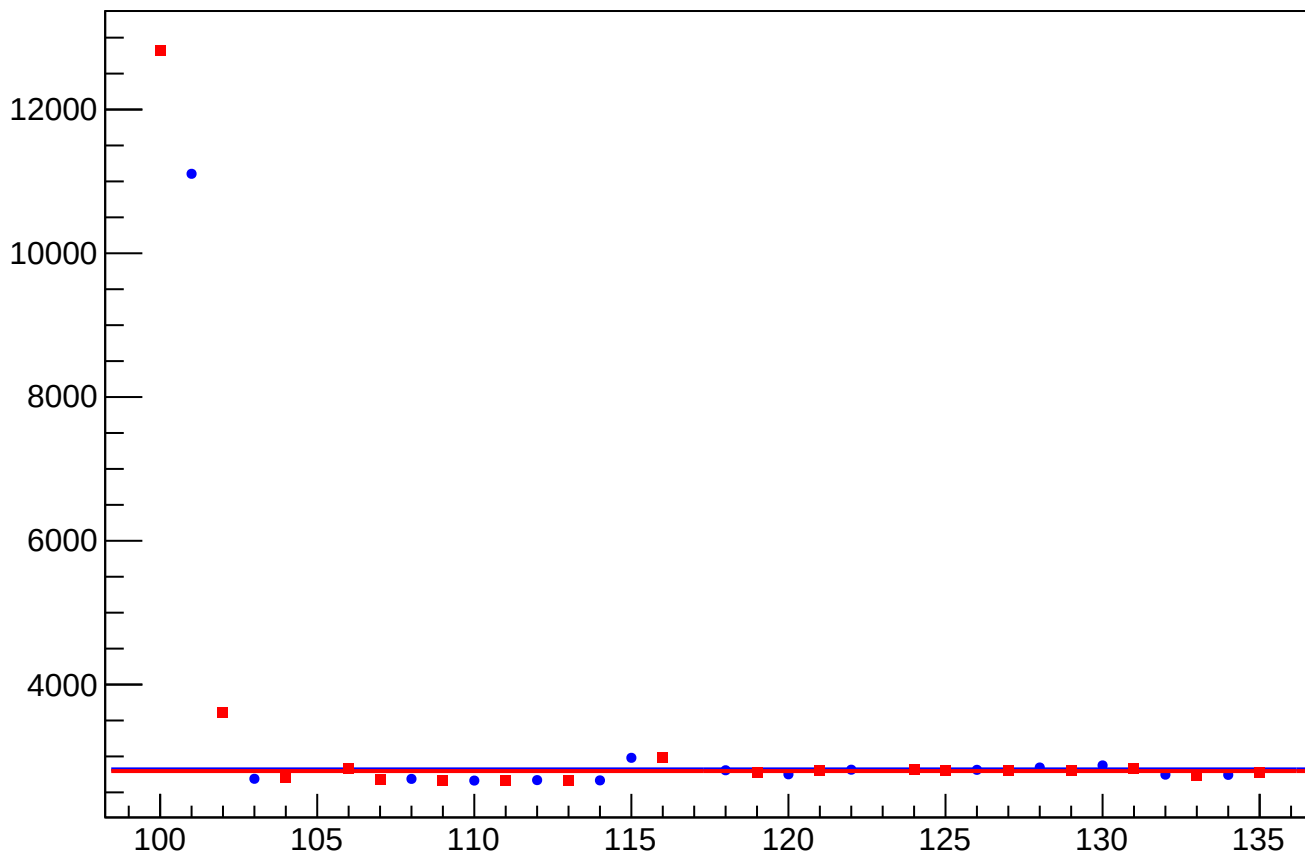
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -250.332 $\pm$ 777.756 χ^2 /NDF: 37.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1_rms vs Slug



Right In: 2819.669 $\pm$ 0.815 χ^2 /NDF: 744039.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2796.302 $\pm$ 0.745 χ^2 /NDF: 146462.5/17

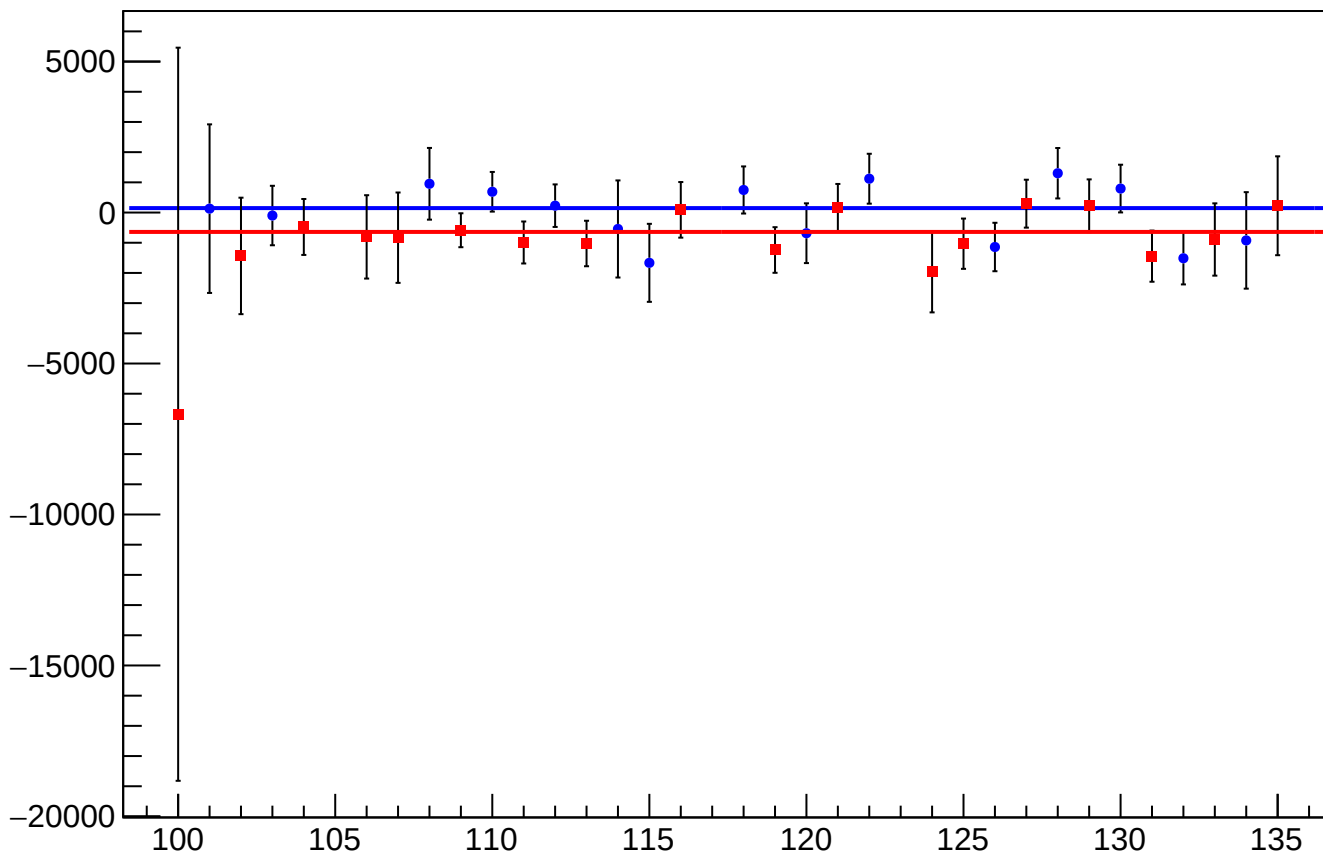
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2806.933 $\pm$ 0.550 χ^2 /NDF: 890949.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_correction_mean vs Slug



Right In: 147.412 $\pm$ 238.183 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -641.699 $\pm$ 216.596 χ^2 /NDF: 8.1/17

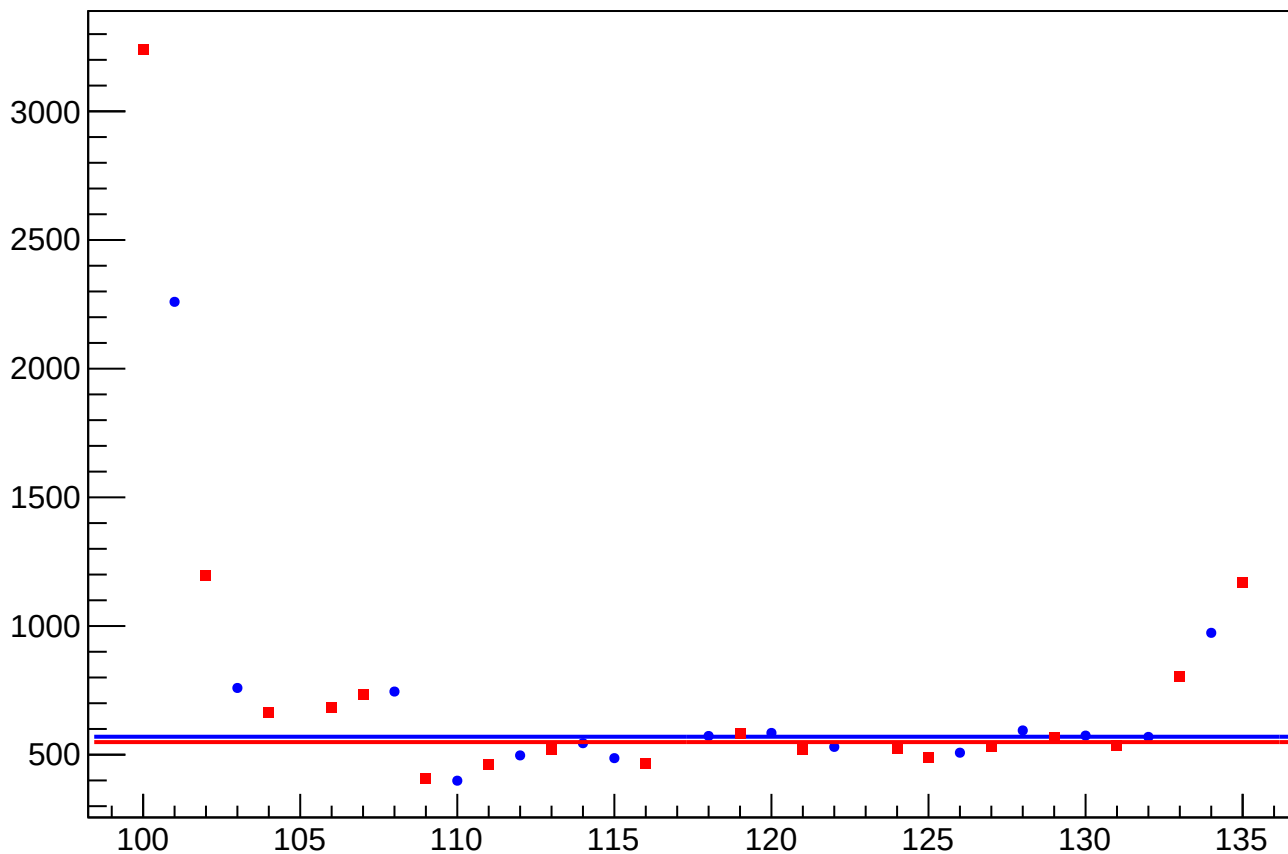
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -284.515 $\pm$ 160.246 χ^2 /NDF: 29.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_correction_rms vs Slug



Right In: 569.842 $\pm$ 0.168 χ^2 /NDF: 1162234.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 548.994 $\pm$ 0.153 χ^2 /NDF: 981988.9/17

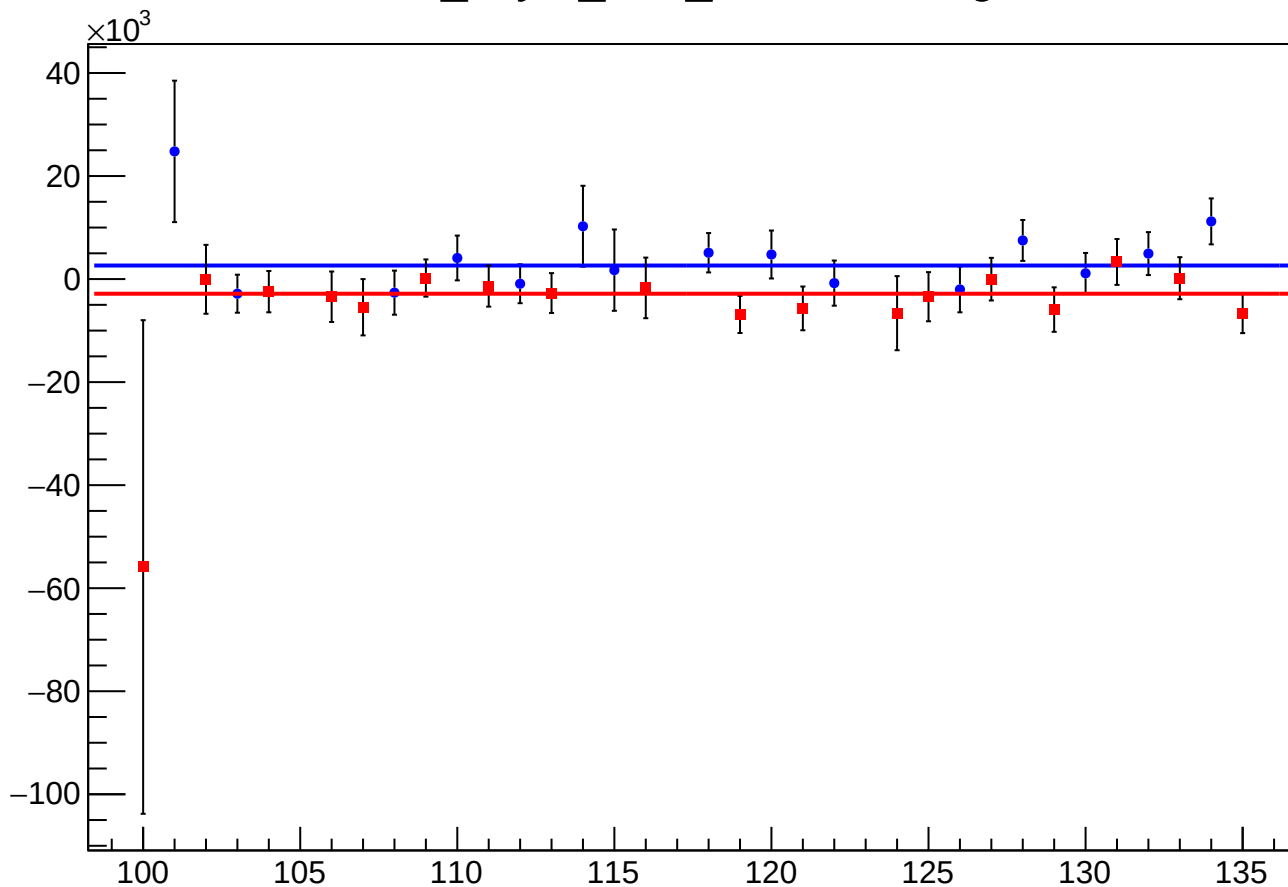
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 558.430 $\pm$ 0.113 χ^2 /NDF: 2152610.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1_mean vs Slug



Right In: 2628.709 $\pm$ 1161.302 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2844.488 $\pm$ 1065.924 χ^2 /NDF: 8.9/17

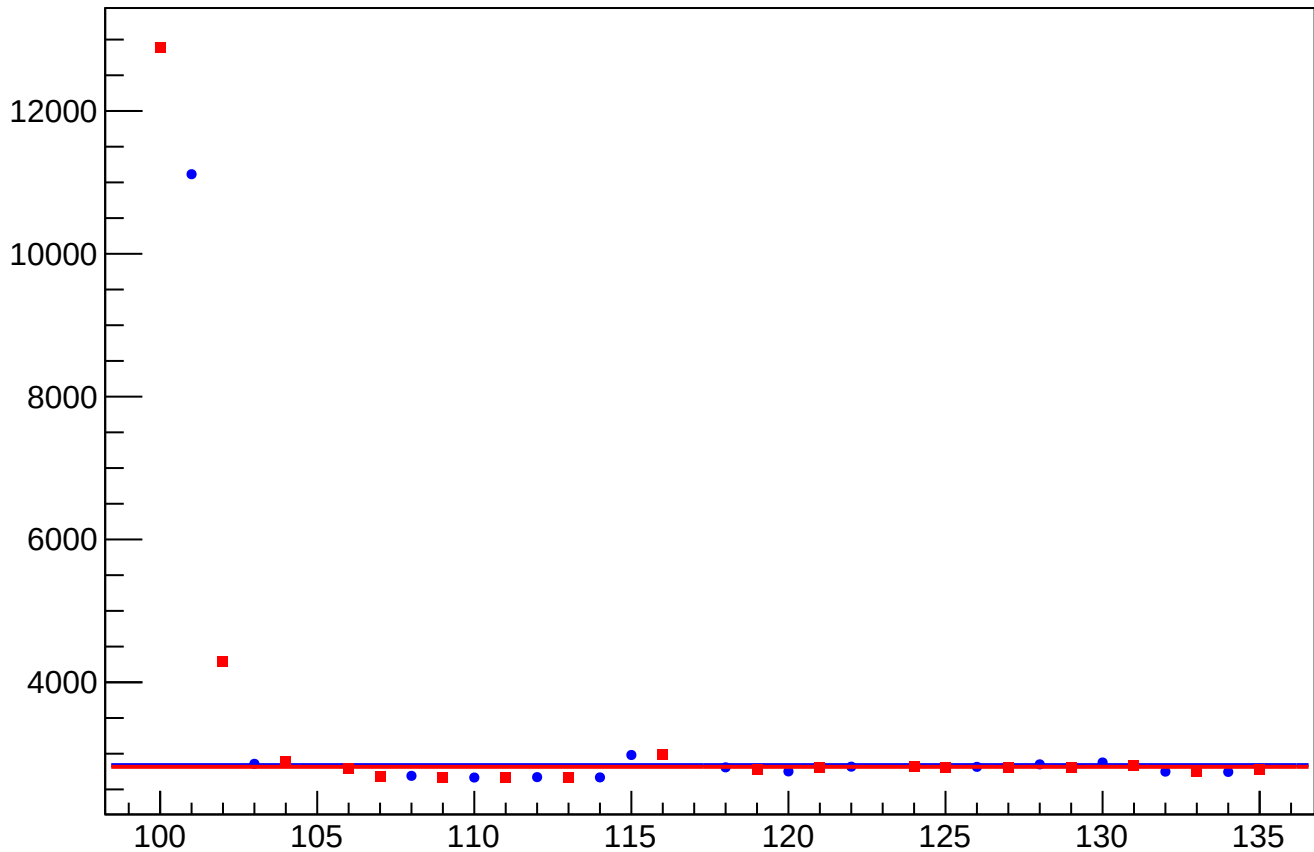
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -341.841 $\pm$ 785.280 χ^2 /NDF: 37.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1_rms vs Slug



Right In: 2840.066+/-0.821 χ^2 /NDF: 740982.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 2816.317+/-0.754 χ^2 /NDF: 200145.2/17

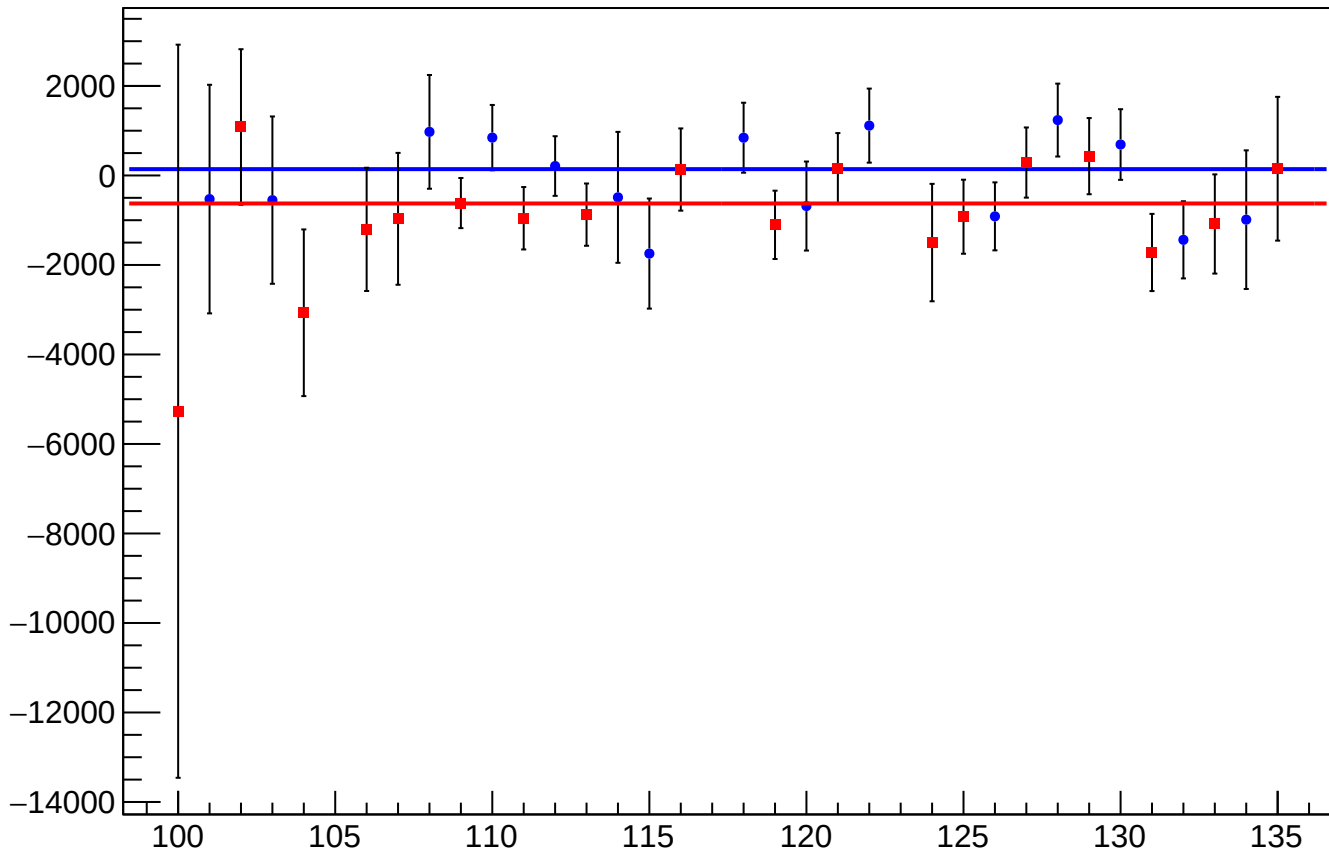
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 2827.177+/-0.555 χ^2 /NDF: 941582.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_correction_mean vs Slug



Right In: 141.088 $\pm$ 242.317 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -626.130 $\pm$ 217.895 χ^2 /NDF: 11.2/17

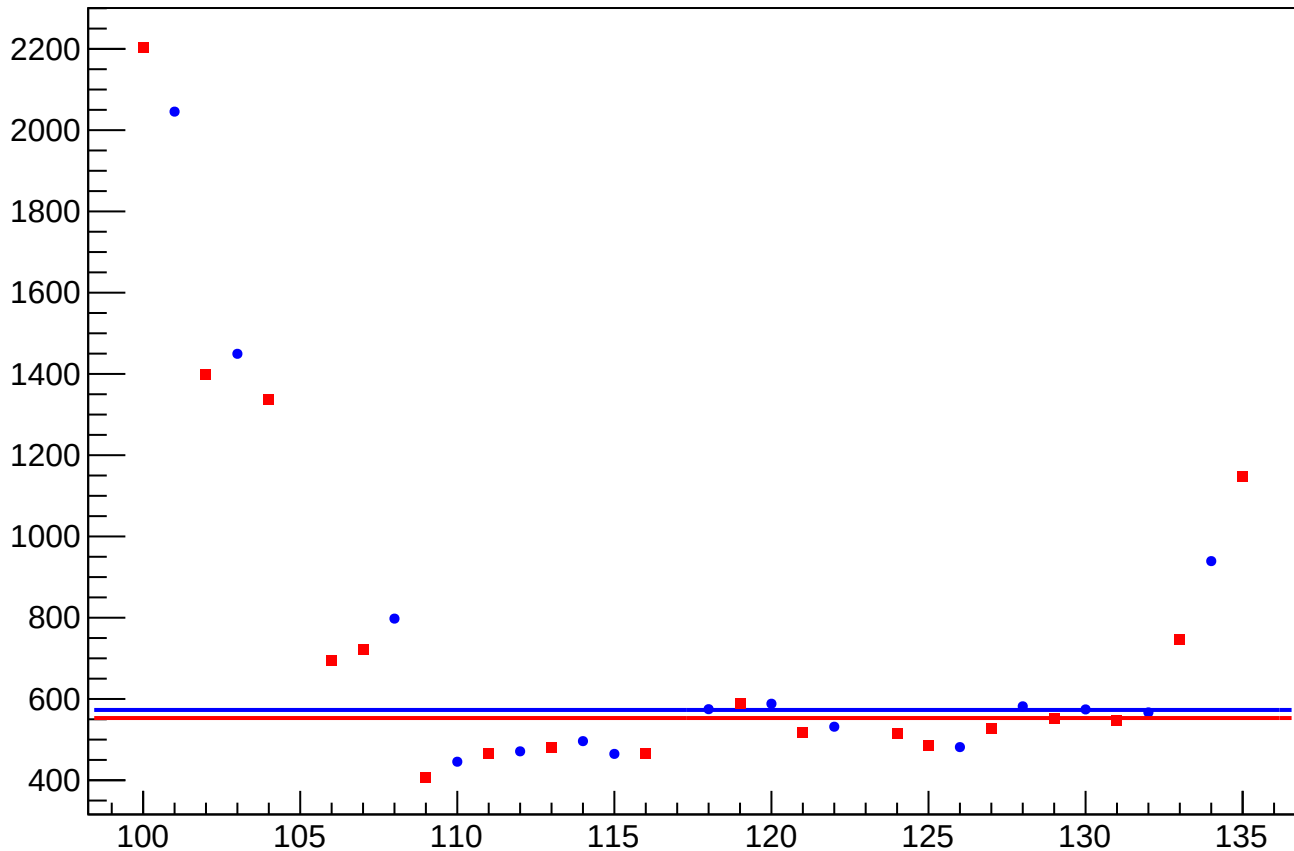
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -283.120 $\pm$ 162.023 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_correction_rms vs Slug



Right In: 572.986 $\pm$ 0.171 χ^2 /NDF: 1442480.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

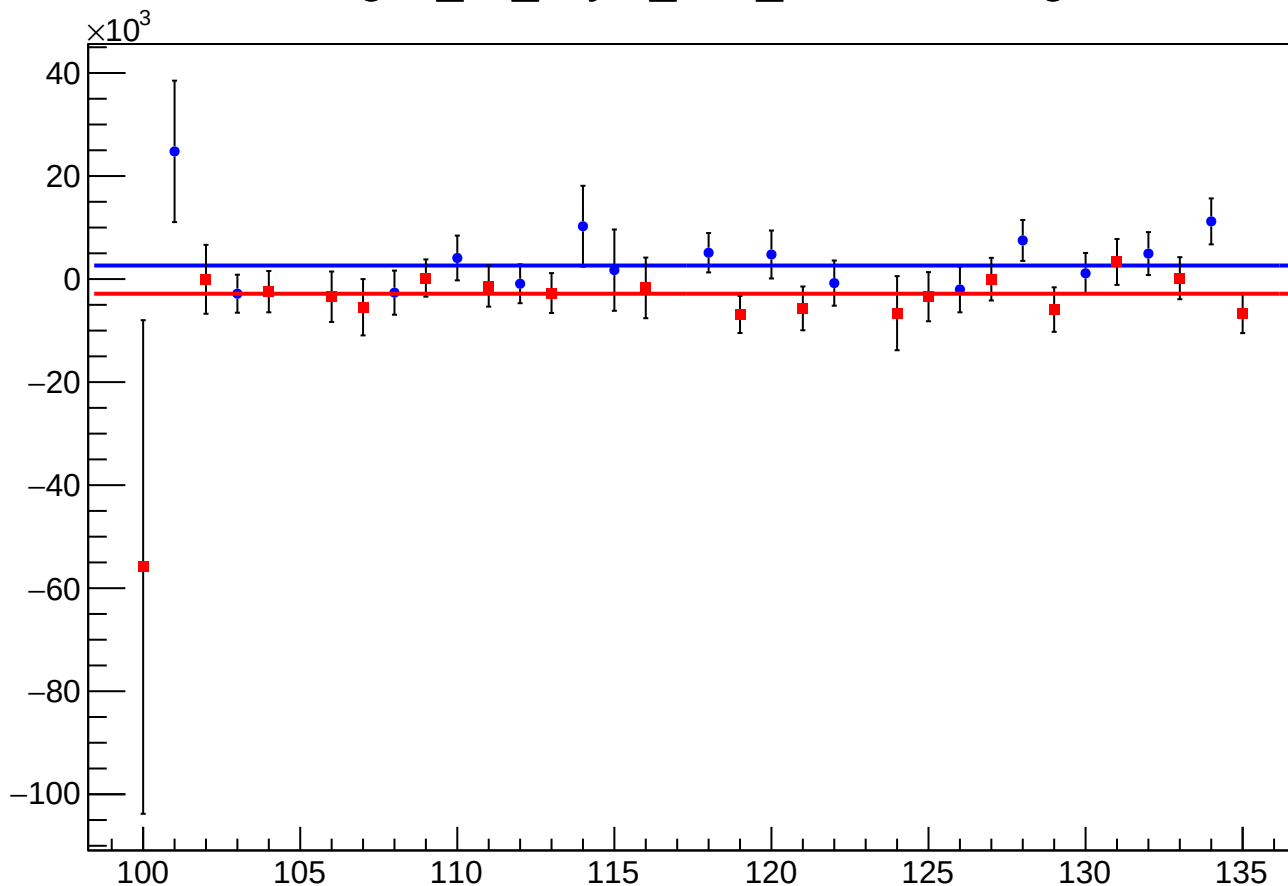
Right Out: 553.088 $\pm$ 0.154 χ^2 /NDF: 1524831.7/17

All: 561.984 $\pm$ 0.115 χ^2 /NDF: 2974768.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

eigen_dit_asym_atr1_mean vs Slug



Right In: 2628.709 $\pm$ 1161.302 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2844.487 $\pm$ 1065.924 χ^2 /NDF: 8.9/17

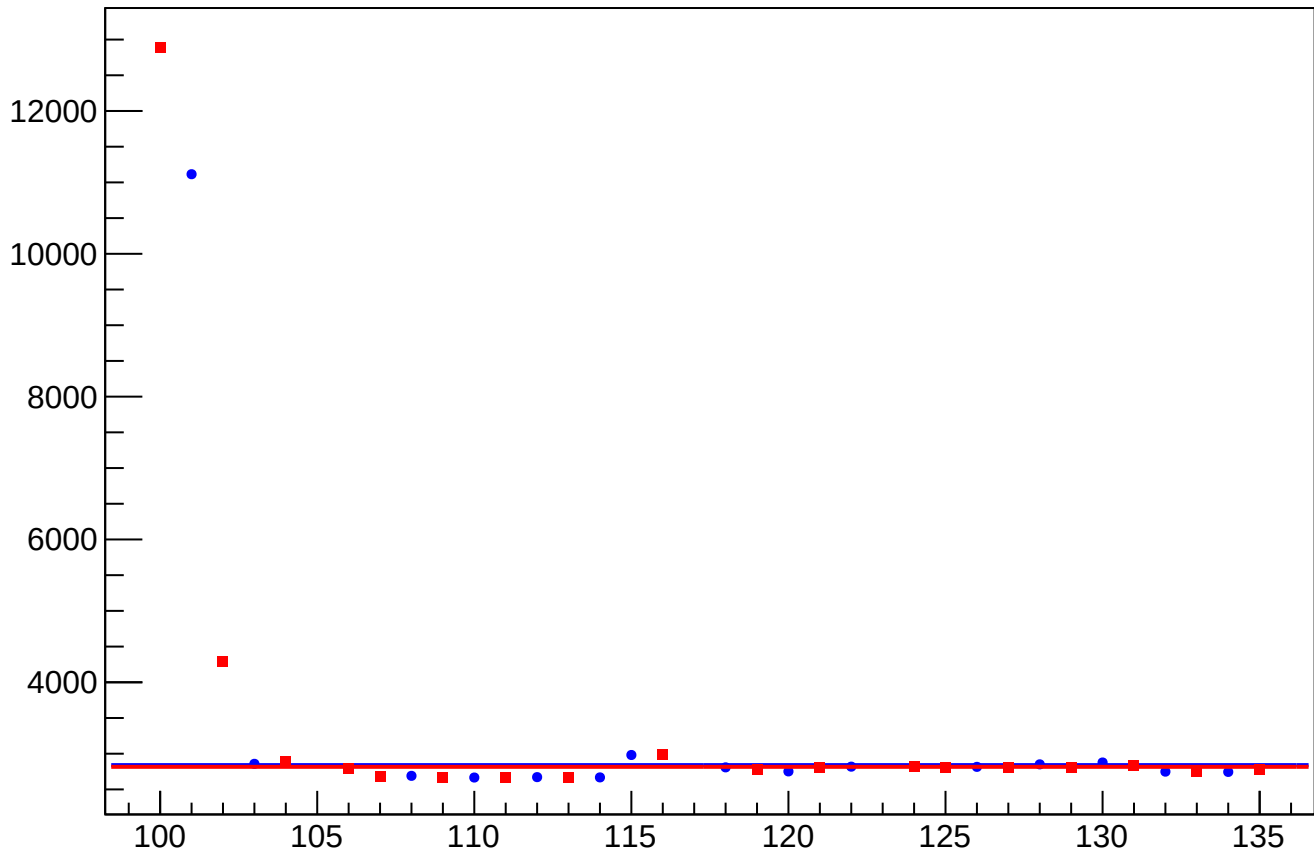
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -341.841 $\pm$ 785.280 χ^2 /NDF: 37.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1_rms vs Slug



Right In: 2840.066+/-0.821 χ^2/NDF : 740982.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2816.317+/-0.754 χ^2/NDF : 200145.0/17

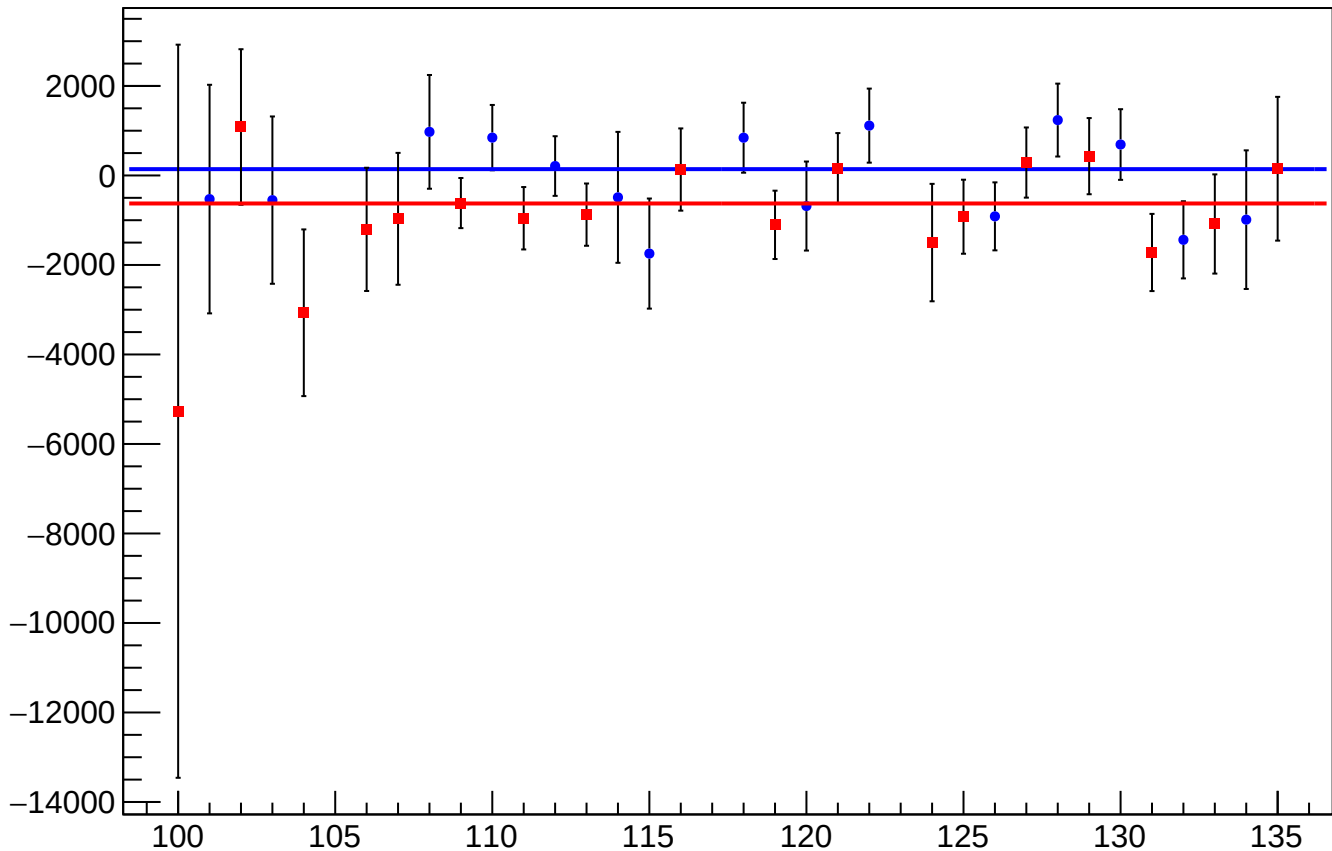
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2827.176+/-0.555 χ^2/NDF : 941581.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_correction_mean vs Slug



Right In: 141.088 $\pm$ 242.317 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -626.130 $\pm$ 217.895 χ^2 /NDF: 11.2/17

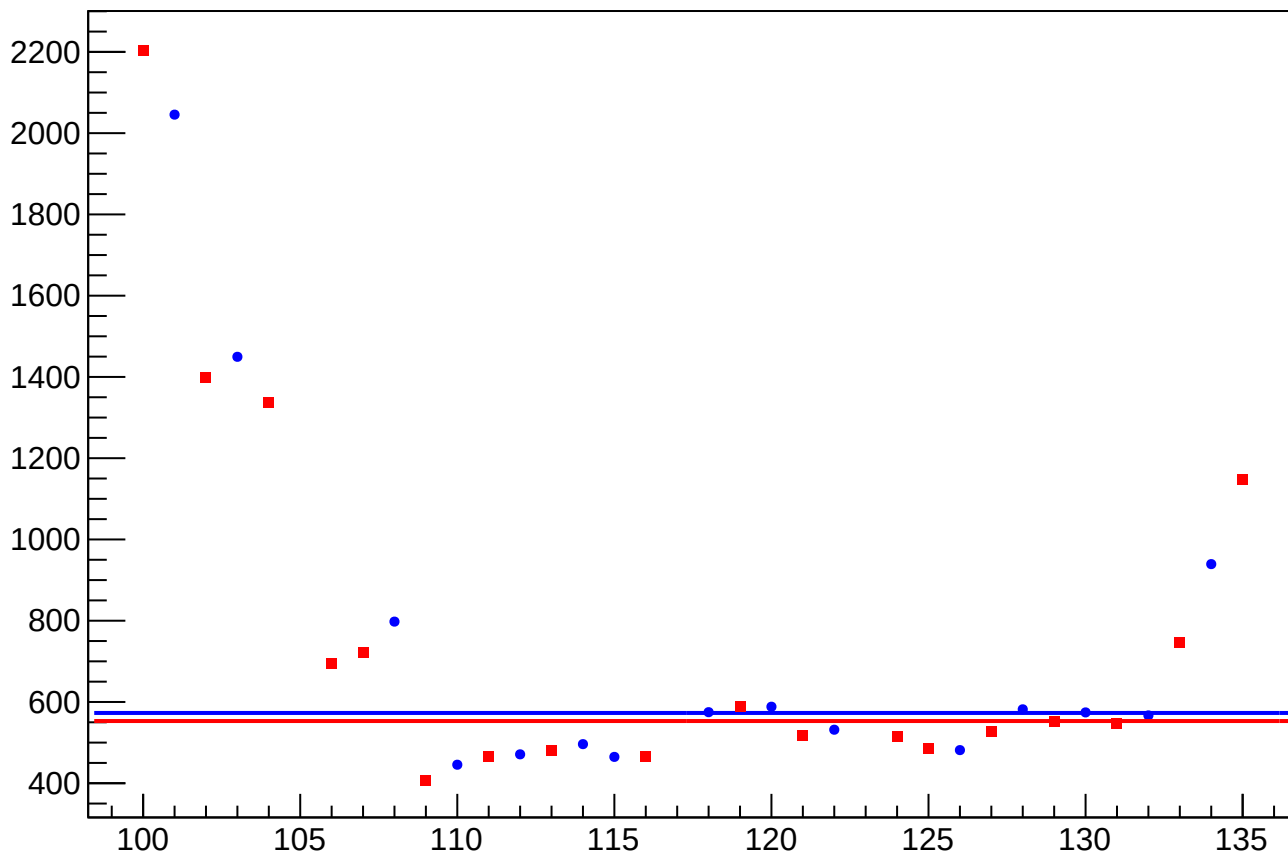
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -283.120 $\pm$ 162.023 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_correction_rms vs Slug



Right In: 572.986+/-0.171 χ^2/NDF : 1442474.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 553.088+/-0.154 χ^2/NDF : 1524828.8/17

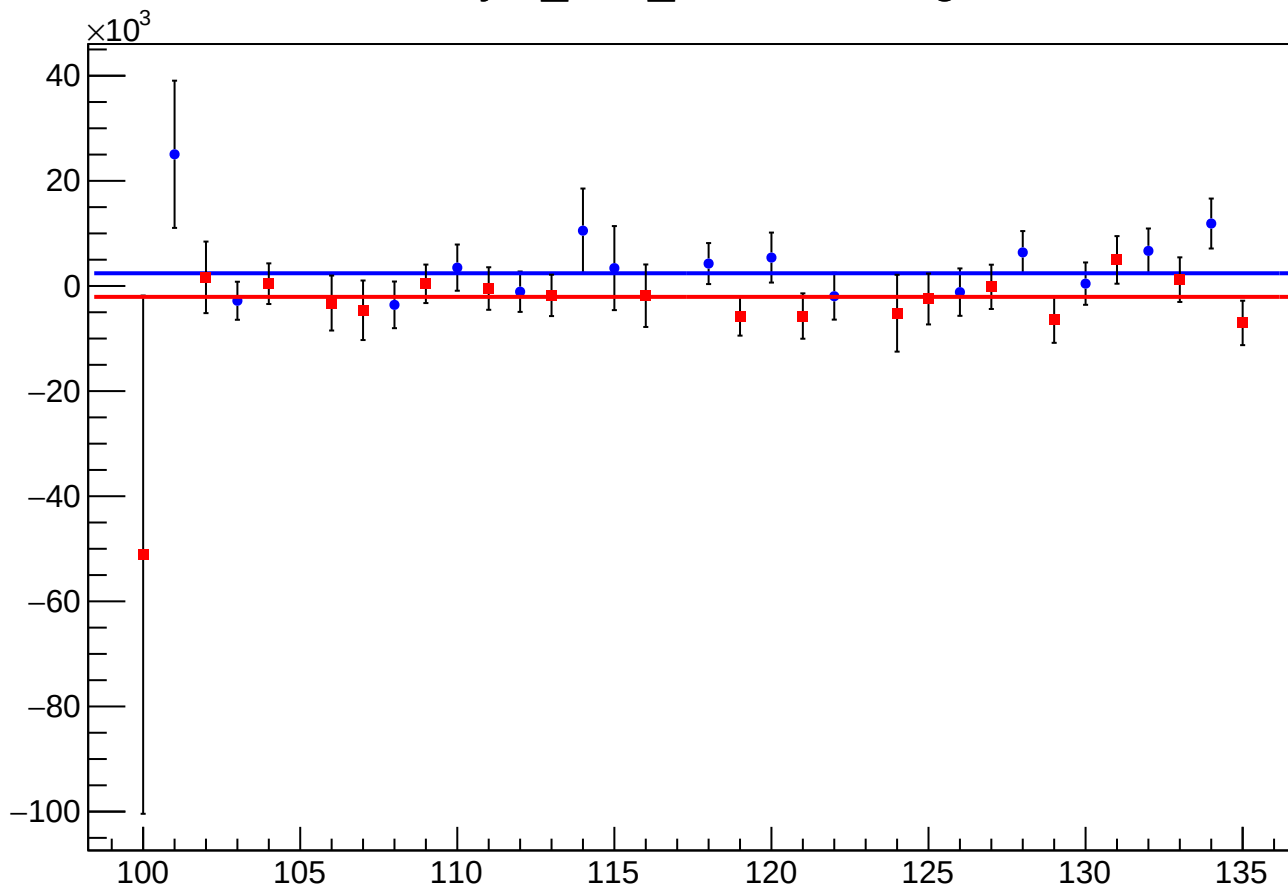
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 561.984+/-0.115 χ^2/NDF : 2974759.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_mean vs Slug



Right In: 2419.468 $\pm$ 1183.380 χ^2 /NDF: 16.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2073.590 $\pm$ 1089.719 χ^2 /NDF: 10.1/17

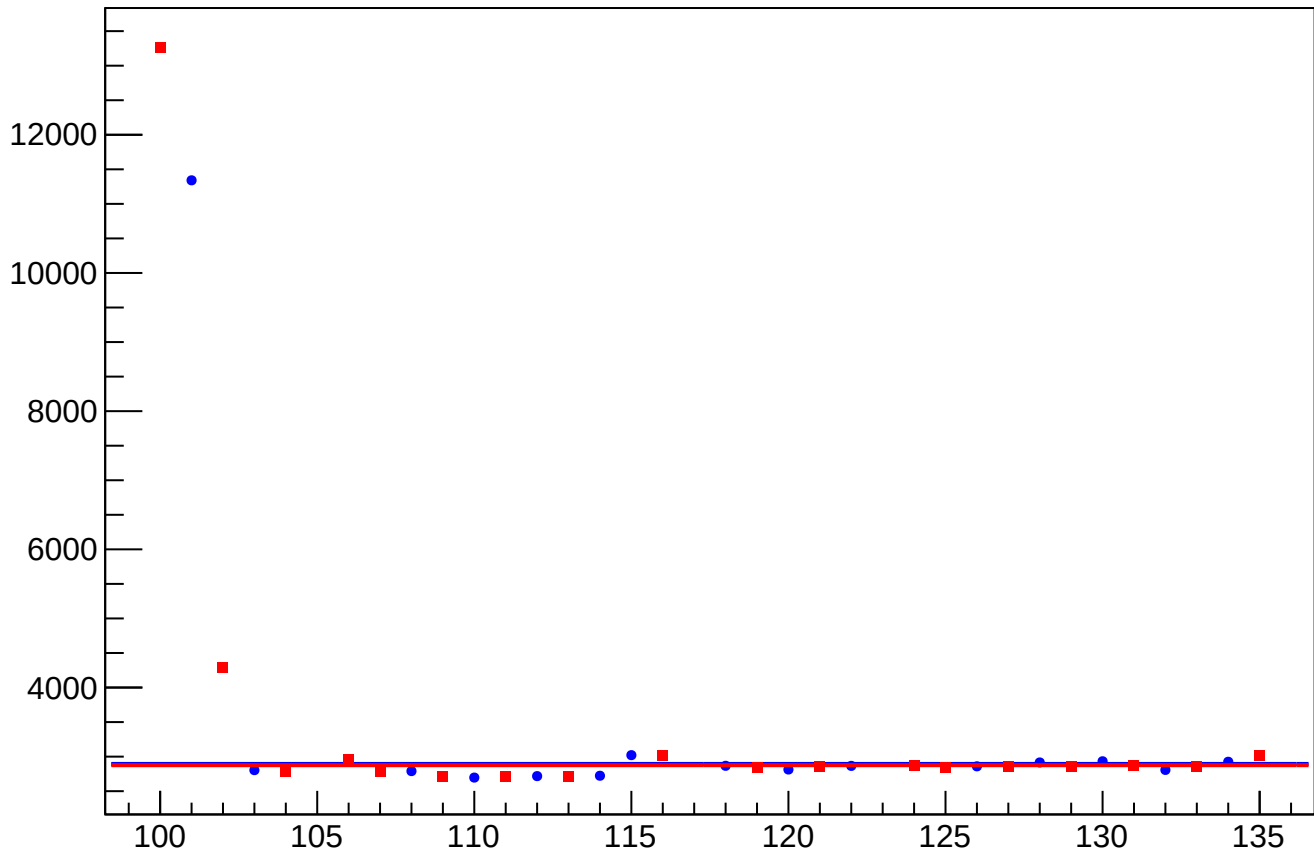
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -11.880 $\pm$ 801.617 χ^2 /NDF: 34.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_rms vs Slug



Right In: 2894.130+/-0.837 χ^2/NDF : 741450.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2876.071+/-0.771 χ^2/NDF : 192748.5/17

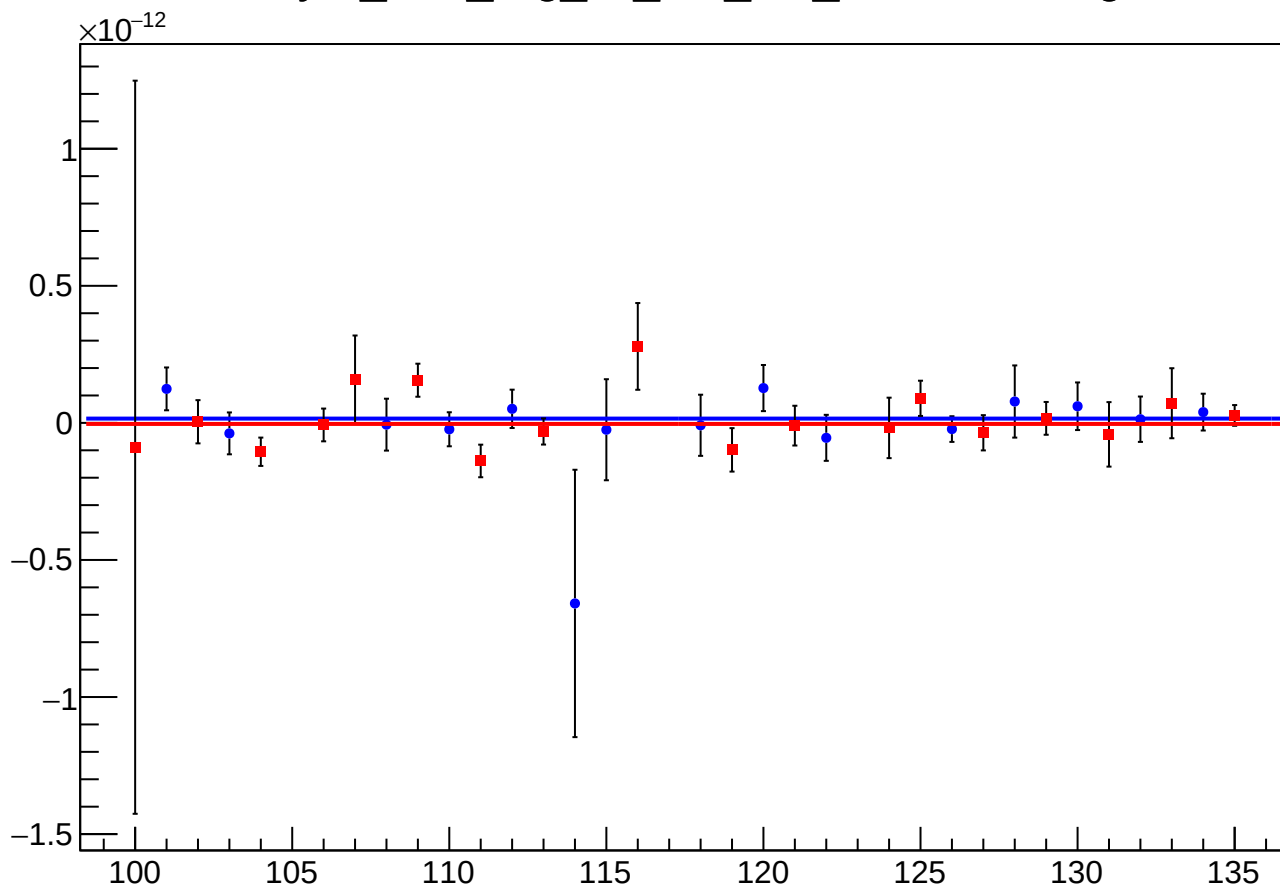
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2884.358+/-0.567 χ^2/NDF : 934451.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.6/17

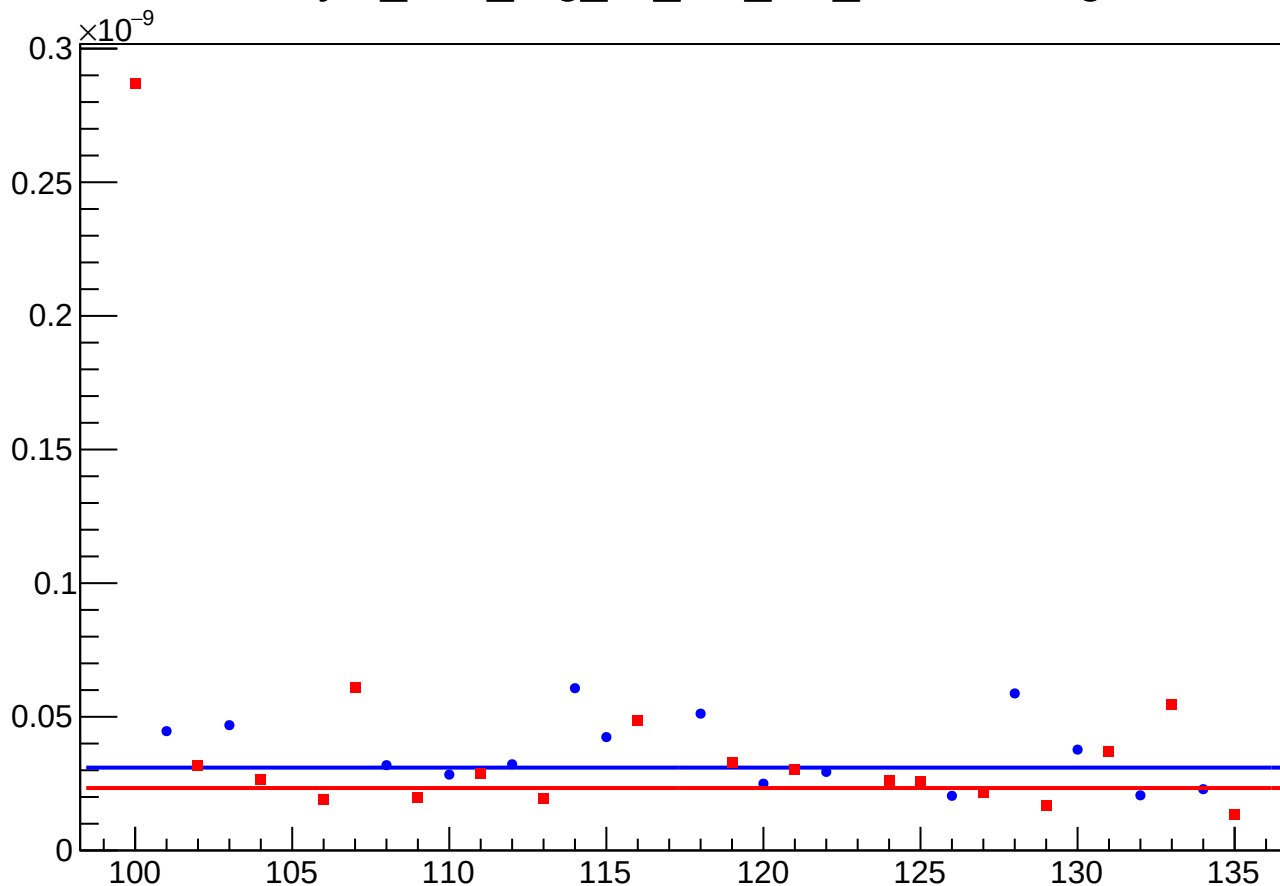
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 35.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 506503.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 681513.4/17

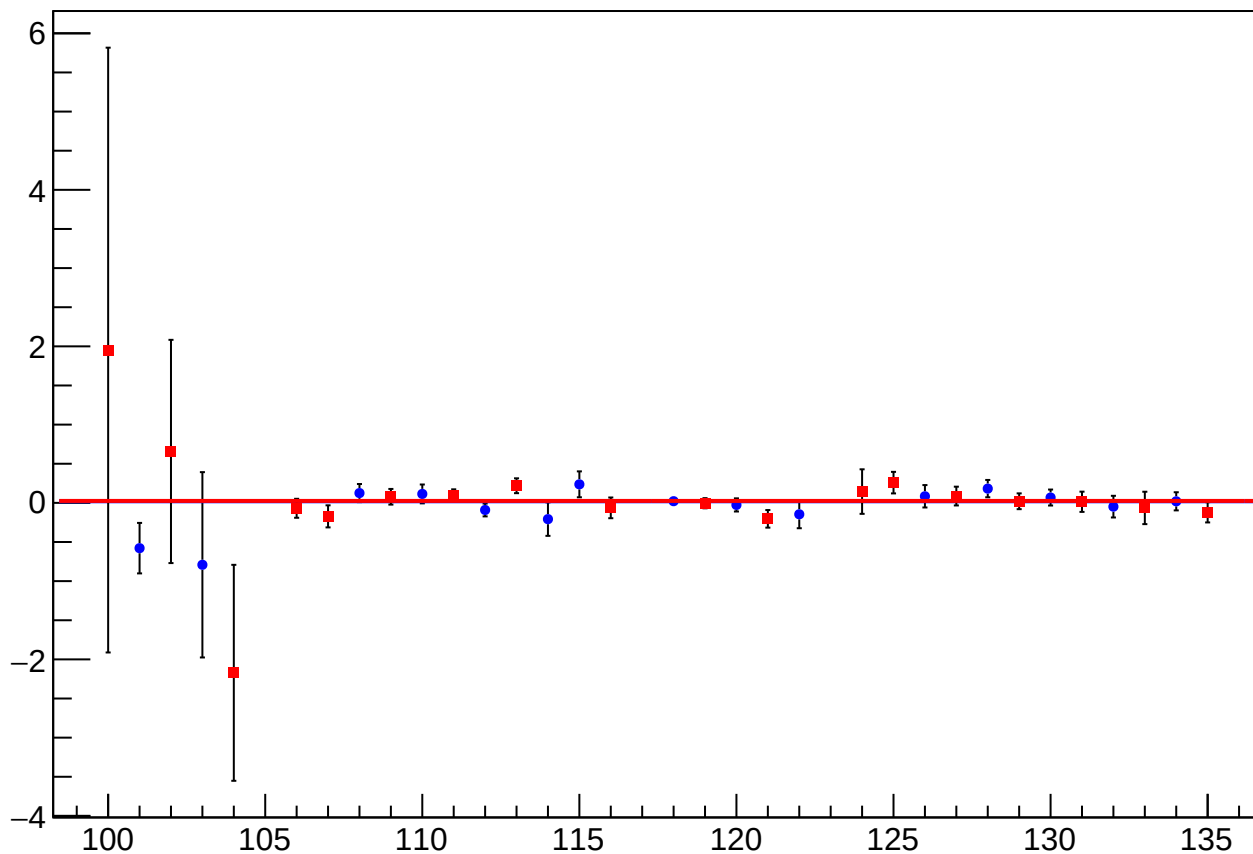
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1358399.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 14.0/14

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

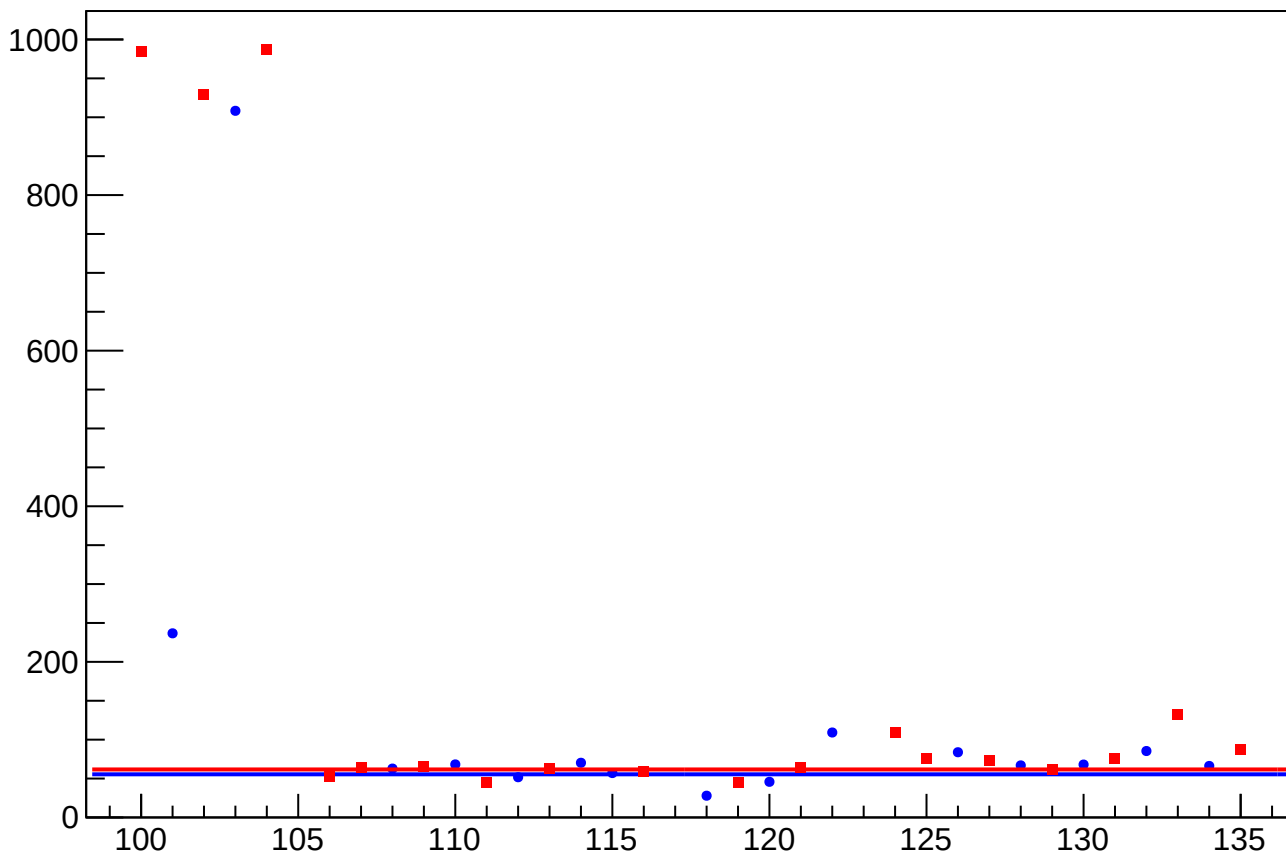
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.020 χ^2 /NDF: 34.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_dit_vs_cor_diff_rms vs Slug



Right In: 55.452+/-0.020 χ^2/NDF : 2702120.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.710+/-0.020 χ^2/NDF : 2451084.6/17

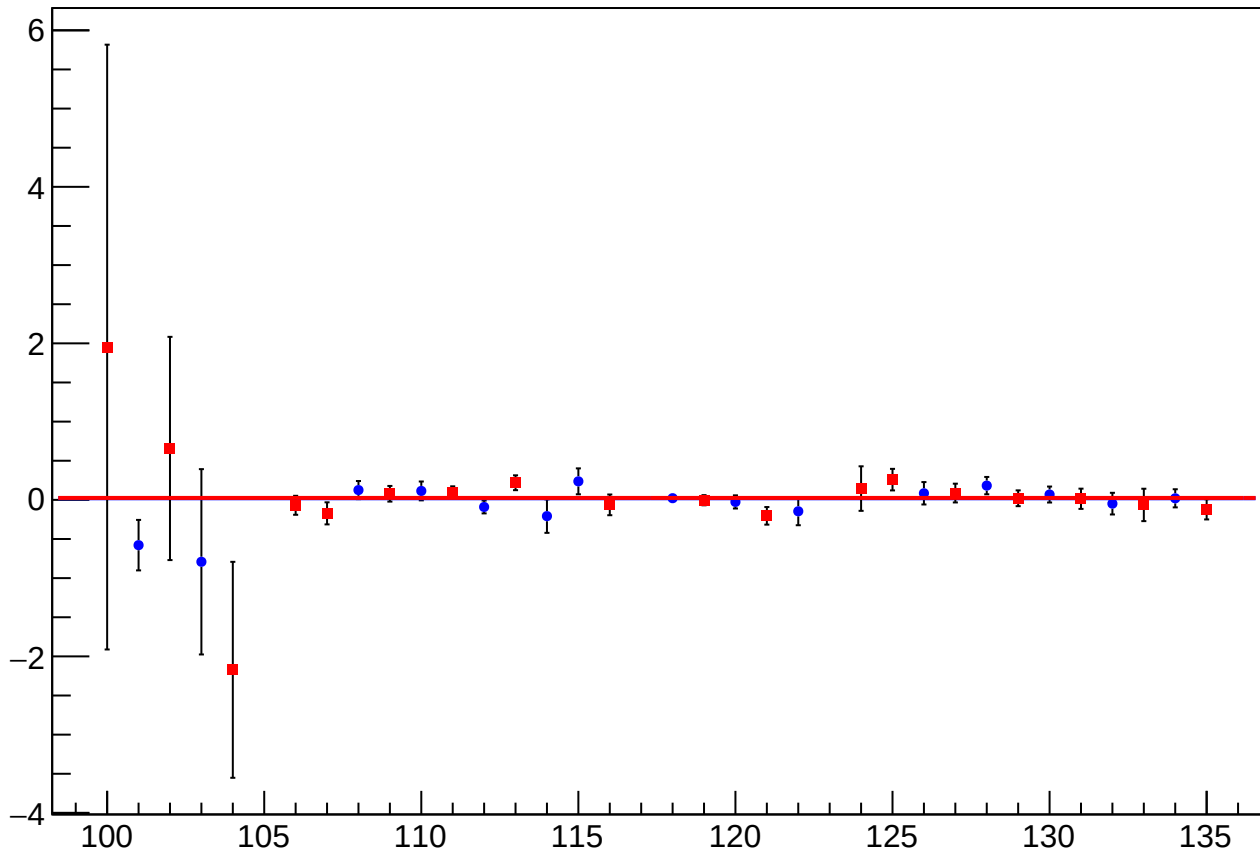
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.611+/-0.014 χ^2/NDF : 5202397.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020+/-0.028 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.025+/-0.028 χ^2/NDF : 20.6/17

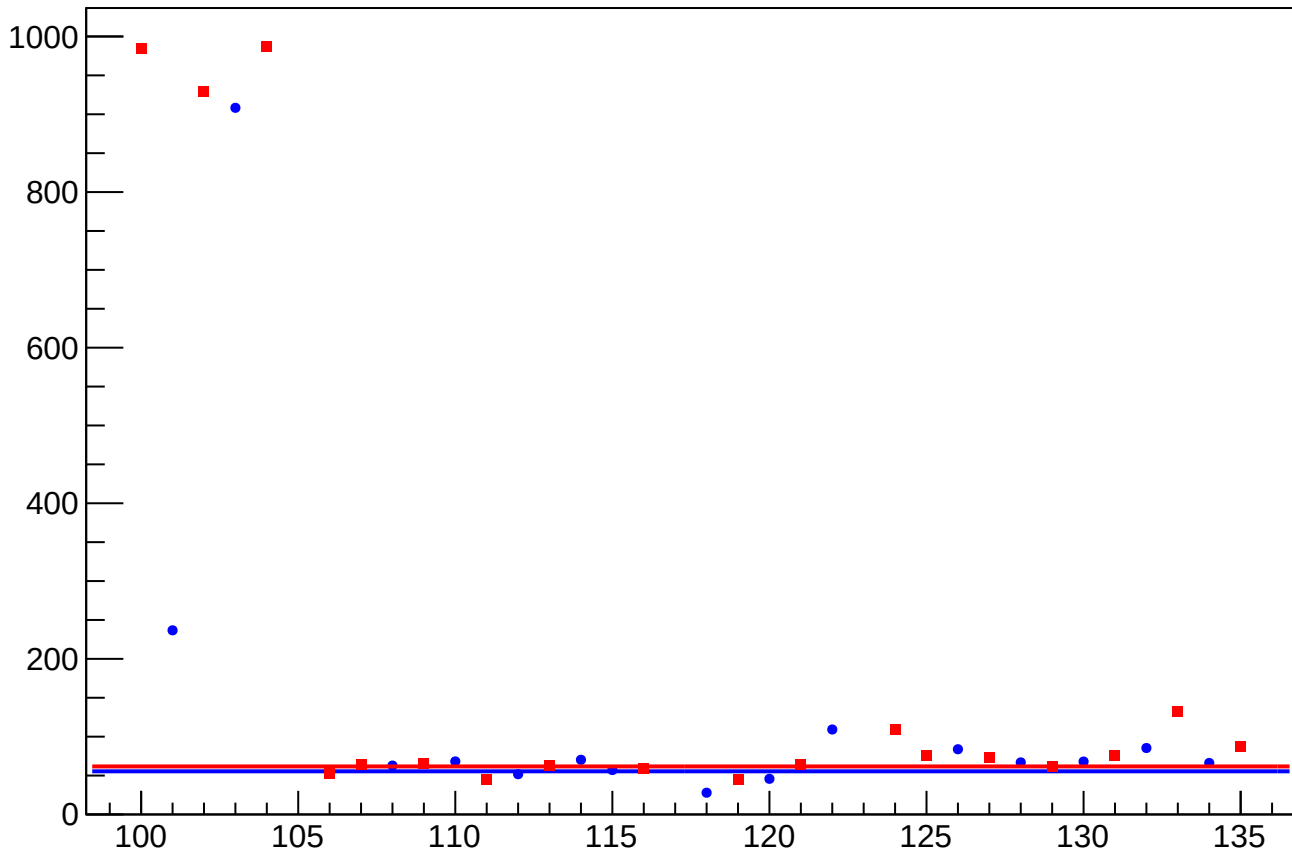
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.020 χ^2/NDF : 34.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.452 $\pm$ 0.020 χ^2 /NDF: 2702120.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 61.710 $\pm$ 0.020 χ^2 /NDF: 2451084.6/17

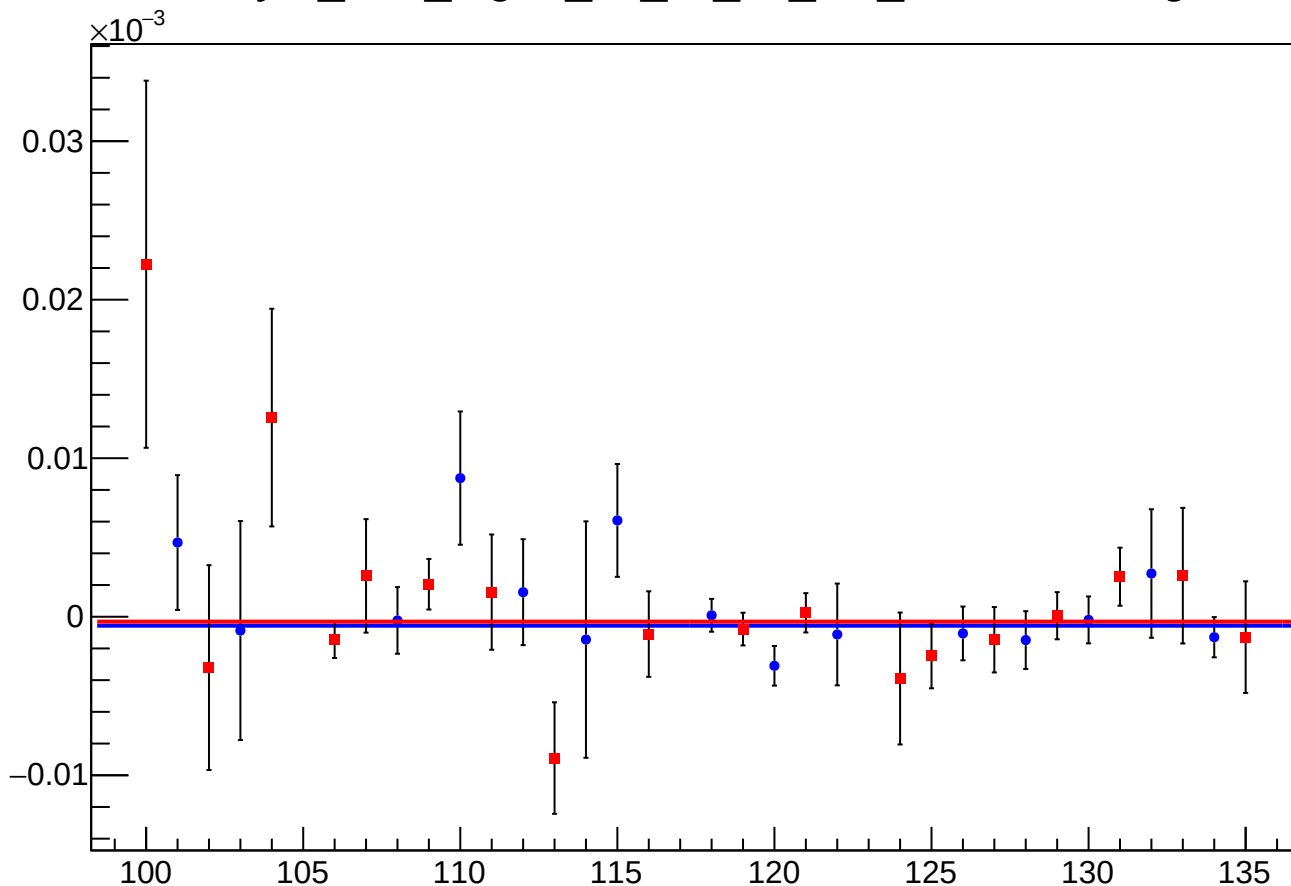
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.611 $\pm$ 0.014 χ^2 /NDF: 5202397.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/17

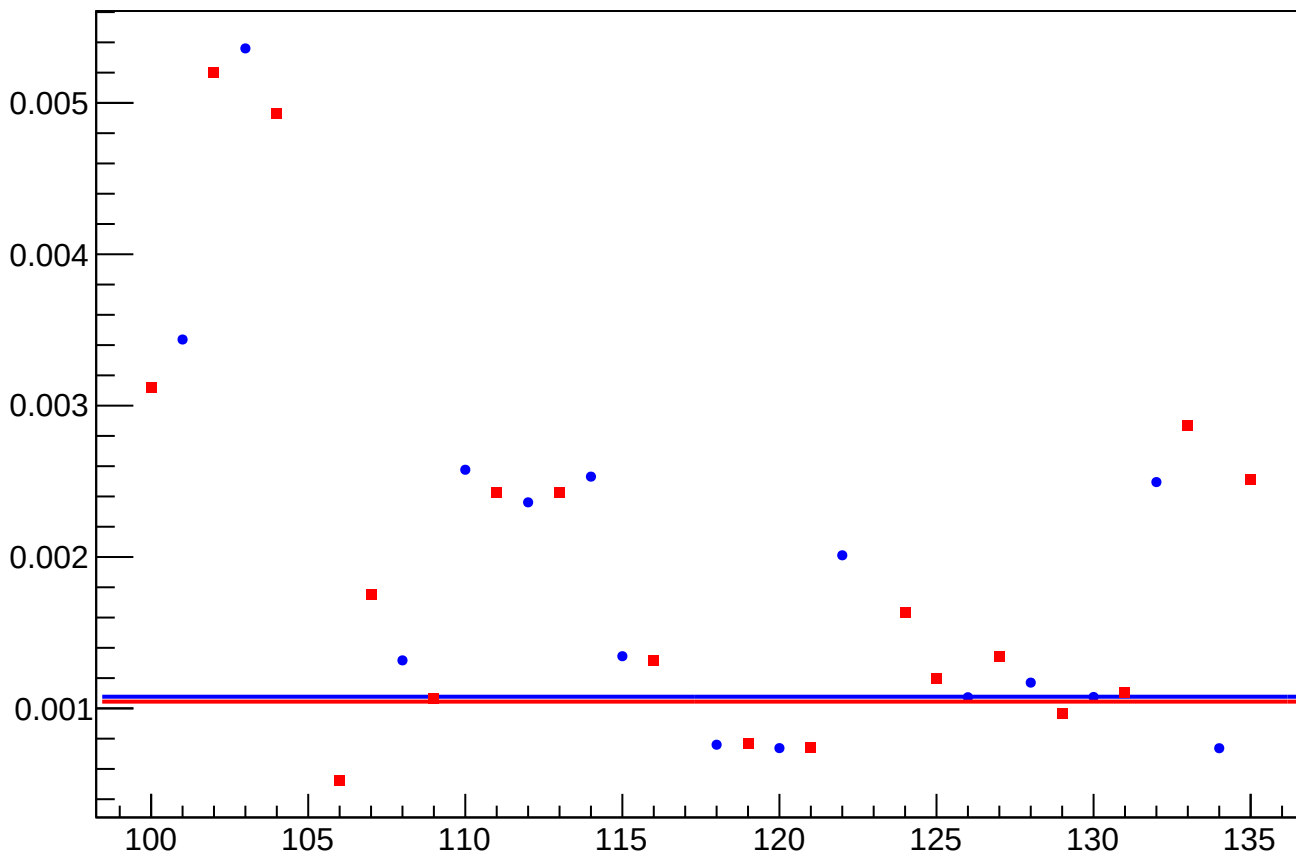
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 39.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2947054.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3721401.7/17

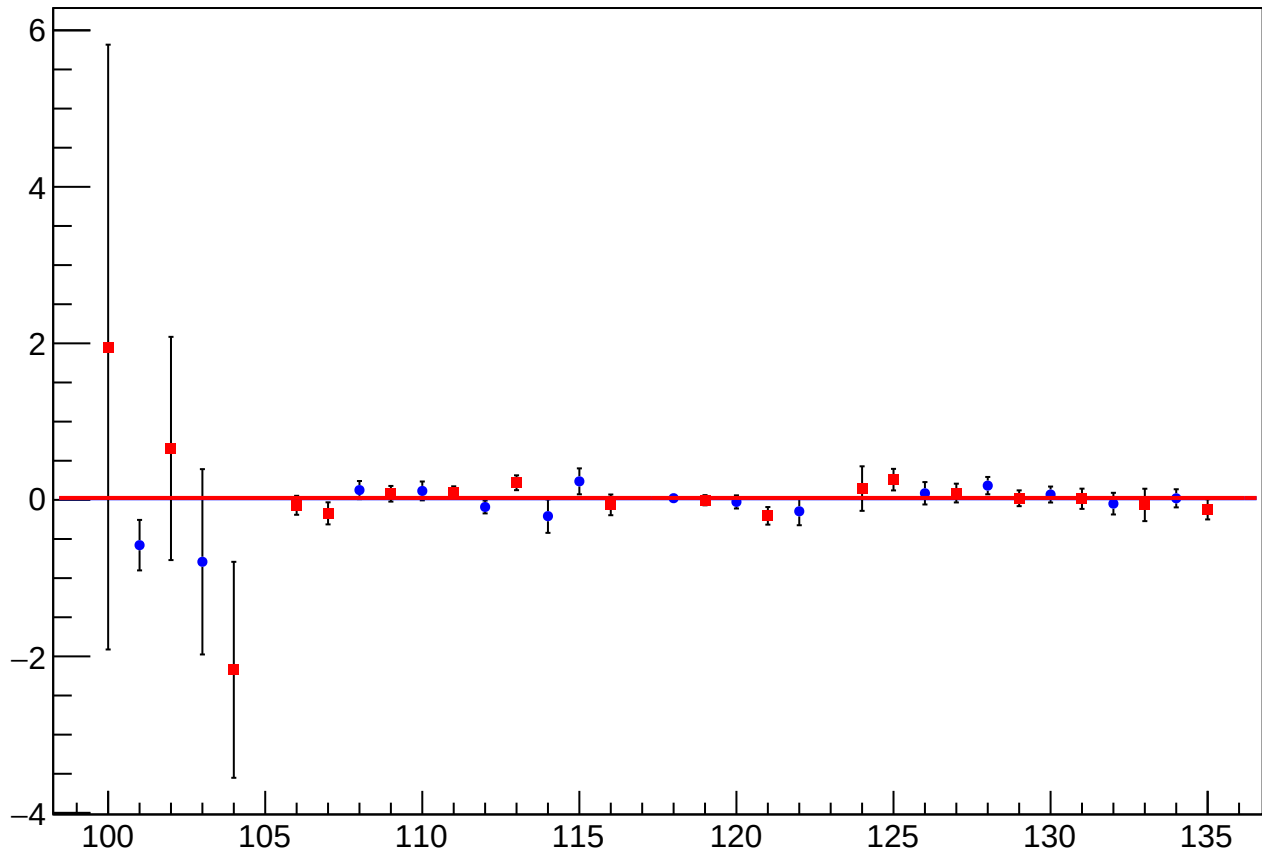
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6672941.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 14.0/14

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

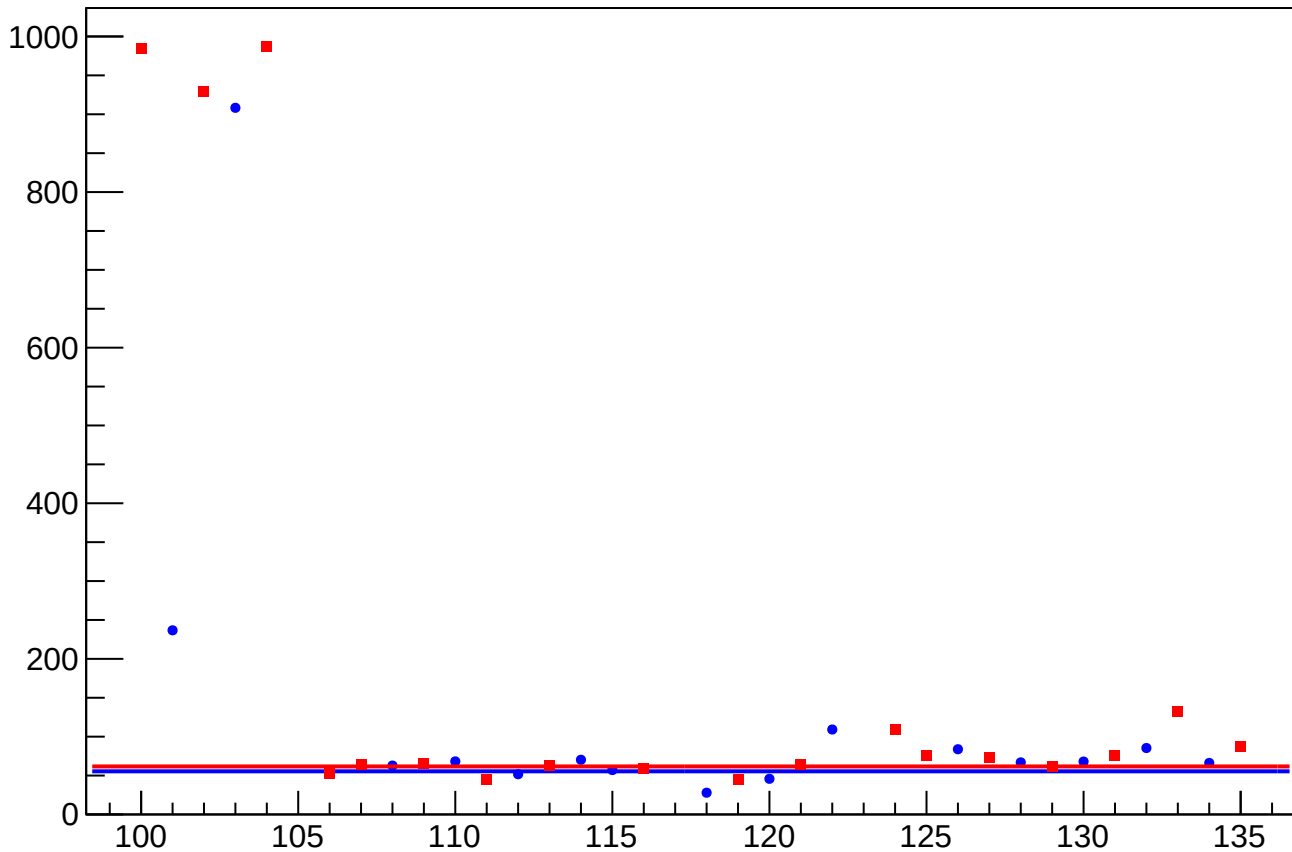
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.020 χ^2 /NDF: 34.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.451 $\pm$ 0.020 χ^2 /NDF: 2702185.3/14

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

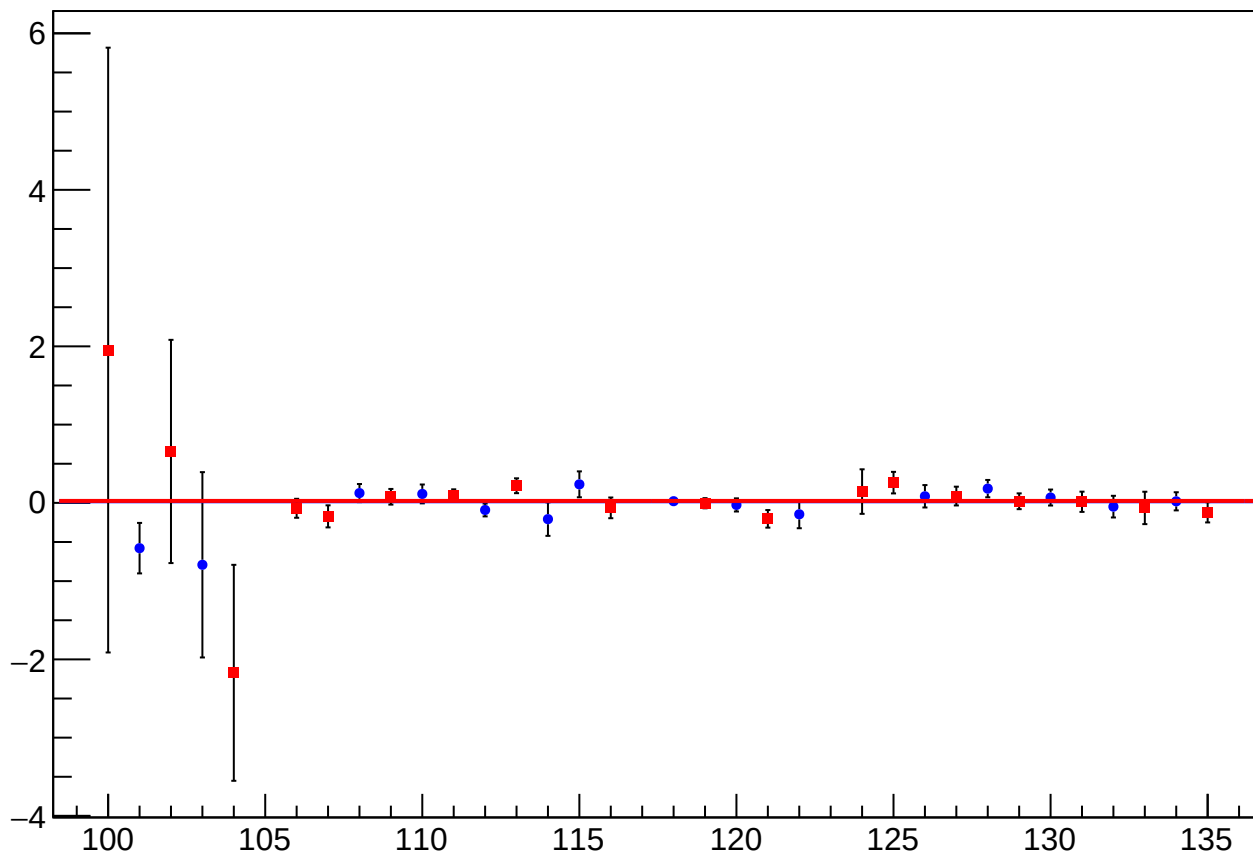
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.610 $\pm$ 0.014 χ^2 /NDF: 5202465.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.028 χ^2 /NDF: 14.0/14

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

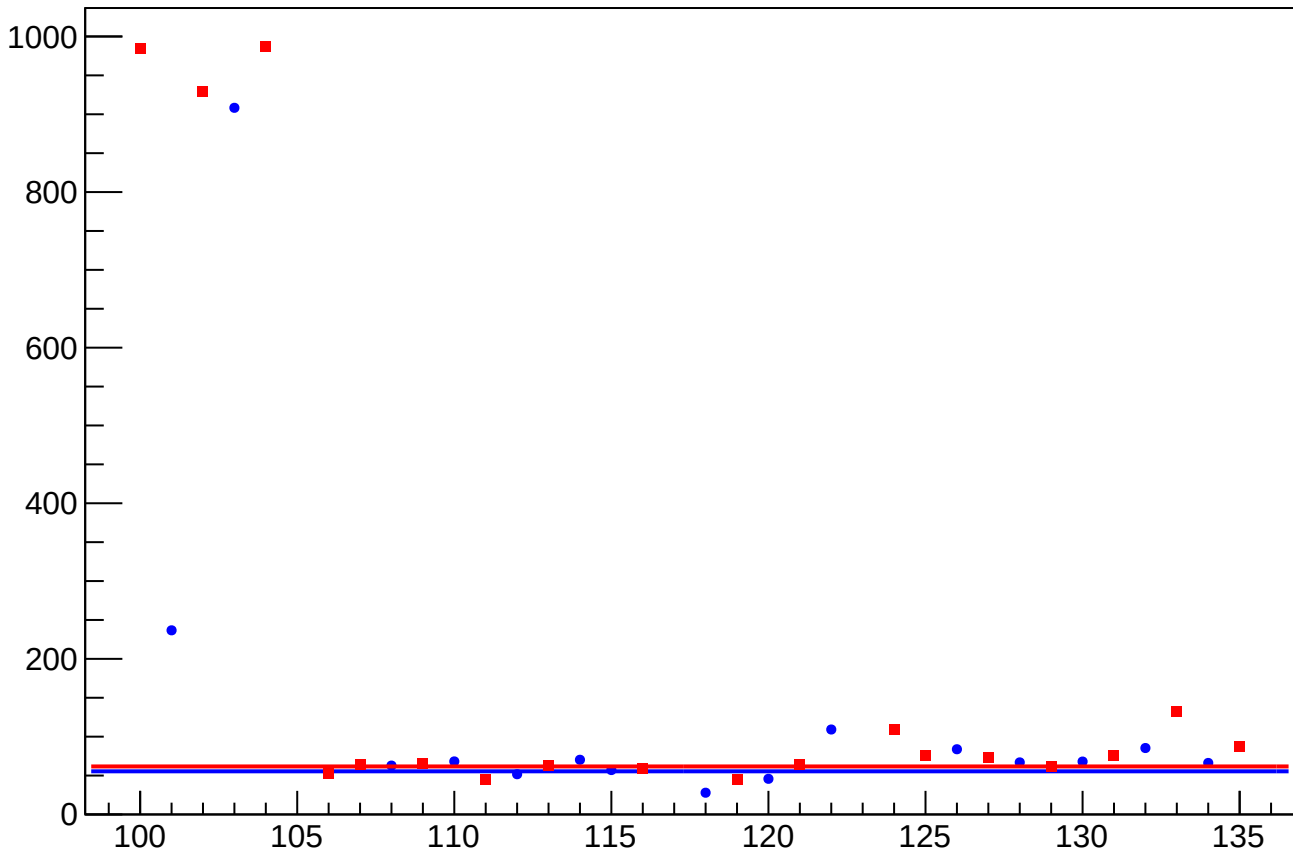
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.020 χ^2 /NDF: 34.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.451+/-0.020 χ^2/NDF : 2702185.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 61.710+/-0.020 χ^2/NDF : 2451076.5/17

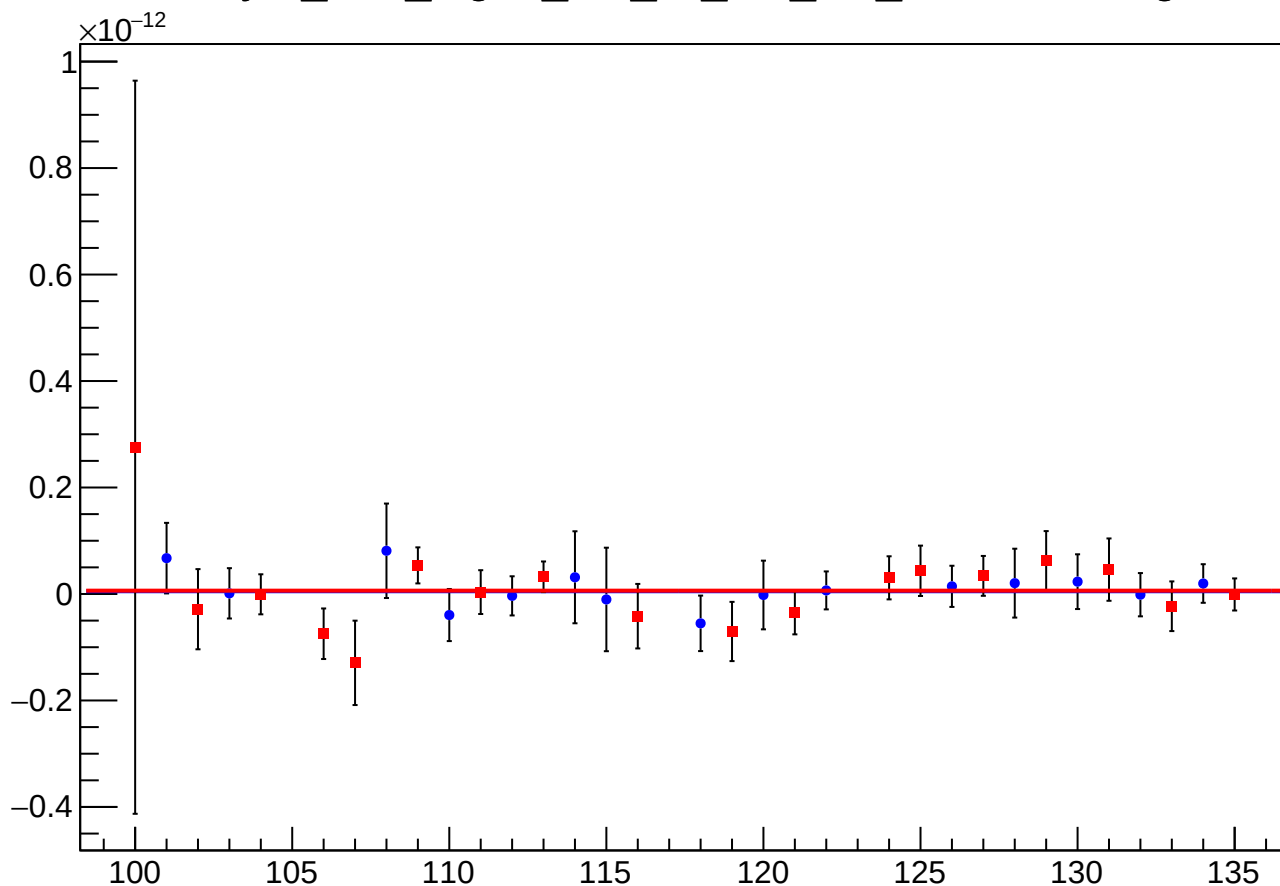
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.610+/-0.014 χ^2/NDF : 5202465.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 4.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/17

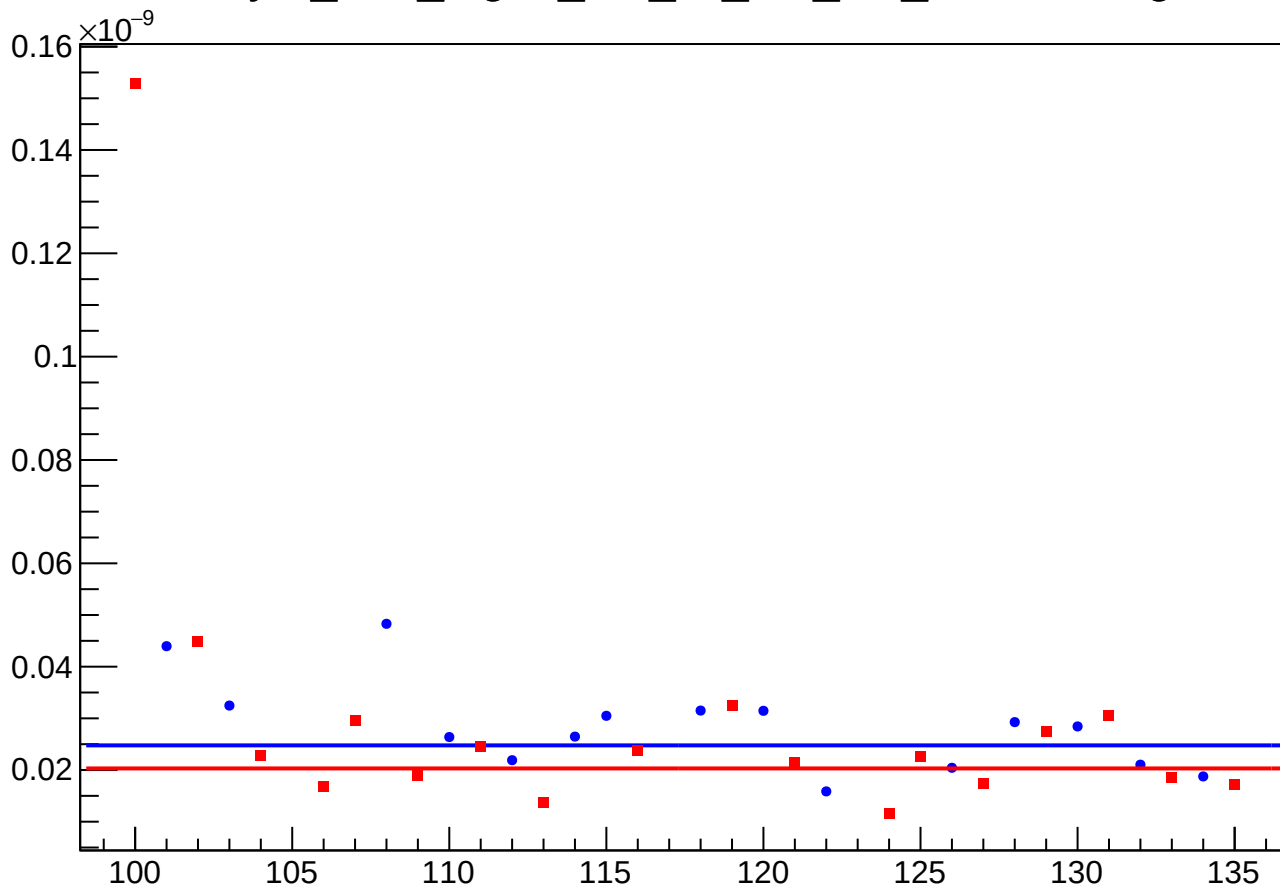
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 680347.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 795754.9/17

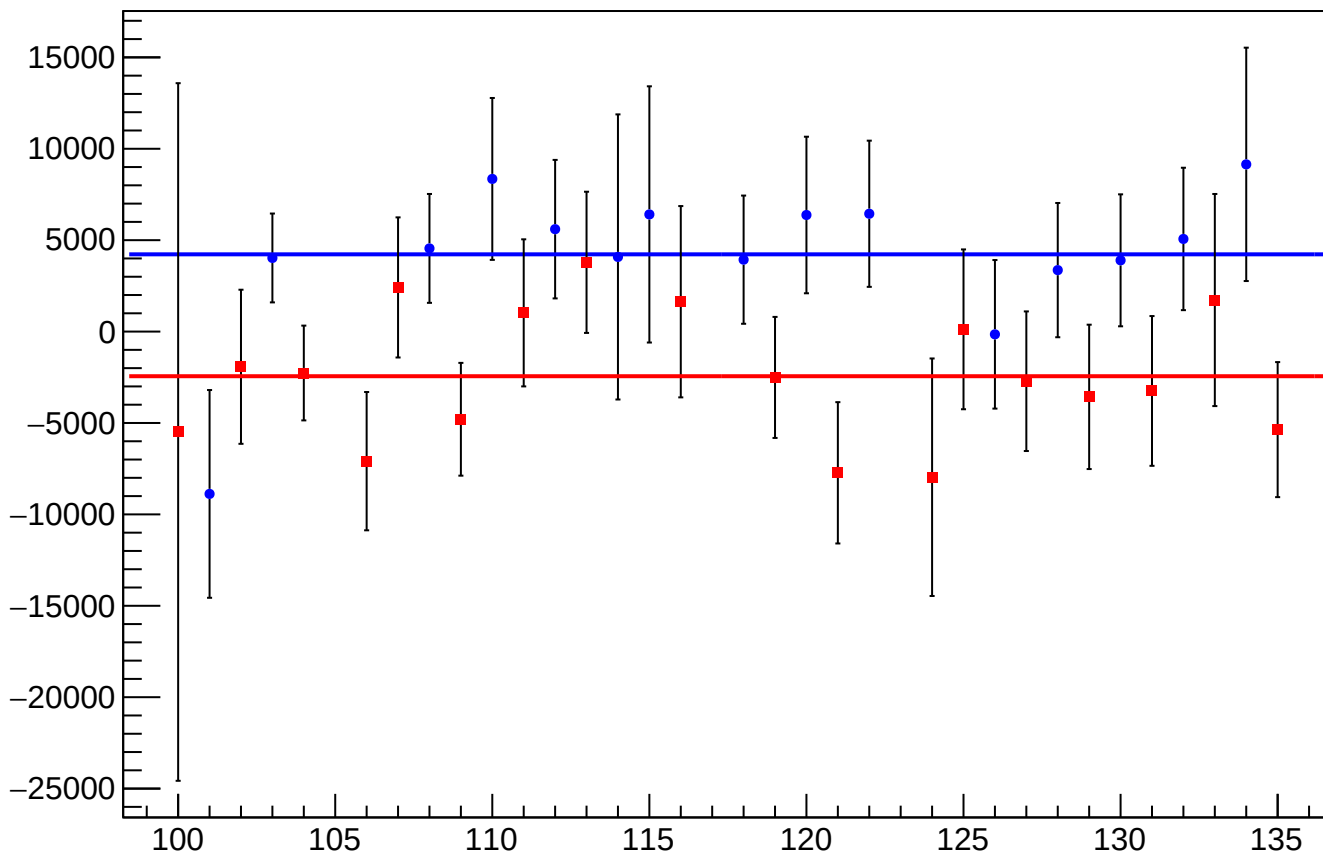
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1625090.4/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_mean vs Slug



Right In: 4225.619+/-1014.900 χ^2/NDF : 8.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2441.747+/-934.190 χ^2/NDF : 11.9/17

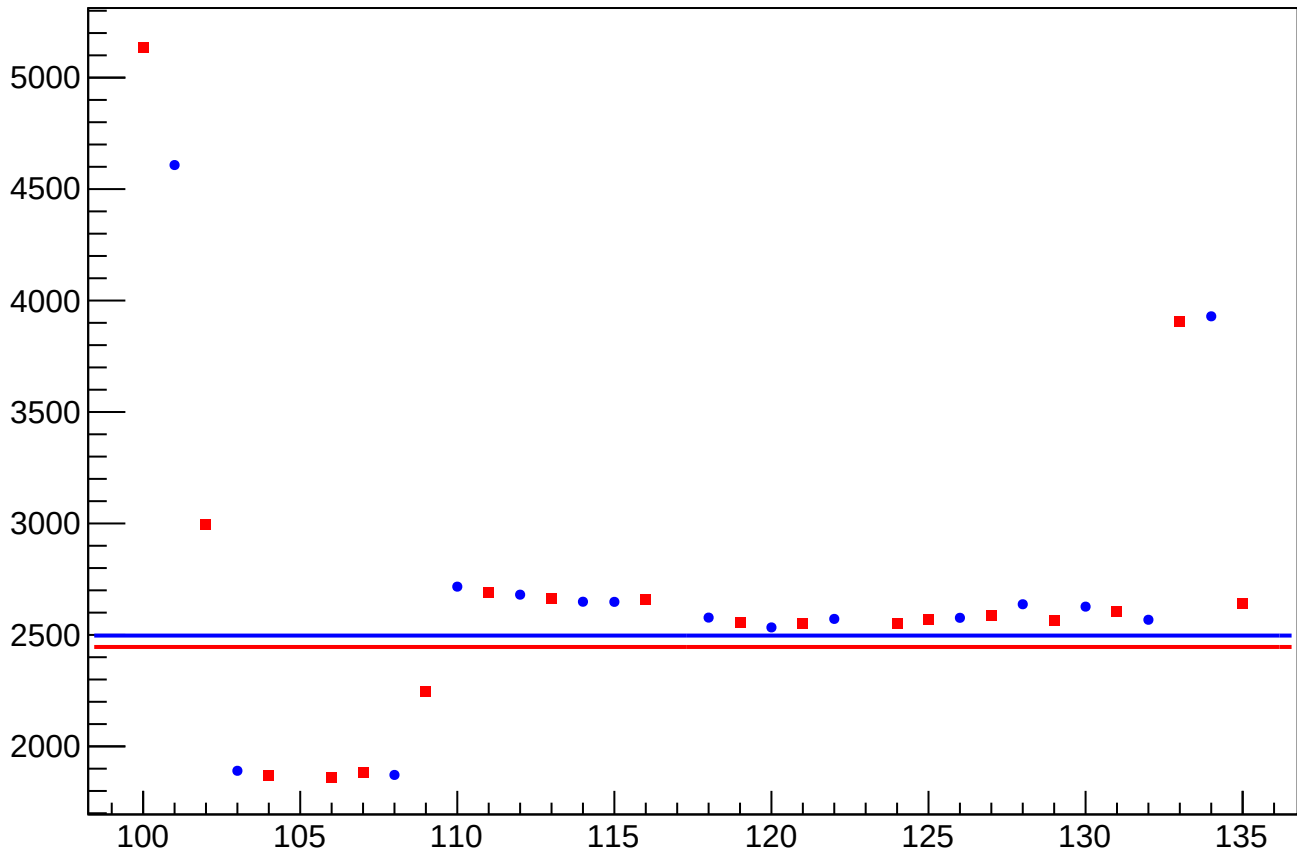
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 616.318+/-687.336 χ^2/NDF : 44.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_rms vs Slug



Right In: 2497.082+/-0.718 χ^2/NDF : 609495.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2445.956+/-0.661 χ^2/NDF : 435702.8/17

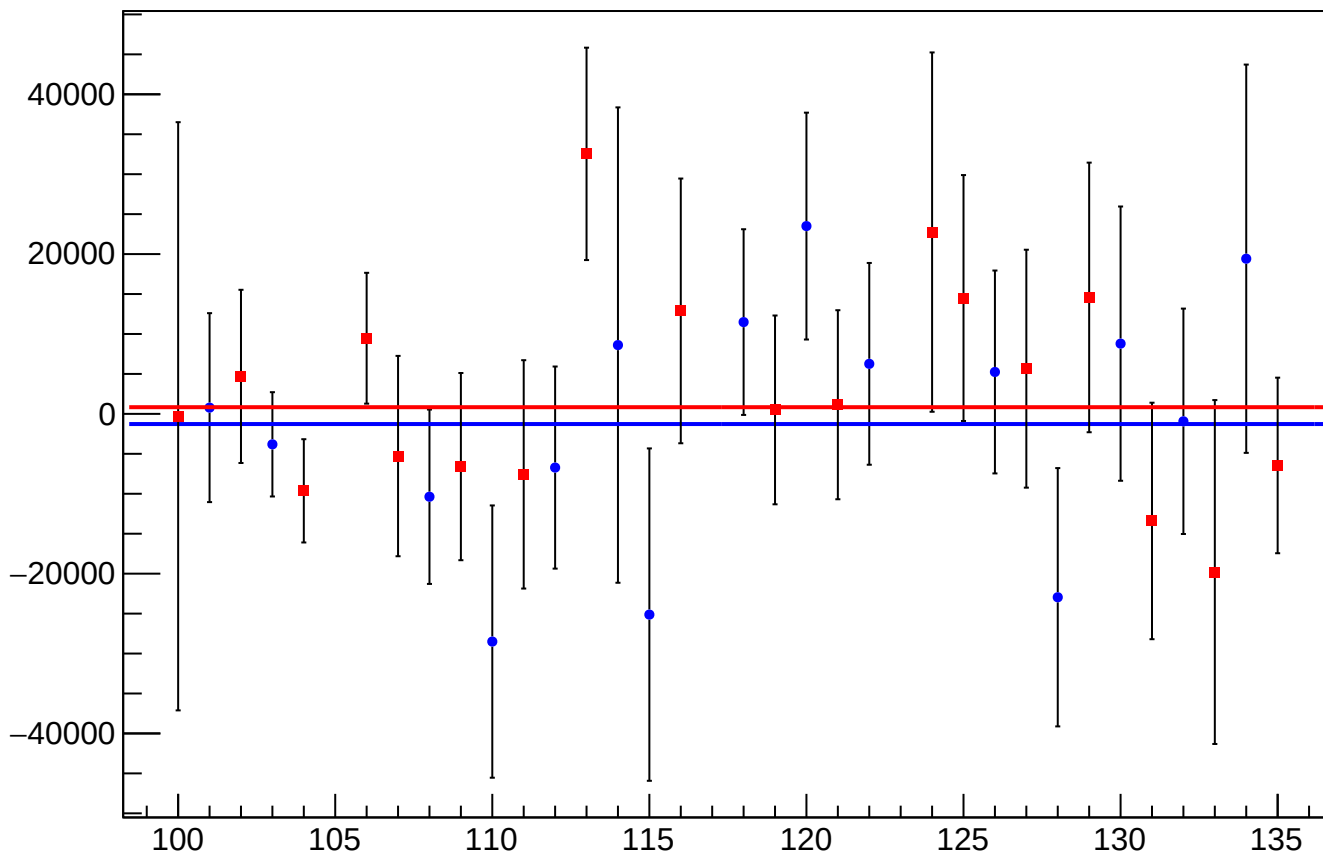
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2469.406+/-0.486 χ^2/NDF : 1047946.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_correction_mean vs Slug



Right In: -1273.694+/-3316.285 χ^2 /NDF: 12.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 835.738+/-2892.904 χ^2 /NDF: 15.9/17

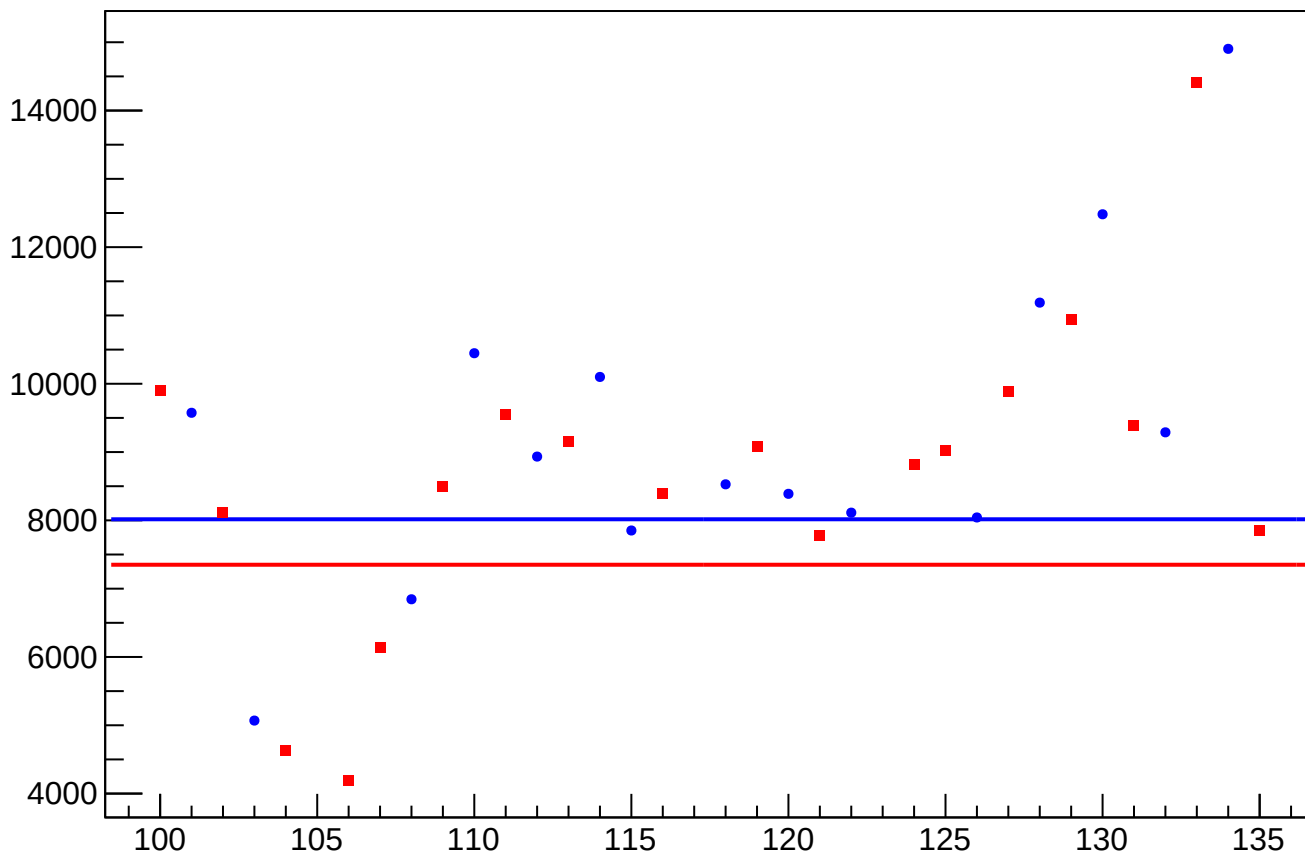
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -75.809+/-2180.011 χ^2 /NDF: 28.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_reg_correction_rms vs Slug



Right In: 8015.919+/-2.345 χ^2/NDF : 921358.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

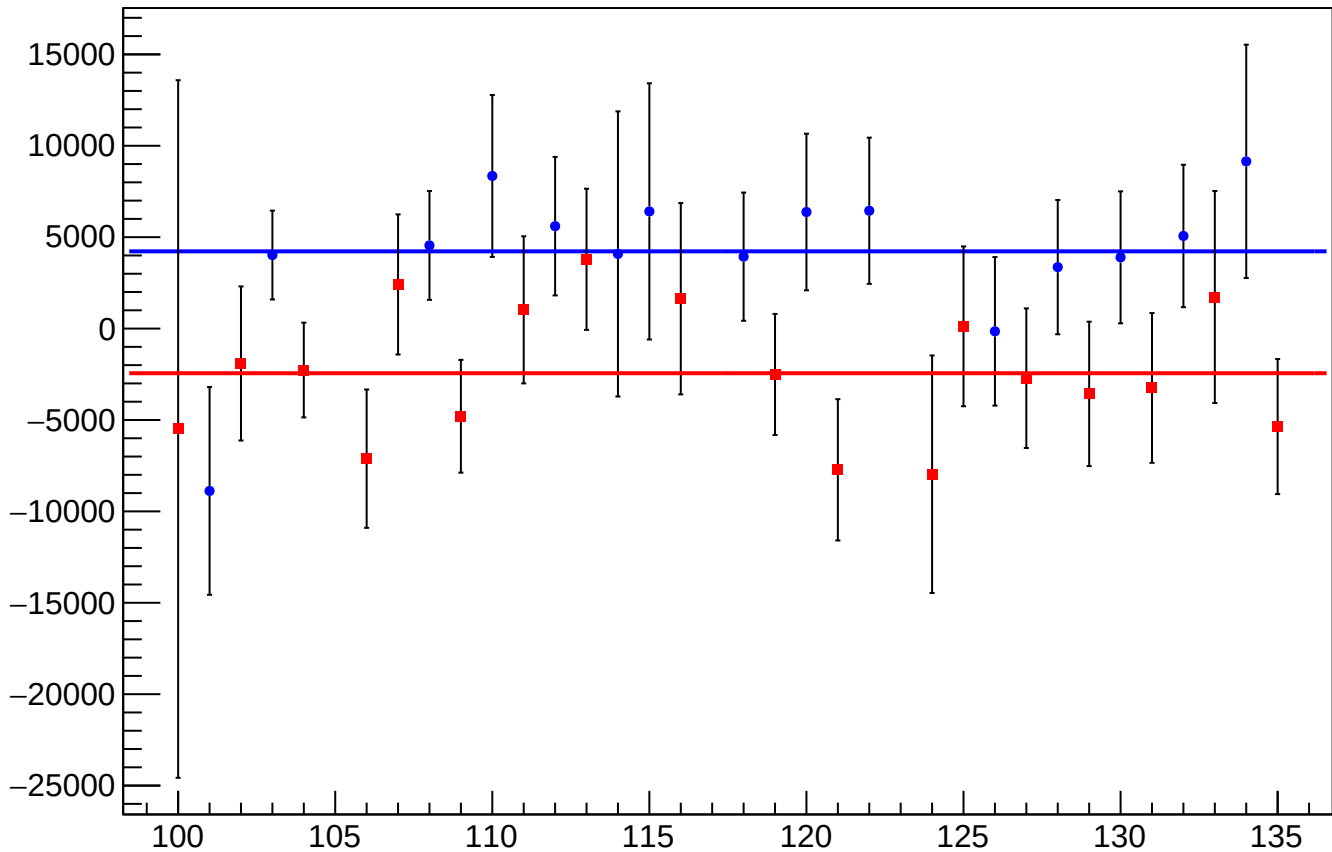
Right Out: 7350.287+/-2.046 χ^2/NDF : 1285061.3/17

All: 7637.926+/-1.542 χ^2/NDF : 2252175.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr2_mean vs Slug



Right In: 4225.036 $\pm$ 1014.900 χ^2 /NDF: 8.9/14

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

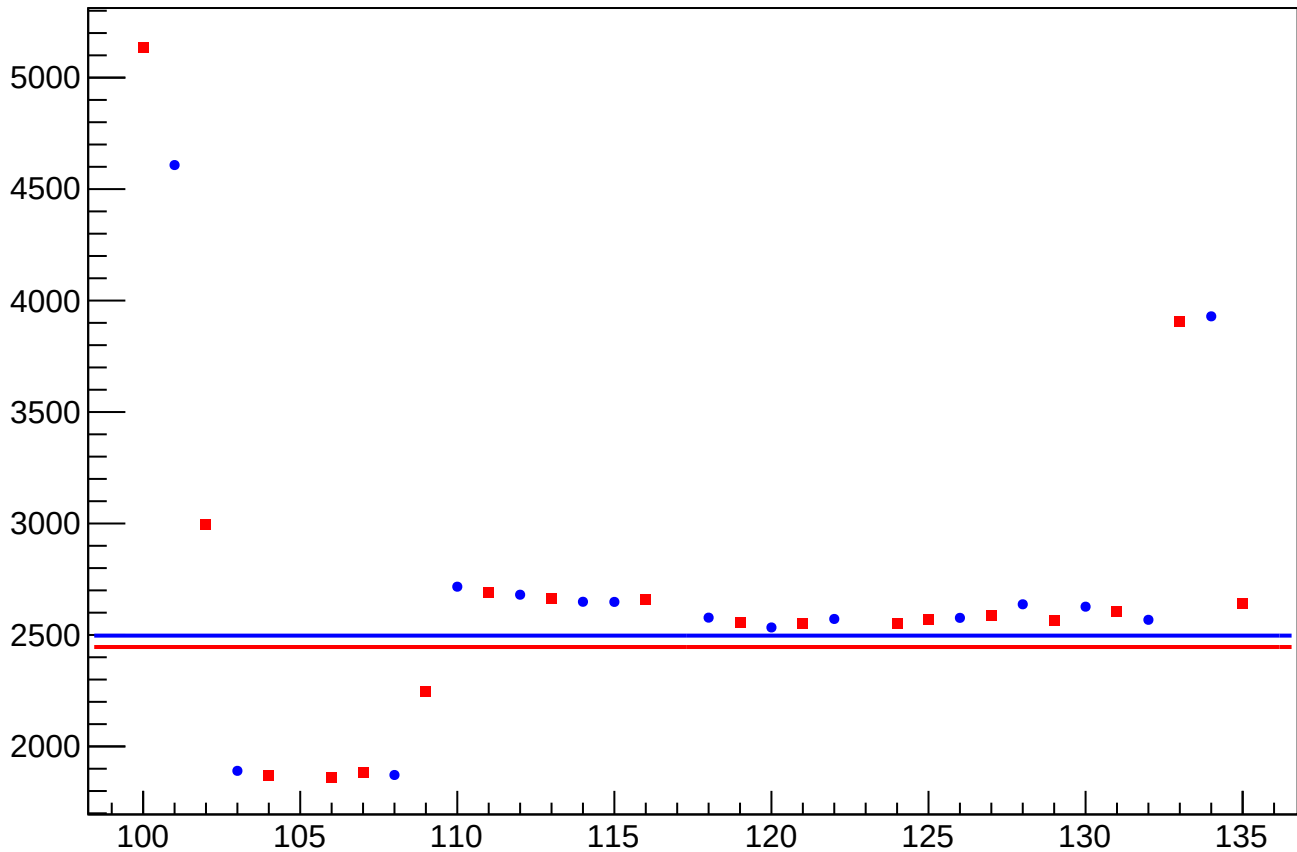
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 615.739 $\pm$ 687.340 χ^2 /NDF: 44.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr2_rms vs Slug



Right In: 2497.083+/-0.718 χ^2/NDF : 609493.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2445.981+/-0.661 χ^2/NDF : 435648.8/17

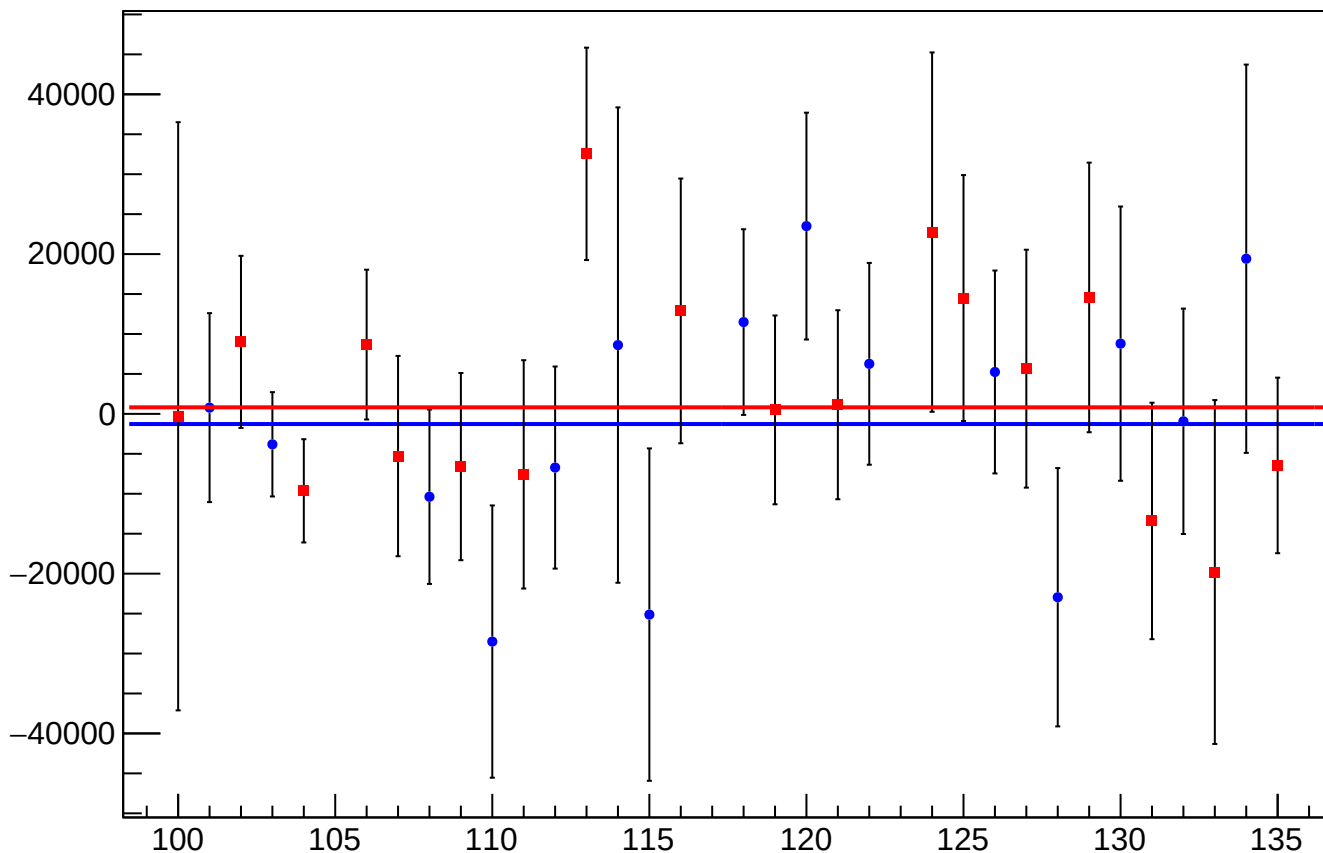
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2469.420+/-0.486 χ^2/NDF : 1047887.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_cor_correction_mean vs Slug



Right In: -1273.339+/-3316.398 χ^2 /NDF: 12.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 819.059+/-2935.400 χ^2 /NDF: 15.9/17

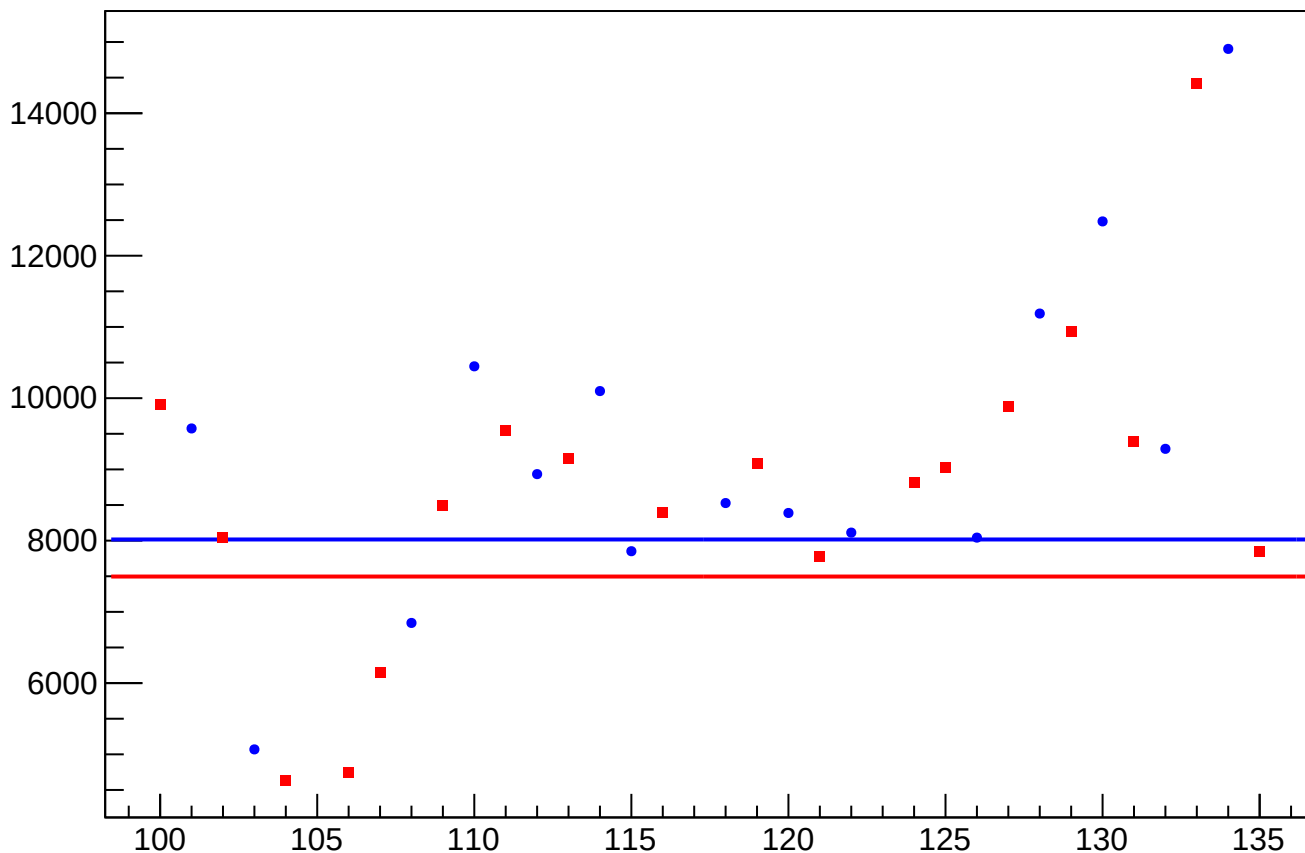
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -100.097+/-2198.057 χ^2 /NDF: 28.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr2_cor_correction_rms vs Slug



Right In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7496.066+/-2.076 χ^2/NDF : 1135165.1/17

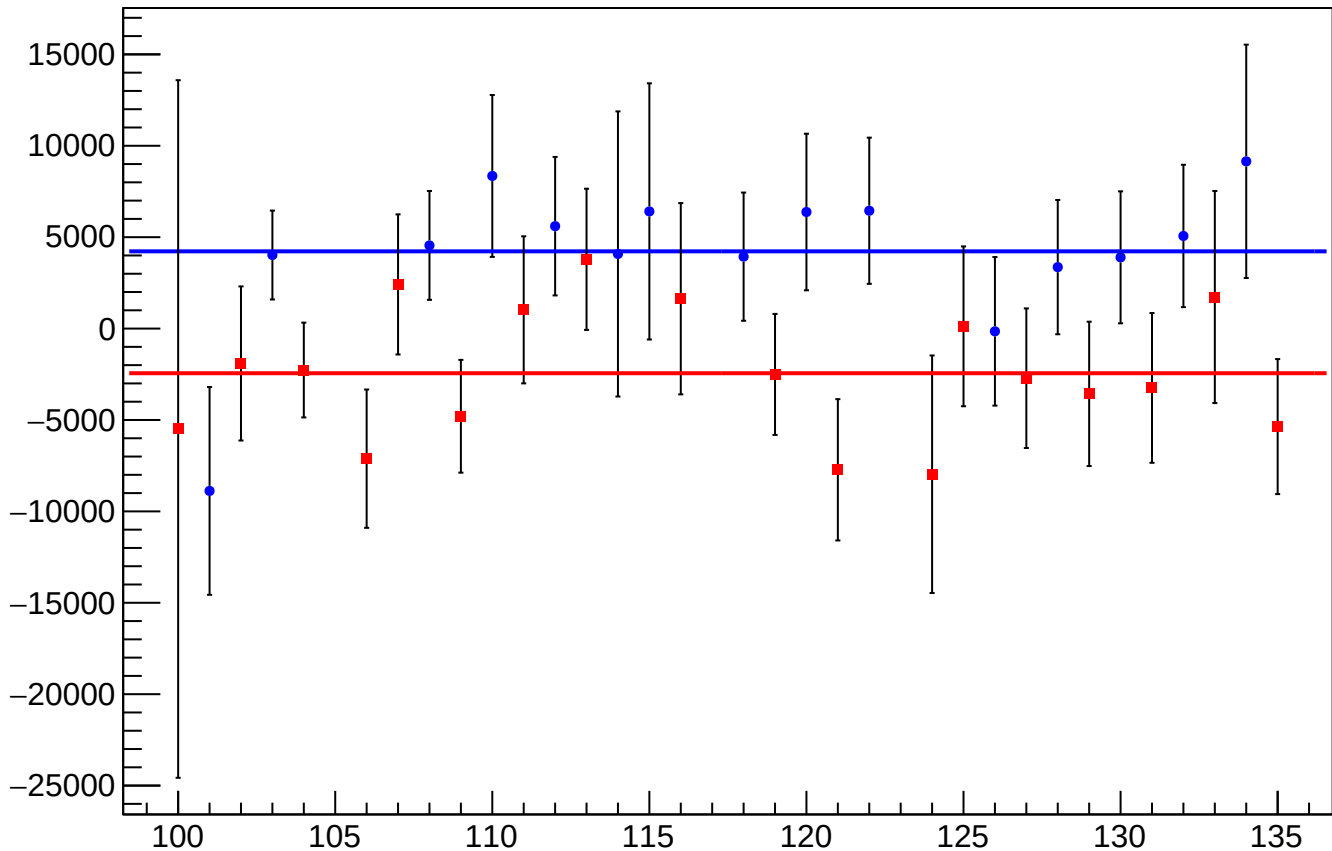
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7724.598+/-1.554 χ^2/NDF : 2083815.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_mean vs Slug



Right In: 4225.036+/-1014.900 χ^2/NDF : 8.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2442.372+/-934.197 χ^2/NDF : 11.9/17

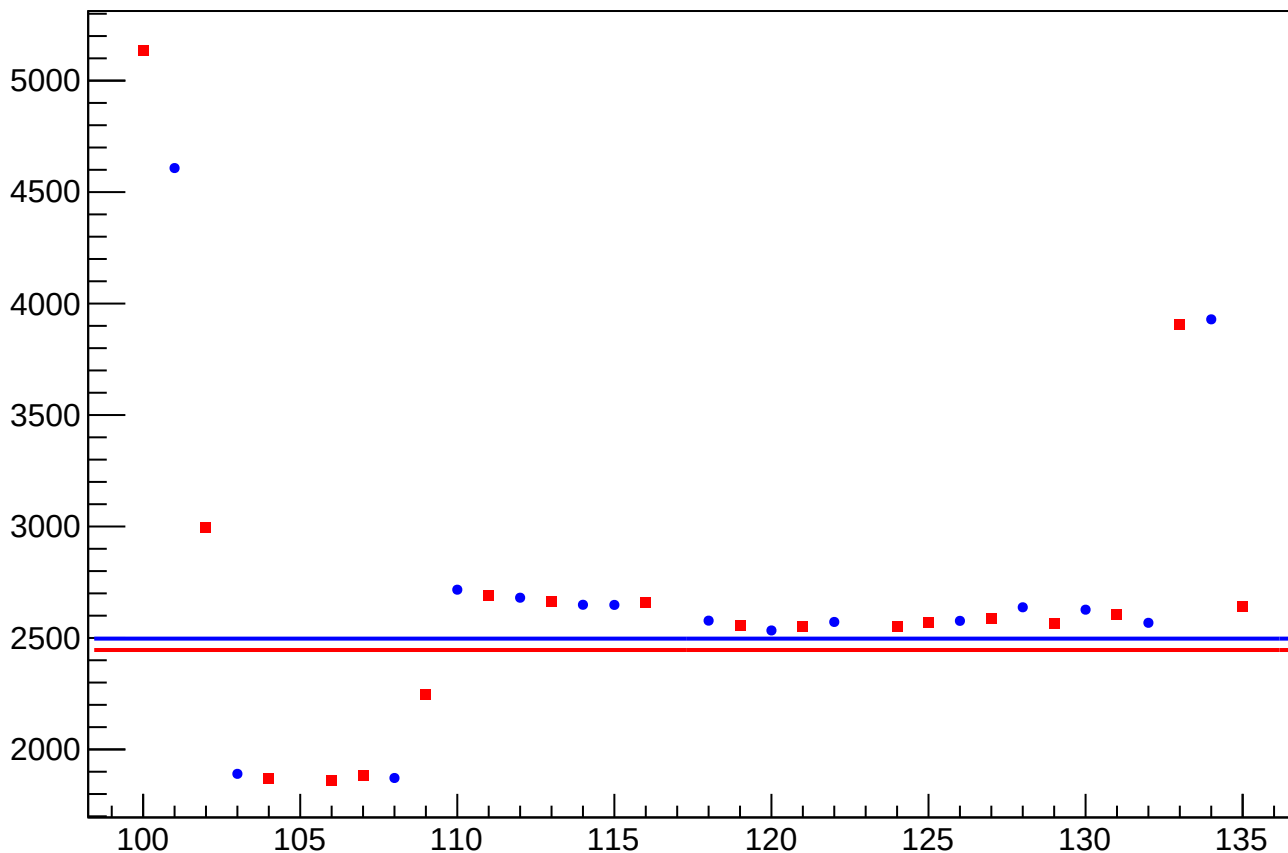
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 615.739+/-687.340 χ^2/NDF : 44.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr2_rms vs Slug



Right In: 2497.083+/-0.718 χ^2/NDF : 609493.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2445.981+/-0.661 χ^2/NDF : 435648.8/17

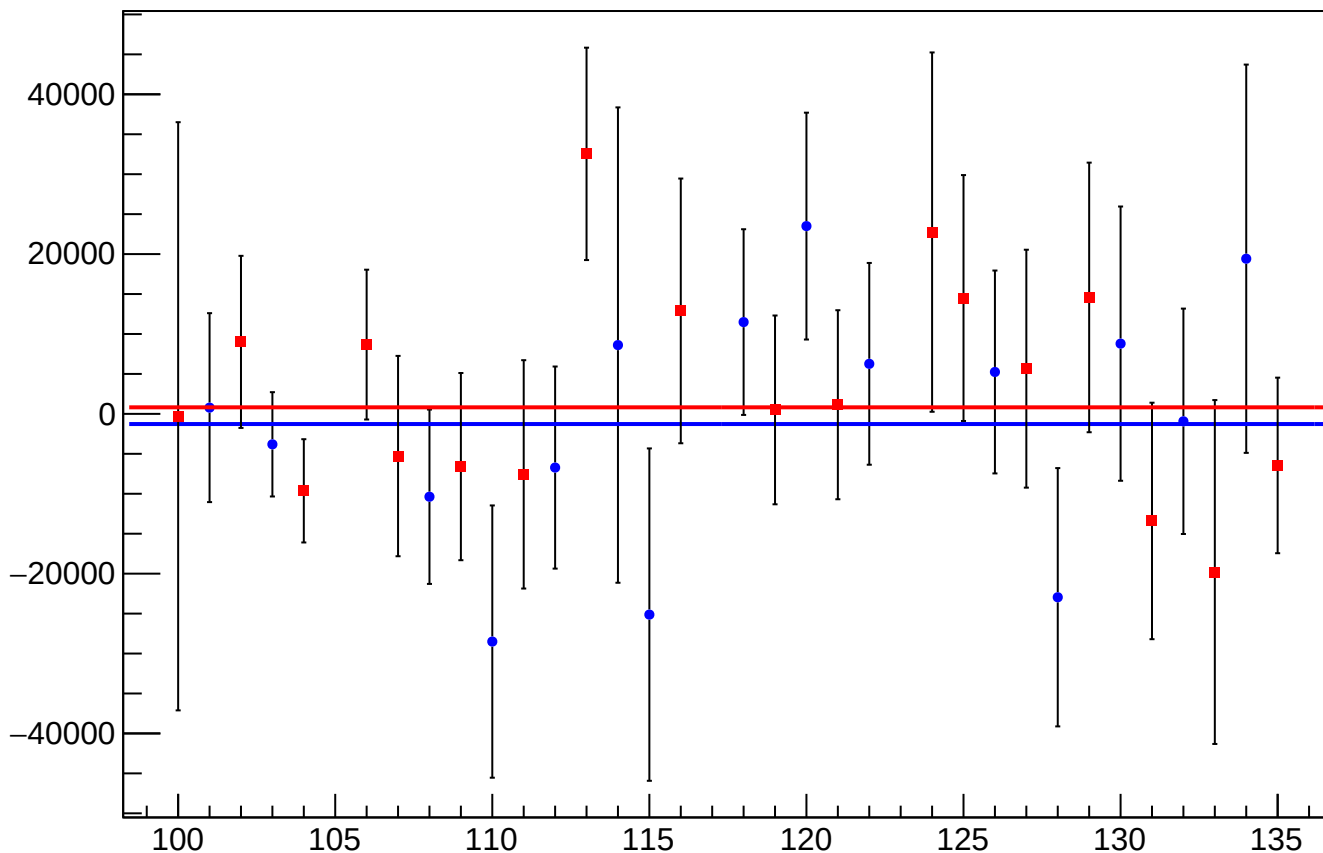
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2469.420+/-0.486 χ^2/NDF : 1047887.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_mean vs Slug



Right In: -1273.339+/-3316.398 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 819.059+/-2935.400 χ^2/NDF : 15.9/17

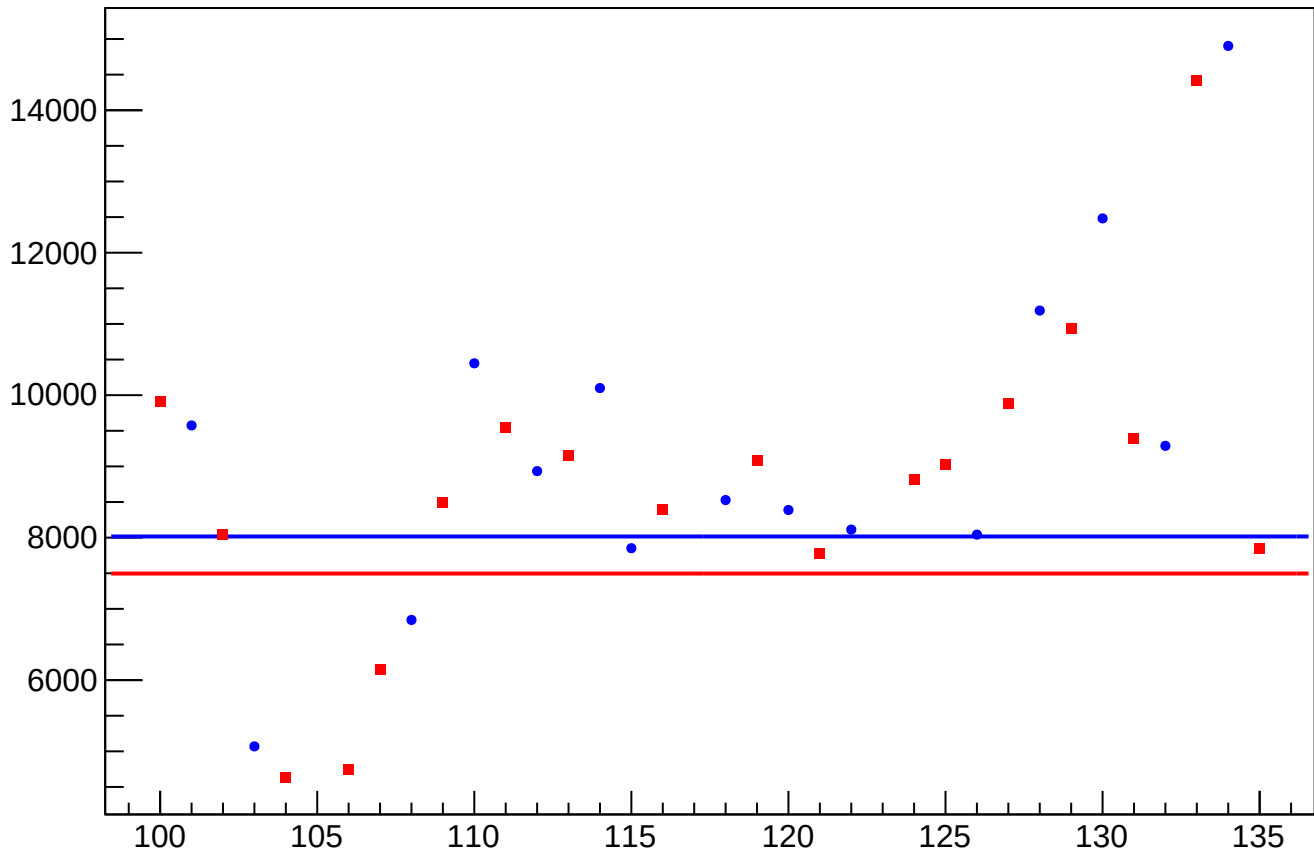
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -100.097+/-2198.057 χ^2/NDF : 28.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_correction_rms vs Slug



Right In: 8016.303+/-2.345 χ^2/NDF : 921054.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

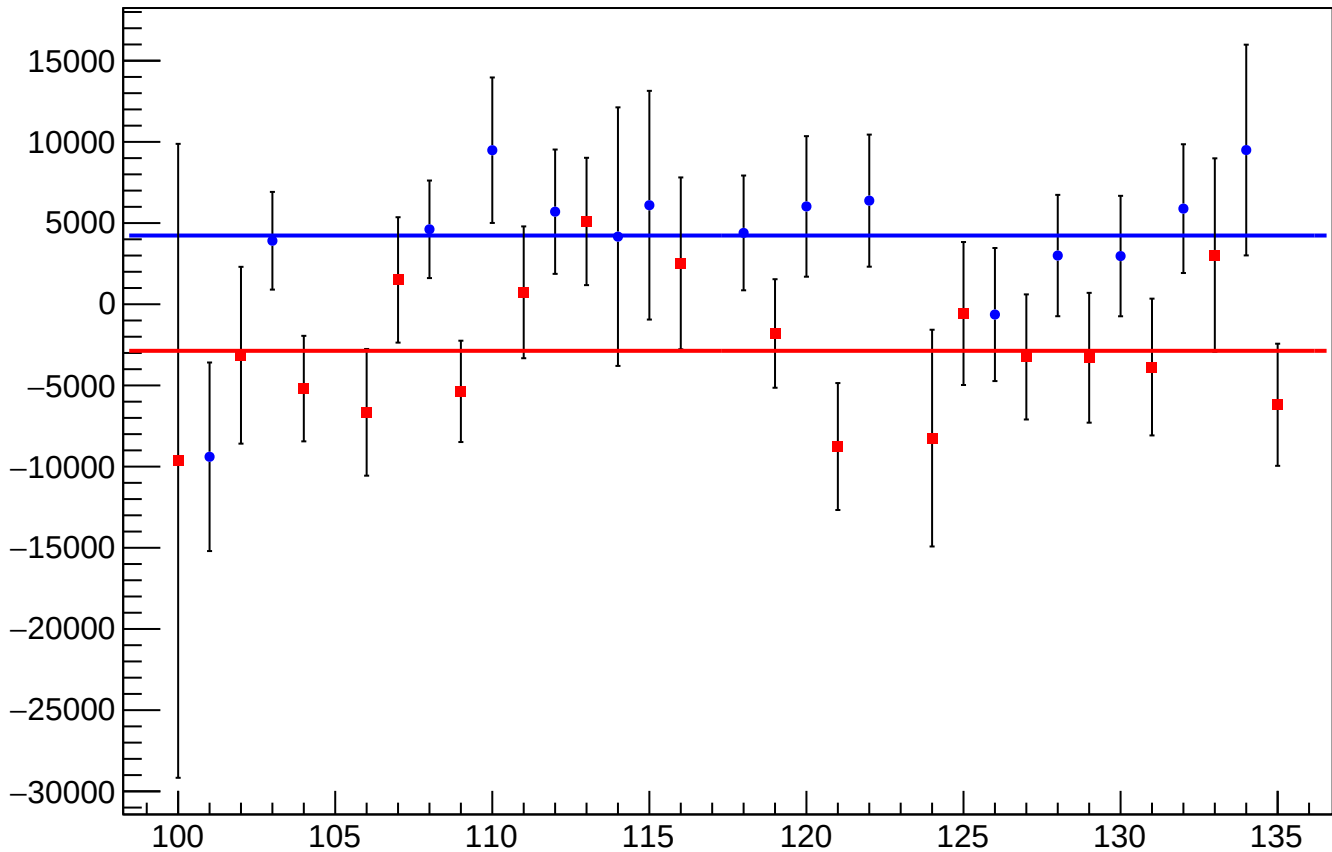
Right Out: 7496.066+/-2.076 χ^2/NDF : 1135165.1/17

All: 7724.598+/-1.554 χ^2/NDF : 2083815.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr2_mean vs Slug



Right In: 4232.690 $\pm$ 1060.081 χ^2 /NDF: 10.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2868.442 $\pm$ 979.613 χ^2 /NDF: 14.6/17

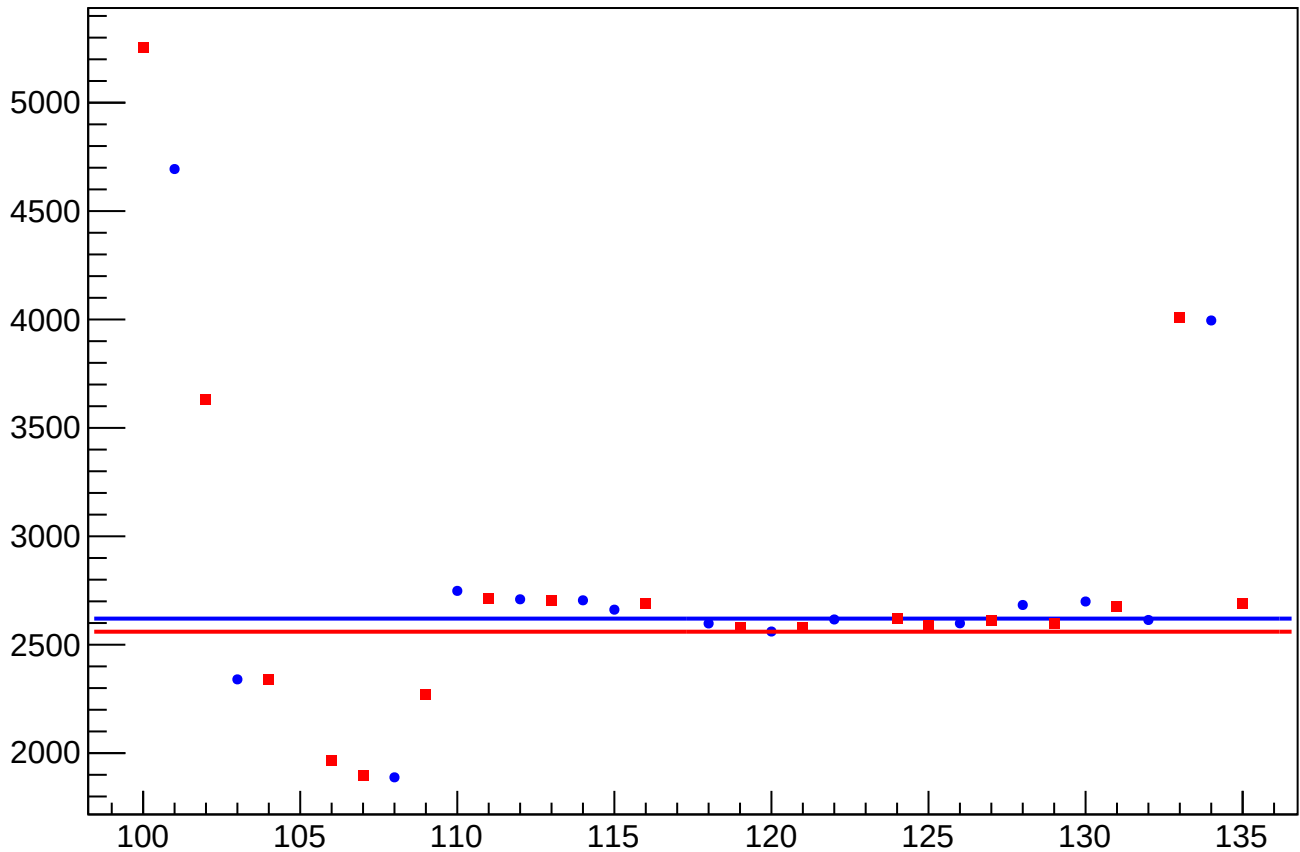
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 402.415 $\pm$ 719.459 χ^2 /NDF: 48.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr2_rms vs Slug



Right In: 2620.437+/-0.750 χ^2/NDF : 485910.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

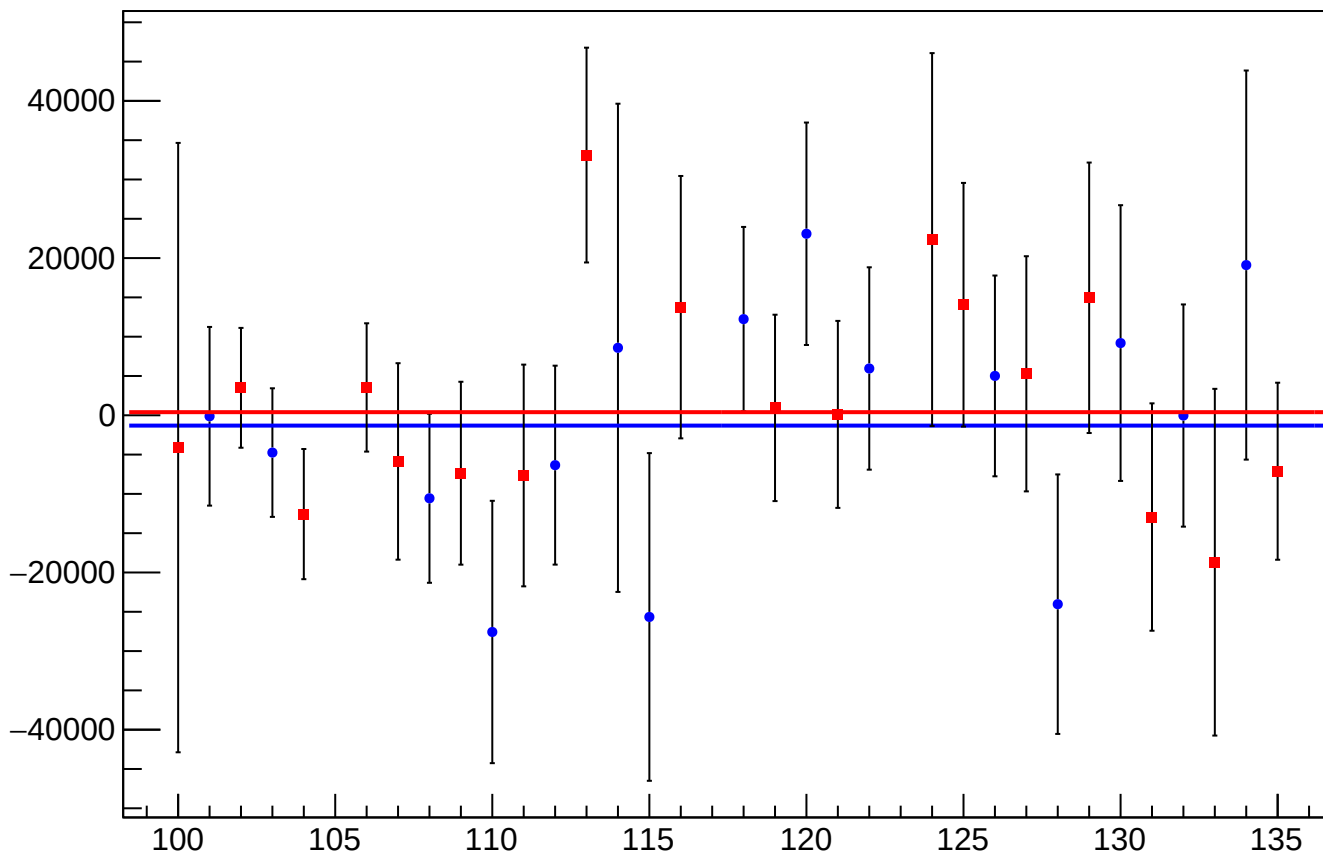
Right Out: 2560.017+/-0.692 χ^2/NDF : 378039.6/17

All: 2587.829+/-0.509 χ^2/NDF : 867456.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_mean vs Slug



Right In: -1312.529 ± 3481.898 χ^2/NDF : 12.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 397.187 ± 2912.220 χ^2/NDF : 14.7/17

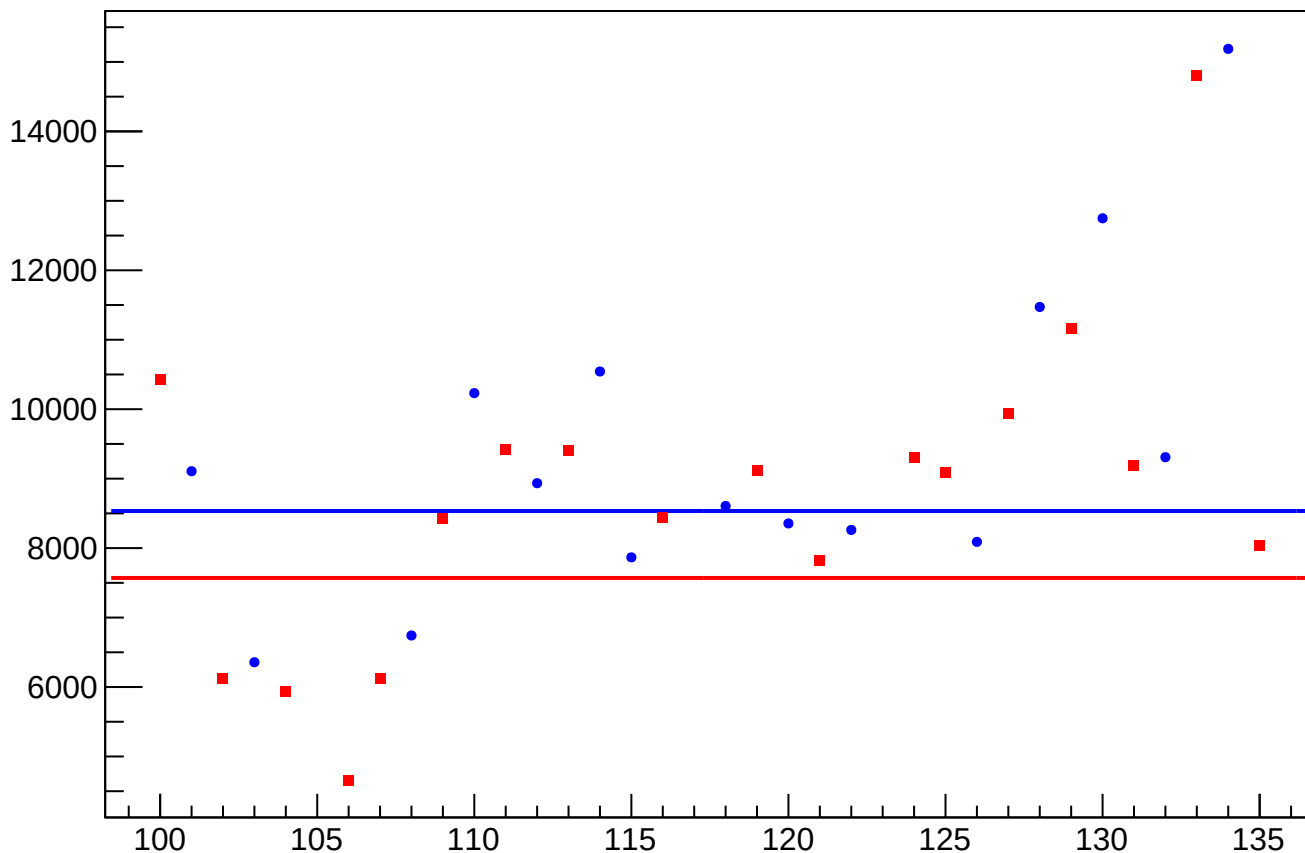
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -306.545 ± 2233.869 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_correction_rms vs Slug



Right In: 8534.473+/-2.462 χ^2/NDF : 568410.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7570.383+/-2.059 χ^2/NDF : 973456.3/17

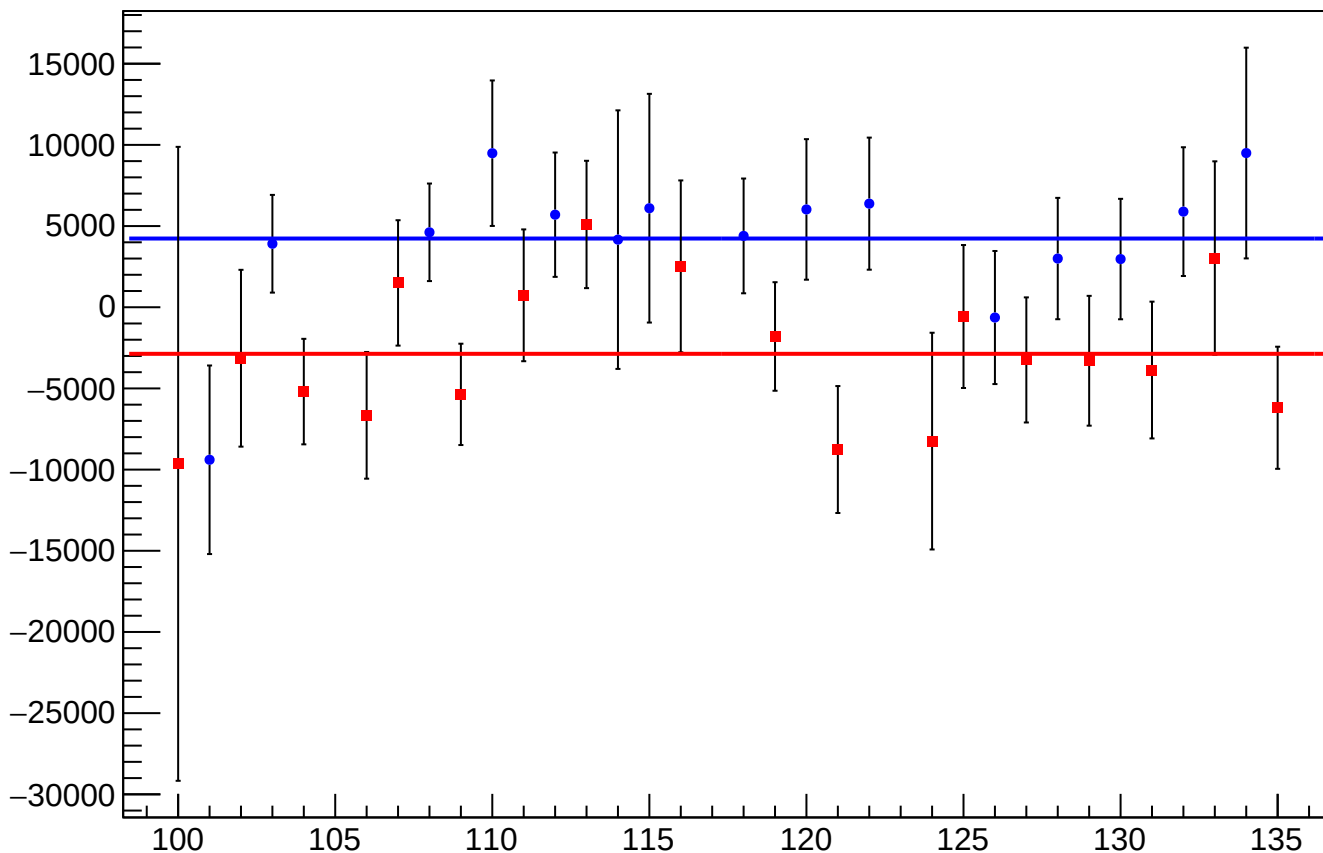
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7967.210+/-1.580 χ^2/NDF : 1632086.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr2_mean vs Slug



Right In: 4232.687+/-1060.080 χ^2/NDF : 10.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2868.454+/-979.613 χ^2/NDF : 14.6/17

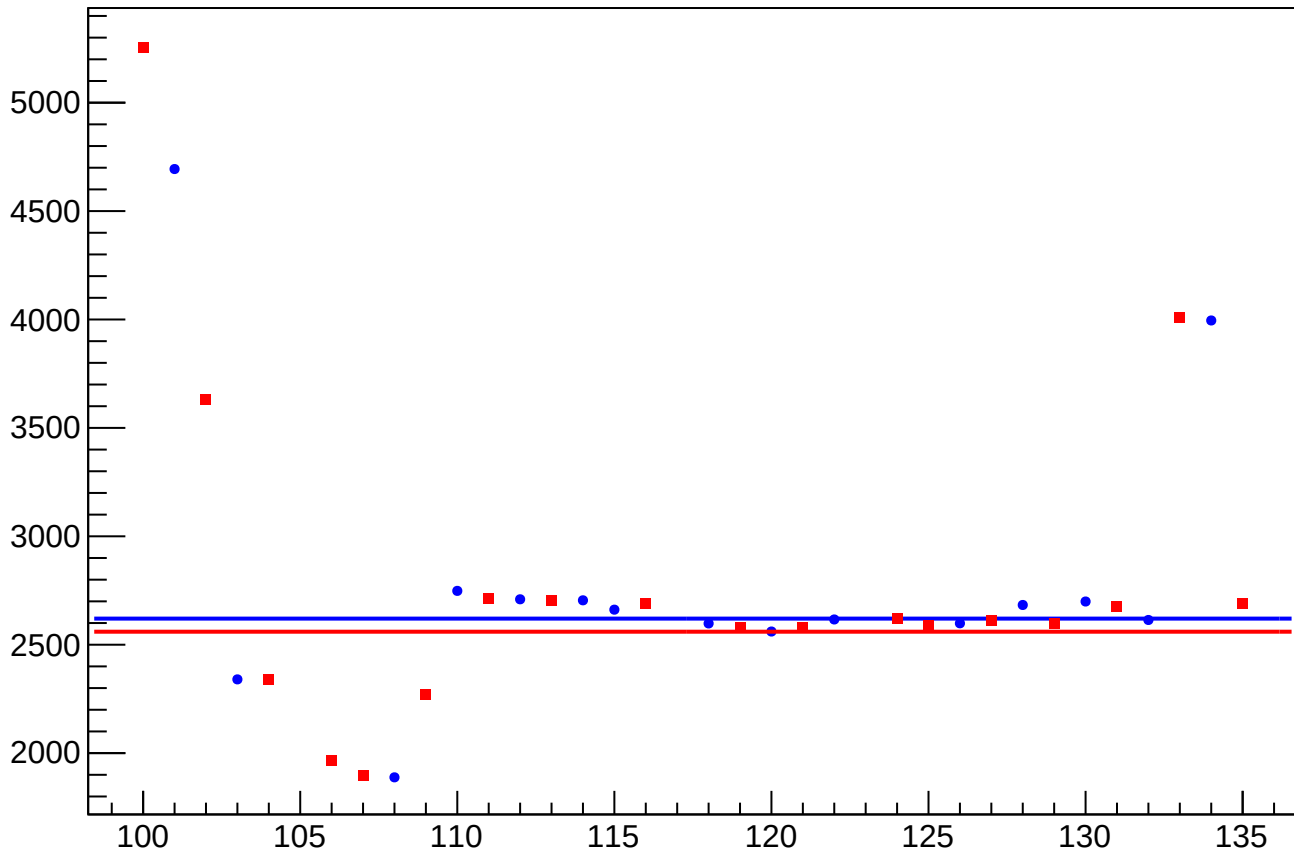
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 402.408+/-719.458 χ^2/NDF : 48.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr2_rms vs Slug



Right In: 2620.436+/-0.750 χ^2/NDF : 485910.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2560.017+/-0.692 χ^2/NDF : 378039.0/17

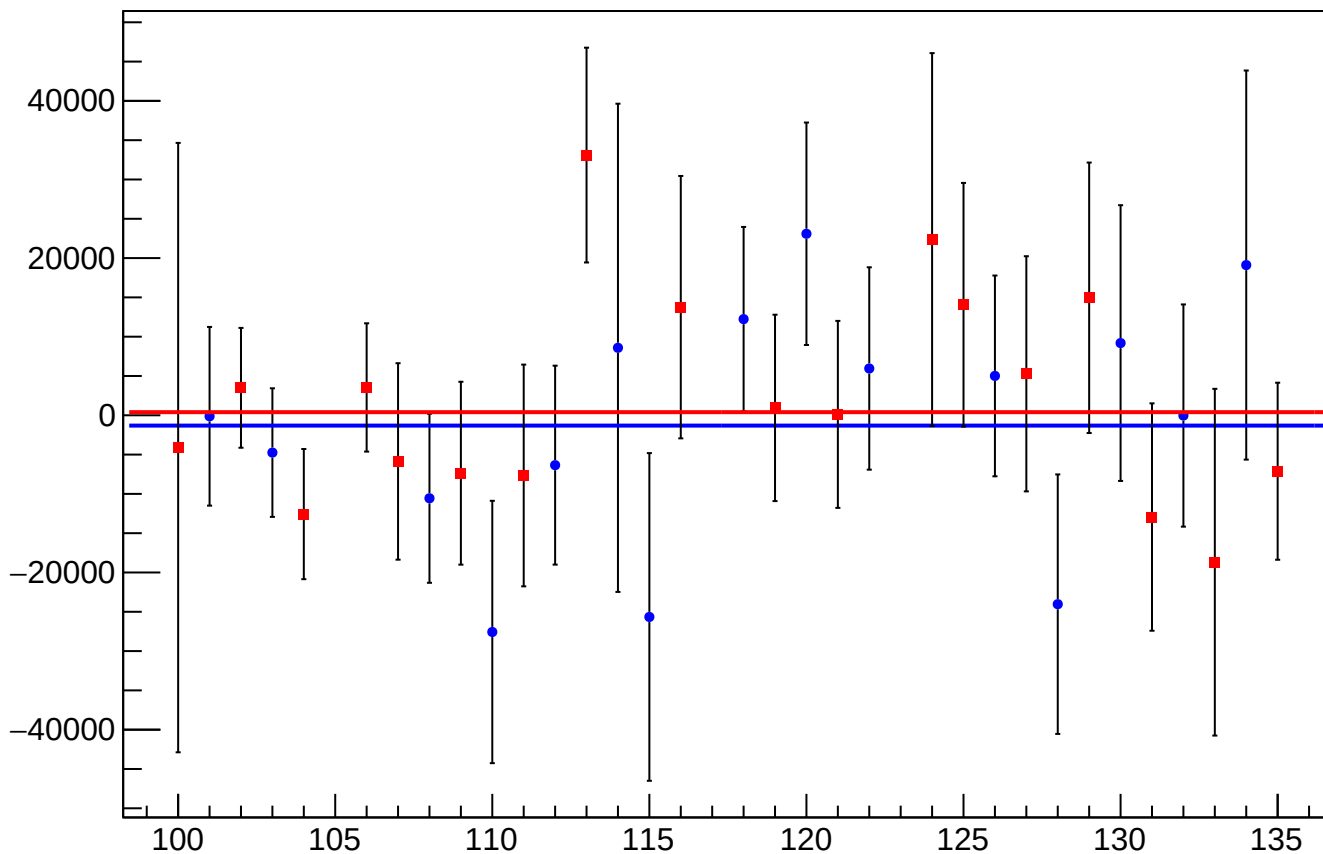
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2587.828+/-0.509 χ^2/NDF : 867455.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_mean vs Slug



Right In: -1312.517 ± 3481.890 χ^2/NDF : 12.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 397.185 ± 2912.215 χ^2/NDF : 14.7/17

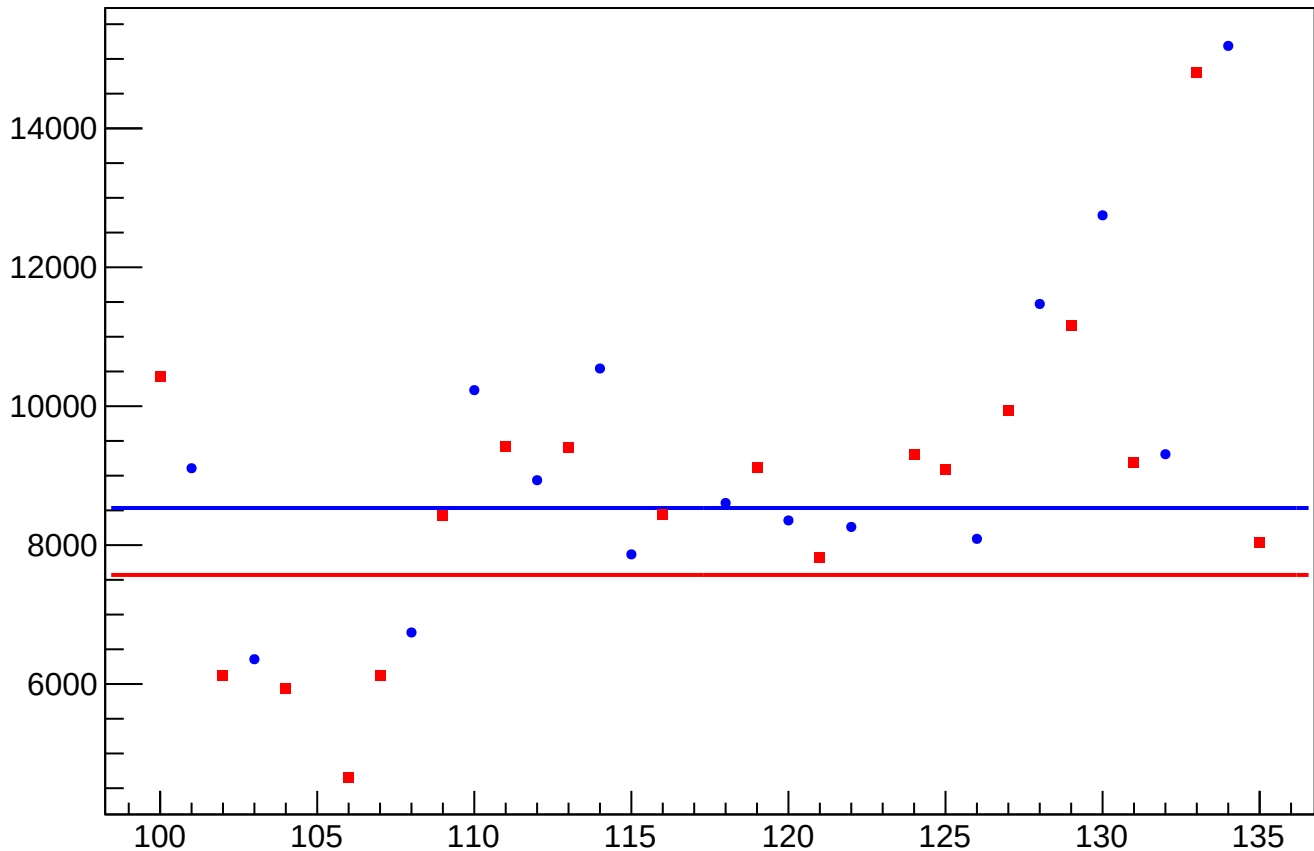
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -306.542 ± 2233.865 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_correction_rms vs Slug



Right In: 8534.456+/-2.462 χ^2/NDF : 568406.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7570.370+/-2.059 χ^2/NDF : 973452.5/17

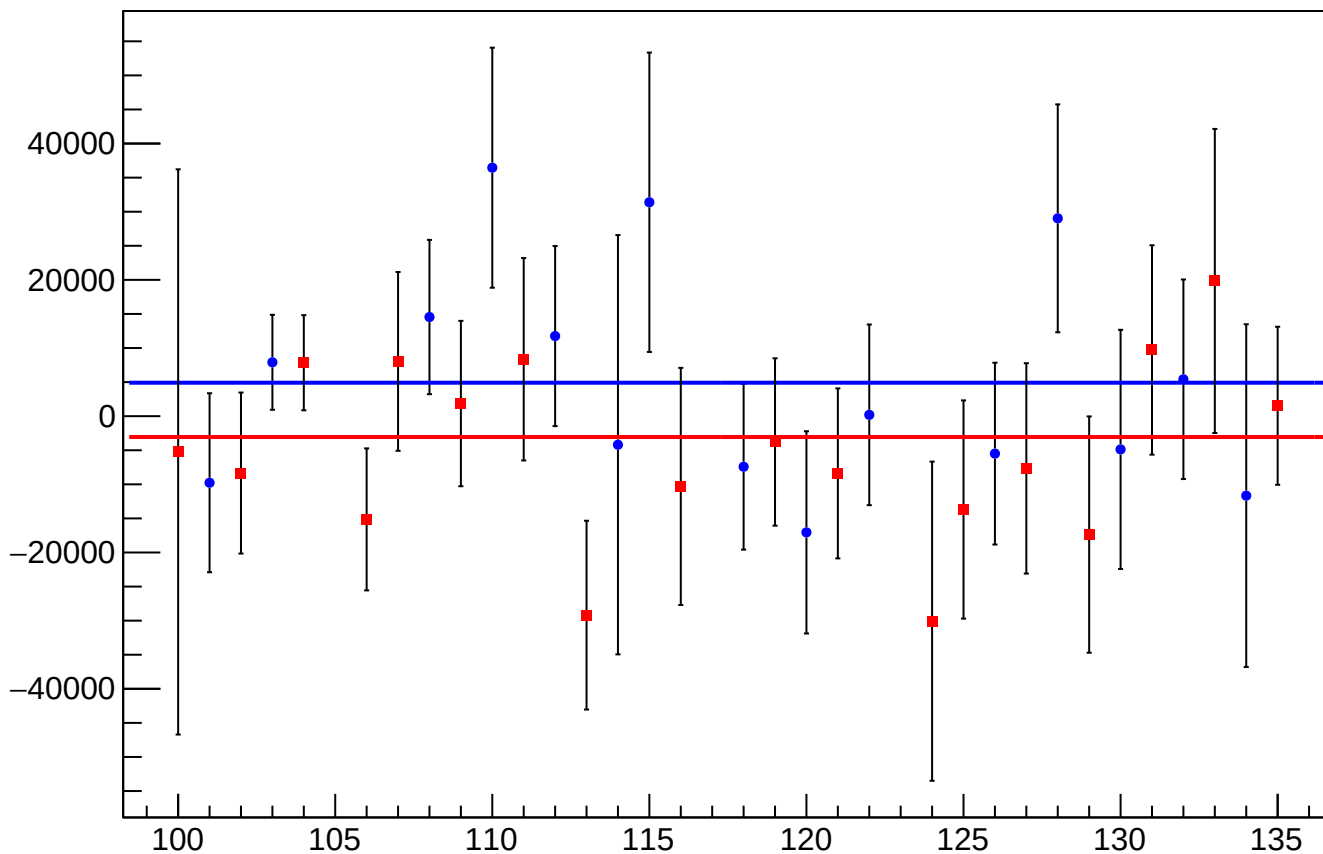
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7967.195+/-1.580 χ^2/NDF : 1632077.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_mean vs Slug



Right In: 4911.004+/-3492.591 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3058.306+/-3113.624 χ^2/NDF : 13.8/17

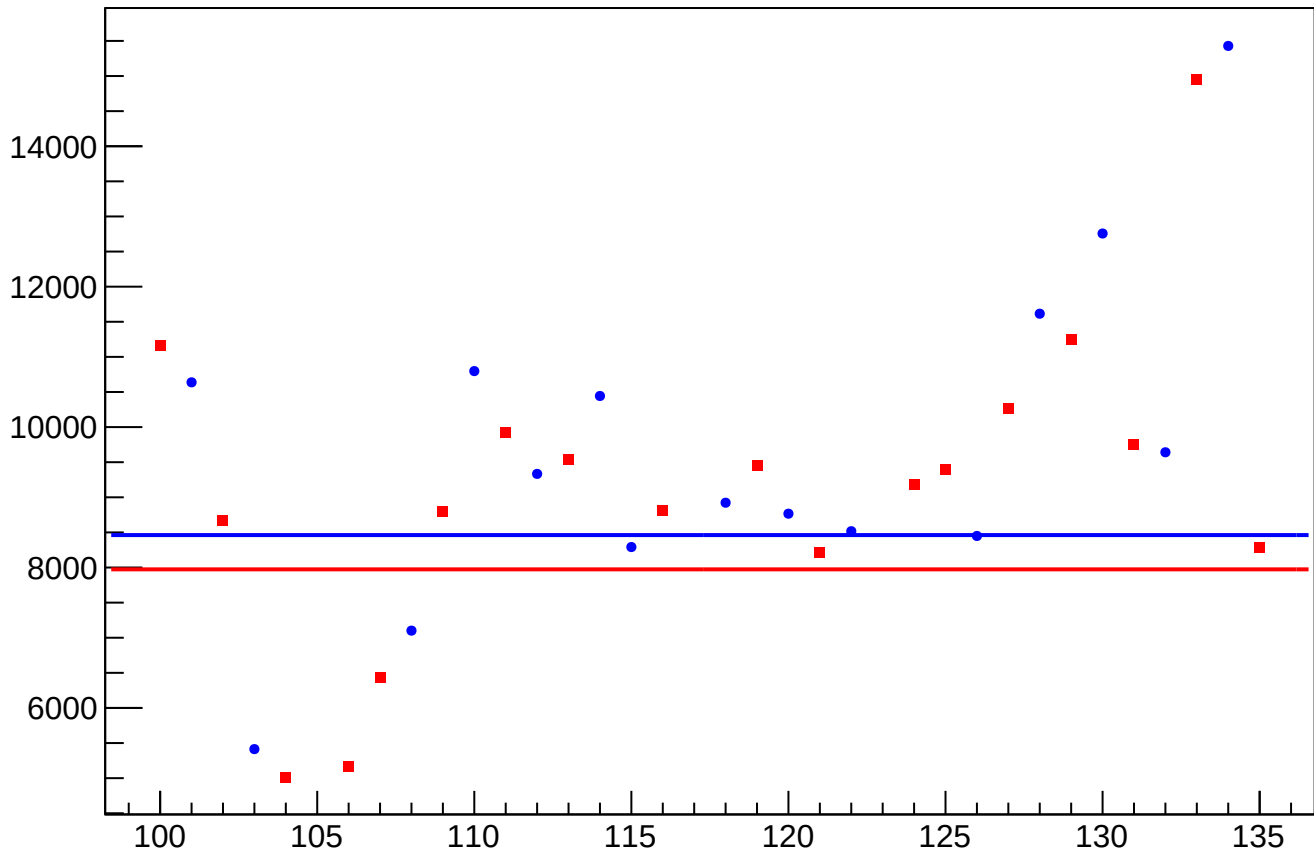
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 470.686+/-2324.143 χ^2/NDF : 30.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_rms vs Slug



Right In: 8462.065+/-2.470 χ^2/NDF : 880015.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

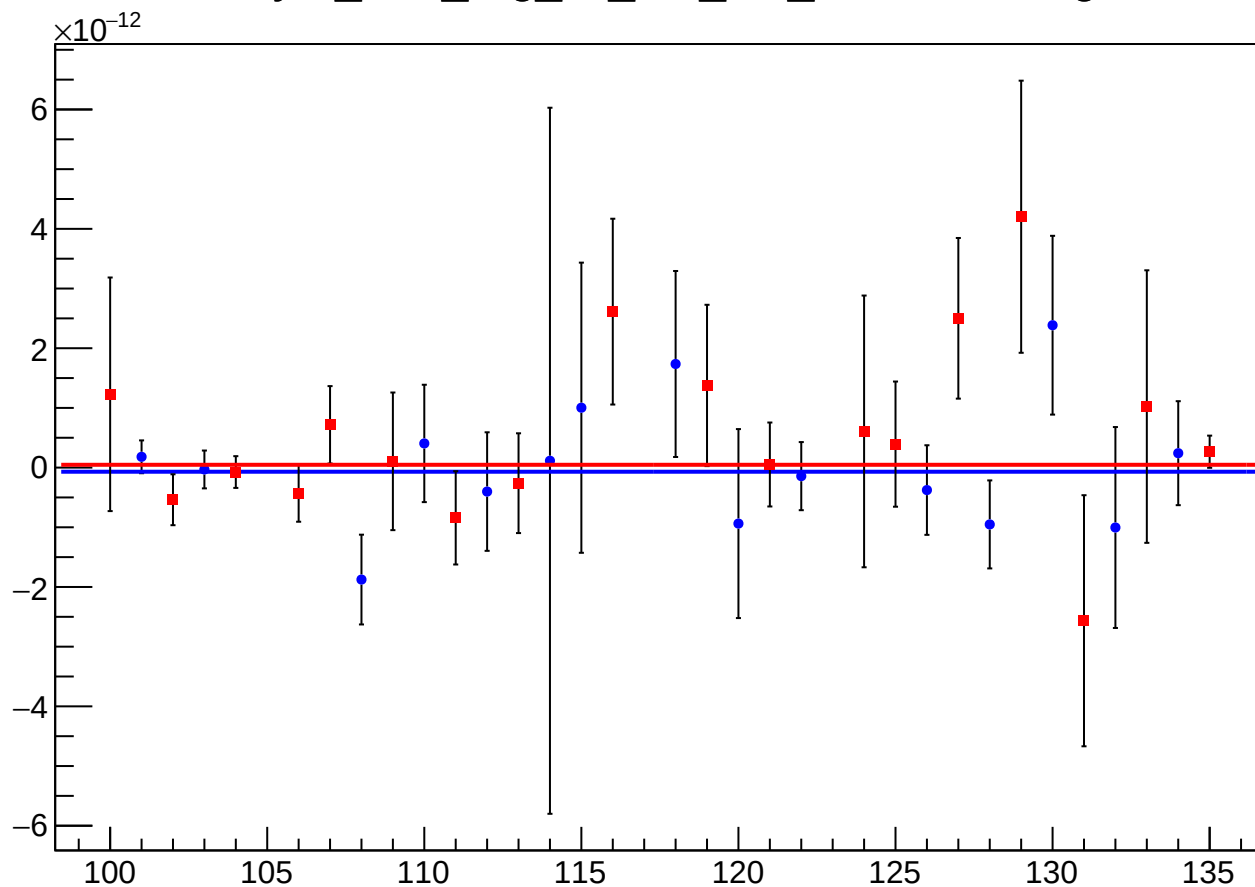
Right Out: 7973.860+/-2.202 χ^2/NDF : 1015829.2/17

All: 8190.043+/-1.643 χ^2/NDF : 1917618.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.9/17

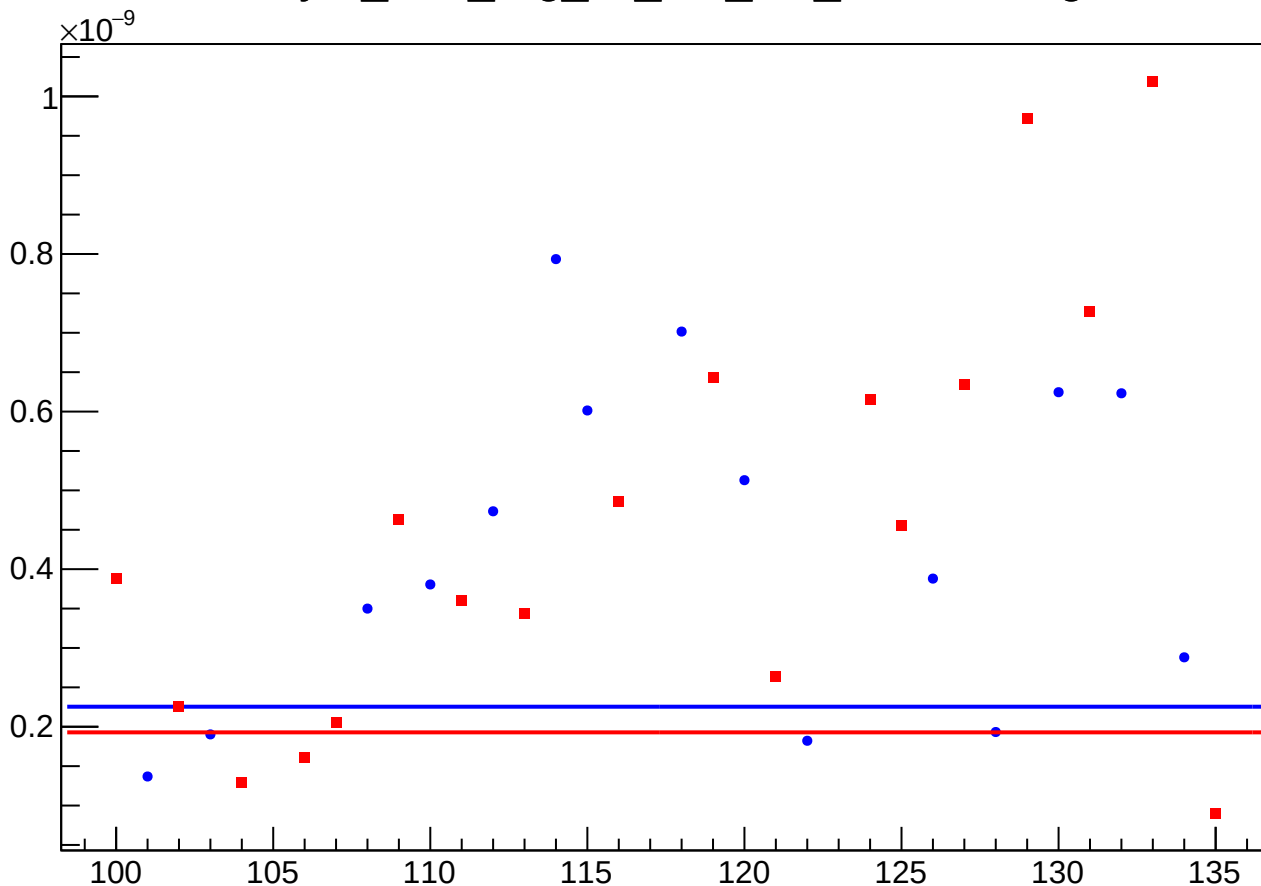
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 32.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1153534.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2062778.4/17

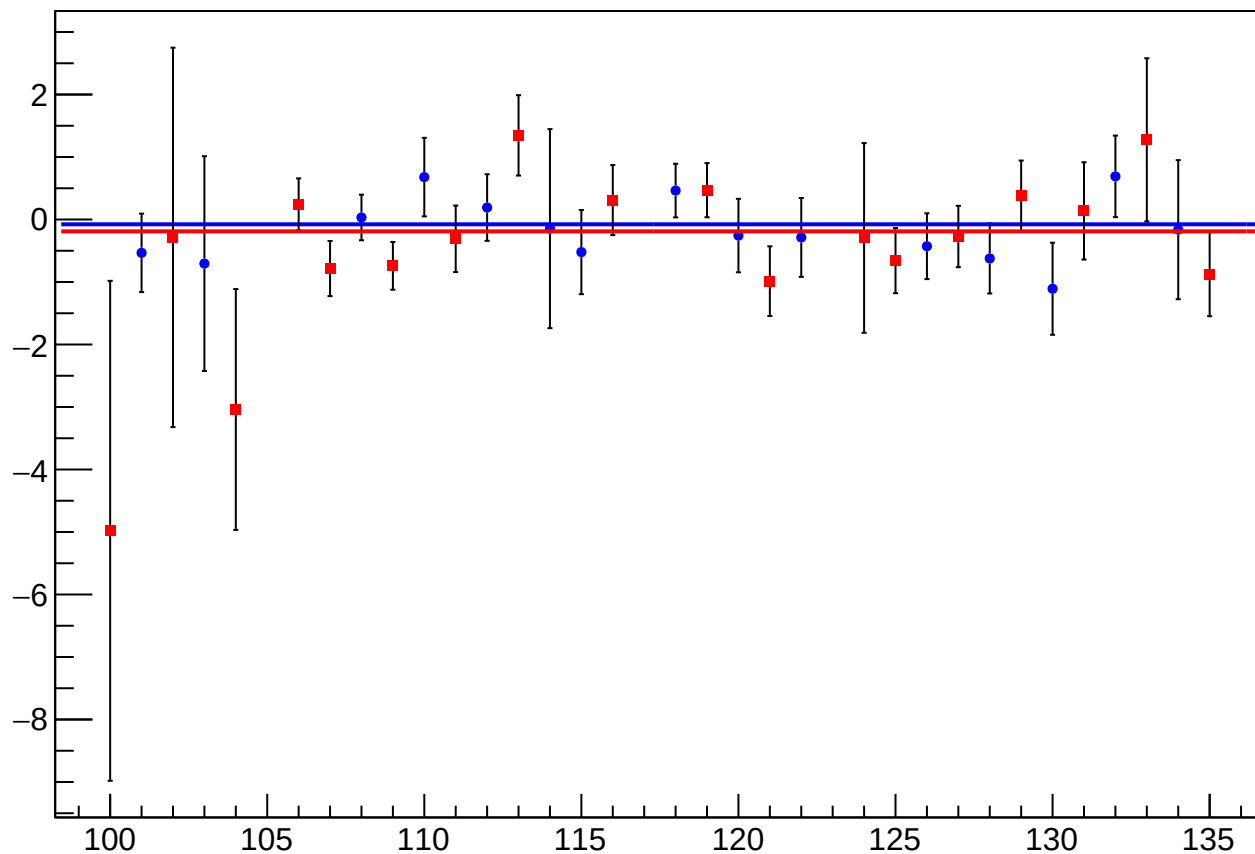
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3261082.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_dit_vs_cor_diff_mean vs Slug



Right In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 0.139 χ^2/NDF : 23.8/17

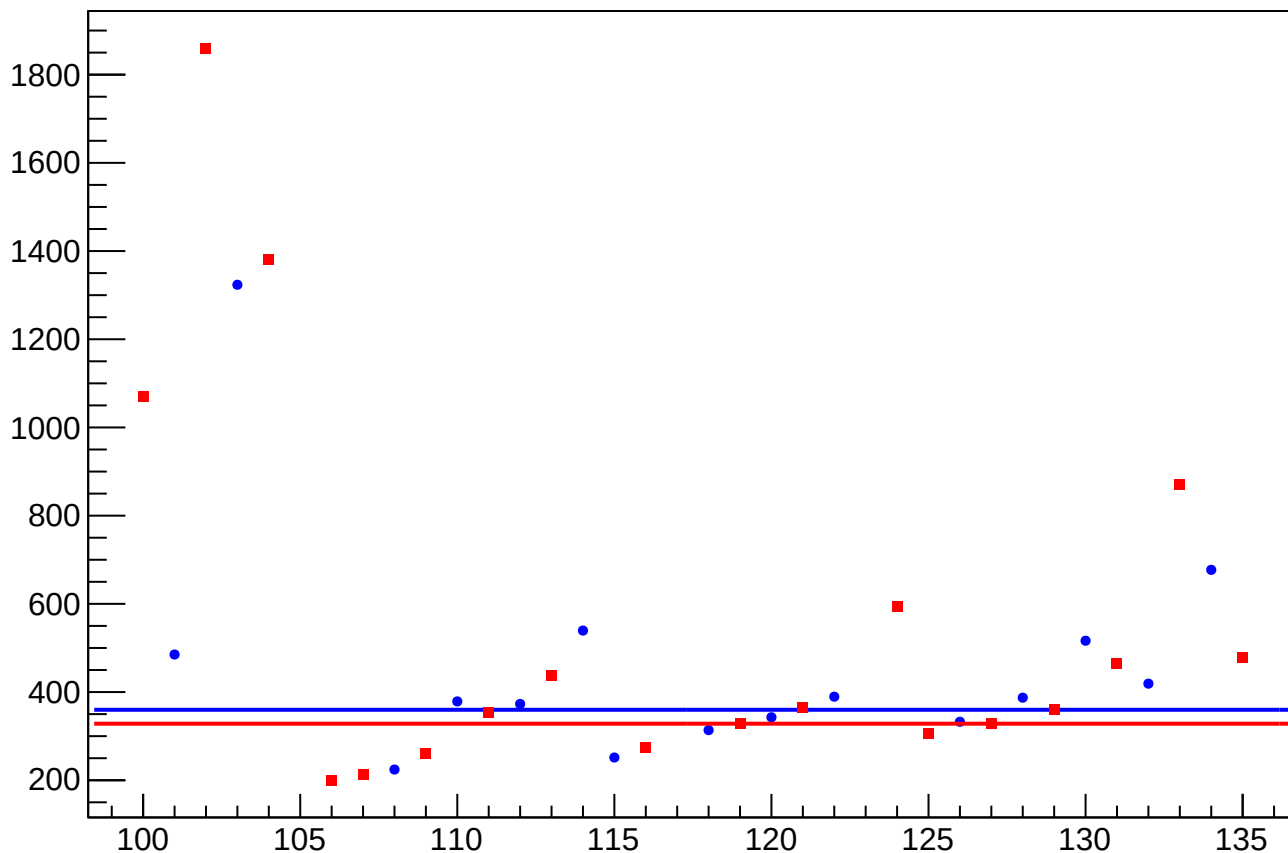
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.139 ± 0.103 χ^2/NDF : 33.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_cor_diff_rms vs Slug



Right In: 359.828+/-0.110 χ^2/NDF : 1374132.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.297+/-0.098 χ^2/NDF : 2232130.3/17

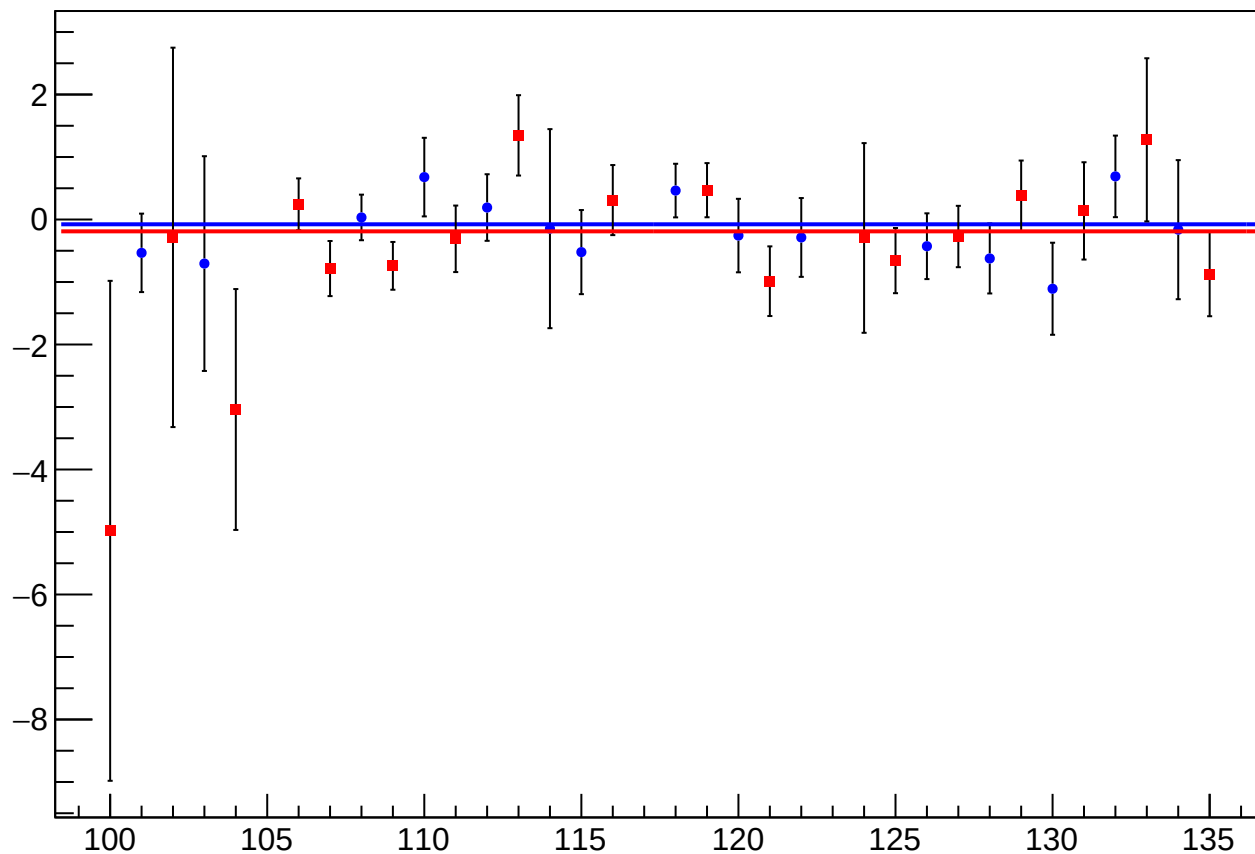
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.367+/-0.073 χ^2/NDF : 3652172.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.076 ± 0.155 χ^2/NDF : 9.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 0.139 χ^2/NDF : 23.8/17

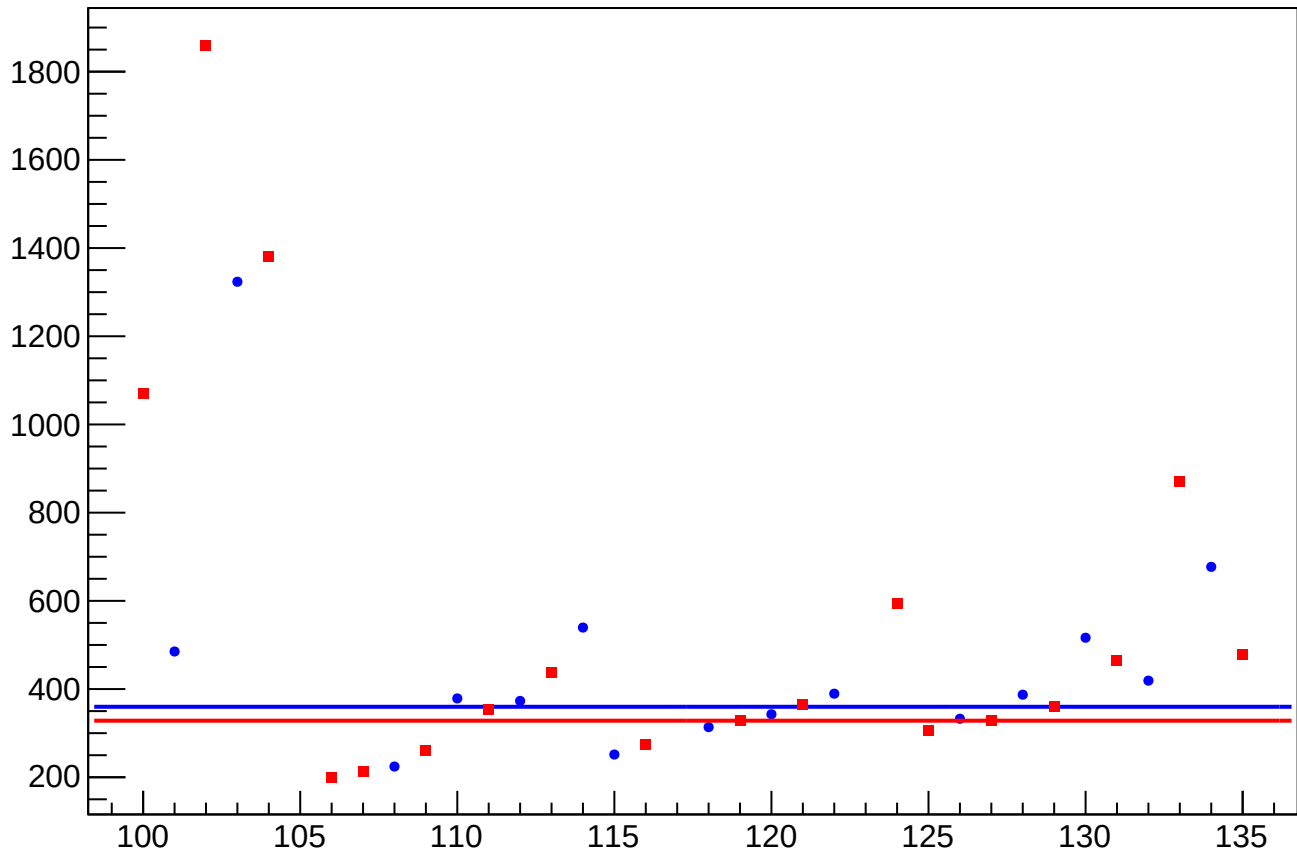
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.139 ± 0.103 χ^2/NDF : 33.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 359.828+/-0.110 χ^2/NDF : 1374132.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

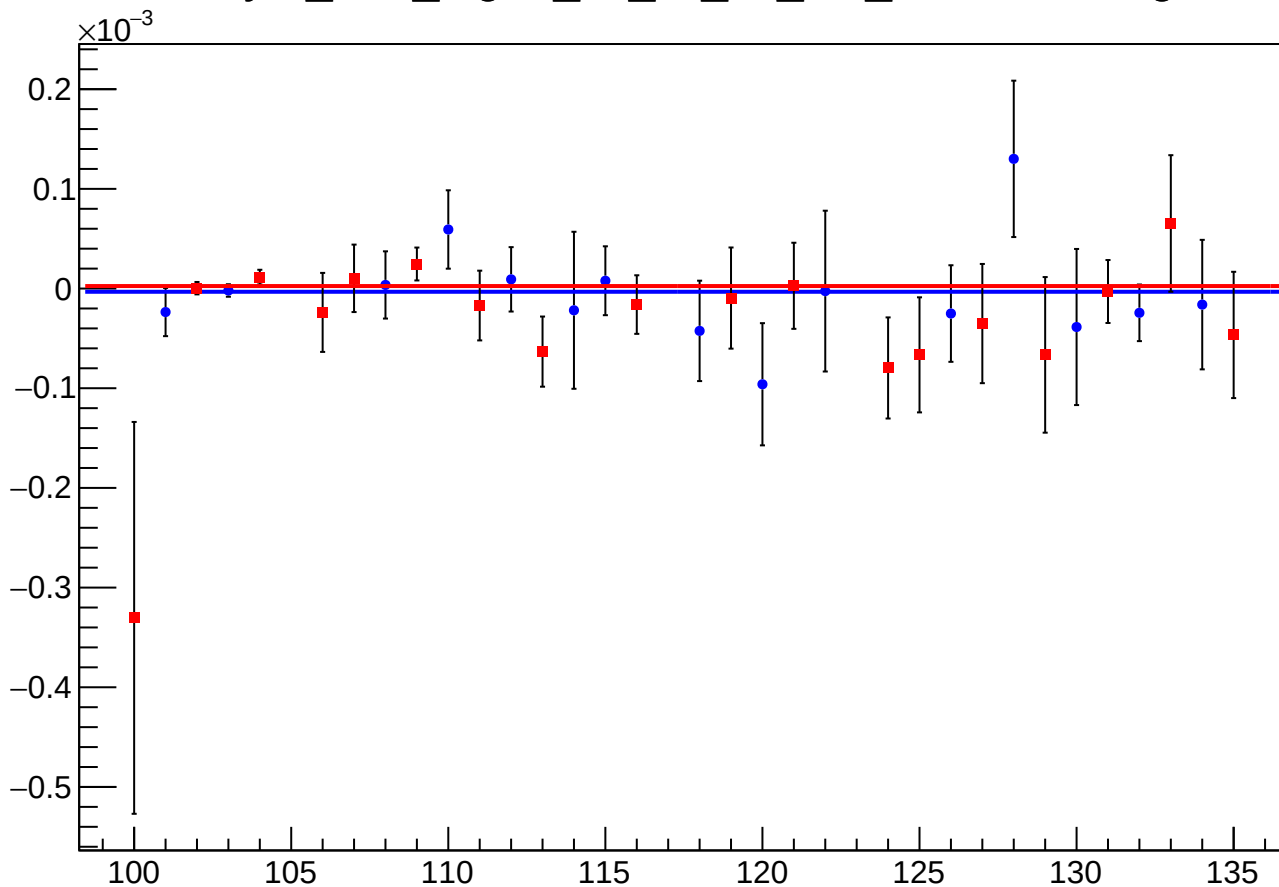
Right Out: 328.297+/-0.098 χ^2/NDF : 2232130.3/17

All: 342.367+/-0.073 χ^2/NDF : 3652172.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 17.7/17

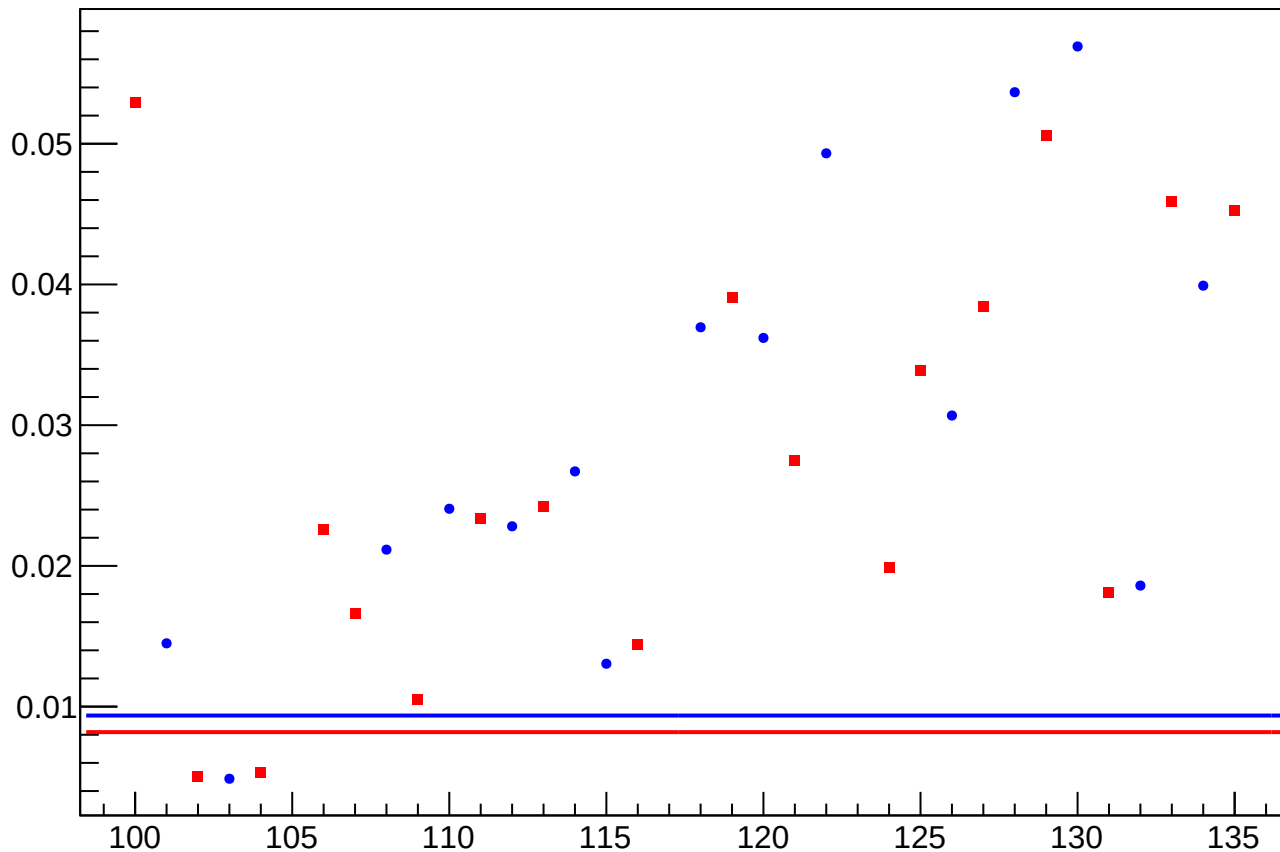
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 28.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 5997613.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.008 $\pm$ 0.000 χ^2 /NDF: 6479274.3/17

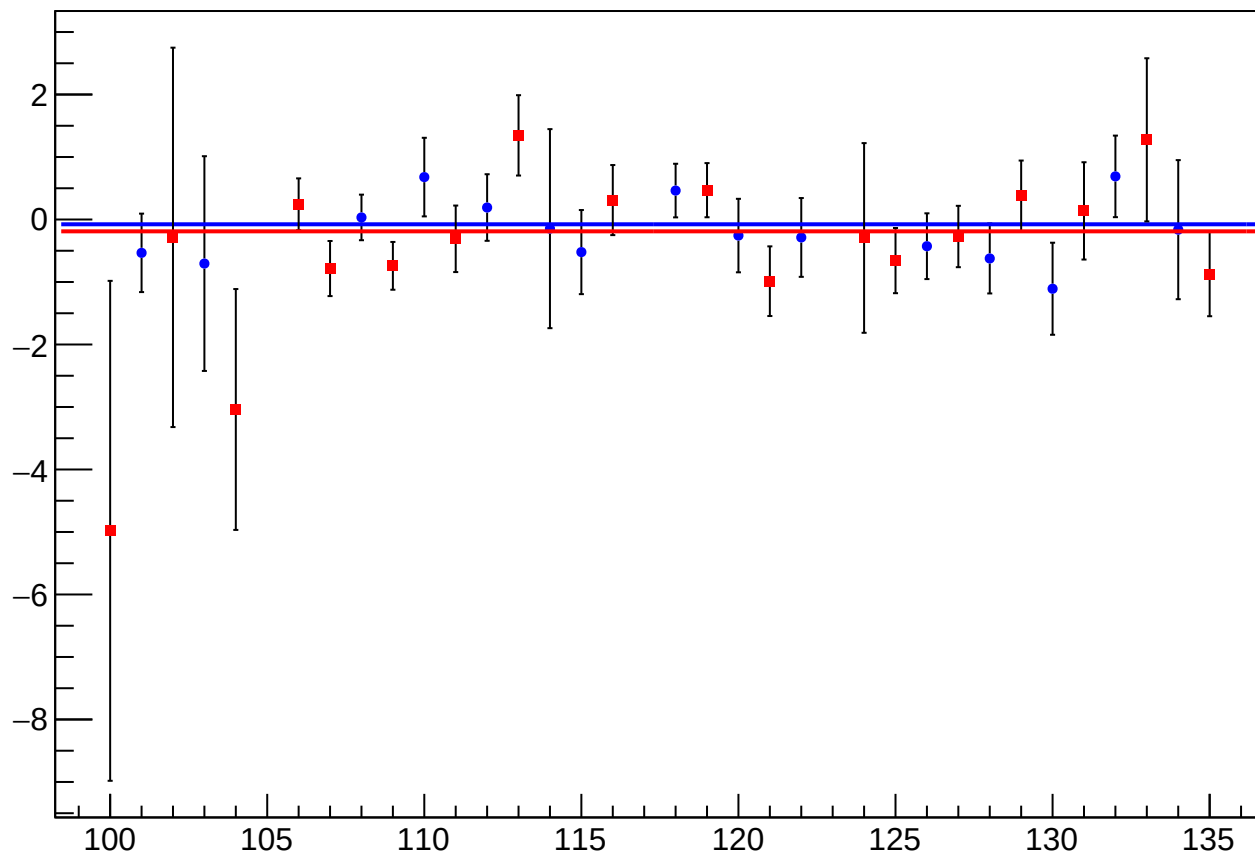
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 12535330.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.077 ± 0.155 χ^2/NDF : 9.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 0.139 χ^2/NDF : 23.8/17

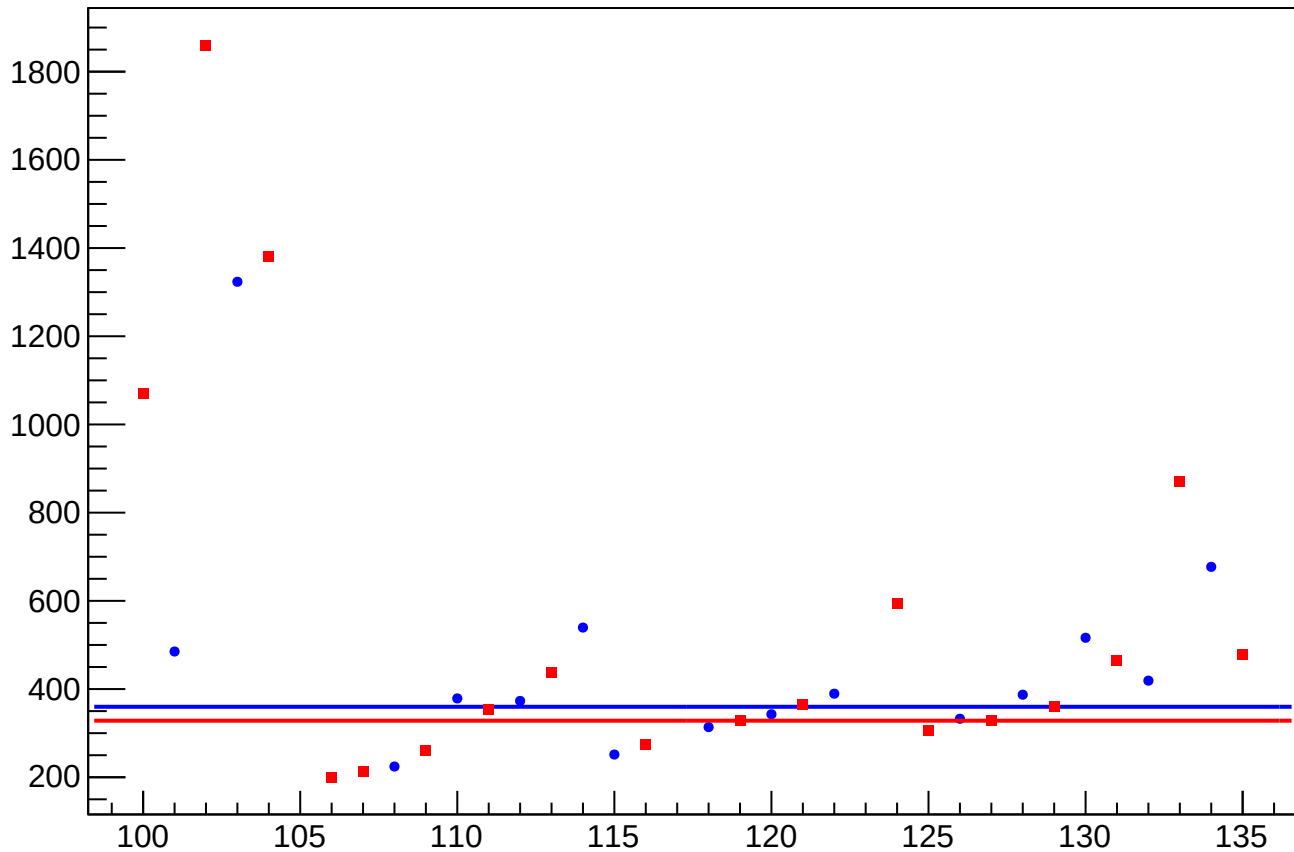
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.139 ± 0.103 χ^2/NDF : 33.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 359.824+/-0.110 χ^2/NDF : 1374129.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

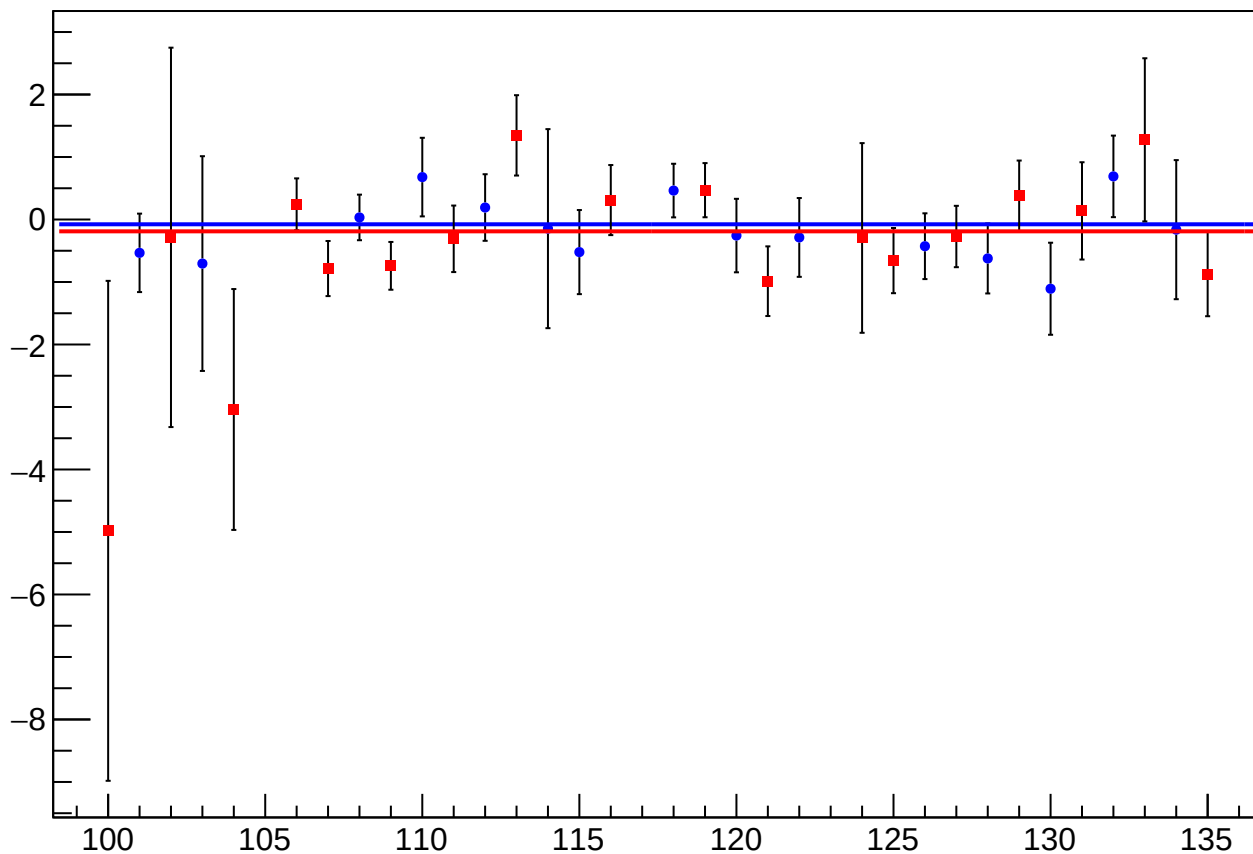
Right Out: 328.296+/-0.098 χ^2/NDF : 2232115.3/17

All: 342.364+/-0.073 χ^2/NDF : 3652146.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.077 ± 0.155 χ^2/NDF : 9.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.189 ± 0.139 χ^2/NDF : 23.8/17

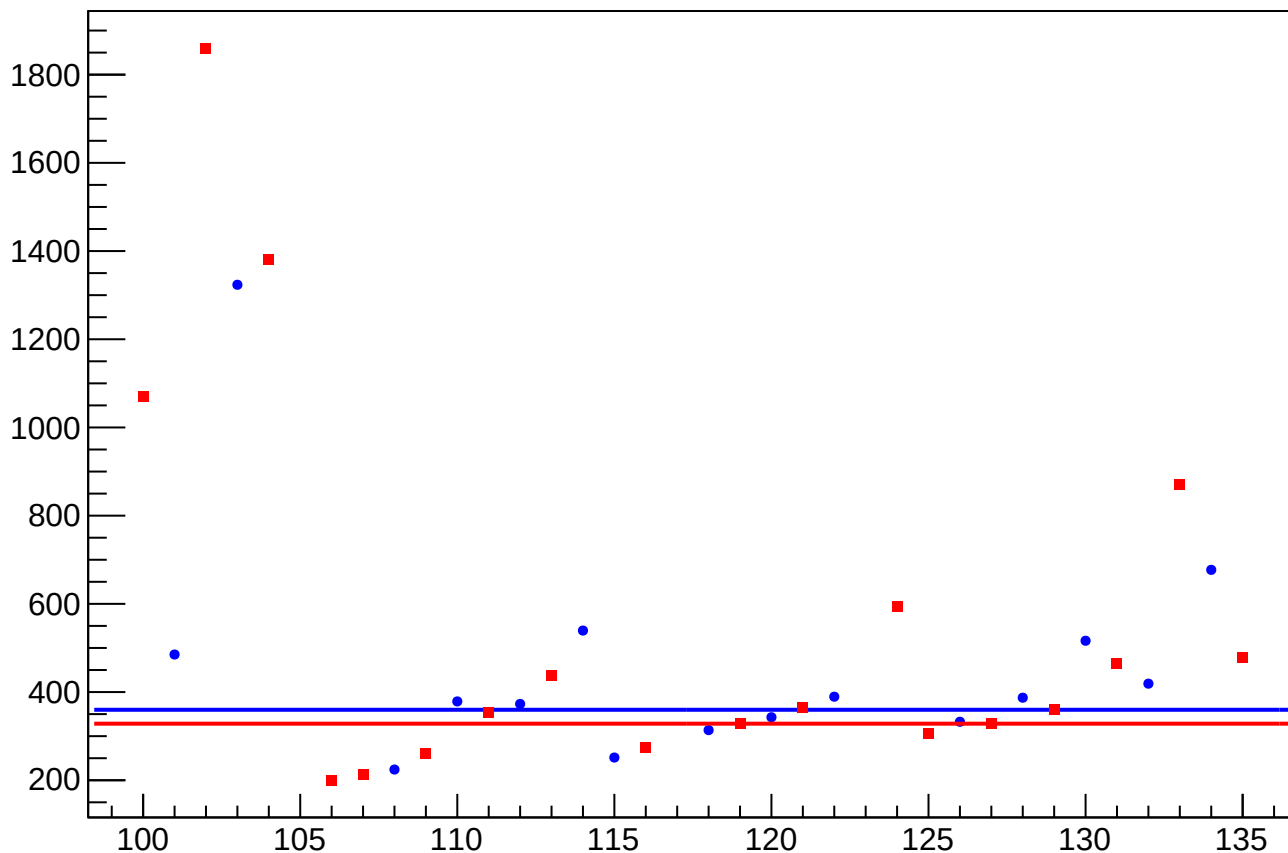
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.139 ± 0.103 χ^2/NDF : 33.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 359.824+/-0.110 χ^2/NDF : 1374129.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 328.296+/-0.098 χ^2/NDF : 2232115.3/17

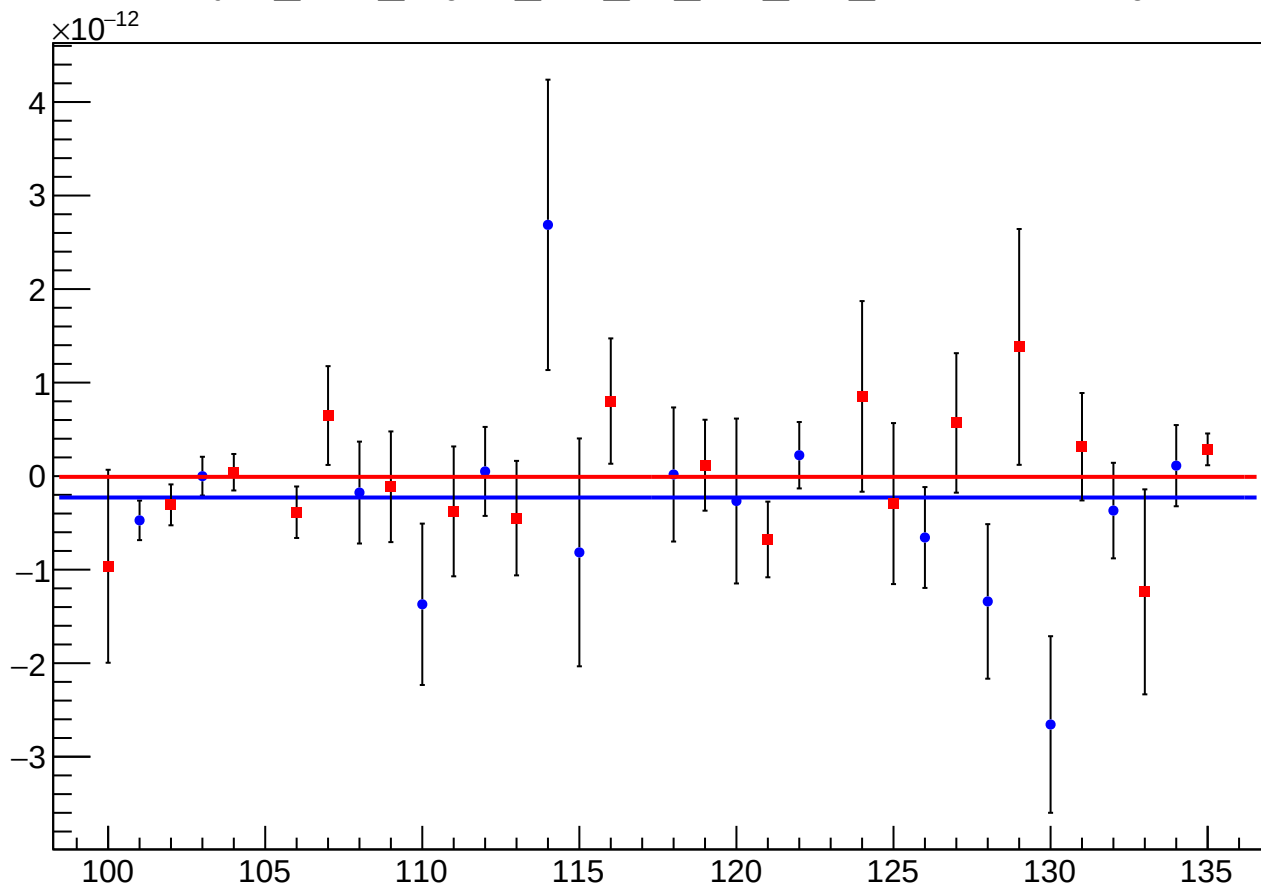
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.364+/-0.073 χ^2/NDF : 3652146.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 19.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.5/17

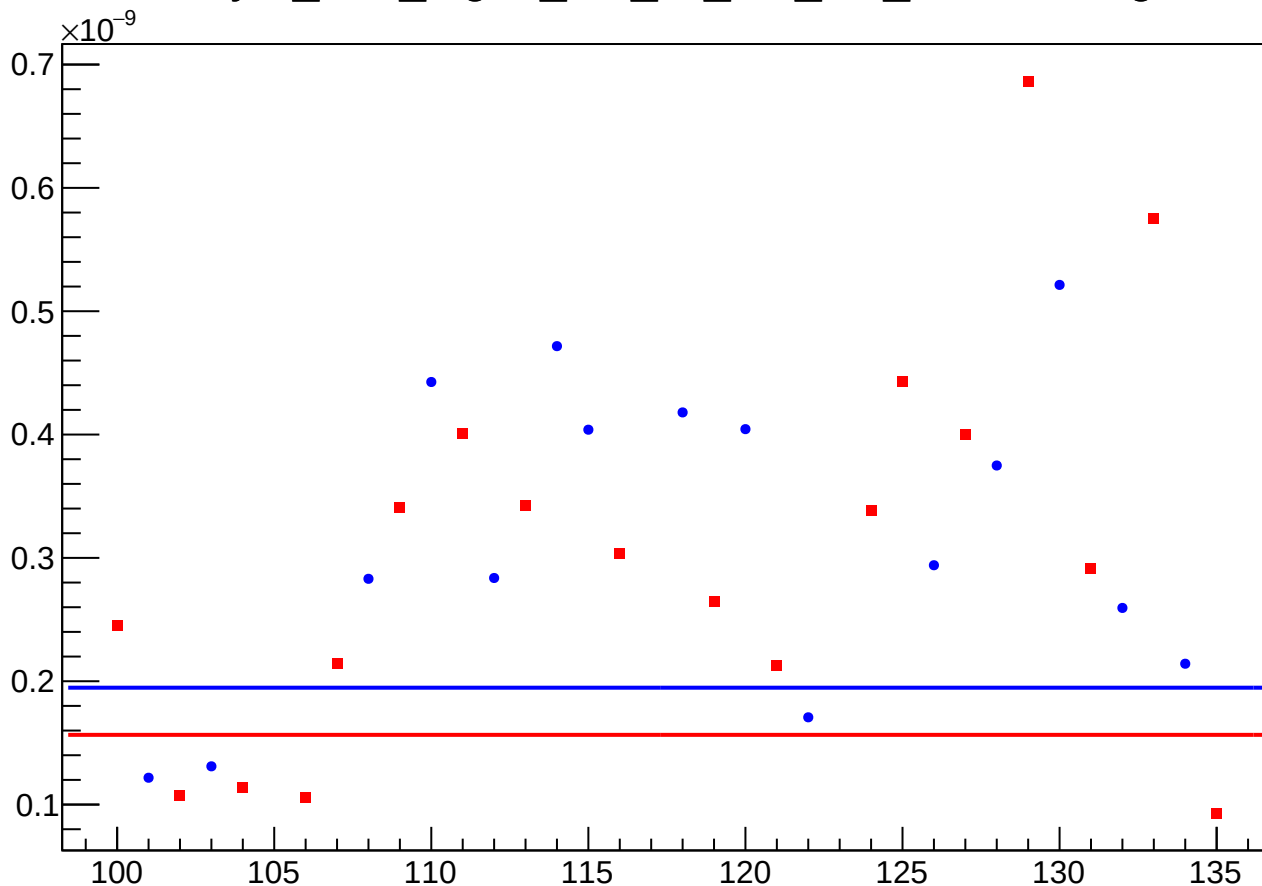
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1592096.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2701660.2/17

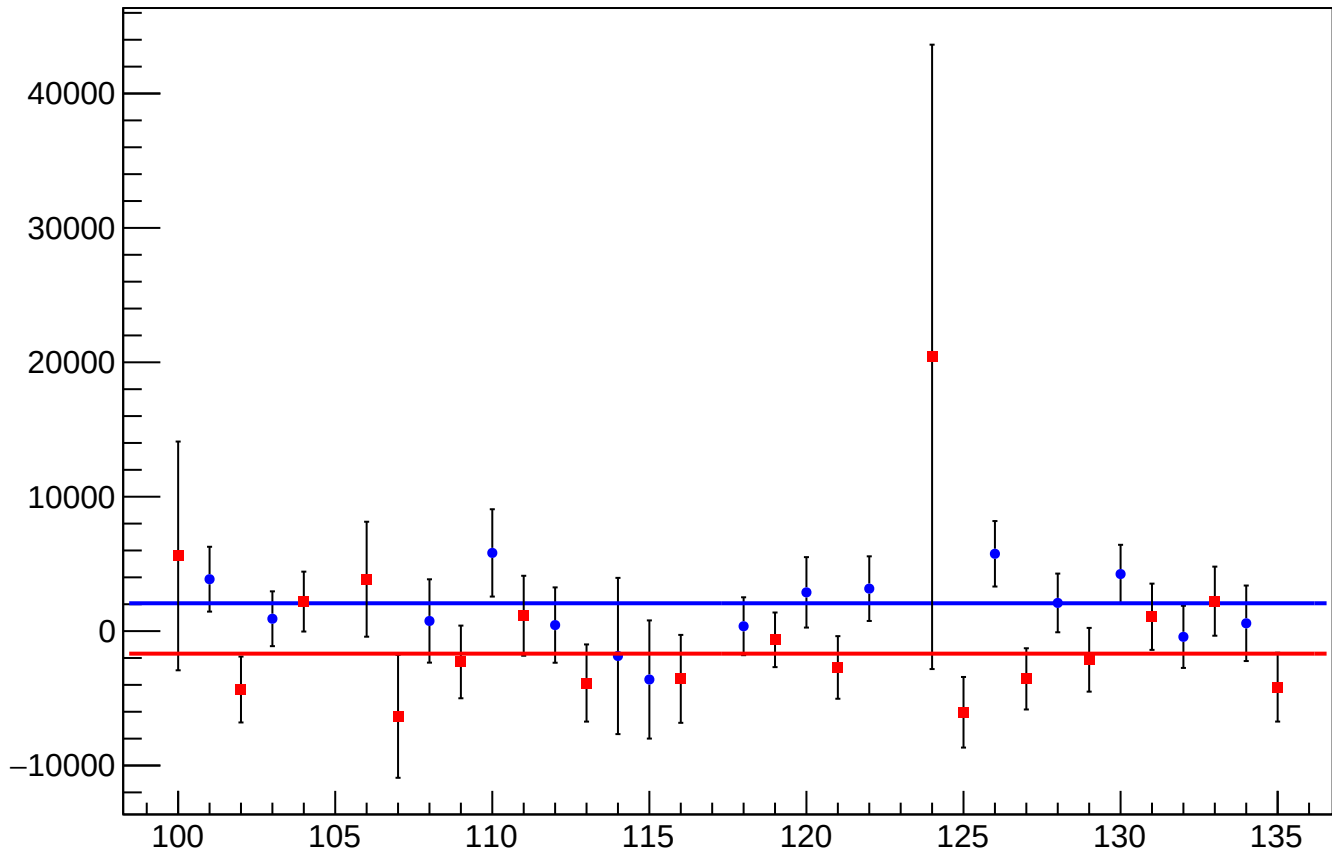
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4440281.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_mean vs Slug



Right In: 2071.852+/-665.589 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1676.972+/-650.785 χ^2/NDF : 18.8/17

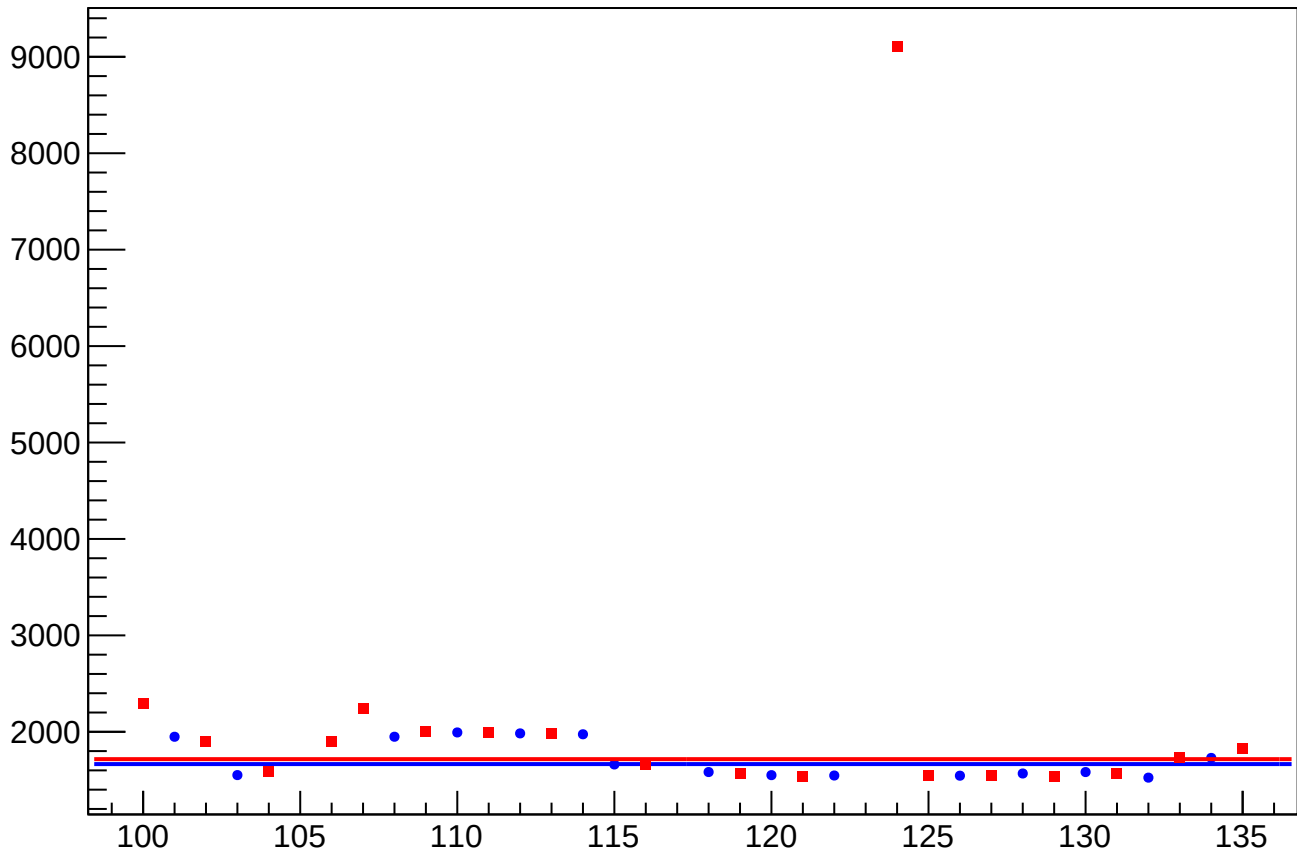
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 155.287+/-465.320 χ^2/NDF : 45.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_rms vs Slug



Right In: 1665.250+/-0.471 χ^2 /NDF: 134237.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

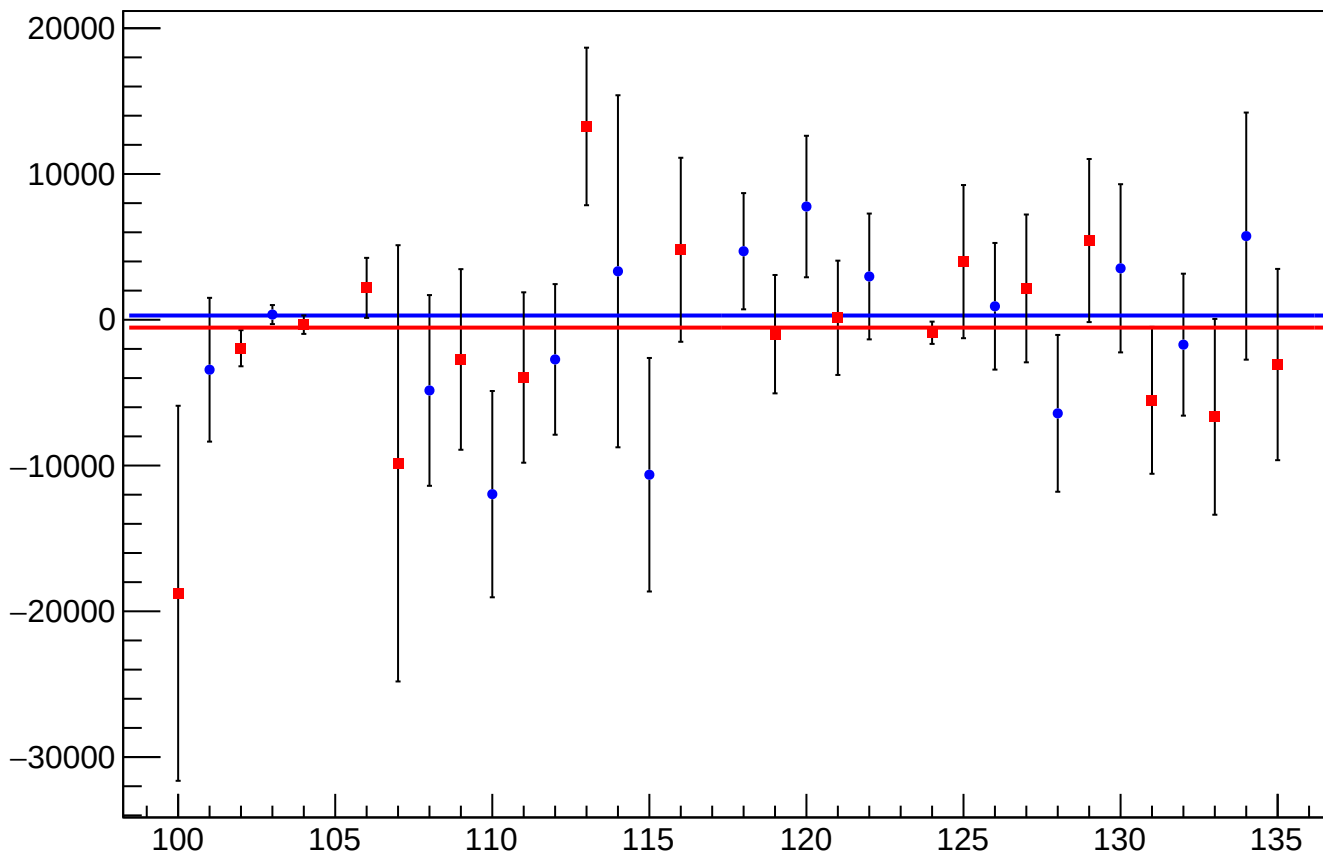
Right Out: 1716.505+/-0.458 χ^2 /NDF: 382579.3/17

All: 1691.578+/-0.328 χ^2 /NDF: 522909.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_correction_mean vs Slug



Right In: 291.579+/-595.996 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -537.699+/-425.143 χ^2/NDF : 17.6/17

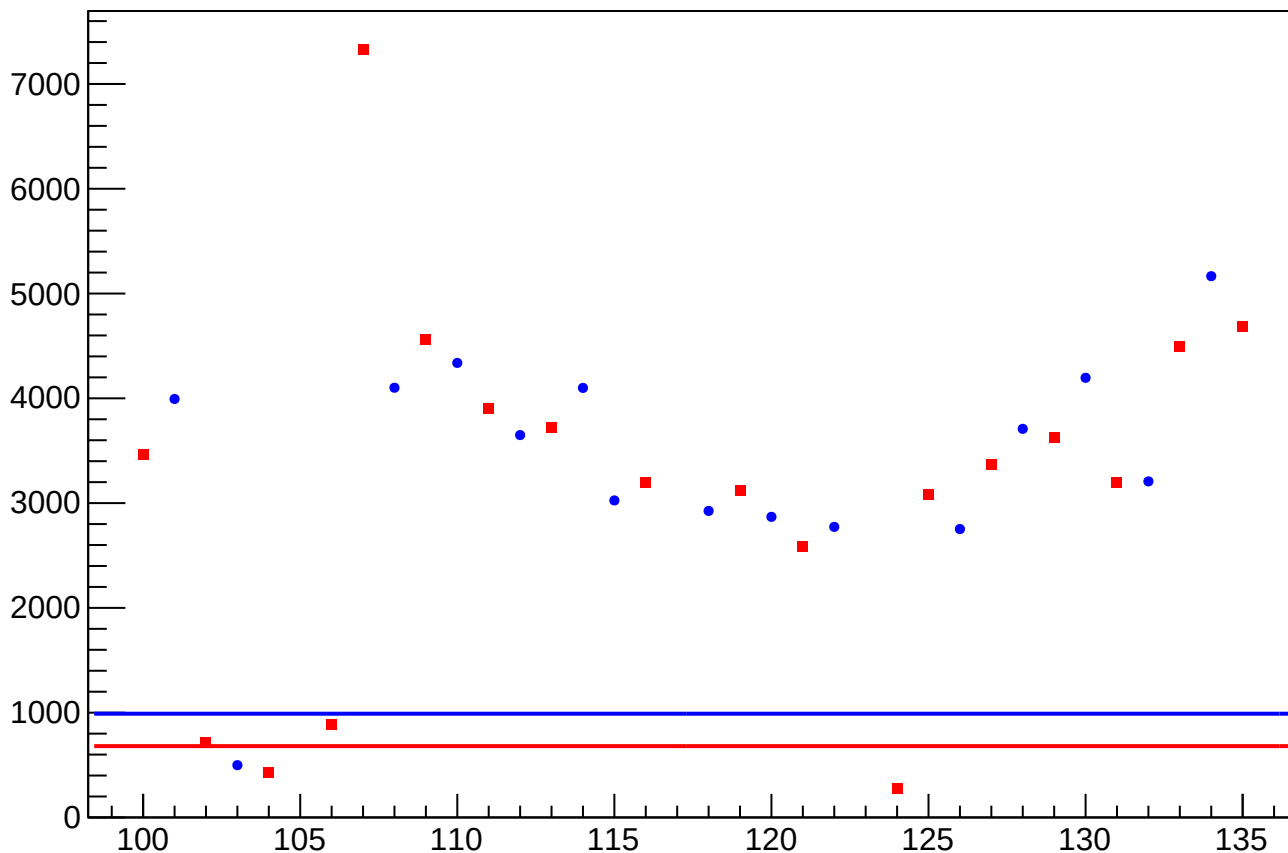
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -258.033+/-346.109 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_correction_rms vs Slug



Right In: 990.054+/-0.421 χ^2/NDF : 7031575.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.617+/-0.301 χ^2/NDF : 8337120.3/17

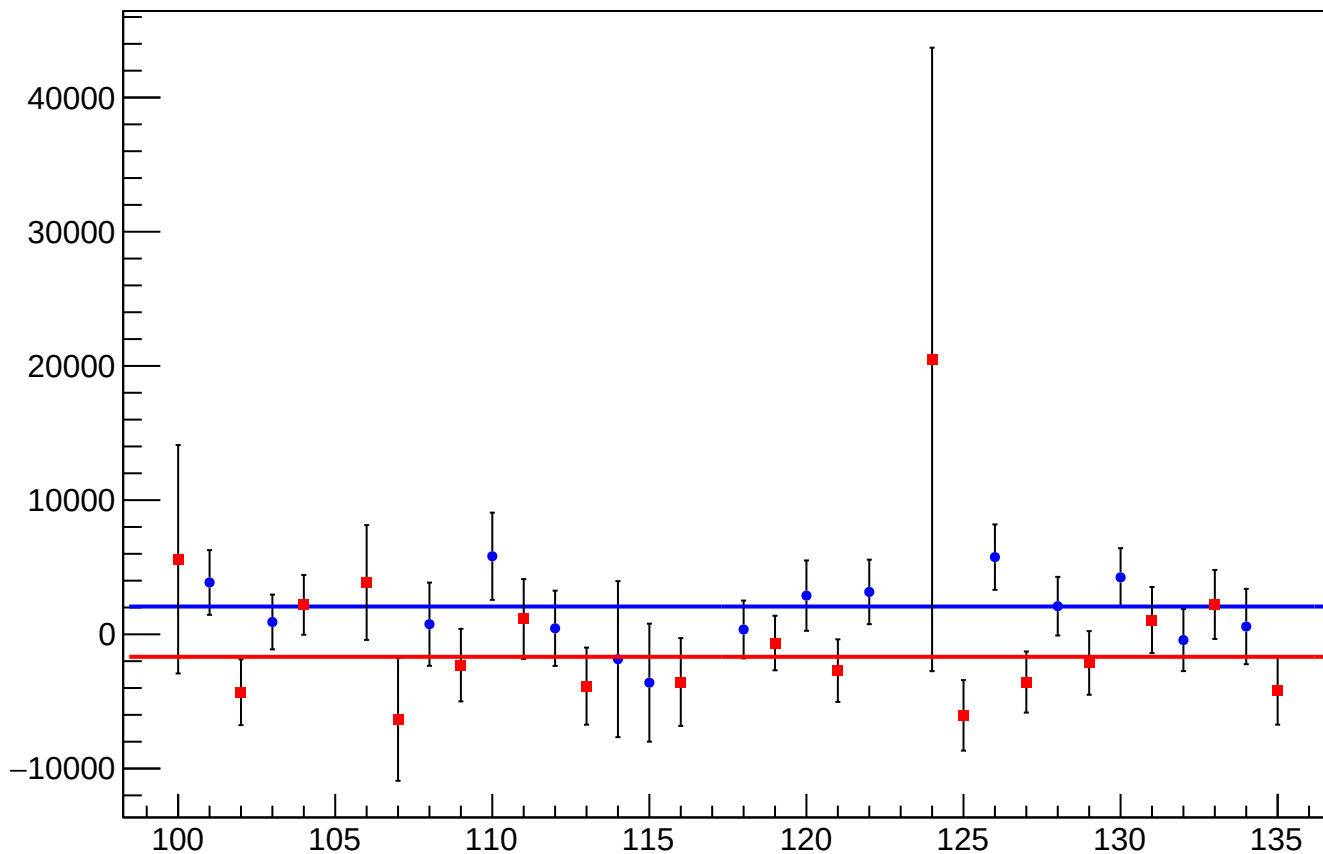
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 784.972+/-0.245 χ^2/NDF : 15726005.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_mean vs Slug



Right In: 2072.016 $\pm$ 665.589 χ^2 /NDF: 10.5/14

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

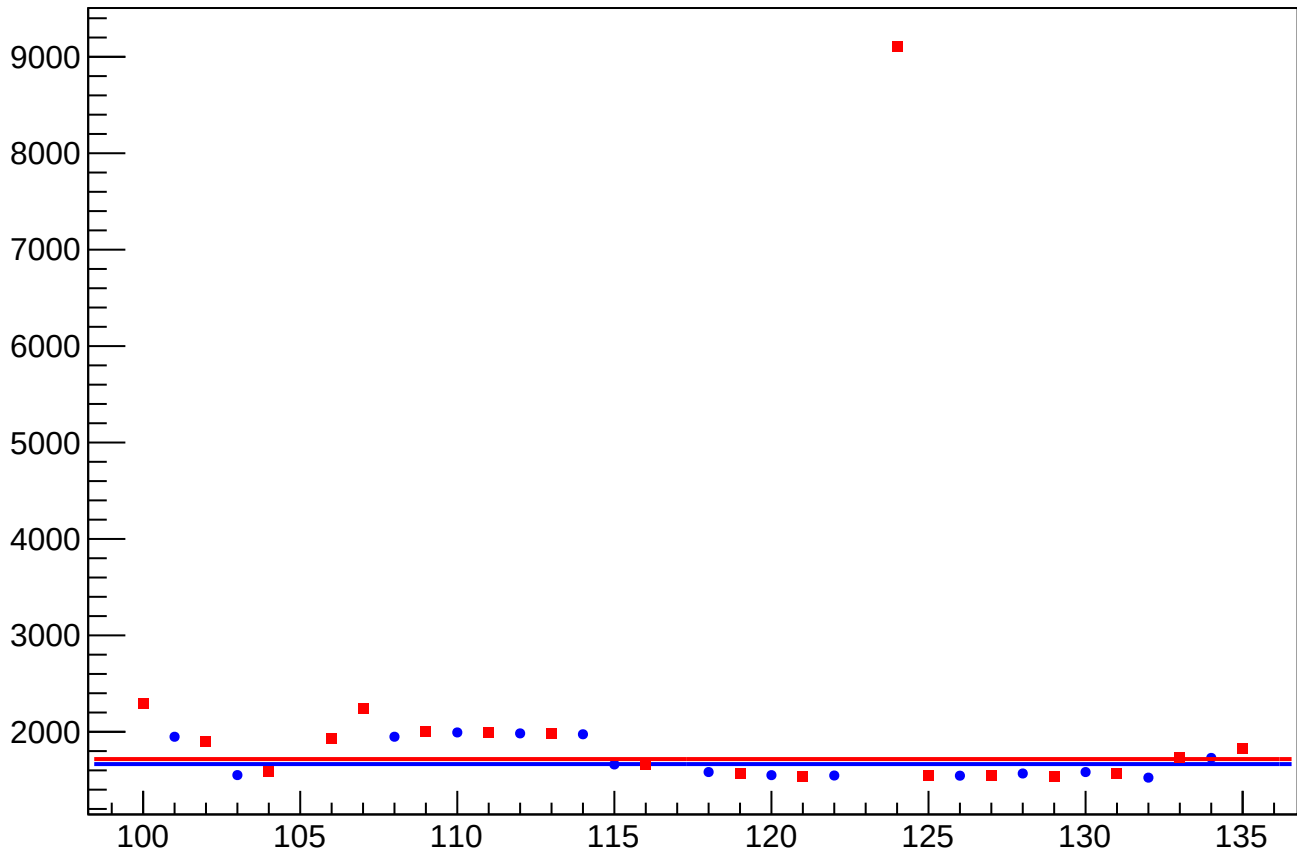
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 156.675 $\pm$ 465.322 χ^2 /NDF: 45.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_rms vs Slug



Right In: 1665.249+/-0.471 χ^2/NDF : 134237.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

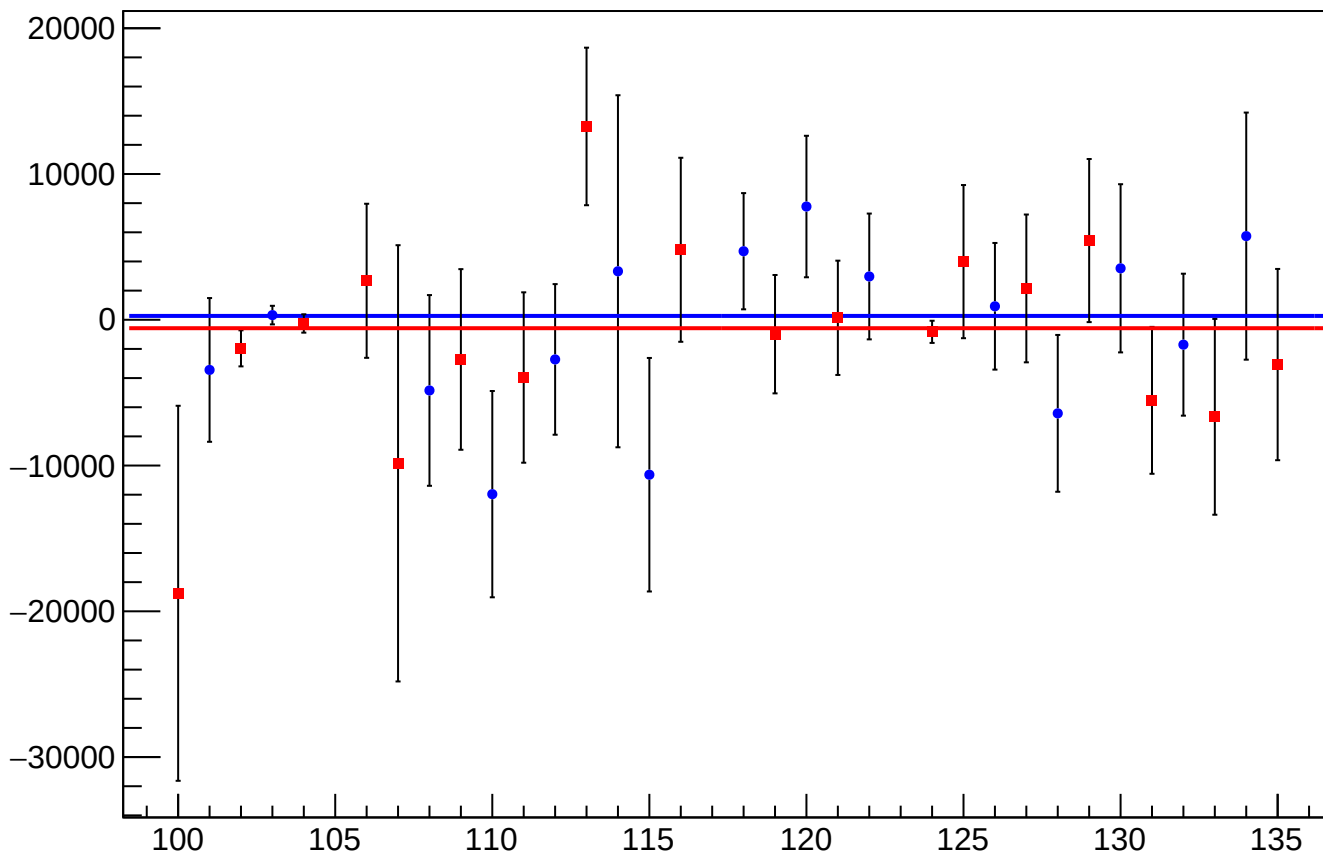
Right Out: 1717.360+/-0.458 χ^2/NDF : 384337.0/17

All: 1692.004+/-0.328 χ^2/NDF : 524869.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_cor_correction_mean vs Slug



Right In: 264.415 $\pm$ 583.476 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -578.600 $\pm$ 430.997 χ^2 /NDF: 16.3/17

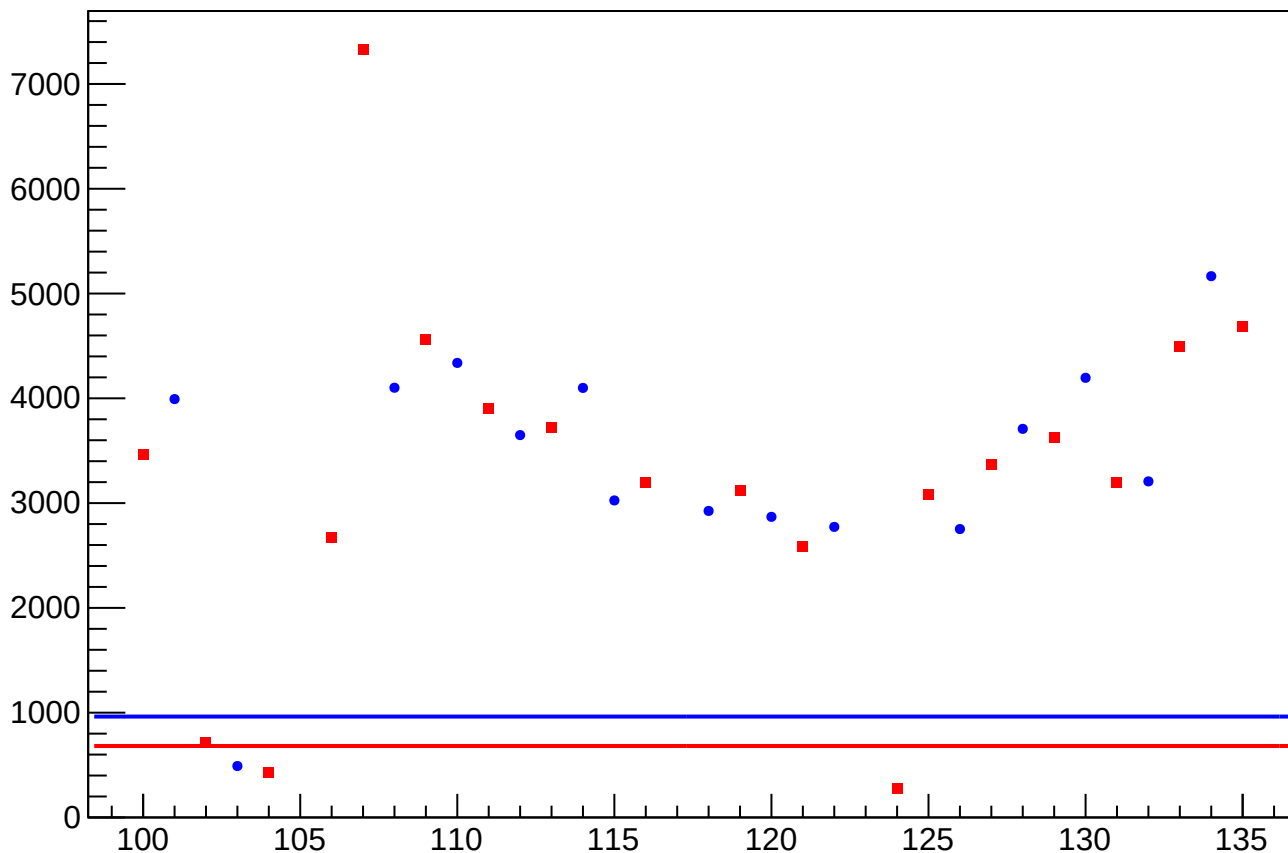
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -281.002 $\pm$ 346.673 χ^2 /NDF: 30.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_cor_correction_rms vs Slug



Right In: 962.823+/-0.413 χ^2/NDF : 7125694.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 682.159+/-0.305 χ^2/NDF : 8616197.2/17

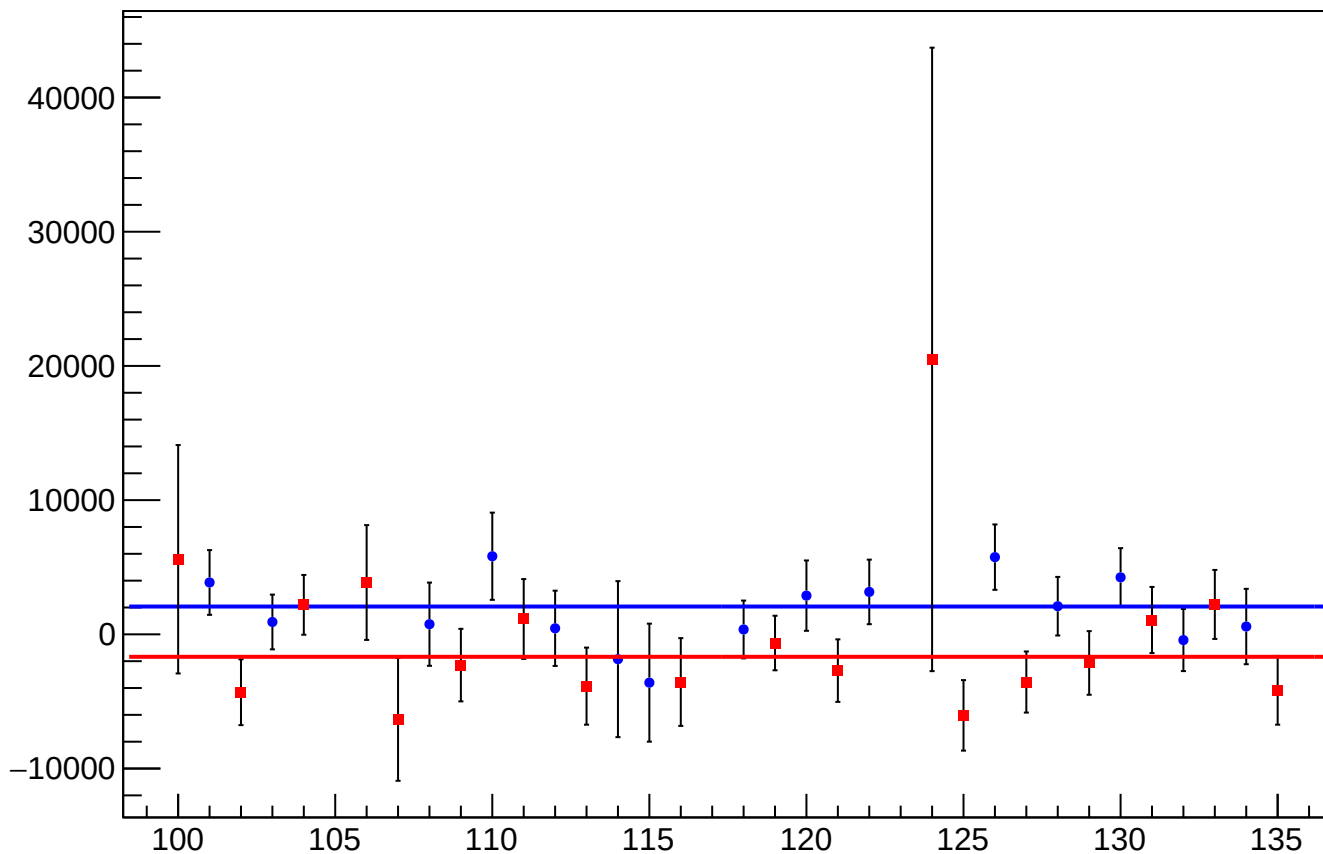
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 781.238+/-0.245 χ^2/NDF : 16041291.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_mean vs Slug



Right In: 2072.016+/-665.589 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1674.443+/-650.790 χ^2/NDF : 18.8/17

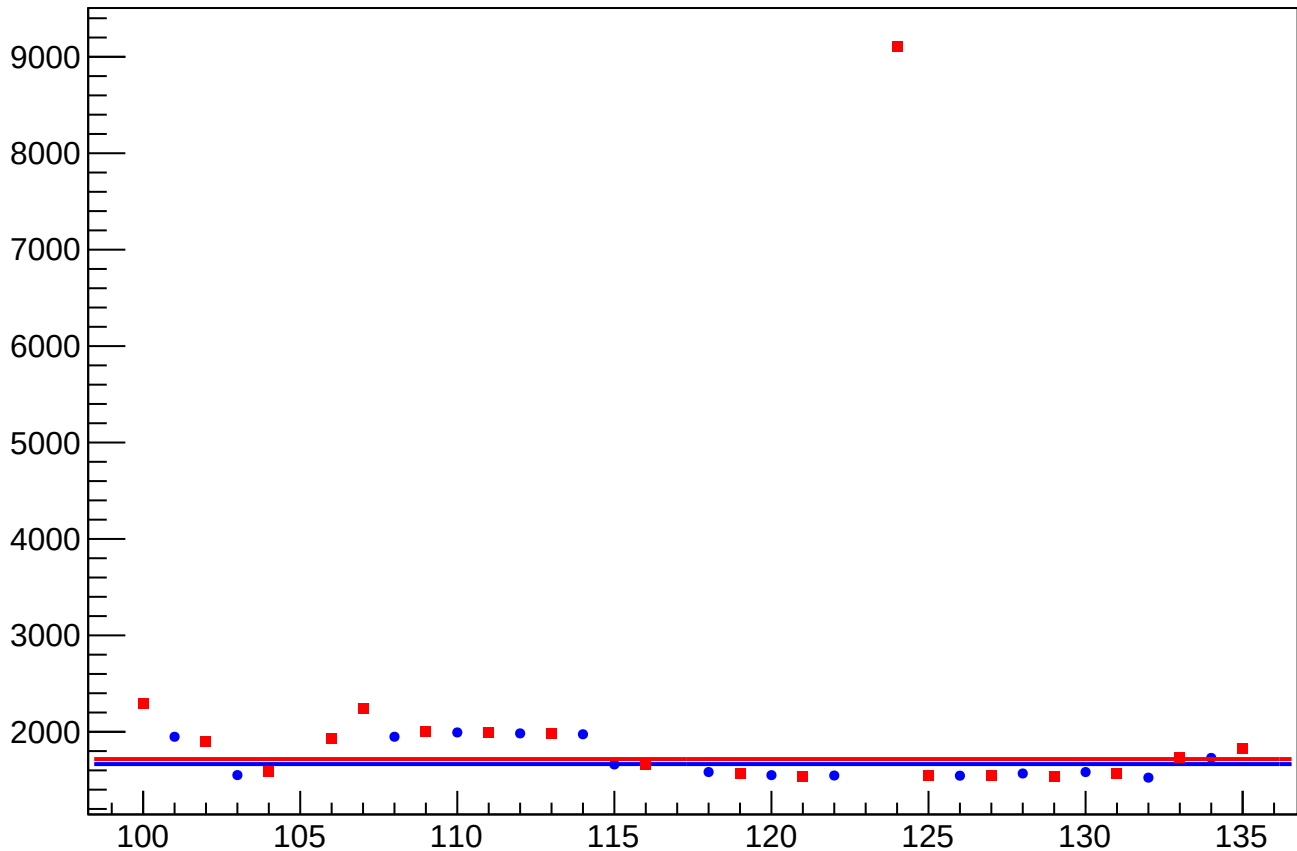
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.675+/-465.322 χ^2/NDF : 45.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_rms vs Slug



Right In: 1665.249 $\pm$ 0.471 χ^2 /NDF: 134237.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1717.360 $\pm$ 0.458 χ^2 /NDF: 384337.0/17

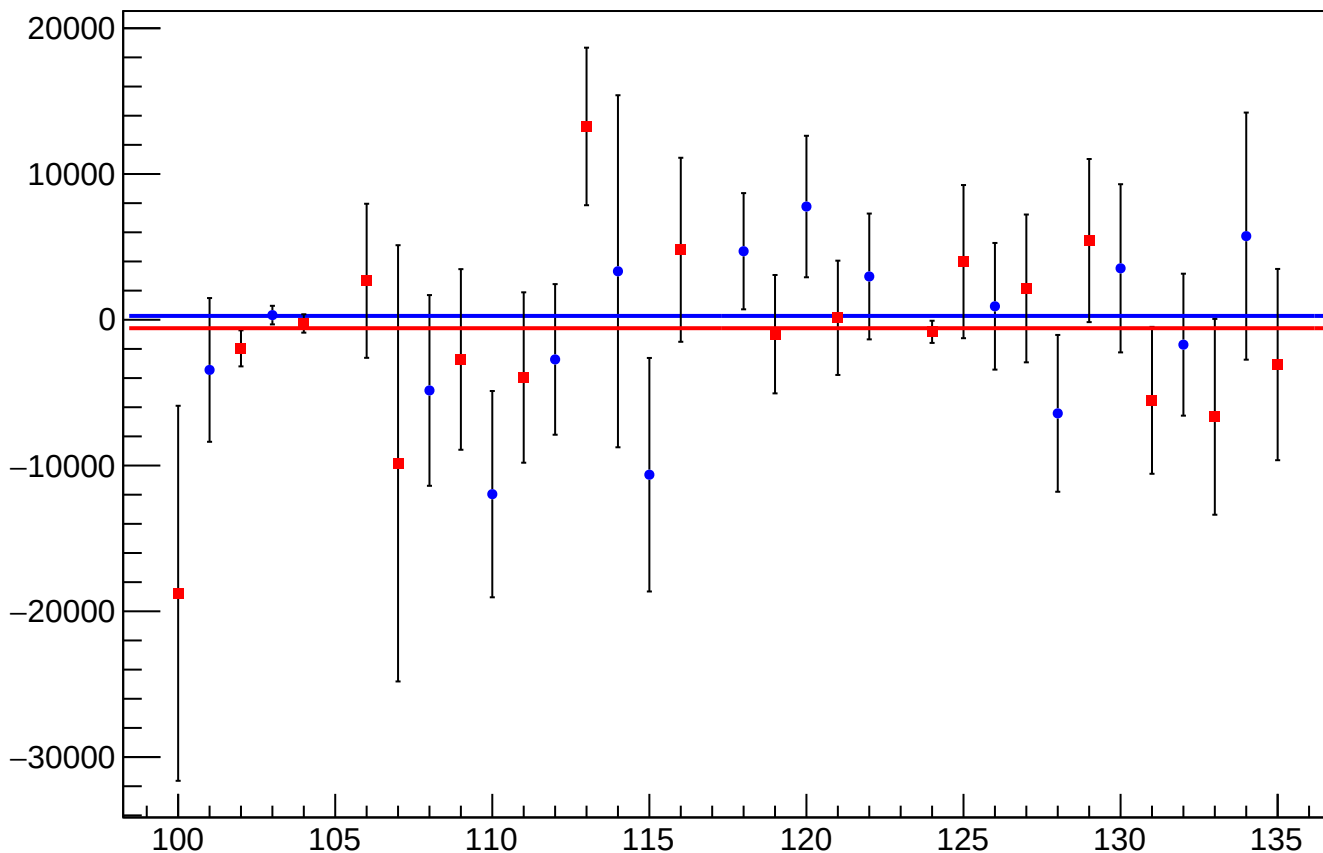
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1692.004 $\pm$ 0.328 χ^2 /NDF: 524869.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_correction_mean vs Slug



Right In: 264.415+/-583.476 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -578.600+/-430.997 χ^2/NDF : 16.3/17

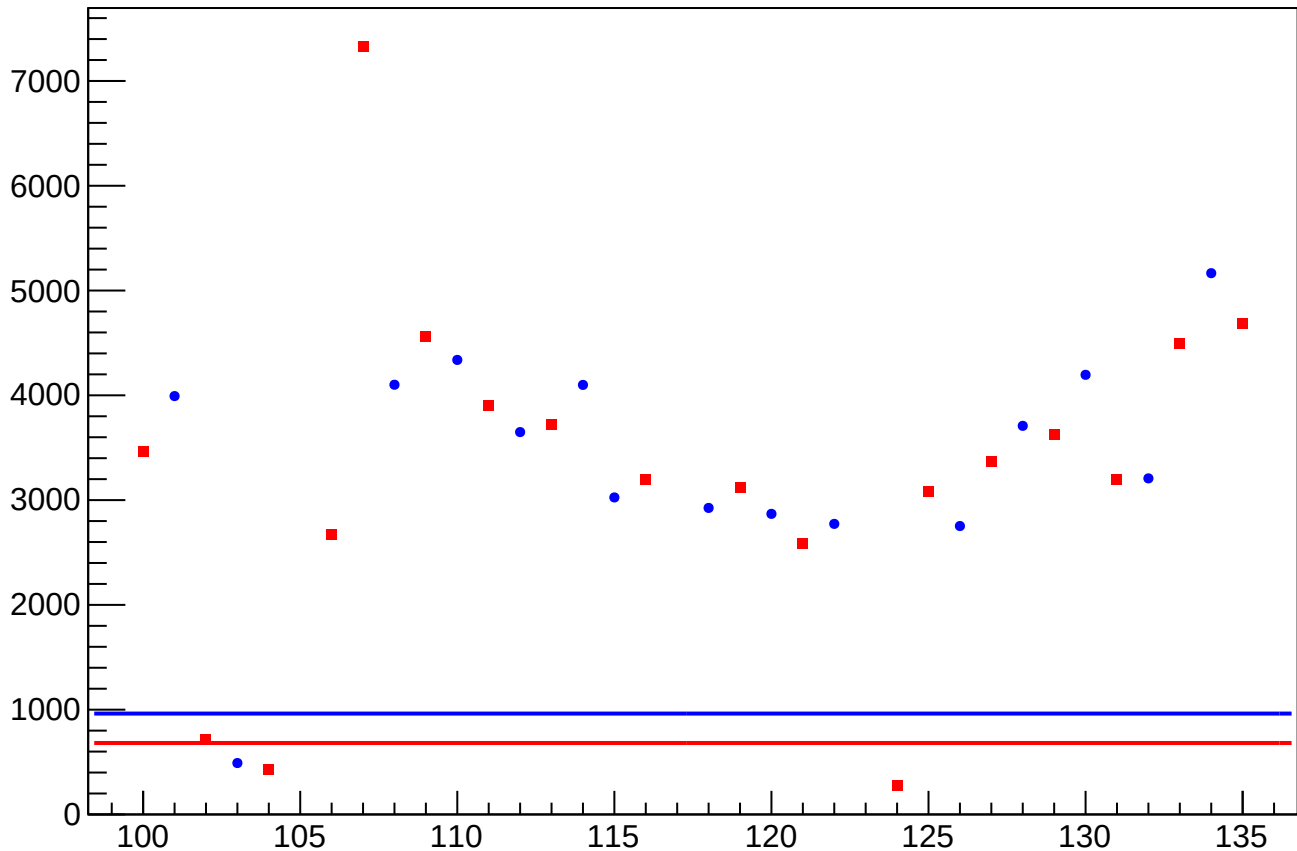
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.002+/-346.673 χ^2/NDF : 30.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_correction_rms vs Slug



Right In: 962.823+/-0.413 χ^2/NDF : 7125694.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

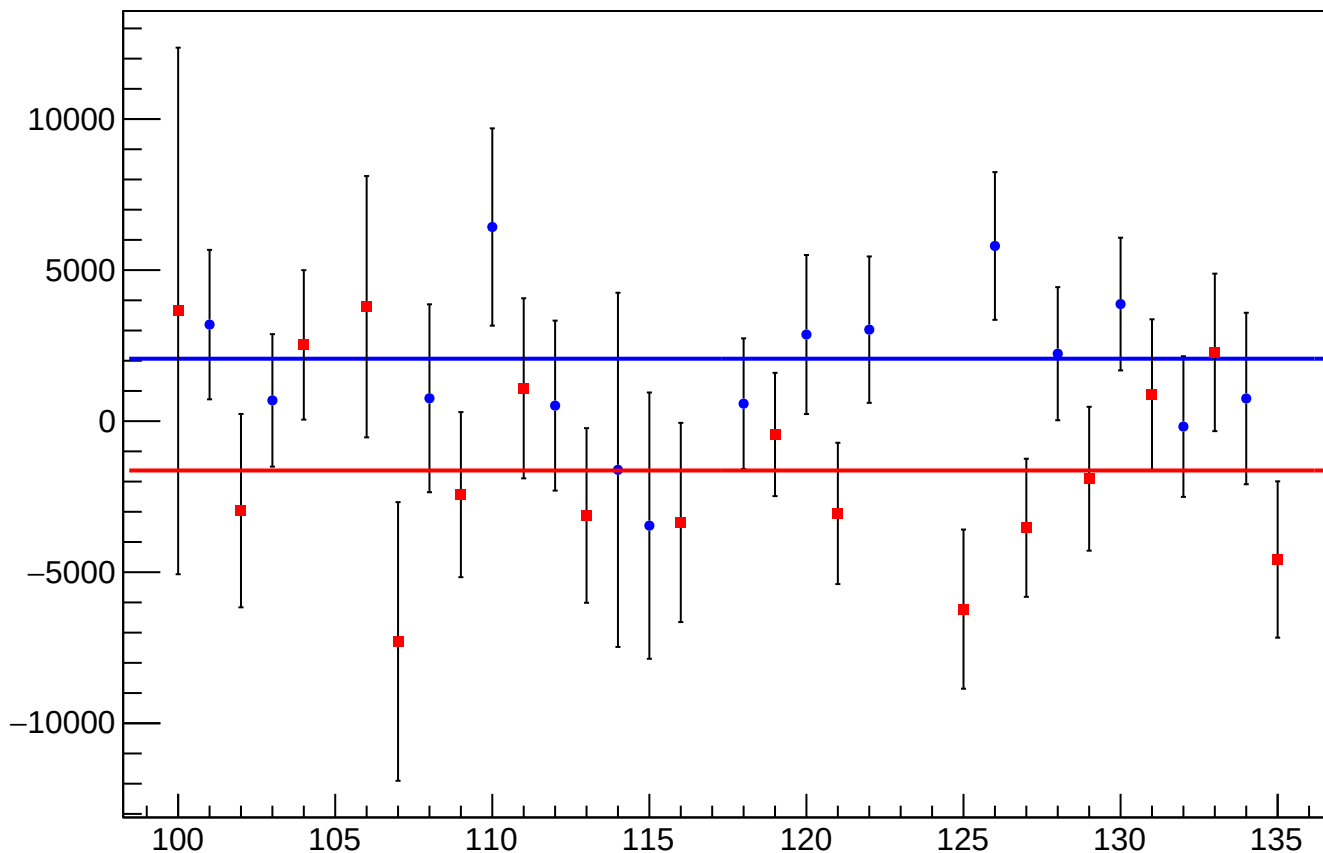
Right Out: 682.159+/-0.305 χ^2/NDF : 8616197.2/17

All: 781.238+/-0.245 χ^2/NDF : 16041291.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_mean vs Slug



Right In: 2067.046 $\pm$ 675.162 χ^2 /NDF: 9.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1632.694 $\pm$ 670.306 χ^2 /NDF: 16.9/16

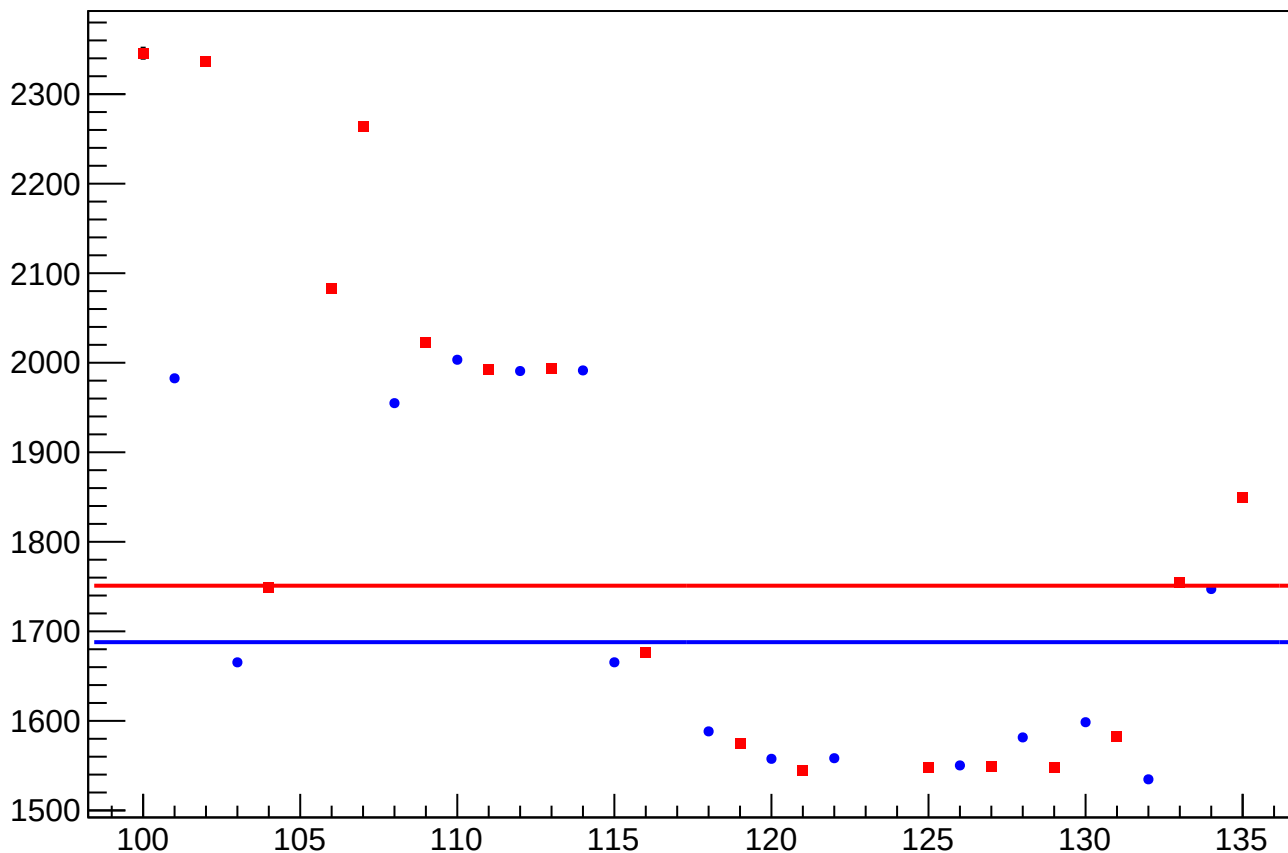
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 203.823 $\pm$ 475.685 χ^2 /NDF: 41.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_rms vs Slug



Right In: 1687.919+/-0.477 χ^2/NDF : 129327.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.981+/-0.473 χ^2/NDF : 247693.8/16

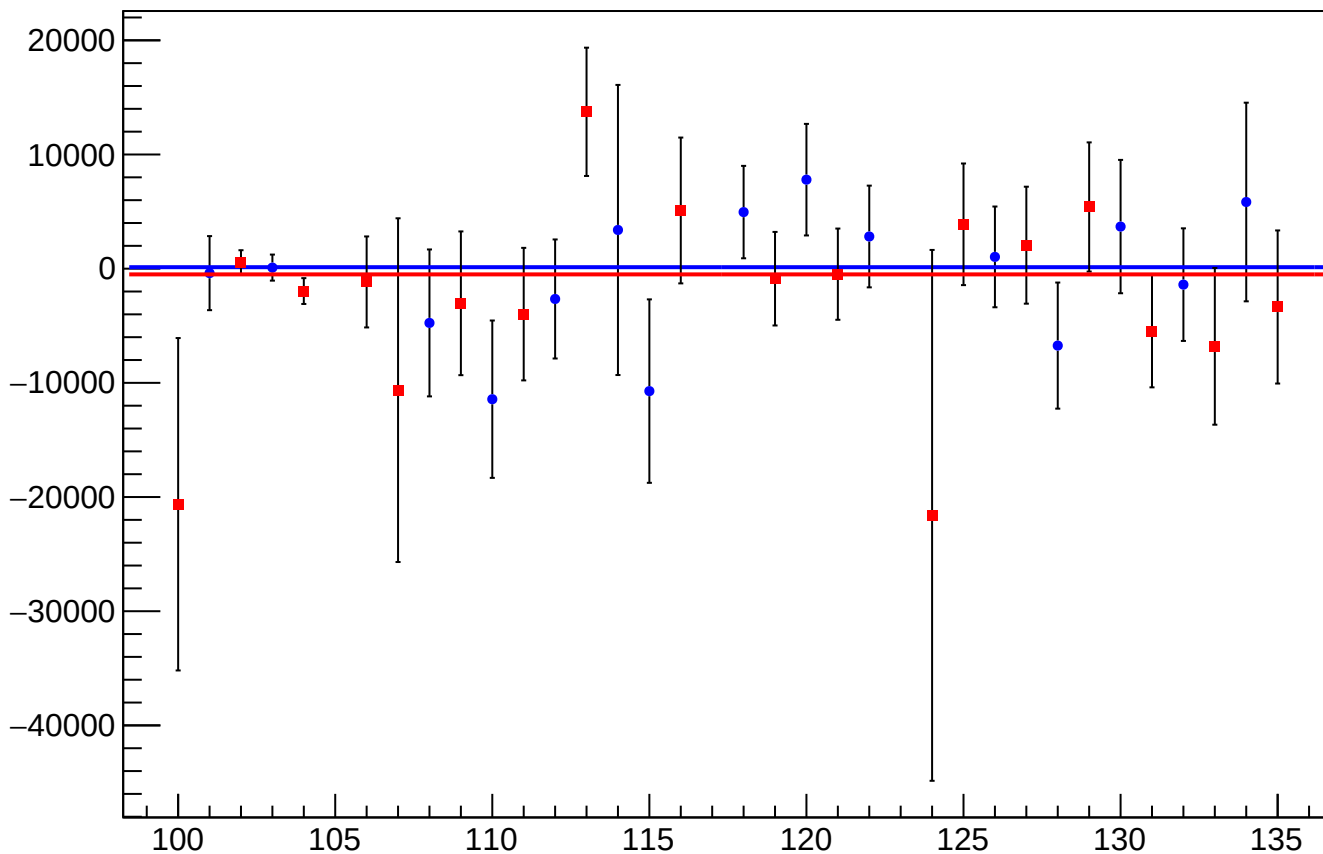
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1719.751+/-0.336 χ^2/NDF : 385829.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_mean vs Slug



Right In: 130.446+/-881.229 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -500.235+/-680.579 χ^2/NDF : 17.6/17

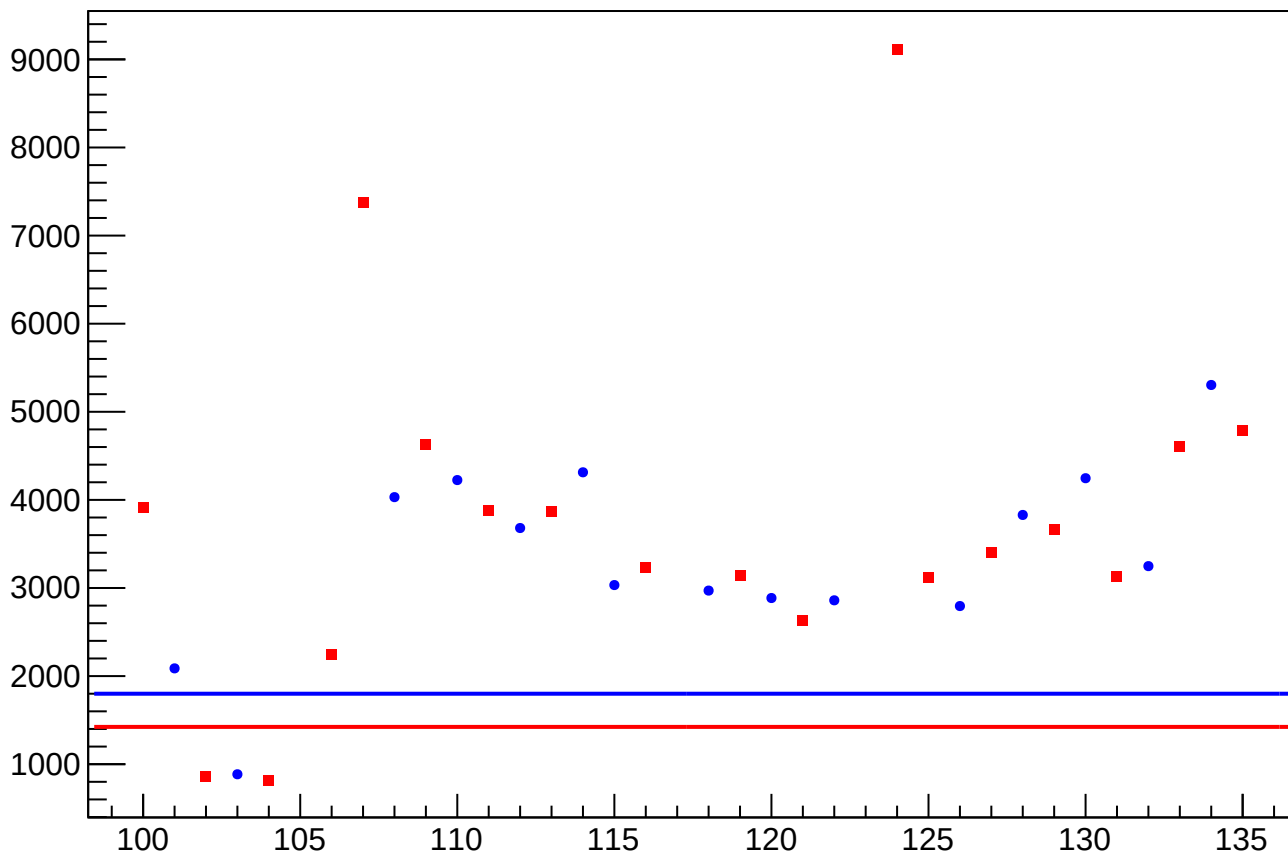
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.604+/-538.642 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_correction_rms vs Slug



Right In: 1799.923+/-0.623 χ^2/NDF : 3772613.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1423.306+/-0.481 χ^2/NDF : 5767182.3/17

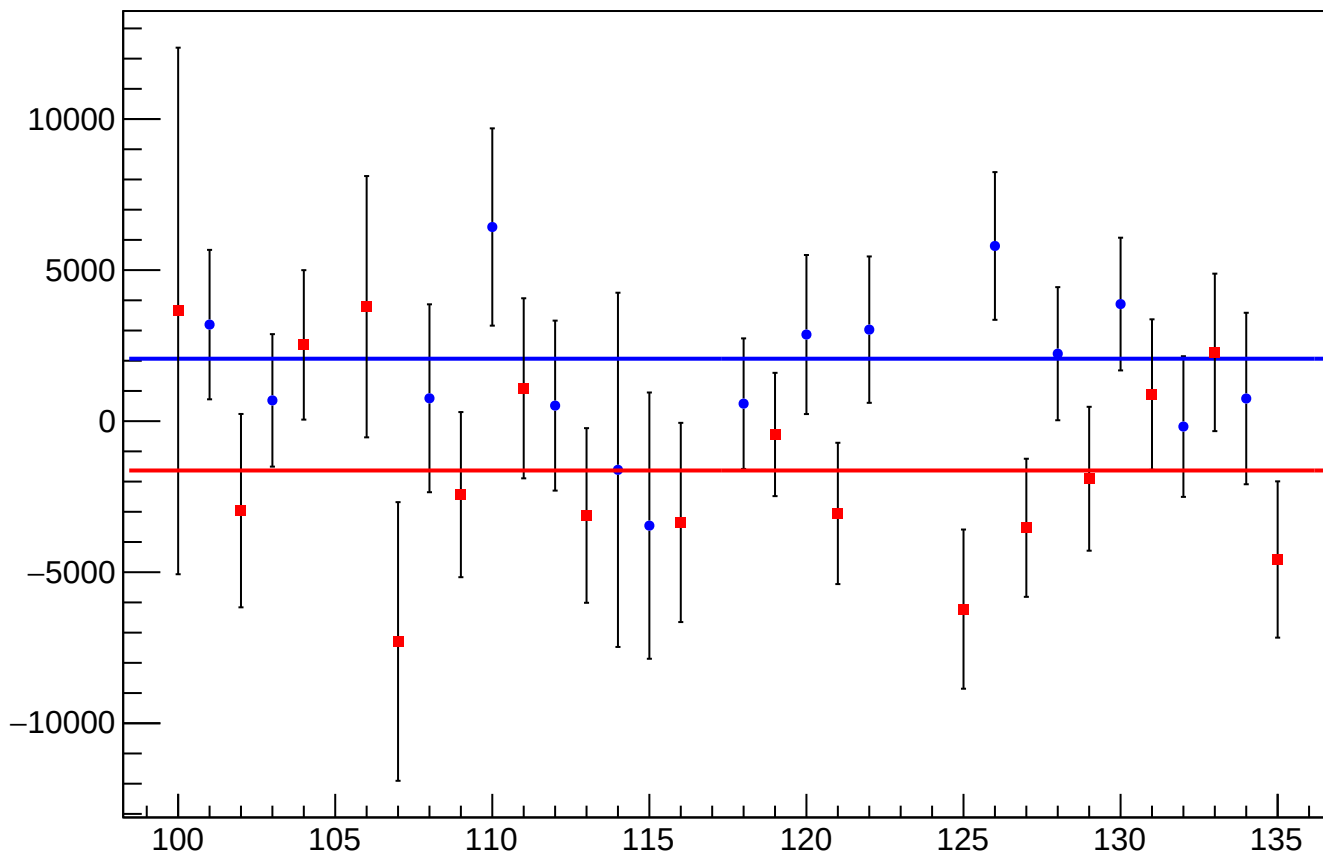
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1564.015+/-0.381 χ^2/NDF : 9768616.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_mean vs Slug



Right In: 2067.048+/-675.162 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1632.691+/-670.305 χ^2/NDF : 16.9/16

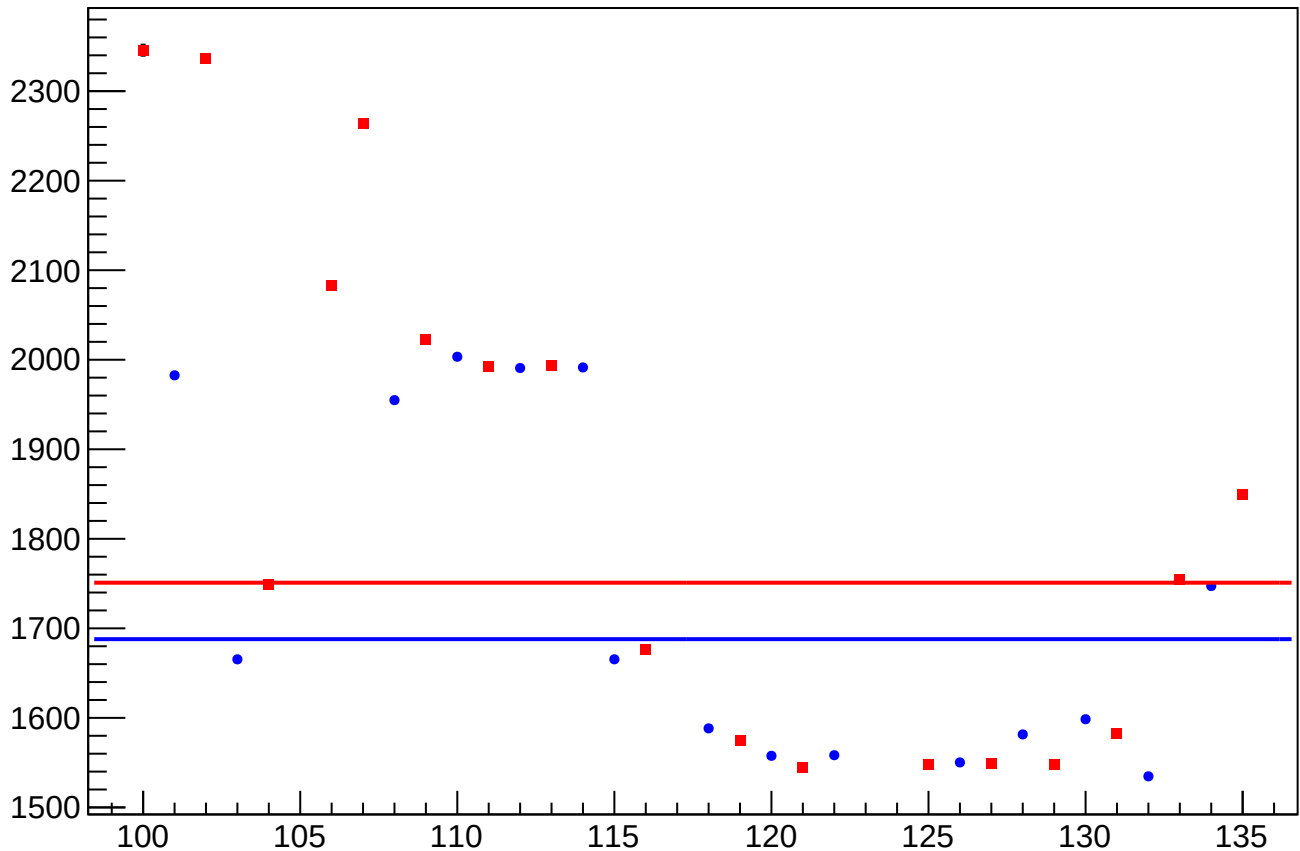
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 203.825+/-475.685 χ^2/NDF : 41.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_rms vs Slug



Right In: 1687.918+/-0.477 χ^2/NDF : 129327.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1750.981+/-0.473 χ^2/NDF : 247693.3/16

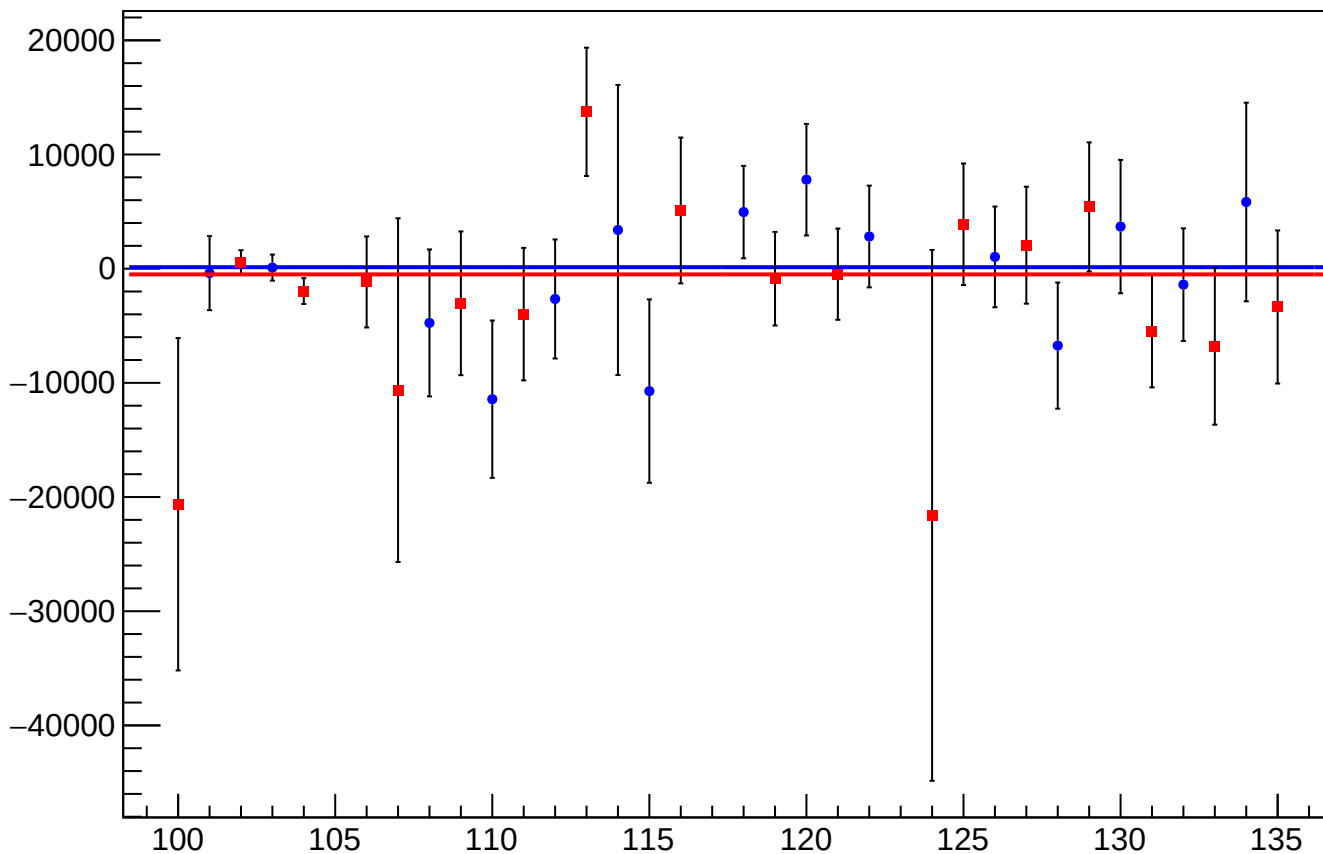
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1719.751+/-0.336 χ^2/NDF : 385828.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_mean vs Slug



Right In: 130.447+/-881.223 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -500.233+/-680.574 χ^2/NDF : 17.6/17

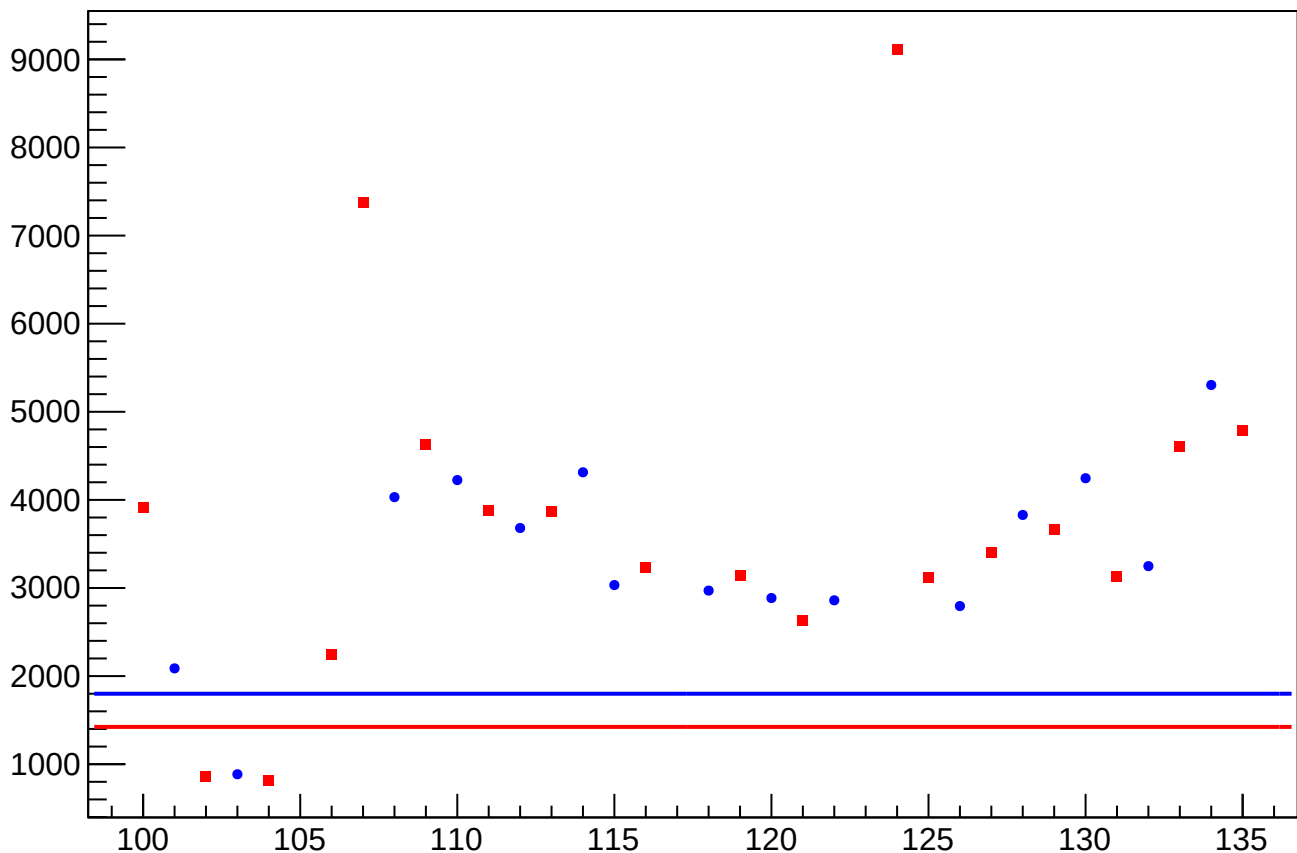
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.603+/-538.638 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_correction_rms vs Slug



Right In: 1799.907 $\pm$ 0.623 χ^2 /NDF: 3772641.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1423.292 $\pm$ 0.481 χ^2 /NDF: 5767215.1/17

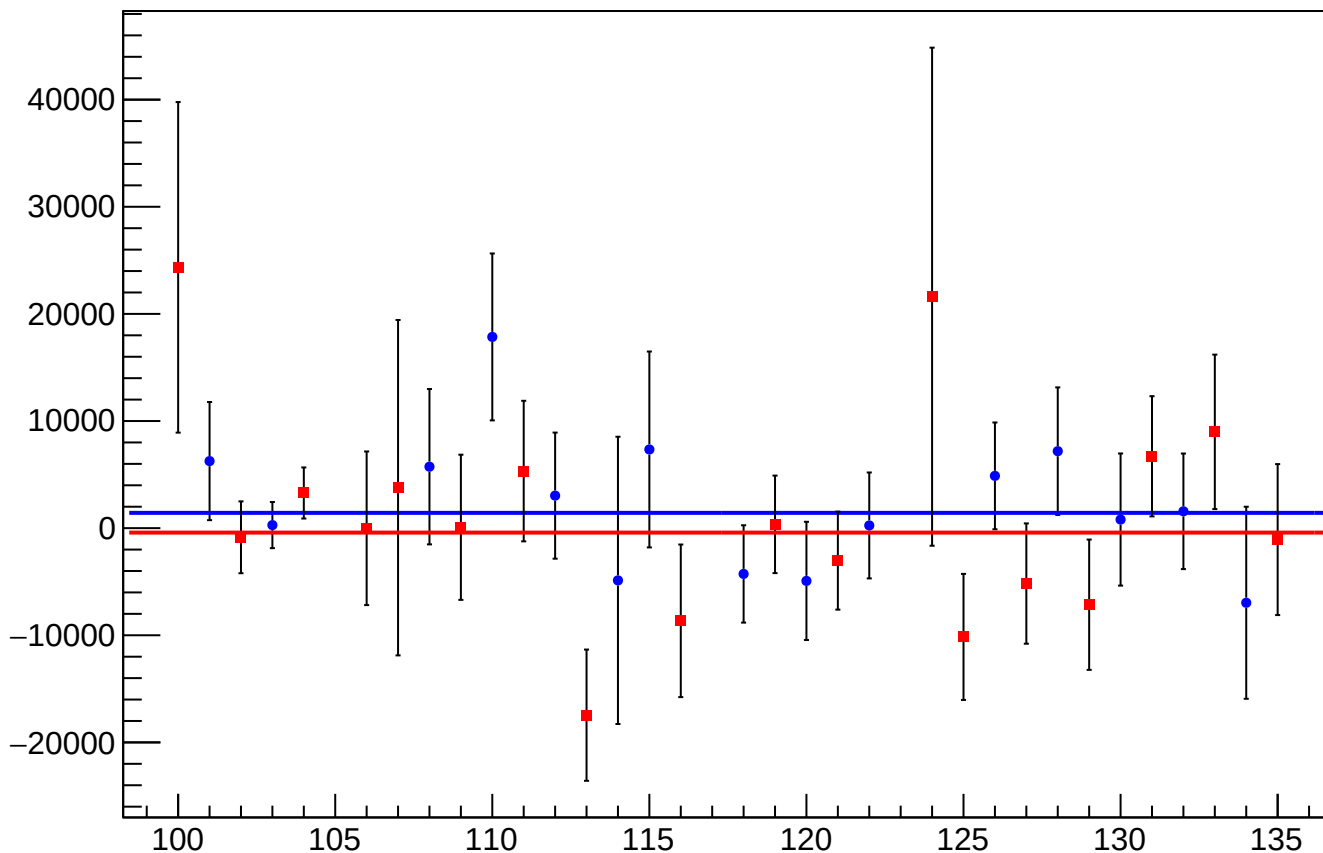
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1564.000 $\pm$ 0.381 χ^2 /NDF: 9768677.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_mean vs Slug



Right In: 1427.487+/-1297.208 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -414.033+/-1249.409 χ^2/NDF : 24.2/17

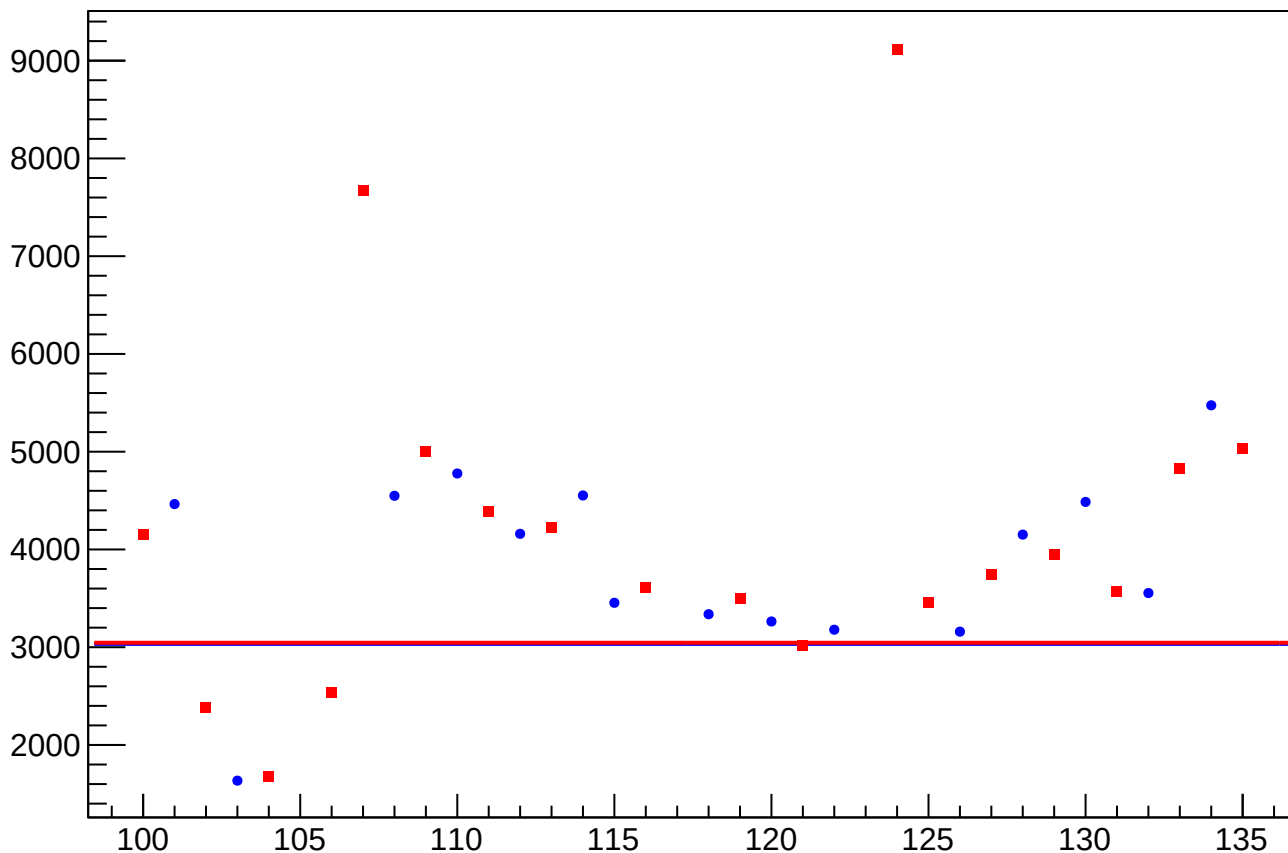
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.174+/-899.889 χ^2/NDF : 37.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_rms vs Slug



Right In: 3033.902+/-0.917 χ^2/NDF : 1633096.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3045.515+/-0.870 χ^2/NDF : 1821392.9/17

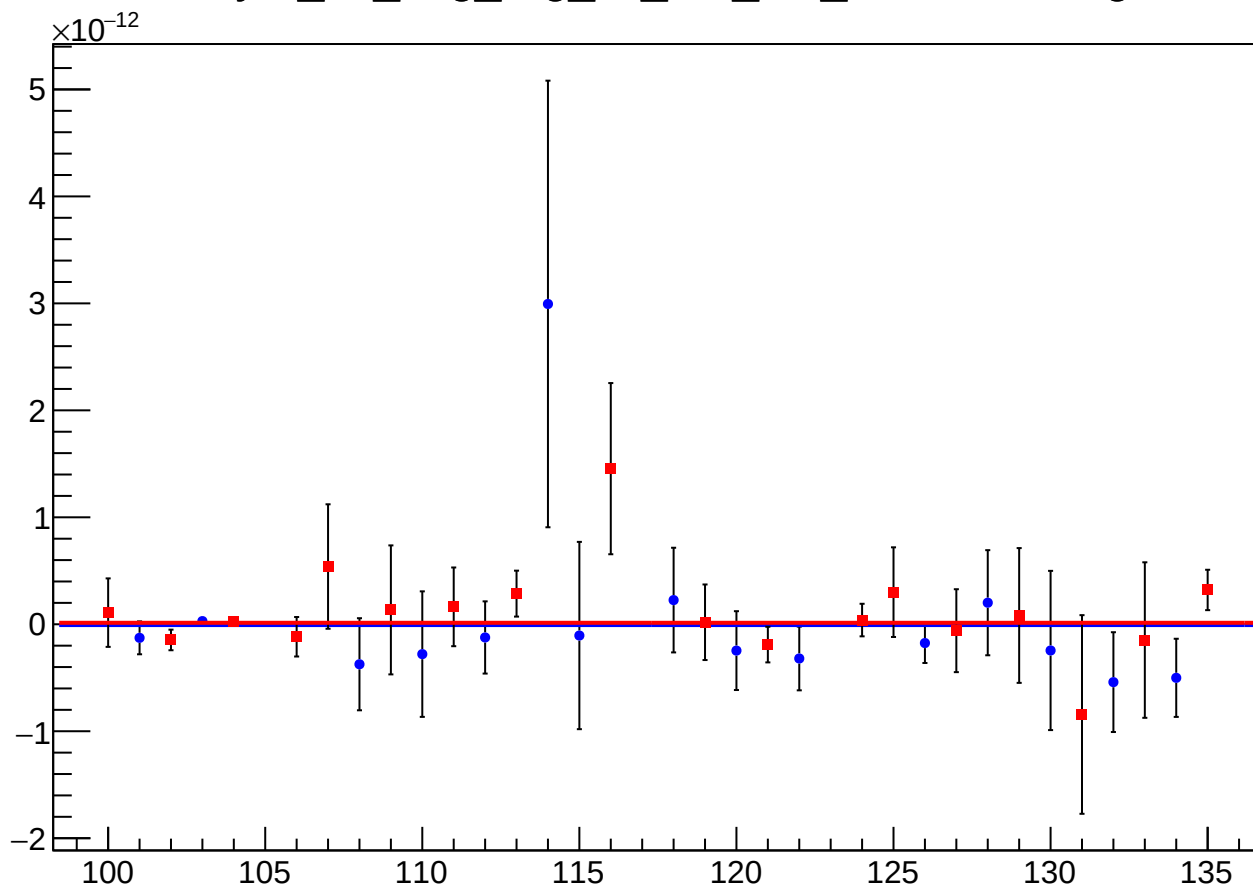
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3040.019+/-0.631 χ^2/NDF : 3454574.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/17

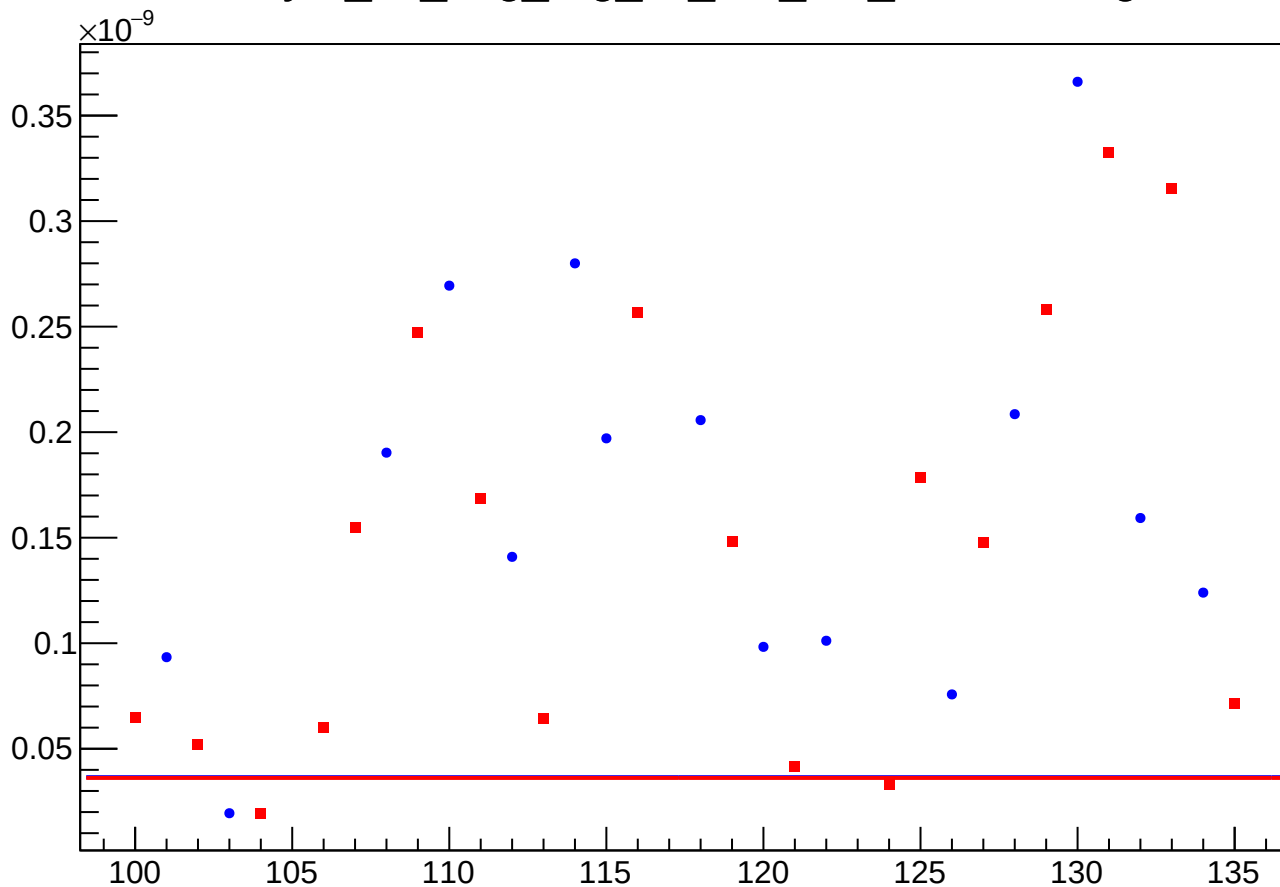
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2860908.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2654535.6/17

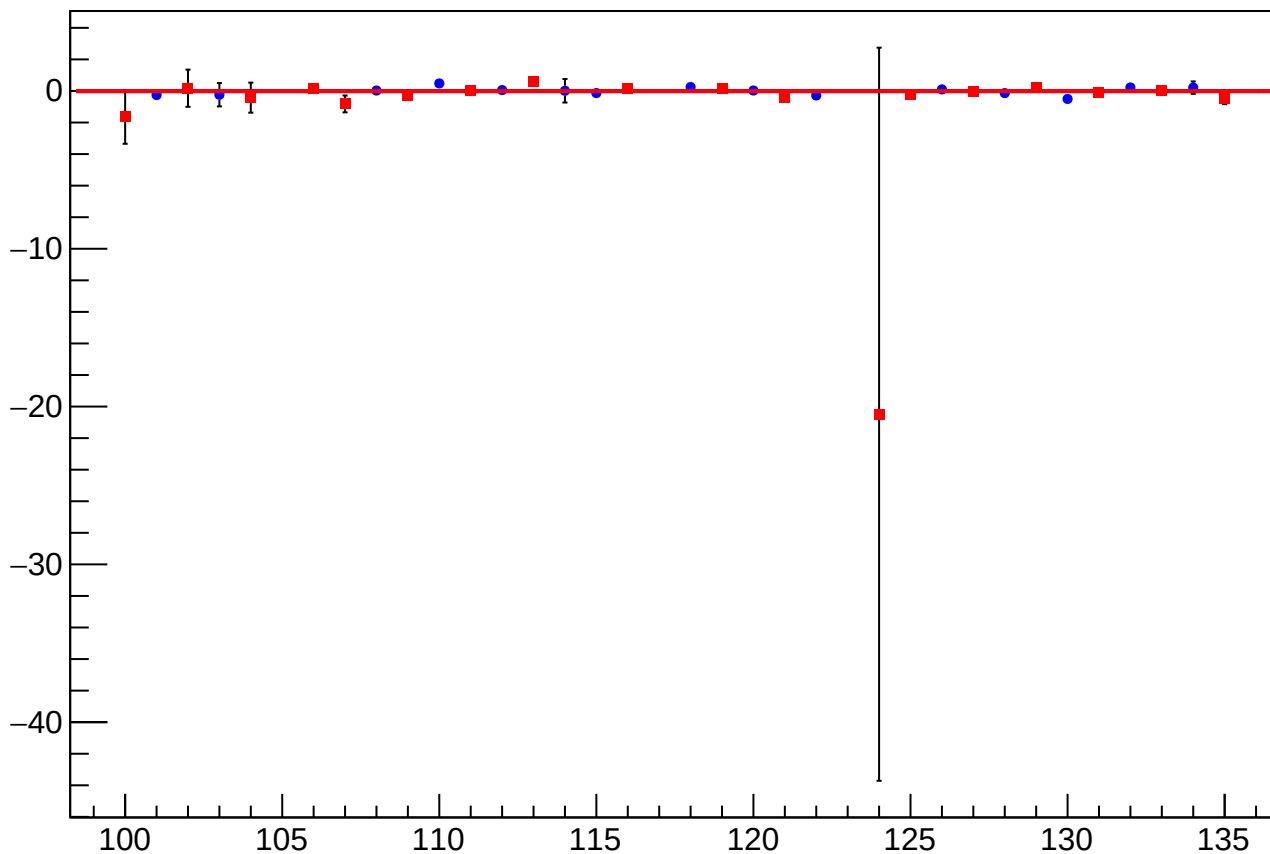
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5515546.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.057 χ^2/NDF : 21.8/17

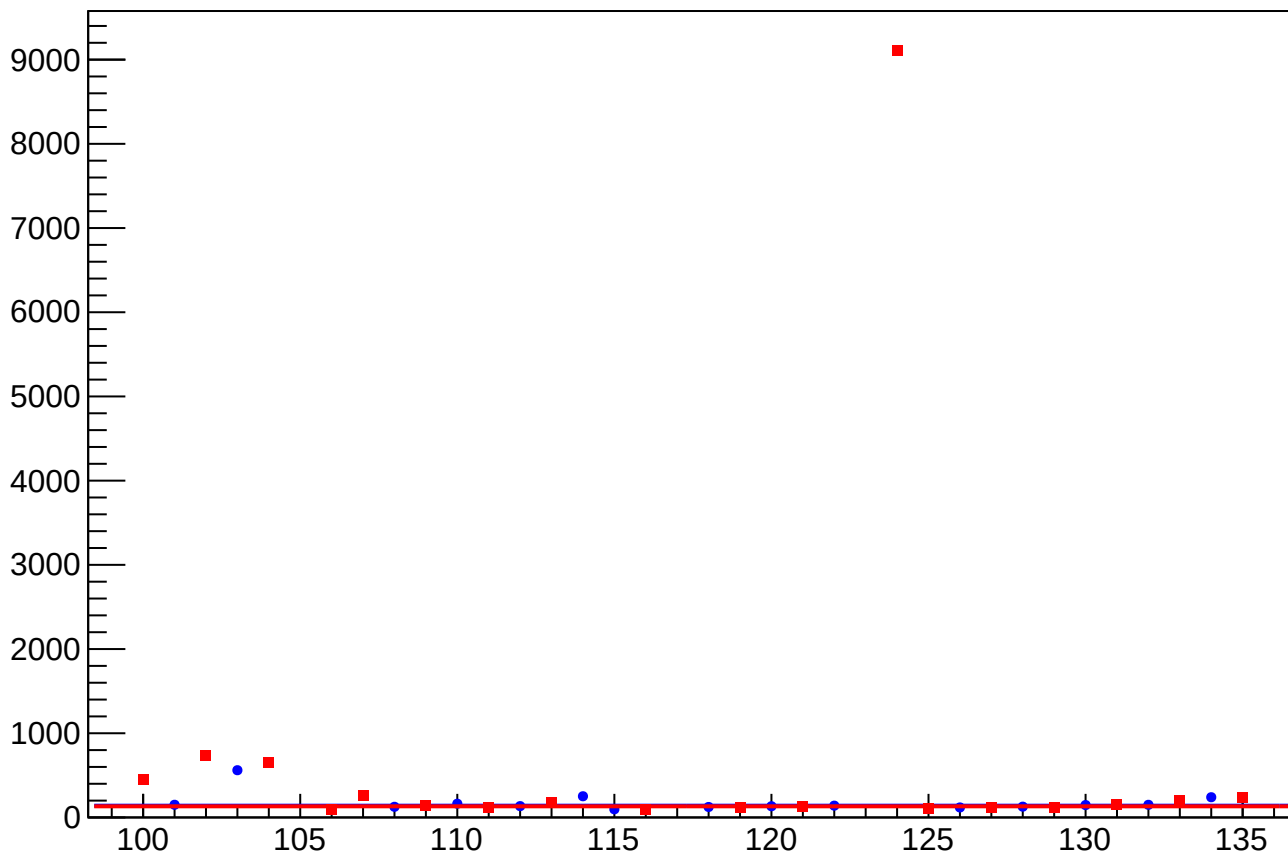
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 37.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_cor_diff_rms vs Slug



Right In: 139.737 $\pm$ 0.042 χ^2 /NDF: 961017.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

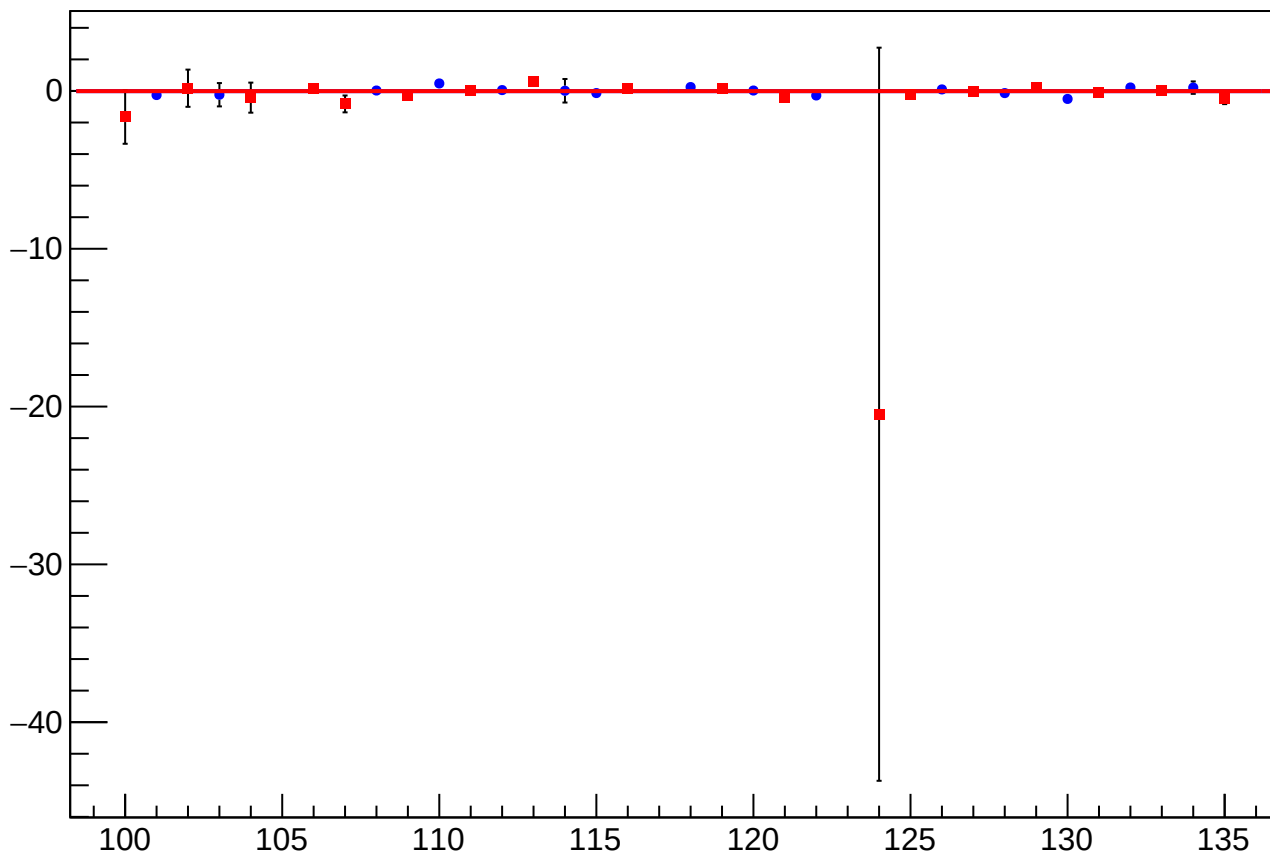
Right Out: 132.207 $\pm$ 0.040 χ^2 /NDF: 2181434.7/17

All: 135.784 $\pm$ 0.029 χ^2 /NDF: 3159026.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.057 χ^2/NDF : 21.8/17

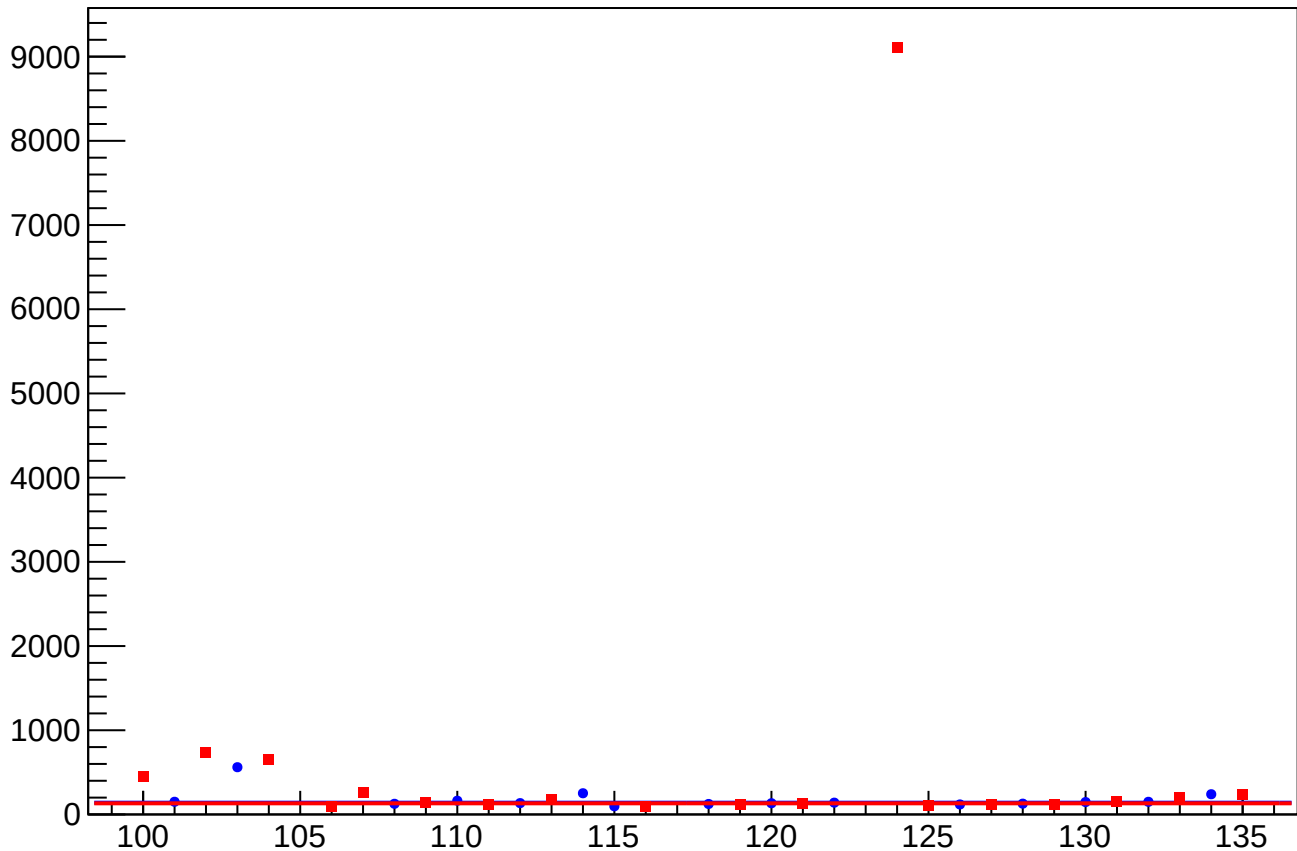
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 37.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 139.737+/-0.042 χ^2/NDF : 961017.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

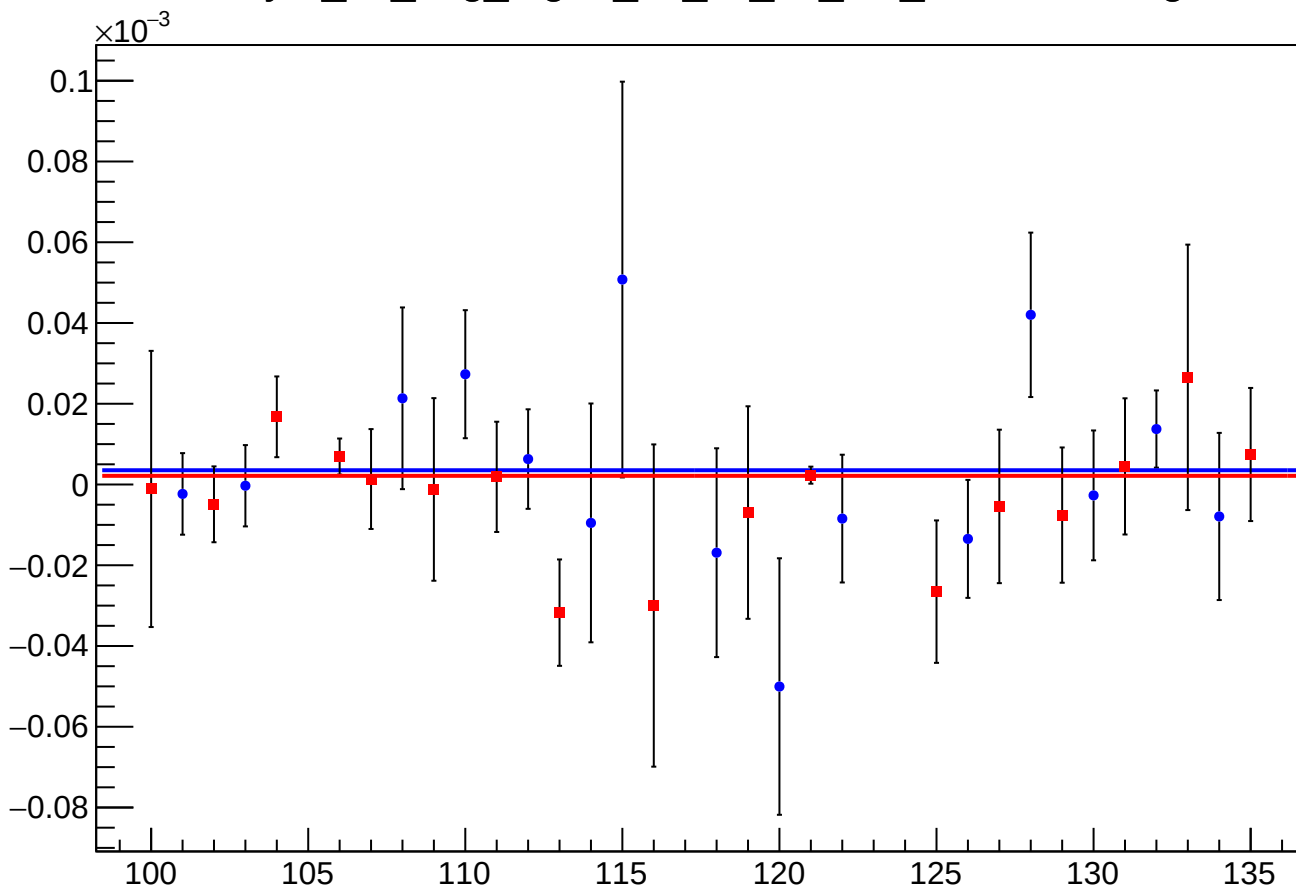
Right Out: 132.207+/-0.040 χ^2/NDF : 2181434.7/17

All: 135.784+/-0.029 χ^2/NDF : 3159026.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/14

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

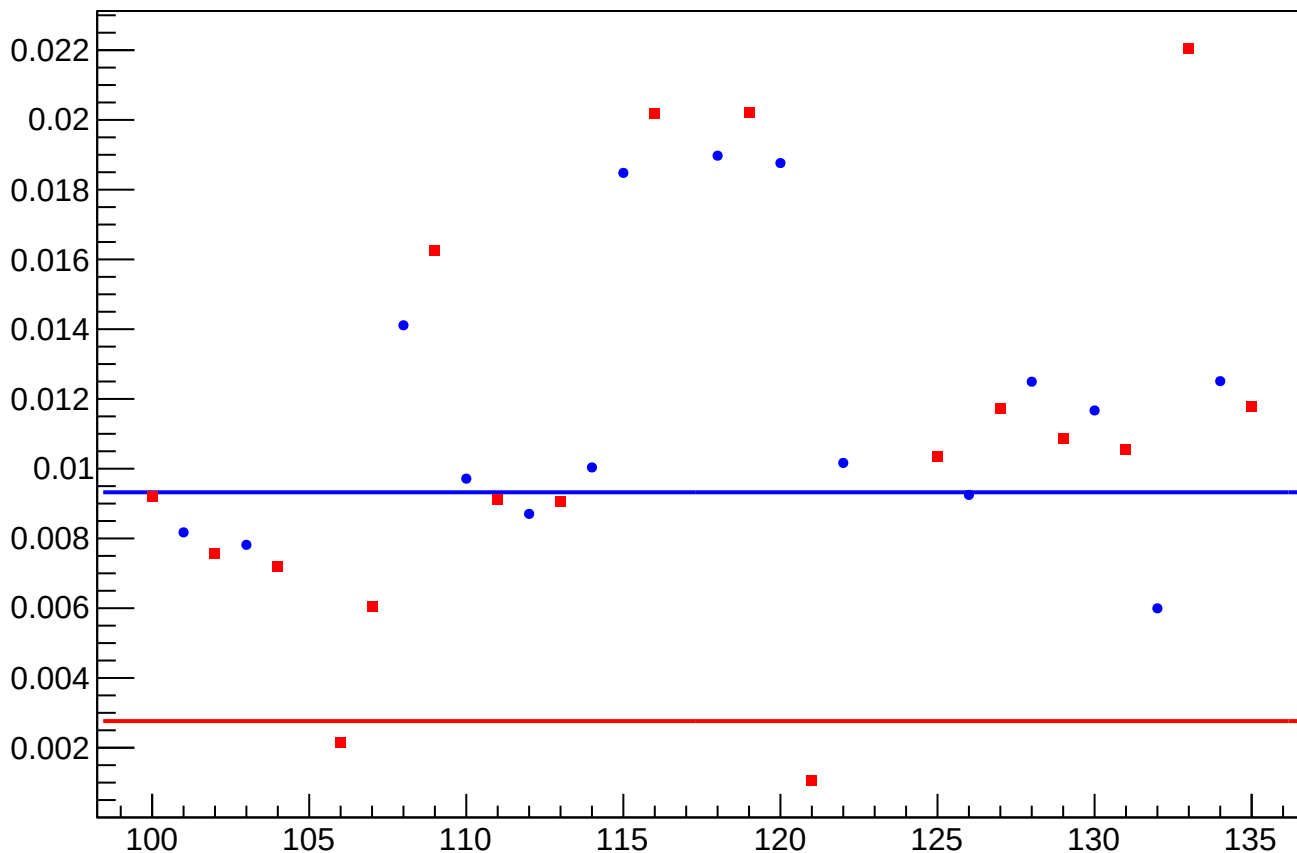
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 1079985.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 8333889.3/16

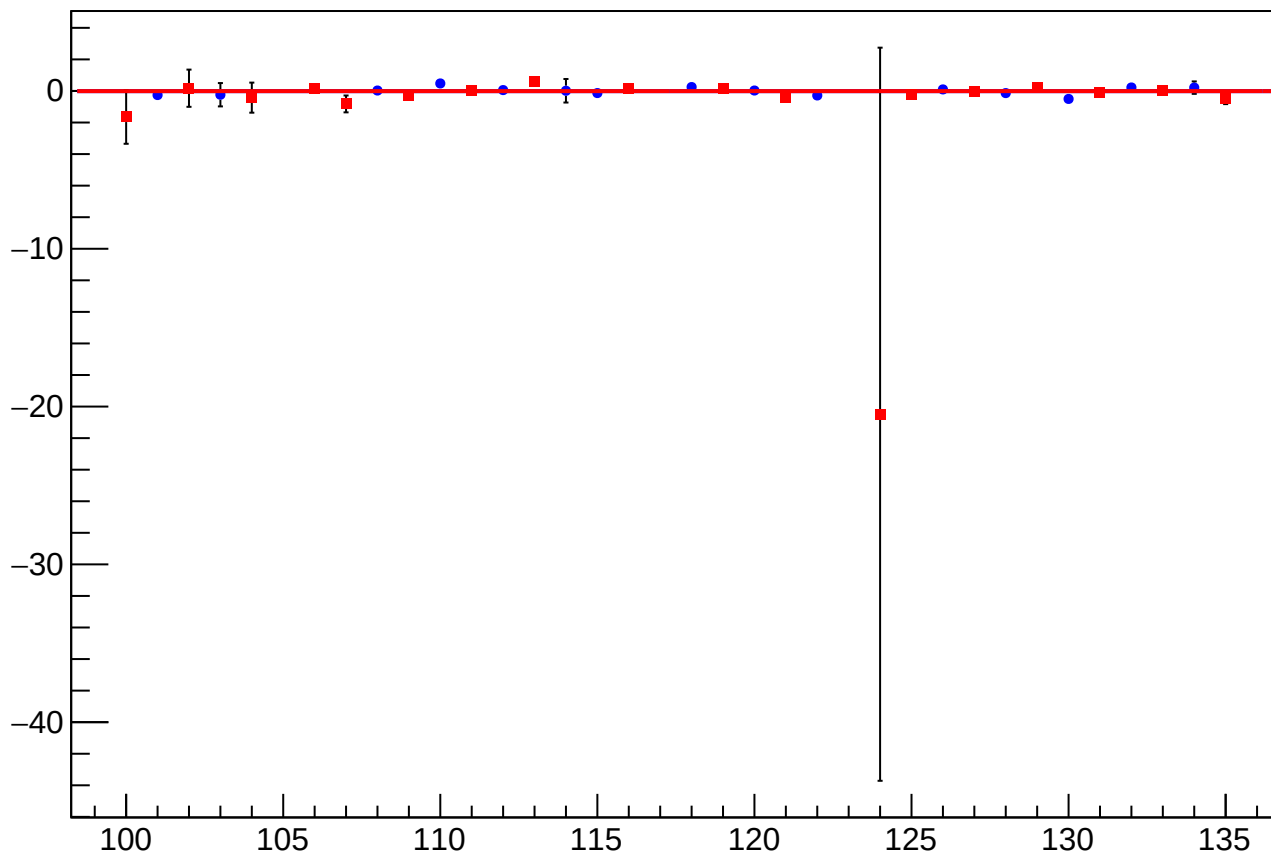
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 14070694.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.012 $\pm$ 0.060 χ^2 /NDF: 16.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.057 χ^2 /NDF: 21.8/17

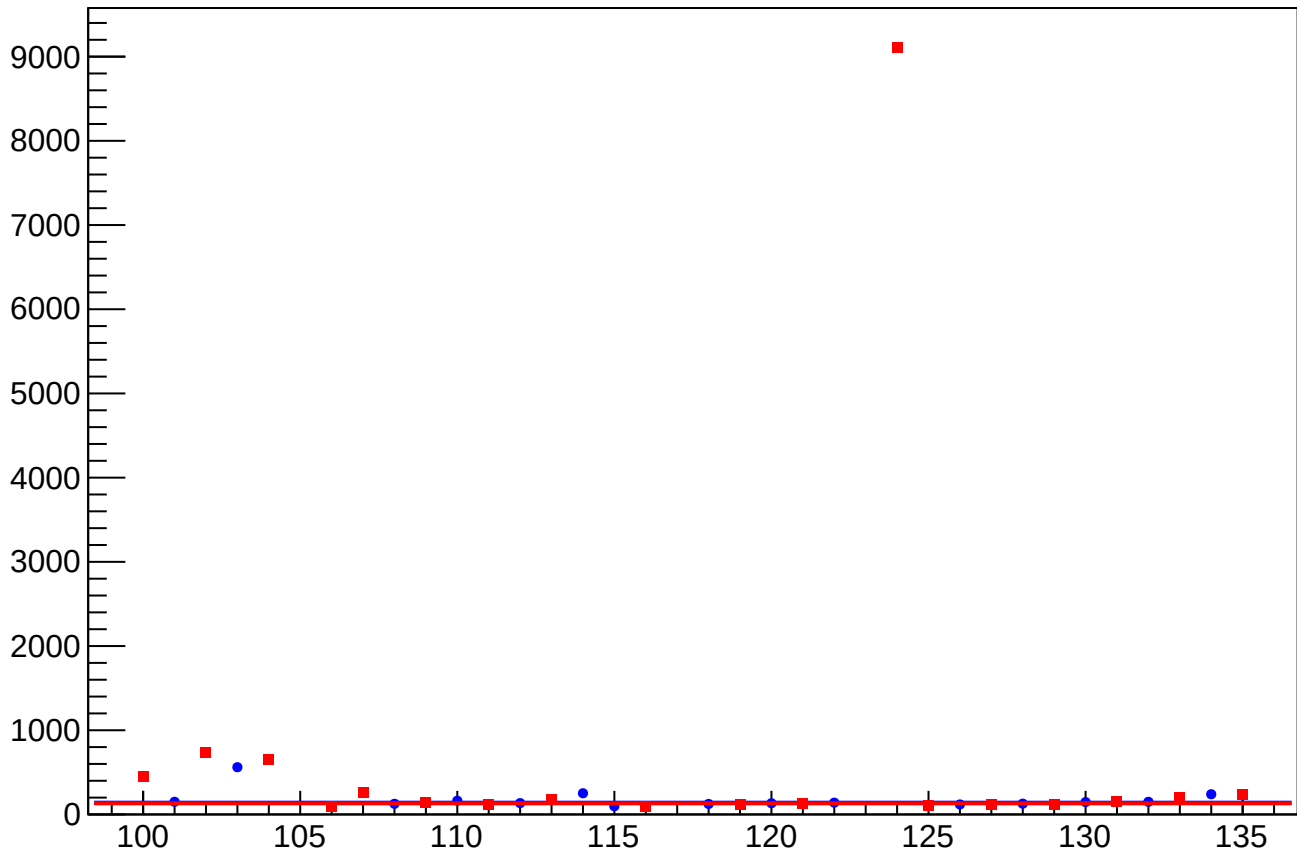
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.011 $\pm$ 0.041 χ^2 /NDF: 37.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 139.735+/-0.042 χ^2/NDF : 961021.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

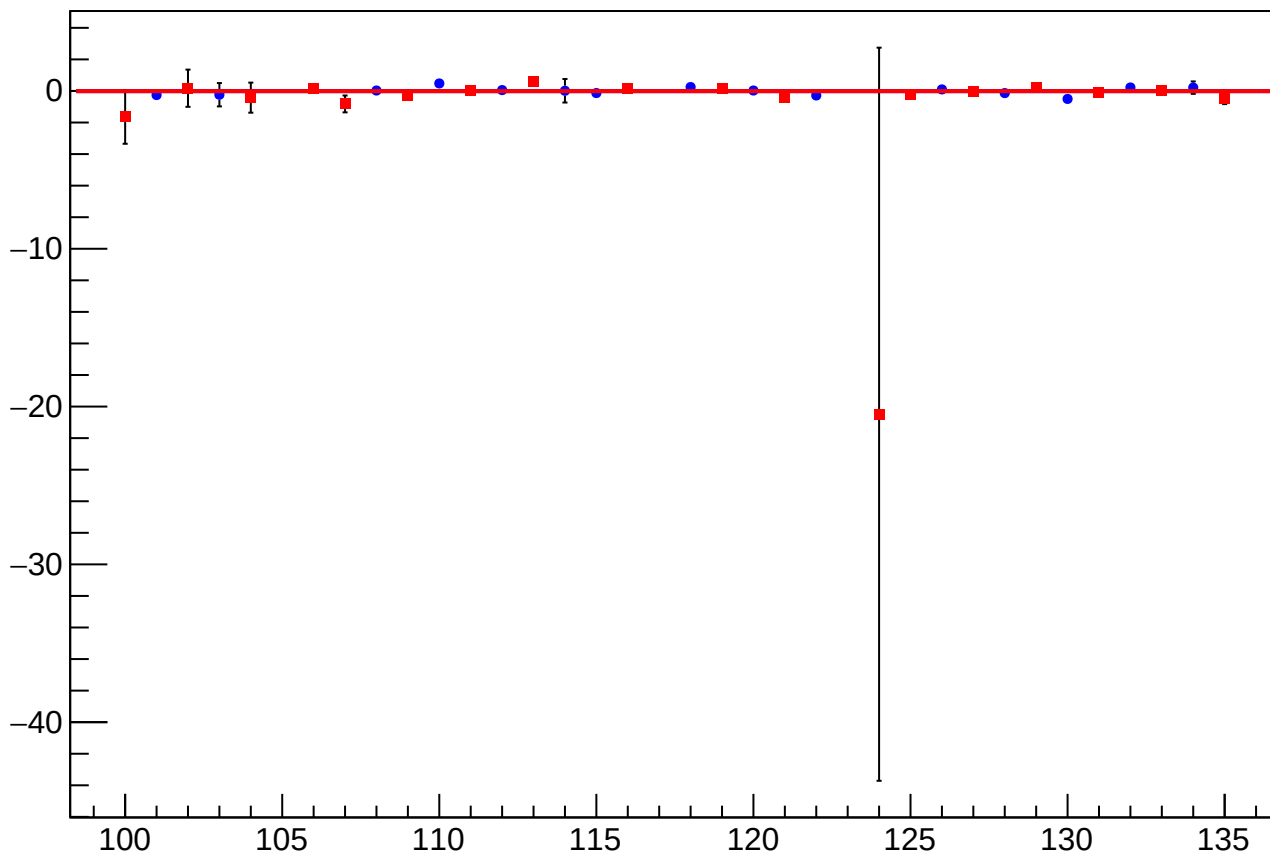
Right Out: 132.207+/-0.040 χ^2/NDF : 2181390.8/17

All: 135.783+/-0.029 χ^2/NDF : 3158982.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.012 ± 0.060 χ^2/NDF : 16.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.057 χ^2/NDF : 21.8/17

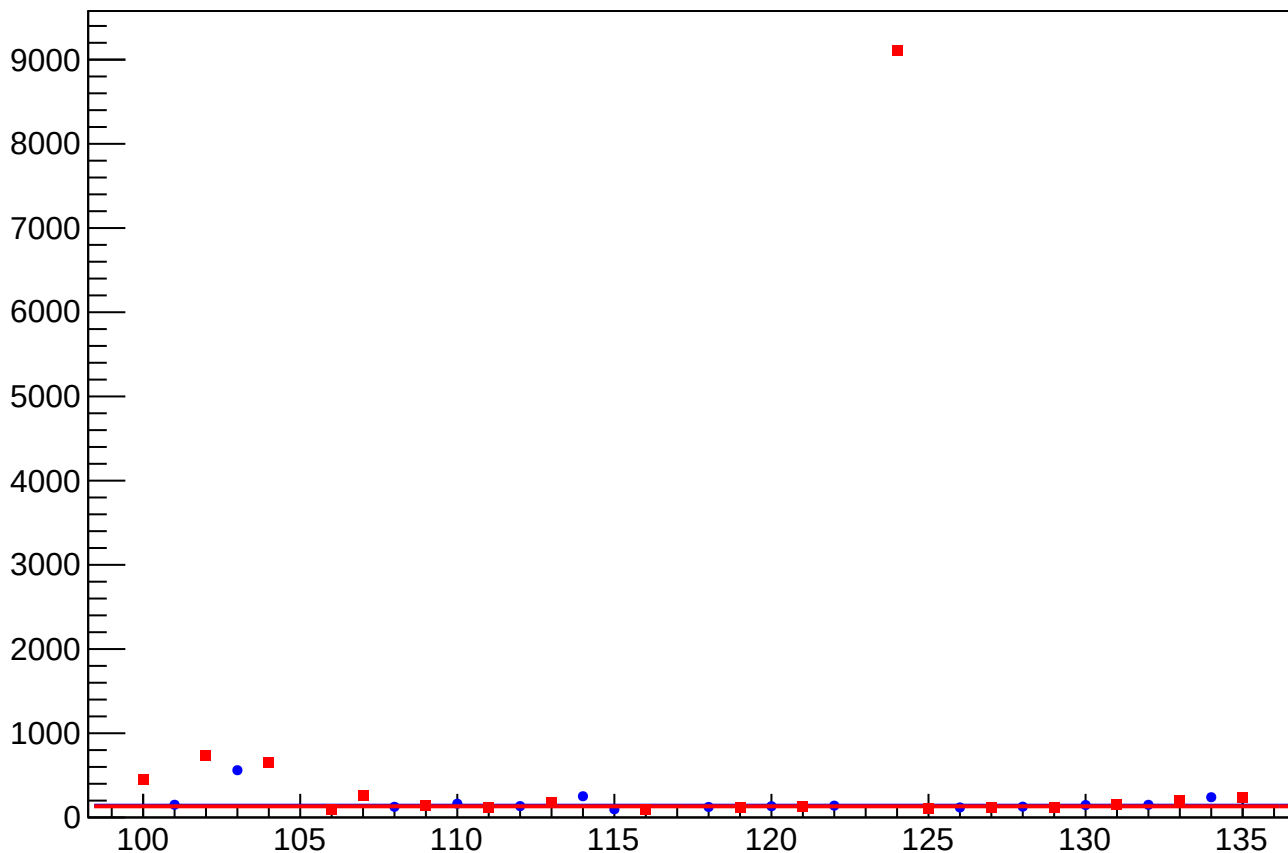
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.011 ± 0.041 χ^2/NDF : 37.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 139.735+/-0.042 χ^2/NDF : 961021.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.207+/-0.040 χ^2/NDF : 2181390.8/17

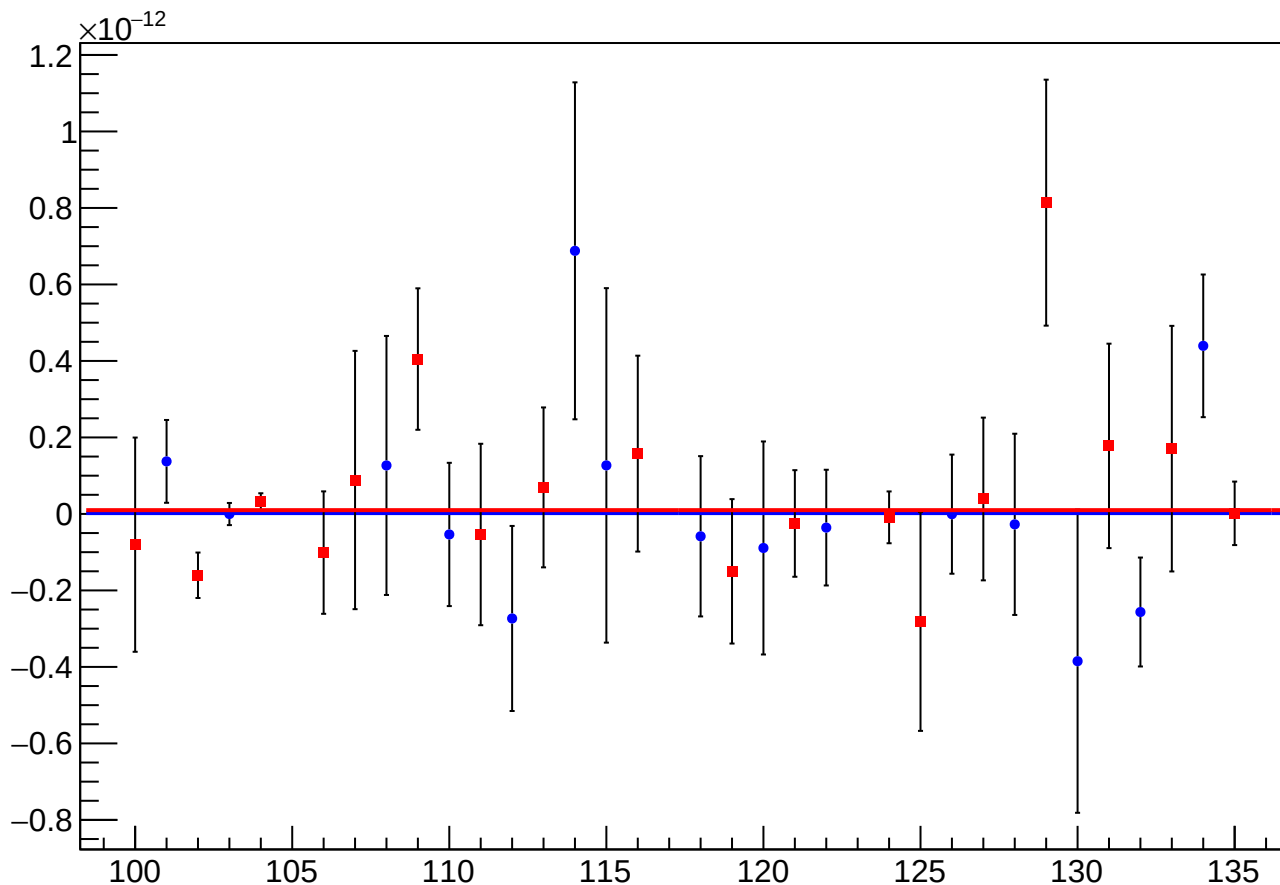
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 135.783+/-0.029 χ^2/NDF : 3158982.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.6/17

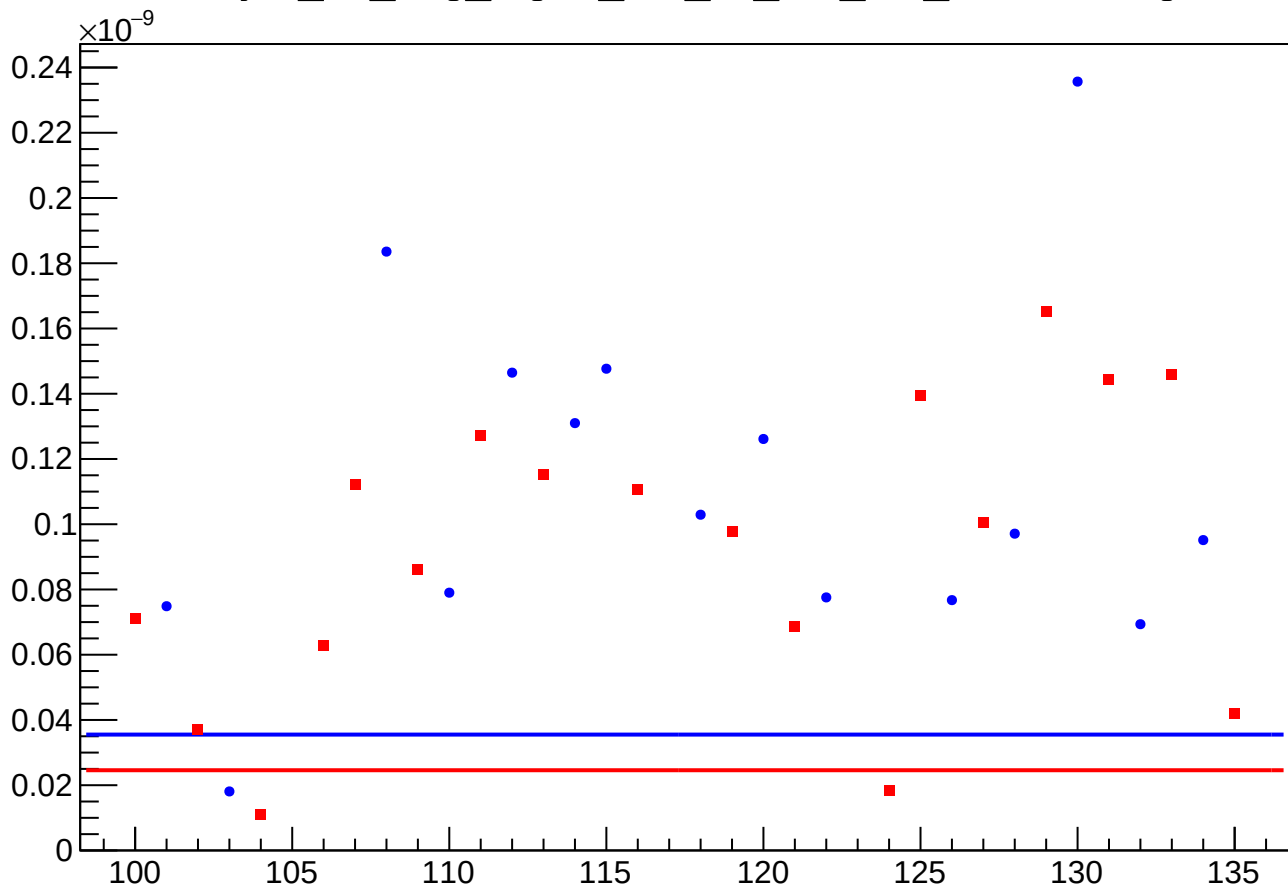
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3786301.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4545084.1/17

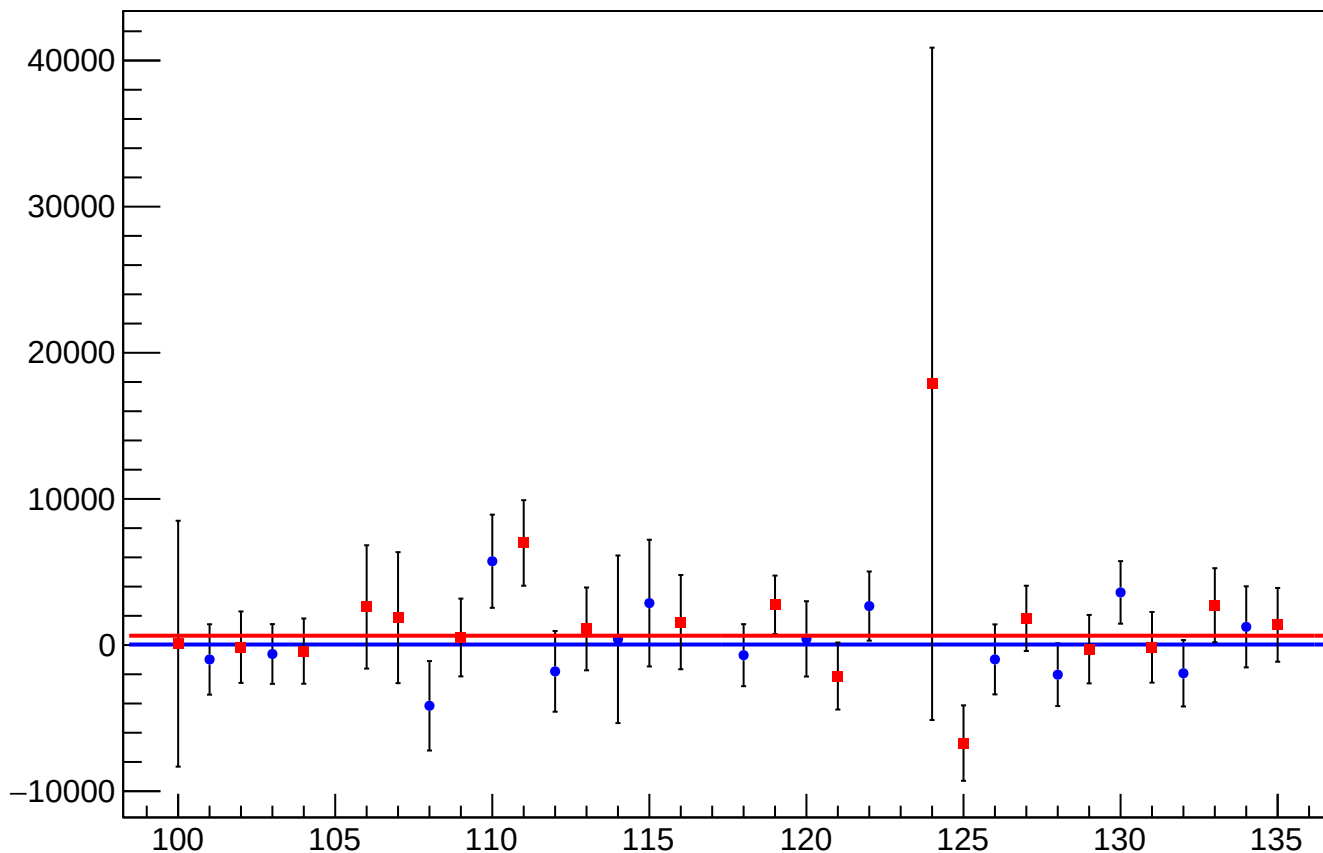
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8573773.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_mean vs Slug



Right In: 36.606+/-657.253 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 640.089+/-642.095 χ^2/NDF : 18.0/17

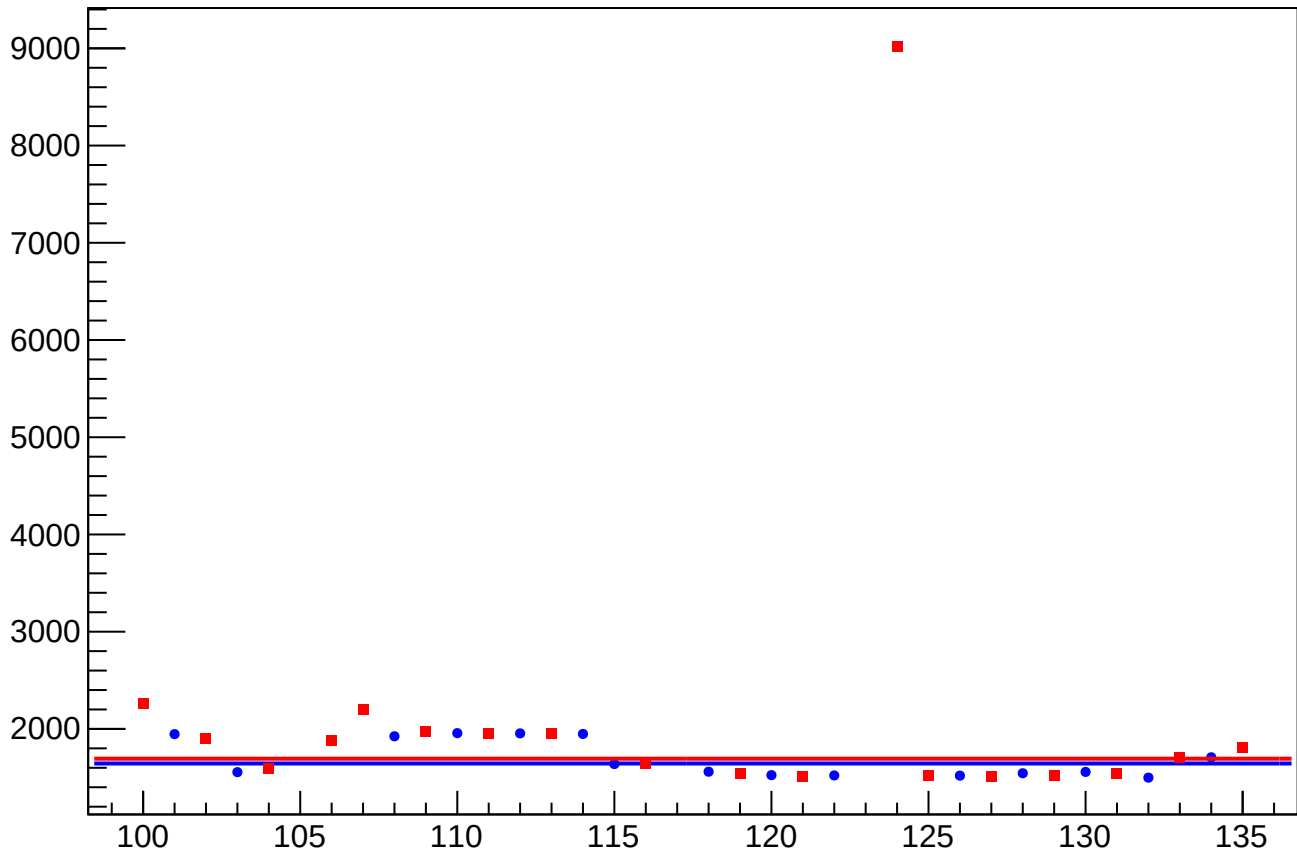
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 345.386+/-459.295 χ^2/NDF : 30.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_rms vs Slug



Right In: 1644.239+/-0.465 χ^2/NDF : 137026.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1693.740+/-0.452 χ^2/NDF : 385524.8/17

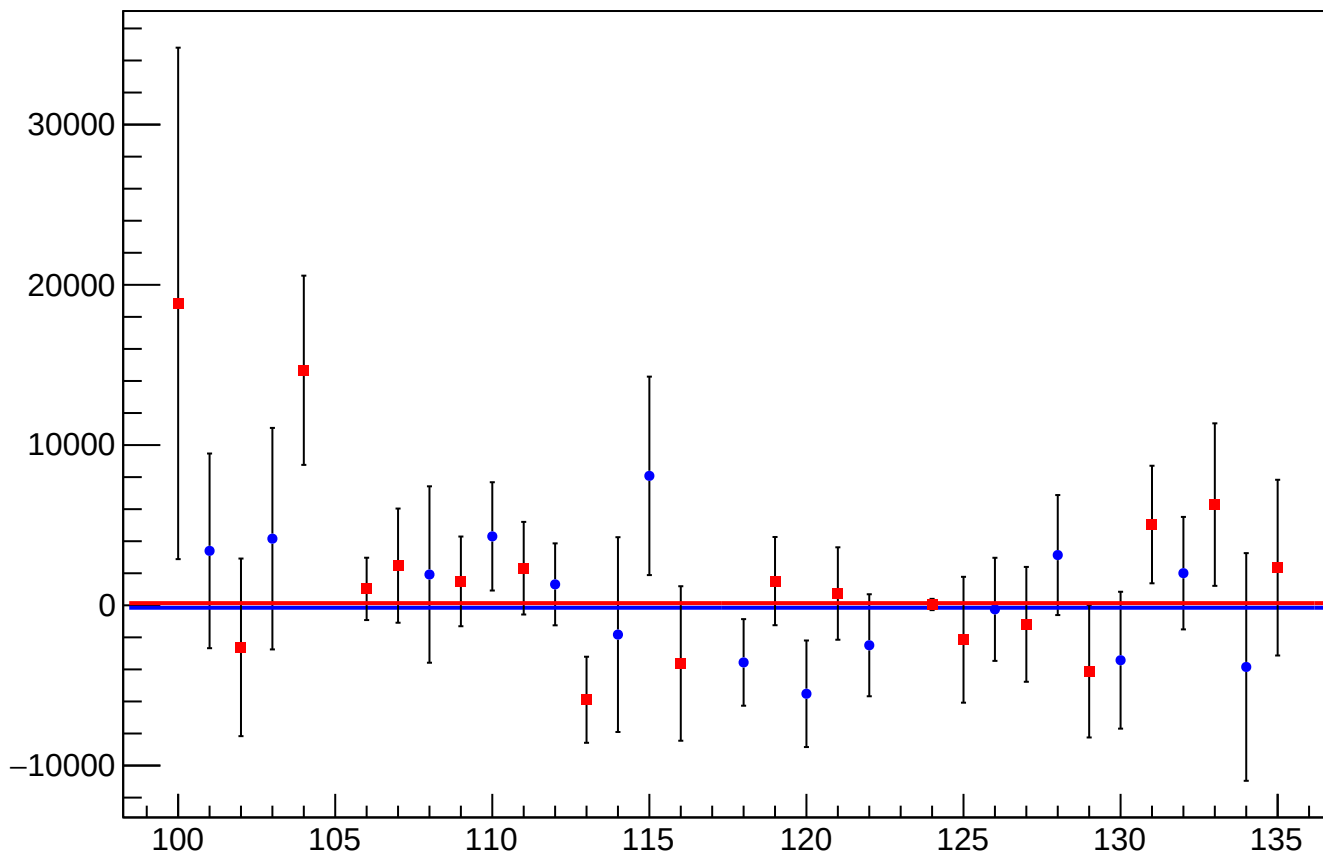
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1669.684+/-0.324 χ^2/NDF : 528383.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_mean vs Slug



Right In: -150.707+/-987.952 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 136.230+/-323.944 χ^2/NDF : 20.1/17

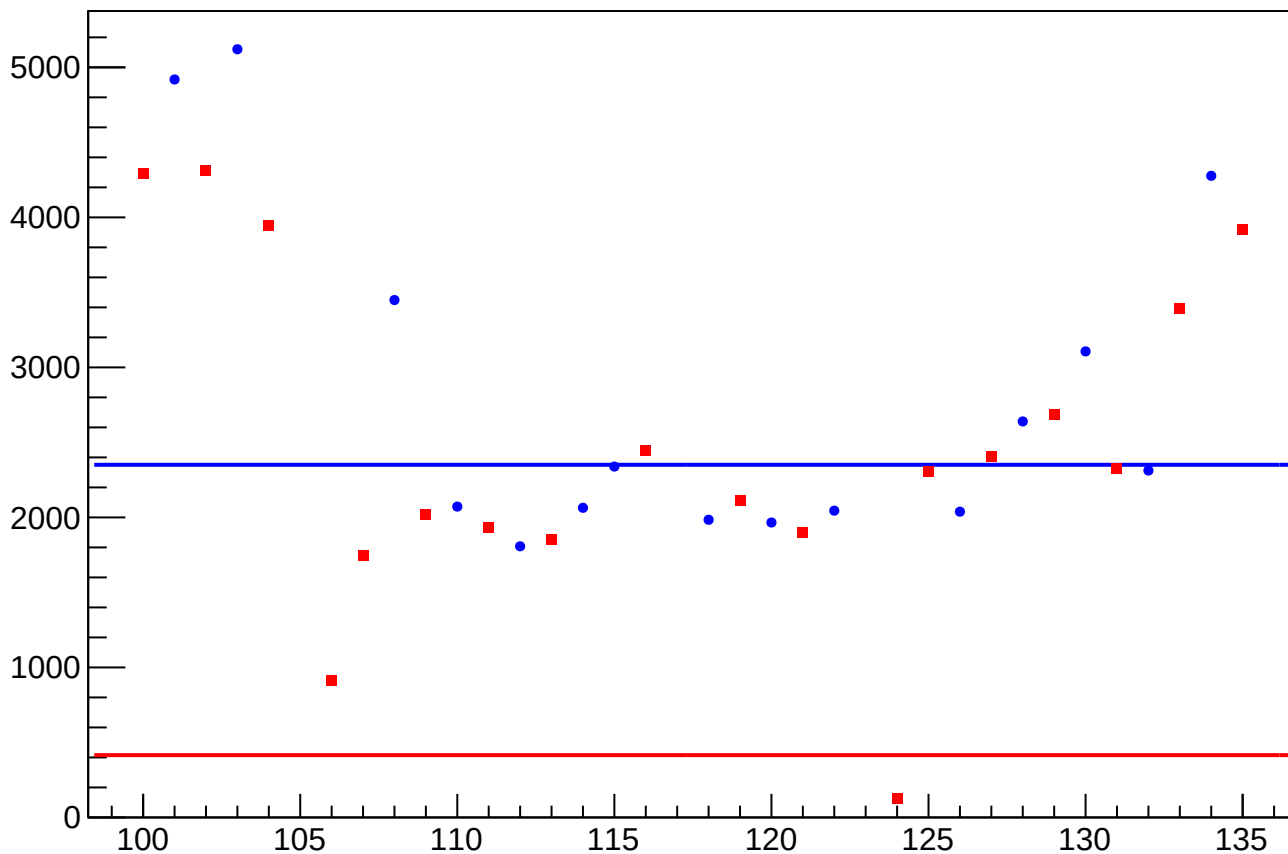
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.374+/-307.819 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_correction_rms vs Slug



Right In: 2350.761 $\pm$ 0.699 χ^2 /NDF: 1189447.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

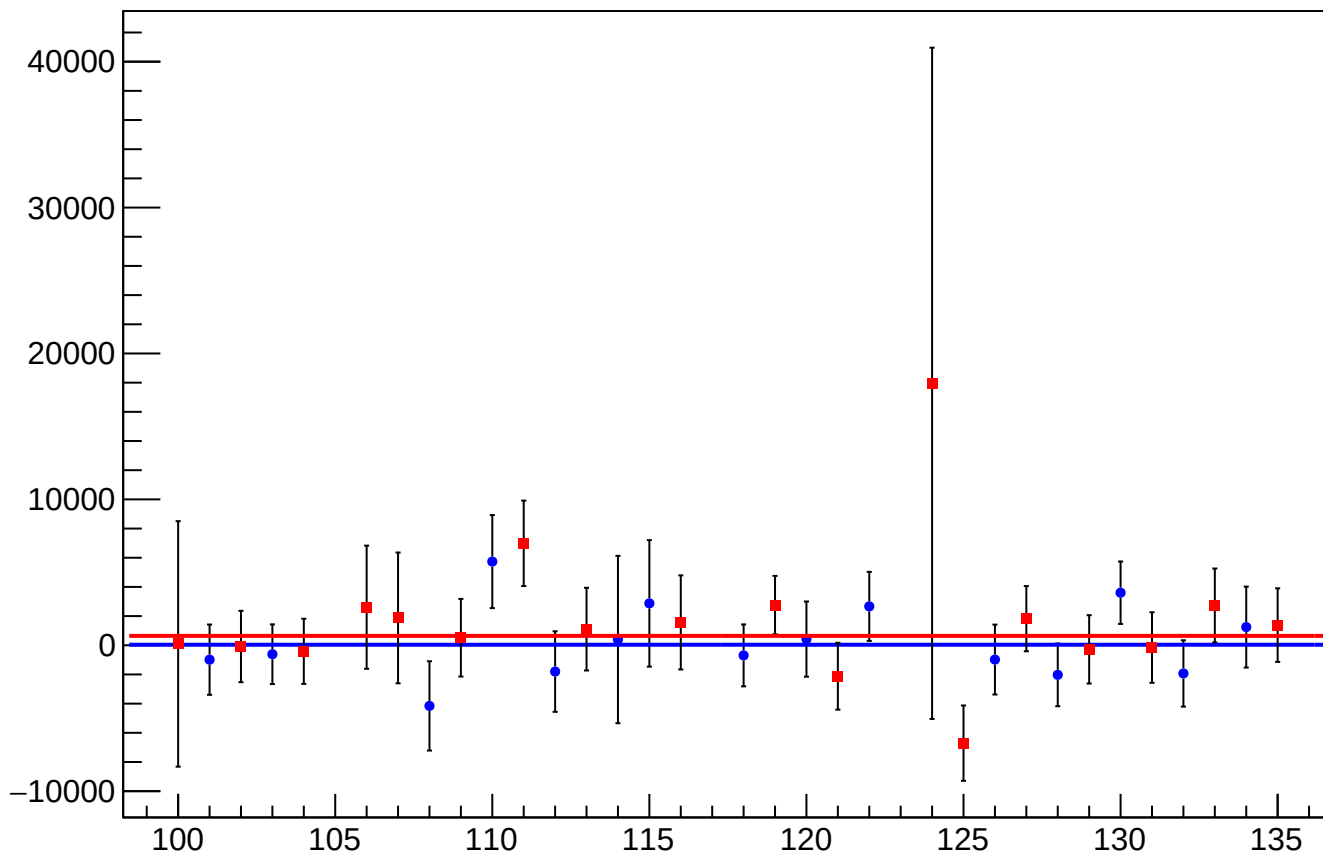
Right Out: 415.397 $\pm$ 0.229 χ^2 /NDF: 10741923.4/17

All: 603.278 $\pm$ 0.218 χ^2 /NDF: 18861383.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_mean vs Slug



Right In: 36.482+/-657.253 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.490+/-642.102 χ^2/NDF : 18.0/17

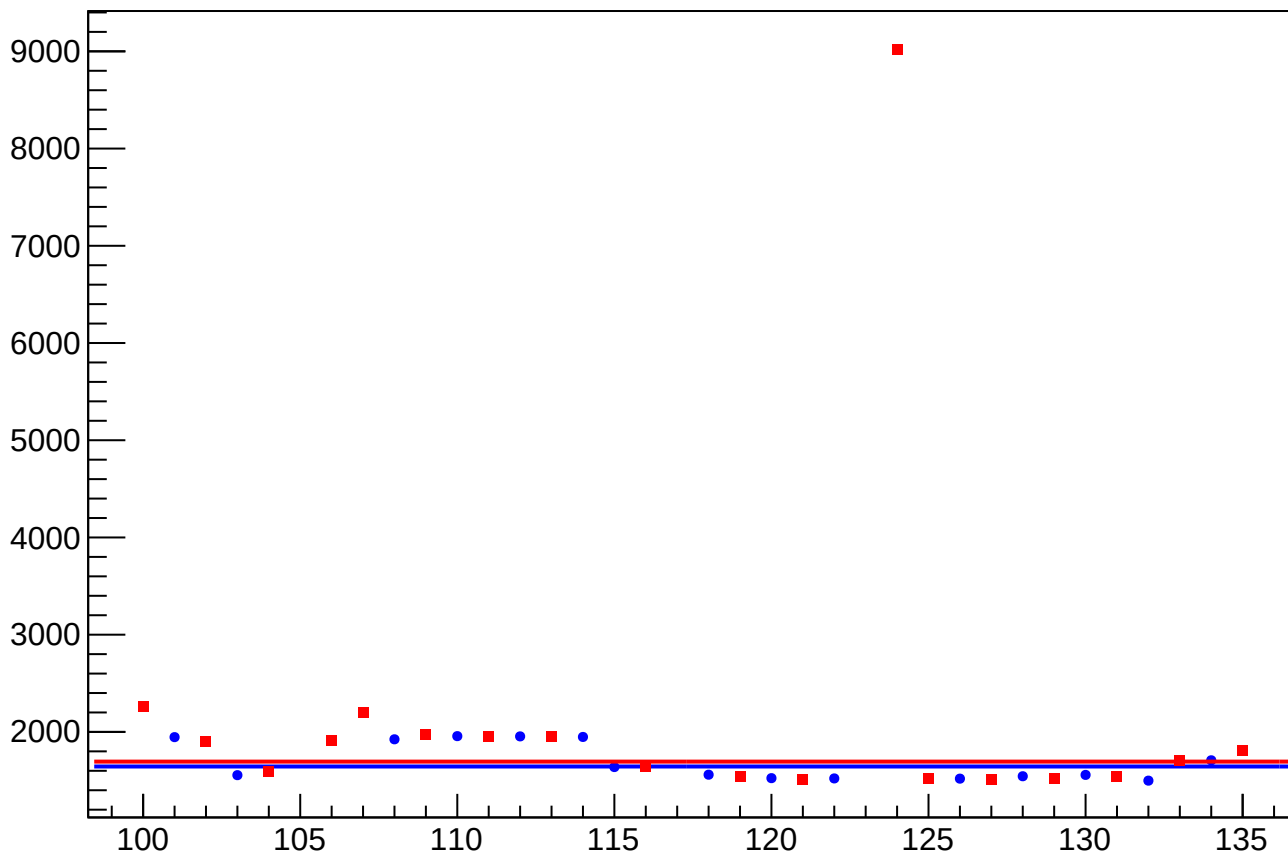
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.575+/-459.297 χ^2/NDF : 30.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_rms vs Slug



Right In: 1644.239 $\pm$ 0.465 χ^2/NDF : 137026.9/14

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

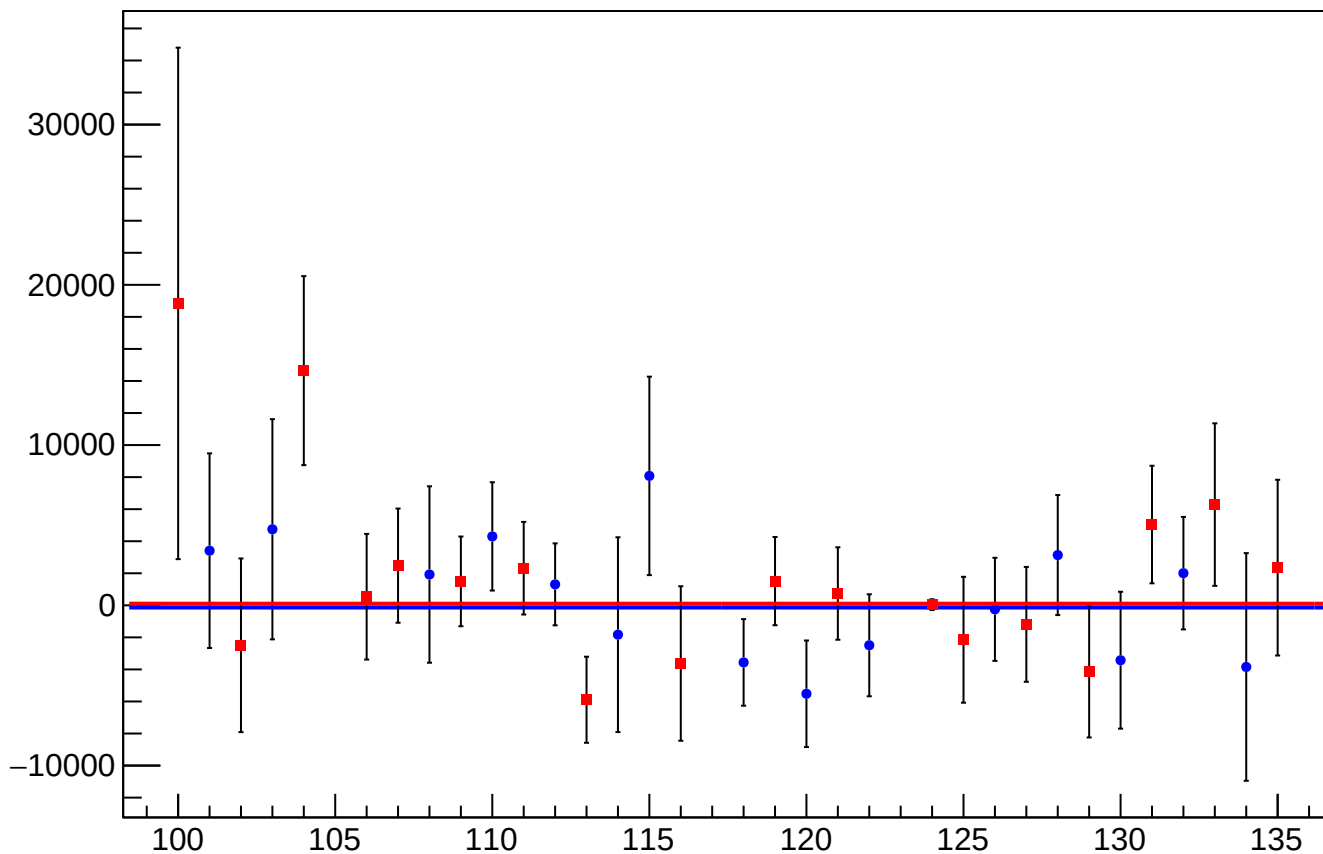
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 1670.090 $\pm$ 0.324 χ^2/NDF : 530346.8/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_mean vs Slug



Right In: -137.321+/-987.823 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.324+/-315.970 χ^2/NDF : 19.9/17

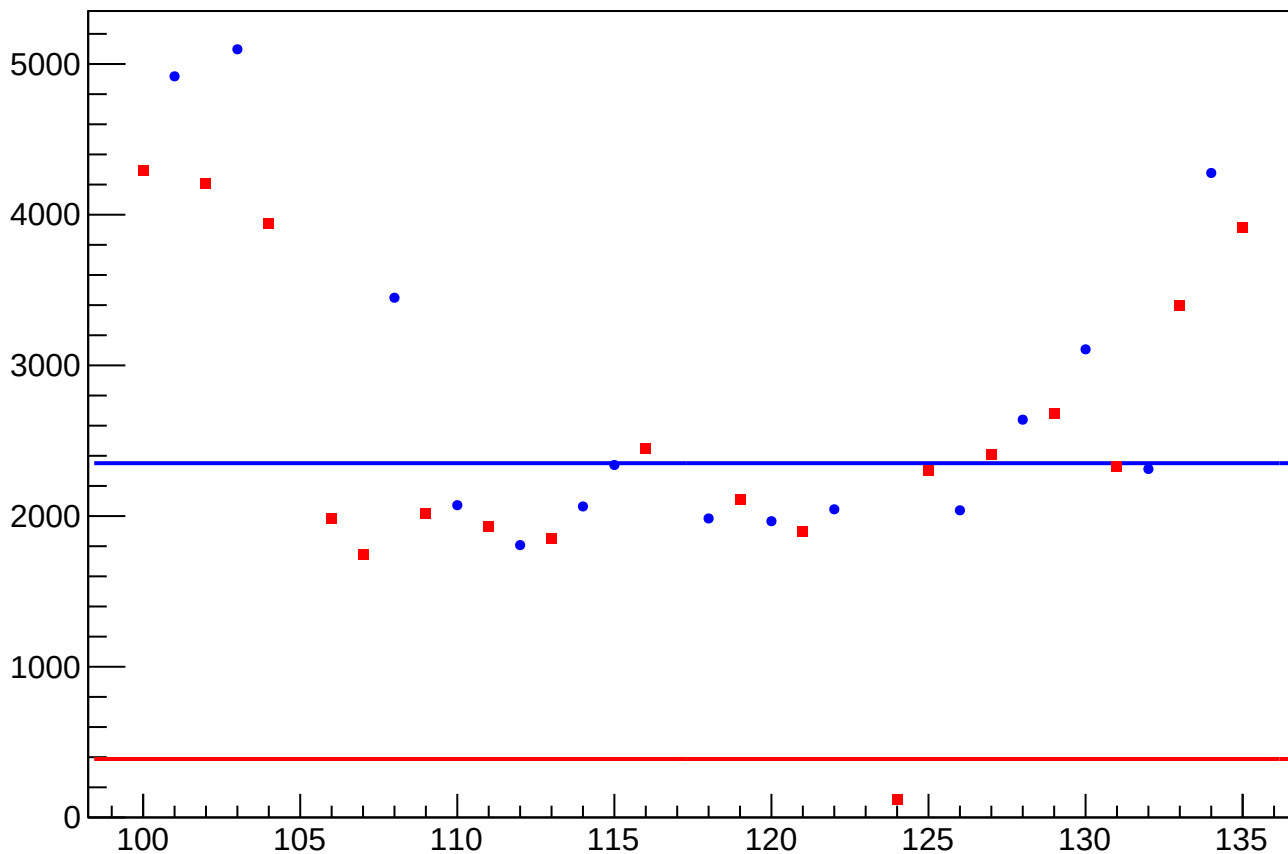
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 80.080+/-300.950 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_cor_correction_rms vs Slug



Right In: 2350.958 $\pm$ 0.698 χ^2 /NDF: 1187817.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

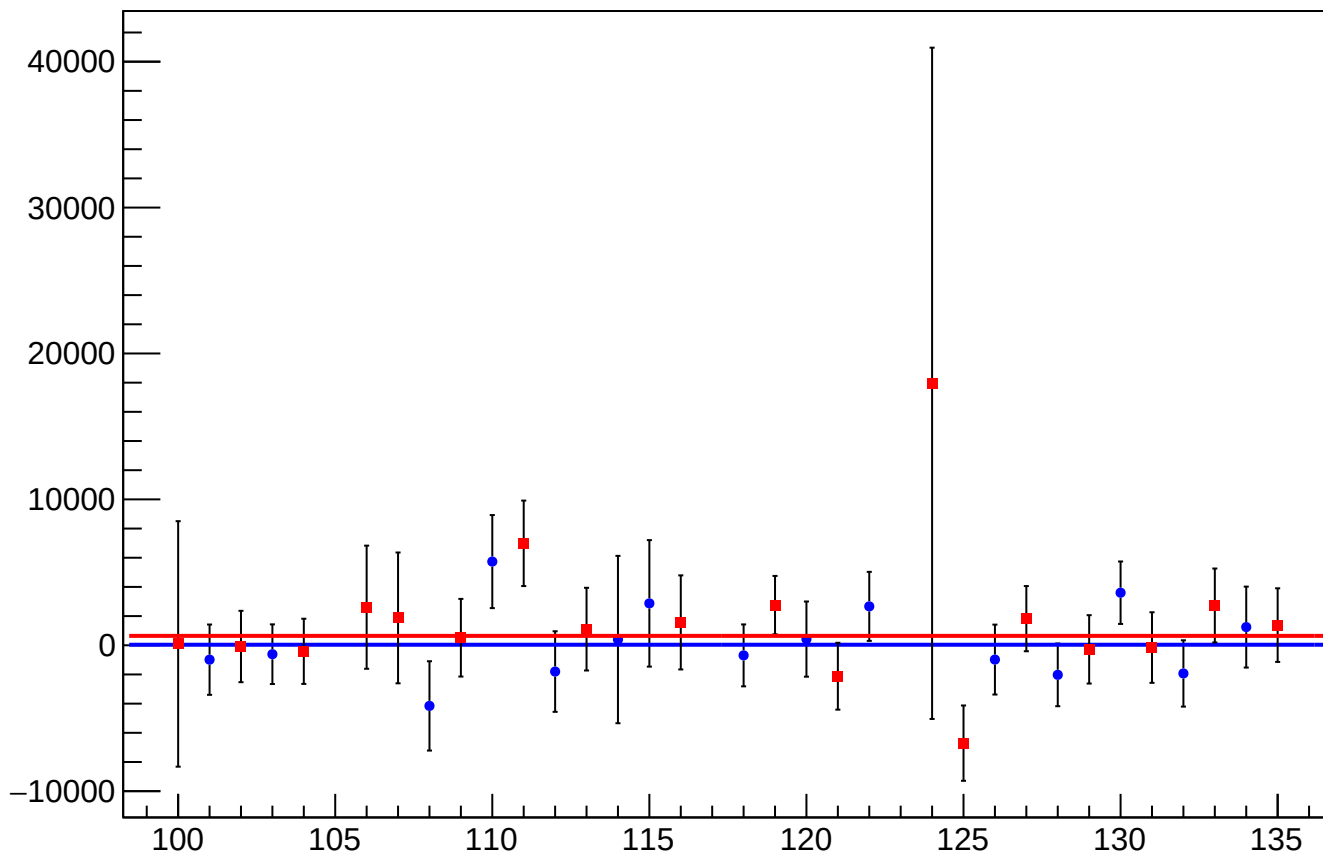
Right Out: 387.971 $\pm$ 0.223 χ^2 /NDF: 11080795.6/17

All: 570.170 $\pm$ 0.213 χ^2 /NDF: 19433358.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_mean vs Slug



Right In: 36.482+/-657.253 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 644.490+/-642.102 χ^2/NDF : 18.0/17

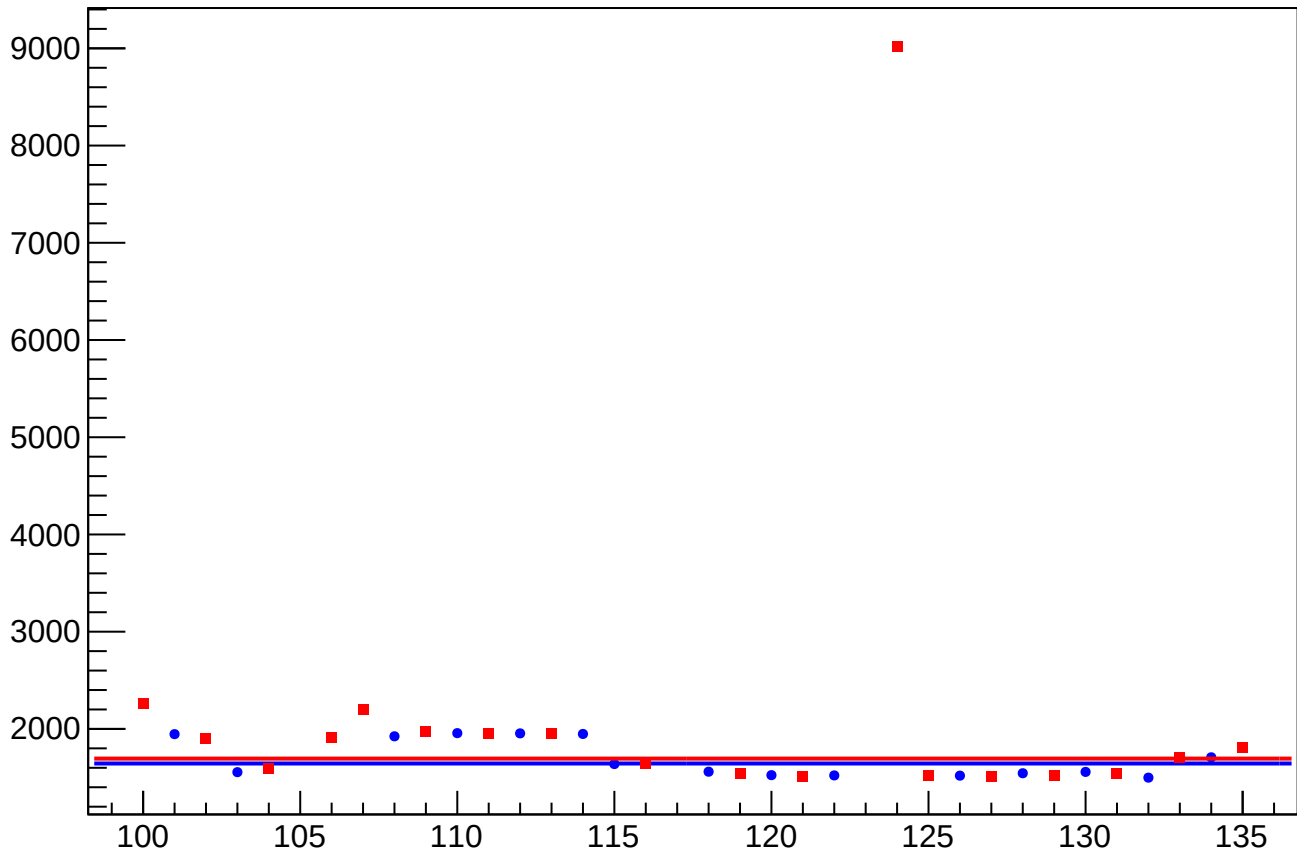
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.575+/-459.297 χ^2/NDF : 30.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_dd_rms vs Slug



Right In: 1644.239 $\pm$ 0.465 χ^2 /NDF: 137026.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

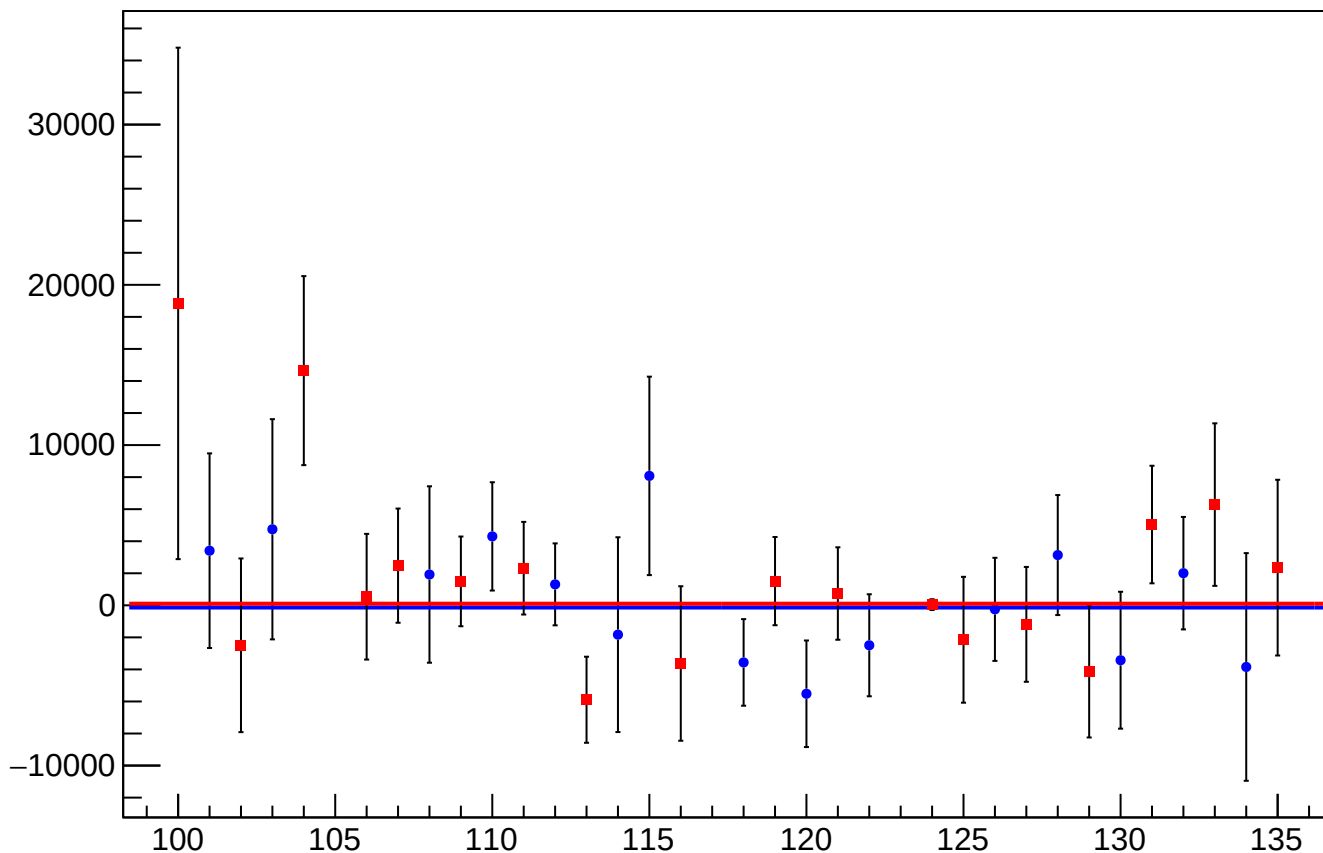
Right Out: 1694.553 $\pm$ 0.452 χ^2 /NDF: 387298.2/17

All: 1670.090 $\pm$ 0.324 χ^2 /NDF: 530346.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_correction_mean vs Slug



Right In: -137.321 ± 987.823 χ^2/NDF : 11.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 102.324 ± 315.970 χ^2/NDF : 19.9/17

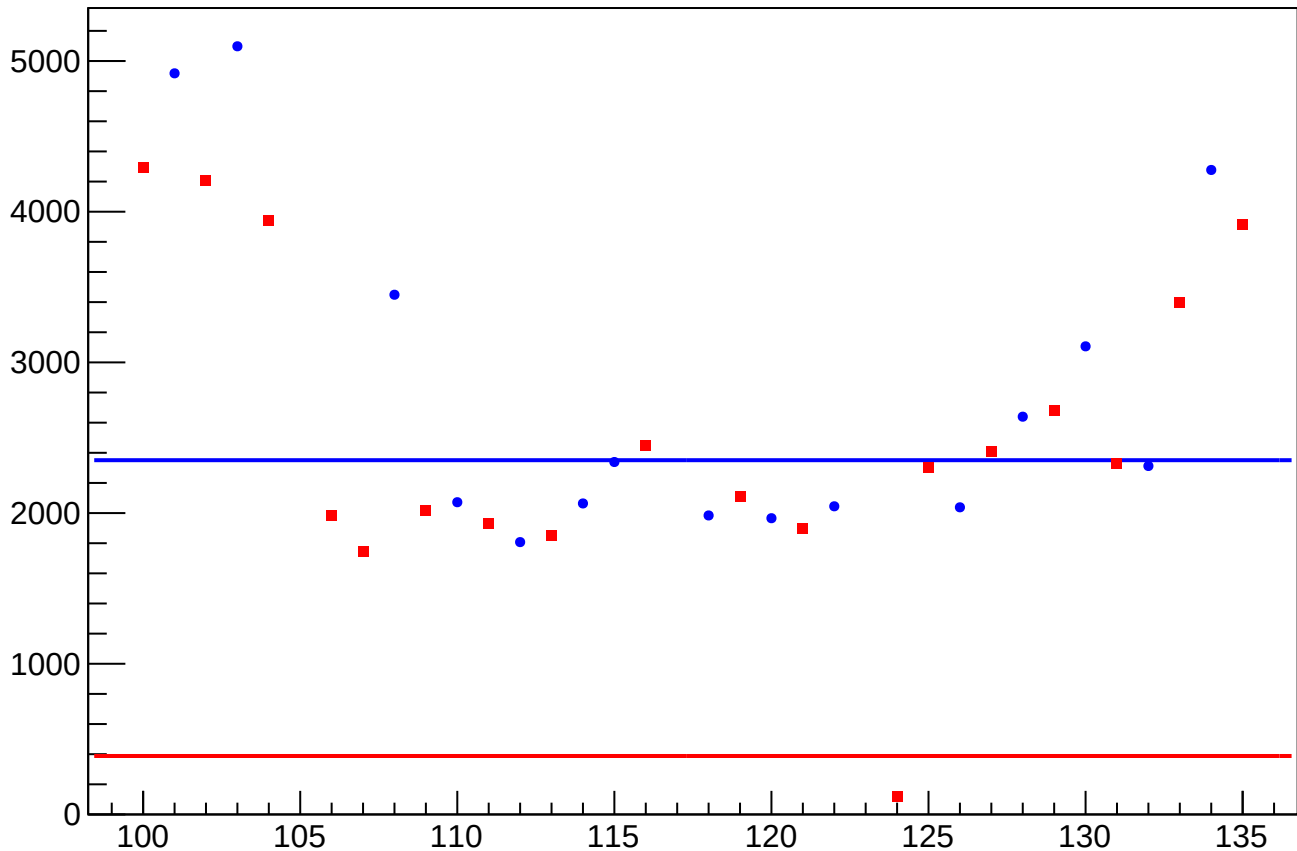
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 80.080 ± 300.950 χ^2/NDF : 31.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_cor_correction_rms vs Slug



Right In: 2350.958 $\pm$ 0.698 χ^2 /NDF: 1187817.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

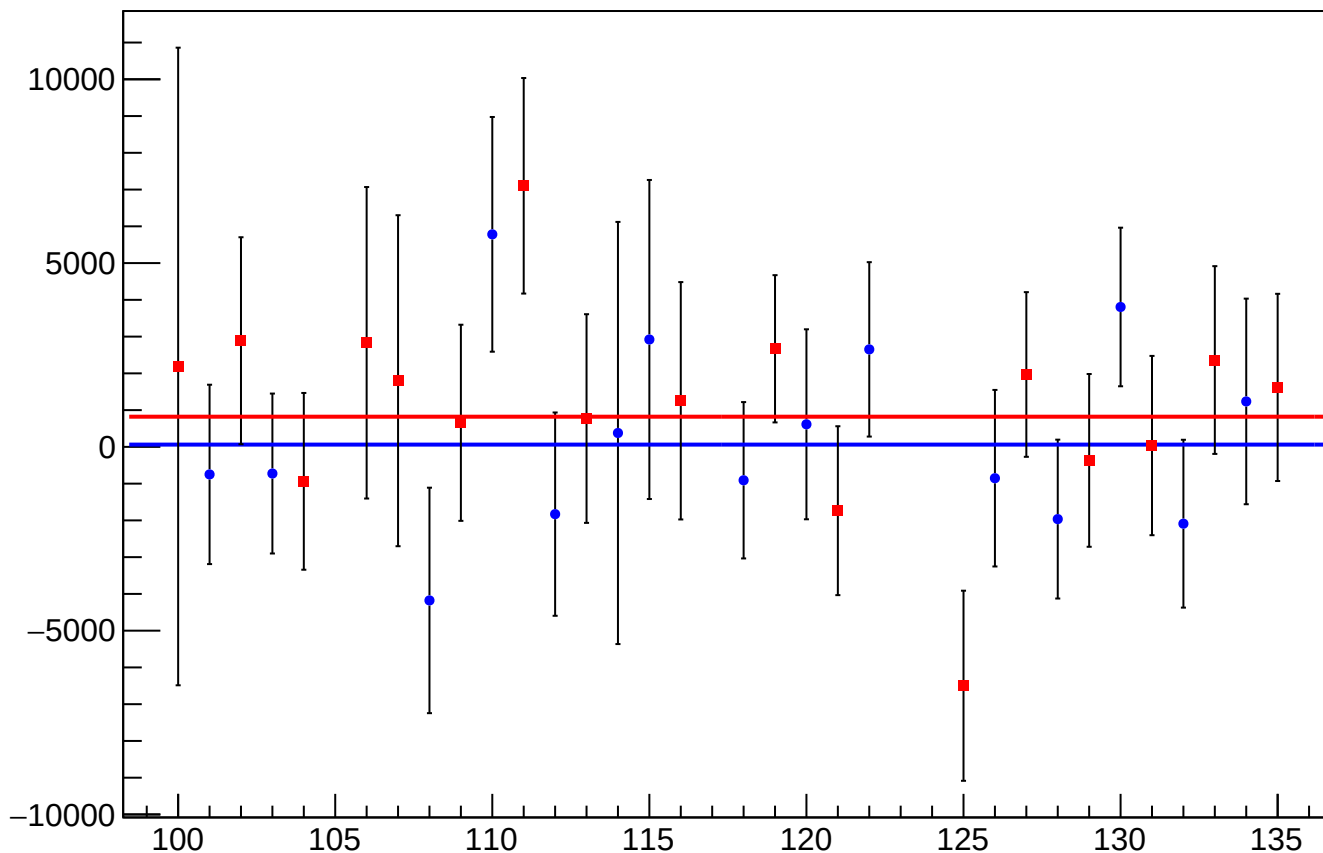
Right Out: 387.971 $\pm$ 0.223 χ^2 /NDF: 11080795.6/17

All: 570.170 $\pm$ 0.213 χ^2 /NDF: 19433358.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

dit_asym_atl_dd_mean vs Slug



Right In: 61.868 $\pm$ 663.947 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 821.010 $\pm$ 653.912 χ^2 /NDF: 17.2/16

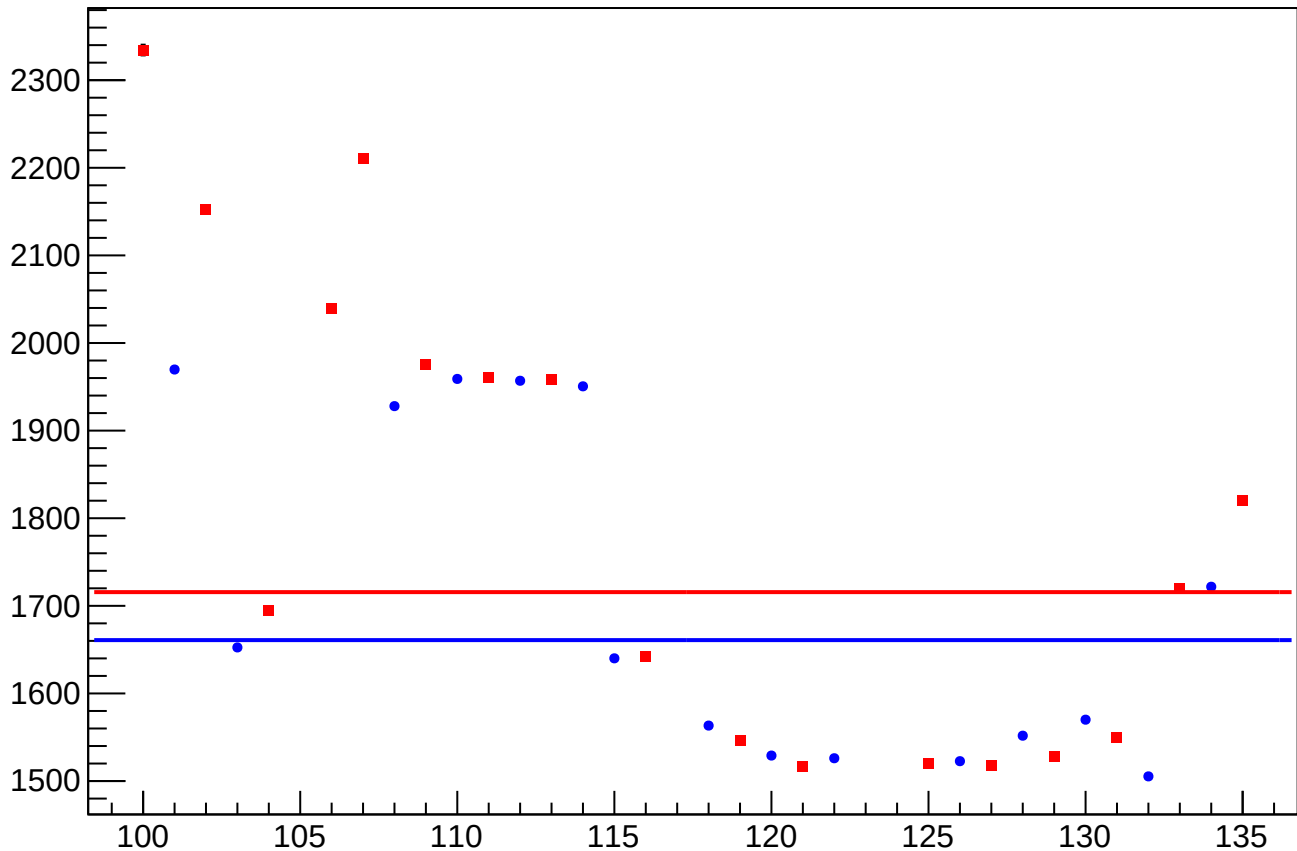
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 447.219 $\pm$ 465.893 χ^2 /NDF: 30.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_rms vs Slug



Right In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

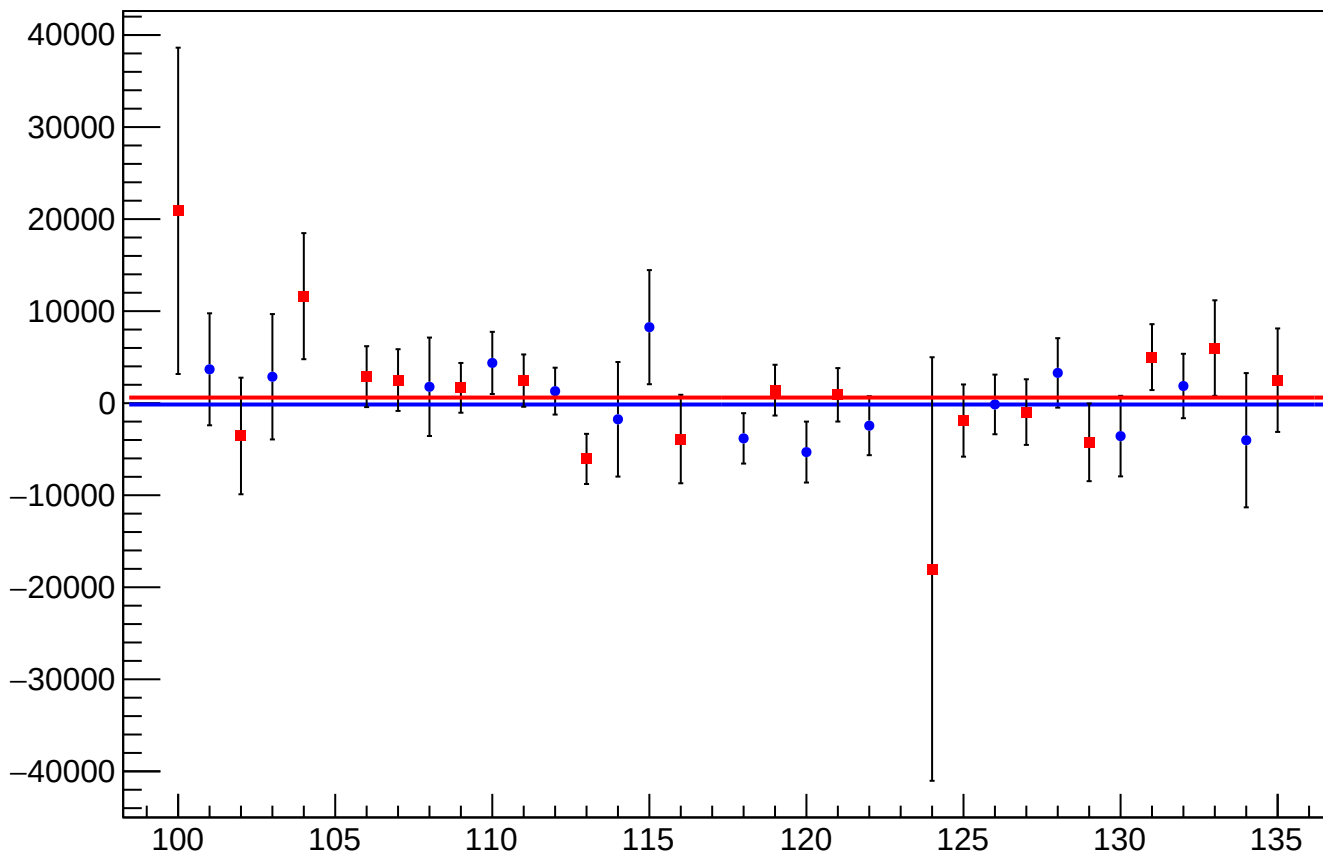
Right Out: 1715.655+/-0.461 χ^2/NDF : 226878.3/16

All: 1688.749+/-0.329 χ^2/NDF : 367904.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_mean vs Slug



Right In: -143.270 ± 991.379 χ^2/NDF : 11.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 611.536 ± 888.410 χ^2/NDF : 17.9/17

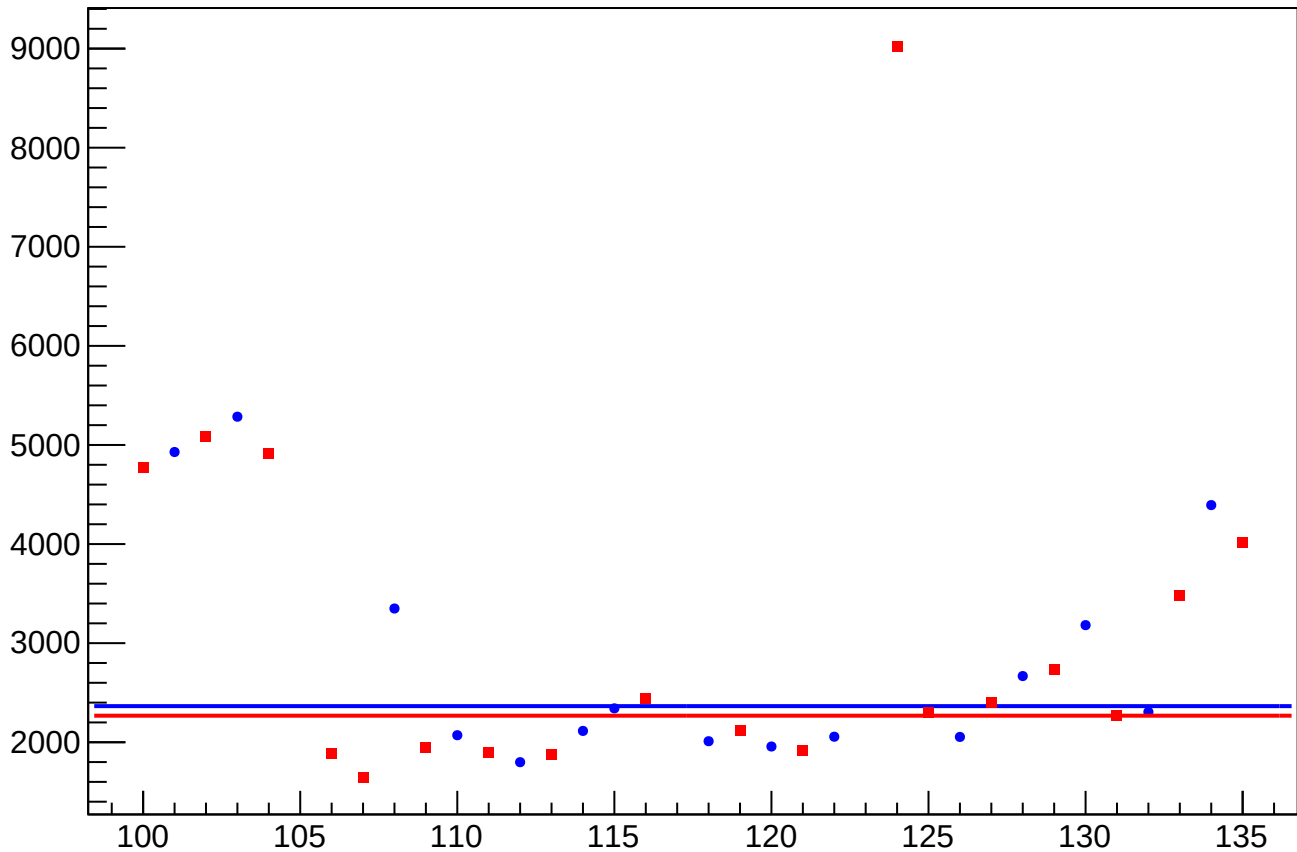
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 275.355 ± 661.620 χ^2/NDF : 29.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_correction_rms vs Slug



Right In: 2364.494+/-0.701 χ^2/NDF : 1246725.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

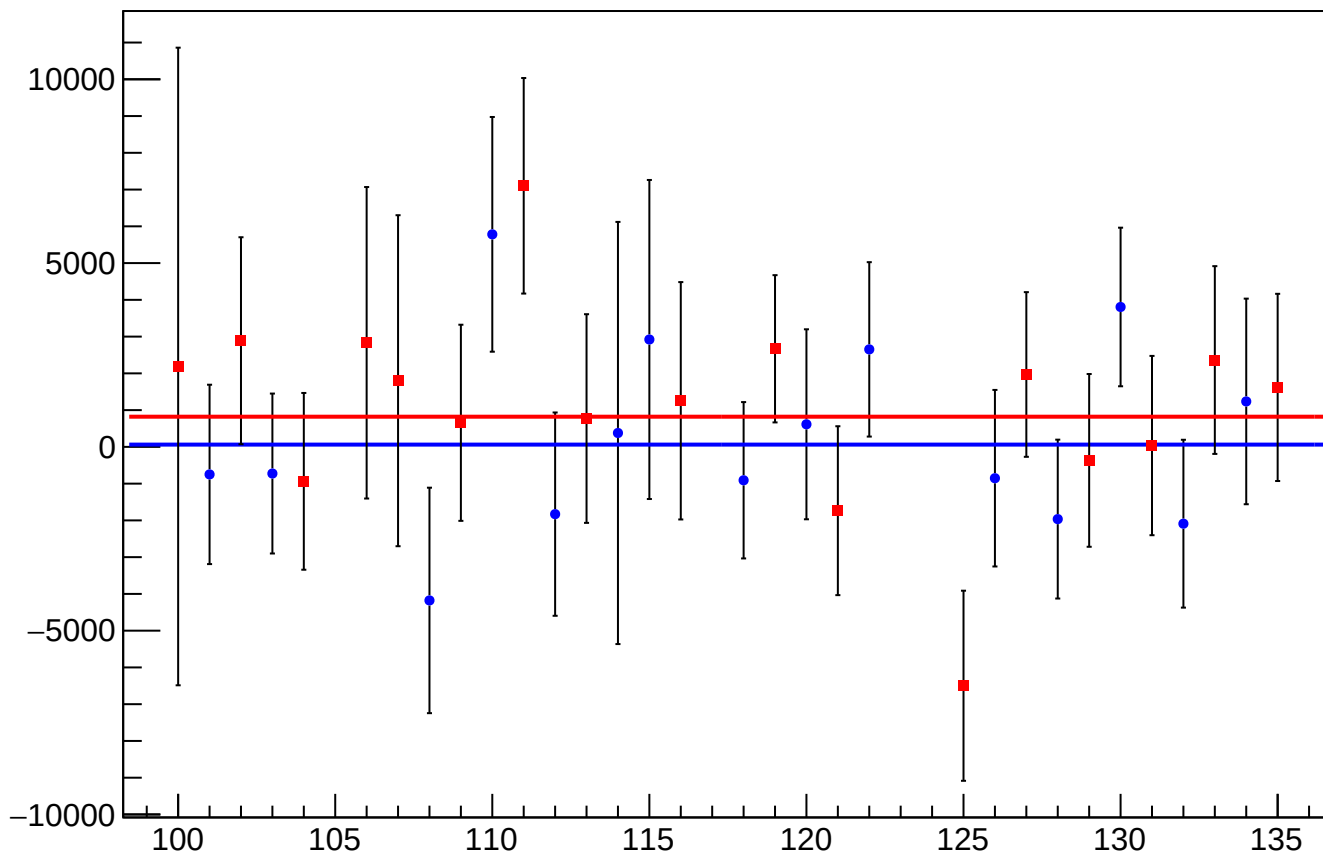
Right Out: 2267.974+/-0.628 χ^2/NDF : 1474514.7/17

All: 2310.963+/-0.468 χ^2/NDF : 2731754.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_mean vs Slug



Right In: 61.862 $\pm$ 663.946 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 821.012 $\pm$ 653.912 χ^2 /NDF: 17.2/16

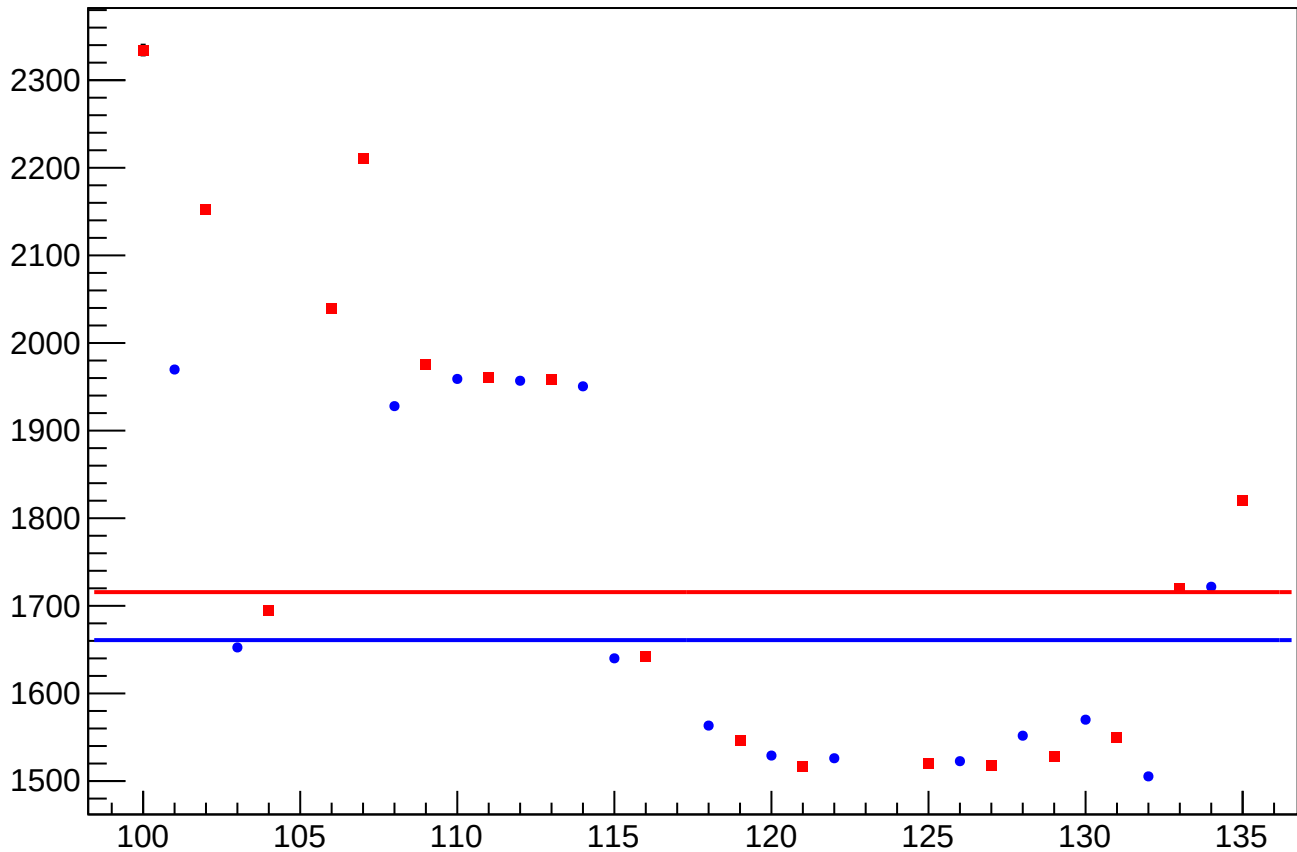
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 447.217 $\pm$ 465.893 χ^2 /NDF: 30.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl_dd_rms vs Slug



Right In: 1660.877+/-0.469 χ^2/NDF : 134099.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1715.655+/-0.461 χ^2/NDF : 226877.6/16

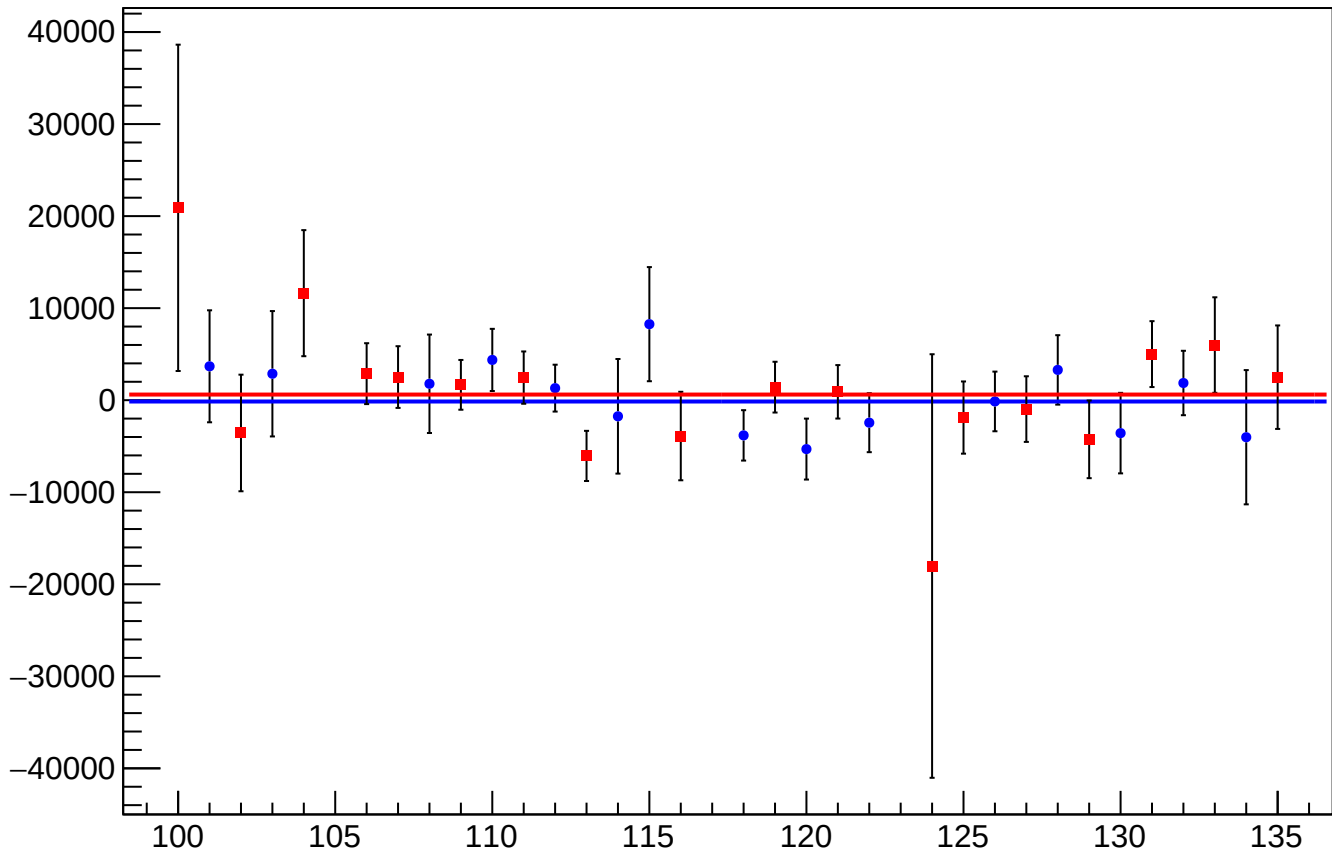
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1688.748+/-0.329 χ^2/NDF : 367903.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_mean vs Slug



Right In: -143.272 ± 991.374 χ^2/NDF : 11.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 611.537 ± 888.407 χ^2/NDF : 17.9/17

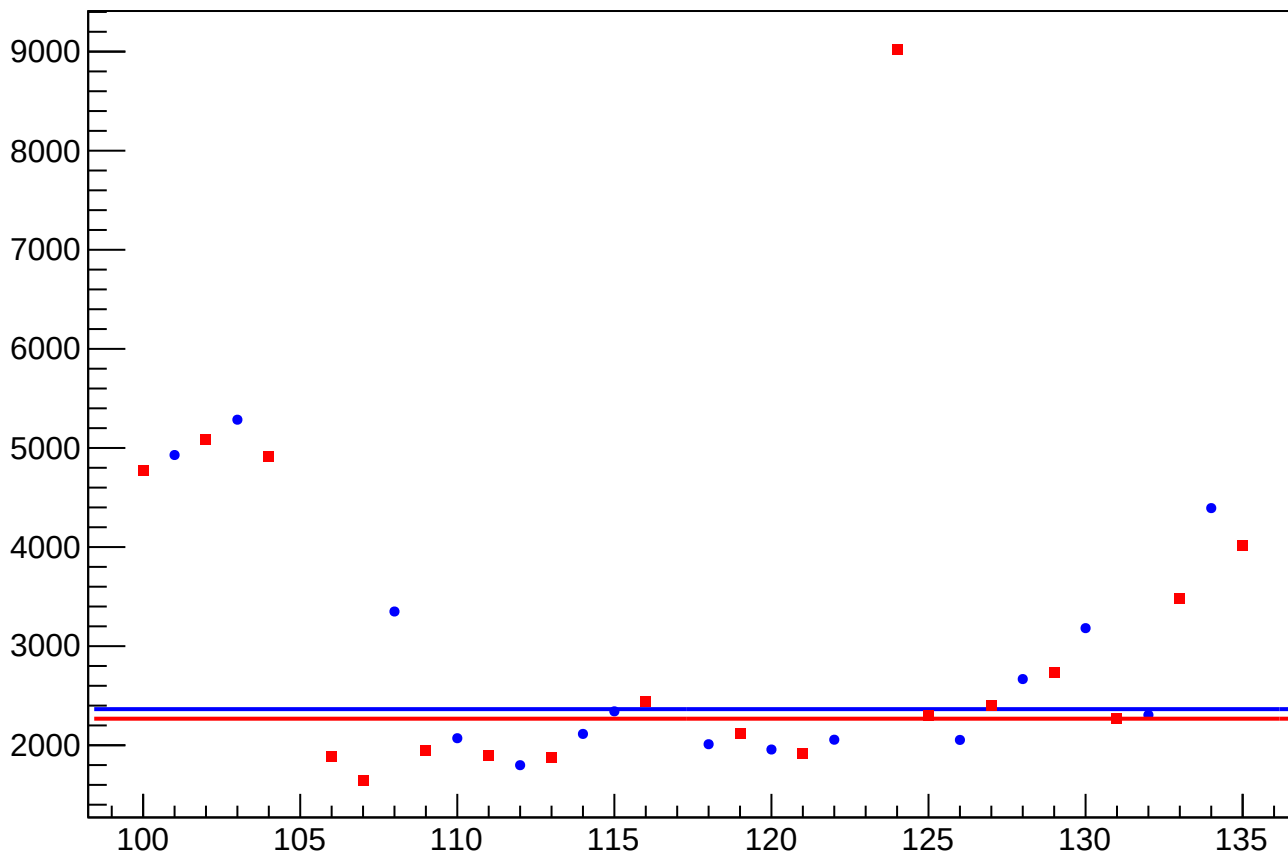
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 275.354 ± 661.617 χ^2/NDF : 29.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_correction_rms vs Slug



Right In: 2364.484+/-0.701 χ^2/NDF : 1246732.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

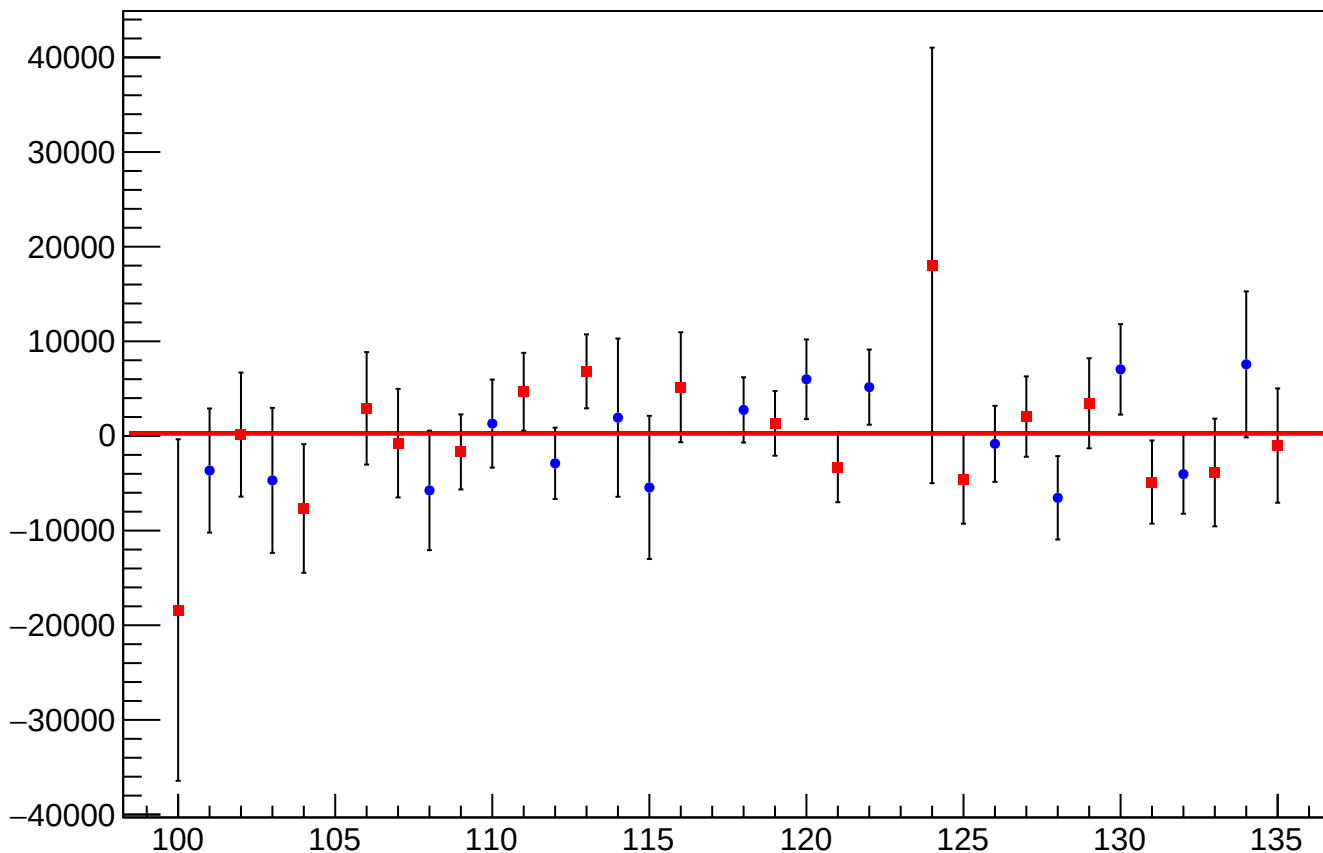
Right Out: 2267.965+/-0.628 χ^2/NDF : 1474521.8/17

All: 2310.953+/-0.468 χ^2/NDF : 2731768.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_mean vs Slug



Right In: 298.864 $\pm$ 1241.074 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 239.683 $\pm$ 1162.430 χ^2 /NDF: 12.8/17

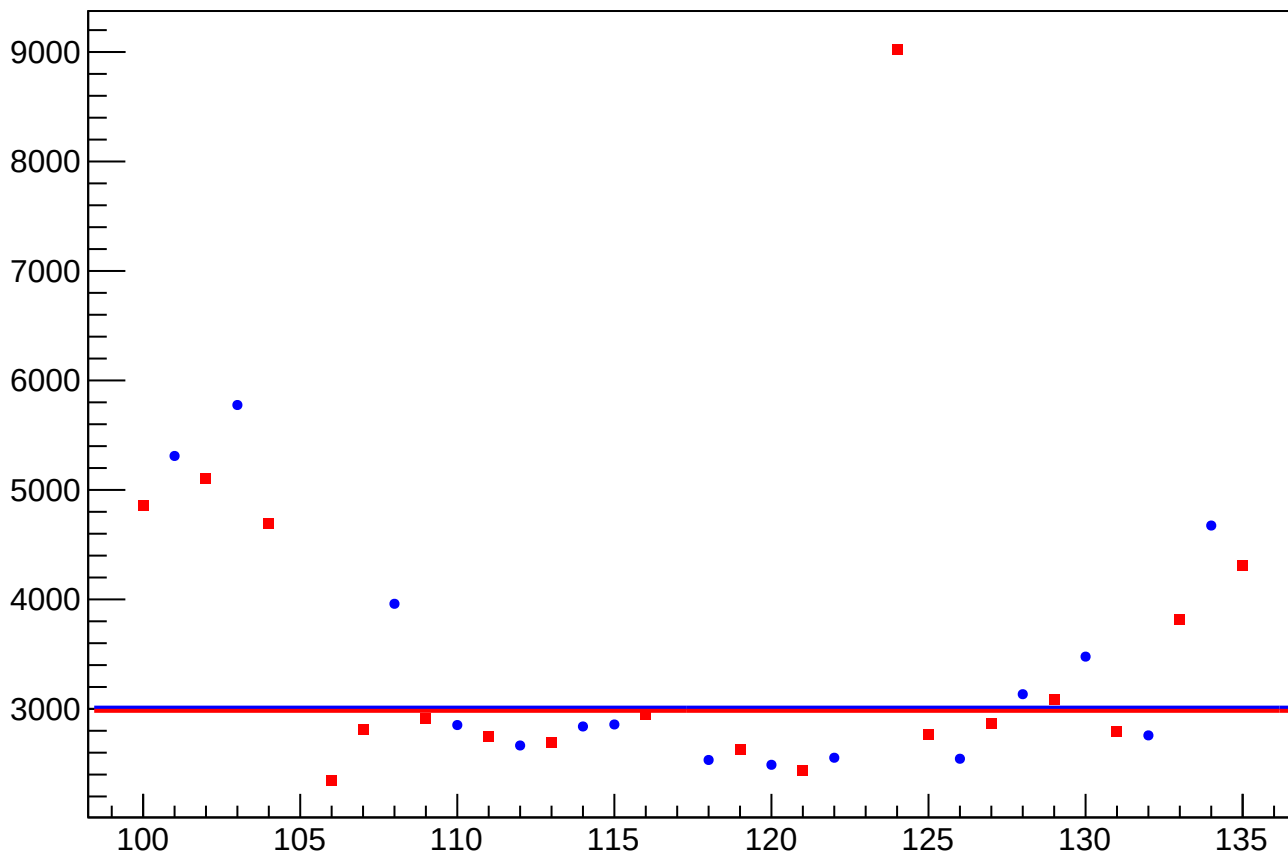
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 267.339 $\pm$ 848.403 χ^2 /NDF: 26.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_rms vs Slug



Right In: 3011.410+/-0.878 χ^2/NDF : 816036.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2982.318+/-0.811 χ^2/NDF : 770934.6/17

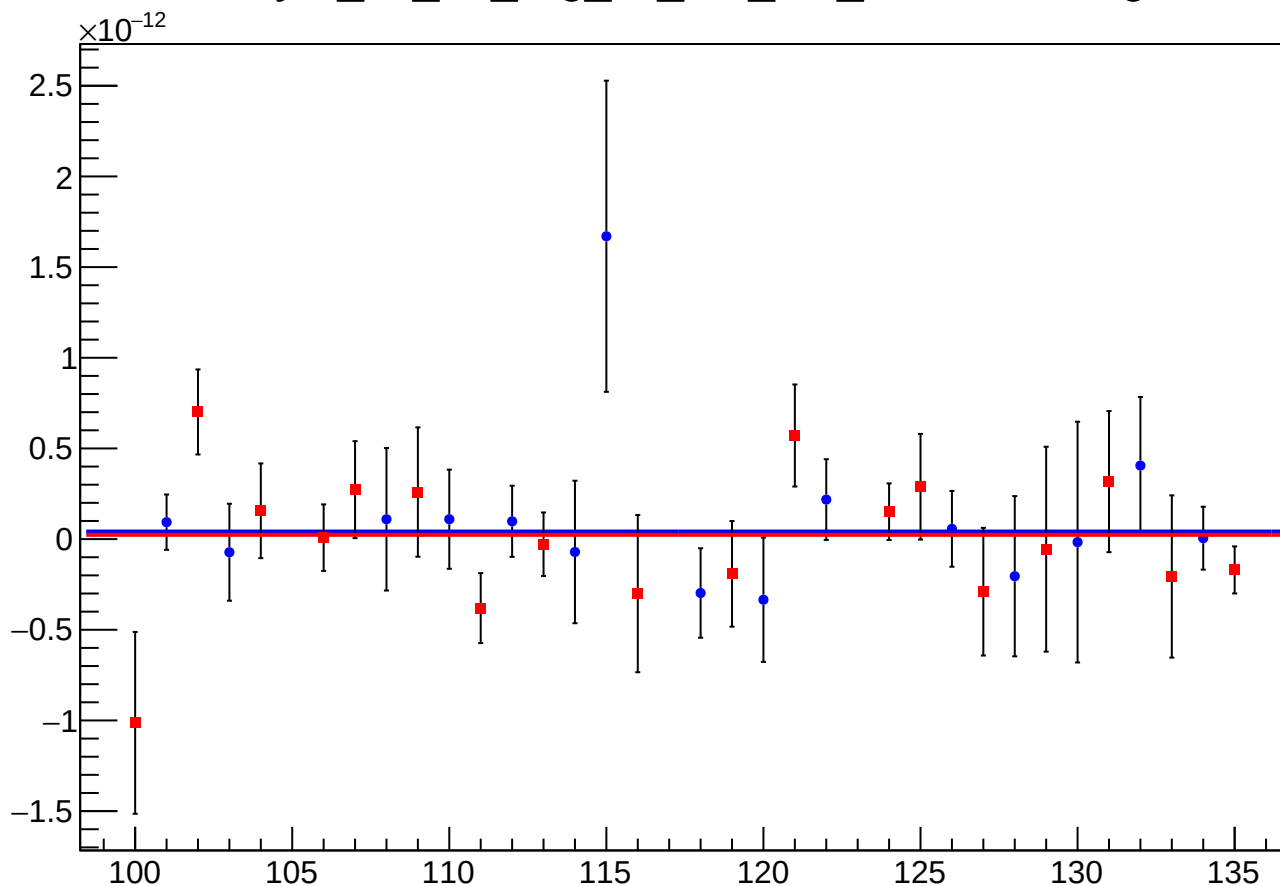
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2995.714+/-0.595 χ^2/NDF : 1587564.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.2/14

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

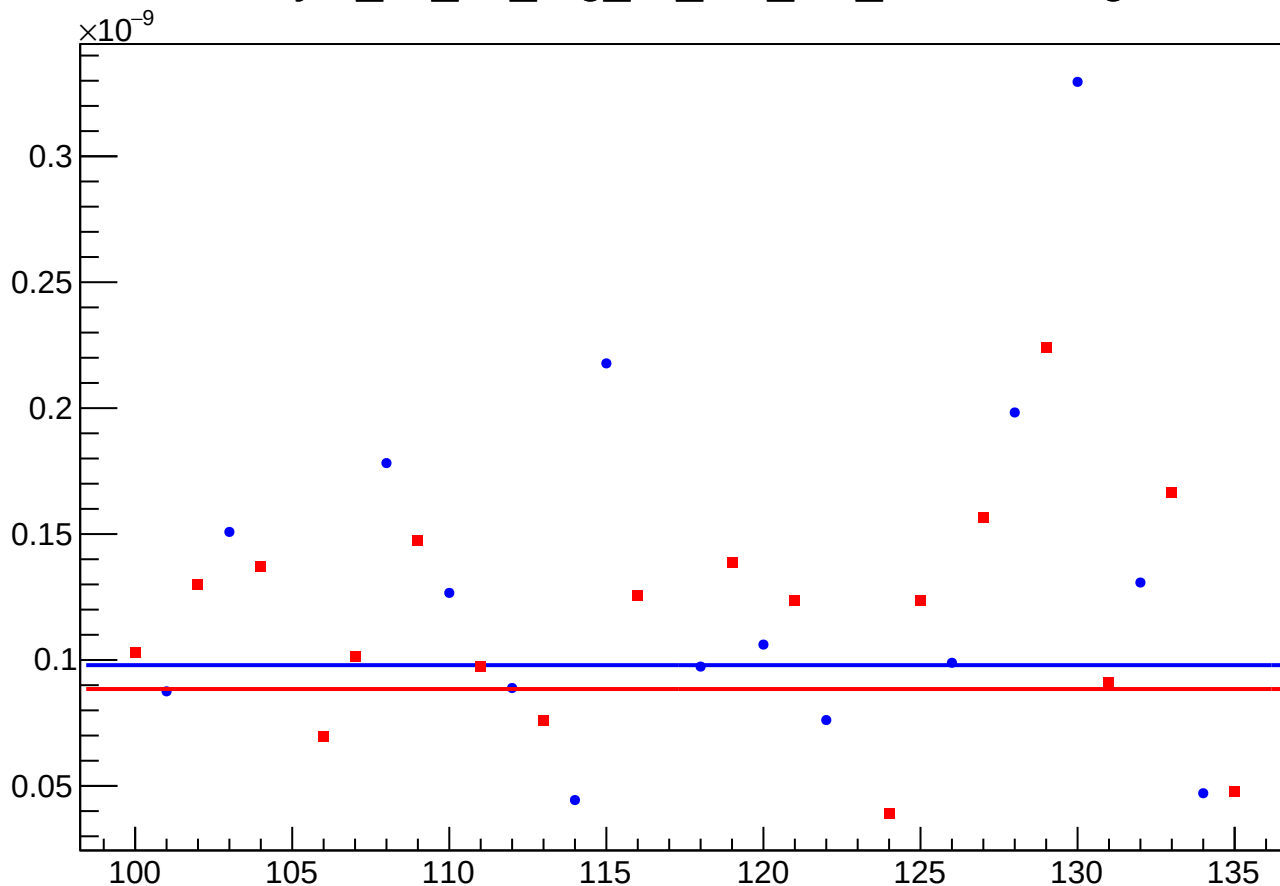
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 827185.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1013583.1/17

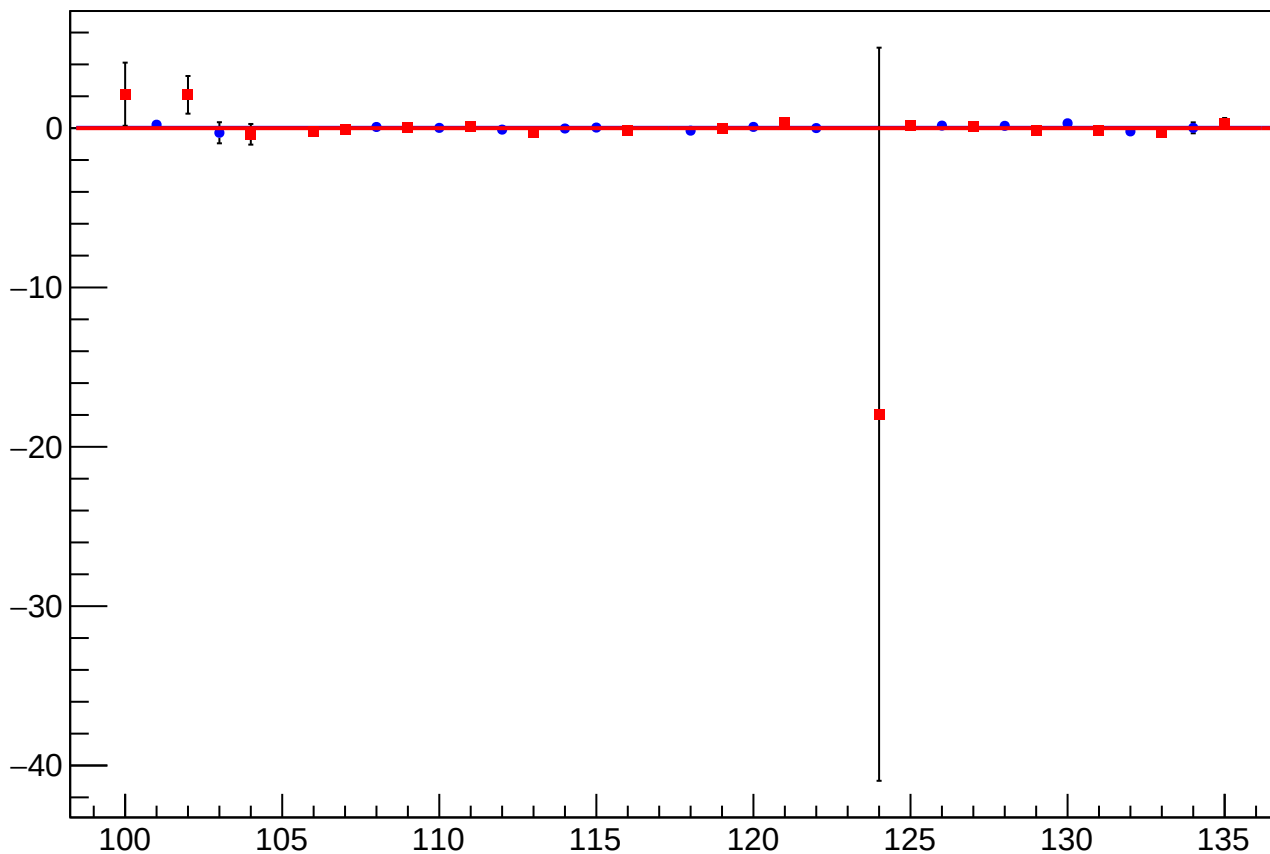
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1864325.7/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.046 χ^2 /NDF: 8.0/14

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

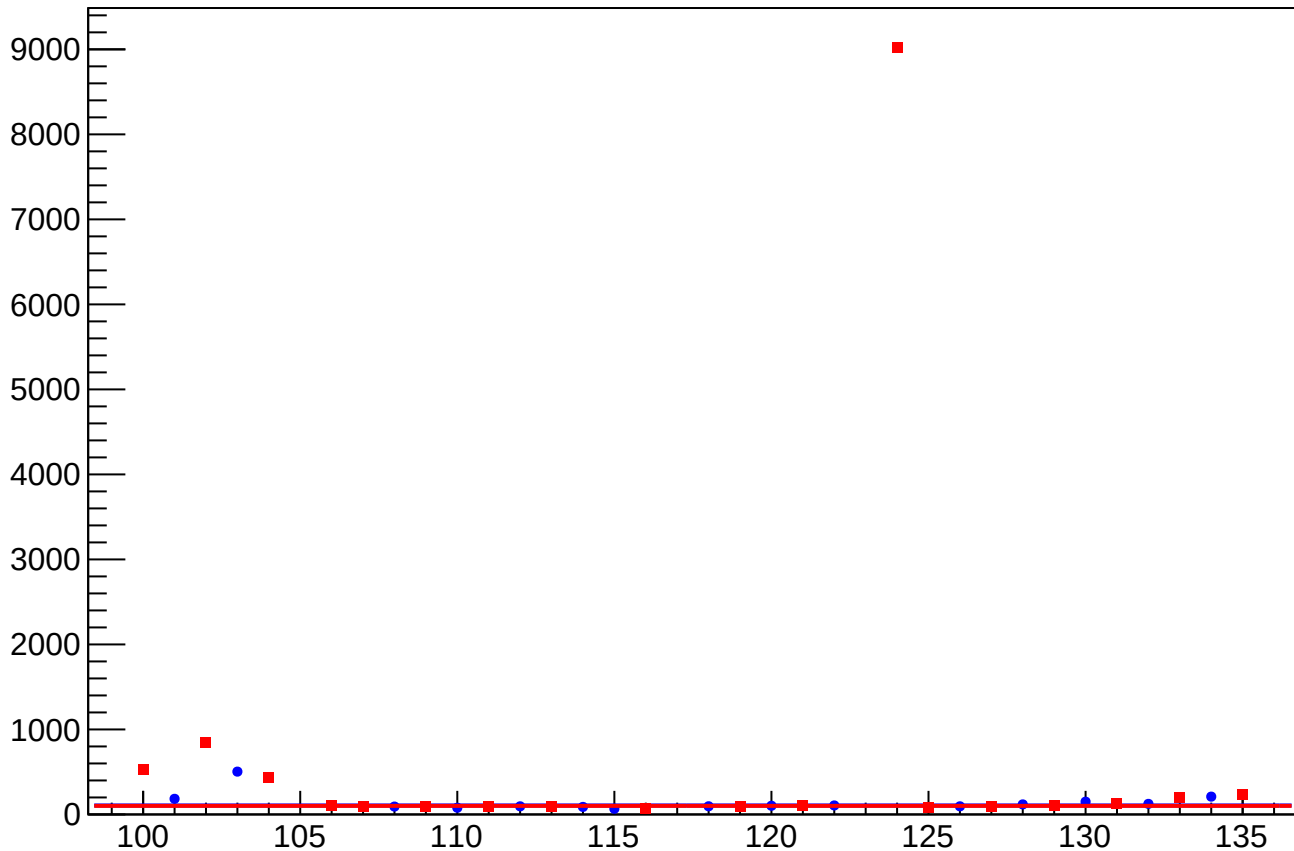
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.032 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_cor_diff_rms vs Slug



Right In: 105.785 $\pm$ 0.033 χ^2 /NDF: 1464170.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.017 $\pm$ 0.031 χ^2 /NDF: 2426767.8/17

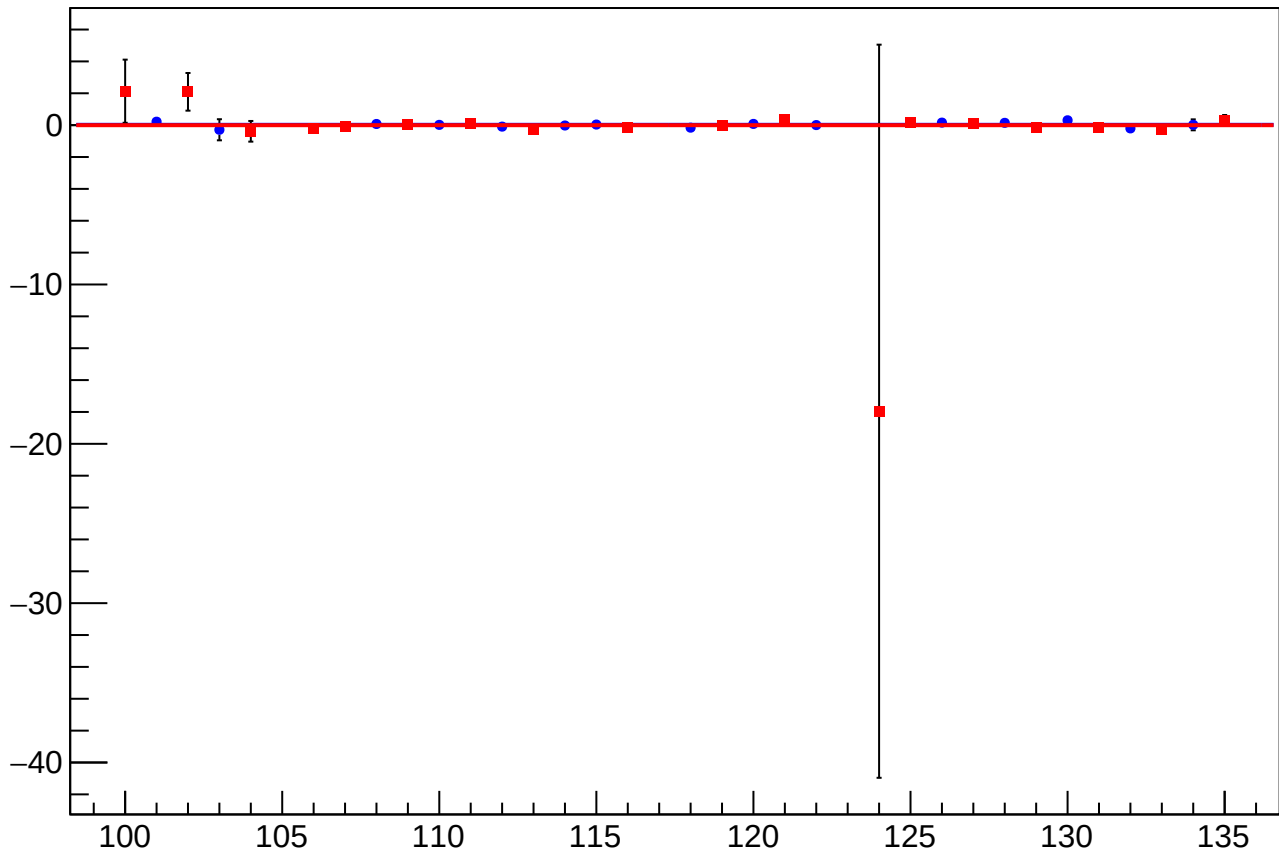
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.260 $\pm$ 0.022 χ^2 /NDF: 3902252.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.046 χ^2 /NDF: 8.0/14

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

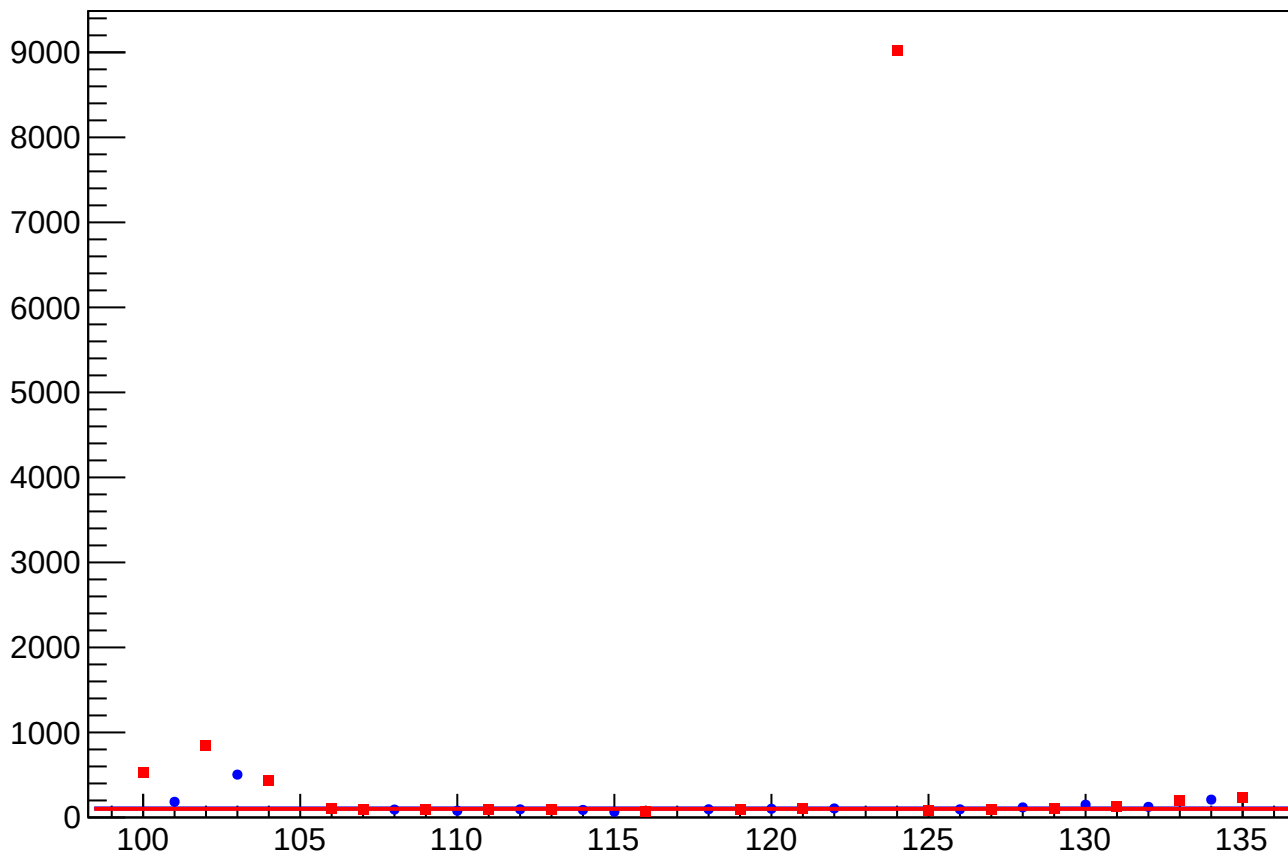
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.032 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 105.785+/-0.033 χ^2/NDF : 1464170.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.017+/-0.031 χ^2/NDF : 2426767.8/17

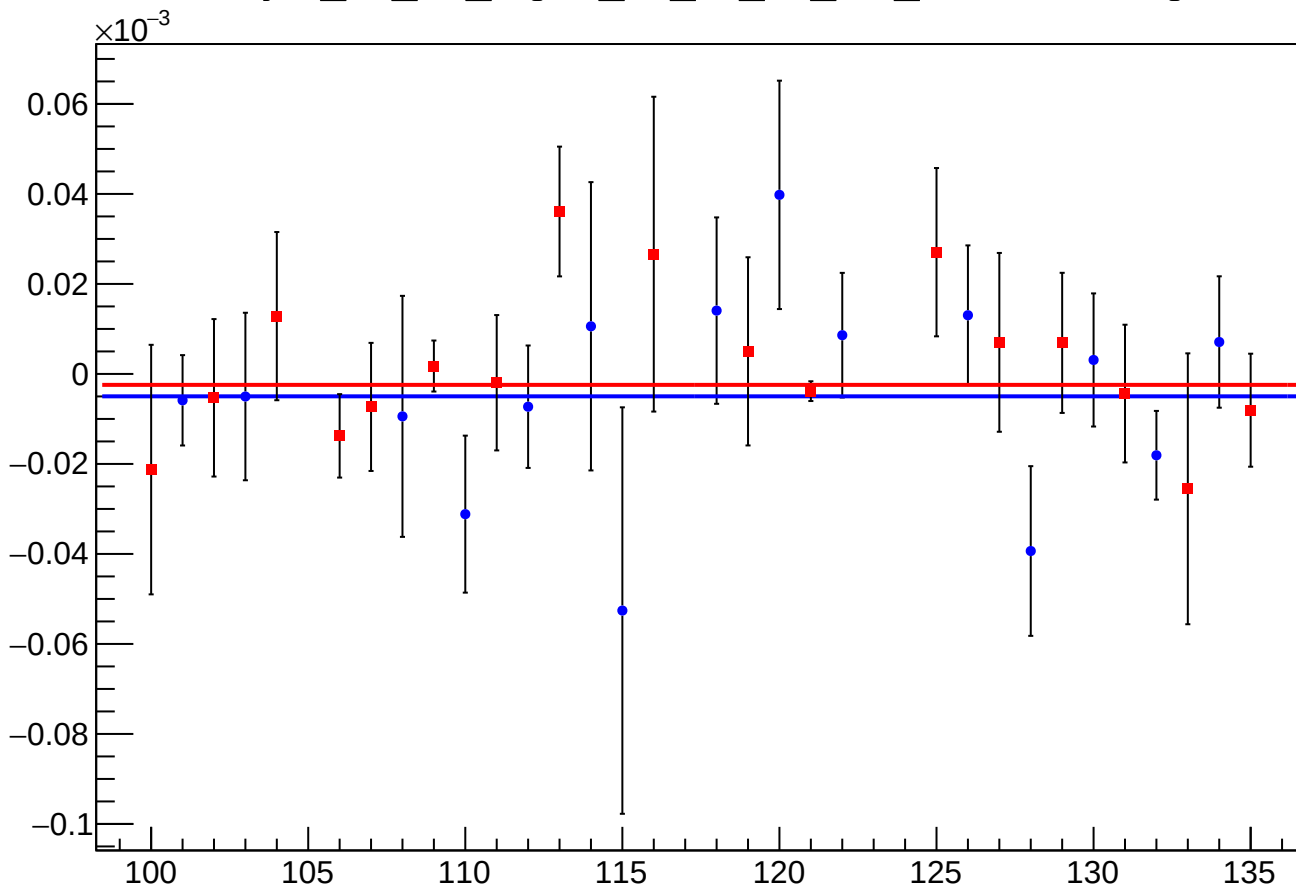
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.260+/-0.022 χ^2/NDF : 3902252.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 +/- 0.000 χ^2/NDF : 16.0/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 +/- 0.000 χ^2/NDF : 15.6/16

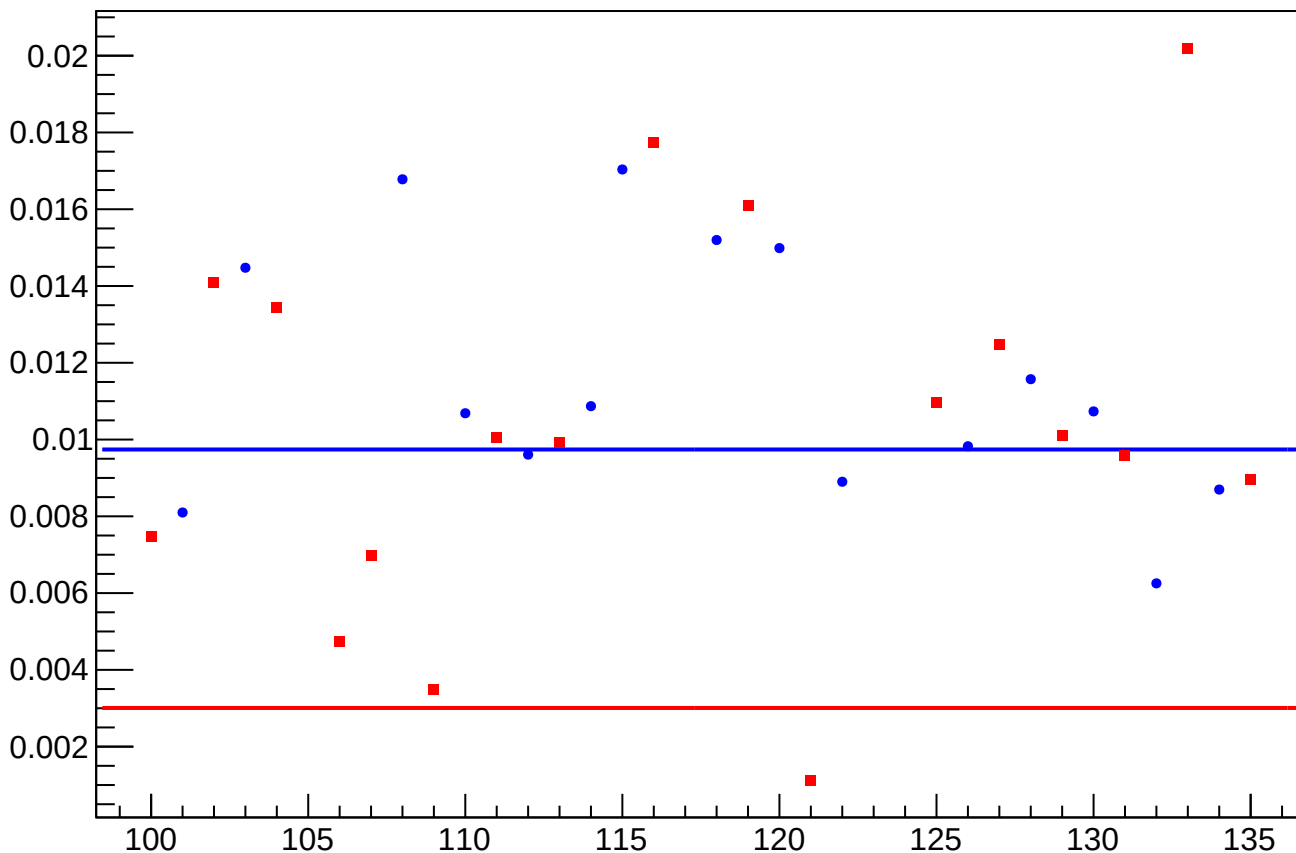
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -0.000 +/- 0.000 χ^2/NDF : 31.9/31

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 901899.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 7950168.2/16

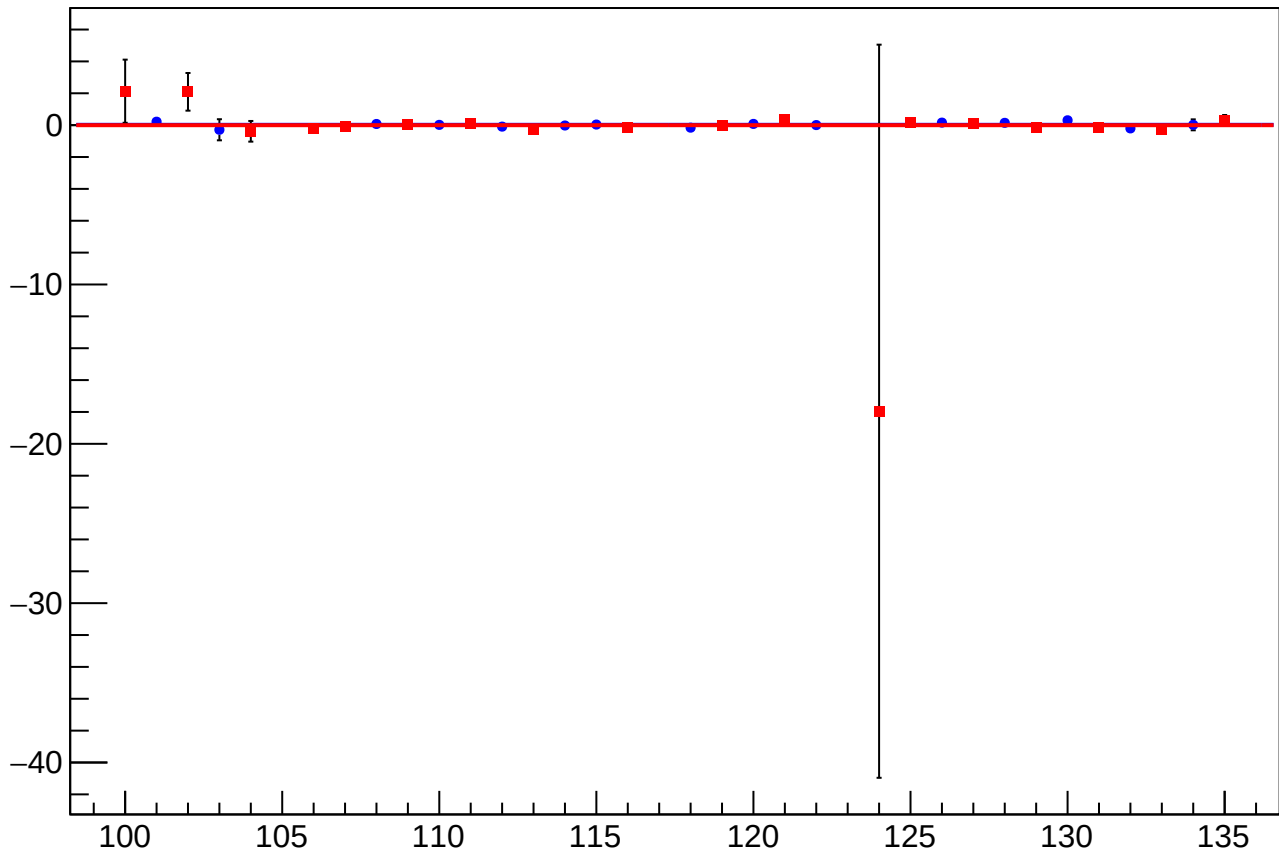
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 13375147.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.046 χ^2 /NDF: 8.0/14

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

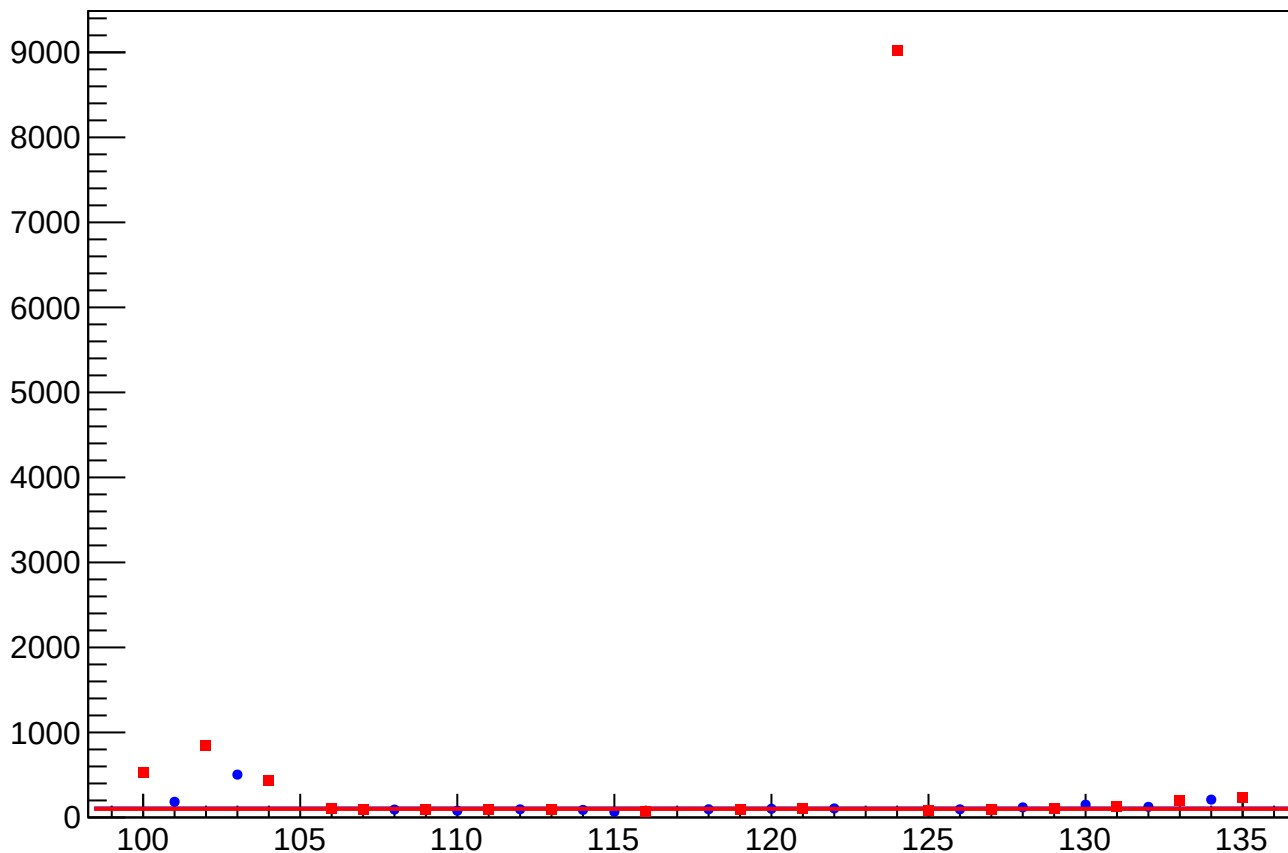
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.032 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 105.785+/-0.033 χ^2/NDF : 1464098.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.019+/-0.031 χ^2/NDF : 2426685.5/17

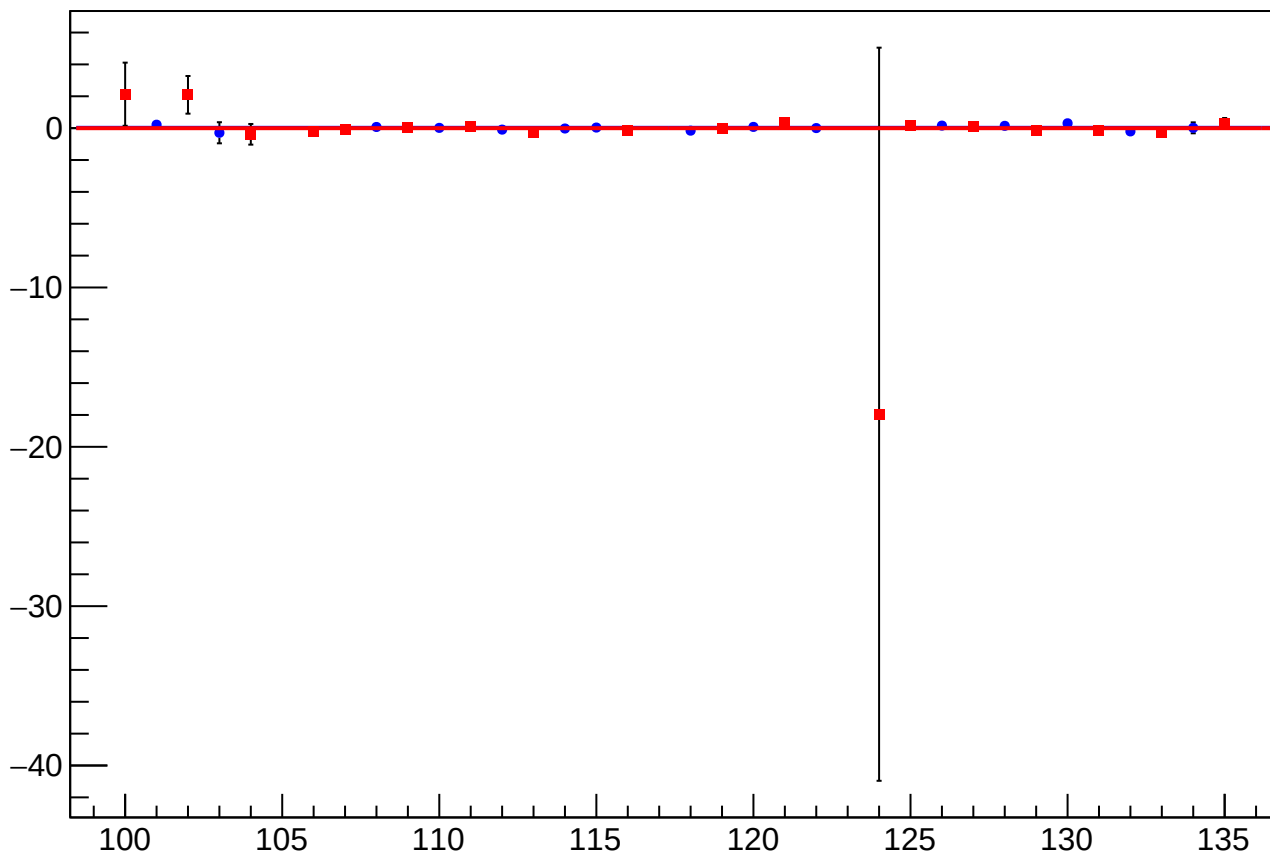
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 103.261+/-0.022 χ^2/NDF : 3902094.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.020 $\pm$ 0.046 χ^2 /NDF: 8.0/14

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

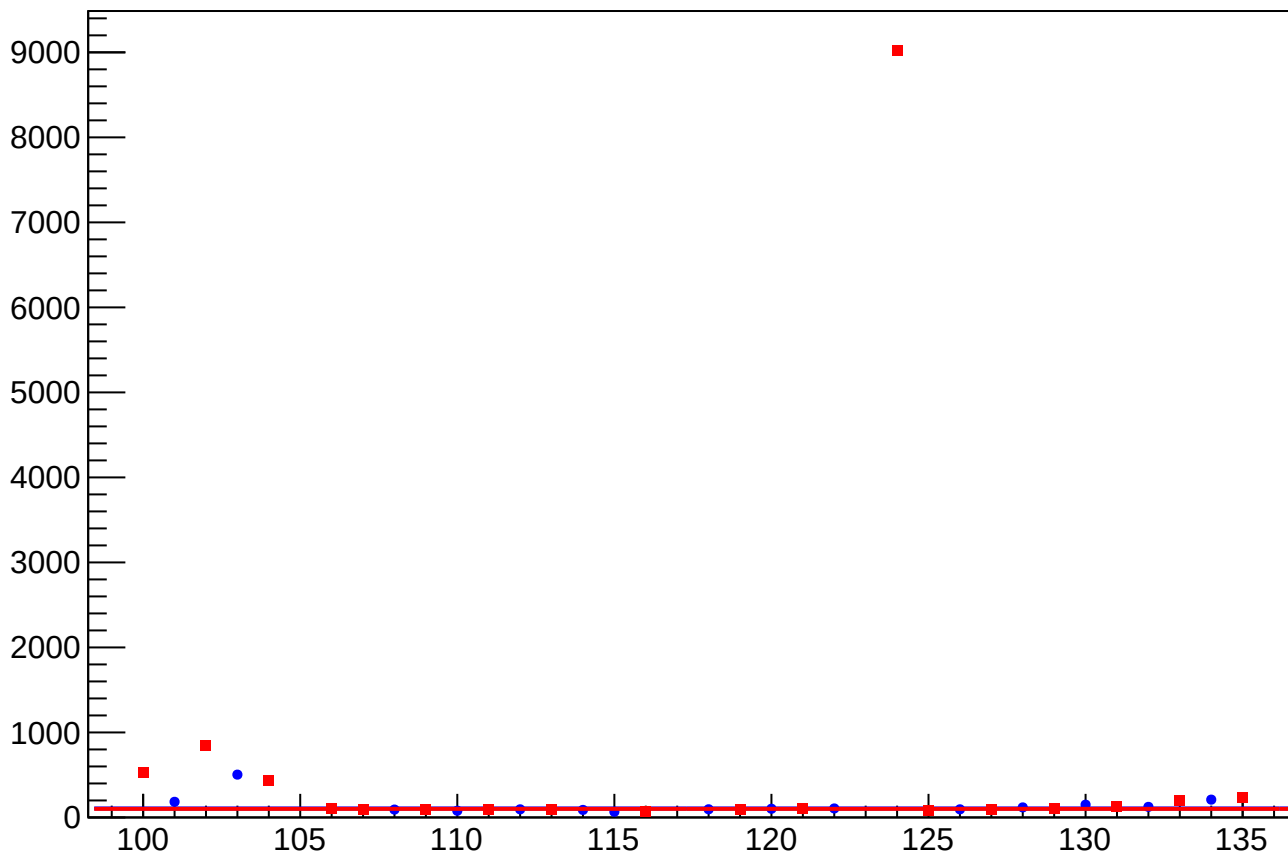
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.032 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 105.785 $\pm$ 0.033 χ^2 /NDF: 1464098.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.019 $\pm$ 0.031 χ^2 /NDF: 2426685.5/17

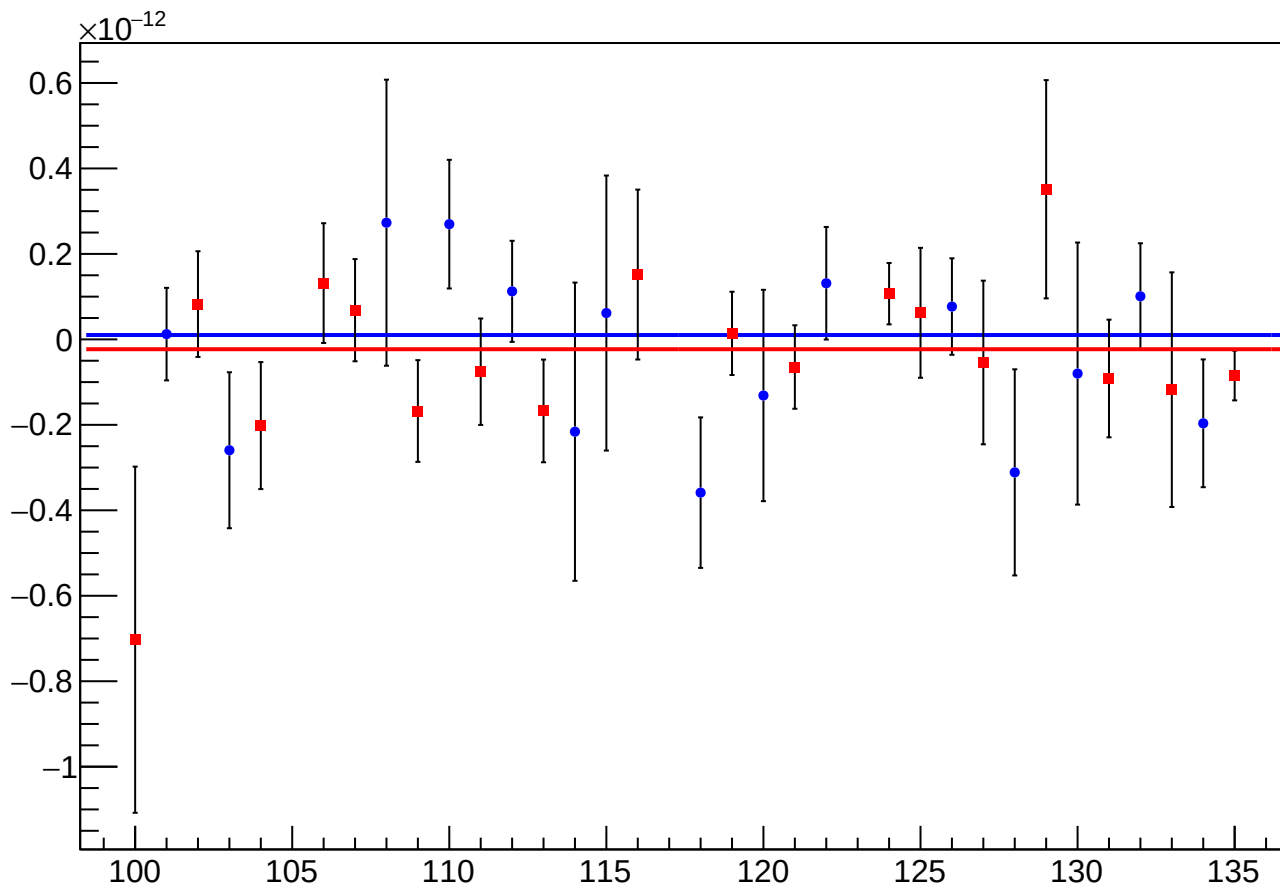
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 103.261 $\pm$ 0.022 χ^2 /NDF: 3902094.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 17.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 18.2/17

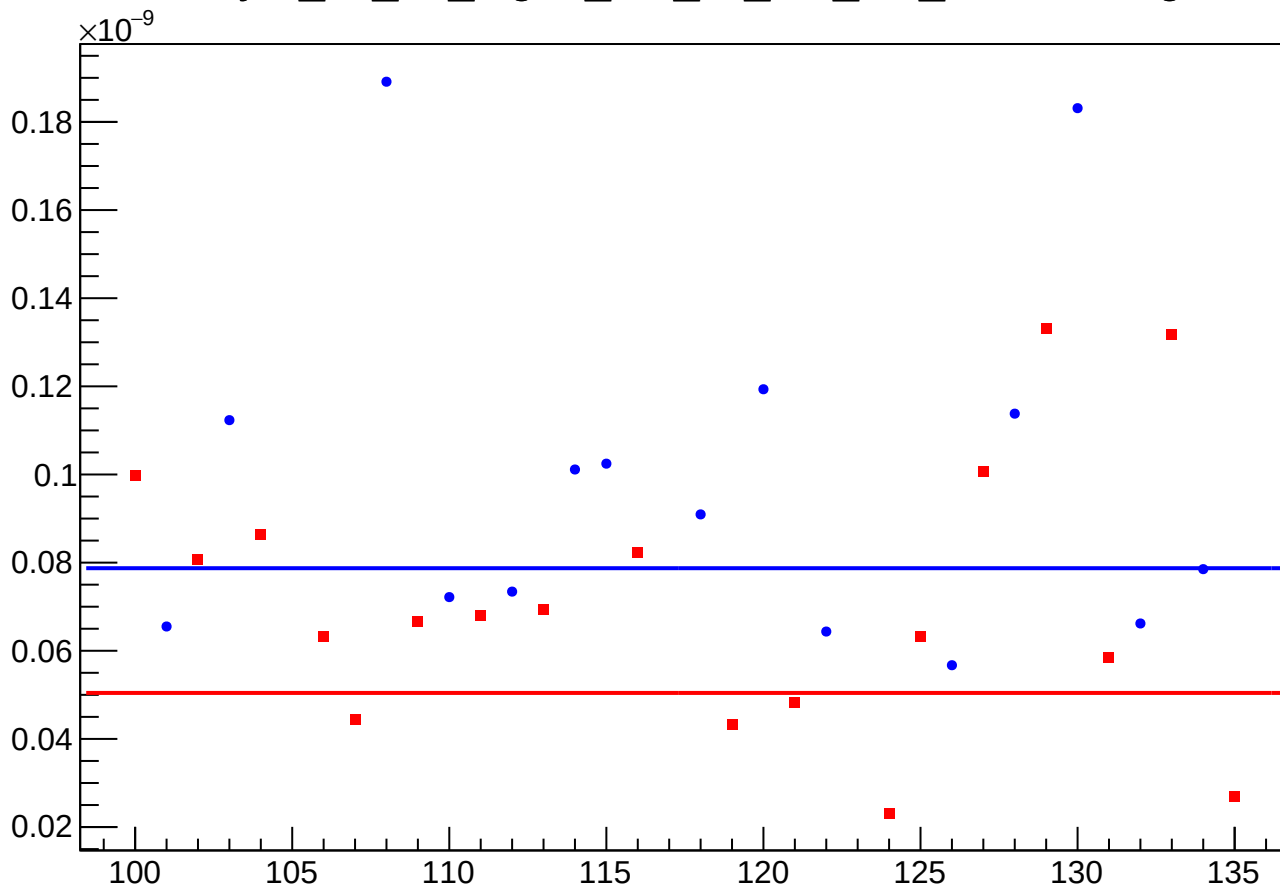
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 799939.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1640952.0/17

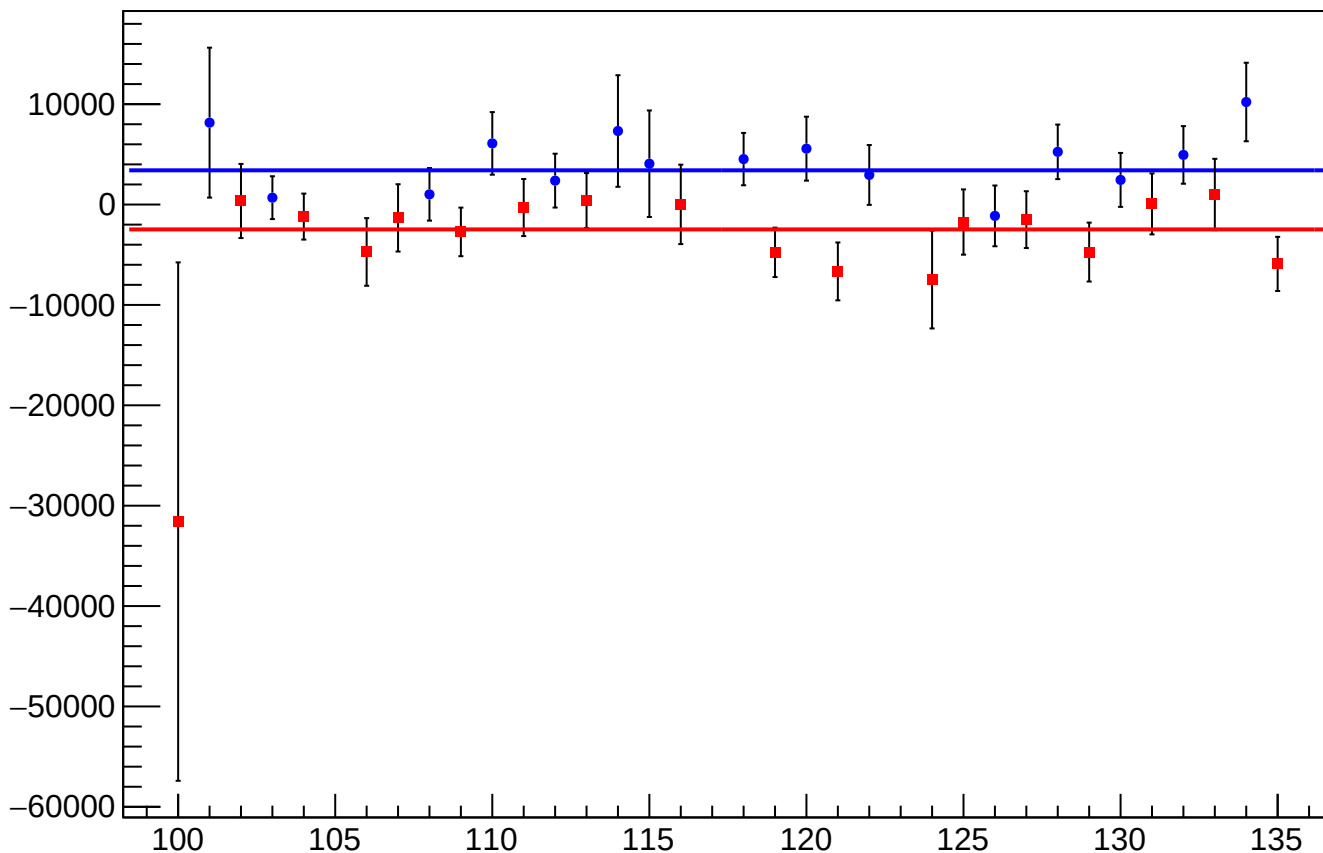
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3086127.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_mean vs Slug



Right In: 3409.080 $\pm$ 785.437 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2478.482 $\pm$ 721.330 χ^2 /NDF: 12.9/17

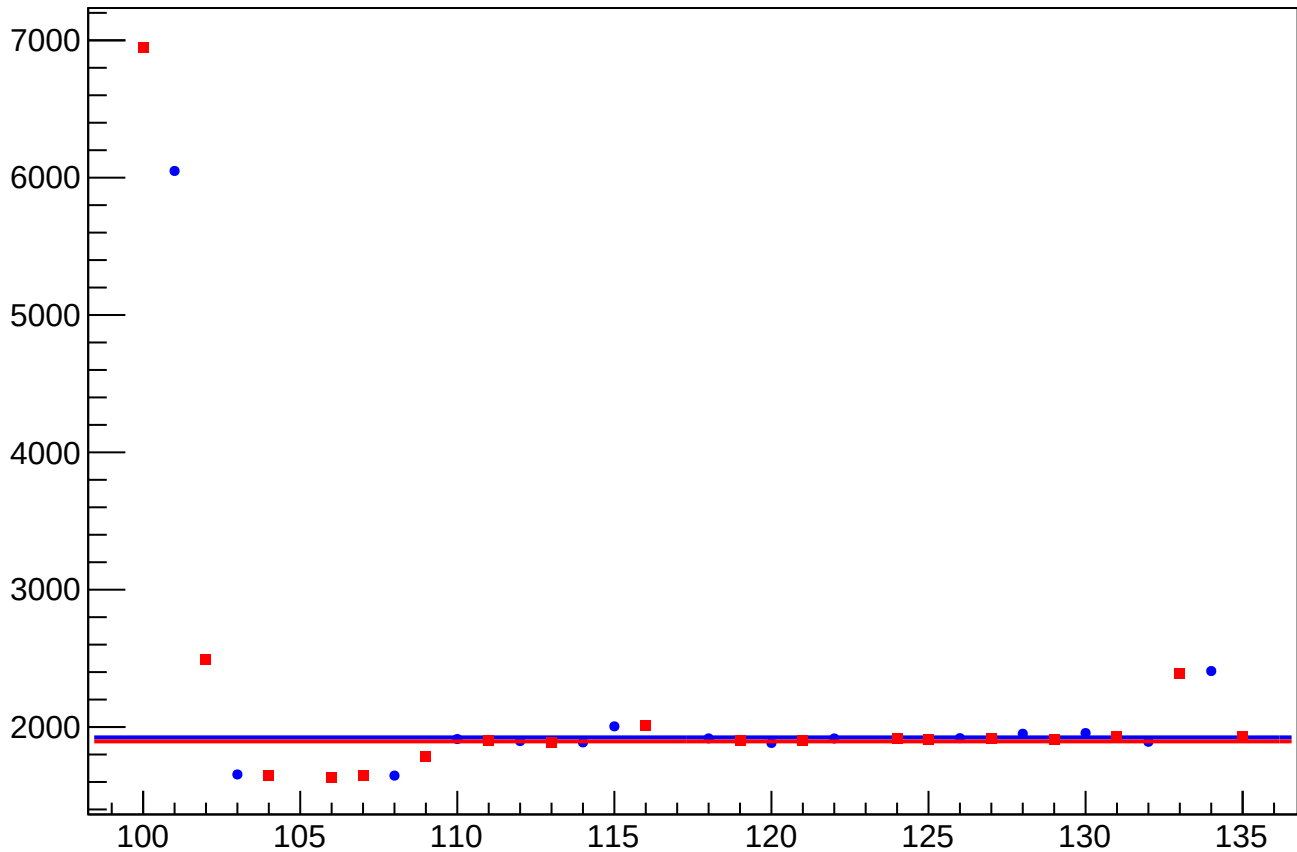
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 215.261 $\pm$ 531.278 χ^2 /NDF: 54.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_rms vs Slug



Right In: 1924.608 $\pm$ 0.555 χ^2 /NDF: 696776.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1895.533 $\pm$ 0.508 χ^2 /NDF: 222269.9/17

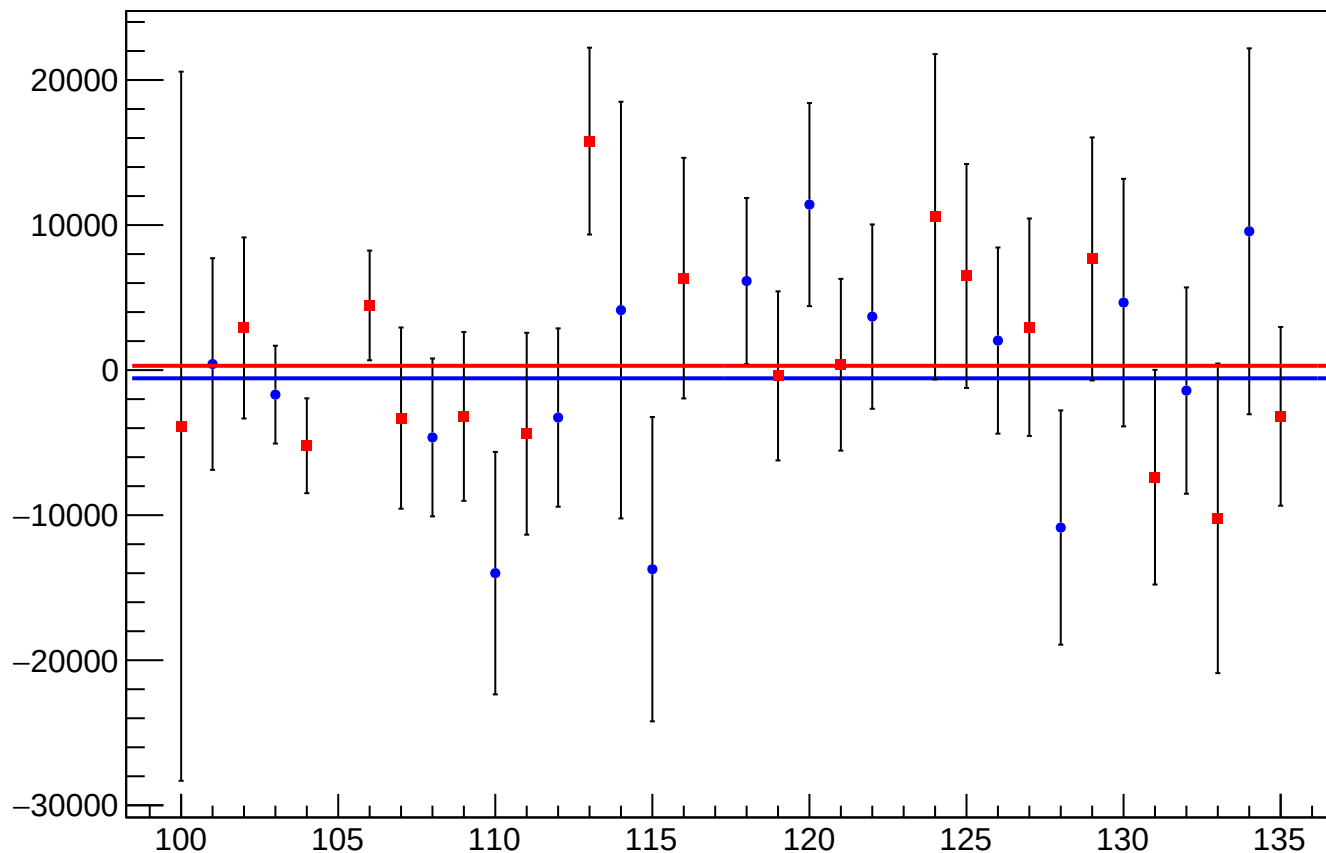
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1908.784 $\pm$ 0.375 χ^2 /NDF: 920538.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_correction_mean vs Slug



Right In: -564.816+/-1689.743 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 297.196+/-1453.426 χ^2/NDF : 16.5/17

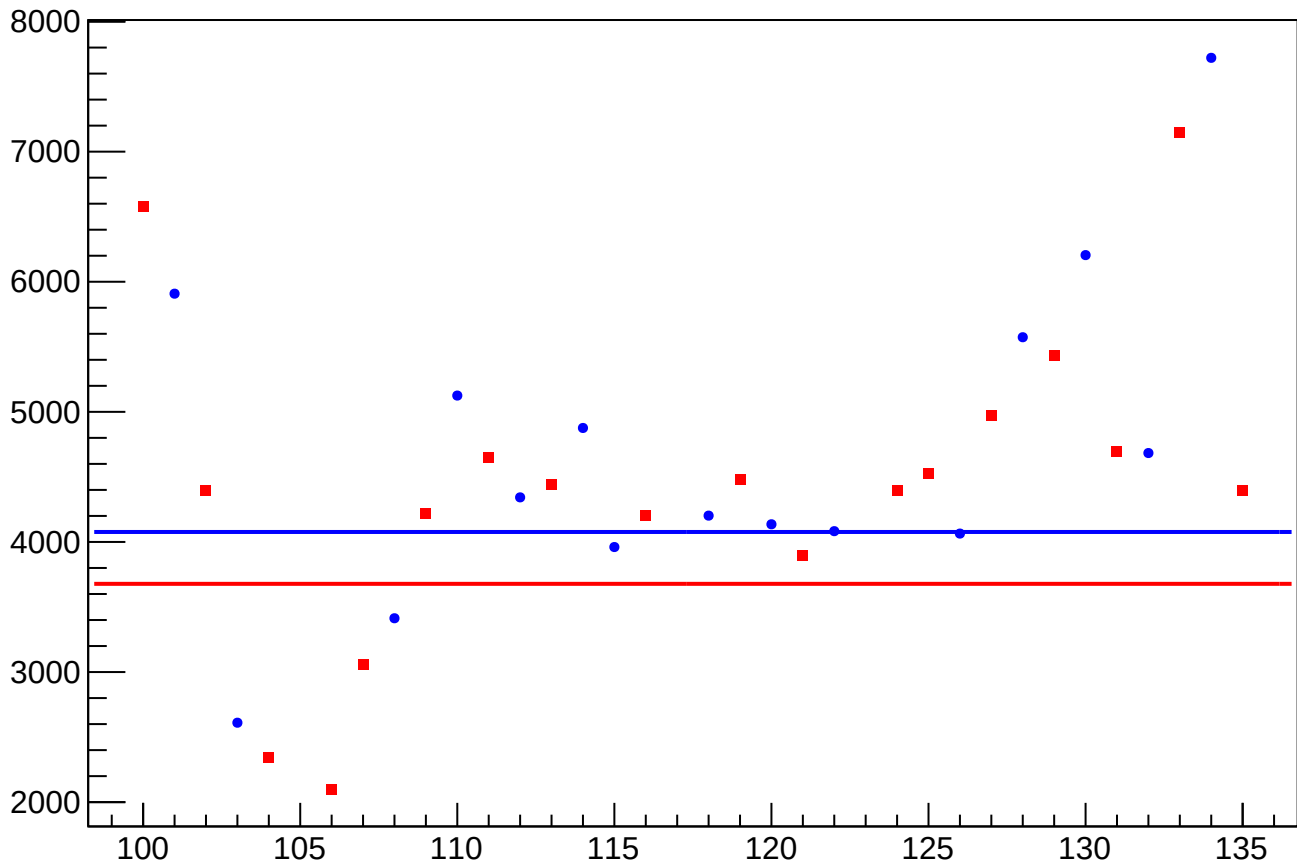
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -69.365+/-1101.887 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_correction_rms vs Slug



Right In: 4076.704 $\pm$ 1.195 χ^2 /NDF: 951057.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

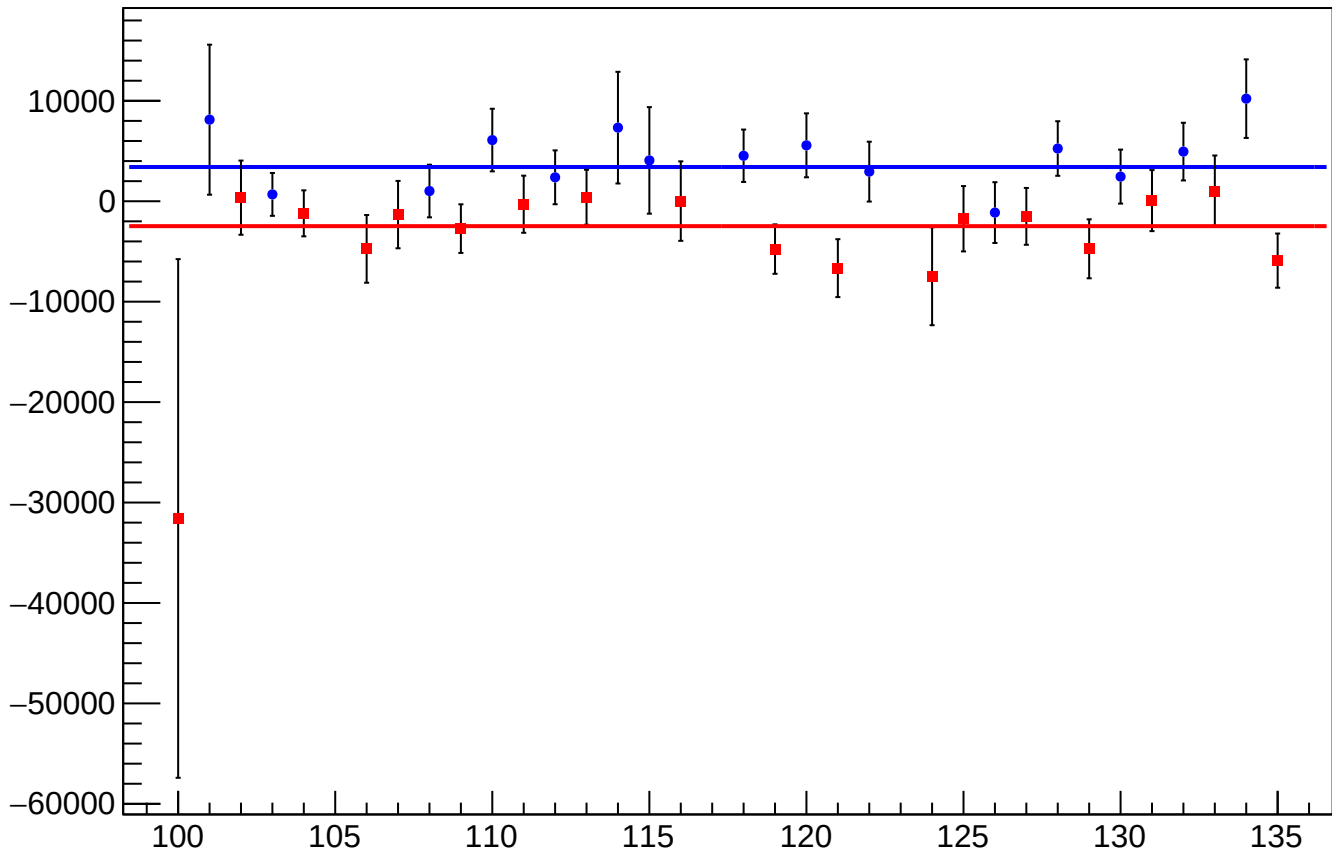
Right Out: 3678.025 $\pm$ 1.028 χ^2 /NDF: 1346573.9/17

All: 3847.559 $\pm$ 0.779 χ^2 /NDF: 2361623.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_avg_mean vs Slug



Right In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2479.663+/-721.335 χ^2/NDF : 12.9/17

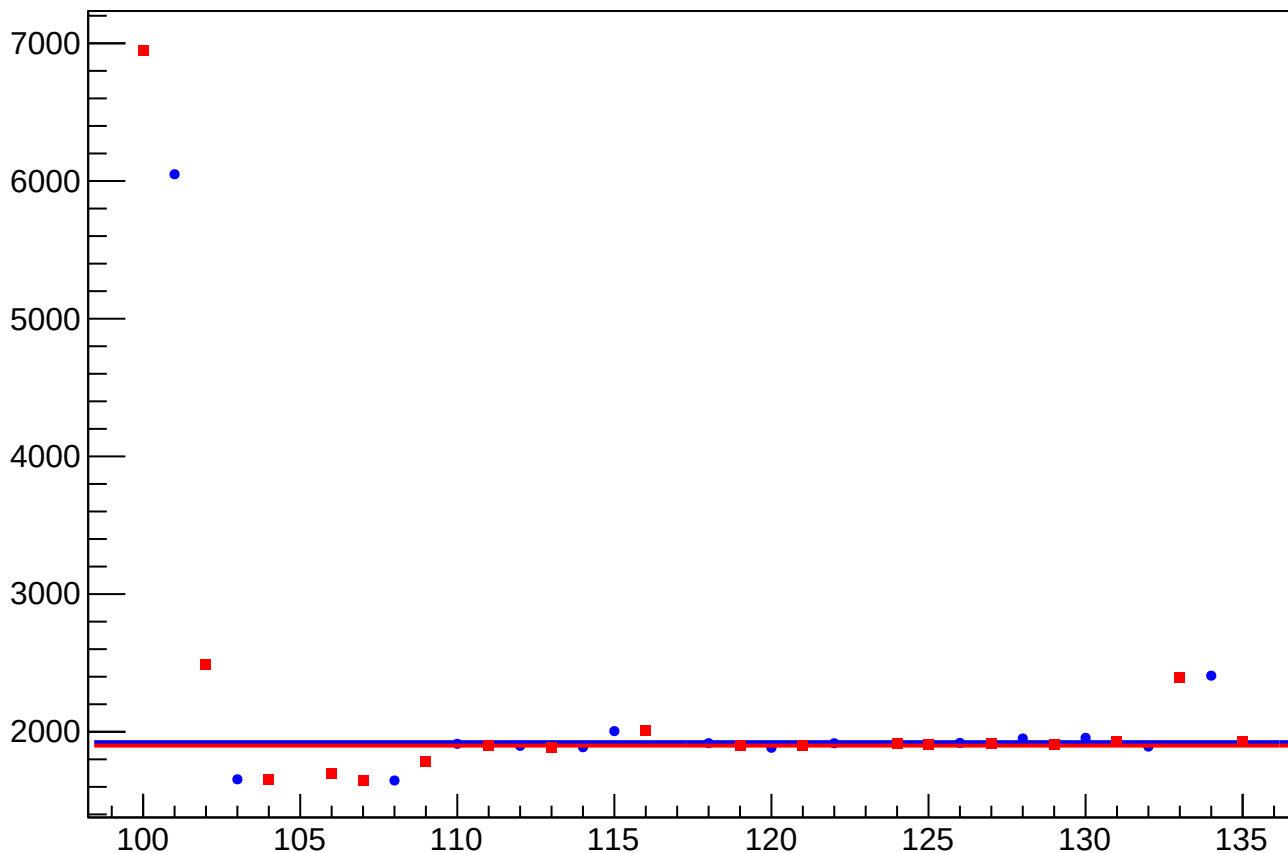
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.243+/-531.280 χ^2/NDF : 54.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_avg_rms vs Slug



Right In: 1924.608 $\pm$ 0.555 χ^2 /NDF: 696775.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

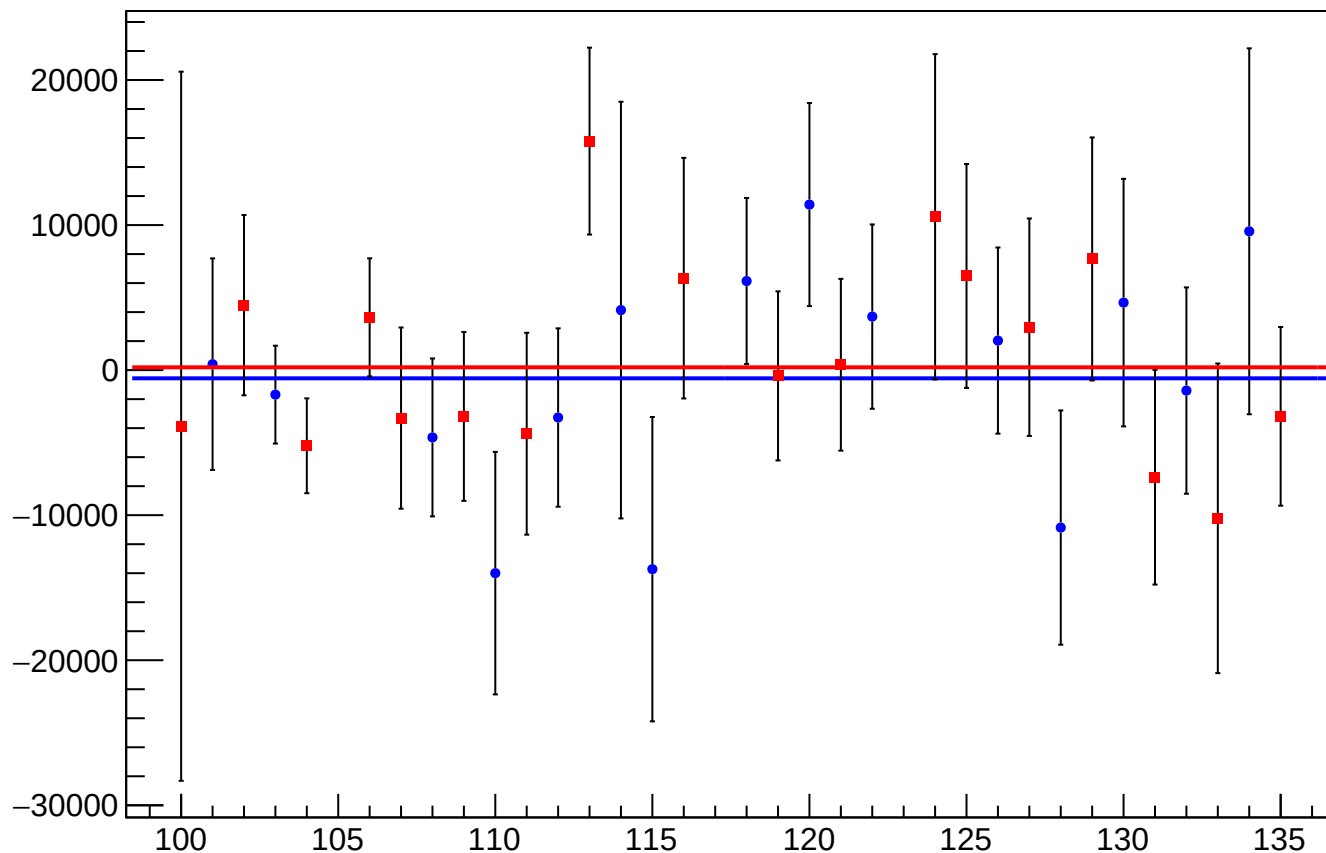
Right Out: 1899.654 $\pm$ 0.509 χ^2 /NDF: 215642.8/17

All: 1911.051 $\pm$ 0.375 χ^2 /NDF: 913515.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_cor_correction_mean vs Slug



Right In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.608+/-1467.970 χ^2/NDF : 16.2/17

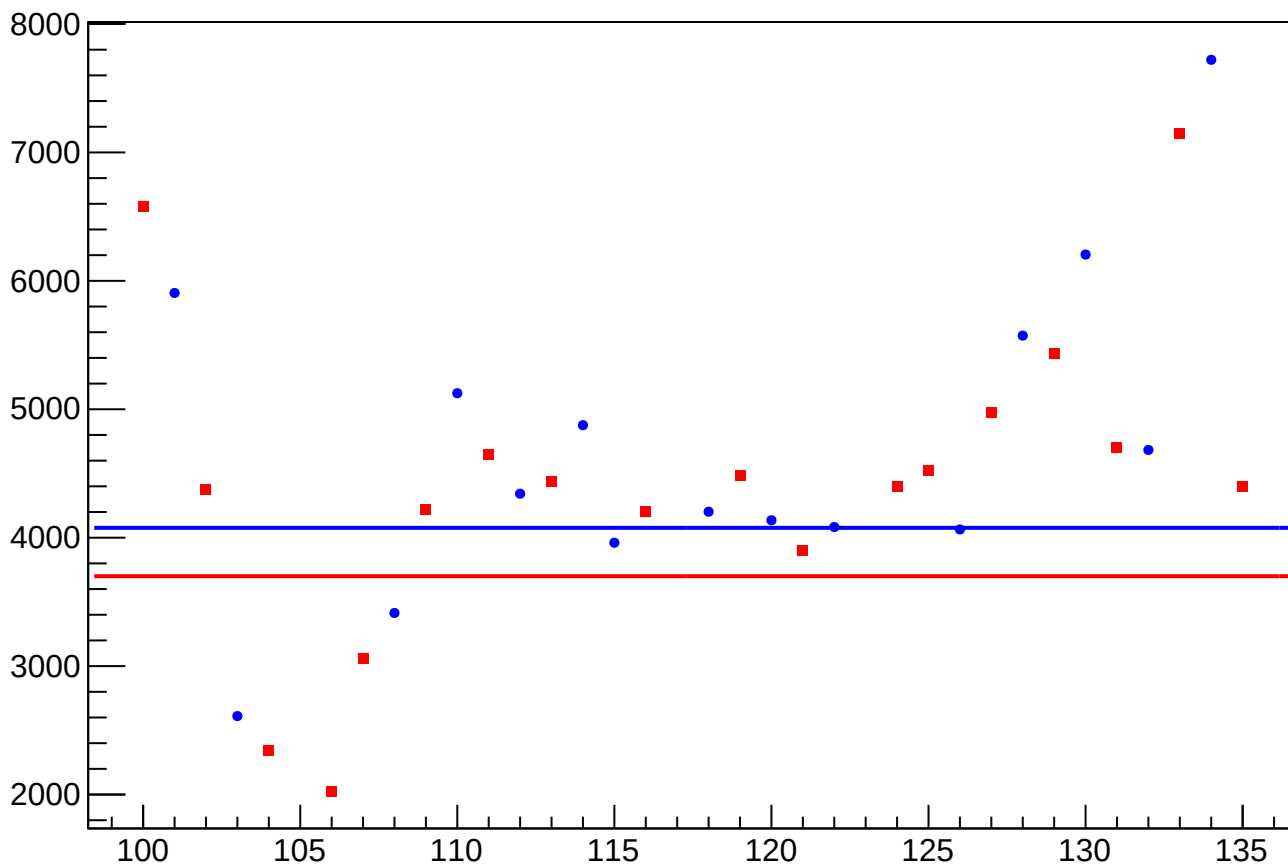
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.793+/-1108.185 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_cor_correction_rms vs Slug



Right In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

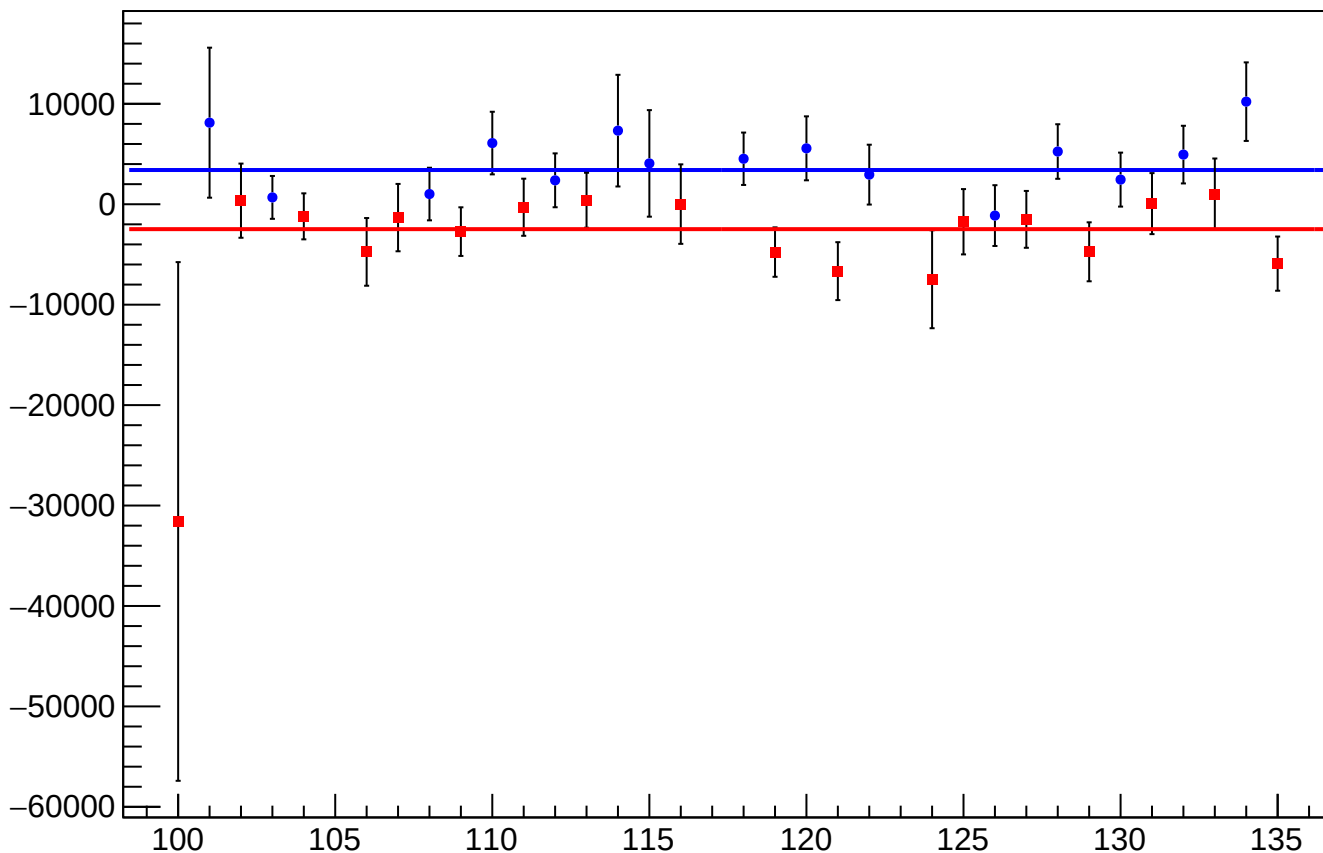
Right Out: 3700.154+/-1.038 χ^2/NDF : 1325664.2/17

All: 3862.159+/-0.784 χ^2/NDF : 2332861.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_mean vs Slug



Right In: 3408.220+/-785.437 χ^2/NDF : 11.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2479.663+/-721.335 χ^2/NDF : 12.9/17

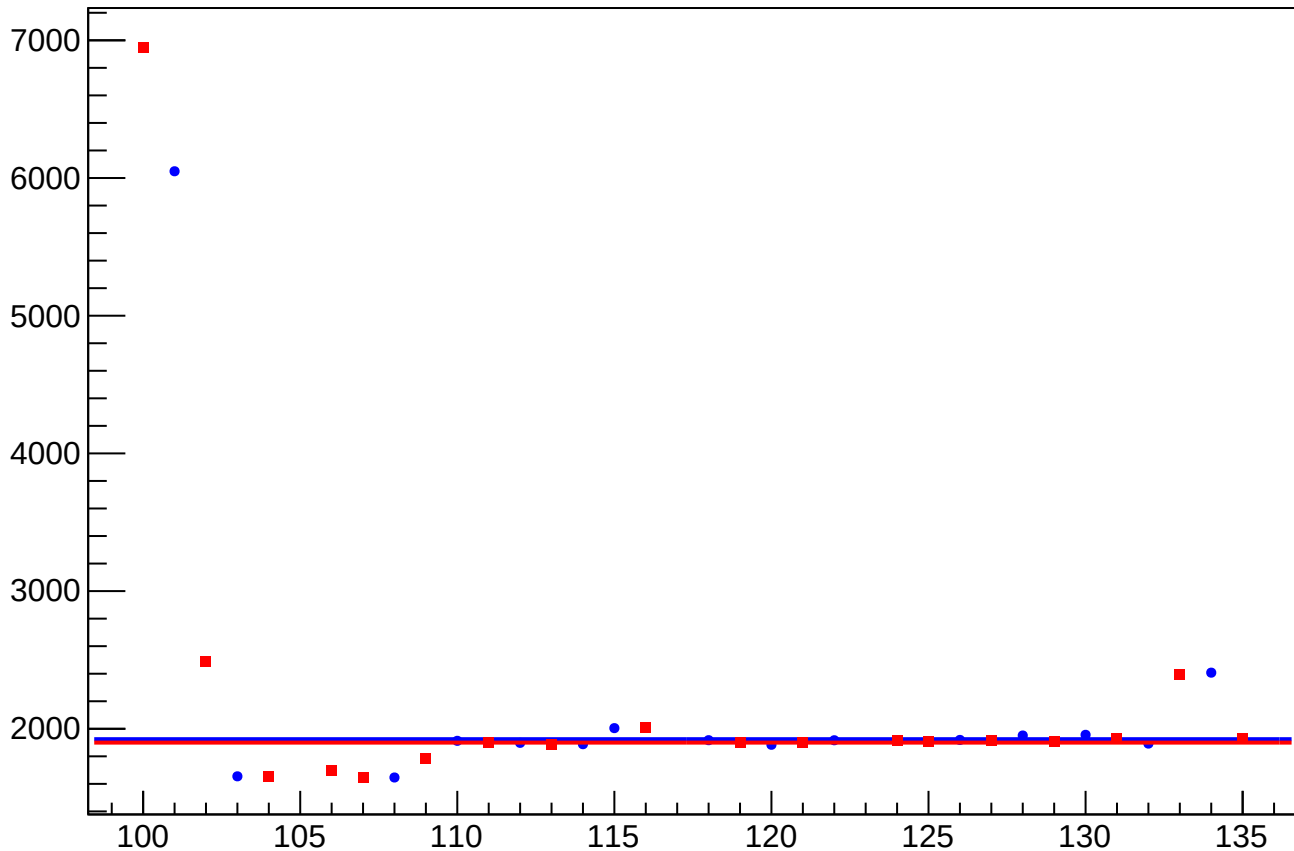
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 214.243+/-531.280 χ^2/NDF : 54.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_avg_rms vs Slug



Right In: 1924.608 $\pm$ 0.555 χ^2 /NDF: 696775.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

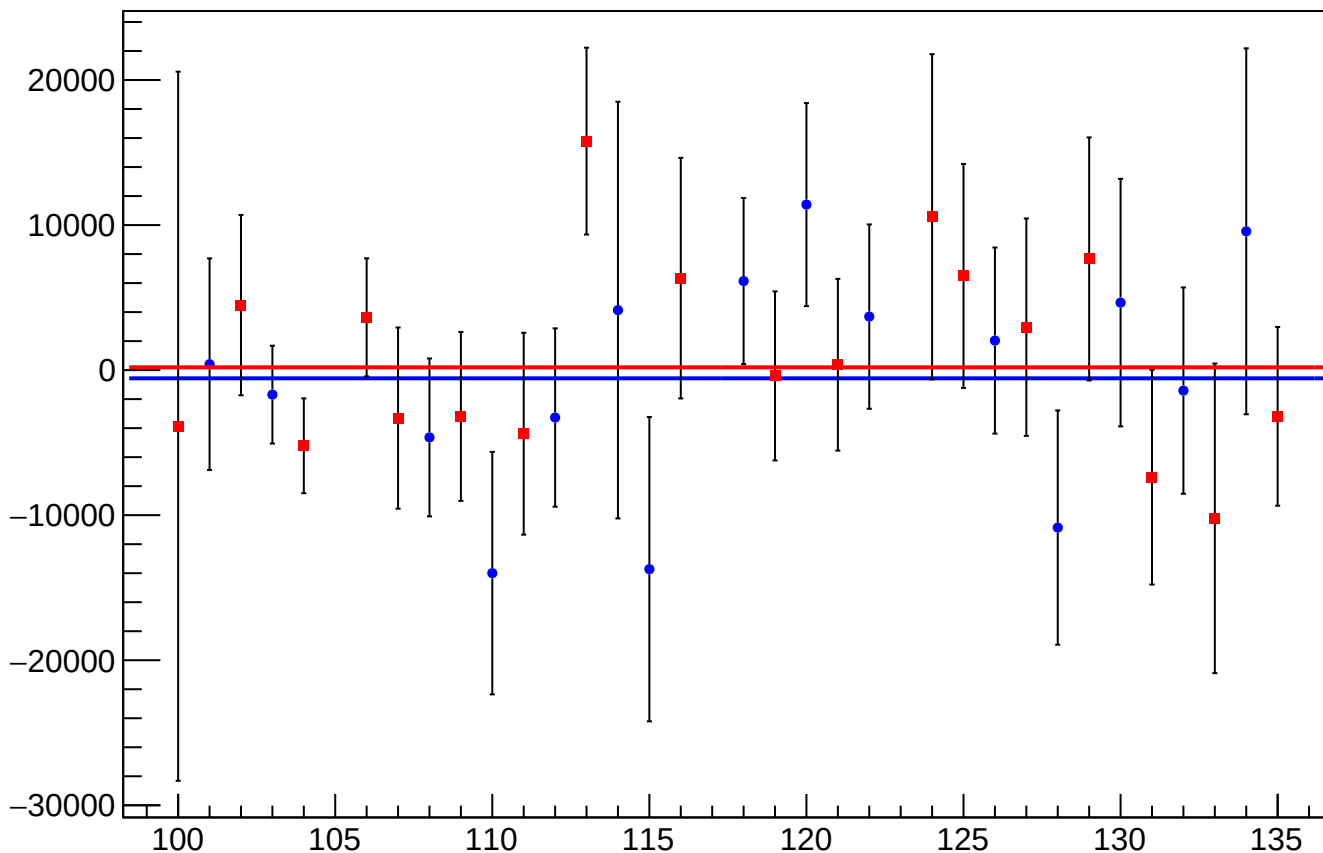
Right Out: 1899.654 $\pm$ 0.509 χ^2 /NDF: 215642.8/17

All: 1911.051 $\pm$ 0.375 χ^2 /NDF: 913515.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_cor_correction_mean vs Slug



Right In: -565.268+/-1689.748 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 193.608+/-1467.970 χ^2/NDF : 16.2/17

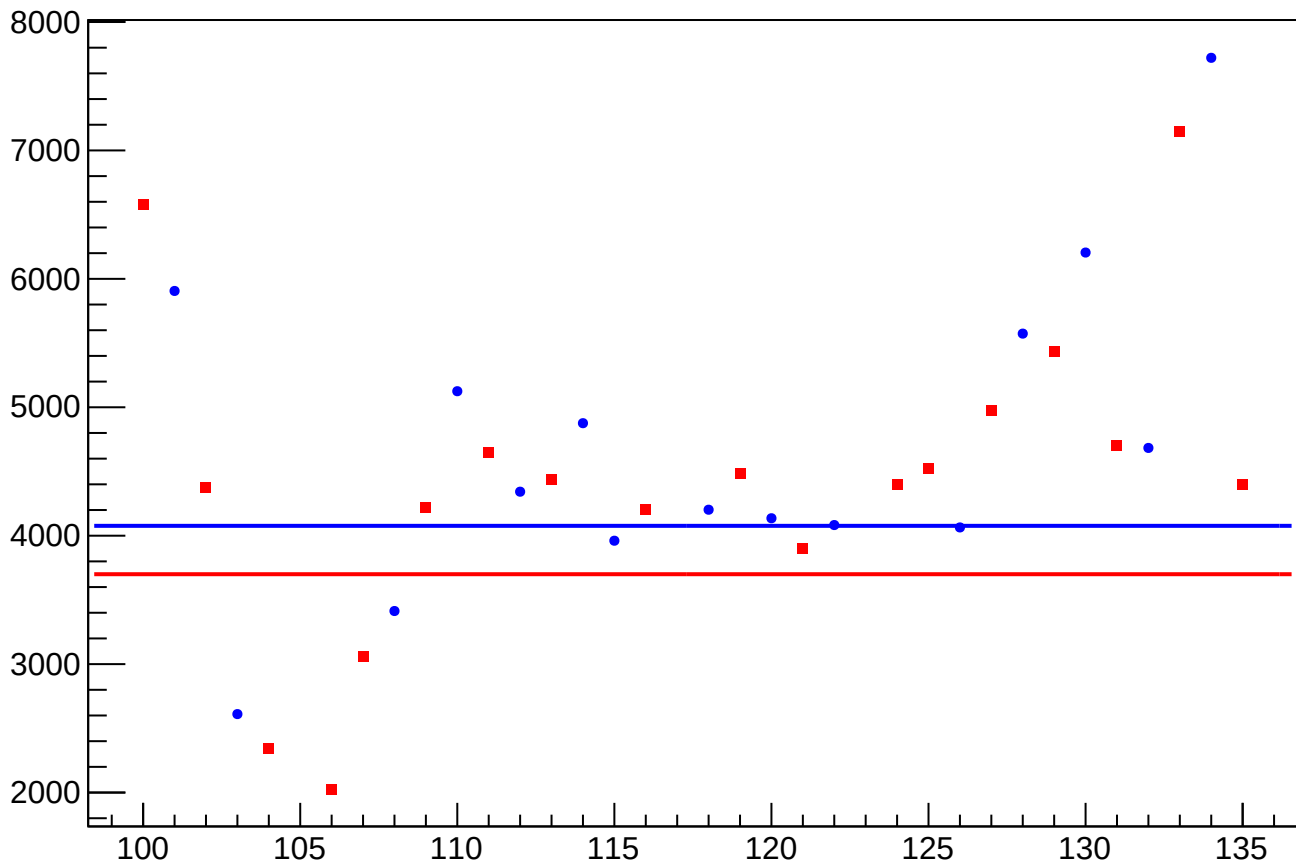
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -132.793+/-1108.185 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_correction_rms vs Slug



Right In: 4076.813+/-1.195 χ^2/NDF : 950564.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

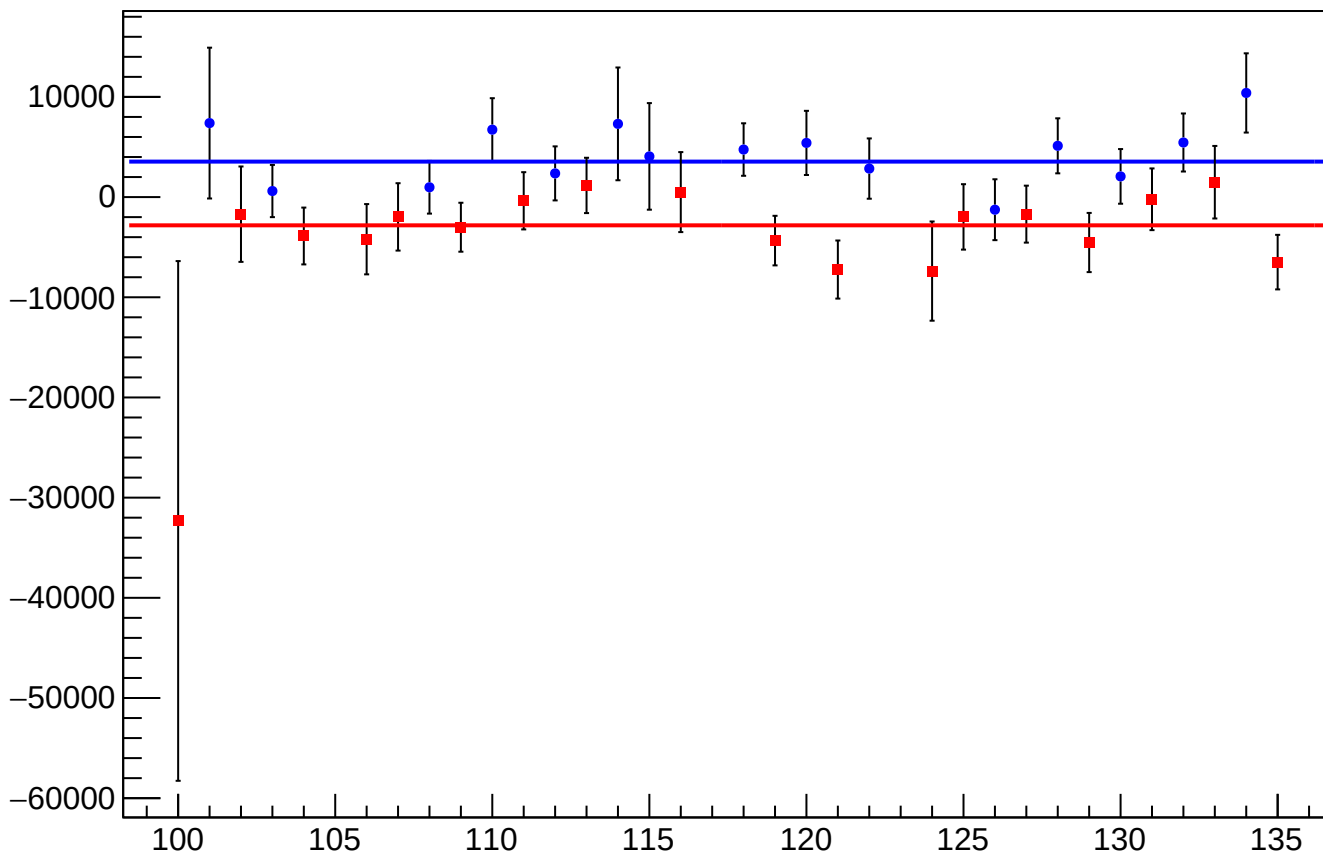
Right Out: 3700.154+/-1.038 χ^2/NDF : 1325664.2/17

All: 3862.159+/-0.784 χ^2/NDF : 2332861.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_mean vs Slug



Right In: 3541.985+/-809.212 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2818.534+/-746.295 χ^2/NDF : 13.3/17

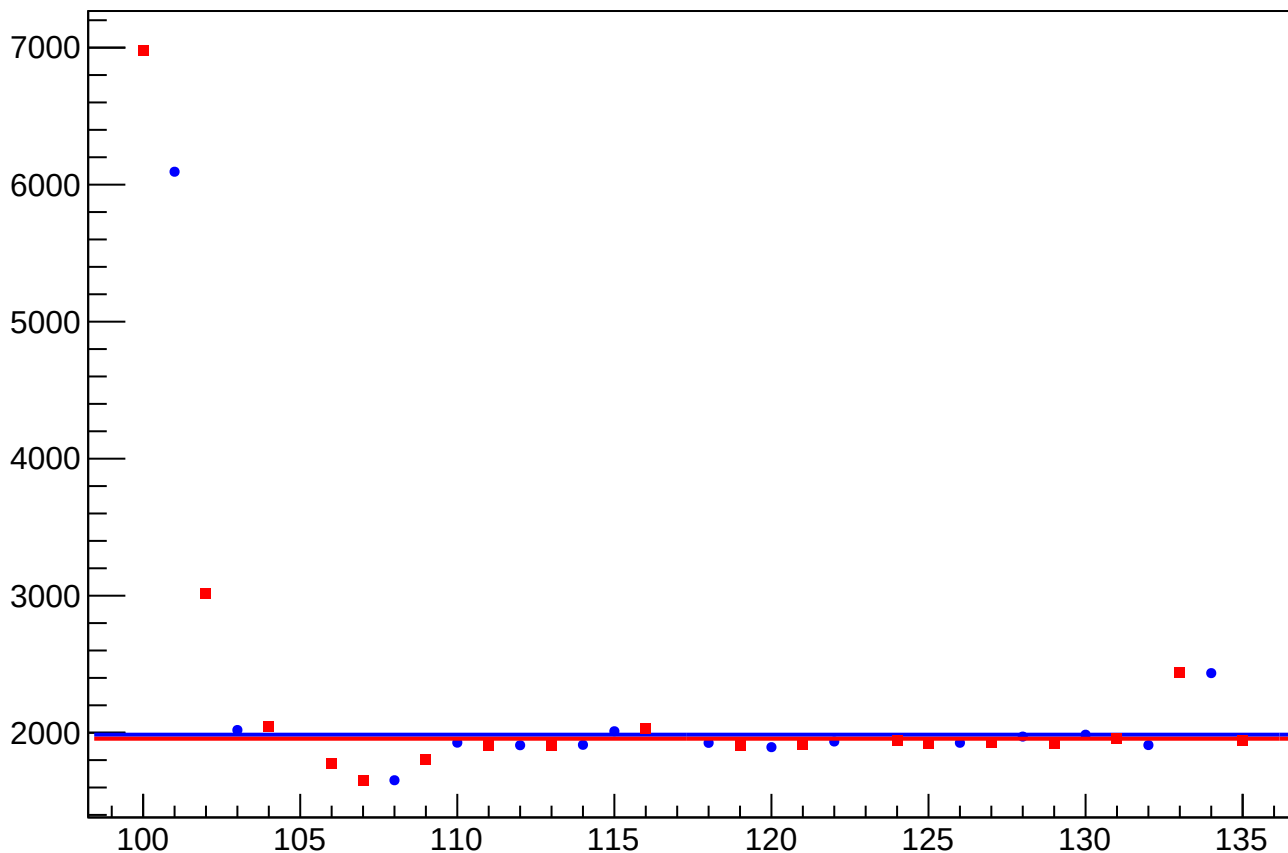
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.874+/-548.606 χ^2/NDF : 58.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_avg_rms vs Slug



Right In: 1985.511+/-0.572 χ^2/NDF : 662084.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

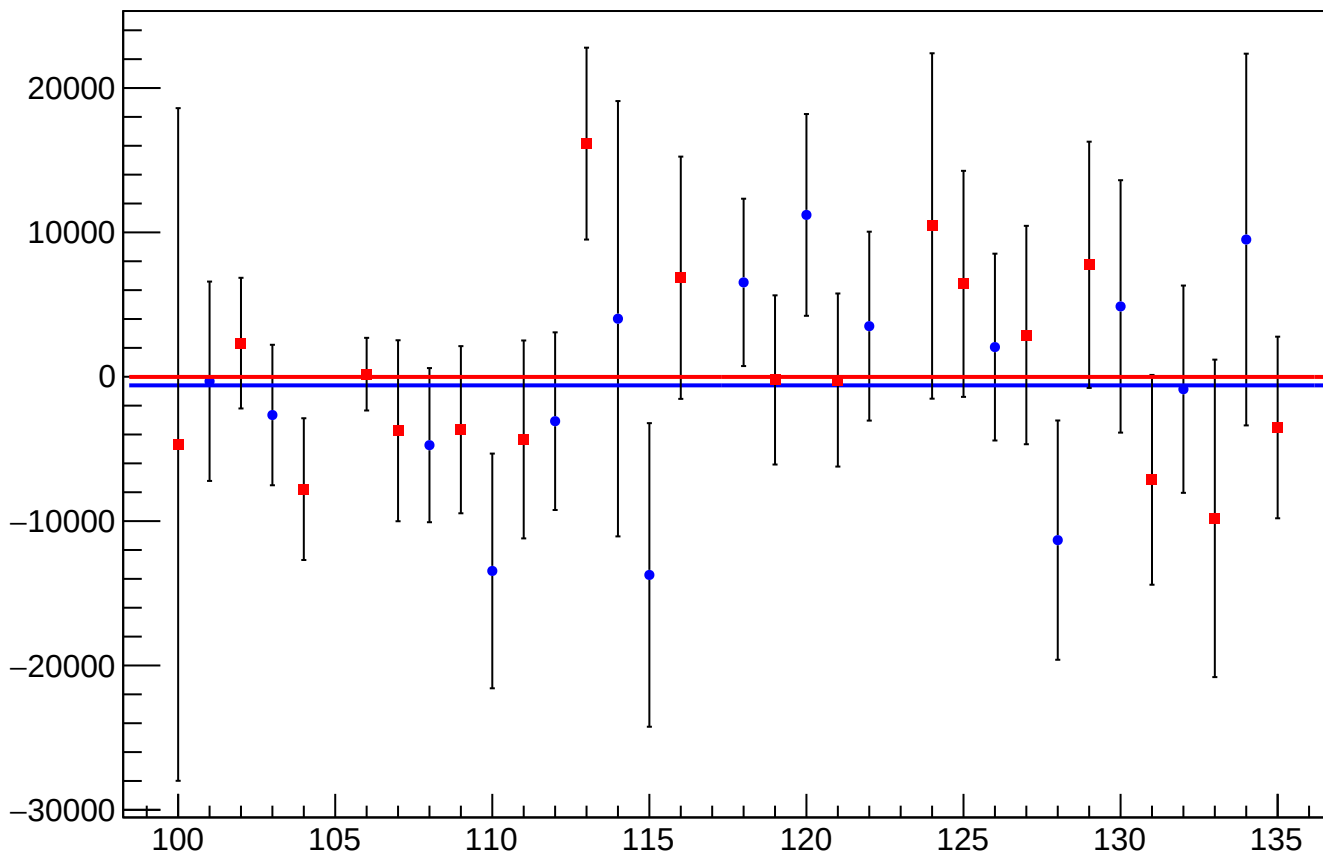
Right Out: 1956.098+/-0.527 χ^2/NDF : 245844.2/17

All: 1969.603+/-0.388 χ^2/NDF : 909357.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_mean vs Slug



Right In: -596.844+/-1814.136 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.301+/-1376.904 χ^2/NDF : 15.0/17

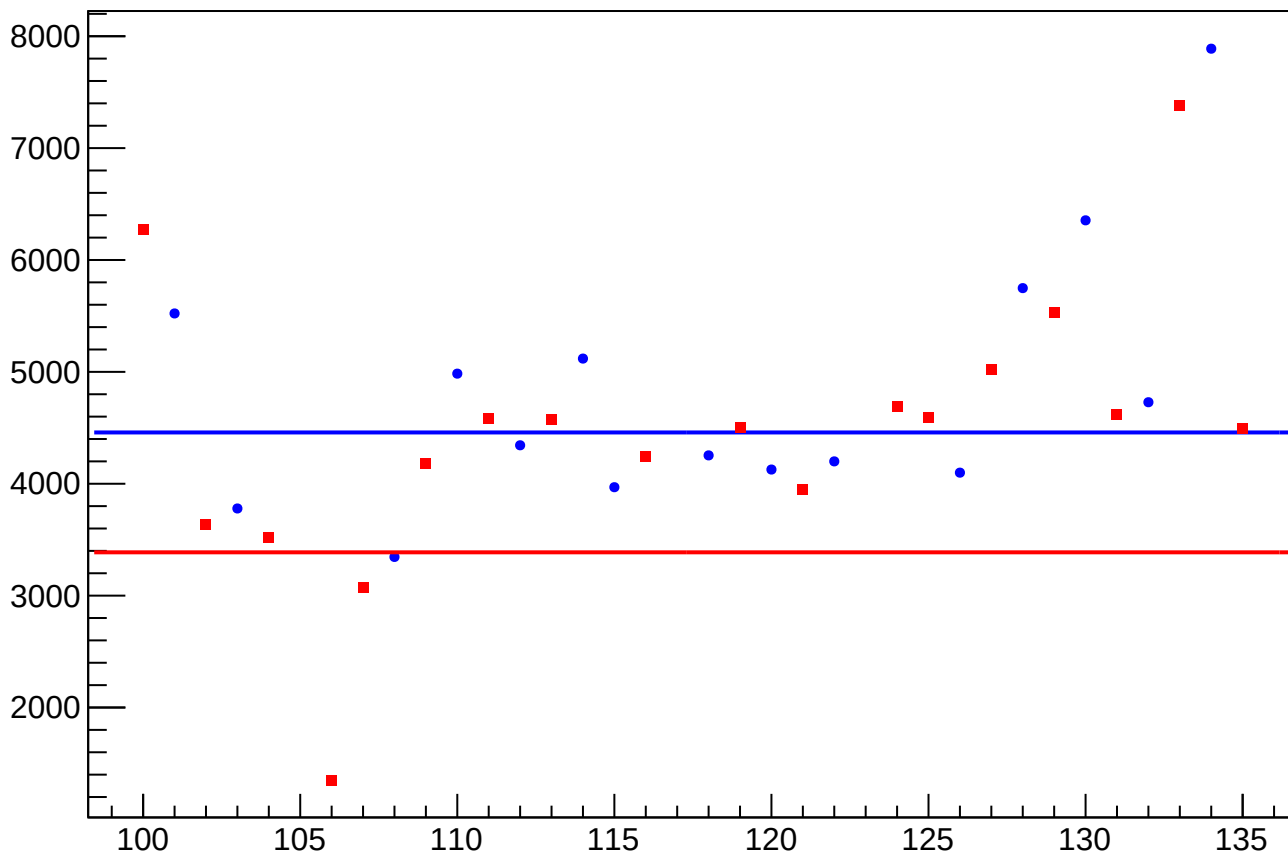
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.955+/-1096.774 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_correction_rms vs Slug



Right In: 4458.519+/-1.283 χ^2/NDF : 494171.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

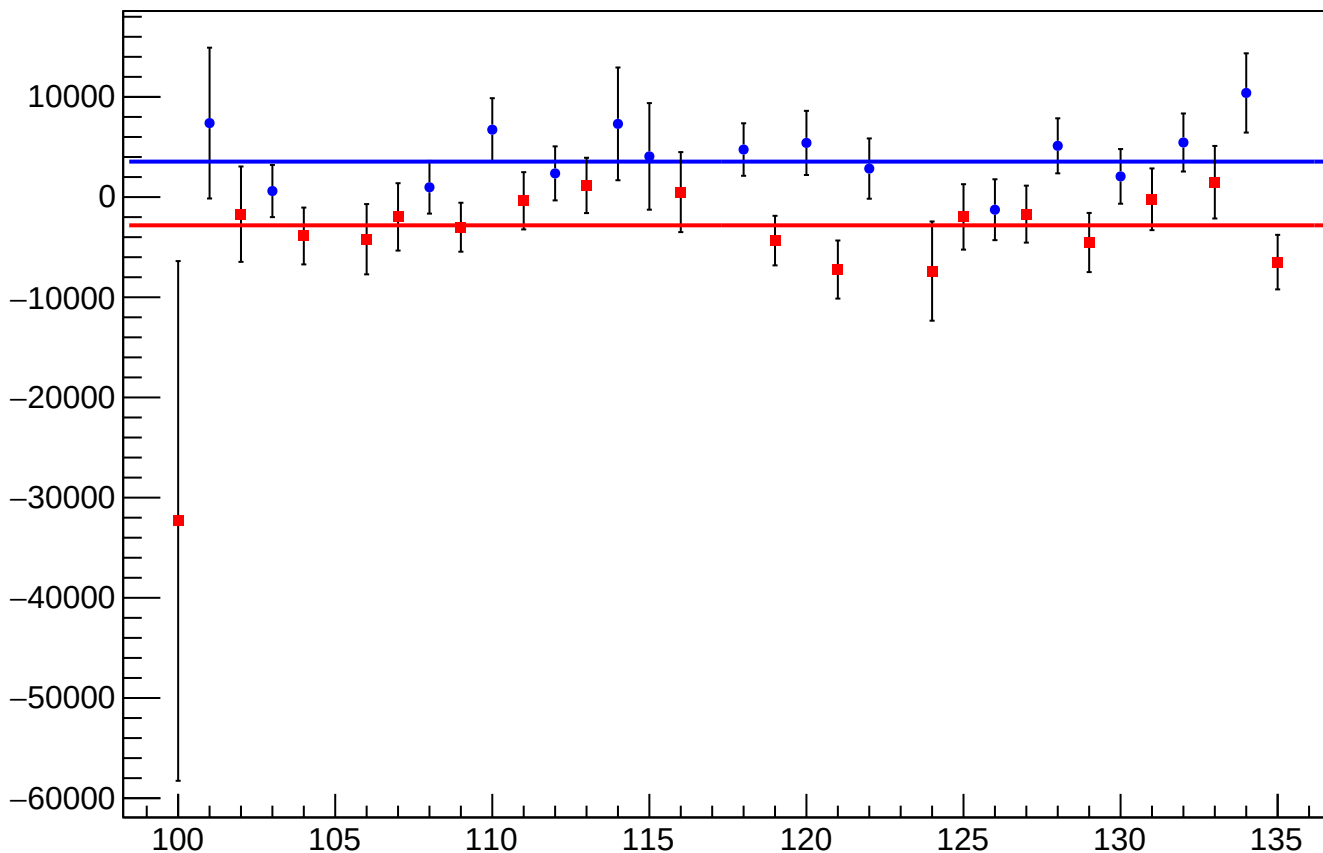
Right Out: 3387.112+/-0.974 χ^2/NDF : 2304013.7/17

All: 3778.718+/-0.776 χ^2/NDF : 3240800.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_mean vs Slug



Right In: 3541.984+/-809.212 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2818.541+/-746.295 χ^2/NDF : 13.3/17

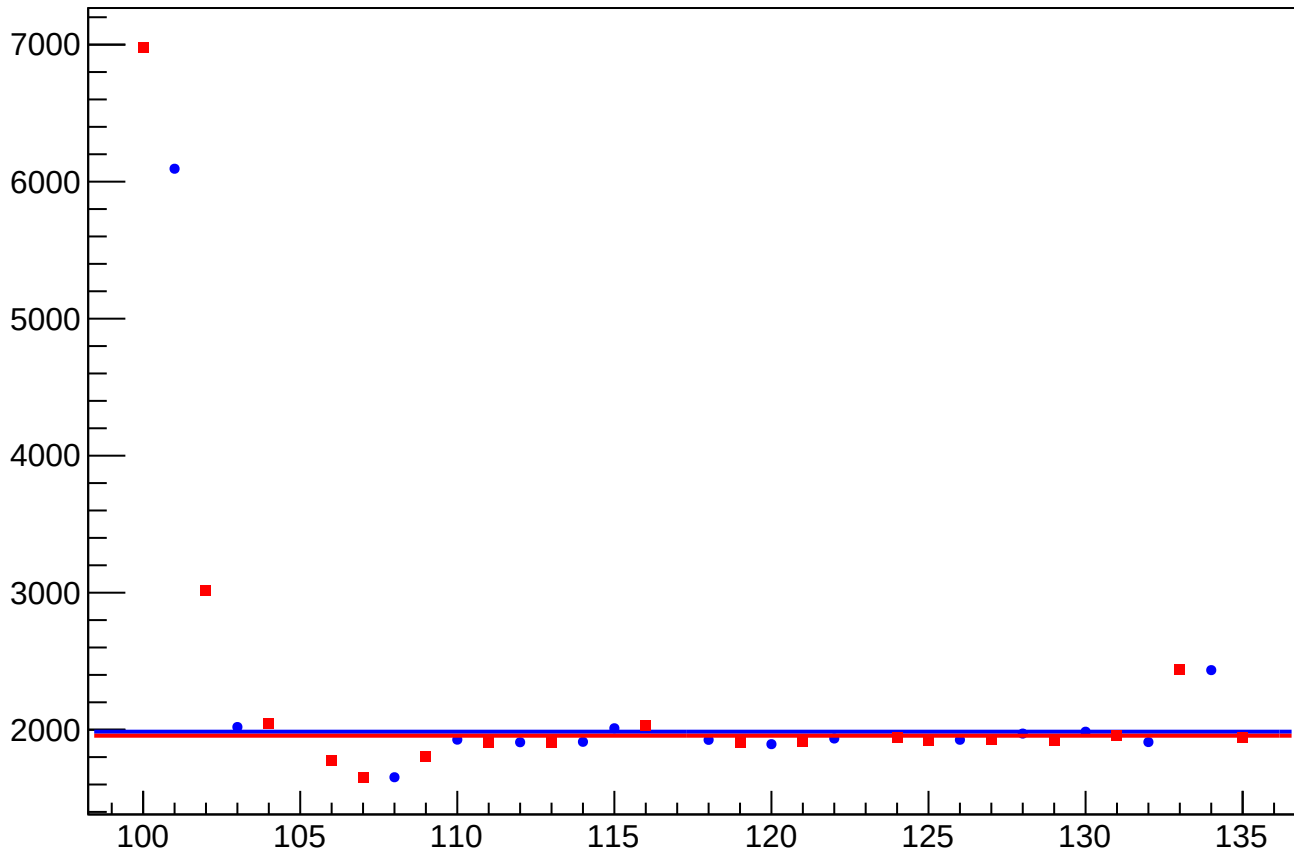
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.870+/-548.606 χ^2/NDF : 58.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_avg_rms vs Slug



Right In: 1985.510+/-0.572 χ^2/NDF : 662084.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1956.097+/-0.527 χ^2/NDF : 245843.7/17

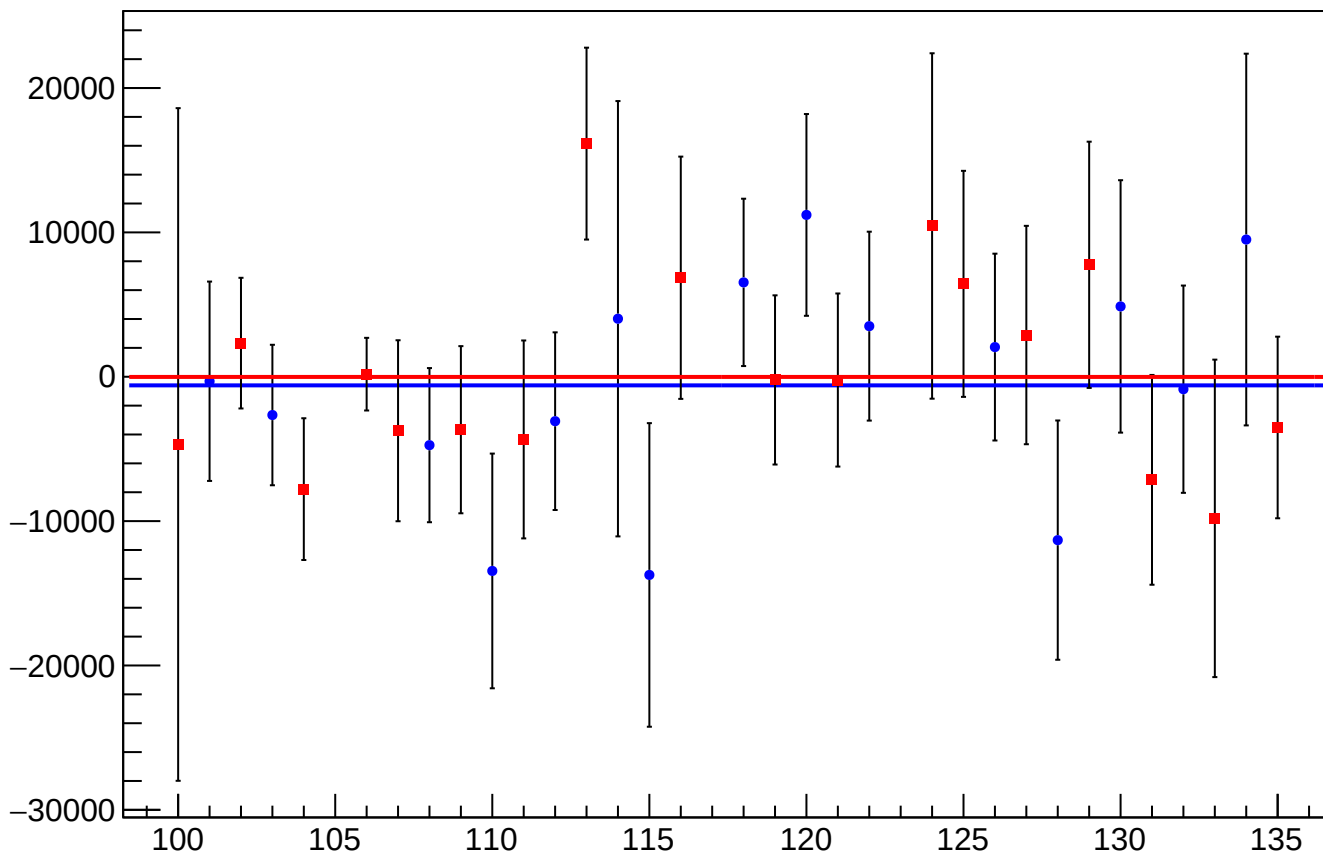
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1969.603+/-0.388 χ^2/NDF : 909357.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_mean vs Slug



Right In: -596.836+/-1814.131 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -12.299+/-1376.901 χ^2/NDF : 15.0/17

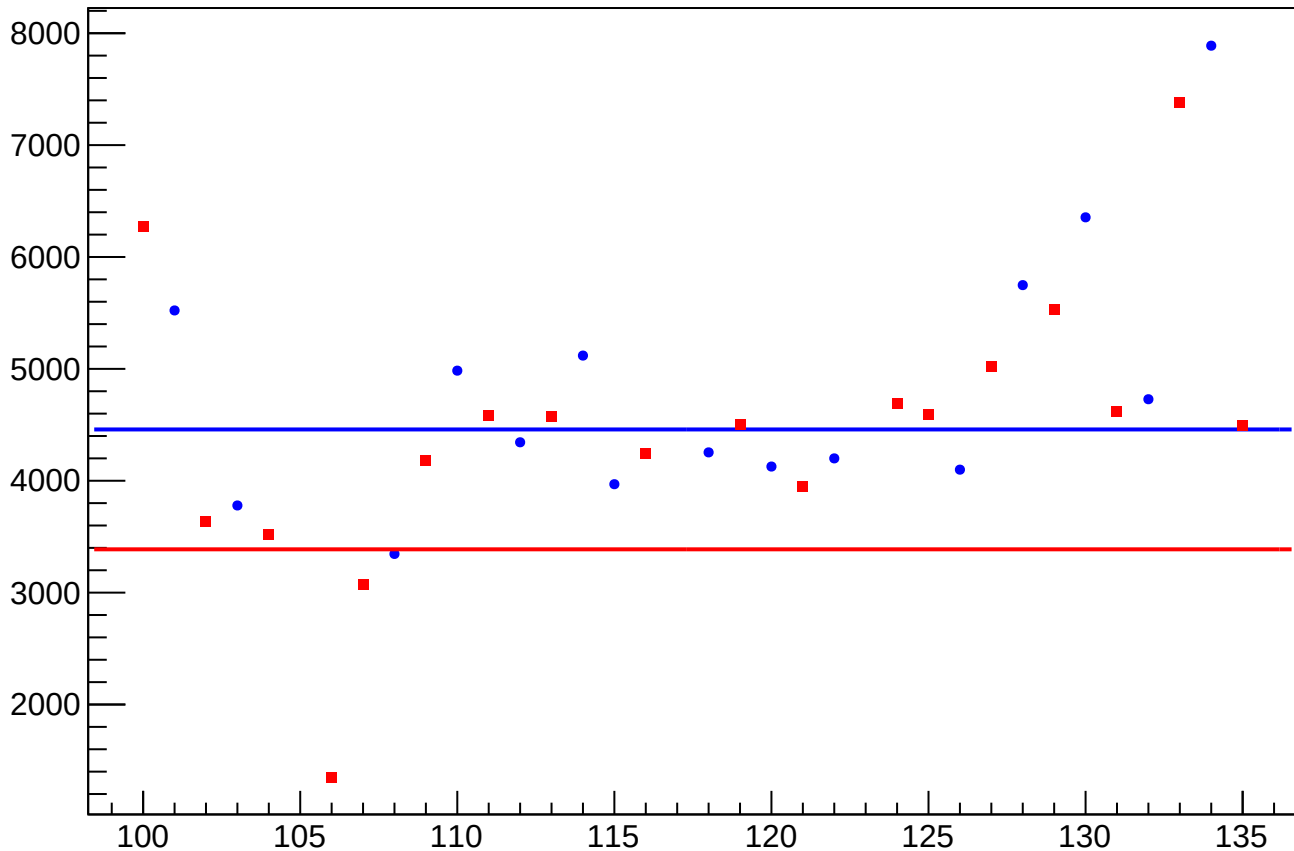
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -225.951+/-1096.772 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_correction_rms vs Slug



Right In: 4458.509+/-1.283 χ^2/NDF : 494168.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

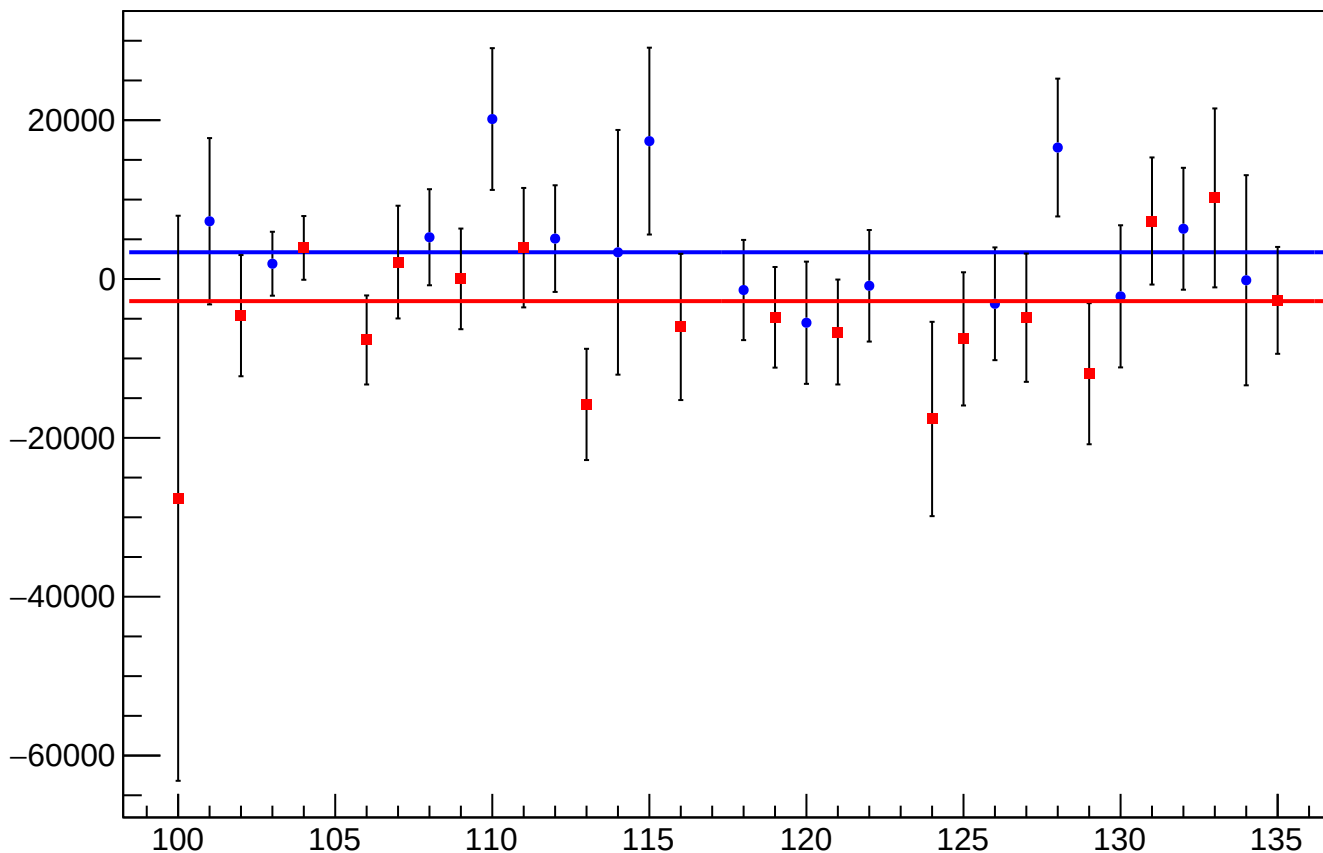
Right Out: 3387.103+/-0.974 χ^2/NDF : 2304016.8/17

All: 3778.709+/-0.776 χ^2/NDF : 3240801.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_mean vs Slug



Right In: 3369.926 $\pm$ 1907.081 χ^2 /NDF: 11.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2783.306 $\pm$ 1693.085 χ^2 /NDF: 15.4/17

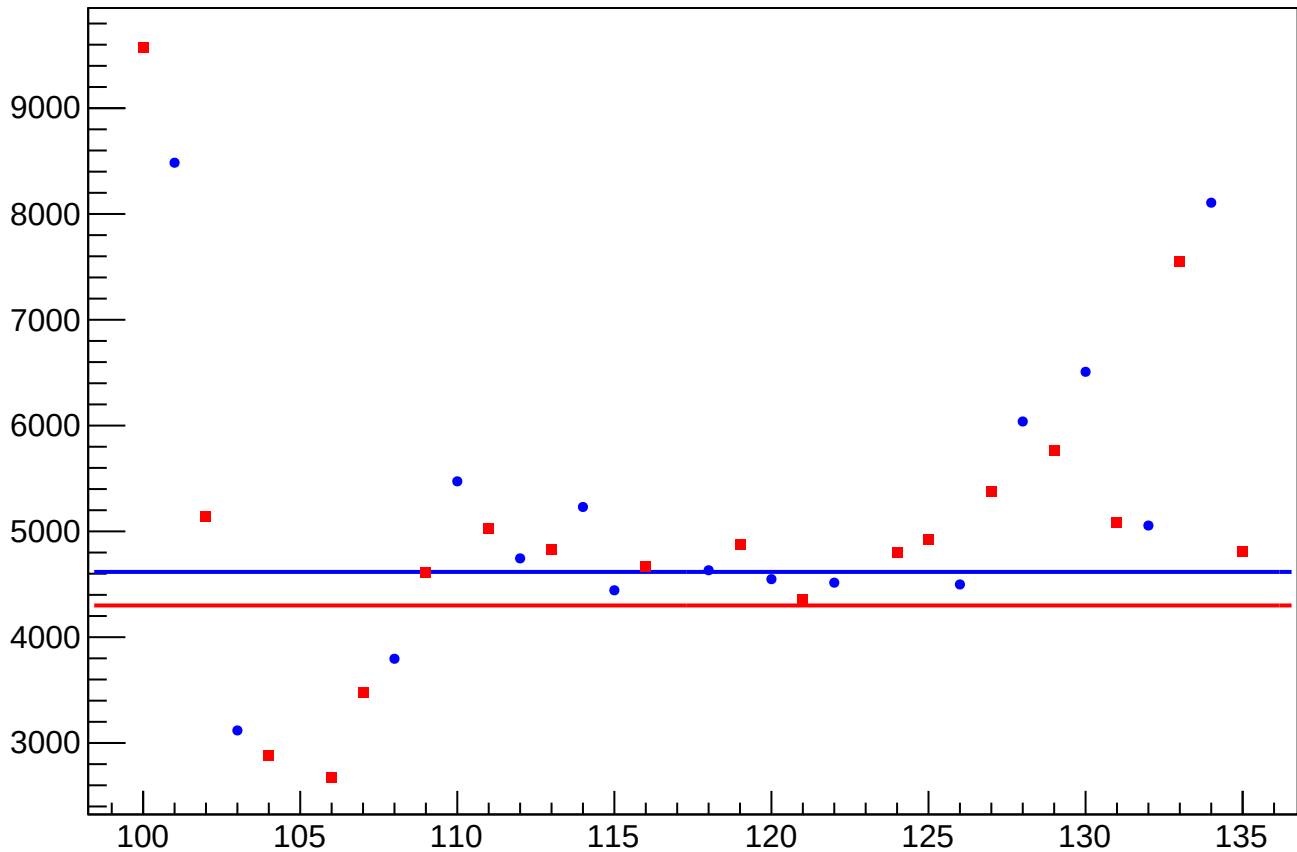
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -71.155 $\pm$ 1266.119 χ^2 /NDF: 32.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_rms vs Slug



Right In: 4616.863+/-1.349 χ^2/NDF : 899501.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

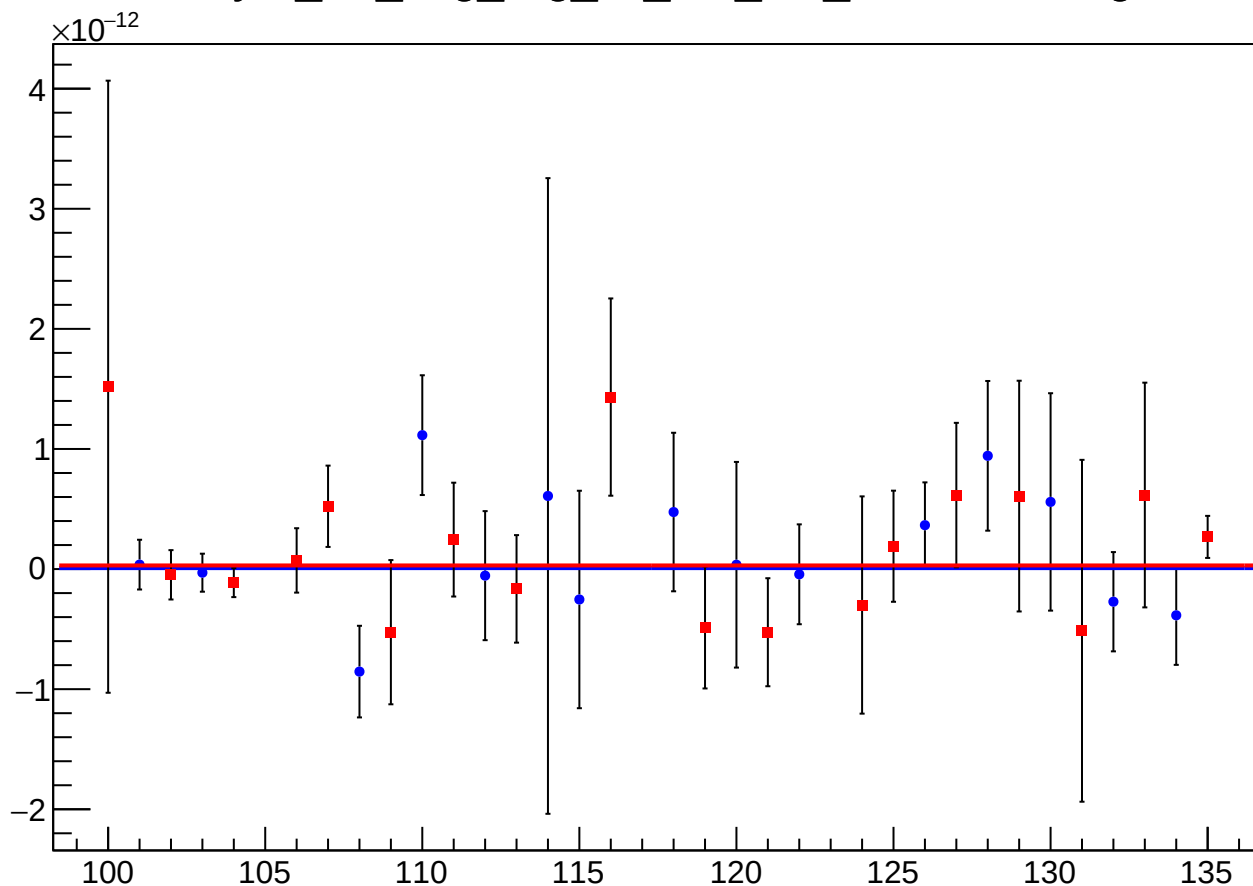
Right Out: 4299.767+/-1.187 χ^2/NDF : 900930.6/17

All: 4438.142+/-0.891 χ^2/NDF : 1831596.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/17

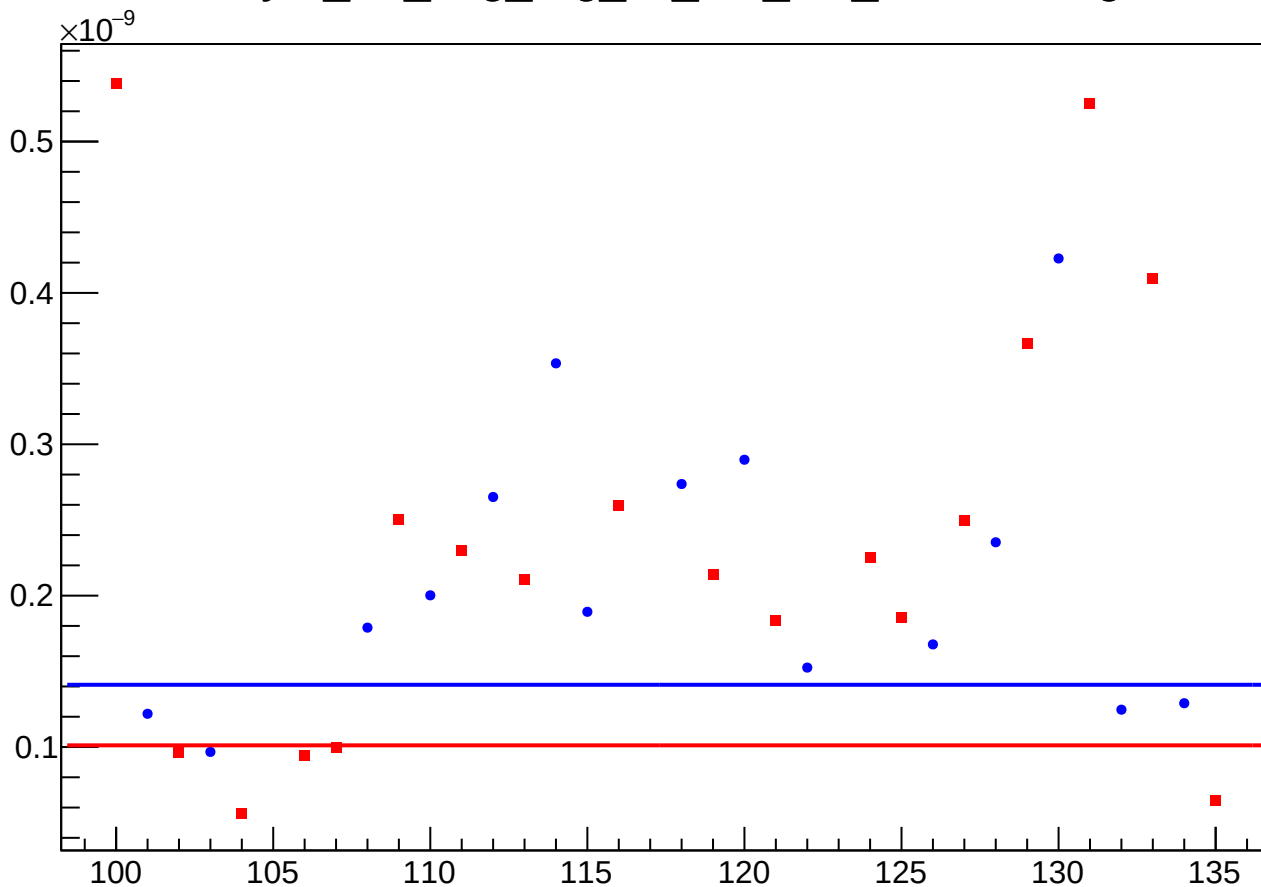
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 745078.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1832818.4/17

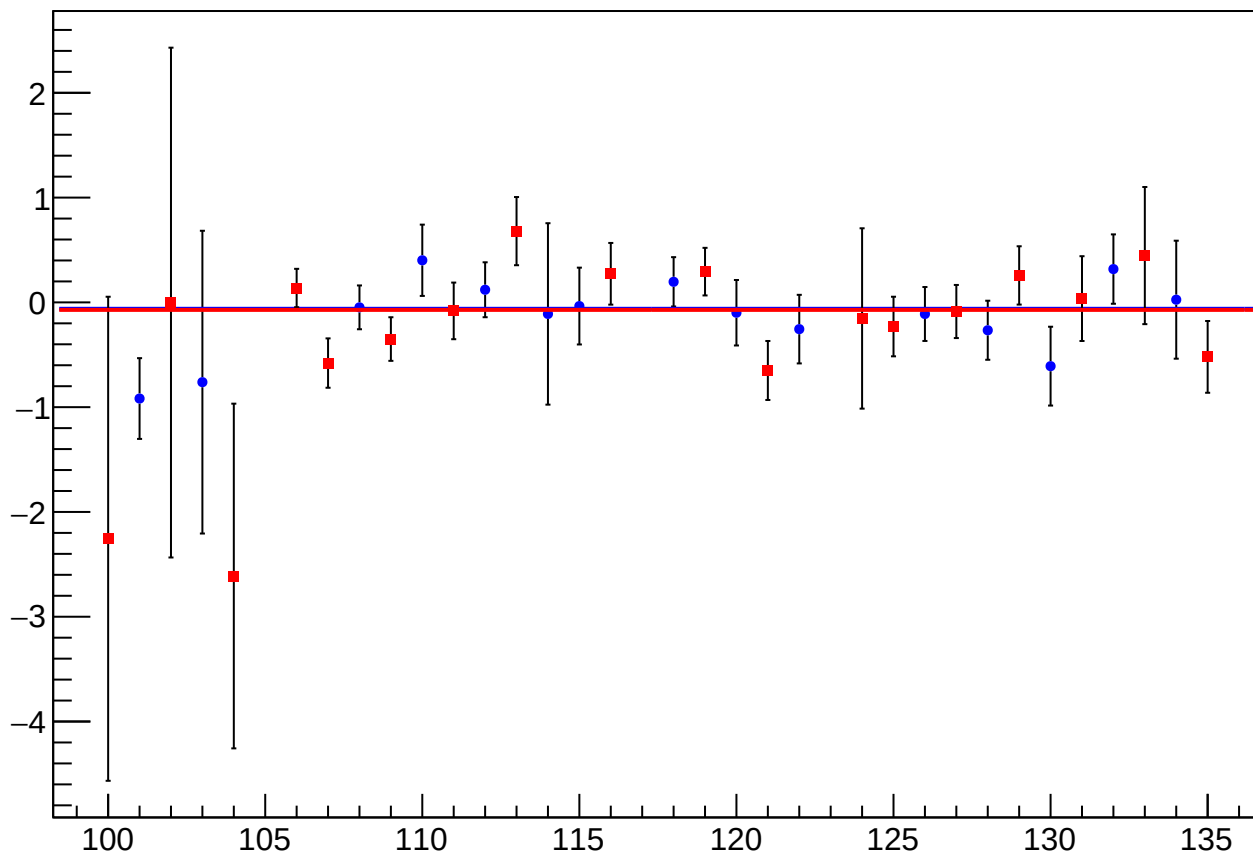
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2799417.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.061+/-0.083 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.072+/-0.071 χ^2/NDF : 28.7/17

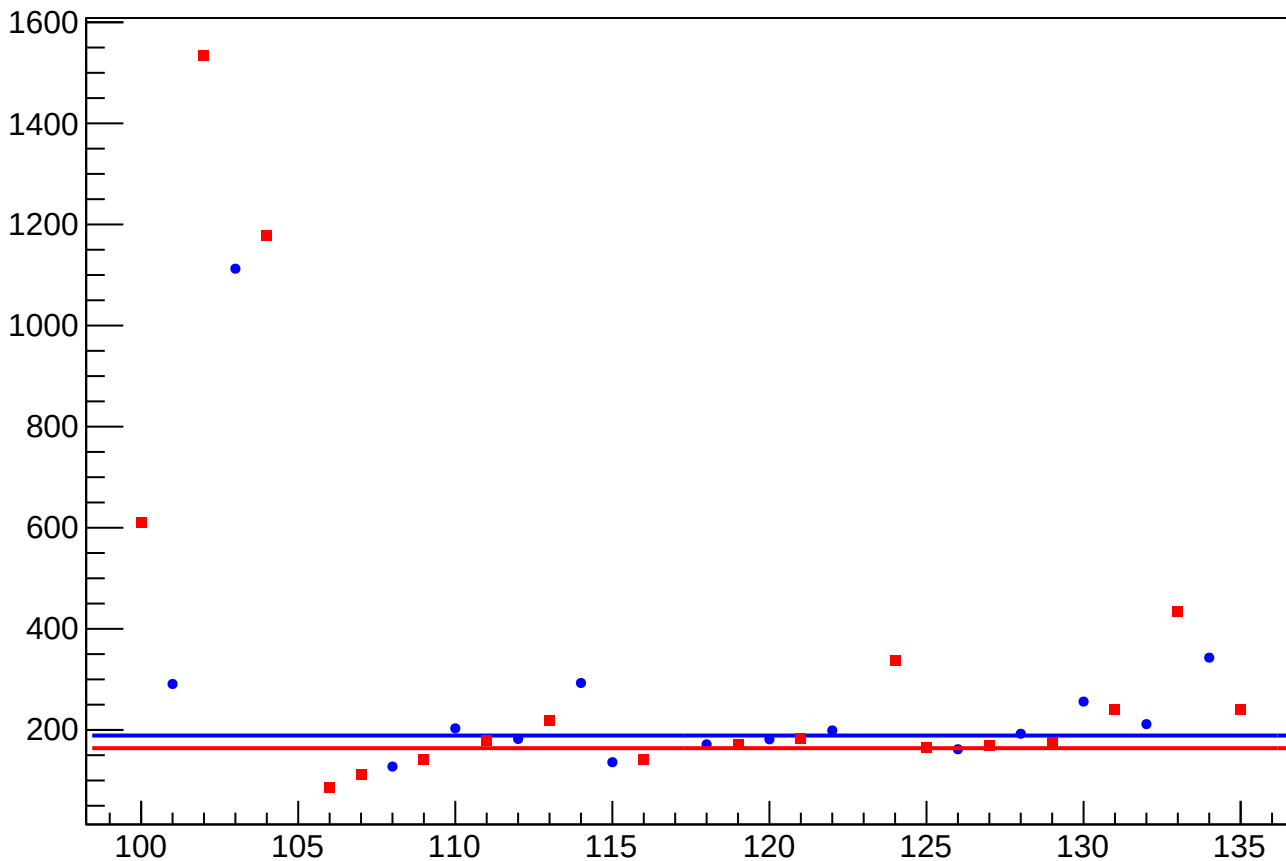
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.067+/-0.054 χ^2/NDF : 41.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_cor_diff_rms vs Slug



Right In: 188.930+/-0.058 χ^2/NDF : 1464417.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

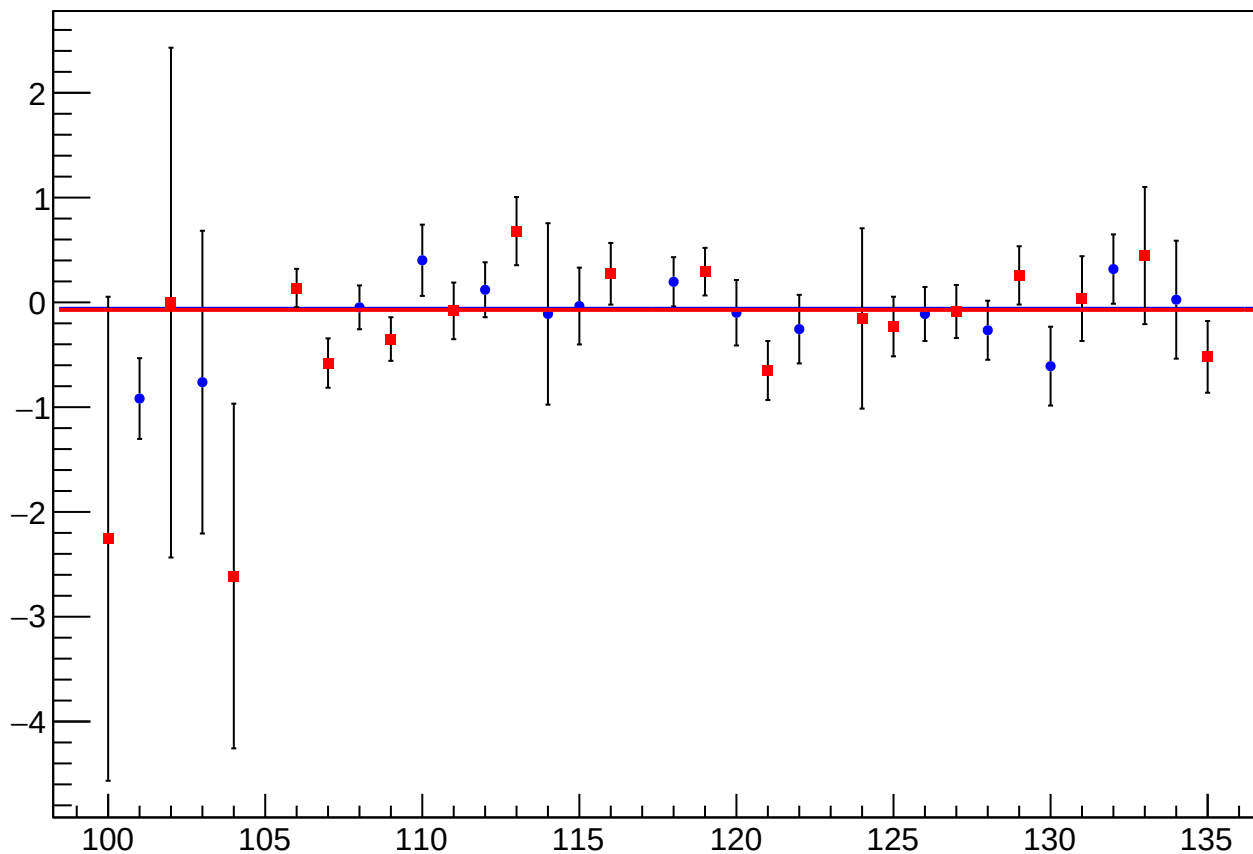
Right Out: 163.915+/-0.050 χ^2/NDF : 2641777.3/17

All: 174.578+/-0.038 χ^2/NDF : 4211554.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.061 $\pm$ 0.083 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.072 $\pm$ 0.071 χ^2 /NDF: 28.7/17

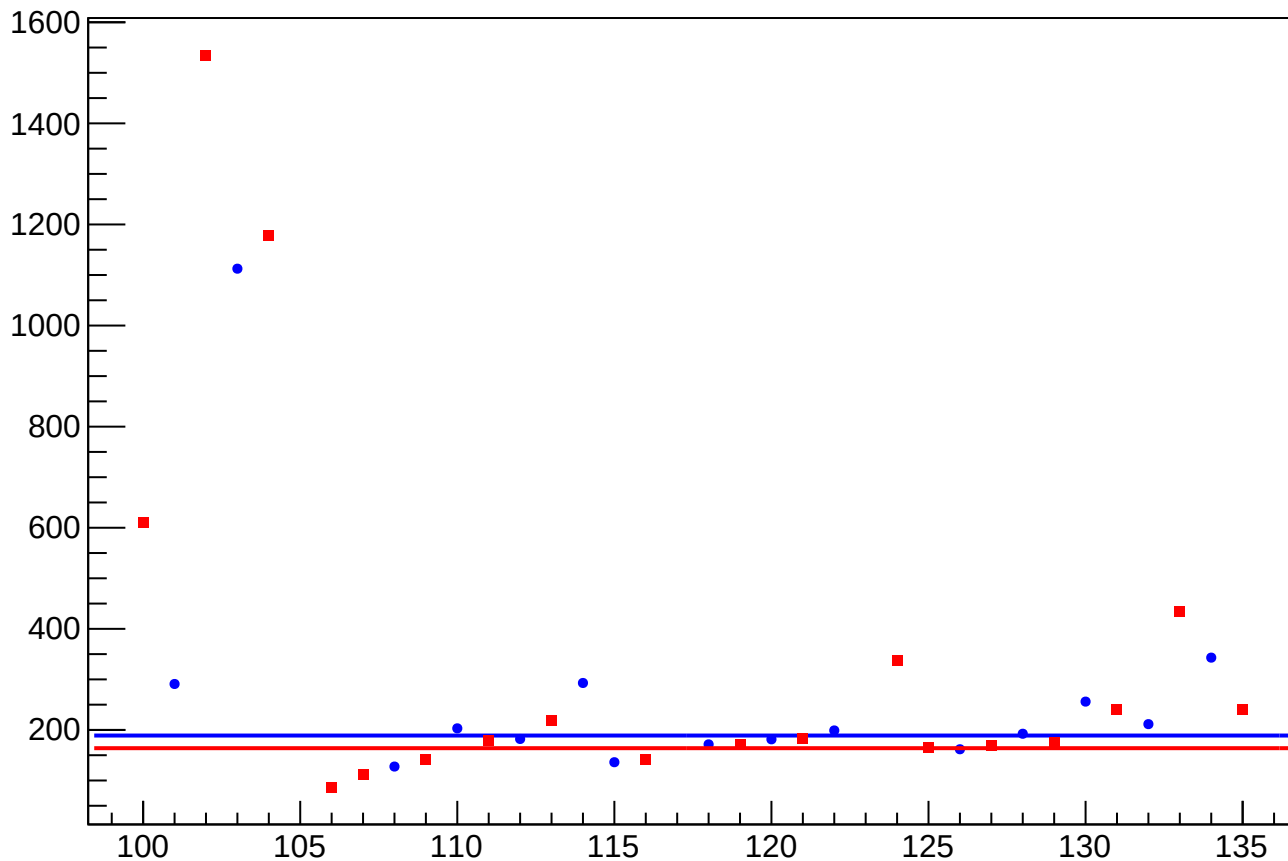
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.067 $\pm$ 0.054 χ^2 /NDF: 41.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 188.930 $\pm$ 0.058 χ^2 /NDF: 1464417.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

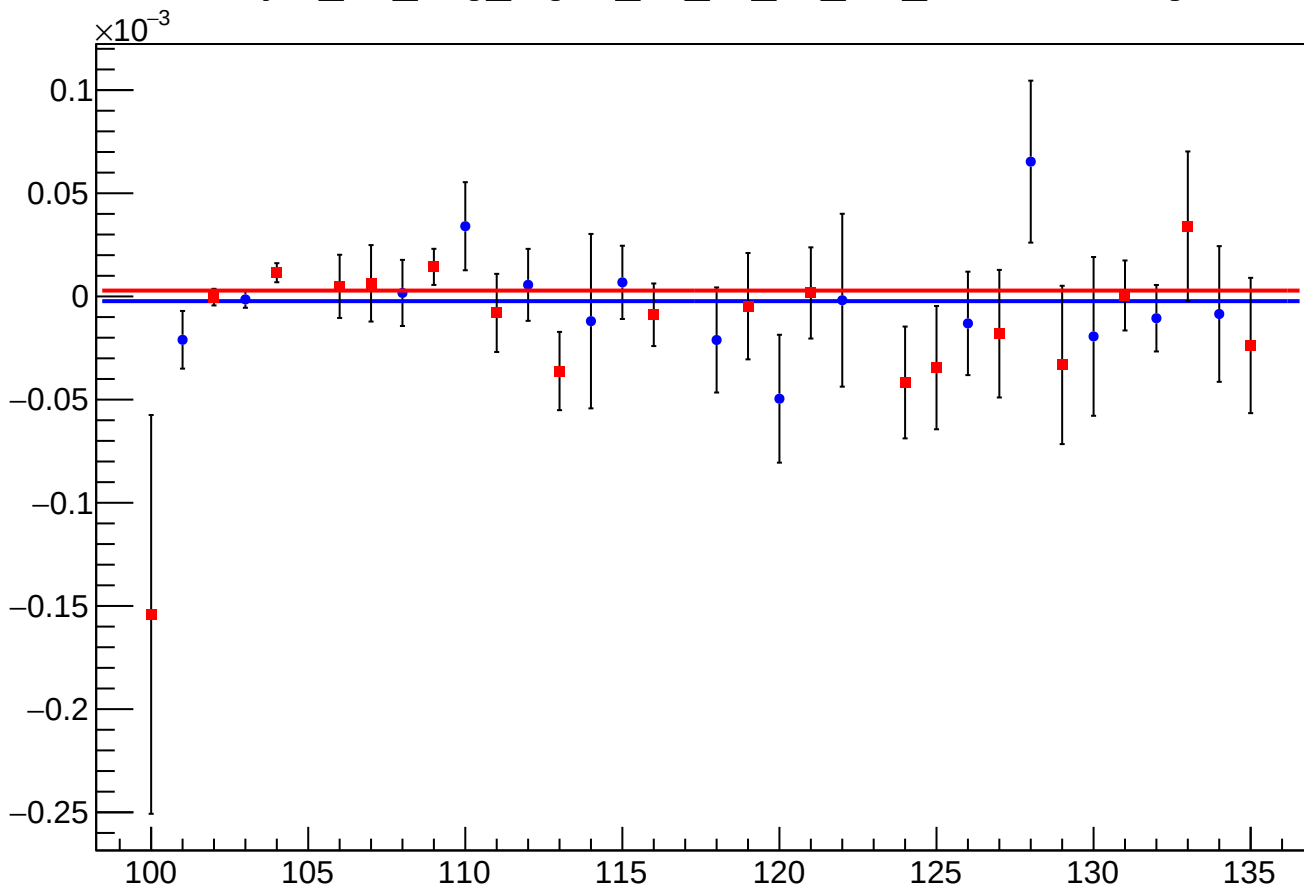
Right Out: 163.915 $\pm$ 0.050 χ^2 /NDF: 2641777.3/17

All: 174.578 $\pm$ 0.038 χ^2 /NDF: 4211554.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 20.8/17

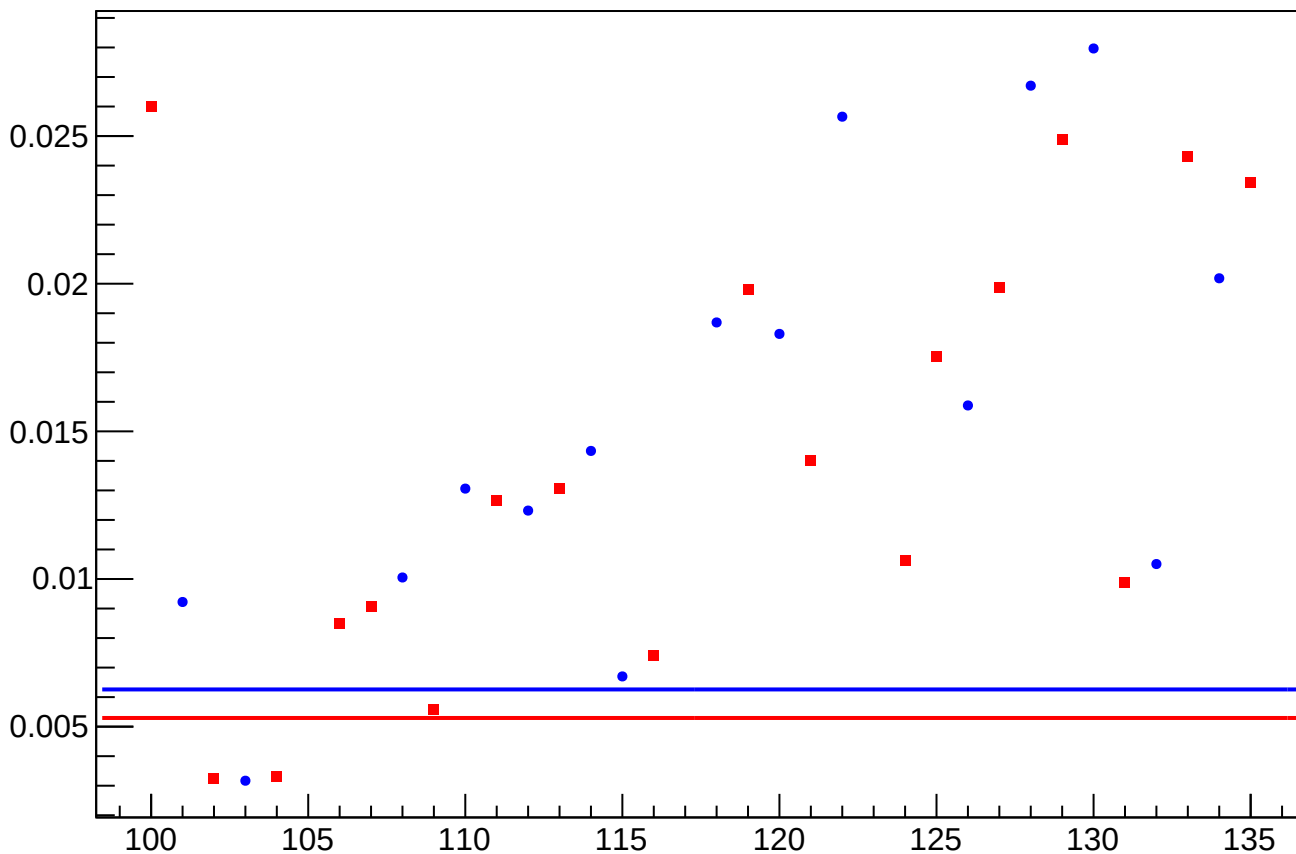
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 34.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 5048342.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 5455226.9/17

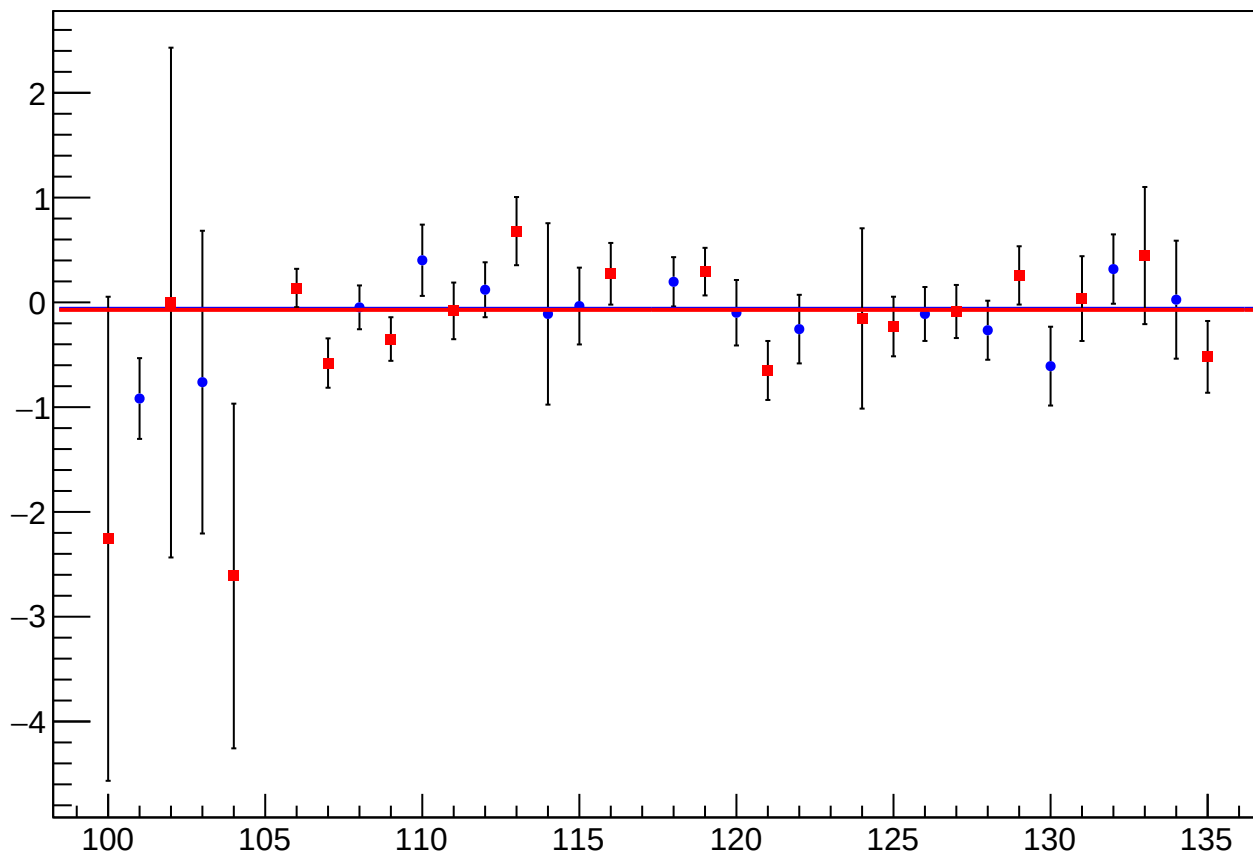
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10608457.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.061 ± 0.083 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.072 ± 0.071 χ^2/NDF : 28.7/17

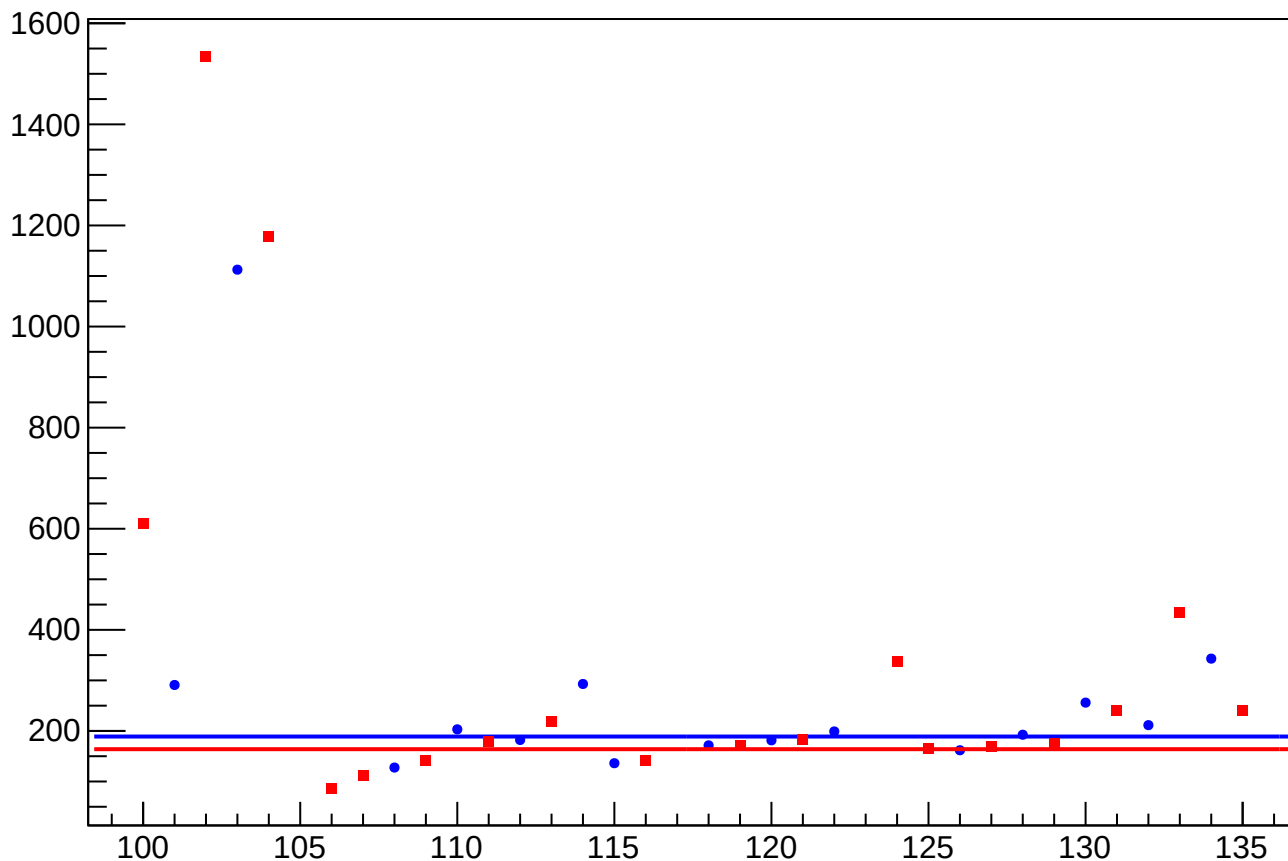
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.054 χ^2/NDF : 41.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 188.928 $\pm$ 0.058 χ^2 /NDF: 1464402.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 163.914 $\pm$ 0.050 χ^2 /NDF: 2641750.6/17

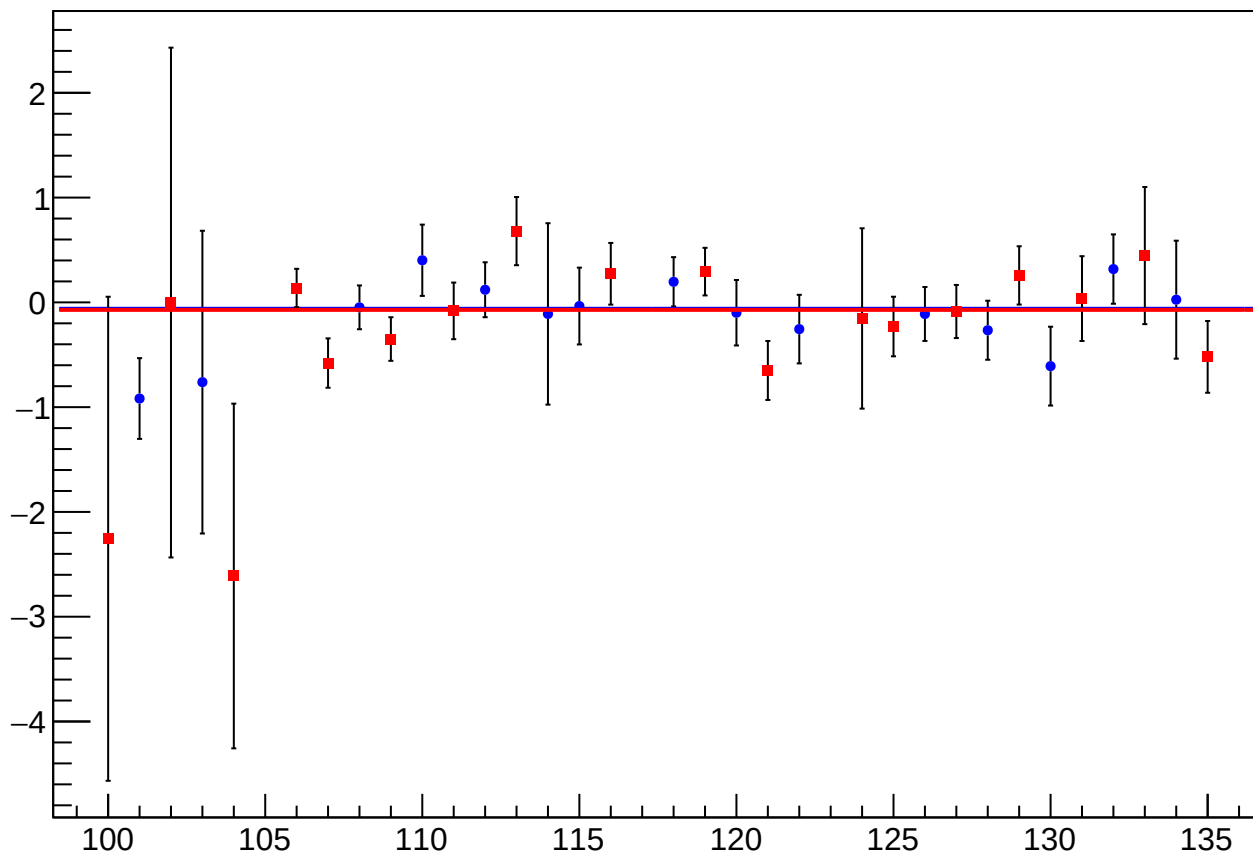
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 174.577 $\pm$ 0.038 χ^2 /NDF: 4211507.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.061 ± 0.083 $\chi^2/\text{NDF}: 13.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.072 ± 0.071 $\chi^2/\text{NDF}: 28.7/17$

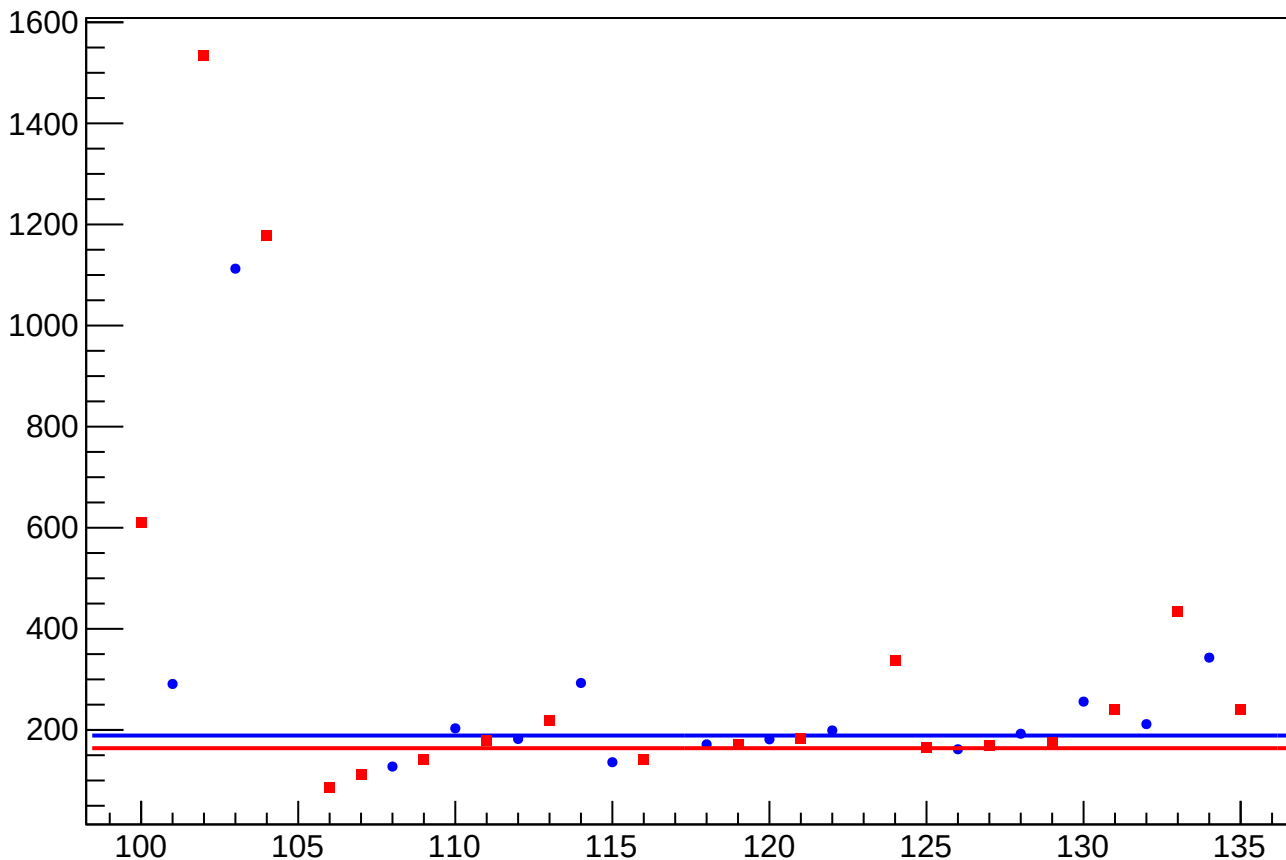
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.067 ± 0.054 $\chi^2/\text{NDF}: 41.8/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atr_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 188.928+/-0.058 χ^2/NDF : 1464402.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

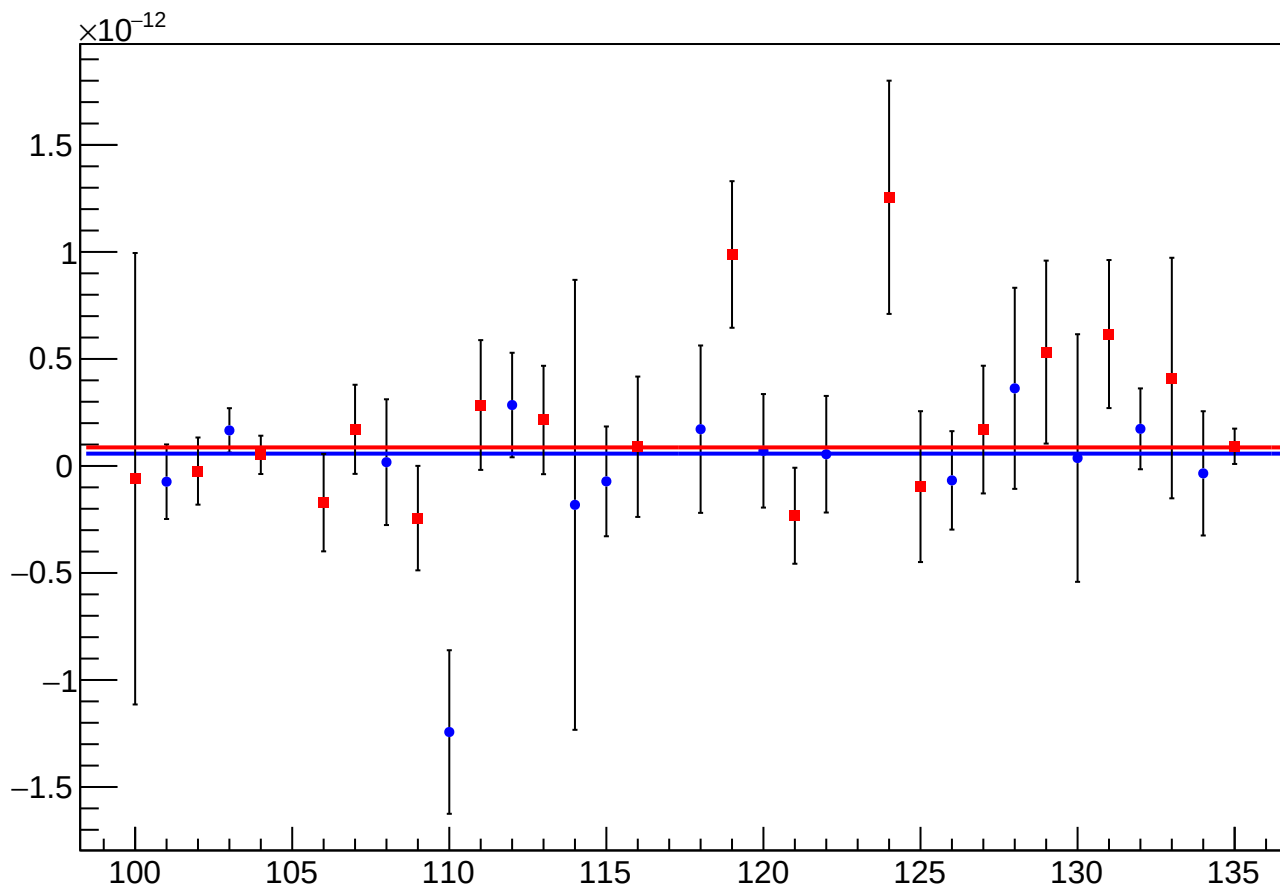
Right Out: 163.914+/-0.050 χ^2/NDF : 2641750.6/17

All: 174.577+/-0.038 χ^2/NDF : 4211507.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.3/17

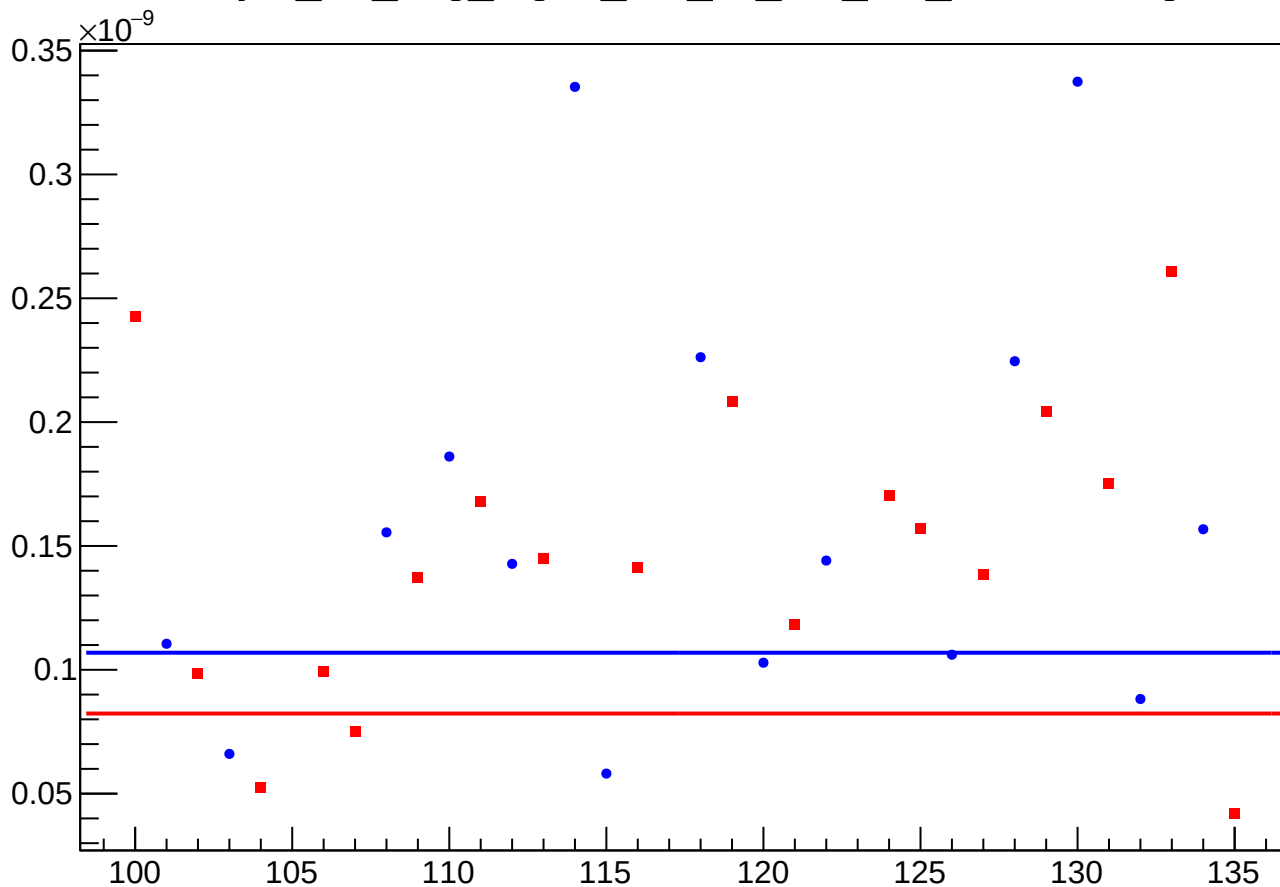
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1406914.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2271503.2/17

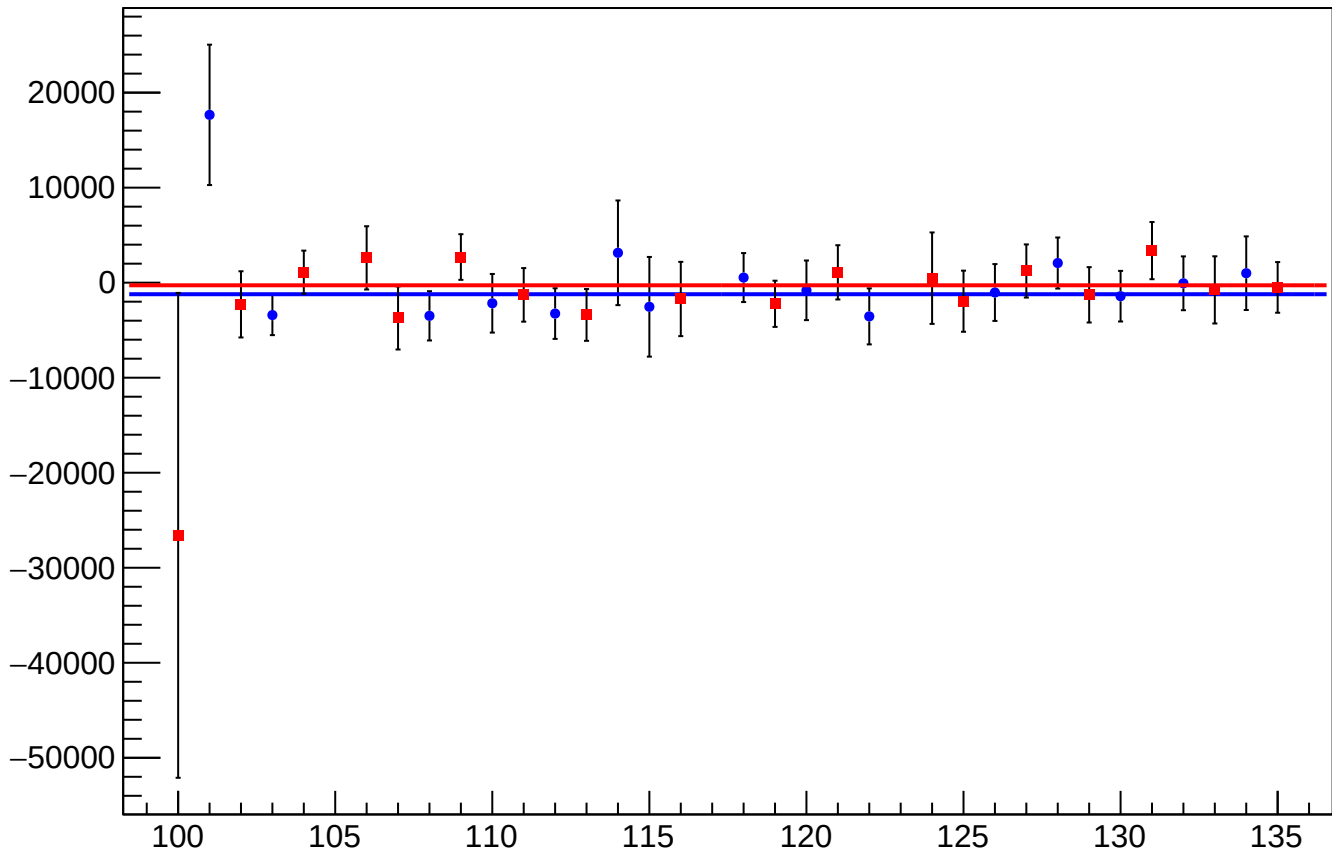
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3889808.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_mean vs Slug



Right In: -1215.604 ± 776.996 χ^2/NDF : 12.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -275.772 ± 712.942 χ^2/NDF : 9.8/17

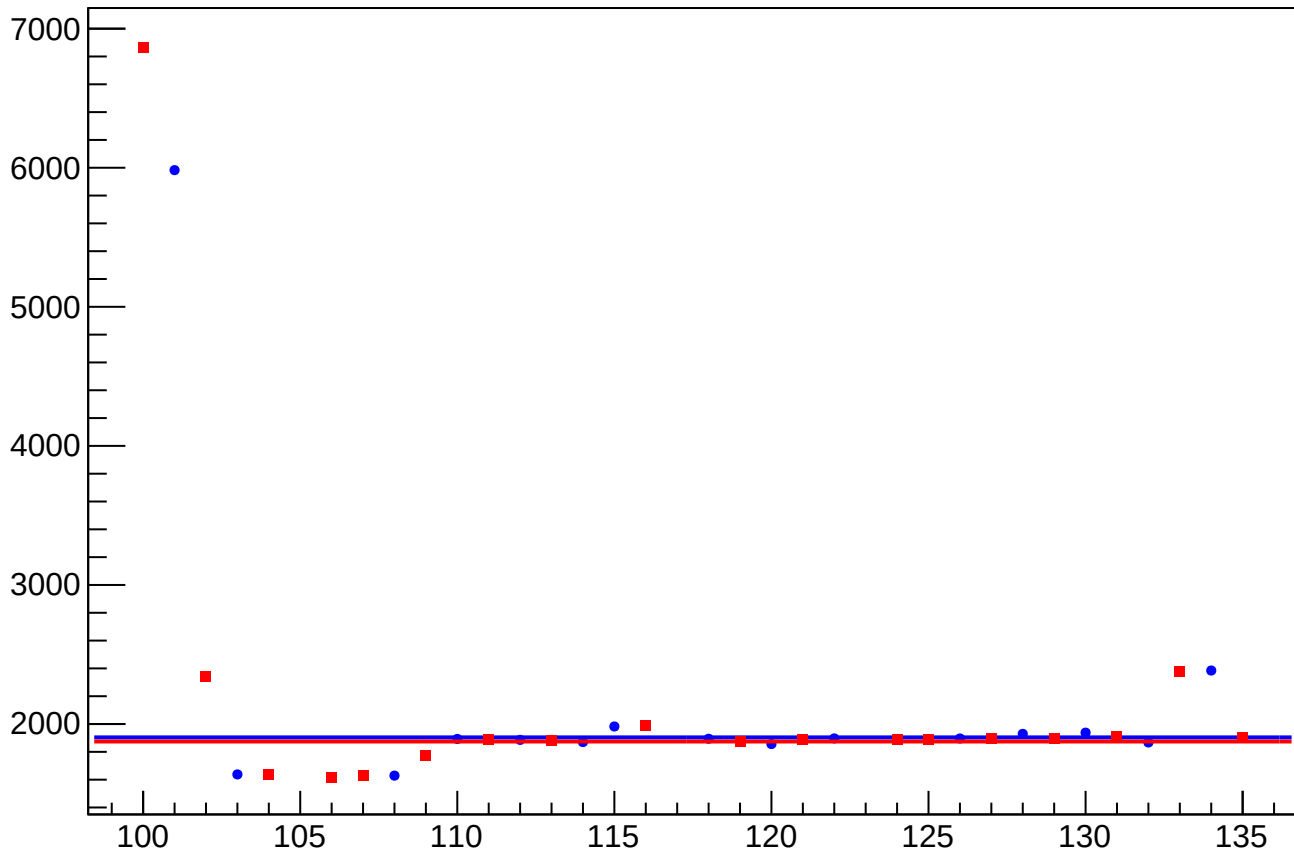
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -705.359 ± 525.314 χ^2/NDF : 23.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_rms vs Slug



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

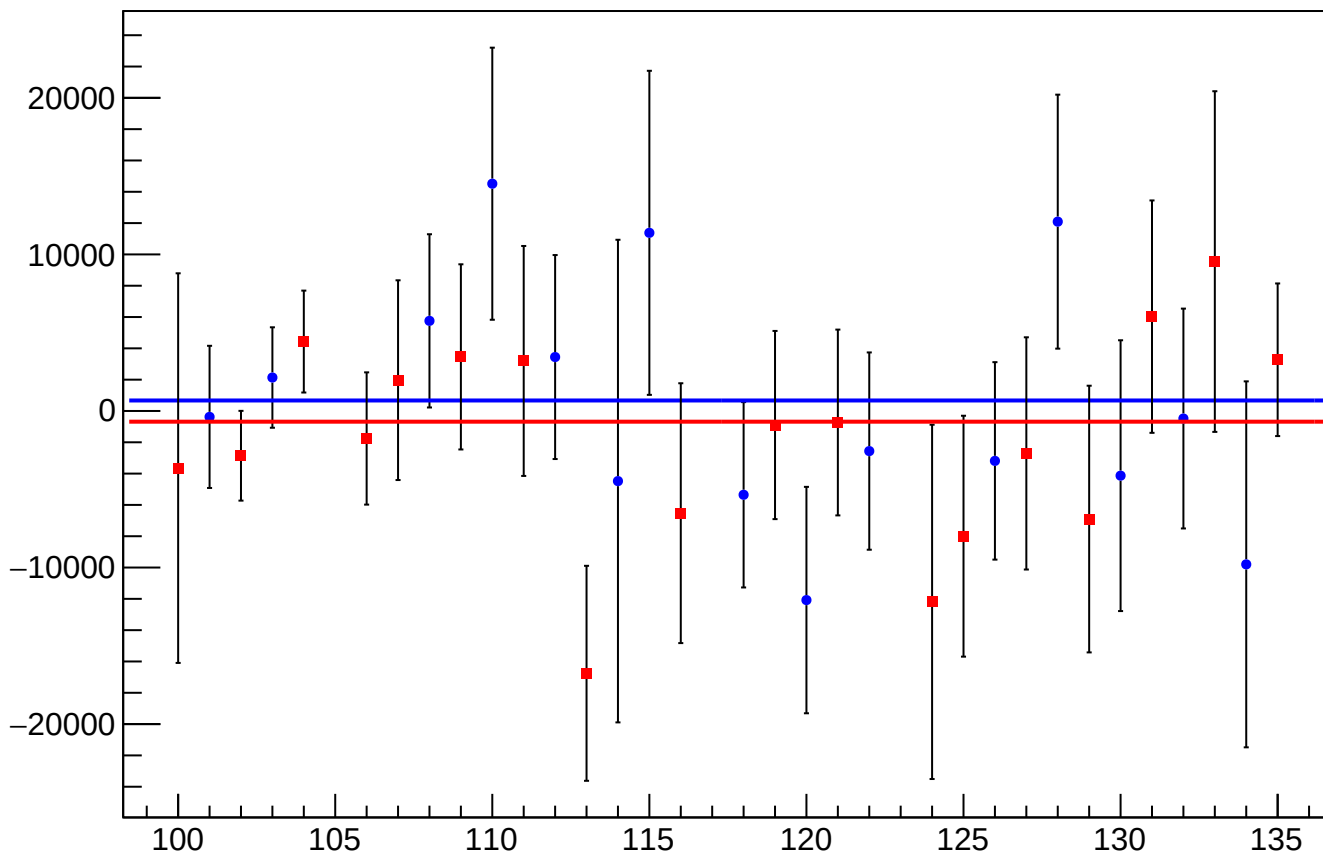
Right Out: 1874.437+/-0.502 χ^2/NDF : 207652.9/17

All: 1887.859+/-0.371 χ^2/NDF : 906094.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_mean vs Slug



Right In: 670.344 ± 1616.098 χ^2/NDF : 12.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -683.937 ± 1327.408 χ^2/NDF : 15.0/17

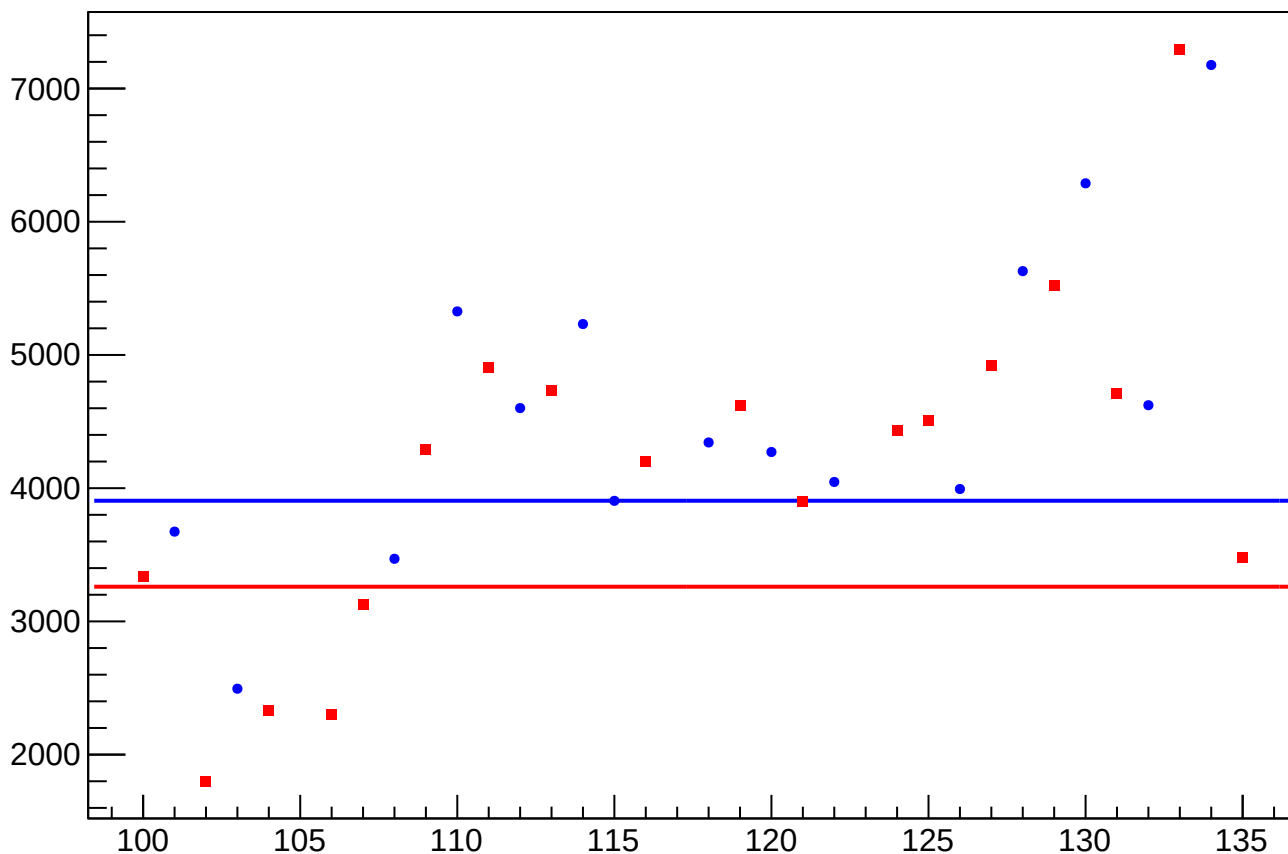
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -138.354 ± 1025.755 χ^2/NDF : 28.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_correction_rms vs Slug



Right In: 3905.724+/-1.143 χ^2/NDF : 932595.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

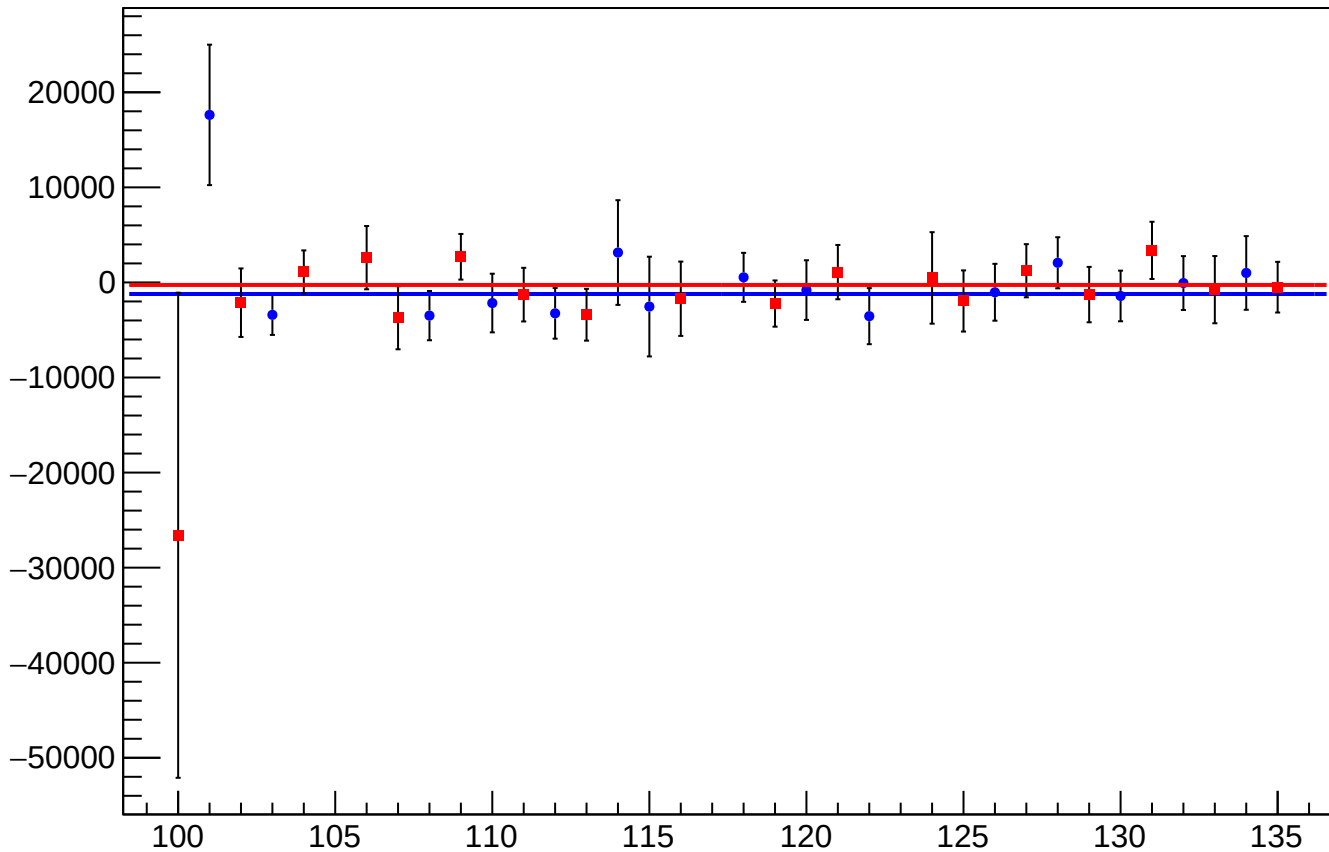
Right Out: 3260.334+/-0.939 χ^2/NDF : 1863705.2/17

All: 3520.334+/-0.725 χ^2/NDF : 2986765.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr_dd_mean vs Slug



Right In: -1216.036 $\pm$ 776.996 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -264.907 $\pm$ 713.932 χ^2 /NDF: 9.7/17

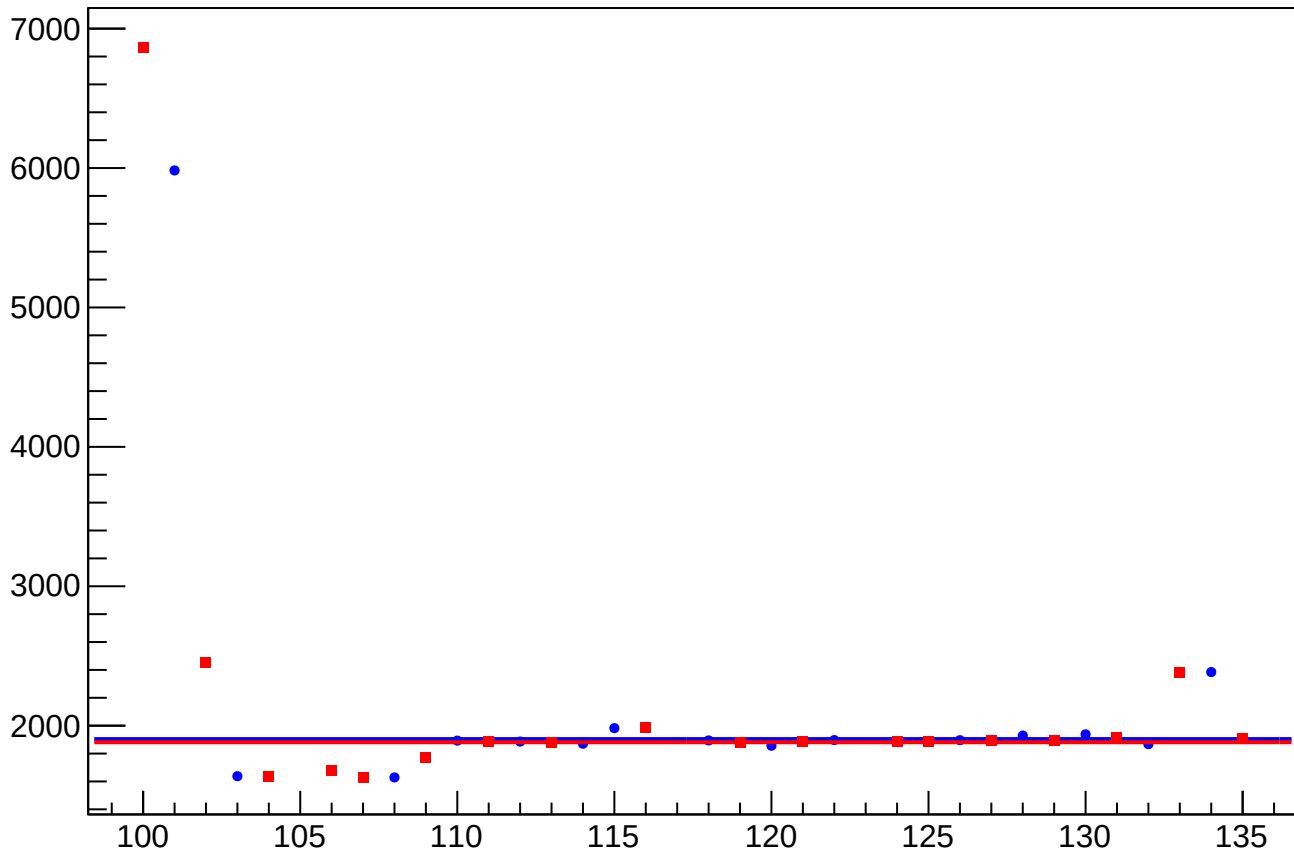
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -700.312 $\pm$ 525.709 χ^2 /NDF: 23.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr_dd_rms vs Slug



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.393+/-0.504 χ^2/NDF : 216543.8/17

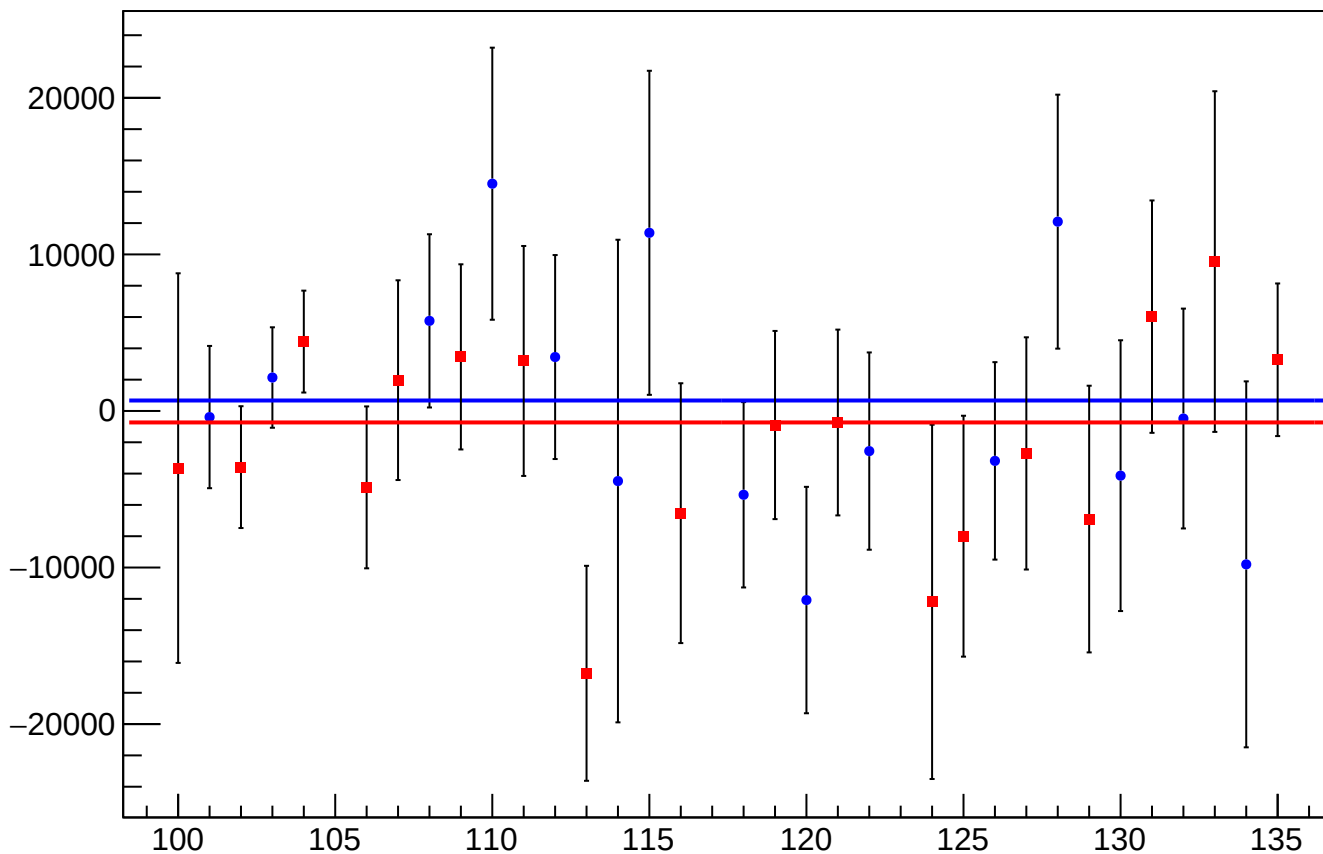
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.684+/-0.371 χ^2/NDF : 914329.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_cor_correction_mean vs Slug



Right In: 668.746 $\pm$ 1616.323 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -732.747 $\pm$ 1423.819 χ^2 /NDF: 15.6/17

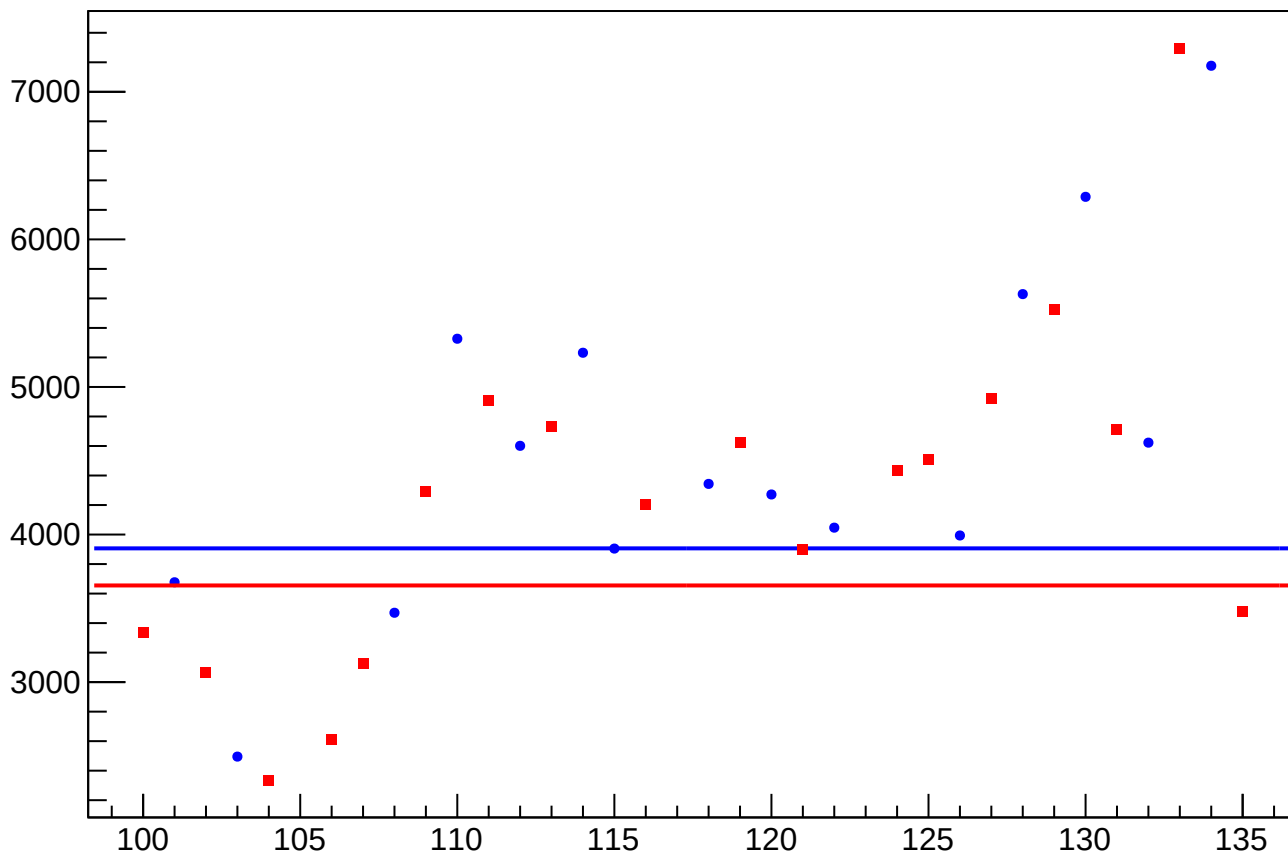
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -120.390 $\pm$ 1068.403 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_cor_correction_rms vs Slug



Right In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

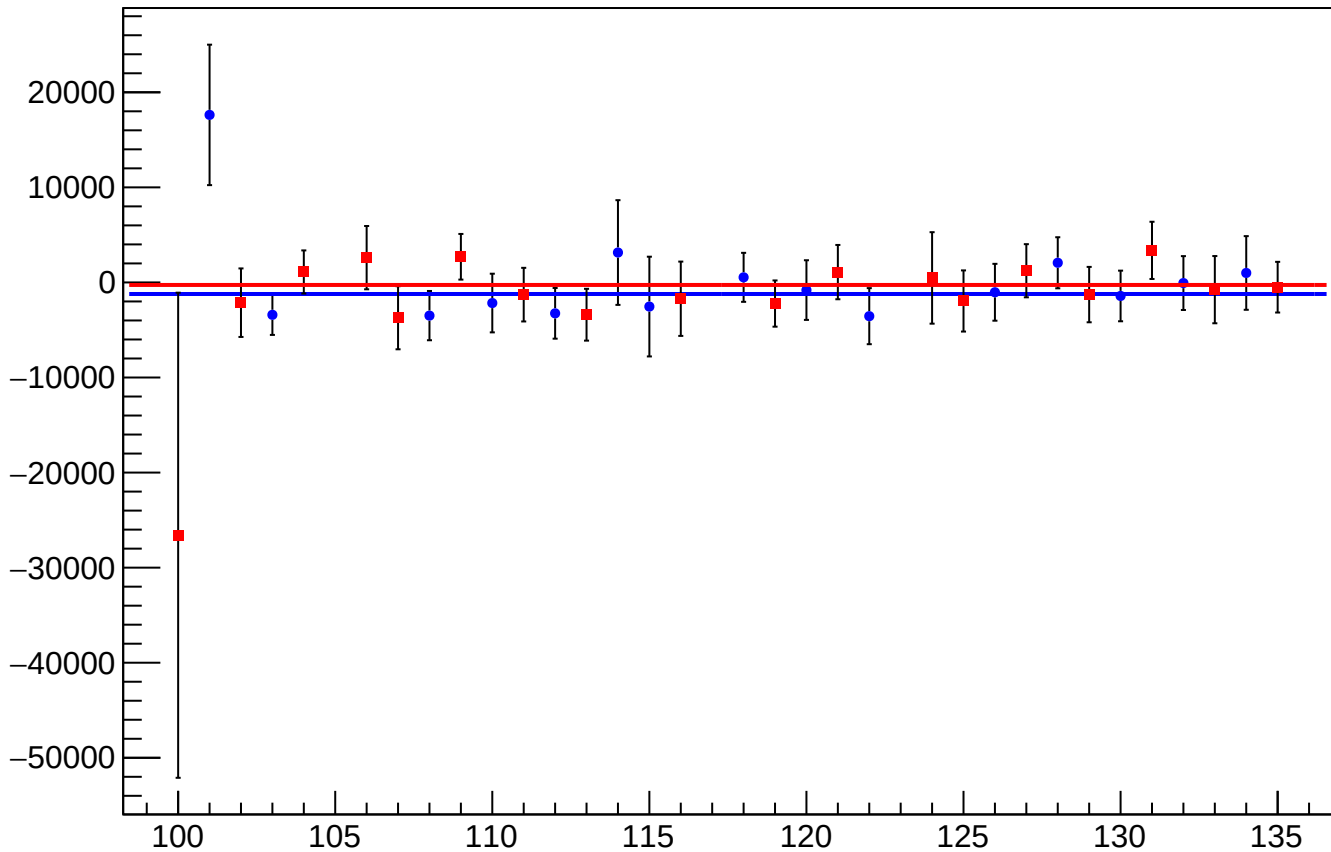
Right Out: 3655.009+/-1.007 χ^2/NDF : 1122502.4/17

All: 3764.837+/-0.755 χ^2/NDF : 2081799.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr_dd_mean vs Slug



Right In: -1216.036 $\pm$ 776.996 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -264.907 $\pm$ 713.932 χ^2 /NDF: 9.7/17

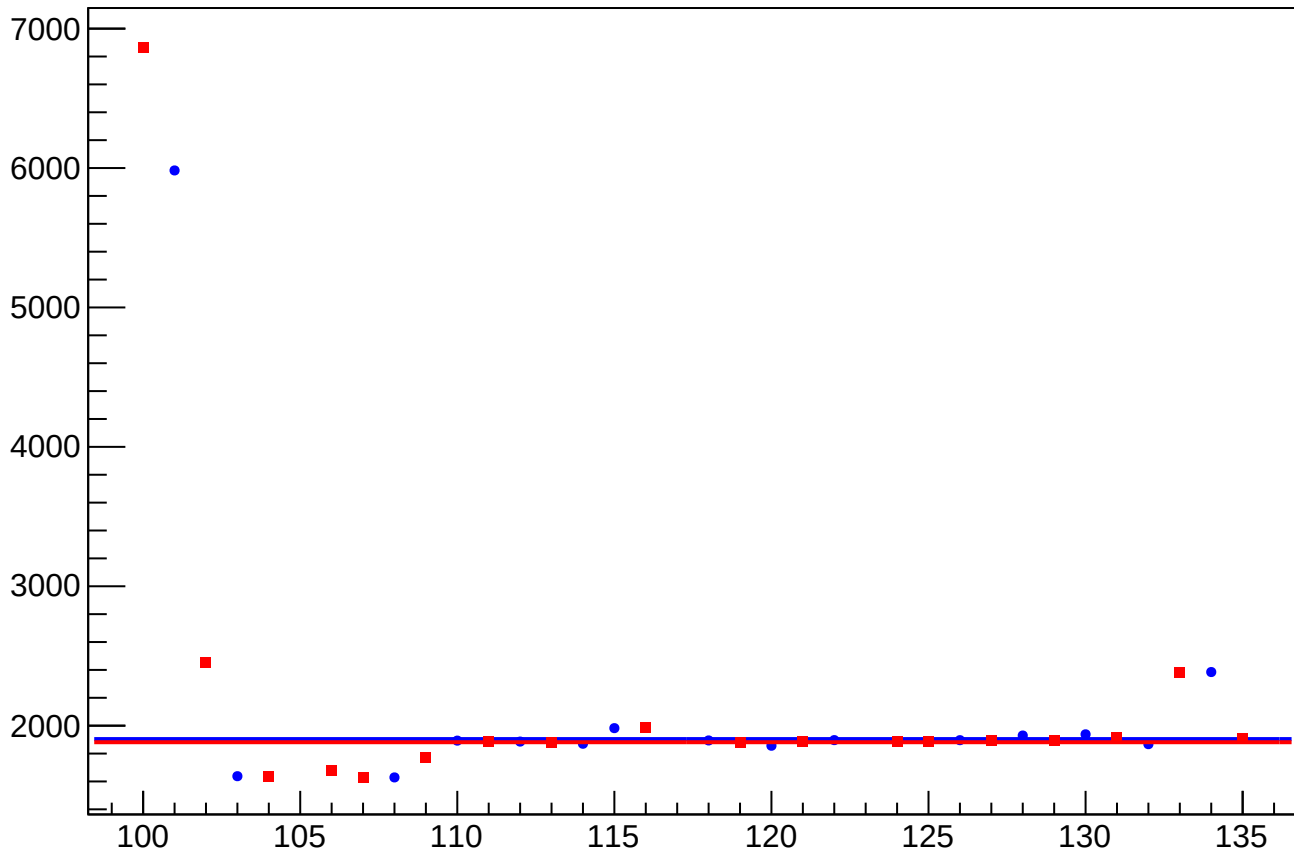
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -700.312 $\pm$ 525.709 χ^2 /NDF: 23.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr_dd_rms vs Slug



Right In: 1903.913+/-0.549 χ^2/NDF : 696873.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1881.393+/-0.504 χ^2/NDF : 216543.8/17

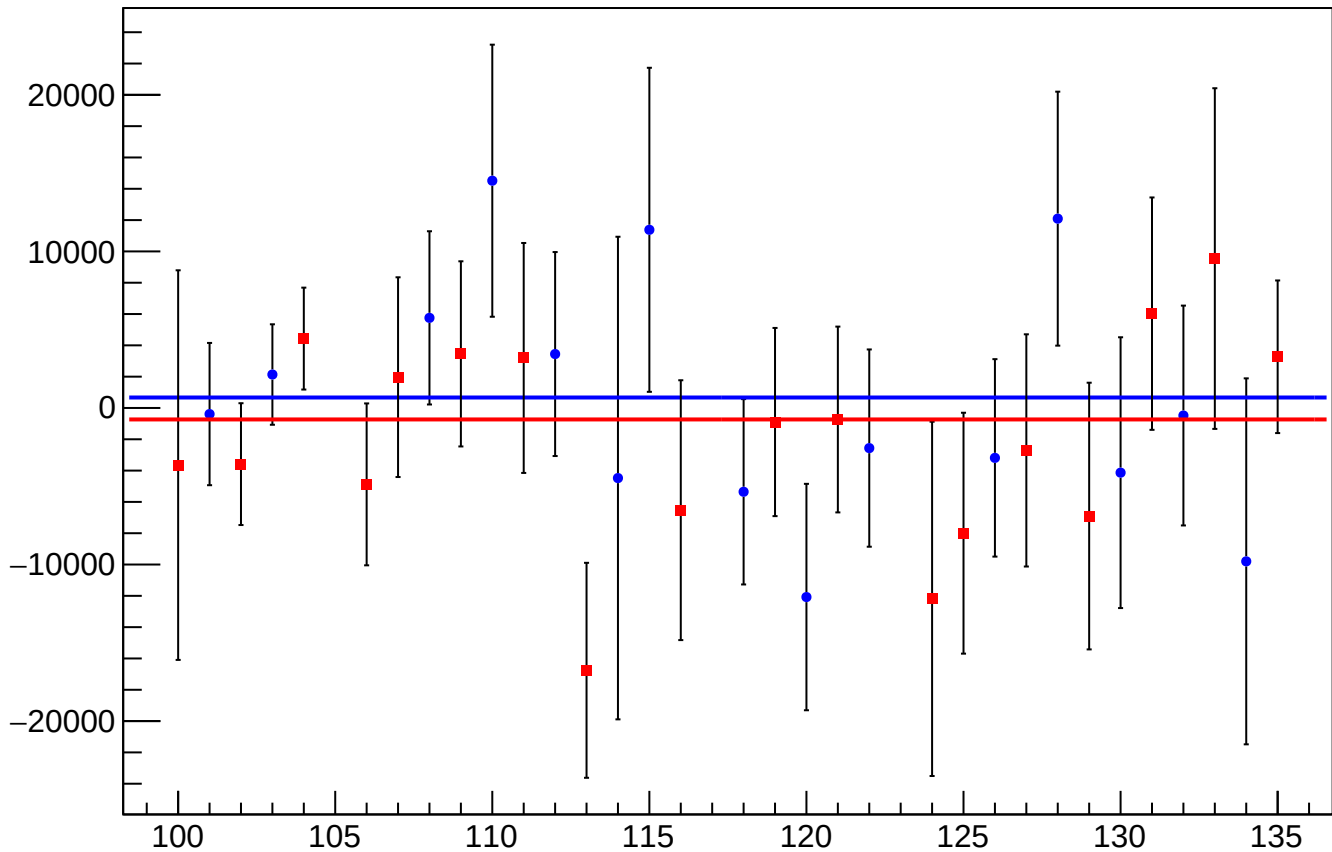
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1891.684+/-0.371 χ^2/NDF : 914329.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_correction_mean vs Slug



Right In: 668.746 $\pm$ 1616.323 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -732.747 $\pm$ 1423.819 χ^2 /NDF: 15.6/17

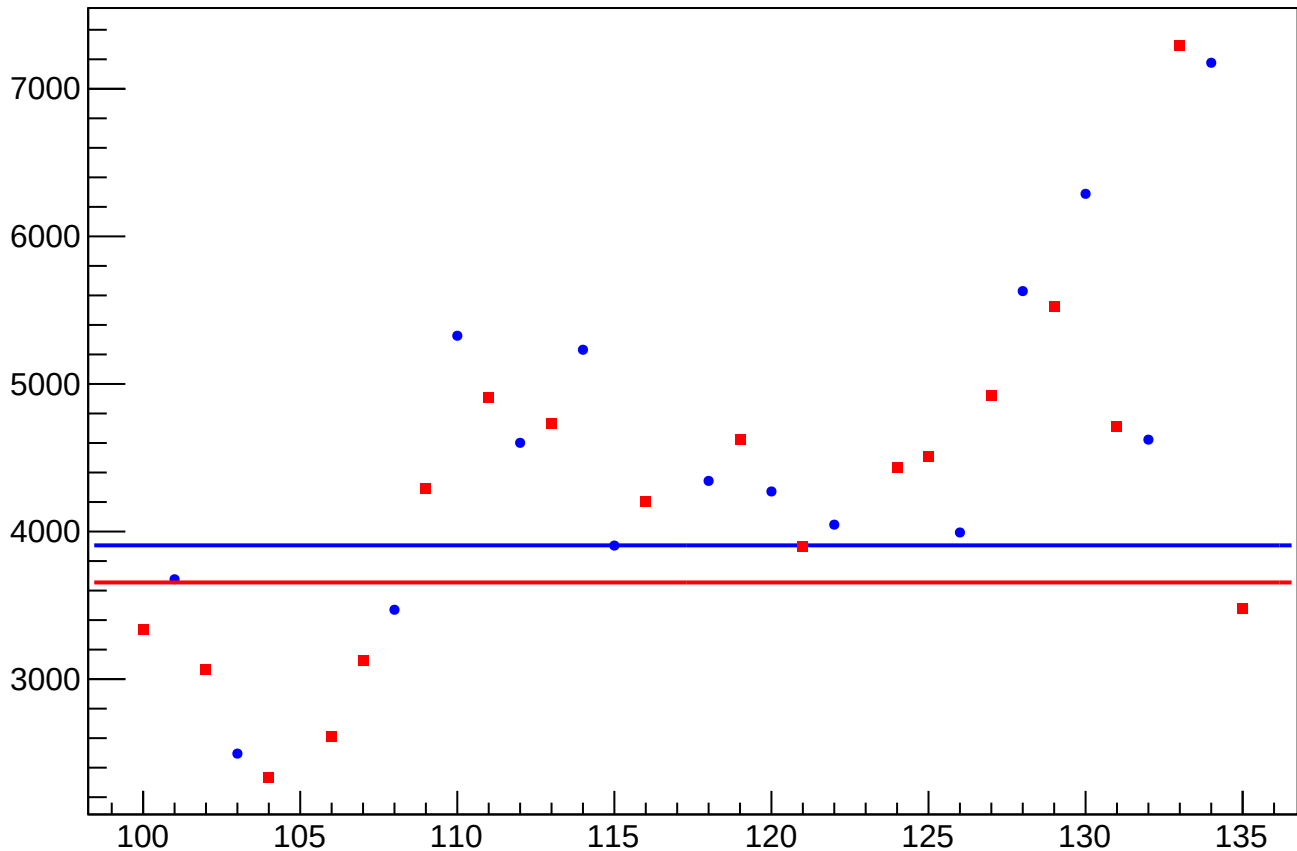
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -120.390 $\pm$ 1068.403 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_correction_rms vs Slug



Right In: 3906.371+/-1.143 χ^2/NDF : 932062.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

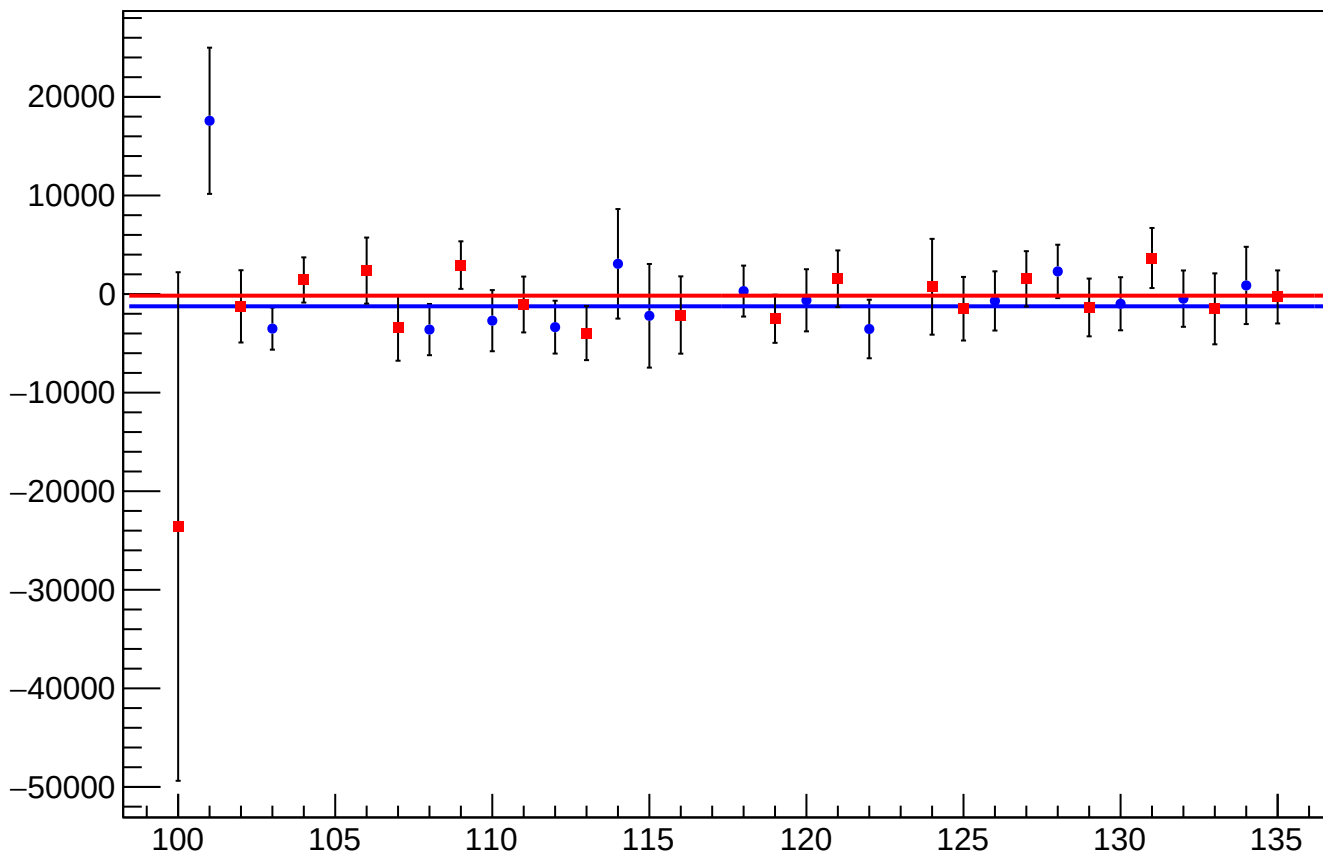
Right Out: 3655.009+/-1.007 χ^2/NDF : 1122502.4/17

All: 3764.837+/-0.755 χ^2/NDF : 2081799.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_mean vs Slug



Right In: -1242.753+/-782.474 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.328+/-719.182 χ^2/NDF : 10.6/17

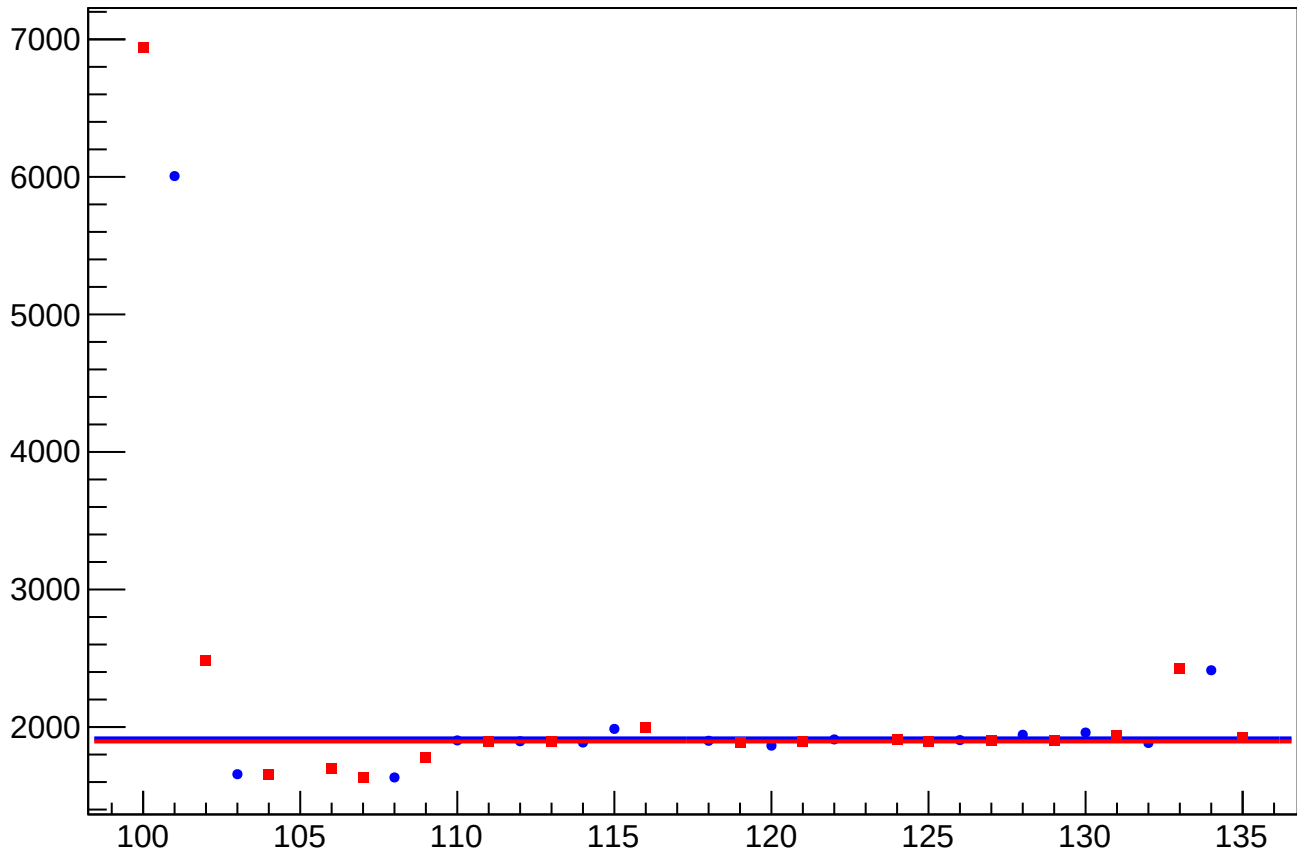
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -657.625+/-529.503 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr_dd_rms vs Slug



Right In: 1917.423+/-0.553 χ^2/NDF : 695598.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

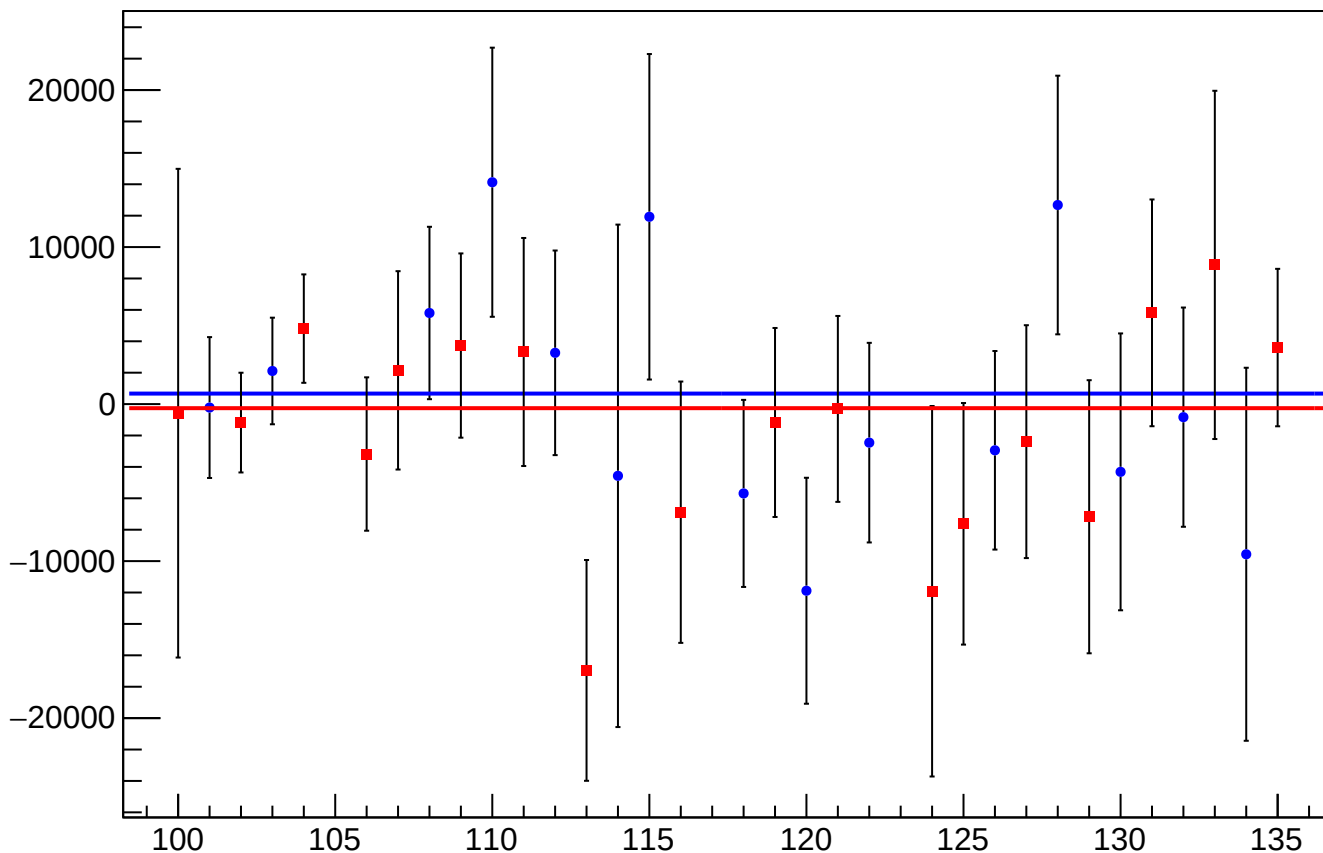
Right Out: 1894.928+/-0.508 χ^2/NDF : 219777.8/17

All: 1905.217+/-0.374 χ^2/NDF : 916273.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_mean vs Slug



Right In: 669.278+/-1638.397 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -259.908+/-1392.724 χ^2/NDF : 14.3/17

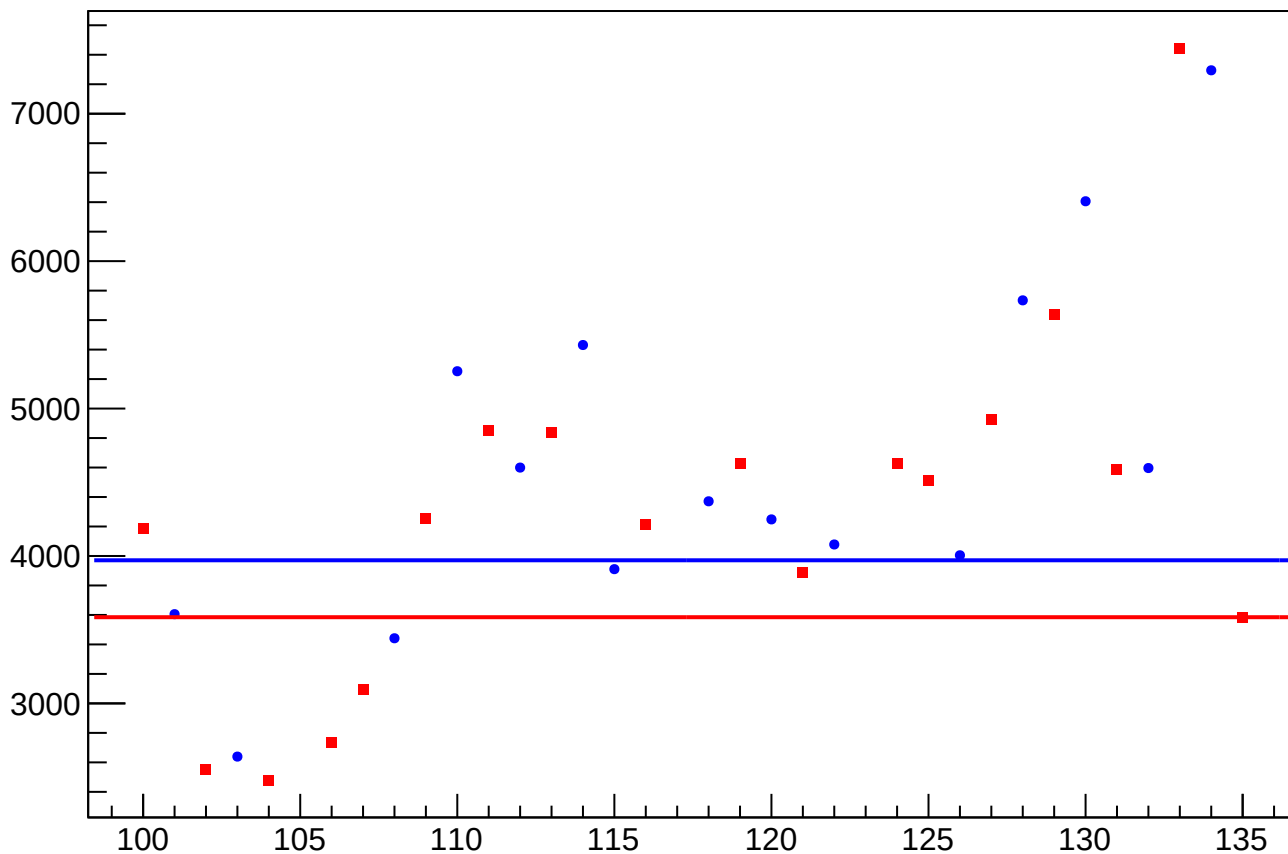
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.866+/-1061.144 χ^2/NDF : 27.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_correction_rms vs Slug



Right In: 3970.815+/-1.159 χ^2/NDF : 849337.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

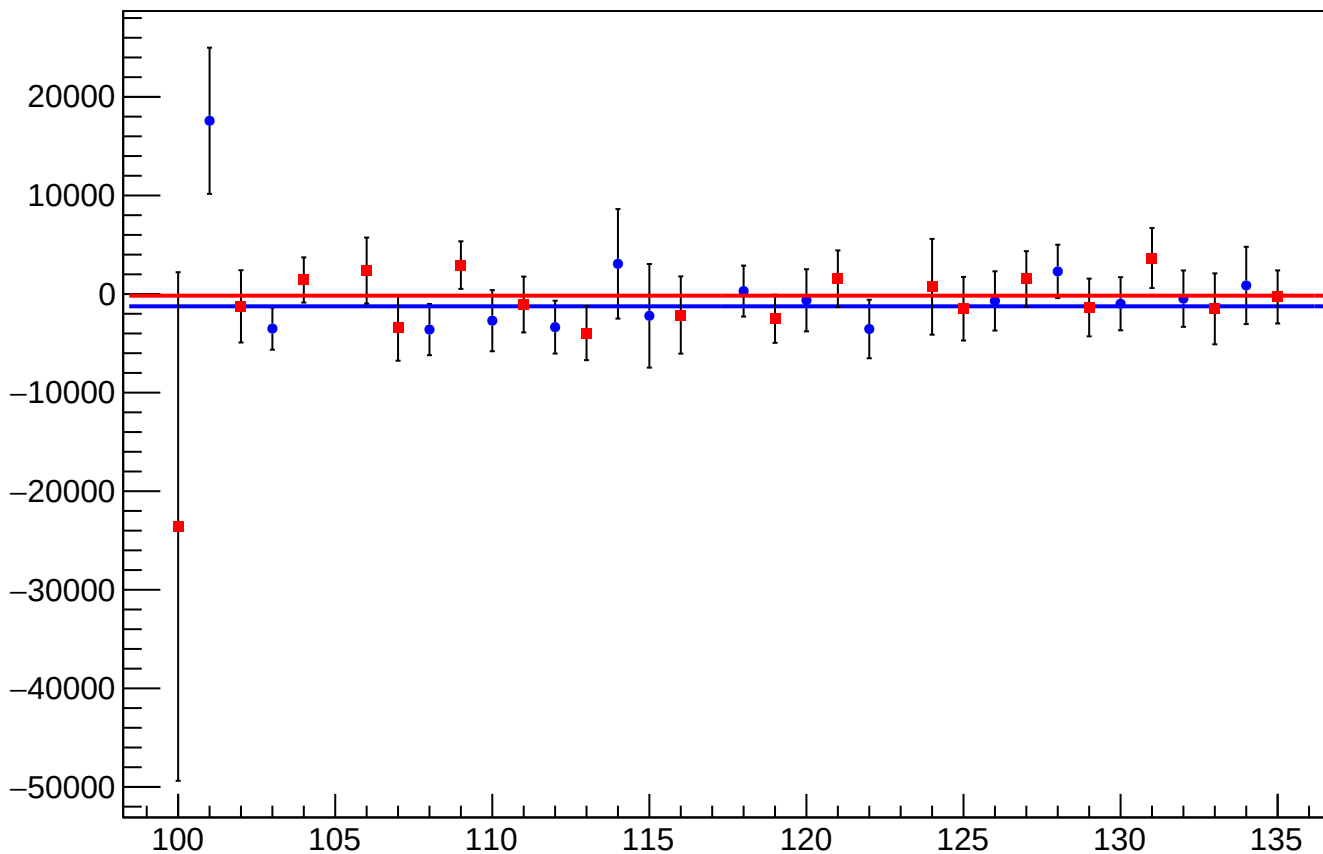
Right Out: 3584.701+/-0.985 χ^2/NDF : 1221573.5/17

All: 3746.667+/-0.750 χ^2/NDF : 2135393.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_mean vs Slug



Right In: -1242.752+/-782.474 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -163.321+/-719.182 χ^2/NDF : 10.6/17

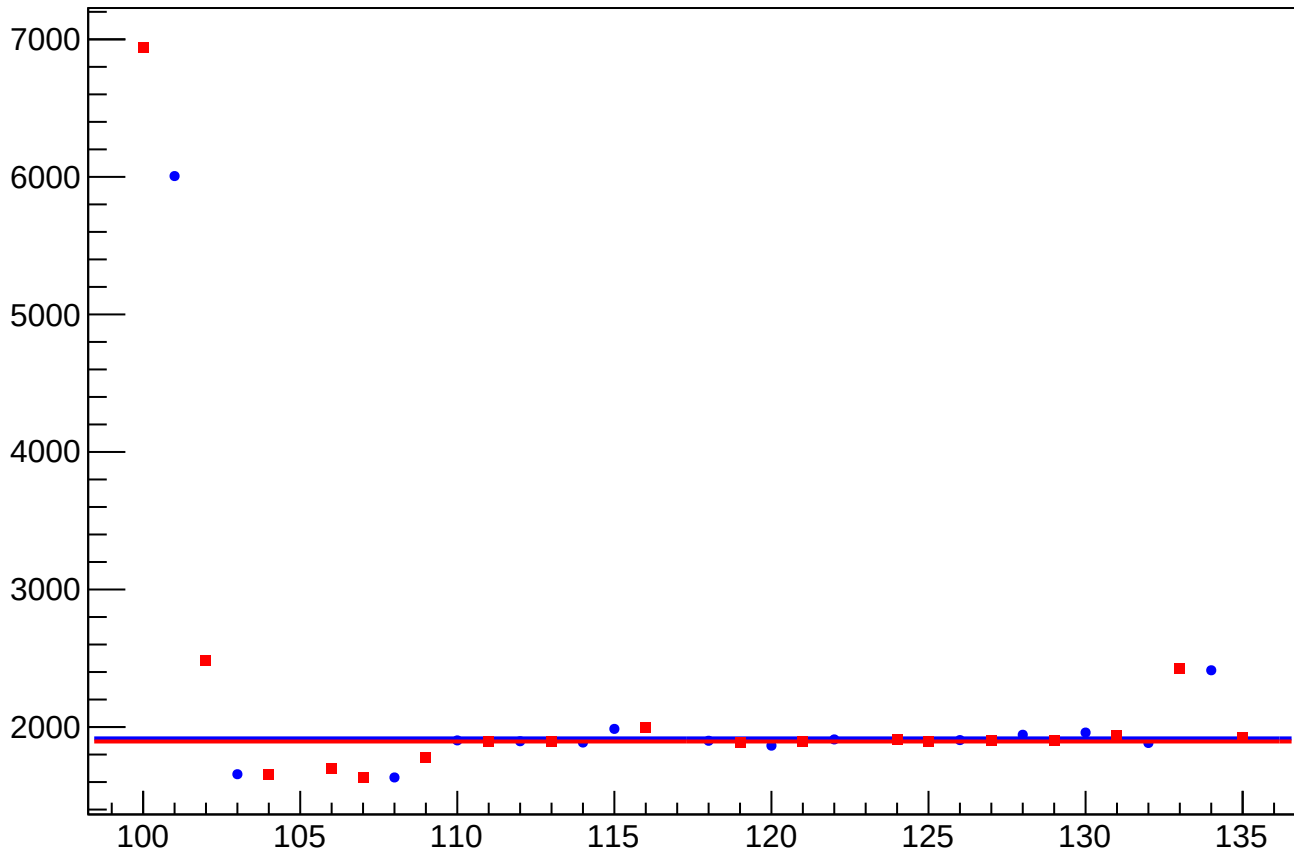
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -657.622+/-529.503 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr_dd_rms vs Slug



Right In: 1917.422+/-0.553 χ^2/NDF : 695598.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

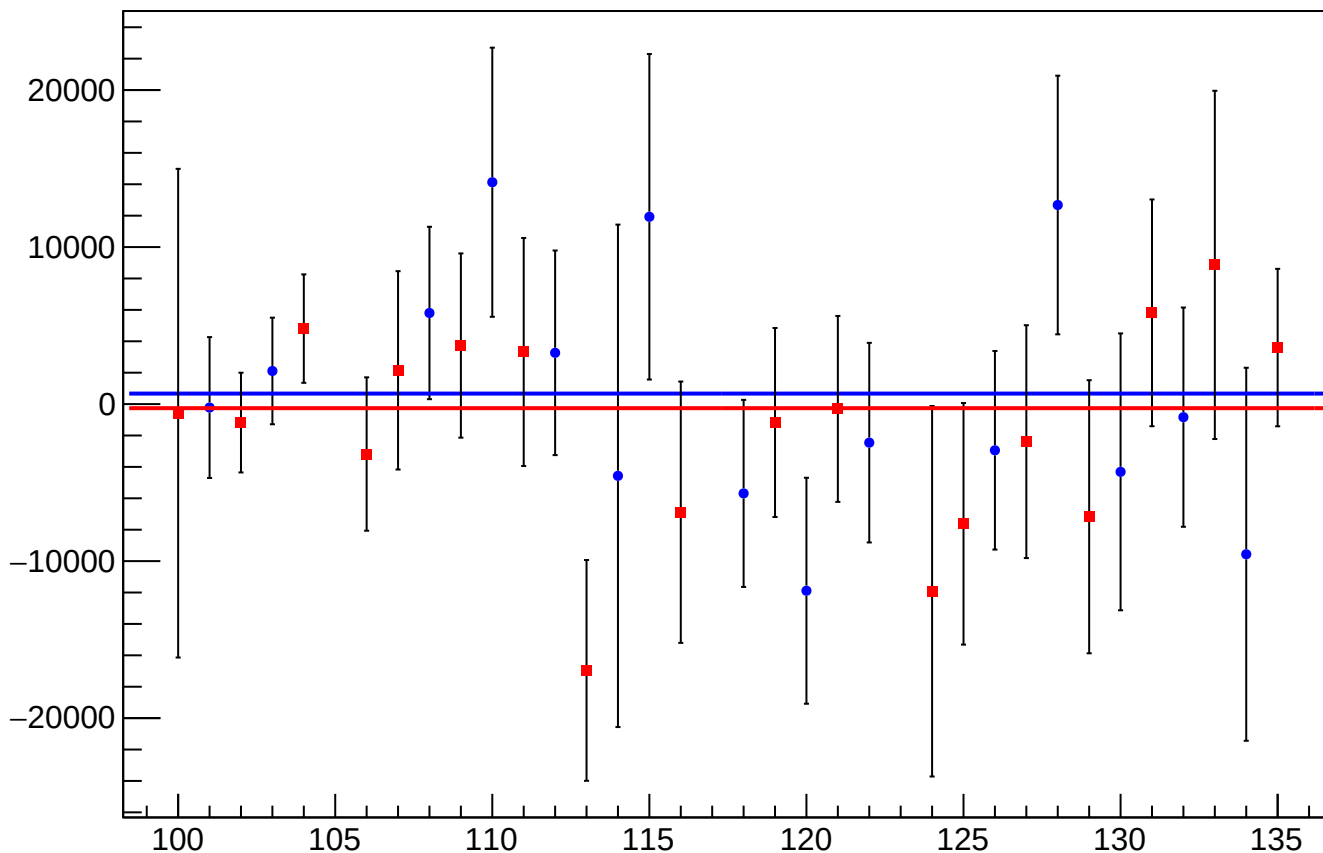
Right Out: 1894.928+/-0.508 χ^2/NDF : 219777.8/17

All: 1905.217+/-0.374 χ^2/NDF : 916273.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_mean vs Slug



Right In: 669.275+/-1638.394 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -259.909+/-1392.722 χ^2/NDF : 14.3/17

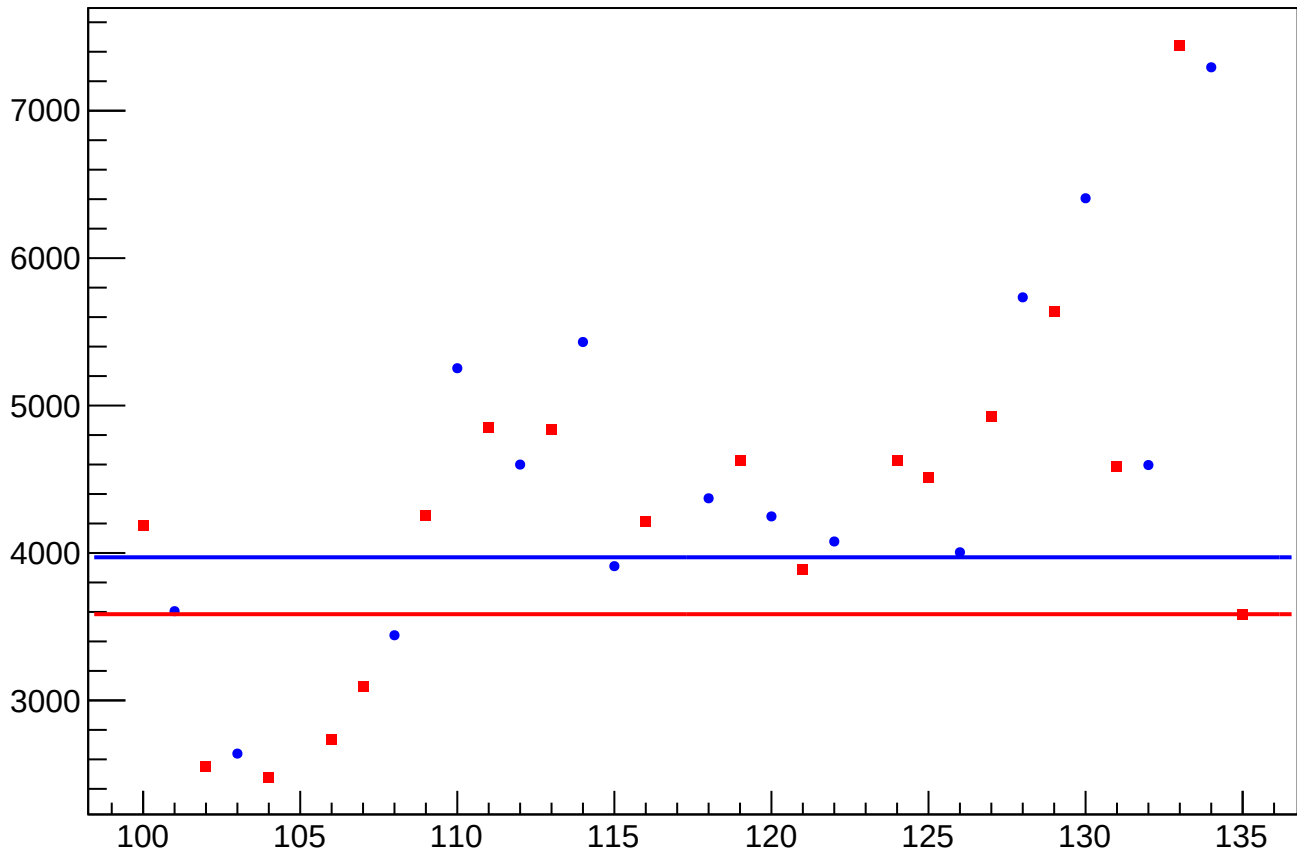
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.865+/-1061.142 χ^2/NDF : 27.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_correction_rms vs Slug



Right In: 3970.809+/-1.159 χ^2/NDF : 849330.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

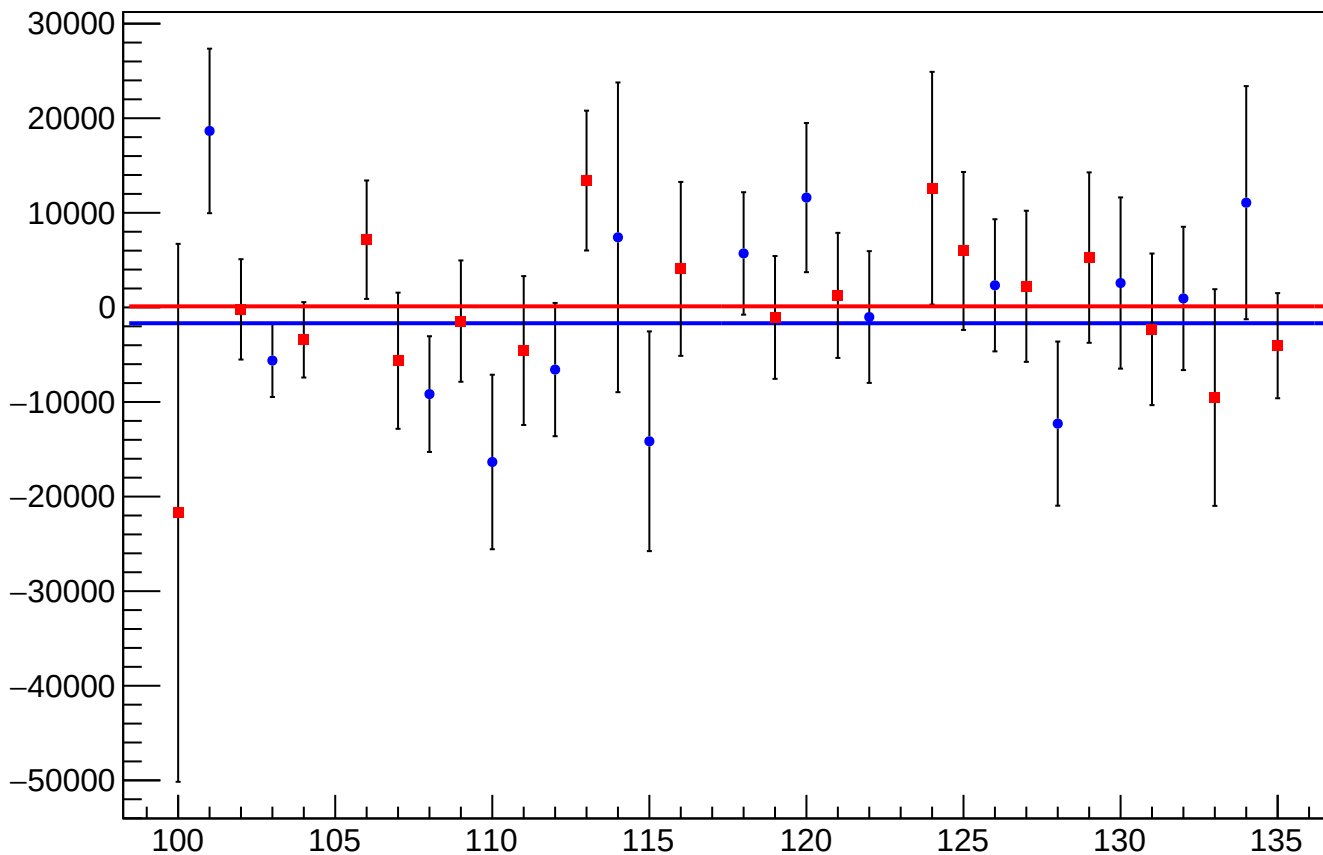
Right Out: 3584.697+/-0.985 χ^2/NDF : 1221565.0/17

All: 3746.663+/-0.750 χ^2/NDF : 2135377.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_mean vs Slug



Right In: -1673.847 ± 1887.326 χ^2/NDF : 19.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 112.625 ± 1652.277 χ^2/NDF : 10.5/17

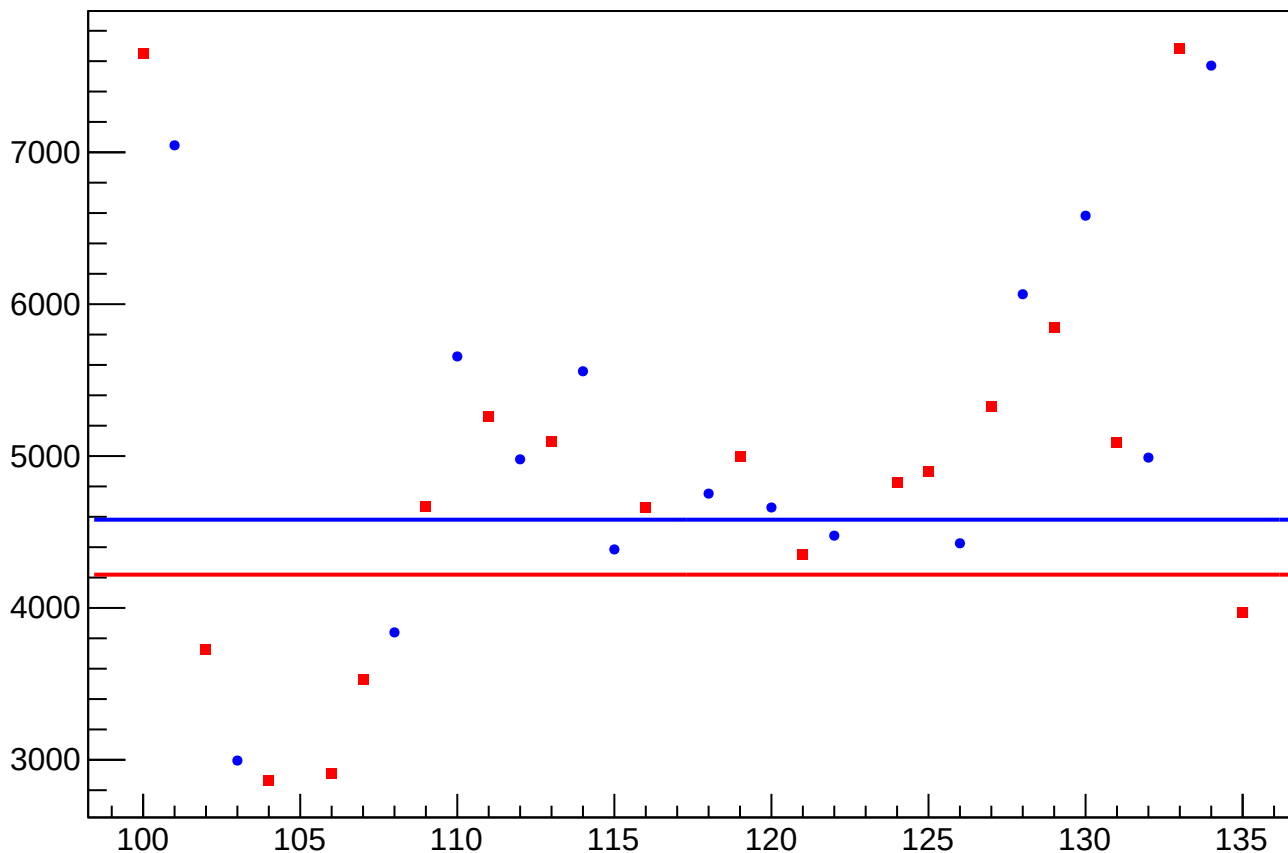
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -662.500 ± 1243.182 χ^2/NDF : 30.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_rms vs Slug



Right In: 4581.091+/-1.335 χ^2/NDF : 852244.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4219.212+/-1.158 χ^2/NDF : 843306.6/17

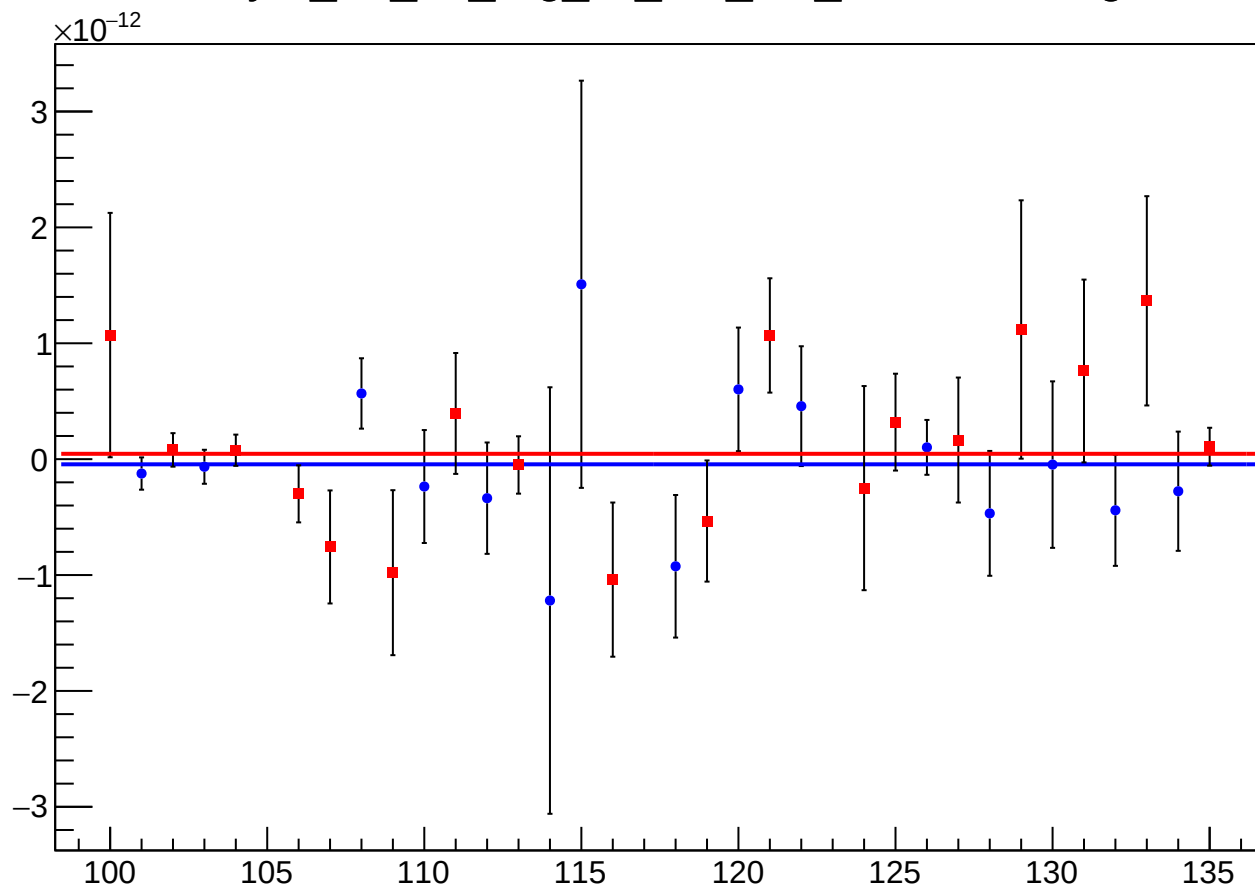
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4374.718+/-0.875 χ^2/NDF : 1737484.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 21.2/17

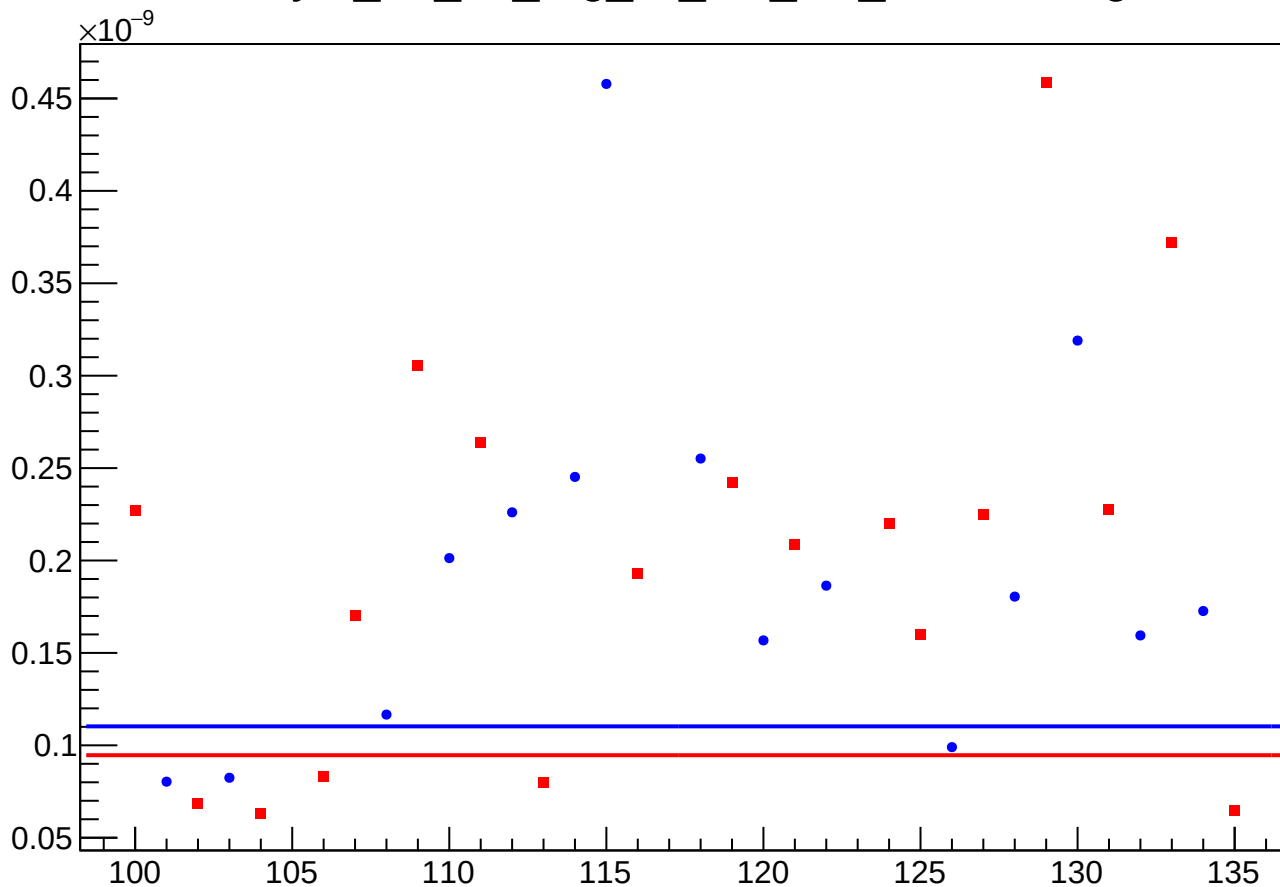
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 34.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 867370.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1694041.3/17

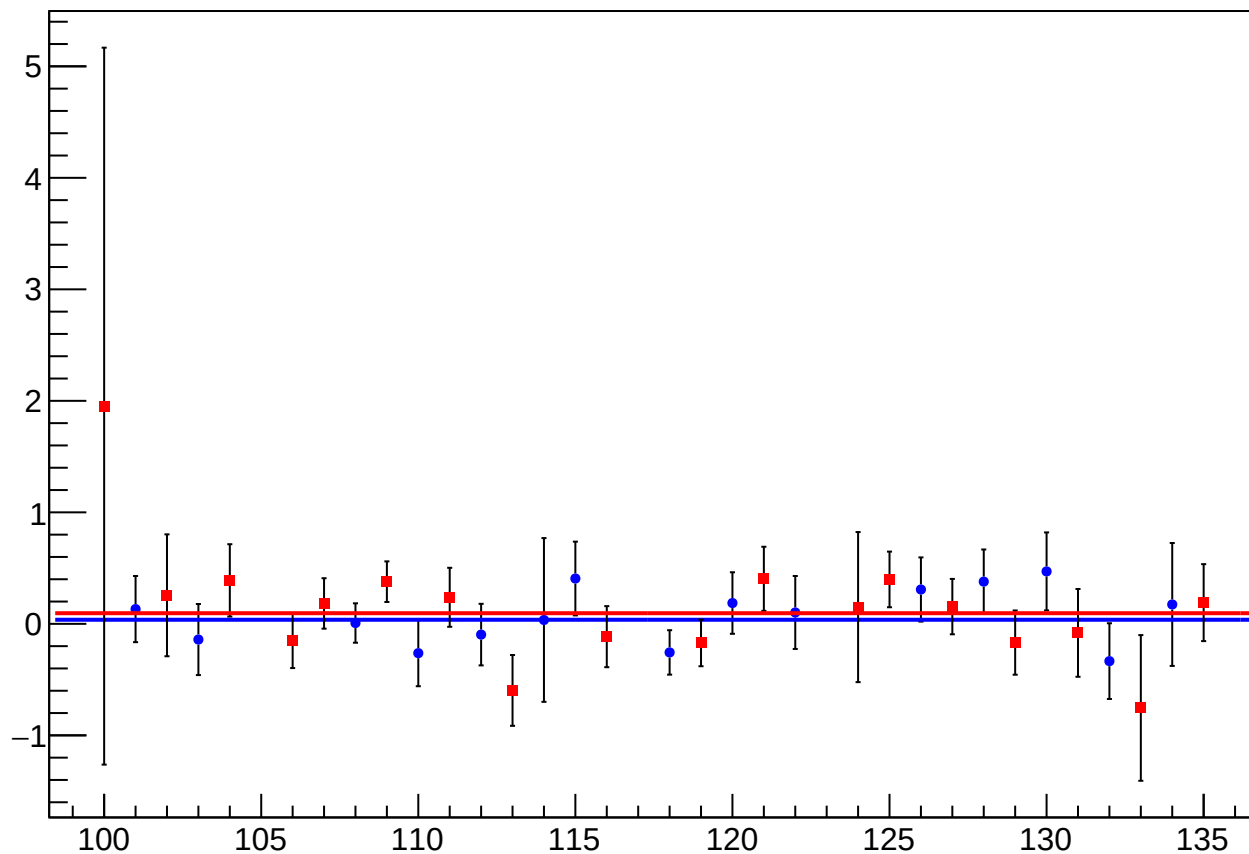
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2605344.5/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atr_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

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

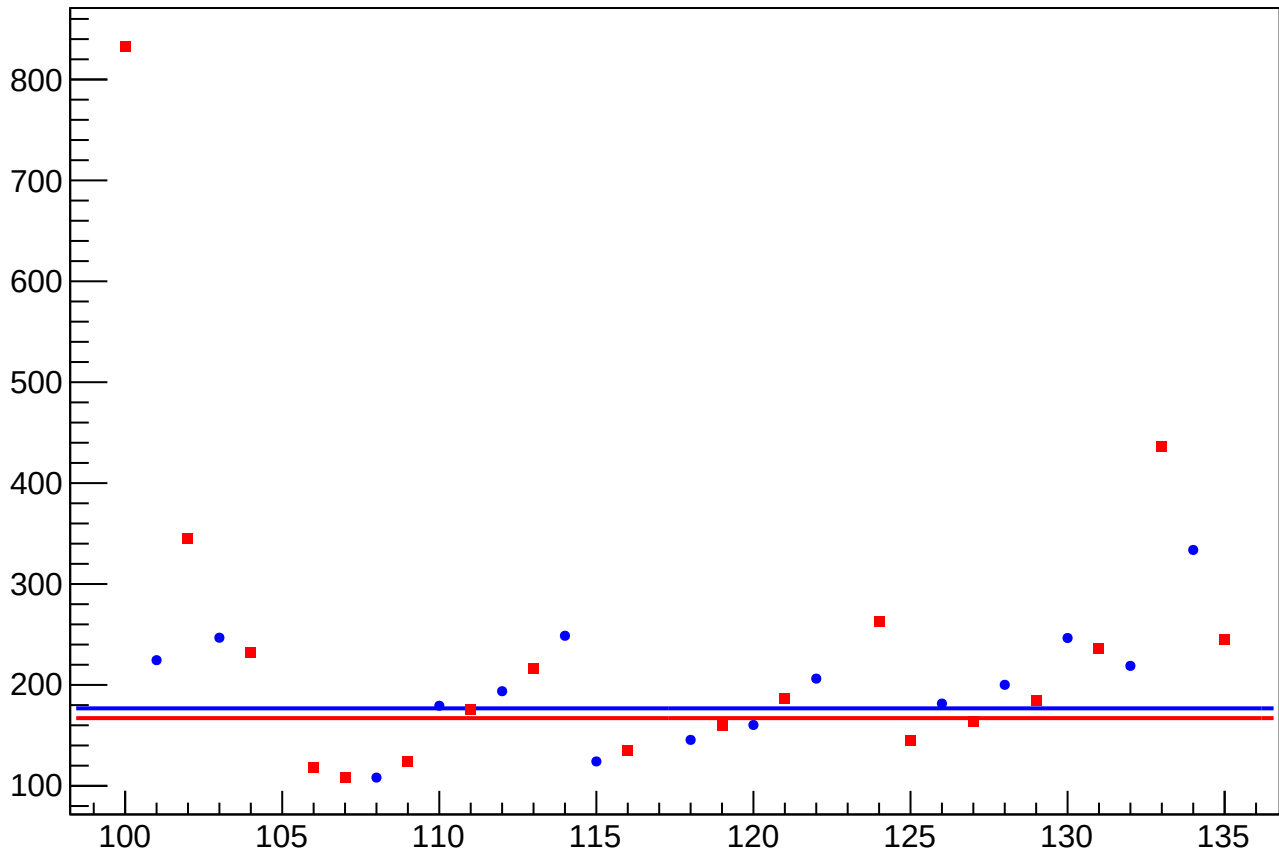
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.050 χ^2 /NDF: 28.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_cor_diff_rms vs Slug



Right In: 176.794 $\pm$ 0.053 χ^2 /NDF: 886057.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

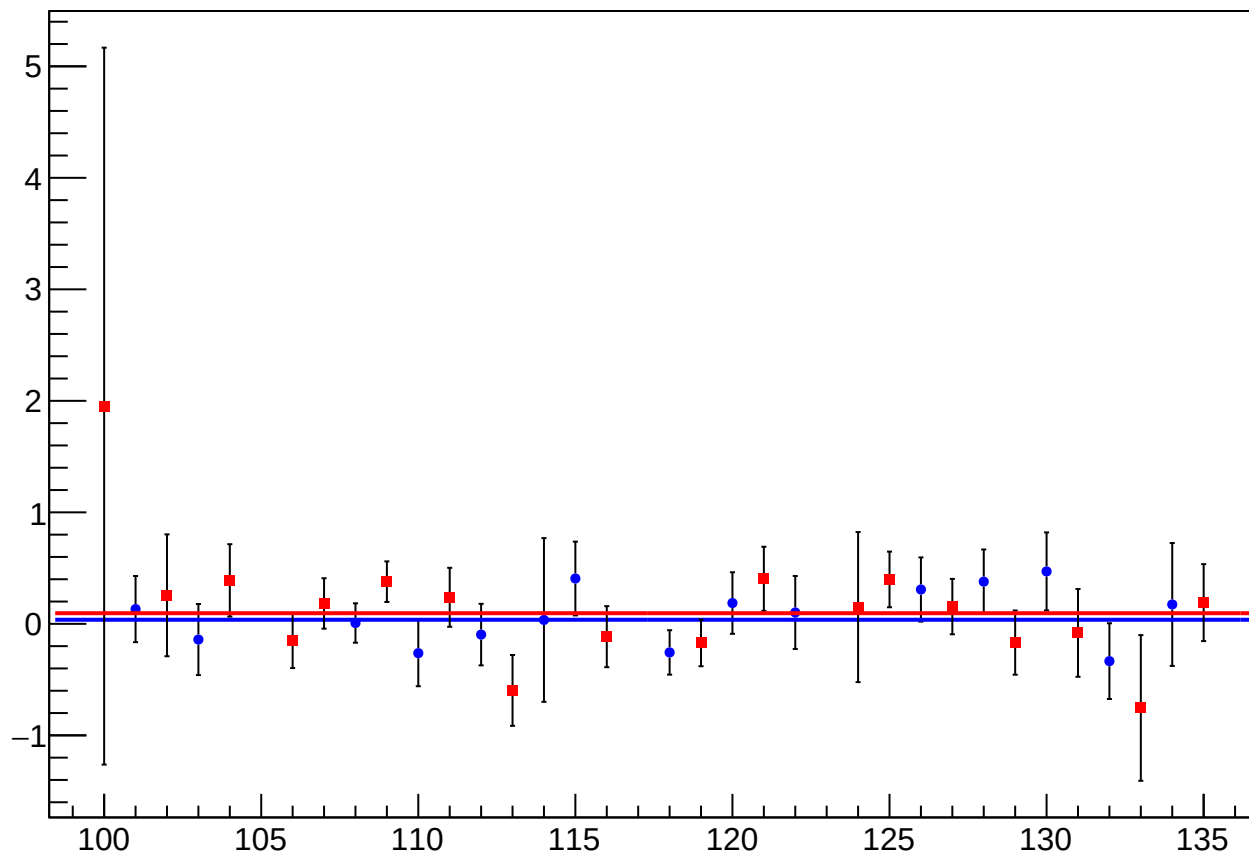
Right Out: 167.095 $\pm$ 0.048 χ^2 /NDF: 1358847.7/17

All: 171.515 $\pm$ 0.036 χ^2 /NDF: 2263404.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

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

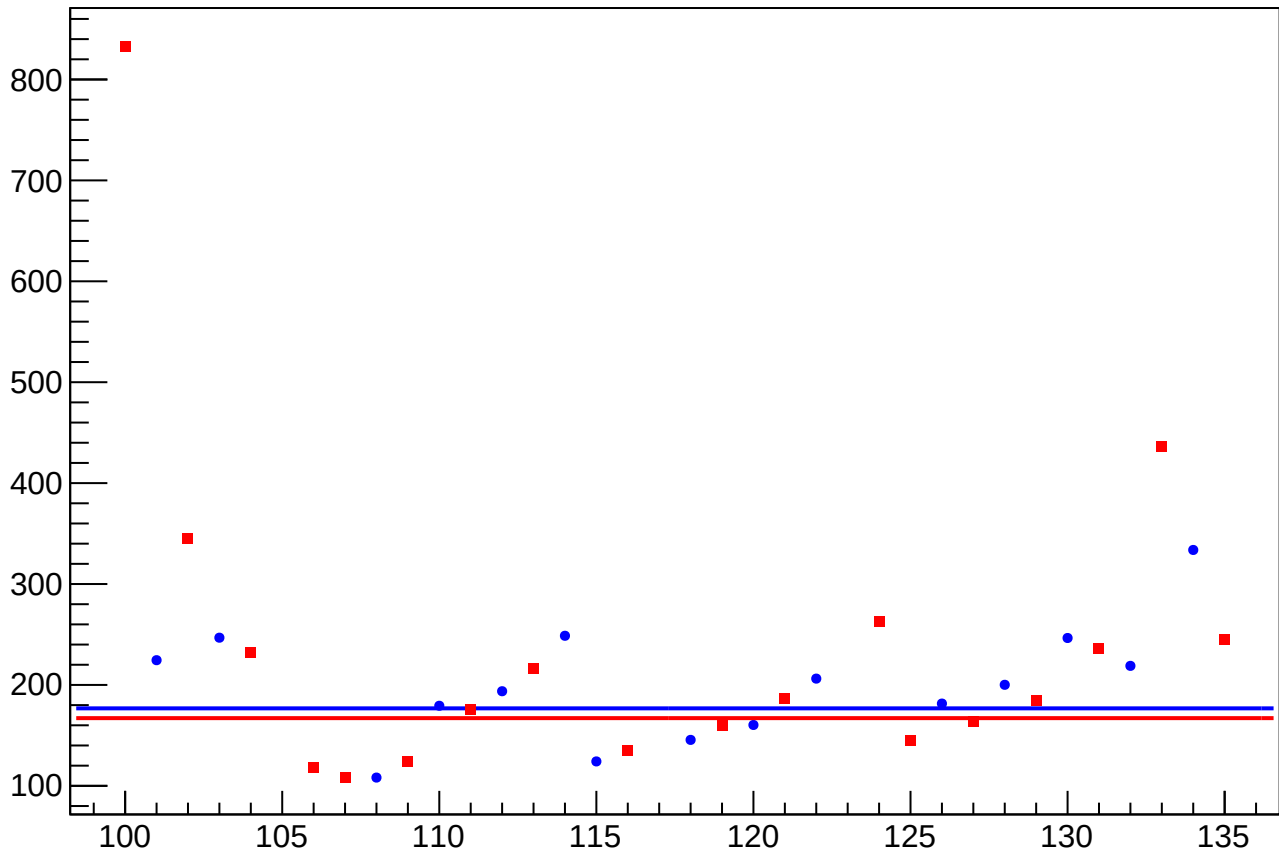
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.050 χ^2 /NDF: 28.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 176.794 $\pm$ 0.053 χ^2 /NDF: 886057.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

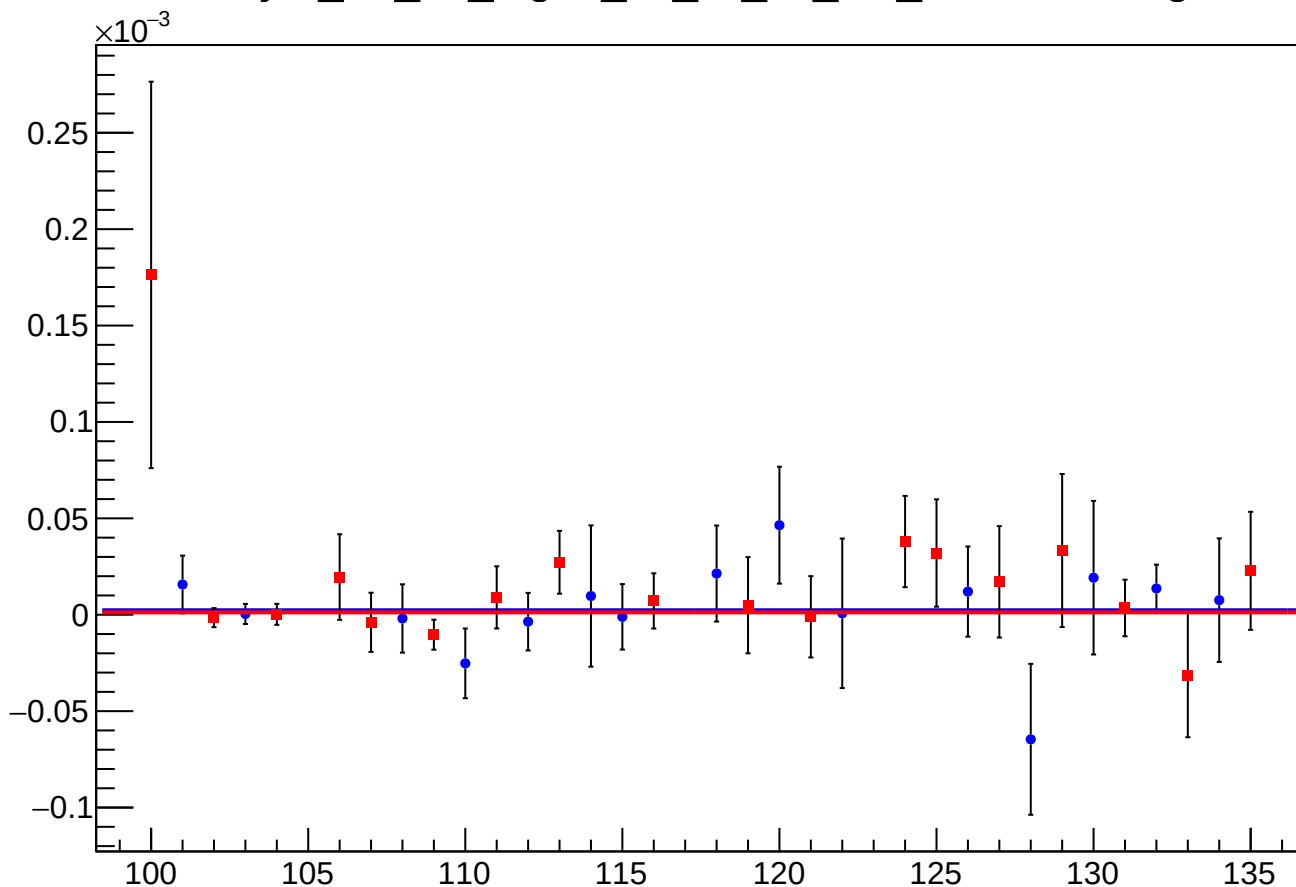
Right Out: 167.095 $\pm$ 0.048 χ^2 /NDF: 1358847.7/17

All: 171.515 $\pm$ 0.036 χ^2 /NDF: 2263404.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/17

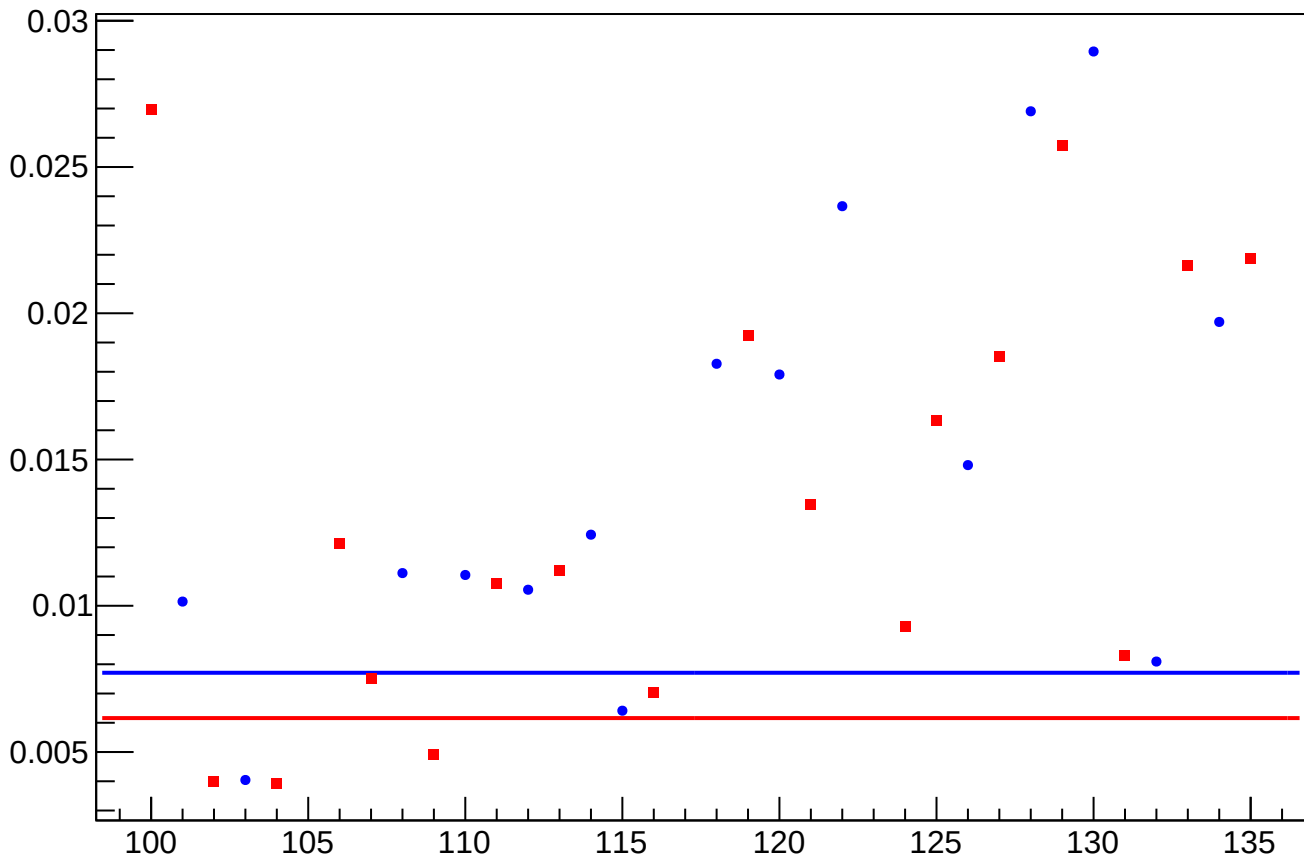
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 3747077.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 4365054.3/17

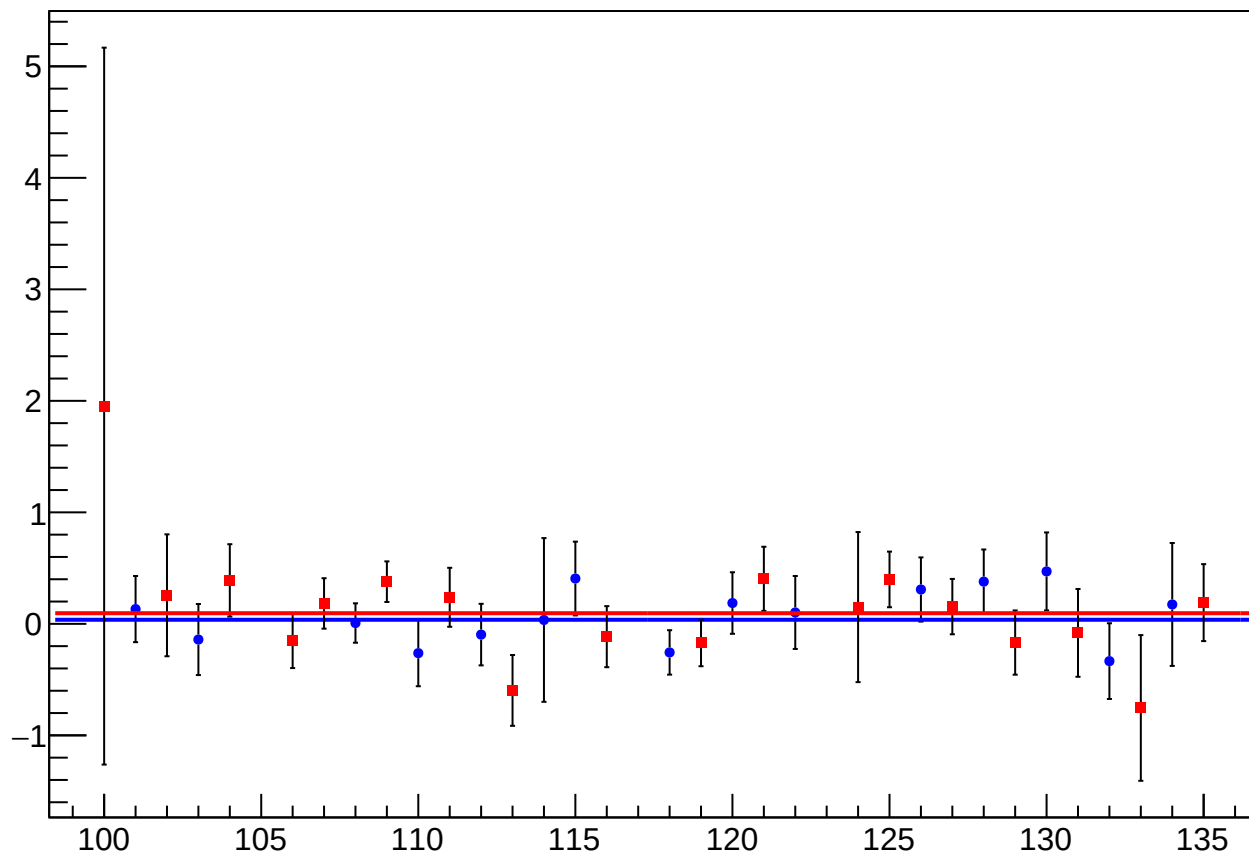
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 8328802.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

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

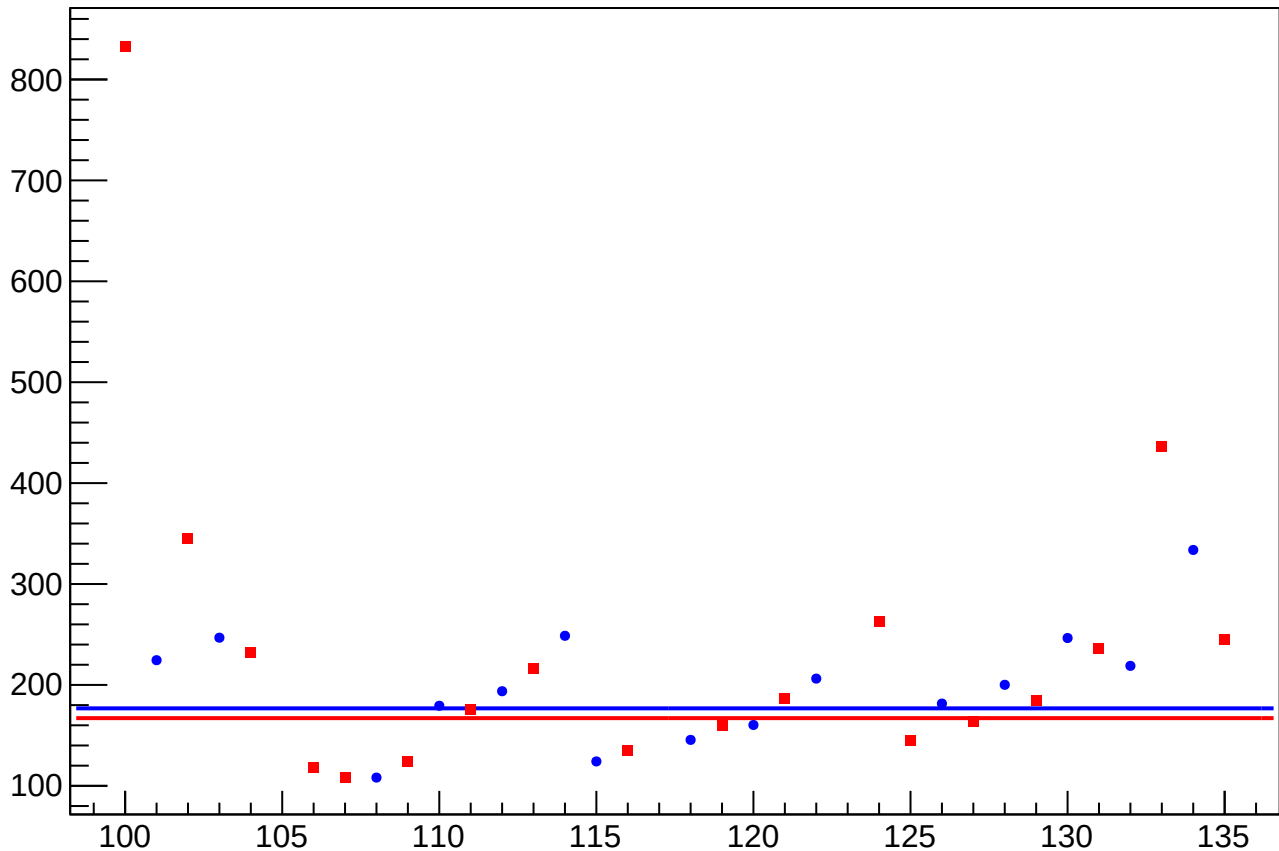
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.050 χ^2 /NDF: 28.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 176.791 $\pm$ 0.053 χ^2 /NDF: 886089.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.094 $\pm$ 0.048 χ^2 /NDF: 1358840.7/17

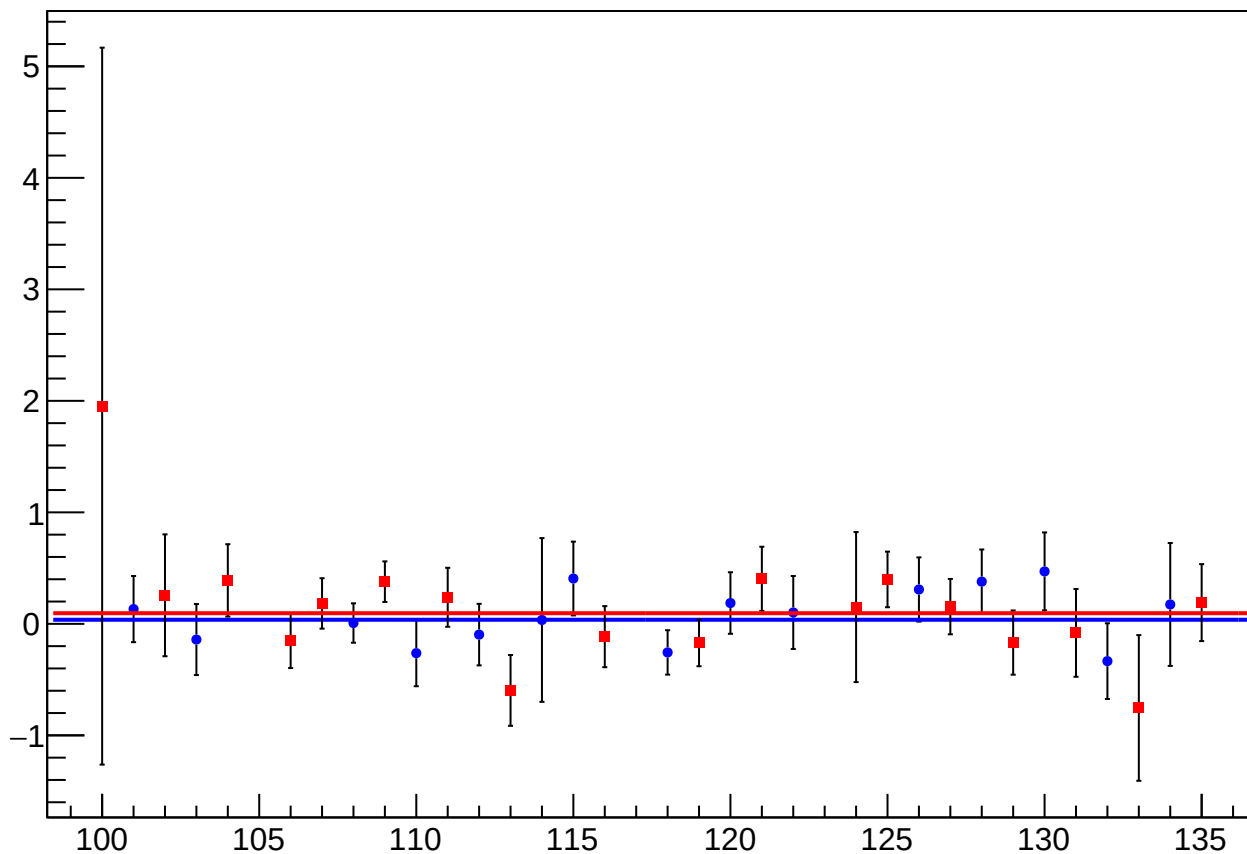
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.513 $\pm$ 0.036 χ^2 /NDF: 2263417.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.037 $\pm$ 0.074 χ^2 /NDF: 10.5/14

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

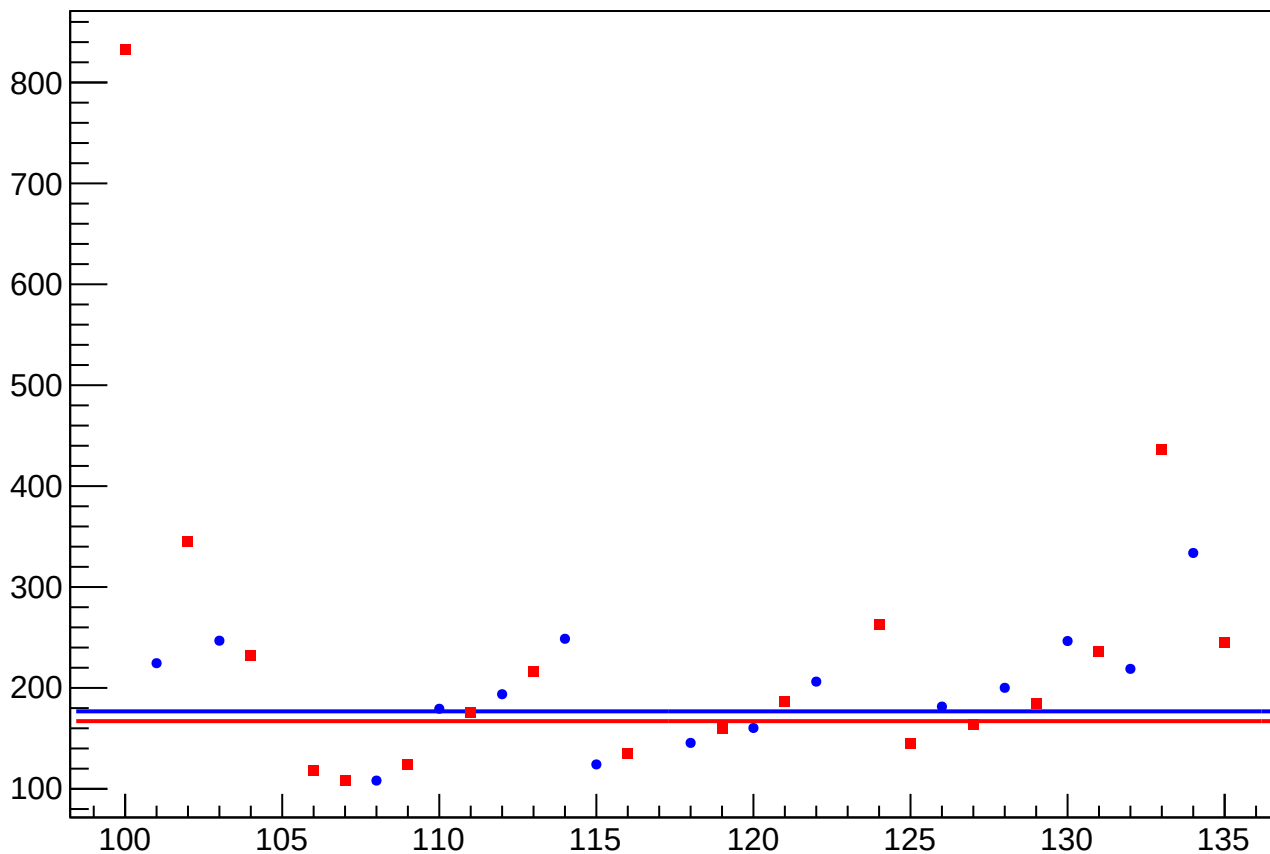
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.069 $\pm$ 0.050 χ^2 /NDF: 28.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 176.791 $\pm$ 0.053 χ^2 /NDF: 886089.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.094 $\pm$ 0.048 χ^2 /NDF: 1358840.7/17

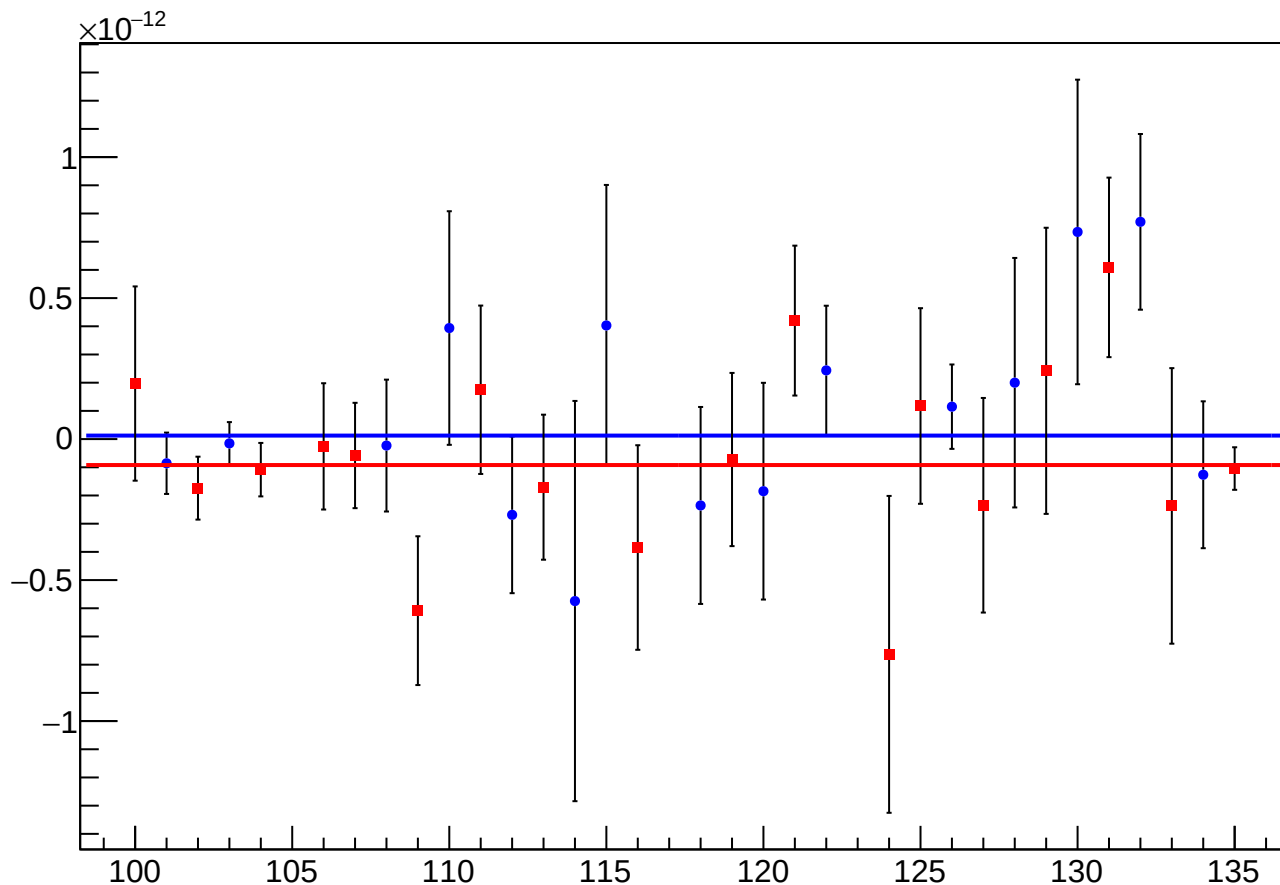
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.513 $\pm$ 0.036 χ^2 /NDF: 2263417.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 17.8/17

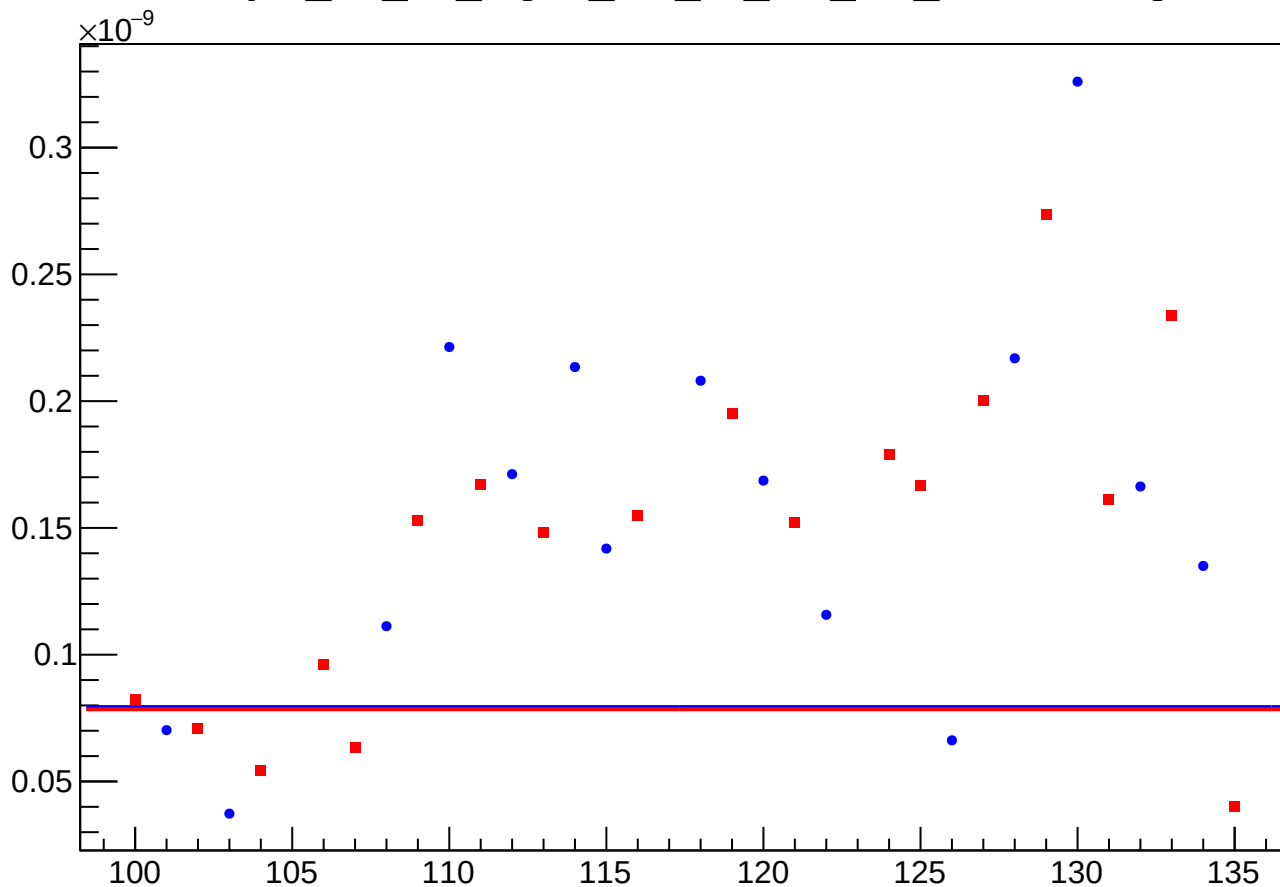
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 34.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2532013.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2729956.6/17

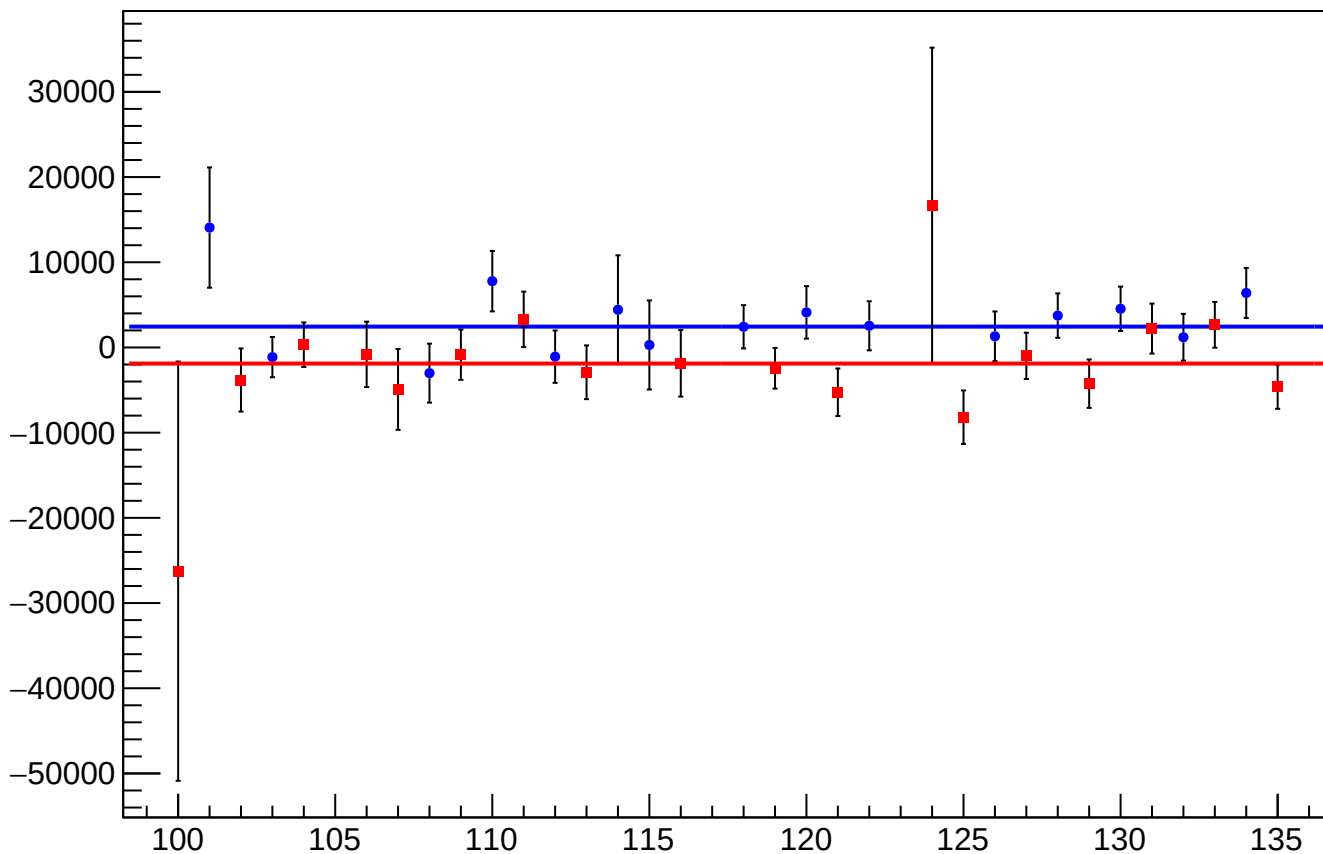
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5262322.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_mean vs Slug



Right In: 2445.978+/-797.798 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1889.995+/-749.457 χ^2/NDF : 18.5/17

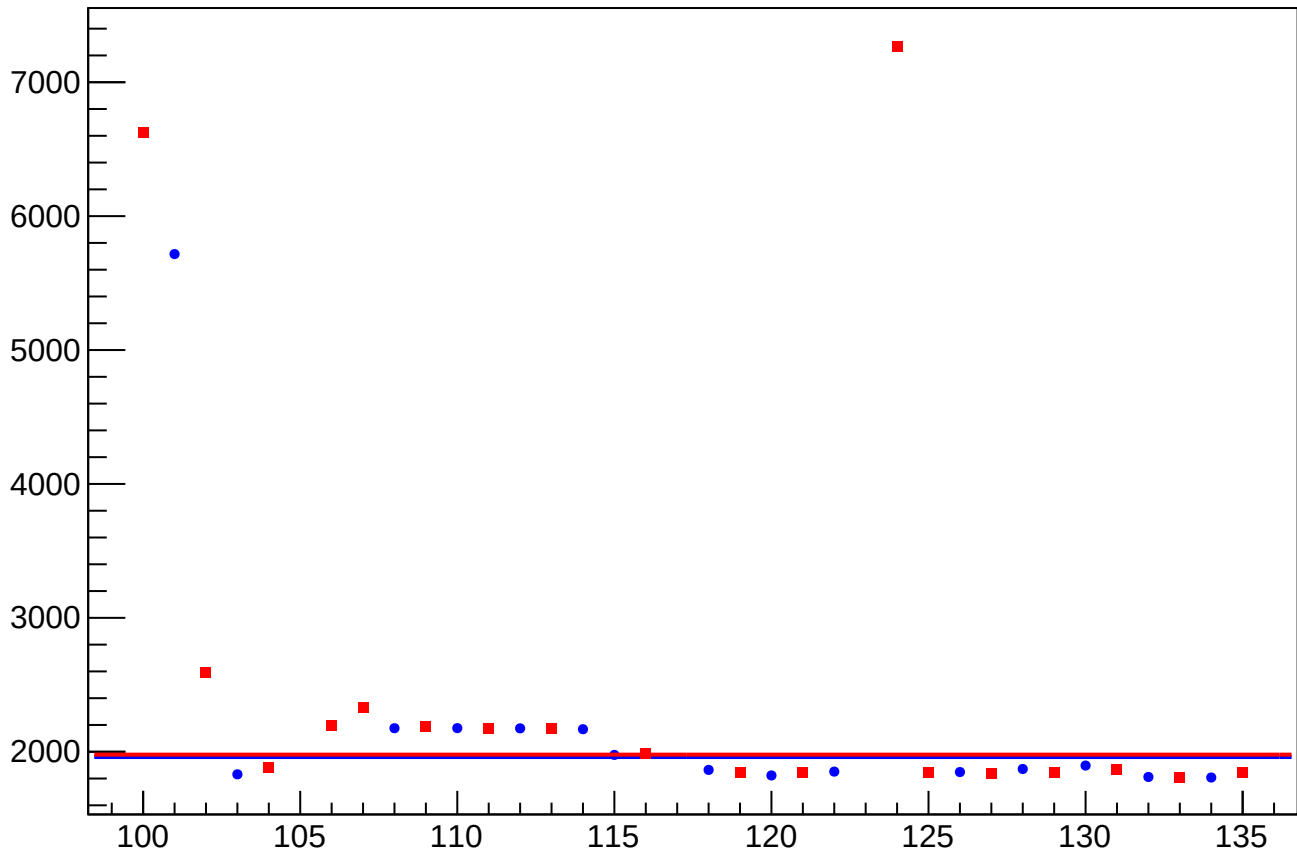
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 142.653+/-546.237 χ^2/NDF : 48.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_rms vs Slug



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

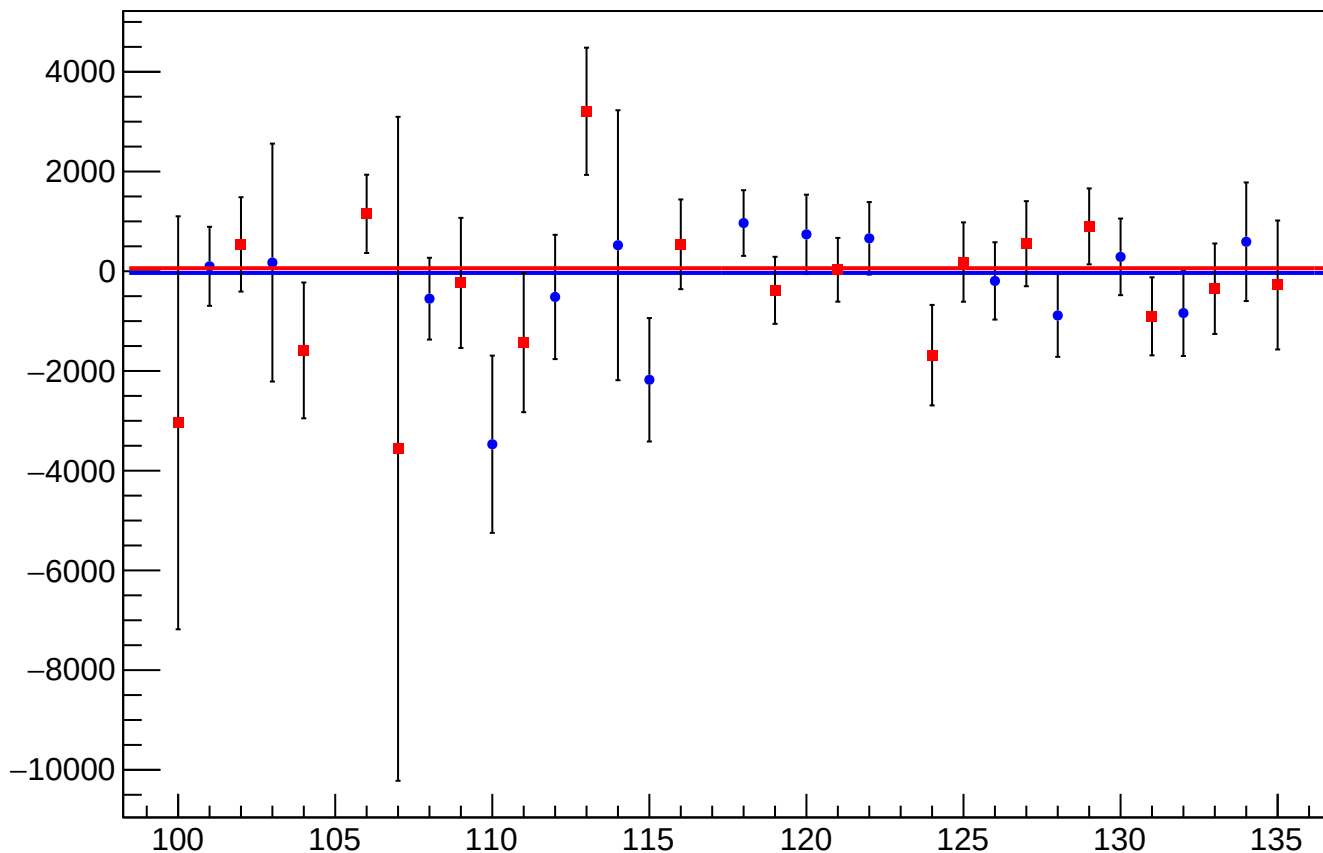
Right Out: 1978.439+/-0.530 χ^2/NDF : 374118.4/17

All: 1970.044+/-0.386 χ^2/NDF : 1001274.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_correction_mean vs Slug



Right In: -34.001 $\pm$ 238.068 χ^2 /NDF: 13.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 60.896 $\pm$ 223.183 χ^2 /NDF: 18.9/17

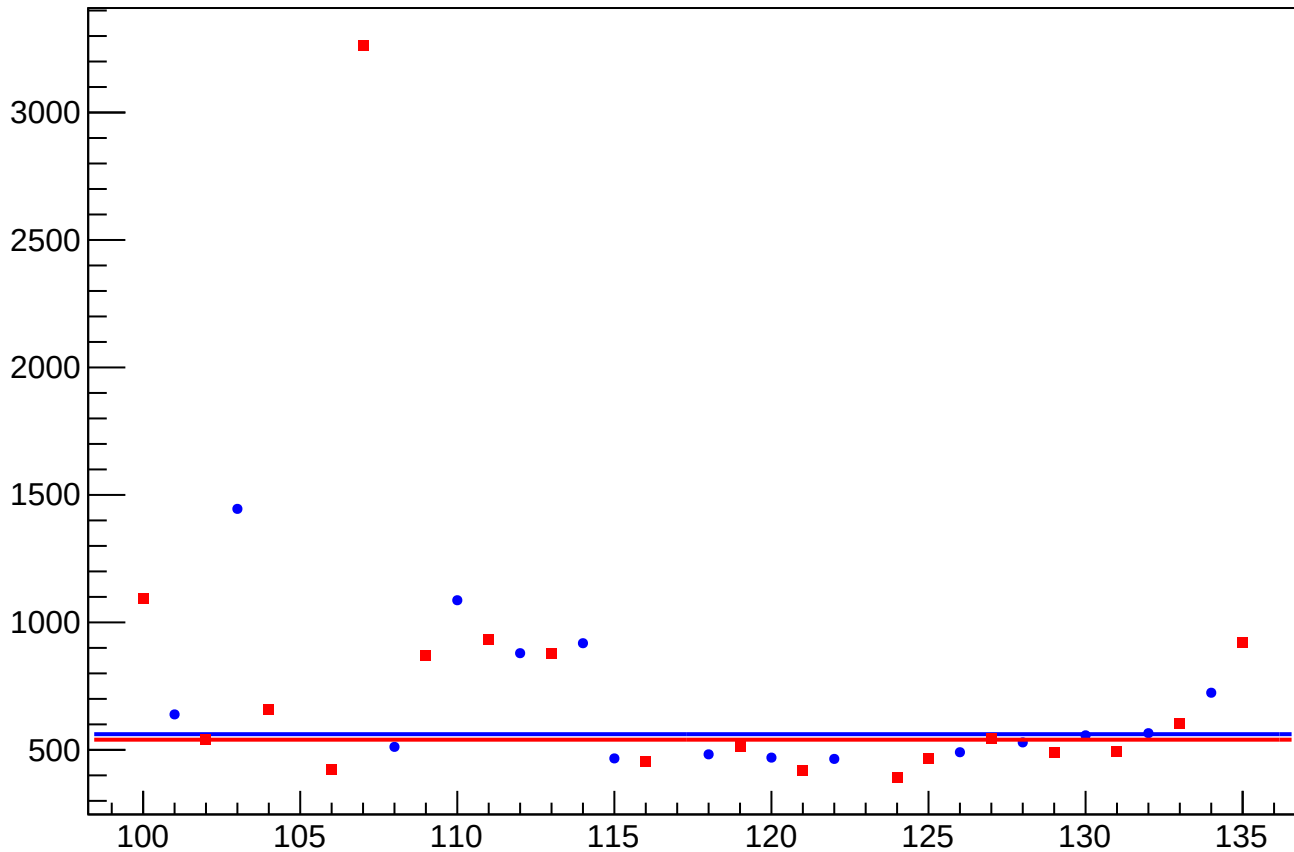
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.507 $\pm$ 162.822 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_correction_rms vs Slug



Right In: 561.552+/-0.168 χ^2/NDF : 800385.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 539.999+/-0.158 χ^2/NDF : 1208407.7/17

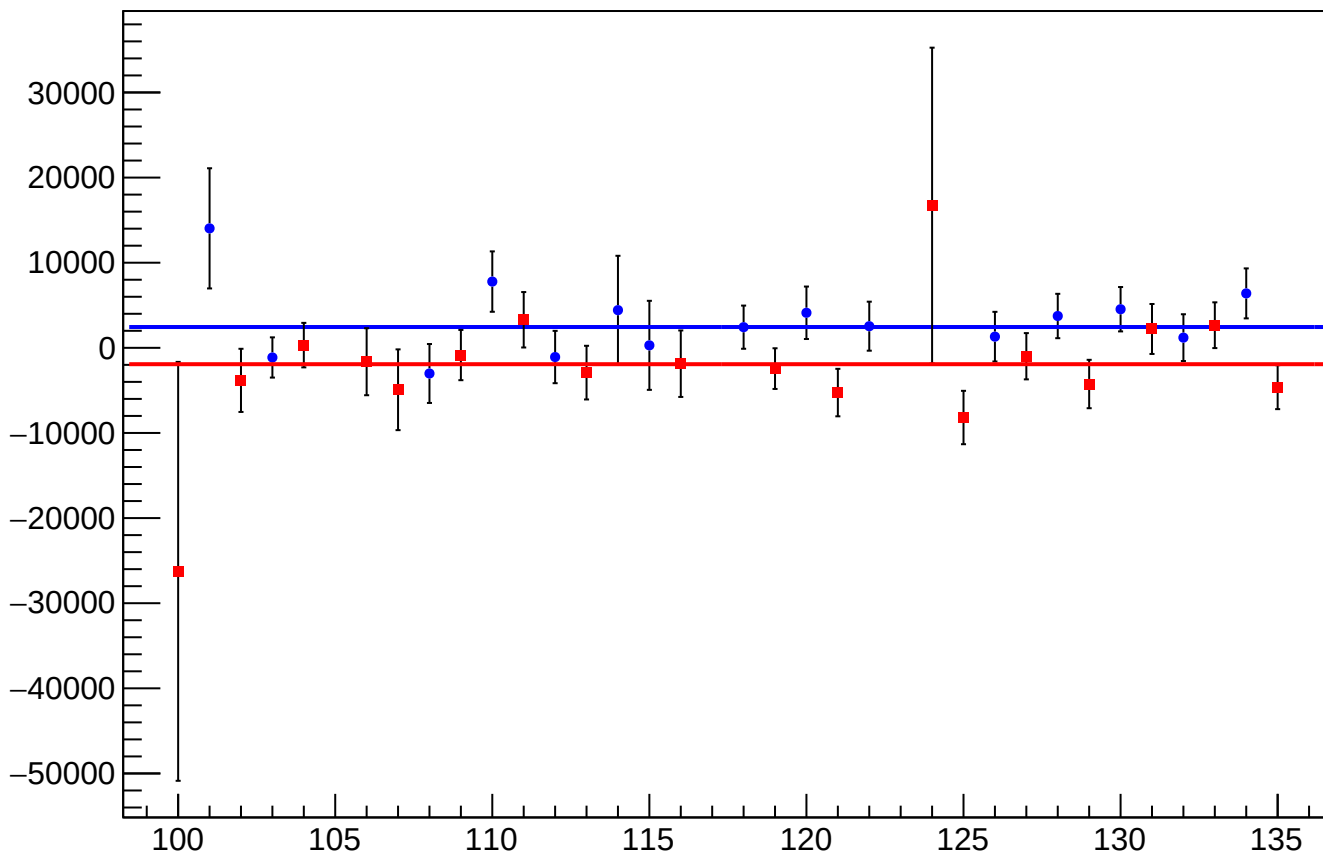
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 550.081+/-0.115 χ^2/NDF : 2017518.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_mean vs Slug



Right In: 2445.543 $\pm$ 797.798 χ^2 /NDF: 14.7/14

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

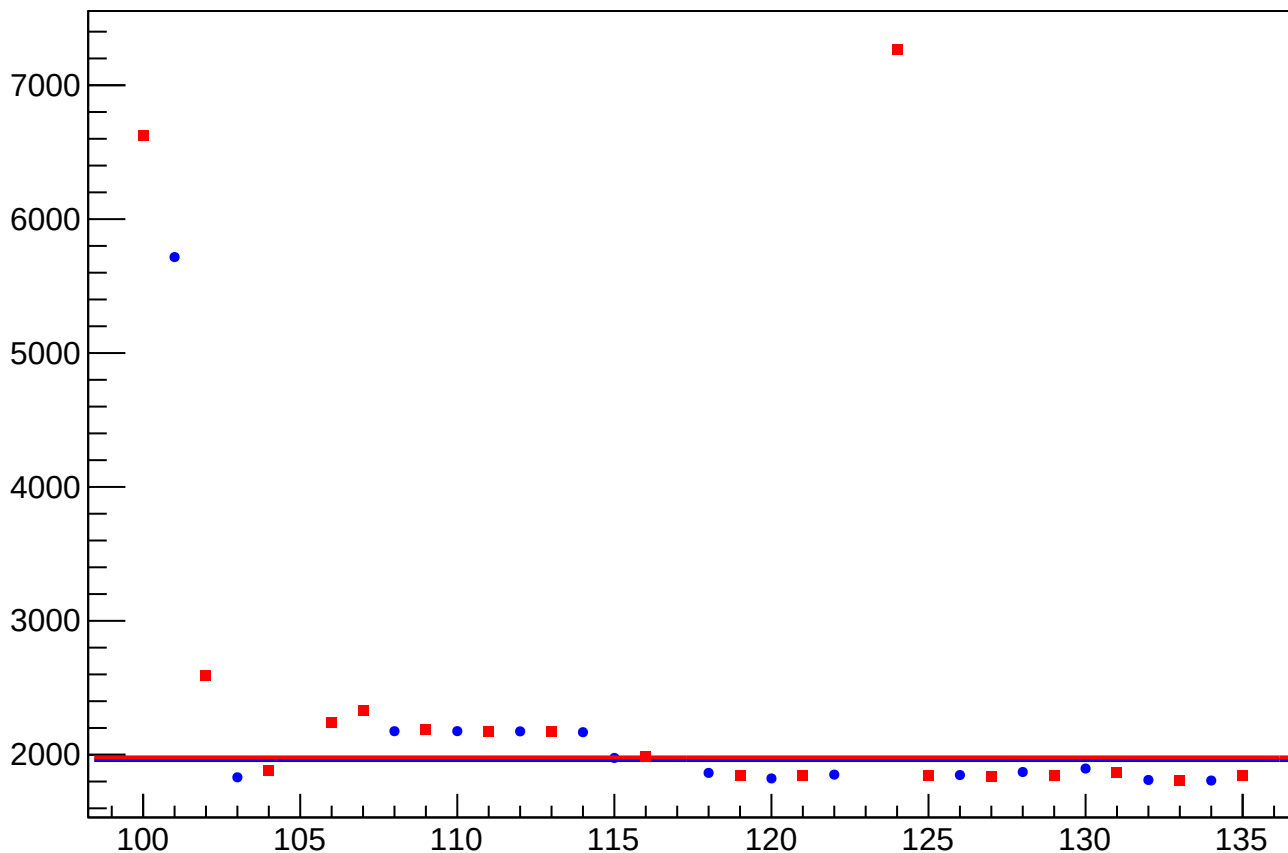
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 127.375 $\pm$ 546.501 χ^2 /NDF: 49.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_avg_rms vs Slug



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.893+/-0.530 χ^2/NDF : 376953.1/17

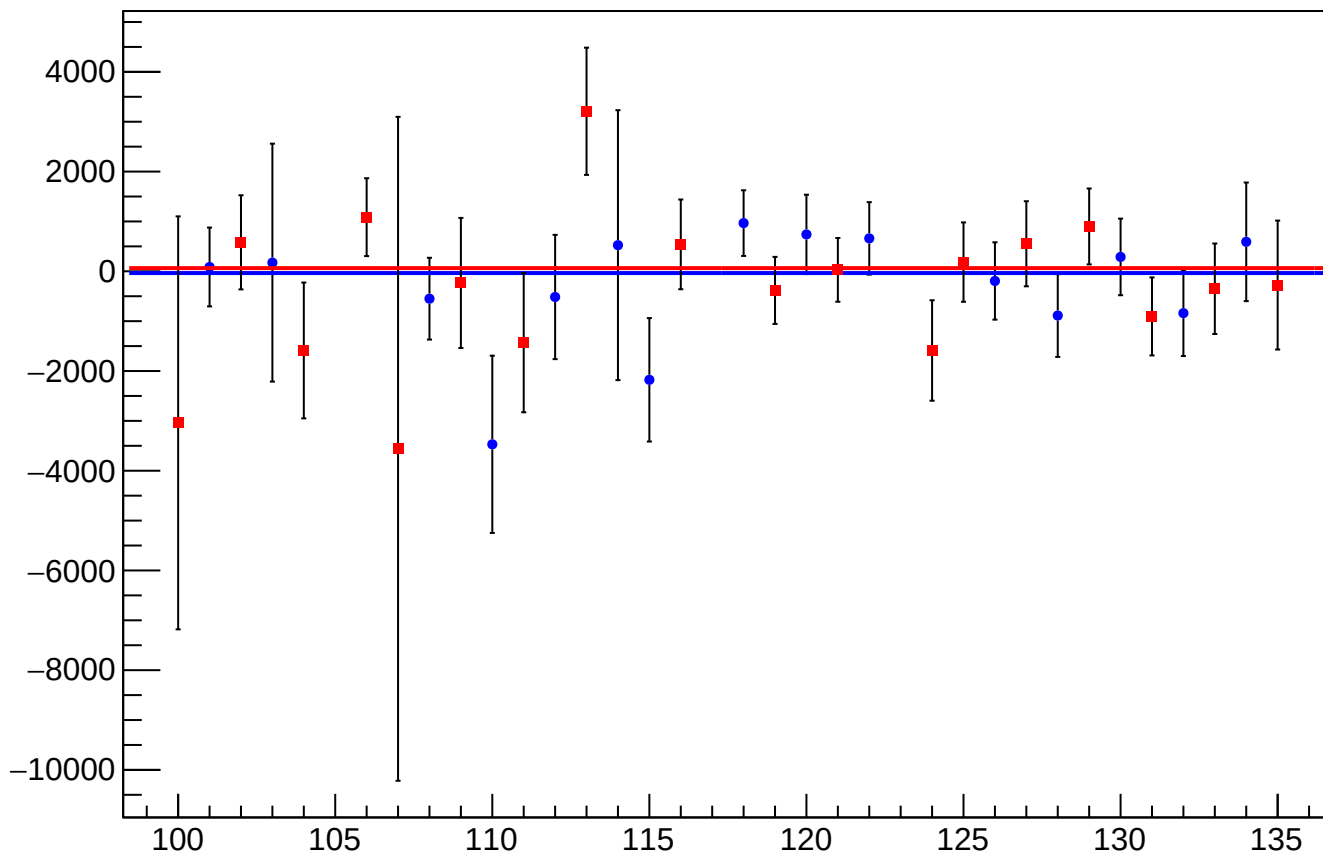
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.807+/-0.386 χ^2/NDF : 1004198.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_mean vs Slug



Right In: -34.965 ± 238.015 χ^2/NDF : 13.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 63.613 ± 223.043 χ^2/NDF : 18.4/17

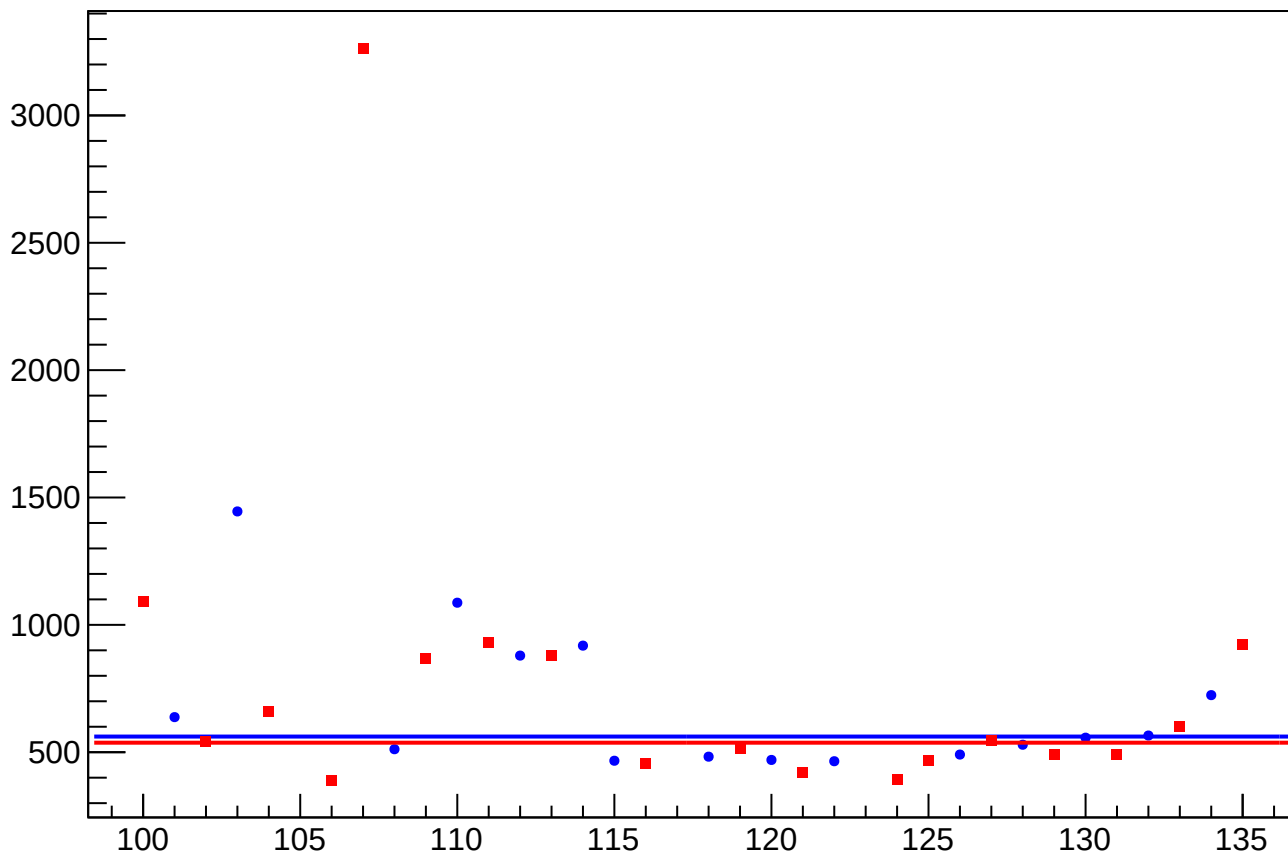
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 17.522 ± 162.751 χ^2/NDF : 32.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_cor_correction_rms vs Slug



Right In: 561.463+/-0.168 χ^2/NDF : 799769.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.386+/-0.158 χ^2/NDF : 1238648.9/17

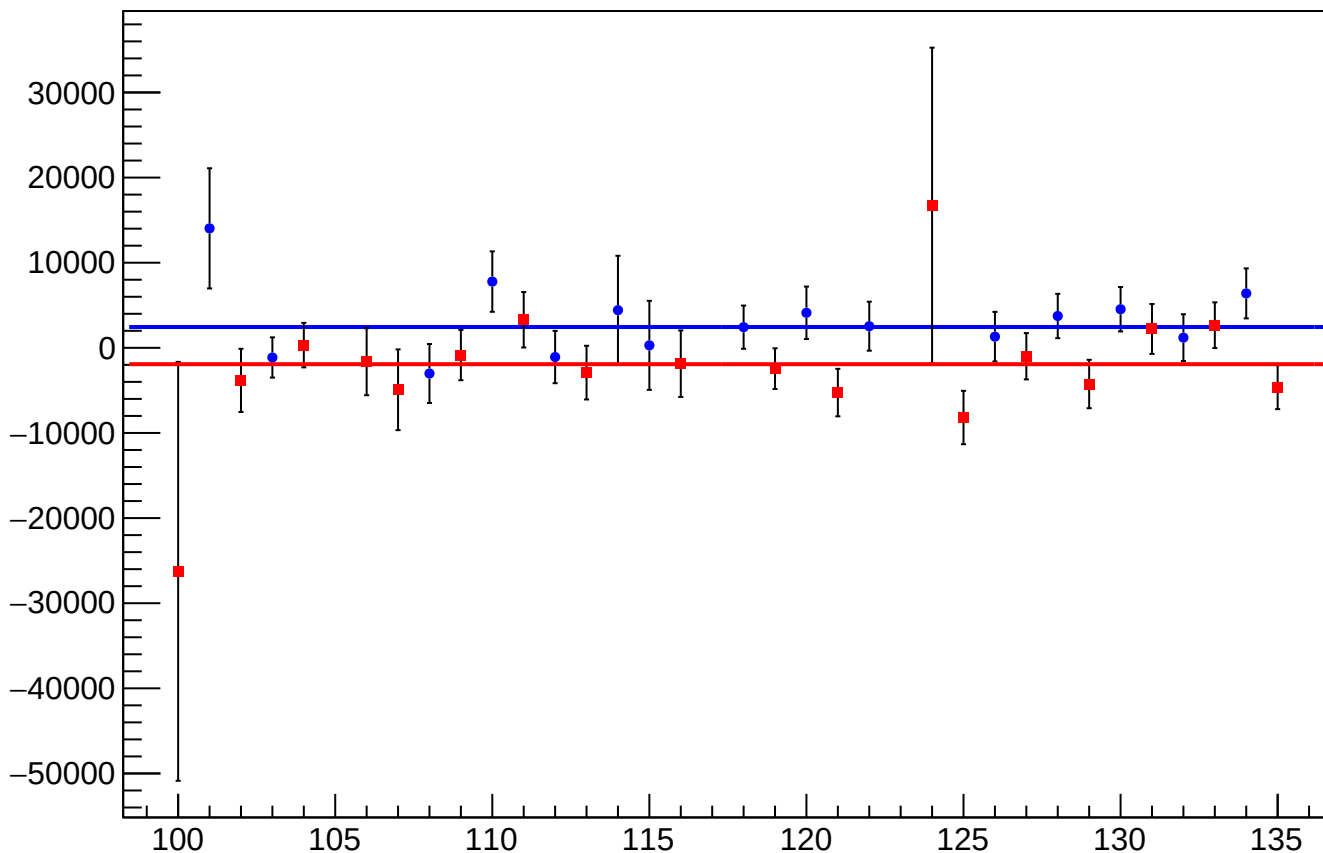
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.643+/-0.115 χ^2/NDF : 2049316.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_mean vs Slug



Right In: 2445.543+/-797.798 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1922.103+/-750.140 χ^2/NDF : 18.4/17

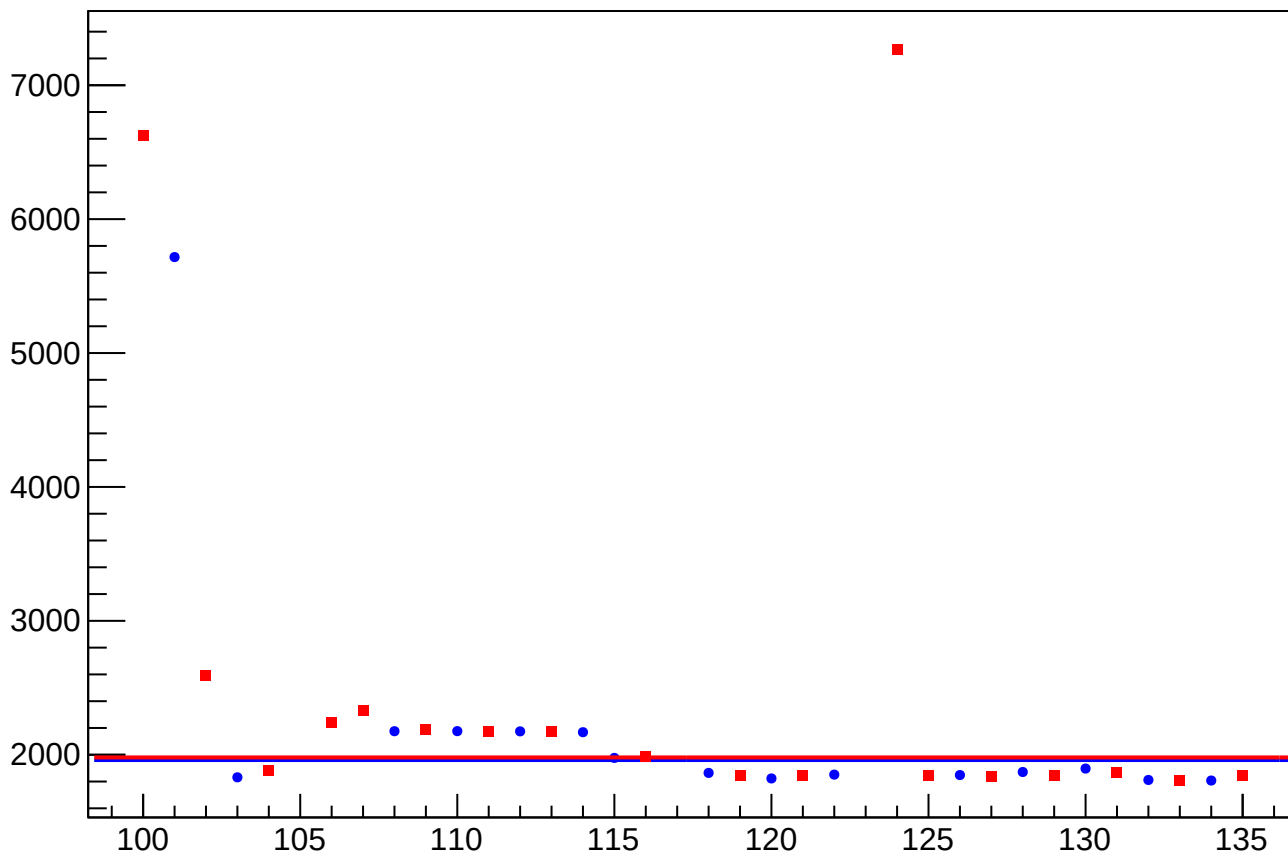
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 127.375+/-546.501 χ^2/NDF : 49.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_rms vs Slug



Right In: 1960.530+/-0.564 χ^2/NDF : 626620.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1979.893+/-0.530 χ^2/NDF : 376953.1/17

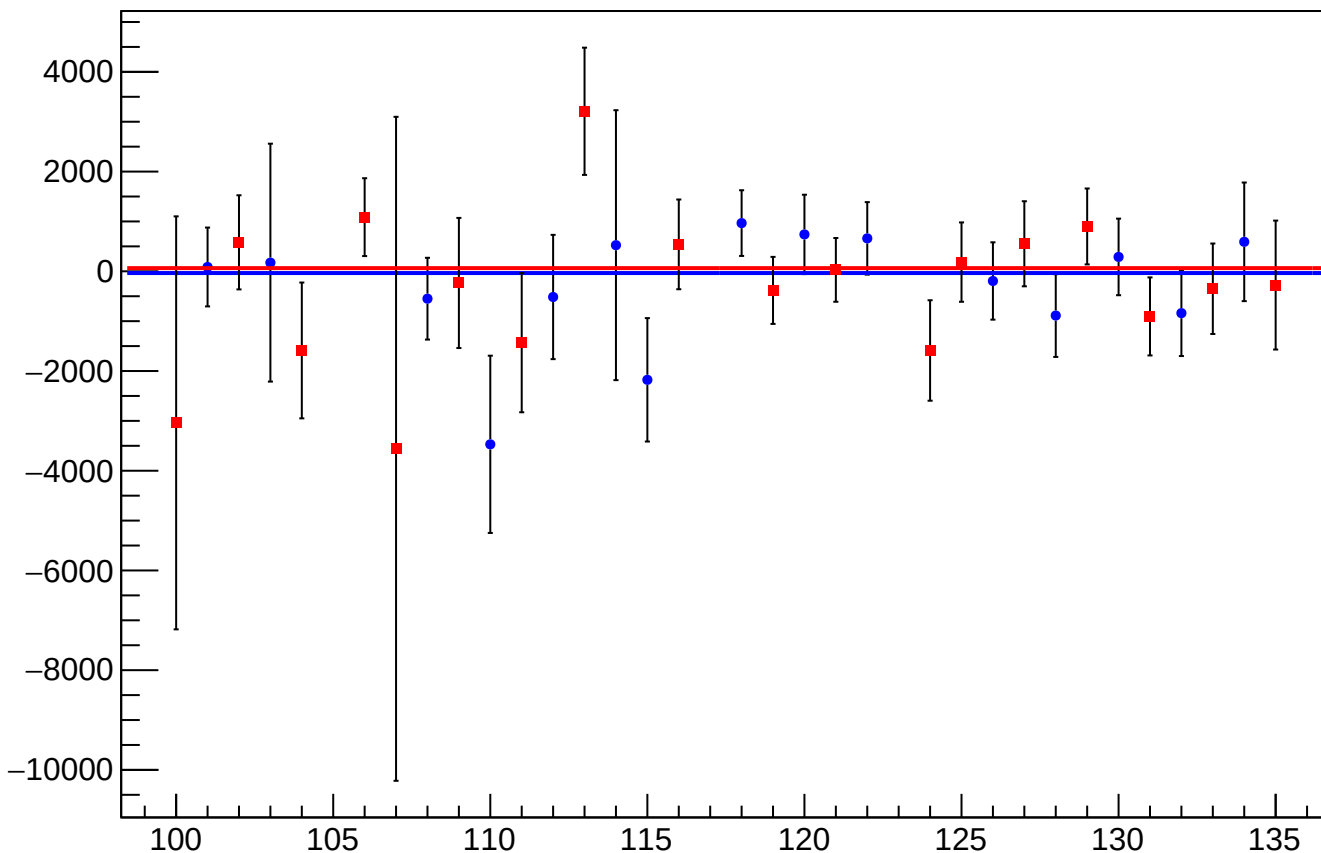
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1970.807+/-0.386 χ^2/NDF : 1004198.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_mean vs Slug



Right In: -34.965+/-238.015 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.613+/-223.043 χ^2/NDF : 18.4/17

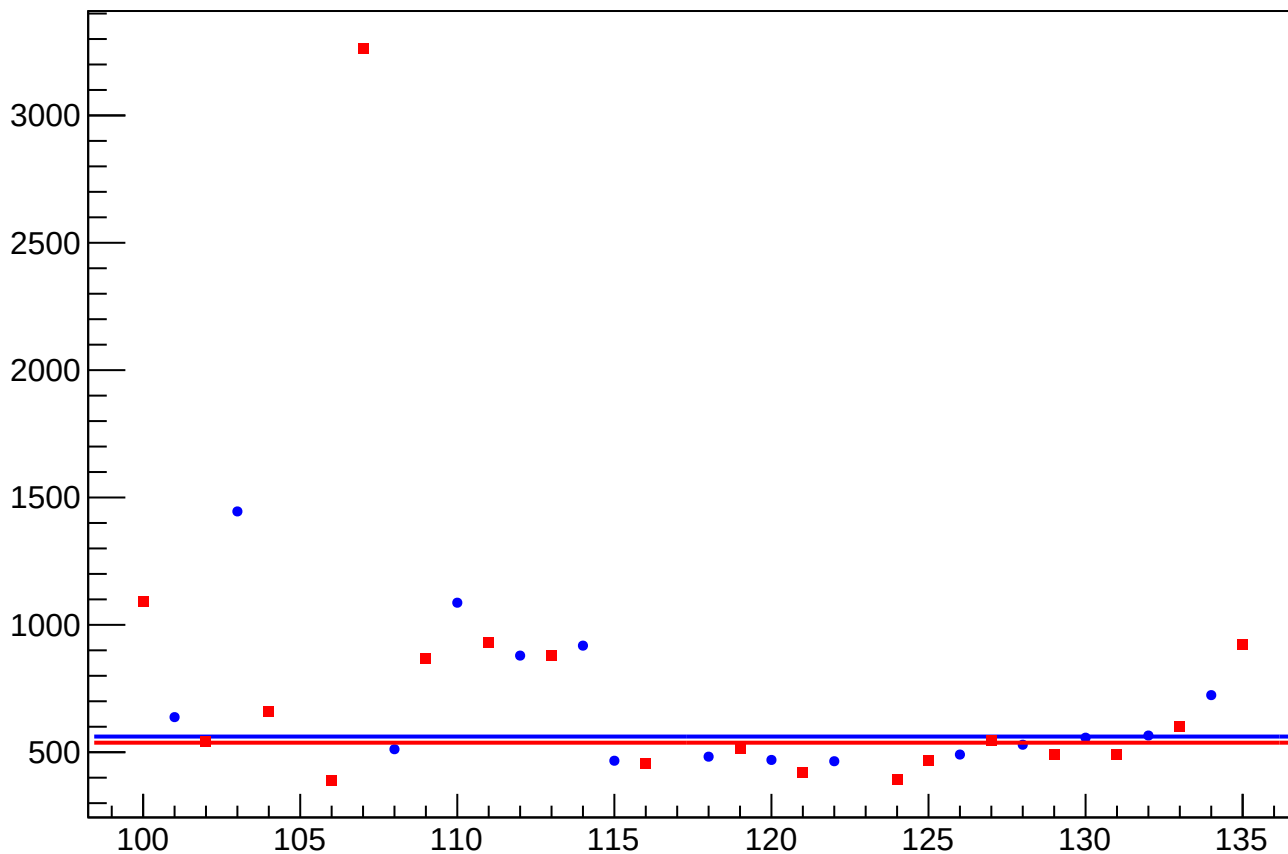
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.522+/-162.751 χ^2/NDF : 32.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_correction_rms vs Slug



Right In: 561.463+/-0.168 χ^2/NDF : 799769.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.386+/-0.158 χ^2/NDF : 1238648.9/17

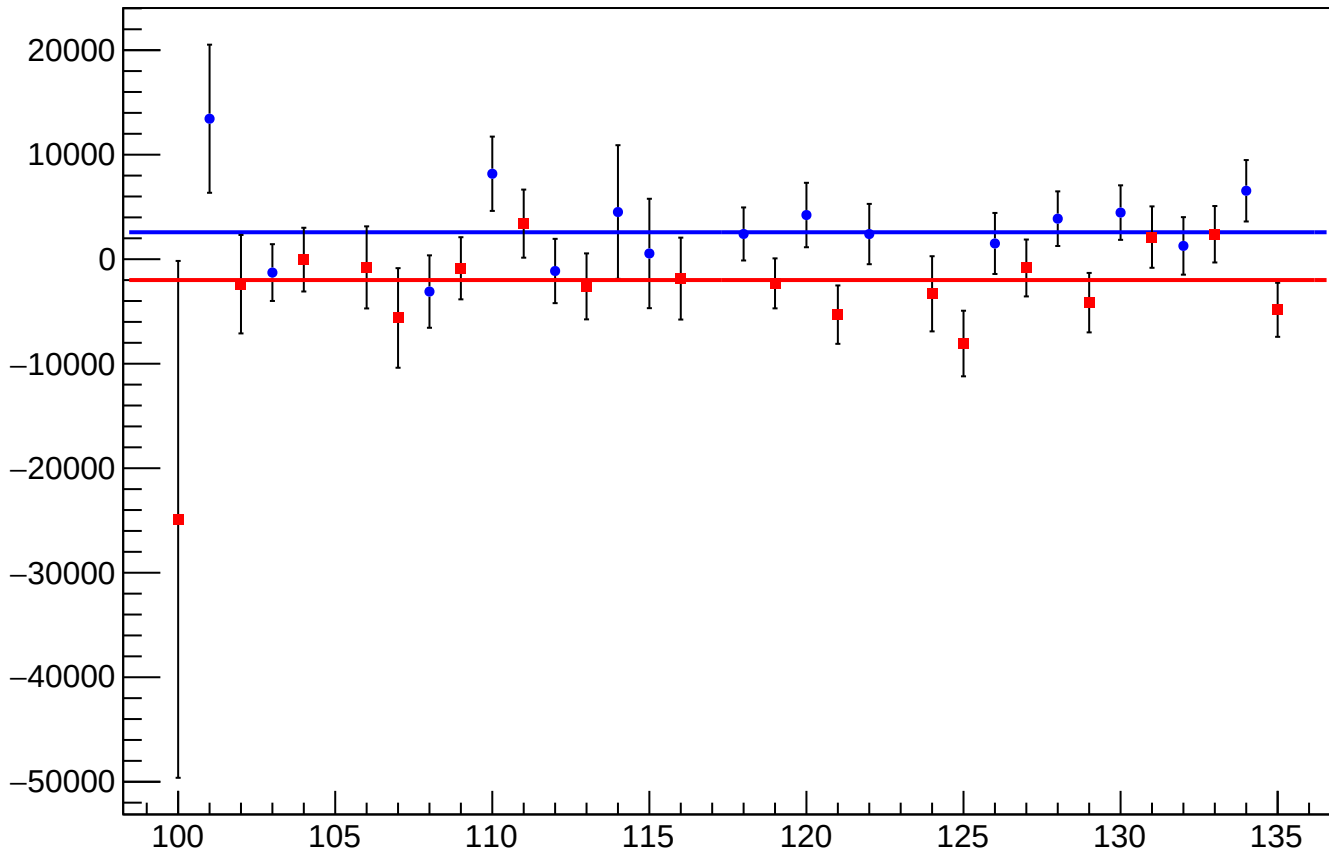
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 548.643+/-0.115 χ^2/NDF : 2049316.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_mean vs Slug



Right In: 2578.396 $\pm$ 810.200 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1995.333 $\pm$ 749.737 χ^2 /NDF: 16.7/17

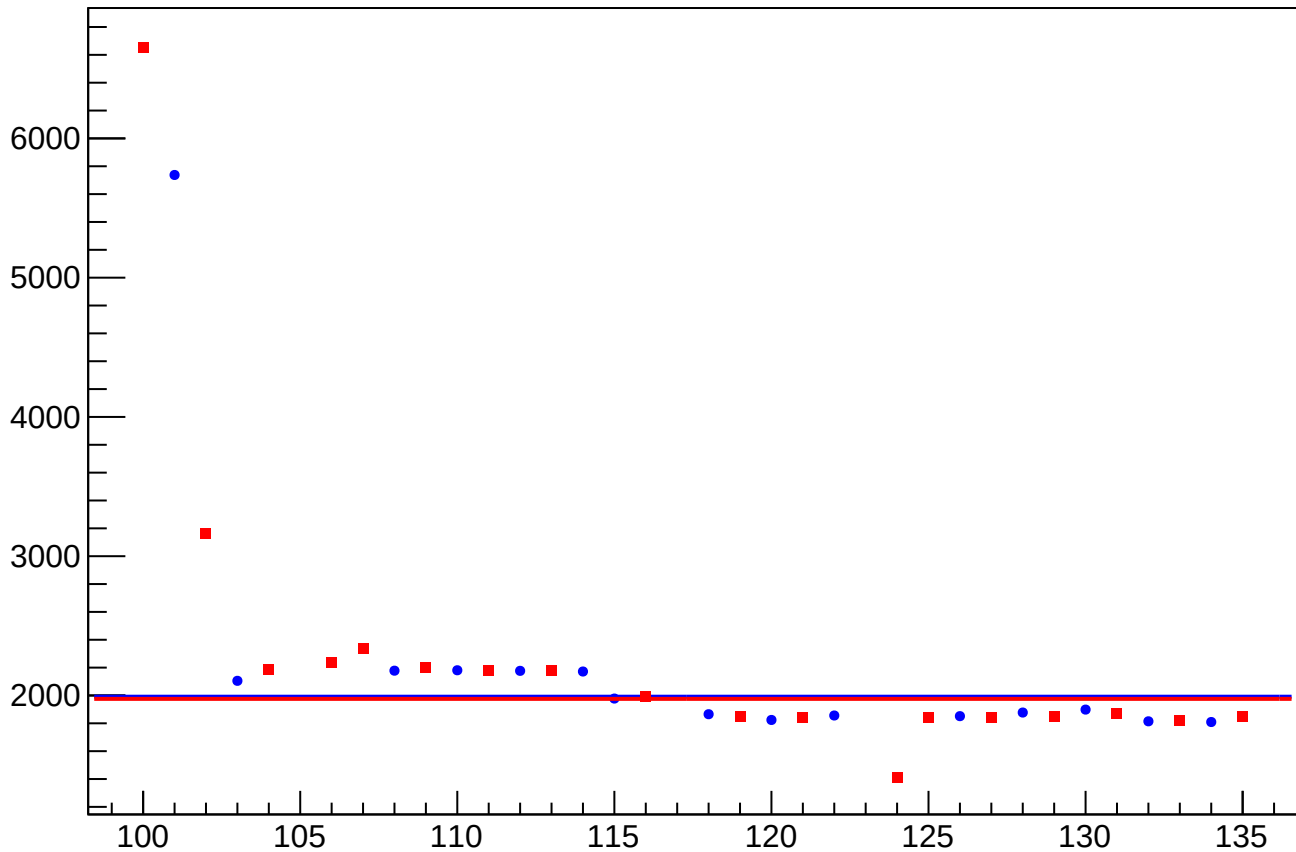
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.522 $\pm$ 550.279 χ^2 /NDF: 48.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_rms vs Slug



Right In: 1991.058+/-0.573 χ^2/NDF : 624902.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

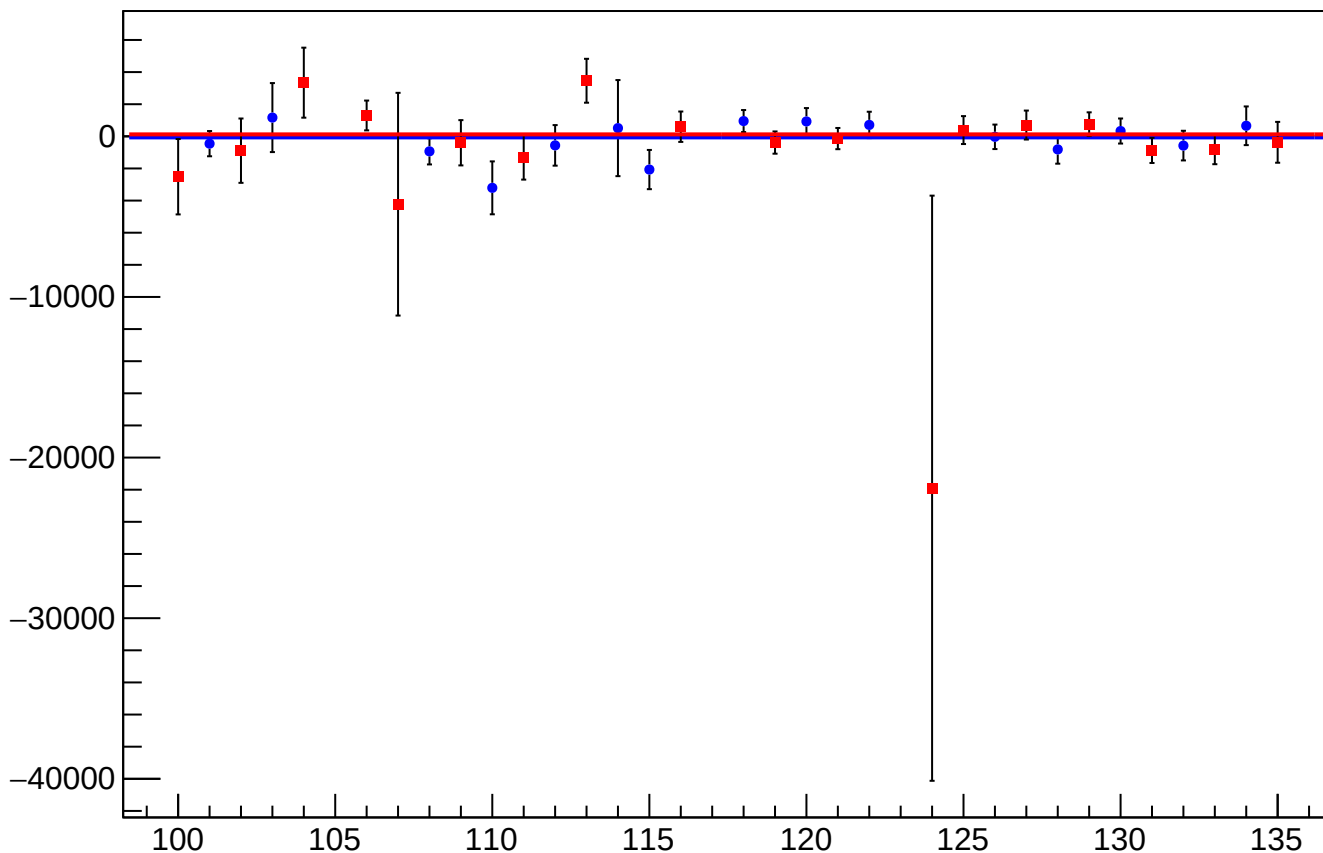
Right Out: 1975.567+/-0.530 χ^2/NDF : 342335.1/17

All: 1982.713+/-0.389 χ^2/NDF : 967631.0/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_mean vs Slug



Right In: -65.750 ± 244.940 χ^2/NDF : 14.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 121.875 ± 244.647 χ^2/NDF : 19.4/17

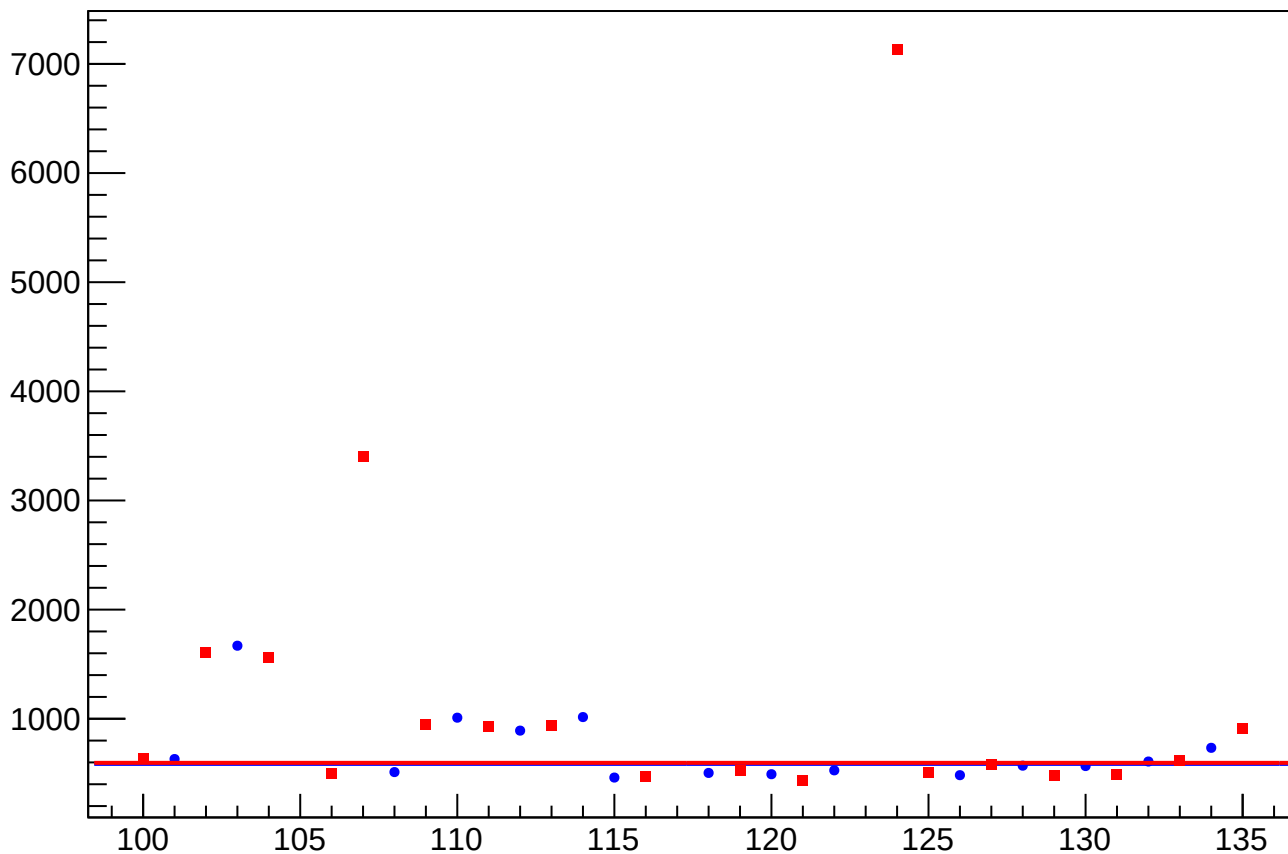
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 28.174 ± 173.095 χ^2/NDF : 34.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_correction_rms vs Slug



Right In: 586.513+/-0.173 χ^2/NDF : 977436.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 595.955+/-0.173 χ^2/NDF : 2282533.1/17

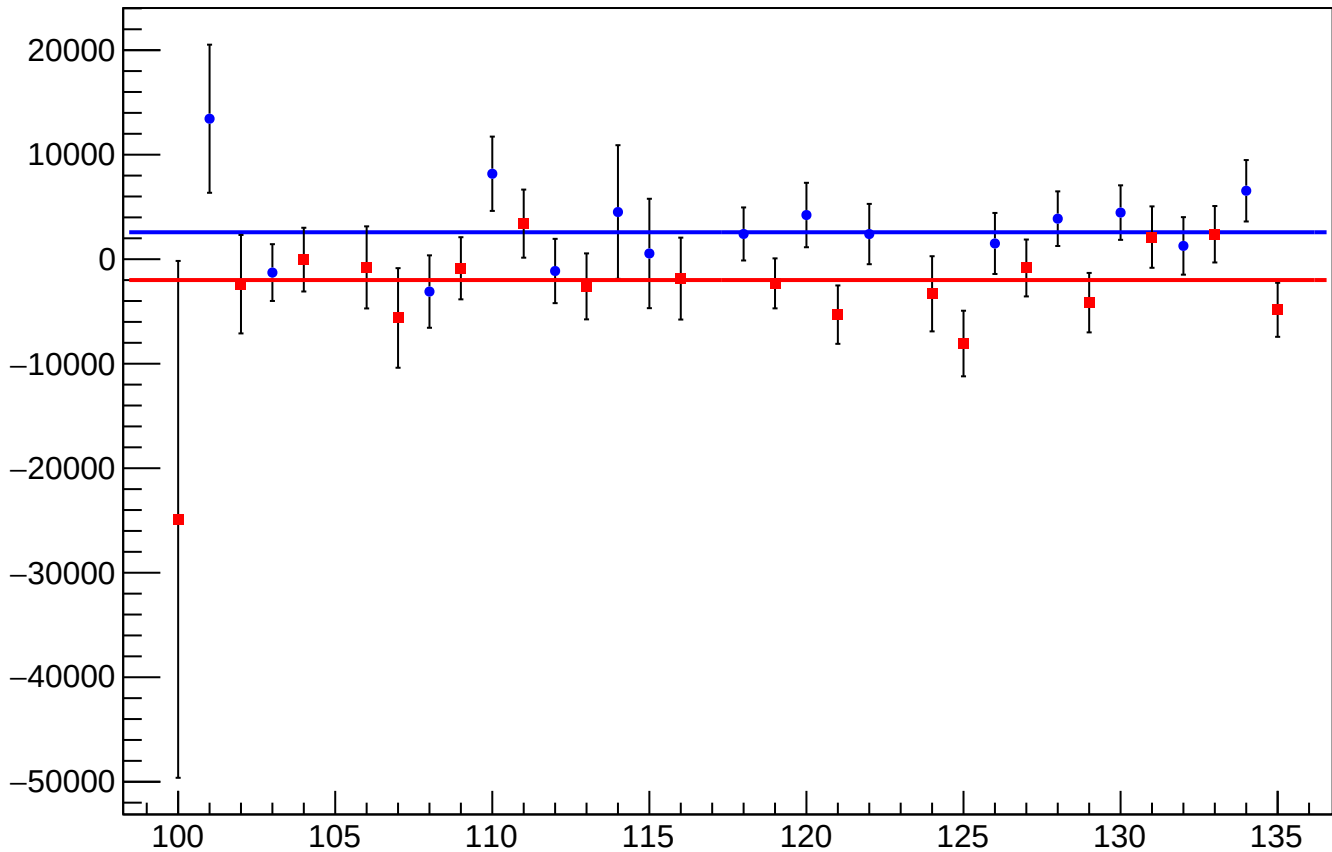
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 591.240+/-0.122 χ^2/NDF : 3261456.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_mean vs Slug



Right In: 2578.394+/-810.200 χ^2 /NDF: 14.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1995.332+/-749.737 χ^2 /NDF: 16.7/17

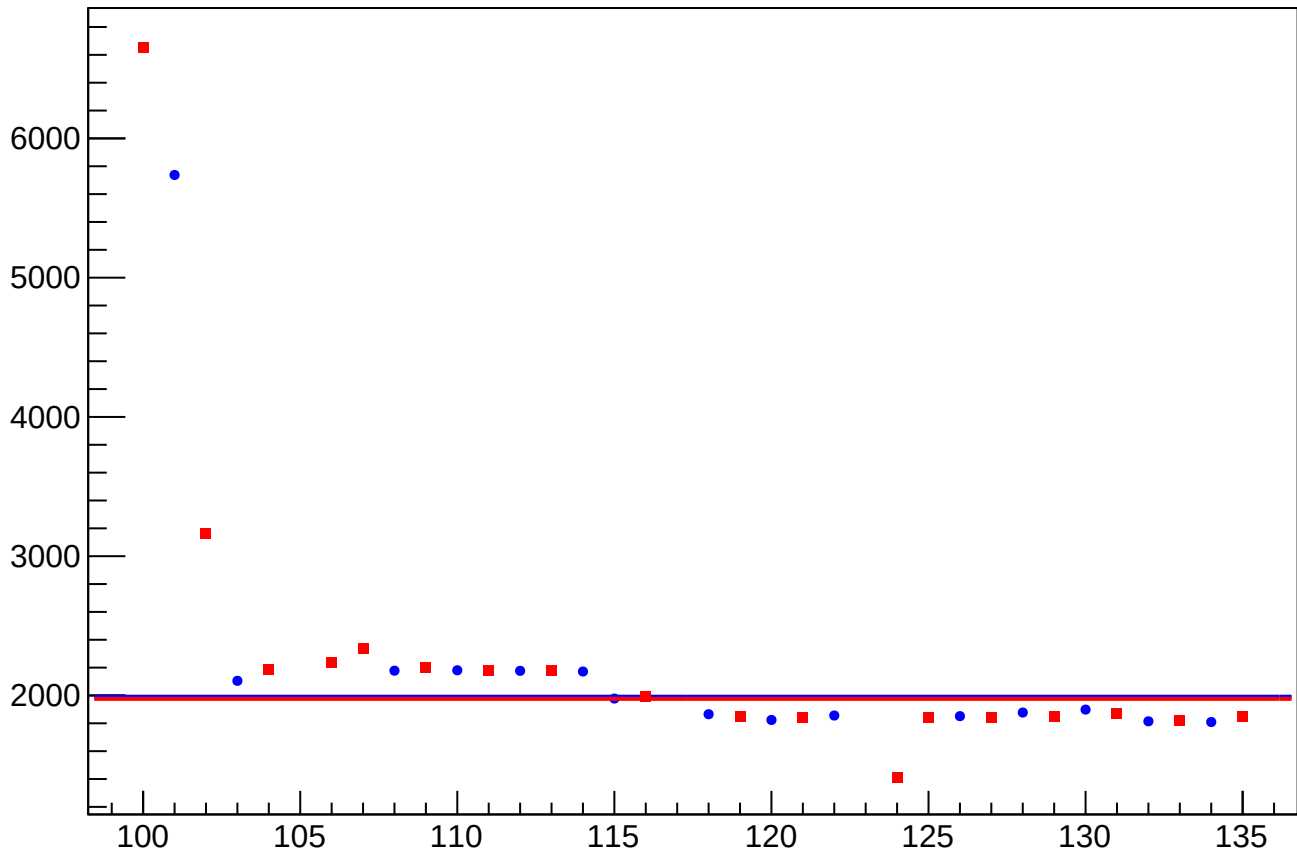
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 114.522+/-550.279 χ^2 /NDF: 48.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at1_avg_rms vs Slug



Right In: 1991.057+/-0.573 χ^2/NDF : 624901.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

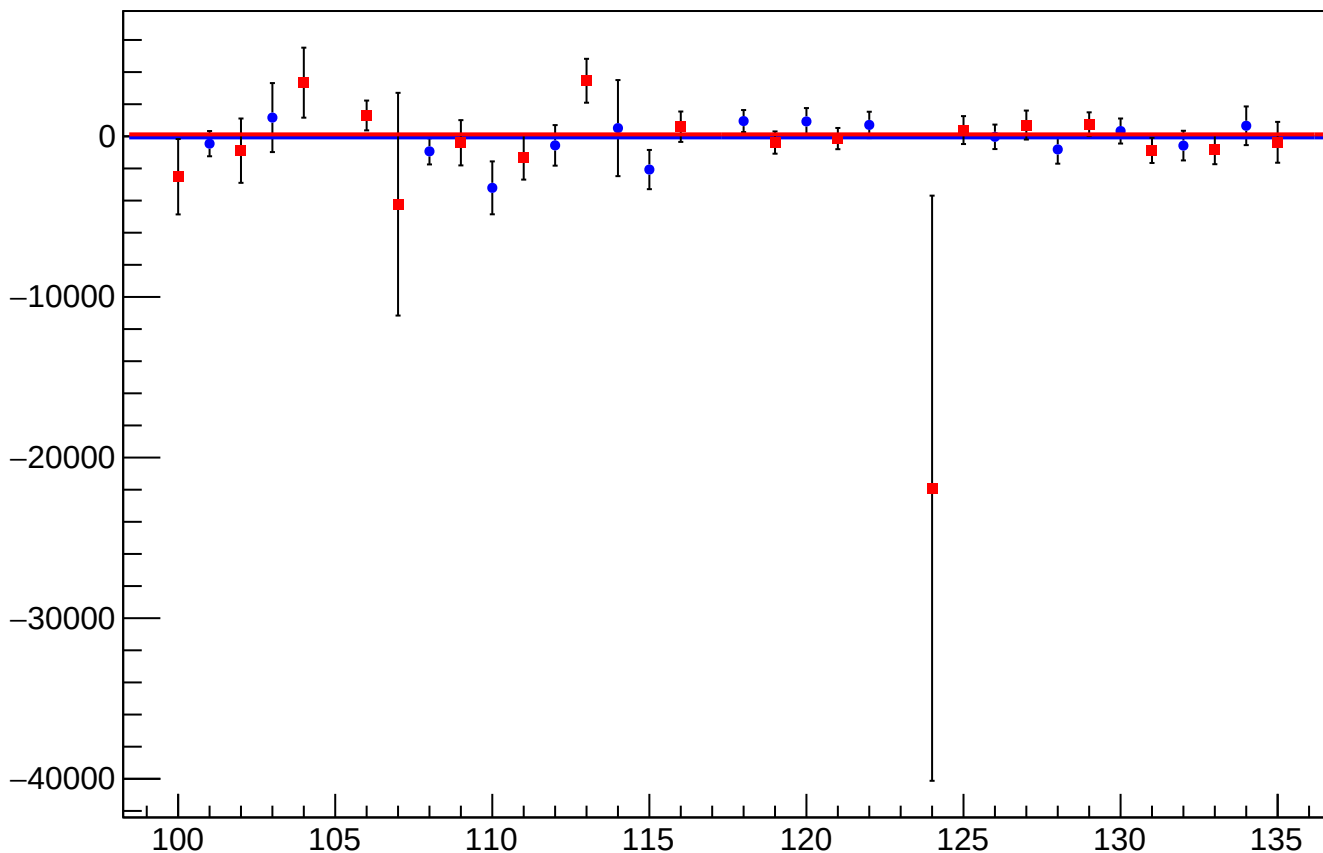
Right Out: 1975.567+/-0.530 χ^2/NDF : 342333.8/17

All: 1982.712+/-0.389 χ^2/NDF : 967629.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_mean vs Slug



Right In: -65.750 $\pm$ 244.939 χ^2/NDF : 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 121.874 $\pm$ 244.647 χ^2/NDF : 19.4/17

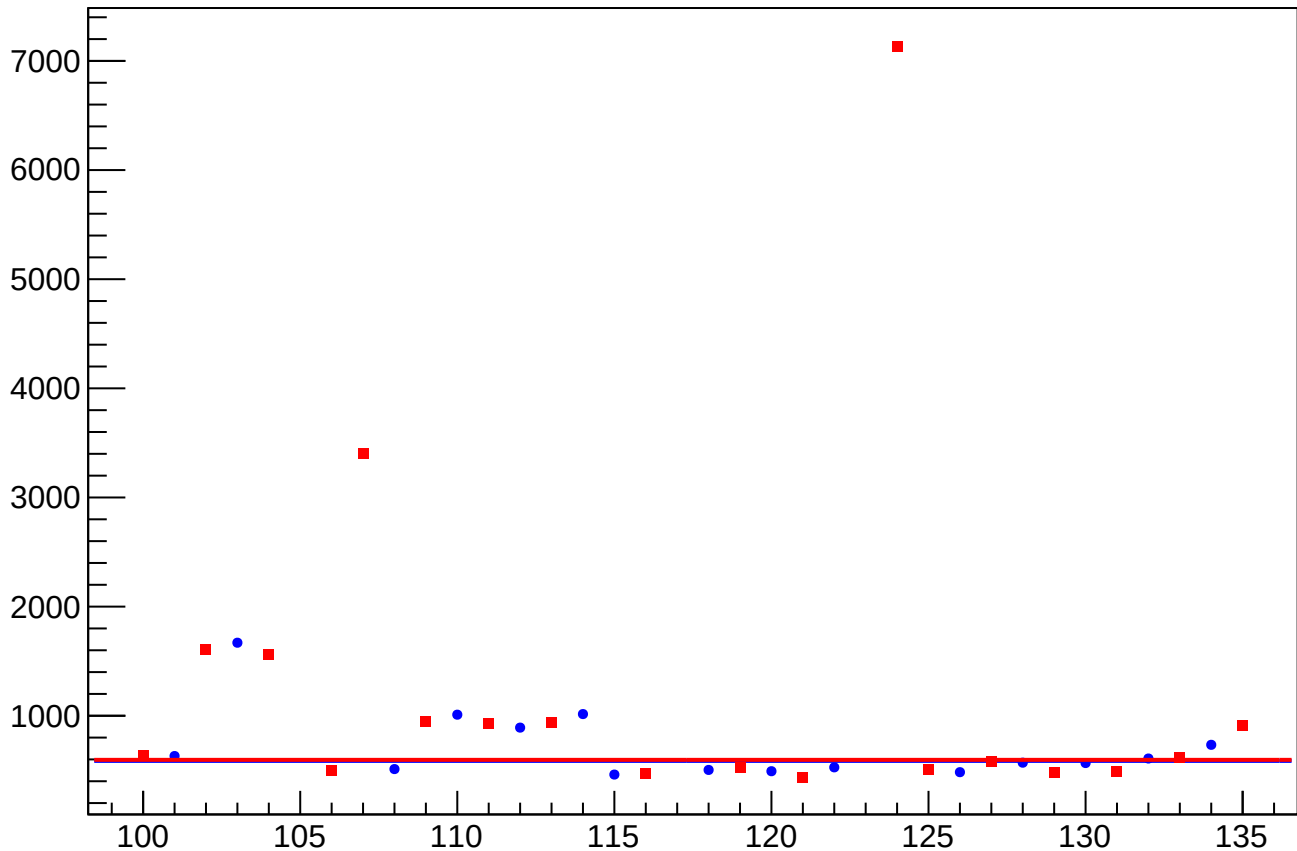
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 28.174 $\pm$ 173.095 χ^2/NDF : 34.0/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_correction_rms vs Slug



Right In: 586.512 $\pm$ 0.173 χ^2 /NDF: 977440.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 595.954 $\pm$ 0.173 χ^2 /NDF: 2282540.3/17

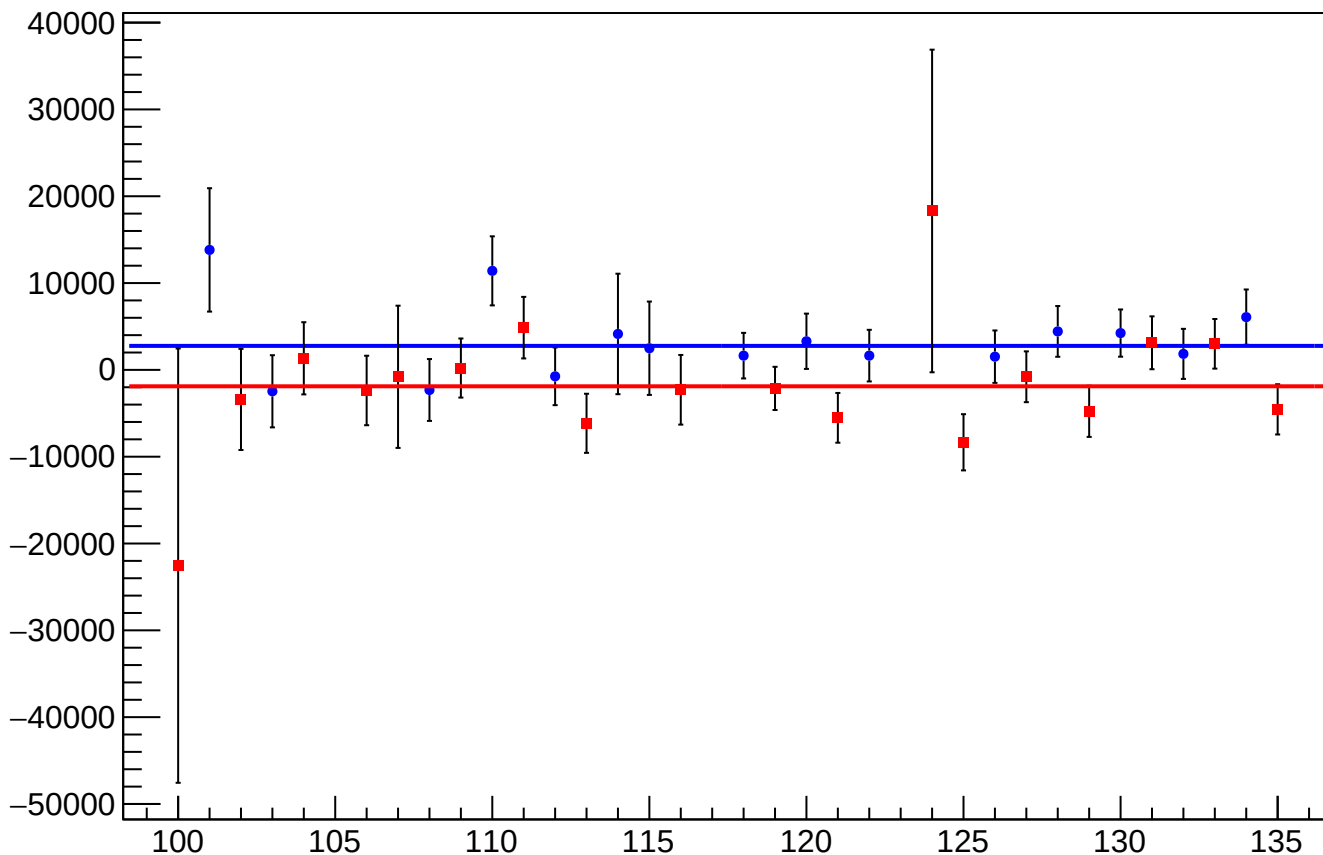
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 591.239 $\pm$ 0.122 χ^2 /NDF: 3261468.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_mean vs Slug



Right In: 2764.321+/-875.855 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1890.333+/-832.221 χ^2/NDF : 21.3/17

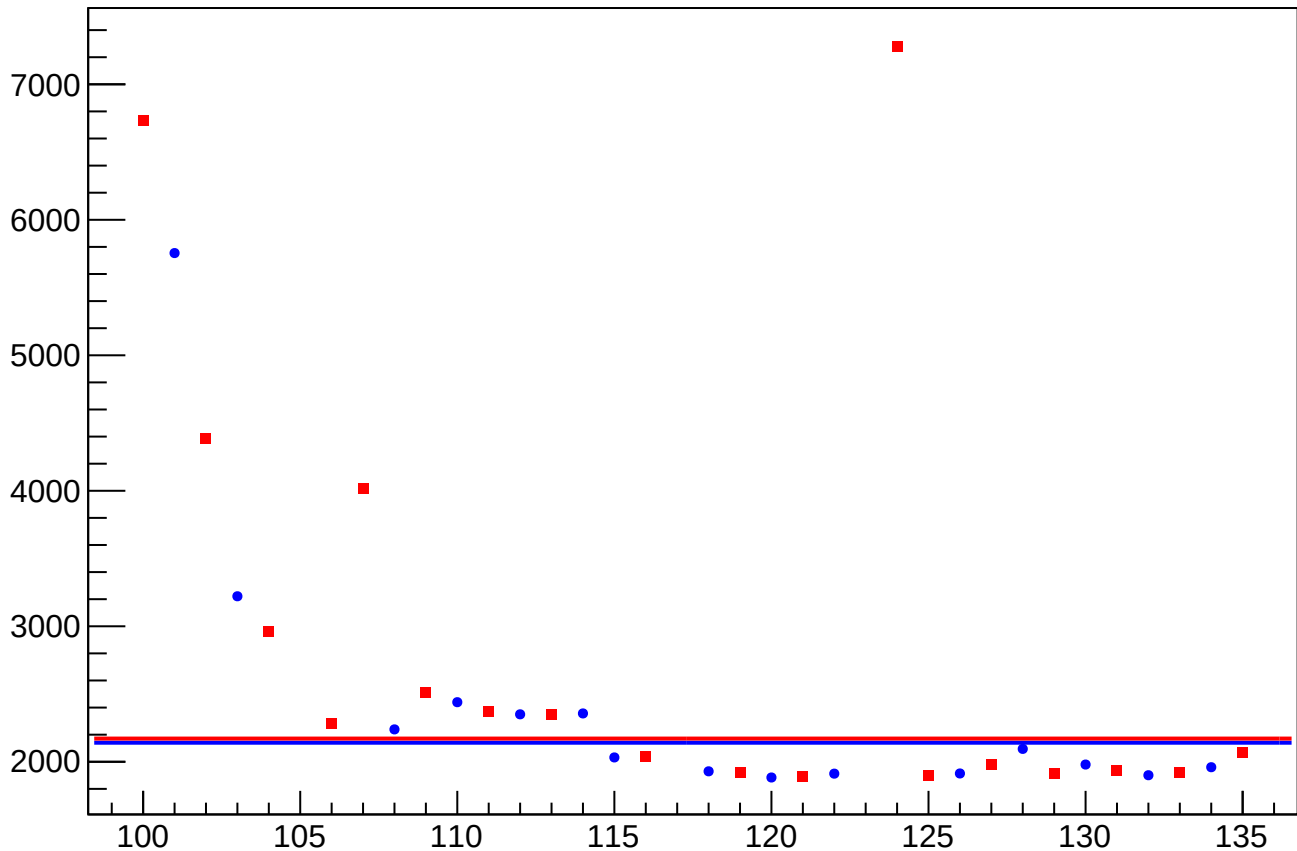
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 318.165+/-603.305 χ^2/NDF : 50.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_rms vs Slug



Right In: 2140.705+/-0.619 χ^2/NDF : 752851.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2171.294+/-0.588 χ^2/NDF : 822845.3/17

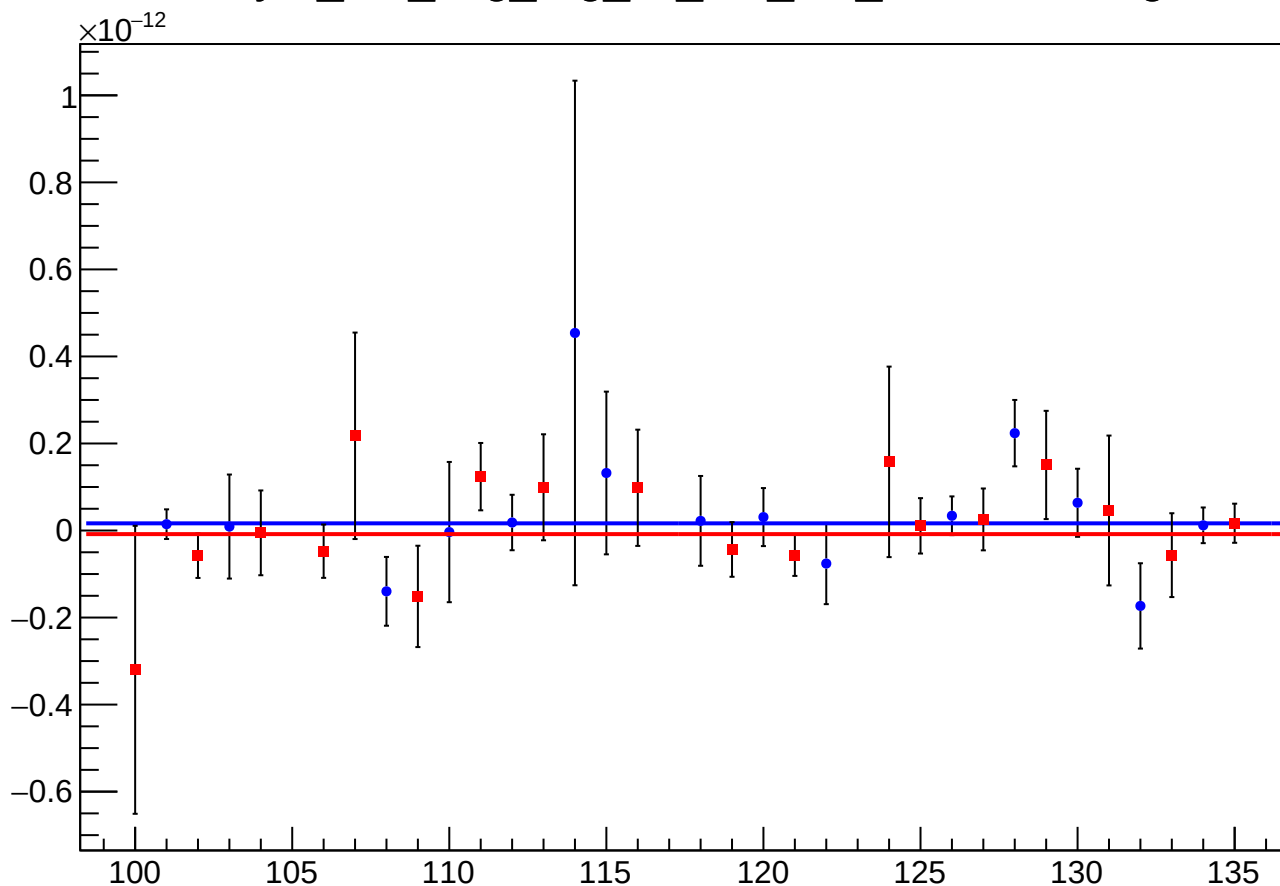
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2156.781+/-0.427 χ^2/NDF : 1576978.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.6/17

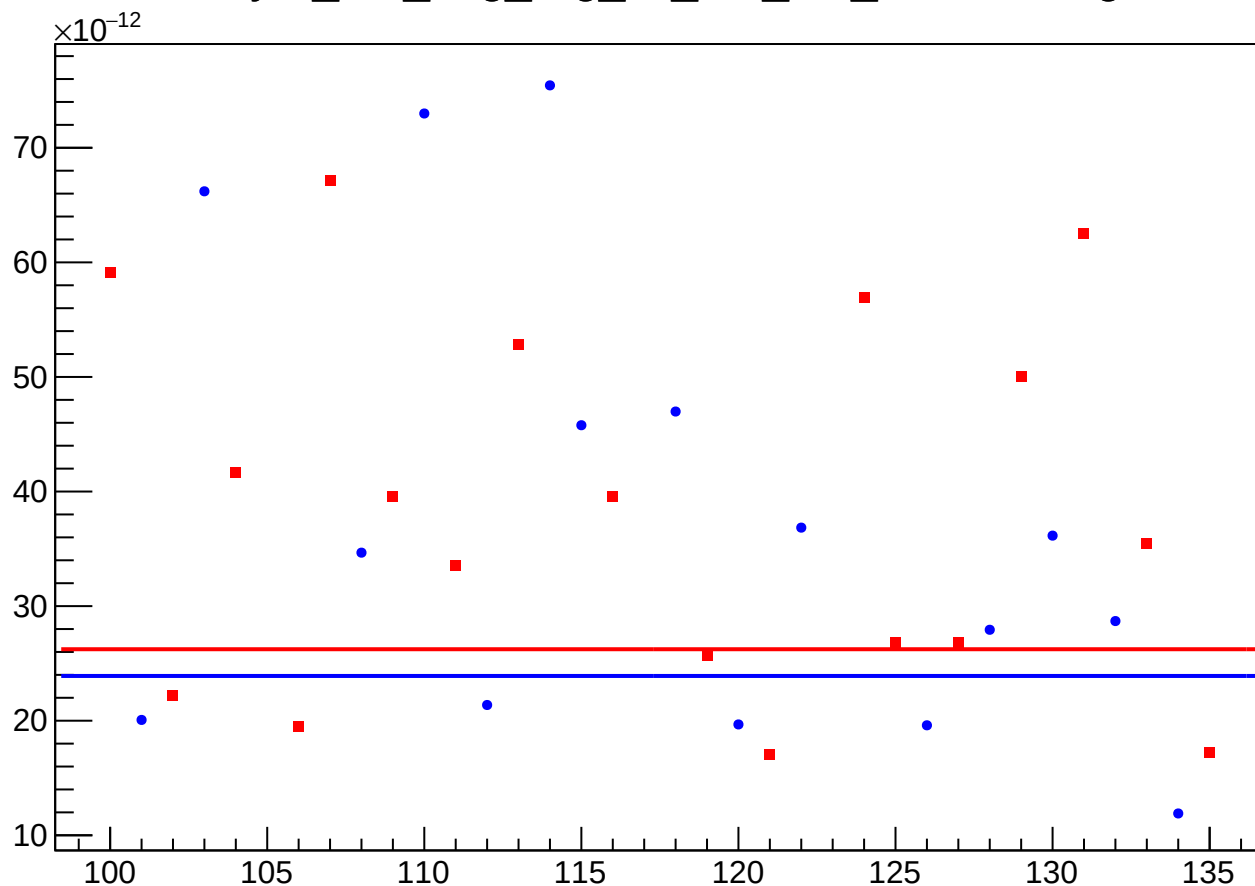
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 940834.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 702451.2/17

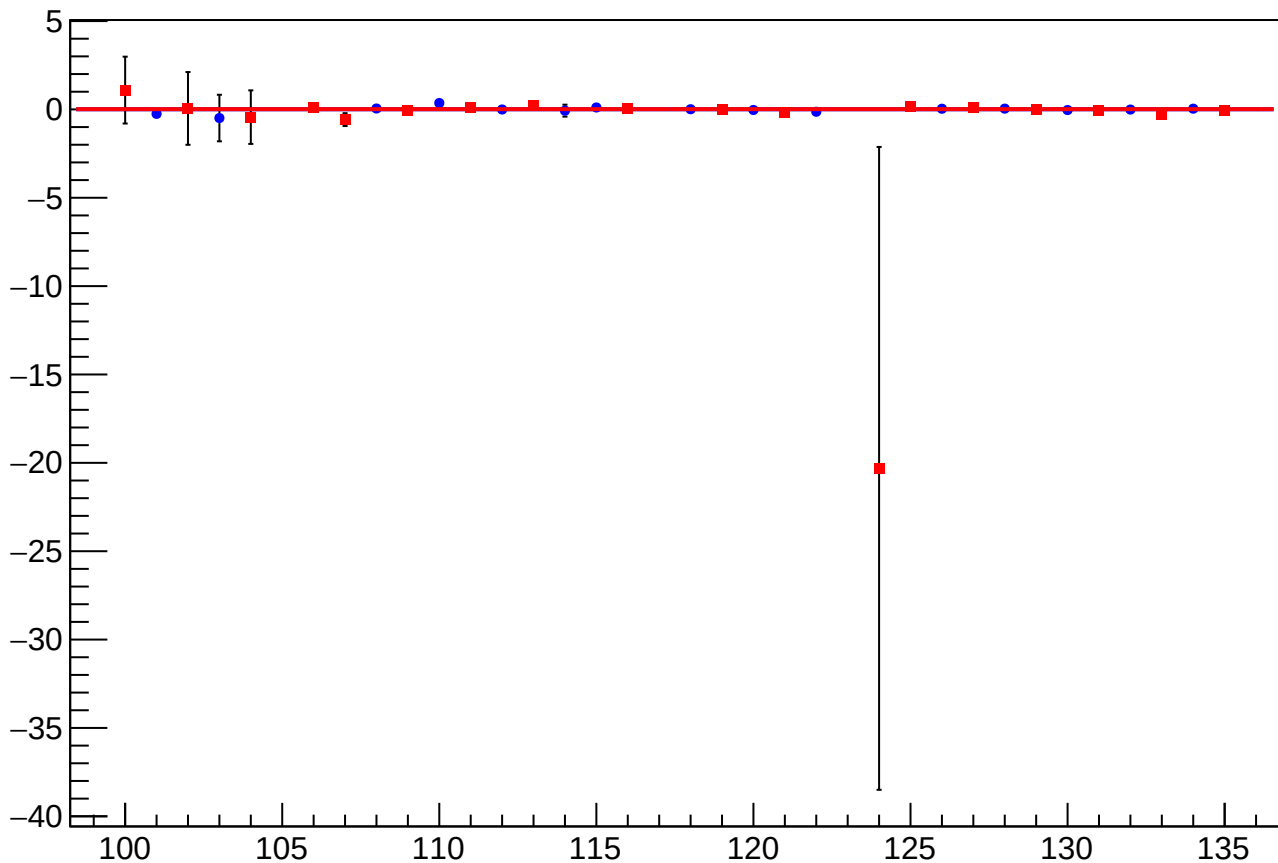
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1660629.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.026 χ^2 /NDF: 17.4/17

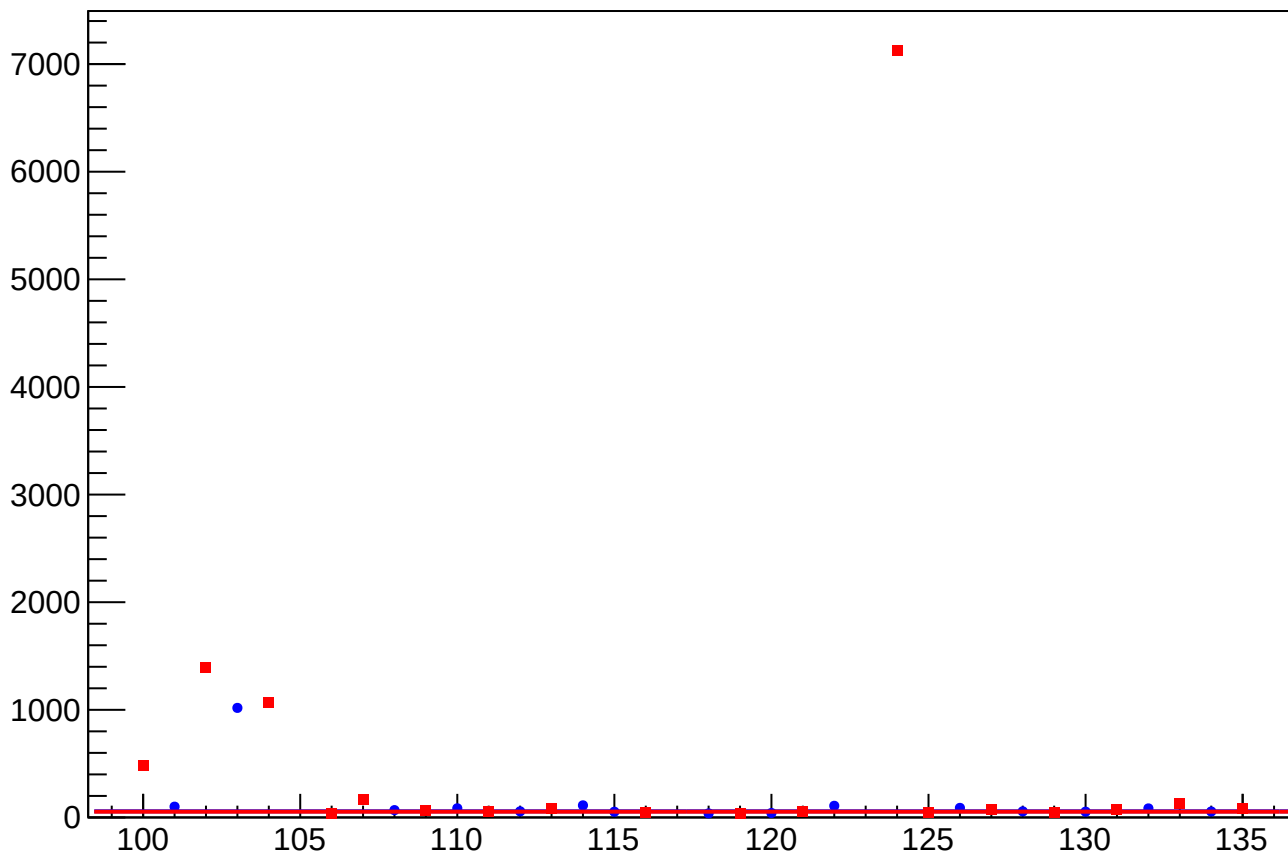
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 28.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.756+/-0.018 χ^2/NDF : 3335654.0/17

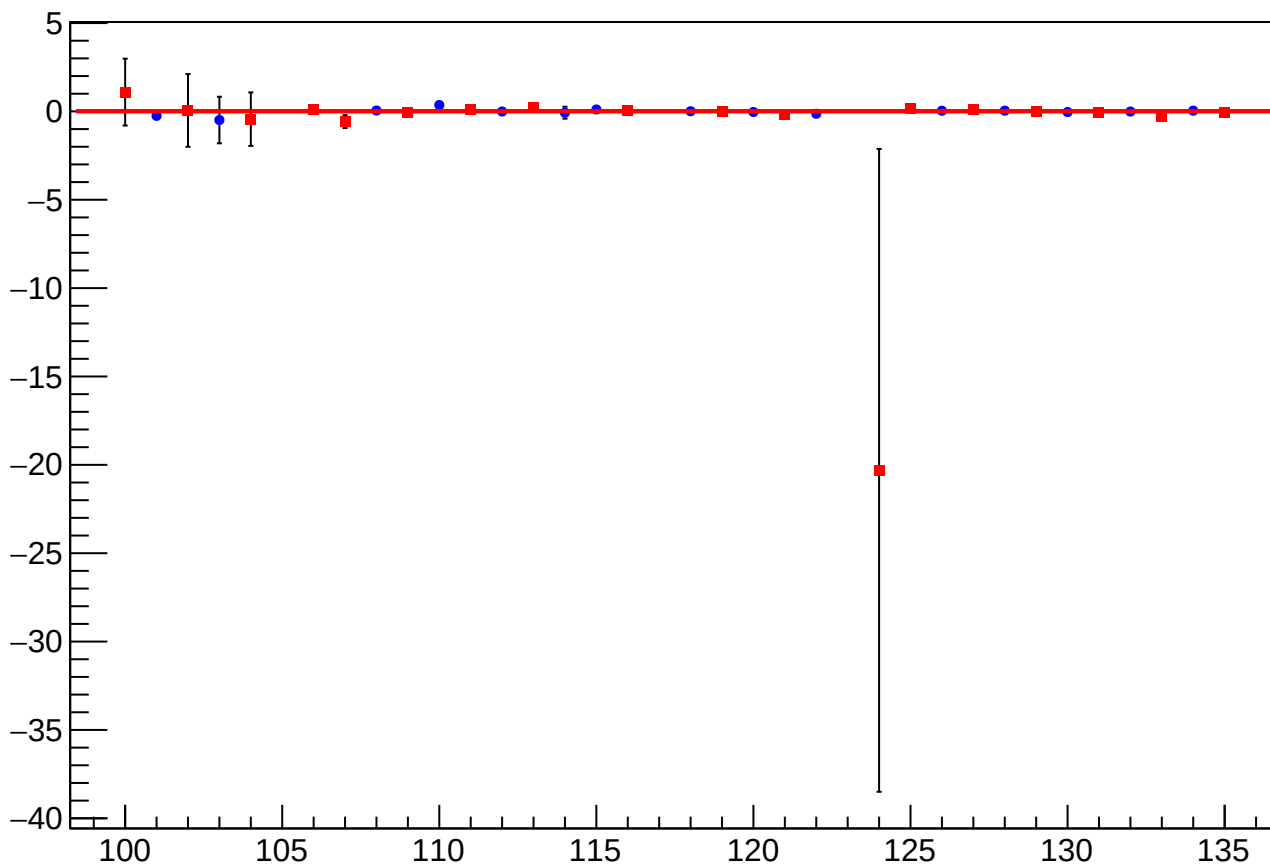
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.377+/-0.013 χ^2/NDF : 5413450.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.026 χ^2 /NDF: 17.4/17

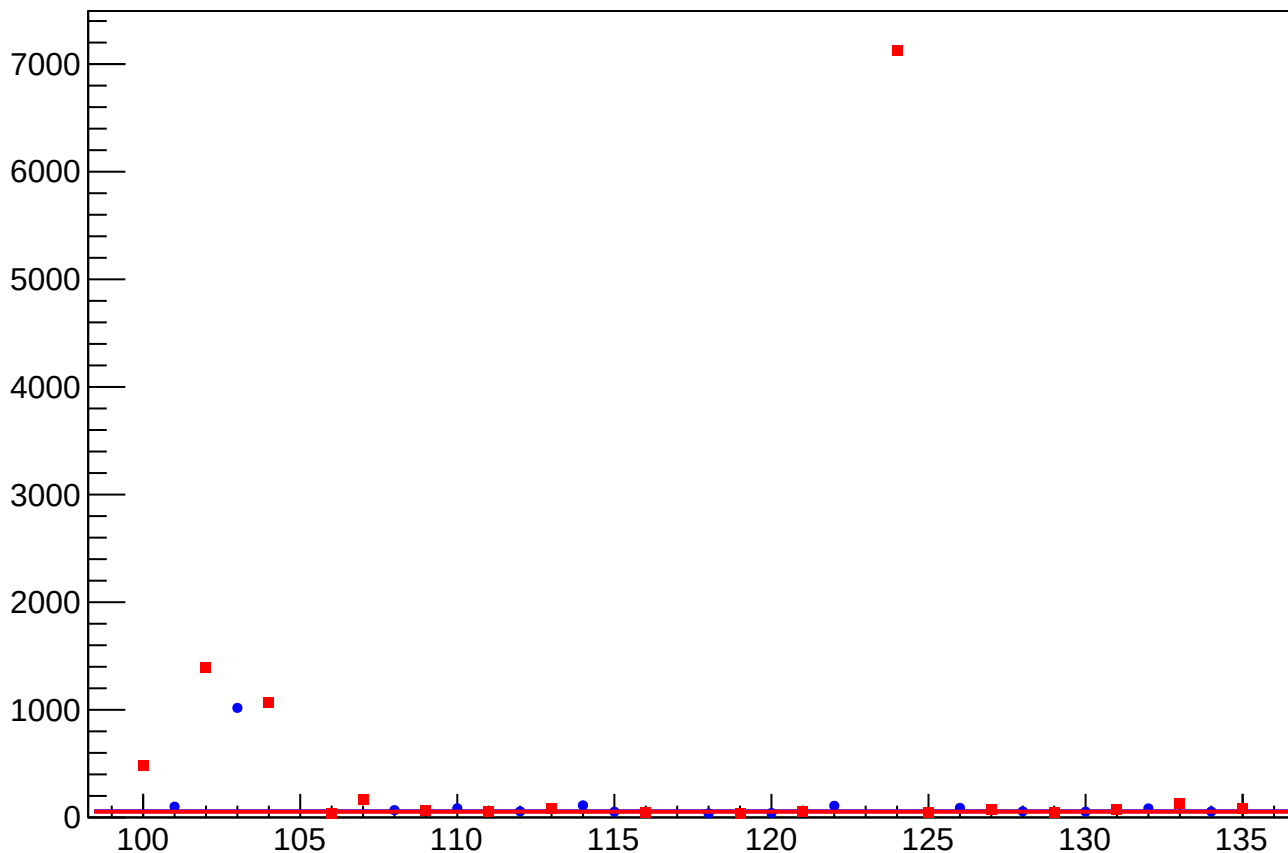
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 28.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.180+/-0.019 χ^2/NDF : 2061193.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.756+/-0.018 χ^2/NDF : 3335654.0/17

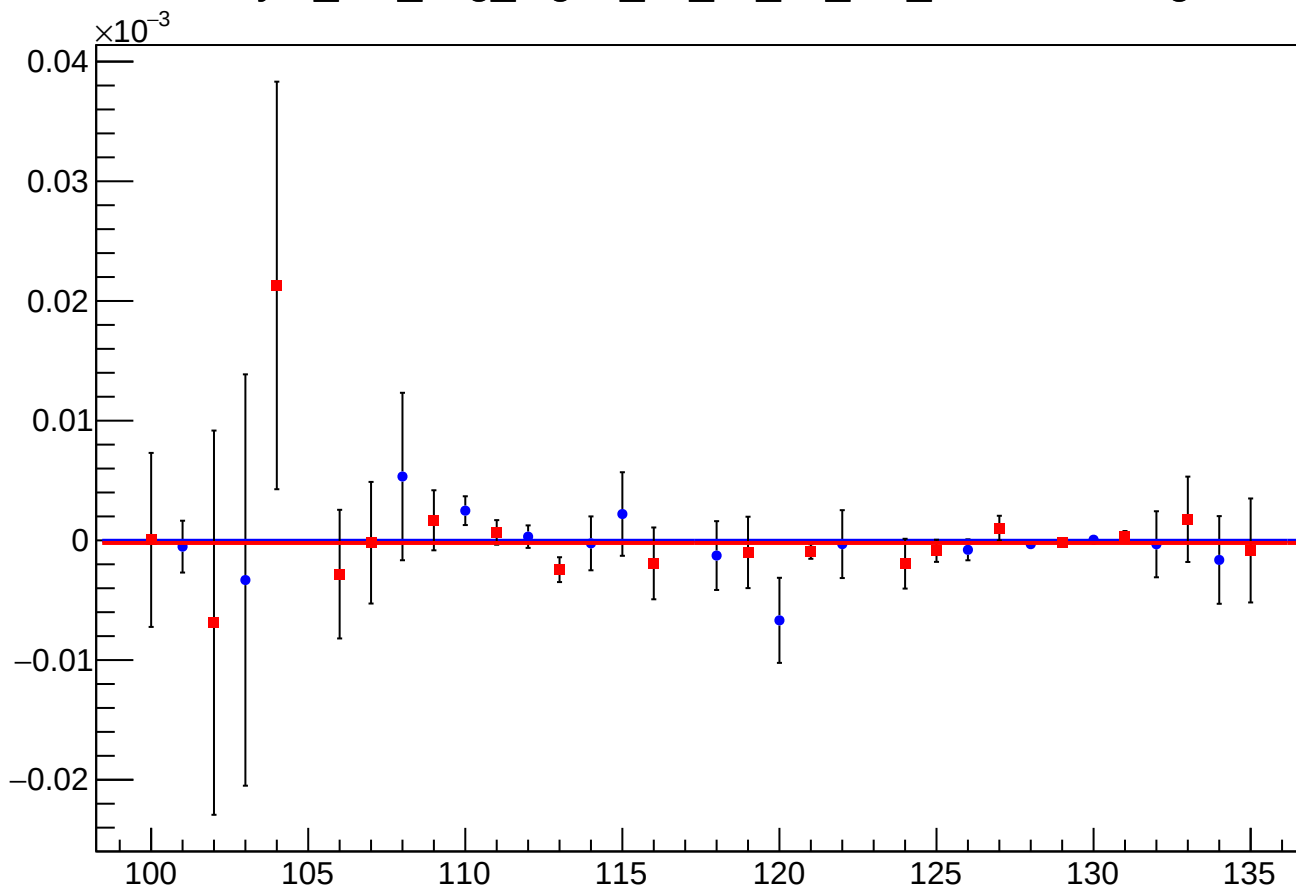
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.377+/-0.013 χ^2/NDF : 5413450.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/17

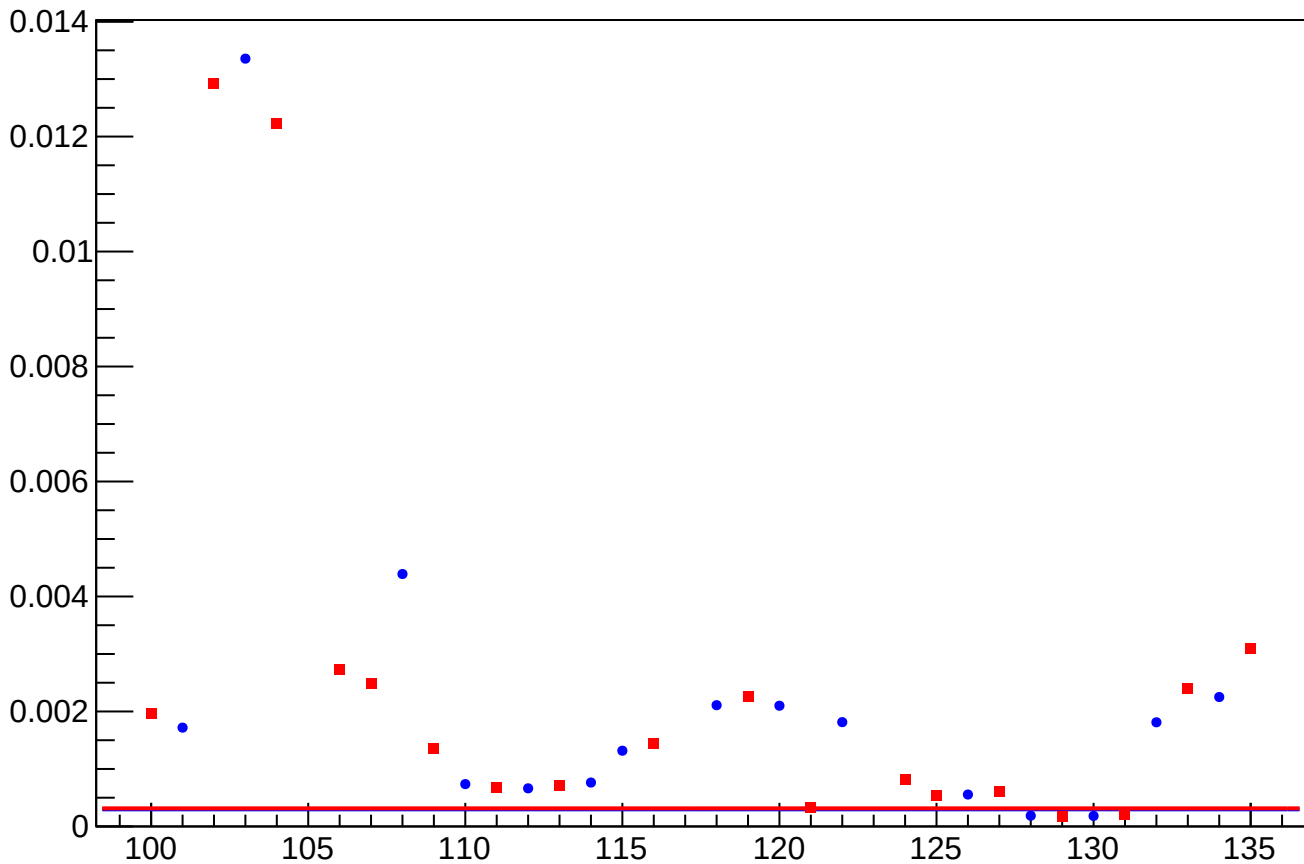
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 7330419.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 7692317.0/17

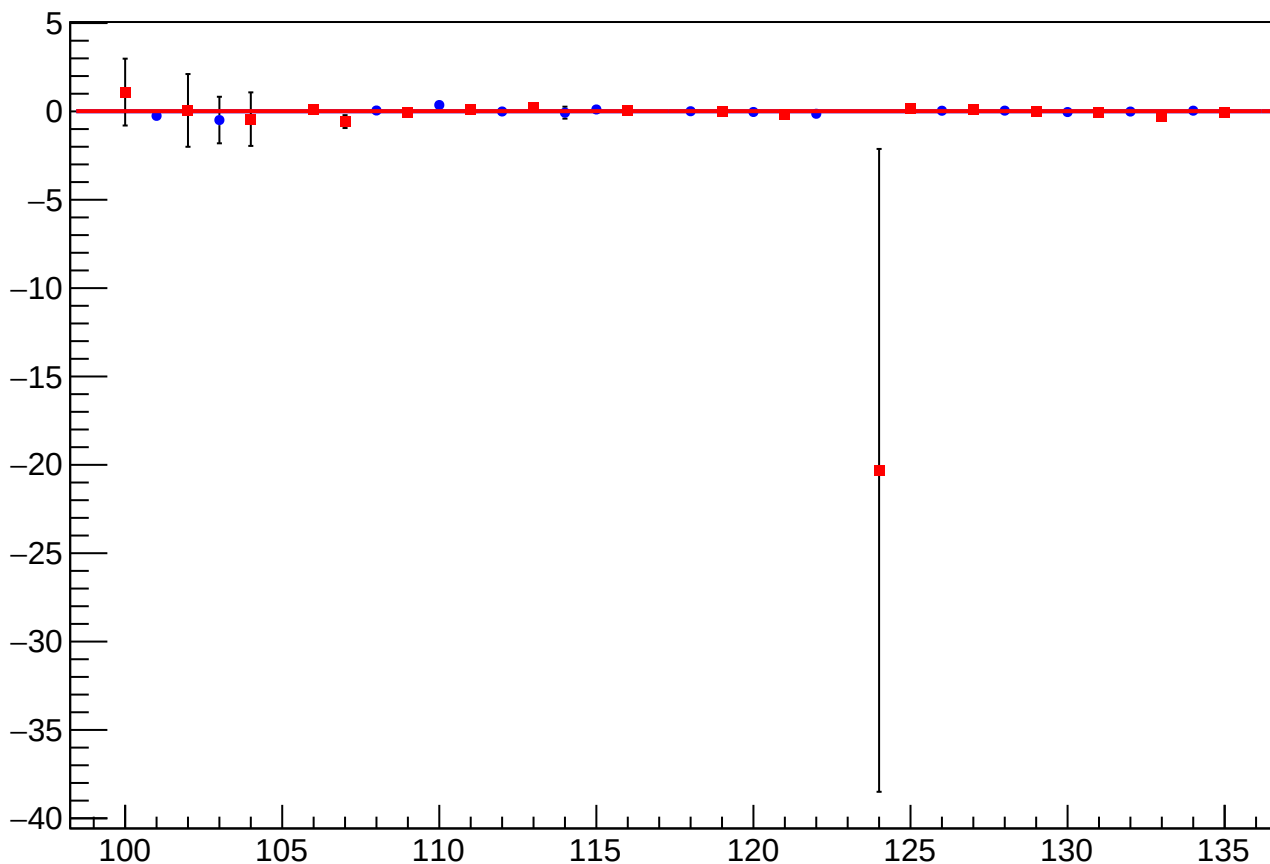
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 15030418.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.026 χ^2 /NDF: 17.4/17

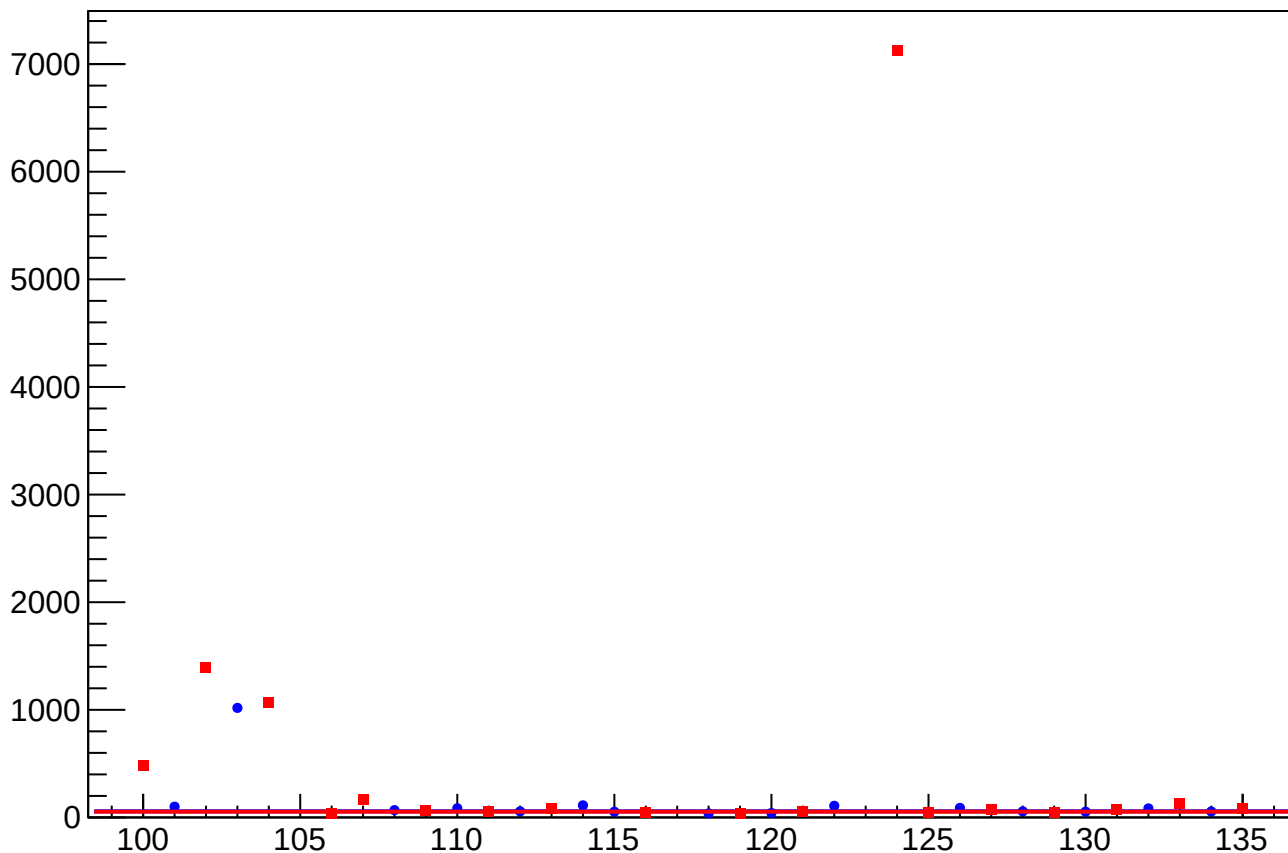
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 28.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 57.180+/-0.019 χ^2/NDF : 2061202.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.755+/-0.018 χ^2/NDF : 3335711.0/17

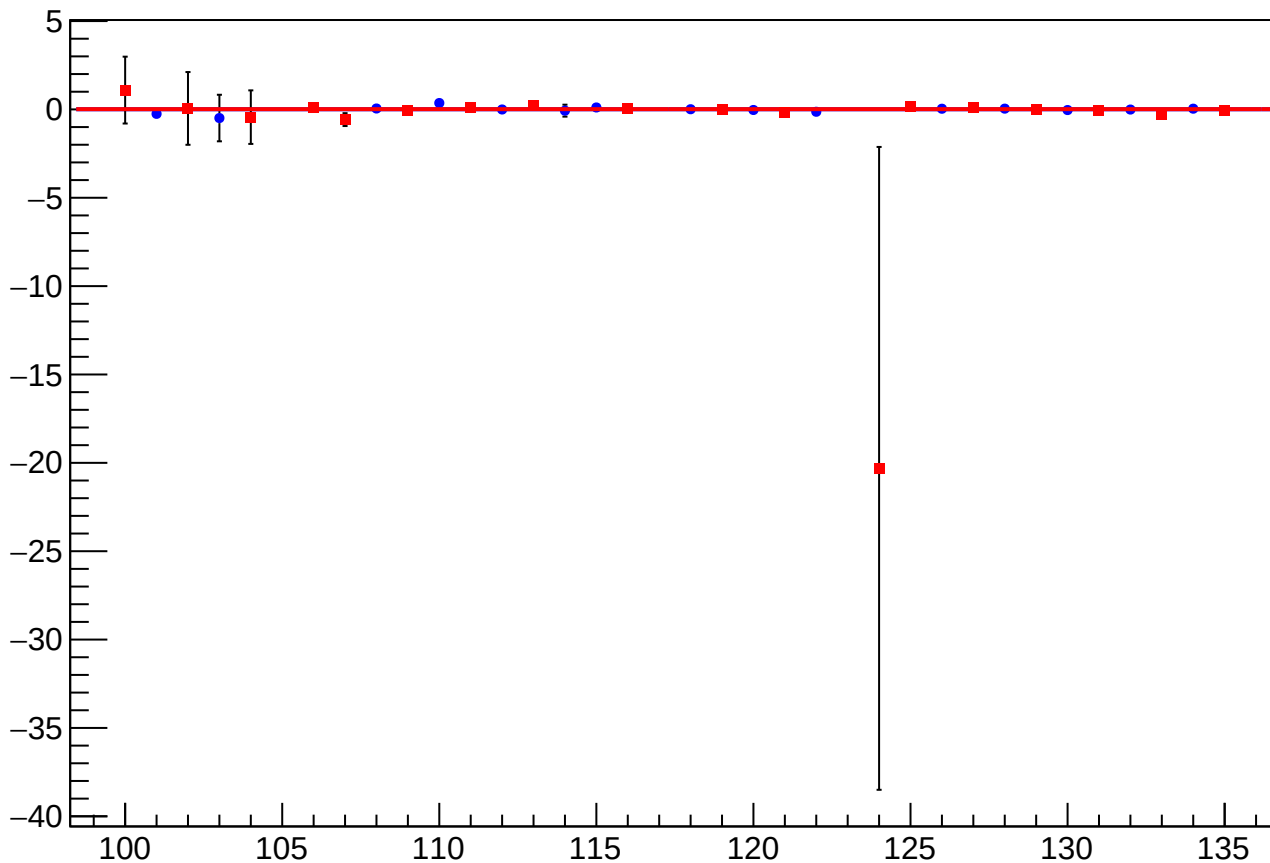
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.377+/-0.013 χ^2/NDF : 5413524.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.007 $\pm$ 0.027 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.014 $\pm$ 0.026 χ^2 /NDF: 17.4/17

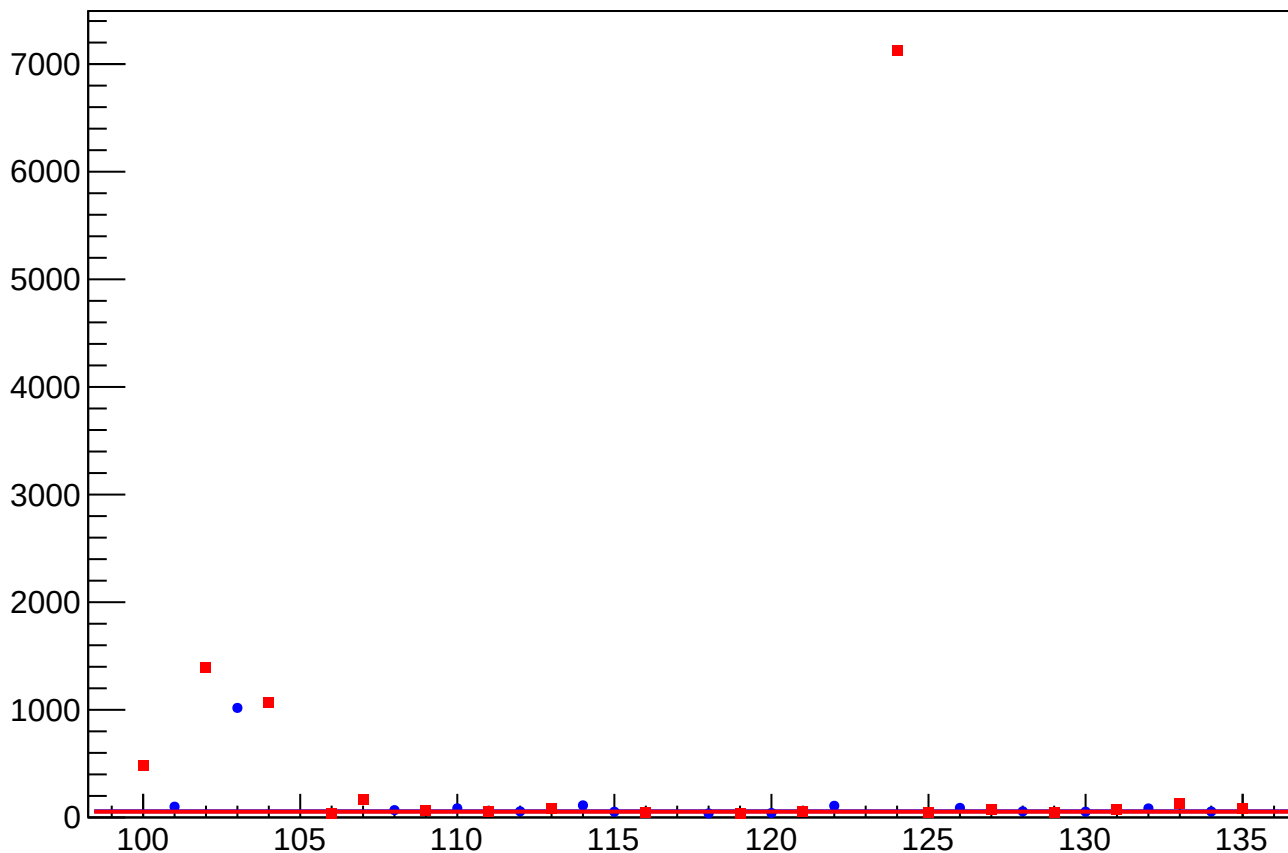
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.019 χ^2 /NDF: 28.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 57.180+/-0.019 χ^2/NDF : 2061202.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.755+/-0.018 χ^2/NDF : 3335711.0/17

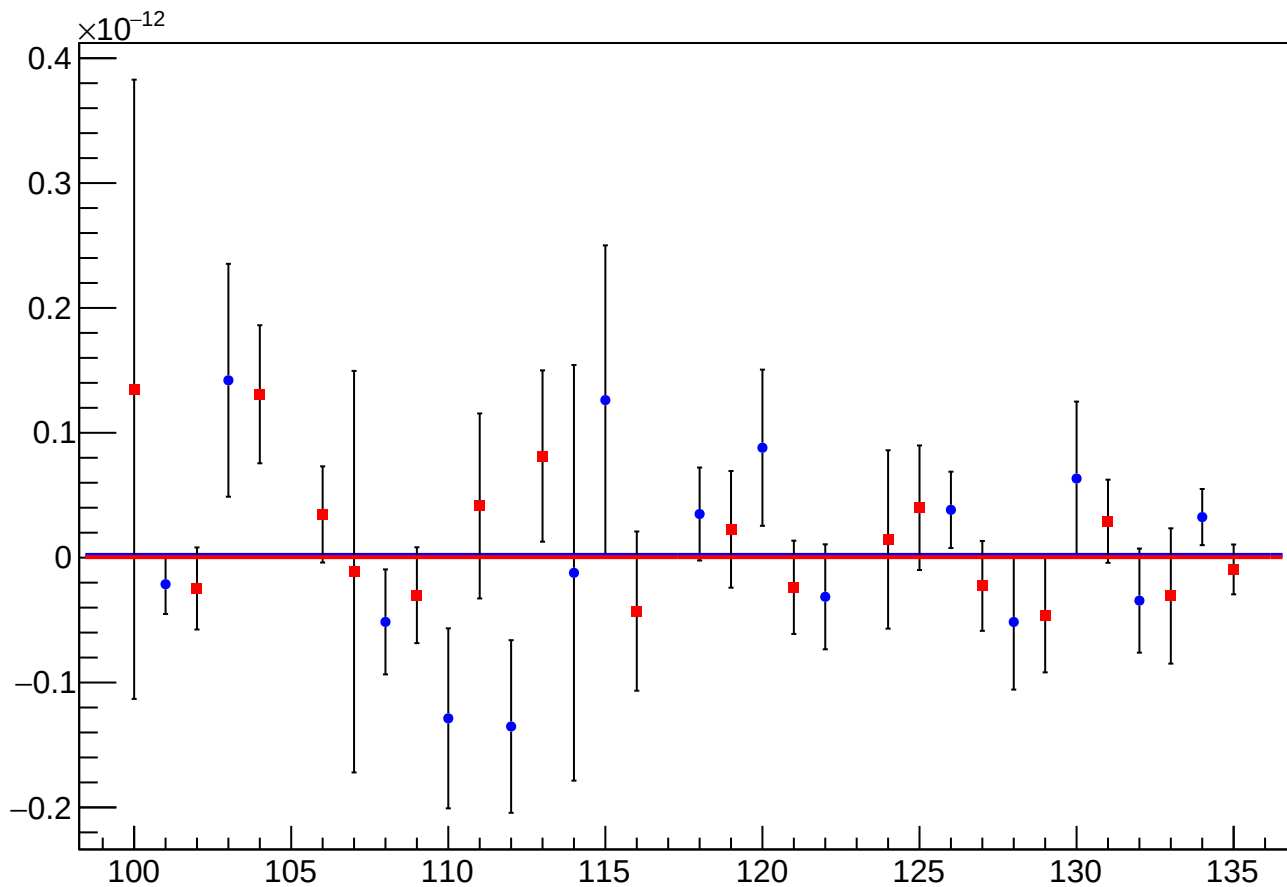
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.377+/-0.013 χ^2/NDF : 5413524.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.3/14

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

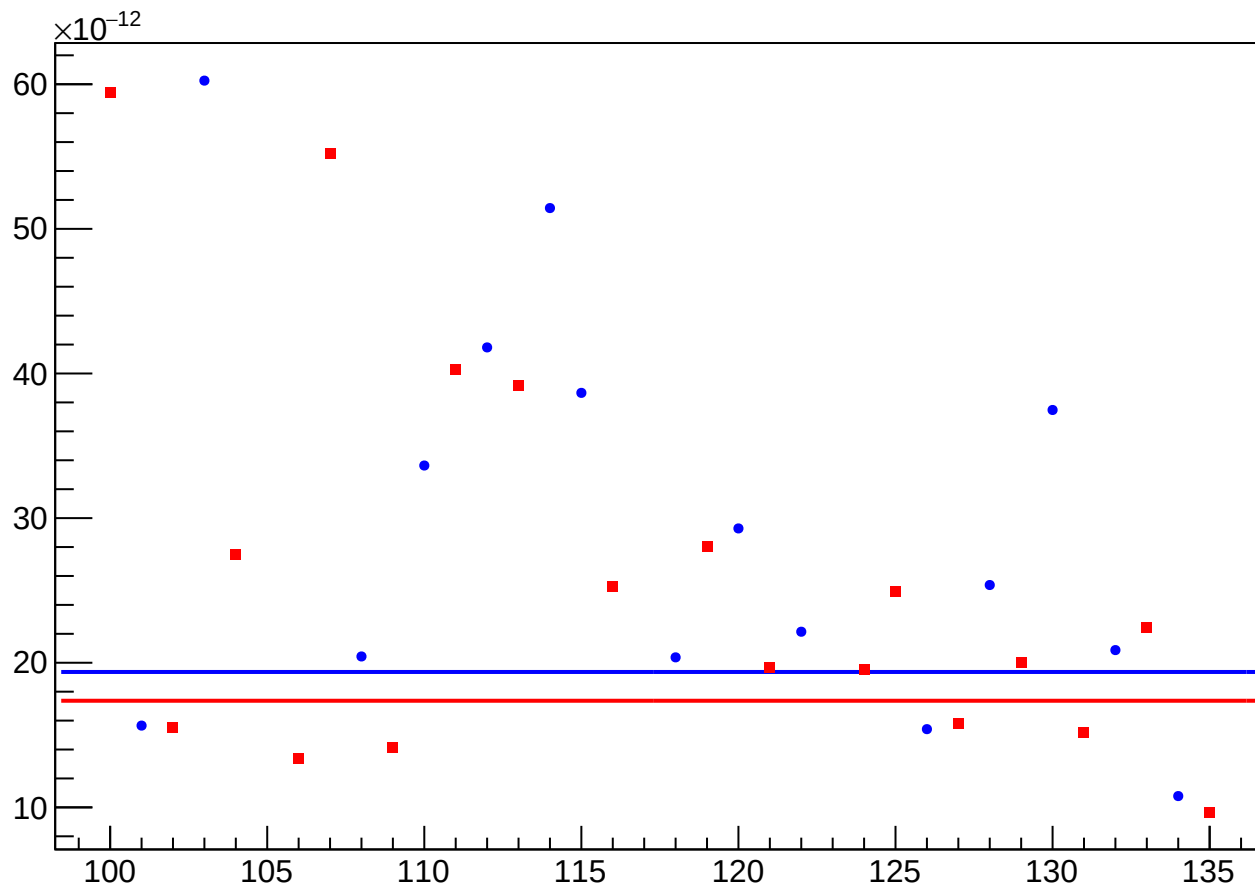
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1431455.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1196494.4/17

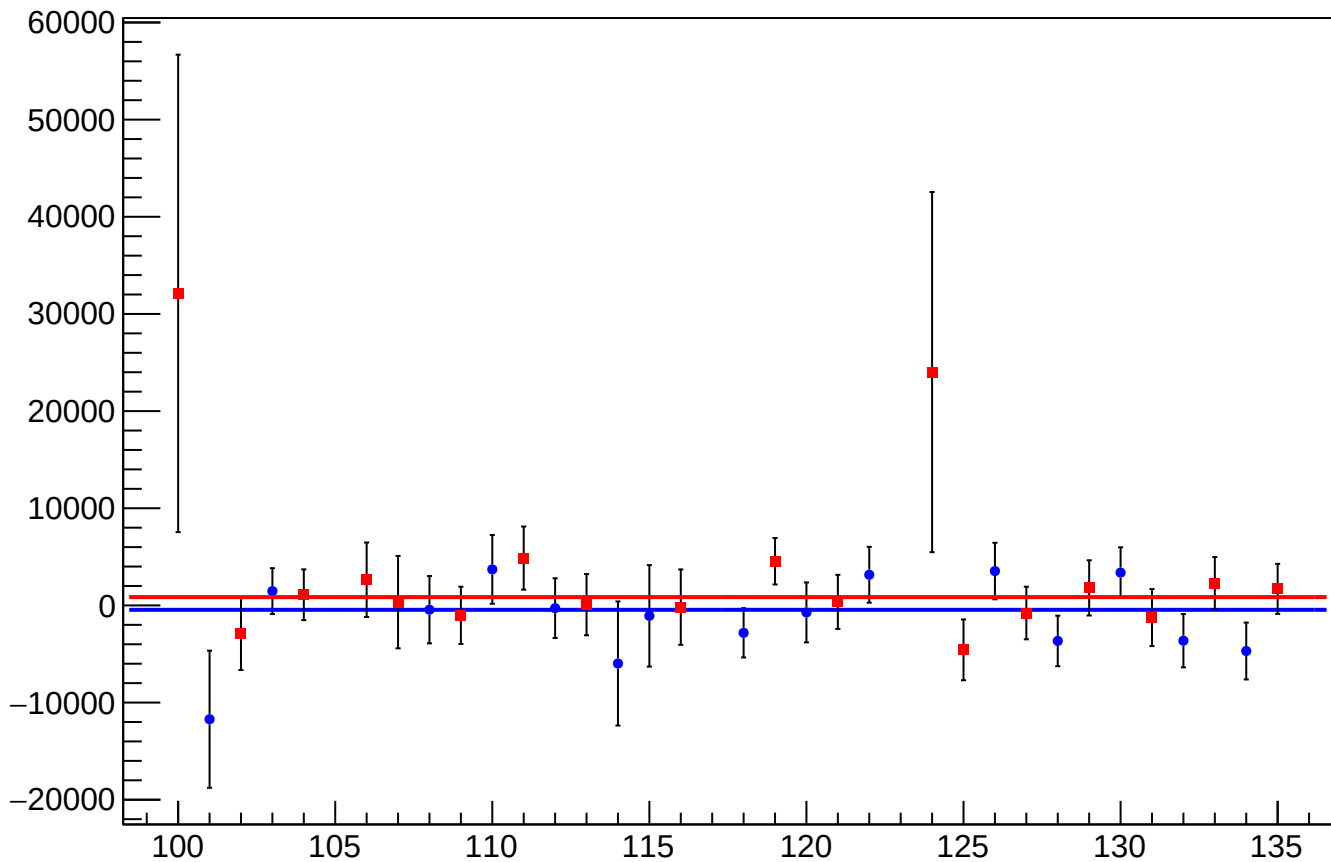
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2664938.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_mean vs Slug



Right In: -453.008+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 855.659+/-748.204 χ^2/NDF : 13.3/17

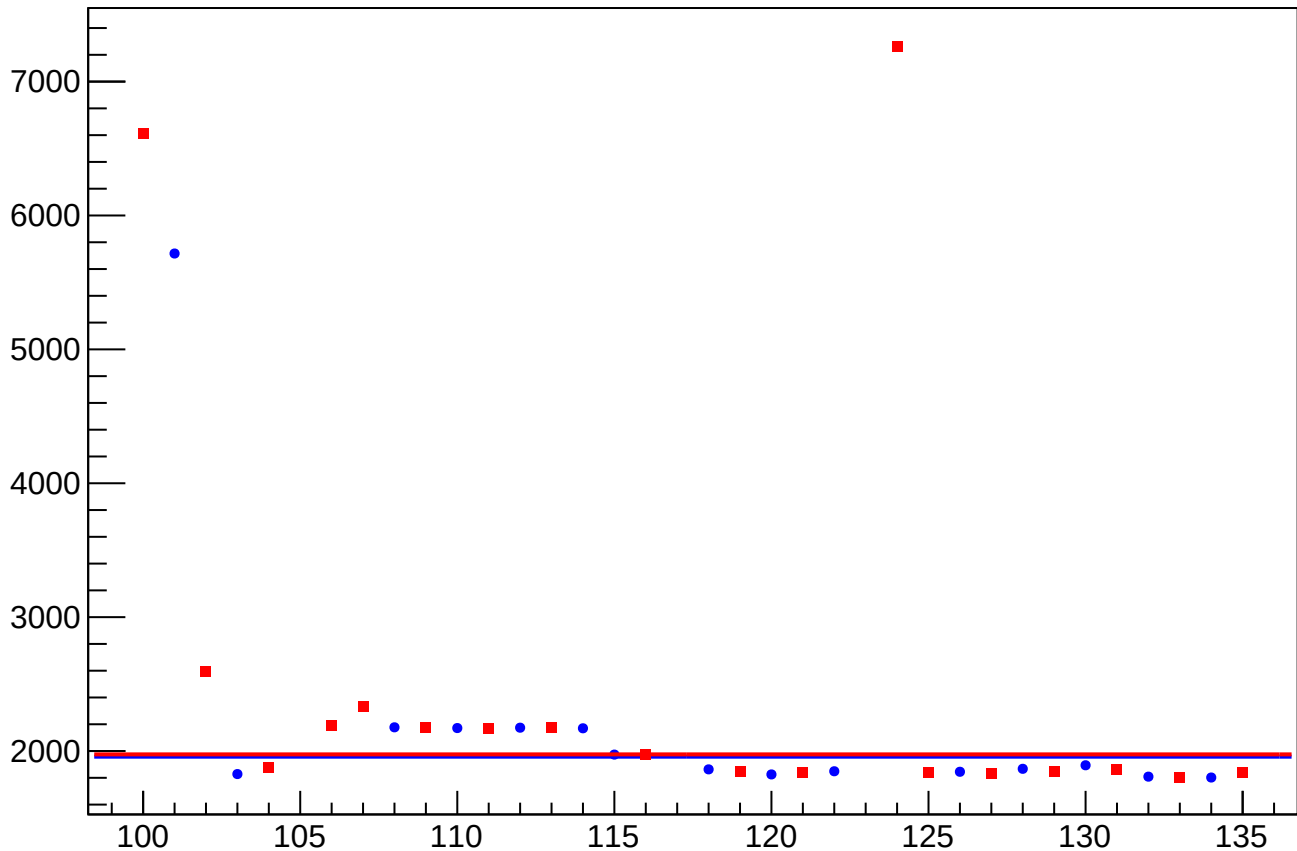
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.445+/-545.430 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_rms vs Slug



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1975.024+/-0.529 χ^2/NDF : 374791.2/17

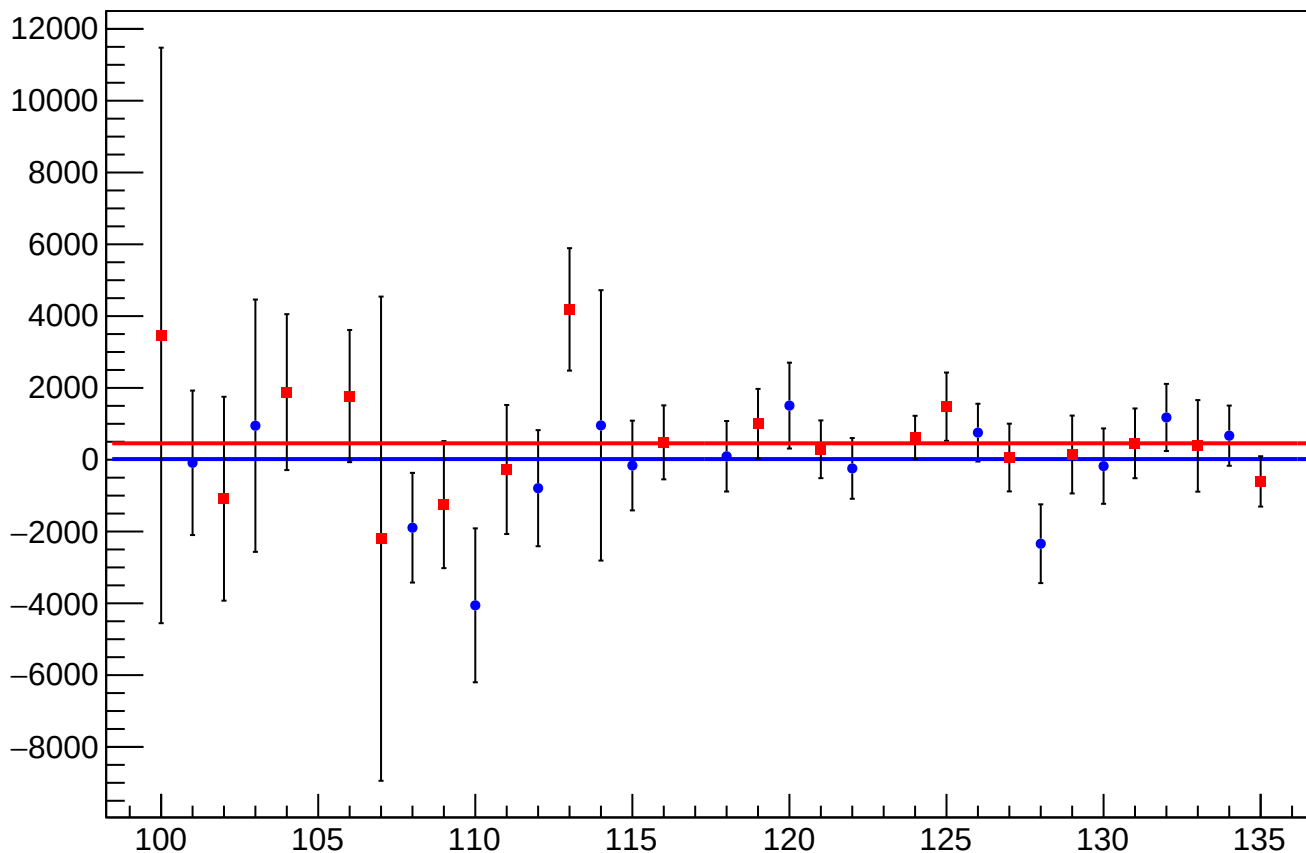
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1967.019+/-0.386 χ^2/NDF : 1003288.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_mean vs Slug



Right In: 17.611+/-300.849 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 457.133+/-260.679 χ^2/NDF : 11.6/17

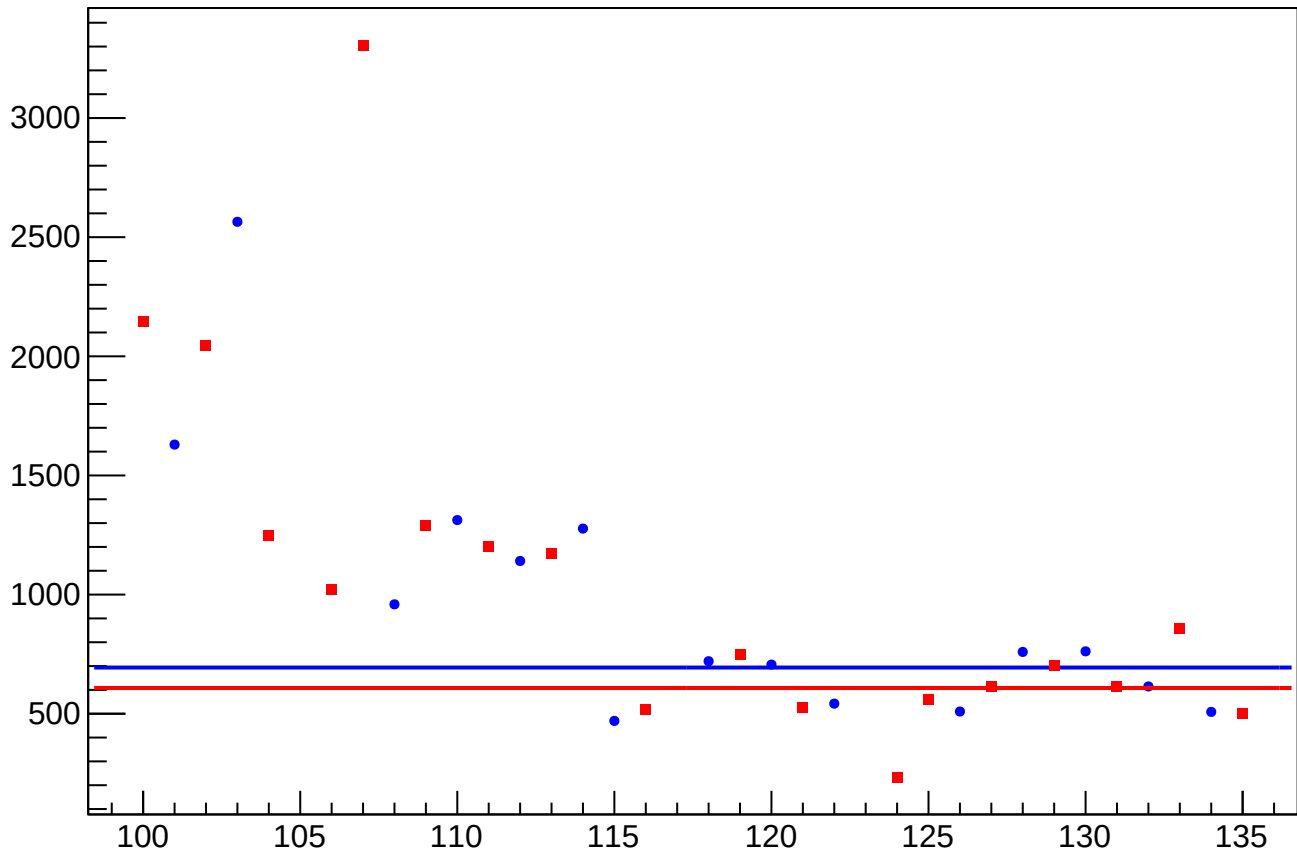
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 268.654+/-197.010 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_correction_rms vs Slug



Right In: 693.822+/-0.213 χ^2/NDF : 1790950.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 608.038+/-0.184 χ^2/NDF : 2909060.7/17

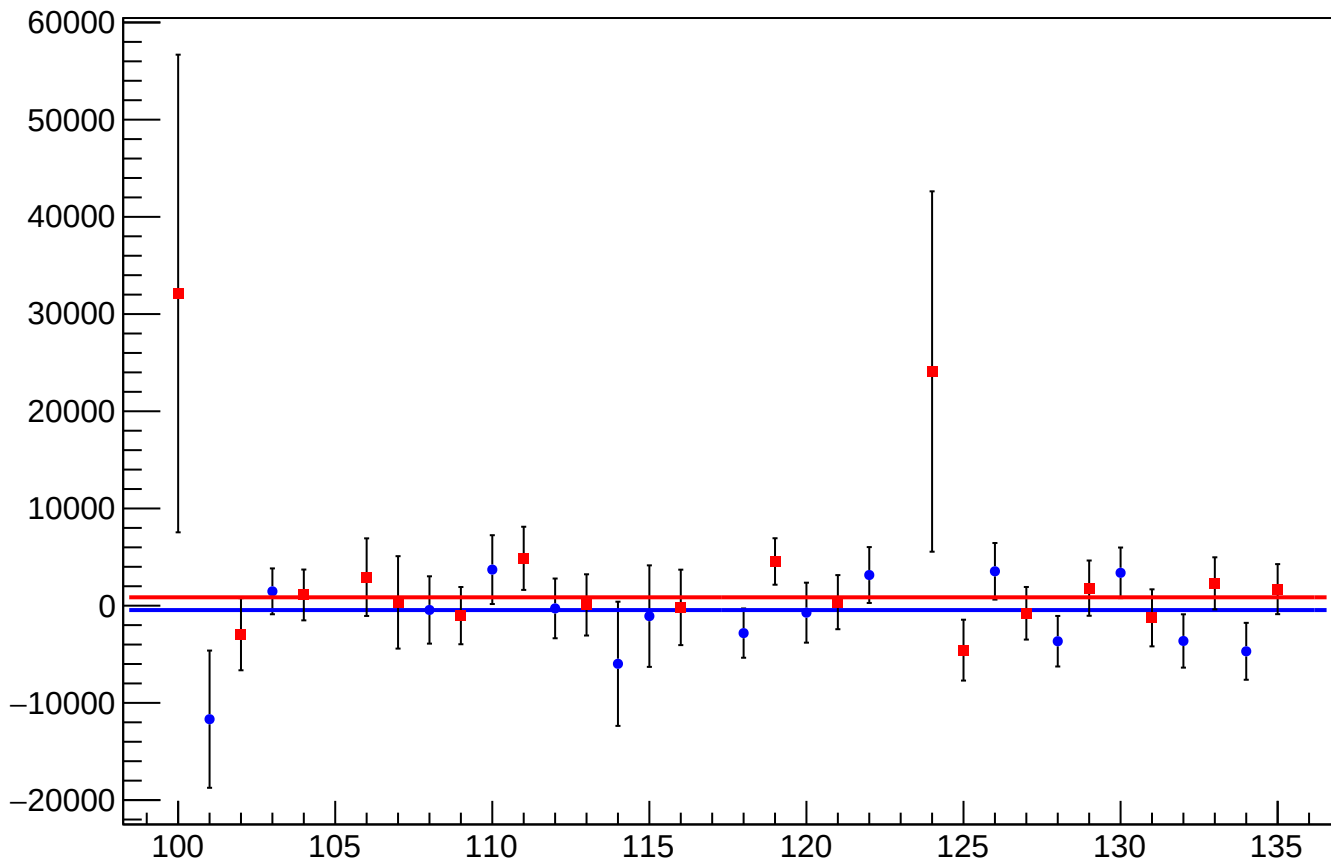
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 644.824+/-0.139 χ^2/NDF : 4792889.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_mean vs Slug



Right In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.302+/-749.332 χ^2/NDF : 13.4/17

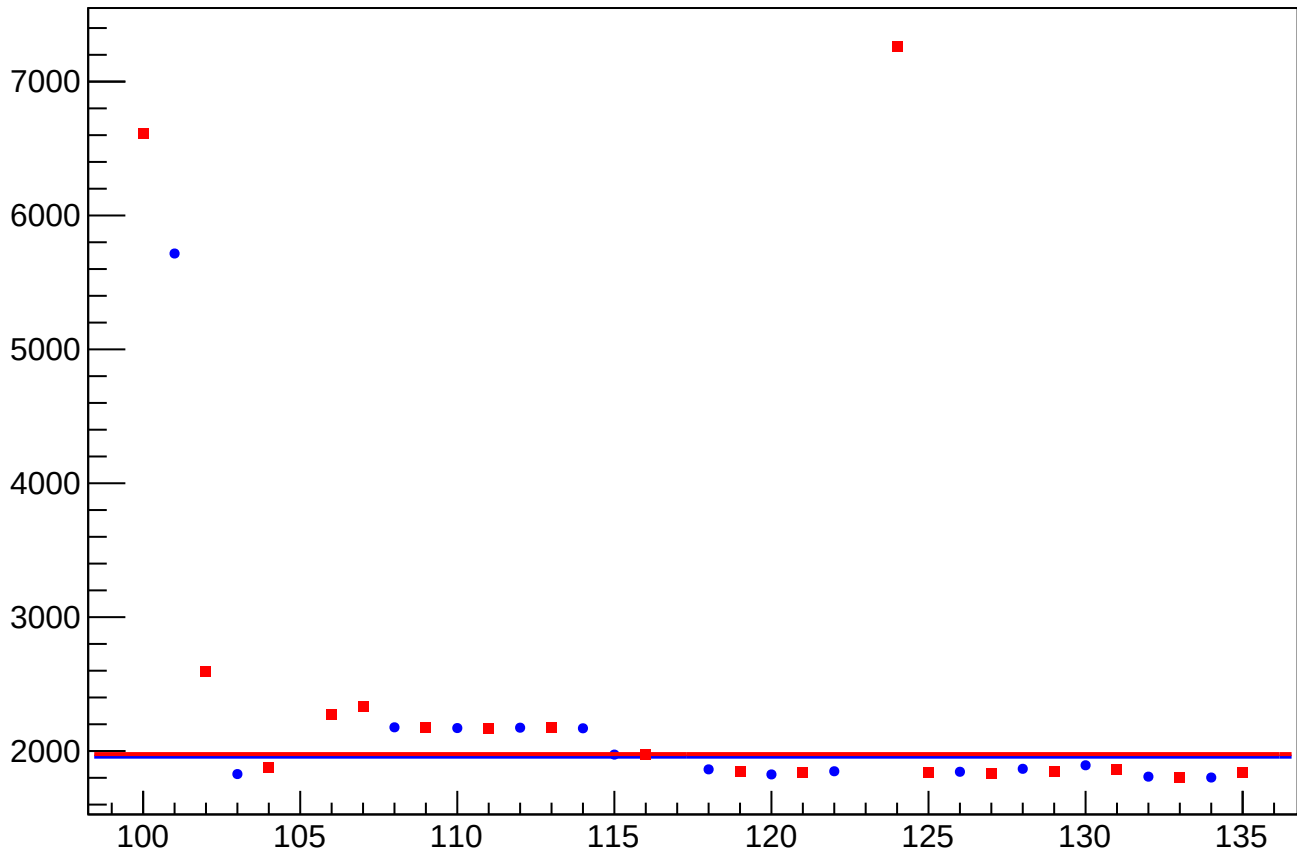
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.902+/-545.867 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_rms vs Slug



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

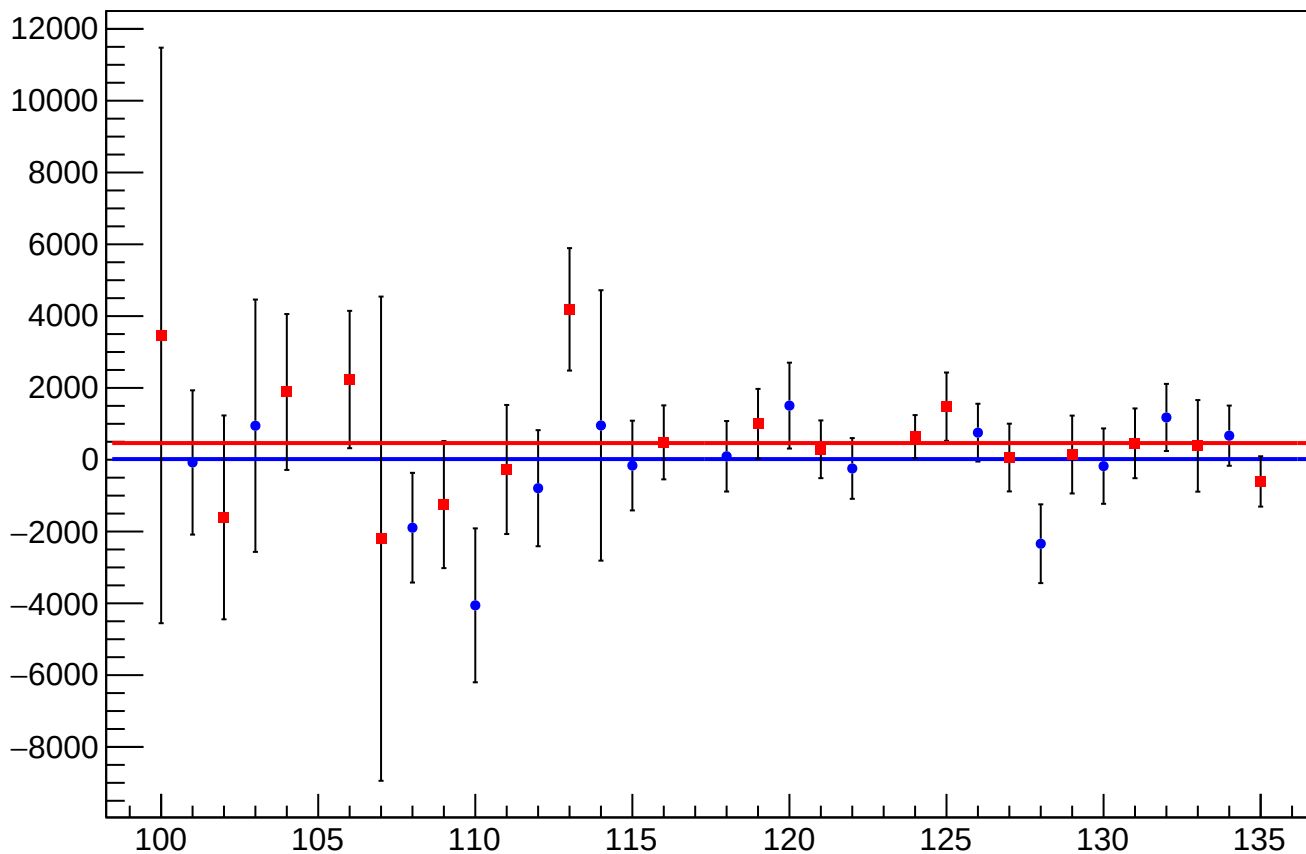
Right Out: 1977.270+/-0.530 χ^2/NDF : 379495.3/17

All: 1968.198+/-0.386 χ^2/NDF : 1008128.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_cor_correction_mean vs Slug



Right In: 17.748 $\pm$ 300.832 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 464.190 $\pm$ 260.513 χ^2 /NDF: 12.2/17

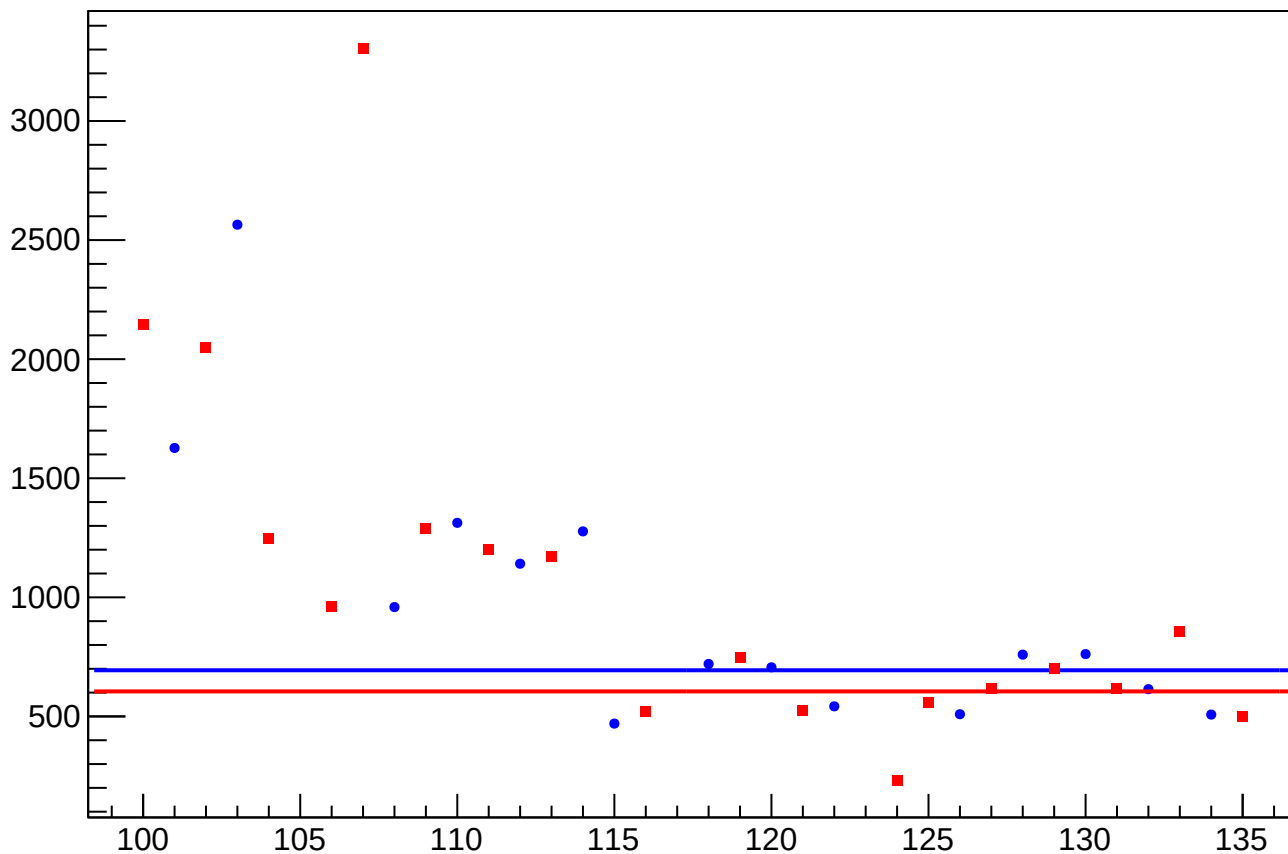
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 272.870 $\pm$ 196.934 χ^2 /NDF: 28.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_cor_correction_rms vs Slug



Right In: 693.814 $\pm$ 0.213 χ^2 /NDF: 1790086.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 605.083 $\pm$ 0.184 χ^2 /NDF: 2896849.9/17

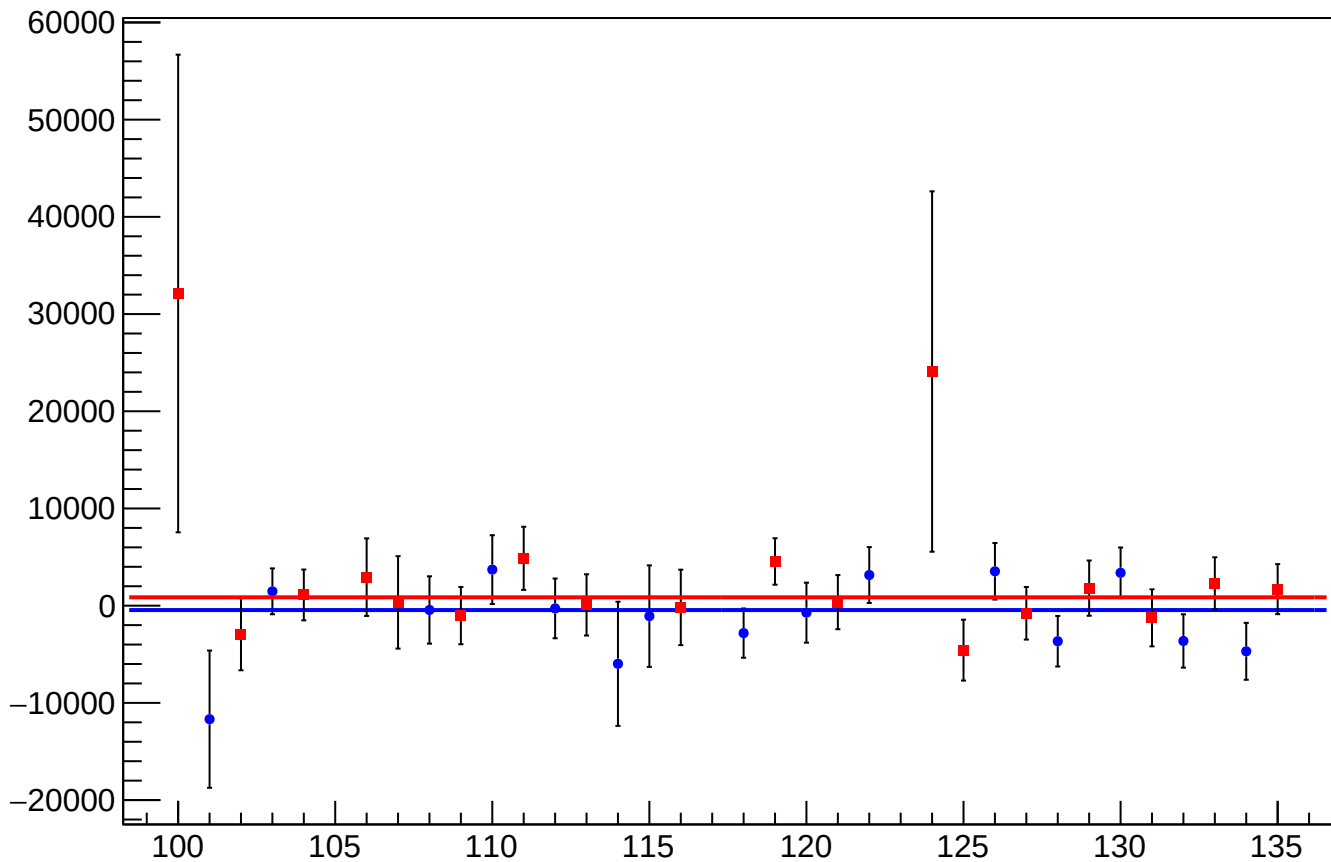
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 643.108 $\pm$ 0.139 χ^2 /NDF: 4786365.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_mean vs Slug



Right In: -452.058+/-796.797 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.302+/-749.332 χ^2/NDF : 13.4/17

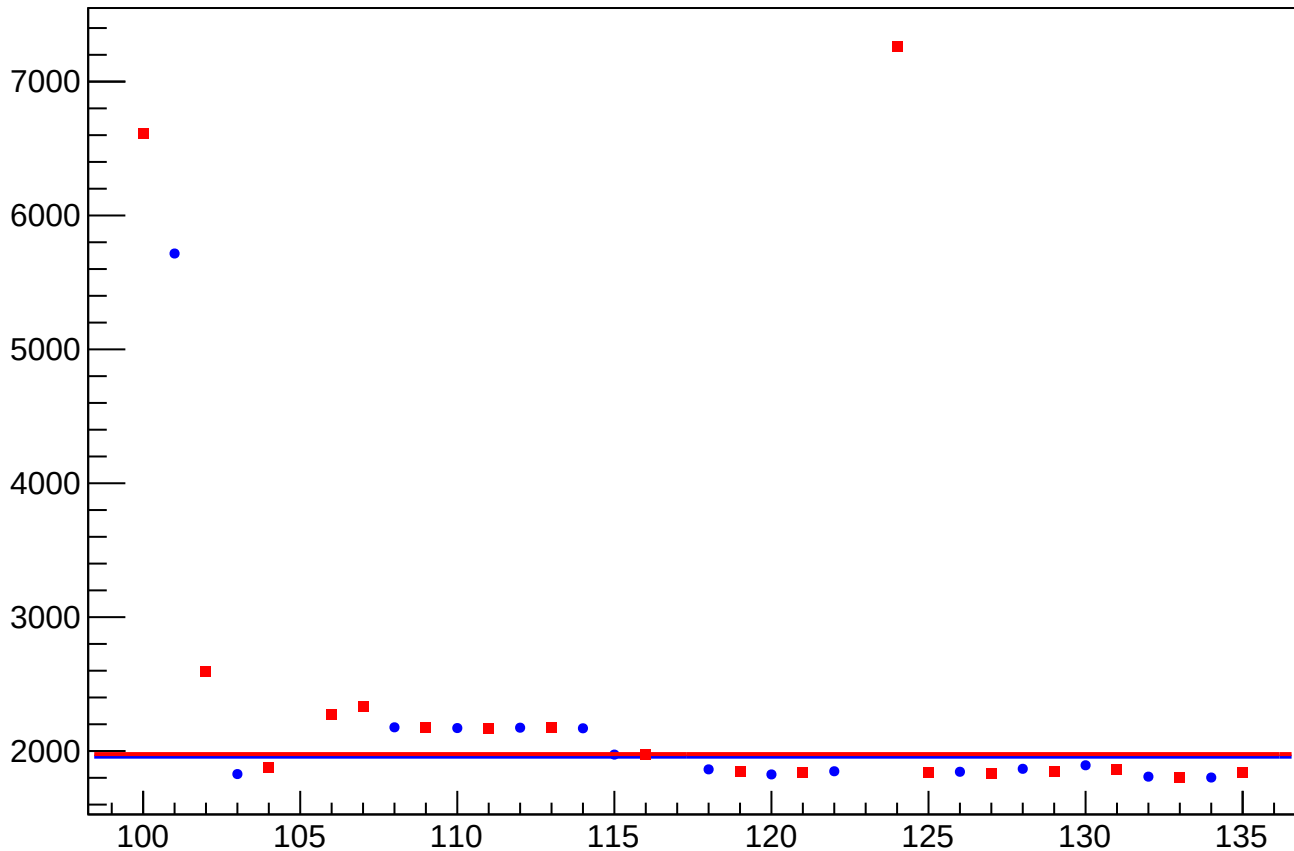
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 244.902+/-545.867 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_rms vs Slug



Right In: 1957.940+/-0.563 χ^2/NDF : 628008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

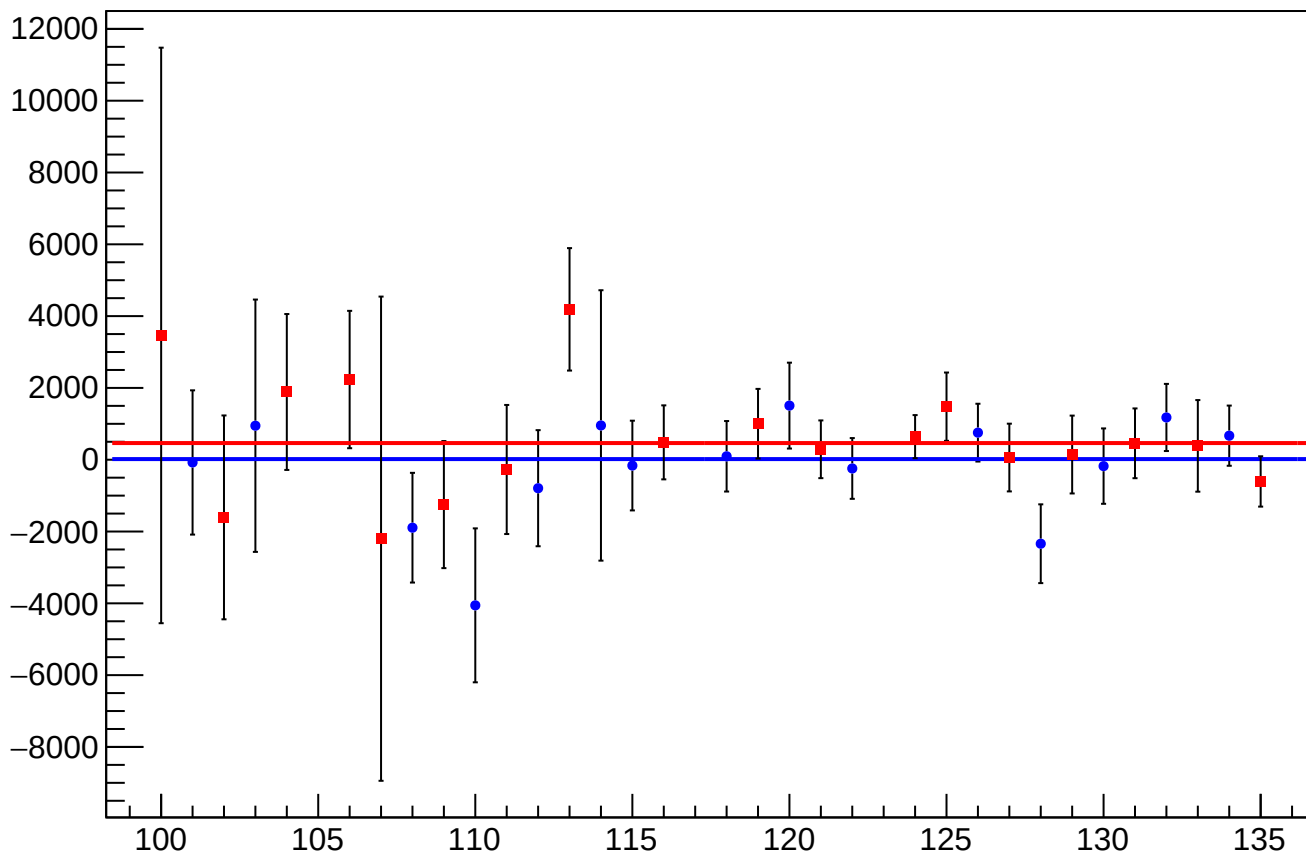
Right Out: 1977.270+/-0.530 χ^2/NDF : 379495.3/17

All: 1968.198+/-0.386 χ^2/NDF : 1008128.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_correction_mean vs Slug



Right In: 17.748 $\pm$ 300.832 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 464.190 $\pm$ 260.513 χ^2 /NDF: 12.2/17

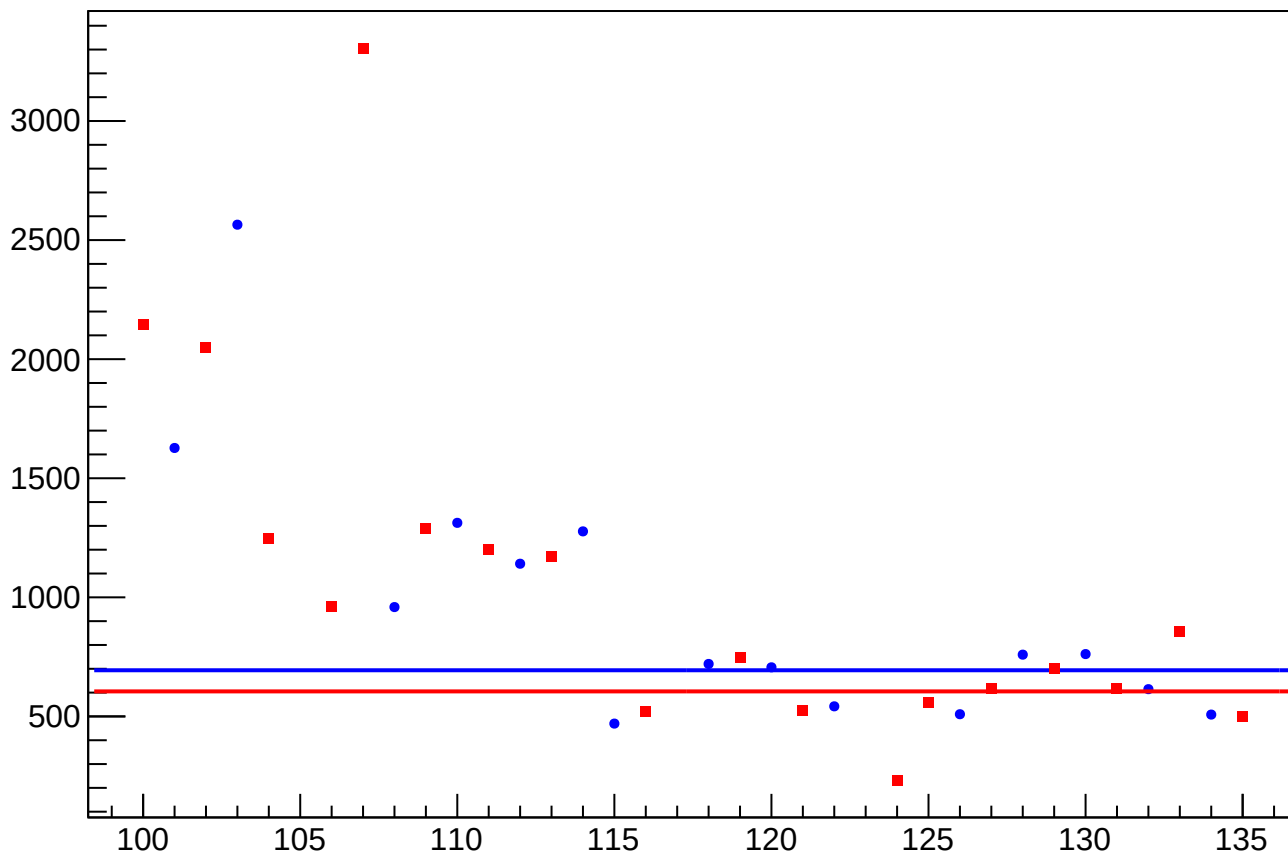
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 272.870 $\pm$ 196.934 χ^2 /NDF: 28.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_cor_correction_rms vs Slug



Right In: 693.814+/-0.213 χ^2/NDF : 1790086.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 605.083+/-0.184 χ^2/NDF : 2896849.9/17

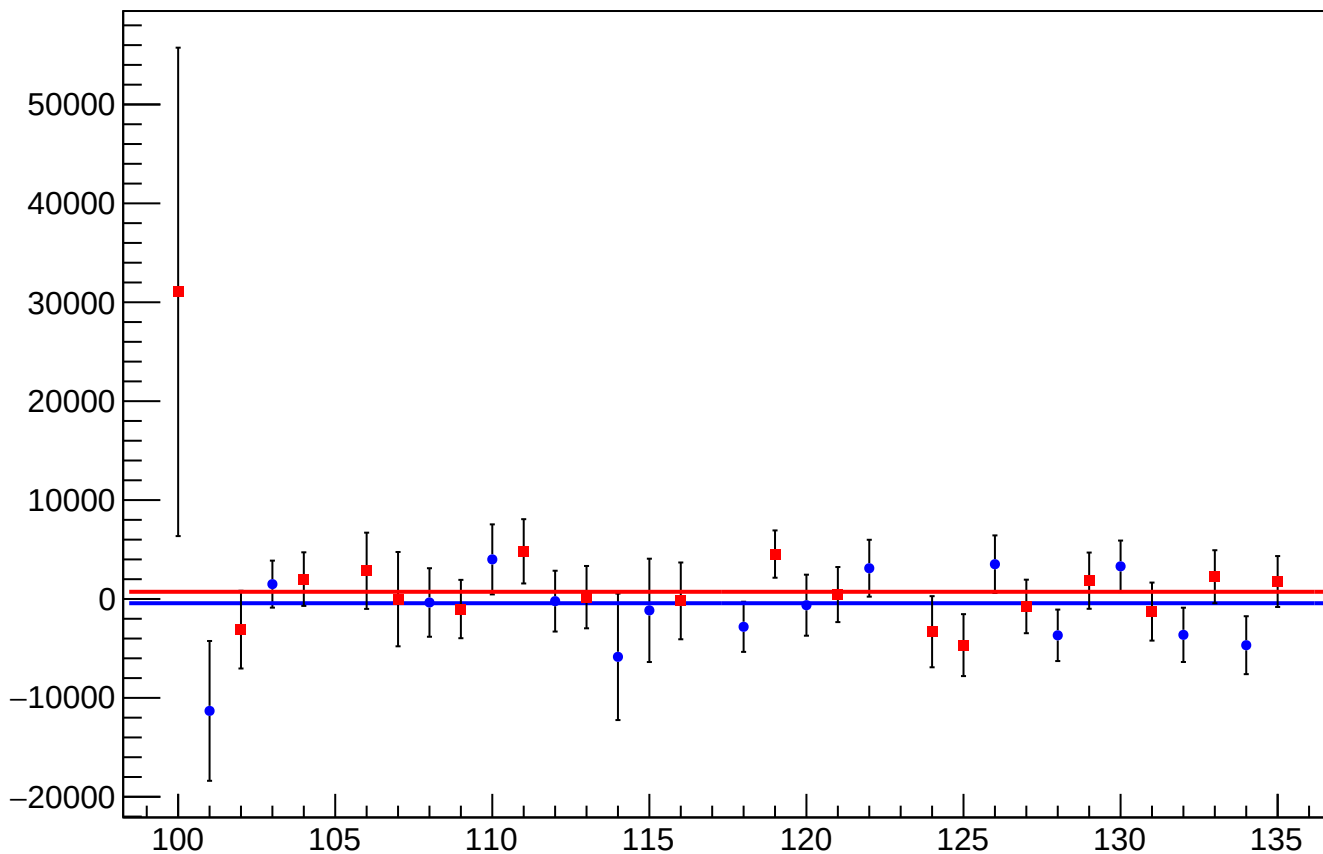
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.108+/-0.139 χ^2/NDF : 4786365.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_mean vs Slug



Right In: -428.735 ± 797.746 χ^2/NDF : 16.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 726.557 ± 737.156 χ^2/NDF : 13.2/17

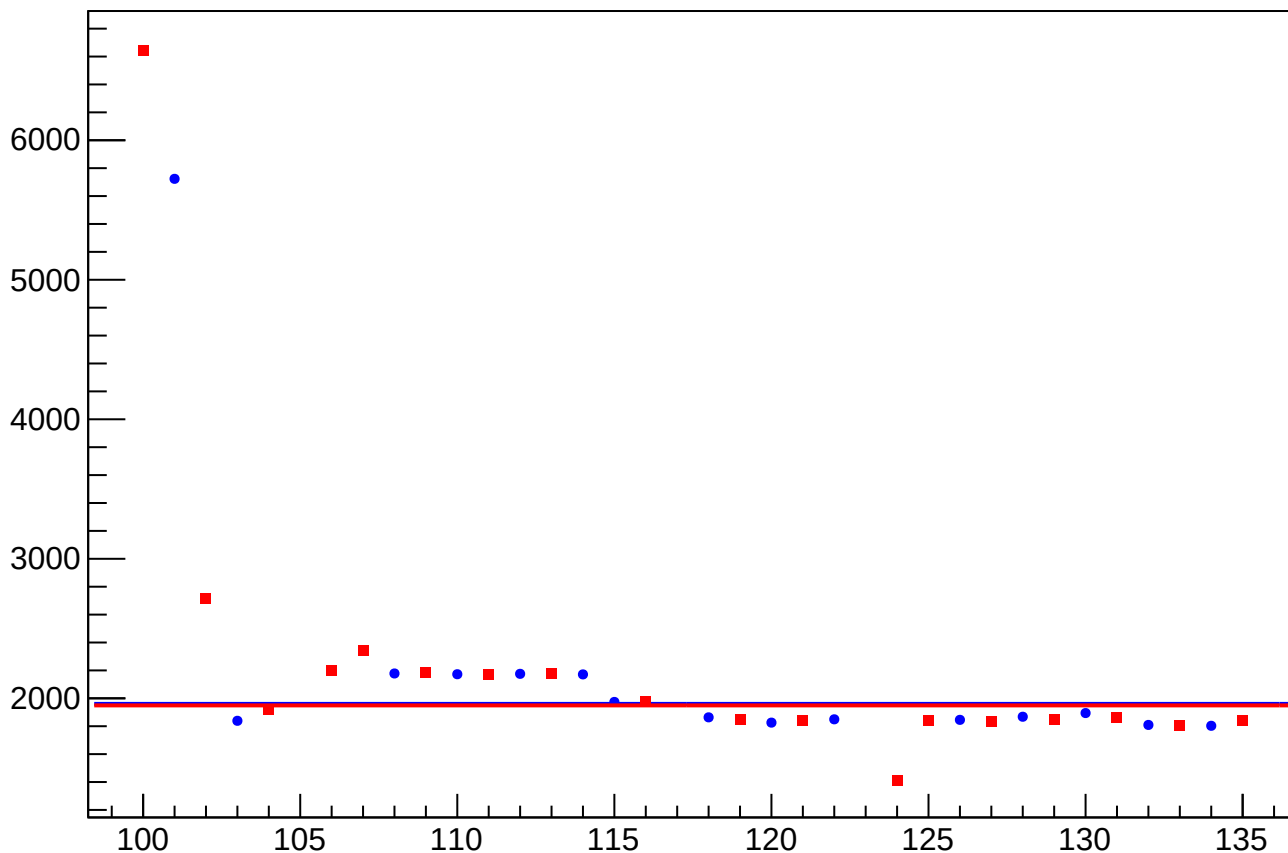
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 194.445 ± 541.403 χ^2/NDF : 31.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_rms vs Slug



Right In: 1959.958+/-0.564 χ^2/NDF : 627680.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1949.295+/-0.521 χ^2/NDF : 273635.2/17

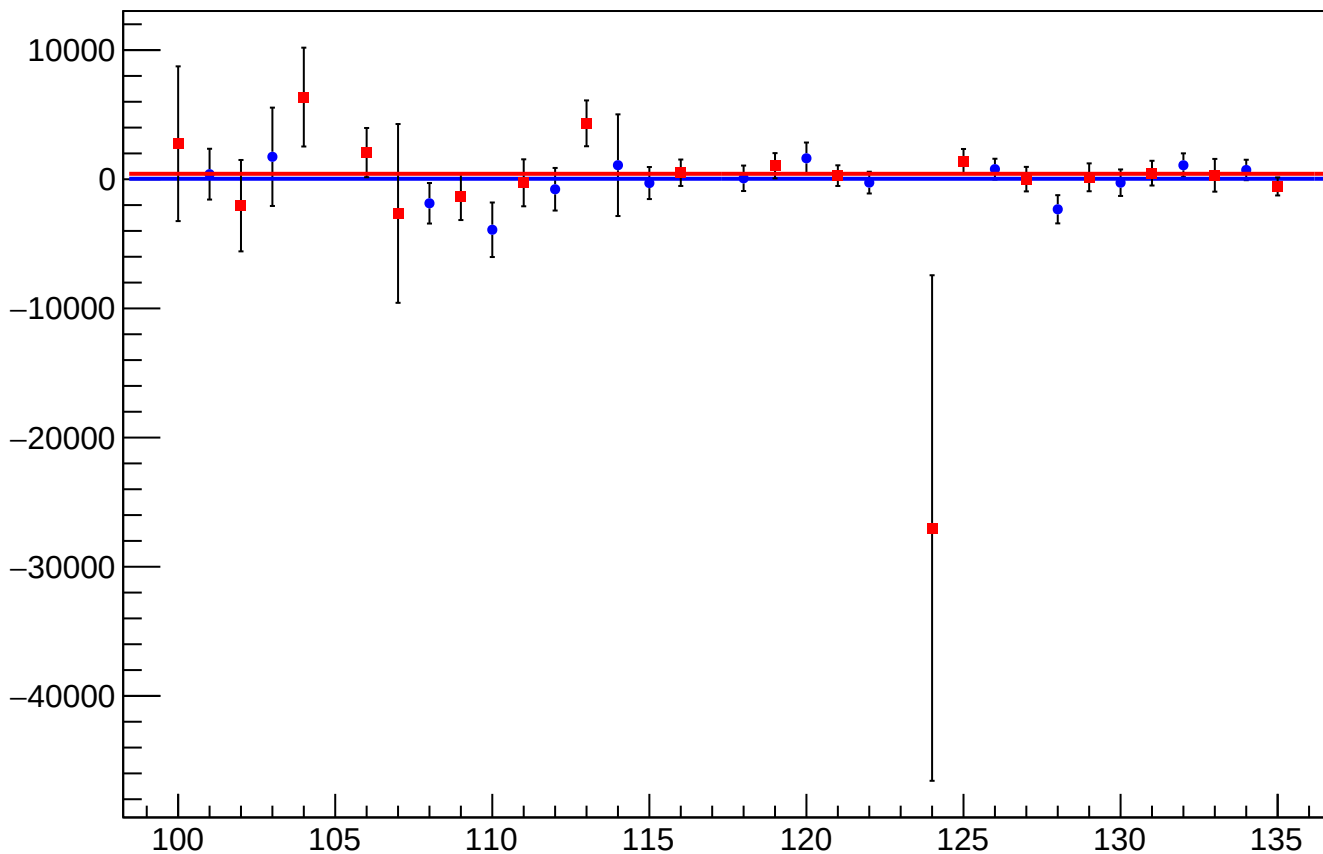
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1954.206+/-0.383 χ^2/NDF : 901508.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_mean vs Slug



Right In: 38.122+/-297.917 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.704+/-290.374 χ^2/NDF : 15.7/17

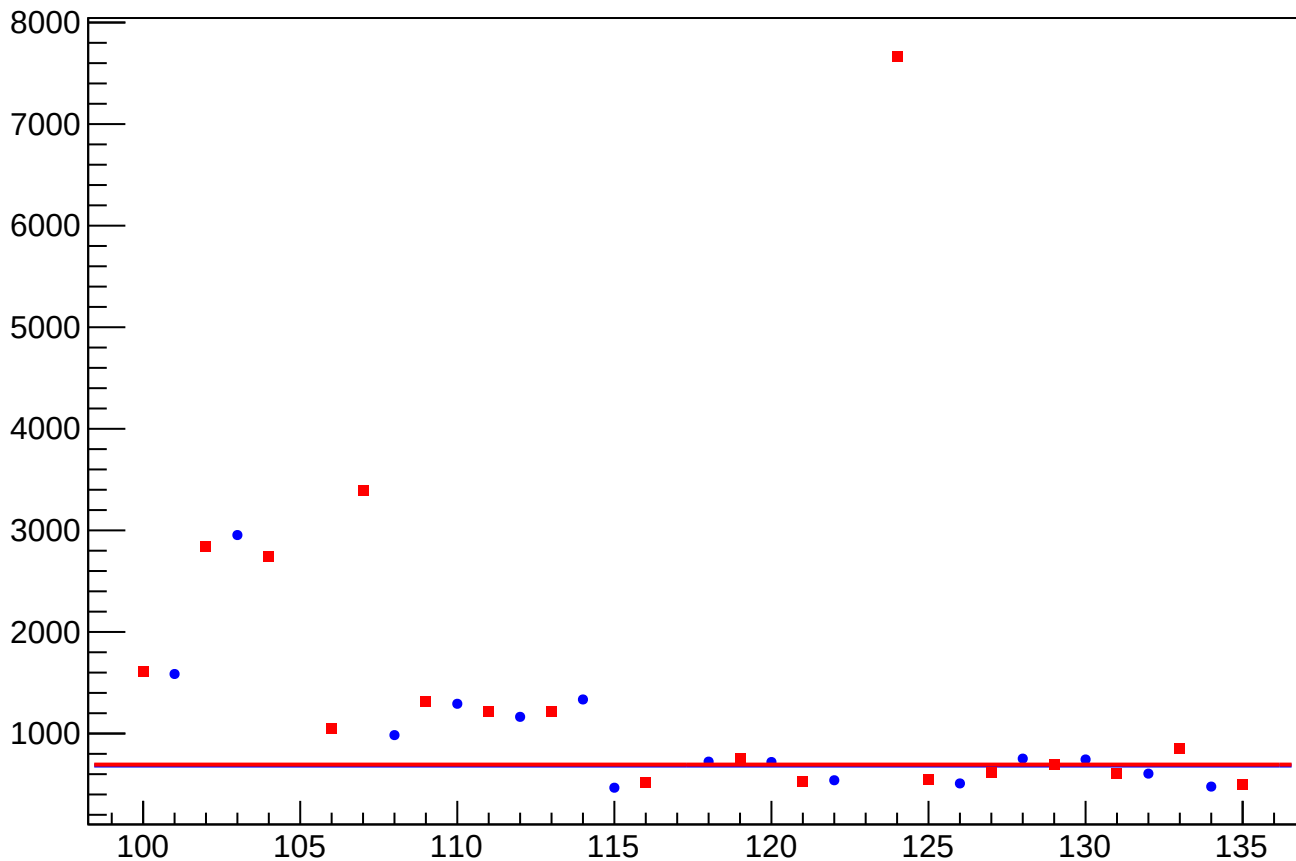
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.343+/-207.941 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_correction_rms vs Slug



Right In: 684.873+/-0.211 χ^2/NDF : 1981594.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.183+/-0.205 χ^2/NDF : 2990553.3/17

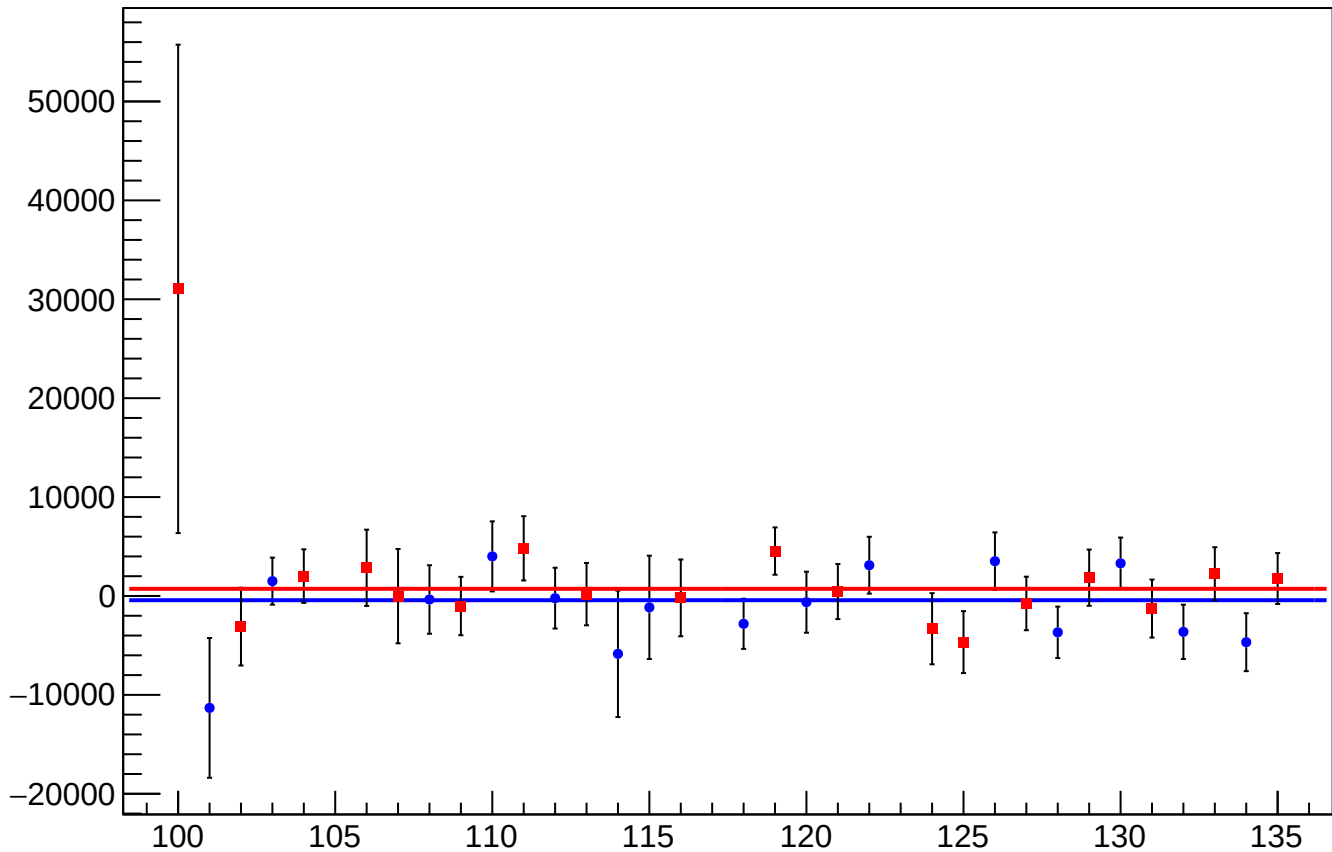
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.647+/-0.147 χ^2/NDF : 4973149.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_mean vs Slug



Right In: -428.735 ± 797.746 χ^2/NDF : 16.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 726.558 ± 737.156 χ^2/NDF : 13.2/17

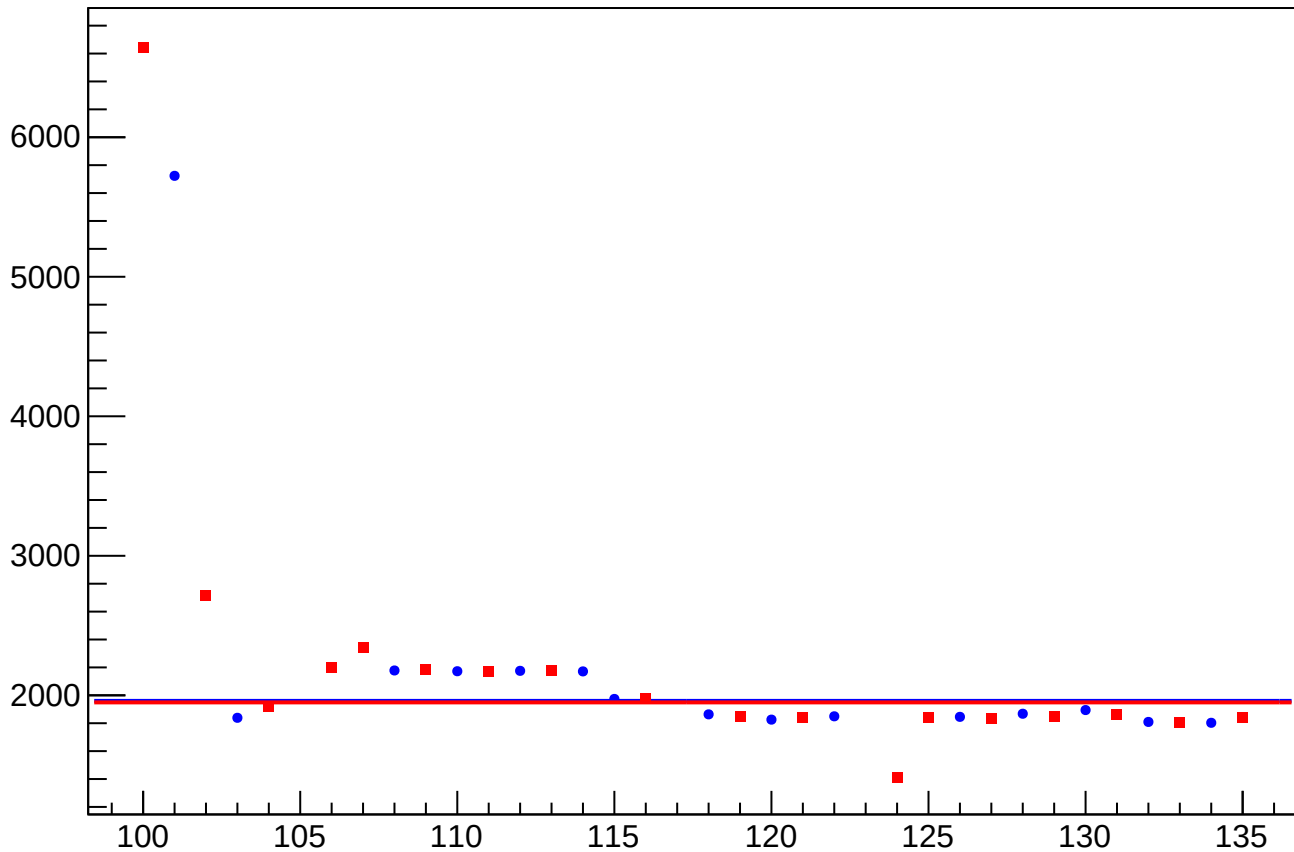
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 194.445 ± 541.403 χ^2/NDF : 31.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_rms vs Slug



Right In: 1959.958+/-0.564 χ^2/NDF : 627681.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

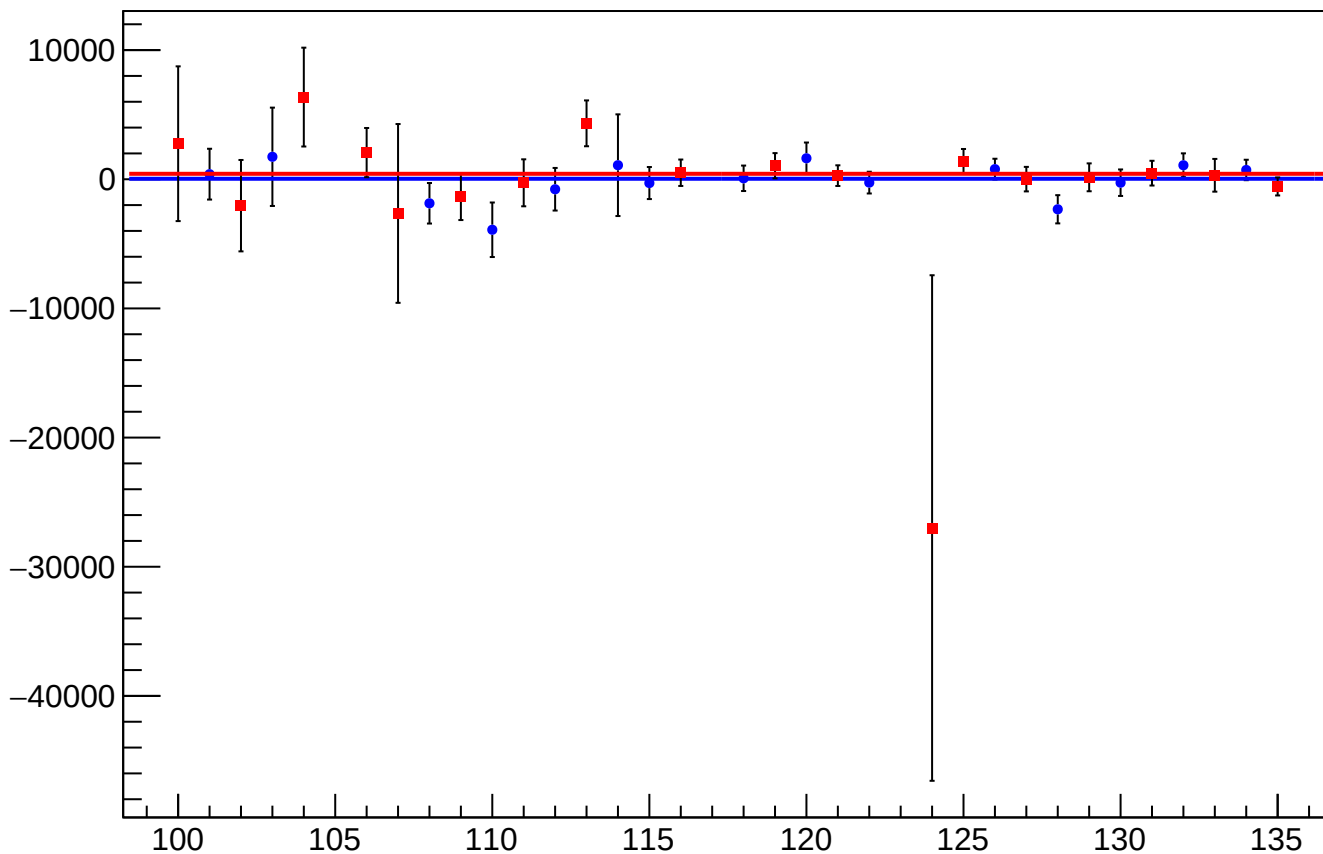
Right Out: 1949.295+/-0.521 χ^2/NDF : 273635.0/17

All: 1954.206+/-0.383 χ^2/NDF : 901508.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_mean vs Slug



Right In: 38.121+/-297.917 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 422.704+/-290.374 χ^2/NDF : 15.7/17

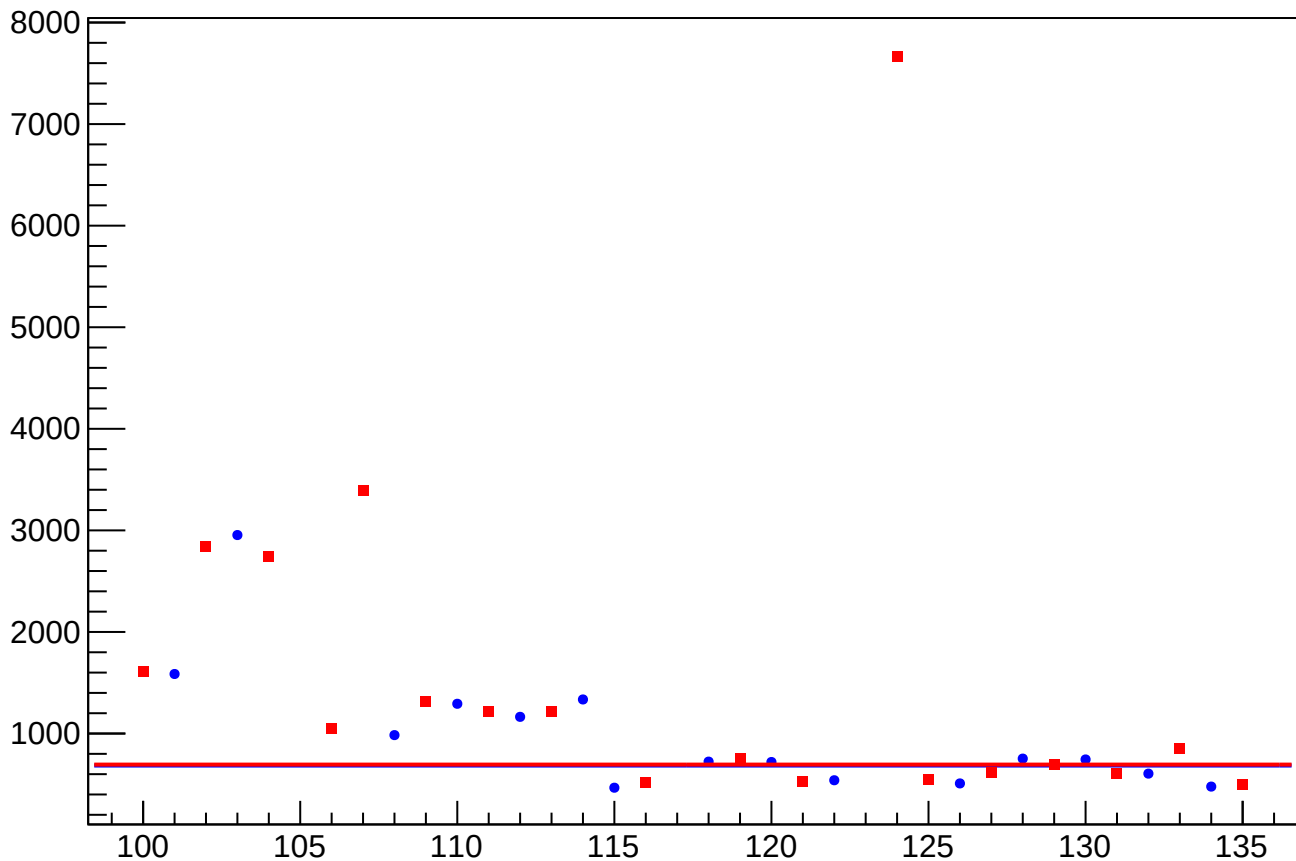
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.343+/-207.941 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_correction_rms vs Slug



Right In: 684.873+/-0.211 χ^2/NDF : 1981592.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 694.183+/-0.205 χ^2/NDF : 2990553.9/17

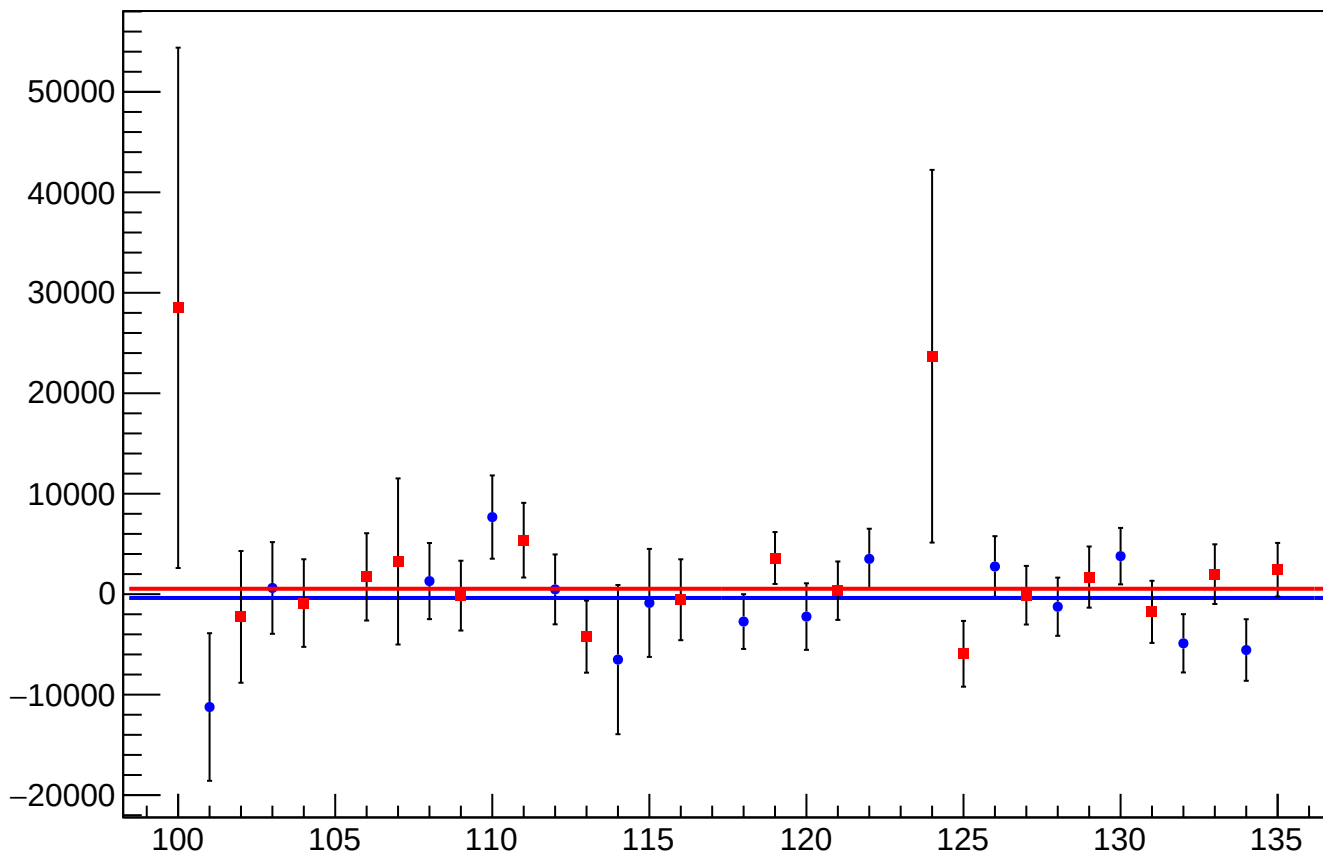
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 689.647+/-0.147 χ^2/NDF : 4973148.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_mean vs Slug



Right In: -376.735 ± 895.338 χ^2/NDF : 18.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 539.677 ± 848.928 χ^2/NDF : 13.6/17

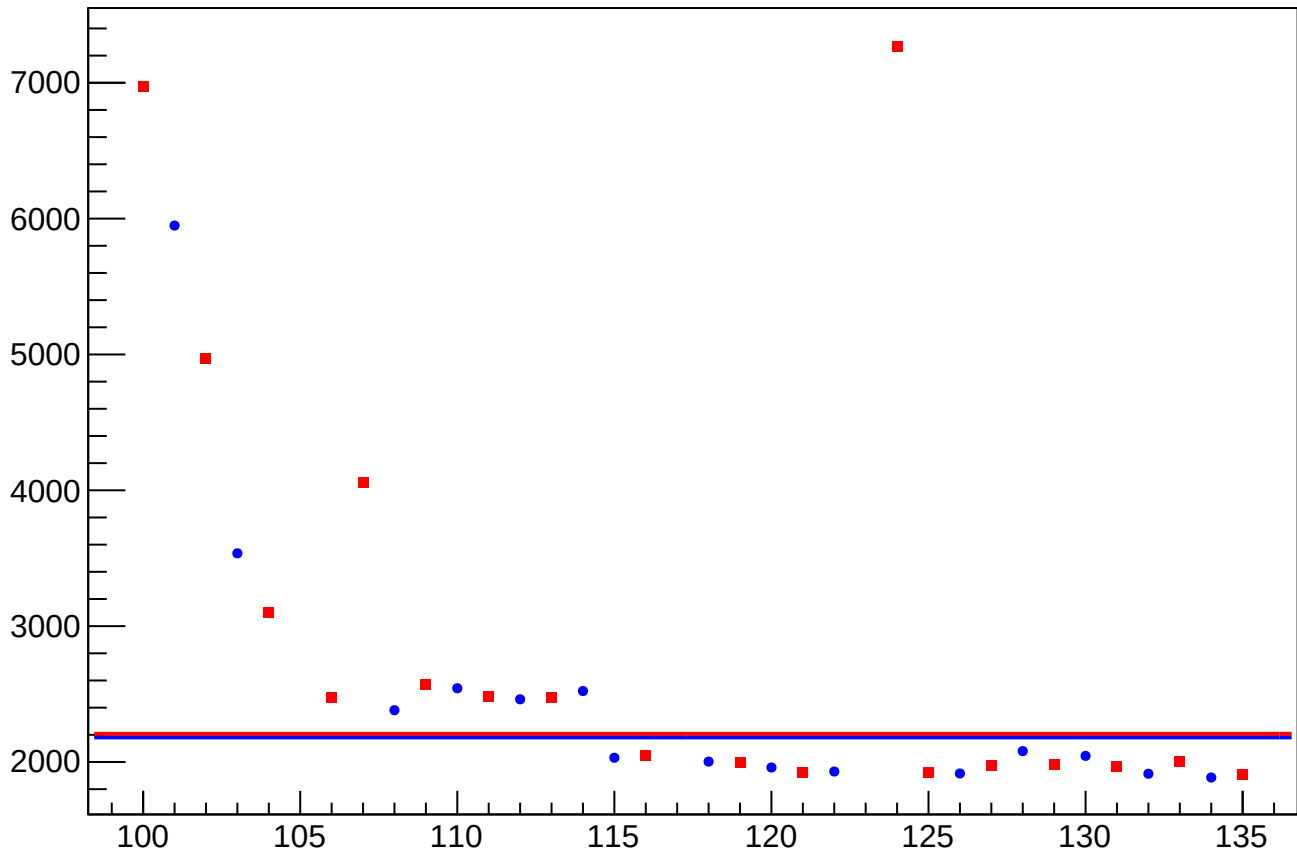
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 105.837 ± 616.036 χ^2/NDF : 32.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_rms vs Slug



Right In: 2181.375+/-0.633 χ^2/NDF : 831918.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2207.485+/-0.600 χ^2/NDF : 929255.6/17

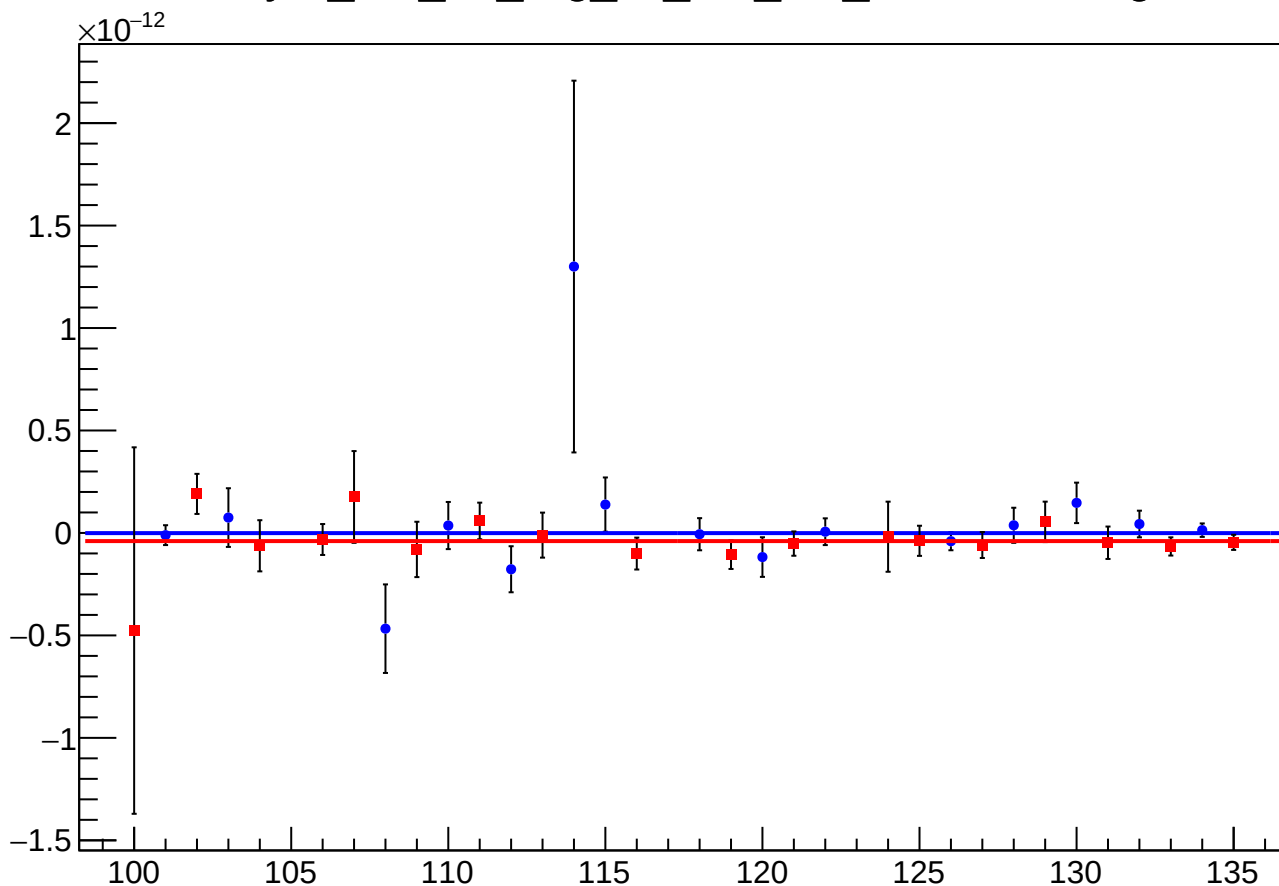
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2195.124+/-0.436 χ^2/NDF : 1762070.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 16.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.1/17

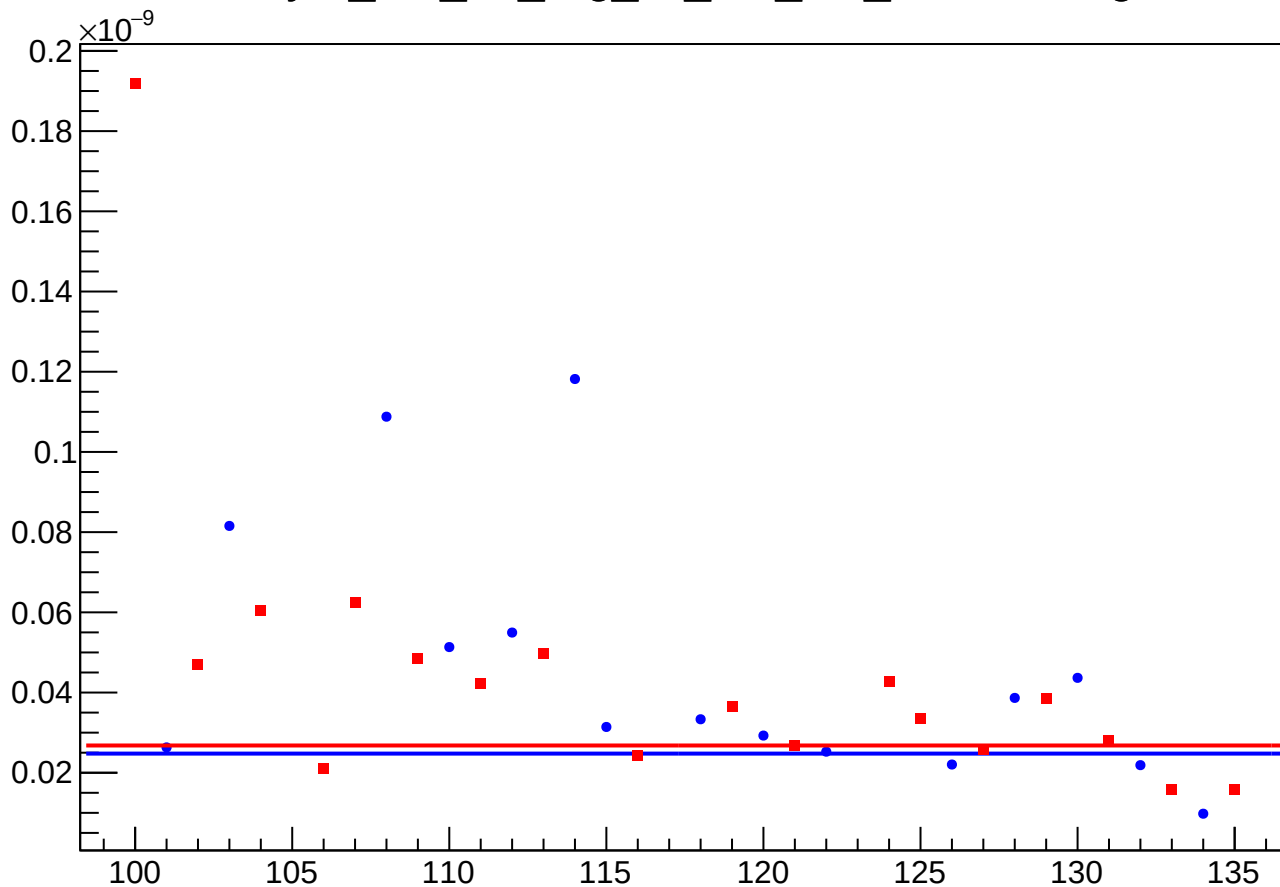
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 29.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1477061.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 963537.0/17

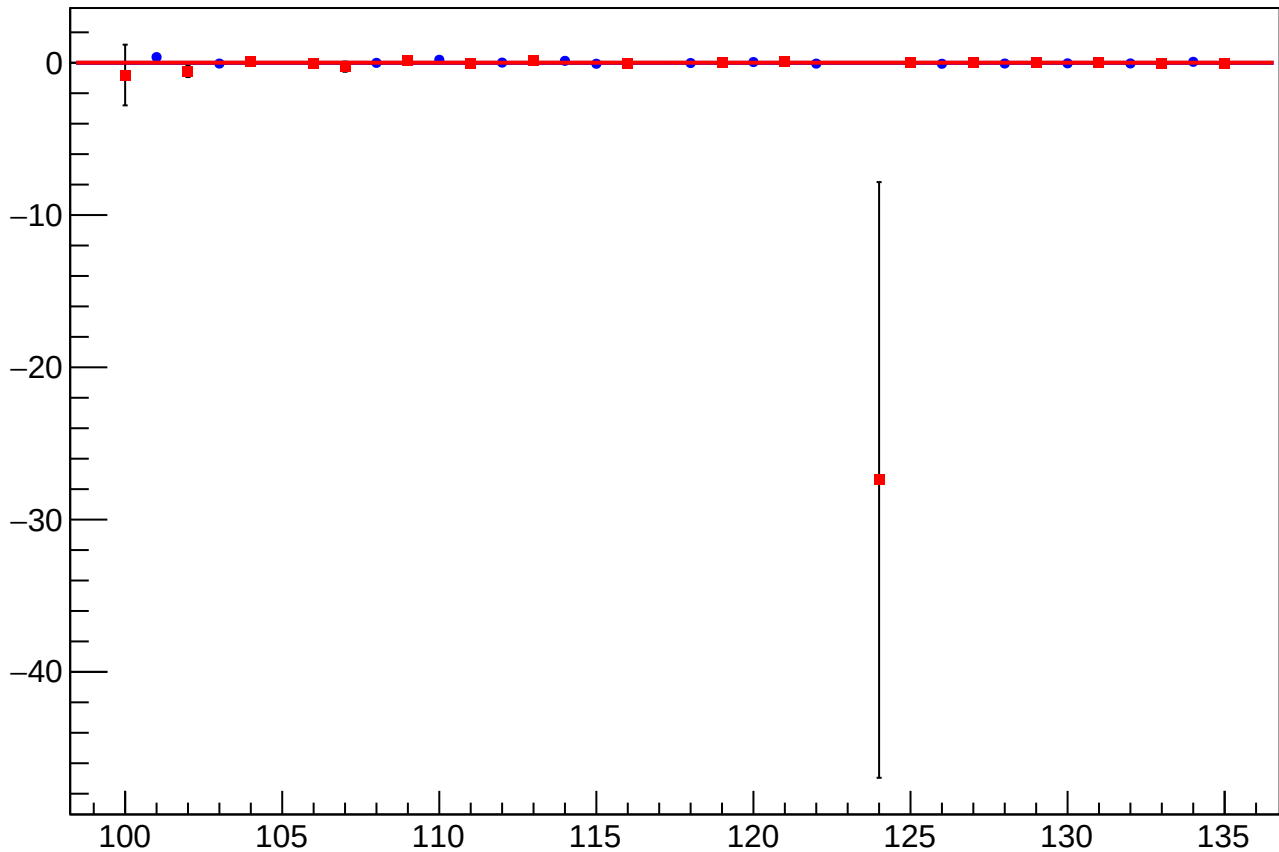
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2453651.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.015 χ^2/NDF : 12.2/17

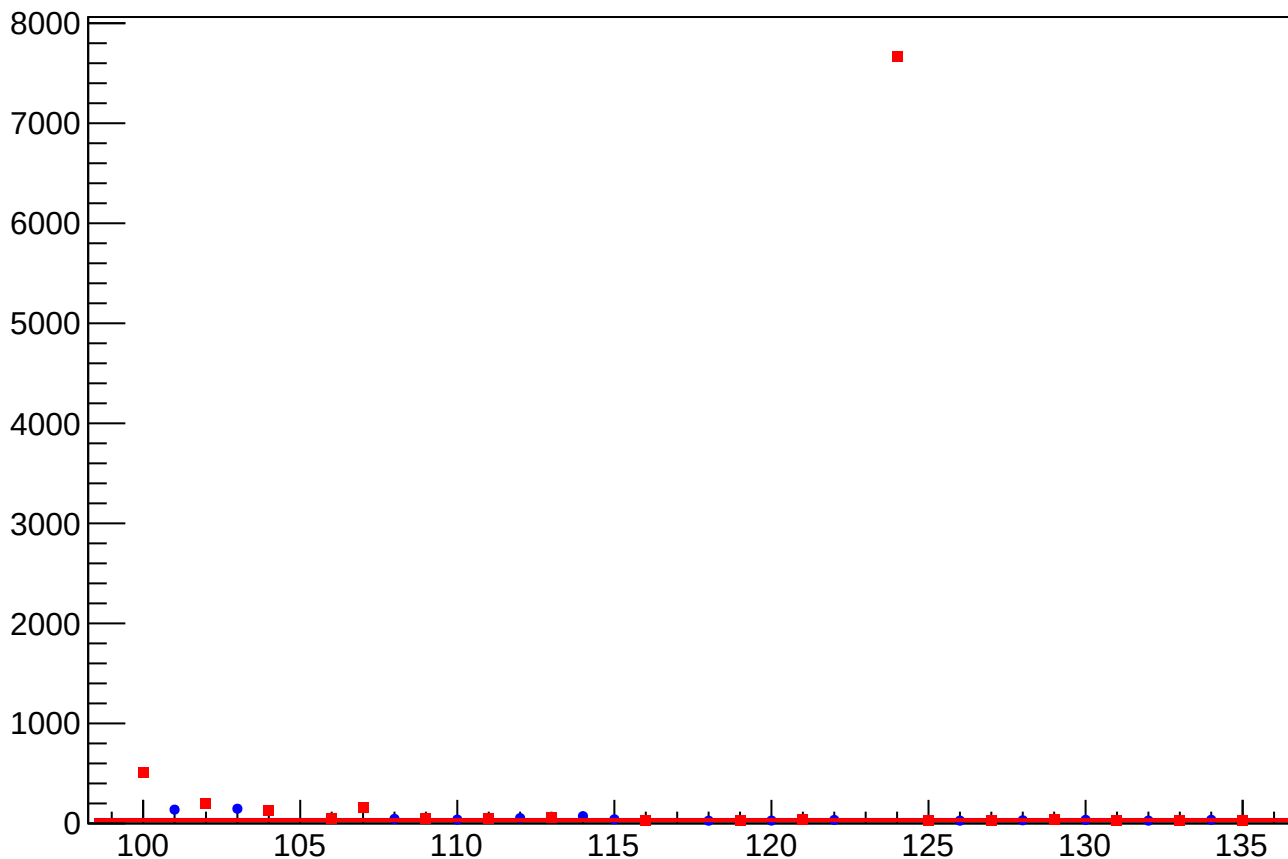
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.011 χ^2/NDF : 31.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 34.807 $\pm$ 0.012 χ^2 /NDF: 1693413.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.611 $\pm$ 0.011 χ^2 /NDF: 2037766.0/17

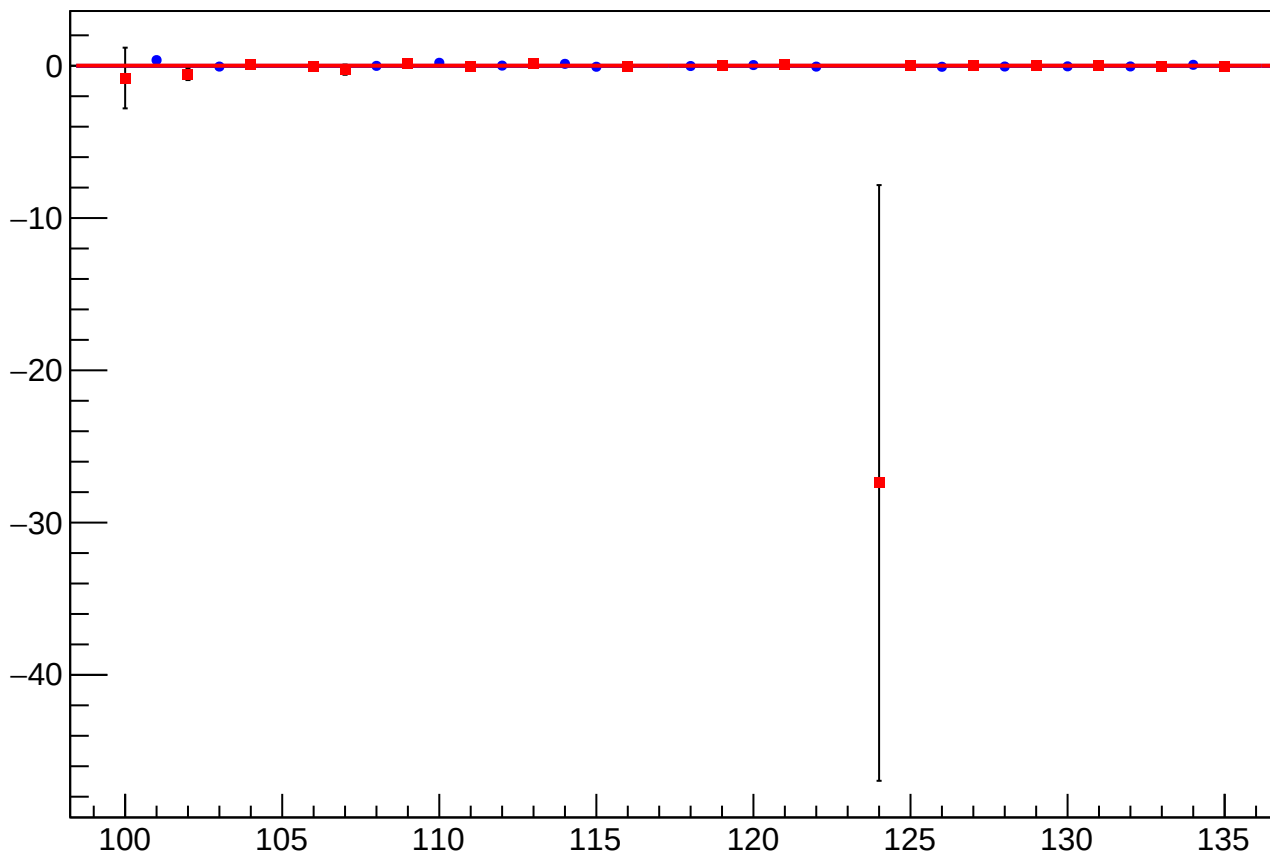
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.174 $\pm$ 0.008 χ^2 /NDF: 3736893.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.016 χ^2 /NDF: 19.1/14

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

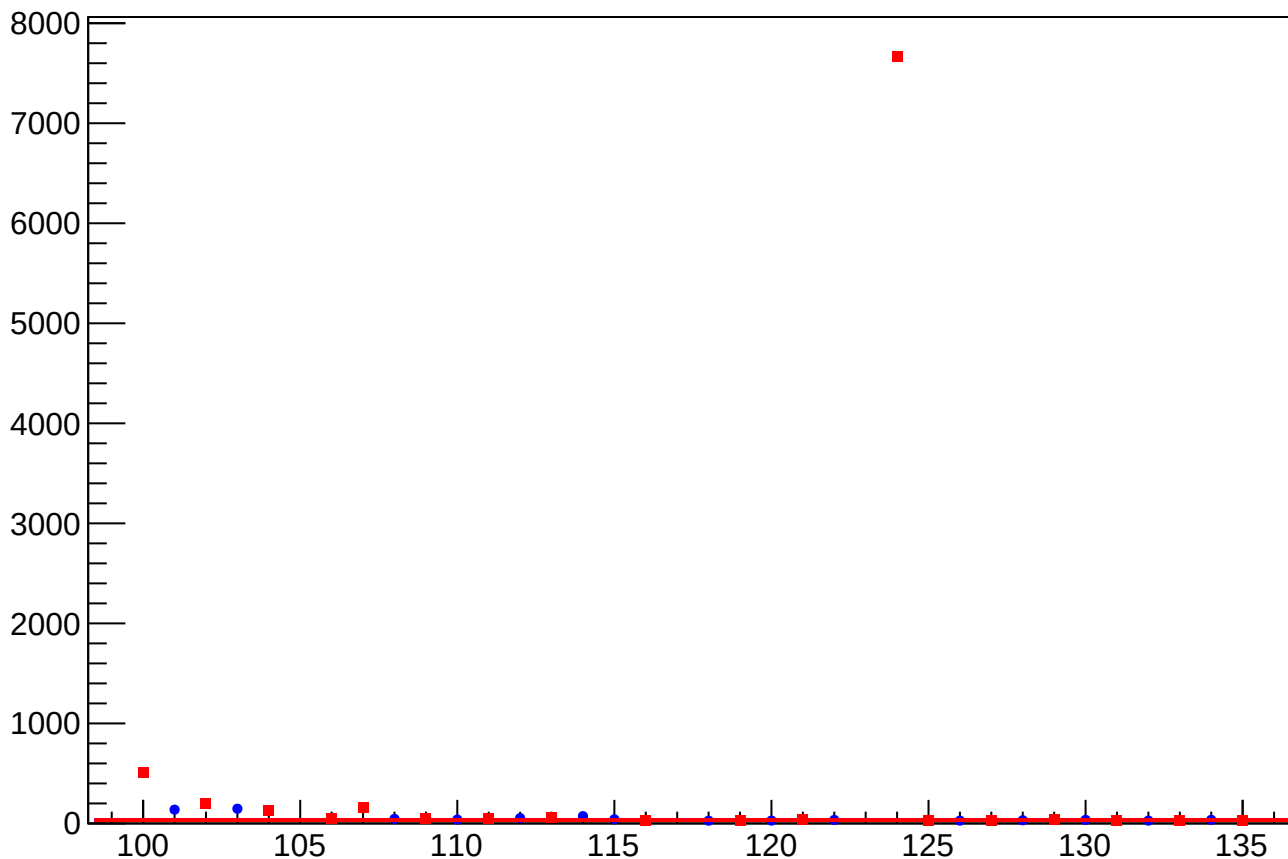
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.011 χ^2 /NDF: 31.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.807+/-0.012 χ^2 /NDF: 1693413.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 33.611+/-0.011 χ^2 /NDF: 2037766.0/17

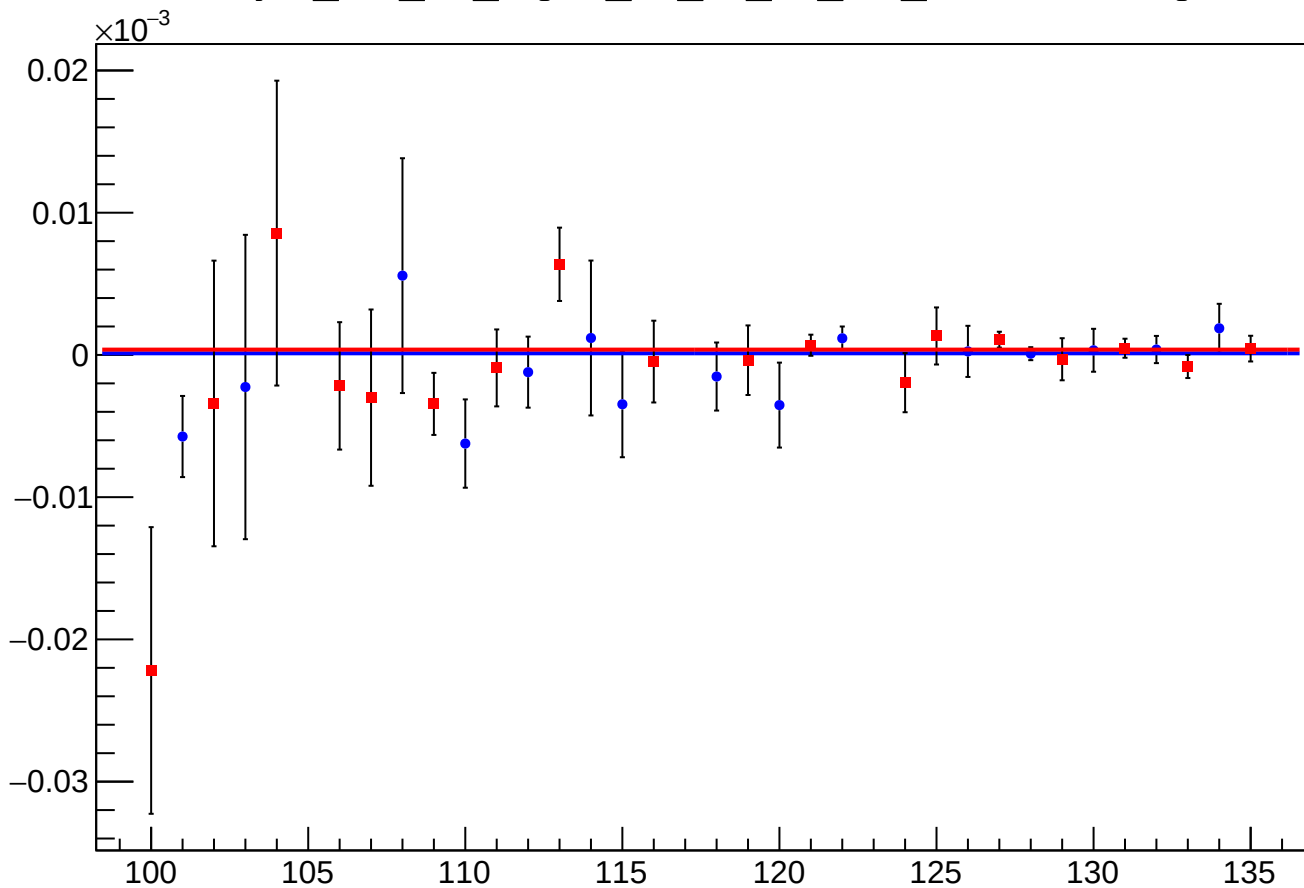
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 34.174+/-0.008 χ^2 /NDF: 3736893.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.8/17

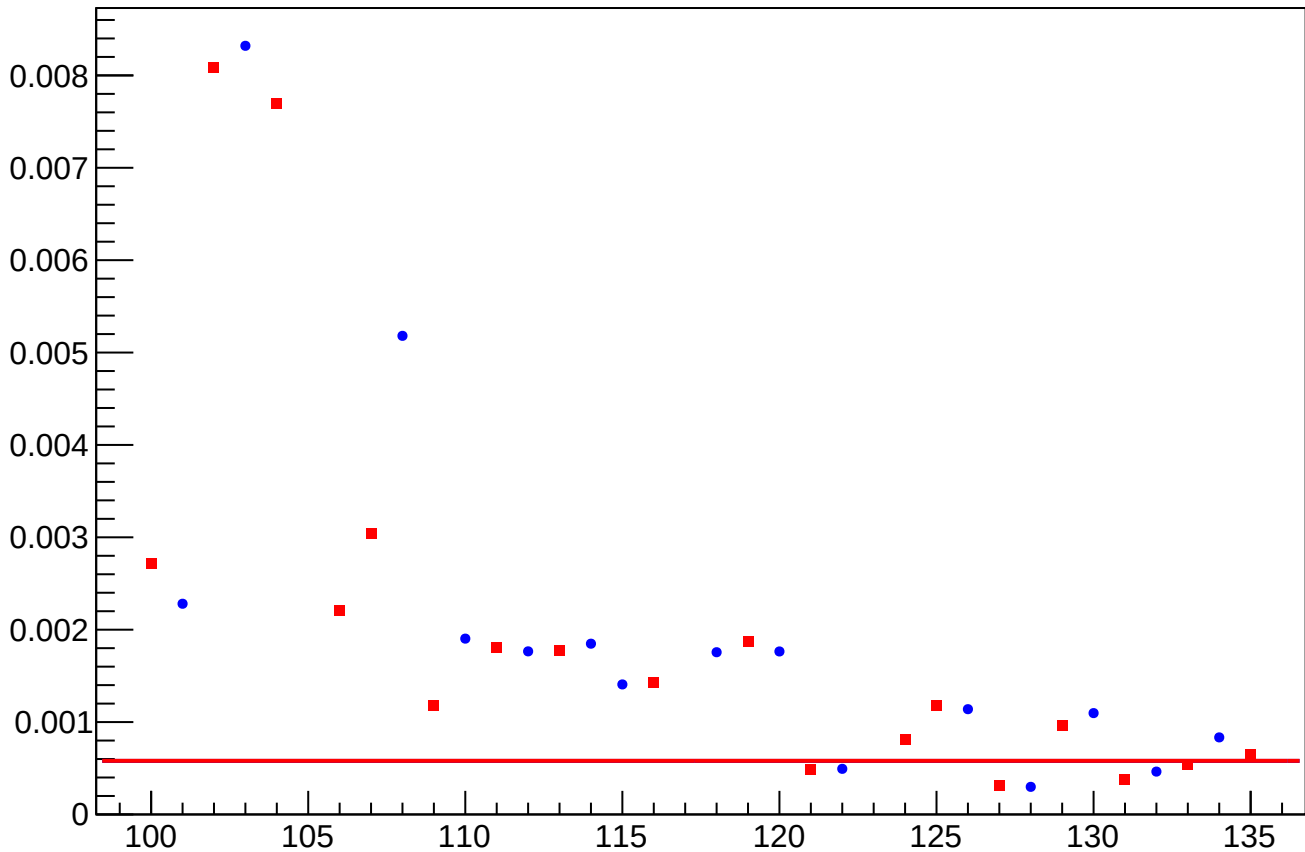
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 5481116.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5427546.7/17

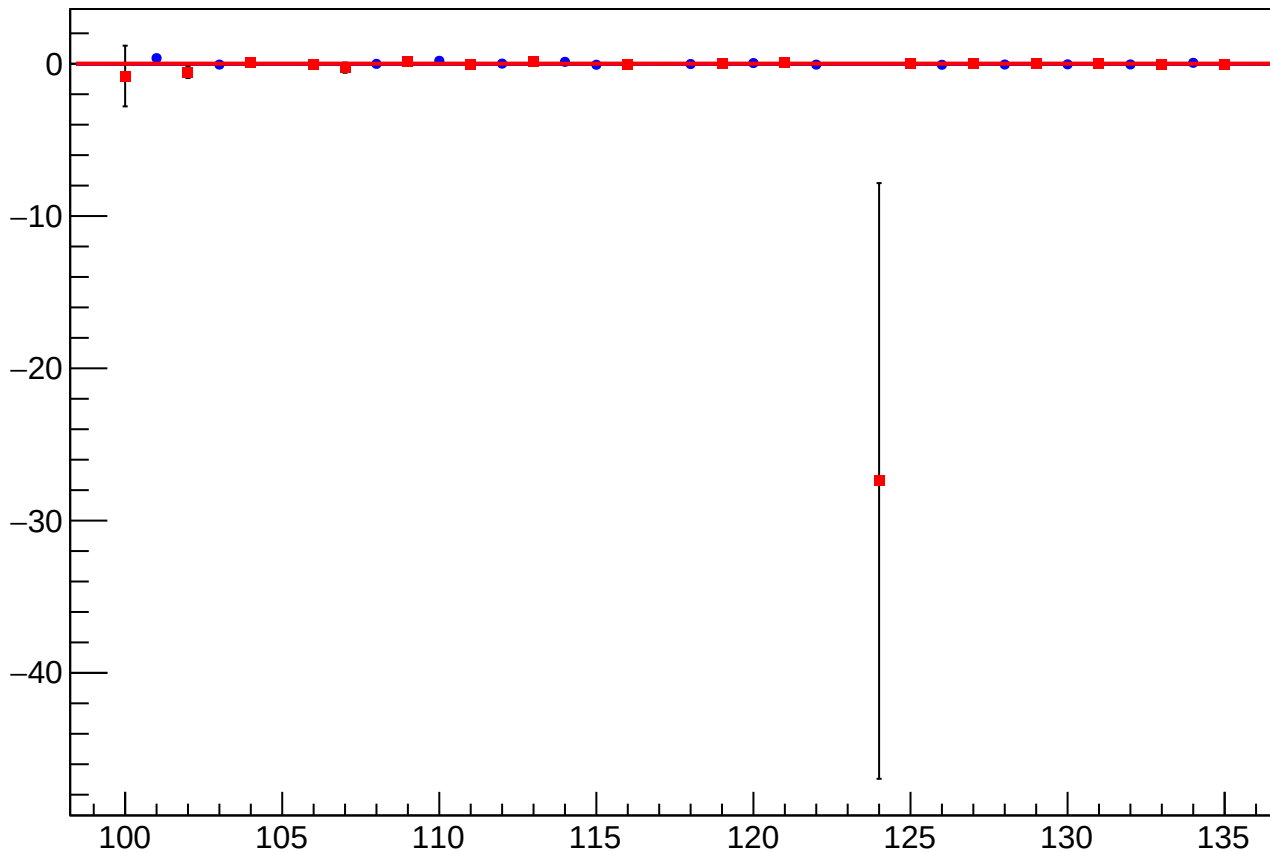
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10908675.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.008 ± 0.016 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.006 ± 0.015 χ^2/NDF : 12.2/17

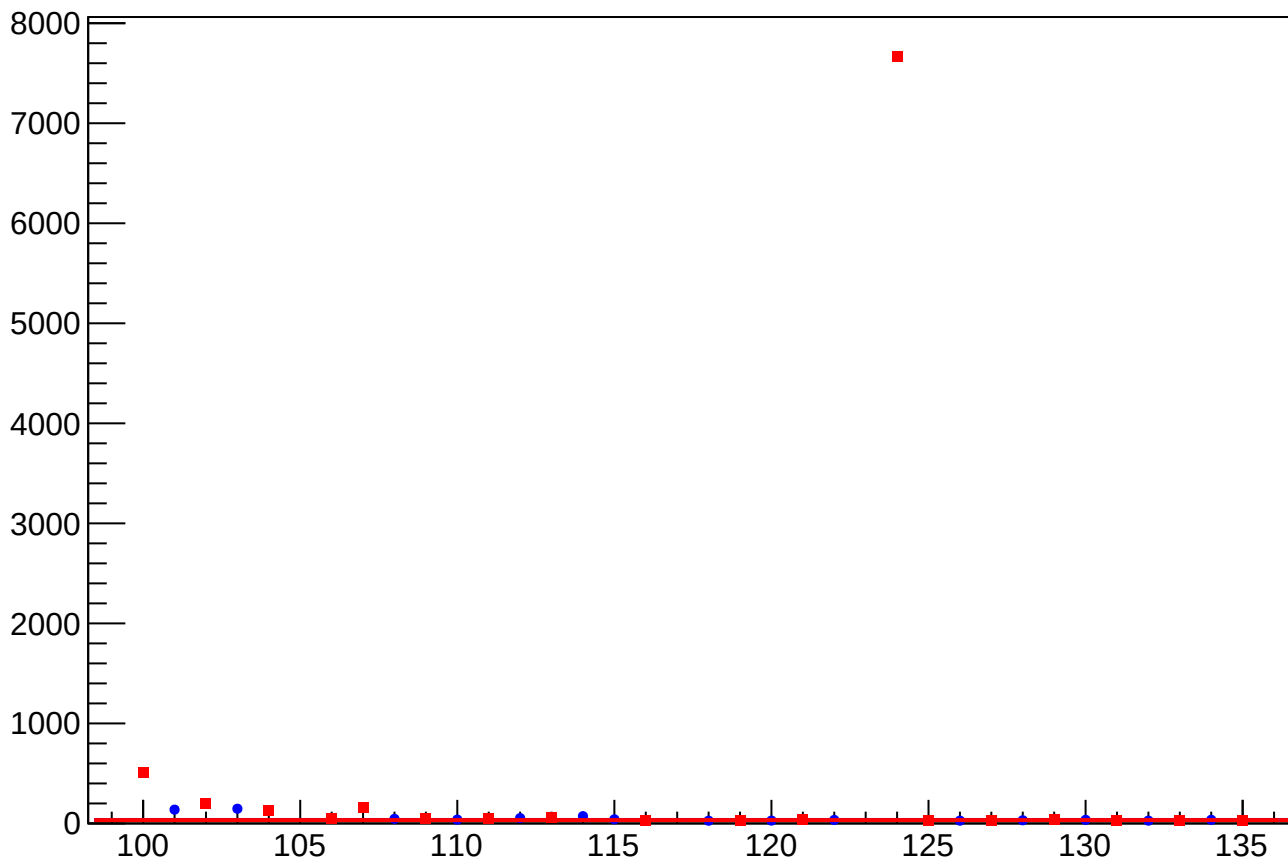
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.011 χ^2/NDF : 31.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 34.807 $\pm$ 0.012 χ^2 /NDF: 1693401.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.611 $\pm$ 0.011 χ^2 /NDF: 2037751.9/17

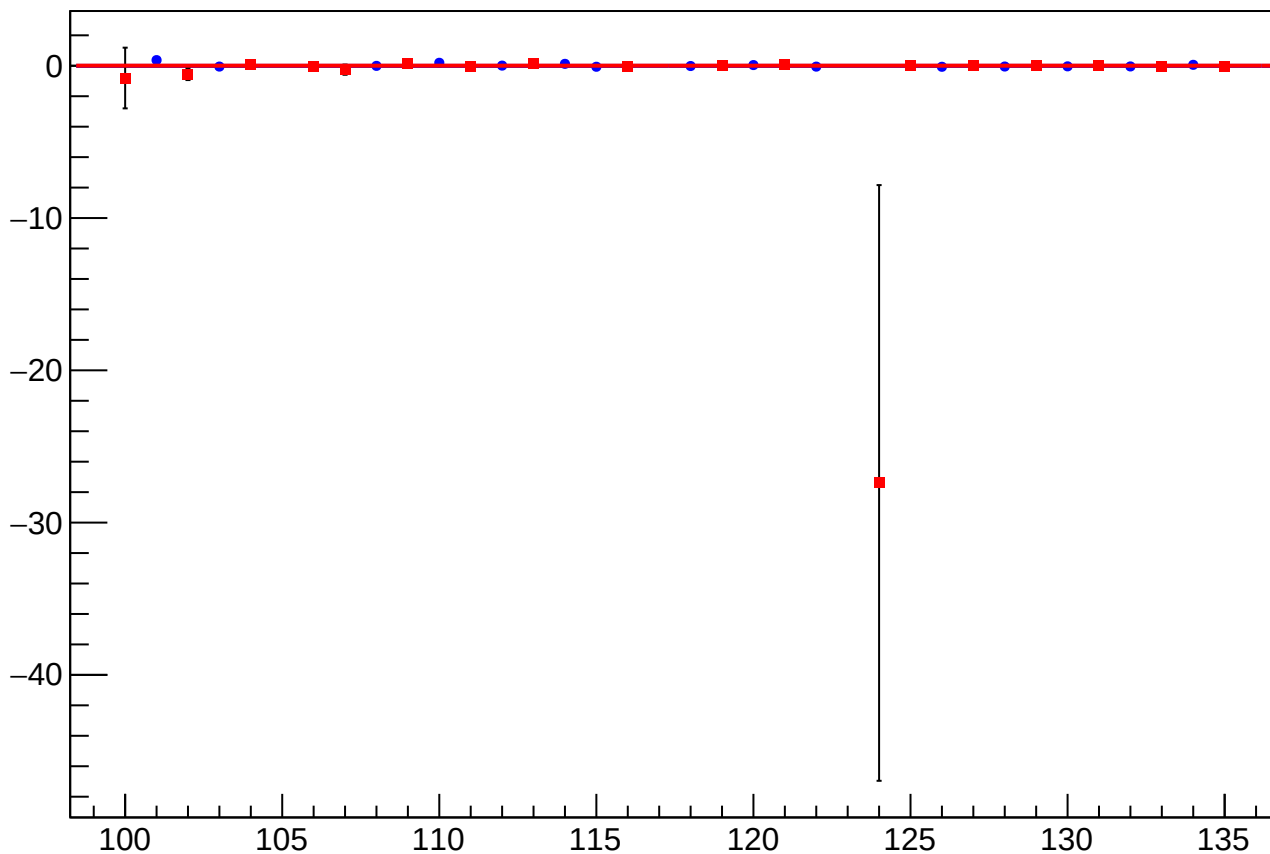
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.174 $\pm$ 0.008 χ^2 /NDF: 3736868.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.008 $\pm$ 0.016 χ^2/NDF : 19.1/14

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

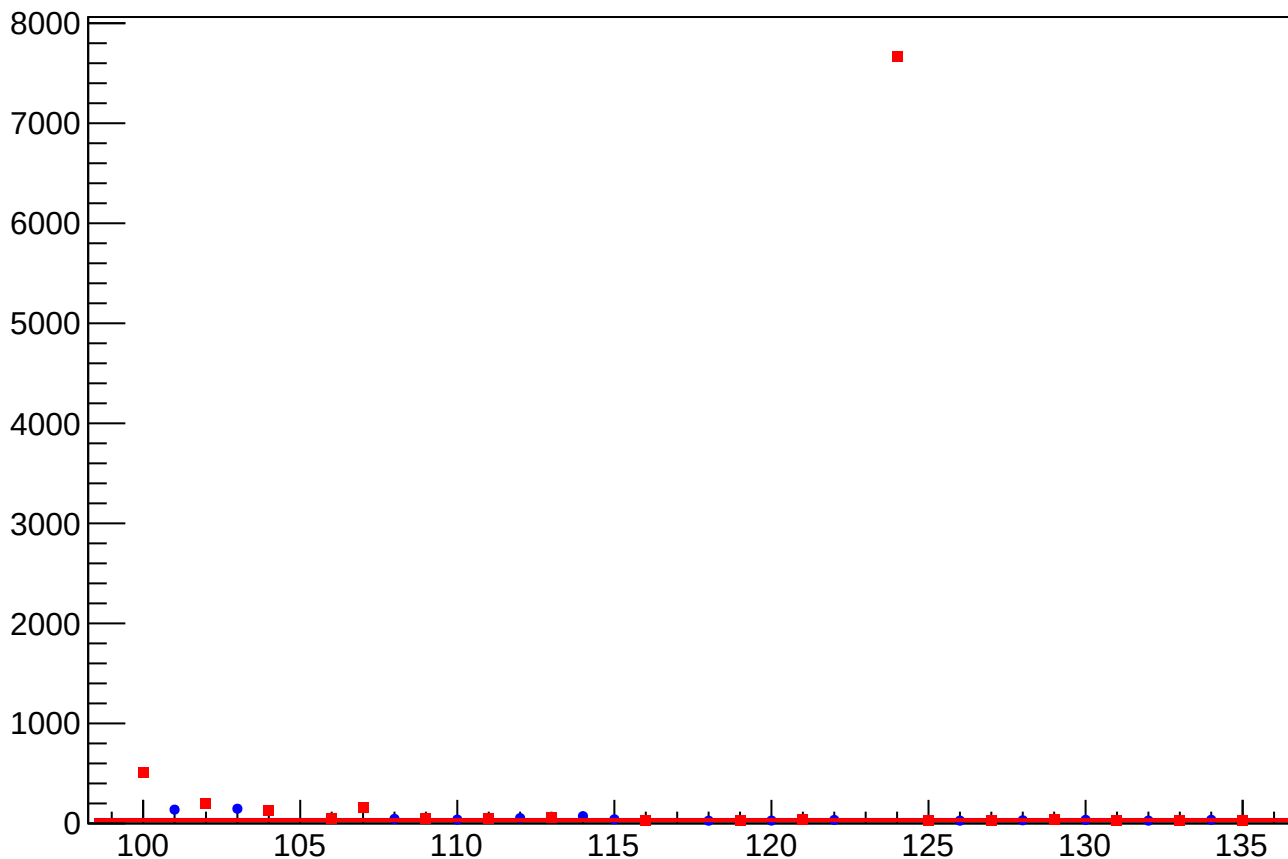
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.011 χ^2/NDF : 31.7/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.807+/-0.012 χ^2/NDF : 1693401.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 33.611+/-0.011 χ^2/NDF : 2037751.9/17

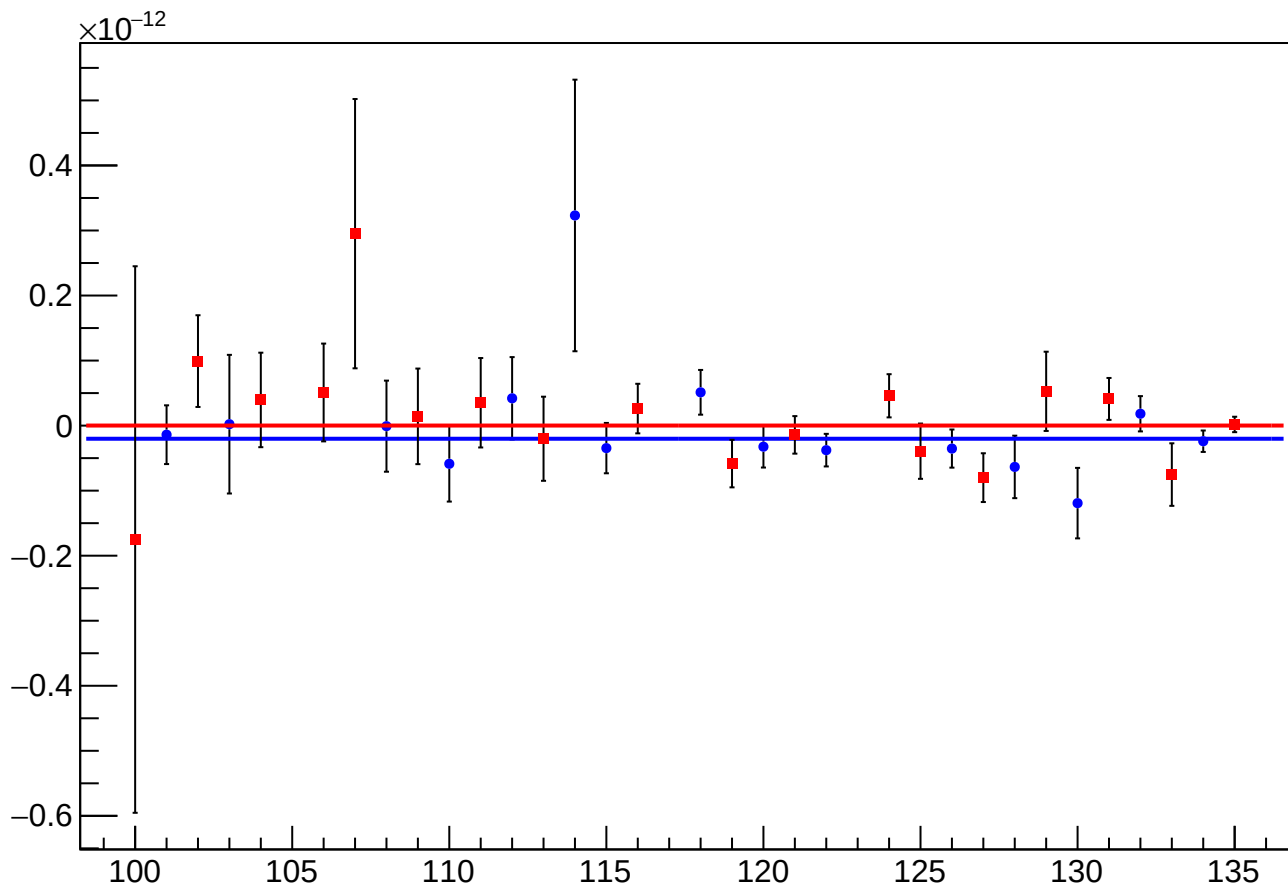
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

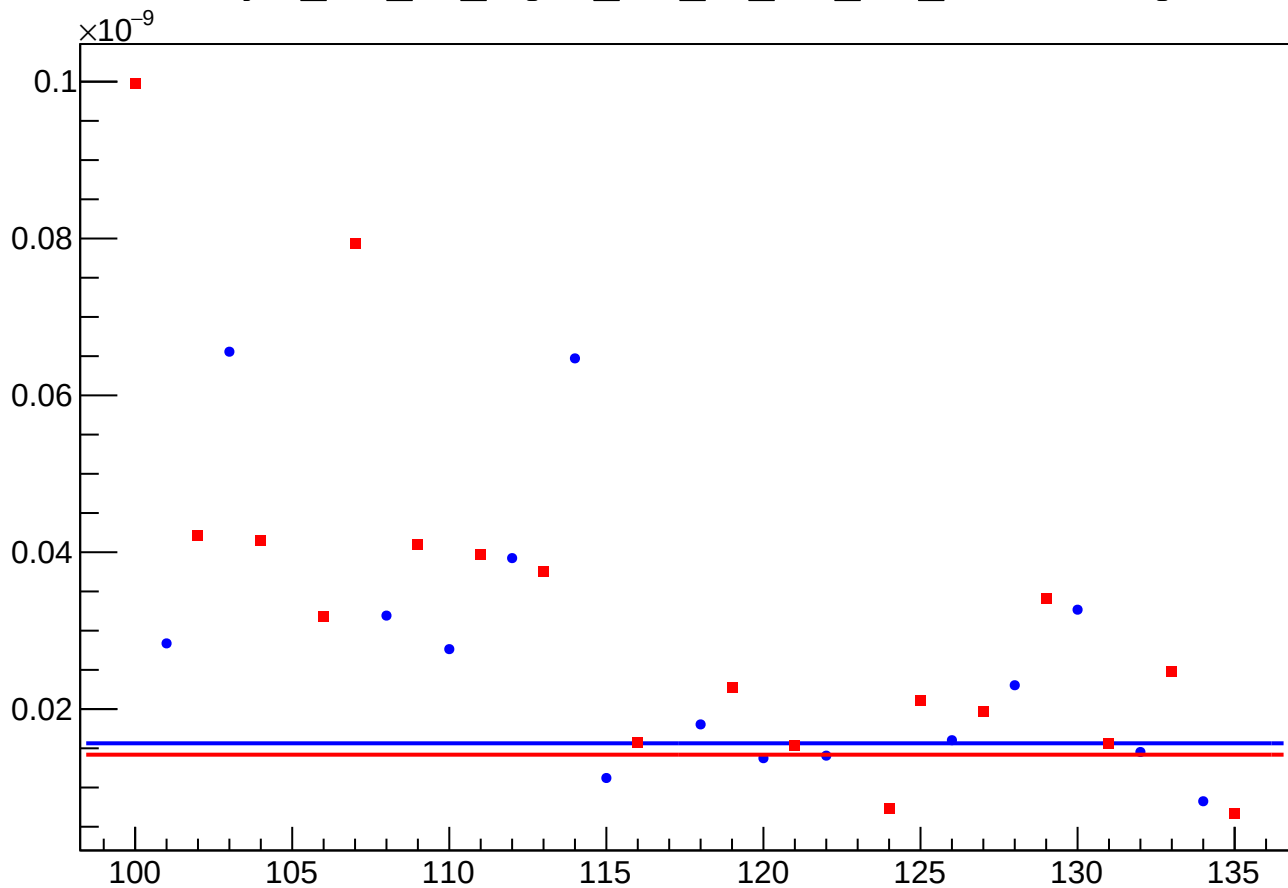
All: 34.174+/-0.008 χ^2/NDF : 3736868.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_eigen_cor_vs_cor_diff_mean vs Slug



asym_at1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1882101.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3207536.0/17

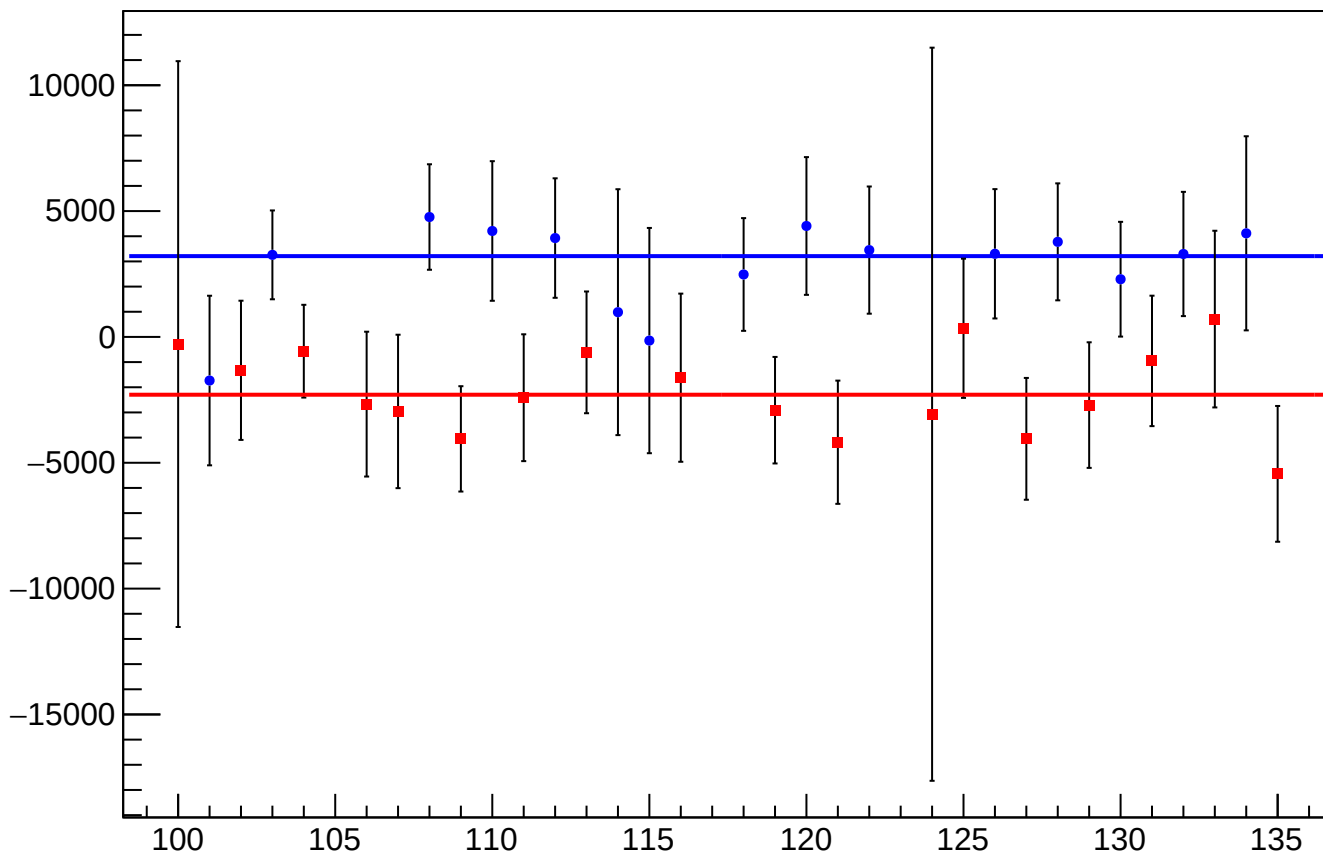
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5118086.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_mean vs Slug



Right In: 3210.458+/-661.366 χ^2/NDF : 4.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2296.369+/-628.378 χ^2/NDF : 6.8/17

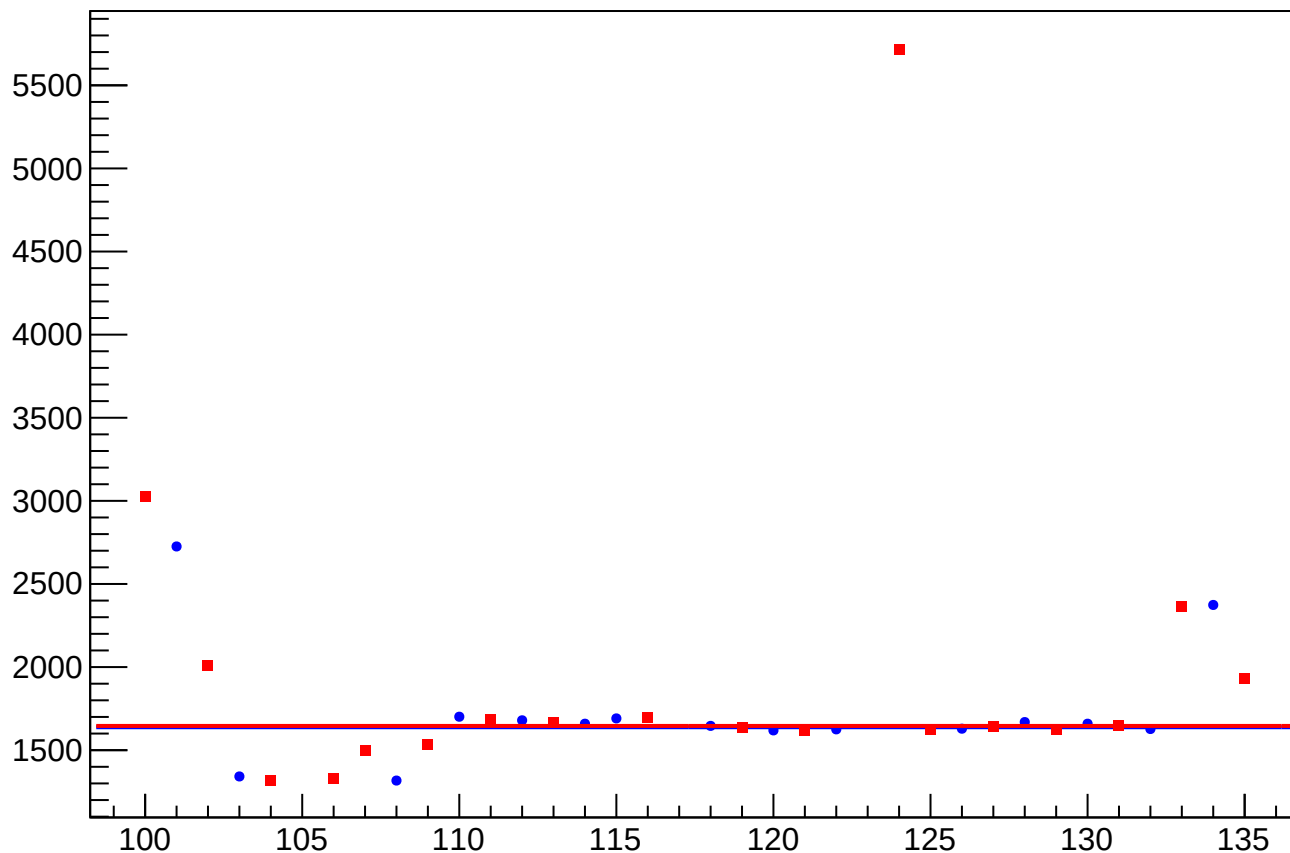
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 316.288+/-455.546 χ^2/NDF : 47.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_rms vs Slug



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

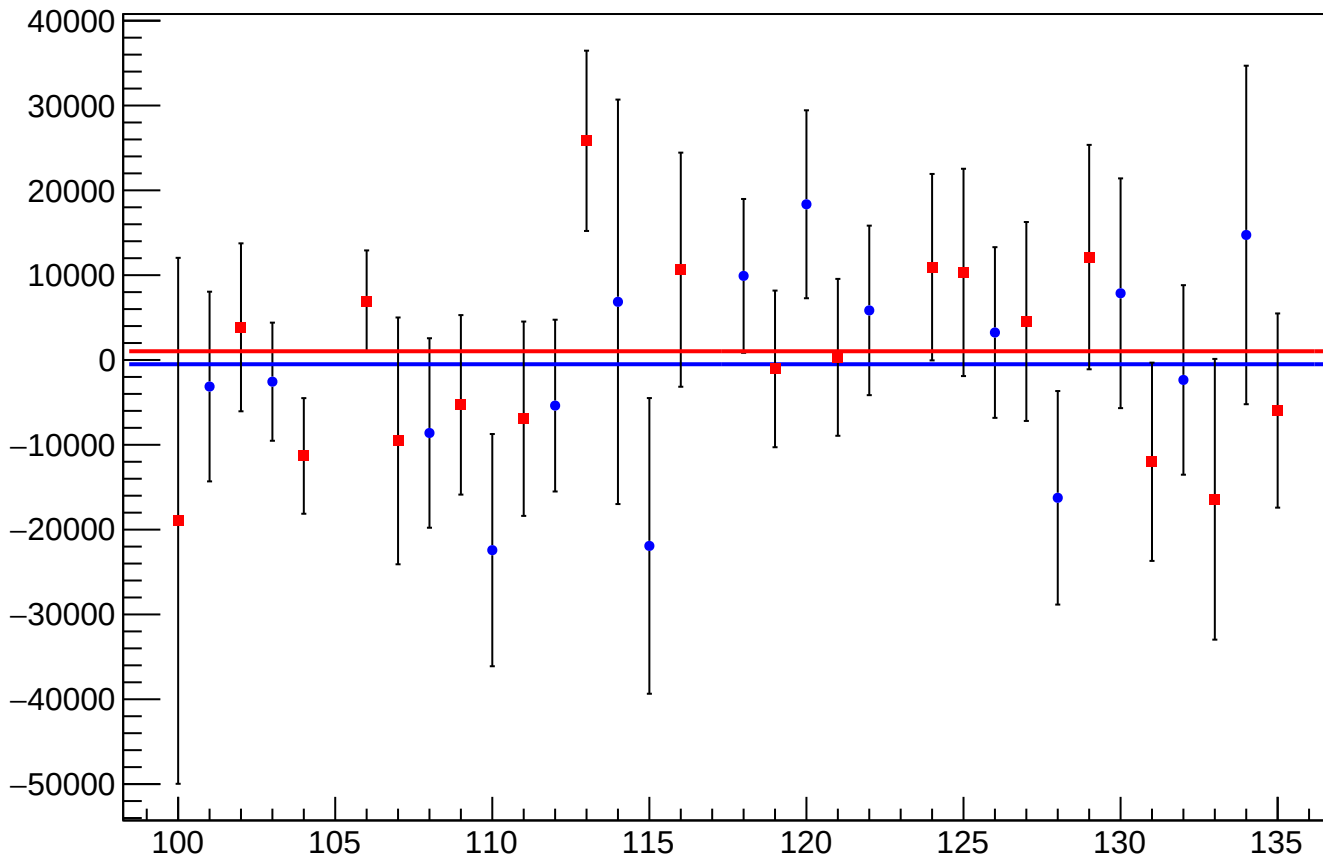
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.209+/-0.322 χ^2/NDF : 812360.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_mean vs Slug



Right In: -501.613+/-2895.697 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

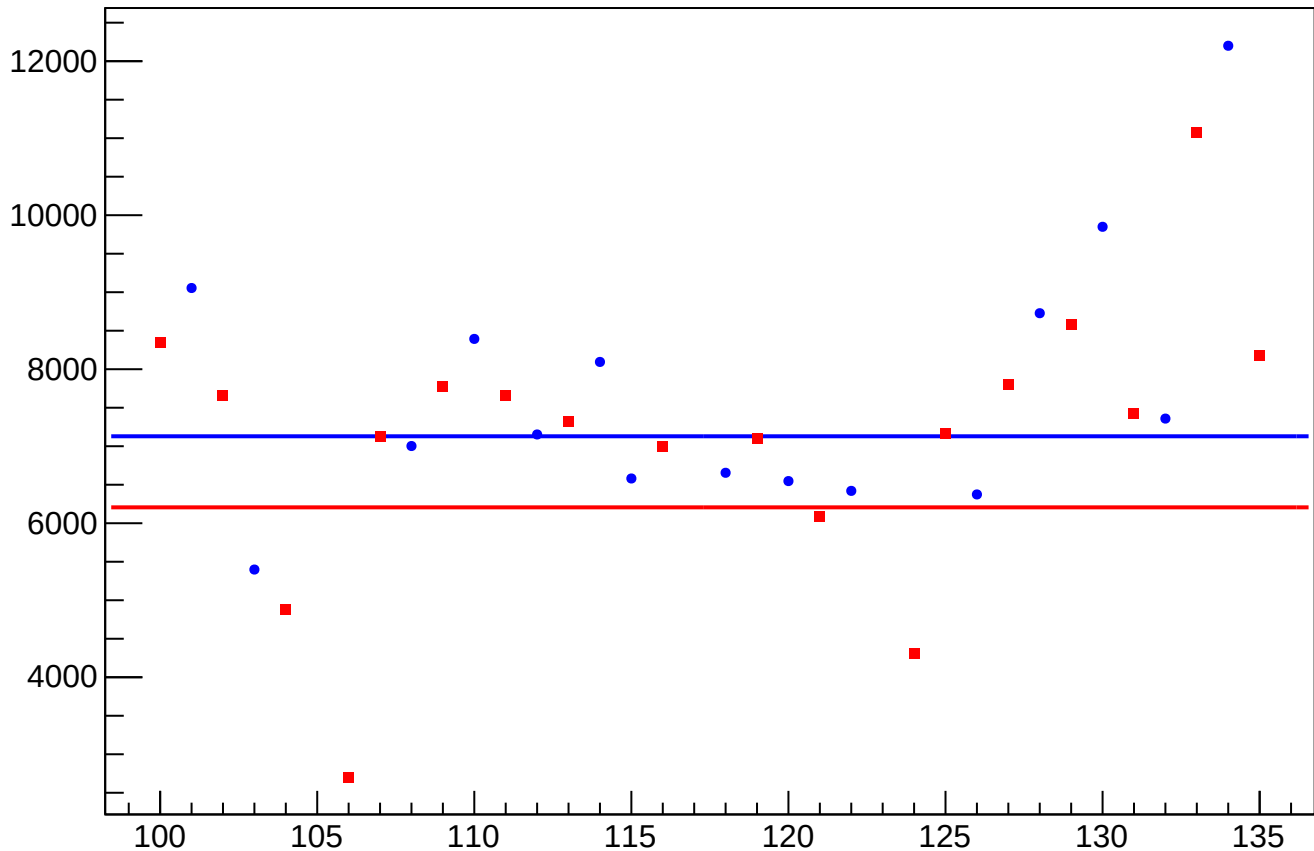
Right Out: 1029.336+/-2452.645 χ^2/NDF : 17.0/17

All: 389.820+/-1871.538 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_correction_rms vs Slug



Right In: 7129.161+/-2.048 χ^2/NDF : 480667.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

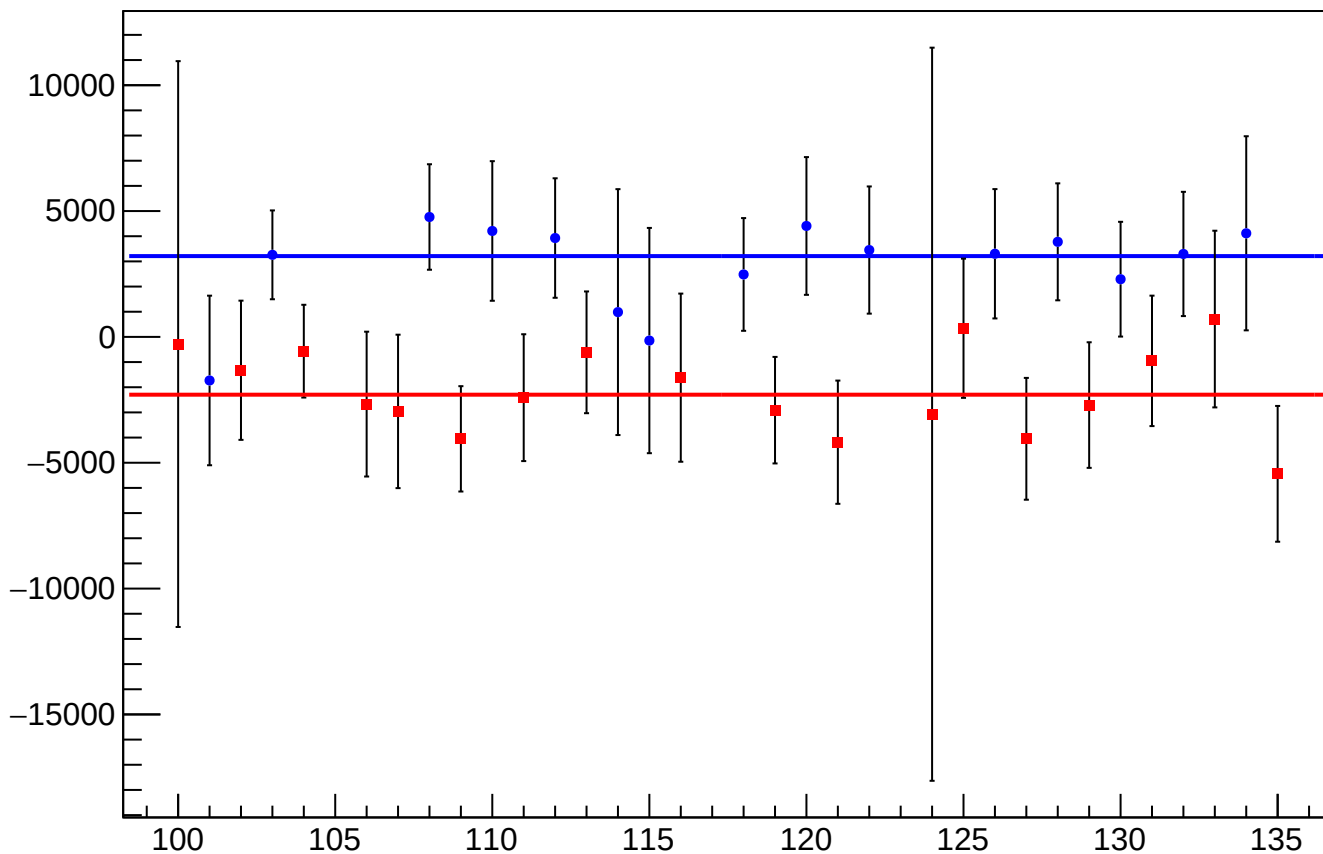
Right Out: 6206.287+/-1.734 χ^2/NDF : 1377774.2/17

All: 6591.795+/-1.323 χ^2/NDF : 1976728.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_avg_mean vs Slug



Right In: 3210.578 $\pm$ 661.366 χ^2 /NDF: 4.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2296.145 $\pm$ 628.378 χ^2 /NDF: 6.8/17

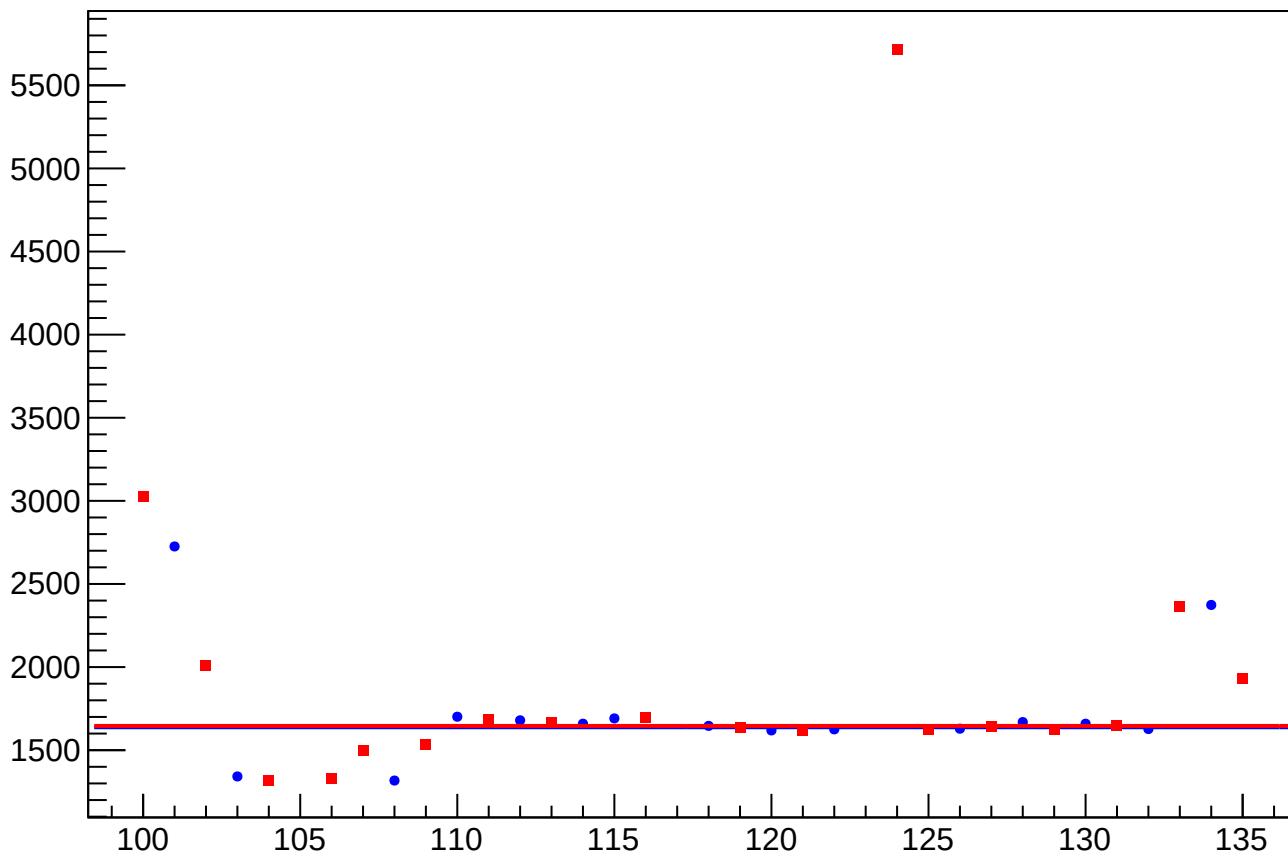
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.462 $\pm$ 455.546 χ^2 /NDF: 47.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_avg_rms vs Slug



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

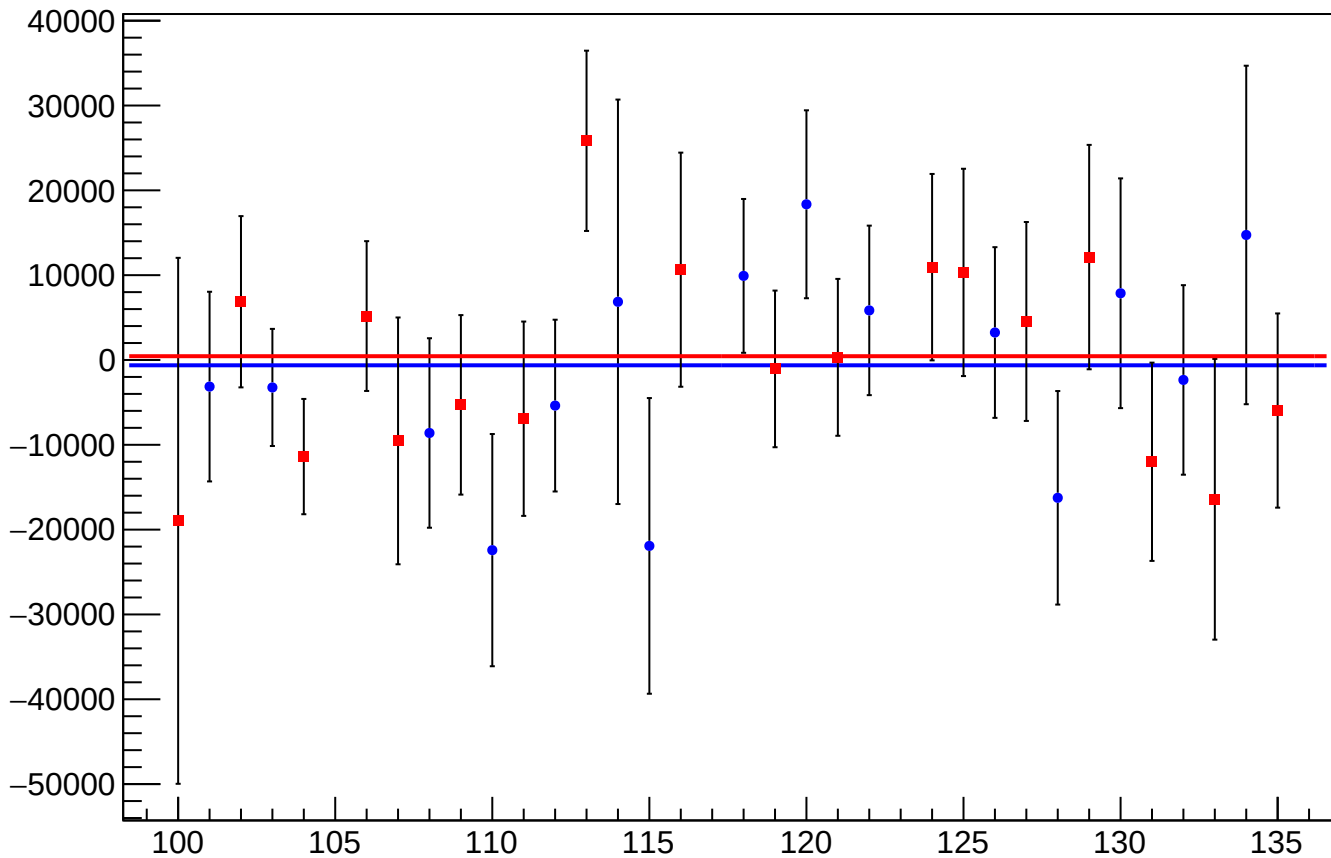
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1642.209+/-0.322 χ^2/NDF : 812360.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_mean vs Slug



Right In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.782+/-2576.071 χ^2/NDF : 16.5/17

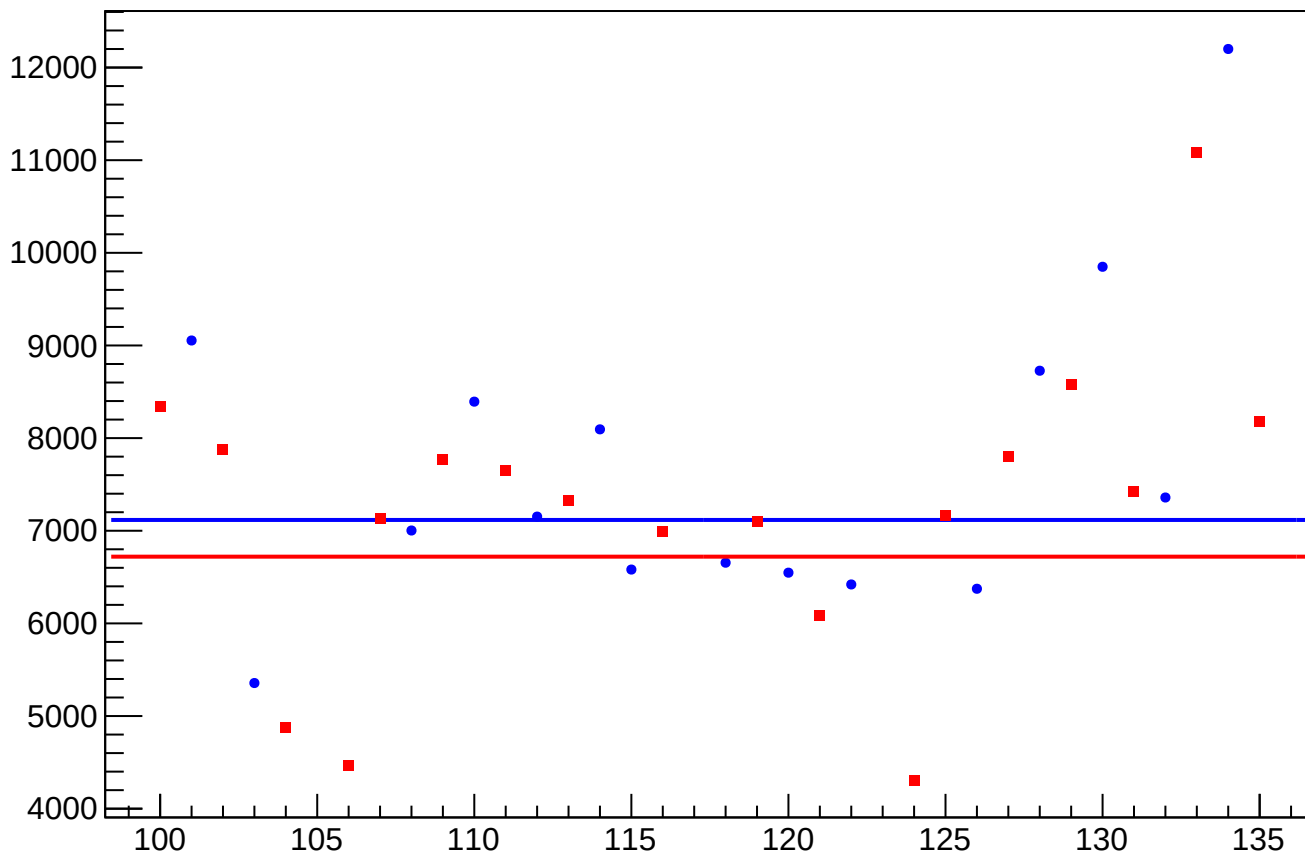
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.892+/-1923.415 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_cor_correction_rms vs Slug



Right In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

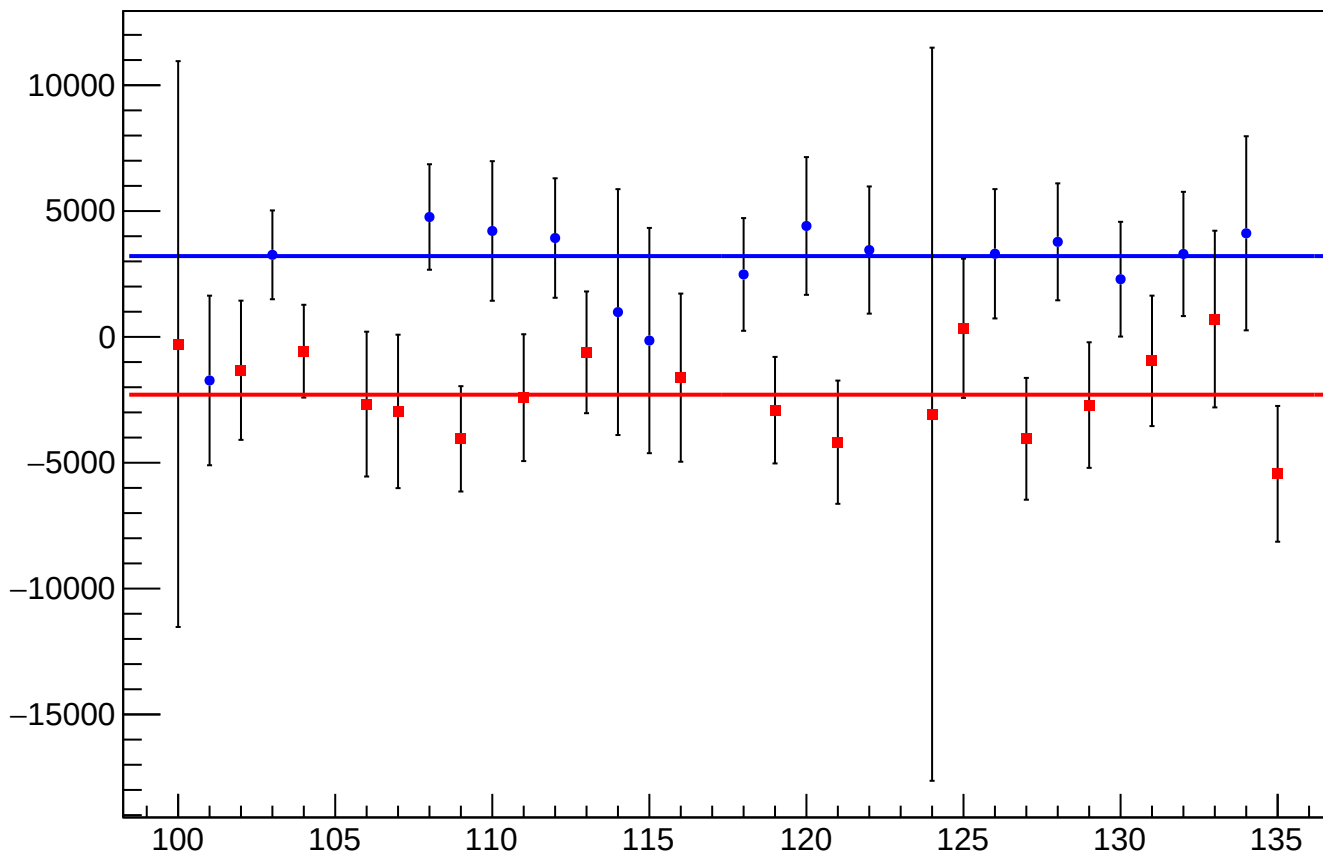
Right Out: 6720.377+/-1.822 χ^2/NDF : 697615.7/17

All: 6895.705+/-1.360 χ^2/NDF : 1207483.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_avg_mean vs Slug



Right In: 3210.578 $\pm$ 661.366 χ^2 /NDF: 4.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2296.145 $\pm$ 628.378 χ^2 /NDF: 6.8/17

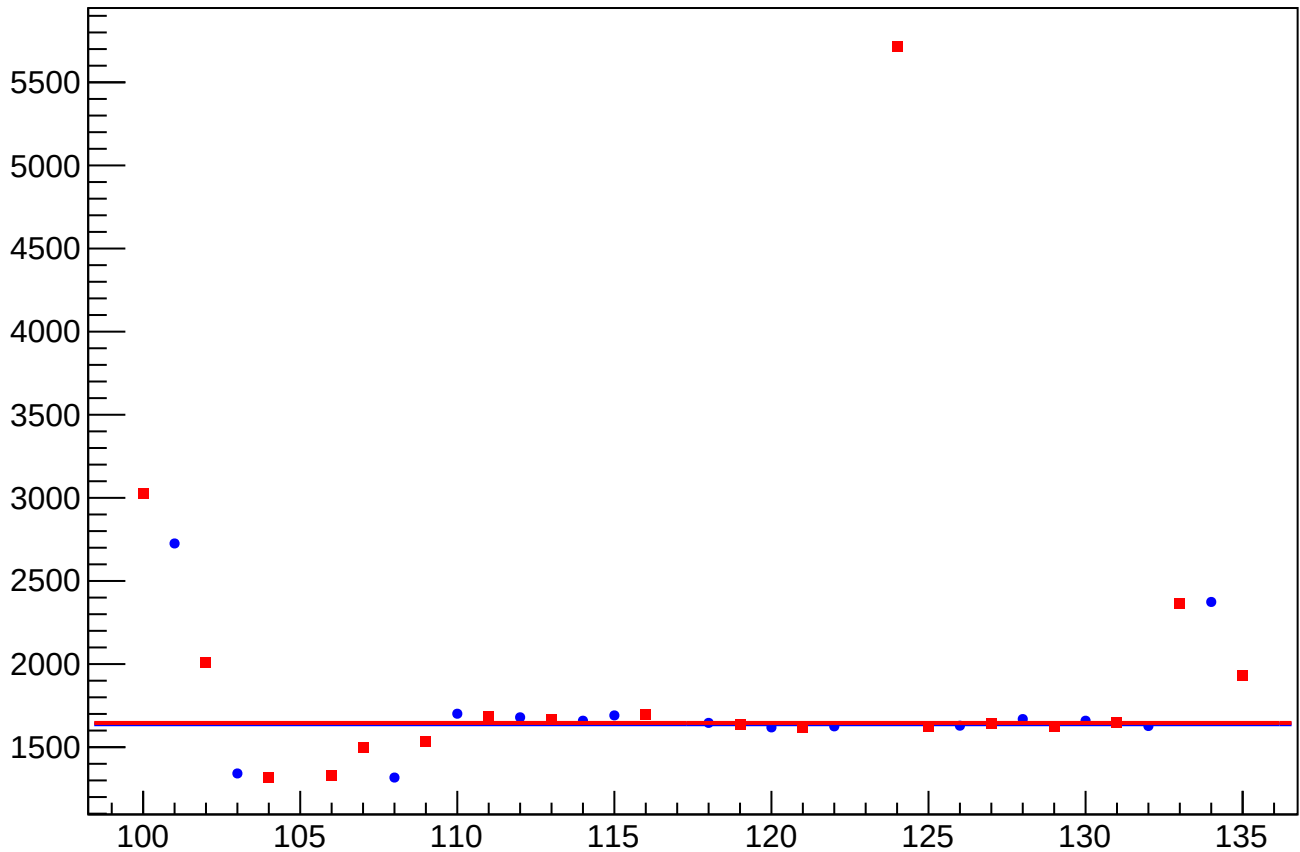
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 316.462 $\pm$ 455.546 χ^2 /NDF: 47.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_avg_rms vs Slug



Right In: 1638.140+/-0.468 χ^2/NDF : 387133.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

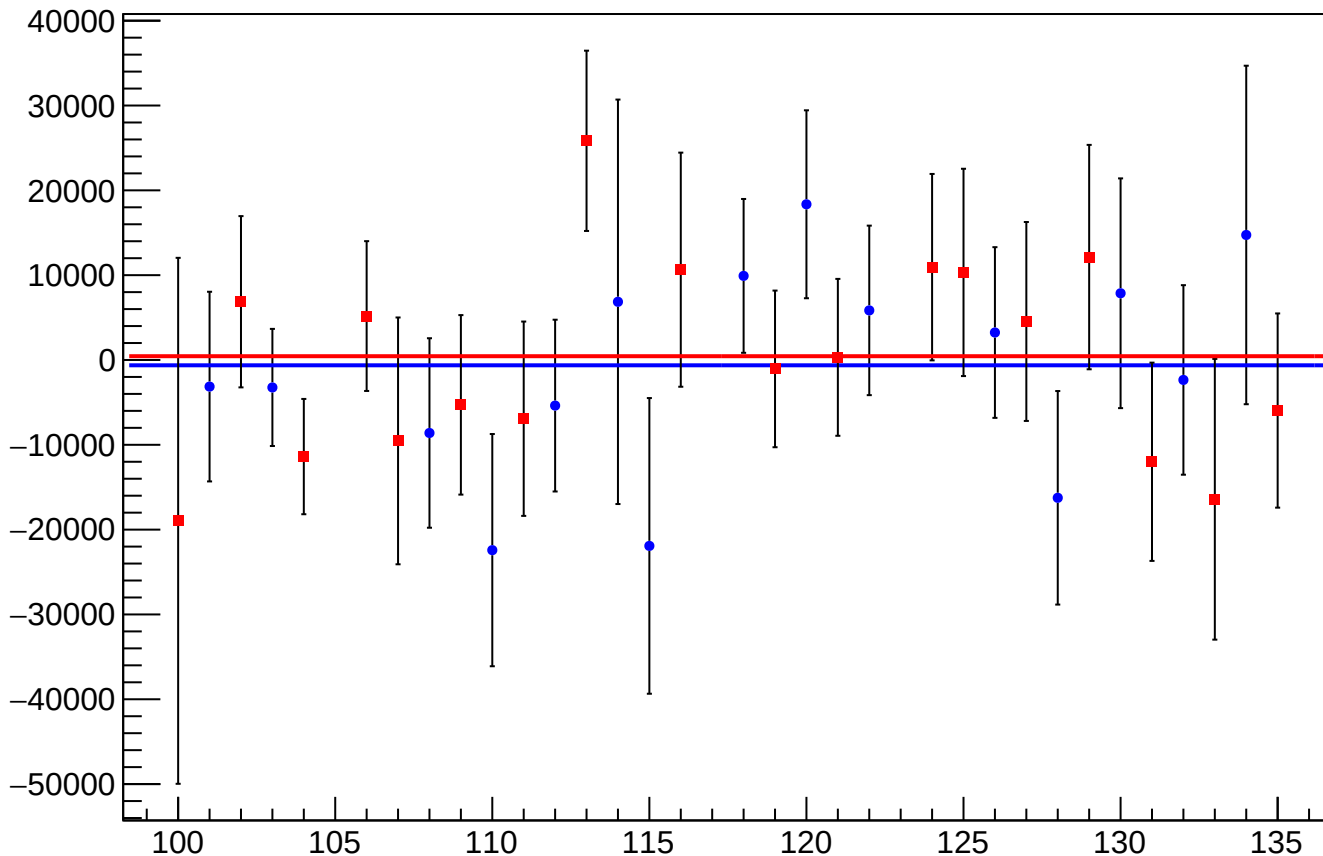
Right Out: 1645.883+/-0.444 χ^2/NDF : 425083.1/17

All: 1642.209+/-0.322 χ^2/NDF : 812360.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_mean vs Slug



Right In: -626.881+/-2891.392 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 445.782+/-2576.071 χ^2/NDF : 16.5/17

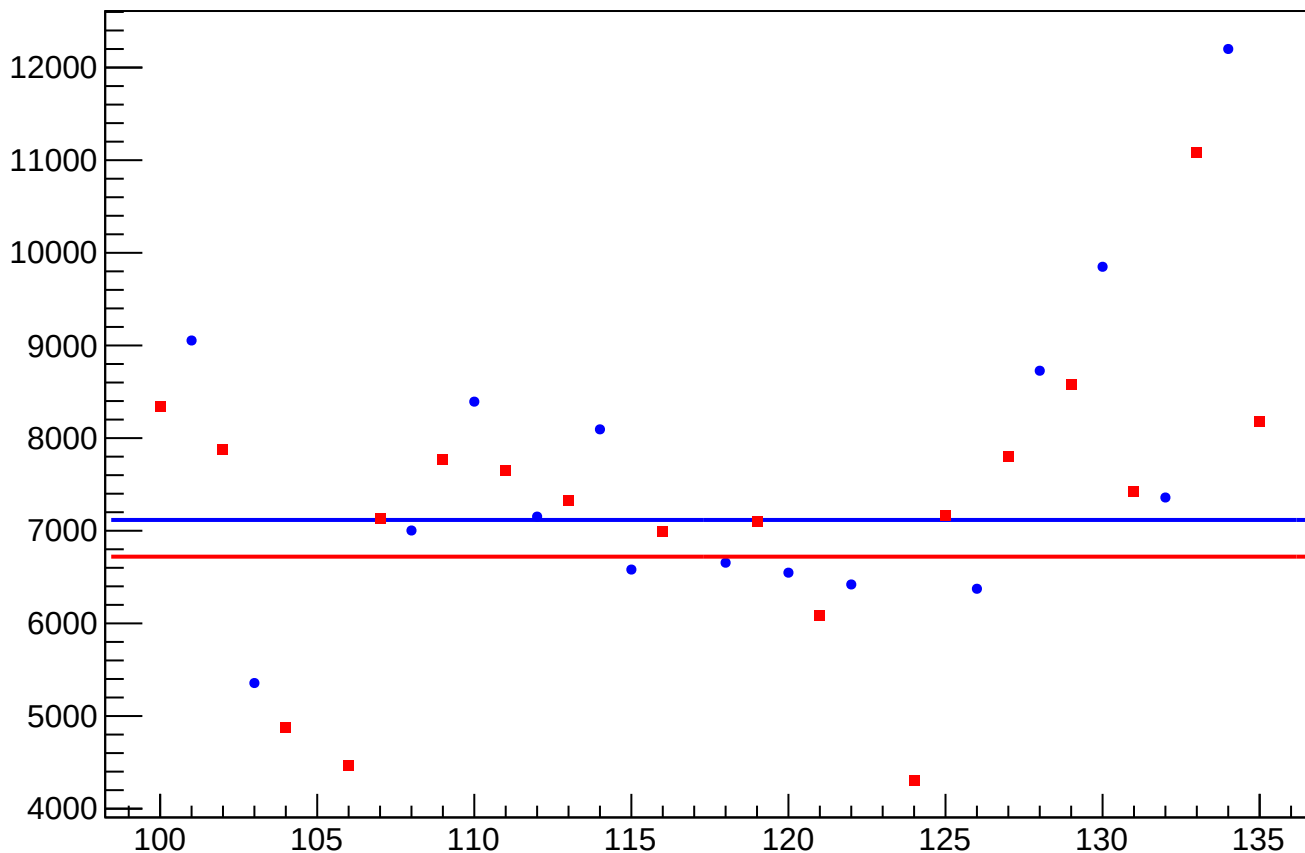
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.892+/-1923.415 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_correction_rms vs Slug



Right In: 7116.581+/-2.045 χ^2/NDF : 488932.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

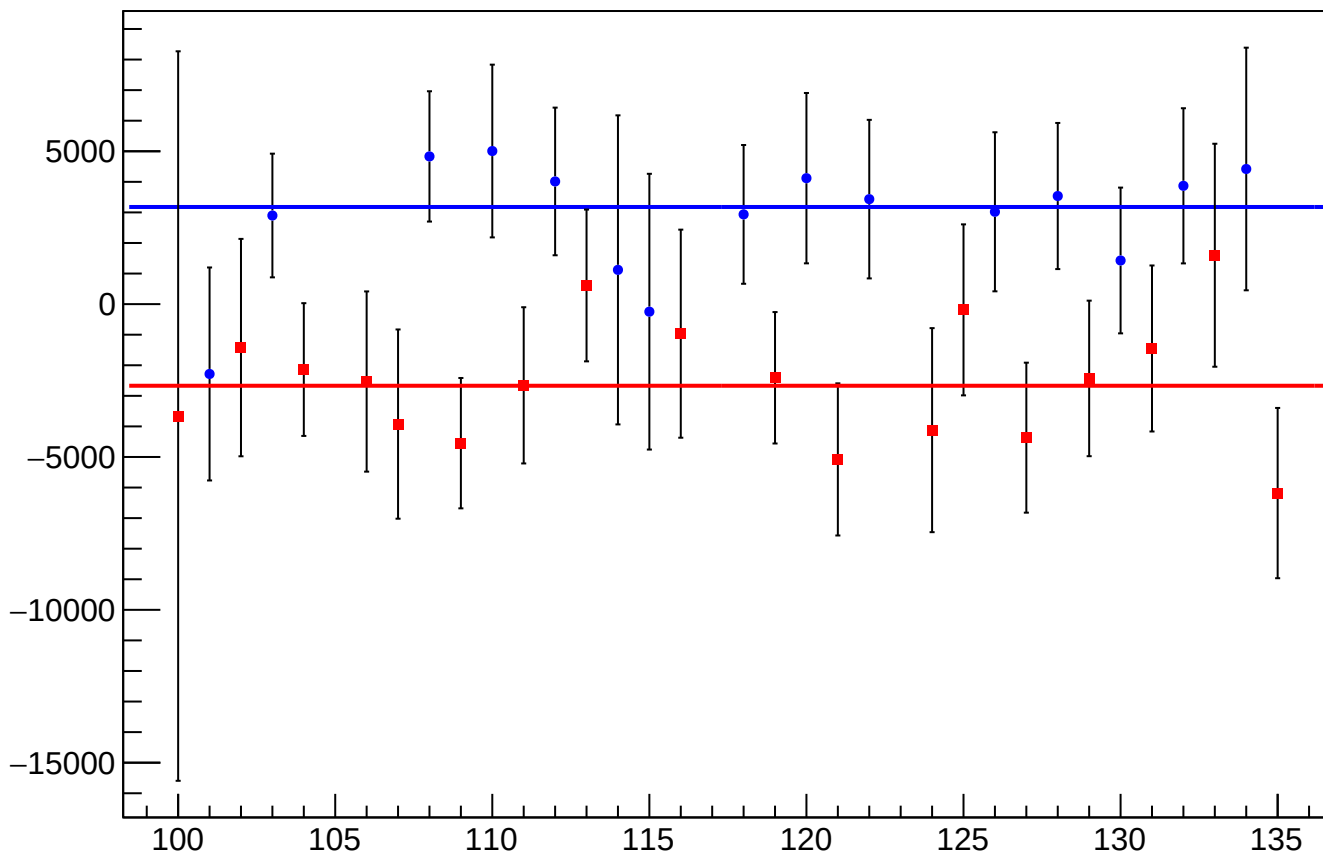
Right Out: 6720.377+/-1.822 χ^2/NDF : 697615.7/17

All: 6895.705+/-1.360 χ^2/NDF : 1207483.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_mean vs Slug



Right In: 3177.670+/-686.626 χ^2/NDF : 5.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2670.067+/-646.106 χ^2/NDF : 8.7/17

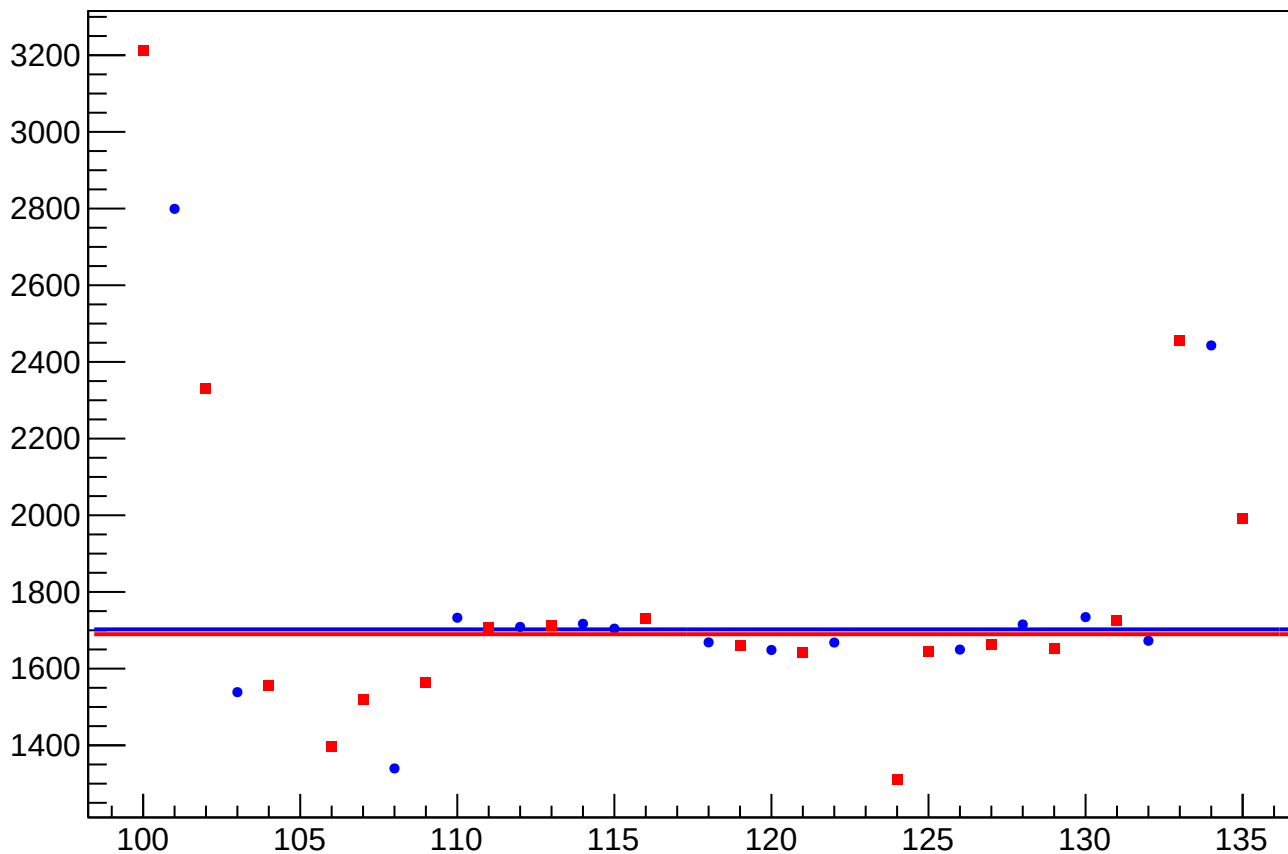
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.174+/-470.539 χ^2/NDF : 52.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_avg_rms vs Slug



Right In: 1702.377 $\pm$ 0.486 χ^2 /NDF: 342318.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1689.776 $\pm$ 0.457 χ^2 /NDF: 278698.0/17

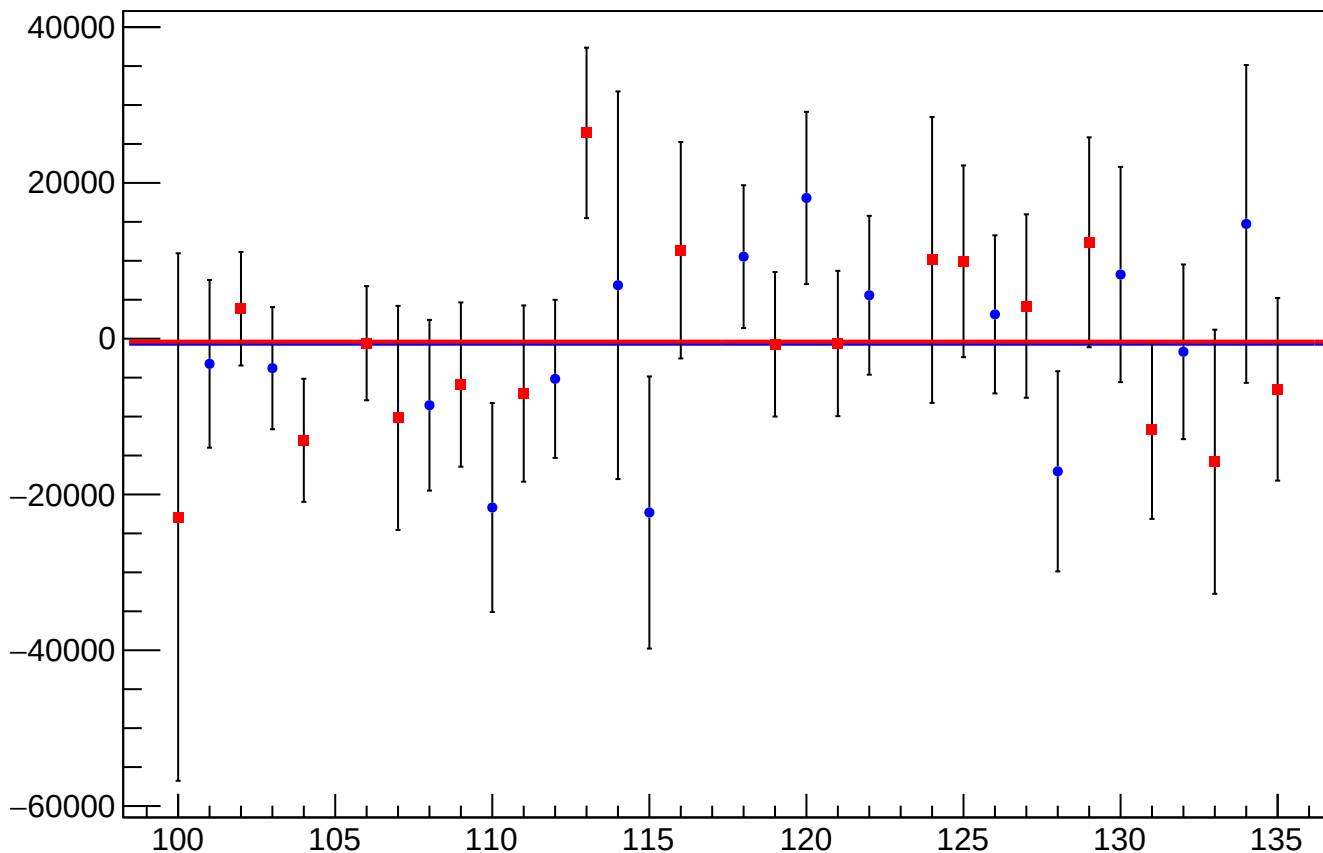
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1695.691 $\pm$ 0.333 χ^2 /NDF: 621373.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_correction_mean vs Slug



Right In: -646.586 $\pm$ 2956.133 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -381.641 $\pm$ 2553.881 χ^2 /NDF: 15.3/17

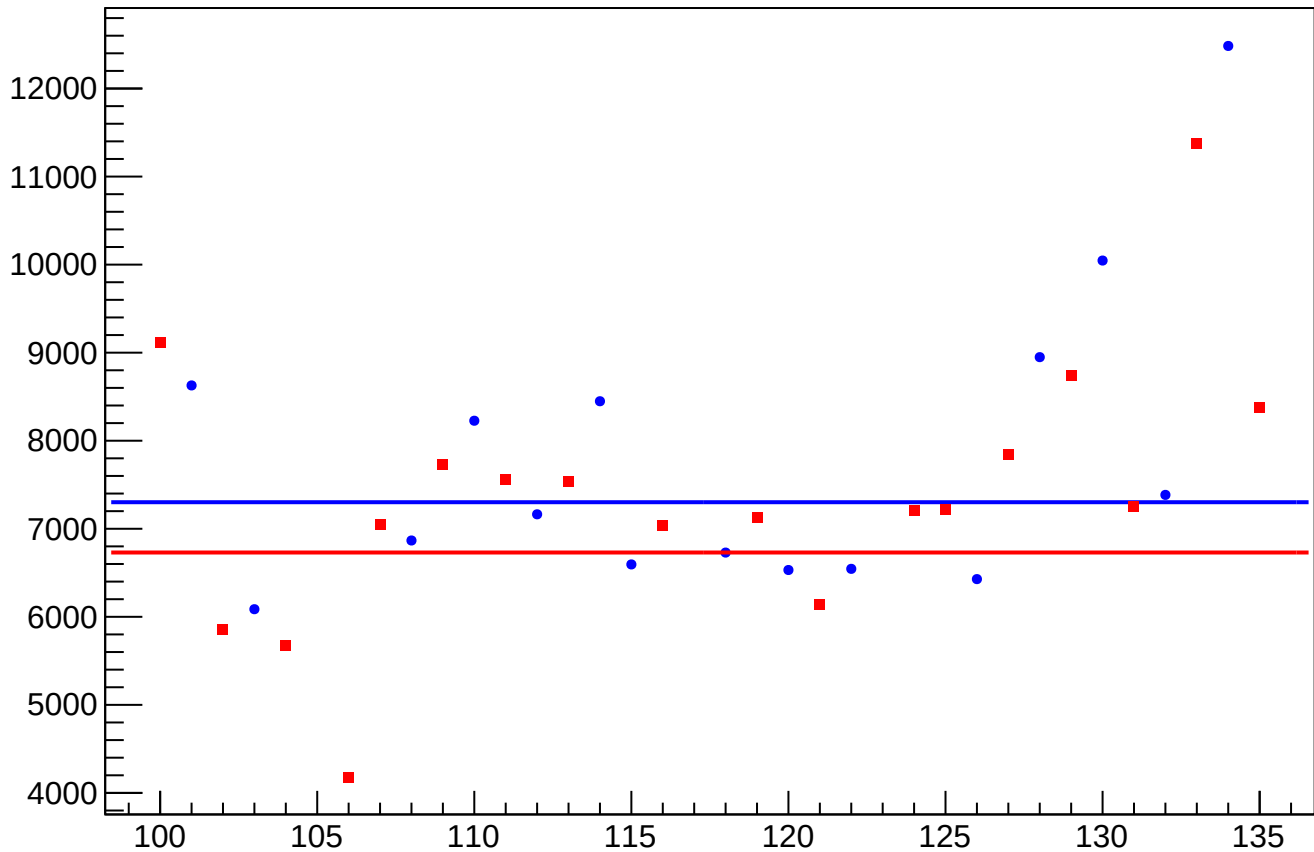
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -494.874 $\pm$ 1932.559 χ^2 /NDF: 27.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_correction_rms vs Slug



Right In: 7301.558+/-2.090 χ^2/NDF : 383161.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

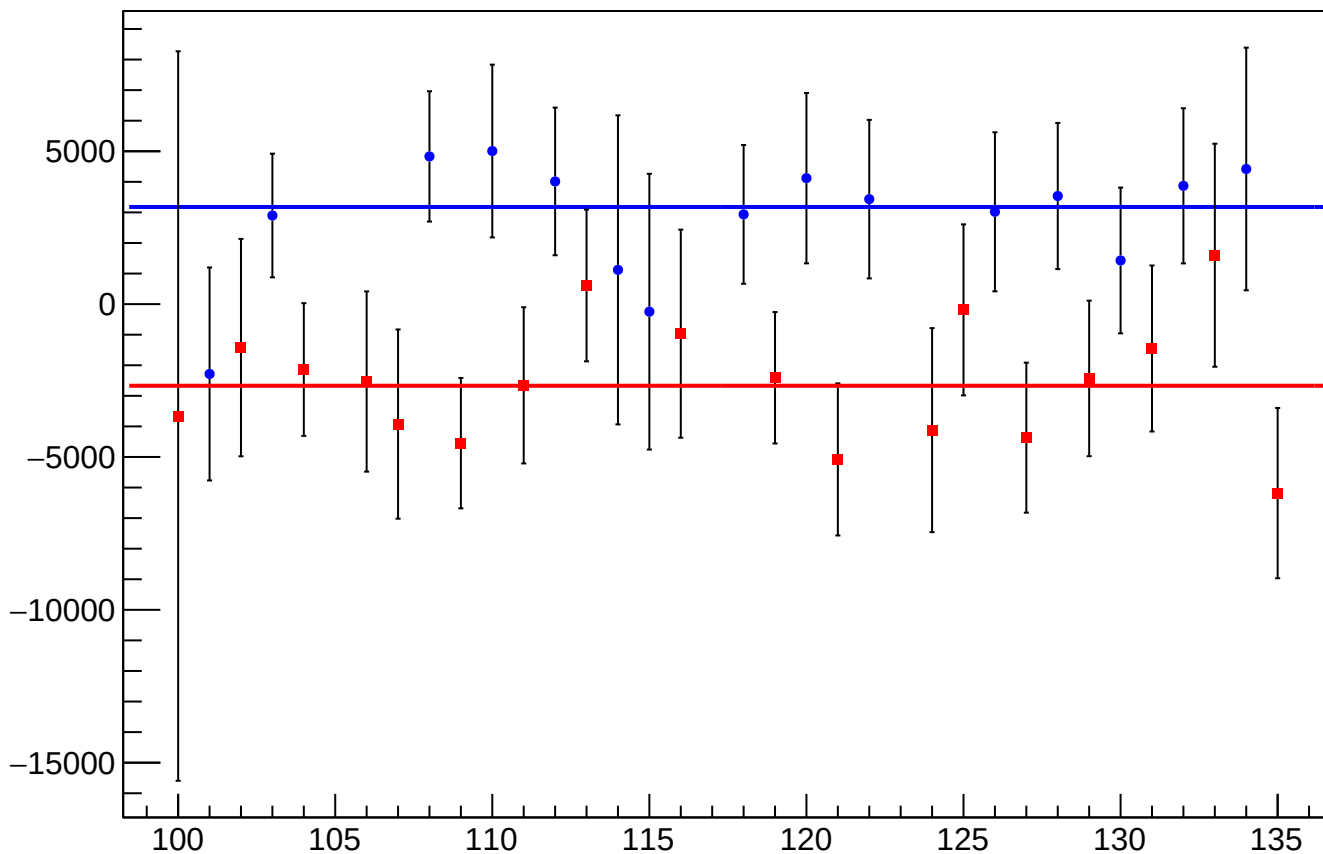
Right Out: 6730.378+/-1.806 χ^2/NDF : 630657.8/17

All: 6974.491+/-1.367 χ^2/NDF : 1056574.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_avg_mean vs Slug



Right In: 3177.672 $\pm$ 686.625 χ^2 /NDF: 5.2/14

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

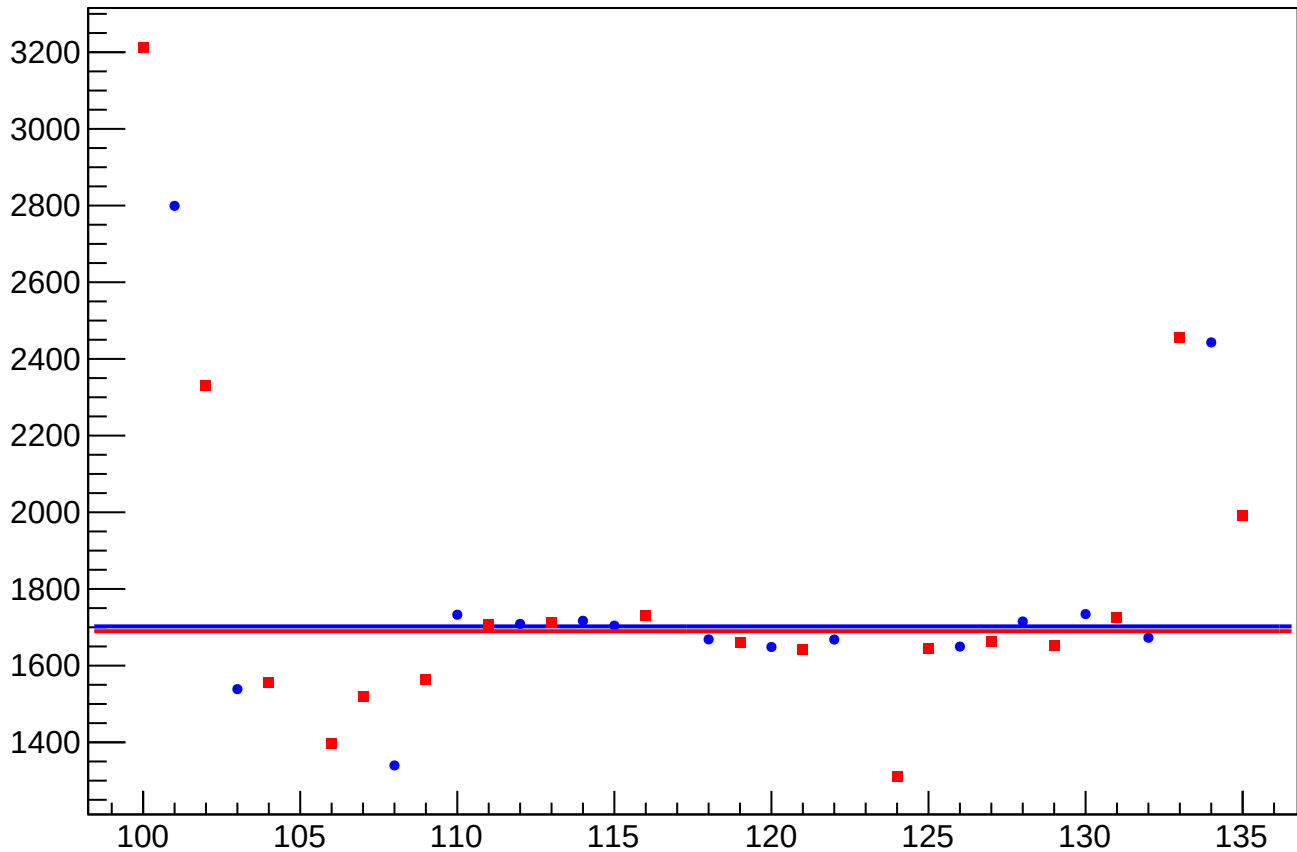
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.171 $\pm$ 470.539 χ^2 /NDF: 52.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_at2_avg_rms vs Slug



Right In: 1702.376+/-0.486 χ^2/NDF : 342318.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

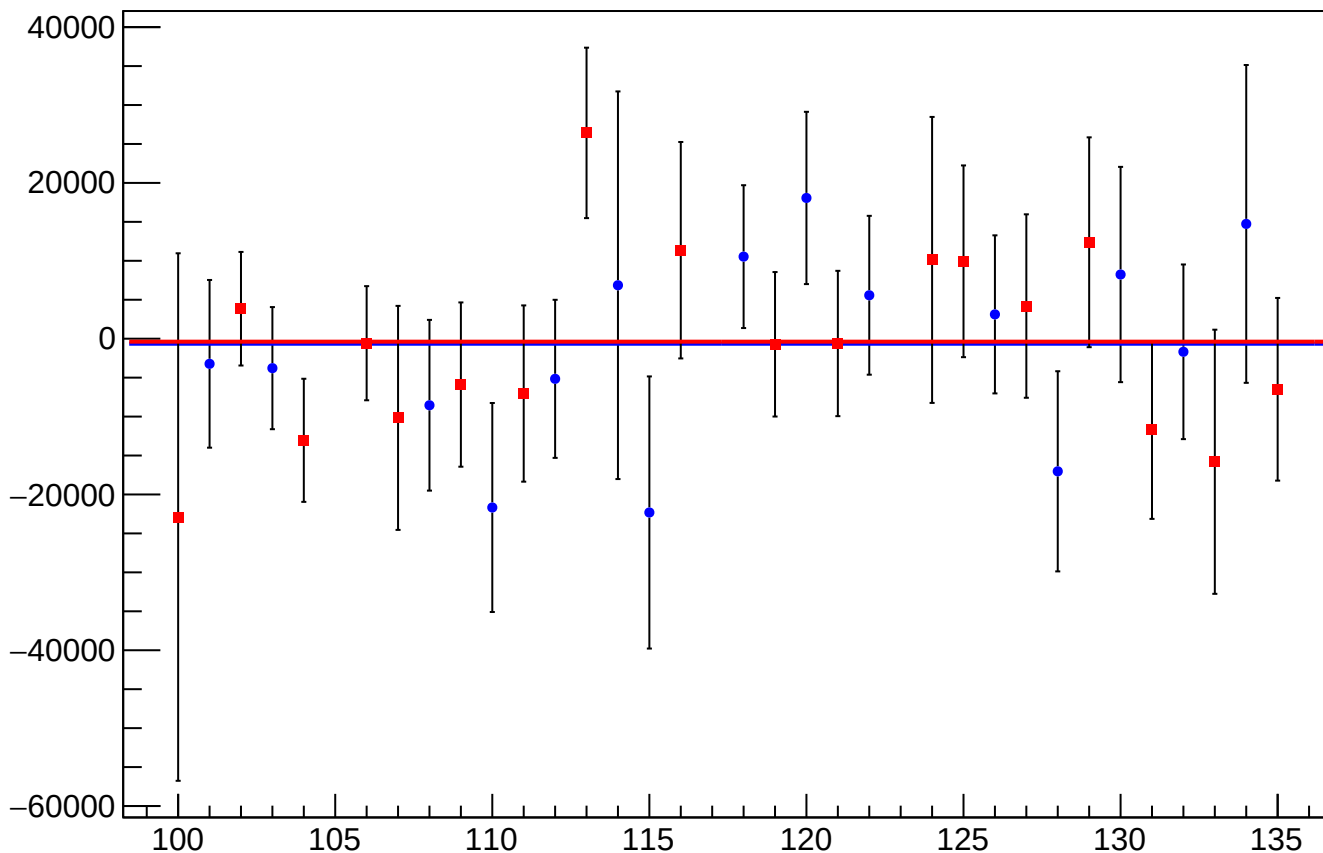
Right Out: 1689.776+/-0.457 χ^2/NDF : 278698.1/17

All: 1695.691+/-0.333 χ^2/NDF : 621373.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_mean vs Slug



Right In: -646.577+/-2956.125 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -381.646+/-2553.875 χ^2/NDF : 15.3/17

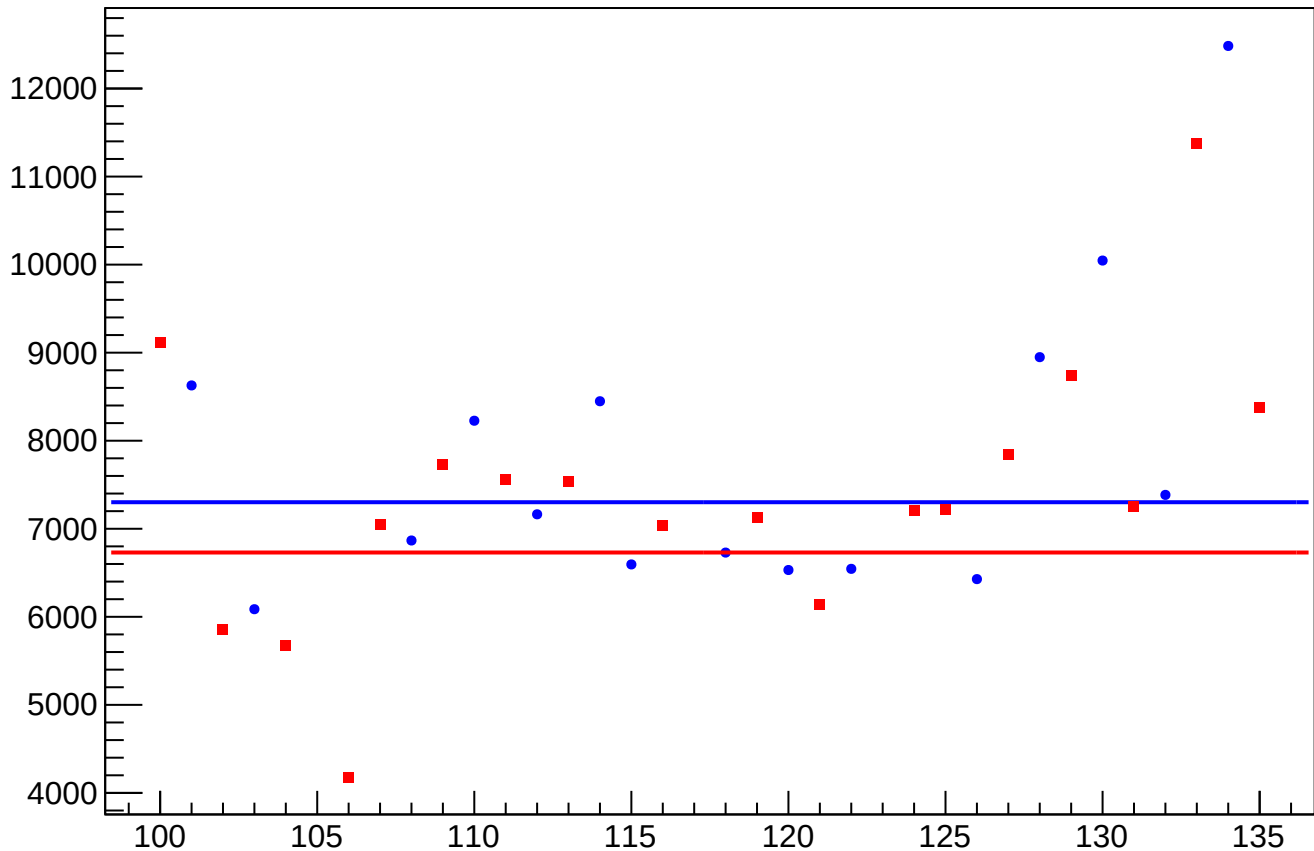
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -494.873+/-1932.554 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_correction_rms vs Slug



Right In: 7301.537+/-2.090 χ^2/NDF : 383162.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

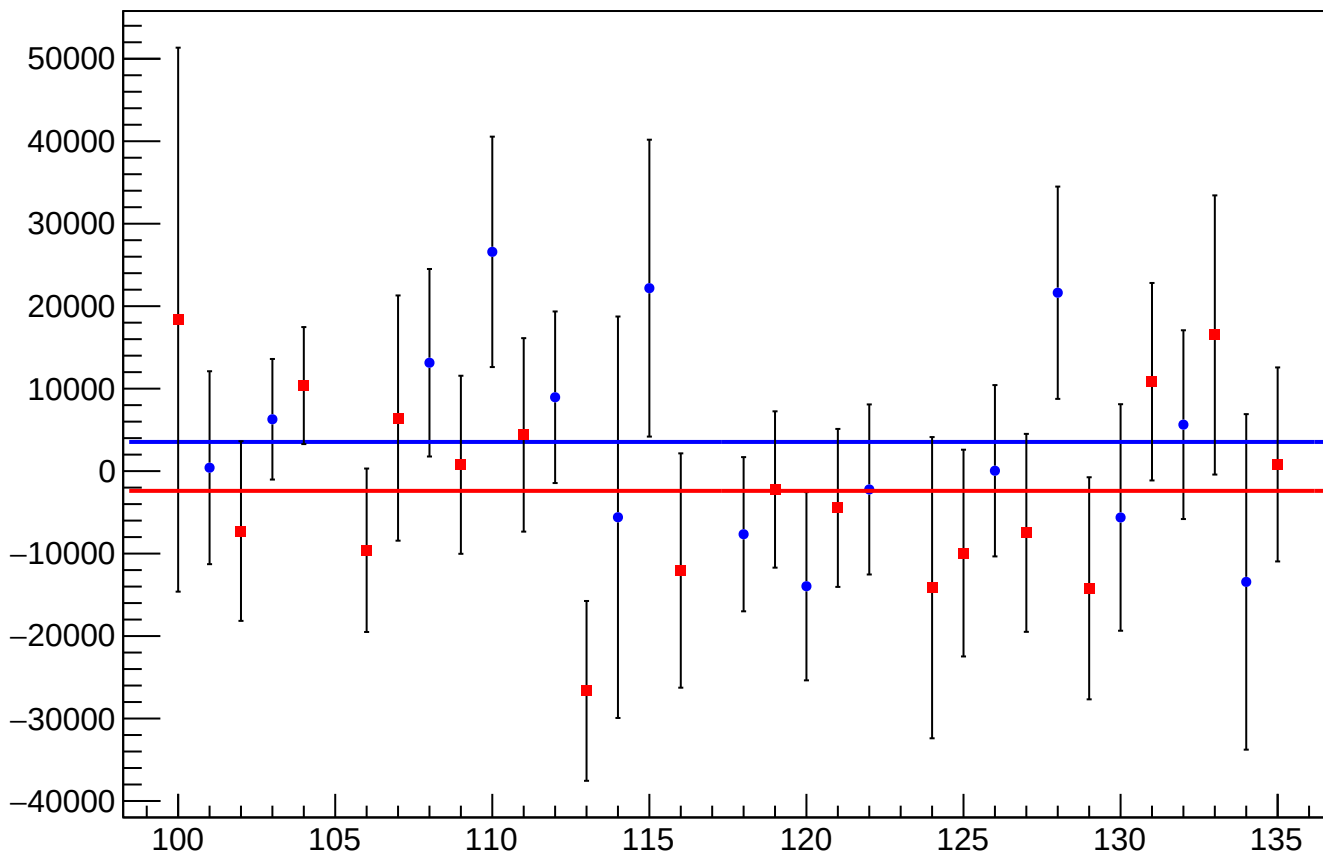
Right Out: 6730.363+/-1.806 χ^2/NDF : 630656.1/17

All: 6974.473+/-1.367 χ^2/NDF : 1056573.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_mean vs Slug



Right In: 3537.519 $\pm$ 2987.077 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2395.644 $\pm$ 2724.806 χ^2 /NDF: 14.9/17

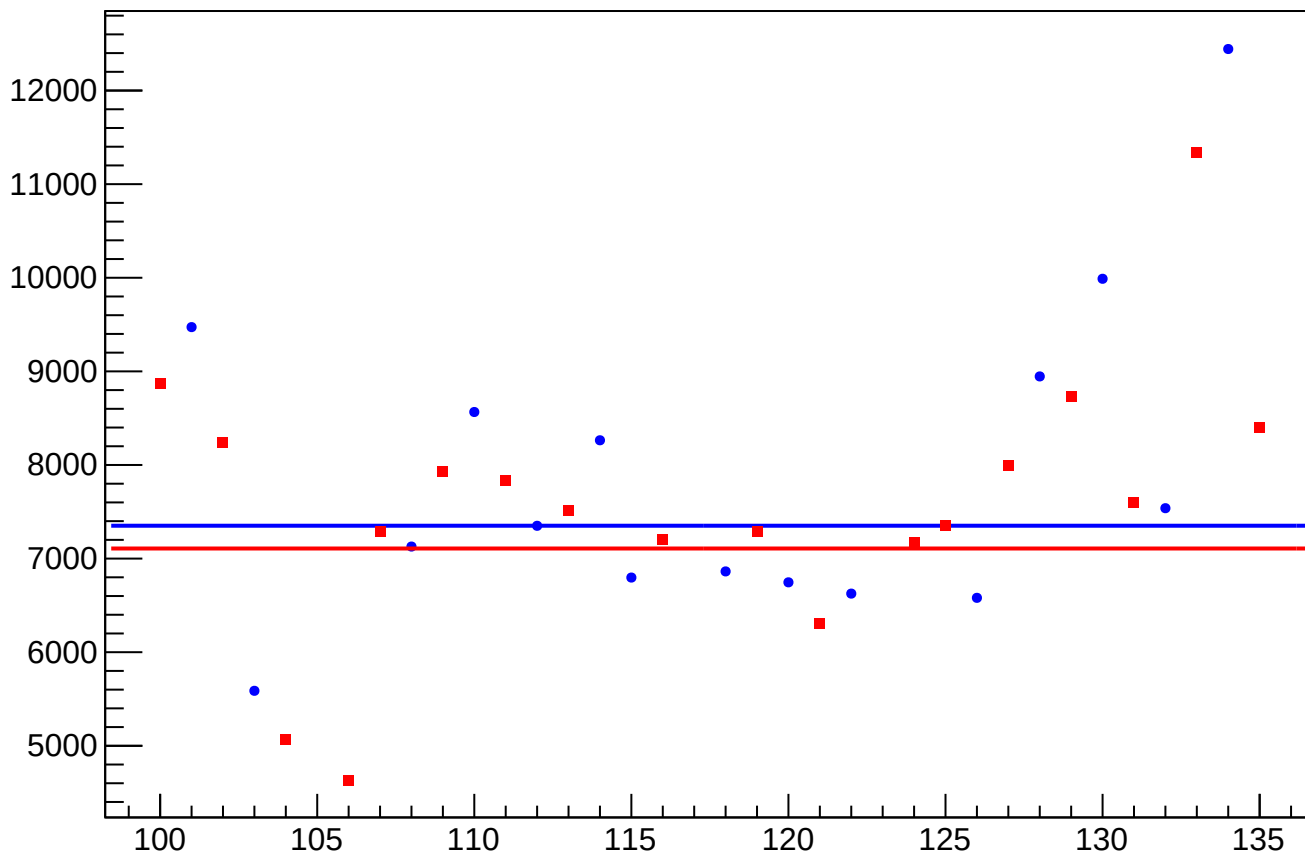
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 299.079 $\pm$ 2013.077 χ^2 /NDF: 29.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_rms vs Slug



Right In: 7351.046+/-2.112 χ^2/NDF : 465143.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7107.716+/-1.927 χ^2/NDF : 548859.7/17

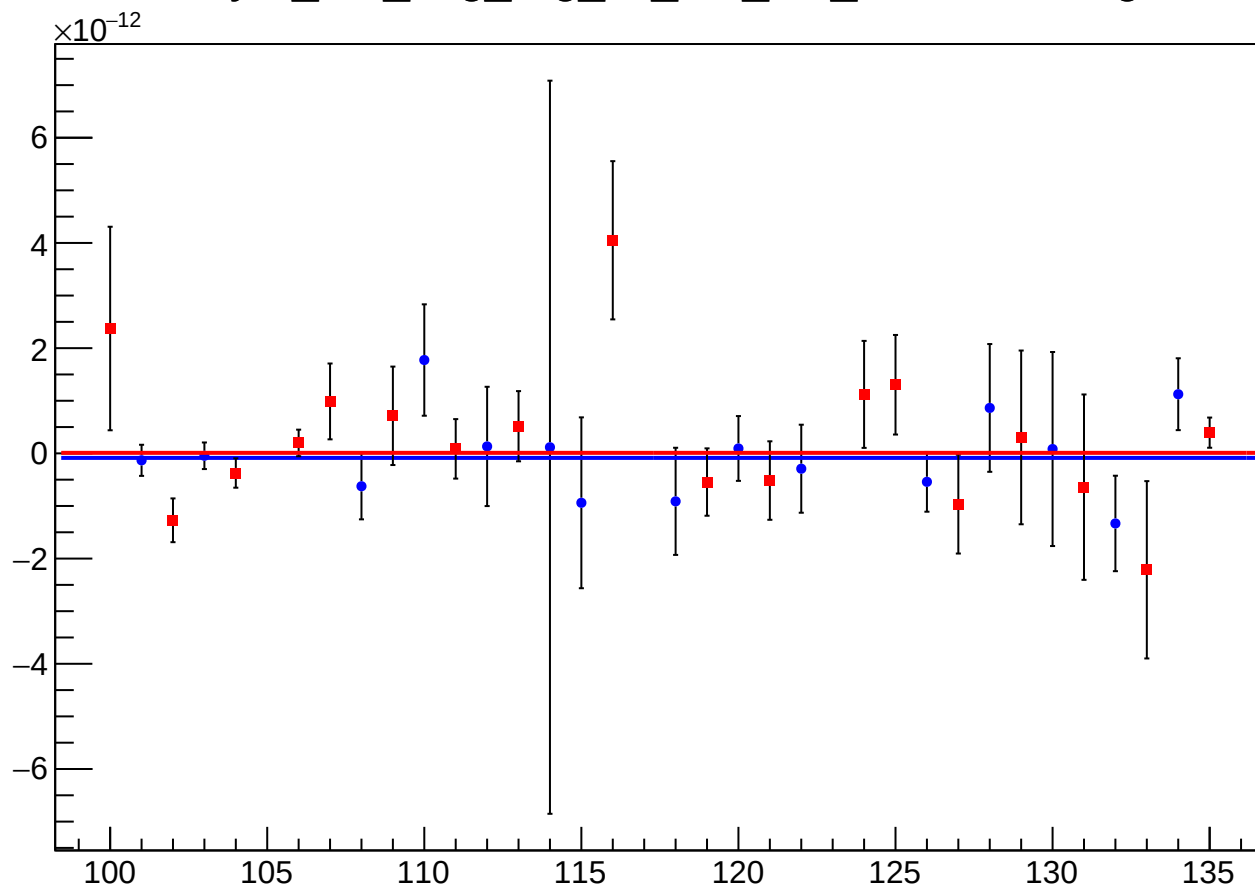
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7218.224+/-1.423 χ^2/NDF : 1021247.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 32.7/17

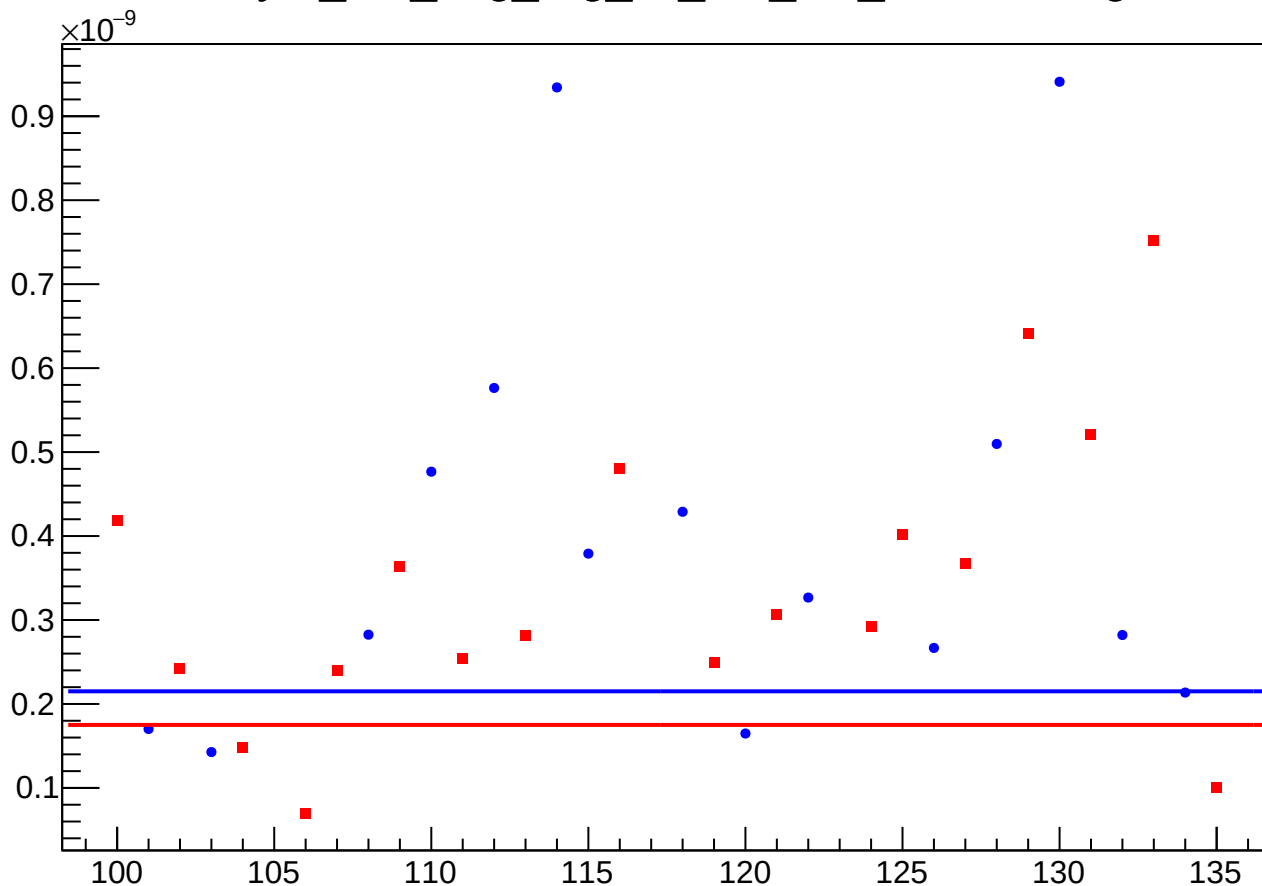
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 44.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1192111.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1640494.9/17

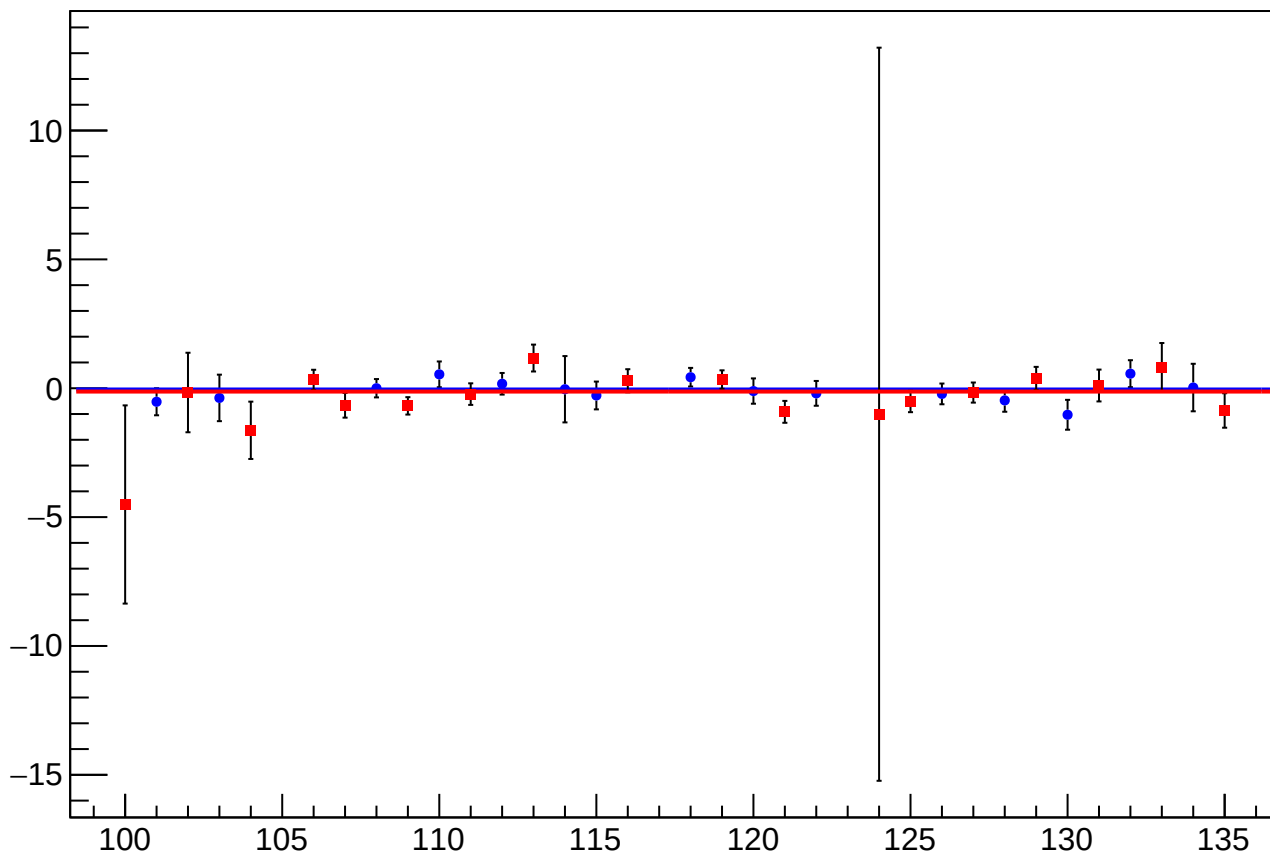
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2916366.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.129 ± 0.118 χ^2/NDF : 25.3/17

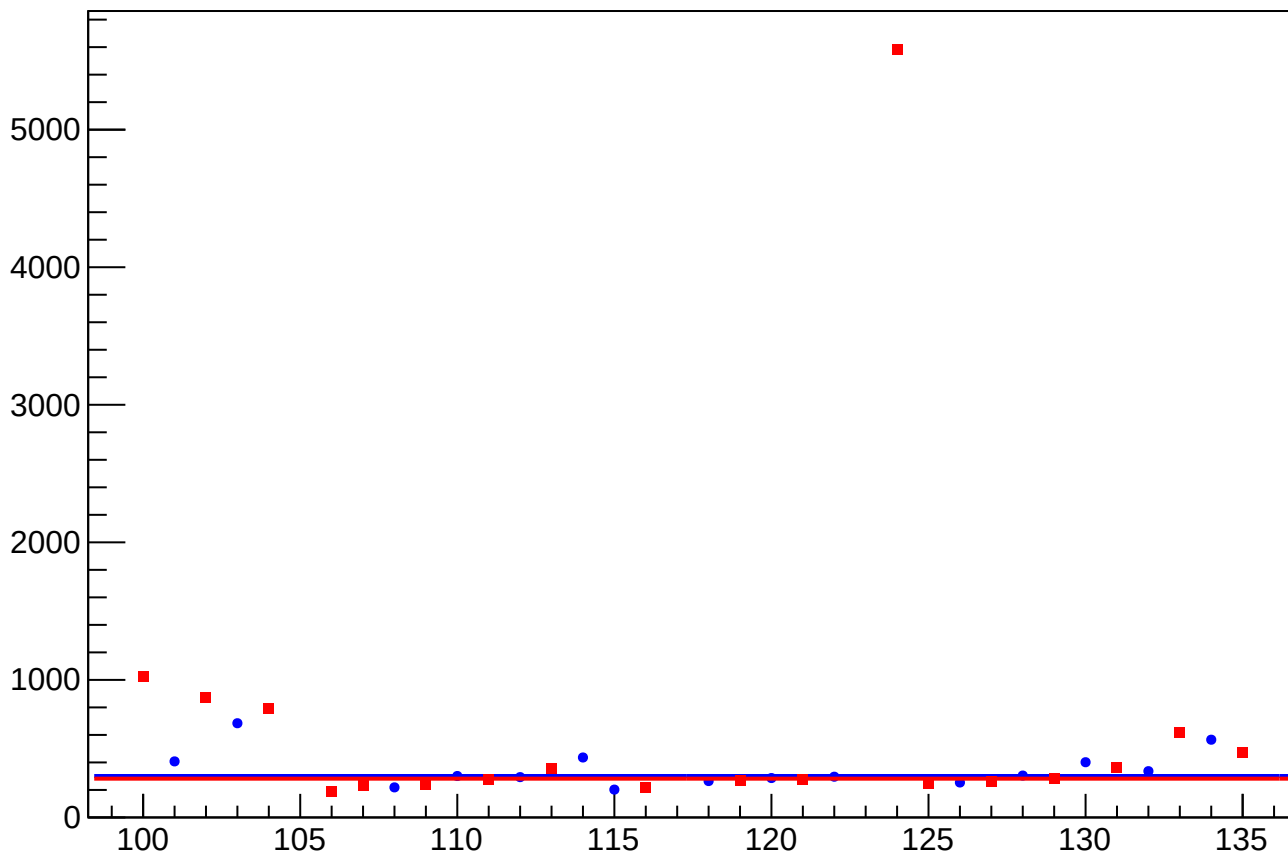
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.092 ± 0.086 χ^2/NDF : 35.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

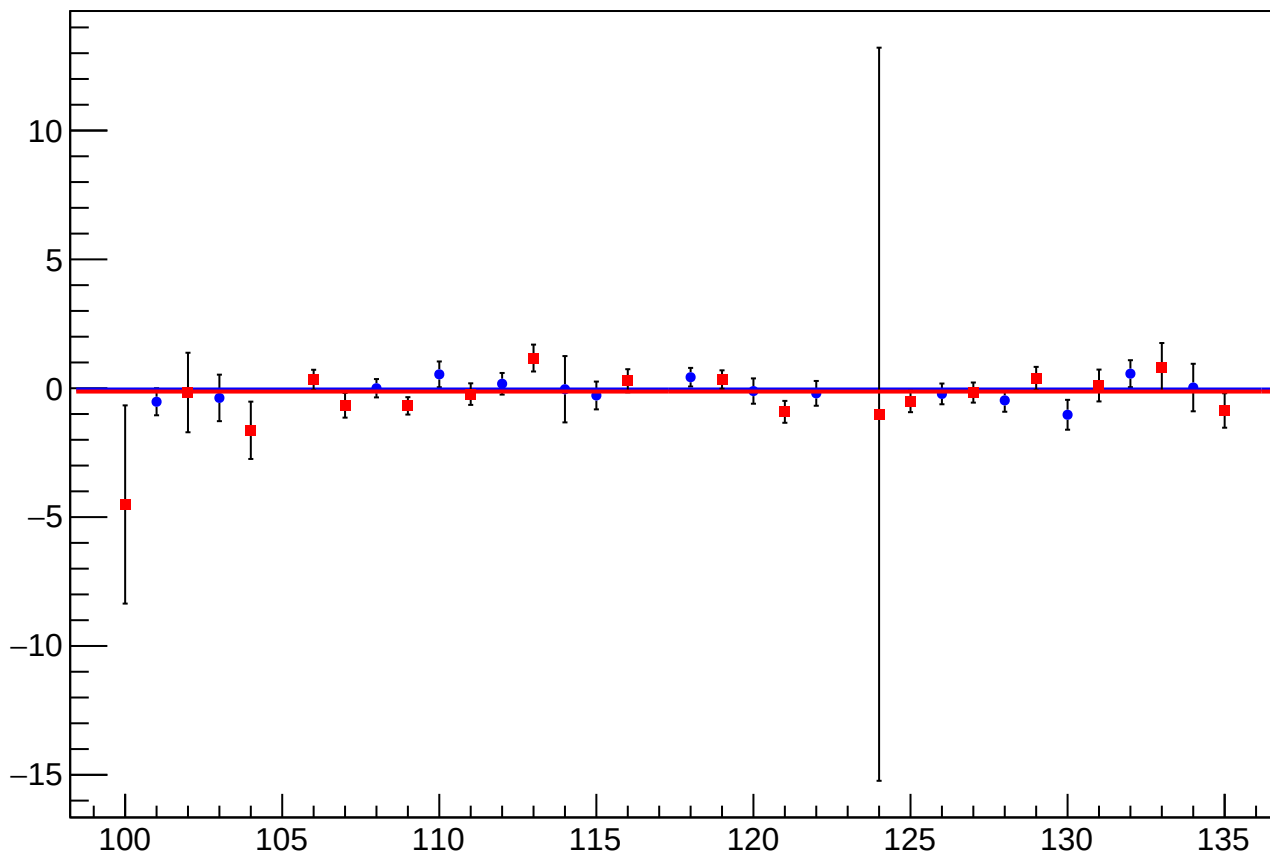
Right Out: 281.994+/-0.083 χ^2/NDF : 1809229.3/17

All: 290.906+/-0.061 χ^2/NDF : 2758552.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.129 ± 0.118 χ^2/NDF : 25.3/17

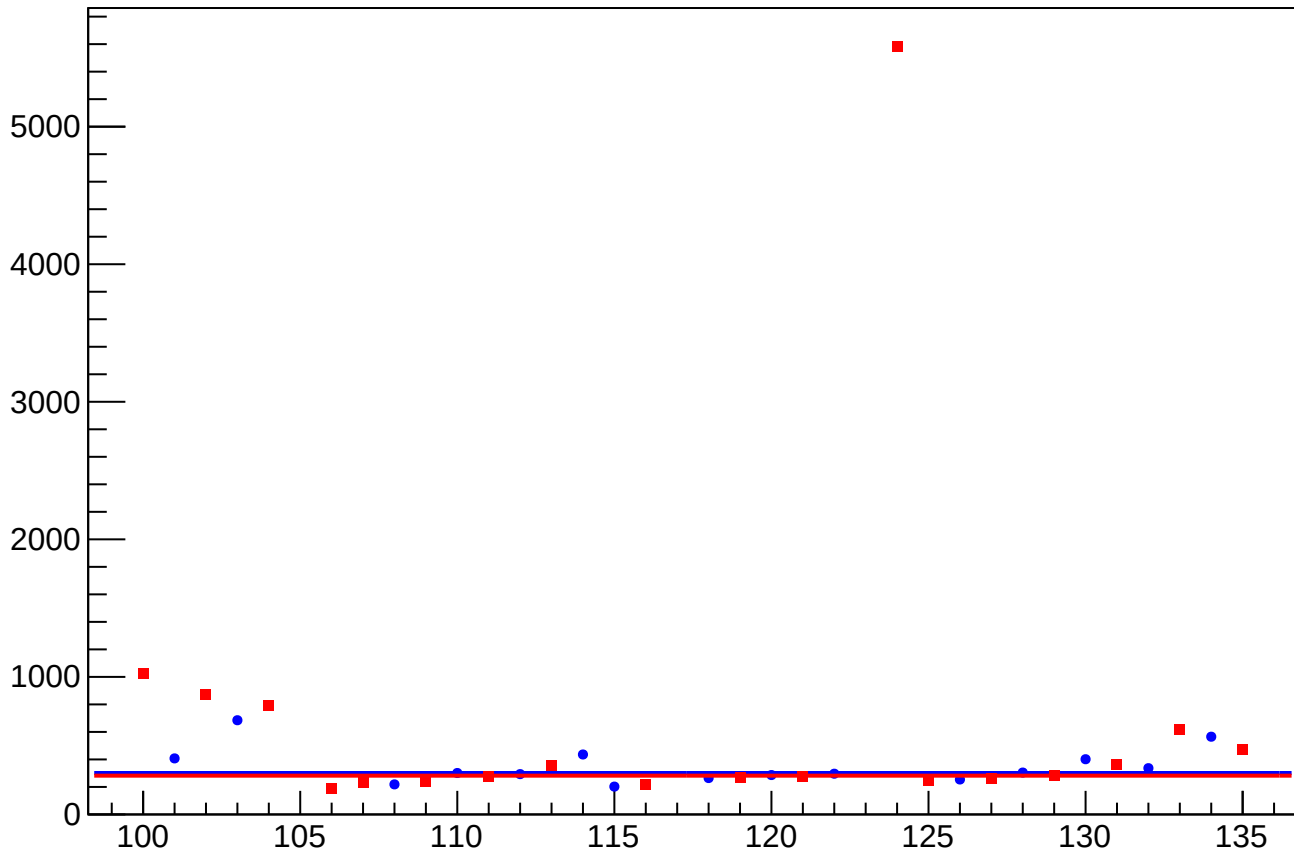
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.092 ± 0.086 χ^2/NDF : 35.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 301.311+/-0.090 χ^2/NDF : 924504.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.994+/-0.083 χ^2/NDF : 1809229.3/17

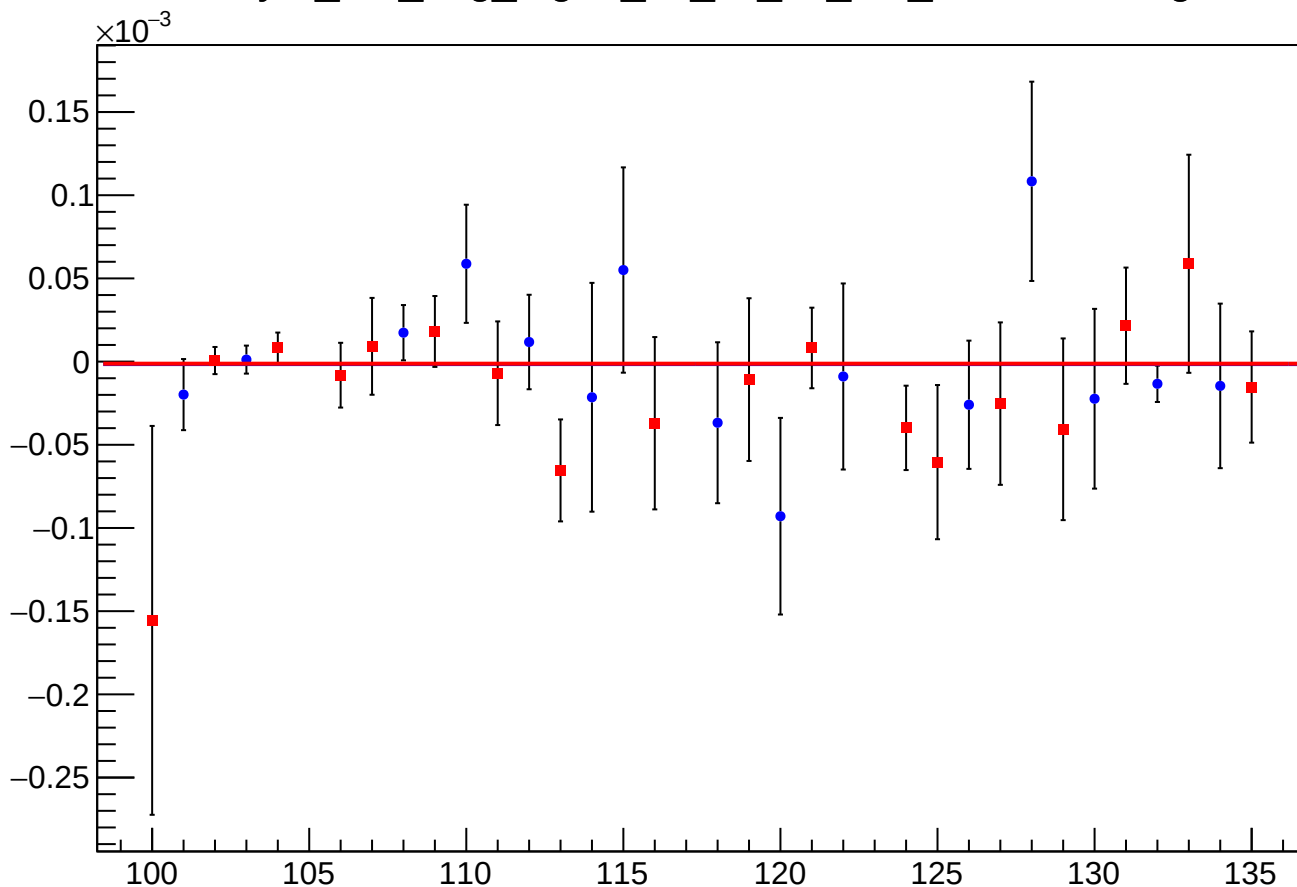
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.906+/-0.061 χ^2/NDF : 2758552.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 14.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.2/17

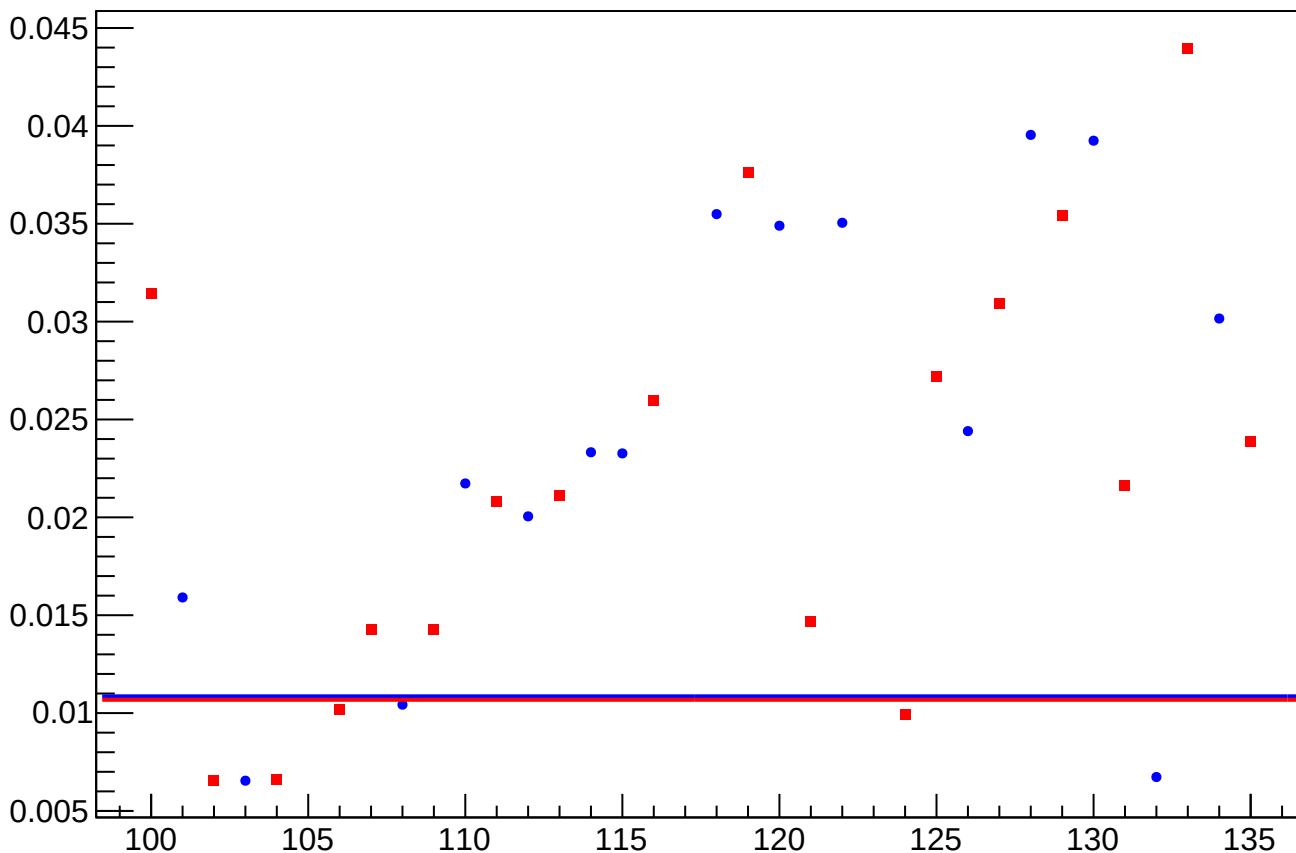
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 4253471.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 4358497.3/17

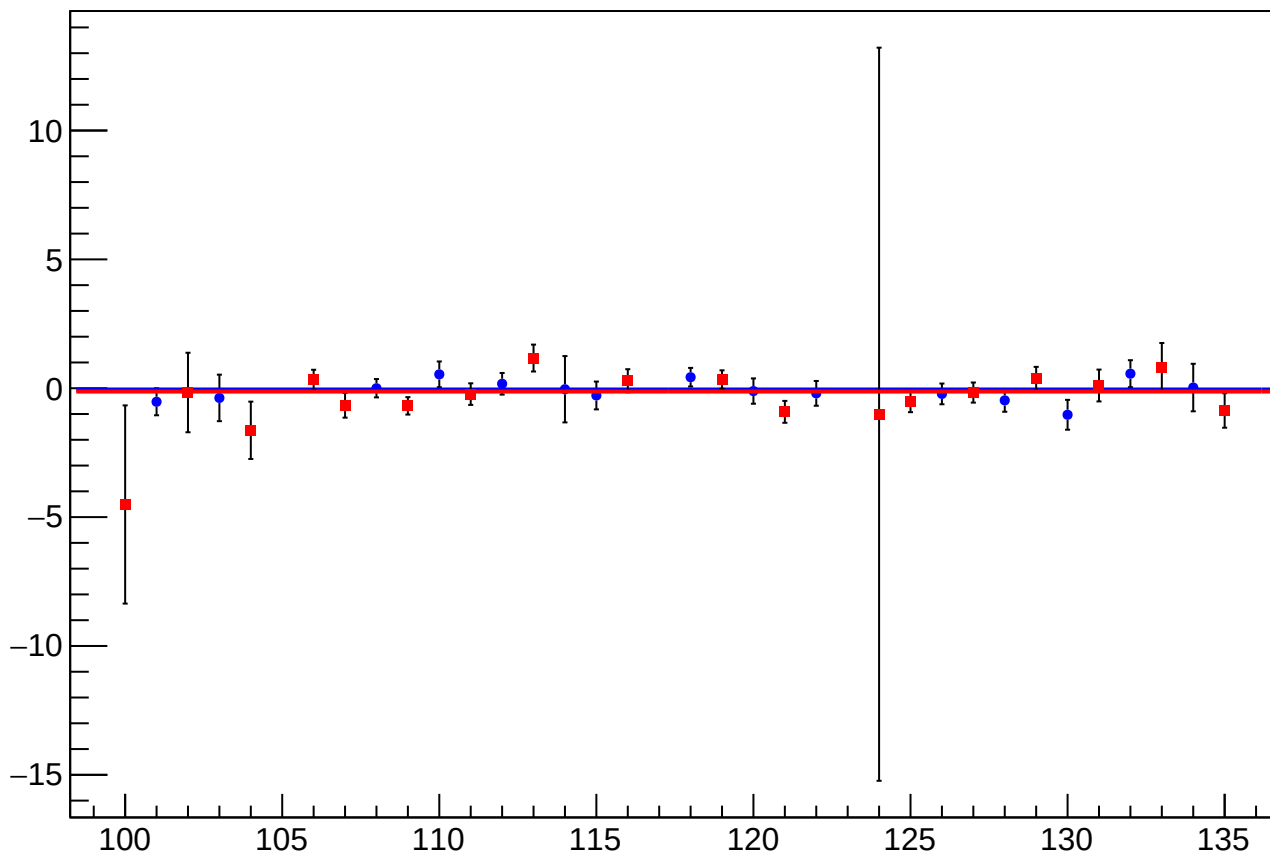
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 8613150.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.129 ± 0.118 χ^2/NDF : 25.3/17

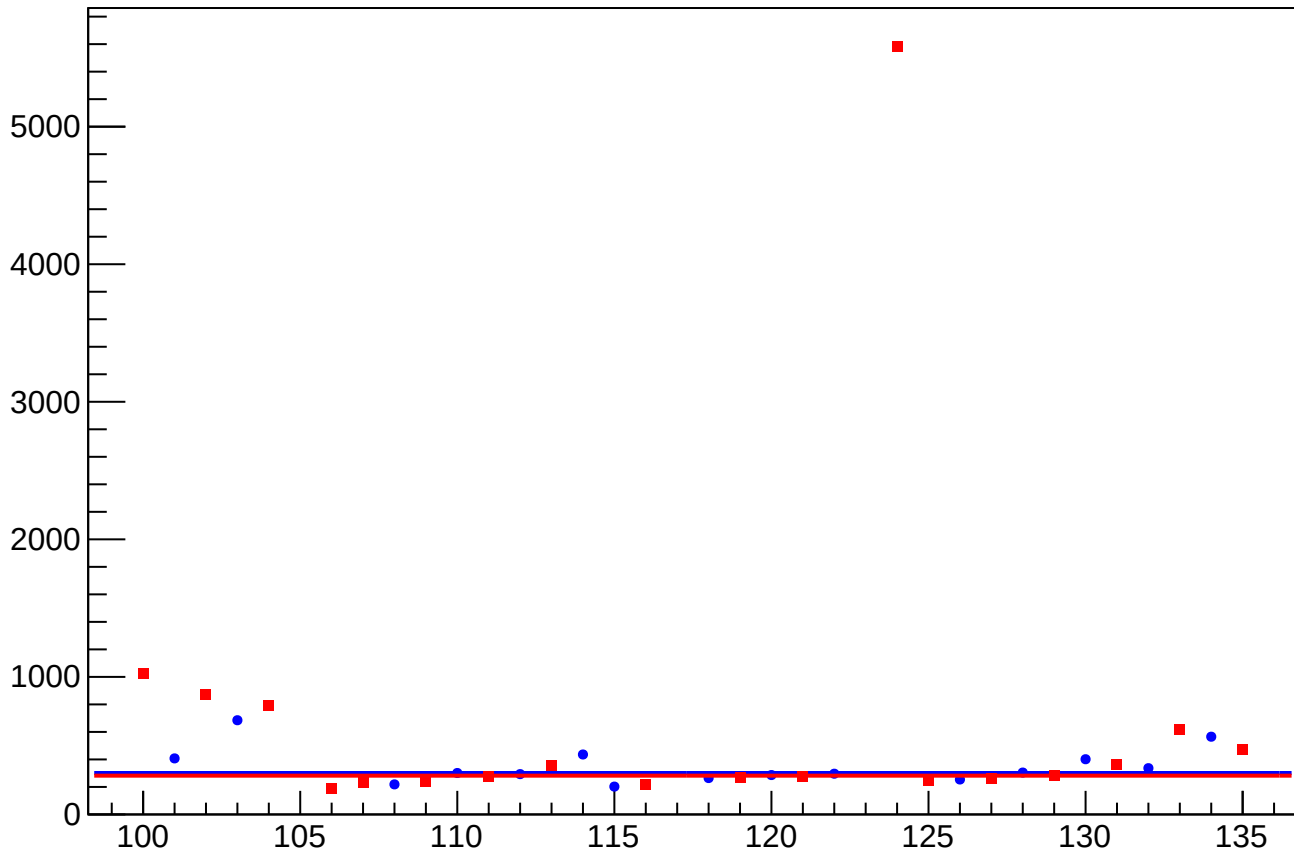
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.092 ± 0.086 χ^2/NDF : 35.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.994+/-0.083 χ^2/NDF : 1809206.5/17

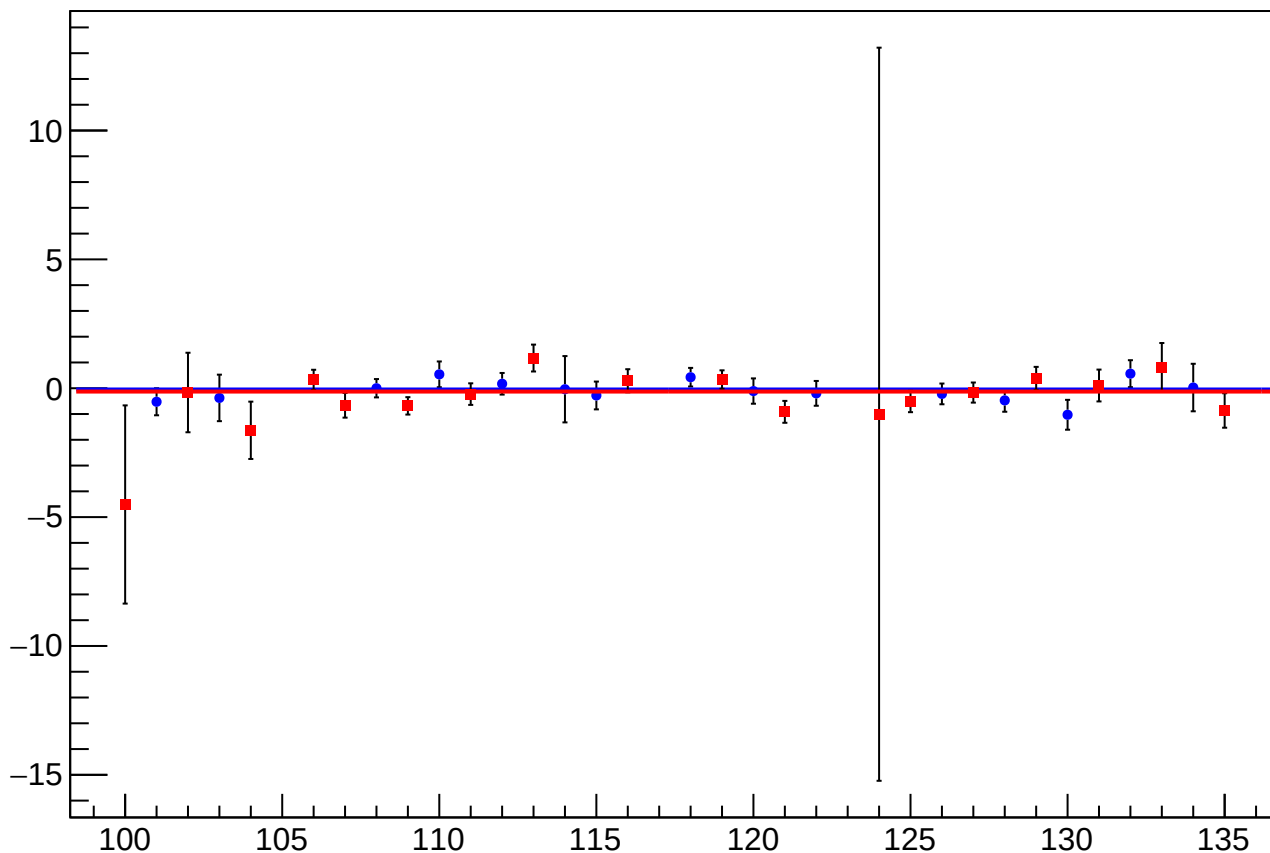
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.905+/-0.061 χ^2/NDF : 2758482.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.127 χ^2/NDF : 10.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.129 ± 0.118 χ^2/NDF : 25.3/17

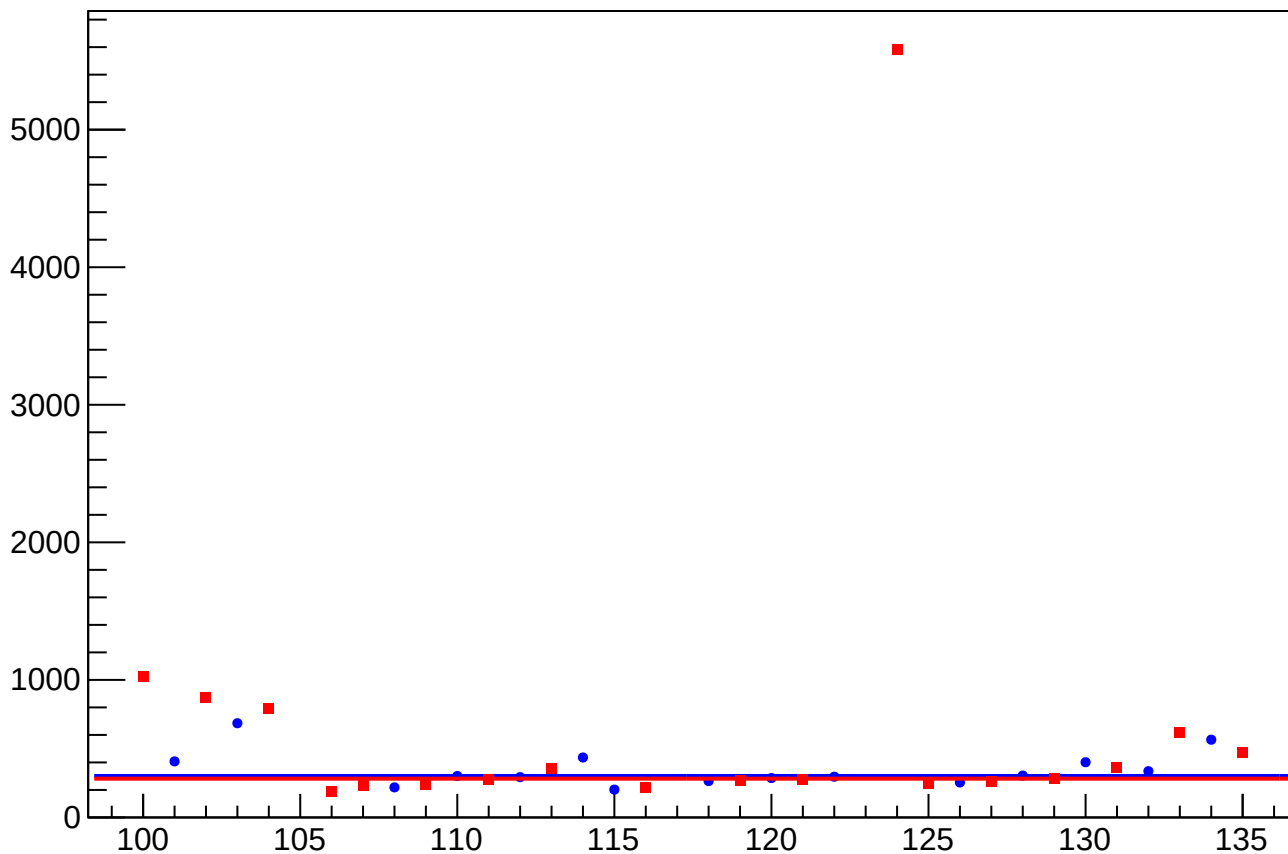
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.092 ± 0.086 χ^2/NDF : 35.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 301.310+/-0.090 χ^2/NDF : 924458.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 281.994+/-0.083 χ^2/NDF : 1809206.5/17

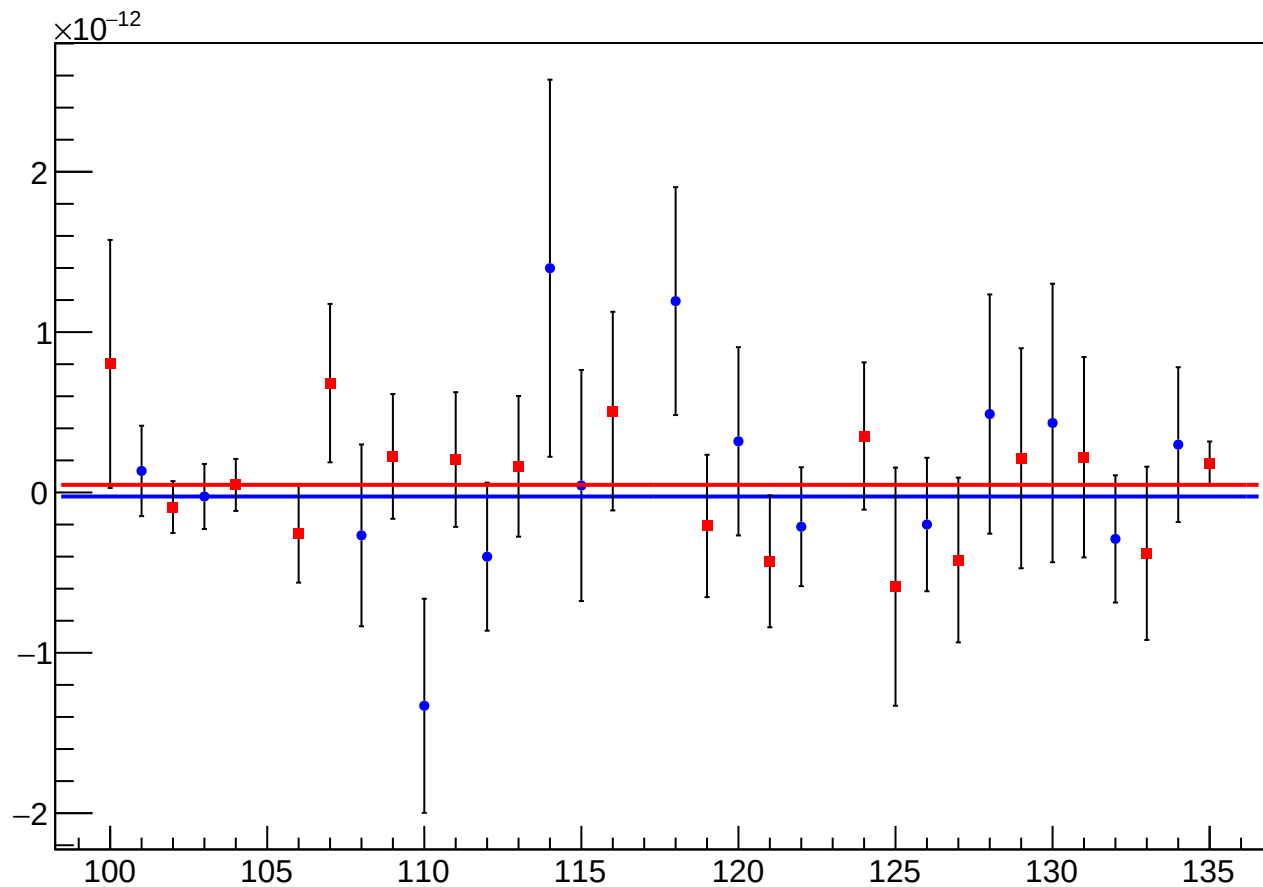
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.905+/-0.061 χ^2/NDF : 2758482.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 10.6/17

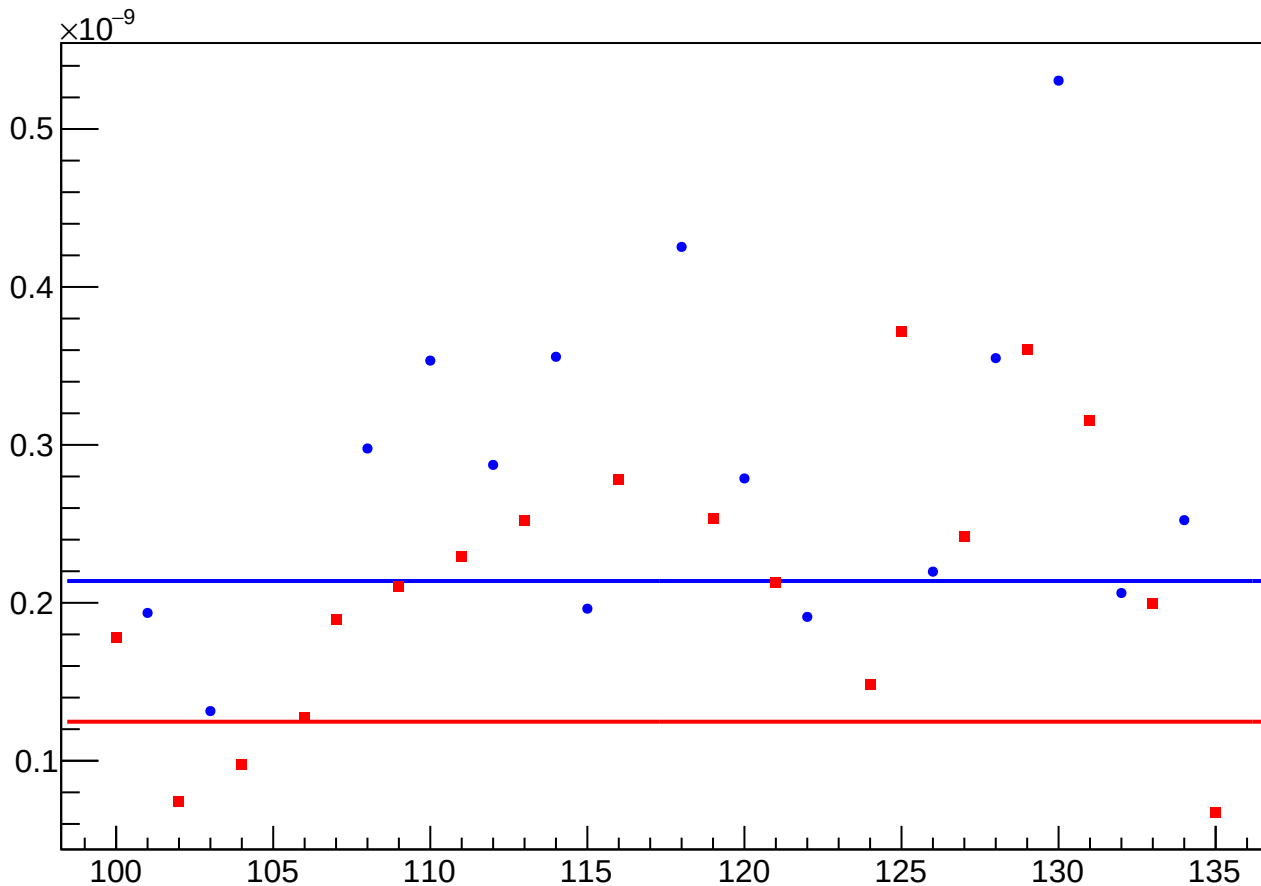
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 22.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1113084.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2209463.1/17

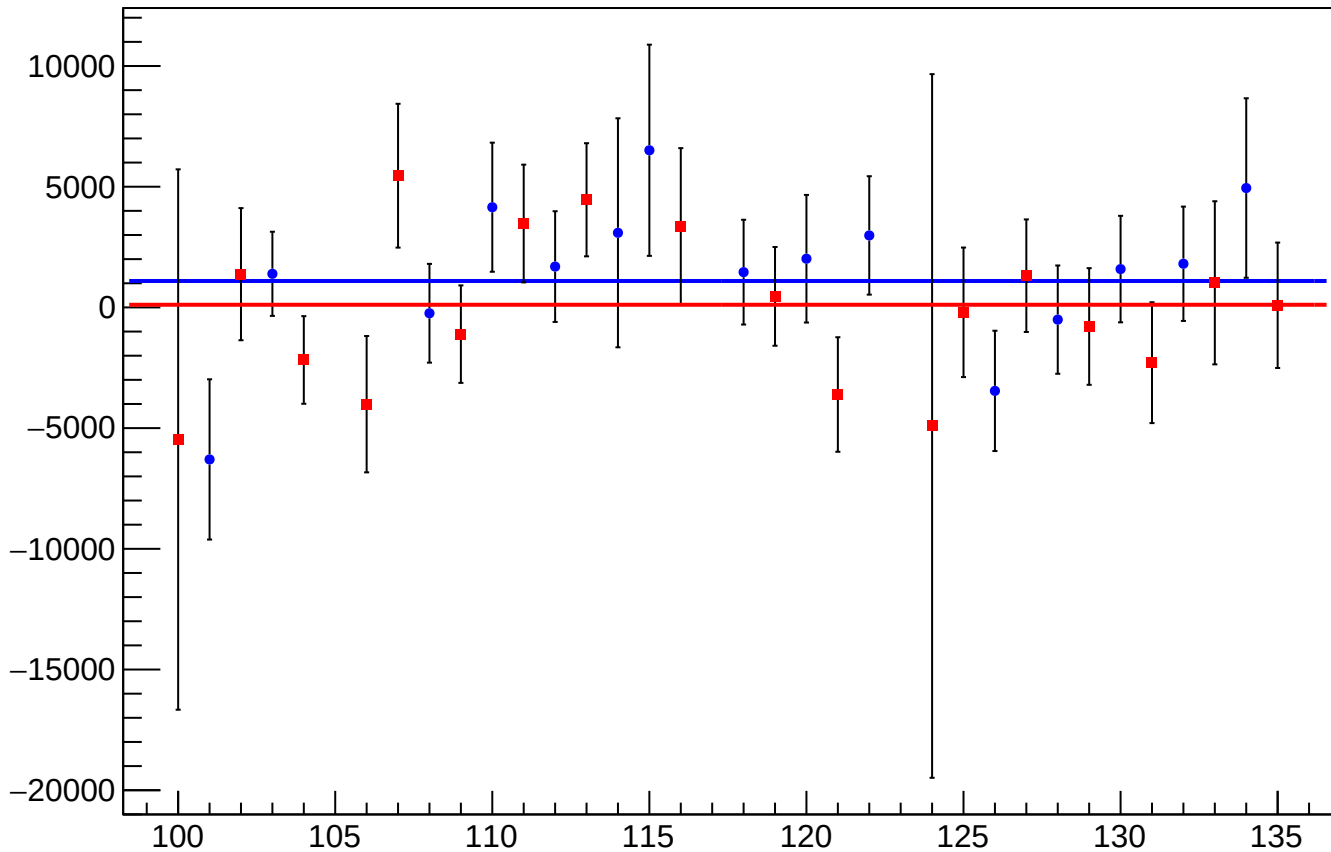
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4233417.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_mean vs Slug



Right In: 1094.711+/-642.411 χ^2 /NDF: 14.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 109.893+/-610.309 χ^2 /NDF: 18.1/17

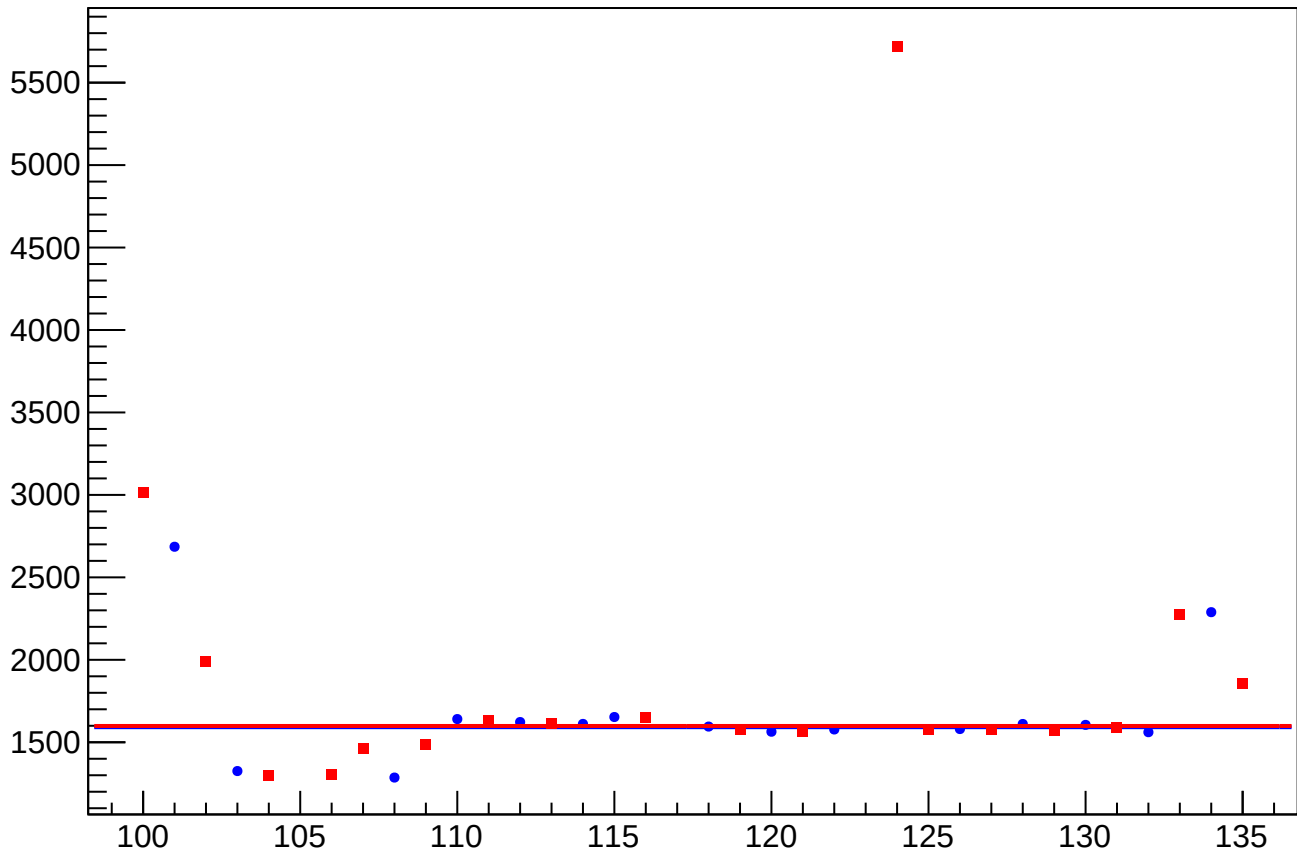
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 577.081+/-442.467 χ^2 /NDF: 33.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_rms vs Slug



Right In: 1591.551+/-0.454 χ^2/NDF : 381159.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

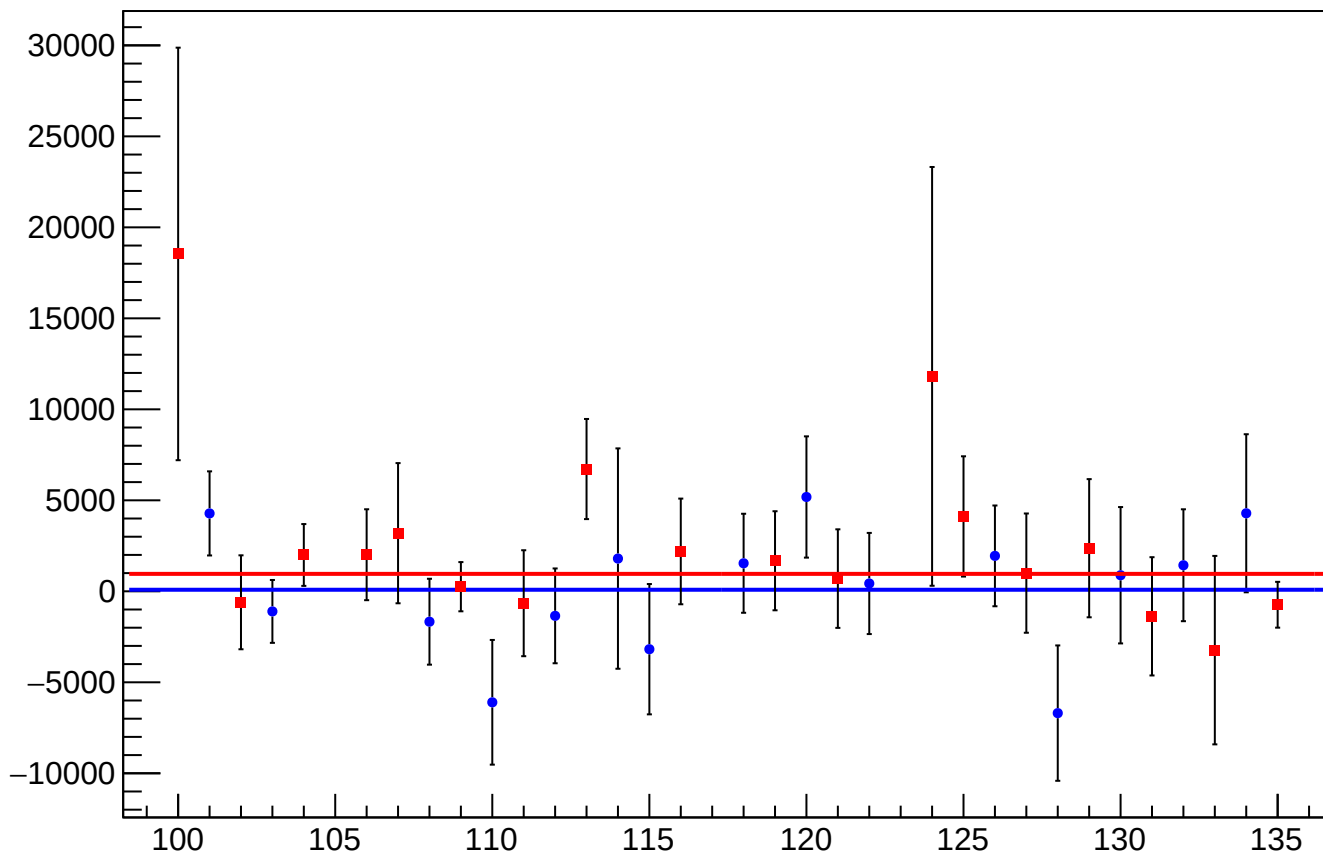
Right Out: 1598.795+/-0.432 χ^2/NDF : 420622.4/17

All: 1595.359+/-0.313 χ^2/NDF : 801915.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_mean vs Slug



Right In: 85.478+/-739.803 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 958.062+/-582.824 χ^2/NDF : 13.8/17

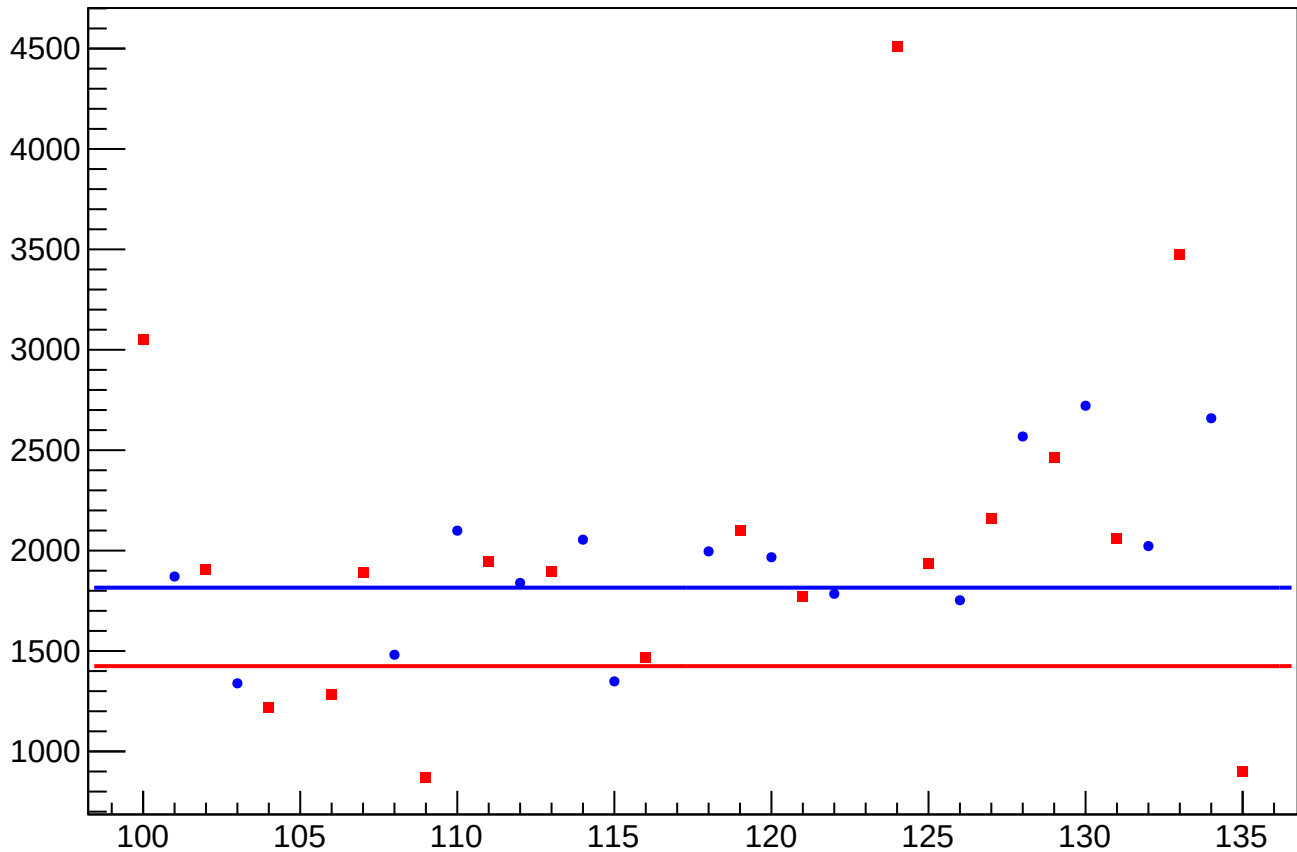
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 623.896+/-457.819 χ^2/NDF : 31.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_reg_correction_rms vs Slug



Right In: 1815.459+/-0.523 χ^2/NDF : 542026.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

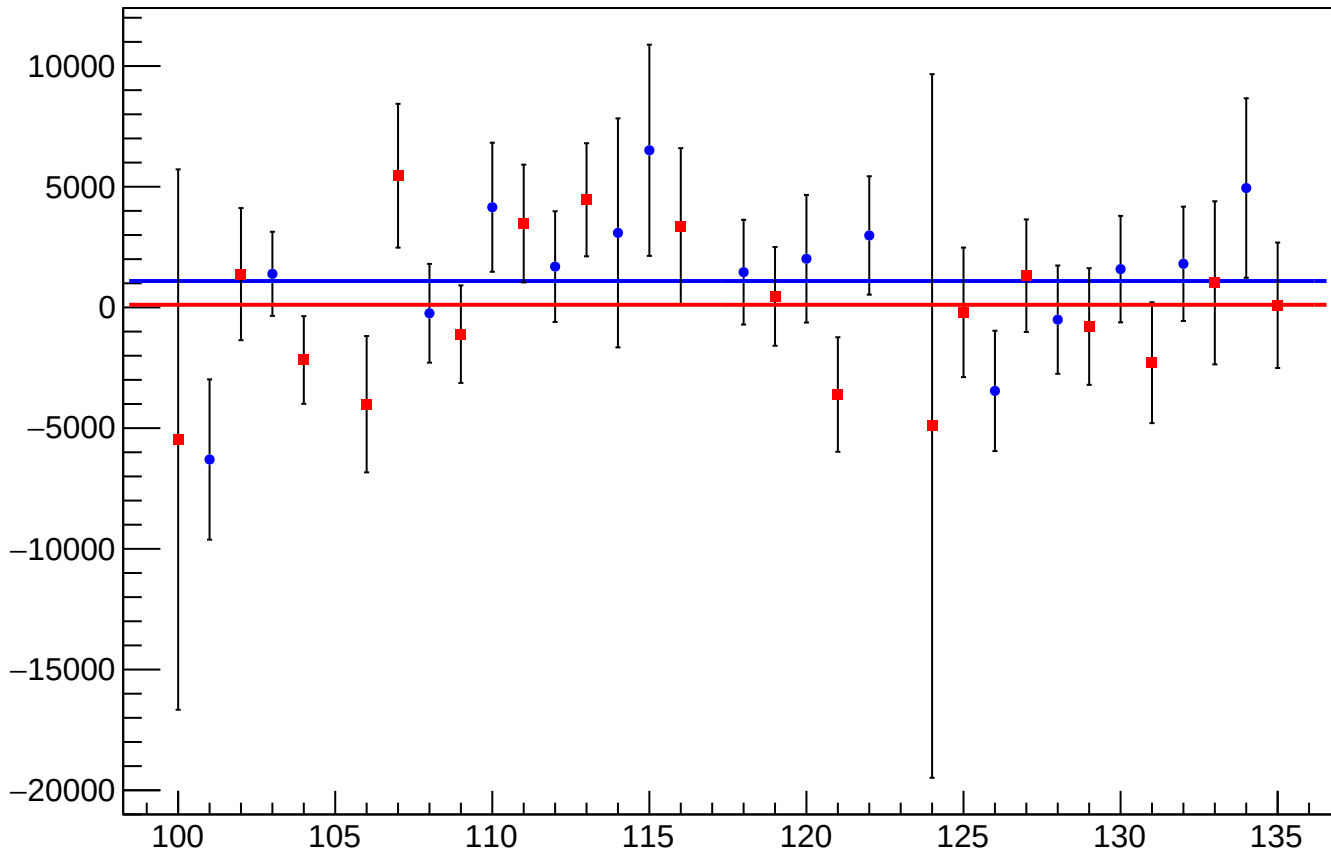
Right Out: 1424.693+/-0.412 χ^2/NDF : 1971376.4/17

All: 1574.341+/-0.324 χ^2/NDF : 2857709.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at2_dd_mean vs Slug



Right In: 1094.566 $\pm$ 642.411 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.209 $\pm$ 610.309 χ^2 /NDF: 18.1/17

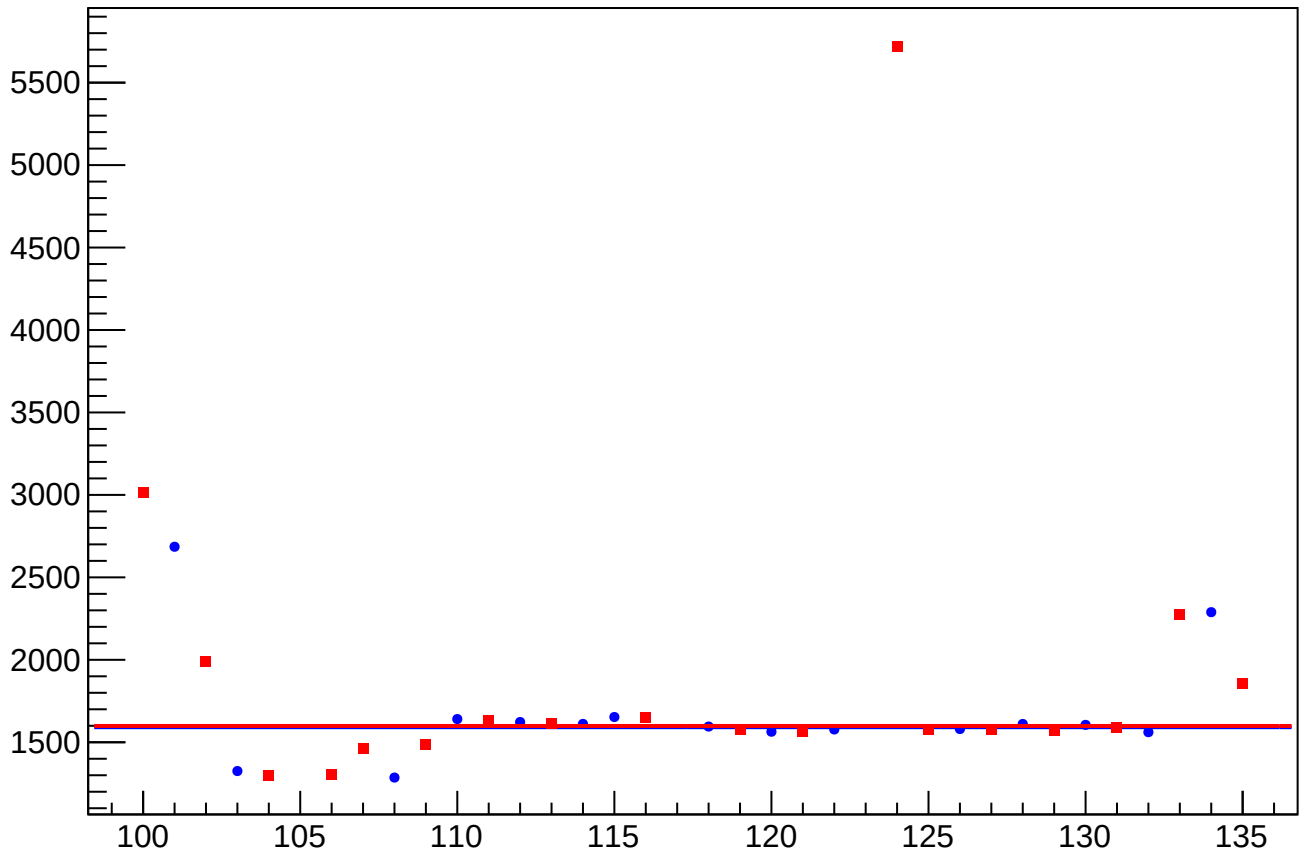
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 577.179 $\pm$ 442.467 χ^2 /NDF: 33.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at2_dd_rms vs Slug



Right In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1598.795+/-0.432 χ^2/NDF : 420622.3/17

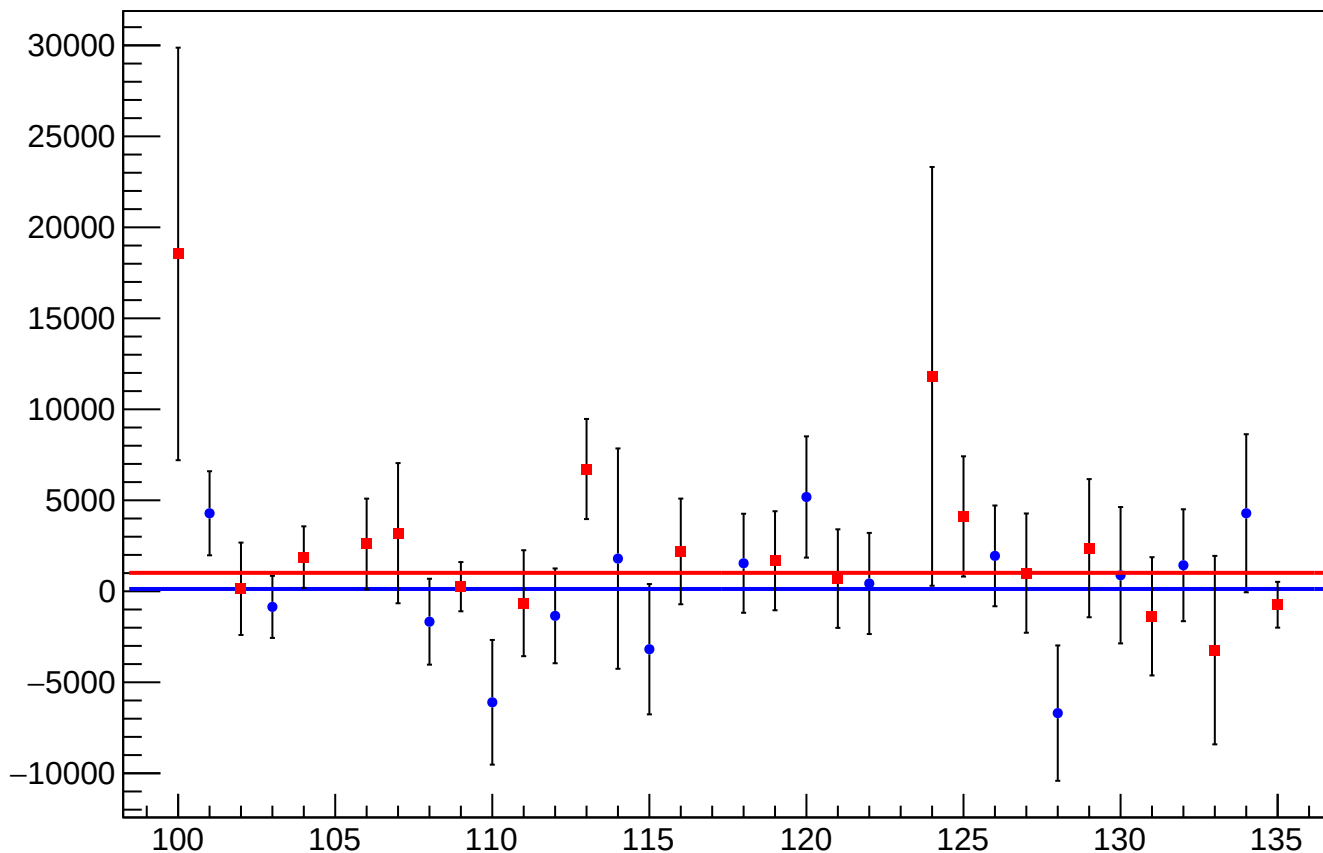
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1595.358+/-0.313 χ^2/NDF : 801915.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_mean vs Slug



Right In: 127.678+/-738.086 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1014.117+/-581.941 χ^2/NDF : 13.7/17

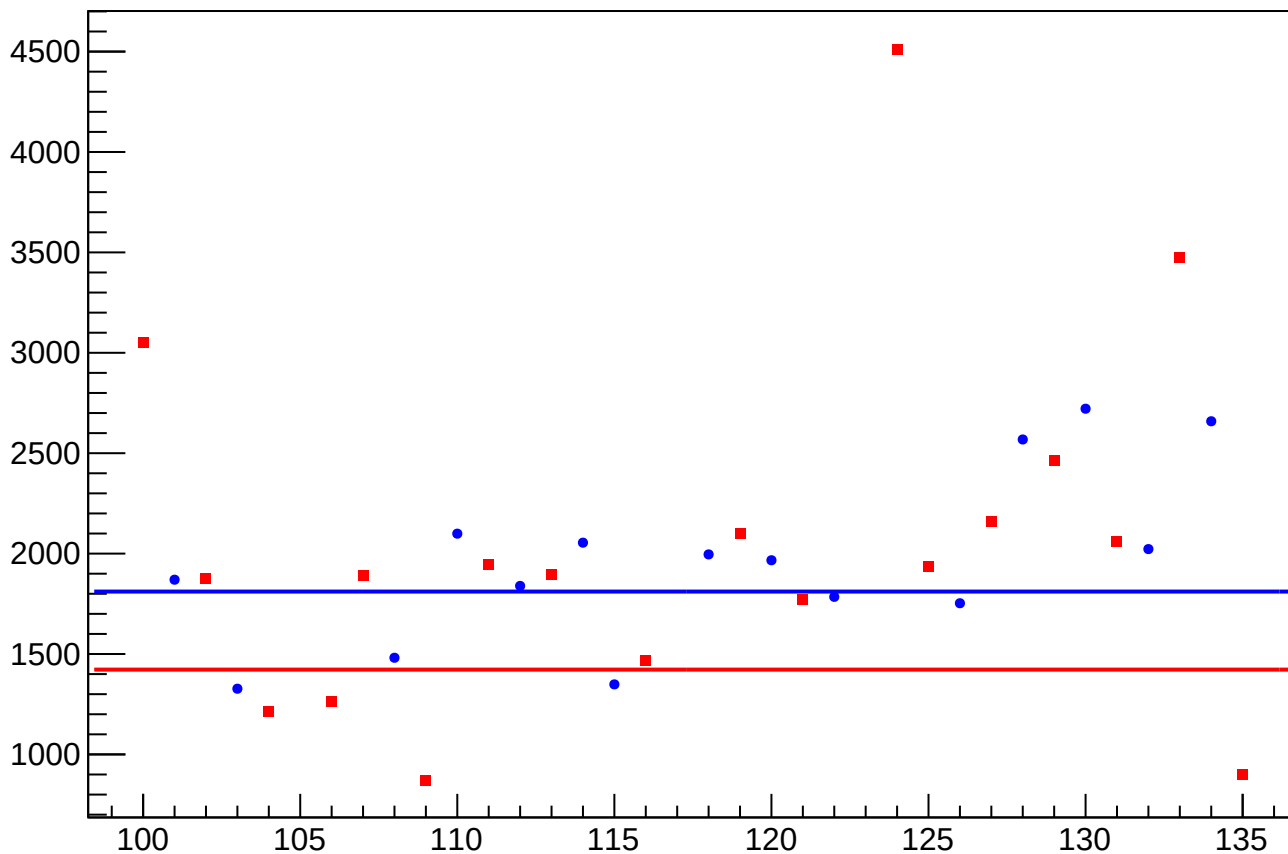
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 674.307+/-456.984 χ^2/NDF : 30.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_cor_correction_rms vs Slug



Right In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

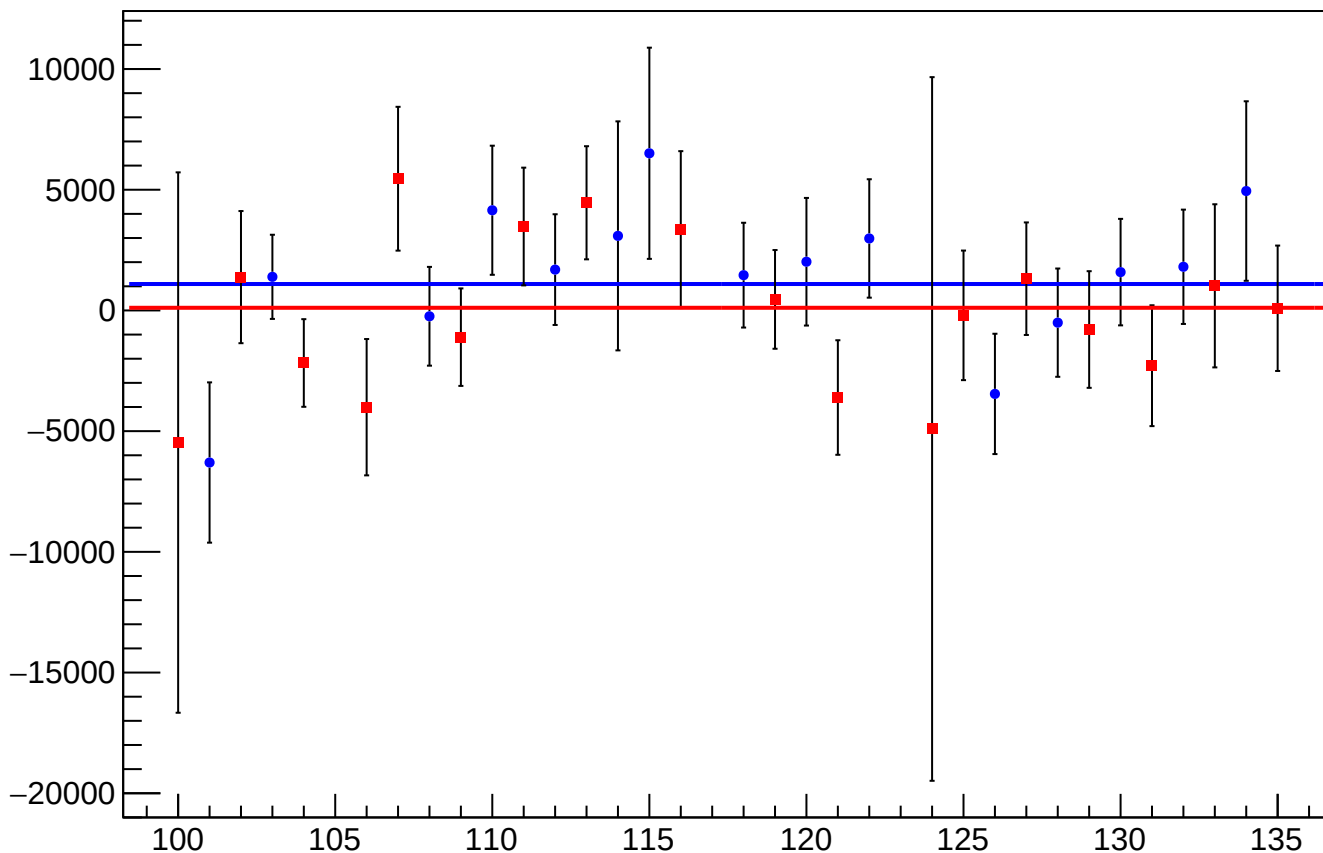
Right Out: 1422.323+/-0.411 χ^2/NDF : 1968333.3/17

All: 1571.320+/-0.323 χ^2/NDF : 2863846.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at2_dd_mean vs Slug



Right In: 1094.566 $\pm$ 642.411 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 110.209 $\pm$ 610.309 χ^2 /NDF: 18.1/17

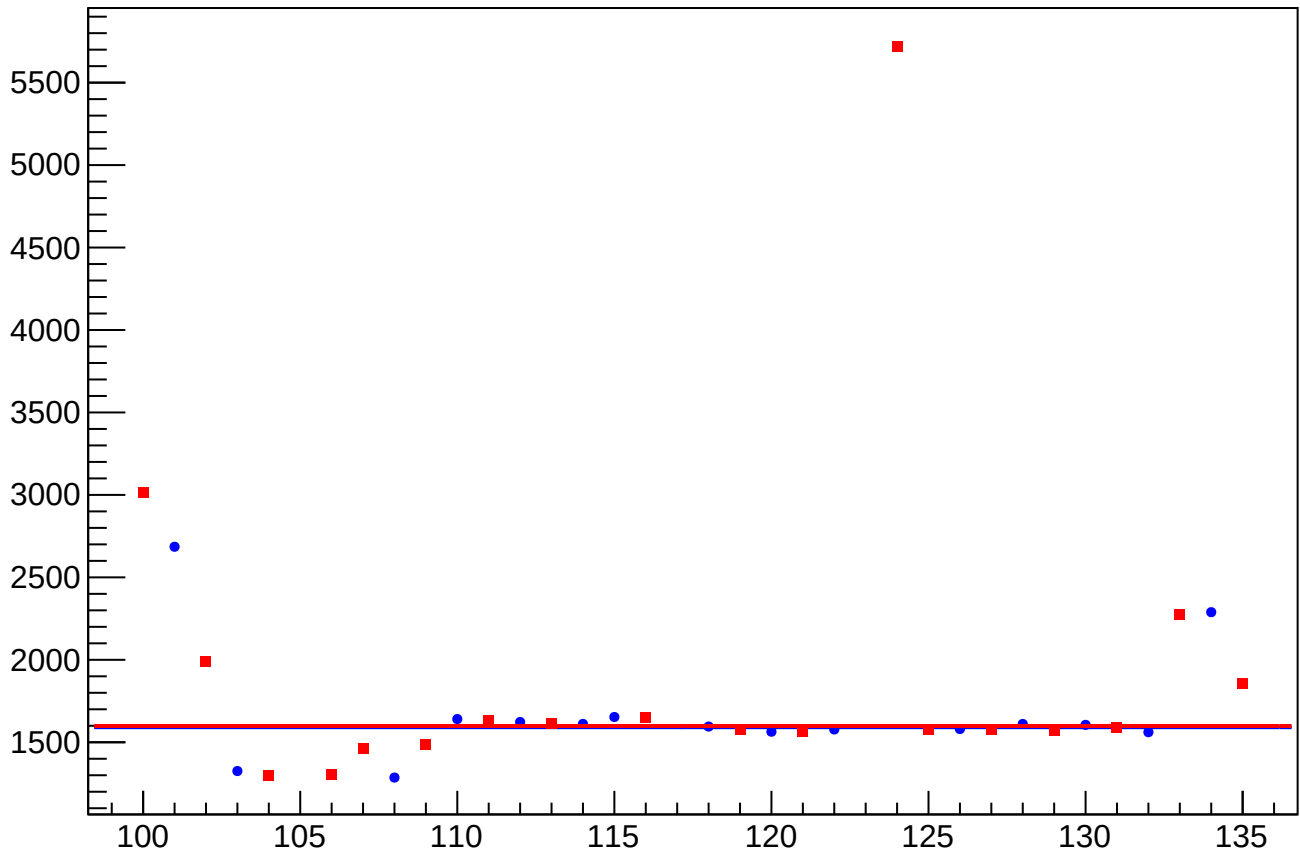
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 577.179 $\pm$ 442.467 χ^2 /NDF: 33.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at2_dd_rms vs Slug



Right In: 1591.550+/-0.454 χ^2/NDF : 381159.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

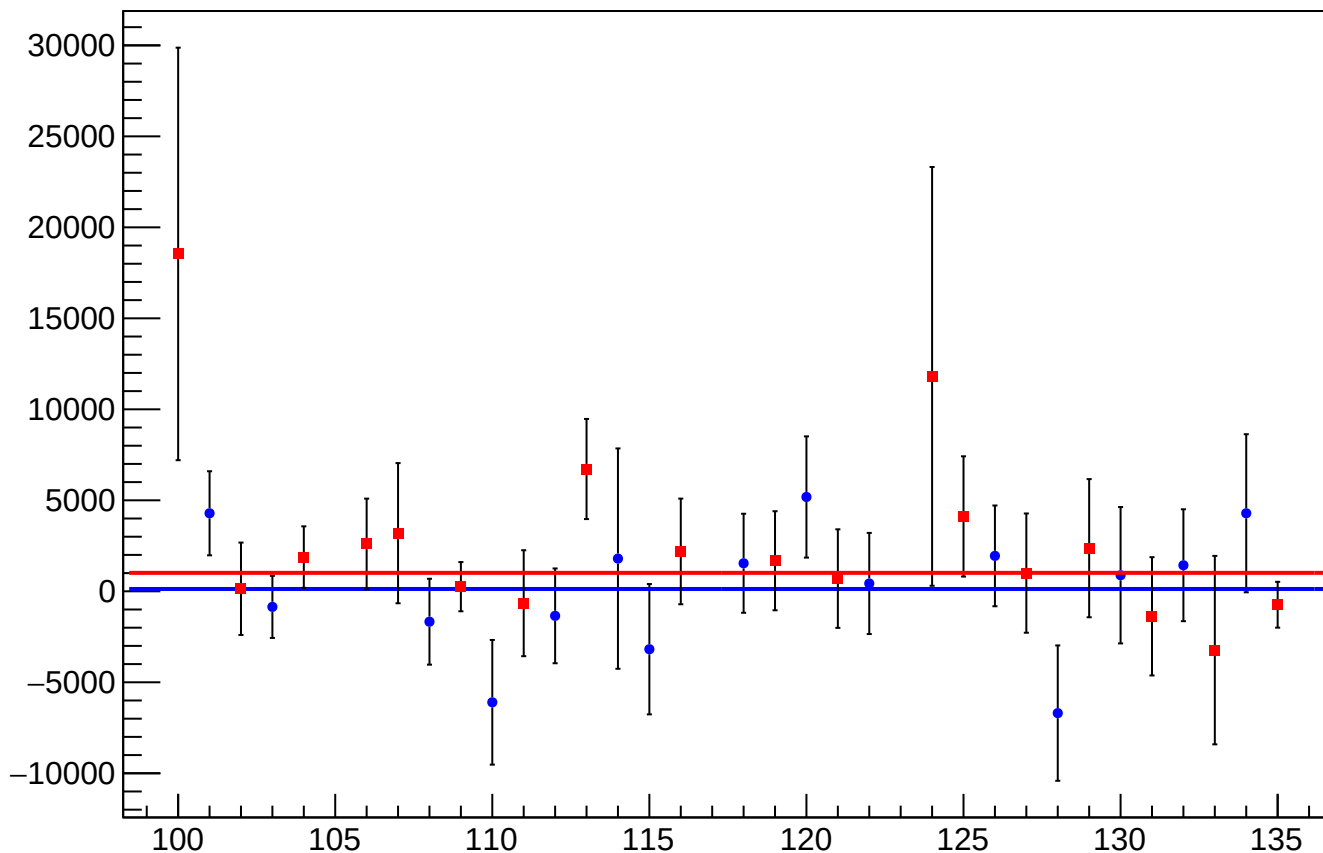
Right Out: 1598.795+/-0.432 χ^2/NDF : 420622.3/17

All: 1595.358+/-0.313 χ^2/NDF : 801915.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_cor_correction_mean vs Slug



Right In: 127.678 $\pm$ 738.086 χ^2 /NDF: 16.2/14

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

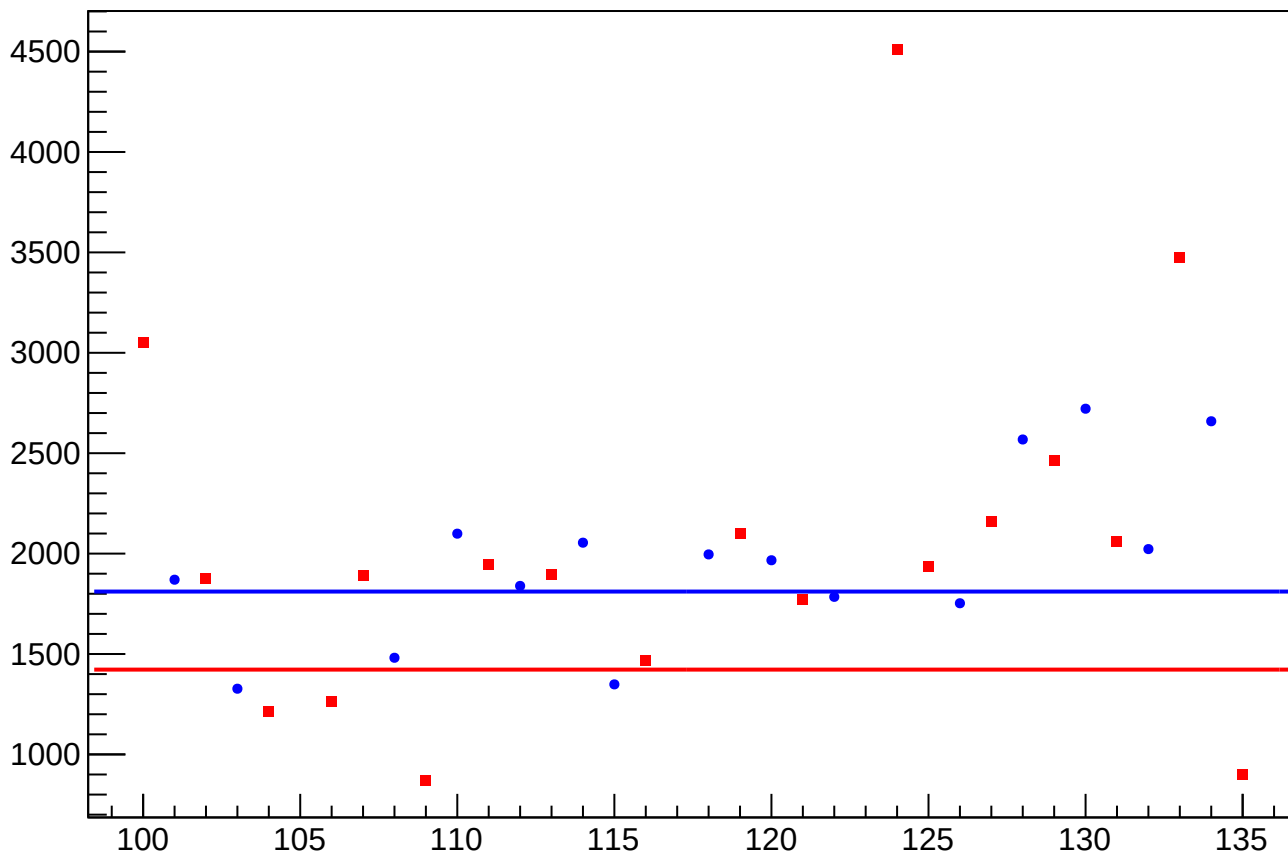
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 674.307 $\pm$ 456.984 χ^2 /NDF: 30.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_correction_rms vs Slug



Right In: 1811.001+/-0.522 χ^2/NDF : 553503.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.323+/-0.411 χ^2/NDF : 1968333.3/17

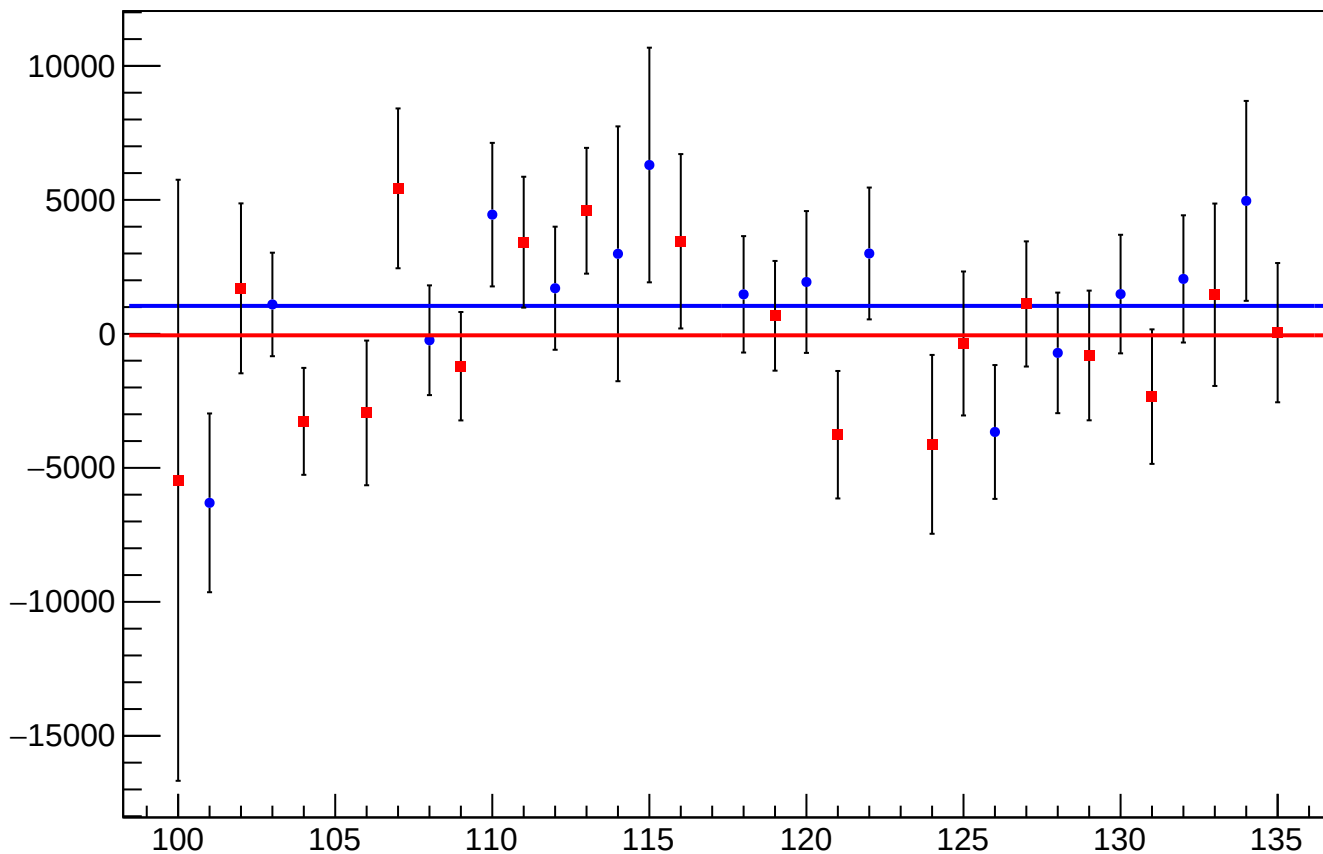
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.320+/-0.323 χ^2/NDF : 2863846.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_mean vs Slug



Right In: 1044.327+/-651.851 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.687+/-609.999 χ^2/NDF : 20.5/17

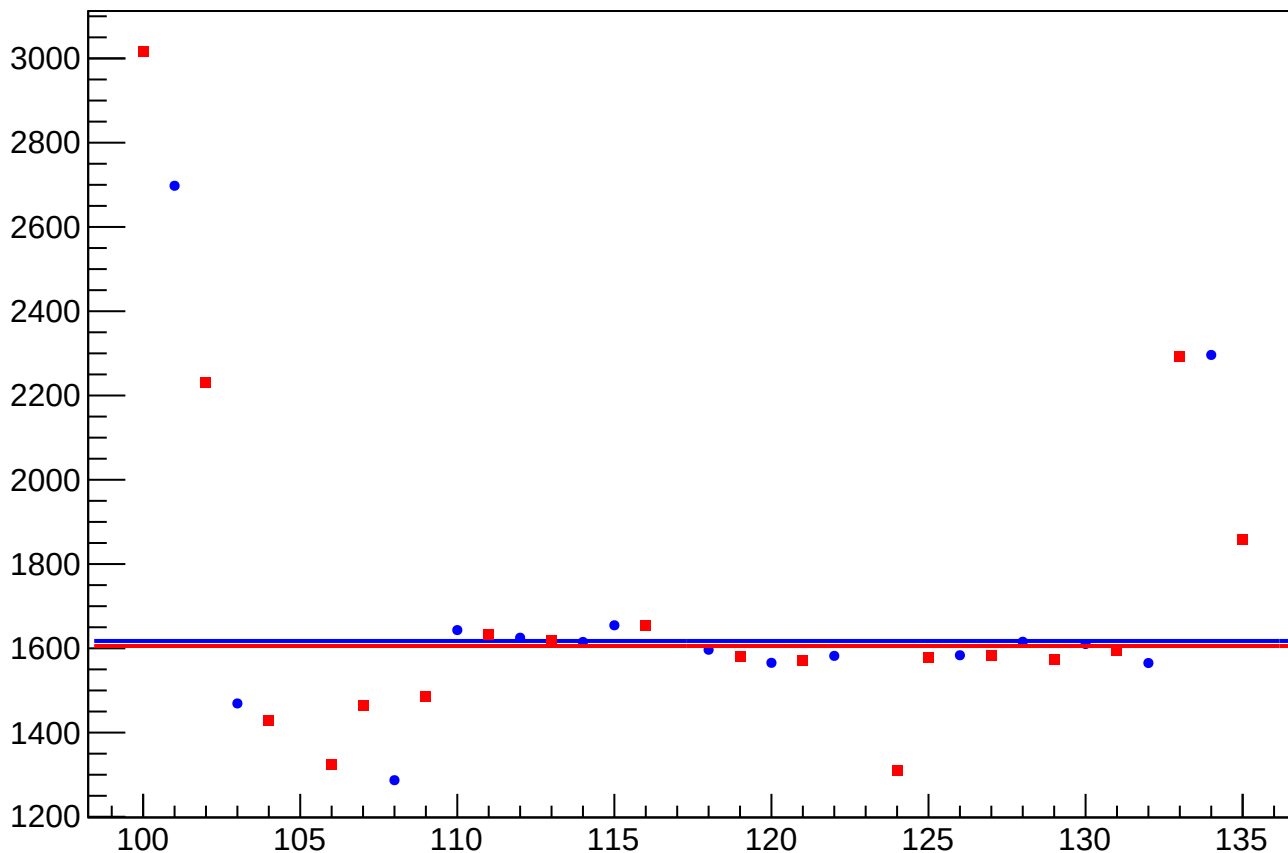
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.943+/-445.396 χ^2/NDF : 36.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at2_dd_rms vs Slug



Right In: 1617.465+/-0.461 χ^2/NDF : 343006.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1605.509+/-0.431 χ^2/NDF : 275919.9/17

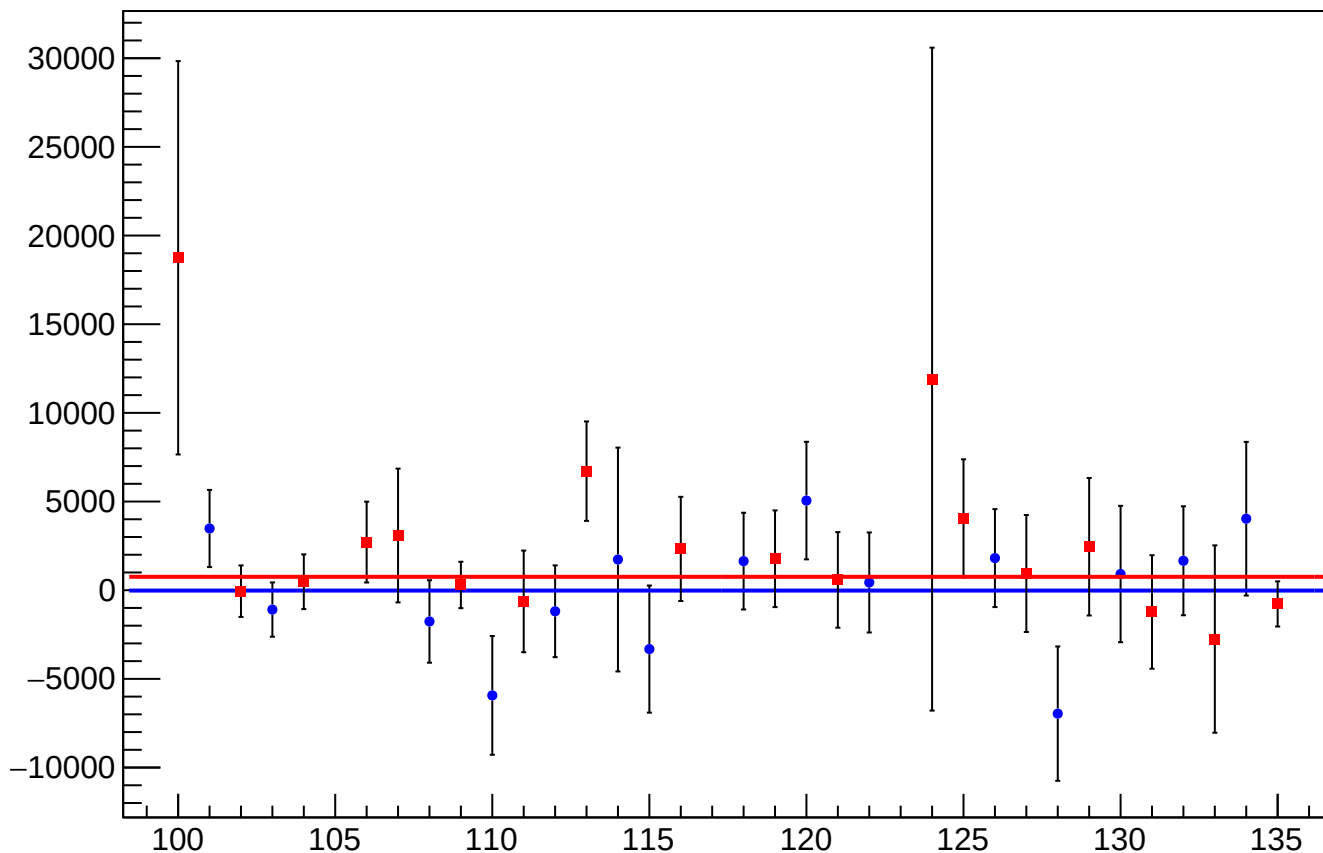
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1611.091+/-0.315 χ^2/NDF : 619284.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_mean vs Slug



Right In: -20.173+/-717.299 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 755.541+/-543.307 χ^2/NDF : 13.2/17

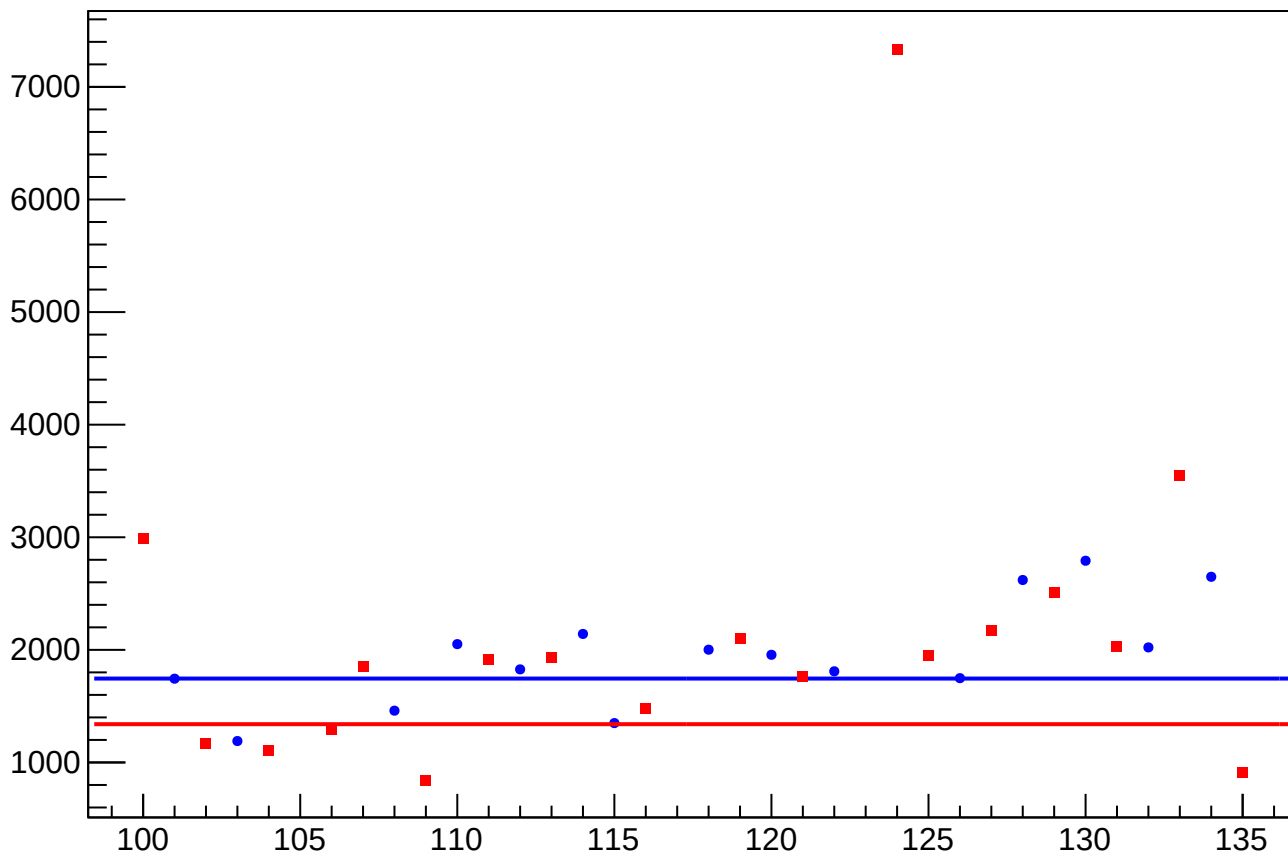
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 472.749+/-433.095 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_correction_rms vs Slug



Right In: 1745.108+/-0.507 χ^2/NDF : 729163.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

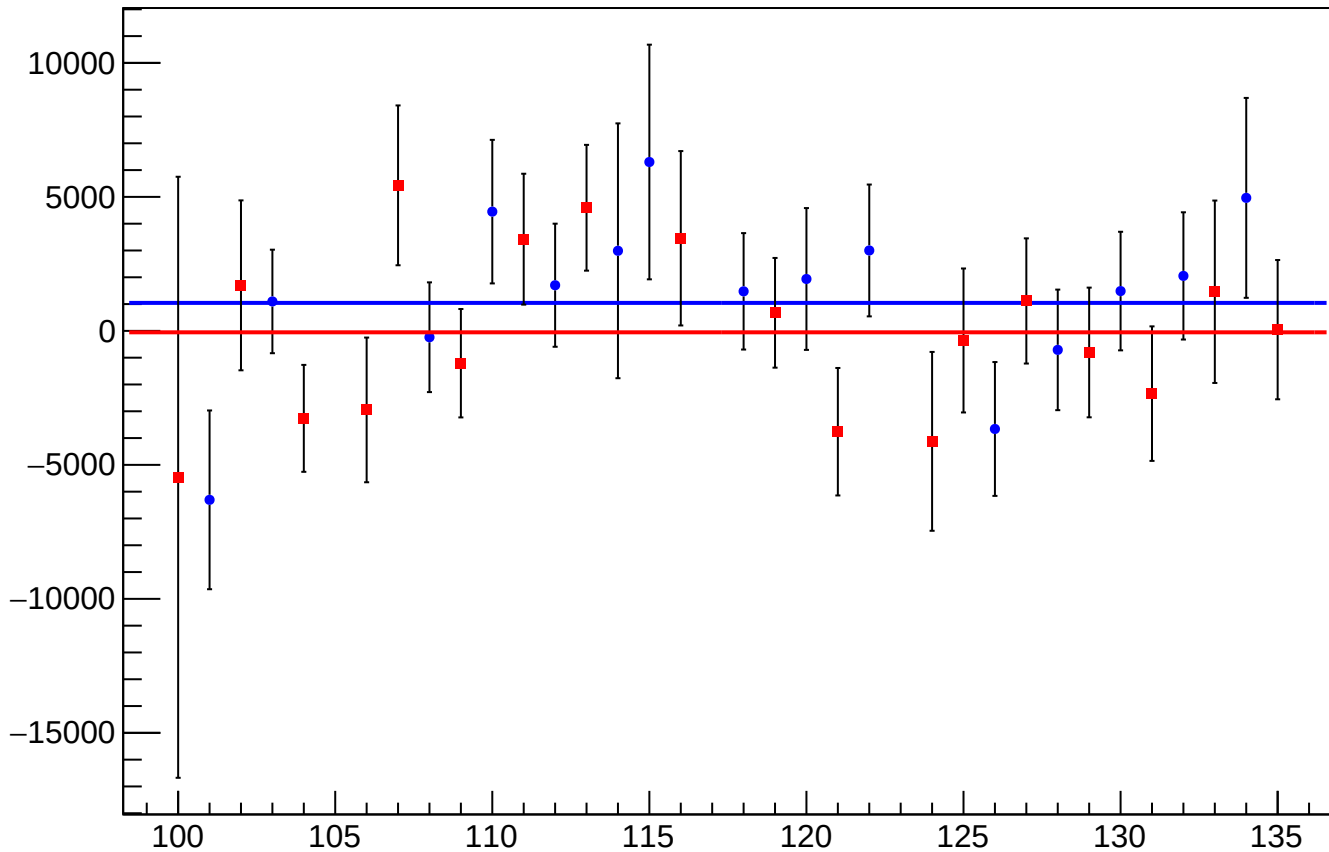
Right Out: 1339.853+/-0.384 χ^2/NDF : 2081033.0/17

All: 1487.591+/-0.306 χ^2/NDF : 3215856.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_mean vs Slug



Right In: 1044.321+/-651.850 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -53.693+/-609.999 χ^2/NDF : 20.5/17

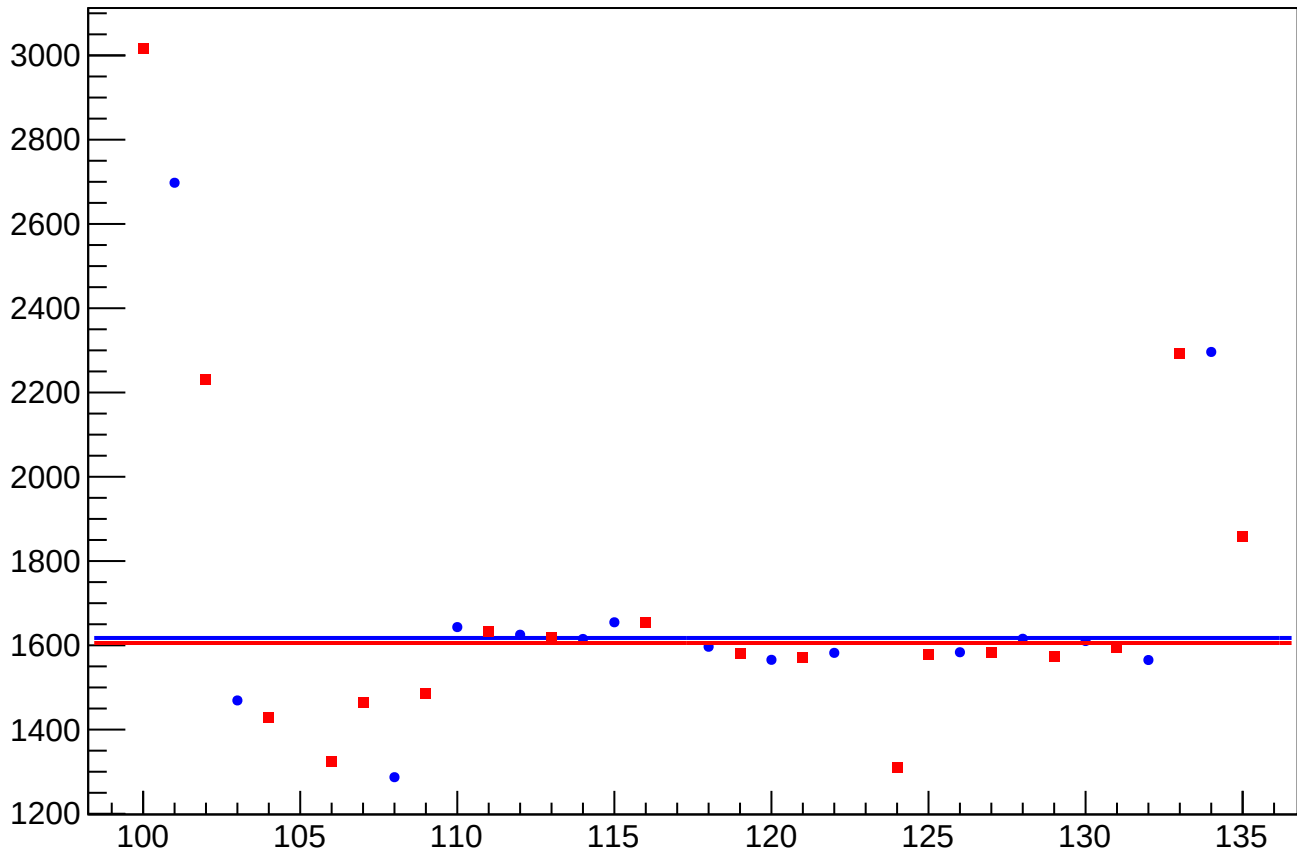
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.937+/-445.396 χ^2/NDF : 36.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at2_dd_rms vs Slug



Right In: 1617.465+/-0.461 χ^2/NDF : 343006.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

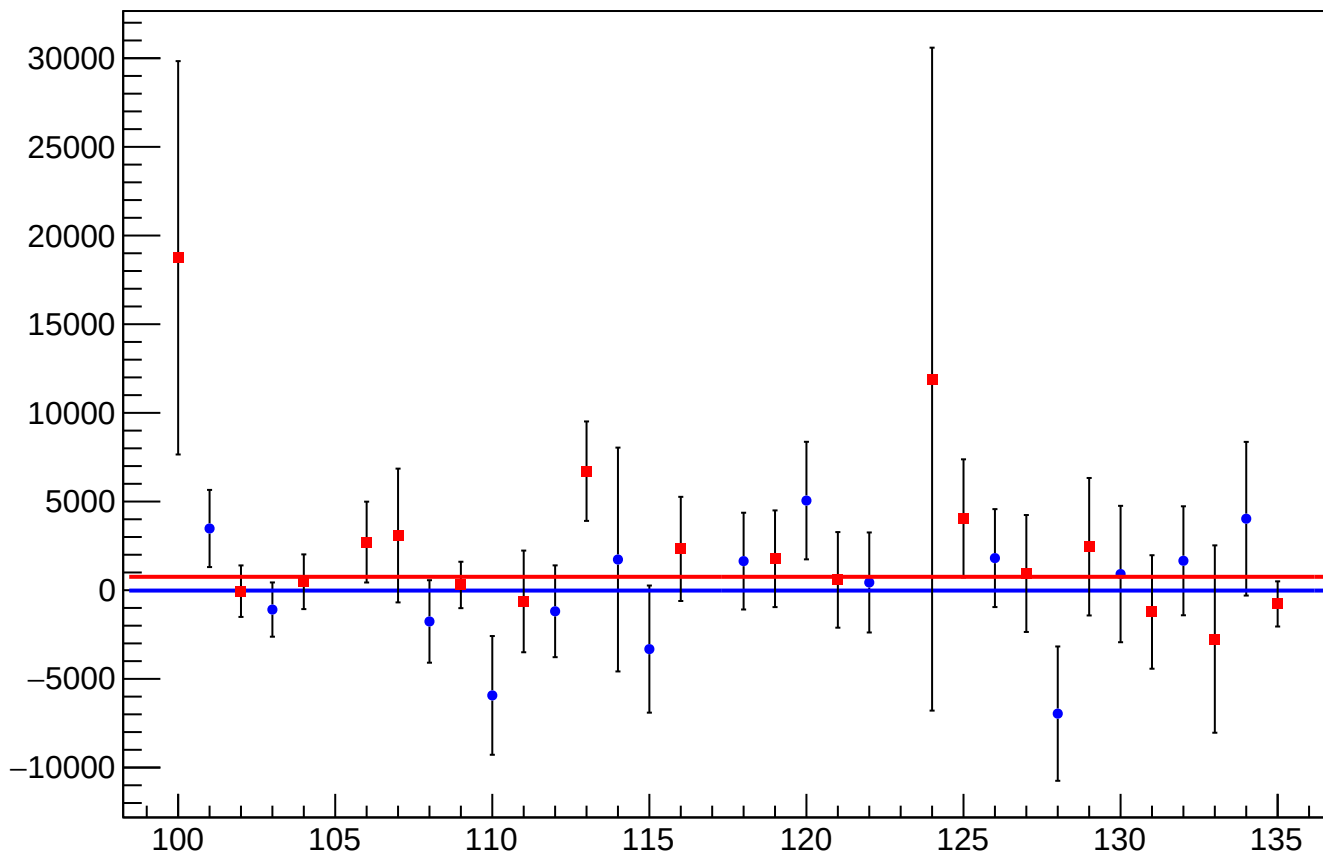
Right Out: 1605.509+/-0.431 χ^2/NDF : 275920.1/17

All: 1611.091+/-0.315 χ^2/NDF : 619284.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_mean vs Slug



Right In: -20.173 ± 717.297 χ^2/NDF : 15.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 755.549 ± 543.310 χ^2/NDF : 13.2/17

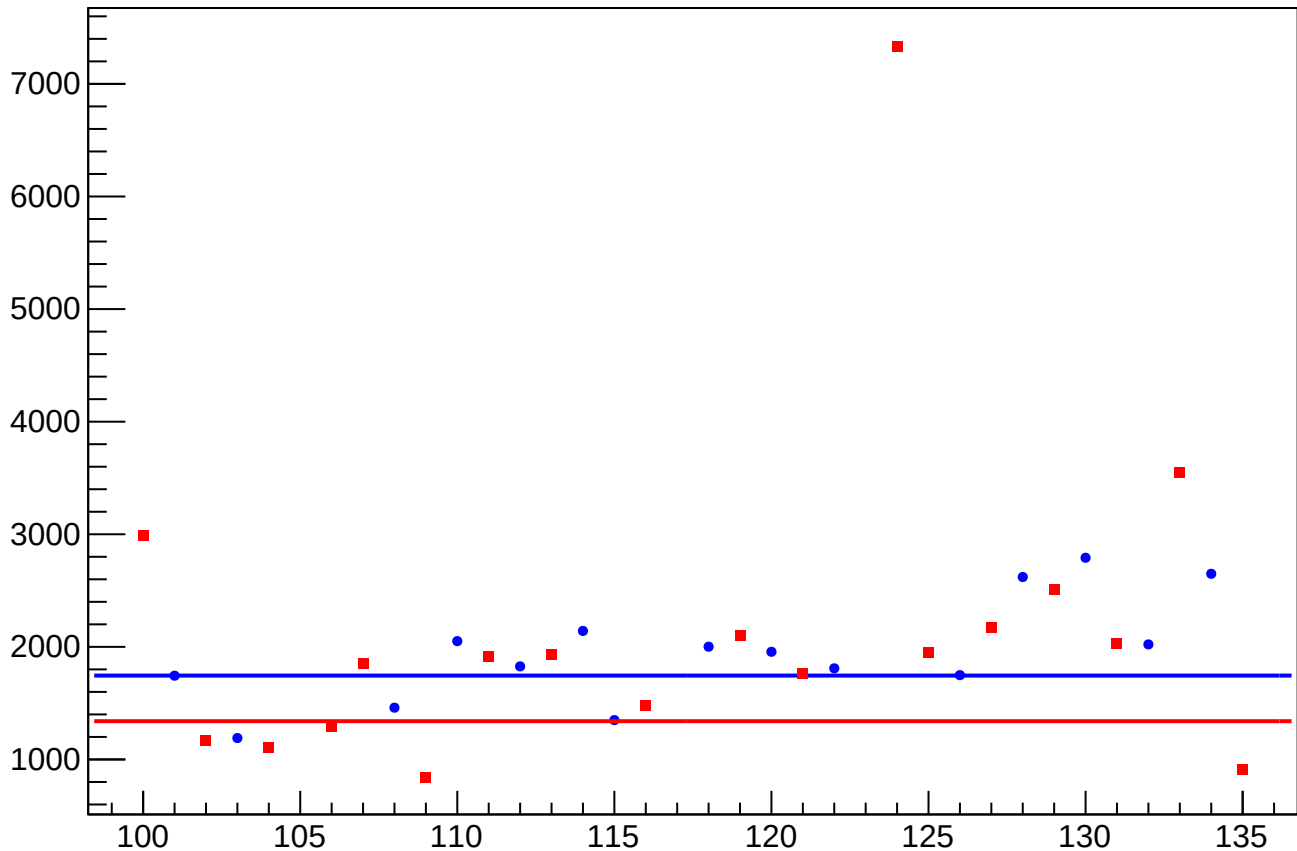
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 472.751 ± 433.096 χ^2/NDF : 29.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_correction_rms vs Slug



Right In: 1745.104+/-0.507 χ^2/NDF : 729155.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

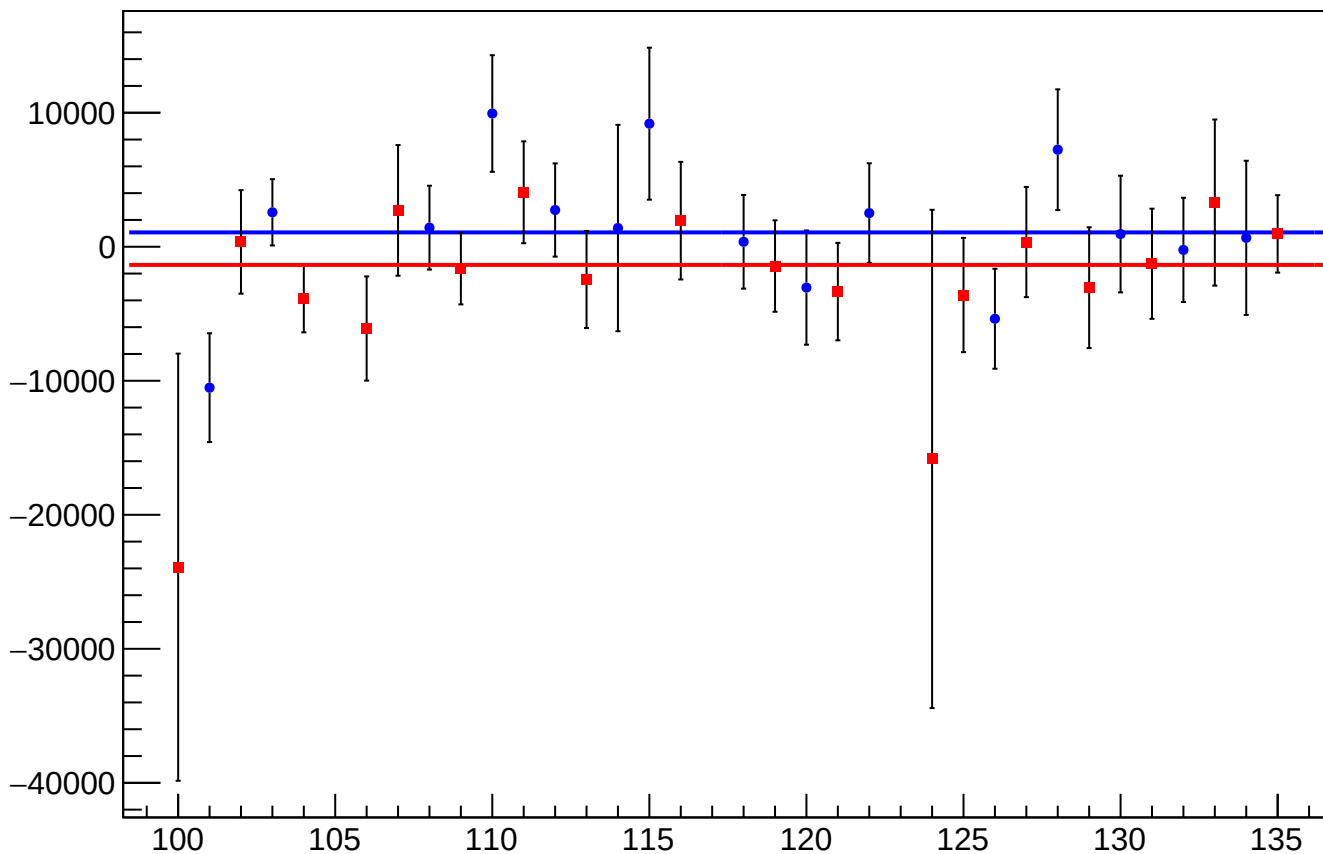
Right Out: 1339.864+/-0.384 χ^2/NDF : 2080969.8/17

All: 1487.599+/-0.306 χ^2/NDF : 3215755.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_mean vs Slug



Right In: 1070.586 $\pm$ 1005.324 χ^2 /NDF: 21.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1355.046 $\pm$ 909.016 χ^2 /NDF: 10.8/17

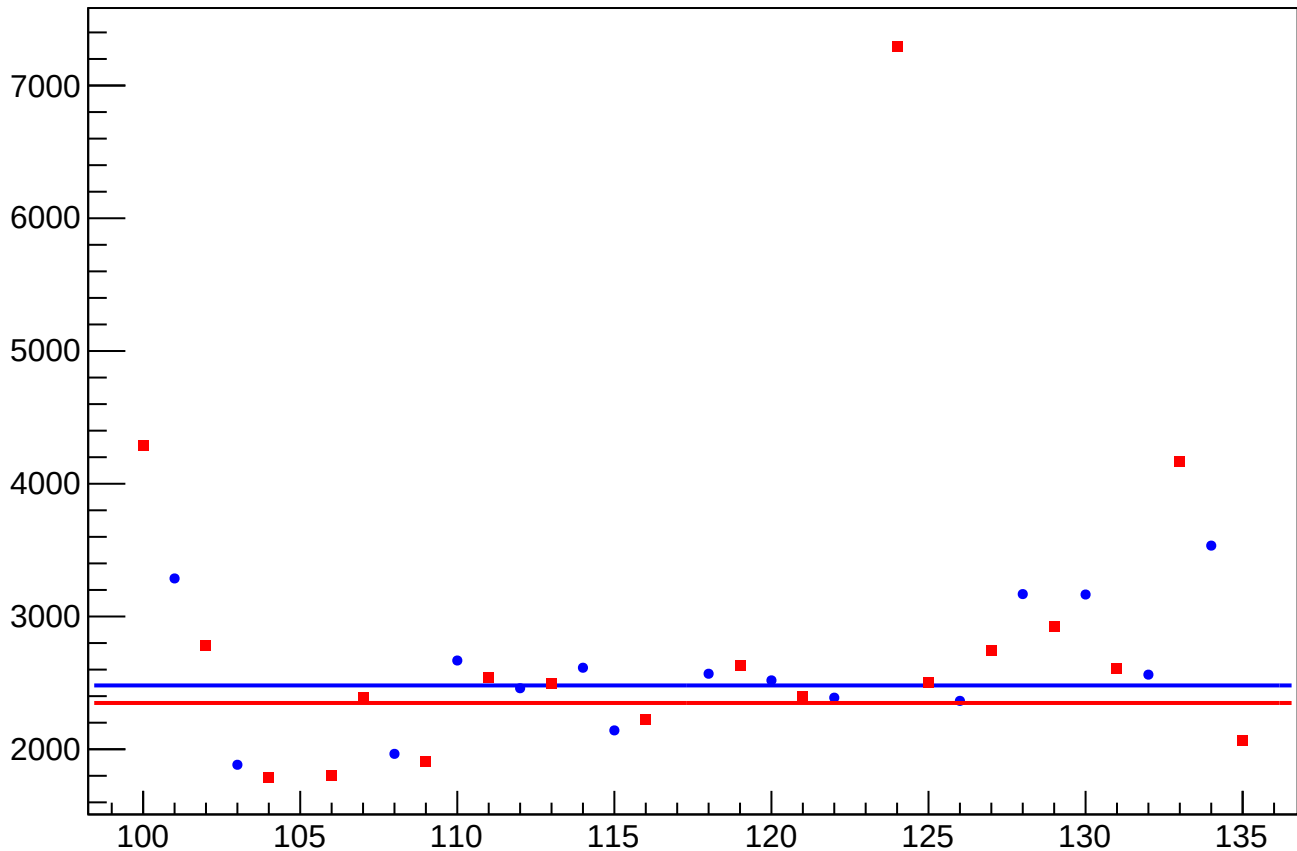
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -263.952 $\pm$ 674.256 χ^2 /NDF: 35.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_rms vs Slug



Right In: 2480.673+/-0.711 χ^2 /NDF: 430203.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

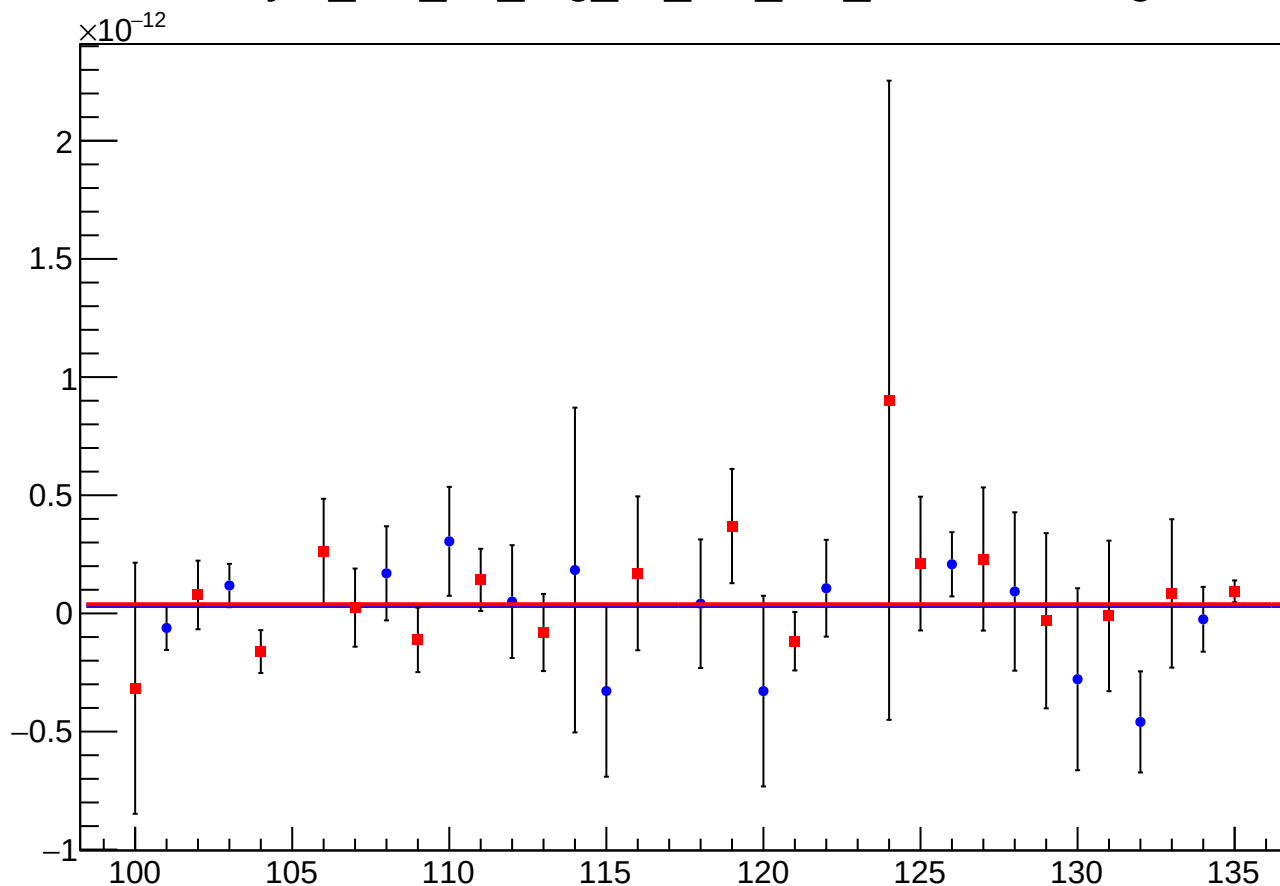
Right Out: 2348.585+/-0.643 χ^2 /NDF: 669768.2/17

All: 2408.000+/-0.477 χ^2 /NDF: 1118967.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/17

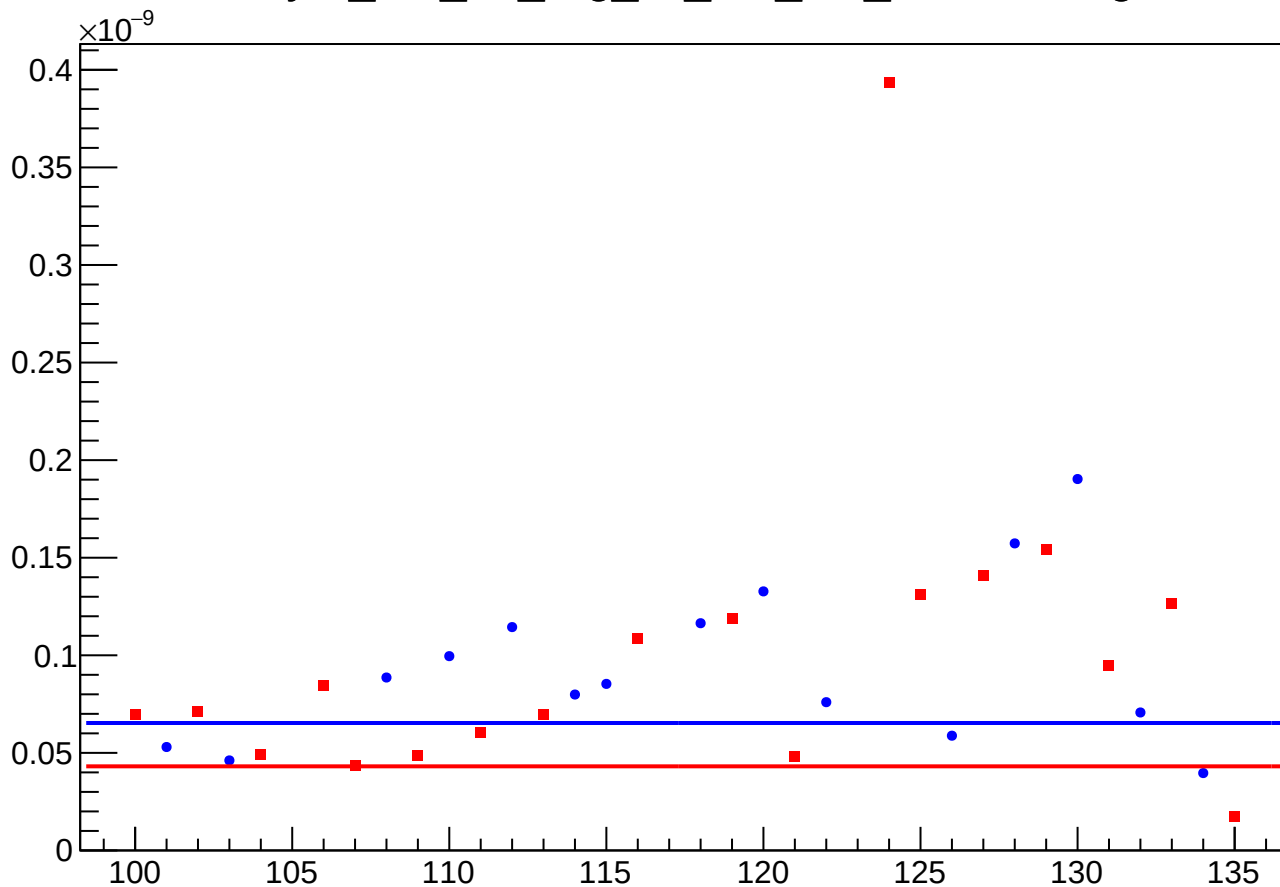
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 855200.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 2052574.6/17

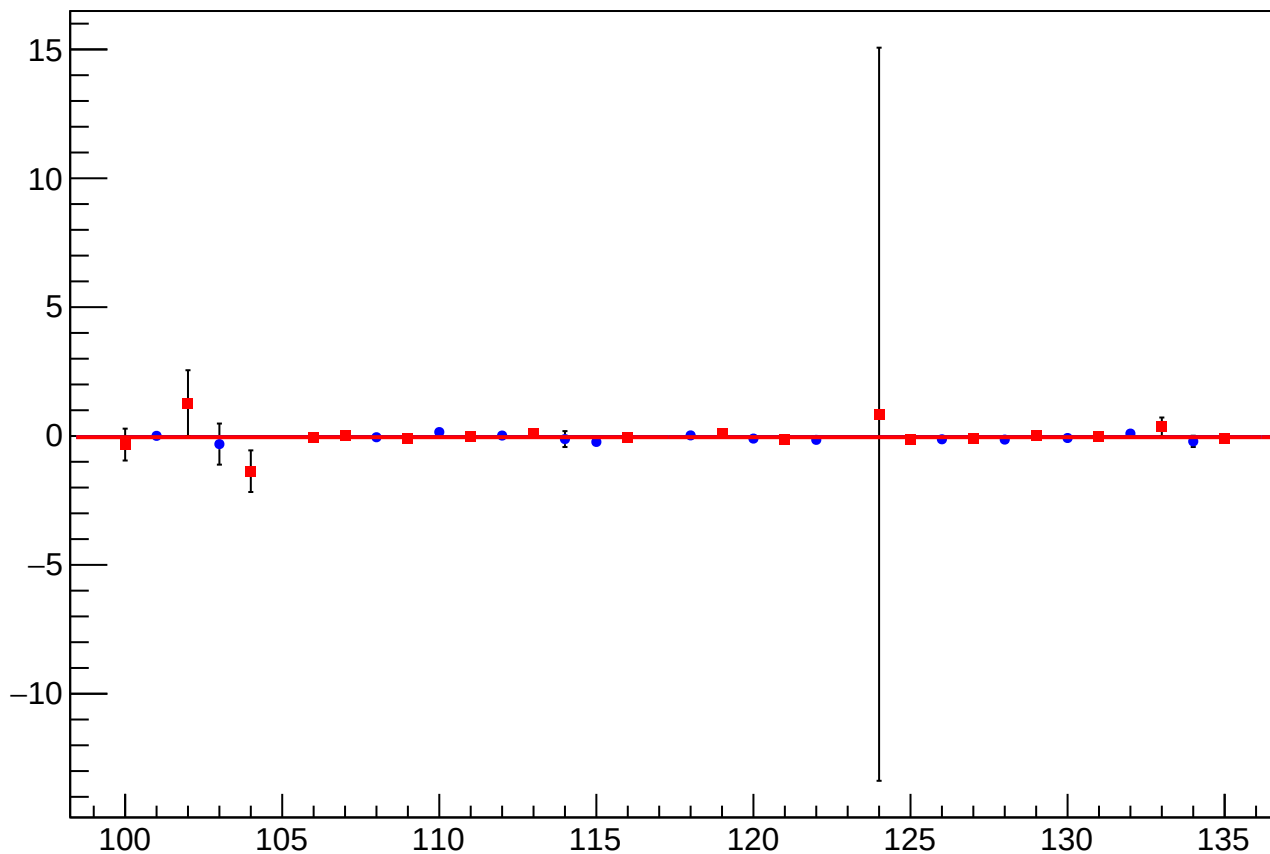
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3232737.0/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.038 ± 0.032 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.045 ± 0.025 $\chi^2/\text{NDF}: 12.6/17$

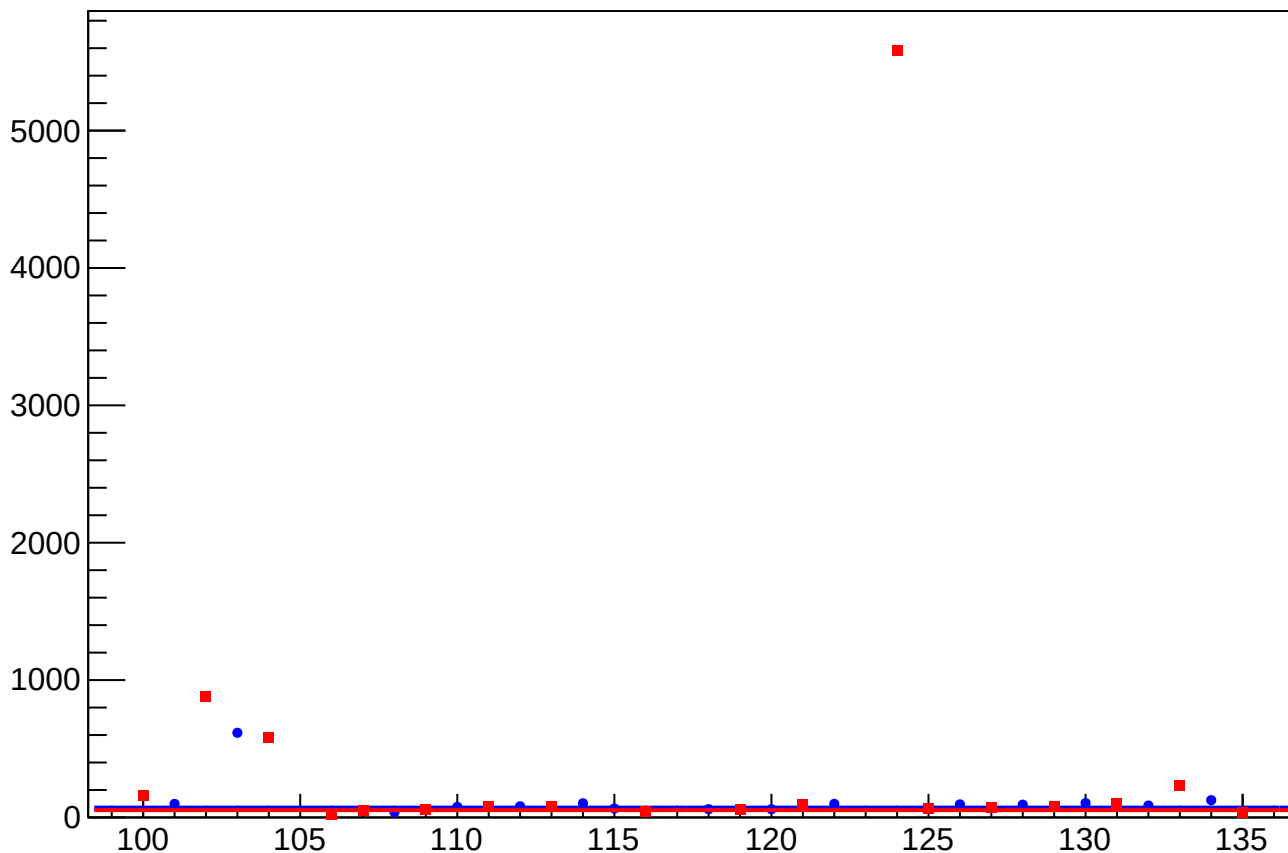
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.043 ± 0.020 $\chi^2/\text{NDF}: 20.3/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.187+/-0.018 χ^2/NDF : 3945751.0/17

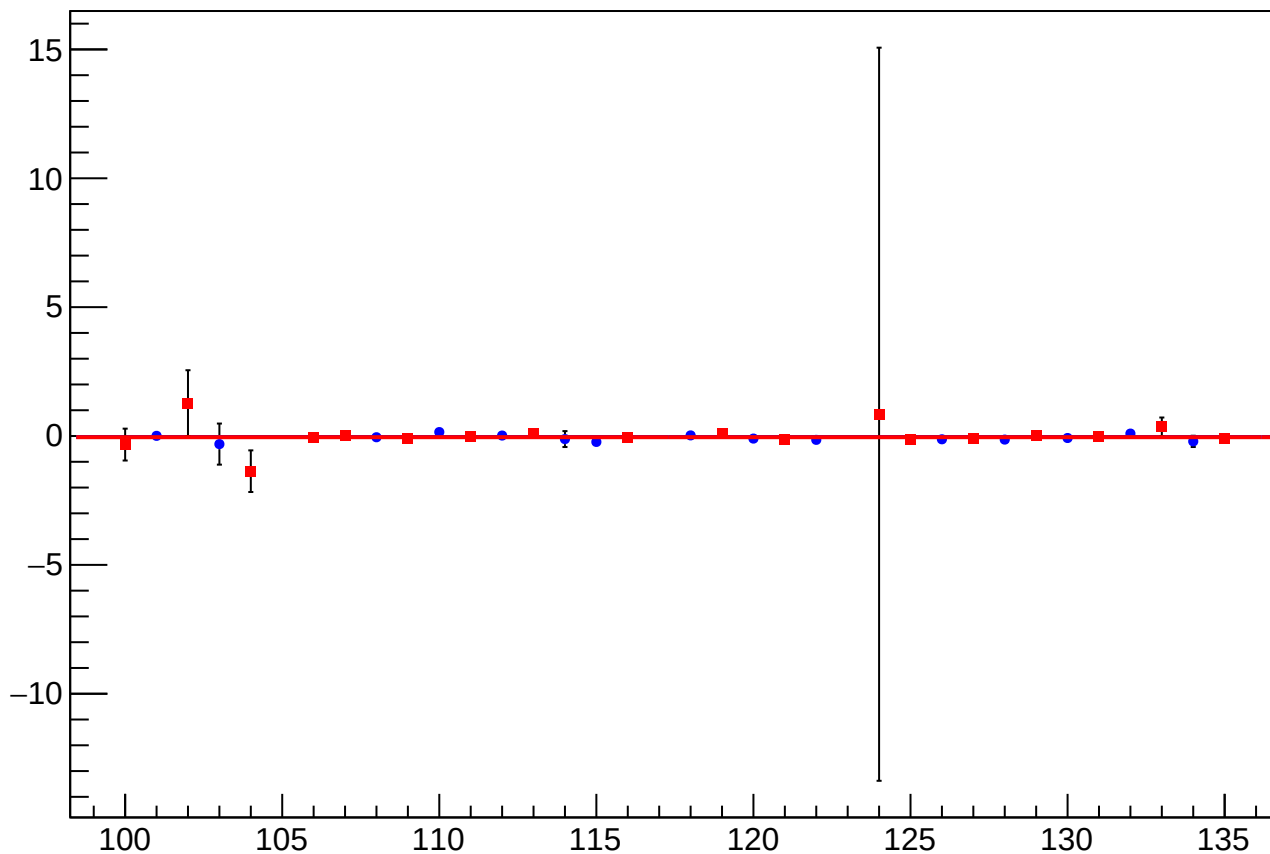
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.125+/-0.014 χ^2/NDF : 6371975.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 ± 0.032 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.045 ± 0.025 χ^2/NDF : 12.6/17

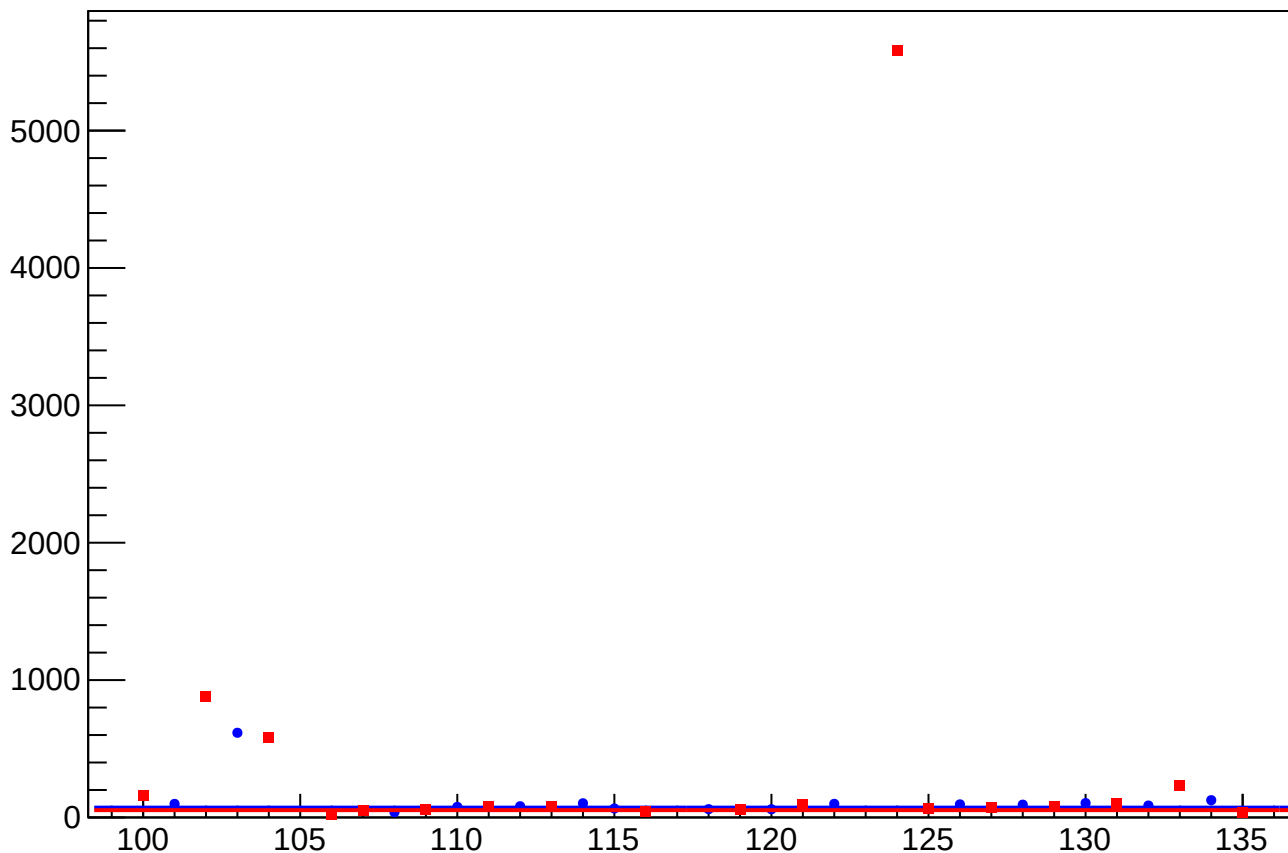
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.020 χ^2/NDF : 20.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 71.482+/-0.023 χ^2/NDF : 2031134.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.187+/-0.018 χ^2/NDF : 3945751.0/17

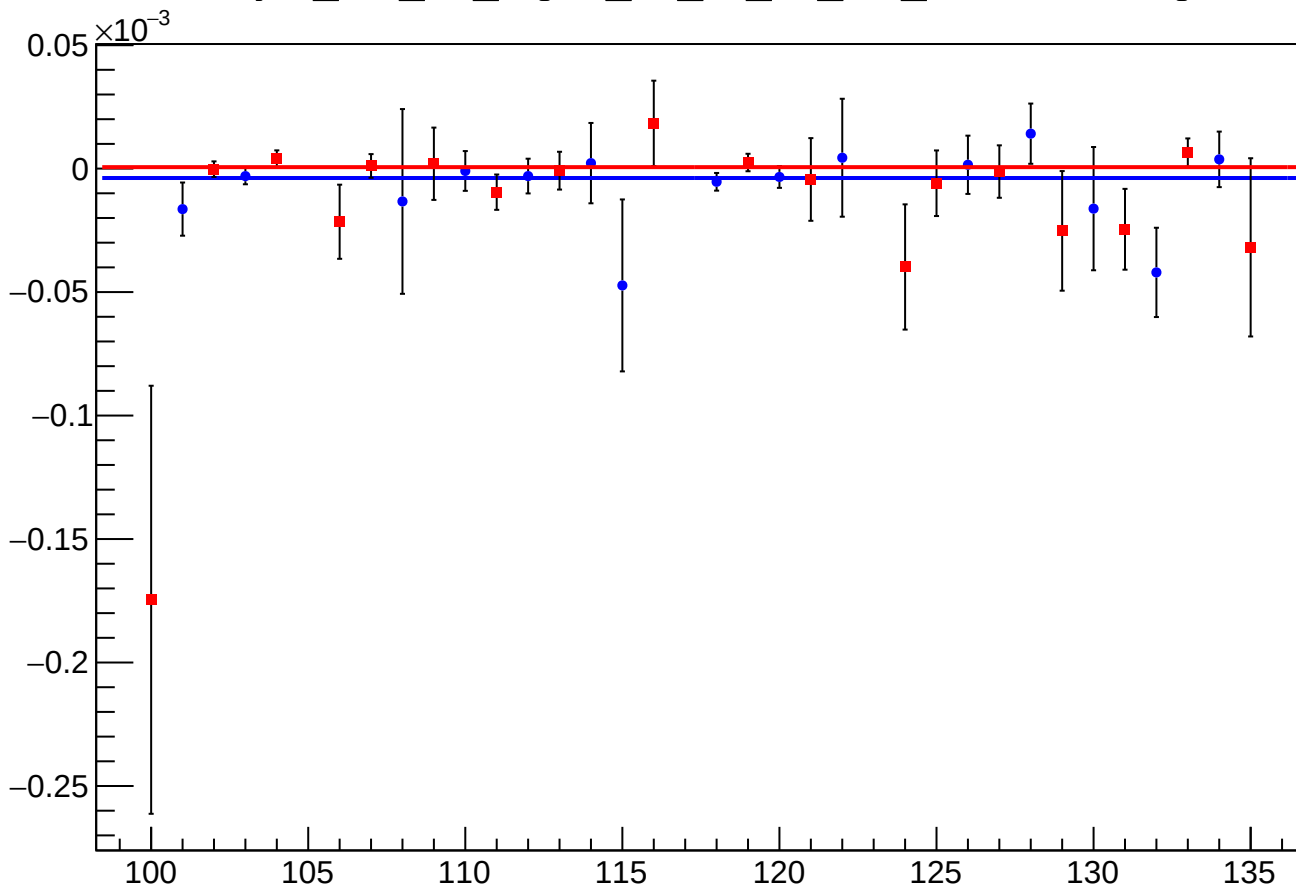
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.125+/-0.014 χ^2/NDF : 6371975.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 19.0/17

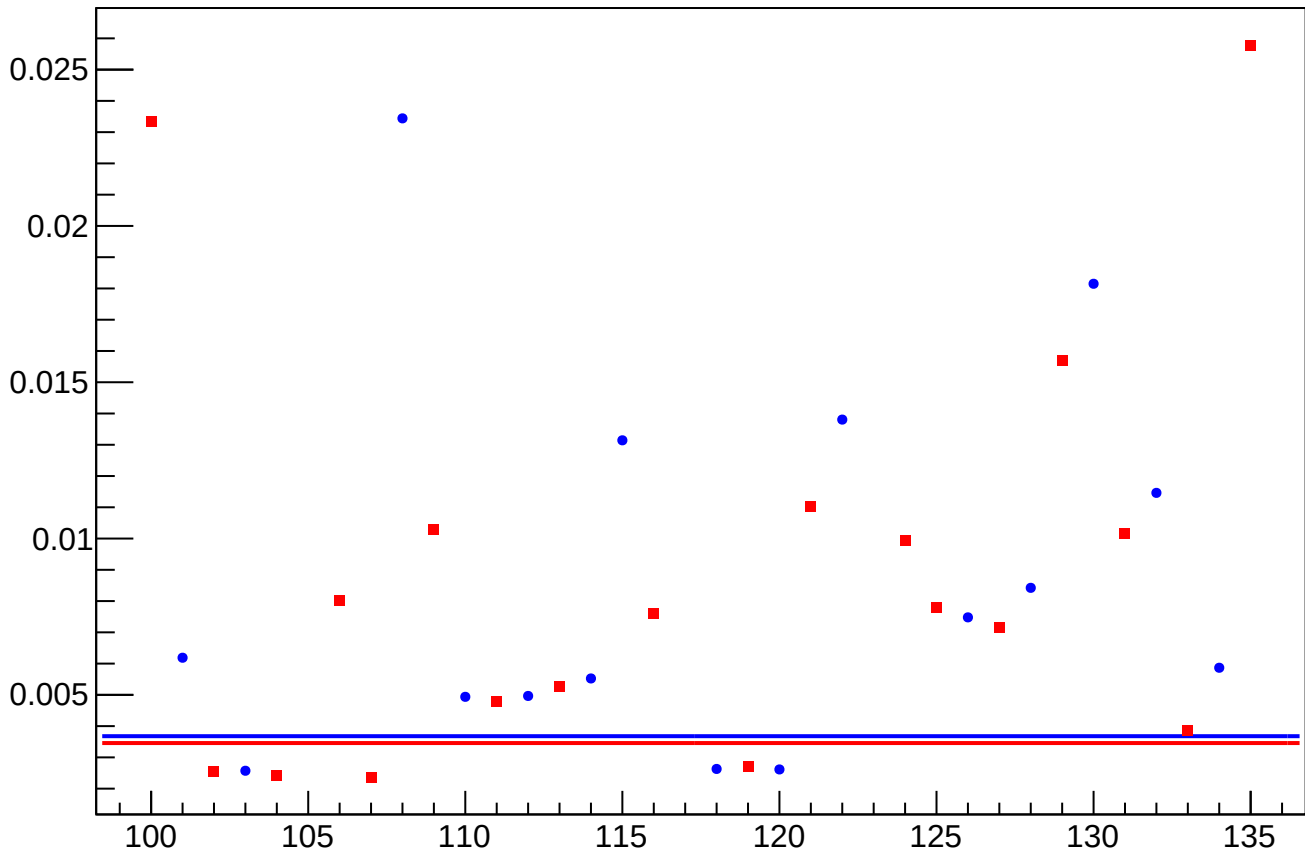
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 3456828.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 4200966.7/17

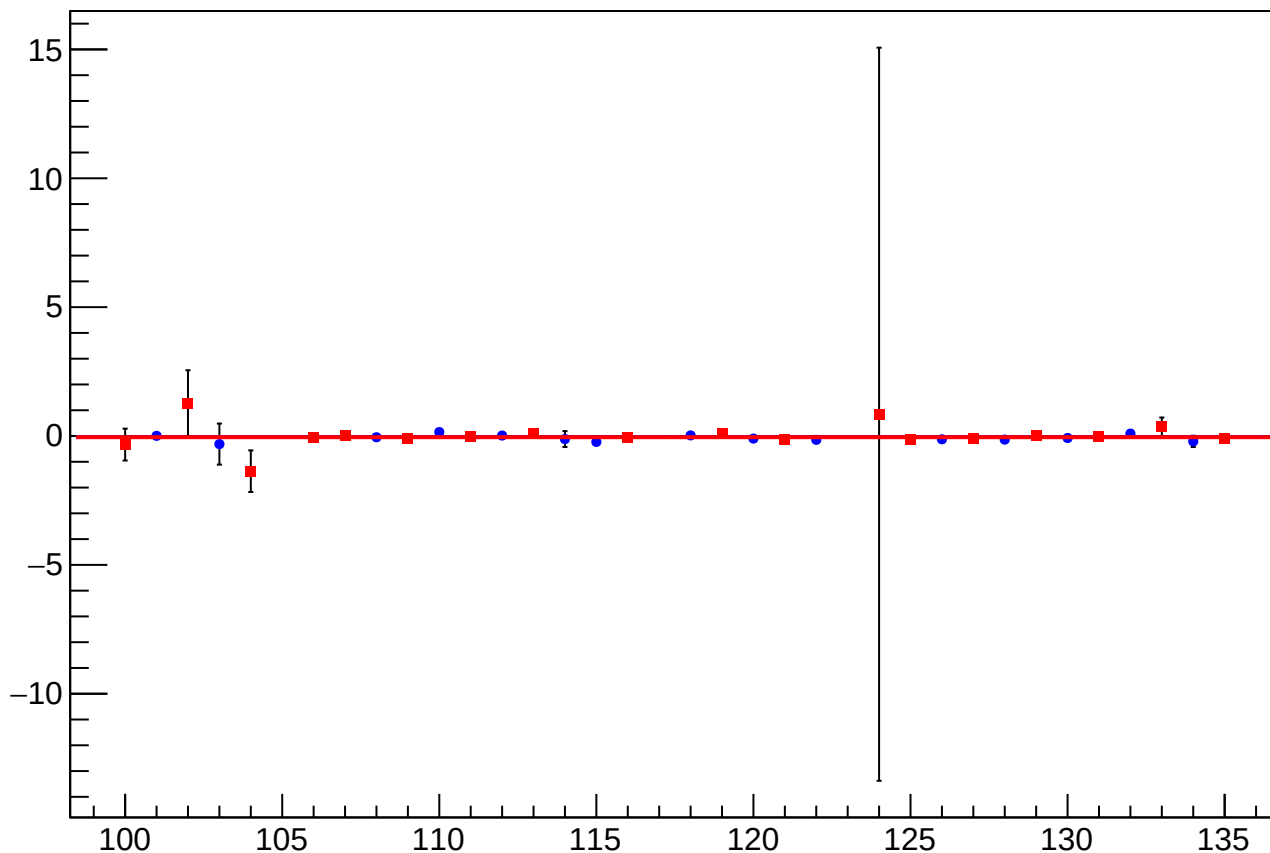
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 7674598.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.038 ± 0.032 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.045 ± 0.025 χ^2/NDF : 12.6/17

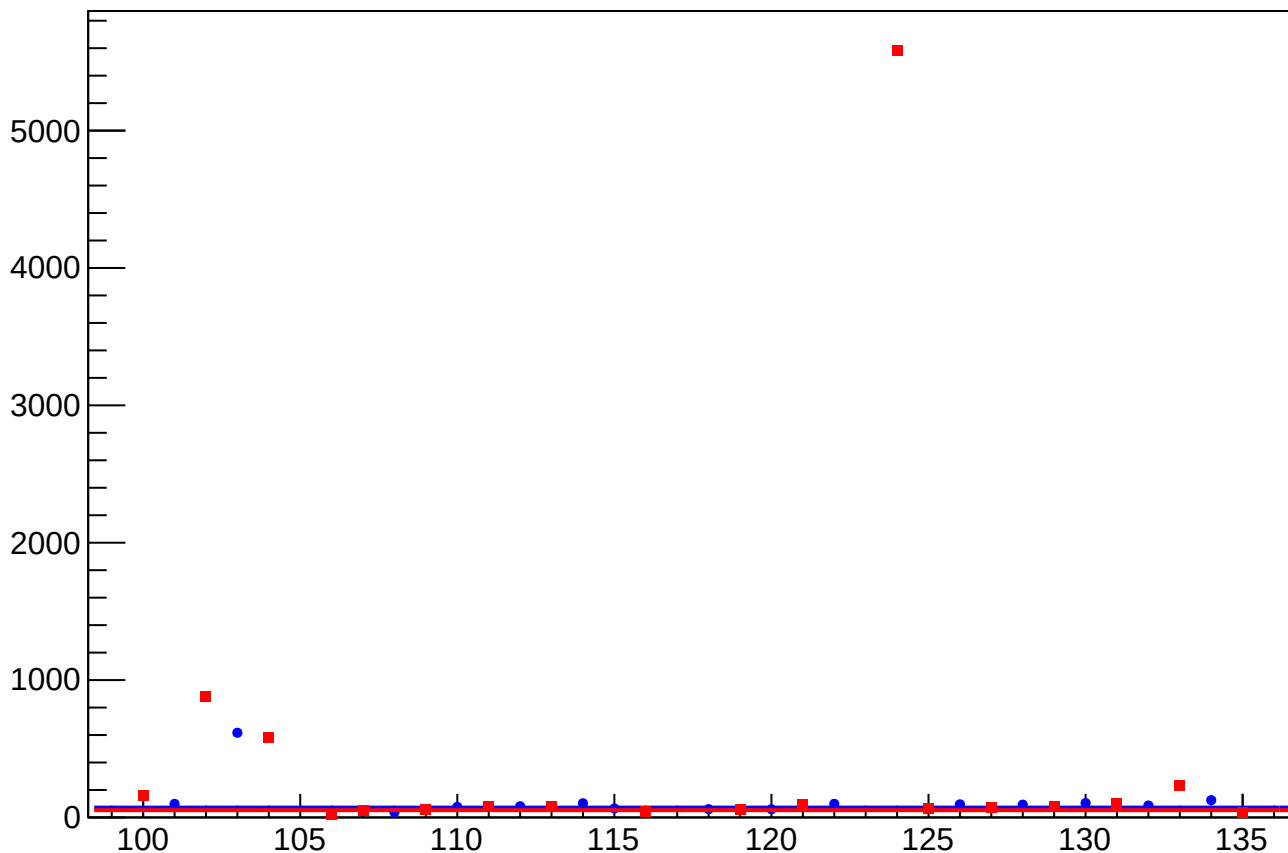
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.043 ± 0.020 χ^2/NDF : 20.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 71.493+/-0.023 χ^2/NDF : 2030123.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 53.182+/-0.018 χ^2/NDF : 3946299.2/17

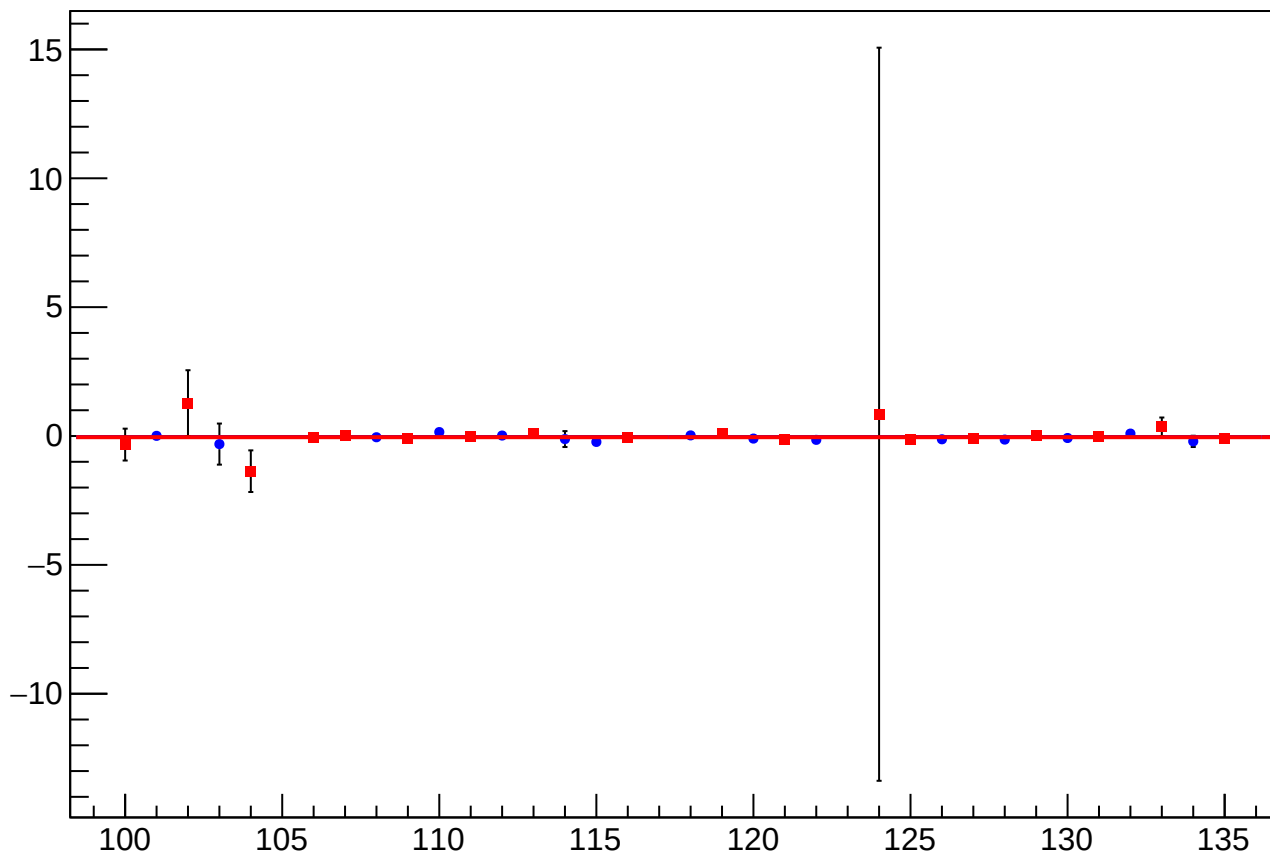
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.124+/-0.014 χ^2/NDF : 6372186.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.038 ± 0.032 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.045 ± 0.025 $\chi^2/\text{NDF}: 12.6/17$

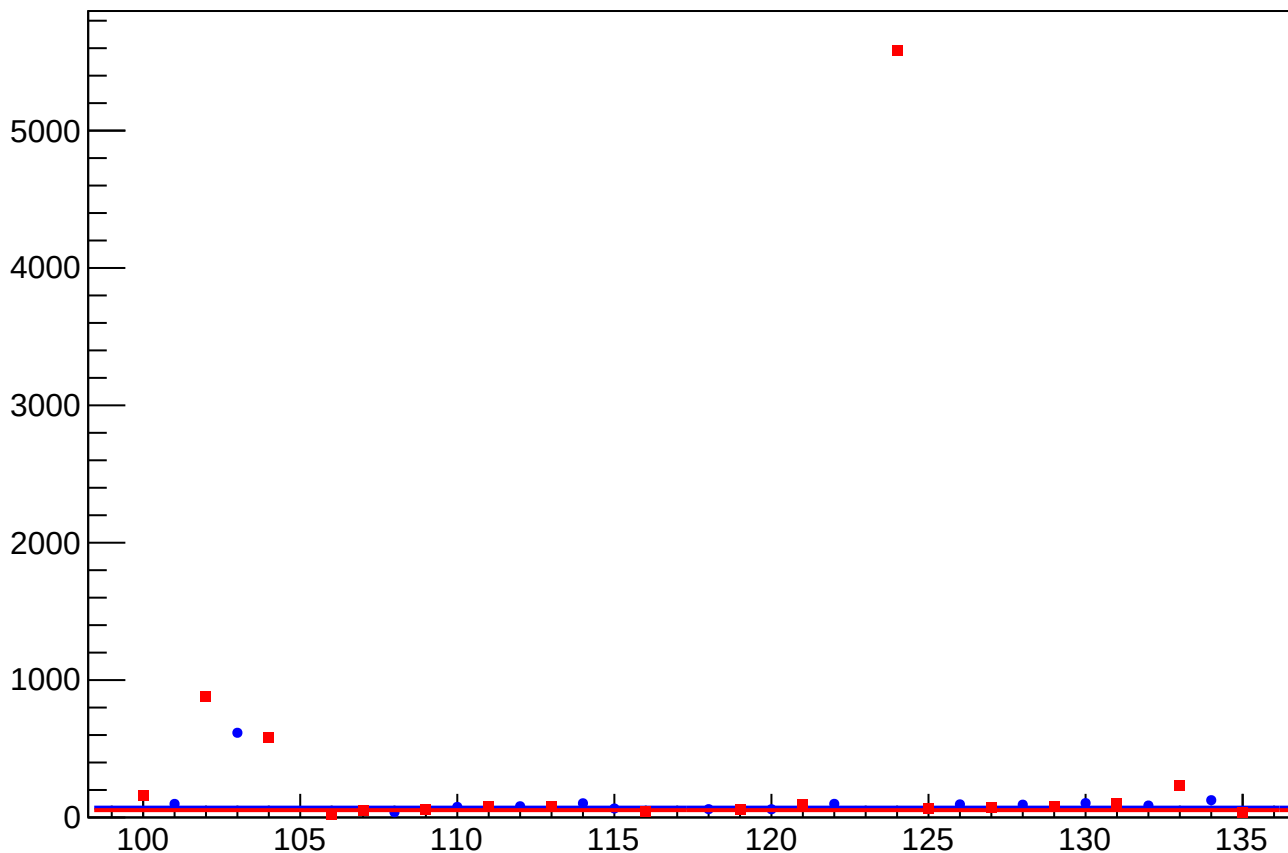
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.043 ± 0.020 $\chi^2/\text{NDF}: 20.3/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_at2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 71.493 $\pm$ 0.023 χ^2 /NDF: 2030123.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.182 $\pm$ 0.018 χ^2 /NDF: 3946299.2/17

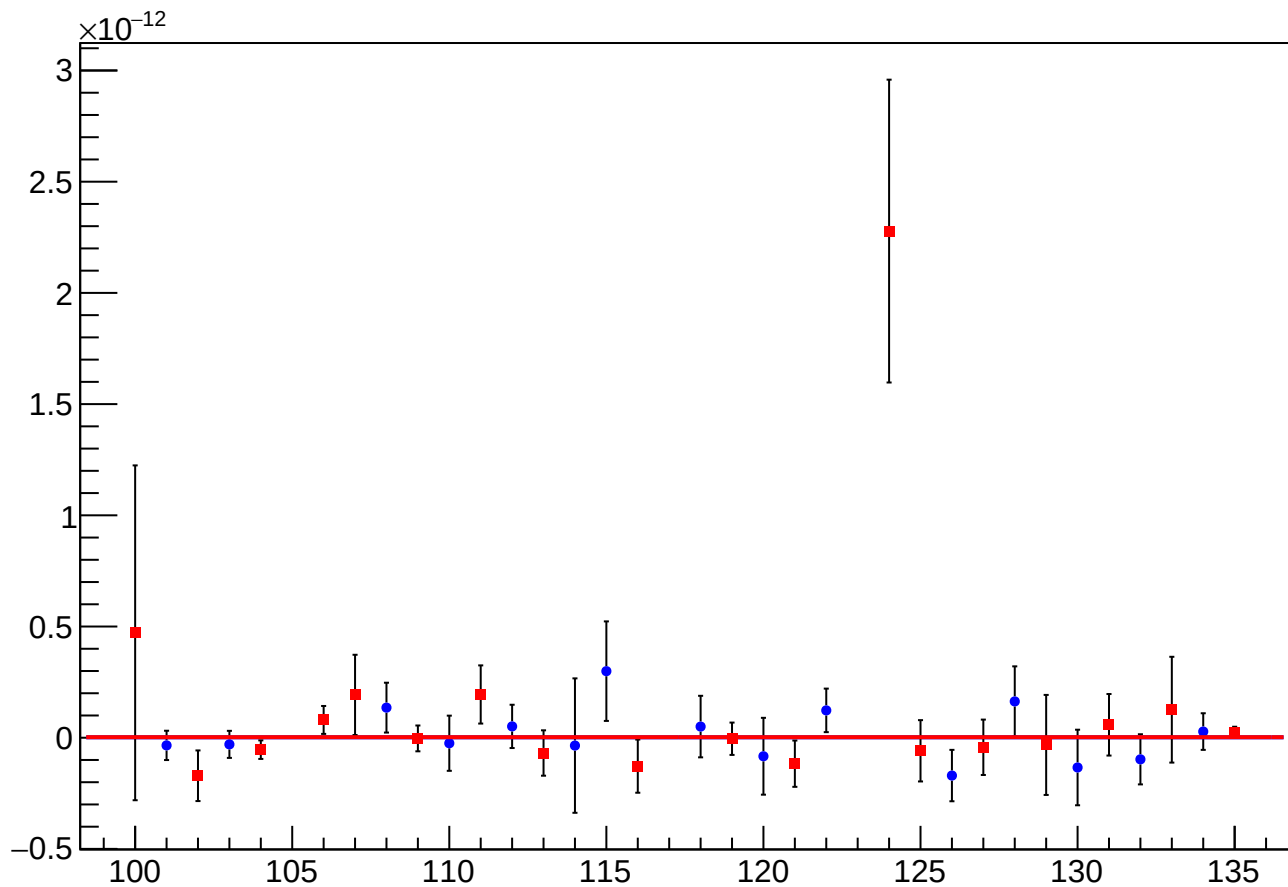
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.124 $\pm$ 0.014 χ^2 /NDF: 6372186.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.0/17

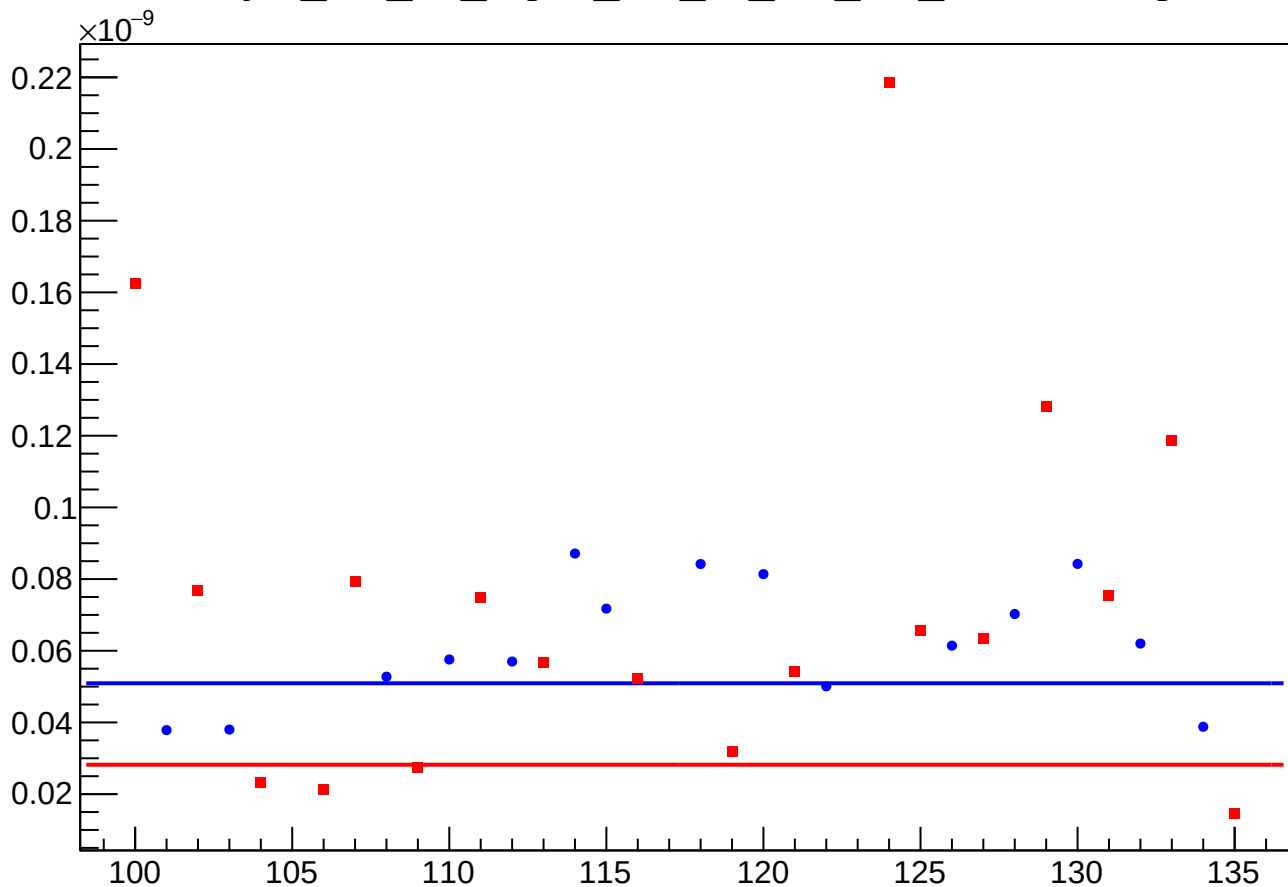
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 593009.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3241830.4/17

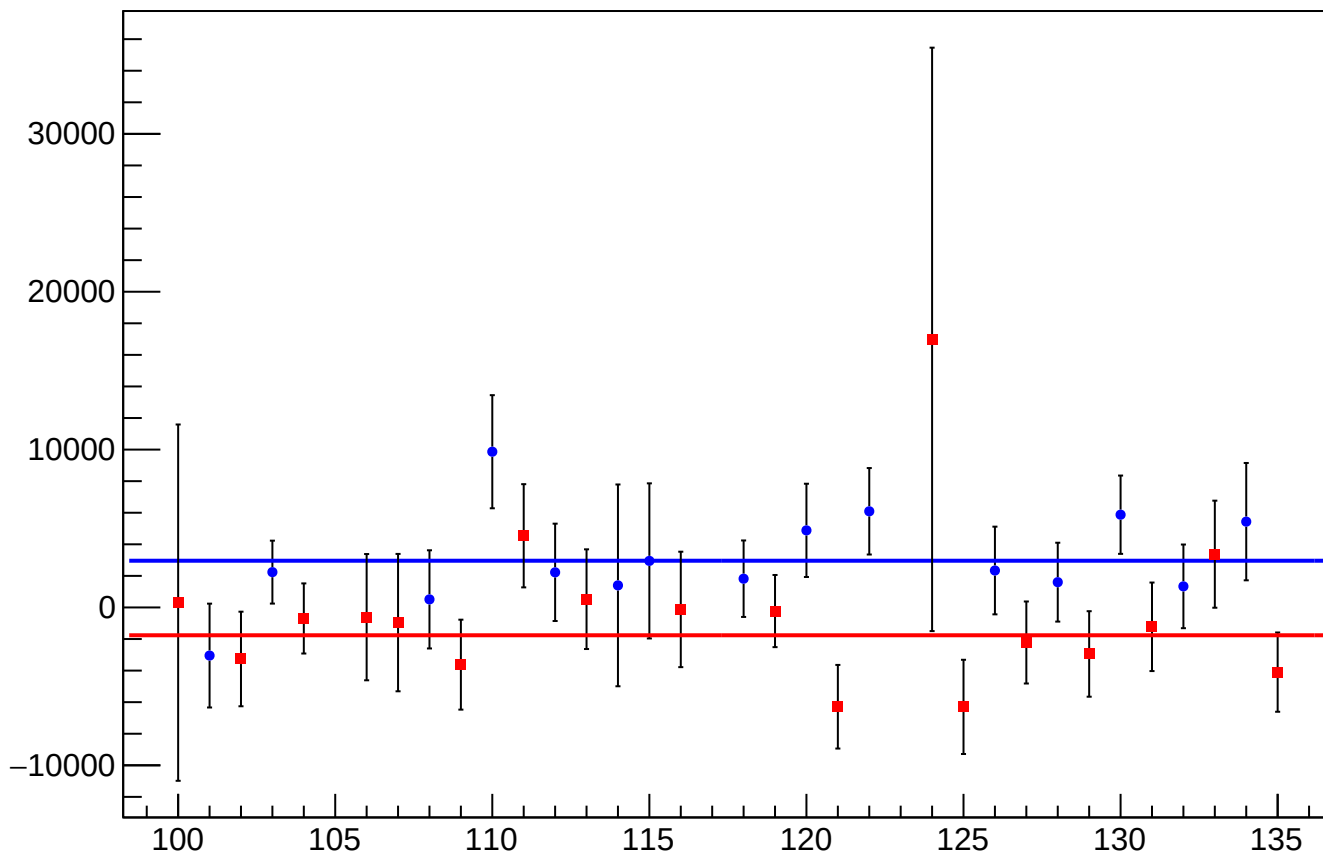
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4843910.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_mean vs Slug



Right In: 2959.638+/-749.114 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1762.105+/-718.762 χ^2/NDF : 15.6/17

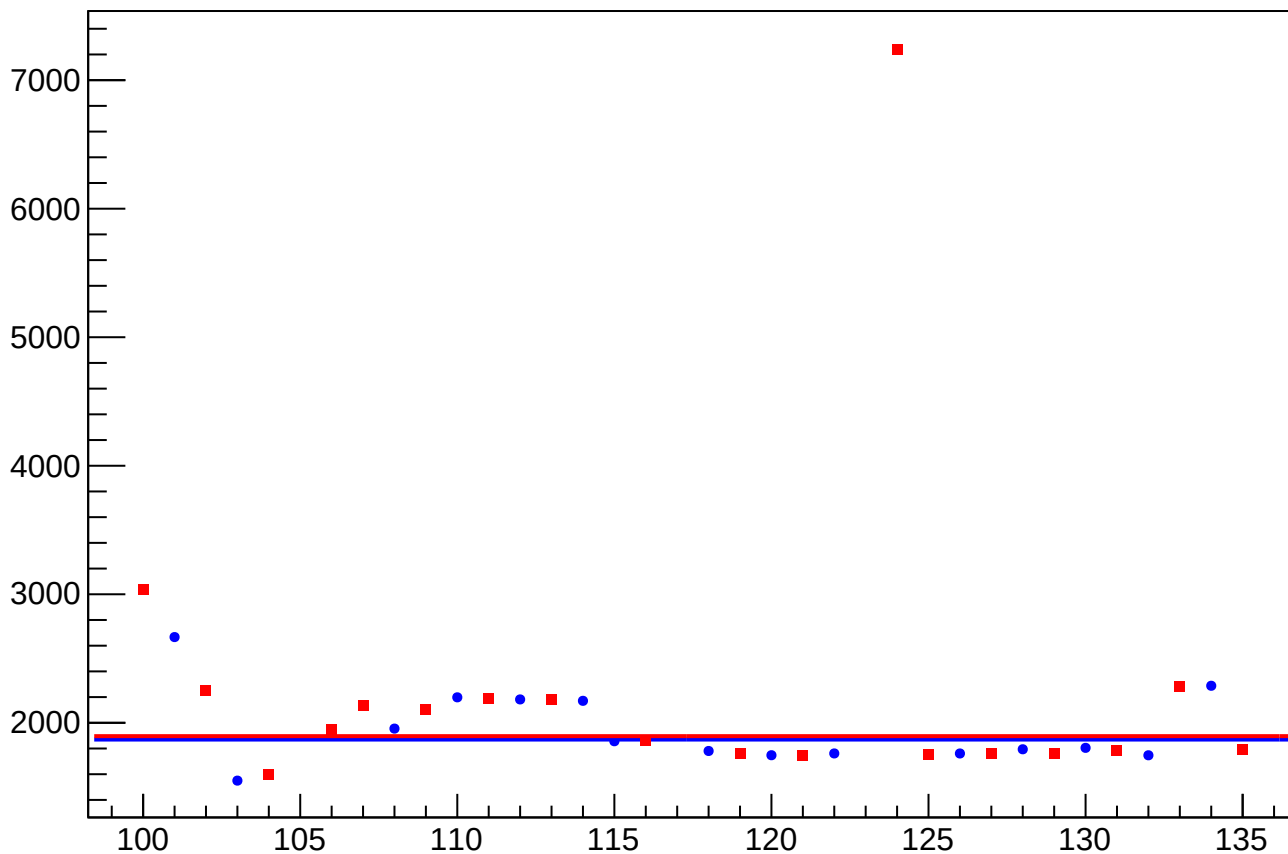
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.174+/-518.640 χ^2/NDF : 48.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_rms vs Slug



Right In: 1869.705+/-0.530 χ^2/NDF : 257253.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.101+/-0.507 χ^2/NDF : 361499.9/17

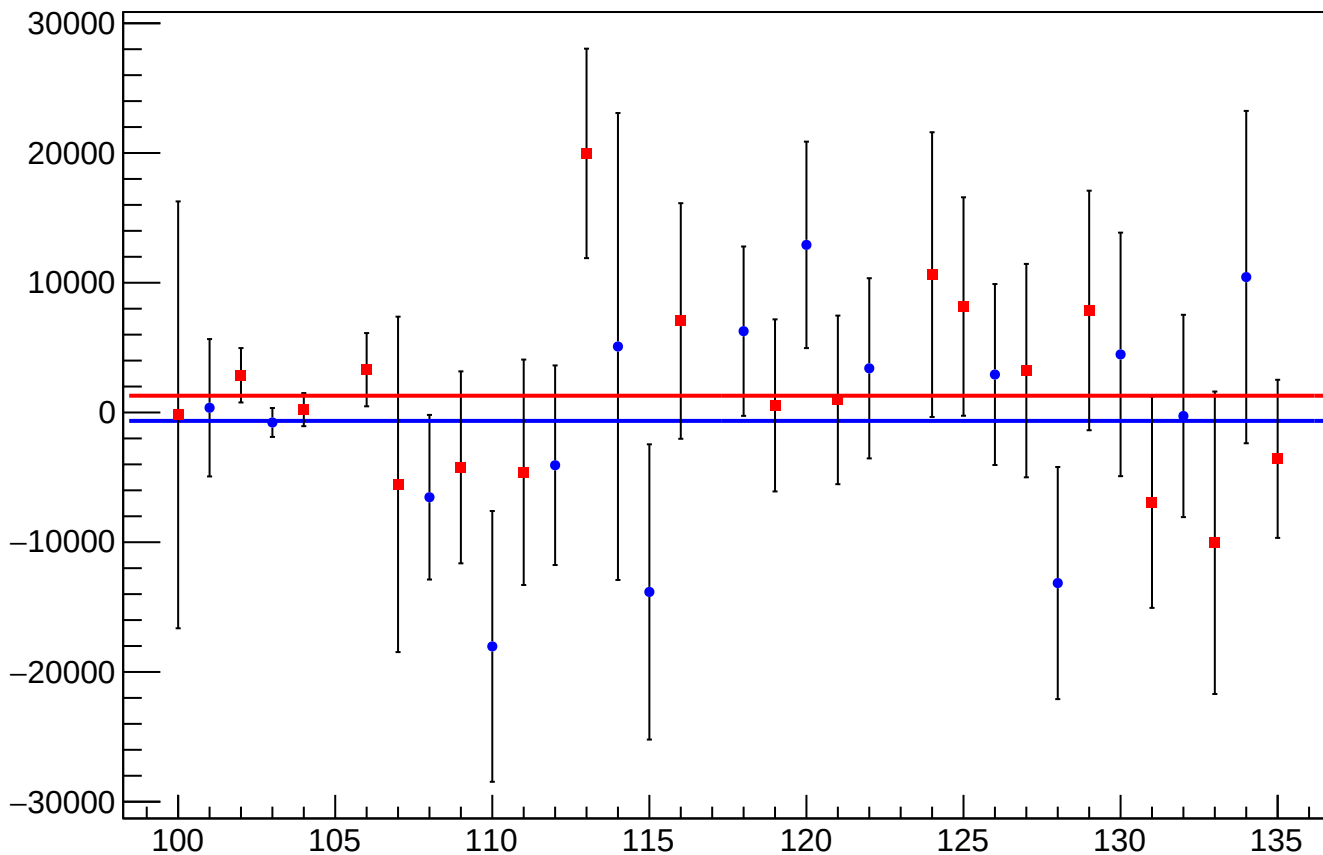
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.480+/-0.366 χ^2/NDF : 620049.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_mean vs Slug



Right In: -648.178+/-985.517 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1292.363+/-920.169 χ^2/NDF : 13.4/17

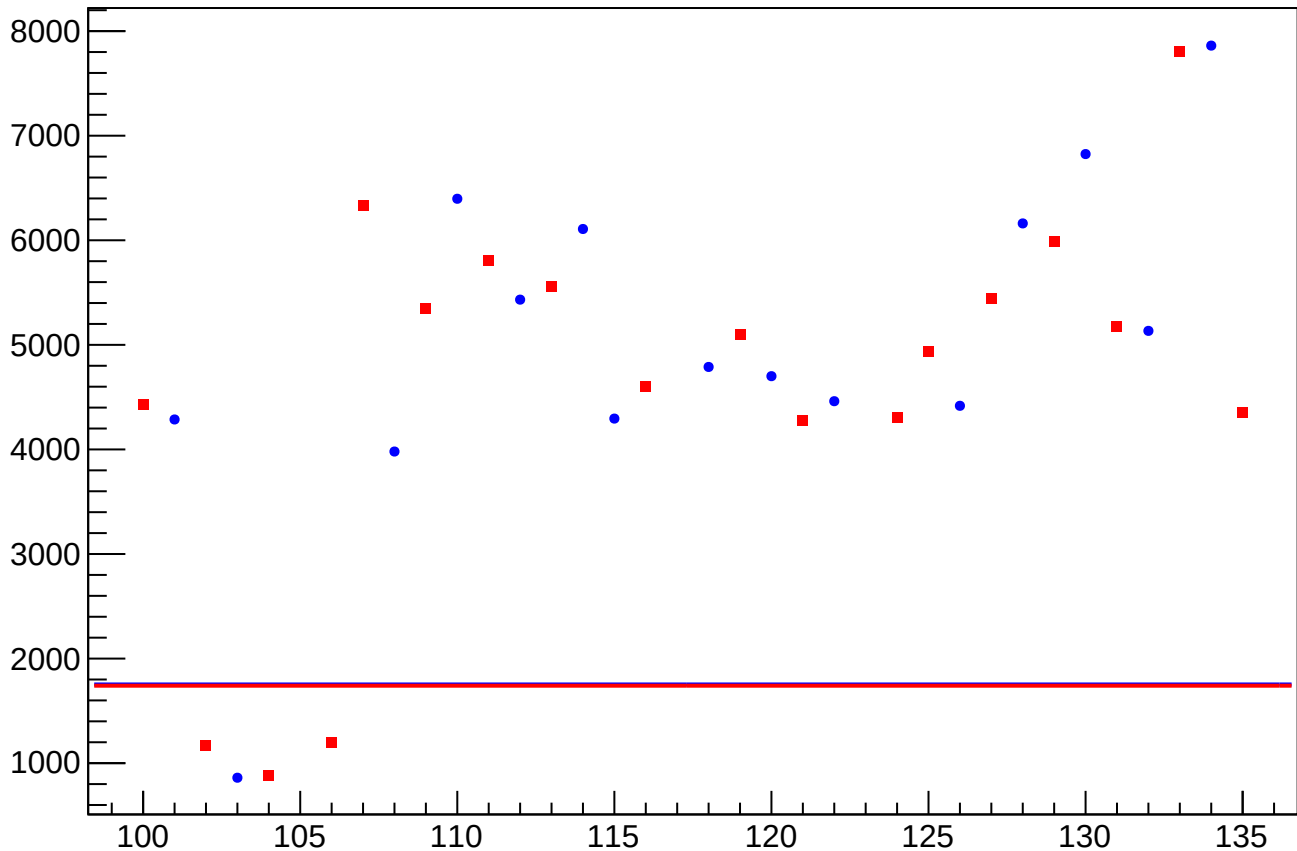
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 388.557+/-672.574 χ^2/NDF : 28.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_correction_rms vs Slug



Right In: 1752.504+/-0.697 χ^2/NDF : 6260322.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

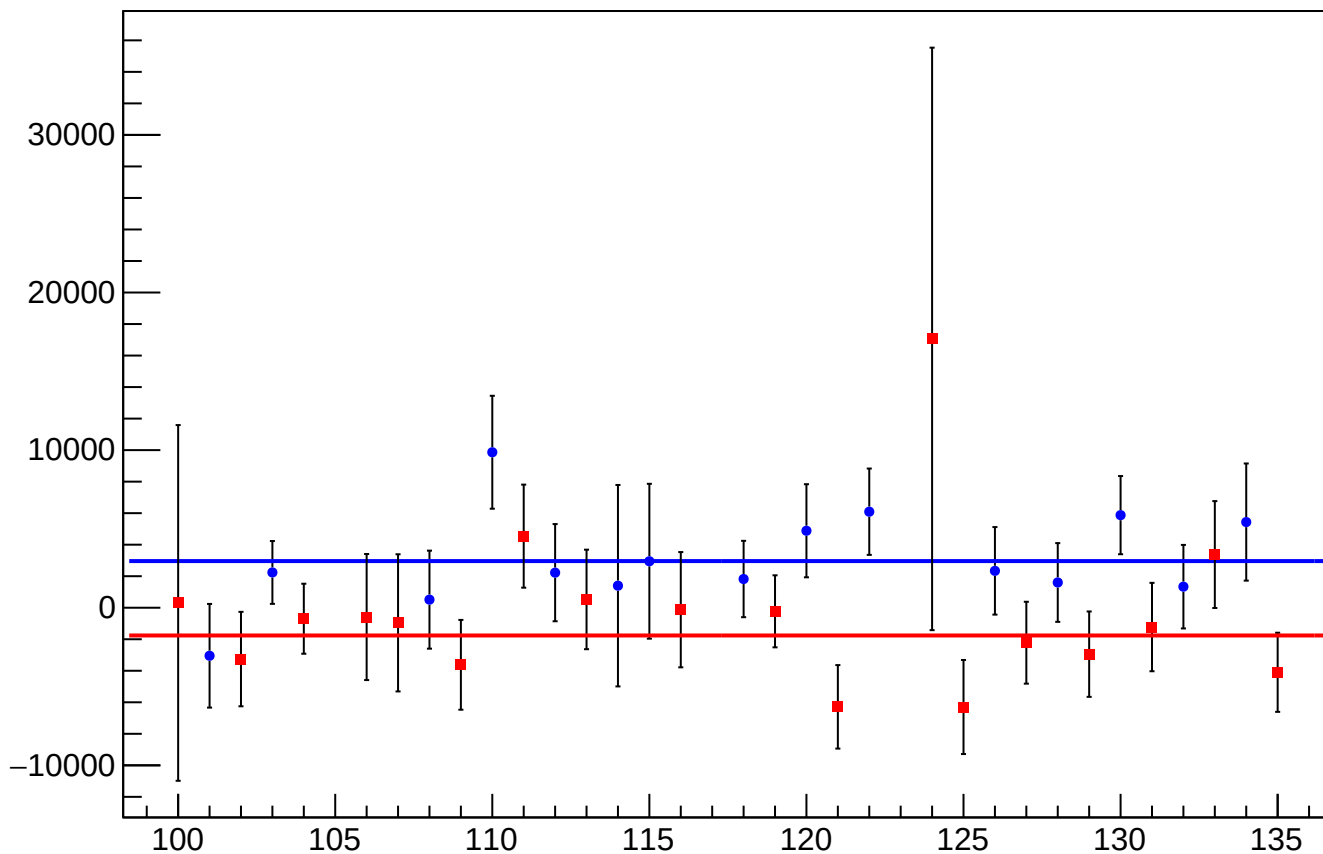
Right Out: 1740.769+/-0.651 χ^2/NDF : 6292945.7/17

All: 1746.235+/-0.476 χ^2/NDF : 12553420.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_avg_mean vs Slug



Right In: 2959.738 $\pm$ 749.114 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1760.658 $\pm$ 718.763 χ^2 /NDF: 15.6/17

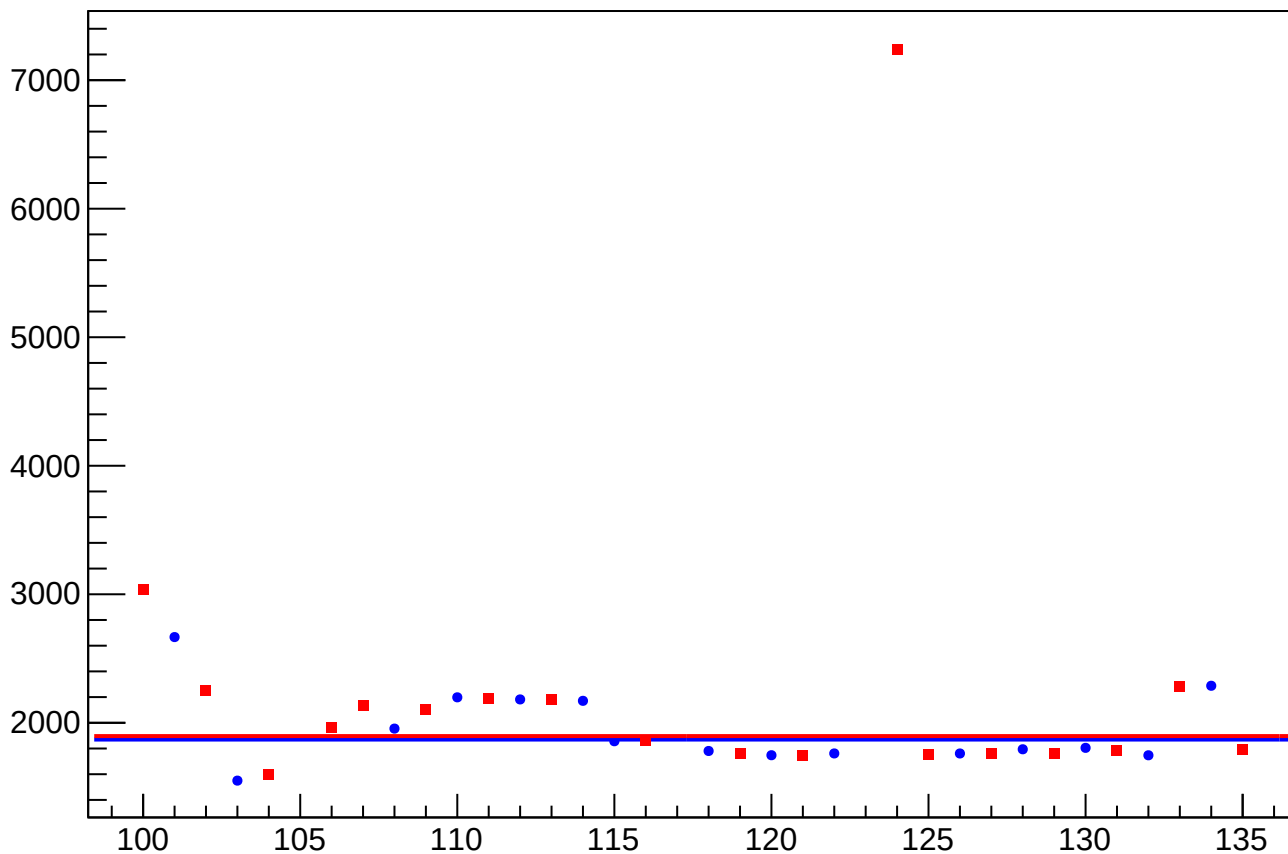
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 501.978 $\pm$ 518.640 χ^2 /NDF: 48.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_avg_rms vs Slug



Right In: 1869.705+/-0.530 χ^2/NDF : 257253.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1896.577+/-0.507 χ^2/NDF : 361724.3/17

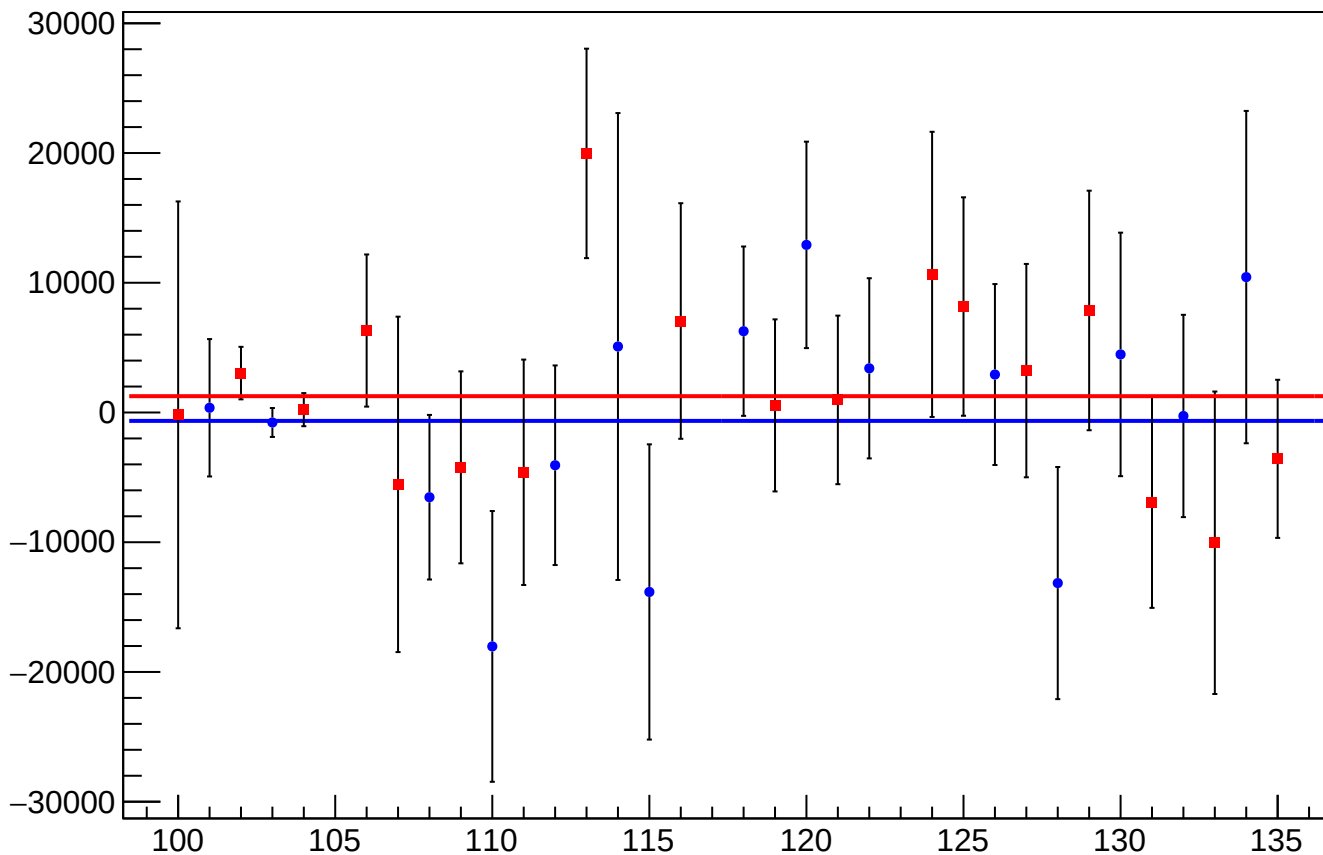
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1883.726+/-0.366 χ^2/NDF : 620320.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_mean vs Slug



Right In: -647.698+/-985.460 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1256.916+/-952.874 χ^2/NDF : 13.8/17

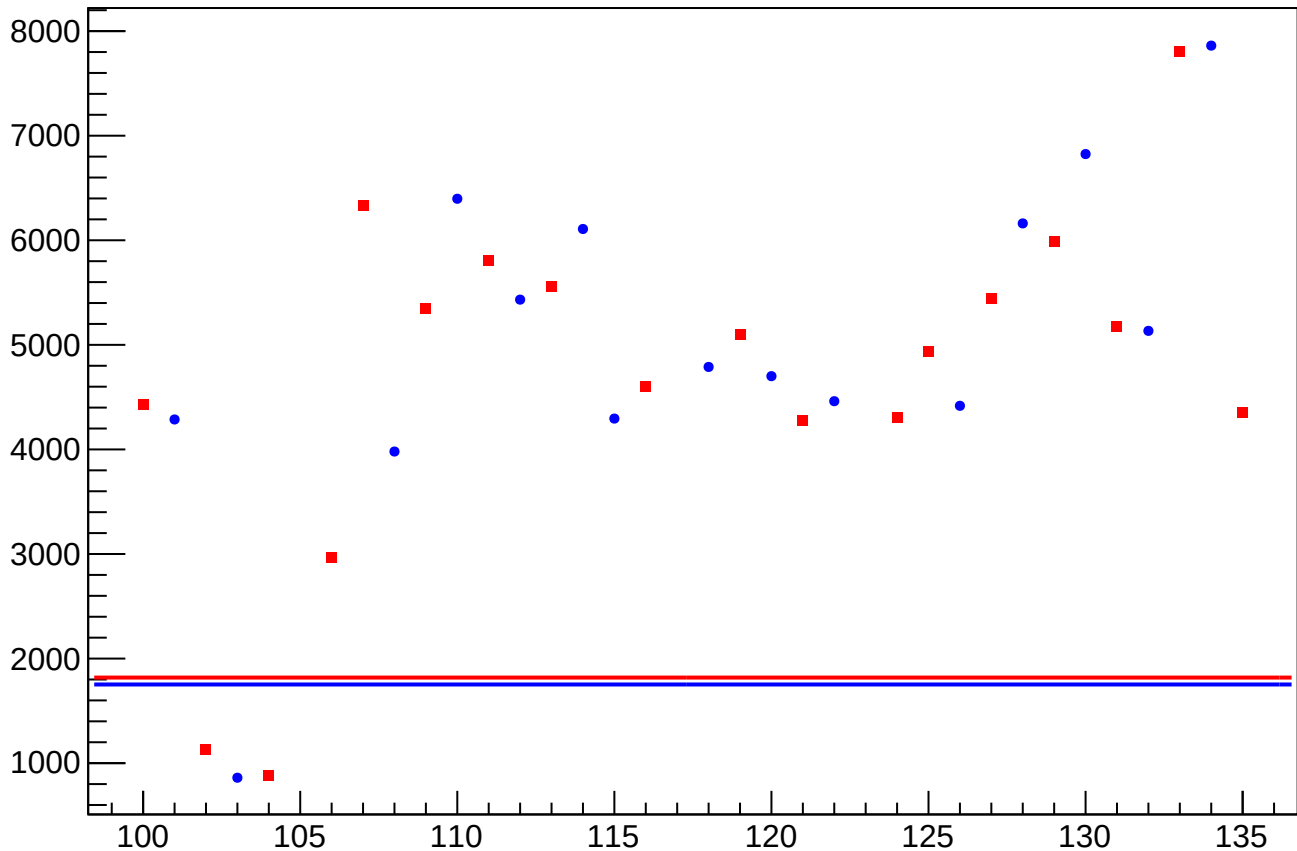
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.619+/-685.014 χ^2/NDF : 28.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_cor_correction_rms vs Slug



Right In: 1752.356+/-0.697 χ^2/NDF : 6260677.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1818.452+/-0.674 χ^2/NDF : 6325180.5/17

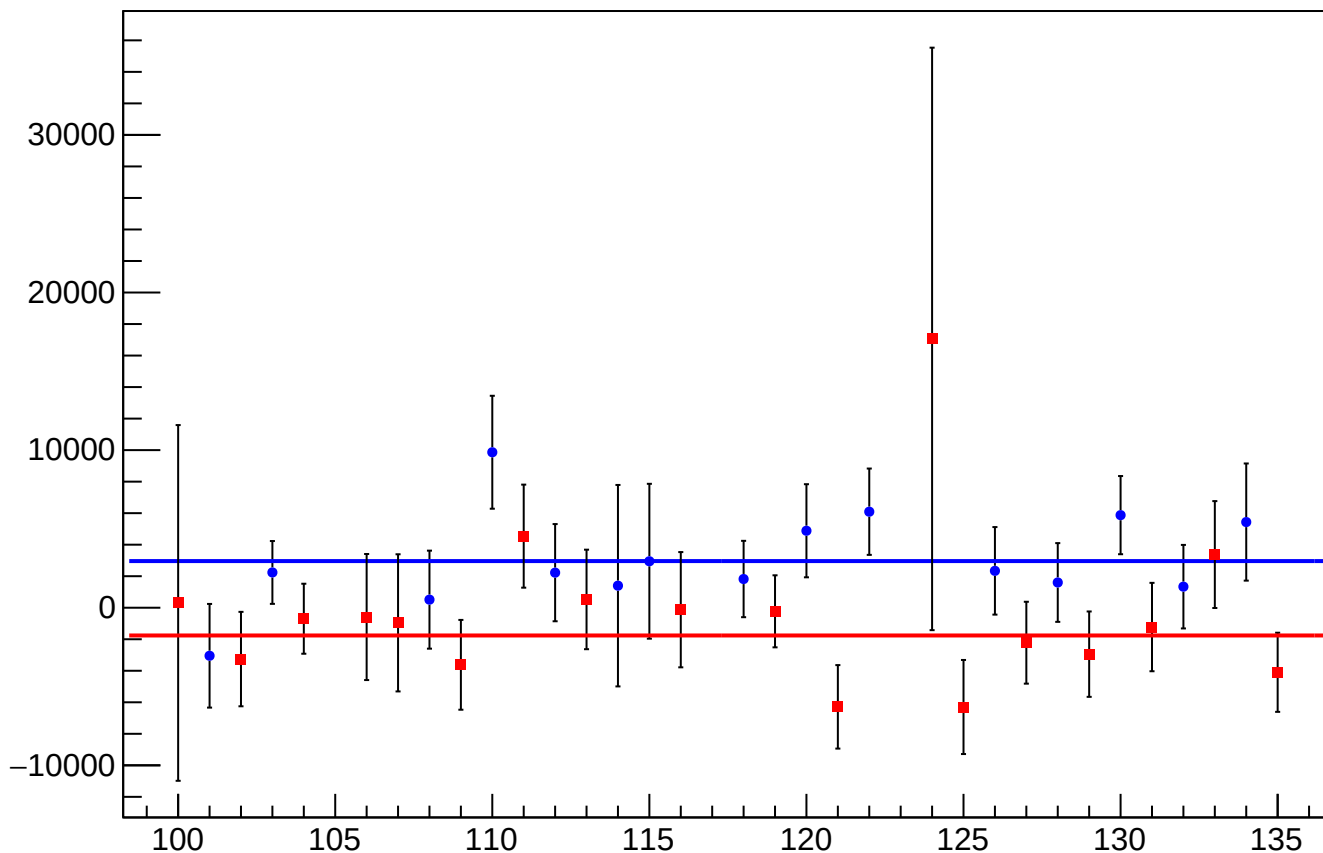
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1786.515+/-0.484 χ^2/NDF : 12590508.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_mean vs Slug



Right In: 2959.738+/-749.114 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1760.658+/-718.763 χ^2/NDF : 15.6/17

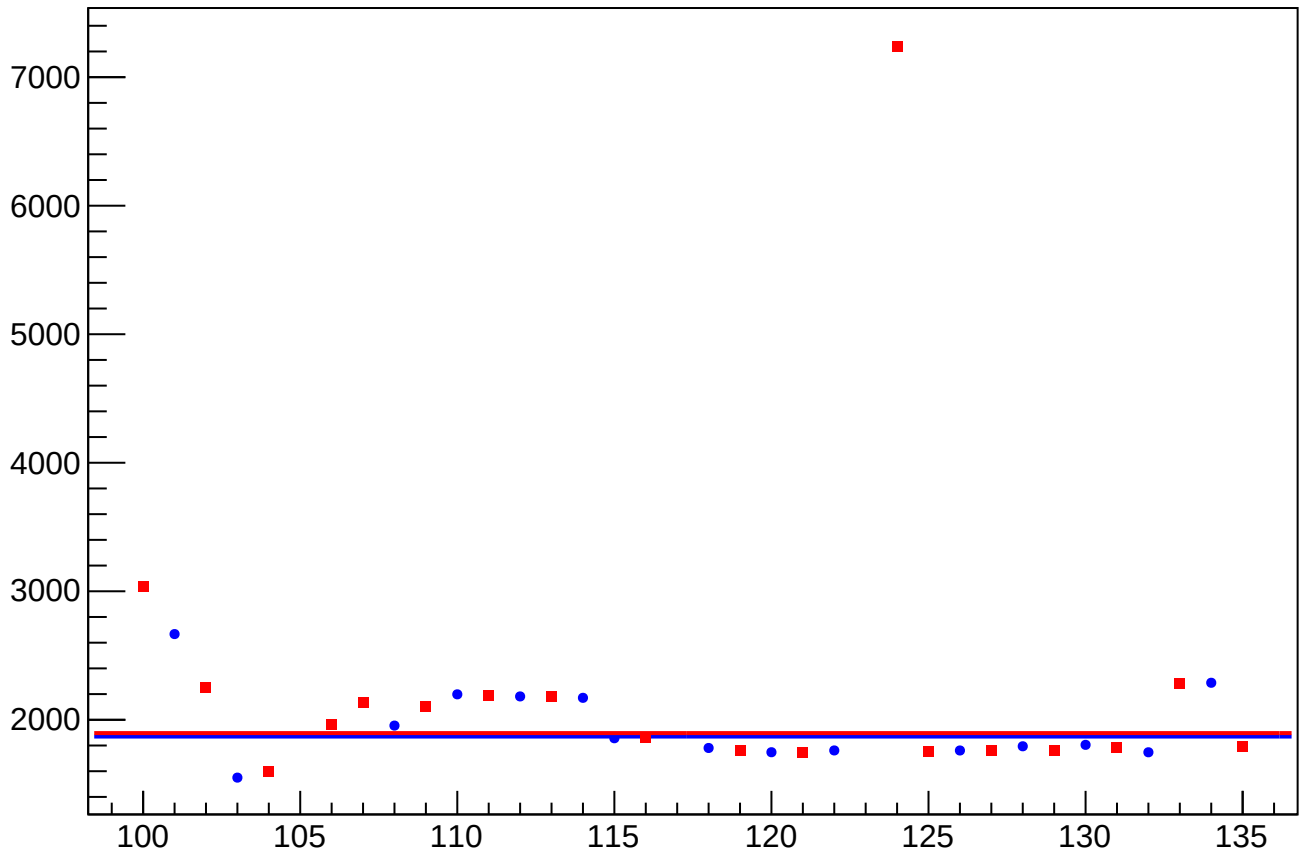
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 501.978+/-518.640 χ^2/NDF : 48.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_avg_rms vs Slug



Right In: 1869.705±/-0.530 χ^2/NDF : 257253.0/14

Left Out: 0.000±/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000±/-0.000 χ^2/NDF : 0.0/0

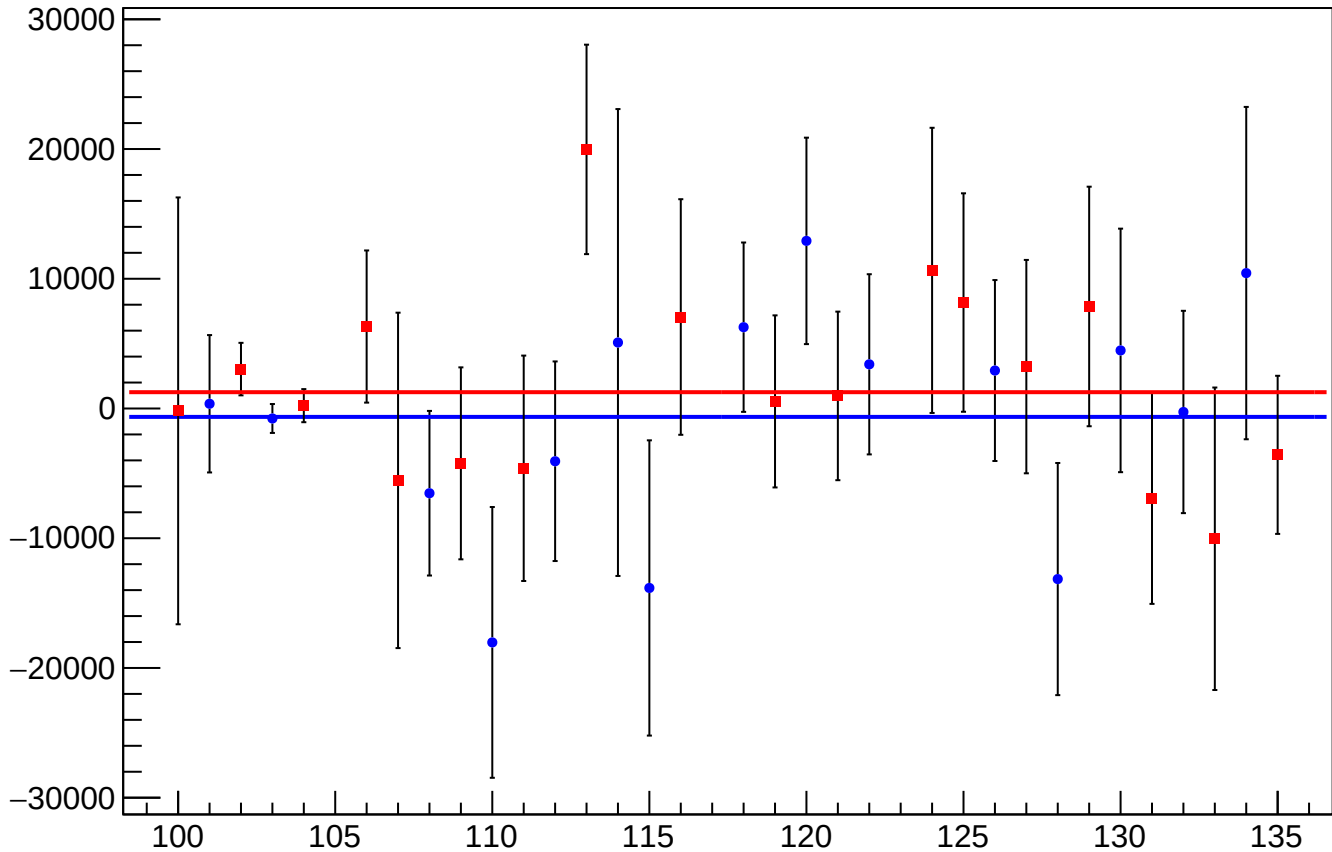
Right Out: 1896.577±/-0.507 χ^2/NDF : 361724.3/17

All: 1883.726±/-0.366 χ^2/NDF : 620320.1/32

- sign 0.000±/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000±/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_mean vs Slug



Right In: -647.698+/-985.460 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1256.916+/-952.874 χ^2/NDF : 13.8/17

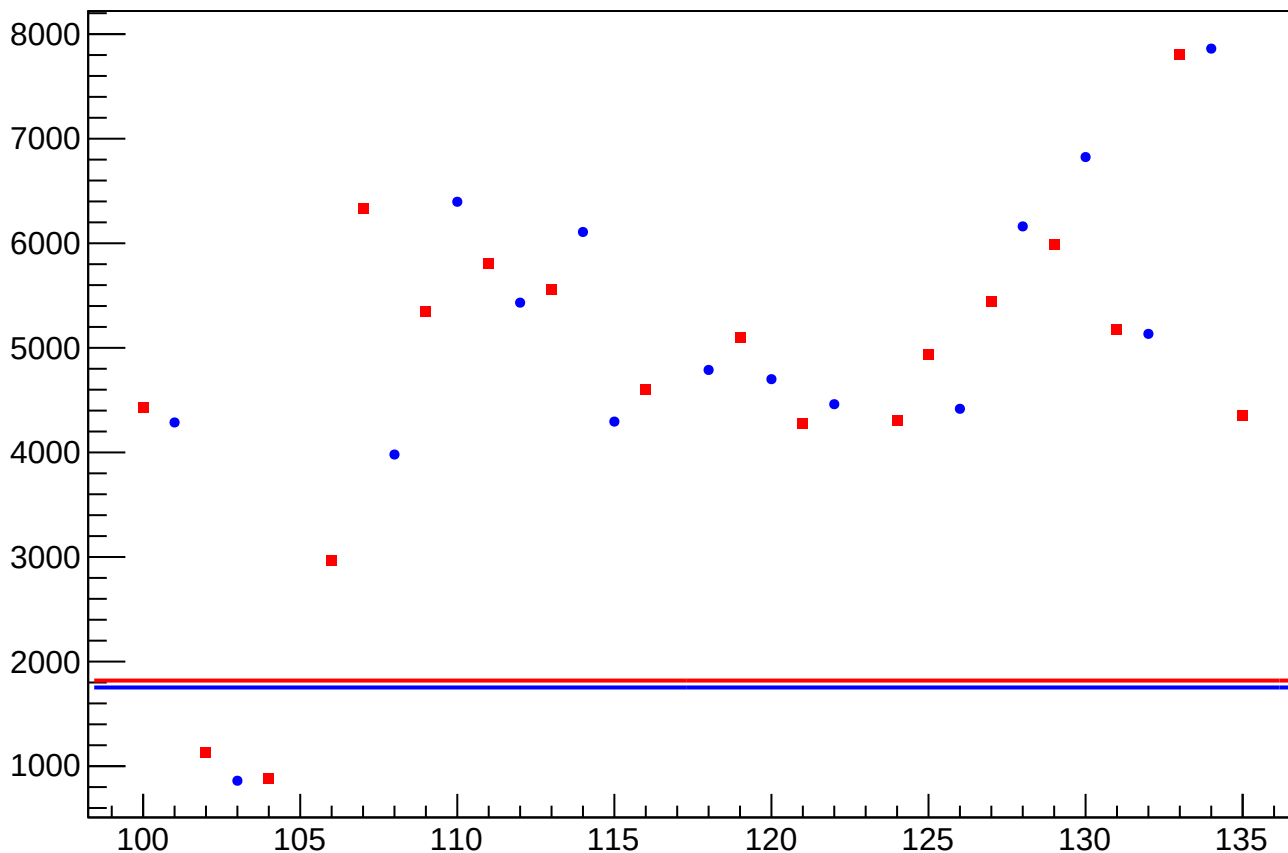
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 336.619+/-685.014 χ^2/NDF : 28.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_correction_rms vs Slug



Right In: 1752.356+/-0.697 χ^2/NDF : 6260677.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

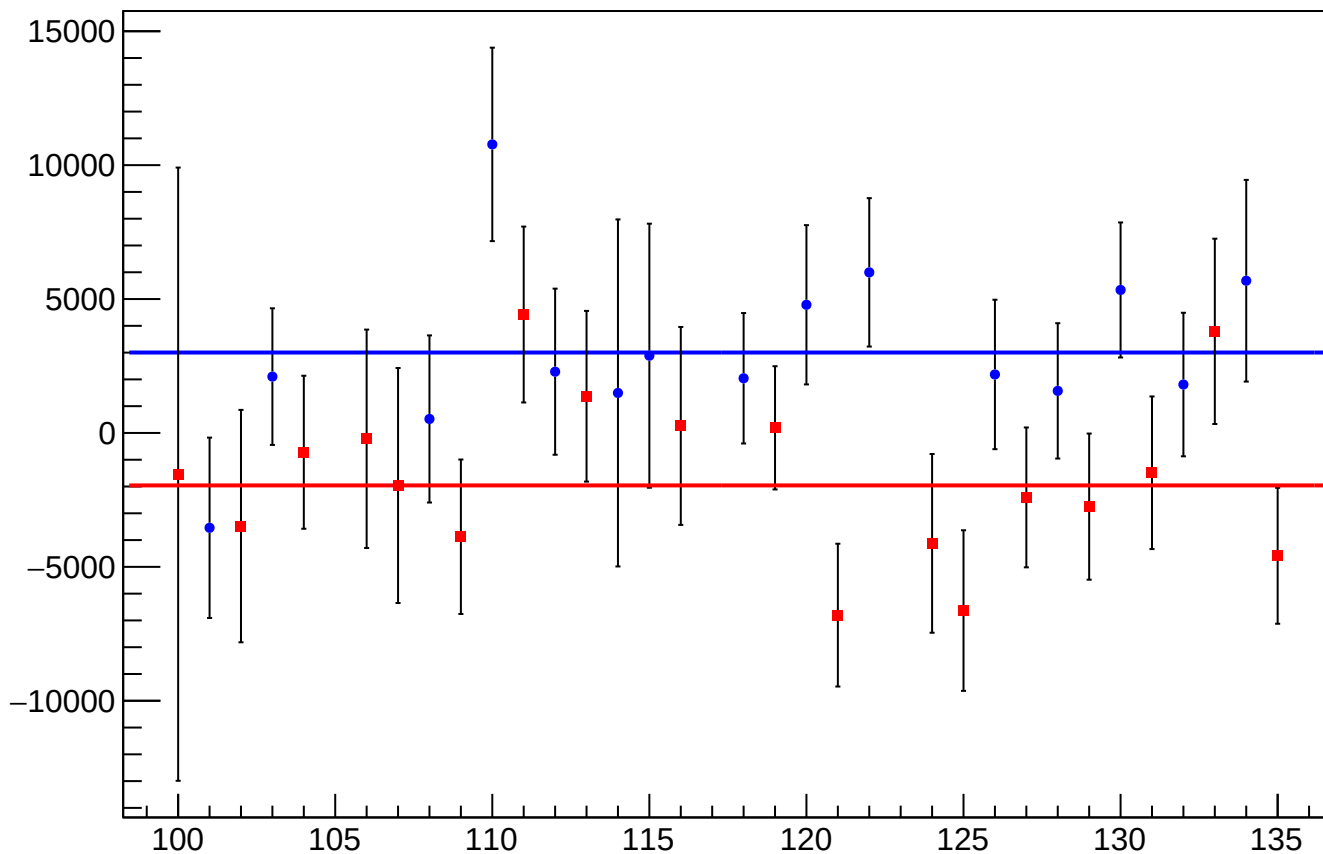
Right Out: 1818.452+/-0.674 χ^2/NDF : 6325180.5/17

All: 1786.515+/-0.484 χ^2/NDF : 12590508.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_mean vs Slug



Right In: 3003.391+/-777.454 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1958.761+/-734.520 χ^2/NDF : 17.2/17

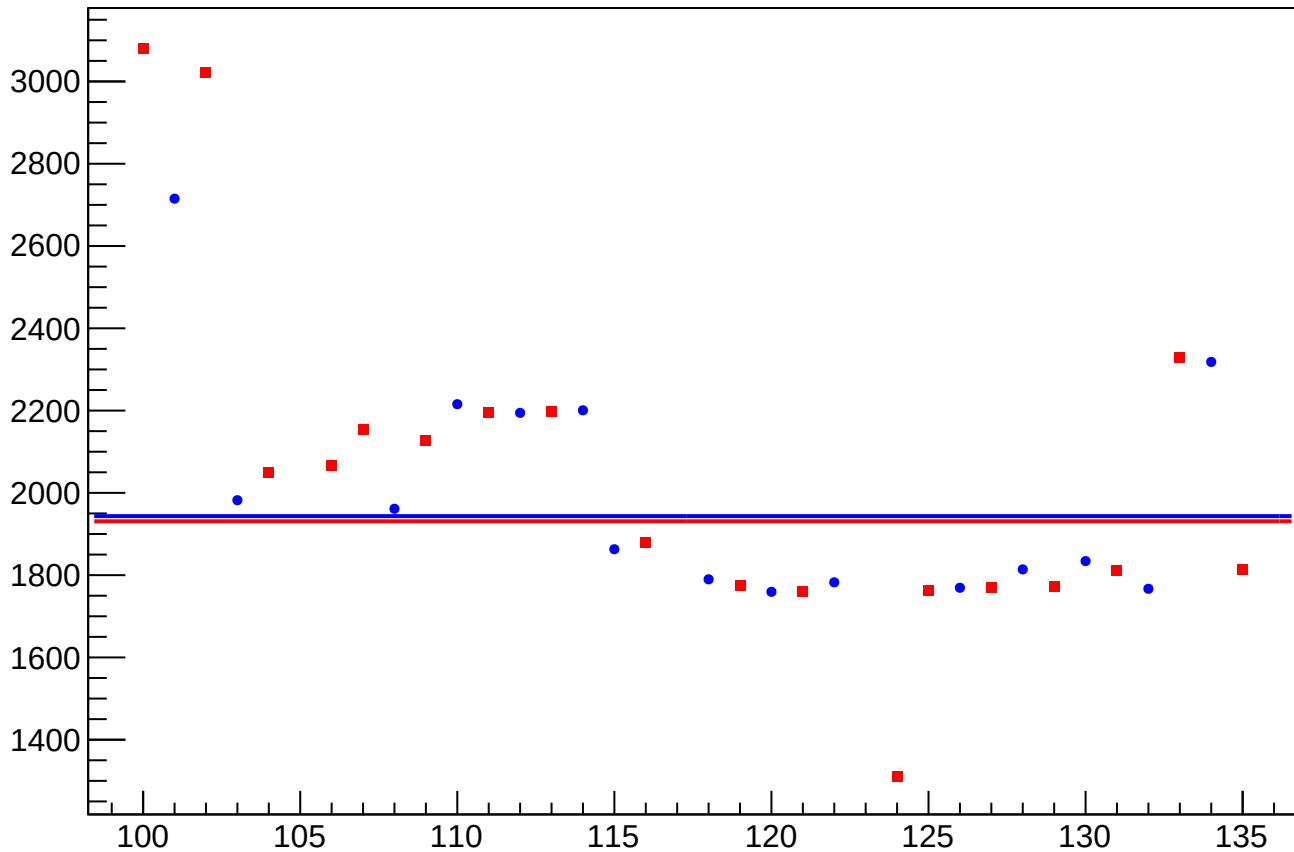
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.525+/-533.917 χ^2/NDF : 51.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_avg_rms vs Slug



Right In: 1943.443+/-0.550 χ^2/NDF : 201378.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1930.904+/-0.519 χ^2/NDF : 335603.1/17

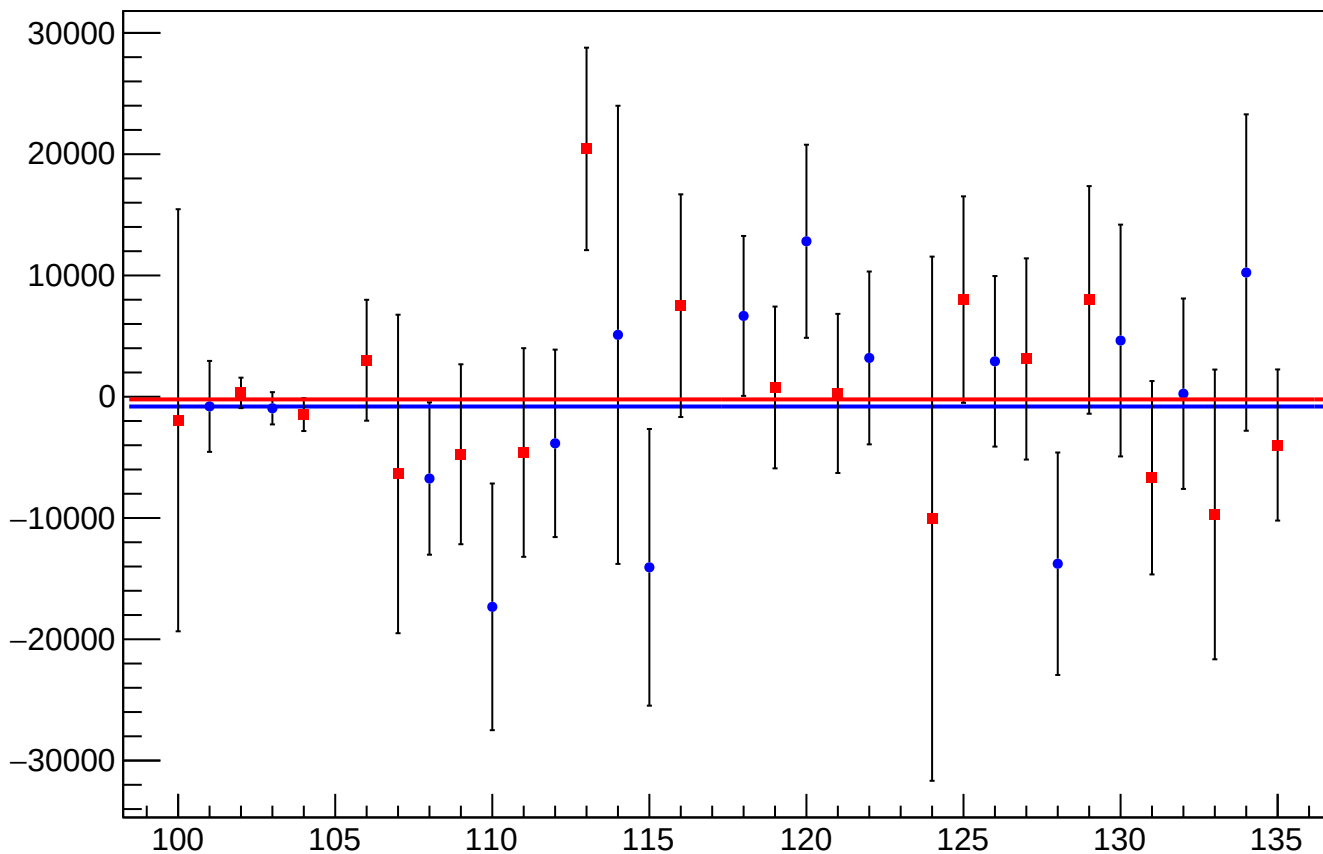
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1936.812+/-0.377 χ^2/NDF : 537256.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_mean vs Slug



Right In: -806.032+/-1102.980 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.800+/-838.781 χ^2/NDF : 12.9/17

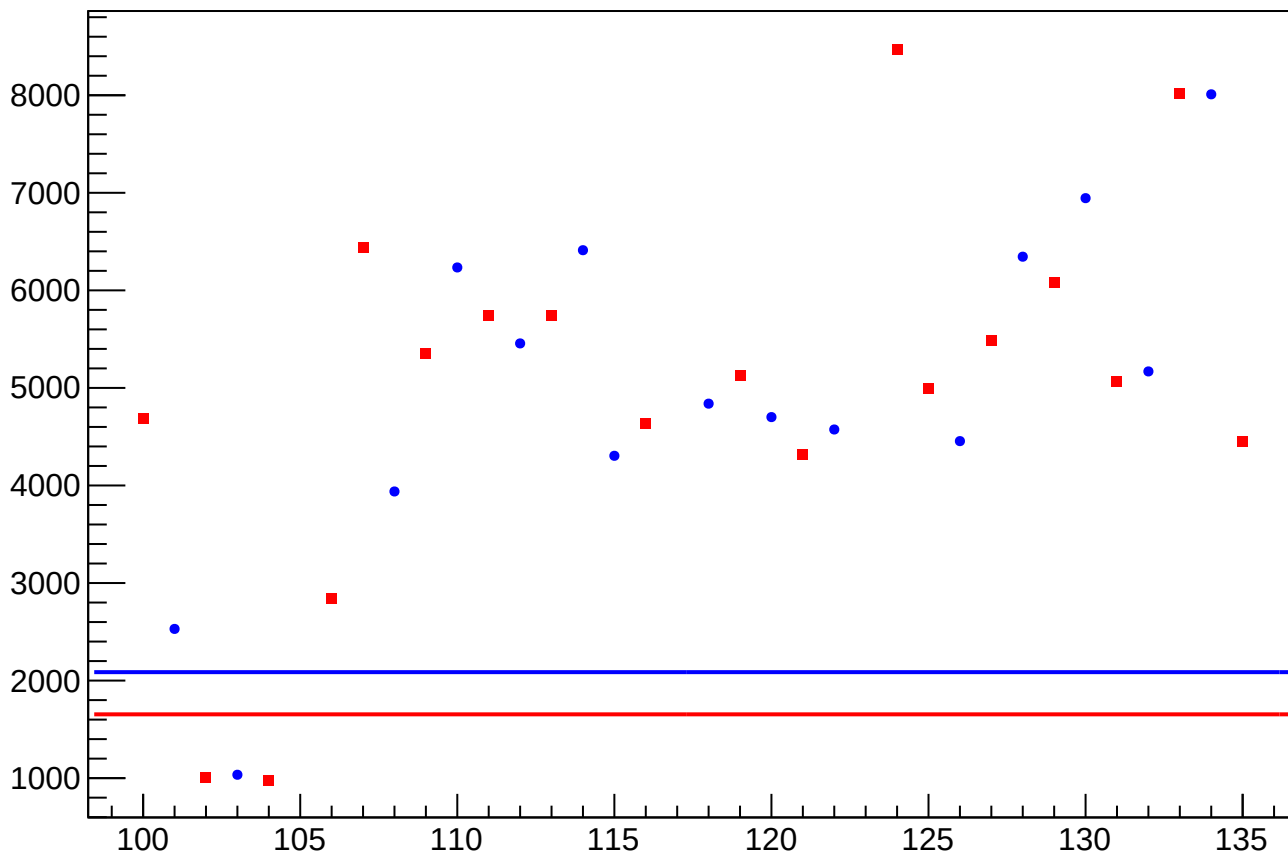
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.602+/-667.655 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_correction_rms vs Slug



Right In: 2086.490+/-0.780 χ^2/NDF : 5048345.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.039+/-0.593 χ^2/NDF : 6698460.5/17

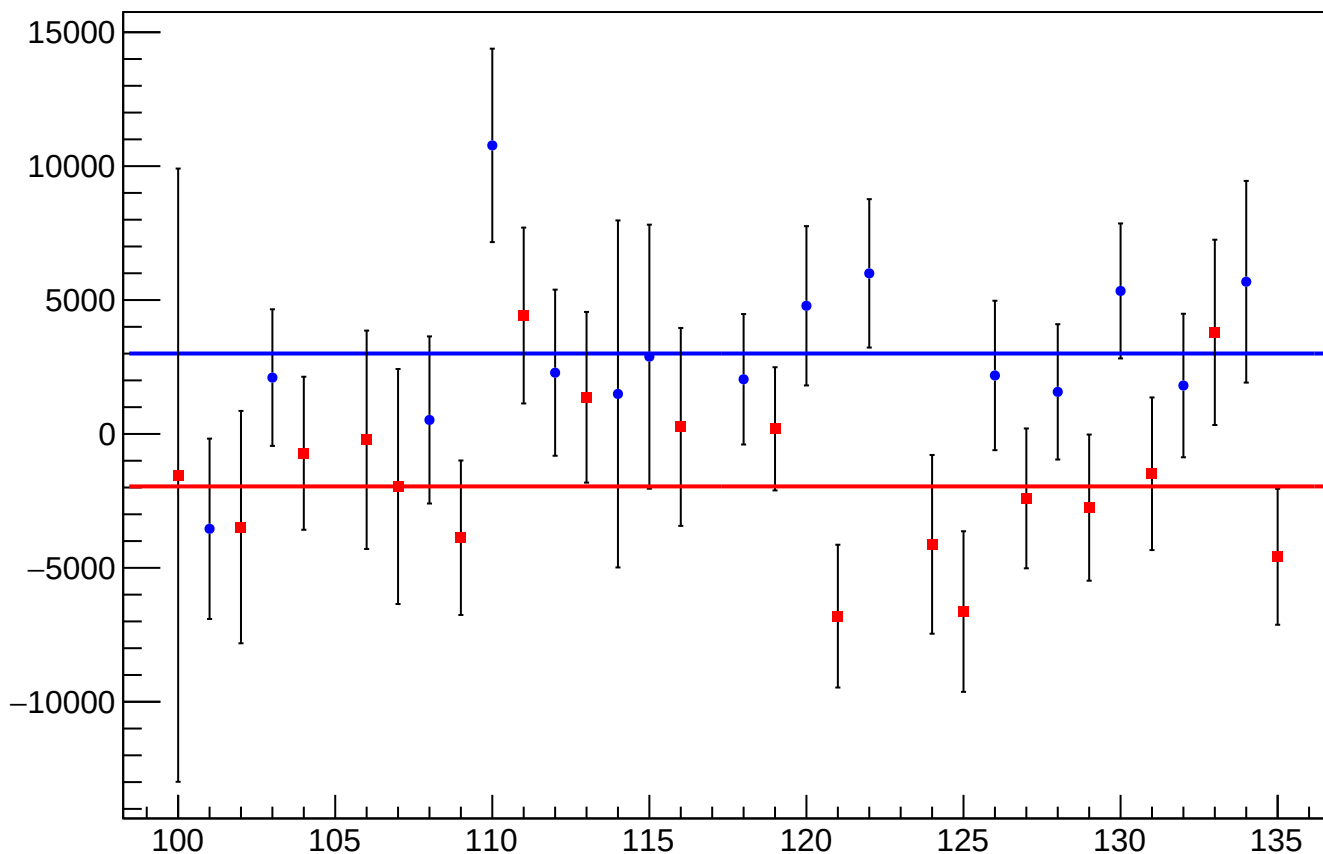
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1812.494+/-0.472 χ^2/NDF : 11941599.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_mean vs Slug



Right In: 3003.387+/-777.453 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1958.768+/-734.520 χ^2/NDF : 17.2/17

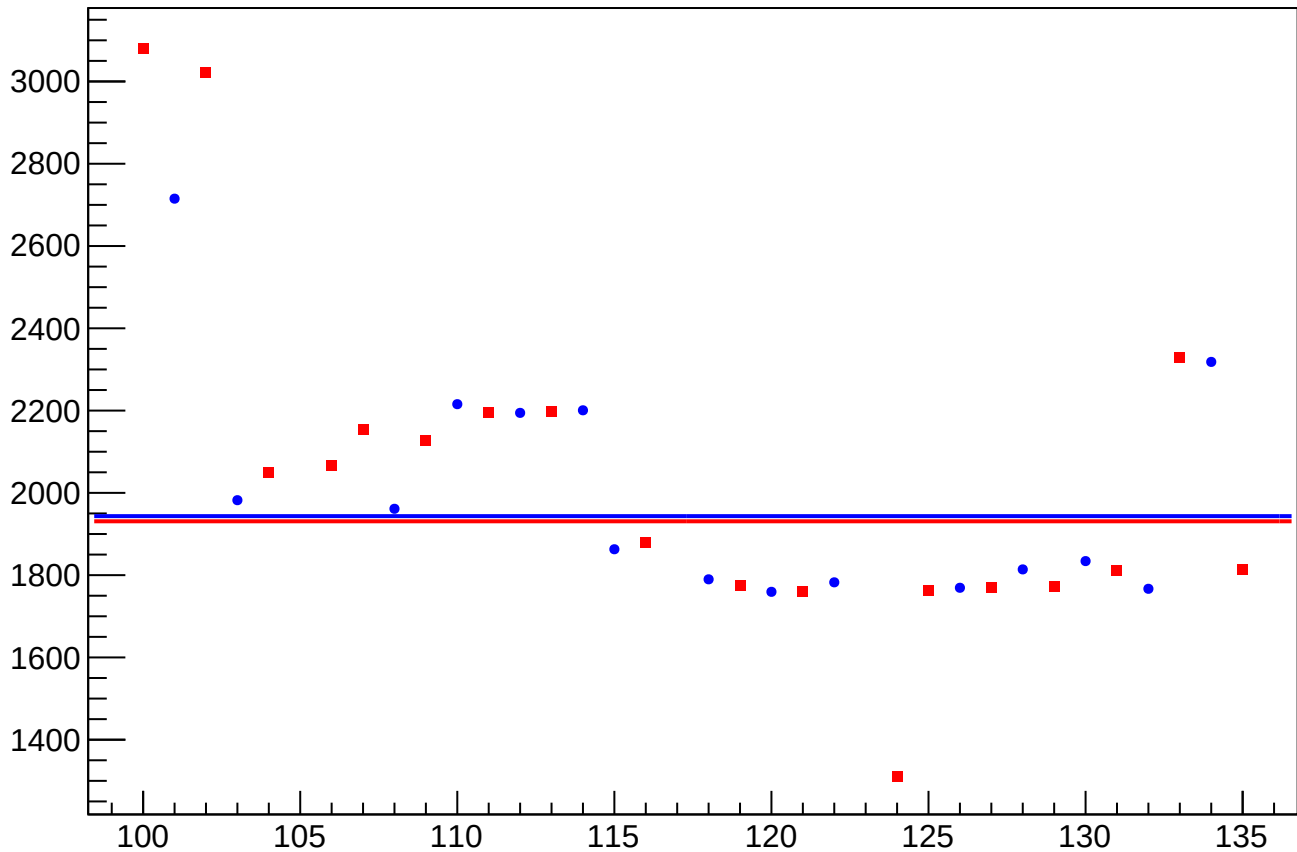
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 381.520+/-533.917 χ^2/NDF : 51.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_avg_rms vs Slug



Right In: 1943.442 $\pm$ 0.550 χ^2 /NDF: 201378.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1930.903 $\pm$ 0.519 χ^2 /NDF: 335602.2/17

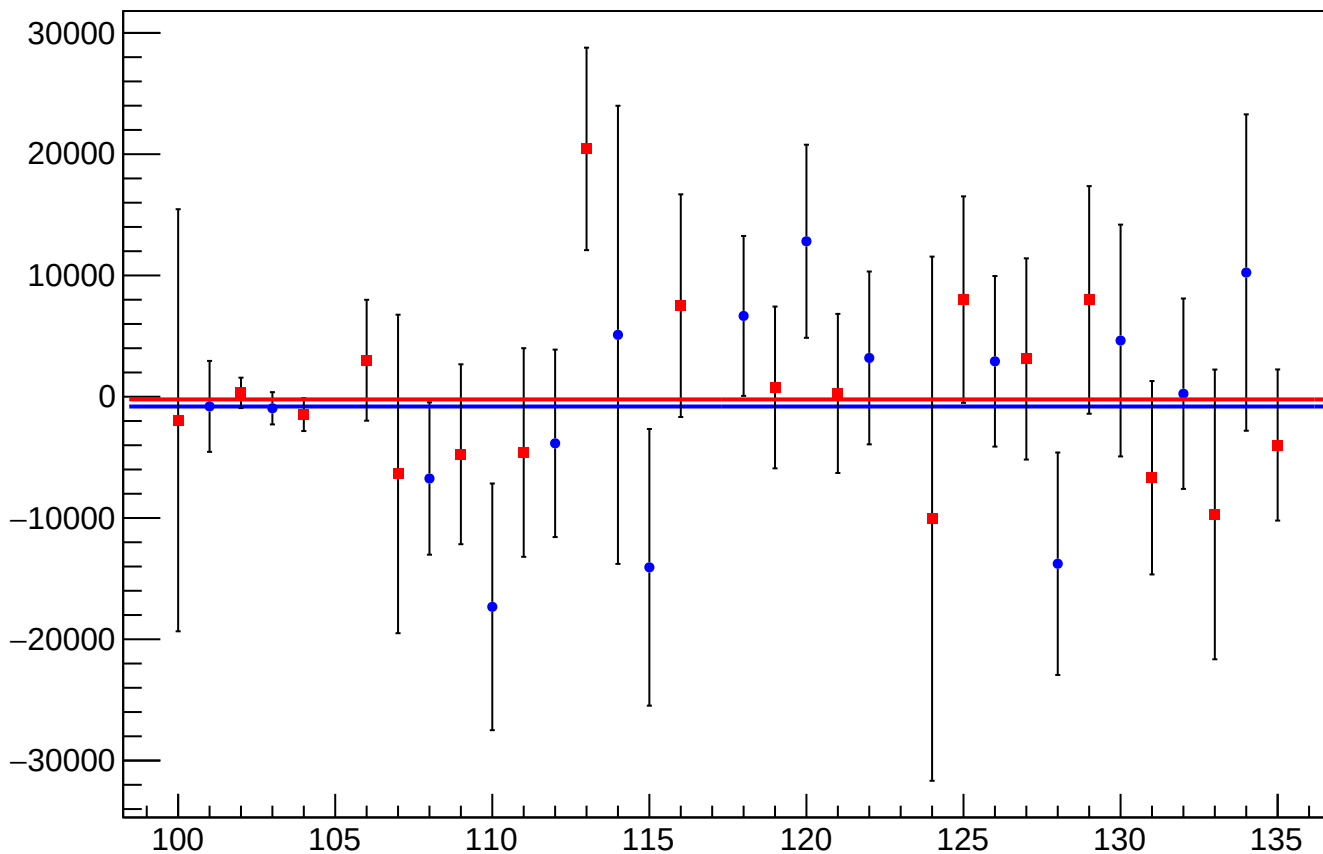
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1936.811 $\pm$ 0.377 χ^2 /NDF: 537256.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_eigen_dit_correction_mean vs Slug



Right In: -806.034+/-1102.979 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -219.794+/-838.780 χ^2/NDF : 12.9/17

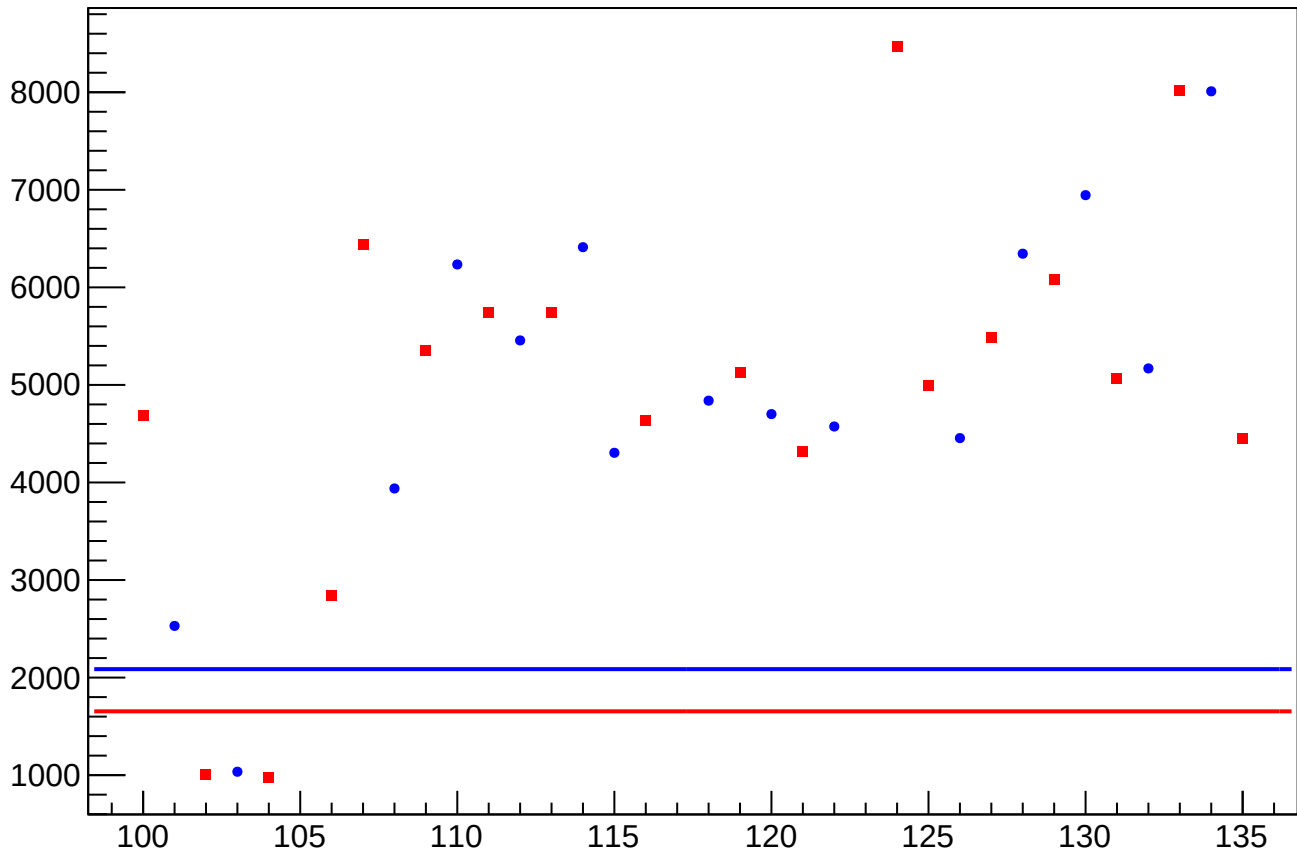
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -434.599+/-667.655 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_correction_rms vs Slug



Right In: 2086.490+/-0.780 χ^2/NDF : 5048334.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1654.039+/-0.593 χ^2/NDF : 6698451.9/17

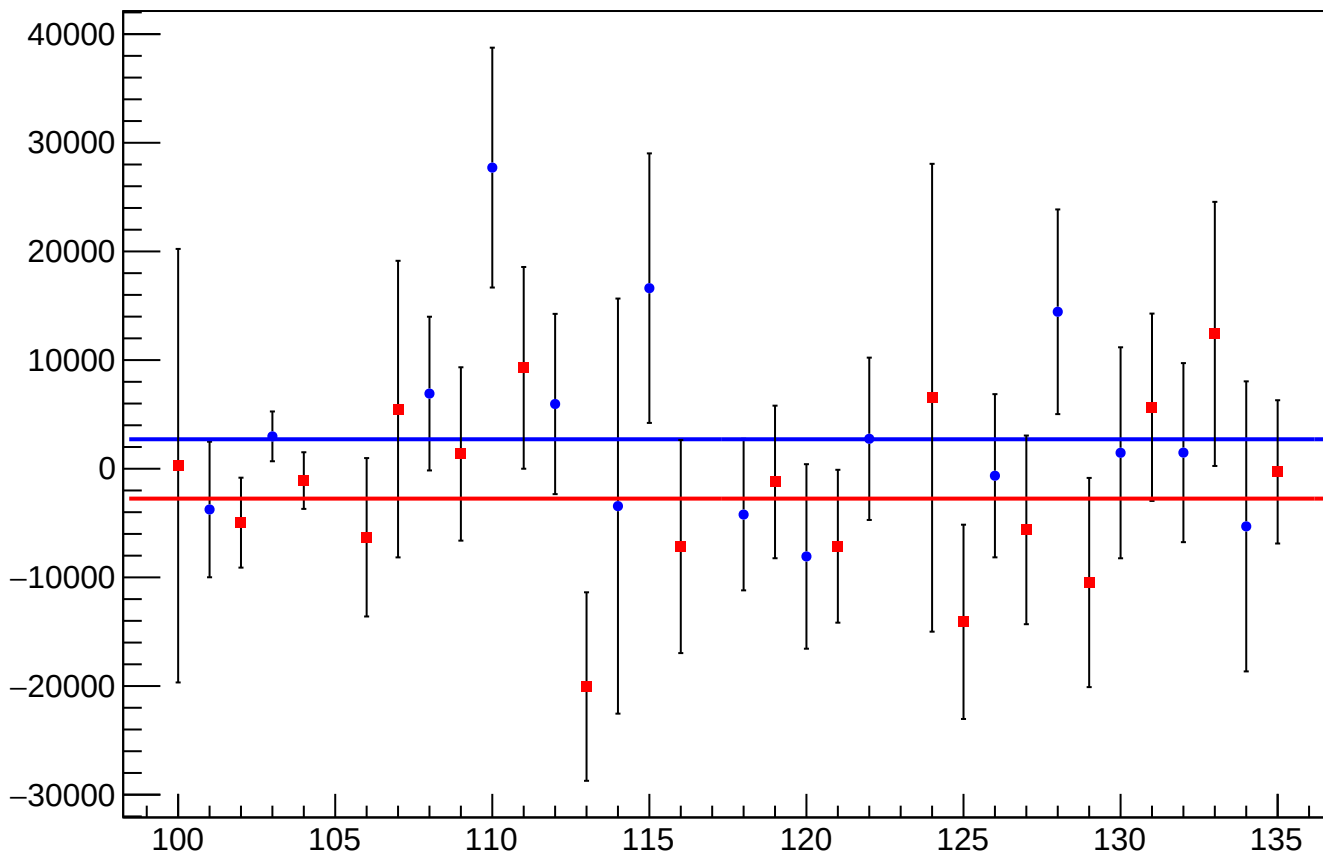
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1812.494+/-0.472 χ^2/NDF : 11941580.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_mean vs Slug



Right In: 2712.558 $\pm$ 1621.566 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2749.755 $\pm$ 1569.999 χ^2 /NDF: 13.1/17

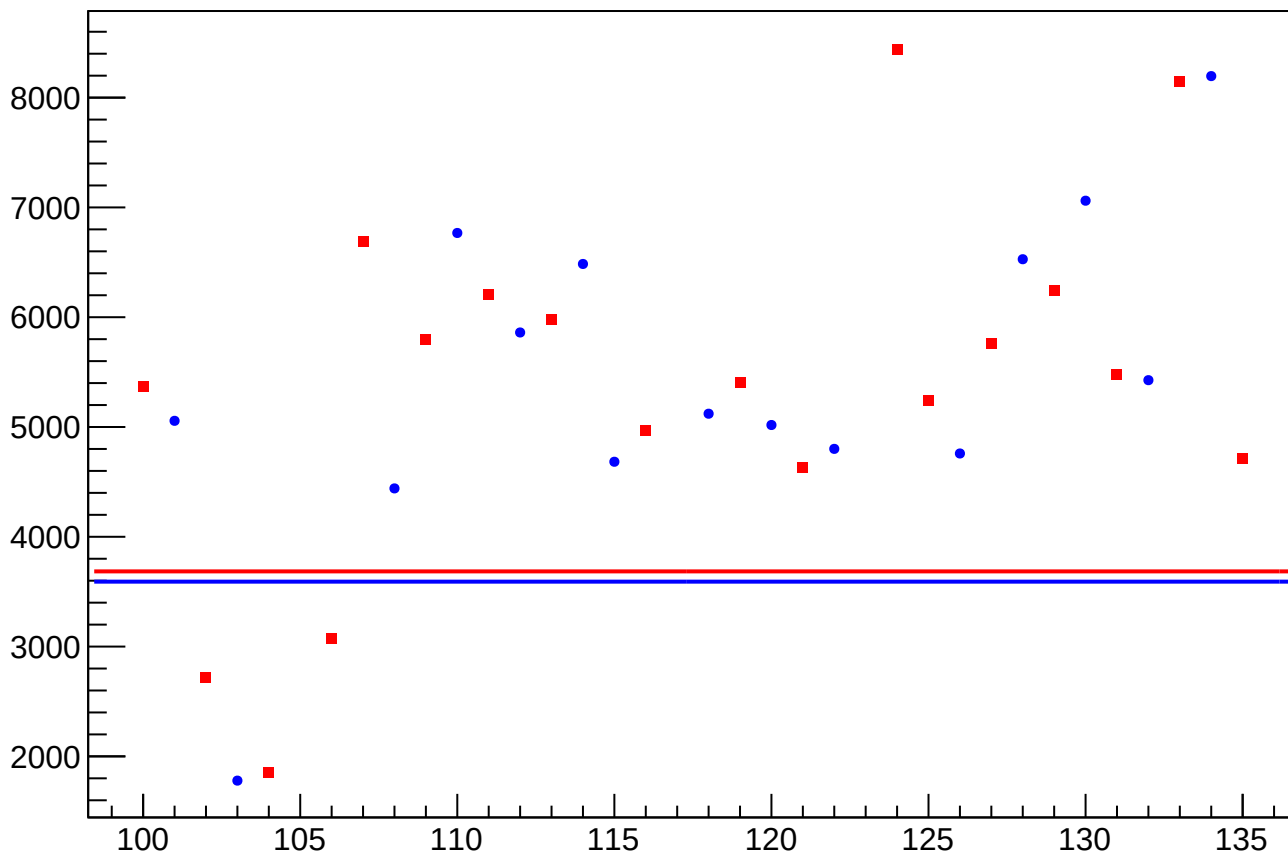
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -106.833 $\pm$ 1127.947 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_rms vs Slug



Right In: 3591.433+/-1.147 χ^2/NDF : 2806639.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

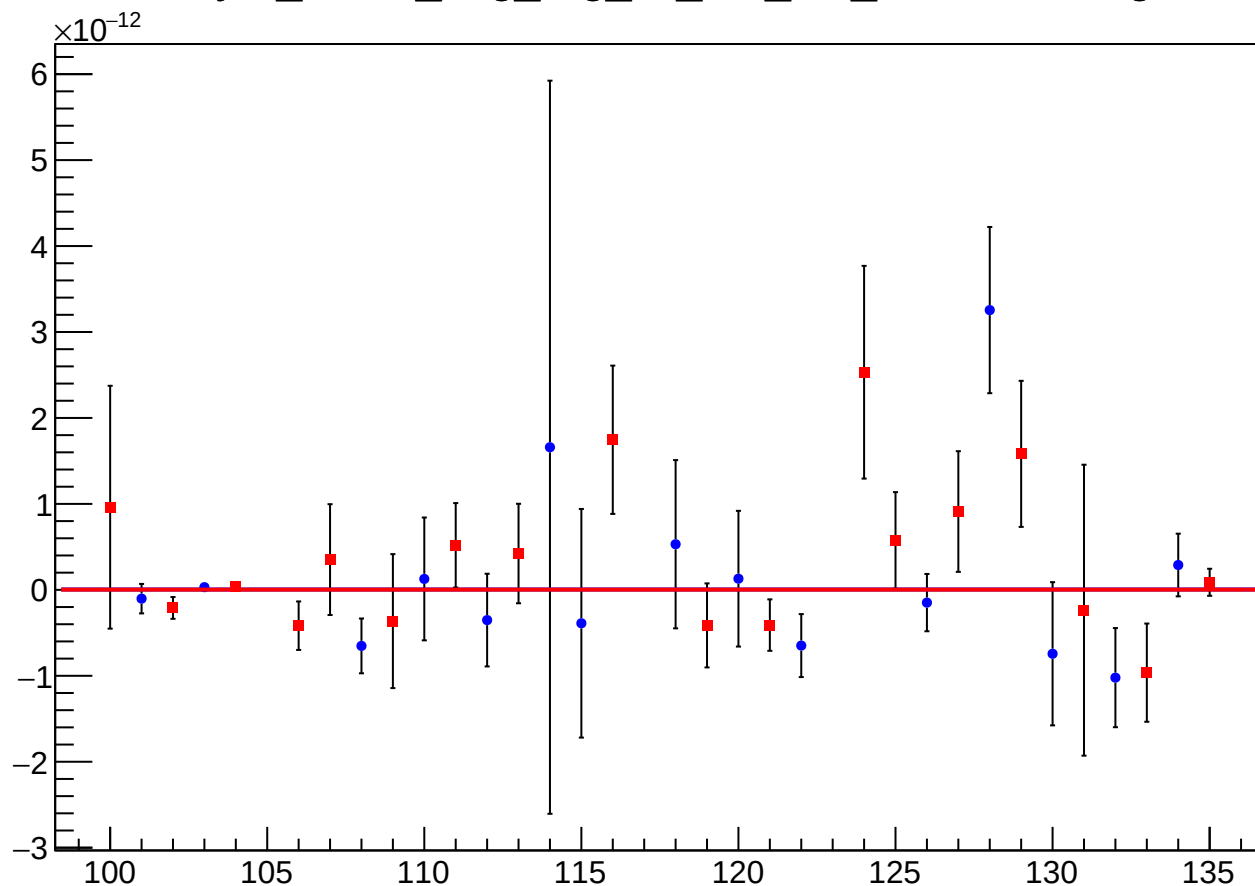
Right Out: 3684.860+/-1.099 χ^2/NDF : 2667724.6/17

All: 3640.135+/-0.793 χ^2/NDF : 5477825.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.2/17

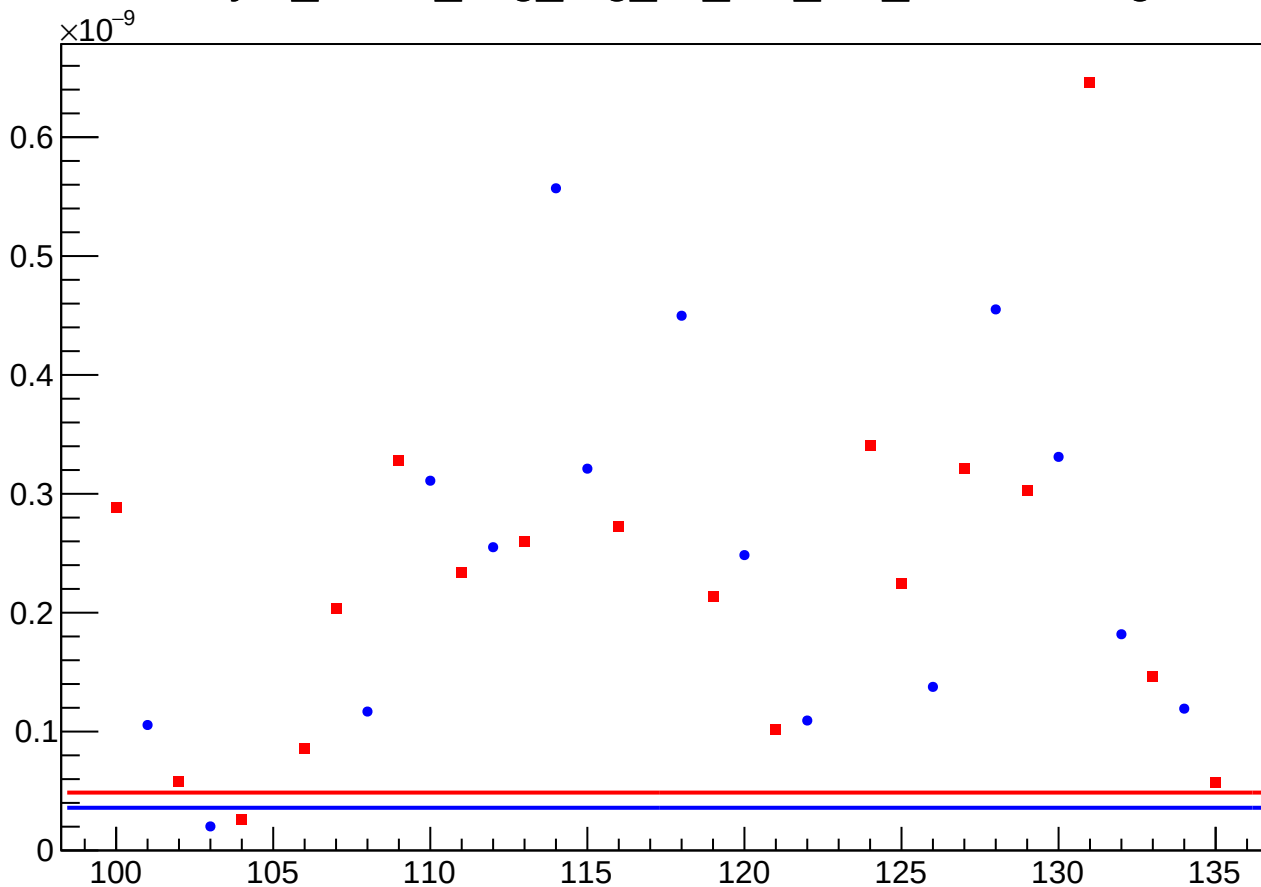
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 53.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 3112642.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2894363.6/17

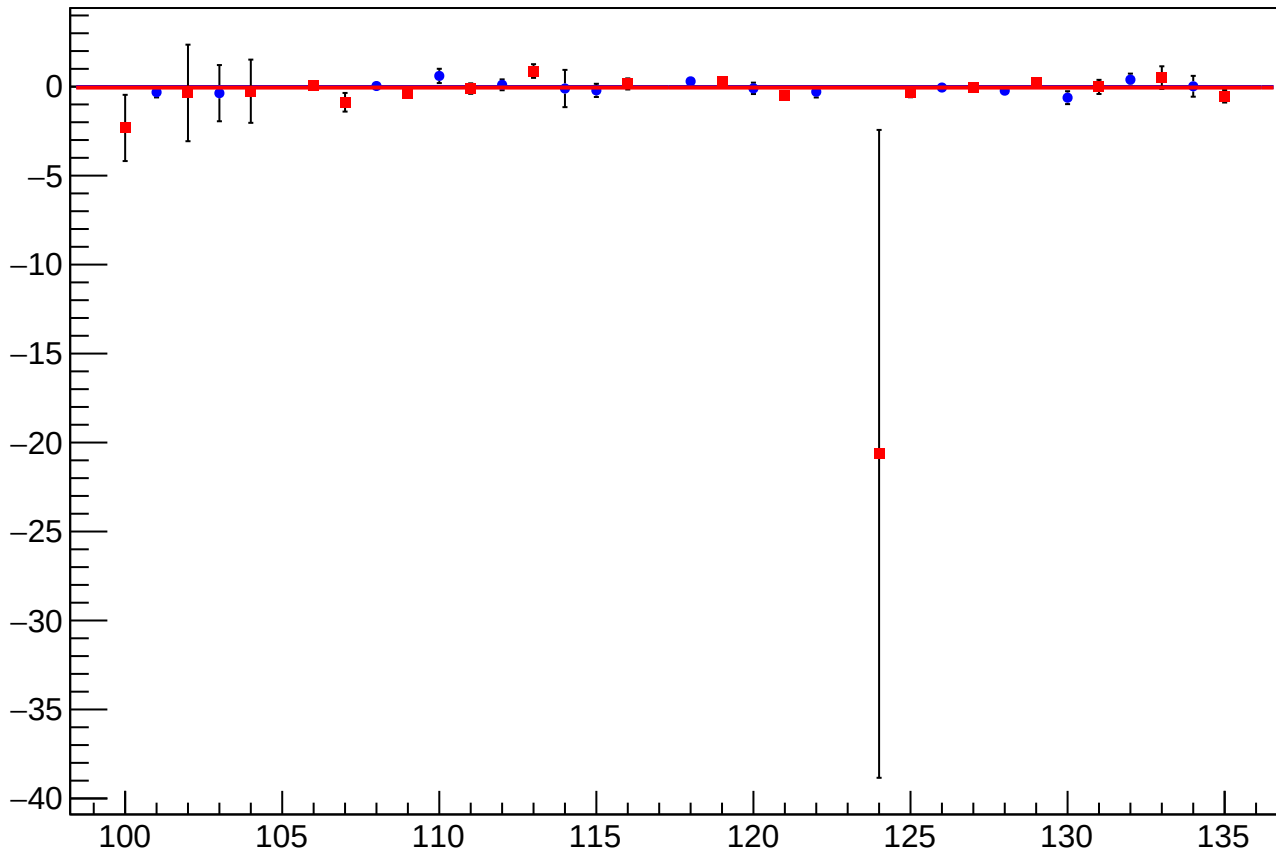
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6096807.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.084 χ^2 /NDF: 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.052 $\pm$ 0.080 χ^2 /NDF: 23.0/17

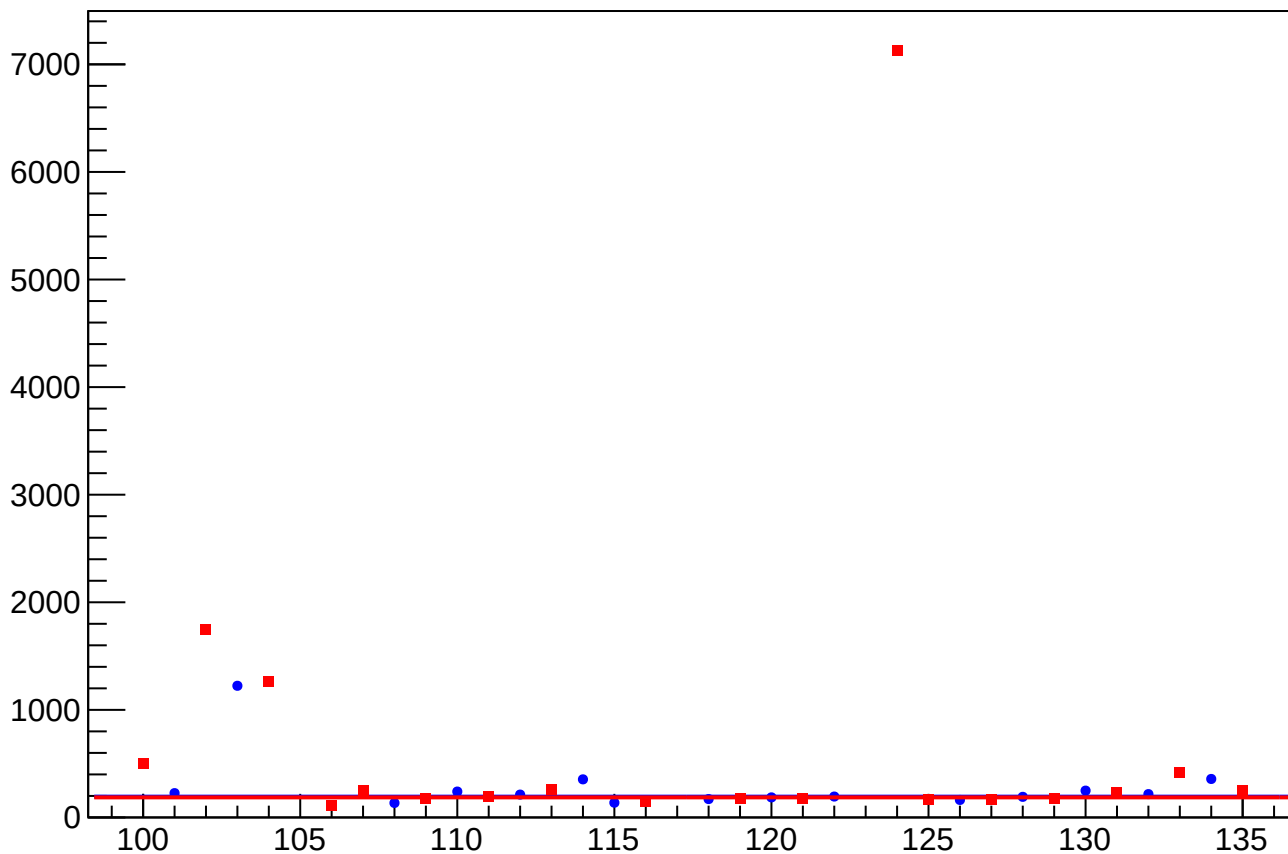
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.037 $\pm$ 0.058 χ^2 /NDF: 34.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.609+/-0.057 χ^2/NDF : 2478651.3/17

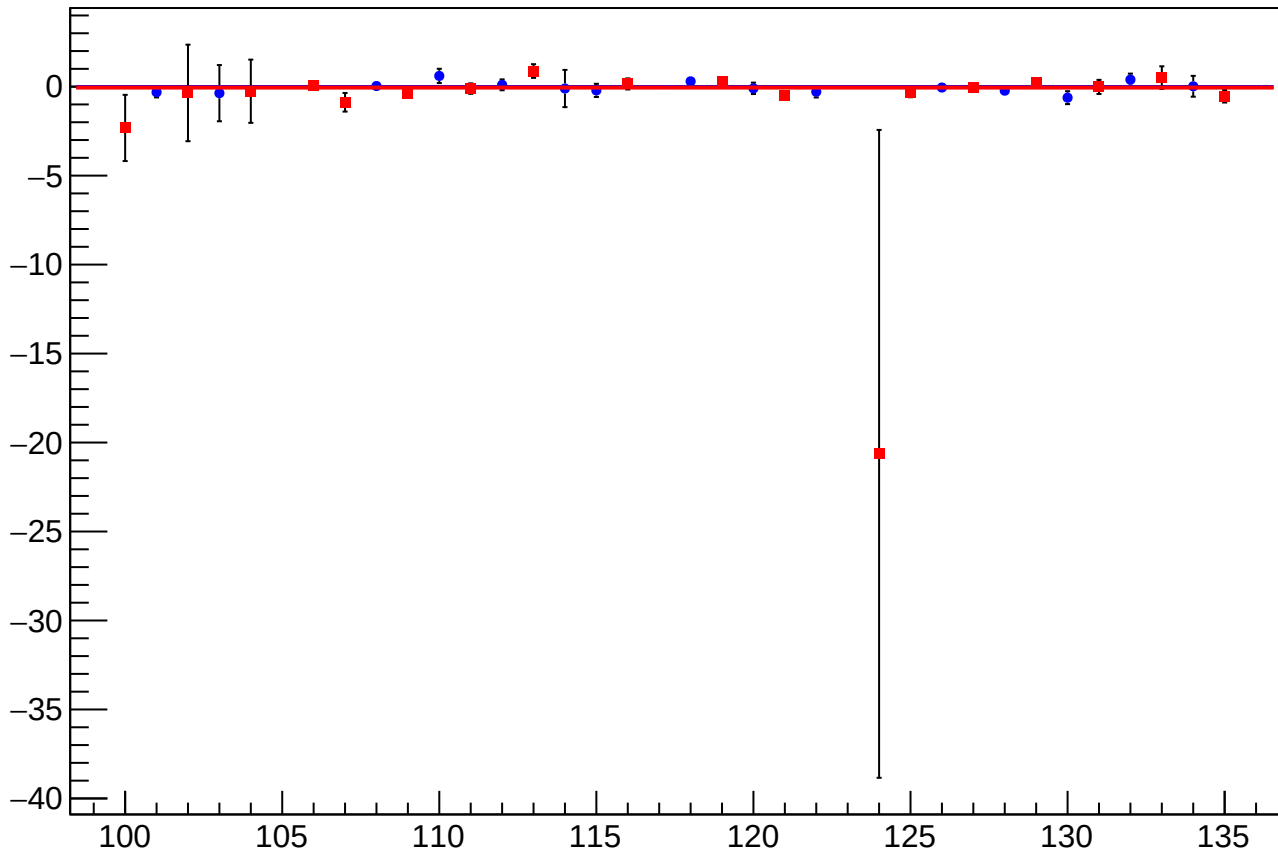
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.823+/-0.041 χ^2/NDF : 3893719.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.052 ± 0.080 χ^2/NDF : 23.0/17

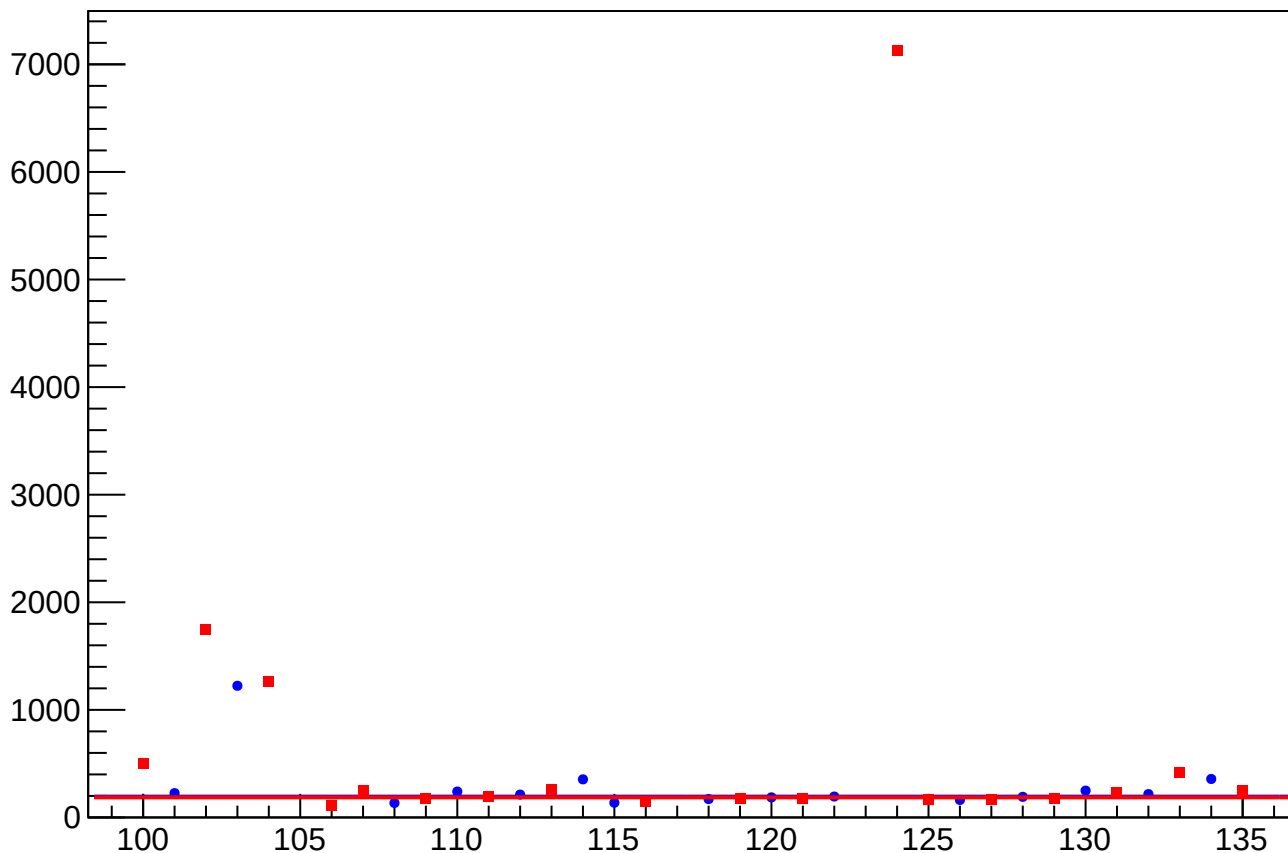
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.058 χ^2/NDF : 34.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 193.321+/-0.059 χ^2/NDF : 1408386.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.609+/-0.057 χ^2/NDF : 2478651.3/17

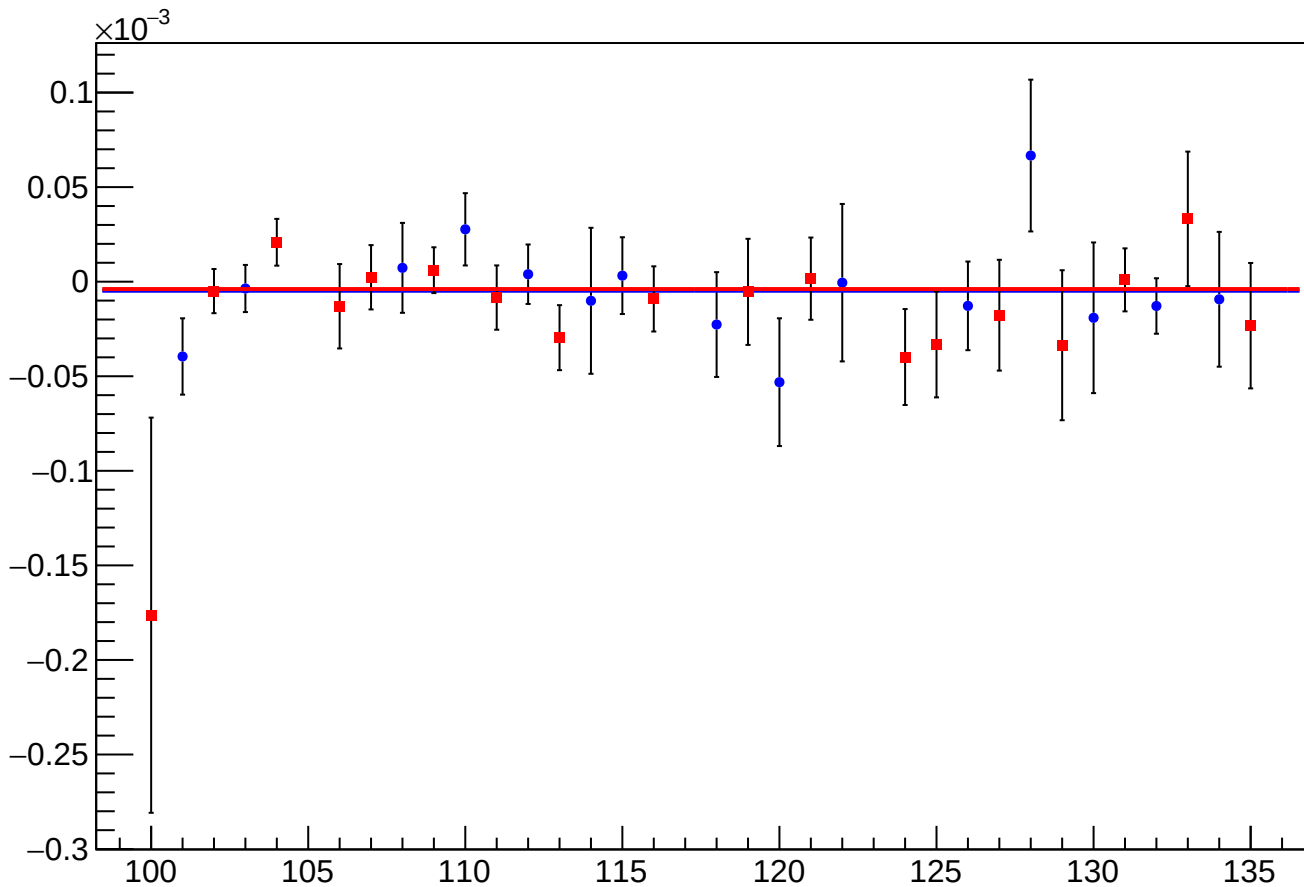
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.823+/-0.041 χ^2/NDF : 3893719.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.6/17

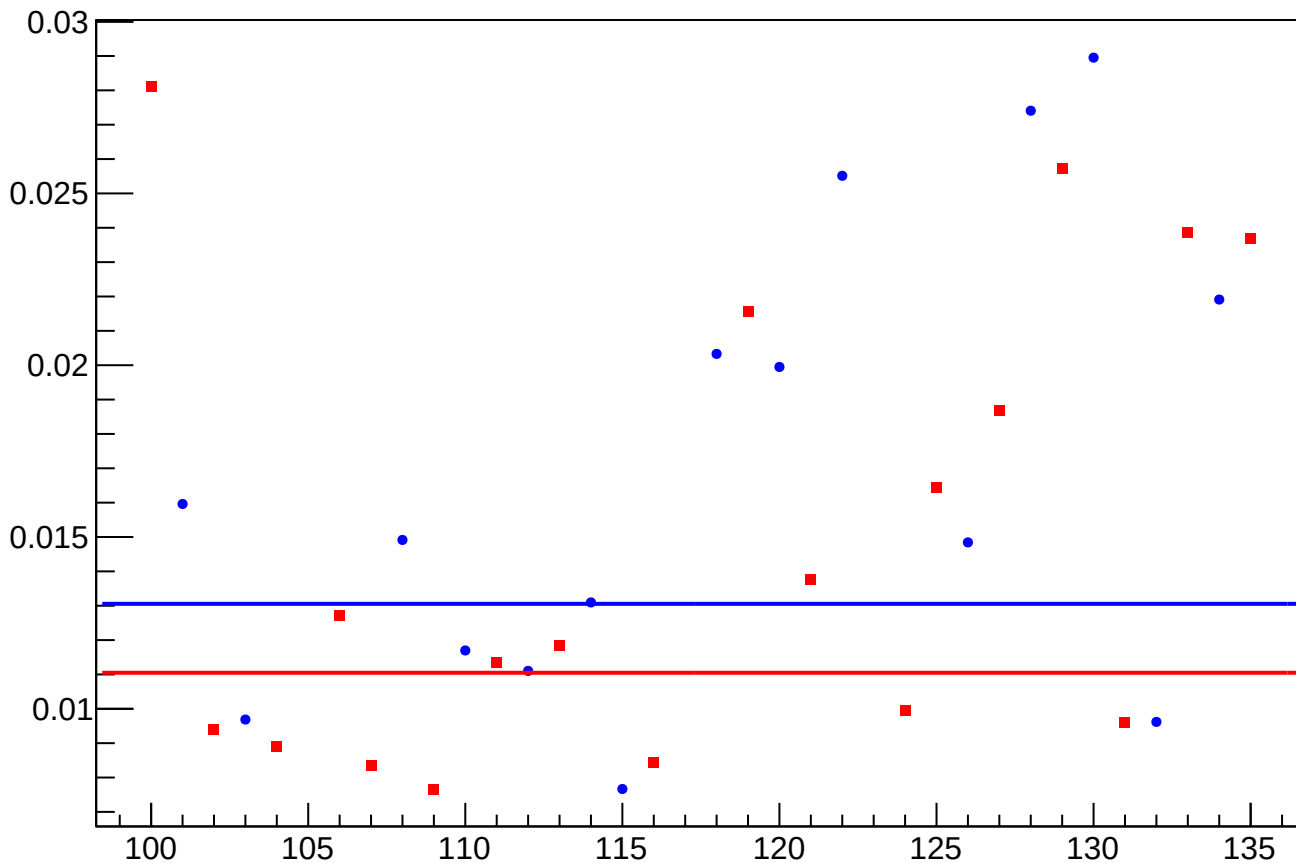
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1601160.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 1788612.0/17

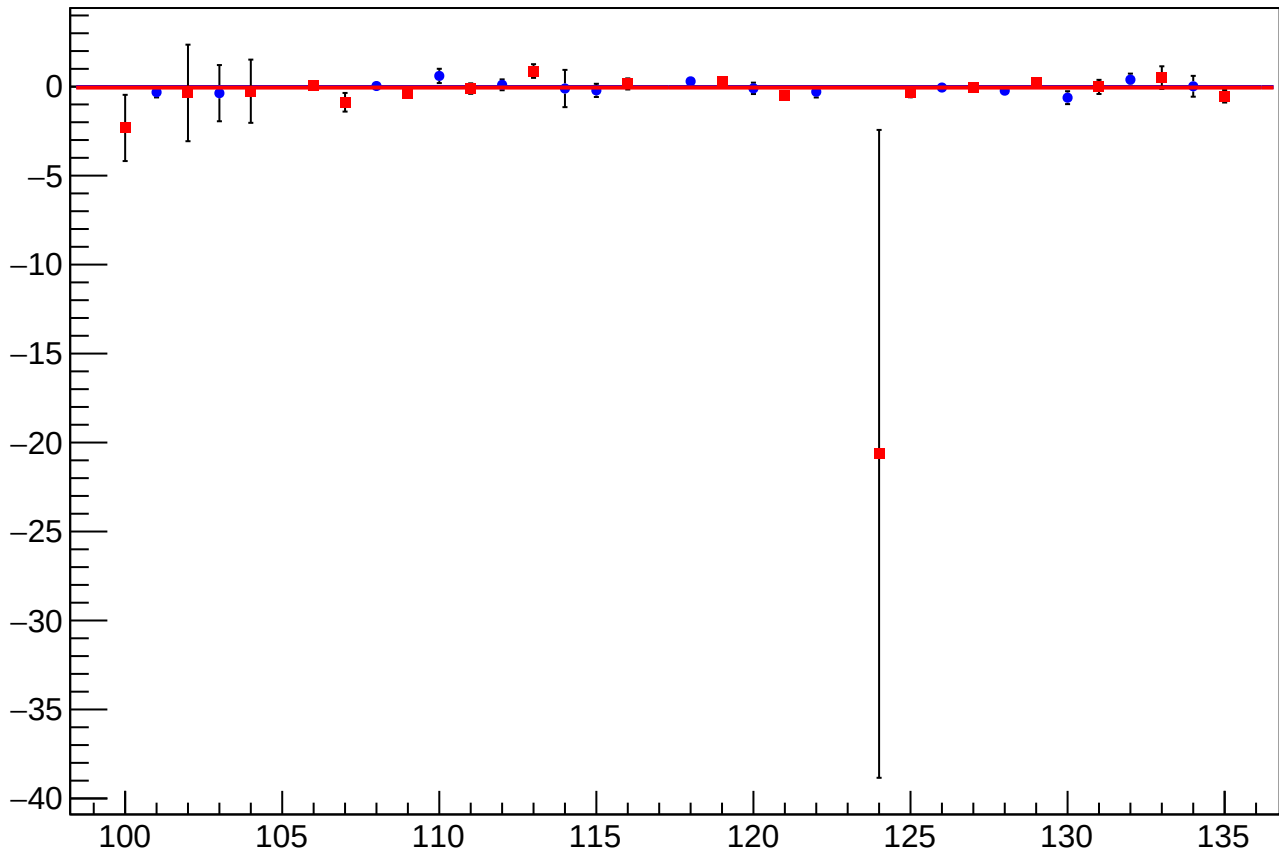
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 3545898.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.052 $\pm$ 0.080 χ^2/NDF : 23.0/17

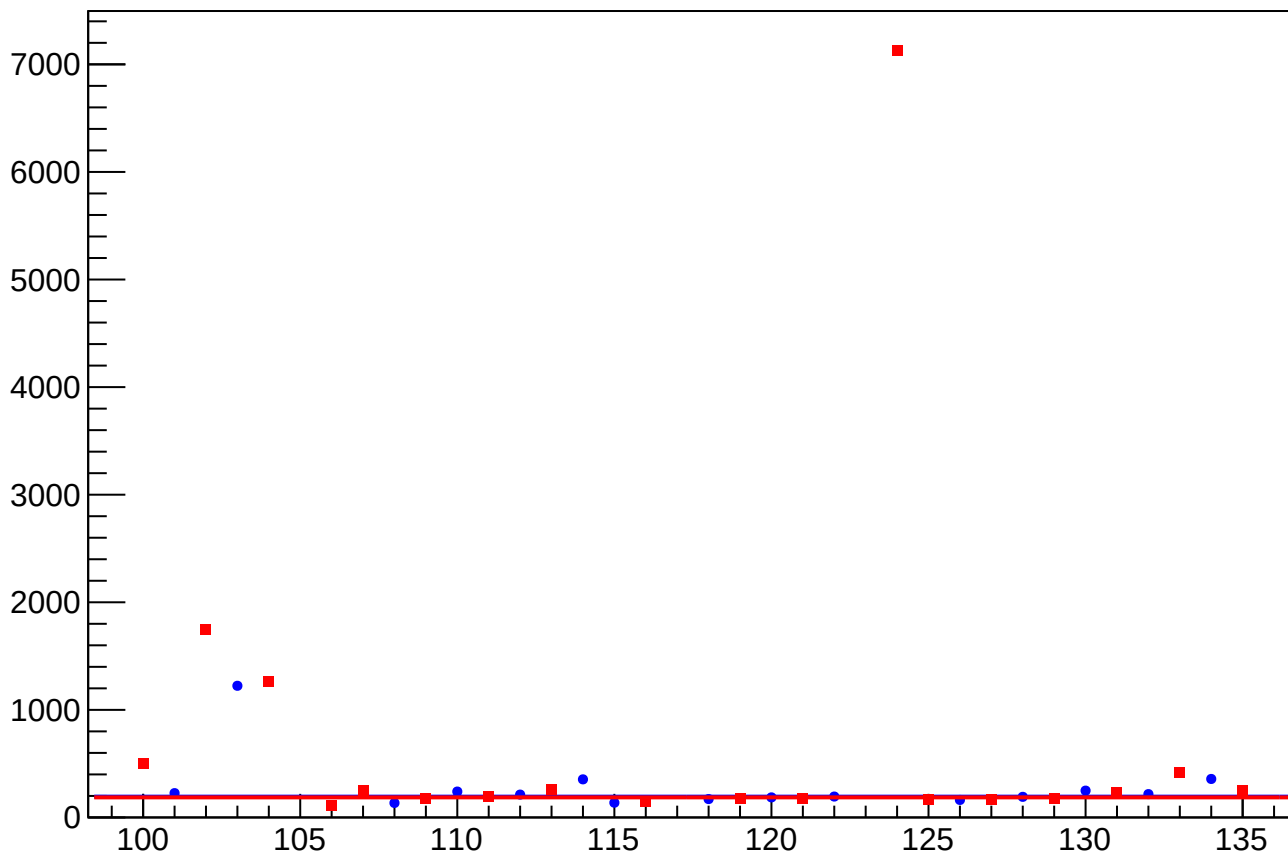
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.037 $\pm$ 0.058 χ^2/NDF : 34.4/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.607+/-0.057 χ^2/NDF : 2478681.9/17

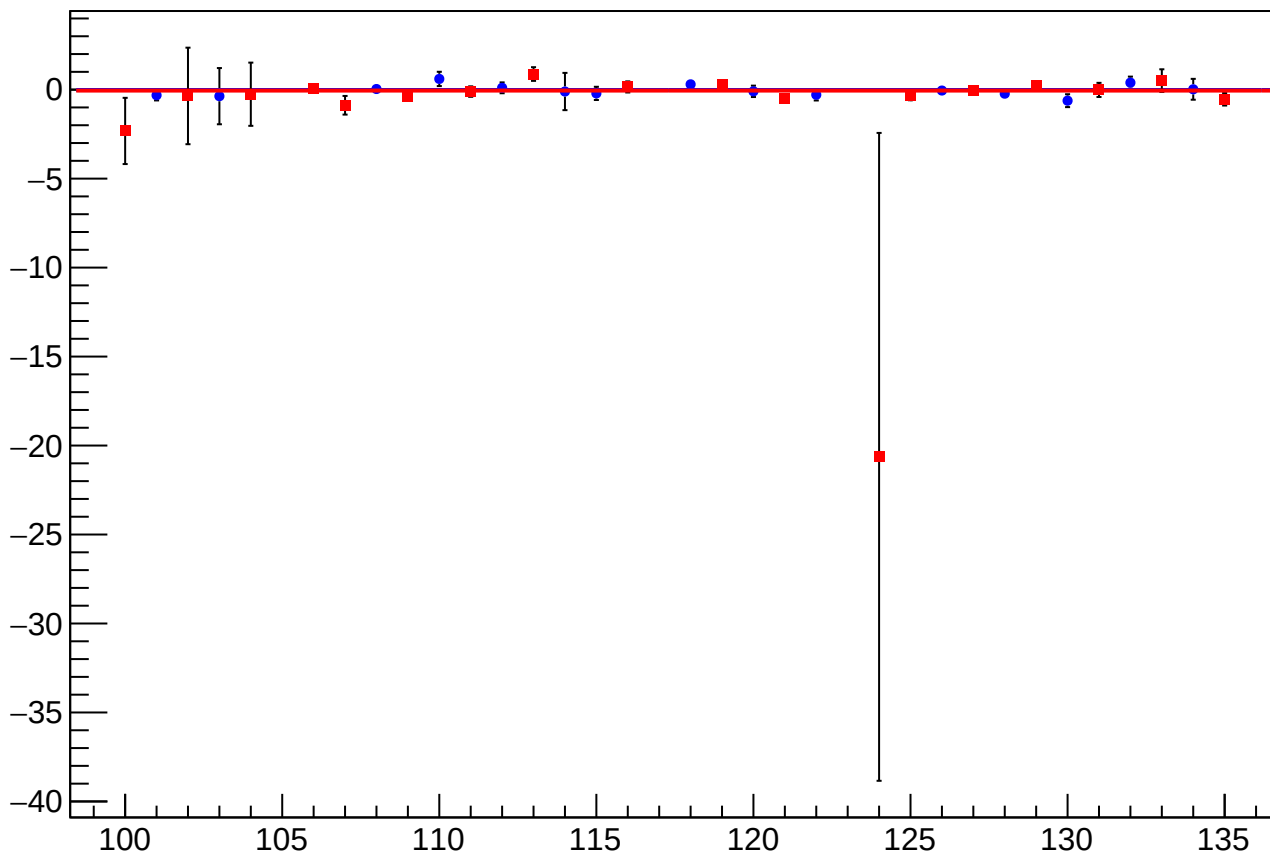
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.820+/-0.041 χ^2/NDF : 3893744.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 ± 0.084 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.052 ± 0.080 χ^2/NDF : 23.0/17

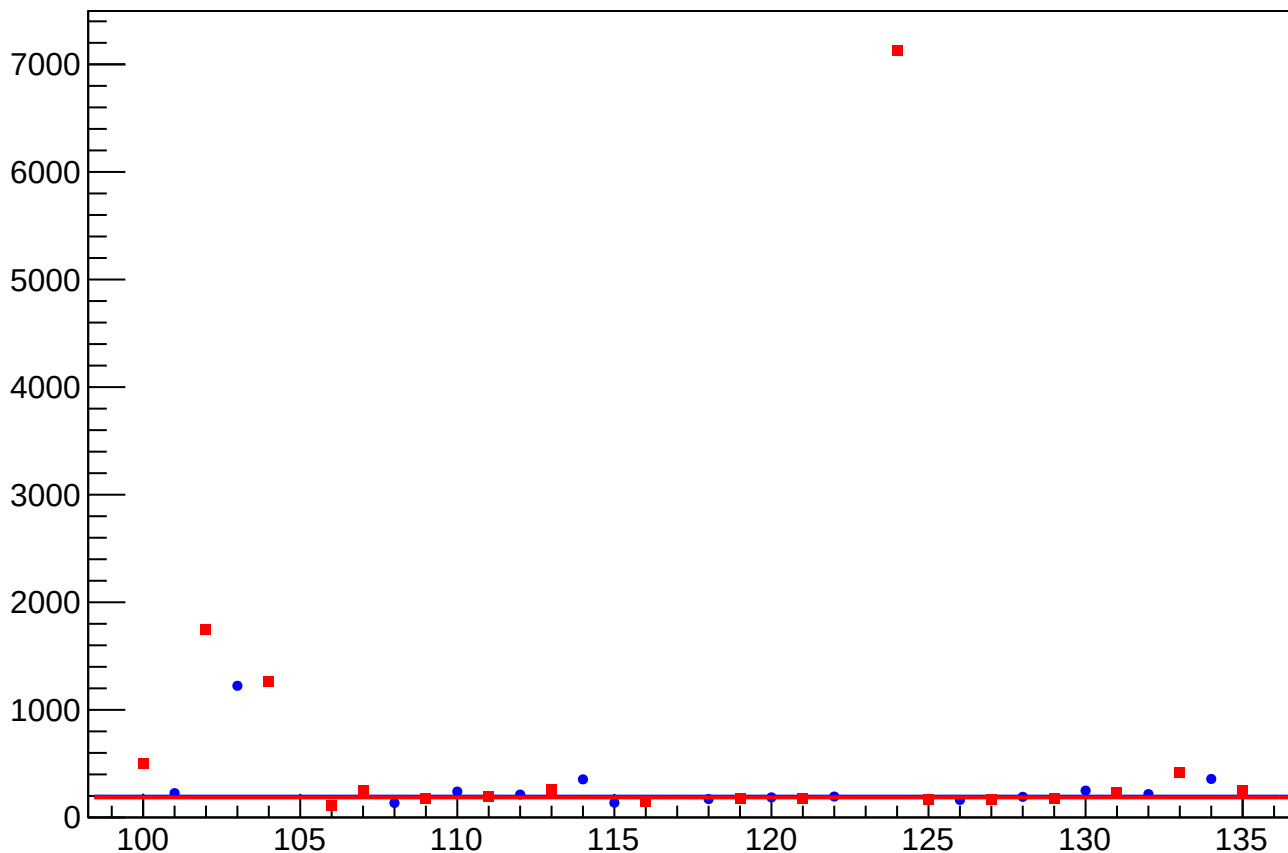
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.037 ± 0.058 χ^2/NDF : 34.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 193.318+/-0.059 χ^2/NDF : 1408380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 186.607+/-0.057 χ^2/NDF : 2478681.9/17

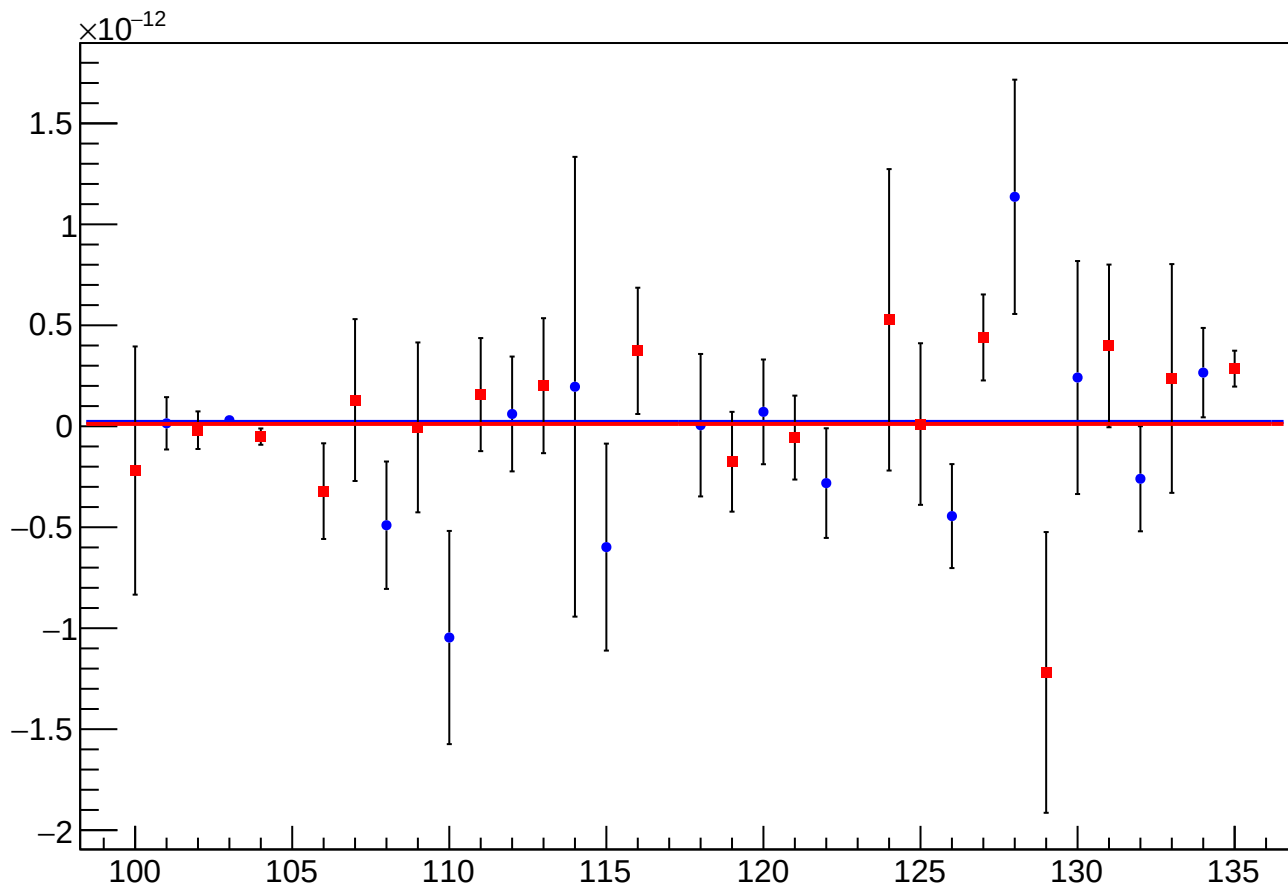
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 189.820+/-0.041 χ^2/NDF : 3893744.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 19.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 25.6/17

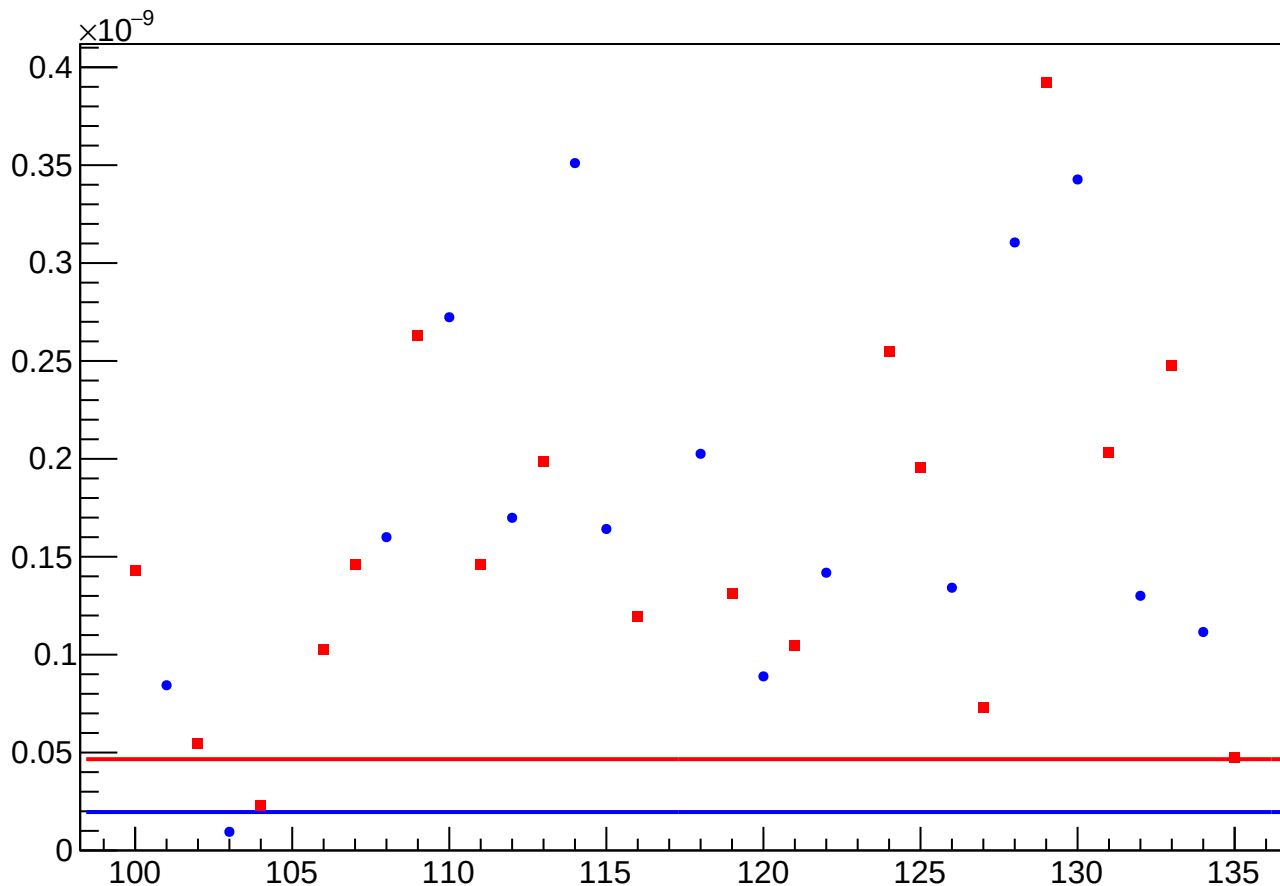
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 44.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5964883.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4181921.5/17

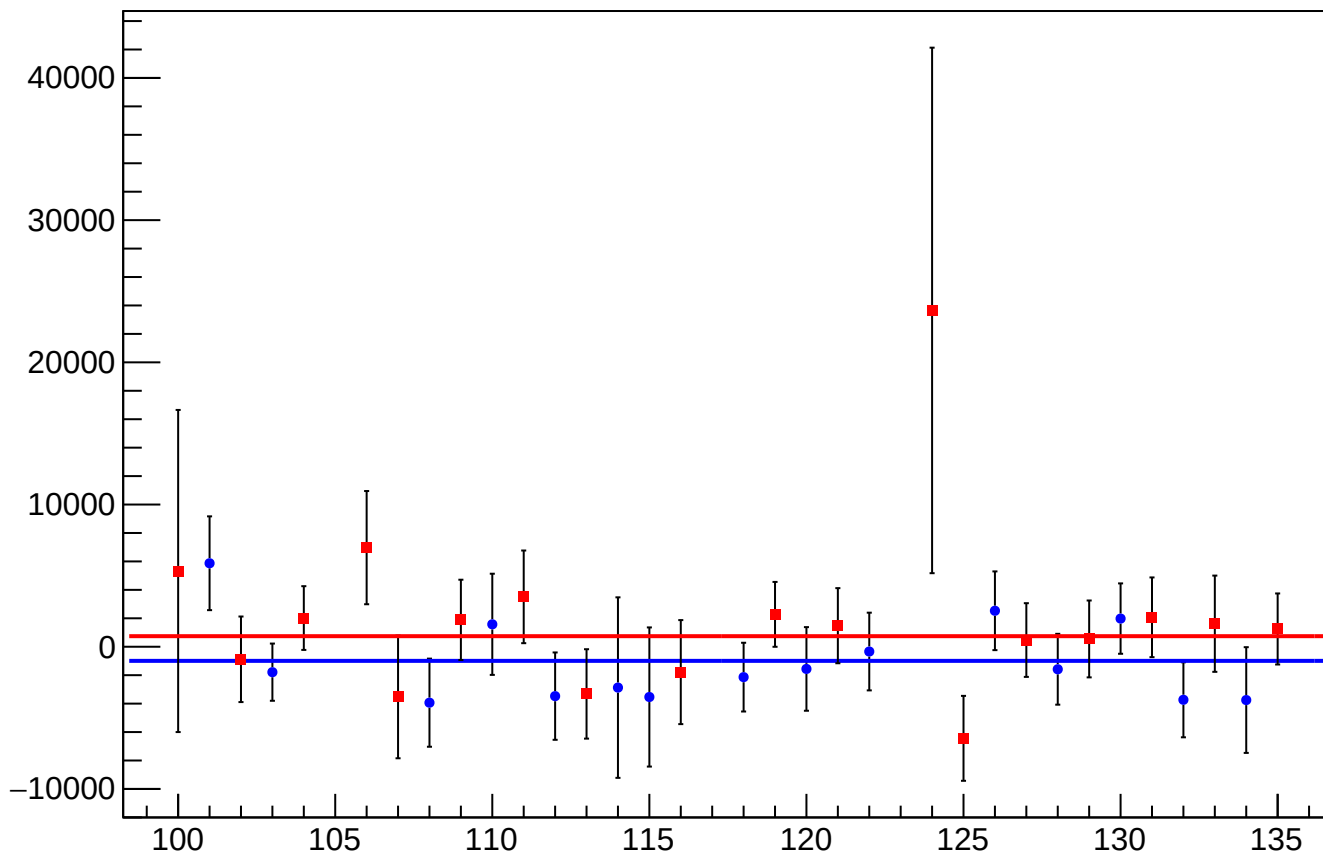
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11146830.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_mean vs Slug



Right In: -993.300 +/- 748.149 χ^2/NDF : 12.0/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 742.784 +/- 717.760 χ^2/NDF : 15.4/17

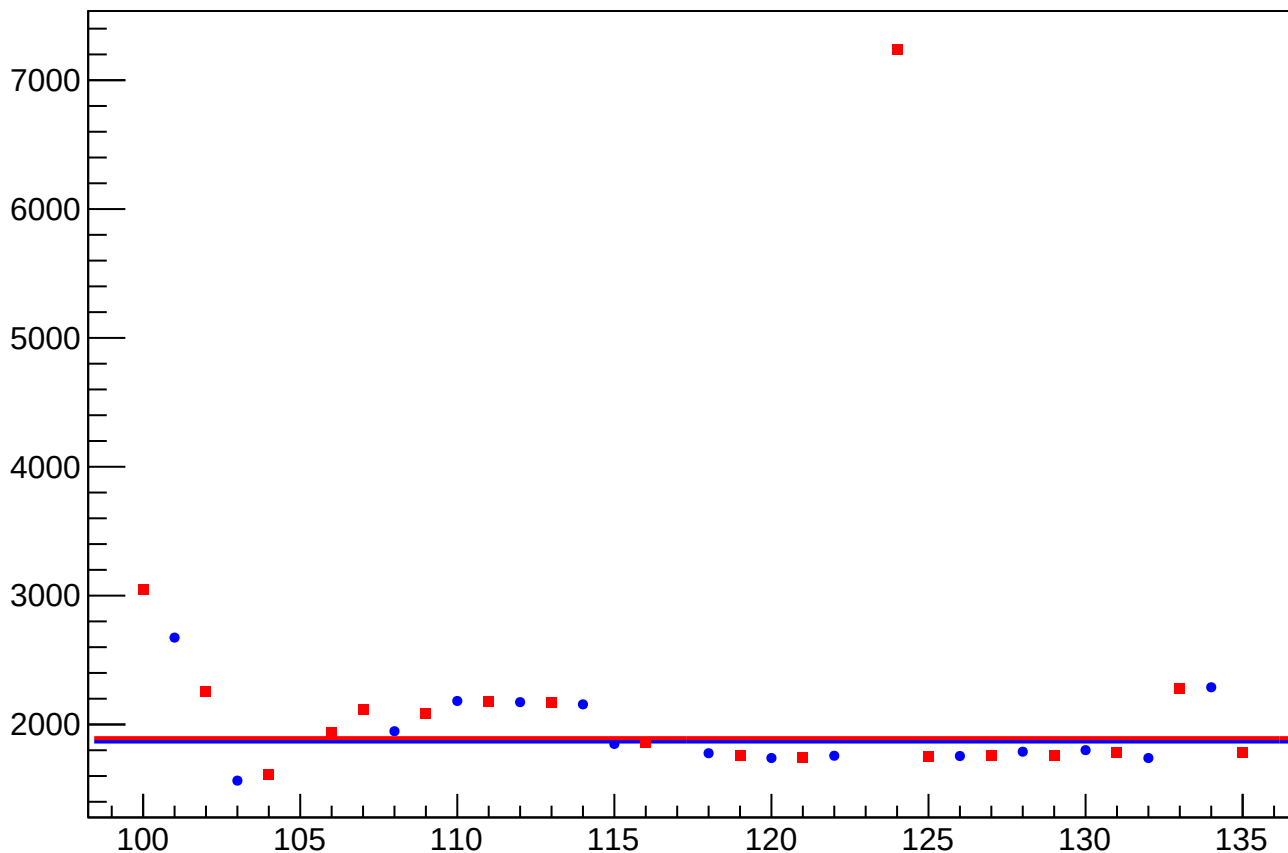
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: -89.284 +/- 517.943 χ^2/NDF : 30.2/32

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_rms vs Slug



Right In: 1867.628+/-0.529 χ^2/NDF : 253037.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1893.988+/-0.506 χ^2/NDF : 356519.0/17

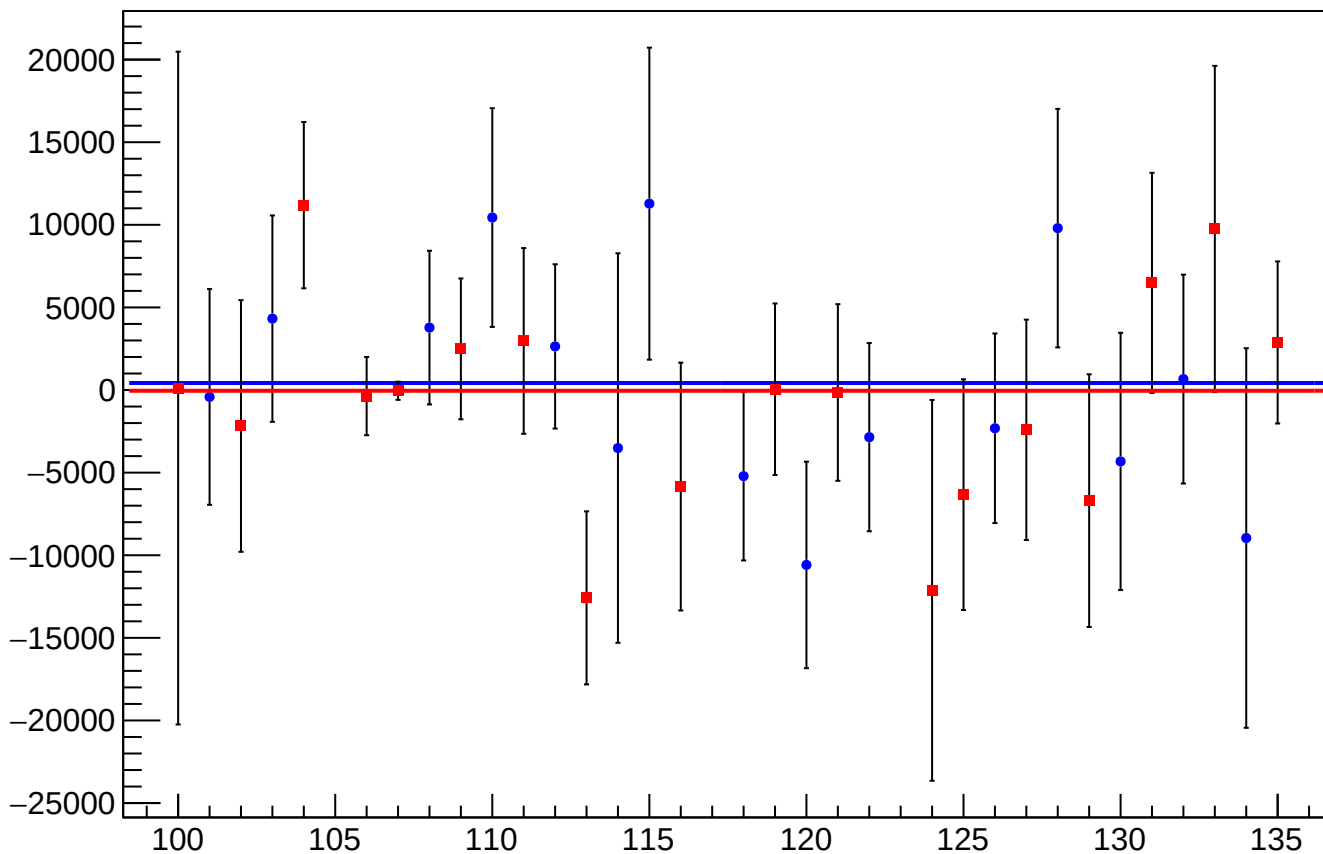
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.386+/-0.366 χ^2/NDF : 610852.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_mean vs Slug



Right In: 426.066+/-1642.875 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -42.910+/-506.800 χ^2/NDF : 17.1/17

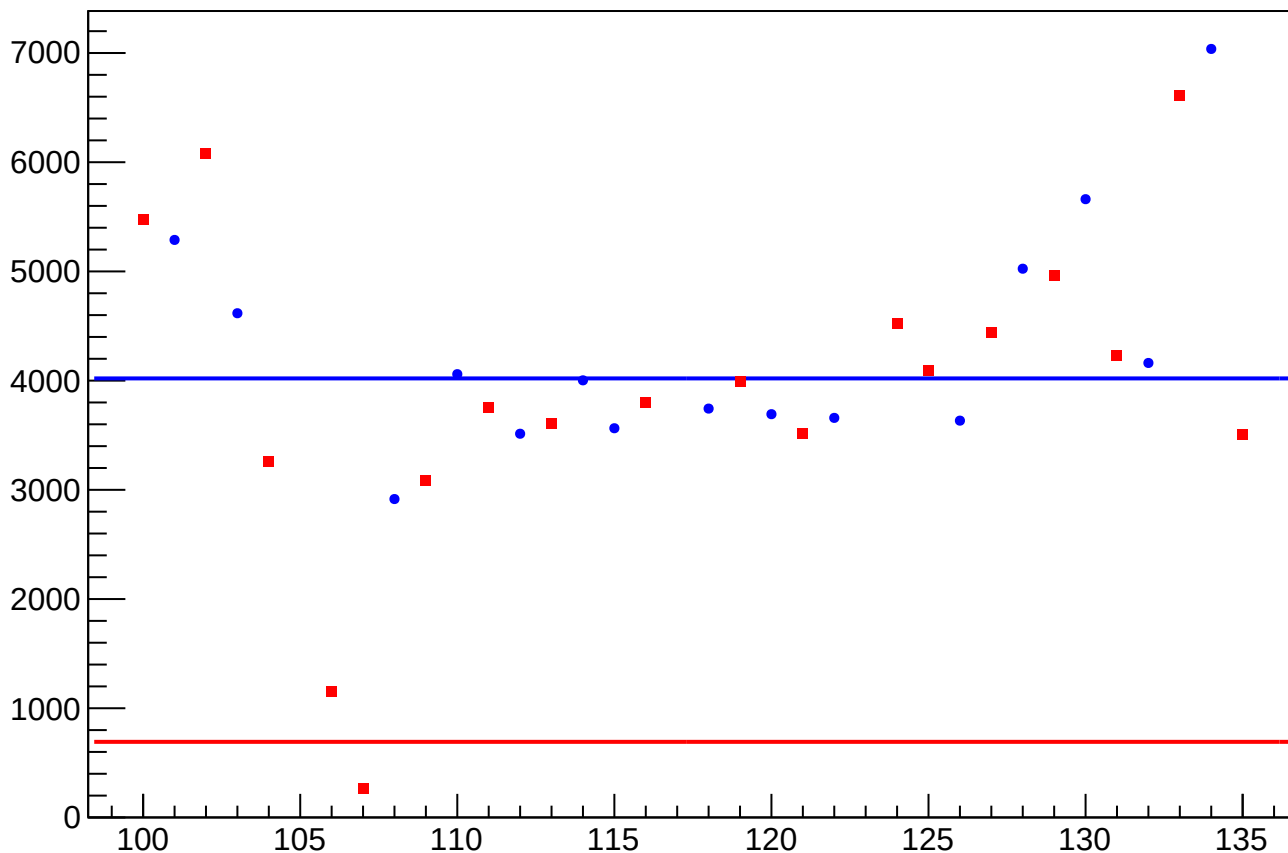
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.160+/-484.281 χ^2/NDF : 29.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_reg_correction_rms vs Slug



Right In: 4020.260+/-1.162 χ^2/NDF : 527063.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

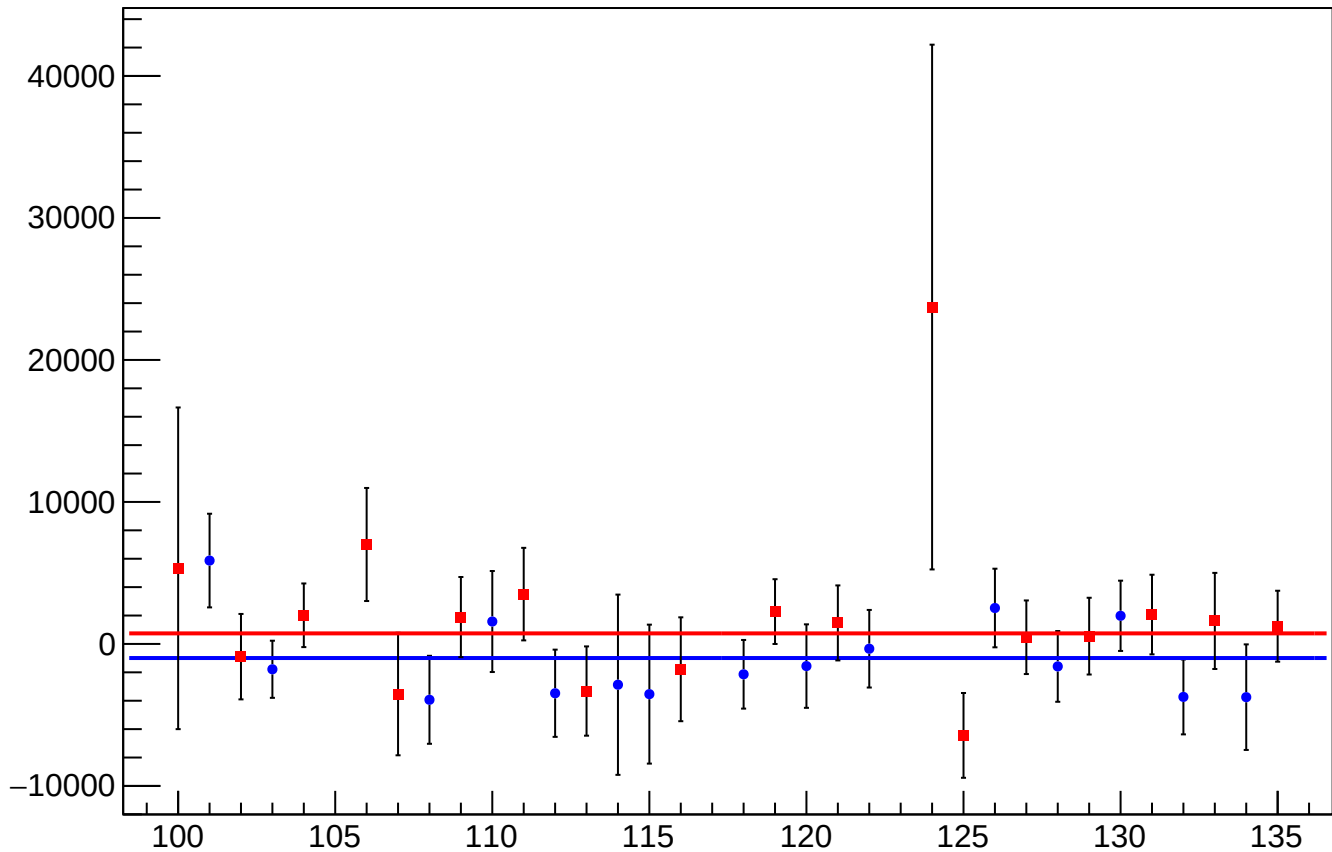
Right Out: 692.379+/-0.358 χ^2/NDF : 10361329.7/17

All: 981.549+/-0.342 χ^2/NDF : 18381784.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_mean vs Slug



Right In: -992.790+/-748.149 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 743.174+/-717.762 χ^2/NDF : 15.5/17

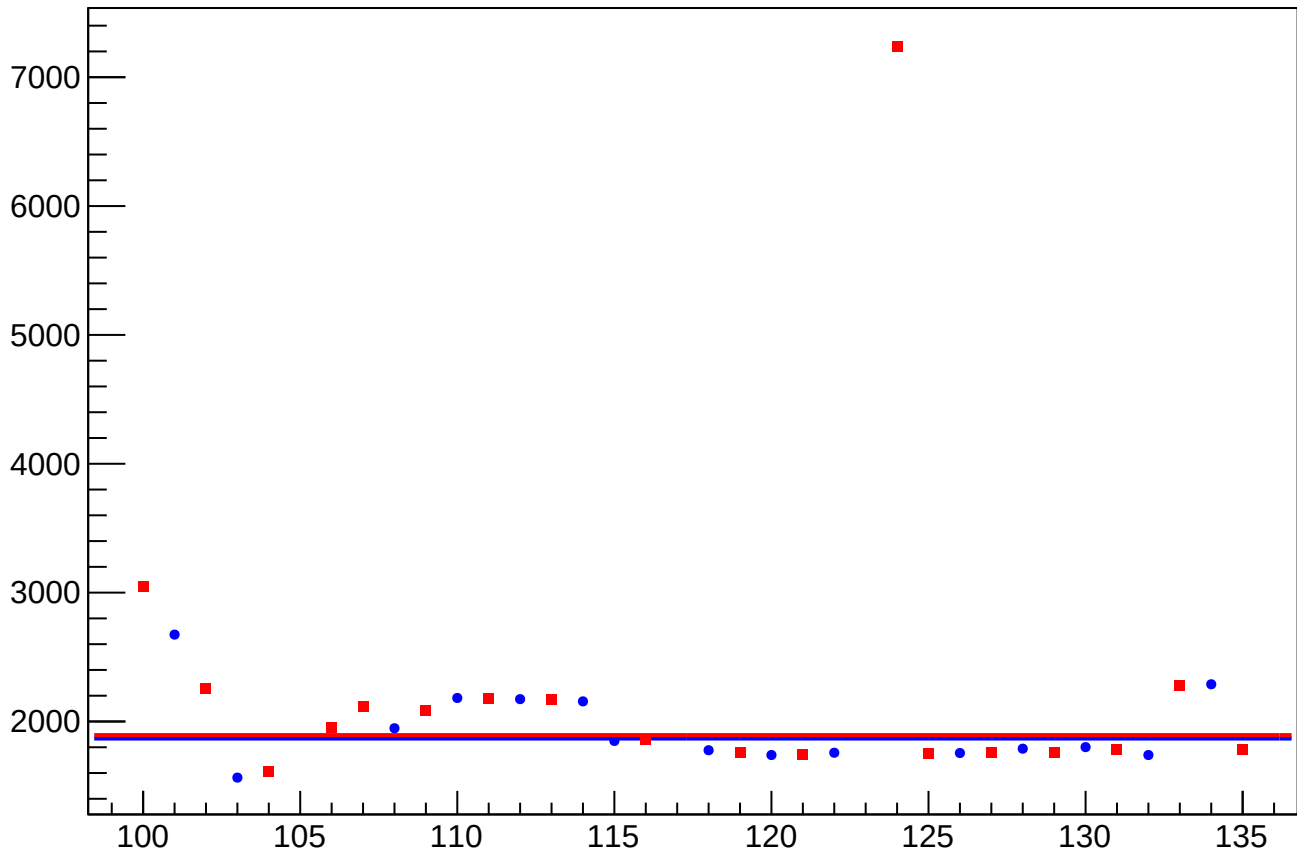
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.838+/-517.944 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_rms vs Slug



Right In: 1867.629+/-0.529 χ^2/NDF : 253036.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.464+/-0.506 χ^2/NDF : 356722.1/17

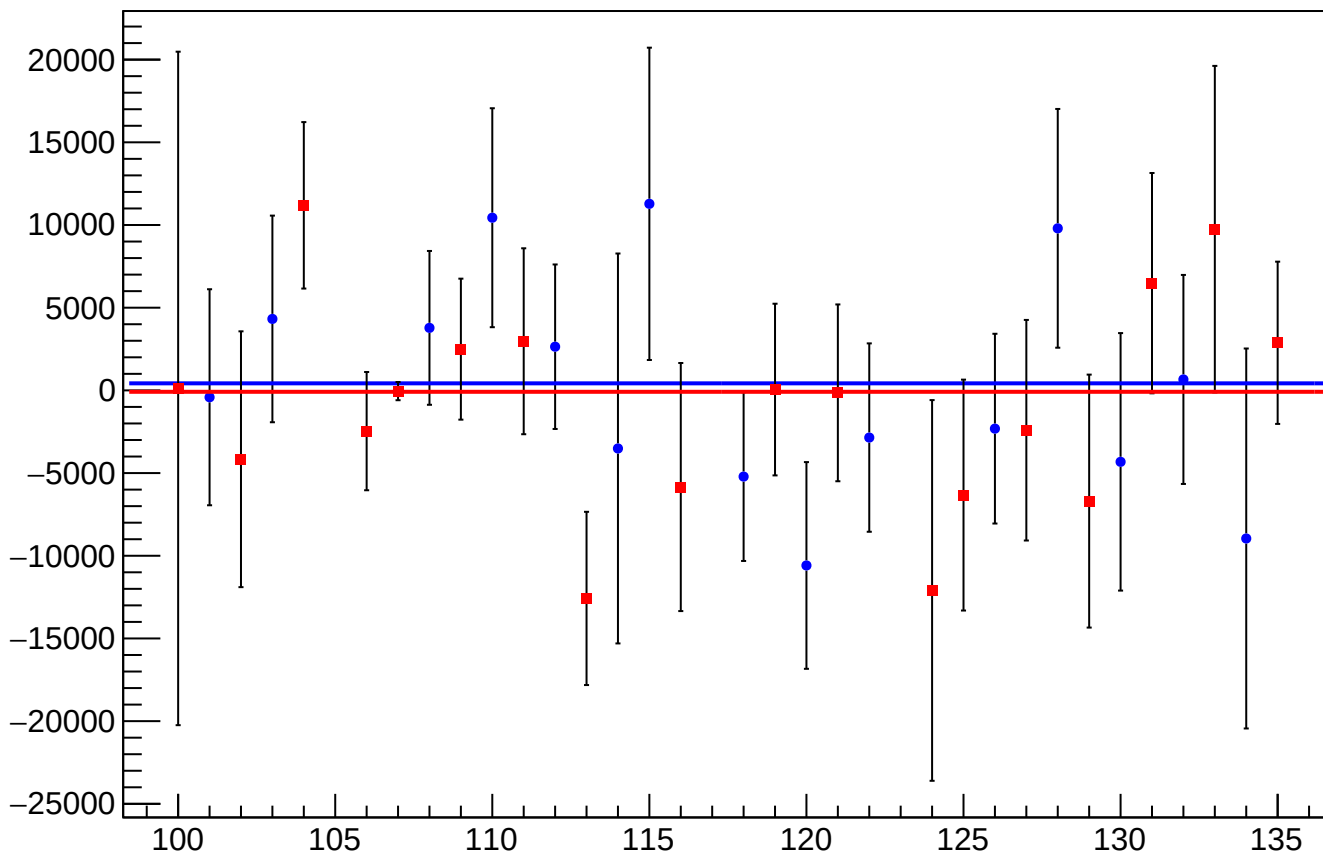
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.631+/-0.366 χ^2/NDF : 611101.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_mean vs Slug



Right In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.551+/-513.440 χ^2/NDF : 17.8/17

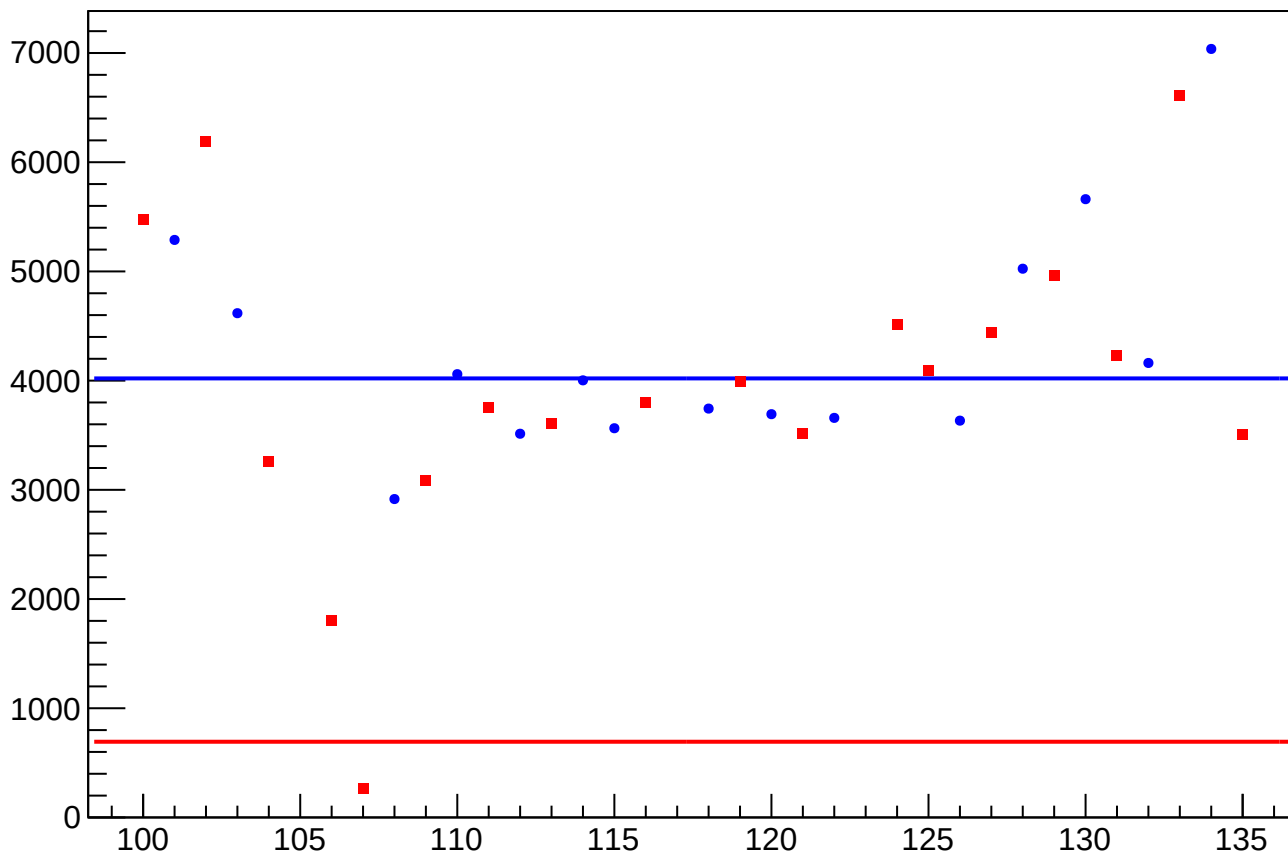
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.029+/-490.065 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_cor_correction_rms vs Slug



Right In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

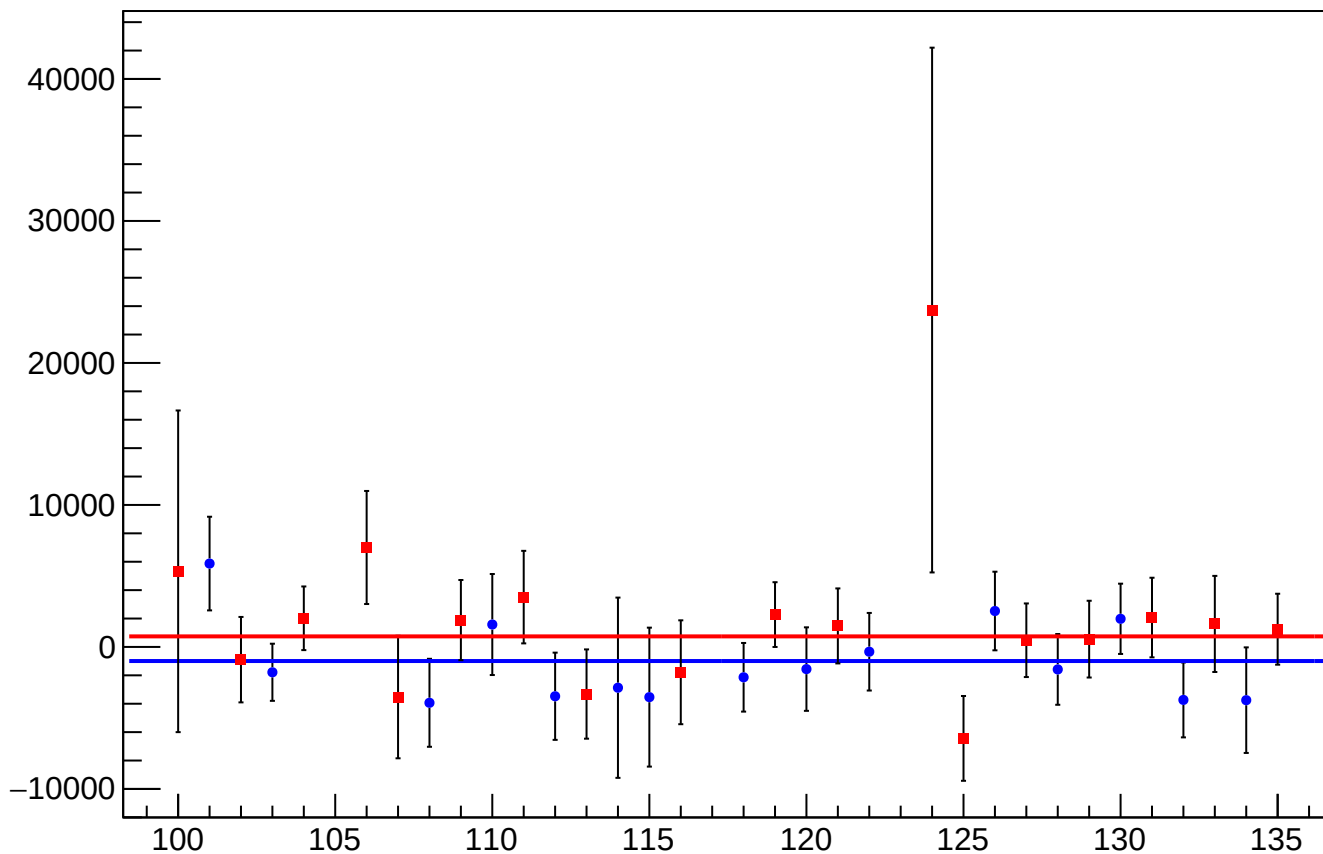
Right Out: 693.302+/-0.363 χ^2/NDF : 10490098.2/17

All: 989.337+/-0.347 χ^2/NDF : 18489283.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_mean vs Slug



Right In: -992.790+/-748.149 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 743.174+/-717.762 χ^2/NDF : 15.5/17

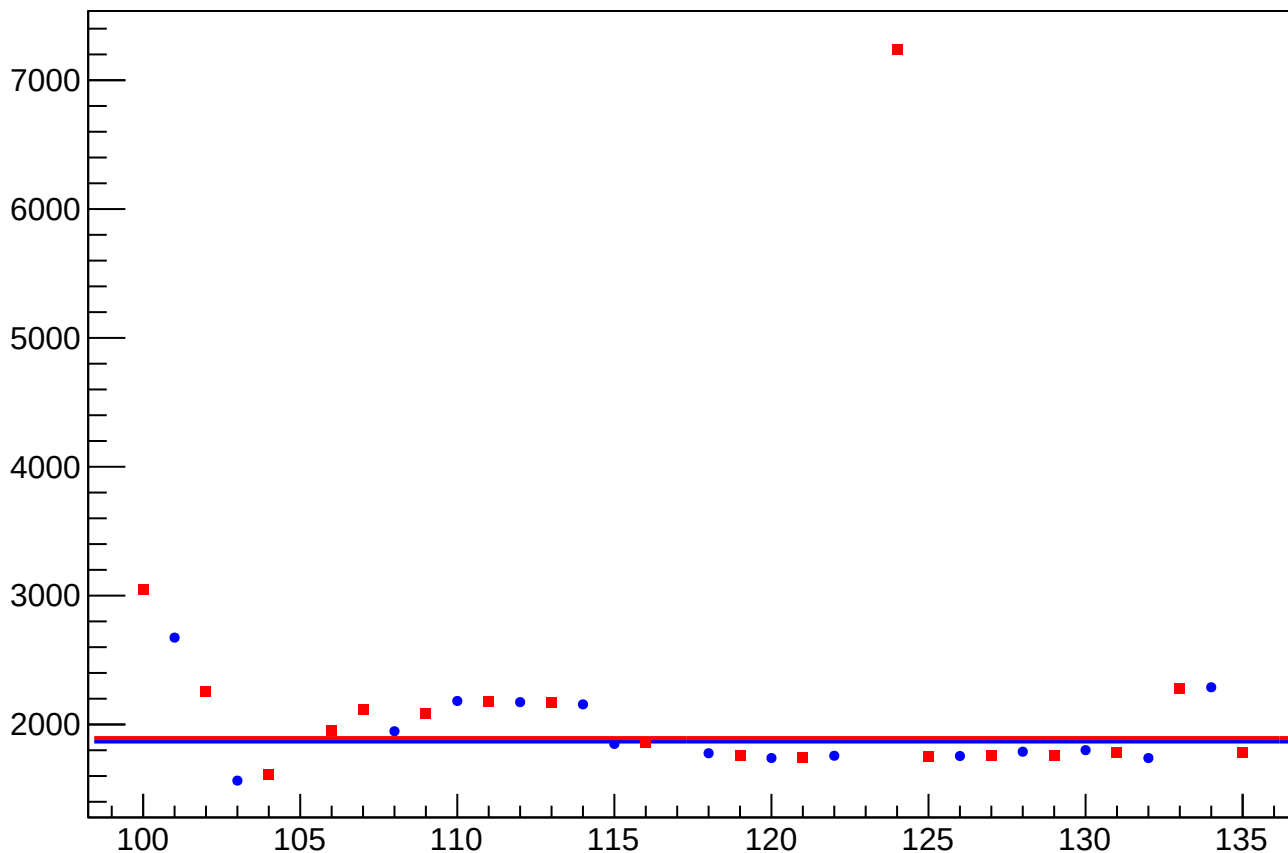
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -88.838+/-517.944 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_rms vs Slug



Right In: 1867.629+/-0.529 χ^2/NDF : 253036.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1894.464+/-0.506 χ^2/NDF : 356722.1/17

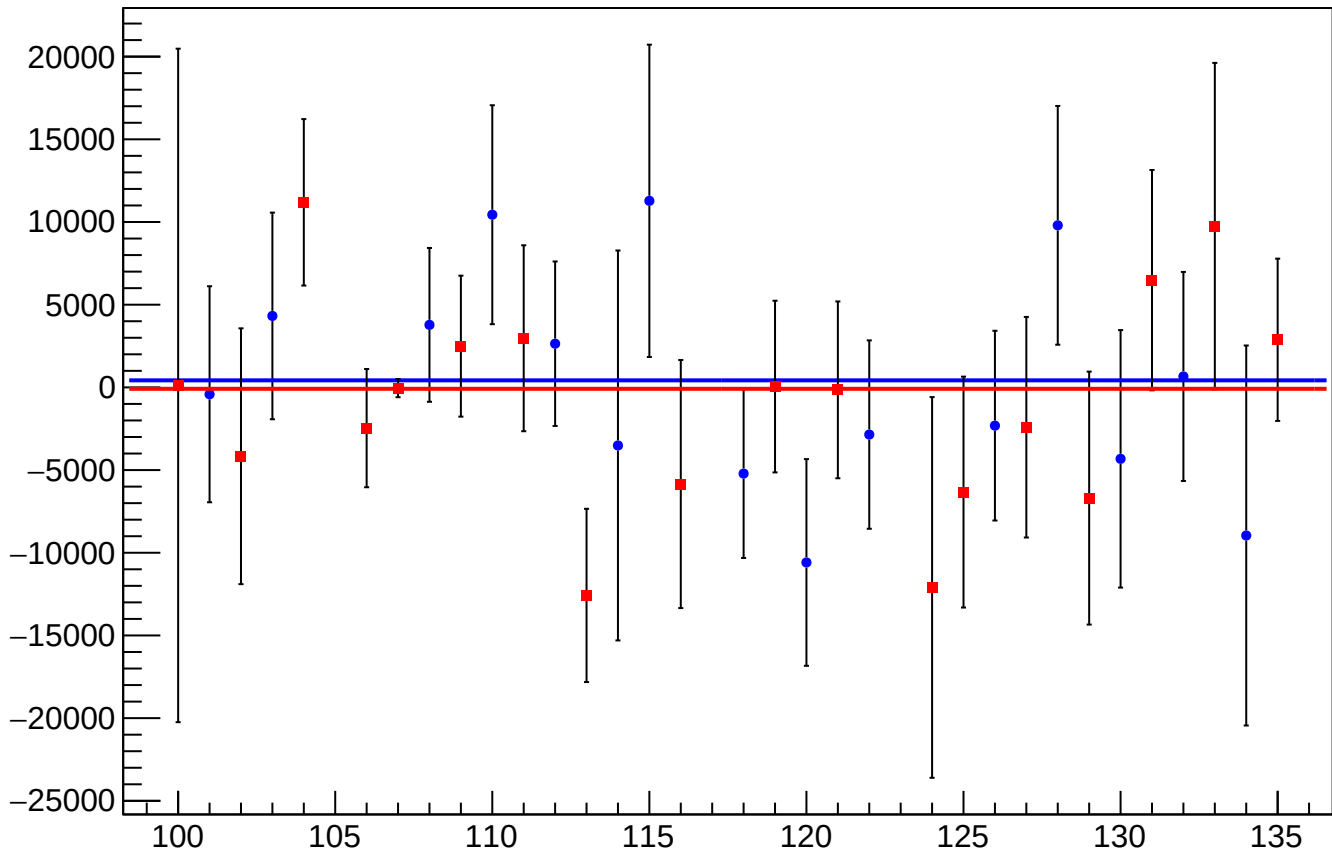
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1881.631+/-0.366 χ^2/NDF : 611101.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_mean vs Slug



Right In: 426.043+/-1642.883 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -85.551+/-513.440 χ^2/NDF : 17.8/17

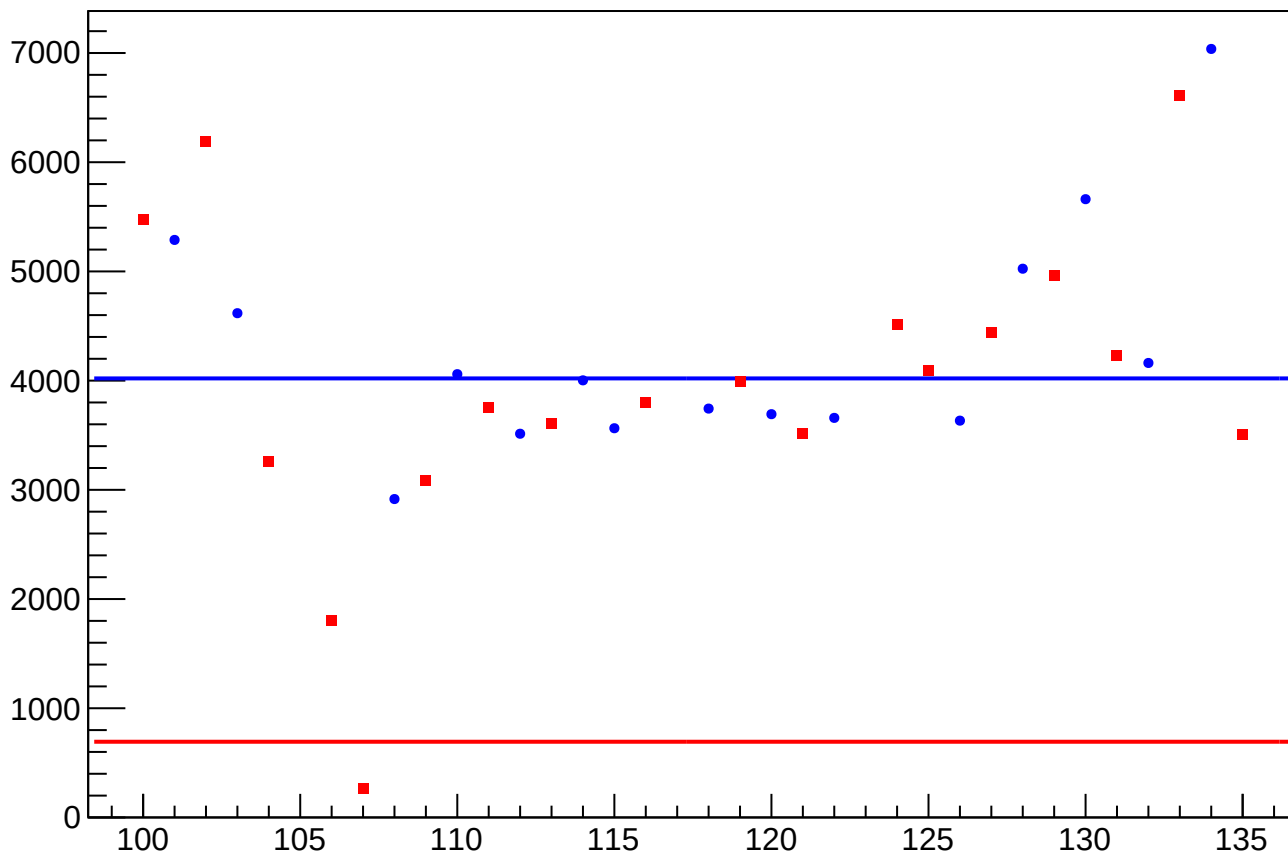
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.029+/-490.065 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_correction_rms vs Slug



Right In: 4020.273+/-1.162 χ^2/NDF : 527085.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

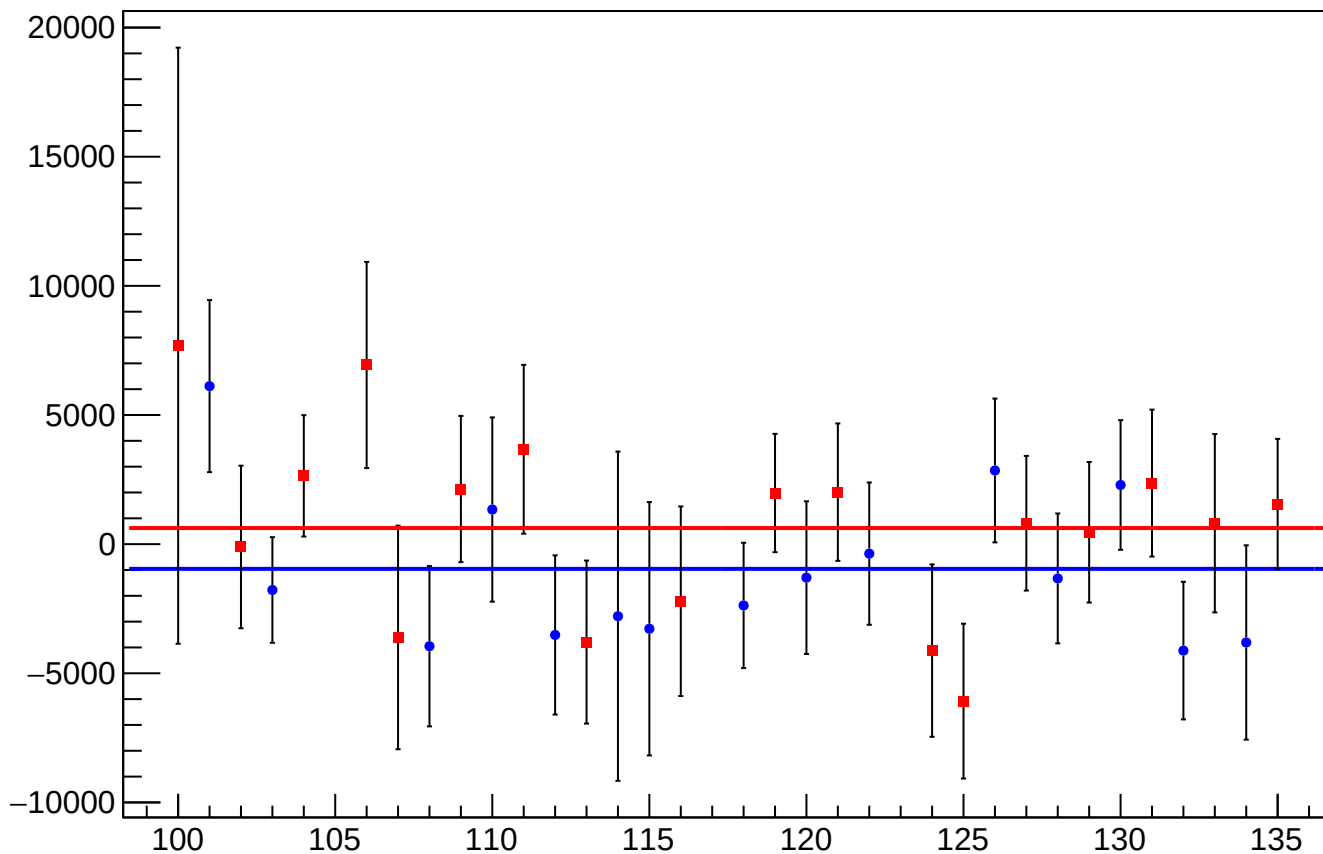
Right Out: 693.302+/-0.363 χ^2/NDF : 10490098.2/17

All: 989.337+/-0.347 χ^2/NDF : 18489283.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_mean vs Slug



Right In: -957.046 ± 754.456 χ^2/NDF : 13.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 623.215 ± 710.911 χ^2/NDF : 16.5/17

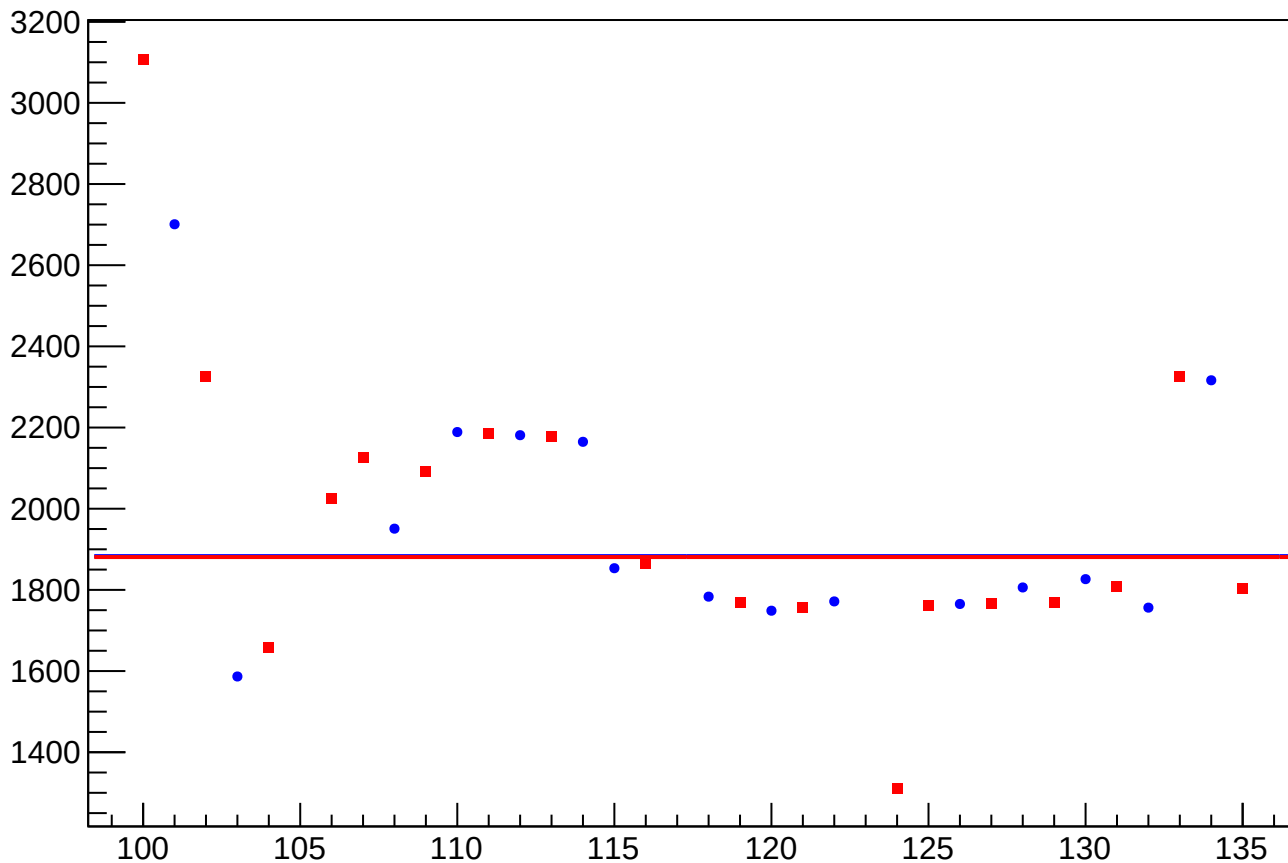
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -119.998 ± 517.400 χ^2/NDF : 31.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_rms vs Slug



Right In: 1883.219 $\pm$ 0.533 χ^2 /NDF: 249219.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1880.899 $\pm$ 0.502 χ^2 /NDF: 250522.2/17

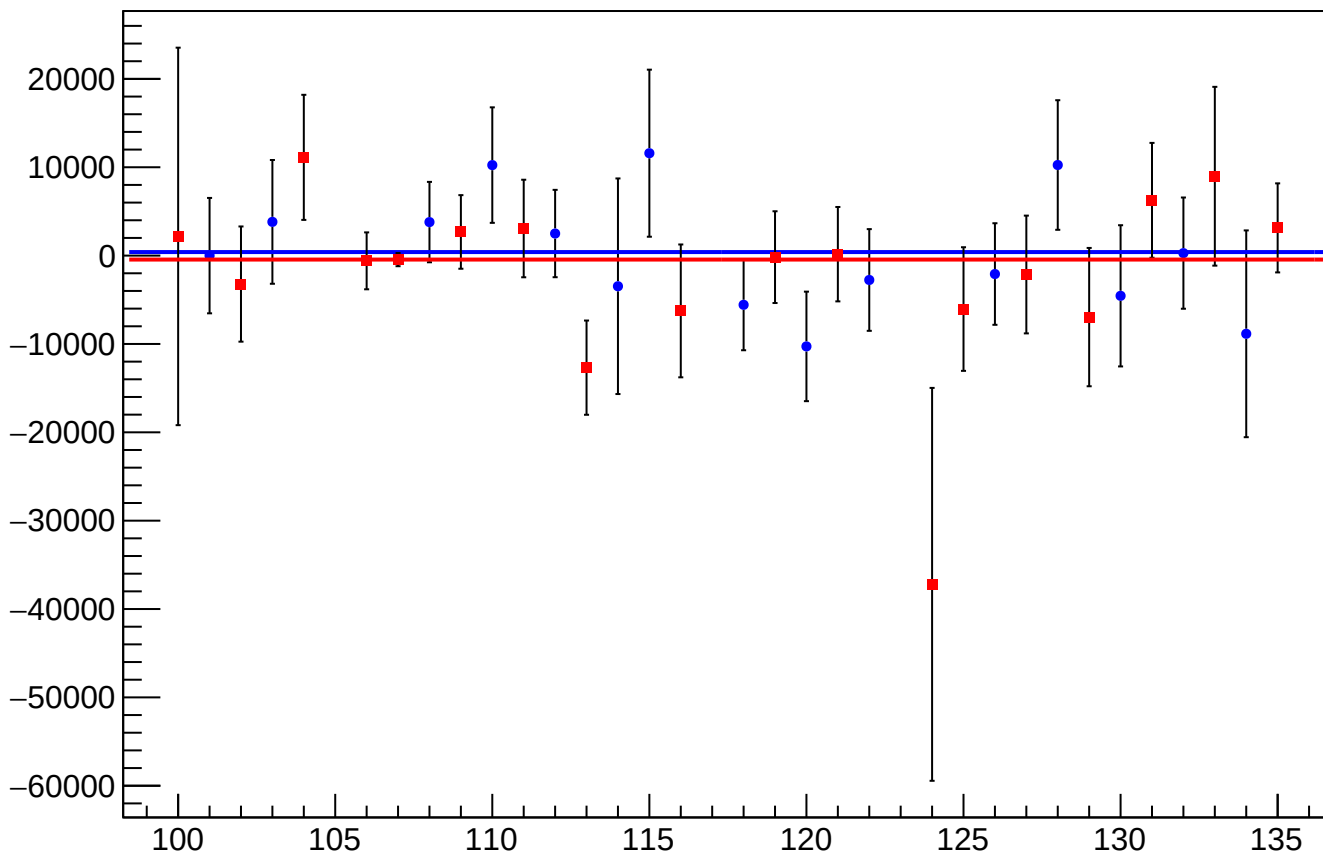
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1881.989 $\pm$ 0.366 χ^2 /NDF: 499751.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_correction_mean vs Slug



Right In: 400.934 ± 1654.091 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -448.058 ± 660.825 χ^2/NDF : 16.3/17

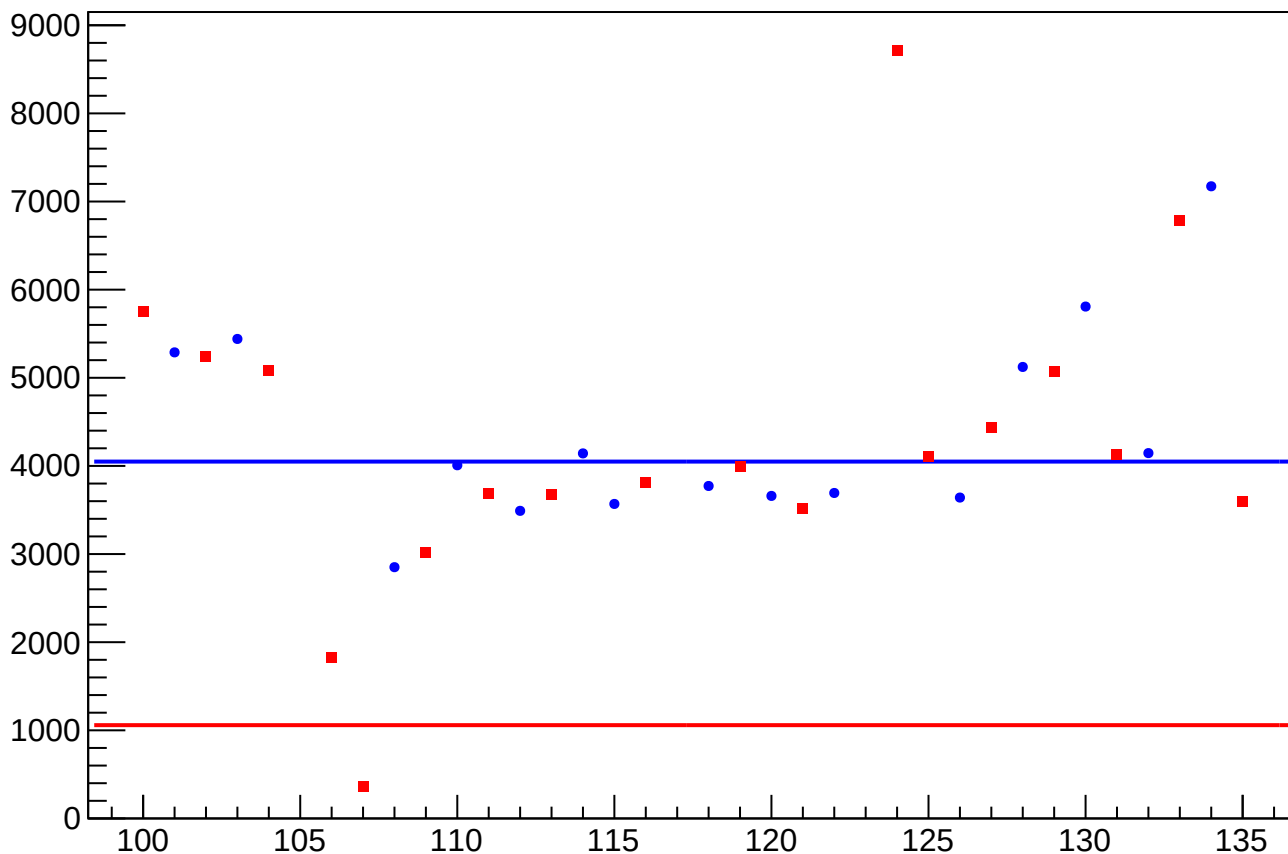
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -331.203 ± 613.664 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_correction_rms vs Slug



Right In: 4049.206+/-1.170 χ^2/NDF : 634764.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

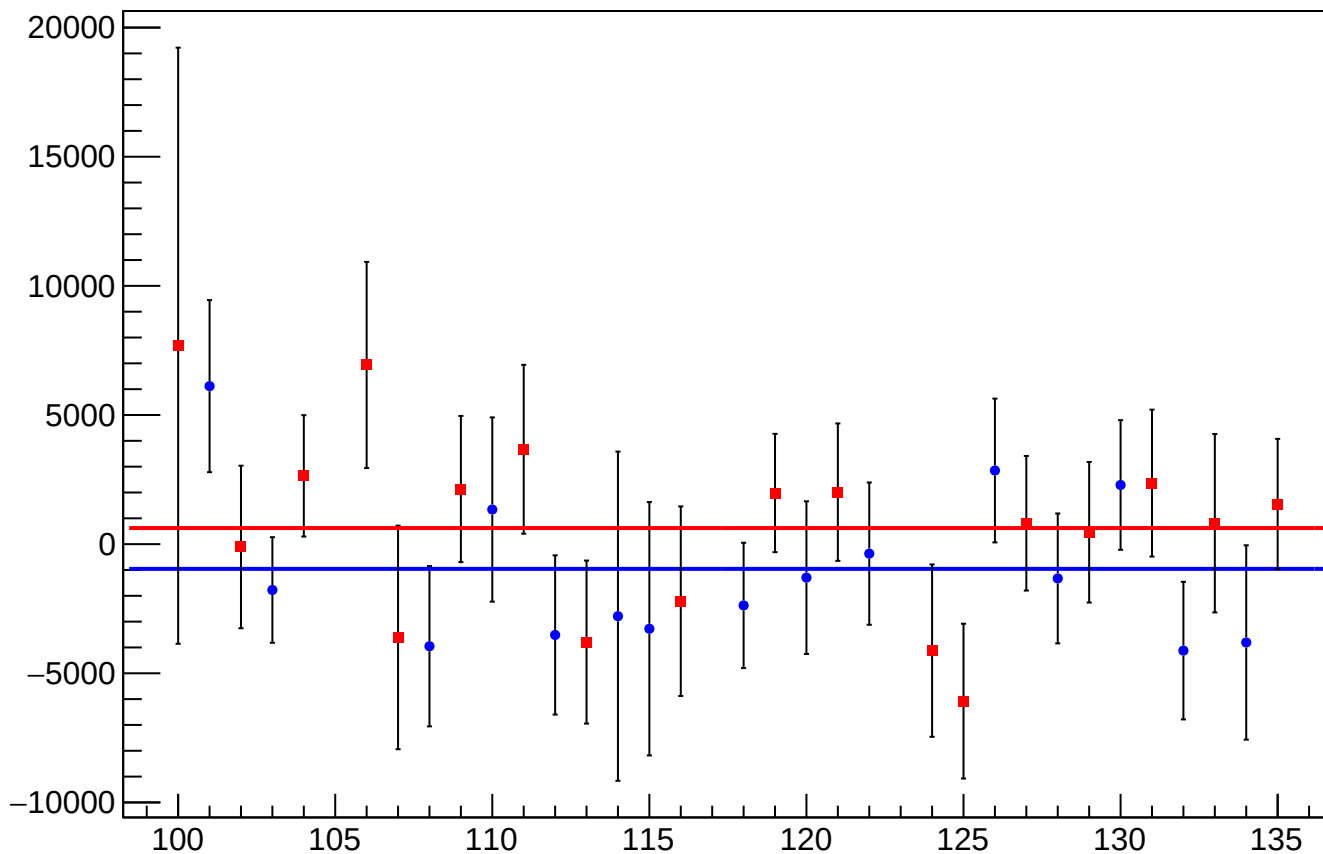
Right Out: 1058.583+/-0.467 χ^2/NDF : 9360688.6/17

All: 1470.211+/-0.434 χ^2/NDF : 15633428.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_mean vs Slug



Right In: -957.044+/-754.456 χ^2/NDF : 13.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 623.221+/-710.911 χ^2/NDF : 16.5/17

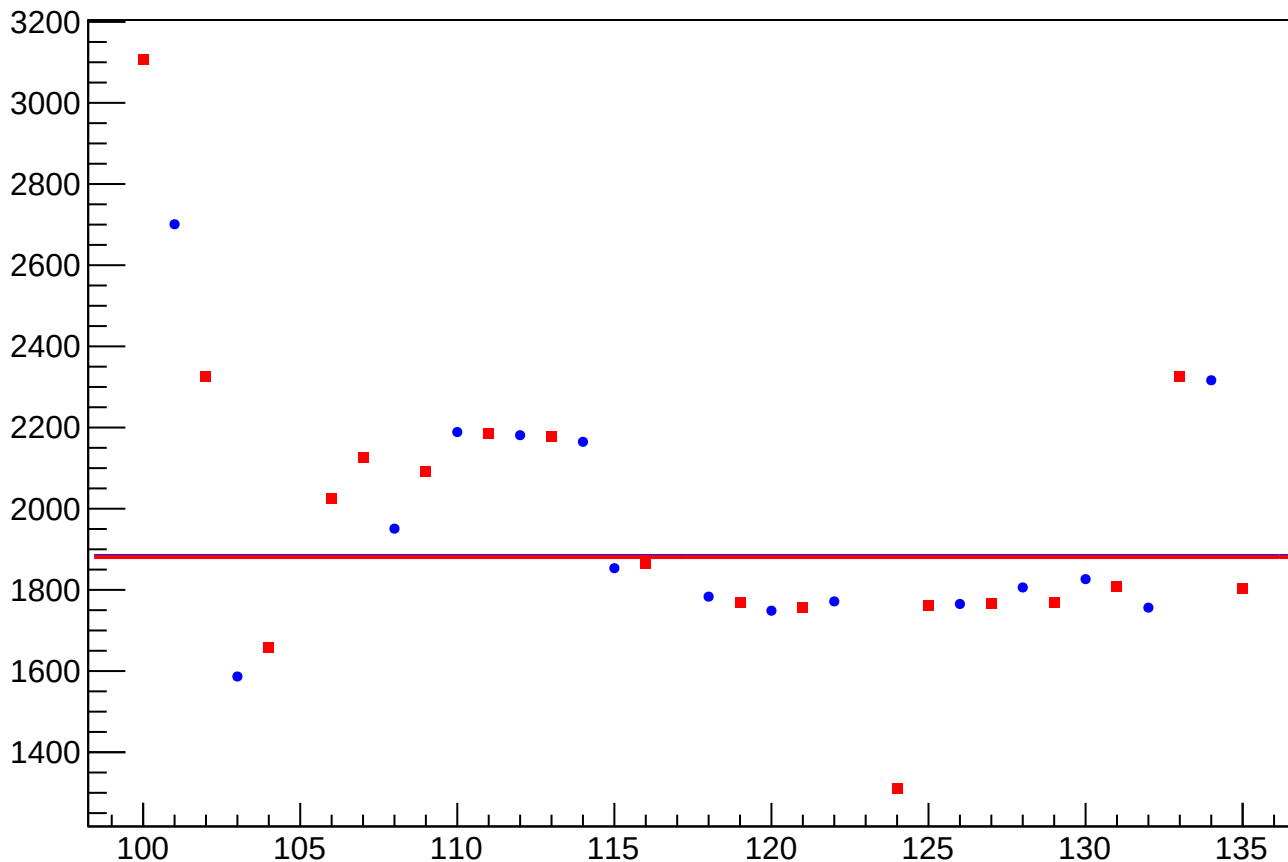
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.994+/-517.400 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_rms vs Slug



Right In: 1883.219+/-0.533 χ^2/NDF : 249219.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

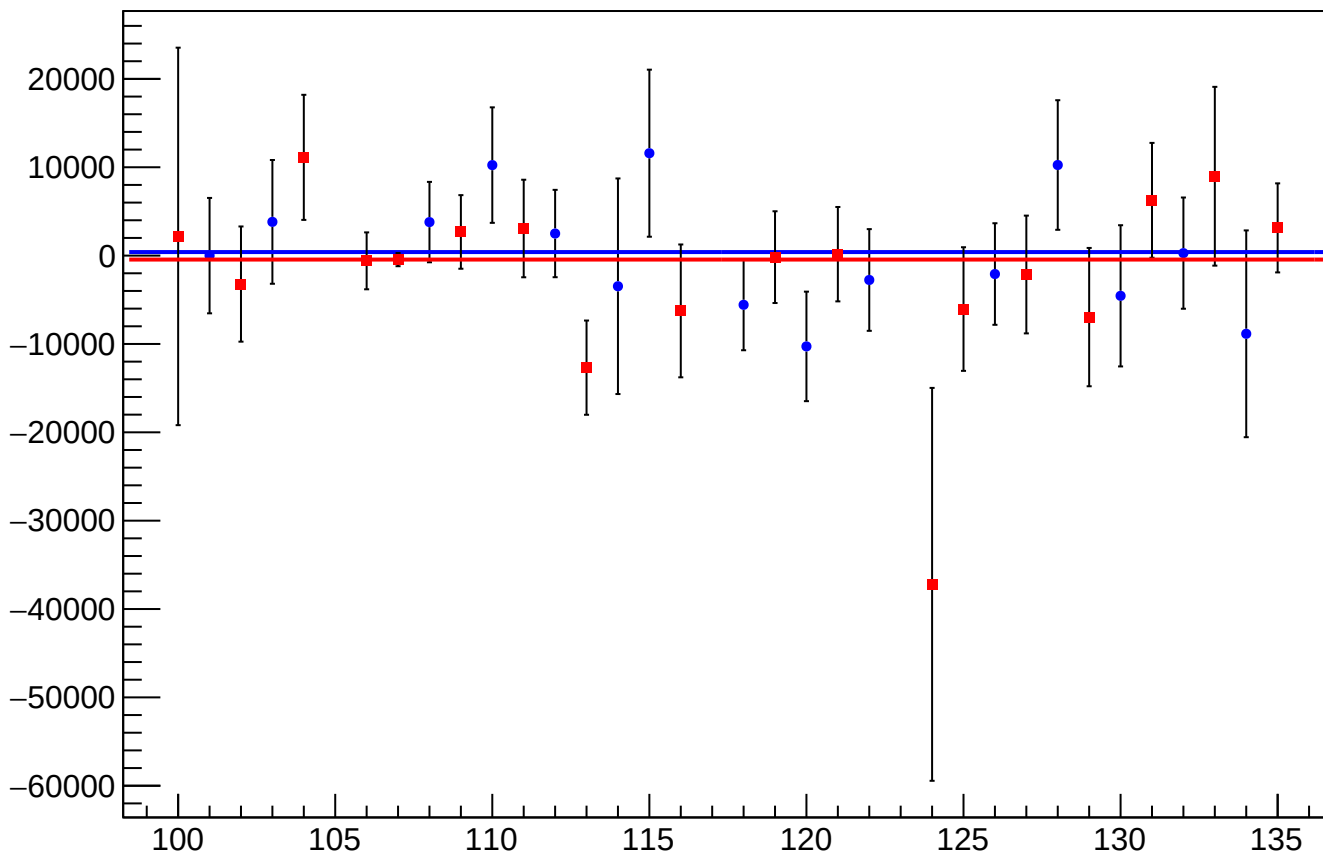
Right Out: 1880.899+/-0.502 χ^2/NDF : 250522.5/17

All: 1881.989+/-0.366 χ^2/NDF : 499751.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_correction_mean vs Slug



Right In: 400.927 $\pm$ 1654.087 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -448.064 $\pm$ 660.836 χ^2 /NDF: 16.3/17

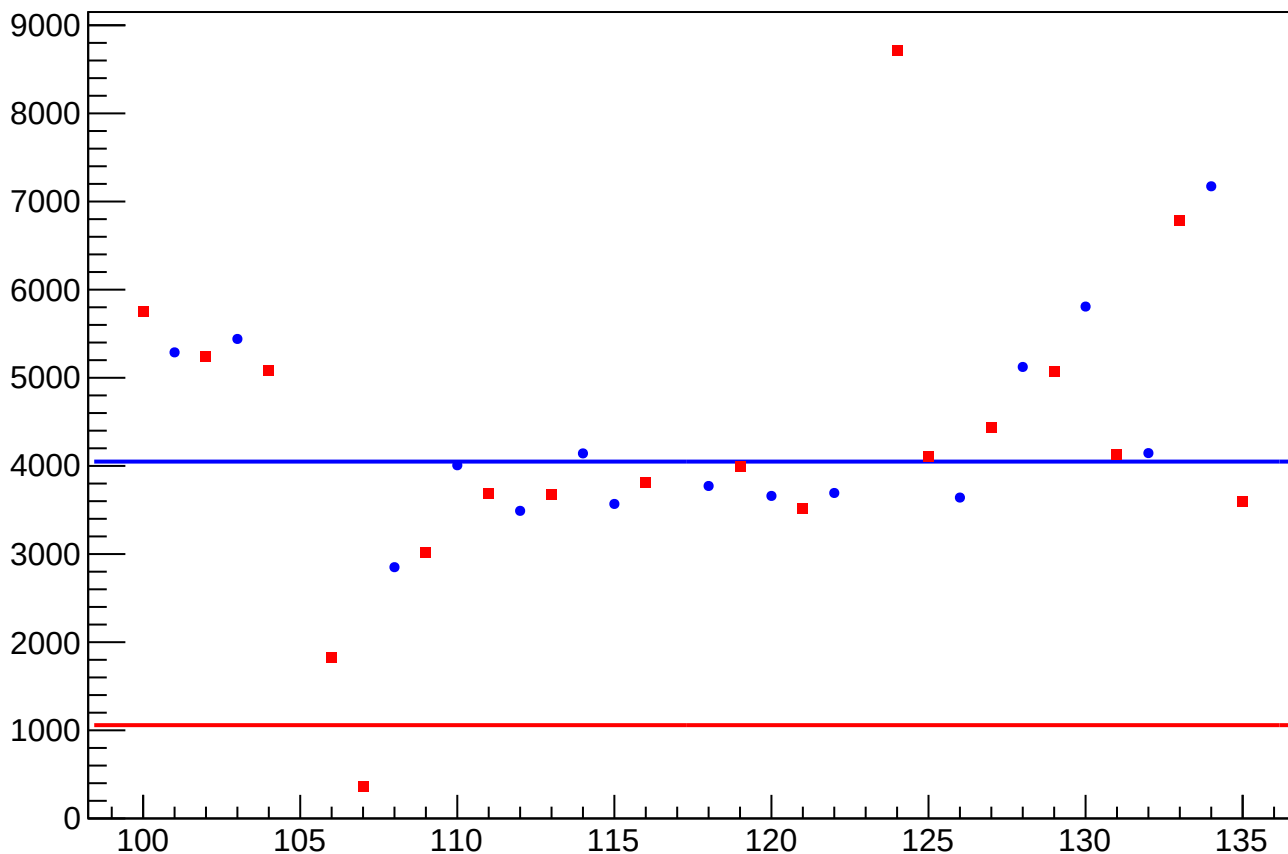
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -331.205 $\pm$ 613.673 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_correction_rms vs Slug



Right In: 4049.195+/-1.170 χ^2/NDF : 634763.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

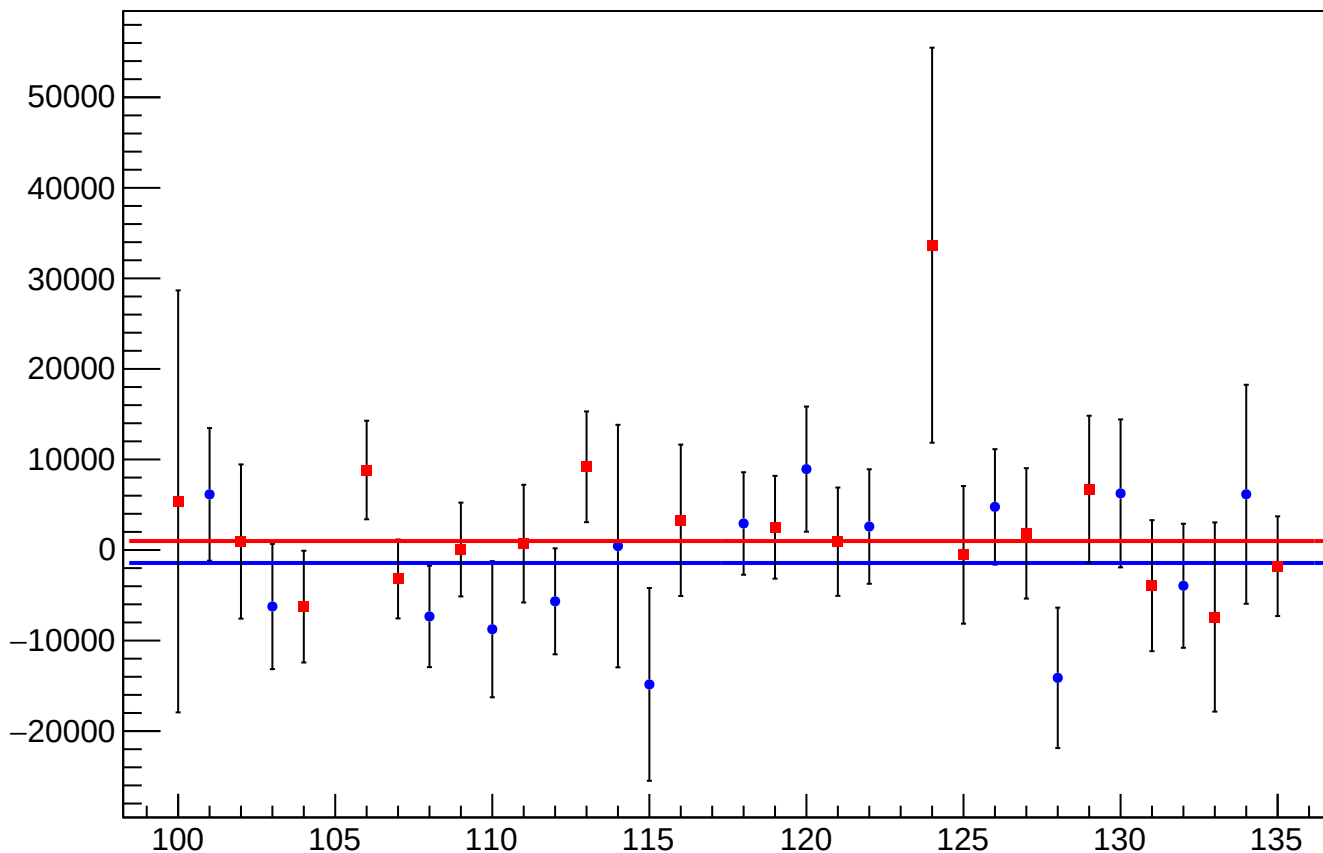
Right Out: 1058.614+/-0.467 χ^2/NDF : 9360563.4/17

All: 1470.249+/-0.434 χ^2/NDF : 15633147.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_mean vs Slug



Right In: -1430.479+/-1843.650 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 990.560+/-1572.556 χ^2/NDF : 10.6/17

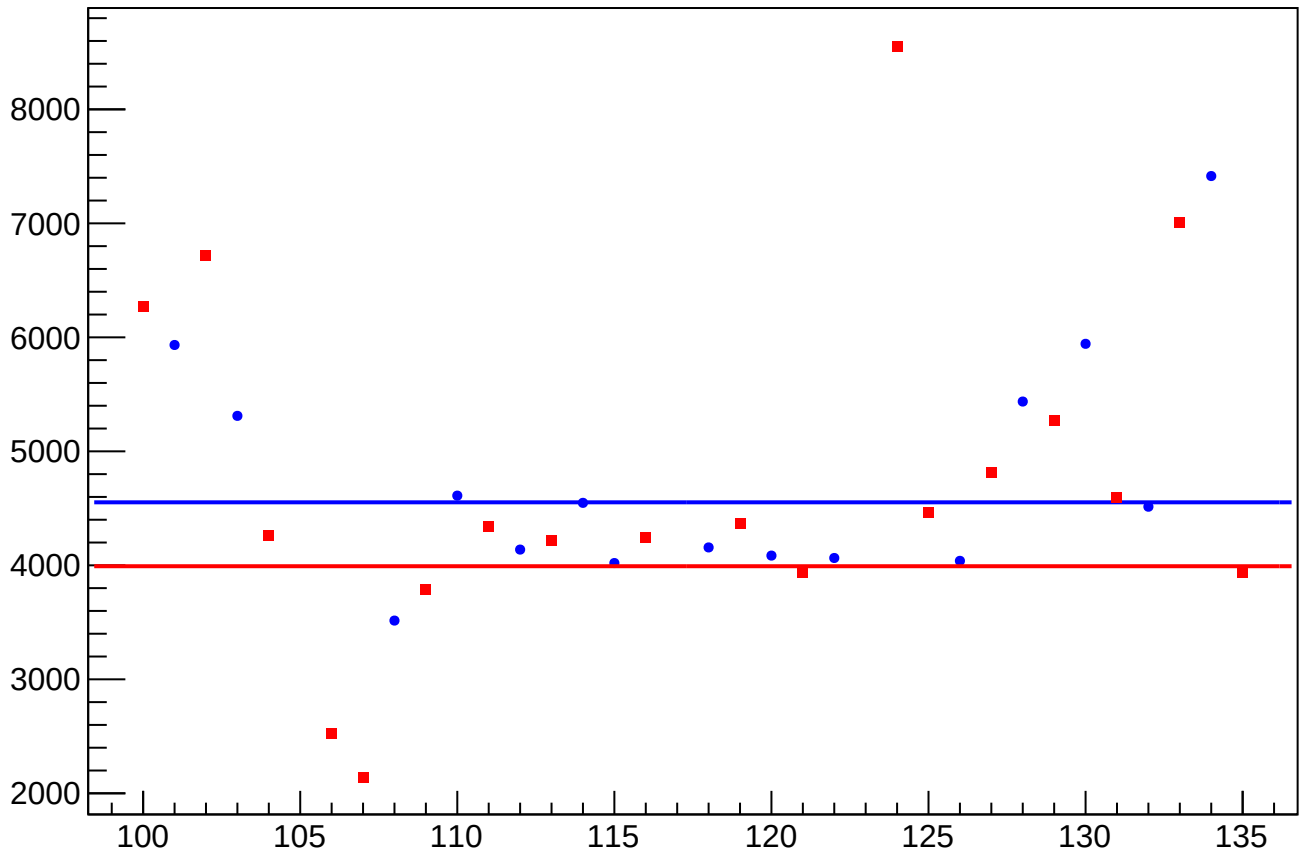
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.039+/-1196.444 χ^2/NDF : 25.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_rms vs Slug



Right In: 4552.707 ± 1.304 $\chi^2/\text{NDF}: 418702.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

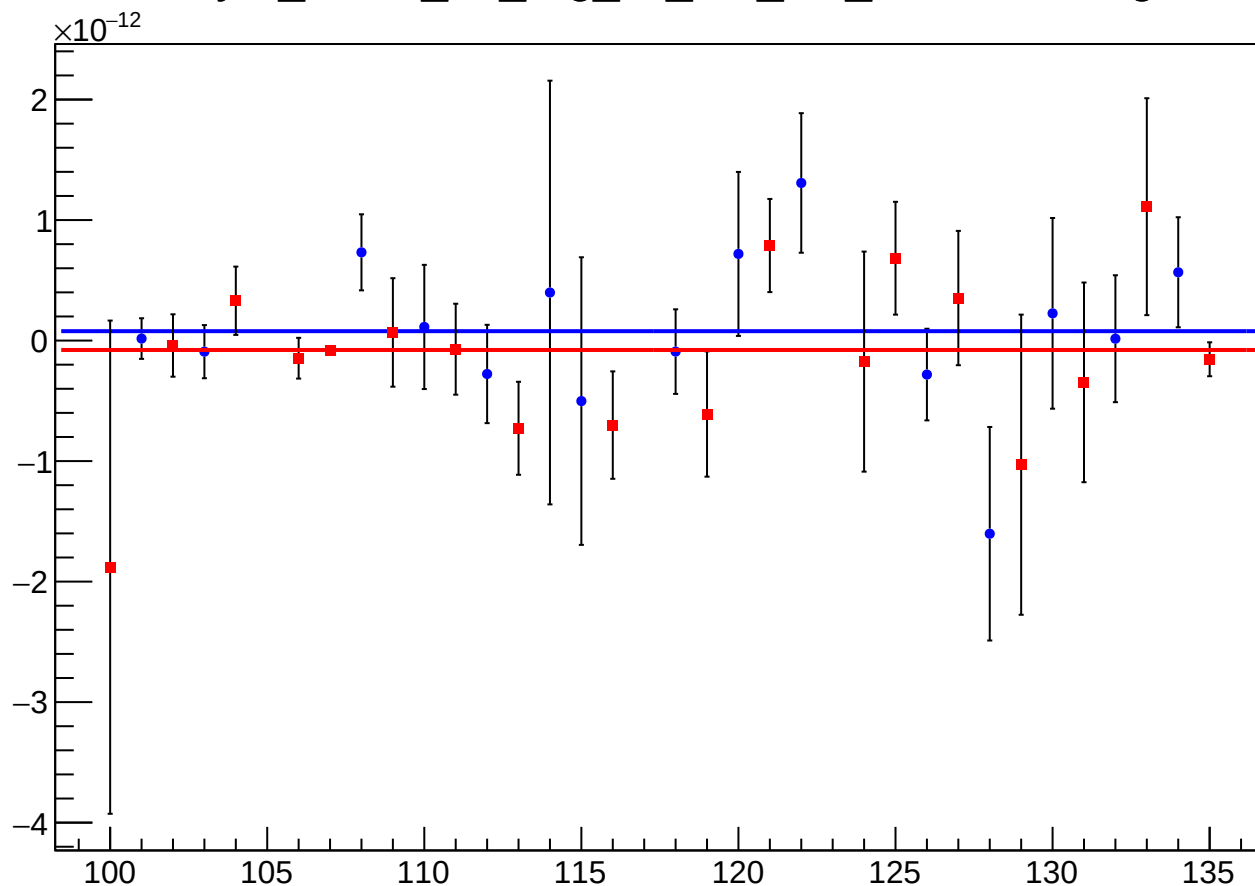
Right Out: 3992.174 ± 1.101 $\chi^2/\text{NDF}: 1143531.5/17$

All: 4225.429 ± 0.841 $\chi^2/\text{NDF}: 1670175.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl1r2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/17

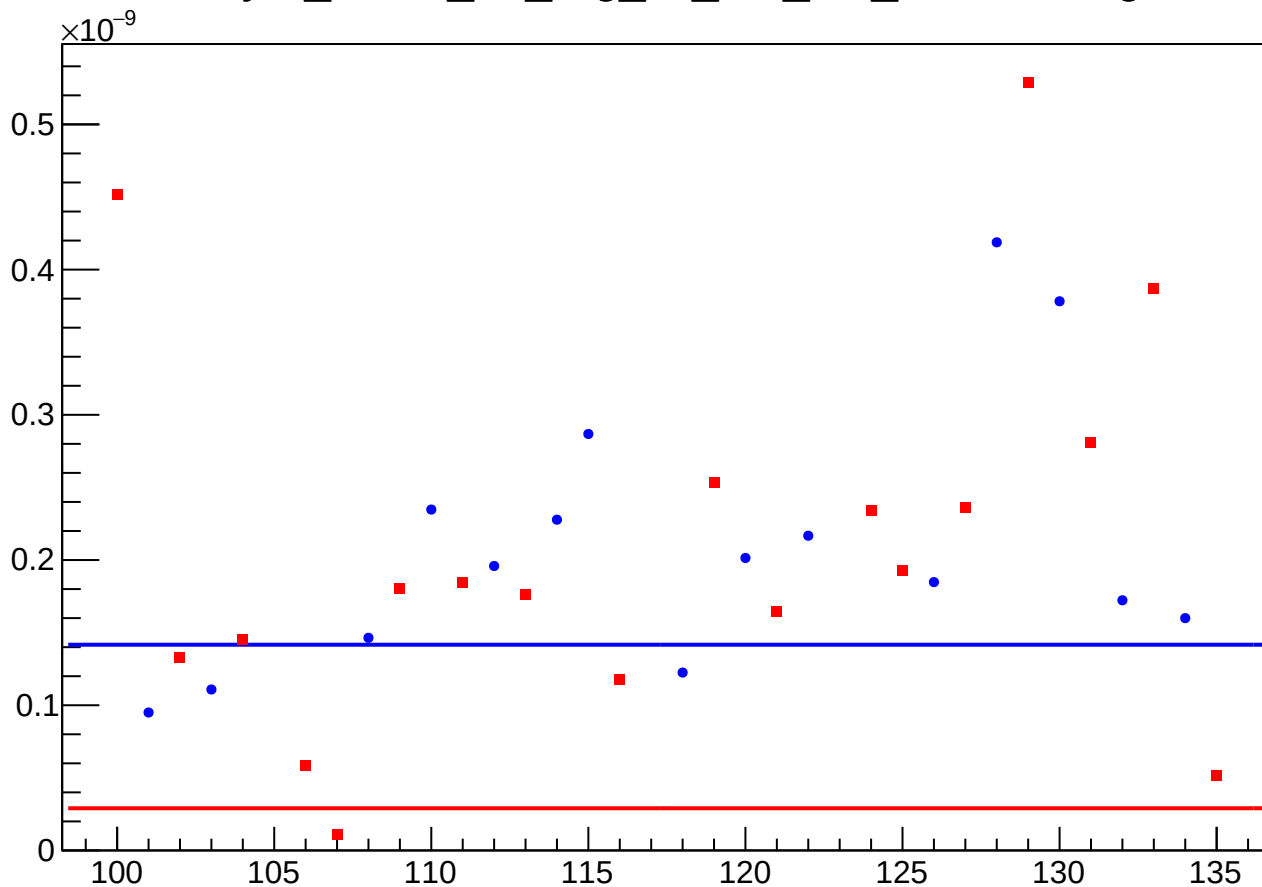
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 39.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 793084.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 4320087.7/17

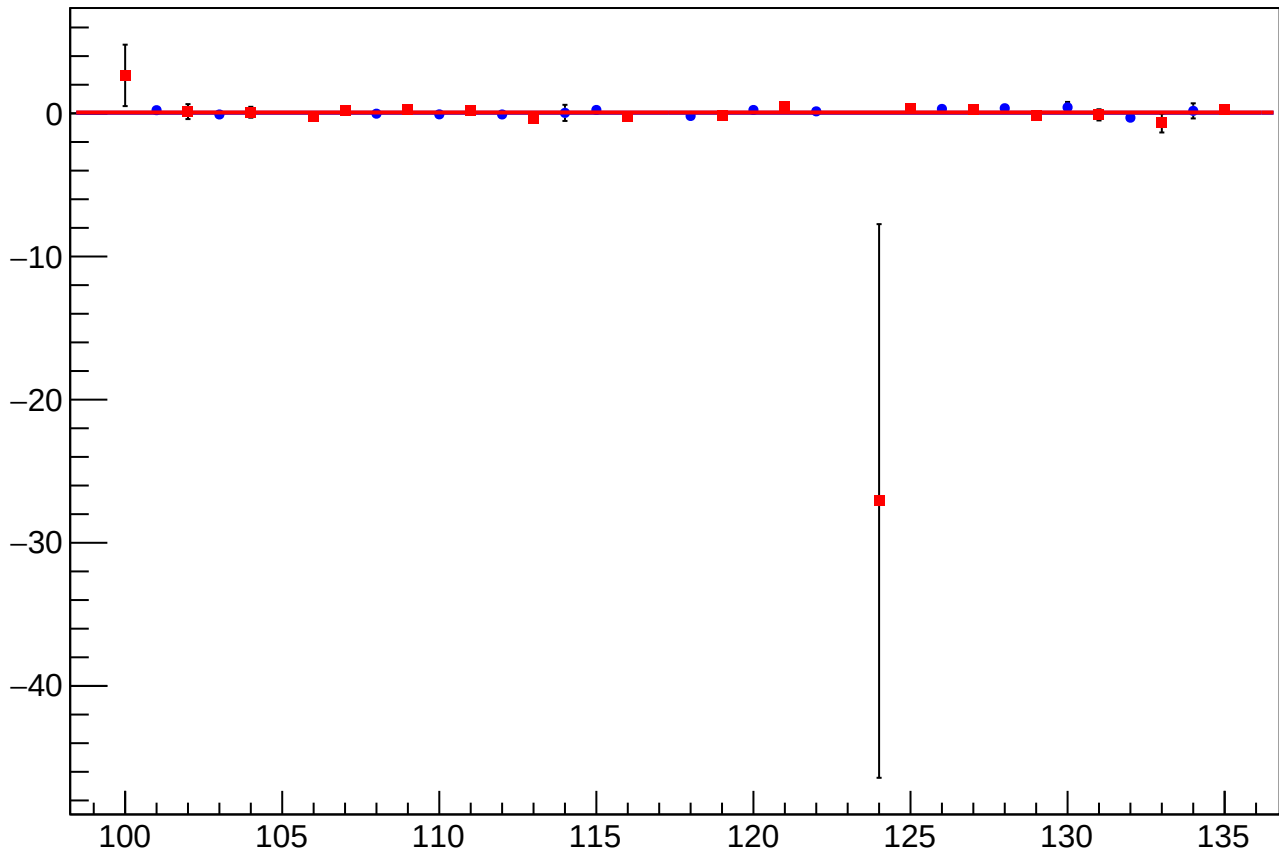
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7559582.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

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

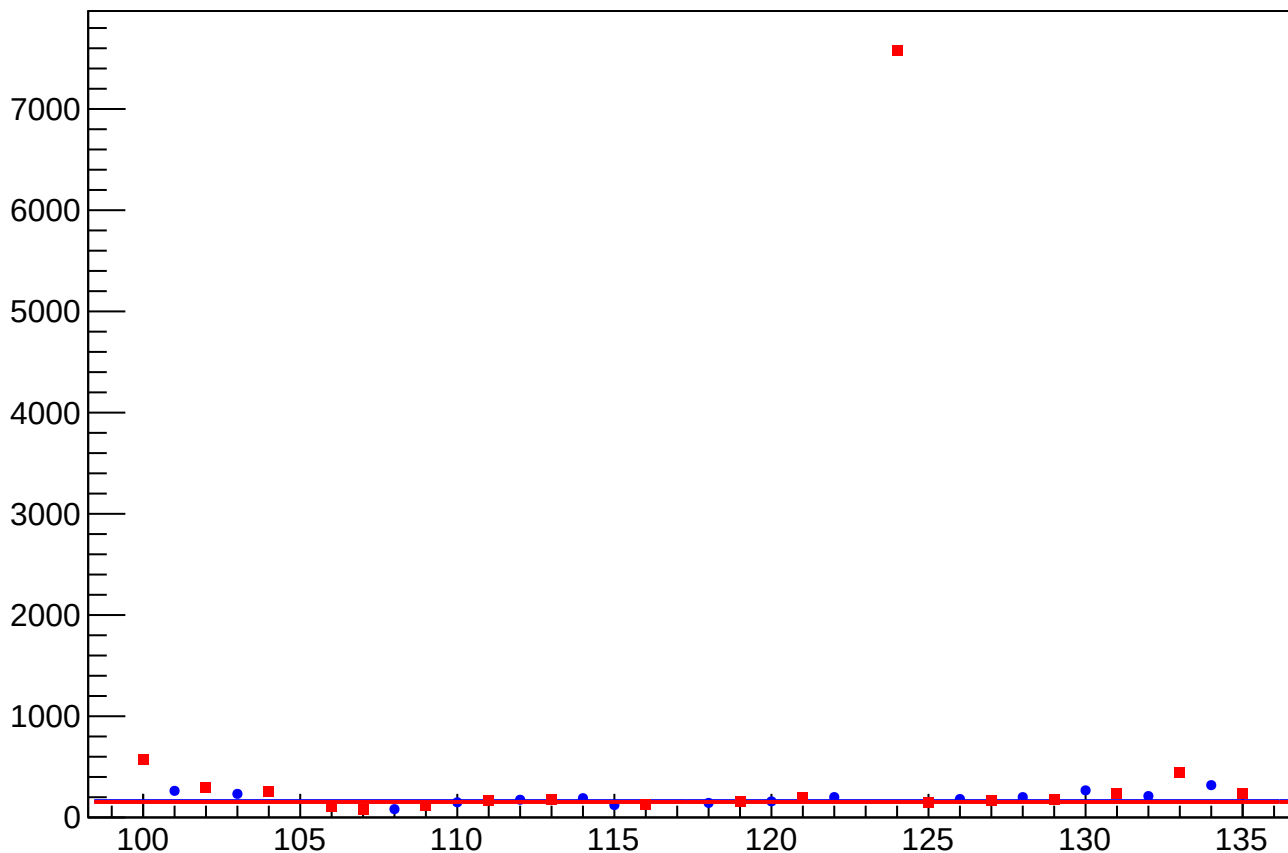
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.048 χ^2 /NDF: 26.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.121+/-0.046 χ^2/NDF : 1862620.7/17

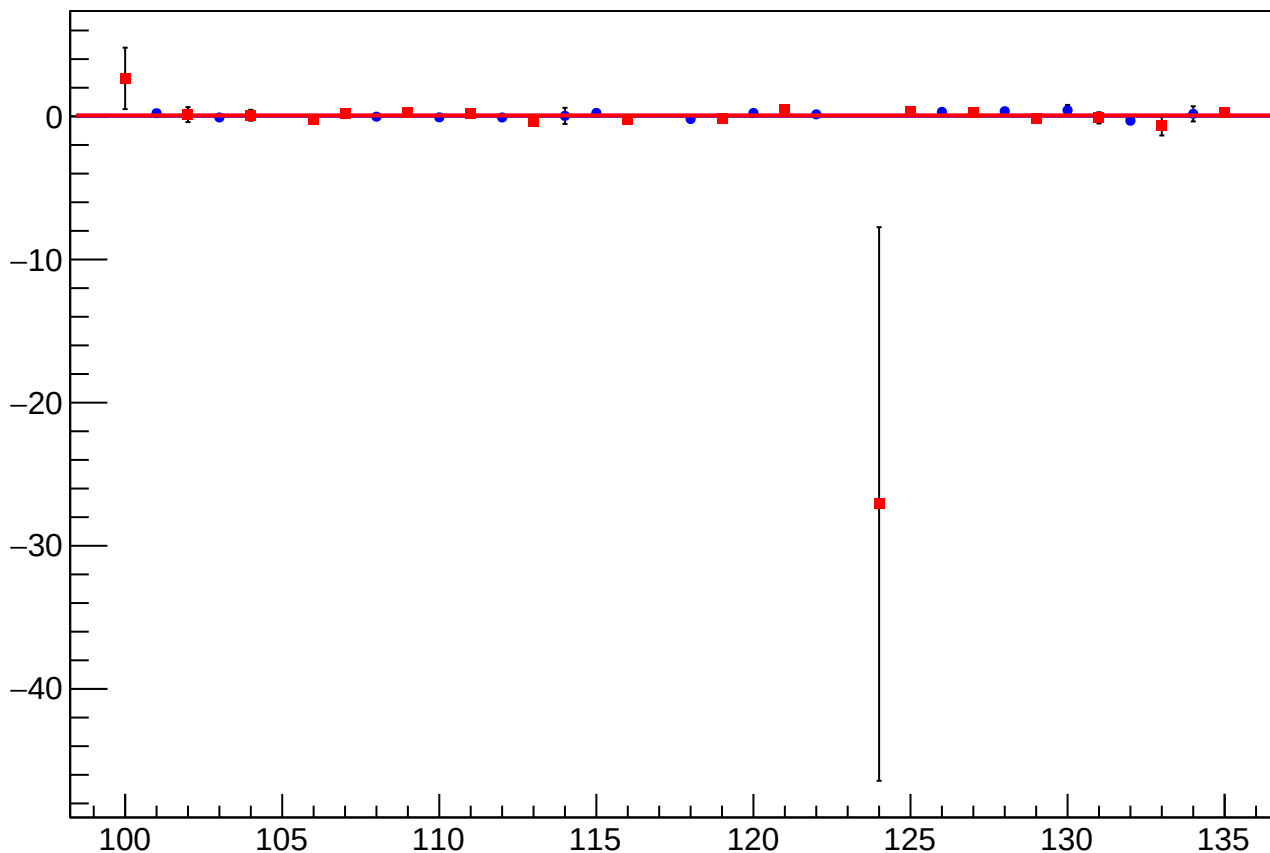
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.884+/-0.034 χ^2/NDF : 3295957.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

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

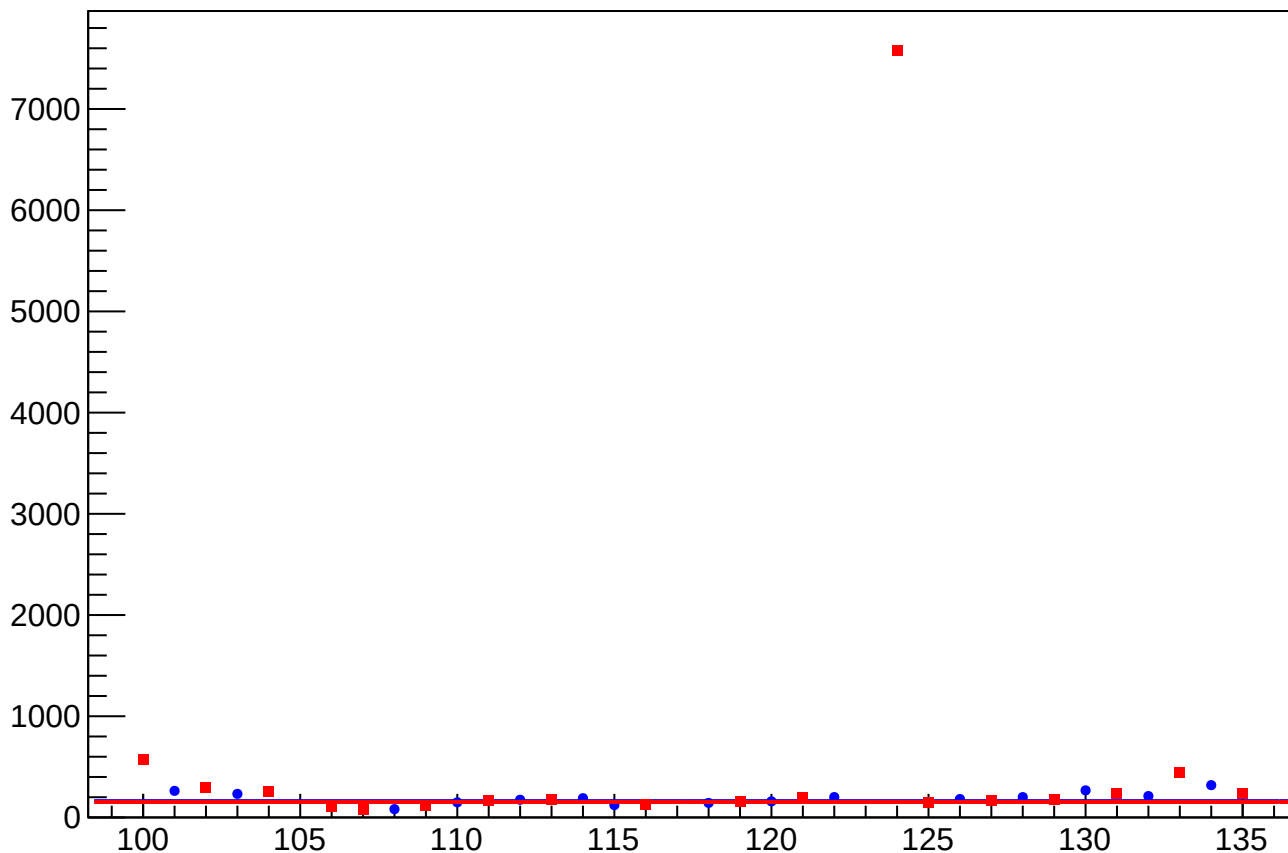
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.048 χ^2 /NDF: 26.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 161.251+/-0.049 χ^2/NDF : 1418774.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.121+/-0.046 χ^2/NDF : 1862620.7/17

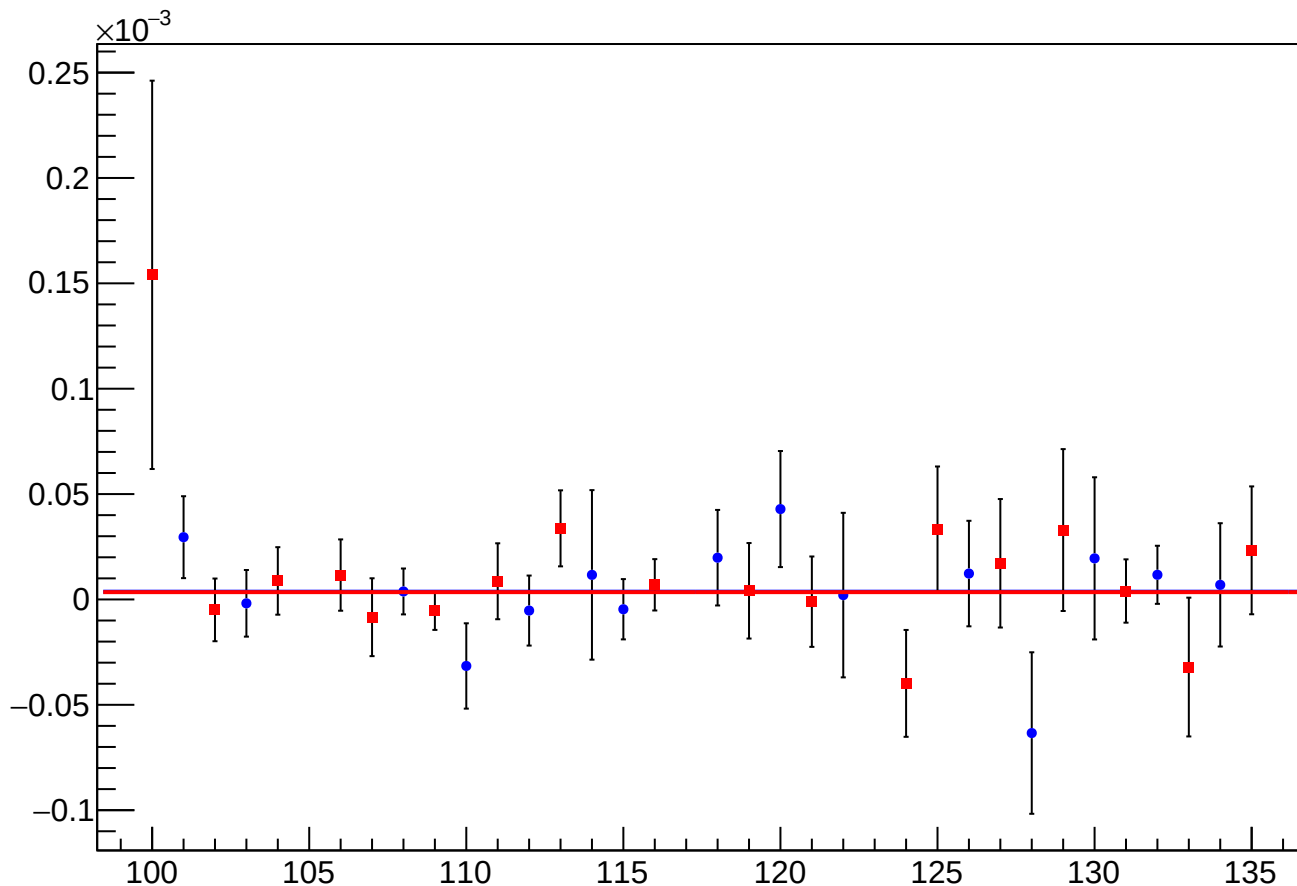
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.884+/-0.034 χ^2/NDF : 3295957.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/14

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

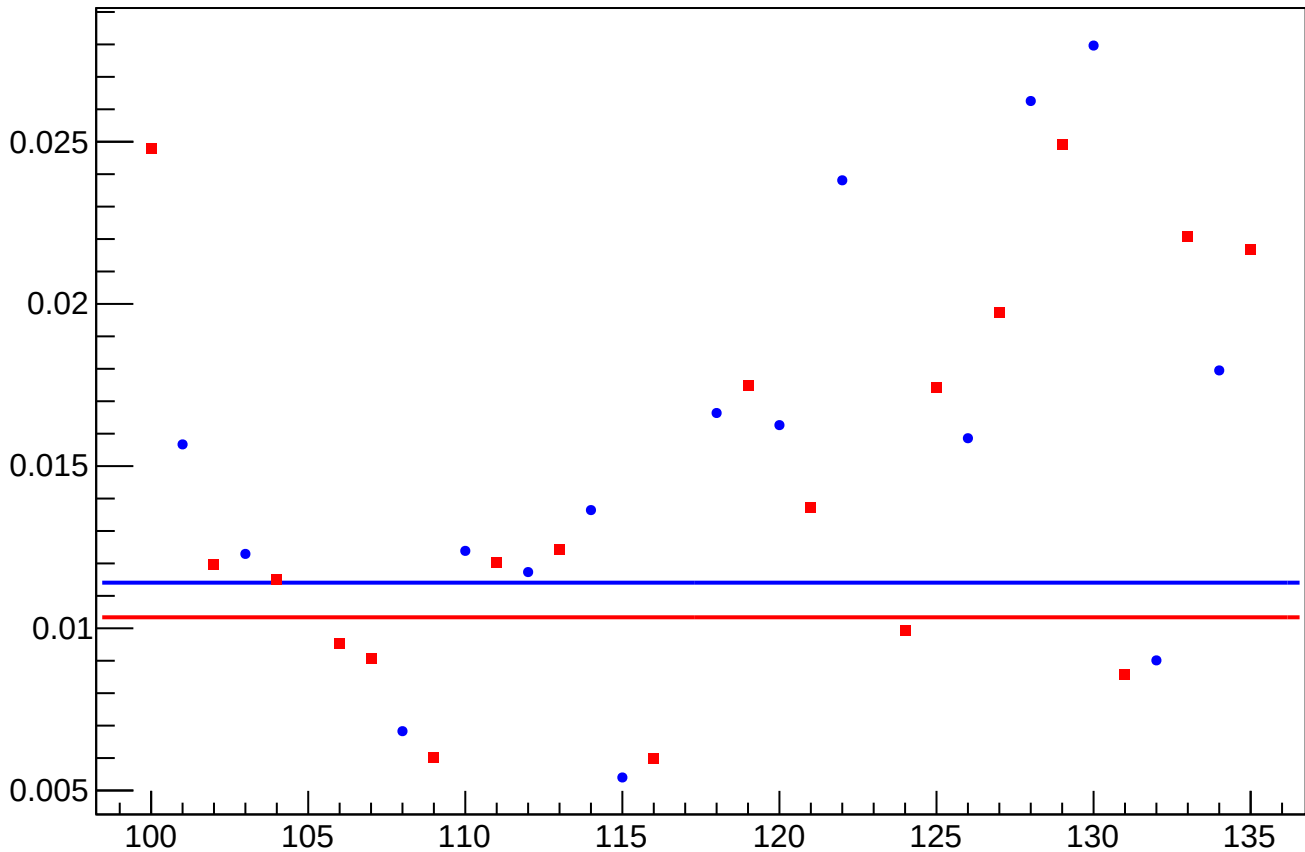
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 2085087.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 2259778.6/17

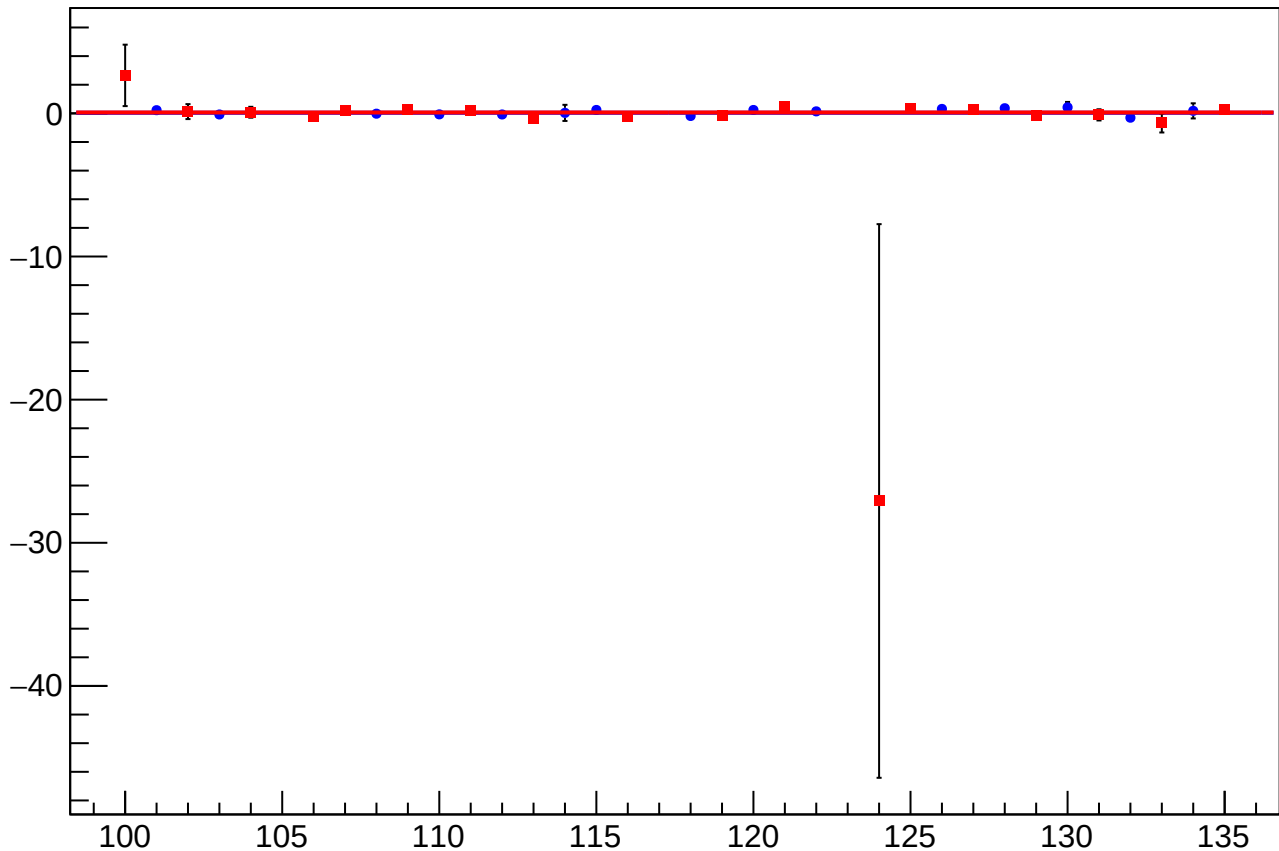
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 4397694.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

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

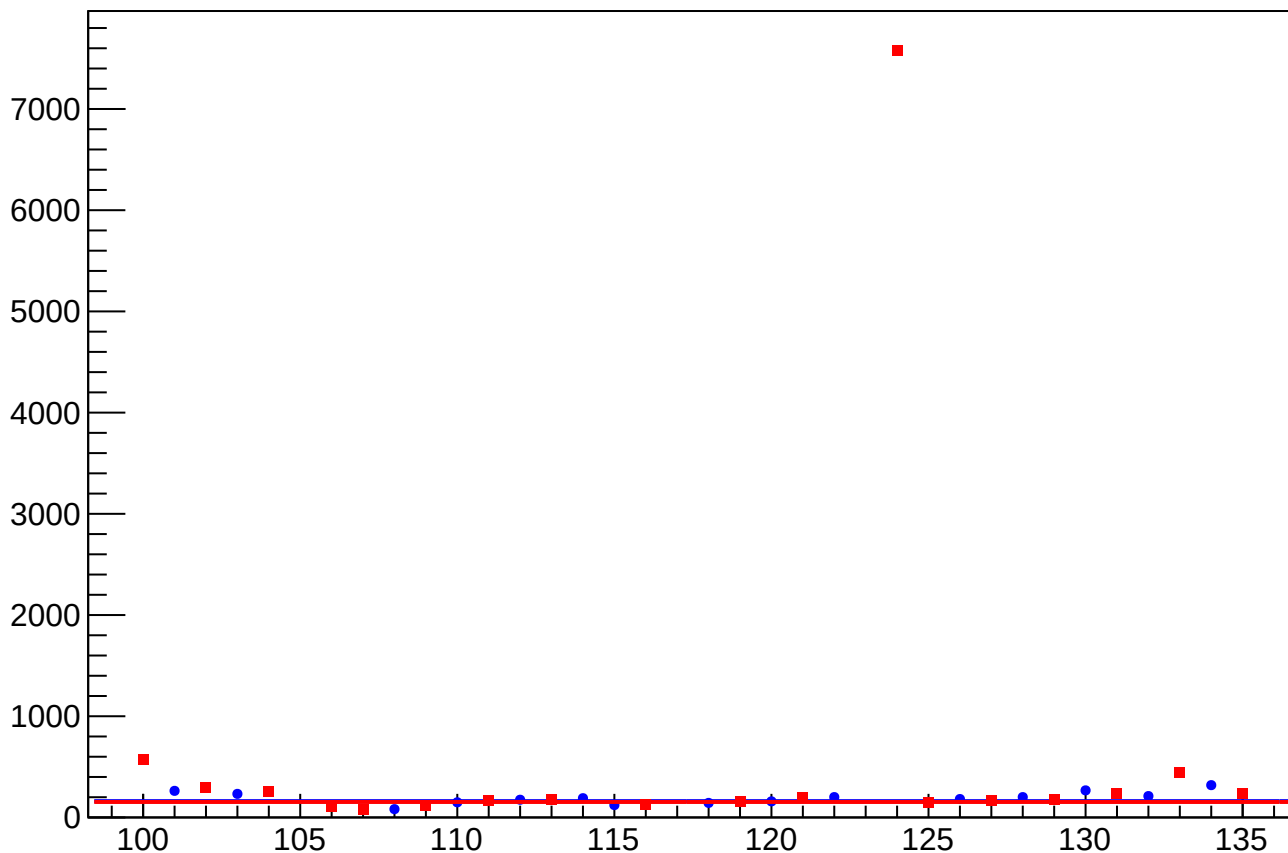
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.048 χ^2 /NDF: 26.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 161.250+/-0.049 χ^2/NDF : 1418735.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 153.120+/-0.046 χ^2/NDF : 1862637.8/17

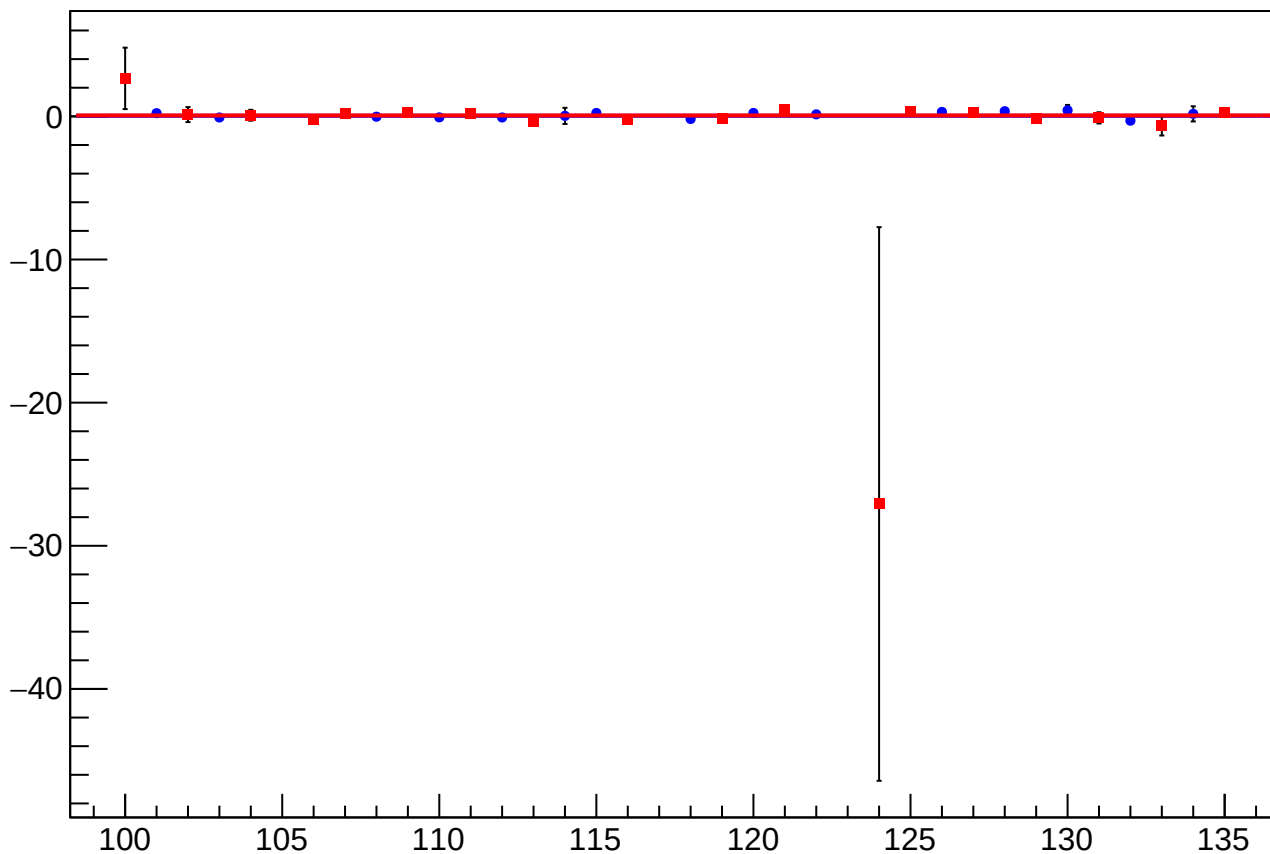
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.884+/-0.034 χ^2/NDF : 3295934.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.042 $\pm$ 0.070 χ^2 /NDF: 7.5/14

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

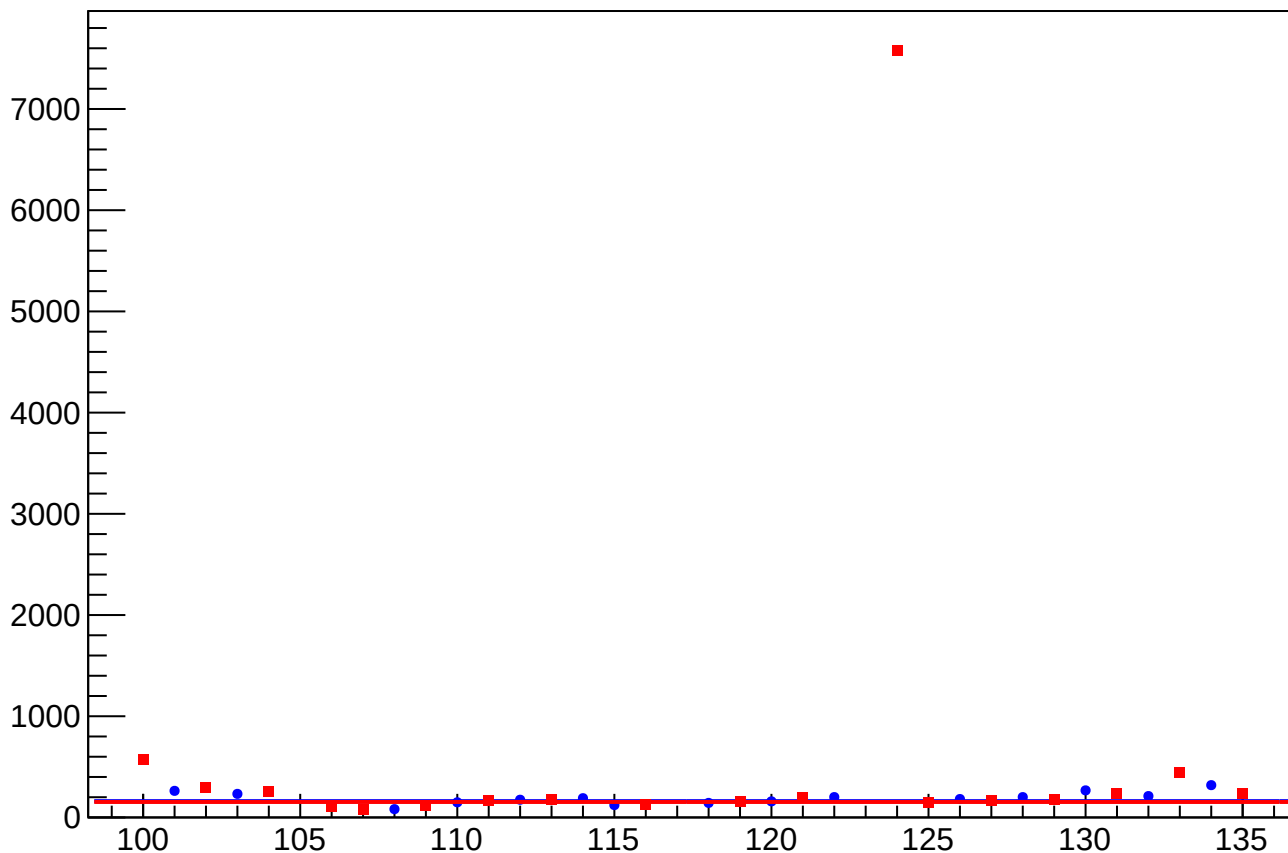
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.053 $\pm$ 0.048 χ^2 /NDF: 26.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 161.250+/-0.049 χ^2/NDF : 1418735.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

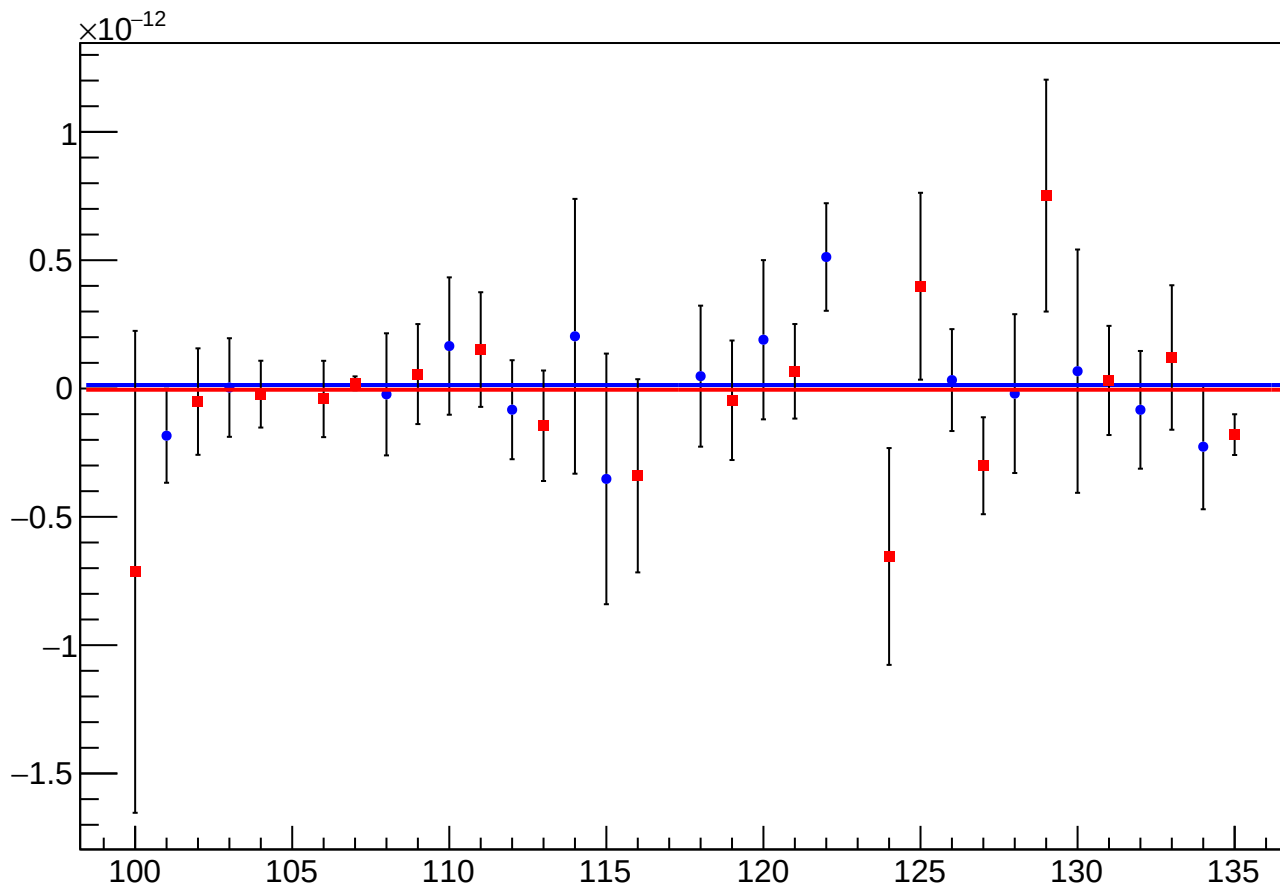
Right Out: 153.120+/-0.046 χ^2/NDF : 1862637.8/17

All: 156.884+/-0.034 χ^2/NDF : 3295934.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 9.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 17.5/17

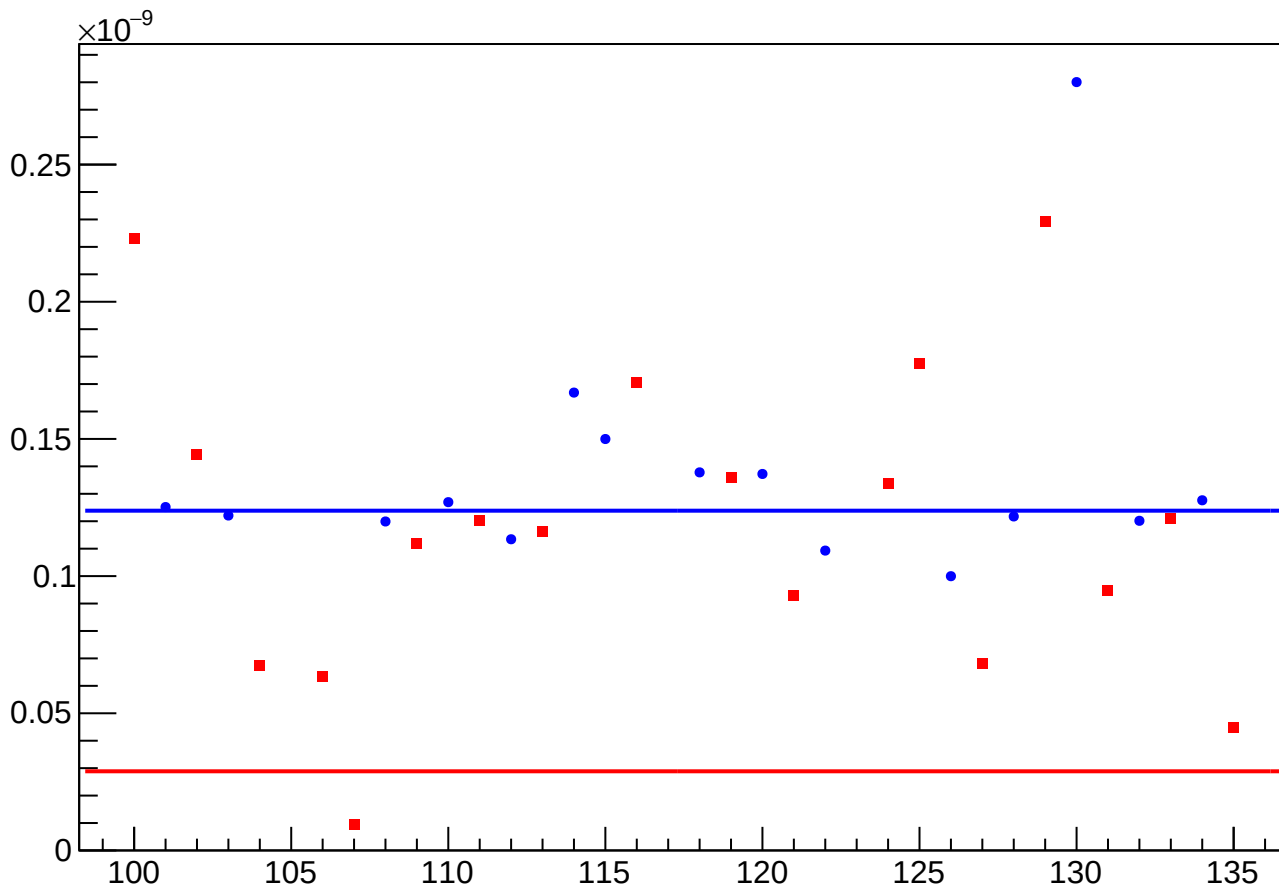
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 27.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 291308.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5409099.2/17

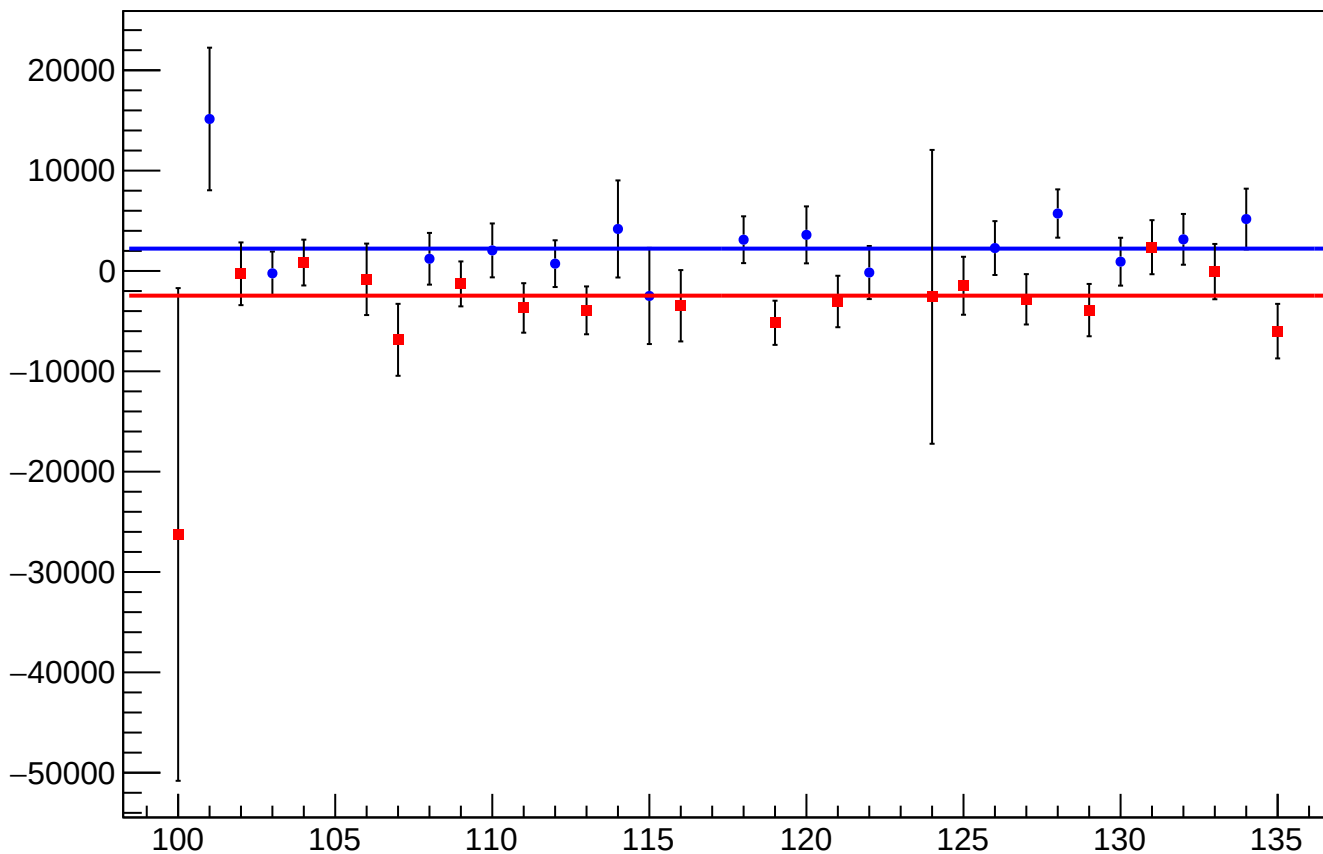
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 9615471.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_mean vs Slug



Right In: 2227.417+/-707.977 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2459.683+/-664.384 χ^2/NDF : 13.9/17

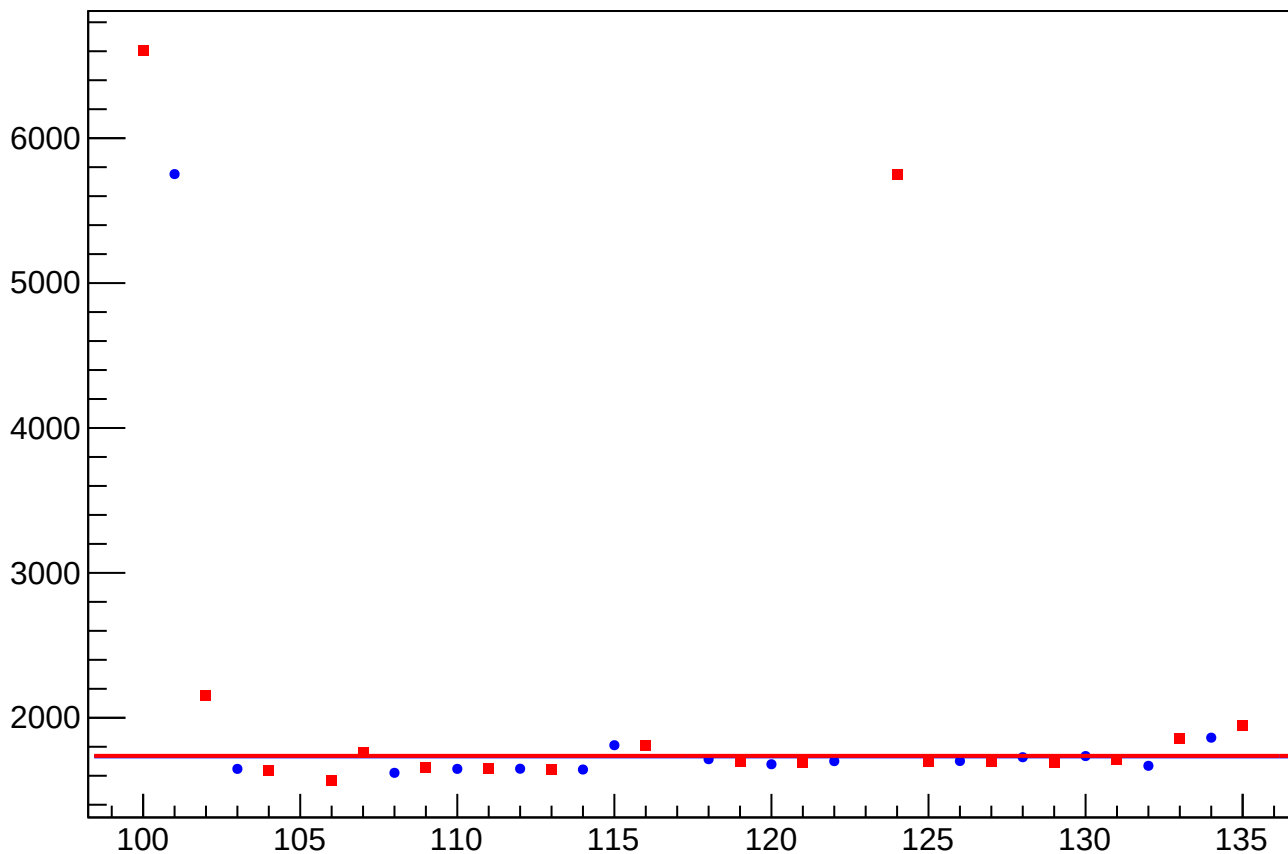
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -264.869+/-484.469 χ^2/NDF : 48.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_rms vs Slug



Right In: 1733.690+/-0.501 χ^2/NDF : 659061.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1737.217+/-0.466 χ^2/NDF : 301821.1/17

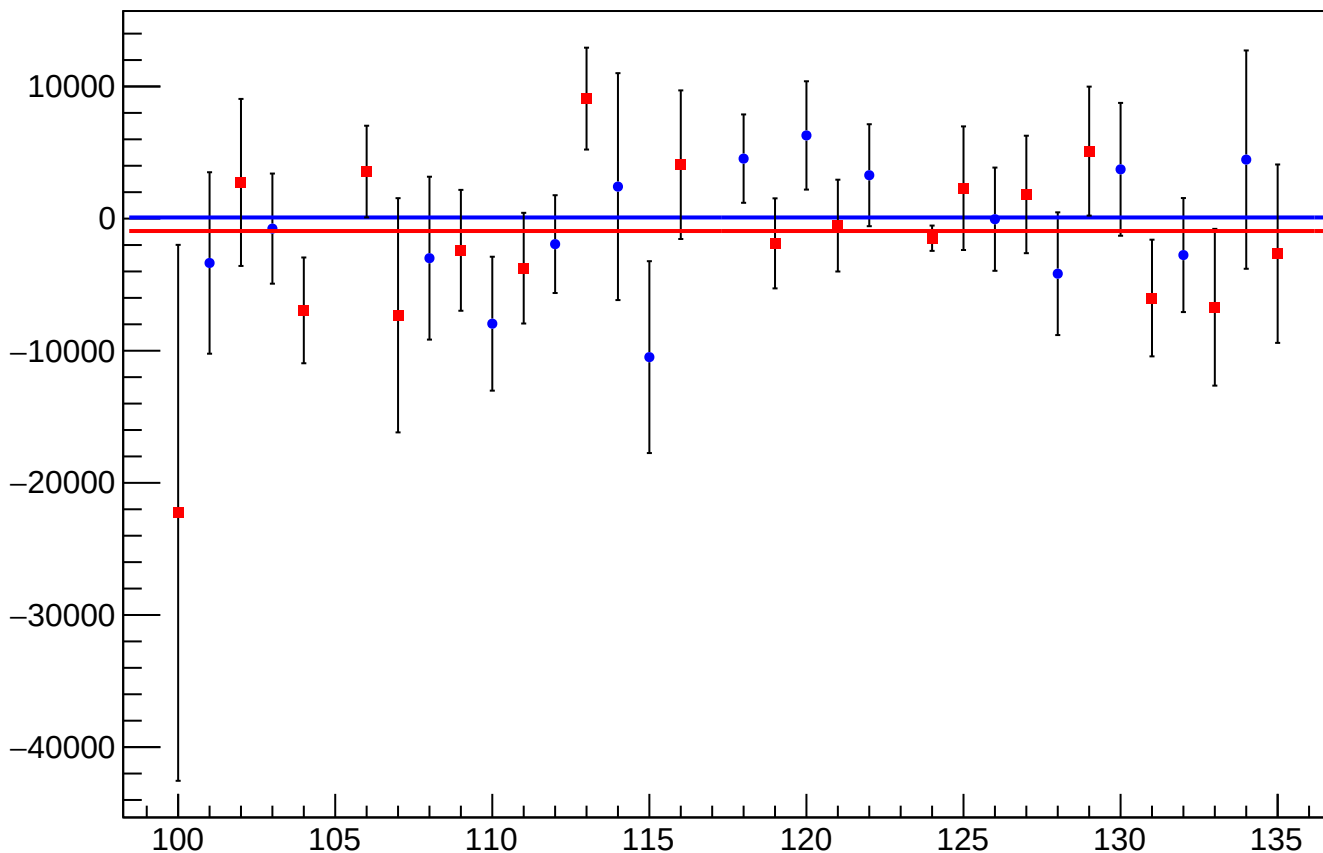
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1735.579+/-0.341 χ^2/NDF : 960908.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_mean vs Slug



Right In: 86.505+/-1207.806 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -939.927+/-727.421 χ^2/NDF : 19.1/17

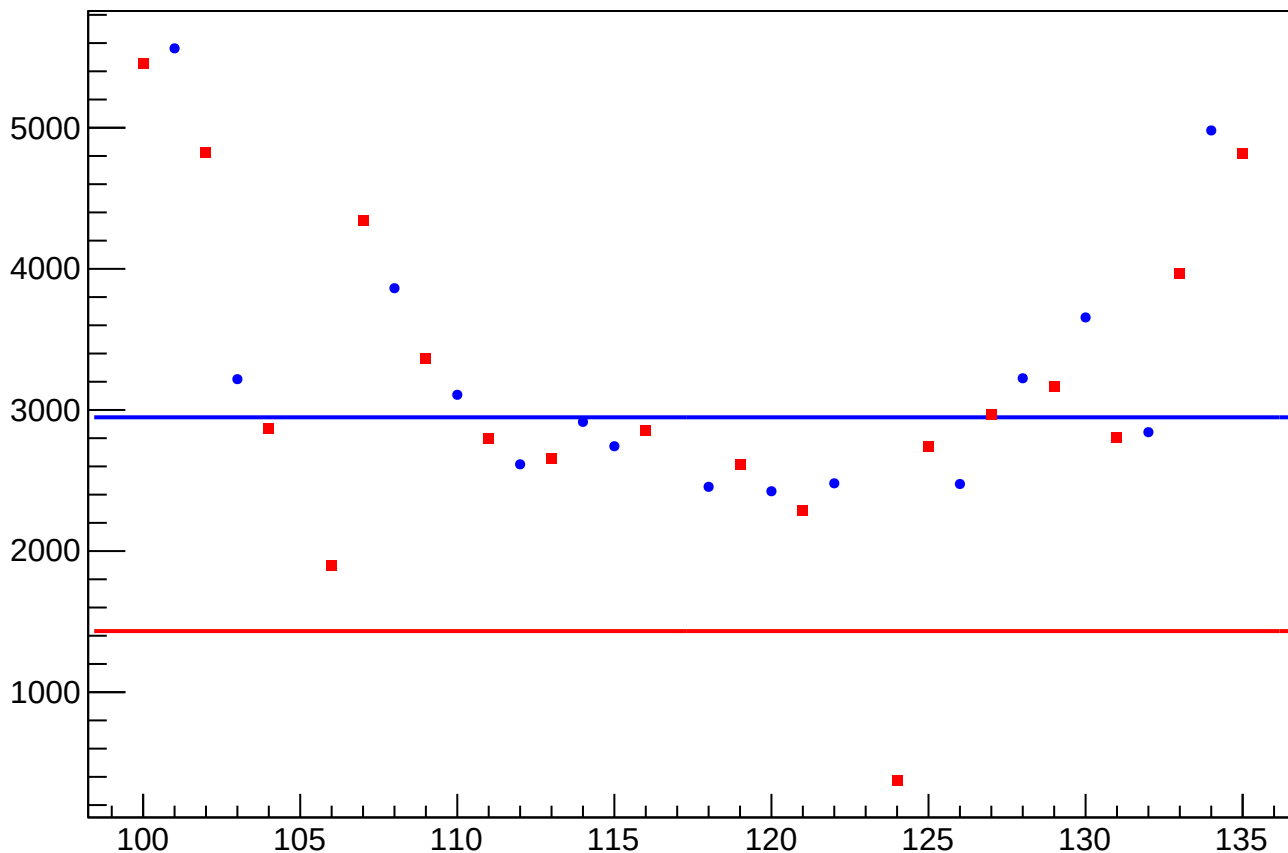
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -666.715+/-623.134 χ^2/NDF : 32.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_correction_rms vs Slug



Right In: 2947.980 $\pm$ 0.854 χ^2 /NDF: 665979.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1432.940 $\pm$ 0.514 χ^2 /NDF: 6588562.4/17

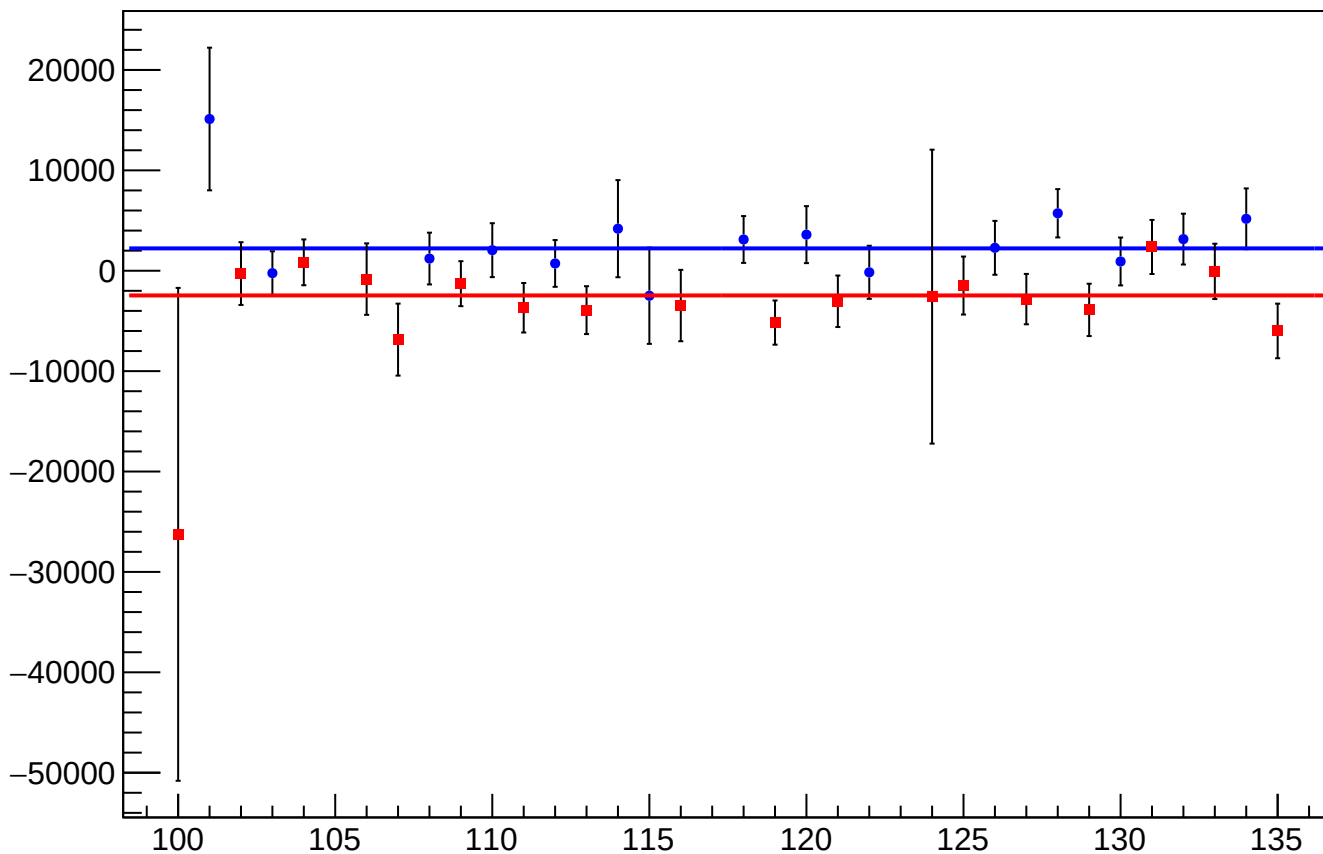
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1836.208 $\pm$ 0.441 χ^2 /NDF: 9563817.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_mean vs Slug



Right In: 2227.056 $\pm$ 707.977 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2459.779 $\pm$ 664.384 χ^2 /NDF: 13.9/17

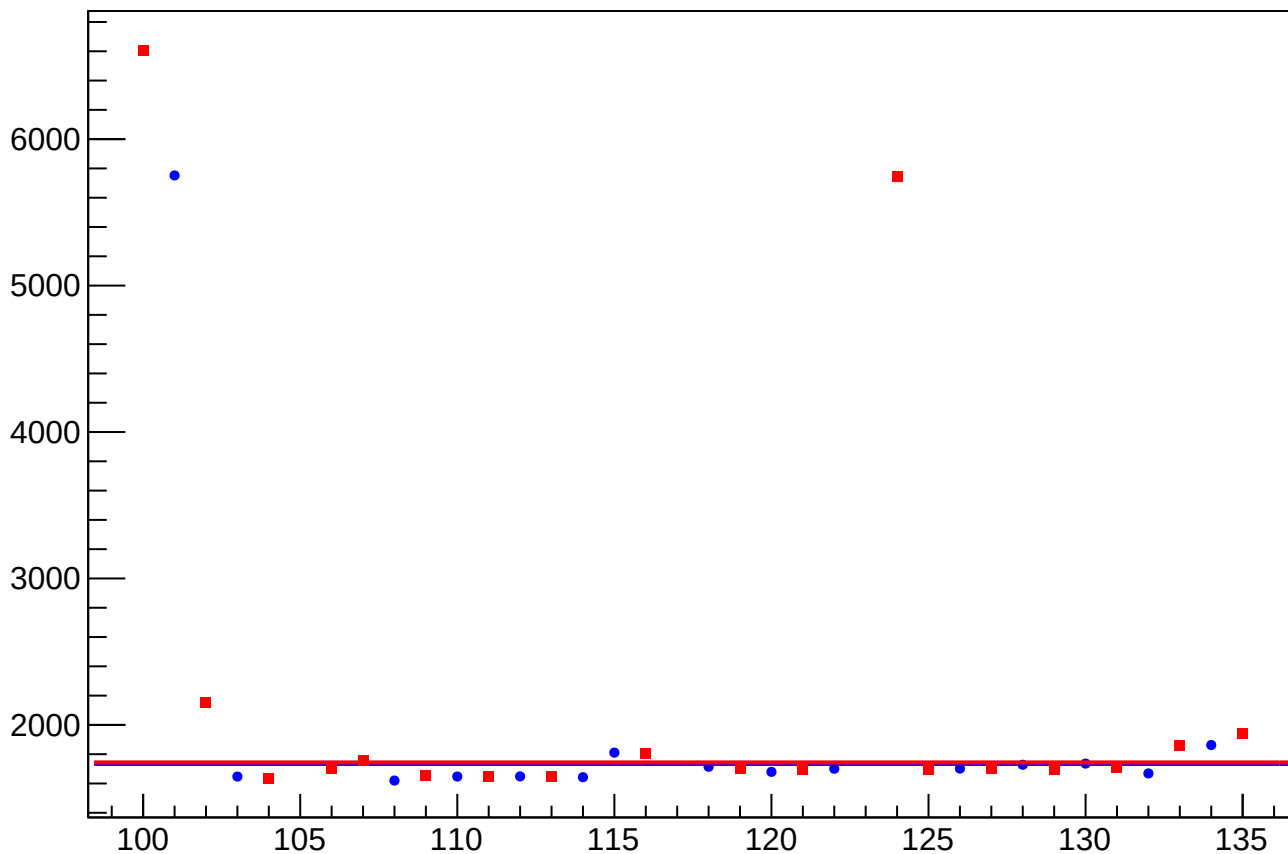
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -265.089 $\pm$ 484.469 χ^2 /NDF: 48.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atr1l2_avg_rms vs Slug



Right In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.089+/-0.468 χ^2/NDF : 295321.3/17

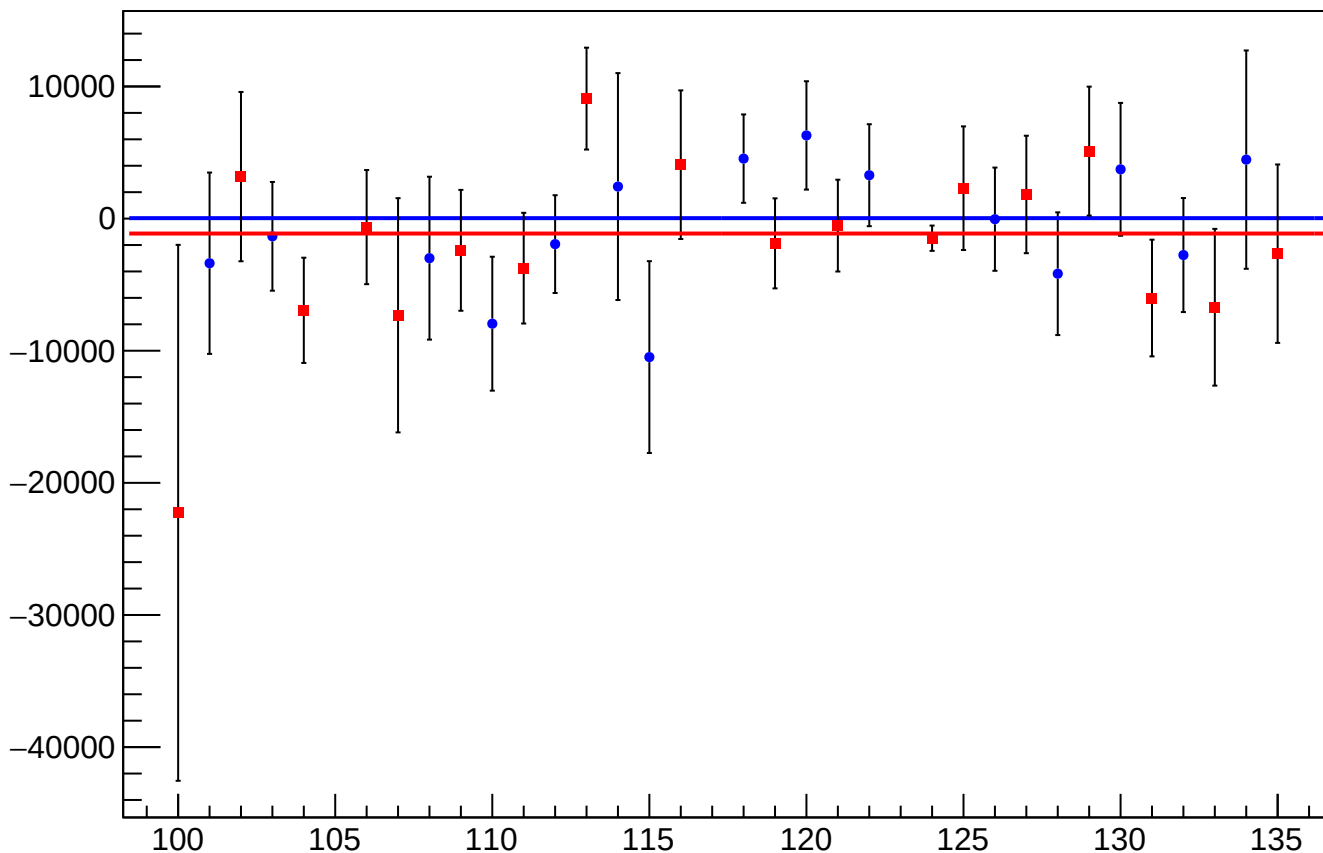
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.239+/-0.342 χ^2/NDF : 954612.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_mean vs Slug



Right In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1130.258+/-733.182 χ^2/NDF : 17.5/17

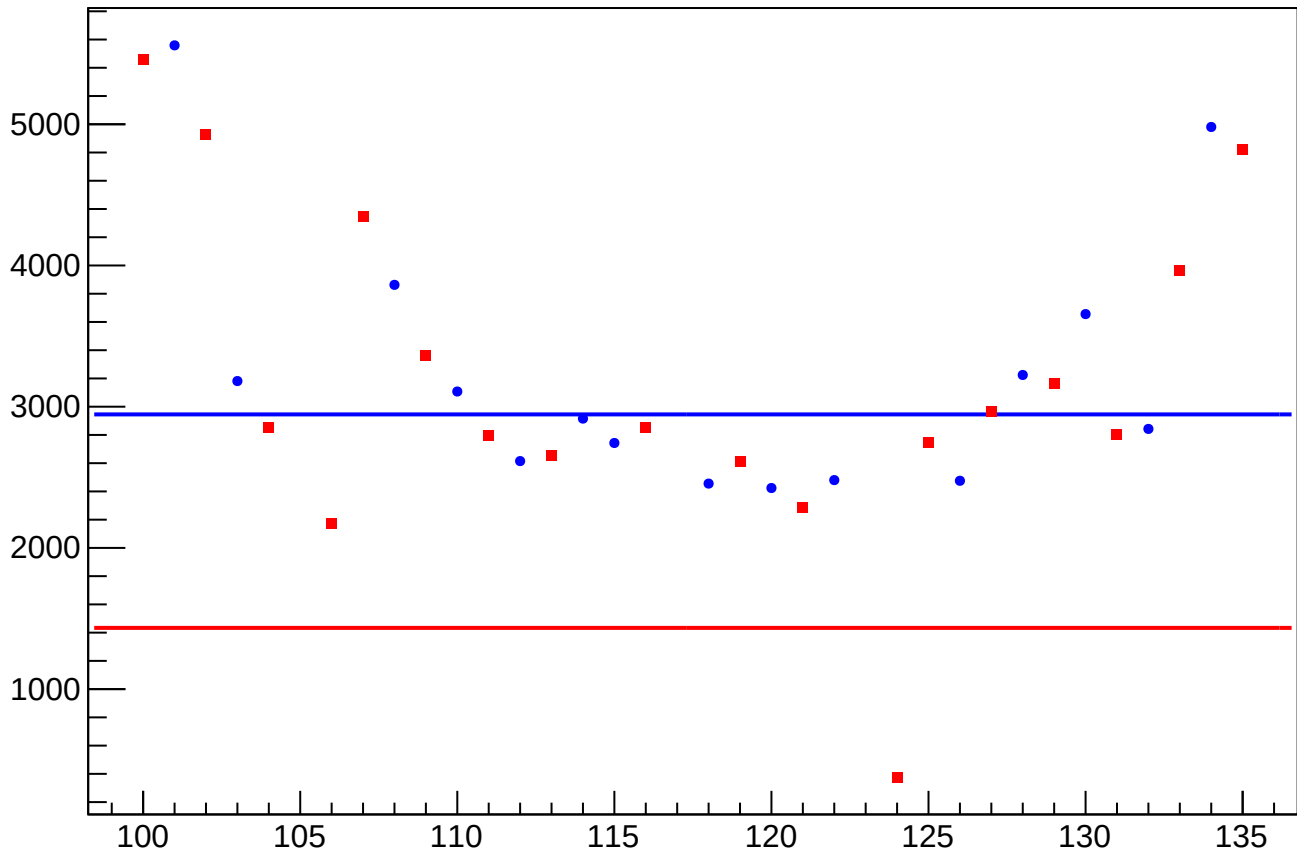
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.282+/-626.561 χ^2/NDF : 30.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_cor_correction_rms vs Slug



Right In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1433.694+/-0.518 χ^2/NDF : 6627455.1/17

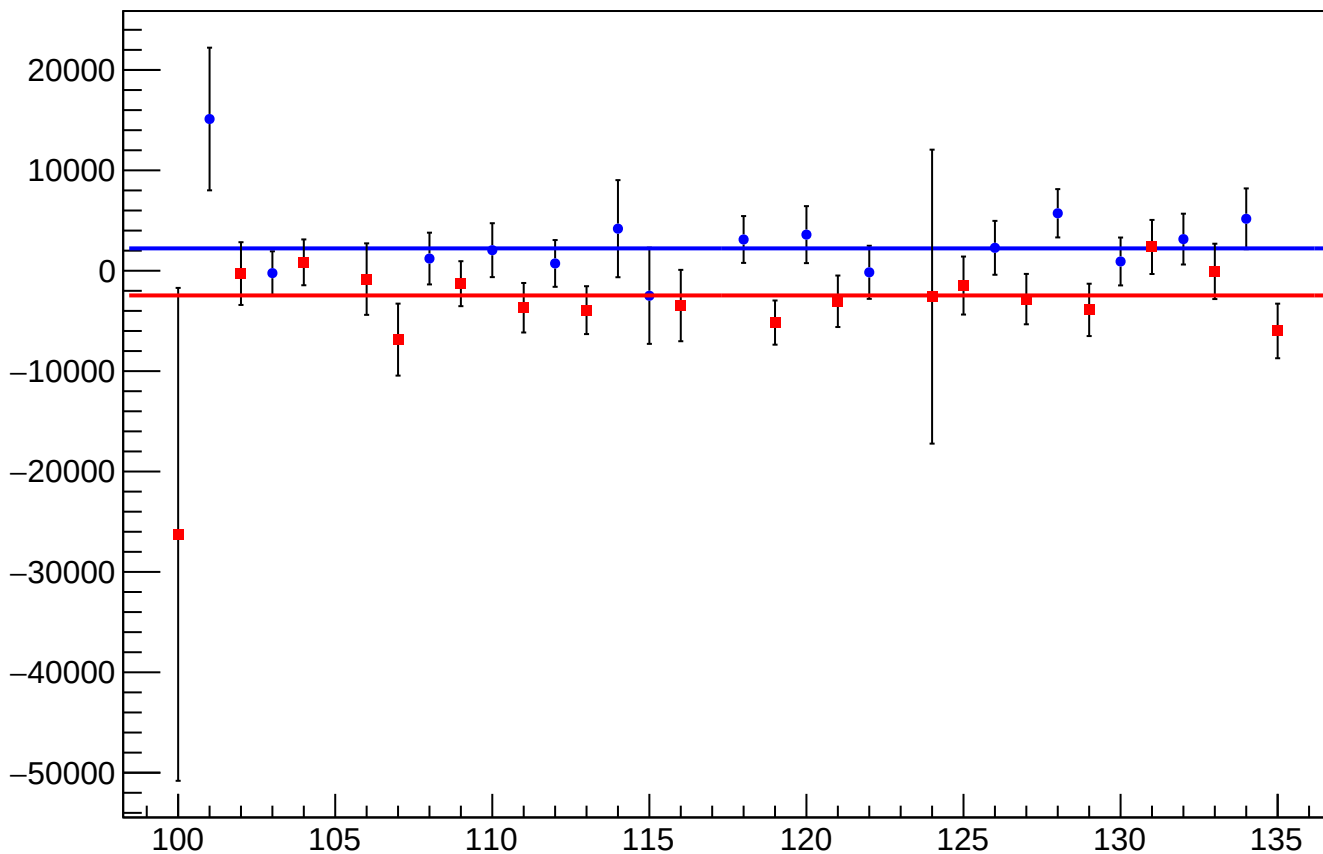
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1841.397+/-0.443 χ^2/NDF : 9584049.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_avg_mean vs Slug



Right In: 2227.056 $\pm$ 707.977 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2459.779 $\pm$ 664.384 χ^2 /NDF: 13.9/17

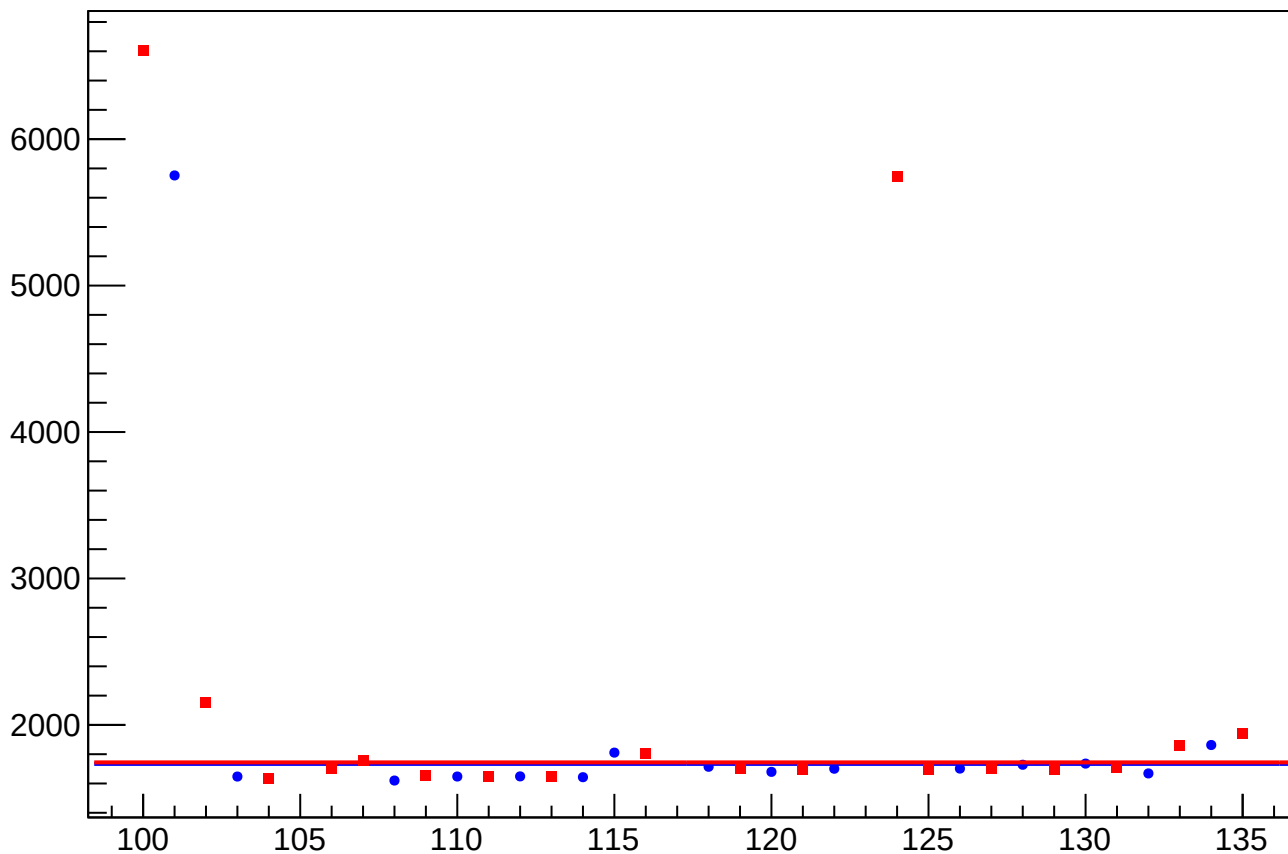
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -265.089 $\pm$ 484.469 χ^2 /NDF: 48.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_avg_rms vs Slug



Right In: 1733.689+/-0.501 χ^2/NDF : 659061.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1744.089+/-0.468 χ^2/NDF : 295321.3/17

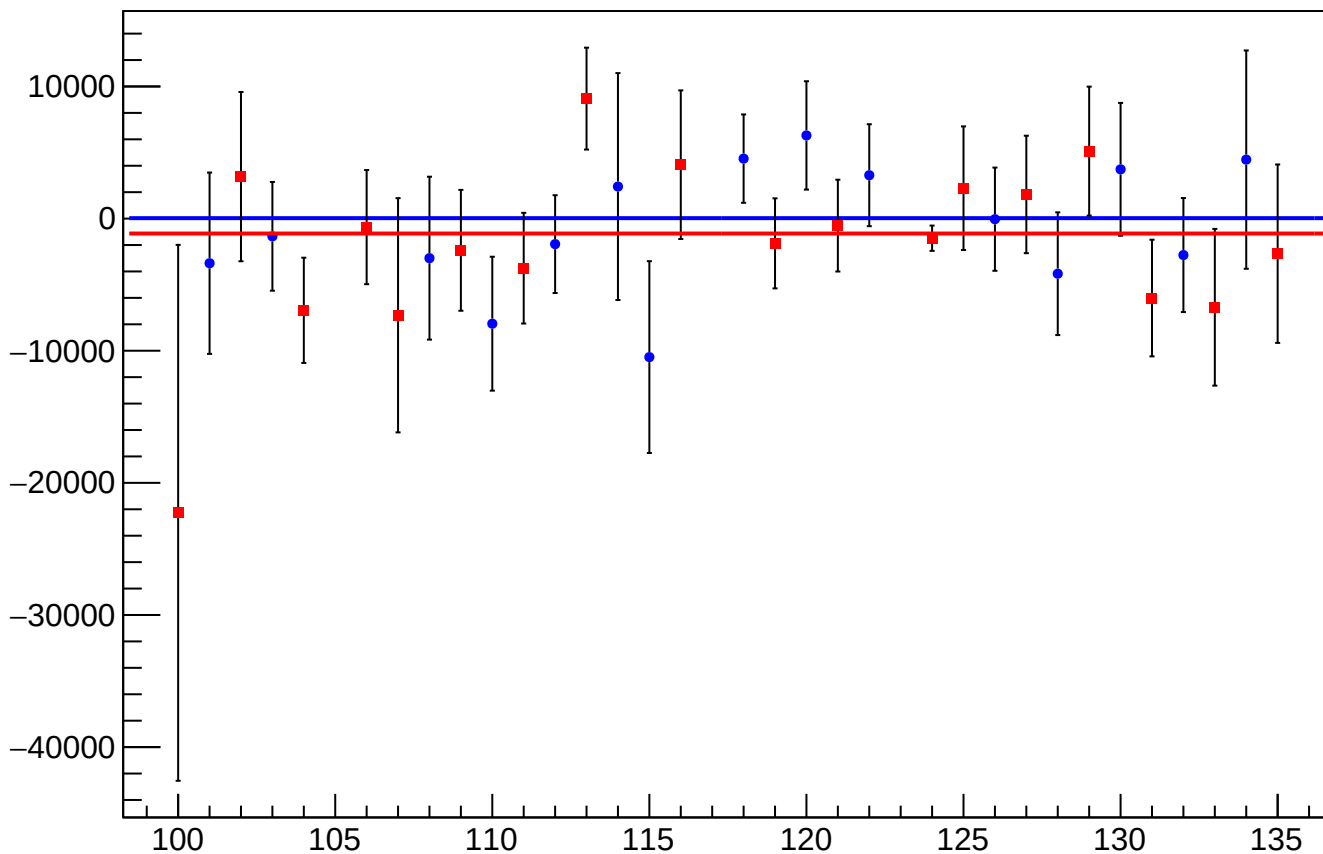
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1739.239+/-0.342 χ^2/NDF : 954612.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_mean vs Slug



Right In: 33.919+/-1206.491 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1130.258+/-733.182 χ^2/NDF : 17.5/17

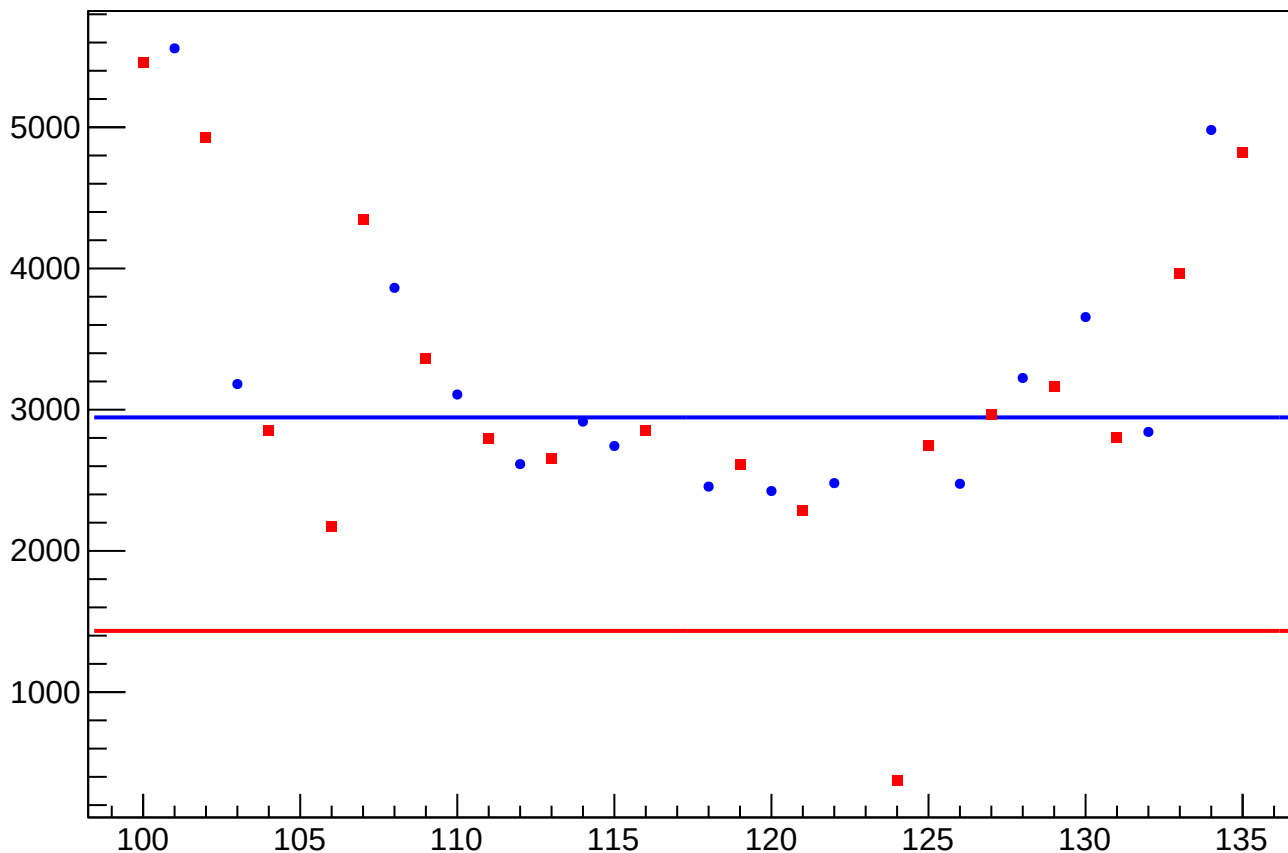
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -816.282+/-626.561 χ^2/NDF : 30.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_correction_rms vs Slug



Right In: 2945.394+/-0.853 χ^2/NDF : 663533.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

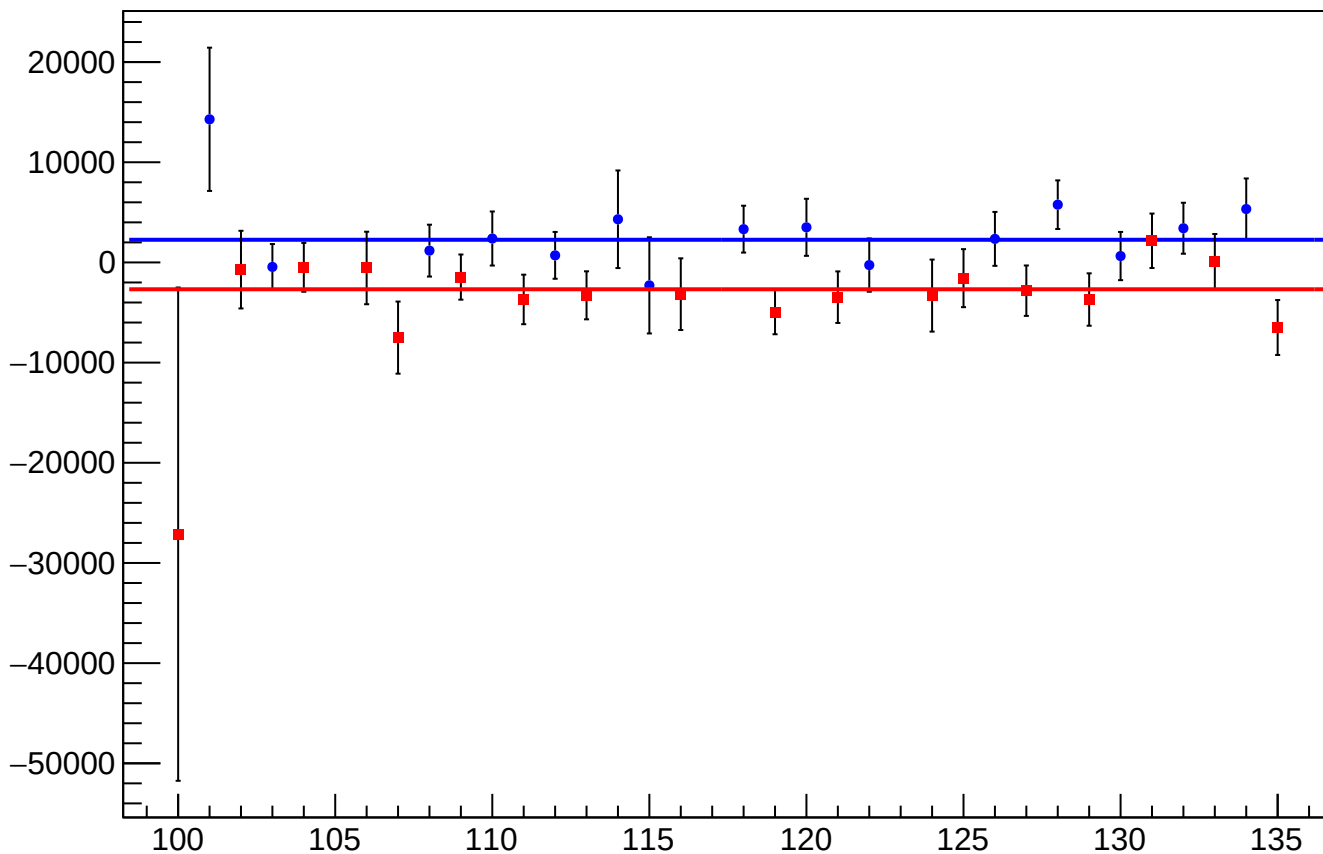
Right Out: 1433.694+/-0.518 χ^2/NDF : 6627455.1/17

All: 1841.397+/-0.443 χ^2/NDF : 9584049.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_mean vs Slug



Right In: 2261.729+/-714.996 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2679.439+/-665.749 χ^2/NDF : 12.3/17

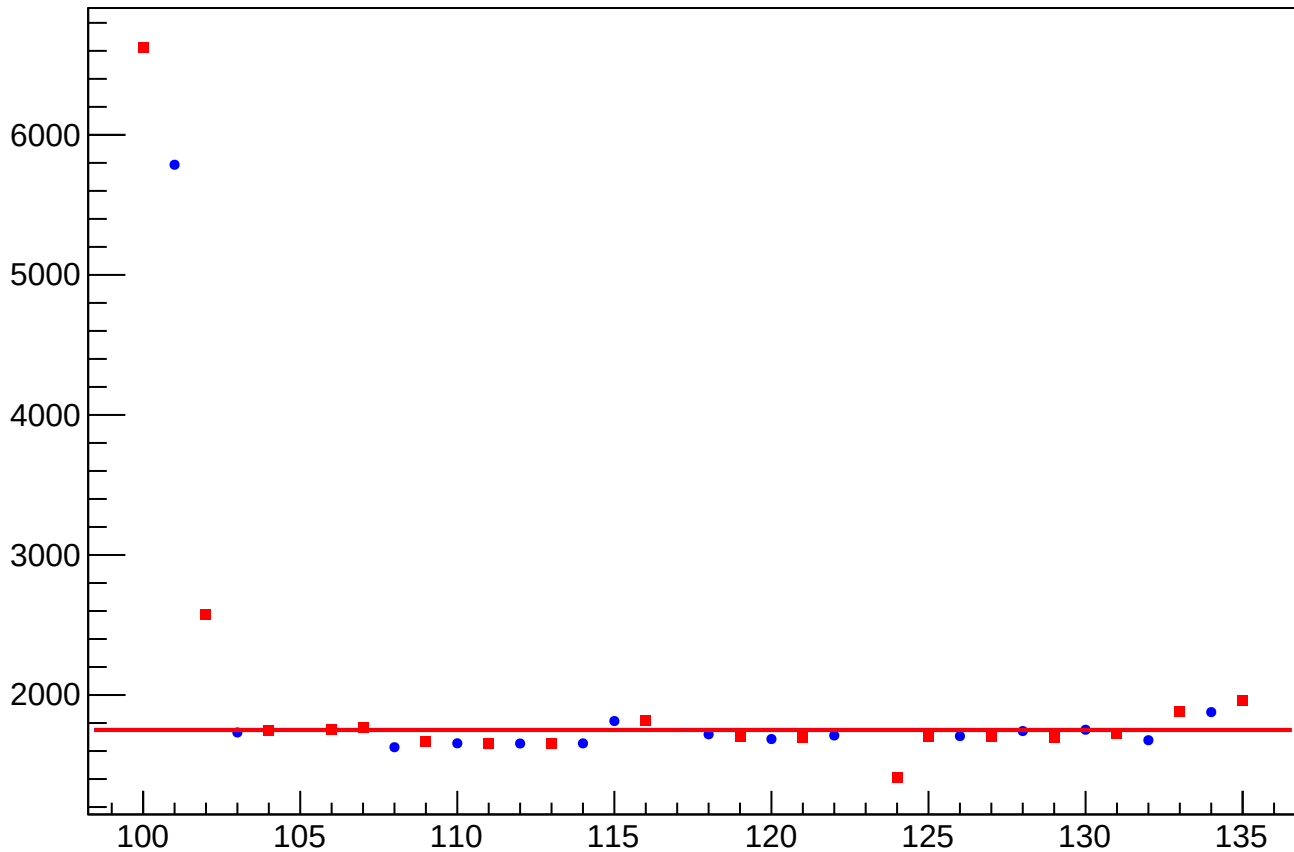
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -384.866+/-487.236 χ^2/NDF : 48.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.988+/-0.506 χ^2/NDF : 656598.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1749.602+/-0.469 χ^2/NDF : 216158.0/17

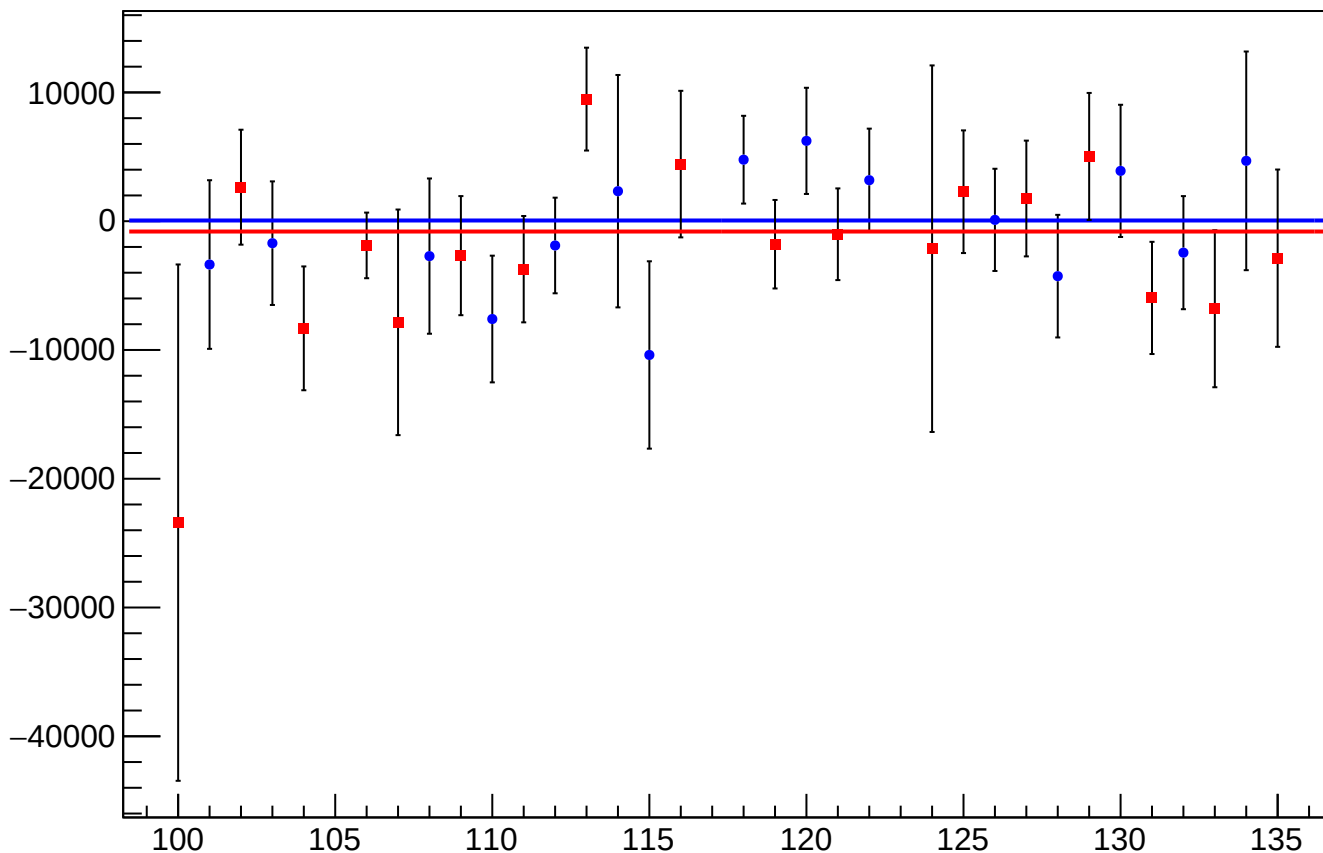
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1750.244+/-0.344 χ^2/NDF : 872760.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_correction_mean vs Slug



Right In: 55.108 $\pm$ 1232.894 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -801.892 $\pm$ 1074.710 χ^2 /NDF: 18.0/17

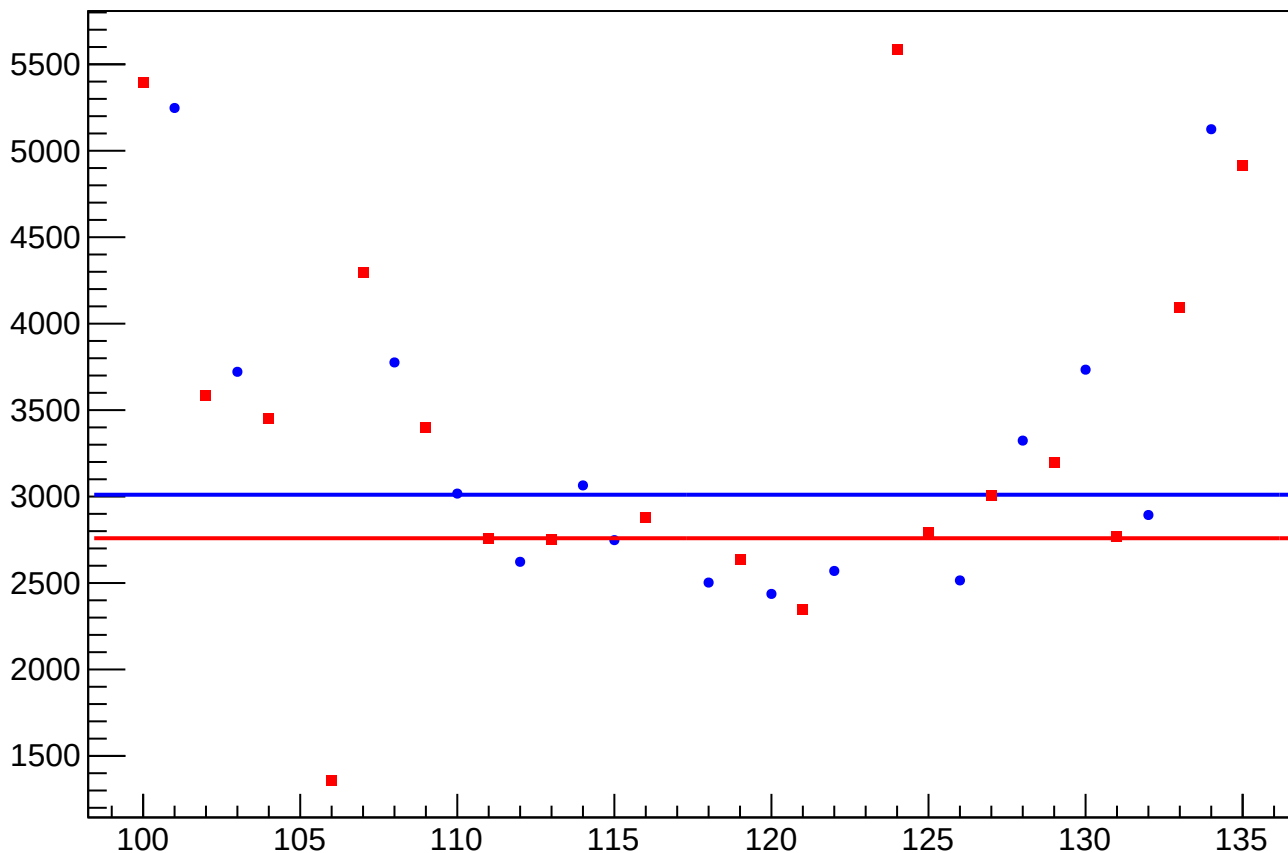
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -431.864 $\pm$ 810.126 χ^2 /NDF: 30.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_dit_correction_rms vs Slug



Right In: 3010.607 $\pm$ 0.872 χ^2 /NDF: 646325.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

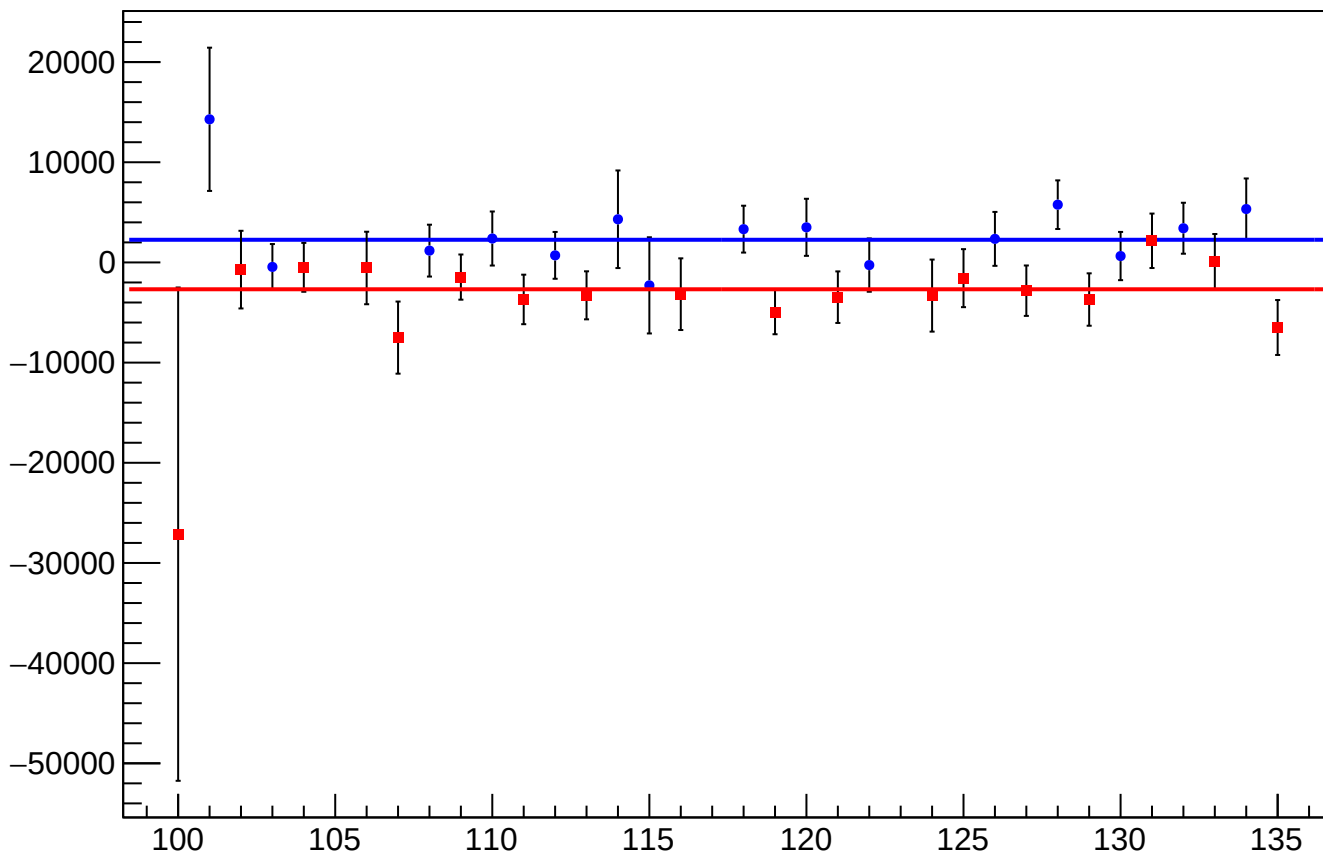
Right Out: 2759.011 $\pm$ 0.760 χ^2 /NDF: 1272496.1/17

All: 2867.643 $\pm$ 0.573 χ^2 /NDF: 1966148.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_mean vs Slug



Right In: 2261.734 $\pm$ 714.996 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2679.440 $\pm$ 665.749 χ^2 /NDF: 12.3/17

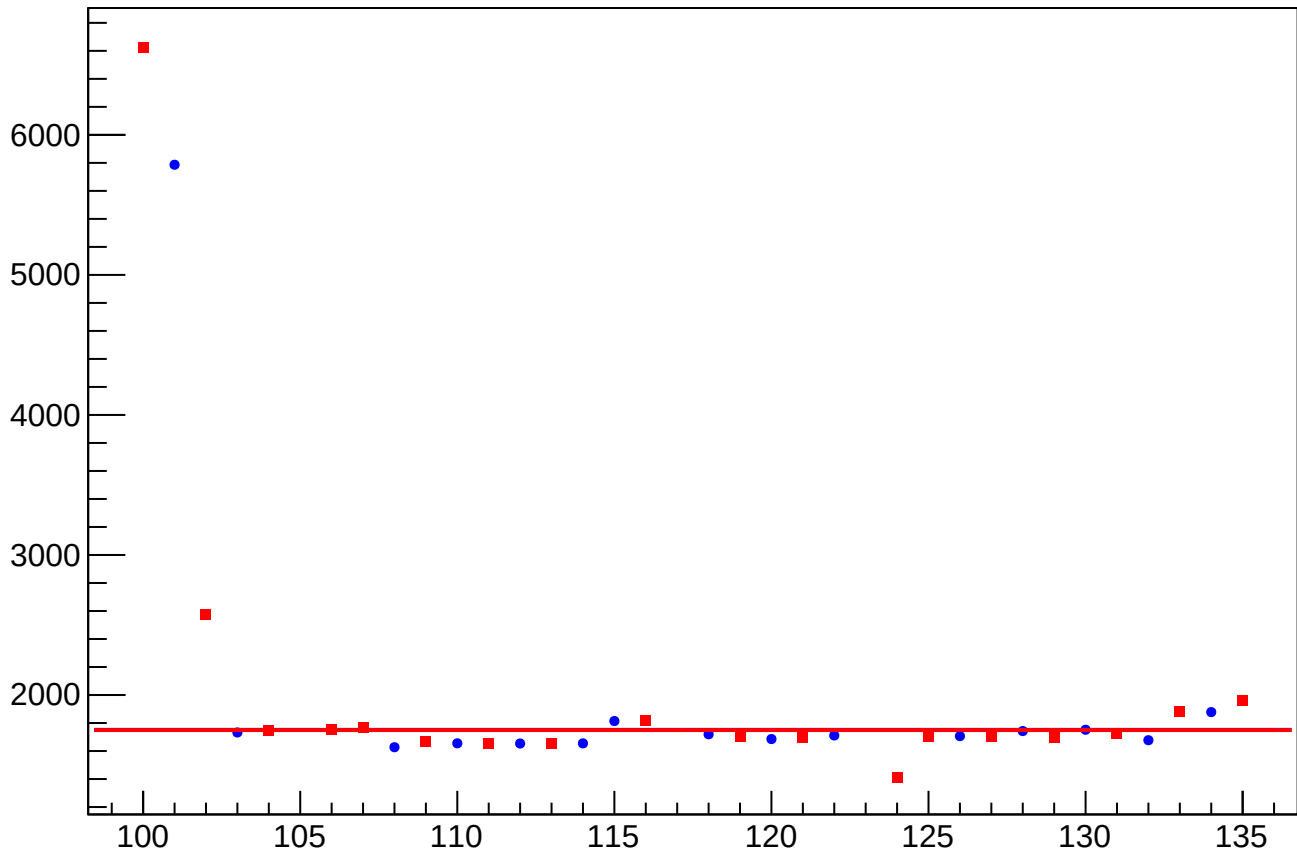
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -384.864 $\pm$ 487.236 χ^2 /NDF: 48.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atr1l2_avg_rms vs Slug



Right In: 1750.988 $\pm$ 0.506 χ^2 /NDF: 656598.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1749.602 $\pm$ 0.469 χ^2 /NDF: 216158.0/17

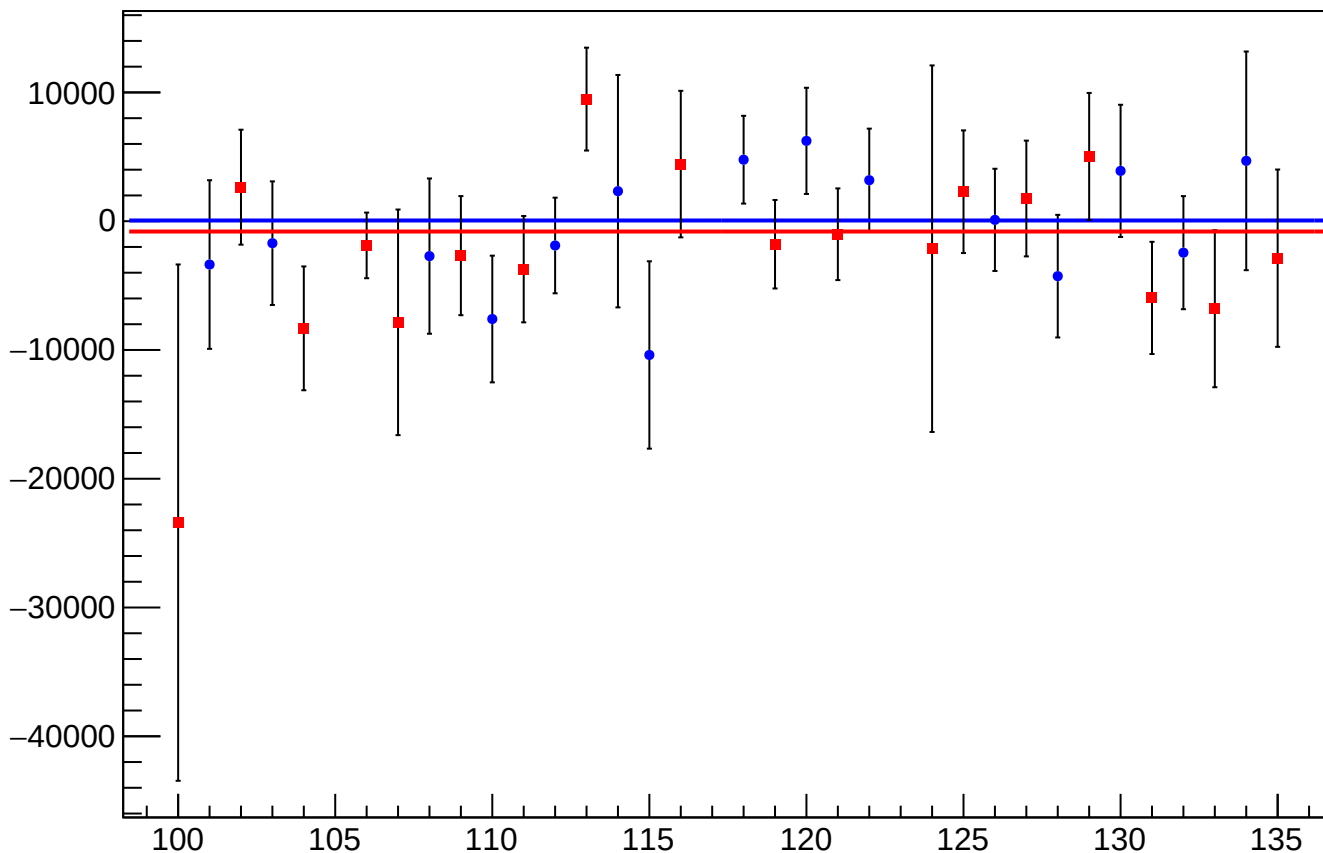
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1750.244 $\pm$ 0.344 χ^2 /NDF: 872760.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_correction_mean vs Slug



Right In: 55.111+/-1232.890 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -801.893+/-1074.705 χ^2/NDF : 18.0/17

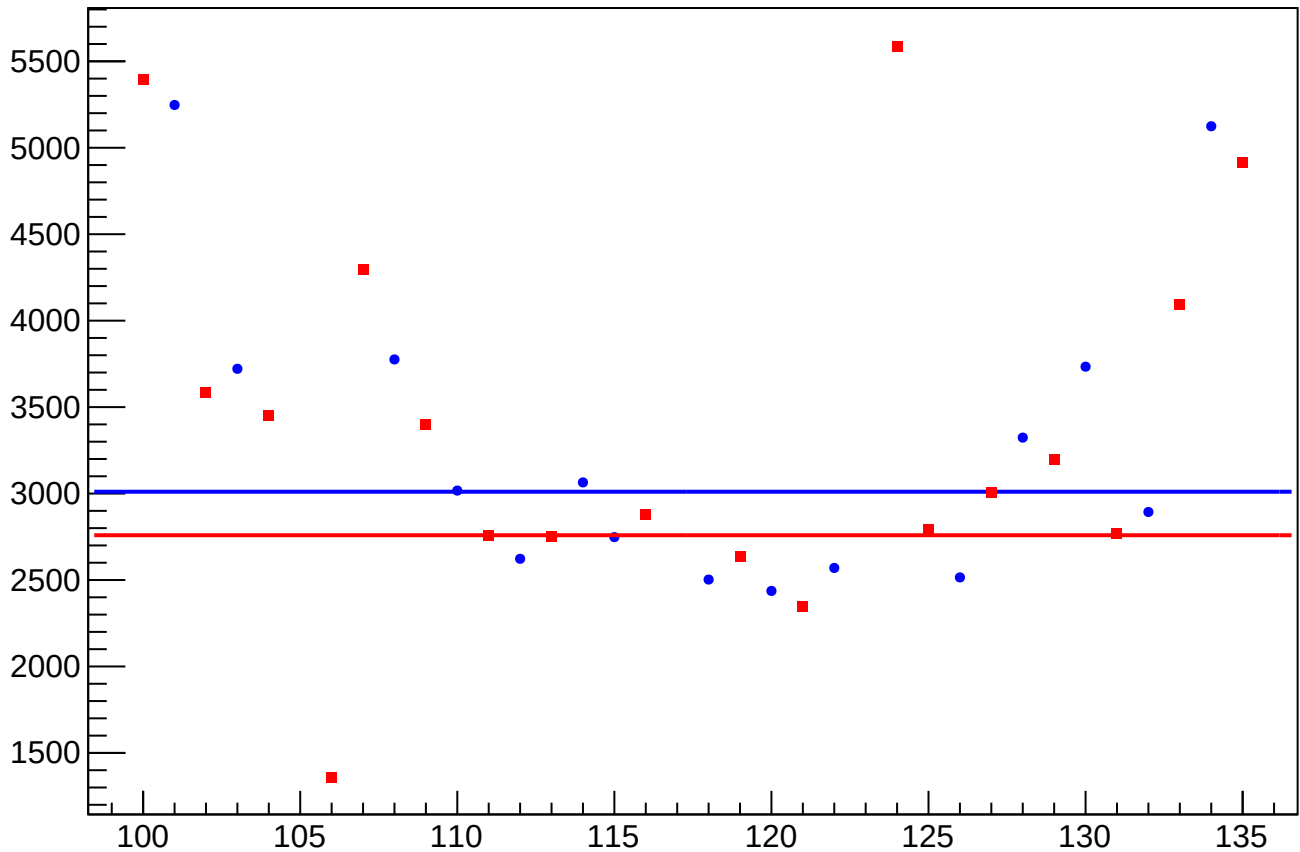
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -431.864+/-810.123 χ^2/NDF : 30.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_correction_rms vs Slug



Right In: 3010.595 $\pm$ 0.872 χ^2 /NDF: 646330.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

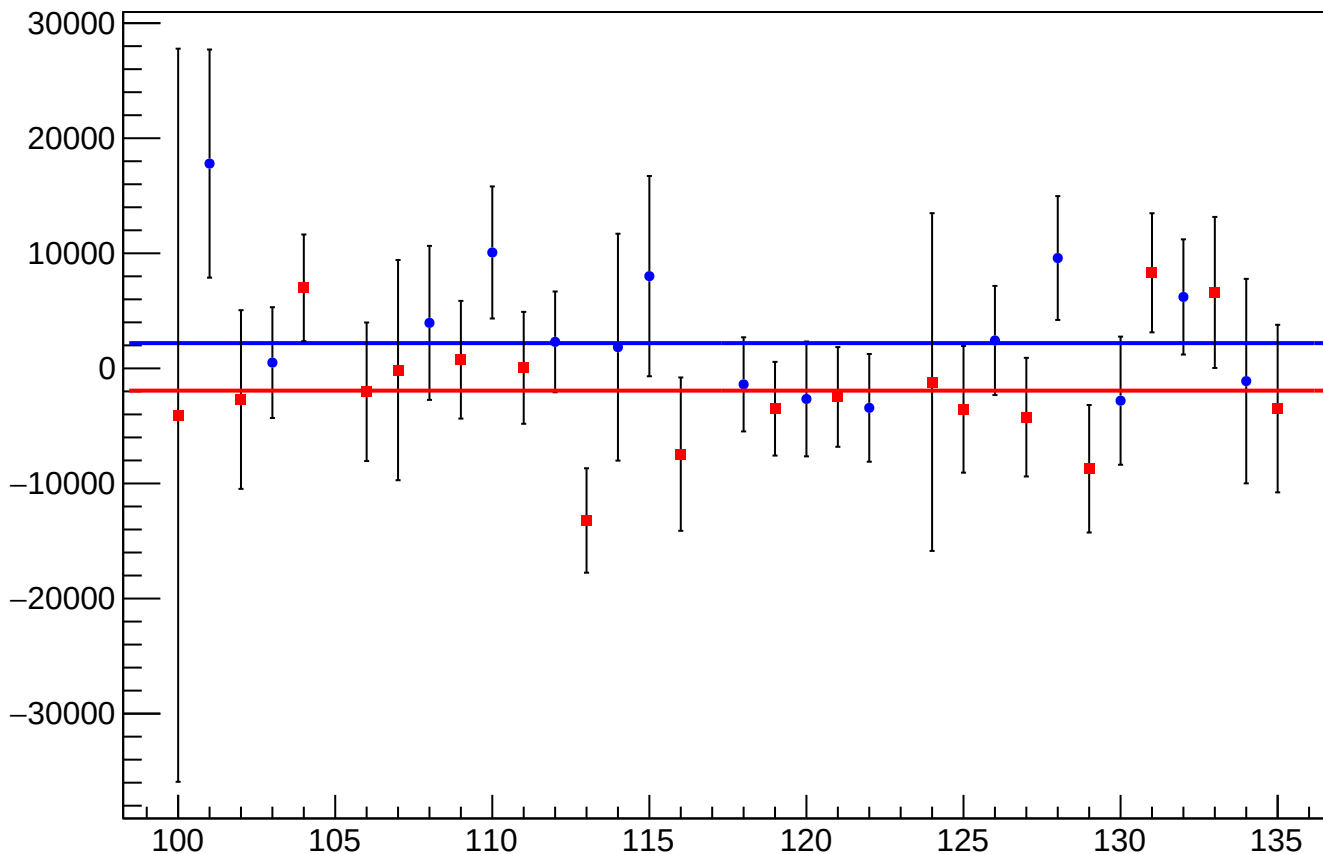
Right Out: 2758.998 $\pm$ 0.760 χ^2 /NDF: 1272513.8/17

All: 2867.630 $\pm$ 0.573 χ^2 /NDF: 1966172.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_mean vs Slug



Right In: 2195.070 $\pm$ 1426.924 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1932.328 $\pm$ 1342.069 χ^2 /NDF: 18.7/17

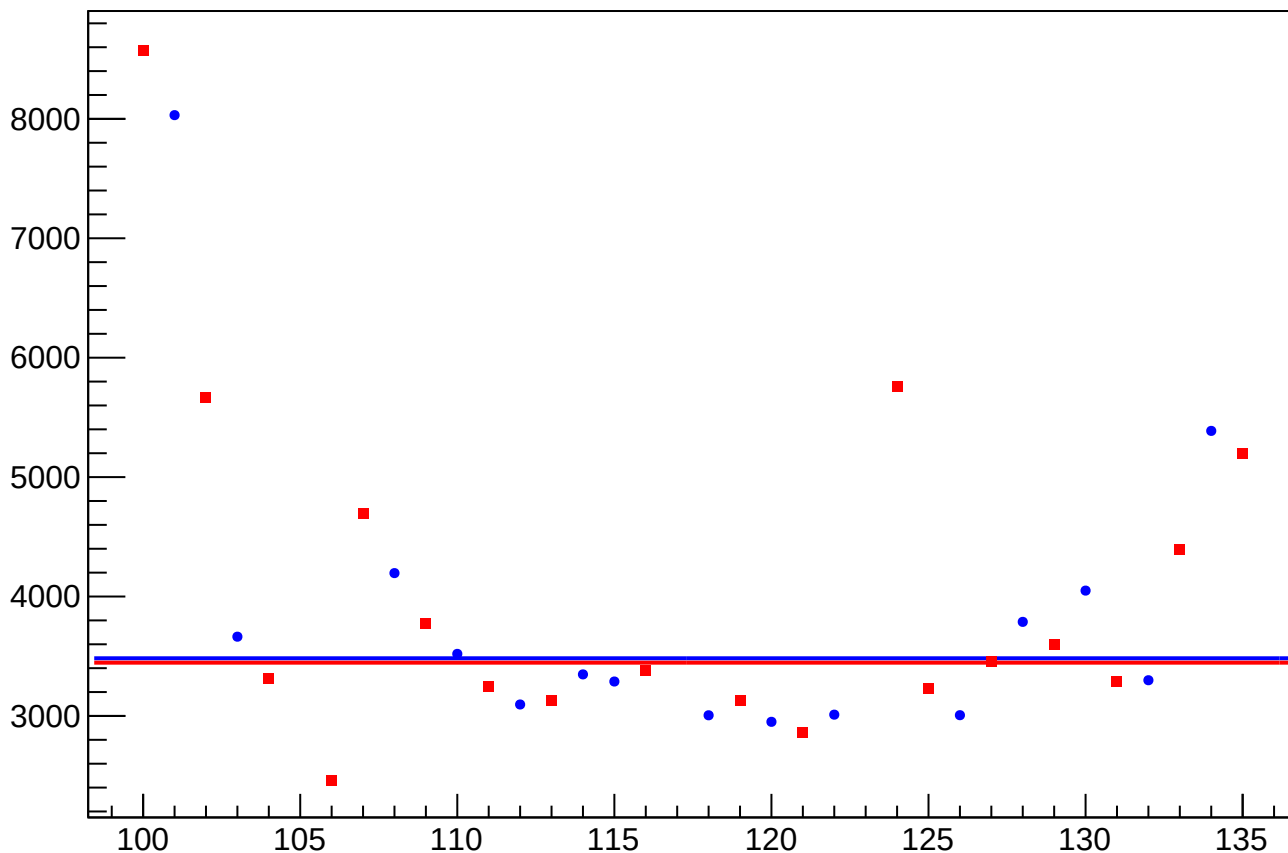
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.006 $\pm$ 977.608 χ^2 /NDF: 34.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_rms vs Slug



Right In: 3482.766+/-1.009 χ^2/NDF : 676010.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3446.144+/-0.934 χ^2/NDF : 622297.0/17

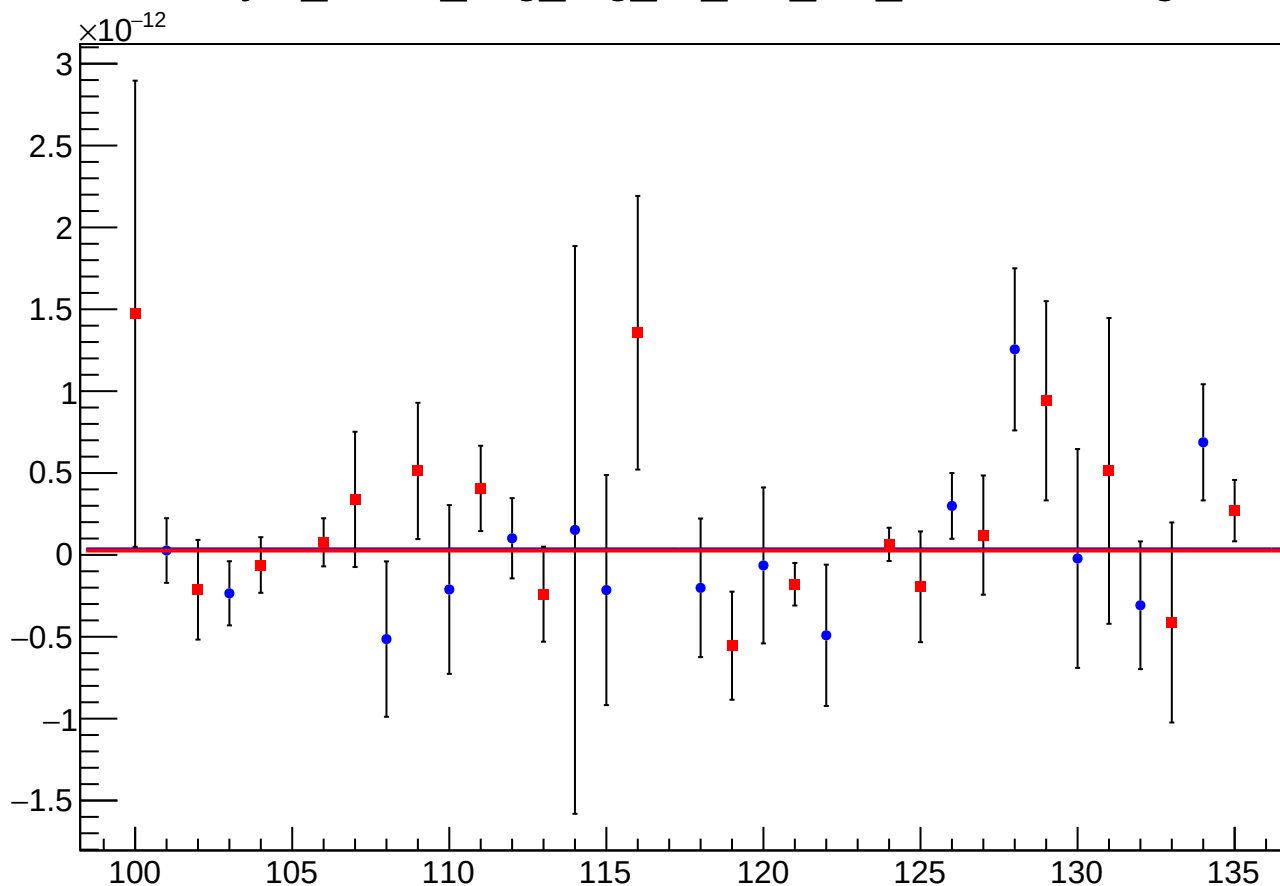
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3463.051+/-0.686 χ^2/NDF : 1299017.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/14

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

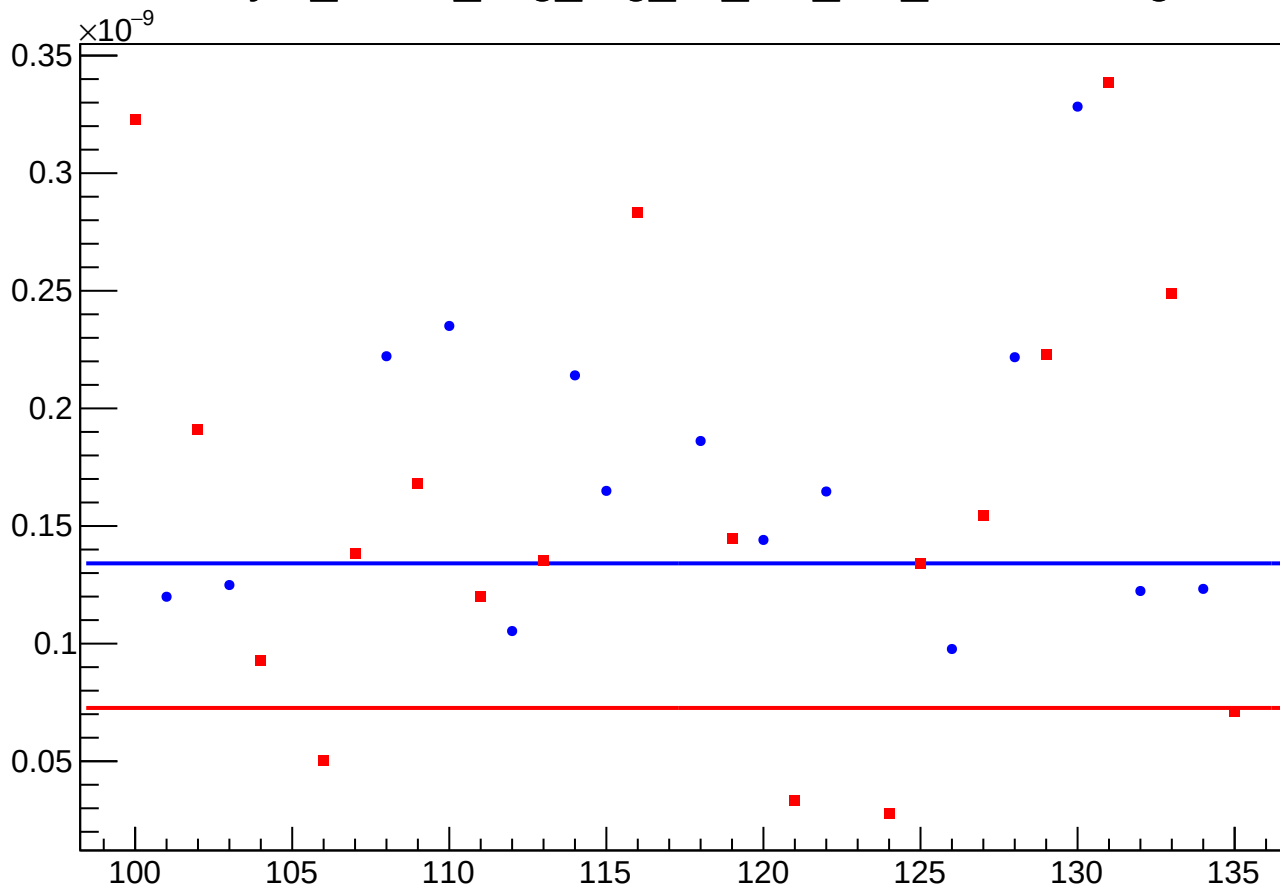
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 37.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 538298.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2171375.0/17

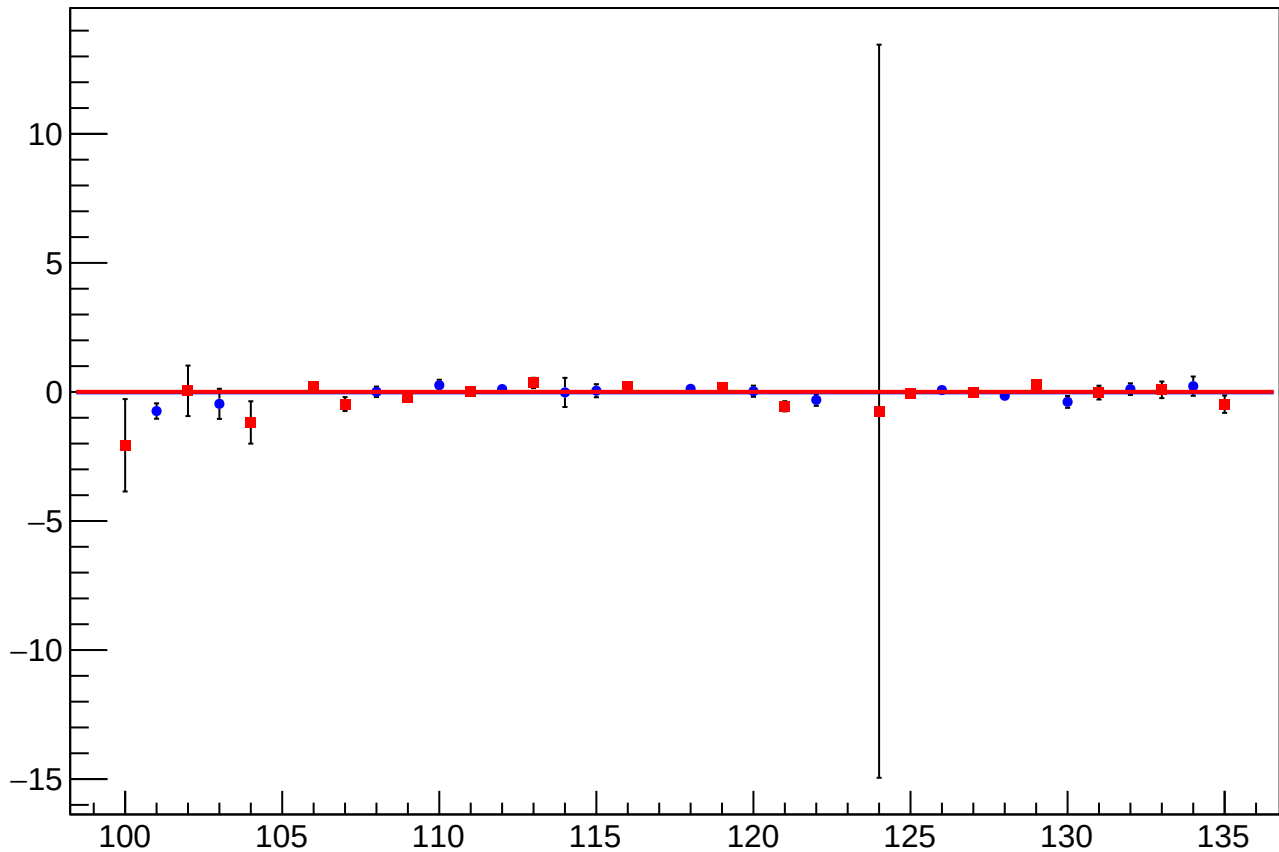
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3464481.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.051 χ^2/NDF : 28.6/17

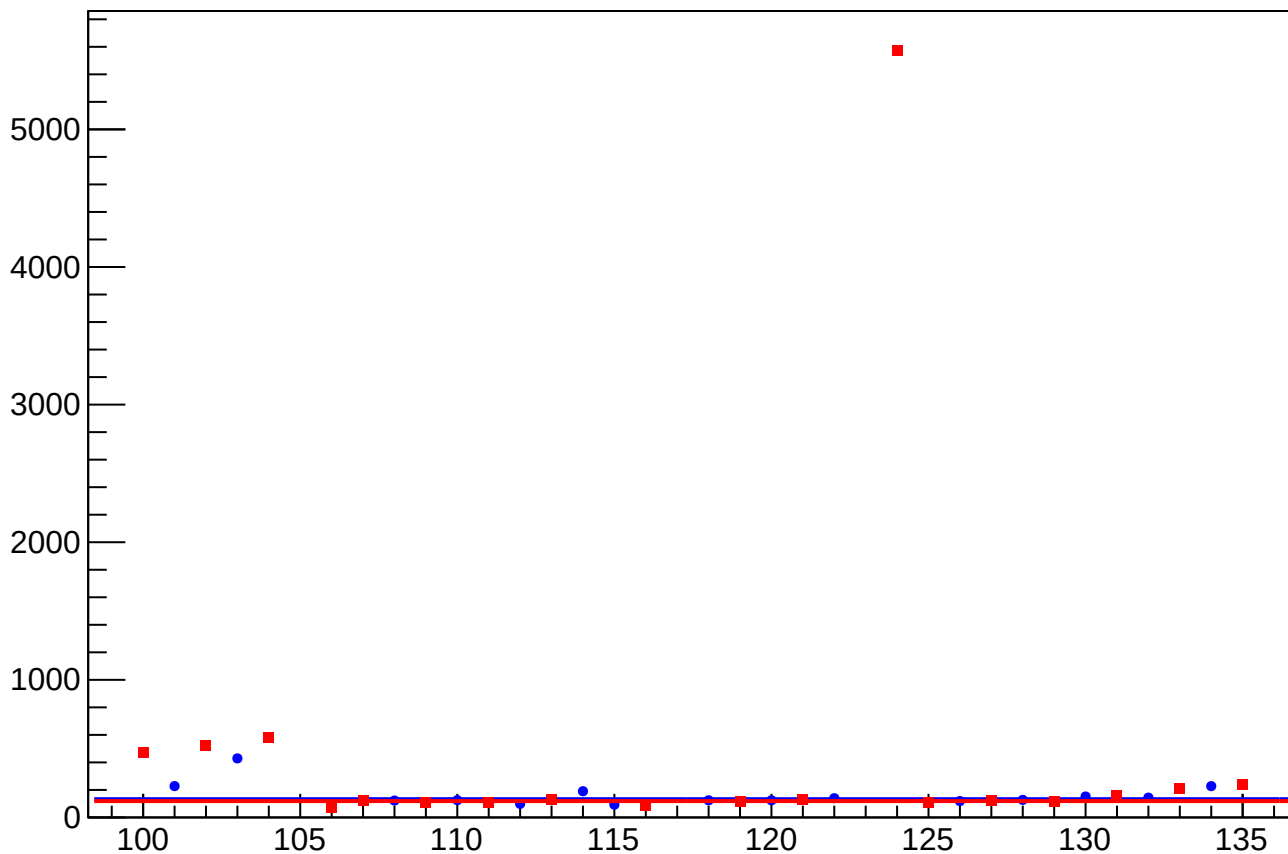
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.038 χ^2/NDF : 43.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.017+/-0.036 χ^2/NDF : 2091529.1/17

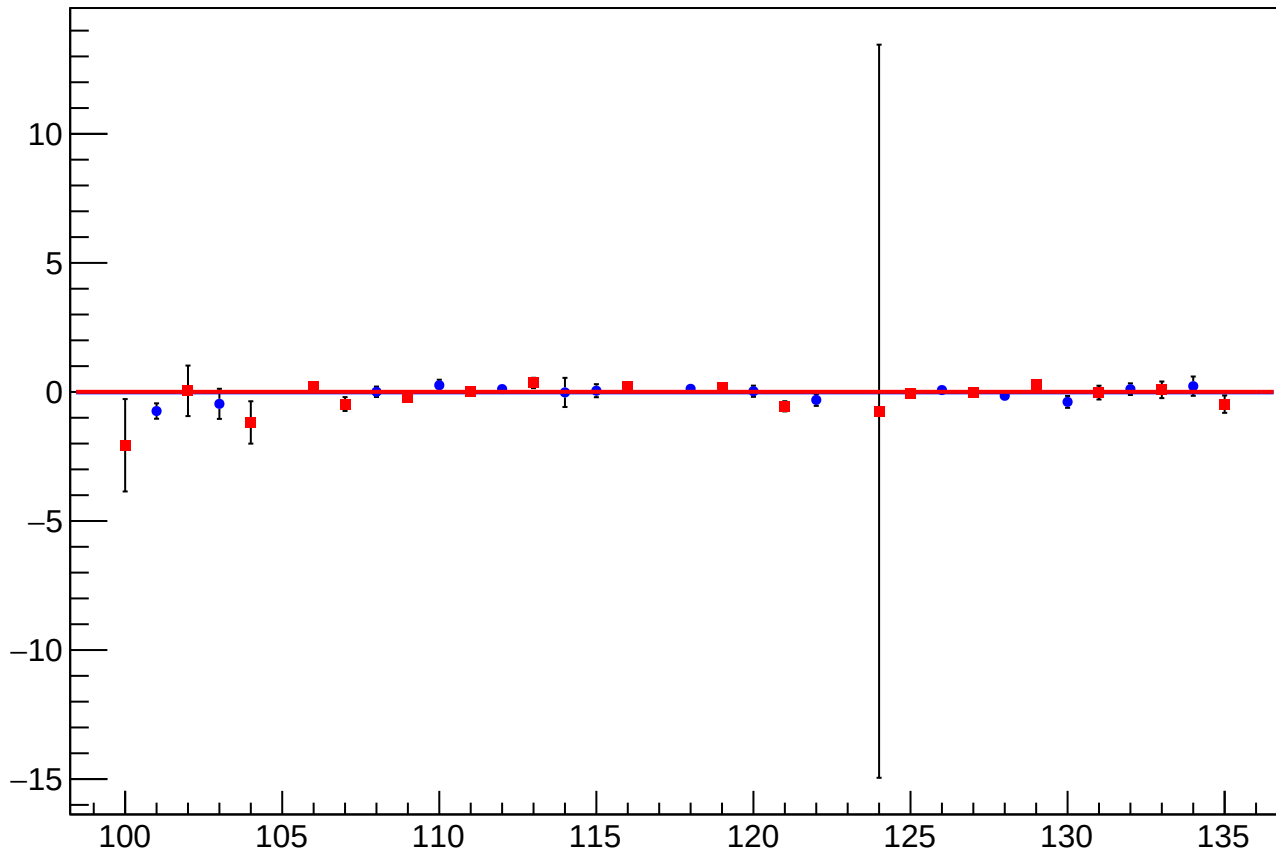
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.081+/-0.027 χ^2/NDF : 3226469.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.051 χ^2/NDF : 28.6/17

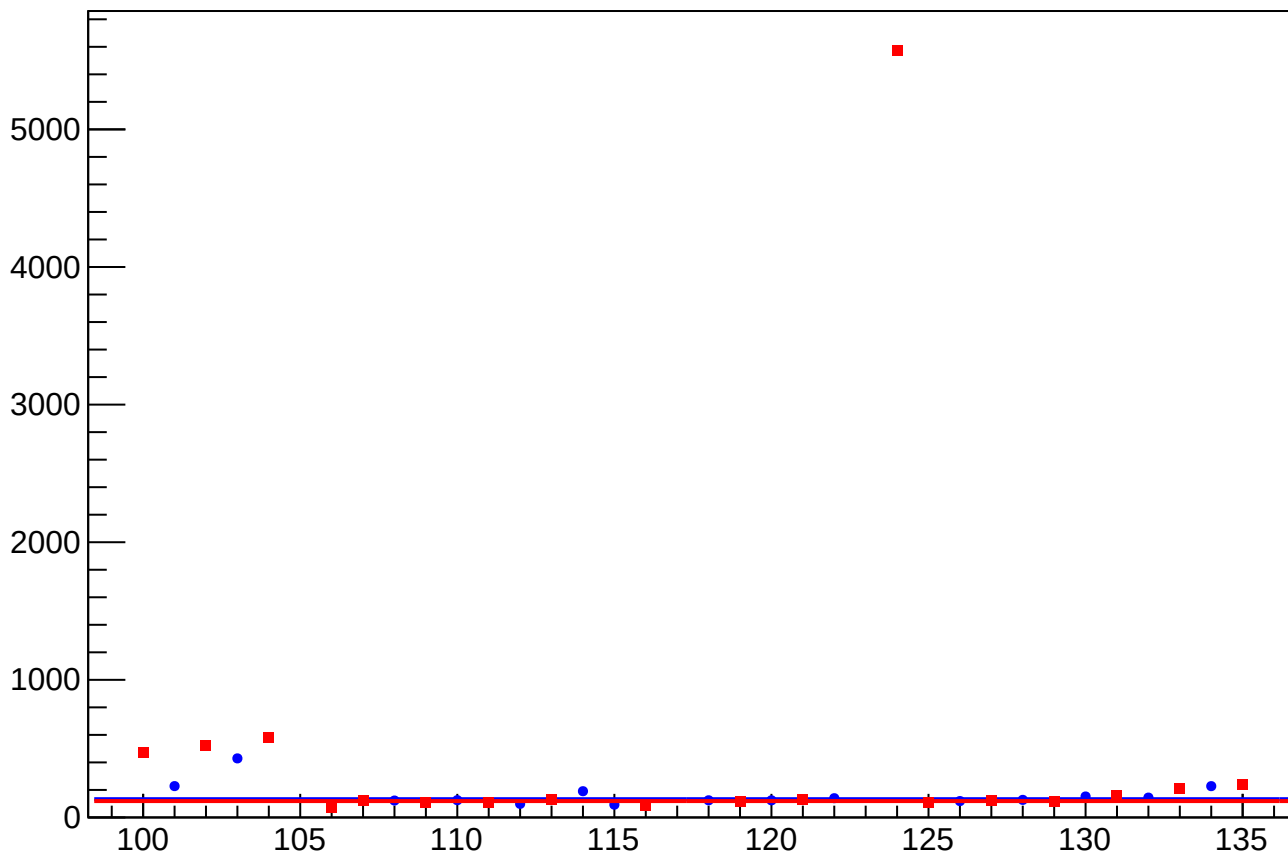
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.038 χ^2/NDF : 43.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 132.759+/-0.041 χ^2/NDF : 1071665.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.017+/-0.036 χ^2/NDF : 2091529.1/17

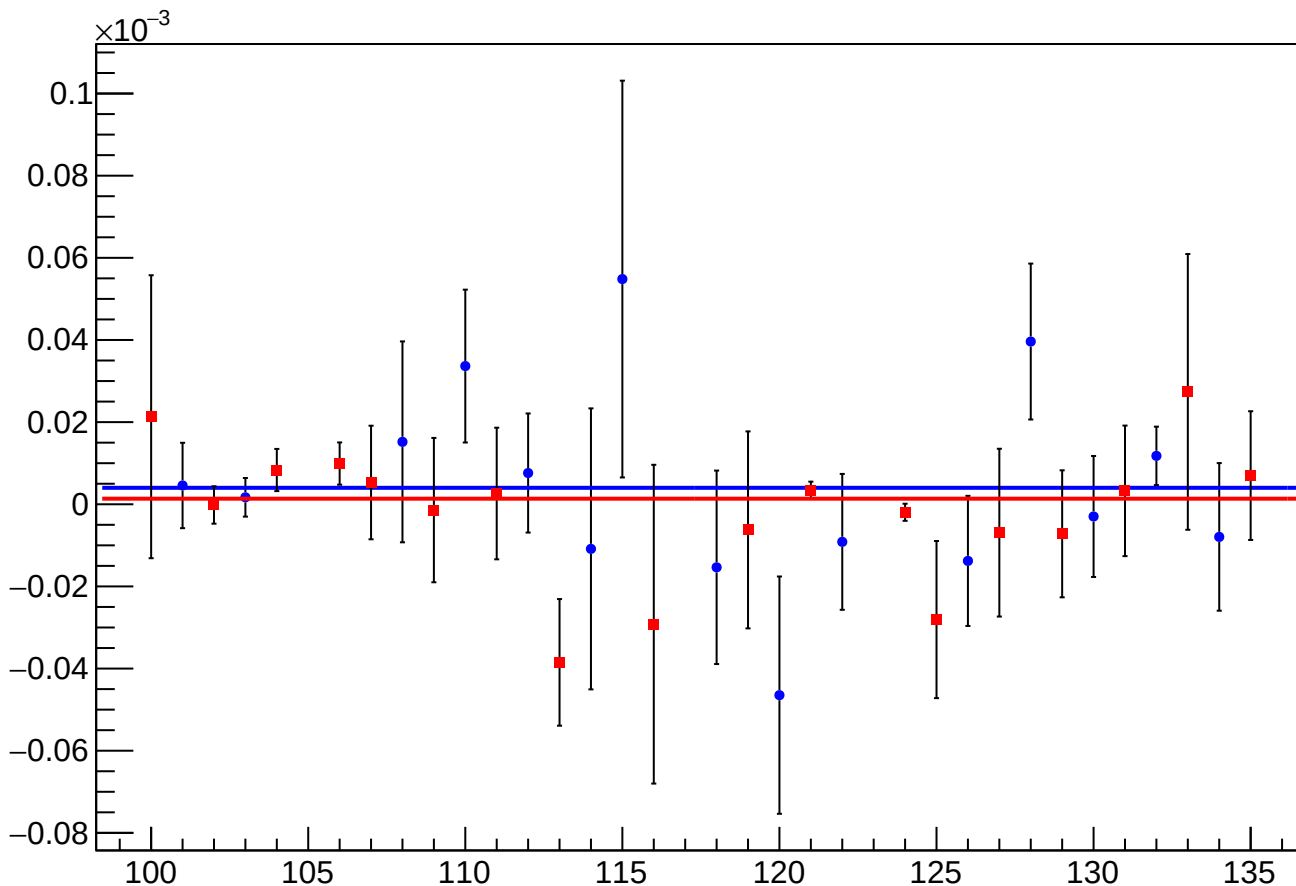
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.081+/-0.027 χ^2/NDF : 3226469.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.7/17

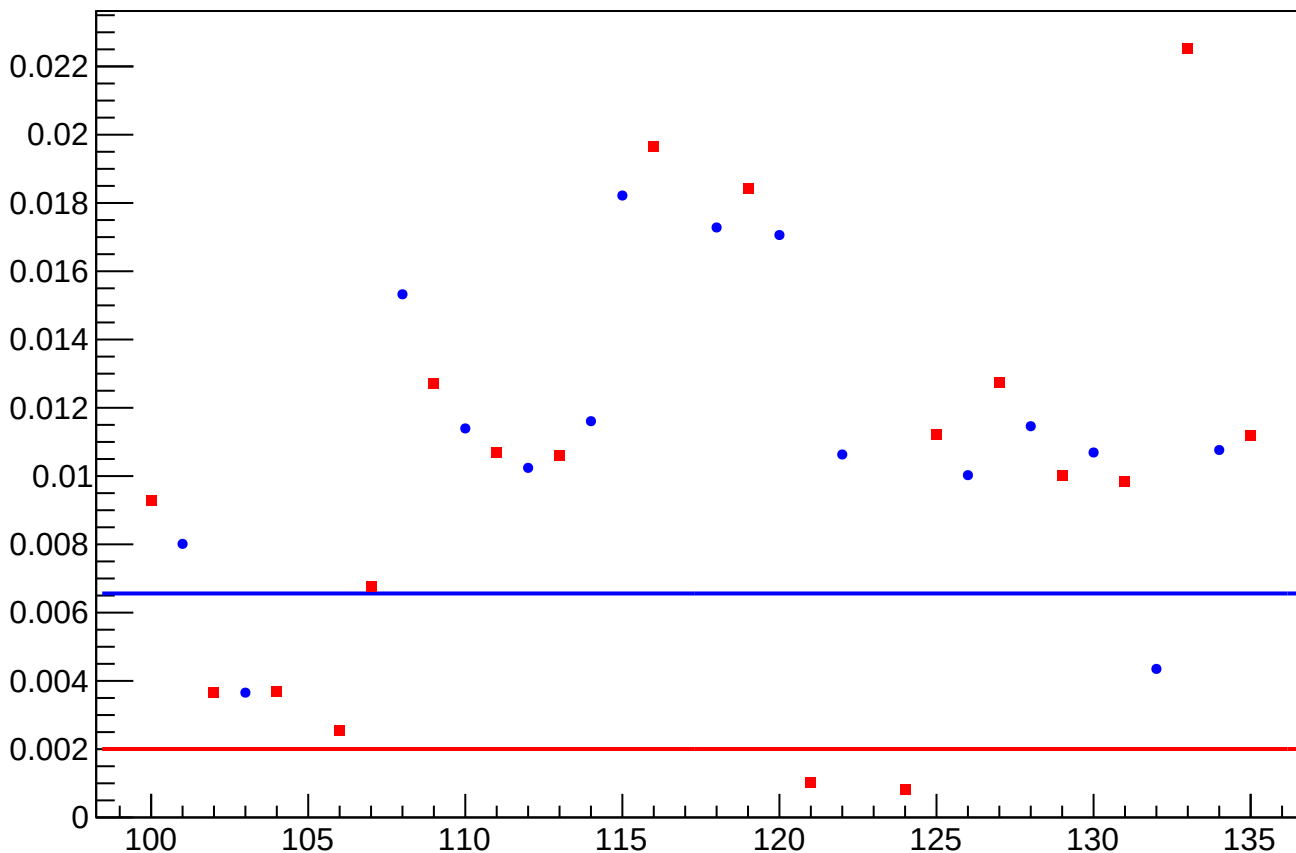
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 2972163.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8736536.5/17

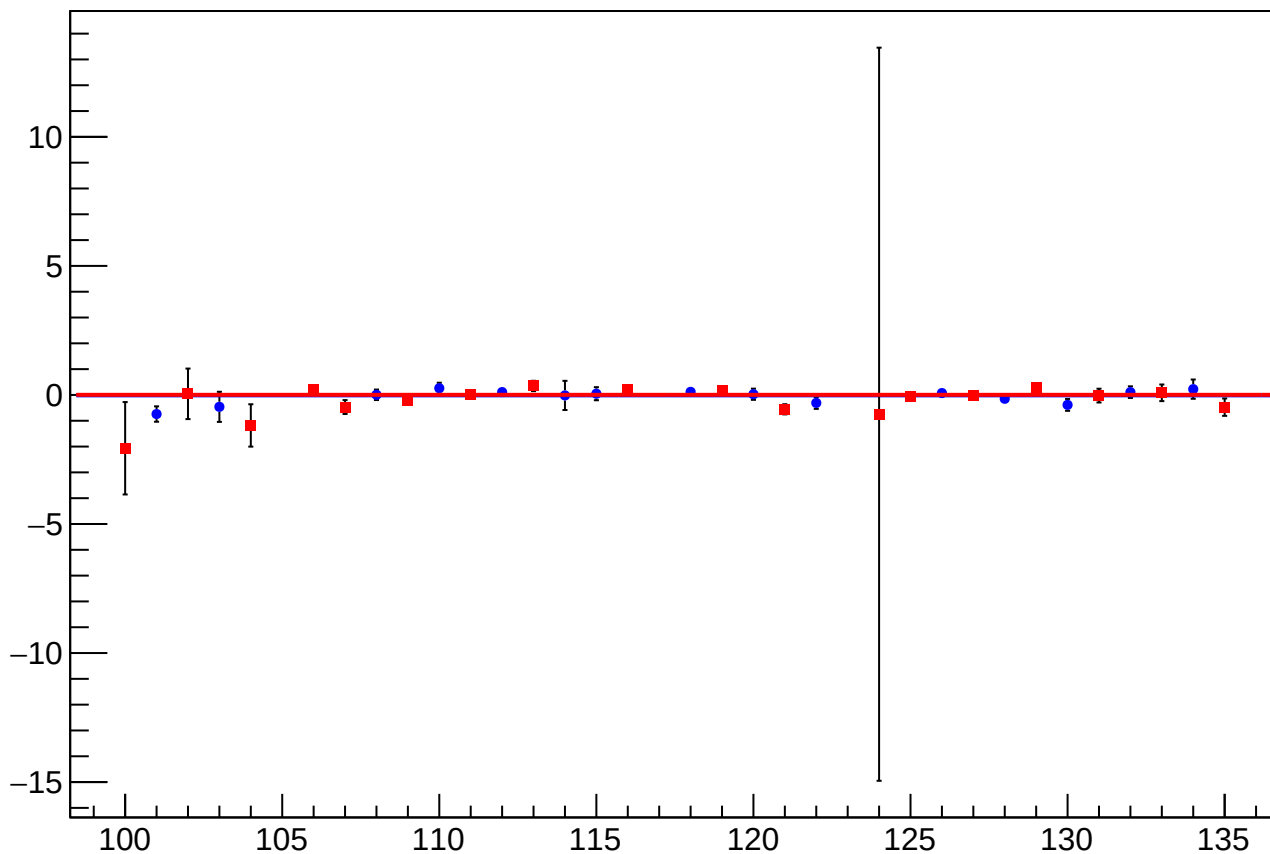
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15476861.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.051 χ^2/NDF : 28.6/17

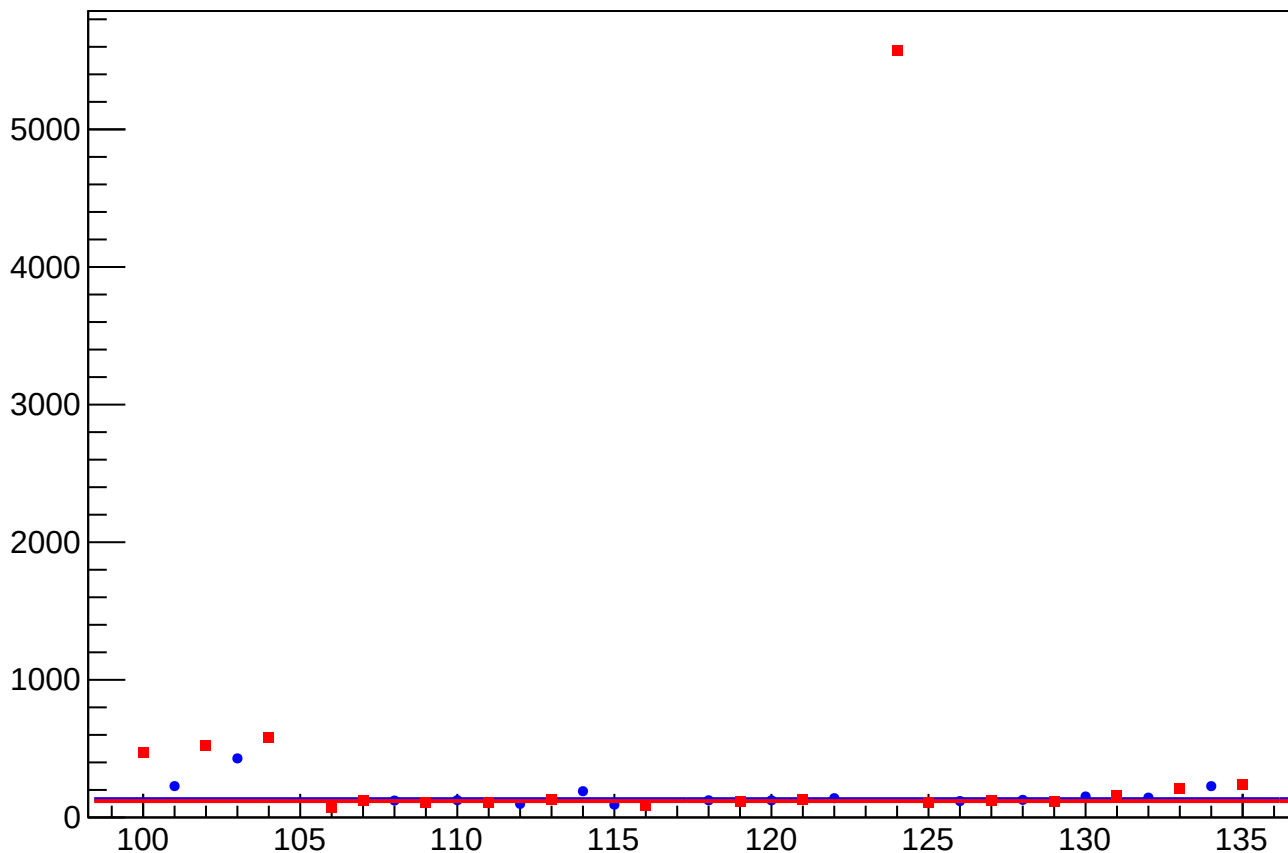
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.038 χ^2/NDF : 43.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 132.760+/-0.041 χ^2/NDF : 1071599.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 119.017+/-0.036 χ^2/NDF : 2091453.1/17

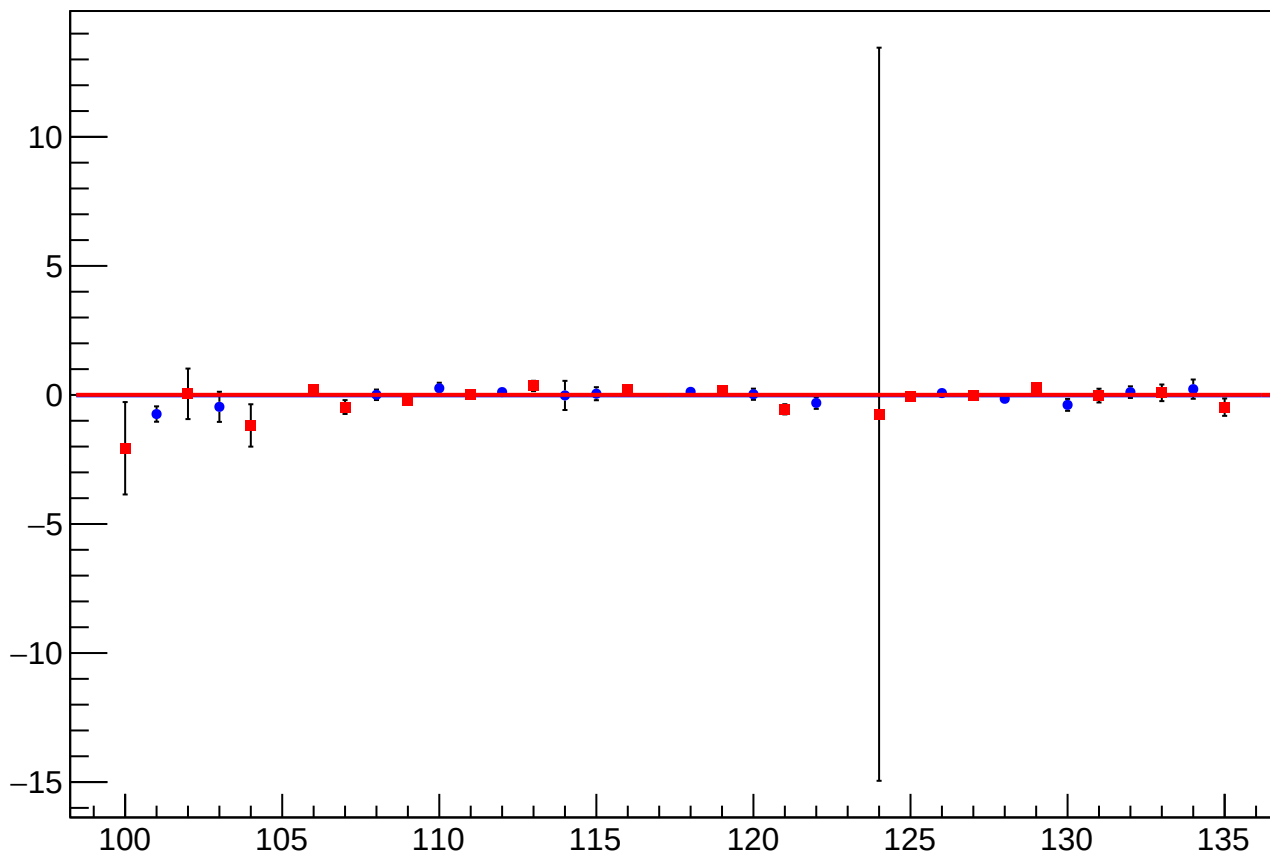
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 125.082+/-0.027 χ^2/NDF : 3226334.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015 ± 0.058 χ^2/NDF : 15.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.051 χ^2/NDF : 28.6/17

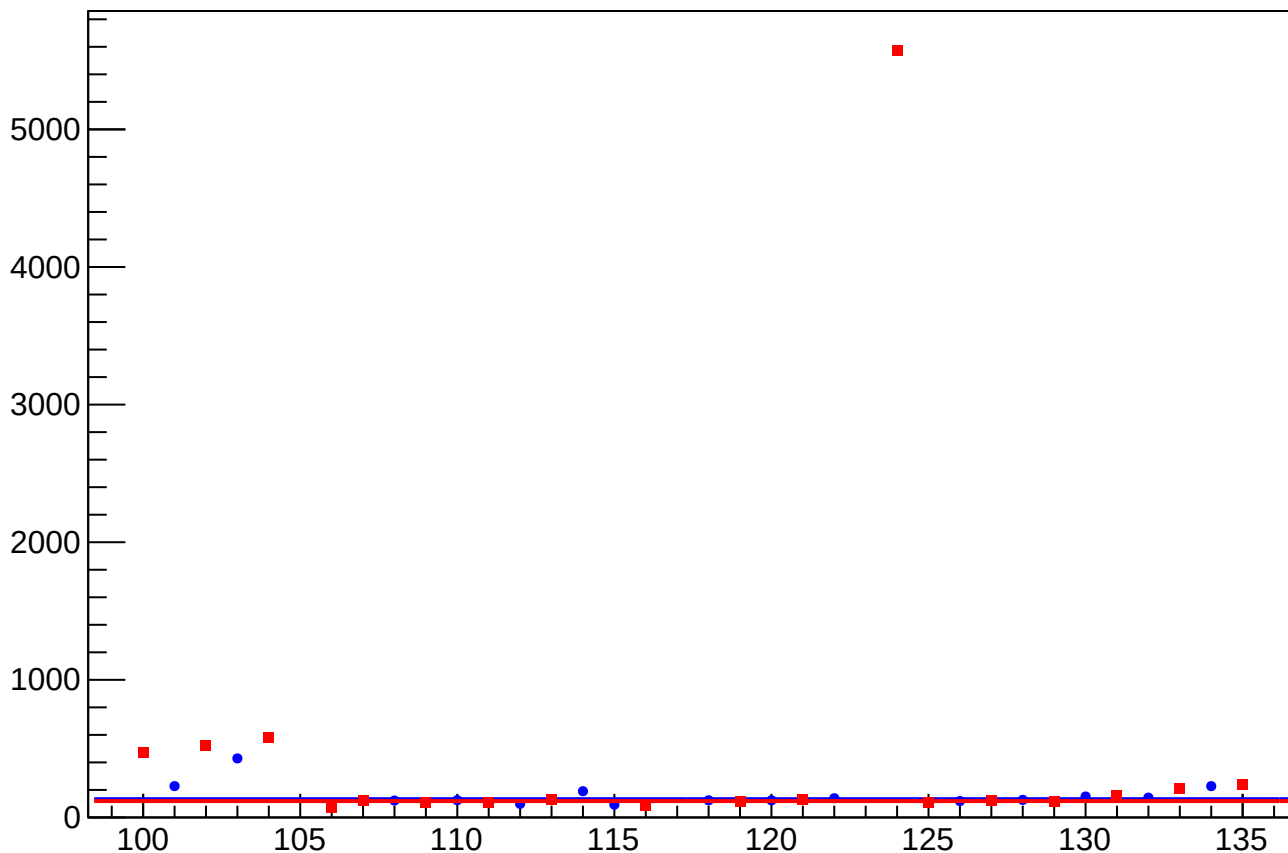
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.038 χ^2/NDF : 43.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 132.760 $\pm$ 0.041 χ^2 /NDF: 1071599.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.017 $\pm$ 0.036 χ^2 /NDF: 2091453.1/17

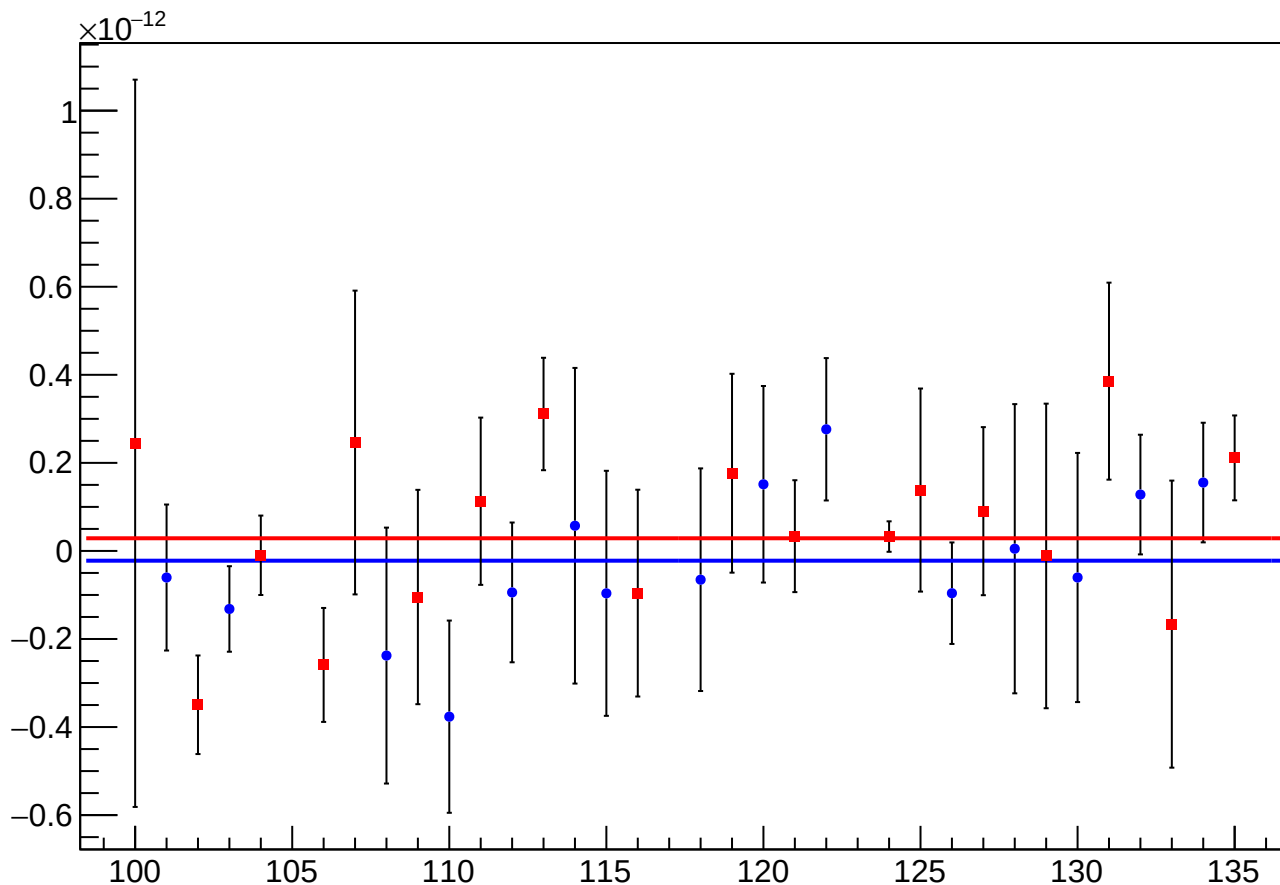
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 125.082 $\pm$ 0.027 χ^2 /NDF: 3226334.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 29.9/17

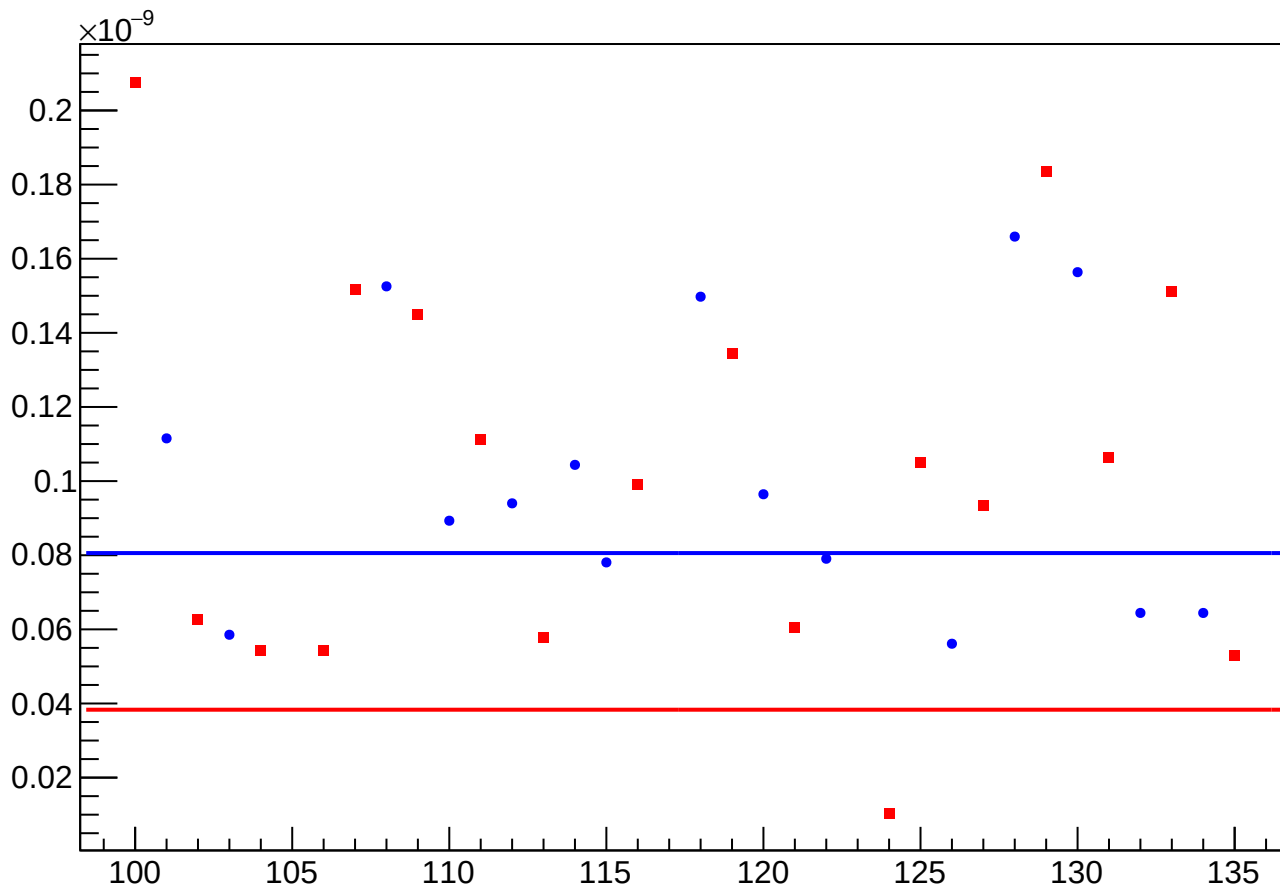
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 43.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 906927.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4247245.3/17

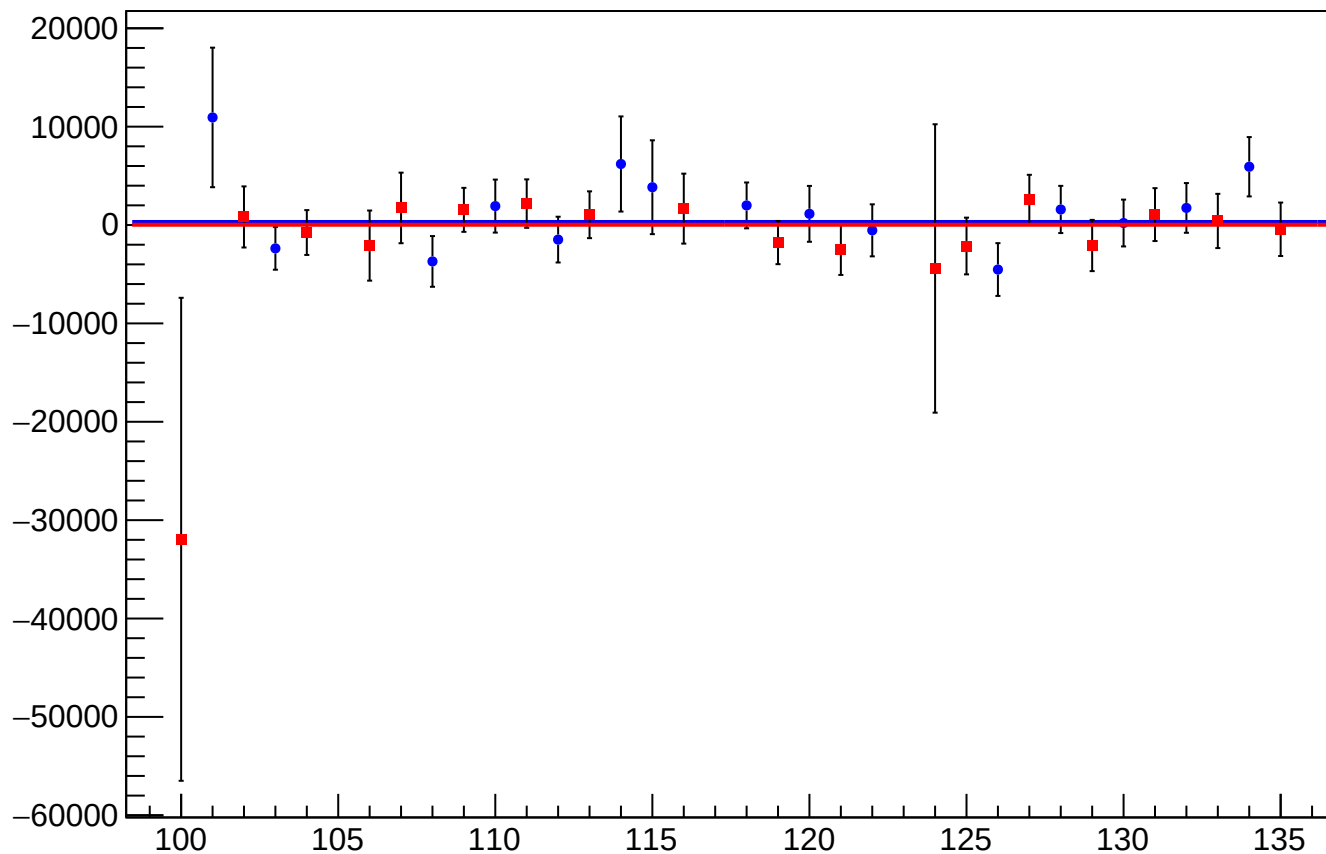
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6524554.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_mean vs Slug



Right In: 308.891+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.836+/-663.313 χ^2/NDF : 8.3/17

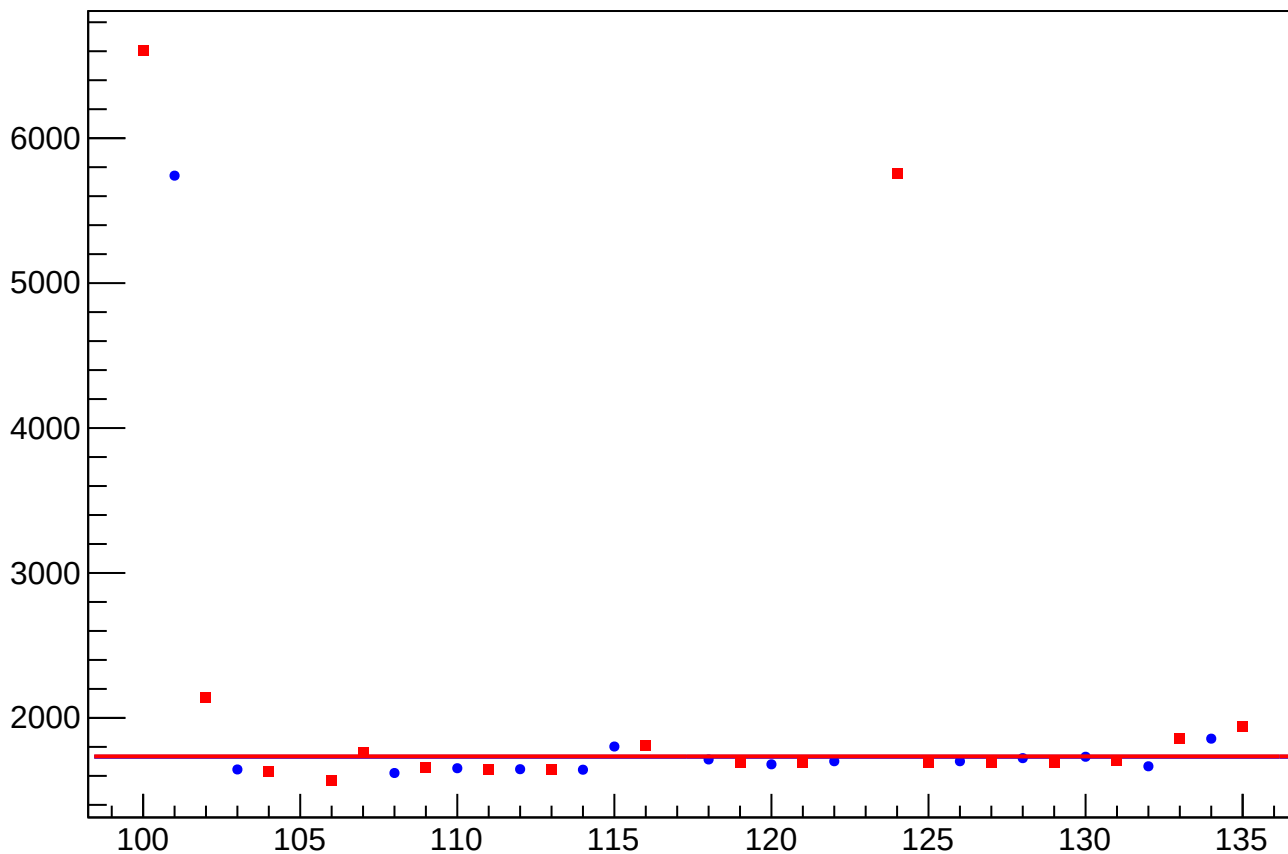
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.899+/-483.814 χ^2/NDF : 25.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_rms vs Slug



Right In: 1731.912+/-0.500 χ^2/NDF : 657908.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1734.582+/-0.466 χ^2/NDF : 301522.4/17

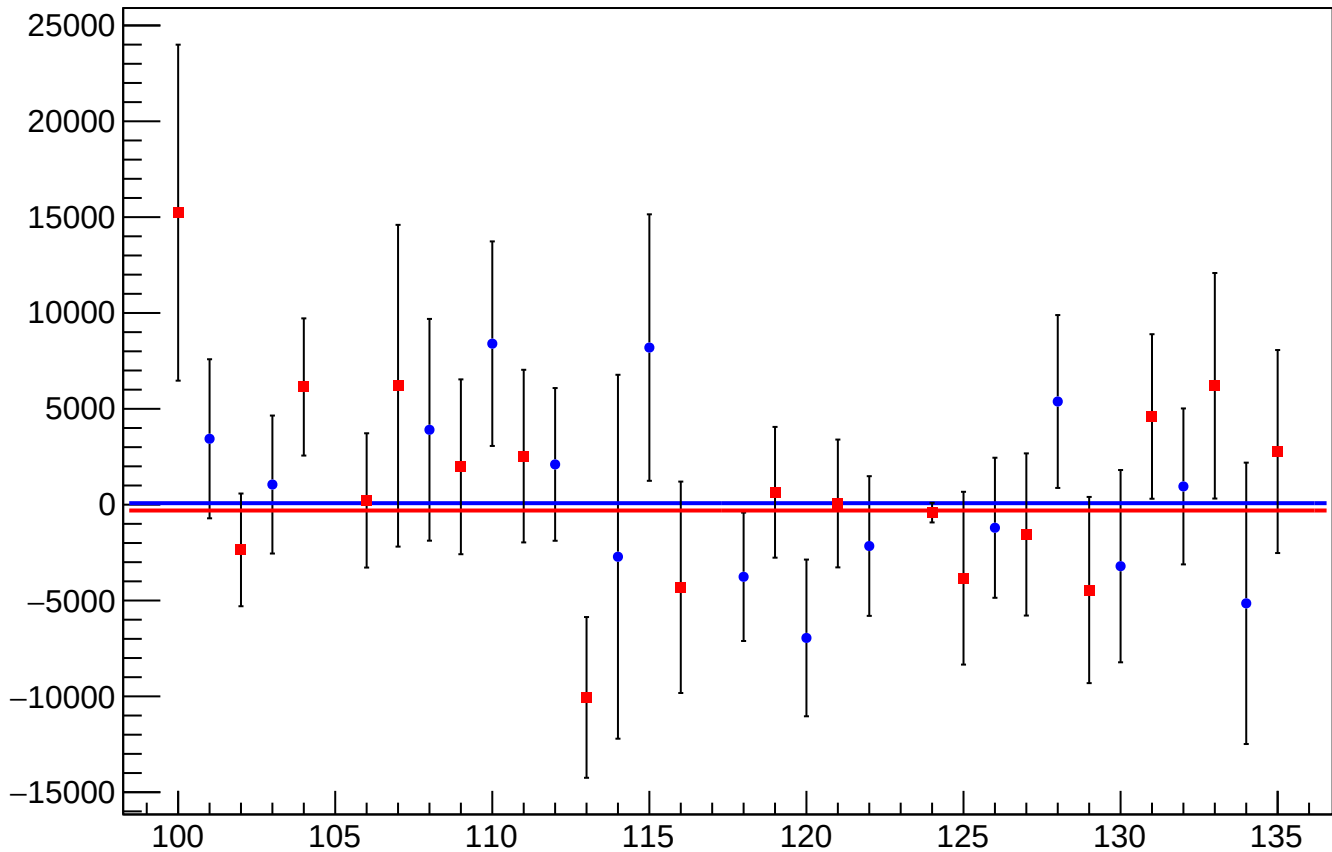
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1733.342+/-0.341 χ^2/NDF : 959446.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_mean vs Slug



Right In: 77.697+/-1145.333 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -304.131+/-458.656 χ^2/NDF : 18.5/17

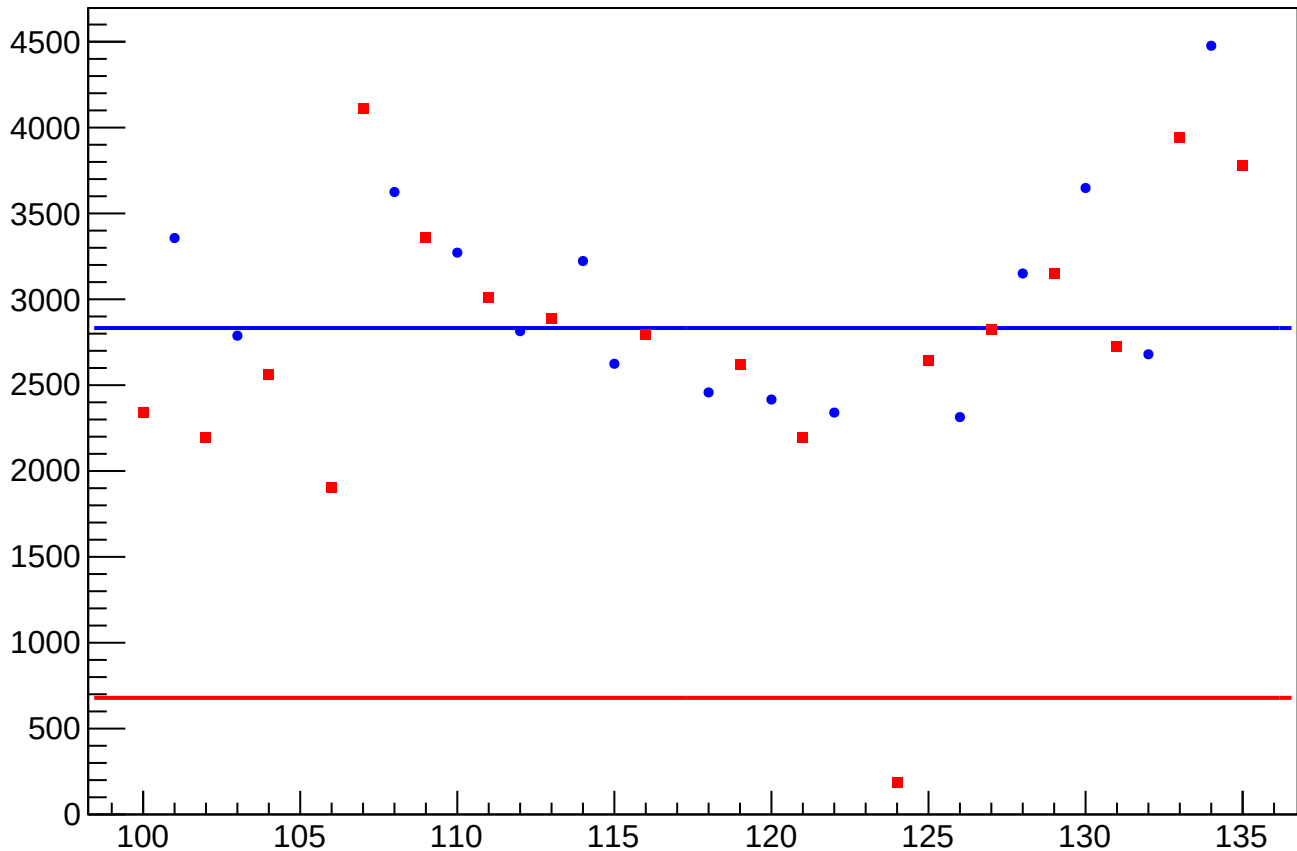
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -251.362+/-425.784 χ^2/NDF : 31.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_reg_correction_rms vs Slug



Right In: 2832.675+/-0.810 χ^2/NDF : 377066.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 678.973+/-0.324 χ^2/NDF : 9879548.9/17

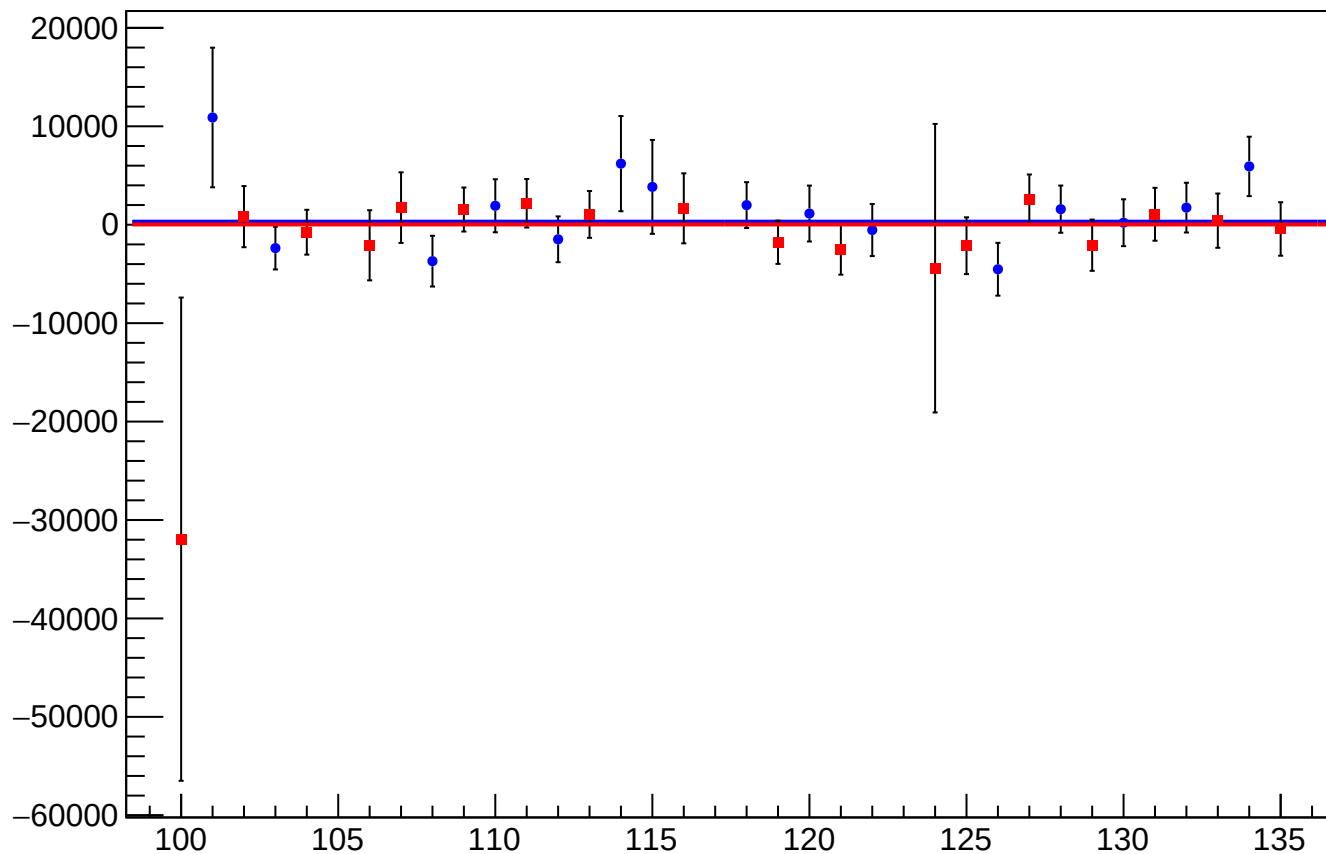
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 976.619+/-0.301 χ^2/NDF : 16351189.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_mean vs Slug



Right In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.748+/-663.313 χ^2/NDF : 8.3/17

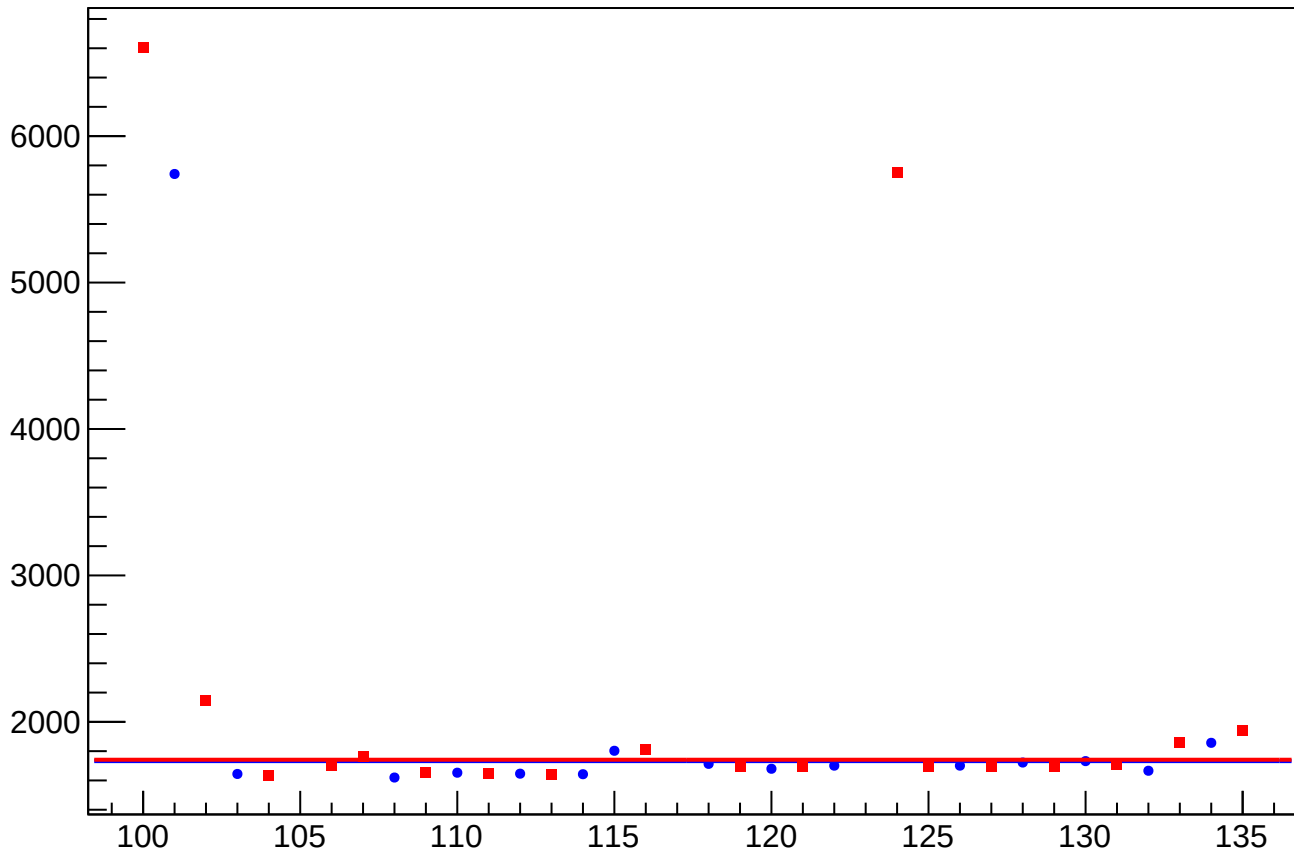
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.590+/-483.814 χ^2/NDF : 25.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atr1l2_dd_rms vs Slug



Right In: 1731.912 $\pm$ 0.500 χ^2 /NDF: 657908.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1741.412 $\pm$ 0.467 χ^2 /NDF: 295249.9/17

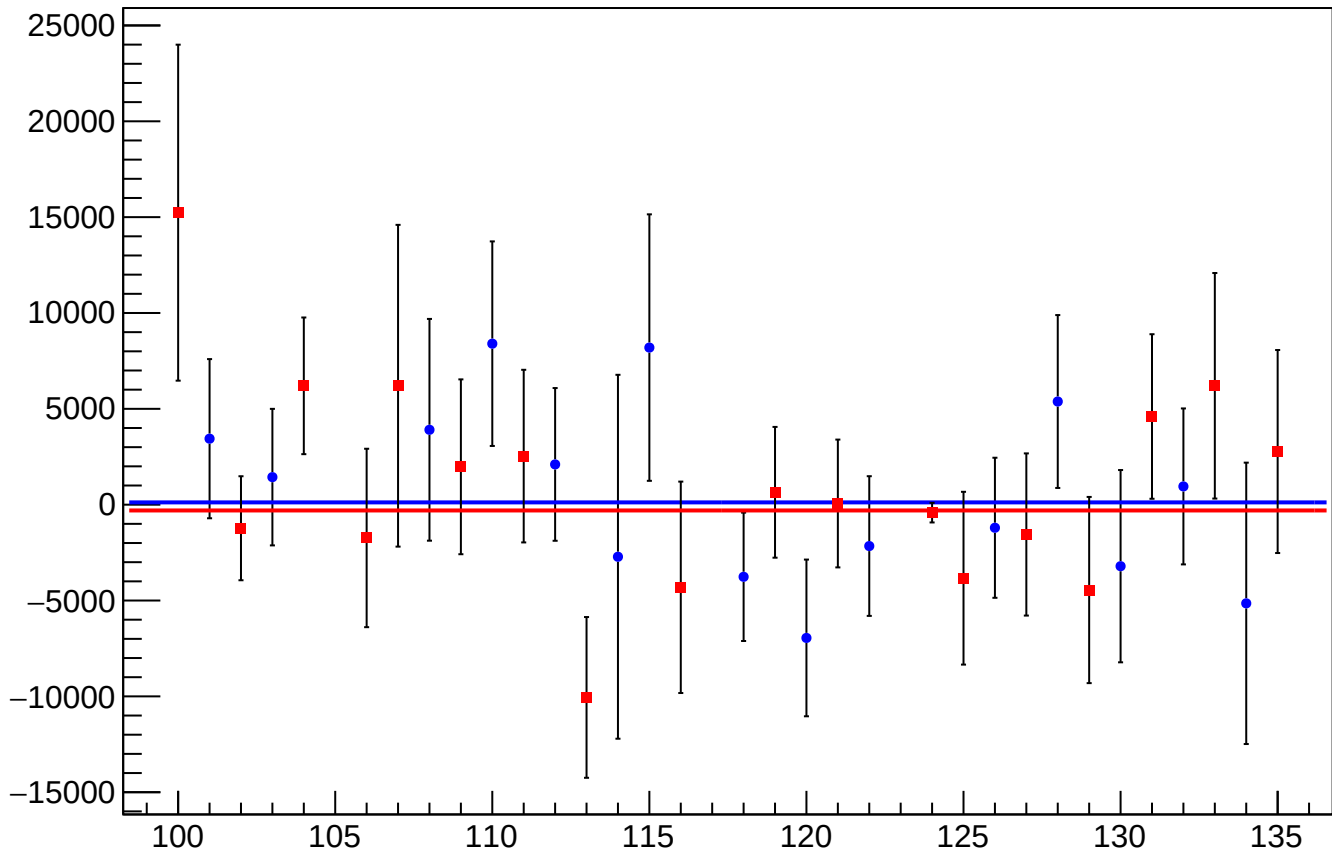
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1736.984 $\pm$ 0.341 χ^2 /NDF: 953351.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_cor_correction_mean vs Slug



Right In: 119.581 ± 114.165 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -301.638 ± 459.574 χ^2/NDF : 18.3/17

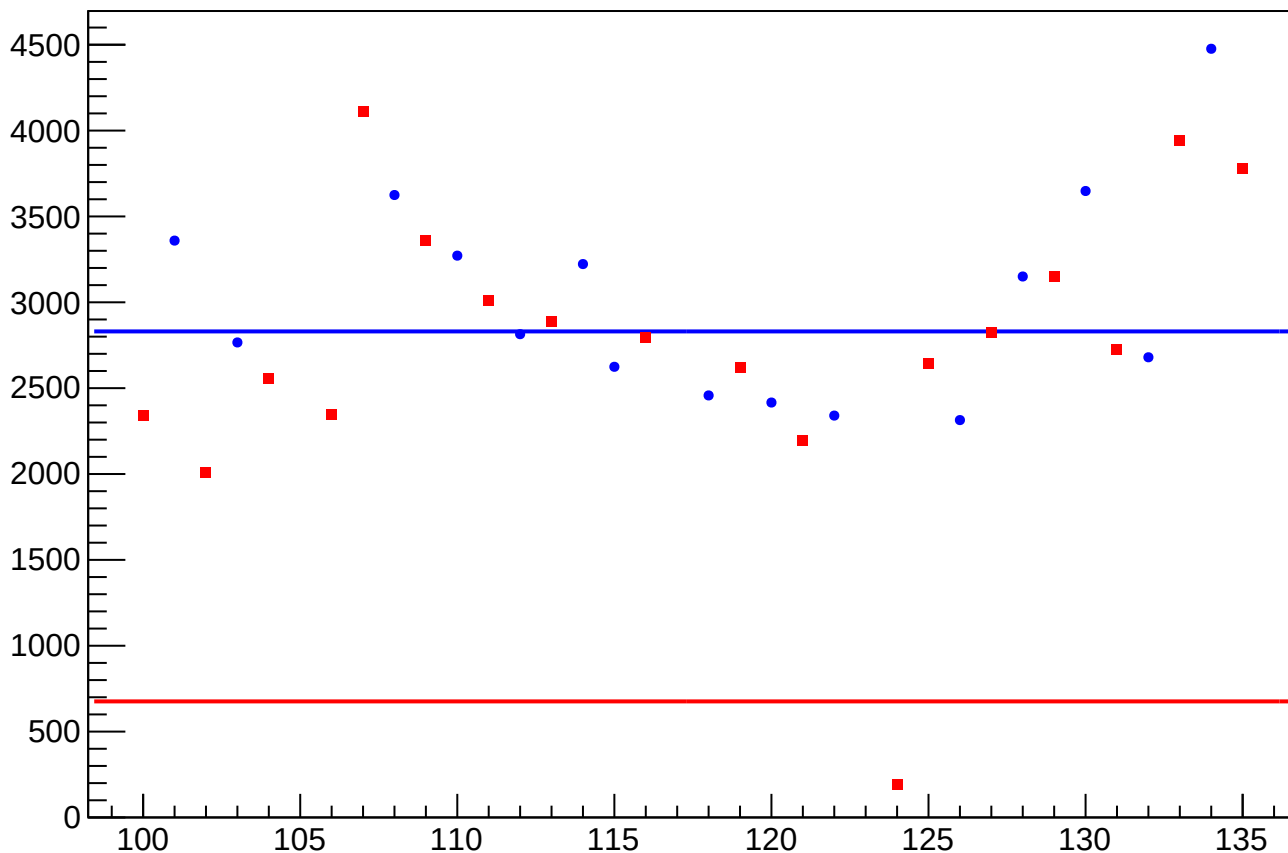
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -243.121 ± 426.458 χ^2/NDF : 30.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_cor_correction_rms vs Slug



Right In: 2830.442 $\pm$ 0.809 χ^2 /NDF: 377722.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 675.863 $\pm$ 0.325 χ^2 /NDF: 9835882.8/17

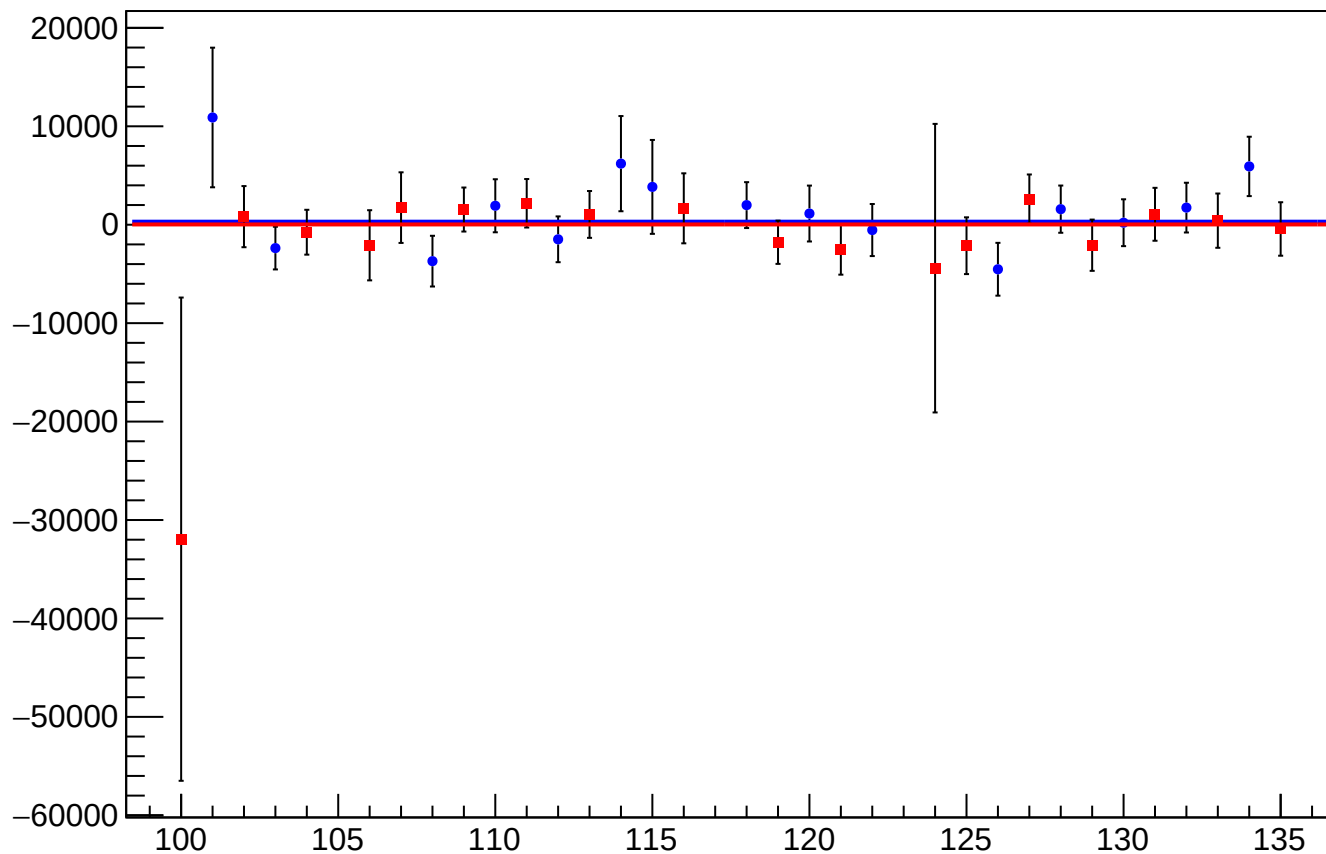
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 975.185 $\pm$ 0.302 χ^2 /NDF: 16320480.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atr1l2_dd_mean vs Slug



Right In: 308.330+/-707.229 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.748+/-663.313 χ^2/NDF : 8.3/17

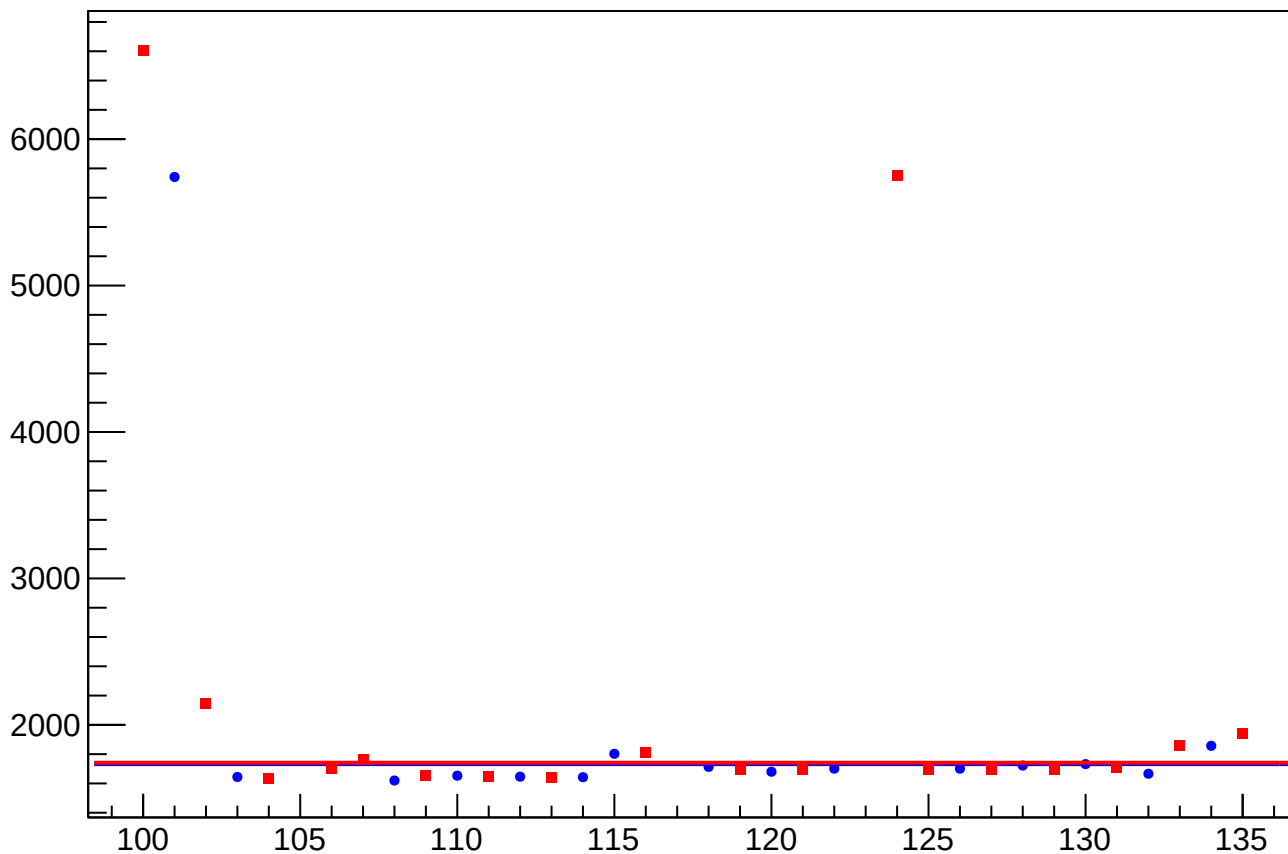
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 159.590+/-483.814 χ^2/NDF : 25.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atr1l2_dd_rms vs Slug



Right In: 1731.912+/-0.500 χ^2/NDF : 657908.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1741.412+/-0.467 χ^2/NDF : 295249.9/17

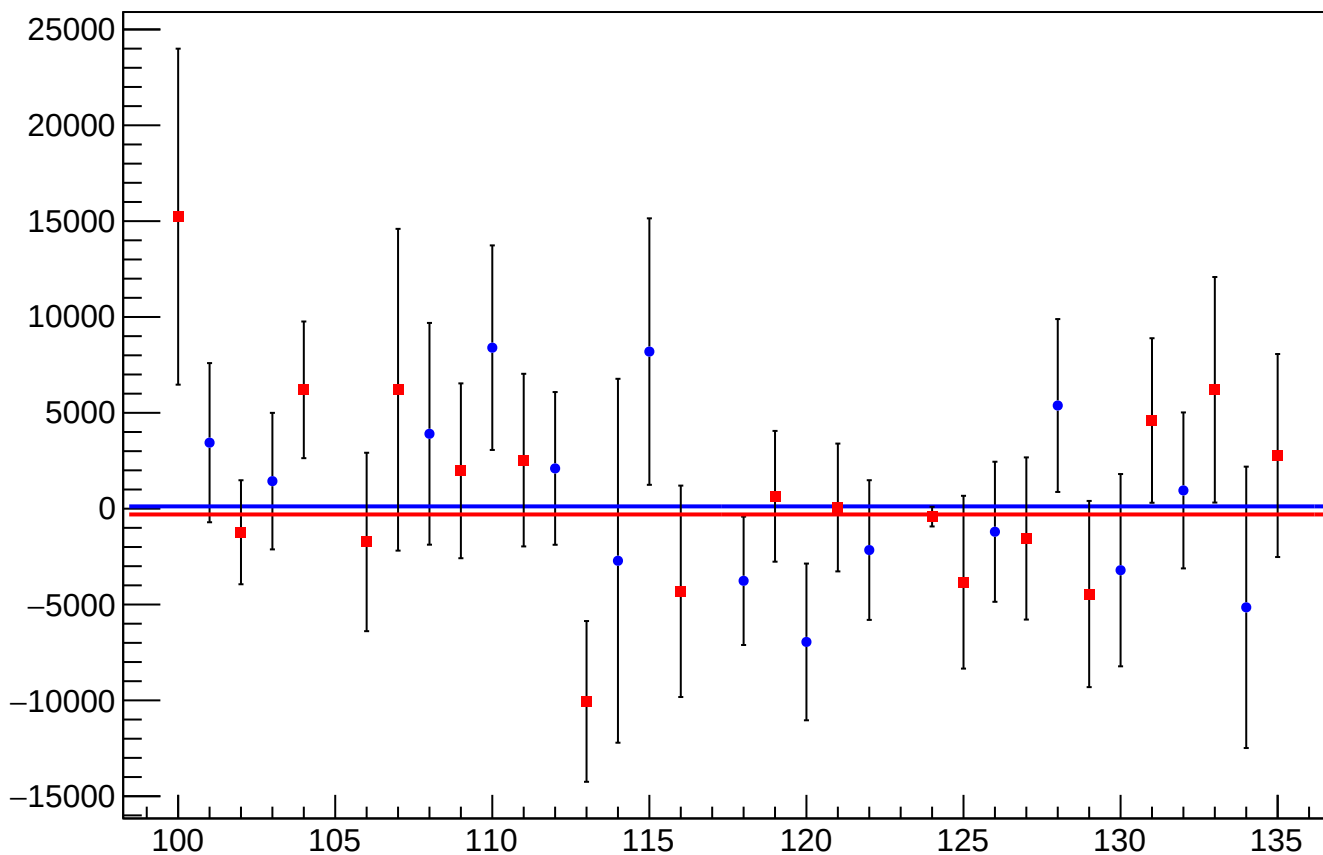
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1736.984+/-0.341 χ^2/NDF : 953351.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_correction_mean vs Slug



Right In: 119.581 $\pm$ 114.165 χ^2 /NDF: 12.5/14

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

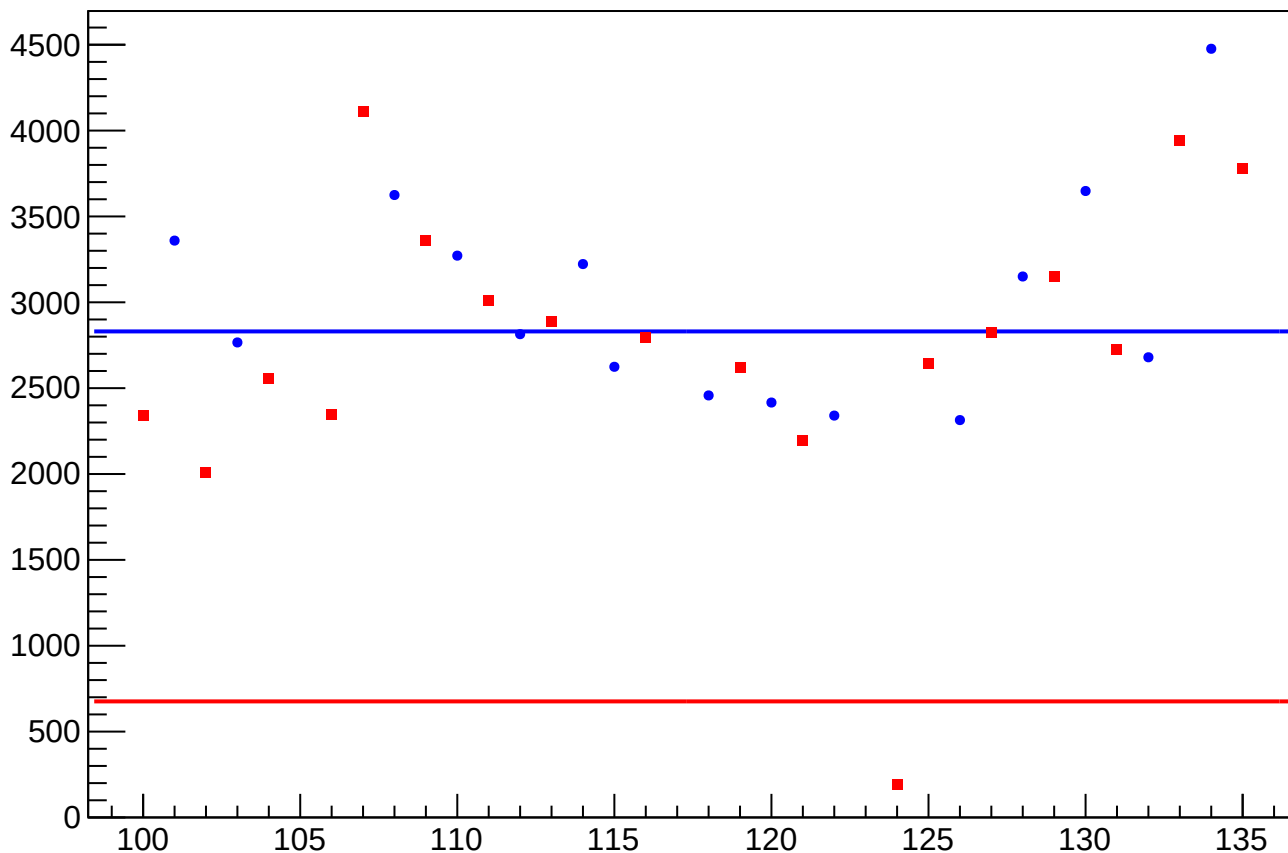
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -243.121 $\pm$ 426.458 χ^2 /NDF: 30.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_cor_correction_rms vs Slug



Right In: 2830.442 $\pm$ 0.809 χ^2 /NDF: 377722.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 675.863 $\pm$ 0.325 χ^2 /NDF: 983588.2/17

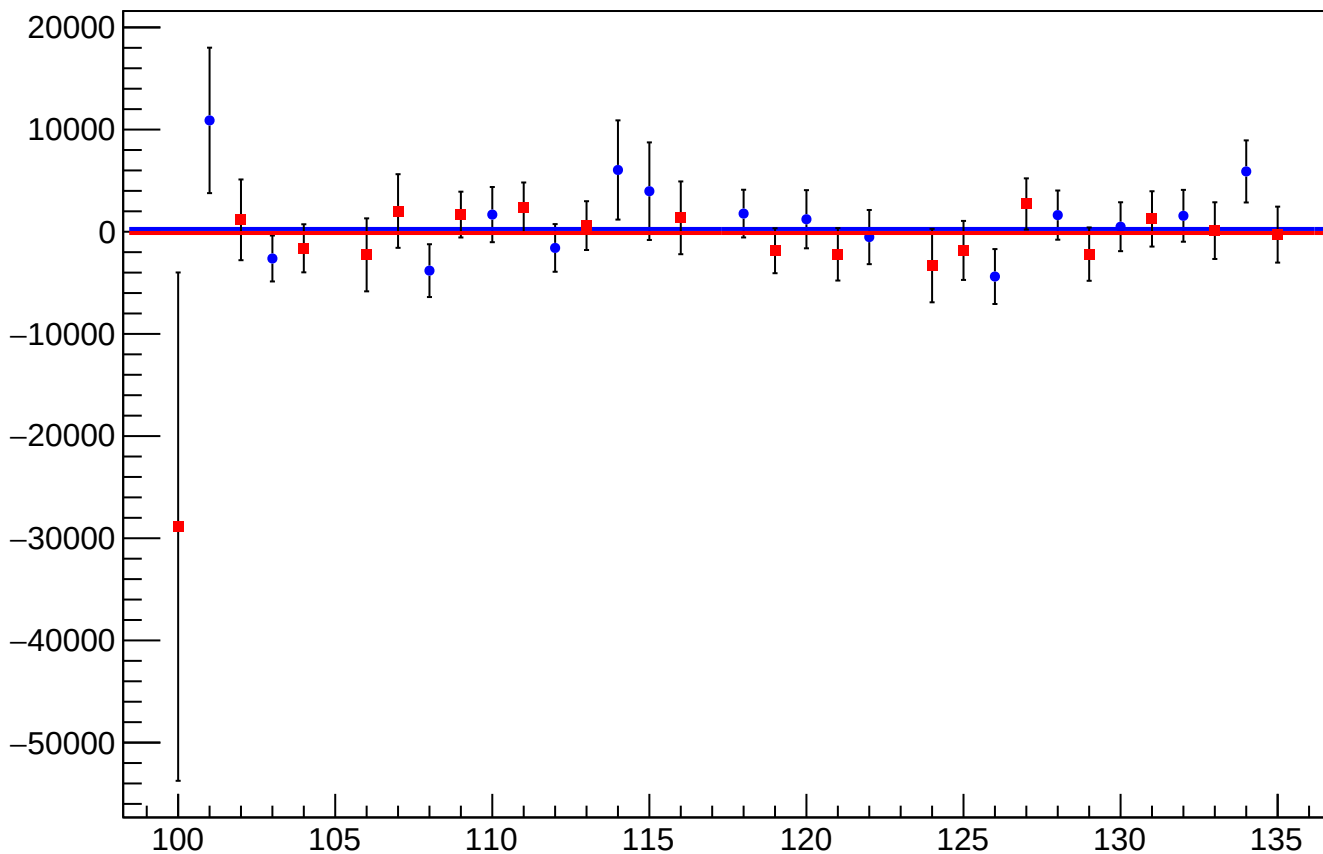
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 975.185 $\pm$ 0.302 χ^2 /NDF: 16320480.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atr1l2_dd_mean vs Slug



Right In: 273.744+/-711.958 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -124.980+/-662.231 χ^2/NDF : 9.1/17

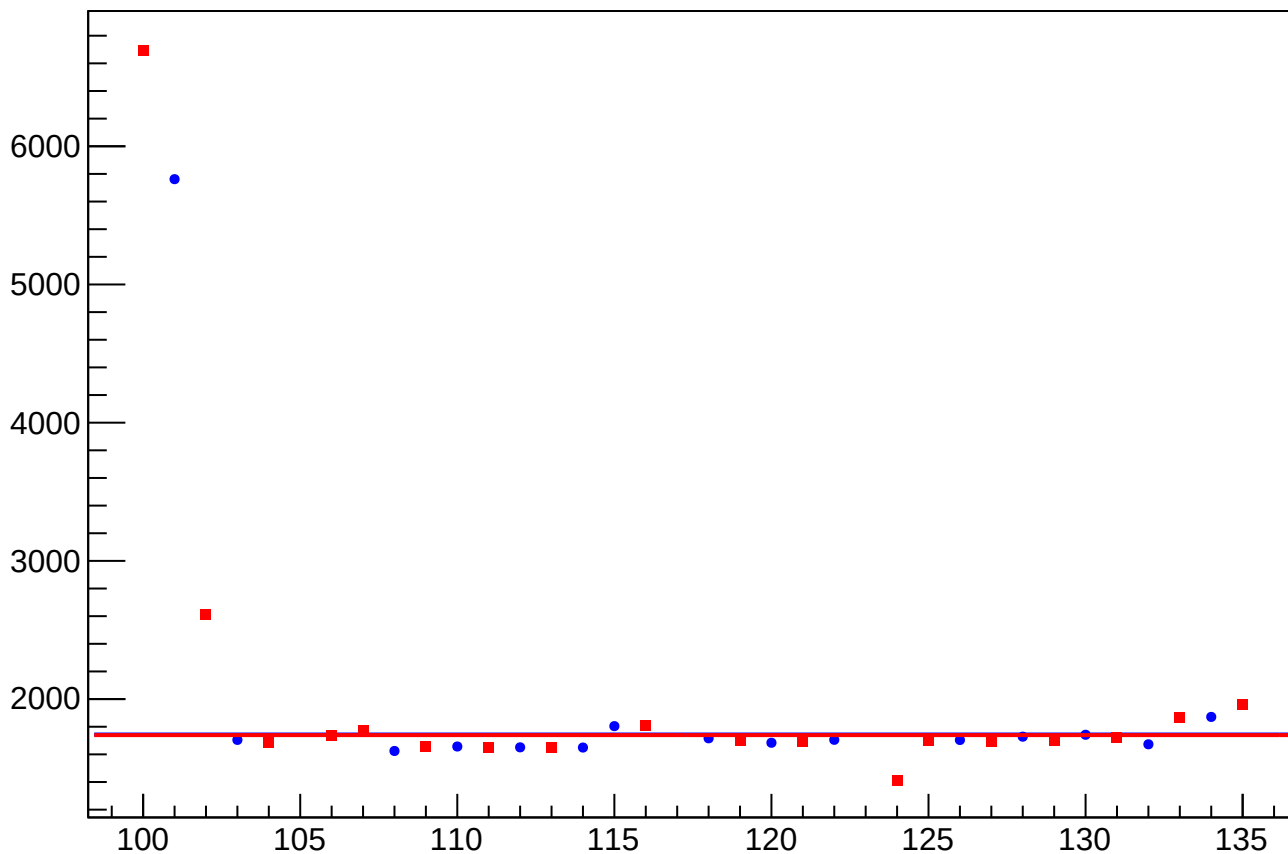
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.973+/-484.896 χ^2/NDF : 26.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

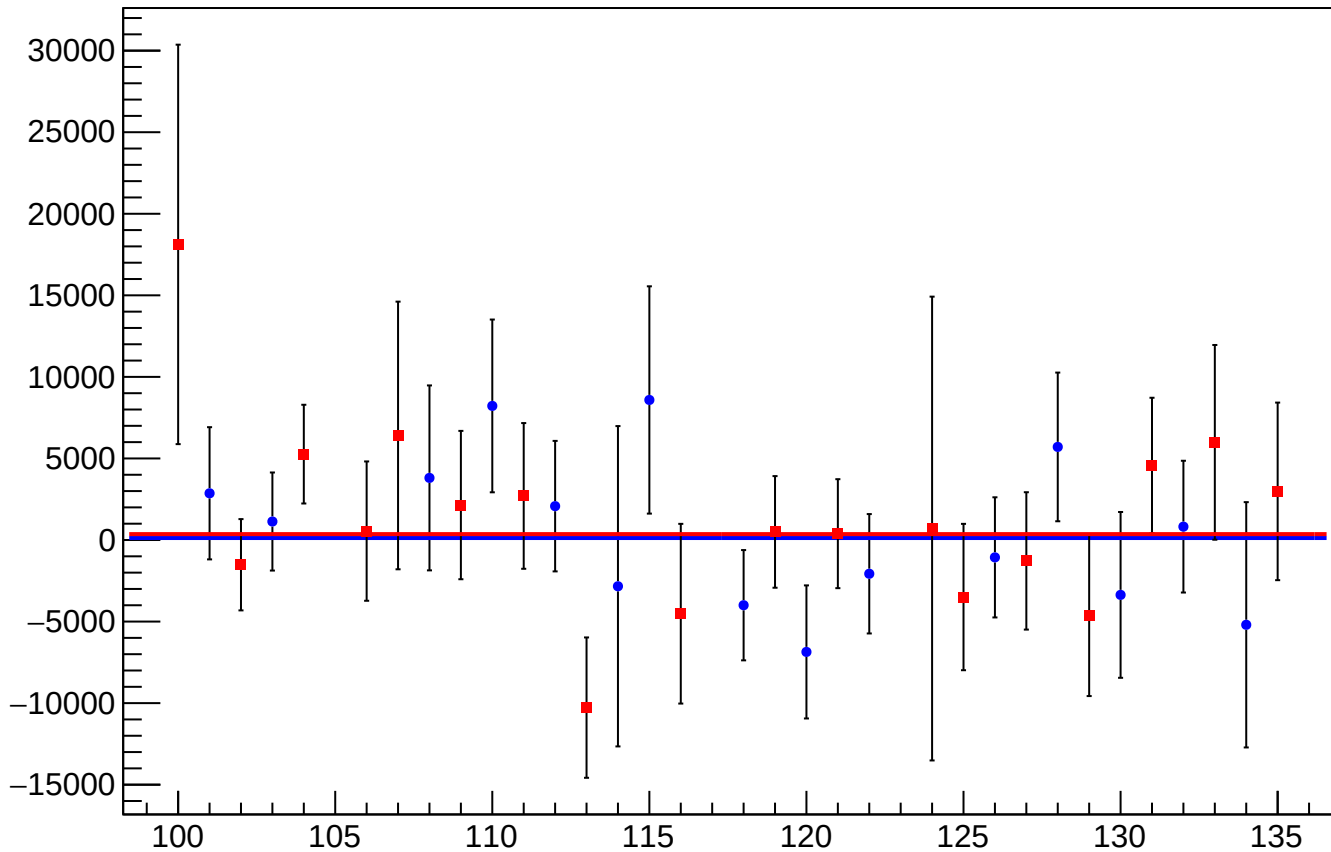
Right Out: 1739.375+/-0.467 χ^2/NDF : 224029.7/17

All: 1741.368+/-0.342 χ^2/NDF : 879678.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_correction_mean vs Slug



Right In: 121.306+/-1122.517 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 361.741+/-1028.421 χ^2/NDF : 17.1/17

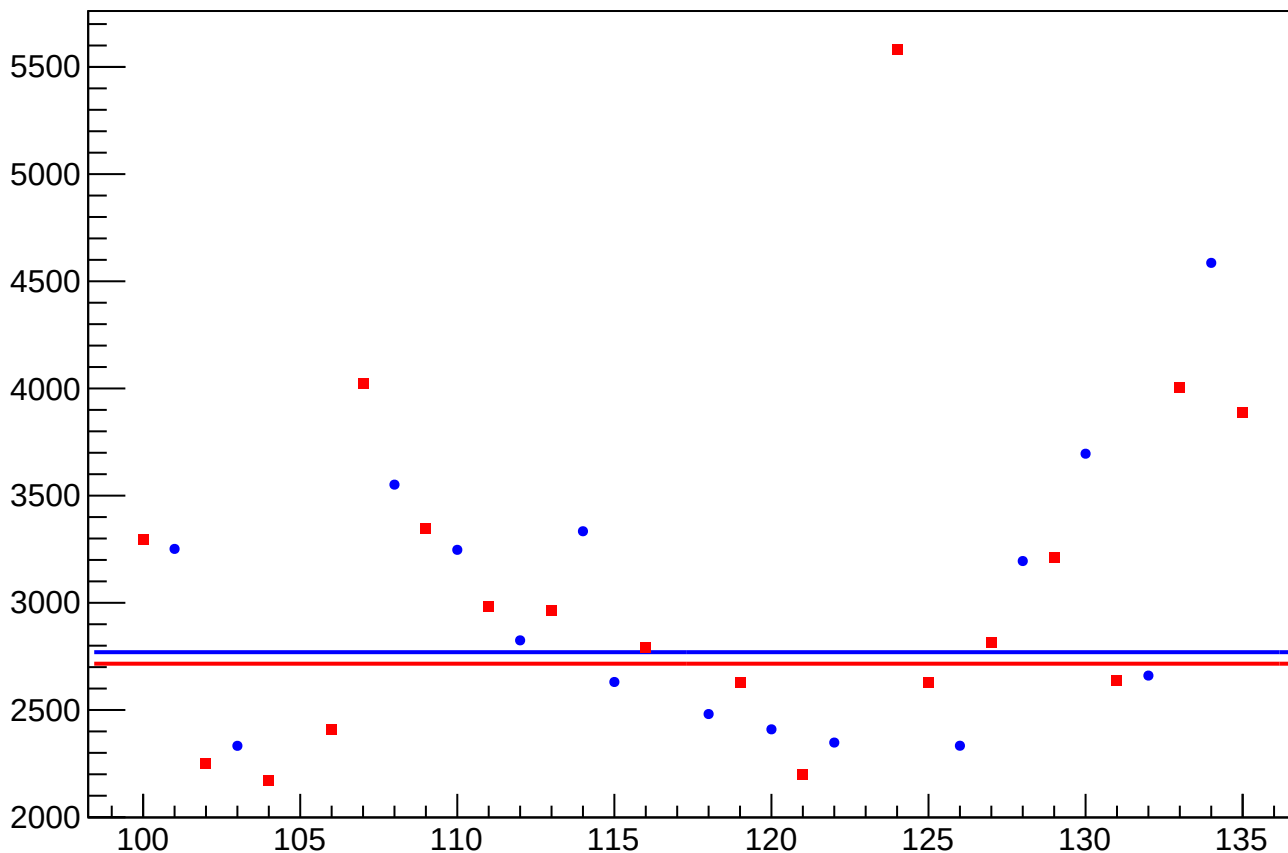
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.021+/-758.291 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_correction_rms vs Slug



Right In: 2769.653+/-0.794 χ^2/NDF : 419297.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2715.924+/-0.727 χ^2/NDF : 577329.1/17

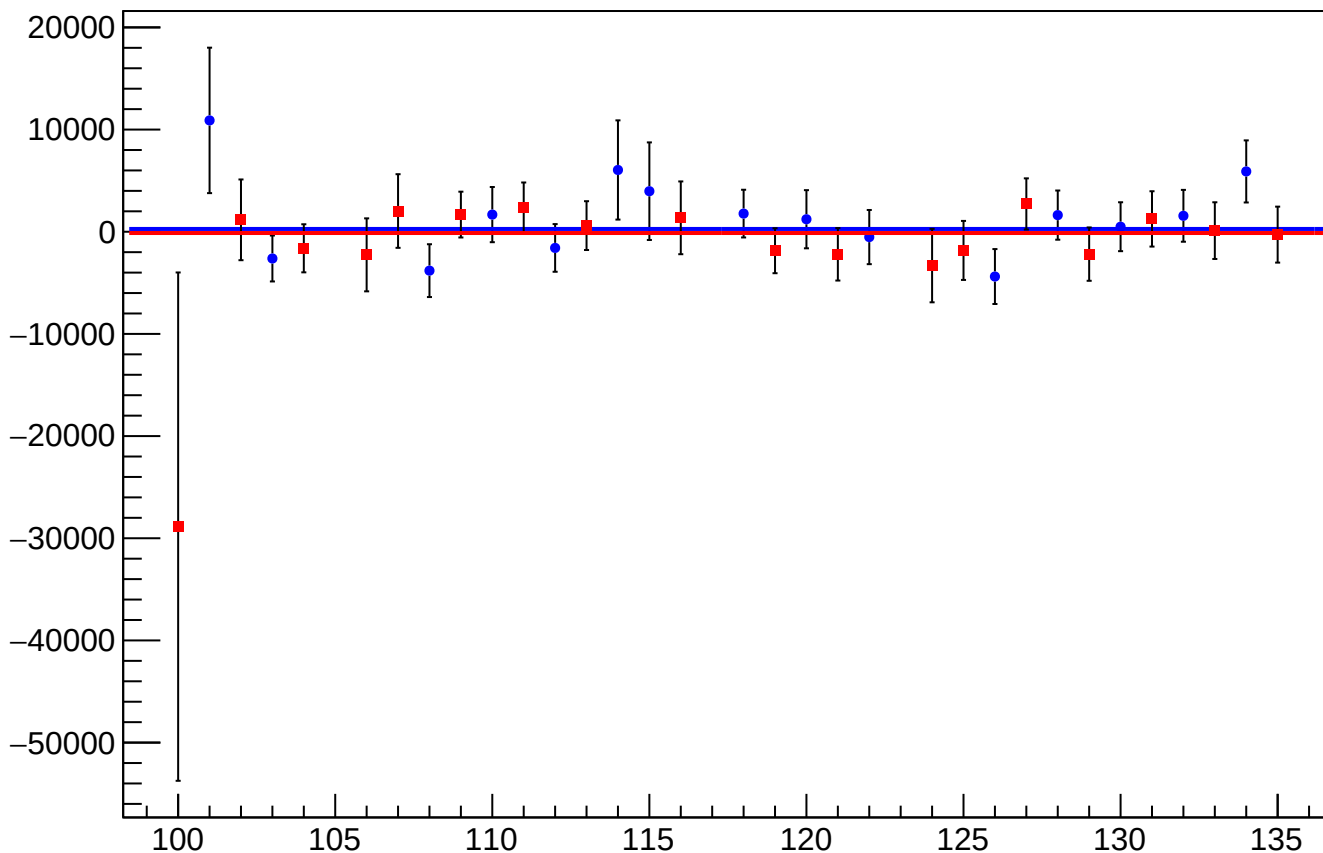
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2740.443+/-0.536 χ^2/NDF : 999117.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_mean vs Slug



Right In: 273.738+/-711.958 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -124.978+/-662.231 χ^2/NDF : 9.1/17

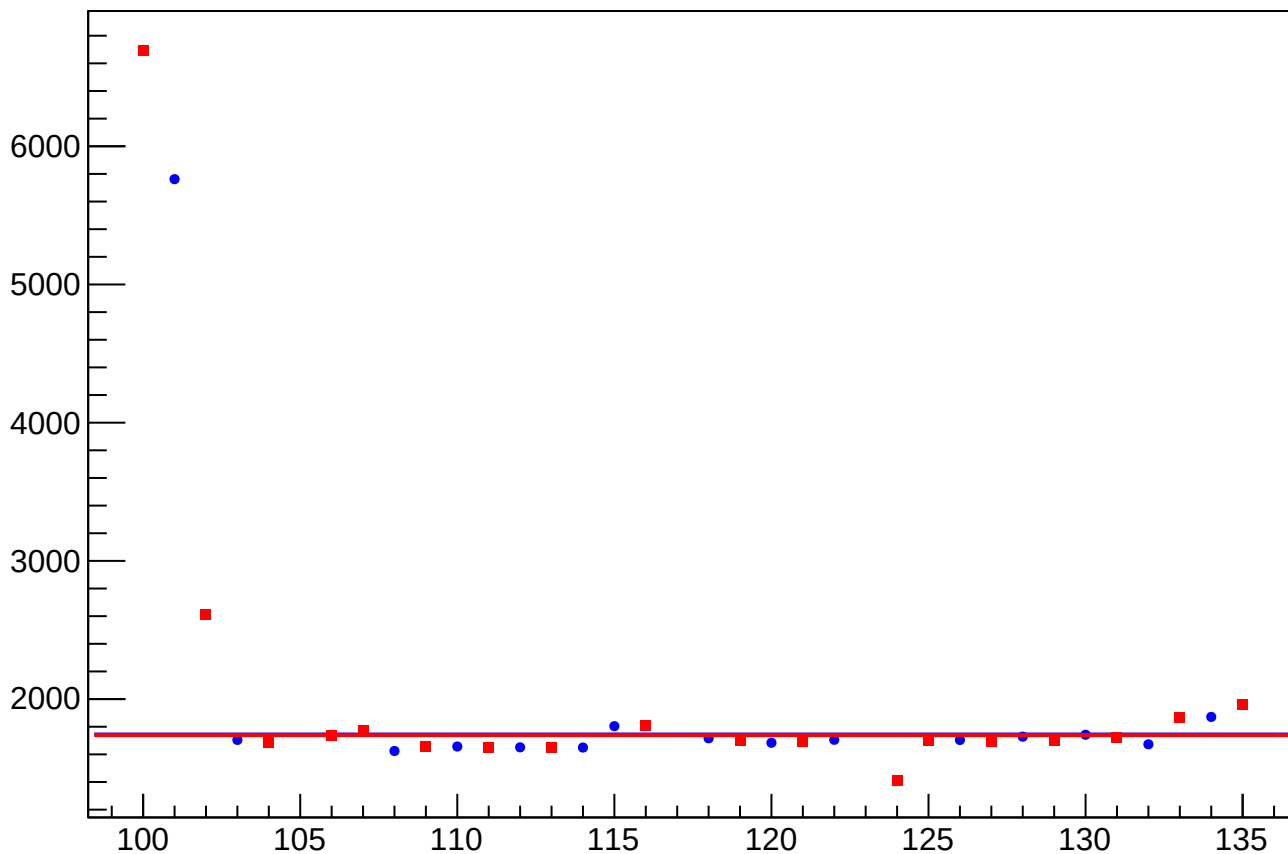
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.971+/-484.896 χ^2/NDF : 26.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atr1l2_dd_rms vs Slug



Right In: 1743.686+/-0.503 χ^2/NDF : 655609.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1739.375+/-0.467 χ^2/NDF : 224029.7/17

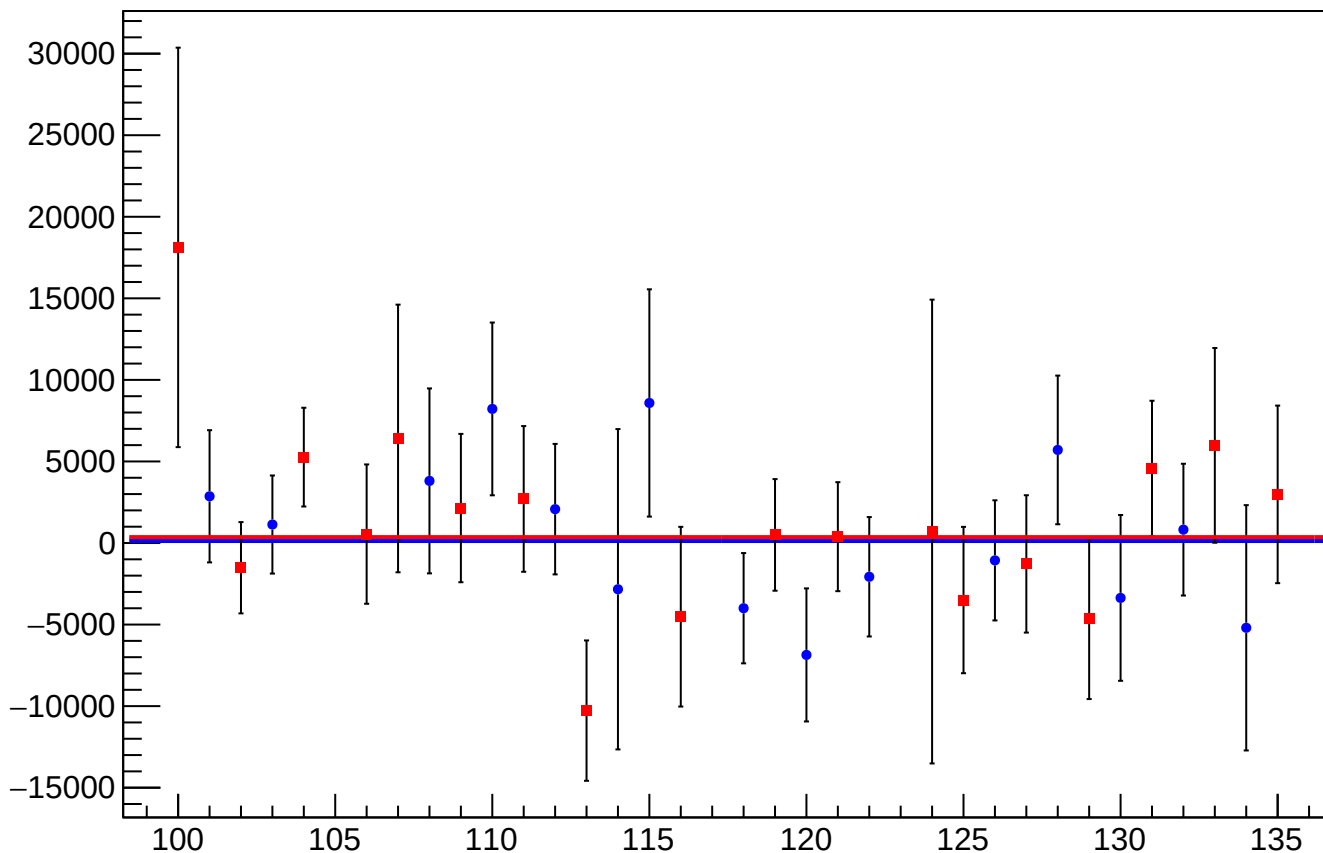
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1741.368+/-0.342 χ^2/NDF : 879678.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_mean vs Slug



Right In: 121.303+/-1122.514 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 361.741+/-1028.419 χ^2/NDF : 17.1/17

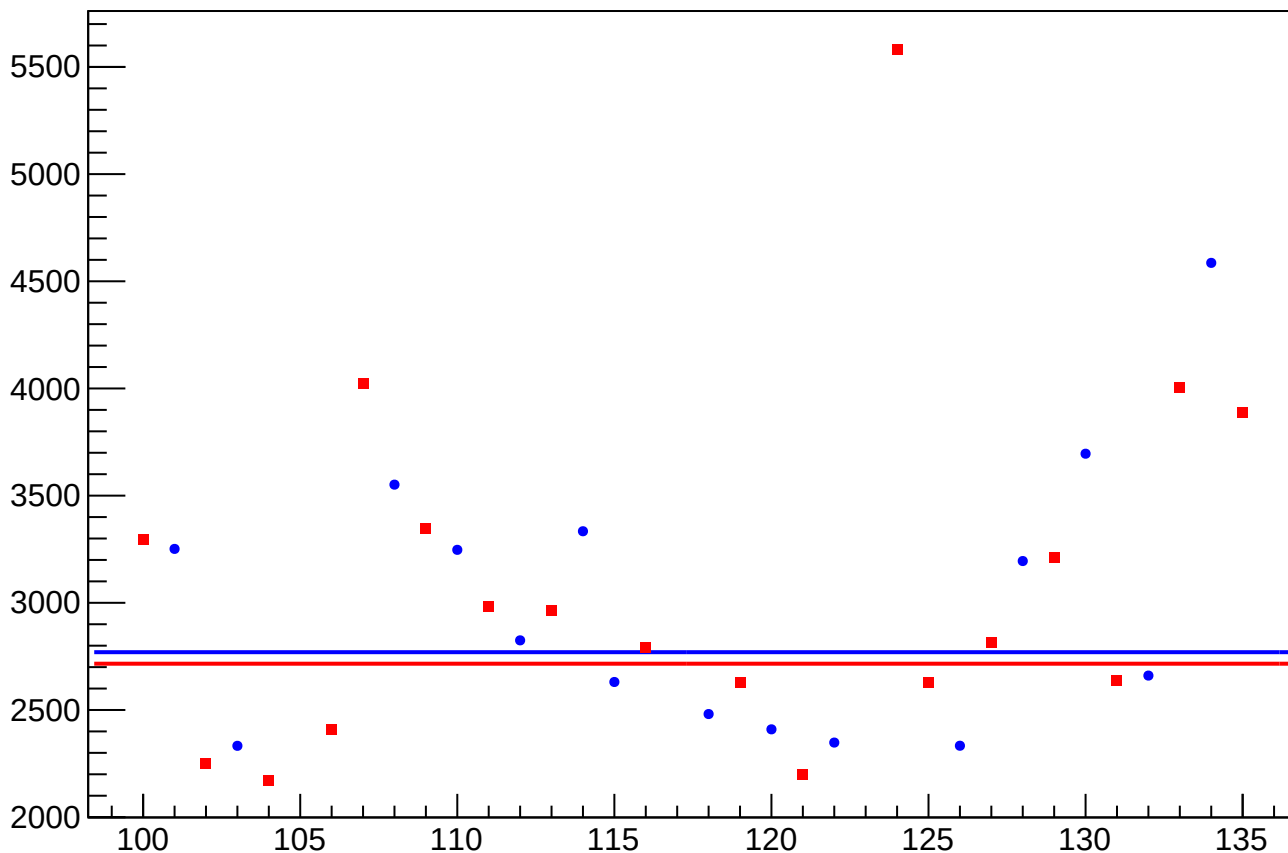
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 252.020+/-758.289 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_correction_rms vs Slug



Right In: 2769.644+/-0.794 χ^2/NDF : 419297.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

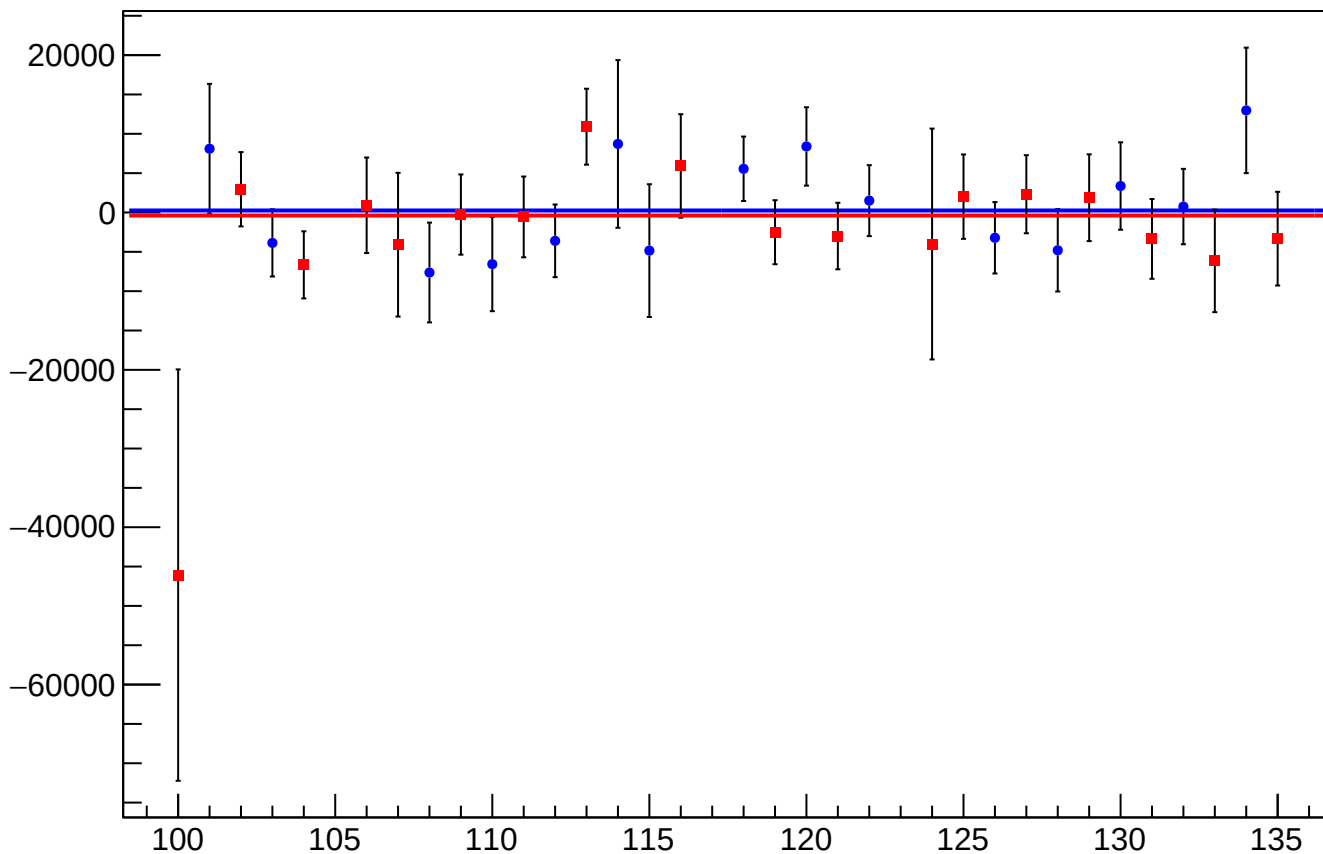
Right Out: 2715.919+/-0.727 χ^2/NDF : 577325.8/17

All: 2740.436+/-0.536 χ^2/NDF : 999114.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_mean vs Slug



Right In: 255.335 $\pm$ 1389.617 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -386.263 $\pm$ 1287.979 χ^2 /NDF: 15.1/17

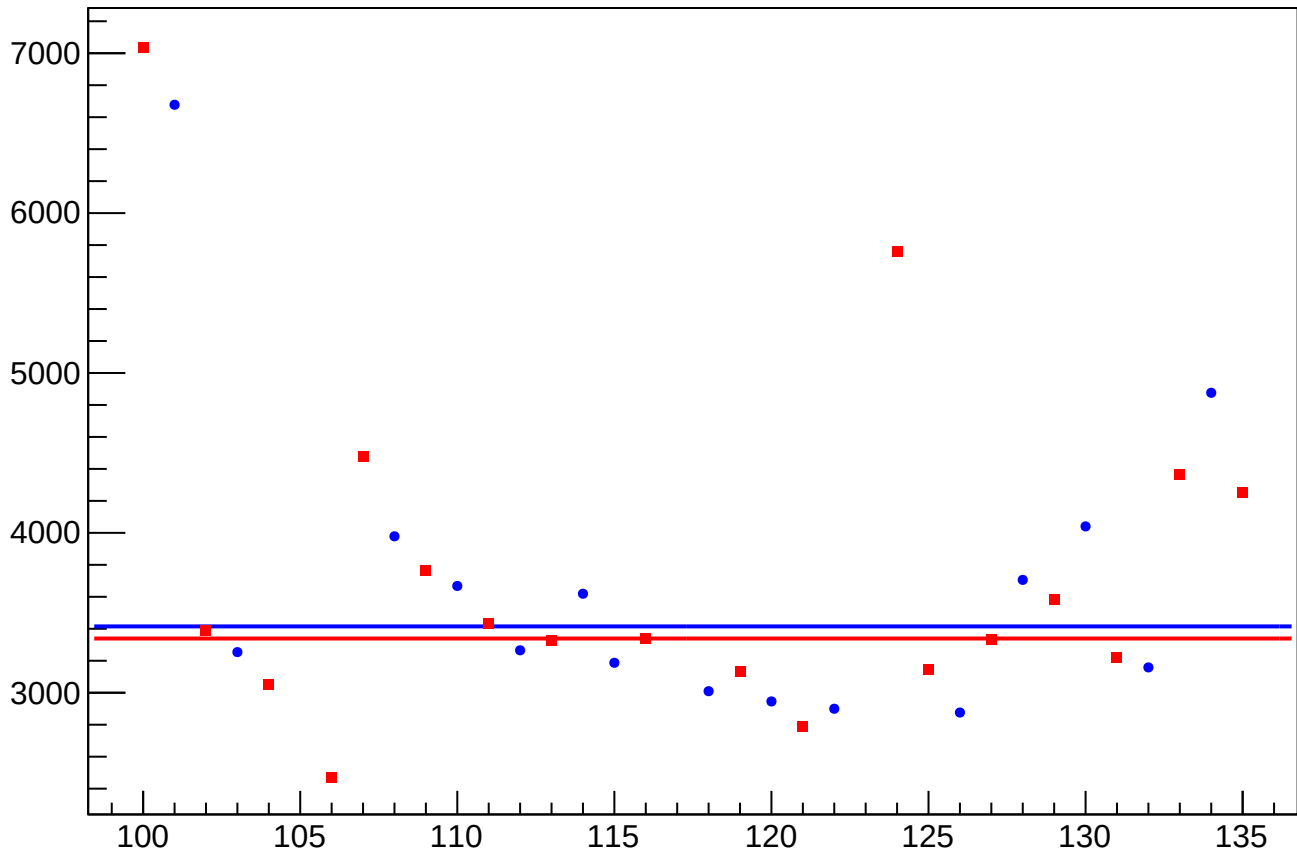
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -89.783 $\pm$ 944.629 χ^2 /NDF: 30.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_rms vs Slug



Right In: 3414.861 $\pm$ 0.983 χ^2 /NDF: 535768.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3339.116 $\pm$ 0.898 χ^2 /NDF: 360643.6/17

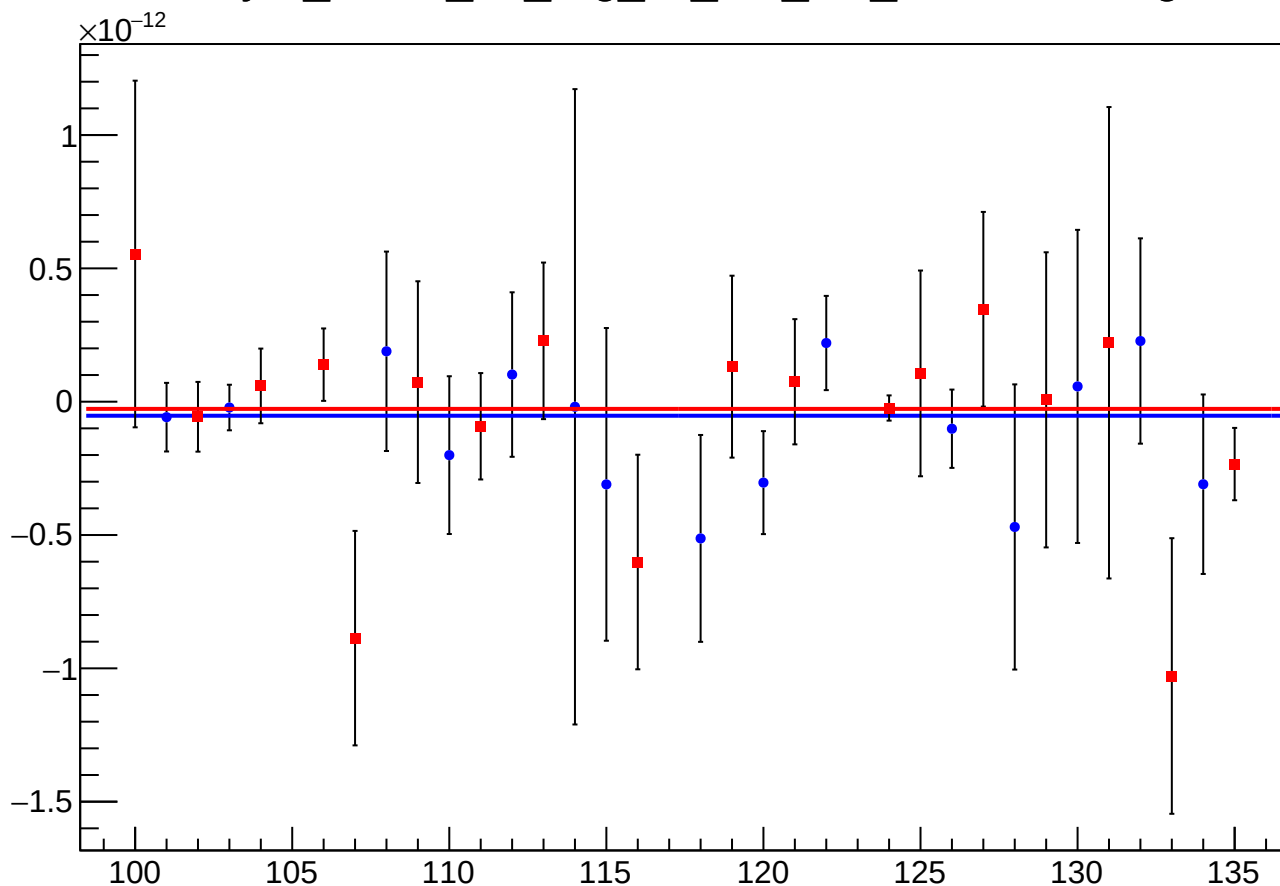
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3373.580 $\pm$ 0.663 χ^2 /NDF: 899650.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.0/17

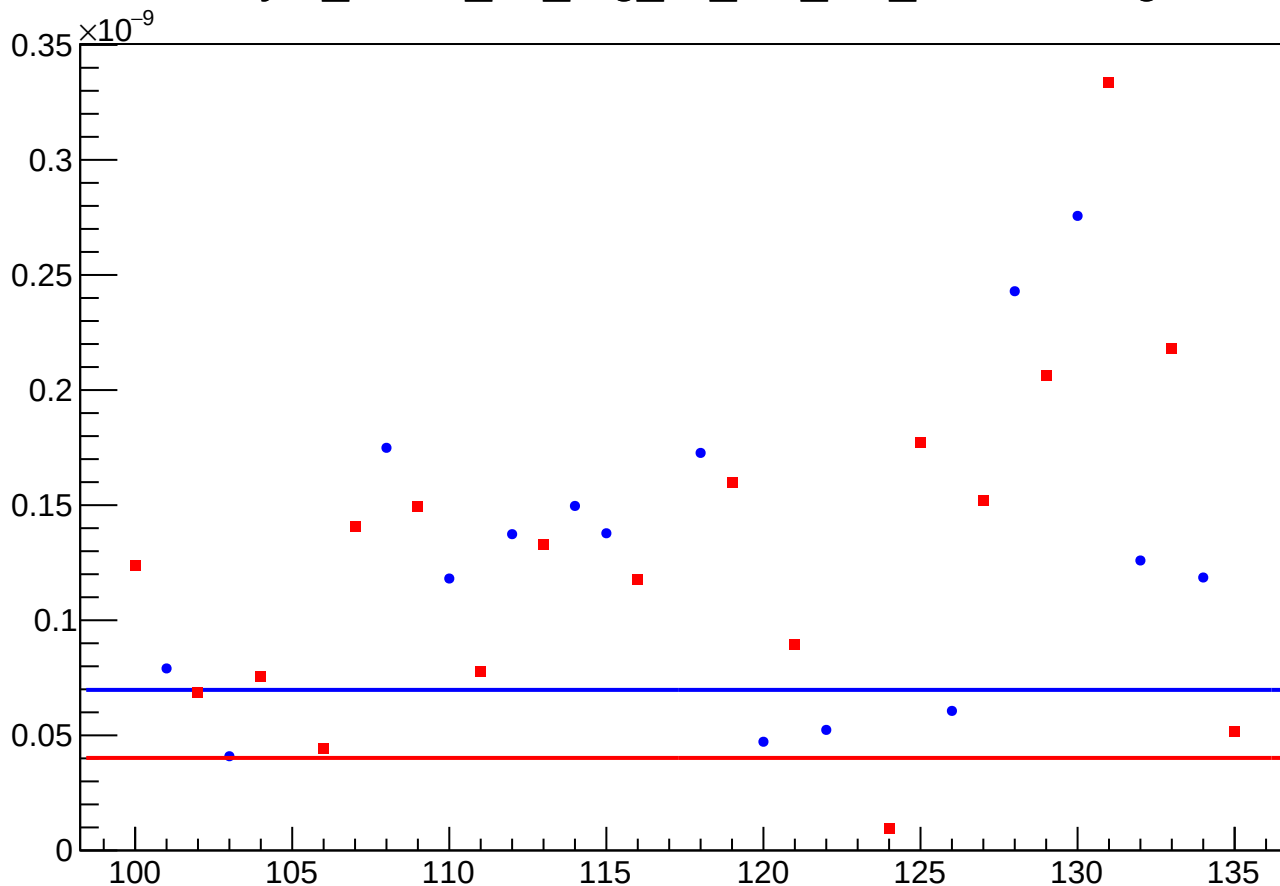
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1317464.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3151309.7/17

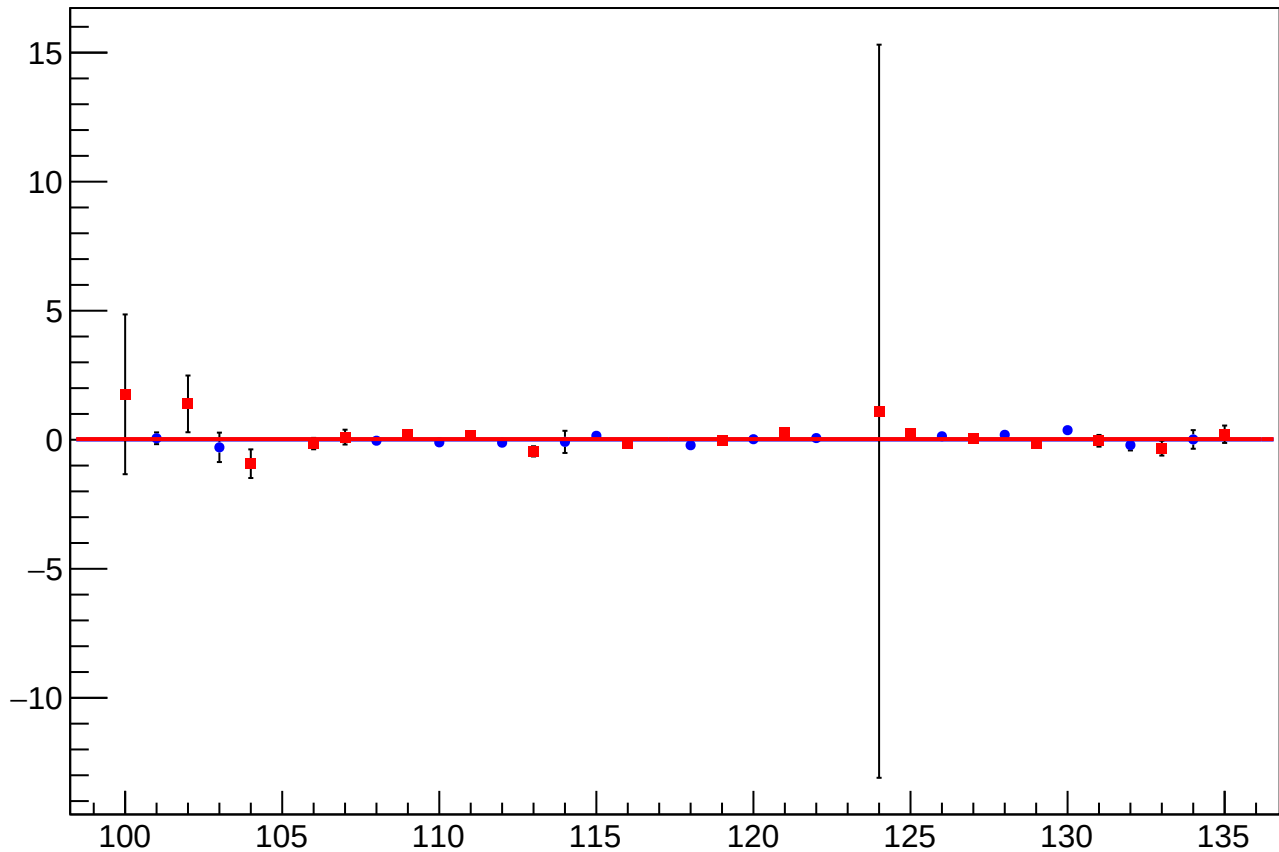
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4900949.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

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

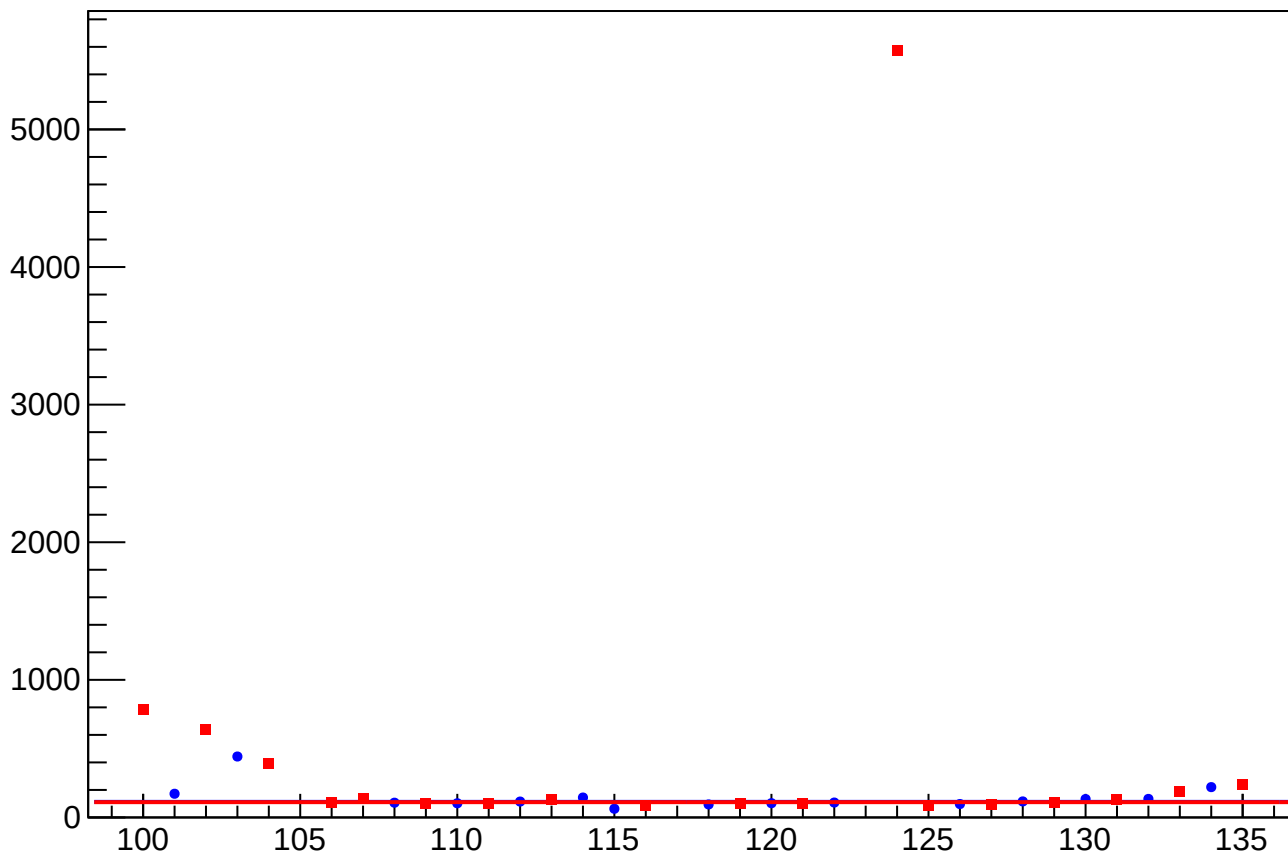
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.034 χ^2 /NDF: 33.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.219+/-0.033 χ^2/NDF : 2034024.4/17

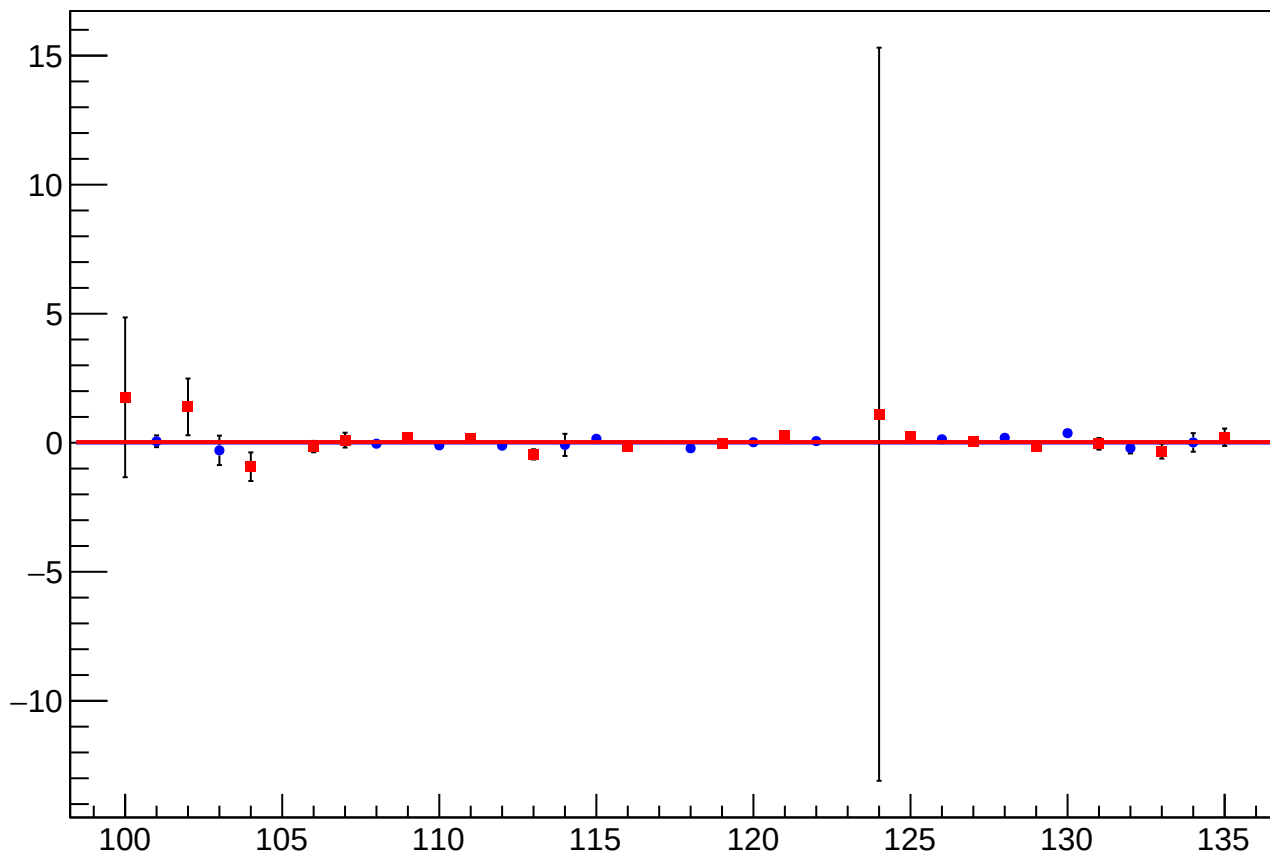
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.186+/-0.024 χ^2/NDF : 3310829.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

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

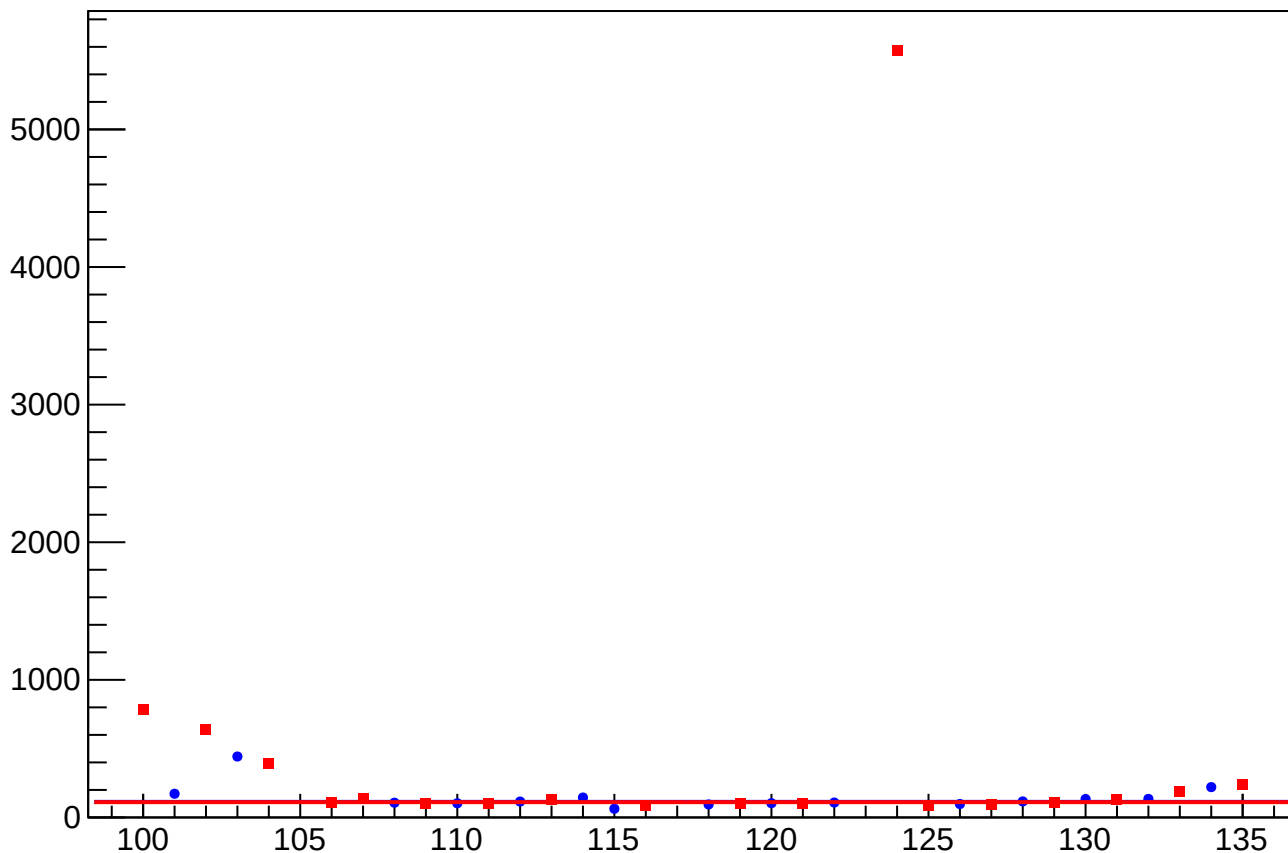
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.034 χ^2 /NDF: 33.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 113.230+/-0.035 χ^2/NDF : 1275042.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.219+/-0.033 χ^2/NDF : 2034024.4/17

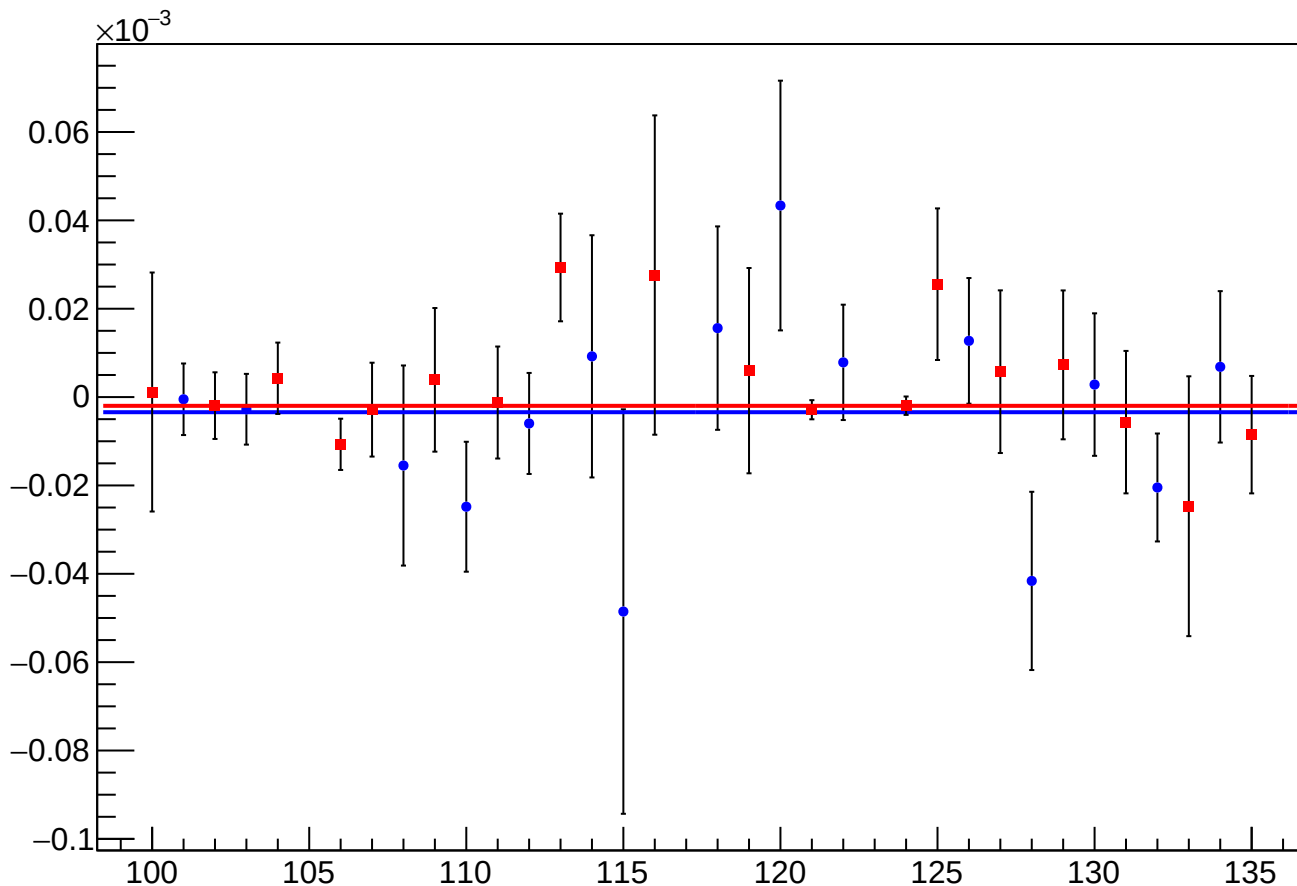
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.186+/-0.024 χ^2/NDF : 3310829.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2/NDF : 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 14.5/17

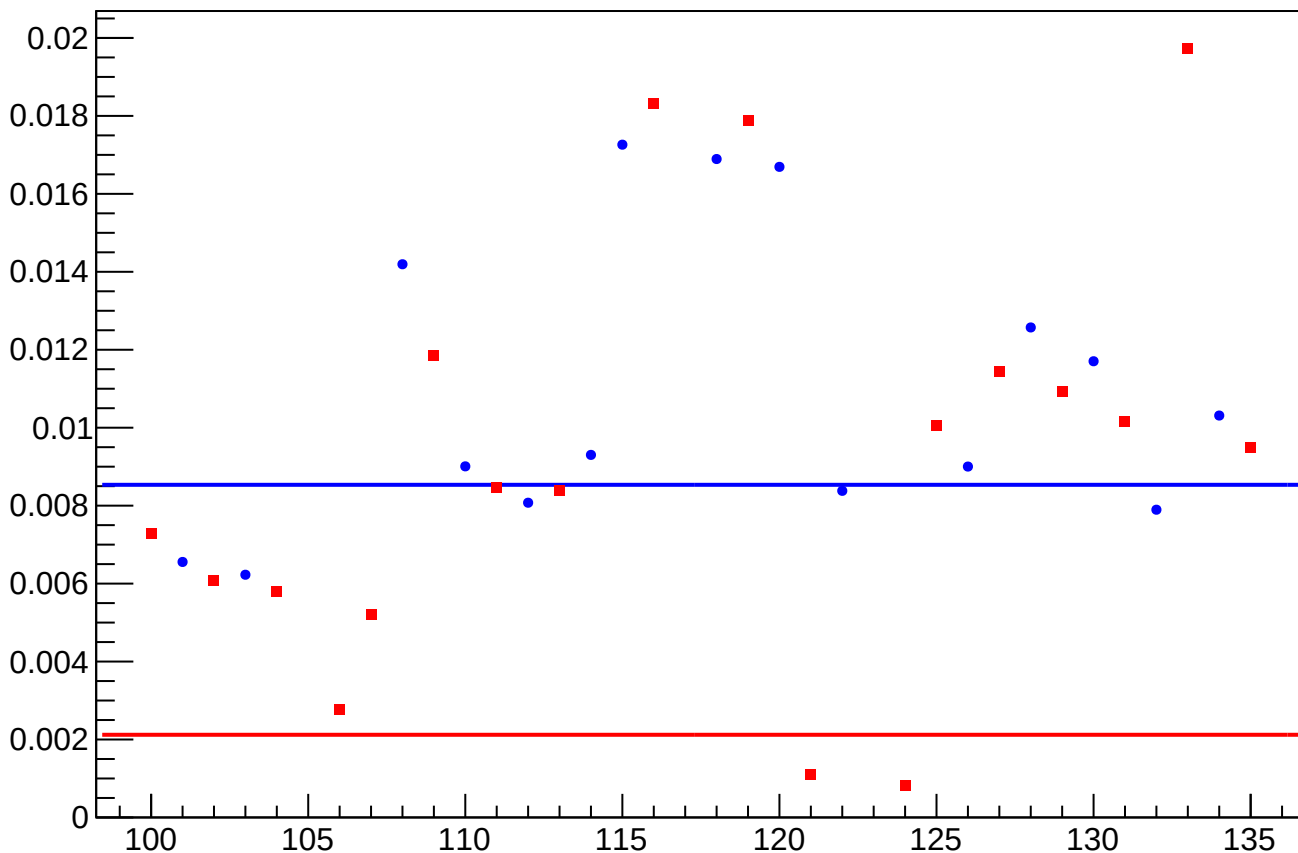
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.000 $\pm$ 0.000 χ^2/NDF : 29.9/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 1107090.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 8847144.2/17

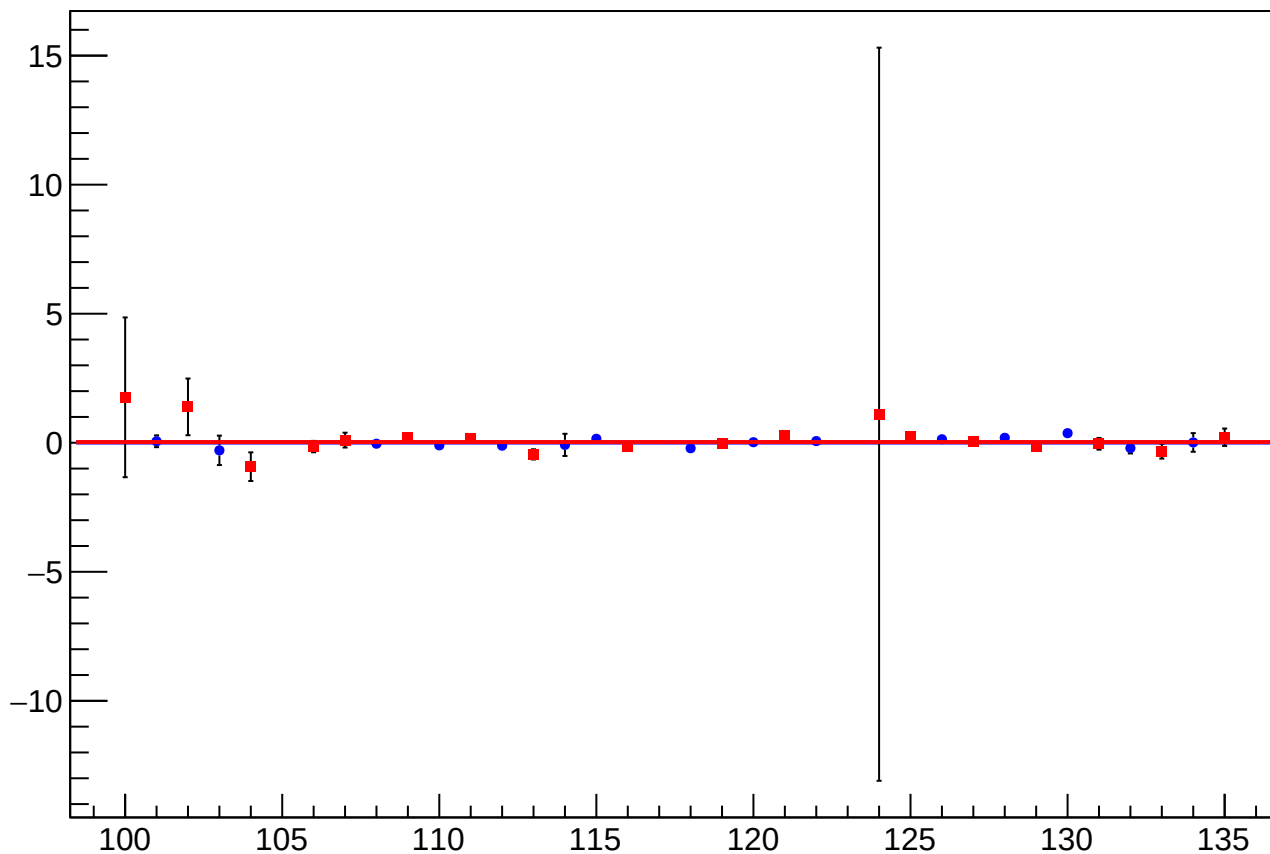
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 15534389.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

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

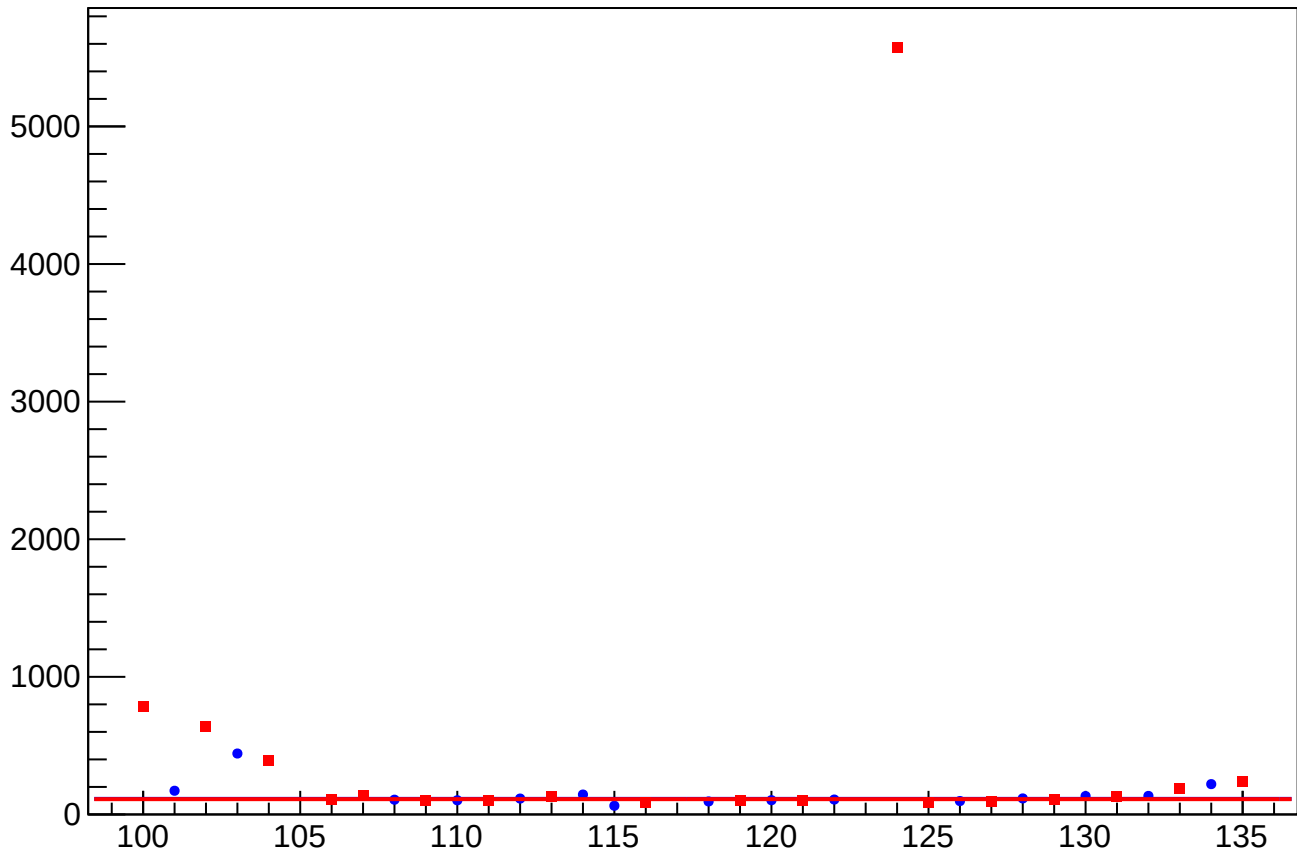
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.034 χ^2 /NDF: 33.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 113.230+/-0.035 χ^2/NDF : 1274999.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.221+/-0.033 χ^2/NDF : 2033956.1/17

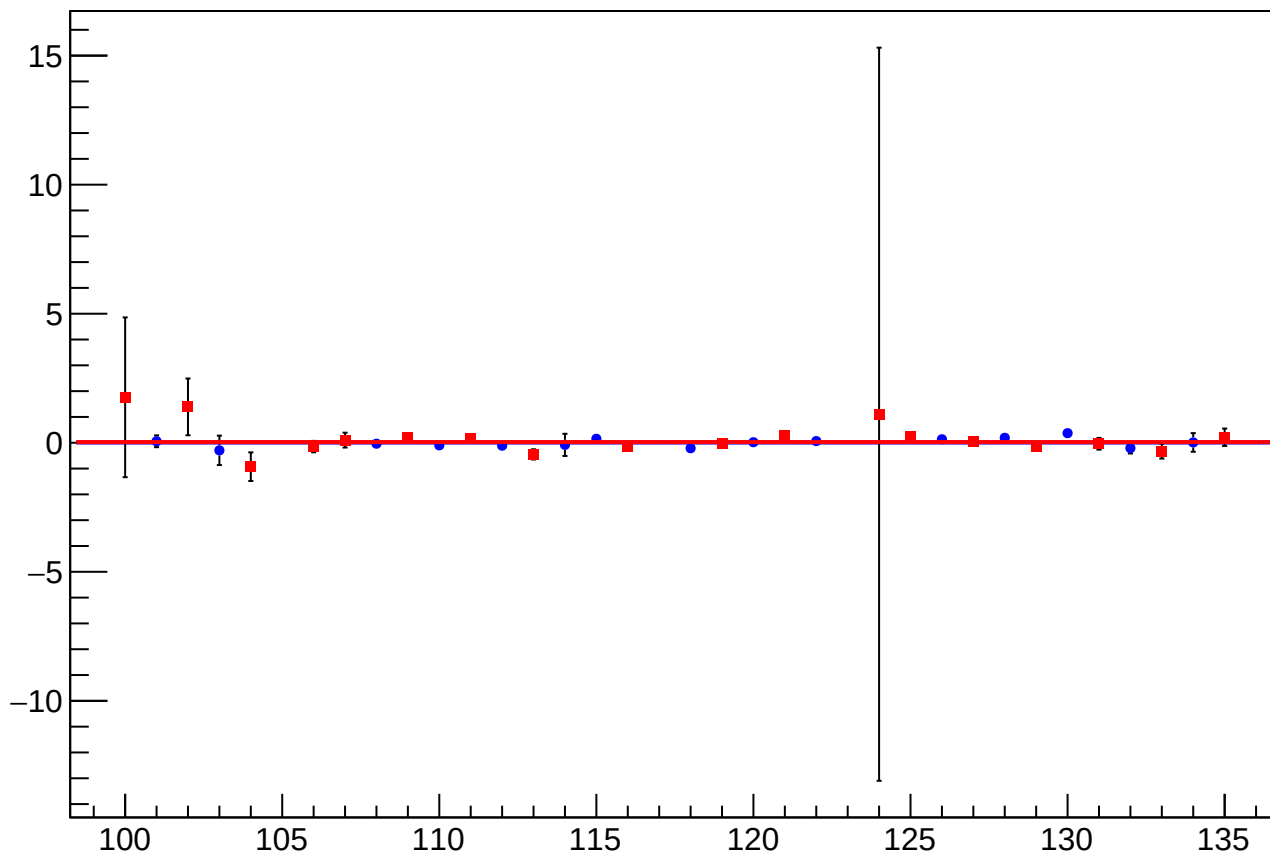
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.187+/-0.024 χ^2/NDF : 3310715.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.049 χ^2 /NDF: 11.4/14

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

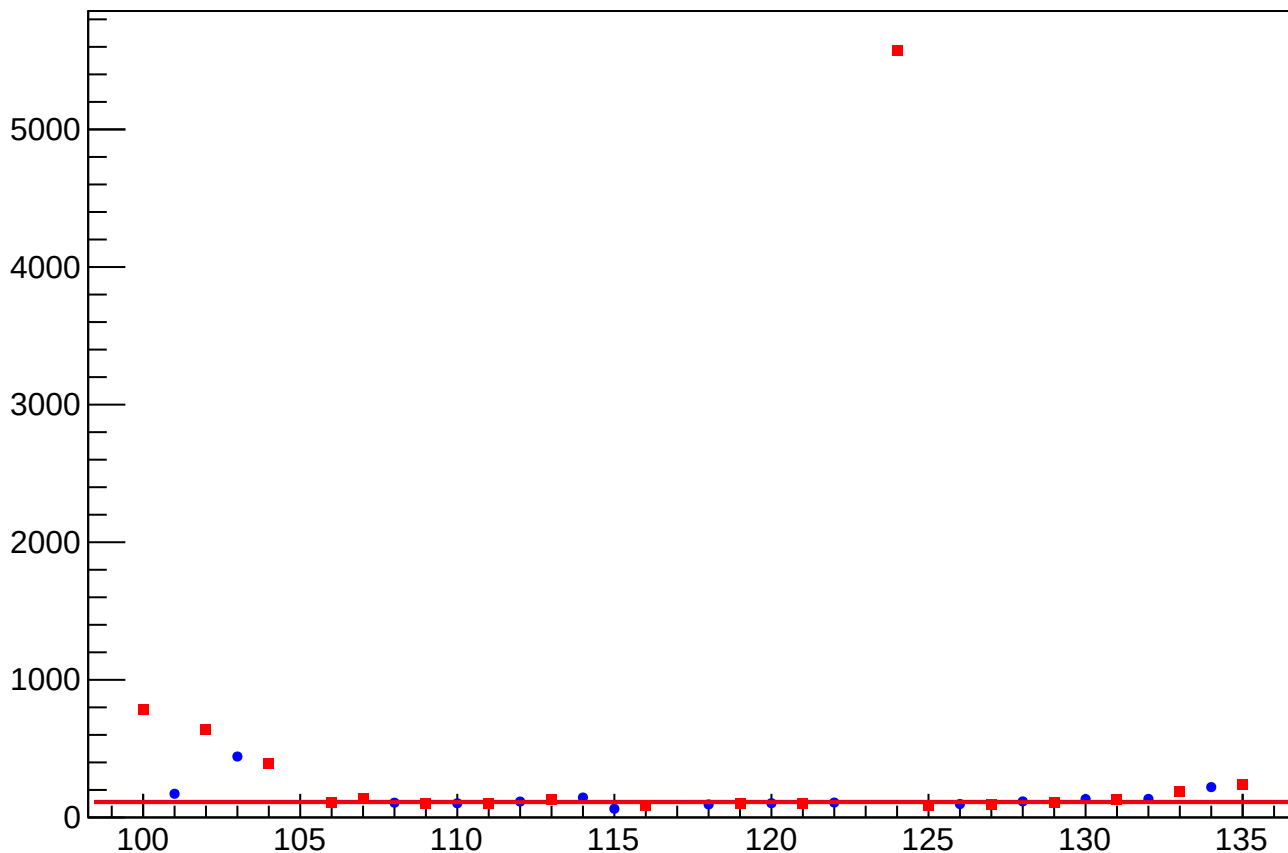
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.034 χ^2 /NDF: 33.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atr1l2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 113.230+/-0.035 χ^2/NDF : 1274999.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 111.221+/-0.033 χ^2/NDF : 2033956.1/17

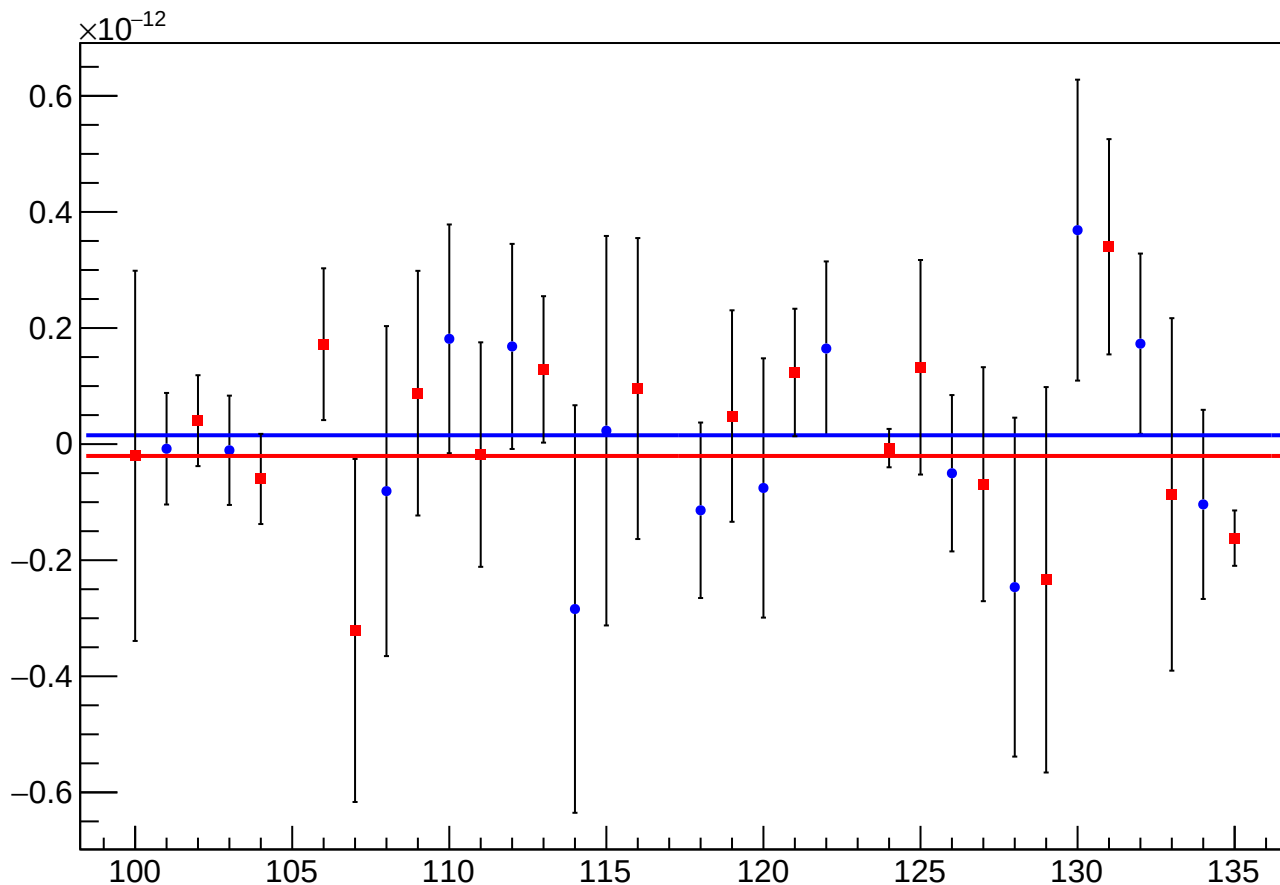
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 112.187+/-0.024 χ^2/NDF : 3310715.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 8.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 21.7/17

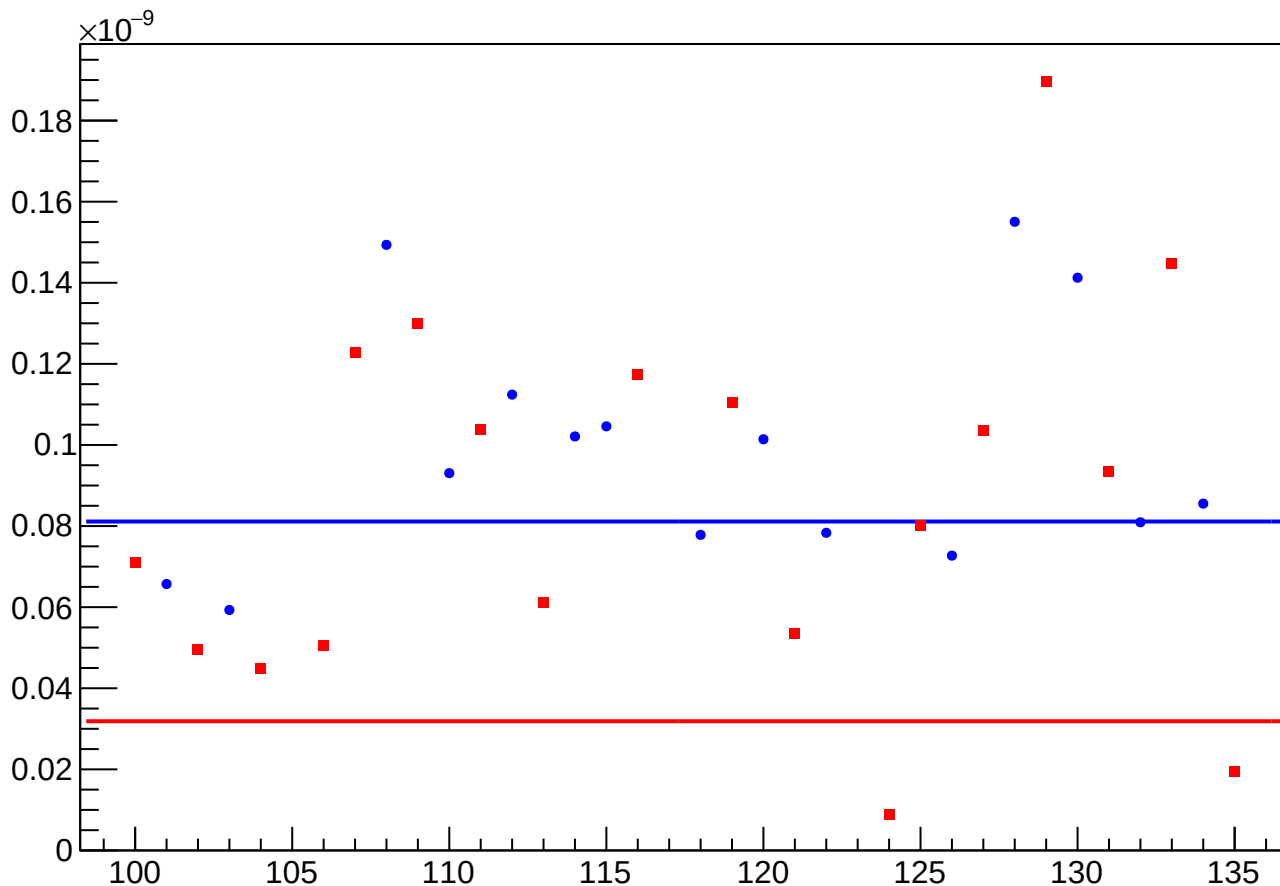
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 31.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atr1l2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 624234.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4352116.5/17

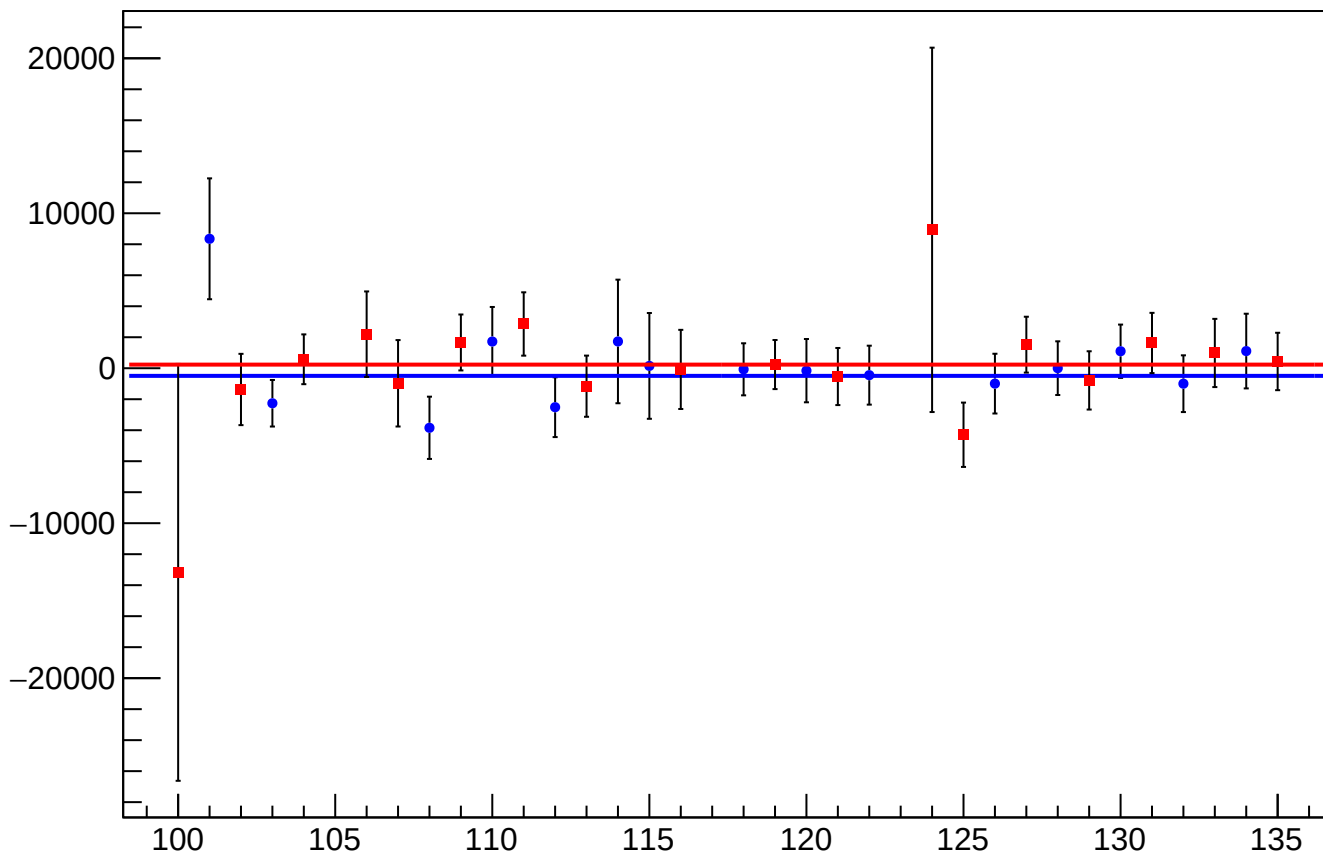
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7174505.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -492.842 ± 522.899 χ^2/NDF : 13.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 232.990 ± 494.825 χ^2/NDF : 11.9/17

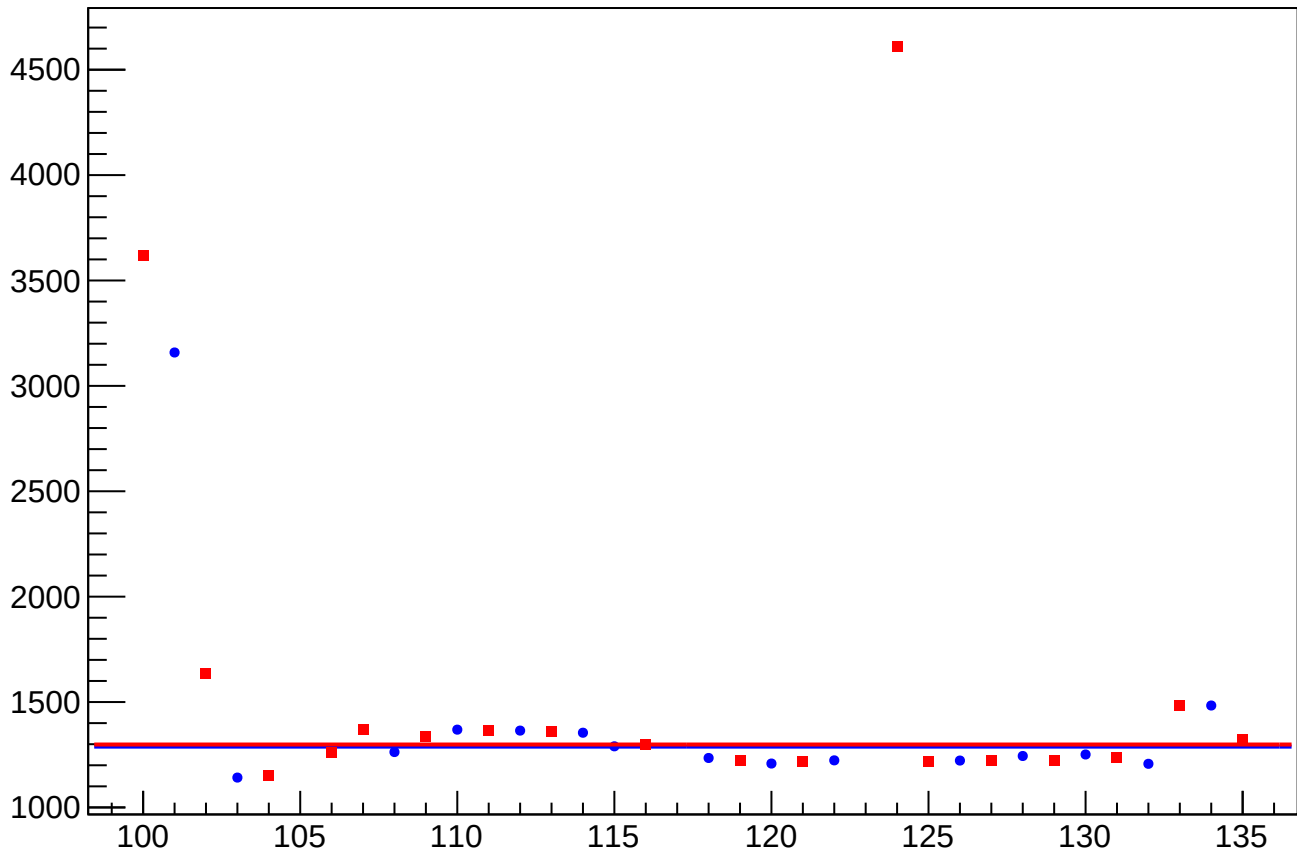
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.919 ± 359.409 χ^2/NDF : 26.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1288.515+/-0.370 χ^2/NDF : 514622.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1298.504+/-0.349 χ^2/NDF : 319368.2/17

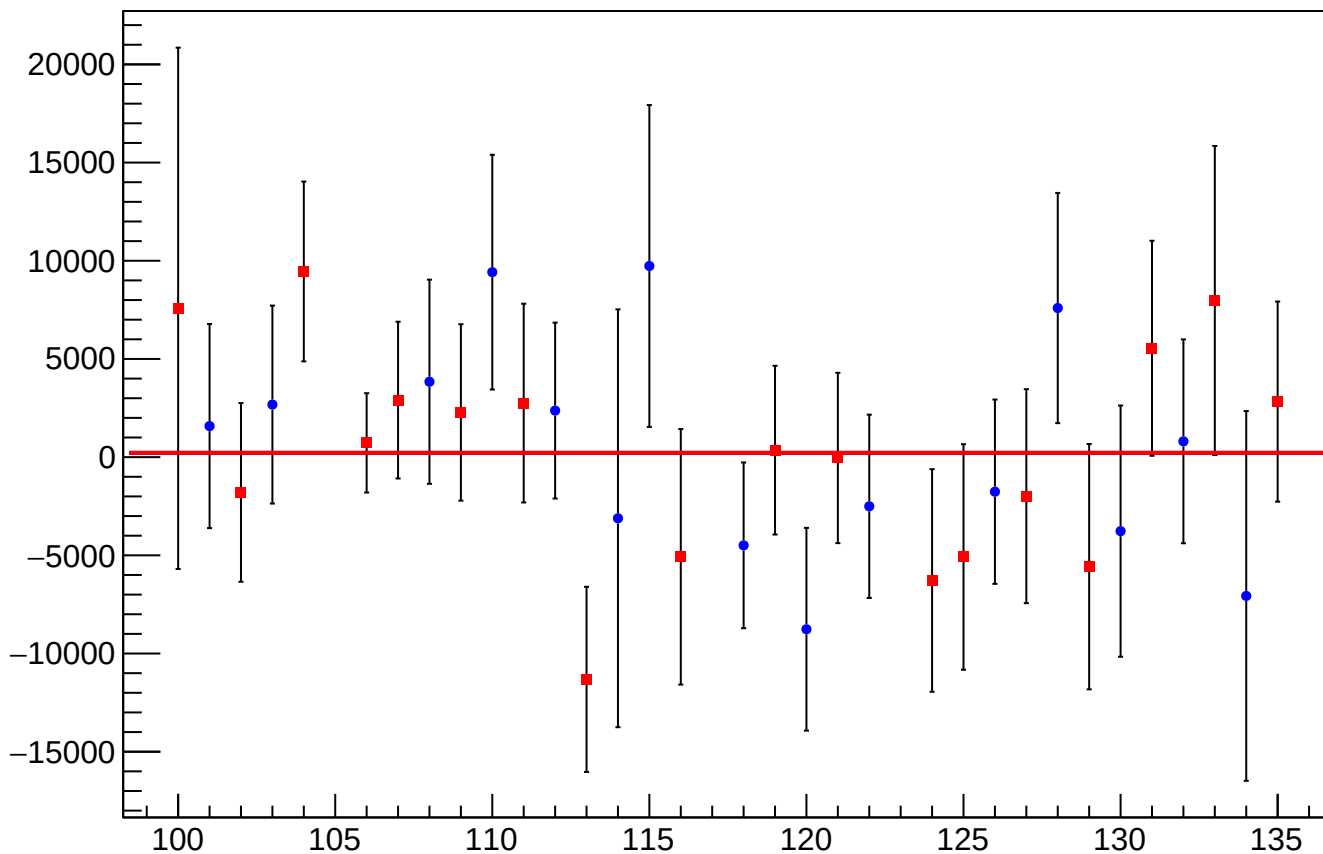
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1293.799+/-0.254 χ^2/NDF : 834377.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_mean vs Slug



Right In: 216.575 $\pm$ 1411.418 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 219.753 $\pm$ 1122.104 χ^2 /NDF: 17.6/17

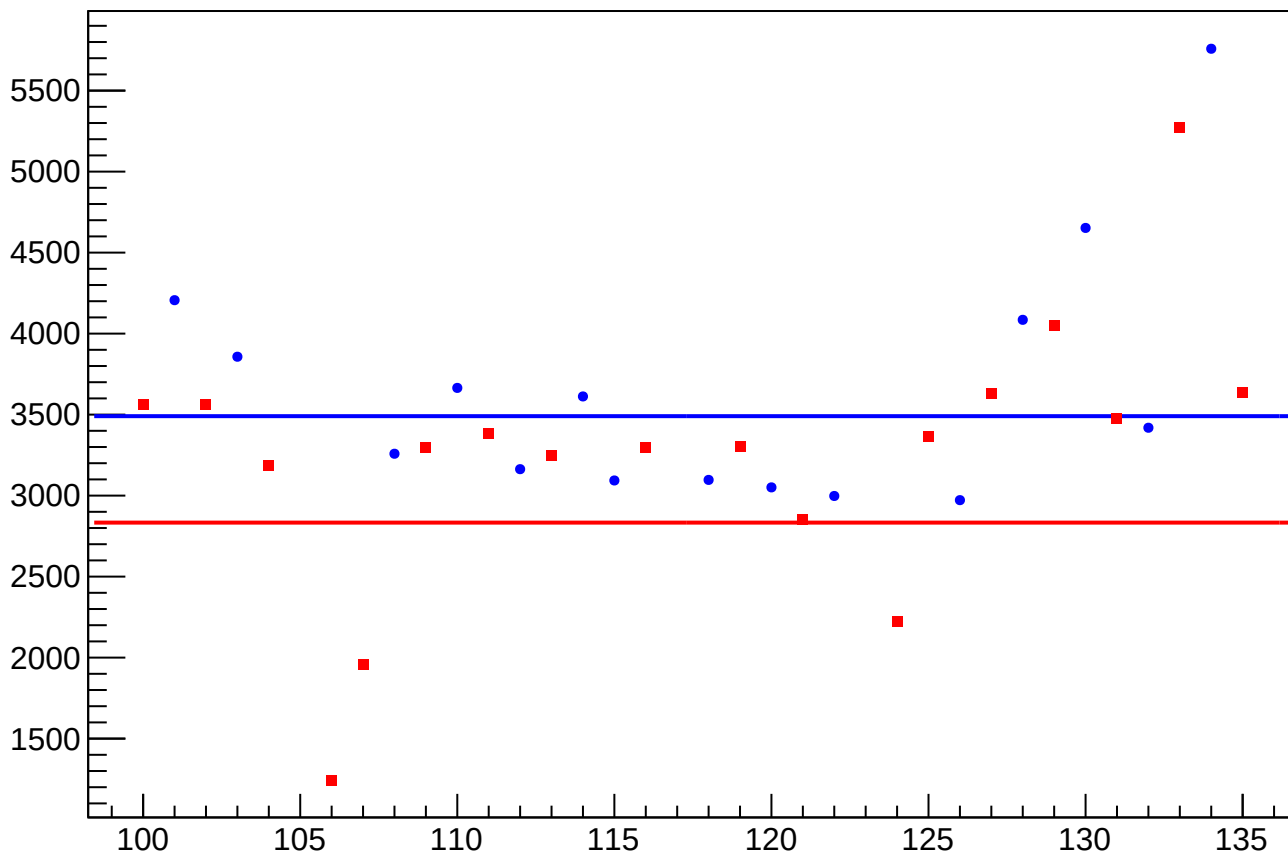
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.523 $\pm$ 878.346 χ^2 /NDF: 29.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_correction_rms vs Slug



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

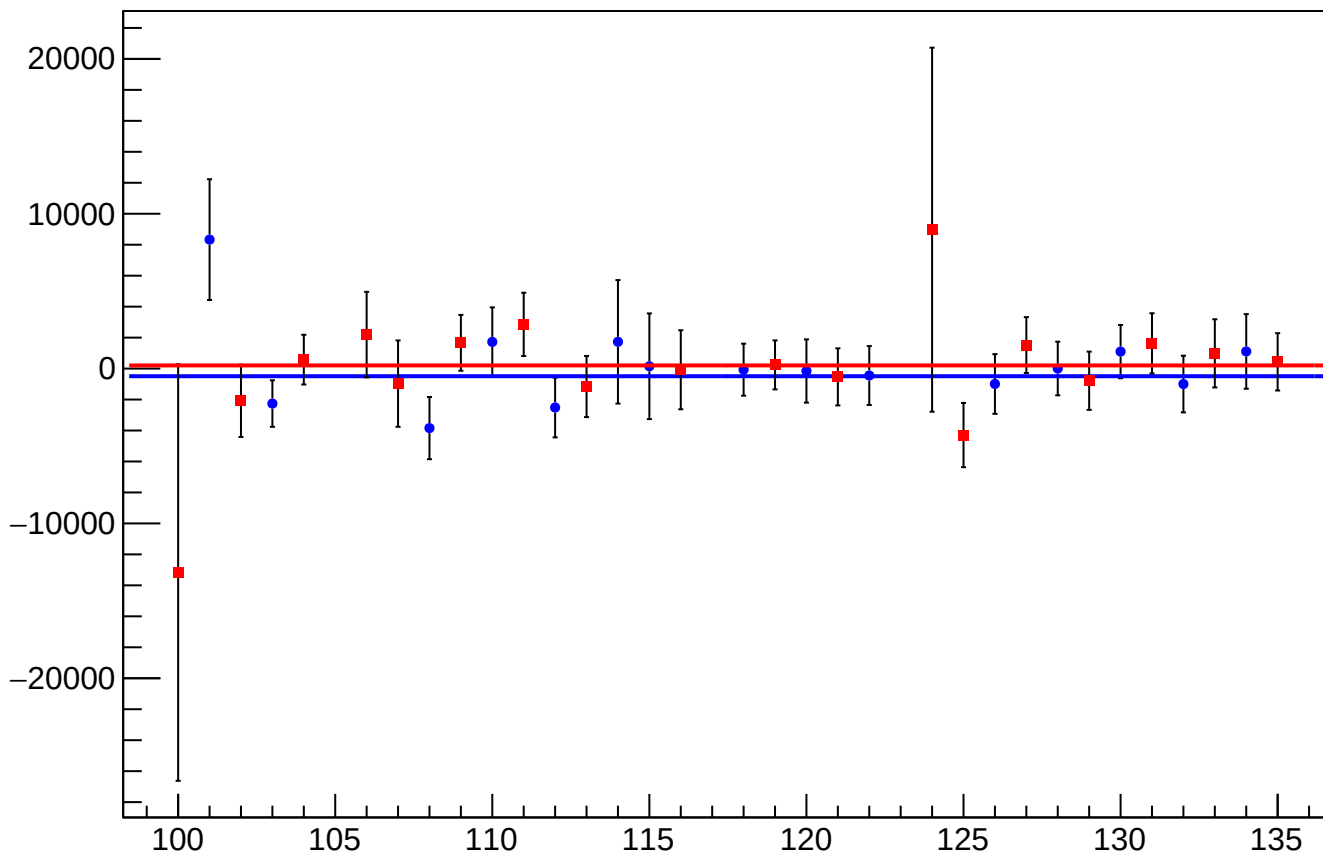
Right Out: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

All: 3087.815+/-0.621 χ^2/NDF : 2099459.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -493.297+/-522.899 χ^2 /NDF: 13.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 203.326+/-495.163 χ^2 /NDF: 12.4/17

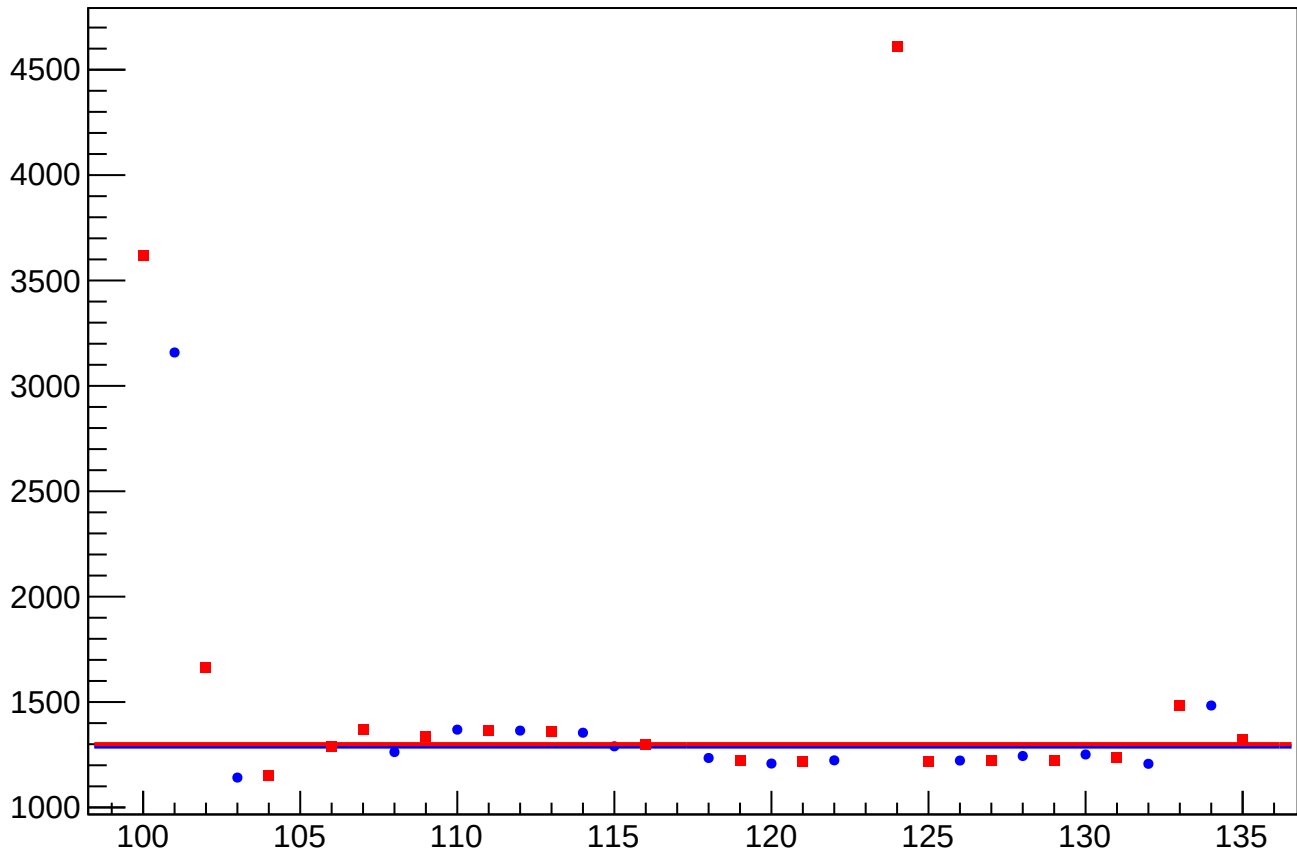
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -126.021+/-359.539 χ^2 /NDF: 26.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514624.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

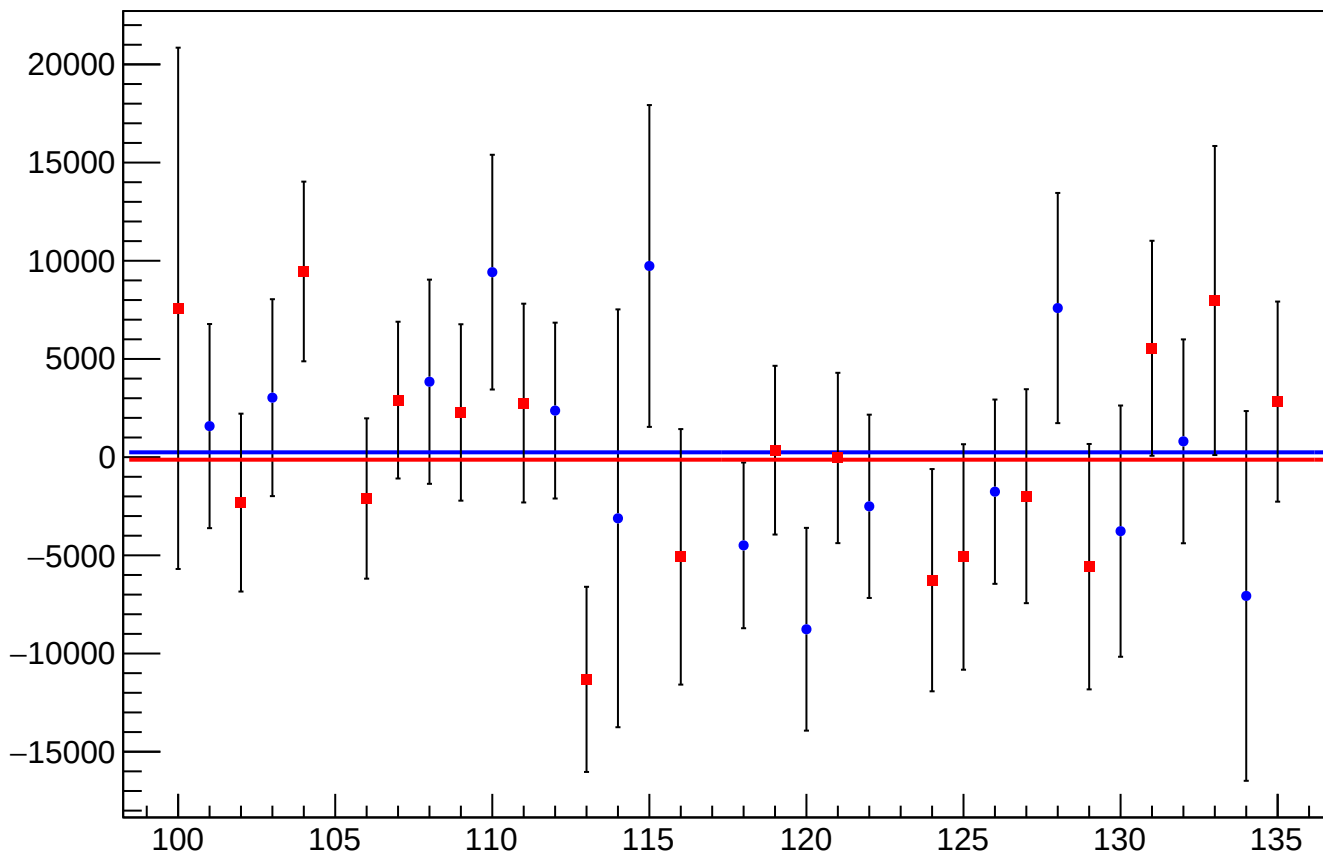
Right Out: 1300.591 $\pm$ 0.349 χ^2 /NDF: 325905.1/17

All: 1294.893 $\pm$ 0.254 χ^2 /NDF: 841092.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_mean vs Slug



Right In: 246.211 $\pm$ 1410.868 χ^2 /NDF: 12.3/14

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

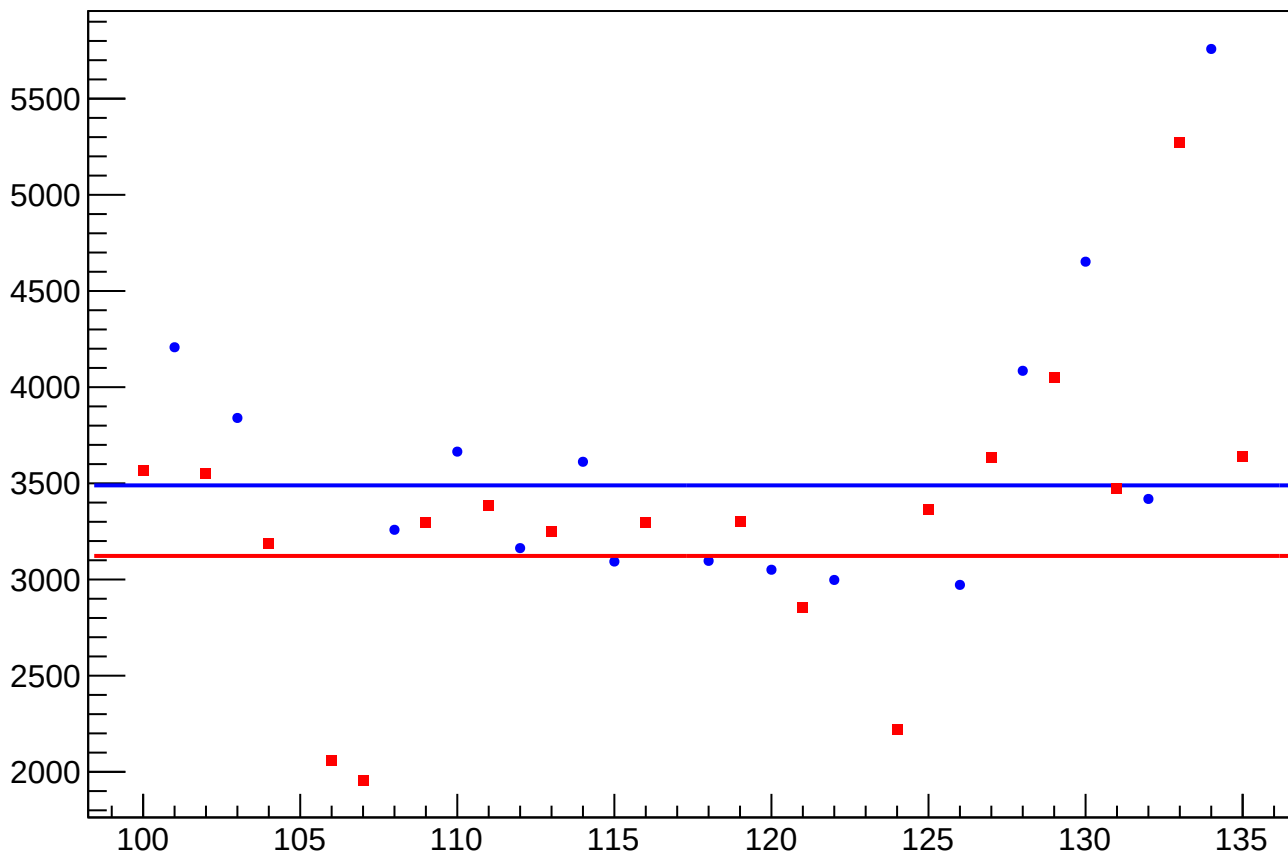
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.261 $\pm$ 912.541 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_cor_correction_rms vs Slug



Right In: 3489.402 $\pm$ 0.998 χ^2 /NDF: 350758.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

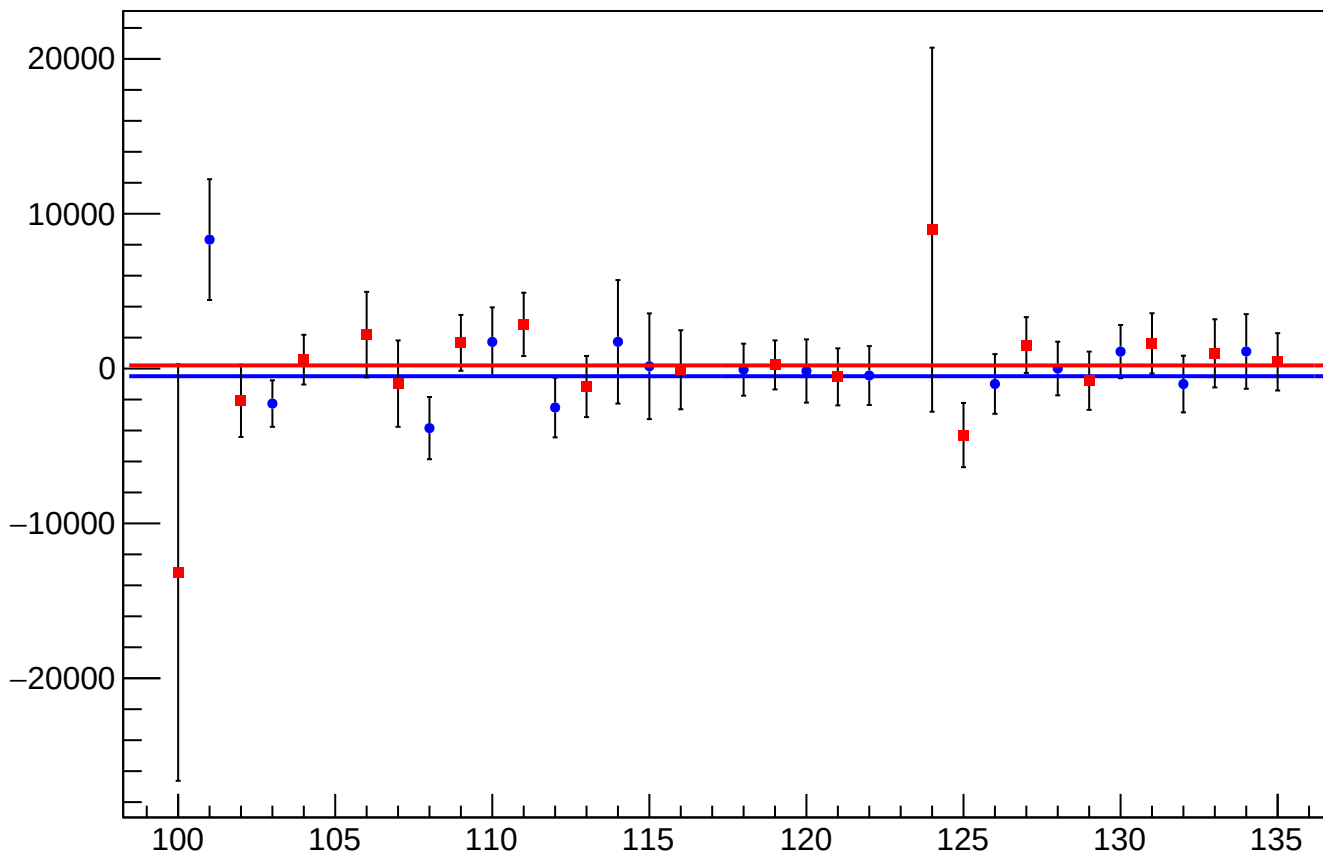
Right Out: 3122.573 $\pm$ 0.846 χ^2 /NDF: 643297.0/17

All: 3276.033 $\pm$ 0.645 χ^2 /NDF: 1072696.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -493.297 $\pm$ 522.899 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.326 $\pm$ 495.163 χ^2 /NDF: 12.4/17

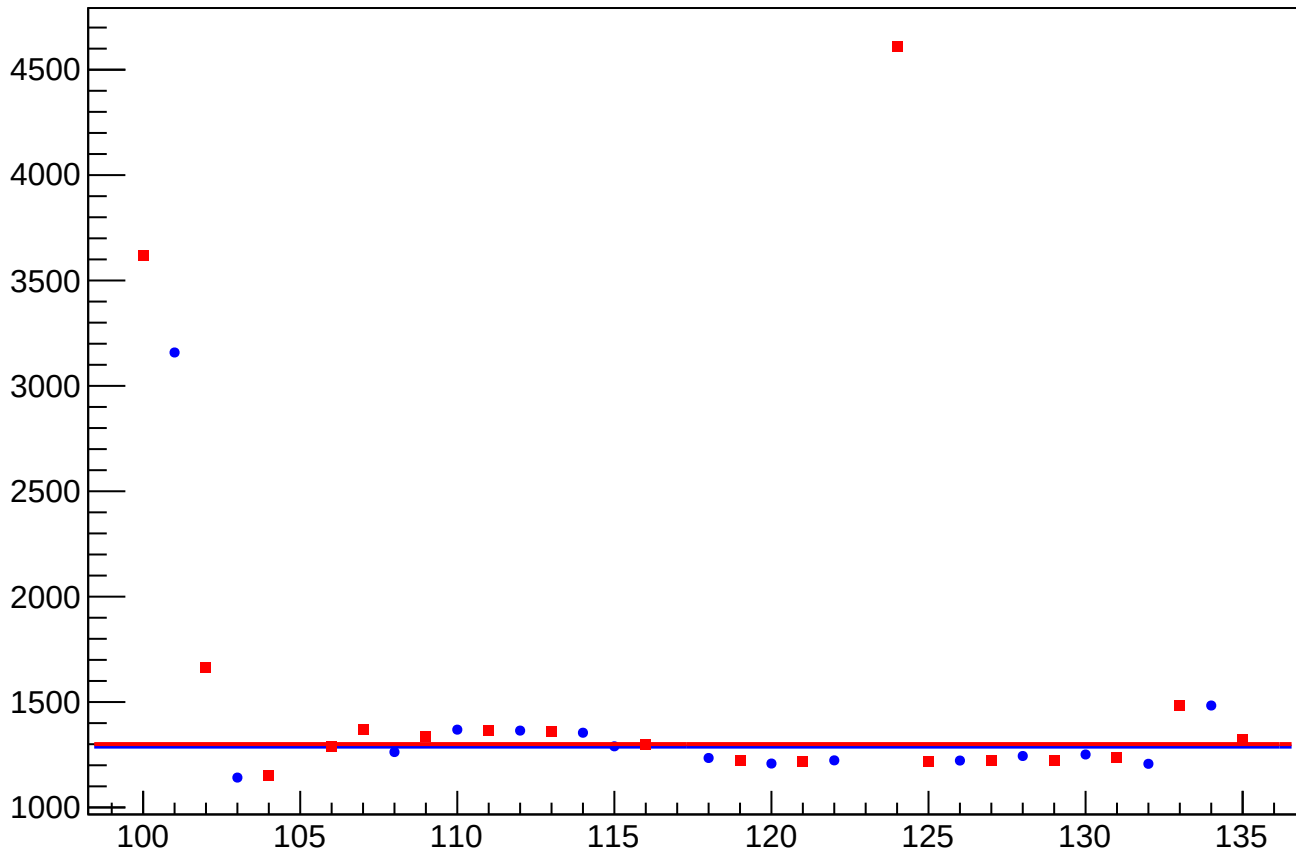
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.021 $\pm$ 359.539 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514624.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

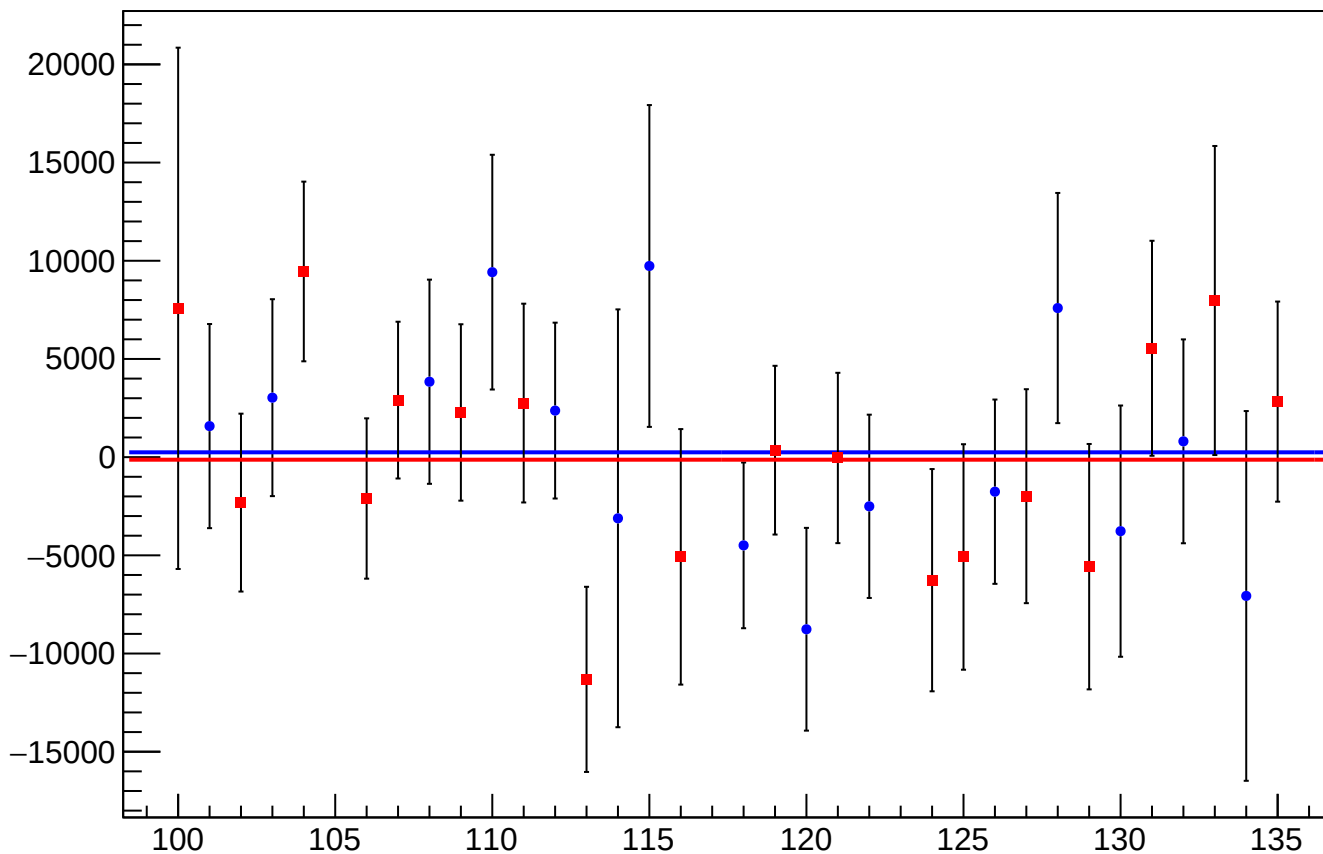
Right Out: 1300.591 $\pm$ 0.349 χ^2 /NDF: 325905.1/17

All: 1294.893 $\pm$ 0.254 χ^2 /NDF: 841092.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 246.211 $\pm$ 1410.868 χ^2 /NDF: 12.3/14

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

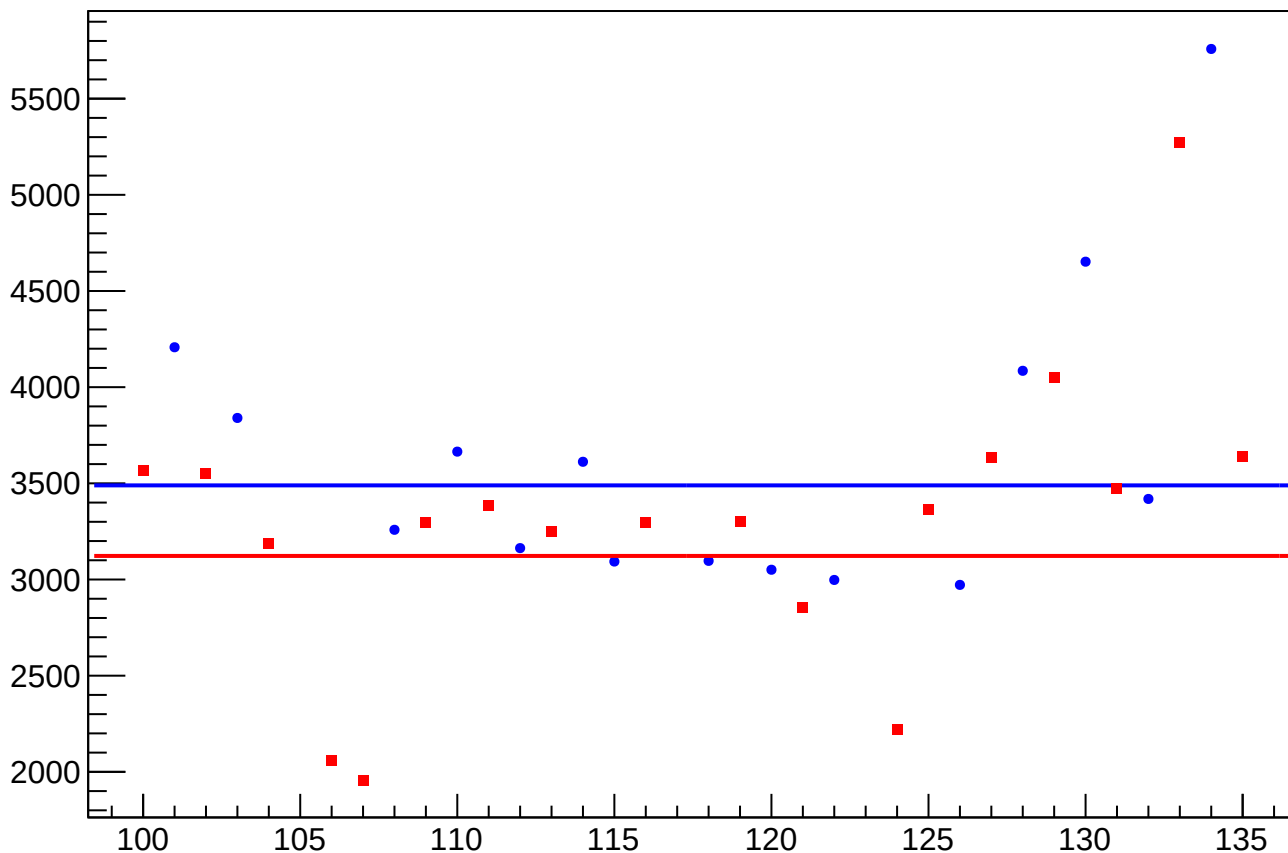
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.261 $\pm$ 912.541 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

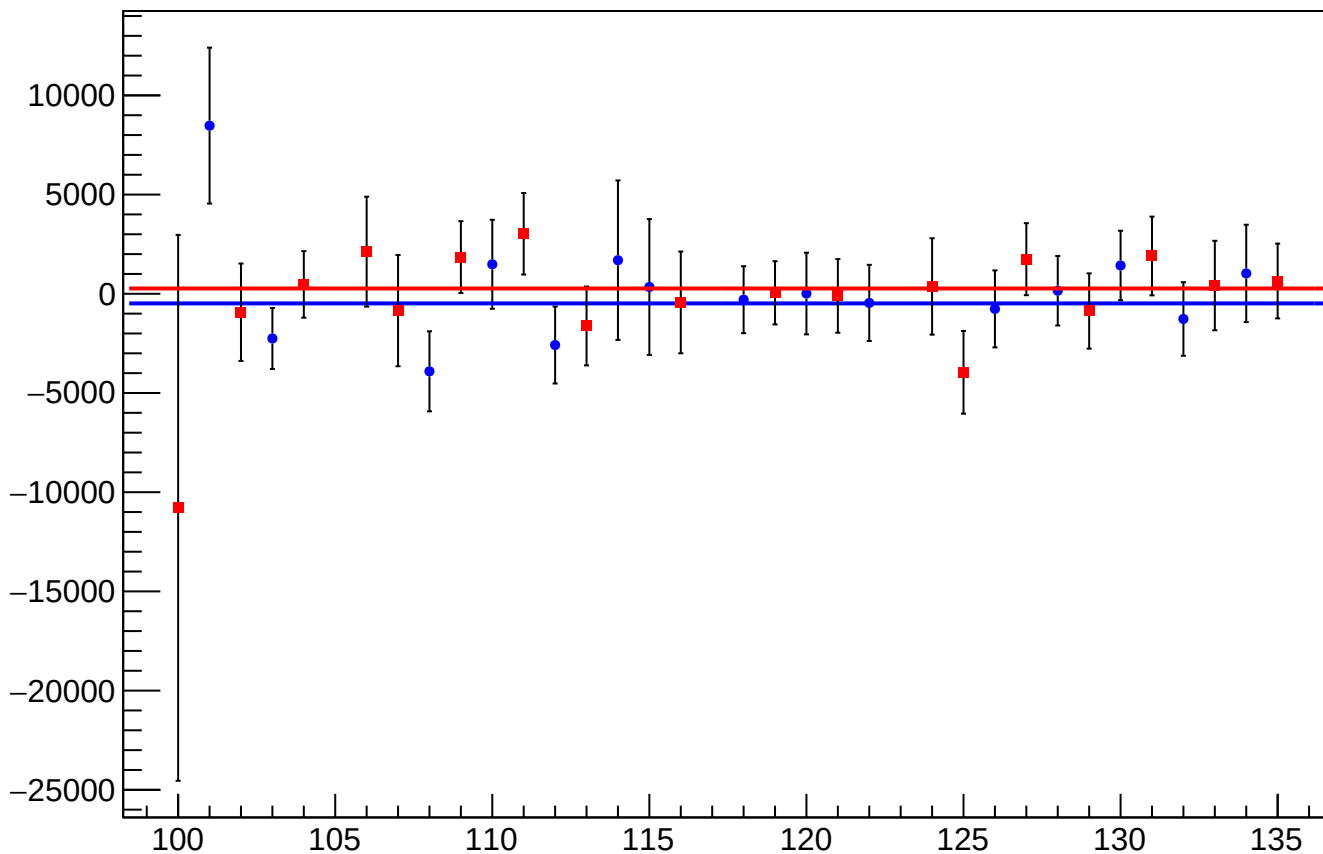
Right Out: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

All: 3276.033+/-0.645 χ^2/NDF : 1072696.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -485.013 $\pm$ 528.473 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 267.829 $\pm$ 492.176 χ^2 /NDF: 11.0/17

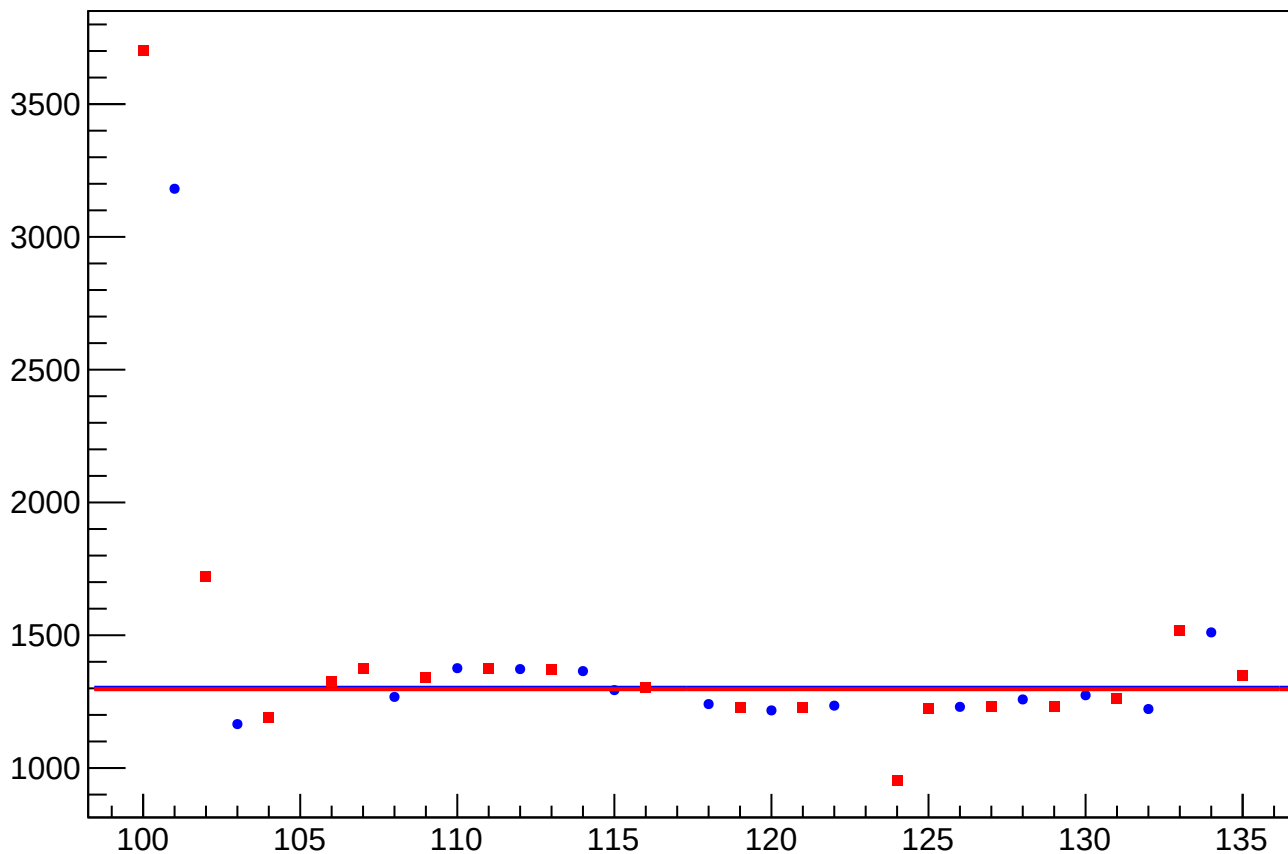
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -81.852 $\pm$ 360.170 χ^2 /NDF: 25.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1302.348+/-0.374 χ^2/NDF : 510413.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

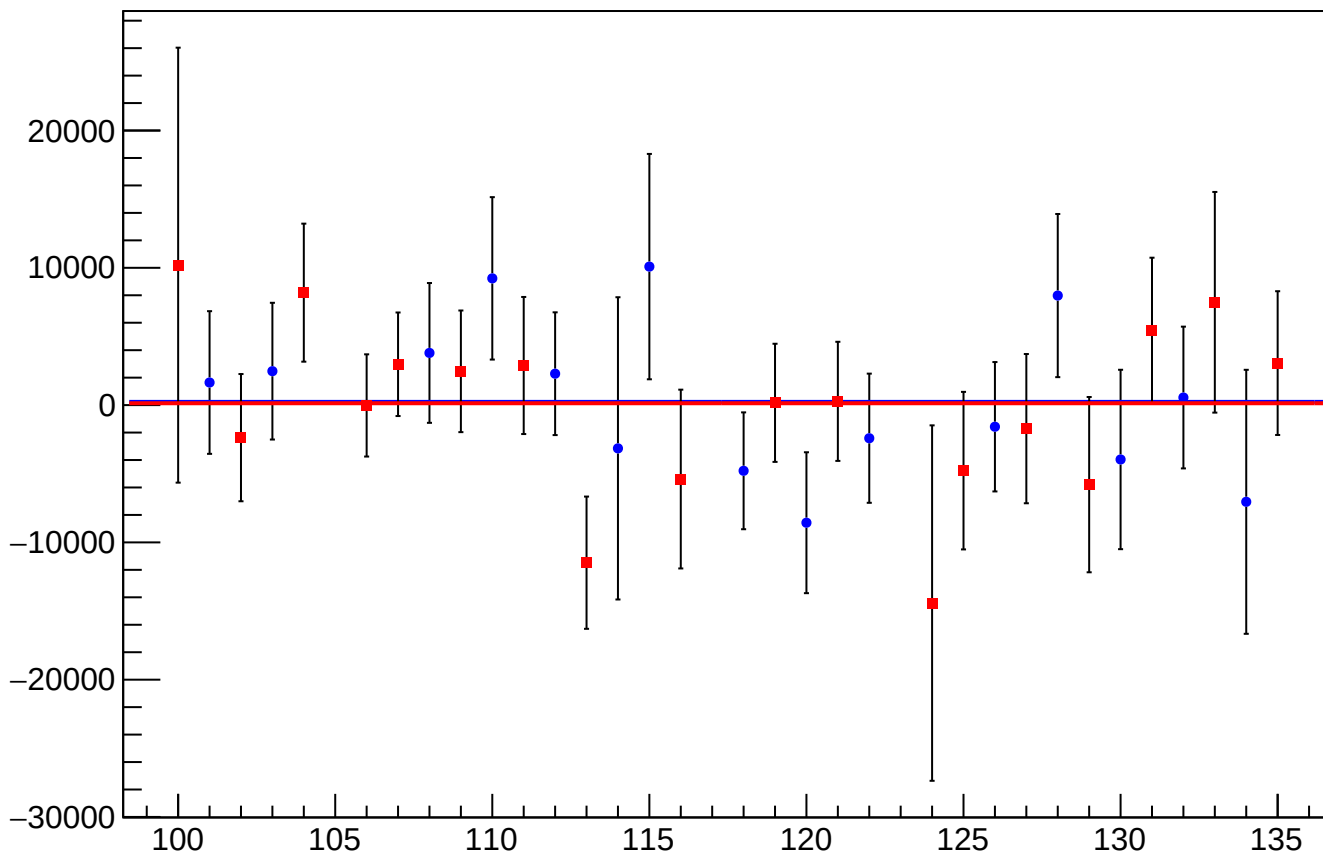
Right Out: 1296.732+/-0.348 χ^2/NDF : 212745.9/17

All: 1299.338+/-0.255 χ^2/NDF : 723280.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_mean vs Slug



Right In: 234.123 $\pm$ 1412.627 χ^2 /NDF: 12.3/14

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

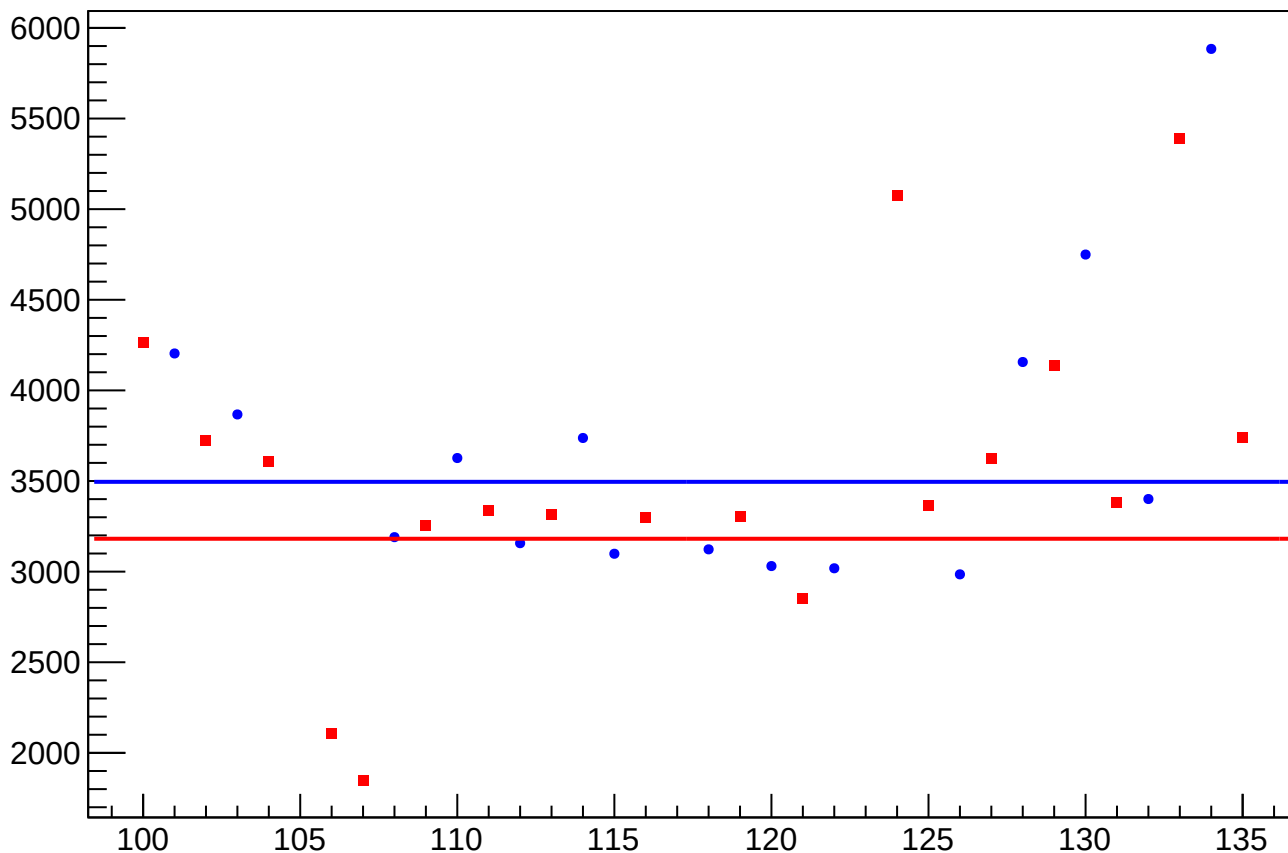
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.325 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_correction_rms vs Slug



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

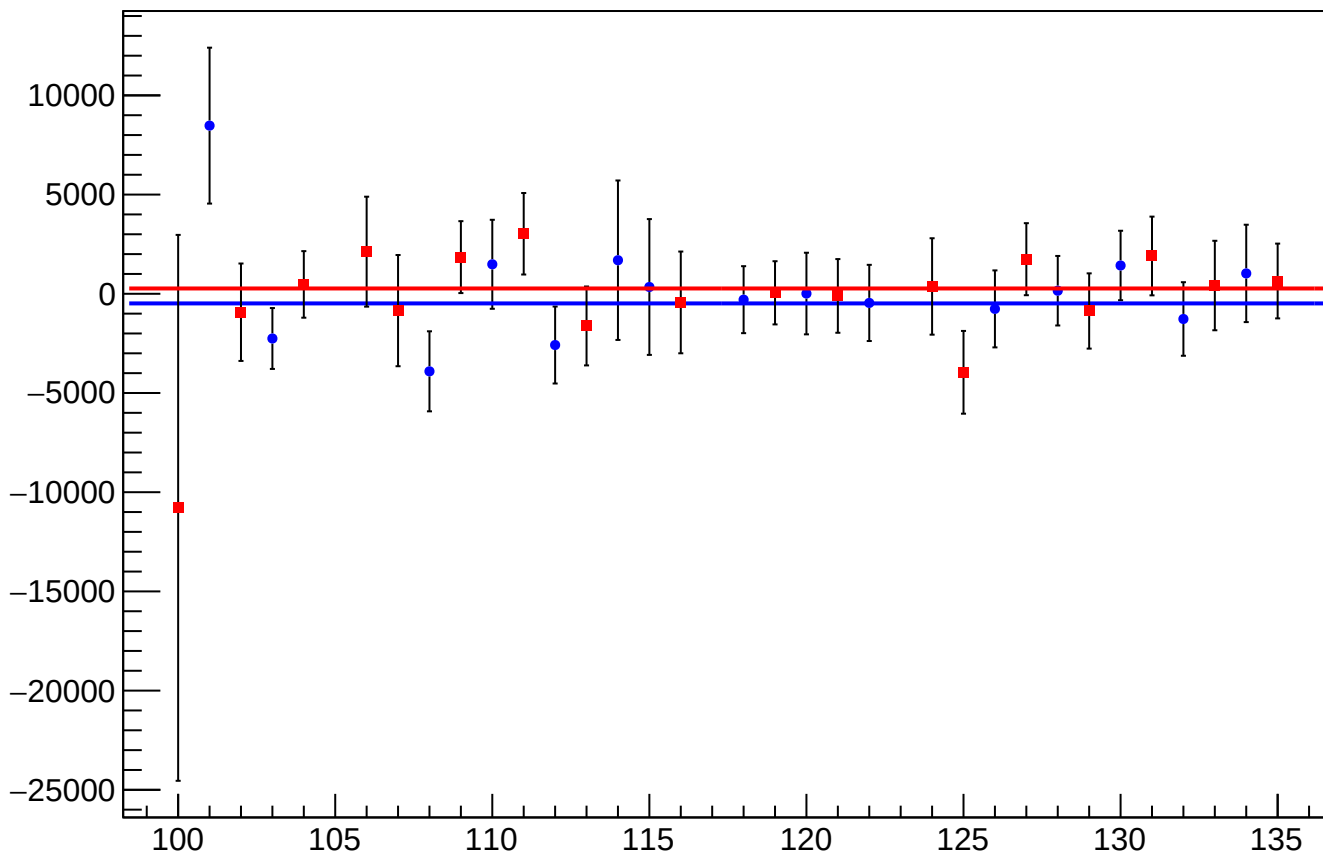
Right Out: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

All: 3314.714+/-0.651 χ^2/NDF : 1193915.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.835+/-492.176 χ^2/NDF : 11.0/17

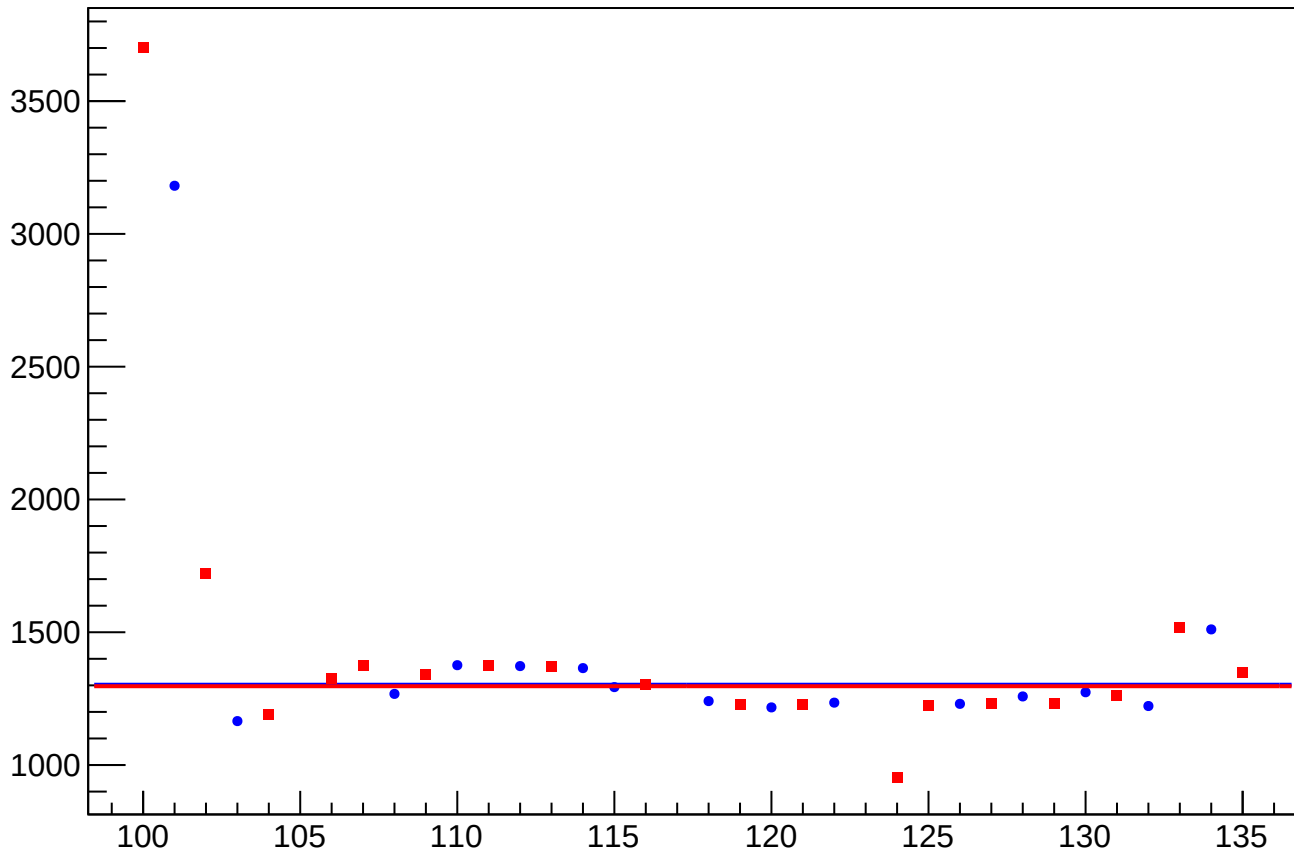
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.850+/-360.170 χ^2/NDF : 25.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 1302.348 $\pm$ 0.374 χ^2 /NDF: 510414.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1296.732 $\pm$ 0.348 χ^2 /NDF: 212746.0/17

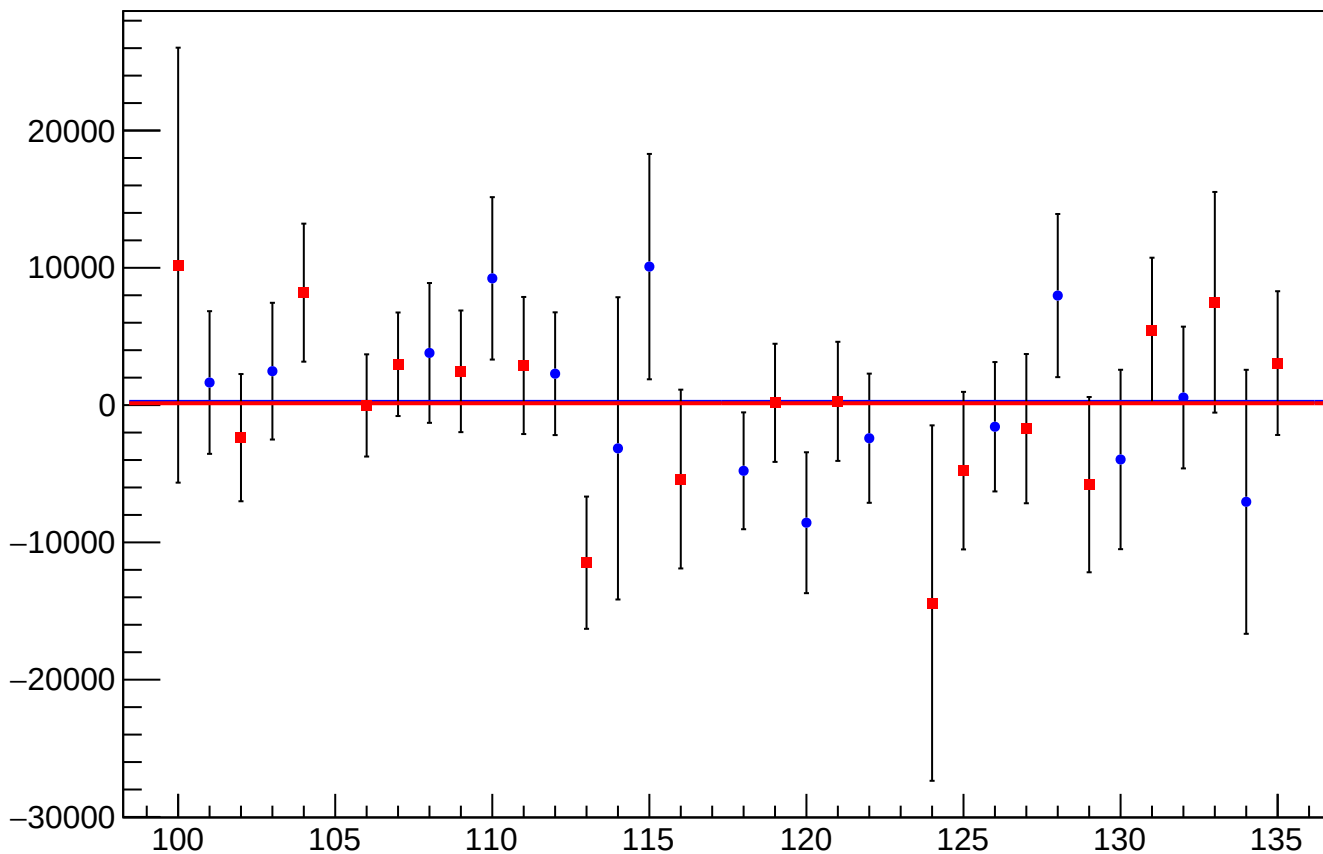
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1299.338 $\pm$ 0.255 χ^2 /NDF: 723281.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

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

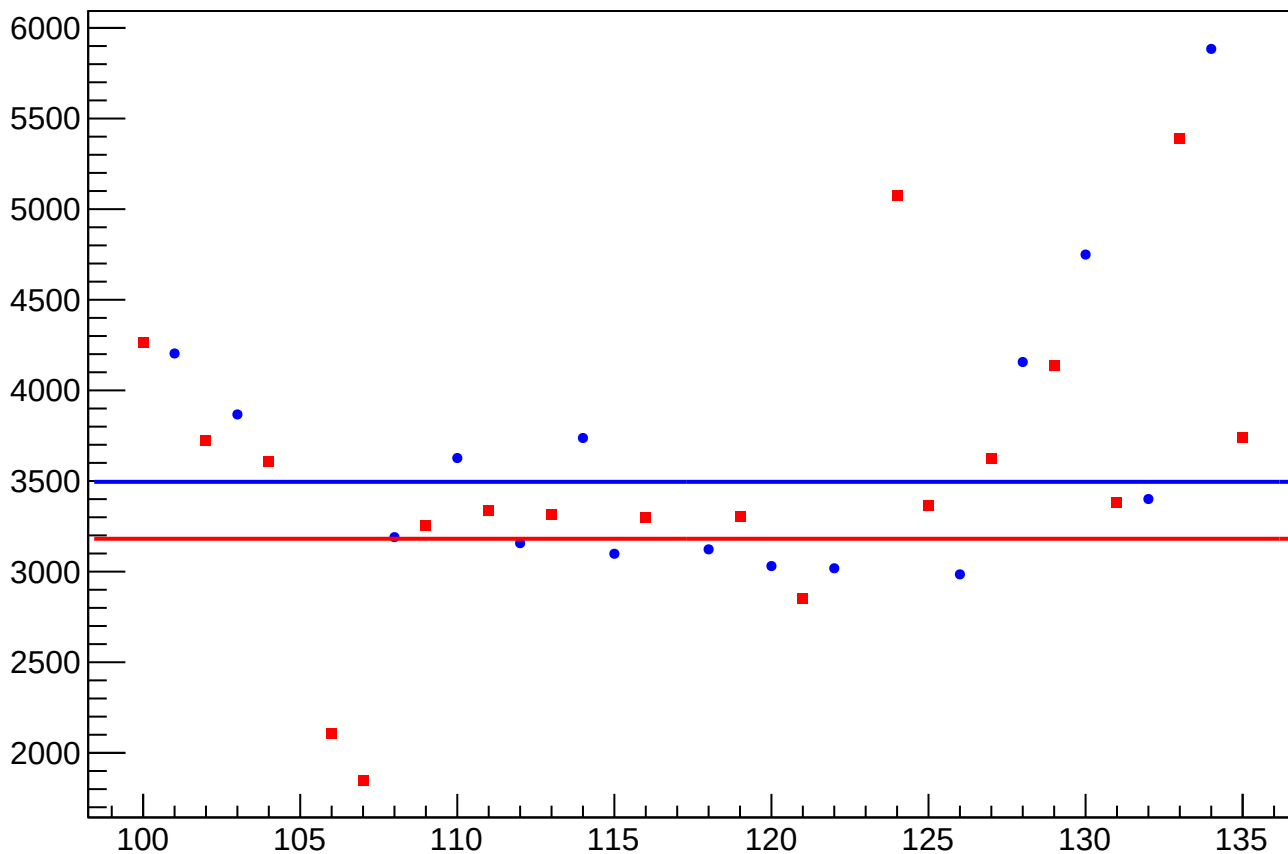
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.322 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 3495.482 $\pm$ 0.999 χ^2 /NDF: 371907.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

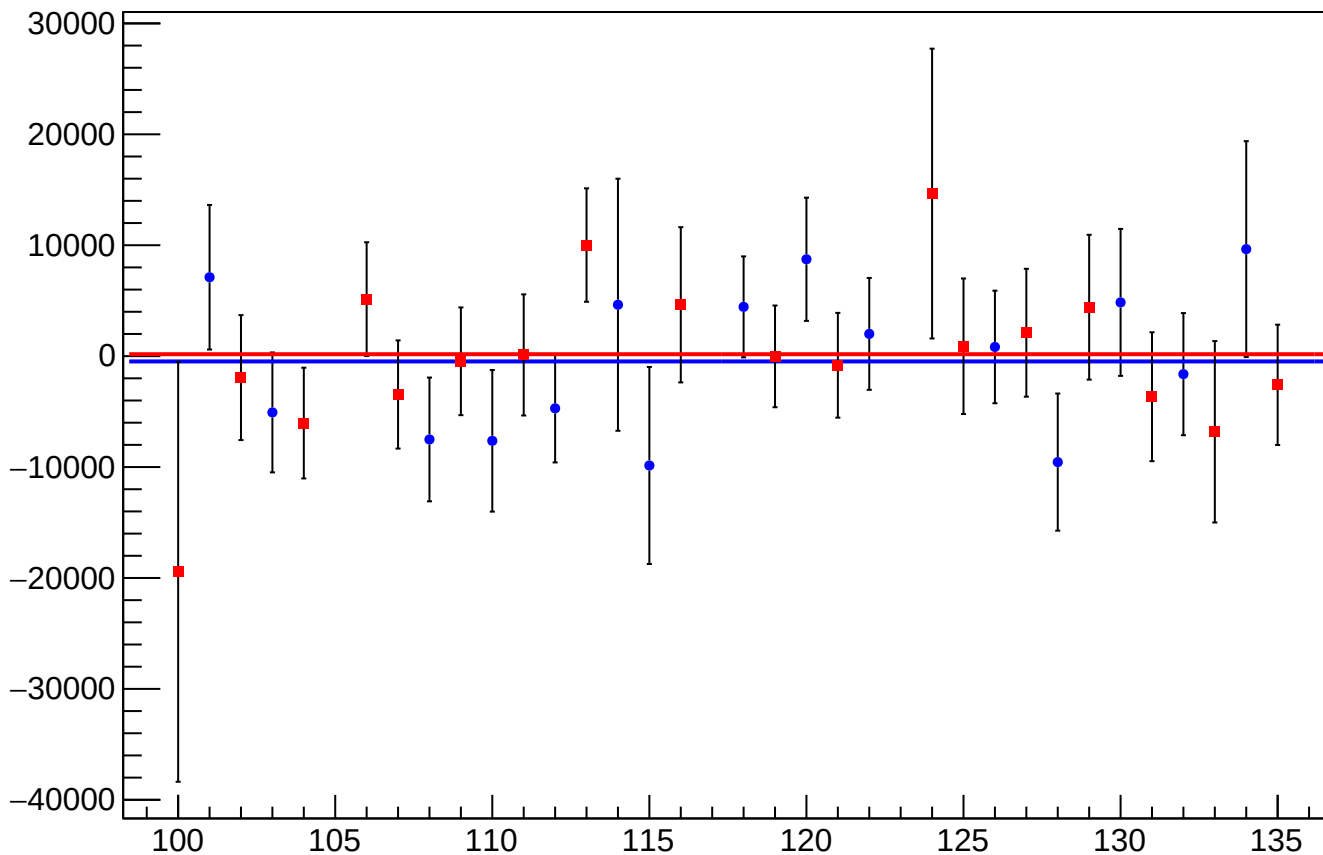
Right Out: 3181.387 $\pm$ 0.858 χ^2 /NDF: 765103.7/17

All: 3314.705 $\pm$ 0.651 χ^2 /NDF: 1193920.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_mean vs Slug



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.210+/-1353.051 χ^2/NDF : 11.6/17

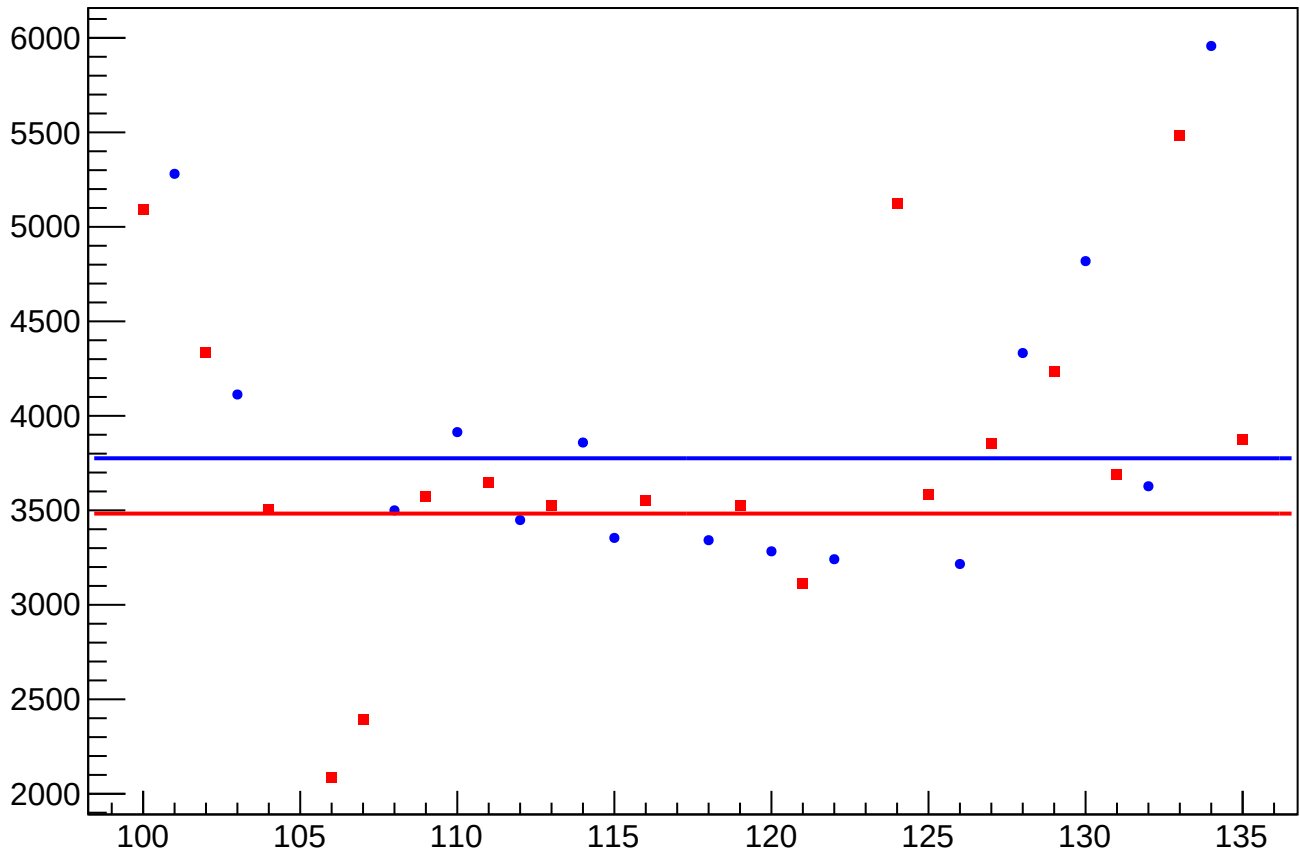
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.386+/-1013.056 χ^2/NDF : 26.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_rms vs Slug



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

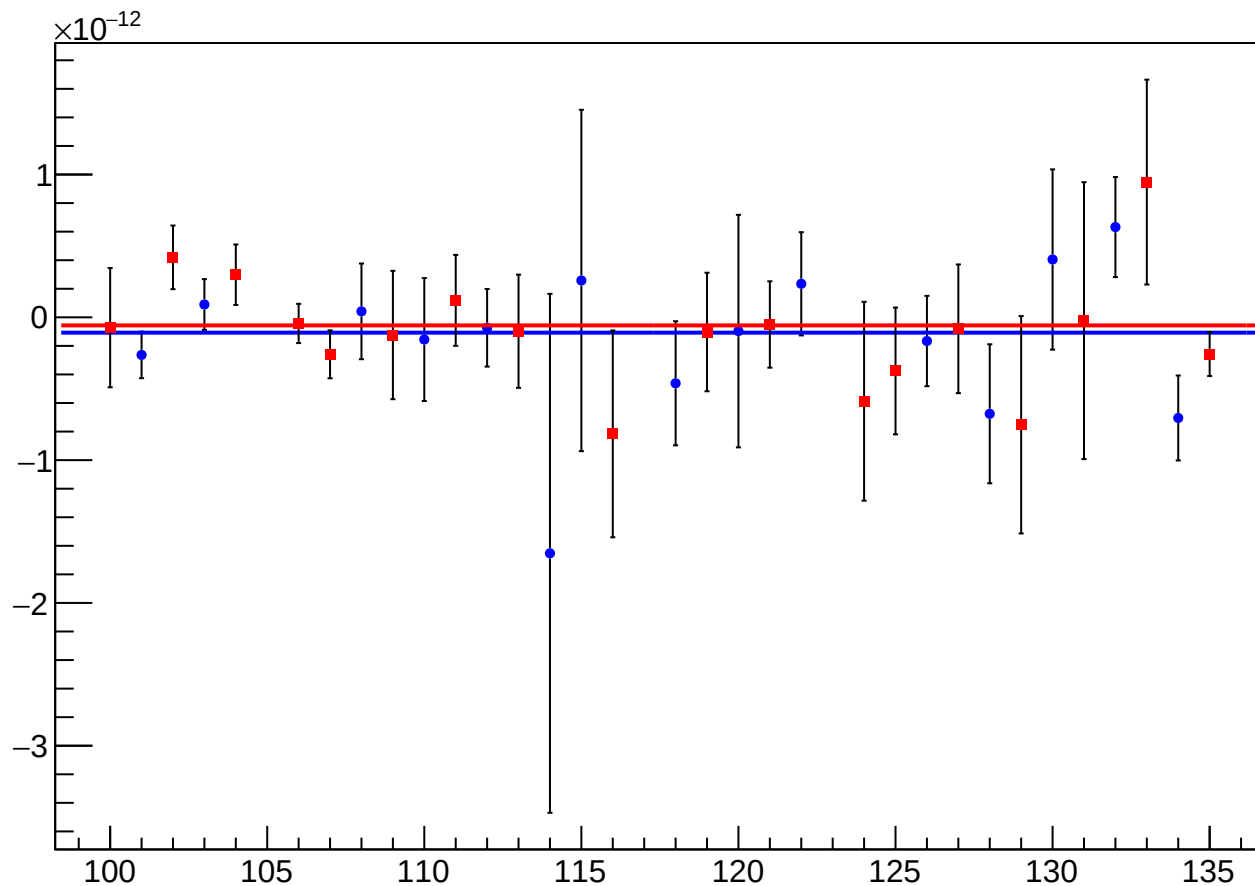
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3609.374+/-0.711 χ^2/NDF : 1007763.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/17

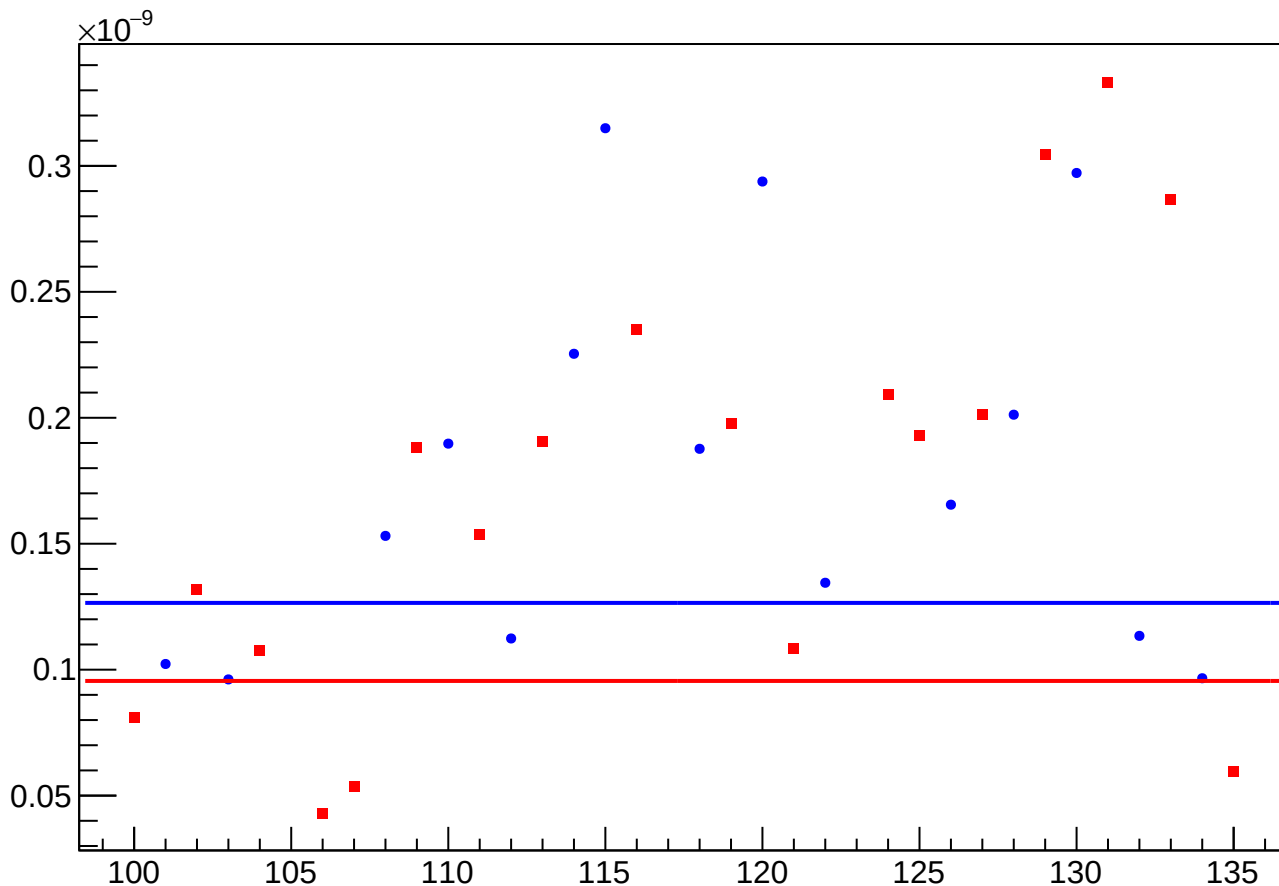
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1728189.7/17

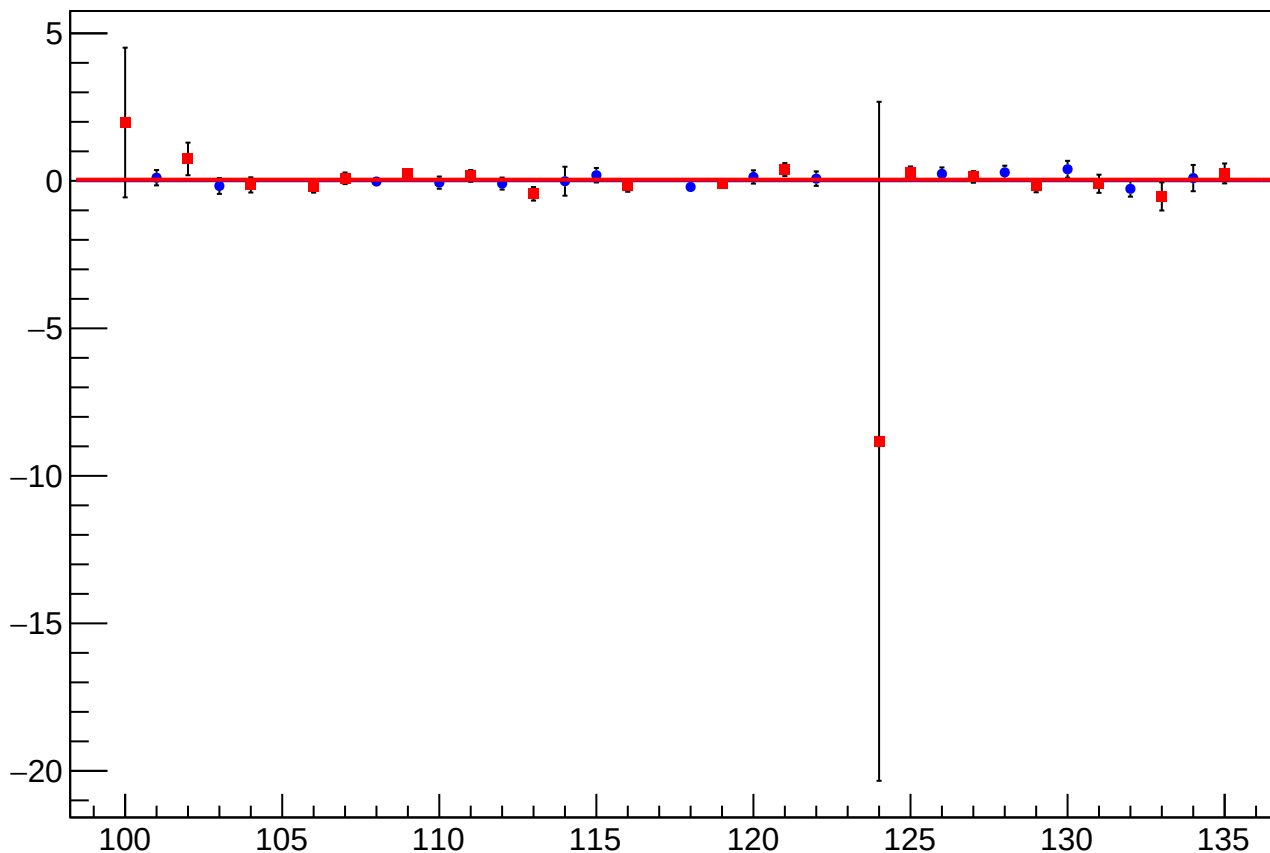
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2494553.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

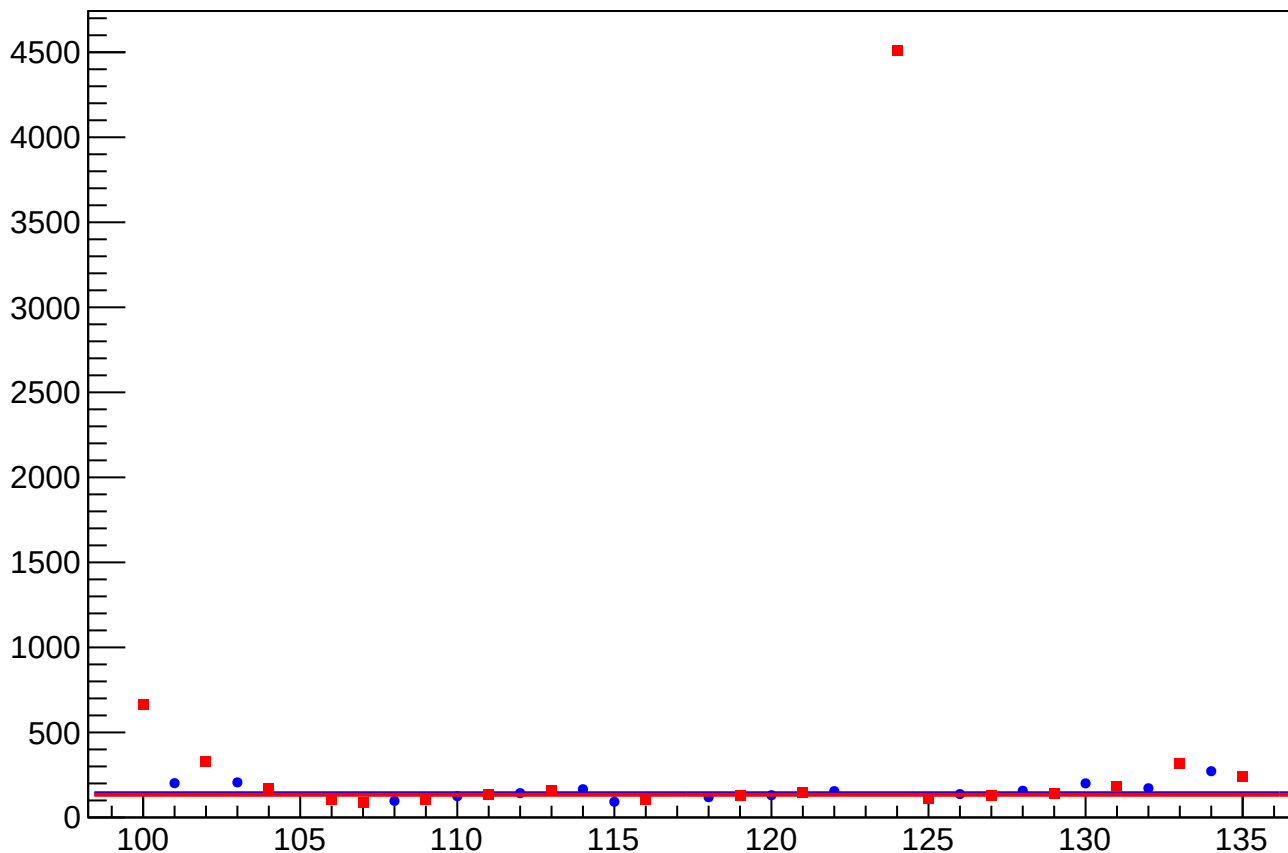
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

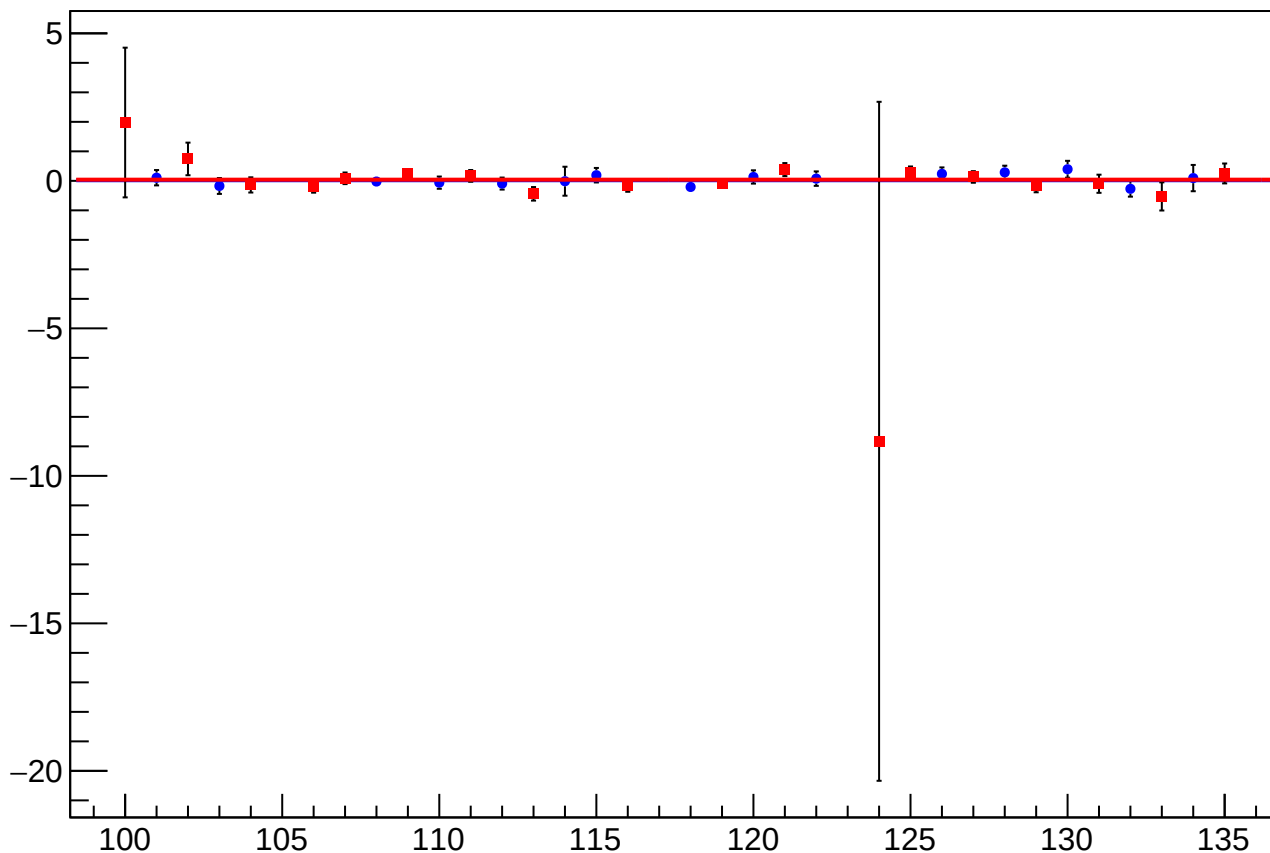
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.055 χ^2/NDF : 20.0/17

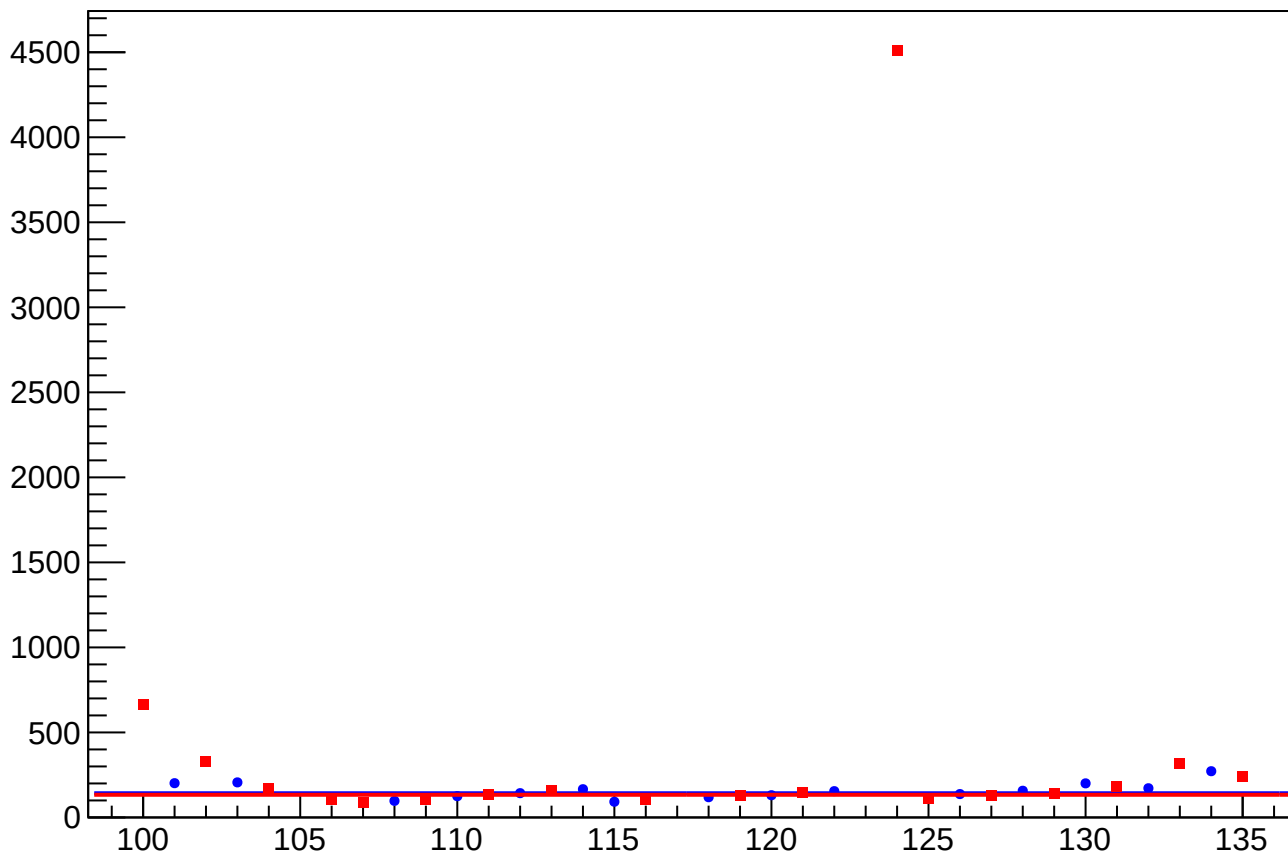
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.040 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

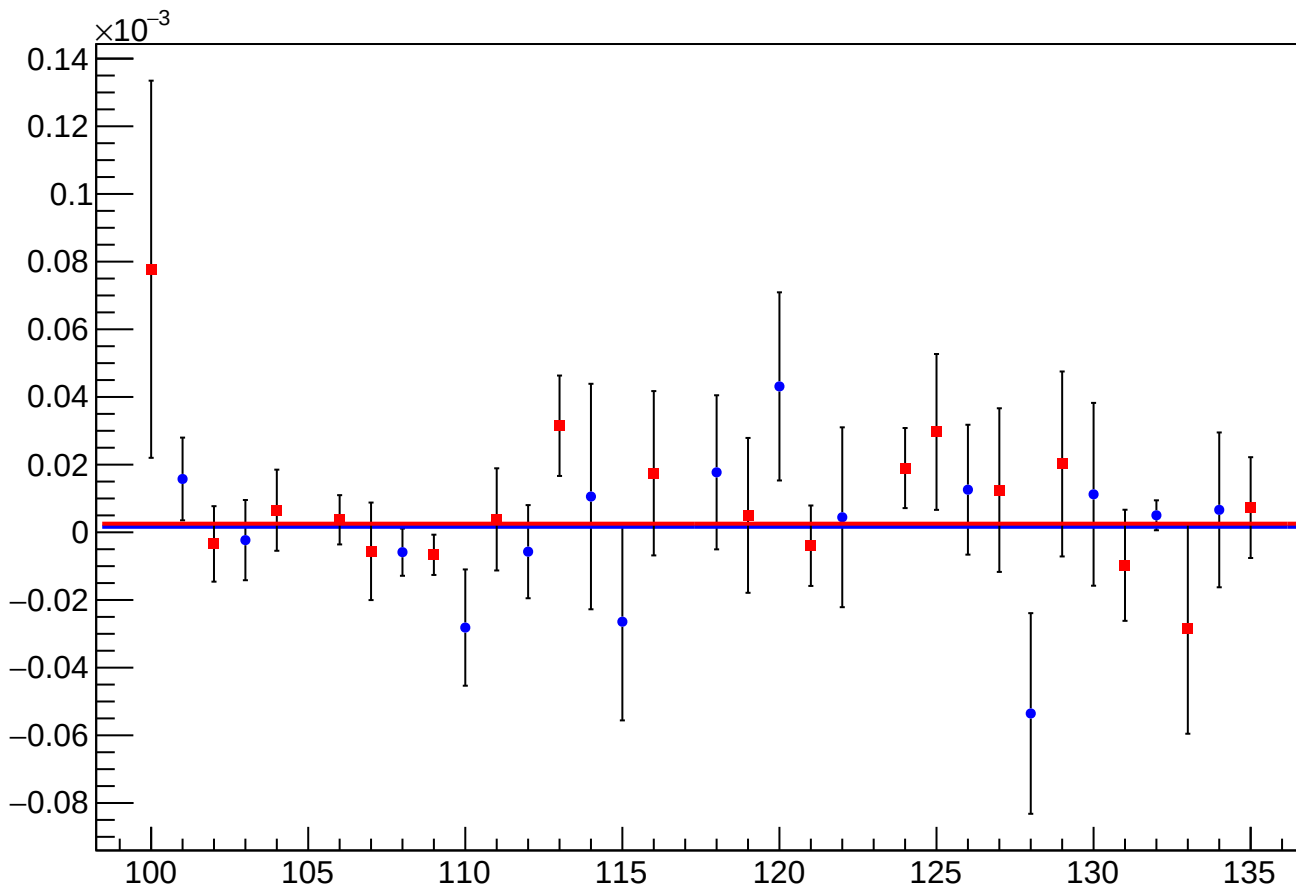
Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/14

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

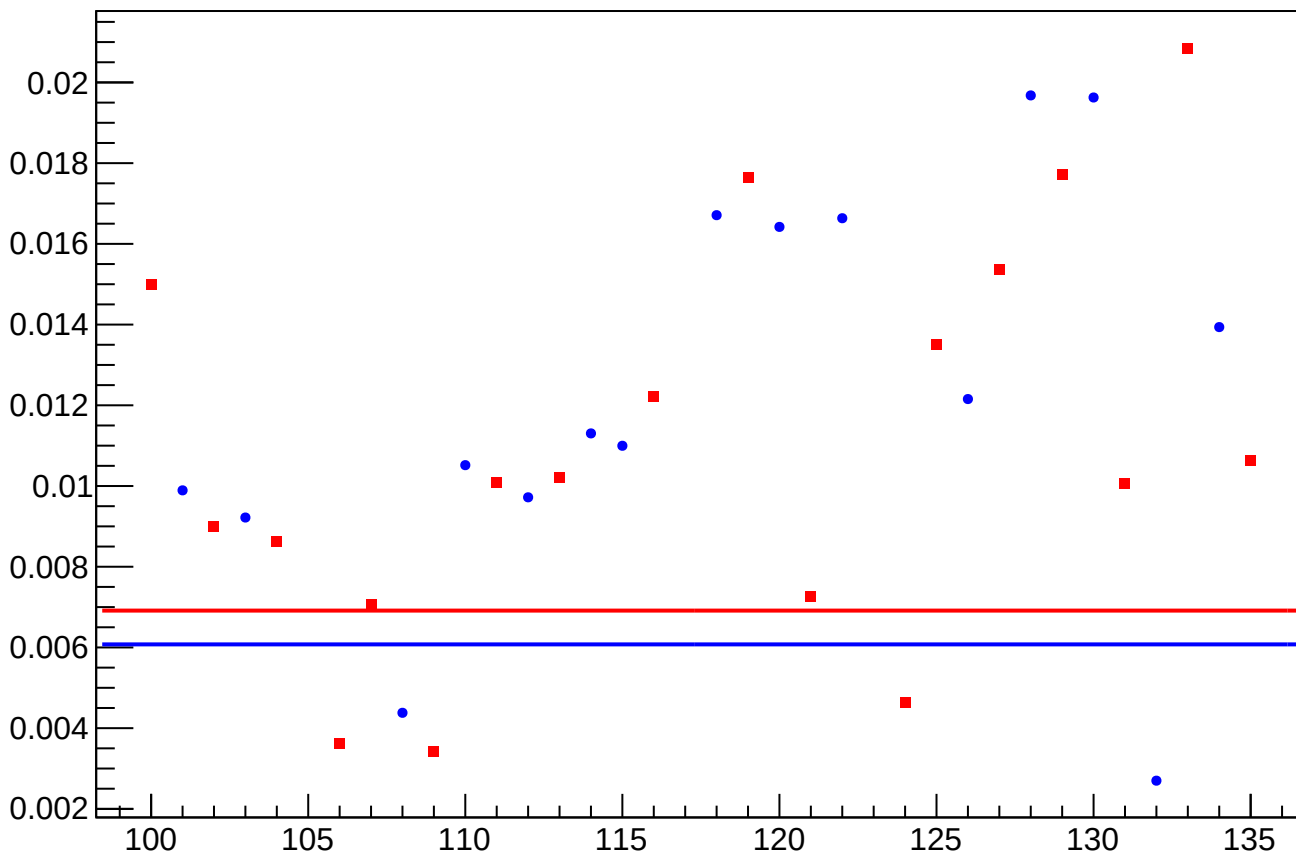
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3367113.6/17

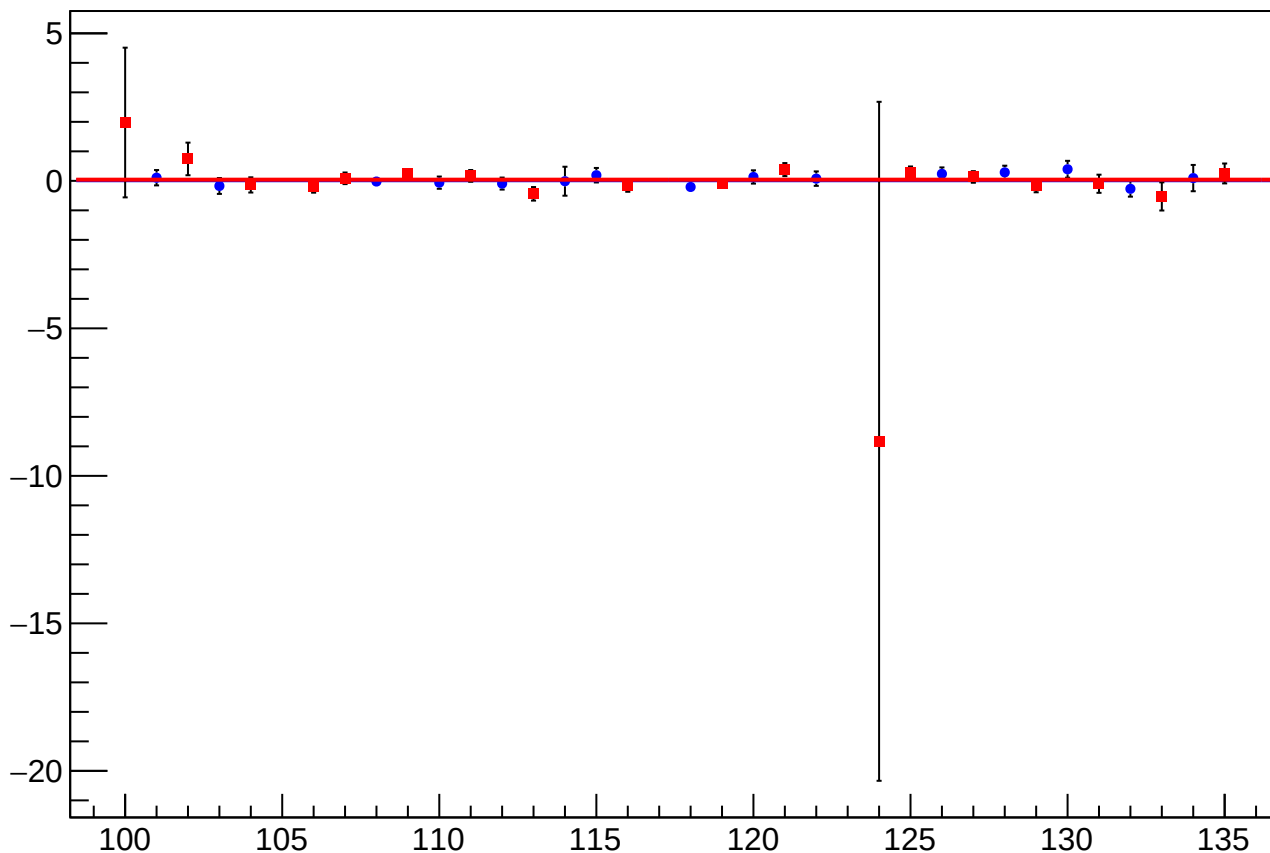
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7829697.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

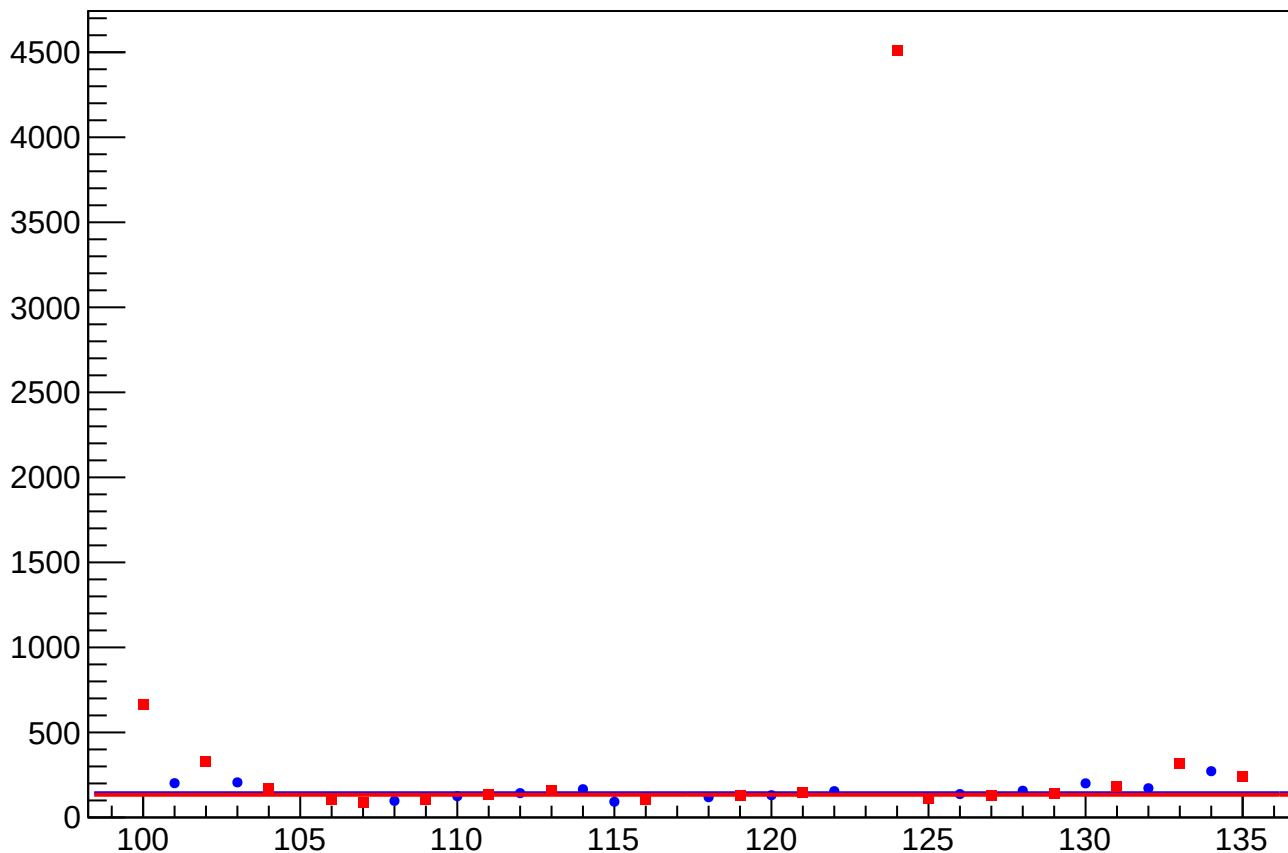
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

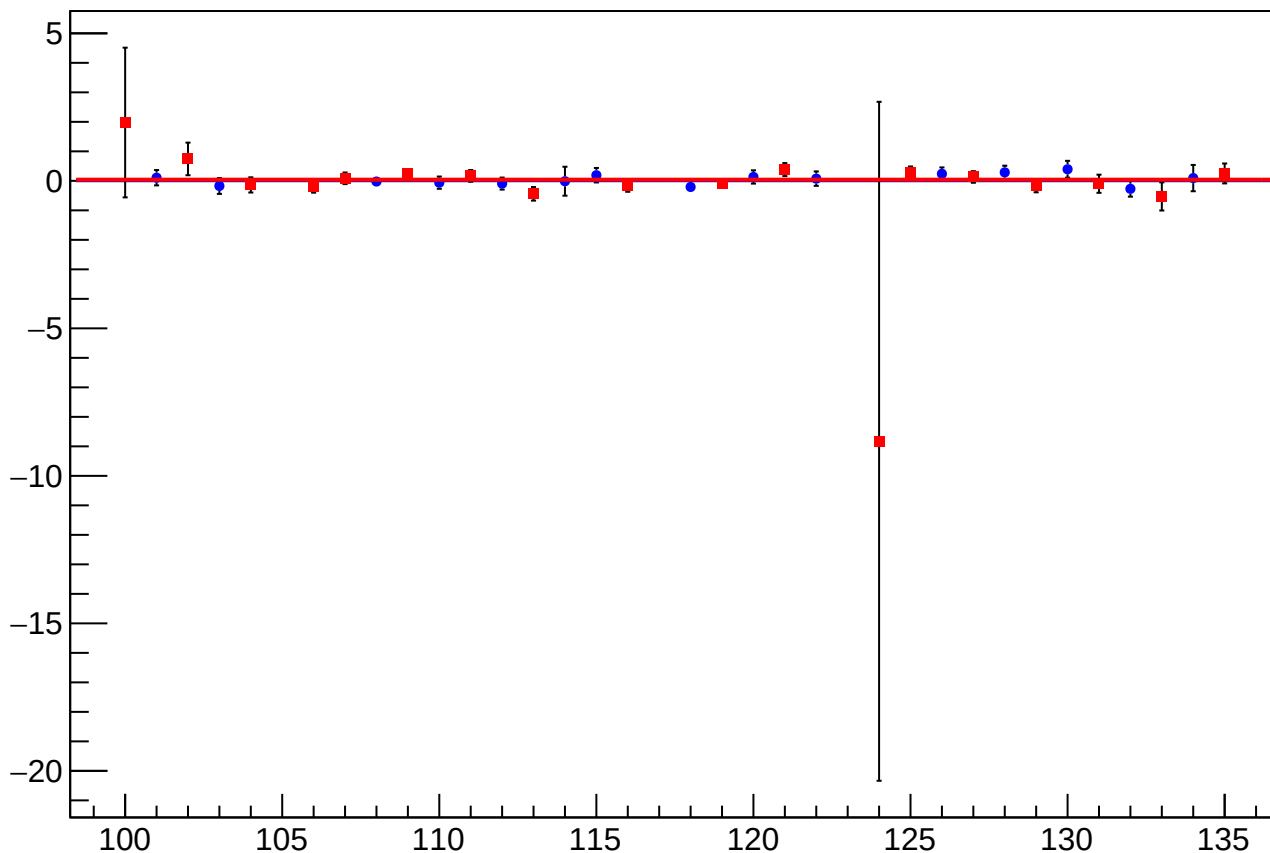
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

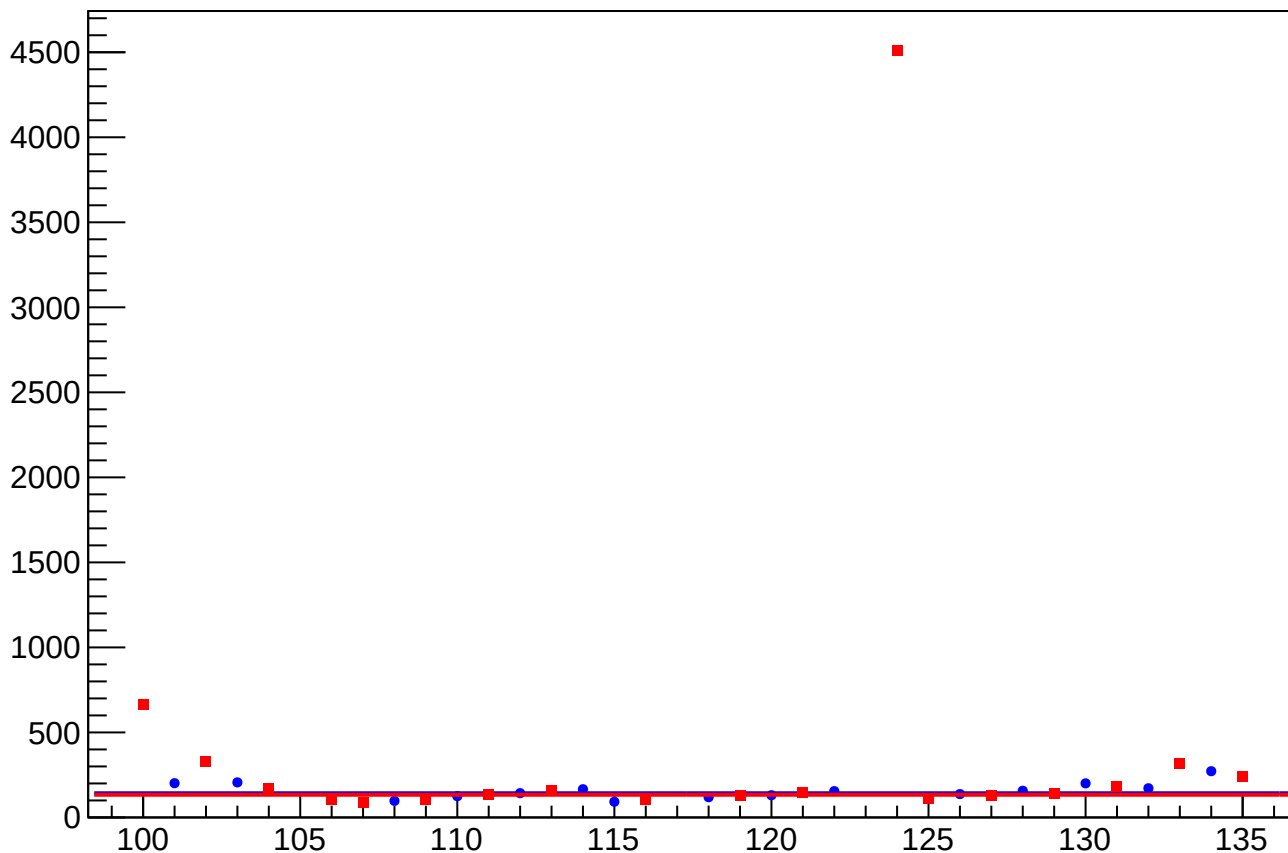
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

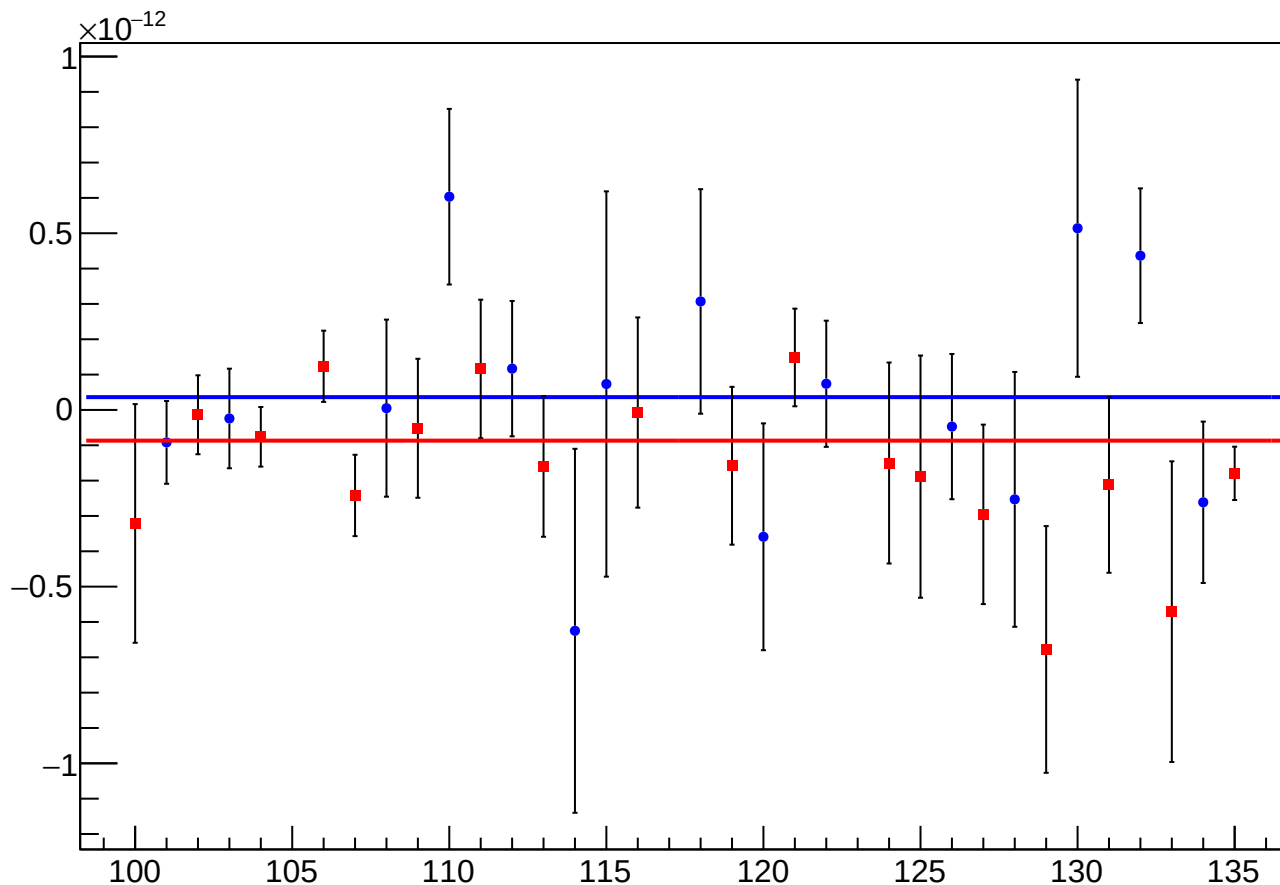
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.2/17

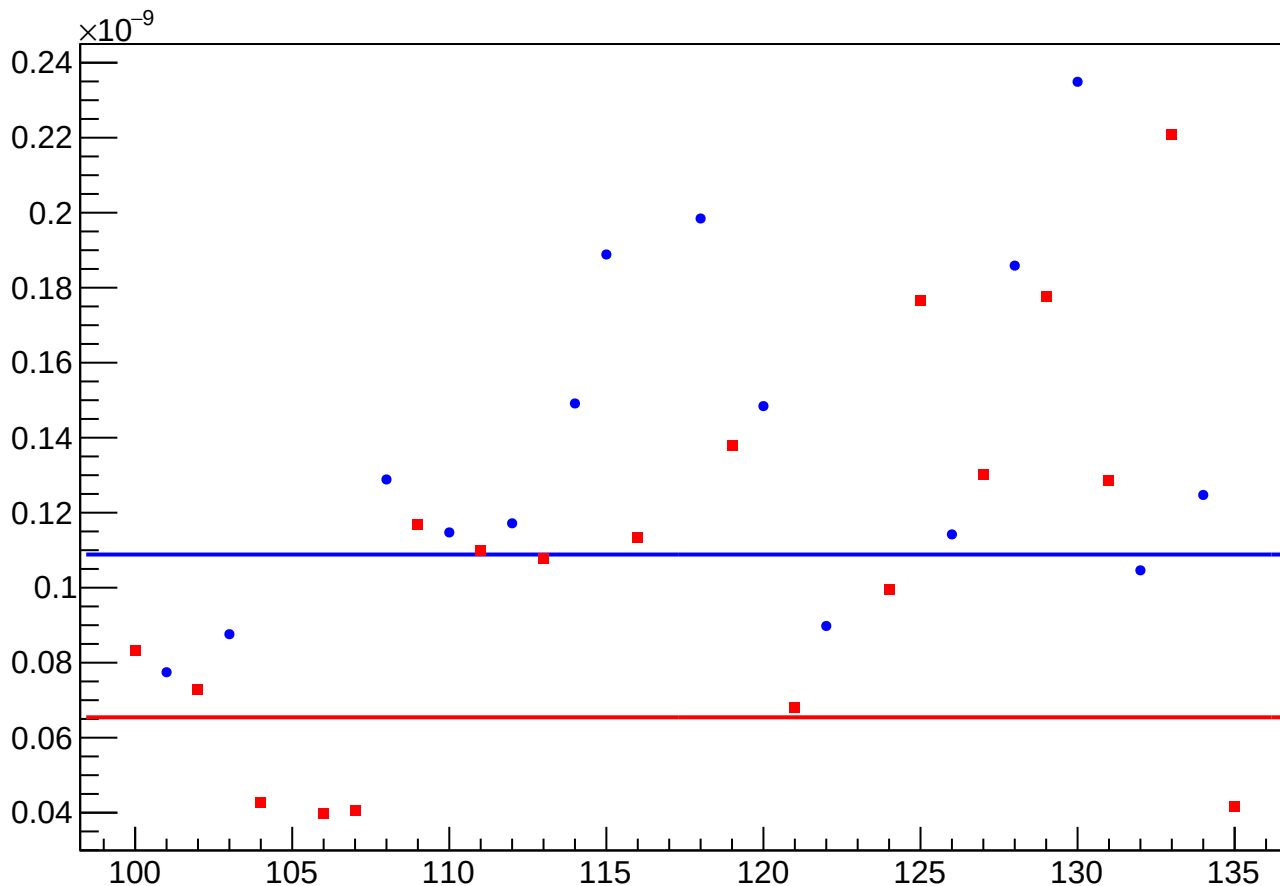
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 757637.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2154296.5/17

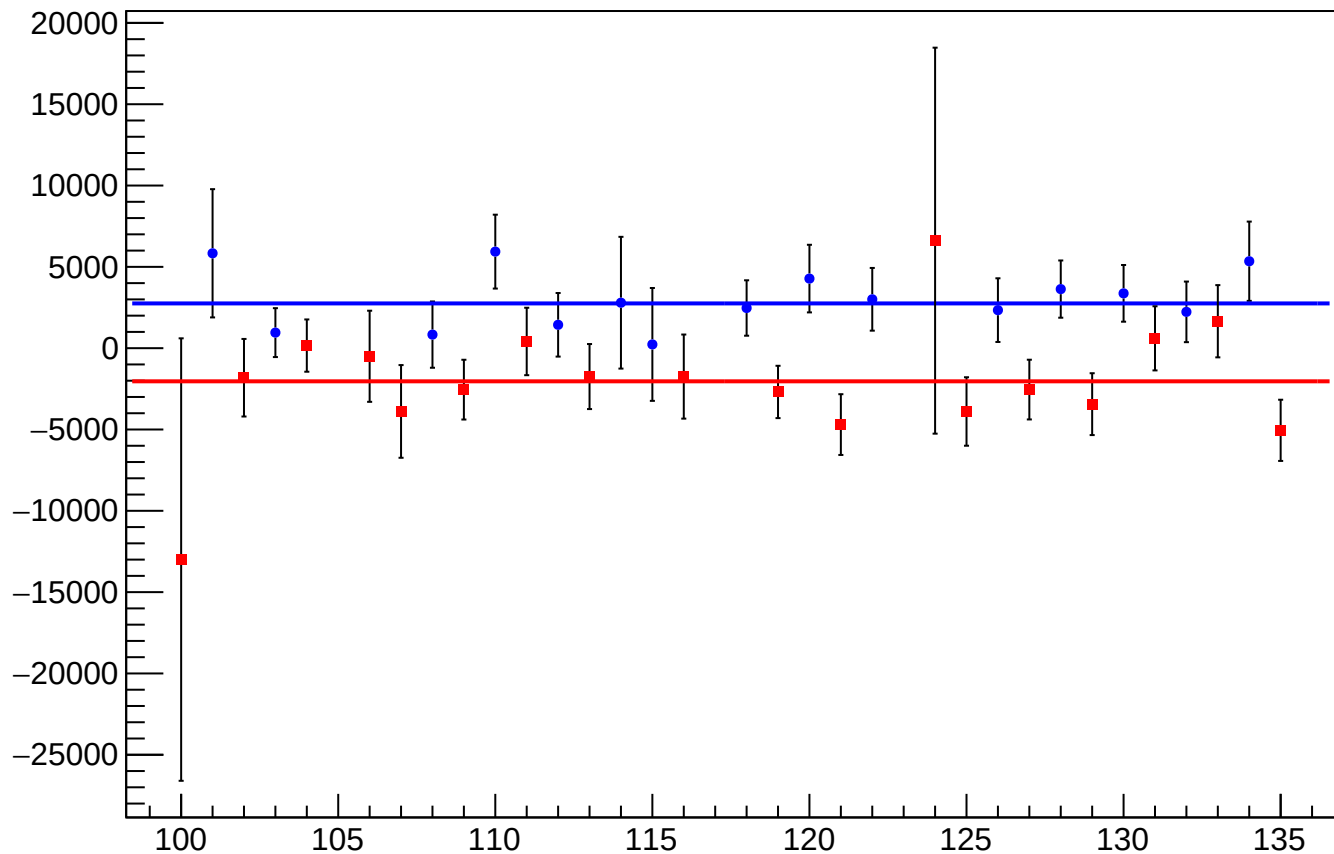
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3784722.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2752.314+/-529.921 χ^2 /NDF: 8.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2037.523+/-501.950 χ^2 /NDF: 16.0/17

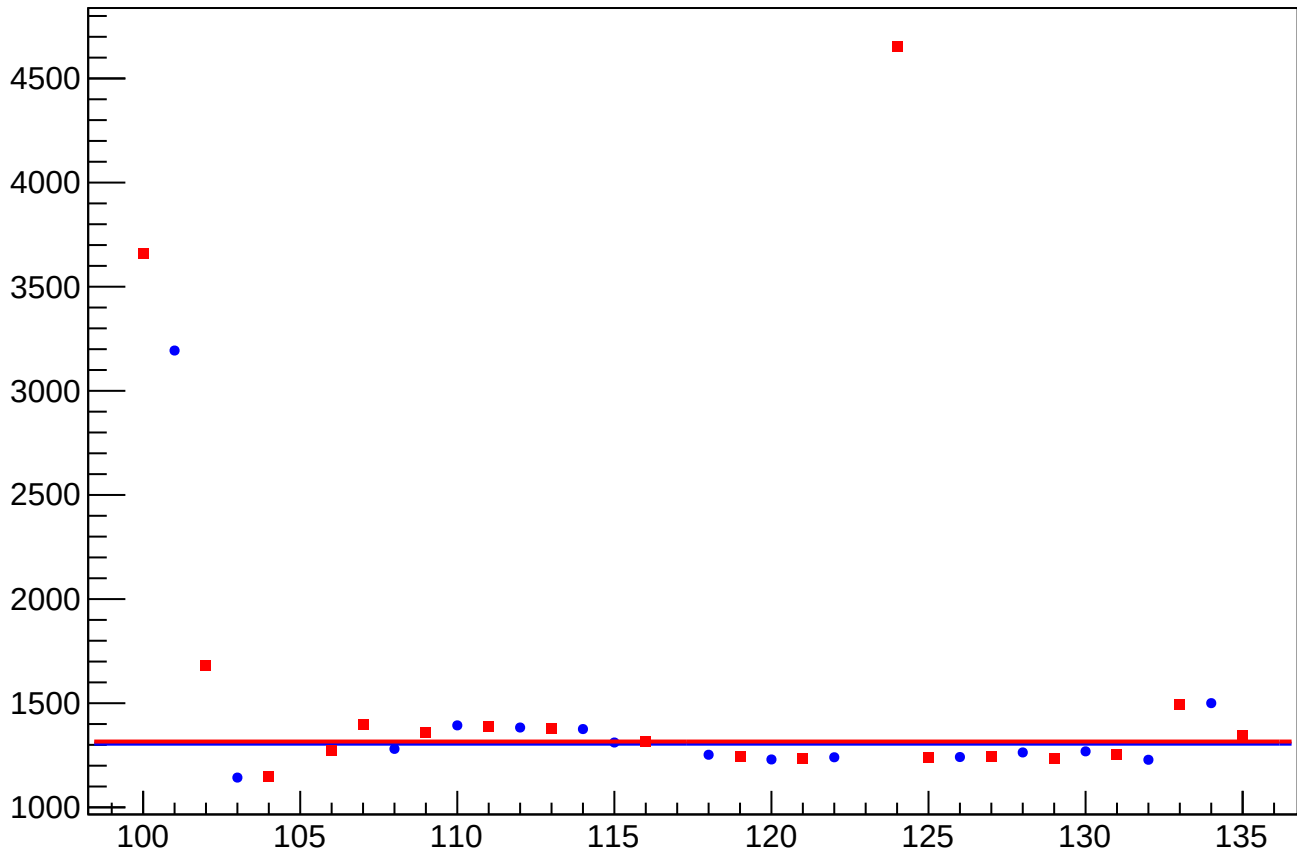
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 227.650+/-364.420 χ^2 /NDF: 67.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1305.731+/-0.375 χ^2/NDF : 516148.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

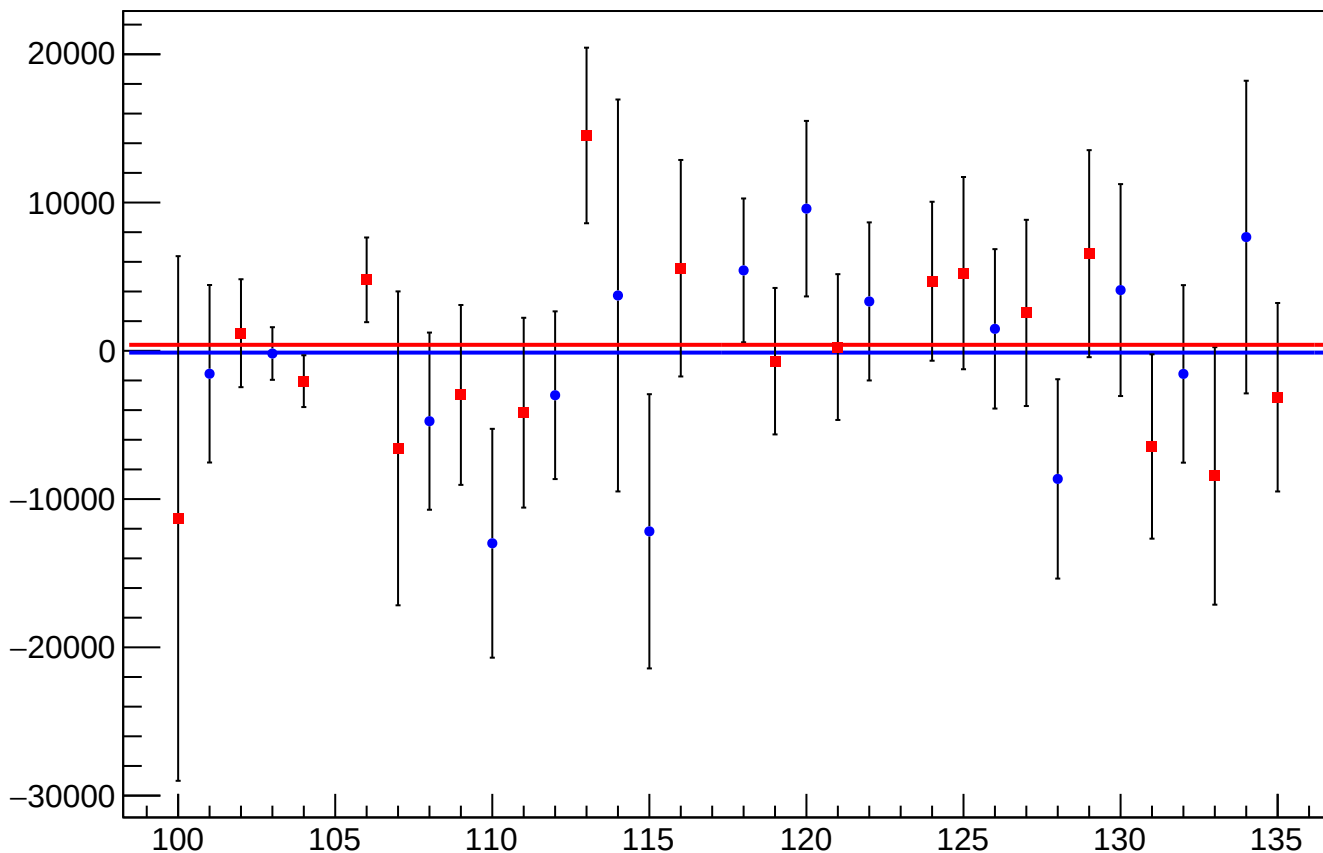
Right Out: 1315.979+/-0.354 χ^2/NDF : 326419.9/17

All: 1311.147+/-0.257 χ^2/NDF : 842963.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_mean vs Slug



Right In: -120.765+/-1232.699 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 403.693+/-1061.340 χ^2/NDF : 17.0/17

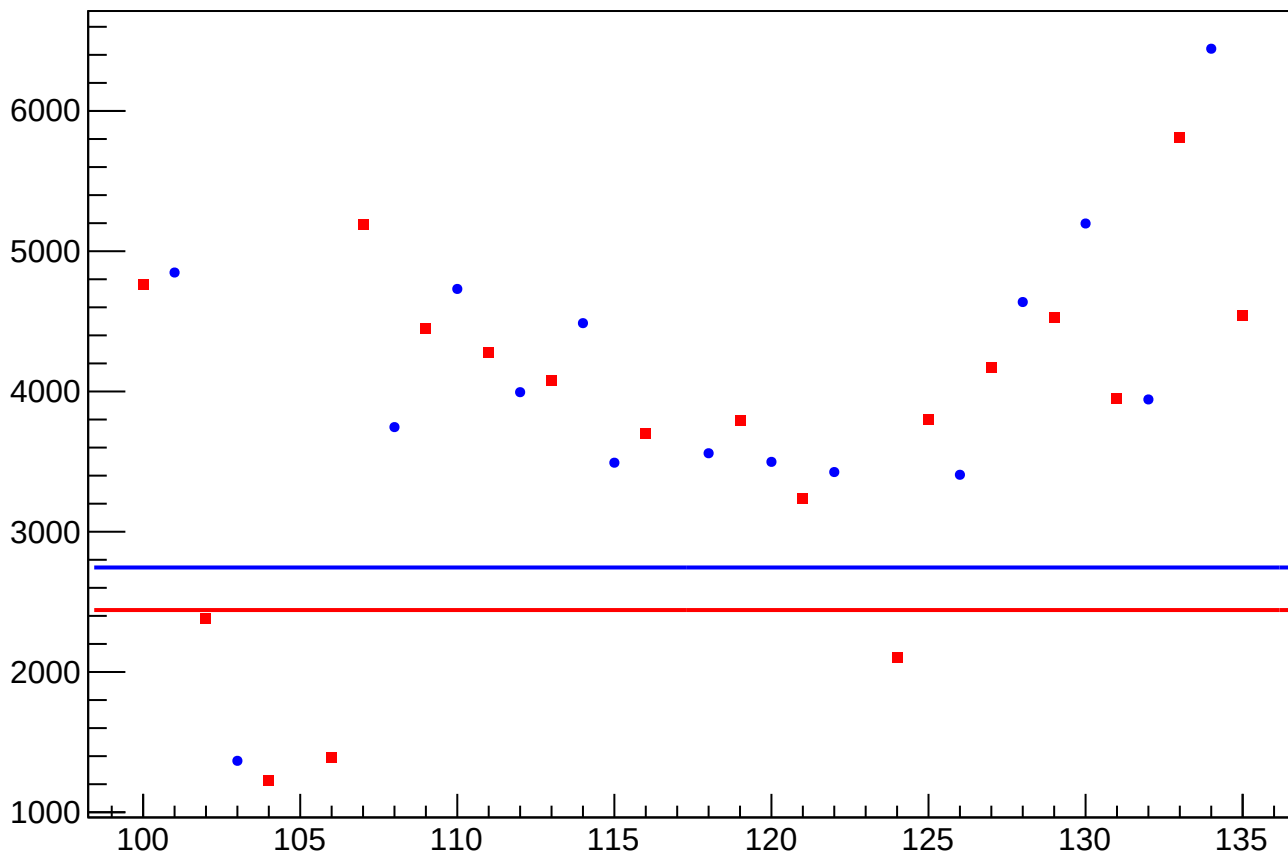
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.422+/-804.299 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_correction_rms vs Slug



Right In: 2745.164+/-0.872 χ^2/NDF : 2658293.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

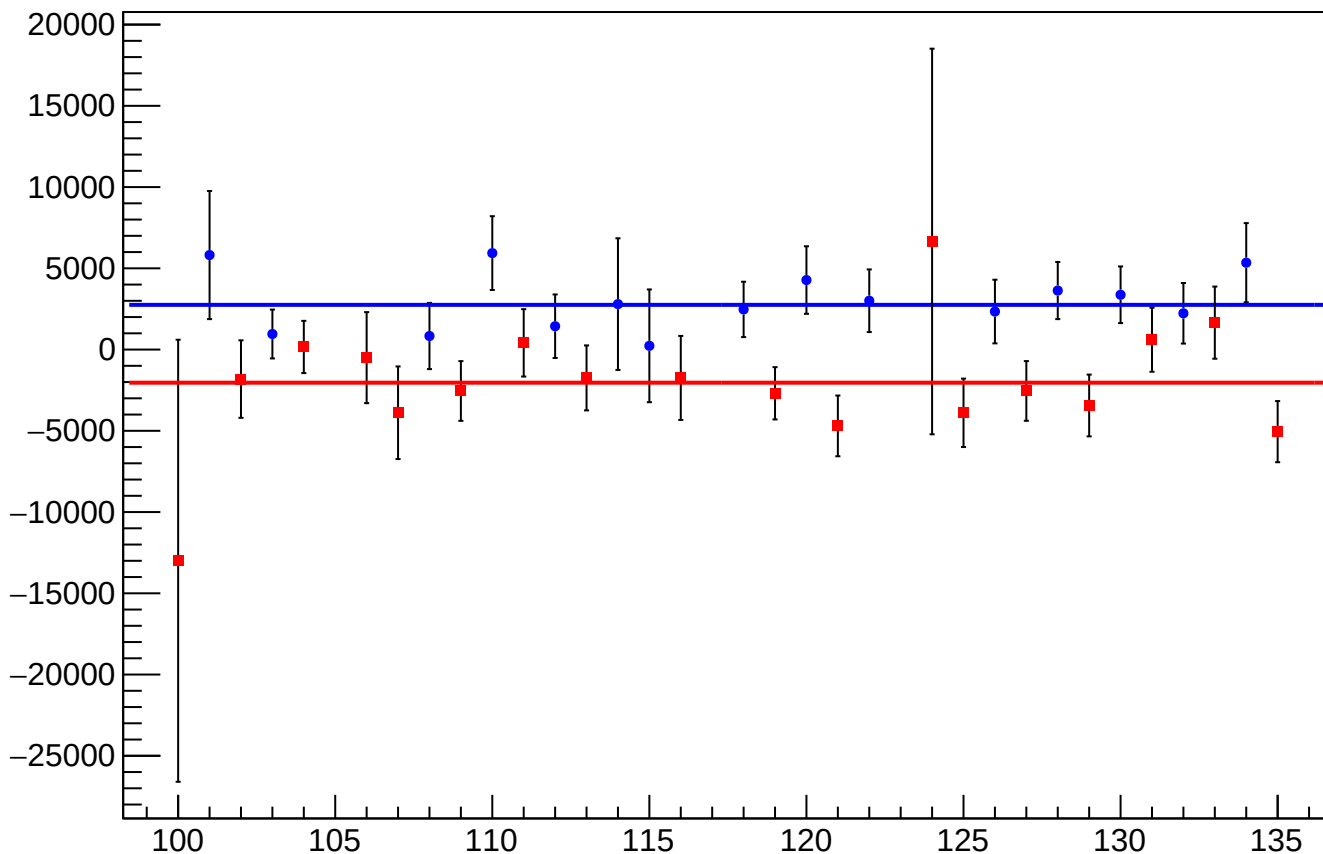
Right Out: 2441.665+/-0.750 χ^2/NDF : 3271853.5/17

All: 2570.870+/-0.569 χ^2/NDF : 5999770.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2752.007 $\pm$ 529.921 χ^2 /NDF: 8.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2037.250 $\pm$ 501.950 χ^2 /NDF: 16.0/17

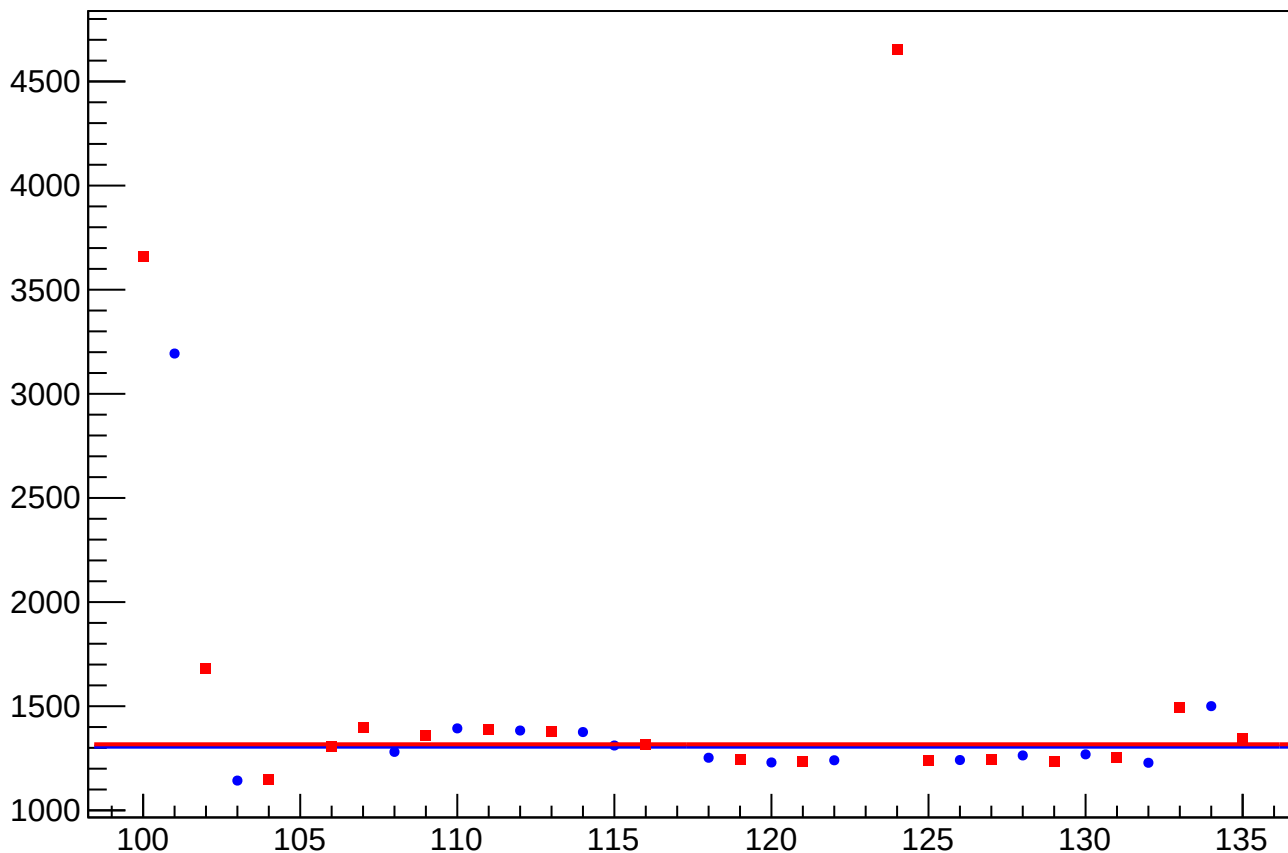
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.649 $\pm$ 364.420 χ^2 /NDF: 67.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1305.730 $\pm$ 0.375 χ^2 /NDF: 516149.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

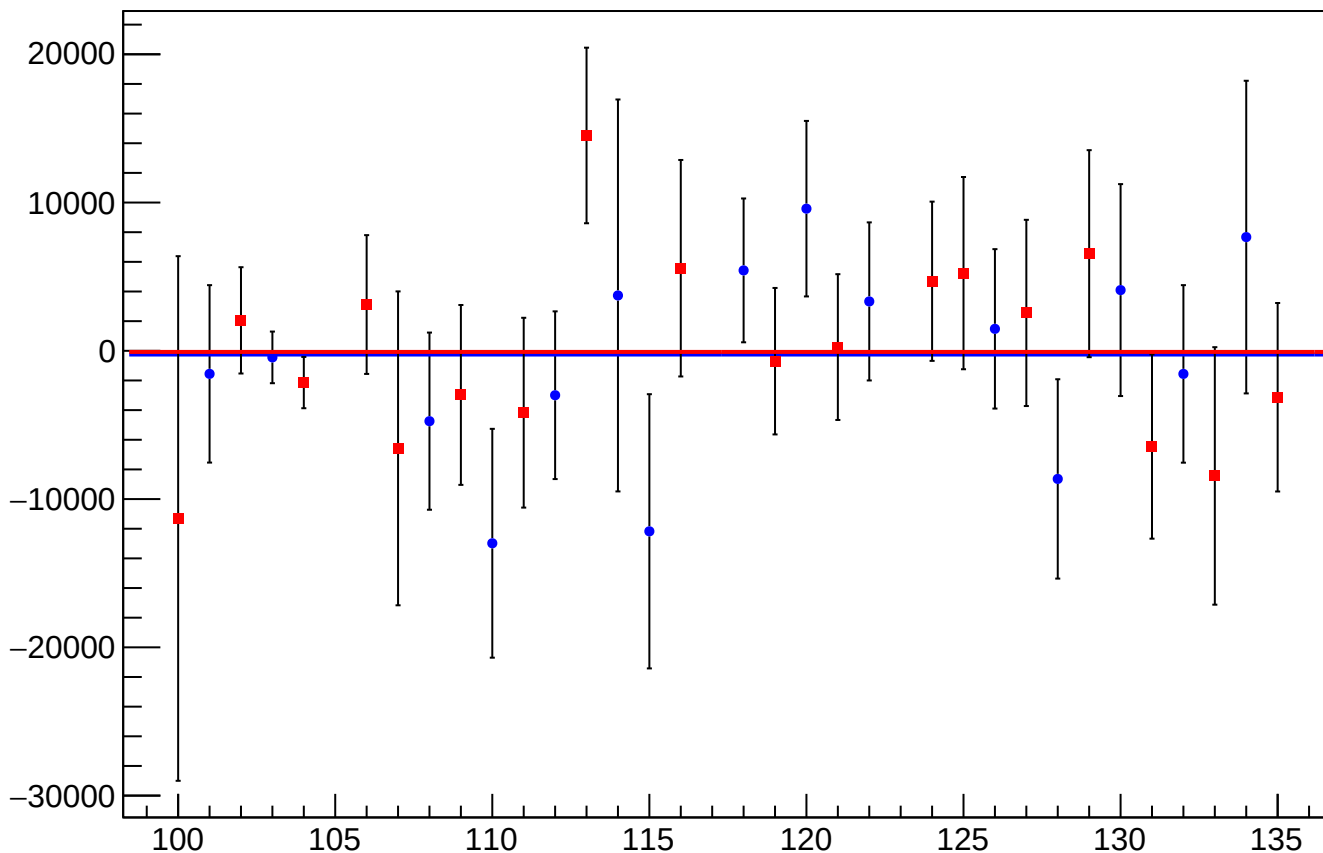
Right Out: 1317.142 $\pm$ 0.354 χ^2 /NDF: 325926.7/17

All: 1311.756 $\pm$ 0.257 χ^2 /NDF: 842566.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_mean vs Slug



Right In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.990+/-1104.865 χ^2/NDF : 15.1/17

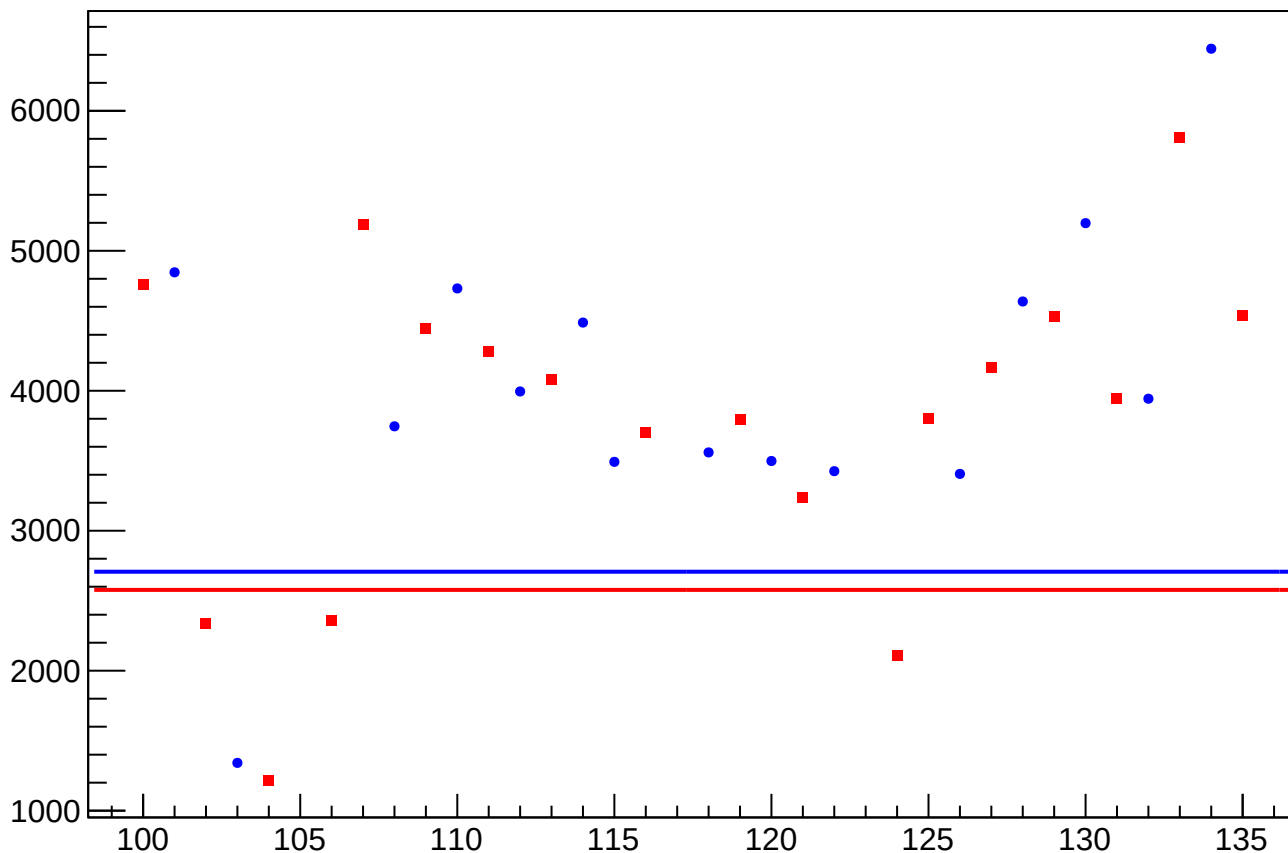
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.367+/-819.307 χ^2/NDF : 27.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_cor_correction_rms vs Slug



Right In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

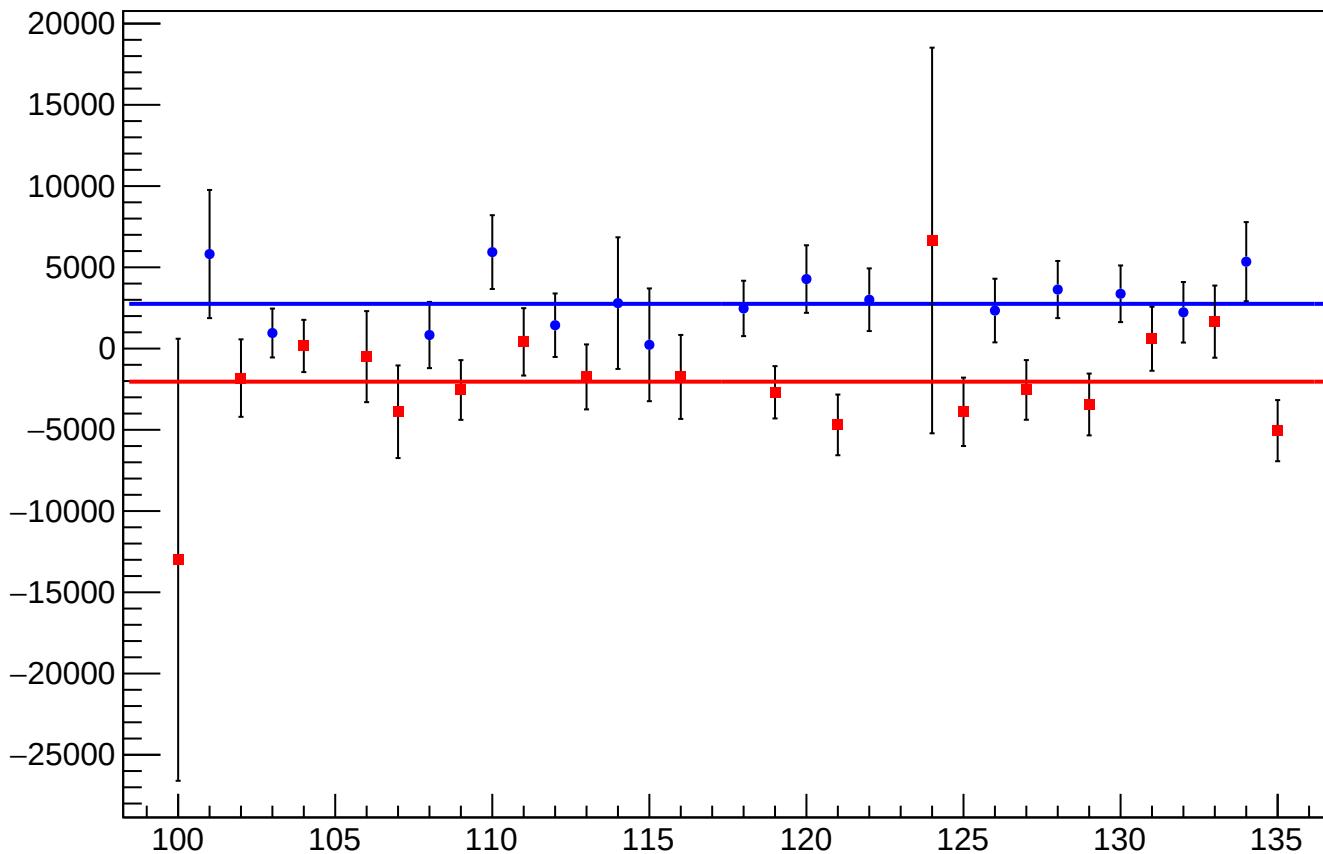
Right Out: 2577.331+/-0.781 χ^2/NDF : 3007428.4/17

All: 2635.775+/-0.579 χ^2/NDF : 5769567.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2752.007 $\pm$ 529.921 χ^2 /NDF: 8.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2037.250 $\pm$ 501.950 χ^2 /NDF: 16.0/17

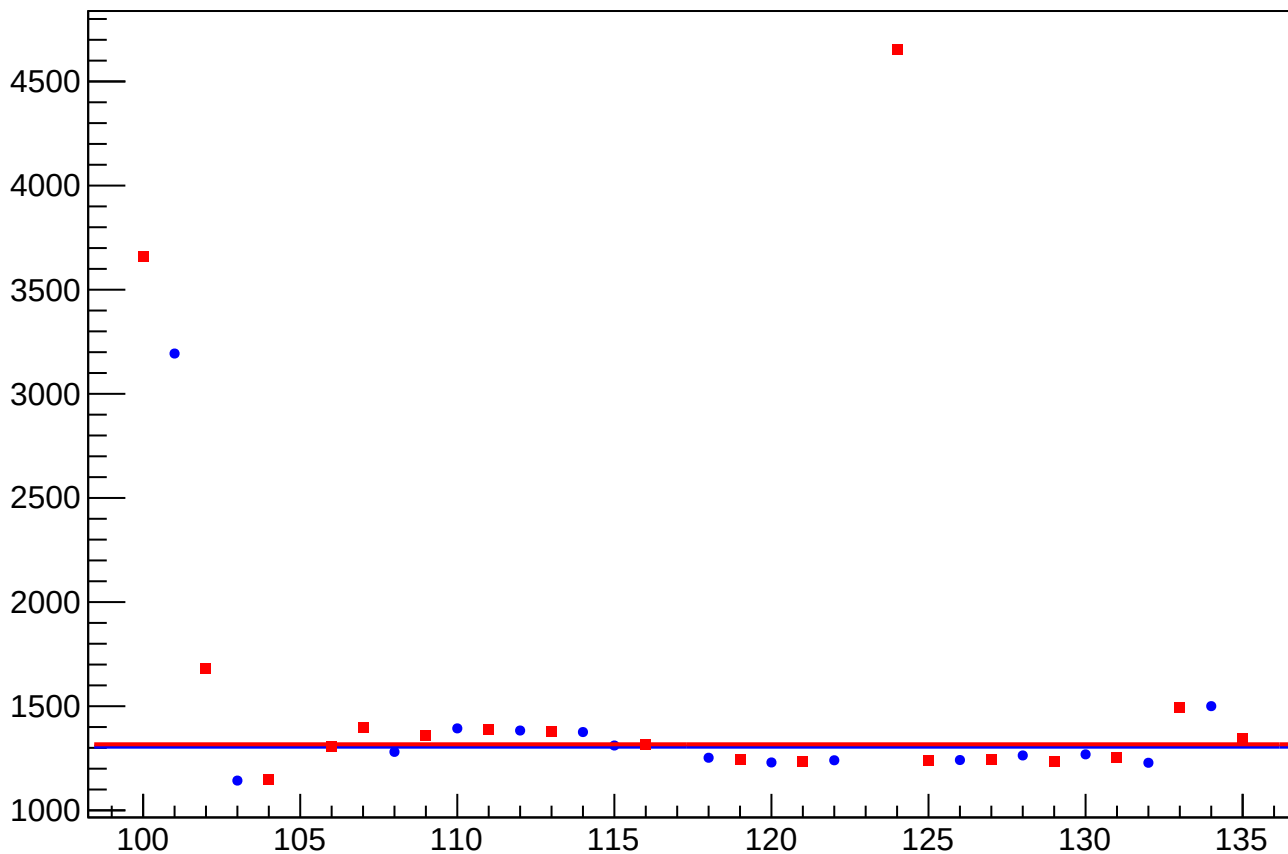
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.649 $\pm$ 364.420 χ^2 /NDF: 67.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1305.730+/-0.375 χ^2/NDF : 516149.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

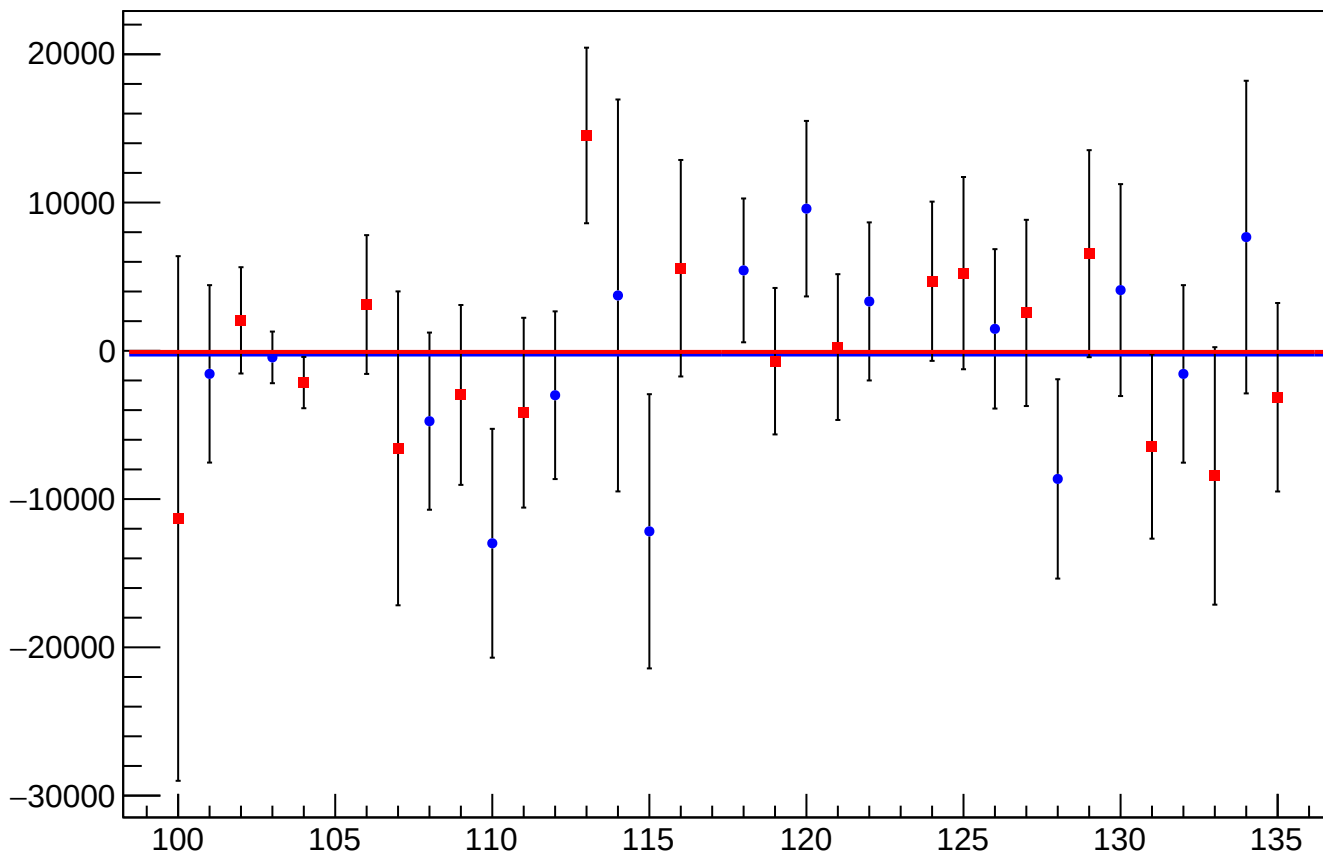
Right Out: 1317.142+/-0.354 χ^2/NDF : 325926.7/17

All: 1311.756+/-0.257 χ^2/NDF : 842566.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -250.339+/-1221.200 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.990+/-1104.865 χ^2/NDF : 15.1/17

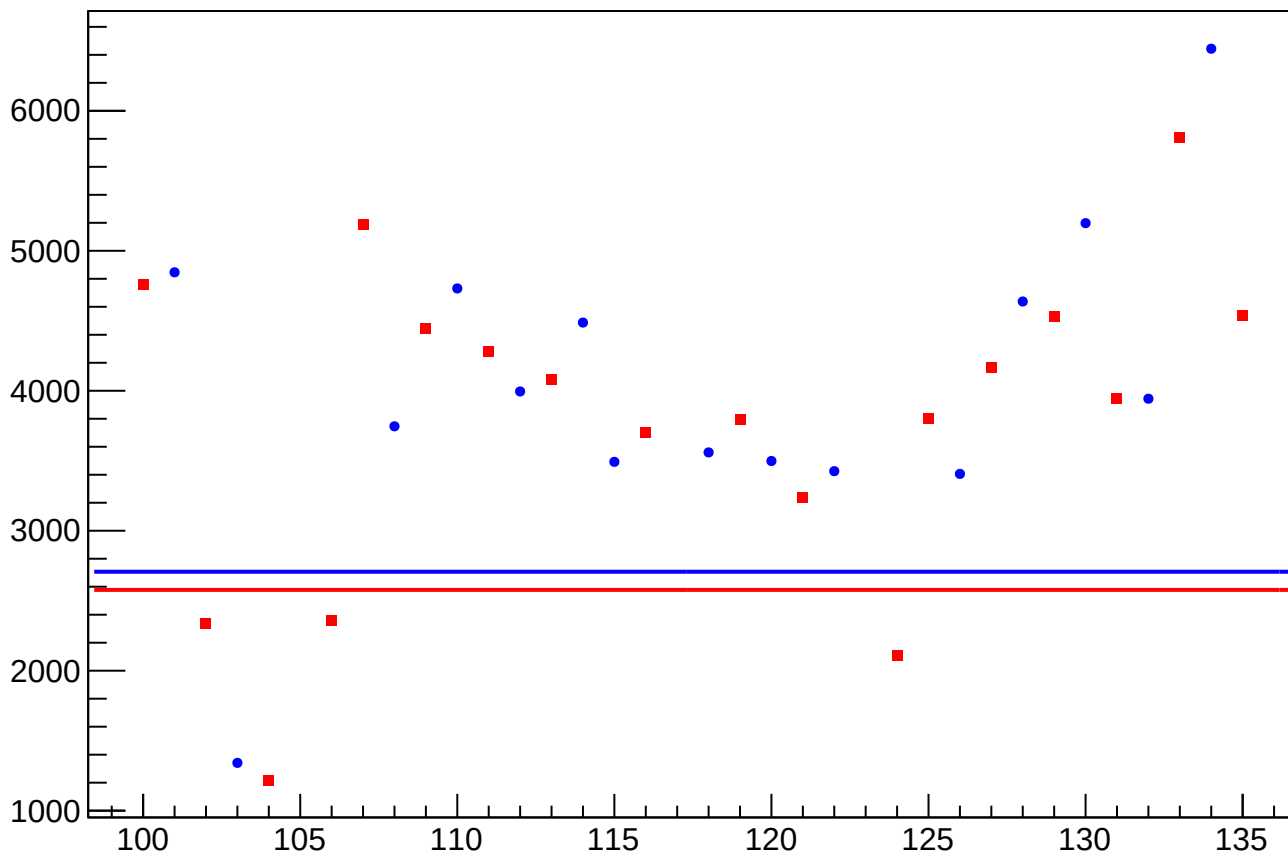
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -153.367+/-819.307 χ^2/NDF : 27.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 2707.174+/-0.864 χ^2/NDF : 2749706.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

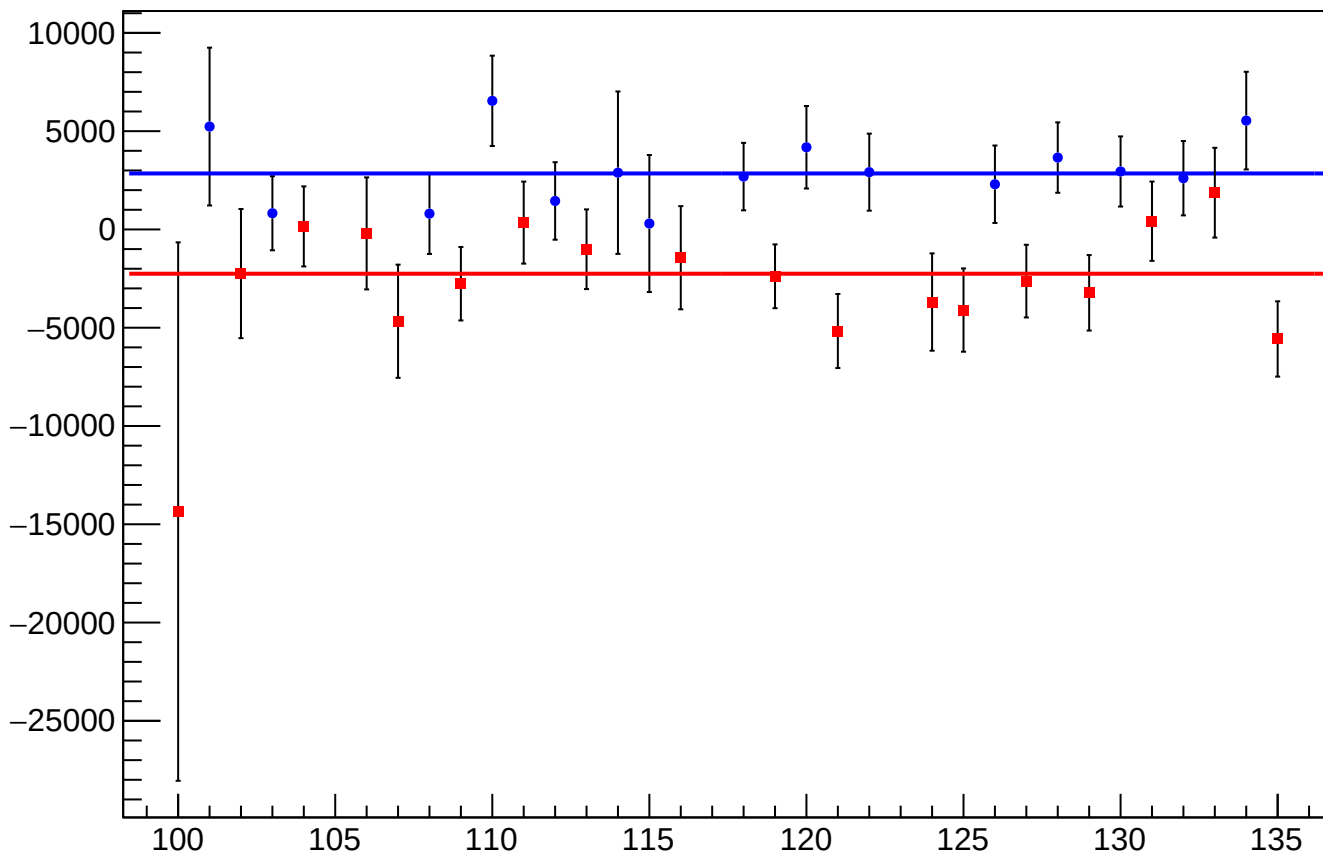
Right Out: 2577.331+/-0.781 χ^2/NDF : 3007428.4/17

All: 2635.775+/-0.579 χ^2/NDF : 5769567.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2848.144 $\pm$ 548.740 χ^2/NDF : 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -2252.640 $\pm$ 512.413 χ^2/NDF : 17.3/17

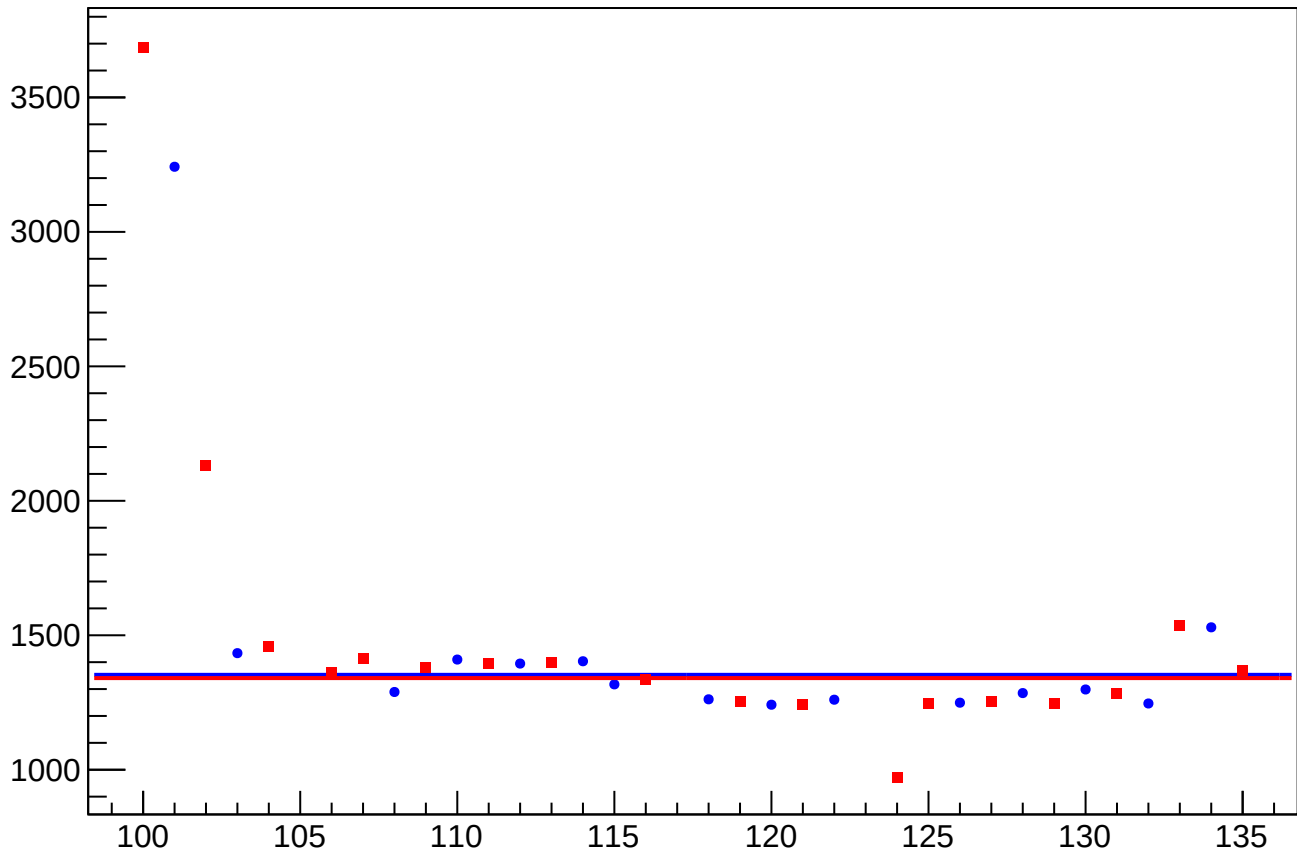
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 123.341 $\pm$ 374.515 χ^2/NDF : 71.5/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1352.928+/-0.388 χ^2/NDF : 493719.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1340.755+/-0.362 χ^2/NDF : 272155.6/17

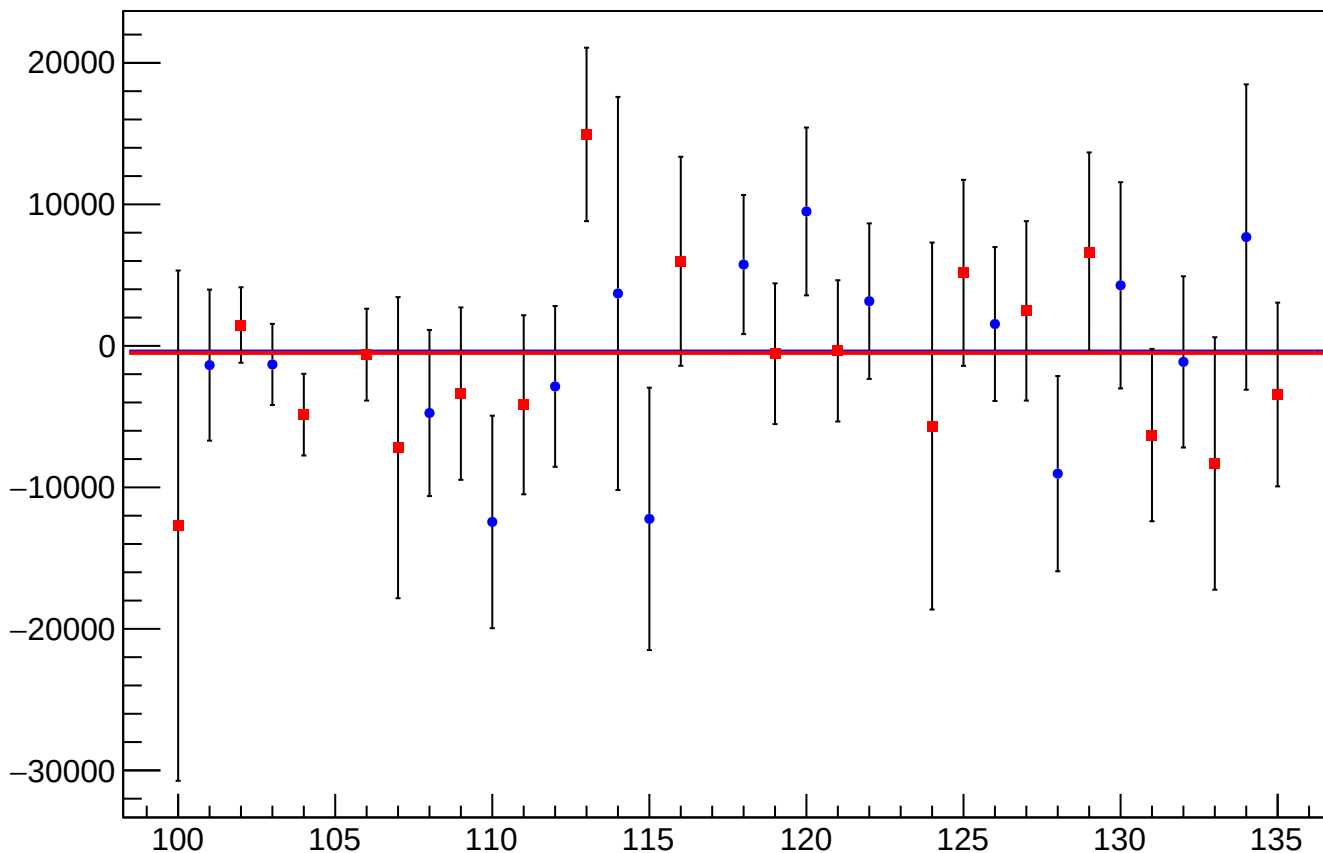
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1346.421+/-0.265 χ^2/NDF : 766401.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_mean vs Slug



Right In: -400.781+/-1468.700 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -497.198+/-1210.988 χ^2/NDF : 15.4/17

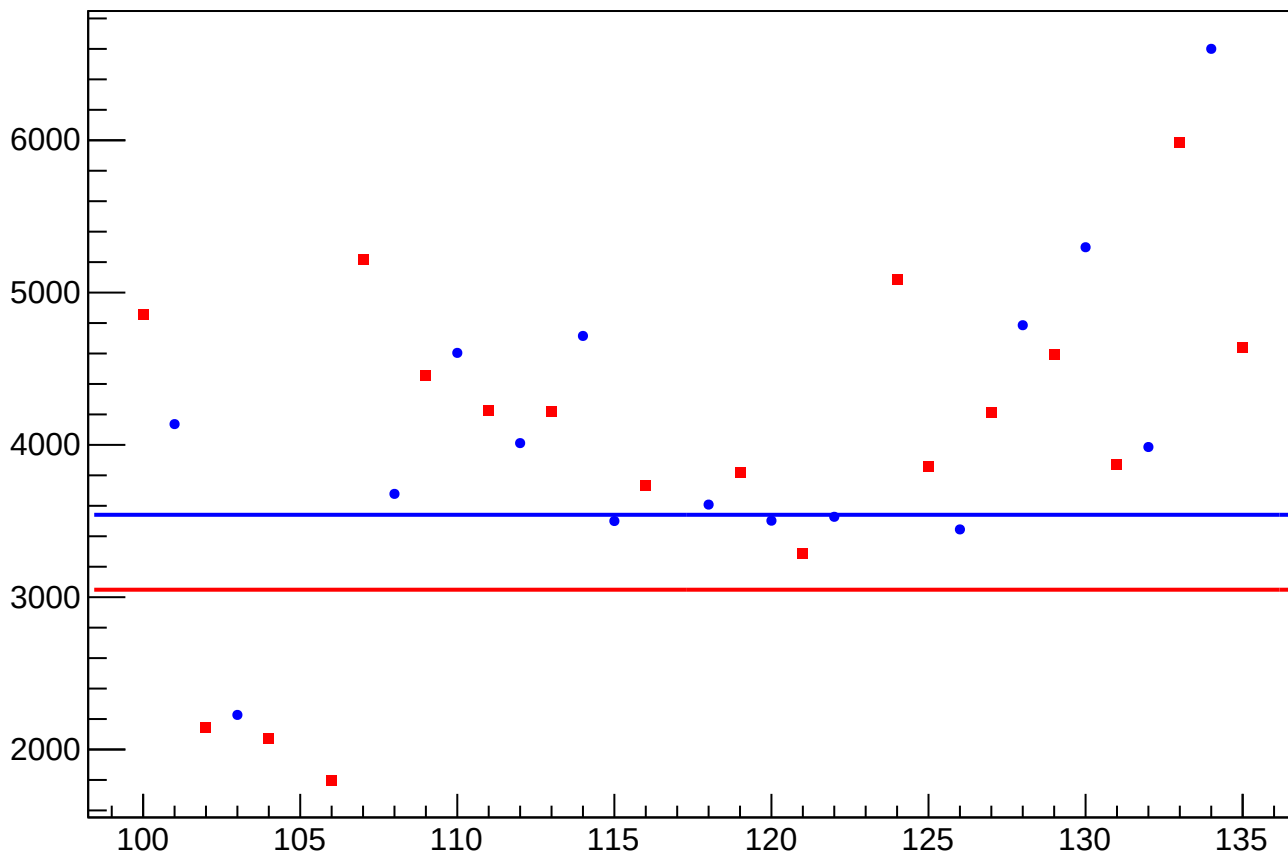
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.177+/-934.339 χ^2/NDF : 28.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_correction_rms vs Slug



Right In: 3541.005+/-1.039 χ^2/NDF : 867523.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

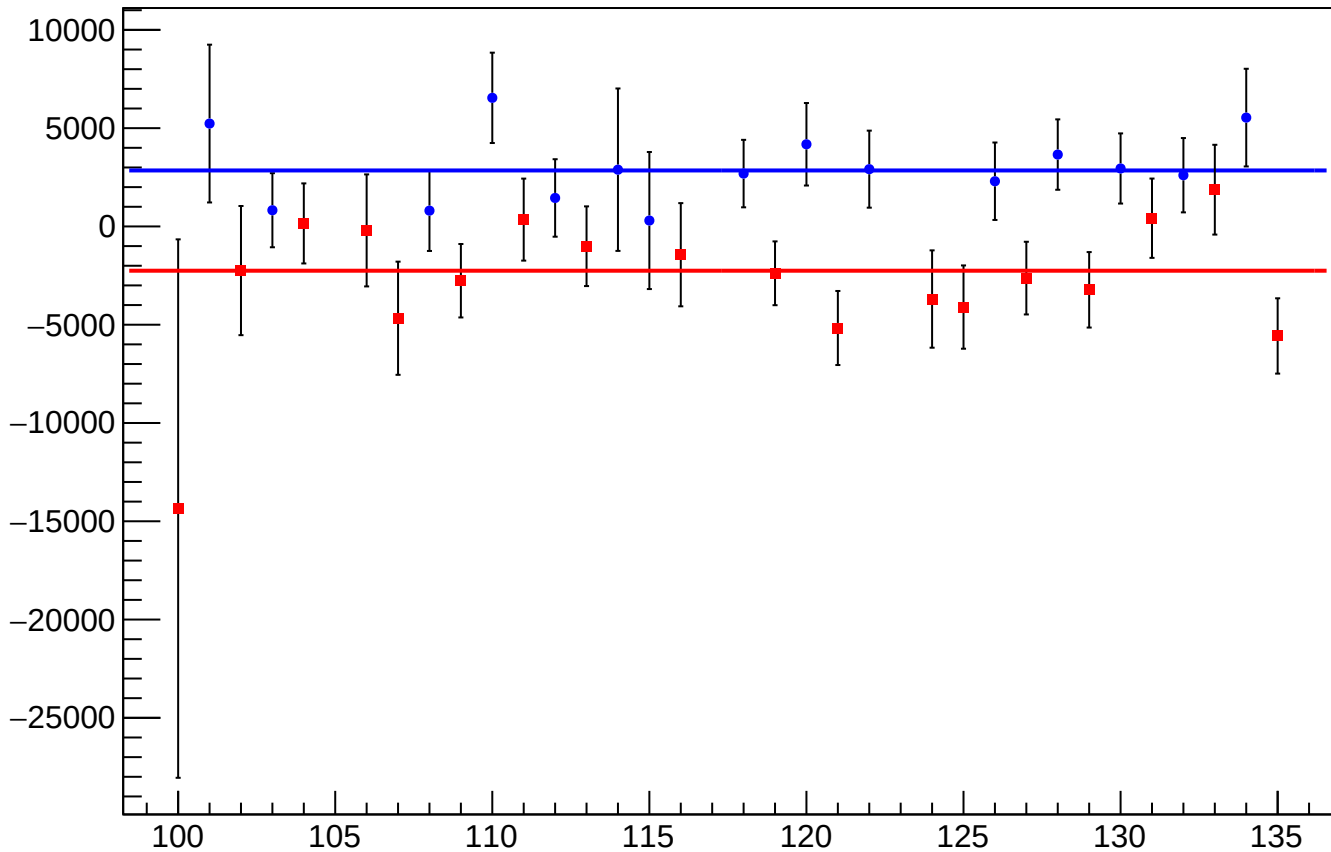
Right Out: 3049.092+/-0.856 χ^2/NDF : 1794165.8/17

All: 3248.174+/-0.661 χ^2/NDF : 2795247.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2848.144+/-548.739 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2252.642+/-512.413 χ^2/NDF : 17.3/17

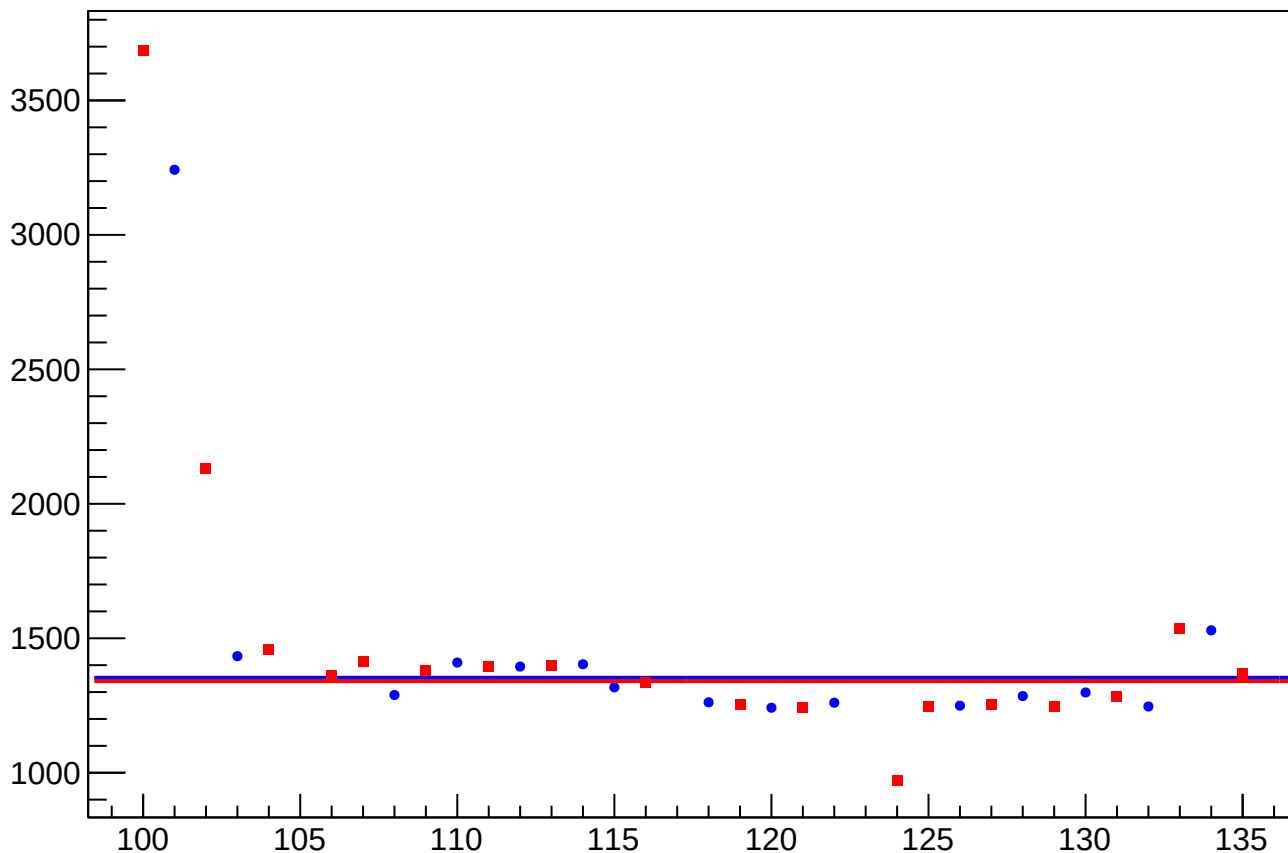
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 123.339+/-374.515 χ^2/NDF : 71.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 1352.927+/-0.388 χ^2/NDF : 493719.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

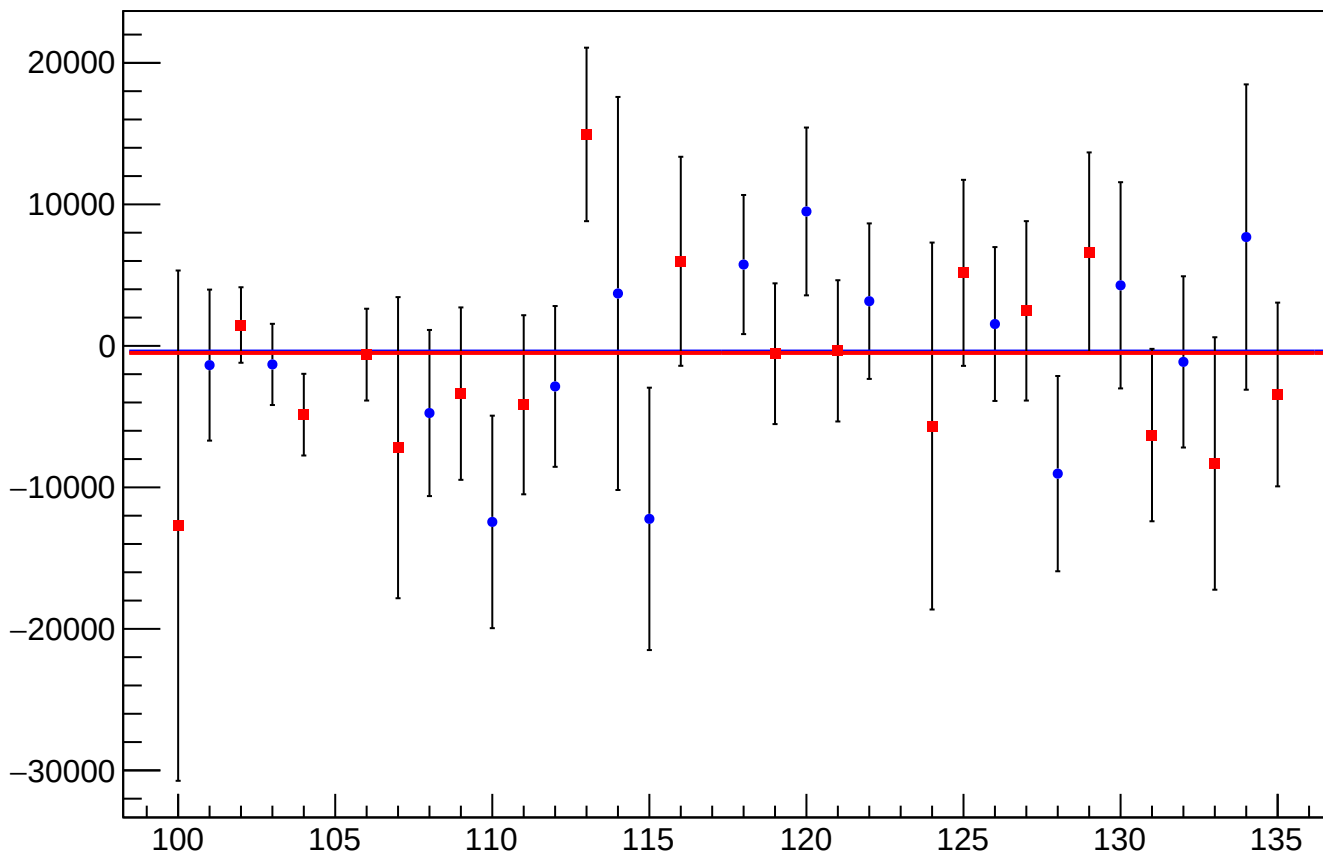
Right Out: 1340.755+/-0.362 χ^2/NDF : 272154.7/17

All: 1346.421+/-0.265 χ^2/NDF : 766400.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -400.778+/-1468.695 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -497.198+/-1210.985 χ^2/NDF : 15.4/17

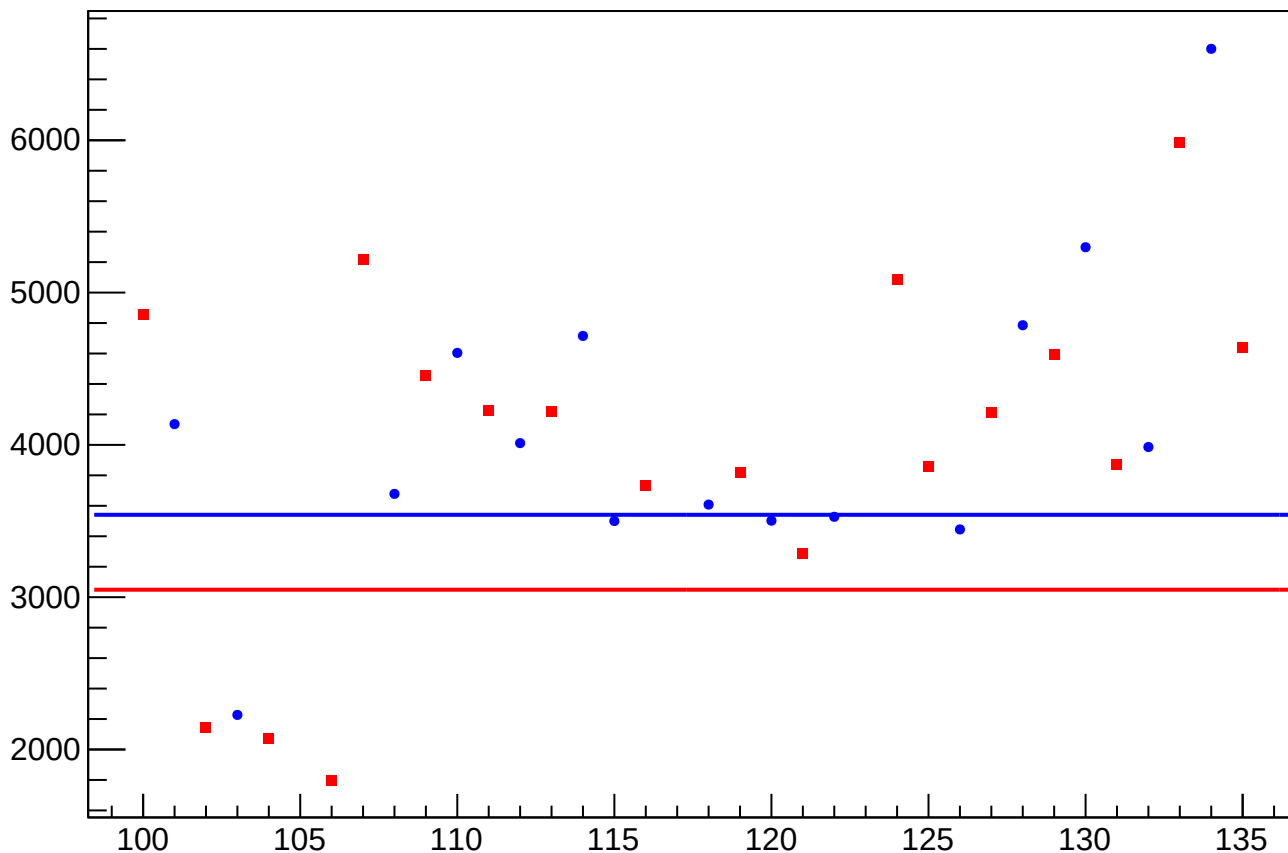
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -458.176+/-934.336 χ^2/NDF : 28.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 3540.995+/-1.039 χ^2/NDF : 867523.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

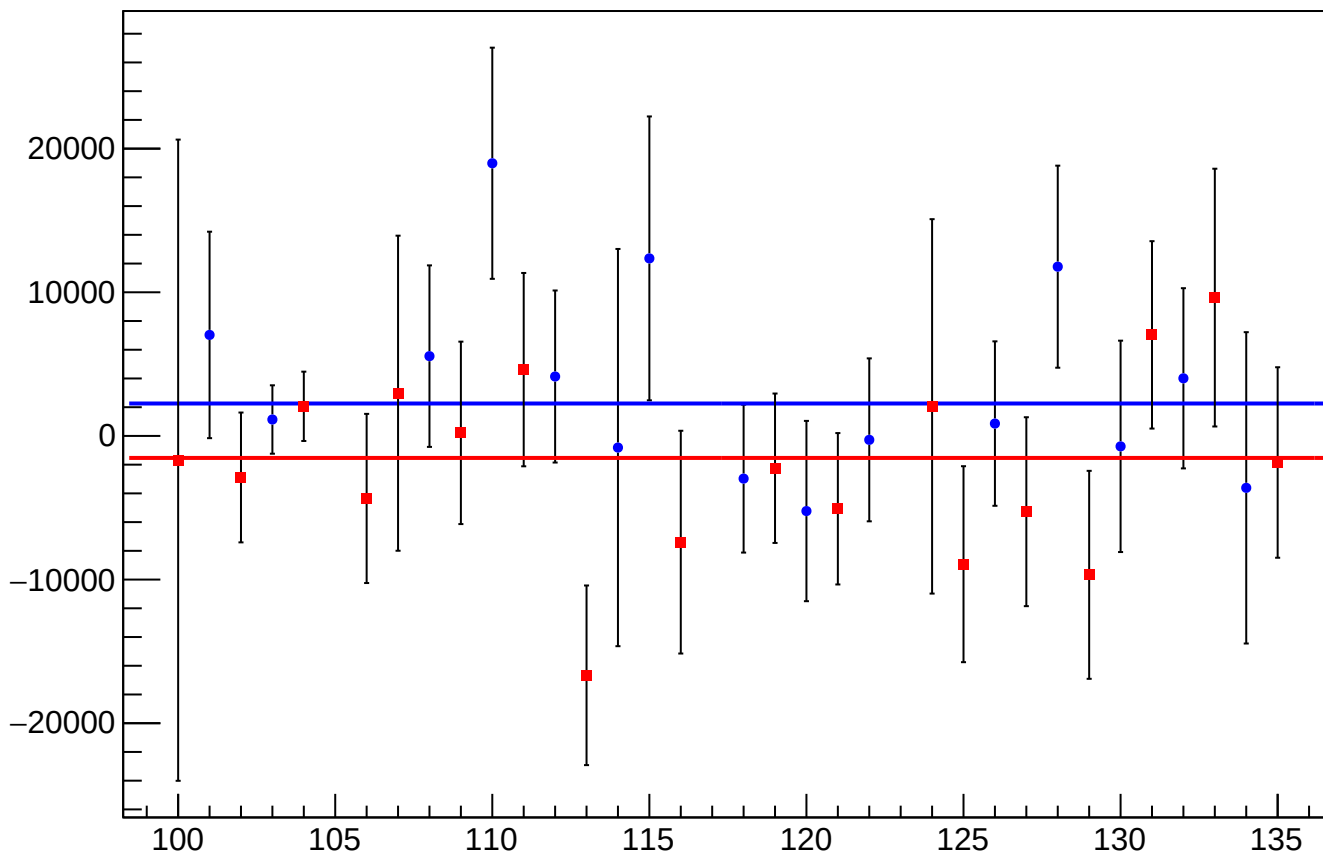
Right Out: 3049.083+/-0.856 χ^2/NDF : 1794167.8/17

All: 3248.165+/-0.661 χ^2/NDF : 2795249.3/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_mean vs Slug



Right In: 2257.578 $\pm$ 1448.069 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1531.832 $\pm$ 1348.124 χ^2 /NDF: 16.6/17

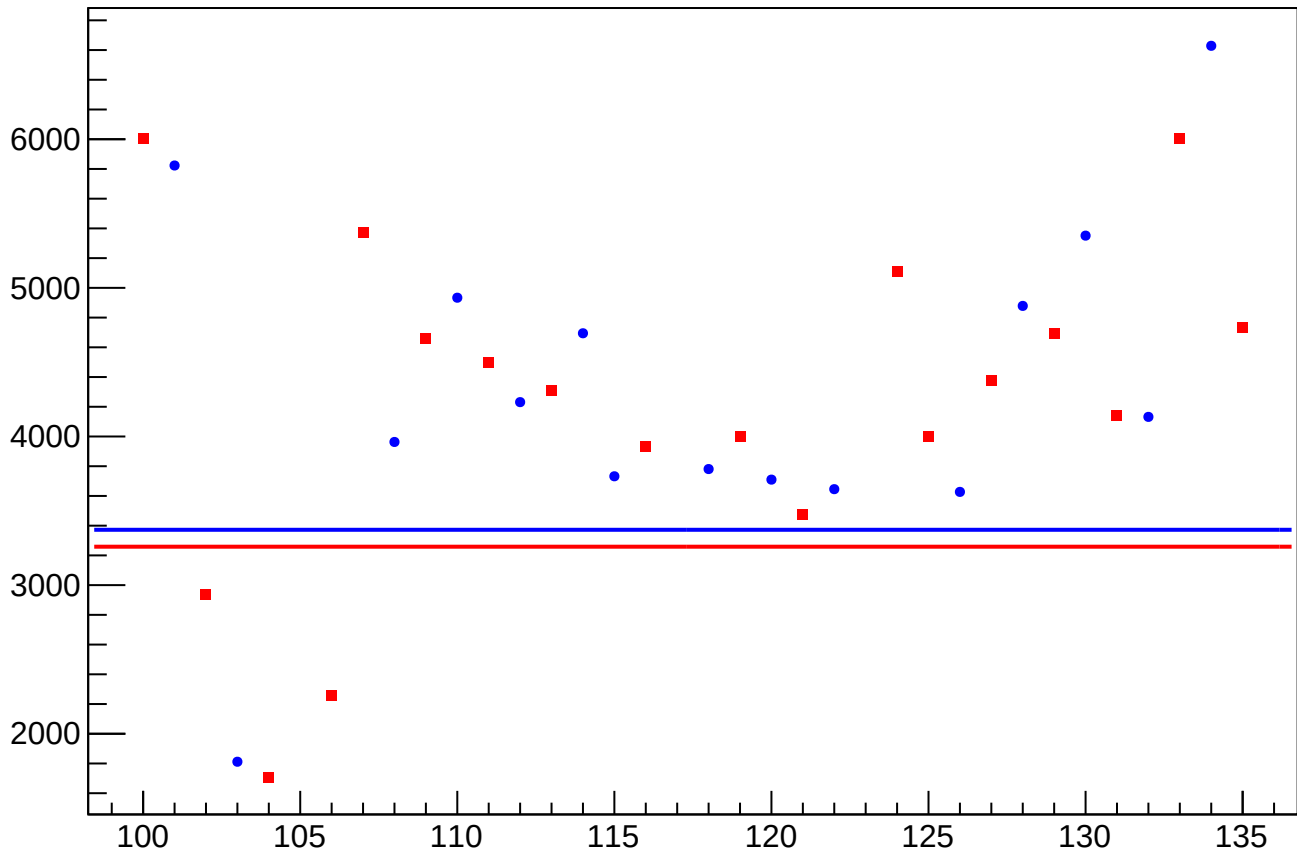
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 227.599 $\pm$ 986.710 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_rms vs Slug



Right In: 3372.295+/-1.024 χ^2/NDF : 1719855.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

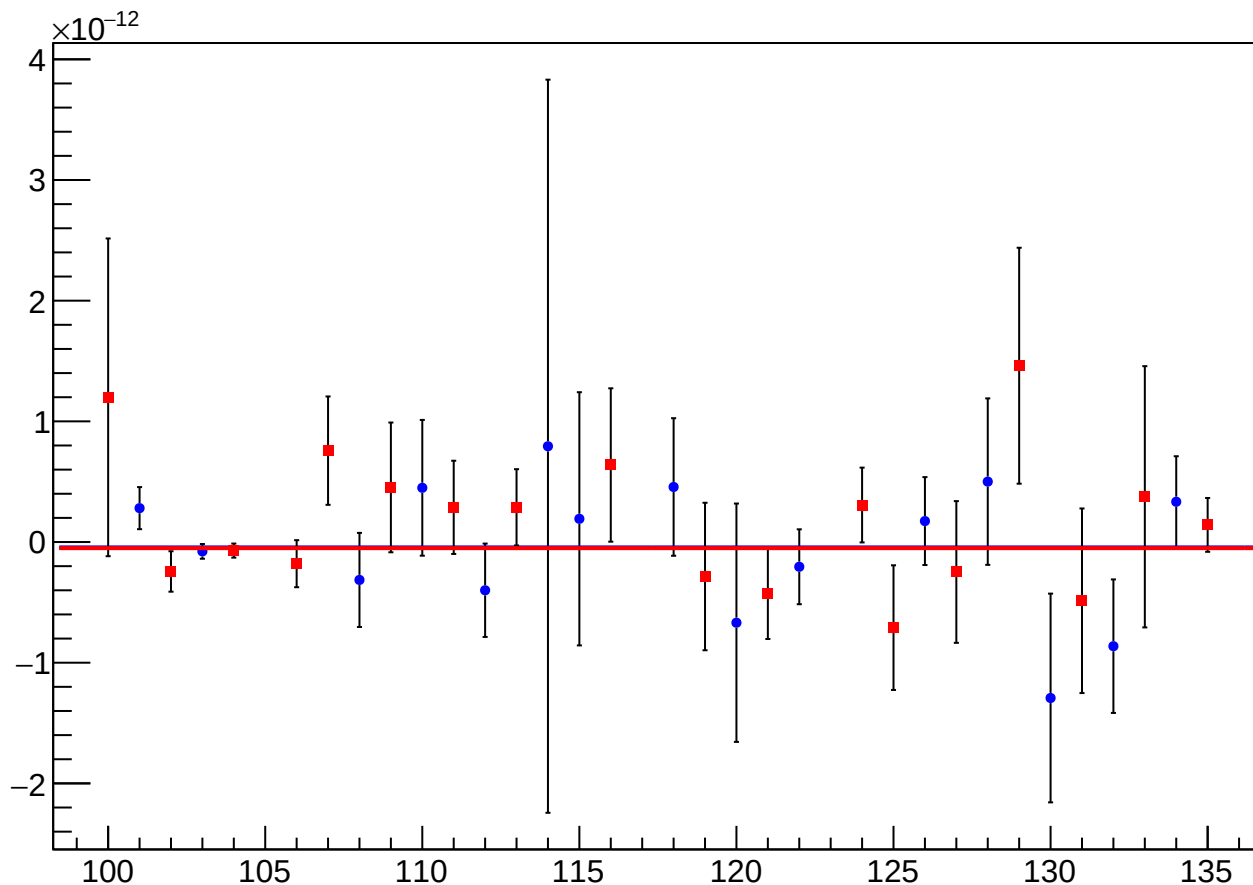
Right Out: 3258.524+/-0.940 χ^2/NDF : 1838139.3/17

All: 3310.558+/-0.692 χ^2/NDF : 3564694.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 13.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 17.9/17

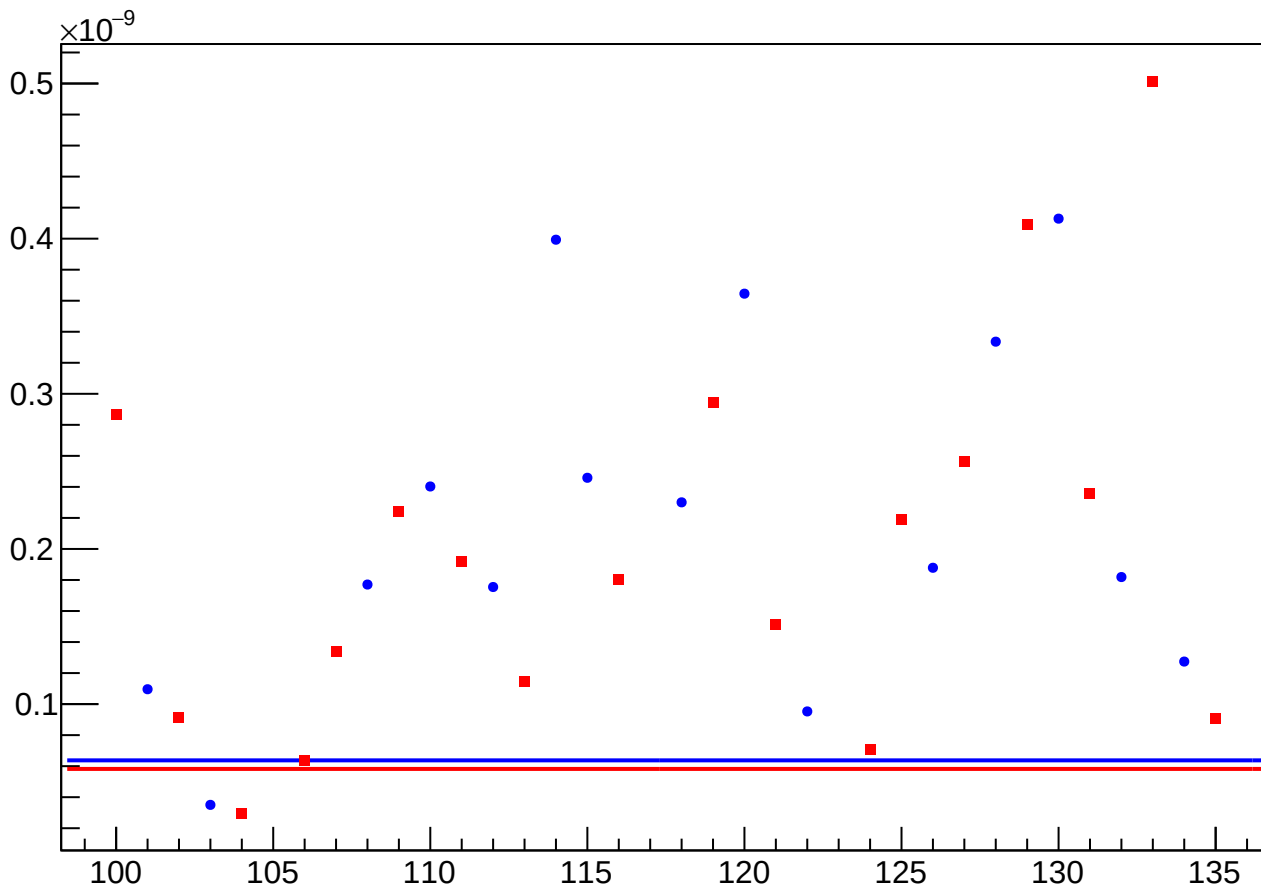
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2587317.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2848598.8/17

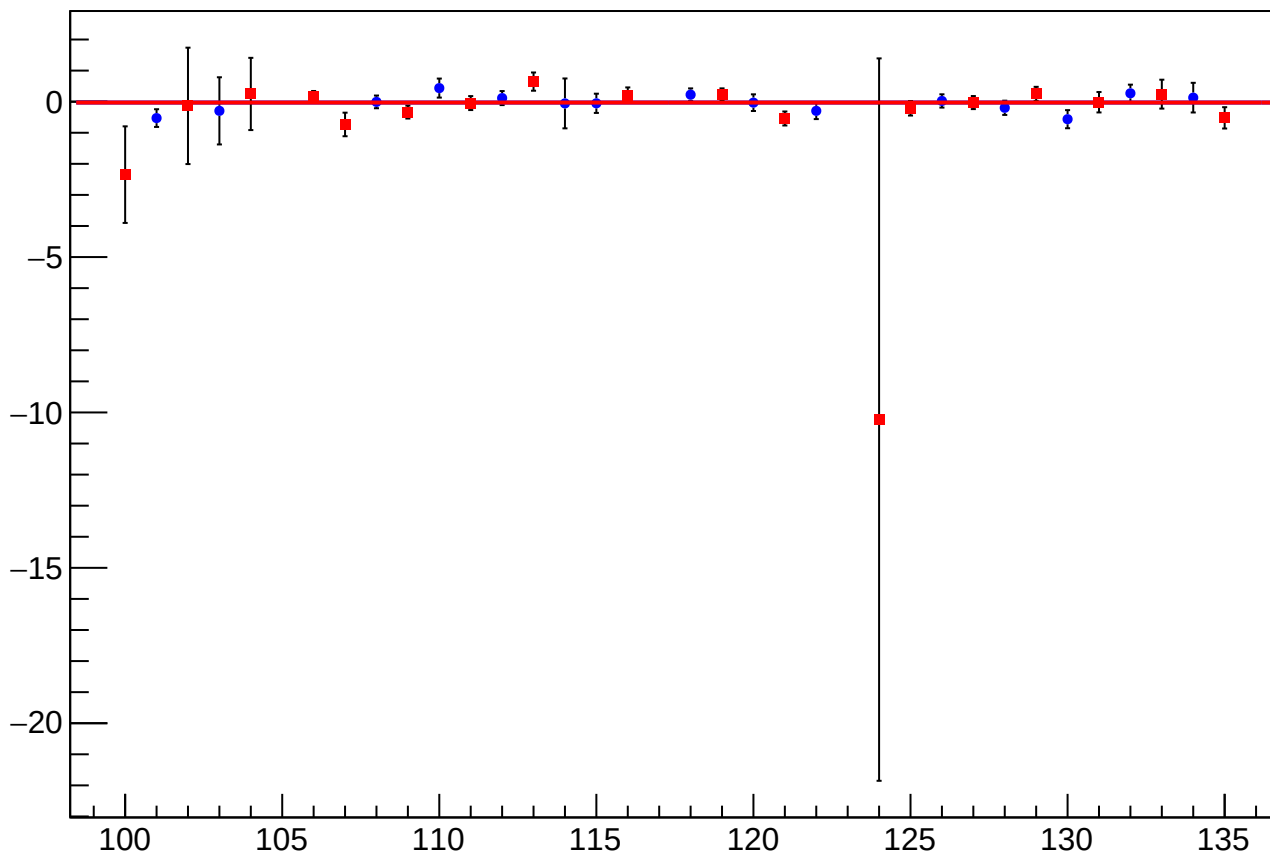
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5447855.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.027 $\pm$ 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 $\pm$ 0.065 χ^2/NDF : 27.5/17

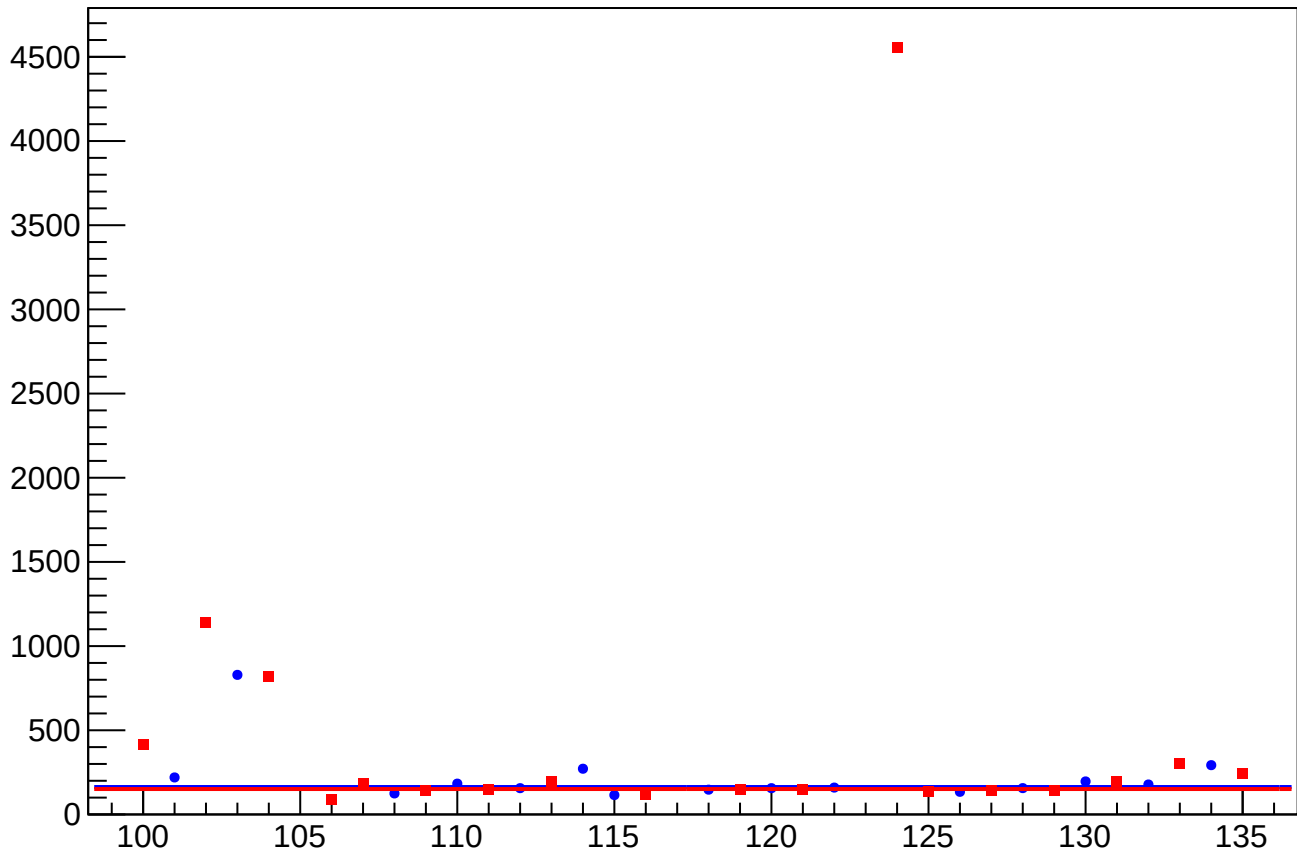
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.028 $\pm$ 0.048 χ^2/NDF : 41.3/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.047+/-0.046 χ^2/NDF : 2305197.1/17

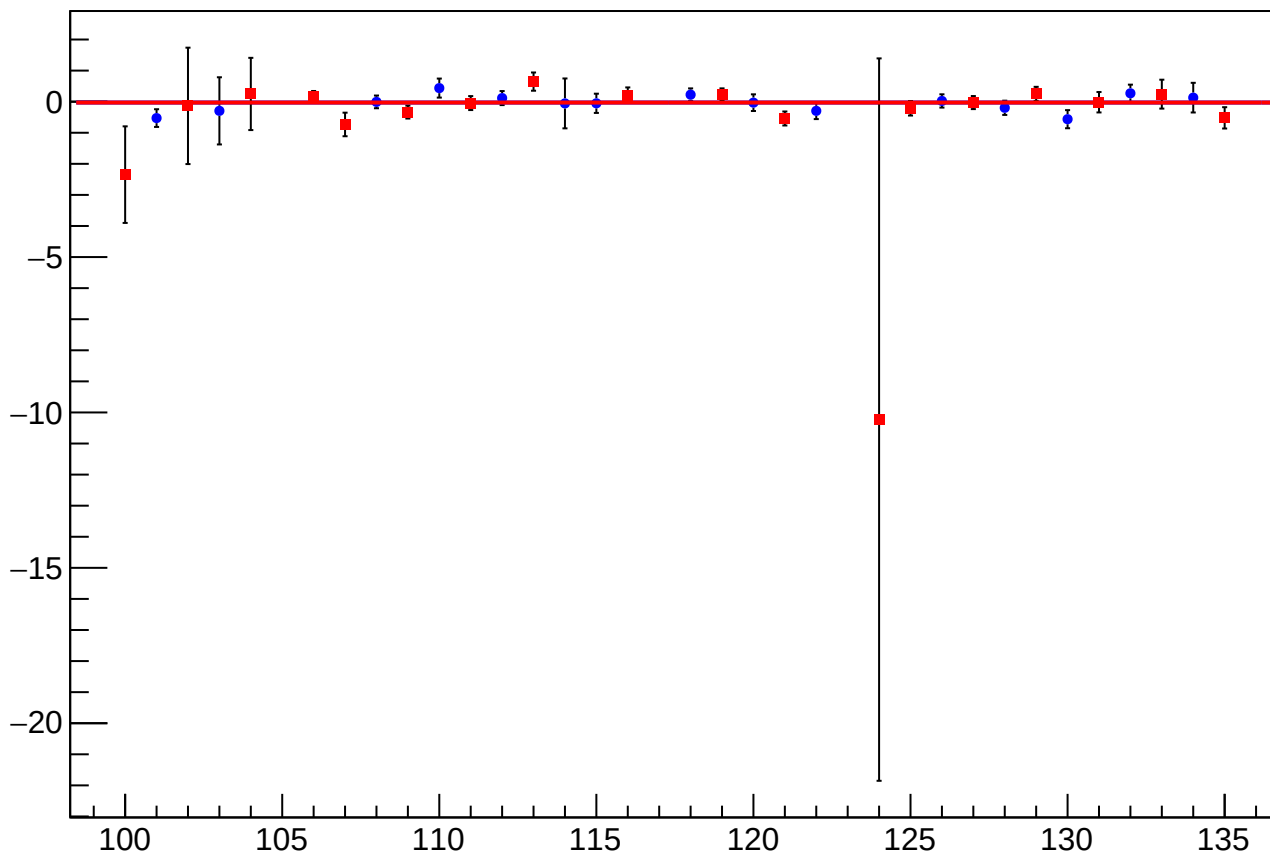
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.505+/-0.034 χ^2/NDF : 3570571.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 27.5/17

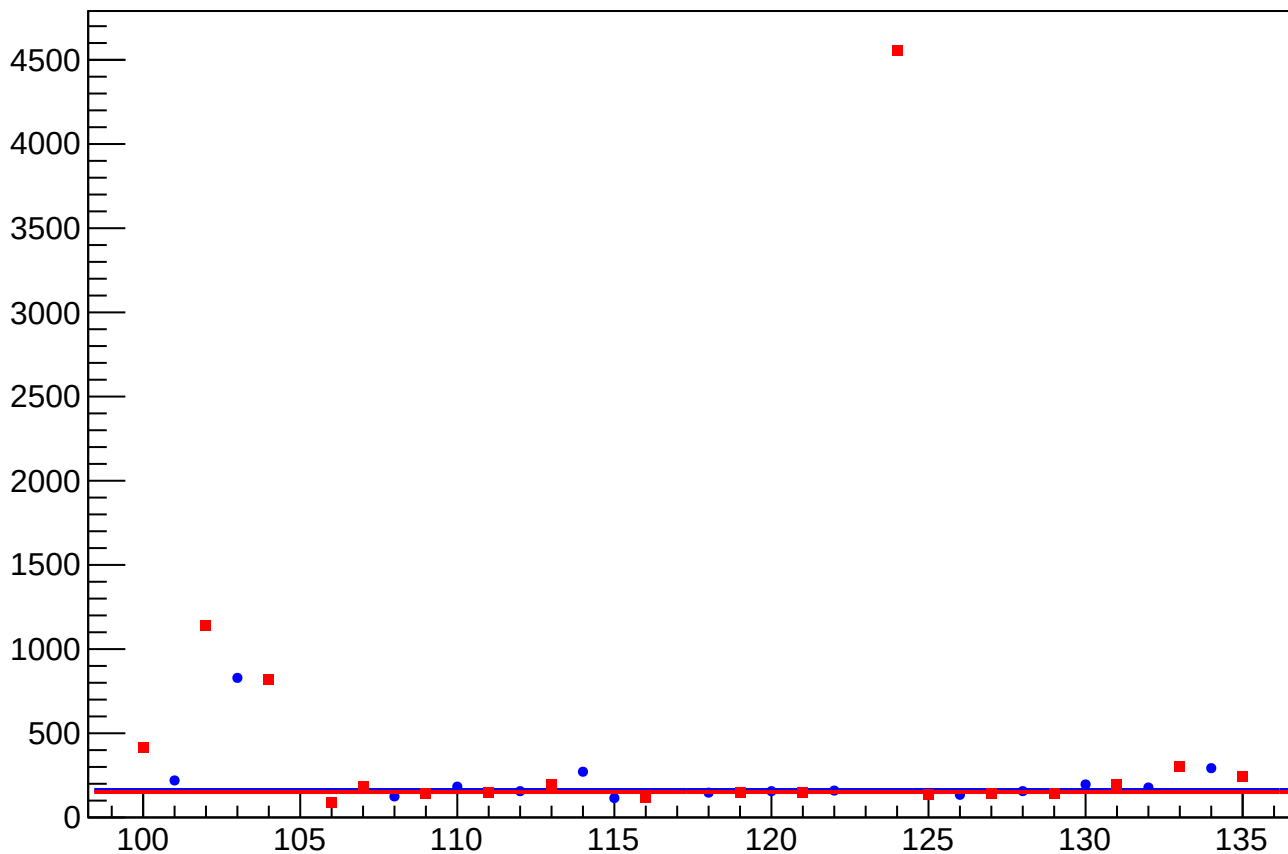
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.048 χ^2/NDF : 41.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 162.921+/-0.050 χ^2/NDF : 1234548.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

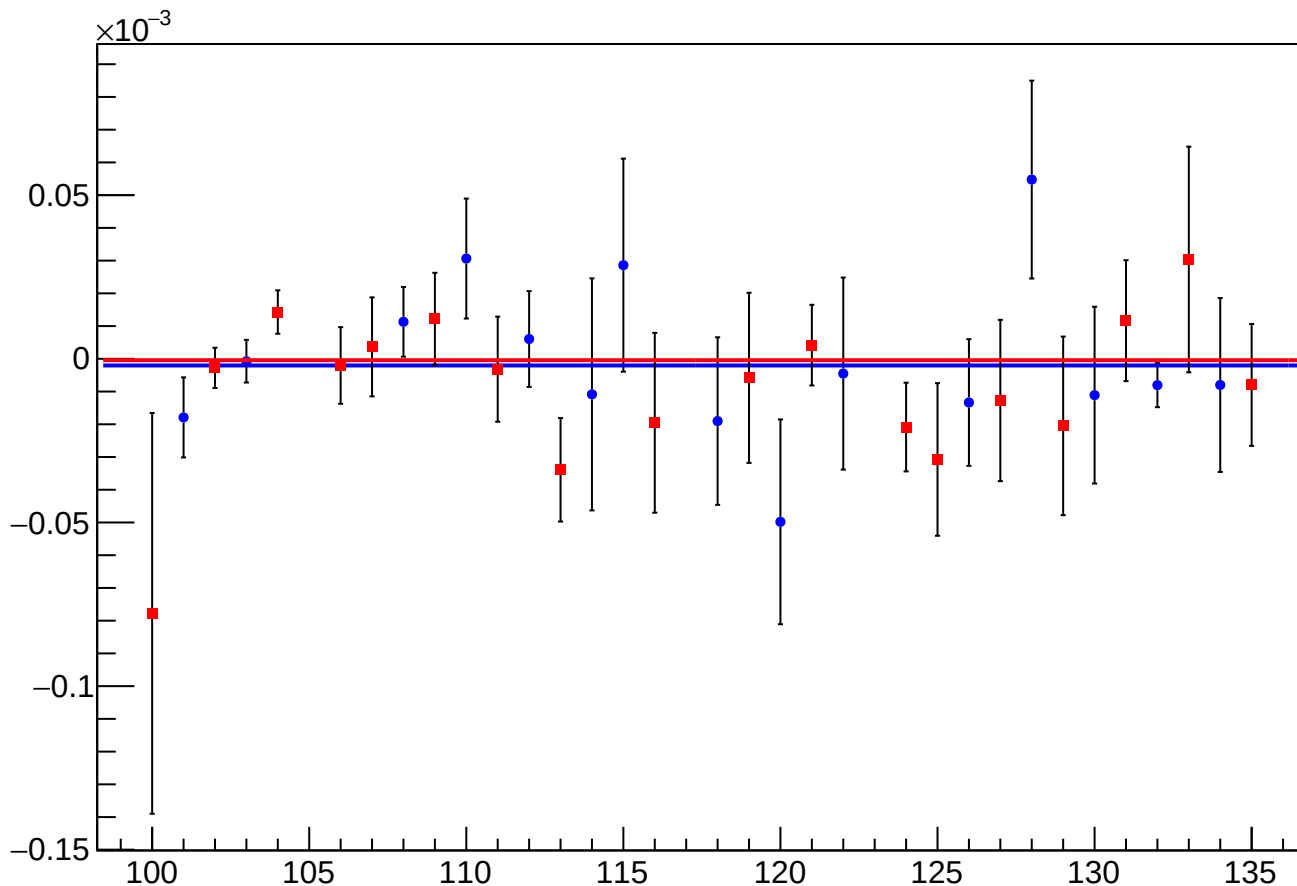
Right Out: 151.047+/-0.046 χ^2/NDF : 2305197.1/17

All: 156.505+/-0.034 χ^2/NDF : 3570571.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/17

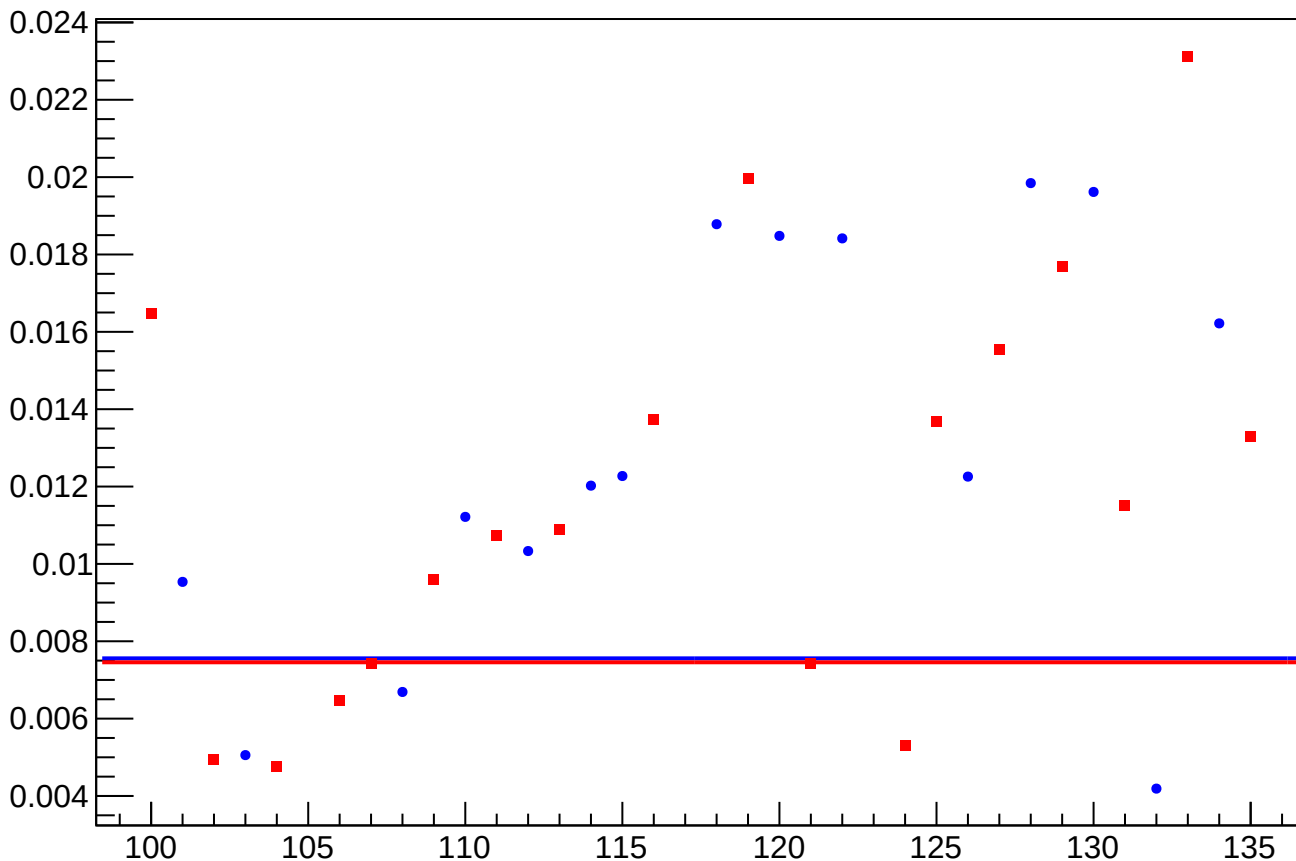
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 3047755.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2905928.4/17

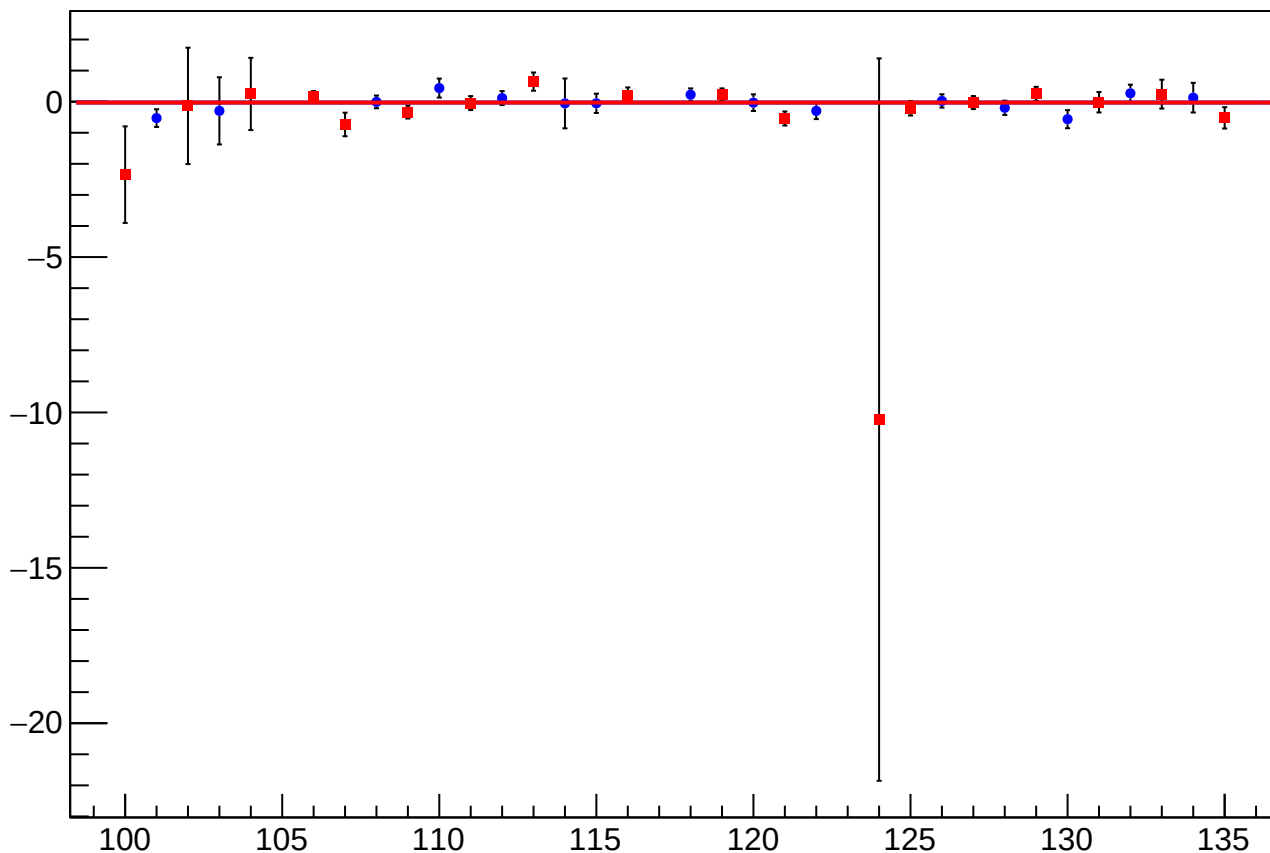
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 5954603.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 27.5/17

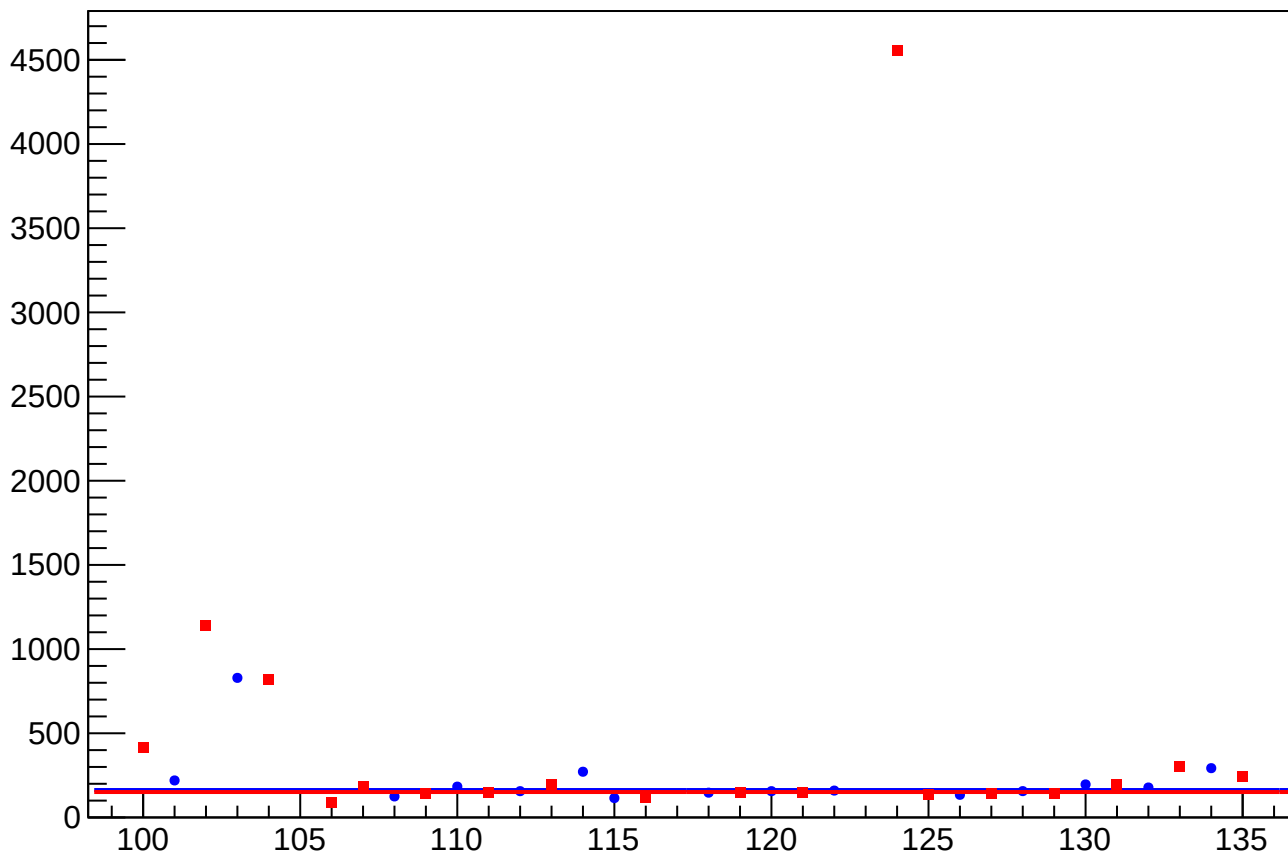
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.048 χ^2/NDF : 41.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

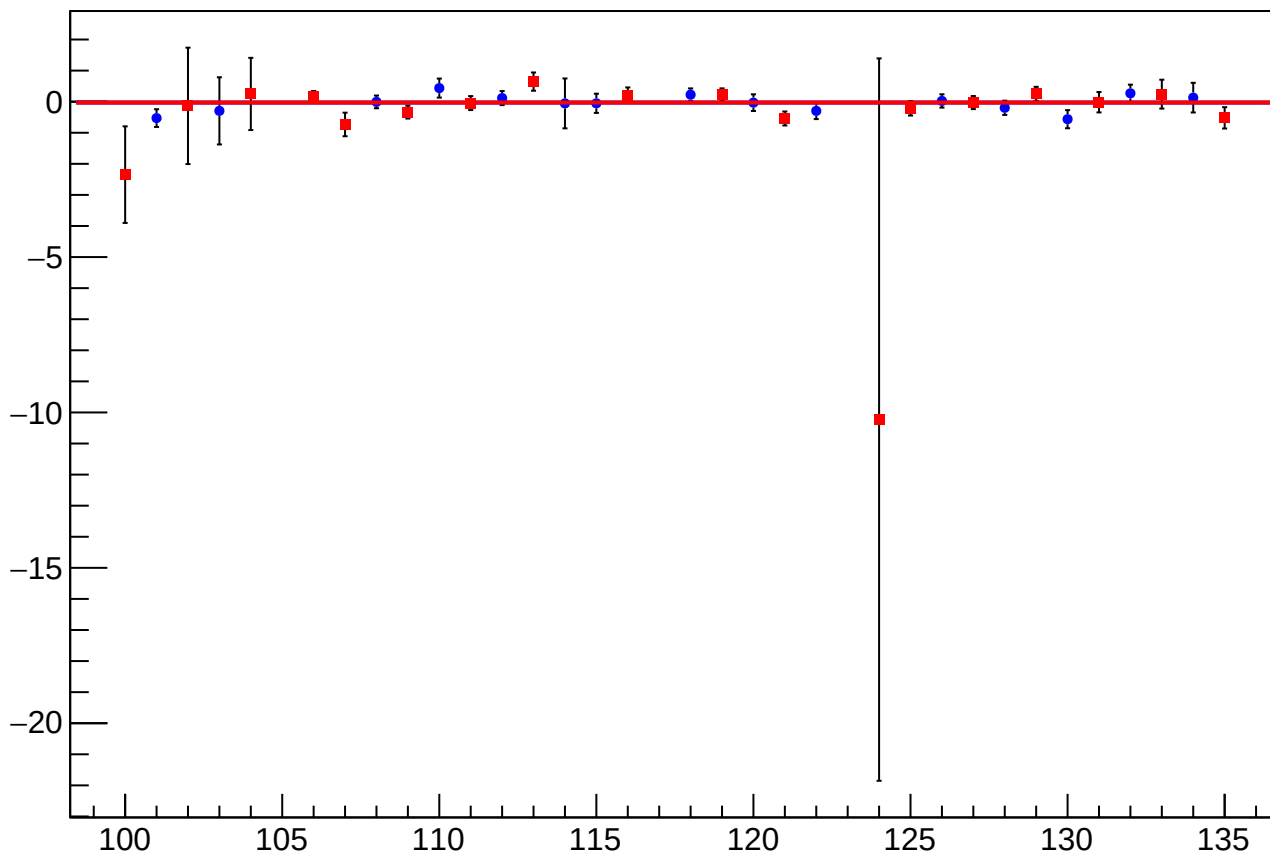
Right Out: 151.045+/-0.046 χ^2/NDF : 2305196.1/17

All: 156.504+/-0.034 χ^2/NDF : 3570555.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.027 ± 0.070 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.028 ± 0.065 χ^2/NDF : 27.5/17

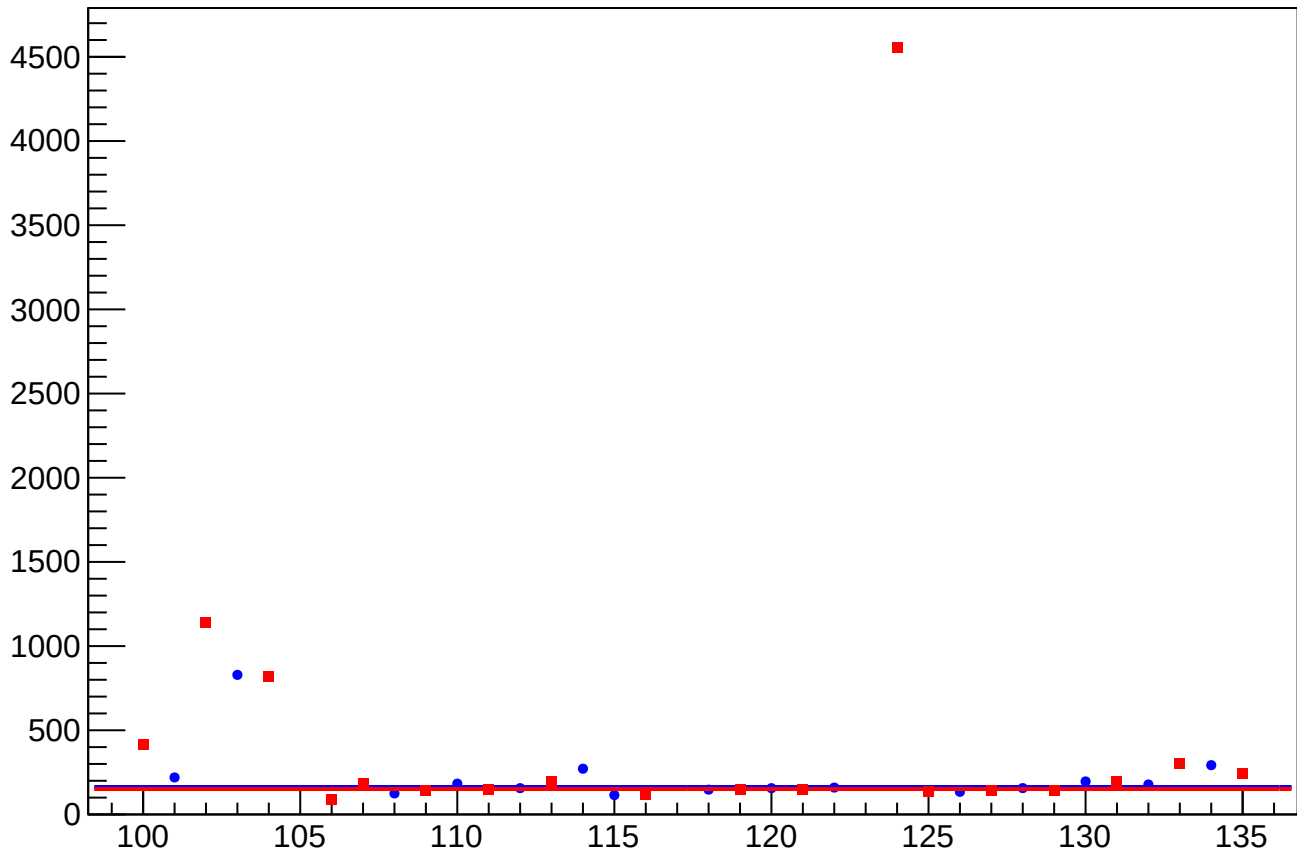
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.028 ± 0.048 χ^2/NDF : 41.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 162.920+/-0.050 χ^2/NDF : 1234530.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 151.045+/-0.046 χ^2/NDF : 2305196.1/17

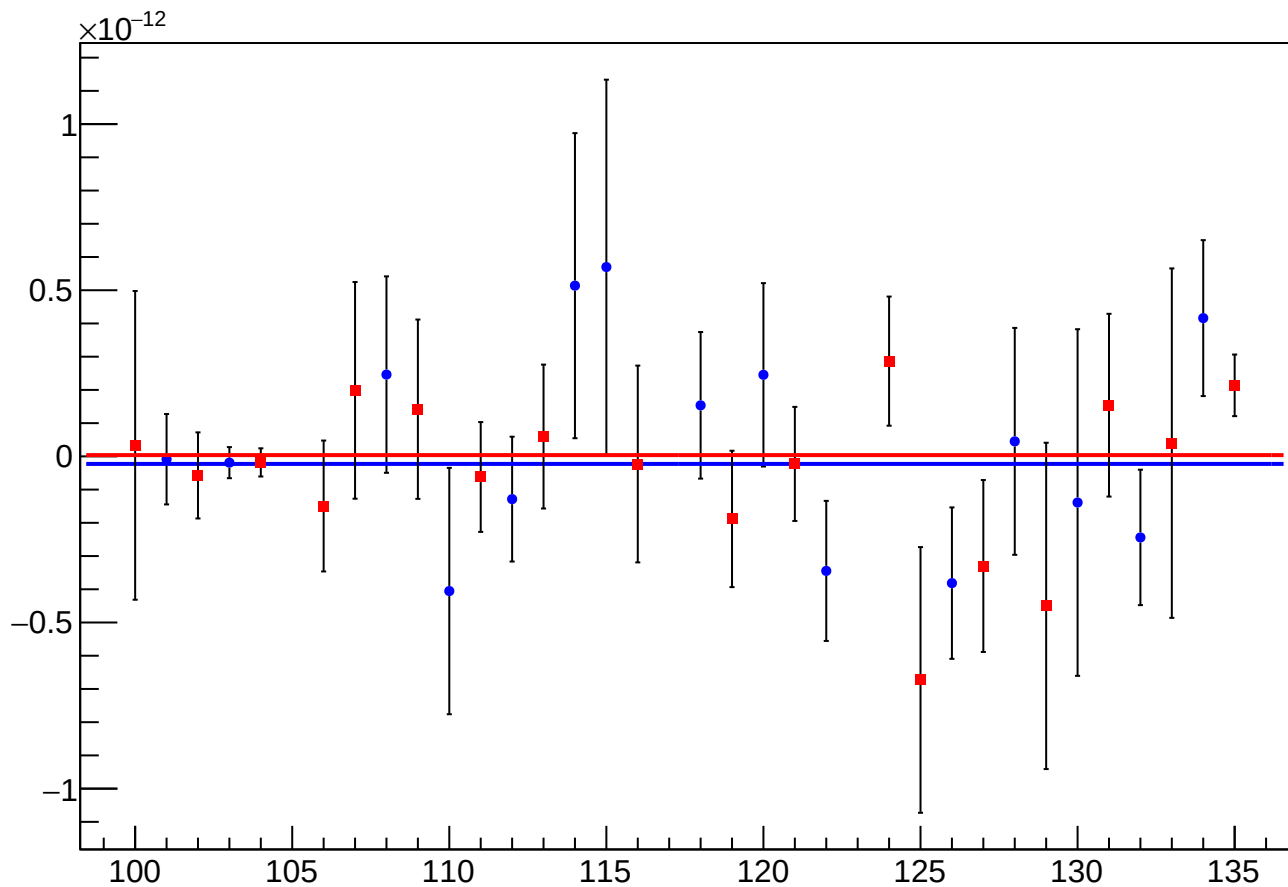
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 156.504+/-0.034 χ^2/NDF : 3570555.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 15.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.8/17

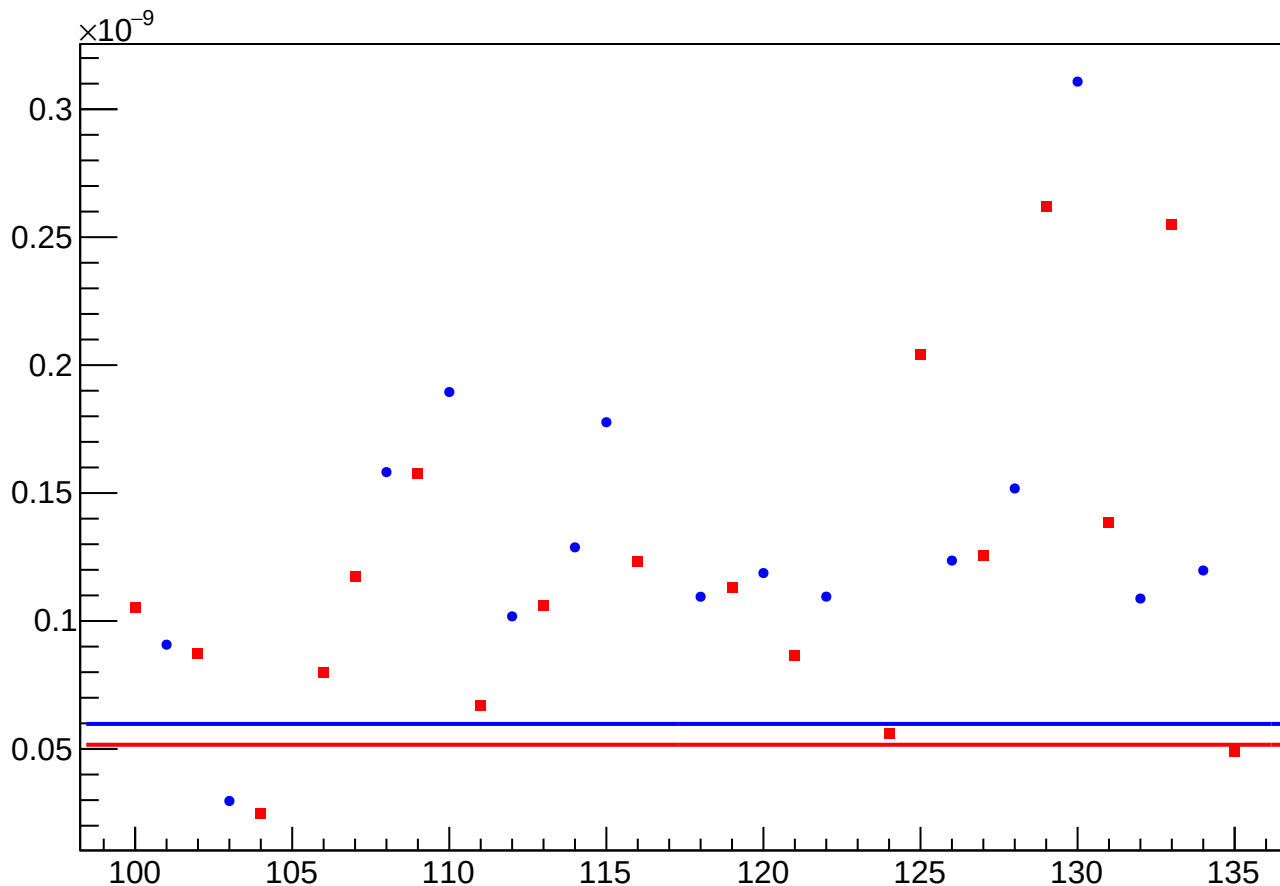
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2947205.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3262984.9/17

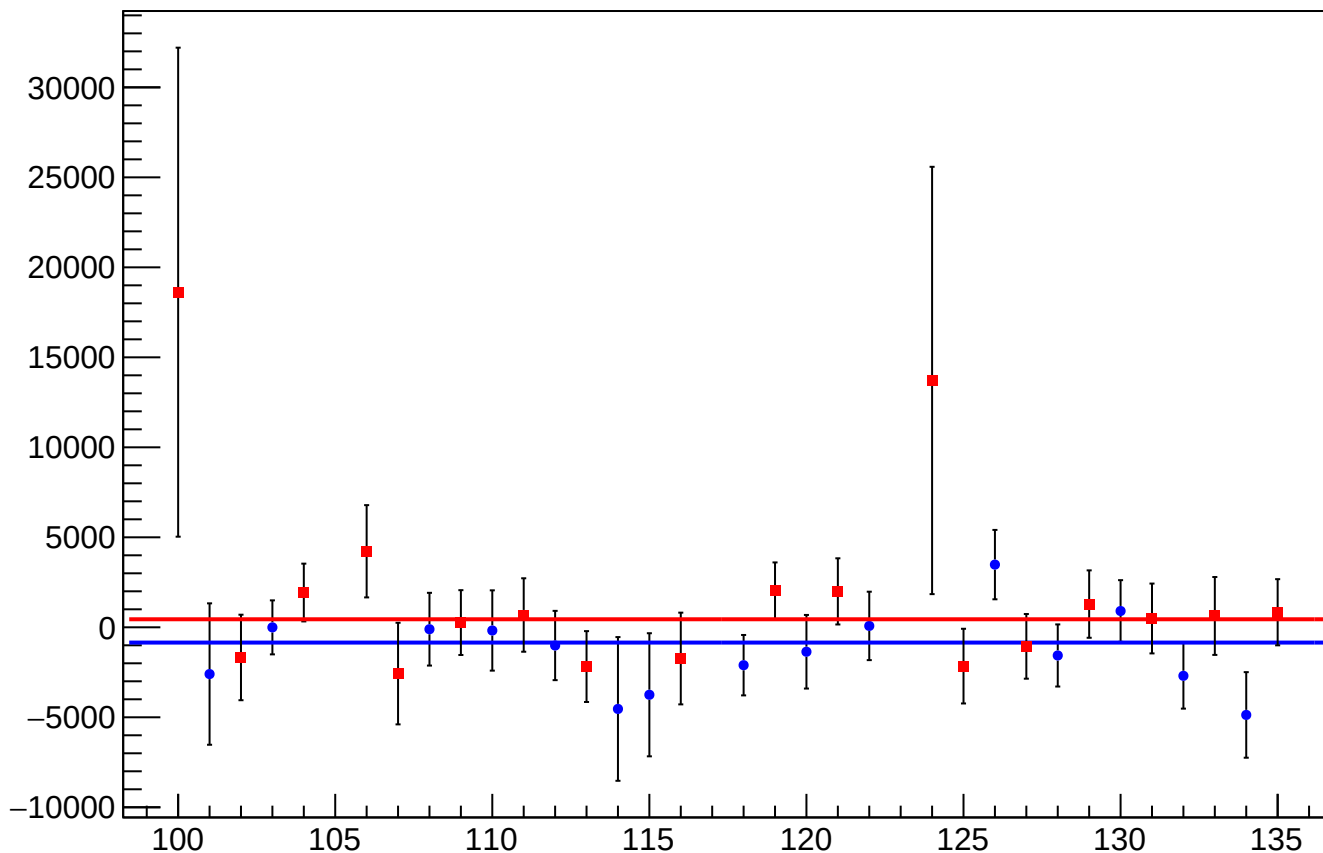
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6264129.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -848.642+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 446.294+/-493.035 χ^2/NDF : 14.8/17

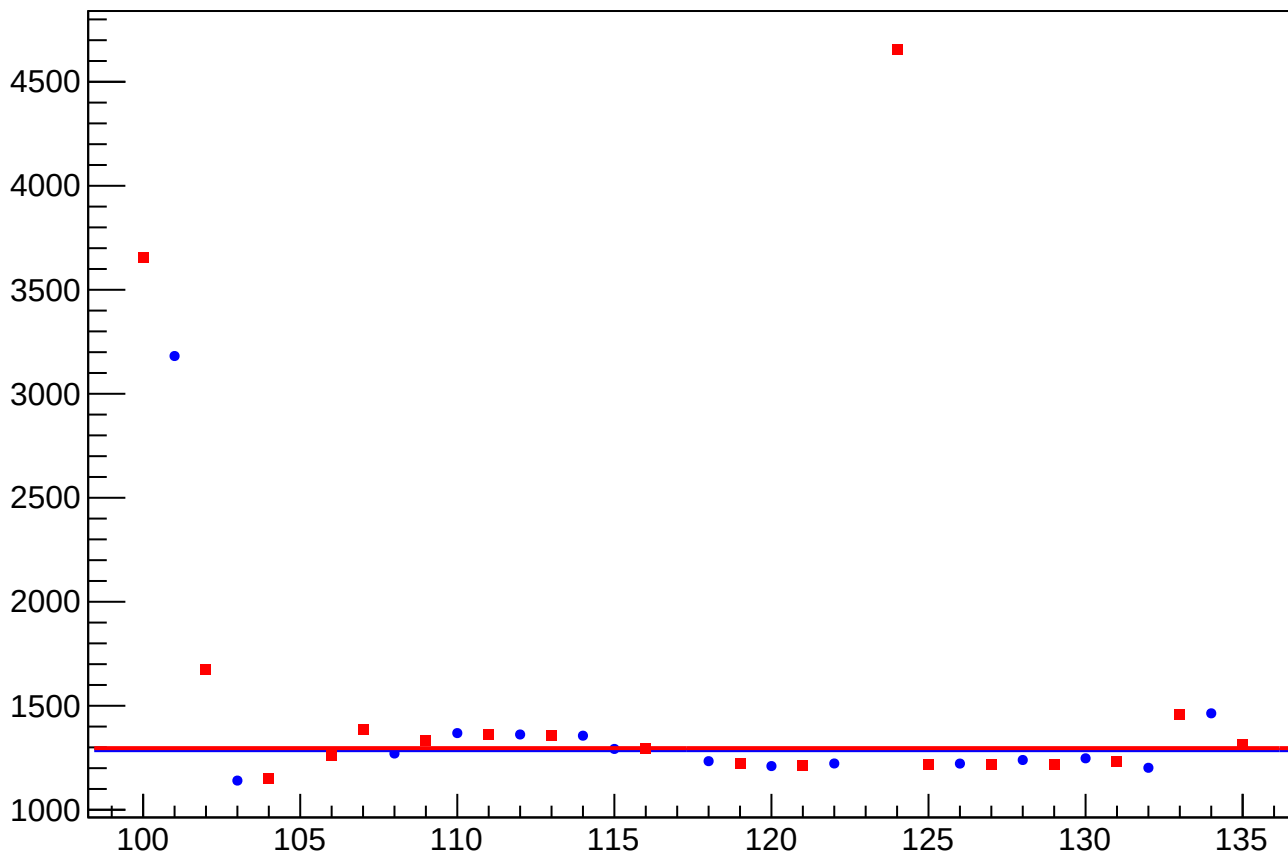
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -164.010+/-358.494 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.317+/-0.349 χ^2/NDF : 328030.2/17

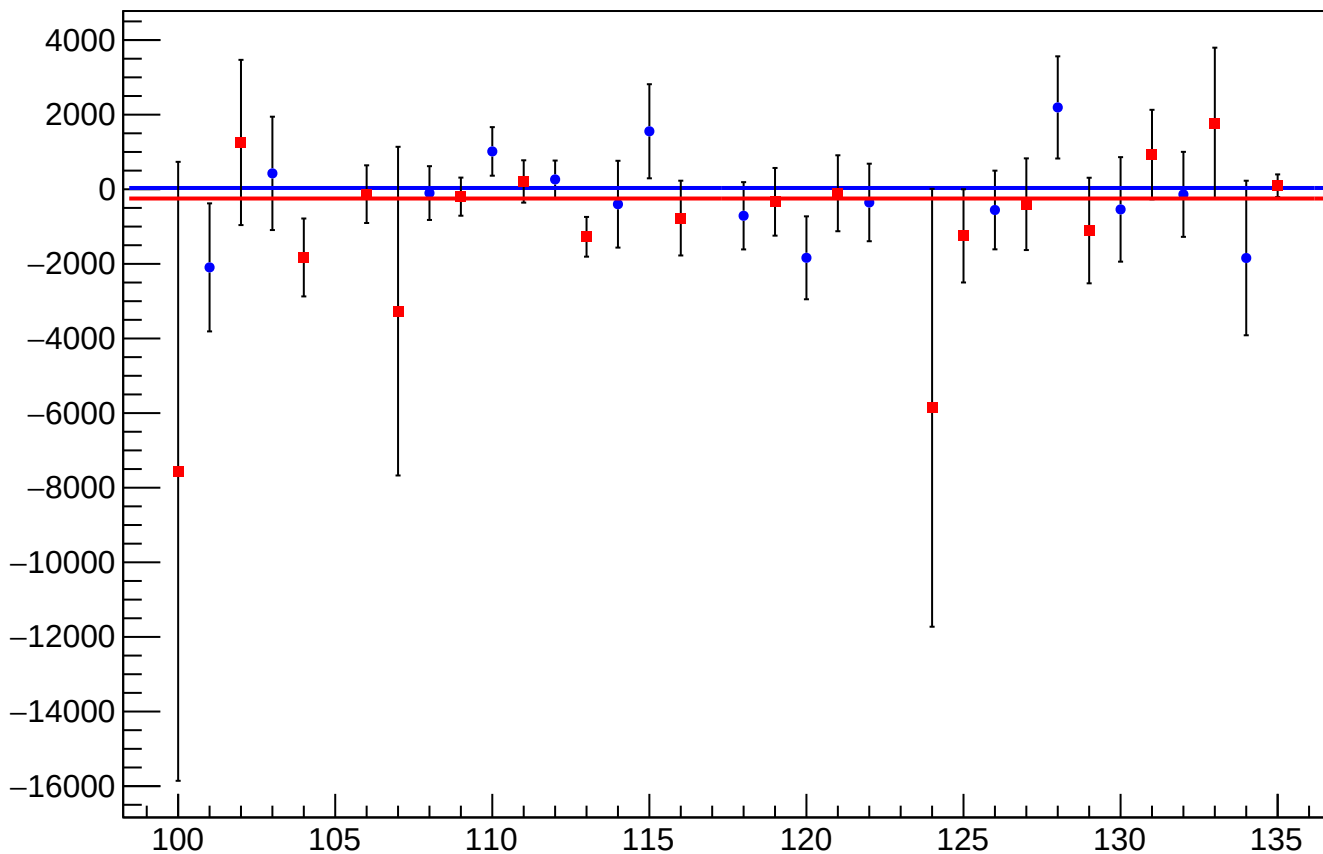
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.726+/-0.253 χ^2/NDF : 846512.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_mean vs Slug



Right In: 34.510+/-248.079 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -247.875+/-182.170 χ^2/NDF : 13.9/17

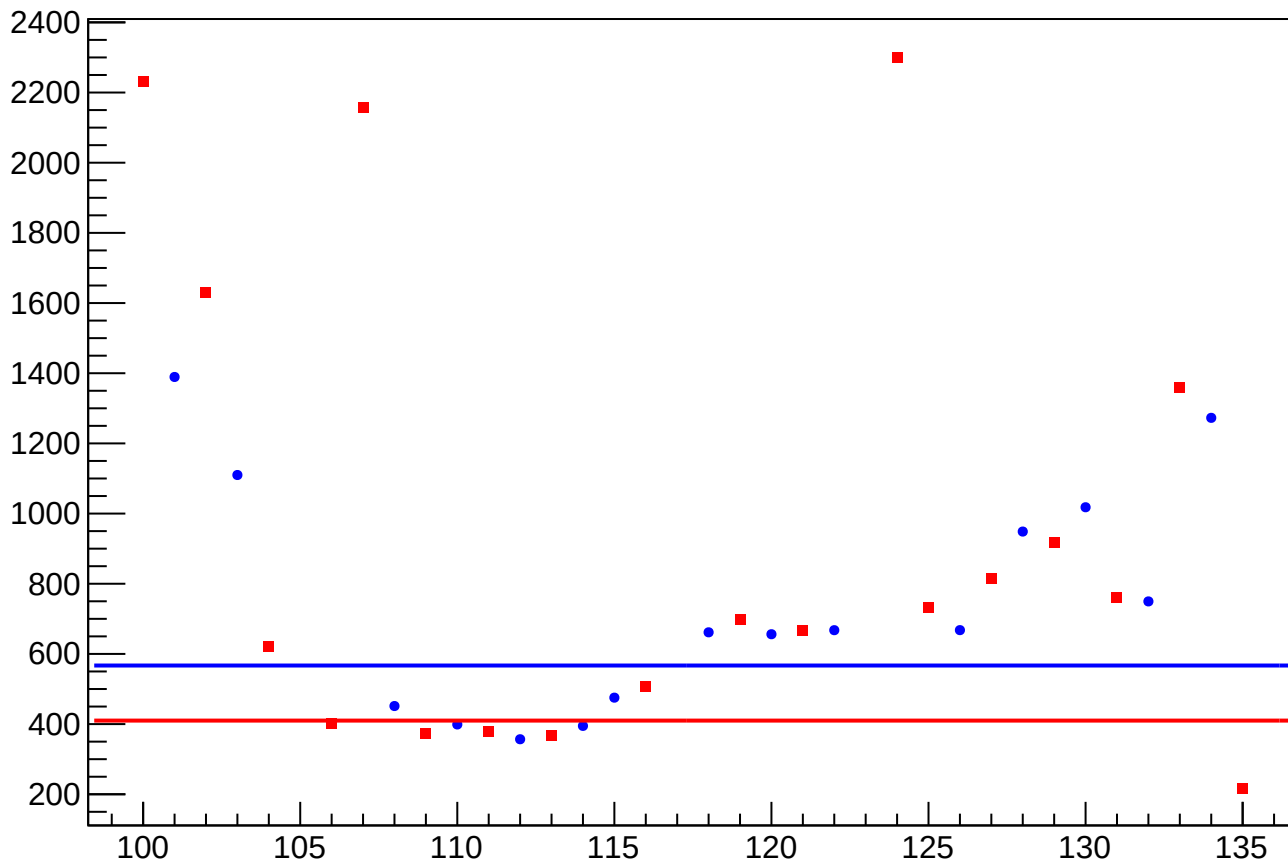
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.949+/-146.834 χ^2/NDF : 27.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_correction_rms vs Slug



Right In: 566.946 $\pm$ 0.175 χ^2 /NDF: 2017605.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

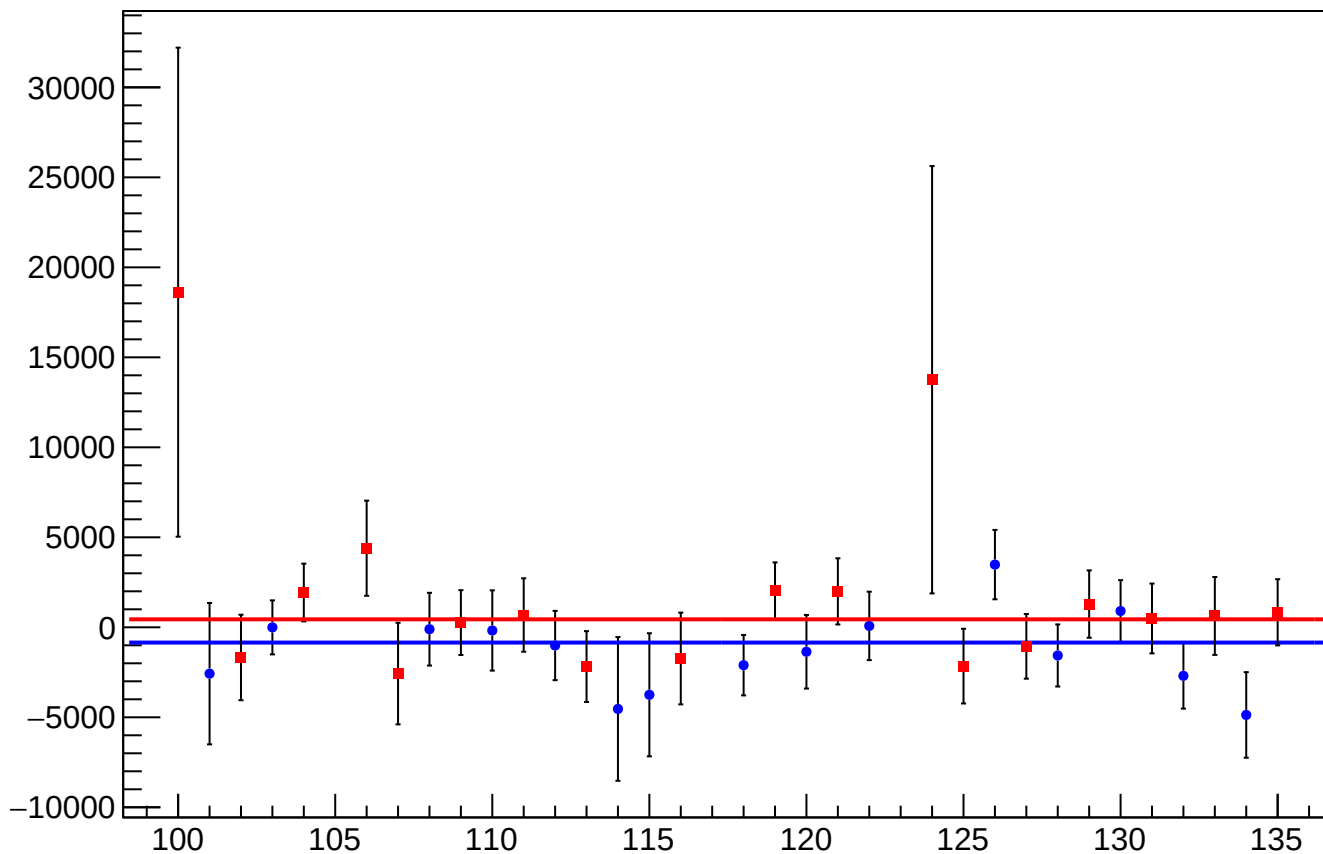
Right Out: 409.984 $\pm$ 0.129 χ^2 /NDF: 3727195.4/17

All: 464.971 $\pm$ 0.104 χ^2 /NDF: 6264957.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.872+/-493.581 χ^2/NDF : 14.8/17

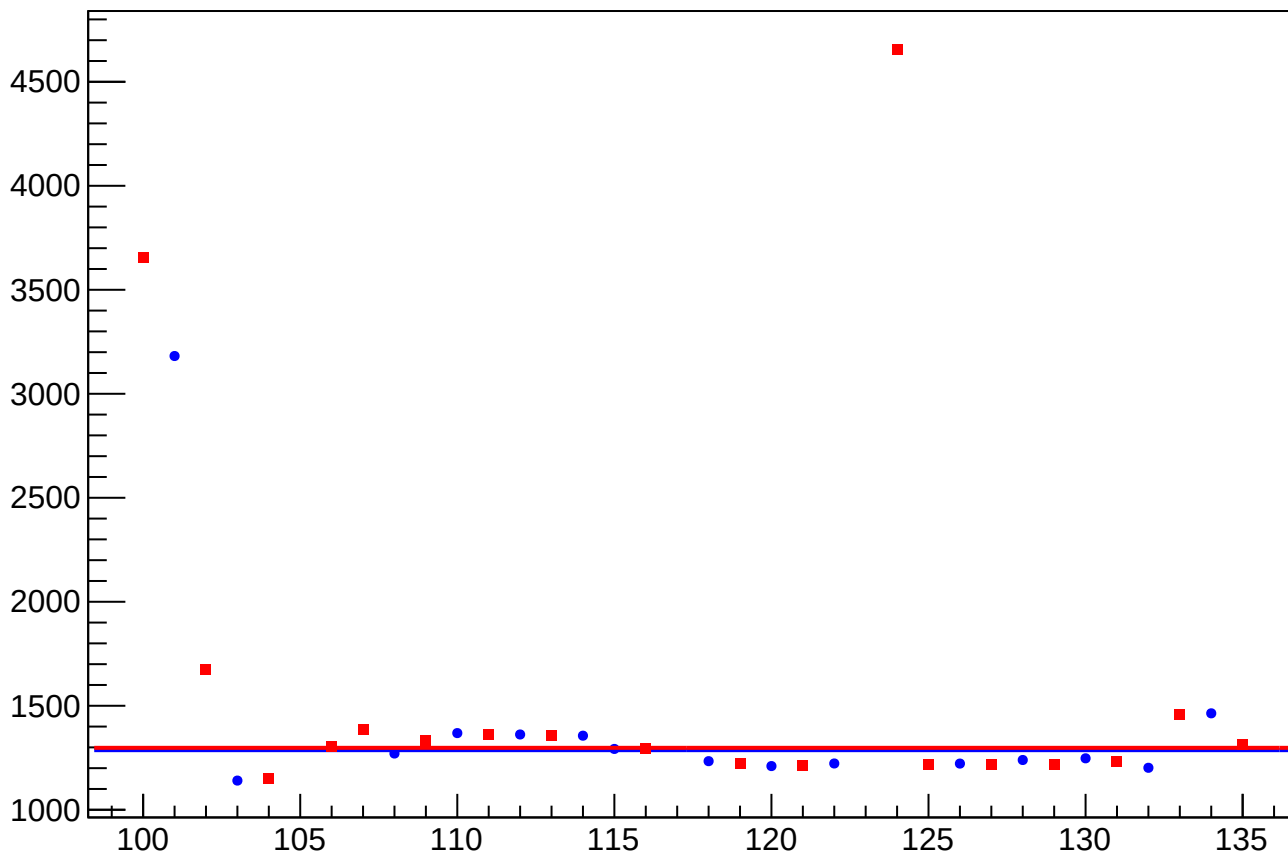
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.773+/-358.704 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

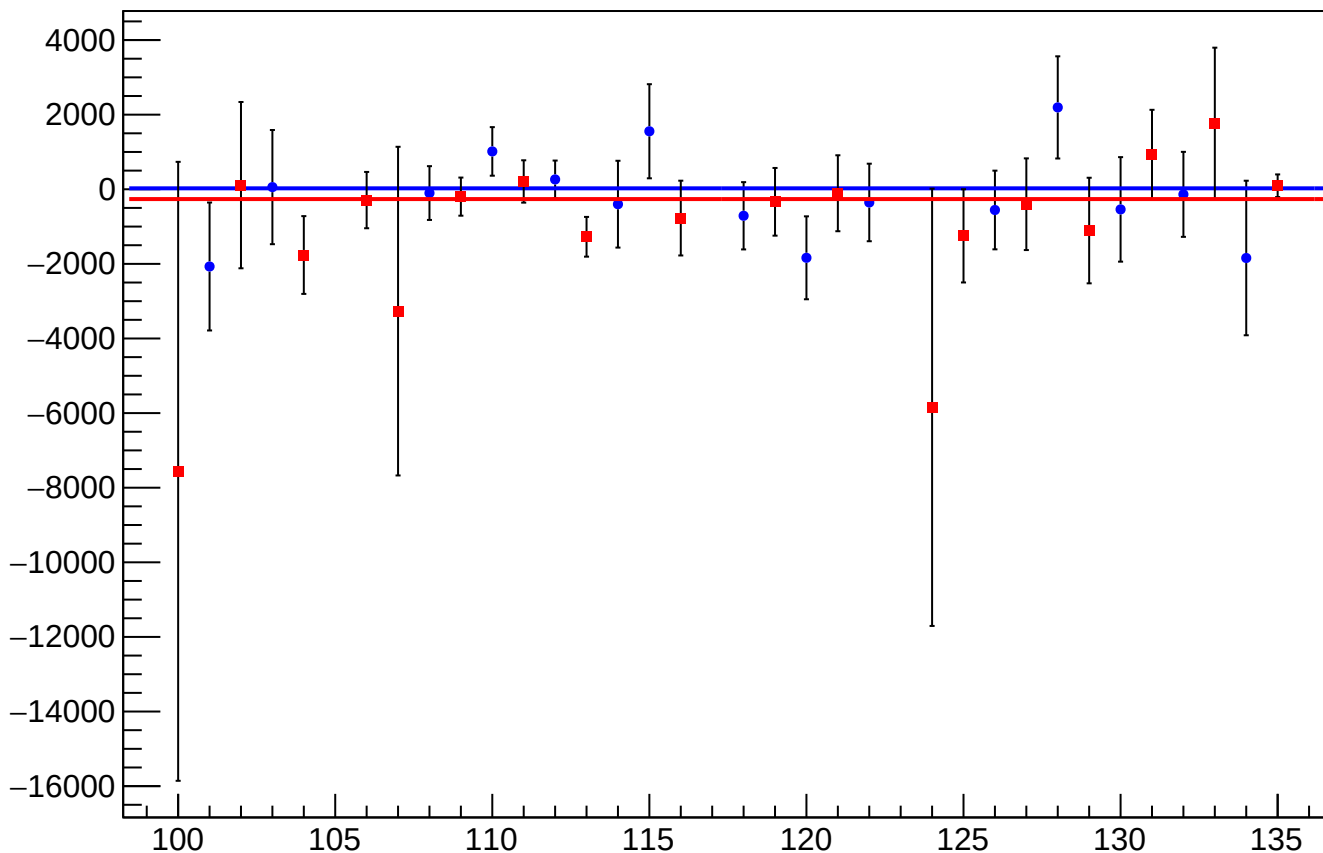
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.510+/-0.254 χ^2/NDF : 846296.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_mean vs Slug



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.805+/-181.924 χ^2/NDF : 13.2/17

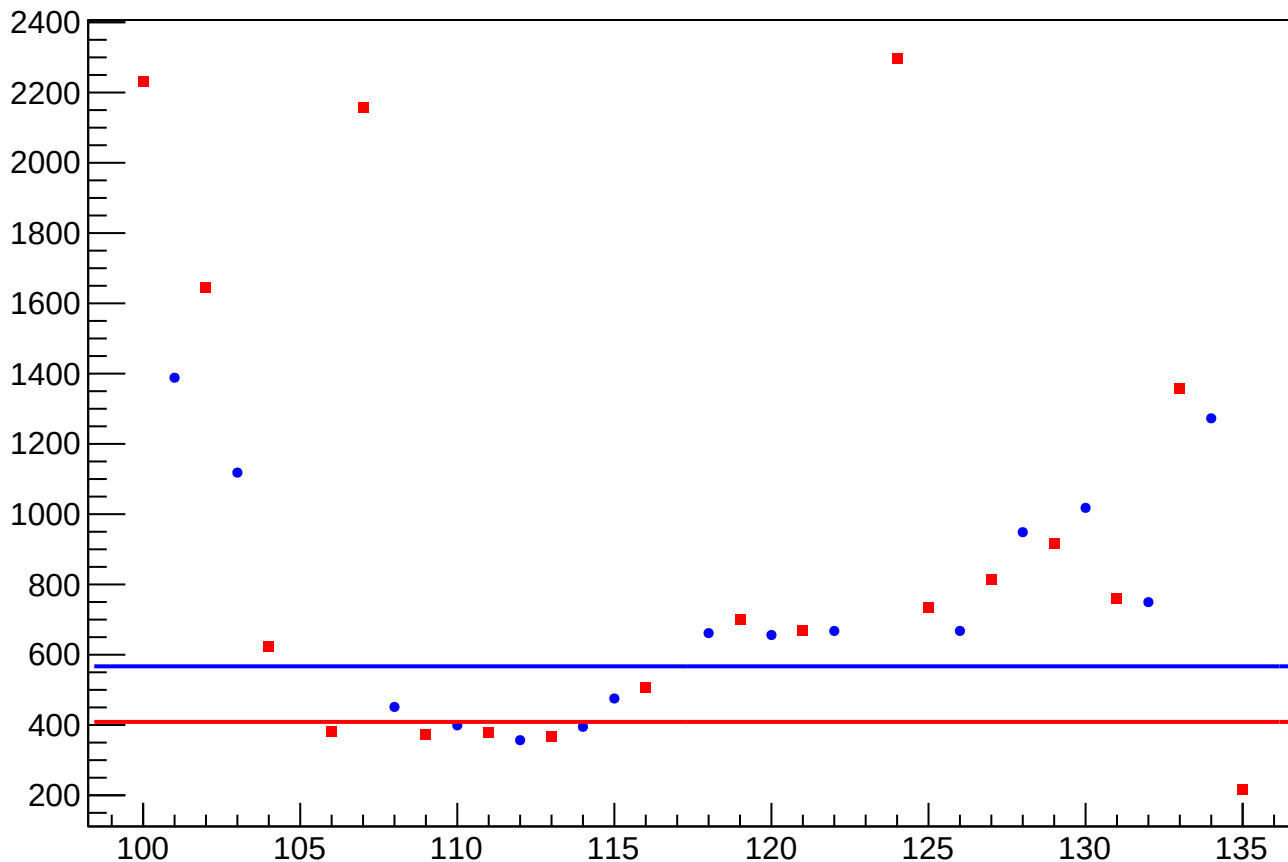
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.117+/-146.714 χ^2/NDF : 27.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_cor_correction_rms vs Slug



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

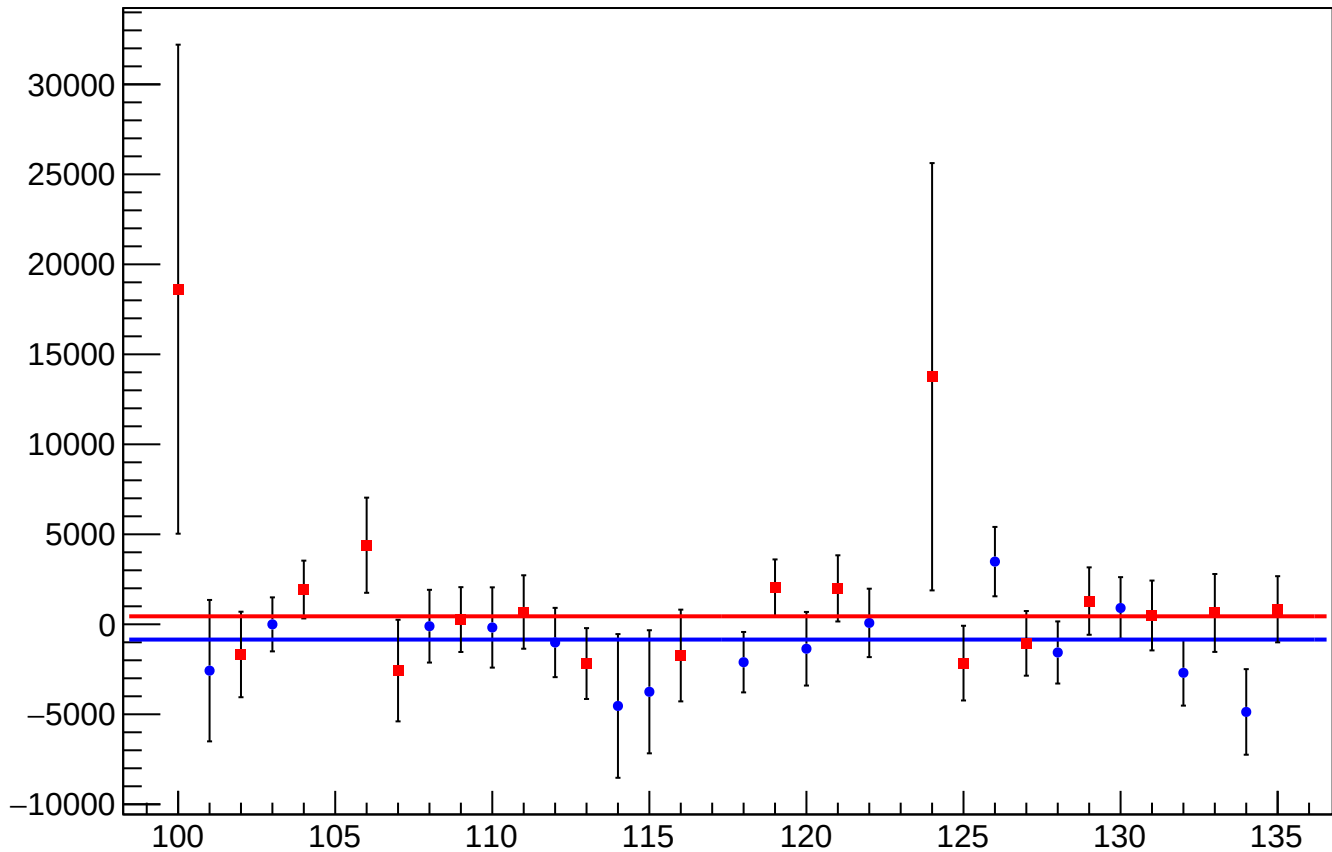
Right Out: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

All: 464.115+/-0.104 χ^2/NDF : 6285883.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.872+/-493.581 χ^2/NDF : 14.8/17

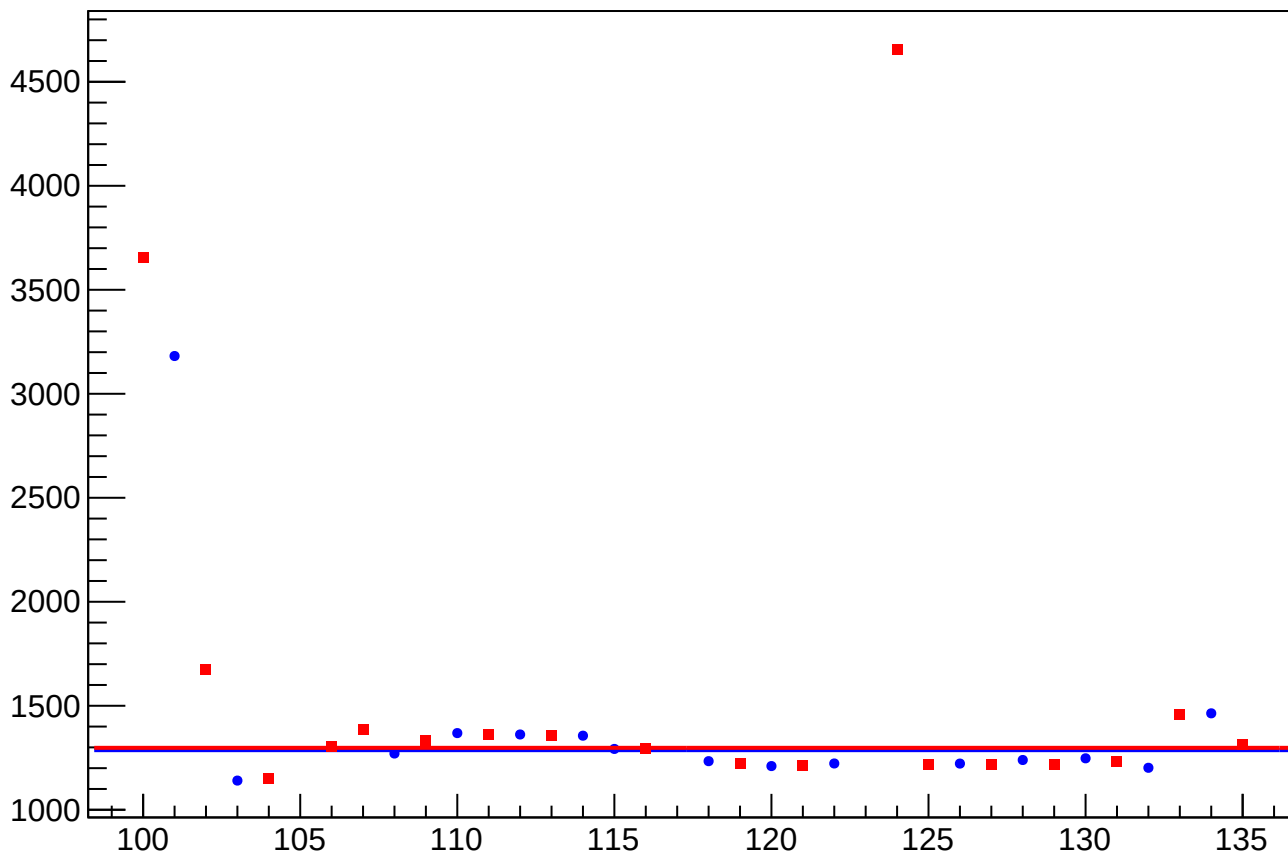
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.773+/-358.704 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

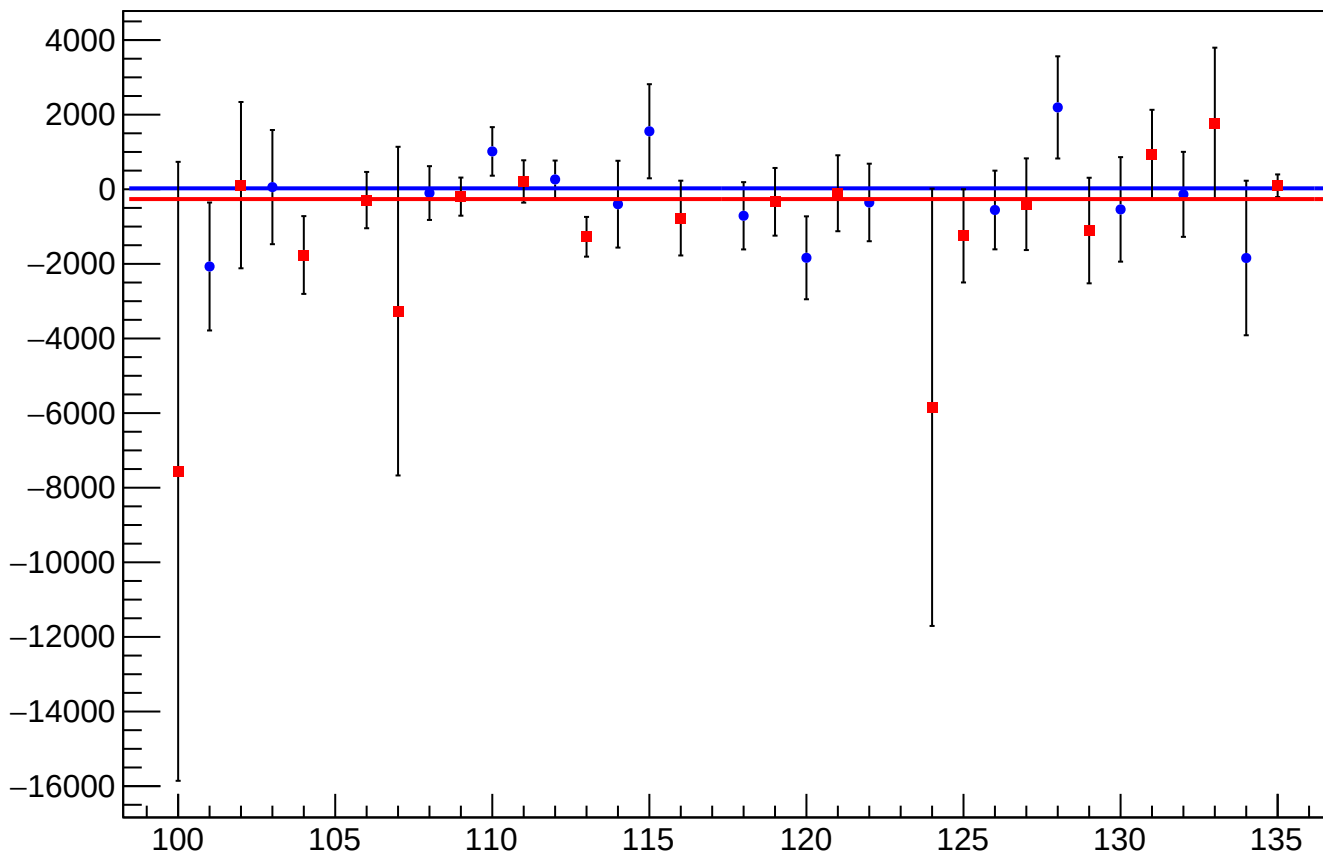
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.510+/-0.254 χ^2/NDF : 846296.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.805+/-181.924 χ^2/NDF : 13.2/17

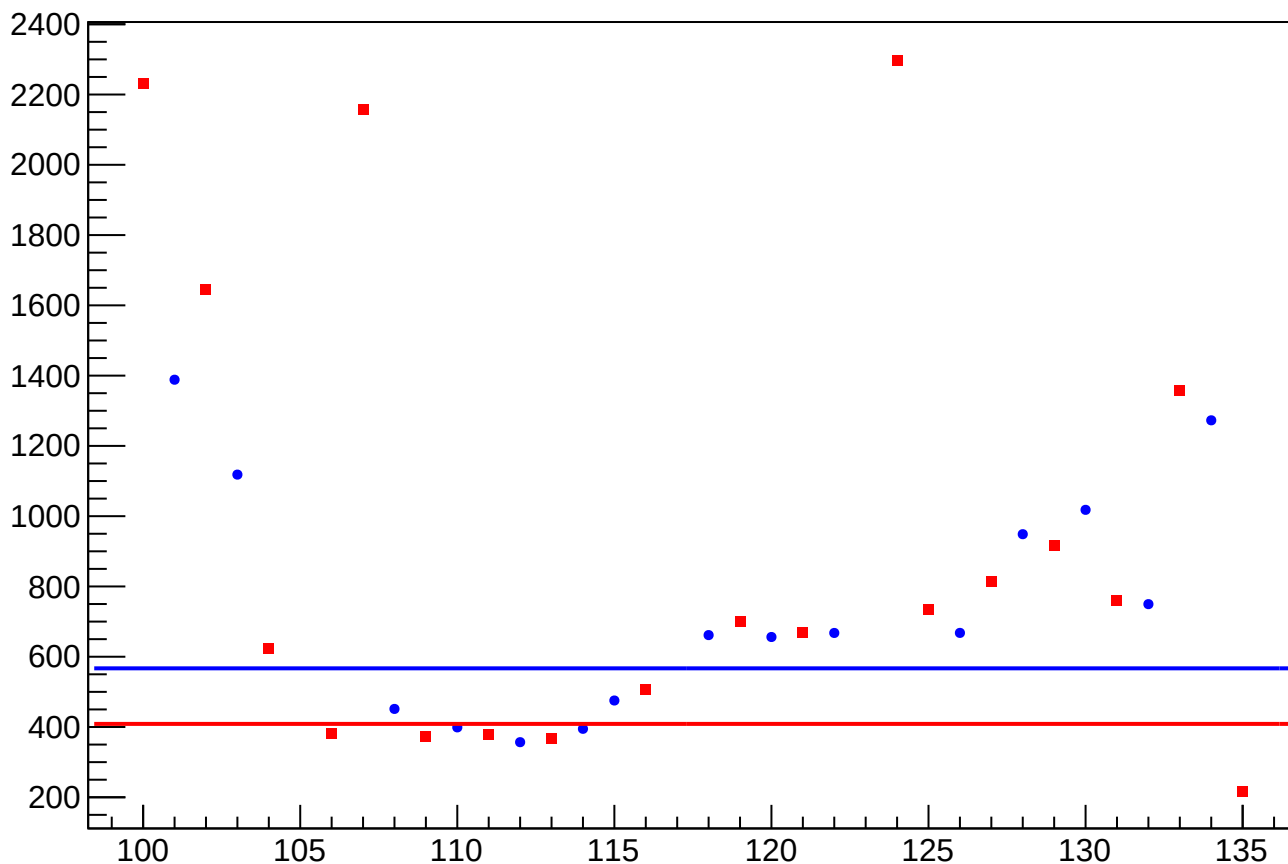
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.117+/-146.714 χ^2/NDF : 27.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

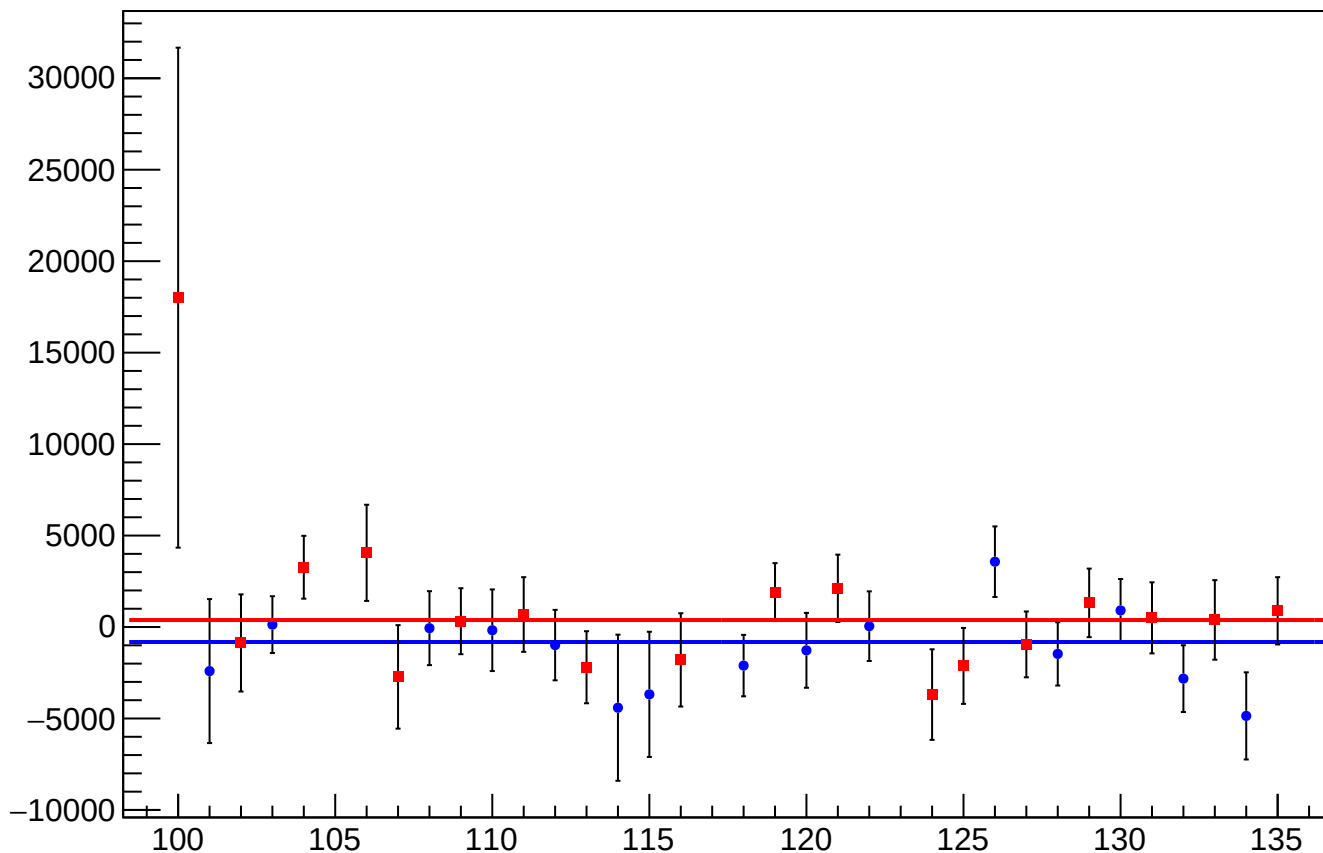
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.115+/-0.104 χ^2/NDF : 6285883.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -819.264+/-524.805 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 382.551+/-489.702 χ^2 /NDF: 17.2/17

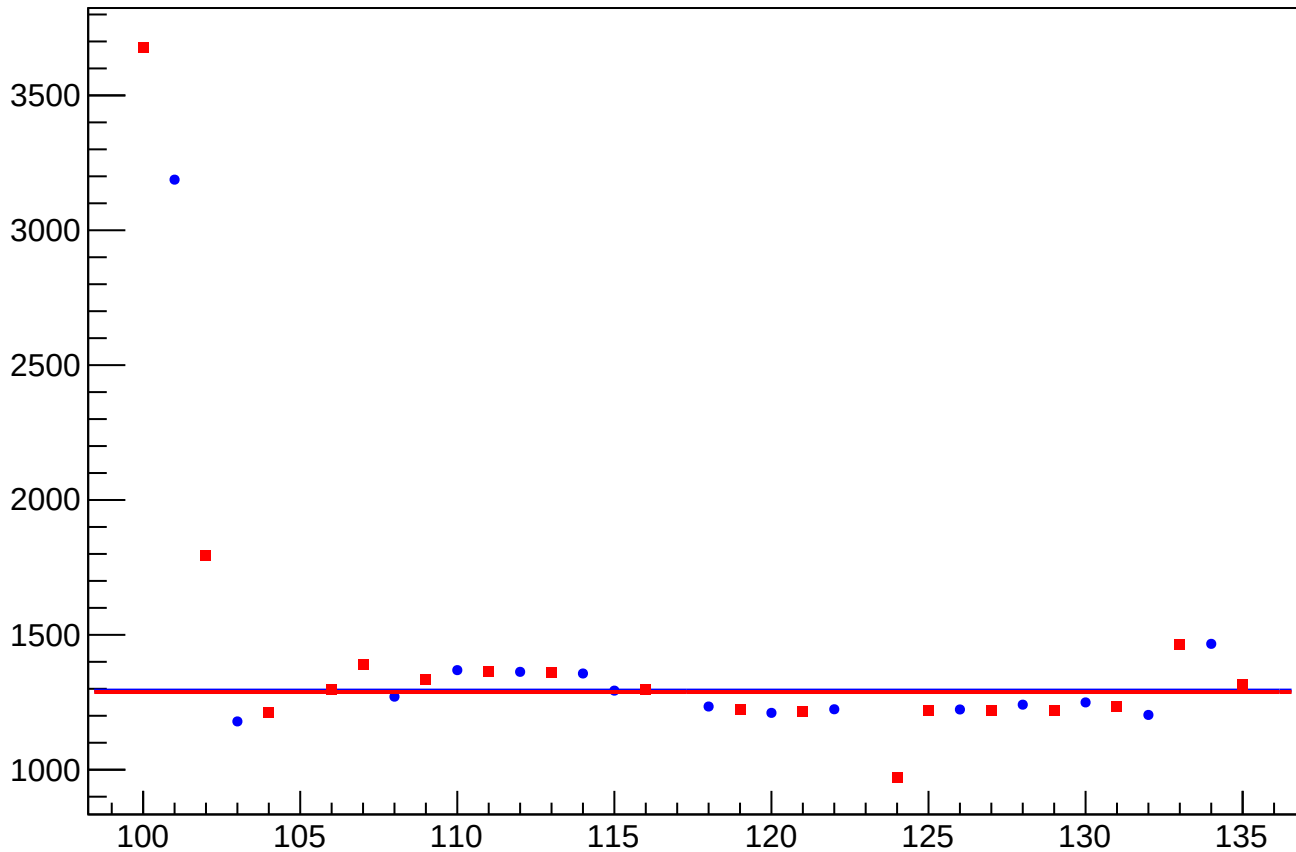
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -176.821+/-358.039 χ^2 /NDF: 33.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

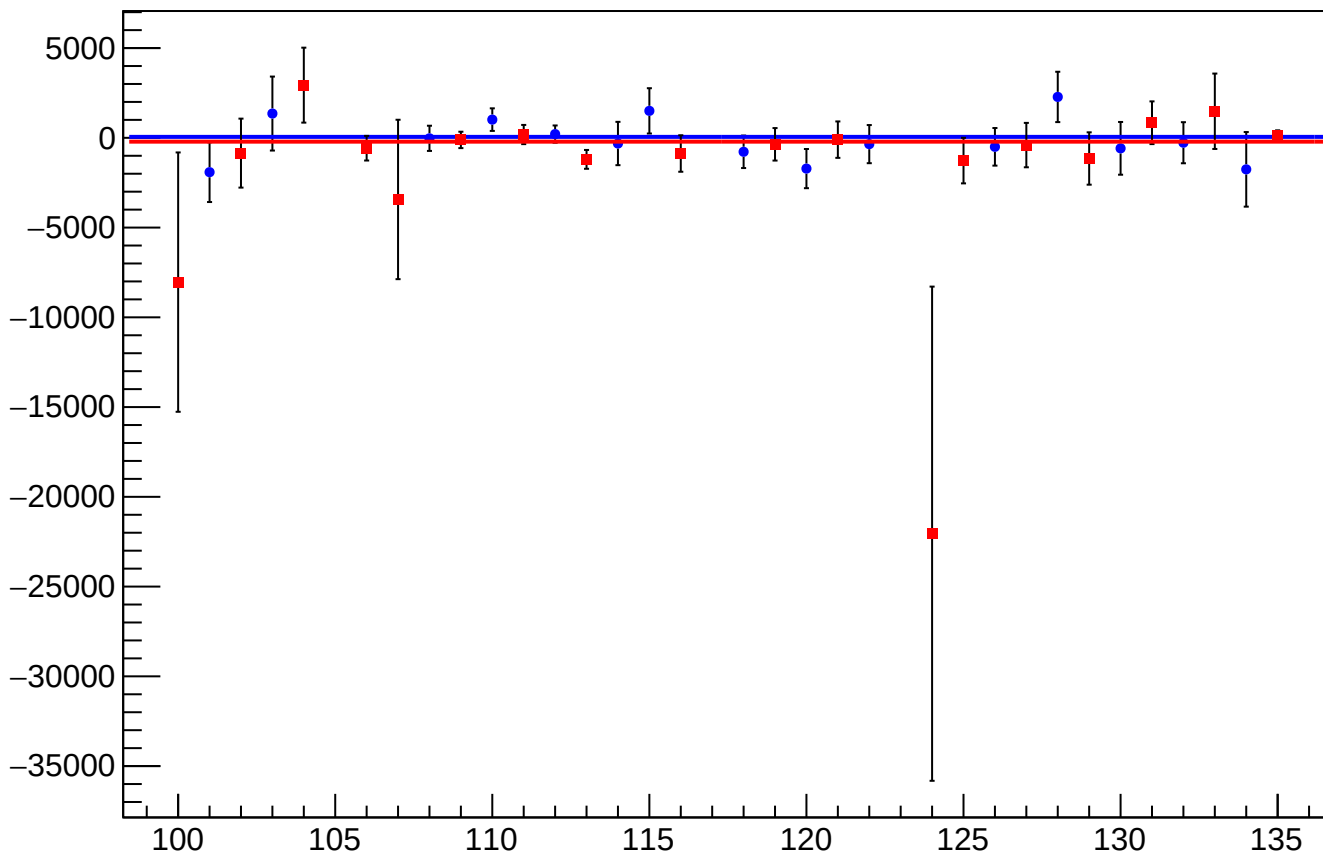
Right Out: 1288.104+/-0.346 χ^2/NDF : 209204.9/17

All: 1290.532+/-0.253 χ^2/NDF : 718624.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_mean vs Slug



Right In: 53.068+/-245.148 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -212.763+/-180.728 χ^2/NDF : 15.1/17

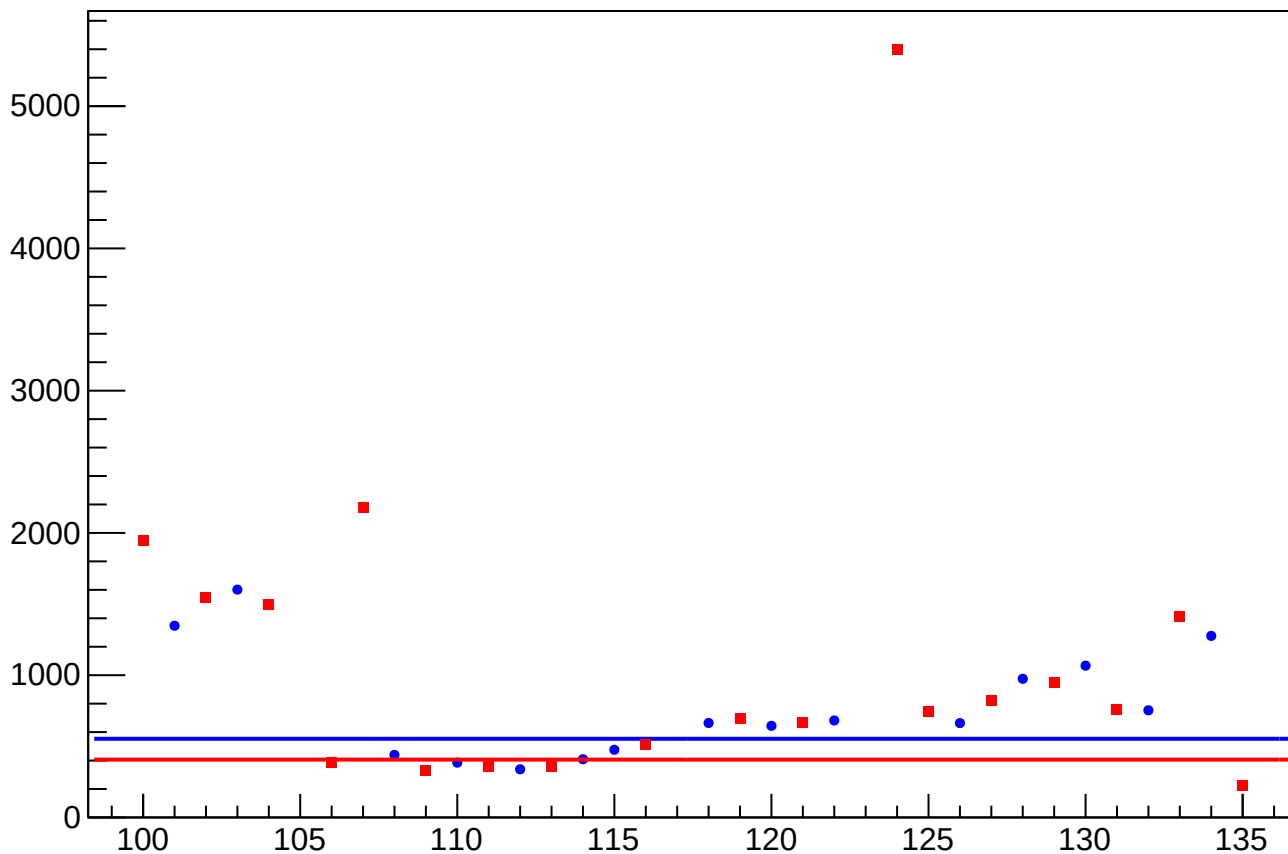
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -119.159+/-145.470 χ^2/NDF : 28.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_correction_rms vs Slug



Right In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.612+/-0.128 χ^2/NDF : 4311380.6/17

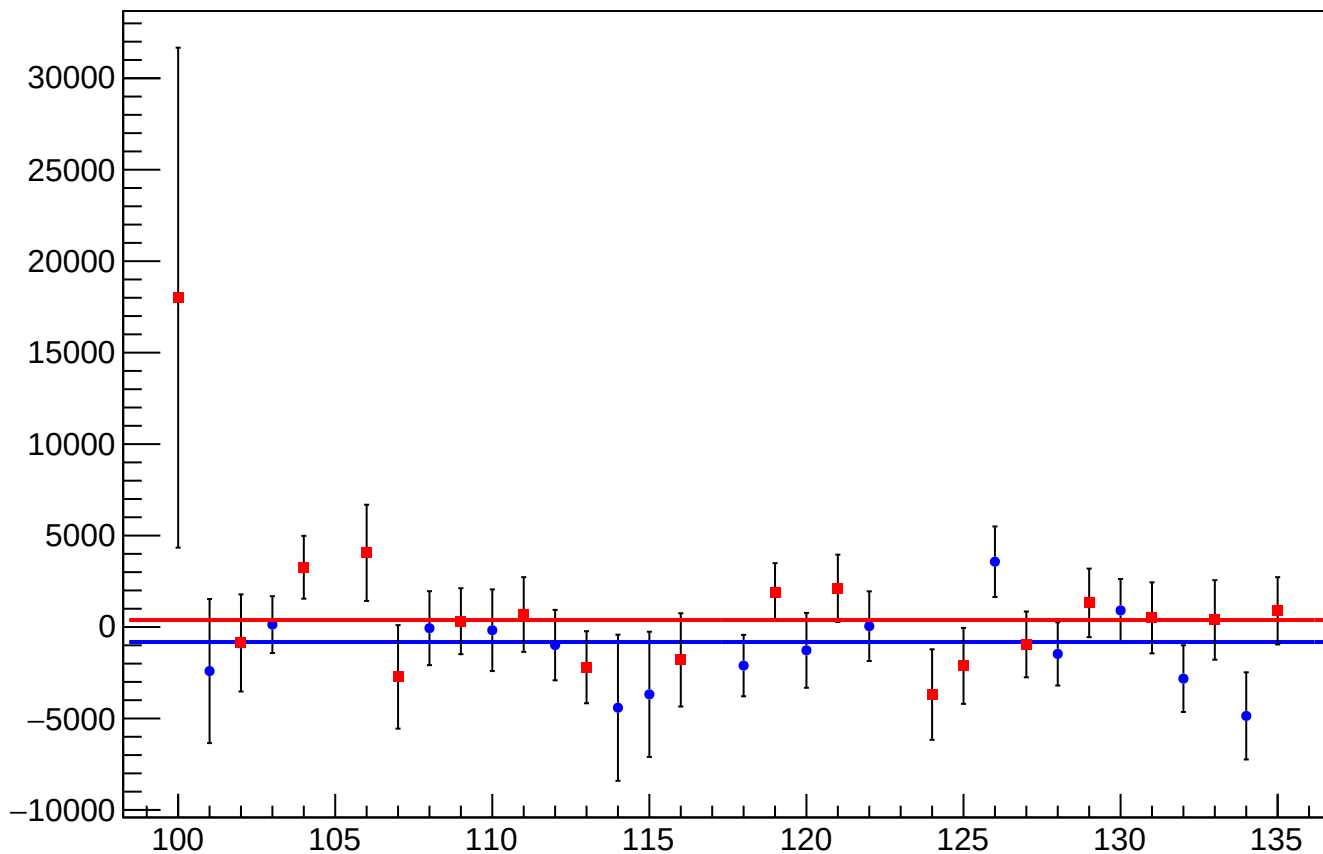
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.179+/-0.103 χ^2/NDF : 7202133.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -819.261+/-524.805 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.553+/-489.702 χ^2/NDF : 17.2/17

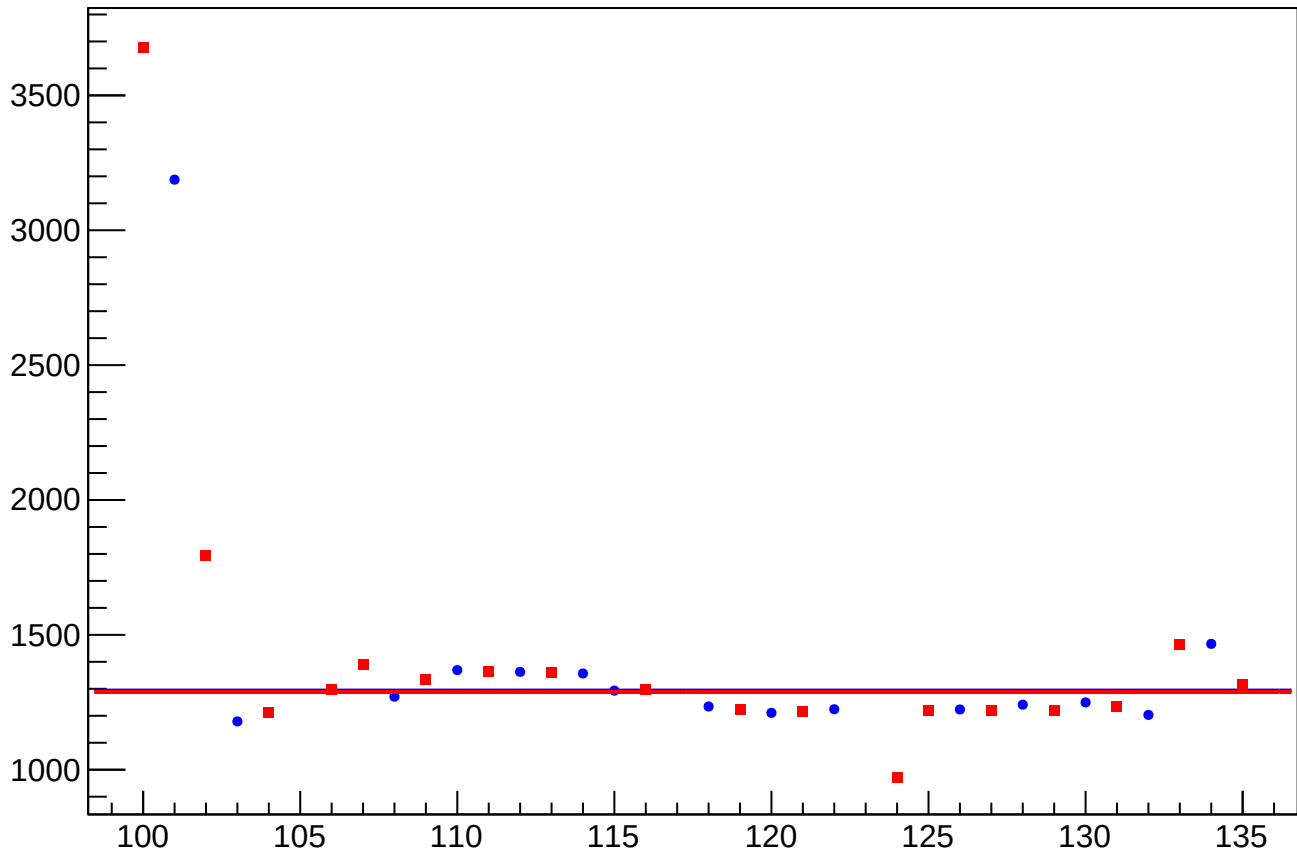
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.819+/-358.039 χ^2/NDF : 33.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

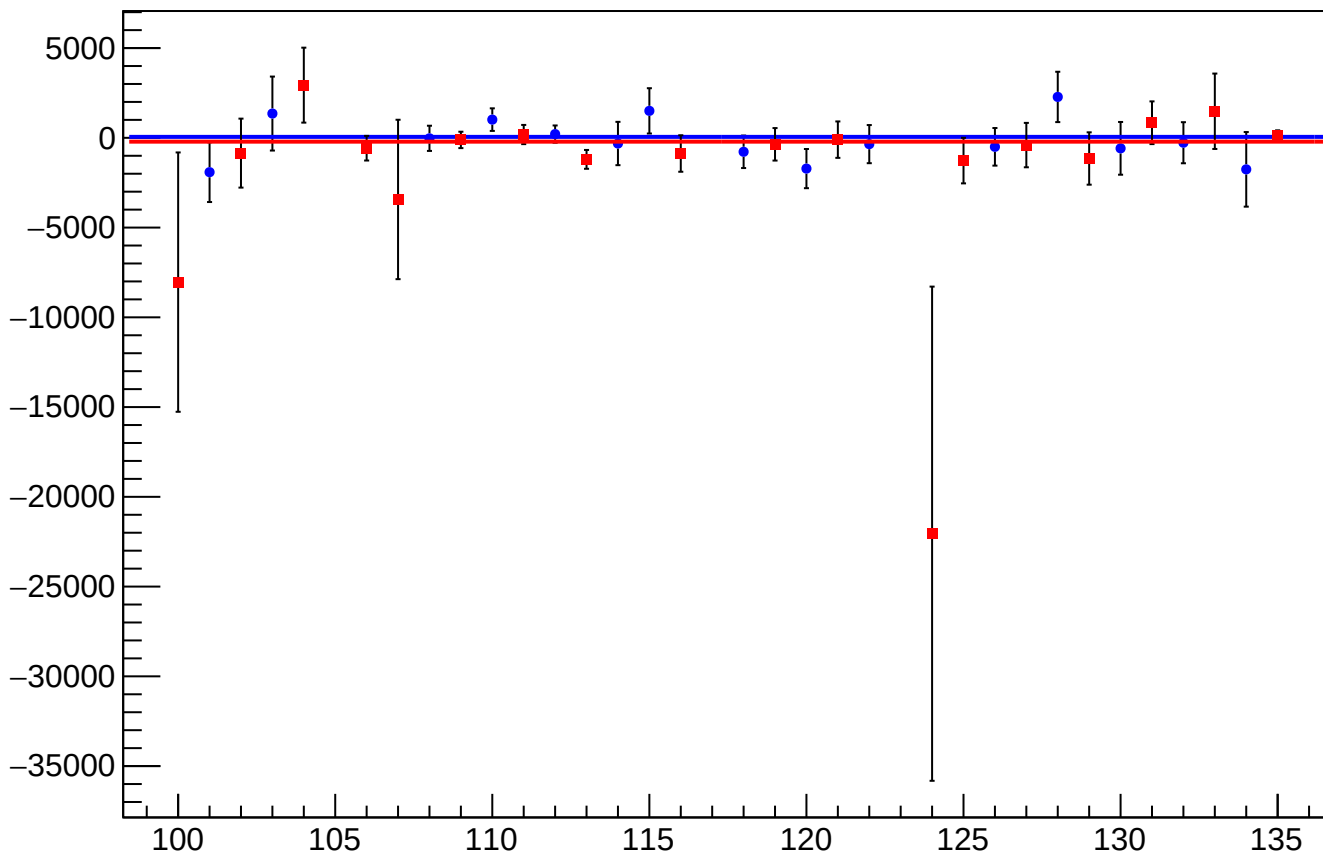
Right Out: 1288.104+/-0.346 χ^2/NDF : 209205.2/17

All: 1290.532+/-0.253 χ^2/NDF : 718625.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 53.068 $\pm$ 245.146 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -212.765 $\pm$ 180.730 χ^2 /NDF: 15.1/17

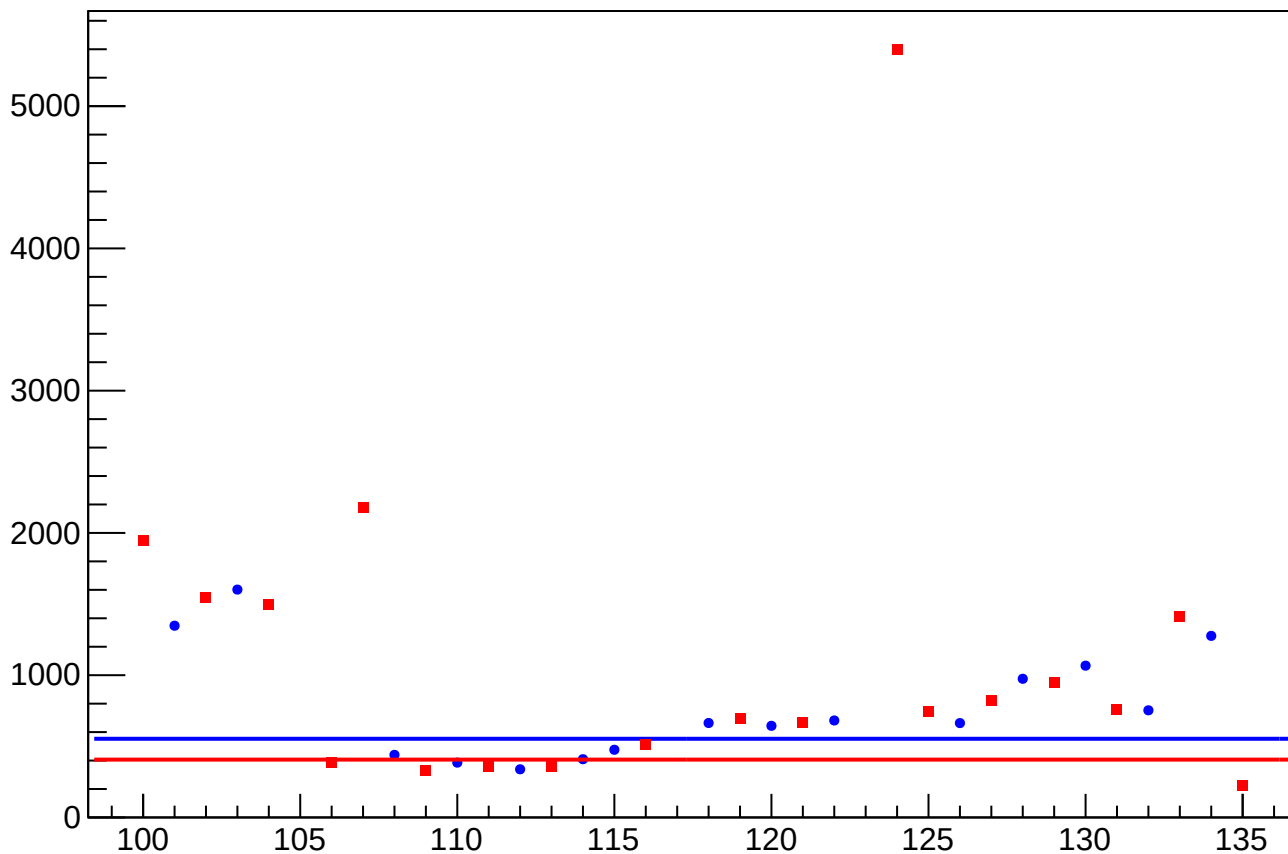
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -119.158 $\pm$ 145.470 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 553.057+/-0.173 χ^2/NDF : 2428338.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

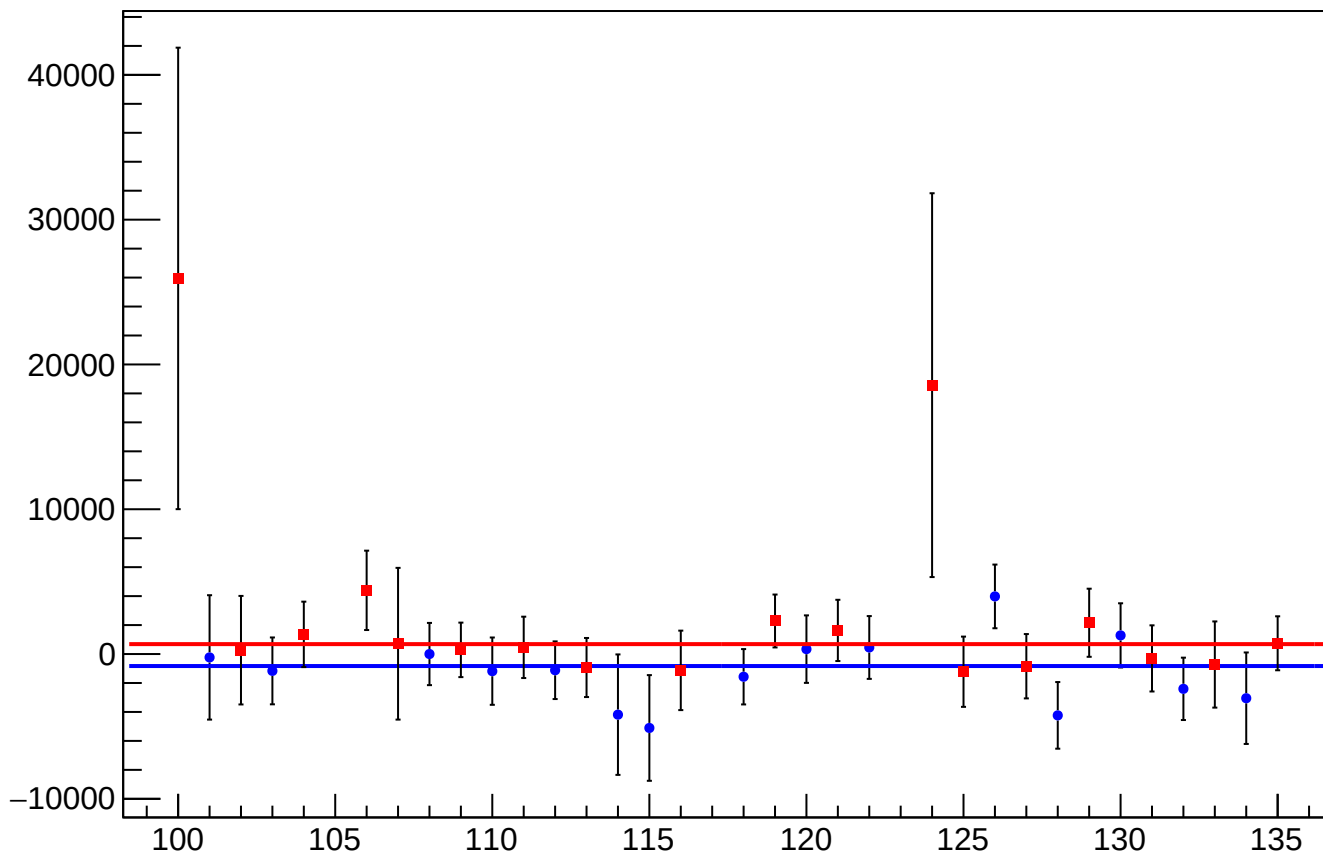
Right Out: 406.618+/-0.128 χ^2/NDF : 4311261.4/17

All: 458.183+/-0.103 χ^2/NDF : 7201958.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_mean vs Slug



Right In: -829.058+/-618.557 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.670+/-578.002 χ^2/NDF : 10.3/17

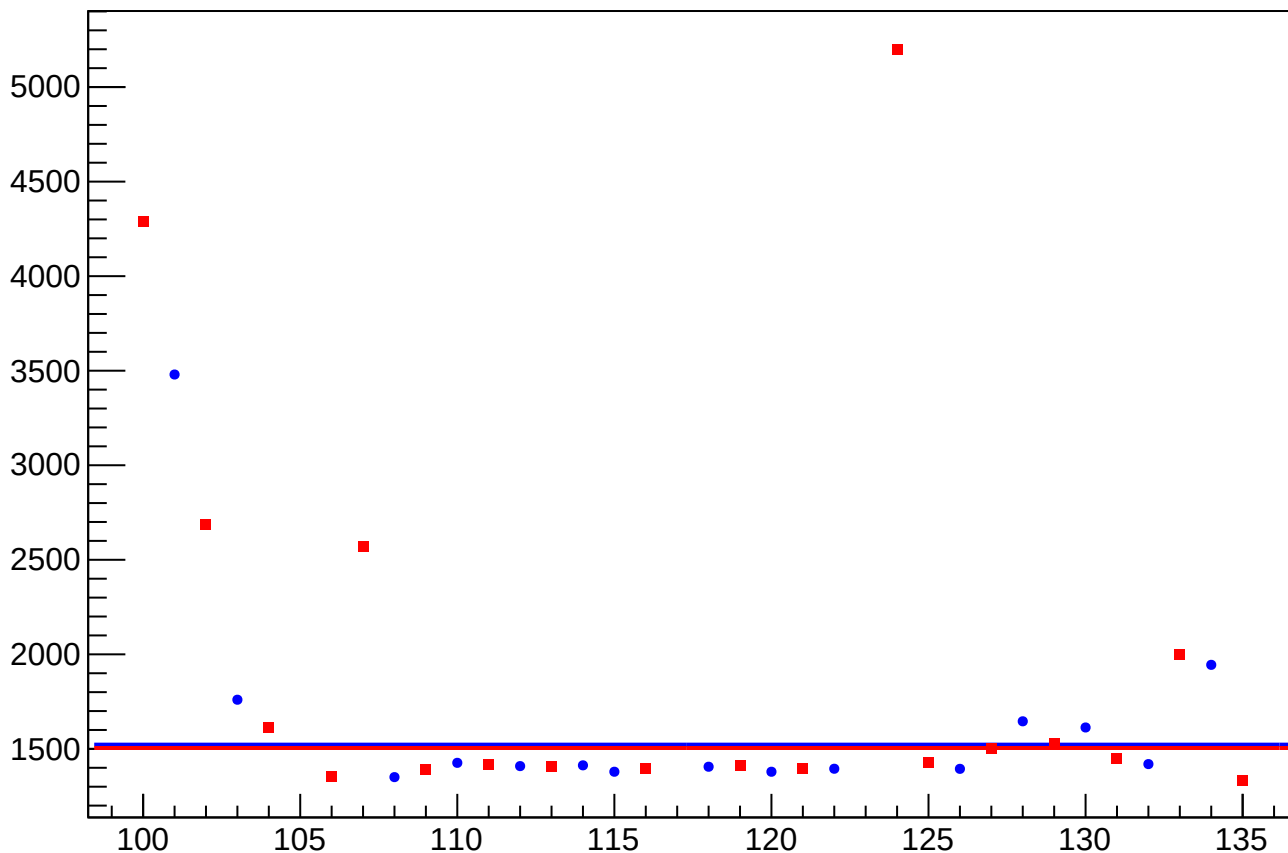
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.947+/-422.319 χ^2/NDF : 25.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_rms vs Slug



Right In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1504.717+/-0.409 χ^2/NDF : 613699.6/17

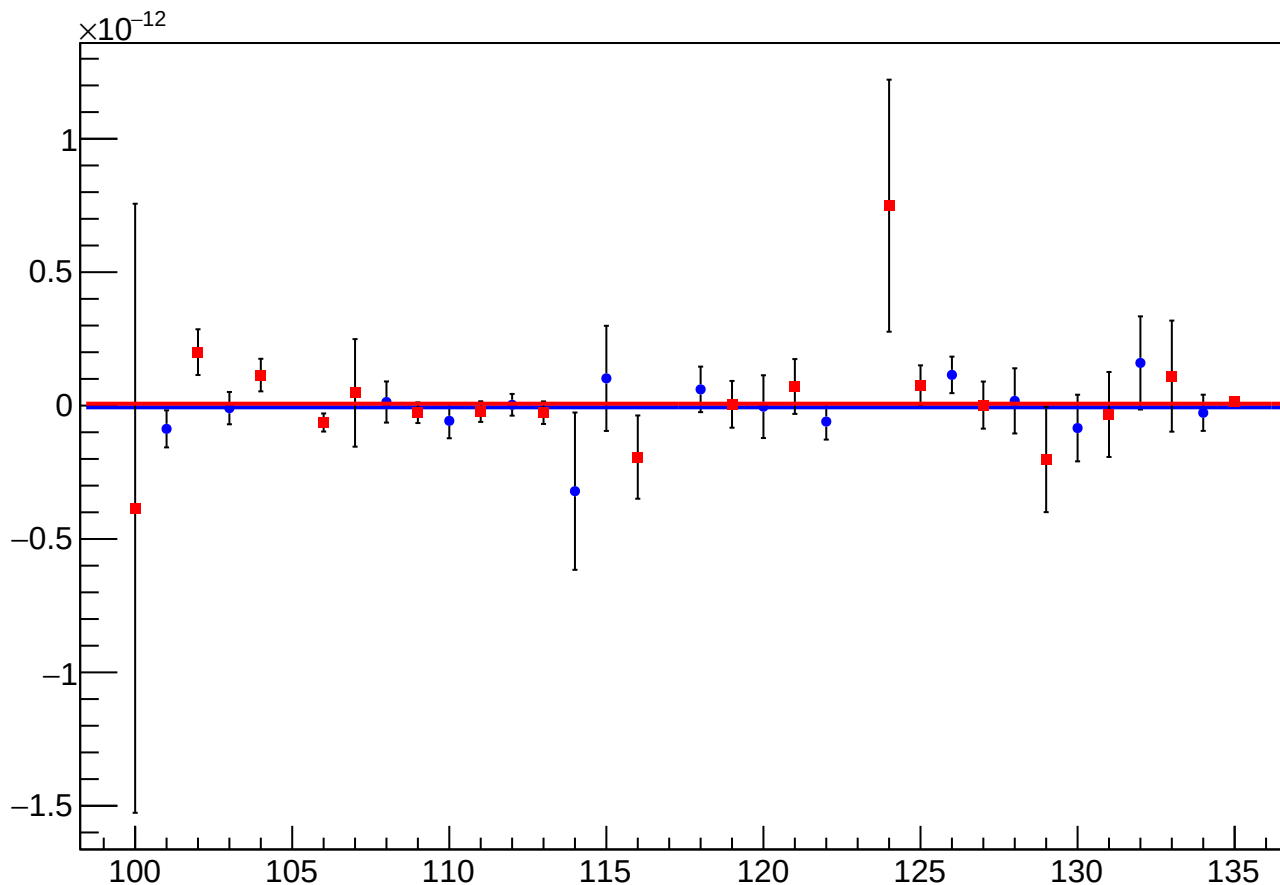
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1512.955+/-0.299 χ^2/NDF : 1156285.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/17

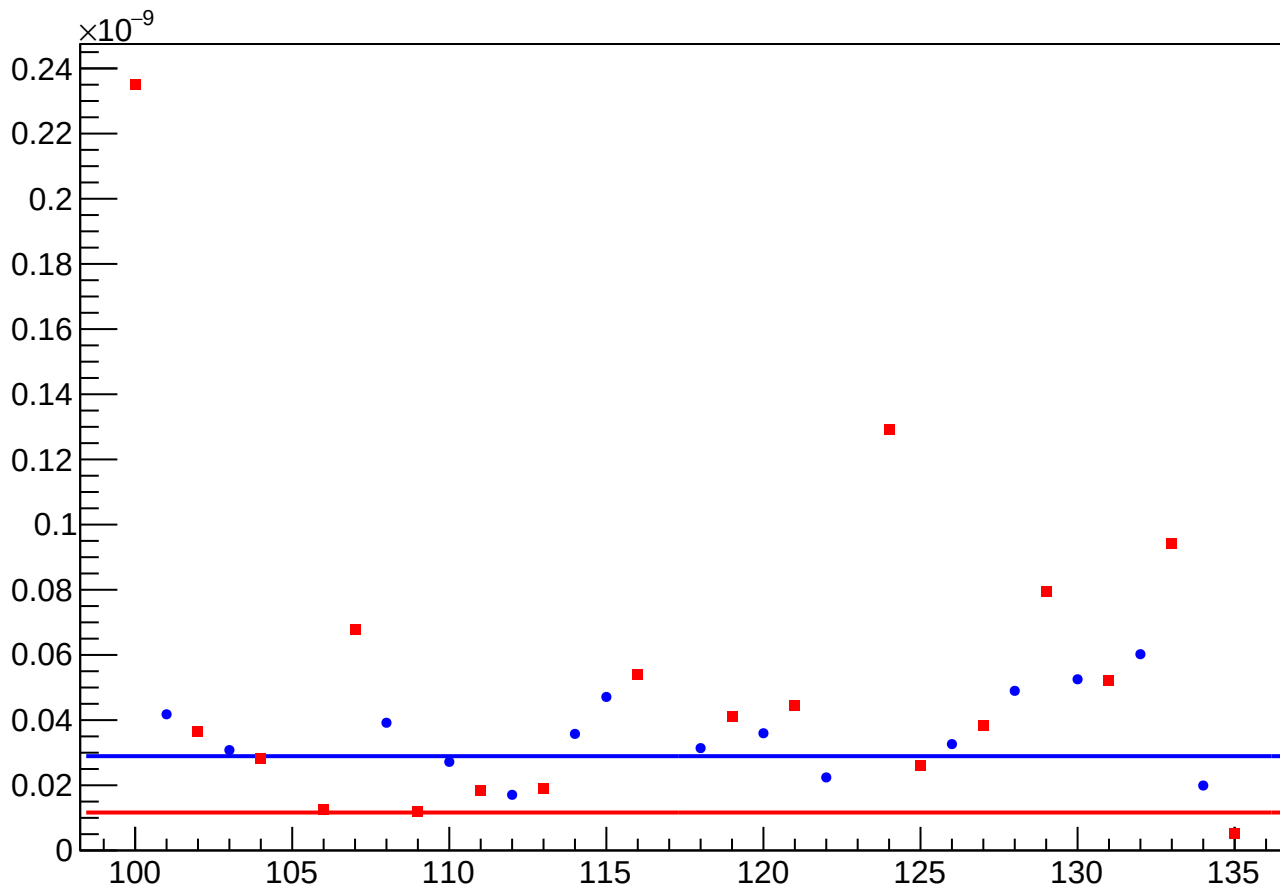
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 553468.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2816185.6/17

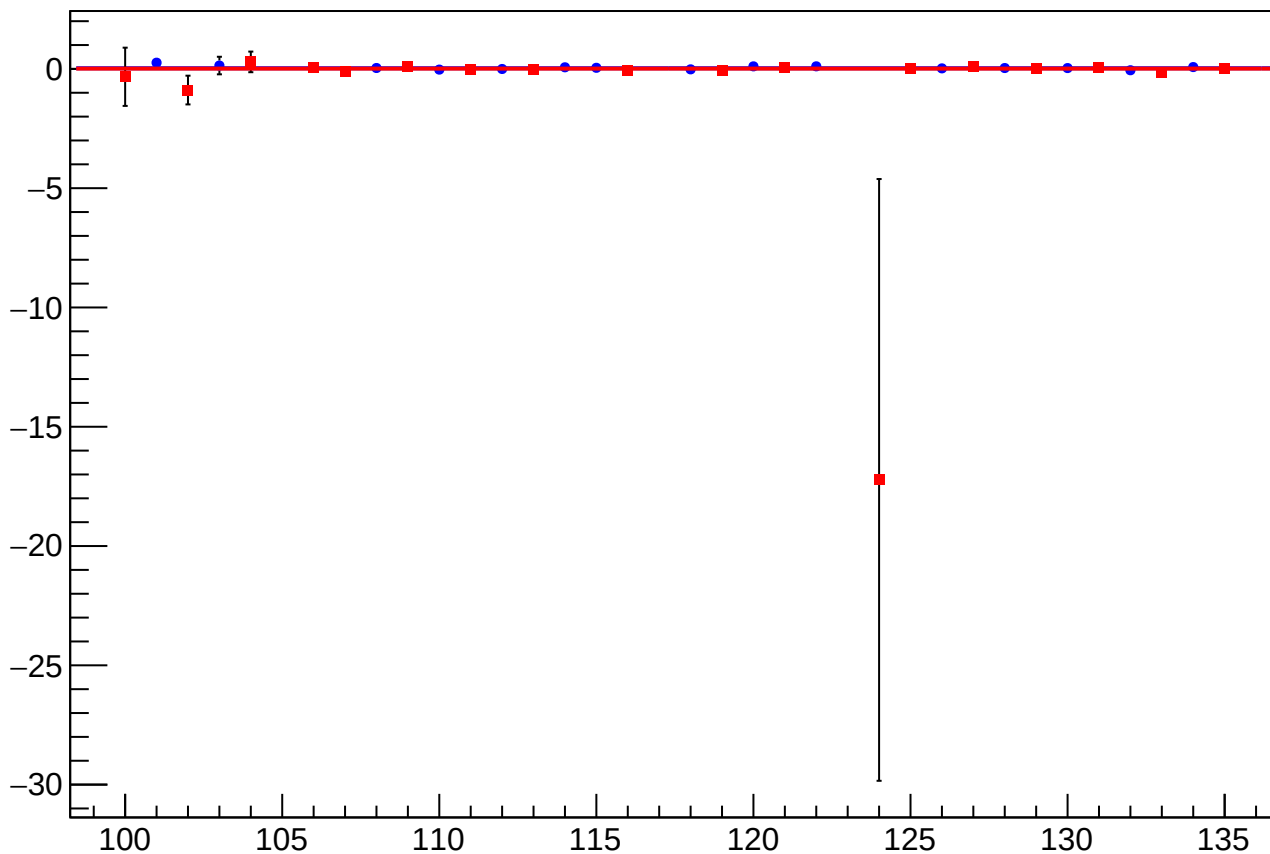
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4585048.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

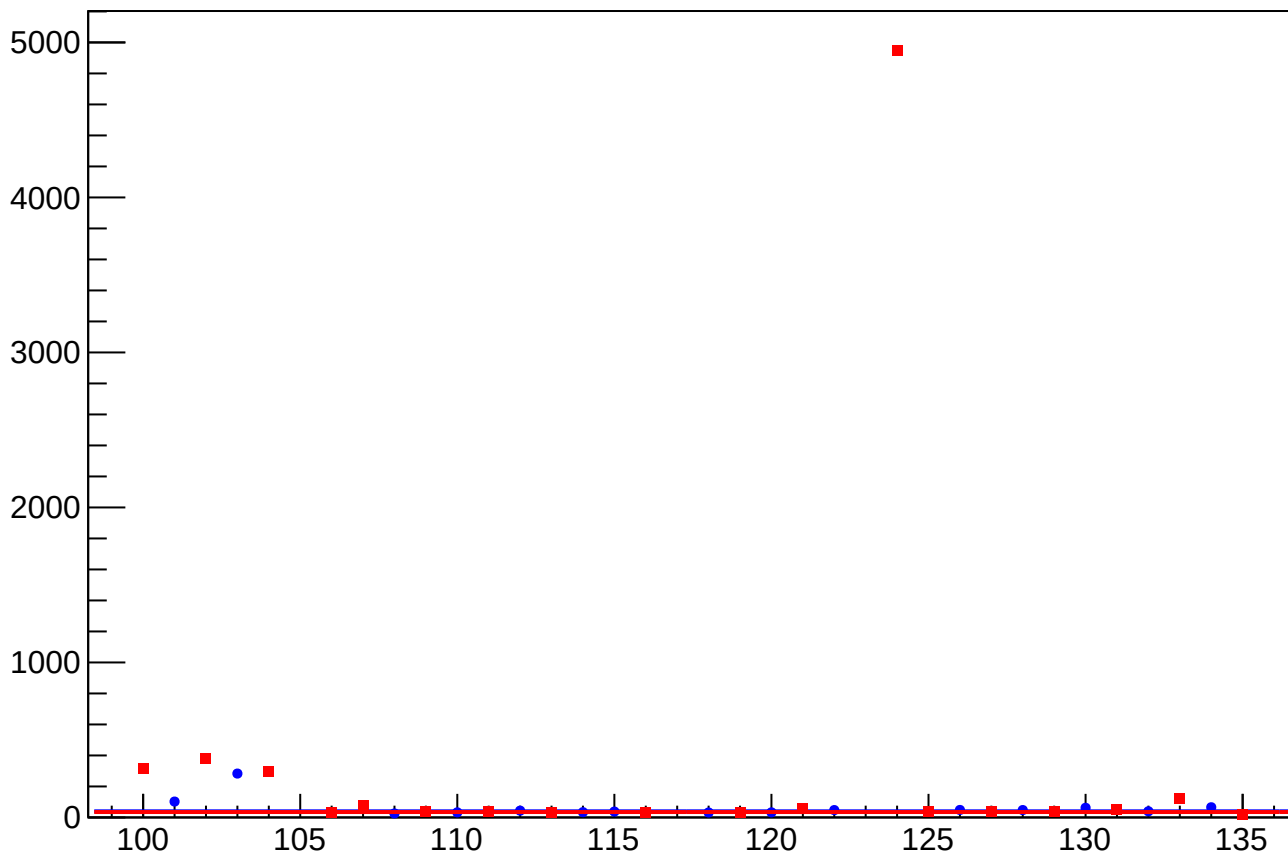
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym atl avg atr avg dd dit vs cor diff rms vs Slug



Right In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 35.026+/-0.011 χ^2/NDF : 2905561.0/17

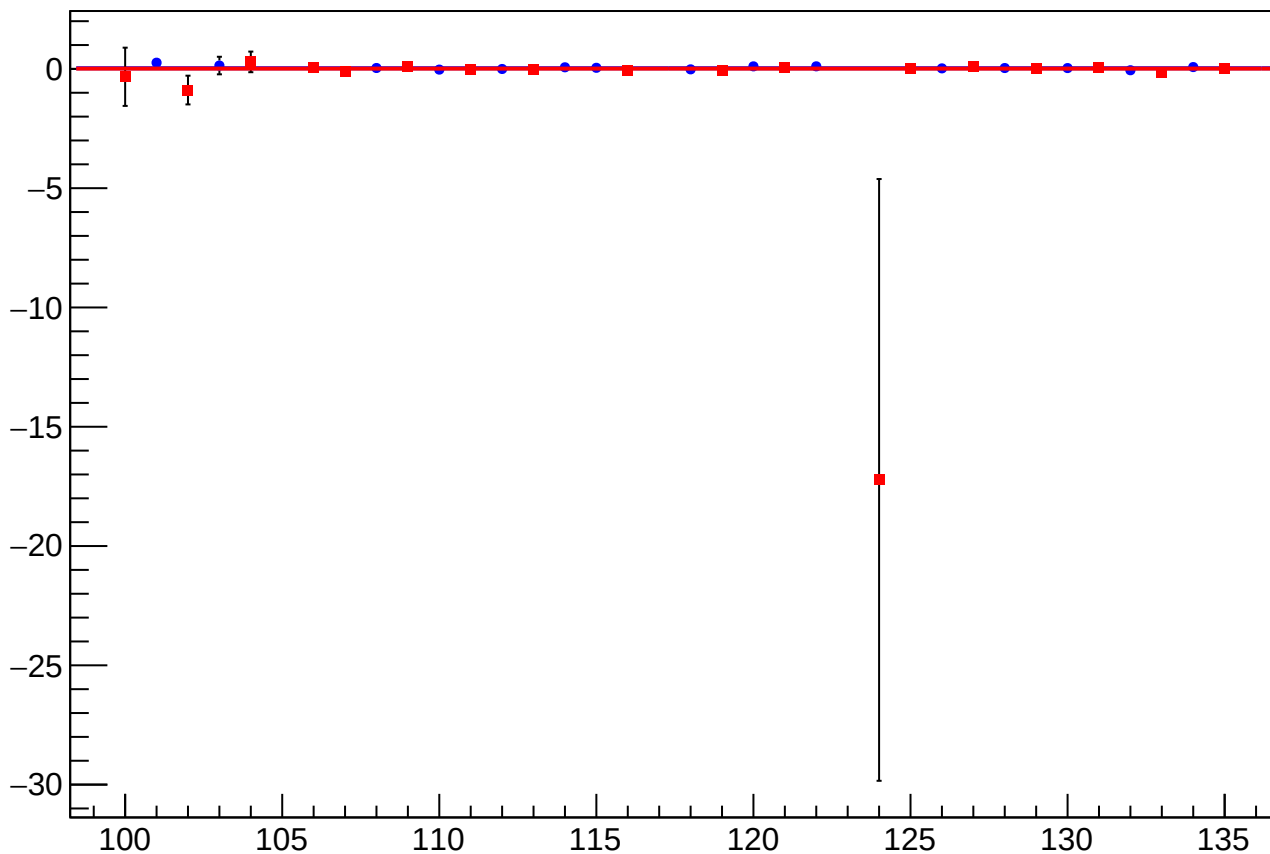
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.006 ± 0.008 χ^2/NDF : 4912718.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

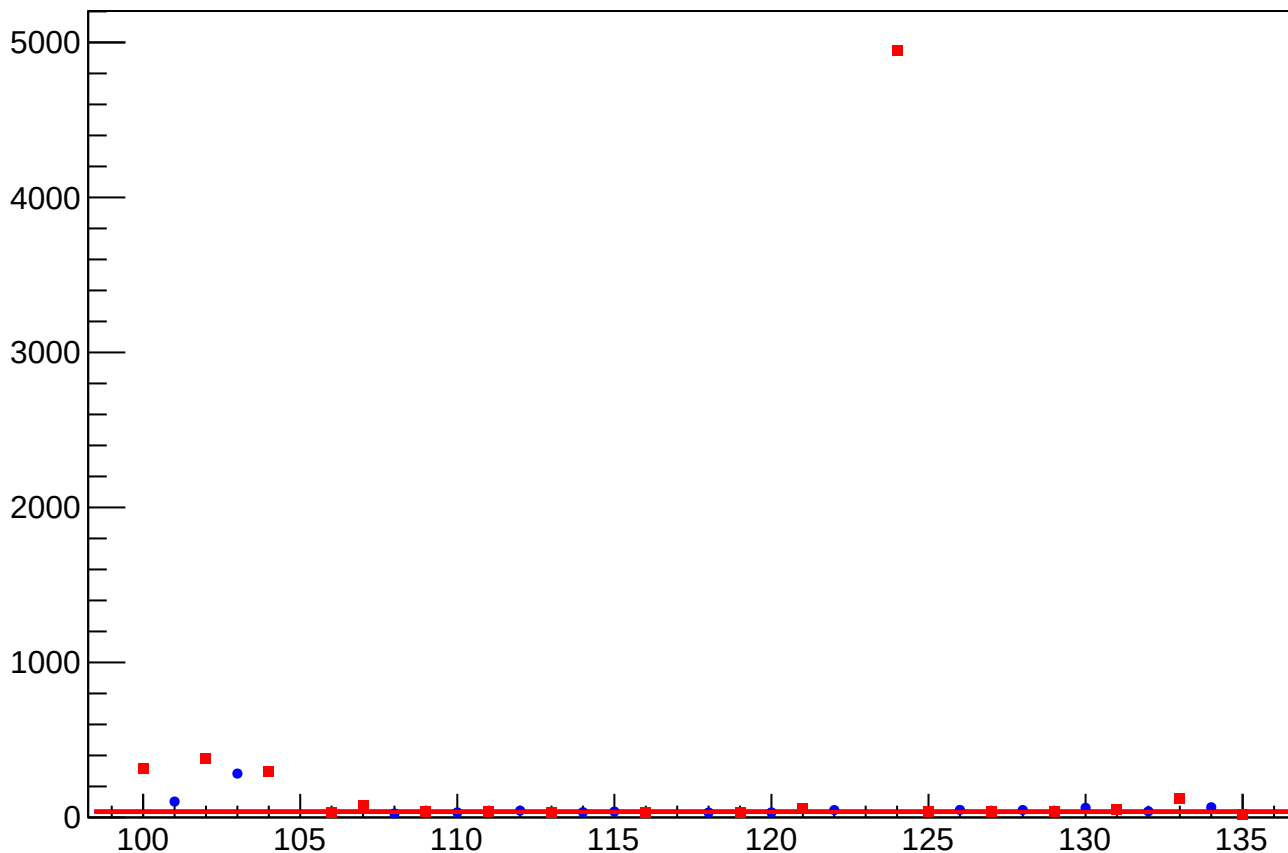
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.026+/-0.011 χ^2/NDF : 2905561.0/17

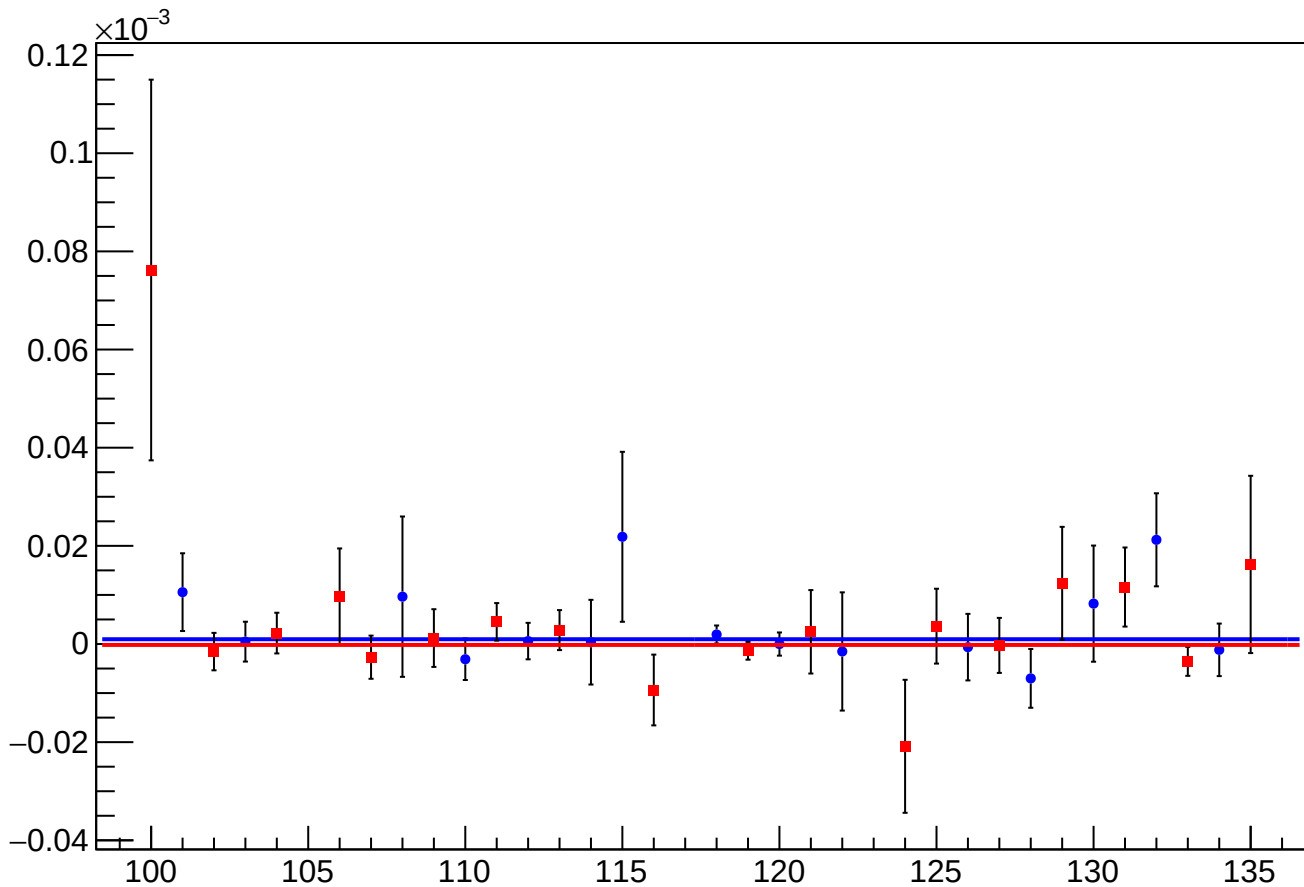
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.006+/-0.008 χ^2/NDF : 4912718.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.0/17

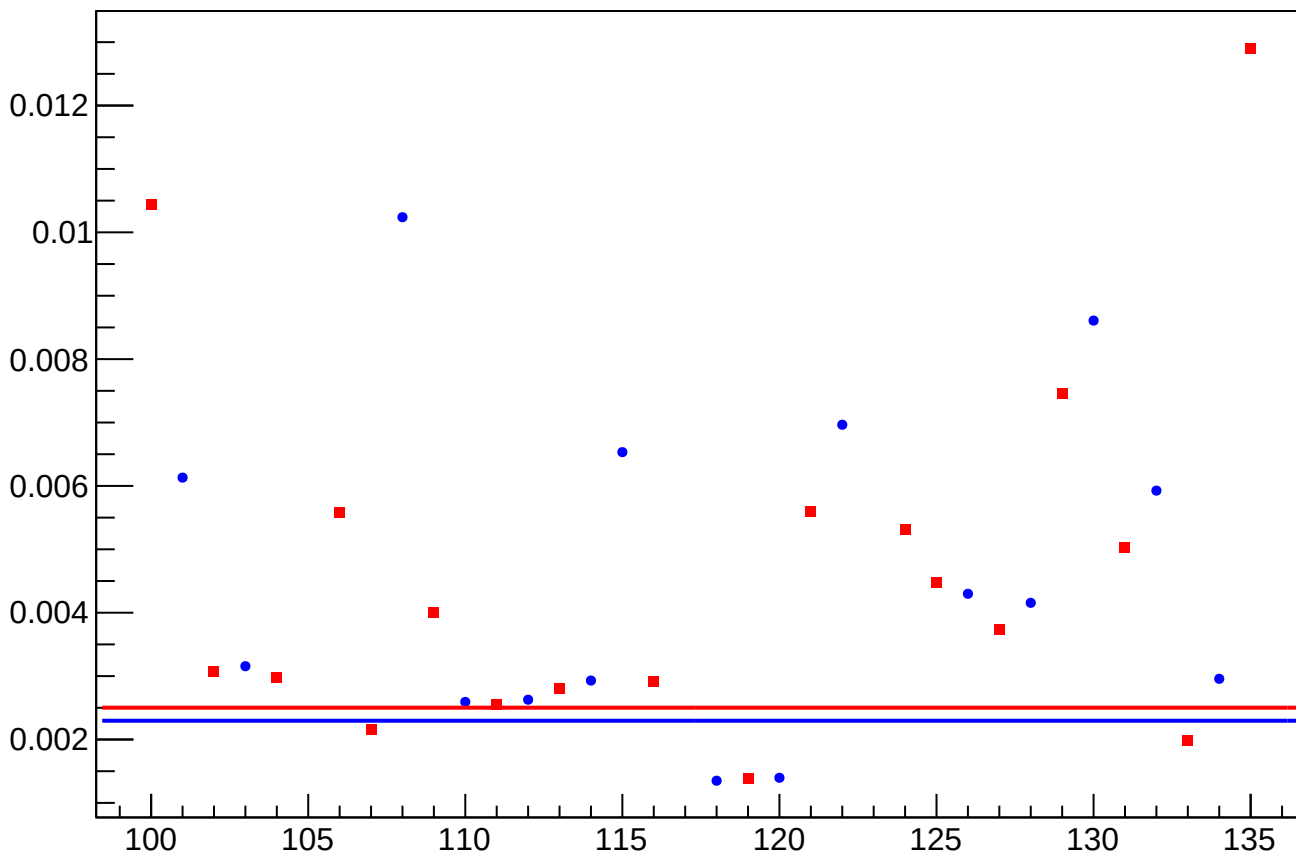
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3569831.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3146277.3/17

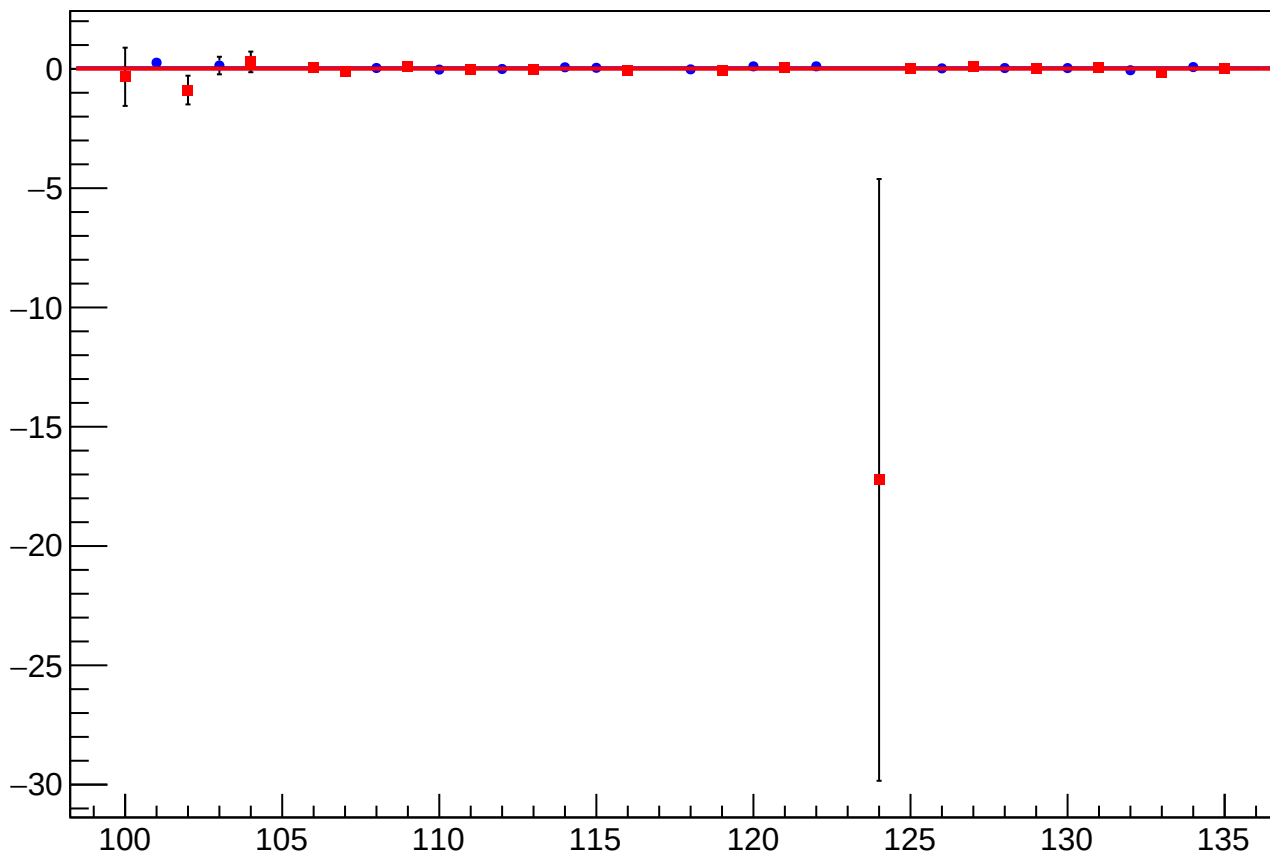
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6751960.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

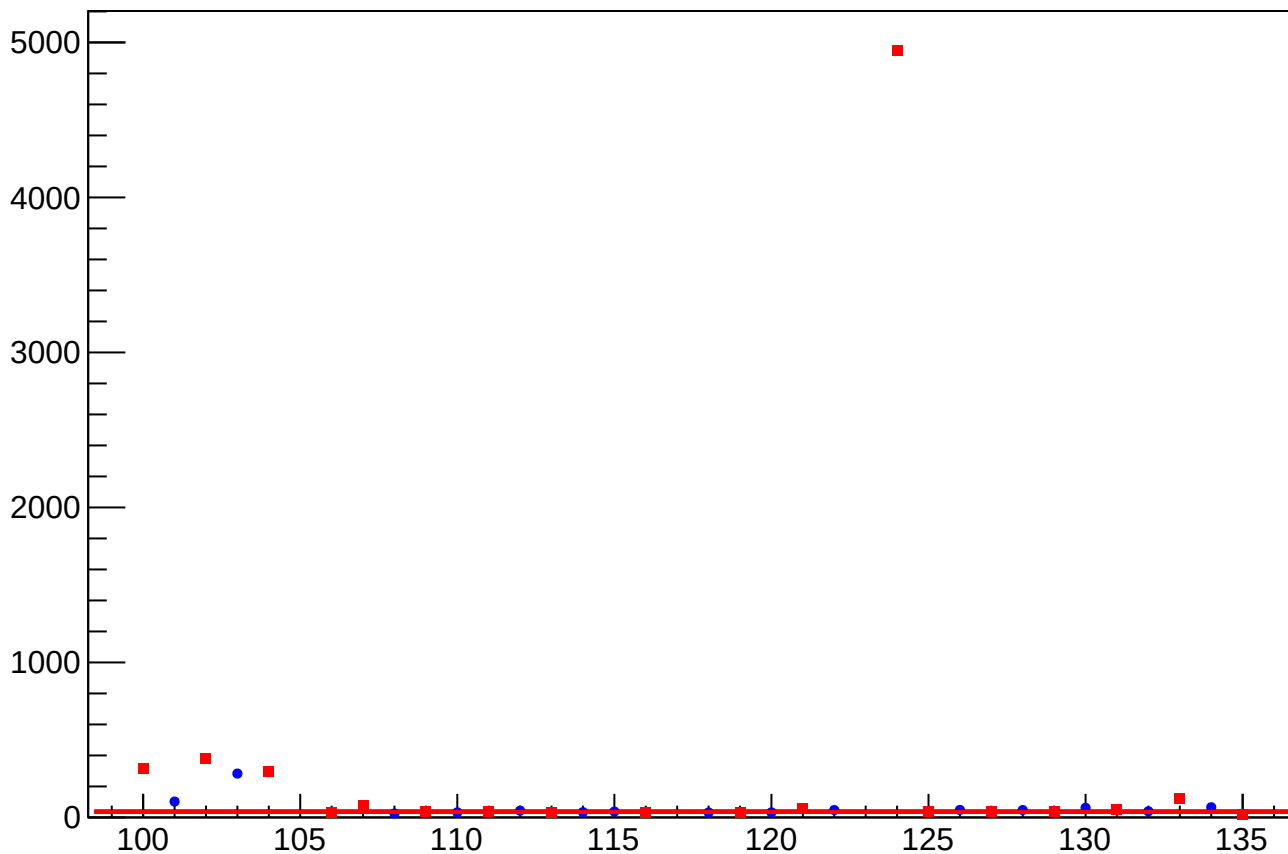
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.528 $\pm$ 0.013 $\chi^2/\text{NDF}: 1937436.9/14$

Left Out: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 35.027 $\pm$ 0.011 $\chi^2/\text{NDF}: 2905390.5/17$

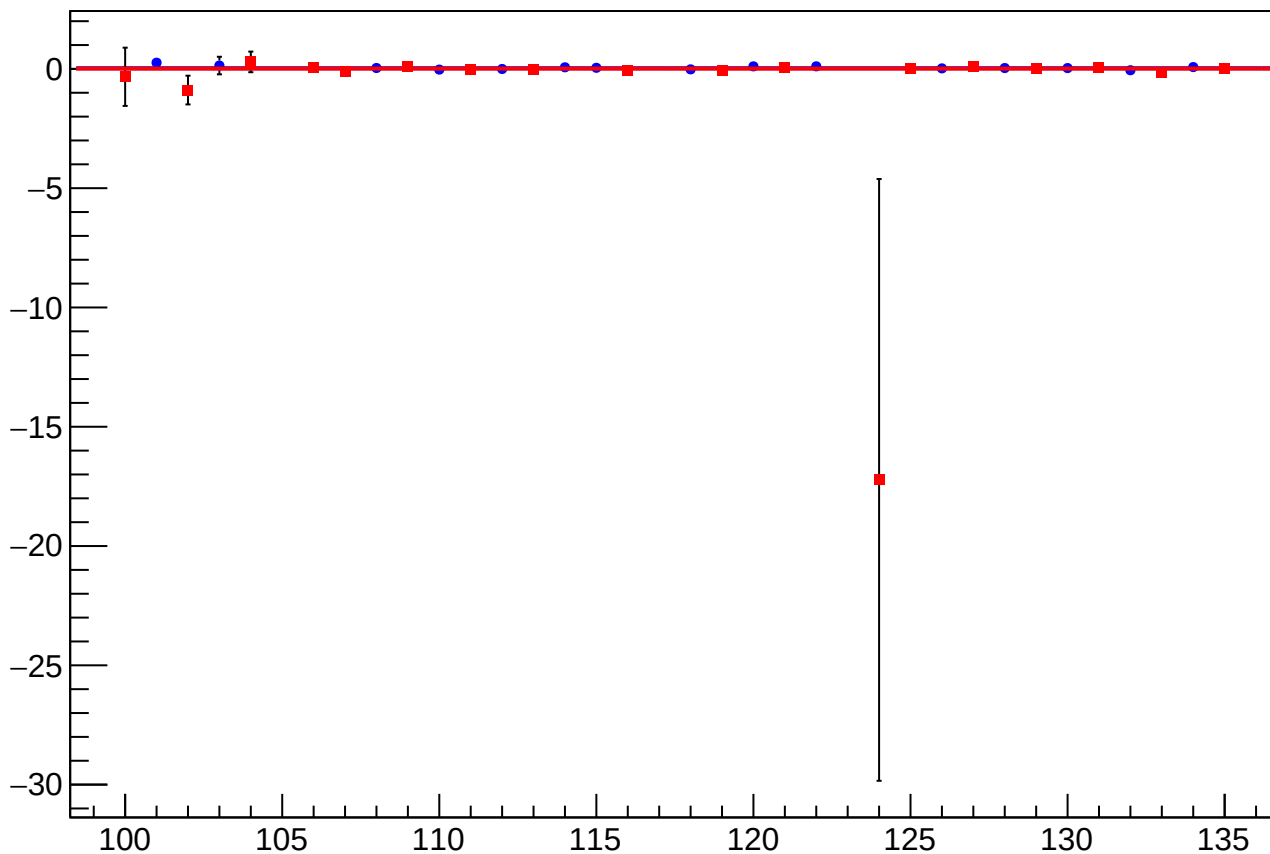
Left In: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 37.007 $\pm$ 0.008 $\chi^2/\text{NDF}: 4912388.1/32$

- sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 ± 0.018 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.012 ± 0.016 χ^2/NDF : 15.9/17

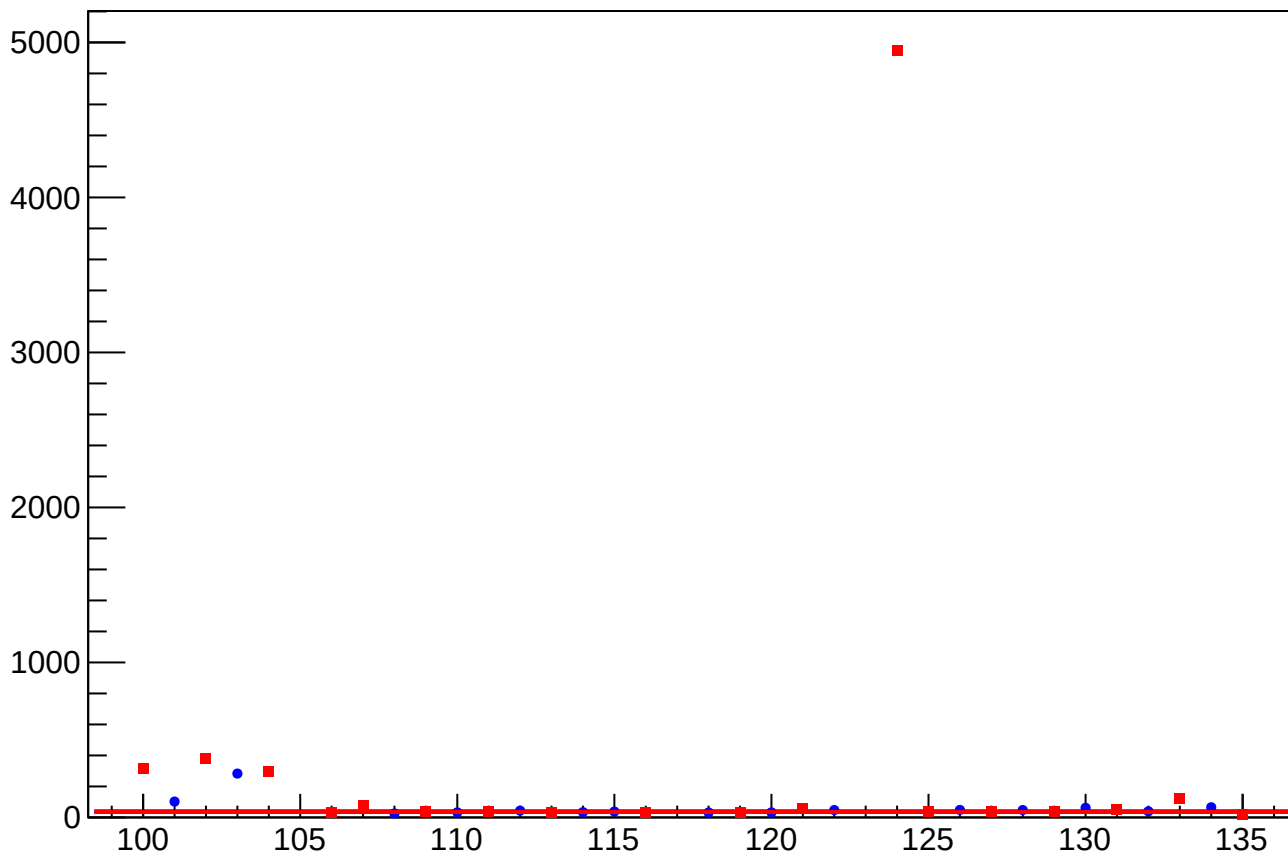
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.019 ± 0.012 χ^2/NDF : 26.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.528+/-0.013 χ^2/NDF : 1937436.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

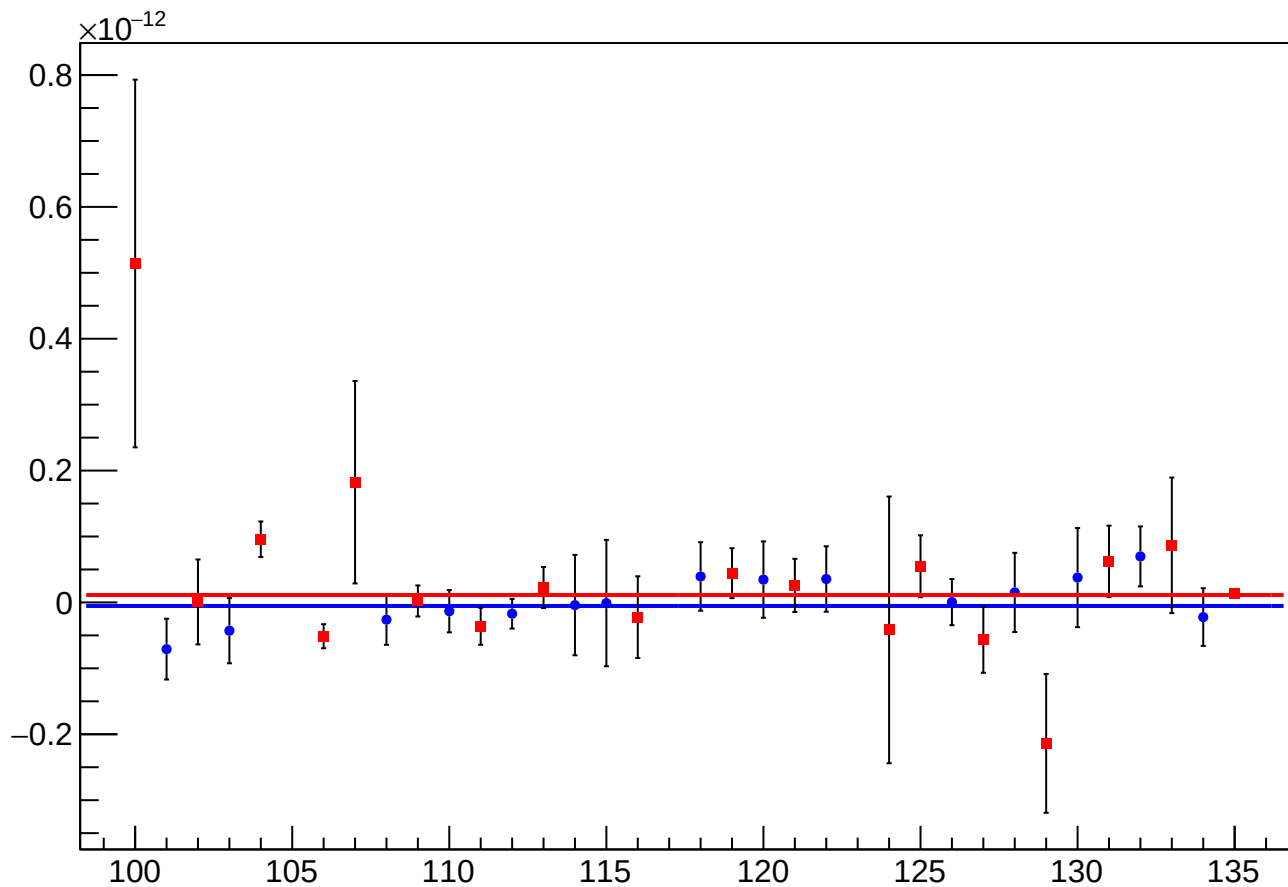
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.007+/-0.008 χ^2/NDF : 4912388.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 39.6/17

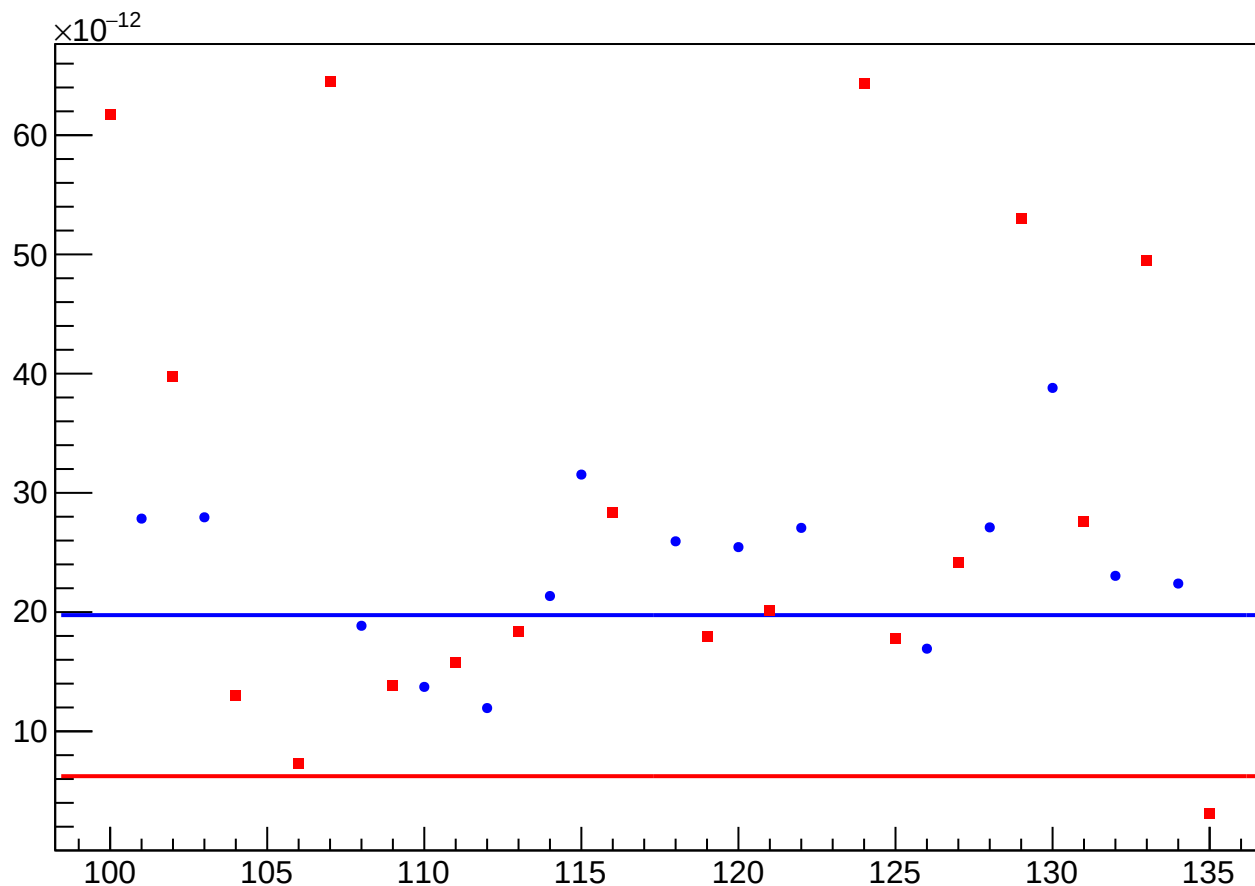
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 50.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_avg_atr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 737984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4789950.1/17

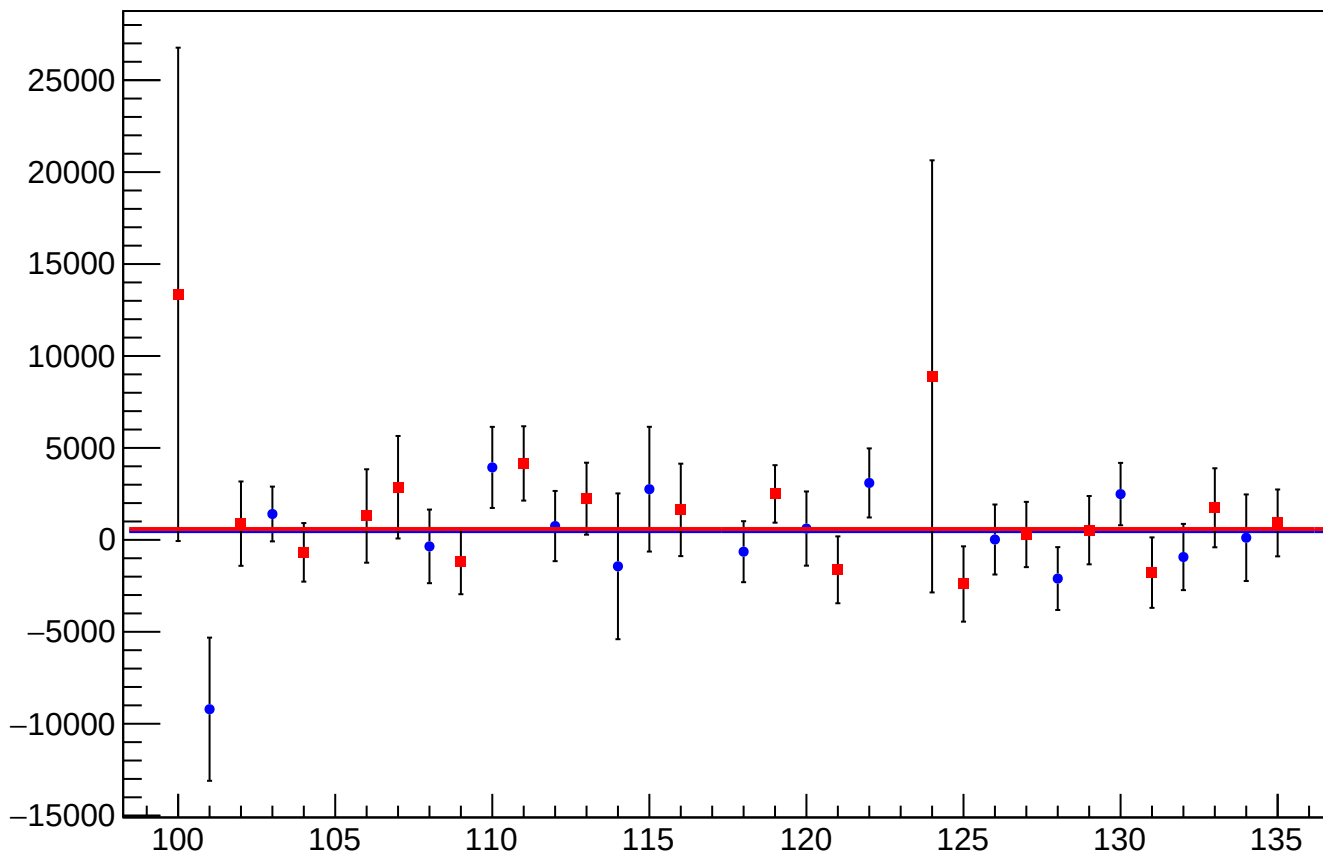
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8064932.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 475.289+/-516.831 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.760+/-487.668 χ^2/NDF : 14.7/17

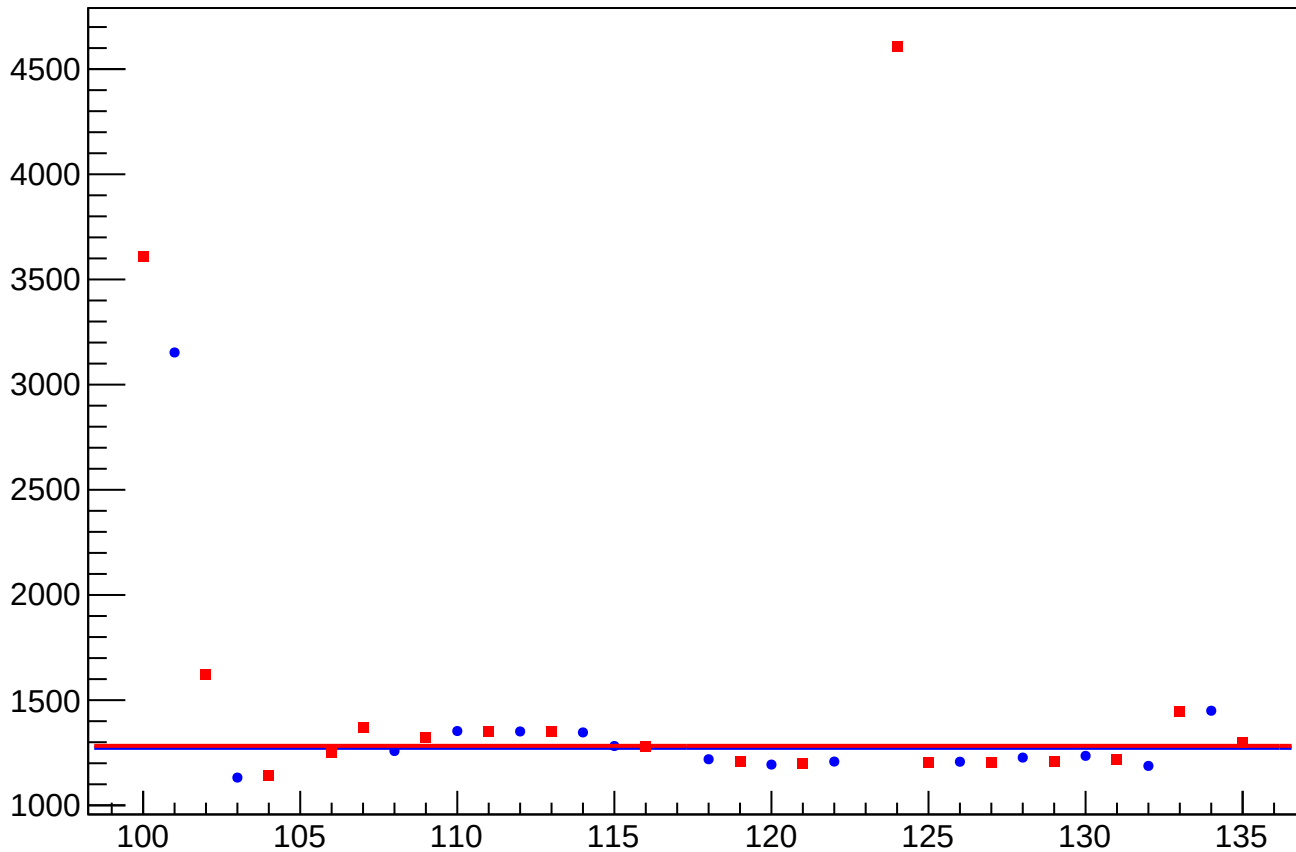
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.845+/-354.695 χ^2/NDF : 31.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.812+/-0.345 χ^2/NDF : 322021.0/17

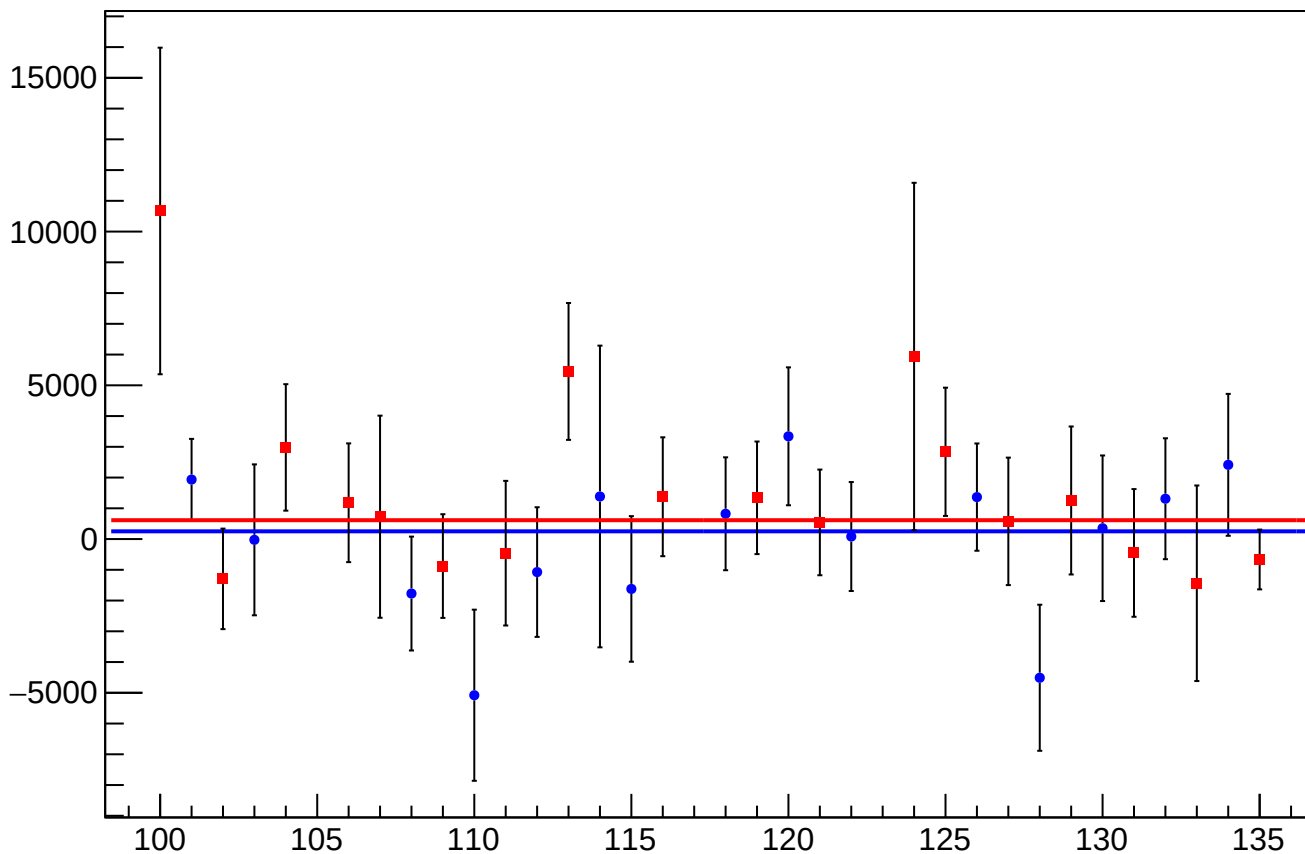
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.333+/-0.251 χ^2/NDF : 841662.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_mean vs Slug



Right In: 251.492+/-530.946 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 612.813+/-461.207 χ^2/NDF : 16.9/17

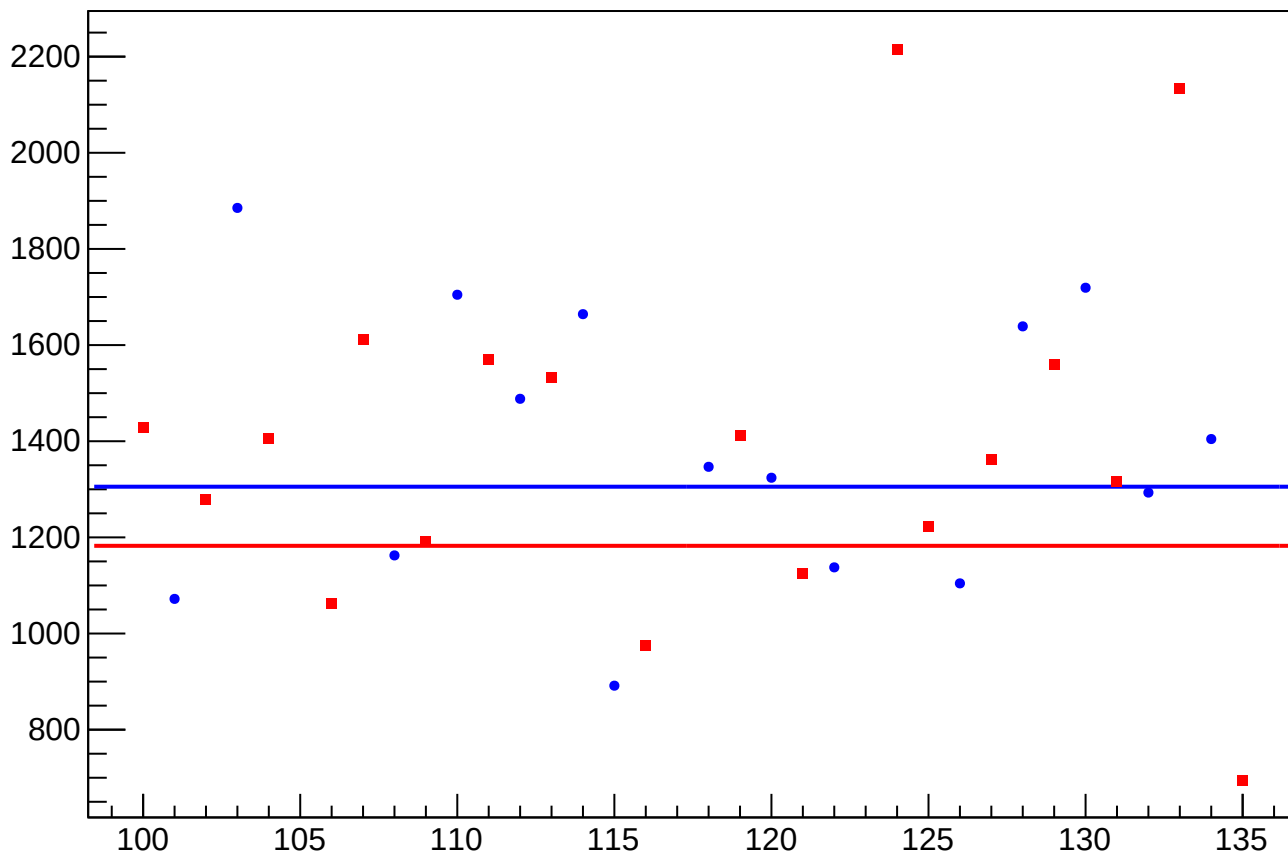
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 457.425+/-348.187 χ^2/NDF : 32.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_correction_rms vs Slug



Right In: 1305.419+/-0.375 χ^2/NDF : 463771.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

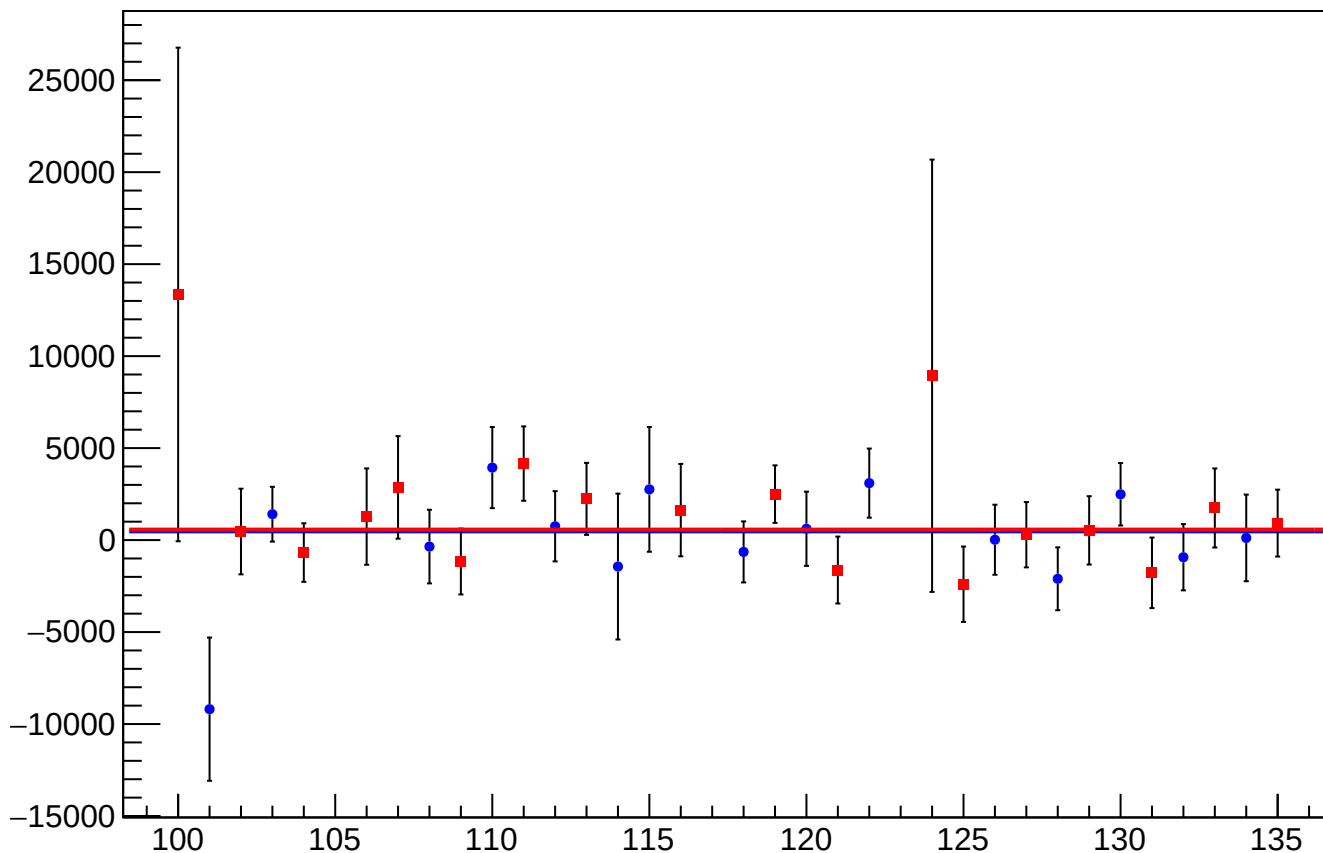
Right Out: 1182.443+/-0.326 χ^2/NDF : 1060156.7/17

All: 1235.330+/-0.246 χ^2/NDF : 1585079.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 568.970+/-488.523 χ^2/NDF : 14.7/17

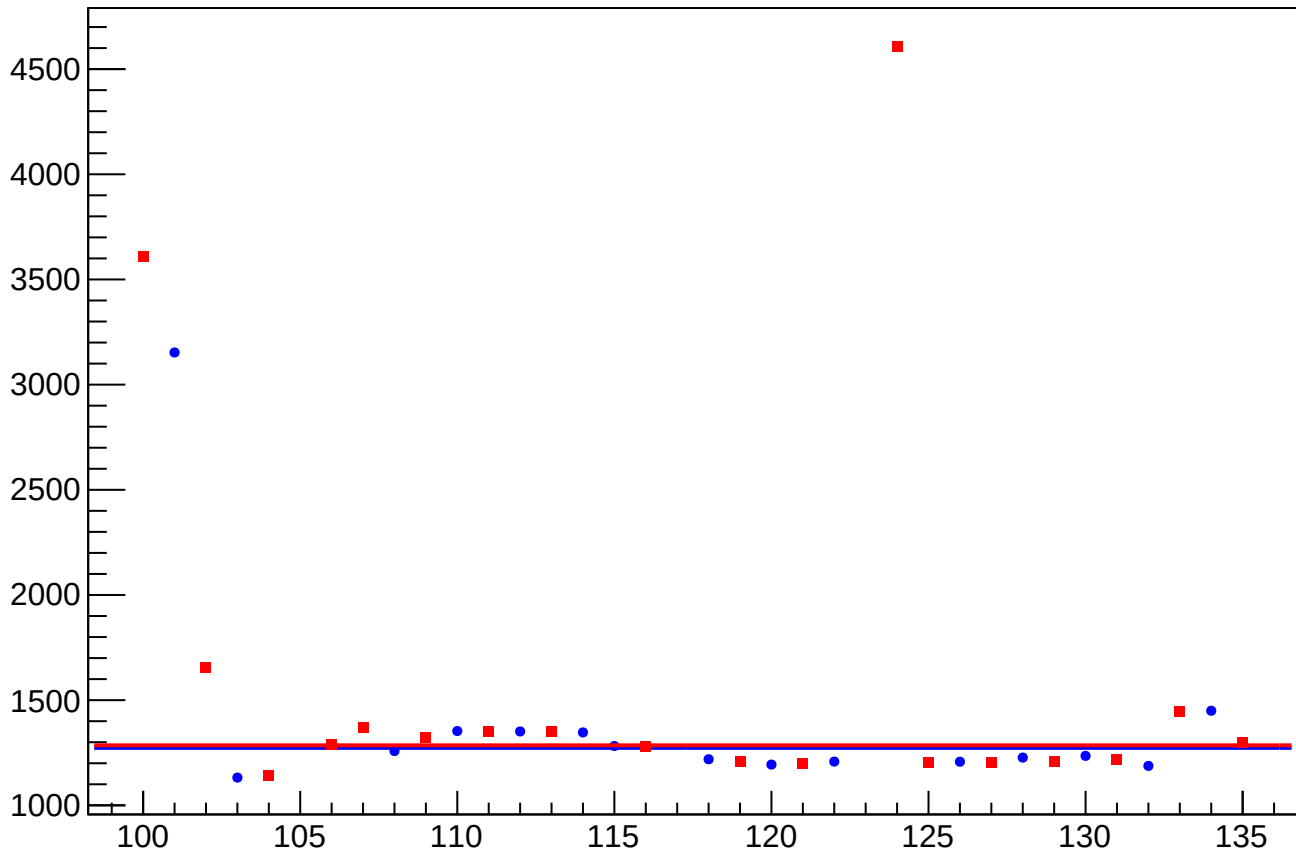
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.925+/-355.024 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1273.303 $\pm$ 0.365 χ^2 /NDF: 519285.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

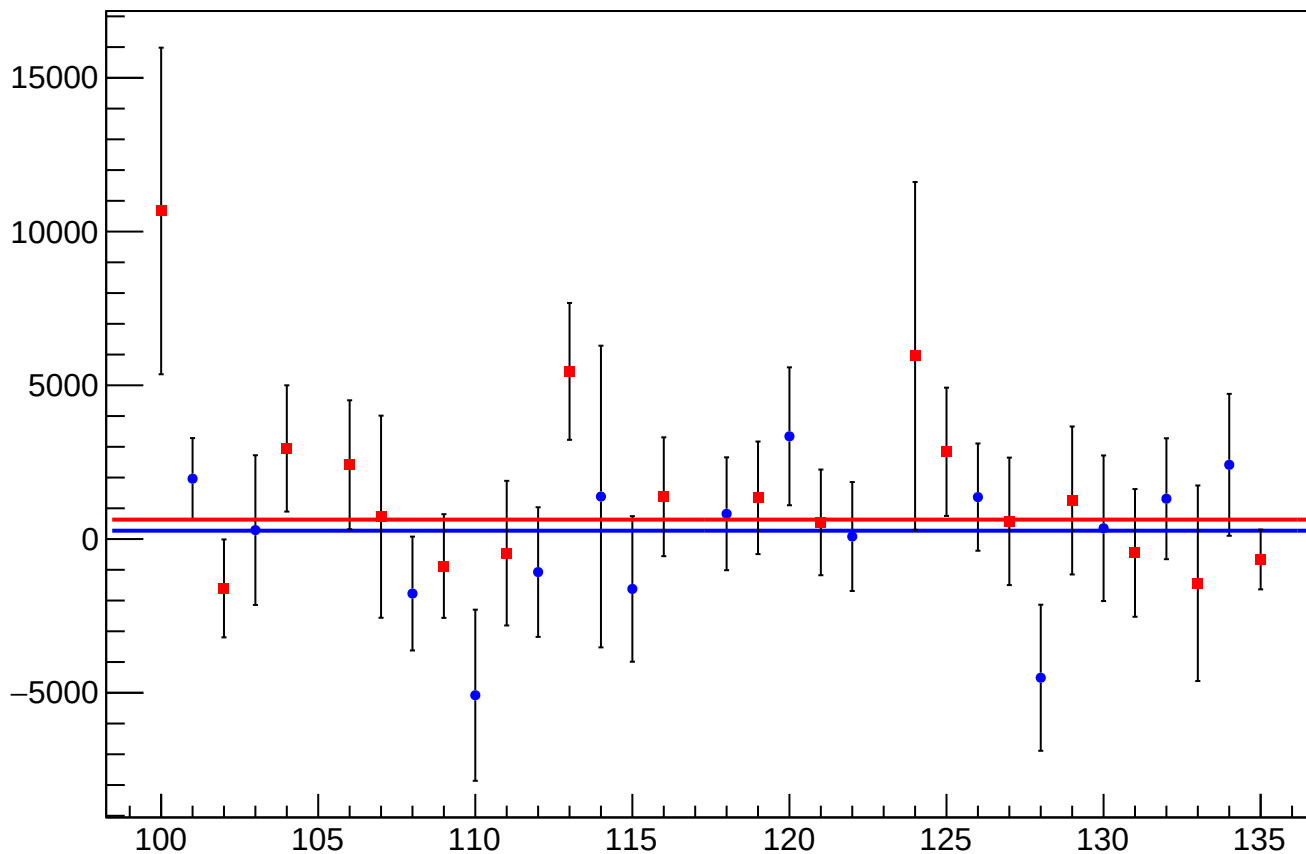
Right Out: 1285.171 $\pm$ 0.345 χ^2 /NDF: 328658.2/17

All: 1279.571 $\pm$ 0.251 χ^2 /NDF: 848500.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_mean vs Slug



Right In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.217+/-462.190 χ^2/NDF : 18.1/17

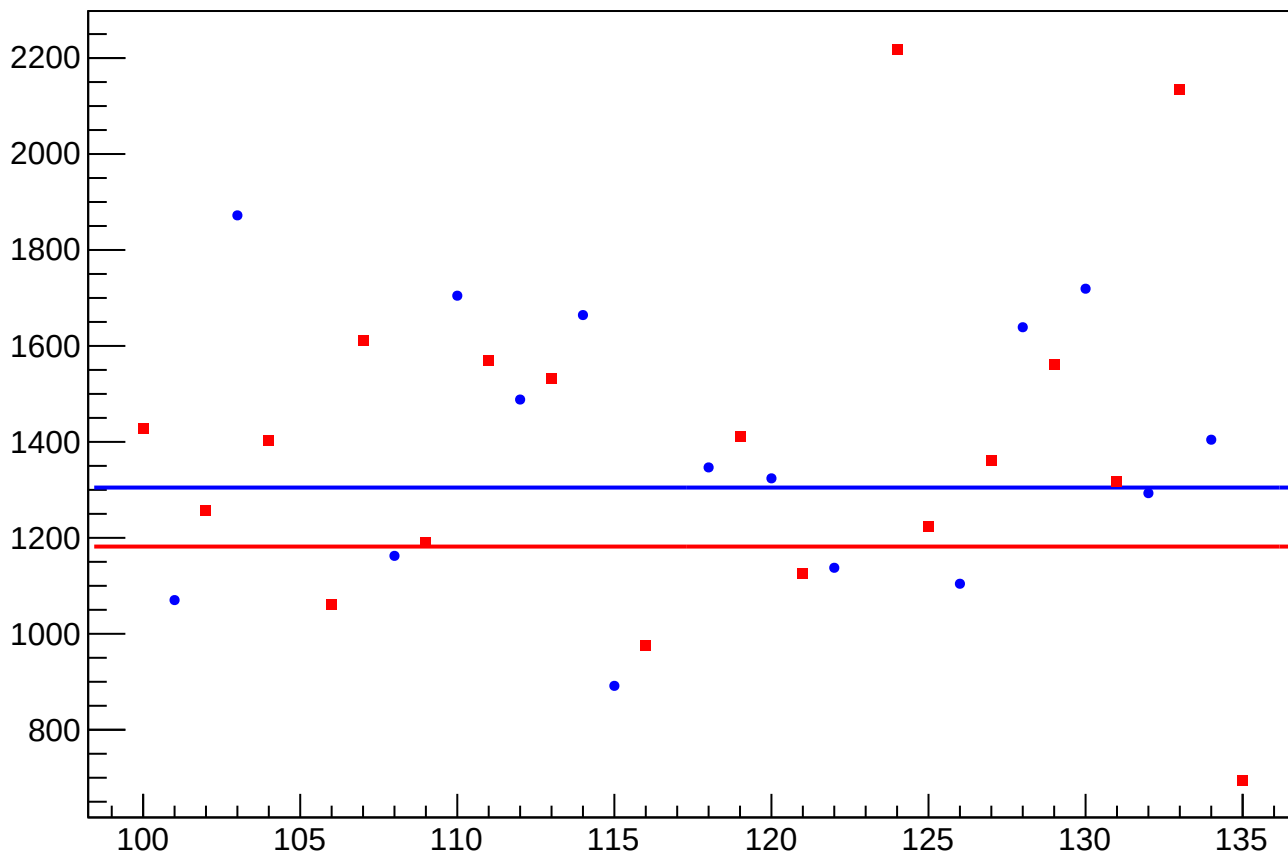
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.634+/-348.512 χ^2/NDF : 33.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_cor_correction_rms vs Slug



Right In: 1304.835 $\pm$ 0.375 χ^2 /NDF: 461667.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

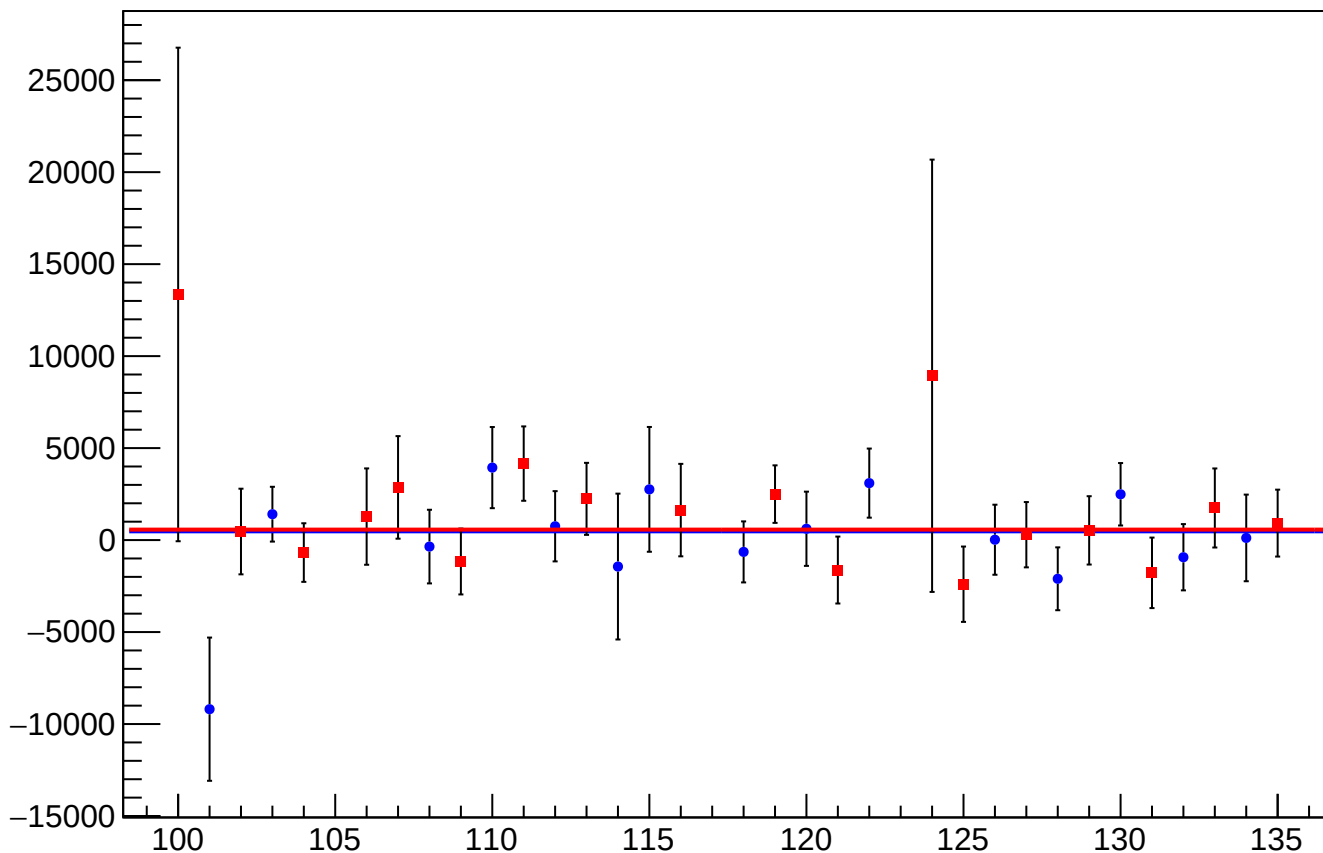
Right Out: 1181.837 $\pm$ 0.327 χ^2 /NDF: 1056612.9/17

All: 1234.900 $\pm$ 0.246 χ^2 /NDF: 1579386.1/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 475.627+/-516.832 χ^2 /NDF: 16.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 568.970+/-488.523 χ^2 /NDF: 14.7/17

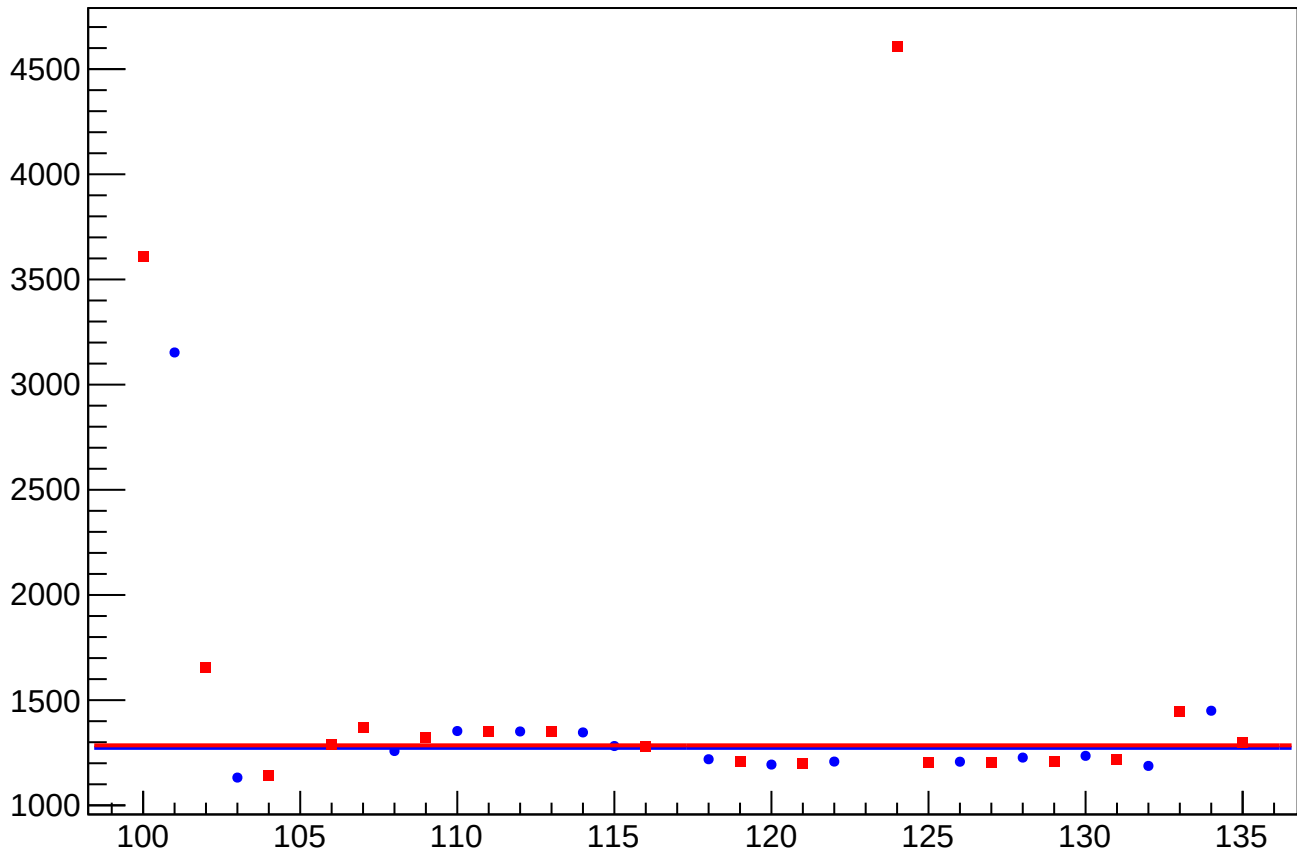
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 524.925+/-355.024 χ^2 /NDF: 31.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

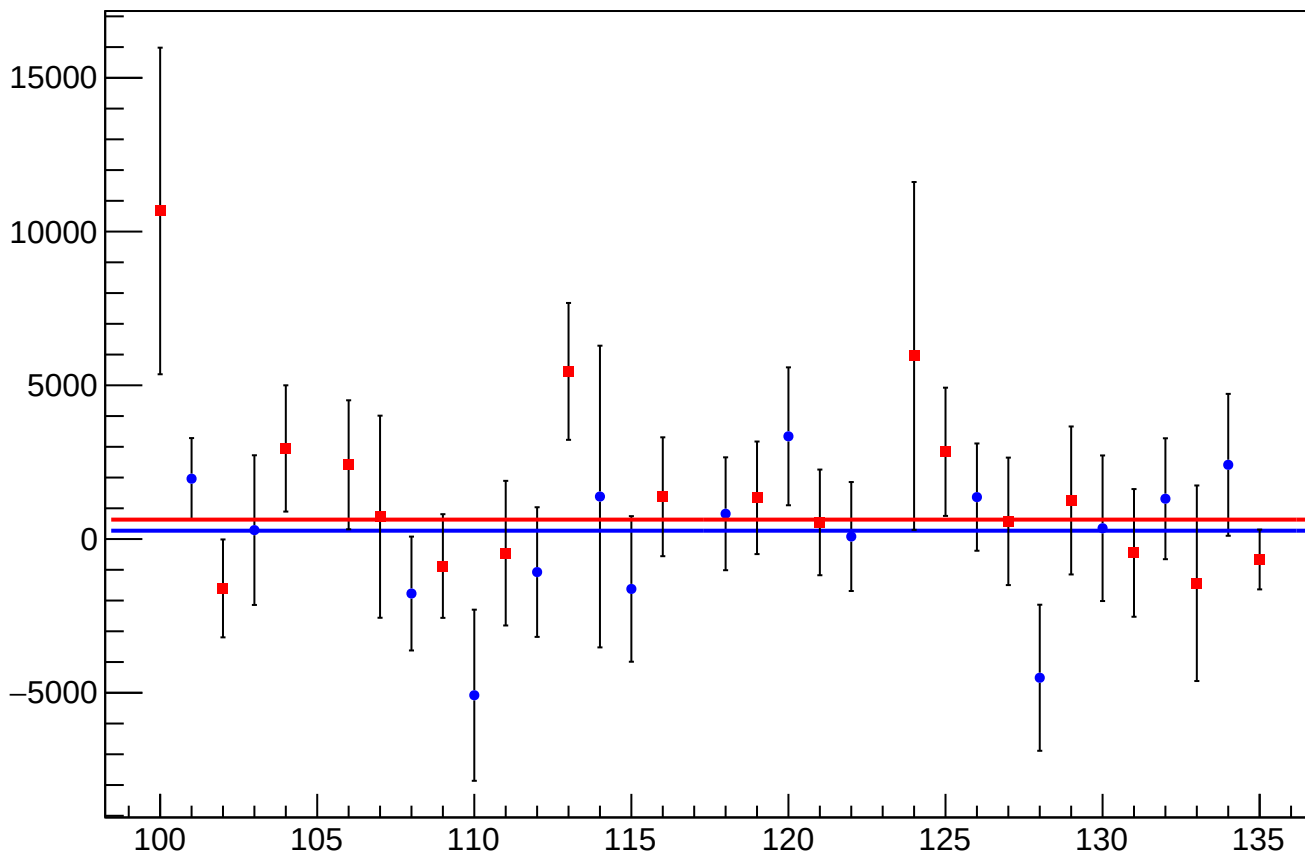
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.571+/-0.251 χ^2/NDF : 848500.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 271.584 $\pm$ 530.604 χ^2 /NDF: 15.2/14

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

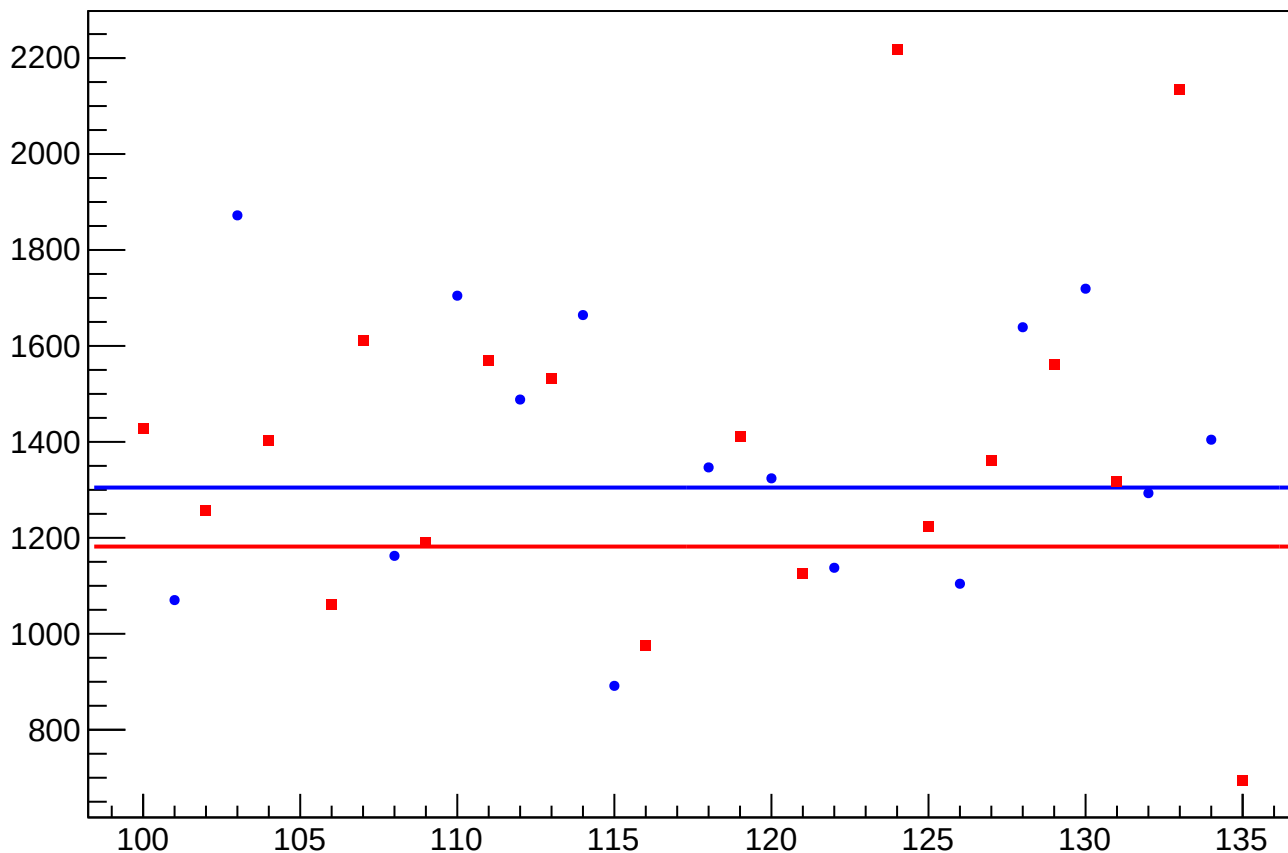
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.634 $\pm$ 348.512 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1304.835 $\pm$ 0.375 χ^2 /NDF: 461667.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

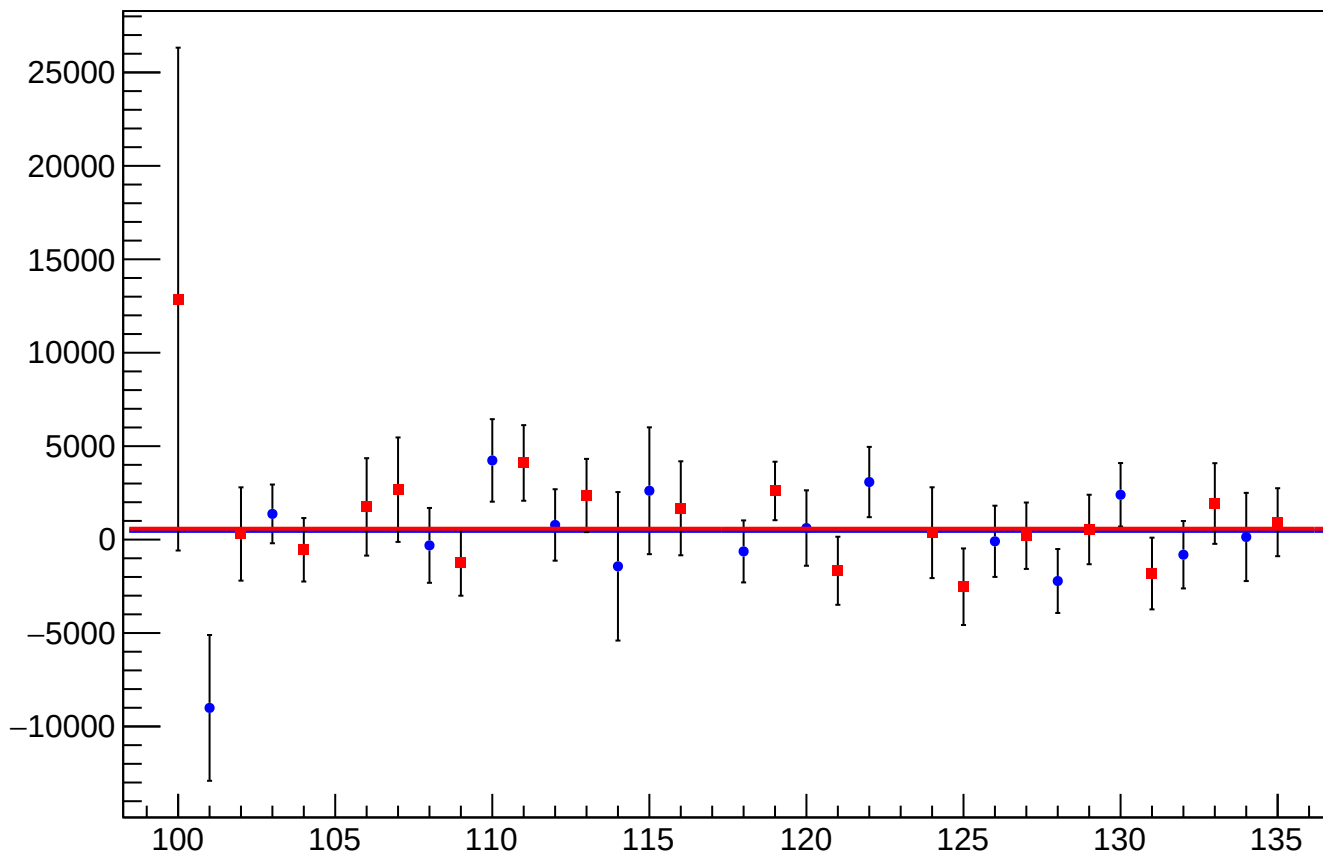
Right Out: 1181.837 $\pm$ 0.327 χ^2 /NDF: 1056612.9/17

All: 1234.900 $\pm$ 0.246 χ^2 /NDF: 1579386.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.011+/-483.775 χ^2/NDF : 14.6/17

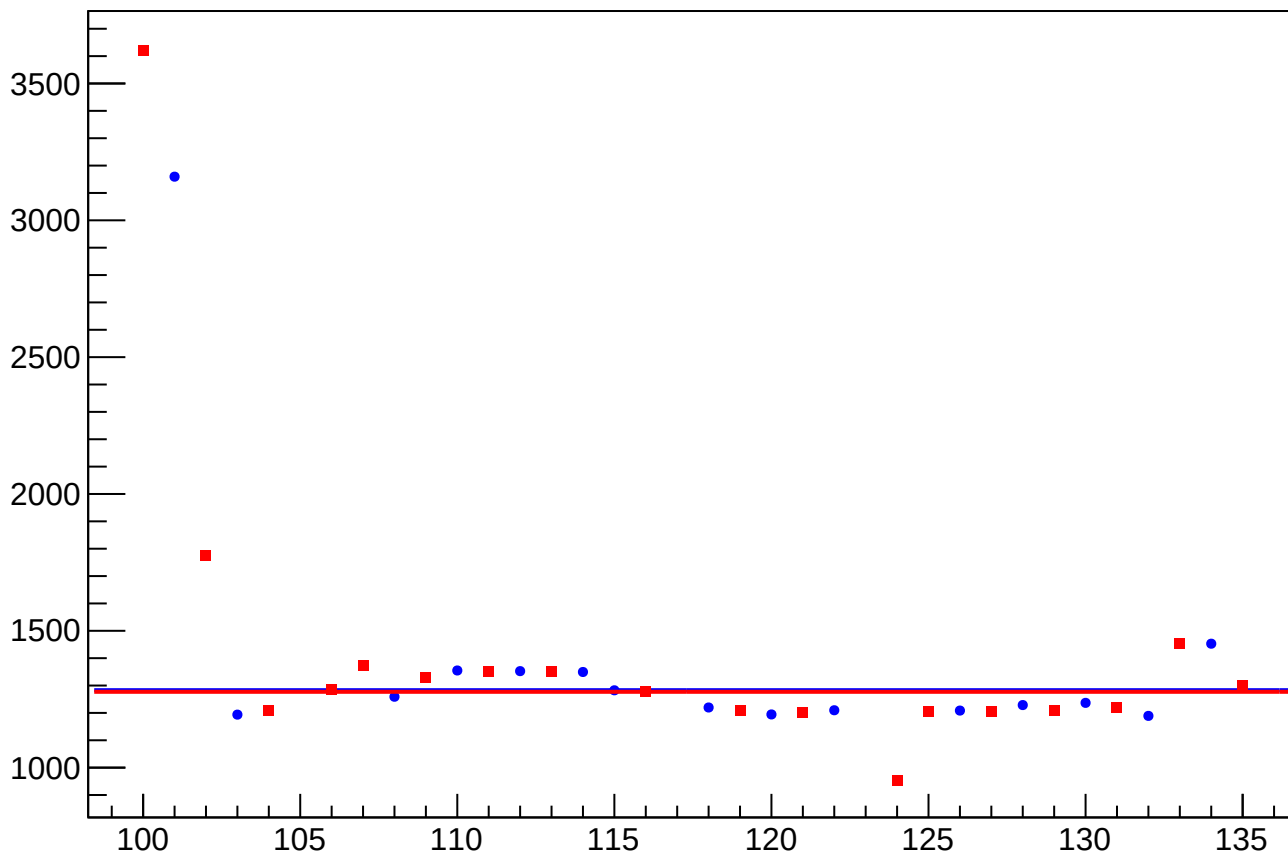
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.378+/-354.371 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1277.124+/-0.342 χ^2/NDF : 220492.8/17

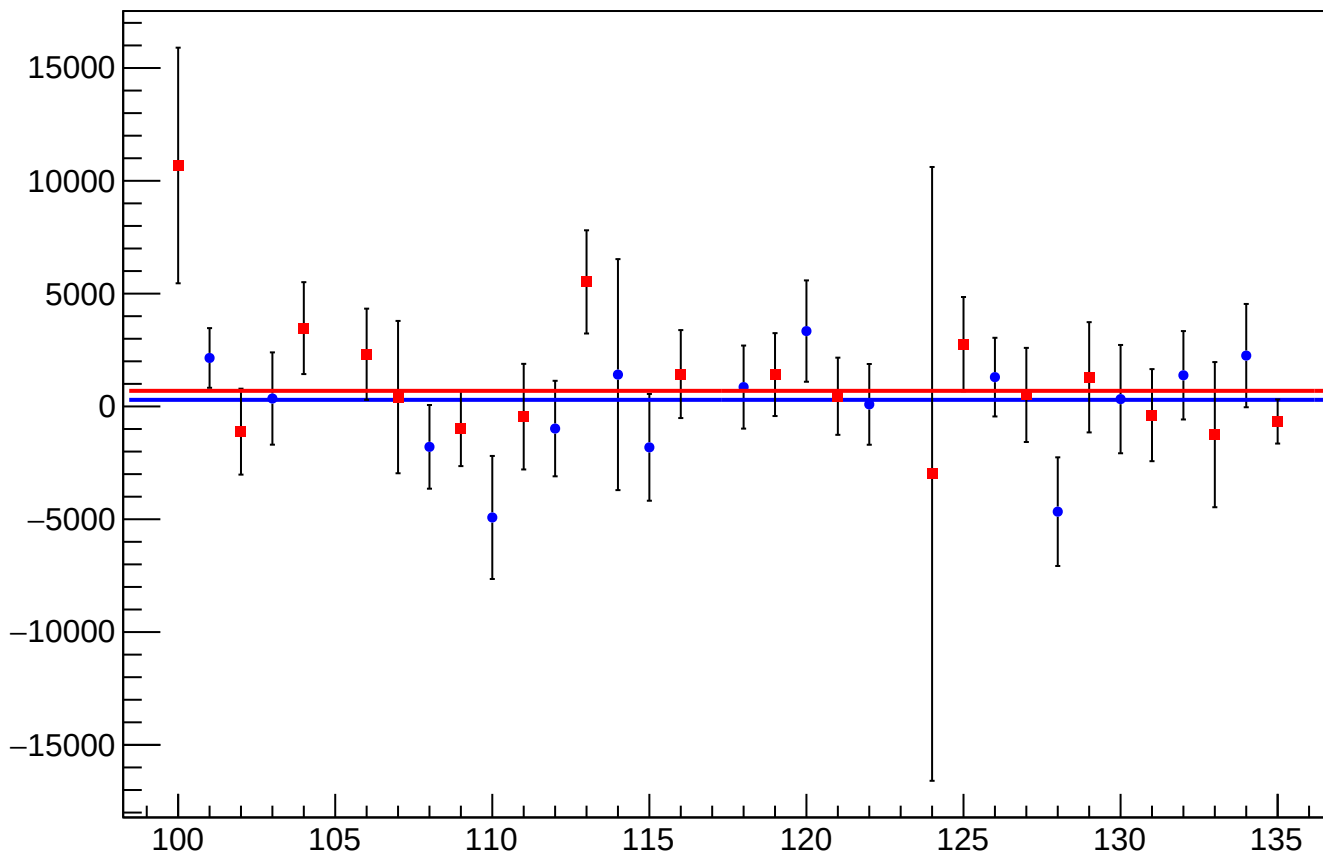
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.887+/-0.251 χ^2/NDF : 727544.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_mean vs Slug



Right In: 292.277+/-526.449 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.449+/-469.599 χ^2/NDF : 16.8/17

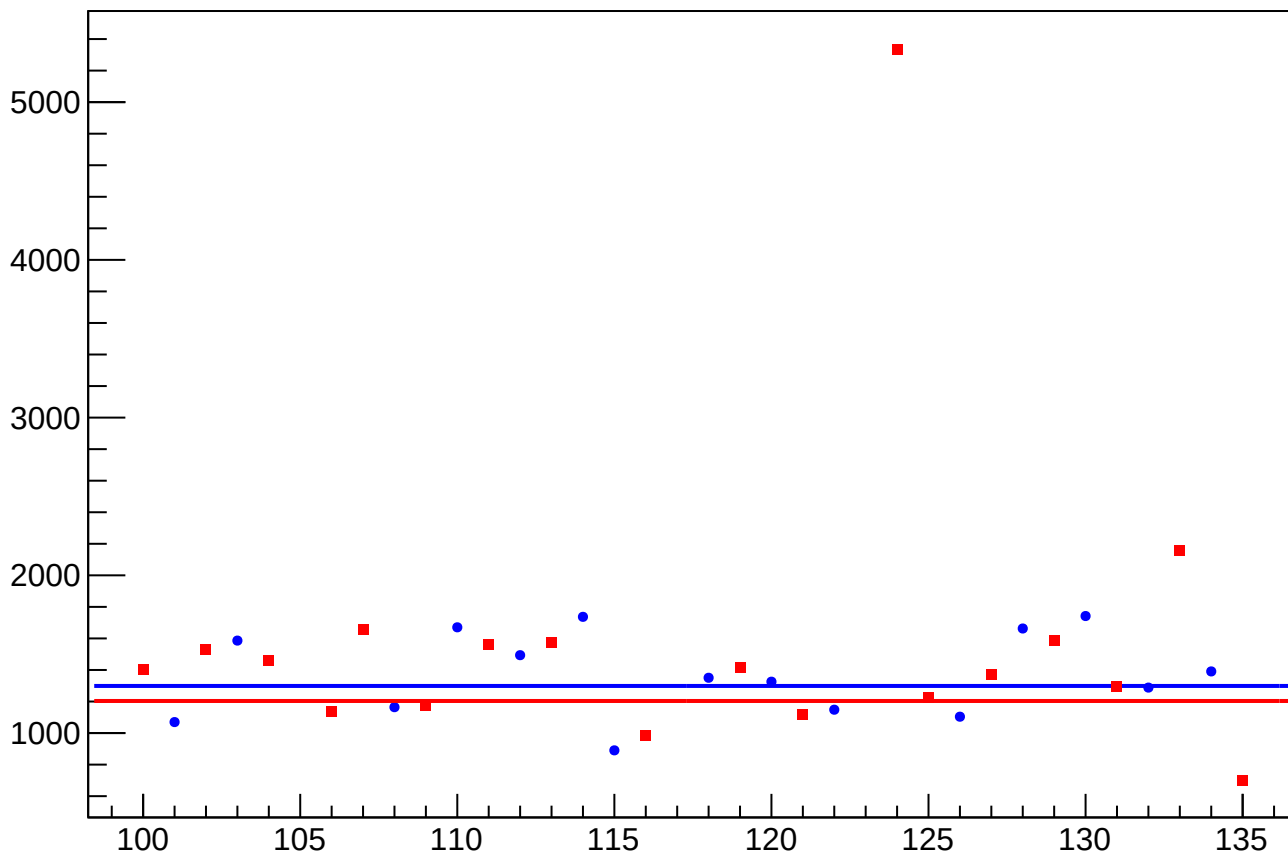
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.572+/-350.439 χ^2/NDF : 32.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_correction_rms vs Slug



Right In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

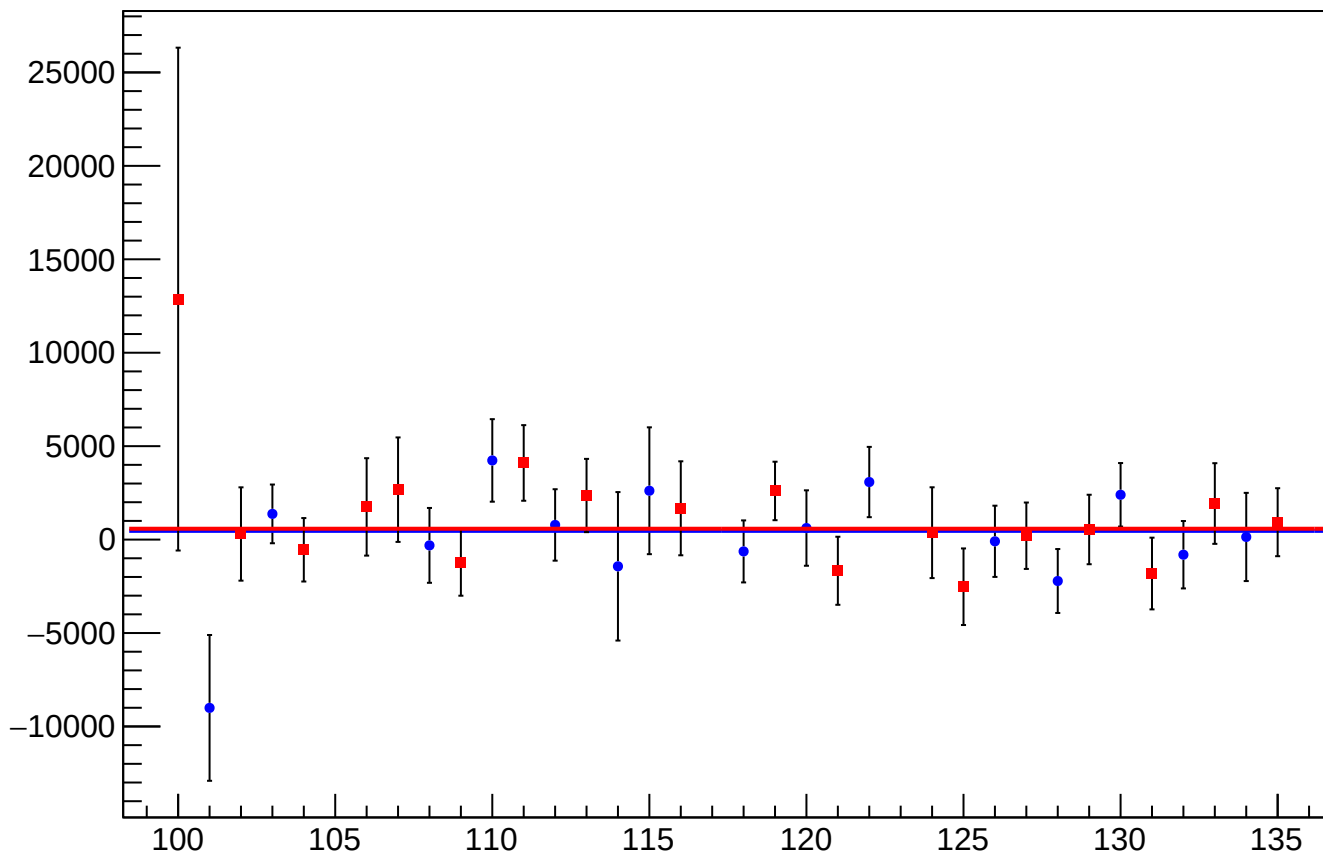
Right Out: 1203.452+/-0.332 χ^2/NDF : 1251546.4/17

All: 1245.683+/-0.248 χ^2/NDF : 1684778.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.010+/-483.775 χ^2/NDF : 14.6/17

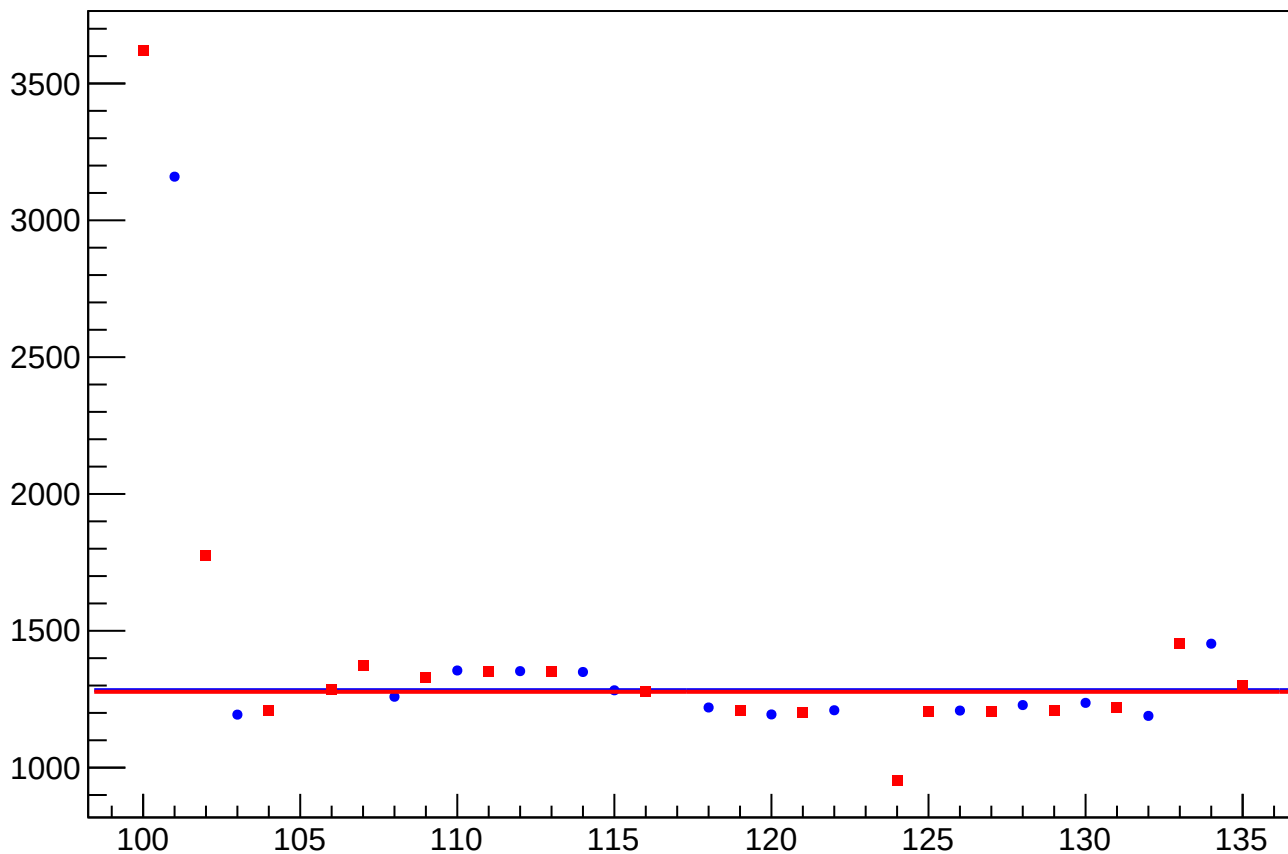
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.376+/-354.371 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1283.086+/-0.368 χ^2/NDF : 506911.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1277.124+/-0.342 χ^2/NDF : 220492.7/17

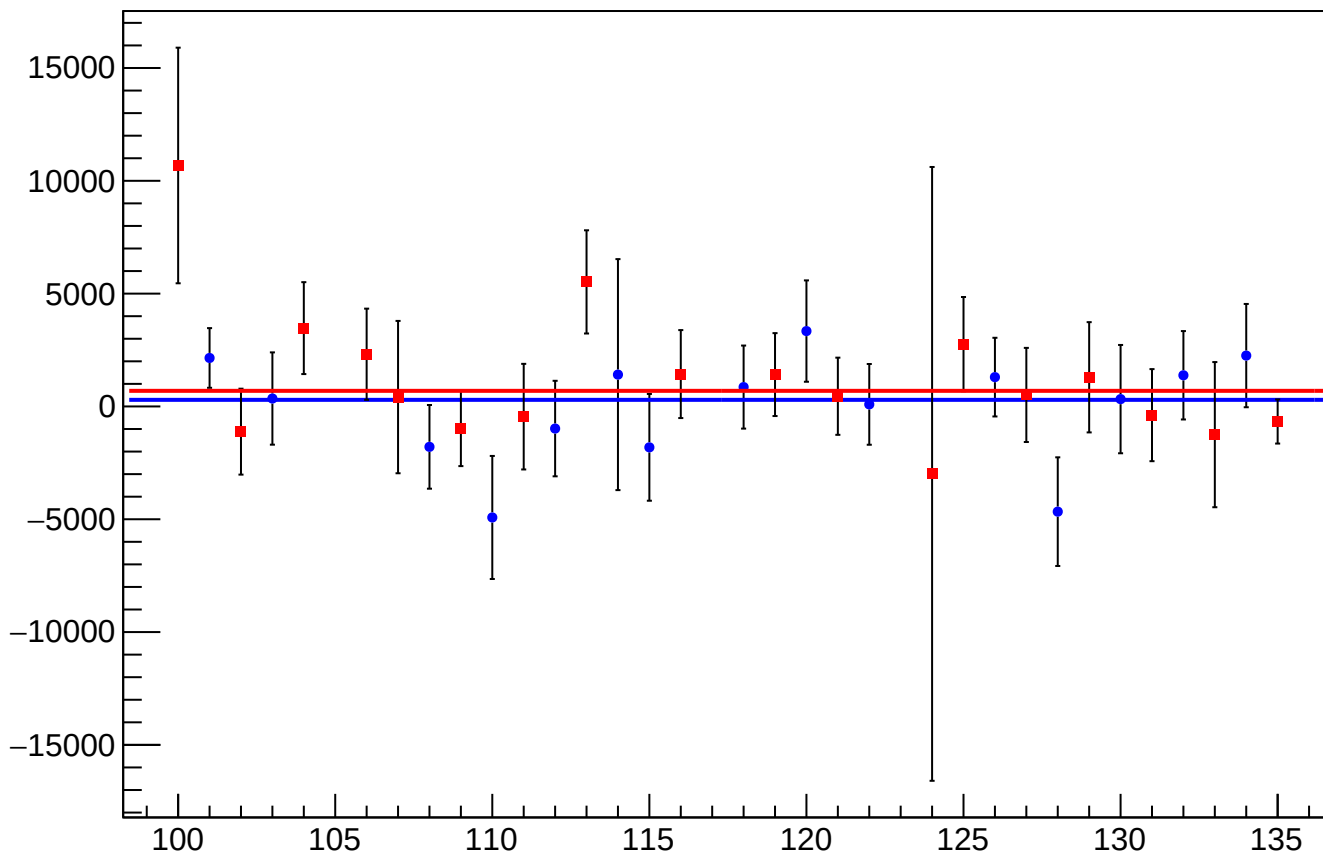
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.887+/-0.251 χ^2/NDF : 727544.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 292.276+/-526.447 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 691.457+/-469.601 χ^2/NDF : 16.8/17

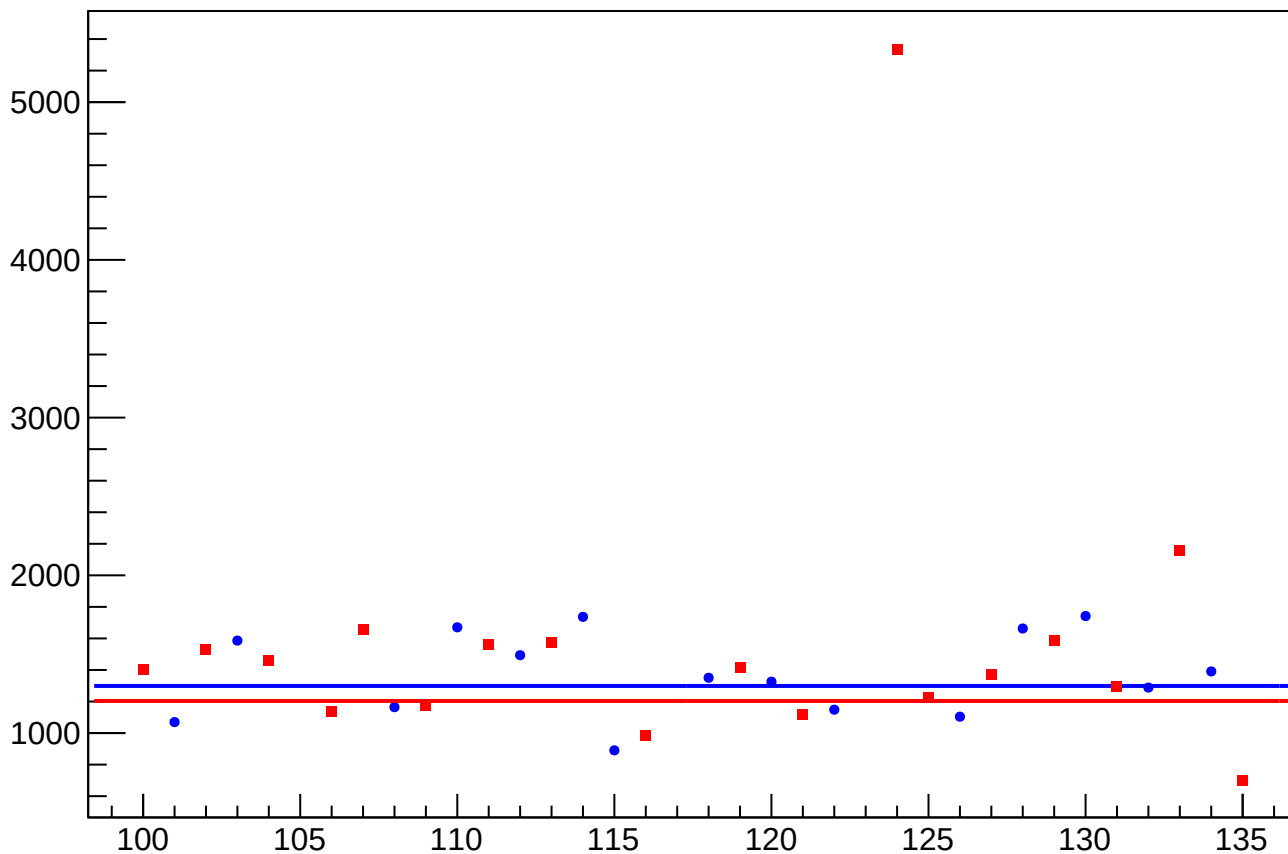
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 514.574+/-350.439 χ^2/NDF : 32.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1298.753+/-0.372 χ^2/NDF : 396735.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

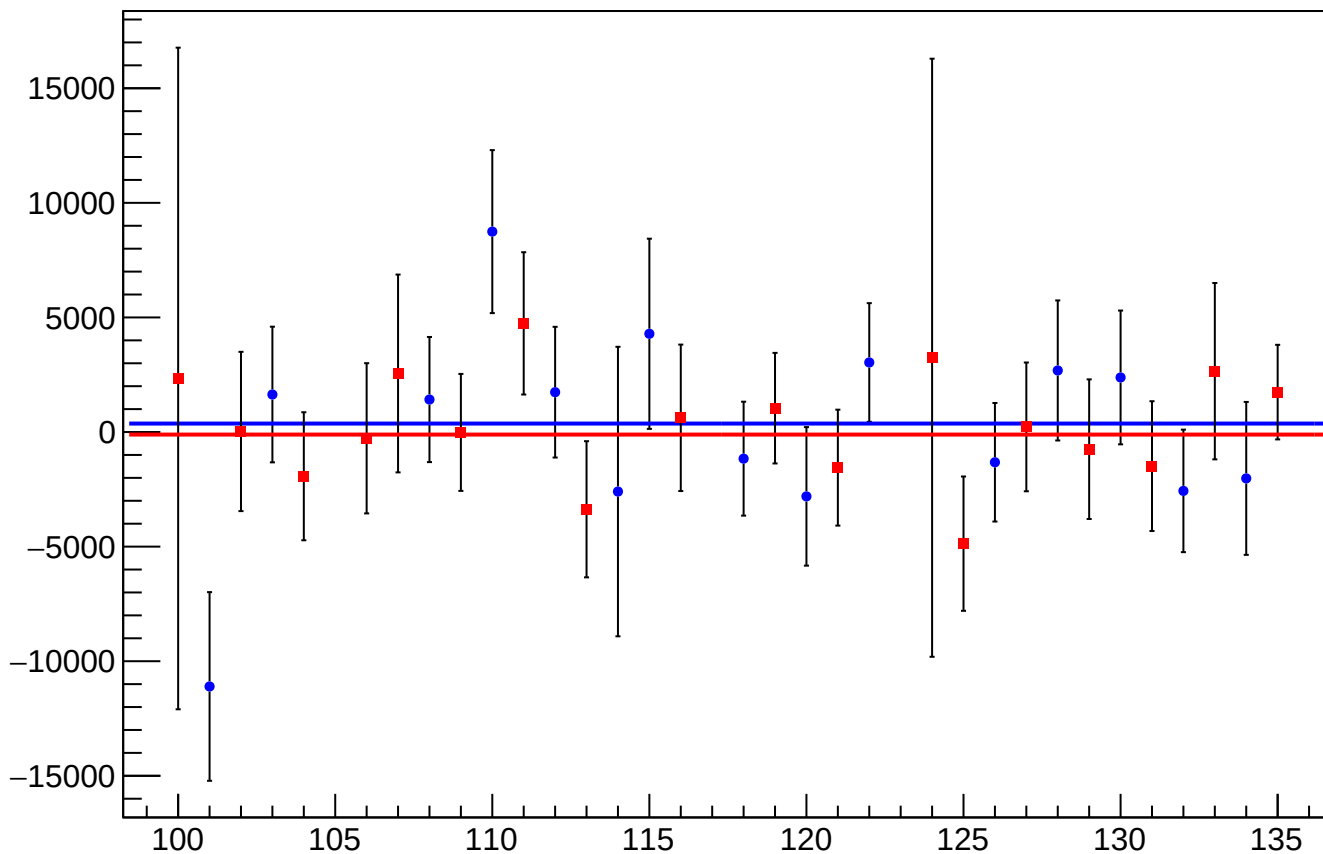
Right Out: 1203.458+/-0.332 χ^2/NDF : 1251503.9/17

All: 1245.685+/-0.248 χ^2/NDF : 1684733.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_mean vs Slug



Right In: 369.542+/-786.441 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.148+/-717.348 χ^2/NDF : 9.4/17

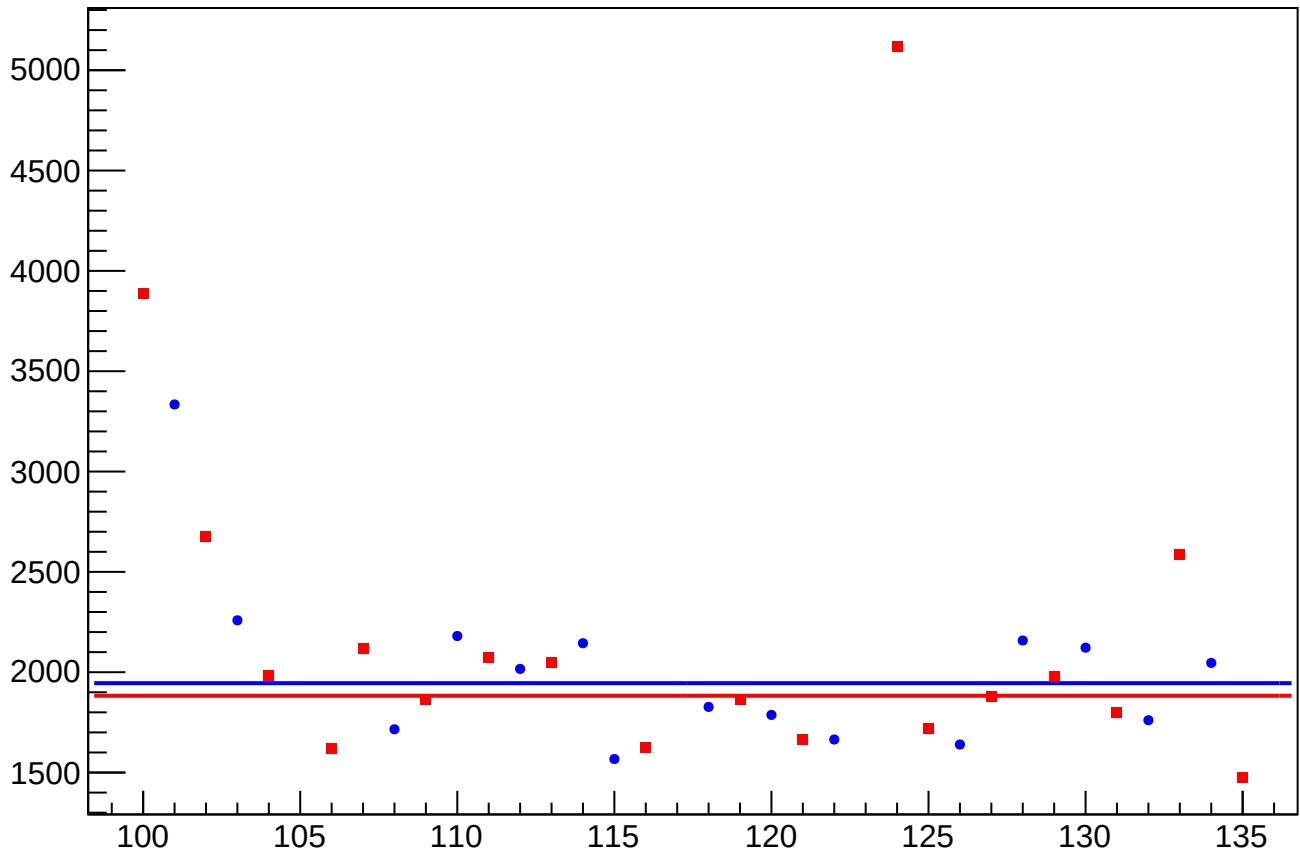
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.158+/-529.989 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_rms vs Slug



Right In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

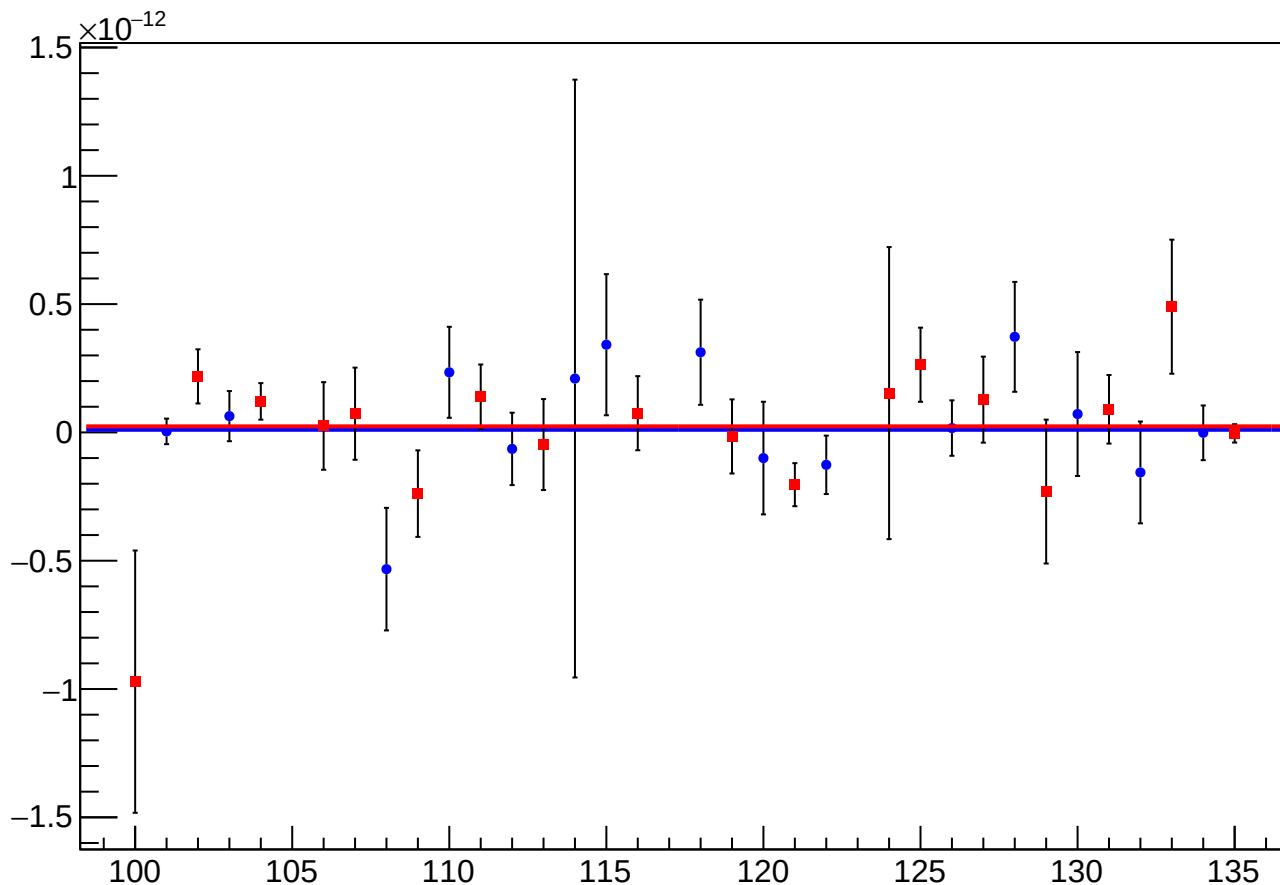
Right Out: 1882.746+/-0.507 χ^2/NDF : 483380.0/17

All: 1911.205+/-0.375 χ^2/NDF : 873086.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.1/17

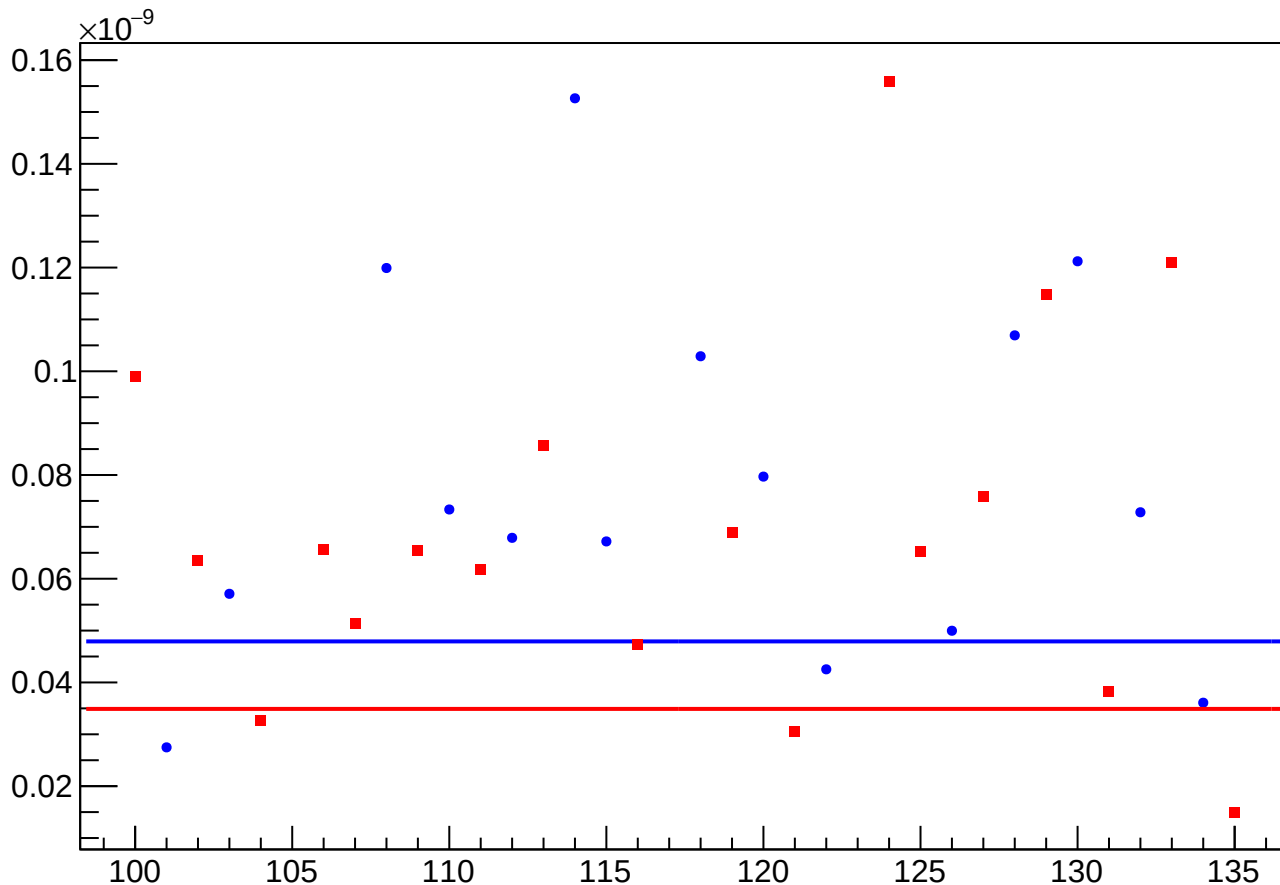
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1226740.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2020571.4/17

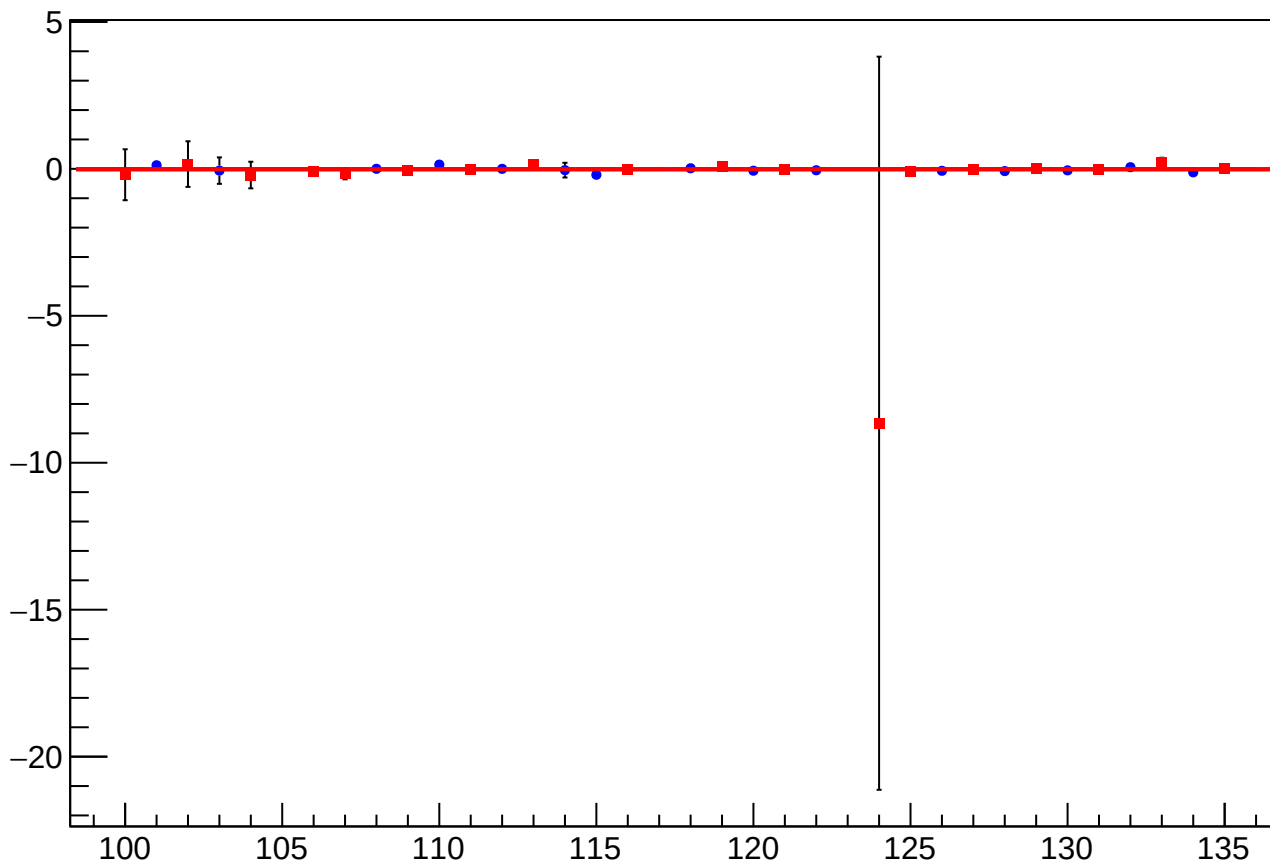
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3457072.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.017 χ^2/NDF : 12.6/17

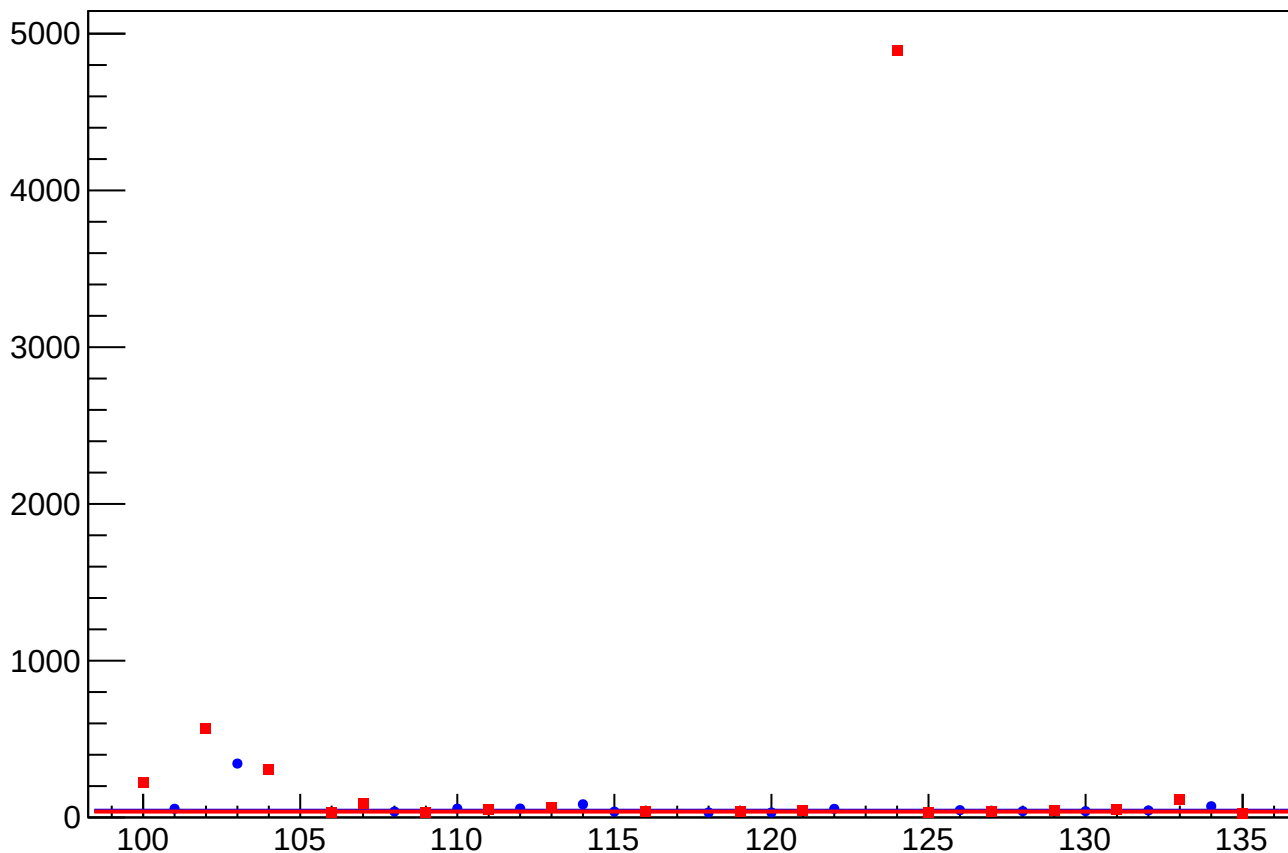
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.013 χ^2/NDF : 26.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

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

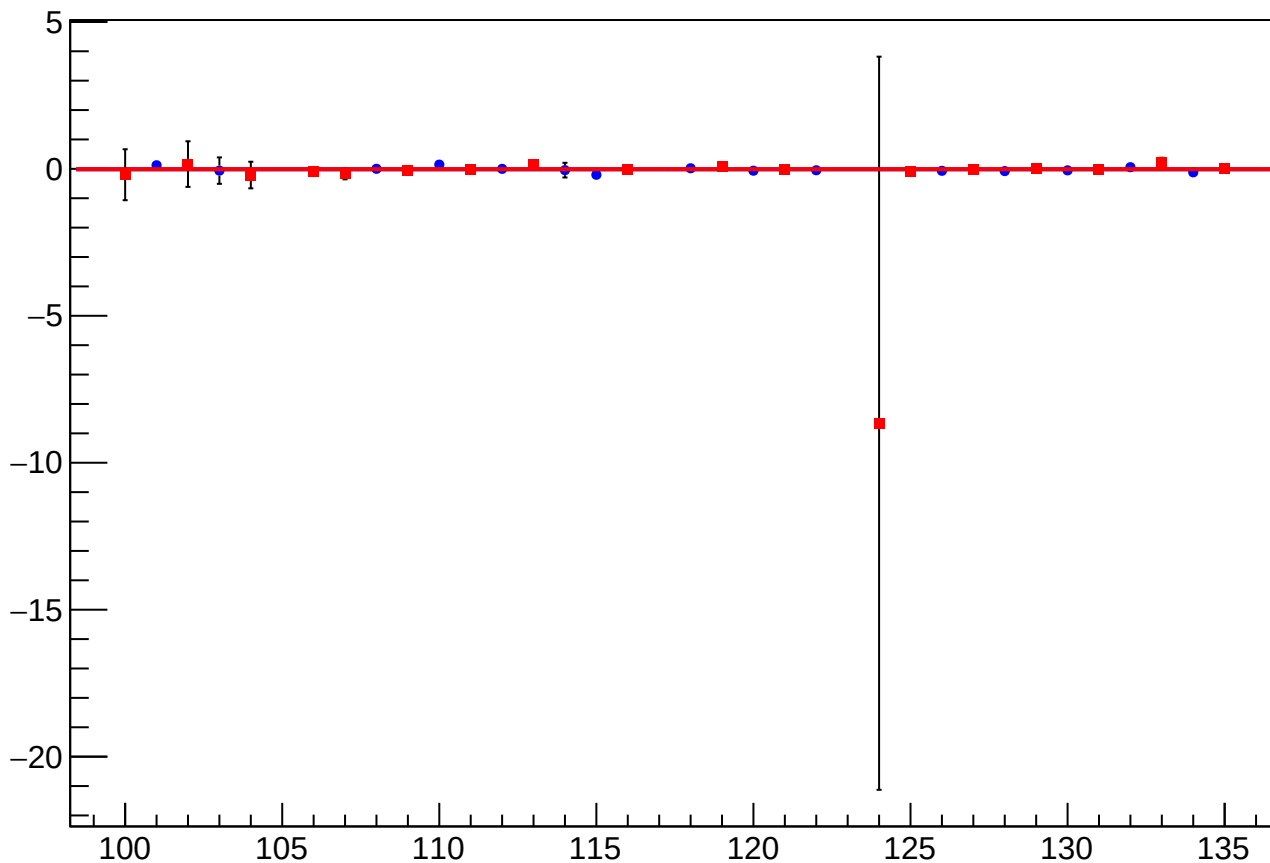
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.908 $\pm$ 0.009 χ^2 /NDF: 4700673.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

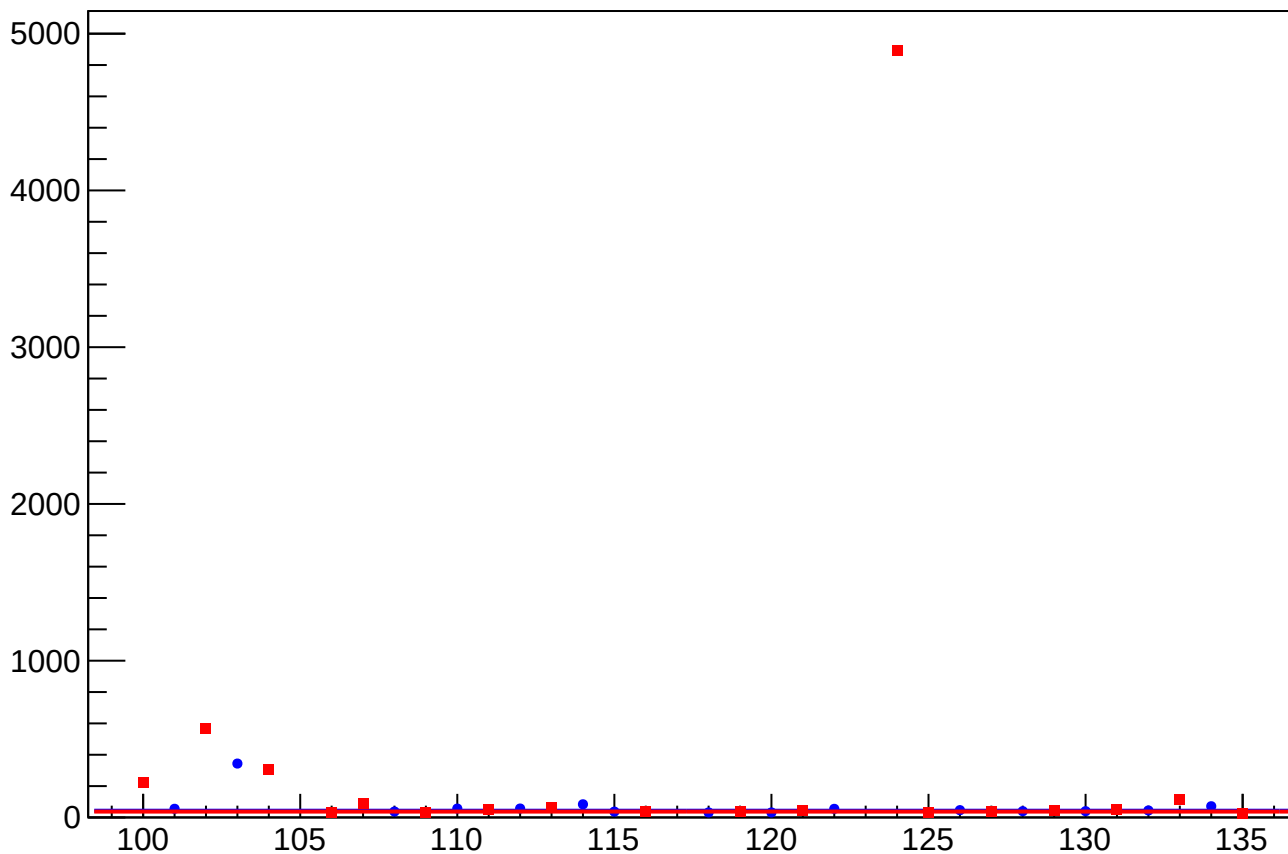
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

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

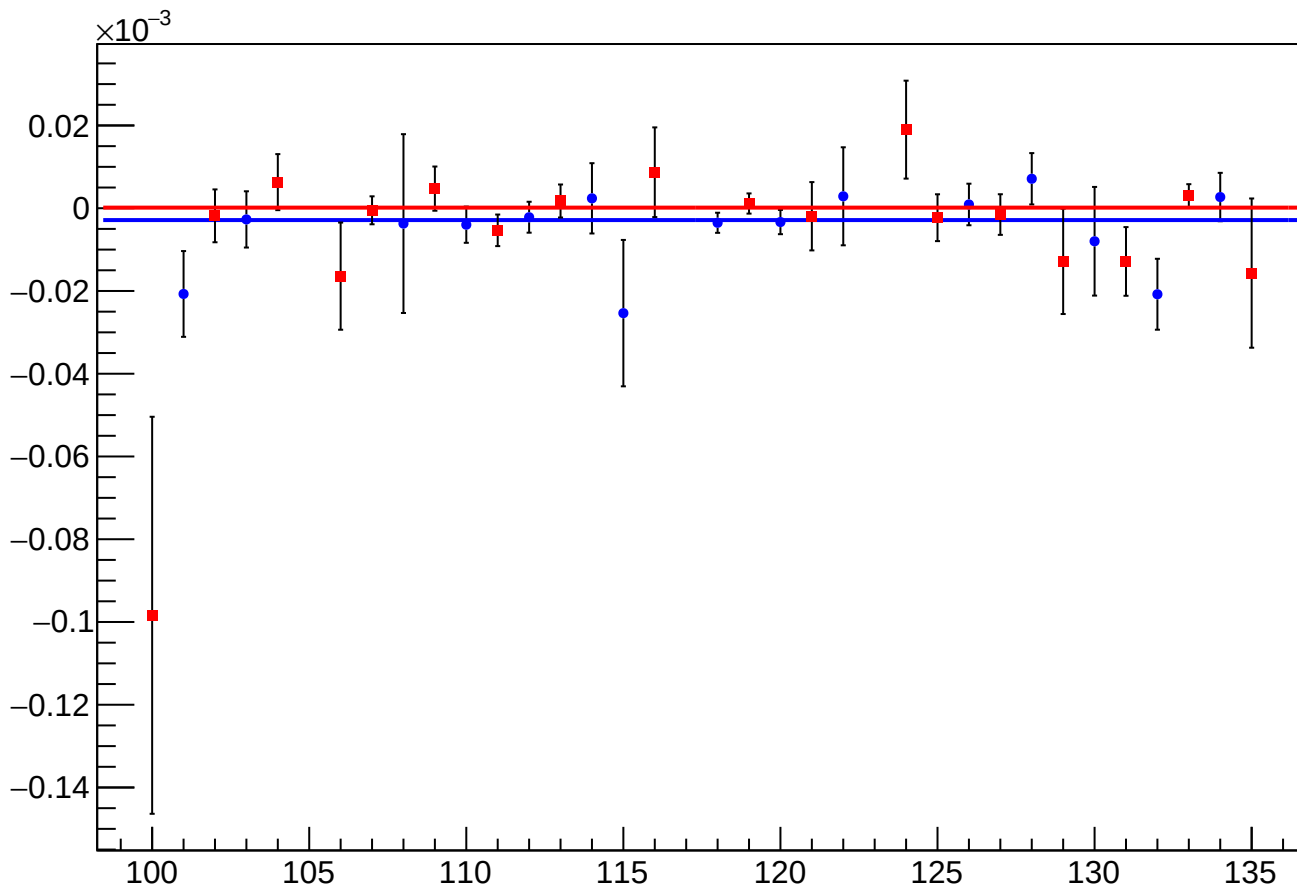
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.908 $\pm$ 0.009 χ^2 /NDF: 4700673.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 18.7/17

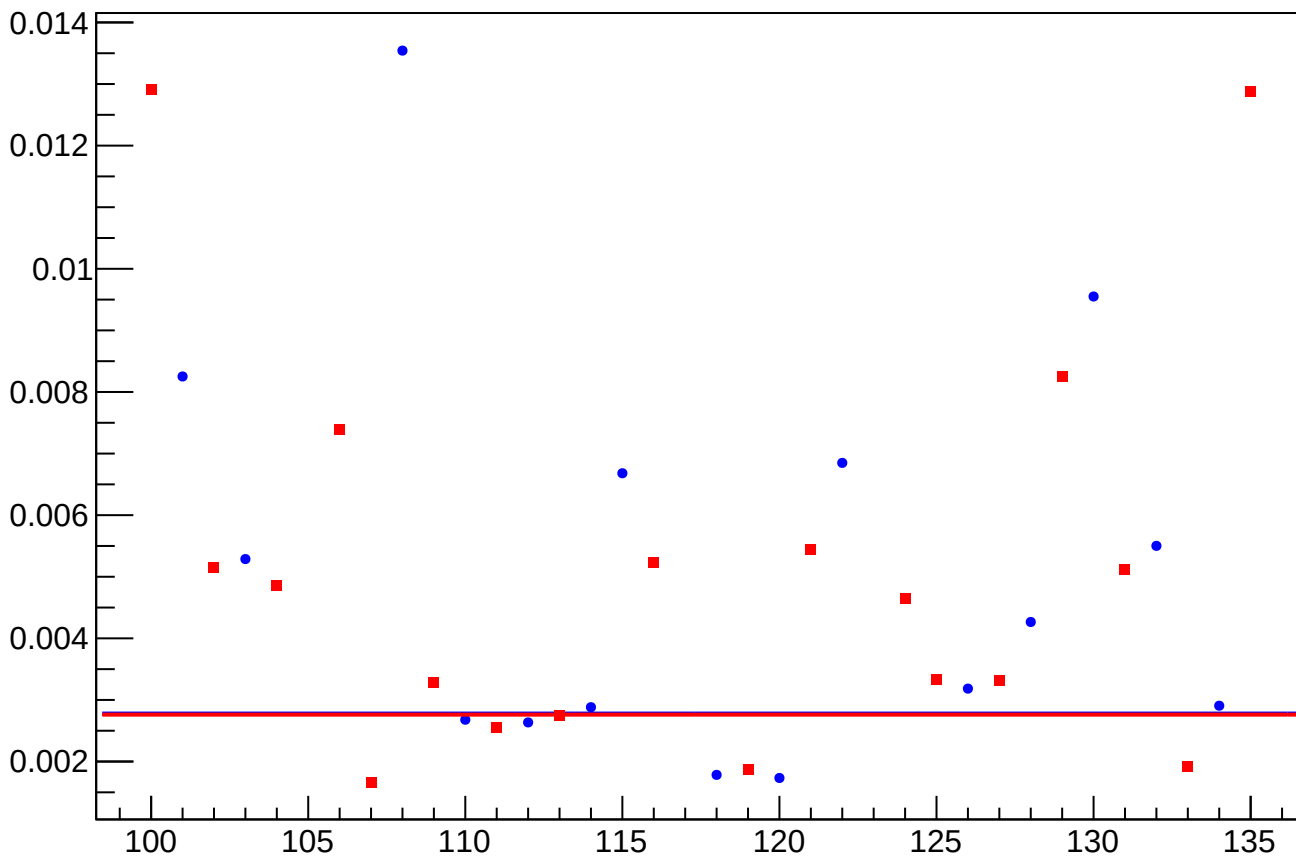
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 35.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 3116967.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3074529.8/17

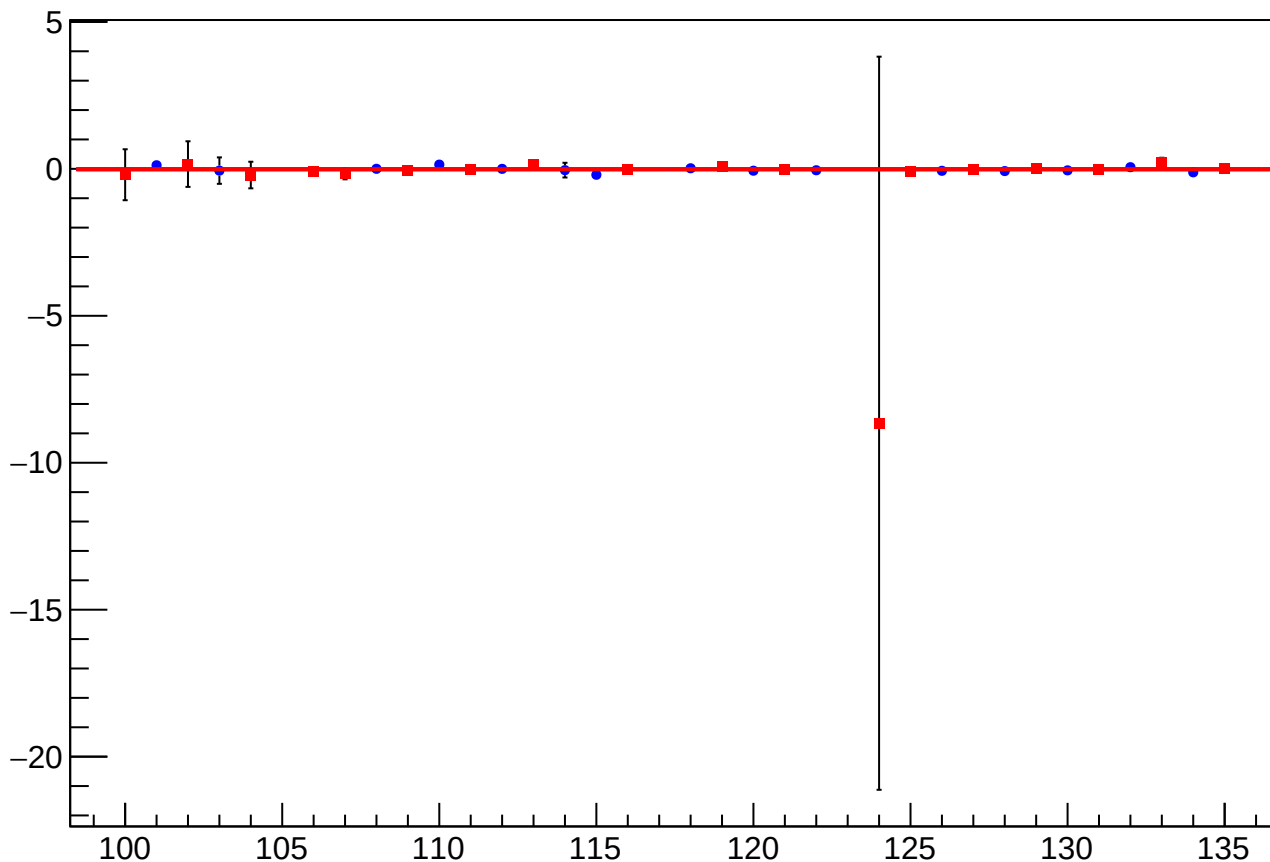
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6191692.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

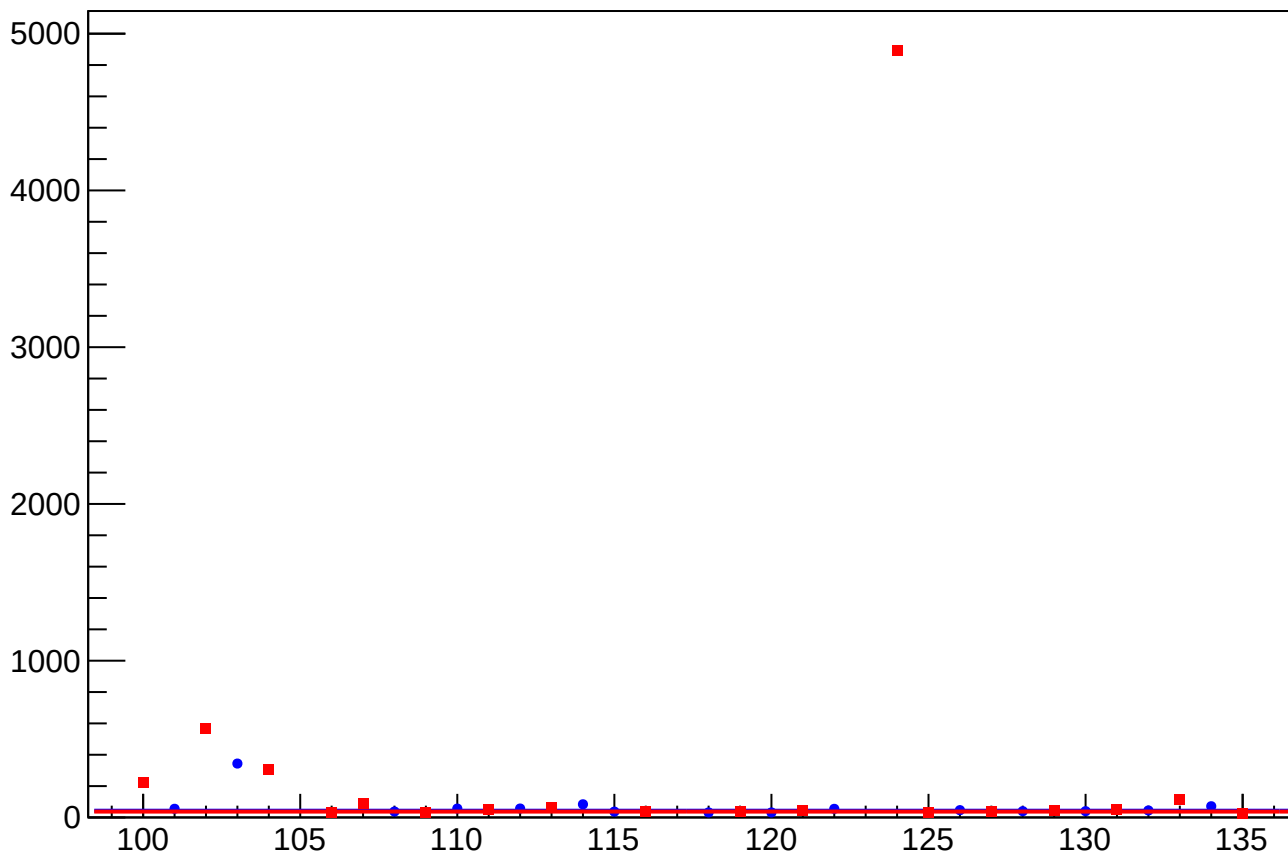
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 $\chi^2/\text{NDF}: 1466691.7/14$

Left Out: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 37.466 $\pm$ 0.012 $\chi^2/\text{NDF}: 3142261.3/17$

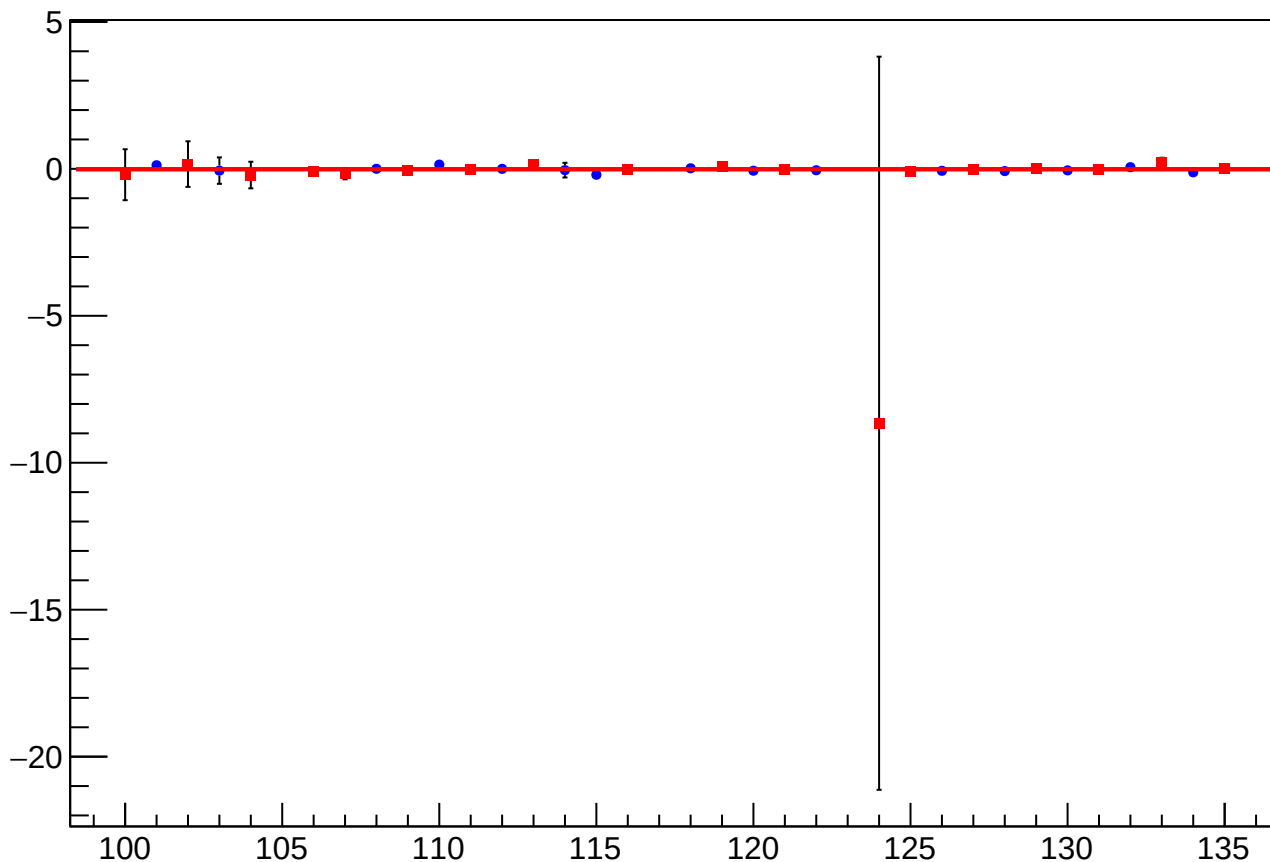
Left In: 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 39.909 $\pm$ 0.009 $\chi^2/\text{NDF}: 4700386.4/32$

- sign 0.000 $\pm$ 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

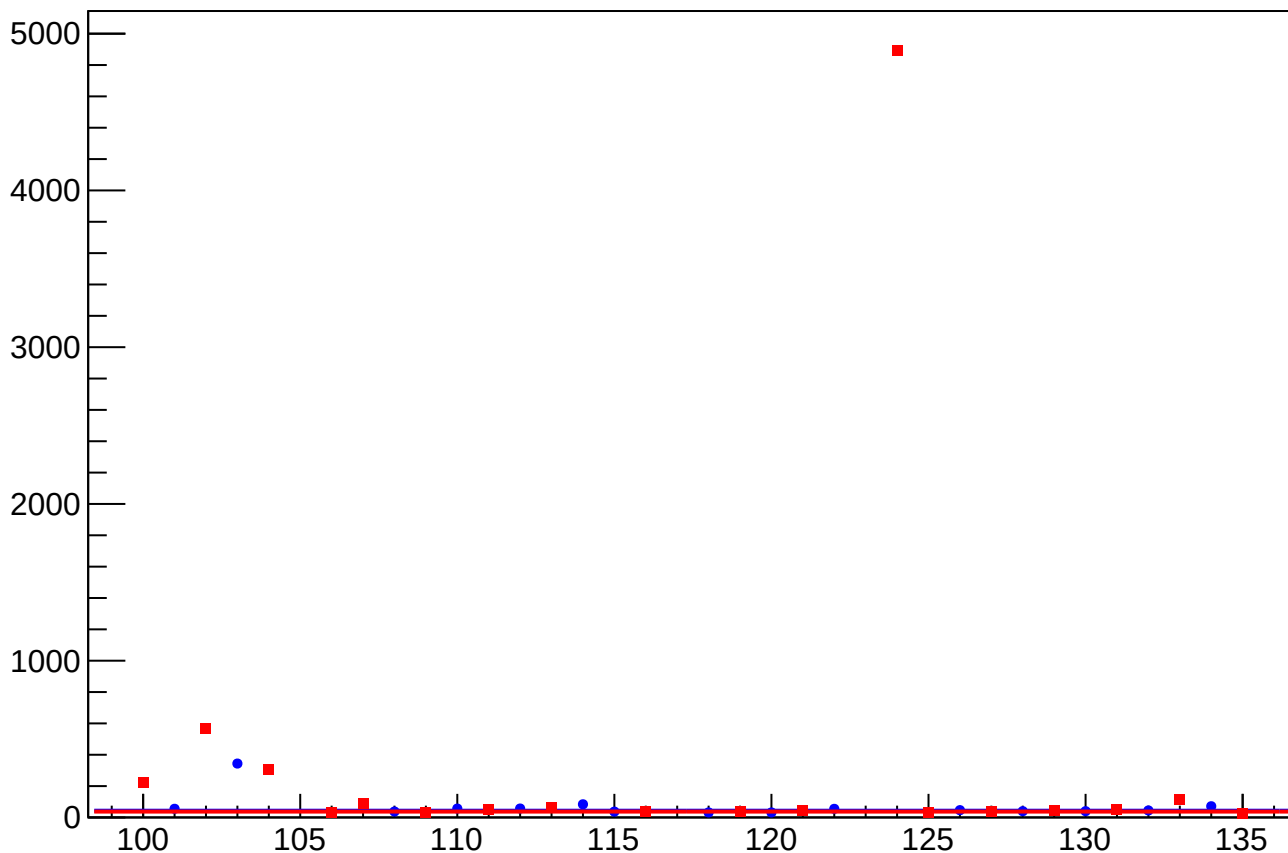
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

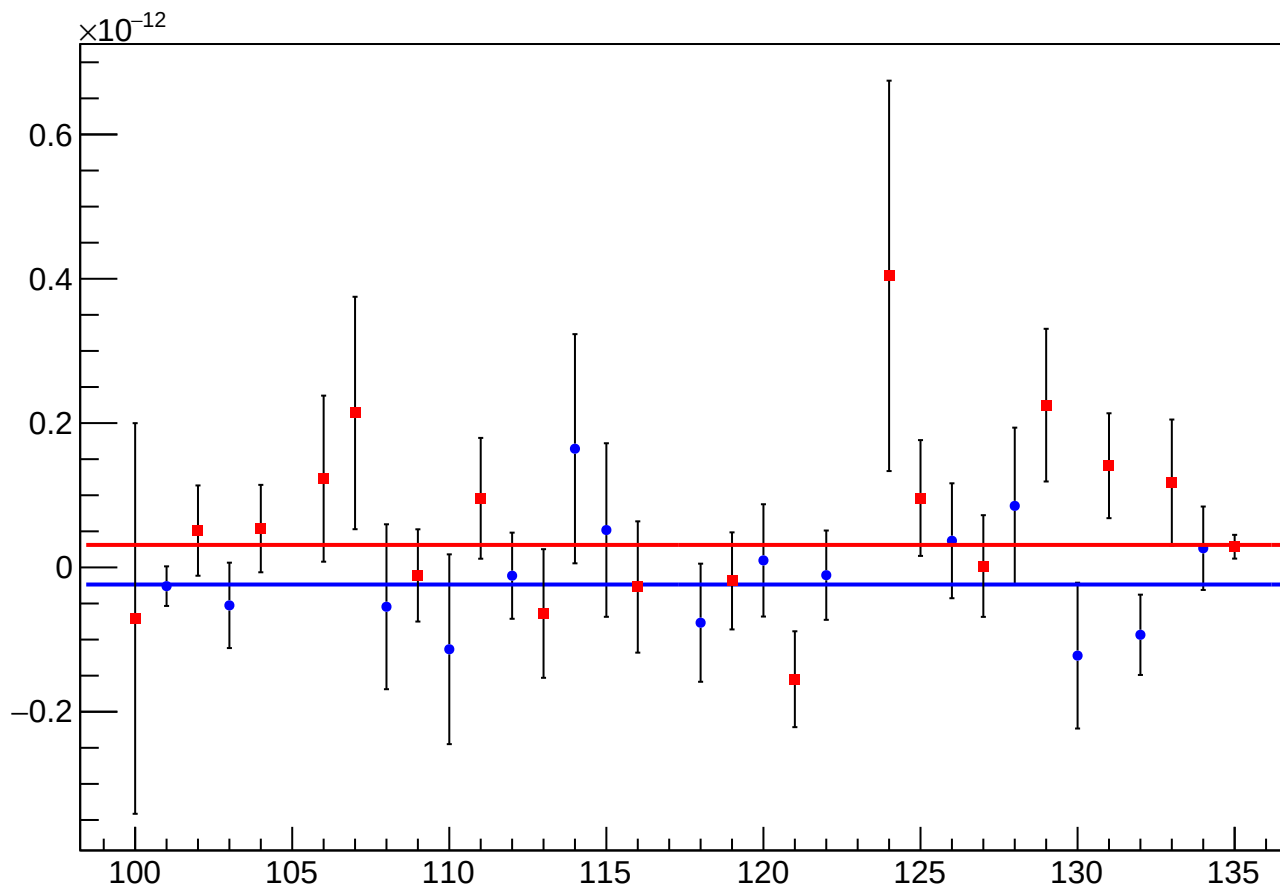
All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 8.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 22.6/17

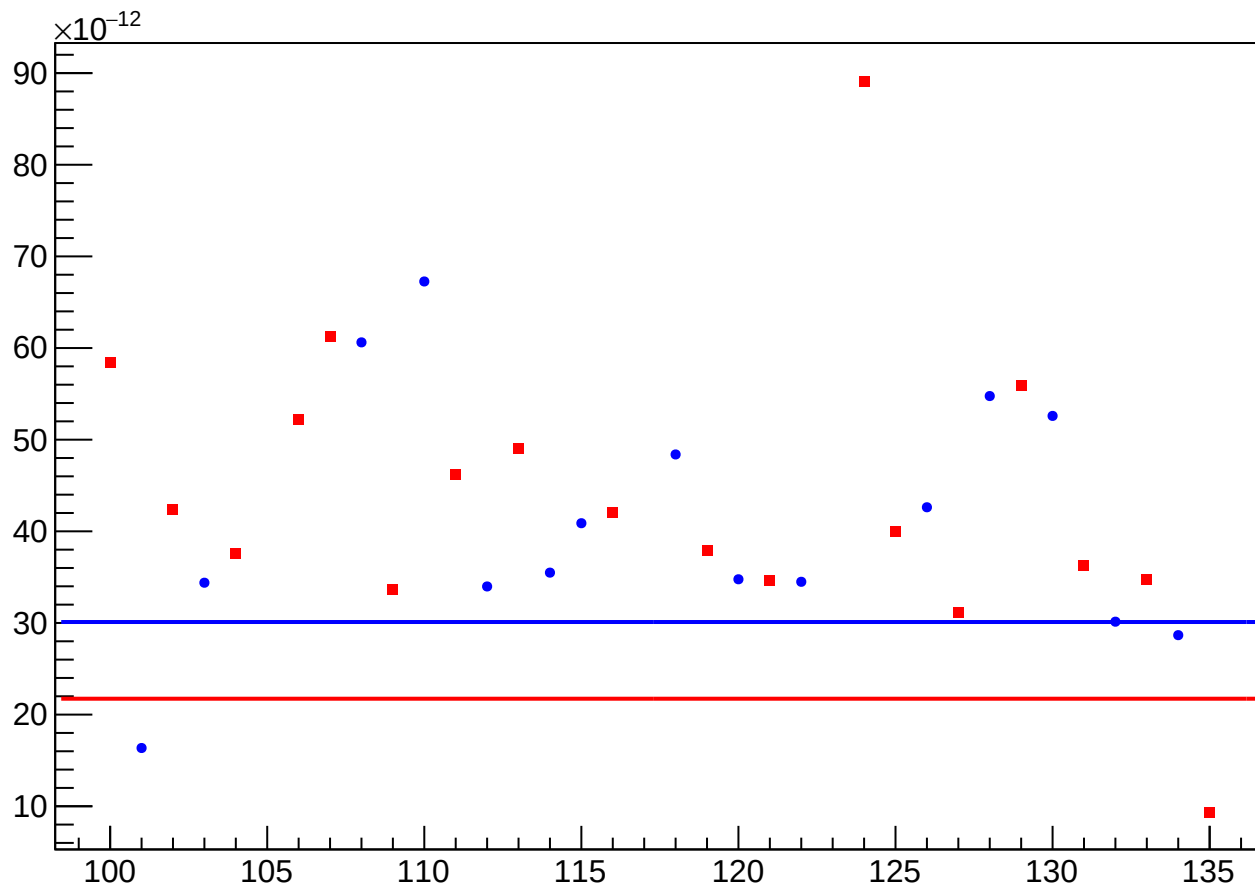
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 37.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_atl_dd_atr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1212034.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3107811.1/17

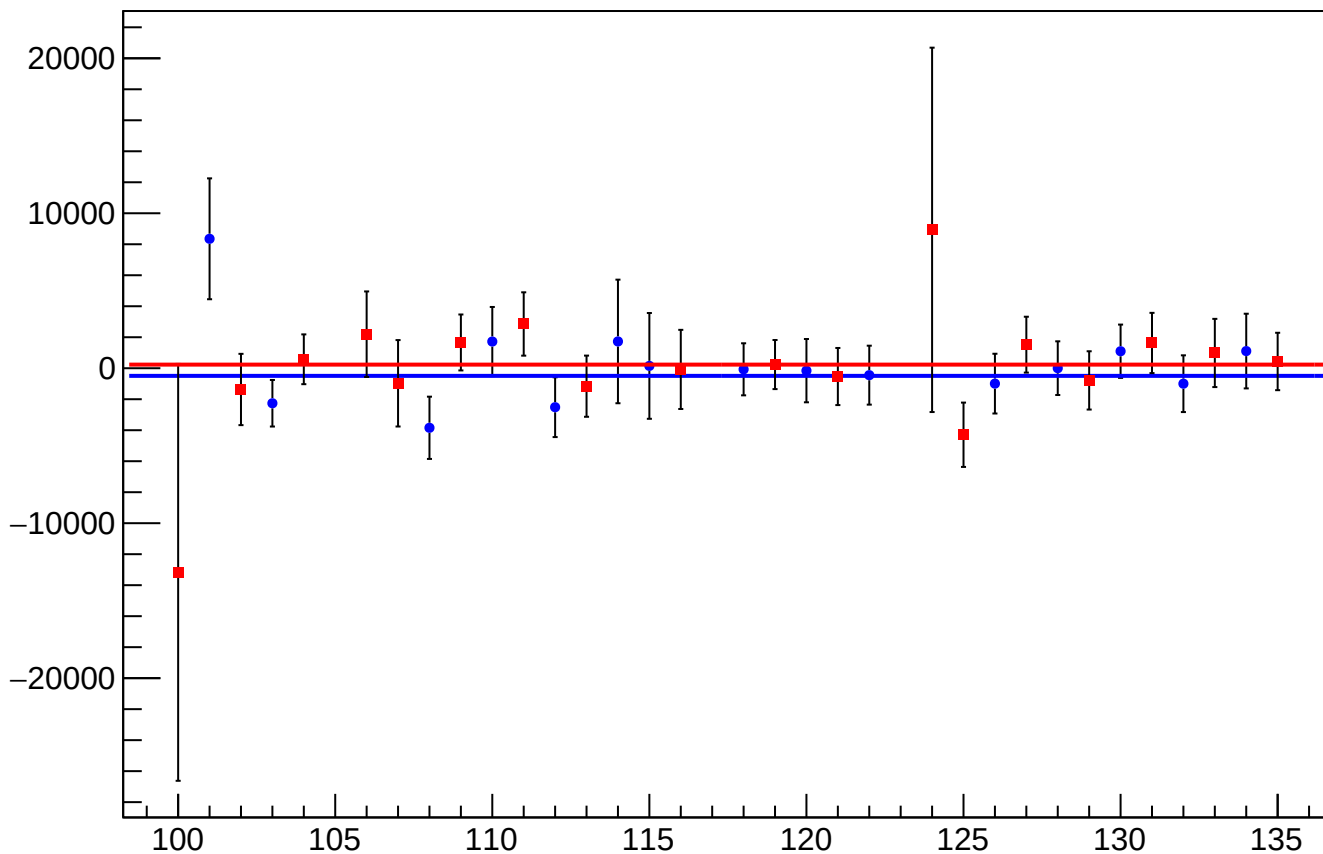
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4643340.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -492.842+/-522.899 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.990+/-494.825 χ^2/NDF : 11.9/17

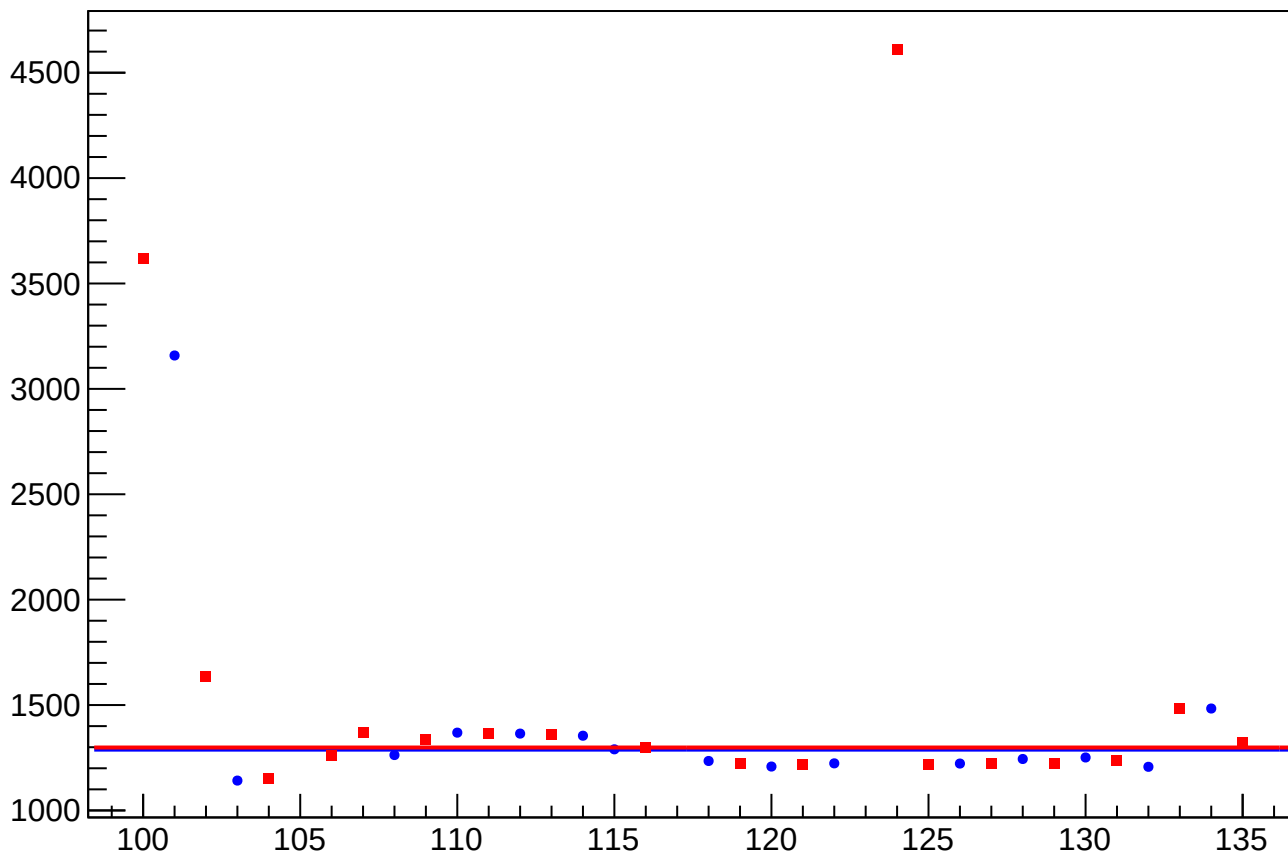
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -109.919+/-359.409 χ^2/NDF : 26.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514622.8/14

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

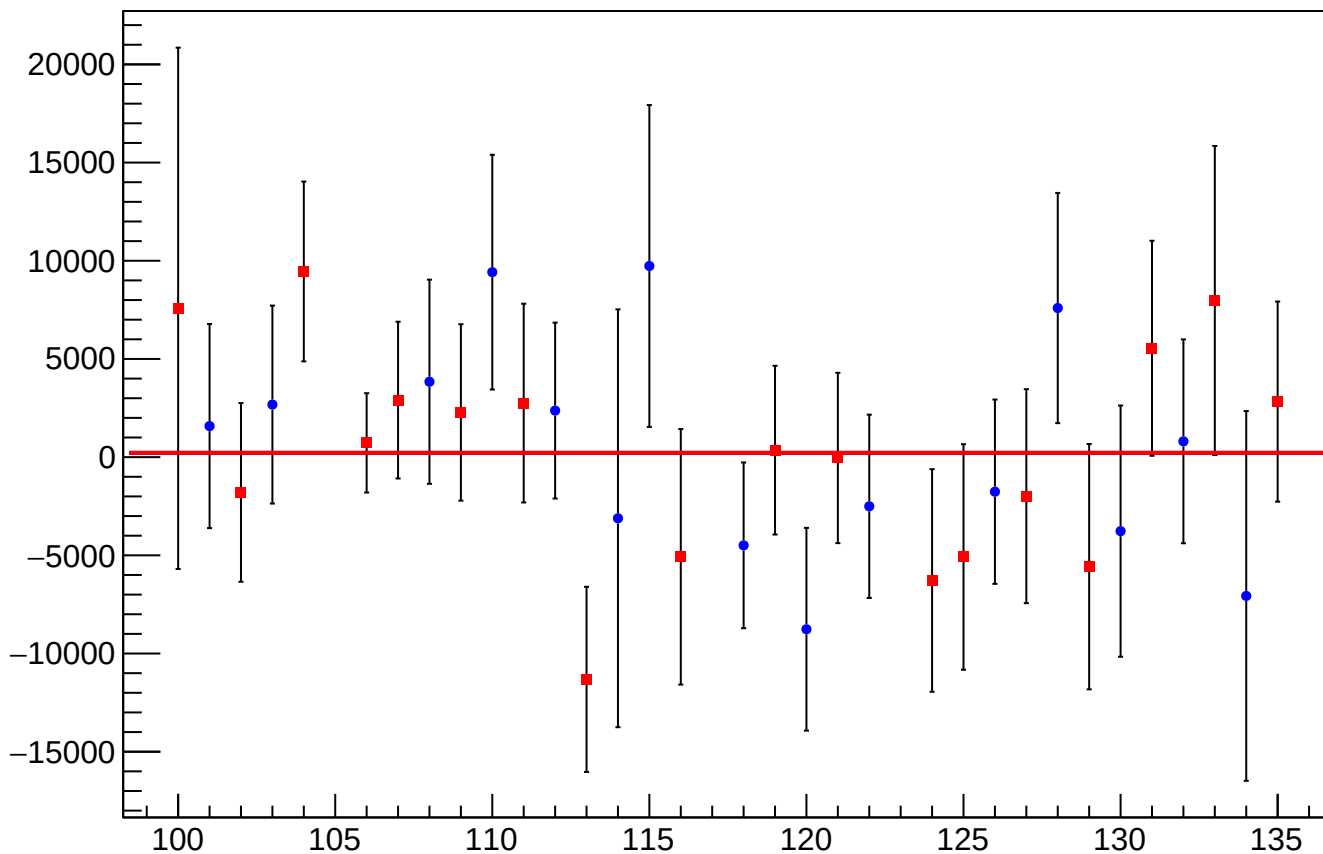
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1293.799 $\pm$ 0.254 χ^2 /NDF: 834377.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_mean vs Slug



Right In: 216.575 $\pm$ 1411.418 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 219.753 $\pm$ 1122.104 χ^2 /NDF: 17.6/17

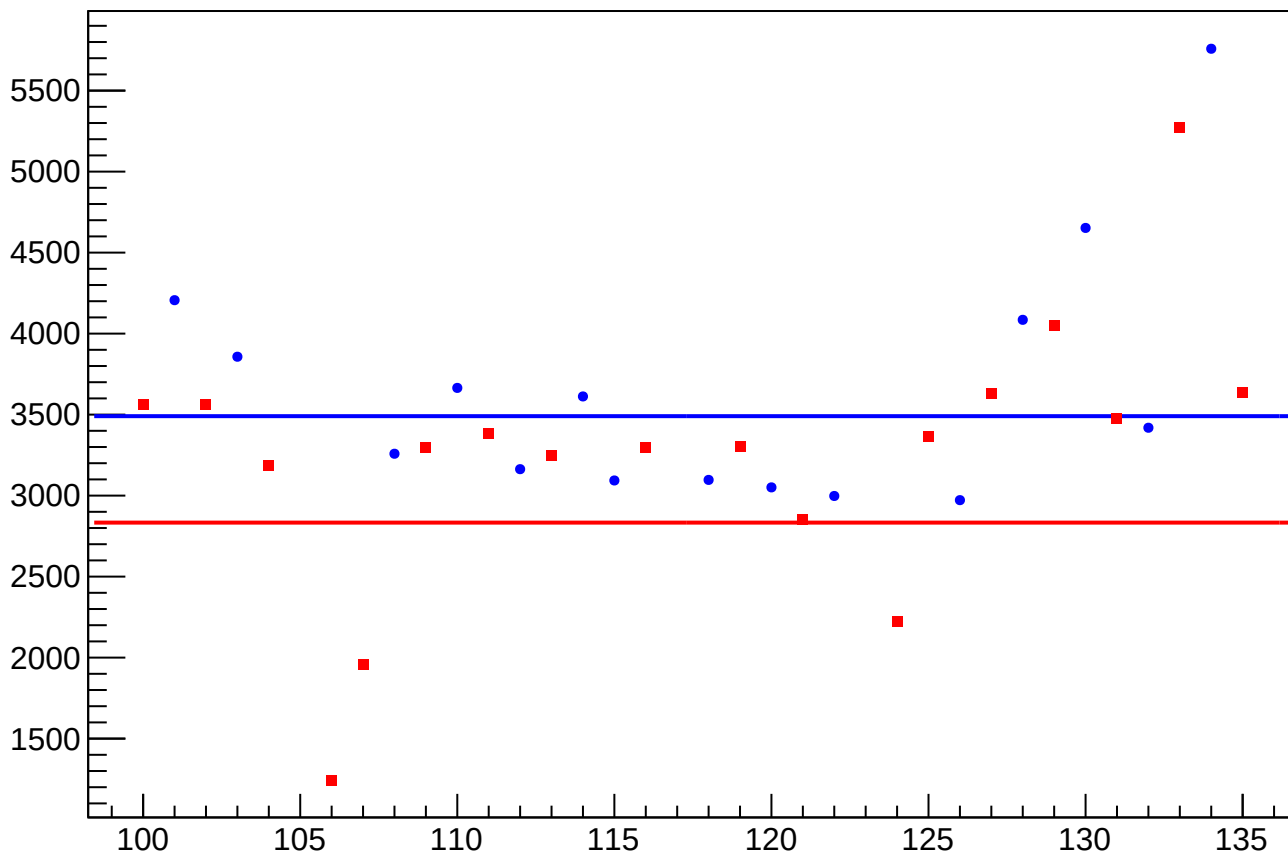
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.523 $\pm$ 878.346 χ^2 /NDF: 29.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_reg_correction_rms vs Slug



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

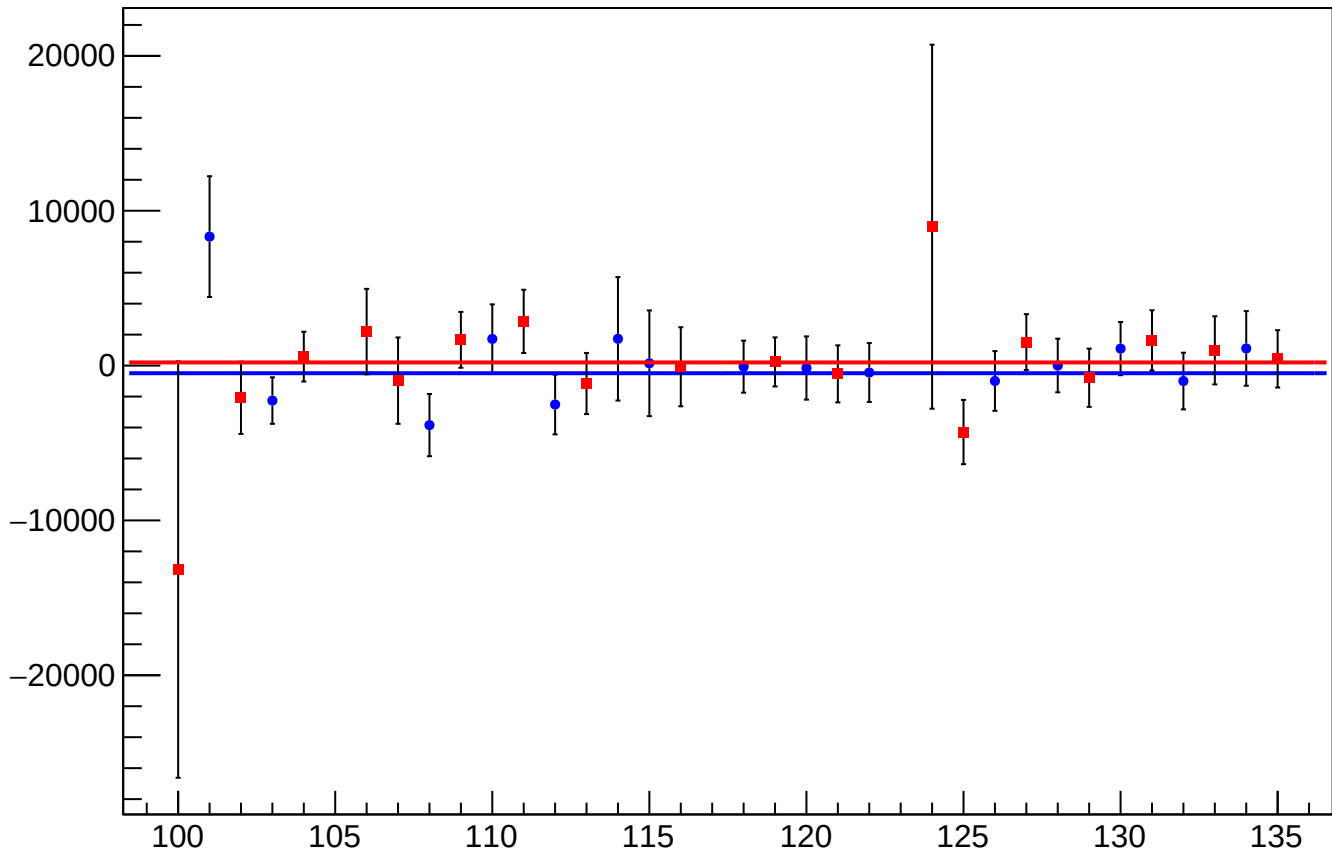
Right Out: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

All: 3087.815+/-0.621 χ^2/NDF : 2099459.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -493.297 ± 522.899 χ^2/NDF : 13.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 203.326 ± 495.163 χ^2/NDF : 12.4/17

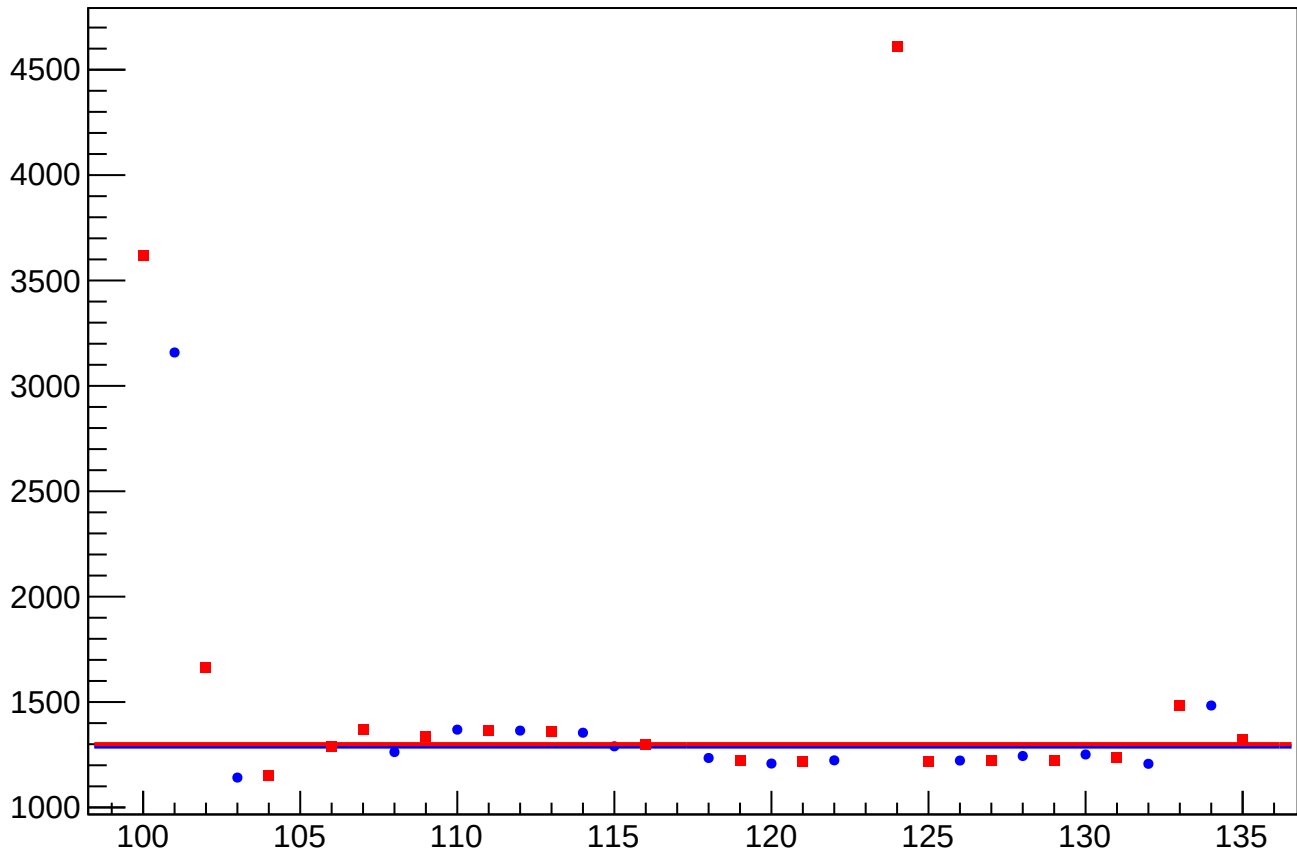
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -126.021 ± 359.539 χ^2/NDF : 26.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514624.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

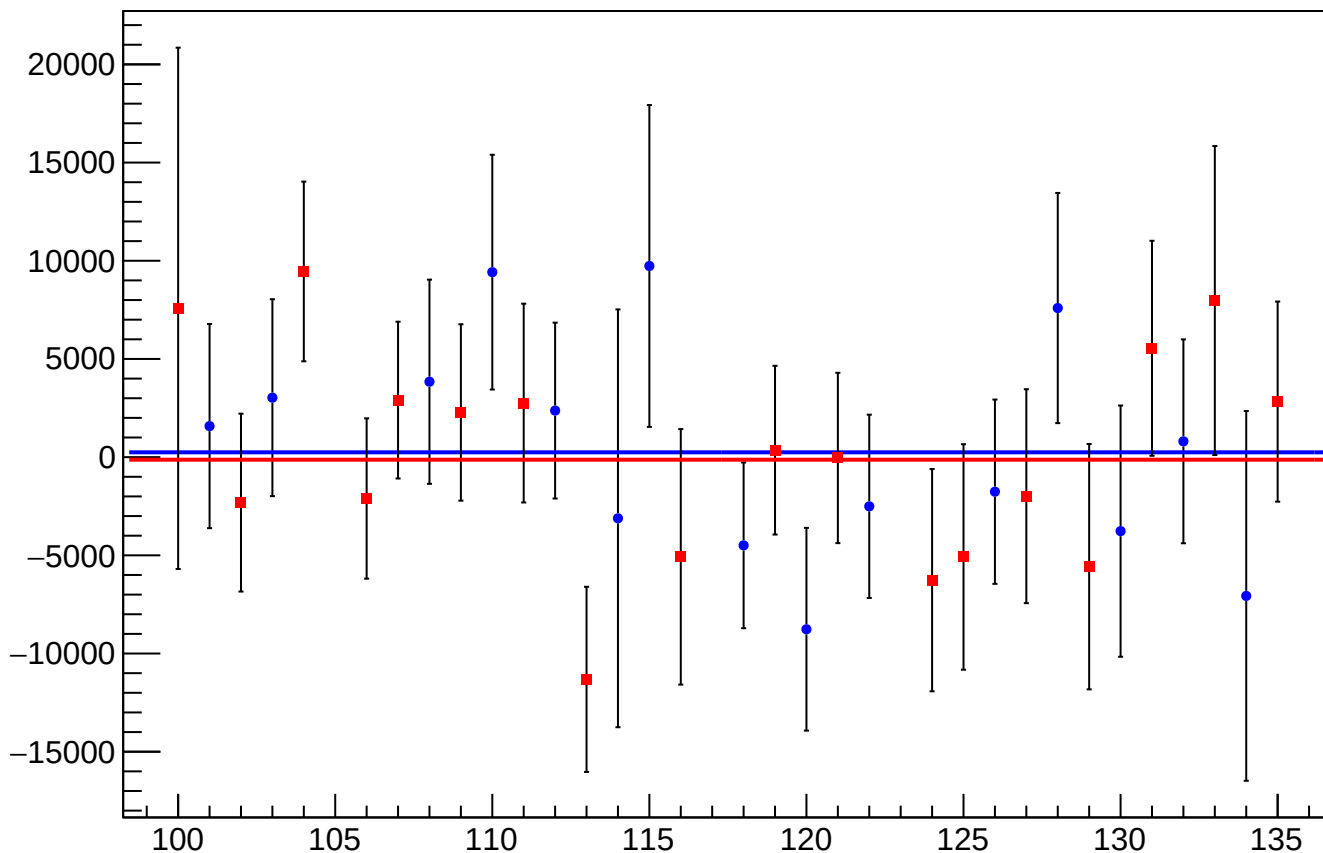
Right Out: 1300.591 $\pm$ 0.349 χ^2 /NDF: 325905.1/17

All: 1294.893 $\pm$ 0.254 χ^2 /NDF: 841092.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_mean vs Slug



Right In: 246.211 $\pm$ 1410.868 χ^2 /NDF: 12.3/14

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

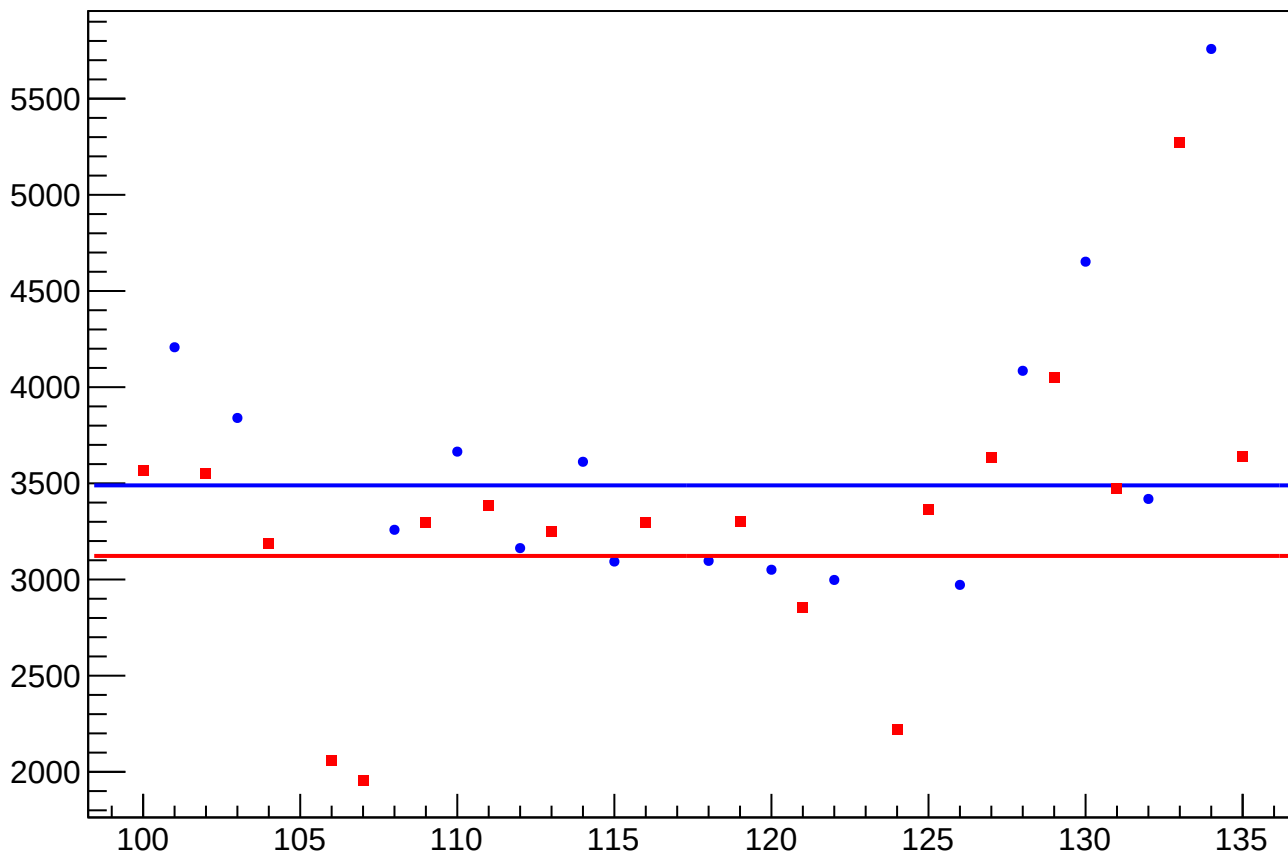
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.261 $\pm$ 912.541 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_cor_correction_rms vs Slug



Right In: 3489.402 $\pm$ 0.998 χ^2 /NDF: 350758.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

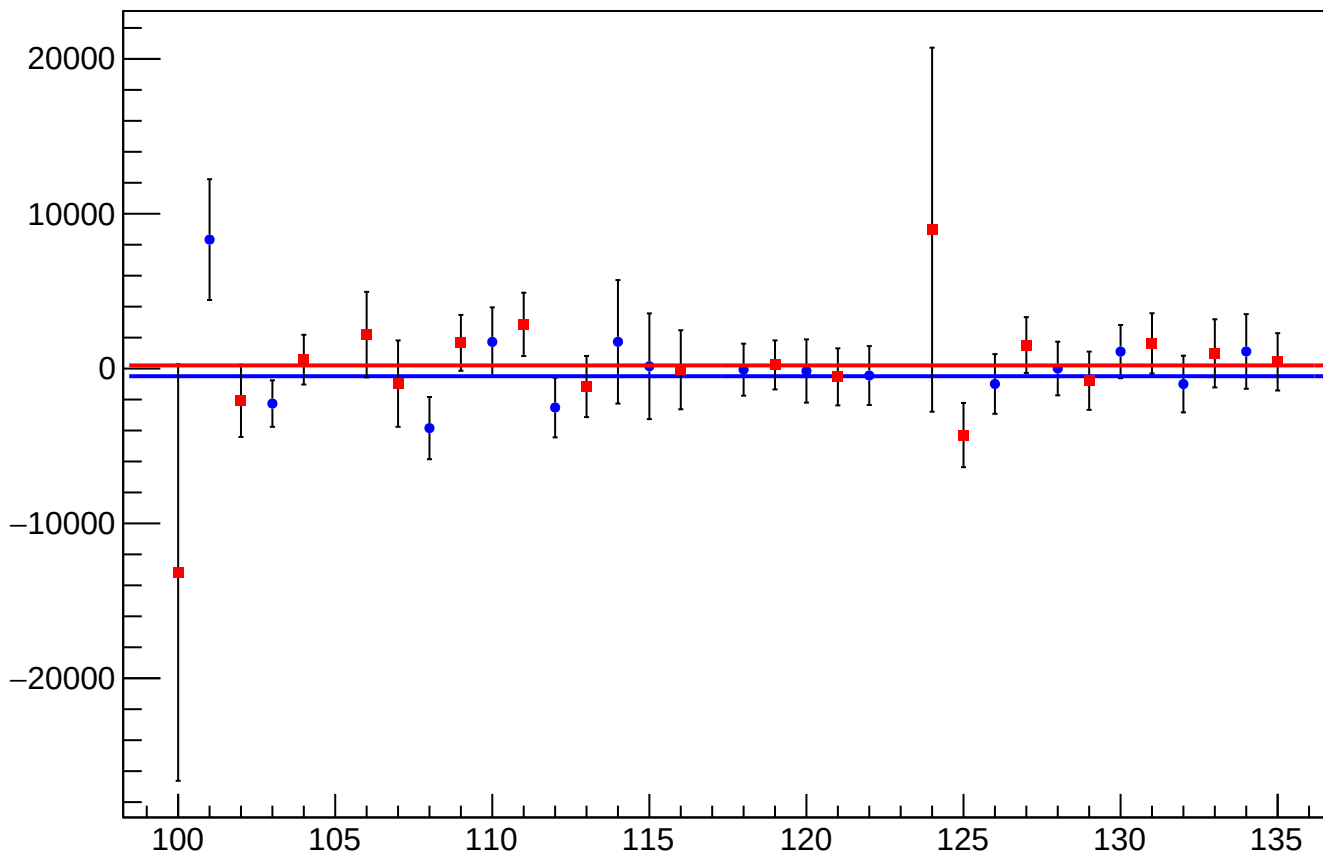
Right Out: 3122.573 $\pm$ 0.846 χ^2 /NDF: 643297.0/17

All: 3276.033 $\pm$ 0.645 χ^2 /NDF: 1072696.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.326+/-495.163 χ^2/NDF : 12.4/17

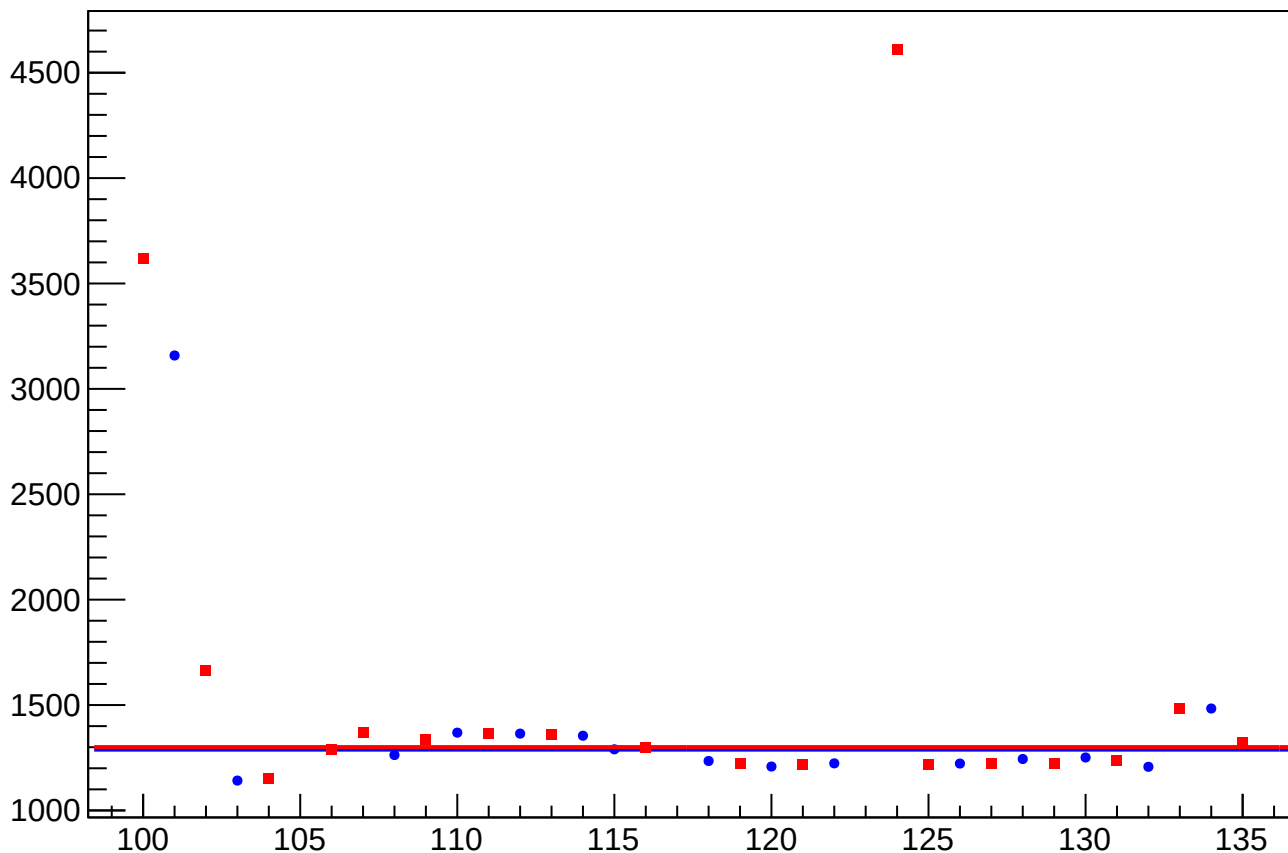
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.021+/-359.539 χ^2/NDF : 26.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514624.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1300.591 $\pm$ 0.349 χ^2 /NDF: 325905.1/17

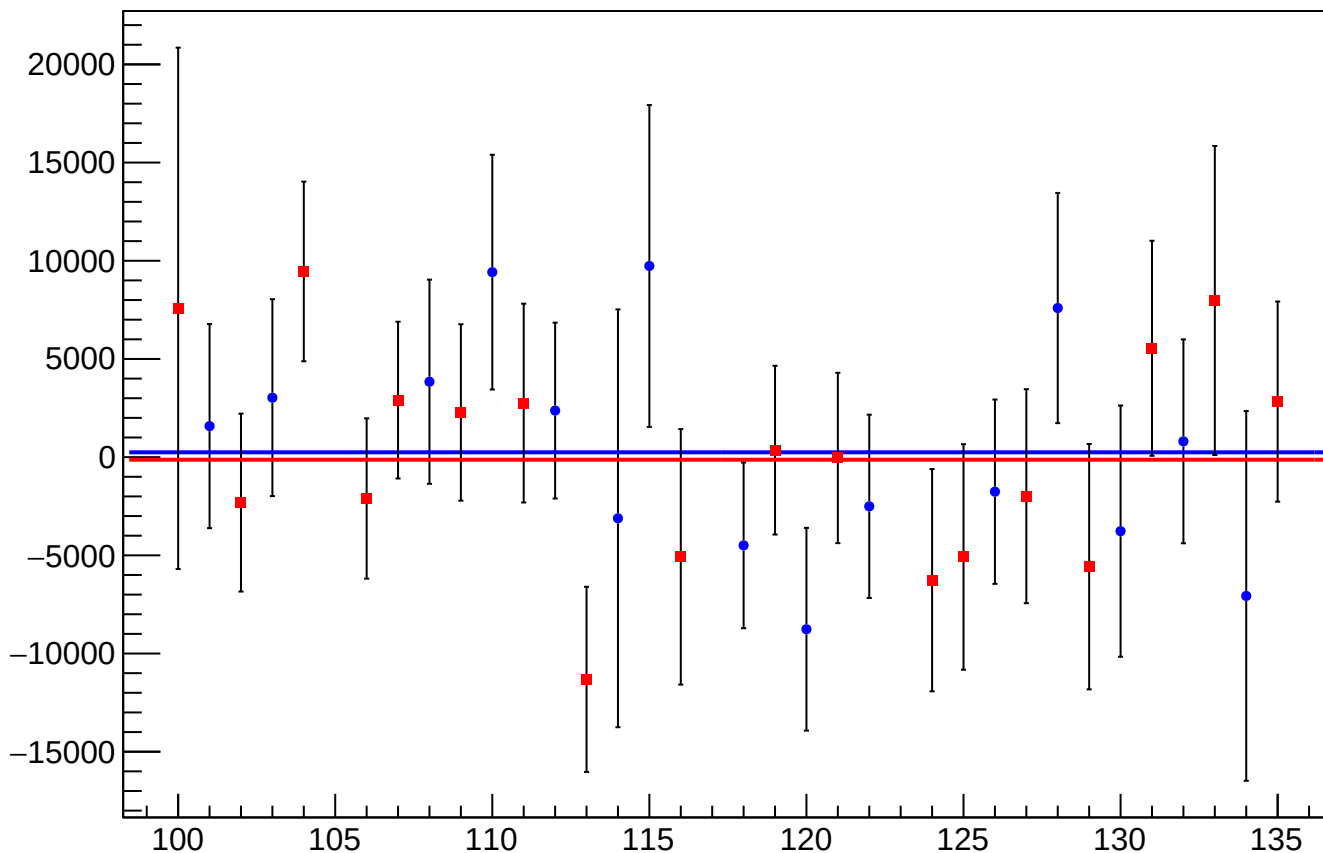
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1294.893 $\pm$ 0.254 χ^2 /NDF: 841092.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 246.211+/-1410.868 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -130.214+/-1196.517 χ^2/NDF : 17.9/17

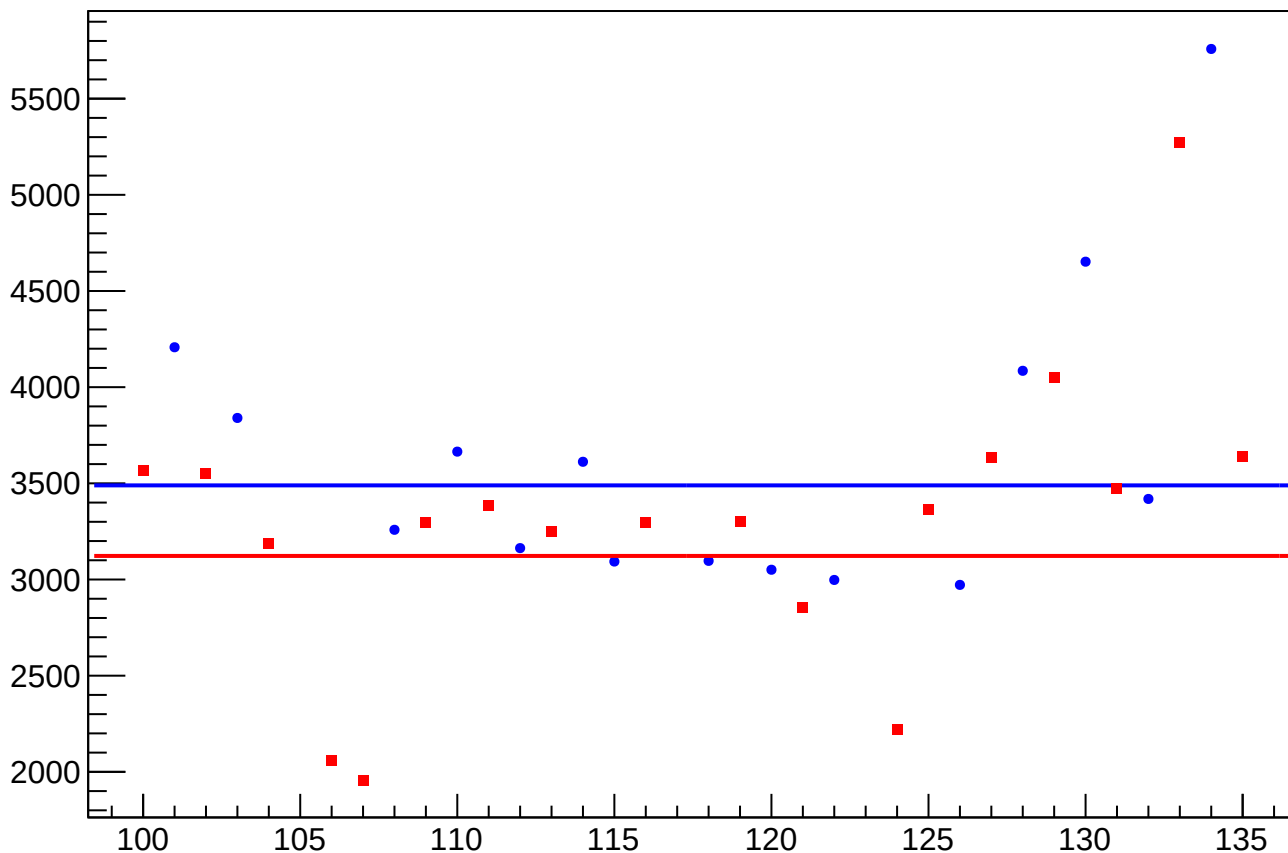
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.261+/-912.541 χ^2/NDF : 30.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 3489.402 $\pm$ 0.998 χ^2 /NDF: 350758.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

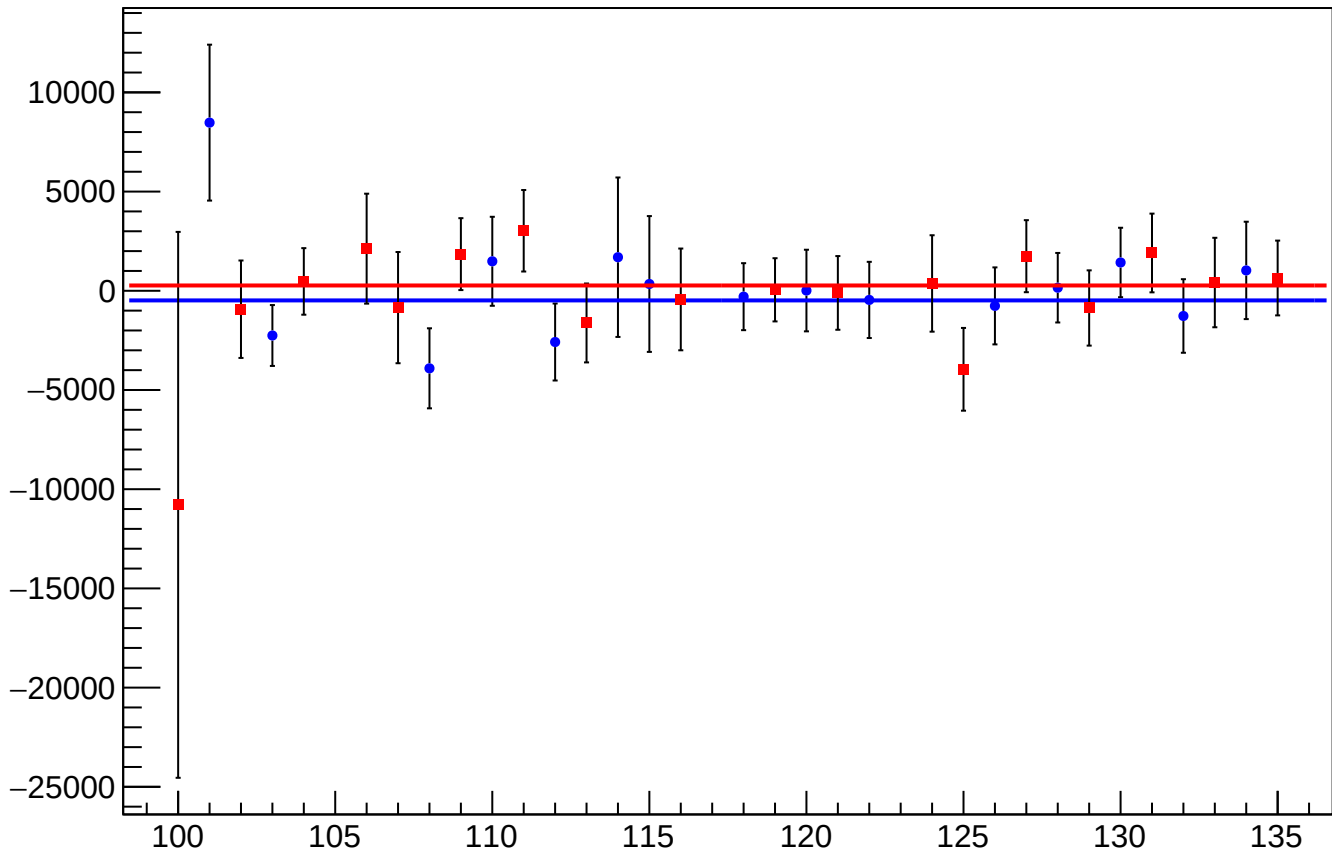
Right Out: 3122.573 $\pm$ 0.846 χ^2 /NDF: 643297.0/17

All: 3276.033 $\pm$ 0.645 χ^2 /NDF: 1072696.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -485.013 ± 528.473 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 267.829 ± 492.176 χ^2/NDF : 11.0/17

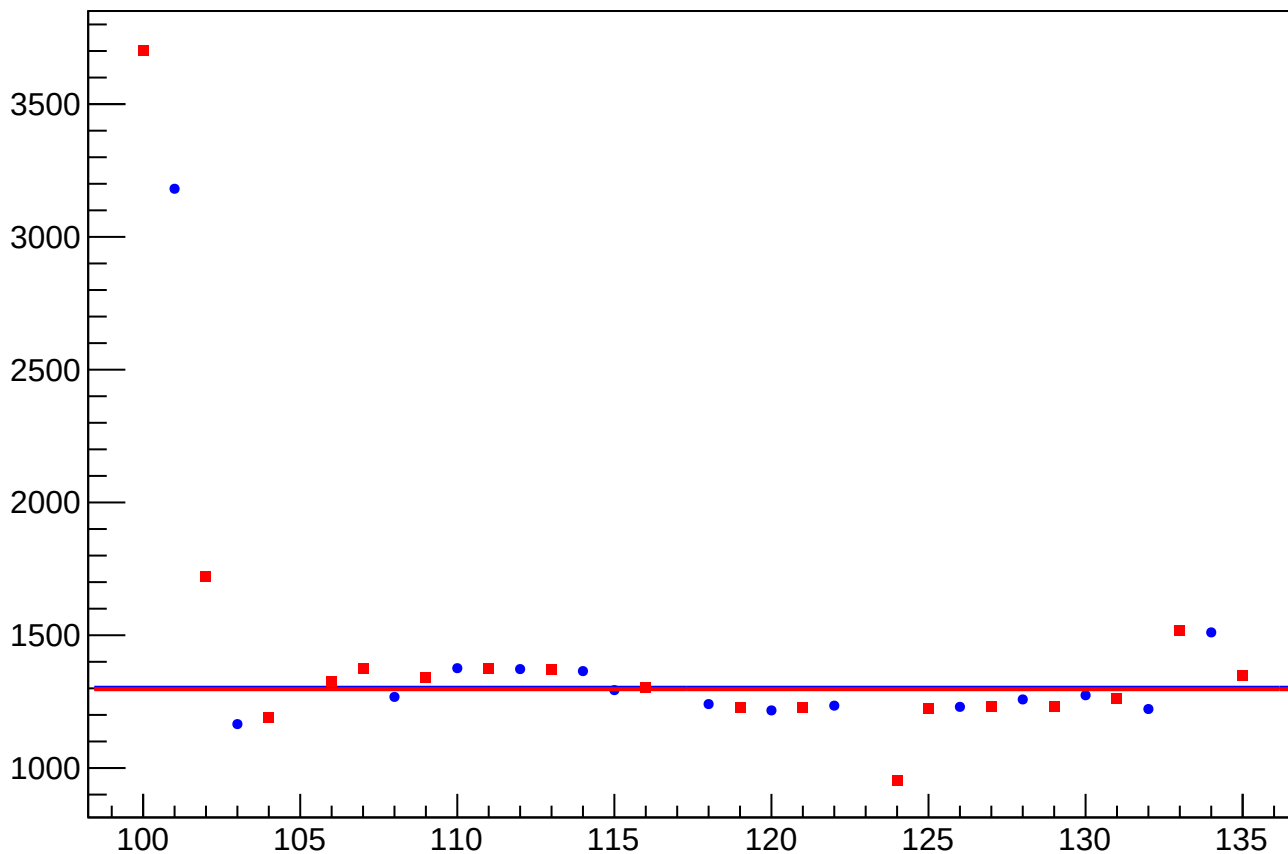
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.852 ± 360.170 χ^2/NDF : 25.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1302.348 $\pm$ 0.374 χ^2 /NDF: 510413.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

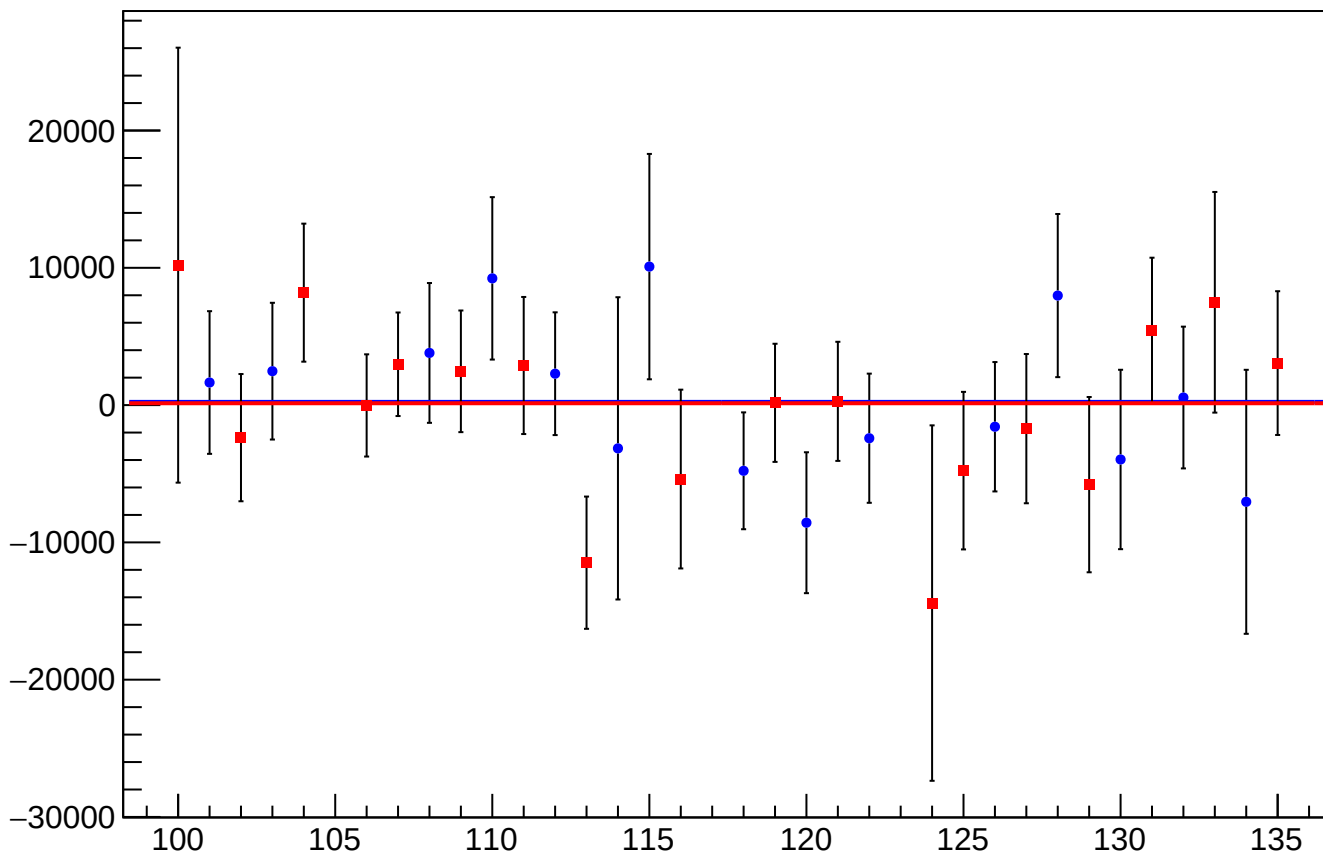
Right Out: 1296.732 $\pm$ 0.348 χ^2 /NDF: 212745.9/17

All: 1299.338 $\pm$ 0.255 χ^2 /NDF: 723280.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_mean vs Slug



Right In: 234.123 $\pm$ 1412.627 χ^2 /NDF: 12.3/14

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

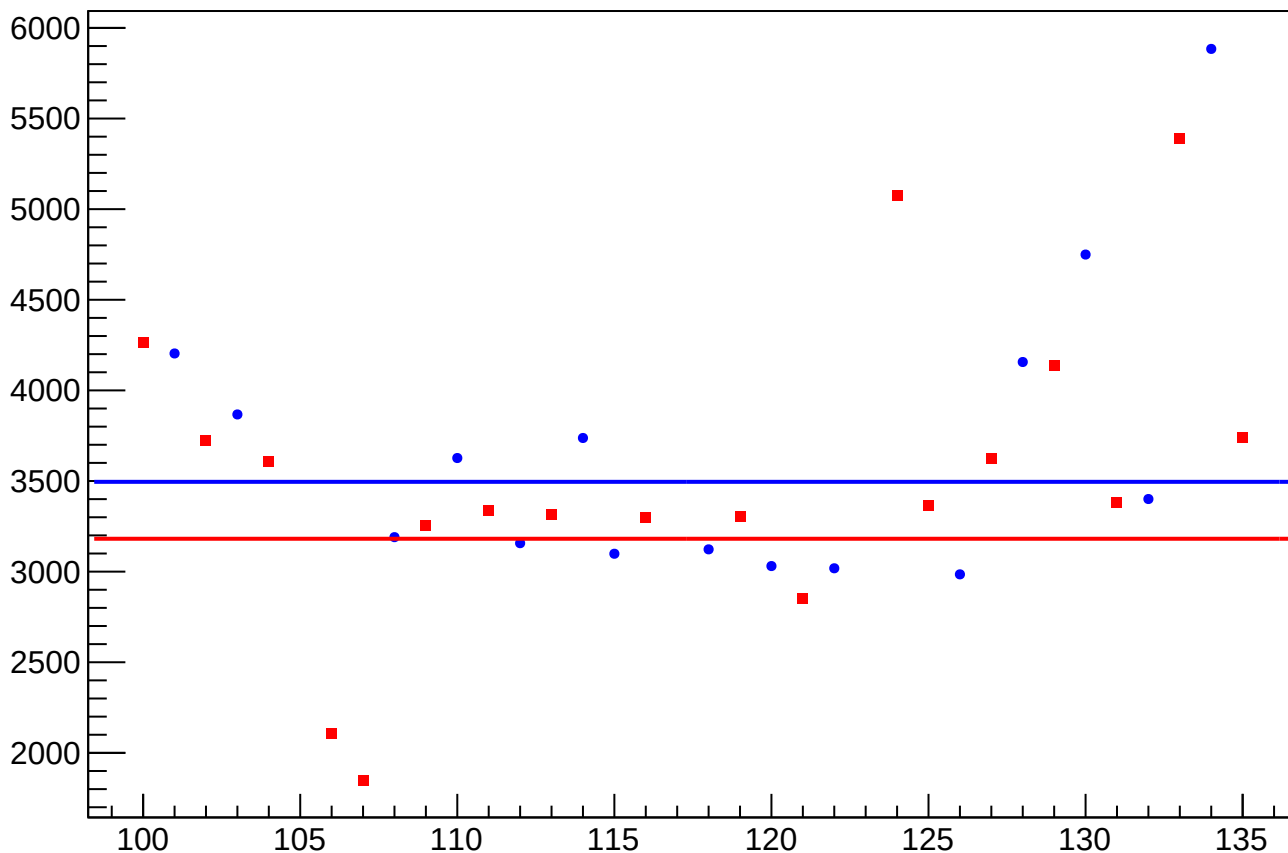
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.325 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_correction_rms vs Slug



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

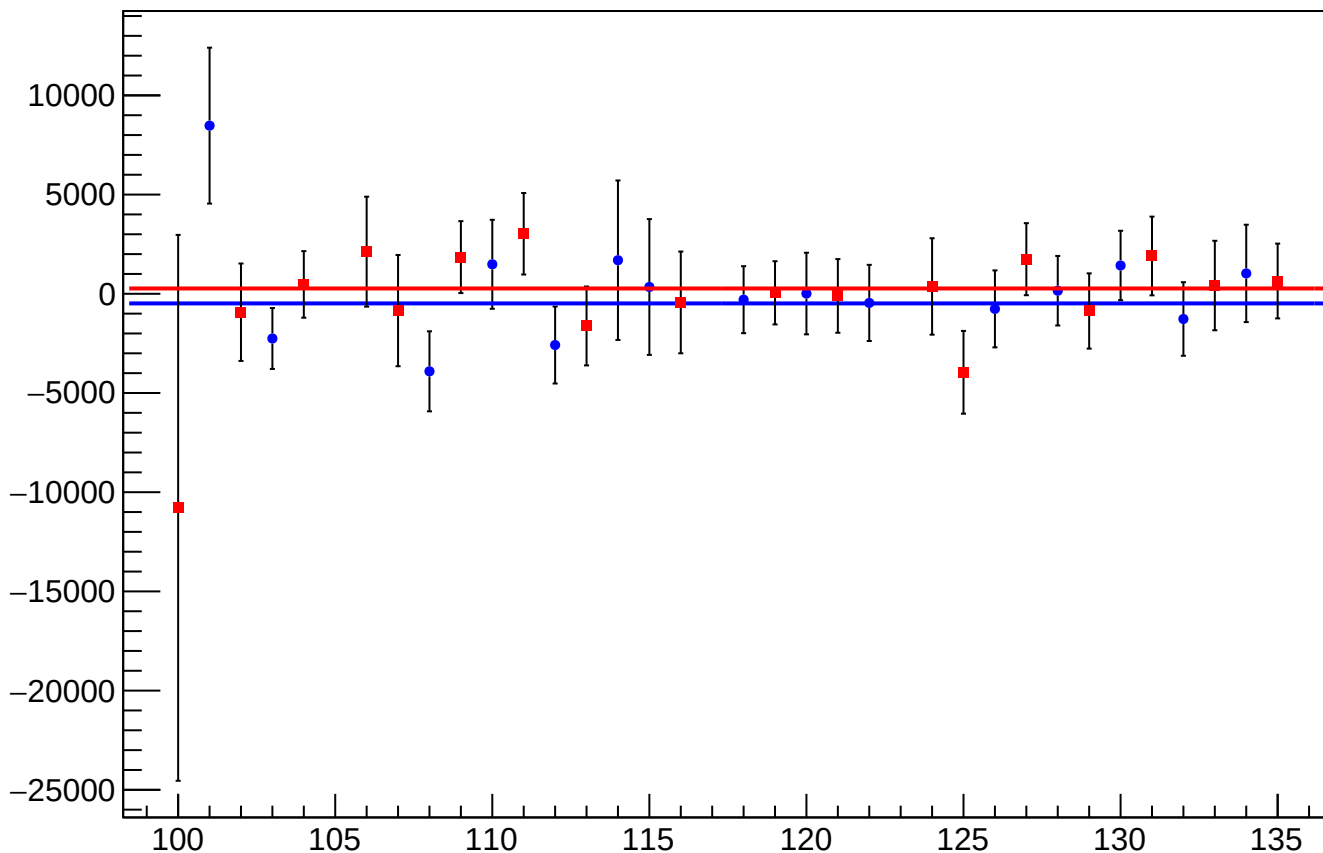
Right Out: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

All: 3314.714+/-0.651 χ^2/NDF : 1193915.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -485.016+/-528.473 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 267.835+/-492.176 χ^2/NDF : 11.0/17

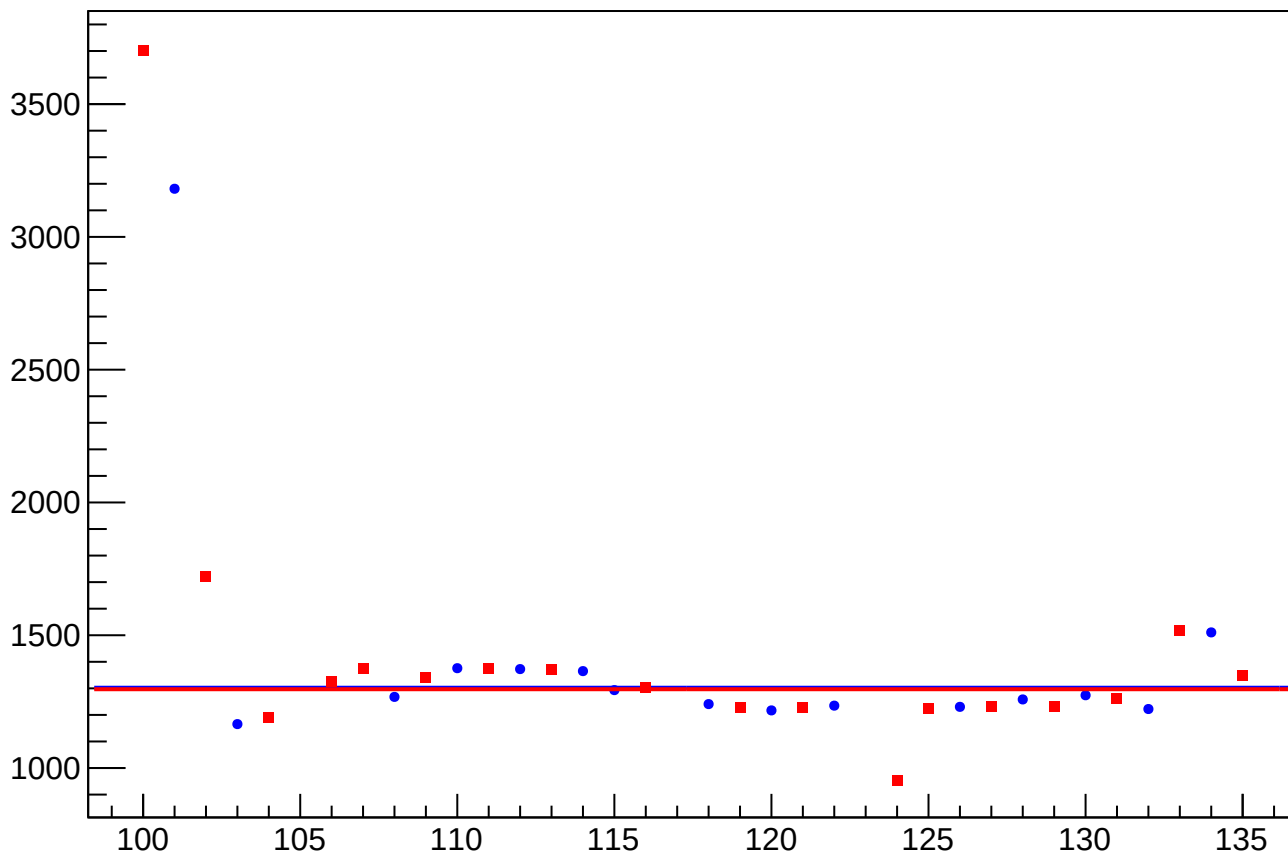
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -81.850+/-360.170 χ^2/NDF : 25.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.732+/-0.348 χ^2/NDF : 212746.0/17

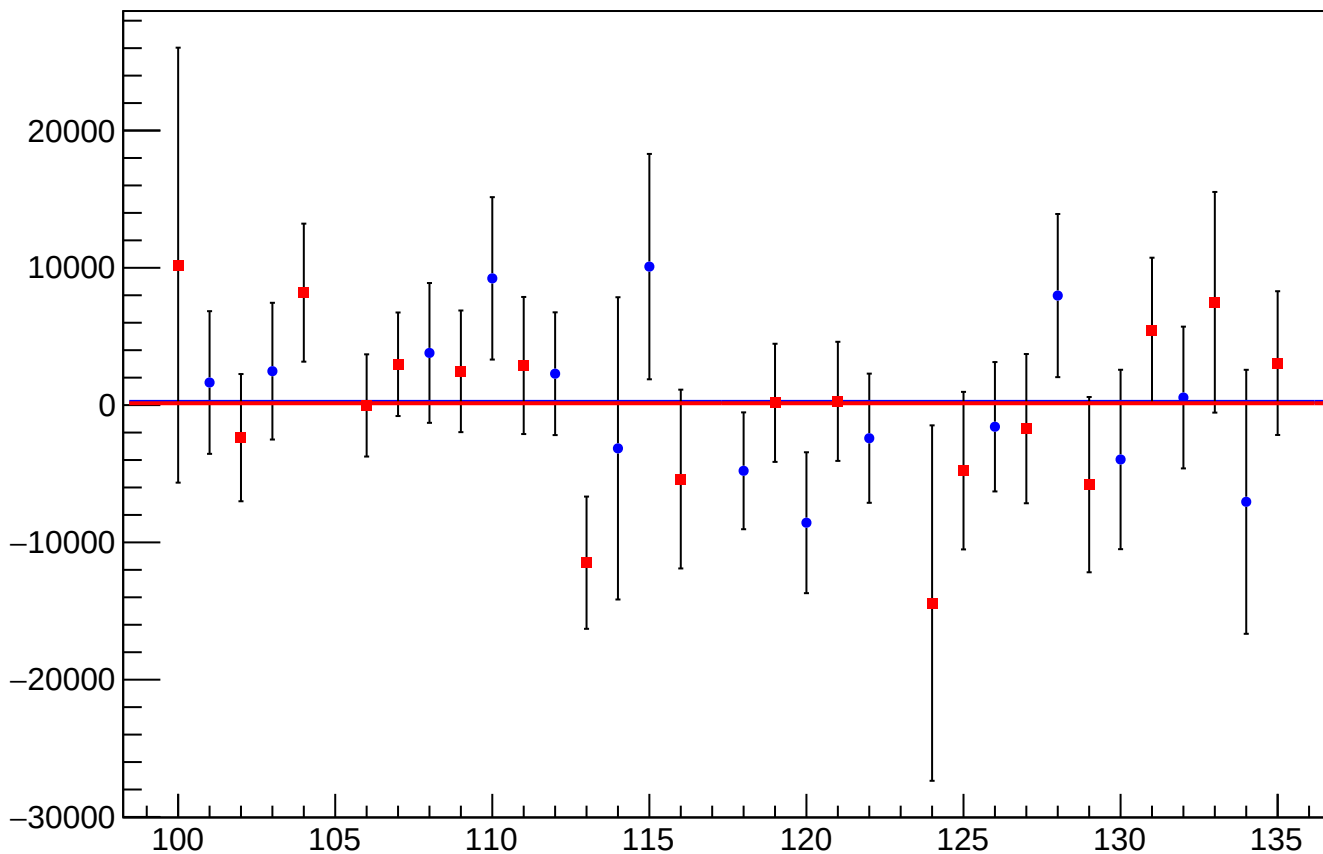
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.338+/-0.255 χ^2/NDF : 723281.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

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

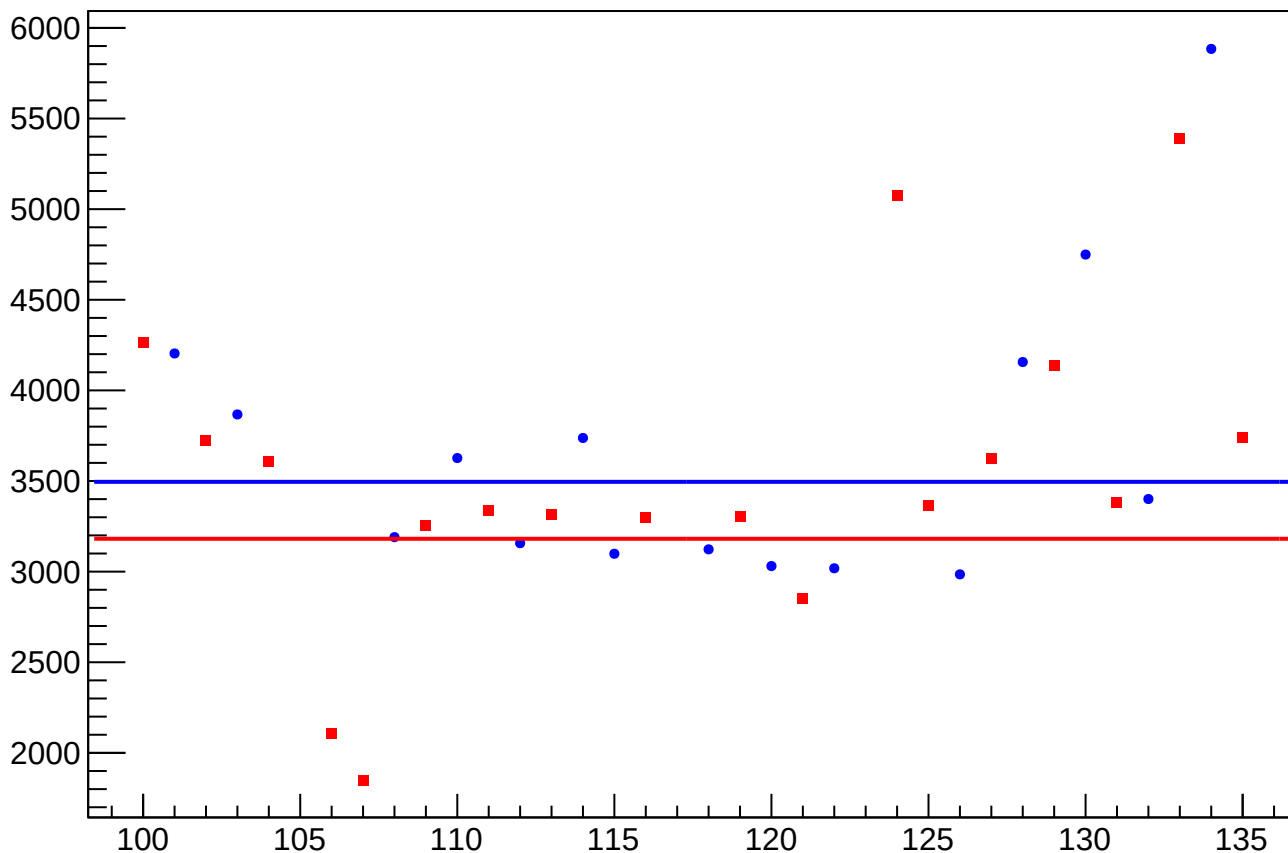
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.322 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 3495.482 $\pm$ 0.999 χ^2 /NDF: 371907.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3181.387 $\pm$ 0.858 χ^2 /NDF: 765103.7/17

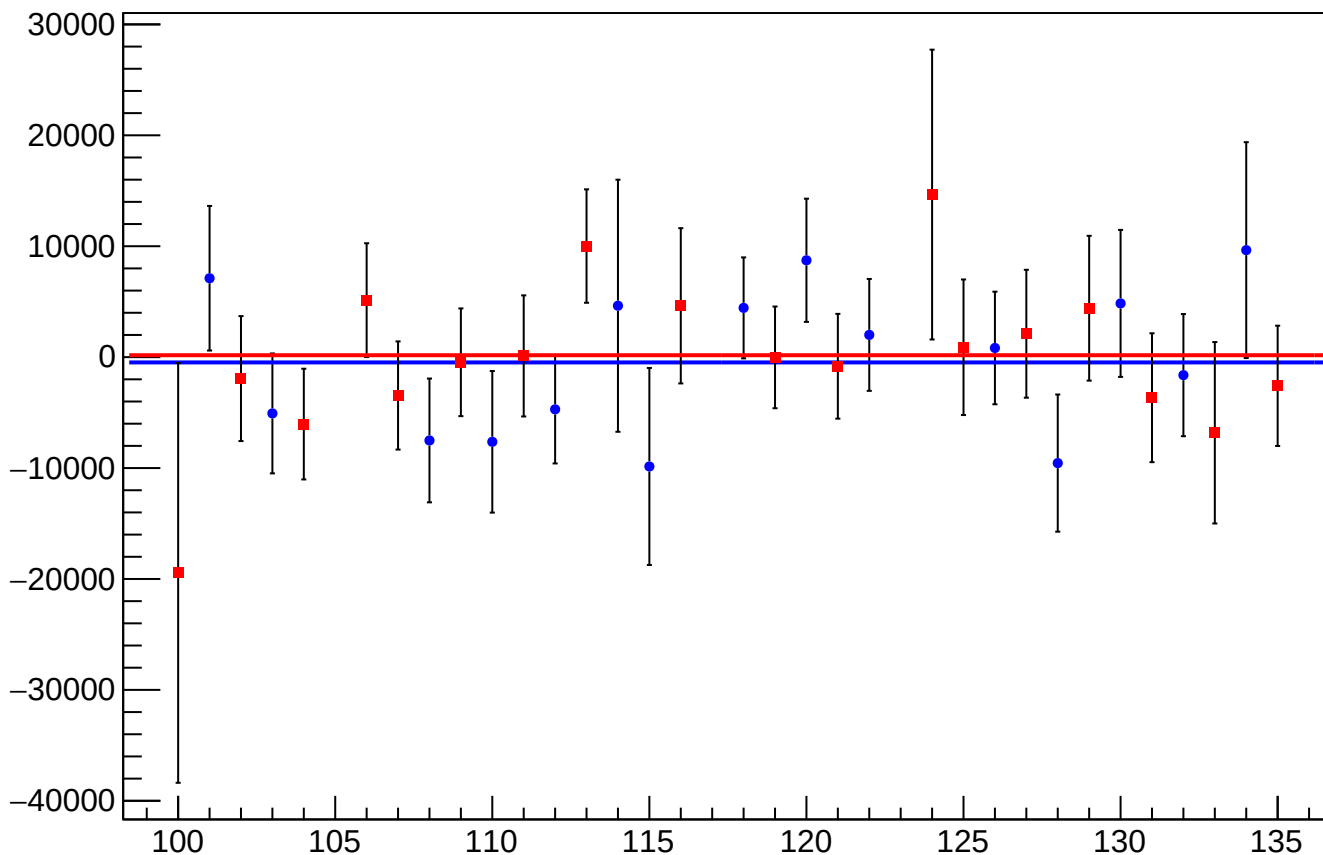
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3314.705 $\pm$ 0.651 χ^2 /NDF: 1193920.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_mean vs Slug



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.210+/-1353.051 χ^2/NDF : 11.6/17

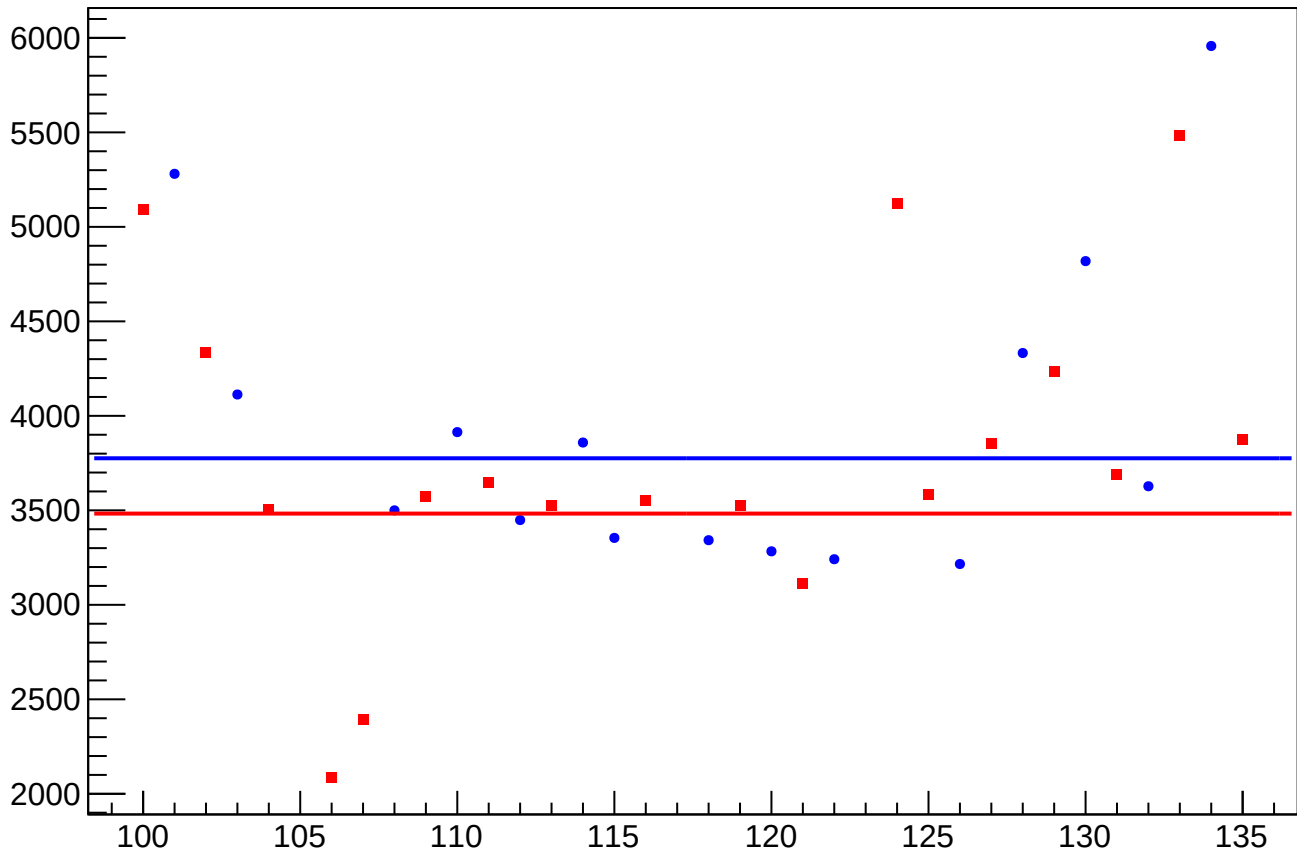
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.386+/-1013.056 χ^2/NDF : 26.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_rms vs Slug



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

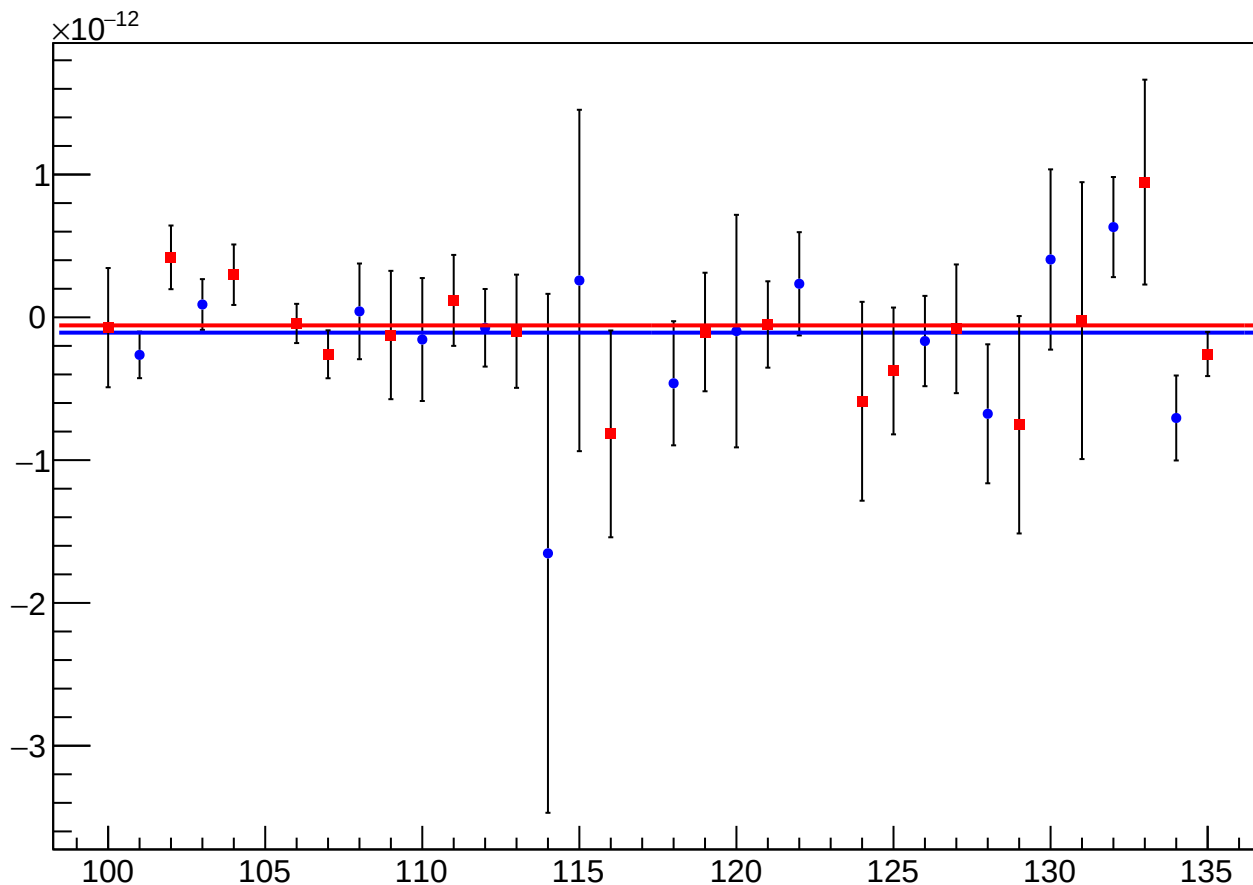
Right Out: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

All: 3609.374+/-0.711 χ^2/NDF : 1007763.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/17

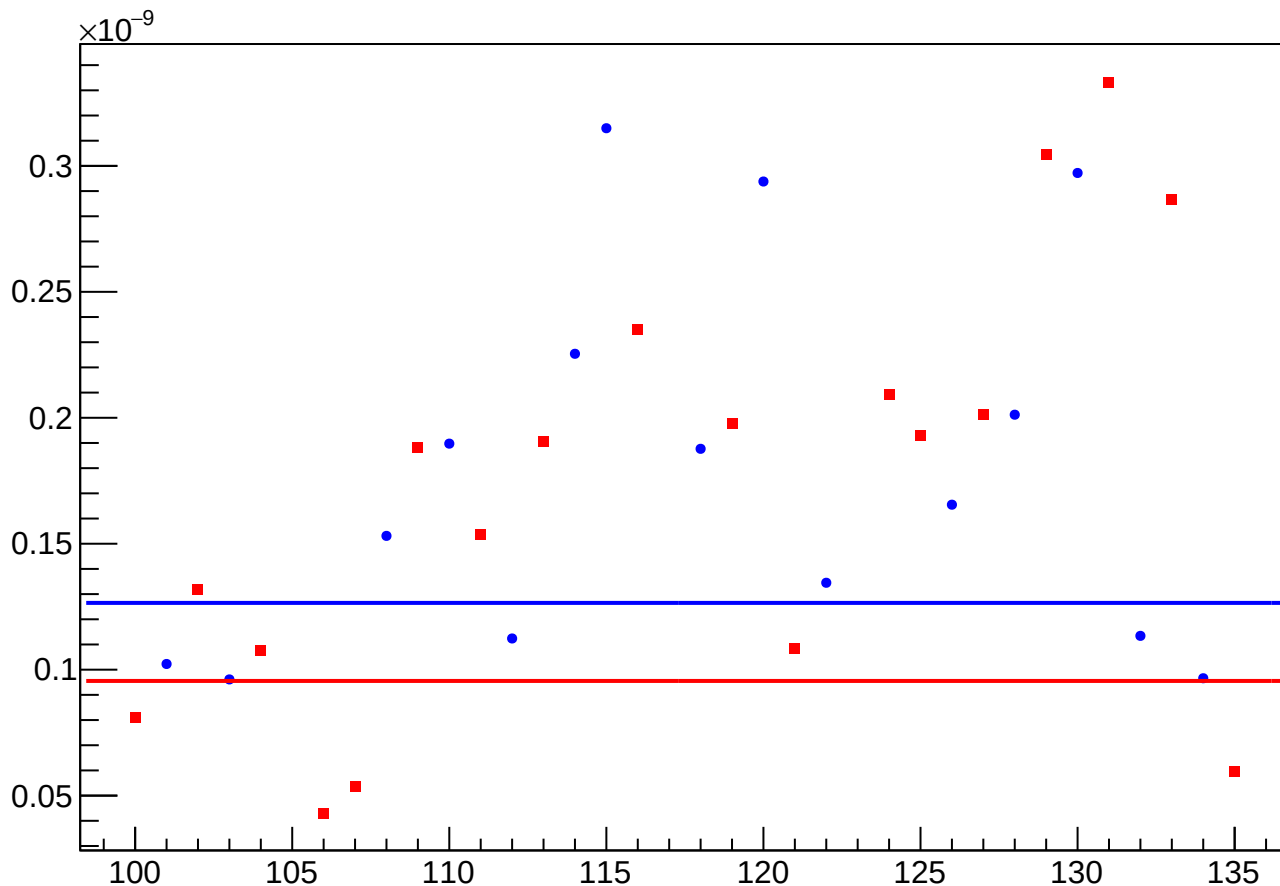
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 591380.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1728189.7/17

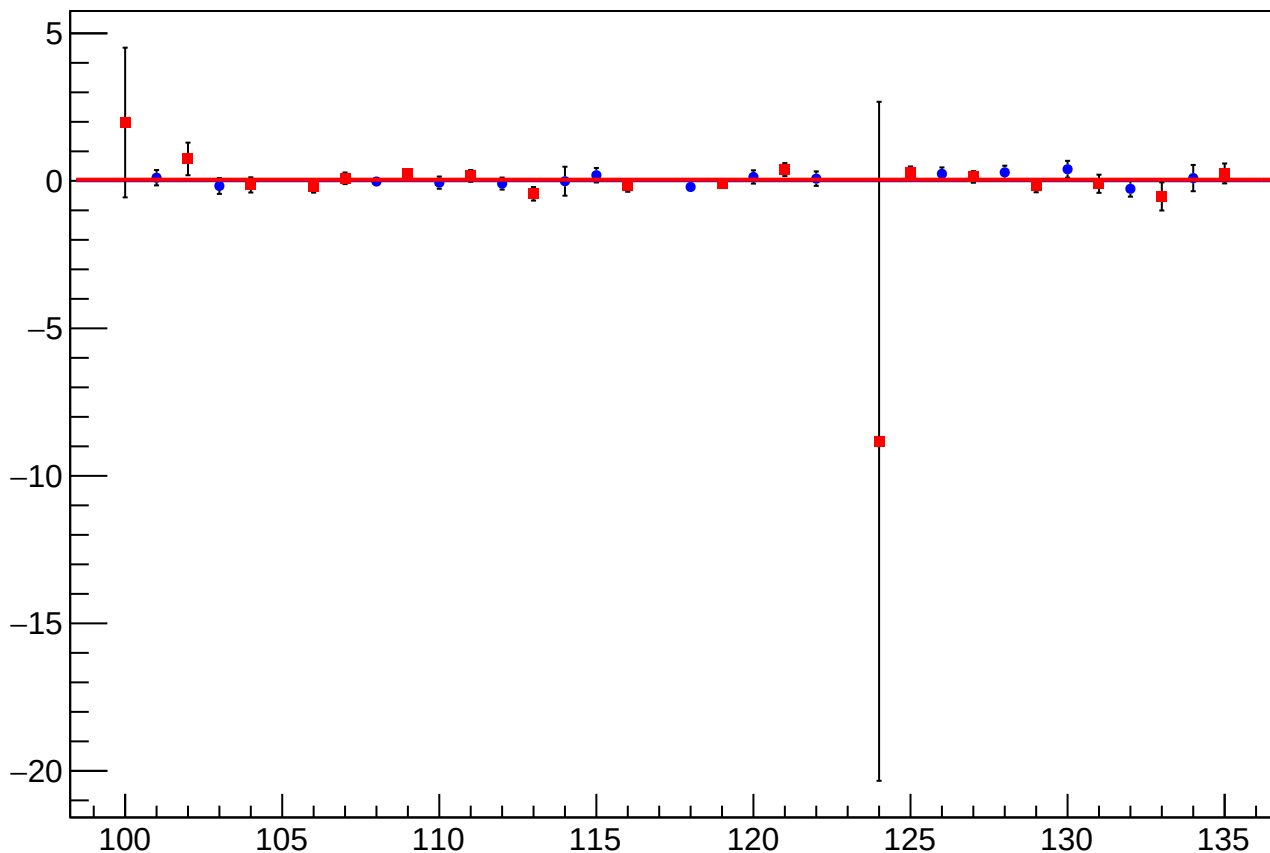
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2494553.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

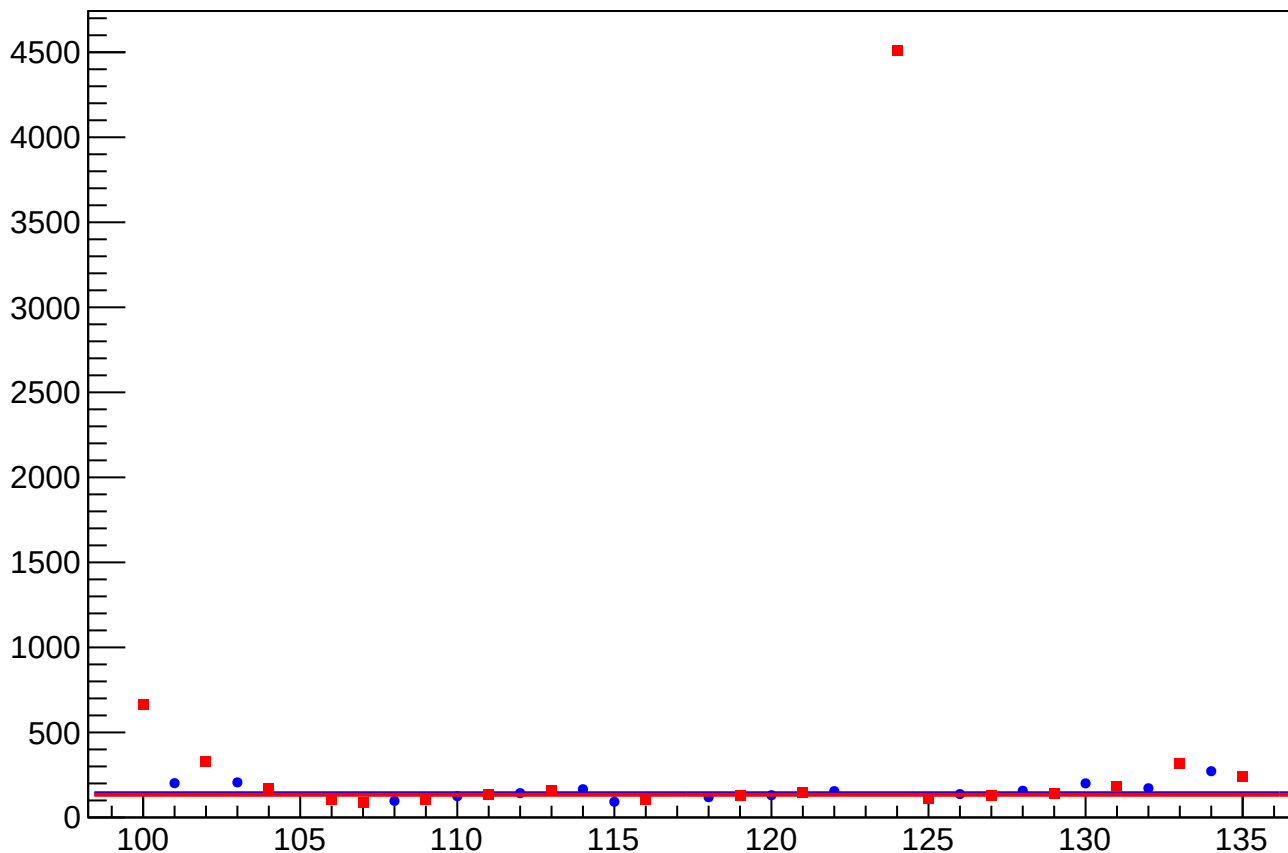
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

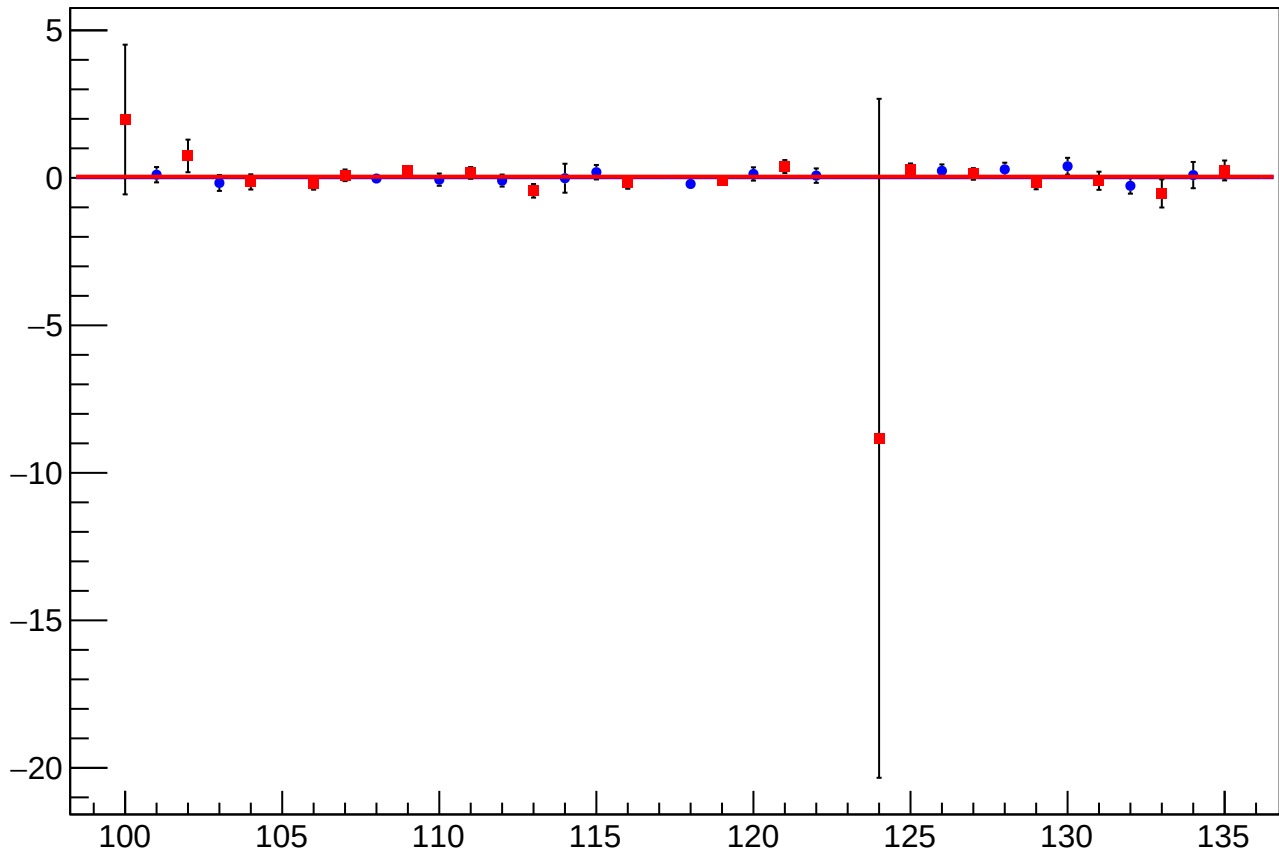
Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

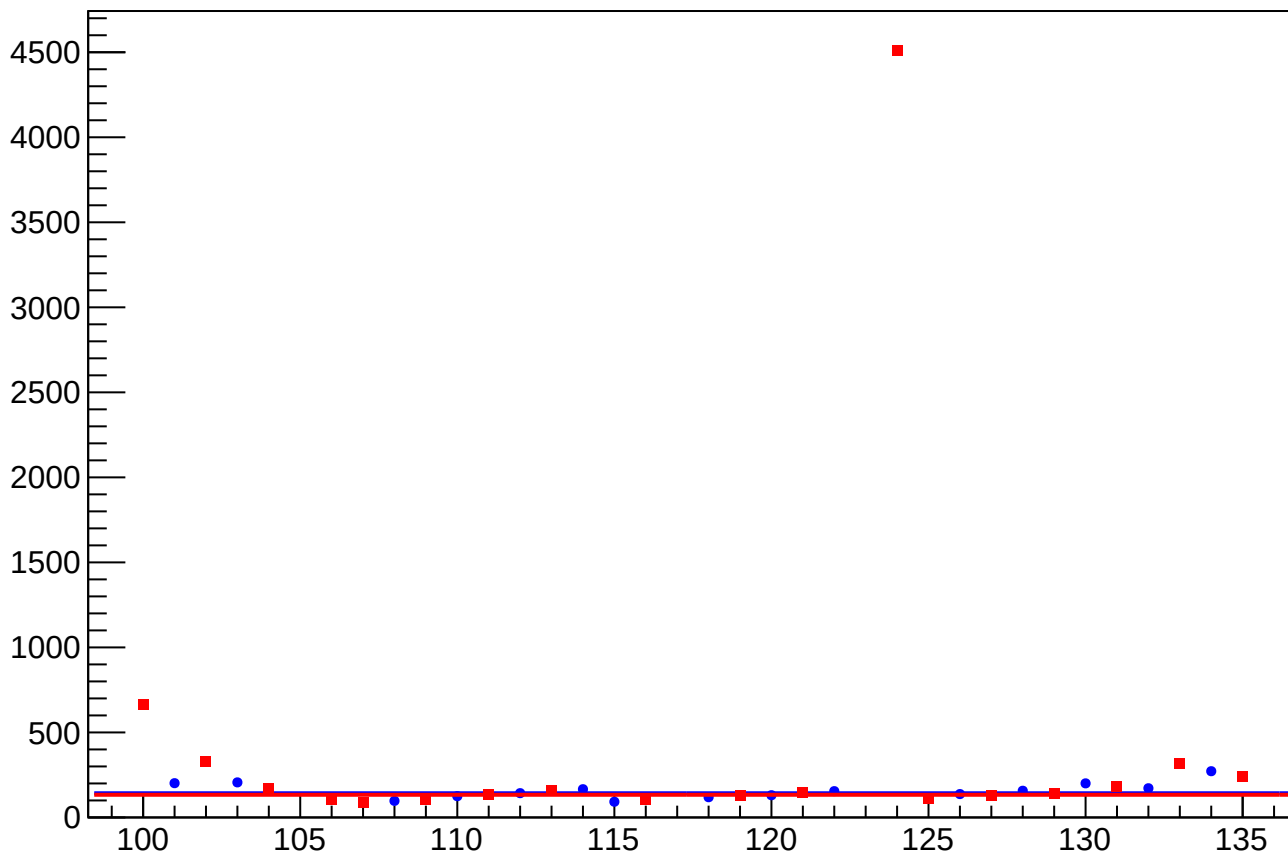
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

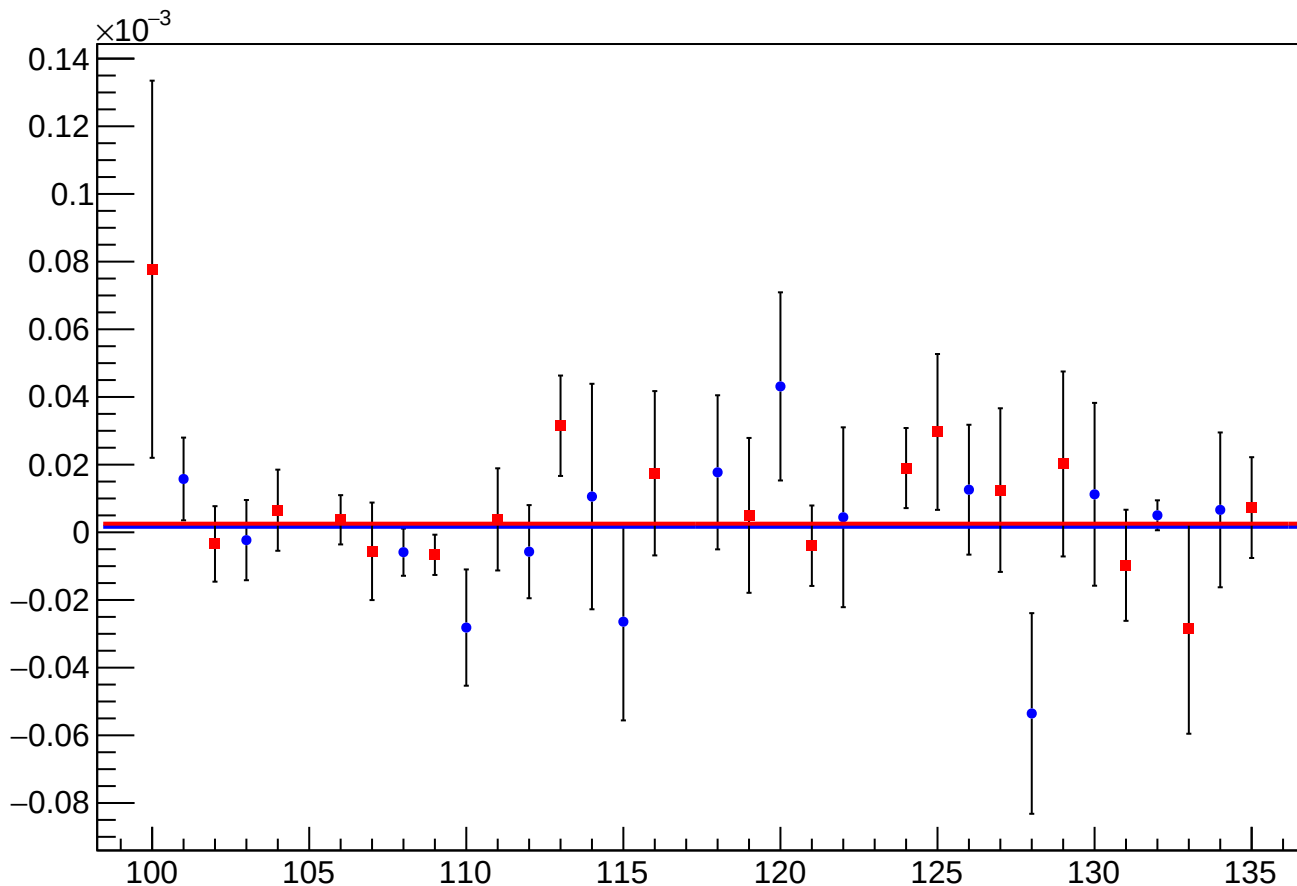
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/14

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

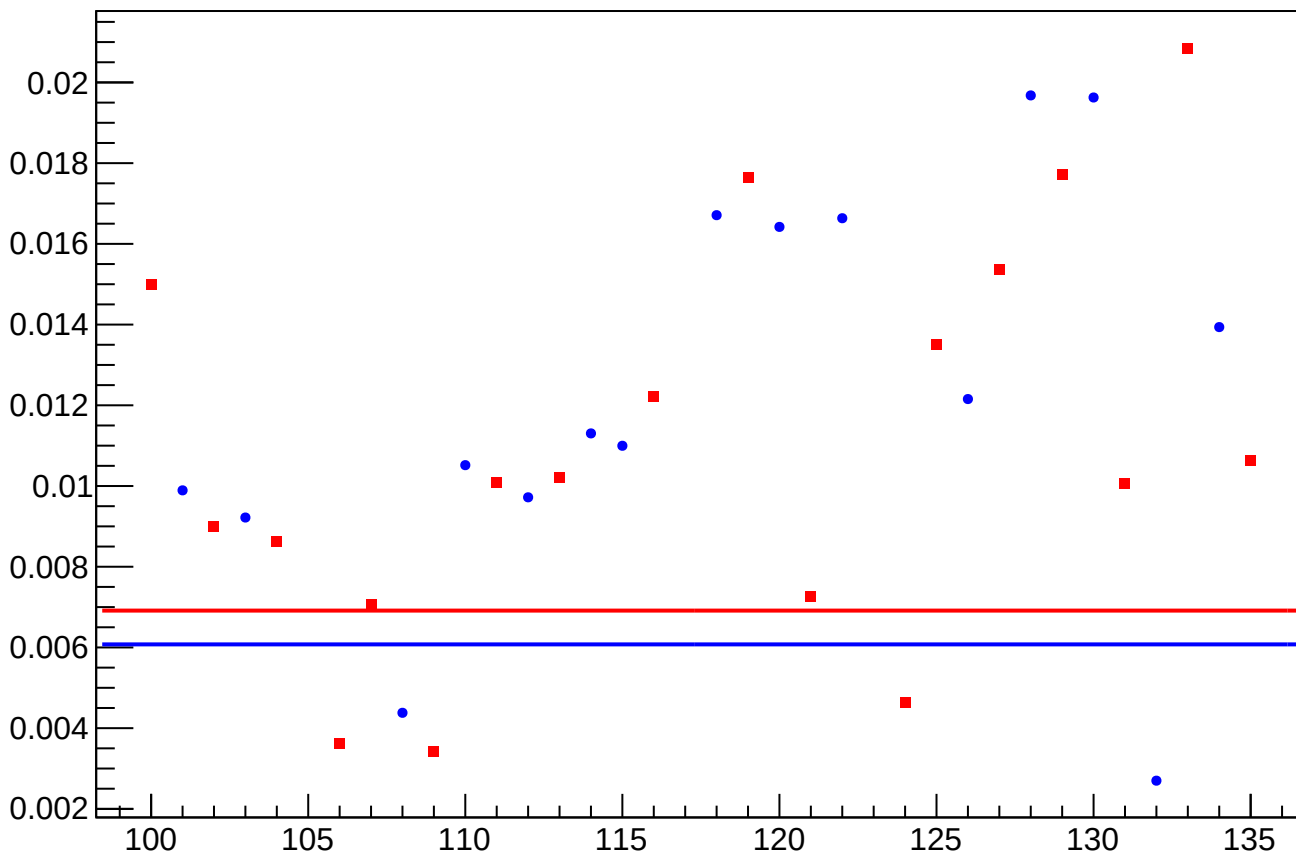
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3367113.6/17

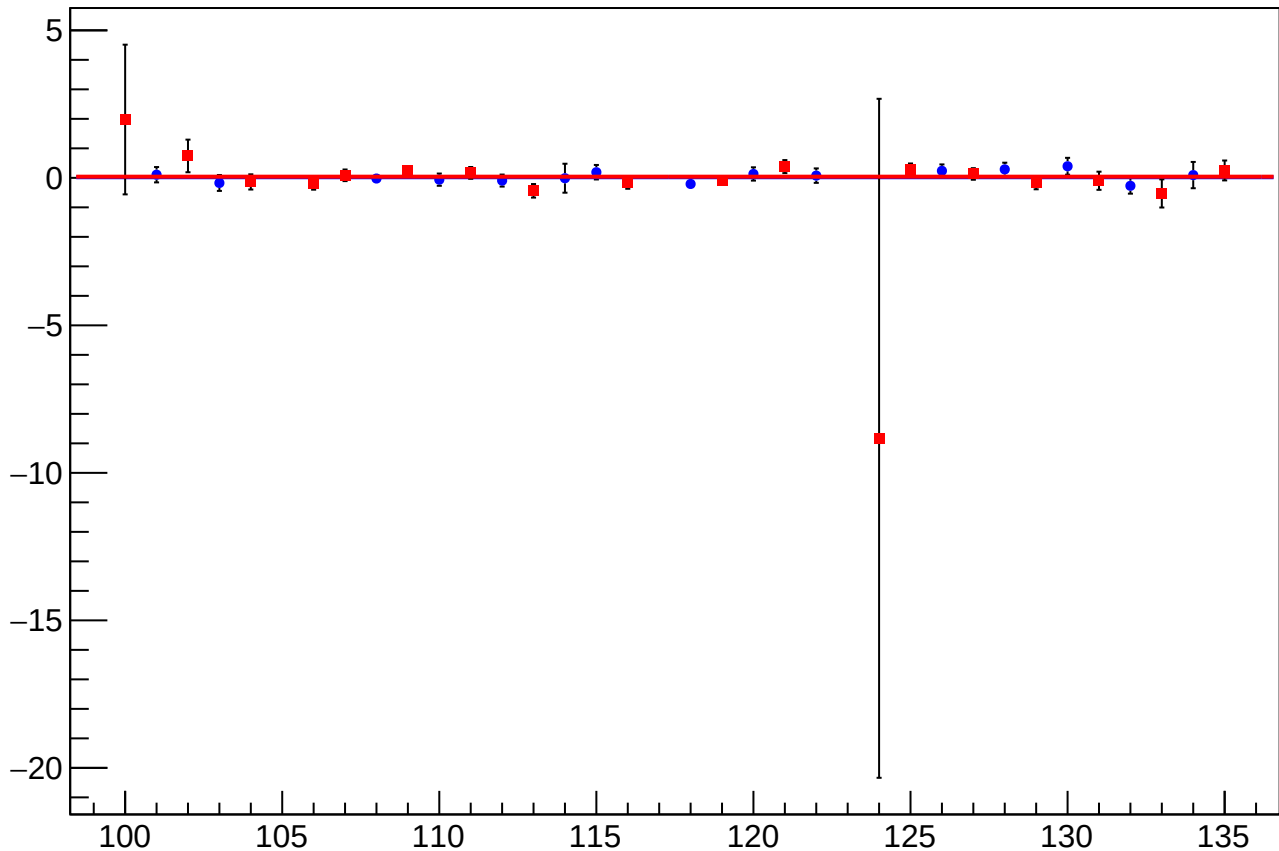
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7829697.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

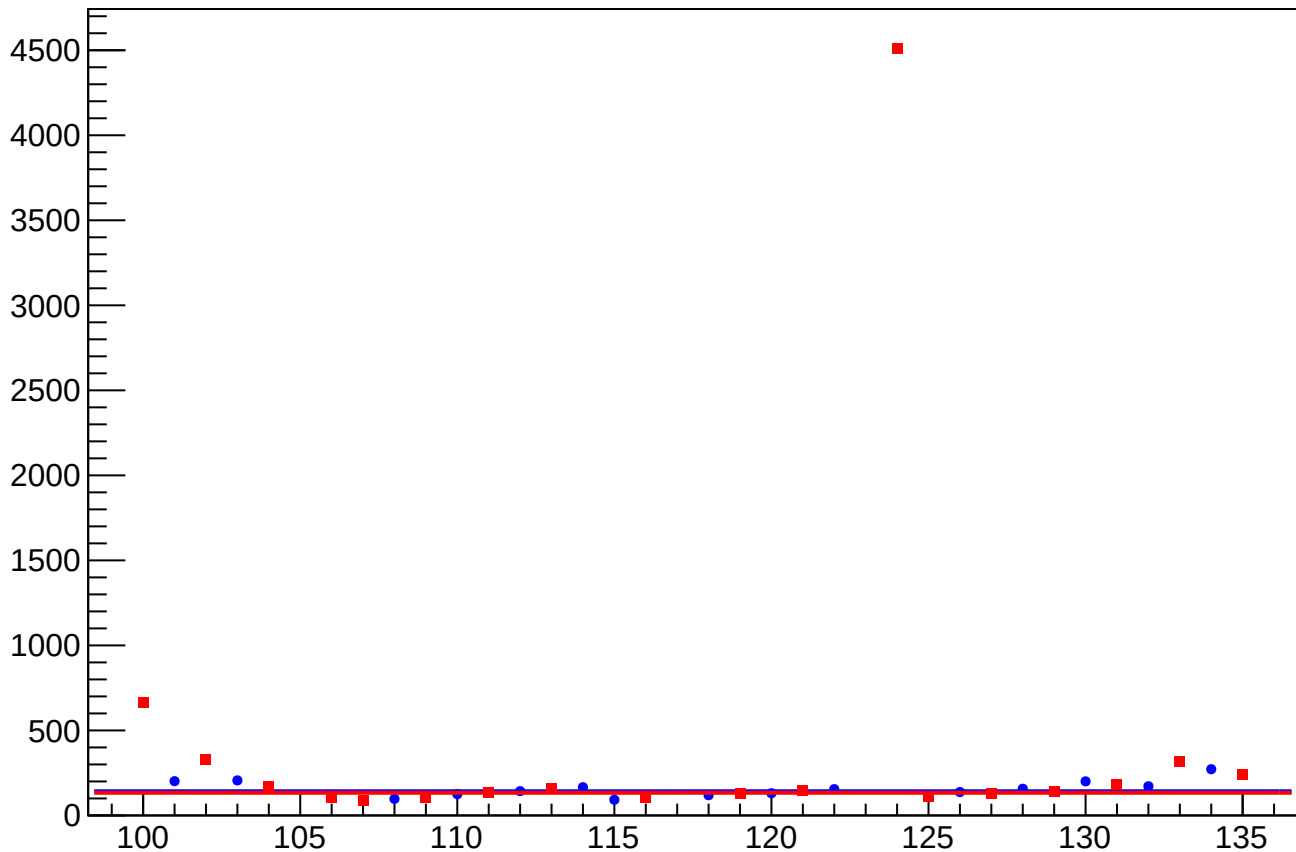
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

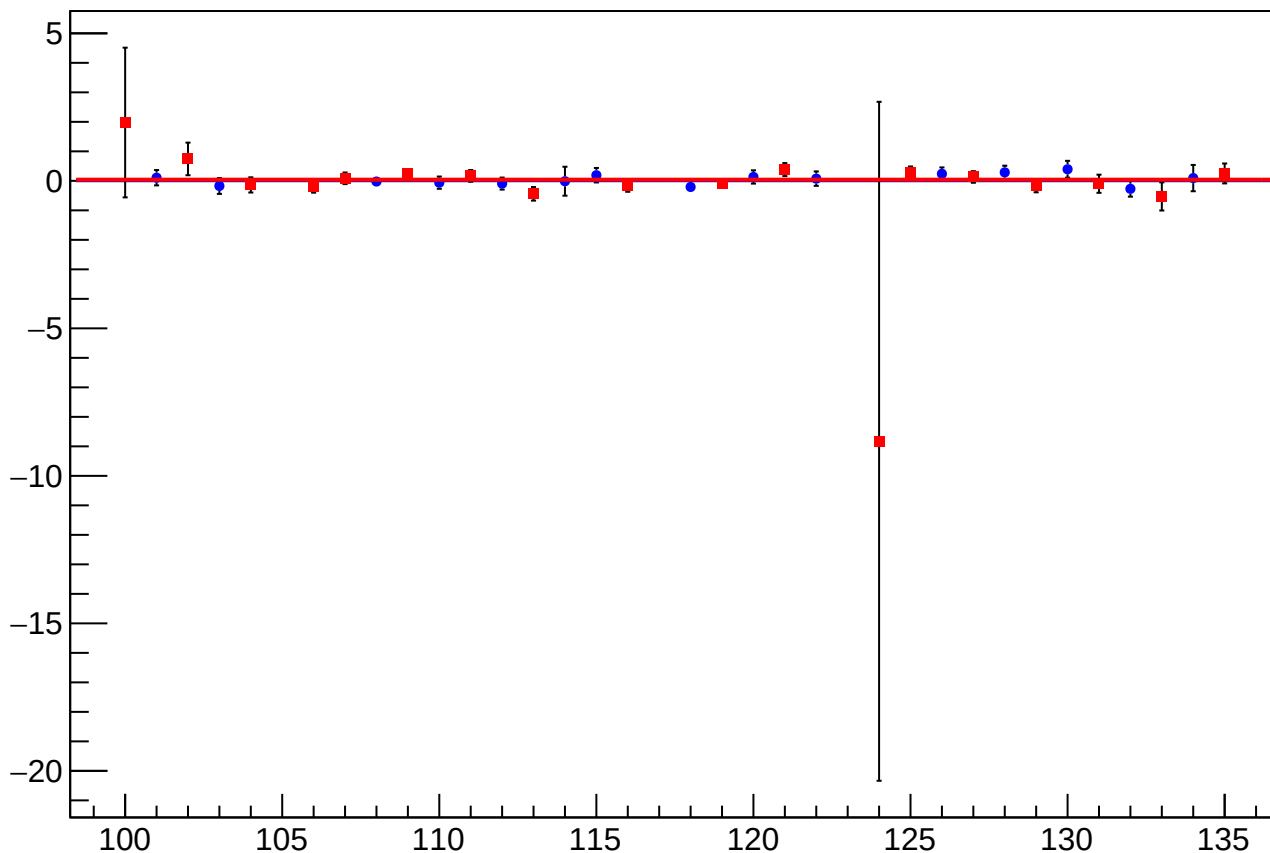
Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

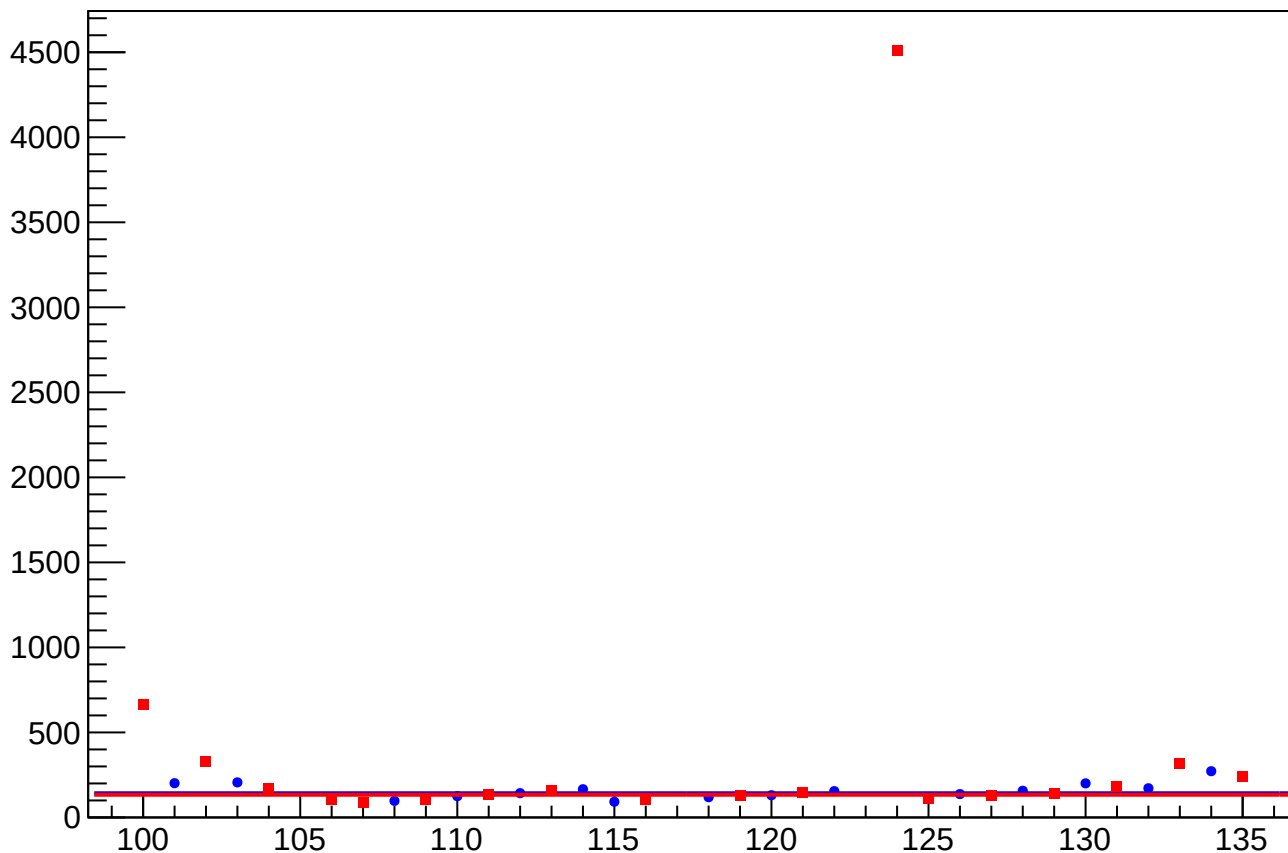
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

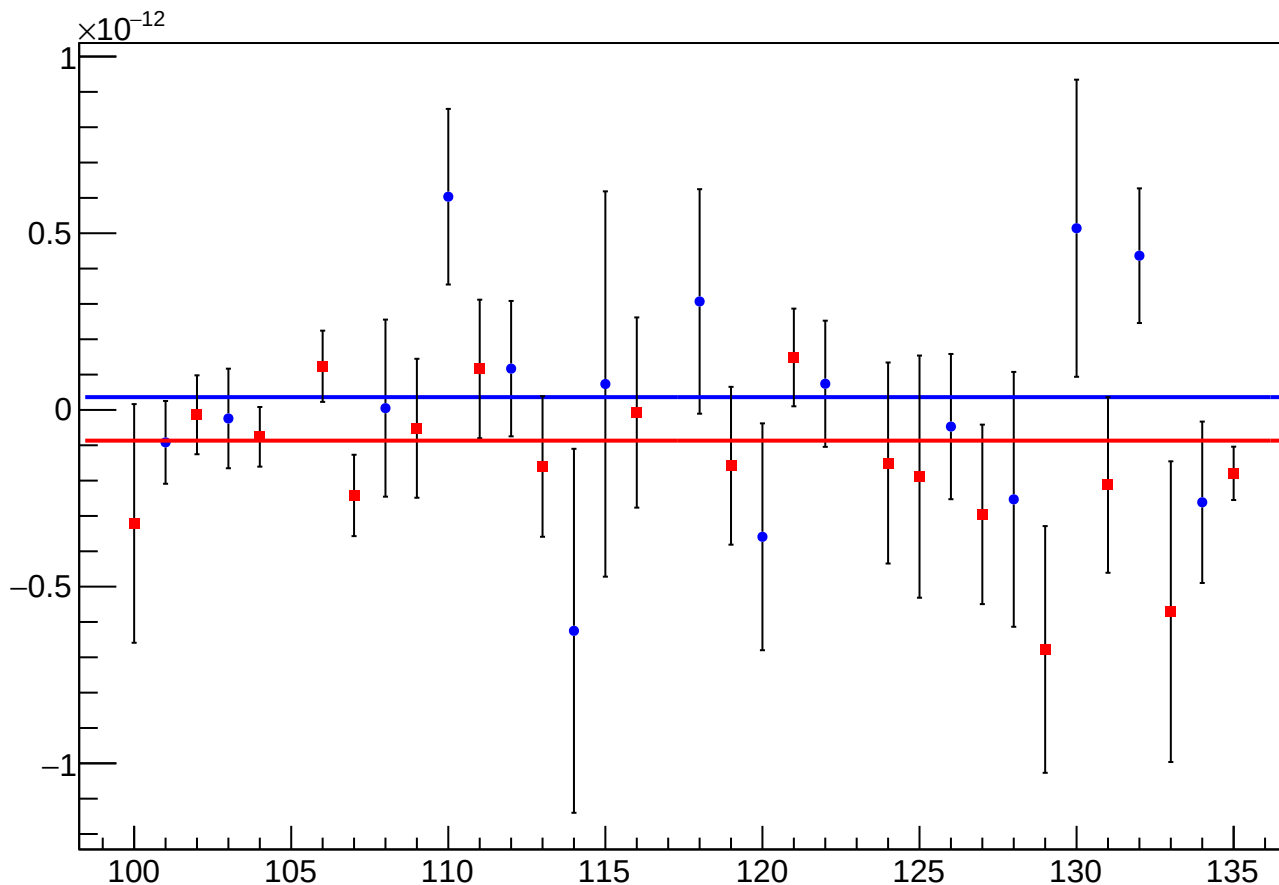
Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/17

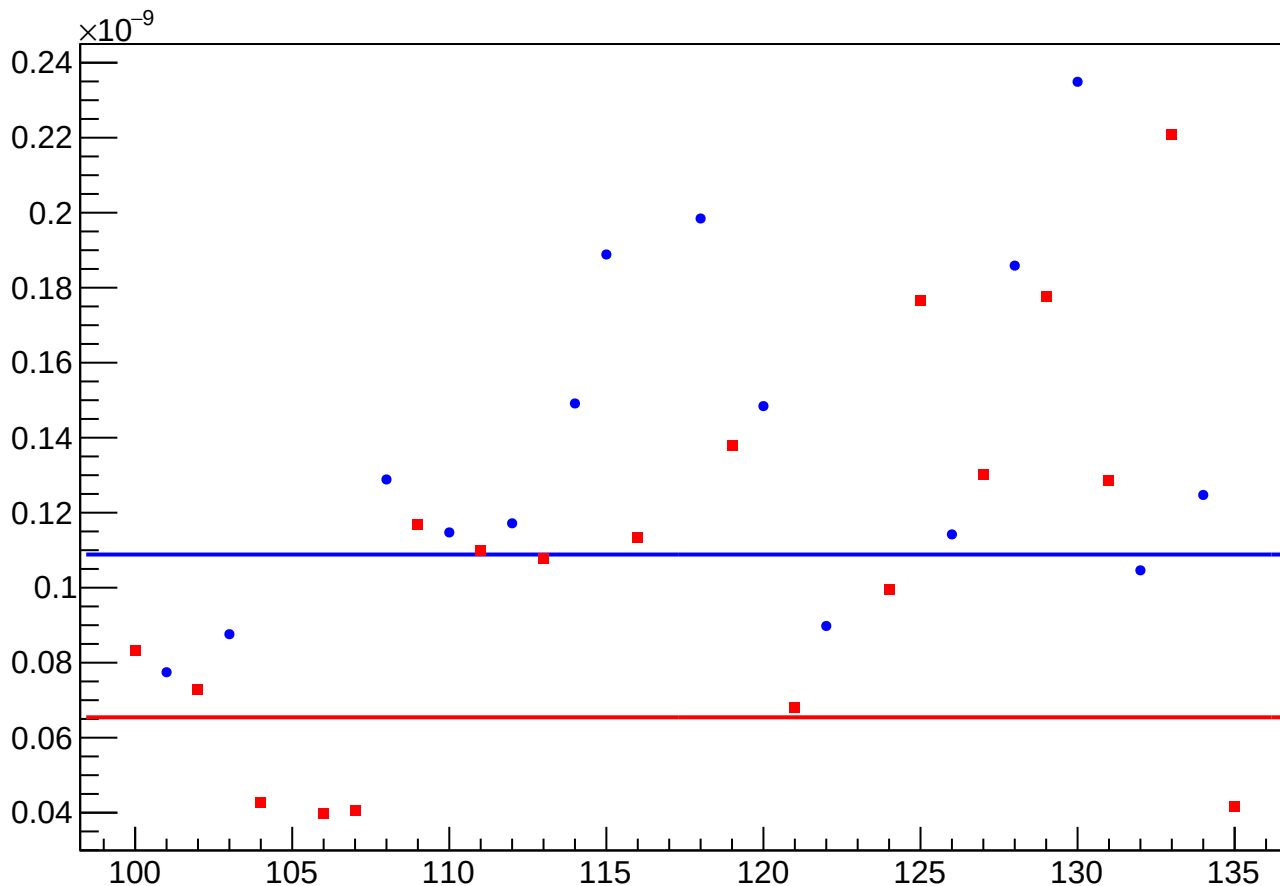
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_avg_at2_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 757637.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2154296.5/17

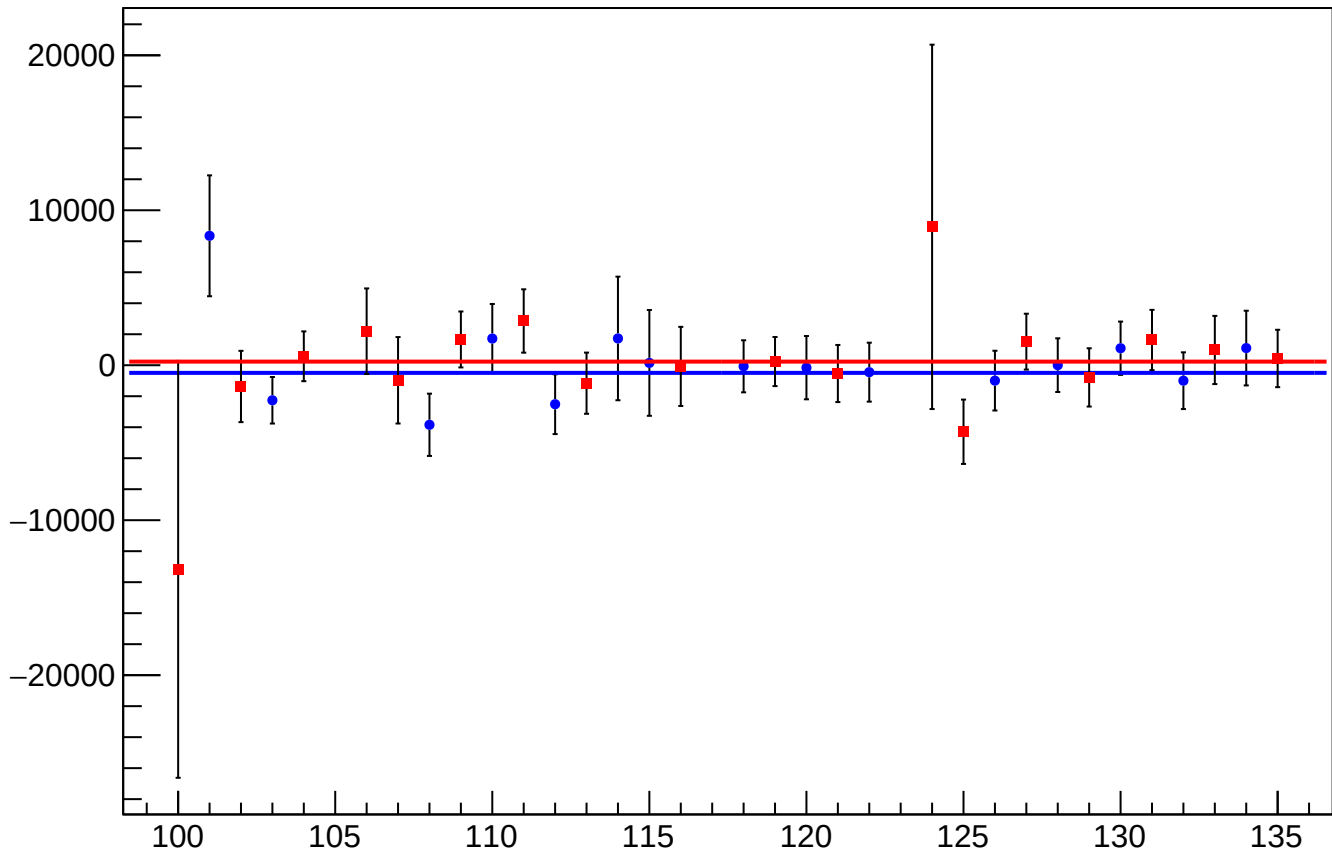
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3784722.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -492.842 ± 522.899 χ^2/NDF : 13.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 232.990 ± 494.825 χ^2/NDF : 11.9/17

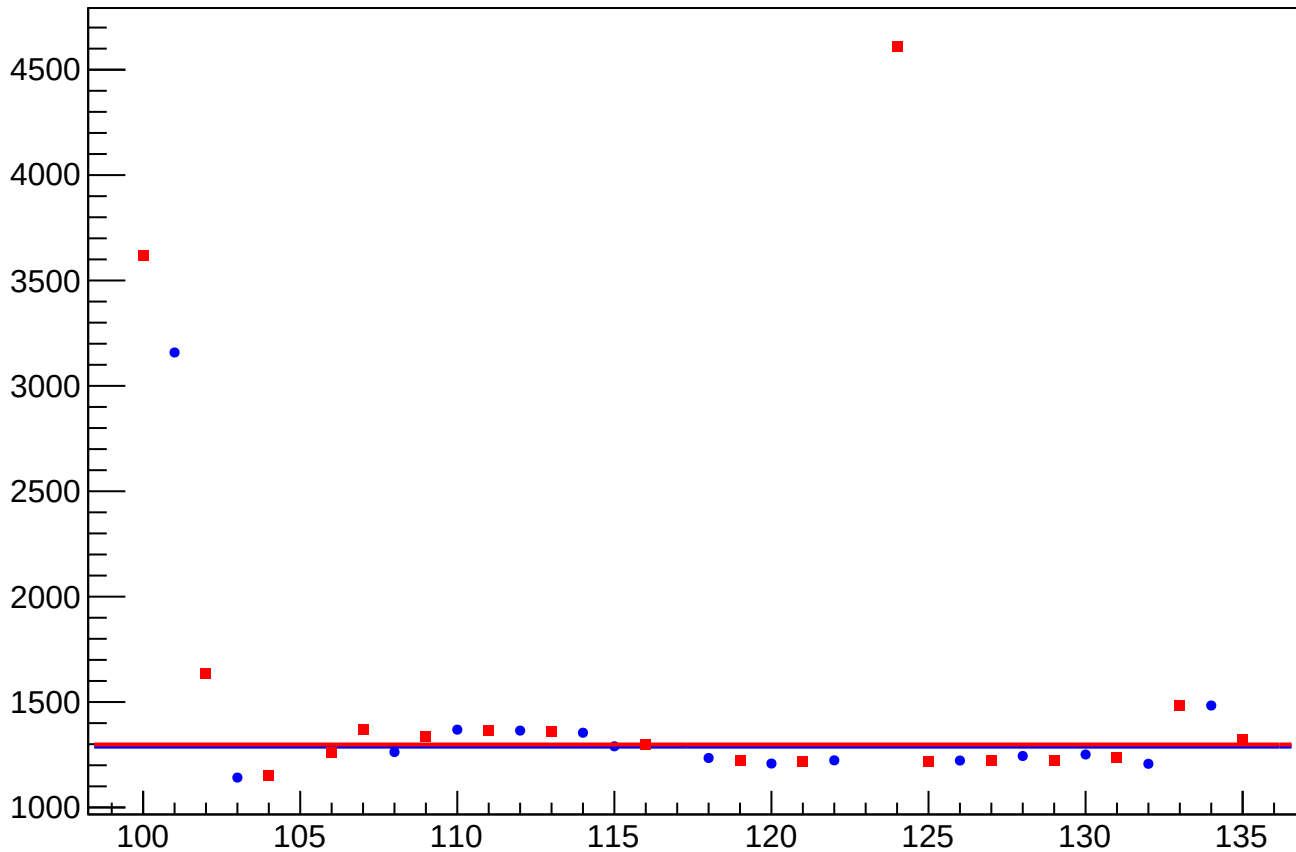
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -109.919 ± 359.409 χ^2/NDF : 26.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514622.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

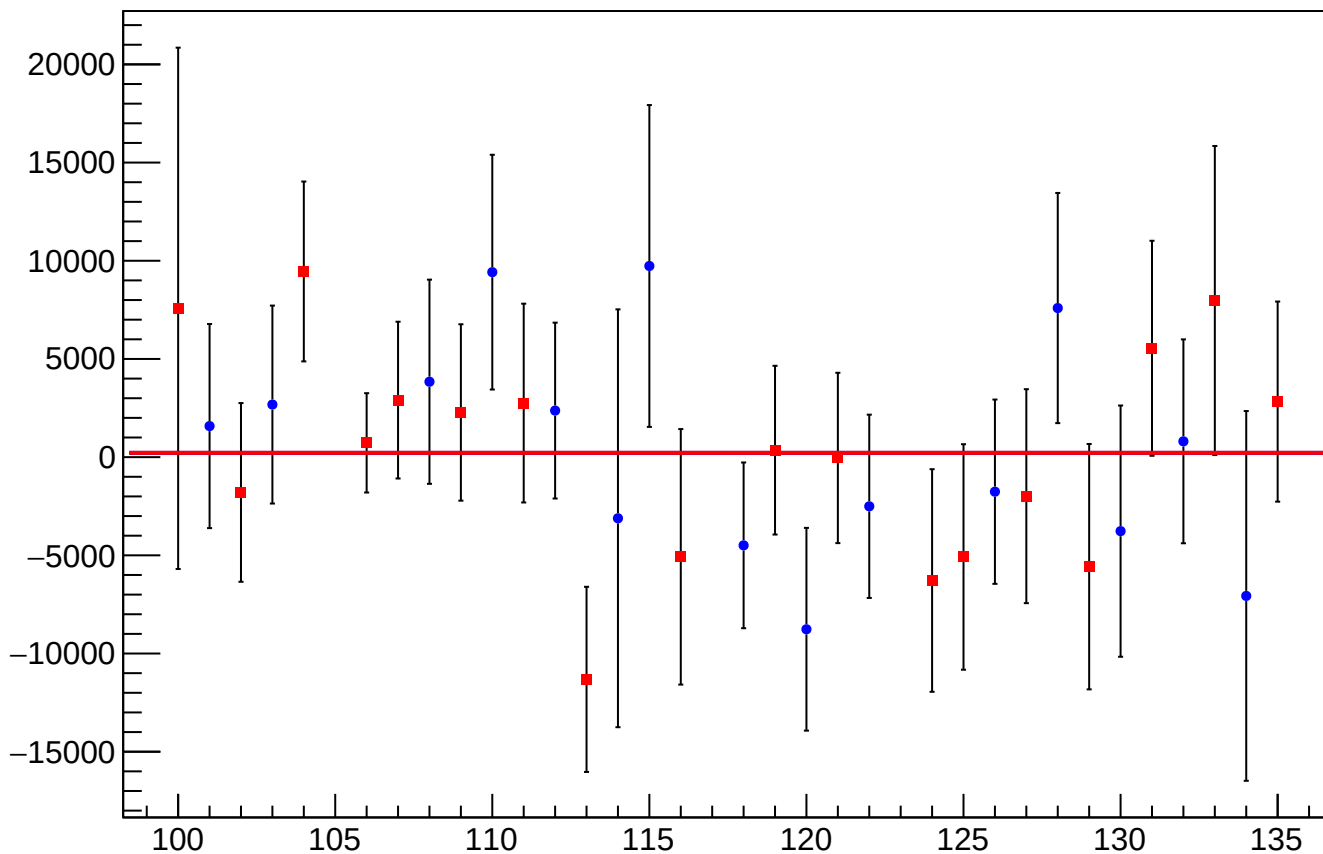
Right Out: 1298.504 $\pm$ 0.349 χ^2 /NDF: 319368.2/17

All: 1293.799 $\pm$ 0.254 χ^2 /NDF: 834377.0/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_mean vs Slug



Right In: 216.575 $\pm$ 1411.418 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 219.753 $\pm$ 1122.104 χ^2 /NDF: 17.6/17

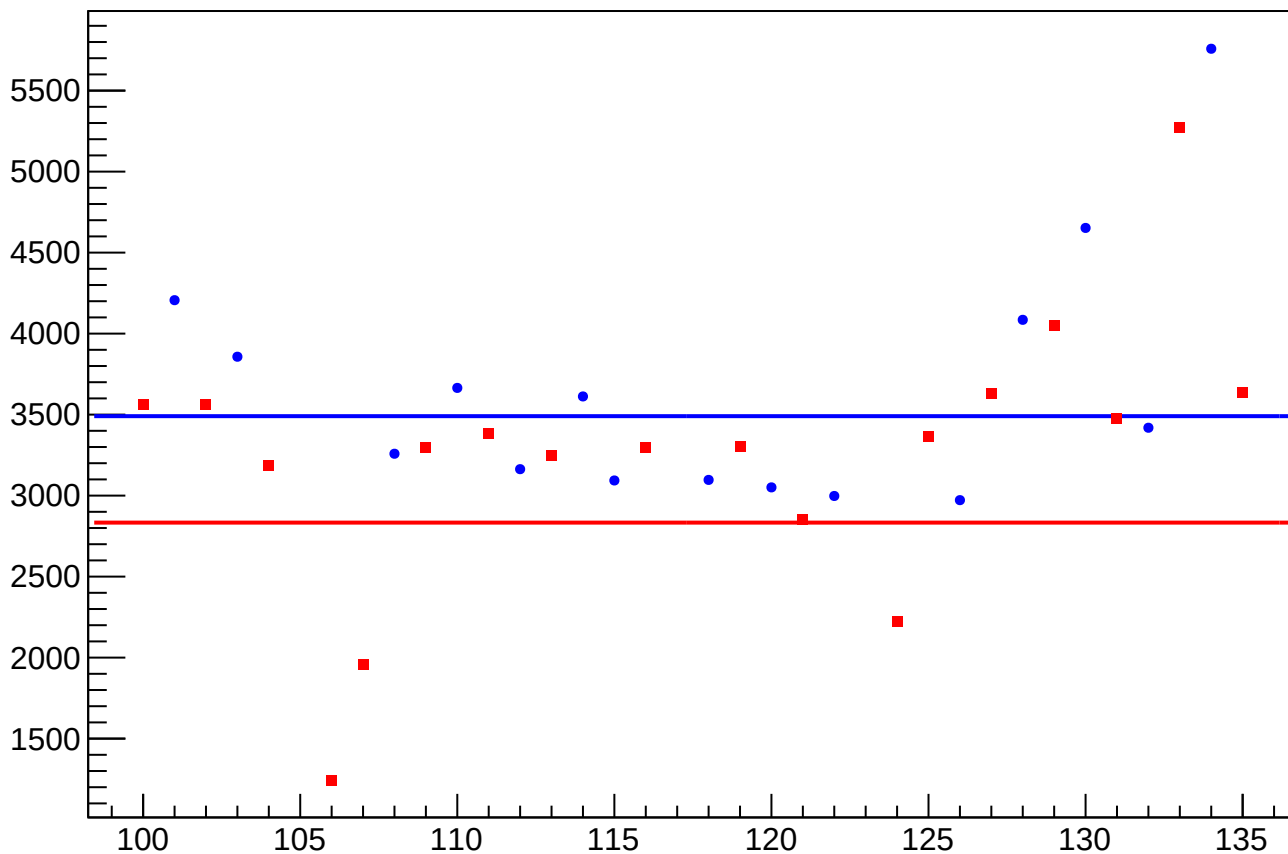
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 218.523 $\pm$ 878.346 χ^2 /NDF: 29.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_correction_rms vs Slug



Right In: 3490.424+/-0.998 χ^2/NDF : 351535.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

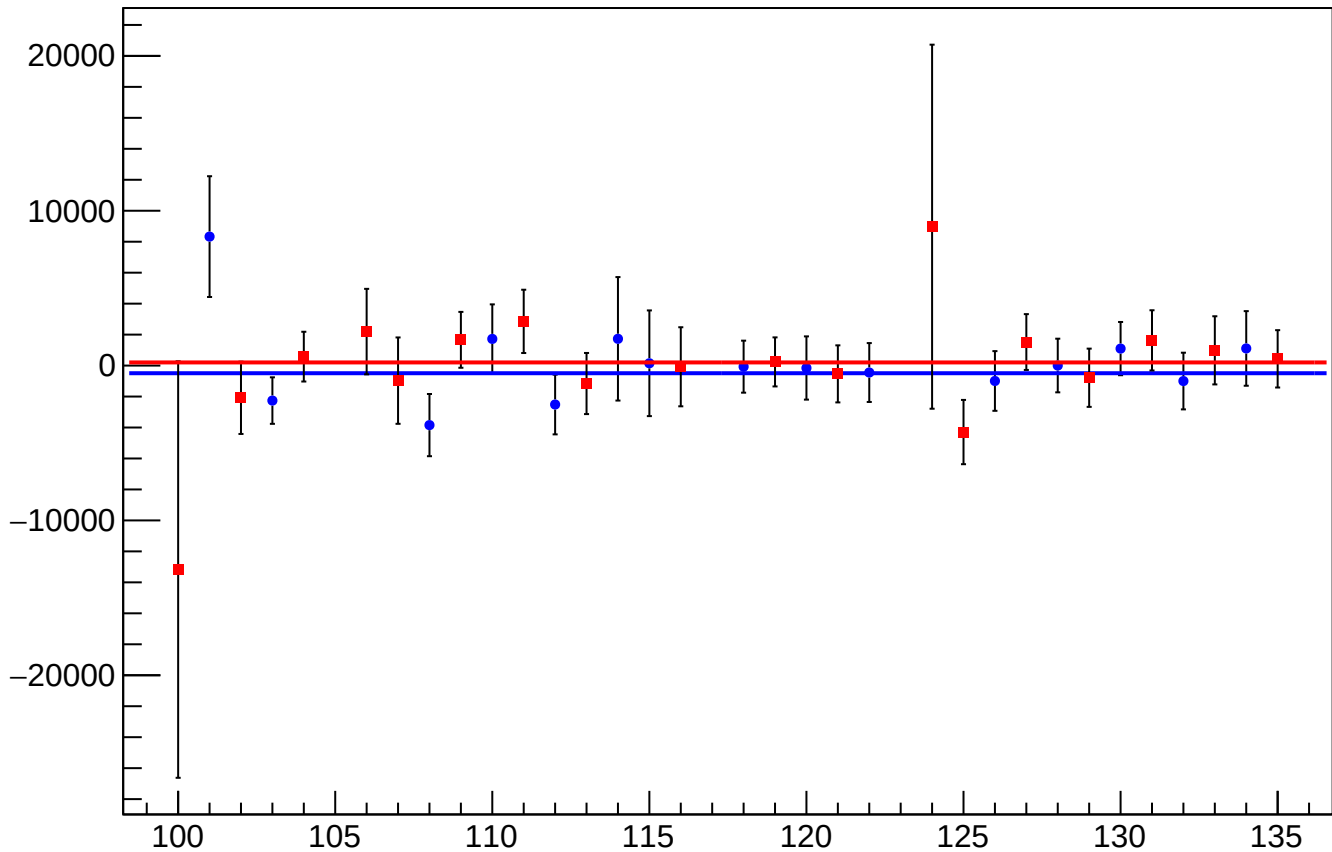
Right Out: 2833.344+/-0.793 χ^2/NDF : 1482329.0/17

All: 3087.815+/-0.621 χ^2/NDF : 2099459.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -493.297 $\pm$ 522.899 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.326 $\pm$ 495.163 χ^2 /NDF: 12.4/17

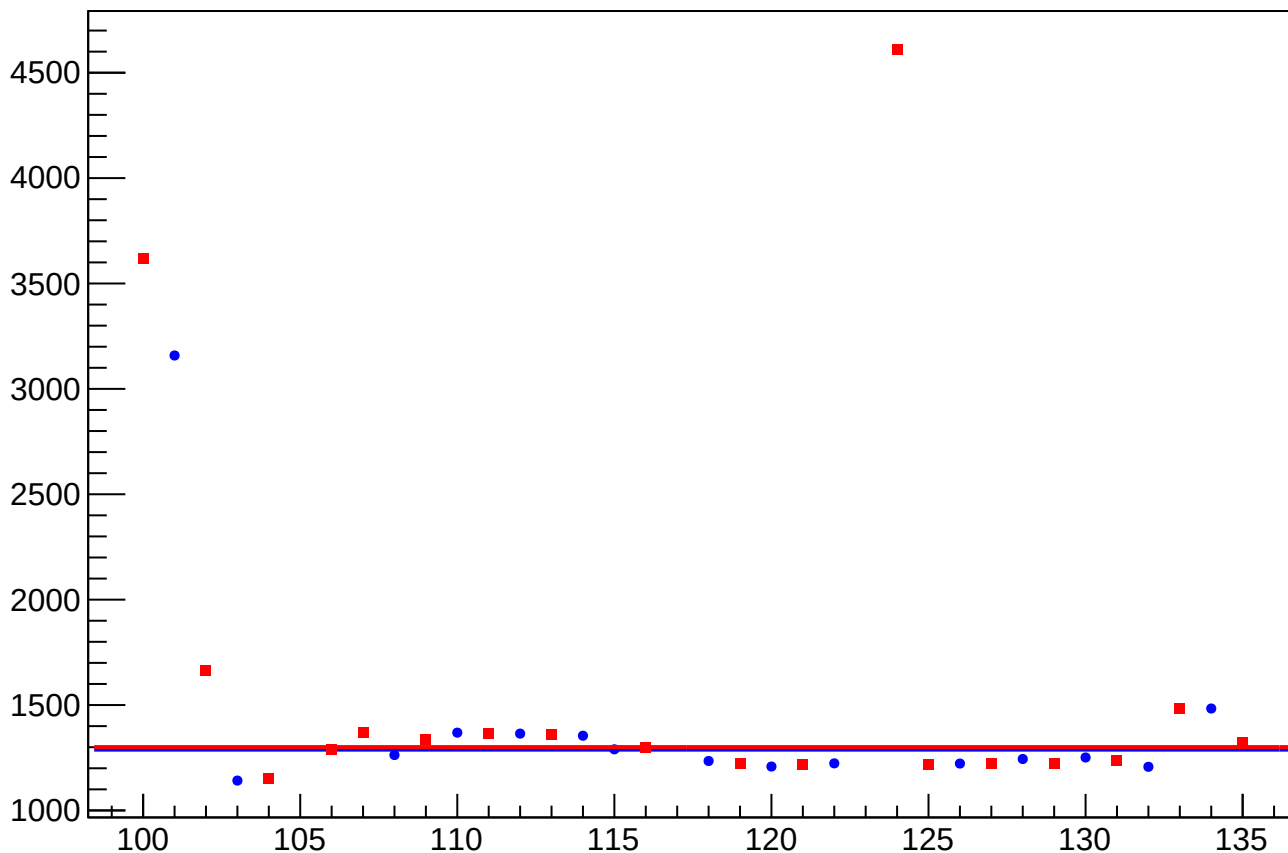
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -126.021 $\pm$ 359.539 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1288.515 $\pm$ 0.370 χ^2 /NDF: 514624.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1300.591 $\pm$ 0.349 χ^2 /NDF: 325905.1/17

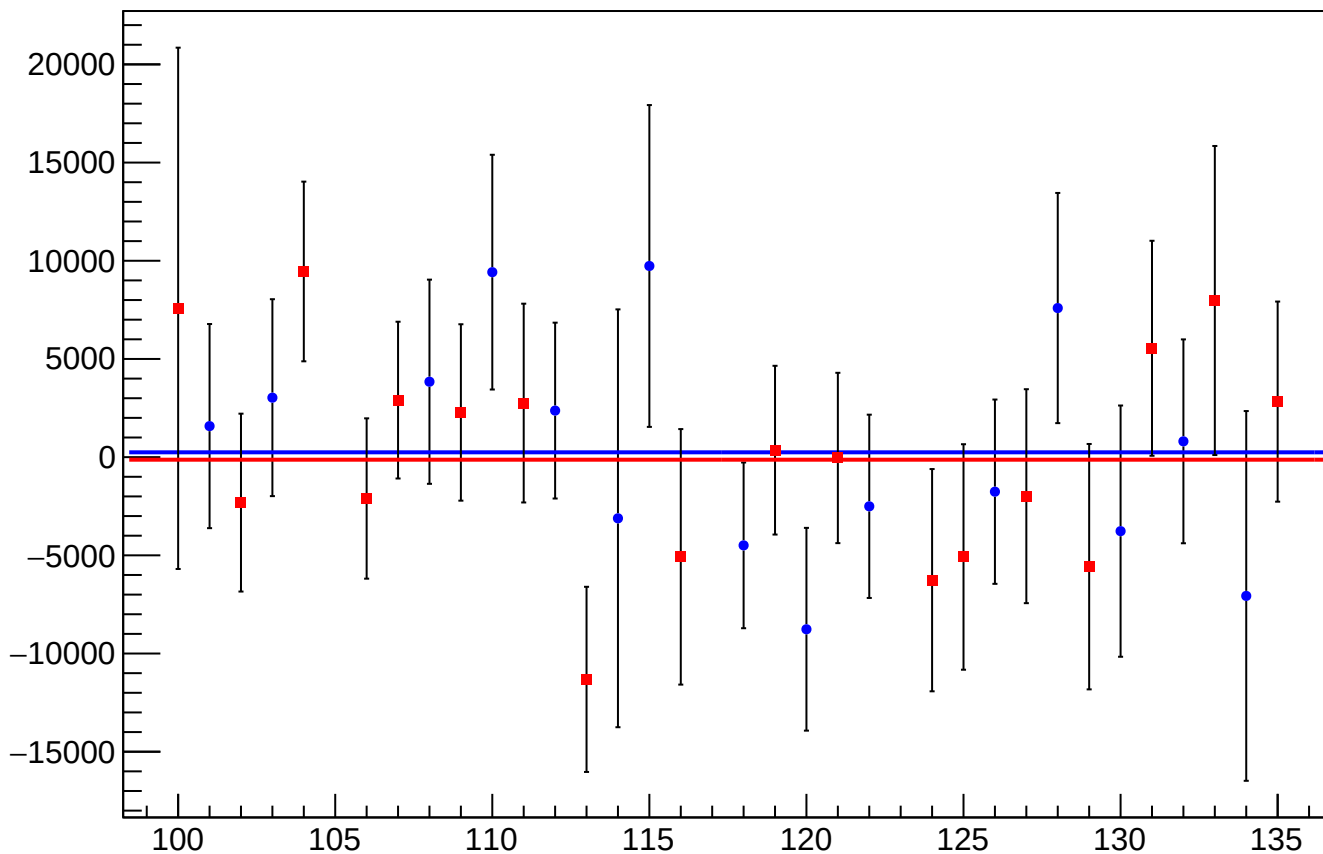
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1294.893 $\pm$ 0.254 χ^2 /NDF: 841092.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_mean vs Slug



Right In: 246.211 $\pm$ 1410.868 χ^2 /NDF: 12.3/14

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

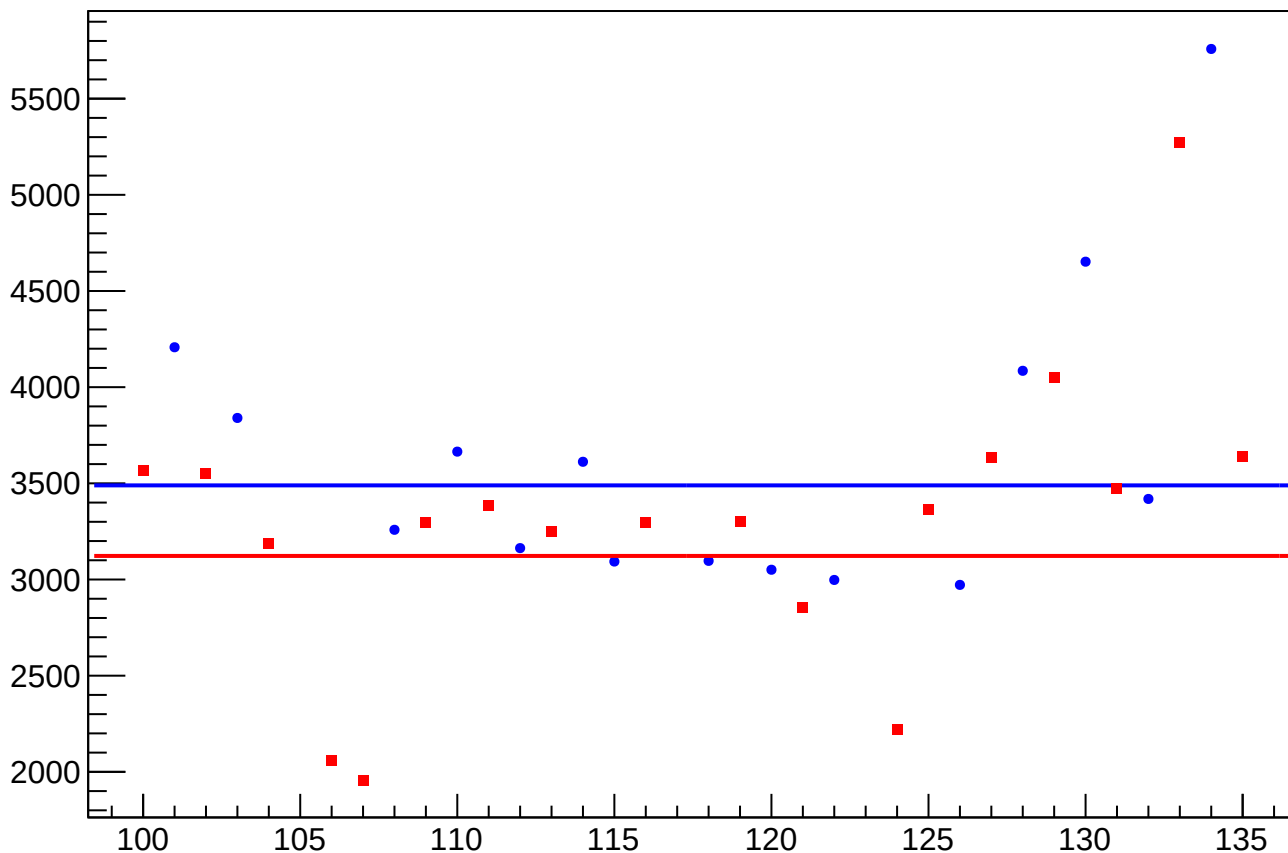
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.261 $\pm$ 912.541 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_cor_correction_rms vs Slug



Right In: 3489.402 $\pm$ 0.998 χ^2 /NDF: 350758.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

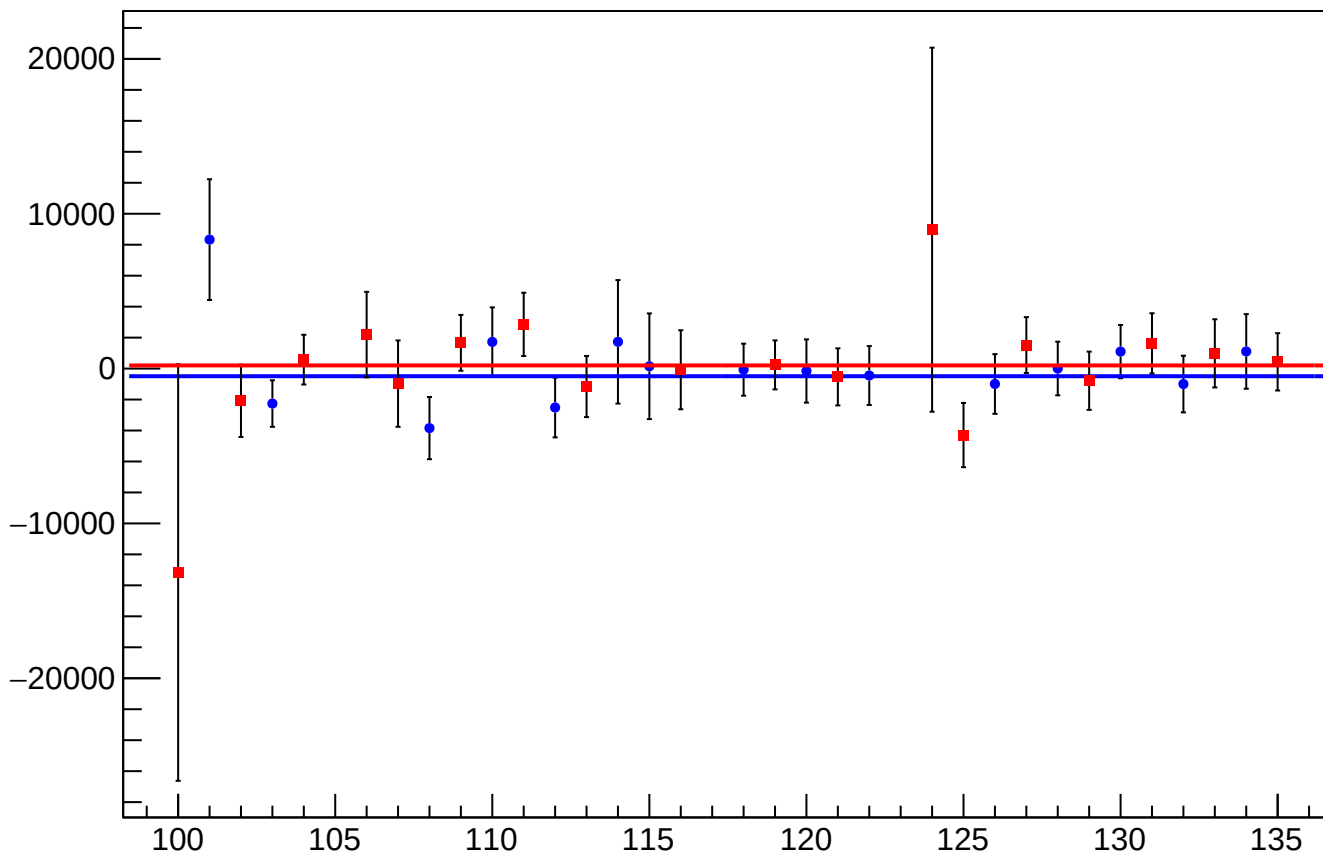
Right Out: 3122.573 $\pm$ 0.846 χ^2 /NDF: 643297.0/17

All: 3276.033 $\pm$ 0.645 χ^2 /NDF: 1072696.8/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -493.297+/-522.899 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.326+/-495.163 χ^2/NDF : 12.4/17

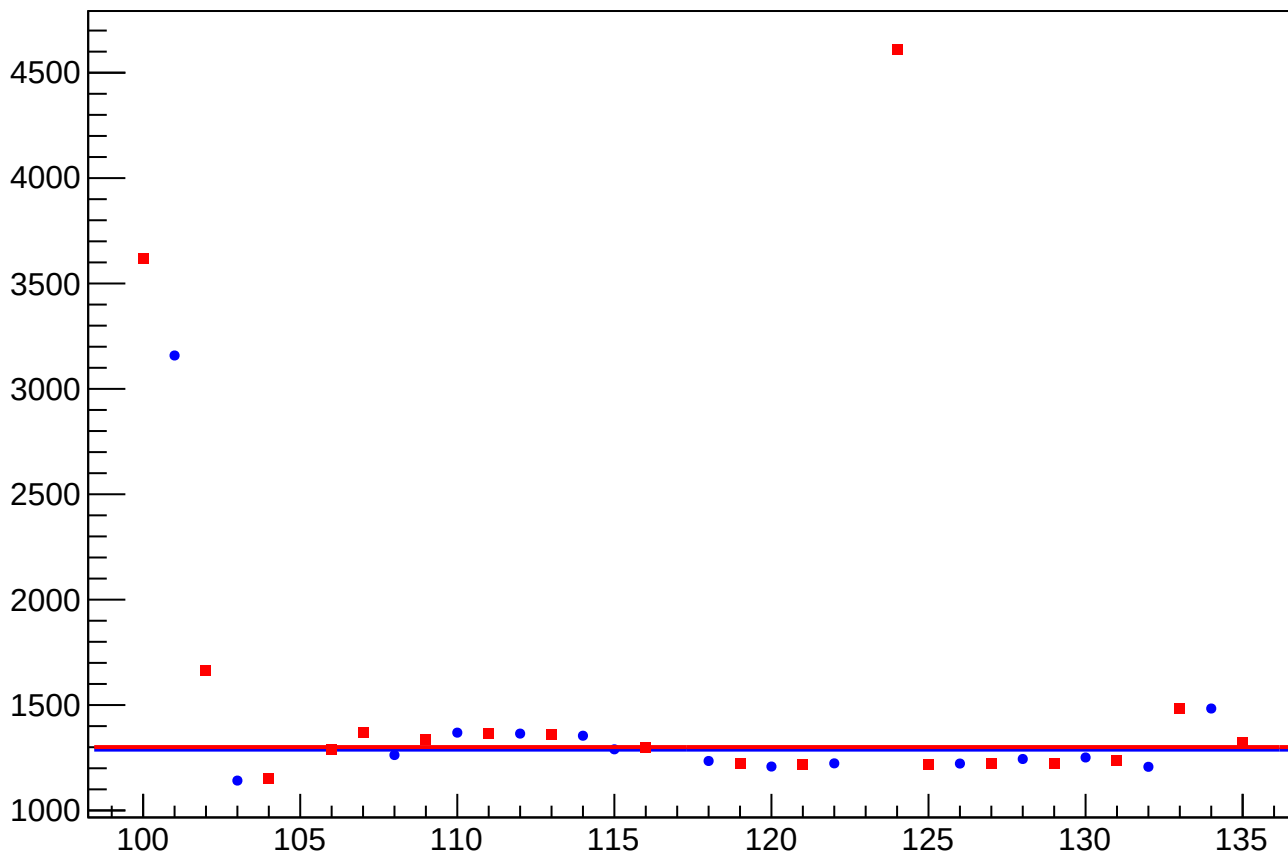
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -126.021+/-359.539 χ^2/NDF : 26.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1288.515+/-0.370 χ^2/NDF : 514624.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1300.591+/-0.349 χ^2/NDF : 325905.1/17

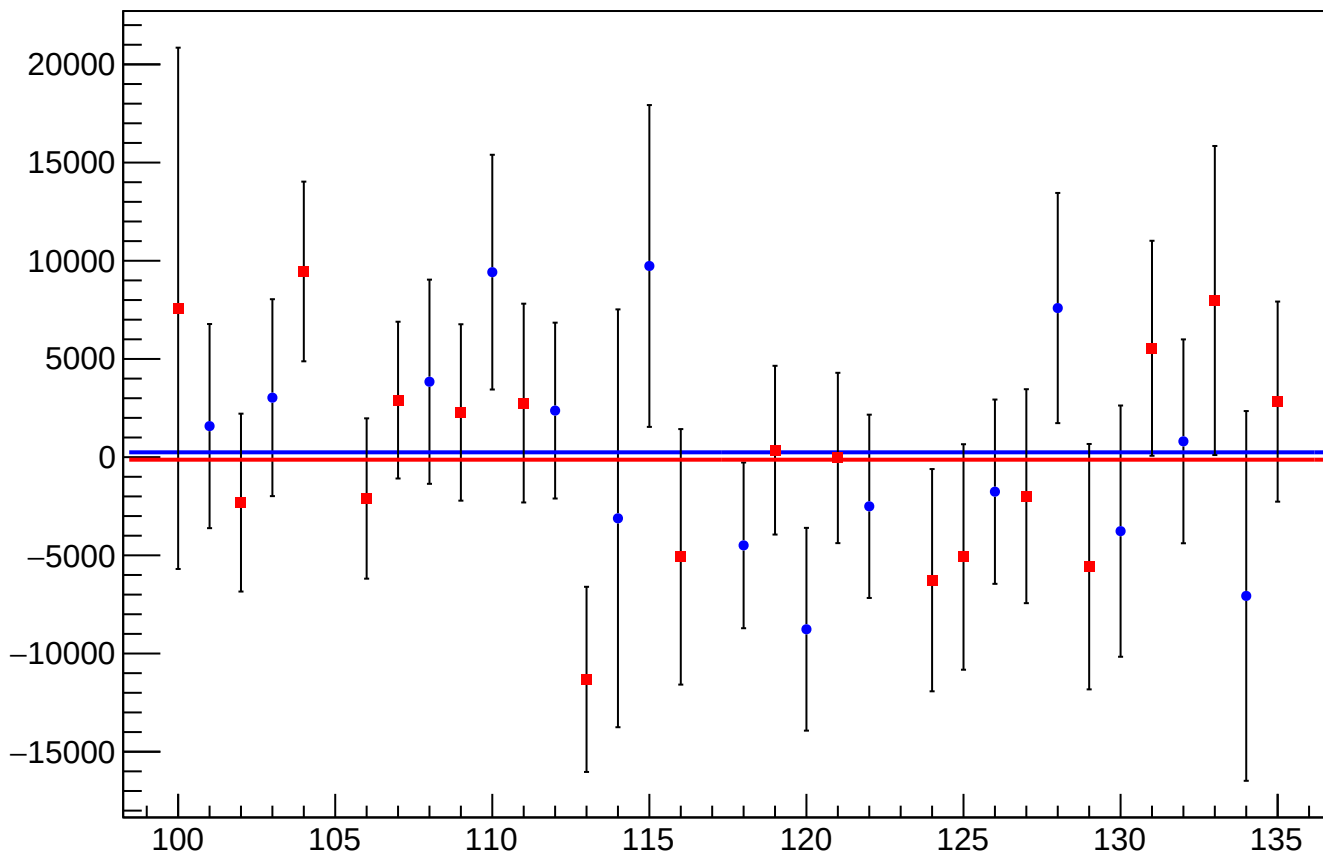
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1294.893+/-0.254 χ^2/NDF : 841092.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 246.211 $\pm$ 1410.868 χ^2 /NDF: 12.3/14

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

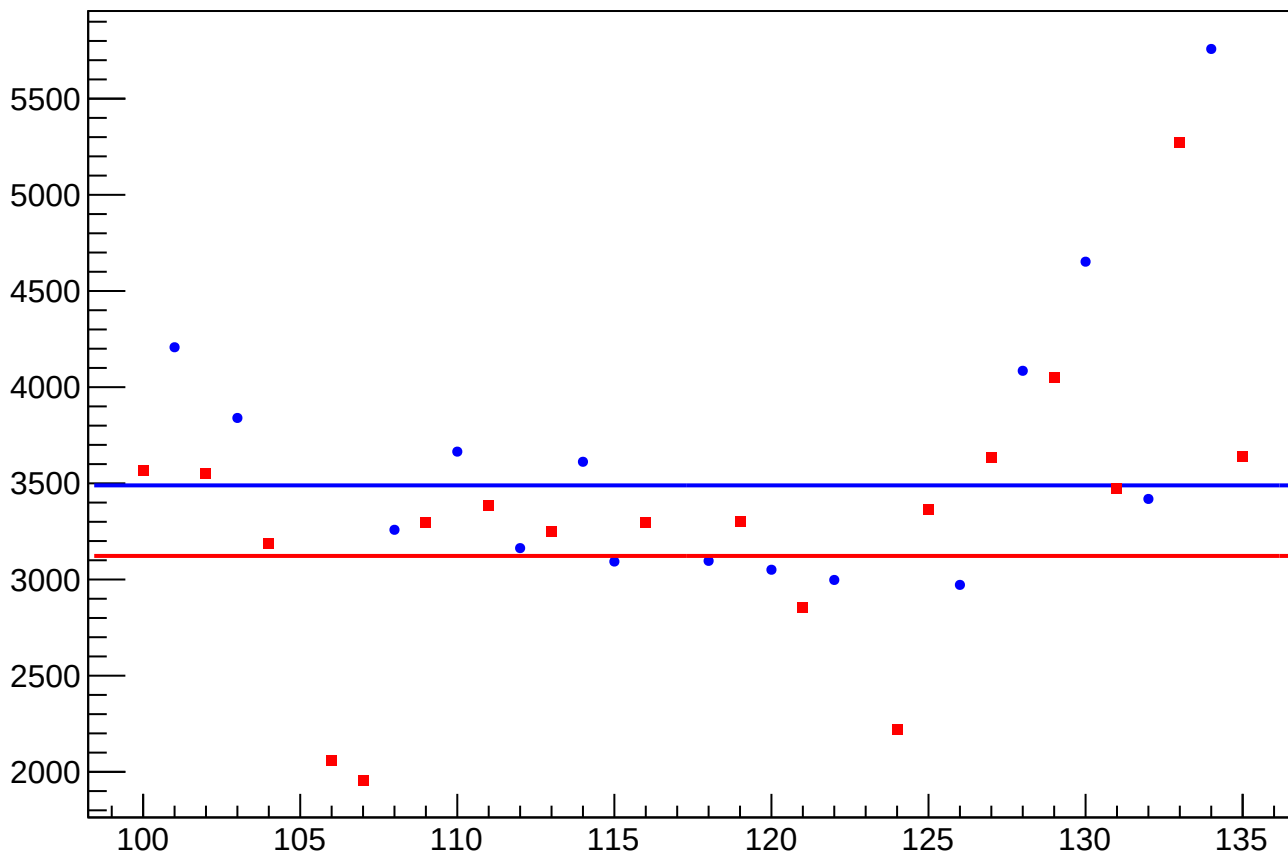
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.261 $\pm$ 912.541 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 3489.402+/-0.998 χ^2/NDF : 350758.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

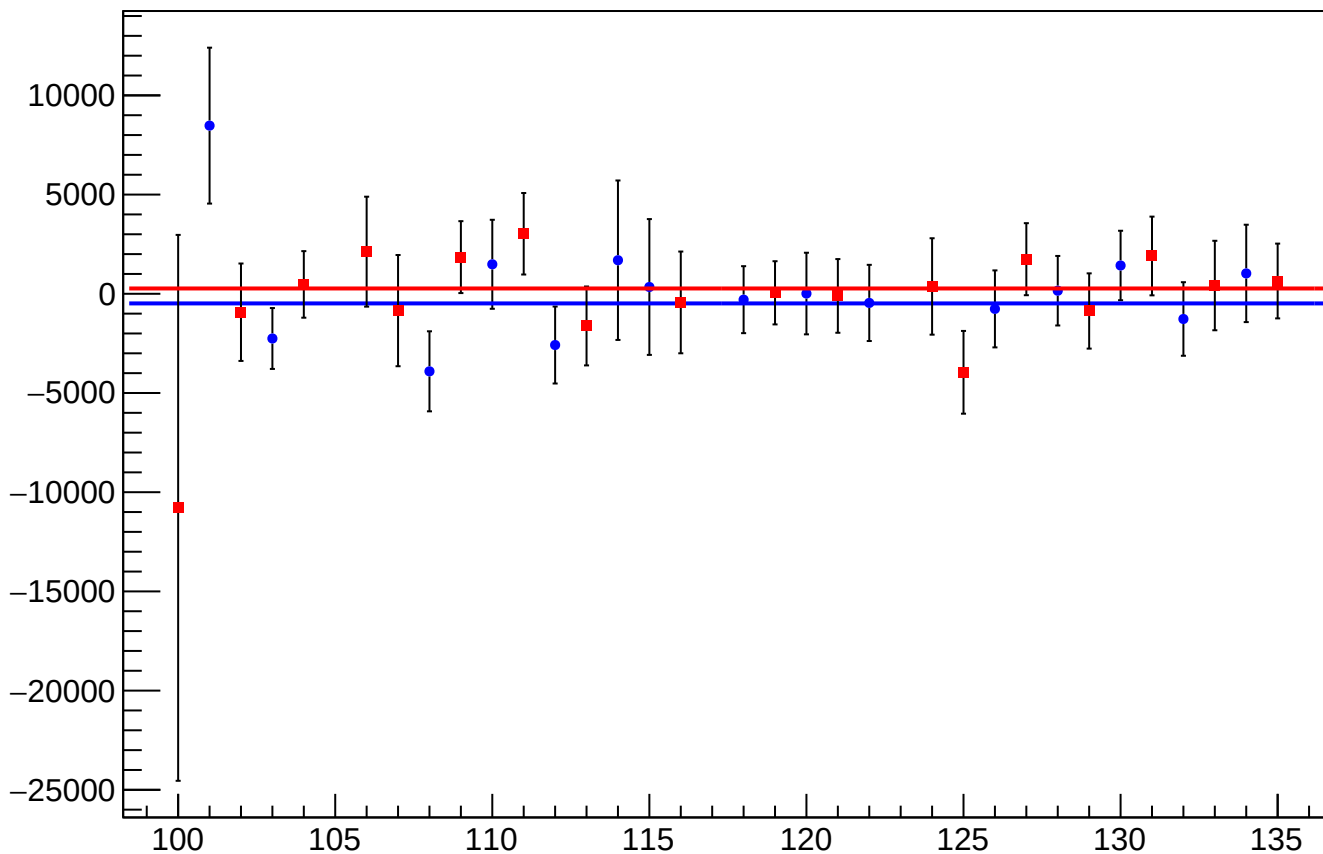
Right Out: 3122.573+/-0.846 χ^2/NDF : 643297.0/17

All: 3276.033+/-0.645 χ^2/NDF : 1072696.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -485.013 $\pm$ 528.473 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 267.829 $\pm$ 492.176 χ^2 /NDF: 11.0/17

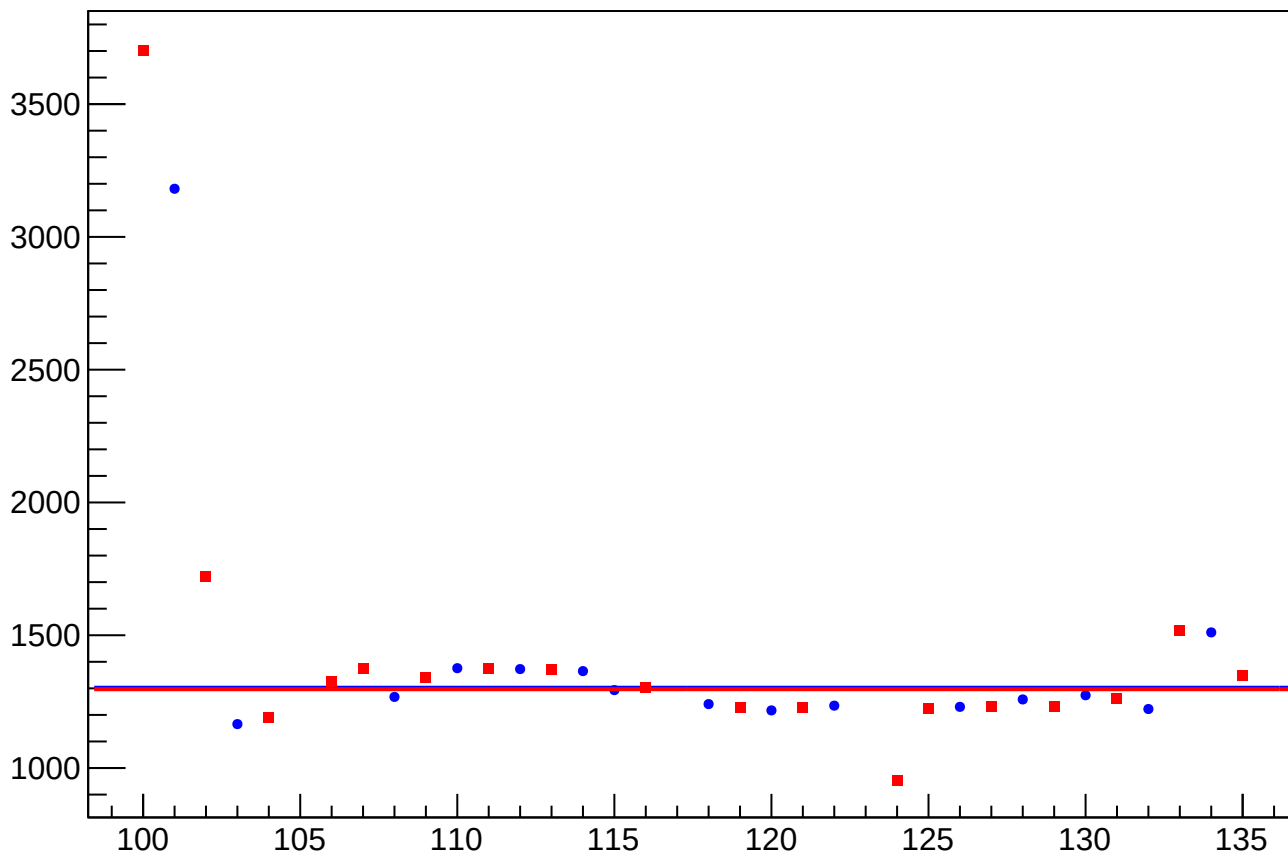
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -81.852 $\pm$ 360.170 χ^2 /NDF: 25.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1302.348 $\pm$ 0.374 χ^2 /NDF: 510413.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

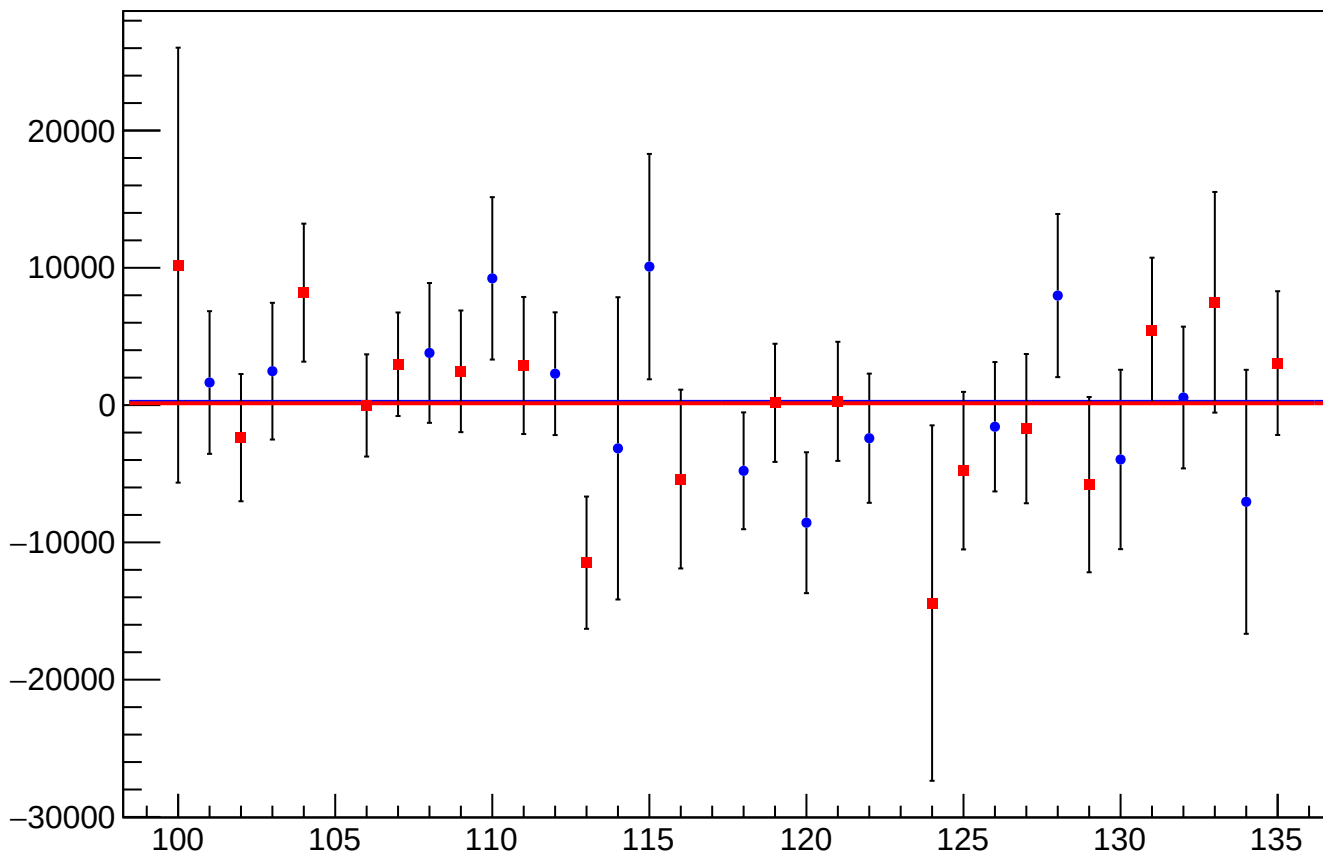
Right Out: 1296.732 $\pm$ 0.348 χ^2 /NDF: 212745.9/17

All: 1299.338 $\pm$ 0.255 χ^2 /NDF: 723280.9/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_mean vs Slug



Right In: 234.123 $\pm$ 1412.627 χ^2 /NDF: 12.3/14

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

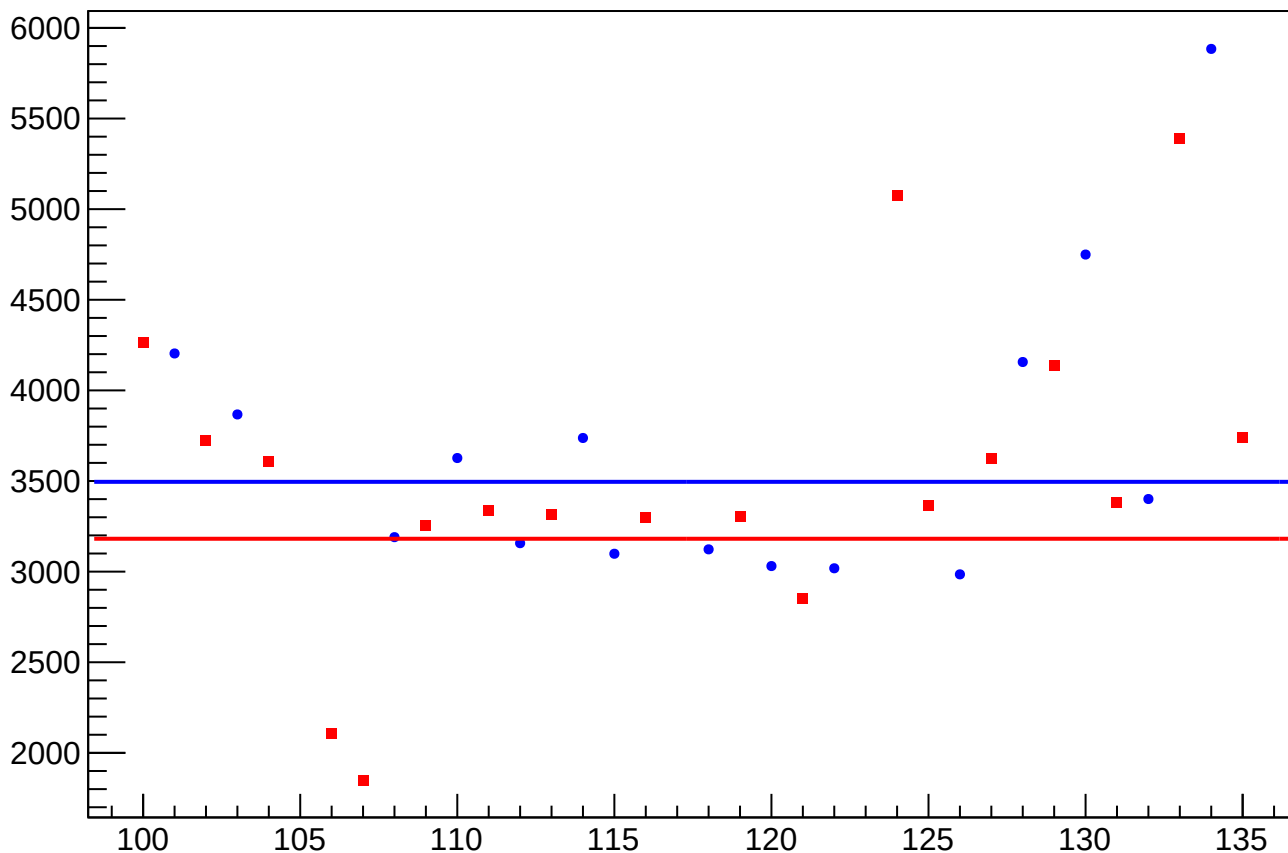
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.325 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_correction_rms vs Slug



Right In: 3495.493+/-0.999 χ^2/NDF : 371904.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

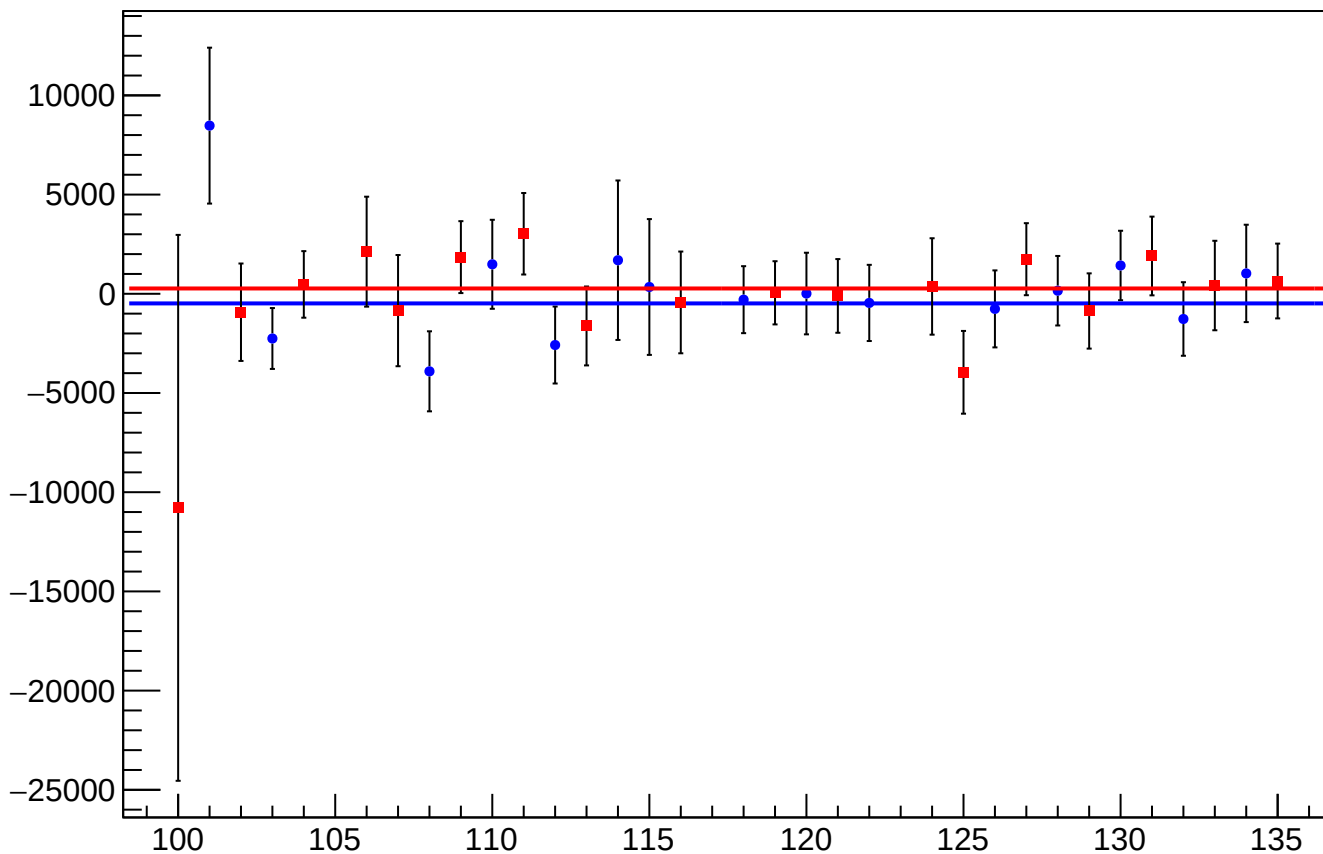
Right Out: 3181.396+/-0.858 χ^2/NDF : 765101.9/17

All: 3314.714+/-0.651 χ^2/NDF : 1193915.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -485.016+/-528.473 χ^2 /NDF: 13.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 267.835+/-492.176 χ^2 /NDF: 11.0/17

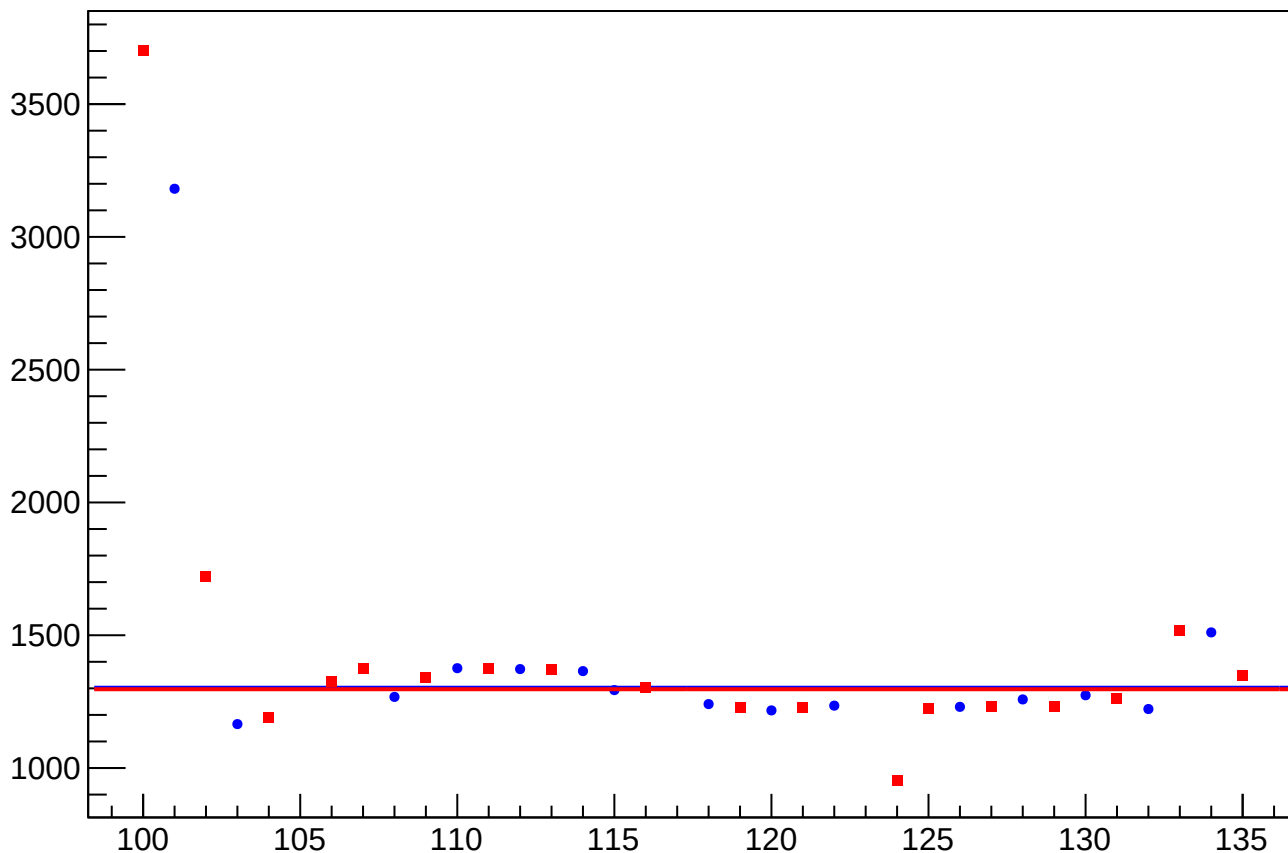
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -81.850+/-360.170 χ^2 /NDF: 25.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 1302.348+/-0.374 χ^2/NDF : 510414.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.732+/-0.348 χ^2/NDF : 212746.0/17

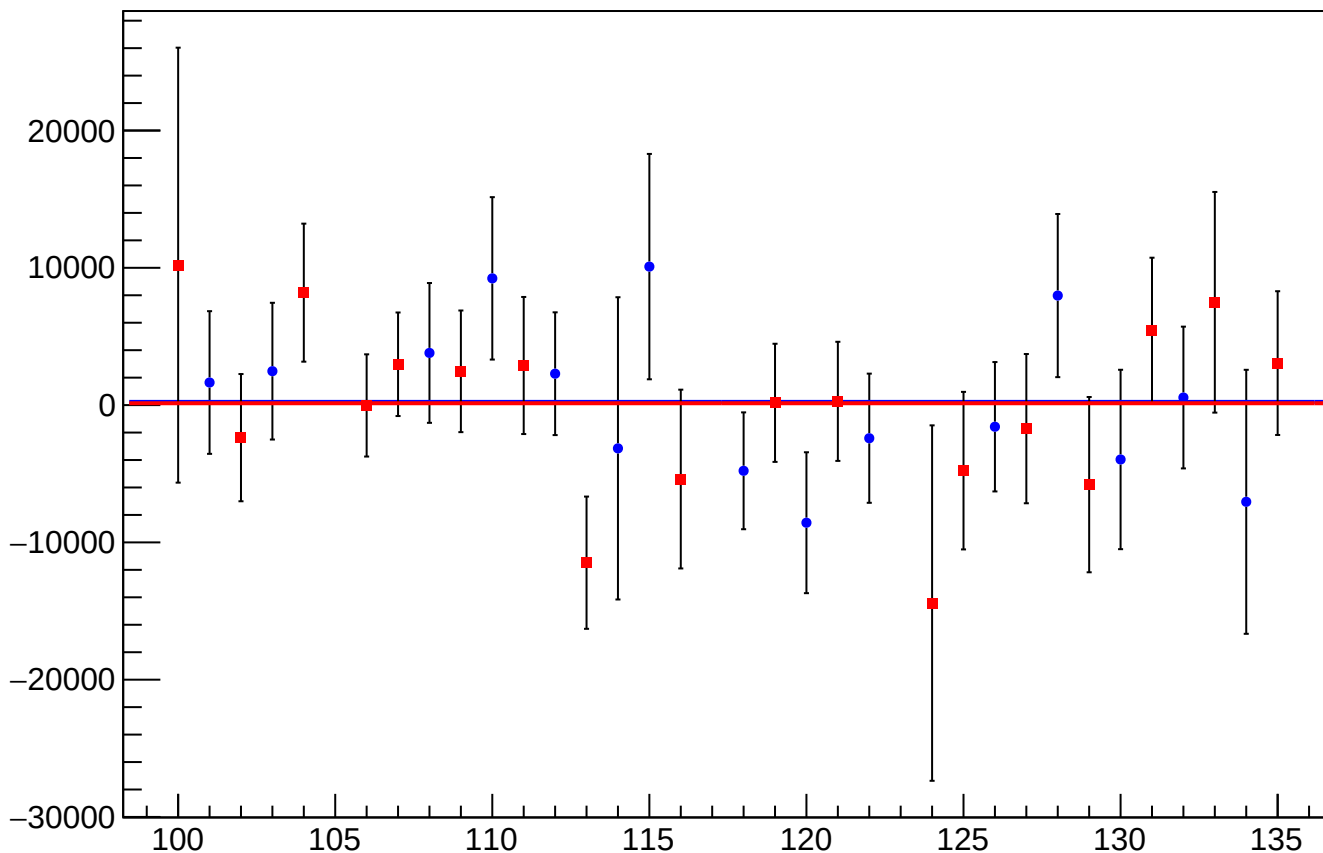
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1299.338+/-0.255 χ^2/NDF : 723281.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 234.118 $\pm$ 1412.623 χ^2 /NDF: 12.3/14

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

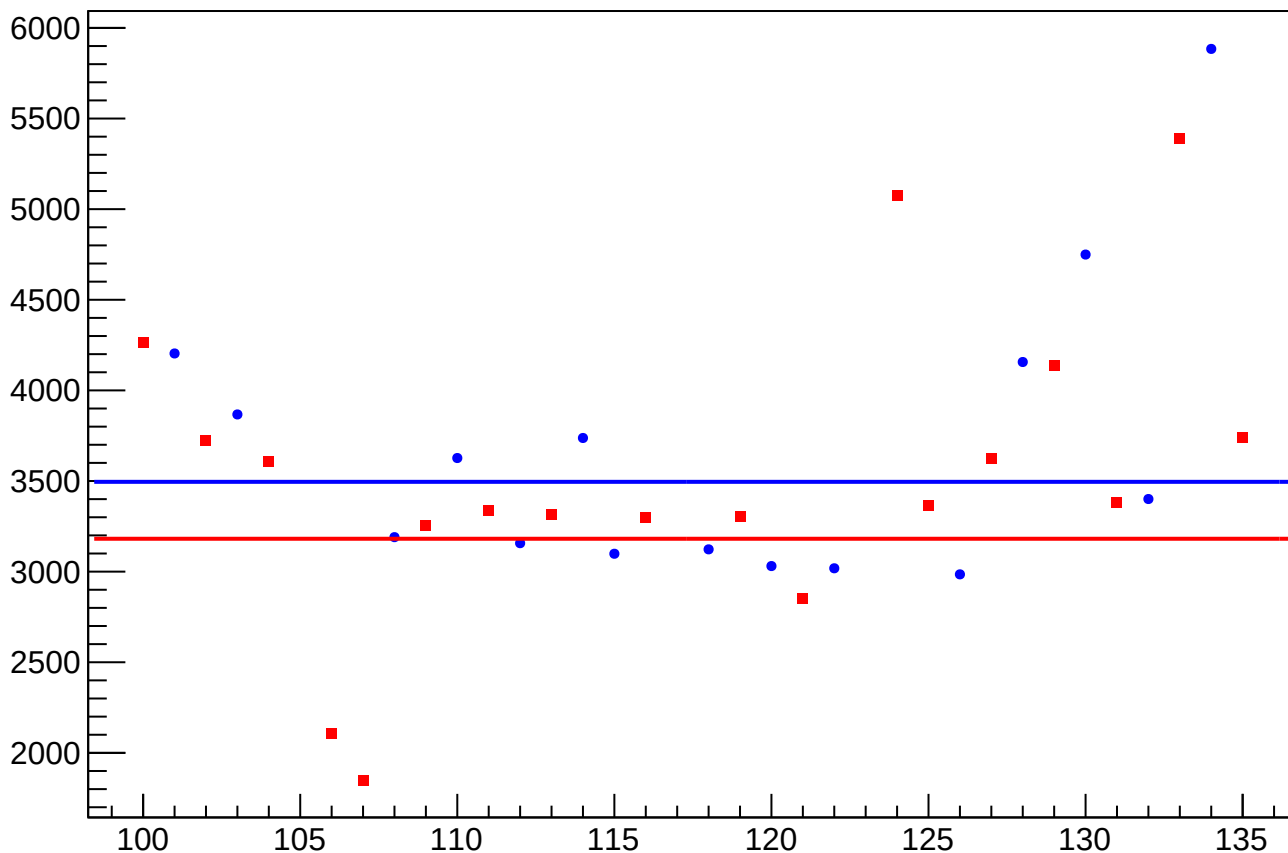
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.298 $\pm$ 920.322 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 3495.482 $\pm$ 0.999 χ^2 /NDF: 371907.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

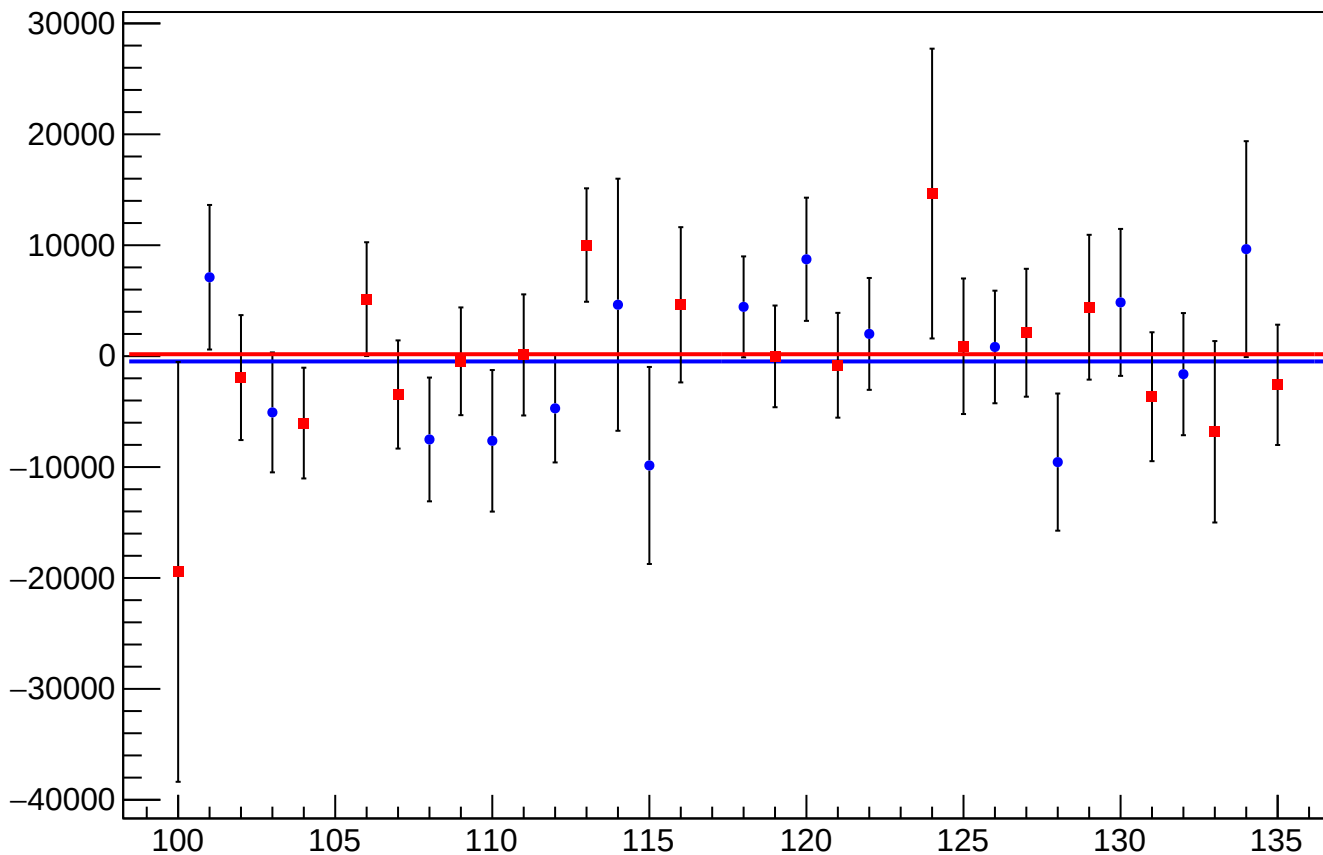
Right Out: 3181.387 $\pm$ 0.858 χ^2 /NDF: 765103.7/17

All: 3314.705 $\pm$ 0.651 χ^2 /NDF: 1193920.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_mean vs Slug



Right In: -476.730+/-1528.247 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.210+/-1353.051 χ^2/NDF : 11.6/17

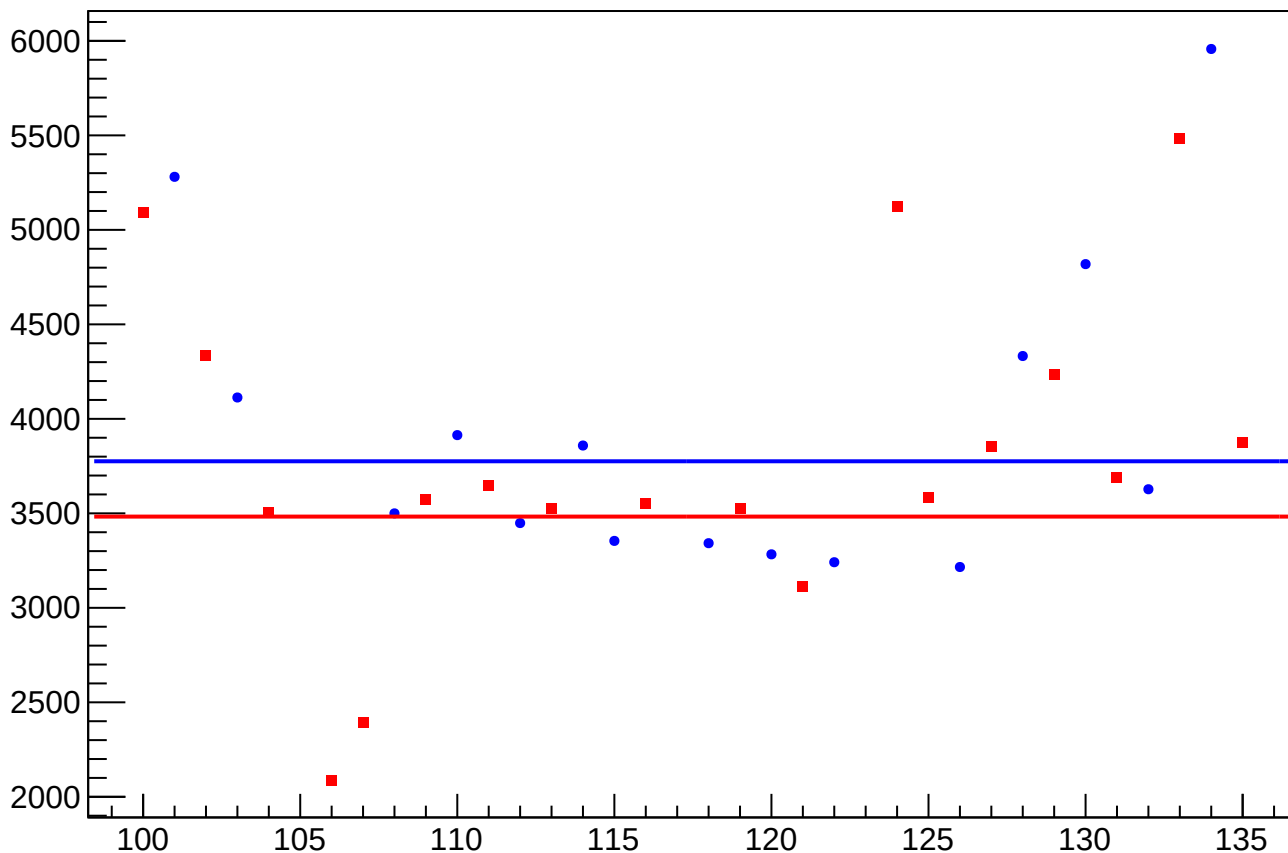
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -112.386+/-1013.056 χ^2/NDF : 26.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_rms vs Slug



Right In: 3775.485+/-1.081 χ^2/NDF : 382252.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3482.777+/-0.943 χ^2/NDF : 583873.4/17

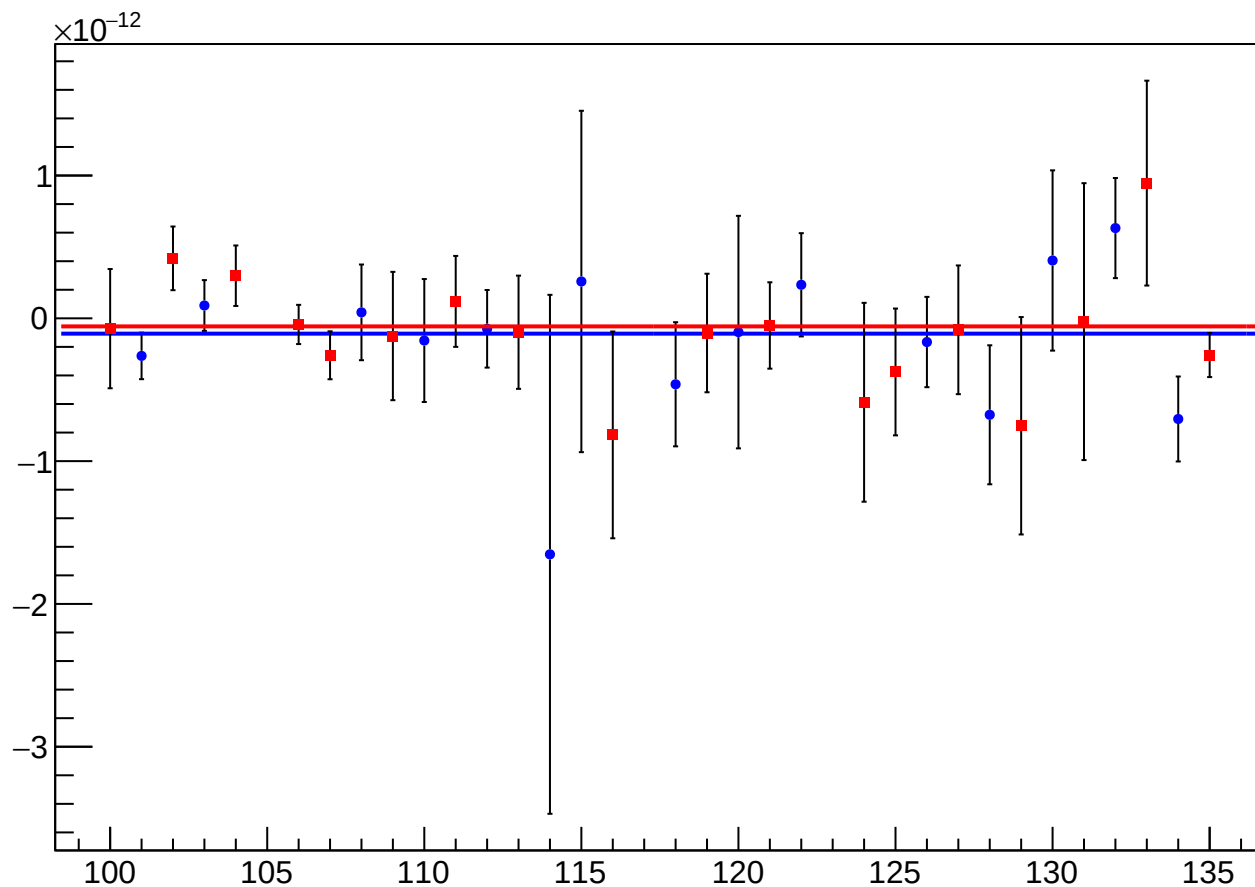
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3609.374+/-0.711 χ^2/NDF : 1007763.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 15.9/17

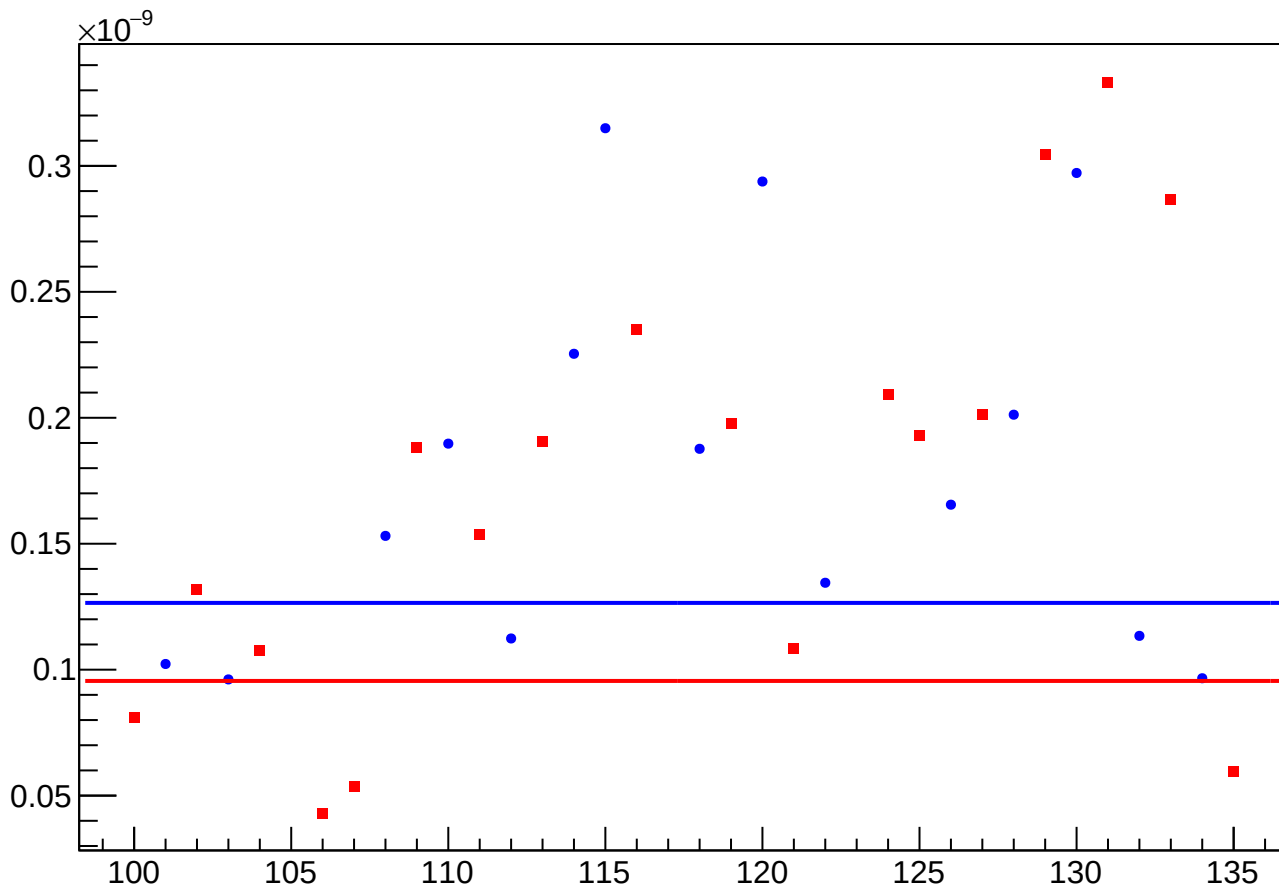
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 591380.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1728189.7/17

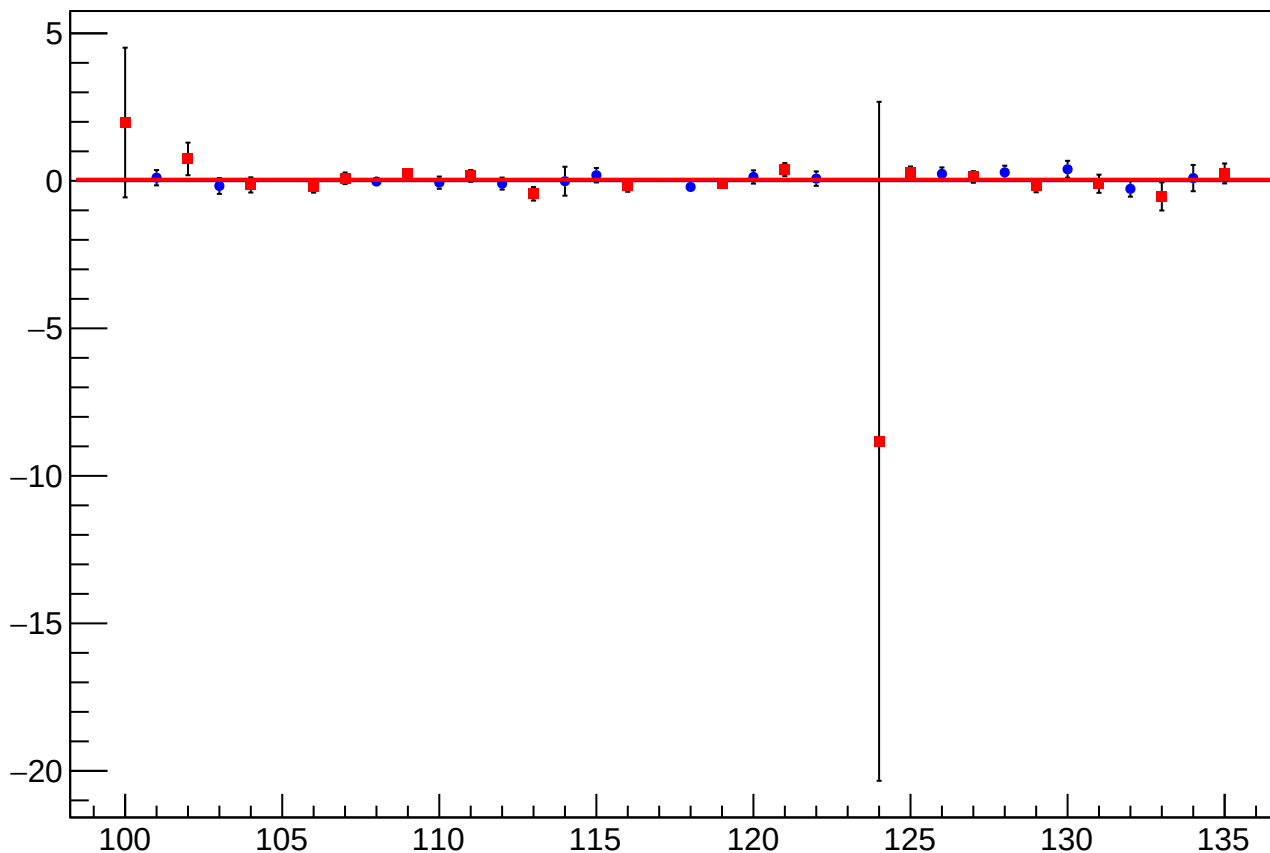
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2494553.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

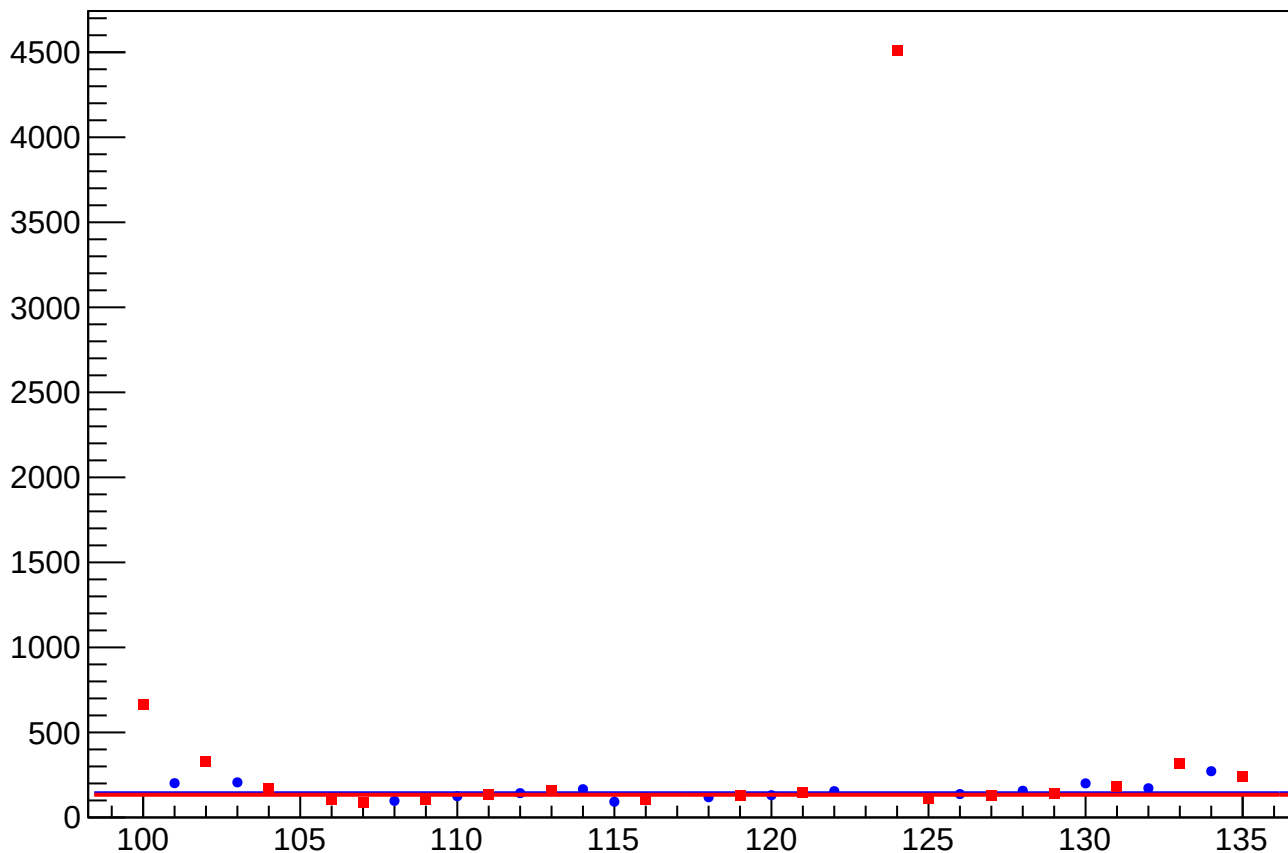
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

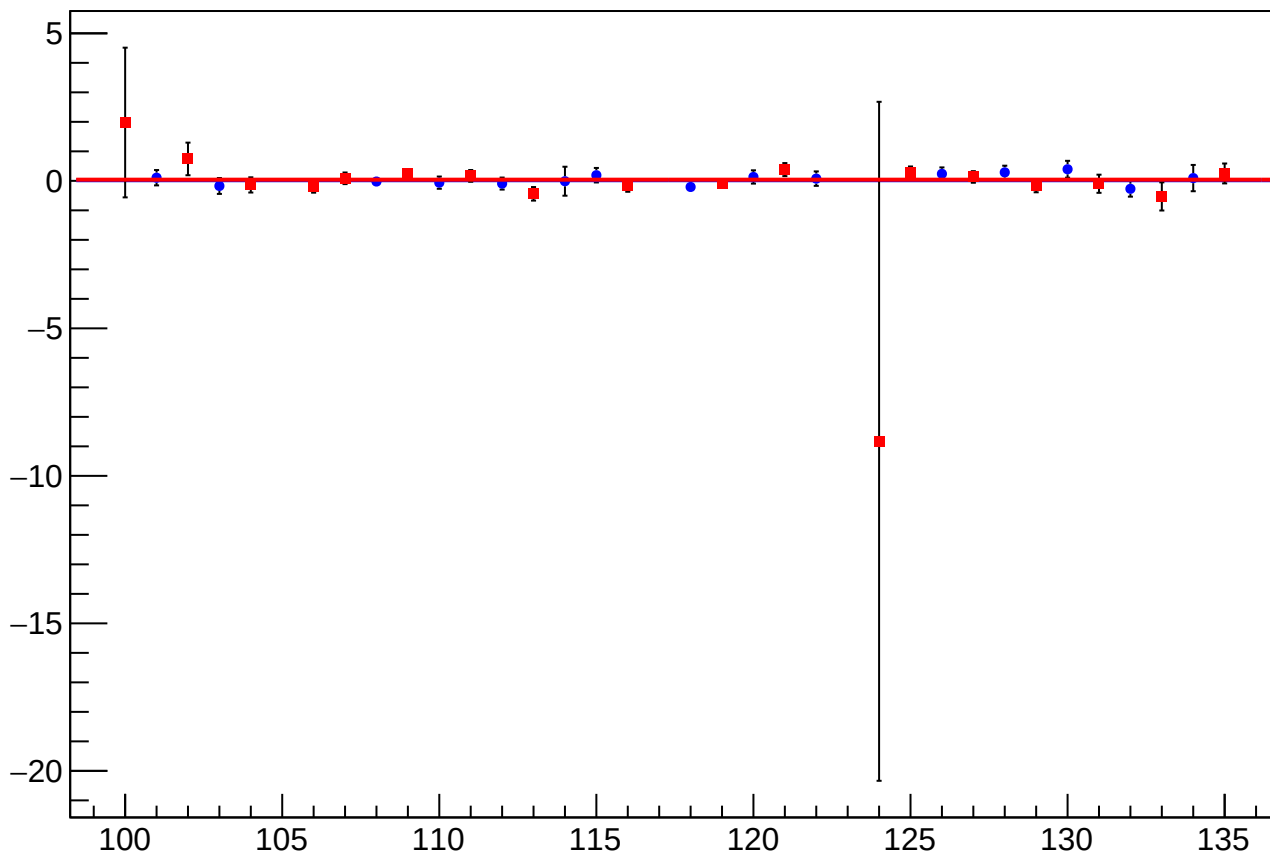
Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.055 χ^2/NDF : 20.0/17

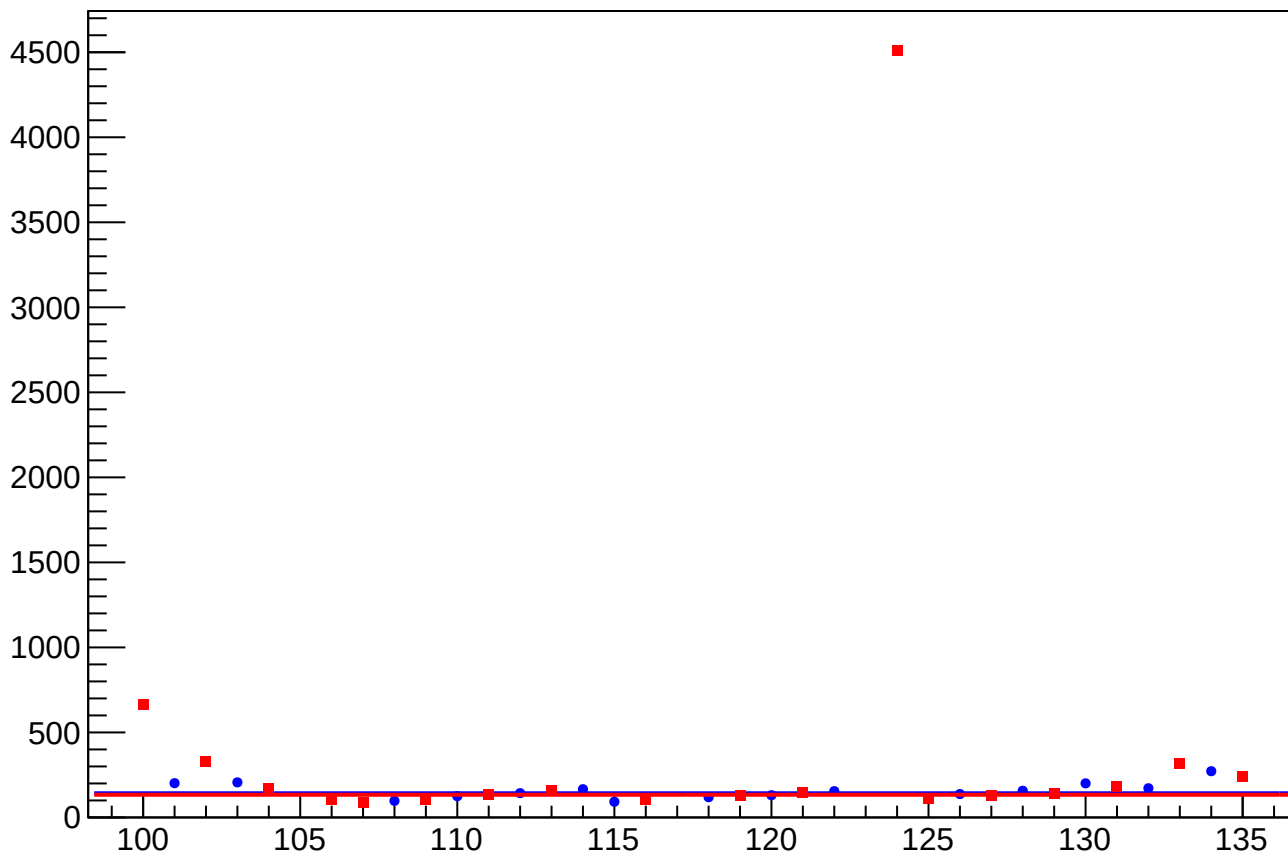
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.040 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810347.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.401+/-0.039 χ^2/NDF : 1504725.5/17

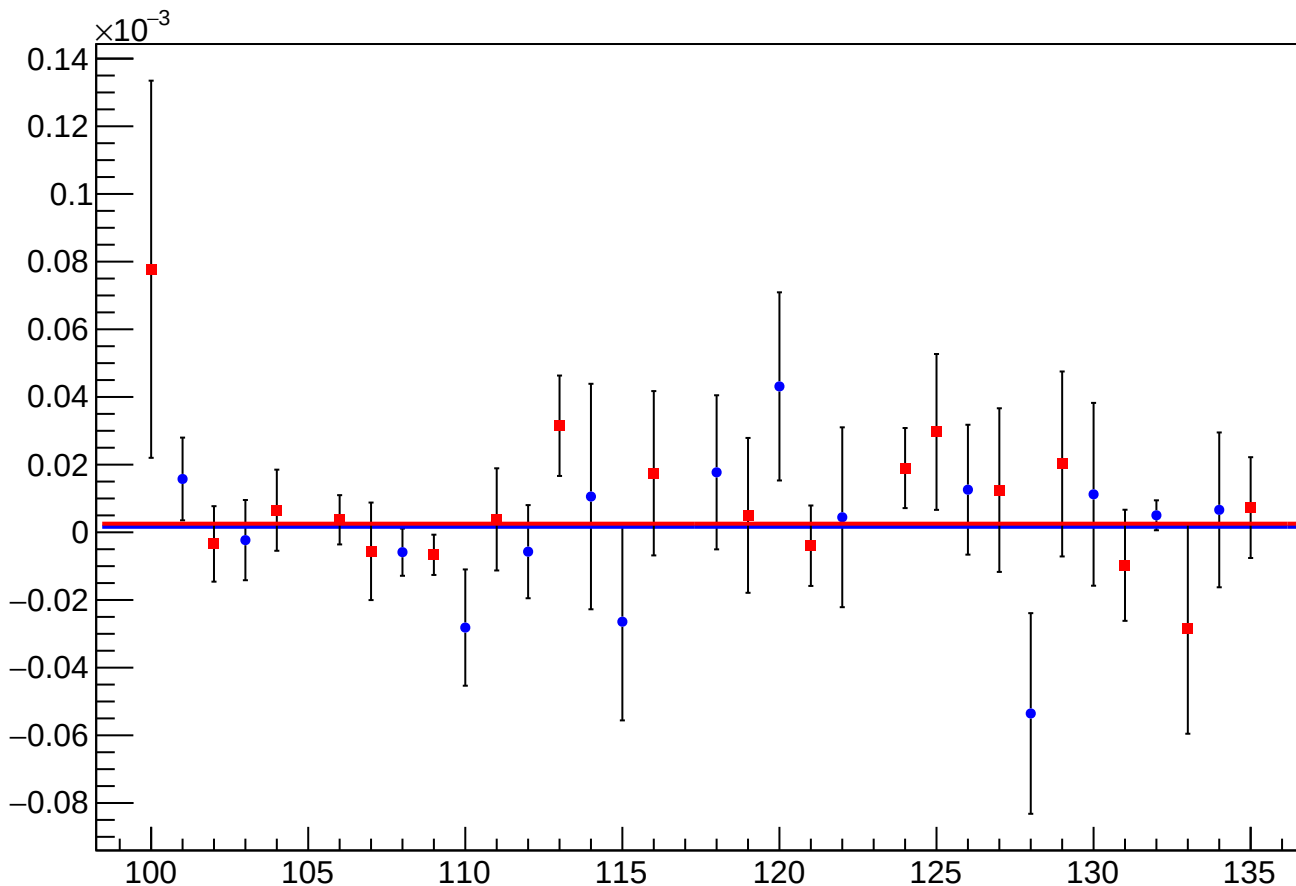
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.477+/-0.029 χ^2/NDF : 2338960.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/14

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

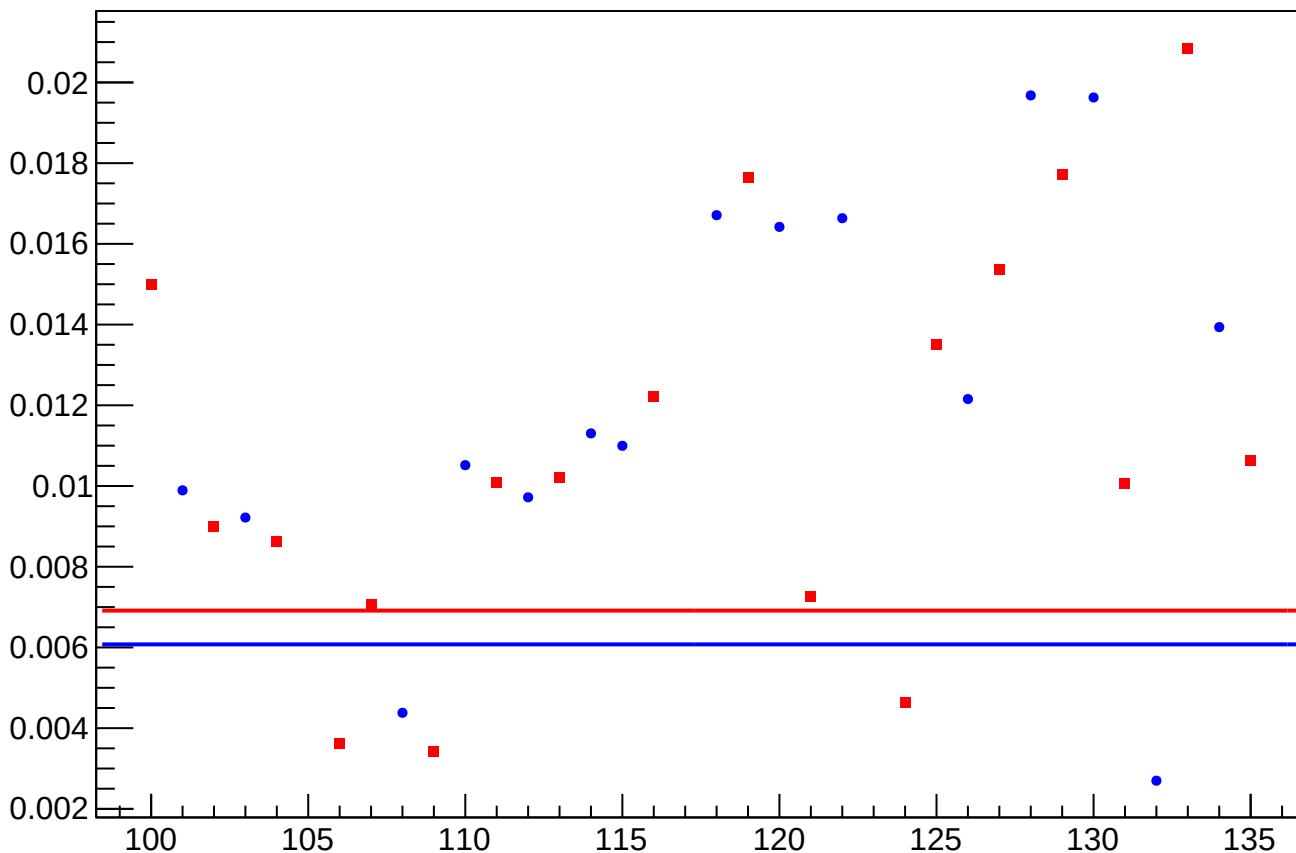
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 4386851.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 3367113.6/17

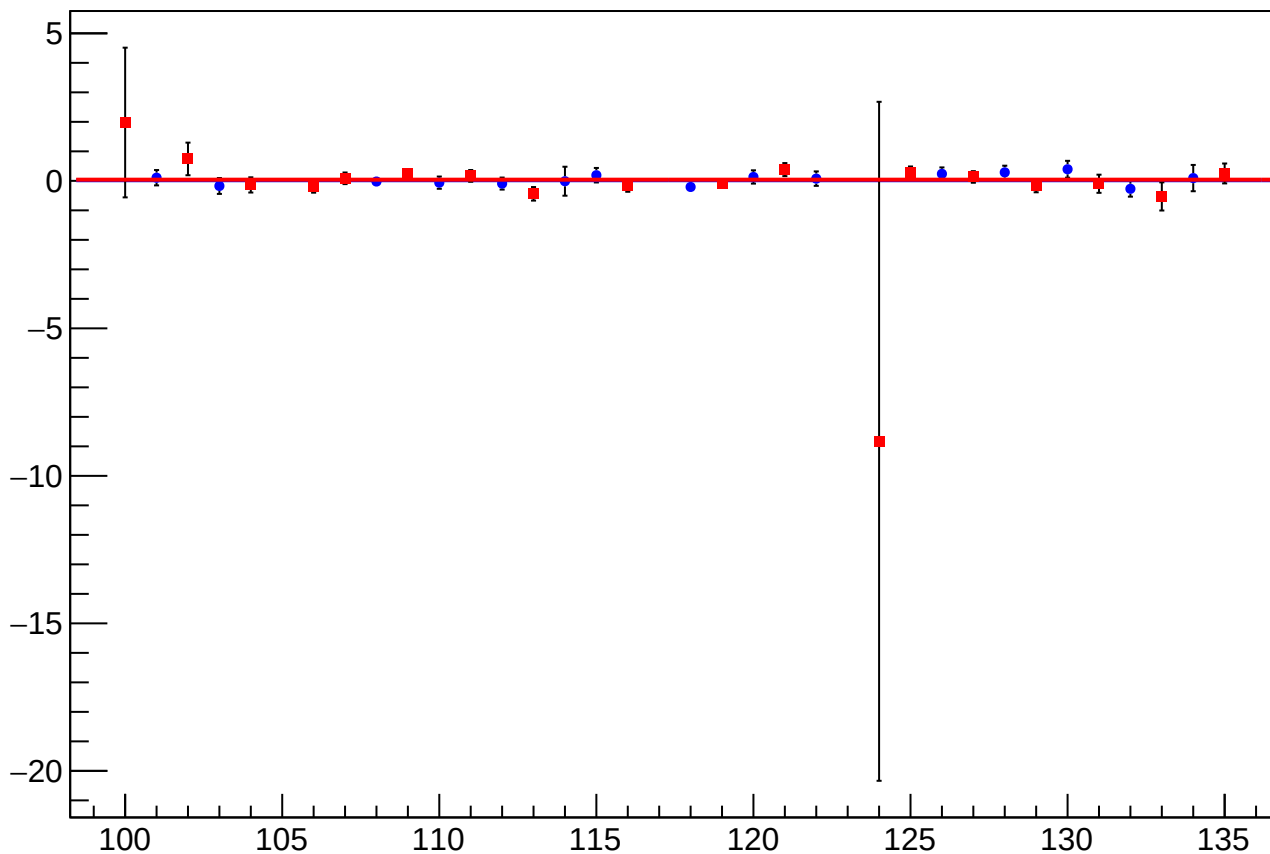
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7829697.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.060 χ^2 /NDF: 9.2/14

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

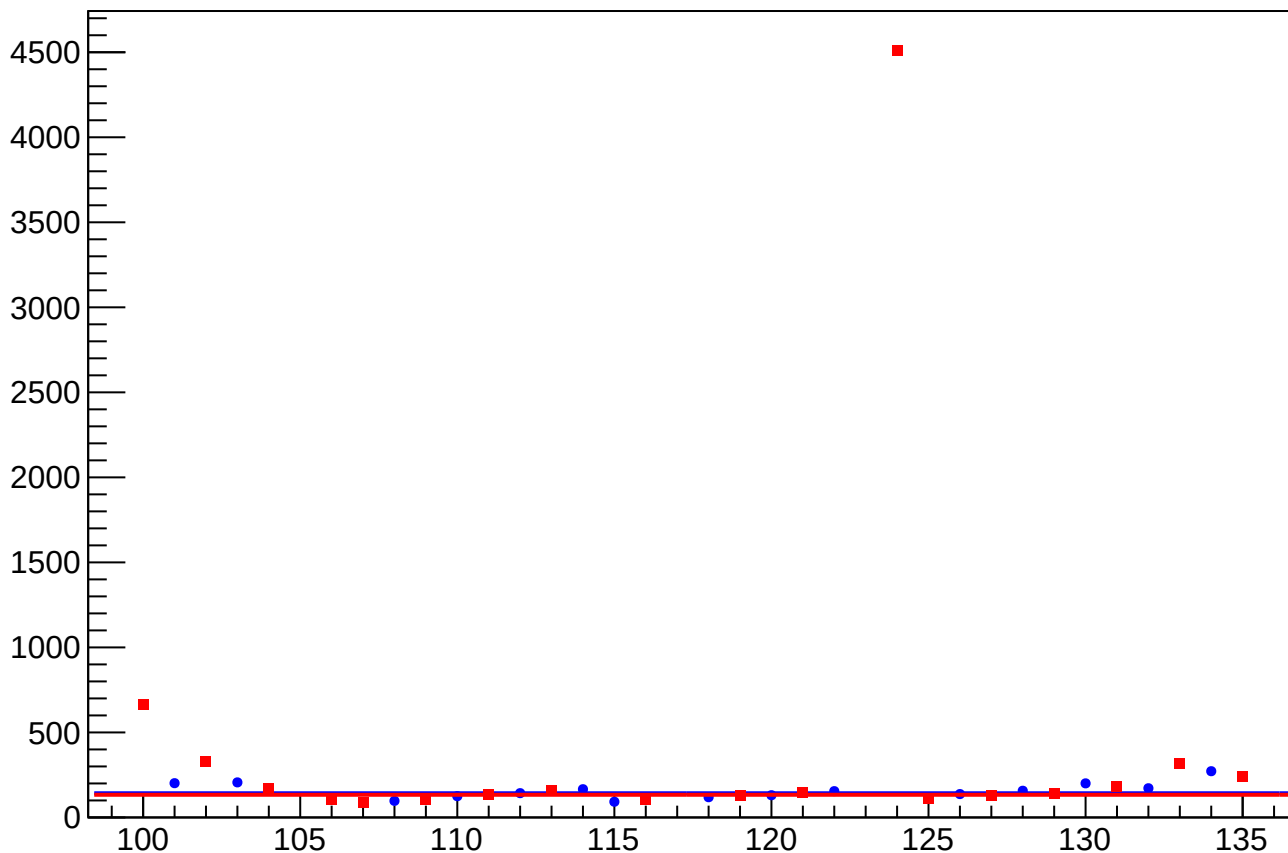
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.031 $\pm$ 0.040 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

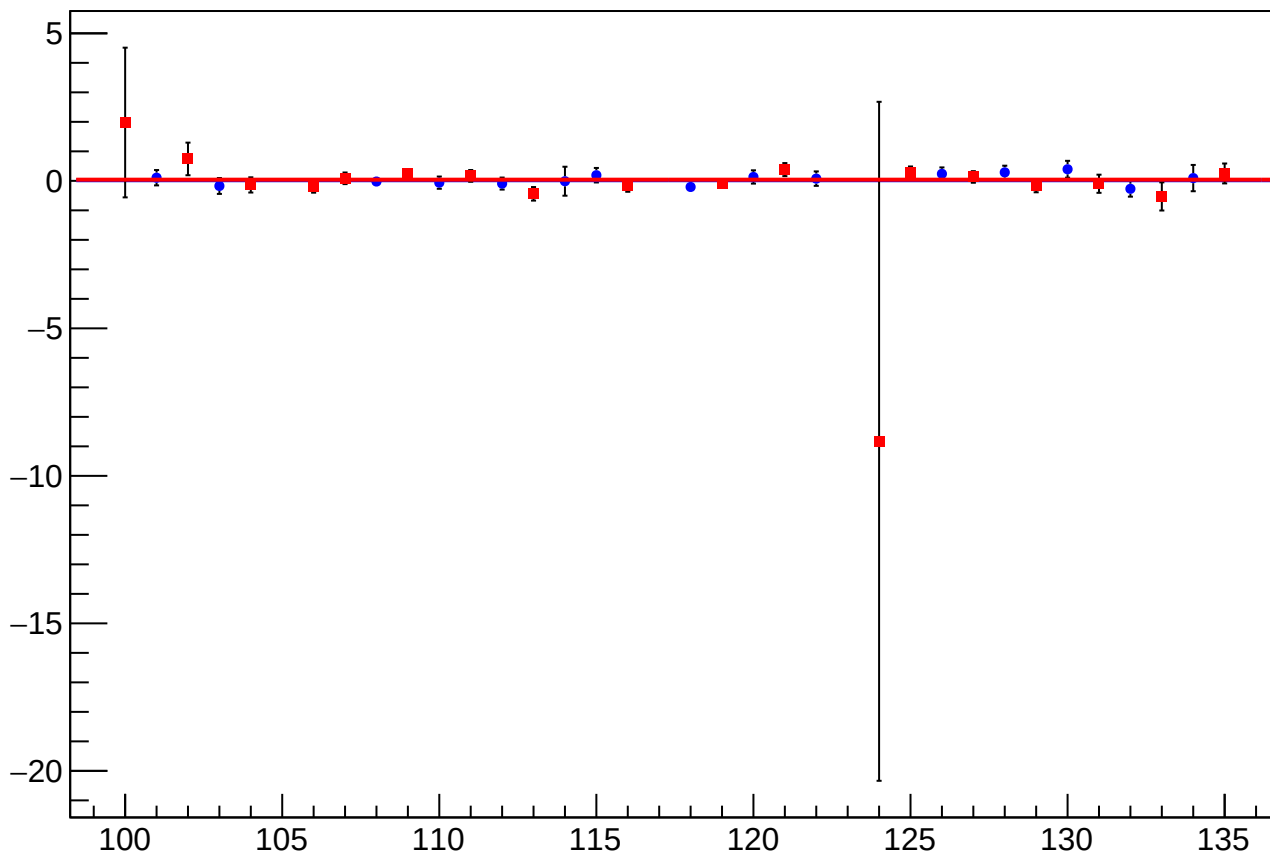
Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021+/-0.060 χ^2/NDF : 9.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.040+/-0.055 χ^2/NDF : 20.0/17

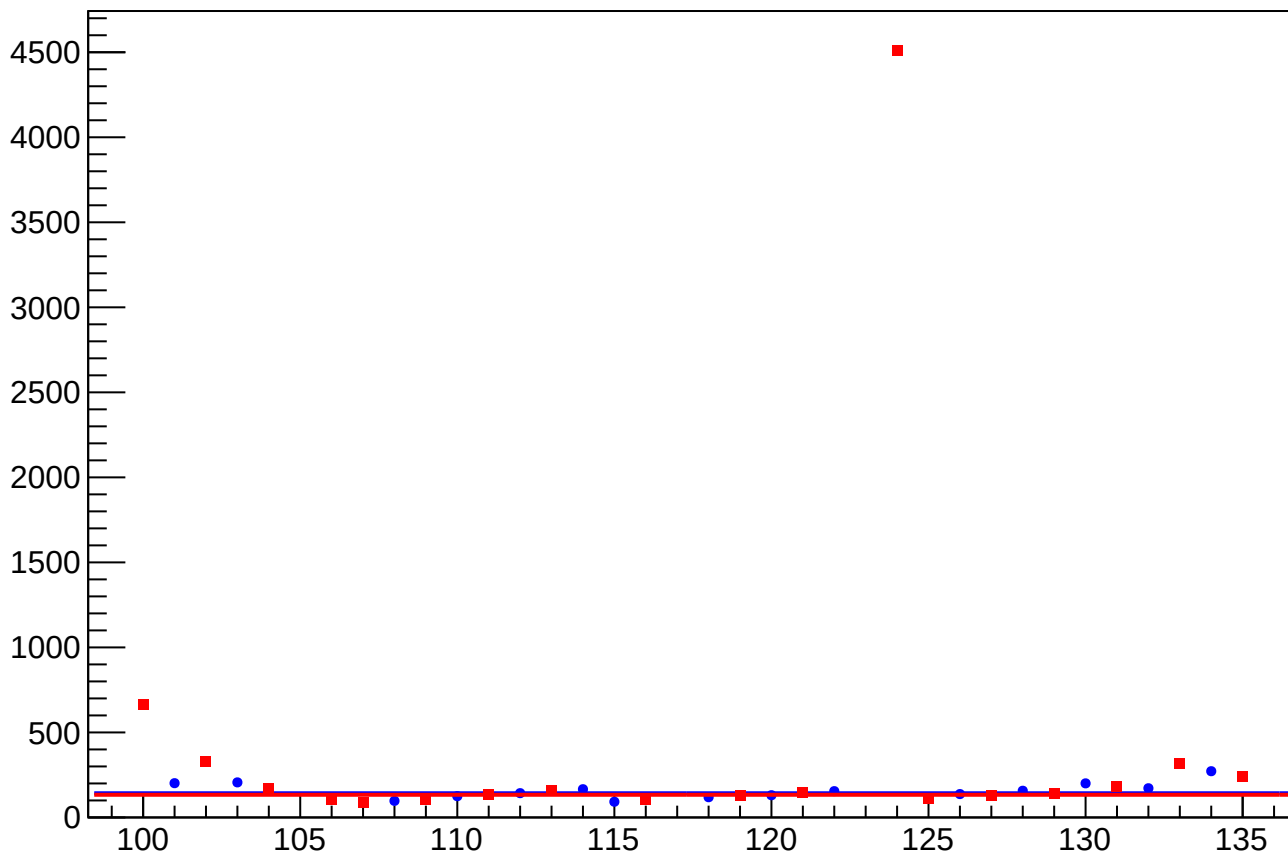
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.040 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 142.263+/-0.042 χ^2/NDF : 810277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.402+/-0.039 χ^2/NDF : 1504650.5/17

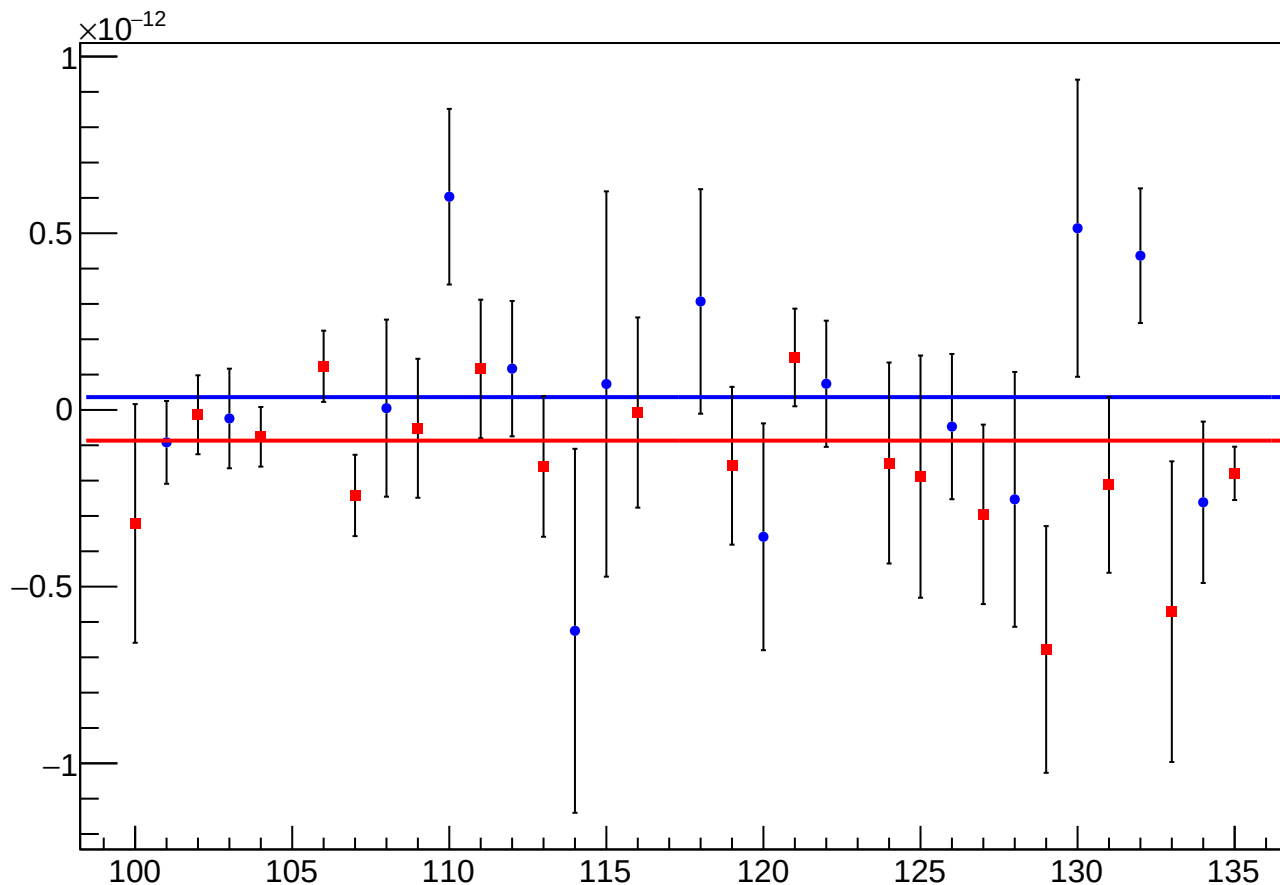
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.478+/-0.029 χ^2/NDF : 2338807.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/17

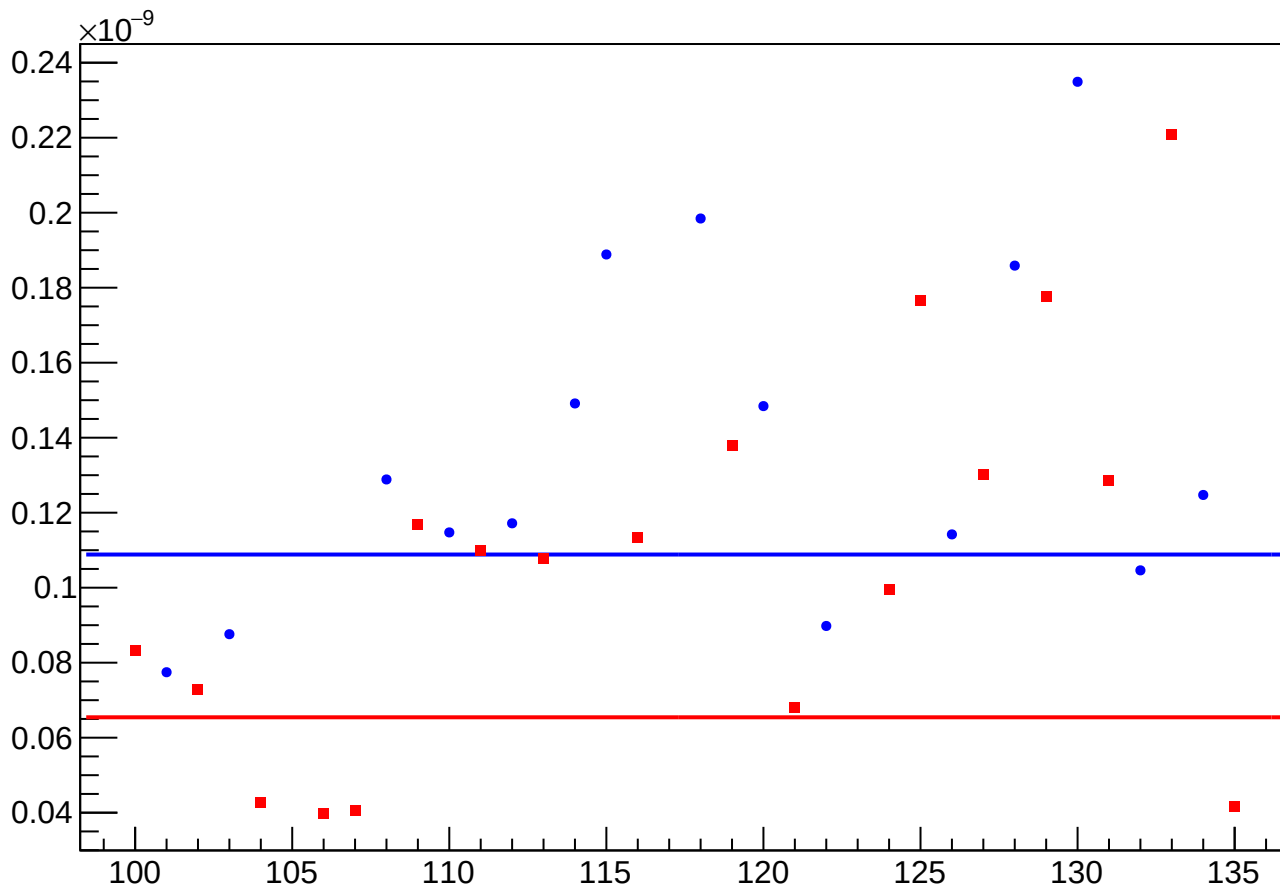
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 757637.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2154296.5/17

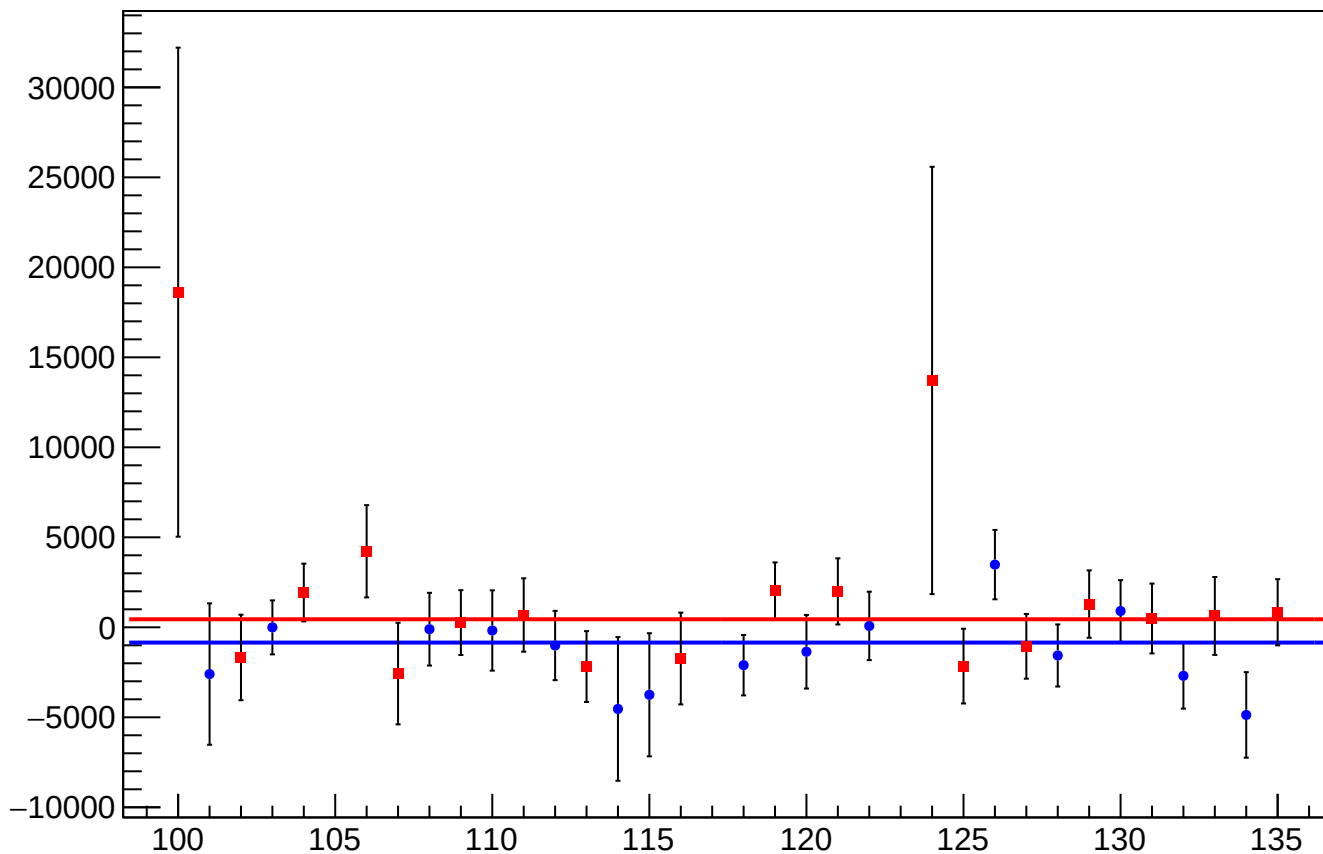
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3784722.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -848.642 $\pm$ 522.196 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 446.294 $\pm$ 493.035 χ^2 /NDF: 14.8/17

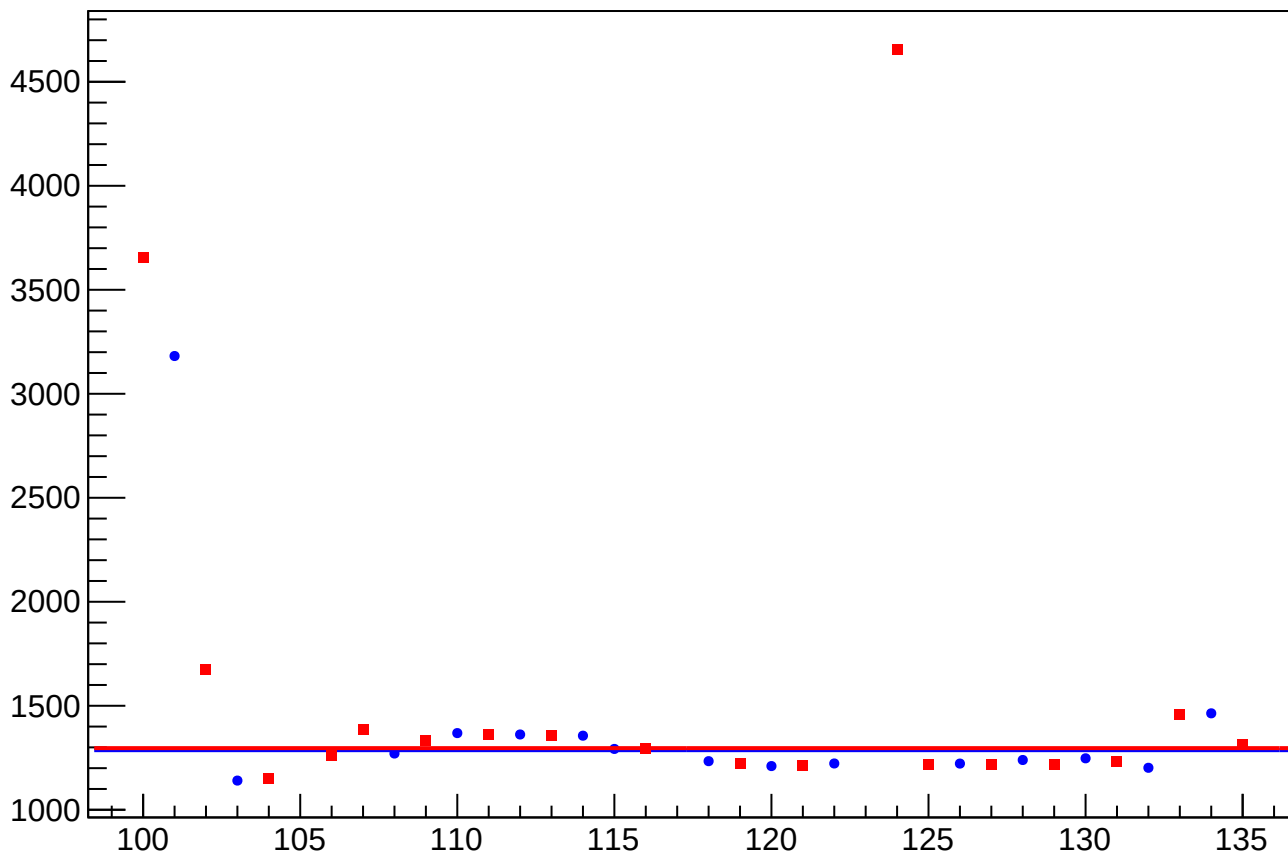
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -164.010 $\pm$ 358.494 χ^2 /NDF: 31.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518113.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1296.317+/-0.349 χ^2/NDF : 328030.2/17

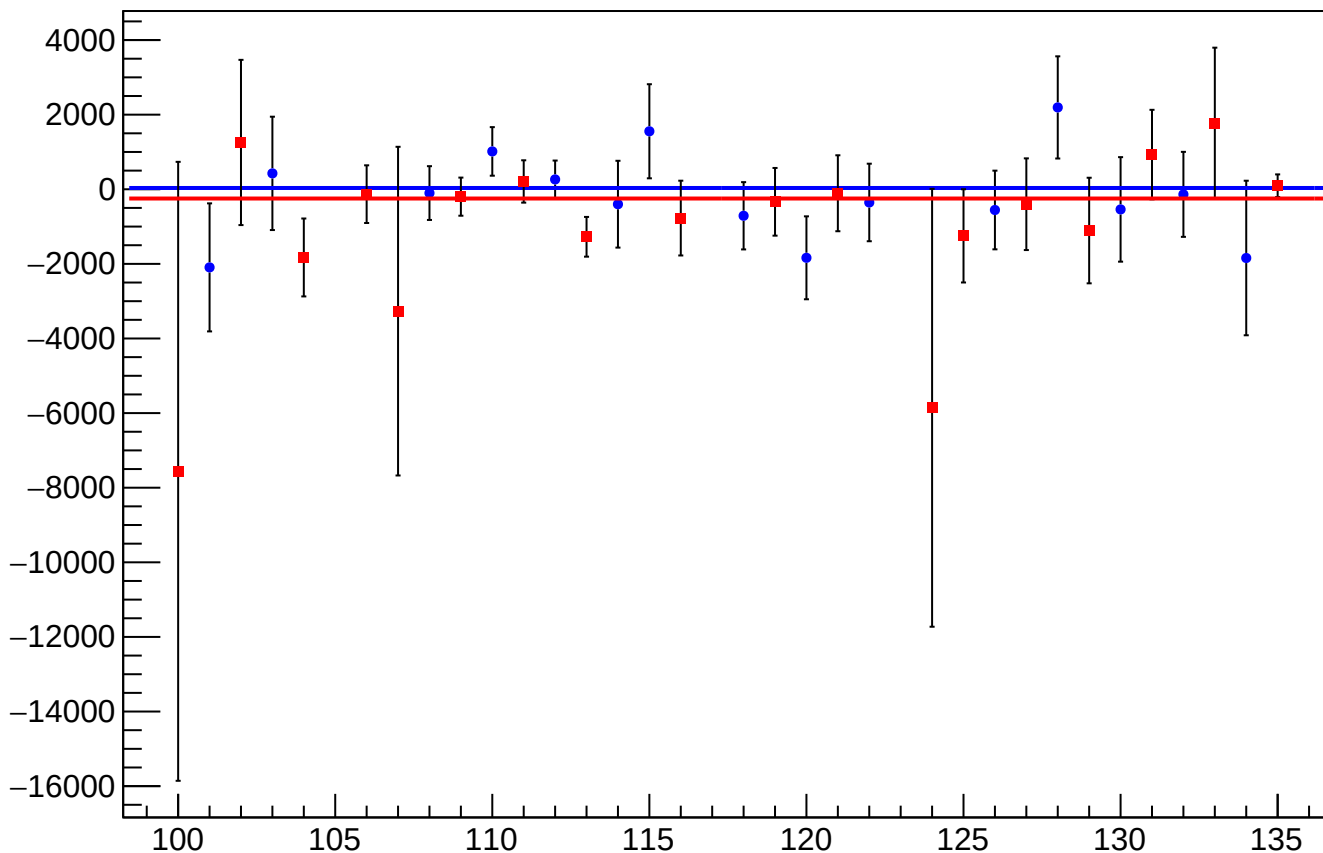
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1291.726+/-0.253 χ^2/NDF : 846512.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_mean vs Slug



Right In: 34.510 $\pm$ 248.079 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -247.875 $\pm$ 182.170 χ^2 /NDF: 13.9/17

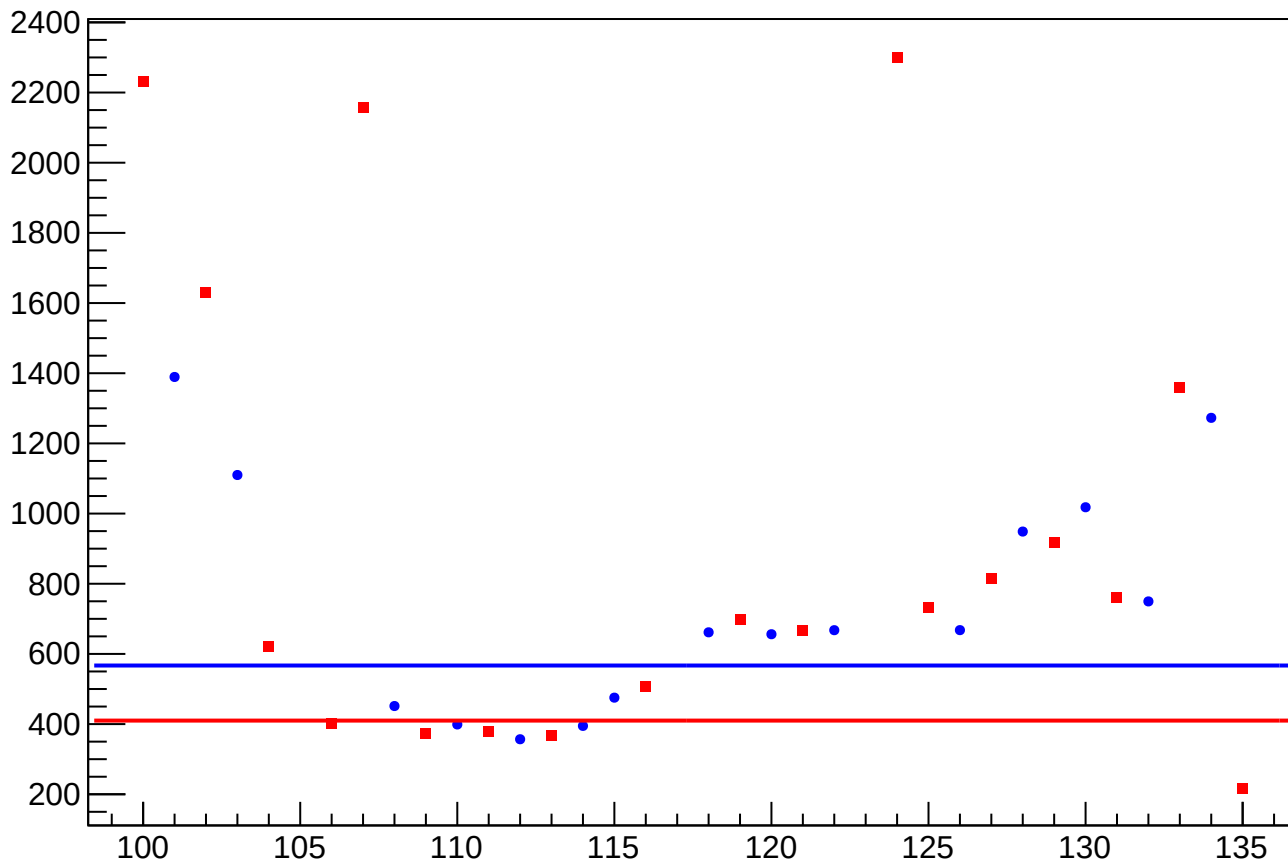
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -148.949 $\pm$ 146.834 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_correction_rms vs Slug



Right In: 566.946+/-0.175 χ^2/NDF : 2017605.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 409.984+/-0.129 χ^2/NDF : 3727195.4/17

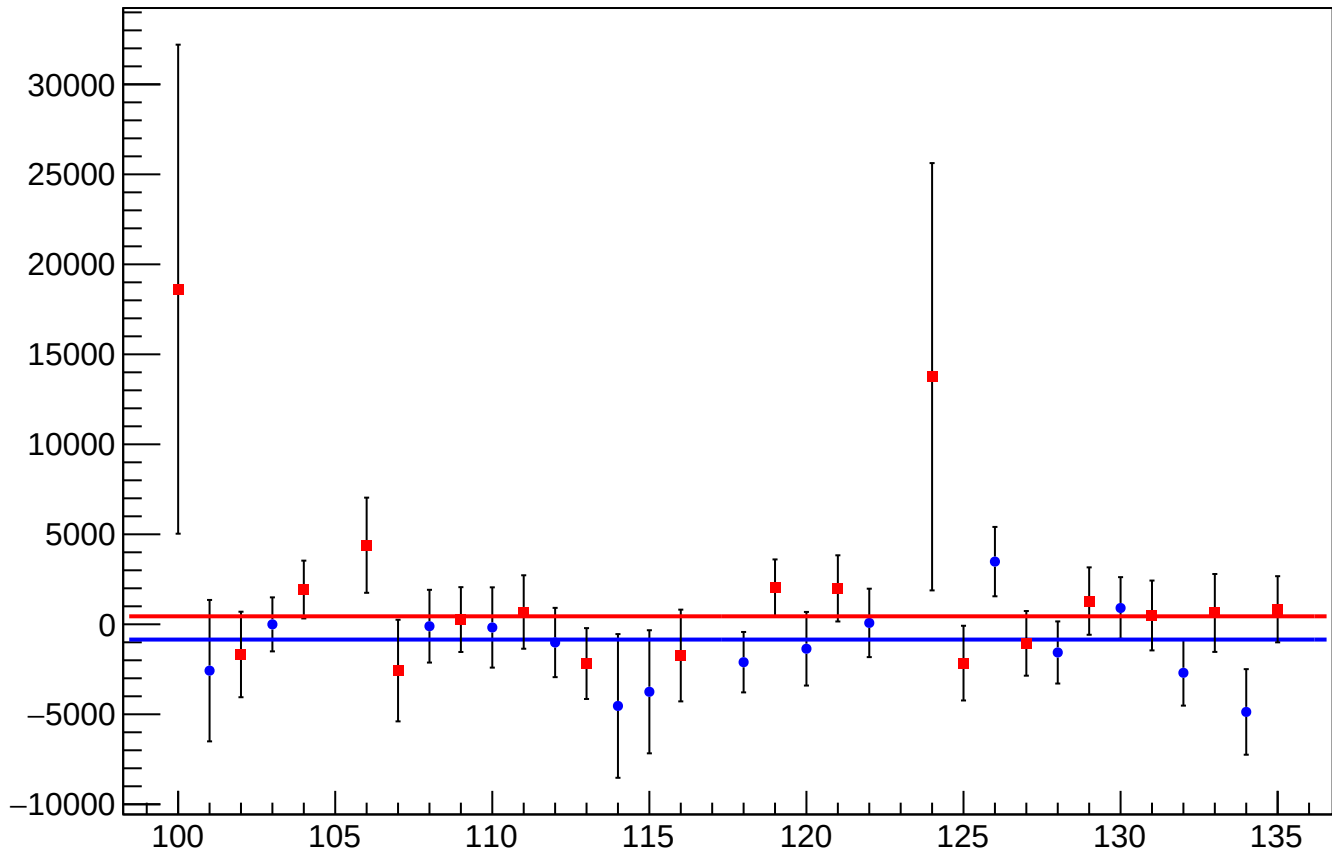
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.971+/-0.104 χ^2/NDF : 6264957.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -848.154 $\pm$ 522.196 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 443.872 $\pm$ 493.581 χ^2 /NDF: 14.8/17

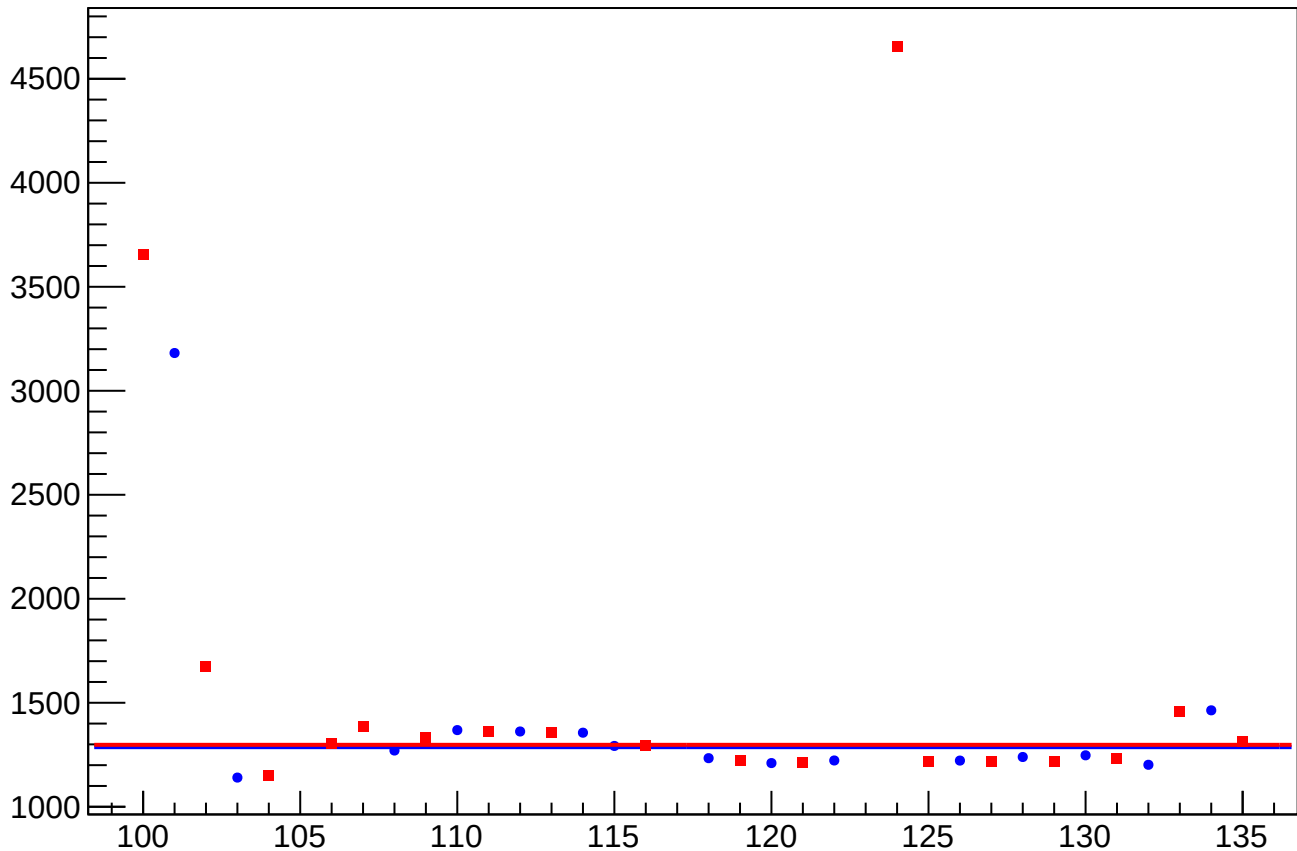
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -165.773 $\pm$ 358.704 χ^2 /NDF: 31.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

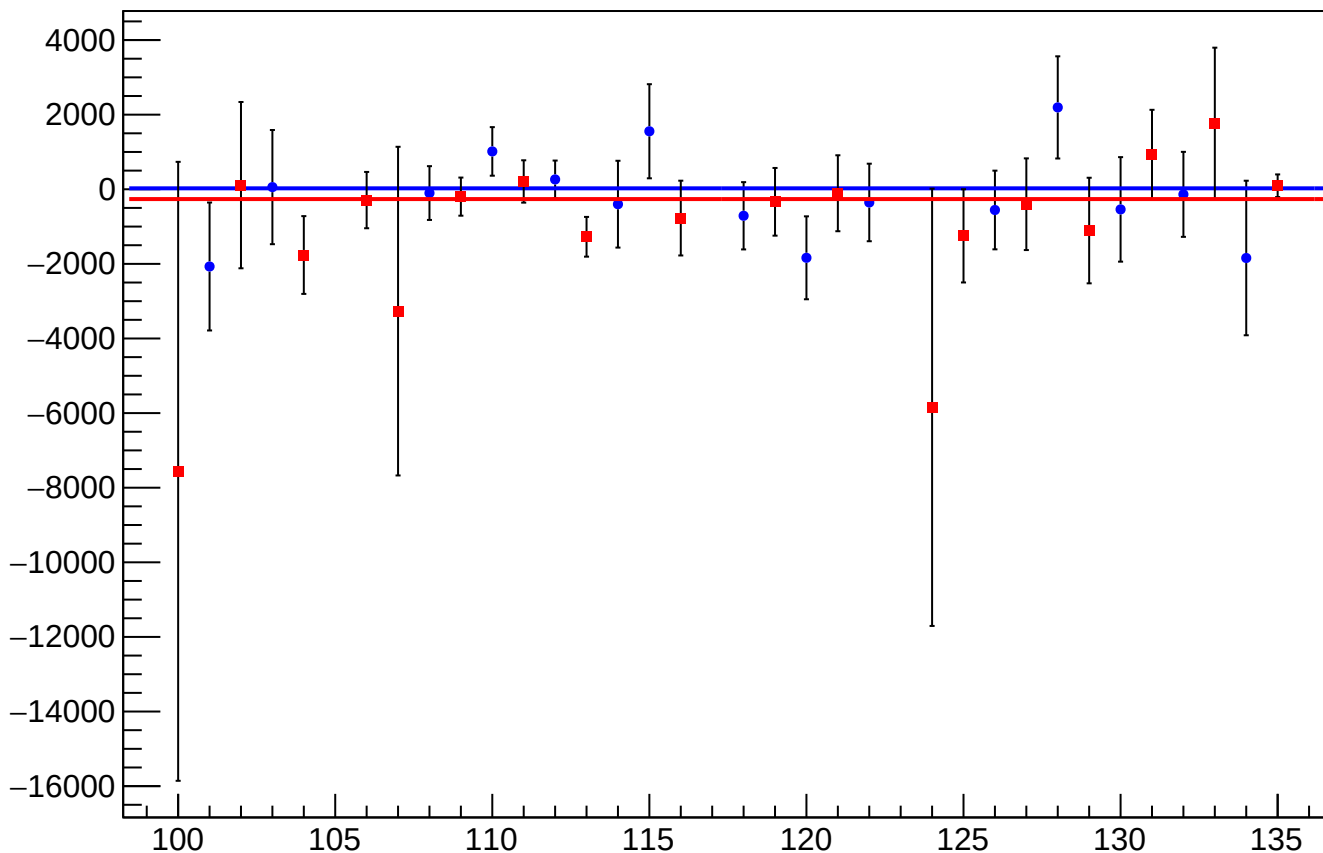
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.510+/-0.254 χ^2/NDF : 846296.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_mean vs Slug



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.805+/-181.924 χ^2/NDF : 13.2/17

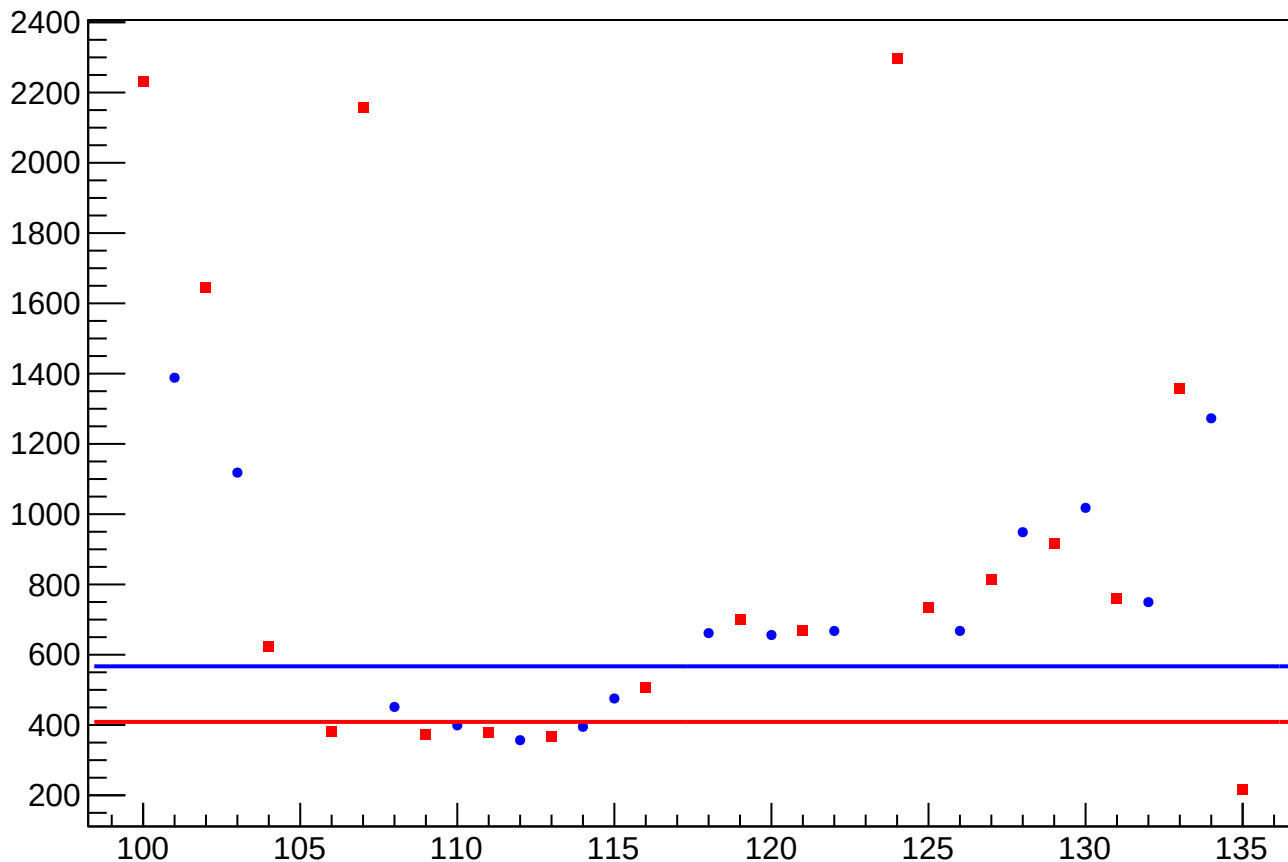
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.117+/-146.714 χ^2/NDF : 27.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_cor_correction_rms vs Slug



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

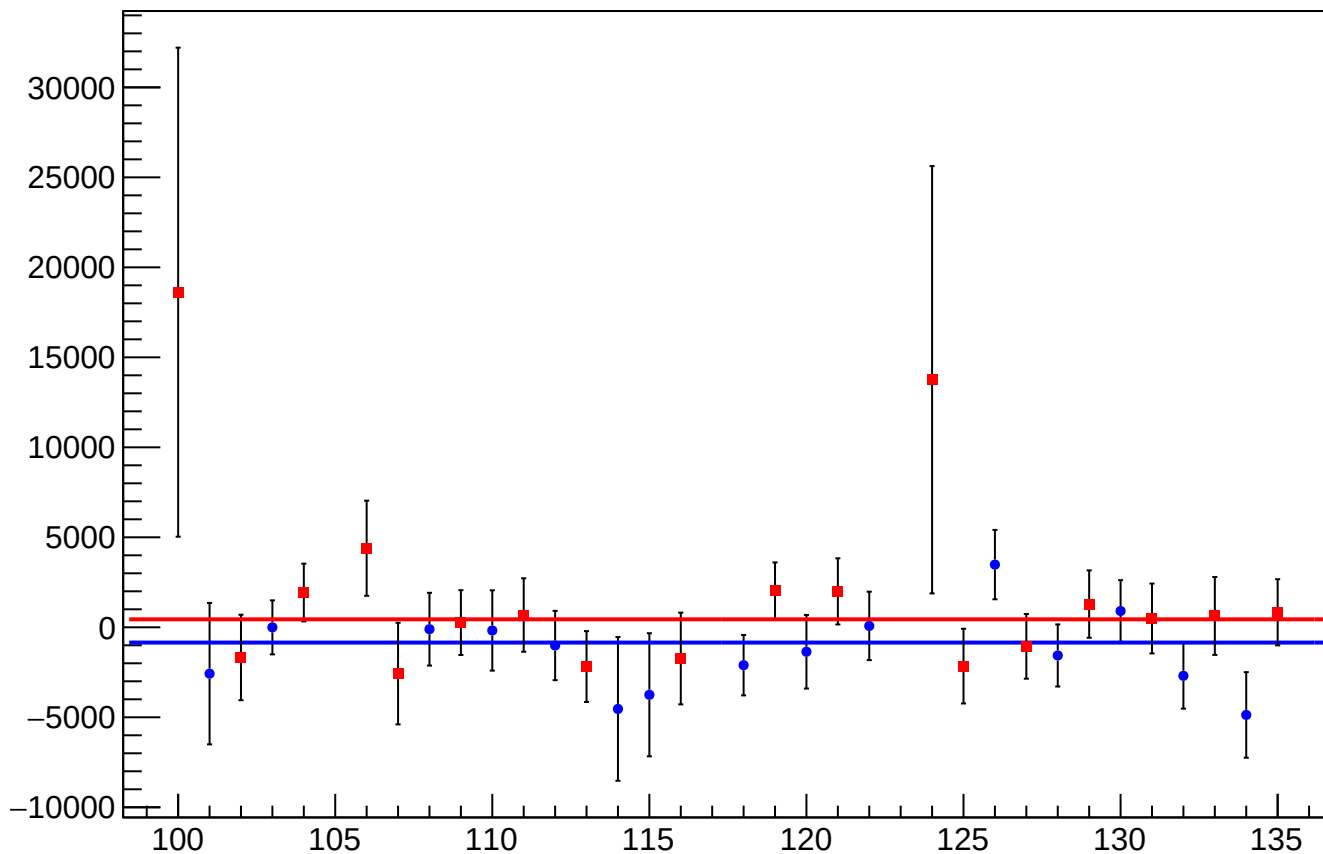
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 464.115+/-0.104 χ^2/NDF : 6285883.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -848.154+/-522.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 443.872+/-493.581 χ^2/NDF : 14.8/17

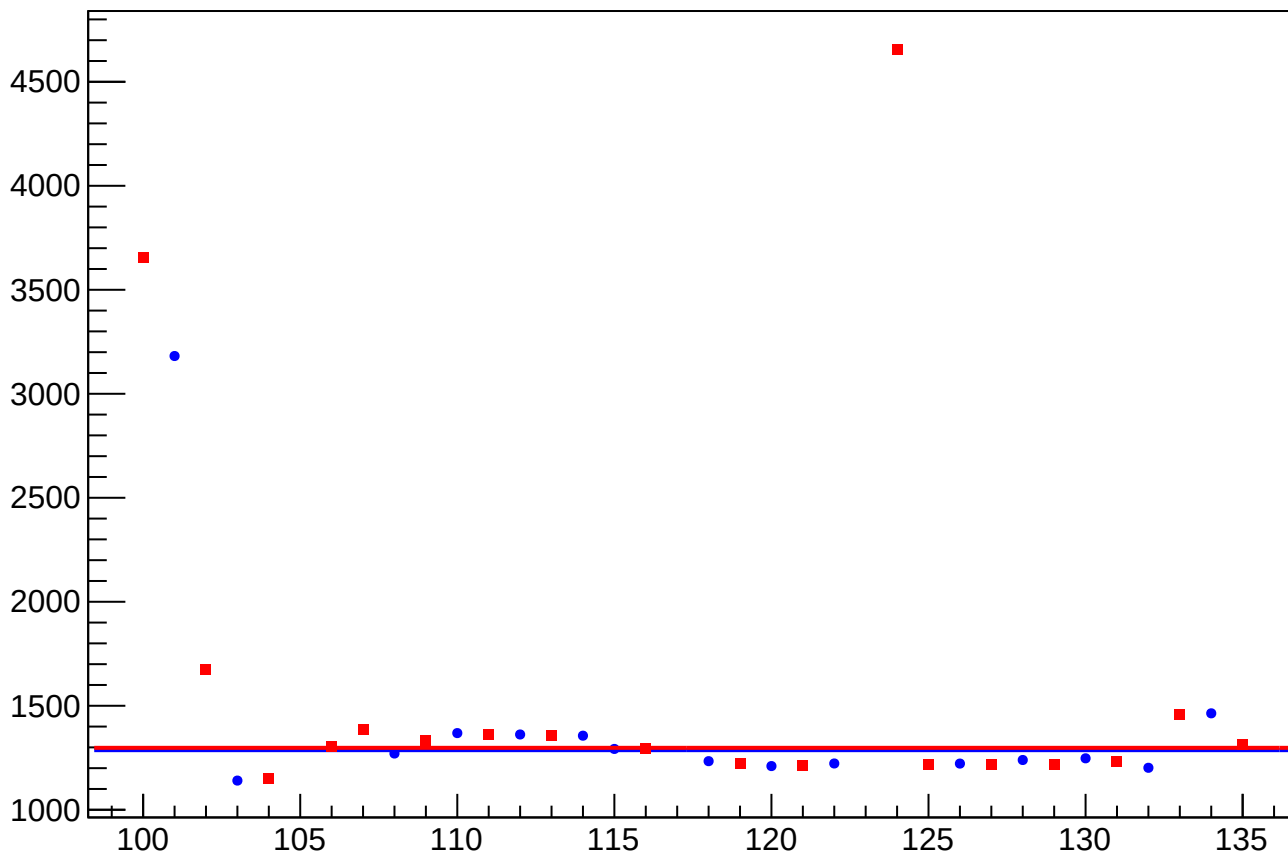
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.773+/-358.704 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1286.575+/-0.369 χ^2/NDF : 518115.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1297.812+/-0.349 χ^2/NDF : 327692.3/17

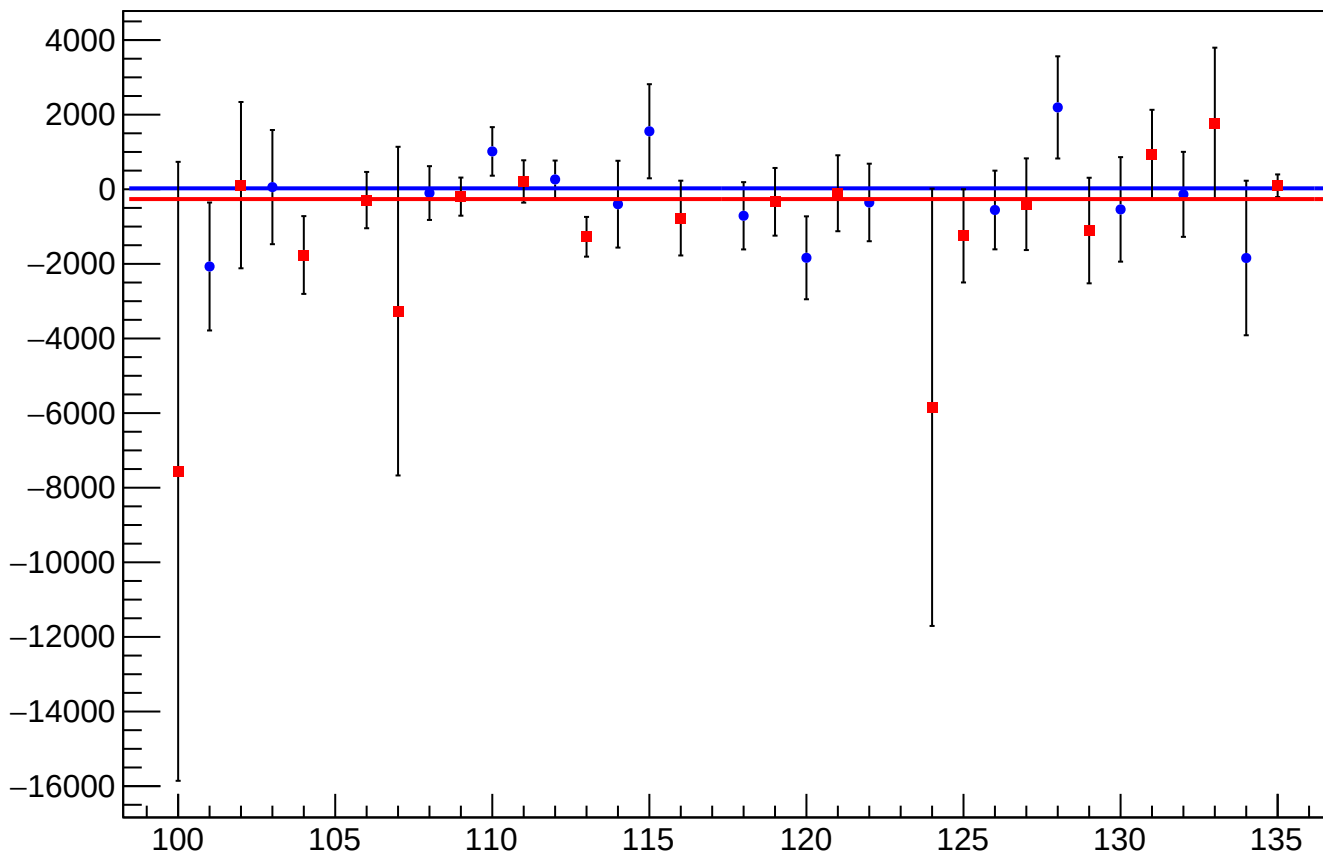
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1292.510+/-0.254 χ^2/NDF : 846296.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 25.184+/-248.126 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -262.805+/-181.924 χ^2/NDF : 13.2/17

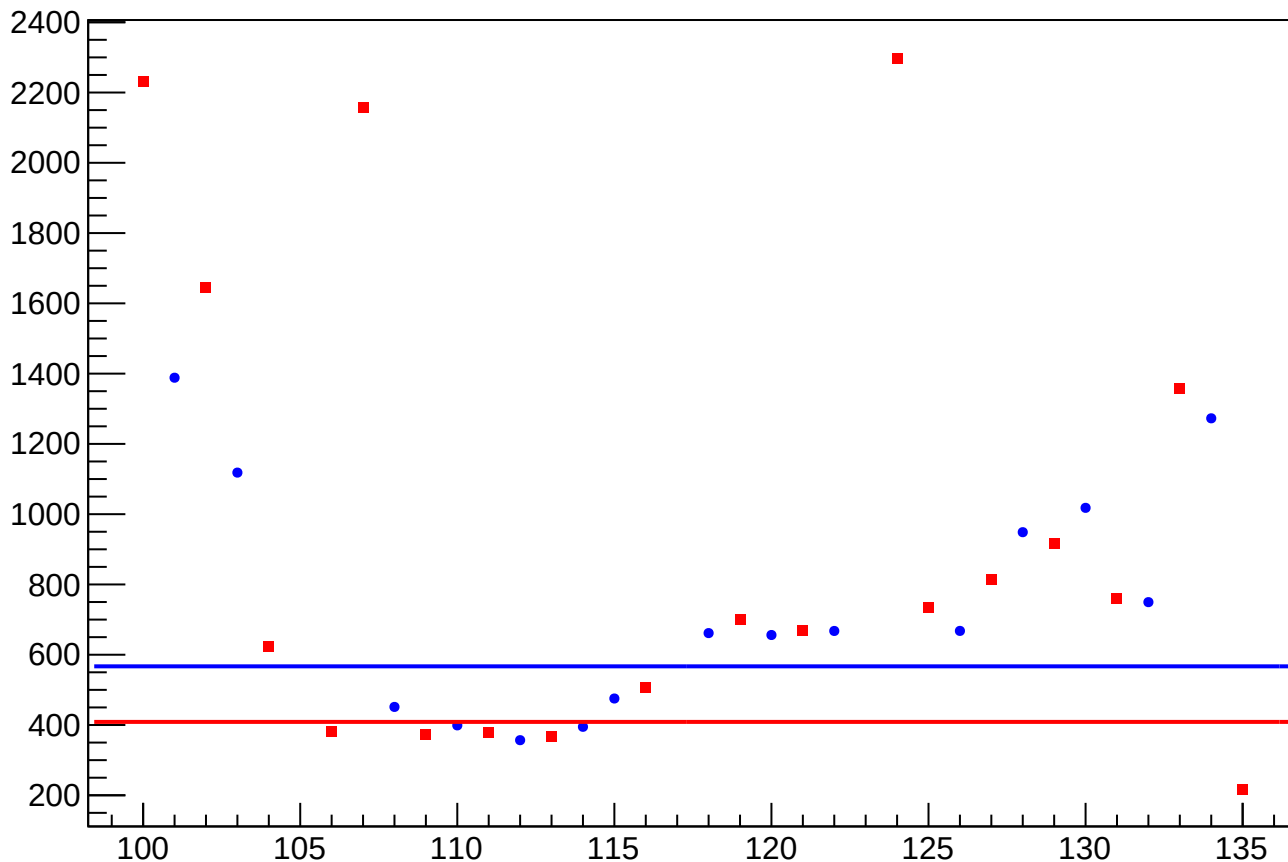
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -162.117+/-146.714 χ^2/NDF : 27.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 566.961+/-0.175 χ^2/NDF : 2021264.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

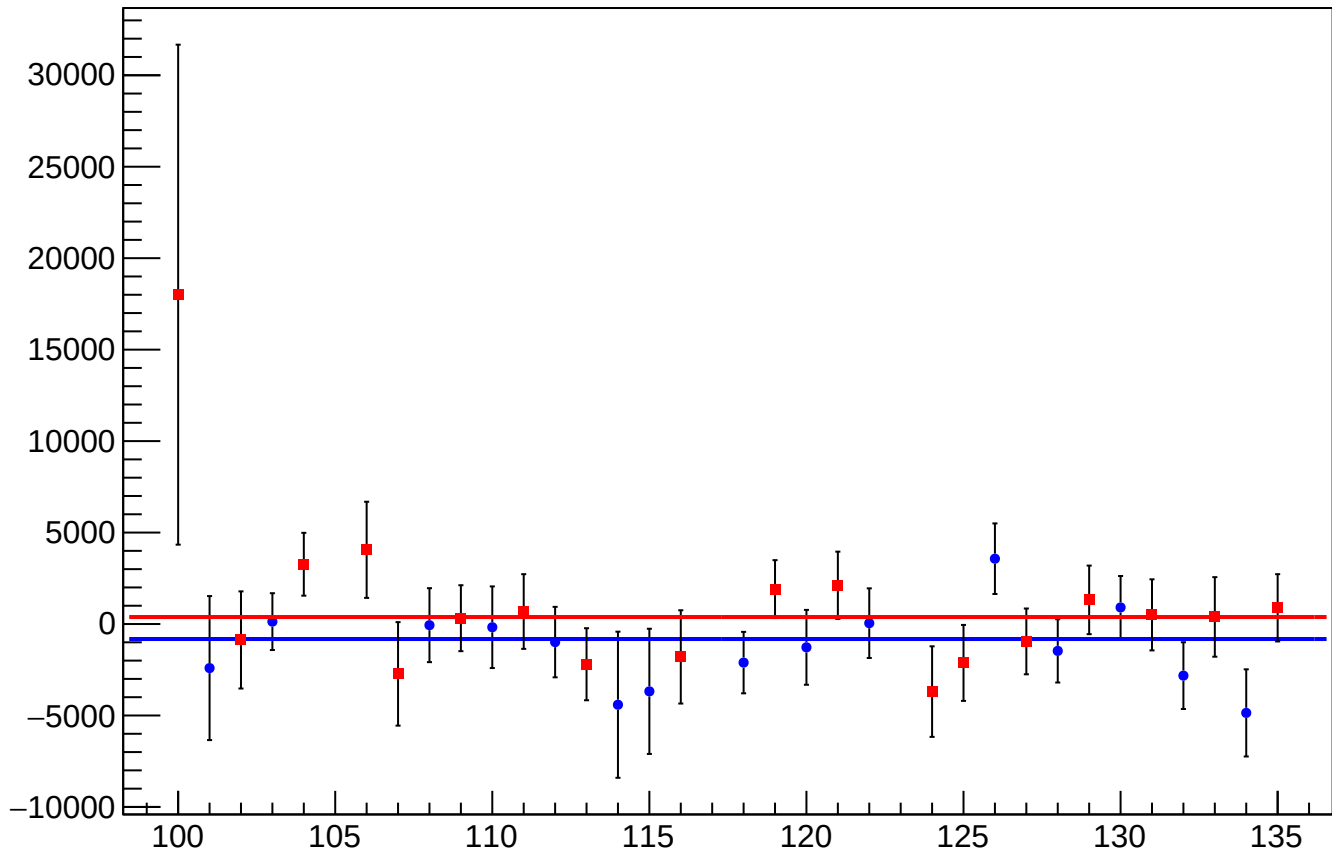
Right Out: 408.829+/-0.129 χ^2/NDF : 3736304.7/17

All: 464.115+/-0.104 χ^2/NDF : 6285883.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -819.264+/-524.805 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 382.551+/-489.702 χ^2/NDF : 17.2/17

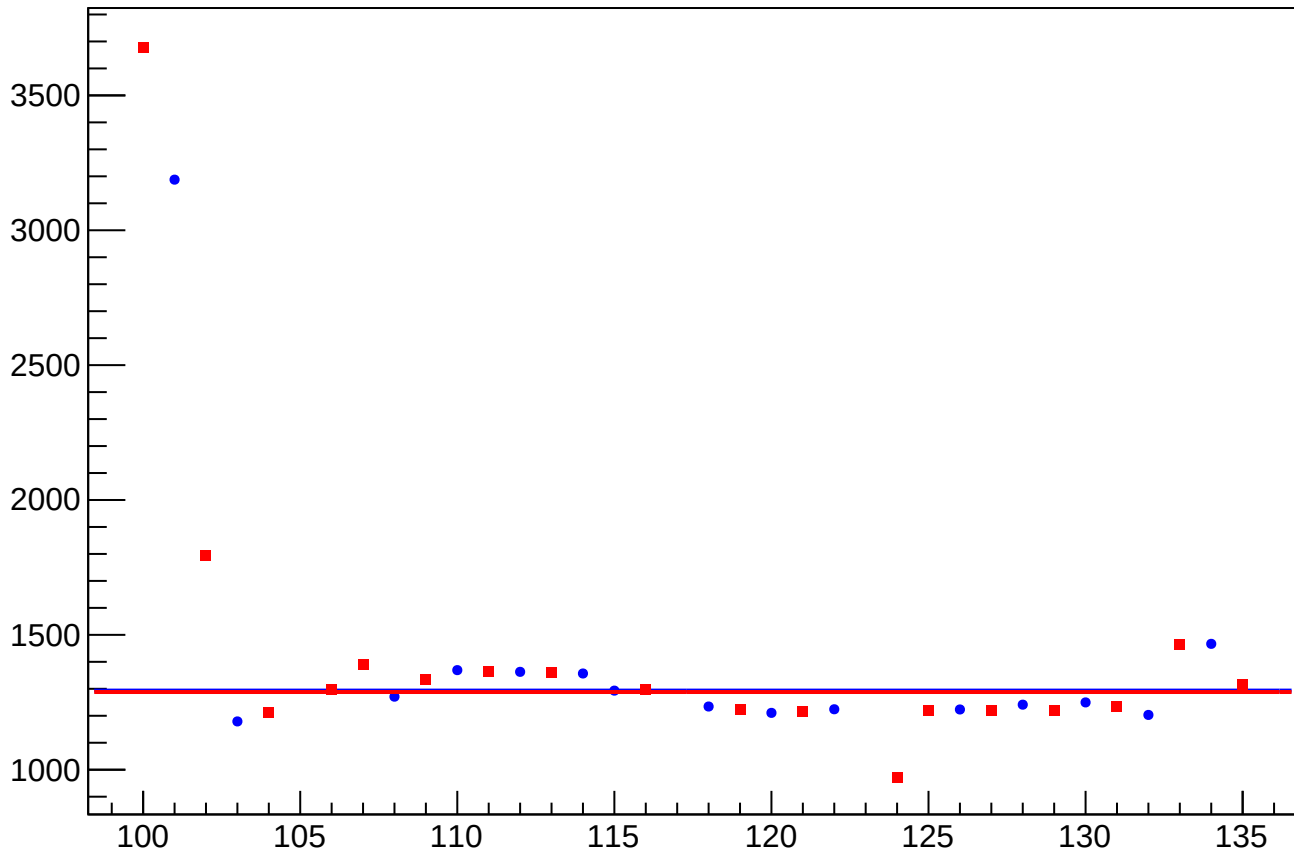
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -176.821+/-358.039 χ^2/NDF : 33.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

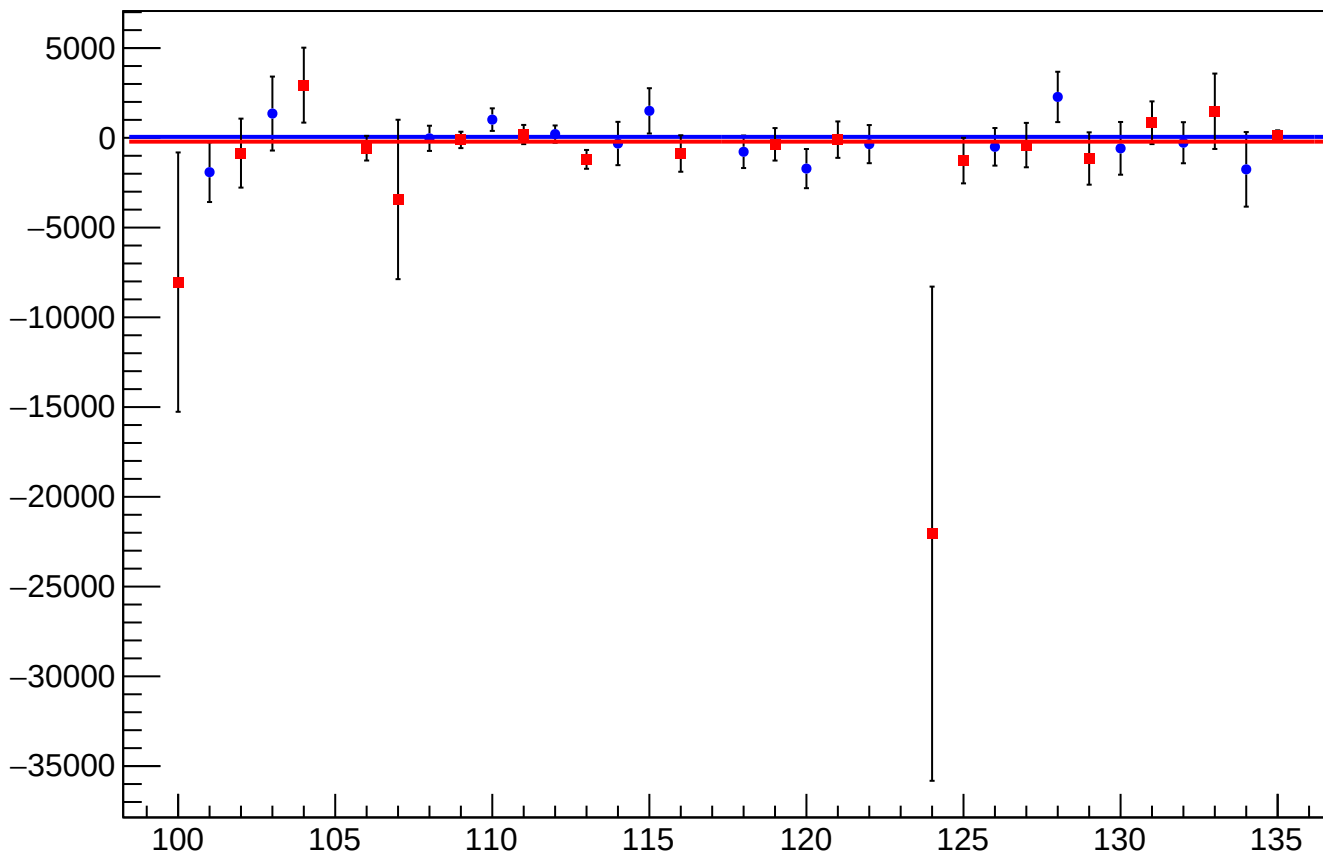
Right Out: 1288.104+/-0.346 χ^2/NDF : 209204.9/17

All: 1290.532+/-0.253 χ^2/NDF : 718624.7/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_mean vs Slug



Right In: 53.068 $\pm$ 245.148 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -212.763 $\pm$ 180.728 χ^2 /NDF: 15.1/17

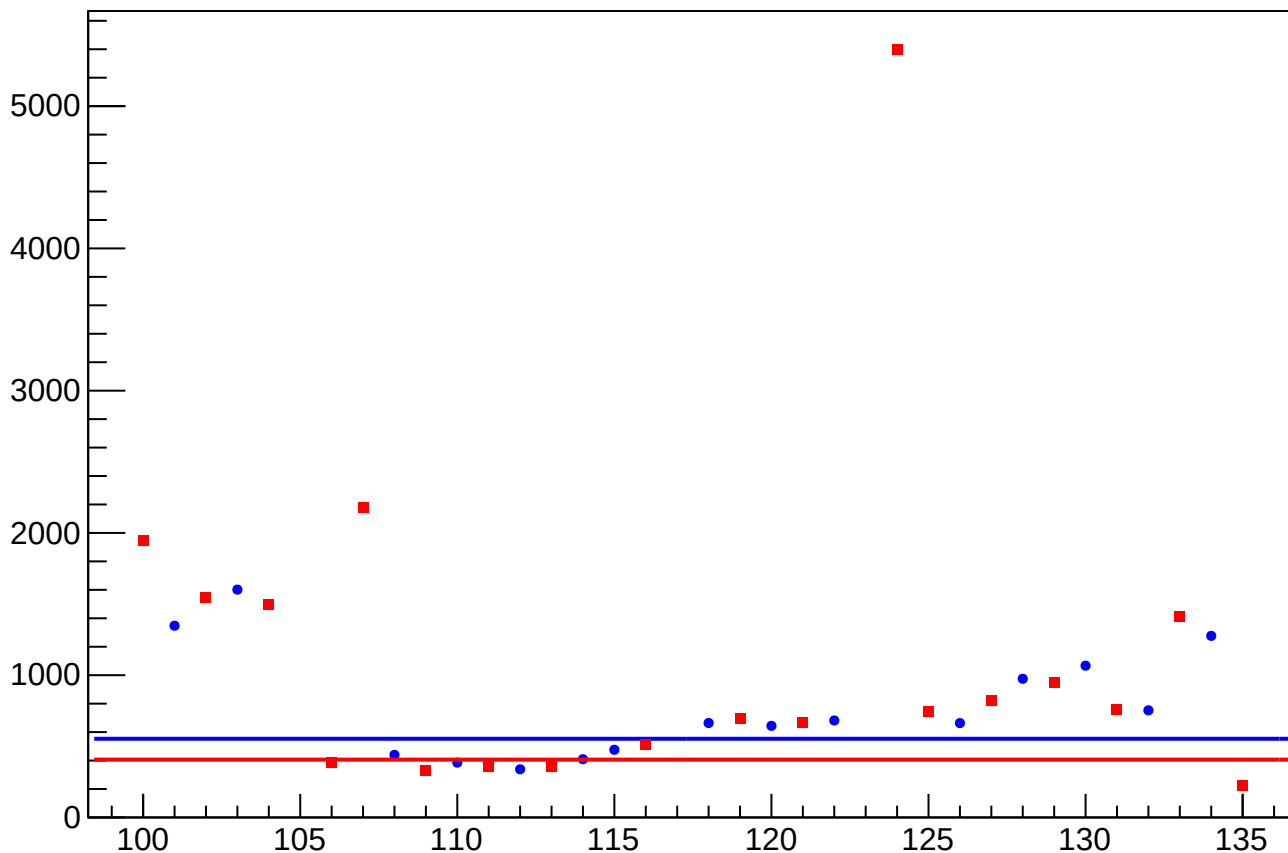
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -119.159 $\pm$ 145.470 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_correction_rms vs Slug



Right In: 553.060+/-0.173 χ^2/NDF : 2428331.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.612+/-0.128 χ^2/NDF : 4311380.6/17

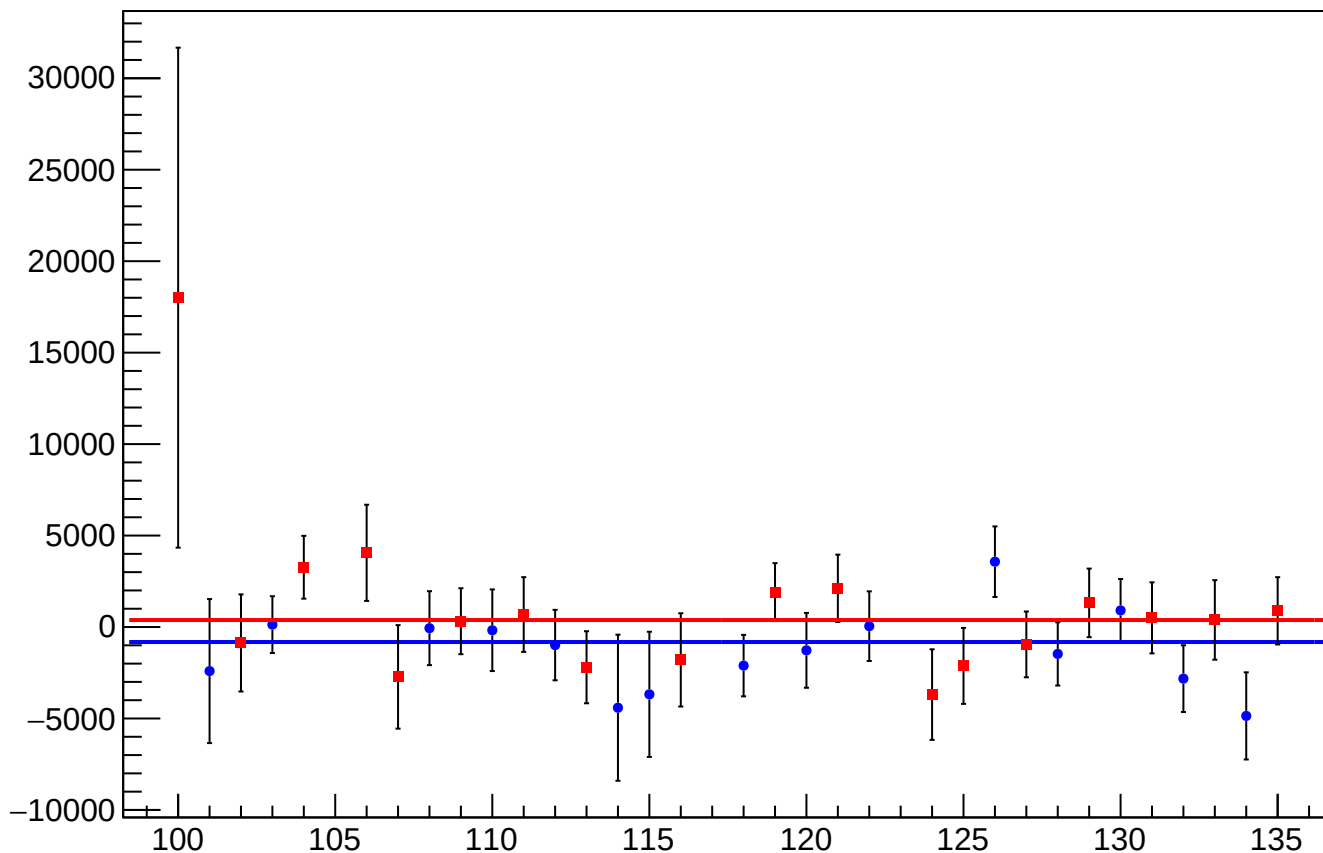
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.179+/-0.103 χ^2/NDF : 7202133.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -819.261+/-524.805 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 382.553+/-489.702 χ^2 /NDF: 17.2/17

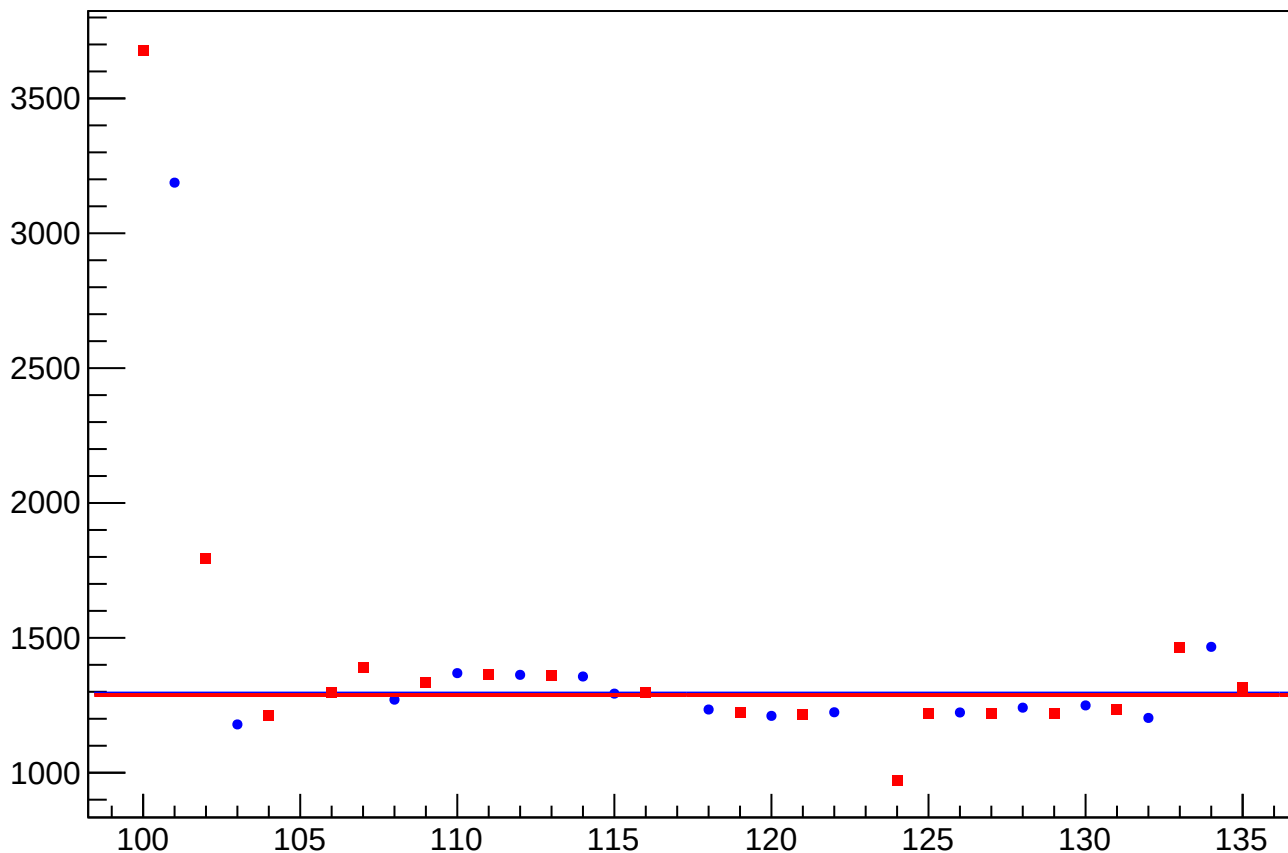
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -176.819+/-358.039 χ^2 /NDF: 33.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1293.320+/-0.371 χ^2/NDF : 509314.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

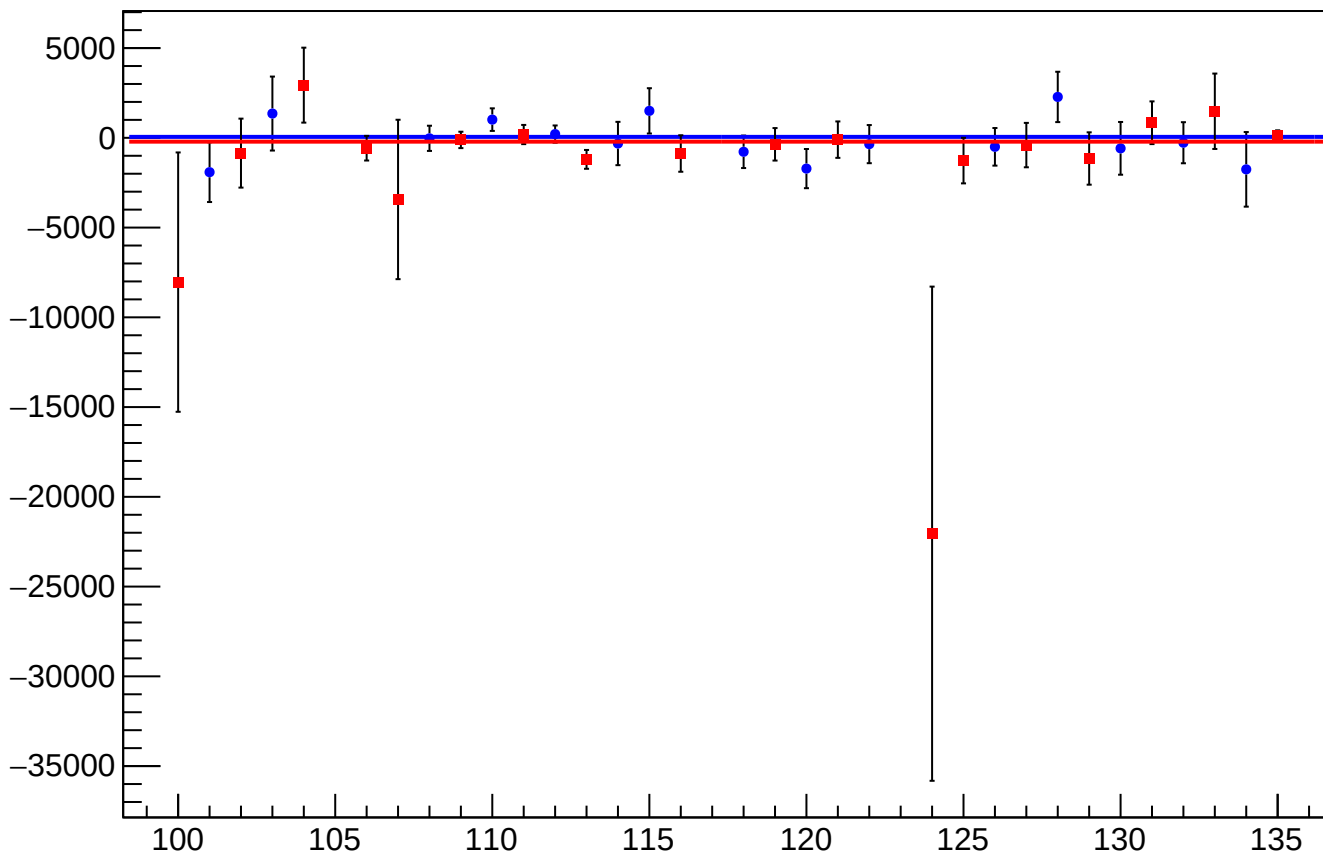
Right Out: 1288.104+/-0.346 χ^2/NDF : 209205.2/17

All: 1290.532+/-0.253 χ^2/NDF : 718625.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 53.068 $\pm$ 245.146 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -212.765 $\pm$ 180.730 χ^2 /NDF: 15.1/17

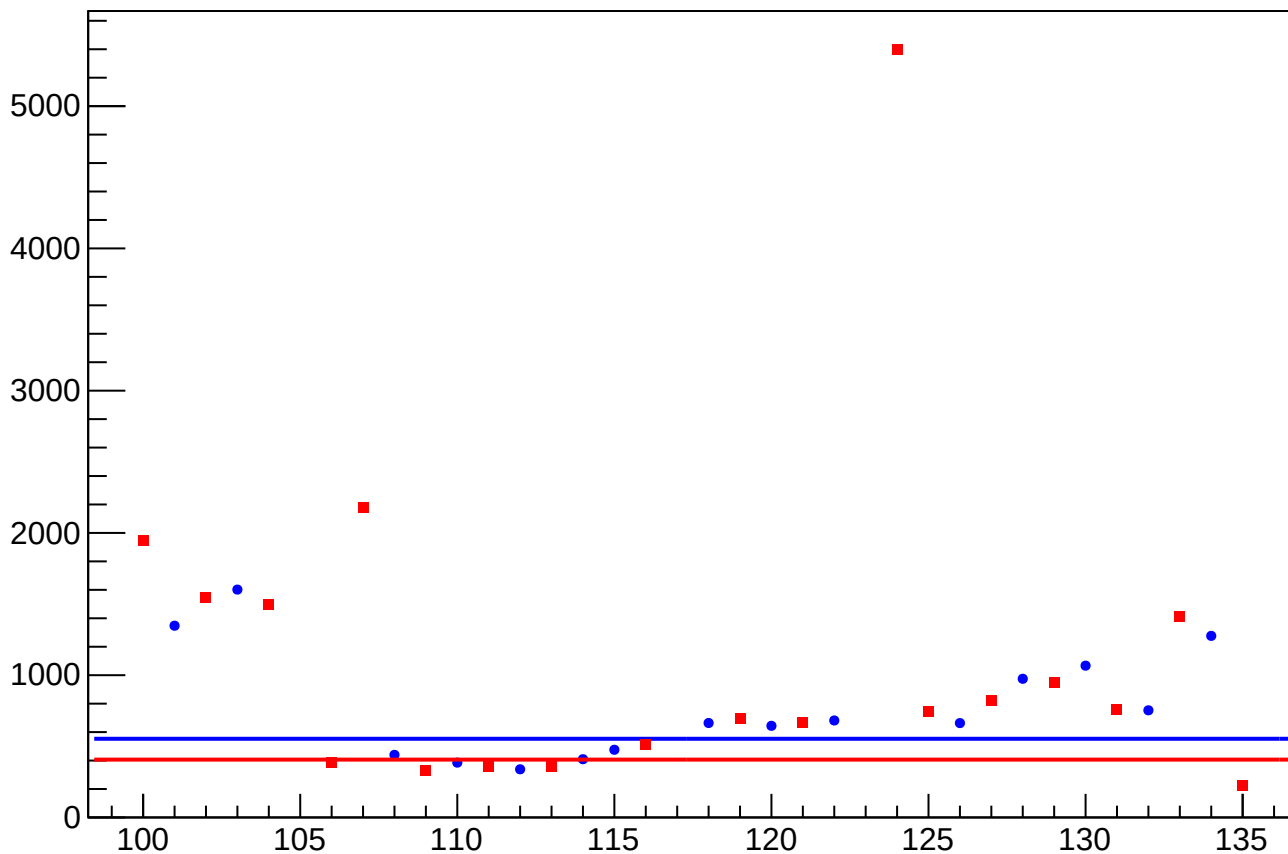
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -119.158 $\pm$ 145.470 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 553.057+/-0.173 χ^2/NDF : 2428338.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.618+/-0.128 χ^2/NDF : 4311261.4/17

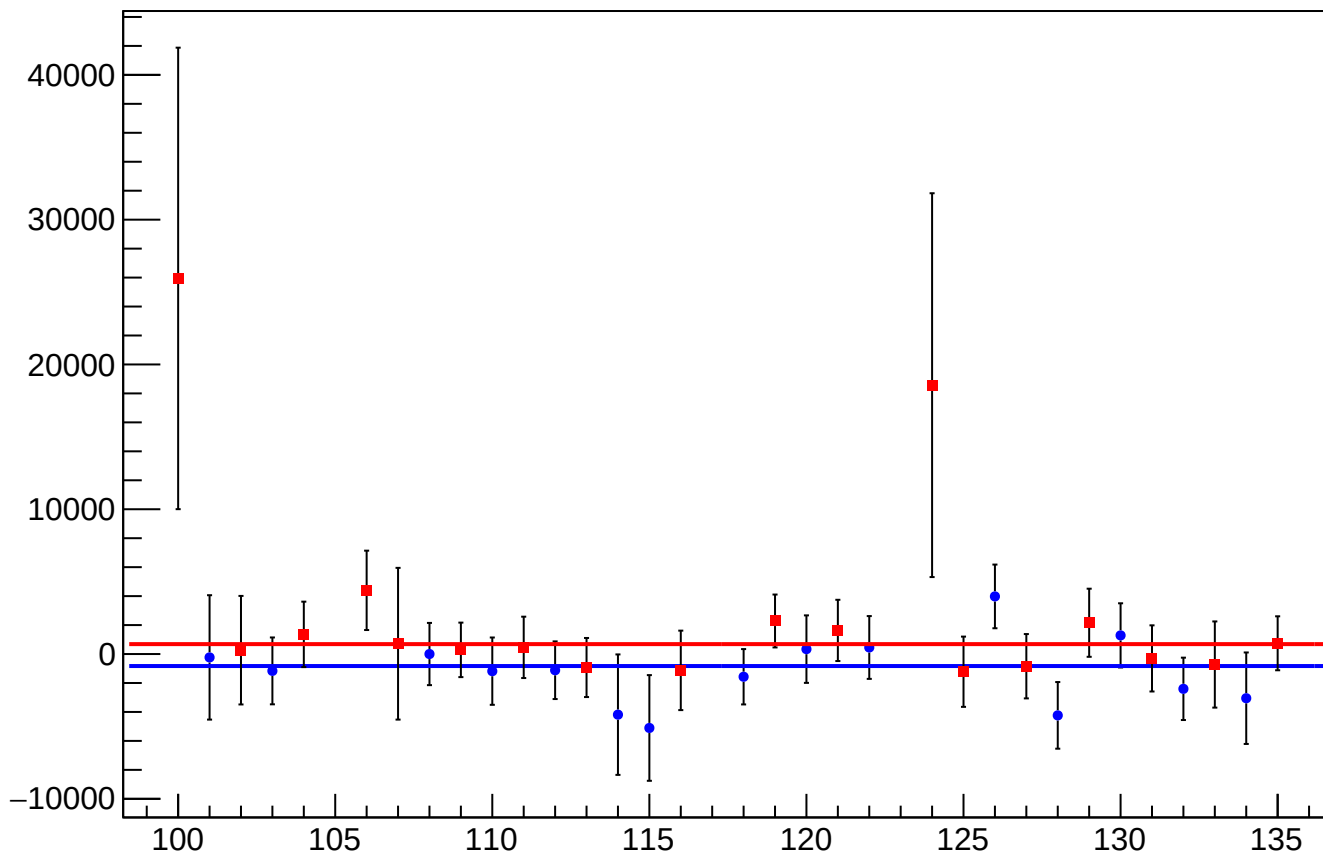
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 458.183+/-0.103 χ^2/NDF : 7201958.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_mean vs Slug



Right In: -829.058+/-618.557 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 684.670+/-578.002 χ^2/NDF : 10.3/17

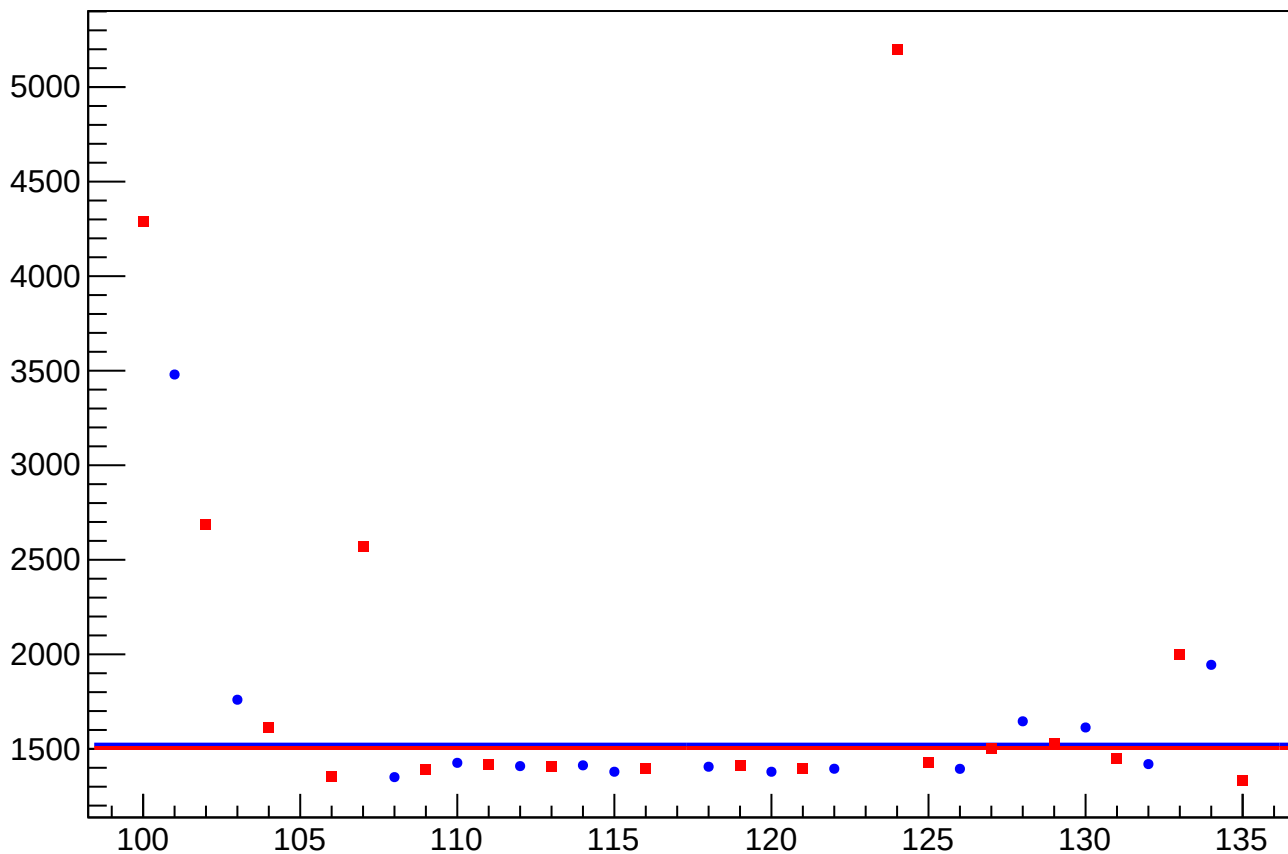
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.947+/-422.319 χ^2/NDF : 25.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_rms vs Slug



Right In: 1522.389+/-0.437 χ^2/NDF : 541714.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

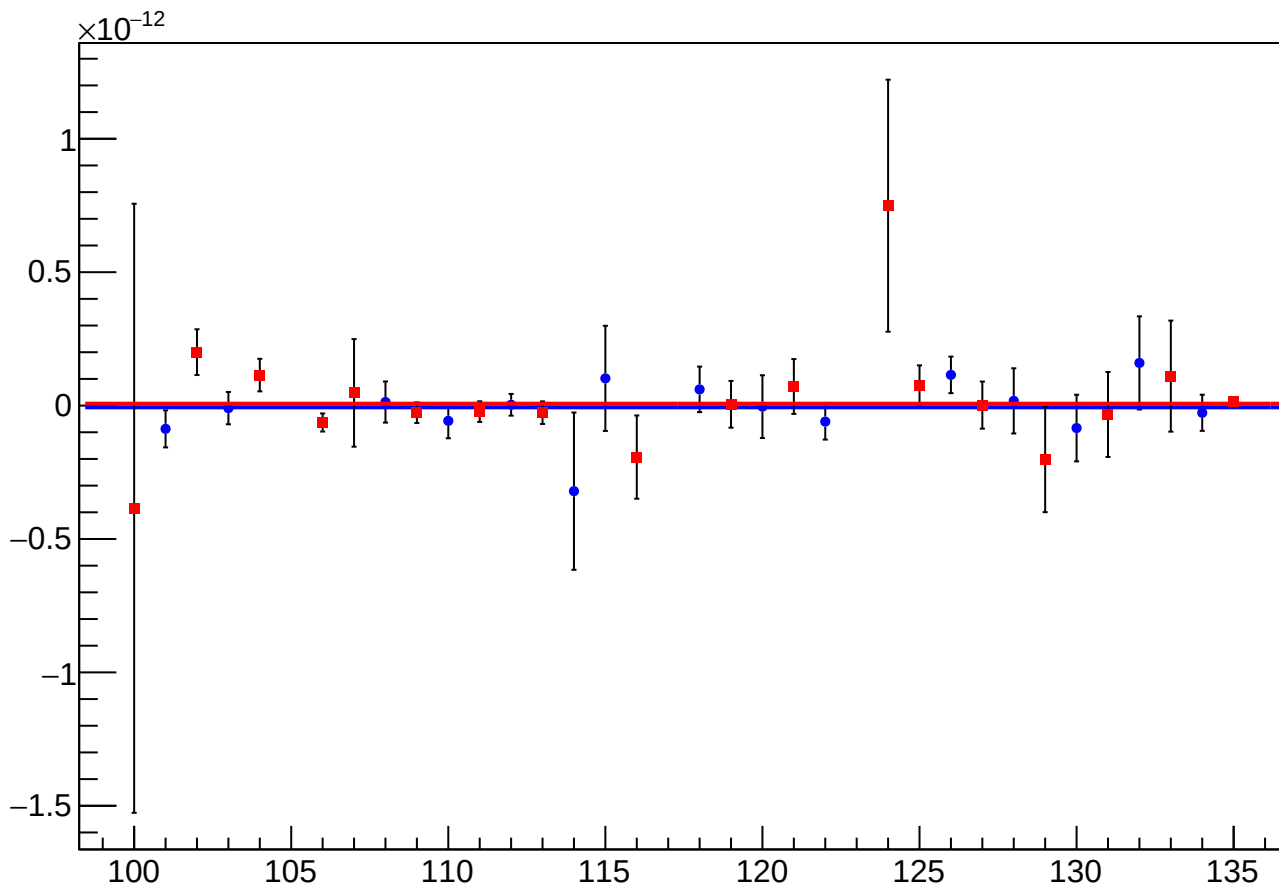
Right Out: 1504.717+/-0.409 χ^2/NDF : 613699.6/17

All: 1512.955+/-0.299 χ^2/NDF : 1156285.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.0/17

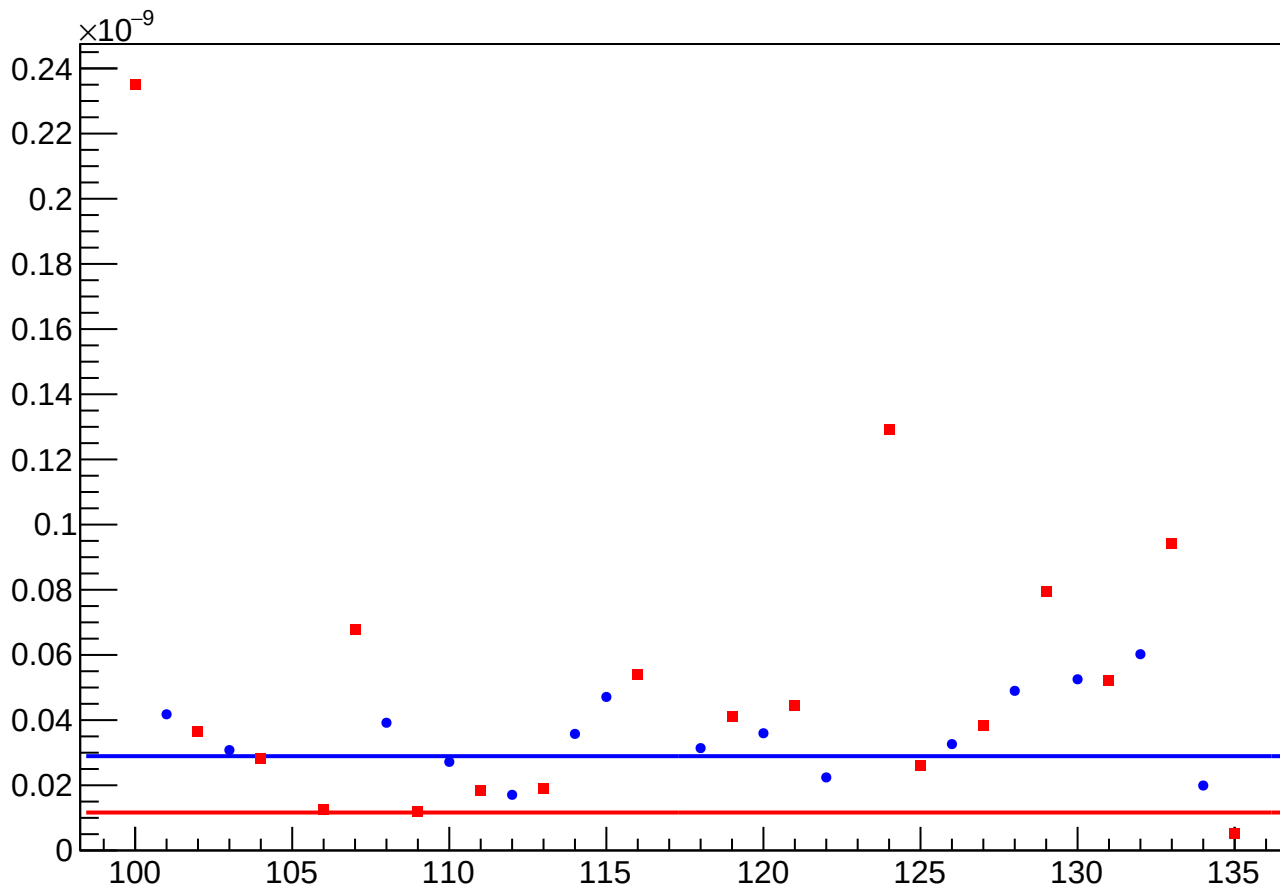
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 553468.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2816185.6/17

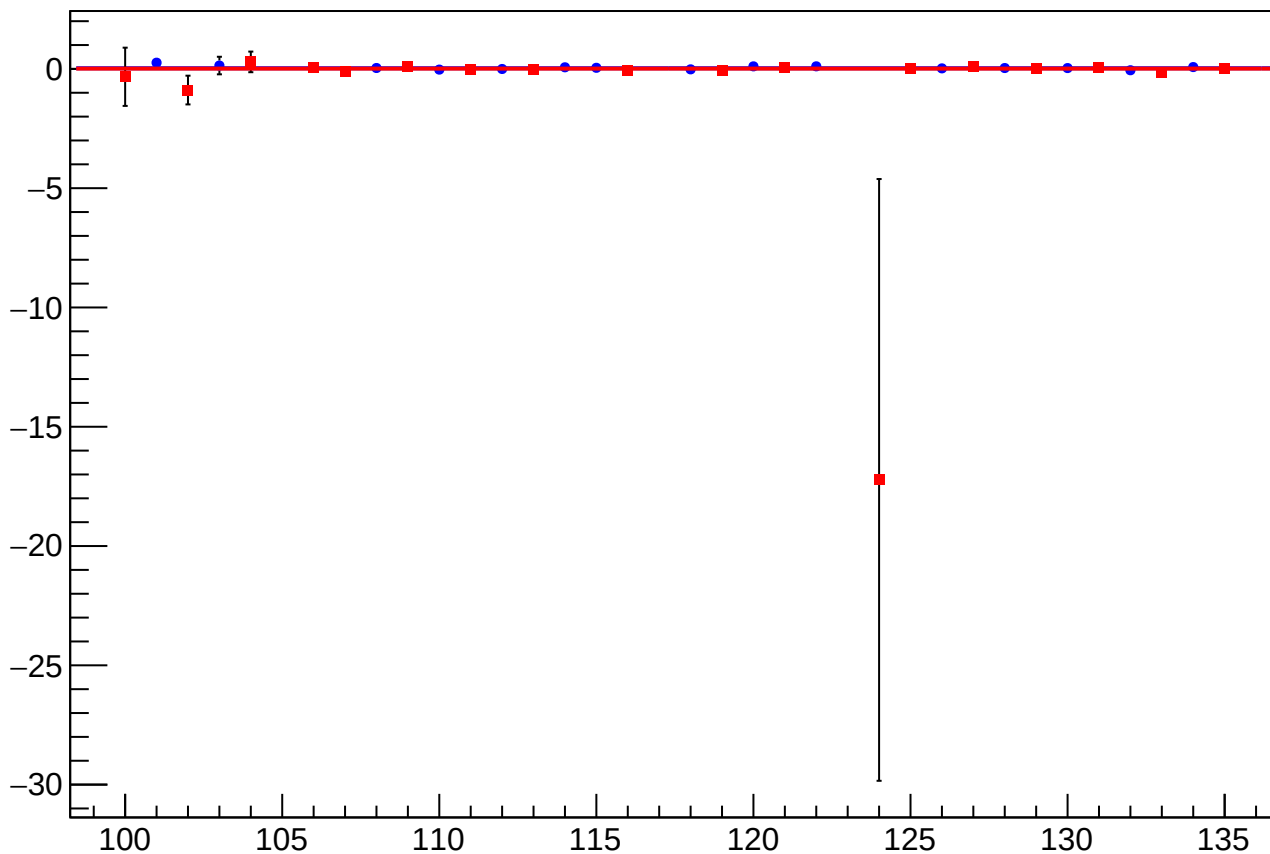
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4585048.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

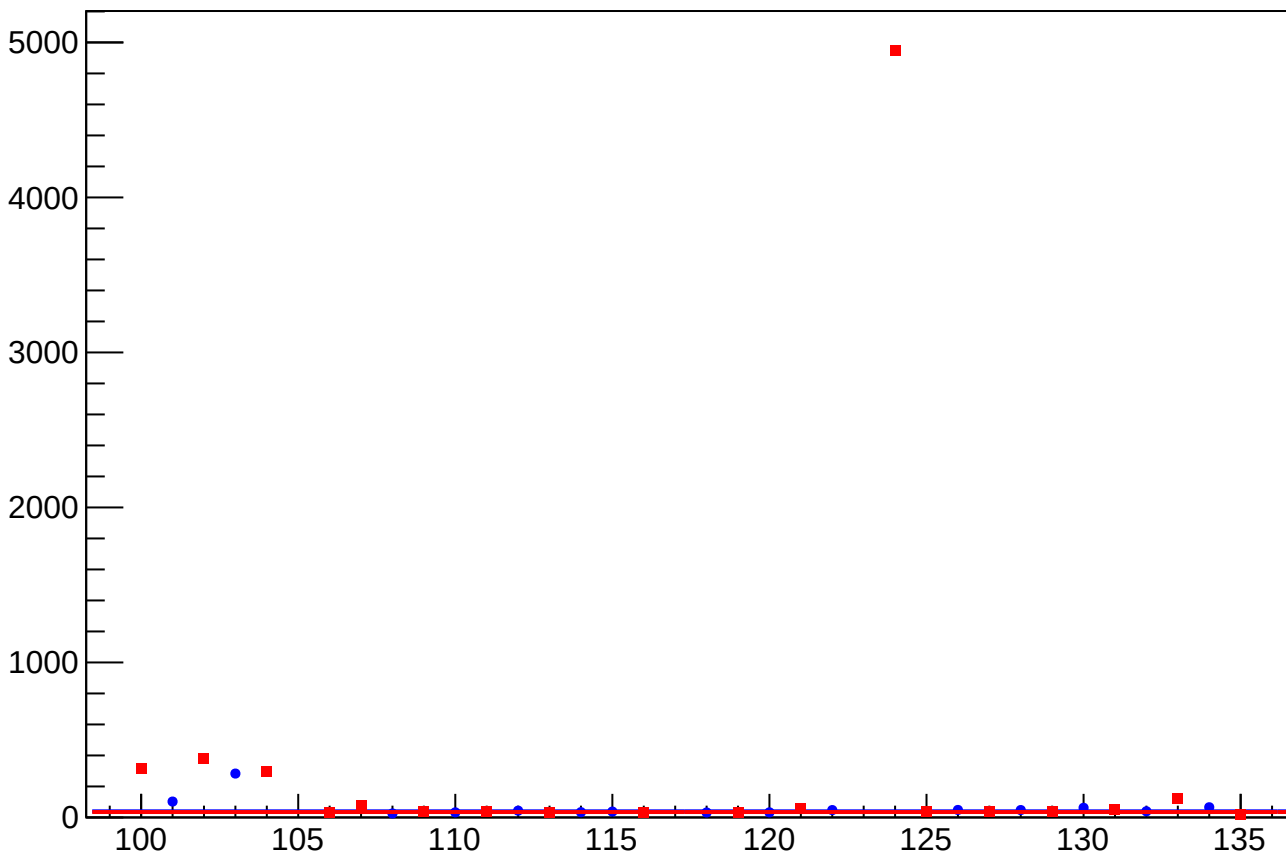
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 39.527 $\pm$ 0.013 χ^2/NDF : 1937587.9/14

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

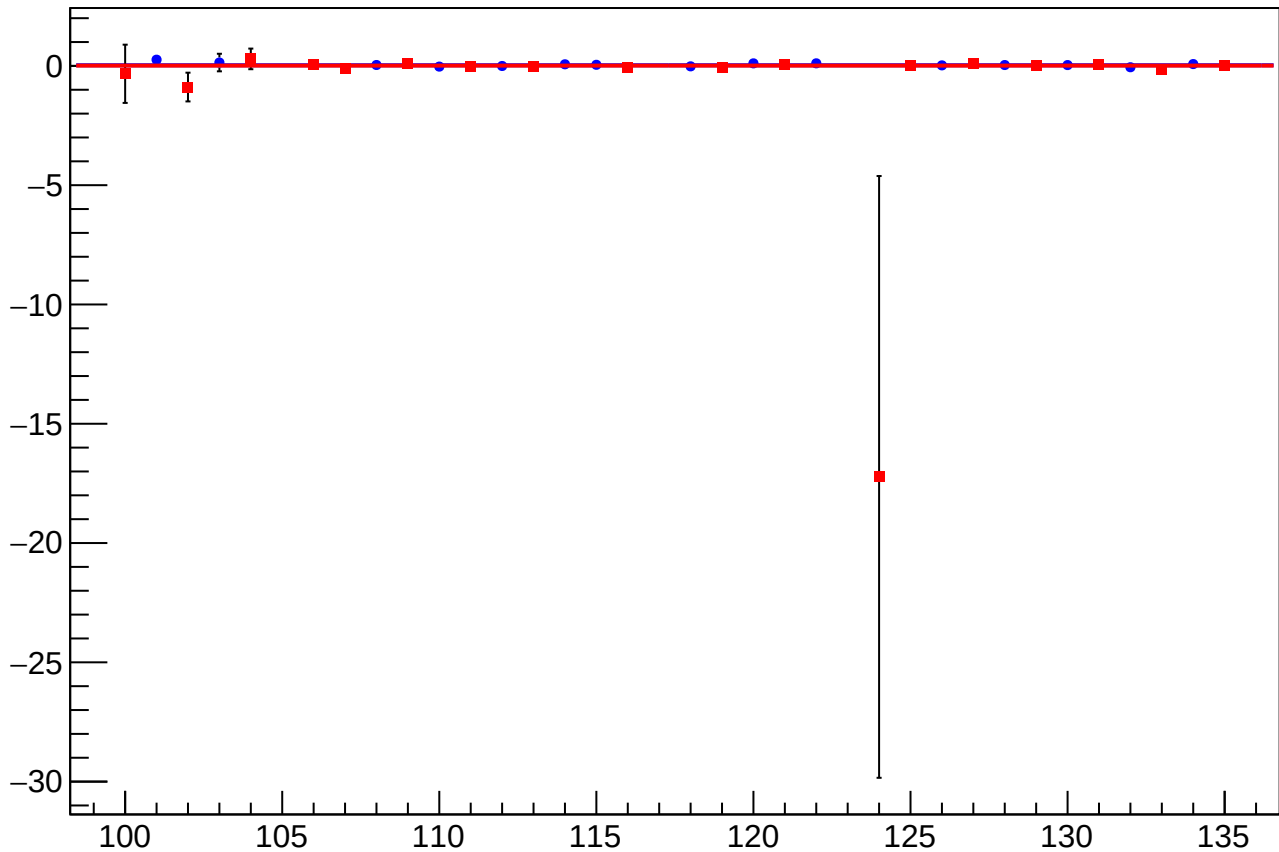
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 37.006 $\pm$ 0.008 χ^2/NDF : 4912718.8/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

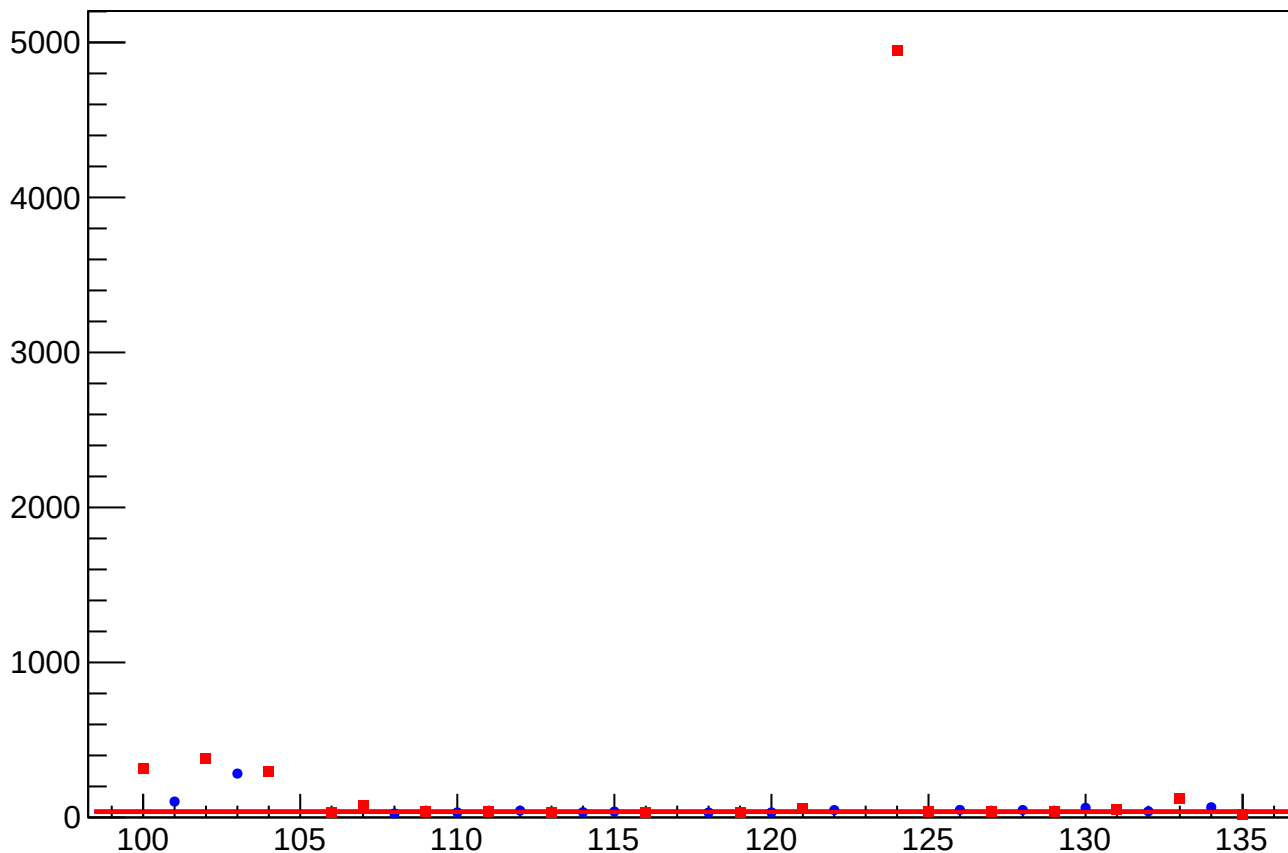
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.527+/-0.013 χ^2/NDF : 1937587.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.026+/-0.011 χ^2/NDF : 2905561.0/17

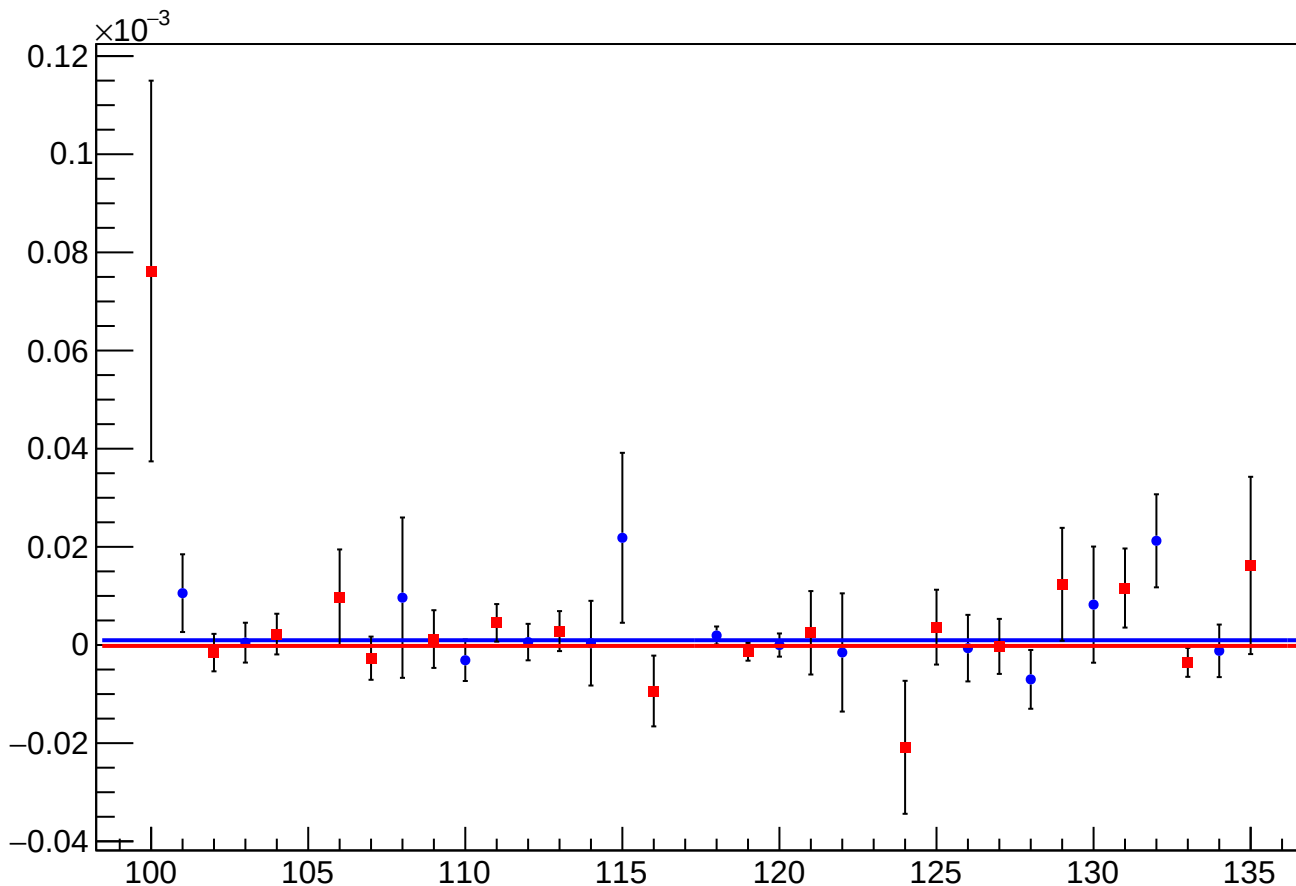
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.006+/-0.008 χ^2/NDF : 4912718.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.0/17

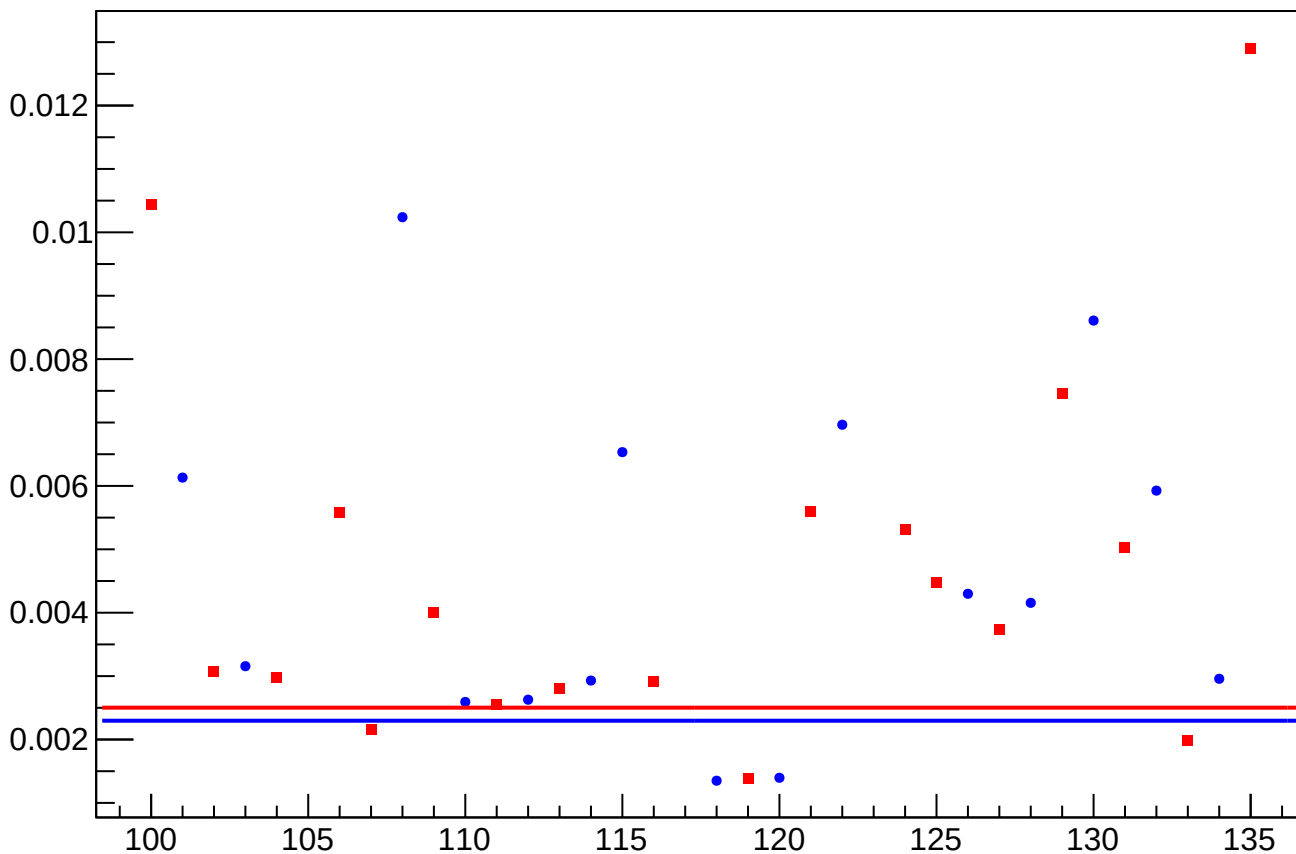
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 30.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3569831.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3146277.3/17

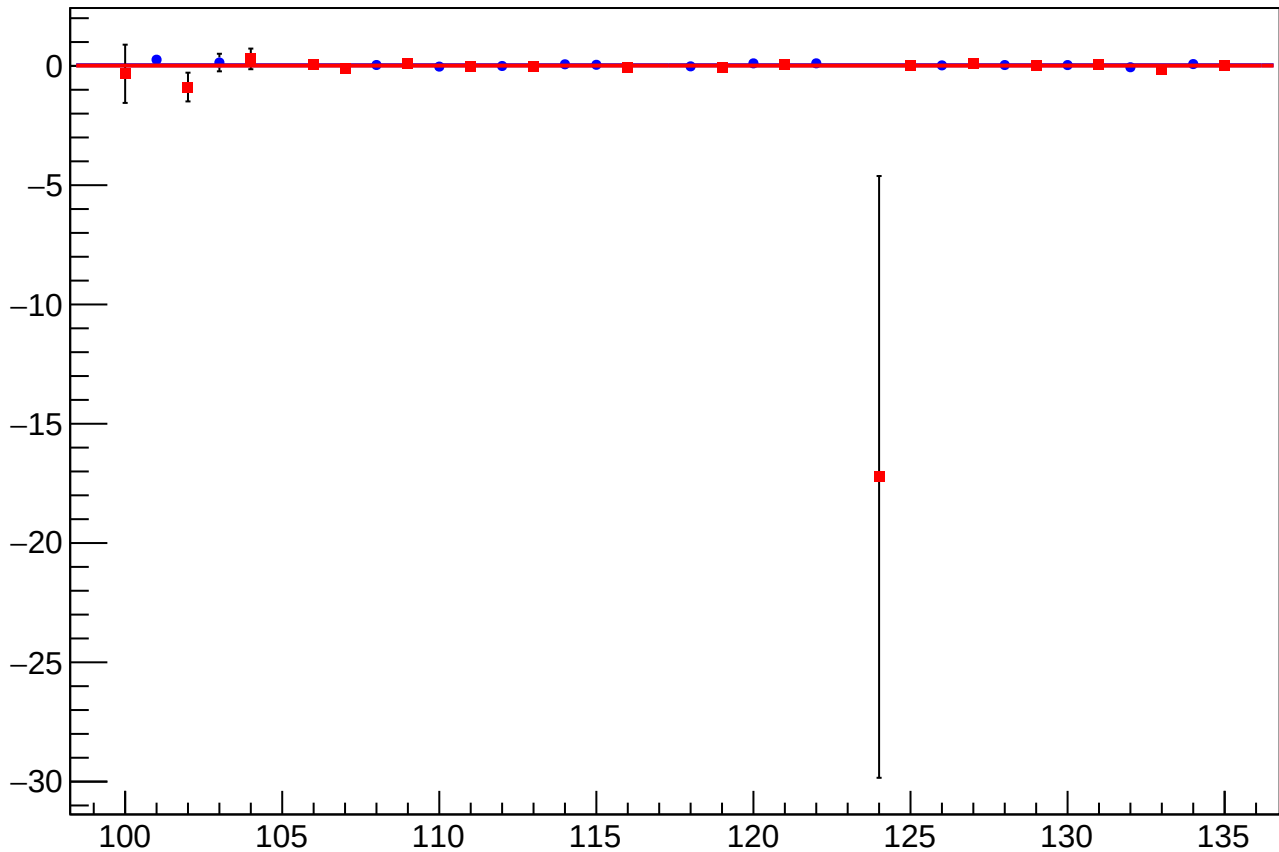
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6751960.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

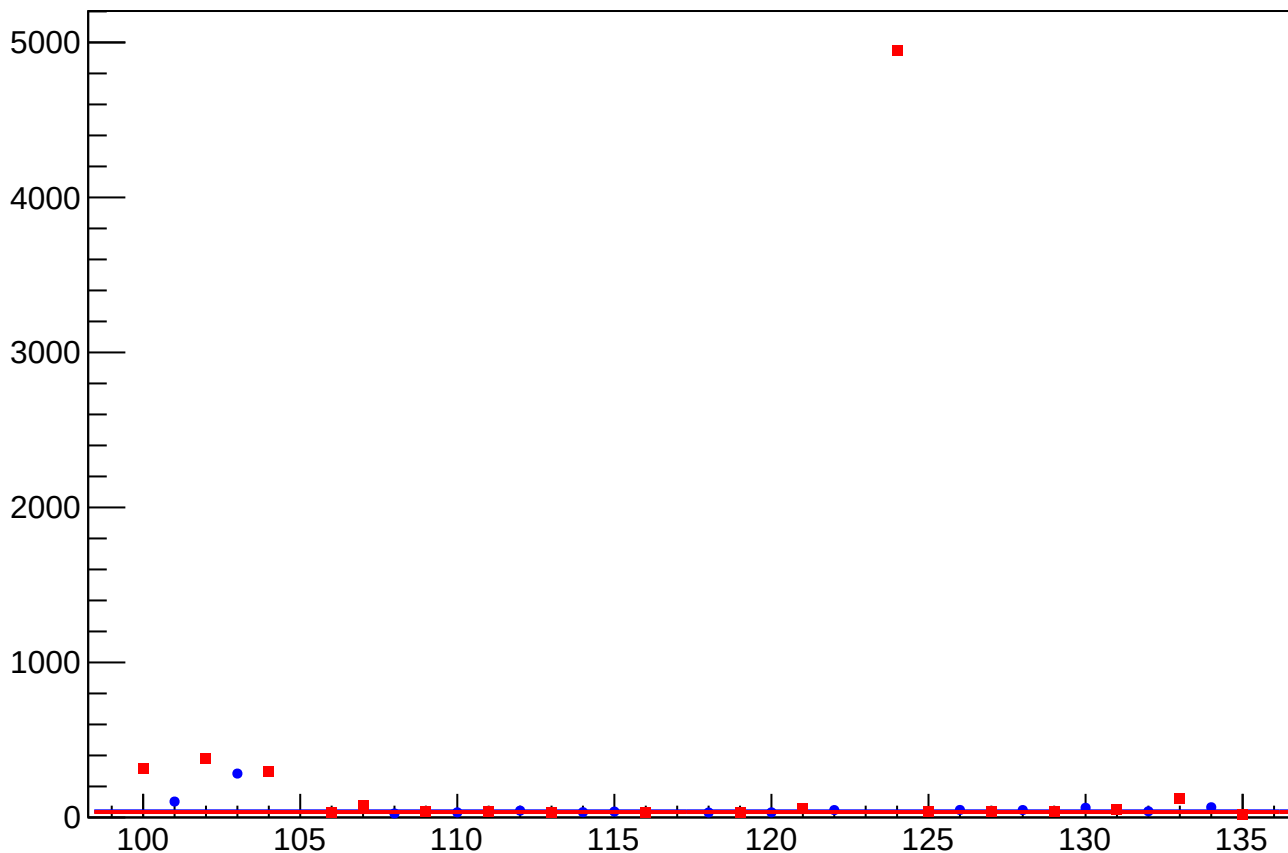
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.528+/-0.013 χ^2/NDF : 1937436.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

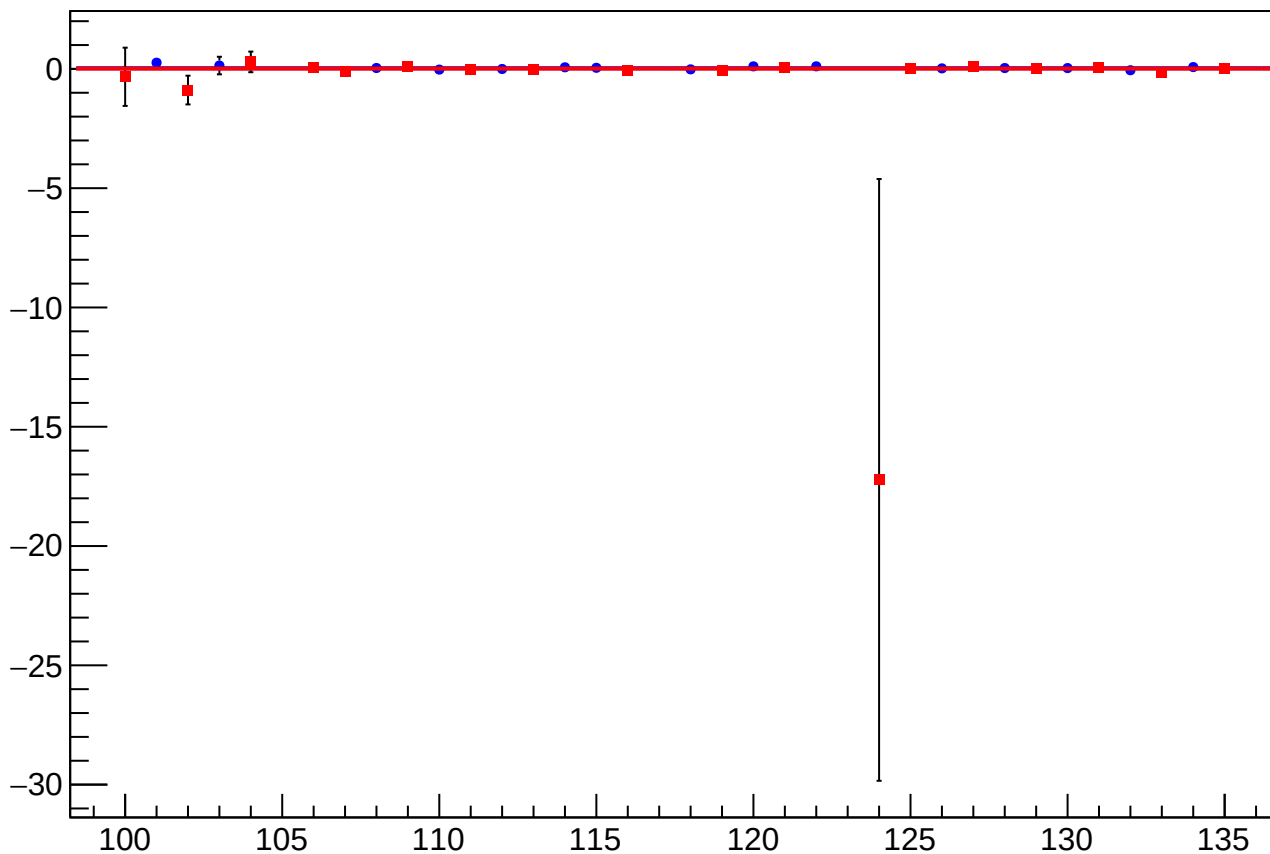
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.007+/-0.008 χ^2/NDF : 4912388.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.027 $\pm$ 0.018 χ^2 /NDF: 10.2/14

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

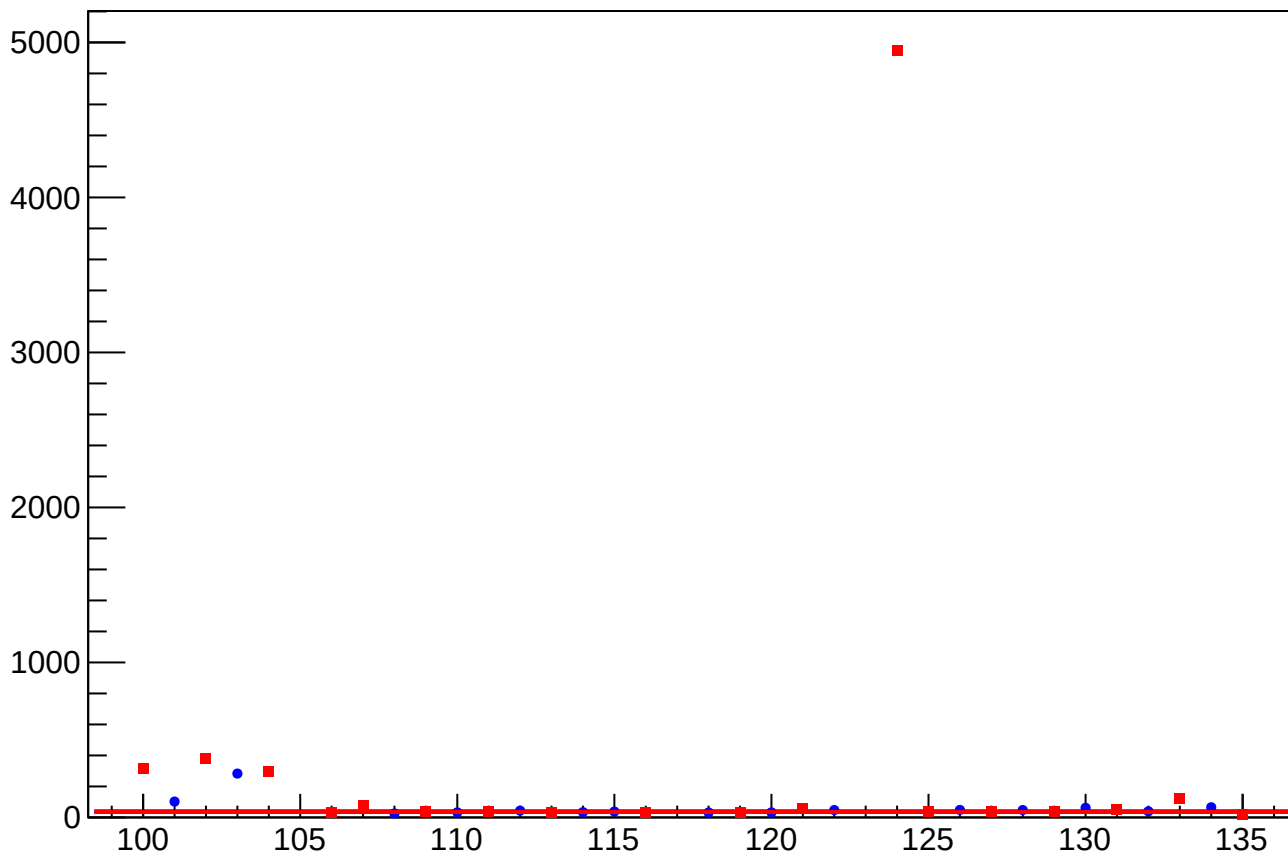
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.012 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.528+/-0.013 χ^2/NDF : 1937436.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.027+/-0.011 χ^2/NDF : 2905390.5/17

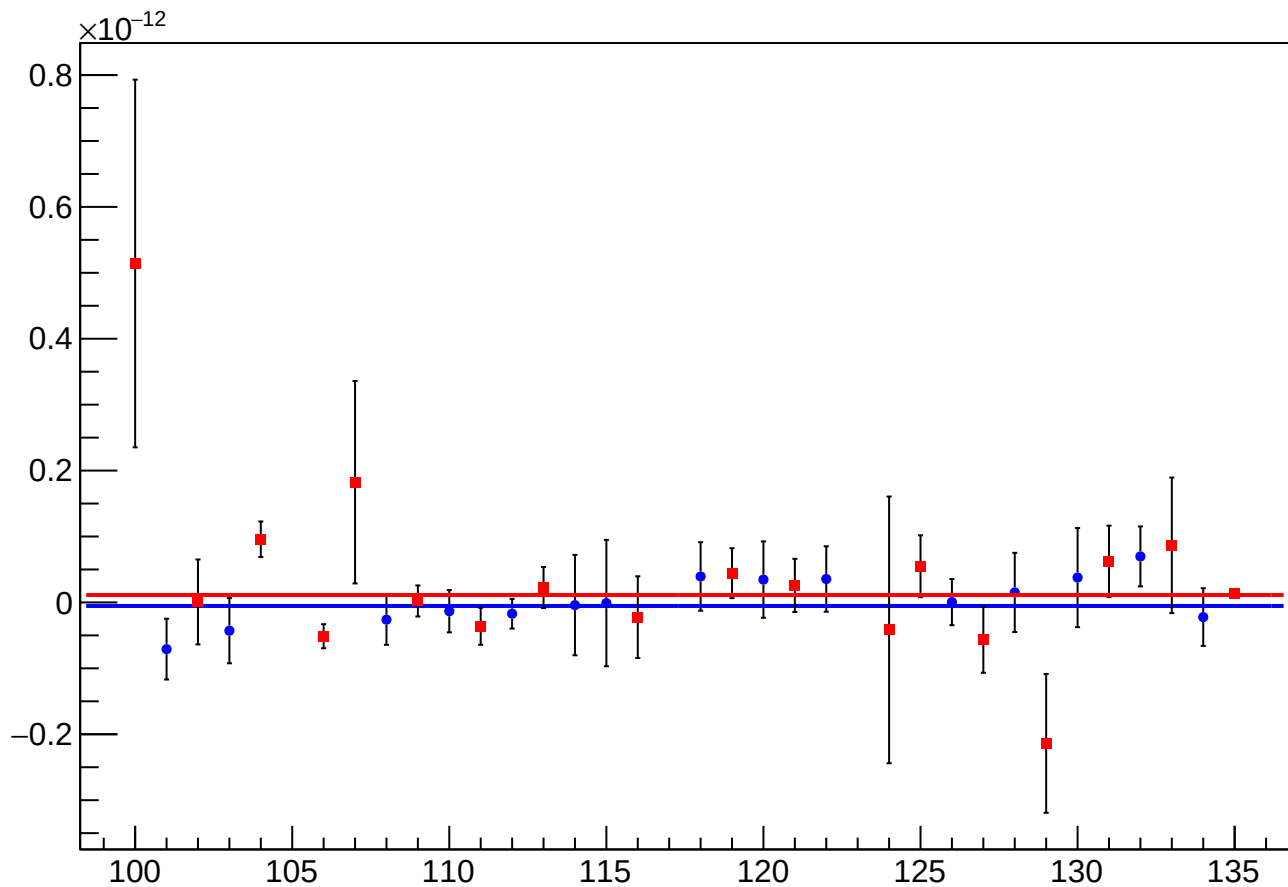
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.007+/-0.008 χ^2/NDF : 4912388.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.6/17

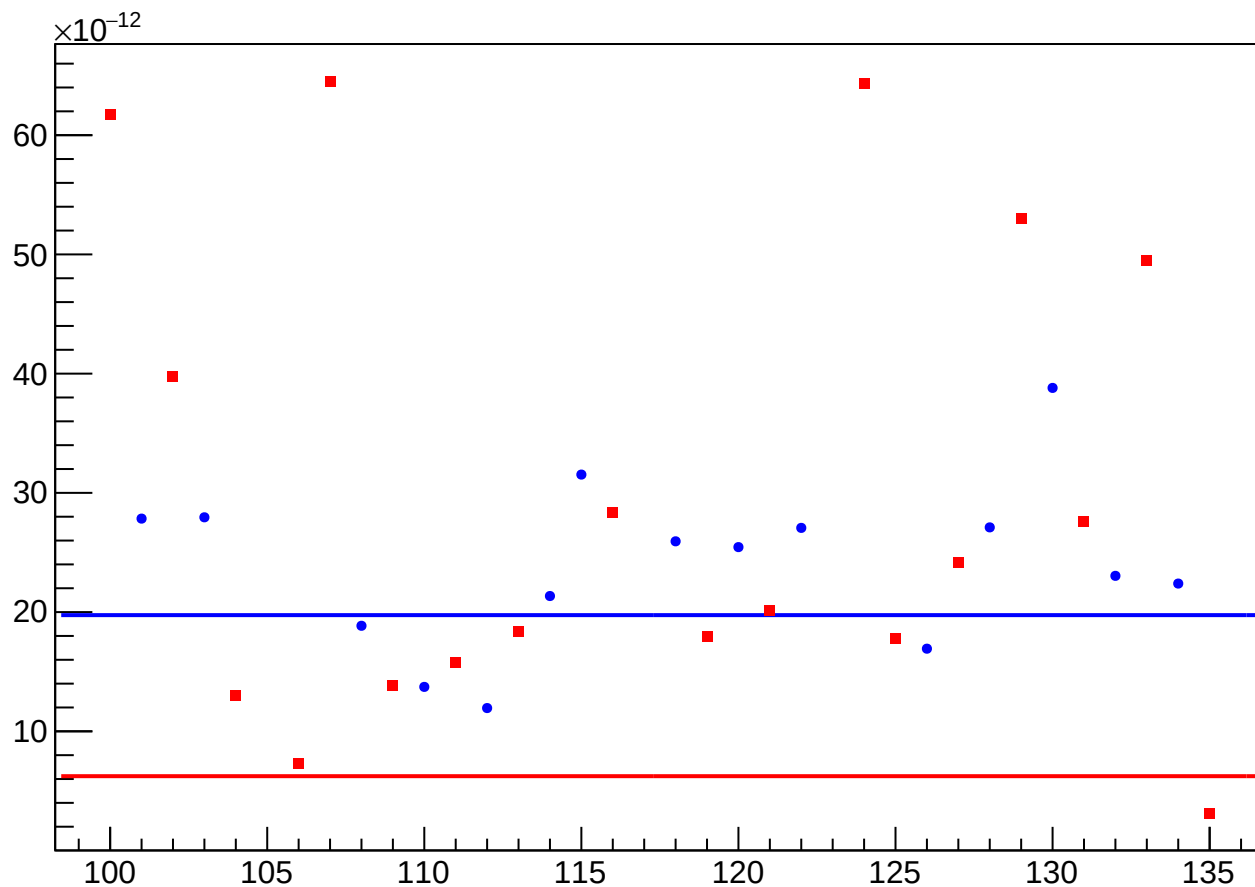
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 50.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_atl1r2_dd_atl2r1_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 737984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4789950.1/17

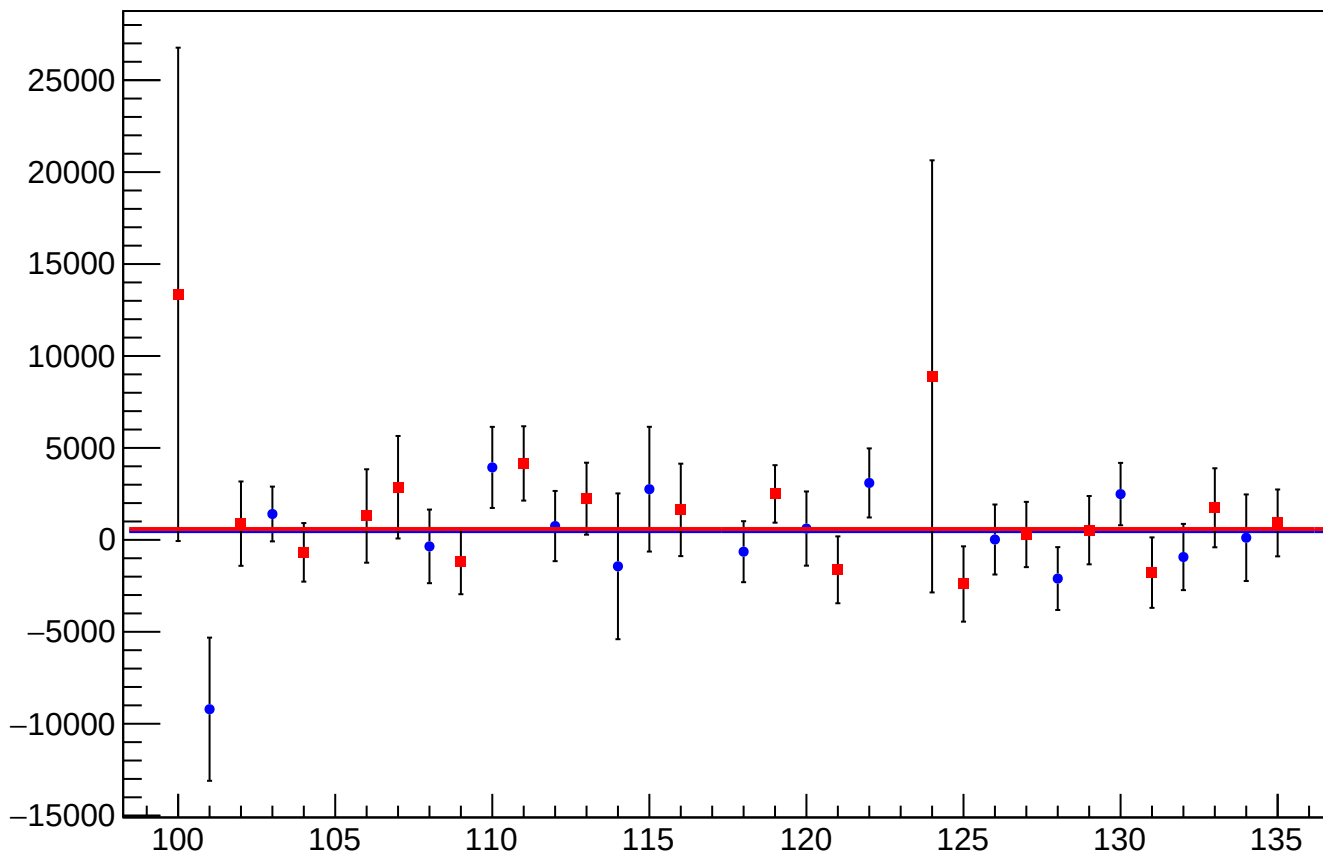
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 8064932.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 475.289+/-516.831 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 589.760+/-487.668 χ^2/NDF : 14.7/17

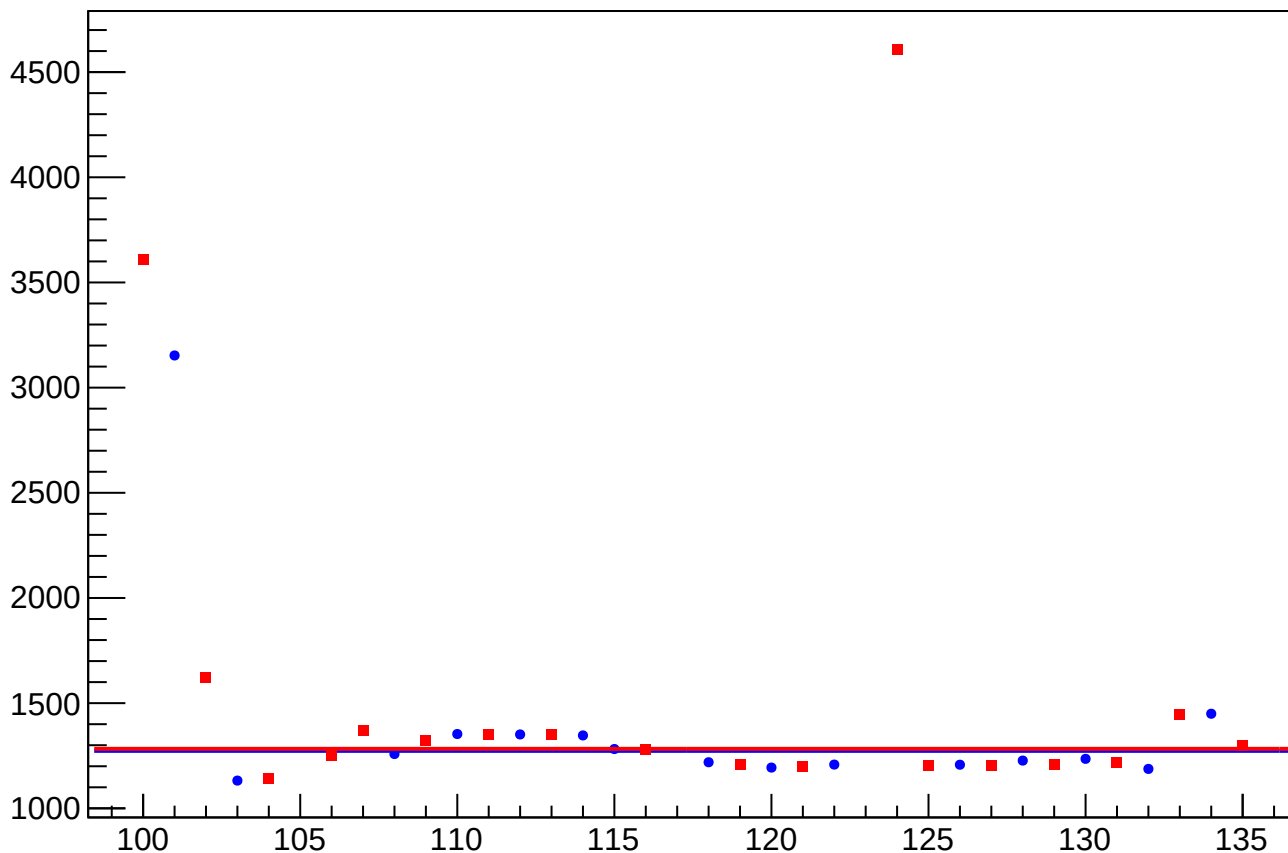
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 535.845+/-354.695 χ^2/NDF : 31.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1273.303+/-0.365 χ^2/NDF : 519283.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.812+/-0.345 χ^2/NDF : 322021.0/17

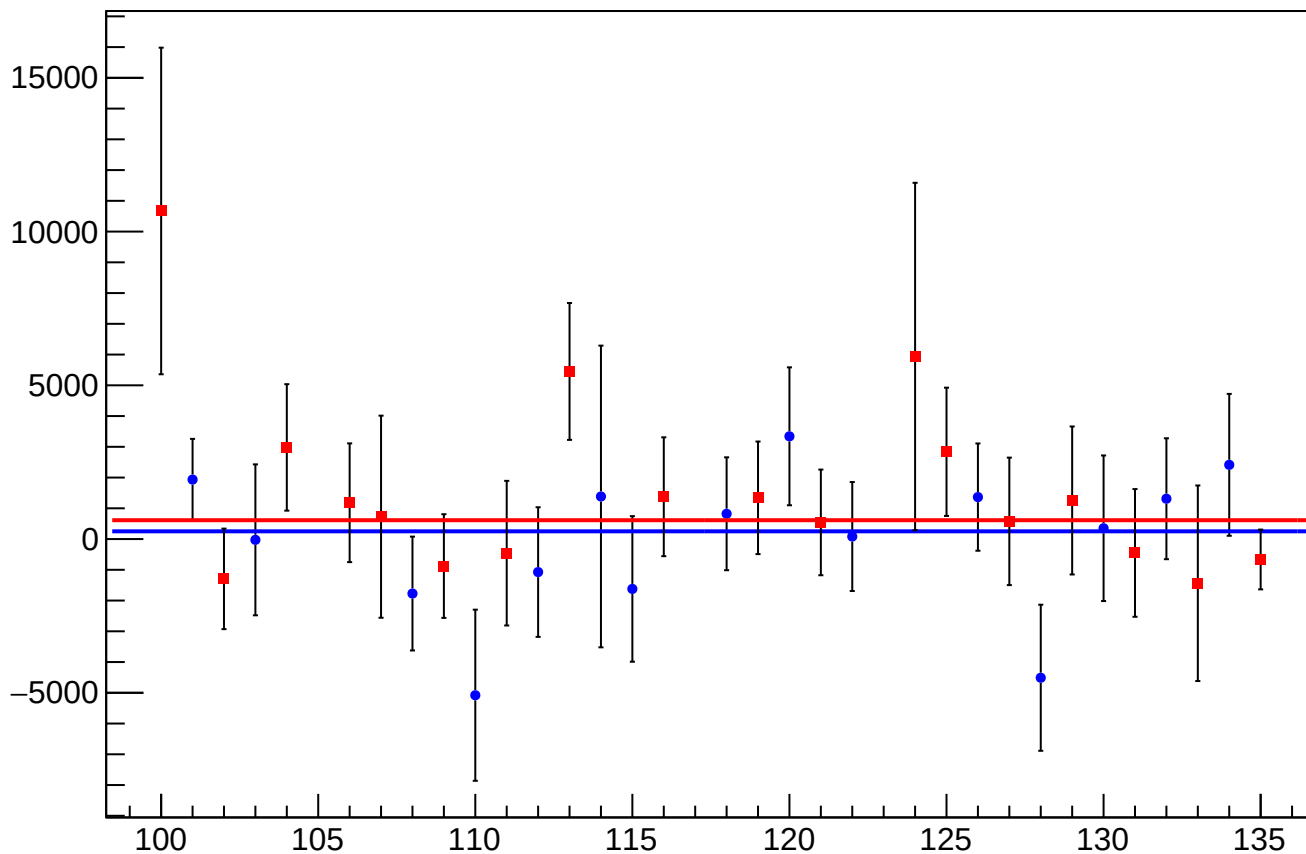
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1278.333+/-0.251 χ^2/NDF : 841662.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_mean vs Slug



Right In: 251.492 $\pm$ 530.946 χ^2 /NDF: 15.2/14

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

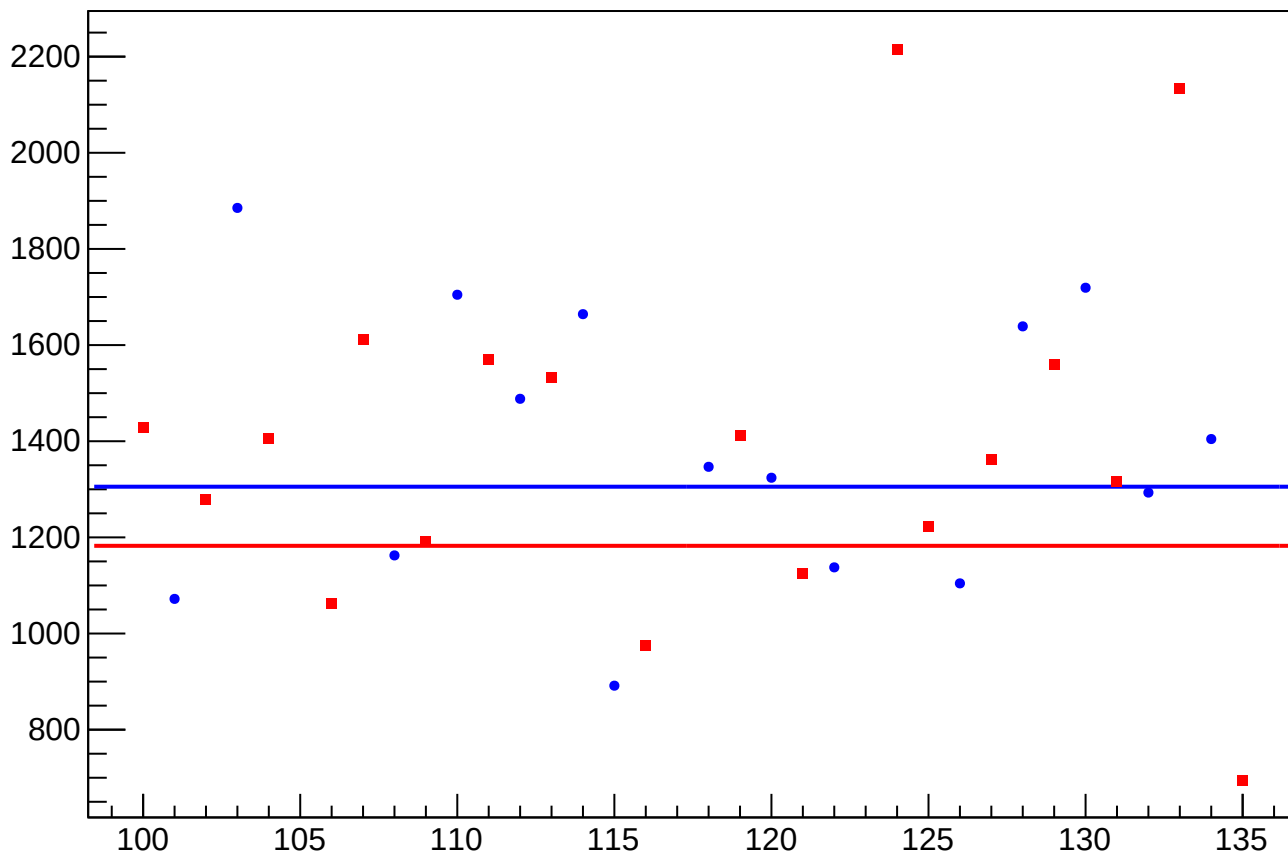
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 457.425 $\pm$ 348.187 χ^2 /NDF: 32.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_reg_correction_rms vs Slug



Right In: 1305.419 $\pm$ 0.375 χ^2 /NDF: 463771.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

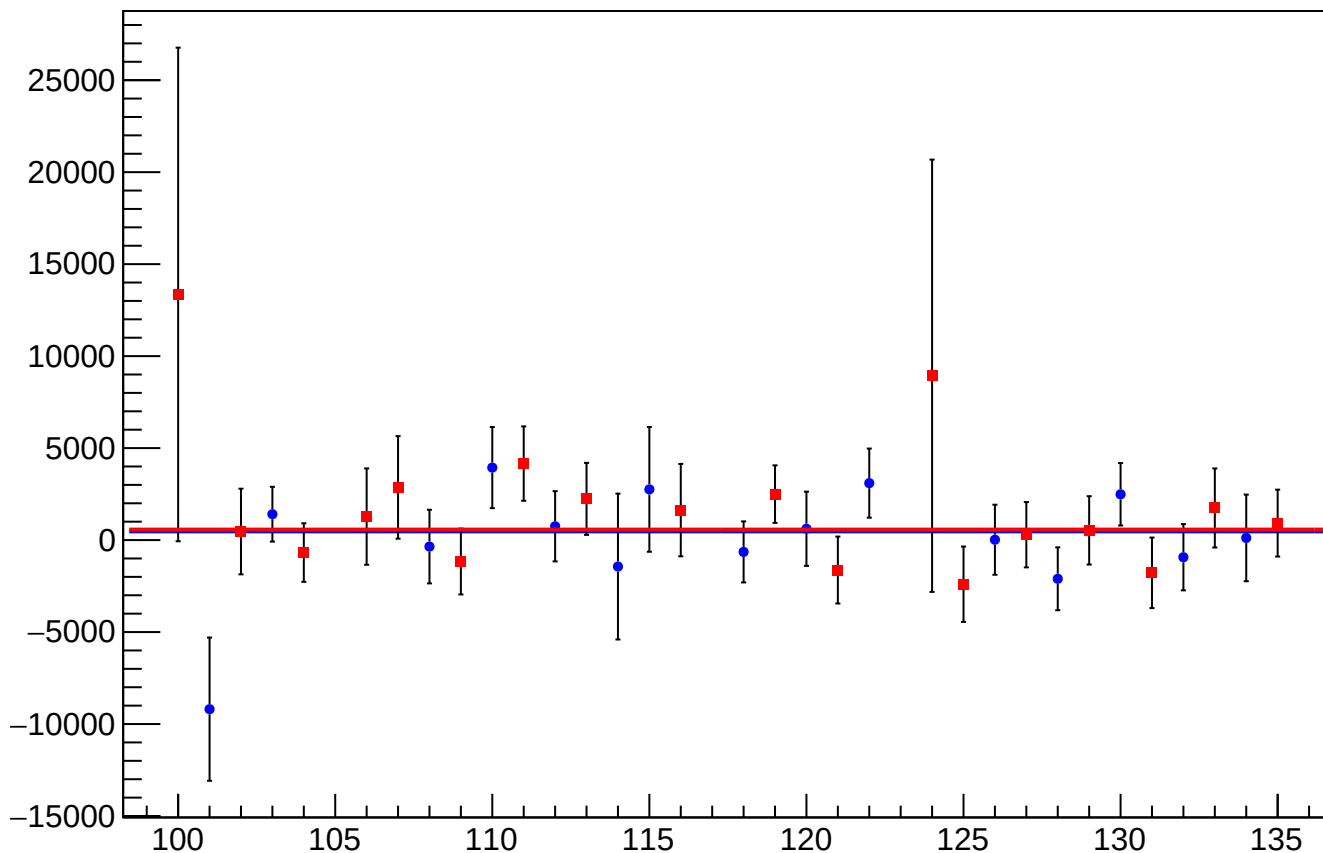
Right Out: 1182.443 $\pm$ 0.326 χ^2 /NDF: 1060156.7/17

All: 1235.330 $\pm$ 0.246 χ^2 /NDF: 1585079.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 568.970+/-488.523 χ^2/NDF : 14.7/17

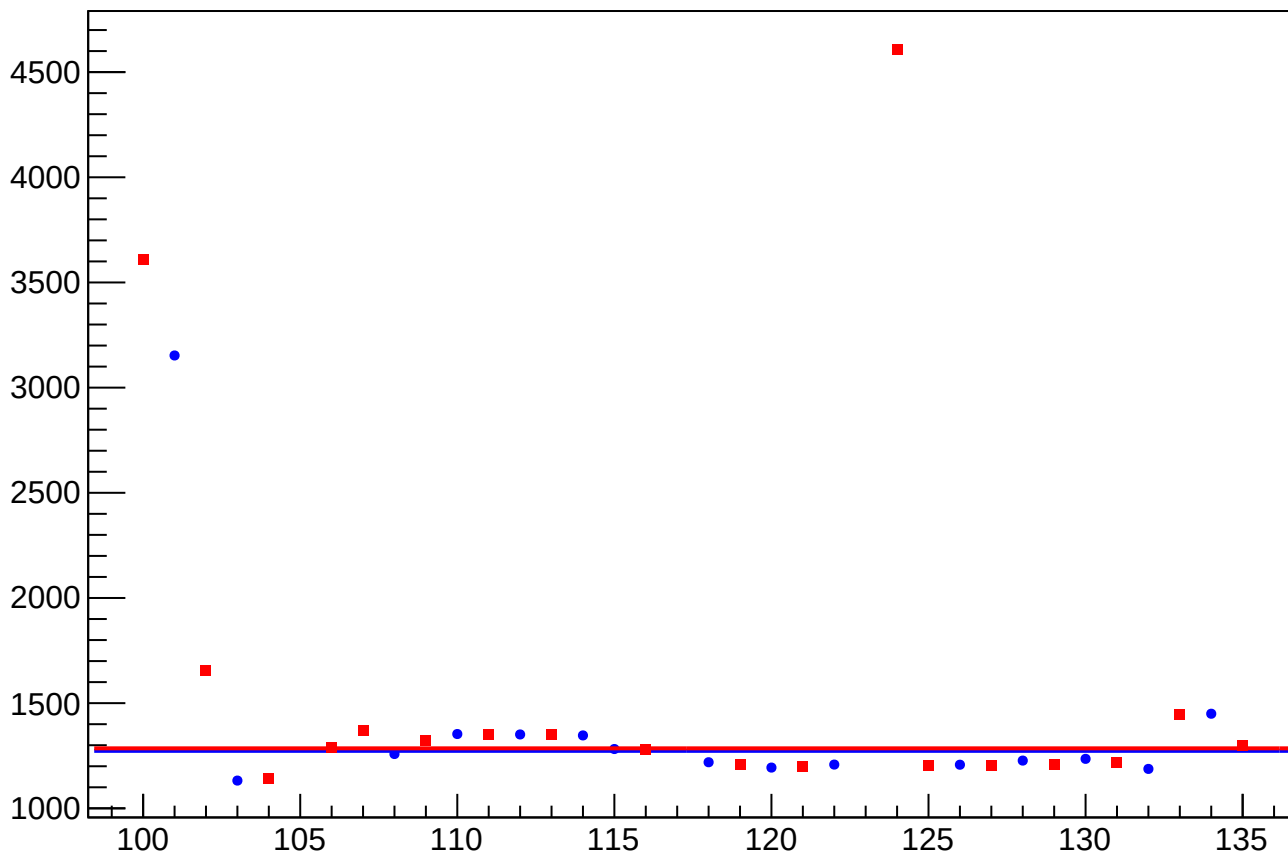
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.925+/-355.024 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

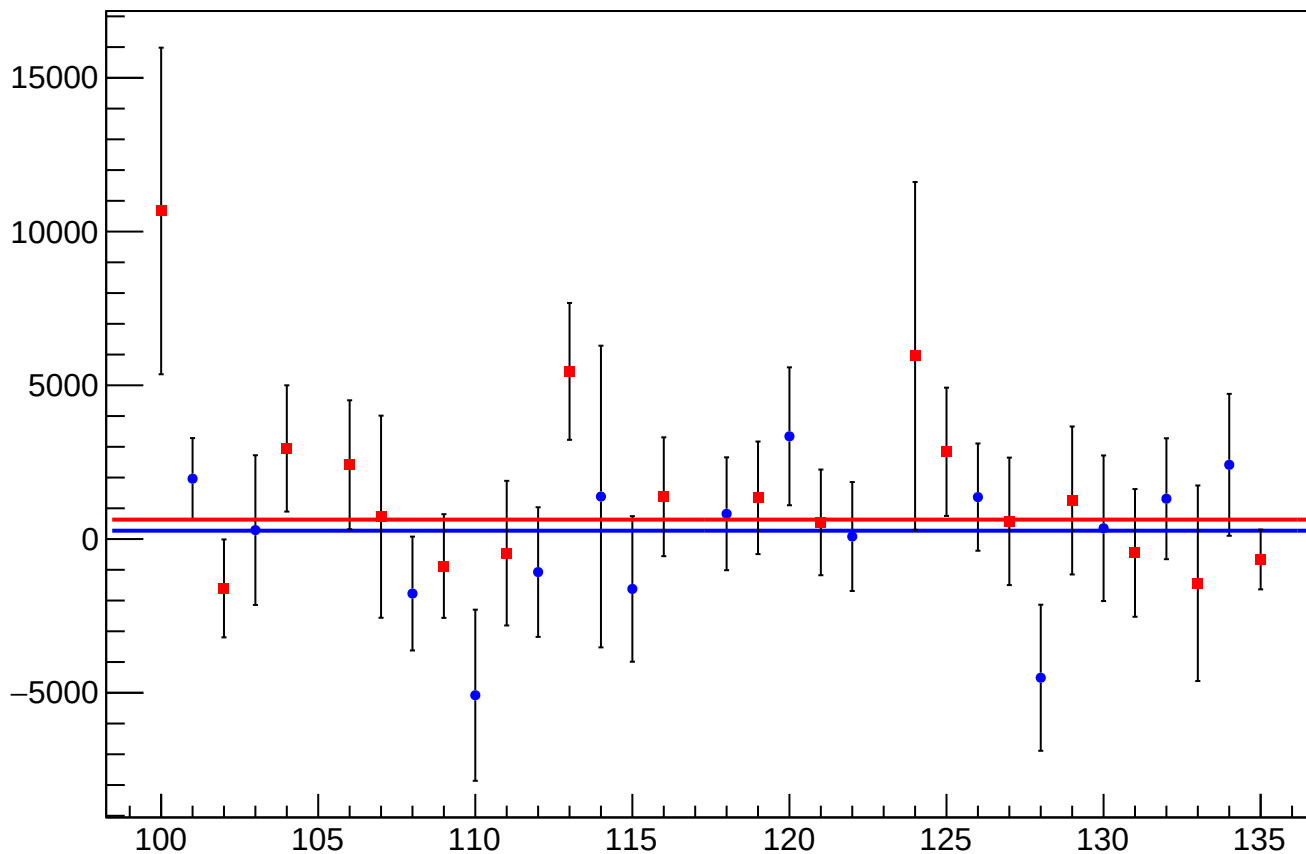
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.571+/-0.251 χ^2/NDF : 848500.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_mean vs Slug



Right In: 271.584+/-530.604 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 632.217+/-462.190 χ^2/NDF : 18.1/17

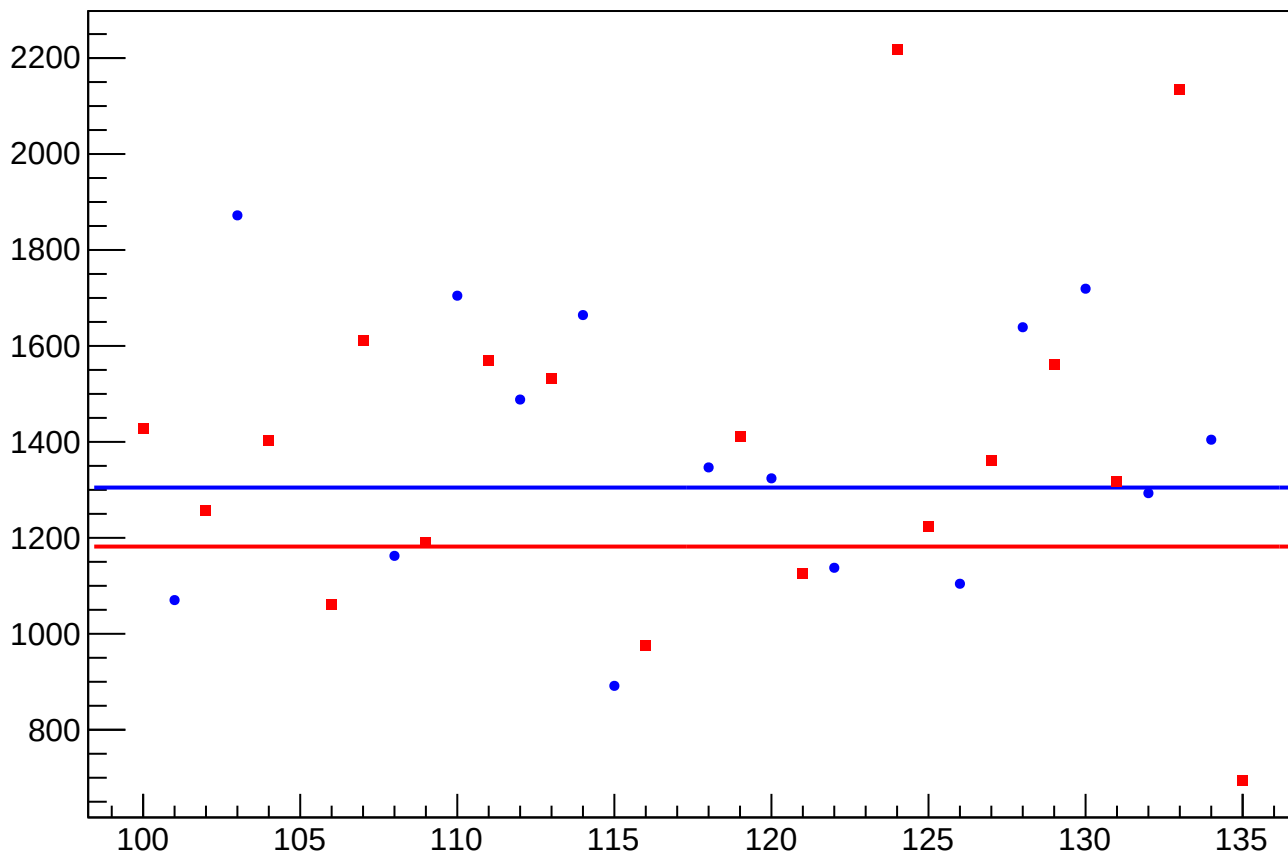
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.634+/-348.512 χ^2/NDF : 33.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_cor_correction_rms vs Slug



Right In: 1304.835 $\pm$ 0.375 χ^2 /NDF: 461667.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

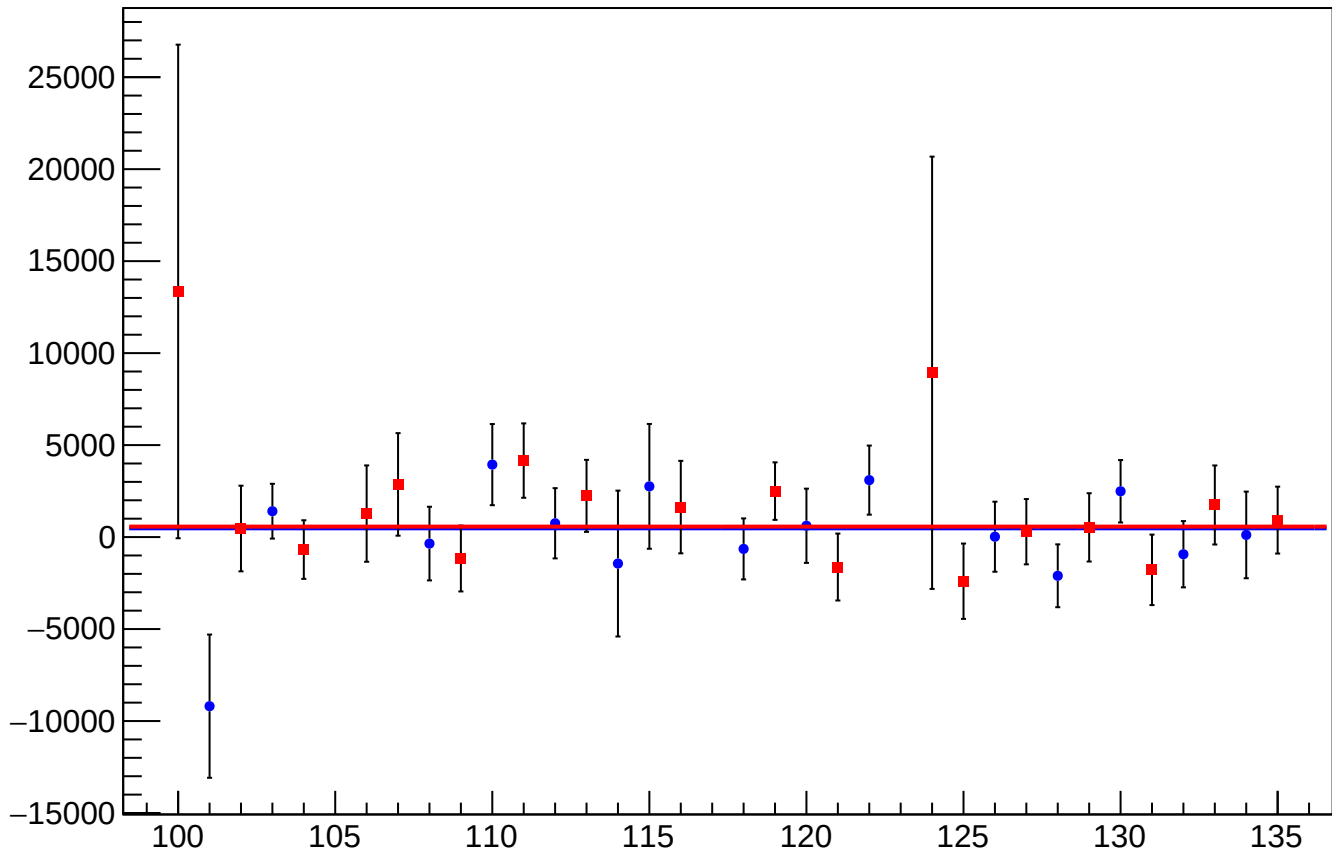
Right Out: 1181.837 $\pm$ 0.327 χ^2 /NDF: 1056612.9/17

All: 1234.900 $\pm$ 0.246 χ^2 /NDF: 1579386.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 475.627+/-516.832 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 568.970+/-488.523 χ^2/NDF : 14.7/17

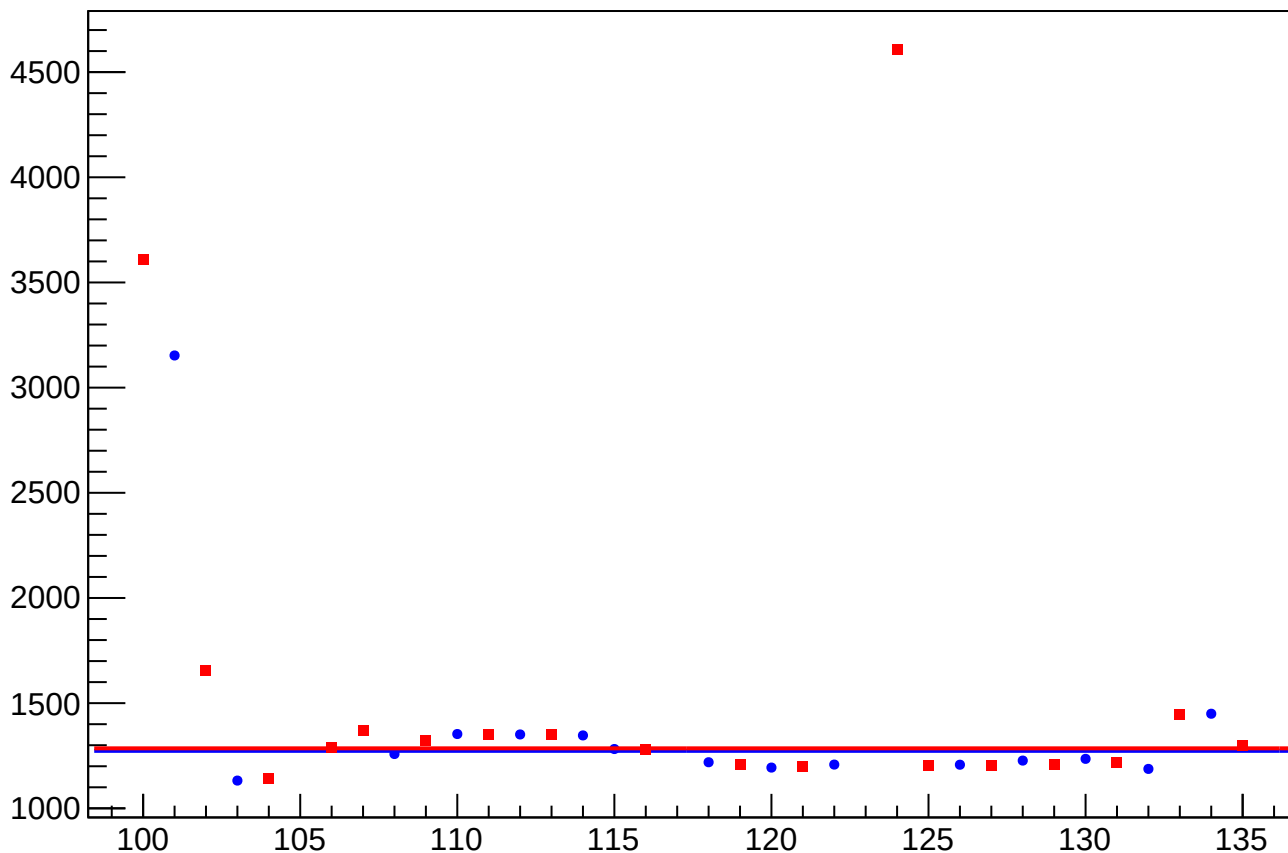
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 524.925+/-355.024 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1273.303+/-0.365 χ^2/NDF : 519285.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1285.171+/-0.345 χ^2/NDF : 328658.2/17

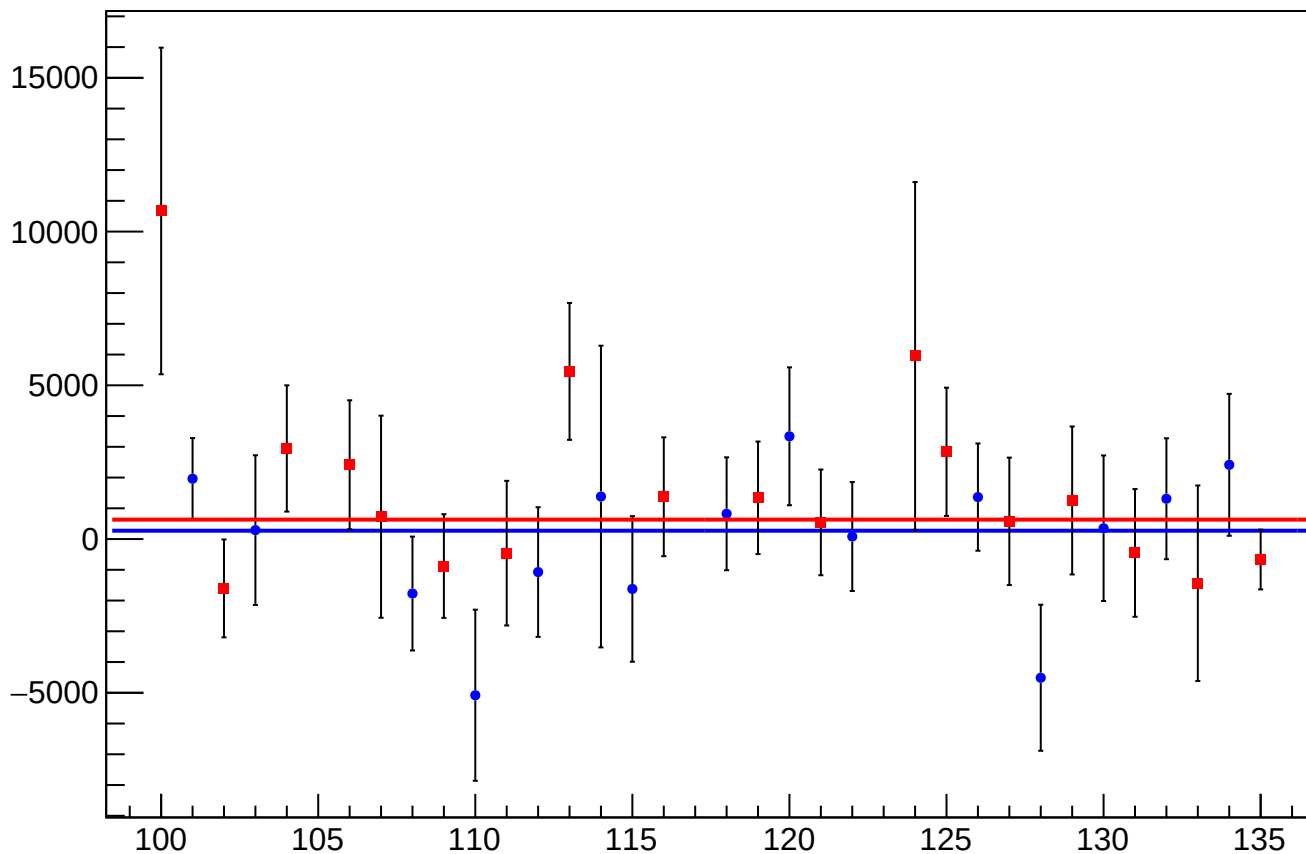
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.571+/-0.251 χ^2/NDF : 848500.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 271.584 $\pm$ 530.604 χ^2 /NDF: 15.2/14

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

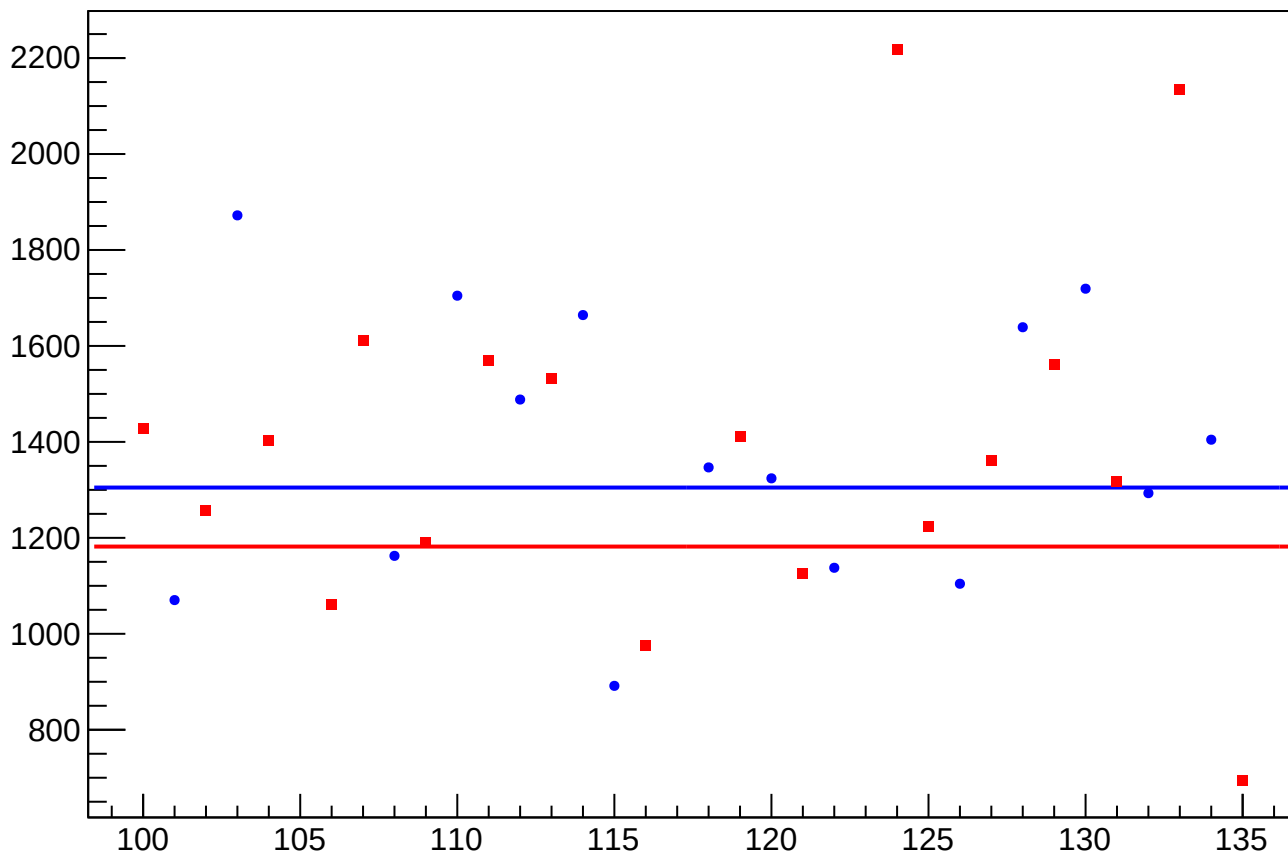
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 476.634 $\pm$ 348.512 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1304.835 $\pm$ 0.375 χ^2 /NDF: 461667.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

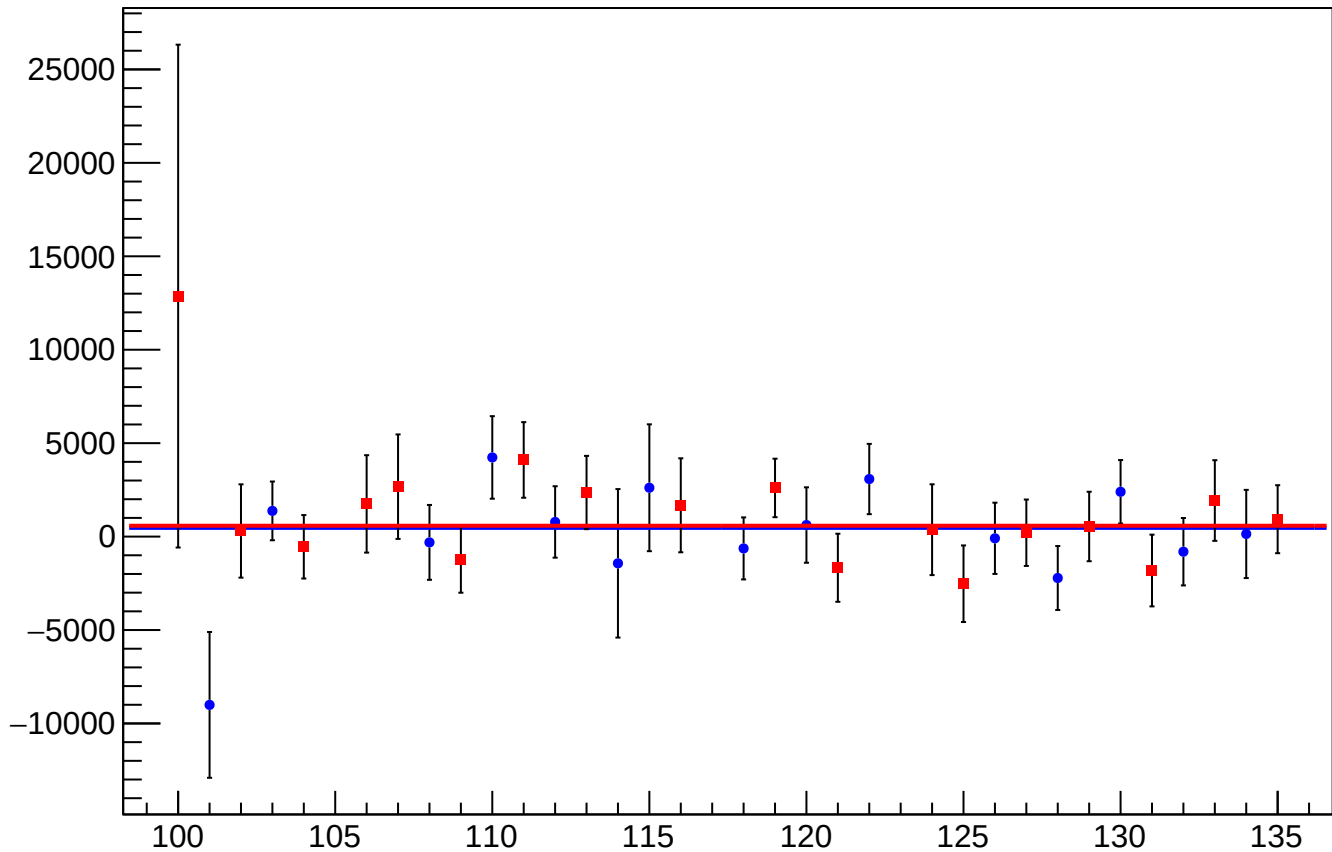
Right Out: 1181.837 $\pm$ 0.327 χ^2 /NDF: 1056612.9/17

All: 1234.900 $\pm$ 0.246 χ^2 /NDF: 1579386.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 467.437+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.011+/-483.775 χ^2/NDF : 14.6/17

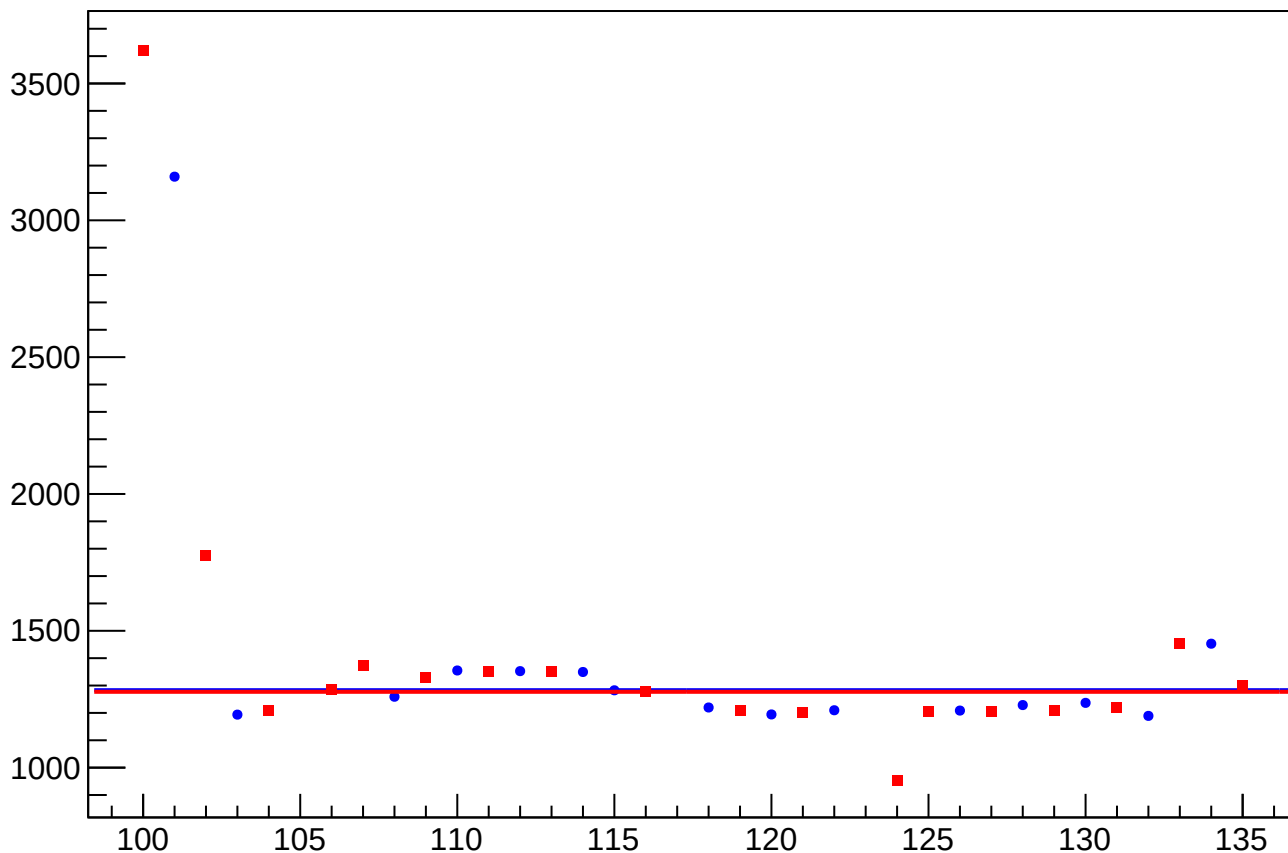
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.378+/-354.371 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1283.086 $\pm$ 0.368 χ^2 /NDF: 506911.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

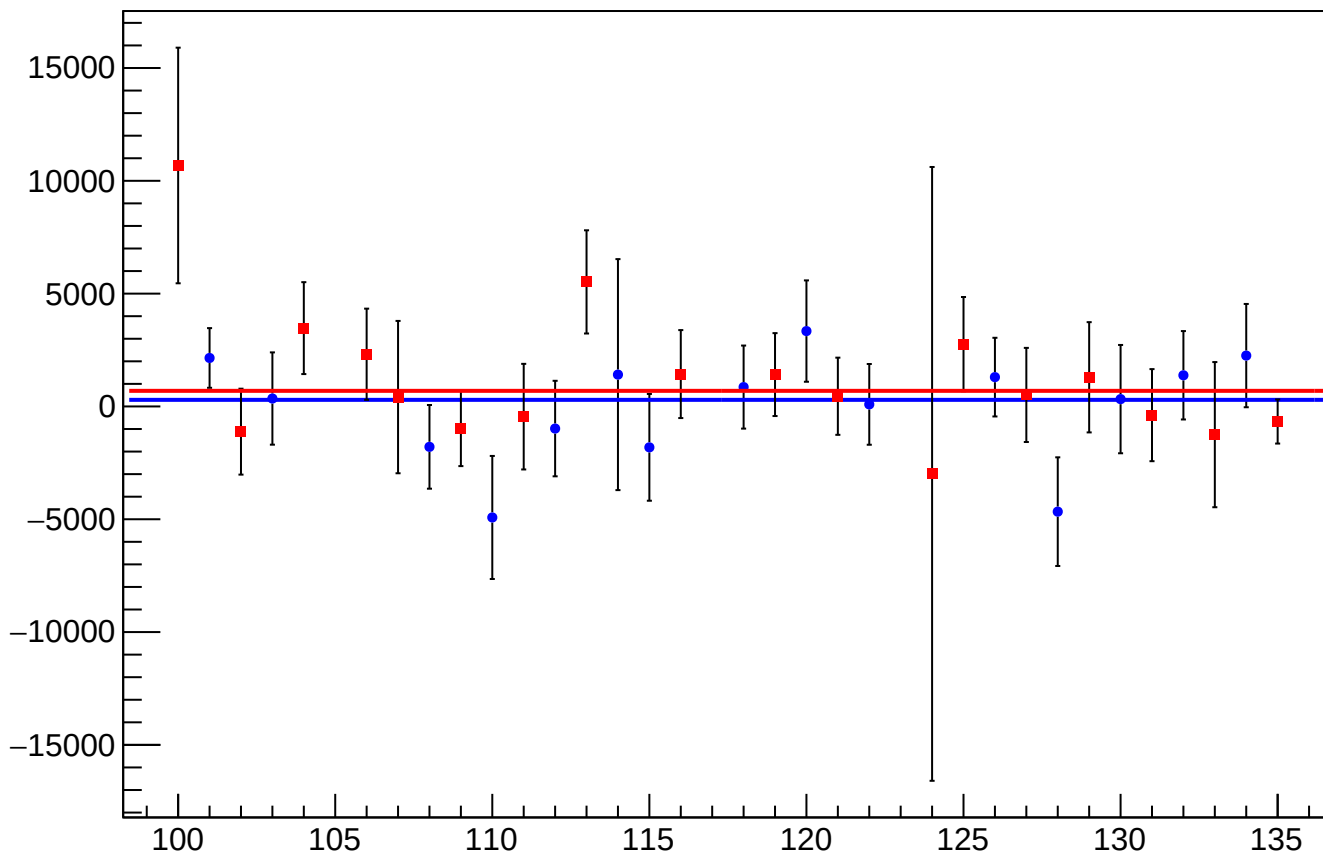
Right Out: 1277.124 $\pm$ 0.342 χ^2 /NDF: 220492.8/17

All: 1279.887 $\pm$ 0.251 χ^2 /NDF: 727544.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_mean vs Slug



Right In: 292.277 $\pm$ 526.449 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 691.449 $\pm$ 469.599 χ^2 /NDF: 16.8/17

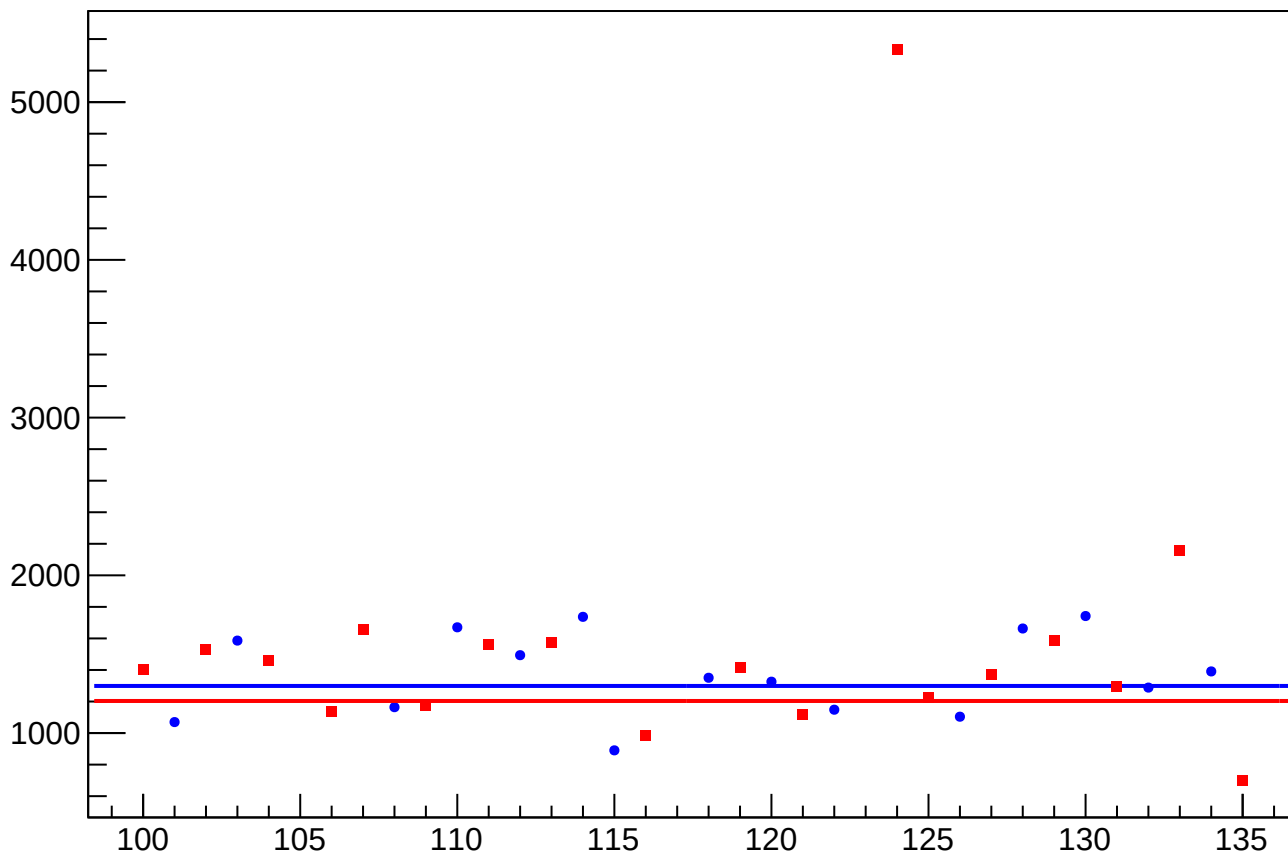
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 514.572 $\pm$ 350.439 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_correction_rms vs Slug



Right In: 1298.757+/-0.372 χ^2/NDF : 396730.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

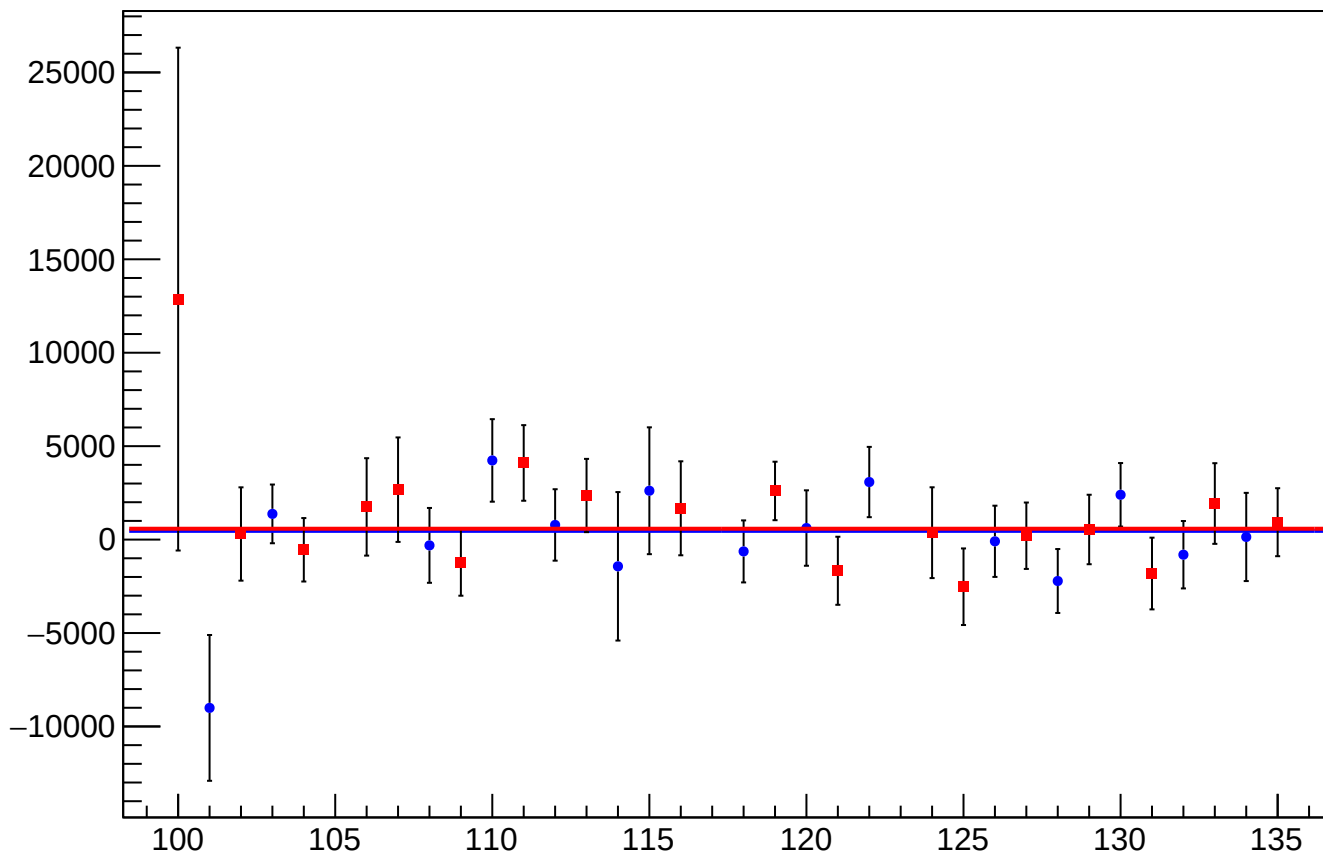
Right Out: 1203.452+/-0.332 χ^2/NDF : 1251546.4/17

All: 1245.683+/-0.248 χ^2/NDF : 1684778.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 467.434+/-520.557 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 581.010+/-483.775 χ^2/NDF : 14.6/17

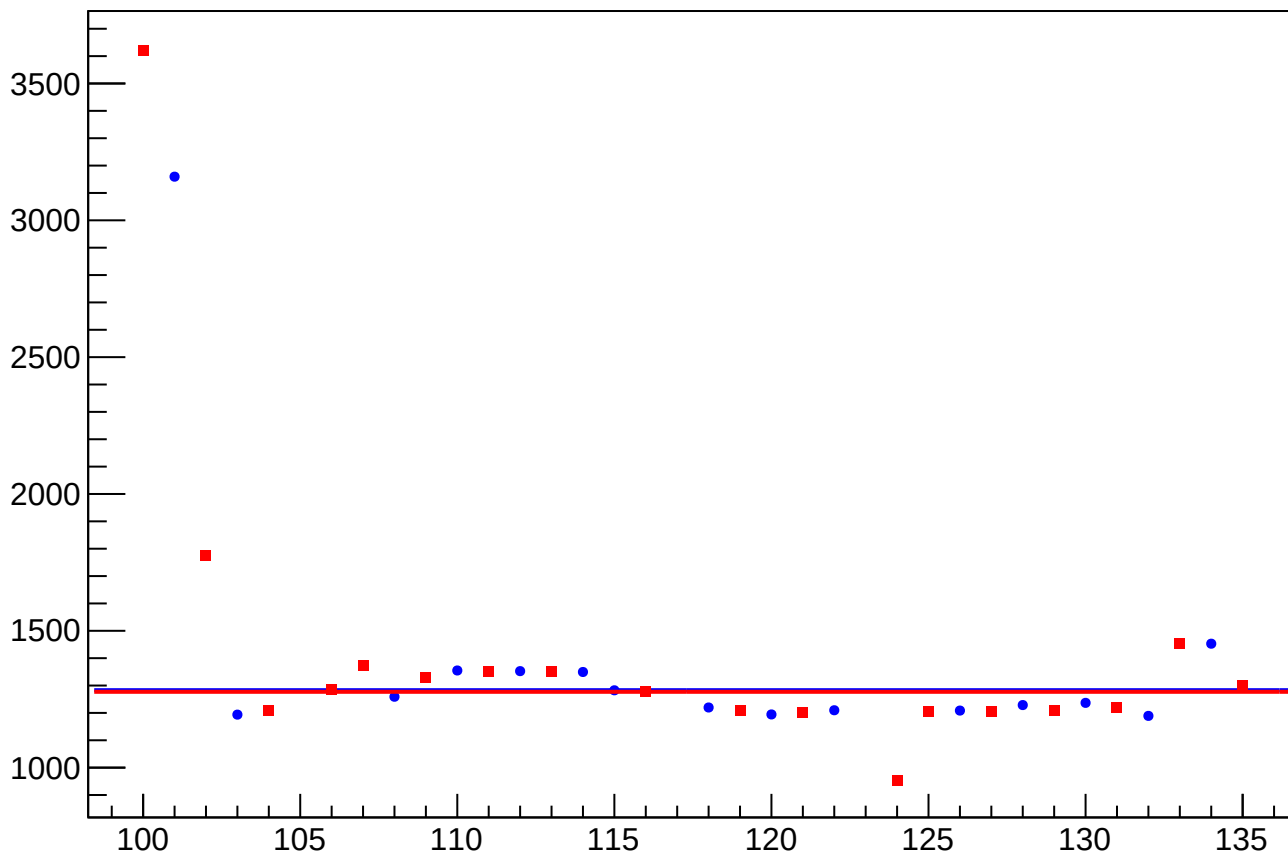
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 528.376+/-354.371 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1283.086 $\pm$ 0.368 χ^2 /NDF: 506911.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

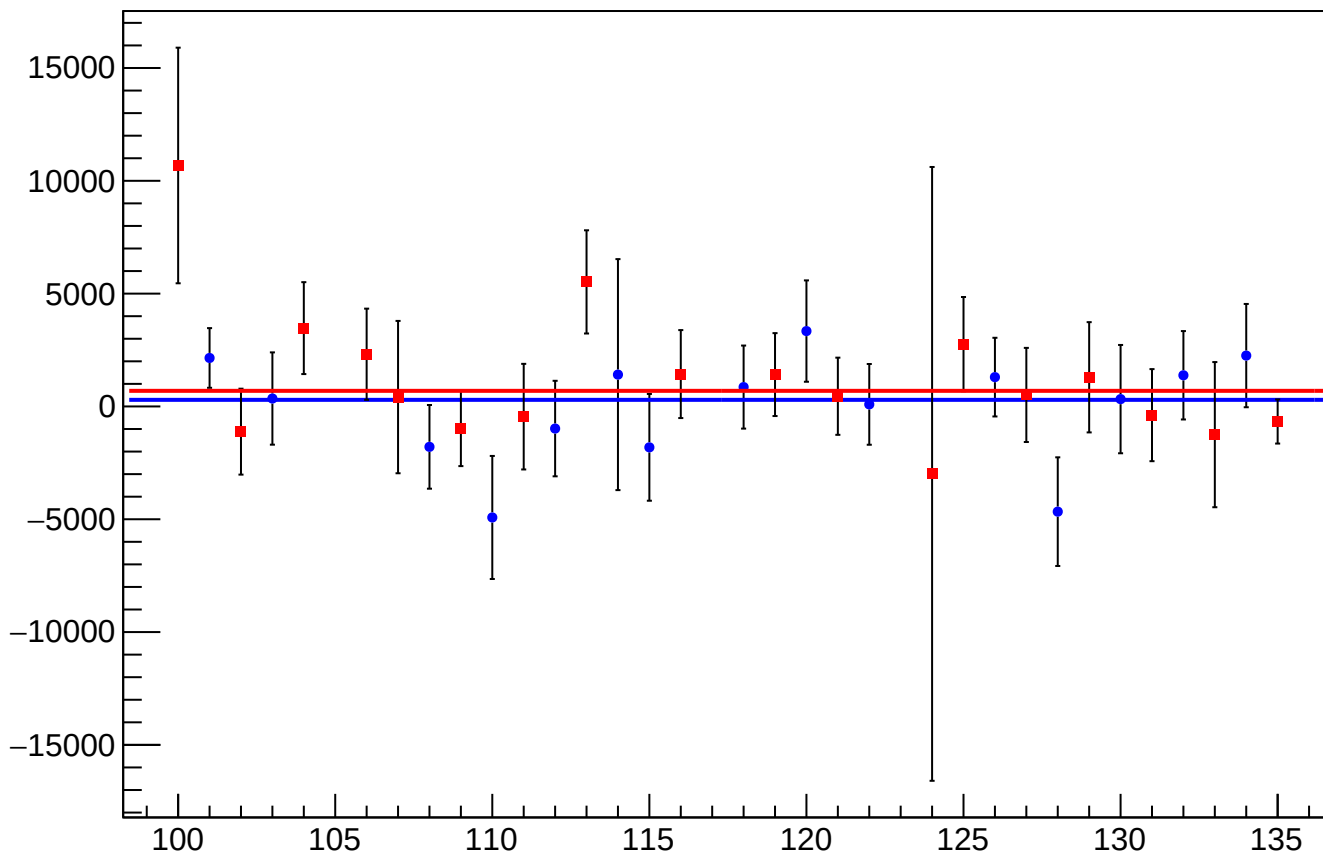
Right Out: 1277.124 $\pm$ 0.342 χ^2 /NDF: 220492.7/17

All: 1279.887 $\pm$ 0.251 χ^2 /NDF: 727544.9/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 292.276 $\pm$ 526.447 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 691.457 $\pm$ 469.601 χ^2 /NDF: 16.8/17

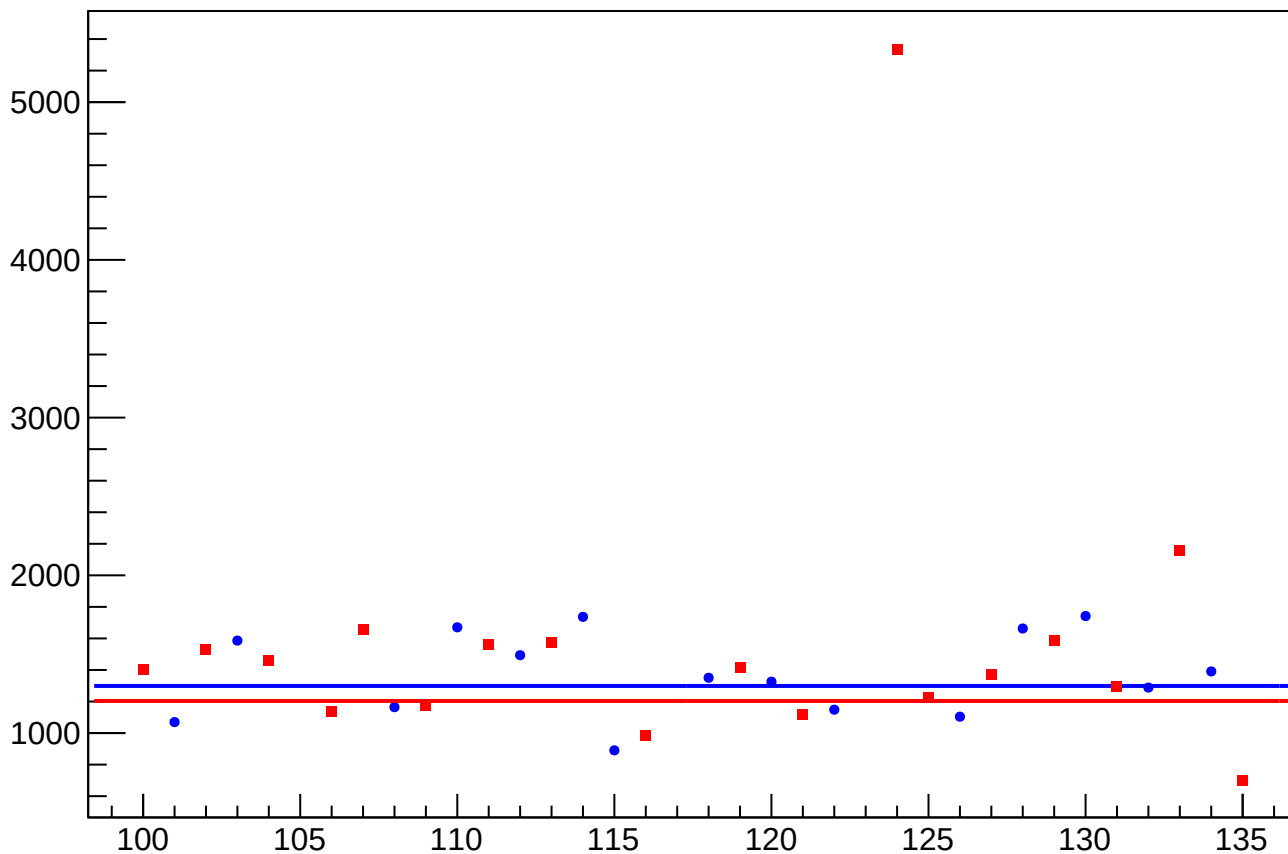
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 514.574 $\pm$ 350.439 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1298.753+/-0.372 χ^2/NDF : 396735.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

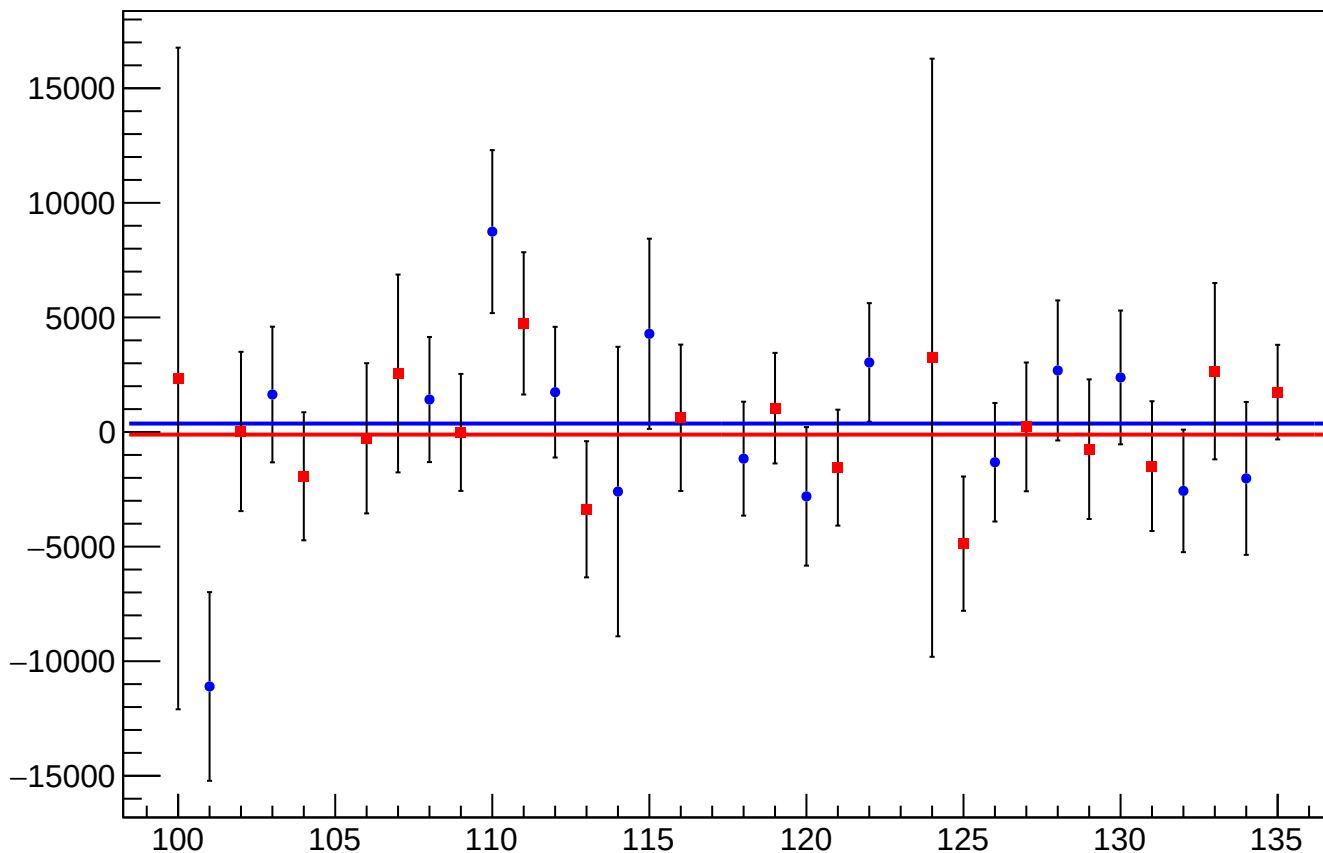
Right Out: 1203.458+/-0.332 χ^2/NDF : 1251503.9/17

All: 1245.685+/-0.248 χ^2/NDF : 1684733.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_mean vs Slug



Right In: 369.542+/-786.441 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -111.148+/-717.348 χ^2/NDF : 9.4/17

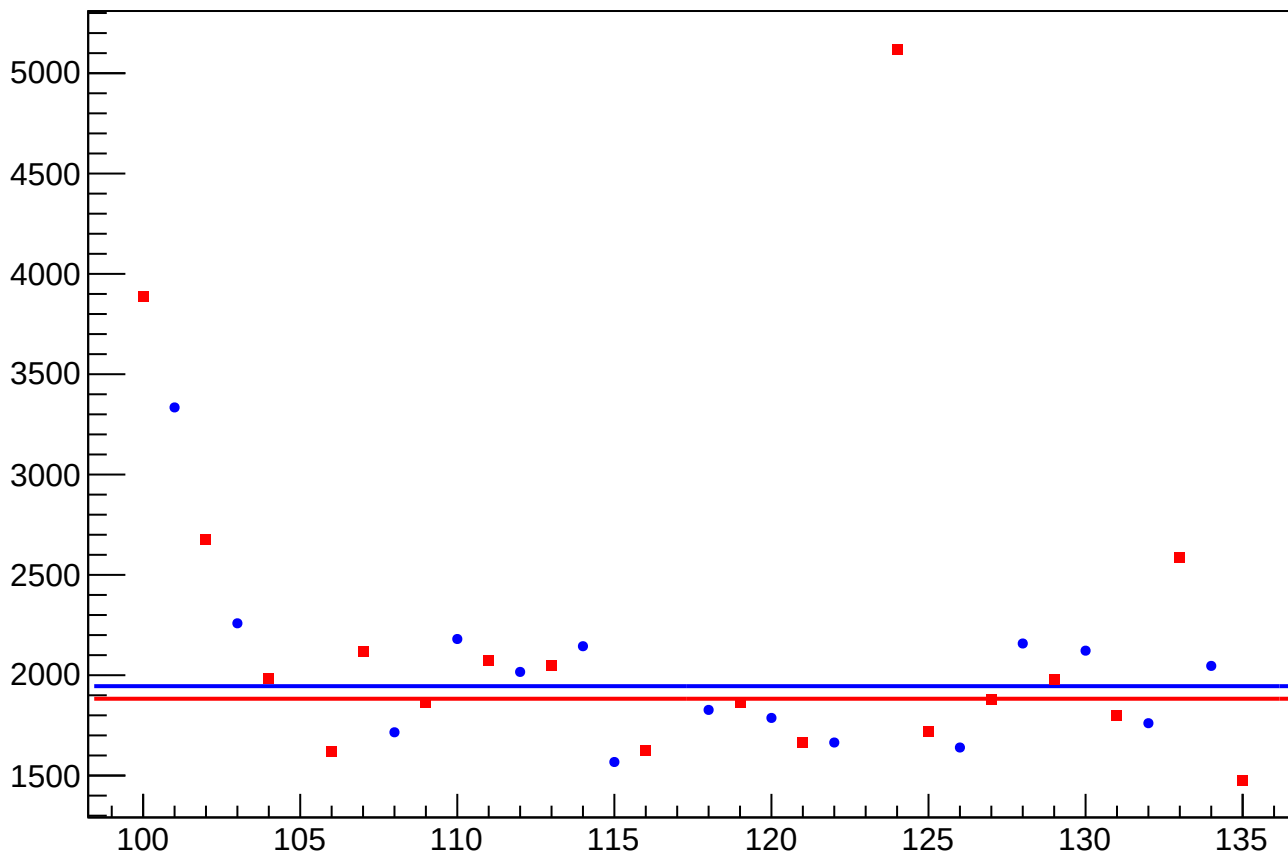
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.158+/-529.989 χ^2/NDF : 30.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_rms vs Slug



Right In: 1945.410+/-0.556 χ^2/NDF : 382775.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

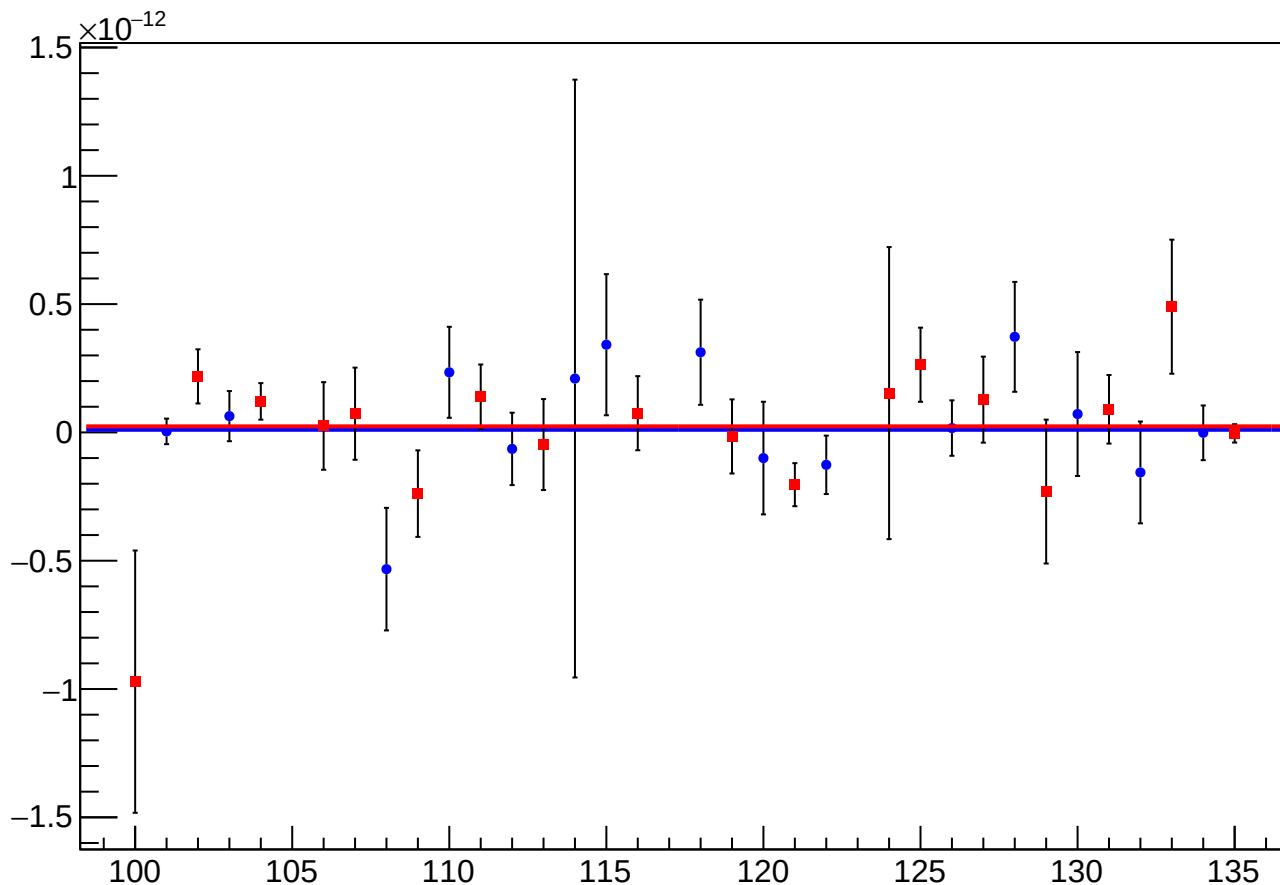
Right Out: 1882.746+/-0.507 χ^2/NDF : 483380.0/17

All: 1911.205+/-0.375 χ^2/NDF : 873086.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.1/17

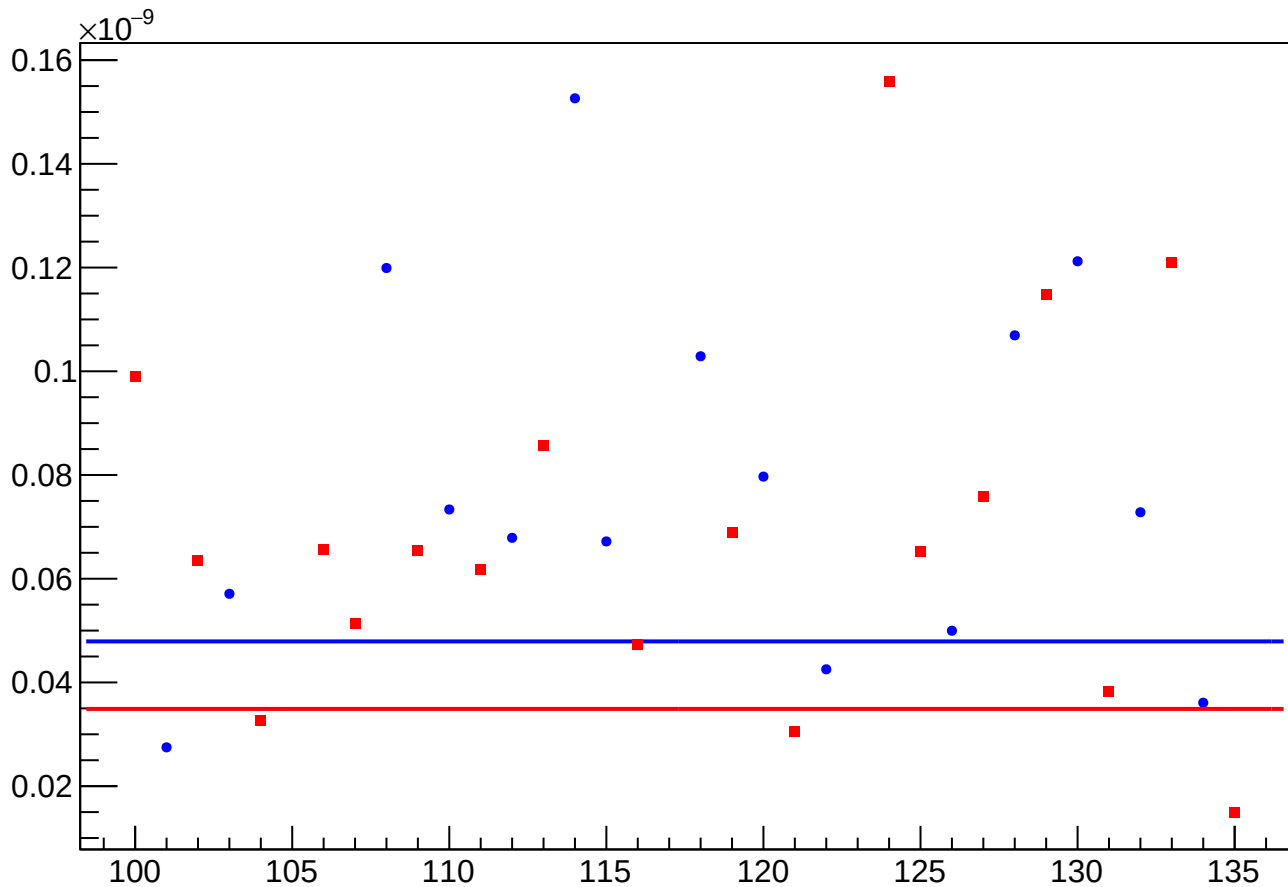
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 44.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1226740.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2020571.4/17

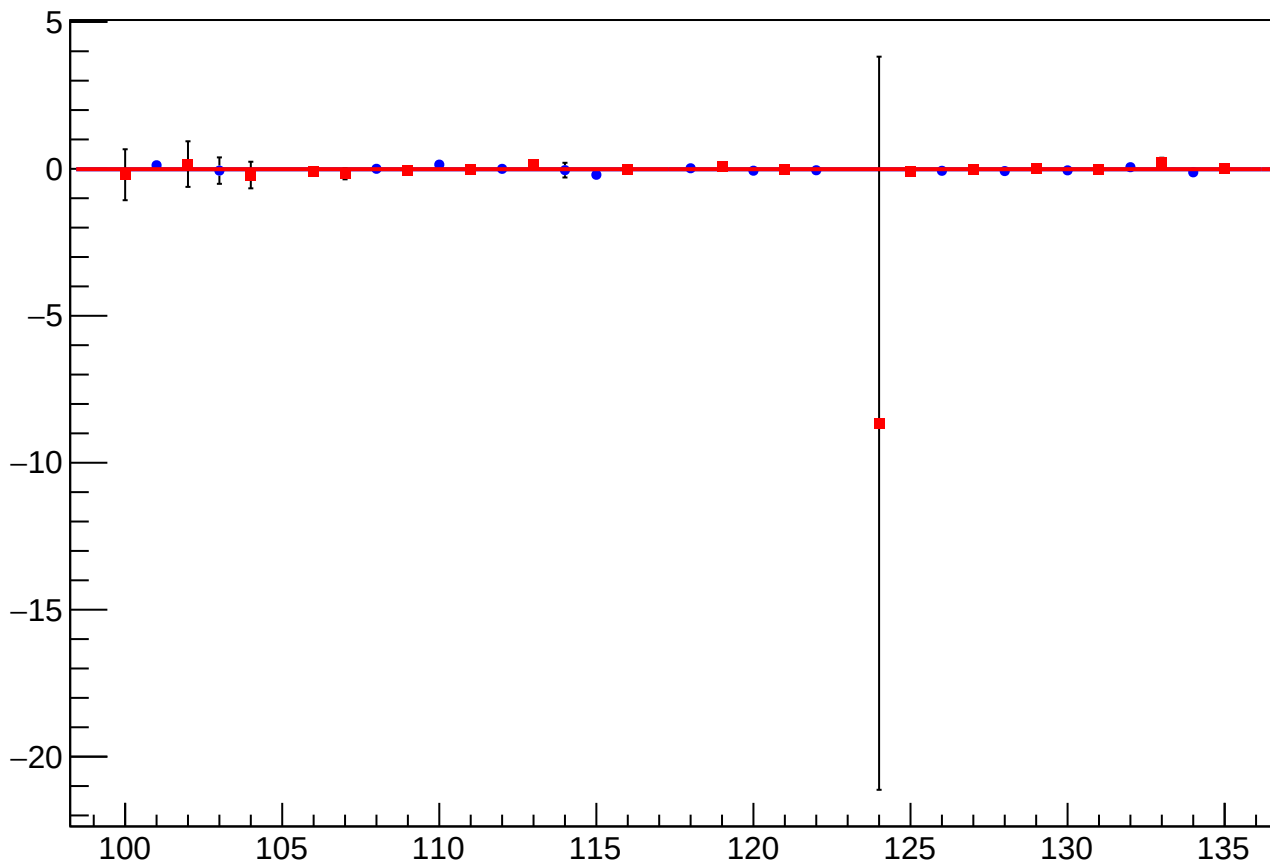
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3457072.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.019 χ^2/NDF : 14.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.012 ± 0.017 χ^2/NDF : 12.6/17

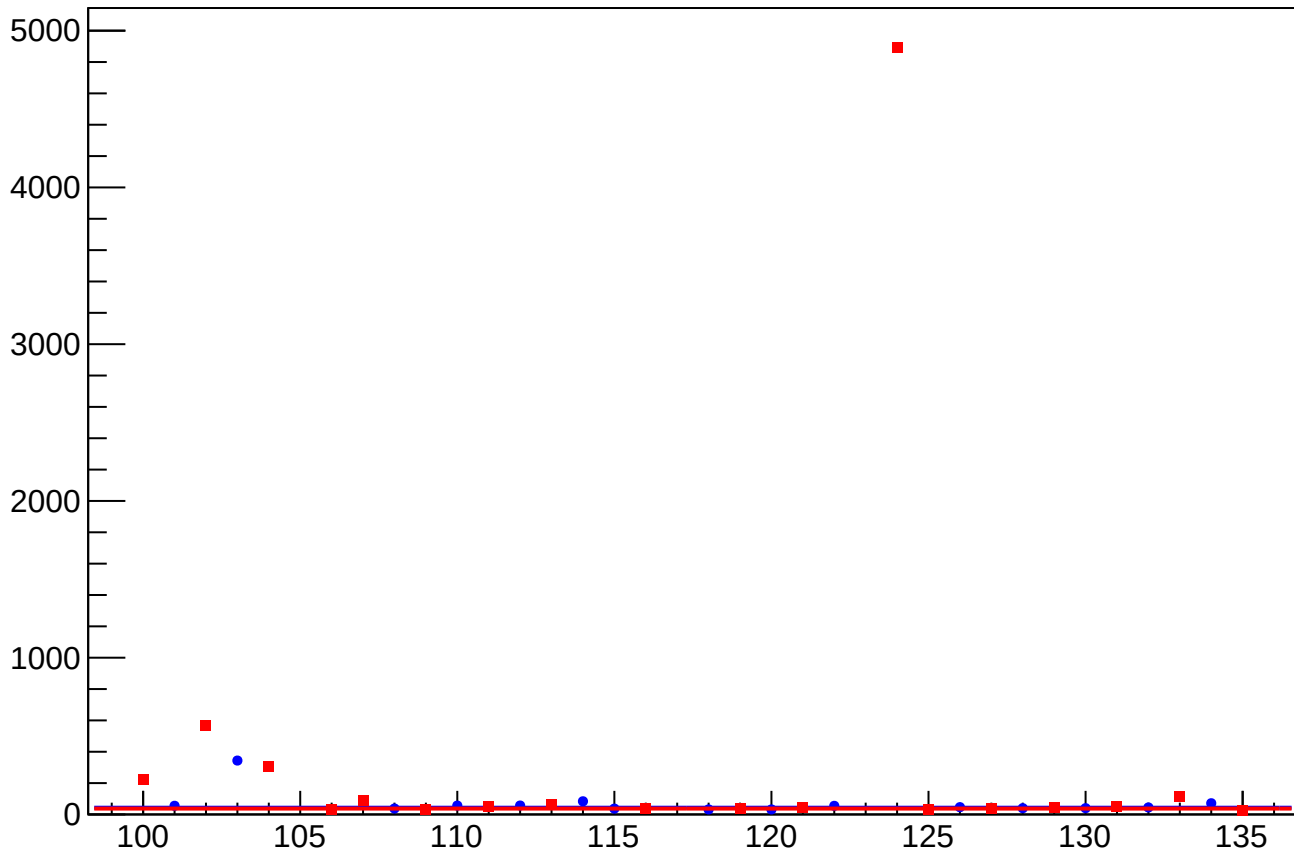
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.013 χ^2/NDF : 26.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

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

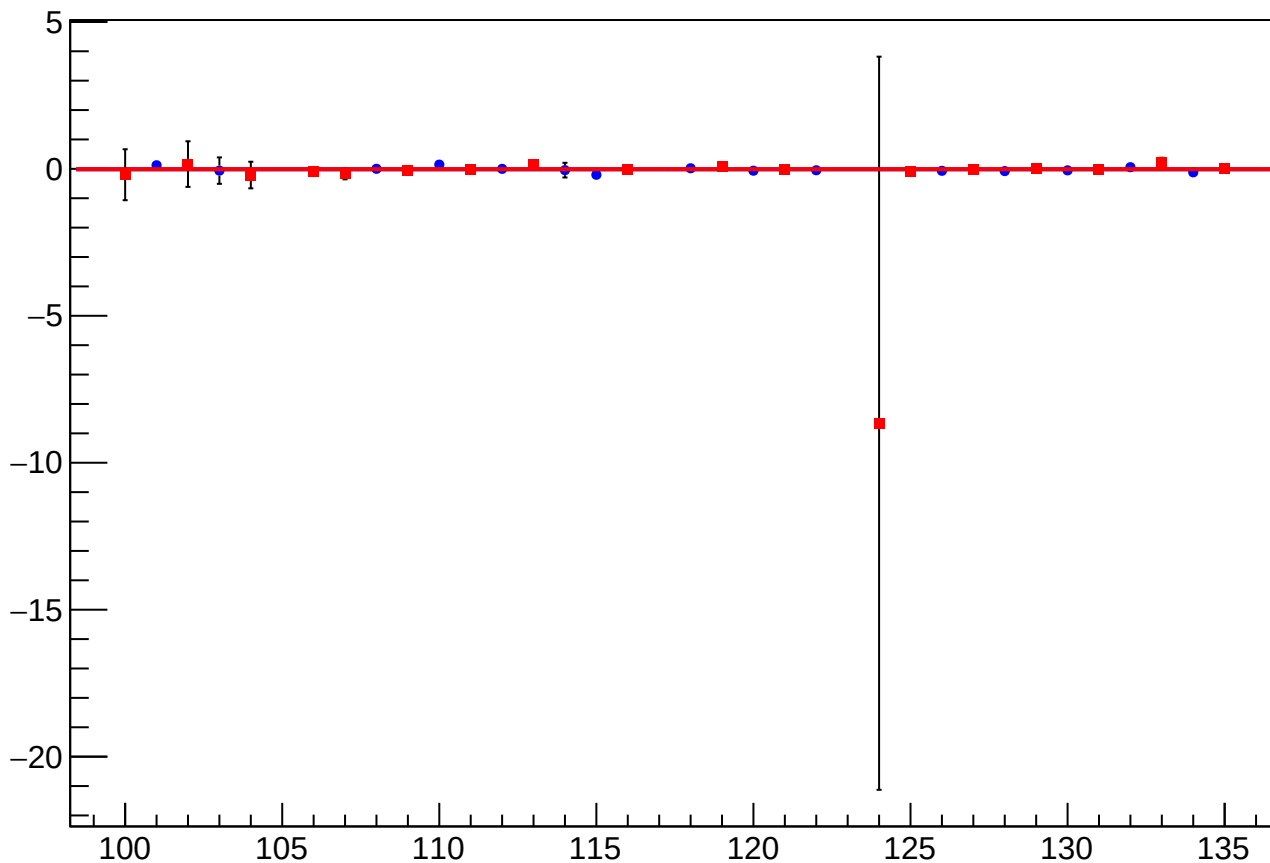
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.908 $\pm$ 0.009 χ^2 /NDF: 4700673.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

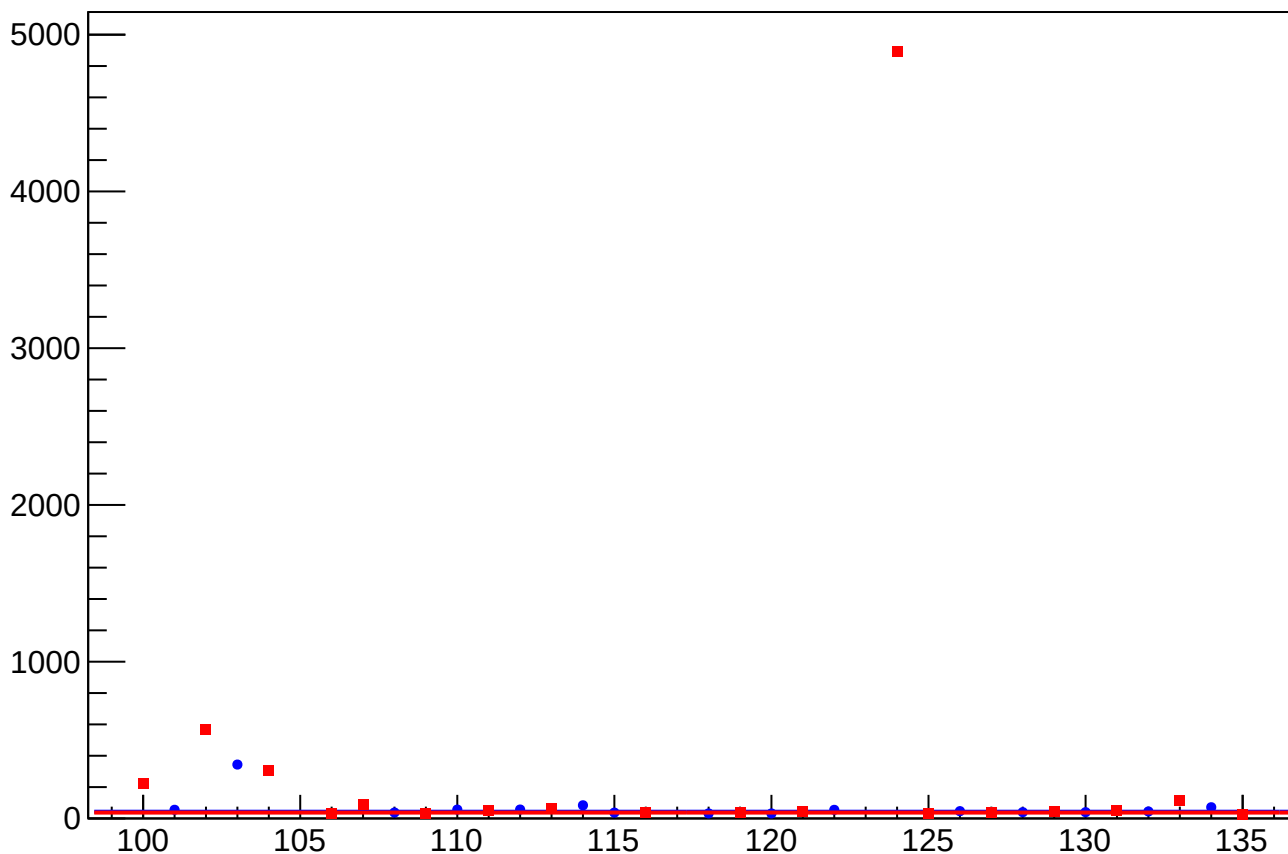
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466685.6/14

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

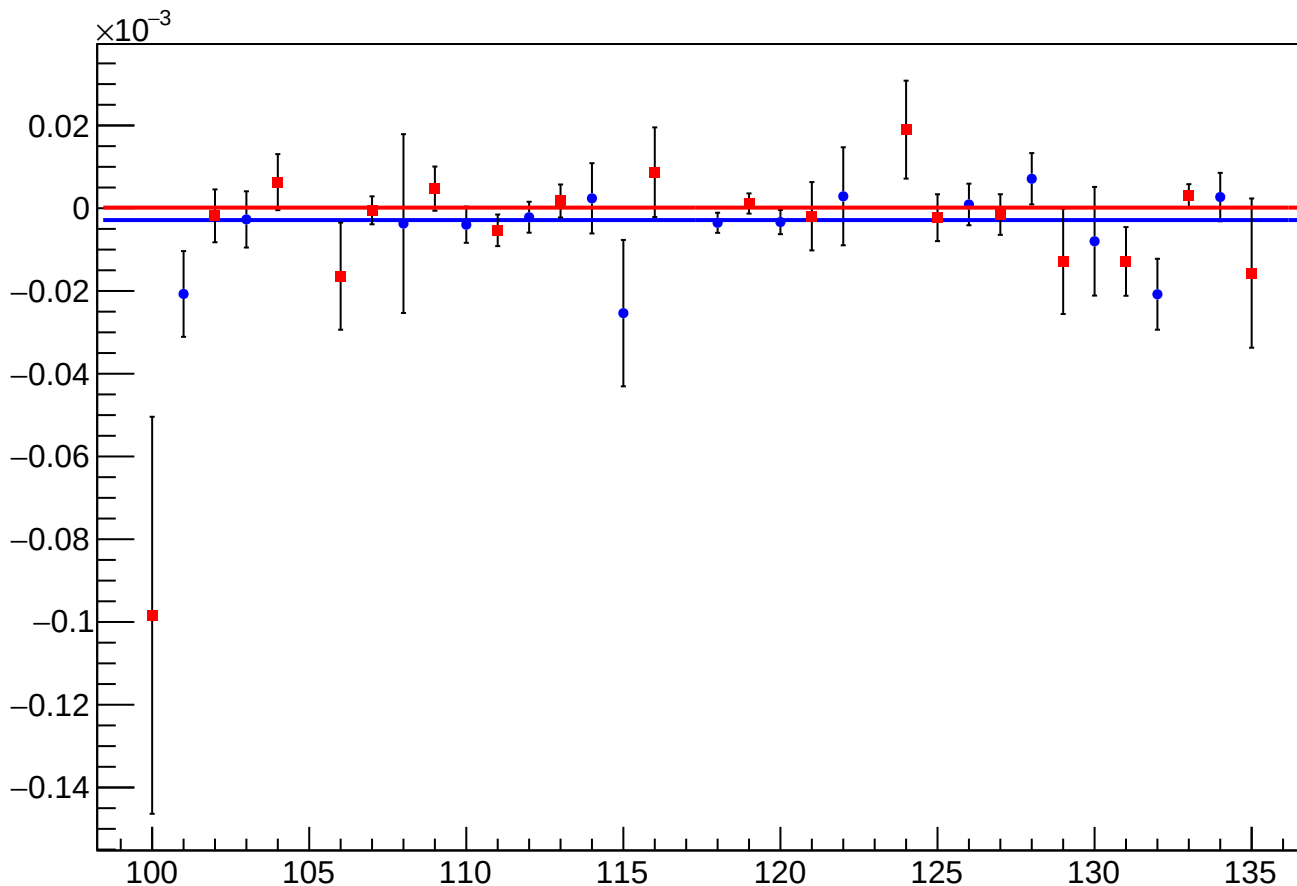
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.908 $\pm$ 0.009 χ^2 /NDF: 4700673.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 14.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 18.7/17

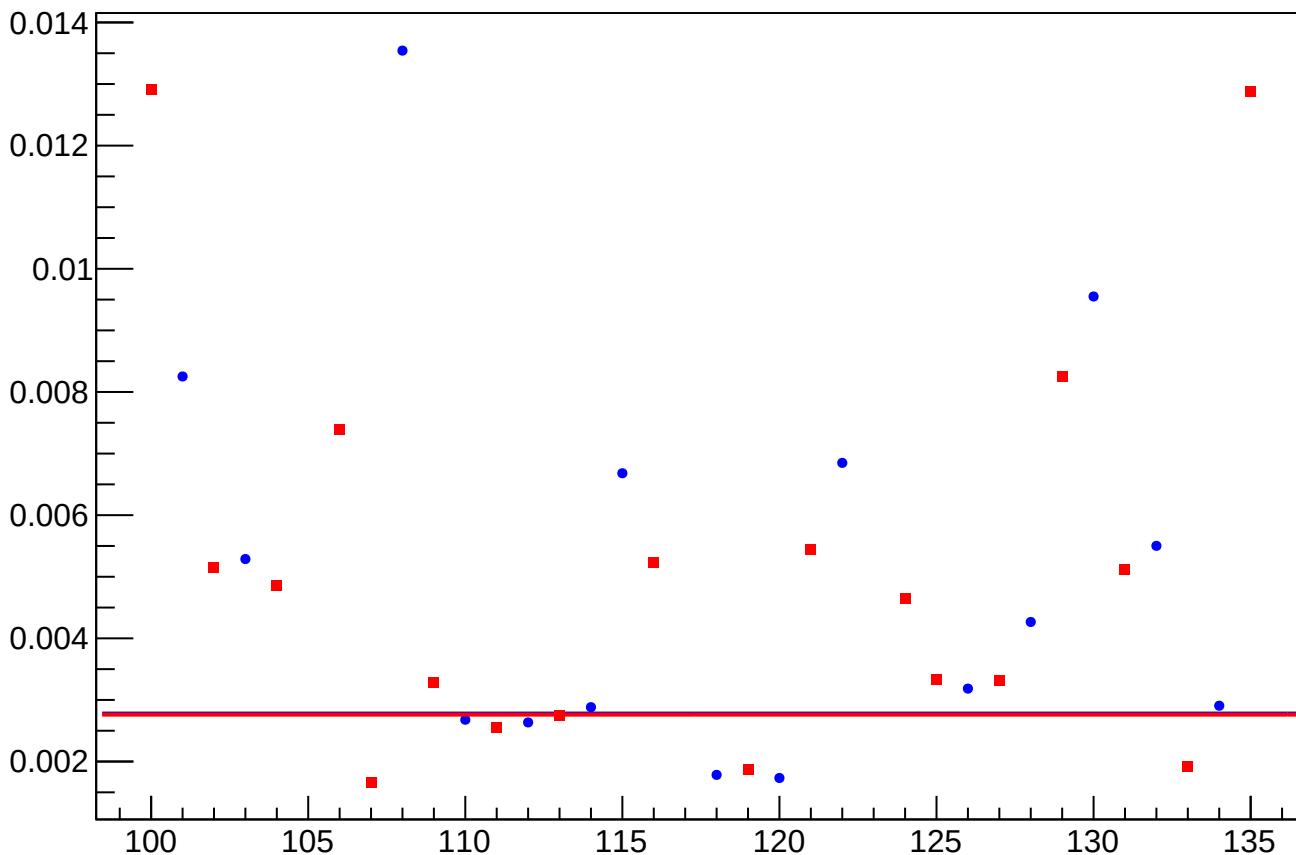
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 35.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 3116967.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3074529.8/17

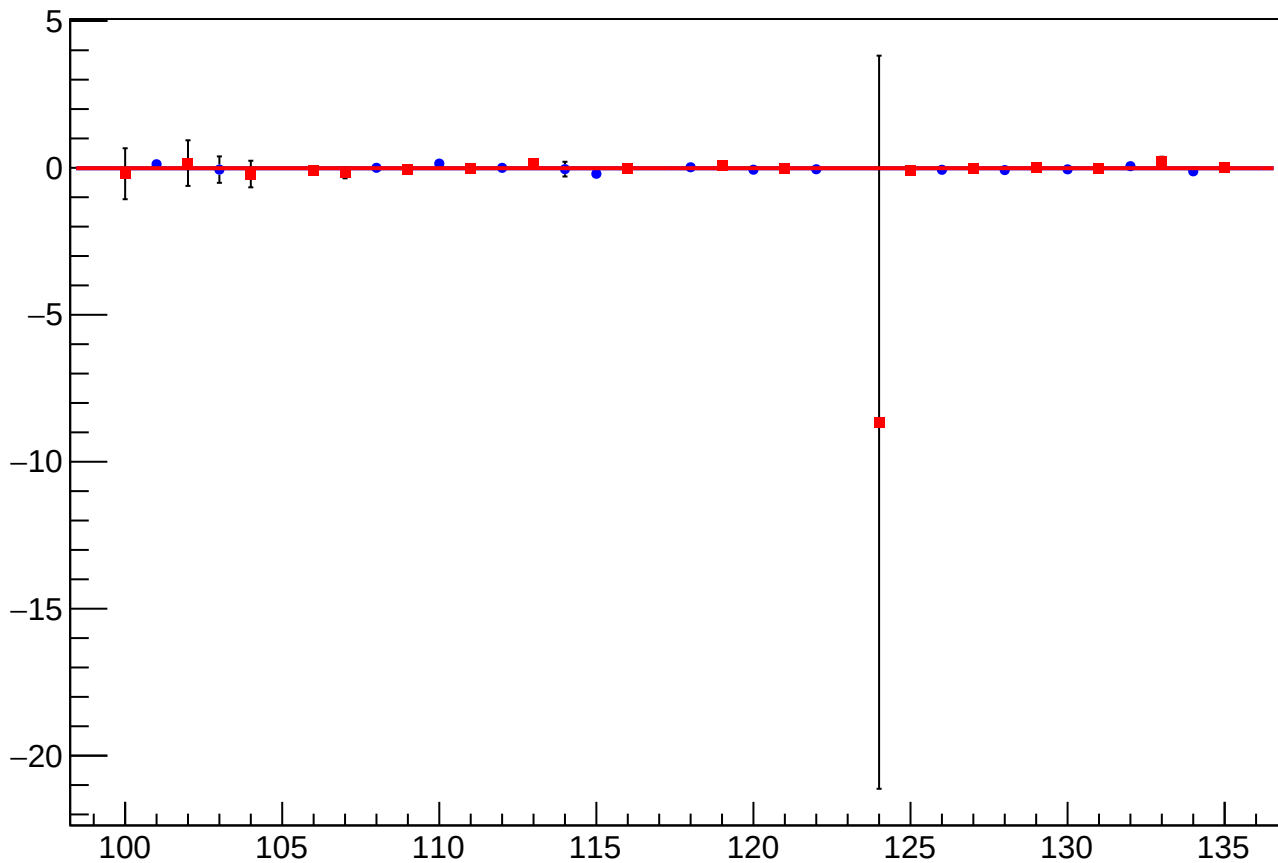
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6191692.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

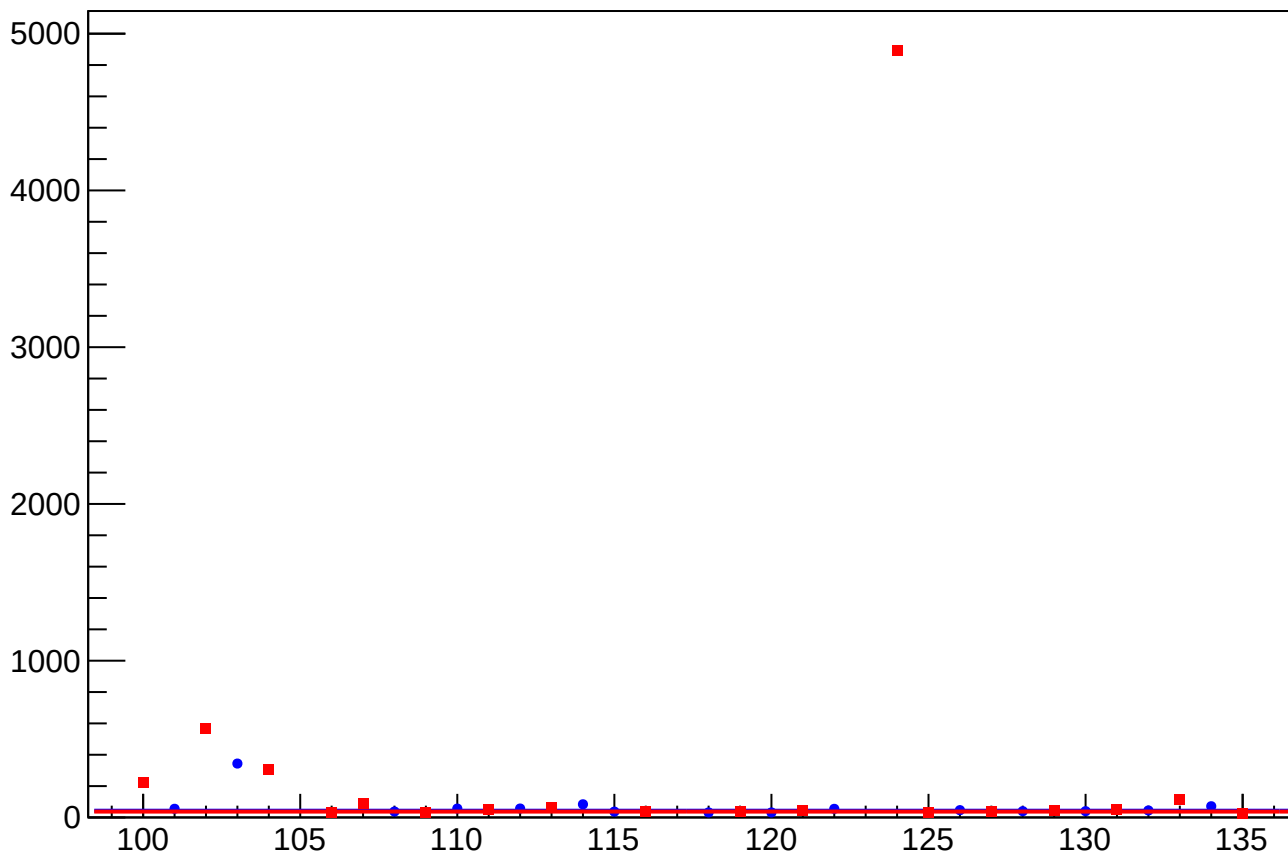
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466691.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.466 $\pm$ 0.012 χ^2 /NDF: 3142261.3/17

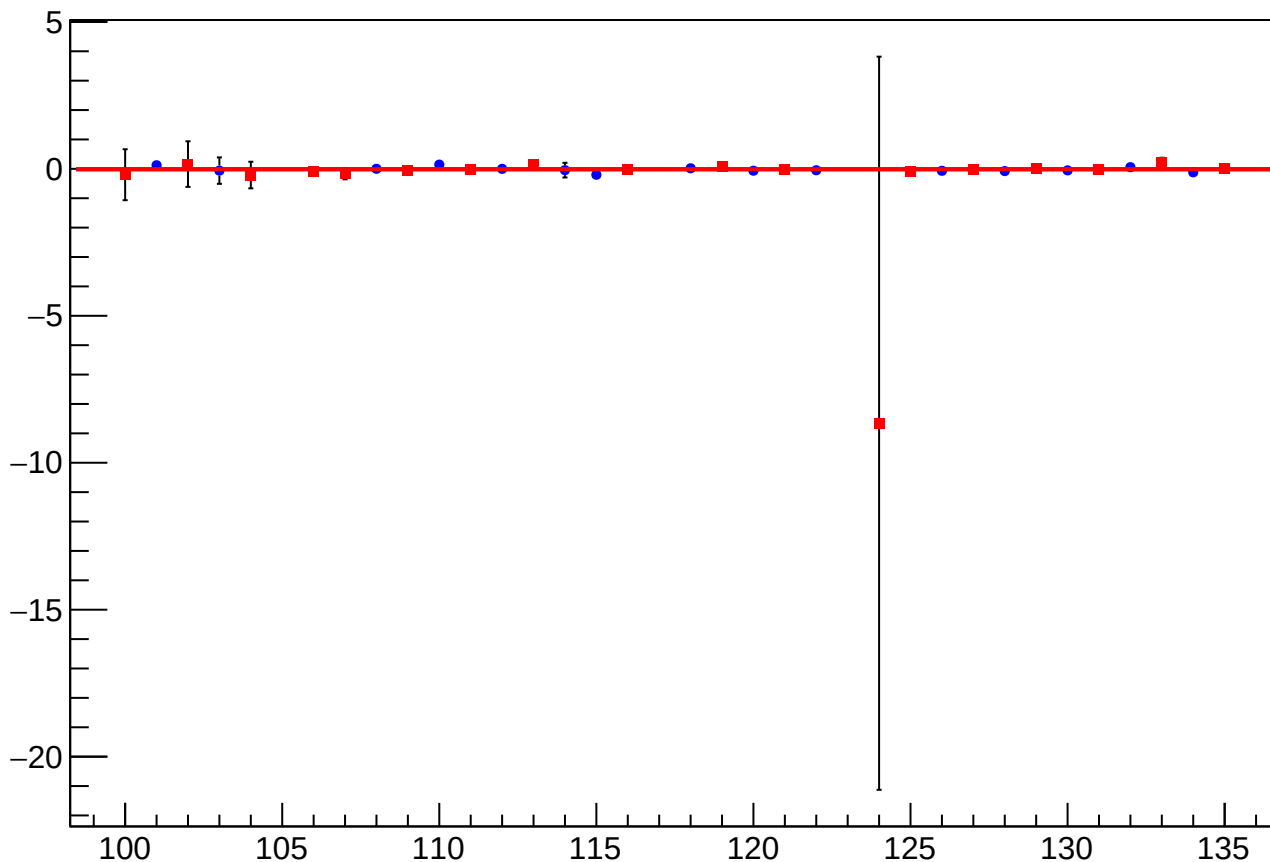
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.909 $\pm$ 0.009 χ^2 /NDF: 4700386.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.019 χ^2 /NDF: 14.3/14

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

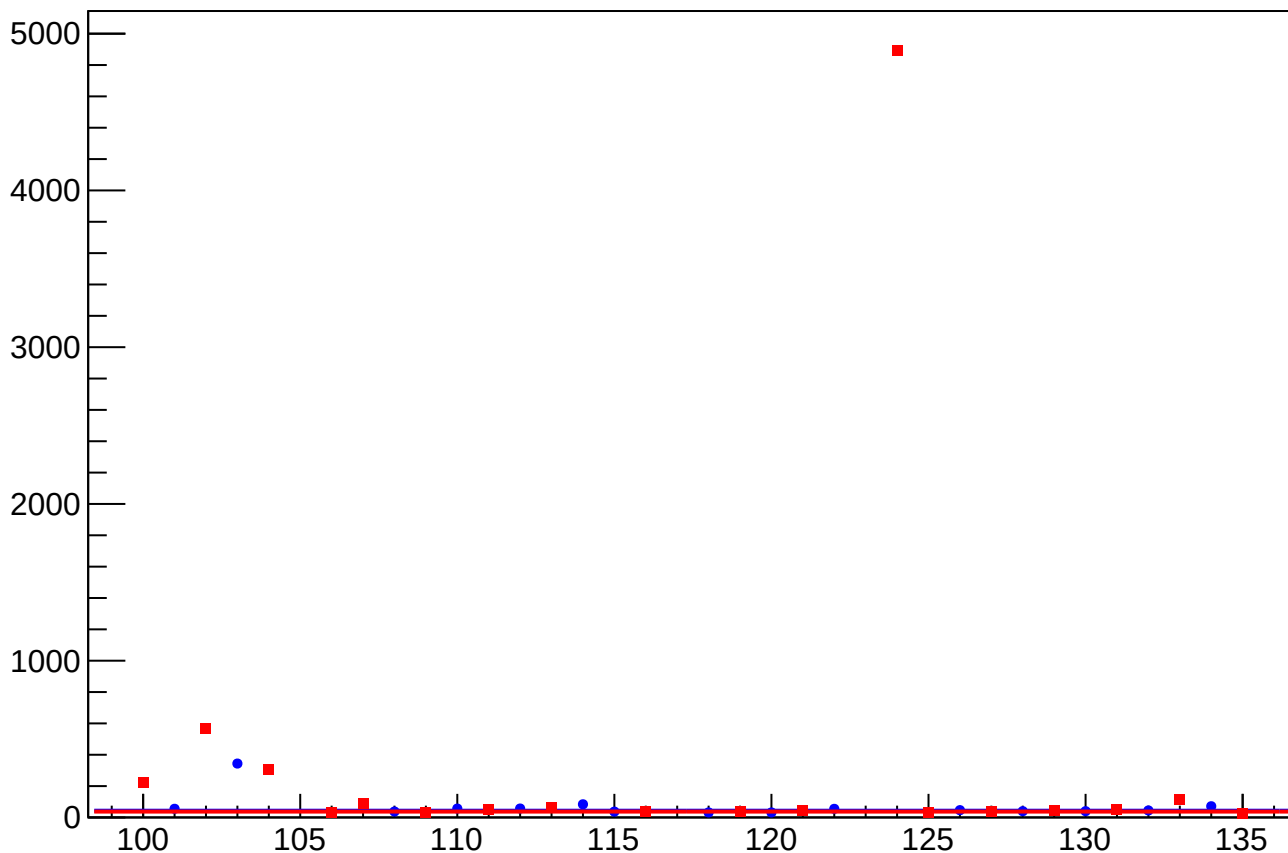
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.014 $\pm$ 0.013 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 43.012 $\pm$ 0.014 χ^2 /NDF: 1466691.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 37.466 $\pm$ 0.012 χ^2 /NDF: 3142261.3/17

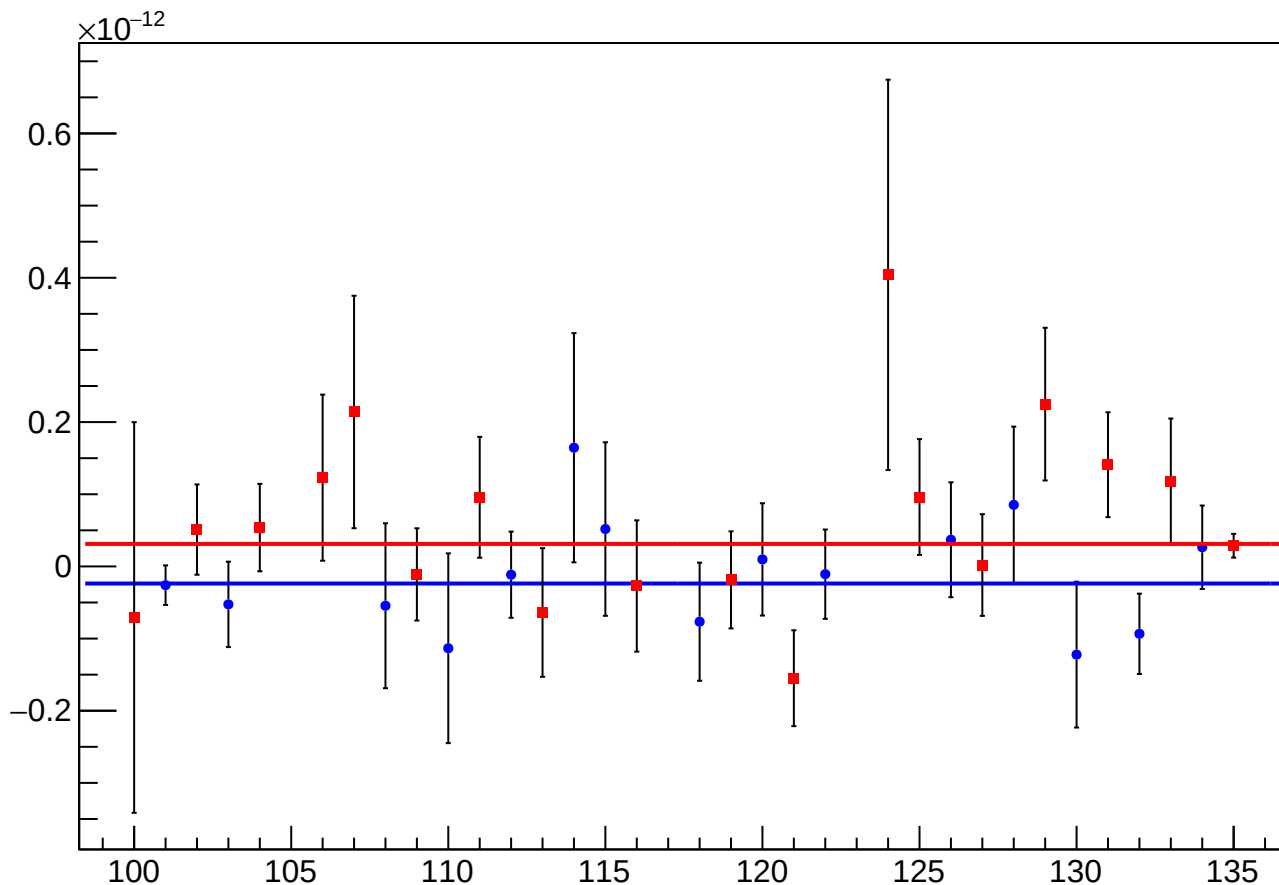
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 39.909 $\pm$ 0.009 χ^2 /NDF: 4700386.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 8.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 22.6/17

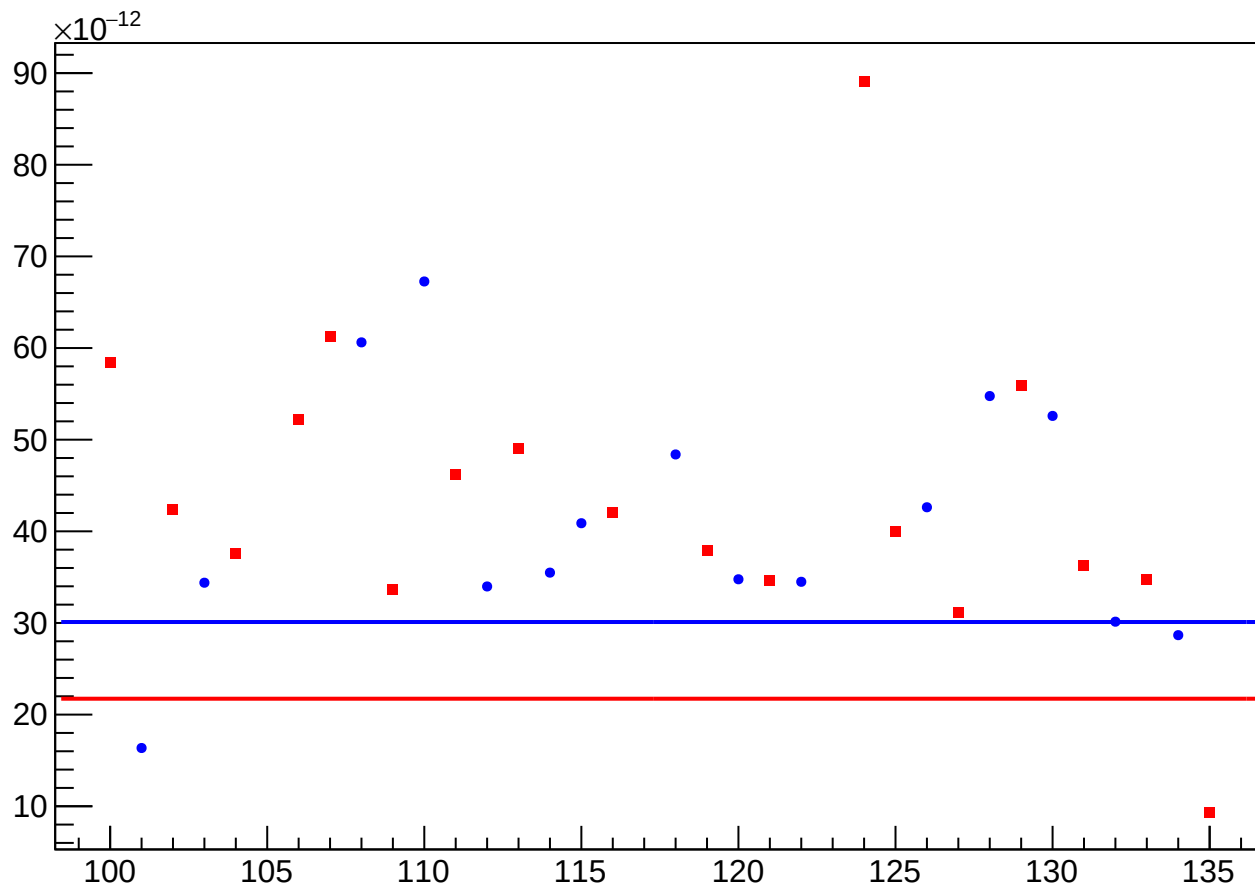
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 37.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_at1_dd_at2_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1212034.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3107811.1/17

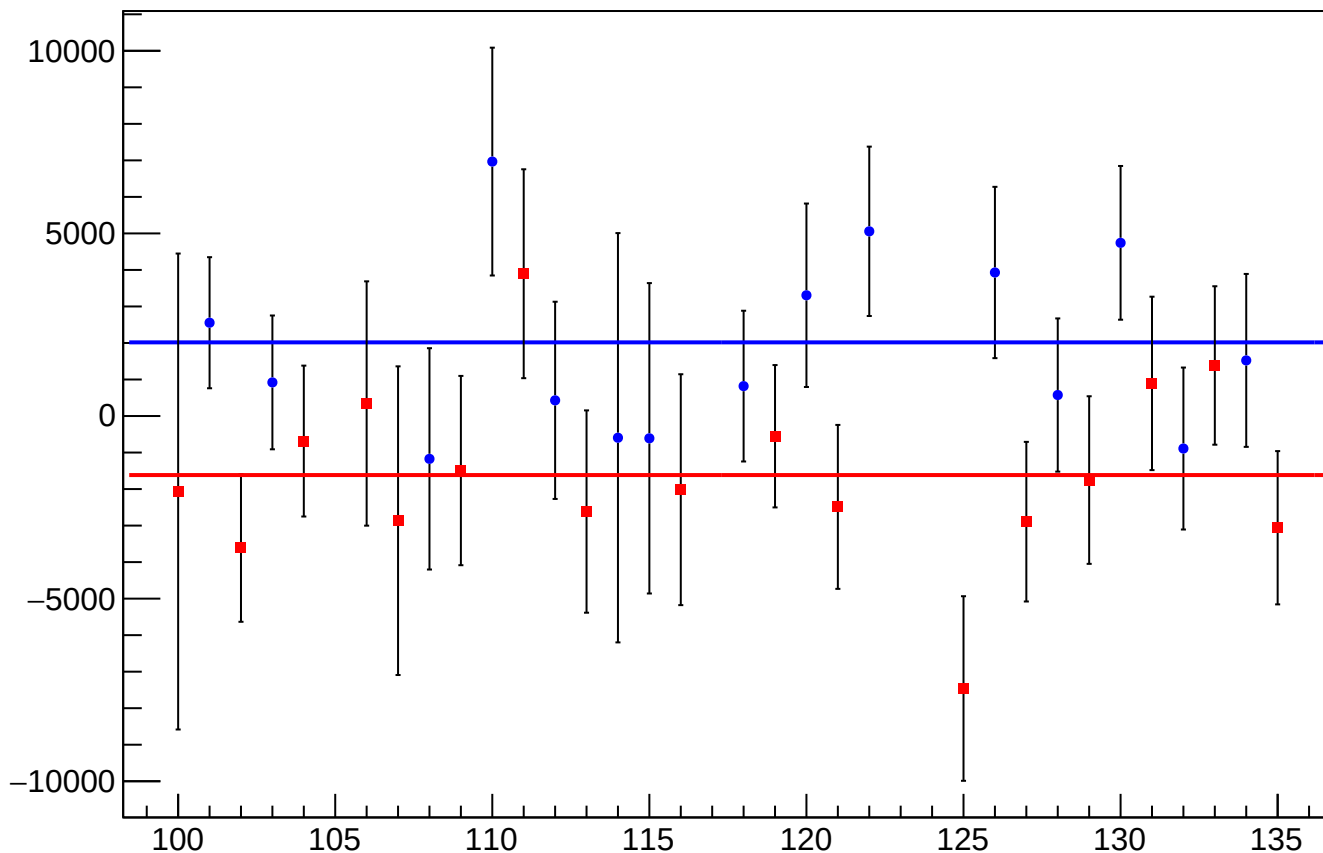
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4643340.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_mean vs Slug



Right In: 2016.828+/-615.398 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1616.426+/-599.324 χ^2/NDF : 15.1/16

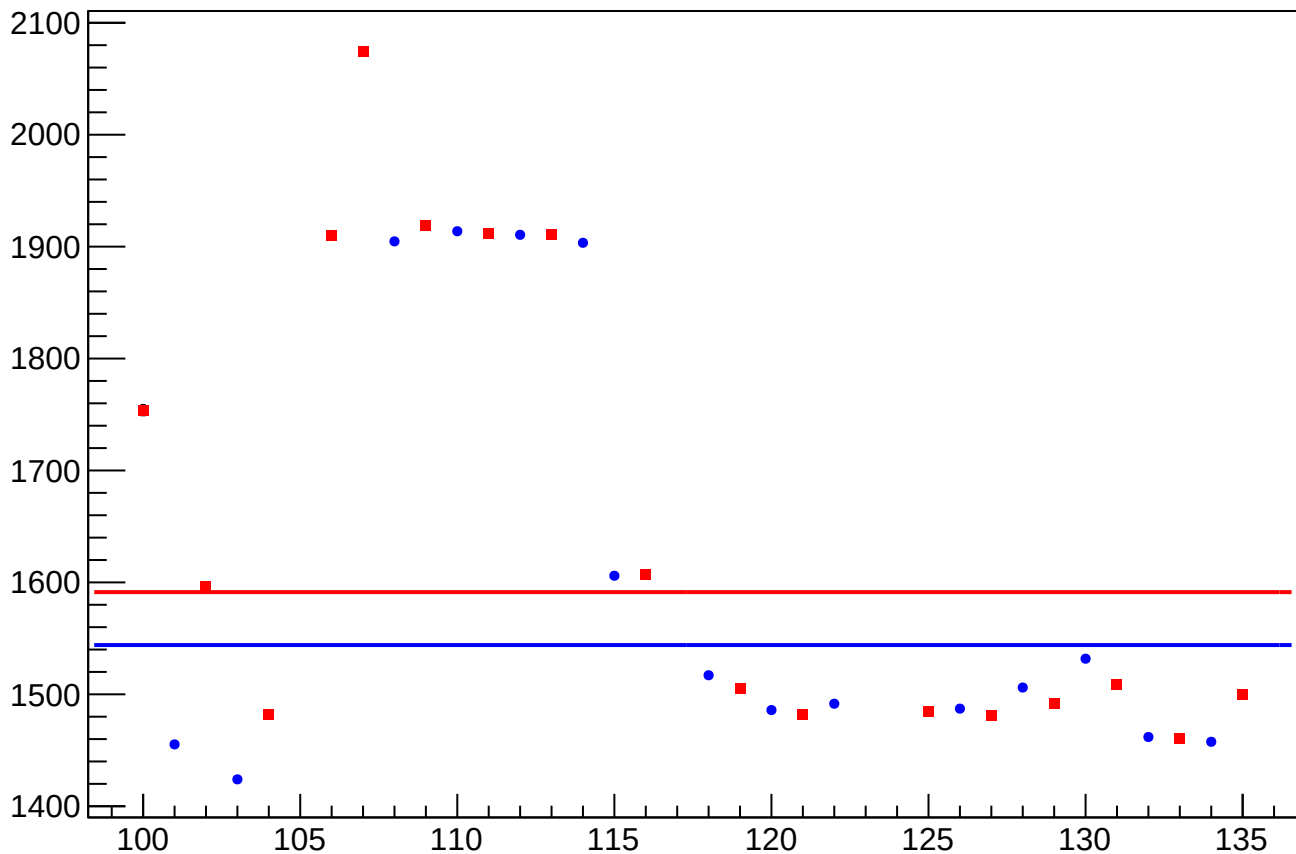
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.130+/-429.356 χ^2/NDF : 44.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_rms vs Slug



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.305+/-0.424 χ^2/NDF : 169453.4/16

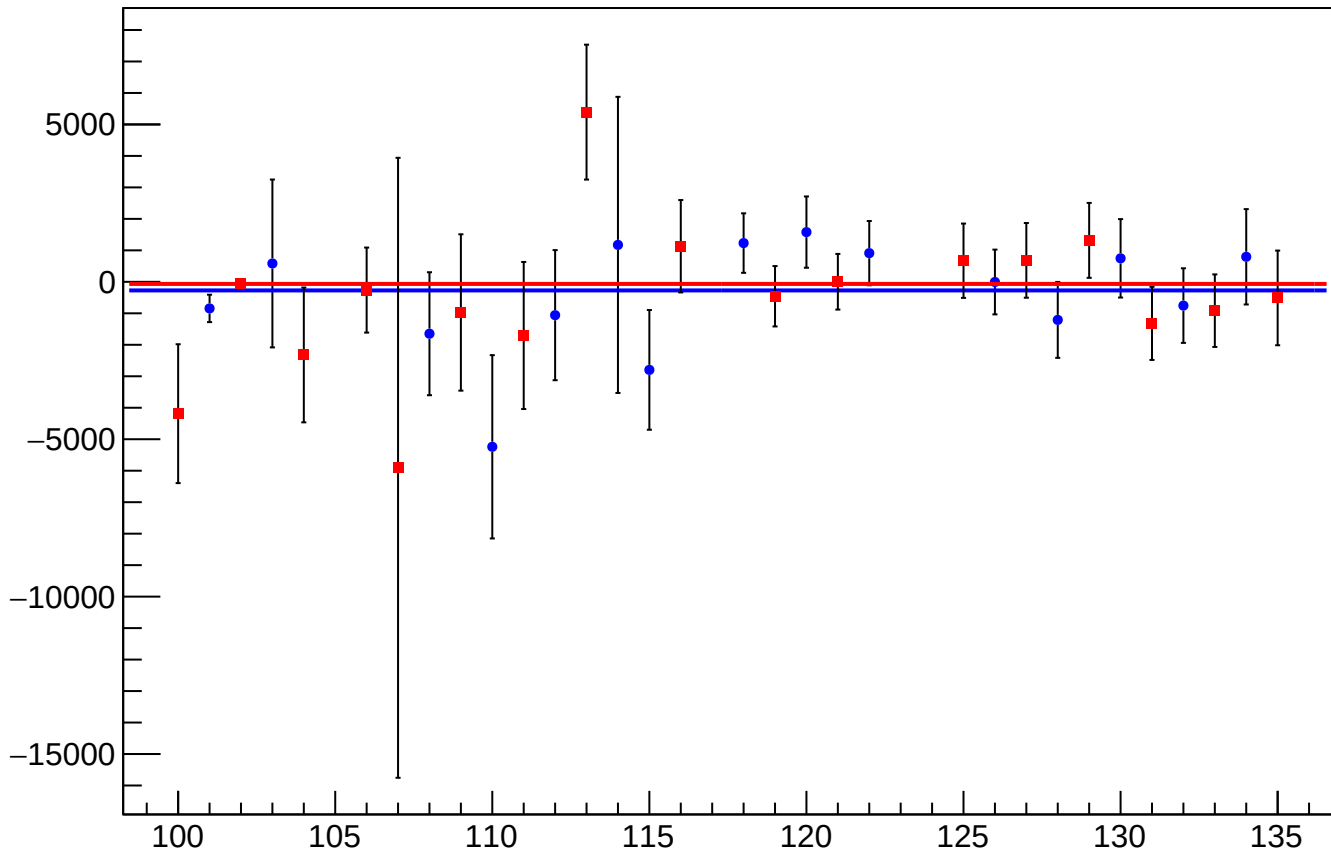
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.288+/-0.304 χ^2/NDF : 300686.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_mean vs Slug



Right In: -272.714+/-281.309 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.326+/-127.873 χ^2/NDF : 16.9/16

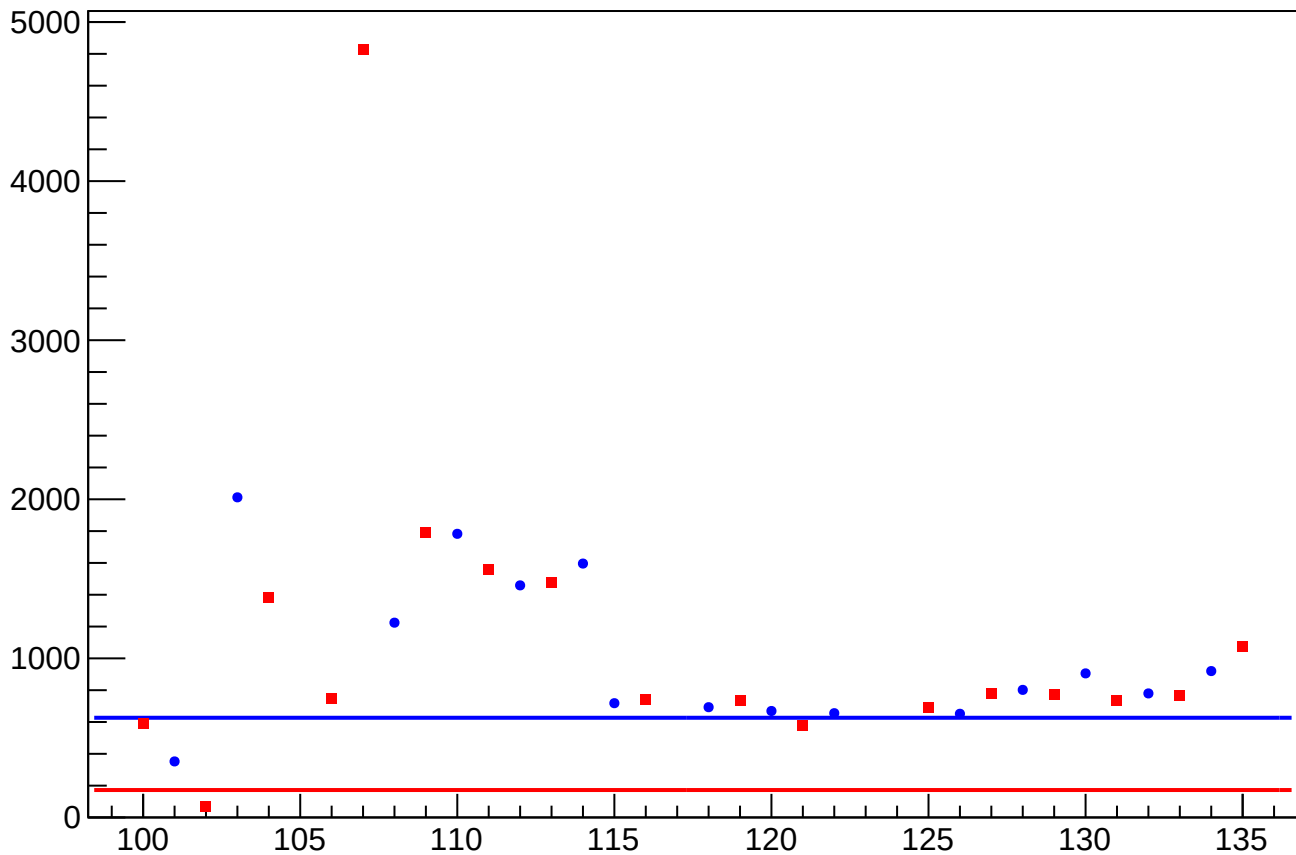
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.669+/-116.410 χ^2/NDF : 33.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_correction_rms vs Slug



Right In: 626.703+/-0.199 χ^2/NDF : 2518051.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.386+/-0.090 χ^2/NDF : 9474558.0/16

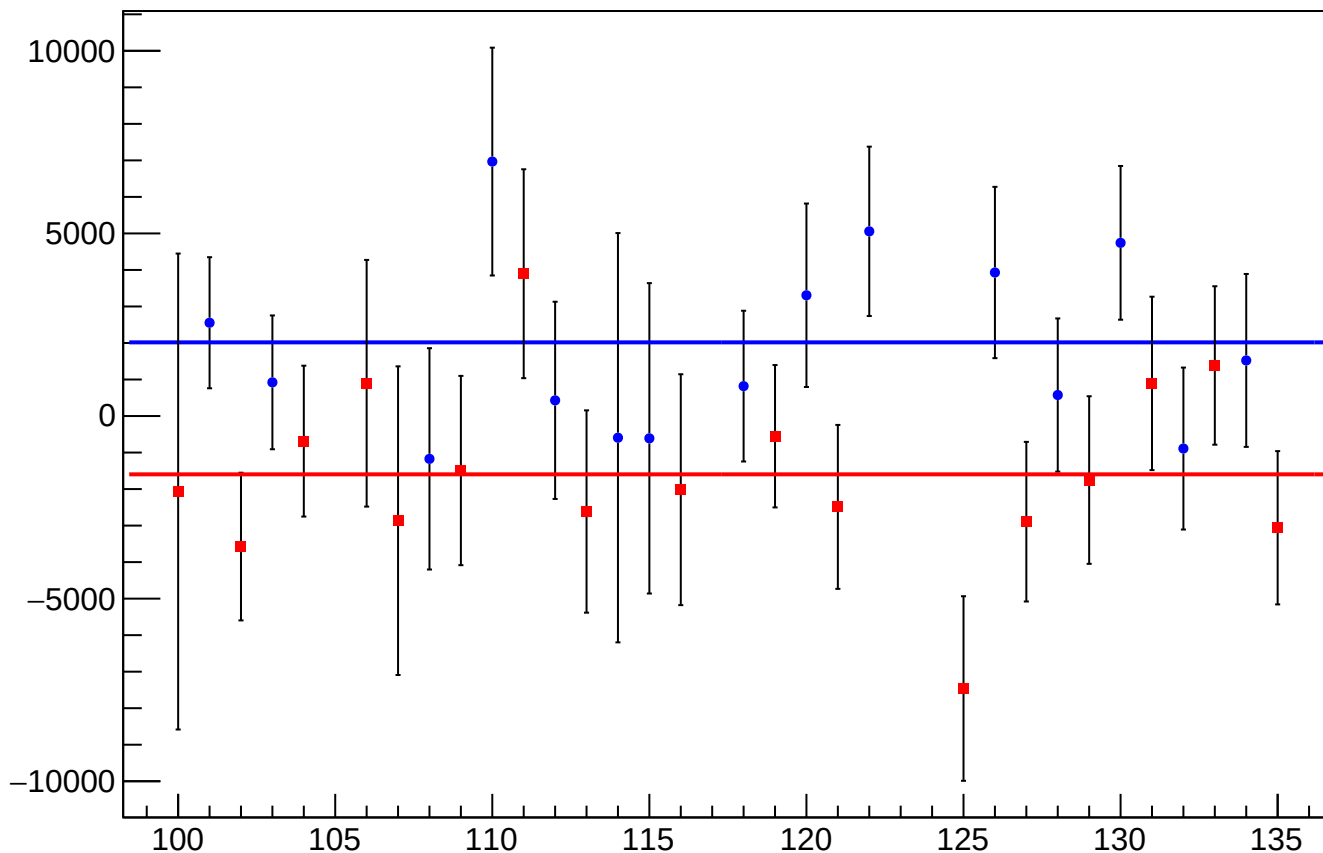
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 250.185+/-0.082 χ^2/NDF : 16315838.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2016.965 $\pm$ 615.399 χ^2 /NDF: 11.9/14

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

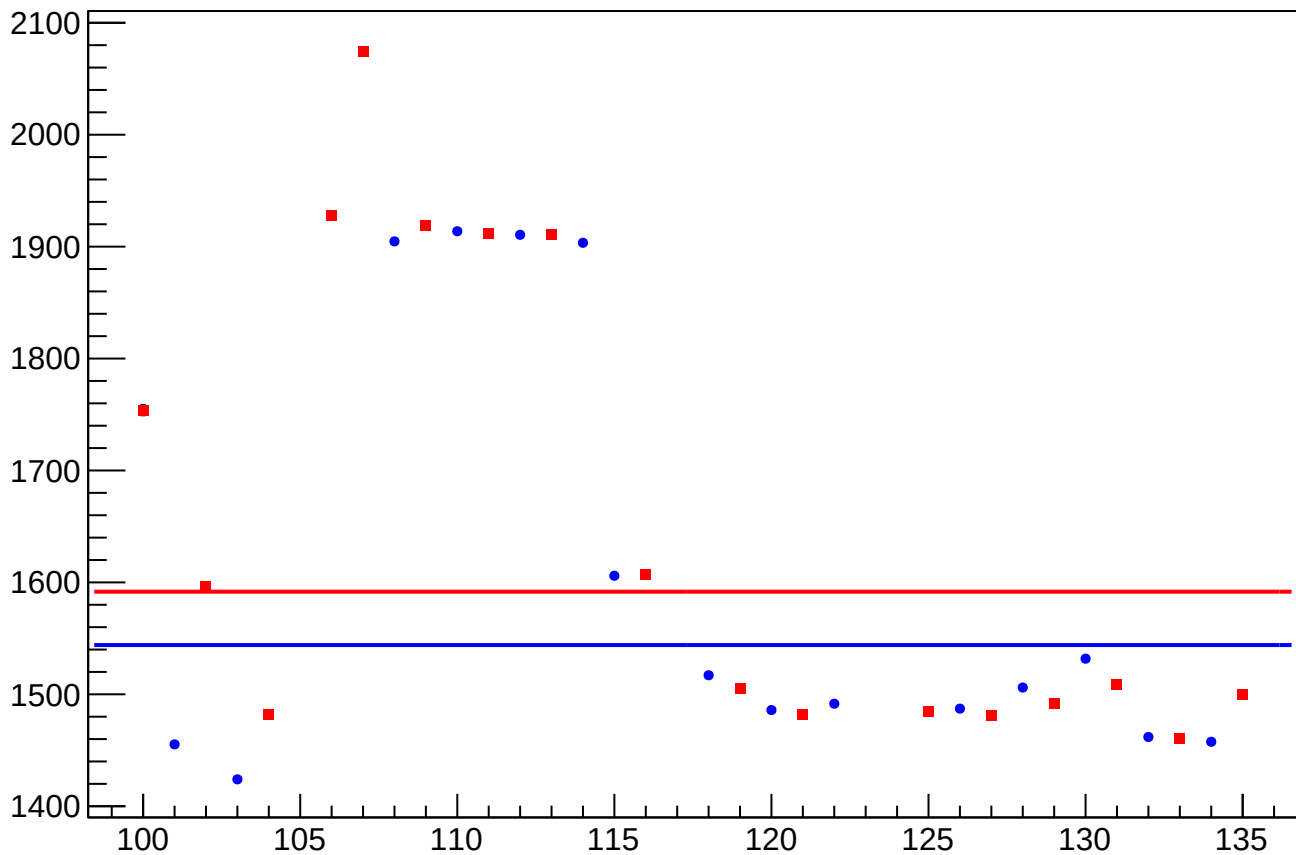
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.853 $\pm$ 429.426 χ^2 /NDF: 44.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.705+/-0.424 χ^2/NDF : 171214.9/16

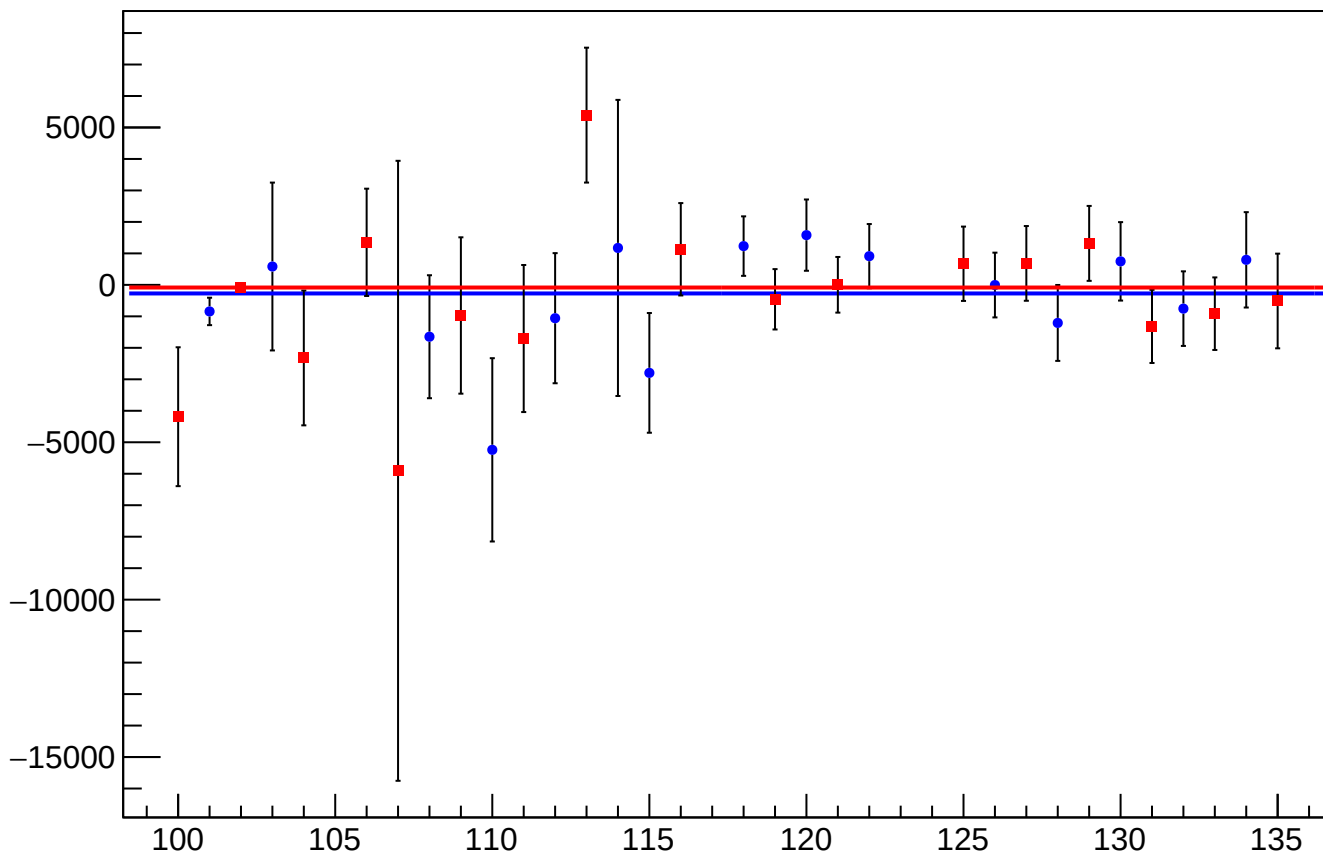
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.486+/-0.304 χ^2/NDF : 302549.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_cor_correction_mean vs Slug



Right In: -272.673+/-281.309 χ^2 /NDF: 15.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -84.242+/-138.355 χ^2 /NDF: 17.6/16

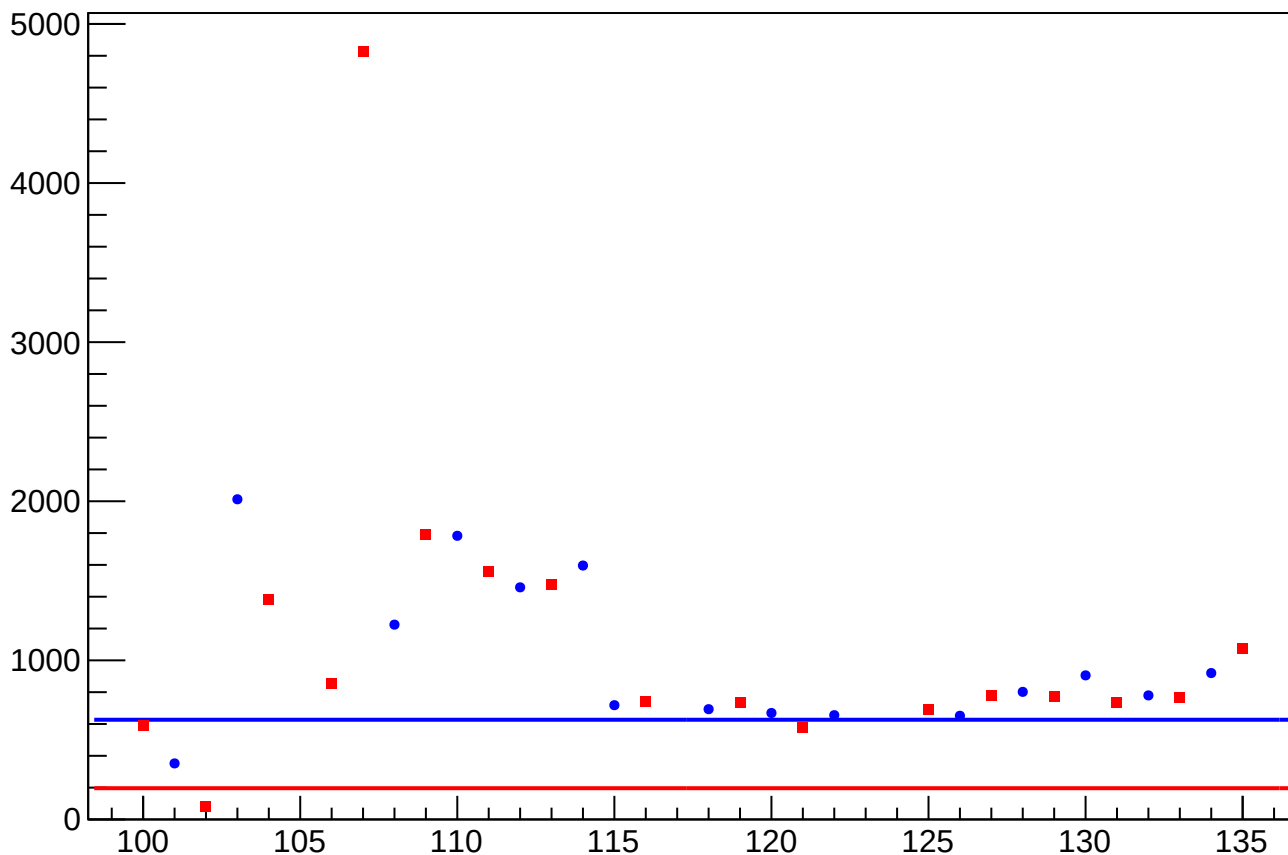
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.944+/-124.152 χ^2 /NDF: 33.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_cor_correction_rms vs Slug



Right In: 626.701+/-0.199 χ^2/NDF : 2518080.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.479+/-0.098 χ^2/NDF : 9012861.4/16

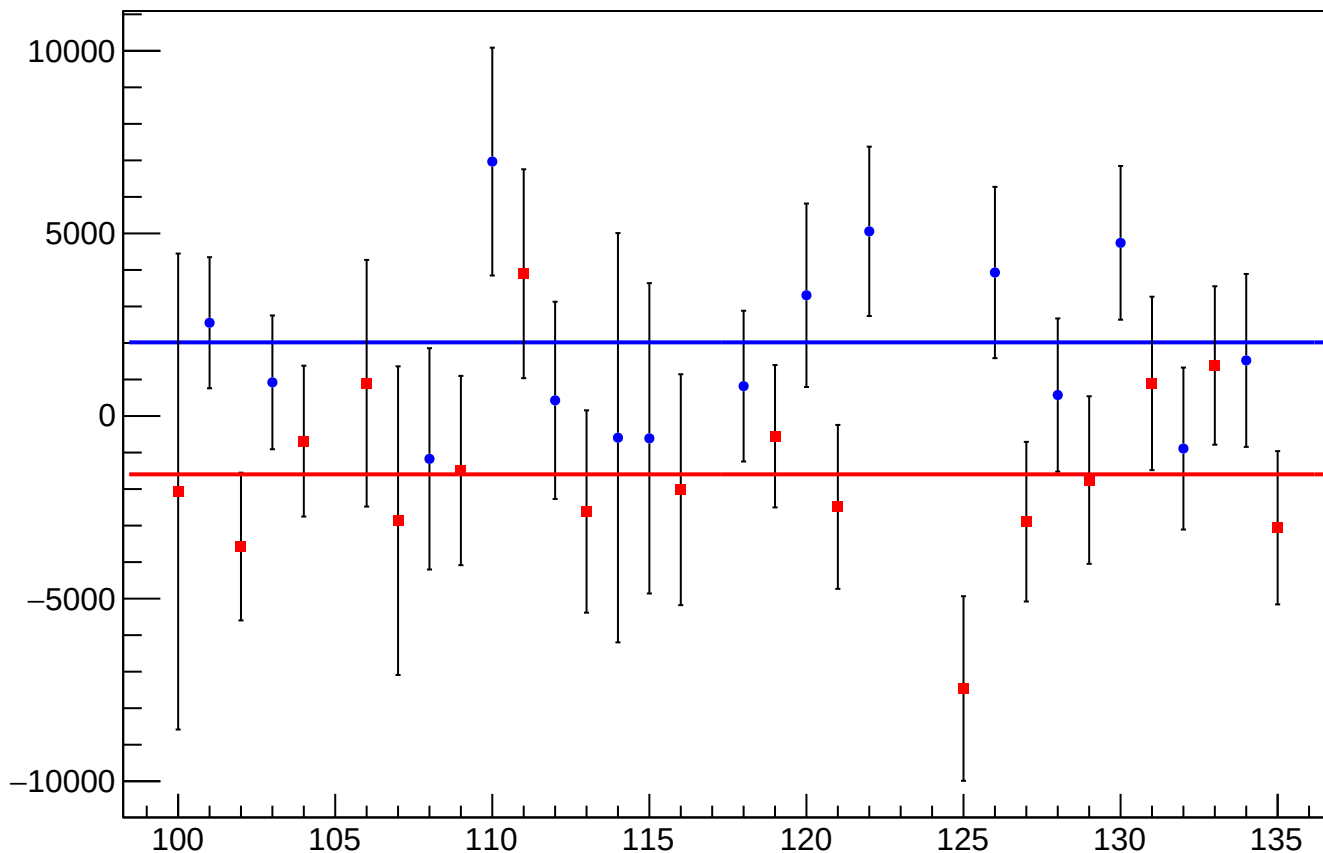
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.277+/-0.088 χ^2/NDF : 15297665.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_avg_mean vs Slug



Right In: 2016.965 $\pm$ 615.399 χ^2 /NDF: 11.9/14

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

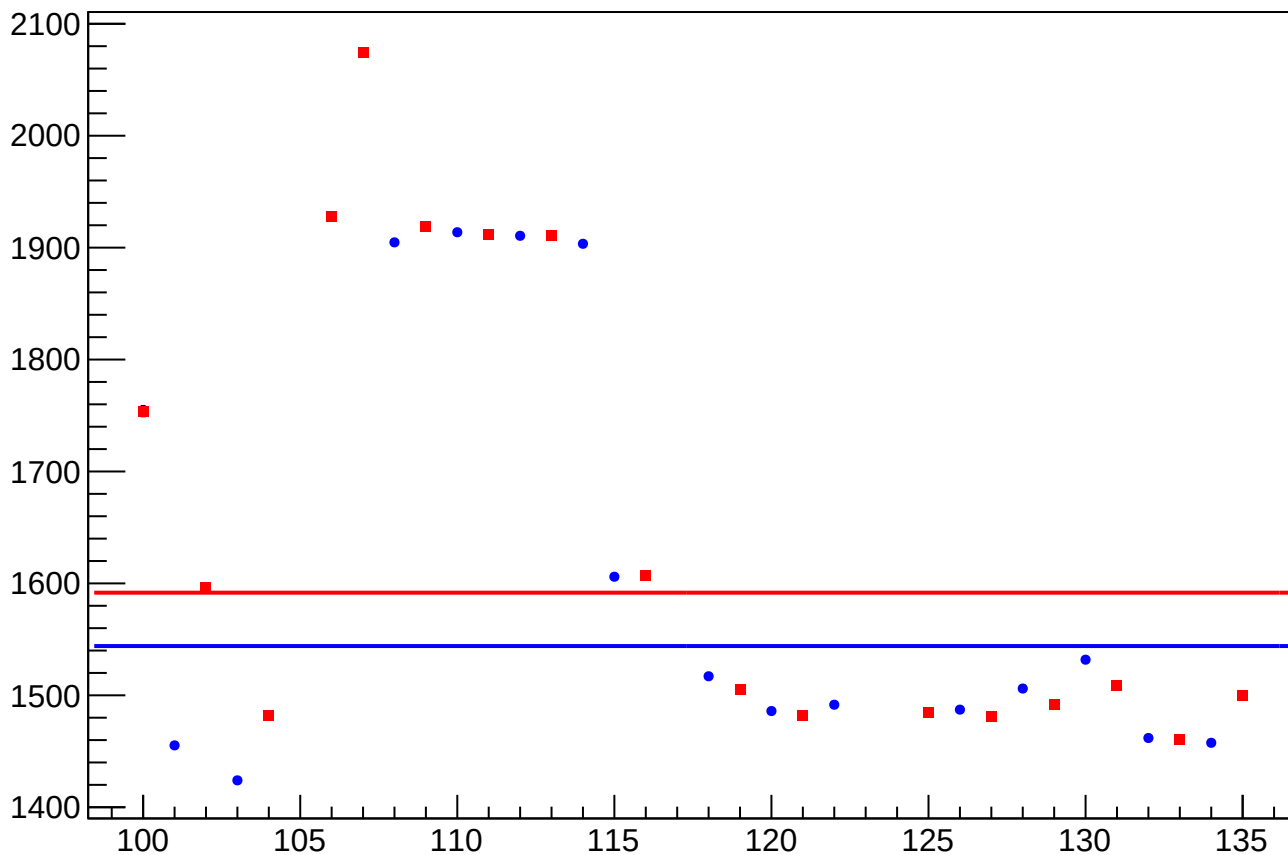
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 162.853 $\pm$ 429.426 χ^2 /NDF: 44.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_avg_rms vs Slug



Right In: 1544.019+/-0.435 χ^2/NDF : 125172.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1591.705+/-0.424 χ^2/NDF : 171214.9/16

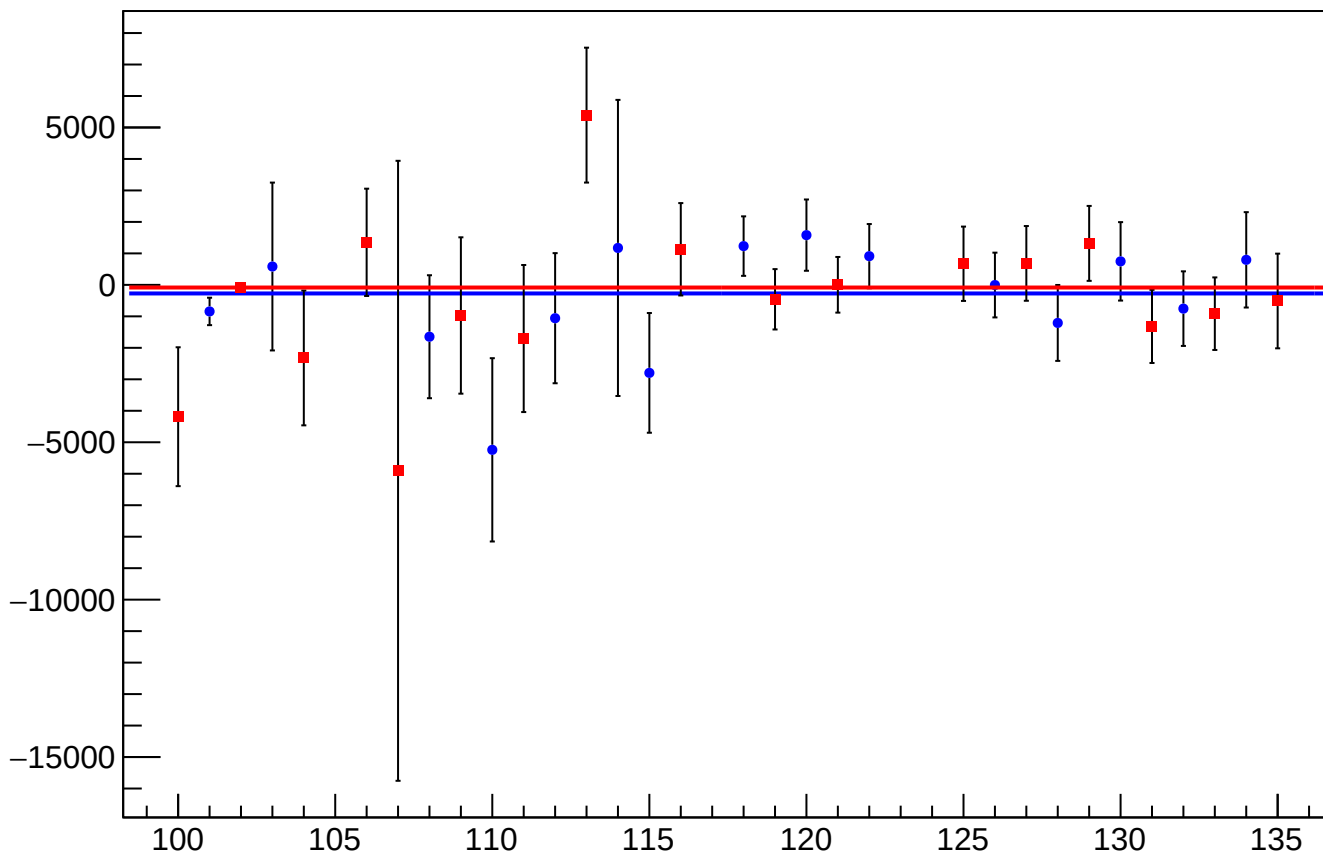
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1568.486+/-0.304 χ^2/NDF : 302549.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_mean vs Slug



Right In: -272.673+/-281.309 χ^2 /NDF: 15.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -84.242+/-138.355 χ^2 /NDF: 17.6/16

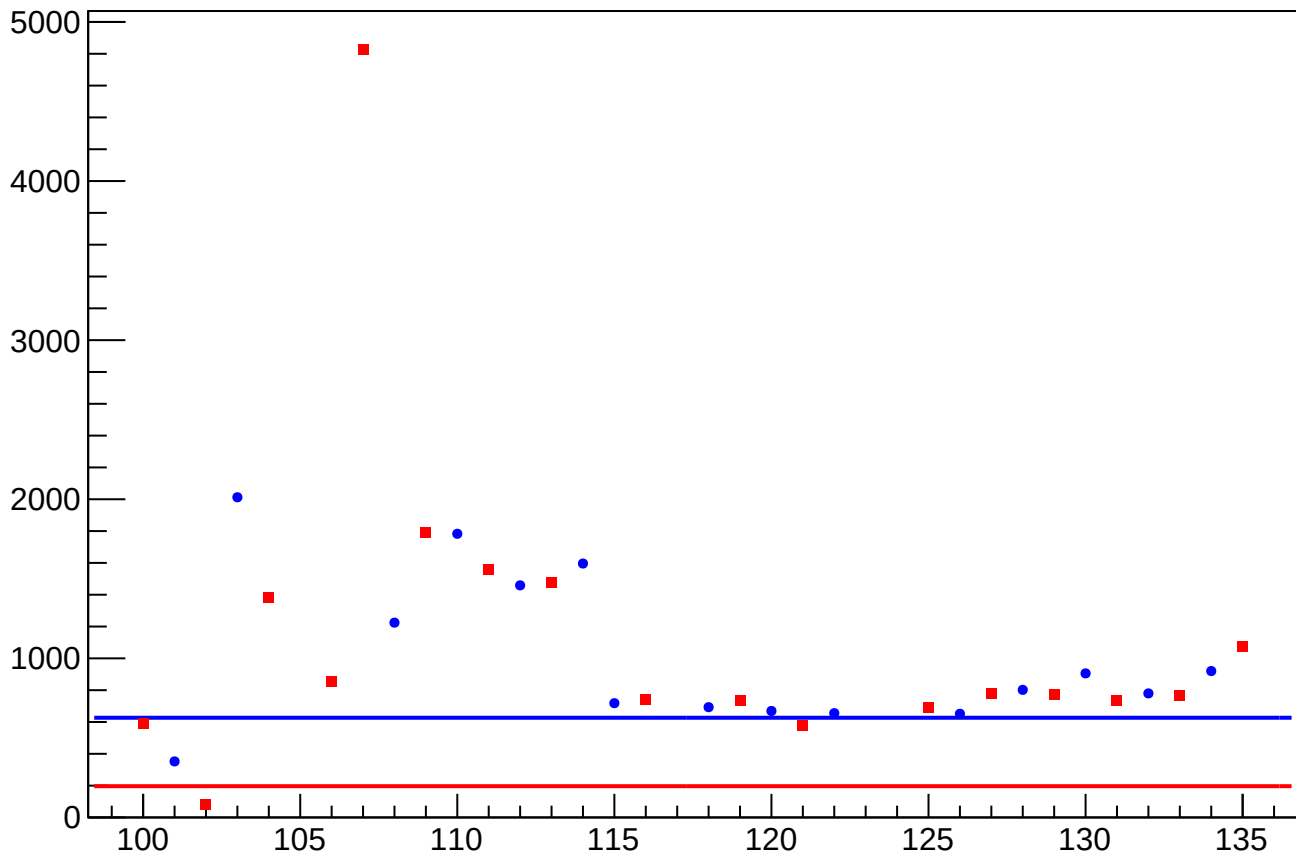
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.944+/-124.152 χ^2 /NDF: 33.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_correction_rms vs Slug



Right In: 626.701+/-0.199 χ^2/NDF : 2518080.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 196.479+/-0.098 χ^2/NDF : 9012861.4/16

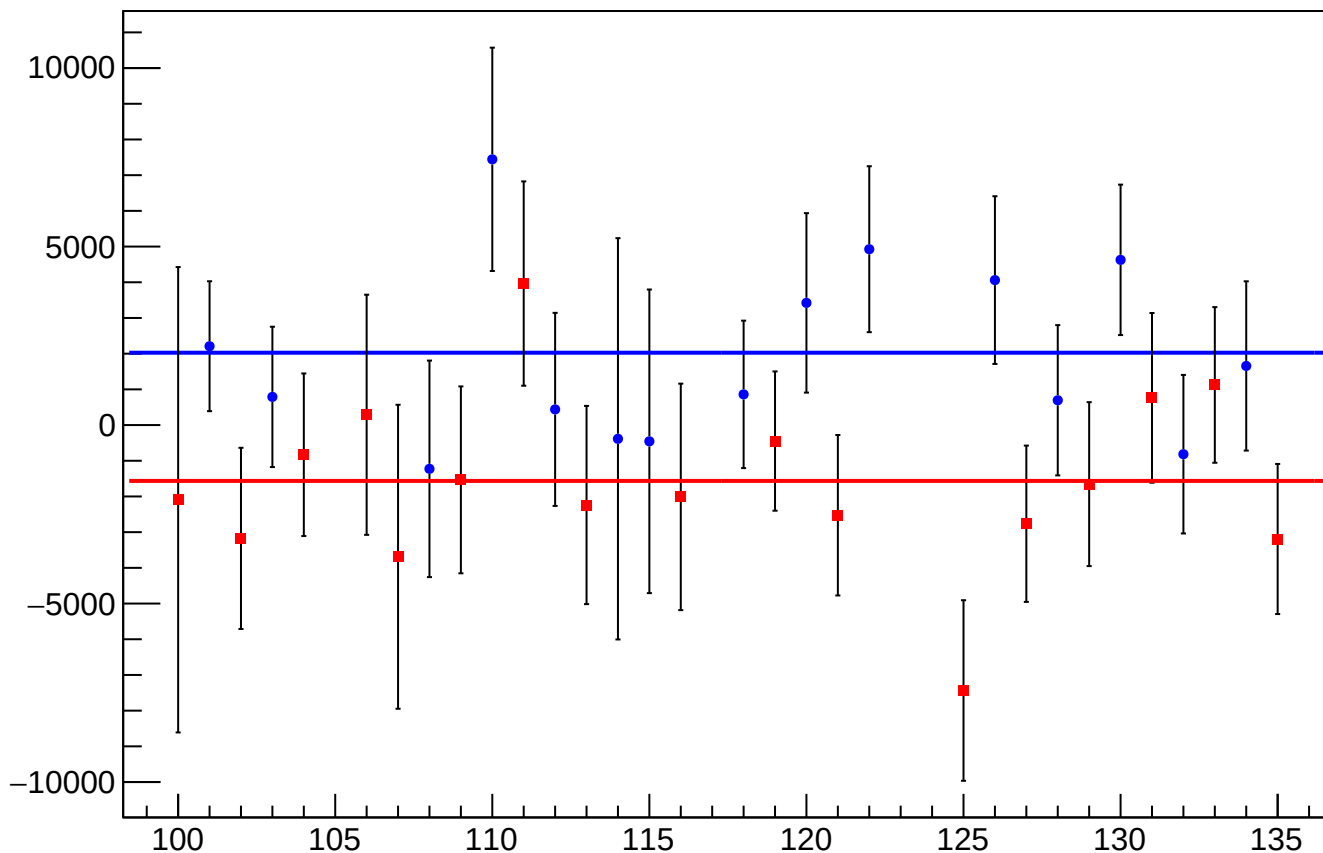
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 280.277+/-0.088 χ^2/NDF : 15297665.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2026.567 $\pm$ 621.825 χ^2 /NDF: 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1564.482 $\pm$ 615.308 χ^2 /NDF: 14.2/16

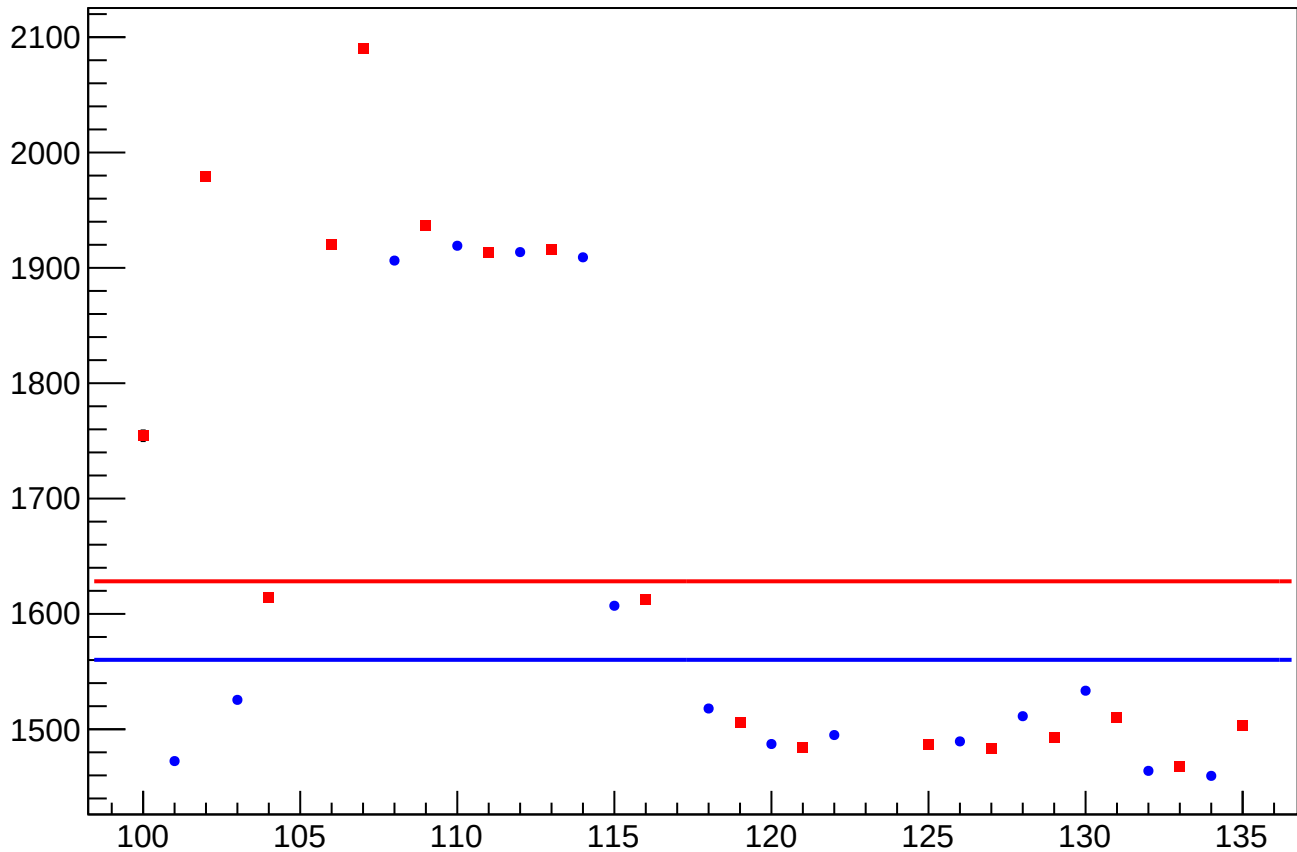
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 212.126 $\pm$ 437.375 χ^2 /NDF: 43.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1560.189+/-0.440 χ^2/NDF : 114458.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1628.267+/-0.435 χ^2/NDF : 207719.8/16

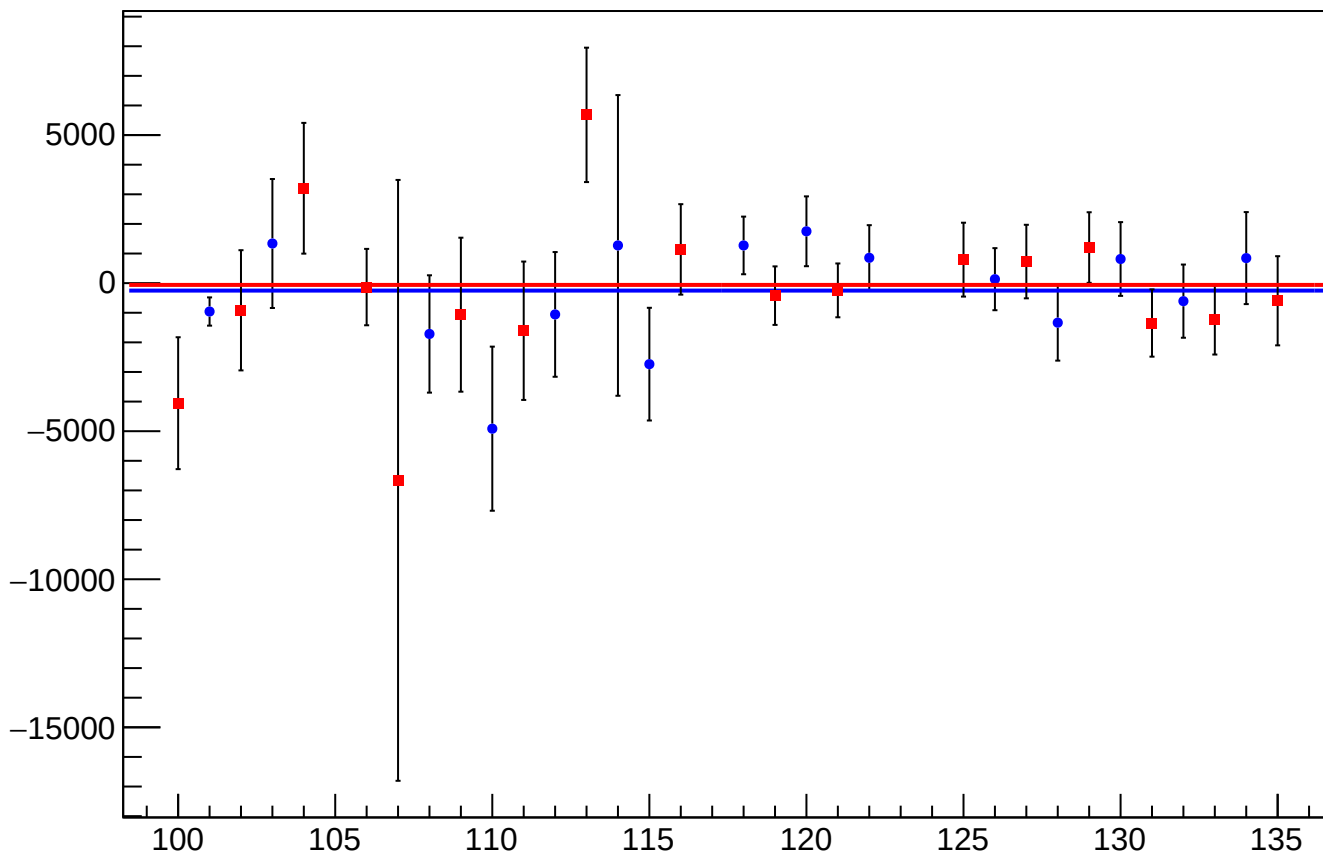
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1594.586+/-0.309 χ^2/NDF : 334290.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_mean vs Slug



Right In: -251.697+/-296.650 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.875+/-345.204 χ^2/NDF : 18.2/16

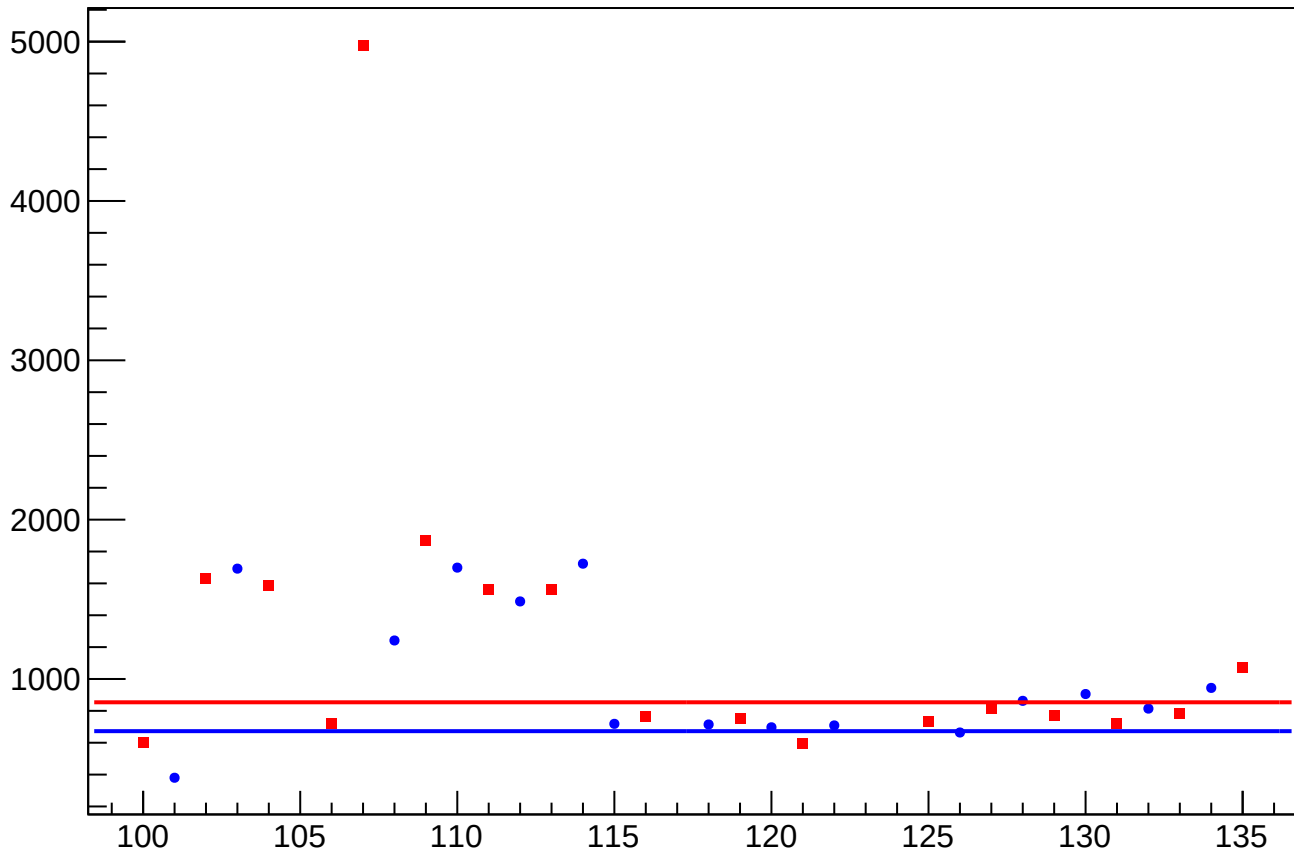
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.214+/-224.988 χ^2/NDF : 35.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_correction_rms vs Slug



Right In: 672.580+/-0.210 χ^2/NDF : 2223928.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

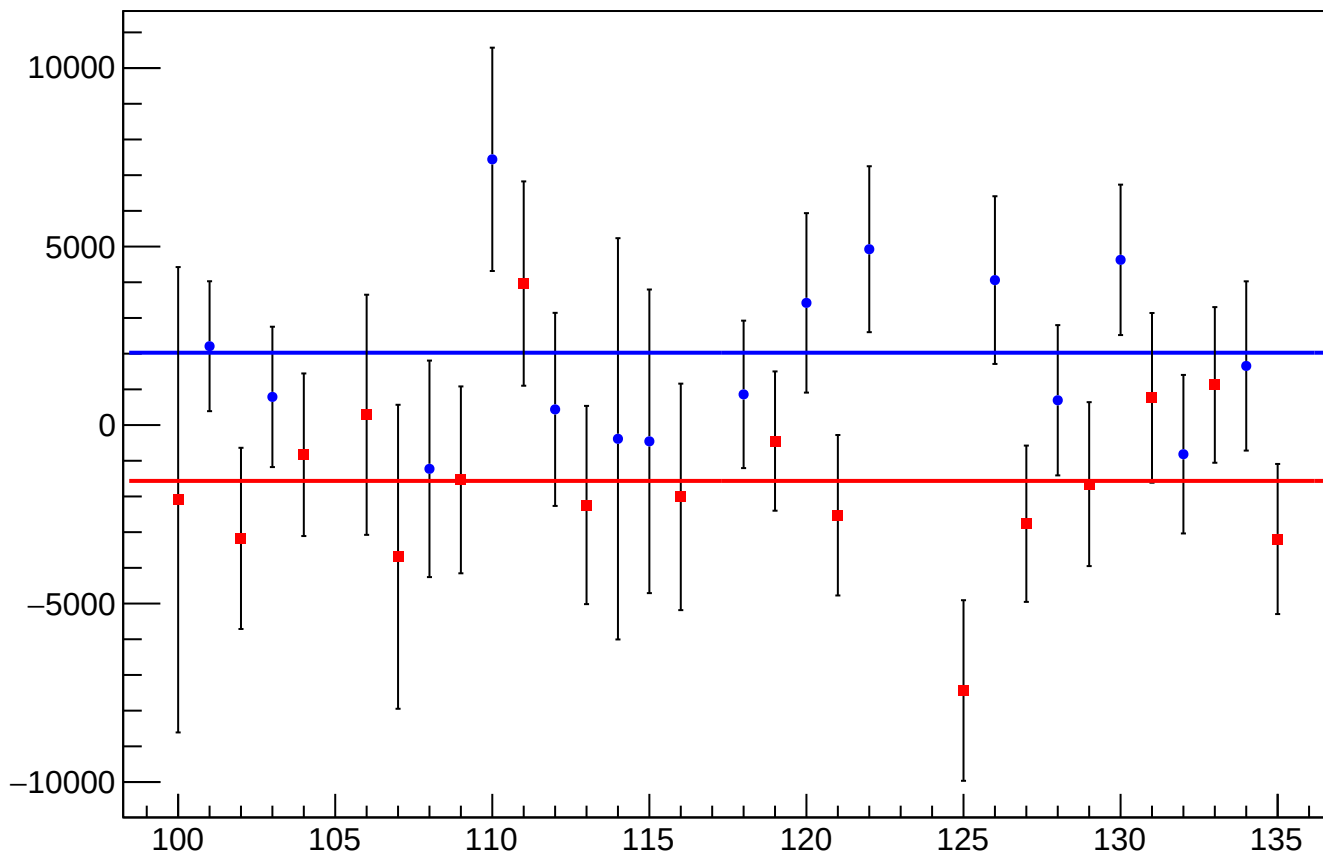
Right Out: 853.737+/-0.244 χ^2/NDF : 1866946.8/16

All: 749.533+/-0.159 χ^2/NDF : 4407698.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_mean vs Slug



Right In: 2026.565+/-621.825 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1564.480+/-615.308 χ^2/NDF : 14.2/16

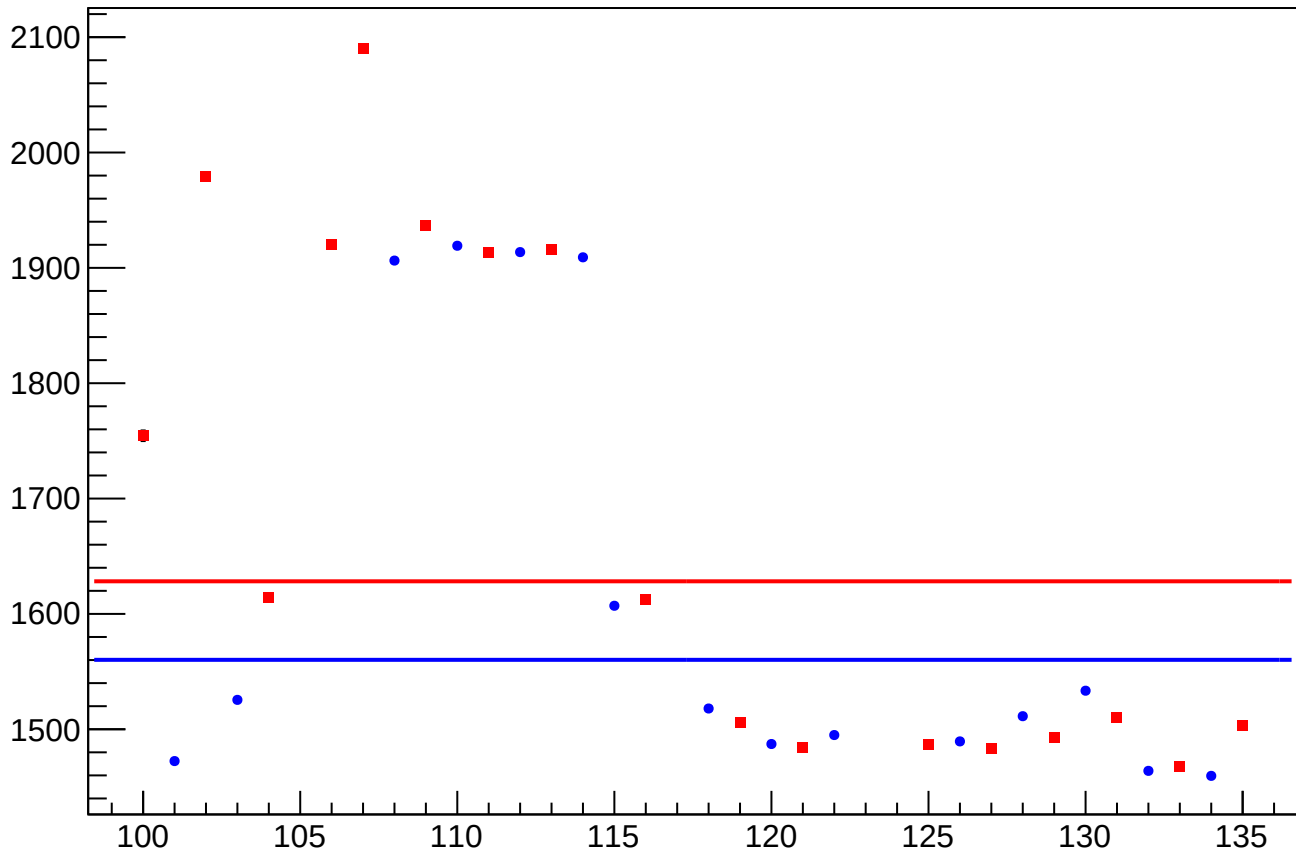
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 212.127+/-437.374 χ^2/NDF : 43.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_avg_rms vs Slug



Right In: 1560.189 $\pm$ 0.440 χ^2 /NDF: 114458.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1628.266 $\pm$ 0.435 χ^2 /NDF: 207719.6/16

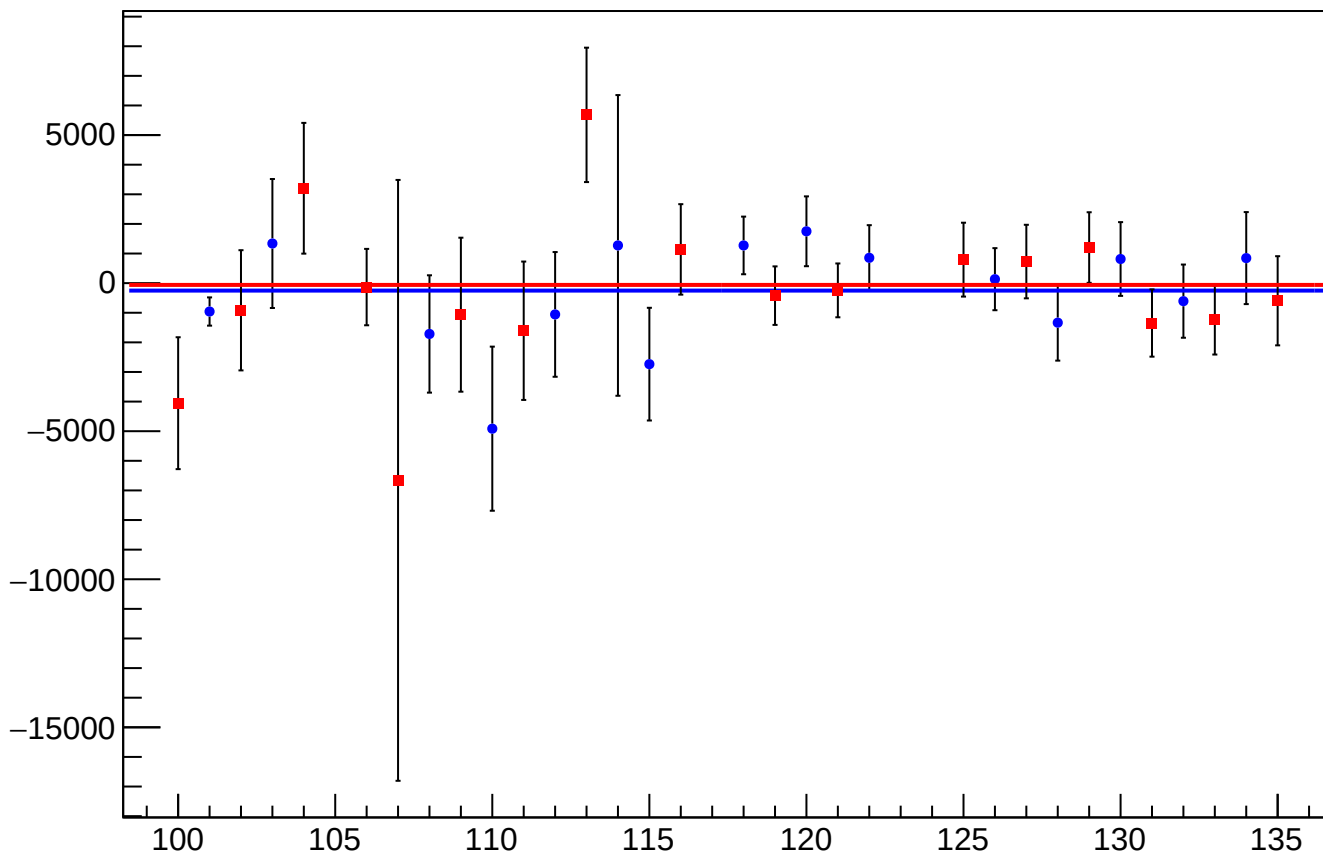
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1594.586 $\pm$ 0.309 χ^2 /NDF: 334290.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_mean vs Slug



Right In: -251.696+/-296.650 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -59.875+/-345.203 χ^2/NDF : 18.2/16

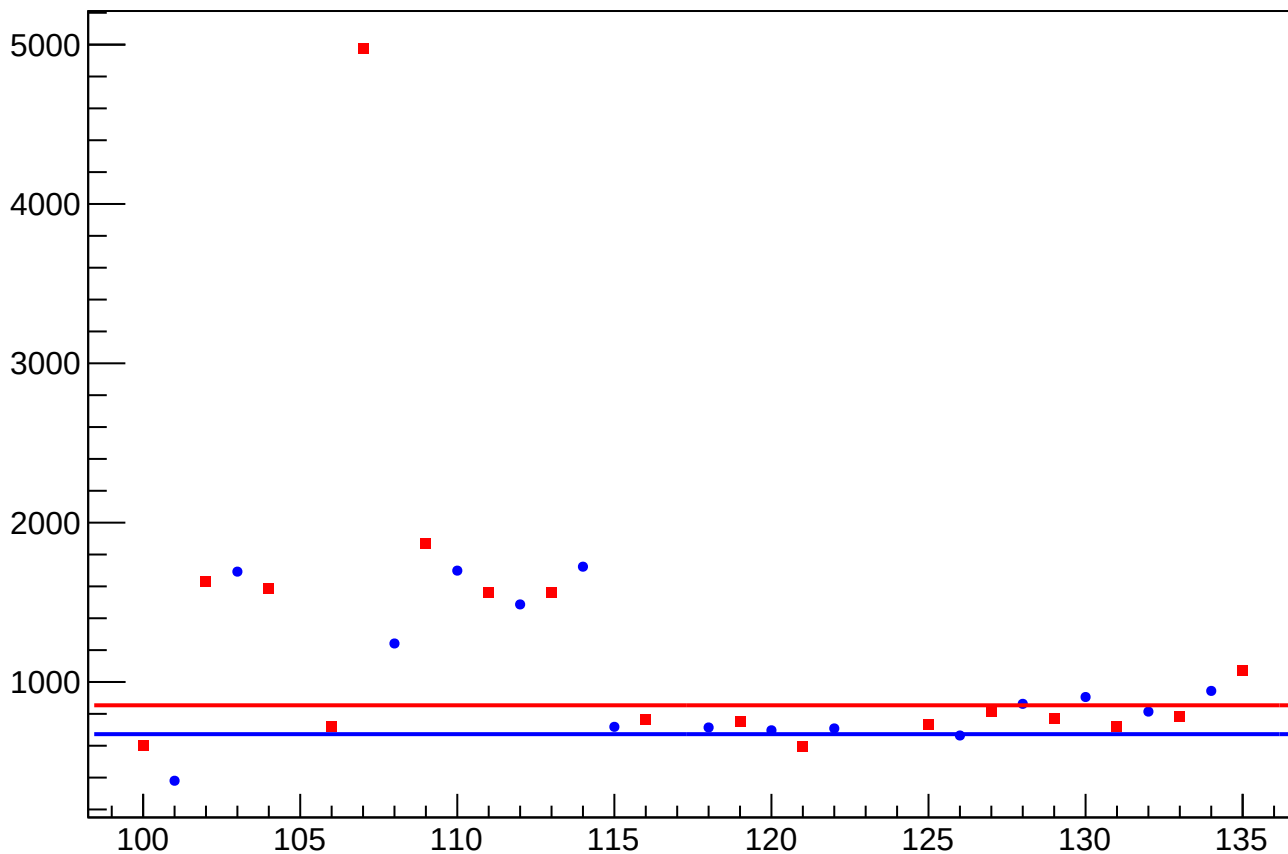
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -170.213+/-224.988 χ^2/NDF : 35.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_correction_rms vs Slug



Right In: 672.580+/-0.210 χ^2/NDF : 2223919.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 853.735+/-0.244 χ^2/NDF : 1866955.9/16

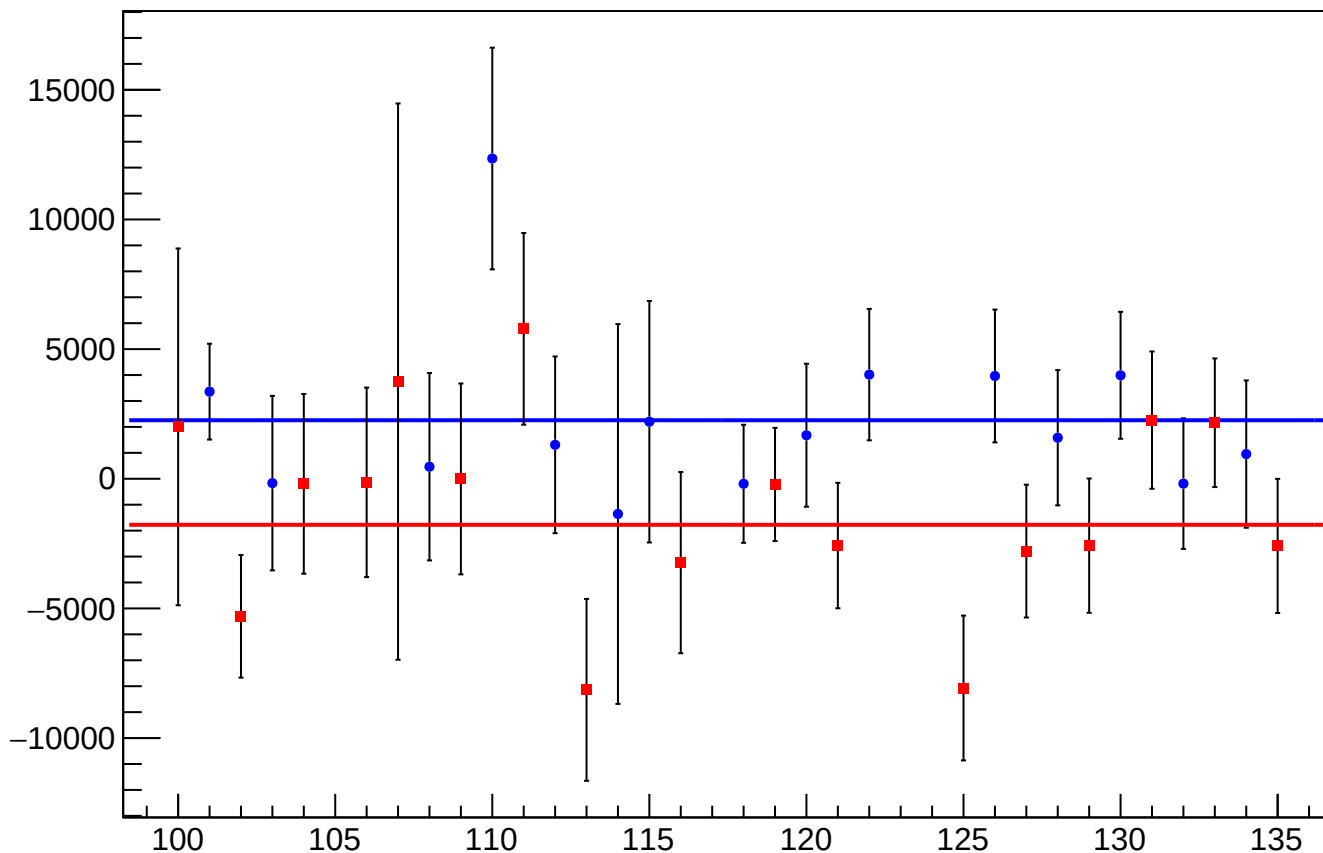
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 749.532+/-0.159 χ^2/NDF : 4407694.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_mean vs Slug



Right In: 2256.896 $\pm$ 727.162 χ^2 /NDF: 10.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1775.440 $\pm$ 717.544 χ^2 /NDF: 22.0/16

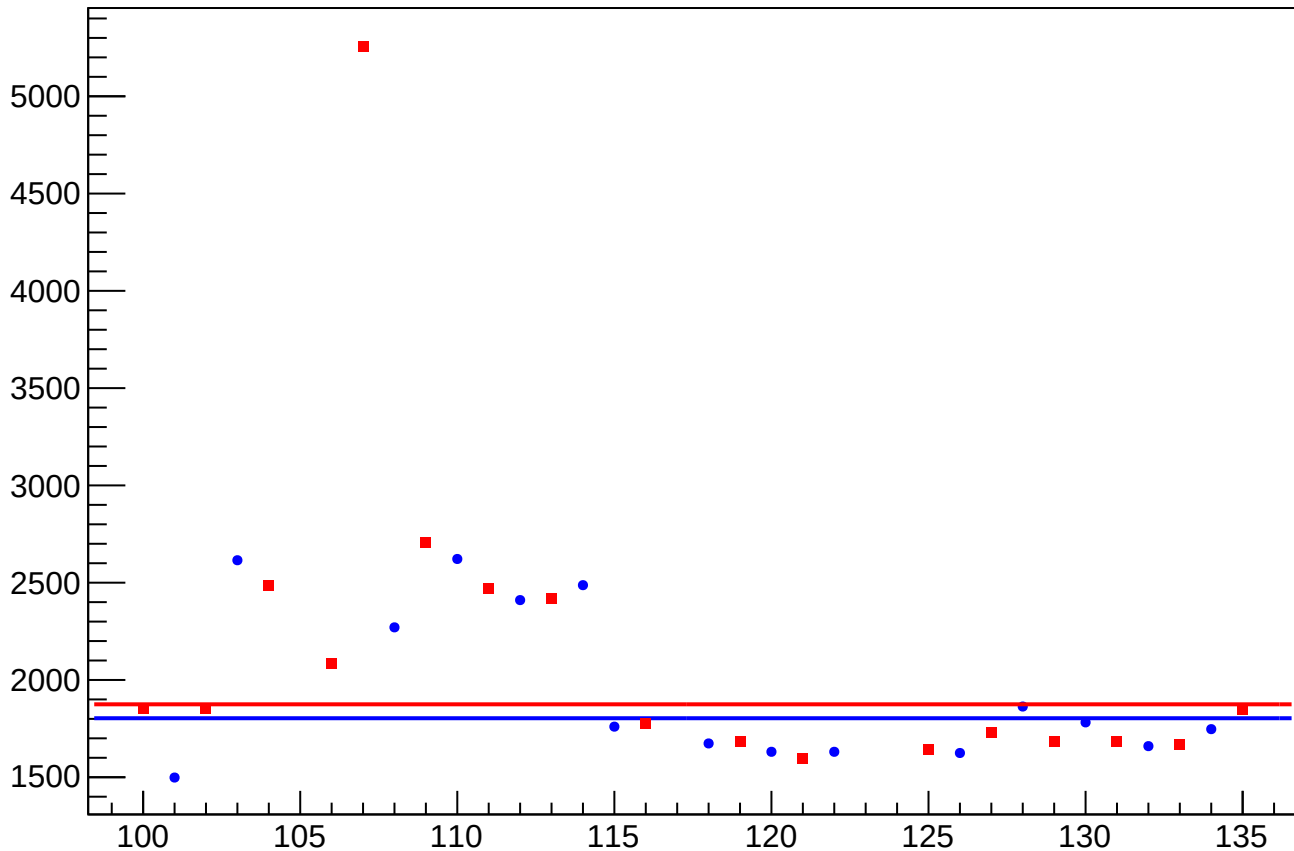
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 213.886 $\pm$ 510.747 χ^2 /NDF: 48.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_rms vs Slug



Right In: 1803.323+/-0.514 χ^2/NDF : 400607.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1874.848+/-0.507 χ^2/NDF : 569809.6/16

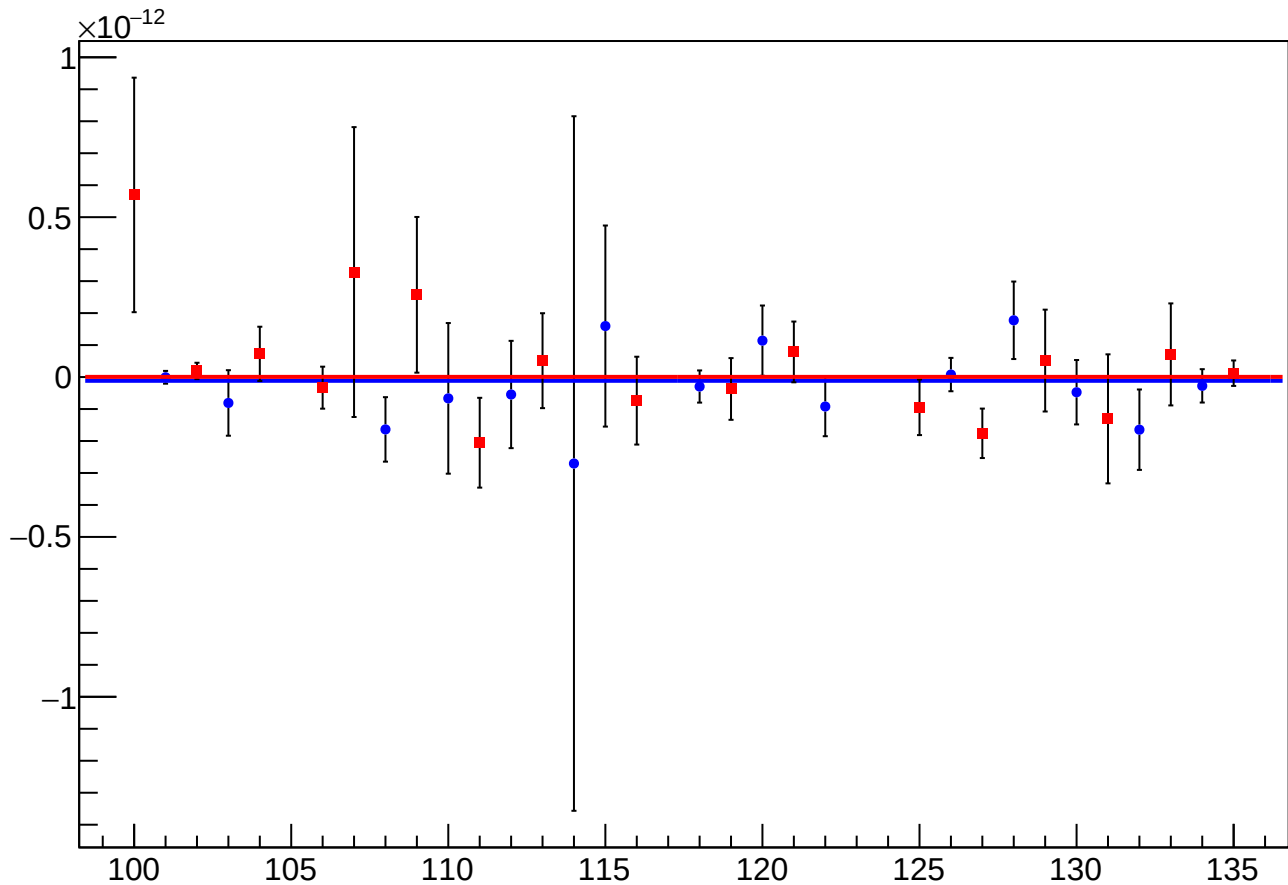
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1839.562+/-0.361 χ^2/NDF : 980221.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.2/16

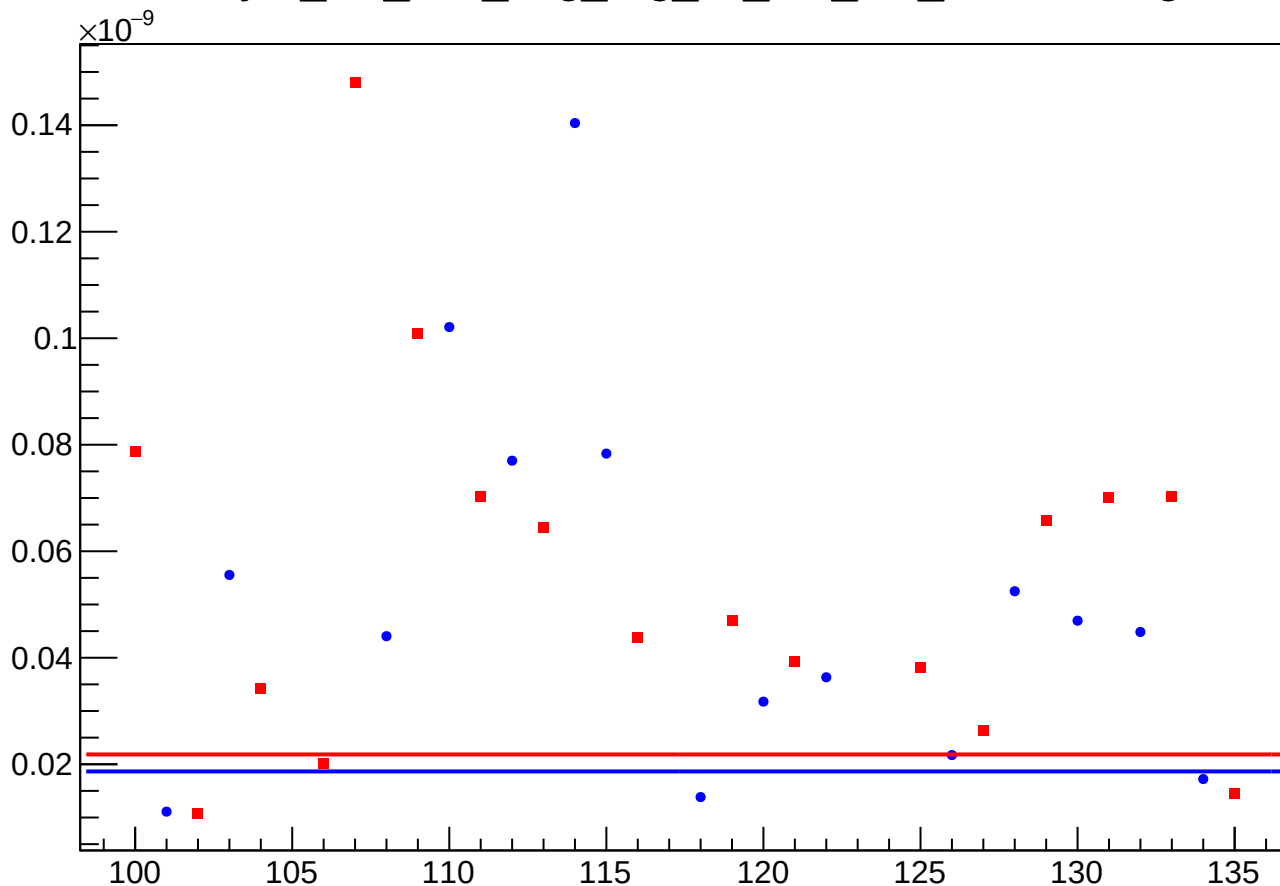
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1790089.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2089734.5/16

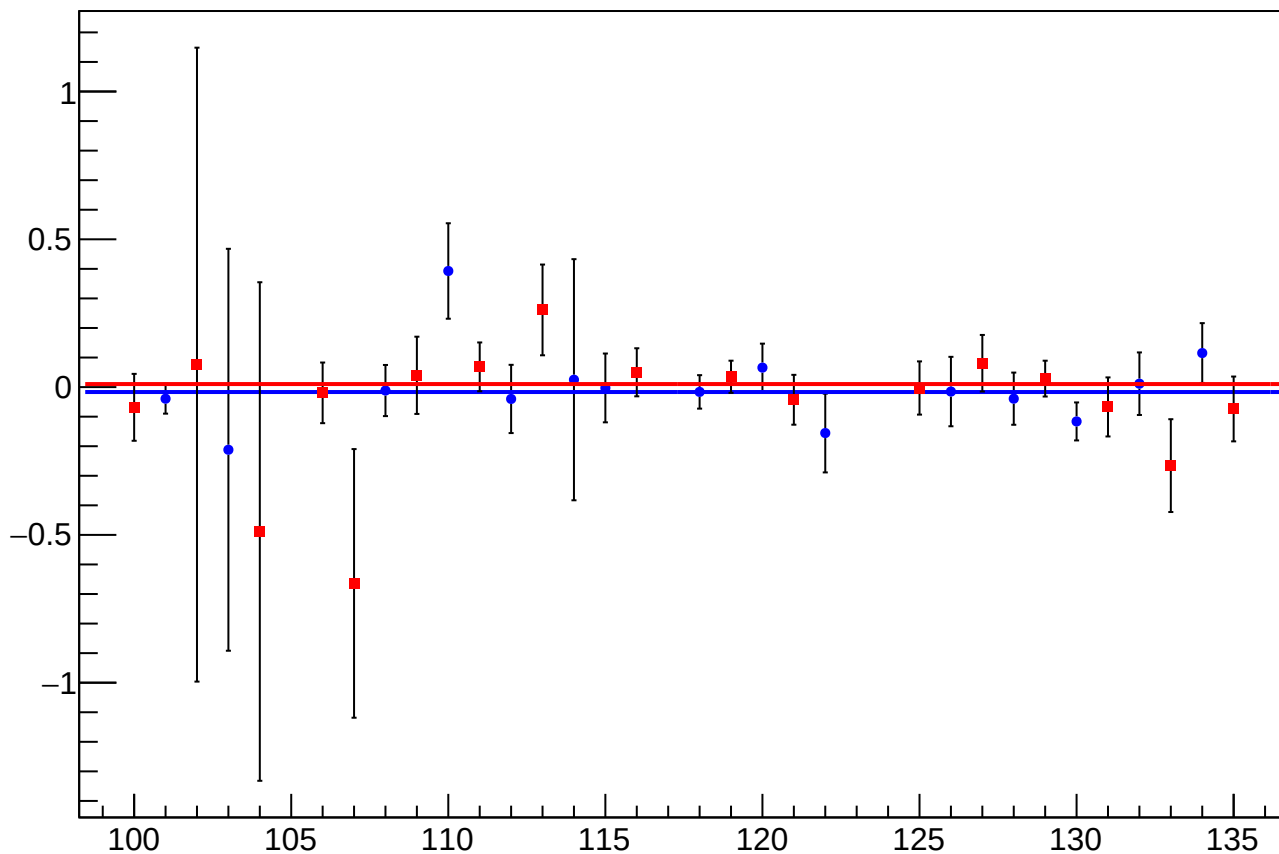
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3918137.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.017 ± 0.023 $\chi^2/\text{NDF}: 13.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.010 ± 0.024 $\chi^2/\text{NDF}: 12.1/16$

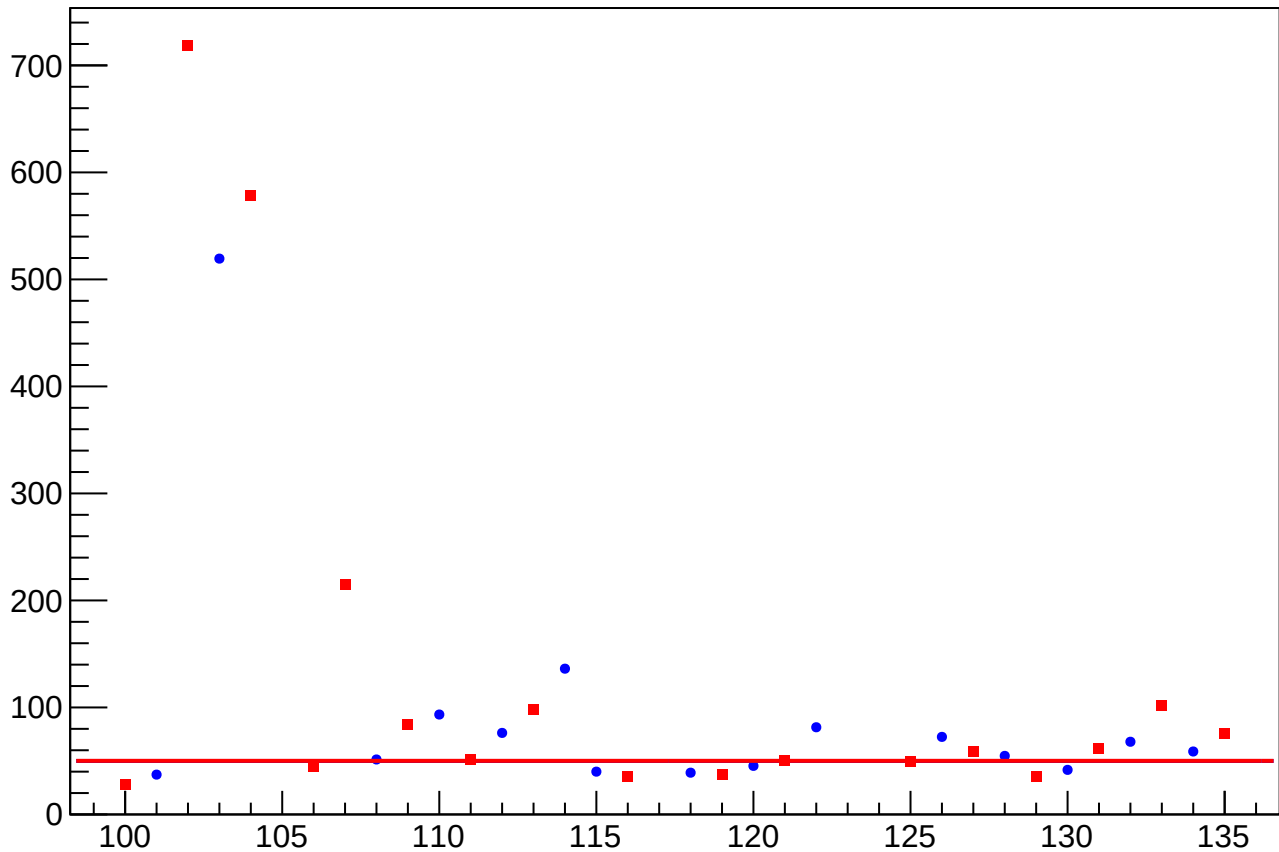
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.003 ± 0.017 $\chi^2/\text{NDF}: 25.9/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_usl_atl1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.097+/-0.017 χ^2/NDF : 2889169.9/16

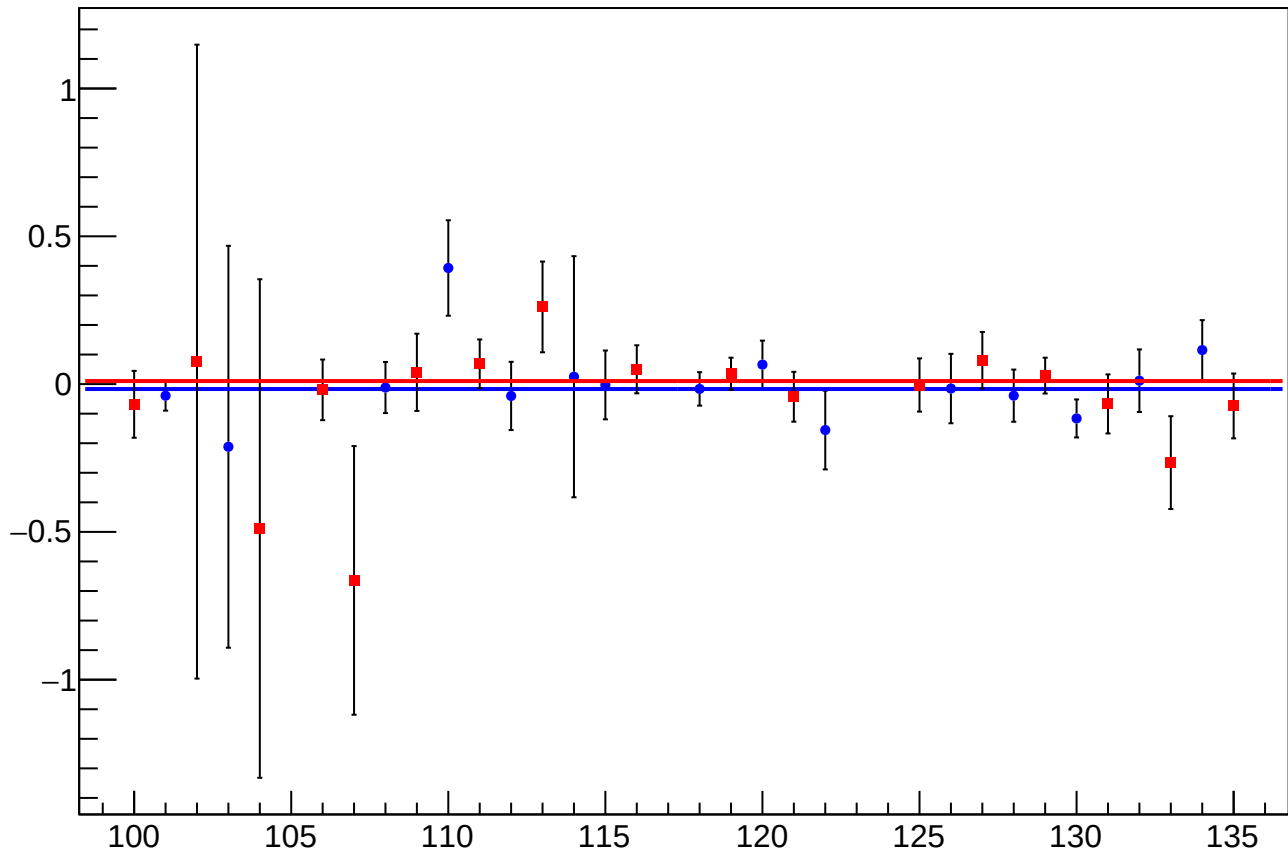
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.032+/-0.012 χ^2/NDF : 4701134.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017 ± 0.023 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.024 χ^2/NDF : 12.1/16

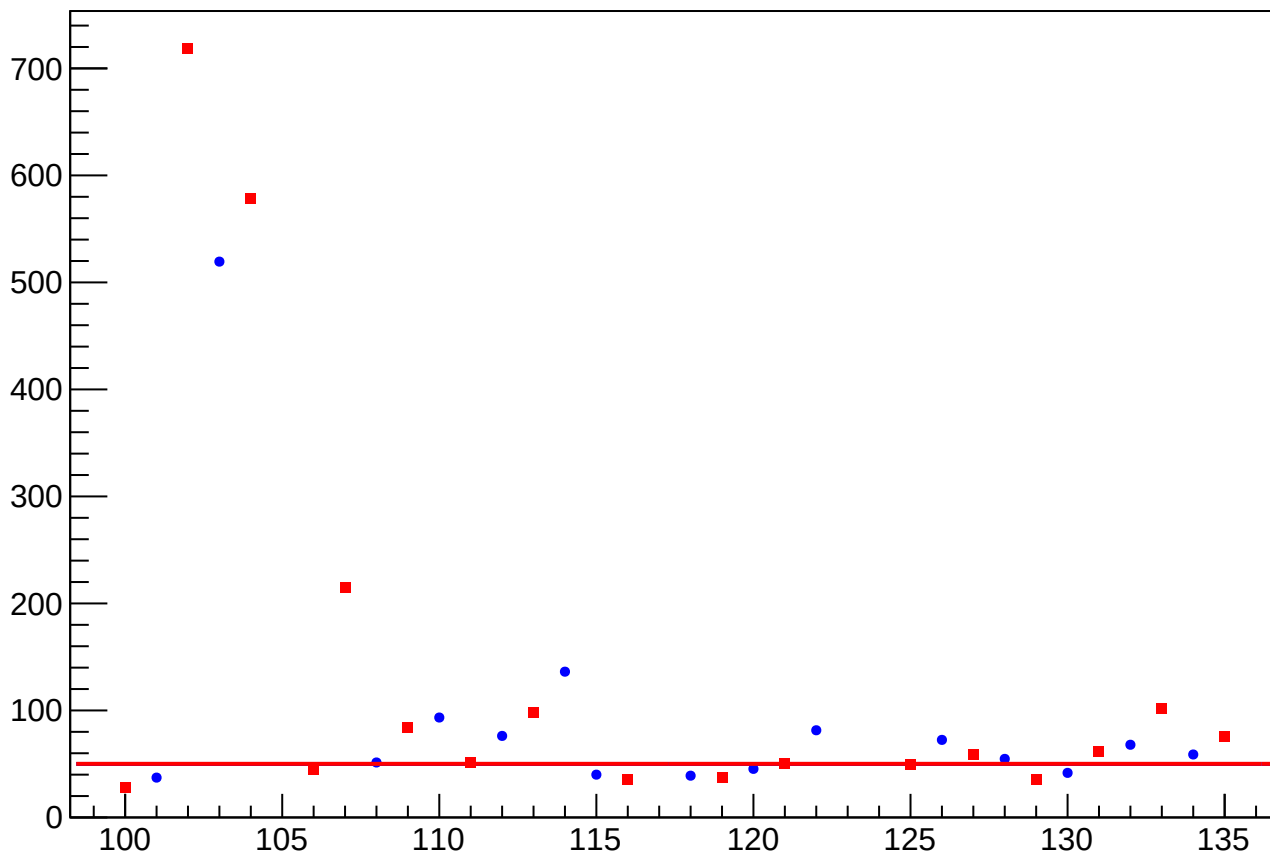
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.017 χ^2/NDF : 25.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.971+/-0.016 χ^2/NDF : 1811935.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.097+/-0.017 χ^2/NDF : 2889169.9/16

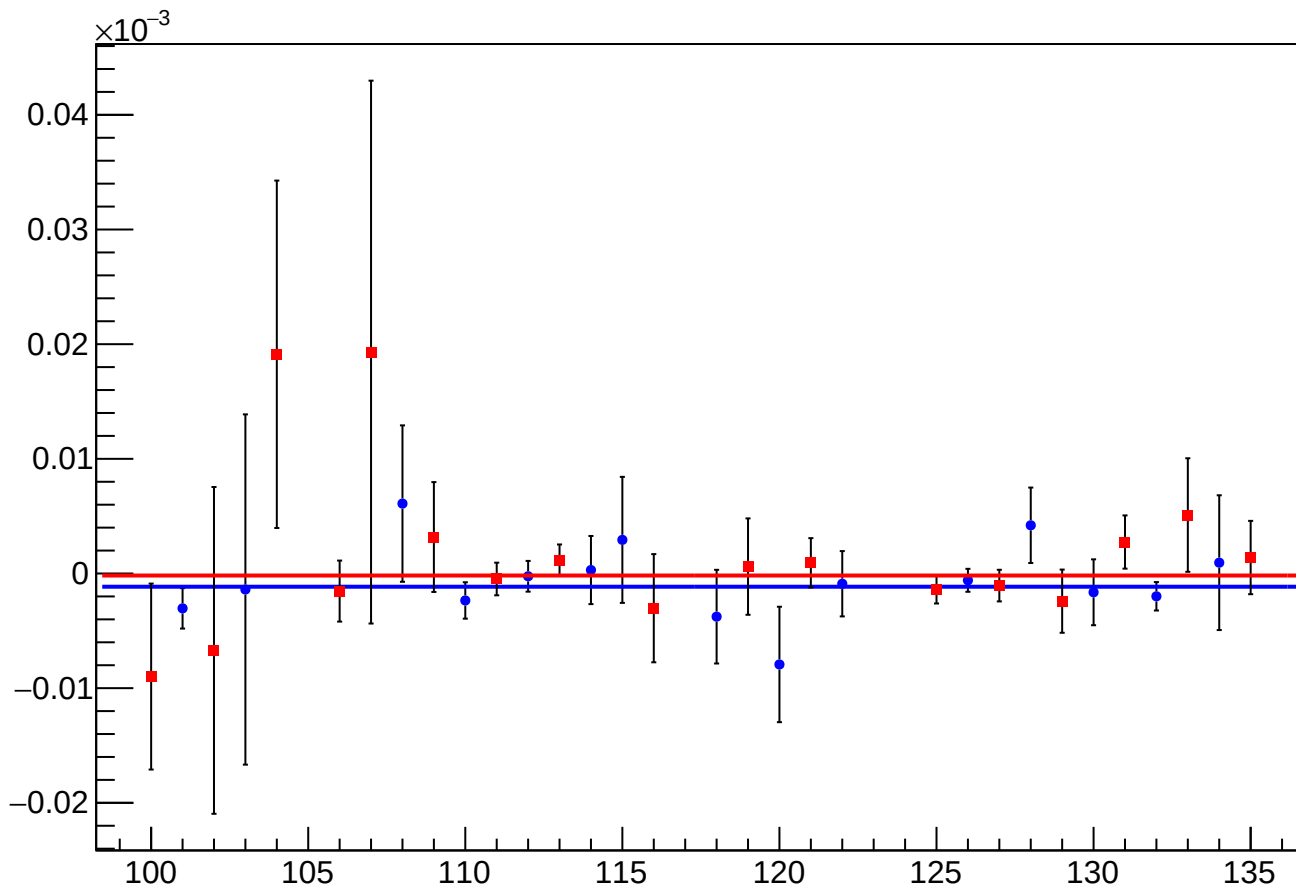
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.032+/-0.012 χ^2/NDF : 4701134.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.9/14

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

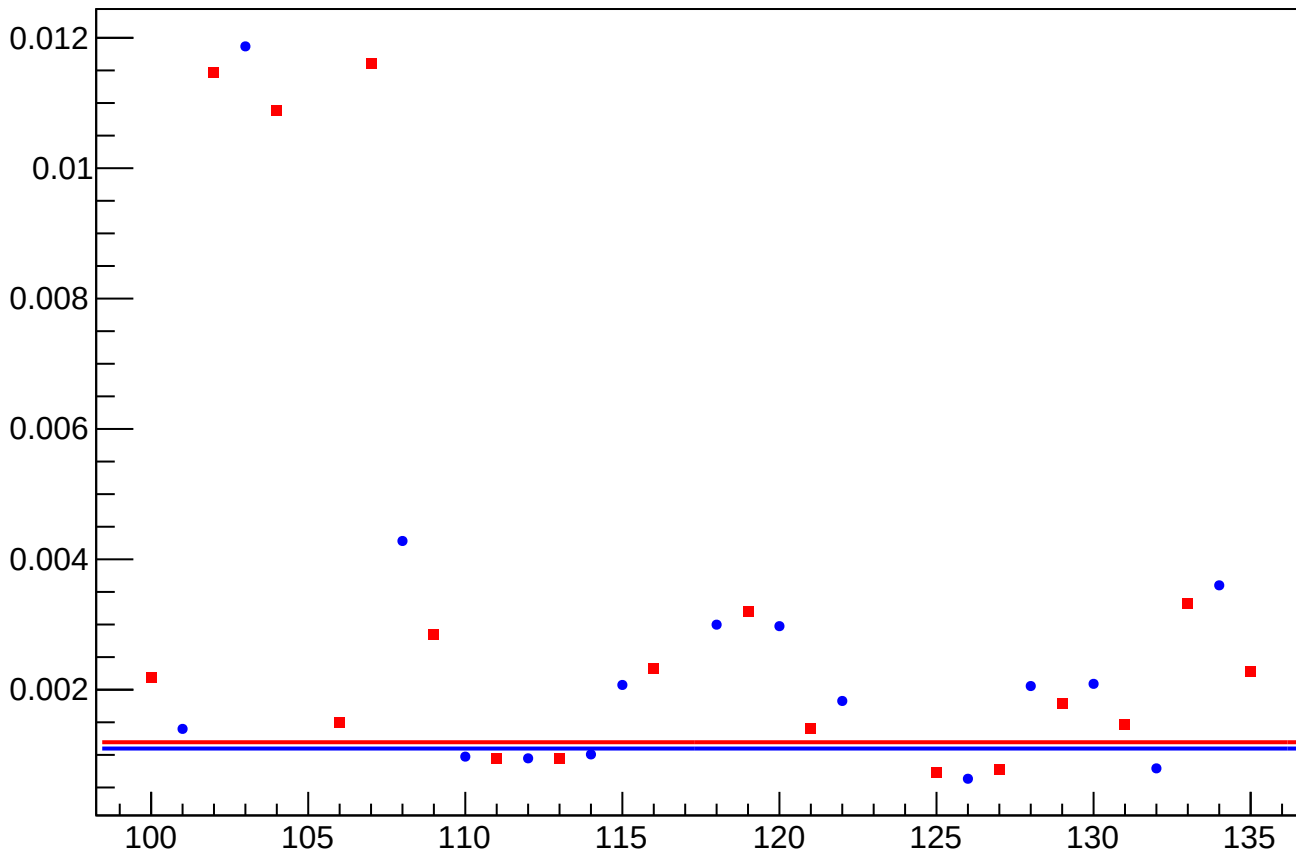
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3754217.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4433328.0/16

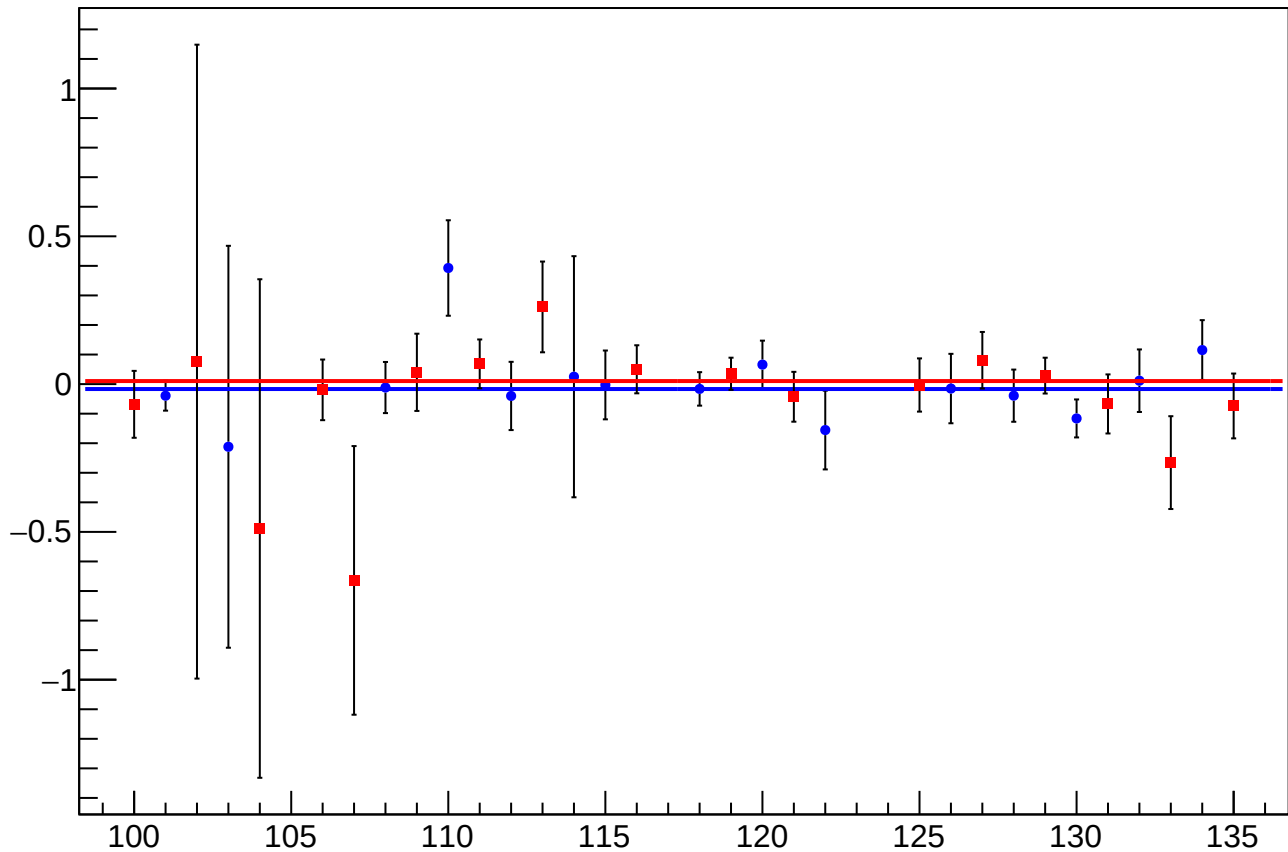
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8219059.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.017 ± 0.023 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.024 χ^2/NDF : 12.1/16

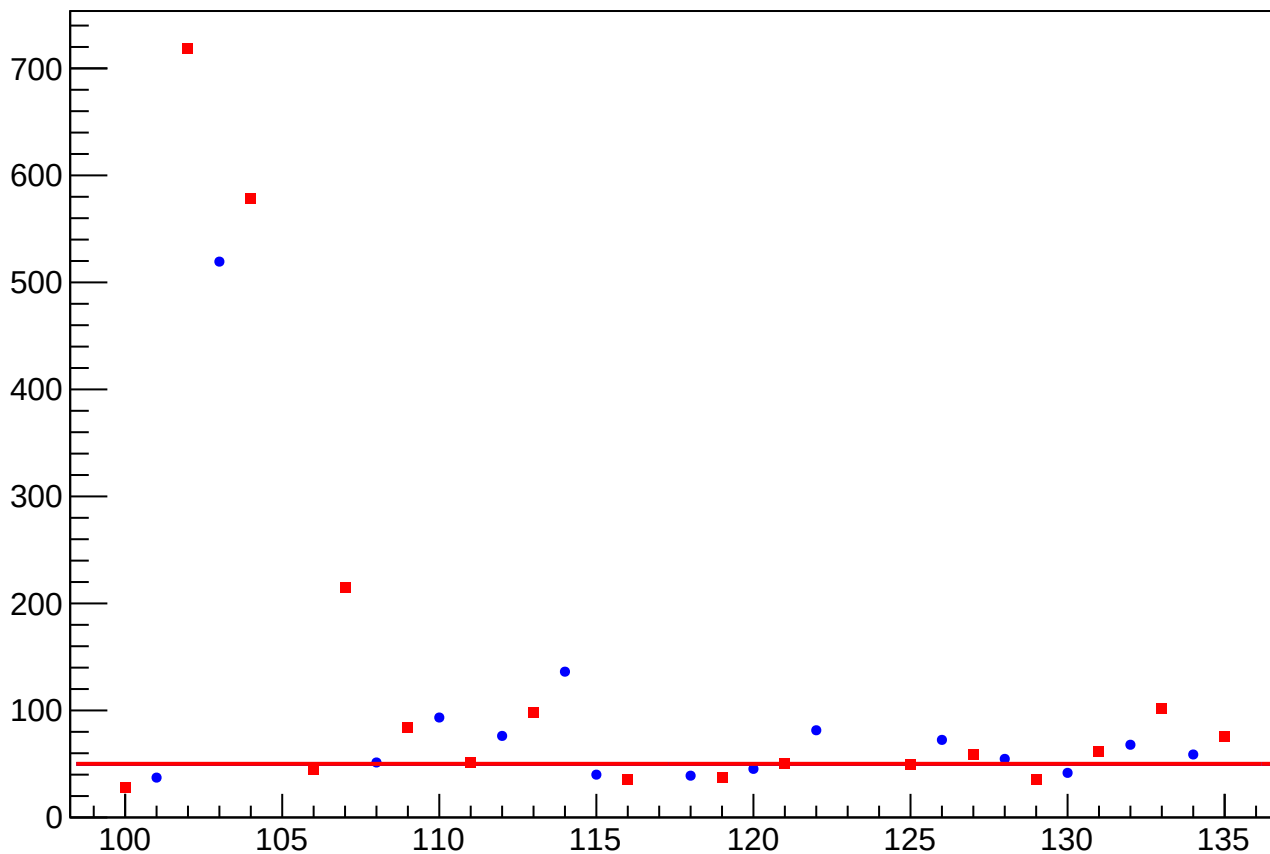
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.017 χ^2/NDF : 25.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 49.971 $\pm$ 0.016 χ^2 /NDF: 1811925.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 50.097 $\pm$ 0.017 χ^2 /NDF: 2889154.0/16

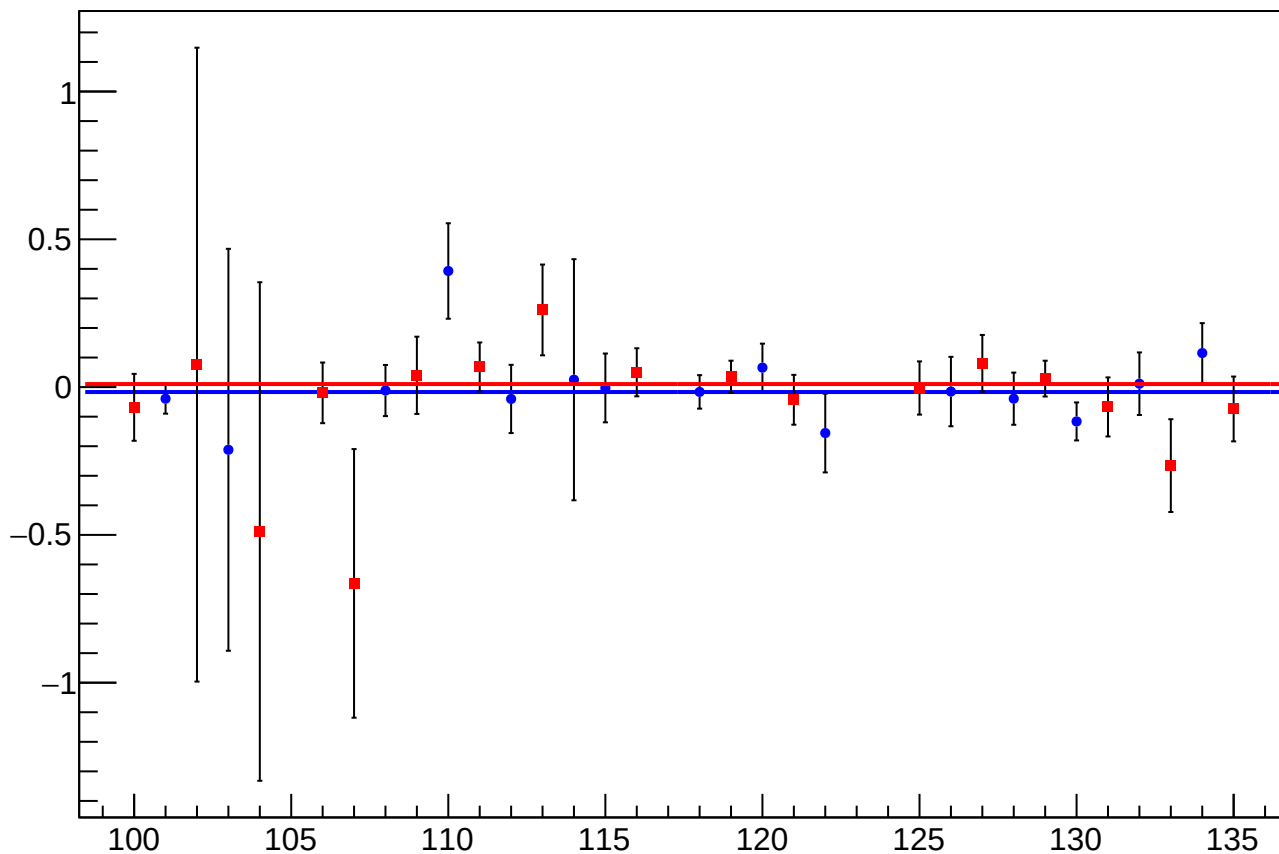
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 50.032 $\pm$ 0.012 χ^2 /NDF: 4701108.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017 ± 0.023 χ^2/NDF : 13.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.010 ± 0.024 χ^2/NDF : 12.1/16

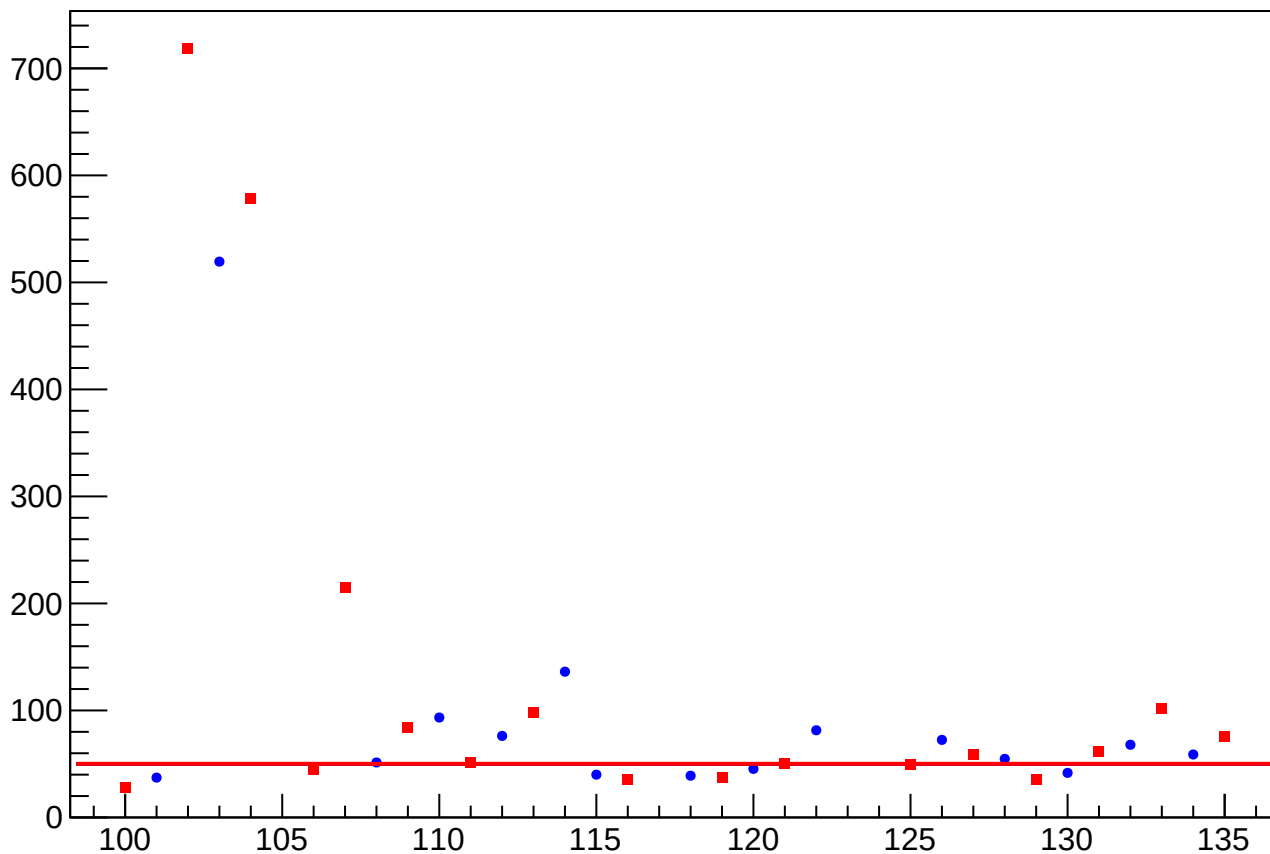
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.017 χ^2/NDF : 25.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 49.971+/-0.016 χ^2/NDF : 1811925.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.097+/-0.017 χ^2/NDF : 2889154.0/16

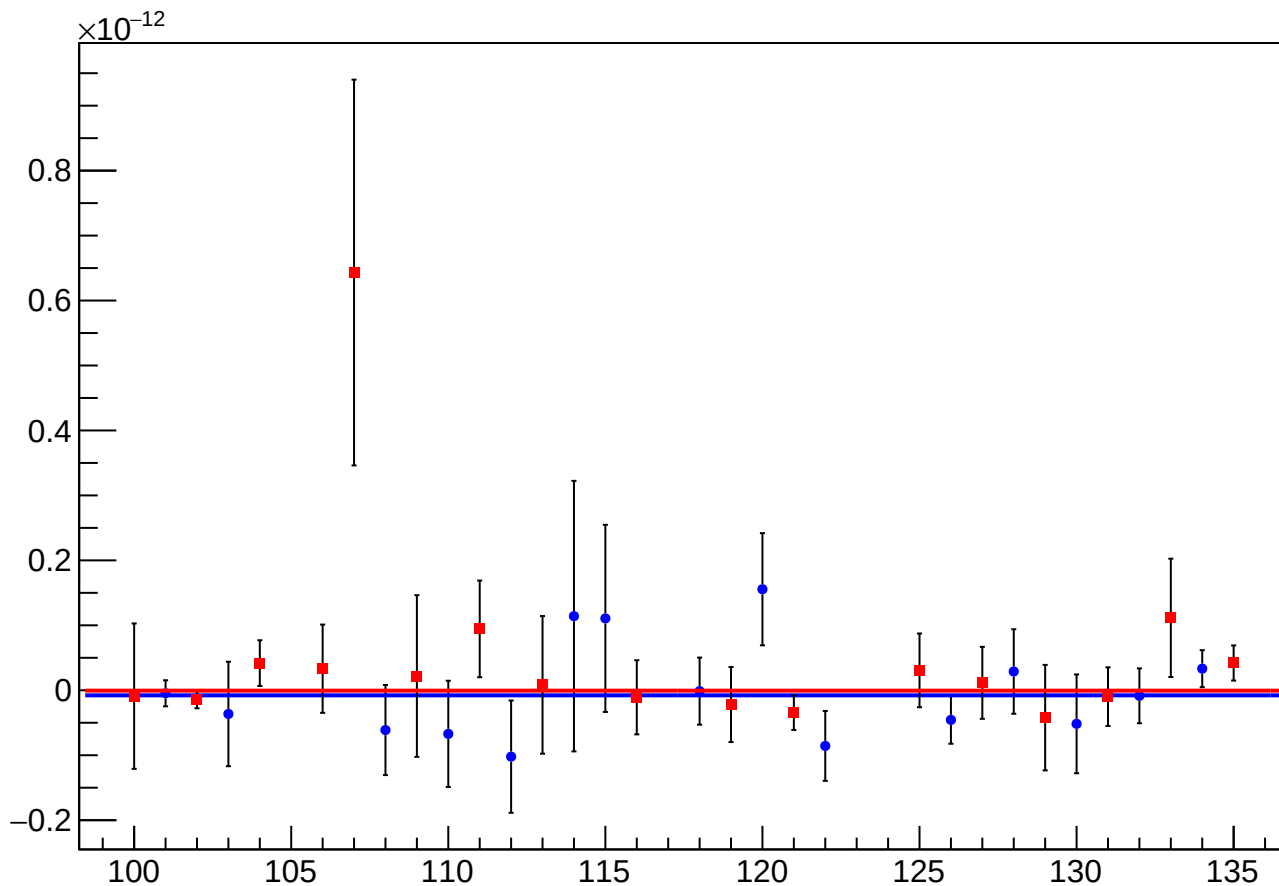
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 50.032+/-0.012 χ^2/NDF : 4701108.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.7/16

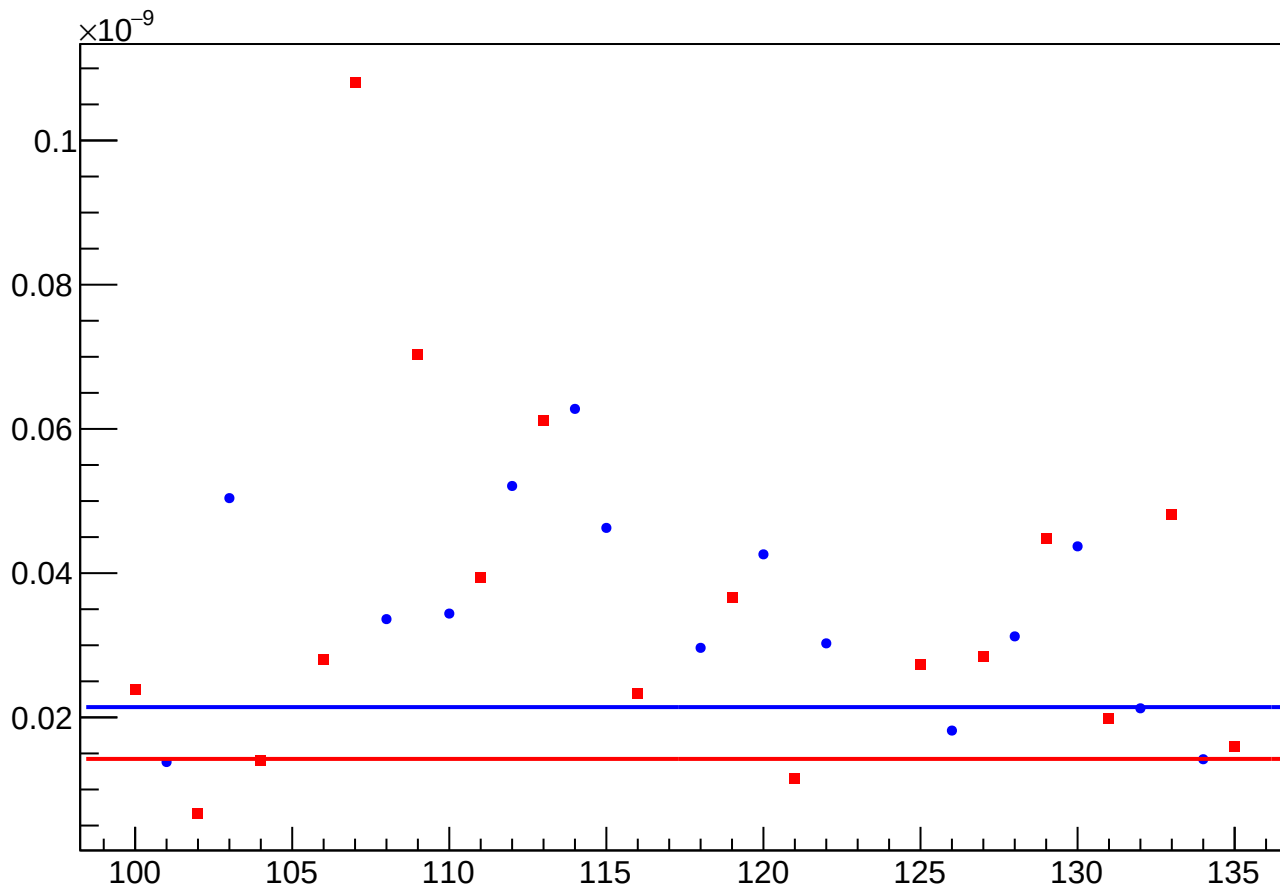
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1637727.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3220713.7/16

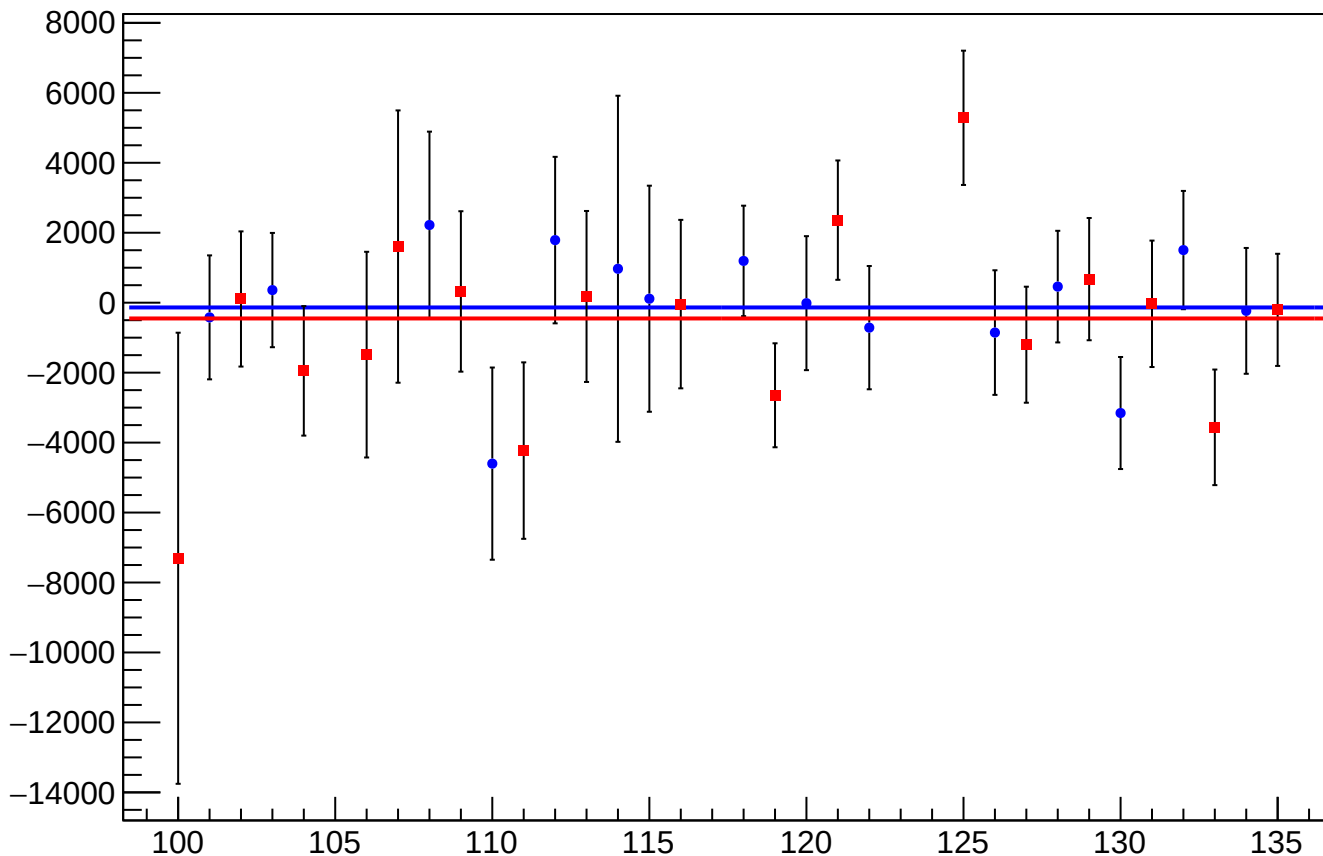
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5317516.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_mean vs Slug



Right In: -136.182+/-498.064 χ^2 /NDF: 9.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -451.037+/-483.795 χ^2 /NDF: 22.8/16

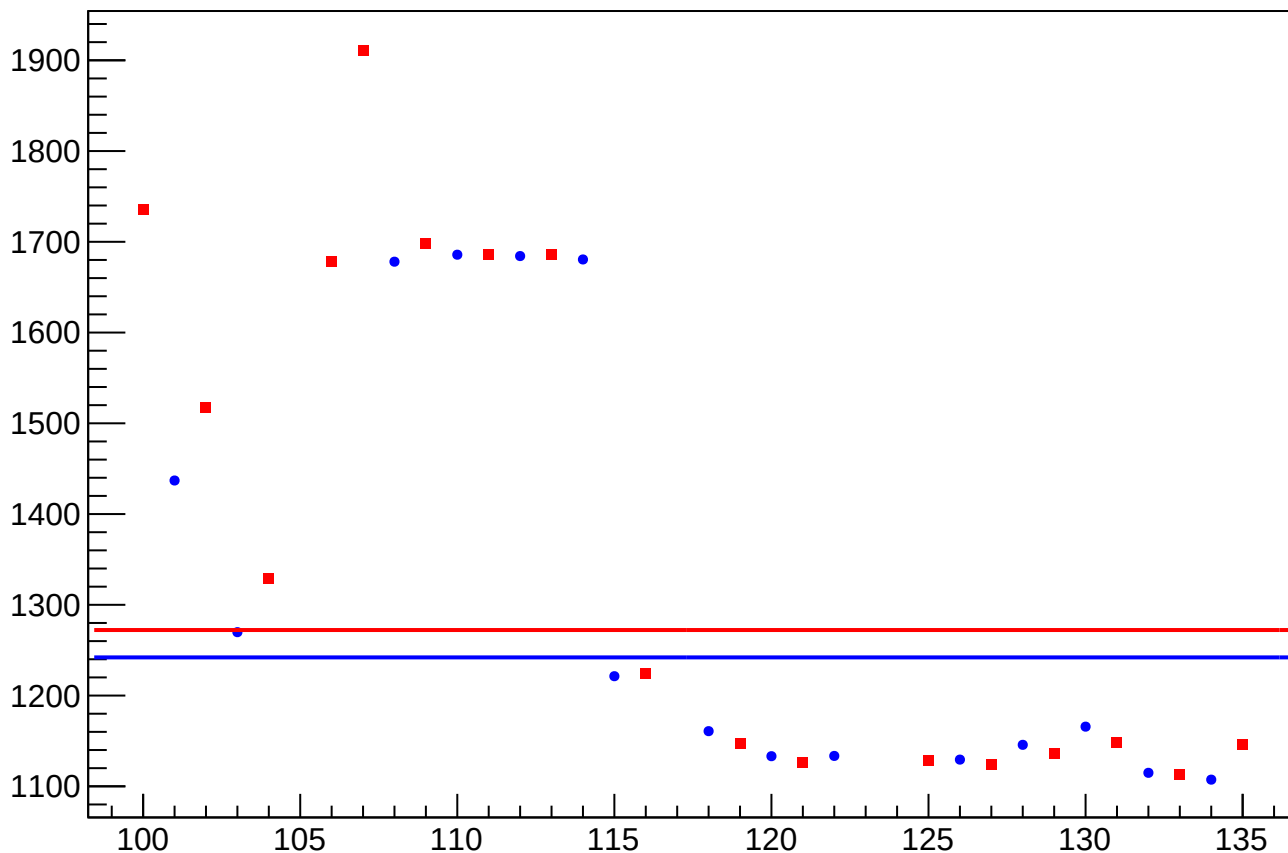
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -298.184+/-347.030 χ^2 /NDF: 32.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_dd_rms vs Slug



Right In: 1242.063 $\pm$ 0.352 χ^2 /NDF: 276840.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1272.215 $\pm$ 0.342 χ^2 /NDF: 425886.4/16

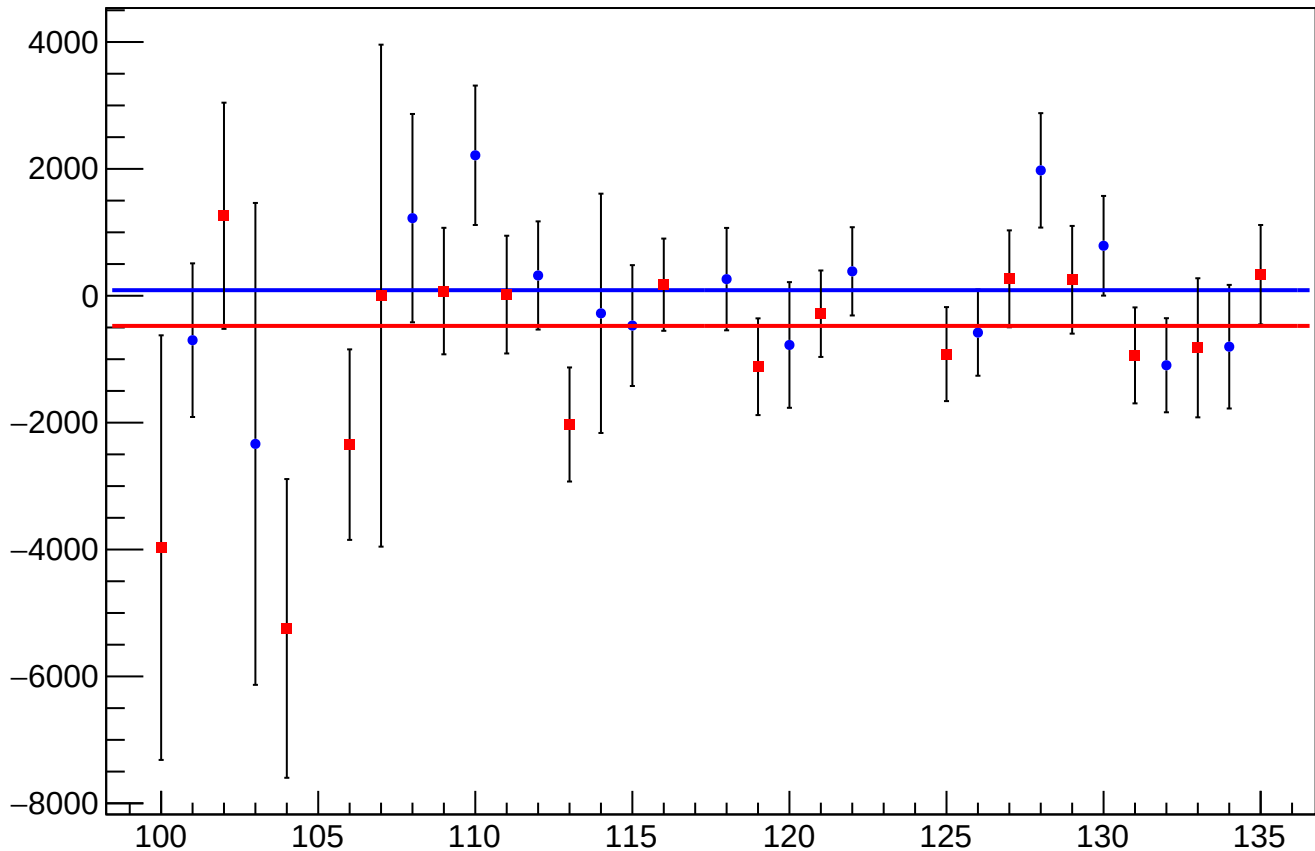
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1257.577 $\pm$ 0.245 χ^2 /NDF: 706497.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_correction_mean vs Slug



Right In: 88.033+/-241.018 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -475.013+/-227.069 χ^2/NDF : 16.4/16

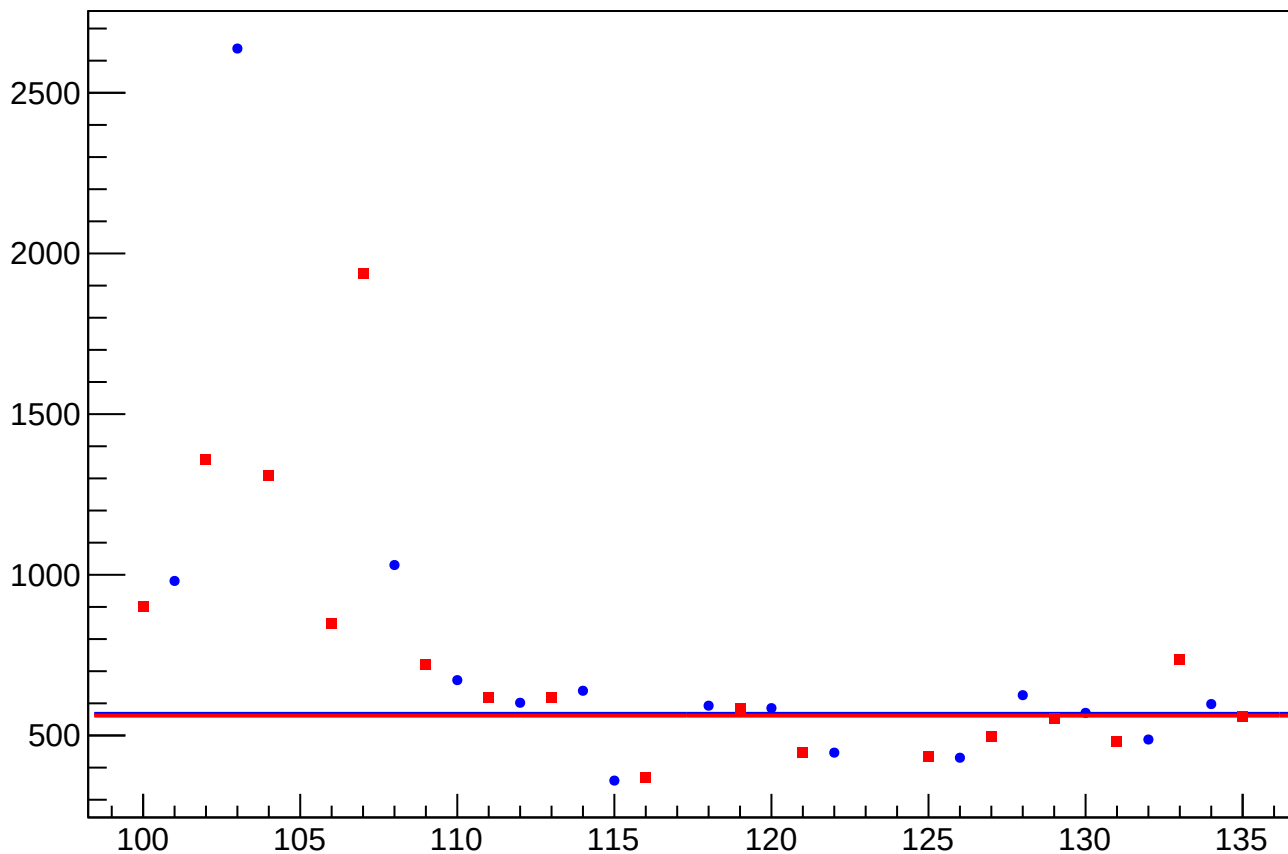
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -210.254+/-165.273 χ^2/NDF : 35.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_correction_rms vs Slug



Right In: 567.226+/-0.170 χ^2/NDF : 1283257.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.760+/-0.161 χ^2/NDF : 1351932.8/16

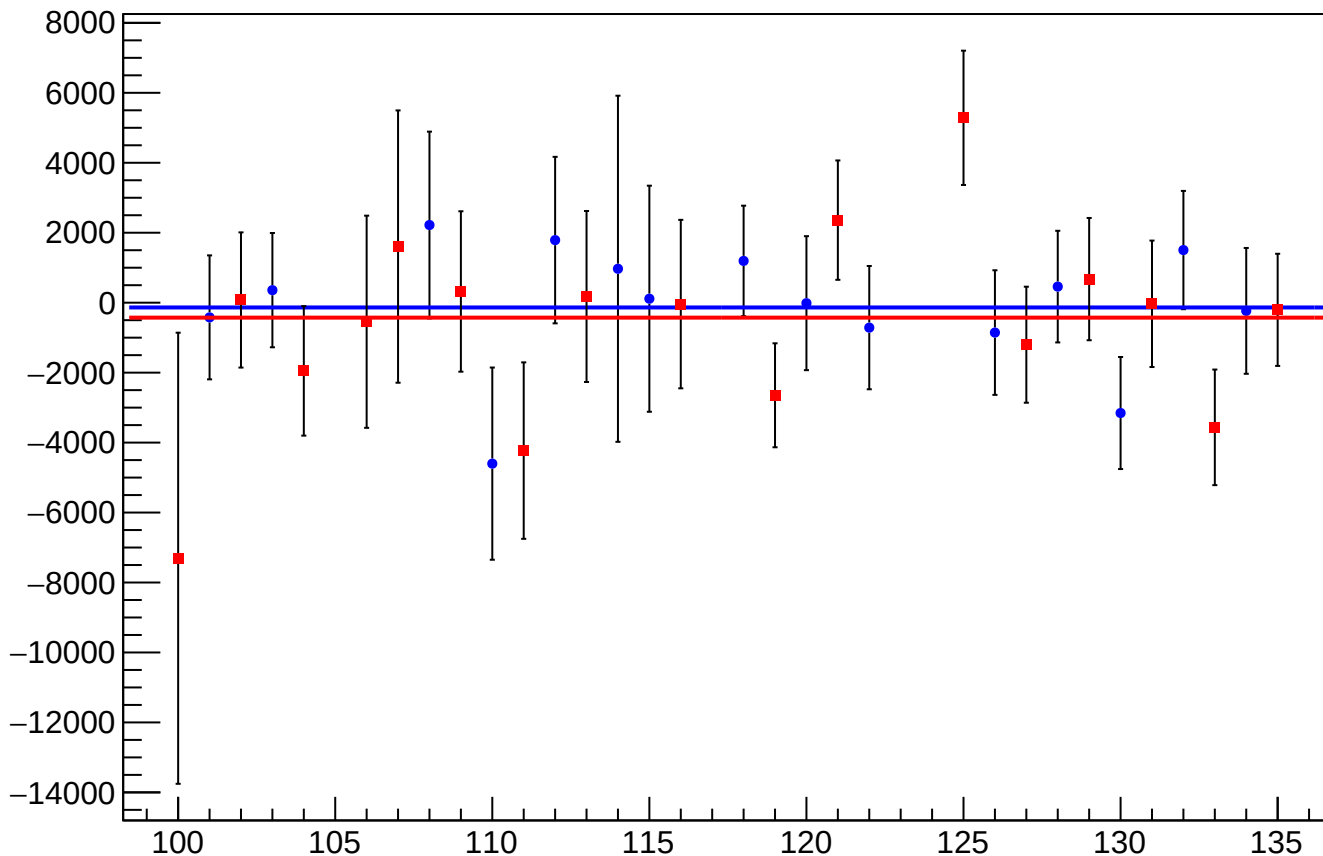
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.330+/-0.117 χ^2/NDF : 2635735.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl1_dd_mean vs Slug



Right In: -136.445 $\pm$ 498.064 χ^2 /NDF: 9.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -427.308 $\pm$ 484.192 χ^2 /NDF: 22.7/16

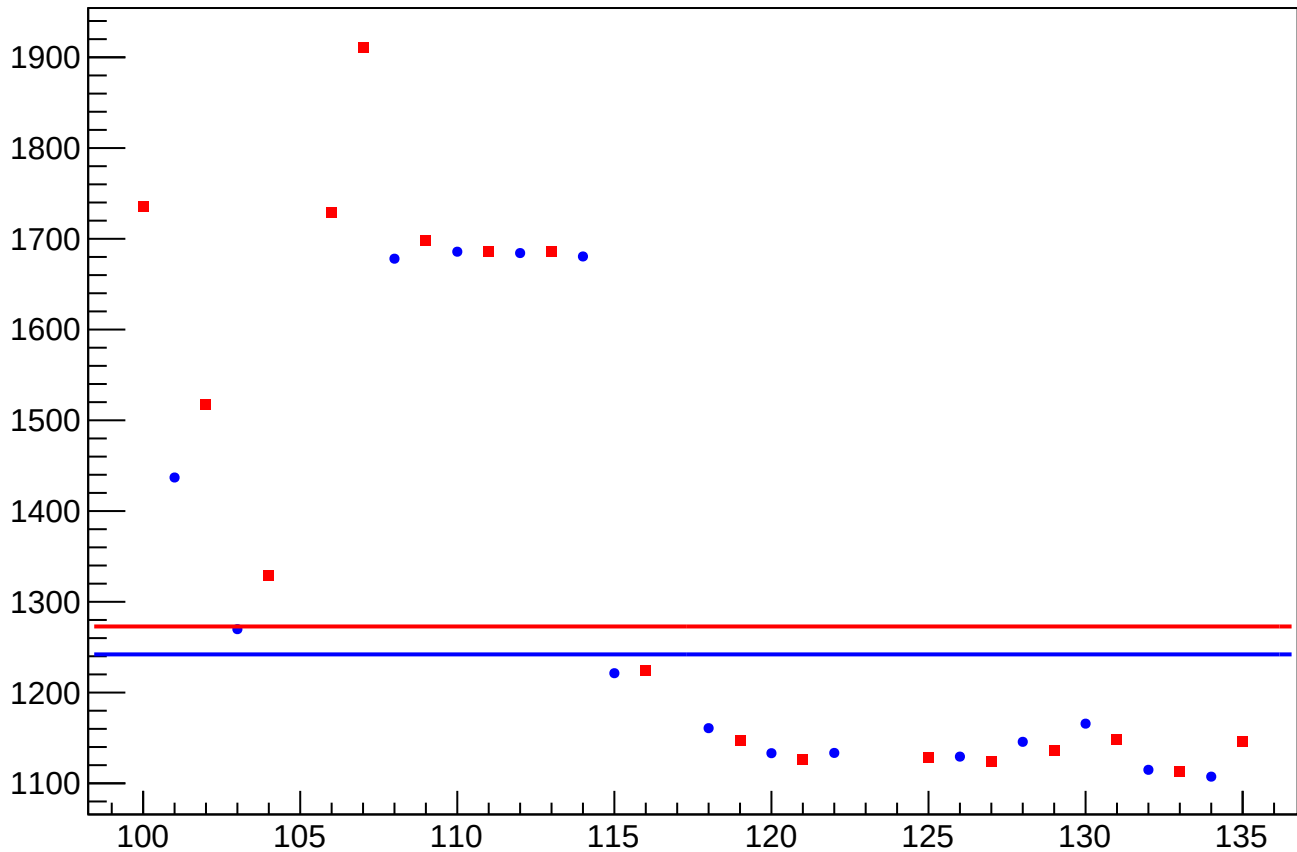
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -285.984 $\pm$ 347.176 χ^2 /NDF: 32.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1272.829+/-0.342 χ^2/NDF : 432966.7/16

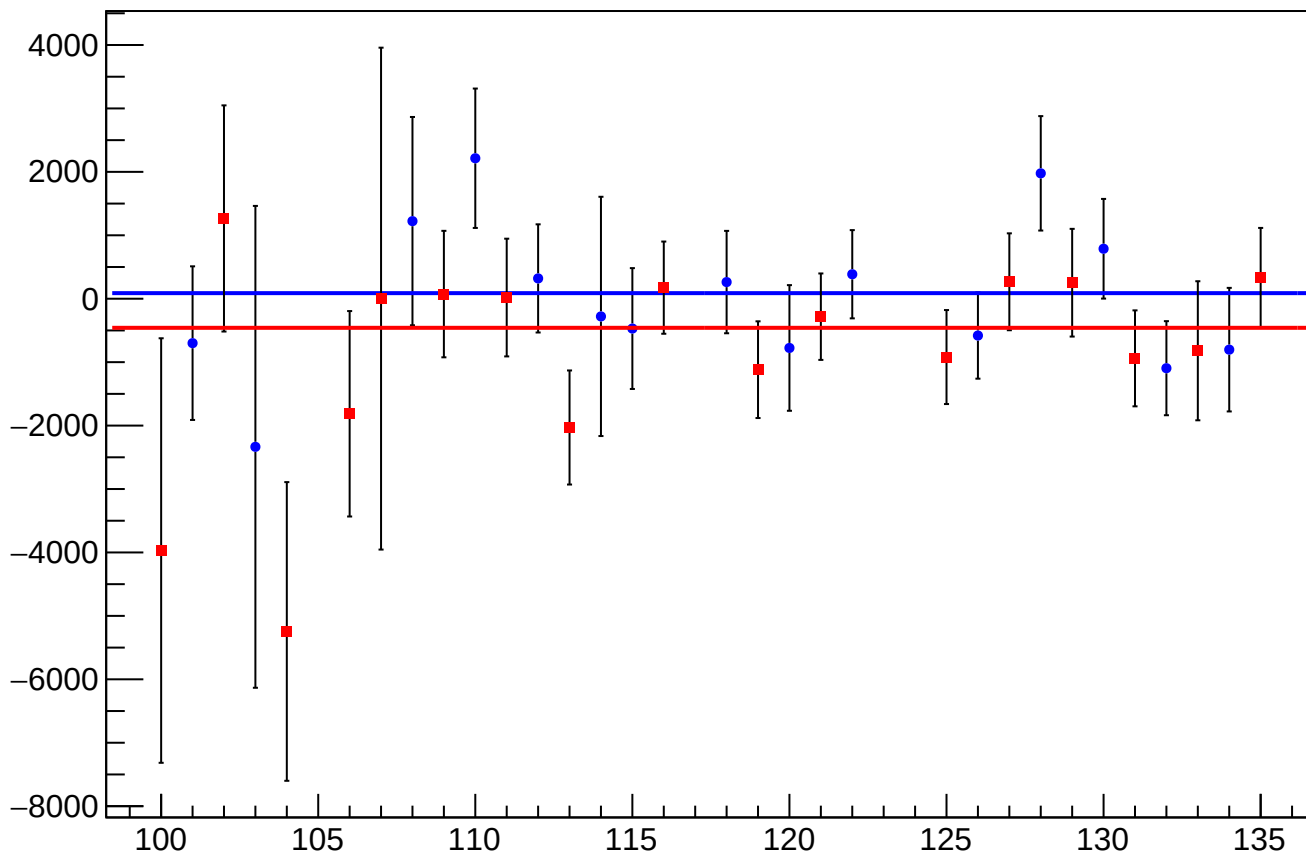
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1257.880+/-0.245 χ^2/NDF : 713730.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_mean vs Slug



Right In: 88.025+/-241.016 χ^2/NDF : 16.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -458.573+/-227.431 χ^2/NDF : 15.6/16

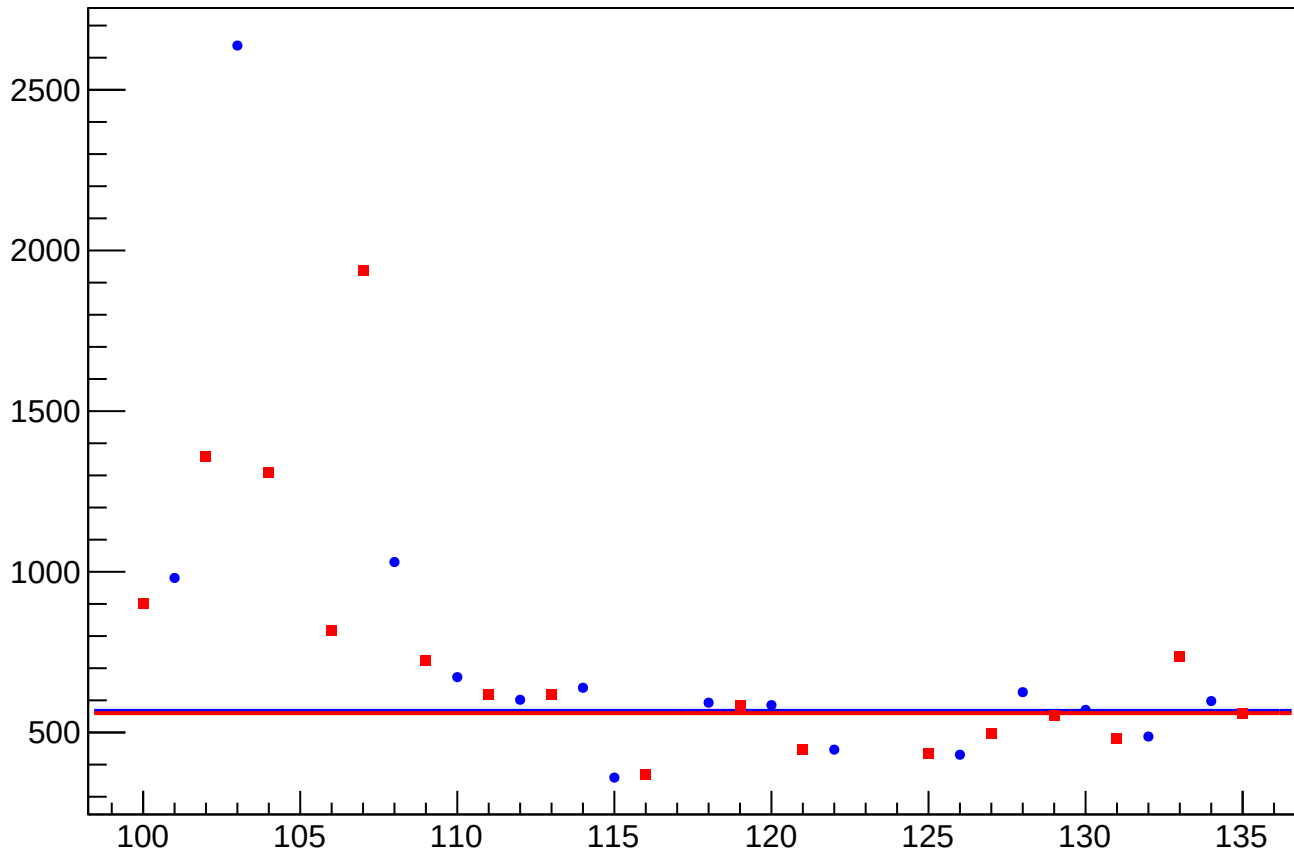
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -201.111+/-165.412 χ^2/NDF : 34.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_cor_correction_rms vs Slug



Right In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.224+/-0.161 χ^2/NDF : 1329109.2/16

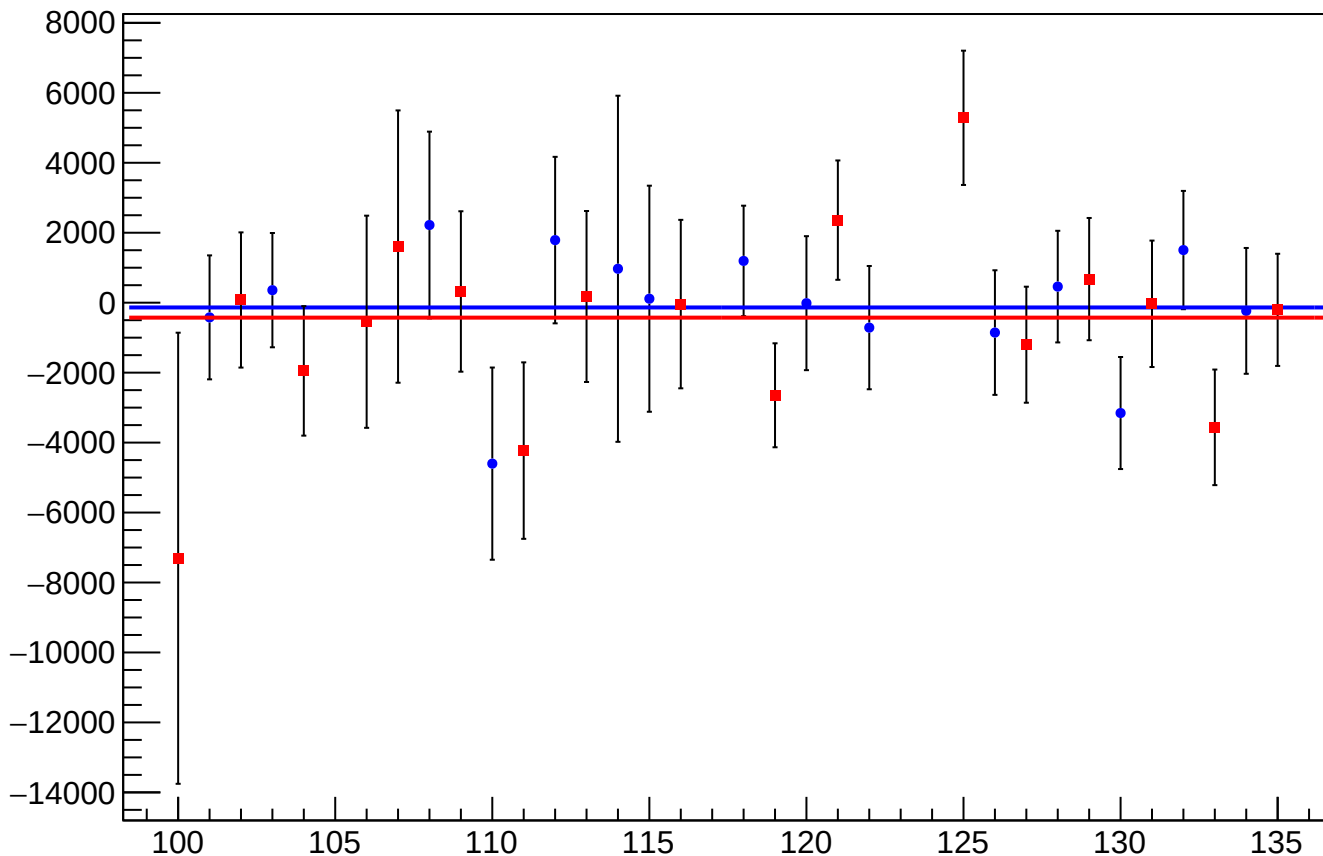
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.519+/-0.117 χ^2/NDF : 2613236.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl1_dd_mean vs Slug



Right In: -136.445+/-498.064 χ^2 /NDF: 9.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -427.308+/-484.192 χ^2 /NDF: 22.7/16

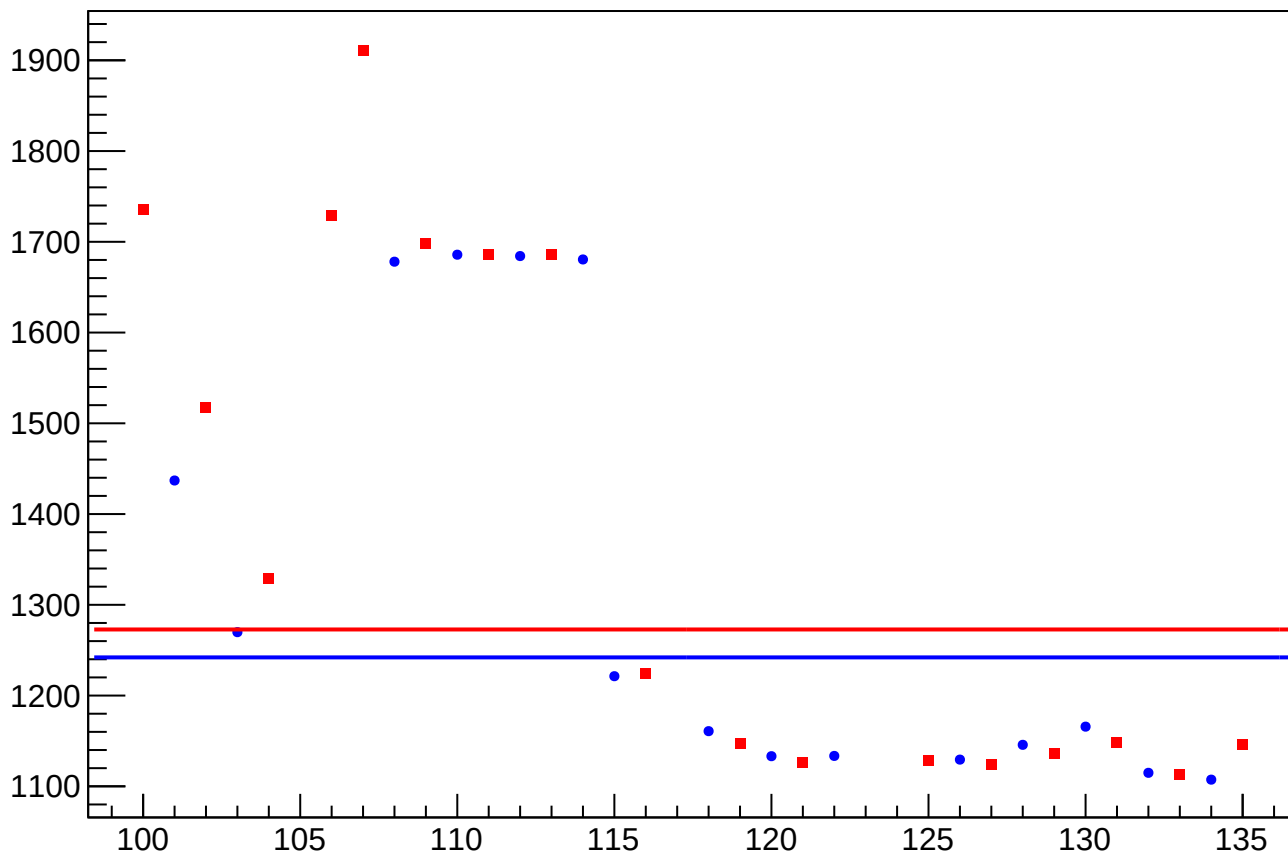
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -285.984+/-347.176 χ^2 /NDF: 32.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl1_dd_rms vs Slug



Right In: 1242.063+/-0.352 χ^2/NDF : 276840.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1272.829+/-0.342 χ^2/NDF : 432966.7/16

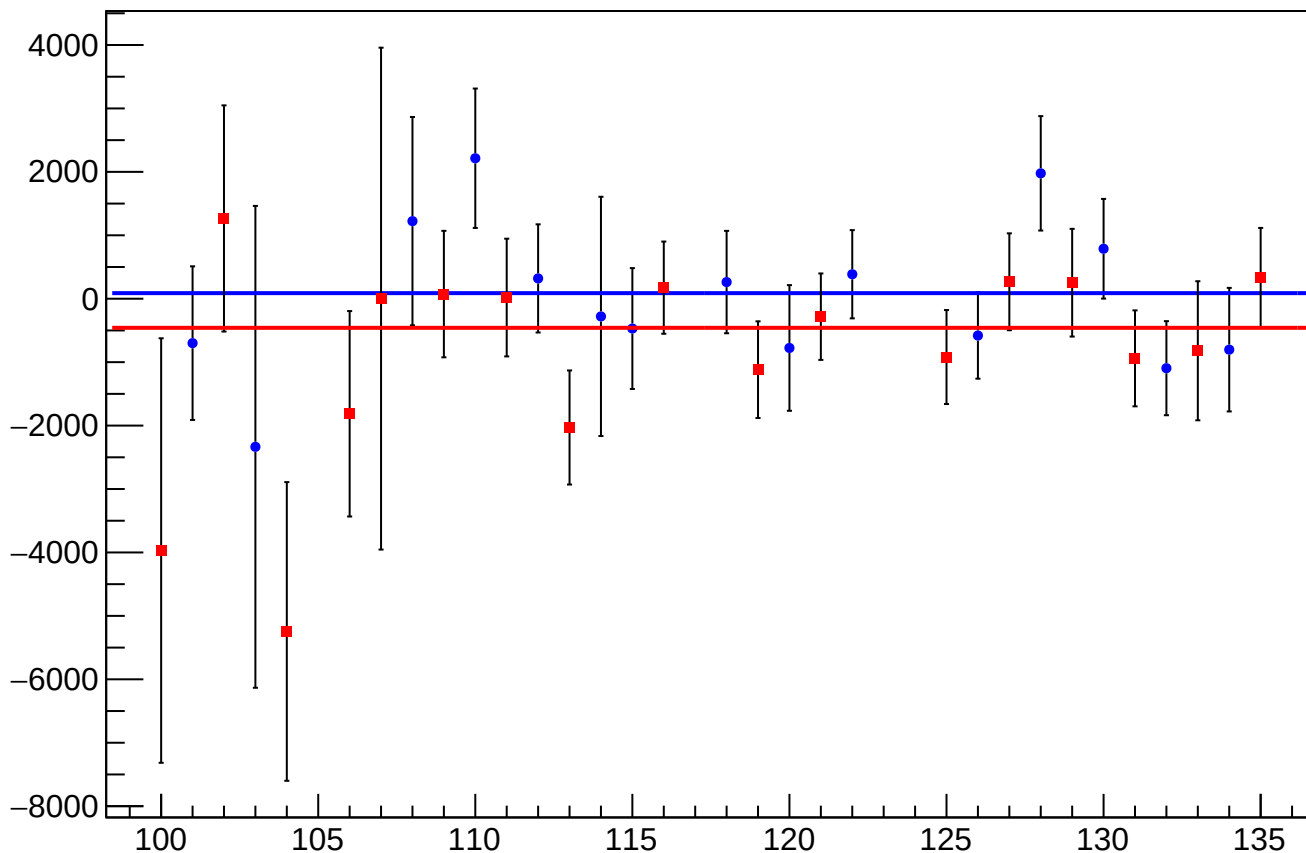
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1257.880+/-0.245 χ^2/NDF : 713730.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_mean vs Slug



Right In: 88.025 ± 241.016 χ^2/NDF : 16.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -458.573 ± 227.431 χ^2/NDF : 15.6/16

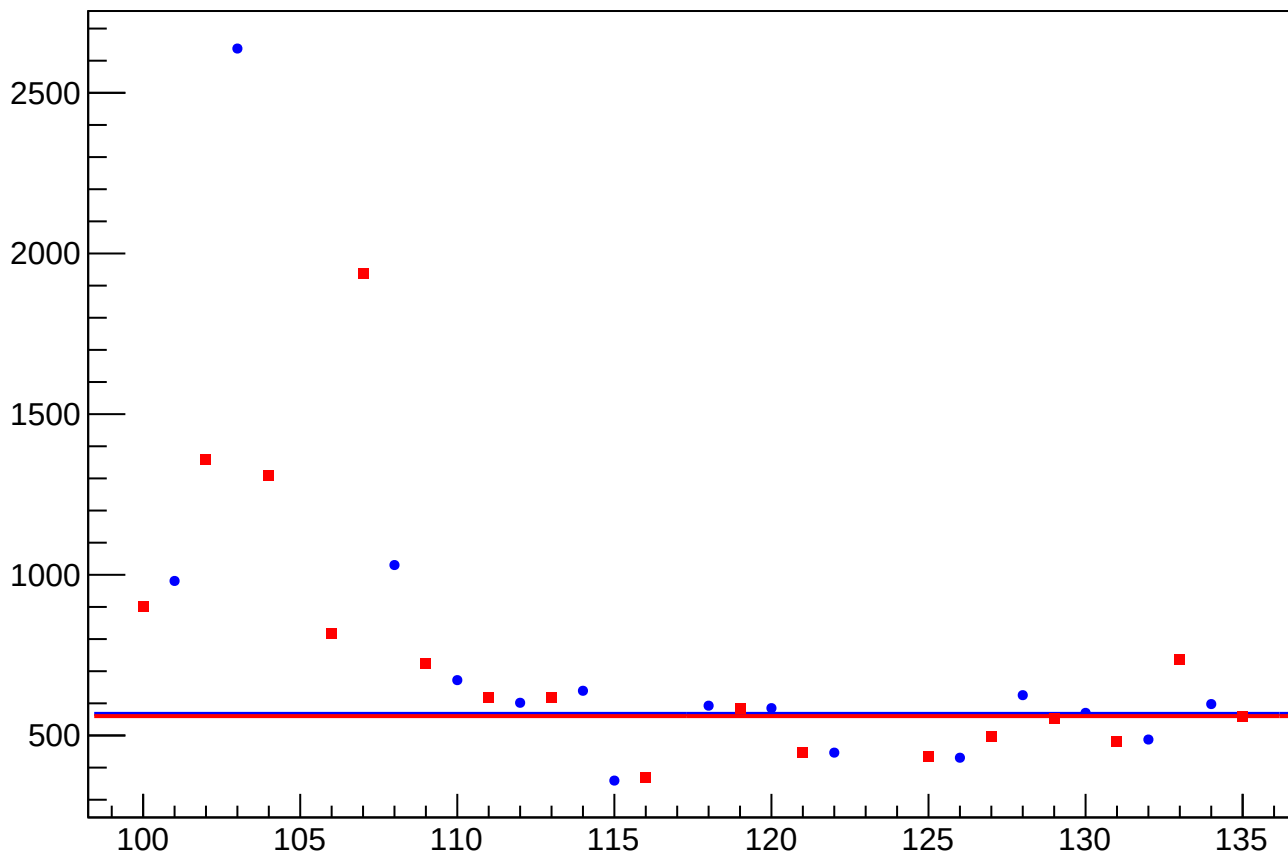
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -201.111 ± 165.412 χ^2/NDF : 34.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_correction_rms vs Slug



Right In: 567.220+/-0.170 χ^2/NDF : 1283235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 560.224+/-0.161 χ^2/NDF : 1329109.2/16

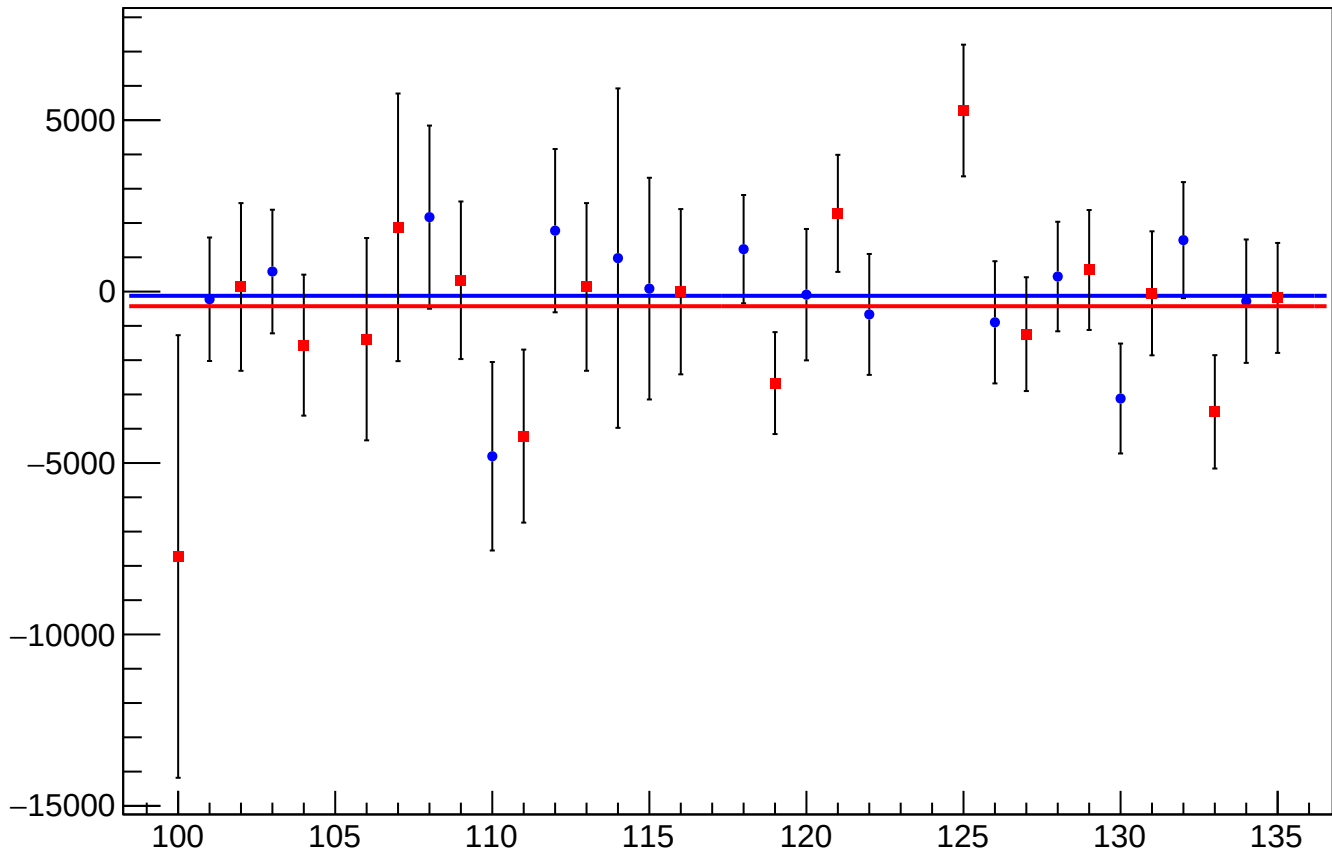
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 563.519+/-0.117 χ^2/NDF : 2613236.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl1_dd_mean vs Slug



Right In: -123.137 $\pm$ 503.136 χ^2 /NDF: 10.1/14

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

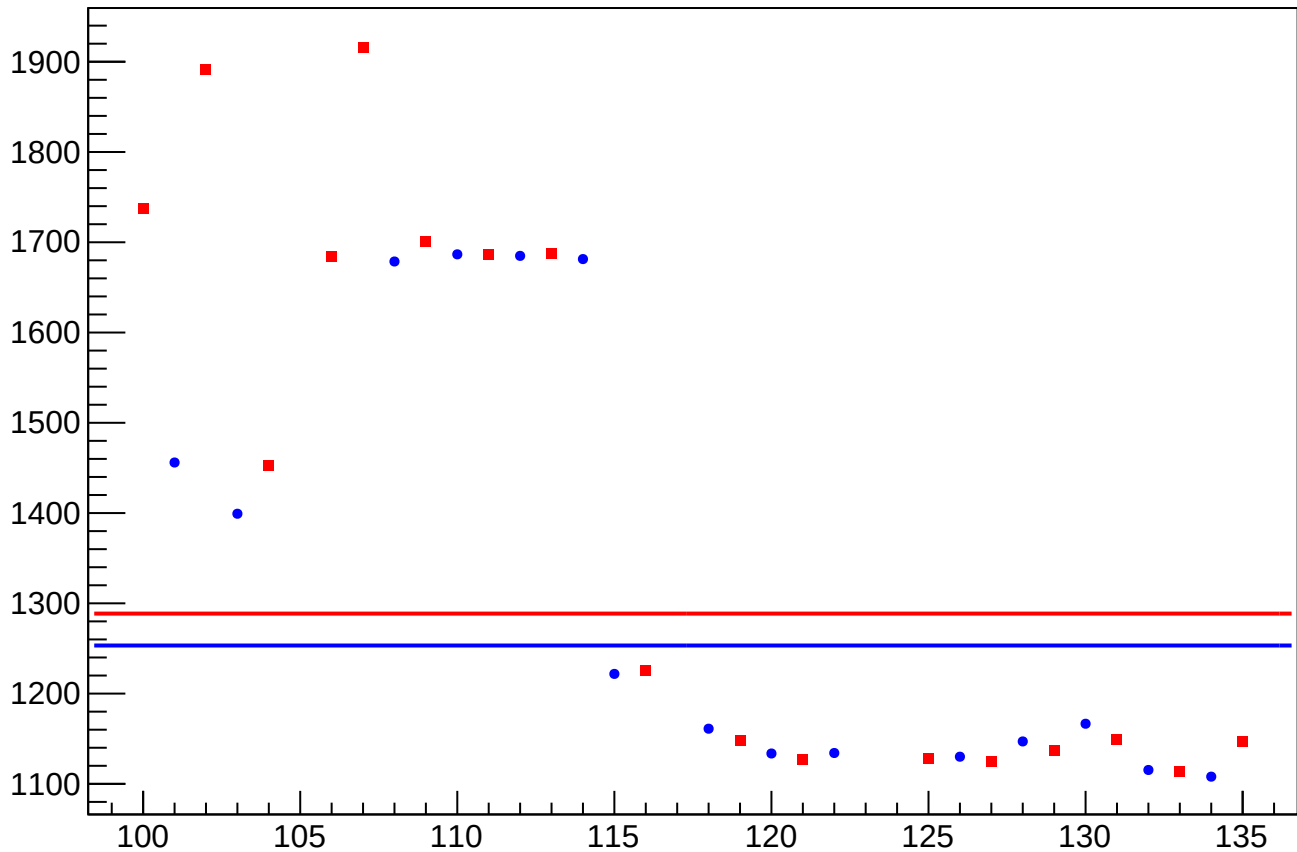
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -277.816 $\pm$ 352.205 χ^2 /NDF: 32.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1253.267+/-0.356 χ^2/NDF : 294101.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.629+/-0.349 χ^2/NDF : 534937.4/16

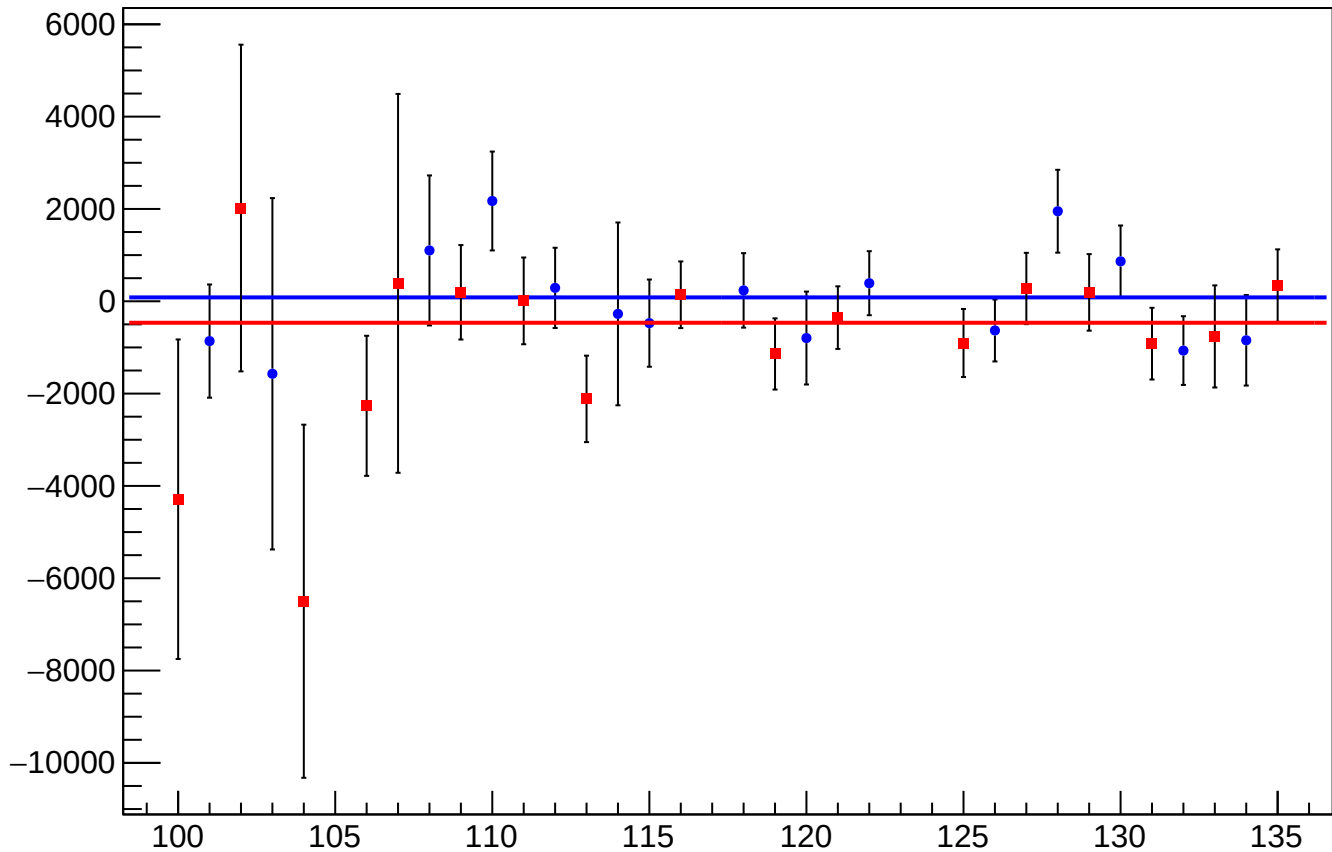
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.301+/-0.249 χ^2/NDF : 834076.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_correction_mean vs Slug



Right In: 84.127+/-240.776 χ^2 /NDF: 16.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -465.404+/-230.666 χ^2 /NDF: 14.3/16

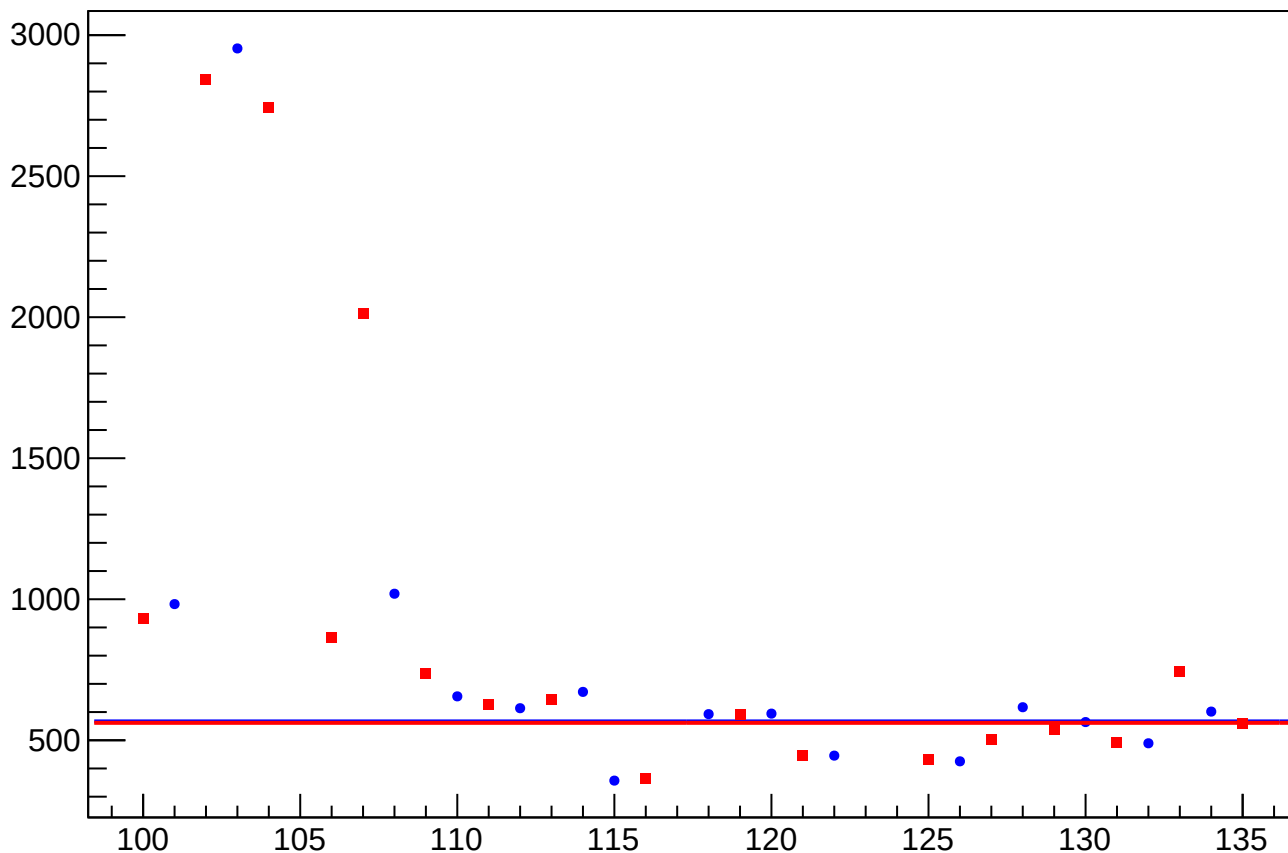
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -202.418+/-166.565 χ^2 /NDF: 33.2/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_correction_rms vs Slug



Right In: 566.840+/-0.170 χ^2/NDF : 1479446.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 561.851+/-0.163 χ^2/NDF : 2273011.9/16

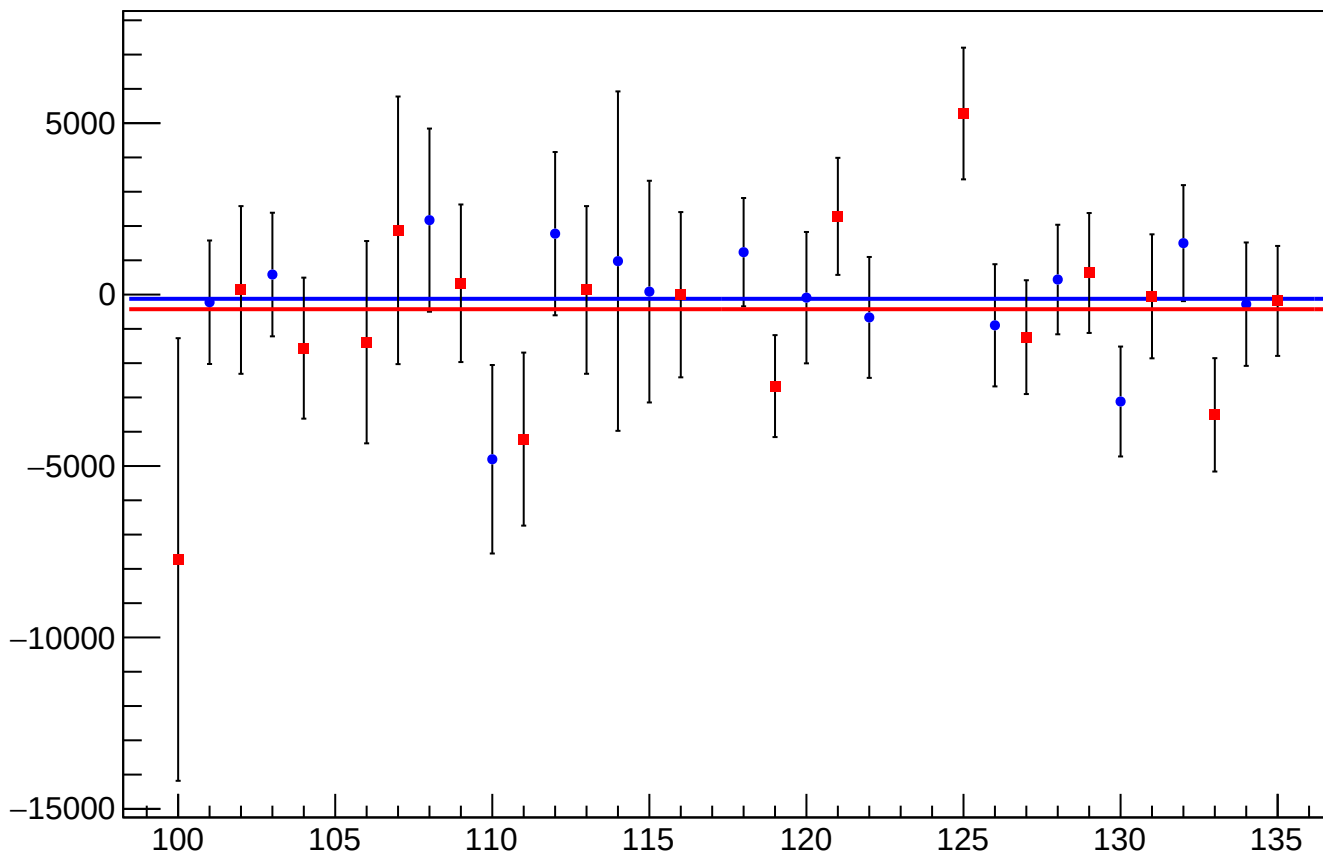
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.239+/-0.118 χ^2/NDF : 3752906.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl1_dd_mean vs Slug



Right In: -123.136 $\pm$ 503.136 χ^2 /NDF: 10.1/14

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

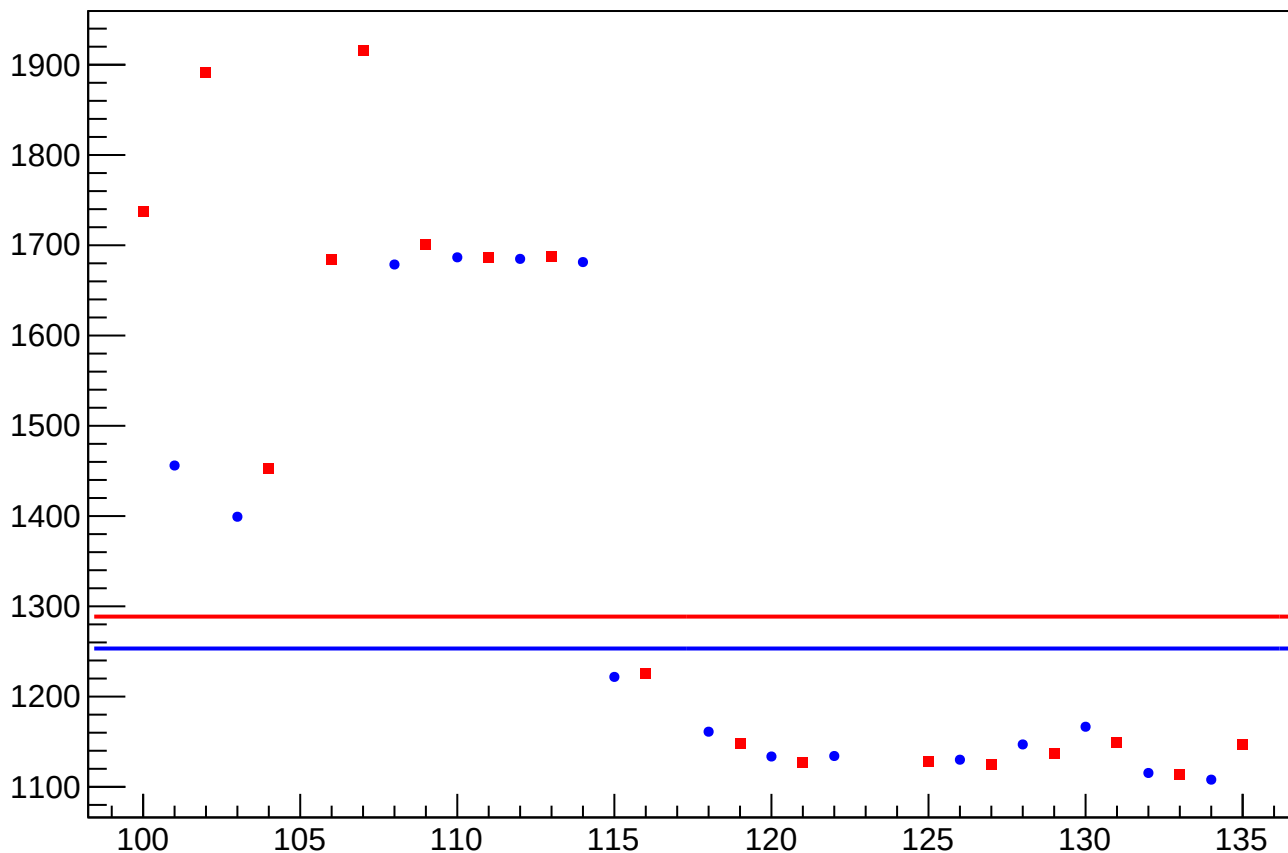
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -277.815 $\pm$ 352.205 χ^2 /NDF: 32.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl1_dd_rms vs Slug



Right In: 1253.267+/-0.356 χ^2/NDF : 294101.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1288.629+/-0.349 χ^2/NDF : 534936.9/16

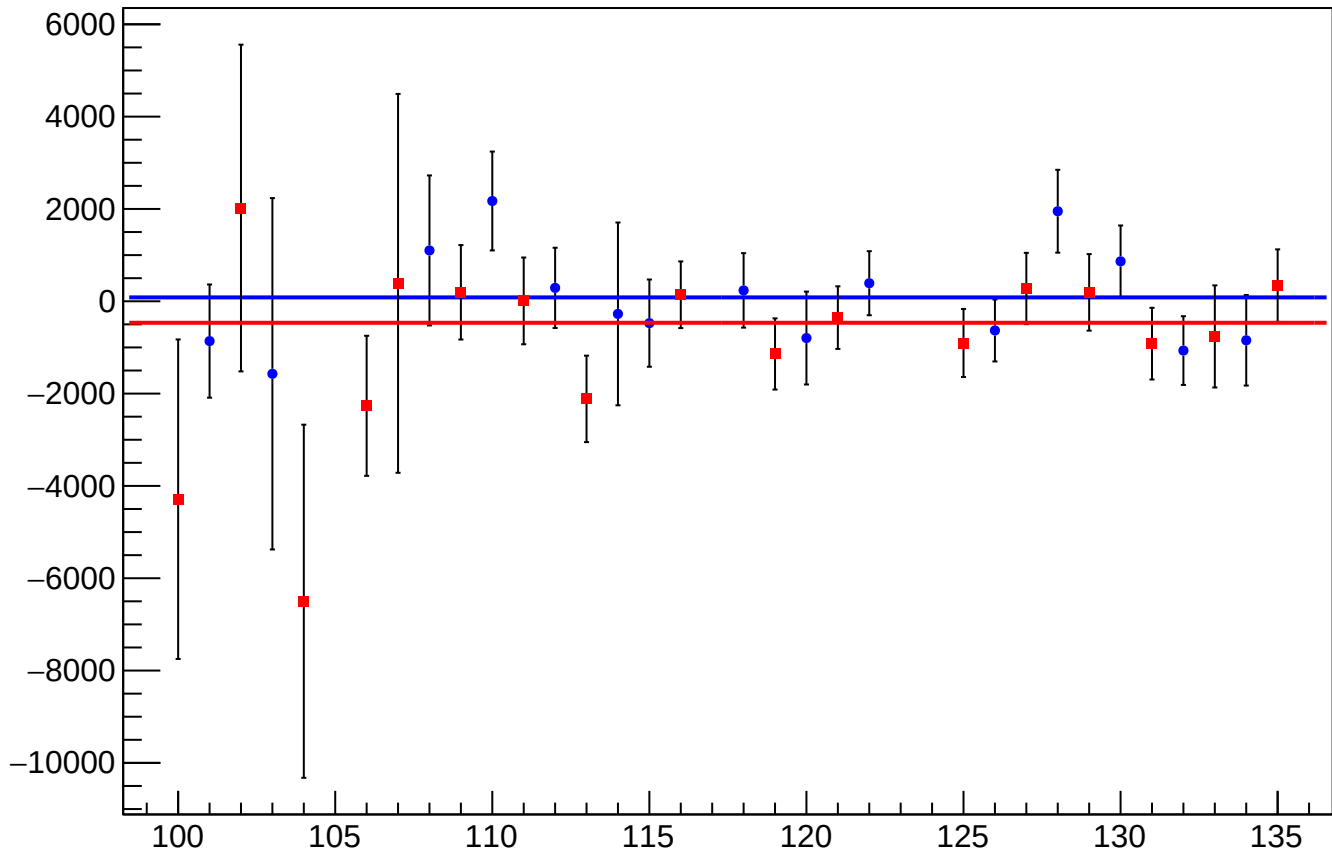
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1271.301+/-0.249 χ^2/NDF : 834076.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_mean vs Slug



Right In: 84.127 $\pm$ 240.776 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -465.404 $\pm$ 230.666 χ^2 /NDF: 14.3/16

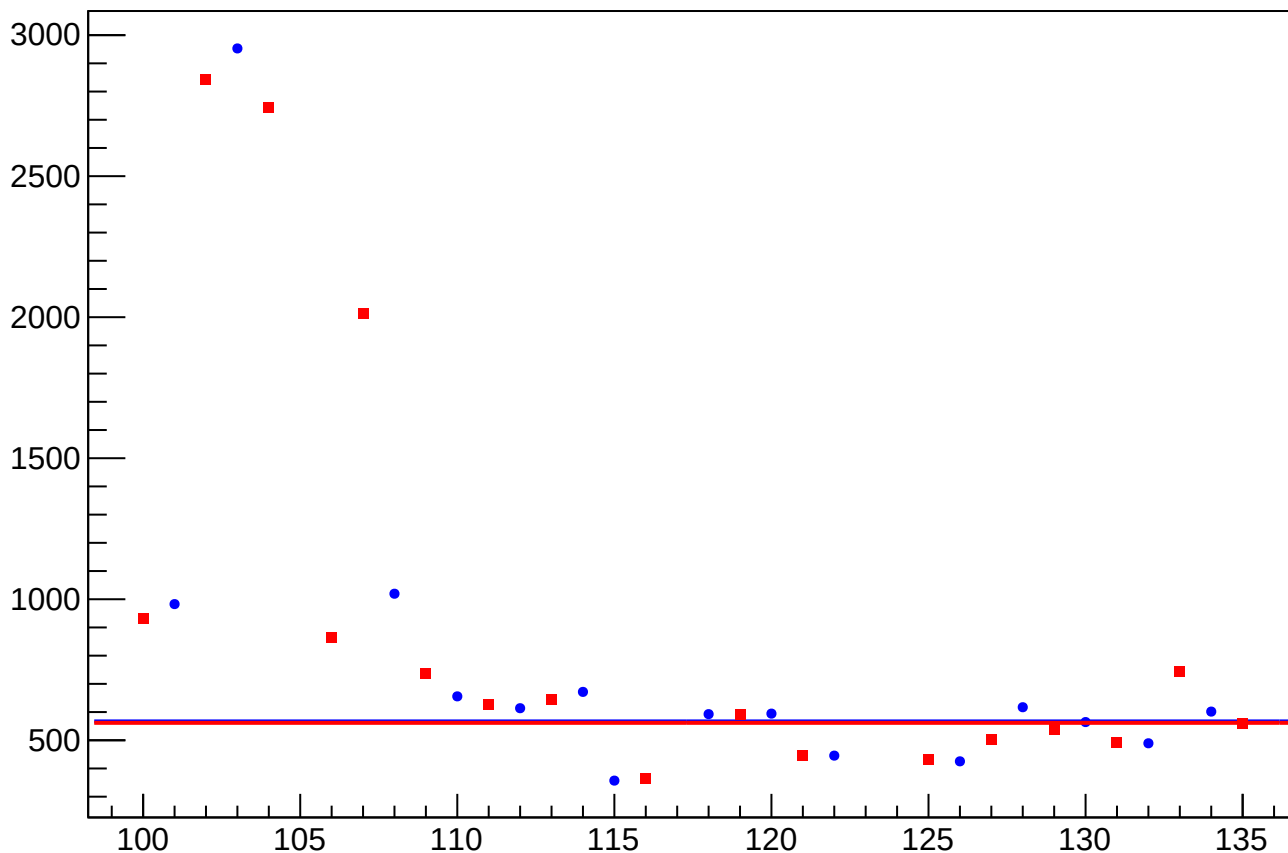
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -202.418 $\pm$ 166.565 χ^2 /NDF: 33.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_correction_rms vs Slug



Right In: 566.840+/-0.170 χ^2/NDF : 1479444.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

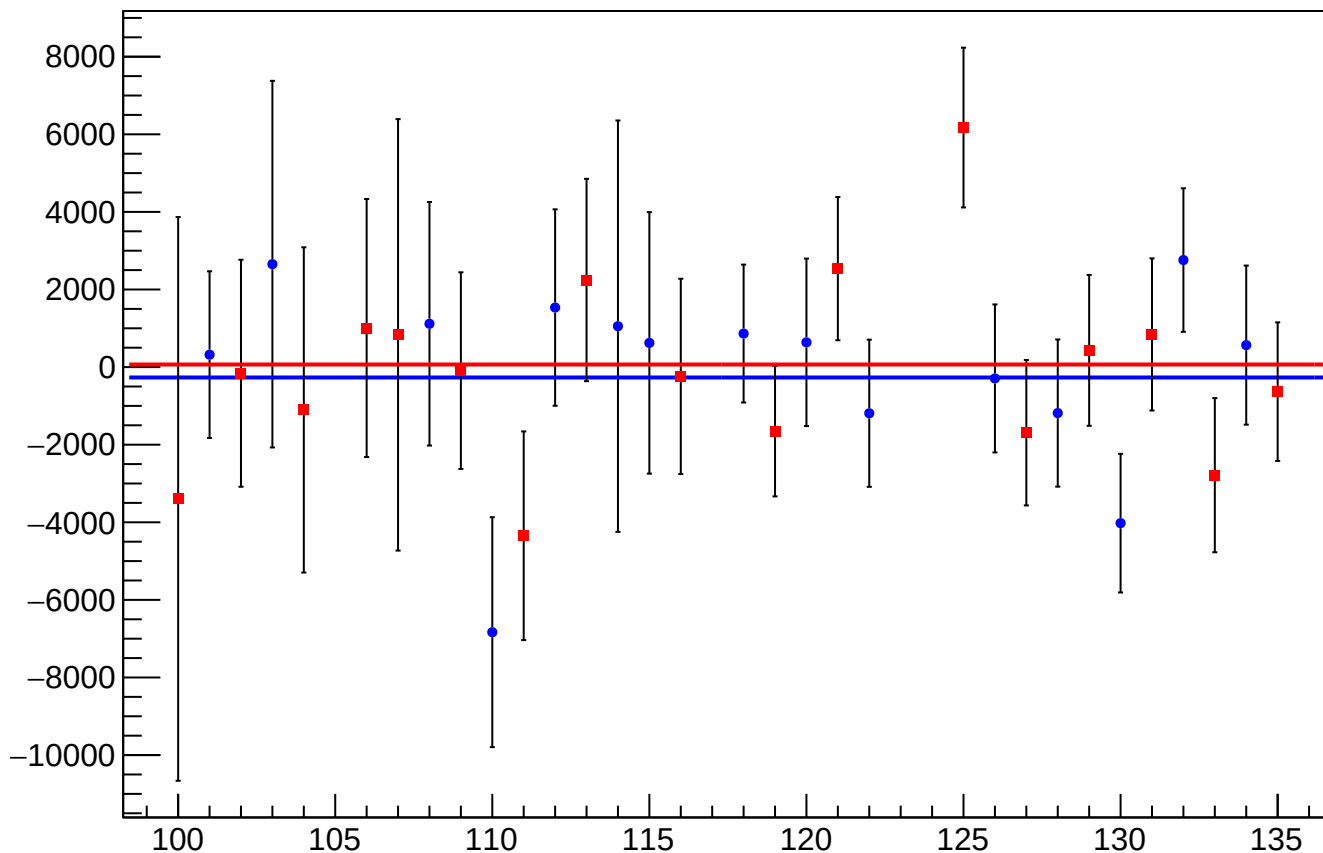
Right Out: 561.851+/-0.163 χ^2/NDF : 2273012.6/16

All: 564.238+/-0.118 χ^2/NDF : 3752904.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_mean vs Slug



Right In: -267.654+/-581.064 χ^2 /NDF: 14.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 67.127+/-561.294 χ^2 /NDF: 18.7/16

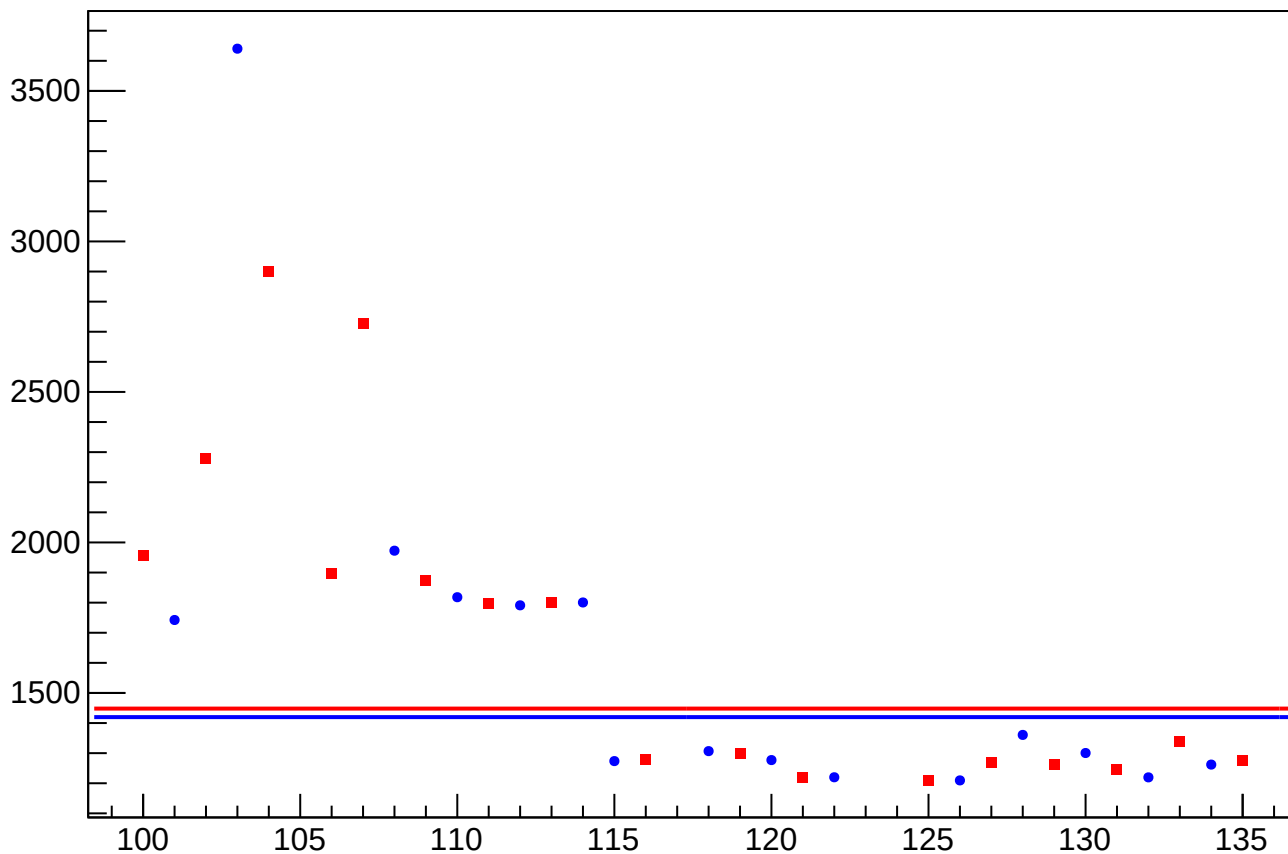
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -94.471+/-403.703 χ^2 /NDF: 33.4/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_rms vs Slug



Right In: 1419.713+/-0.411 χ^2/NDF : 751665.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1448.042+/-0.397 χ^2/NDF : 845007.7/16

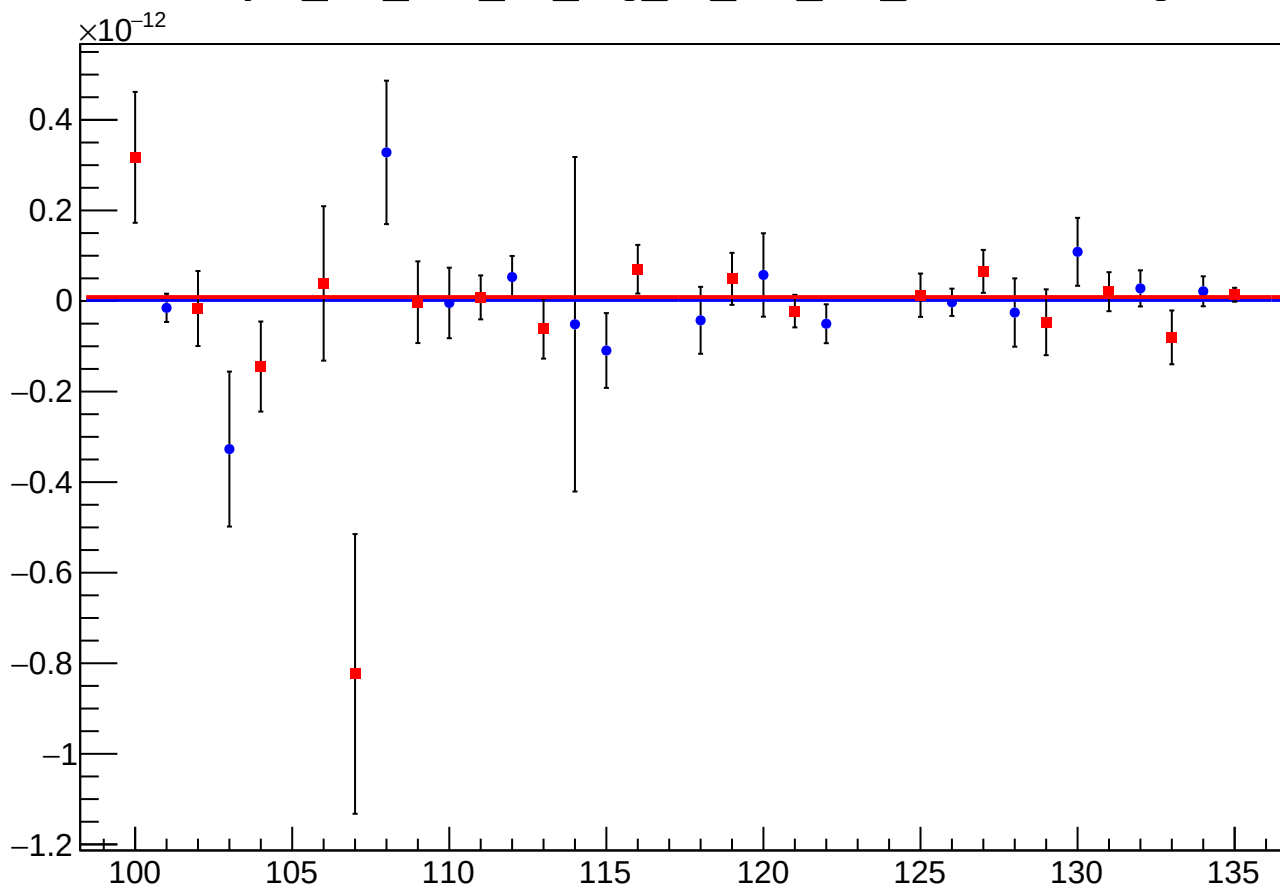
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1434.368+/-0.285 χ^2/NDF : 1599132.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/14

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

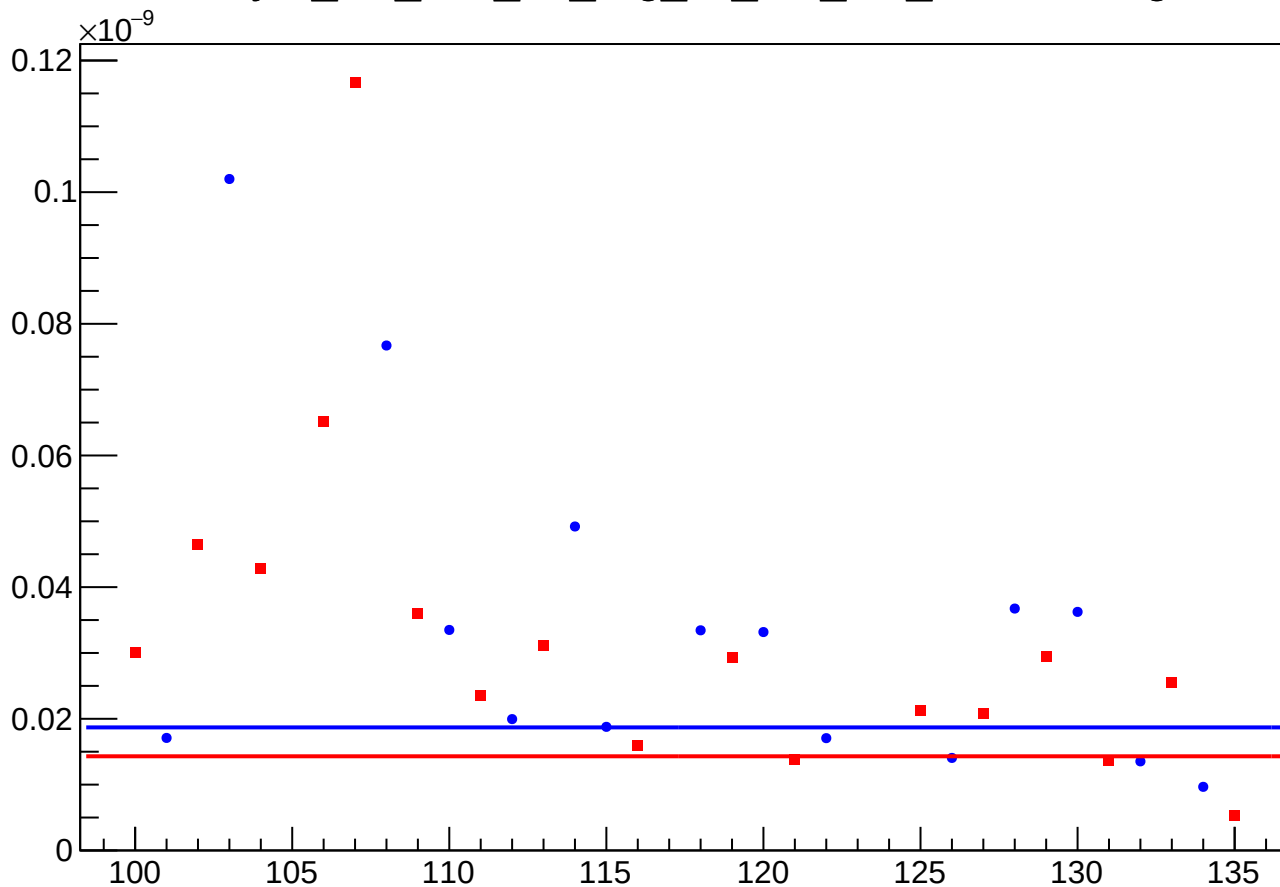
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 39.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1420683.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2257308.9/16

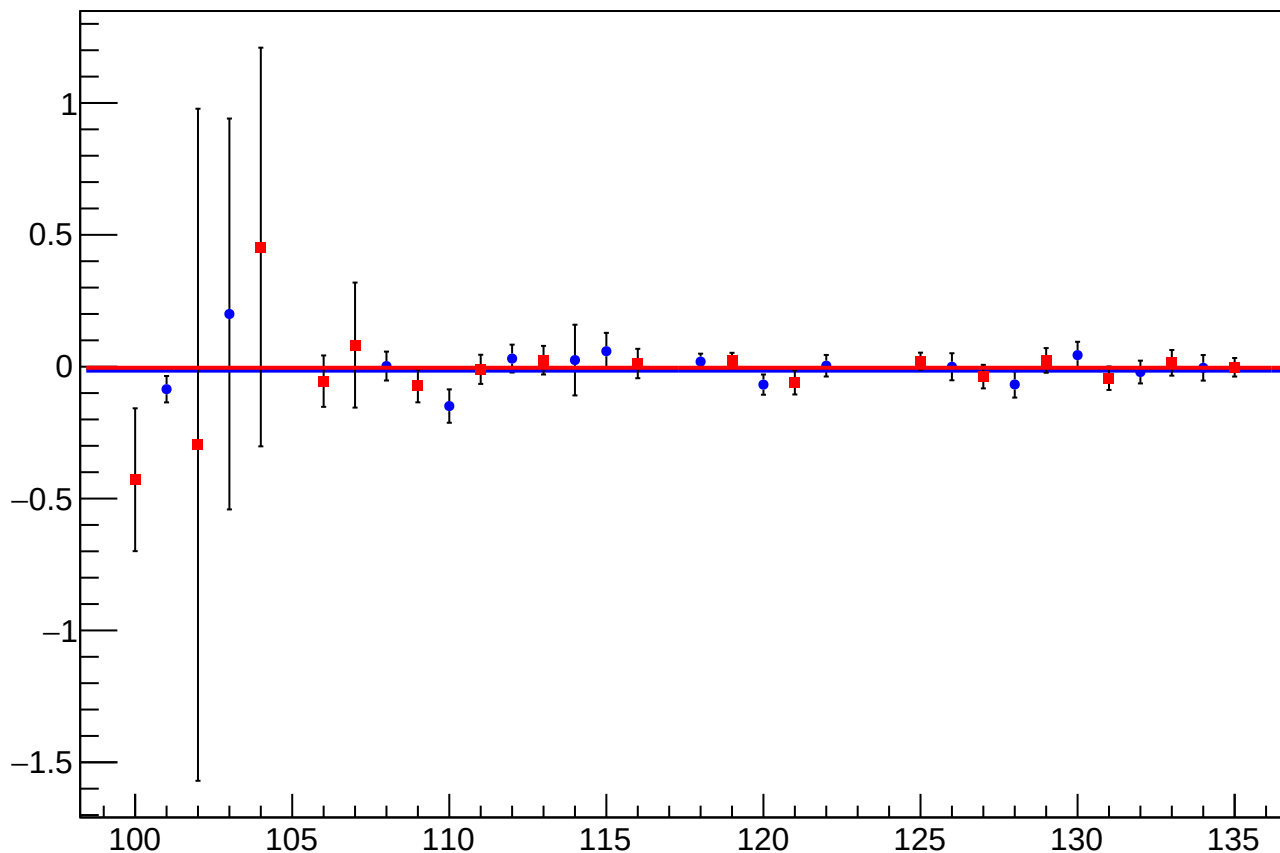
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3810700.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.015 ± 0.013 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.012 χ^2/NDF : 9.7/16

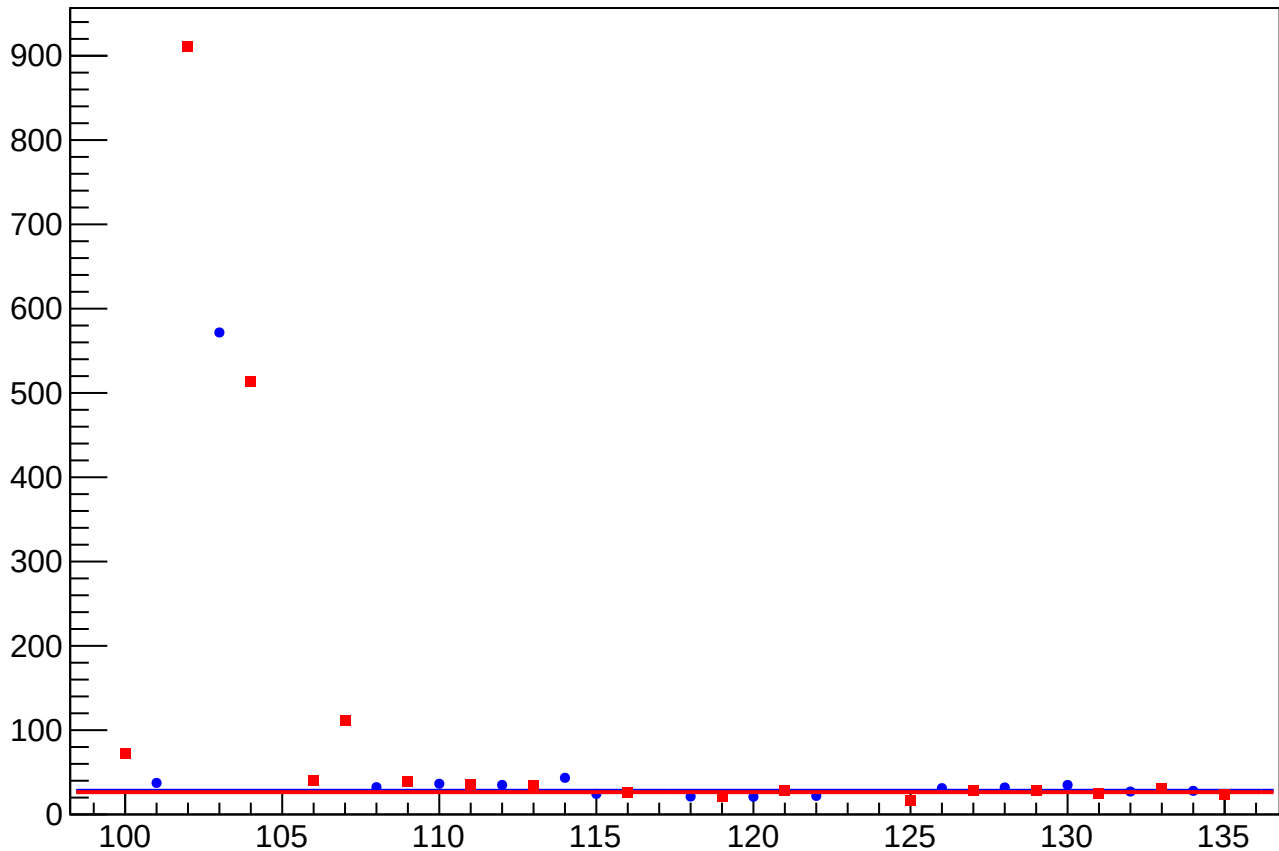
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.009 ± 0.009 χ^2/NDF : 24.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.452+/-0.009 χ^2/NDF : 2613675.8/16

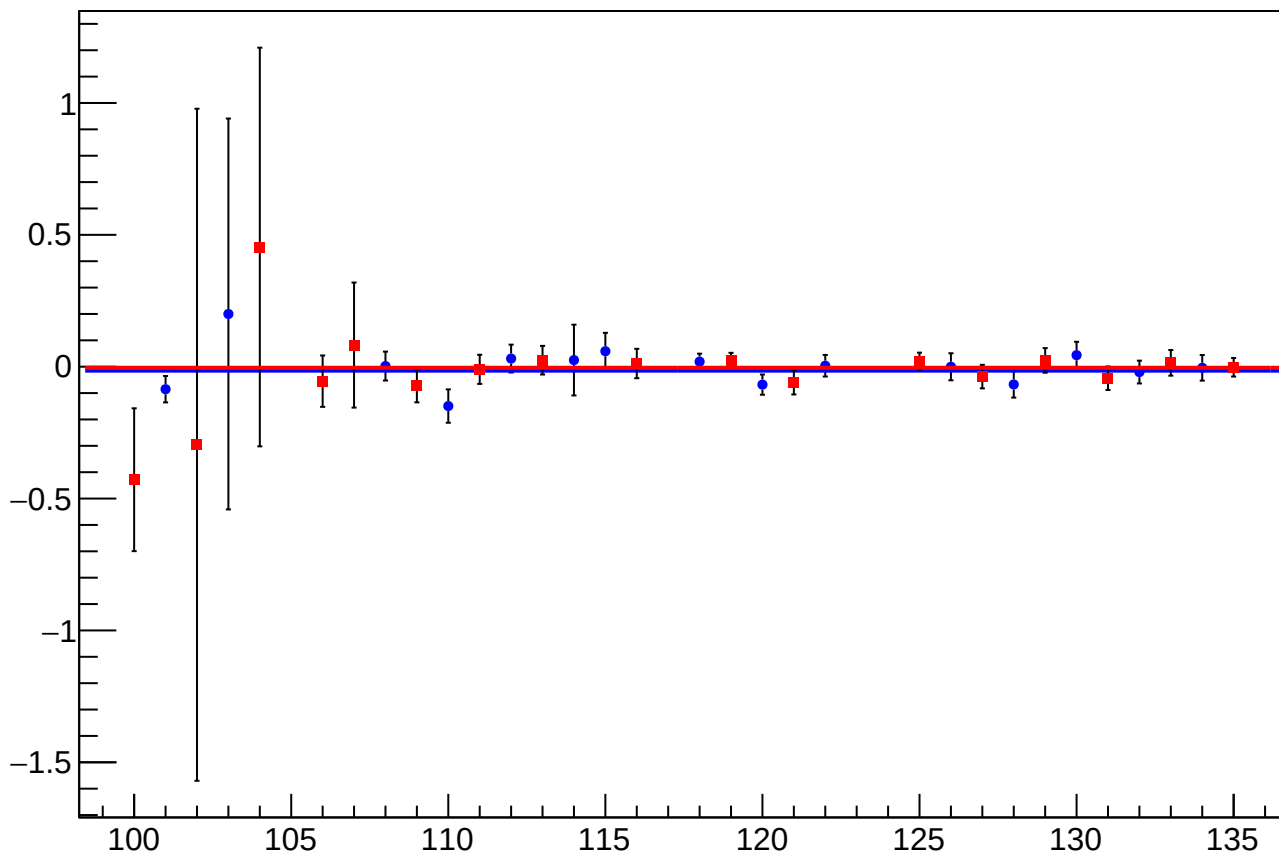
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.222+/-0.006 χ^2/NDF : 4160448.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015+/-0.013 χ^2 /NDF: 14.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.004+/-0.012 χ^2 /NDF: 9.7/16

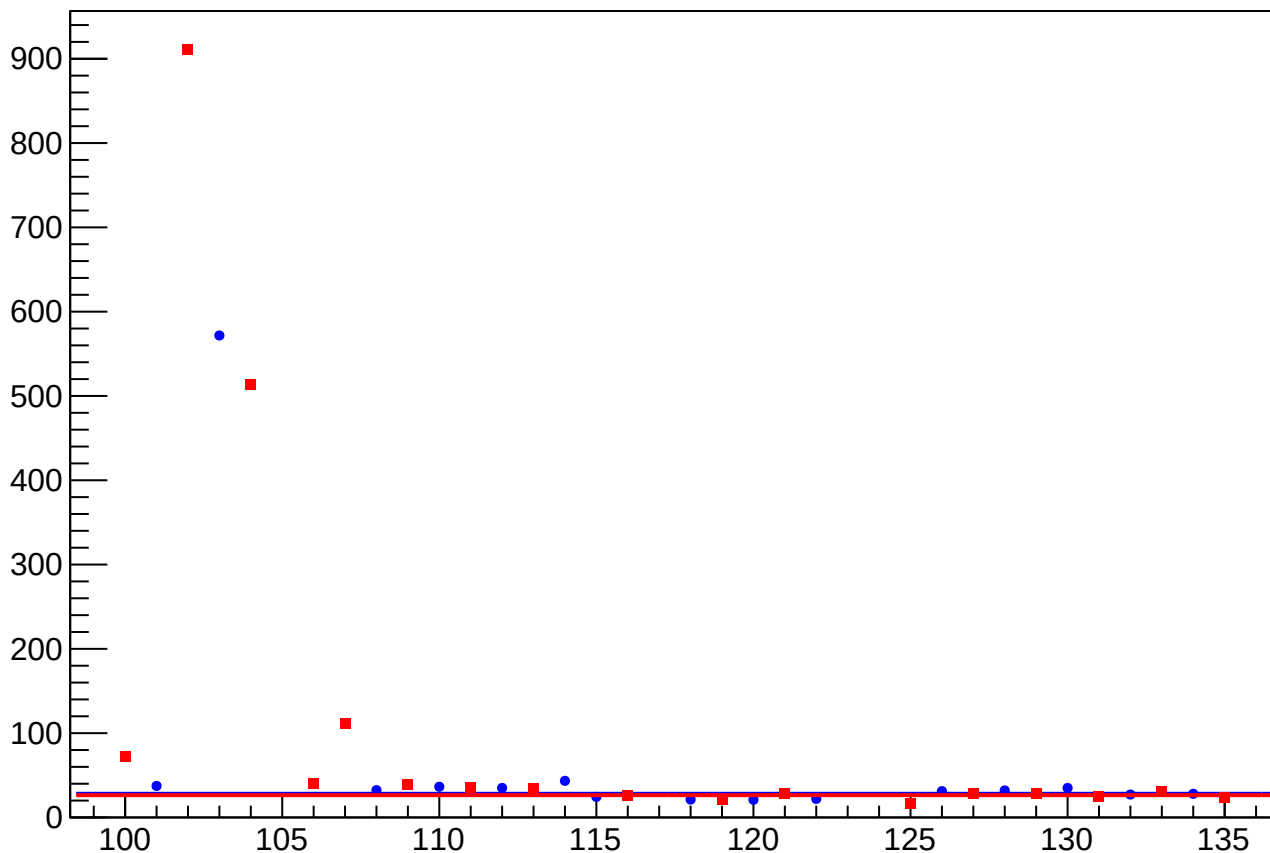
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.009+/-0.009 χ^2 /NDF: 24.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.064+/-0.009 χ^2/NDF : 1530210.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.452+/-0.009 χ^2/NDF : 2613675.8/16

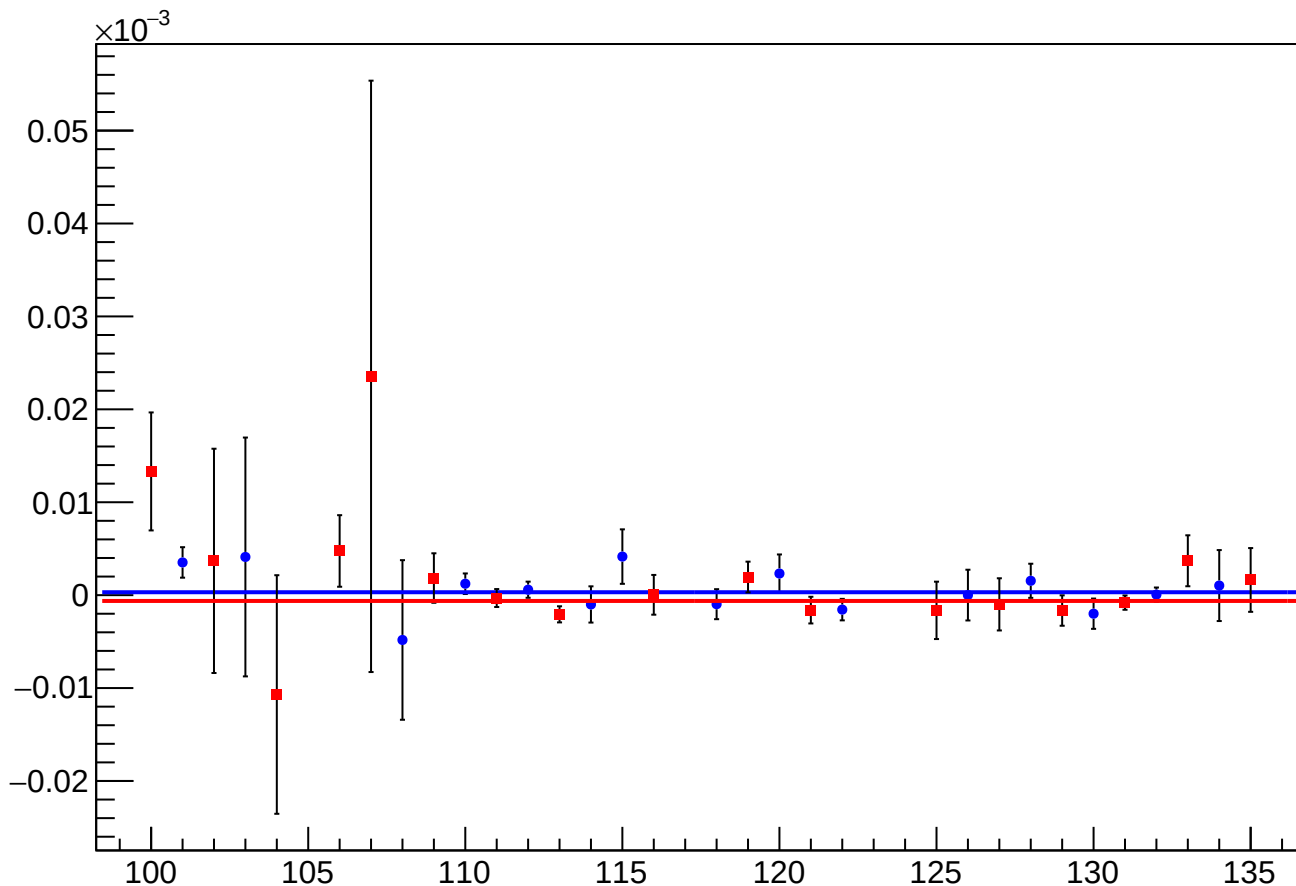
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.222+/-0.006 χ^2/NDF : 4160448.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/16

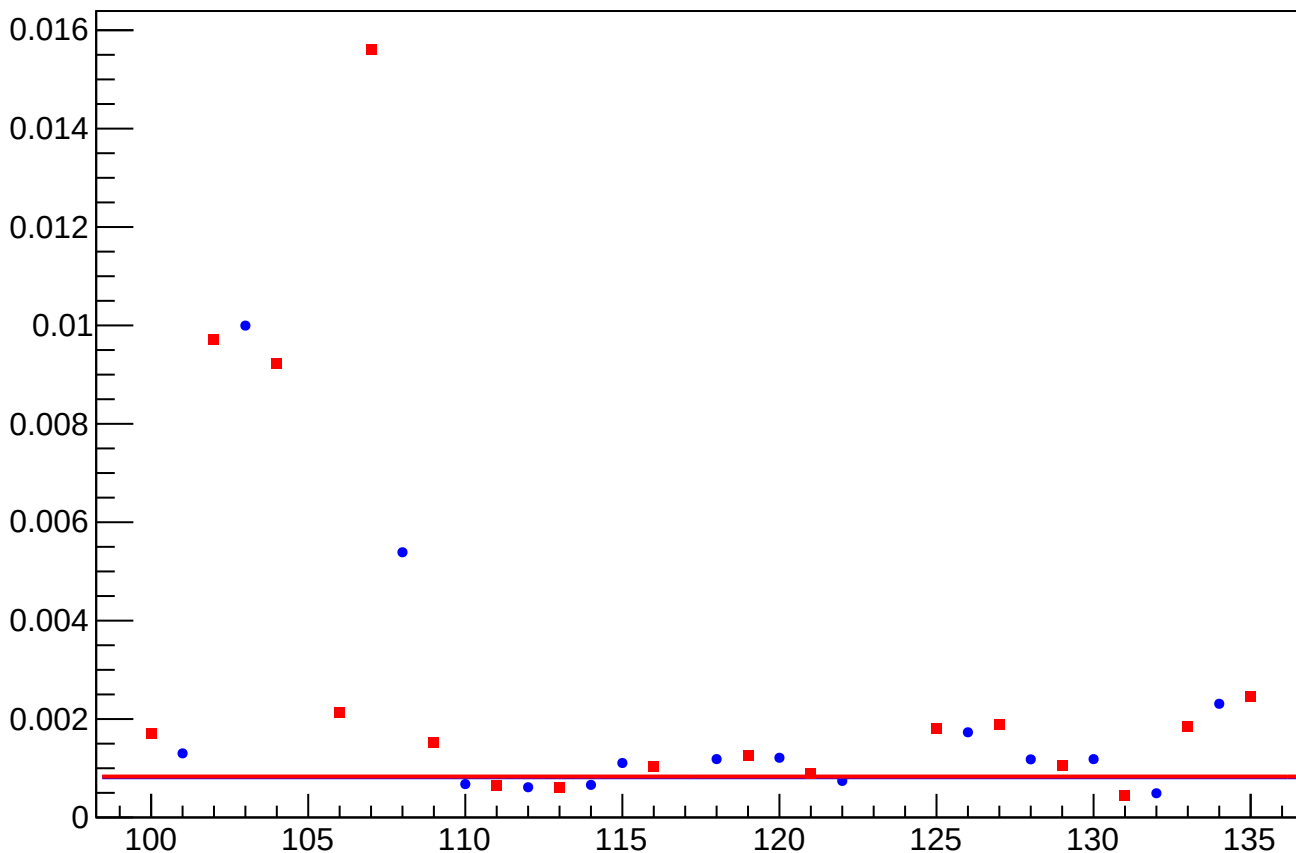
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3195192.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4887995.1/16

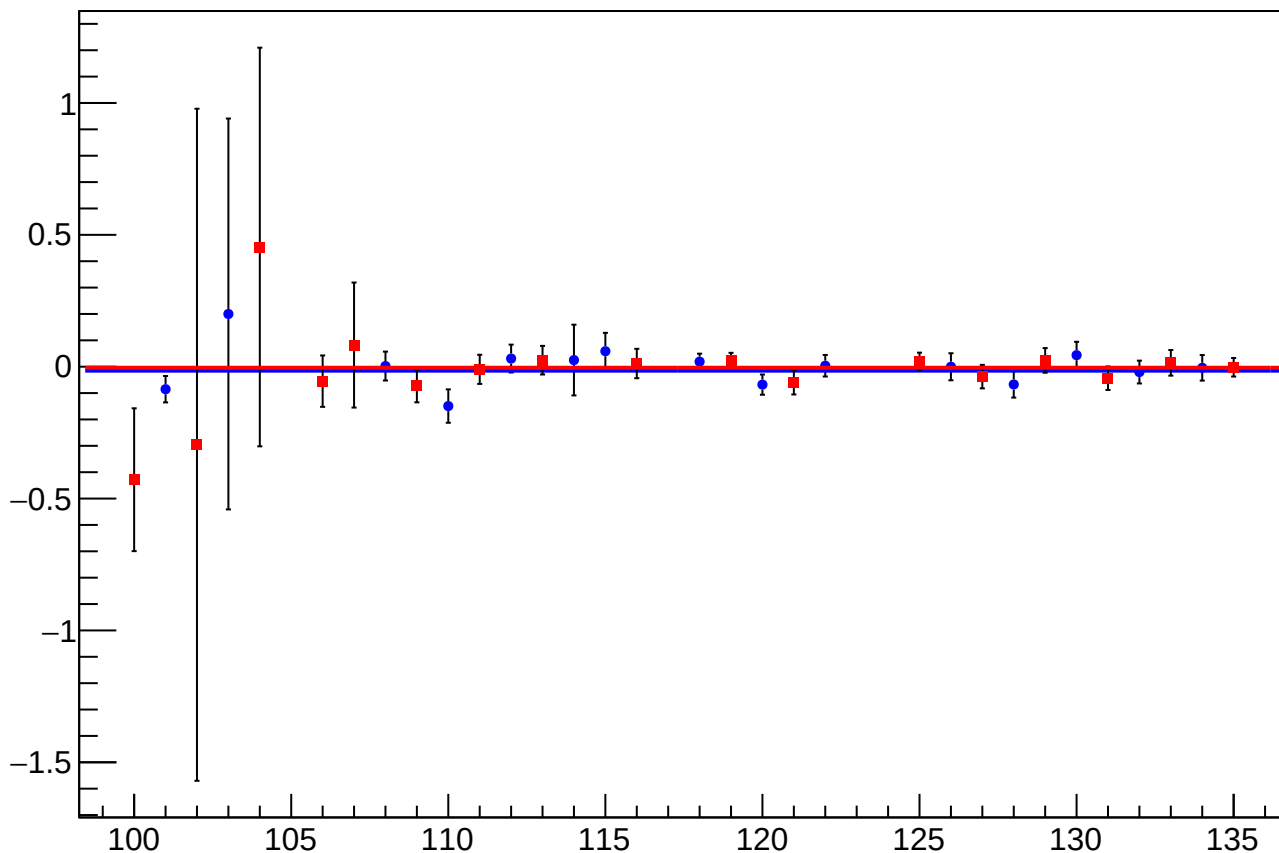
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8084473.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.015+/-0.013 χ^2 /NDF: 14.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.004+/-0.012 χ^2 /NDF: 9.7/16

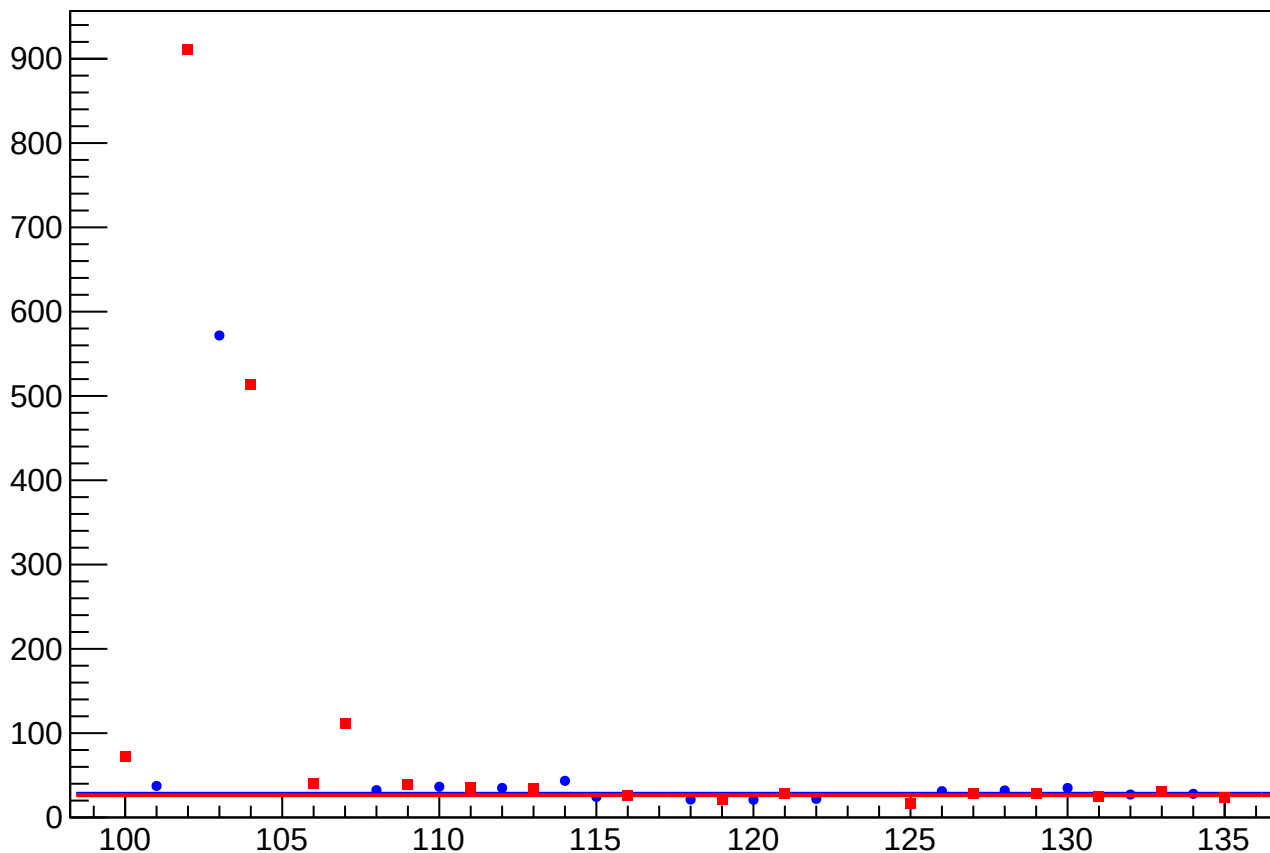
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.009+/-0.009 χ^2 /NDF: 24.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.452+/-0.009 χ^2/NDF : 2613693.6/16

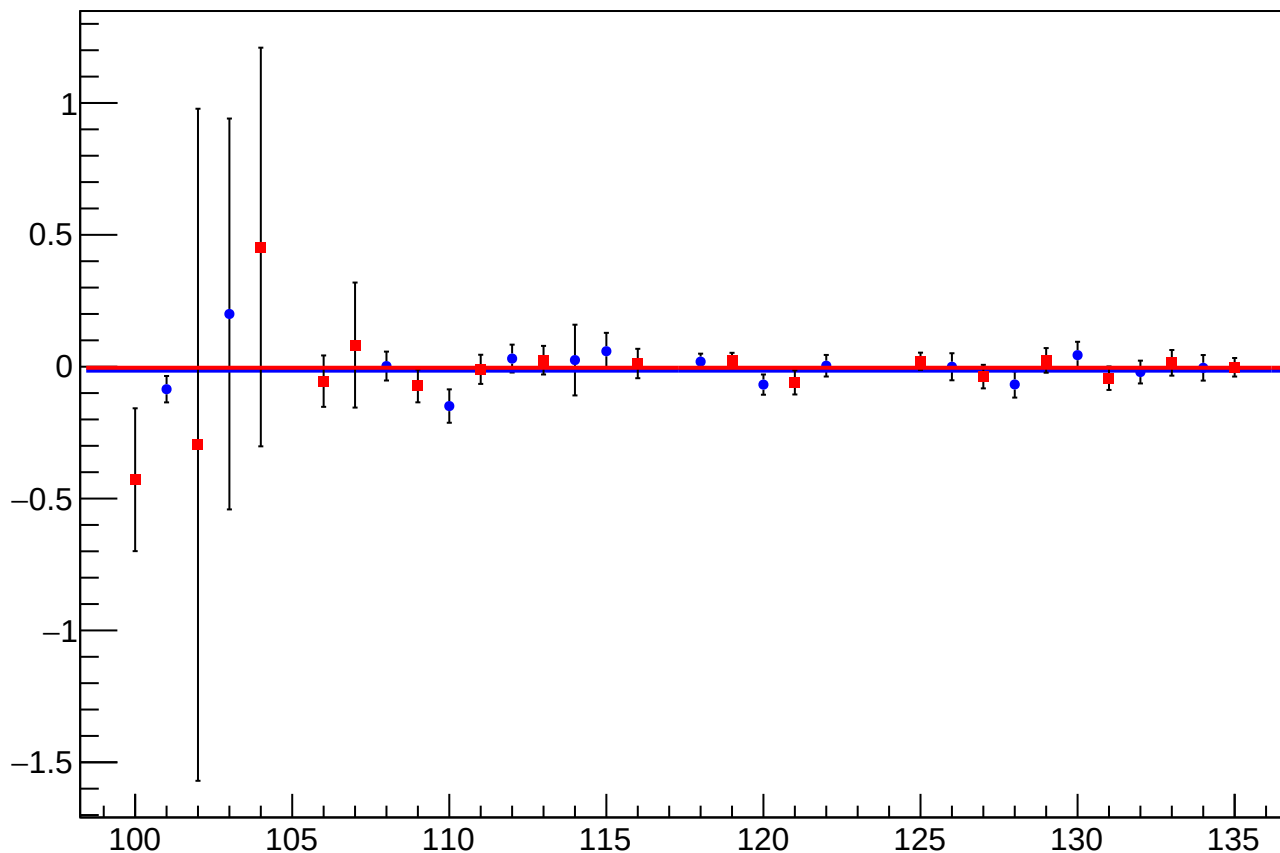
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.222+/-0.006 χ^2/NDF : 4160460.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.015+/-0.013 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.012 χ^2/NDF : 9.7/16

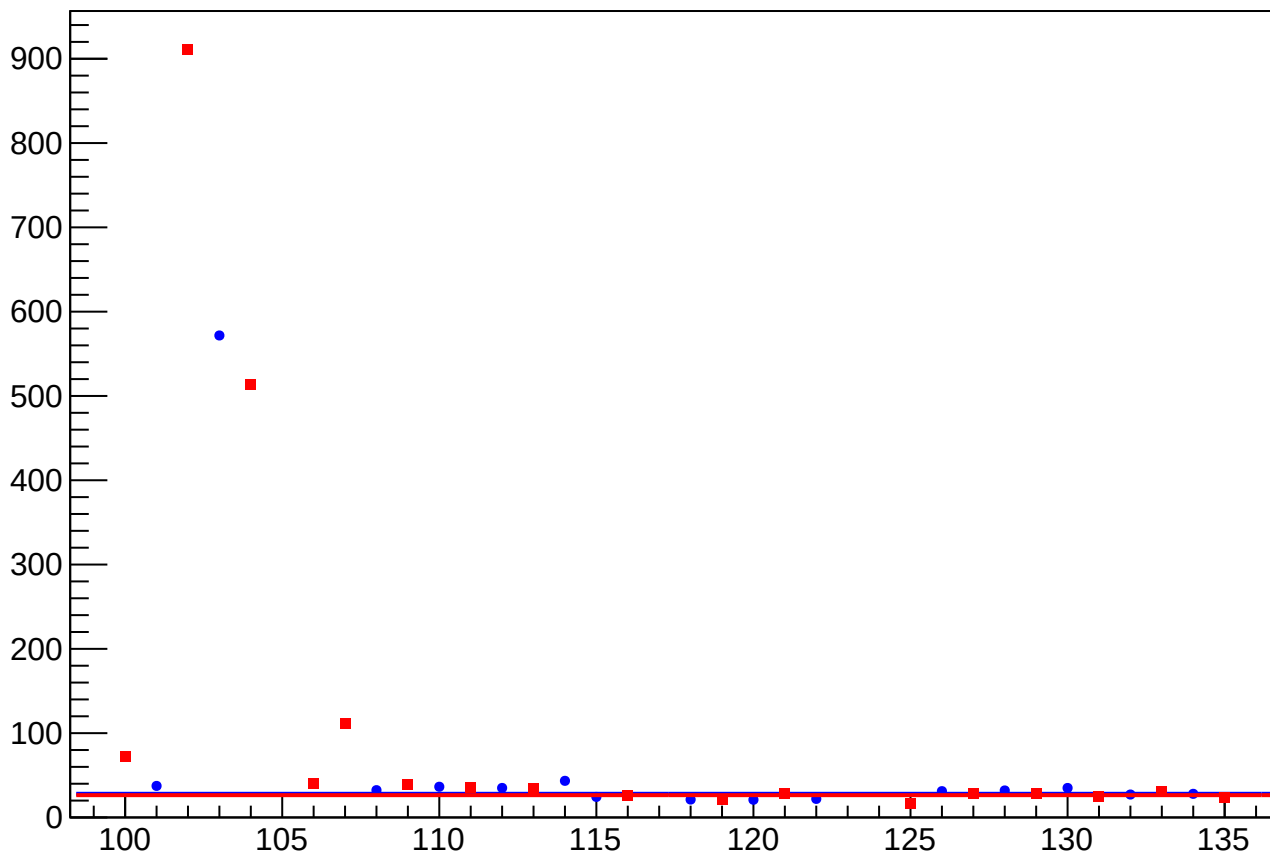
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.009+/-0.009 χ^2/NDF : 24.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.064+/-0.009 χ^2/NDF : 1530204.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 26.452+/-0.009 χ^2/NDF : 2613693.6/16

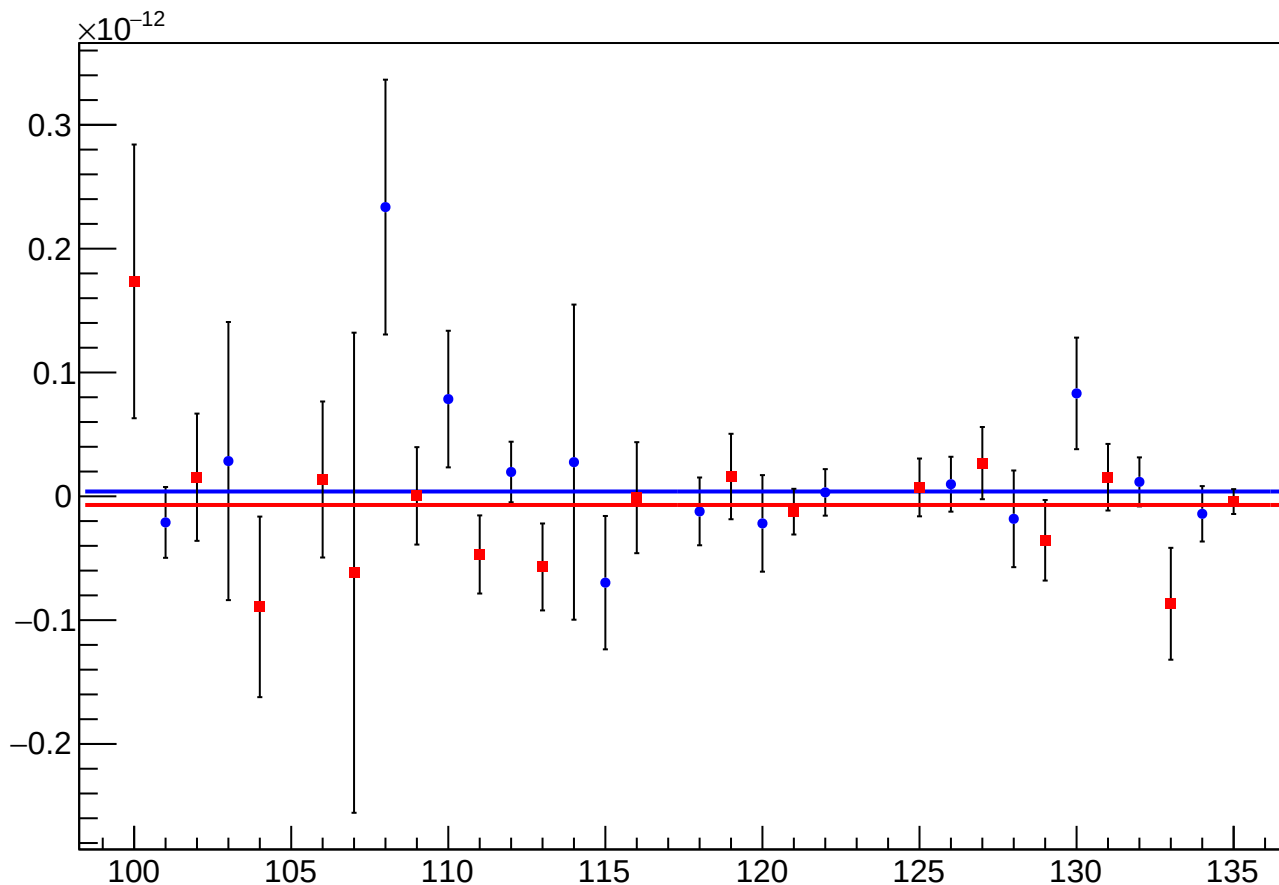
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.222+/-0.006 χ^2/NDF : 4160460.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.9/16

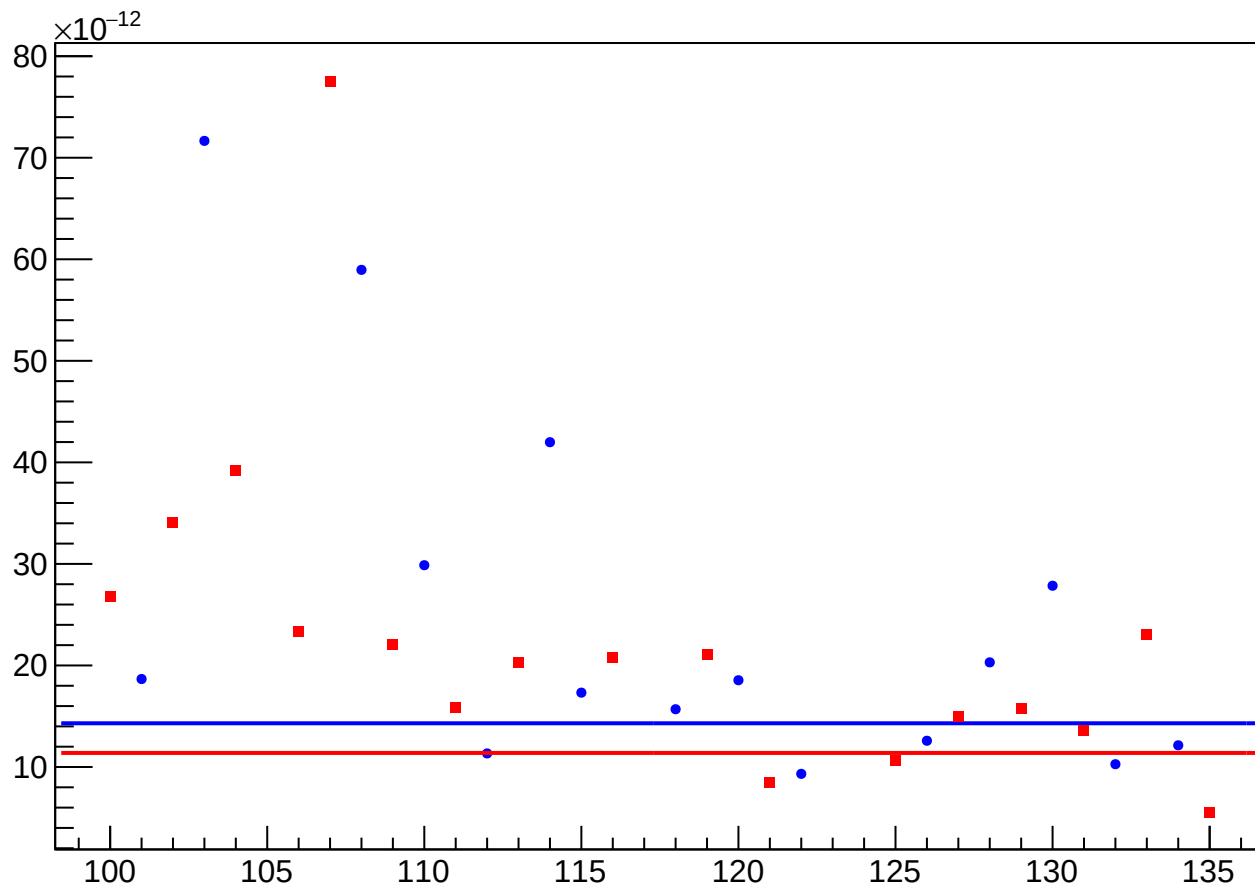
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1745389.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2539877.2/16

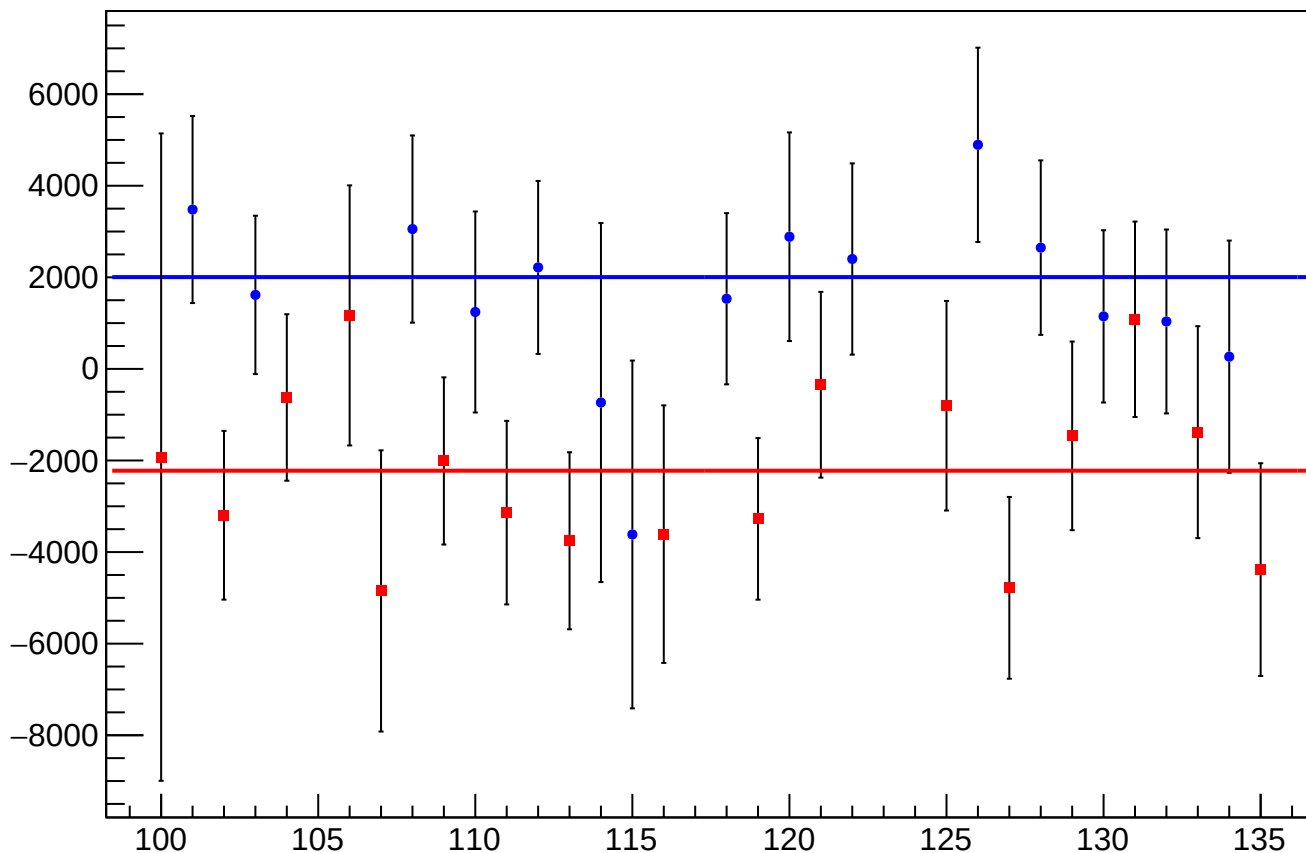
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4449638.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_mean vs Slug



Right In: 2004.555 $\pm$ 548.174 χ^2 /NDF: 6.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2223.353 $\pm$ 525.082 χ^2 /NDF: 11.1/16

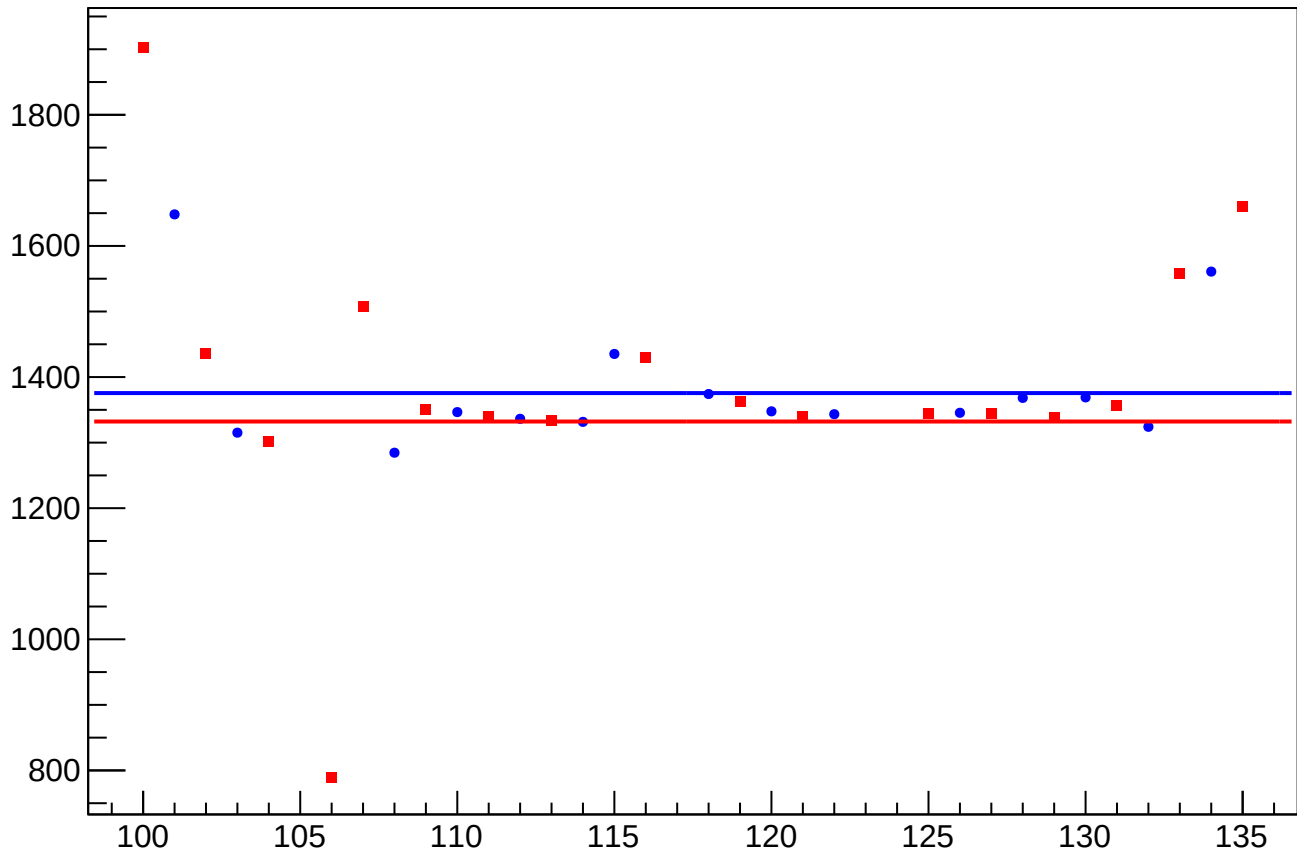
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -200.327 $\pm$ 379.190 χ^2 /NDF: 48.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_rms vs Slug



Right In: 1375.560 $\pm$ 0.388 χ^2 /NDF: 57215.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1332.187 $\pm$ 0.359 χ^2 /NDF: 305203.2/16

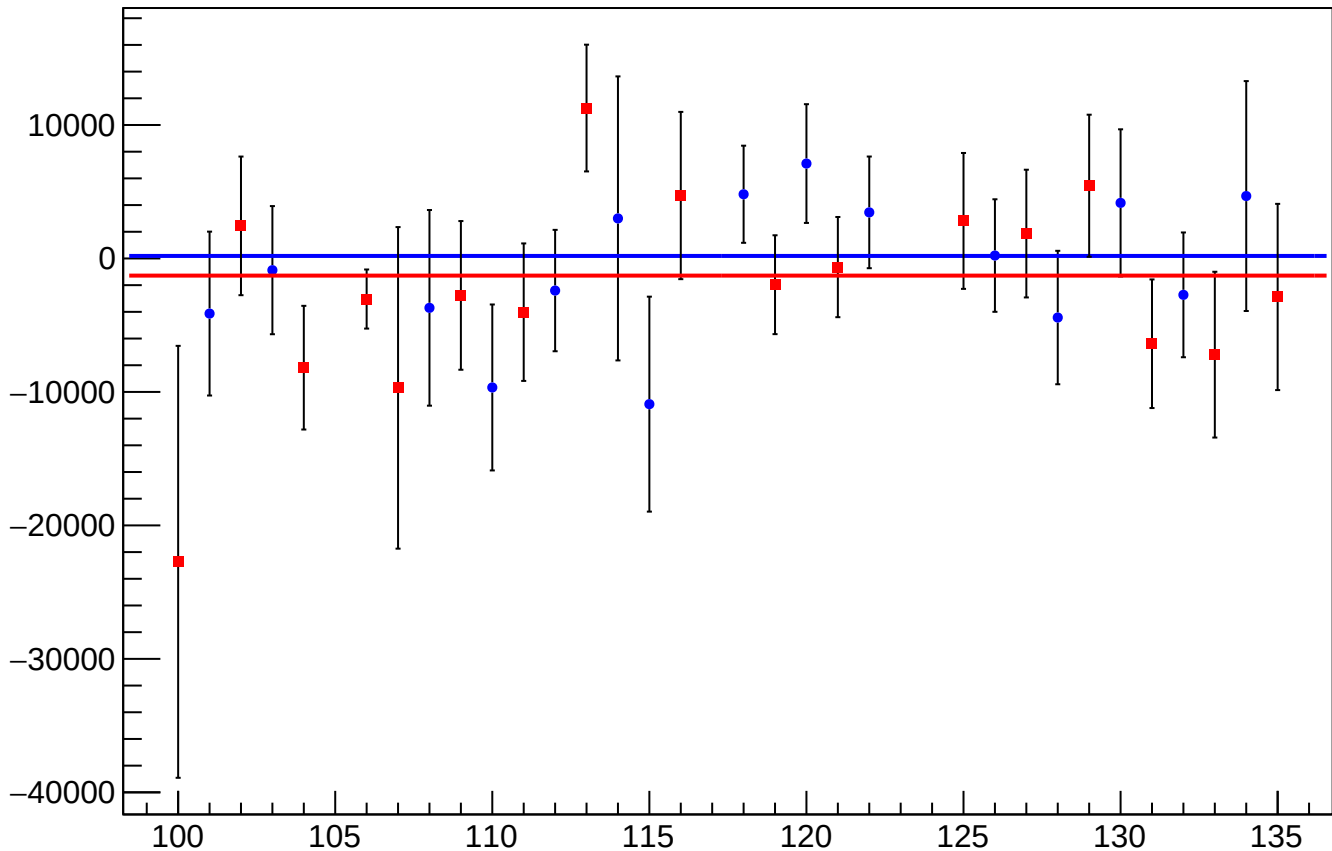
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1352.240 $\pm$ 0.264 χ^2 /NDF: 369150.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_mean vs Slug



Right In: 189.553 $\pm$ 1337.917 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1284.389 $\pm$ 1125.732 χ^2 /NDF: 18.7/16

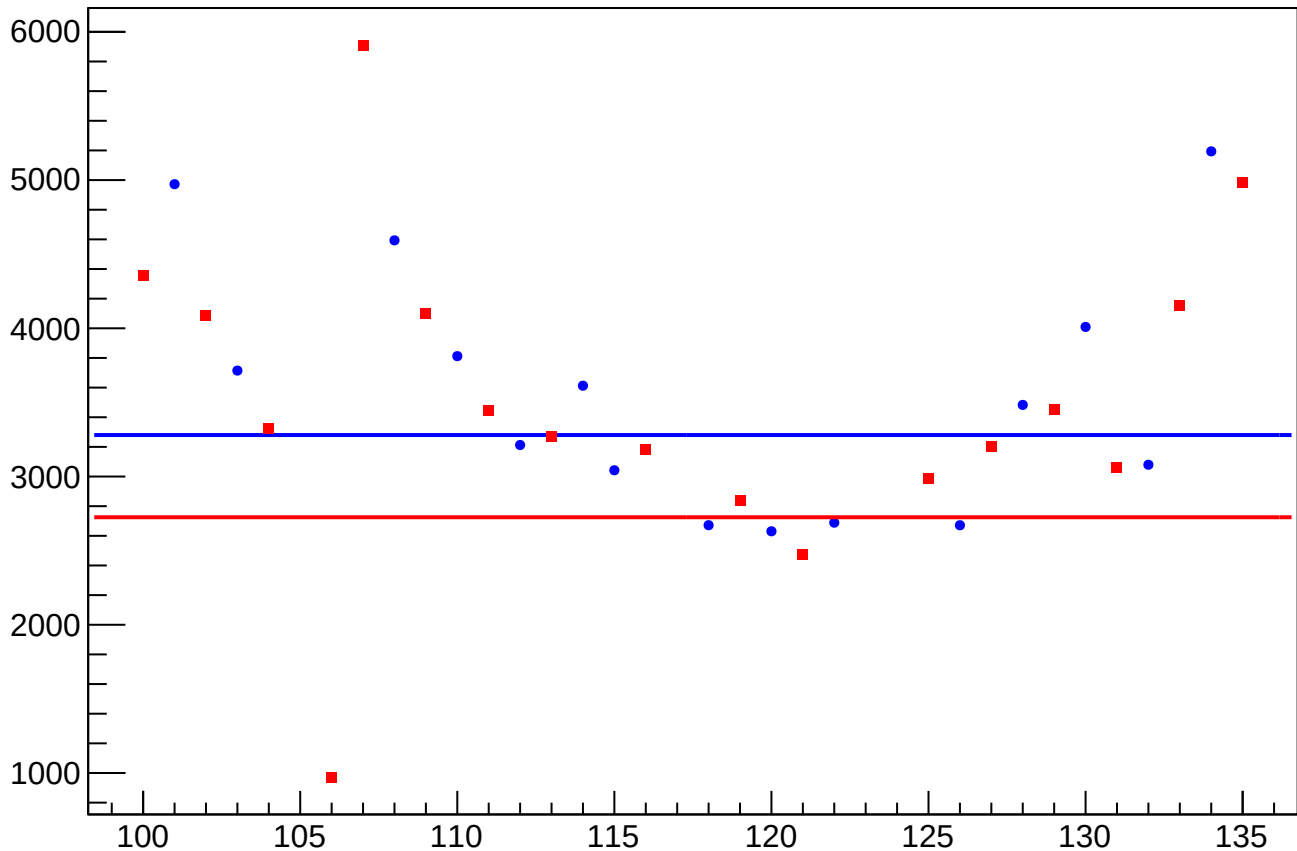
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -673.428 $\pm$ 861.381 χ^2 /NDF: 31.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_correction_rms vs Slug



Right In: 3279.973+/-0.946 χ^2/NDF : 572191.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2725.317+/-0.796 χ^2/NDF : 2183530.8/16

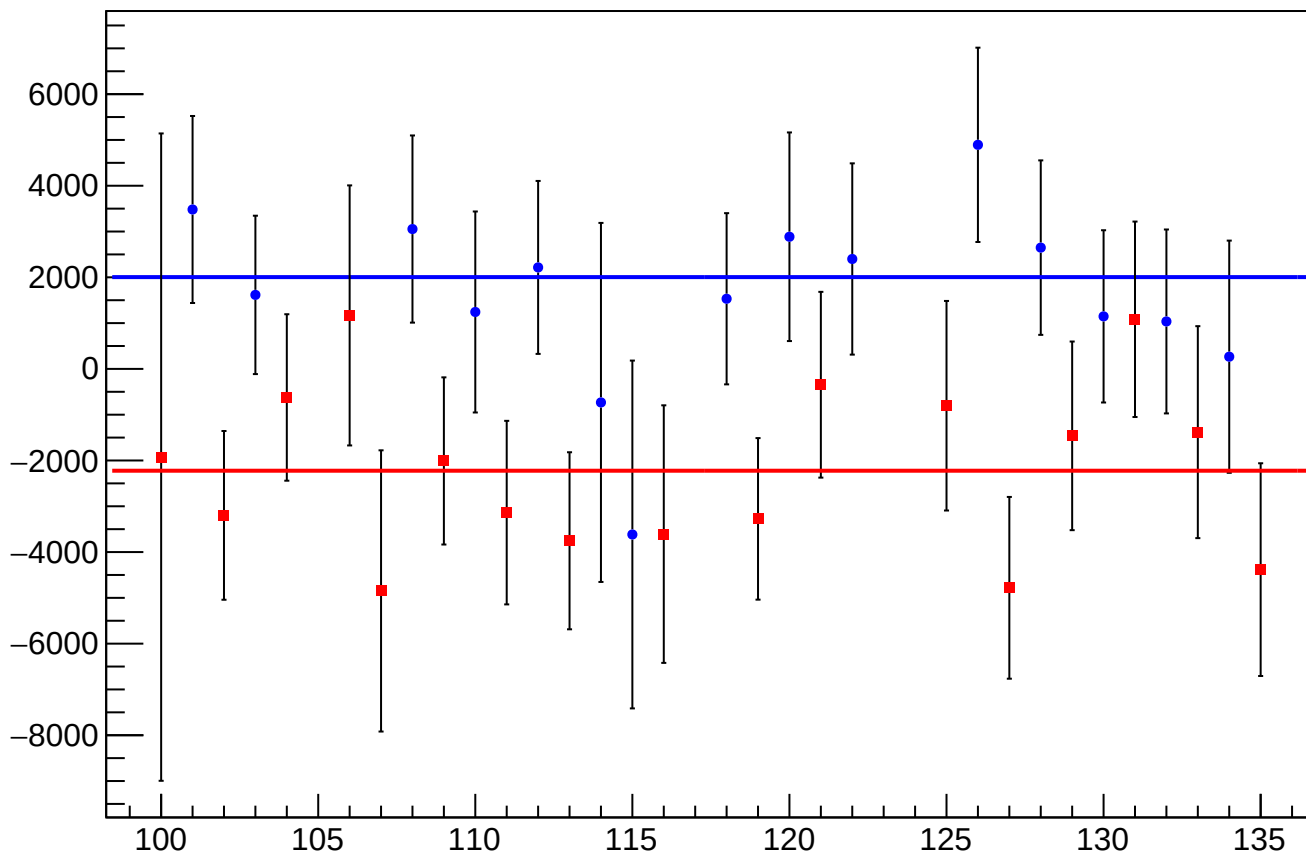
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2955.226+/-0.609 χ^2/NDF : 2956974.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2004.656+/-548.174 χ^2/NDF : 6.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2223.546+/-525.085 χ^2/NDF : 11.1/16

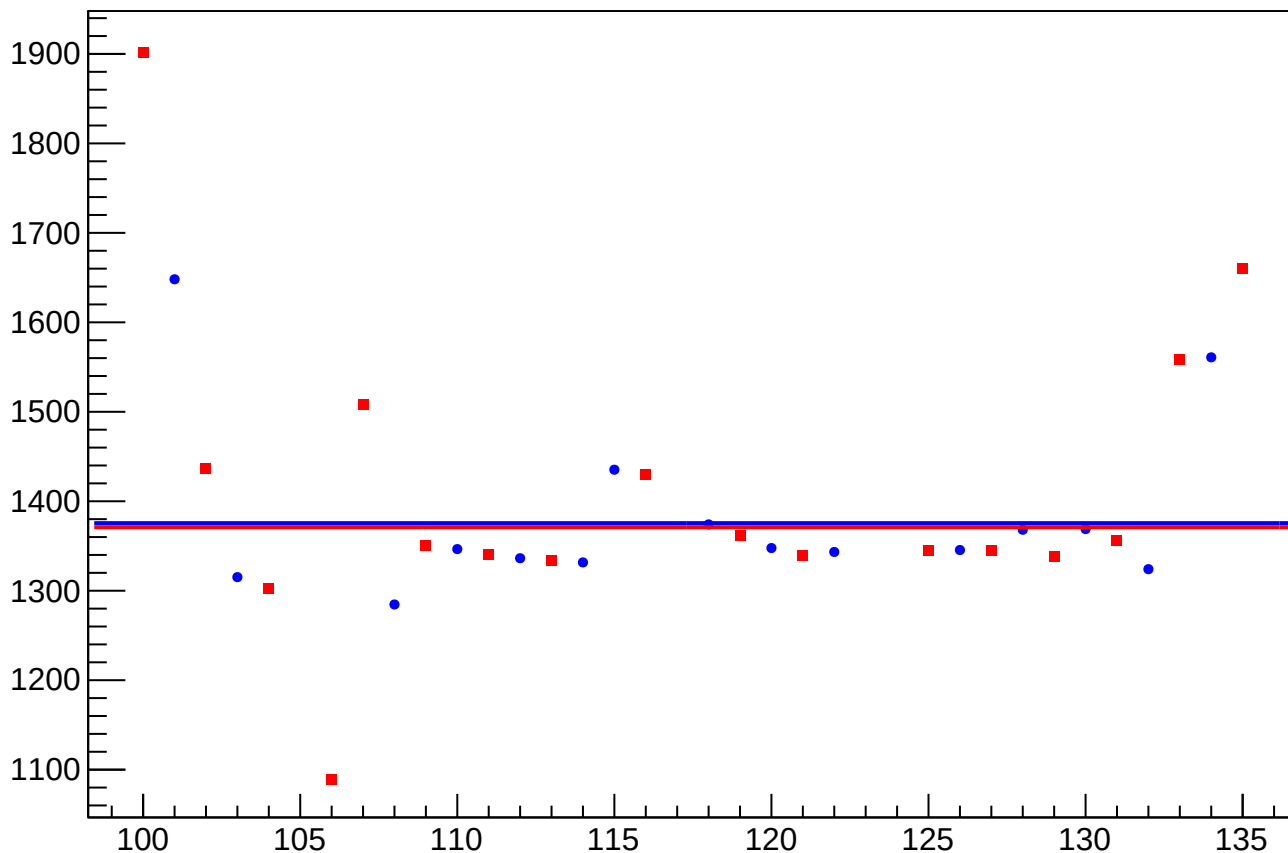
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -200.365+/-379.191 χ^2/NDF : 48.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1375.560+/-0.388 χ^2/NDF : 57215.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1370.964+/-0.366 χ^2/NDF : 104634.0/16

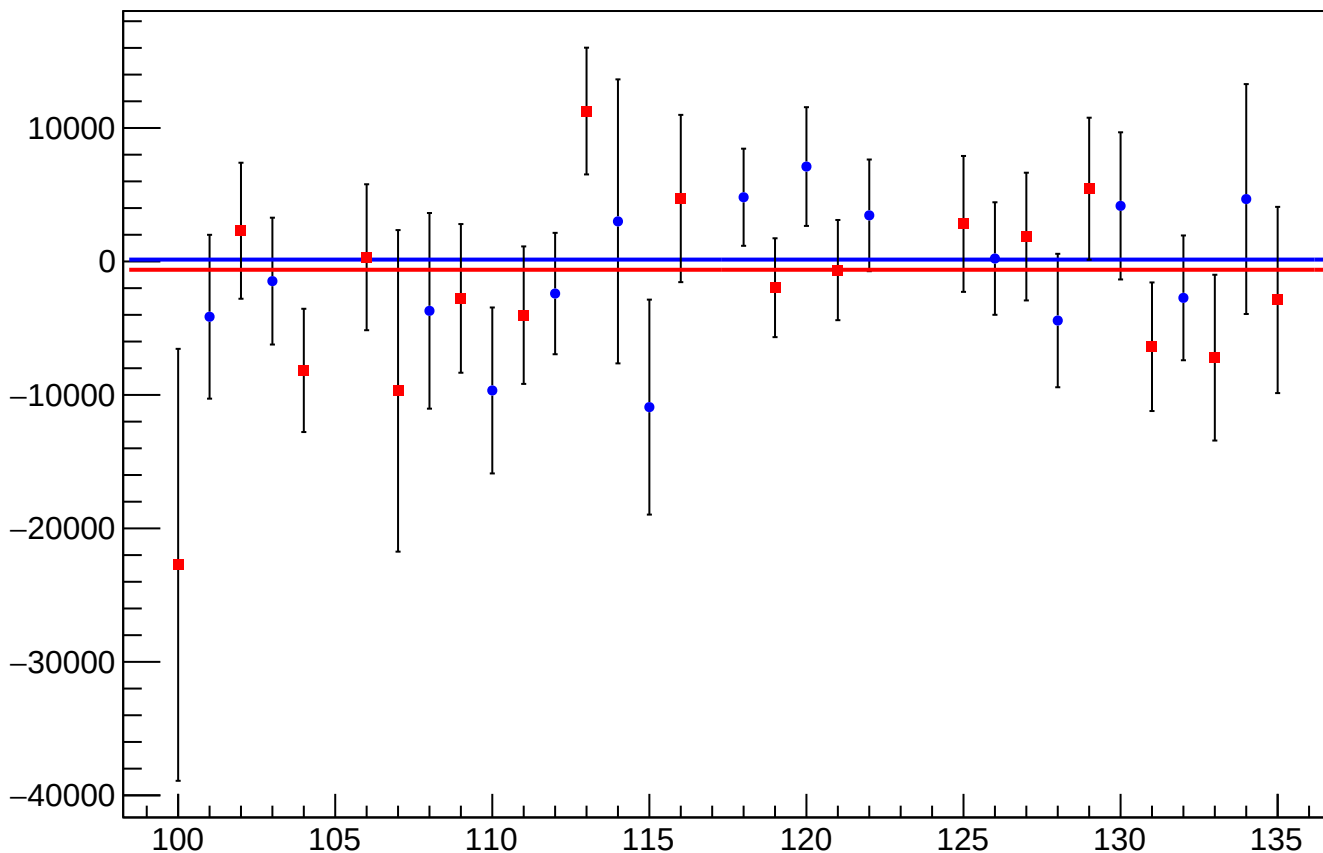
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1373.132+/-0.266 χ^2/NDF : 161923.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_mean vs Slug



Right In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -623.026+/-1269.680 χ^2/NDF : 17.9/16

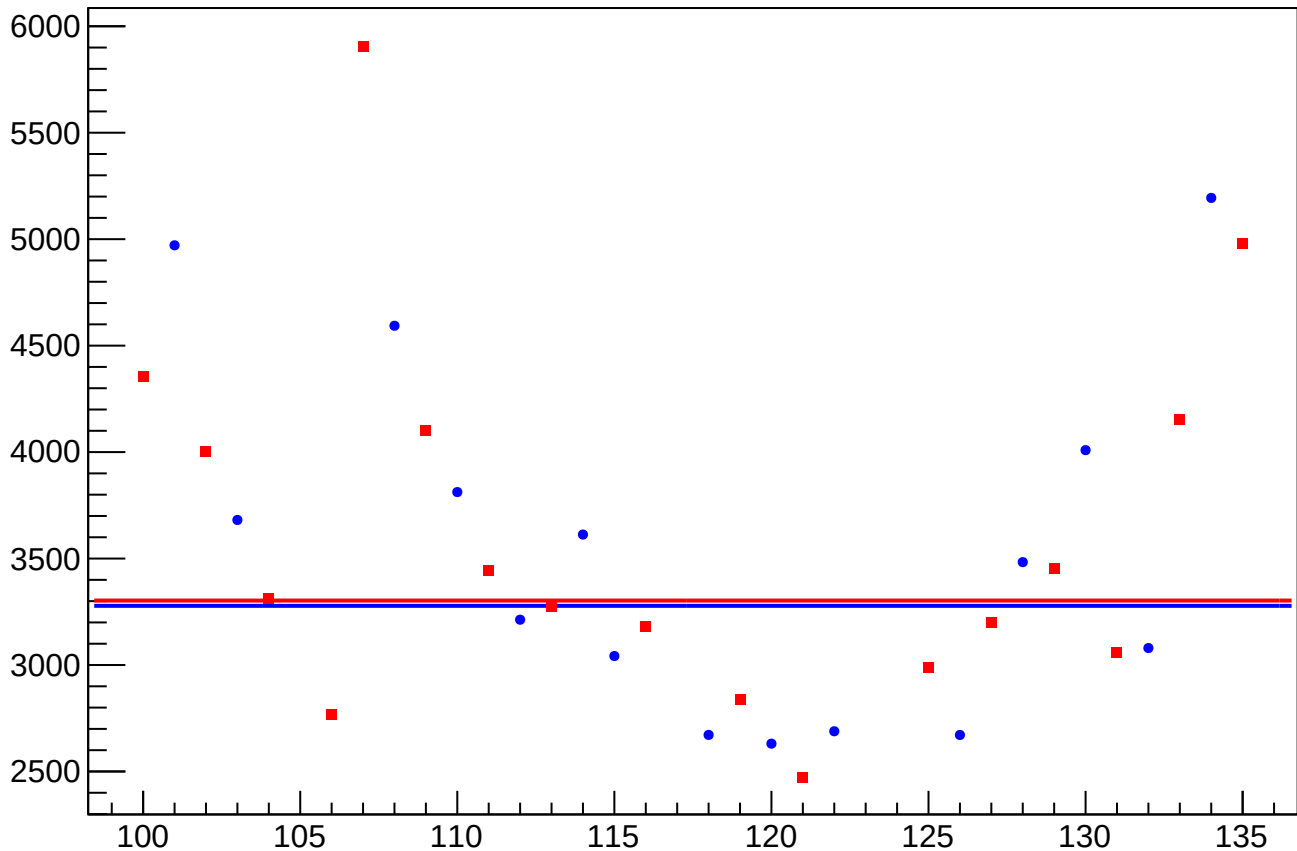
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.086+/-920.624 χ^2/NDF : 30.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_cor_correction_rms vs Slug



Right In: 3277.998 $\pm$ 0.945 χ^2 /NDF: 569920.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3302.787 $\pm$ 0.898 χ^2 /NDF: 499479.6/16

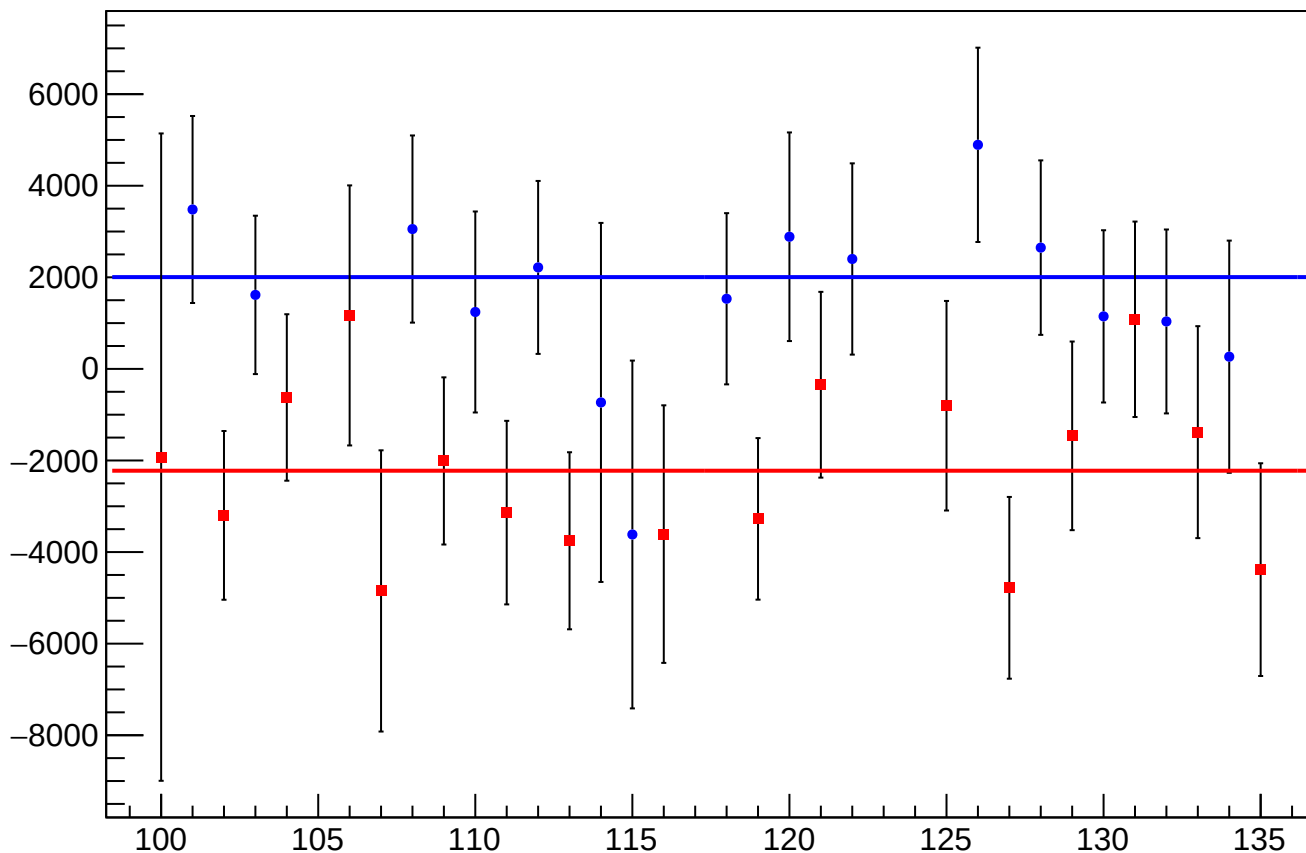
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3291.031 $\pm$ 0.651 χ^2 /NDF: 1069761.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_mean vs Slug



Right In: 2004.656 $\pm$ 548.174 χ^2 /NDF: 6.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2223.546 $\pm$ 525.085 χ^2 /NDF: 11.1/16

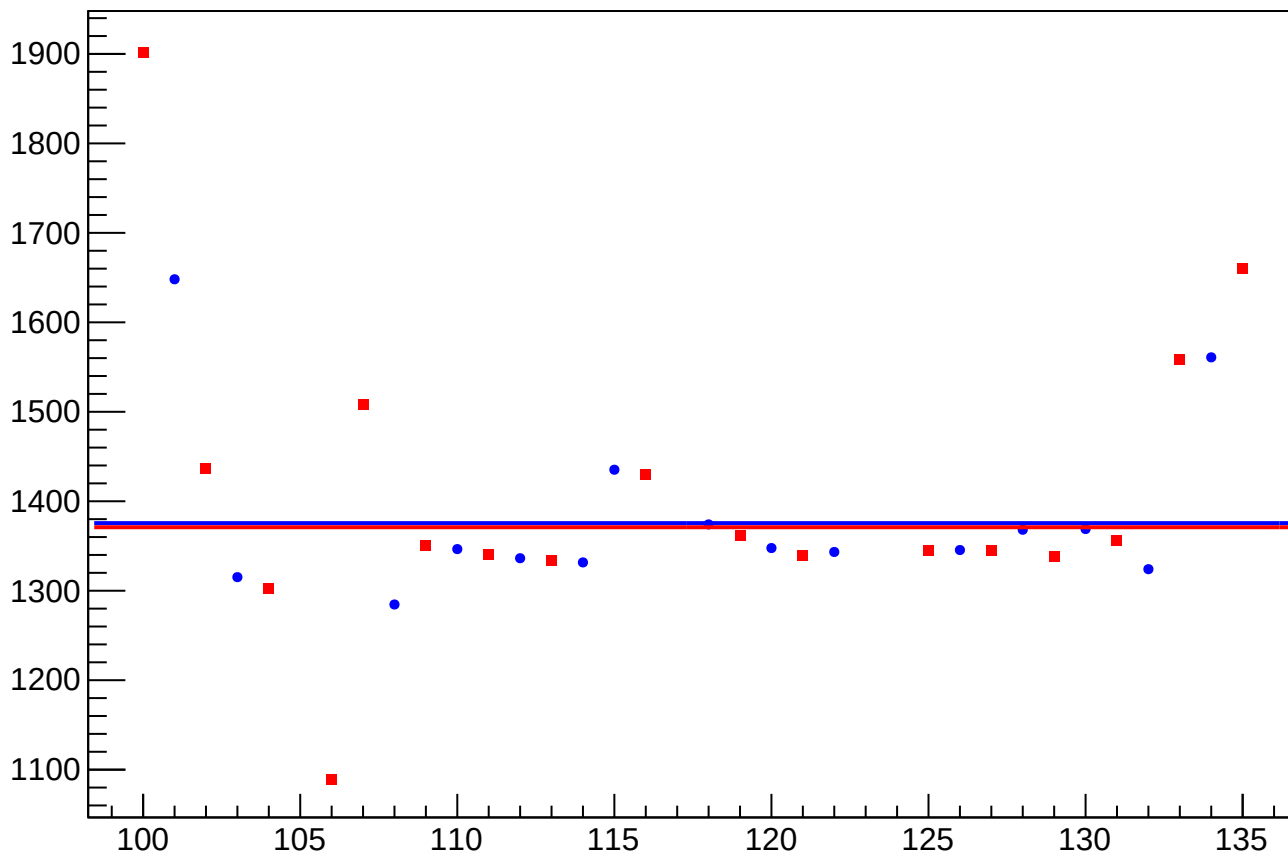
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -200.365 $\pm$ 379.191 χ^2 /NDF: 48.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usl_atl2_avg_rms vs Slug



Right In: 1375.560 $\pm$ 0.388 χ^2 /NDF: 57215.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

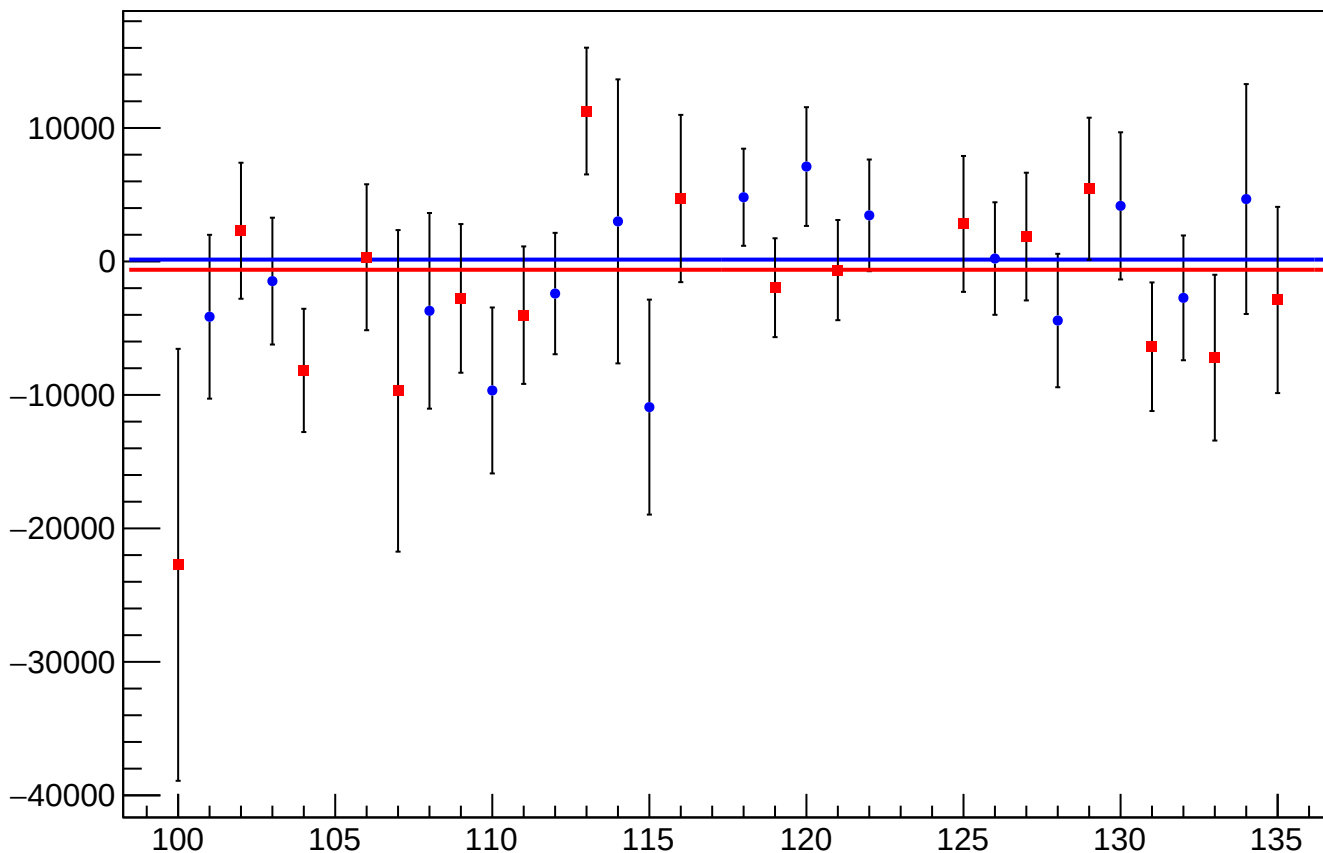
Right Out: 1370.964 $\pm$ 0.366 χ^2 /NDF: 104634.0/16

All: 1373.132 $\pm$ 0.266 χ^2 /NDF: 161923.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_mean vs Slug



Right In: 140.152+/-1336.832 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -623.026+/-1269.680 χ^2/NDF : 17.9/16

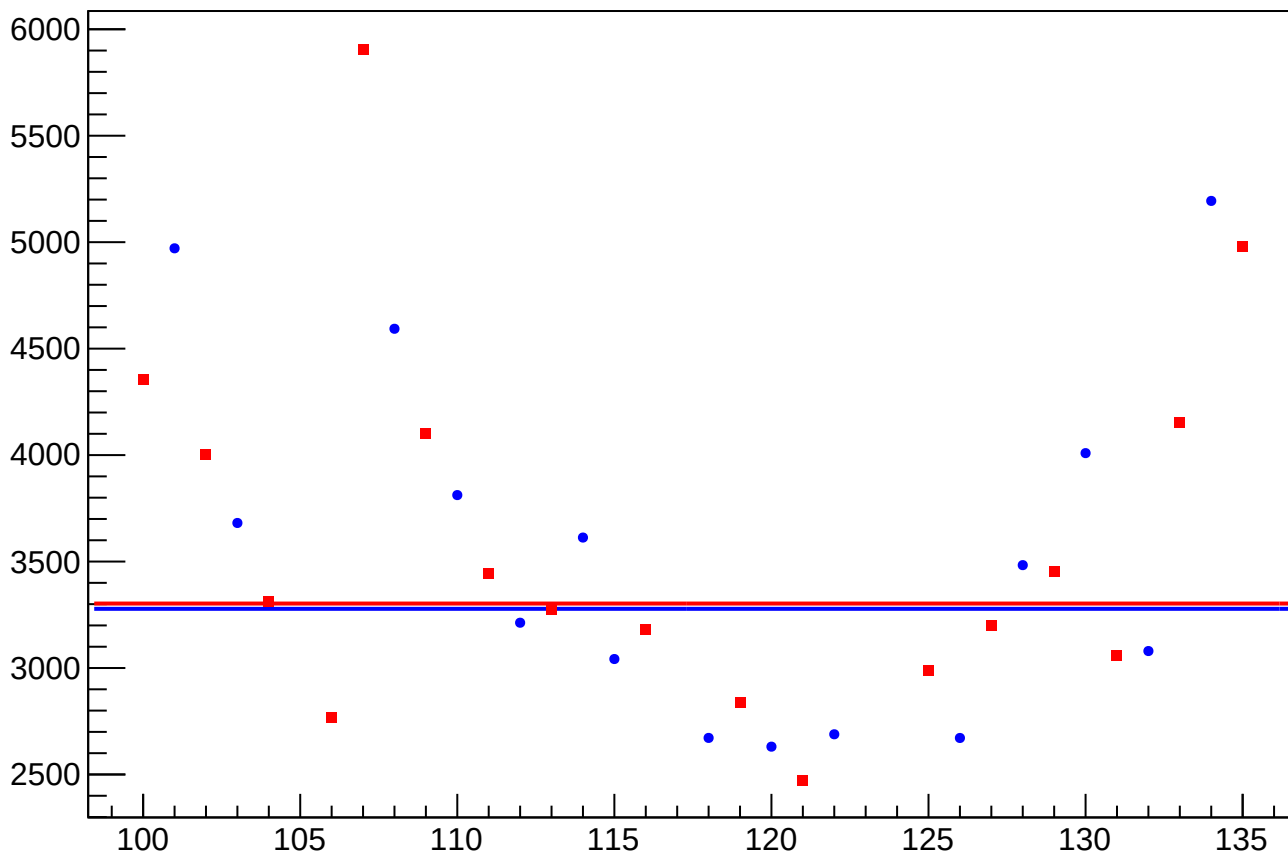
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -261.086+/-920.624 χ^2/NDF : 30.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_correction_rms vs Slug



Right In: 3277.998 $\pm$ 0.945 χ^2 /NDF: 569920.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3302.787 $\pm$ 0.898 χ^2 /NDF: 499479.6/16

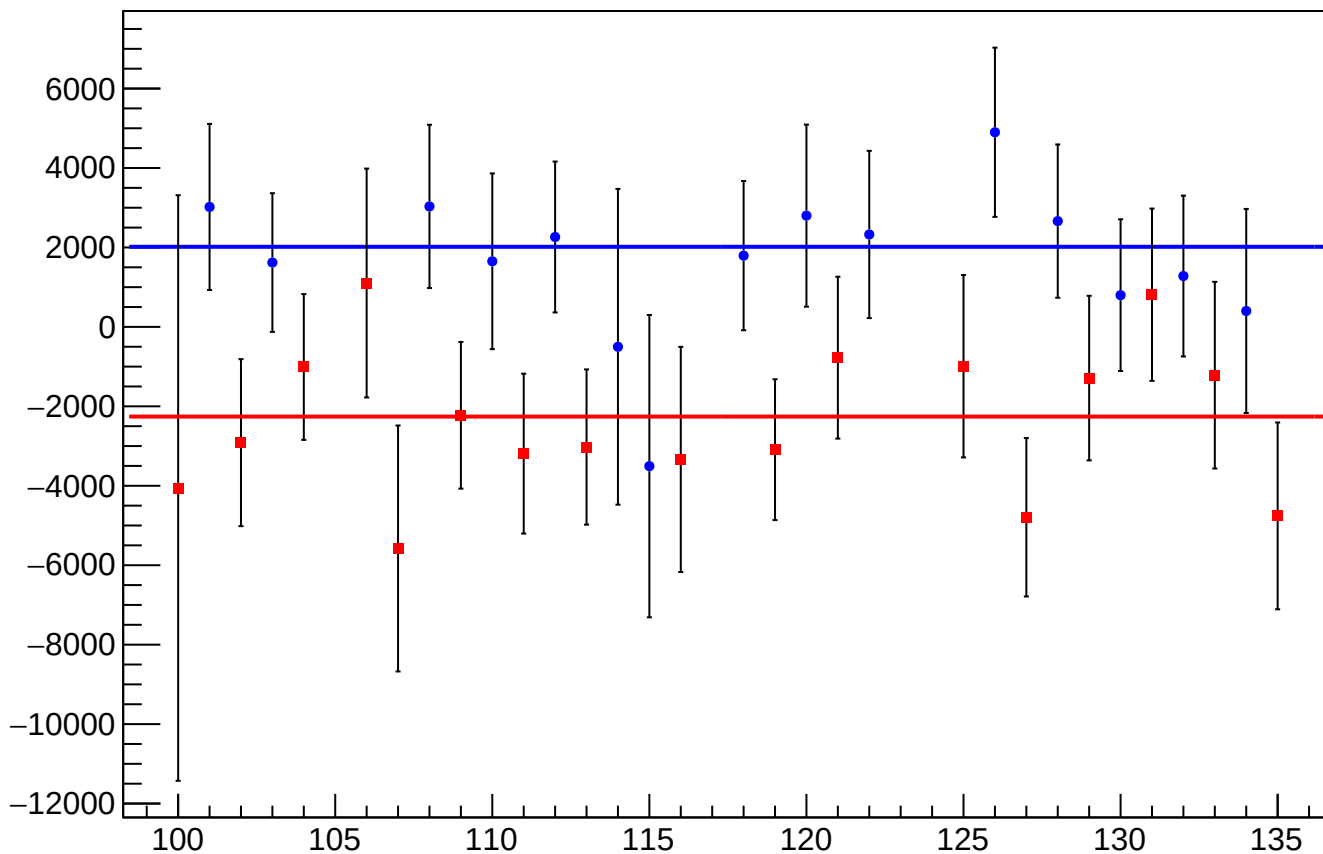
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3291.031 $\pm$ 0.651 χ^2 /NDF: 1069761.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2016.502+/-553.366 χ^2/NDF : 6.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2257.603+/-534.501 χ^2/NDF : 9.9/16

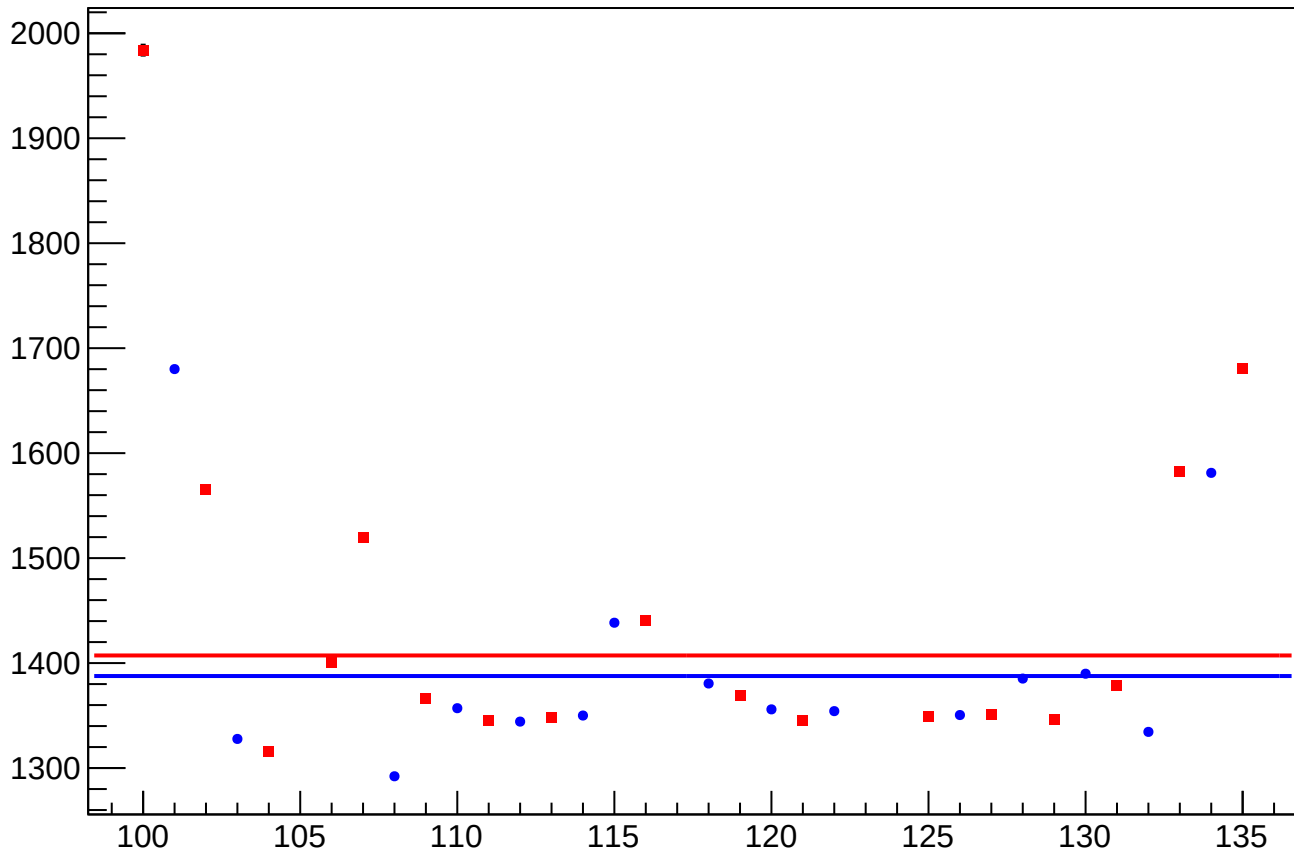
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -194.645+/-384.446 χ^2/NDF : 46.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1387.664 $\pm$ 0.391 χ^2 /NDF: 62042.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1407.258 $\pm$ 0.377 χ^2 /NDF: 82049.0/16

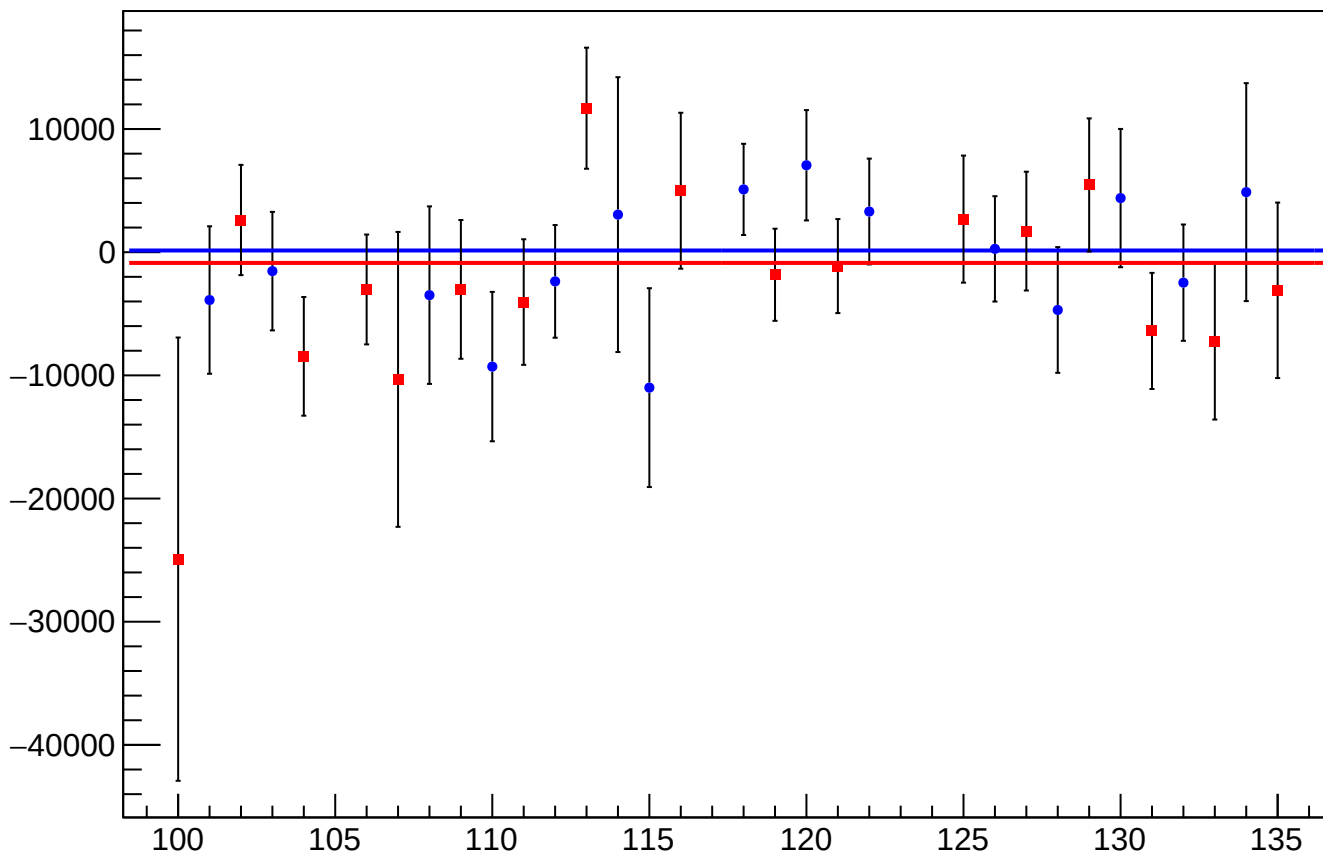
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1397.827 $\pm$ 0.271 χ^2 /NDF: 145391.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_mean vs Slug



Right In: 139.172 $\pm$ 1350.662 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -870.518 $\pm$ 1255.760 χ^2 /NDF: 18.3/16

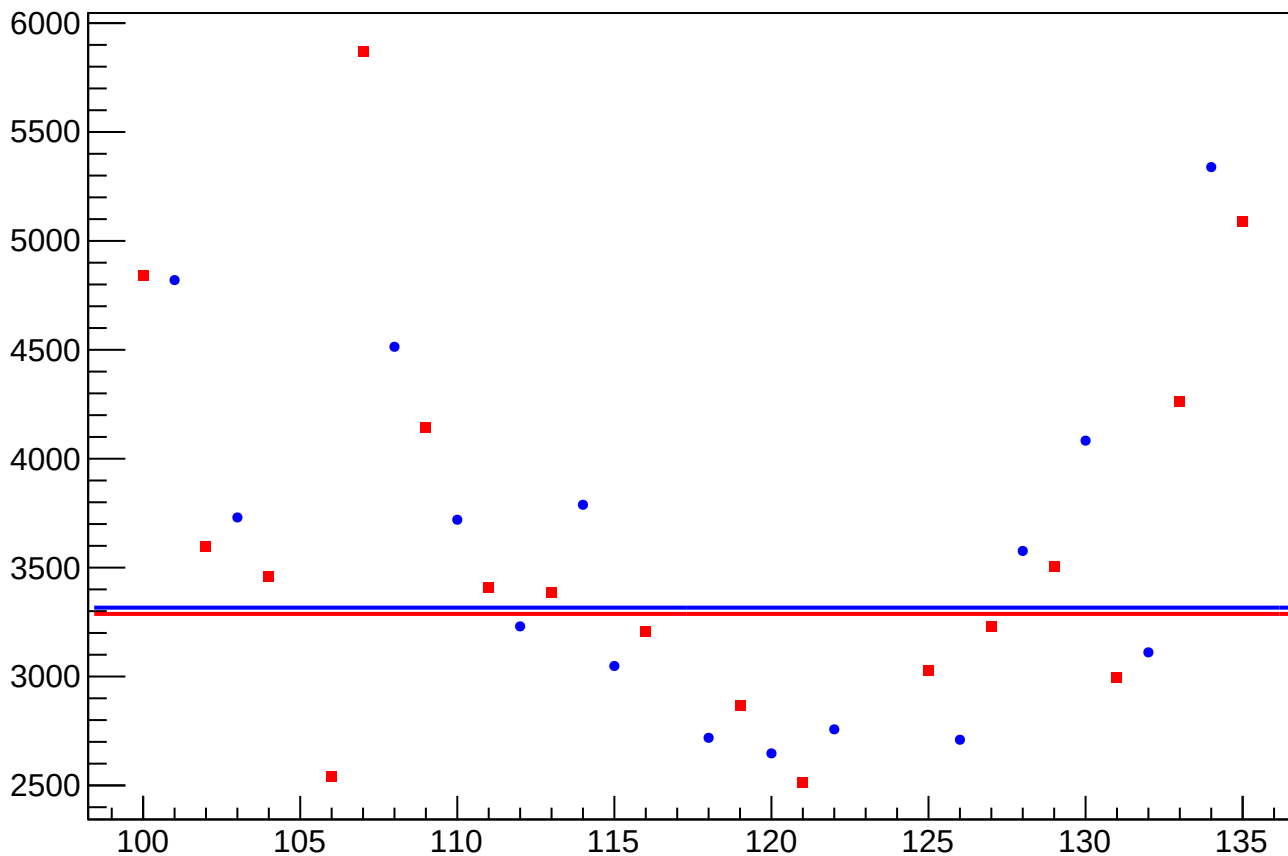
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -402.388 $\pm$ 919.678 χ^2 /NDF: 30.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_correction_rms vs Slug



Right In: 3316.270+/-0.955 χ^2/NDF : 533209.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3287.353+/-0.888 χ^2/NDF : 523530.3/16

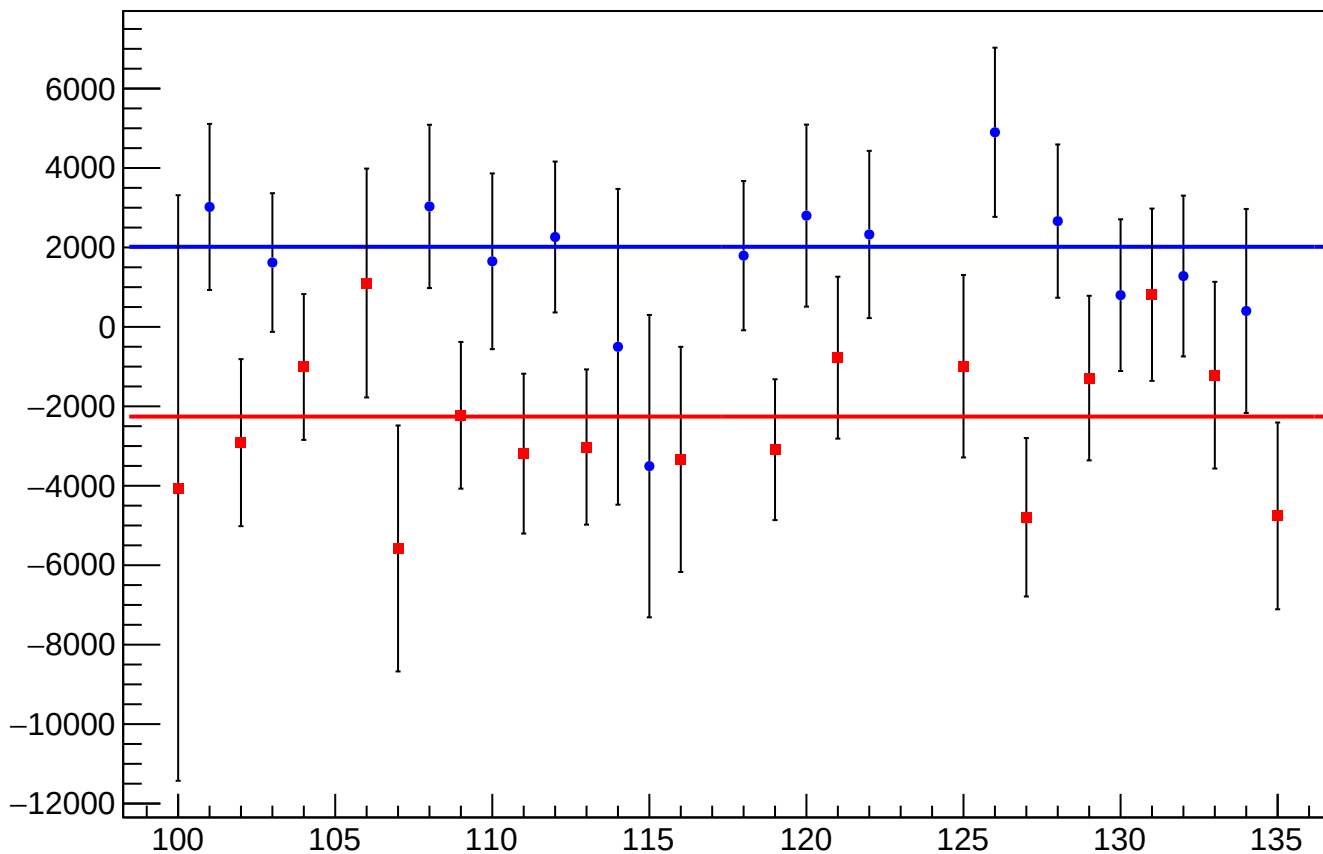
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3300.760+/-0.650 χ^2/NDF : 1057231.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_avg_mean vs Slug



Right In: 2016.507 $\pm$ 553.366 χ^2 /NDF: 6.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2257.604 $\pm$ 534.501 χ^2 /NDF: 9.9/16

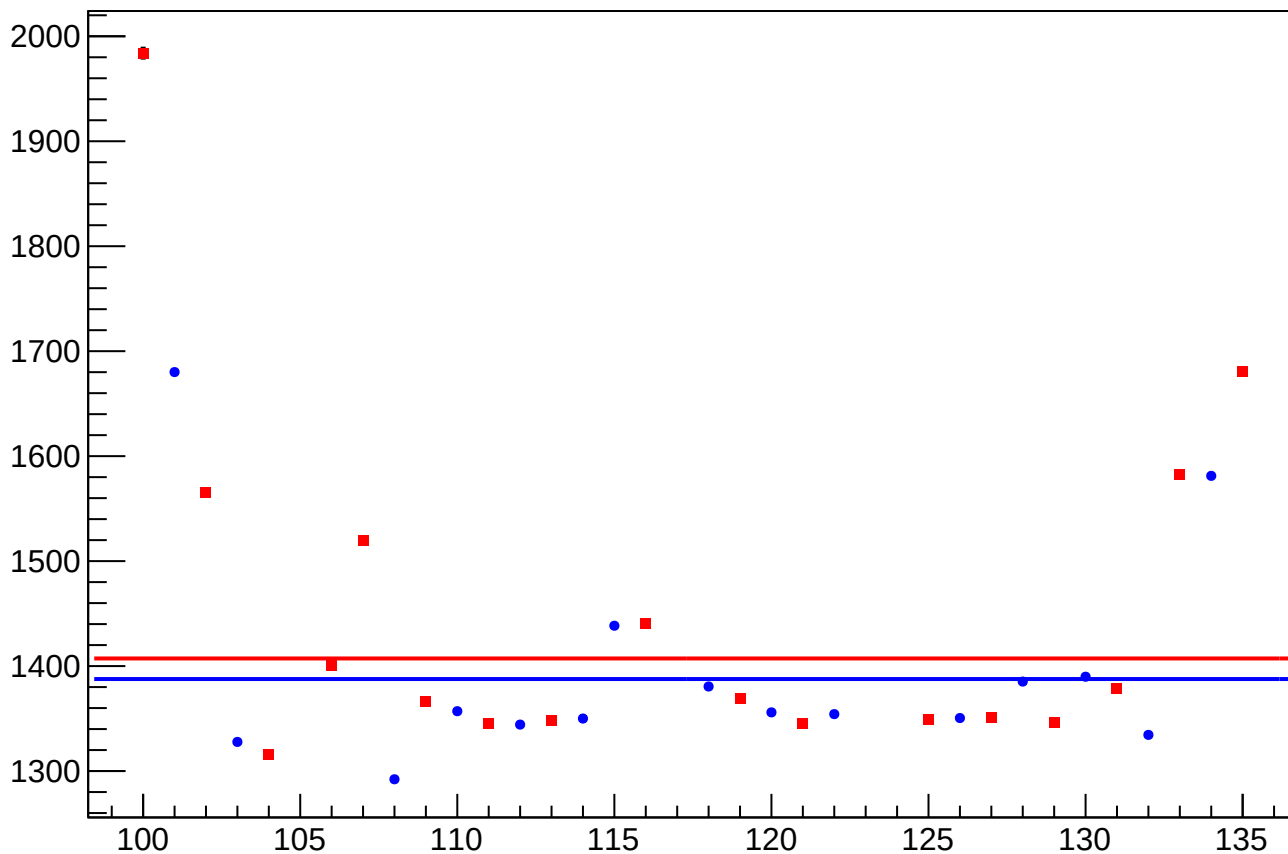
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -194.643 $\pm$ 384.446 χ^2 /NDF: 46.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usl_atl2_avg_rms vs Slug



Right In: 1387.664+/-0.391 χ^2 /NDF: 62042.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1407.258+/-0.377 χ^2 /NDF: 82049.1/16

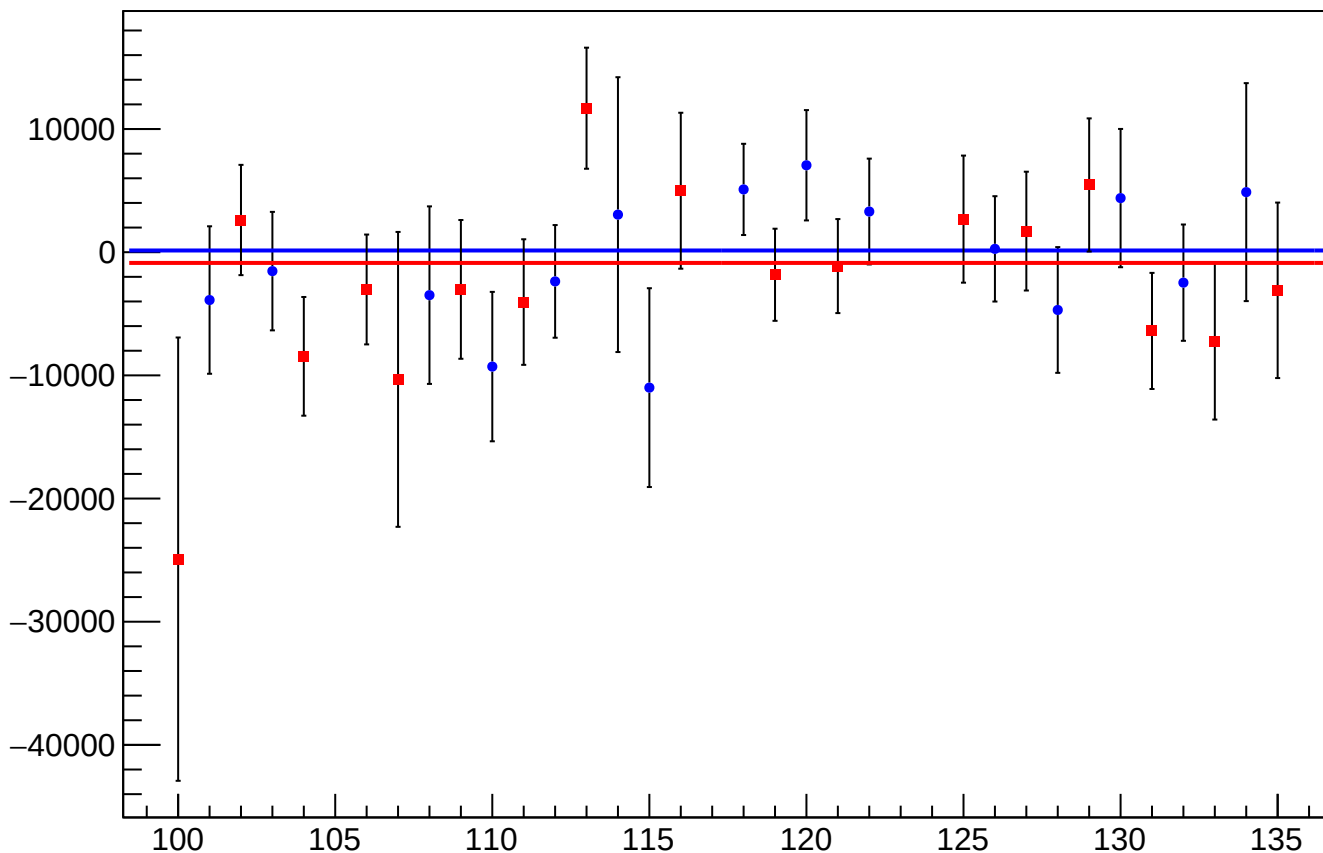
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1397.827+/-0.271 χ^2 /NDF: 145391.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_mean vs Slug



Right In: 139.176+/-1350.657 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -870.520+/-1255.757 χ^2/NDF : 18.3/16

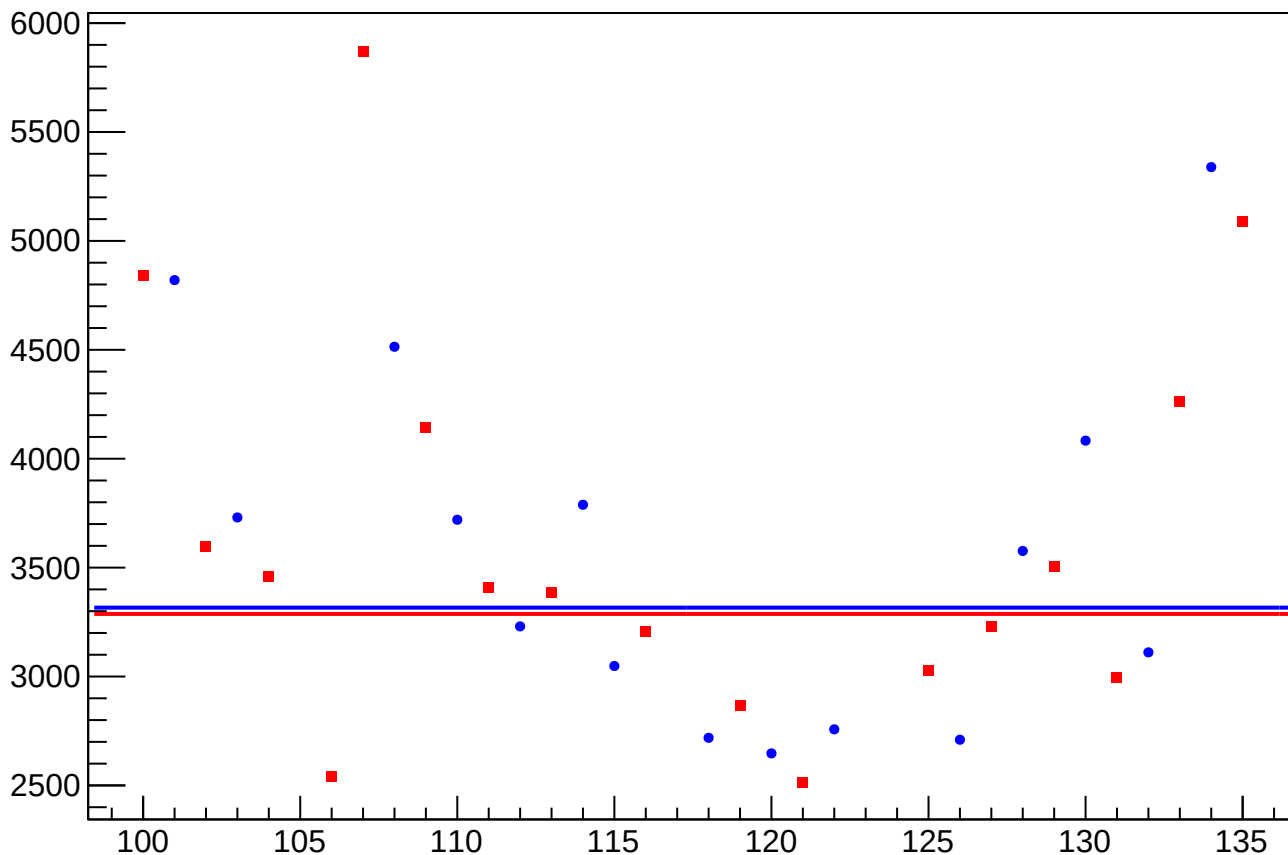
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -402.387+/-919.675 χ^2/NDF : 30.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_correction_rms vs Slug



Right In: 3316.259+/-0.955 χ^2/NDF : 533214.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

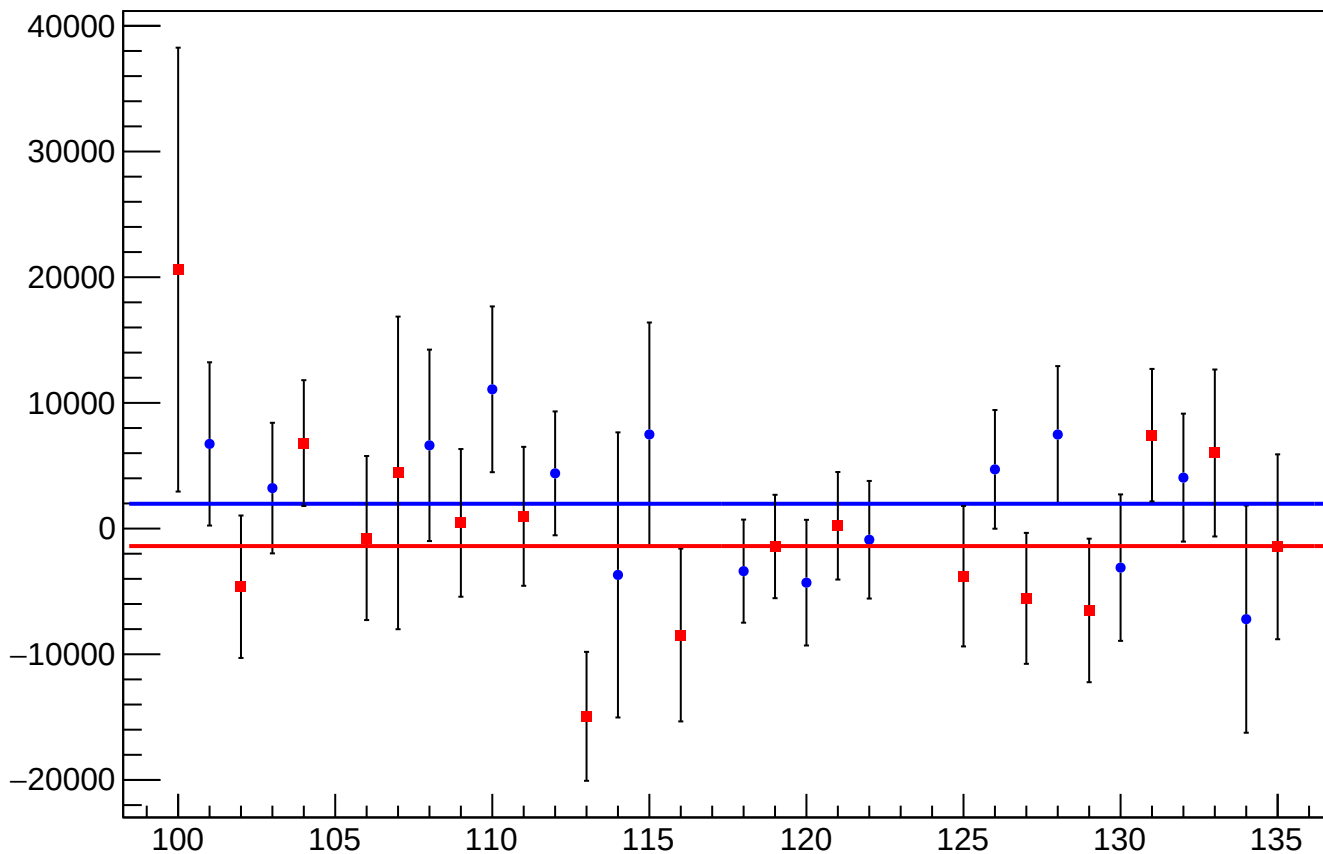
Right Out: 3287.343+/-0.888 χ^2/NDF : 523533.4/16

All: 3300.749+/-0.650 χ^2/NDF : 1057239.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_mean vs Slug



Right In: 1974.061 $\pm$ 1463.931 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

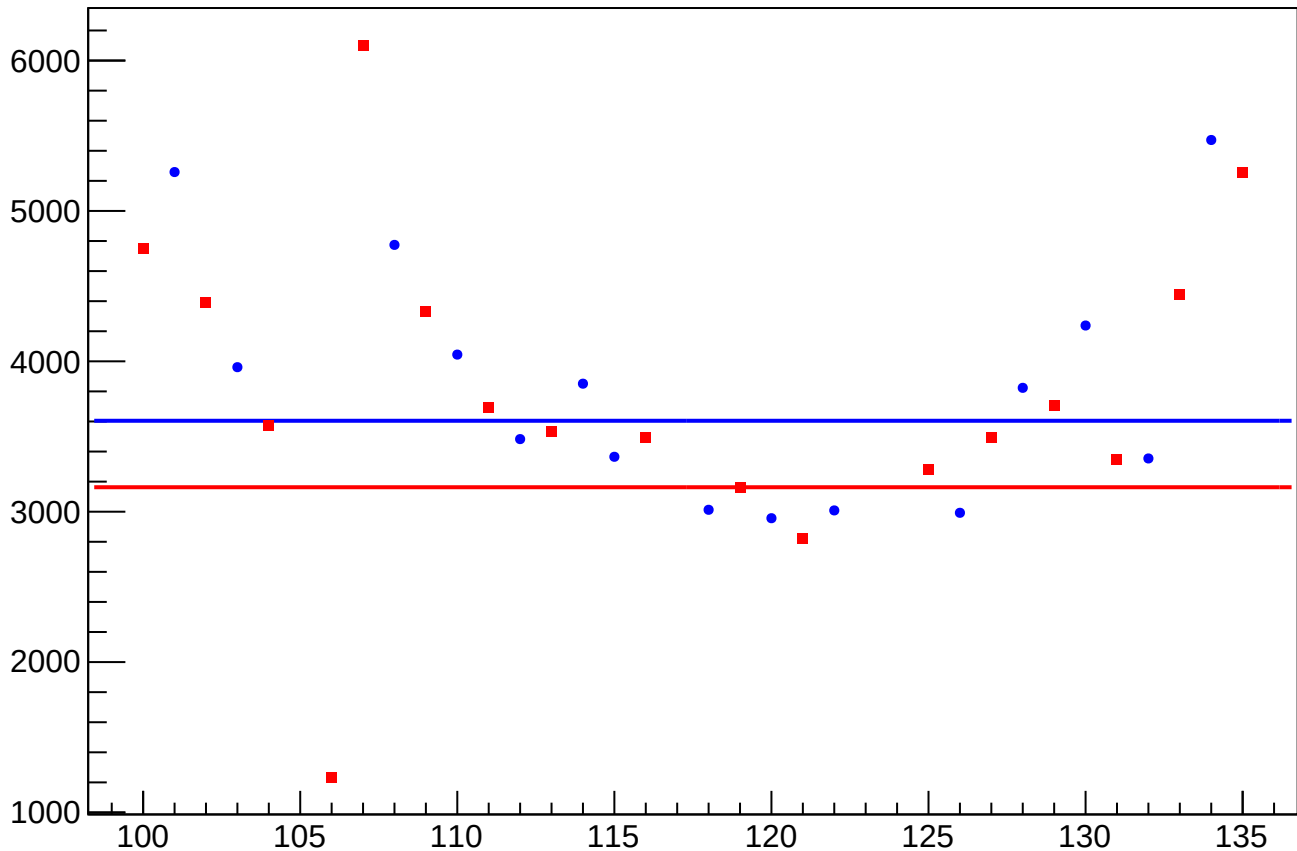
Right Out: -1392.038 $\pm$ 1392.781 χ^2 /NDF: 18.9/16

All: 207.227 $\pm$ 1009.061 χ^2 /NDF: 32.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_rms vs Slug



Right In: 3604.678 $\pm$ 1.035 χ^2 /NDF: 457208.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

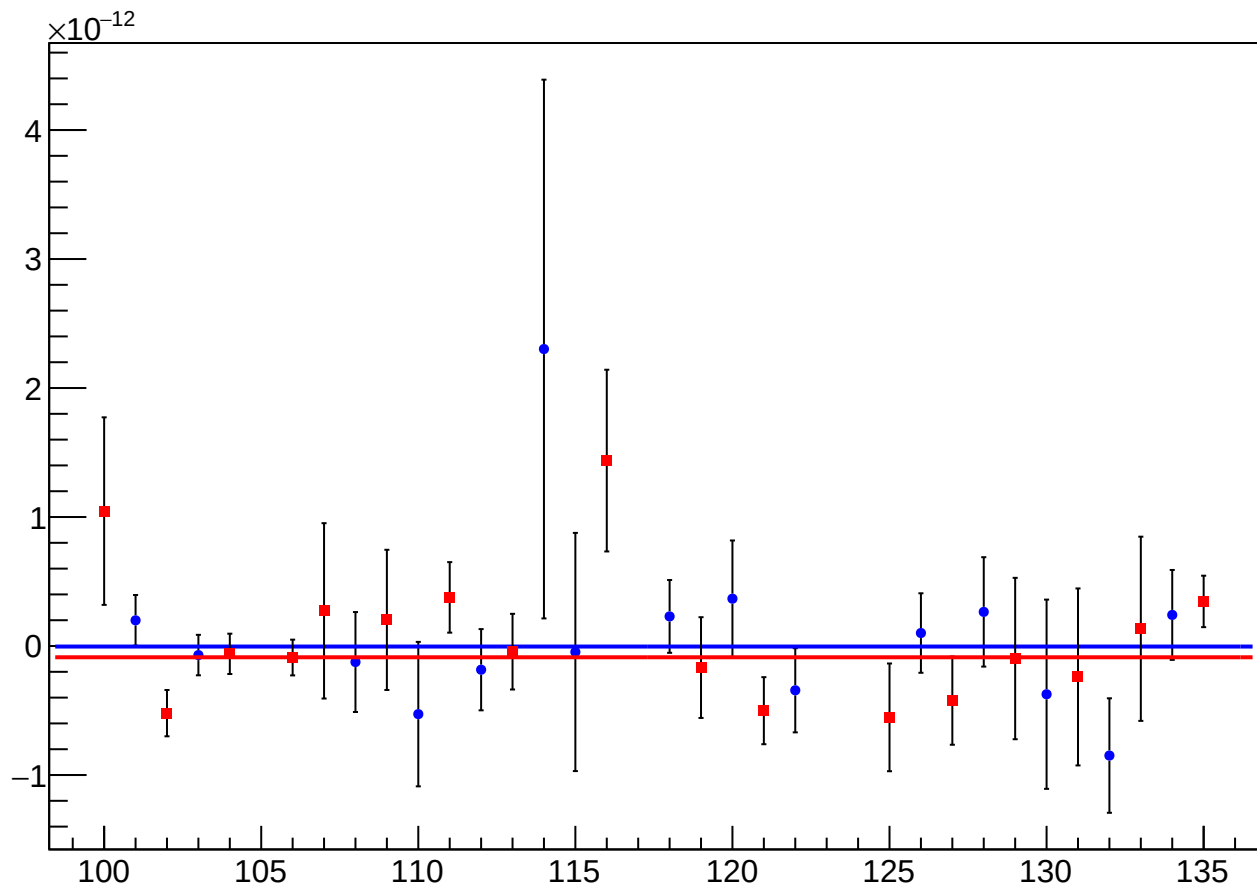
Right Out: 3162.690 $\pm$ 0.901 χ^2 /NDF: 1548977.3/16

All: 3353.199 $\pm$ 0.680 χ^2 /NDF: 2109915.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 26.1/16

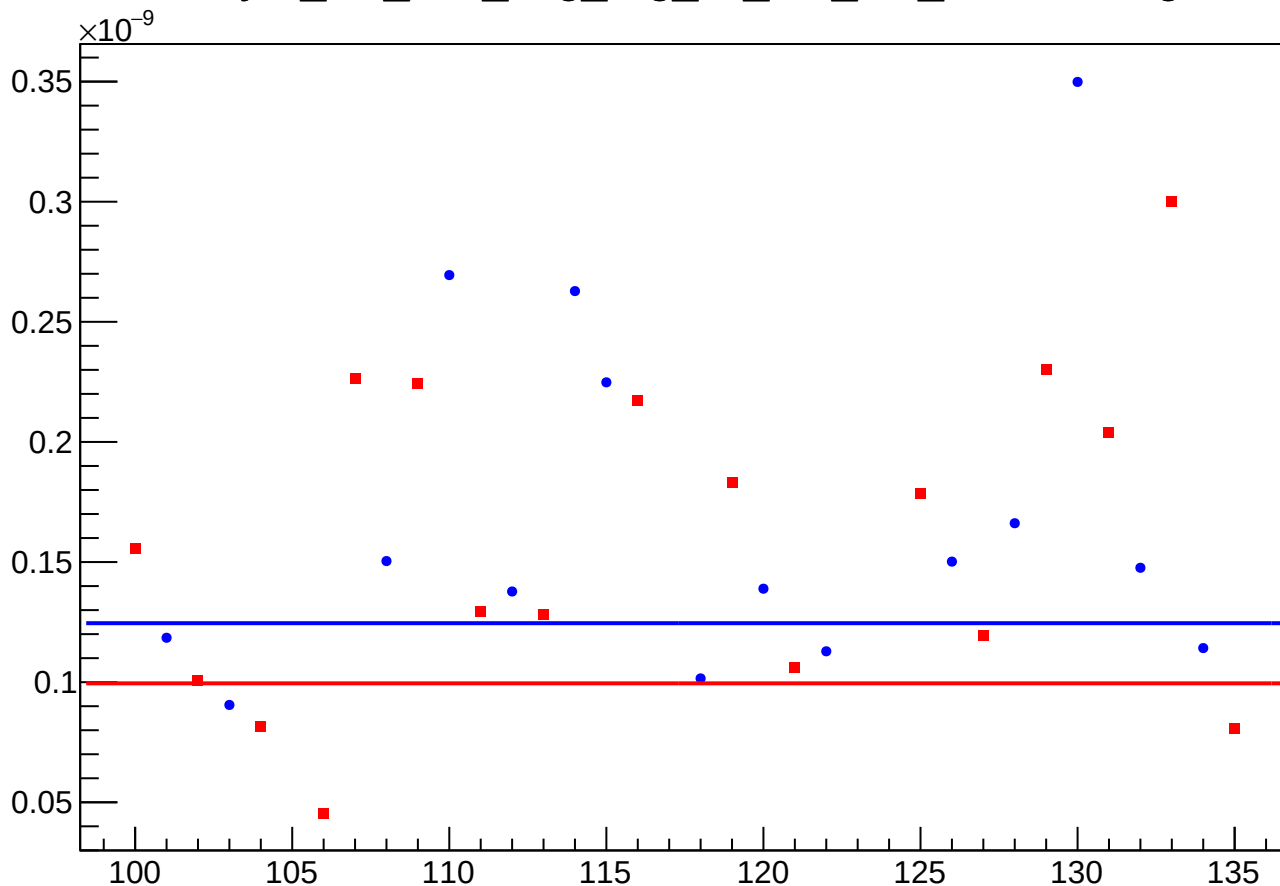
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 37.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 521548.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1099298.1/16

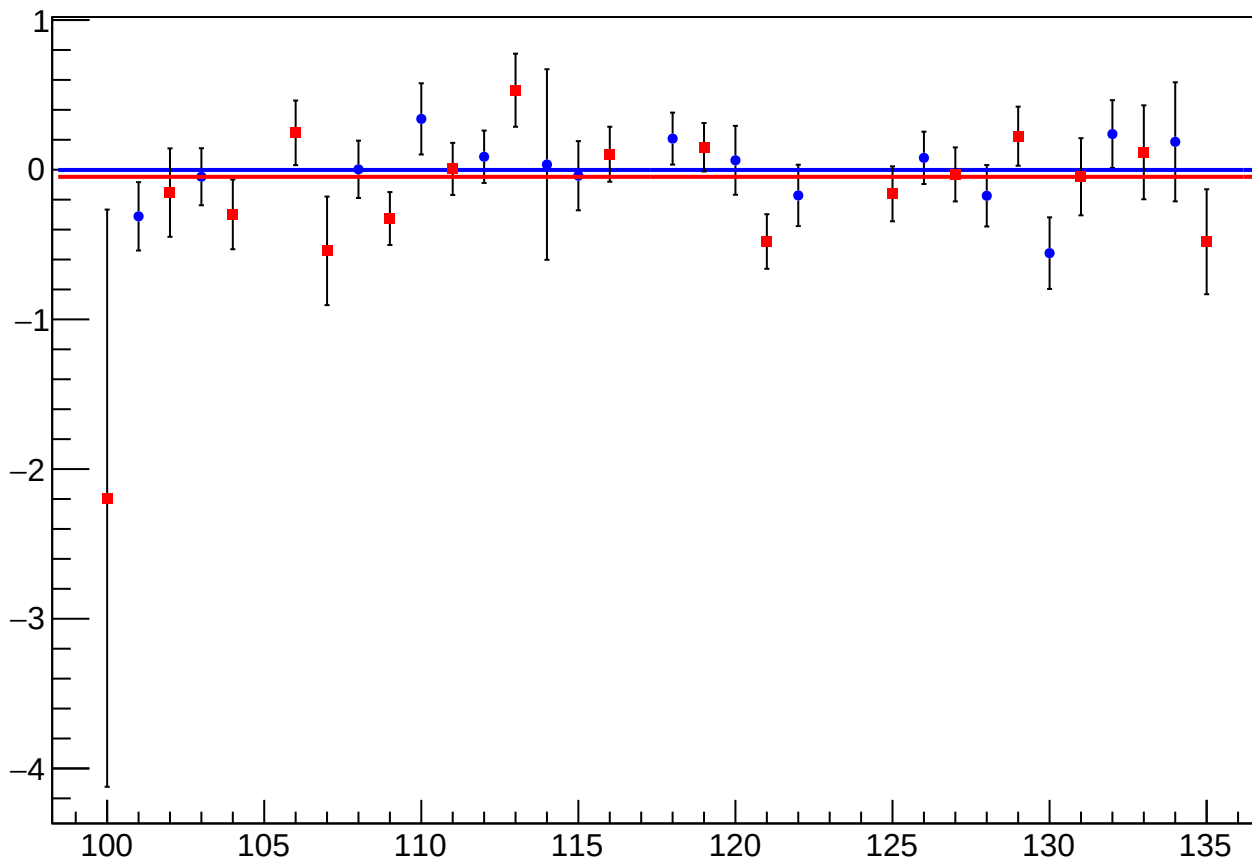
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1732137.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.053 χ^2/NDF : 26.3/16

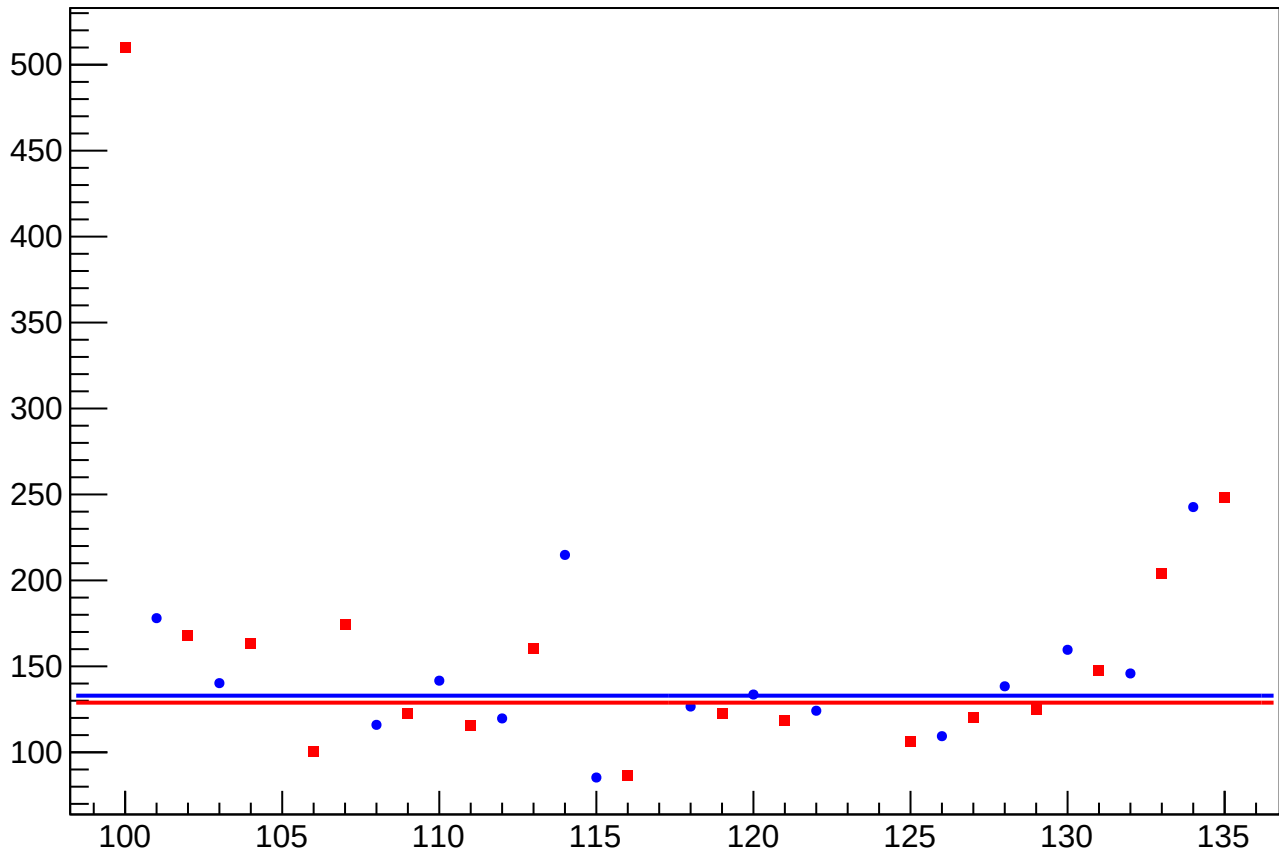
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.038 χ^2/NDF : 40.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 132.946+/-0.039 χ^2/NDF : 456539.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.881+/-0.037 χ^2/NDF : 777346.9/16

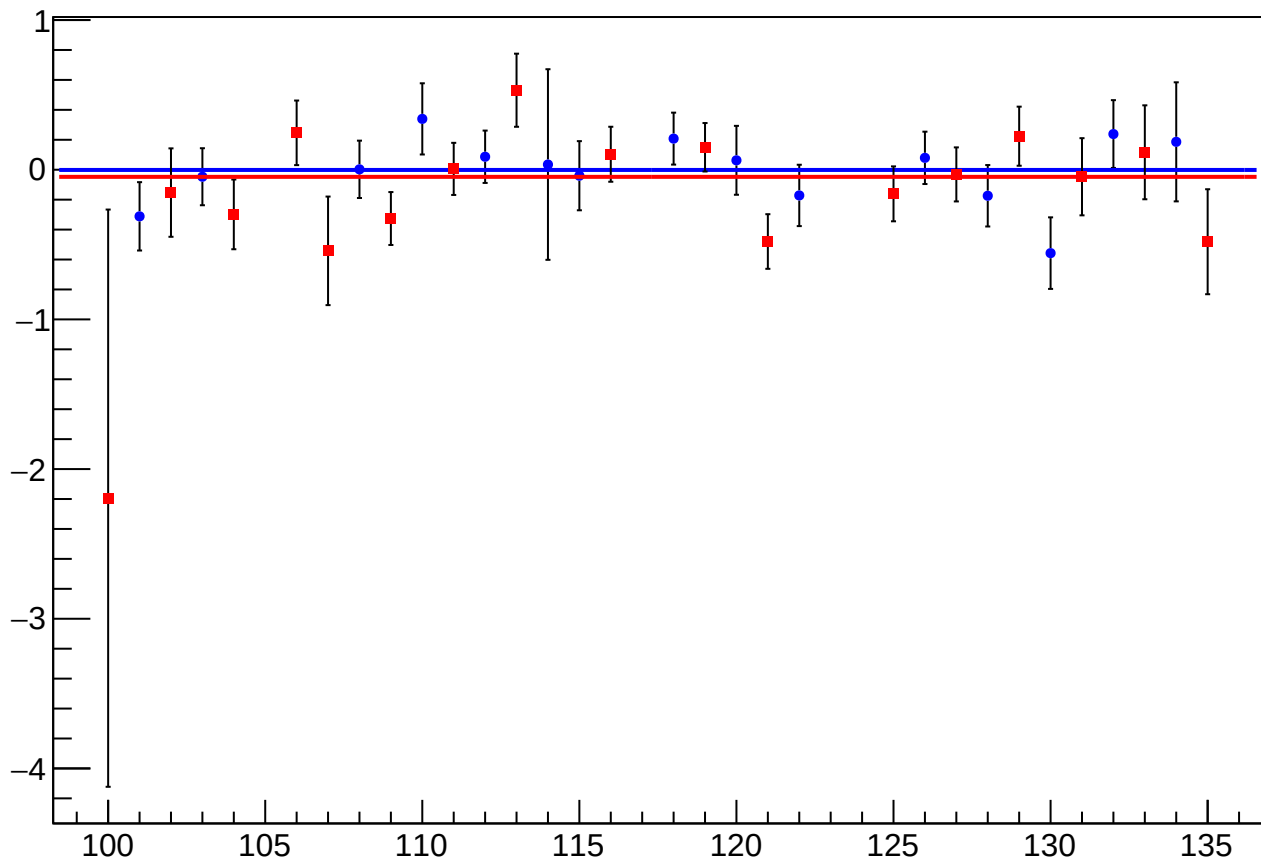
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.803+/-0.027 χ^2/NDF : 1239482.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002 $\pm$ 0.056 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.048 $\pm$ 0.053 χ^2 /NDF: 26.3/16

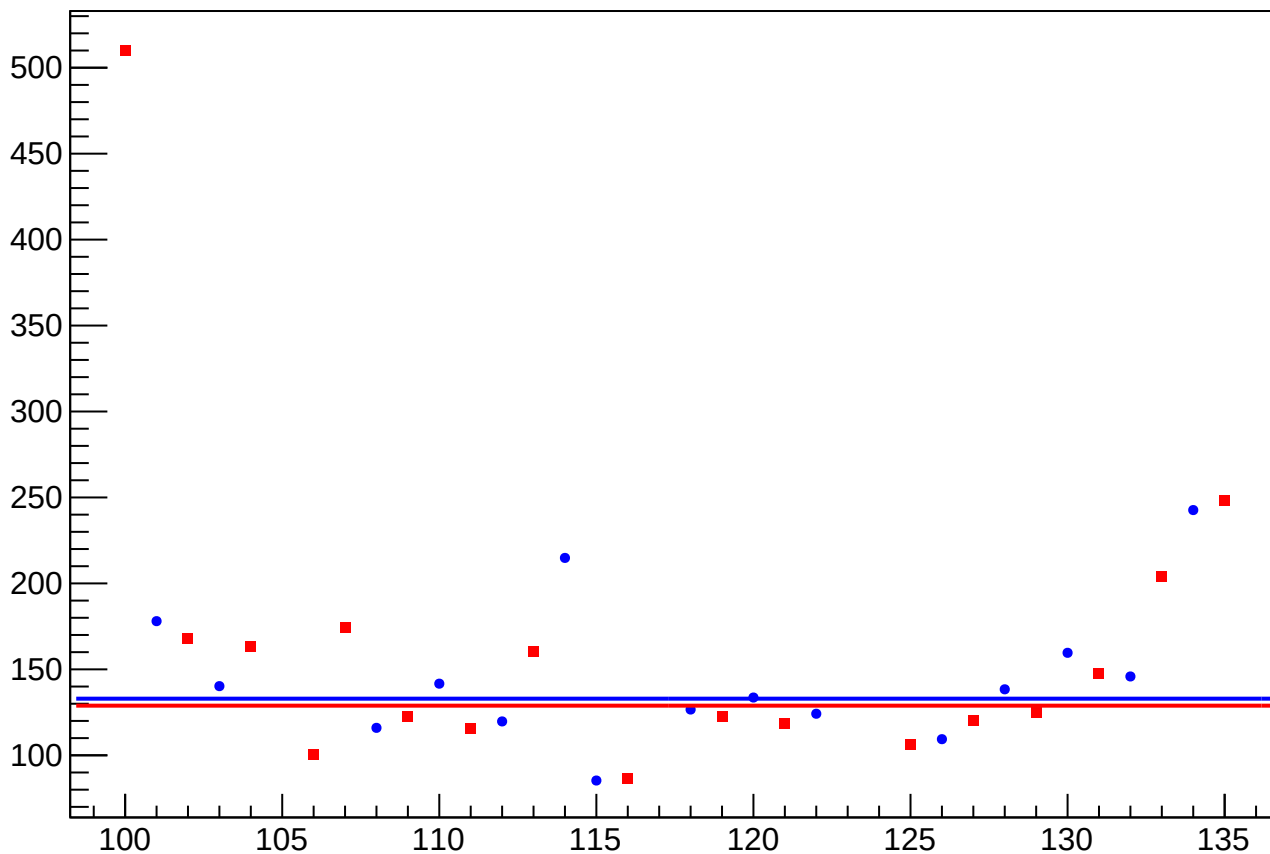
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.026 $\pm$ 0.038 χ^2 /NDF: 40.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 132.946 $\pm$ 0.039 χ^2 /NDF: 456539.9/14

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

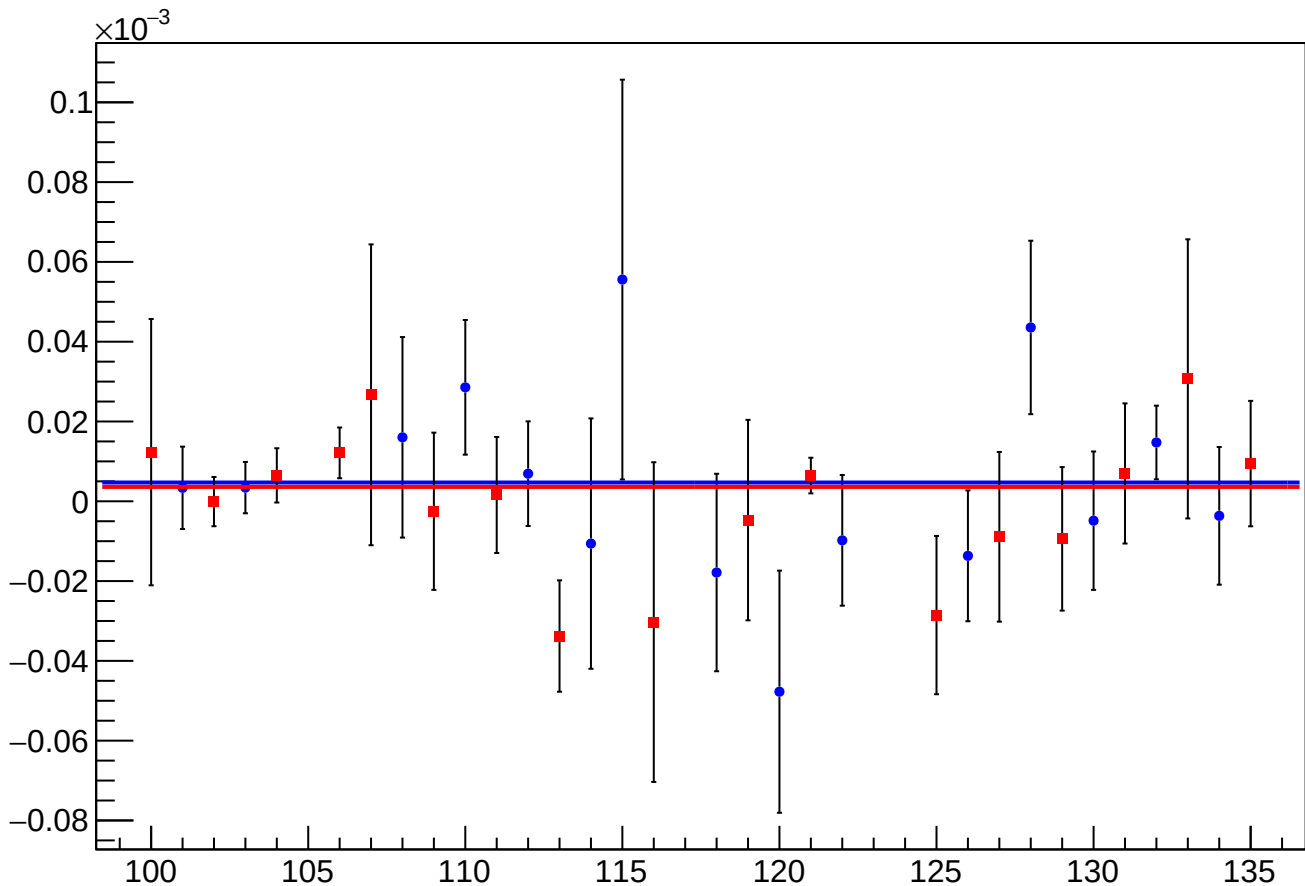
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.803 $\pm$ 0.027 χ^2 /NDF: 1239482.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/16

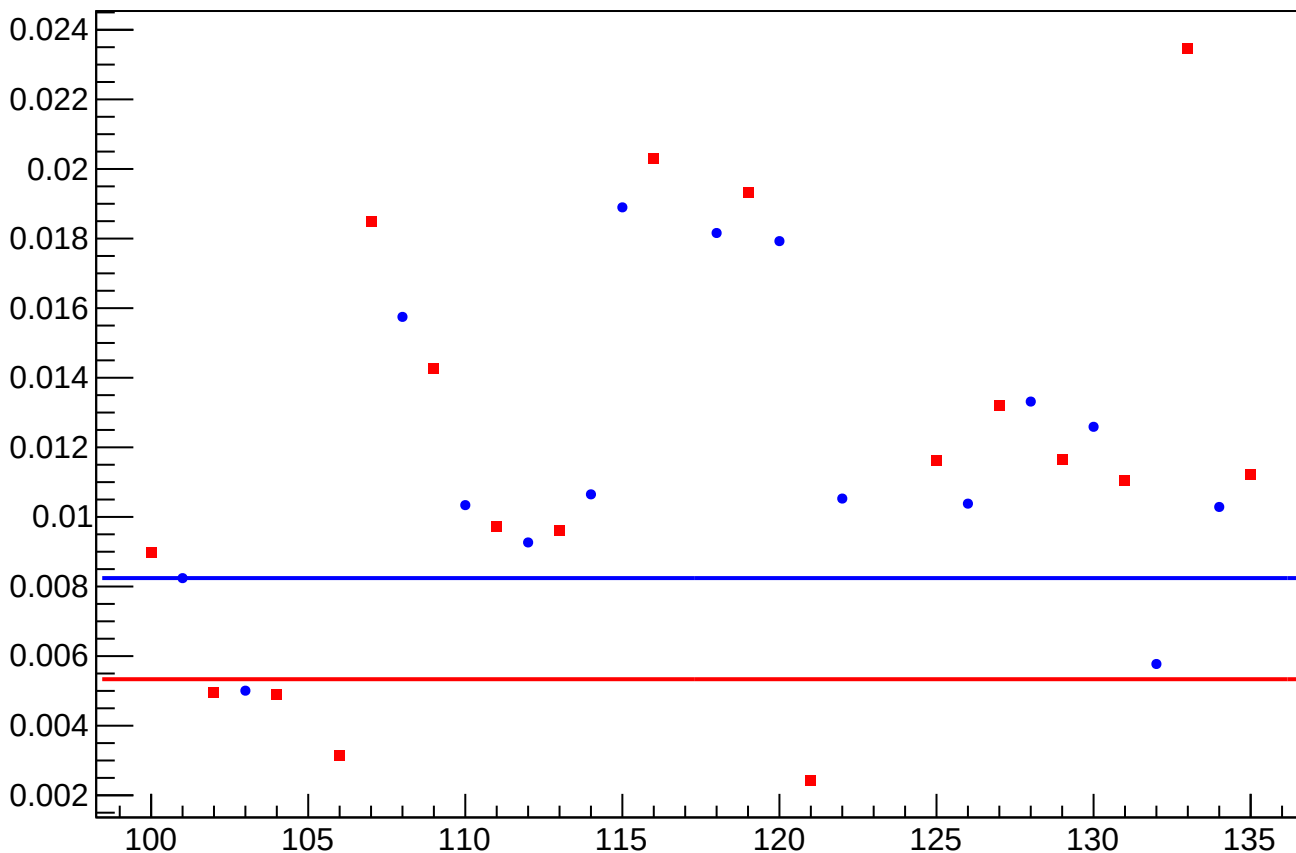
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1833107.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 4803580.6/16

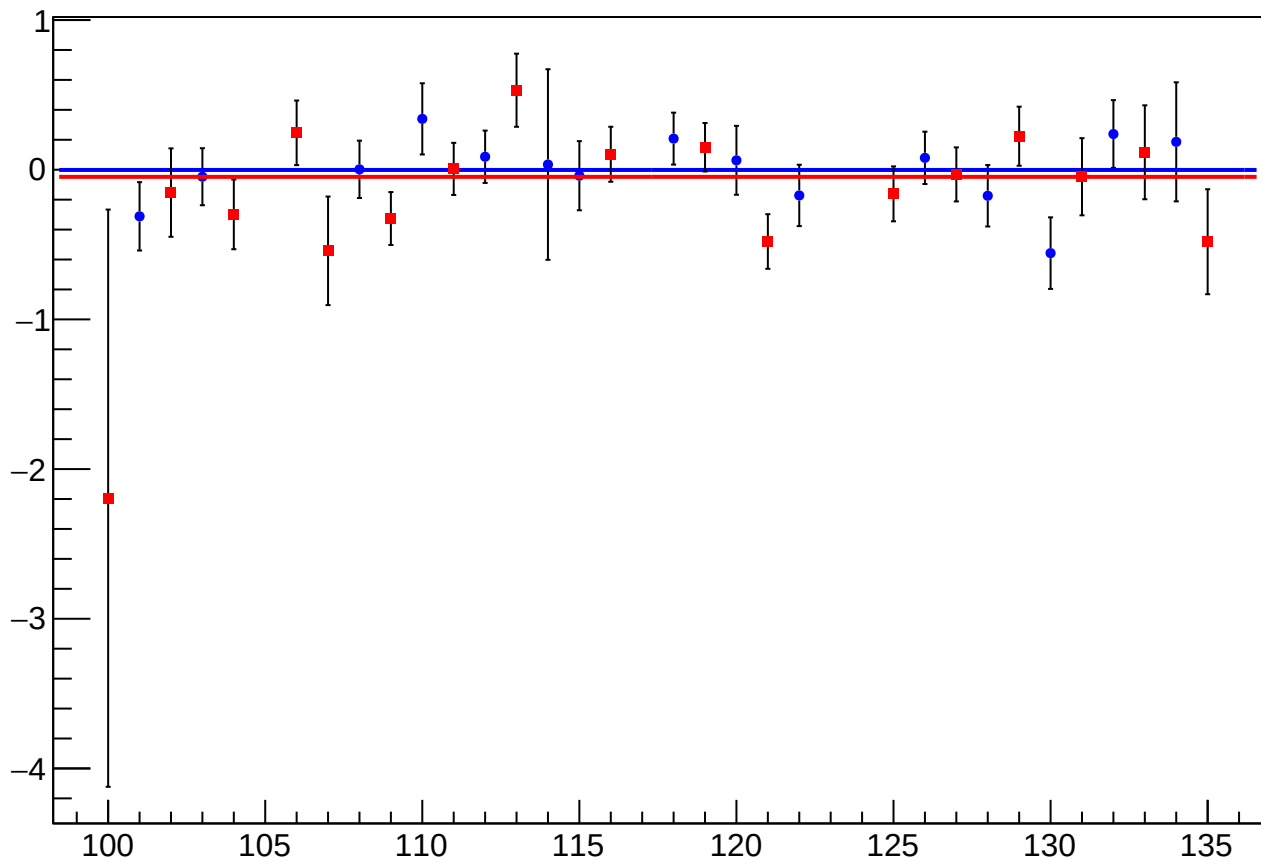
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 7502103.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.002 ± 0.056 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.048 ± 0.053 χ^2/NDF : 26.3/16

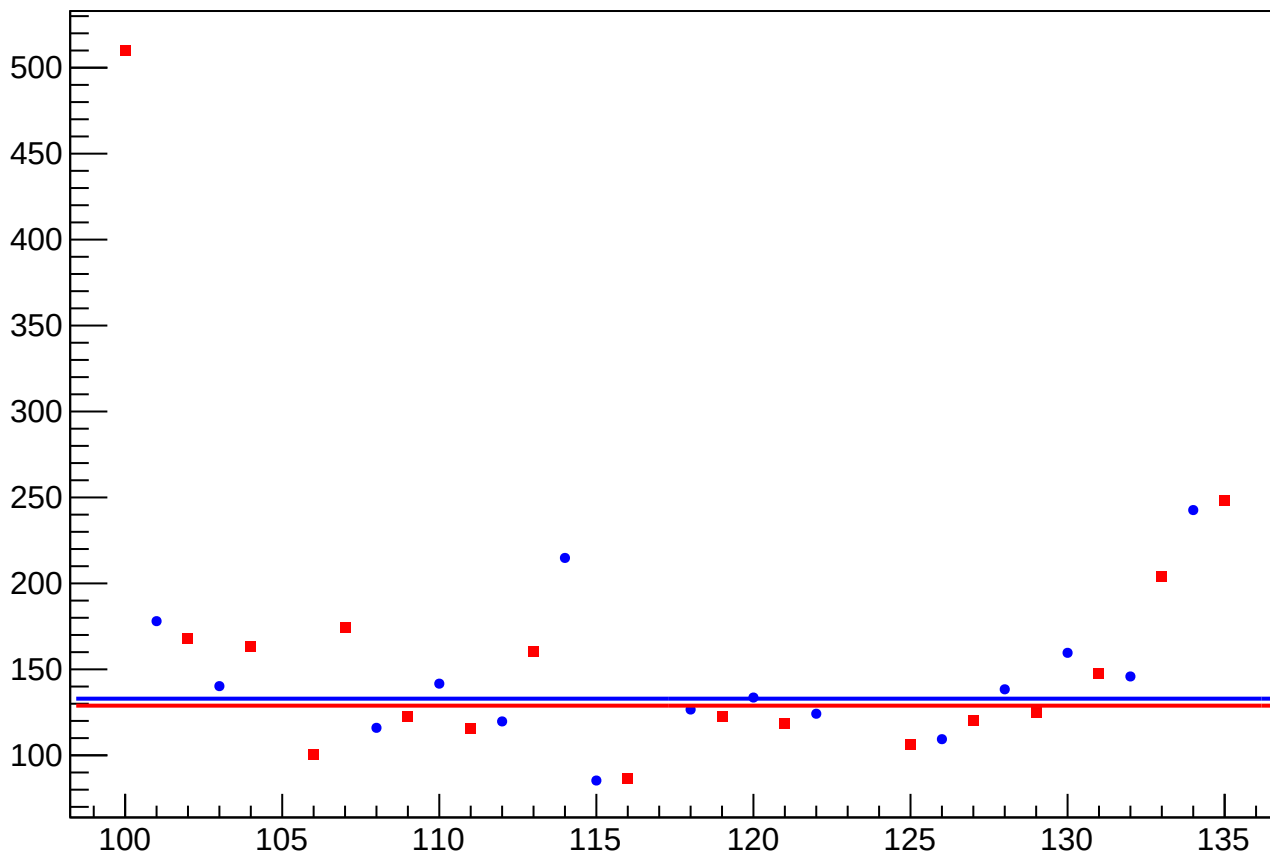
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.026 ± 0.038 χ^2/NDF : 40.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 132.946+/-0.039 χ^2/NDF : 456500.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.881+/-0.037 χ^2/NDF : 777297.6/16

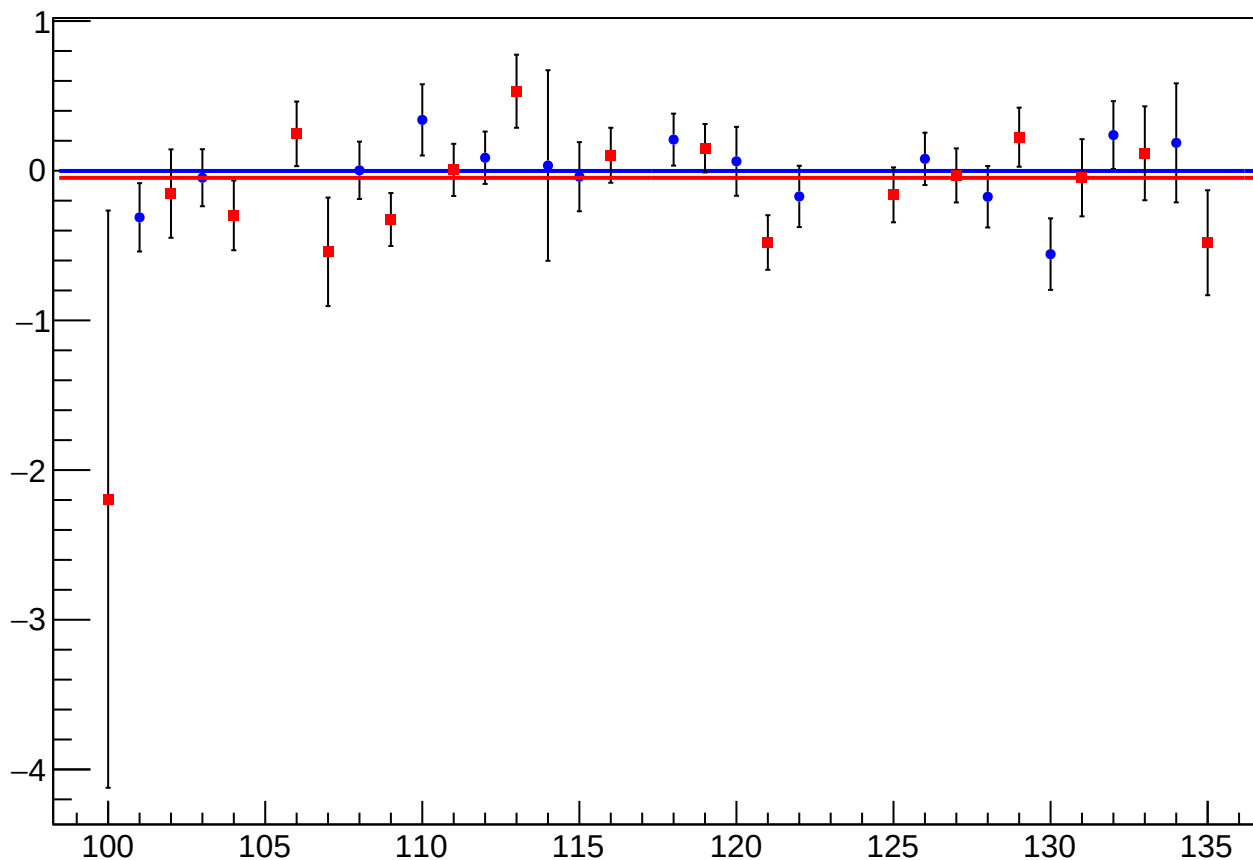
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.803+/-0.027 χ^2/NDF : 1239393.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.002+/-0.056 χ^2 /NDF: 14.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.048+/-0.053 χ^2 /NDF: 26.3/16

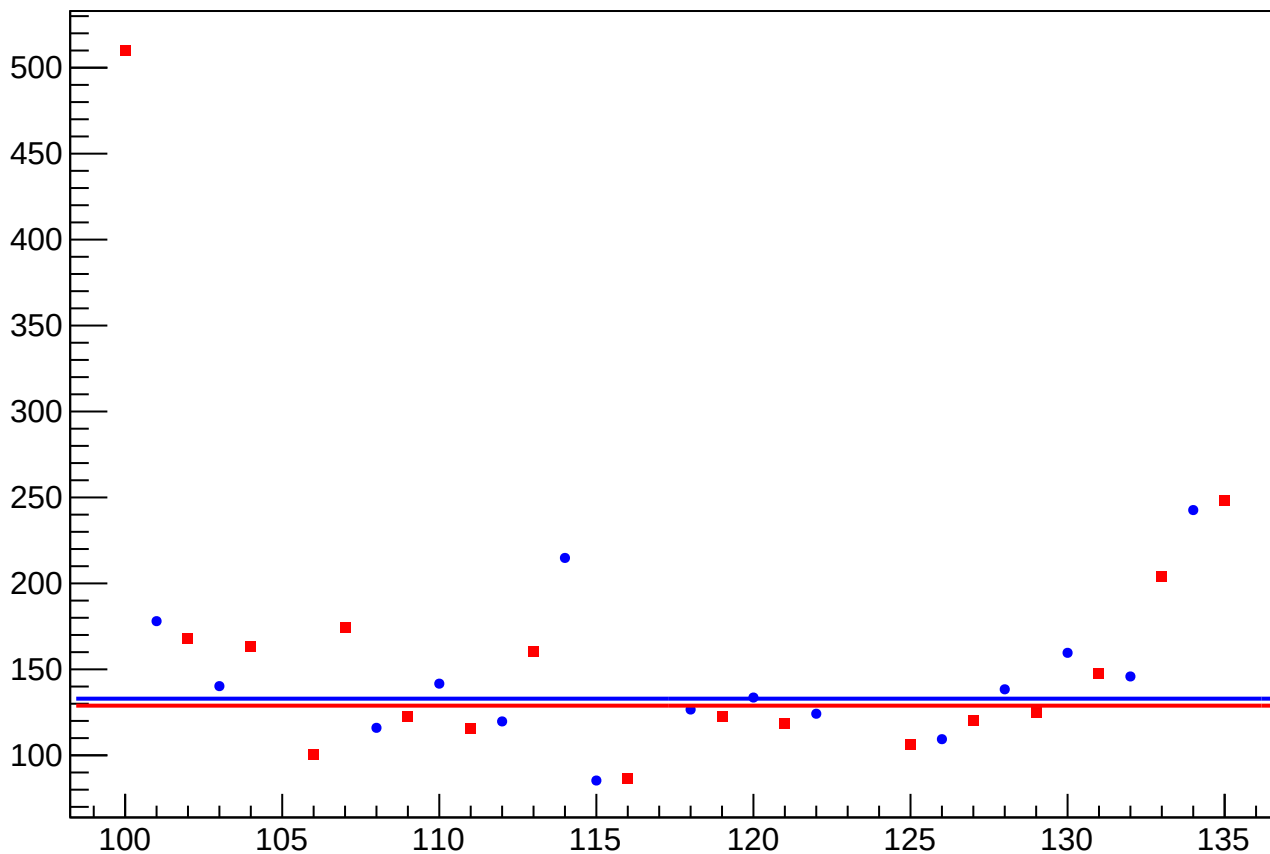
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.026+/-0.038 χ^2 /NDF: 40.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 132.946 $\pm$ 0.039 χ^2 /NDF: 456500.8/14

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

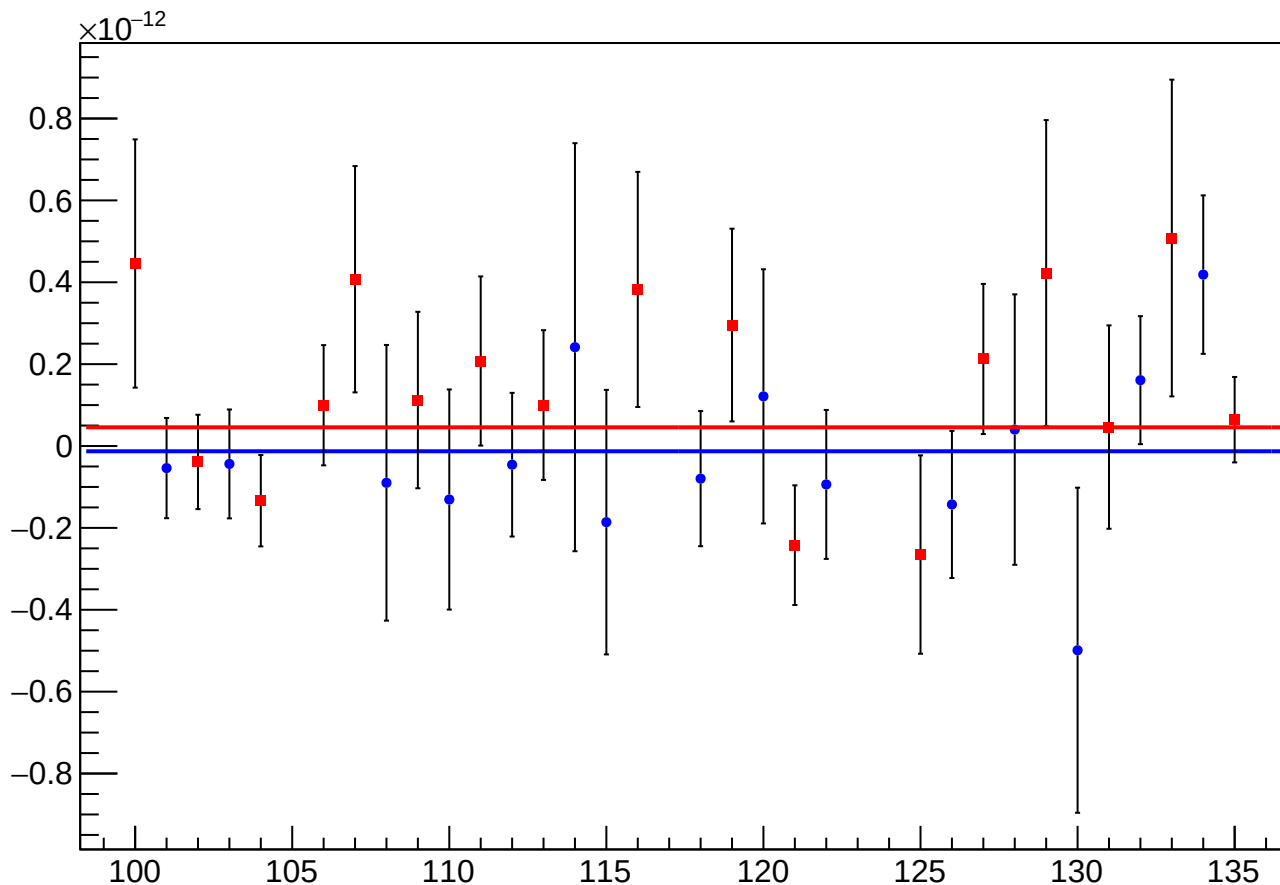
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.803 $\pm$ 0.027 χ^2 /NDF: 1239393.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.8/16

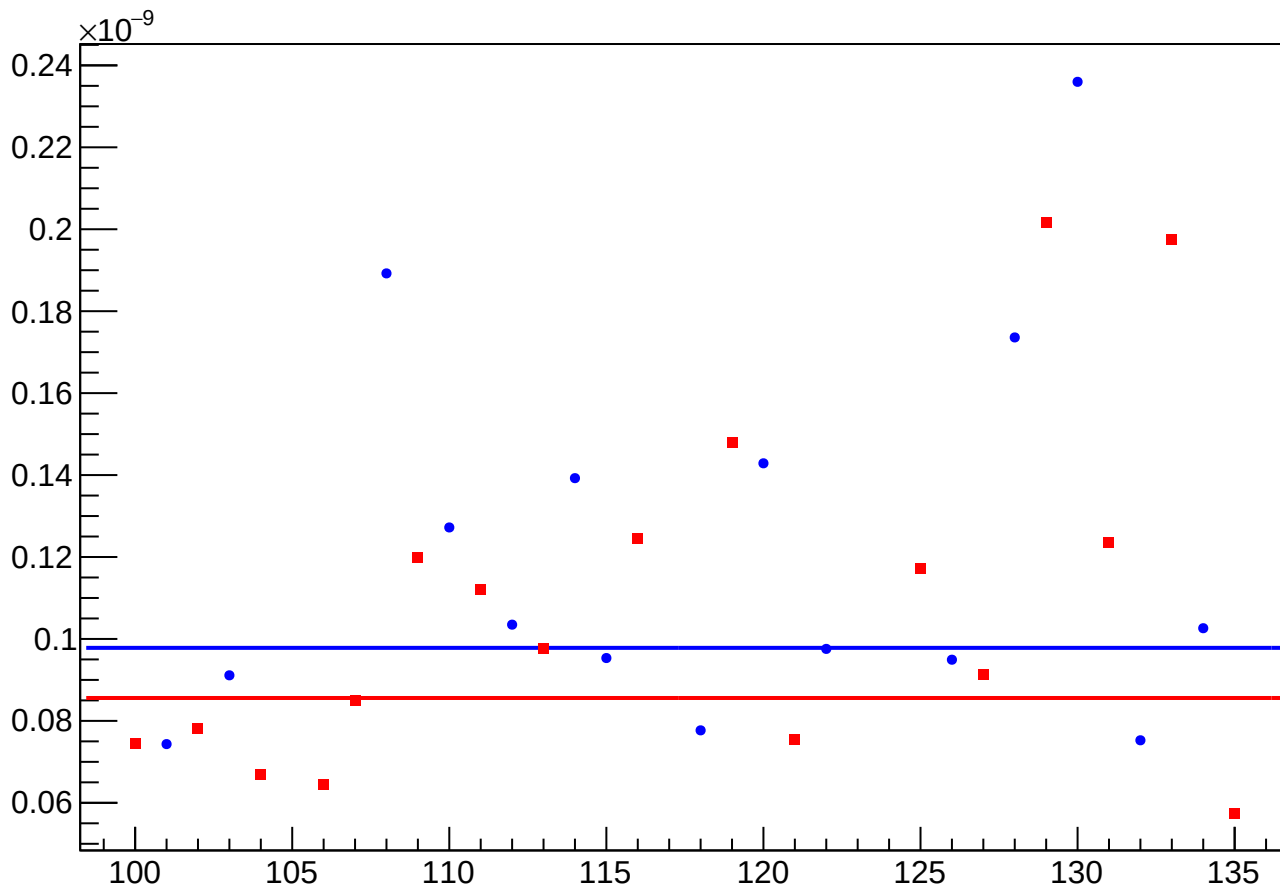
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 728692.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 976023.2/16

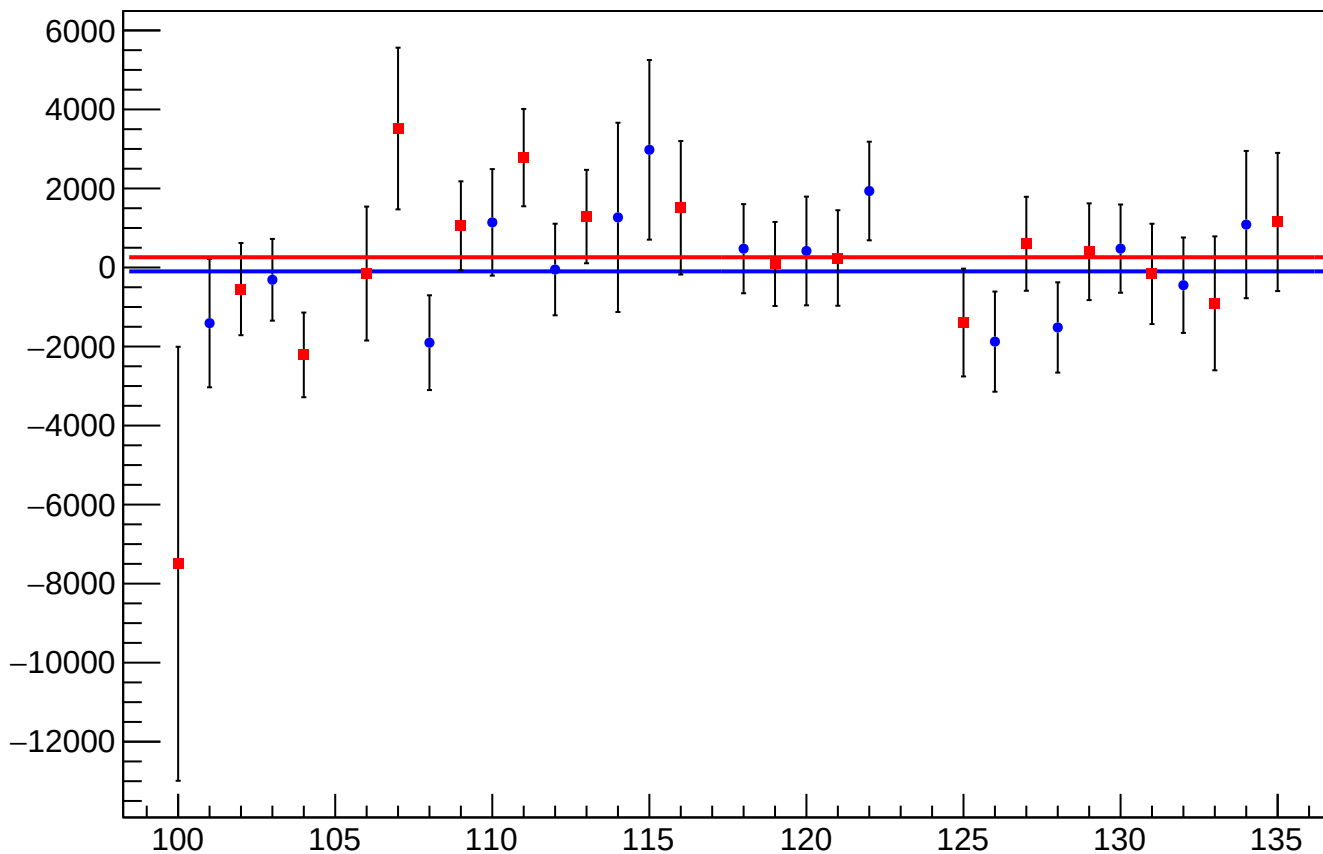
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1772191.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_mean vs Slug



Right In: -98.339+/-337.196 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 259.987+/-324.117 χ^2/NDF : 18.8/16

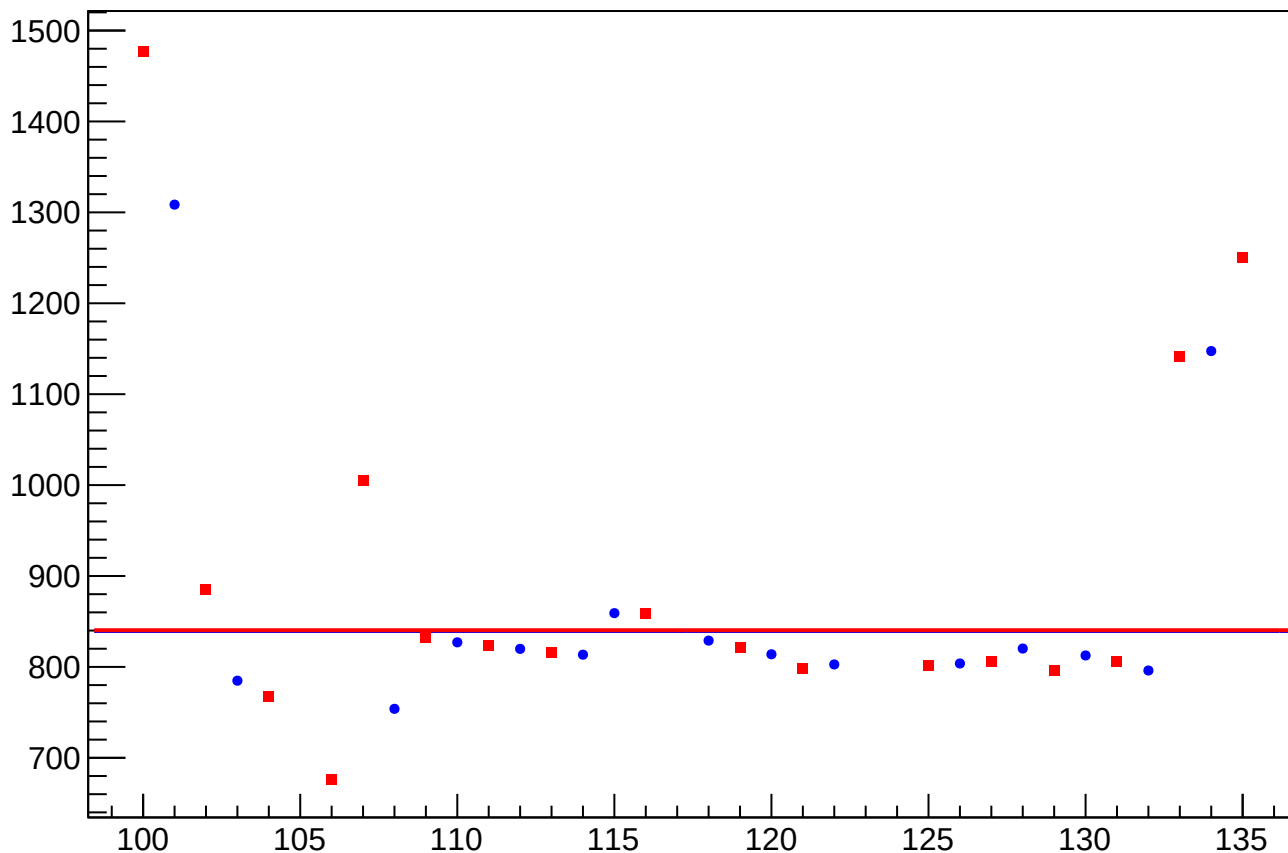
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.908+/-233.672 χ^2/NDF : 32.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_rms vs Slug



Right In: 839.492 $\pm$ 0.238 χ^2 /NDF: 246963.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 840.354 $\pm$ 0.226 χ^2 /NDF: 268973.4/16

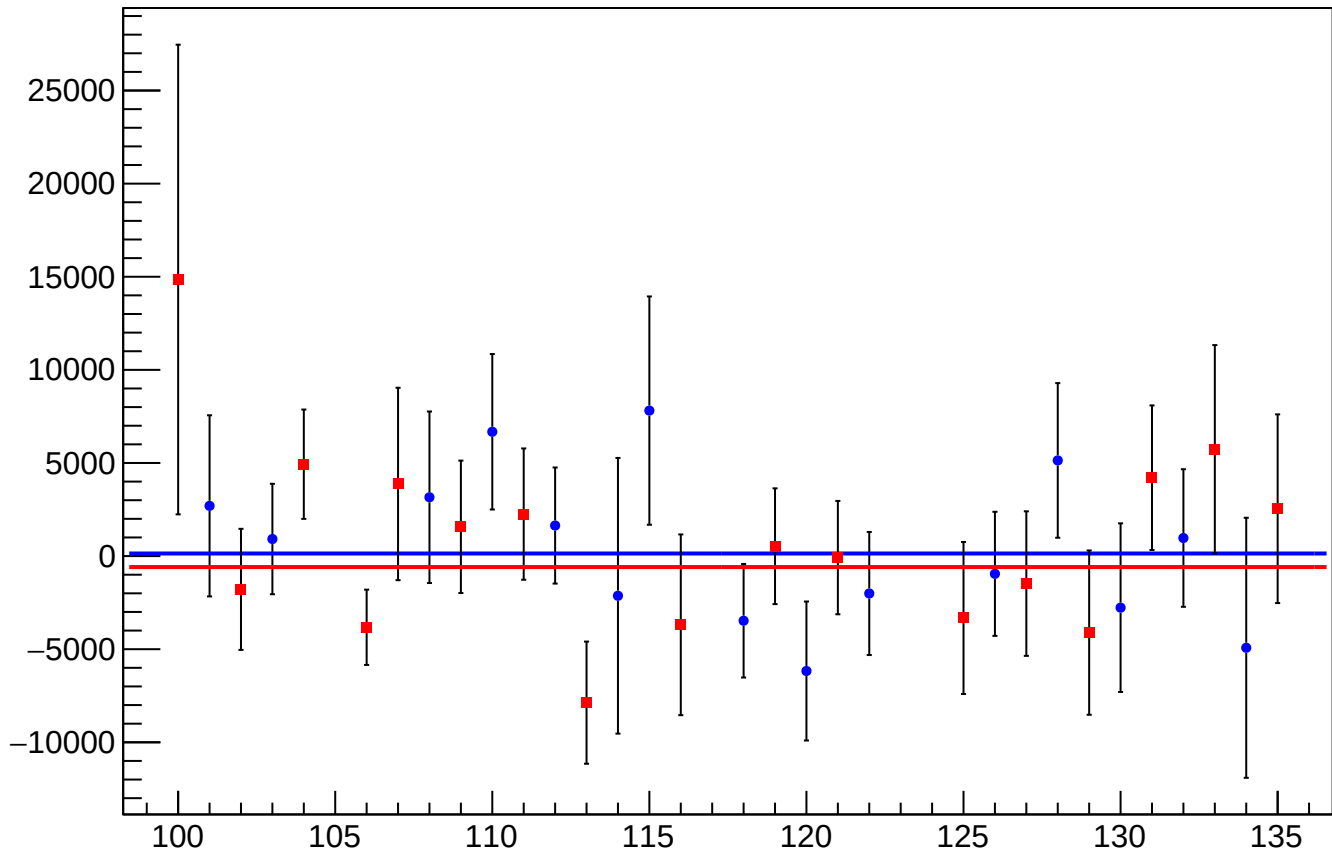
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 839.945 $\pm$ 0.164 χ^2 /NDF: 515943.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_mean vs Slug



Right In: 138.810 $\pm$ 1015.393 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -588.928 $\pm$ 870.199 χ^2 /NDF: 19.3/16

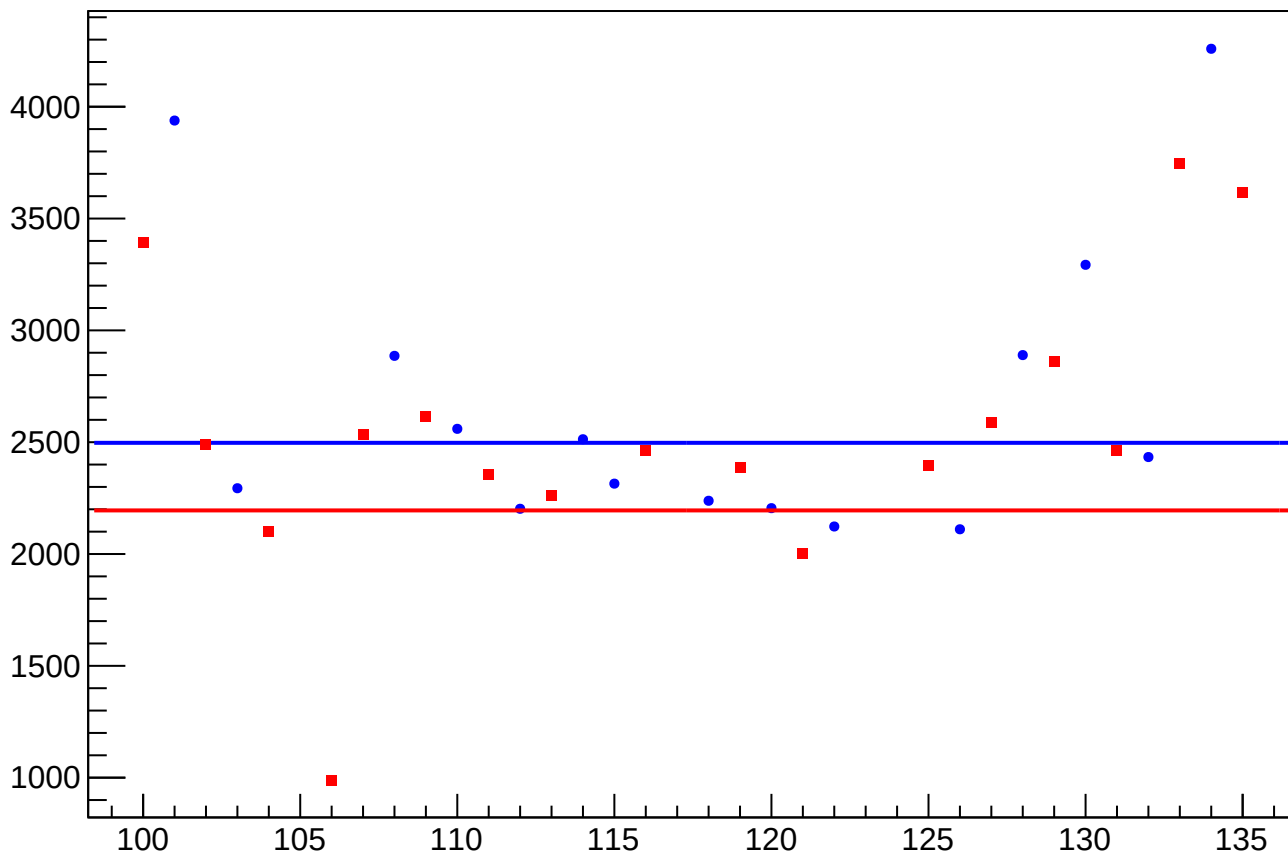
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -280.766 $\pm$ 660.748 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_reg_correction_rms vs Slug



Right In: 2497.197+/-0.718 χ^2/NDF : 506223.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

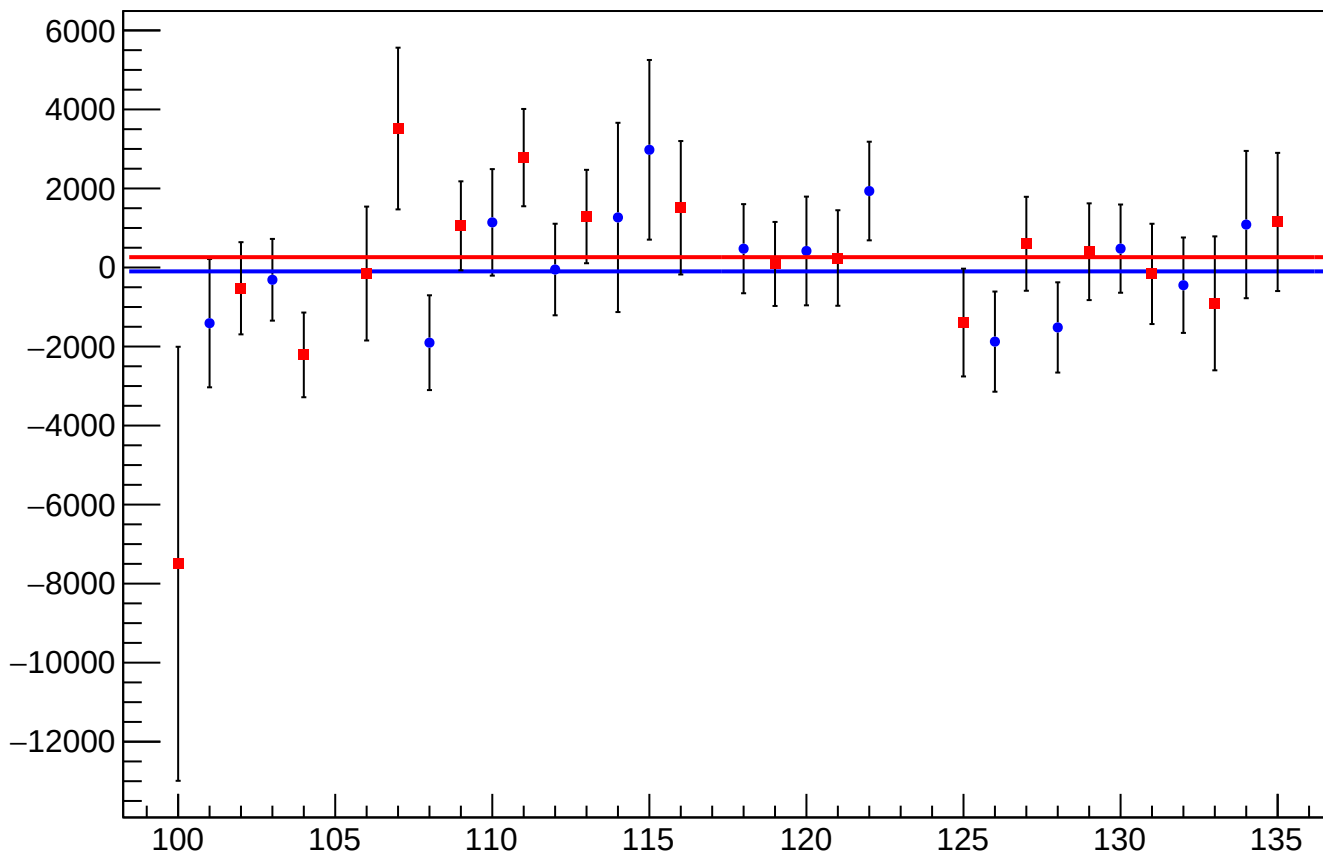
Right Out: 2194.972+/-0.615 χ^2/NDF : 1205533.4/16

All: 2322.950+/-0.467 χ^2/NDF : 1813911.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_mean vs Slug



Right In: -98.434 ± 337.196 χ^2/NDF : 13.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 261.647 ± 324.122 χ^2/NDF : 18.8/16

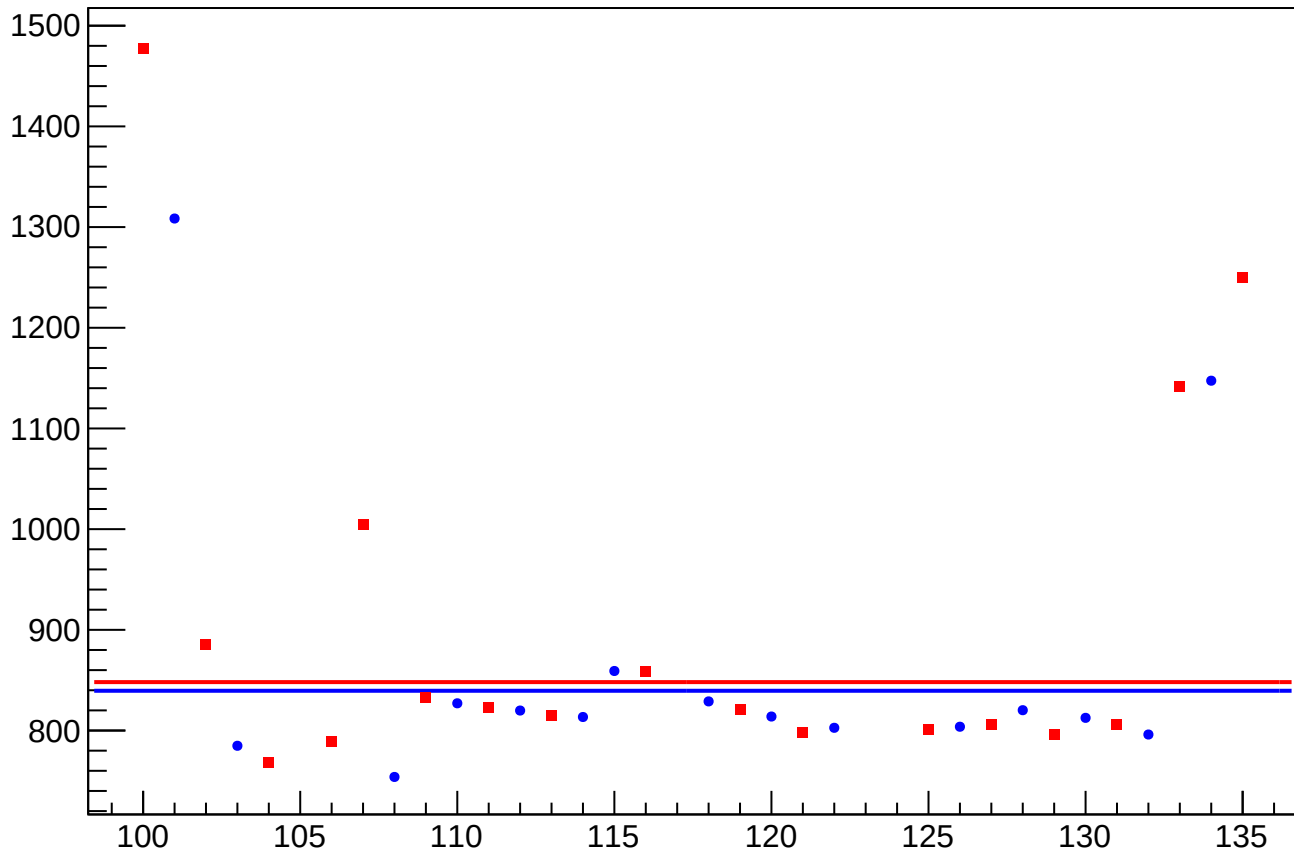
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 88.722 ± 233.674 χ^2/NDF : 32.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_usl_atl2_dd_rms vs Slug



Right In: 839.492 $\pm$ 0.238 χ^2 /NDF: 246962.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 848.096 $\pm$ 0.228 χ^2 /NDF: 238126.9/16

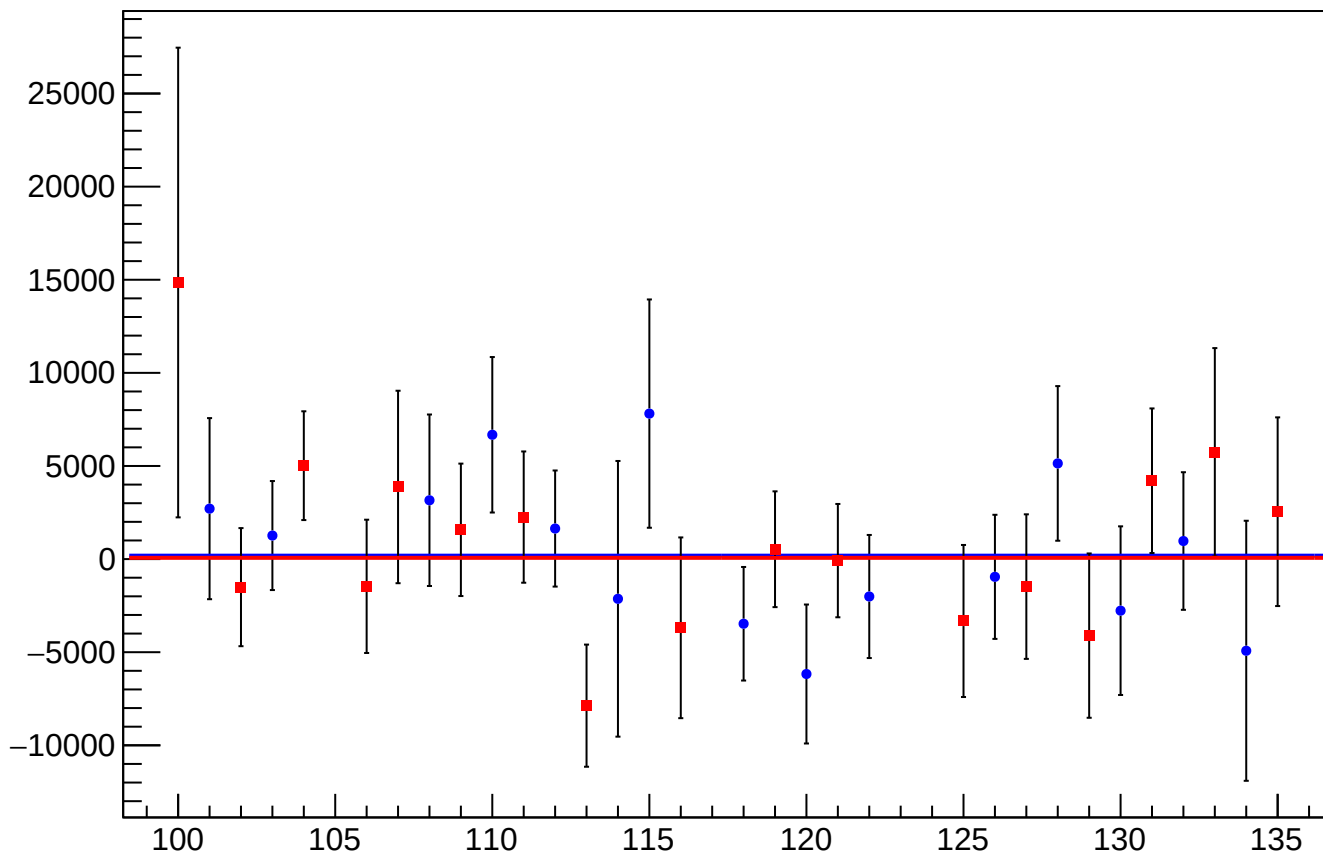
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 843.986 $\pm$ 0.165 χ^2 /NDF: 485770.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_cor_correction_mean vs Slug



Right In: 183.334+/-1013.804 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 67.785+/-928.457 χ^2/NDF : 16.4/16

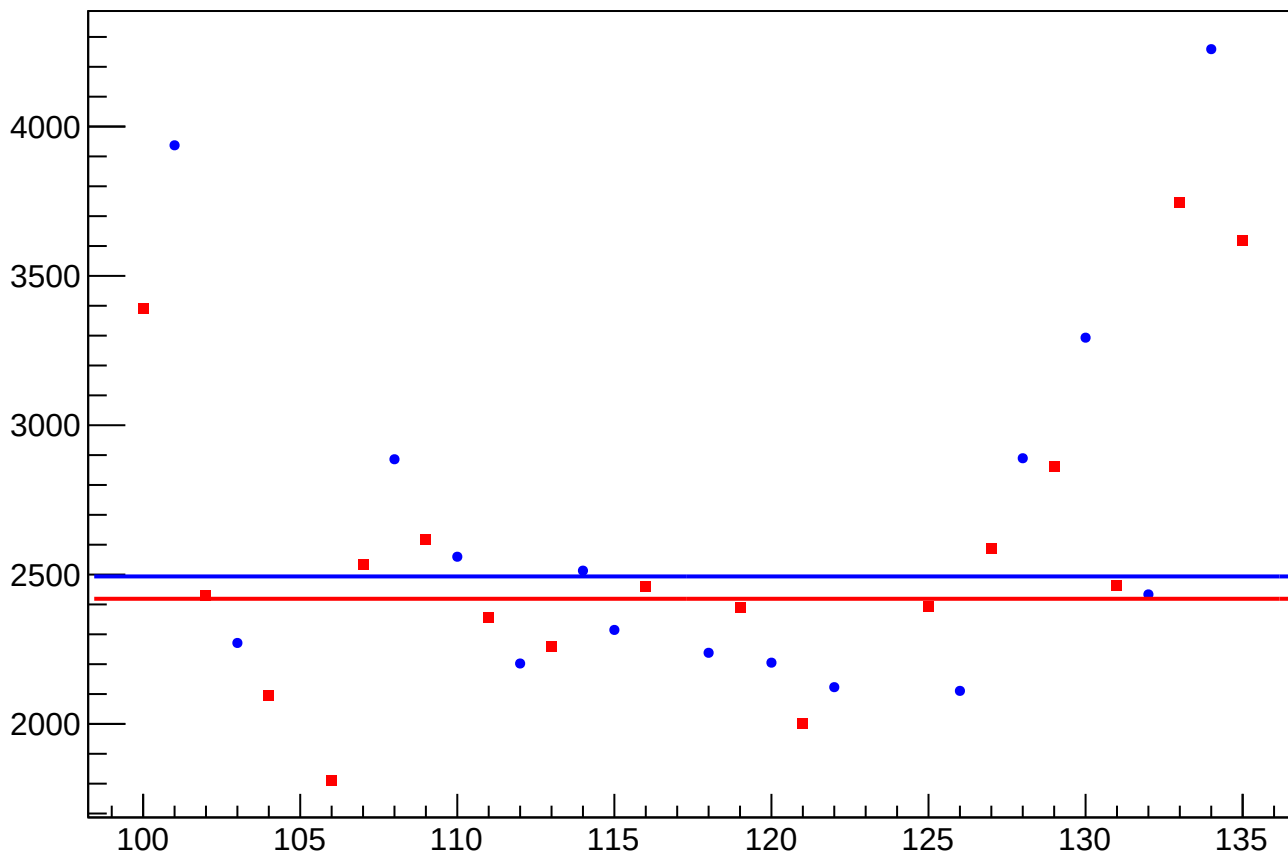
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 120.492+/-684.707 χ^2/NDF : 28.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_cor_correction_rms vs Slug



Right In: 2493.783+/-0.717 χ^2/NDF : 508617.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2418.958+/-0.657 χ^2/NDF : 393286.6/16

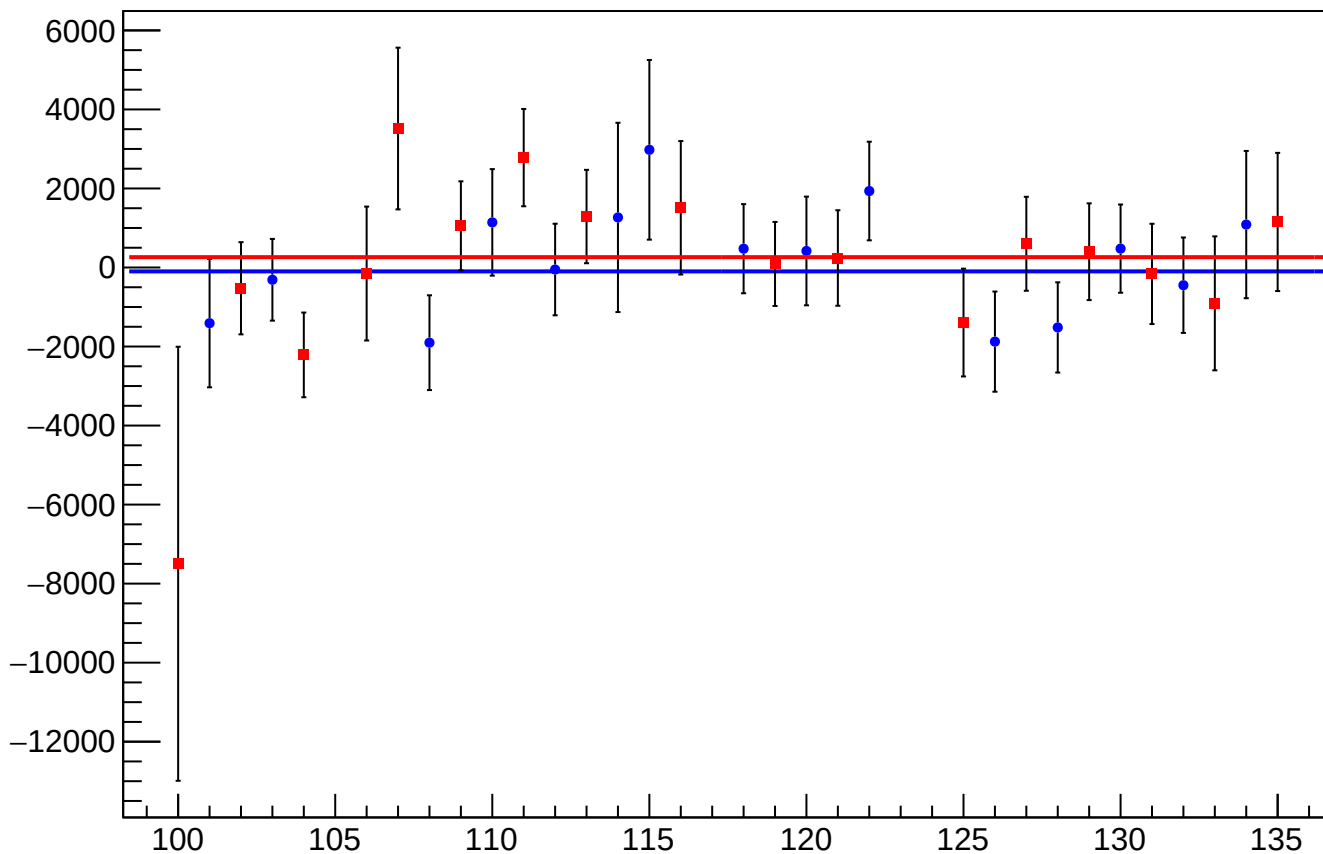
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2453.089+/-0.484 χ^2/NDF : 907829.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_mean vs Slug



Right In: -98.434 ± 337.196 χ^2/NDF : 13.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 261.647 ± 324.122 χ^2/NDF : 18.8/16

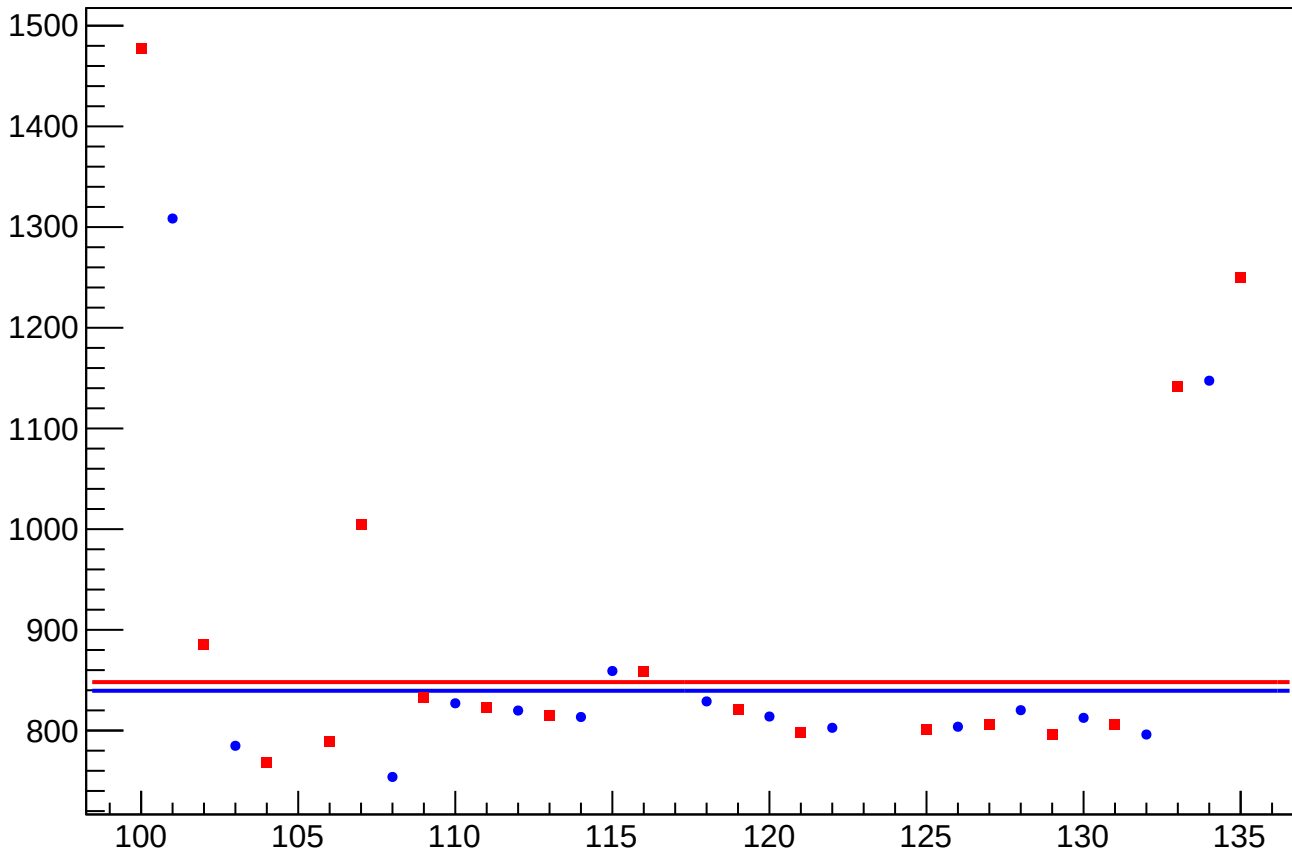
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 88.722 ± 233.674 χ^2/NDF : 32.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usl_atl2_dd_rms vs Slug



Right In: 839.492+/-0.238 χ^2/NDF : 246962.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

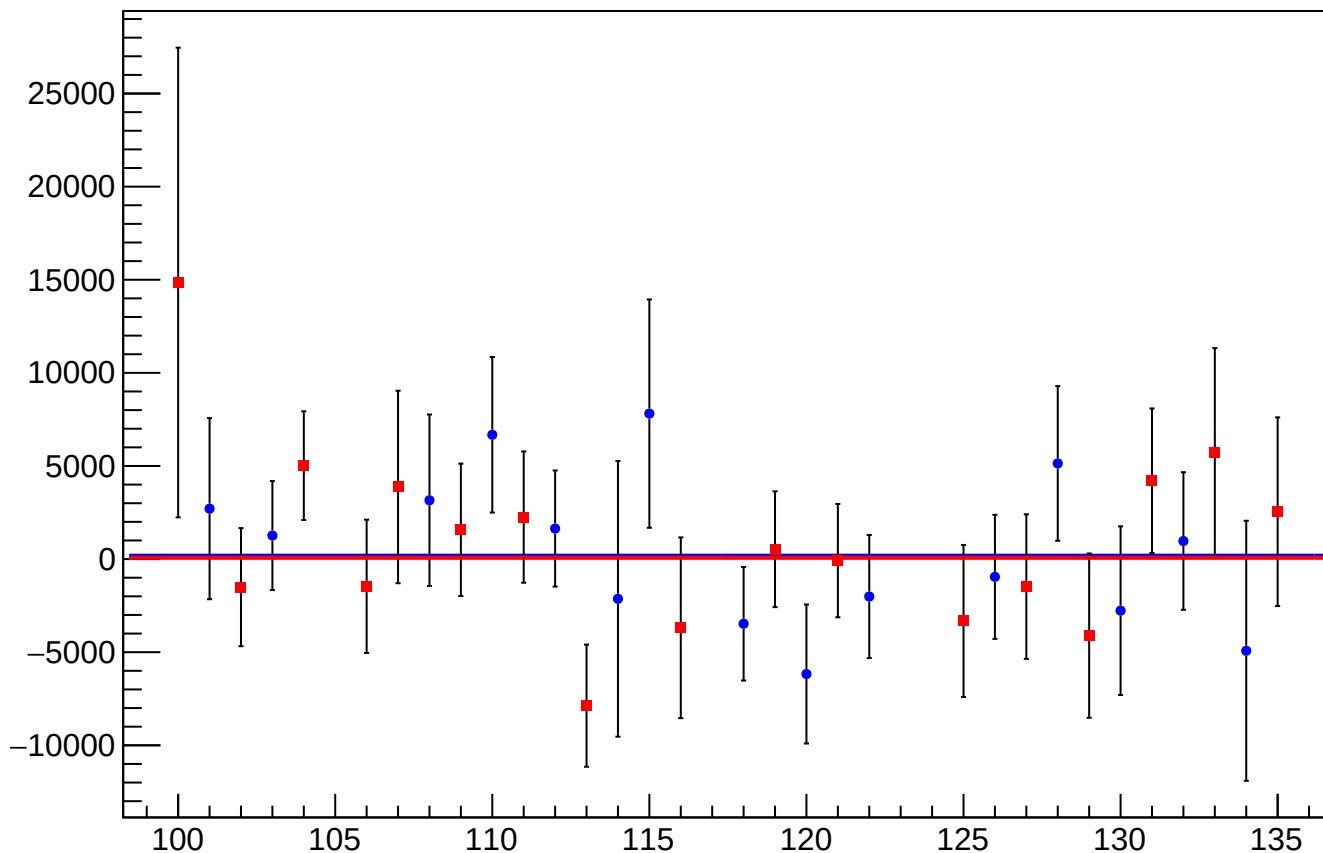
Right Out: 848.096+/-0.228 χ^2/NDF : 238126.9/16

All: 843.986+/-0.165 χ^2/NDF : 485770.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_mean vs Slug



Right In: 183.334 $\pm$ 1013.804 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 67.785 $\pm$ 928.457 χ^2 /NDF: 16.4/16

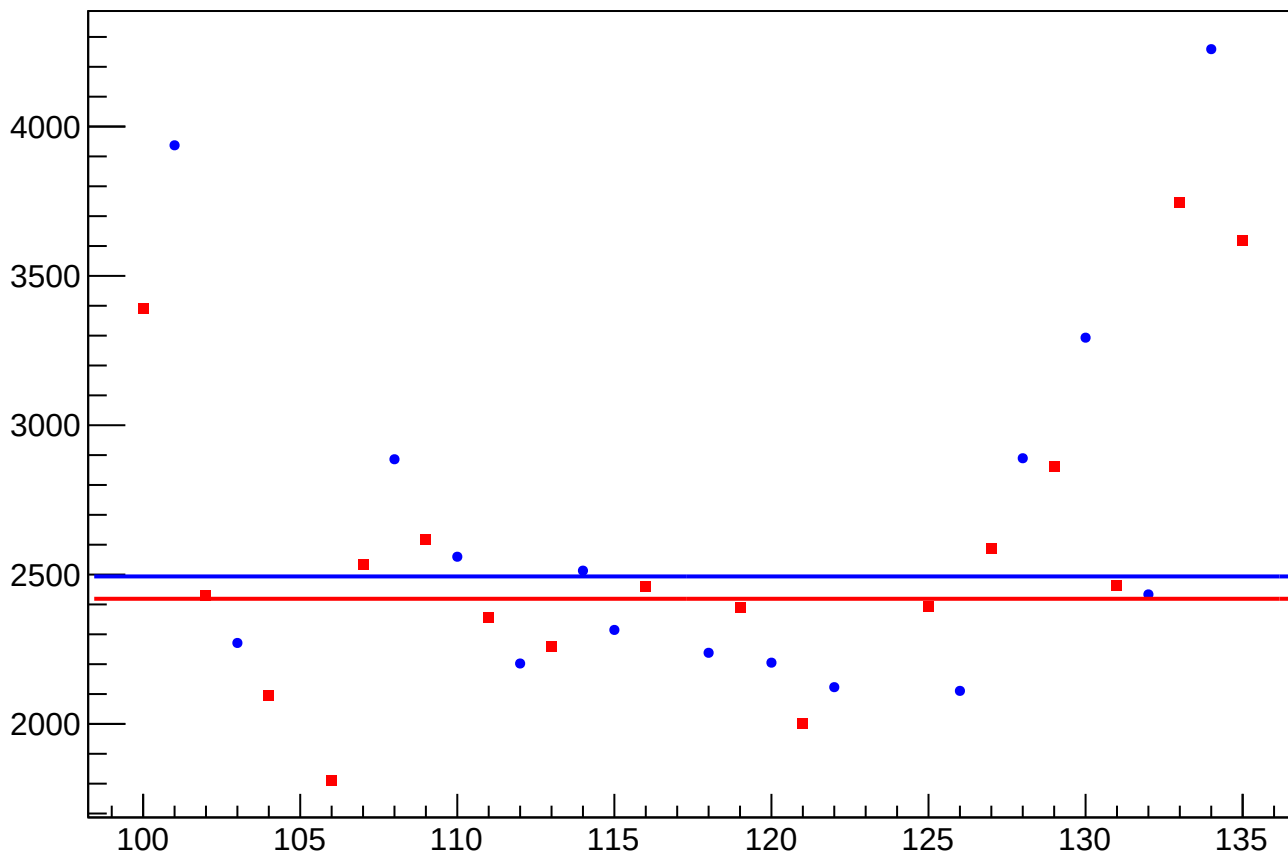
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.492 $\pm$ 684.707 χ^2 /NDF: 28.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_correction_rms vs Slug



Right In: 2493.783+/-0.717 χ^2/NDF : 508617.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

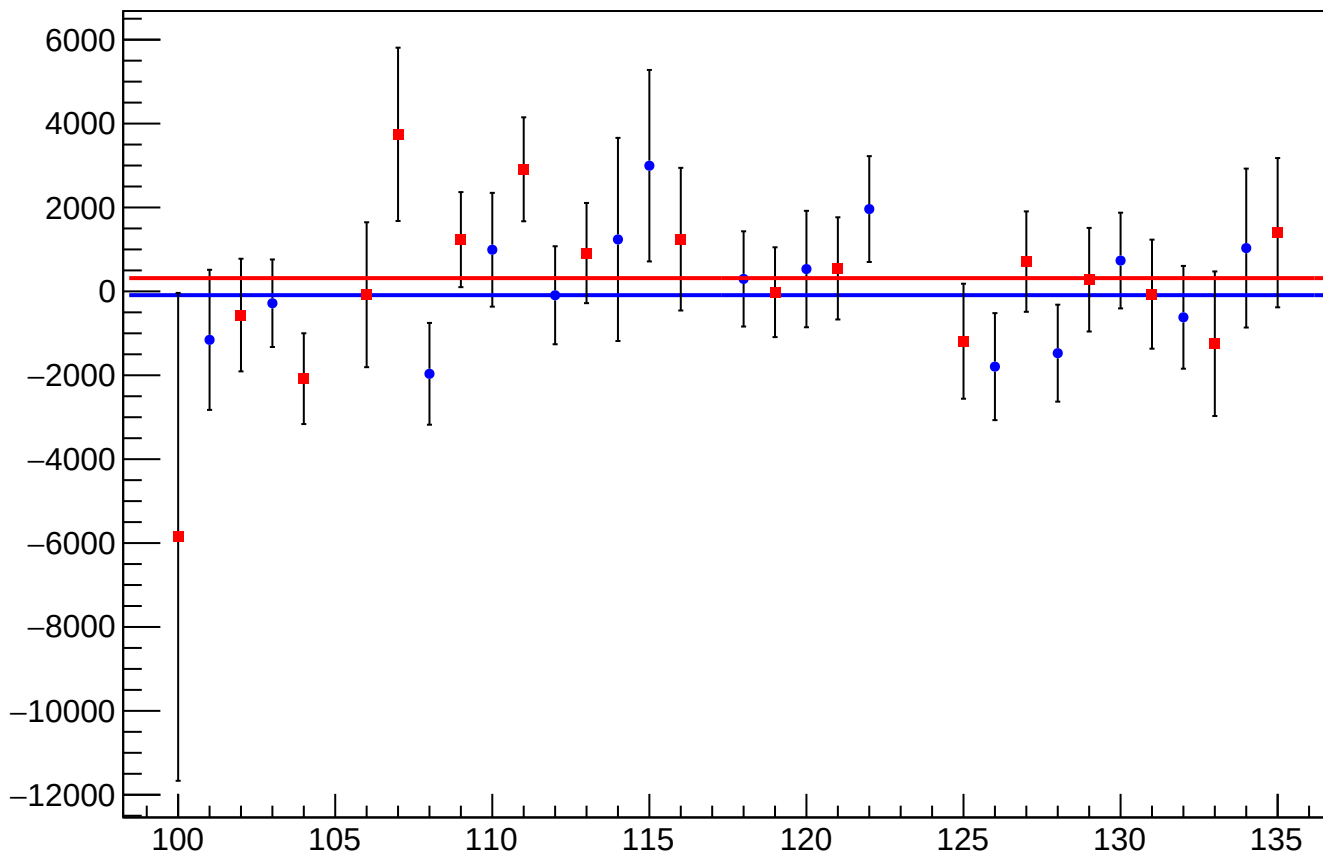
Right Out: 2418.958+/-0.657 χ^2/NDF : 393286.6/16

All: 2453.089+/-0.484 χ^2/NDF : 907829.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_mean vs Slug



Right In: -90.194+/-341.075 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.045+/-330.373 χ^2/NDF : 17.6/16

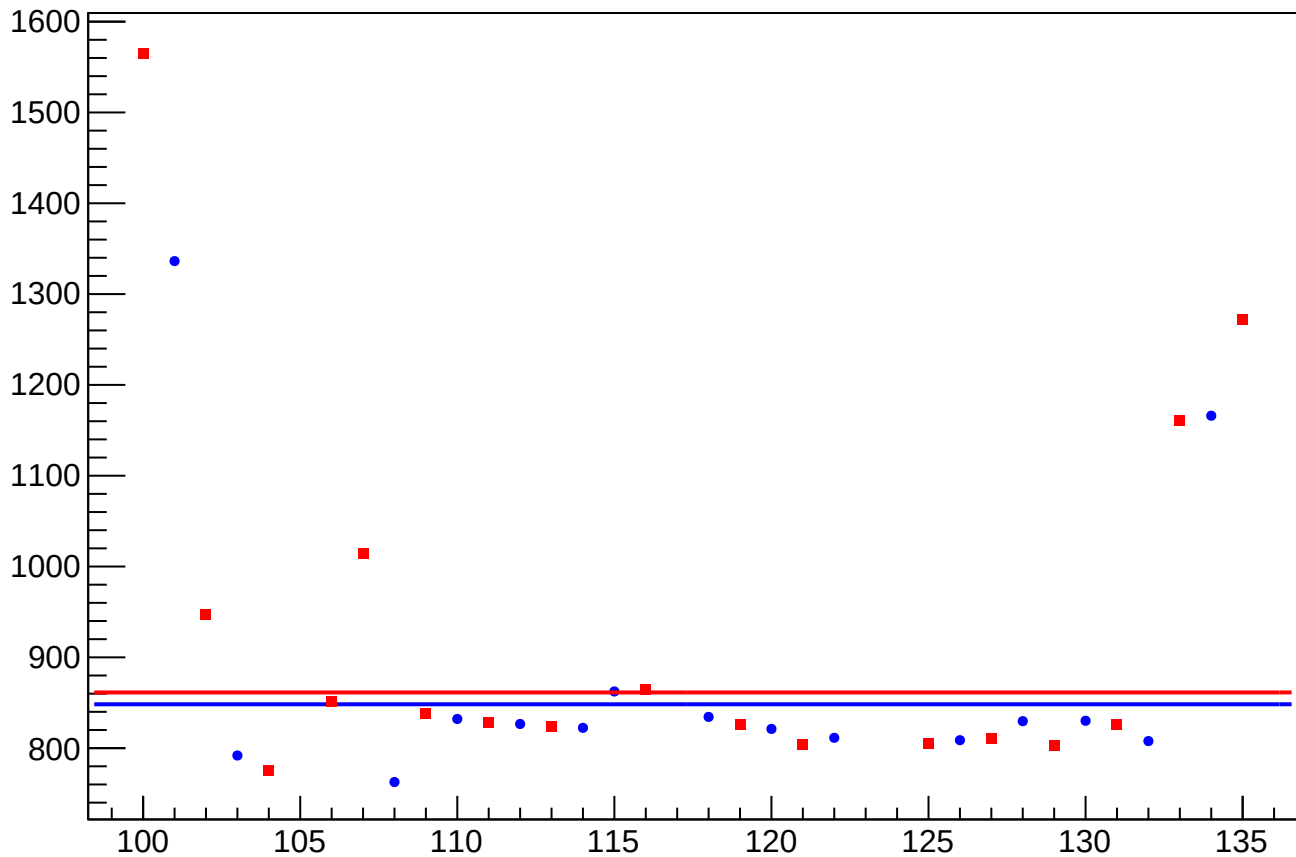
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.399+/-237.302 χ^2/NDF : 31.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usl_atl2_dd_rms vs Slug



Right In: 848.305+/-0.241 χ^2/NDF : 252082.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.347+/-0.233 χ^2/NDF : 251434.2/16

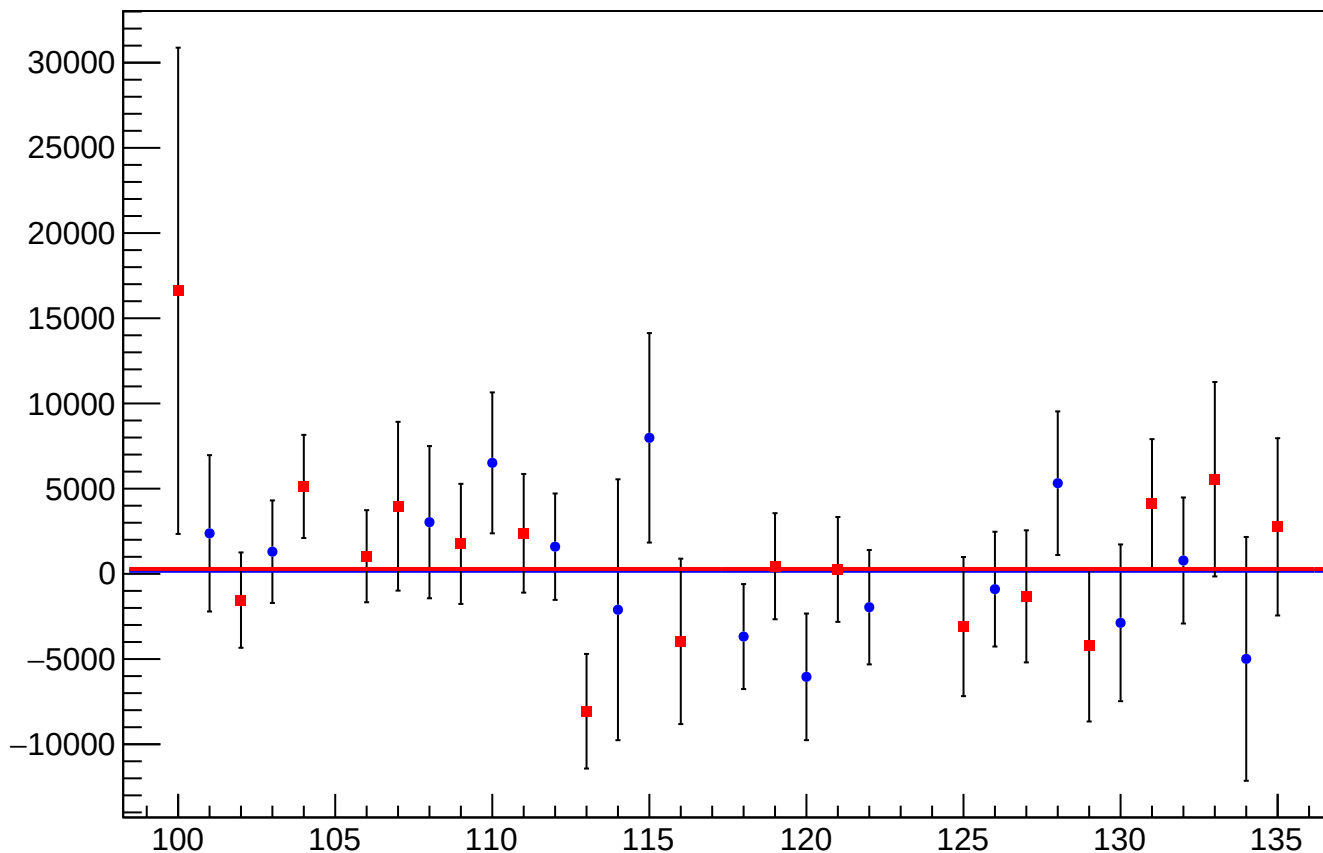
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.040+/-0.168 χ^2/NDF : 505026.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_correction_mean vs Slug



Right In: 180.288+/-1018.701 χ^2 /NDF: 12.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 287.070+/-899.542 χ^2 /NDF: 16.4/16

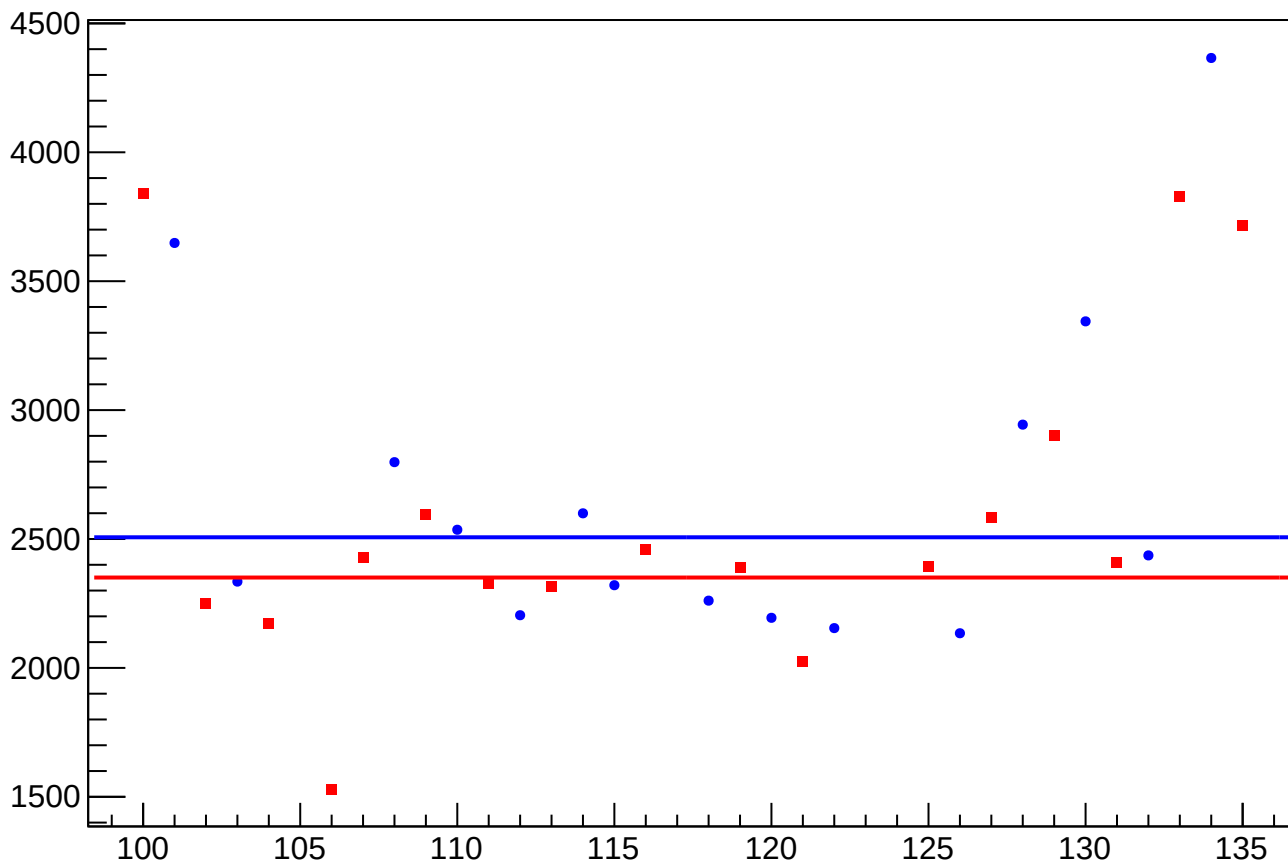
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 240.287+/-674.285 χ^2 /NDF: 28.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_correction_rms vs Slug



Right In: 2506.661+/-0.720 χ^2/NDF : 456734.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2350.558+/-0.636 χ^2/NDF : 559993.3/16

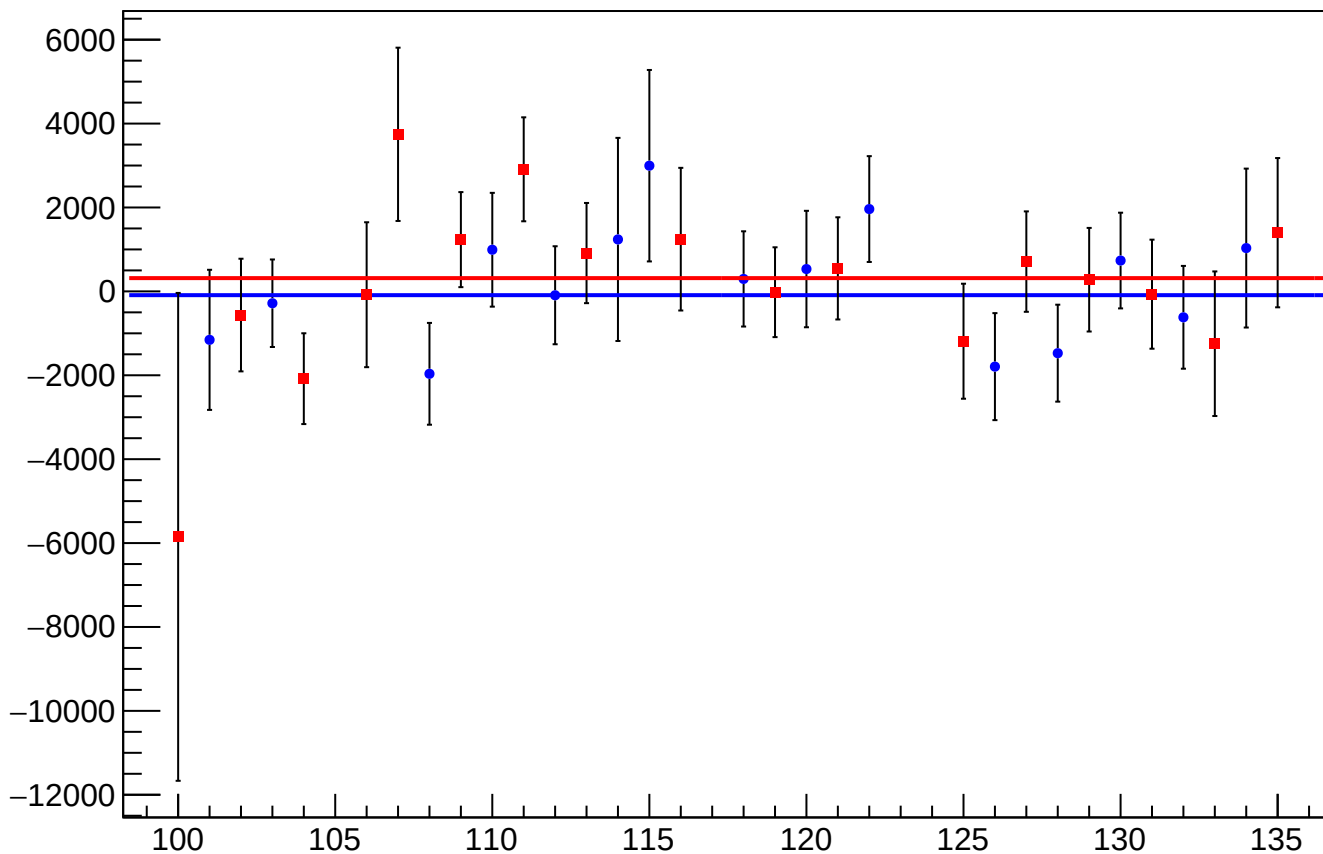
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2418.950+/-0.477 χ^2/NDF : 1043115.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_mean vs Slug



Right In: -90.198+/-341.075 χ^2/NDF : 12.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.049+/-330.373 χ^2/NDF : 17.6/16

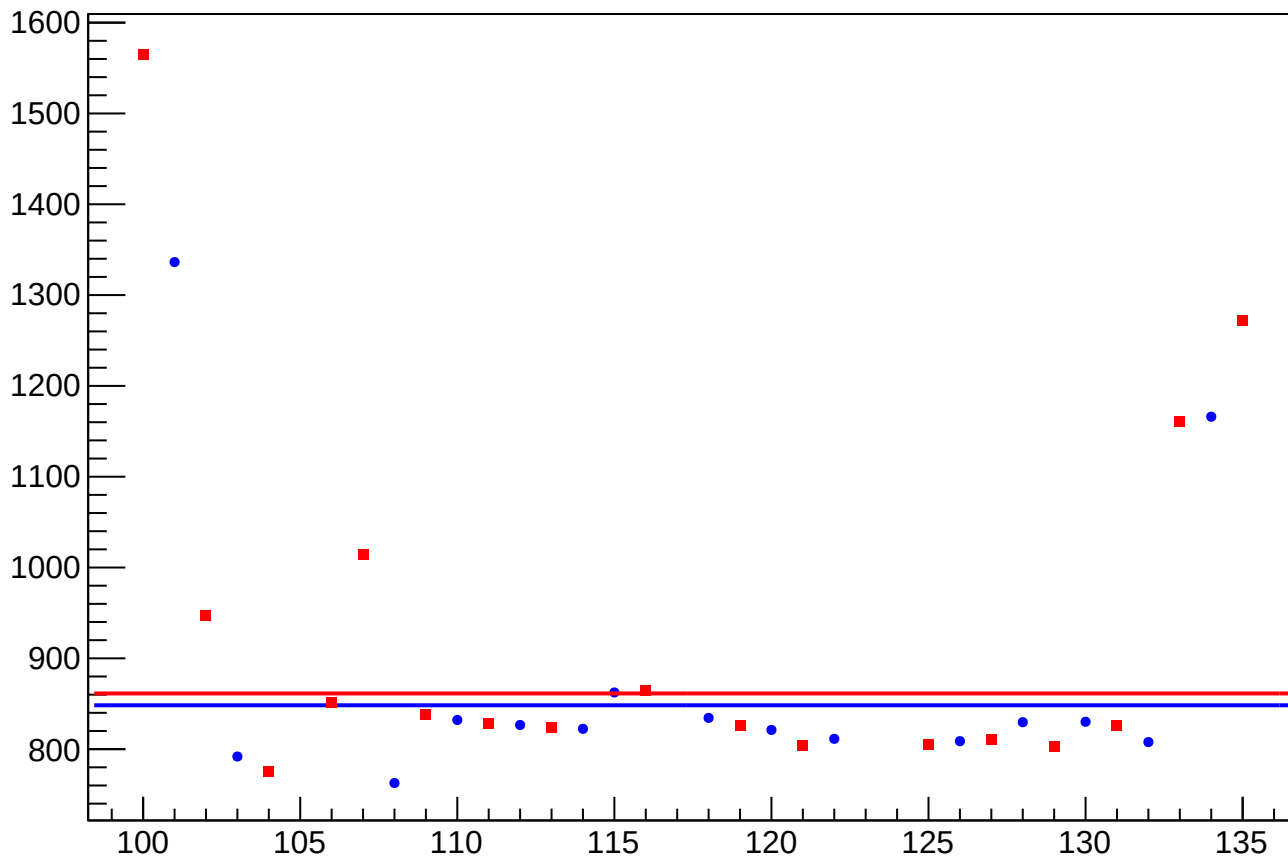
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 119.399+/-237.302 χ^2/NDF : 31.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usl_atl2_dd_rms vs Slug



Right In: 848.305+/-0.241 χ^2/NDF : 252081.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 861.347+/-0.233 χ^2/NDF : 251434.2/16

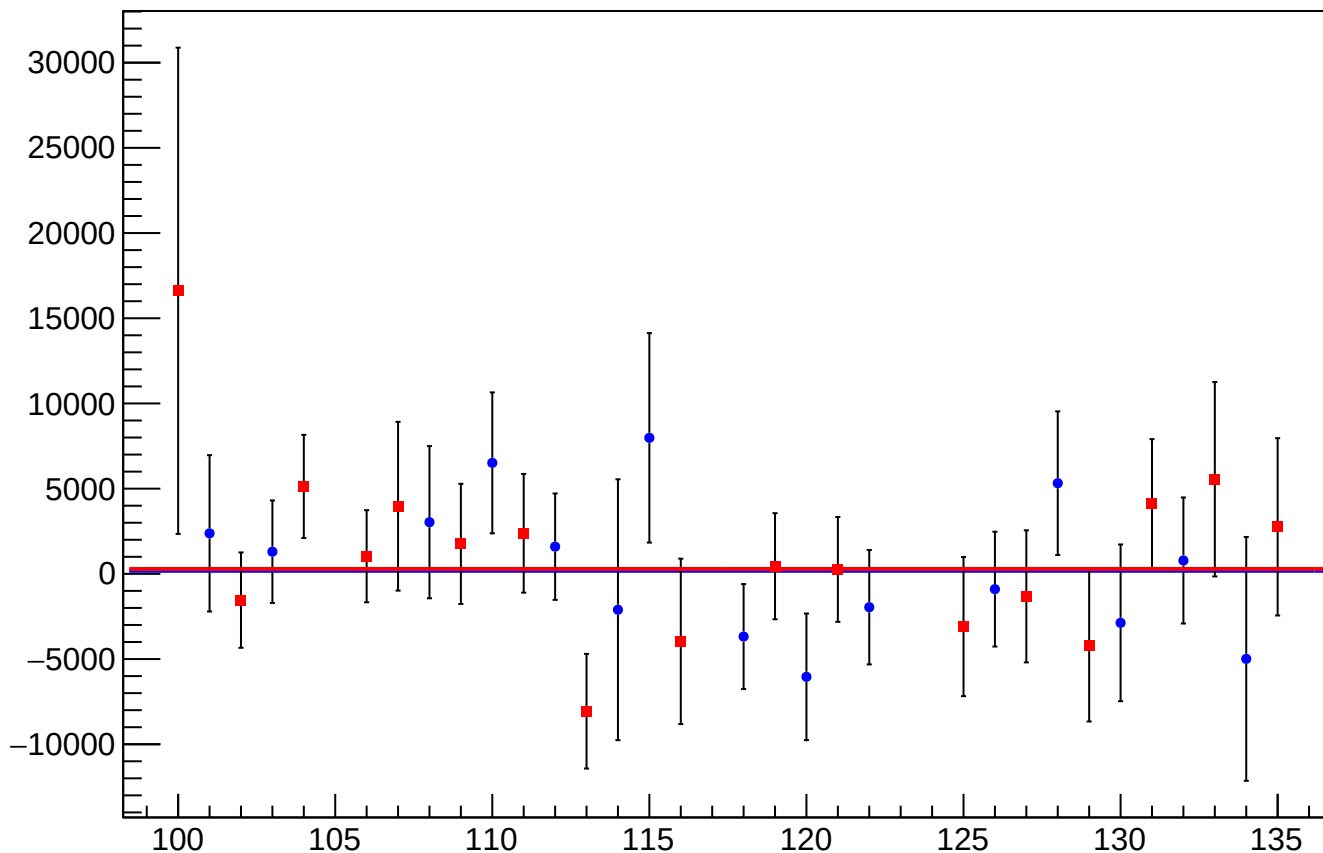
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 855.040+/-0.168 χ^2/NDF : 505026.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_mean vs Slug



Right In: 180.286+/-1018.698 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 287.071+/-899.540 χ^2/NDF : 16.4/16

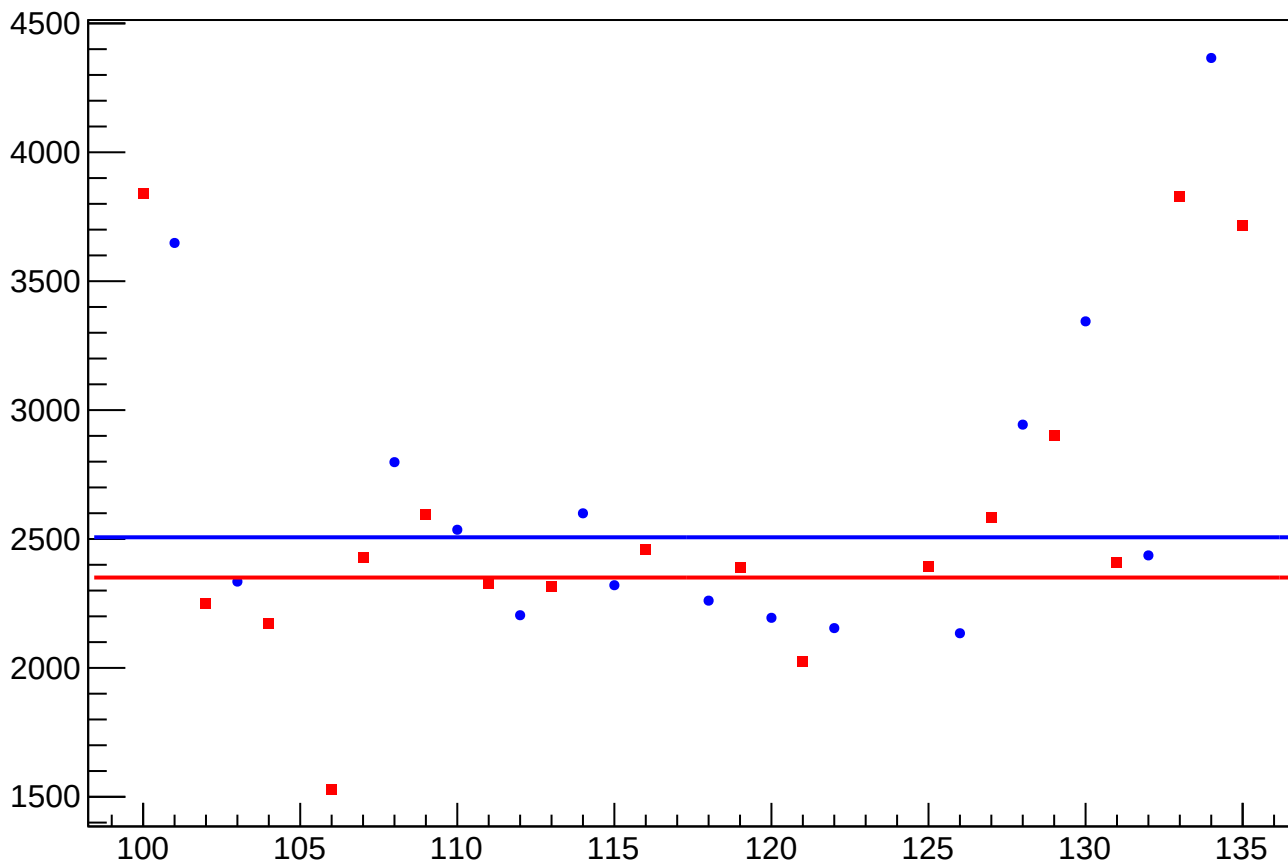
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 240.286+/-674.283 χ^2/NDF : 28.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_correction_rms vs Slug



Right In: 2506.652 $\pm$ 0.720 χ^2 /NDF: 456737.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2350.551 $\pm$ 0.636 χ^2 /NDF: 559996.0/16

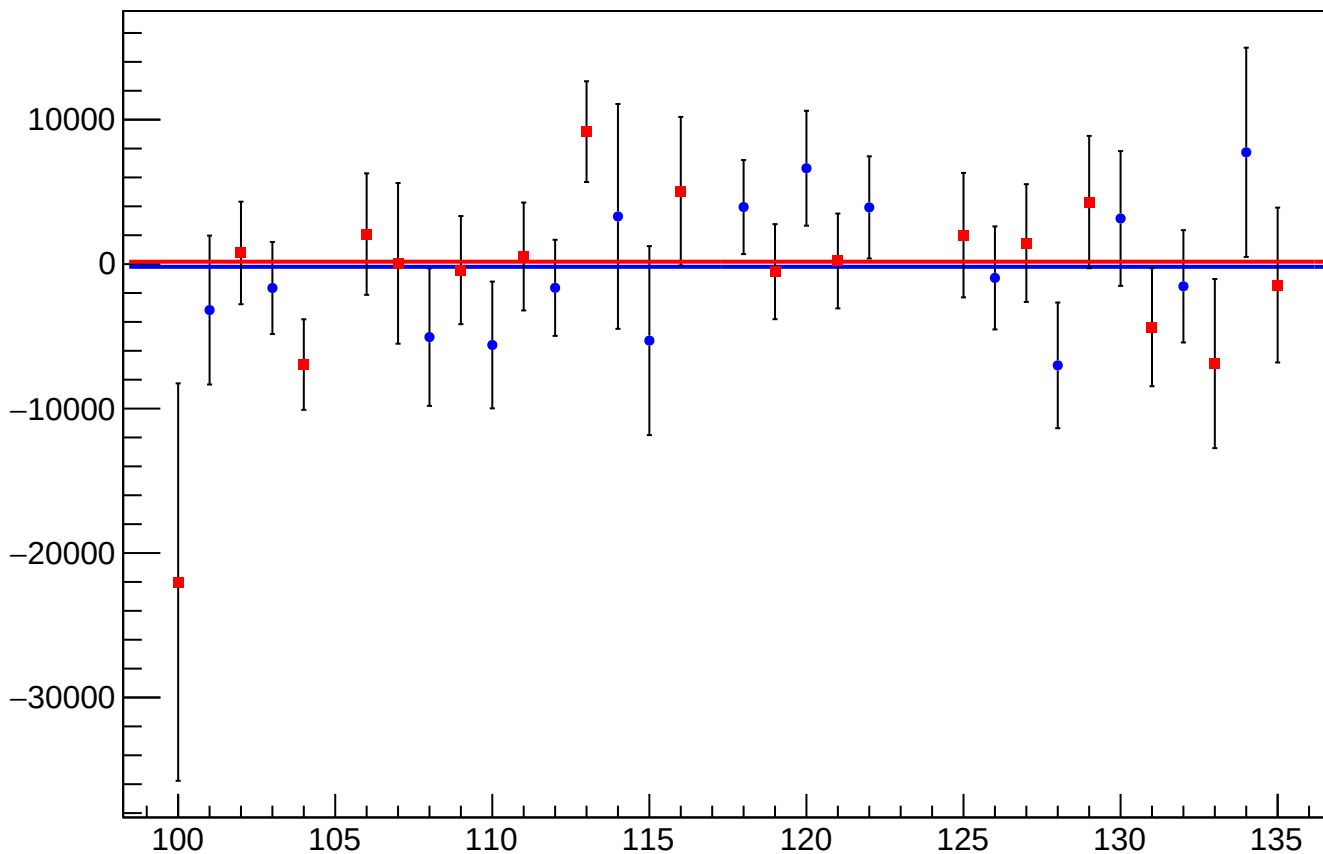
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2418.942 $\pm$ 0.477 χ^2 /NDF: 1043120.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_mean vs Slug



Right In: -187.113+/-1076.784 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 167.456+/-995.380 χ^2/NDF : 19.5/16

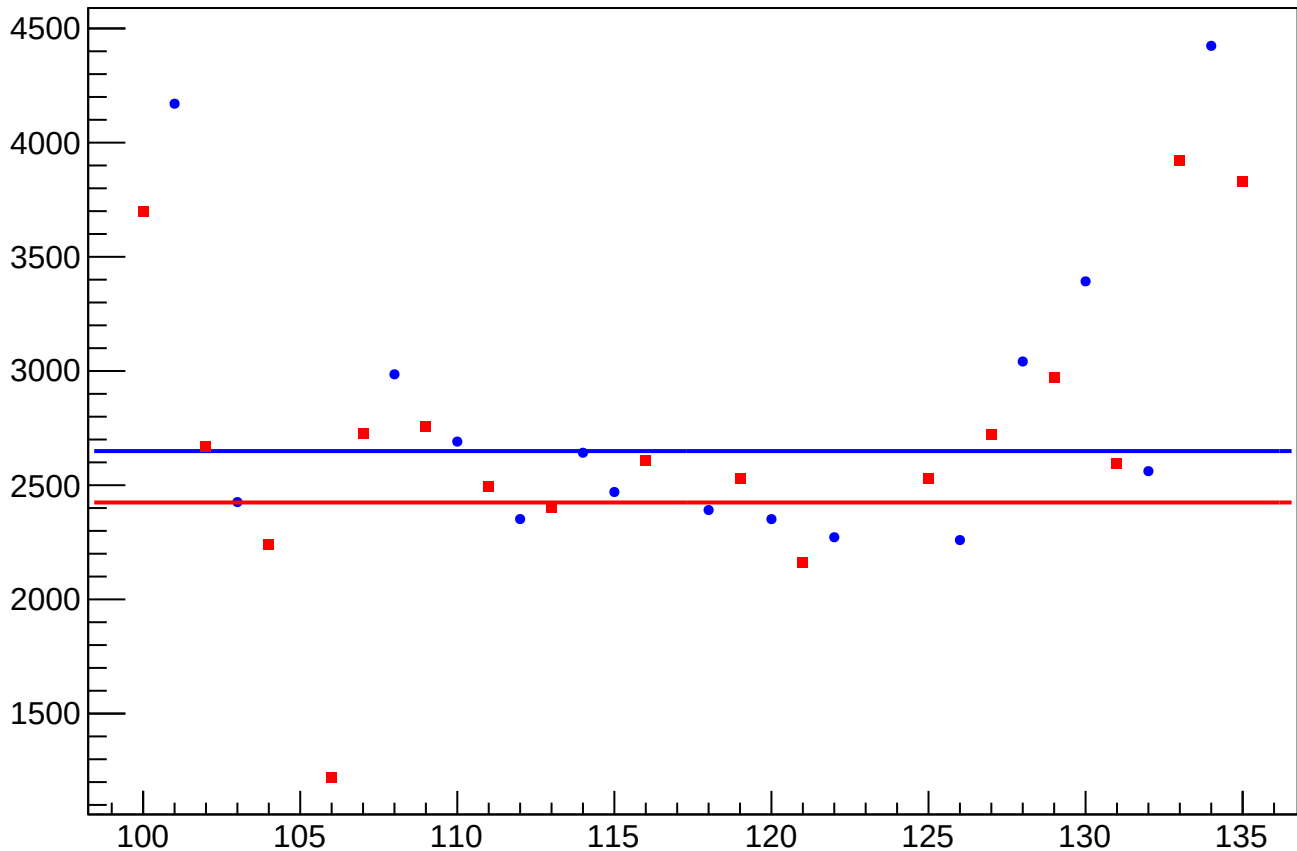
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.079+/-730.926 χ^2/NDF : 33.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_rms vs Slug



Right In: 2649.413+/-0.761 χ^2/NDF : 470224.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2424.348+/-0.671 χ^2/NDF : 840695.7/16

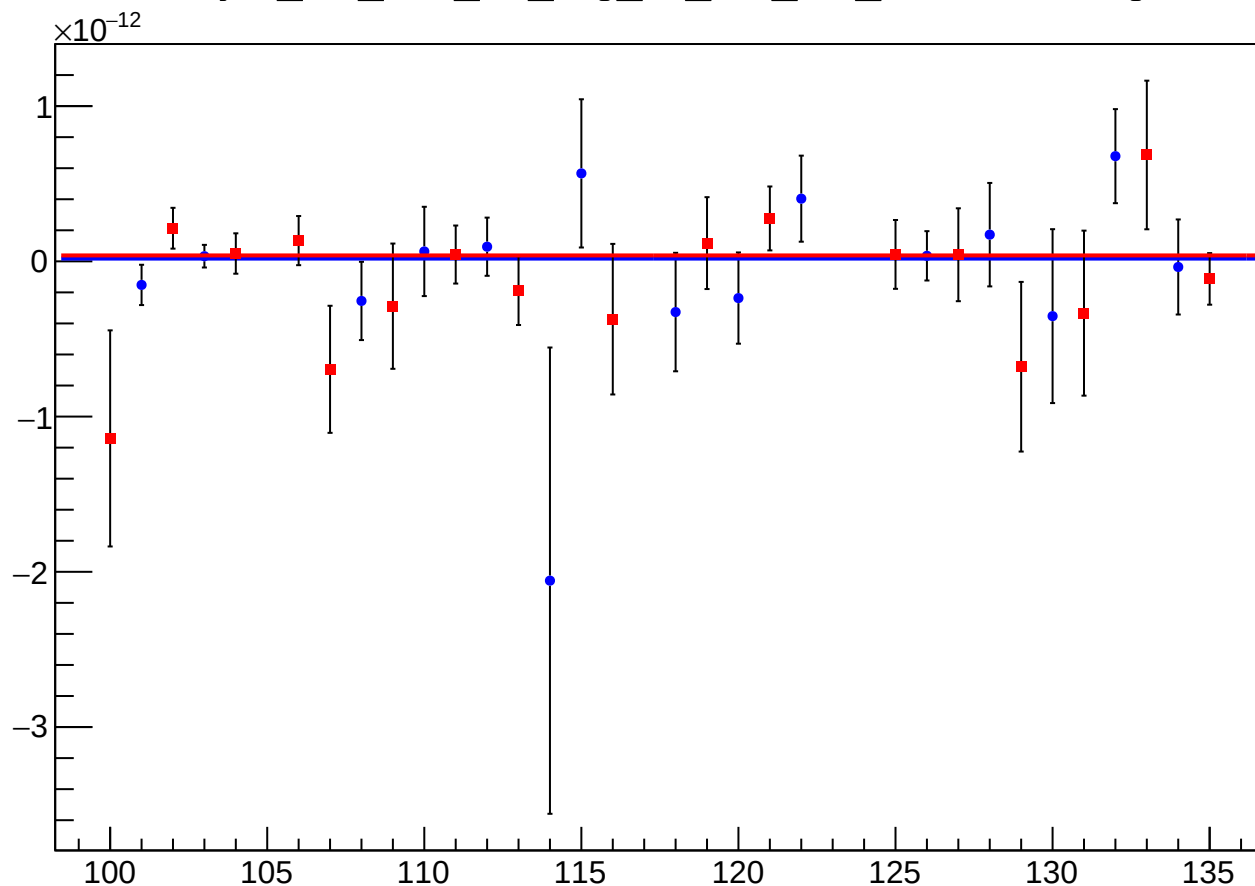
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2522.771+/-0.504 χ^2/NDF : 1360085.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 16.9/16

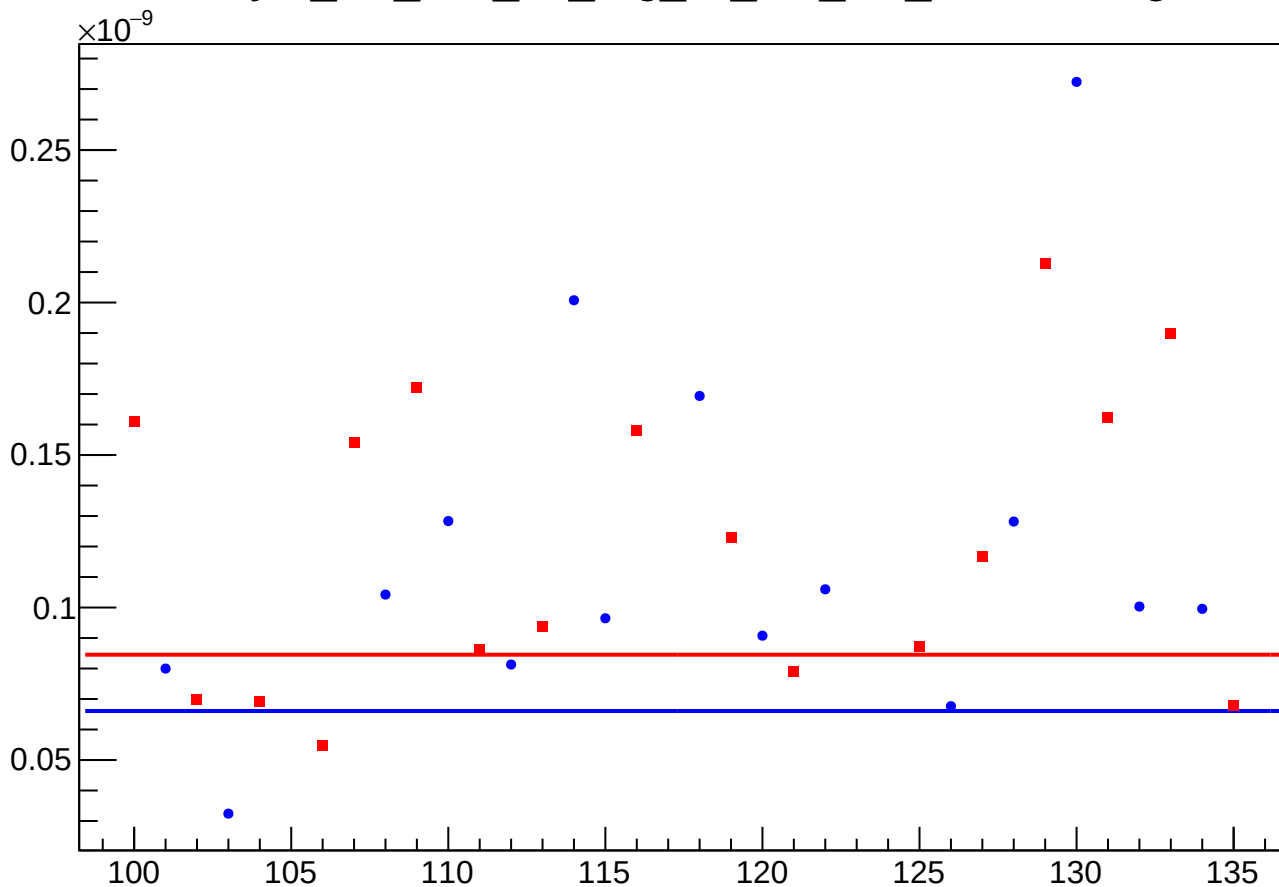
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1218872.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 677635.2/16

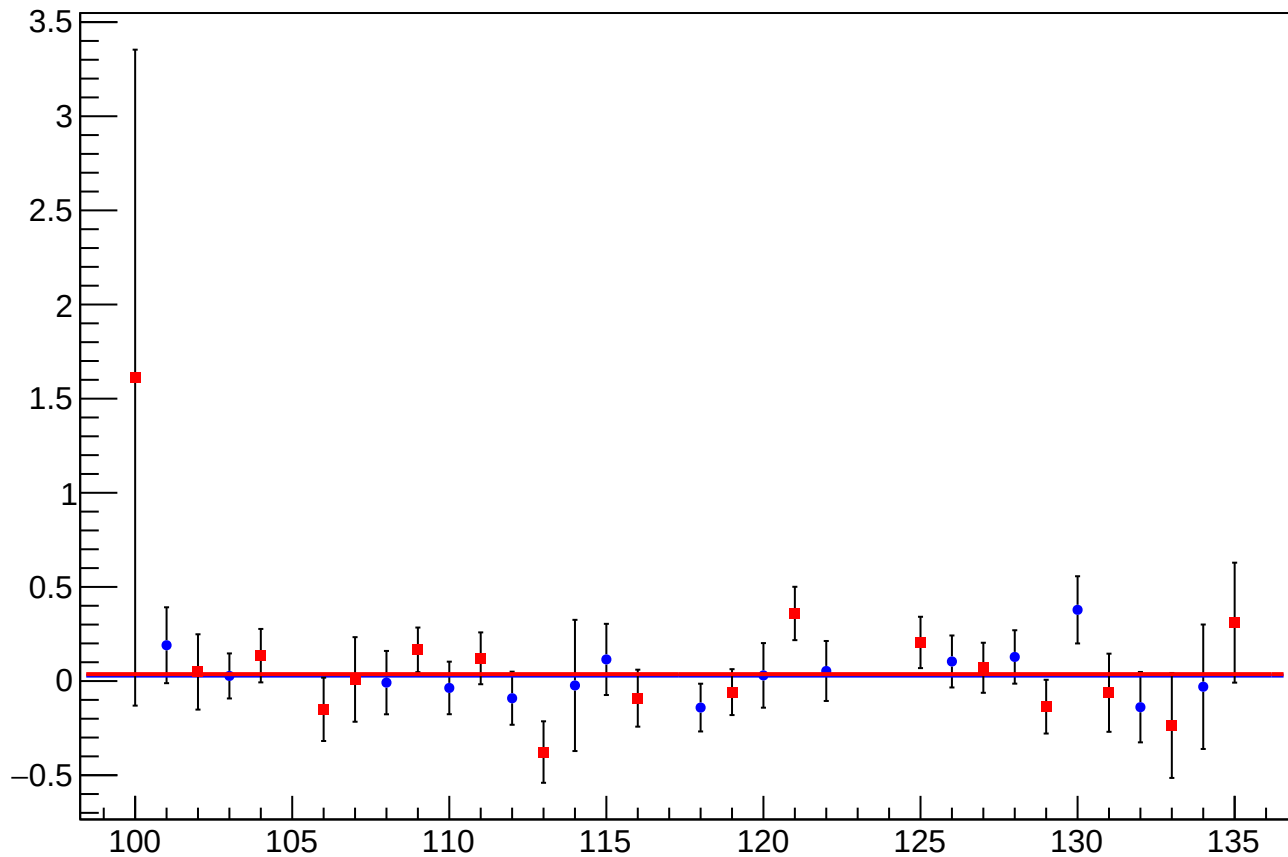
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2023401.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

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

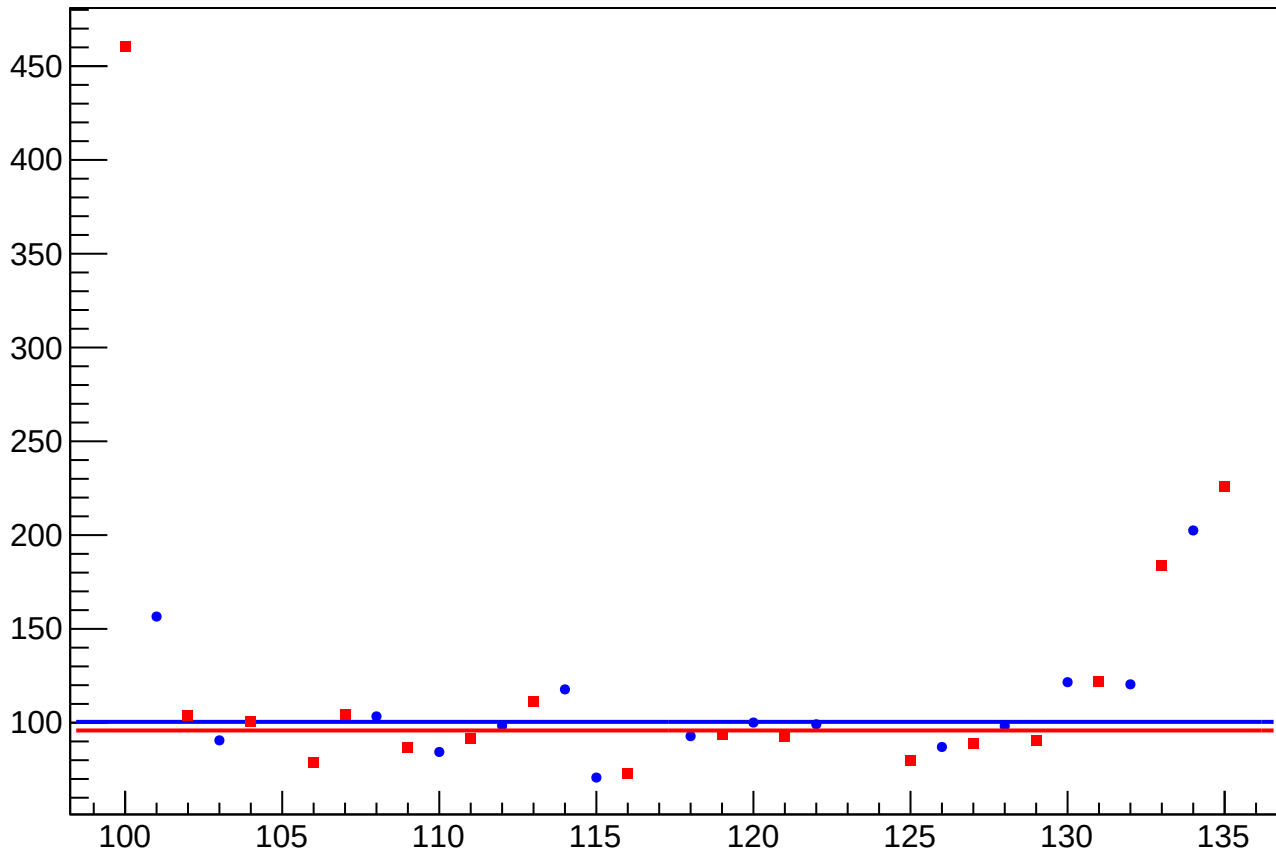
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 31.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.847+/-0.028 χ^2/NDF : 795669.5/16

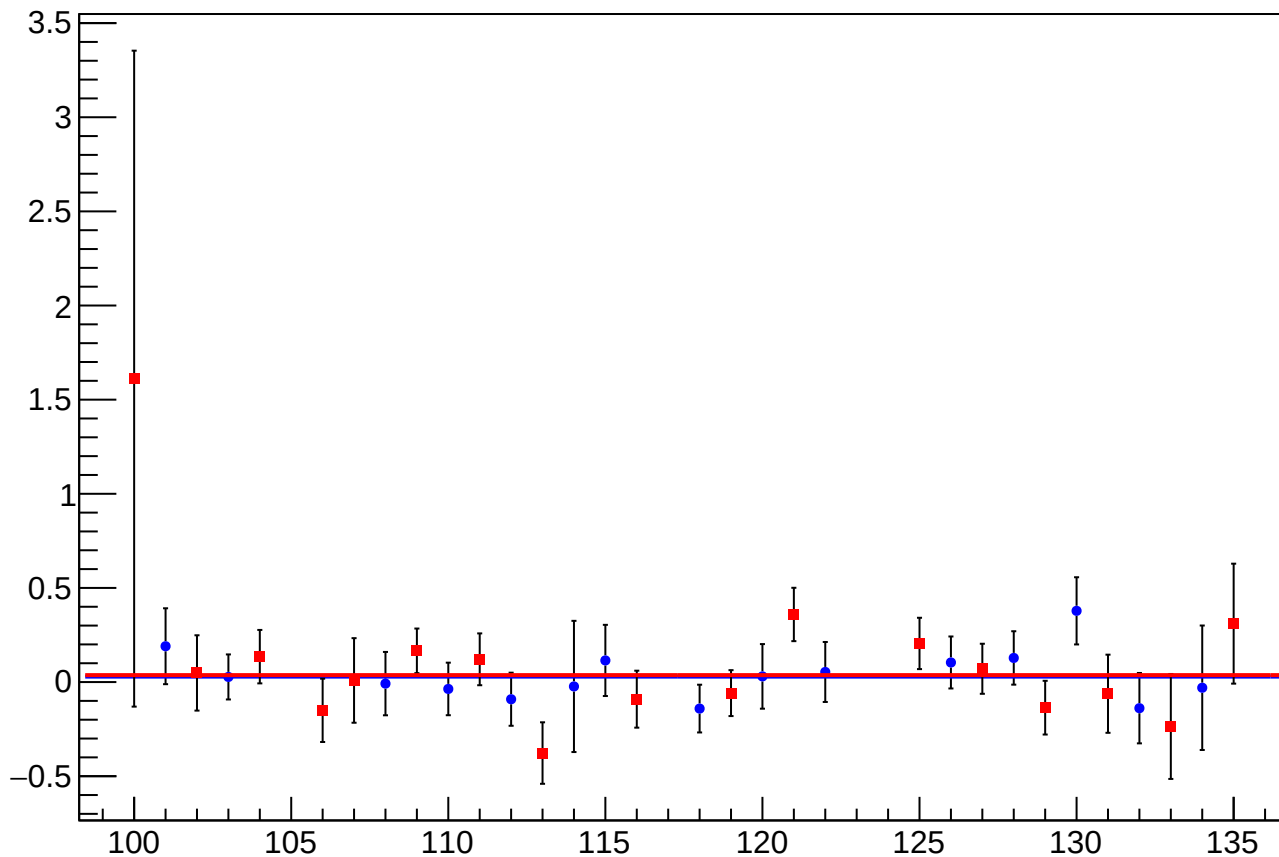
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.988+/-0.020 χ^2/NDF : 1327251.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

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

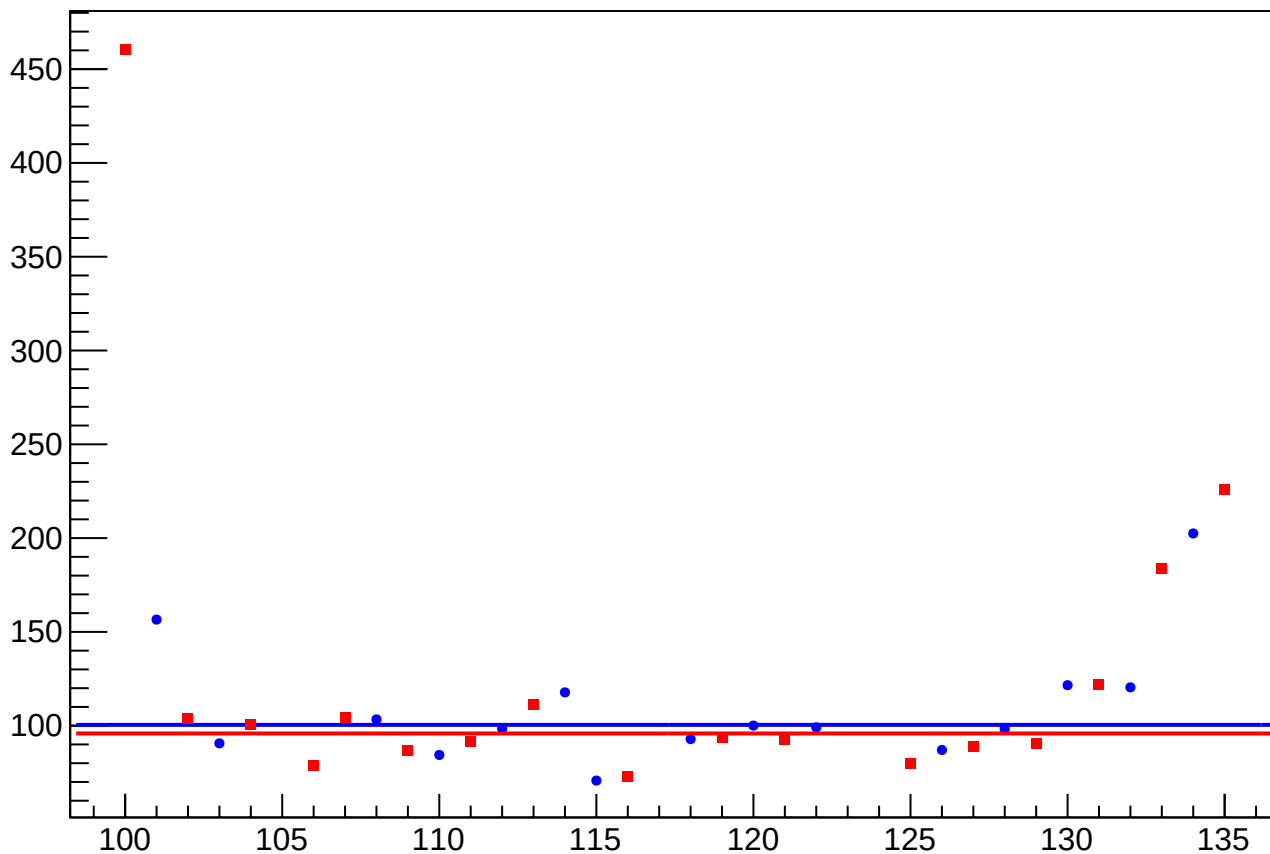
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 31.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 100.441+/-0.029 χ^2/NDF : 518631.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.847+/-0.028 χ^2/NDF : 795669.5/16

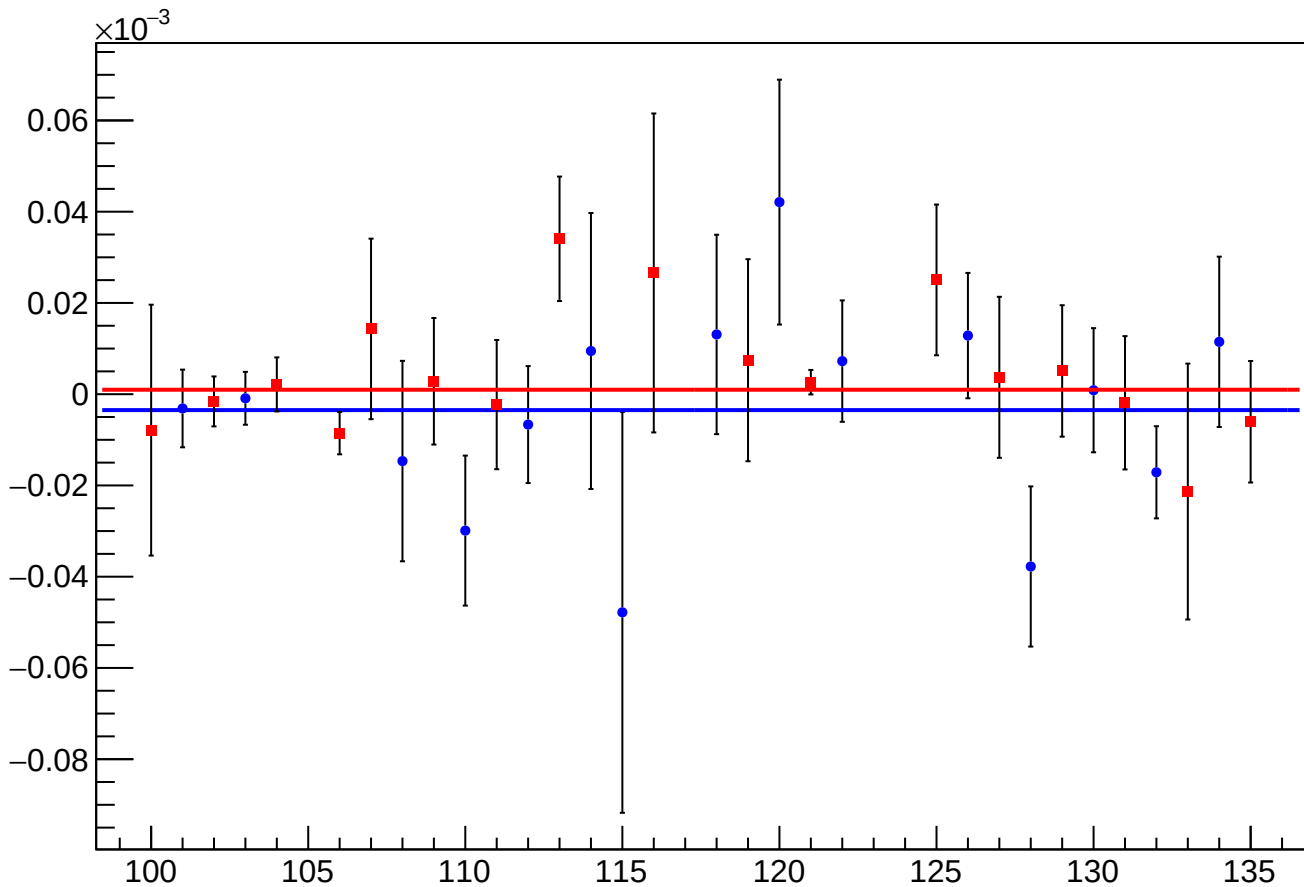
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.988+/-0.020 χ^2/NDF : 1327251.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/14

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

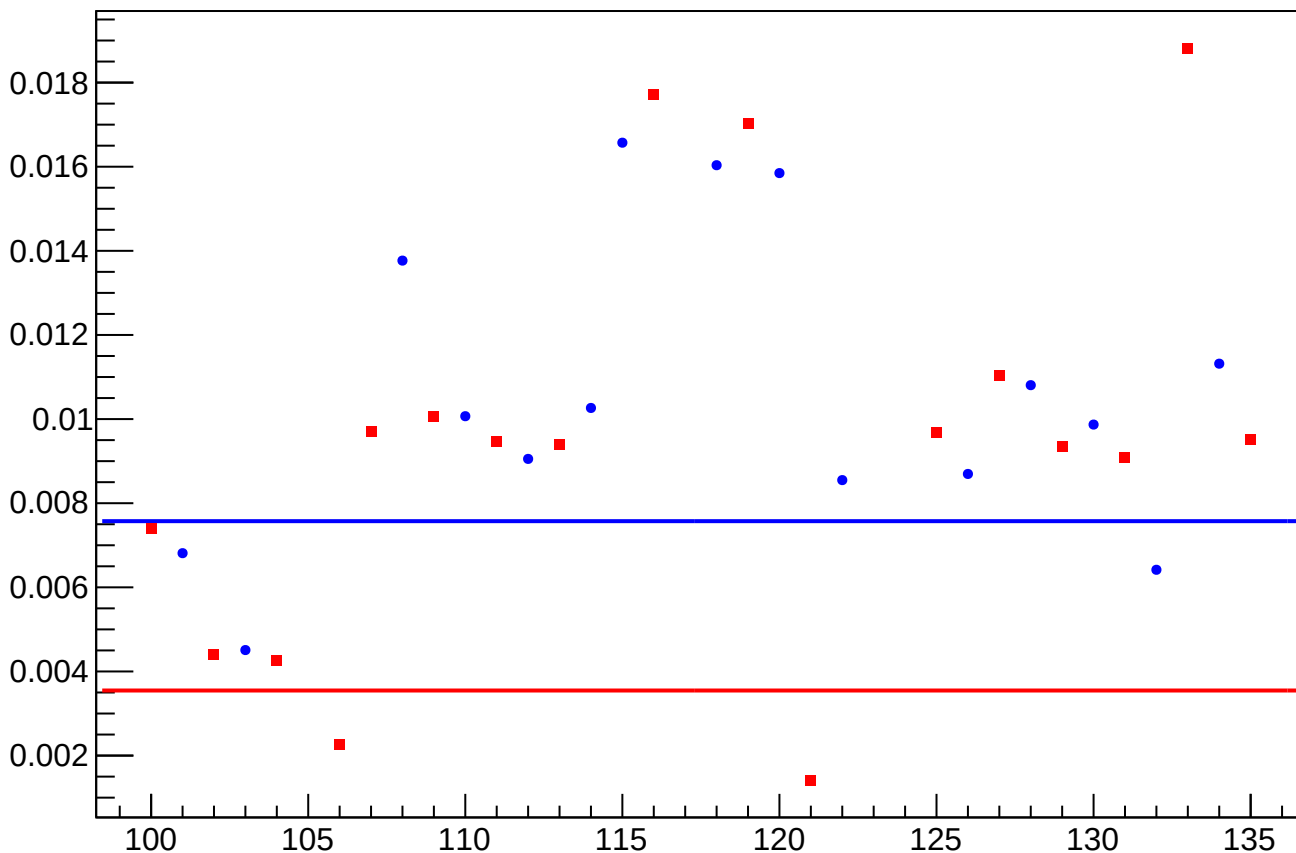
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1651969.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 6207954.1/16

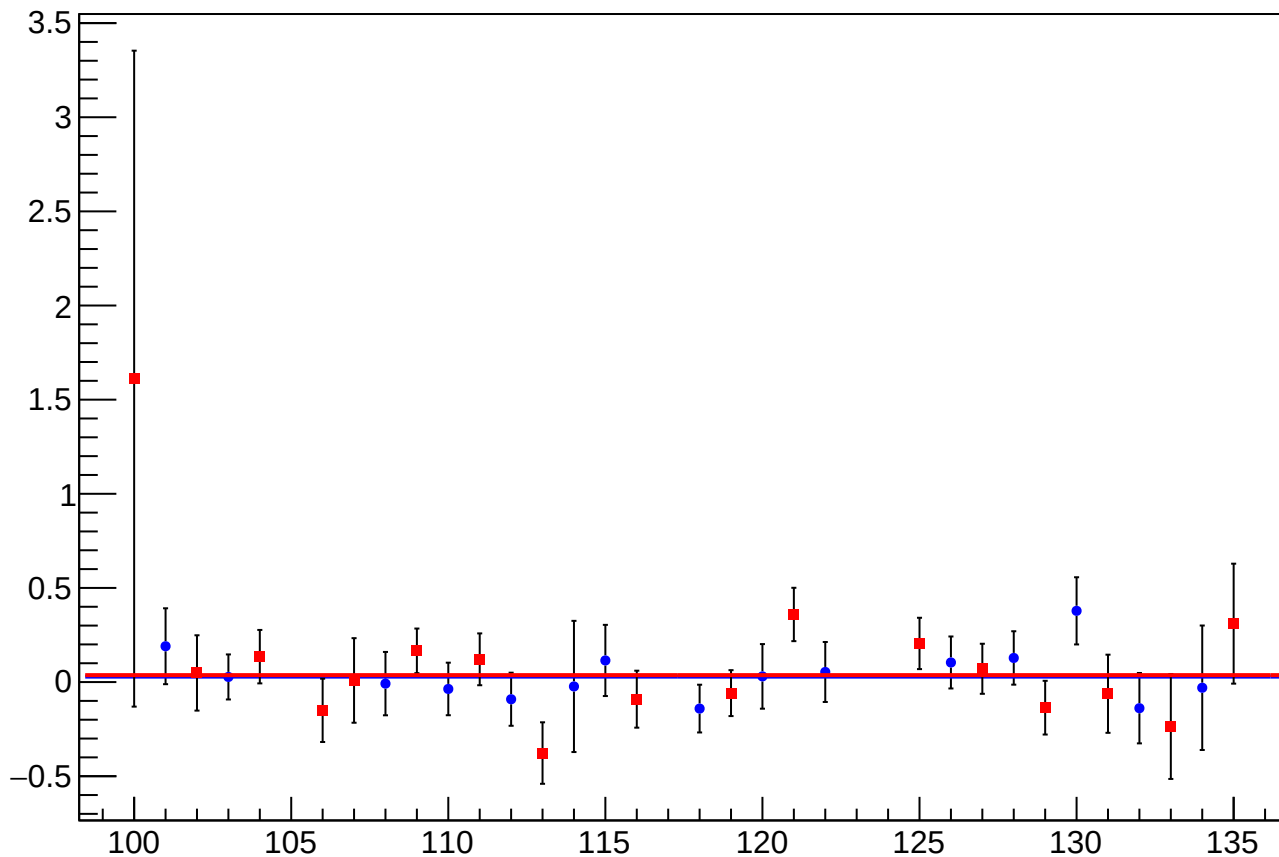
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 10143299.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.029 $\pm$ 0.042 χ^2 /NDF: 9.1/14

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

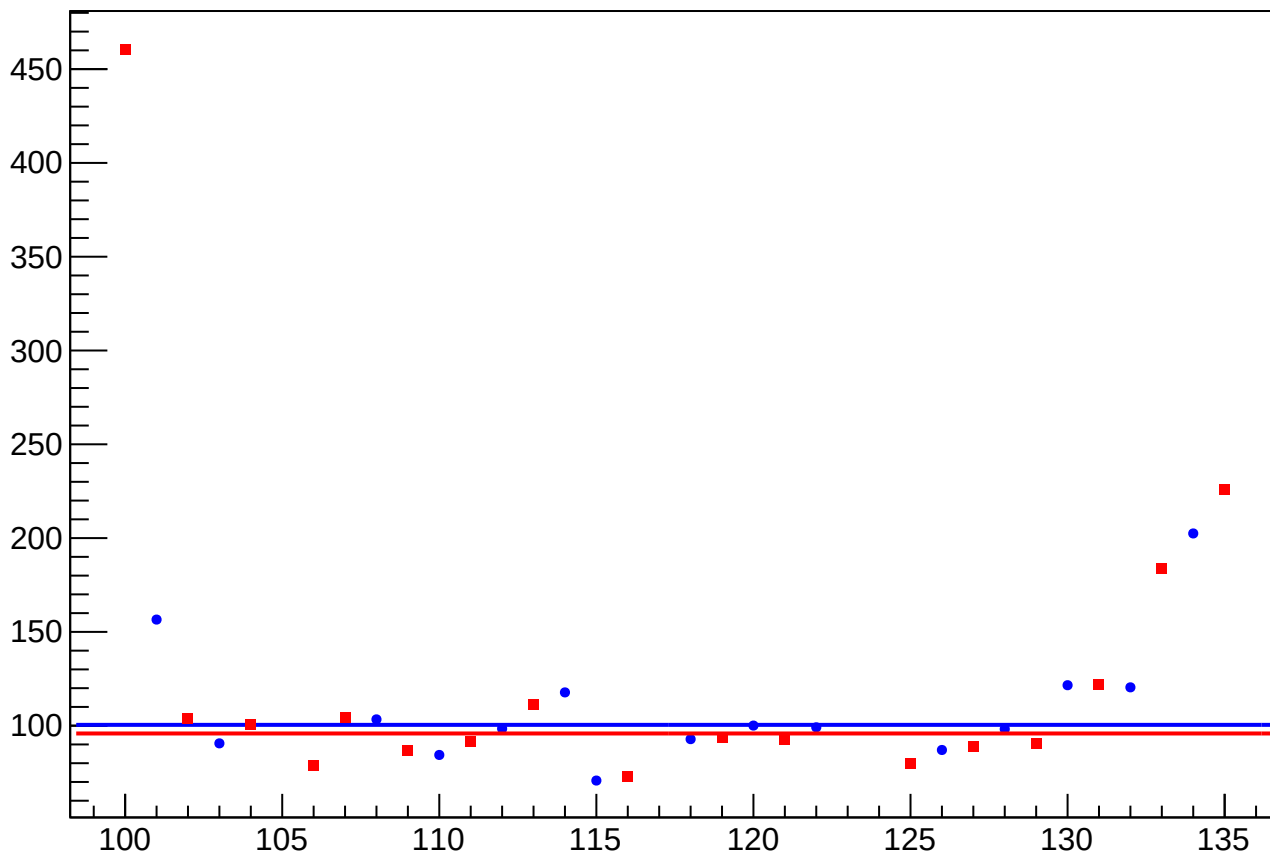
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.033 $\pm$ 0.028 χ^2 /NDF: 31.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 100.442+/-0.029 χ^2/NDF : 518580.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.848+/-0.028 χ^2/NDF : 795599.1/16

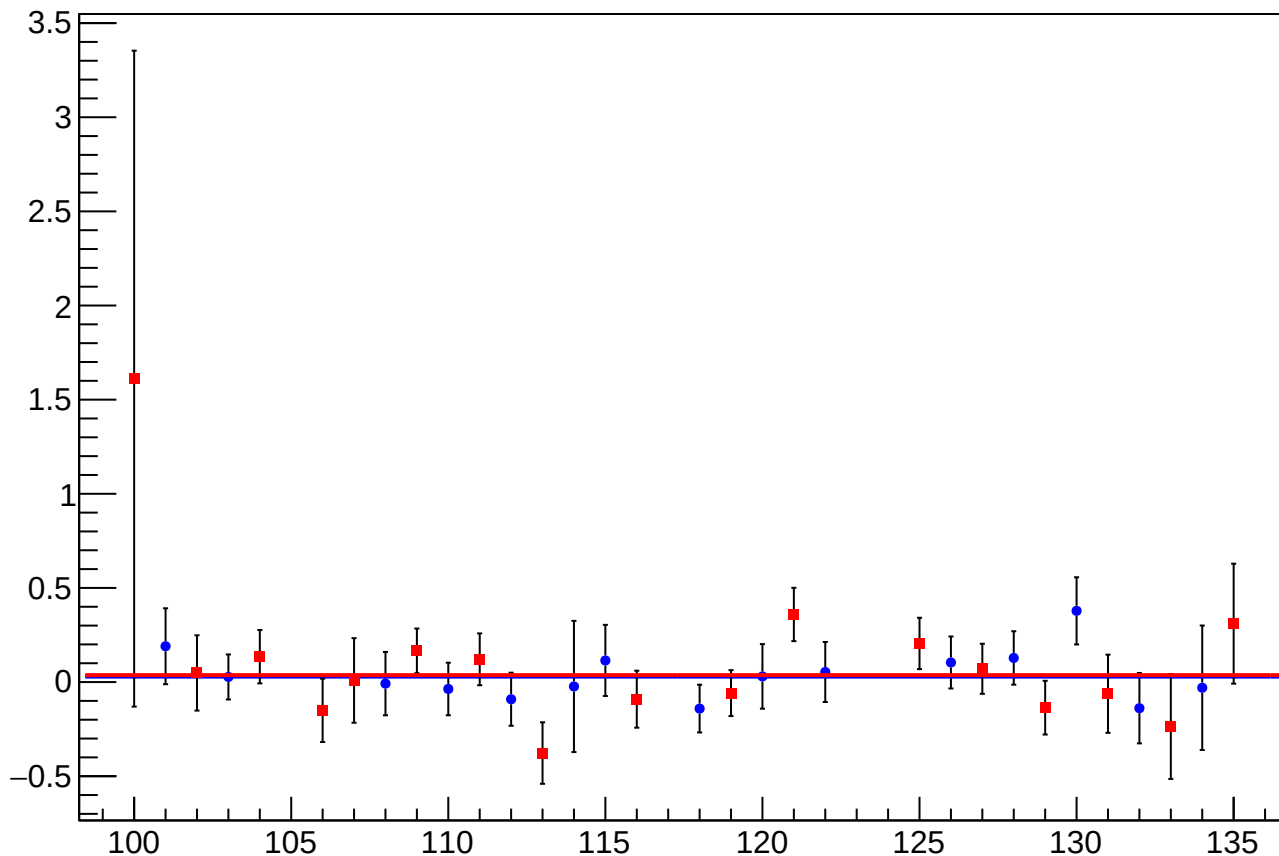
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 97.989+/-0.020 χ^2/NDF : 1327127.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.029+/-0.042 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.037+/-0.039 χ^2/NDF : 22.0/16

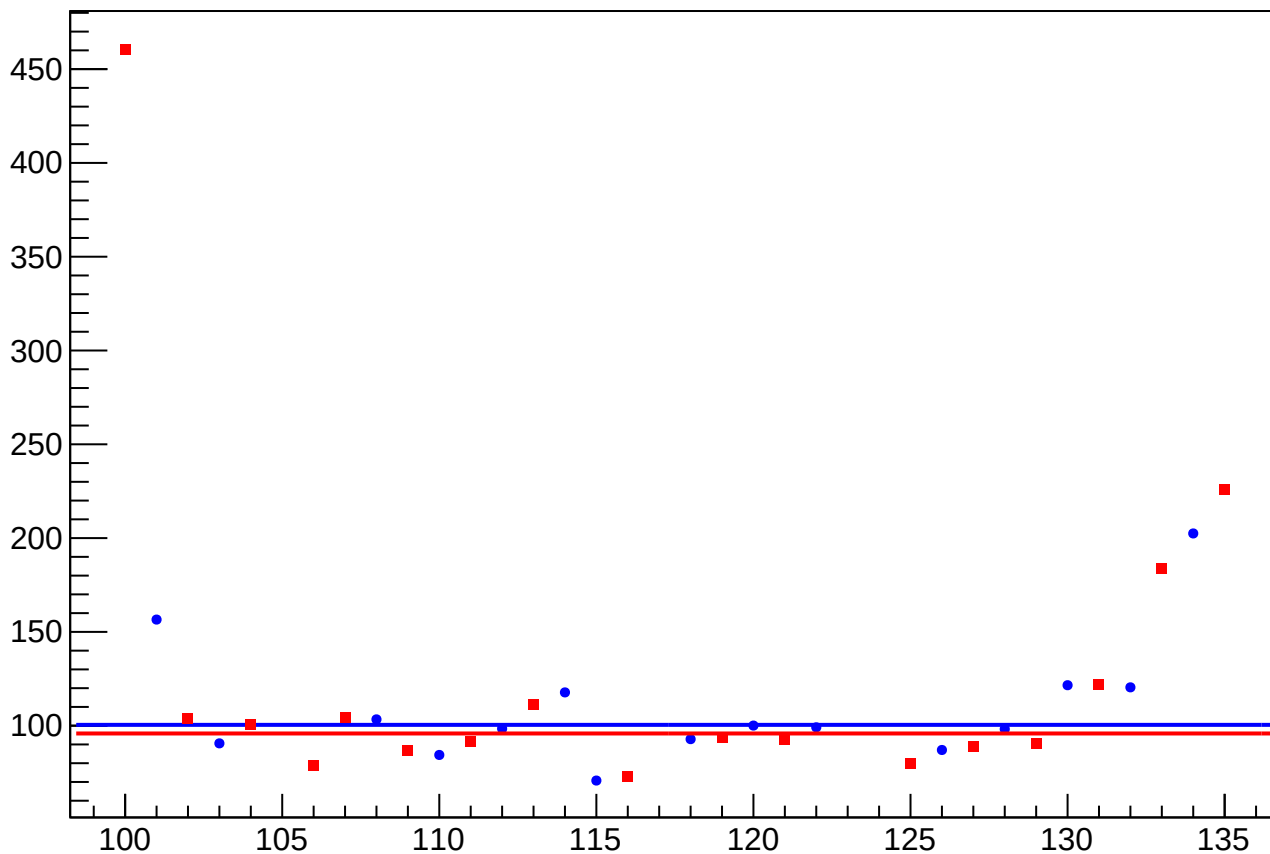
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.033+/-0.028 χ^2/NDF : 31.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 100.442 $\pm$ 0.029 χ^2 /NDF: 518580.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 95.848 $\pm$ 0.028 χ^2 /NDF: 795599.1/16

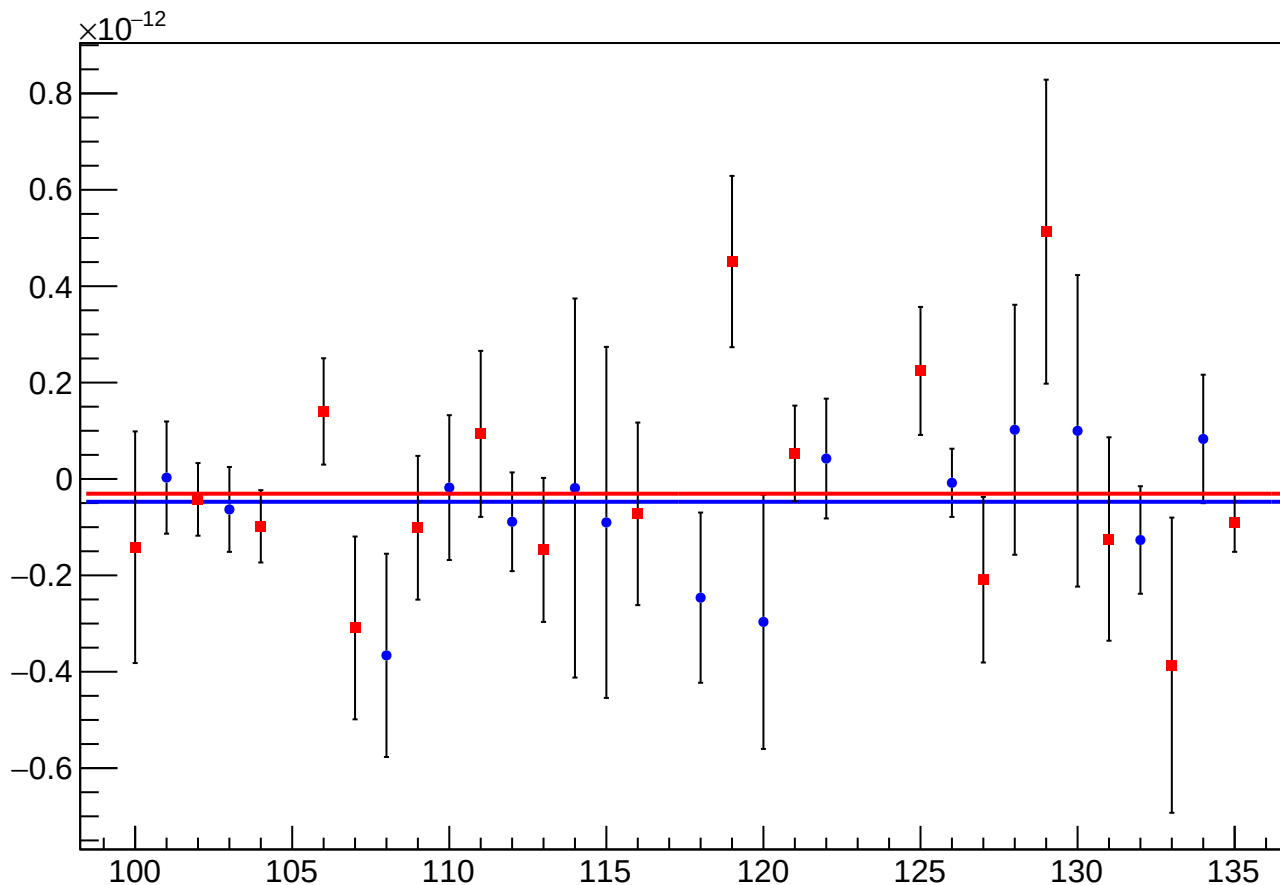
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 97.989 $\pm$ 0.020 χ^2 /NDF: 1327127.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 7.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 25.3/16

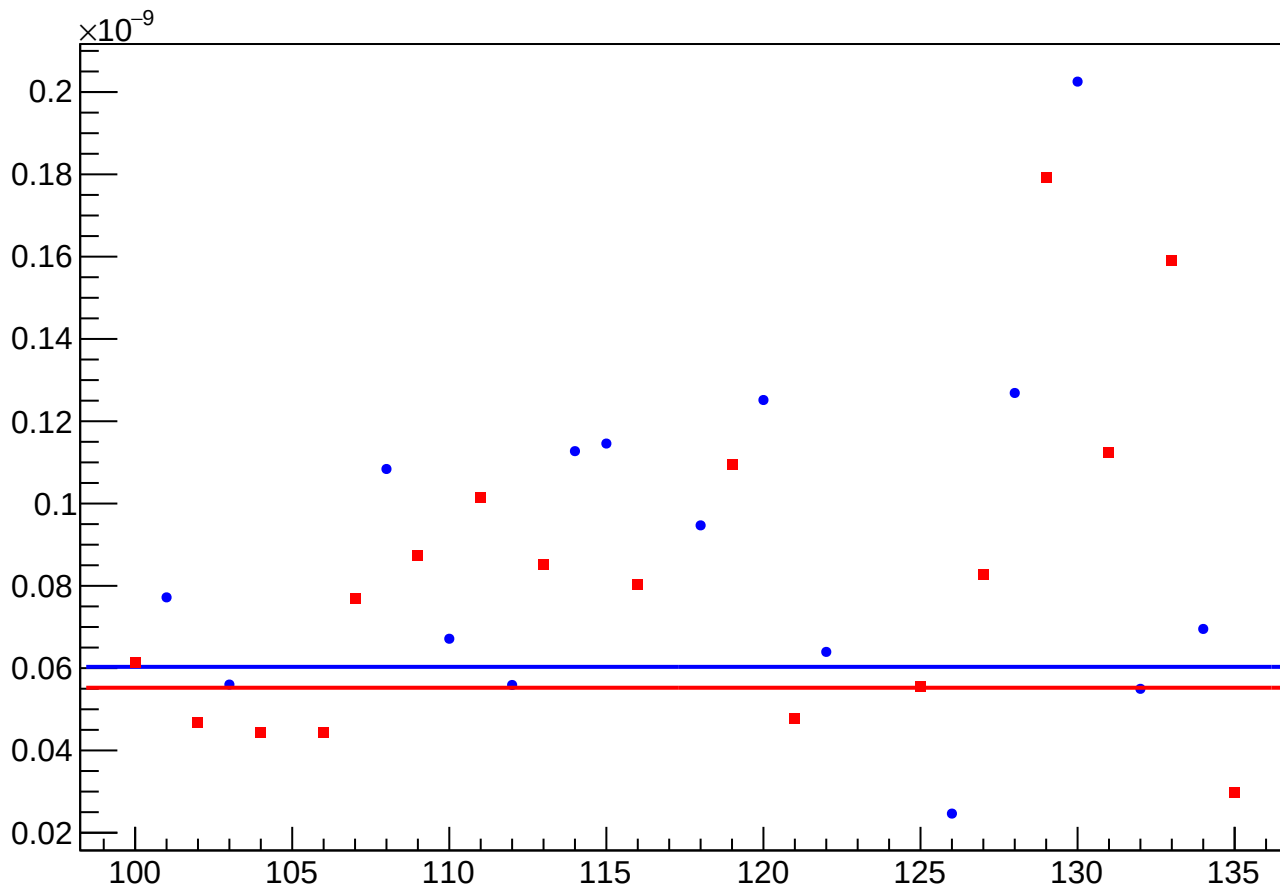
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usl_atl2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1477805.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1756251.5/16

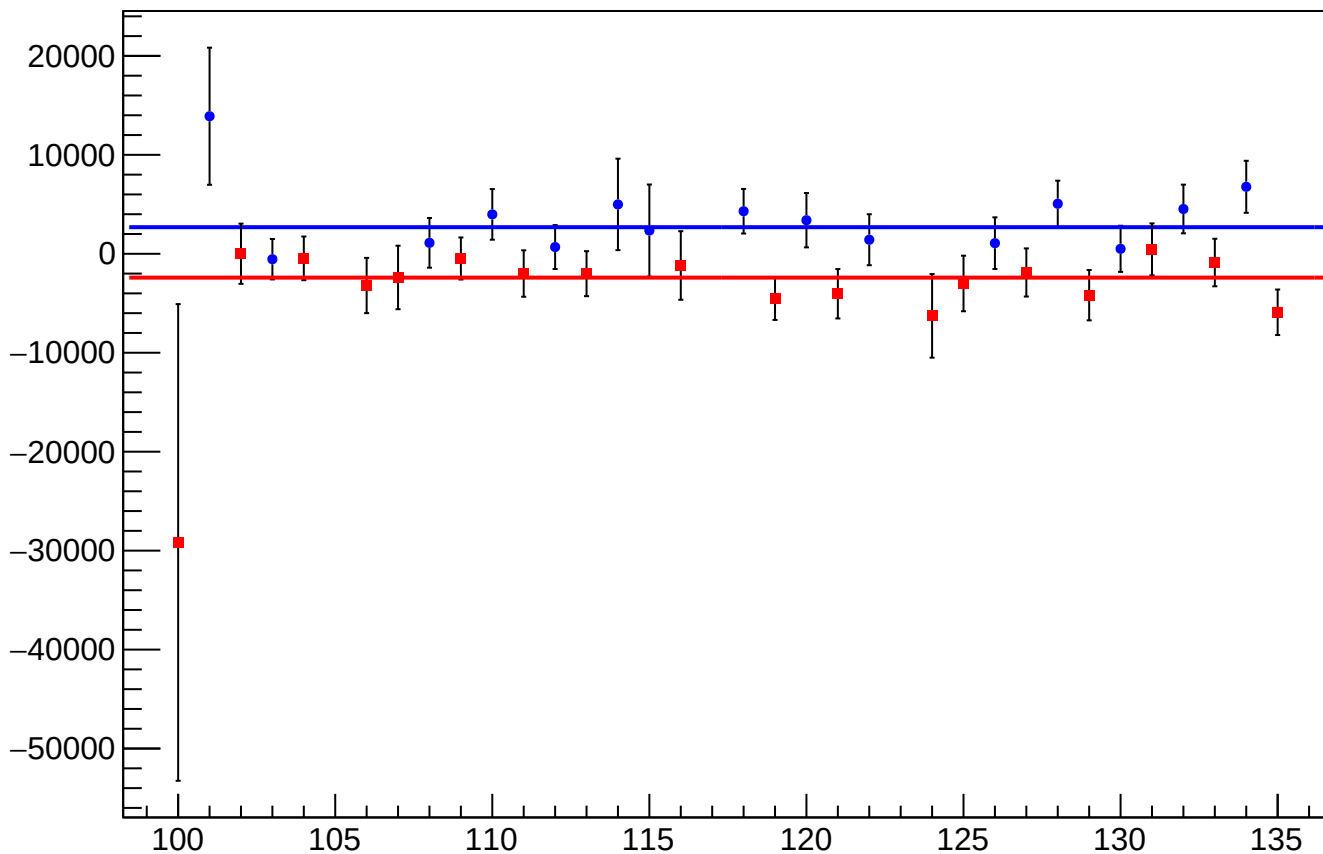
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3259455.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_mean vs Slug



Right In: 2688.325+/-678.436 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2407.353+/-618.195 χ^2/NDF : 10.5/17

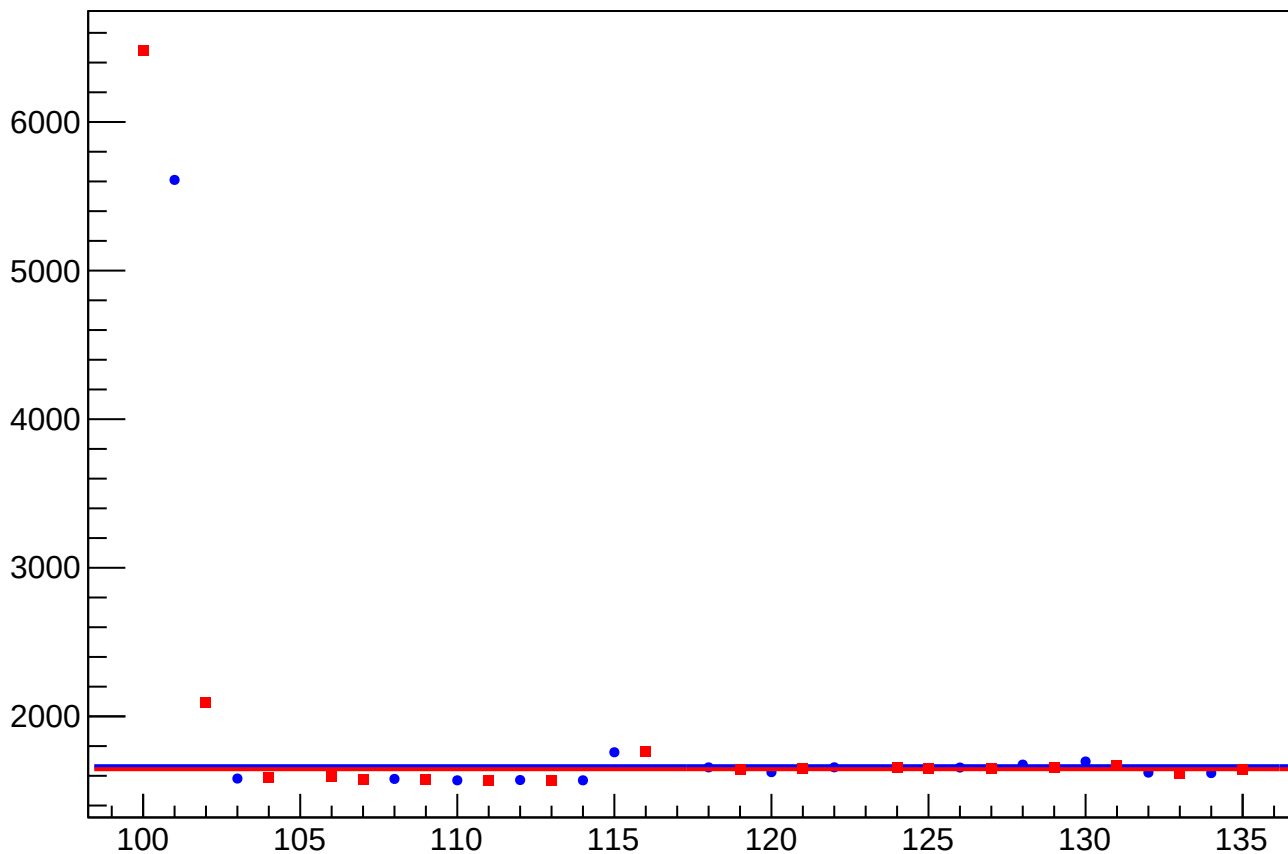
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -95.750+/-456.946 χ^2/NDF : 54.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_rms vs Slug



Right In: 1664.587 $\pm$ 0.480 χ^2 /NDF: 664245.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

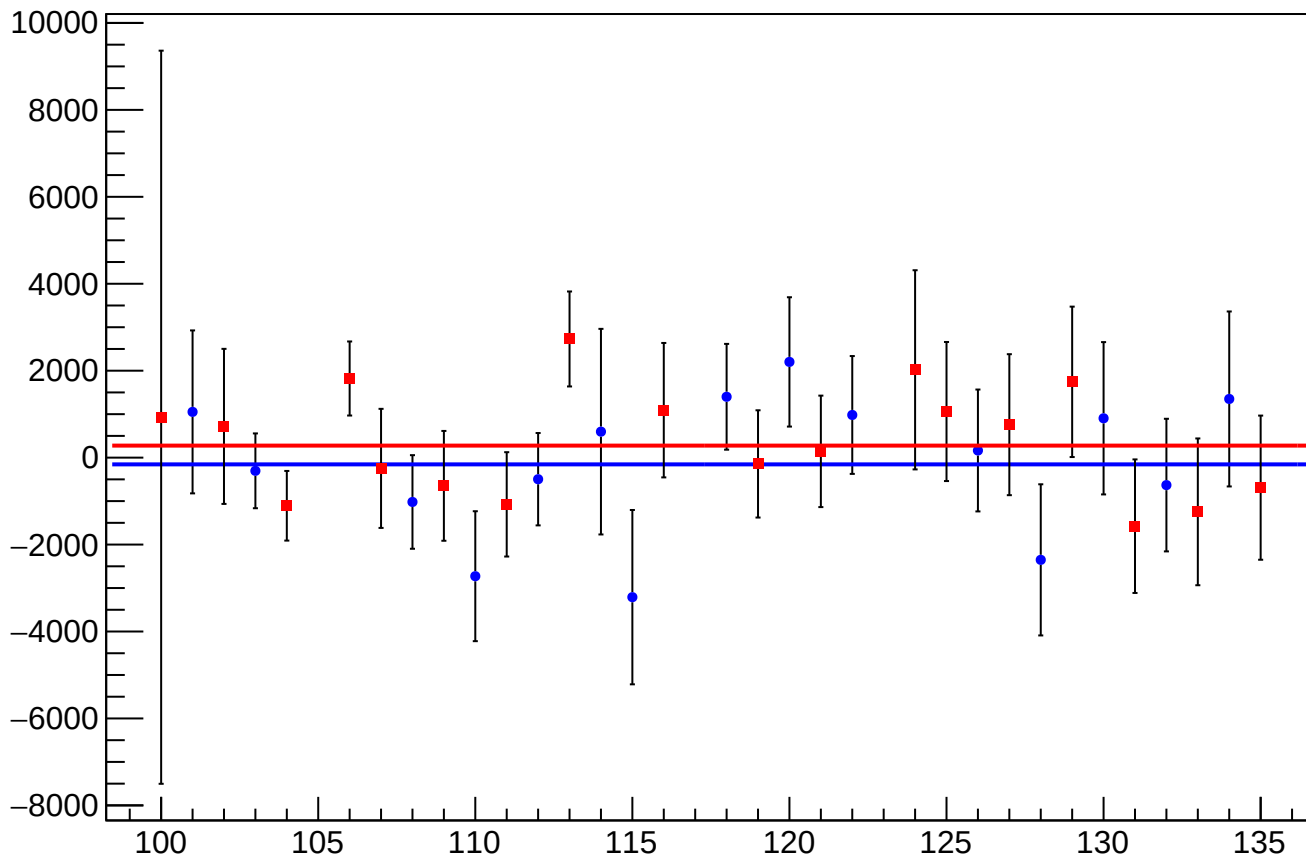
Right Out: 1644.449 $\pm$ 0.437 χ^2 /NDF: 136810.8/17

All: 1653.584 $\pm$ 0.323 χ^2 /NDF: 802019.0/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_mean vs Slug



Right In: -155.067+/-358.698 χ^2 /NDF: 14.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 276.690+/-315.064 χ^2 /NDF: 18.0/17

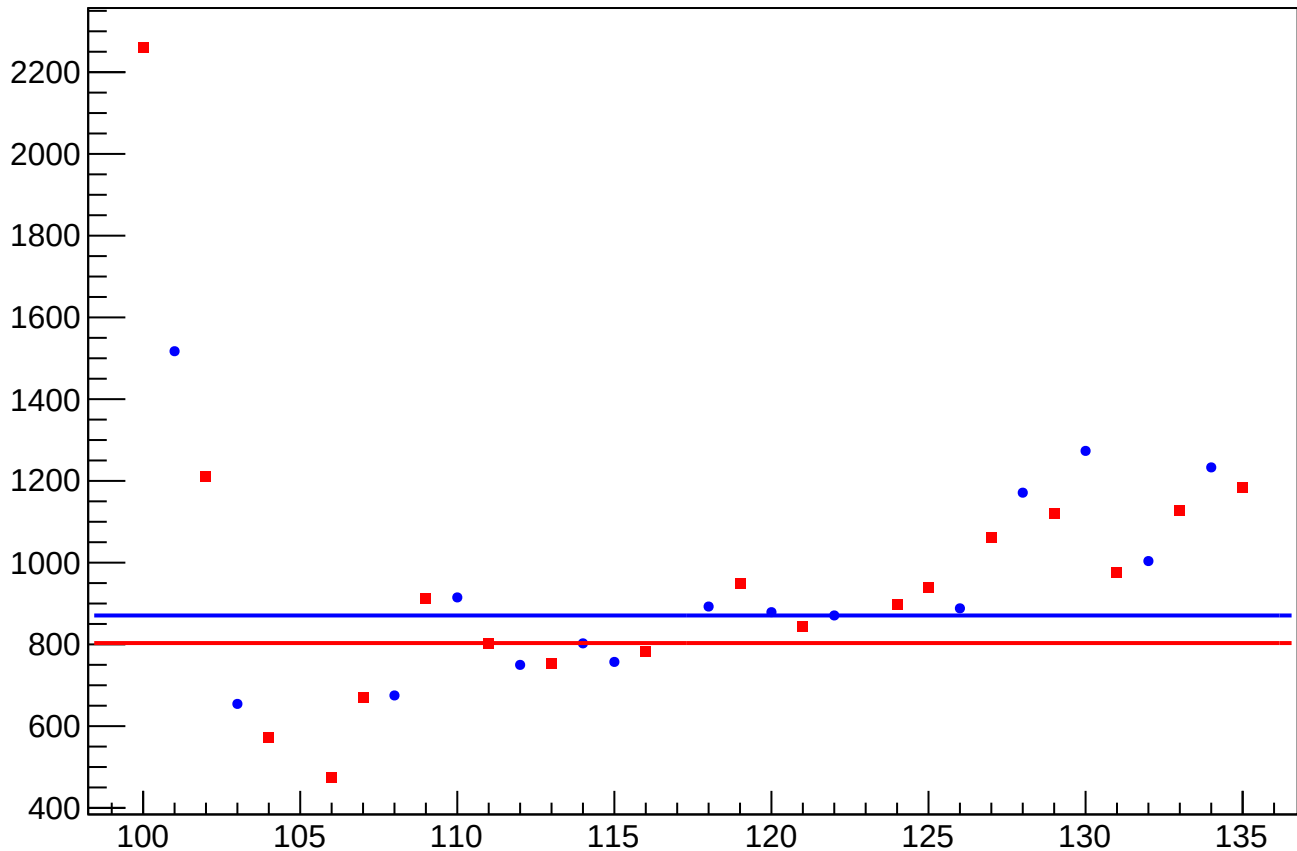
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 88.656+/-236.716 χ^2 /NDF: 32.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_correction_rms vs Slug



Right In: 870.756+/-0.254 χ^2/NDF : 712544.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

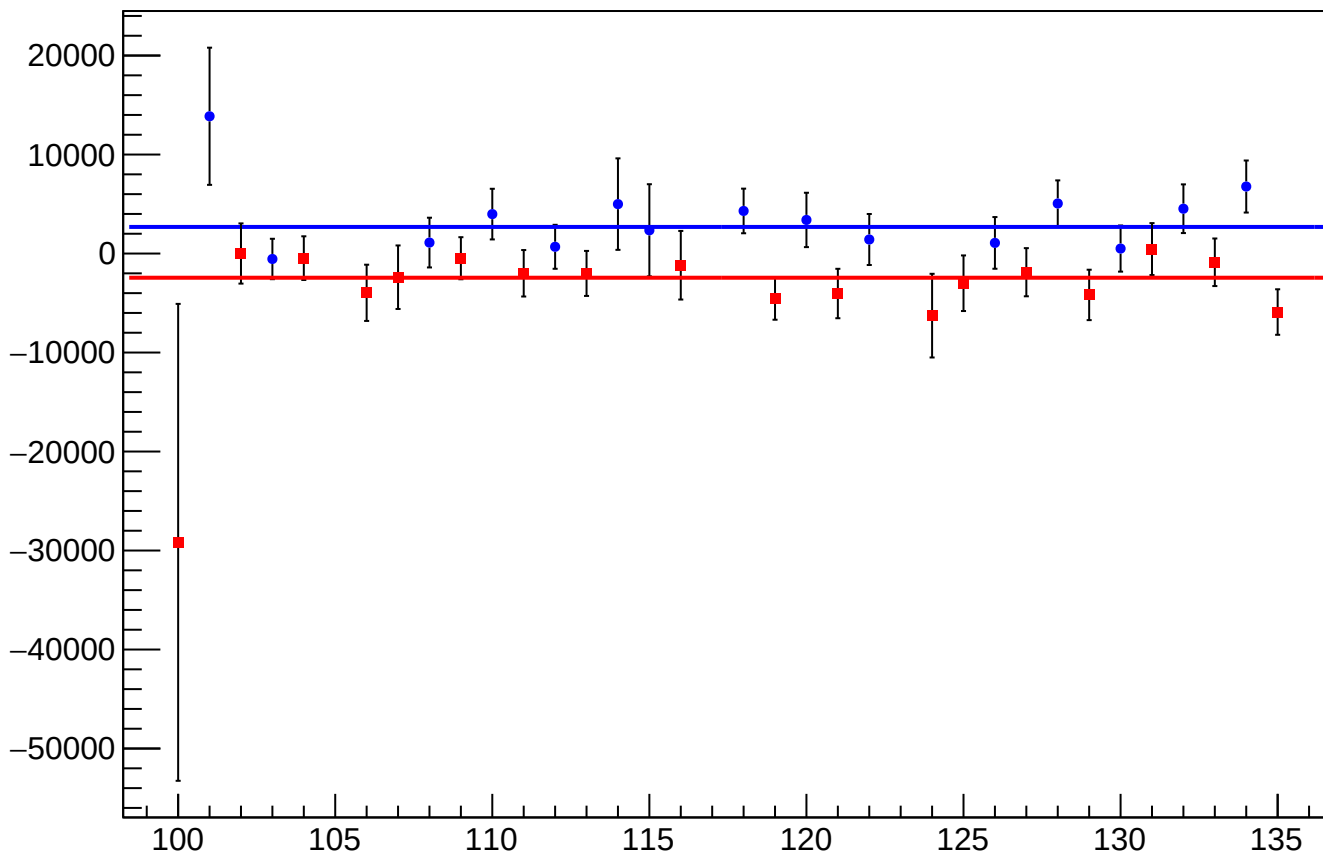
Right Out: 803.267+/-0.223 χ^2/NDF : 1036989.7/17

All: 832.659+/-0.167 χ^2/NDF : 1789499.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2687.683 $\pm$ 678.437 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2442.602 $\pm$ 618.717 χ^2 /NDF: 10.7/17

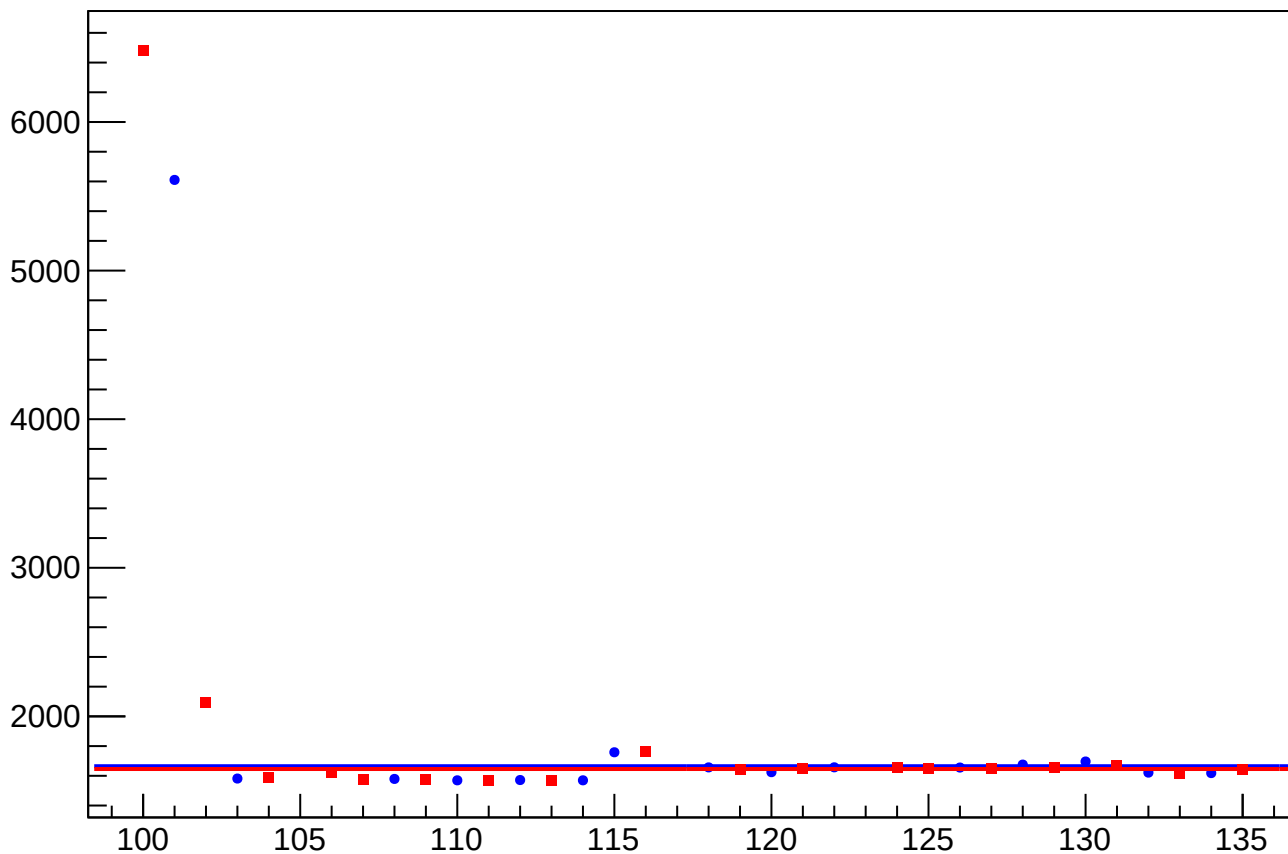
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -113.152 $\pm$ 457.157 χ^2 /NDF: 54.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1664.587 $\pm$ 0.480 χ^2 /NDF: 664244.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1645.792 $\pm$ 0.437 χ^2 /NDF: 136281.5/17

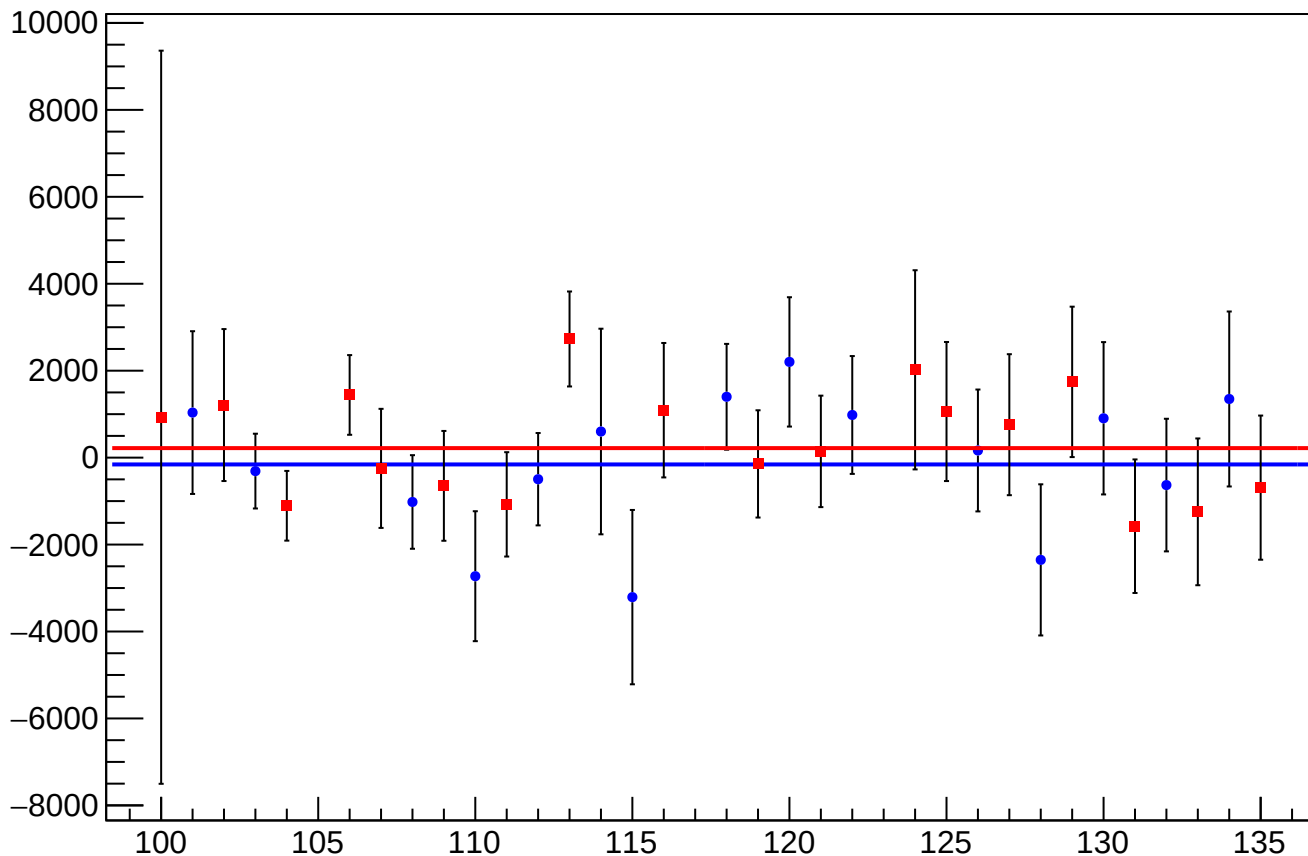
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1654.326 $\pm$ 0.323 χ^2 /NDF: 801364.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_cor_correction_mean vs Slug



Right In: -156.607+/-358.646 χ^2/NDF : 14.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 218.925+/-317.893 χ^2/NDF : 16.5/17

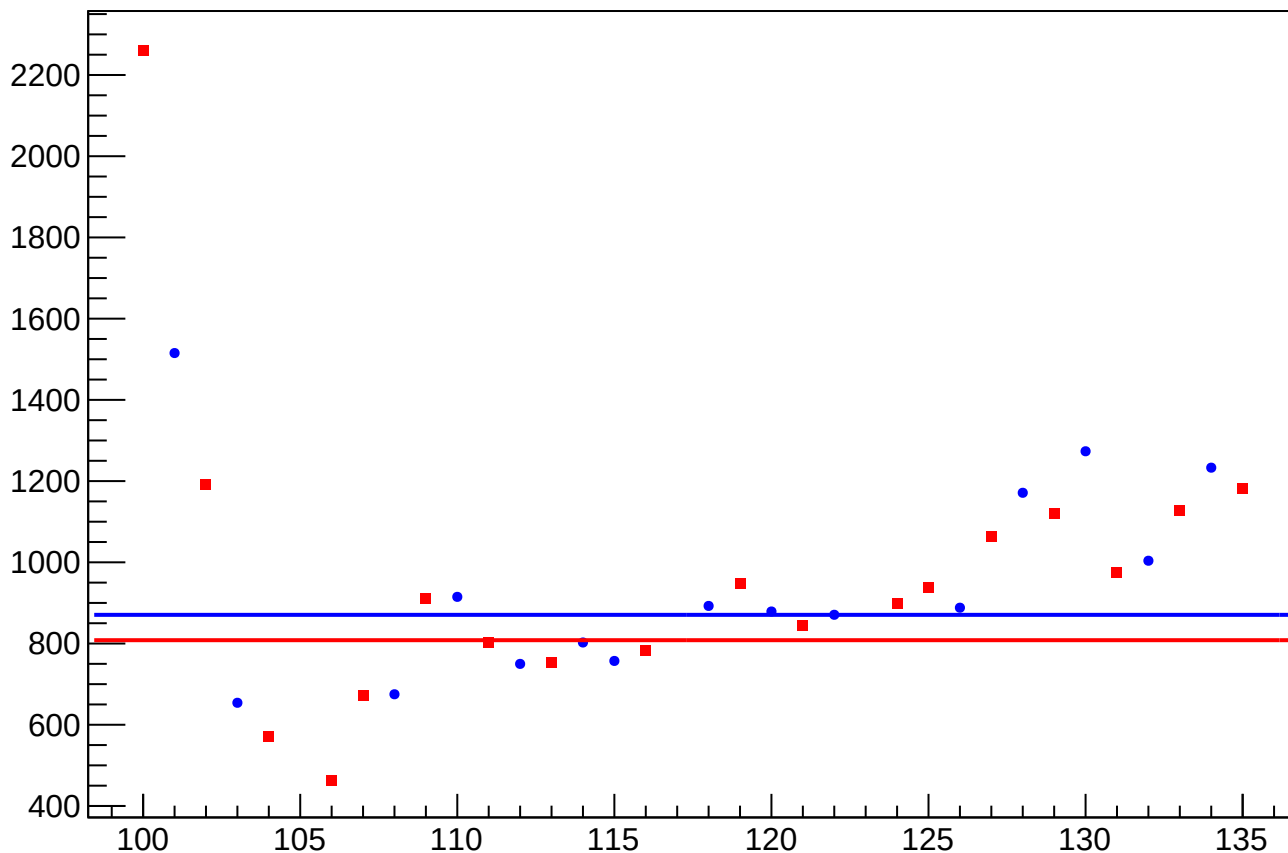
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.699+/-237.893 χ^2/NDF : 31.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_cor_correction_rms vs Slug



Right In: 870.654 $\pm$ 0.254 χ^2 /NDF: 712248.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 808.233 $\pm$ 0.225 χ^2 /NDF: 1007245.7/17

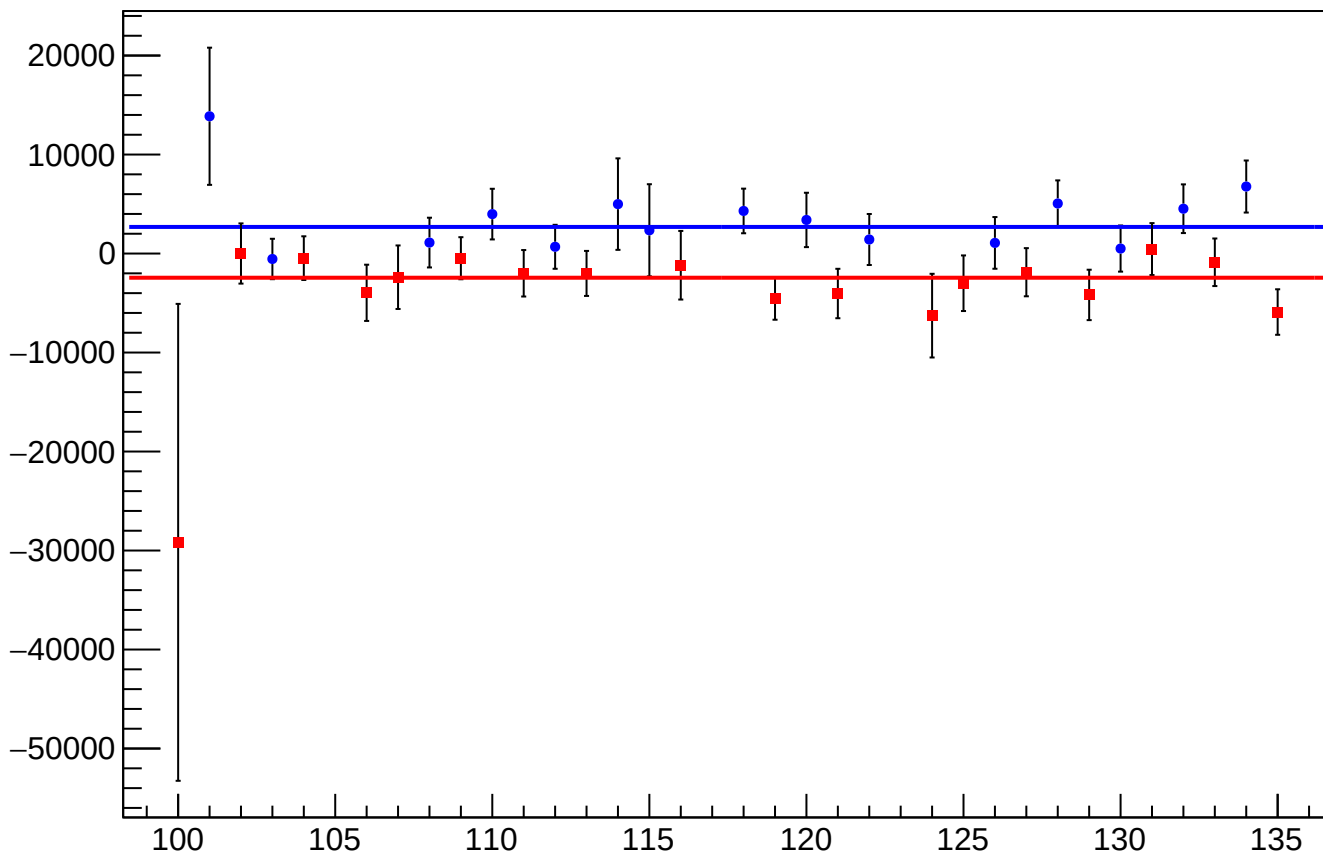
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 835.697 $\pm$ 0.168 χ^2 /NDF: 1753421.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_usr_atr1_avg_mean vs Slug



Right In: 2687.683+/-678.437 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2442.602+/-618.717 χ^2/NDF : 10.7/17

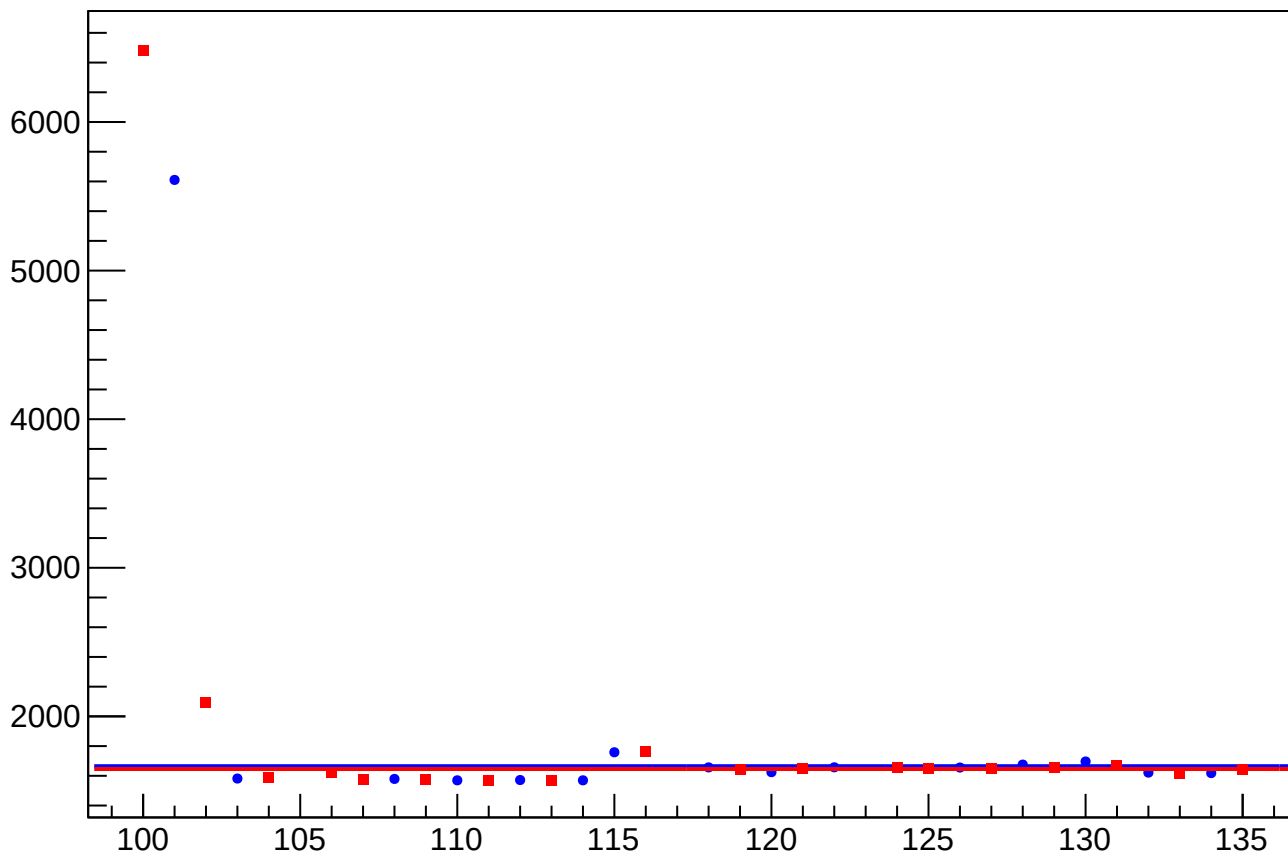
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -113.152+/-457.157 χ^2/NDF : 54.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_avg_rms vs Slug



Right In: 1664.587 $\pm$ 0.480 χ^2 /NDF: 664244.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1645.792 $\pm$ 0.437 χ^2 /NDF: 136281.5/17

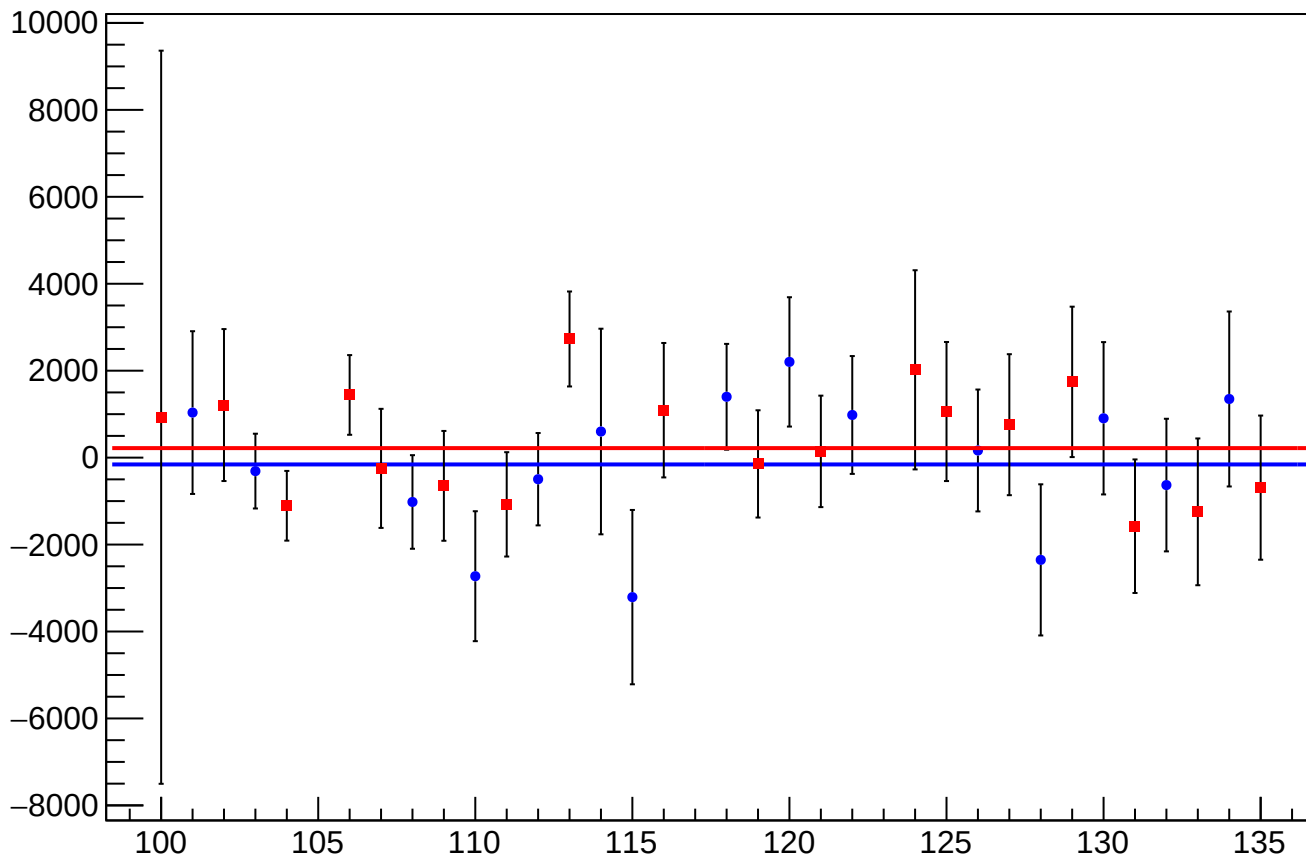
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

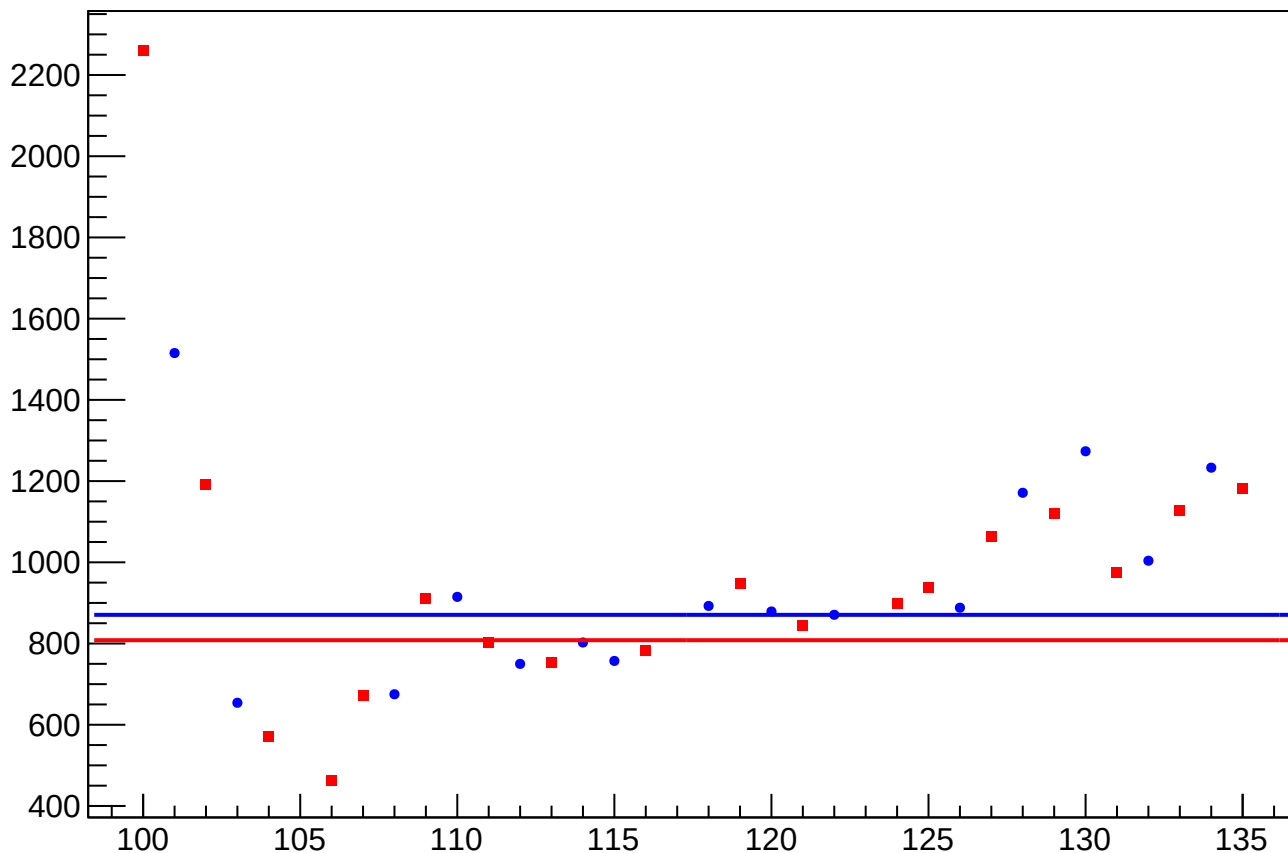
All: 1654.326 $\pm$ 0.323 χ^2 /NDF: 801364.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_correction_mean vs Slug



asym_usr_atr1_avg_eigen_cor_correction_rms vs Slug



Right In: 870.654 $\pm$ 0.254 χ^2 /NDF: 712248.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 808.233 $\pm$ 0.225 χ^2 /NDF: 1007245.7/17

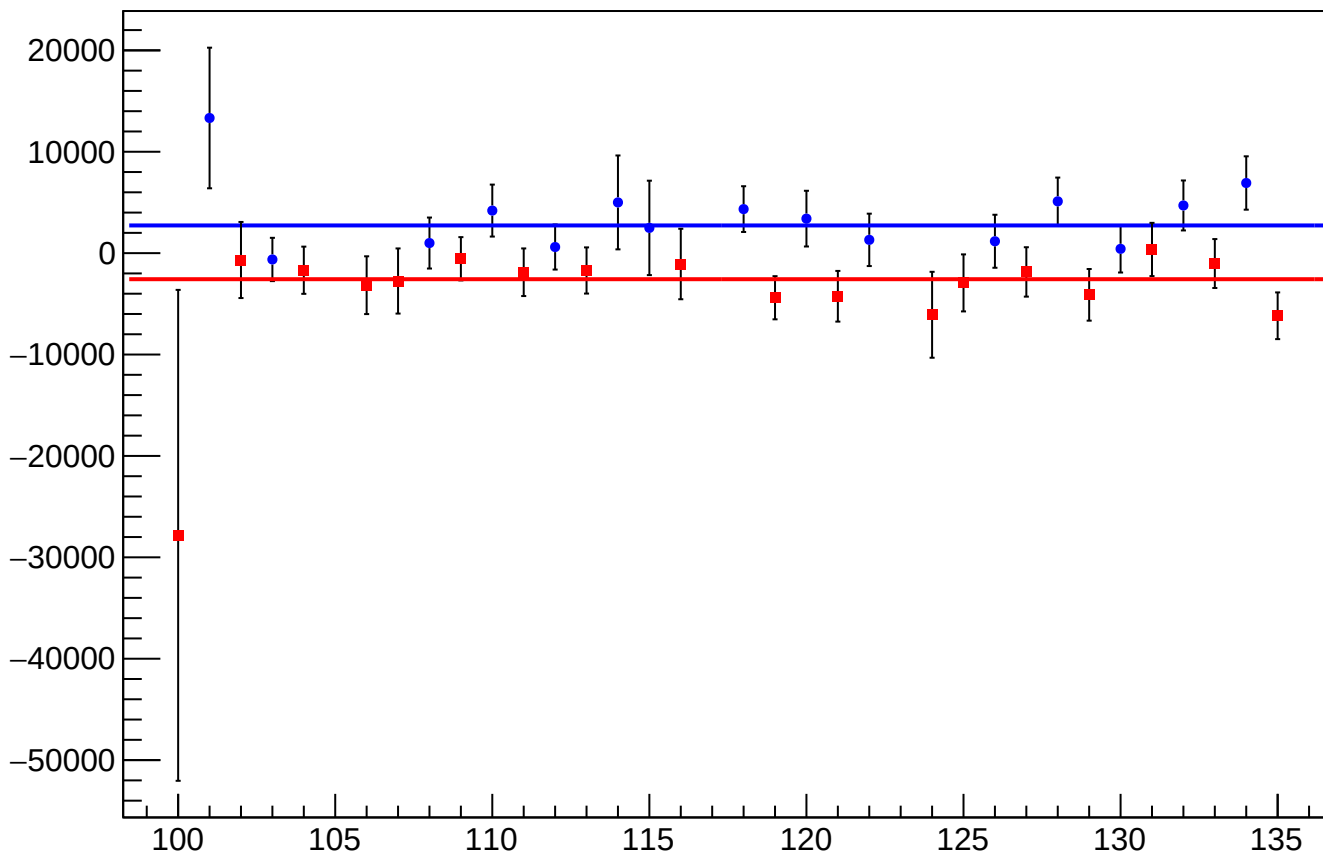
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 835.697 $\pm$ 0.168 χ^2 /NDF: 1753421.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2732.298+/-682.659 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2569.685+/-626.844 χ^2/NDF : 9.3/17

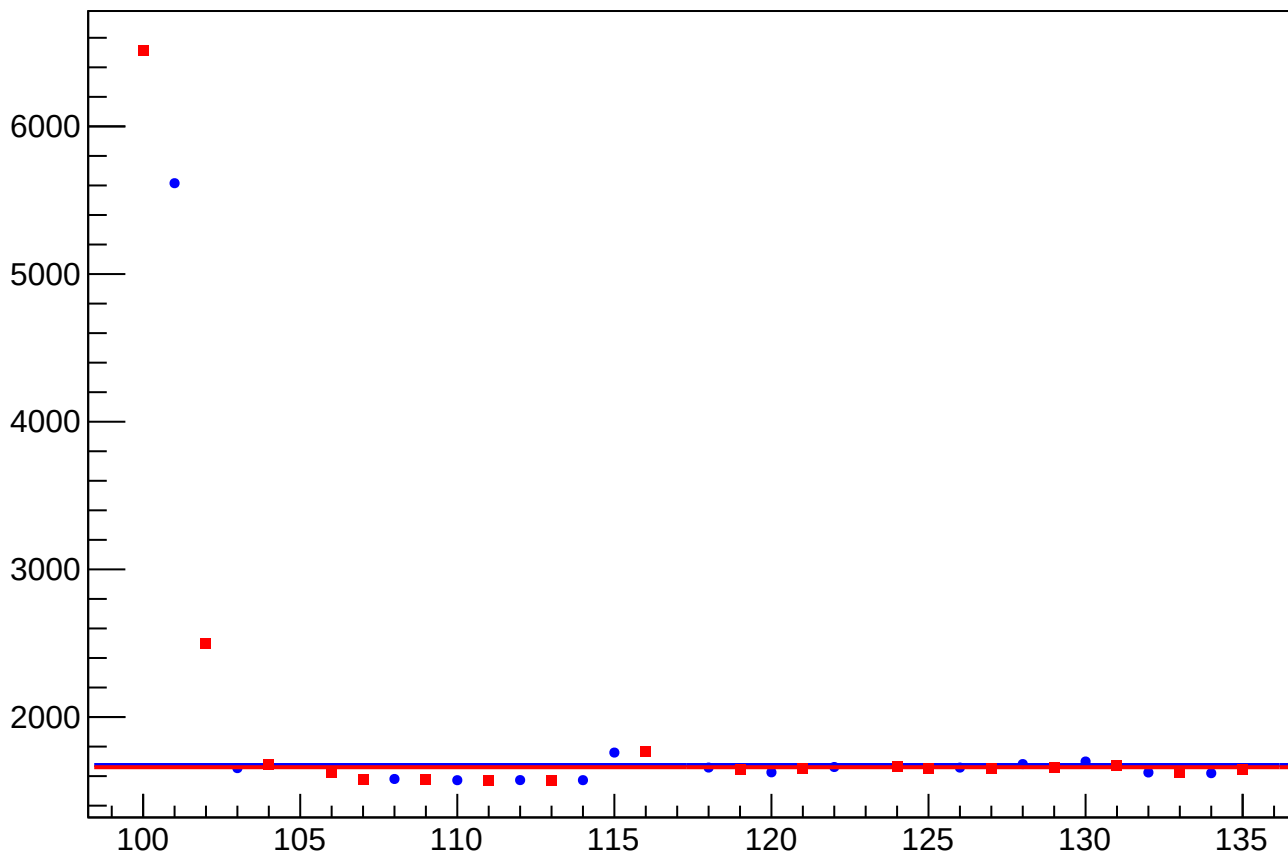
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -144.268+/-461.719 χ^2/NDF : 55.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1660.233+/-0.443 χ^2/NDF : 192963.2/17

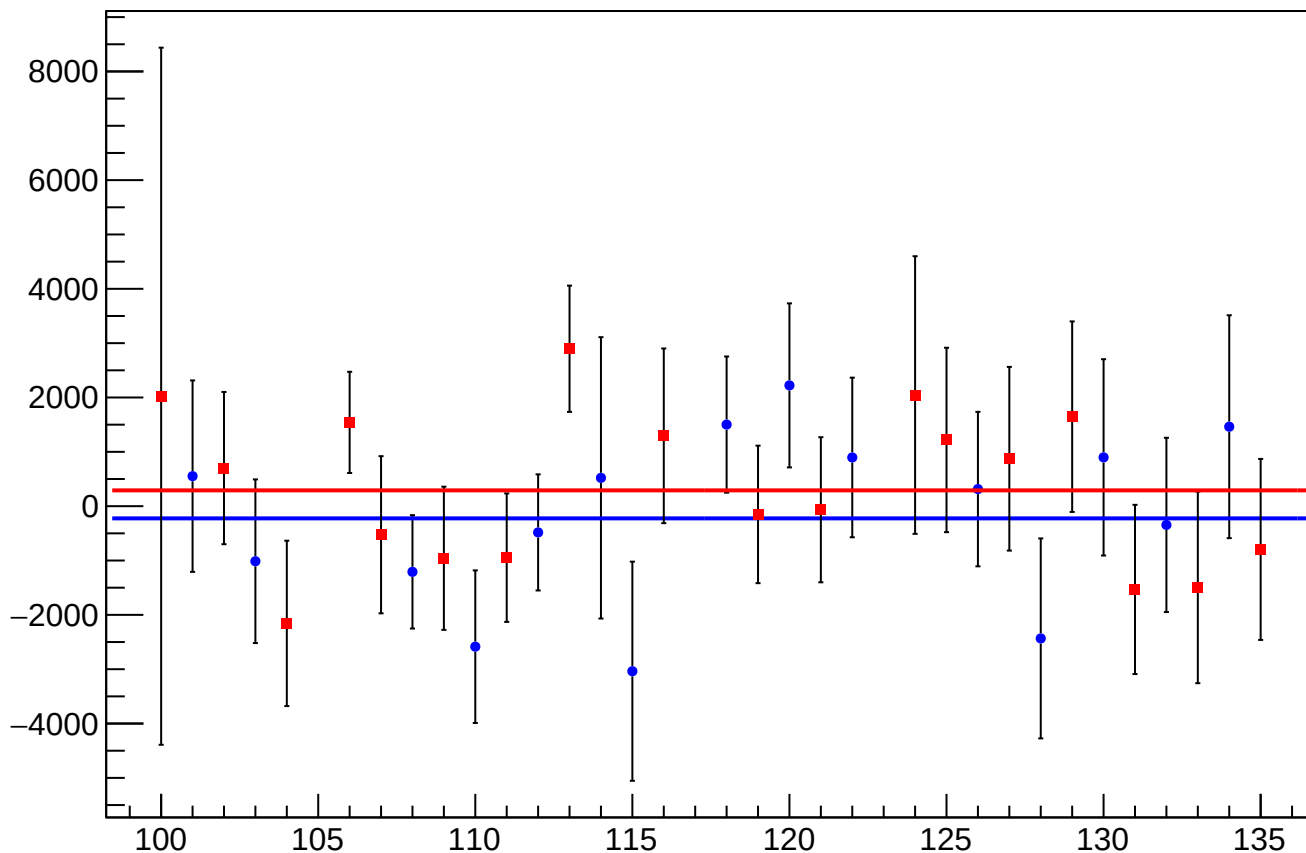
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.068+/-0.326 χ^2/NDF : 854000.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_mean vs Slug



Right In: -224.521+/-385.645 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 290.833+/-343.533 χ^2/NDF : 16.8/17

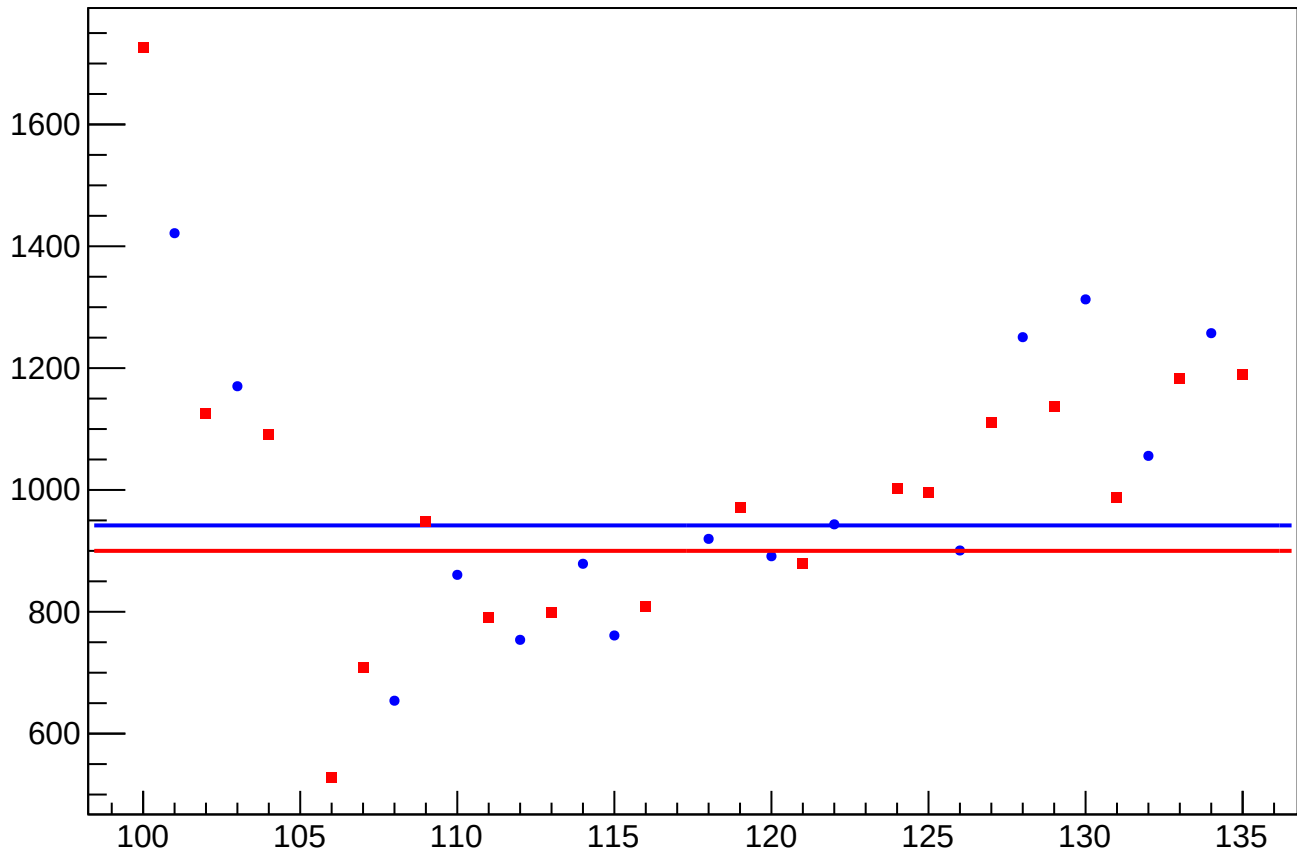
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.820+/-256.516 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_correction_rms vs Slug



Right In: 941.781+/-0.273 χ^2/NDF : 635088.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 900.020+/-0.243 χ^2/NDF : 714165.2/17

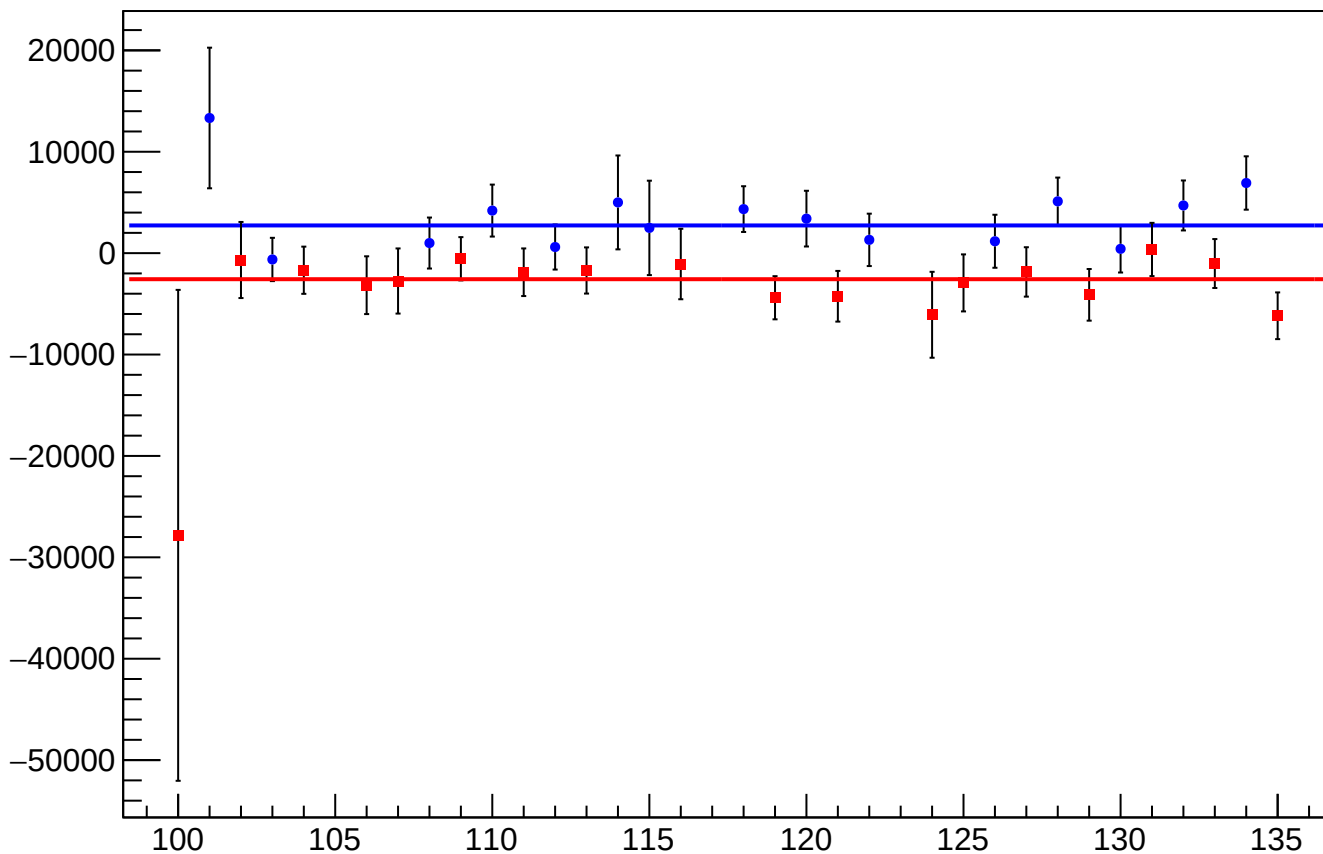
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 918.497+/-0.181 χ^2/NDF : 1362330.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_avg_mean vs Slug



Right In: 2732.299+/-682.659 χ^2 /NDF: 13.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2569.685+/-626.844 χ^2 /NDF: 9.3/17

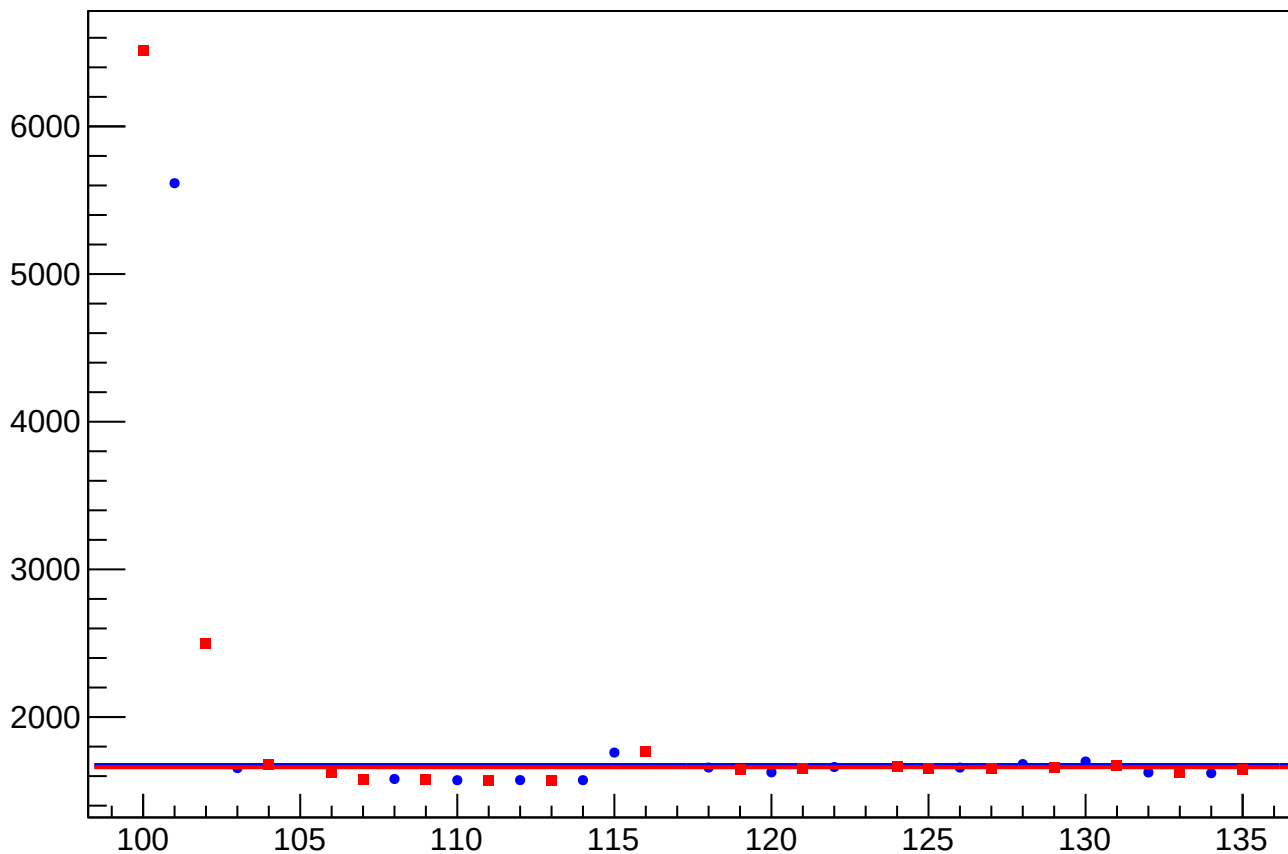
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -144.268+/-461.719 χ^2 /NDF: 55.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr1_avg_rms vs Slug



Right In: 1675.174+/-0.483 χ^2/NDF : 660517.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1660.233+/-0.443 χ^2/NDF : 192963.0/17

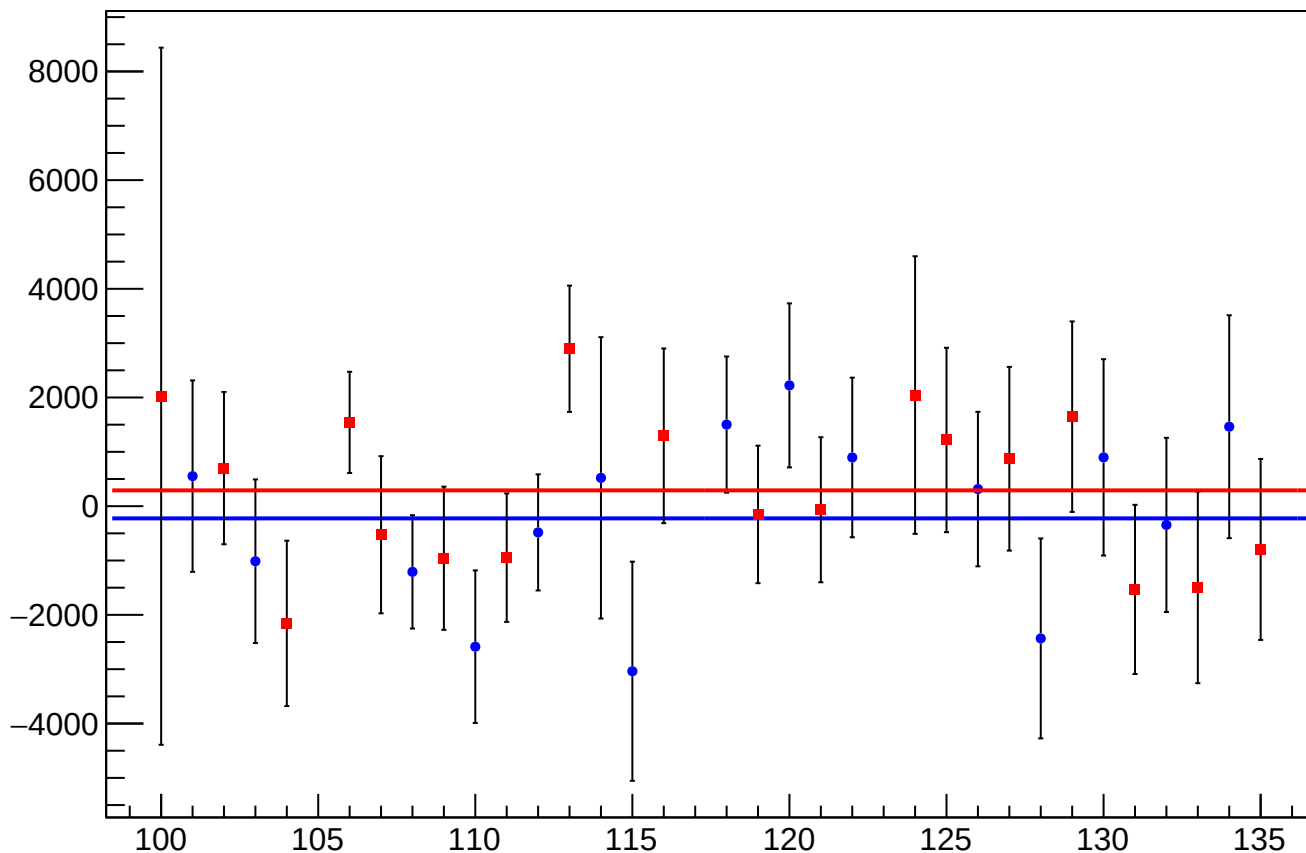
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1667.068+/-0.326 χ^2/NDF : 854000.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_mean vs Slug



Right In: -224.520 $\pm$ 385.643 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 290.833 $\pm$ 343.532 χ^2 /NDF: 16.8/17

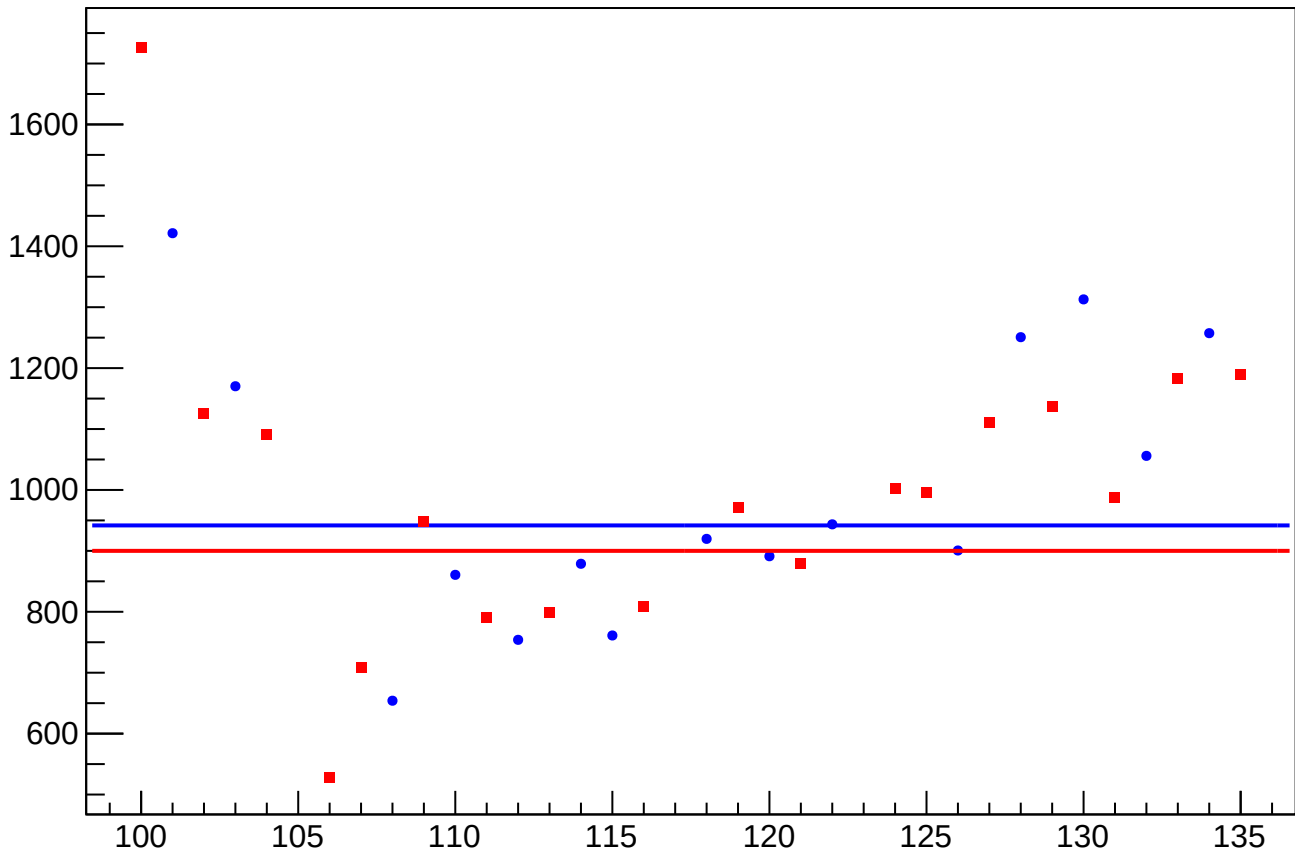
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.820 $\pm$ 256.515 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_correction_rms vs Slug



Right In: 941.777 $\pm$ 0.273 χ^2 /NDF: 635092.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 900.018 $\pm$ 0.243 χ^2 /NDF: 714161.8/17

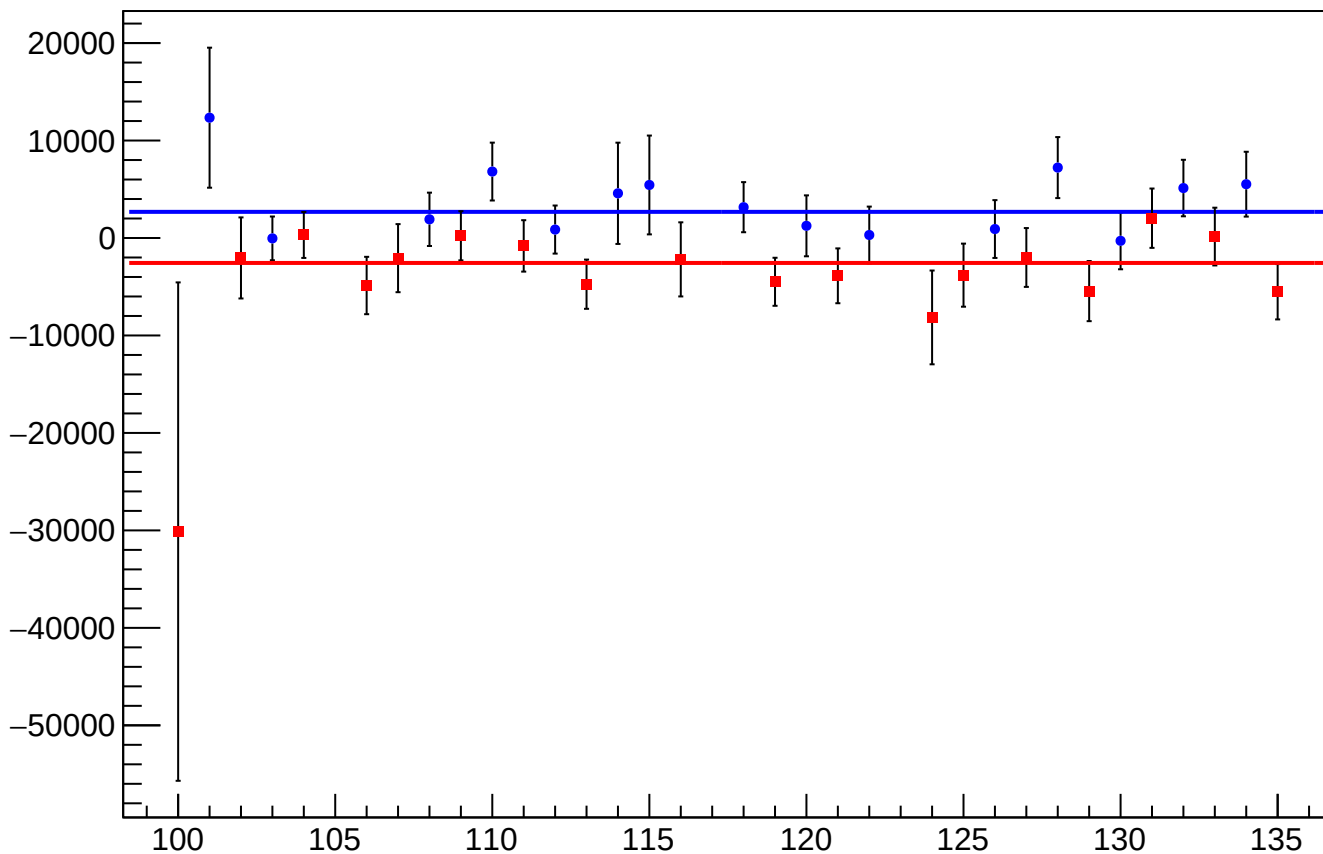
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 918.494 $\pm$ 0.181 χ^2 /NDF: 1362330.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_mean vs Slug



Right In: 2682.539+/-785.781 χ^2 /NDF: 12.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -2559.350+/-715.302 χ^2 /NDF: 13.2/17

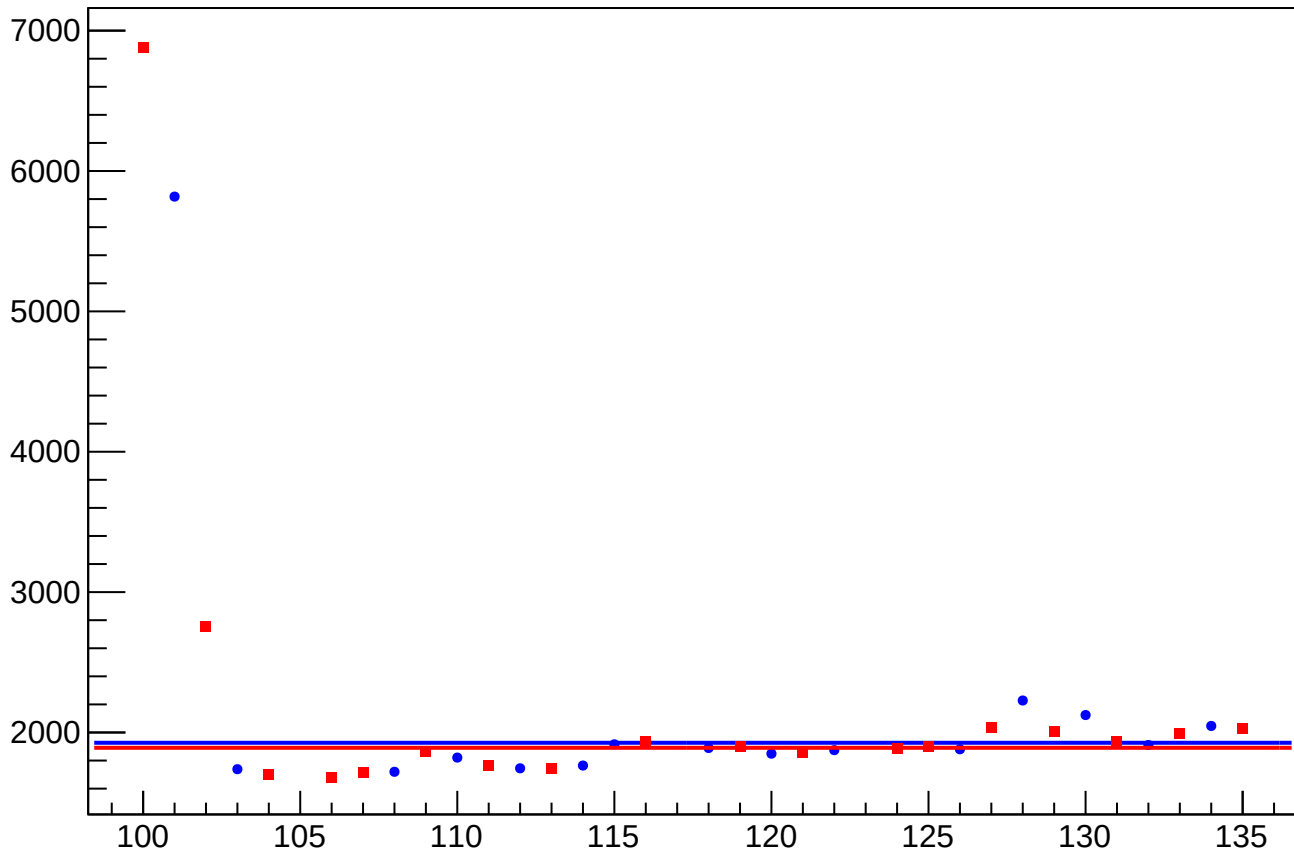
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -183.979+/-528.960 χ^2 /NDF: 49.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_rms vs Slug



Right In: 1926.686+/-0.556 χ^2/NDF : 660686.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

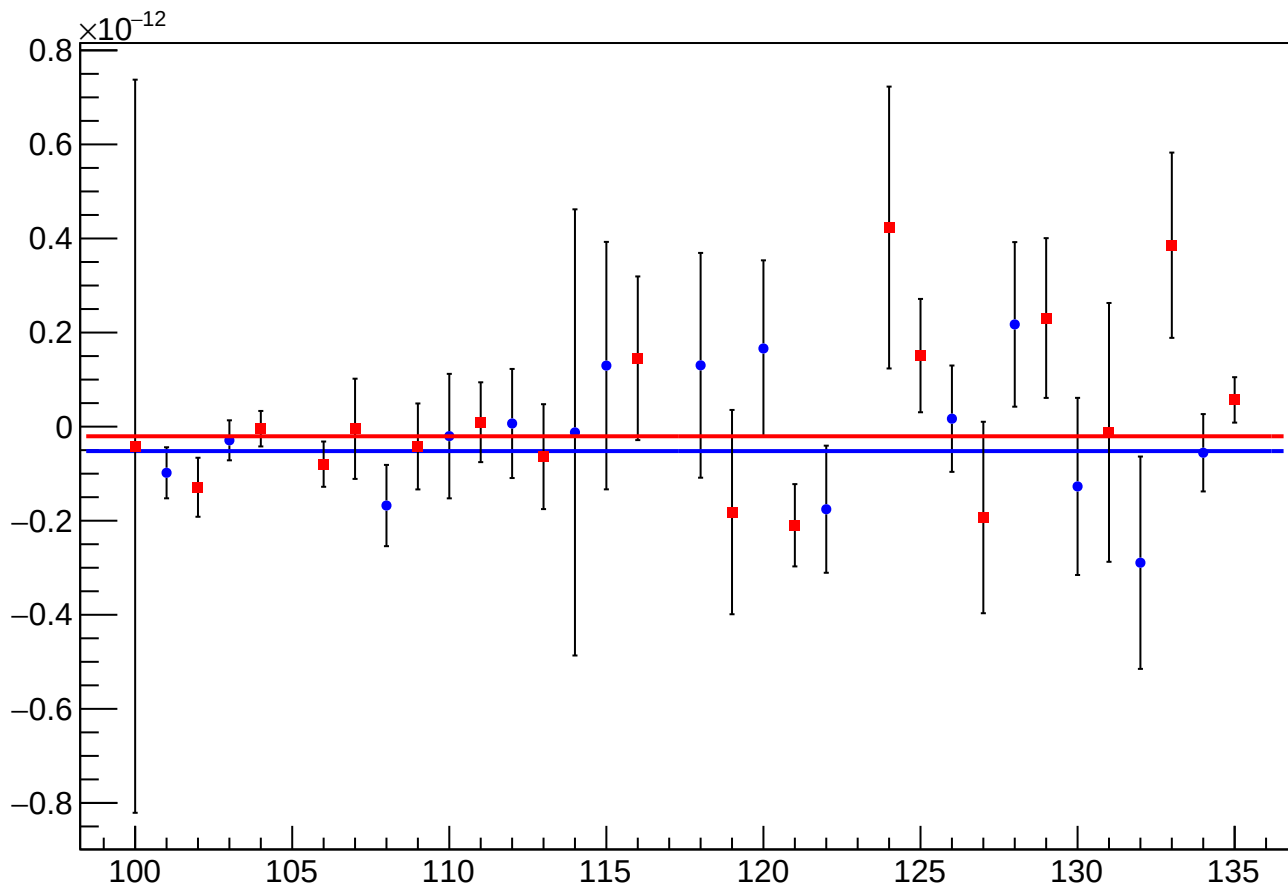
Right Out: 1891.013+/-0.506 χ^2/NDF : 218772.8/17

All: 1907.178+/-0.374 χ^2/NDF : 881713.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 25.1/17

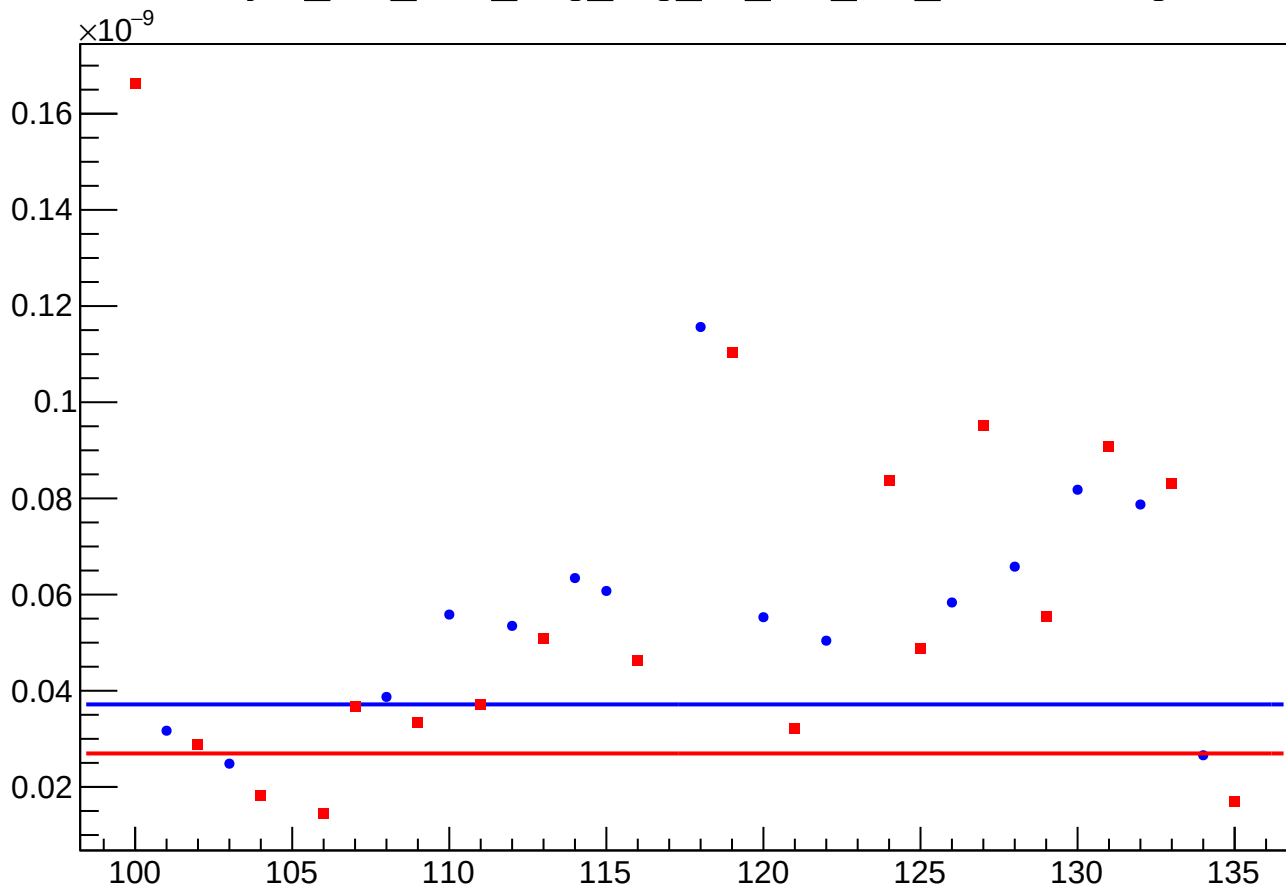
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 36.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 881776.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1555626.6/17

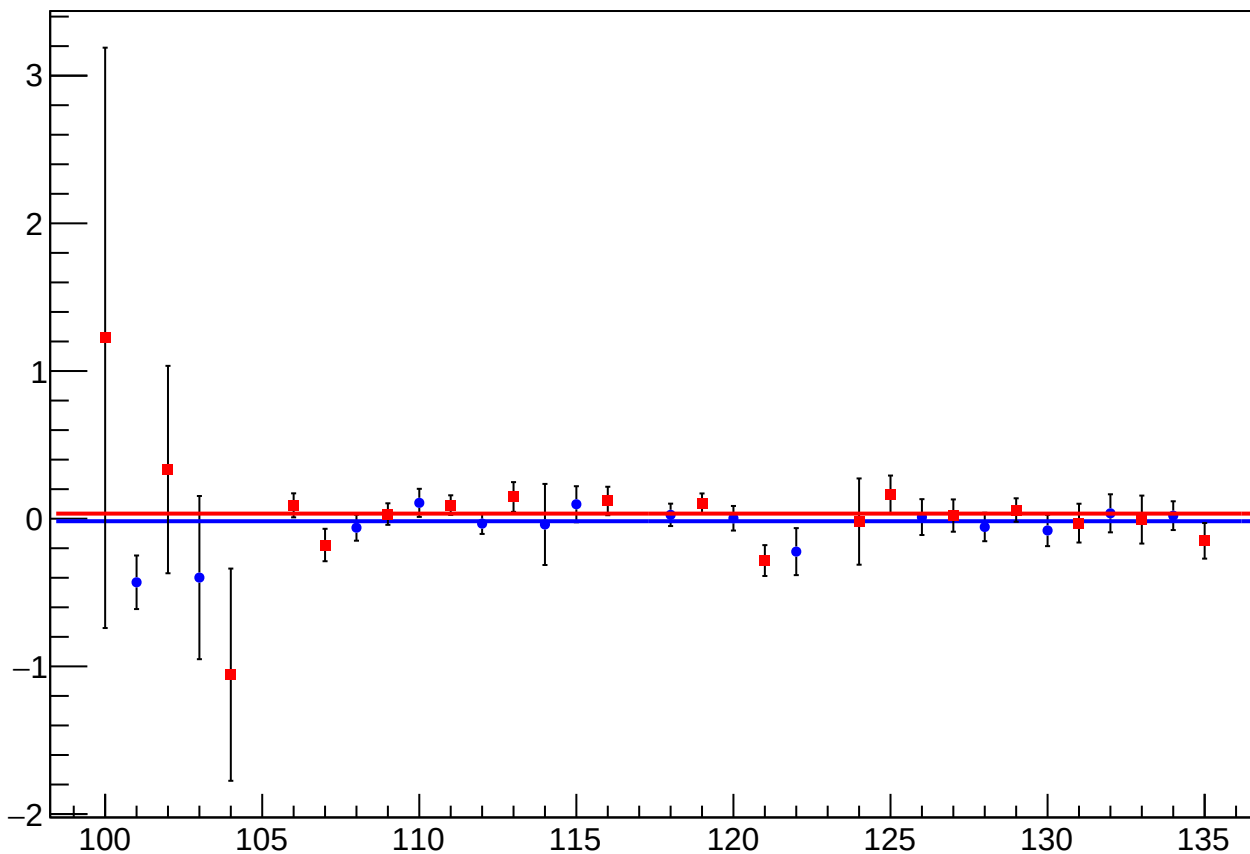
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2642465.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.017 $\pm$ 0.027 χ^2 /NDF: 11.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.034 $\pm$ 0.025 χ^2 /NDF: 23.9/17

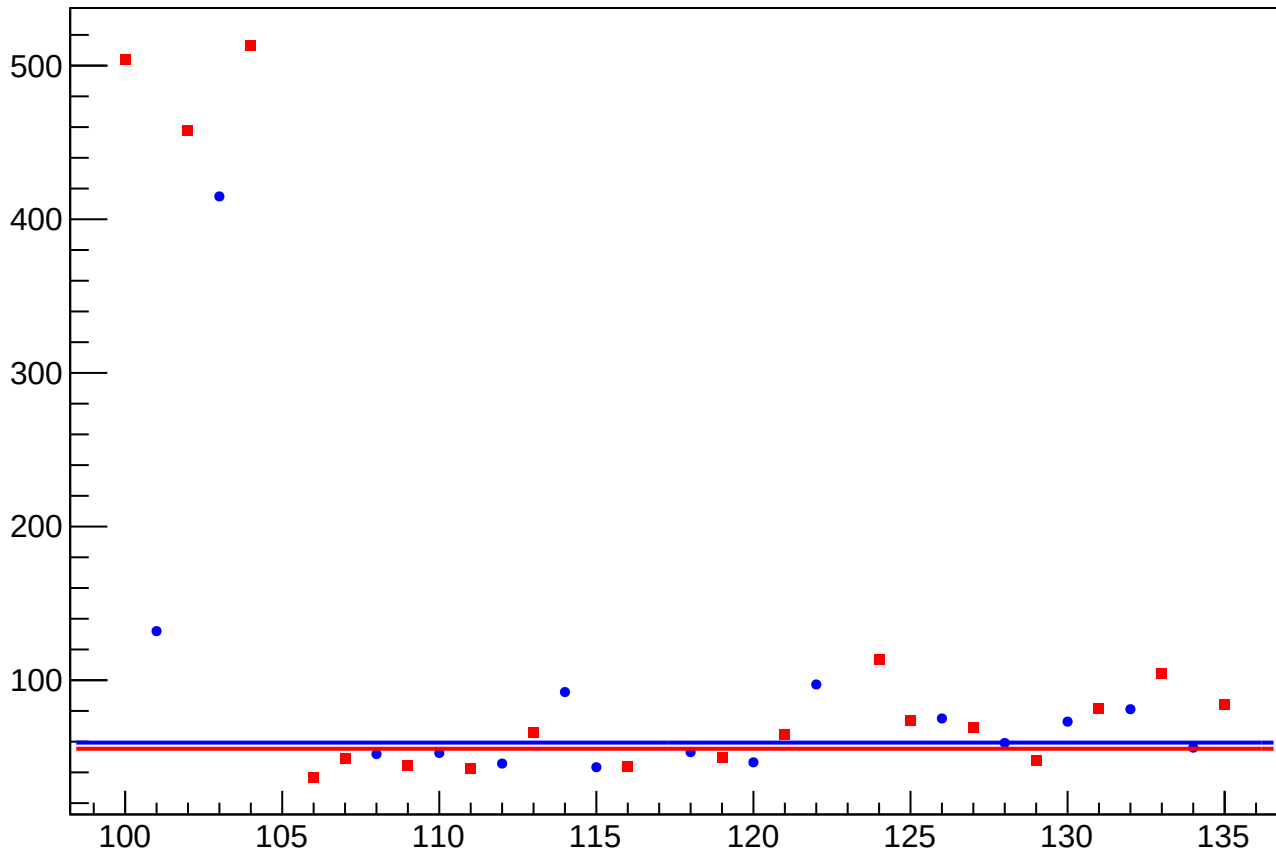
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.011 $\pm$ 0.018 χ^2 /NDF: 37.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_dit_vs_cor_diff_rms vs Slug



Right In: 59.391+/-0.019 χ^2/NDF : 1611576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.400+/-0.017 χ^2/NDF : 2434446.4/17

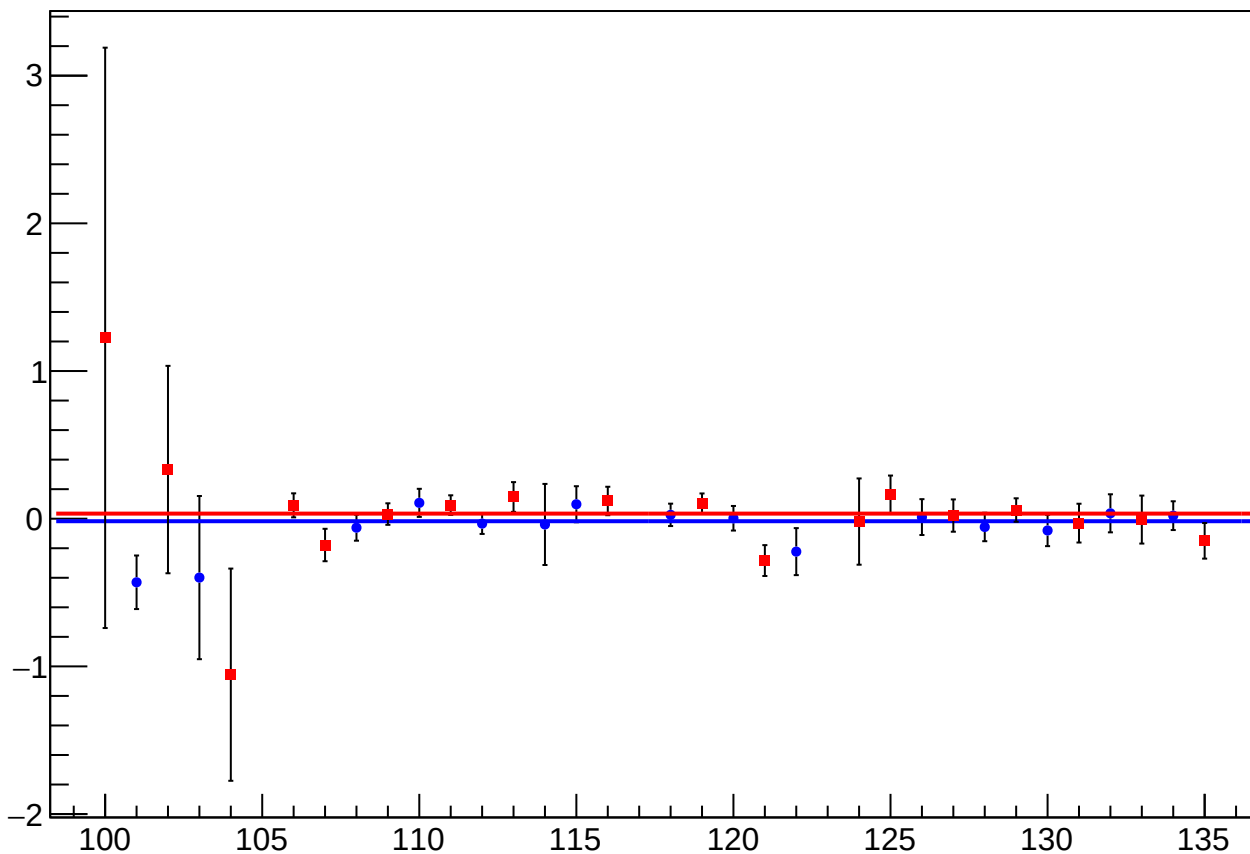
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.195+/-0.013 χ^2/NDF : 4069605.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017+/-0.027 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.034+/-0.025 χ^2/NDF : 23.9/17

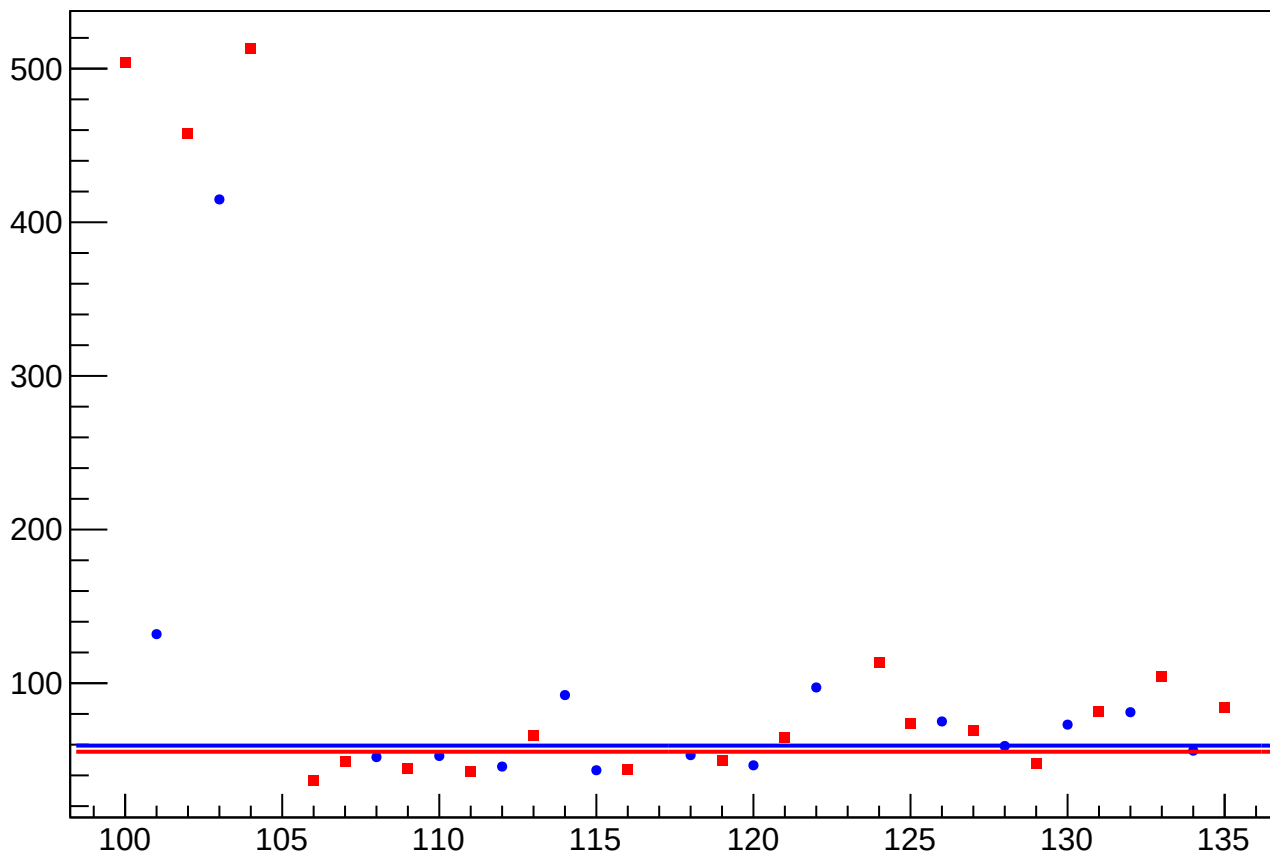
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.018 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 59.391+/-0.019 χ^2/NDF : 1611576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.400+/-0.017 χ^2/NDF : 2434446.4/17

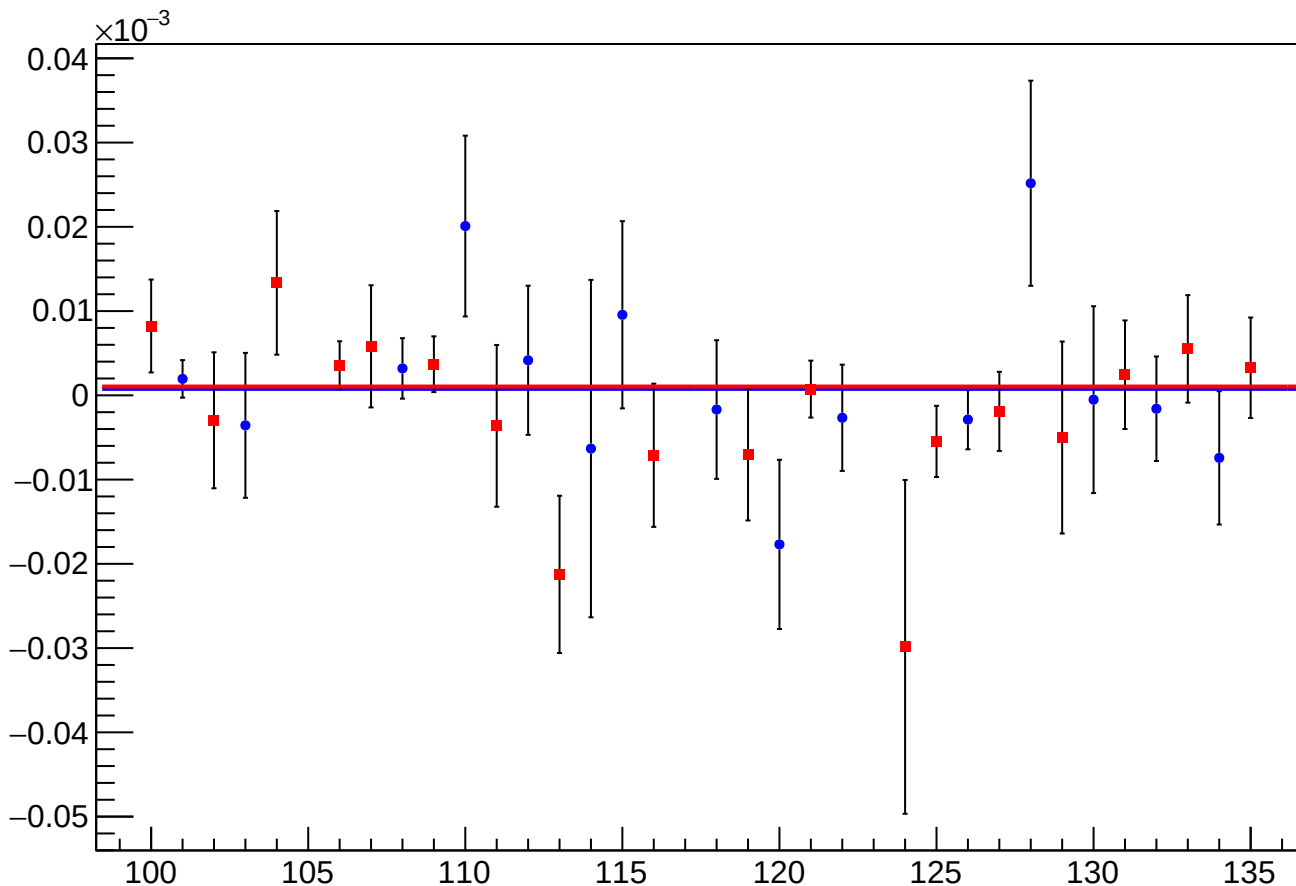
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.195+/-0.013 χ^2/NDF : 4069605.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.0/17

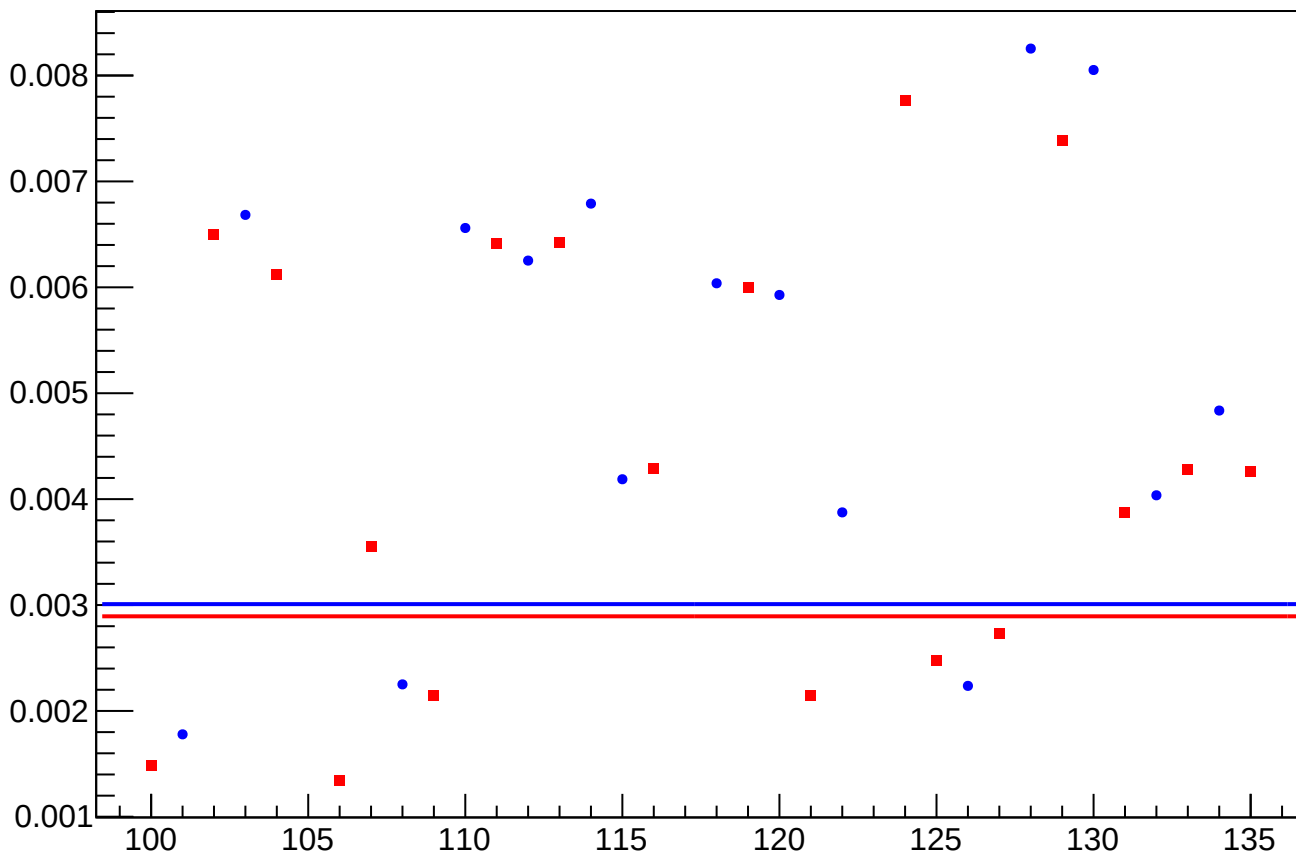
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 3166314.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 3255998.4/17

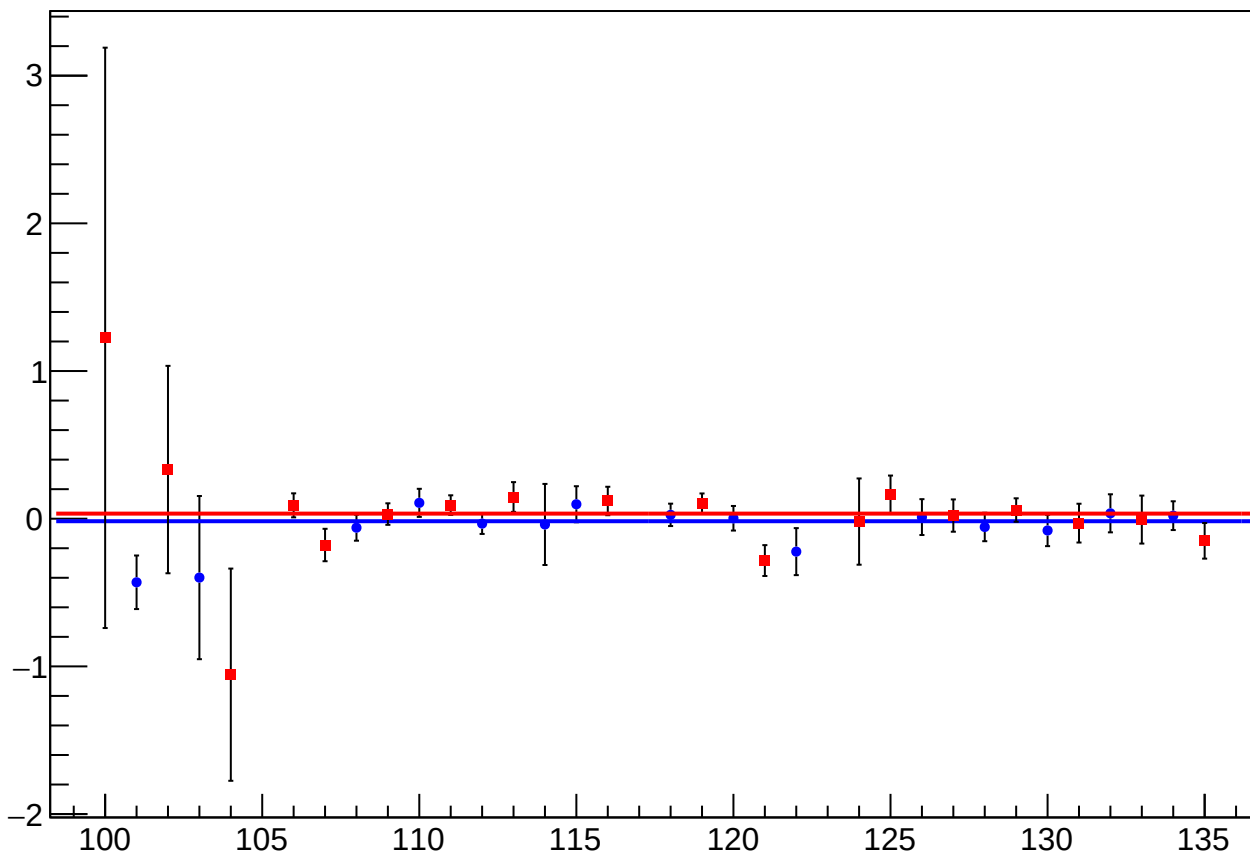
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6429768.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.017+/-0.027 χ^2 /NDF: 11.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.034+/-0.025 χ^2 /NDF: 23.9/17

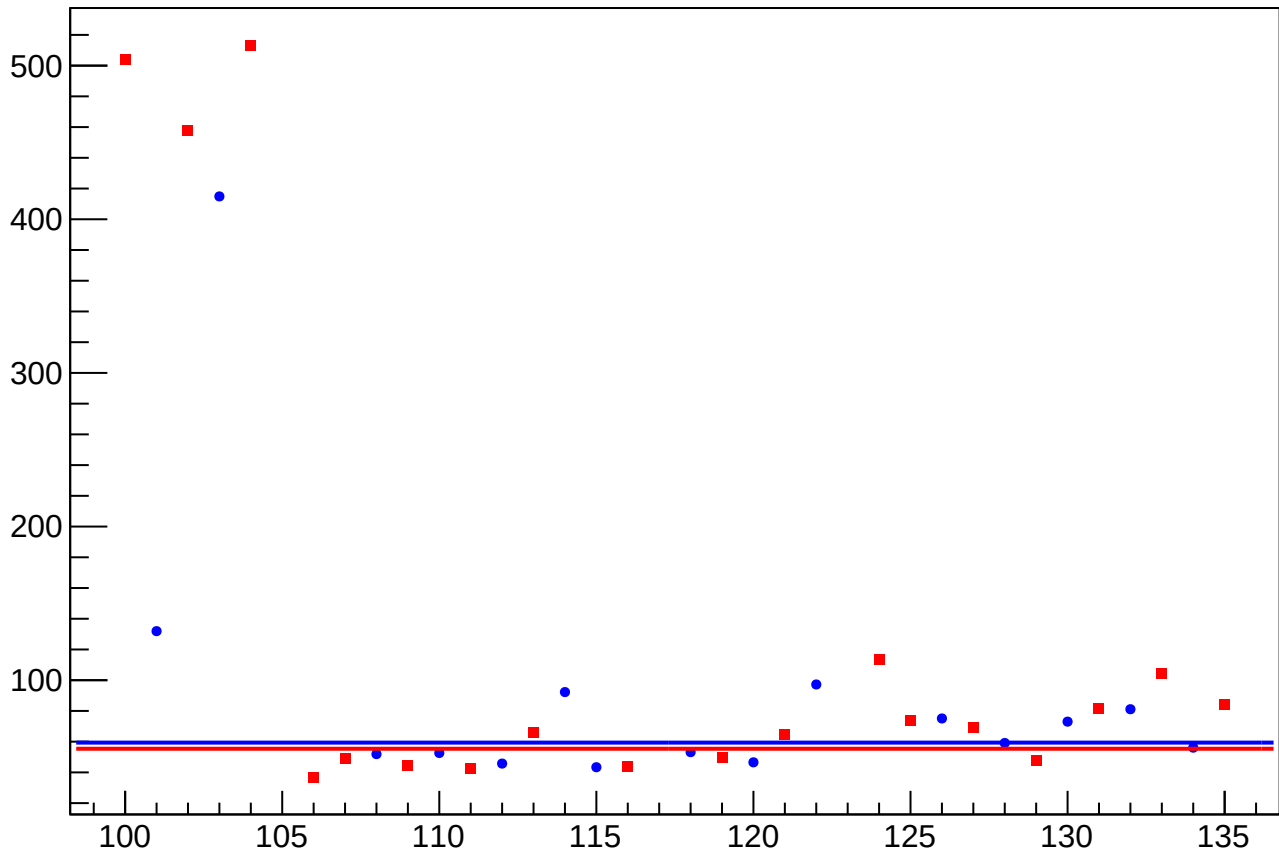
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.011+/-0.018 χ^2 /NDF: 37.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 59.390+/-0.019 χ^2/NDF : 1611521.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 55.400+/-0.017 χ^2/NDF : 2434402.9/17

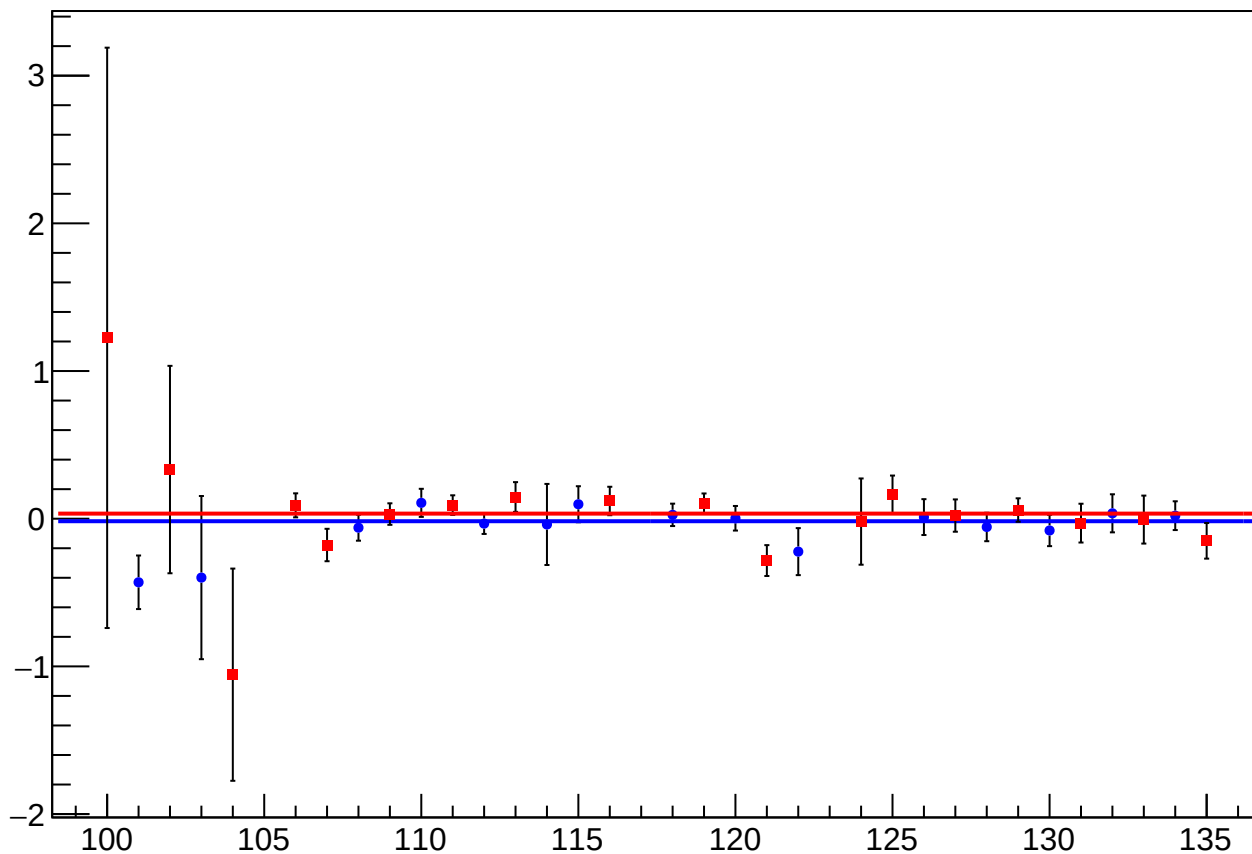
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.195+/-0.013 χ^2/NDF : 4069508.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.017+/-0.027 χ^2 /NDF: 11.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.034+/-0.025 χ^2 /NDF: 23.9/17

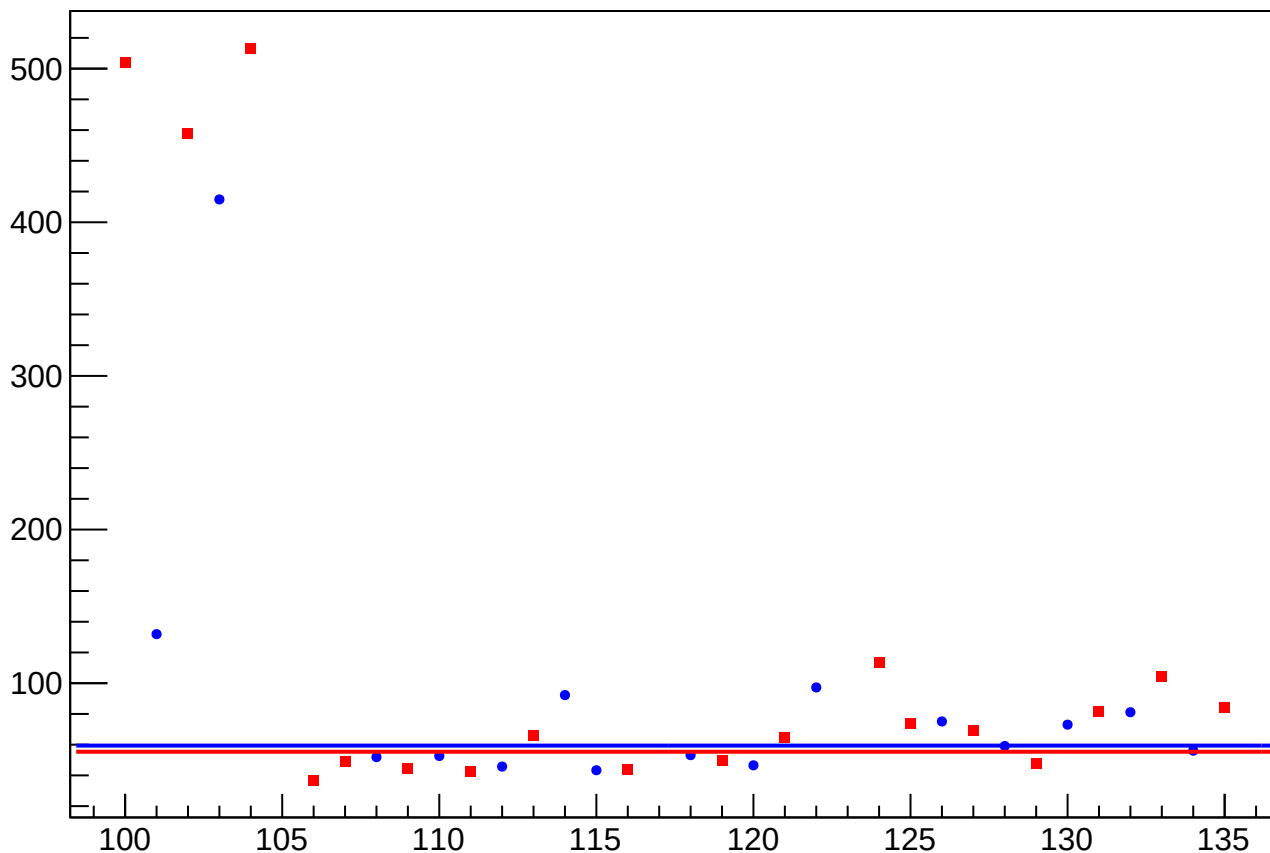
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.011+/-0.018 χ^2 /NDF: 37.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 59.390+/-0.019 χ^2/NDF : 1611521.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

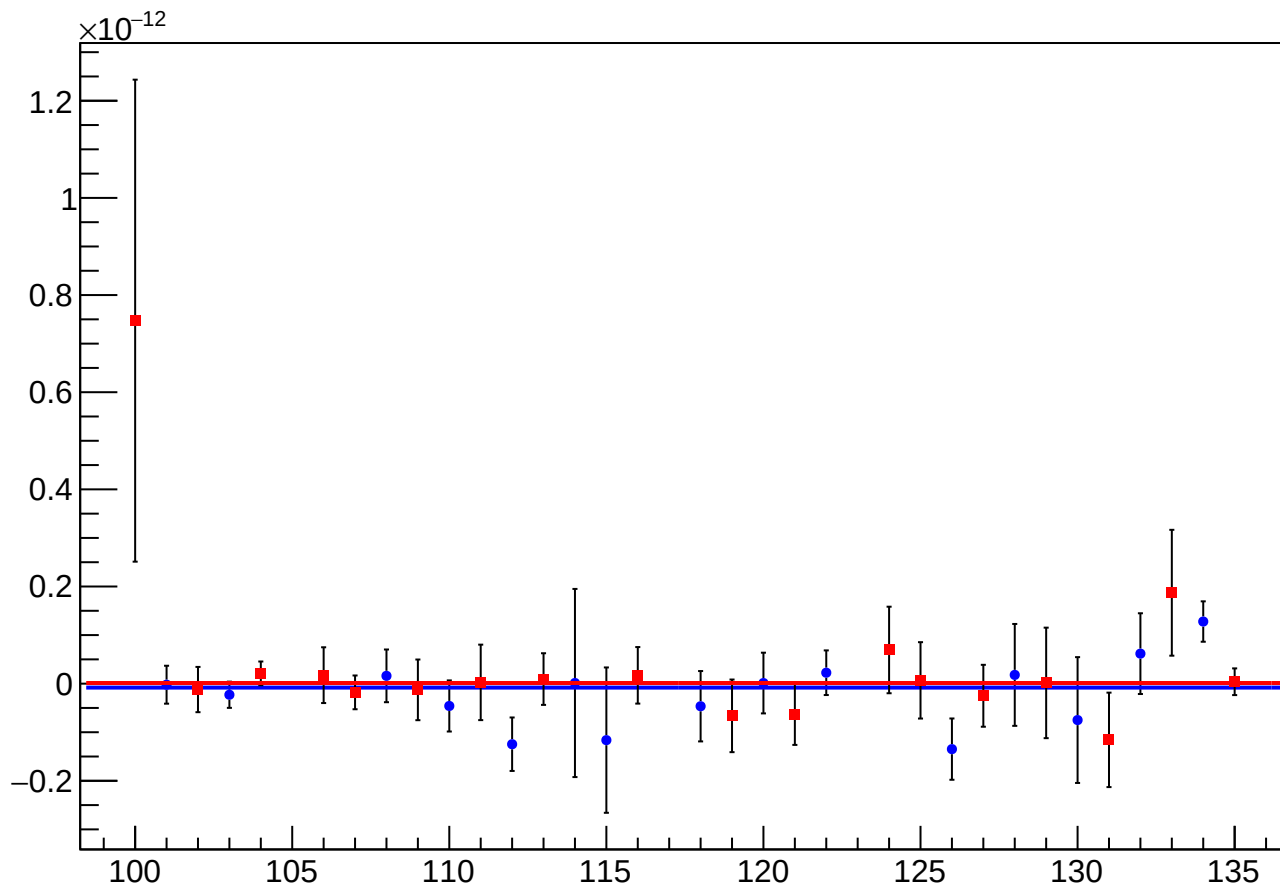
Right Out: 55.400+/-0.017 χ^2/NDF : 2434402.9/17

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 57.195+/-0.013 χ^2/NDF : 4069508.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/17

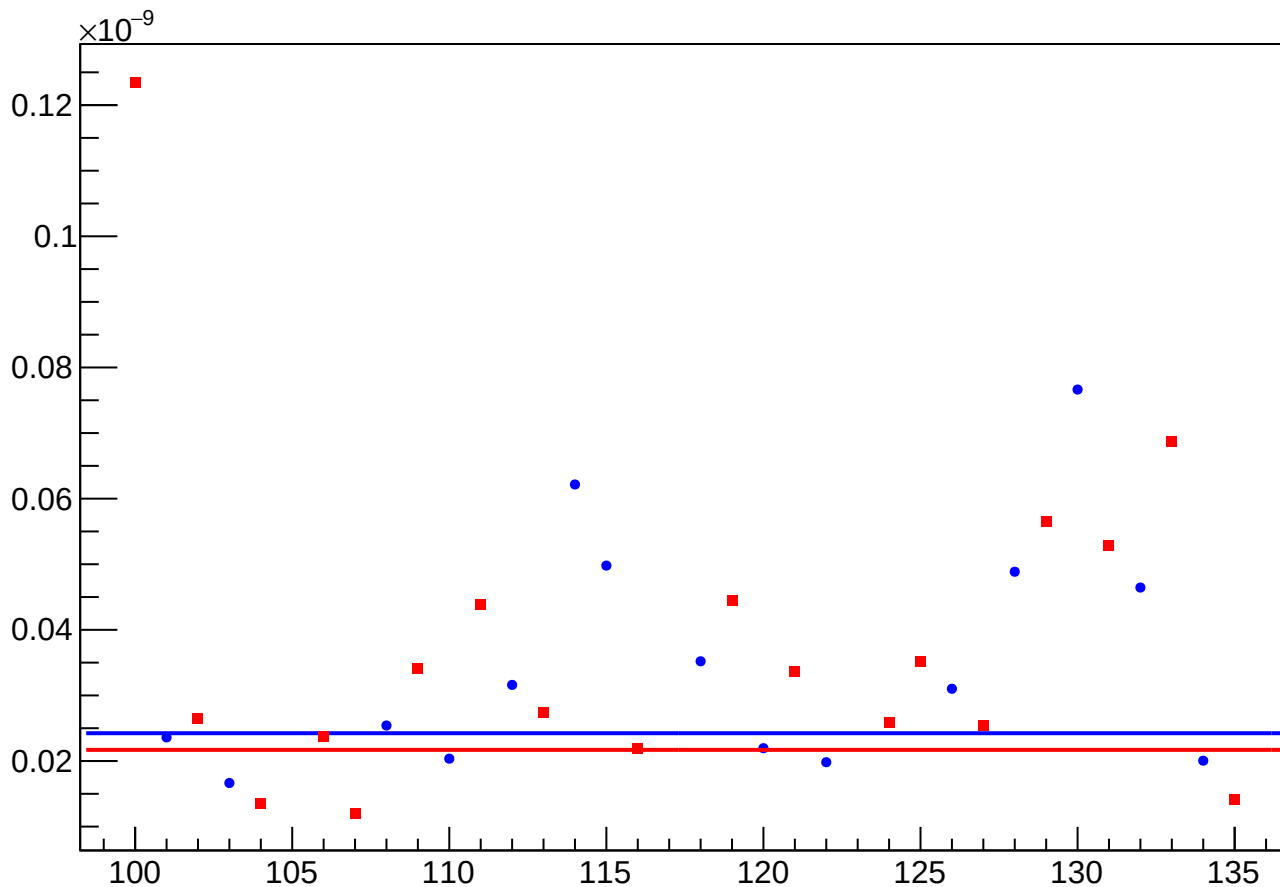
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1032392.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1886582.4/17

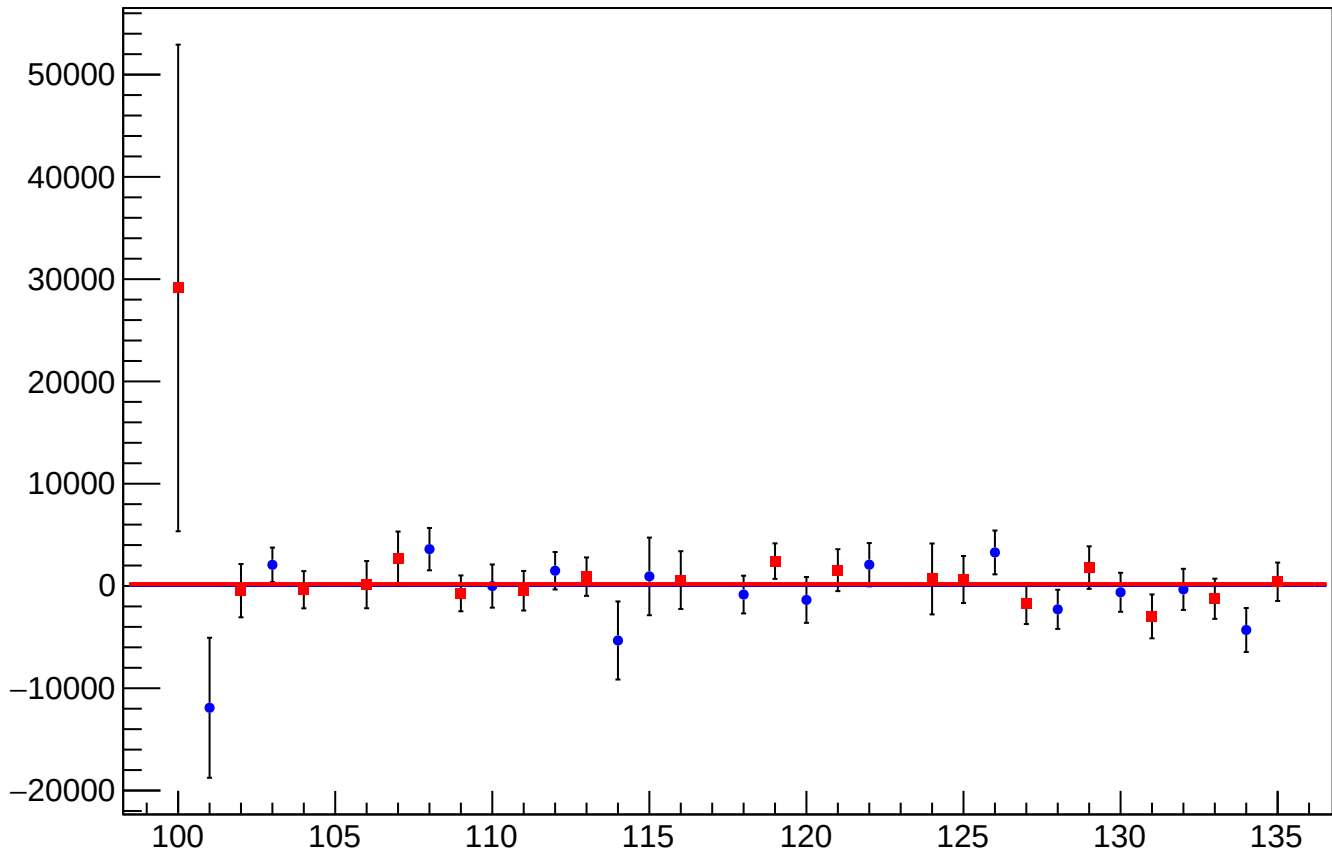
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2957062.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_mean vs Slug



Right In: 97.113+/-557.964 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 189.271+/-508.511 χ^2/NDF : 9.5/17

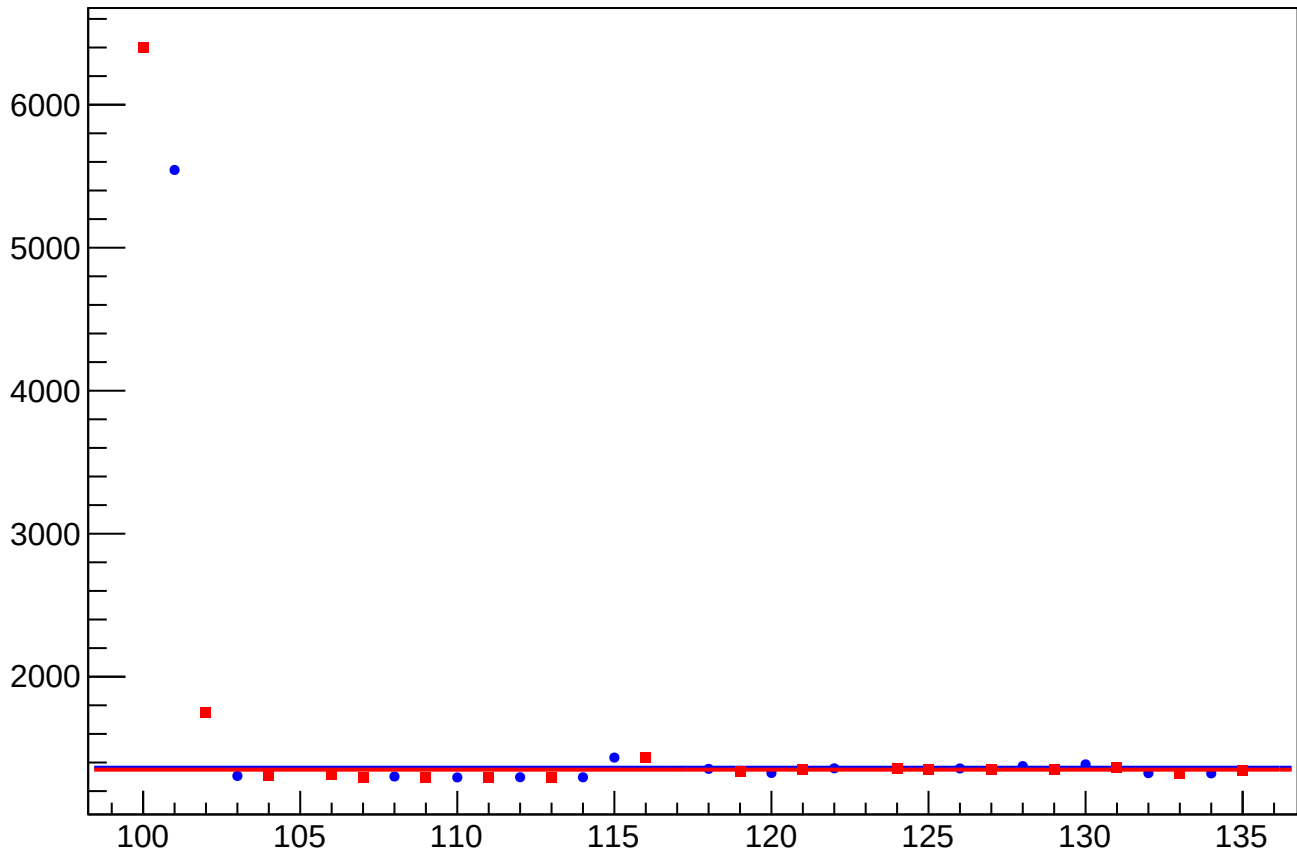
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.457+/-375.842 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594 $\pm$ 0.395 χ^2 /NDF: 757869.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1349.978 $\pm$ 0.360 χ^2 /NDF: 147000.4/17

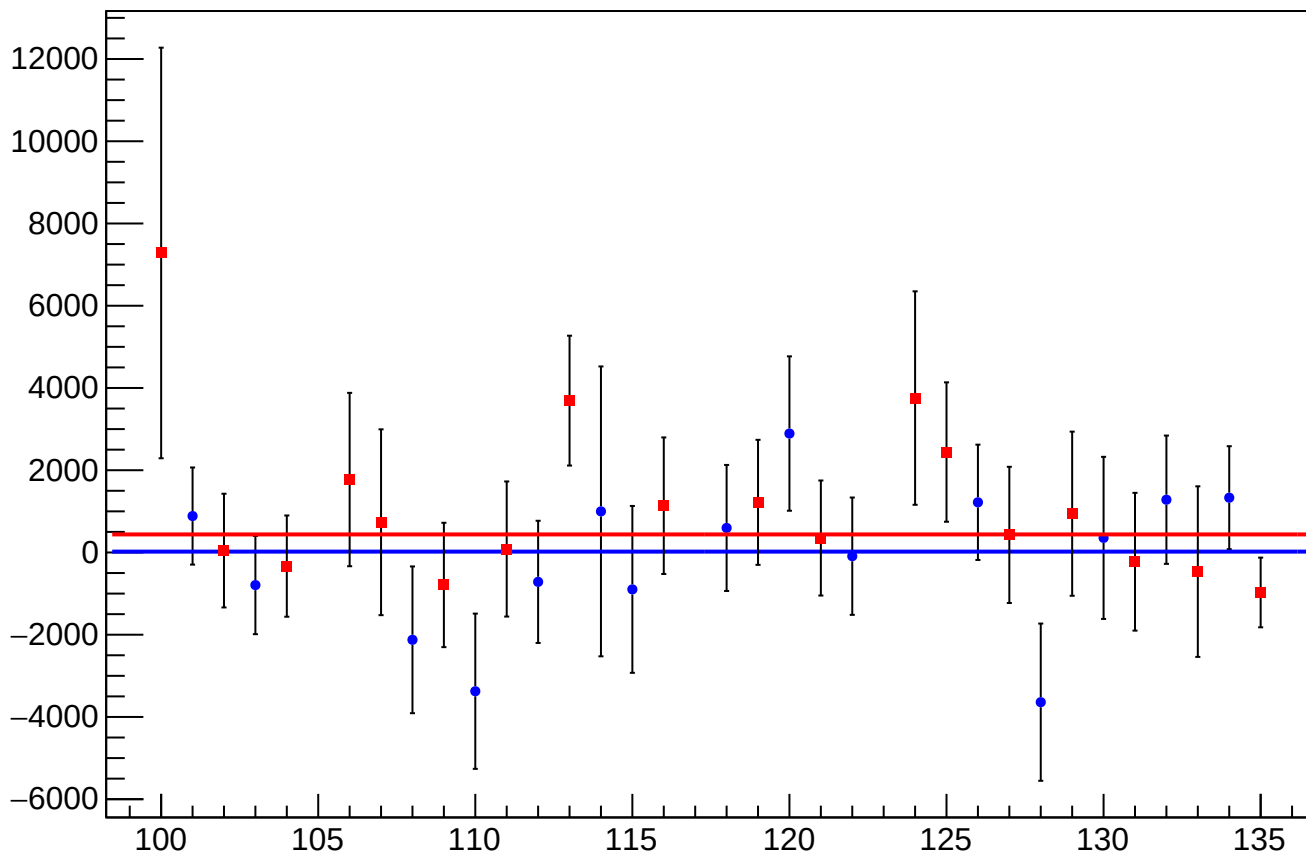
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1356.156 $\pm$ 0.266 χ^2 /NDF: 905520.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_correction_mean vs Slug



Right In: 20.699+/-405.594 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 438.906+/-371.305 χ^2/NDF : 14.4/17

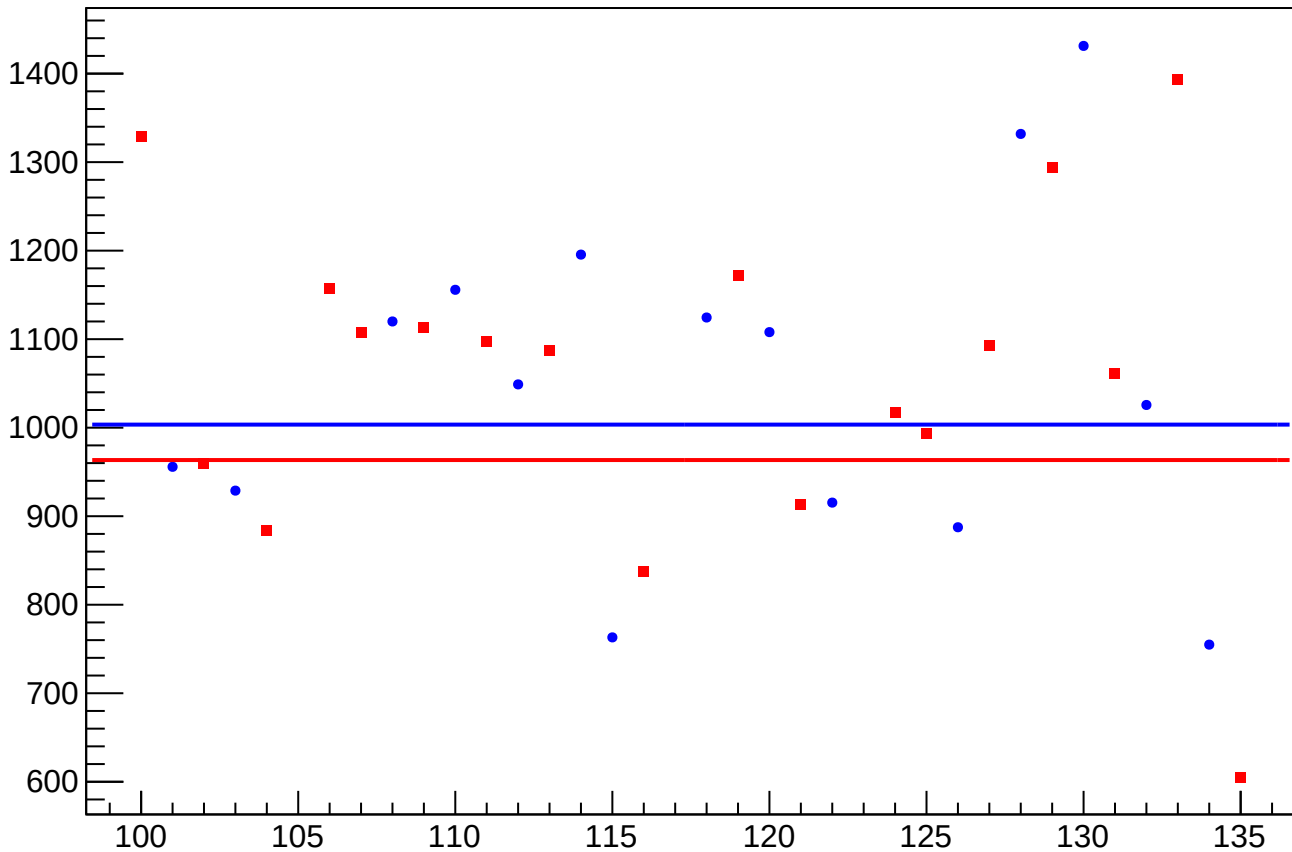
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 248.225+/-273.874 χ^2/NDF : 29.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_correction_rms vs Slug



Right In: 1003.478 $\pm$ 0.287 χ^2 /NDF: 340856.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

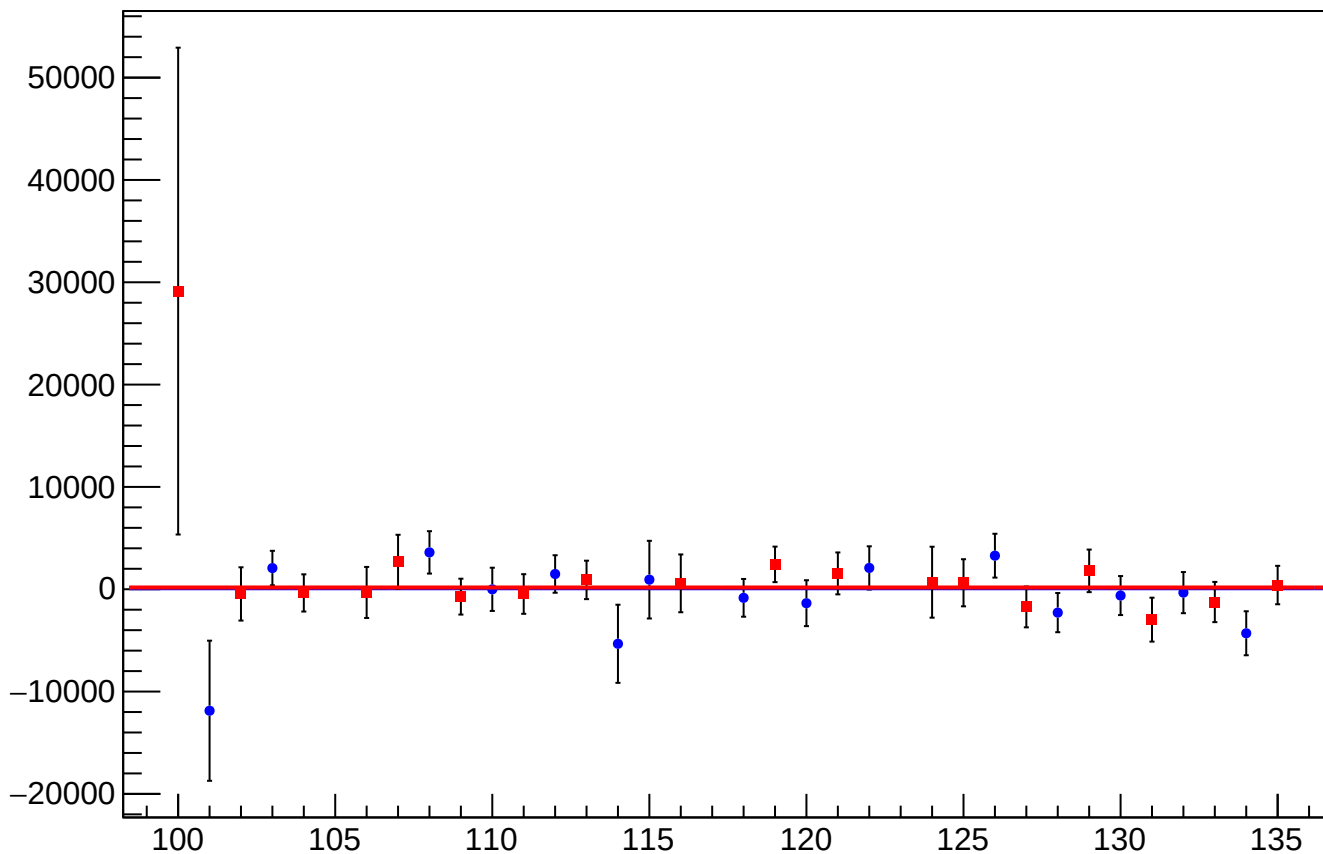
Right Out: 963.448 $\pm$ 0.263 χ^2 /NDF: 659733.5/17

All: 981.699 $\pm$ 0.194 χ^2 /NDF: 1011189.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_usr_atr1_dd_mean vs Slug



Right In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.530+/-510.300 χ^2/NDF : 9.5/17

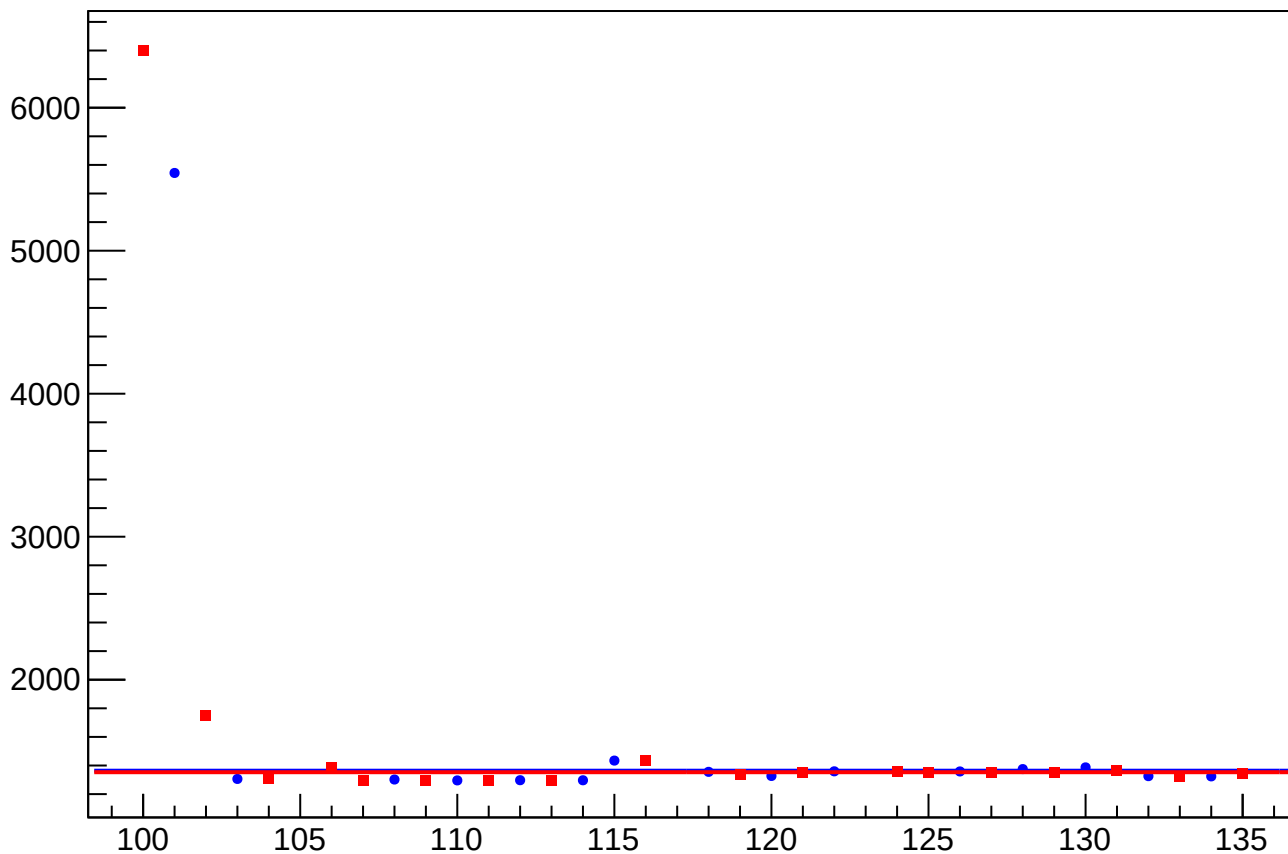
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.802+/-376.562 χ^2/NDF : 29.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.189+/-0.361 χ^2/NDF : 147009.2/17

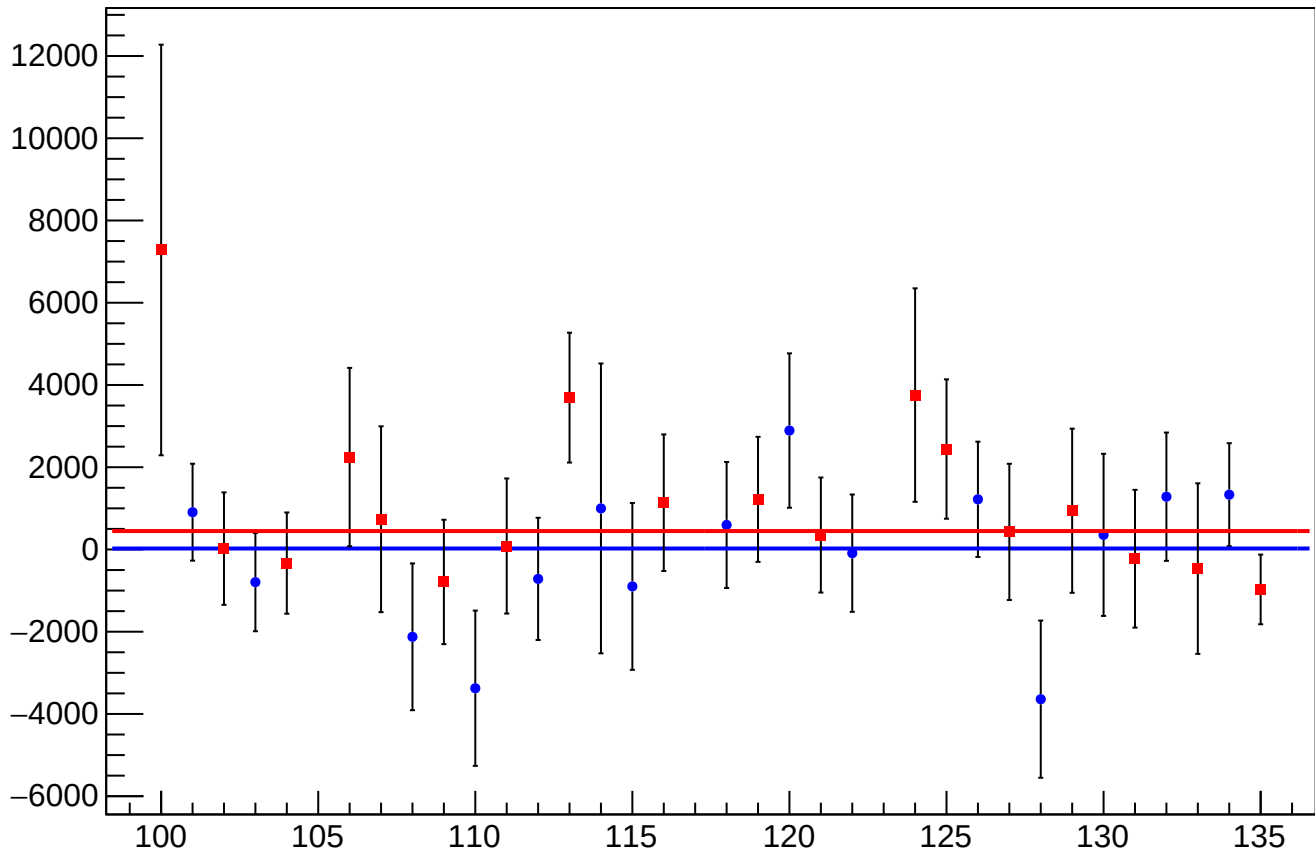
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.928+/-0.266 χ^2/NDF : 905256.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_cor_correction_mean vs Slug



Right In: 23.499 $\pm$ 405.494 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 448.113 $\pm$ 371.312 χ^2 /NDF: 14.7/17

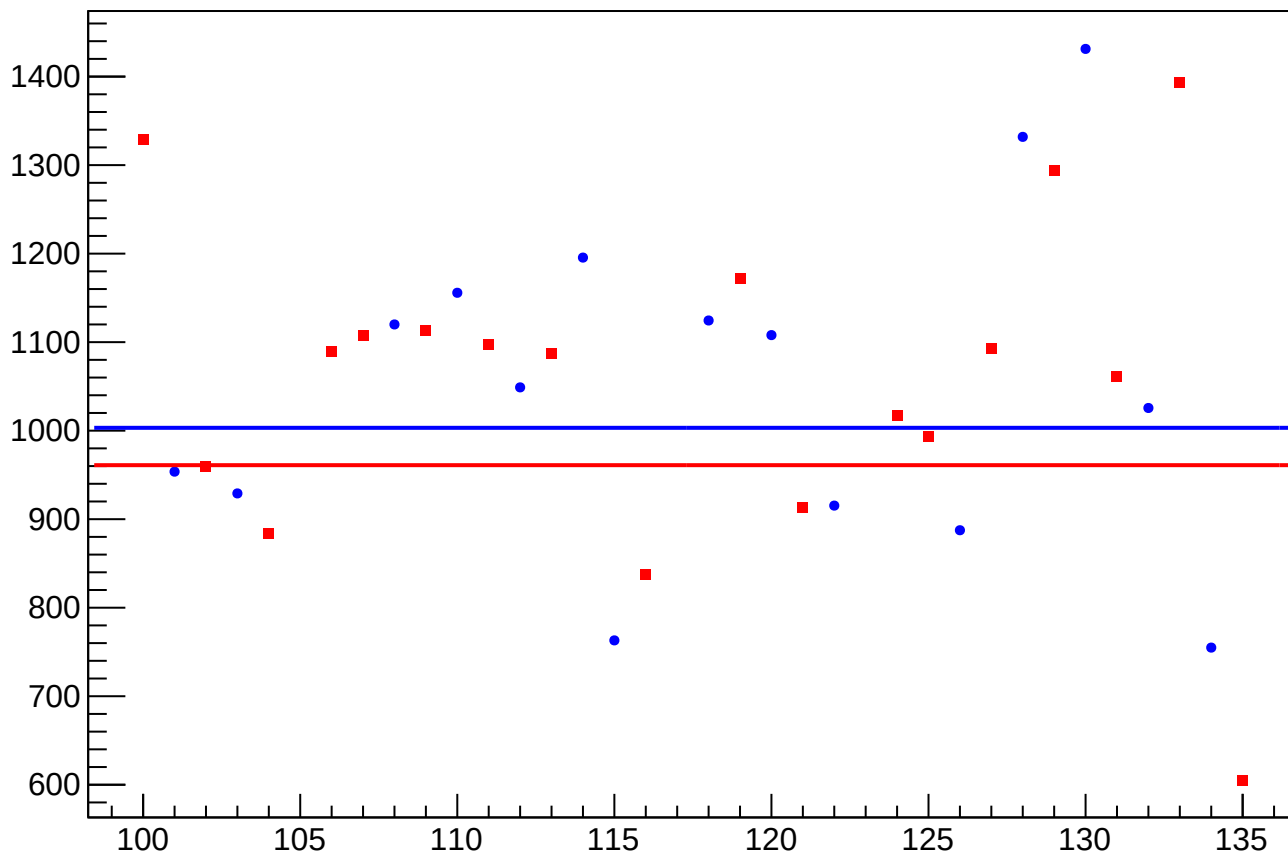
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.454 $\pm$ 273.846 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_cor_correction_rms vs Slug



Right In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 961.021+/-0.263 χ^2/NDF : 649526.8/17

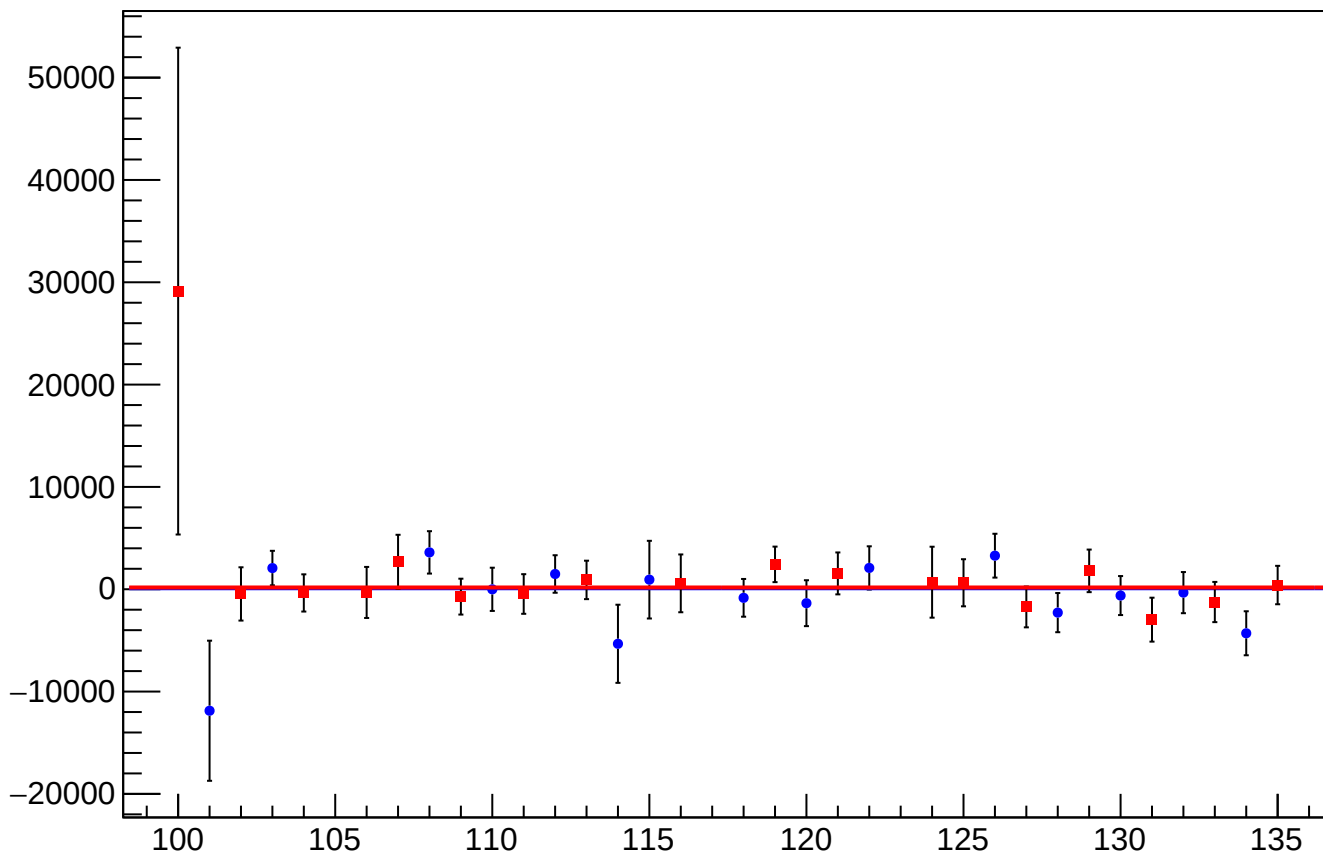
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 980.270+/-0.194 χ^2/NDF : 1002437.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_mean vs Slug



Right In: 97.478+/-557.964 χ^2/NDF : 19.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.530+/-510.300 χ^2/NDF : 9.5/17

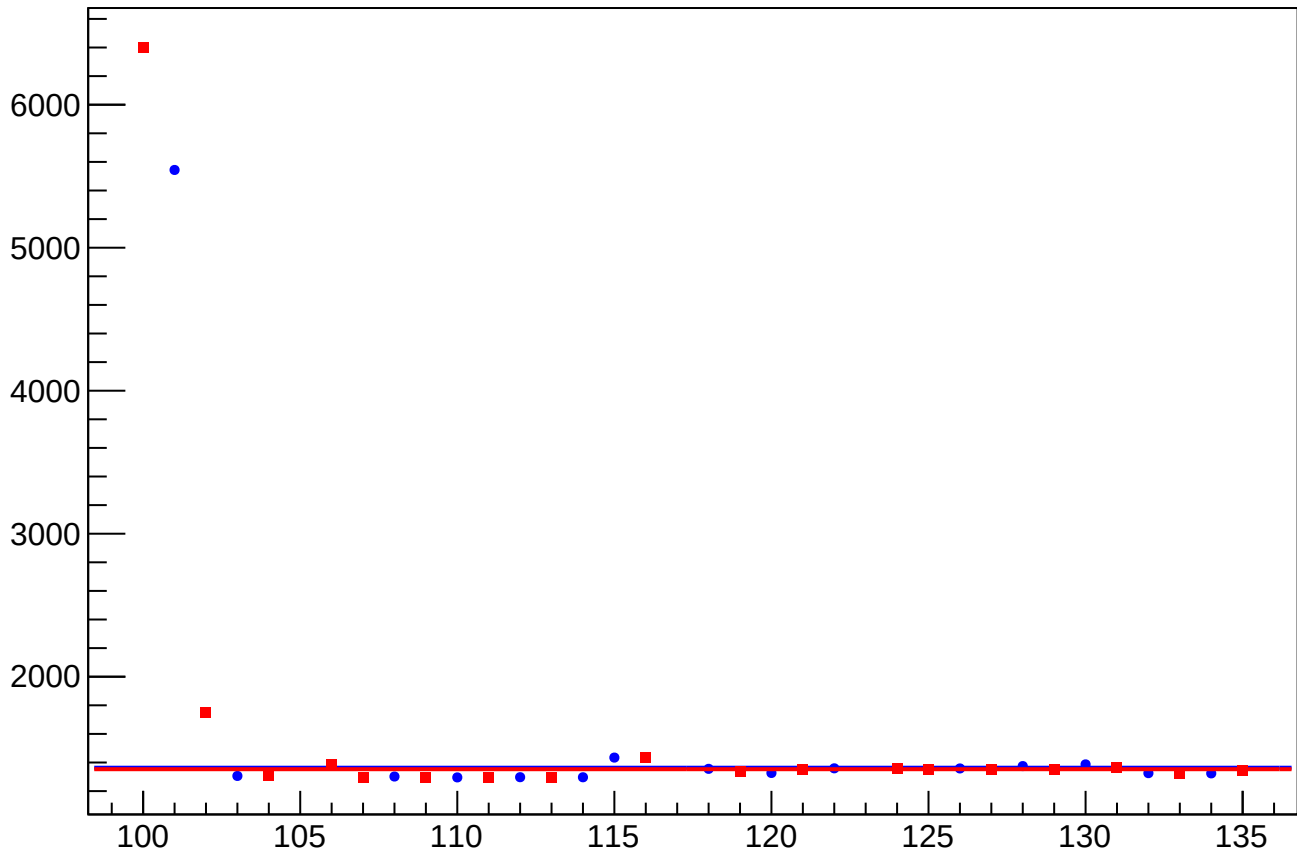
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.802+/-376.562 χ^2/NDF : 29.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr1_dd_rms vs Slug



Right In: 1363.594+/-0.395 χ^2/NDF : 757868.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1353.189+/-0.361 χ^2/NDF : 147009.2/17

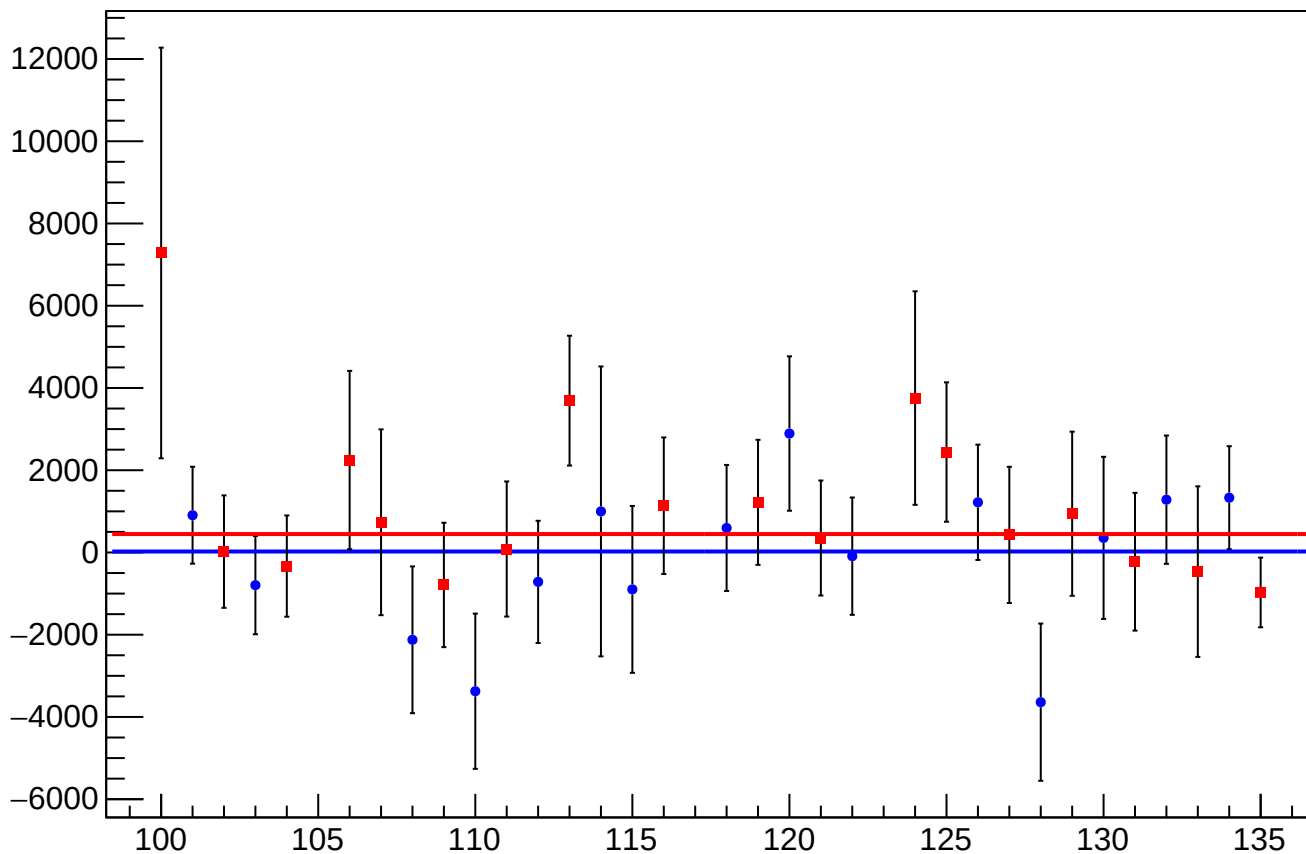
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1357.928+/-0.266 χ^2/NDF : 905256.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_mean vs Slug



Right In: 23.499+/-405.494 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 448.113+/-371.312 χ^2/NDF : 14.7/17

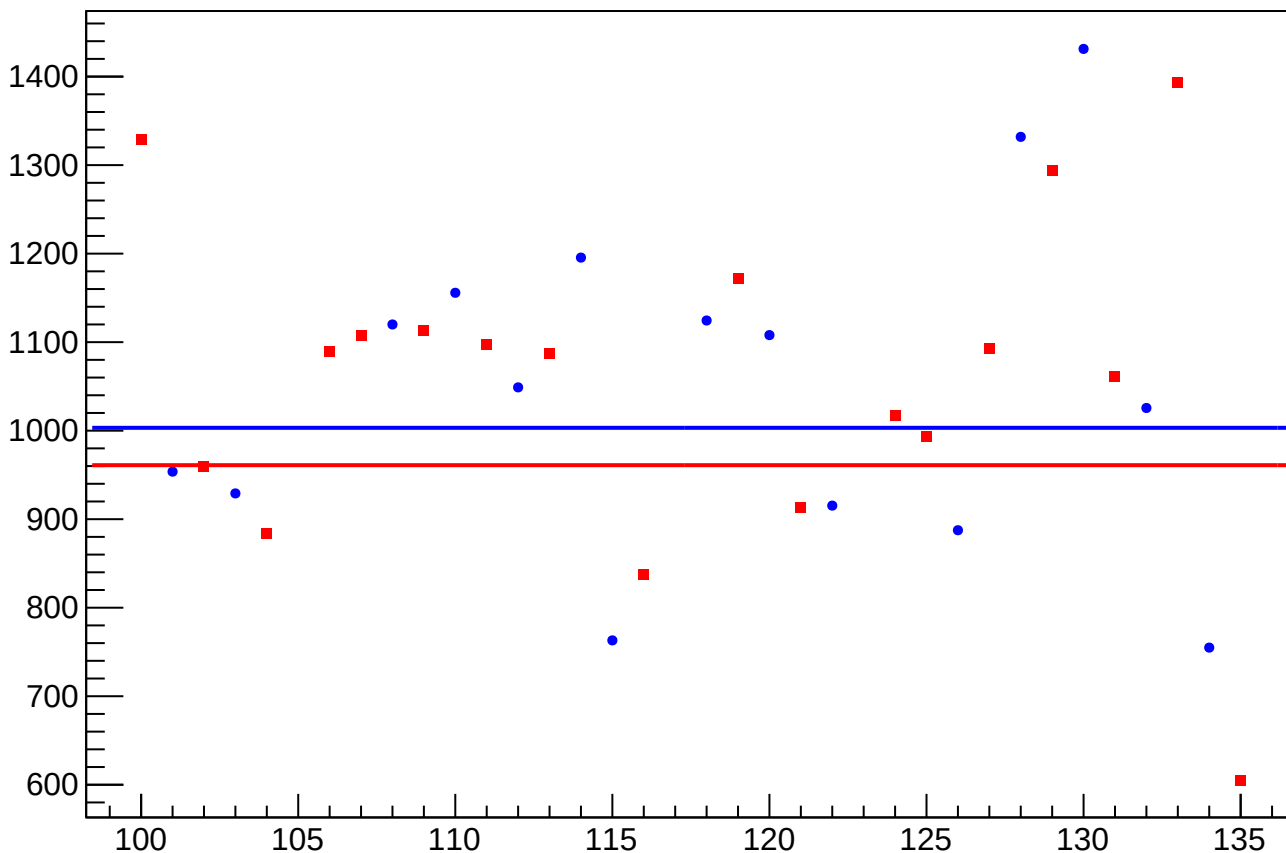
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.454+/-273.846 χ^2/NDF : 30.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_correction_rms vs Slug



Right In: 1003.227+/-0.287 χ^2/NDF : 341125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

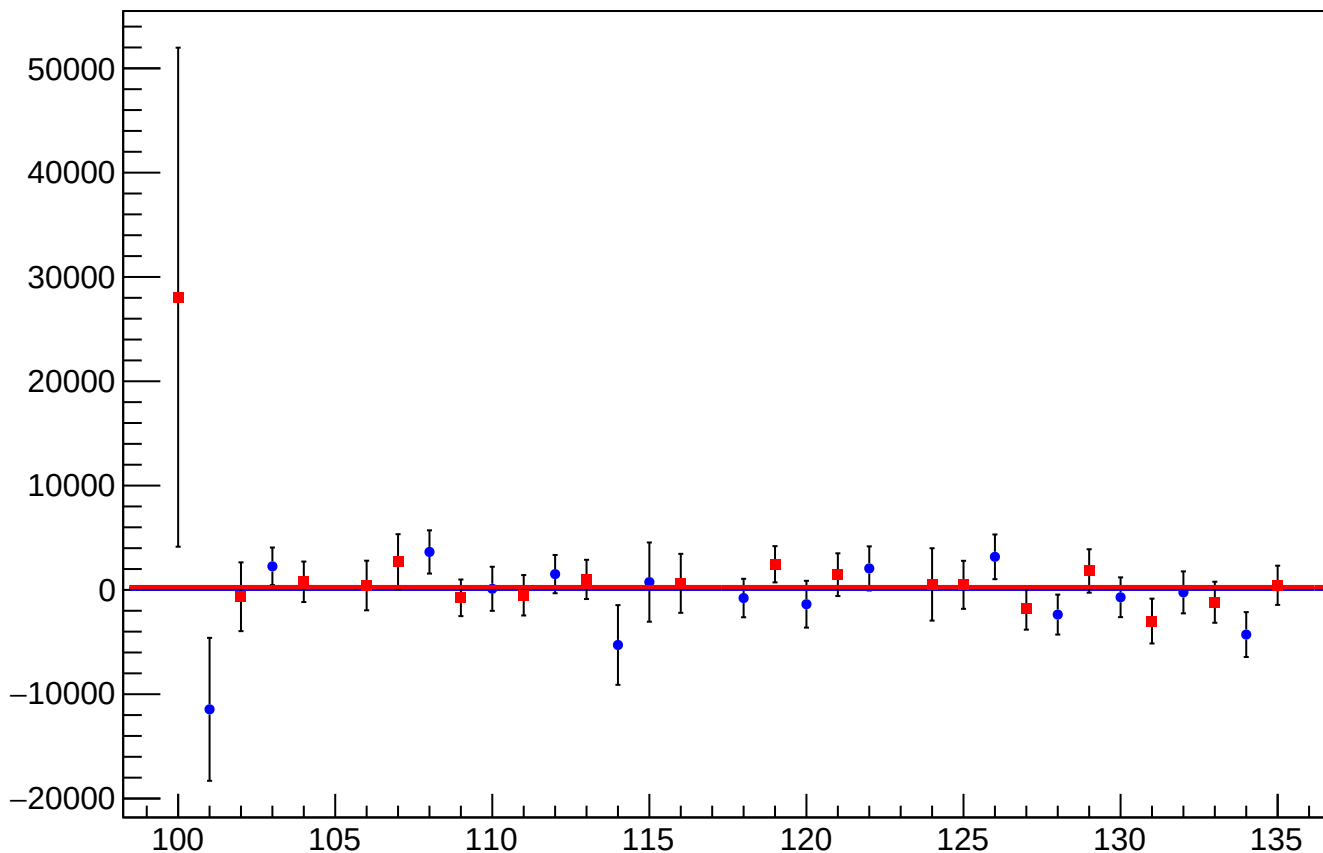
Right Out: 961.021+/-0.263 χ^2/NDF : 649526.8/17

All: 980.270+/-0.194 χ^2/NDF : 1002437.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_mean vs Slug



Right In: 91.393+/-562.118 χ^2/NDF : 19.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.615+/-515.752 χ^2/NDF : 9.4/17

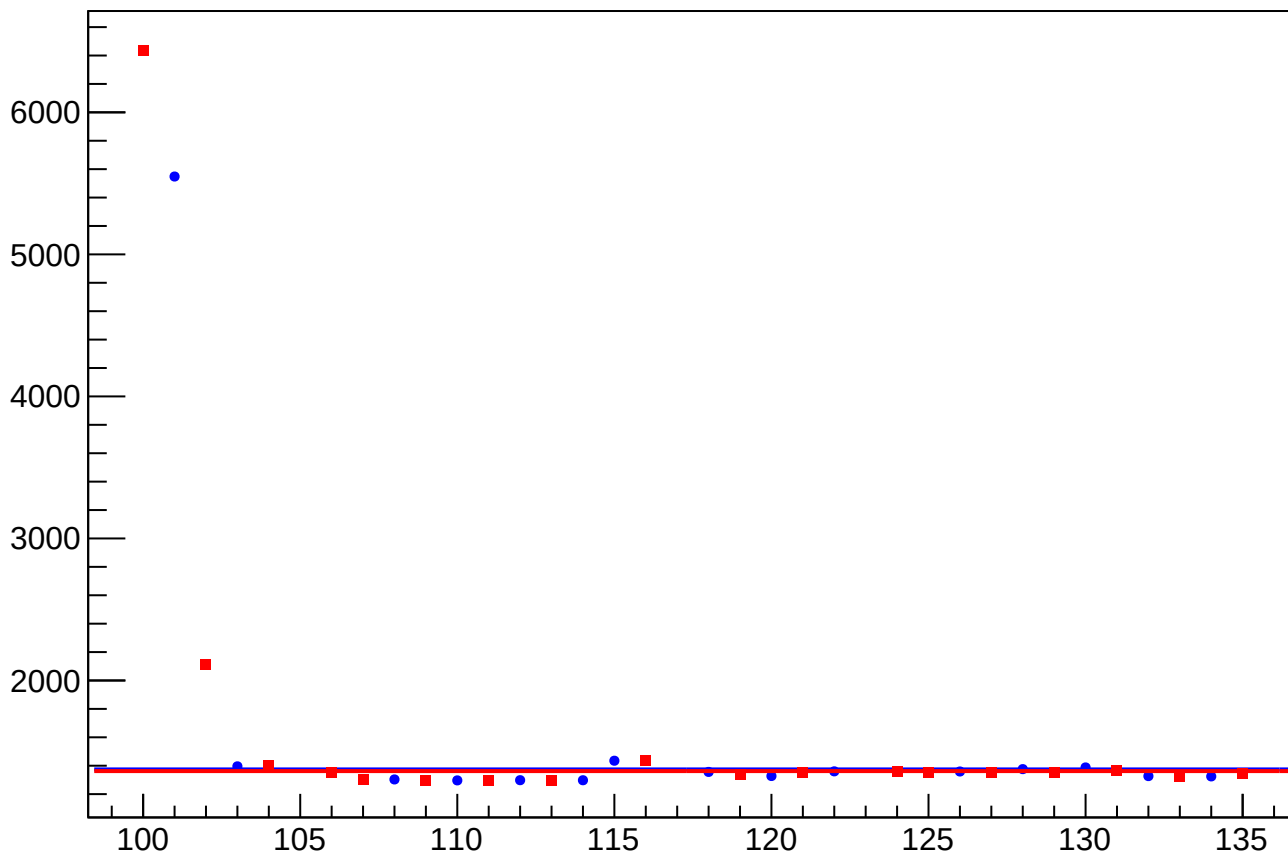
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.757+/-380.028 χ^2/NDF : 28.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1373.886 $\pm$ 0.397 χ^2 /NDF: 755623.3/14

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

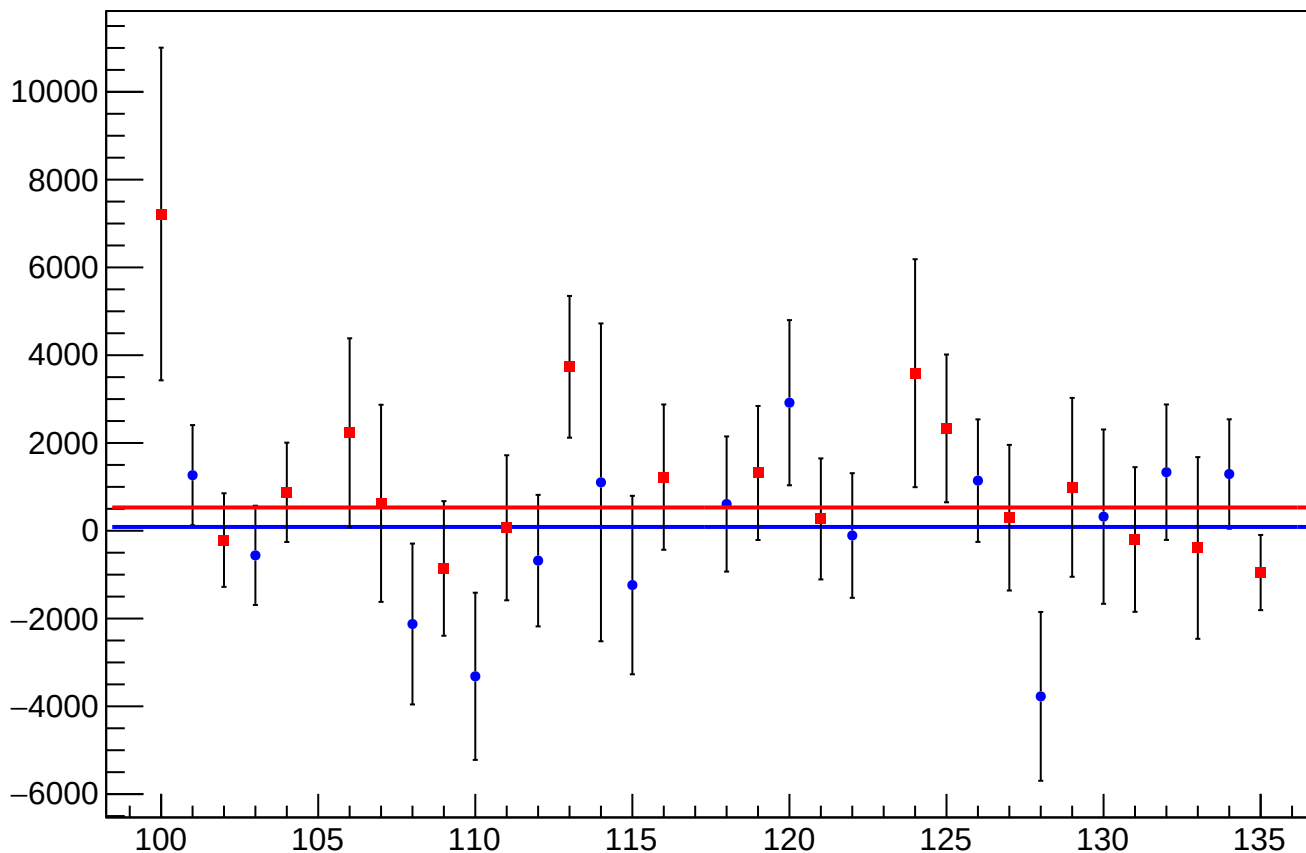
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1367.495 $\pm$ 0.269 χ^2 /NDF: 960963.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_correction_mean vs Slug



Right In: 86.855+/-402.045 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 530.663+/-360.166 χ^2/NDF : 15.6/17

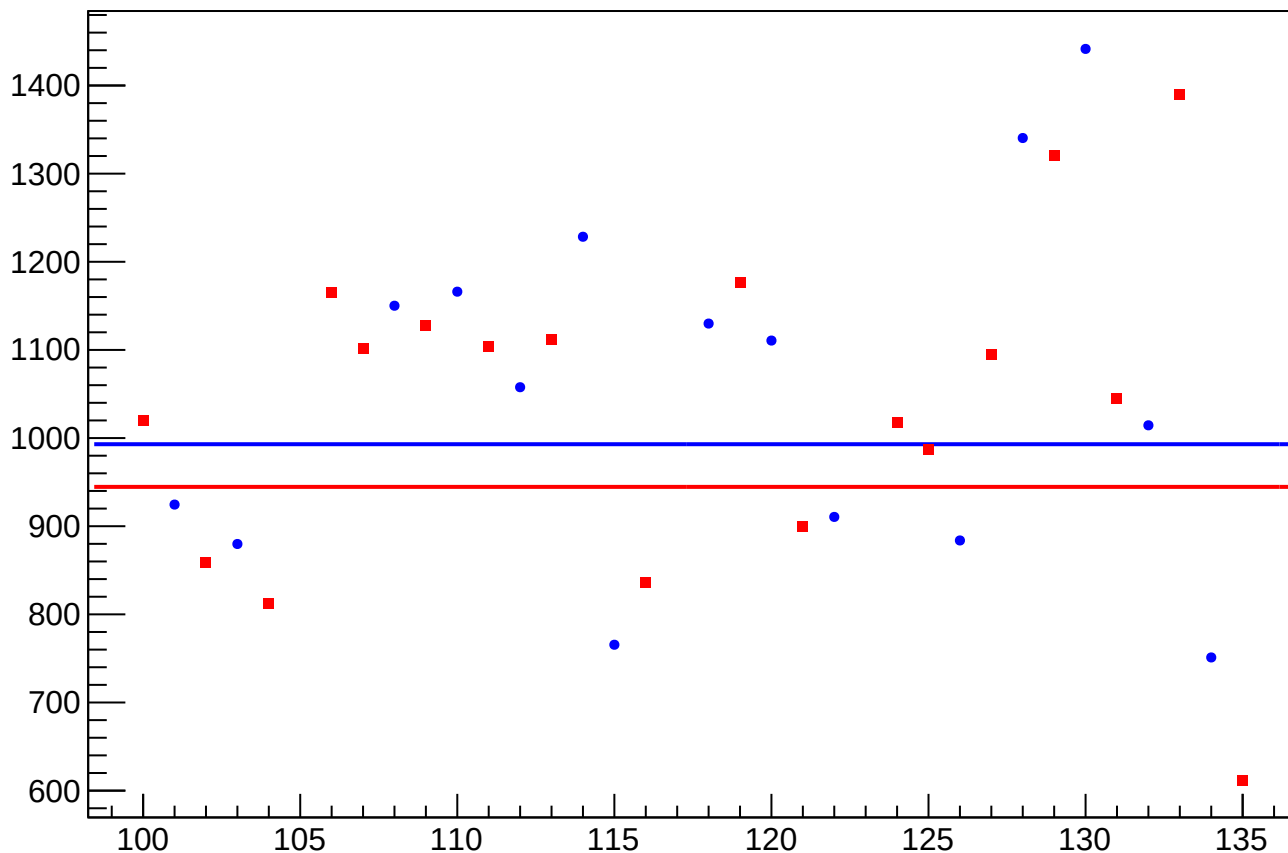
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 333.070+/-268.264 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_correction_rms vs Slug



Right In: 993.030+/-0.284 χ^2/NDF : 381183.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.625+/-0.255 χ^2/NDF : 686425.4/17

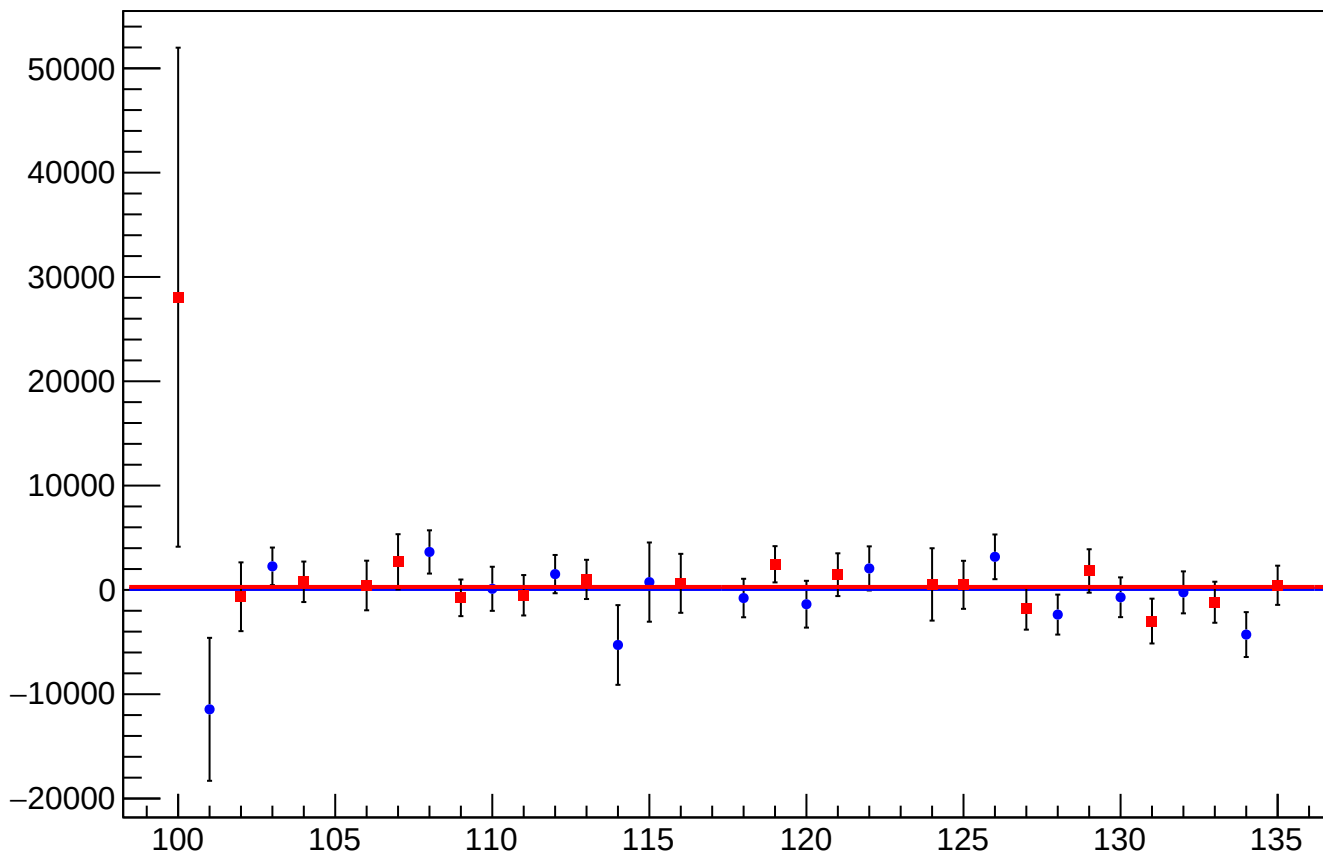
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.176+/-0.190 χ^2/NDF : 1083693.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_mean vs Slug



Right In: 91.394+/-562.117 χ^2/NDF : 19.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 283.613+/-515.752 χ^2/NDF : 9.4/17

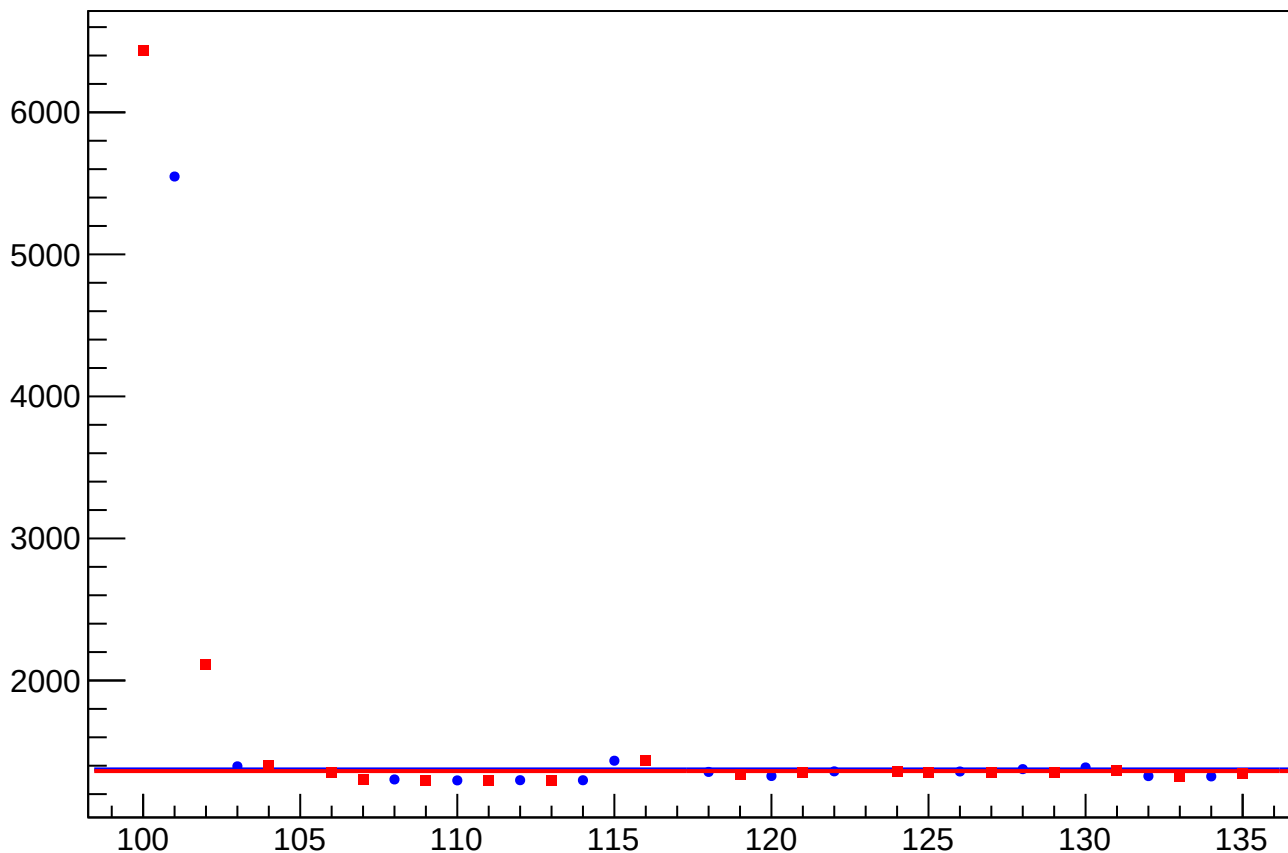
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 195.757+/-380.028 χ^2/NDF : 28.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr1_dd_rms vs Slug



Right In: 1373.886+/-0.397 χ^2/NDF : 755623.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.115+/-0.365 χ^2/NDF : 204863.8/17

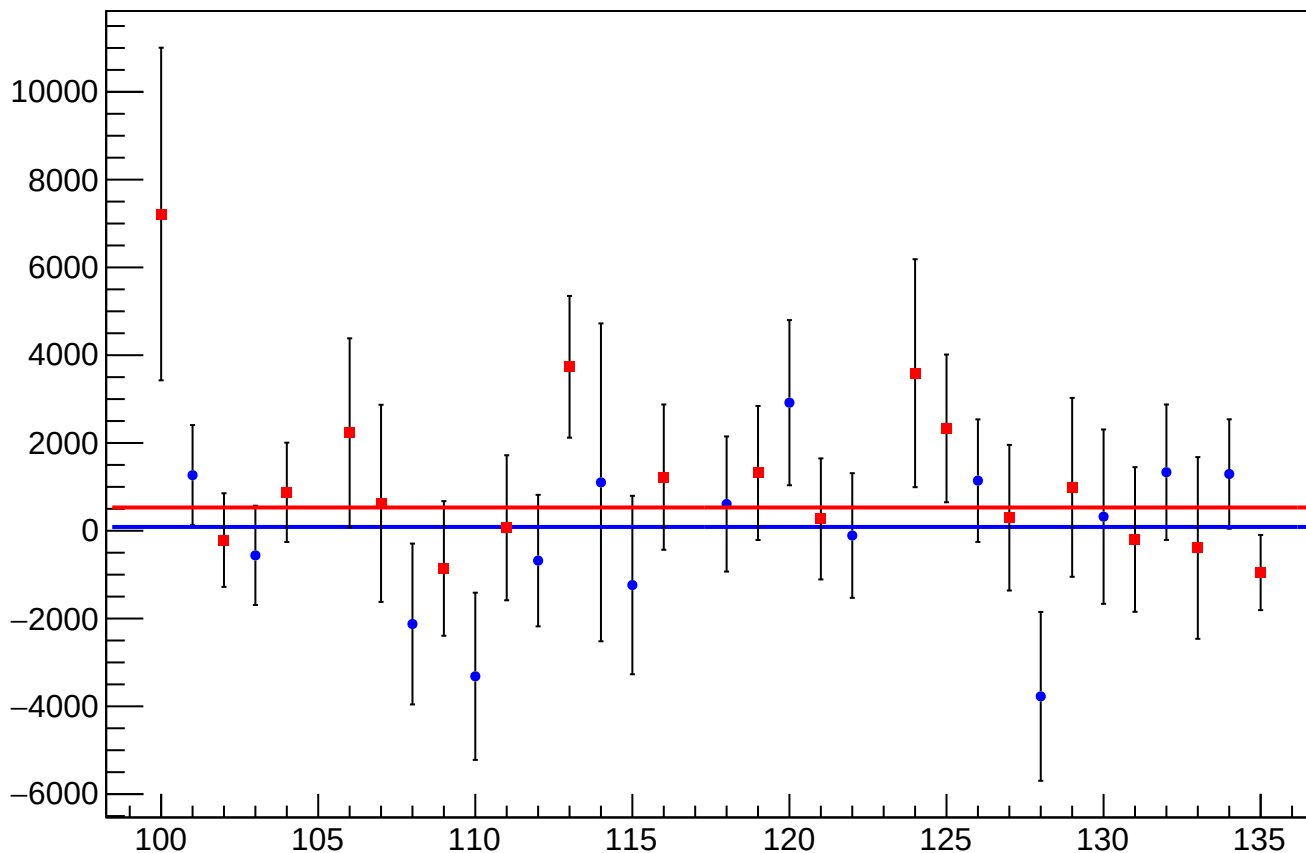
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1367.495+/-0.269 χ^2/NDF : 960963.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_mean vs Slug



Right In: 86.854 $\pm$ 402.044 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 530.662 $\pm$ 360.165 χ^2 /NDF: 15.6/17

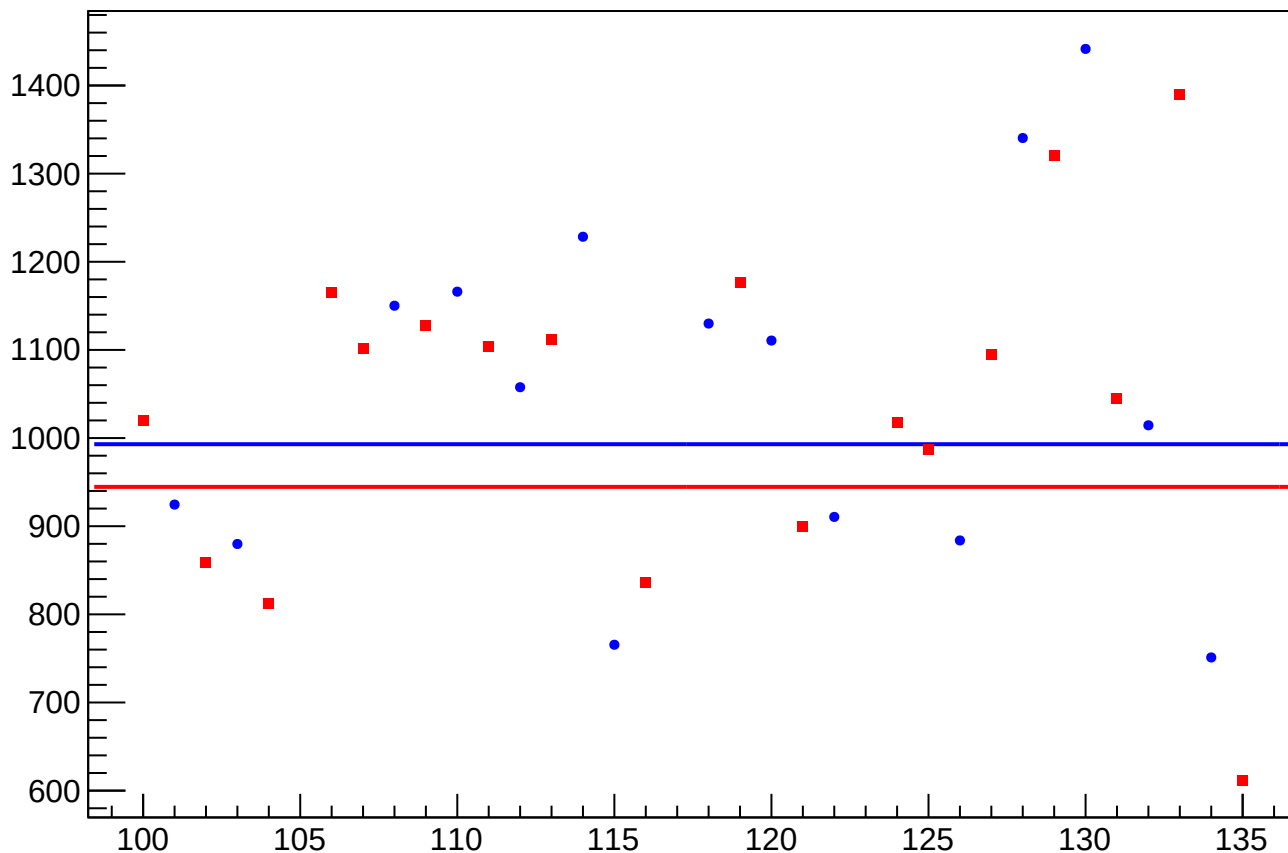
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 333.069 $\pm$ 268.263 χ^2 /NDF: 31.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_correction_rms vs Slug



Right In: 993.028+/-0.284 χ^2/NDF : 381178.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 944.623+/-0.255 χ^2/NDF : 686423.7/17

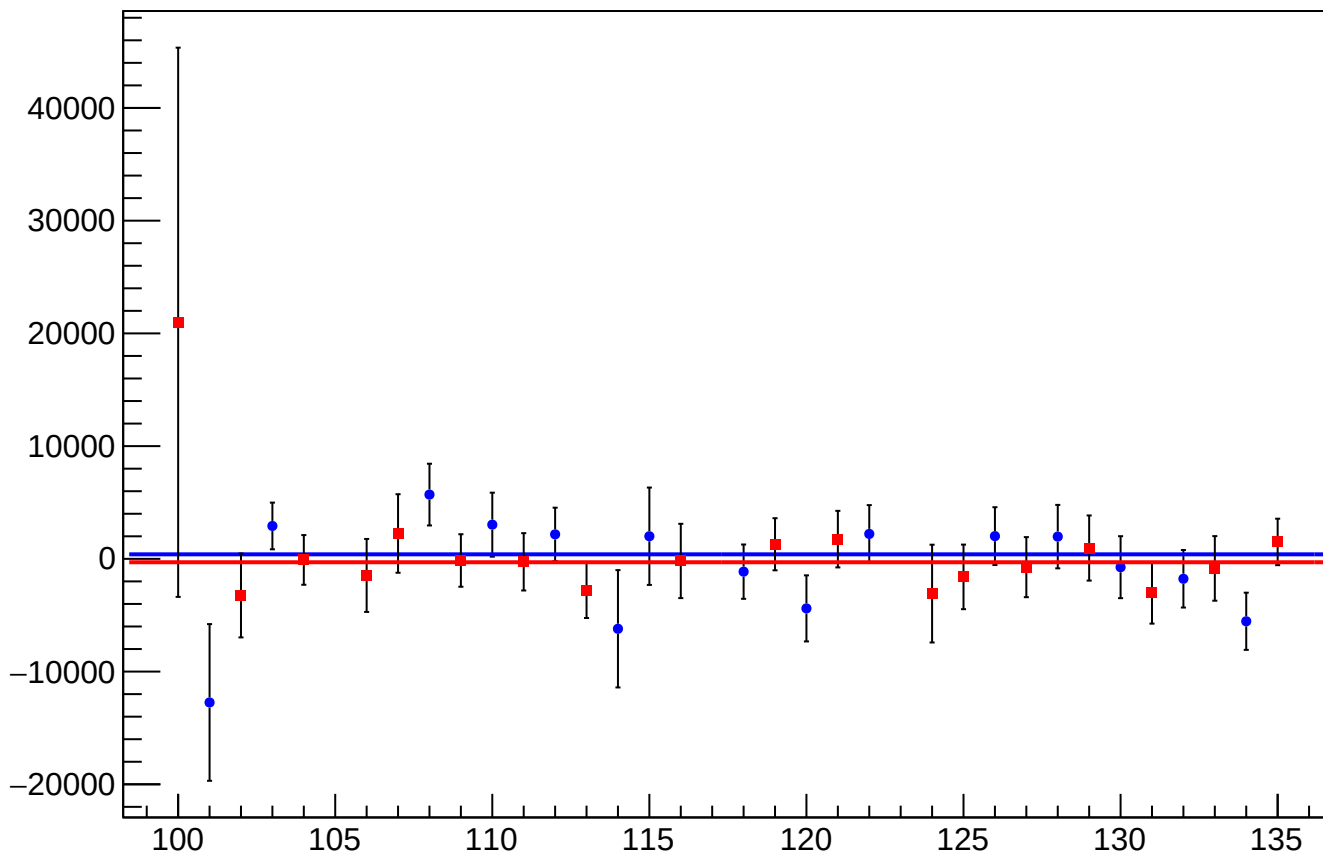
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.174+/-0.190 χ^2/NDF : 1083685.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_mean vs Slug



Right In: 400.354+/-717.567 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -301.405+/-655.526 χ^2/NDF : 6.9/17

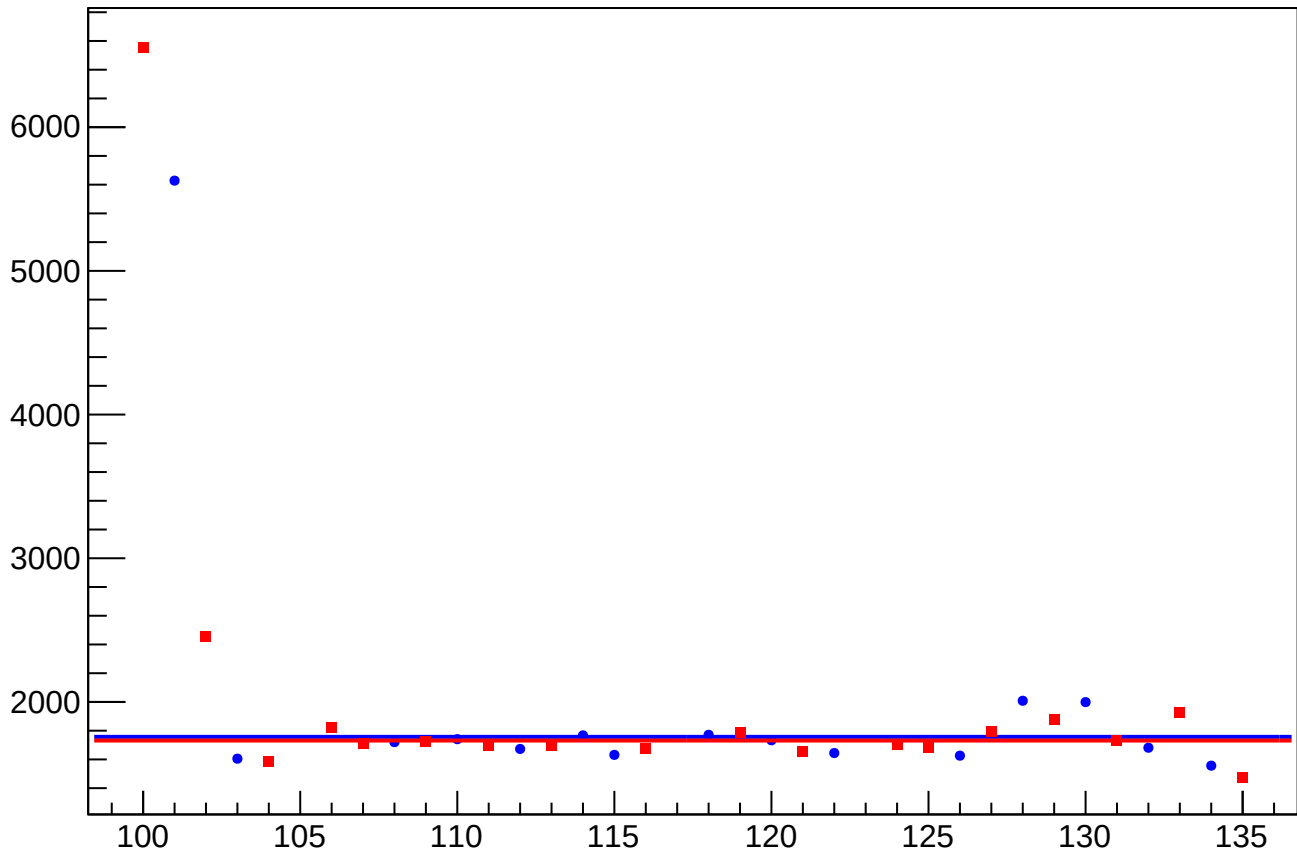
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.832+/-483.977 χ^2/NDF : 30.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_rms vs Slug



Right In: 1757.075+/-0.507 χ^2/NDF : 690683.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1731.439+/-0.464 χ^2/NDF : 216416.7/17

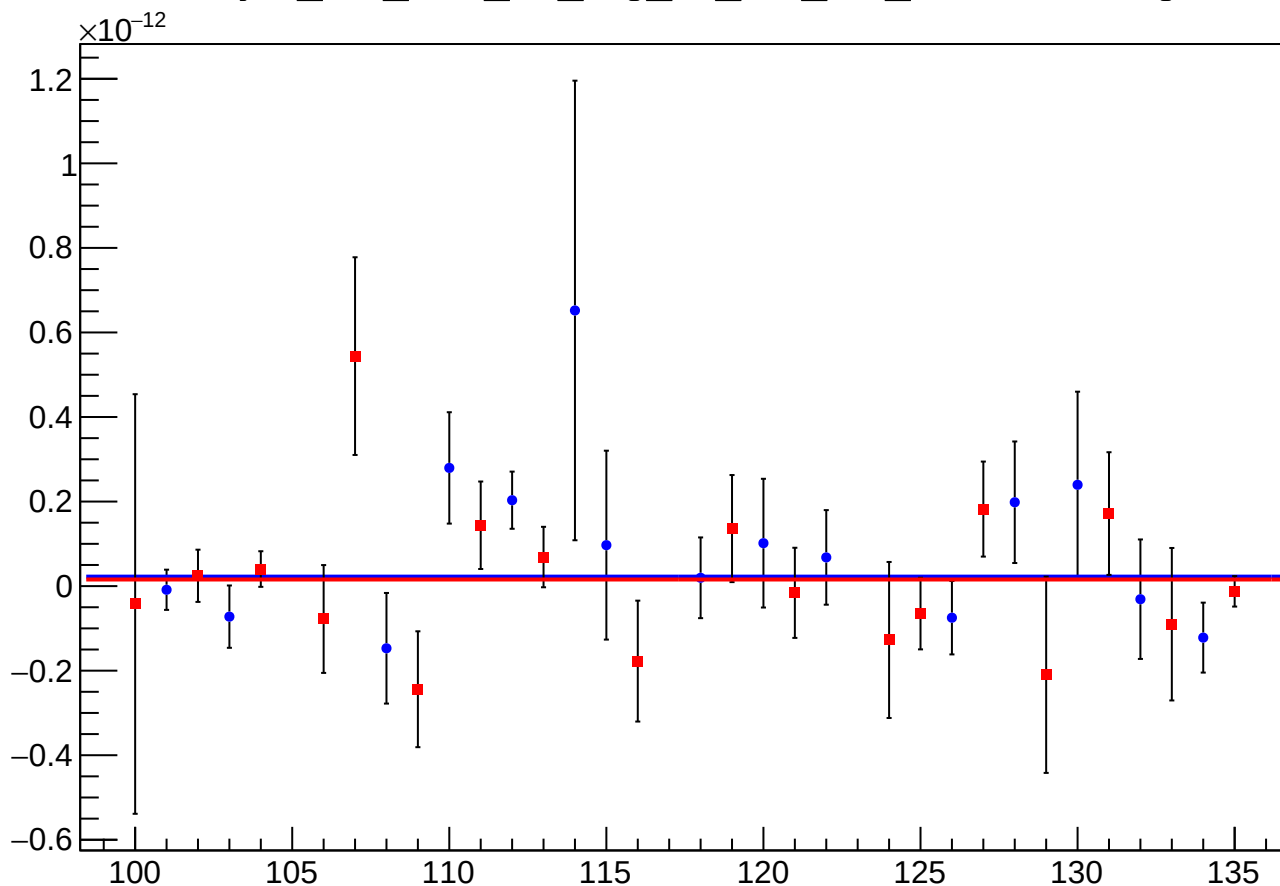
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1743.101+/-0.342 χ^2/NDF : 908492.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.3/17

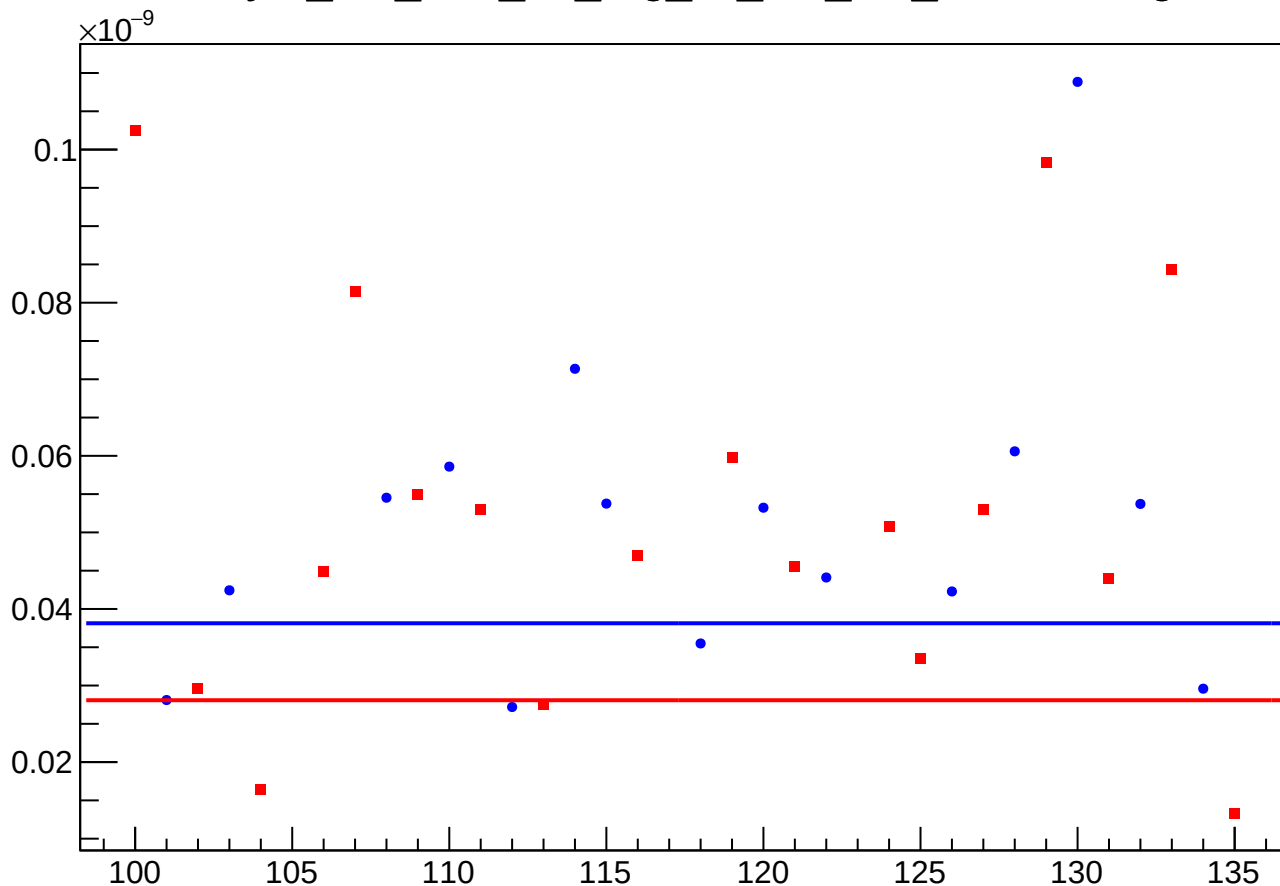
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 44.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 576904.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1623167.8/17

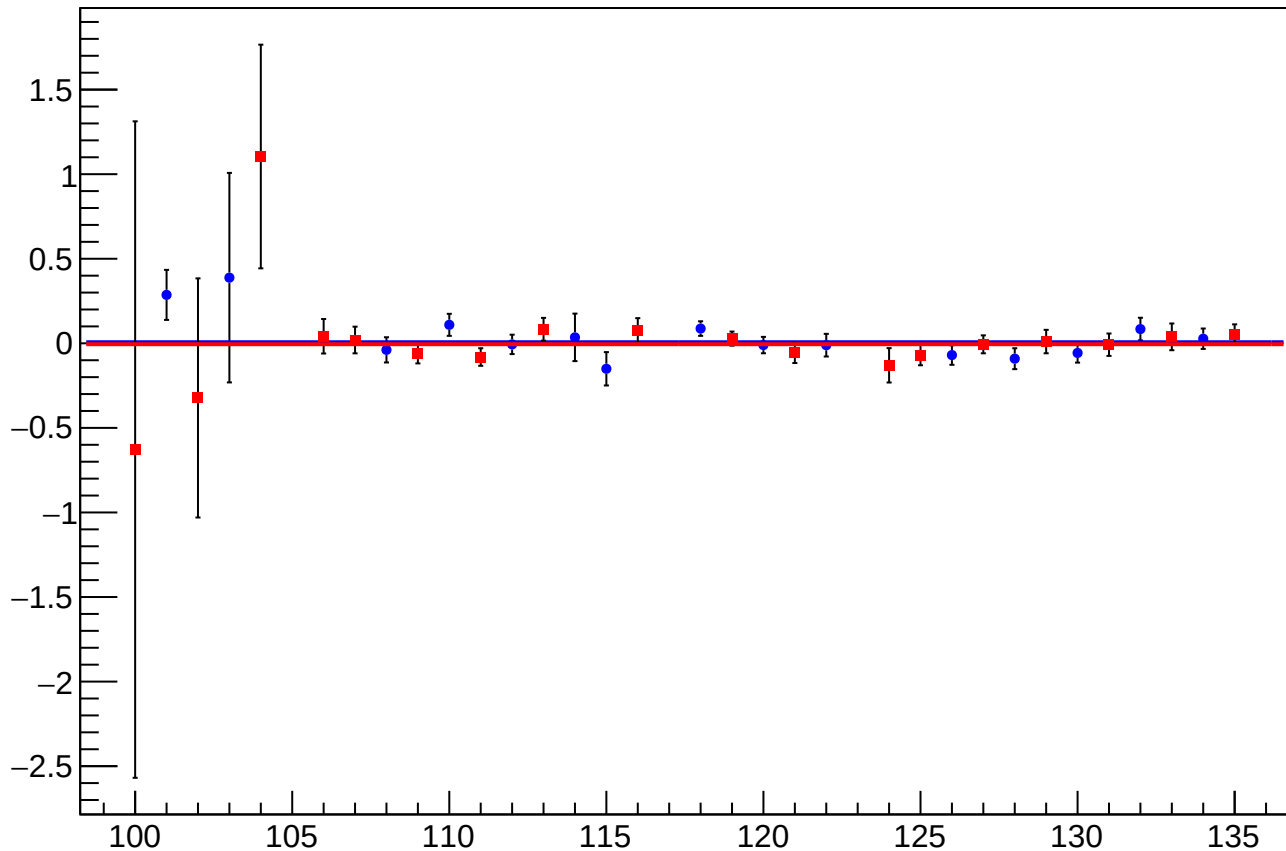
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2400333.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 20.1/14

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

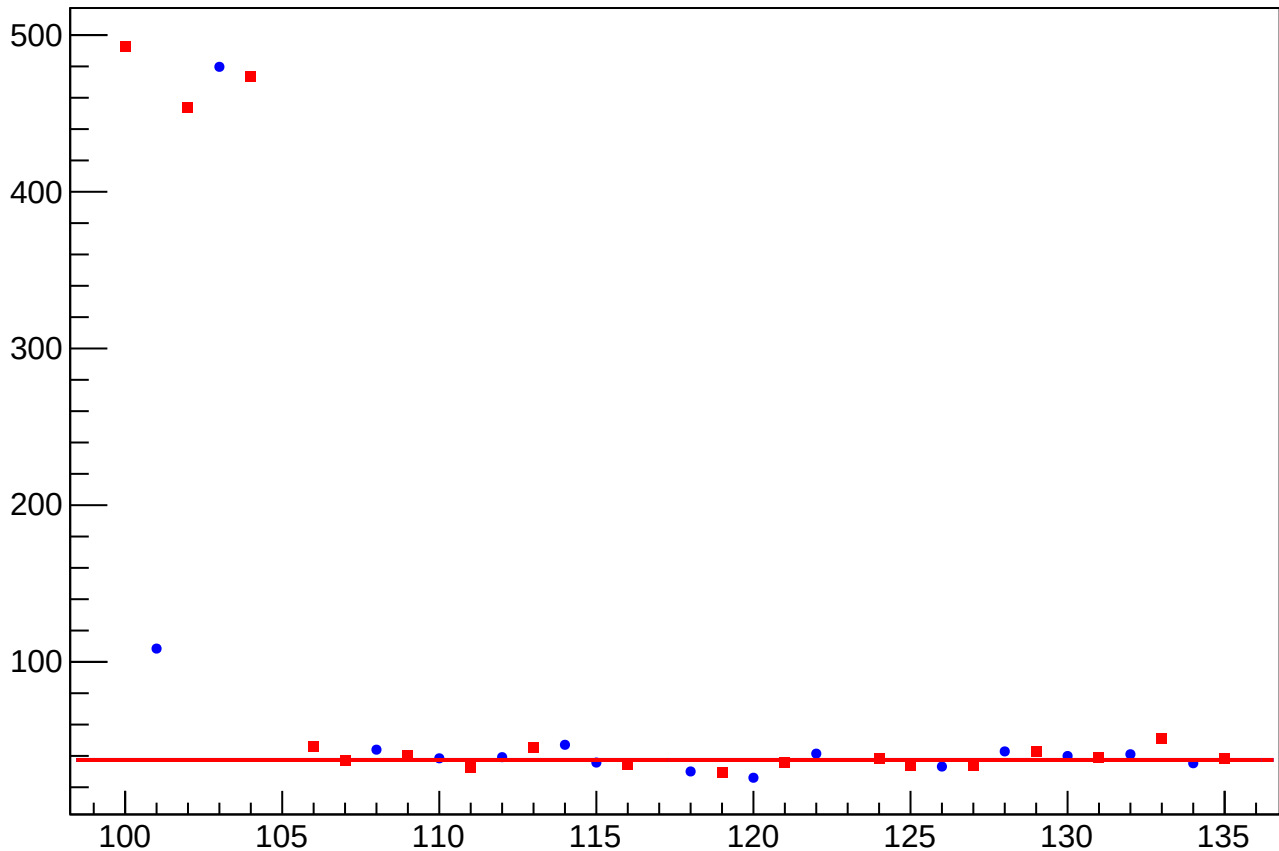
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.012 χ^2 /NDF: 35.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_dit_vs_cor_diff_rms vs Slug



Right In: 37.413+/-0.012 χ^2/NDF : 1723196.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.400+/-0.011 χ^2/NDF : 1900406.3/17

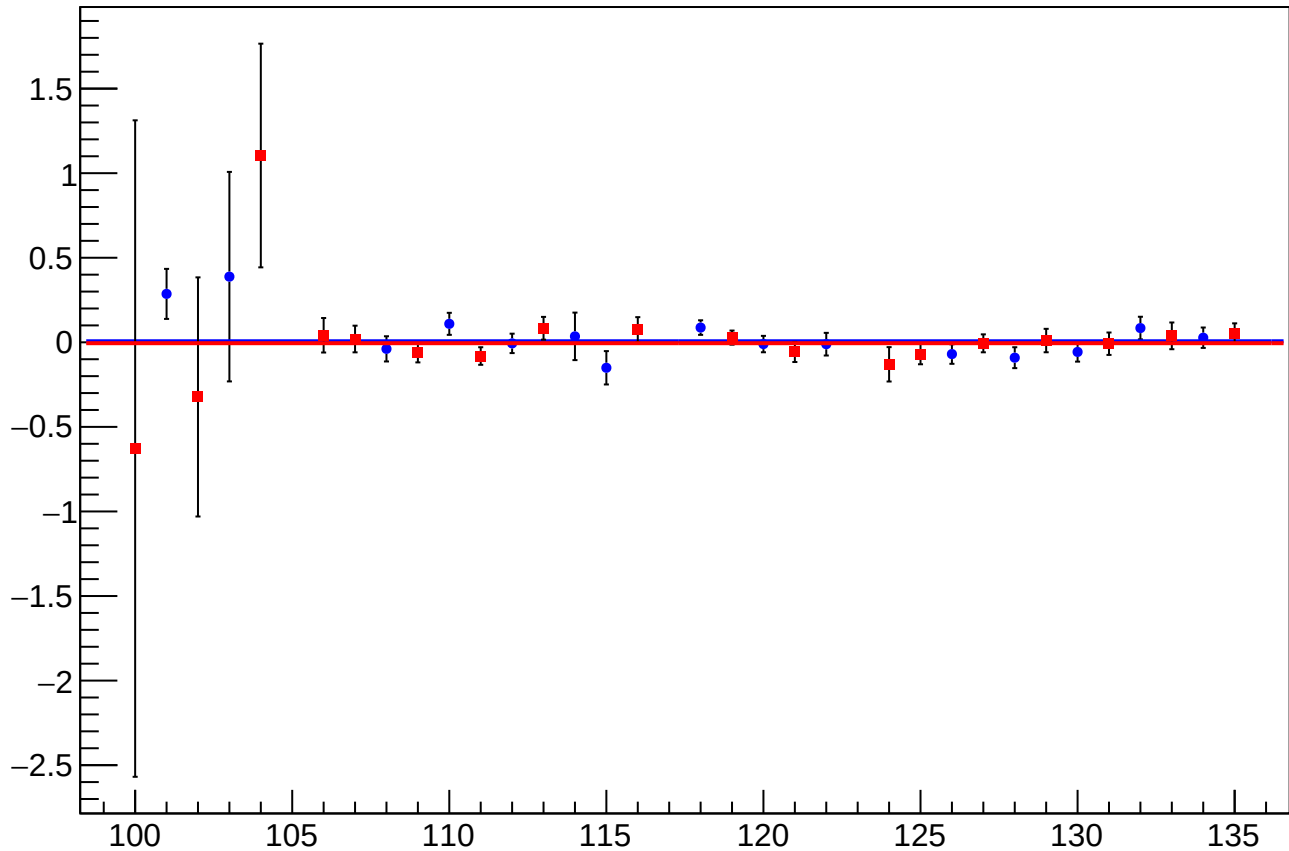
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.406+/-0.008 χ^2/NDF : 3623603.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.016 χ^2/NDF : 14.9/17

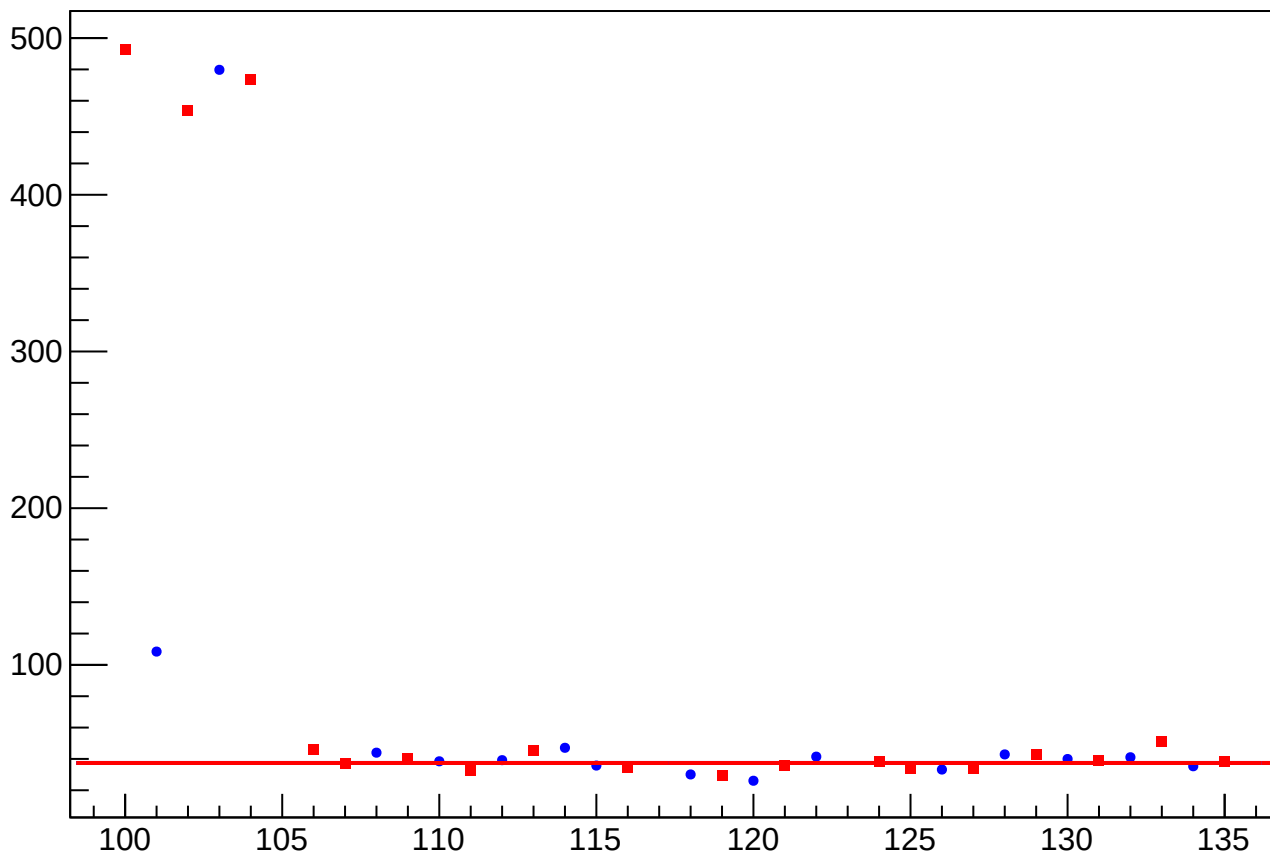
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.012 χ^2/NDF : 35.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.413+/-0.012 χ^2/NDF : 1723196.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.400+/-0.011 χ^2/NDF : 1900406.3/17

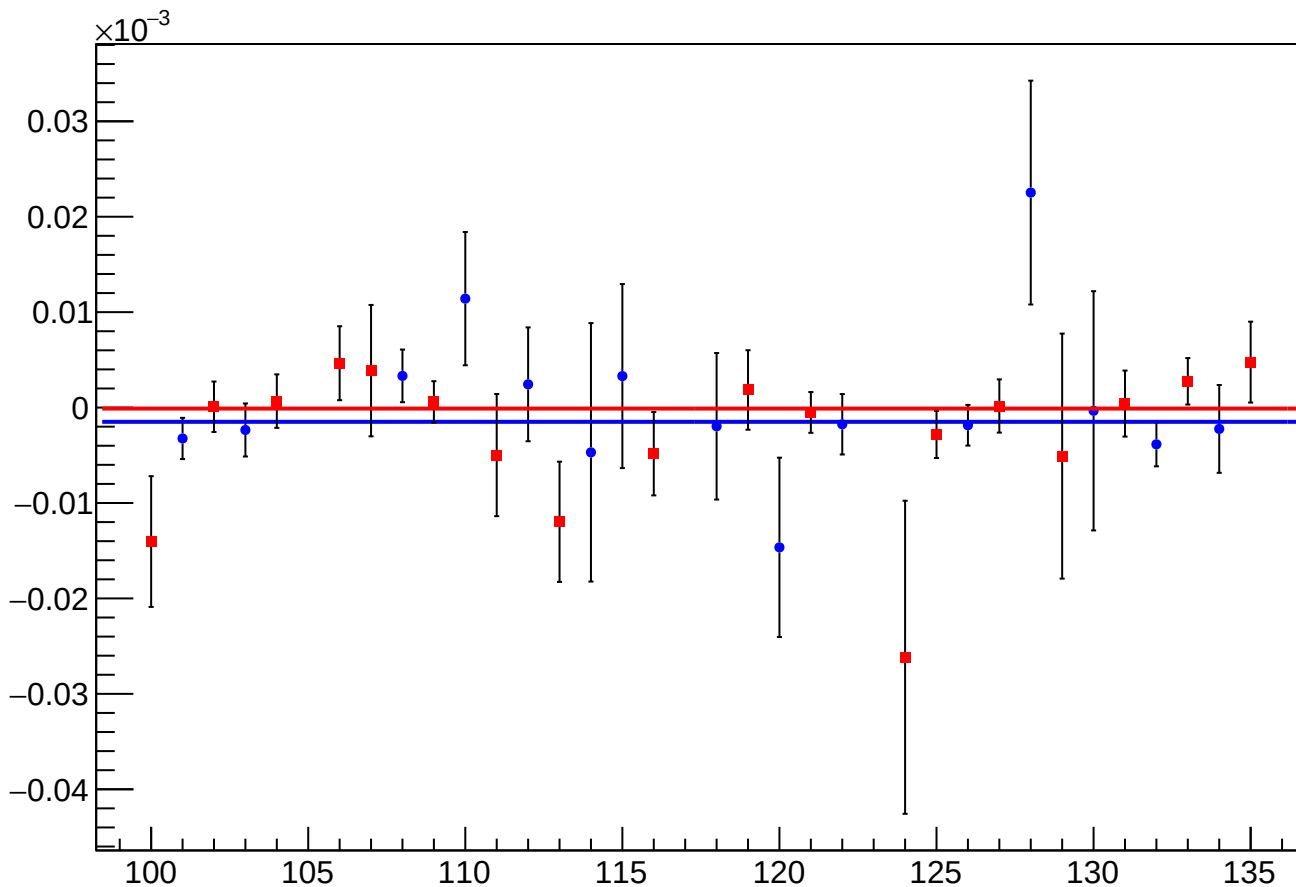
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.406+/-0.008 χ^2/NDF : 3623603.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.3/17

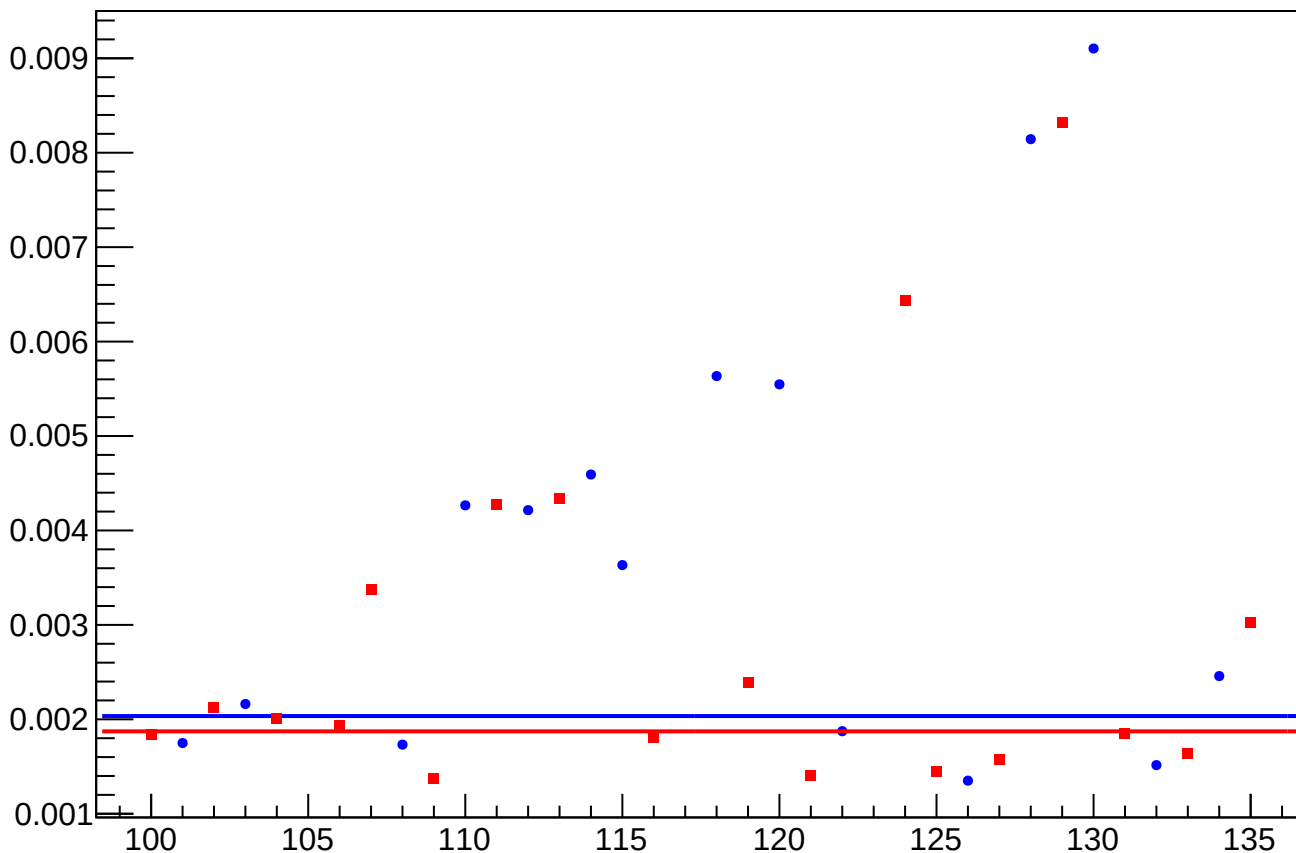
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2887950.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1849417.5/17

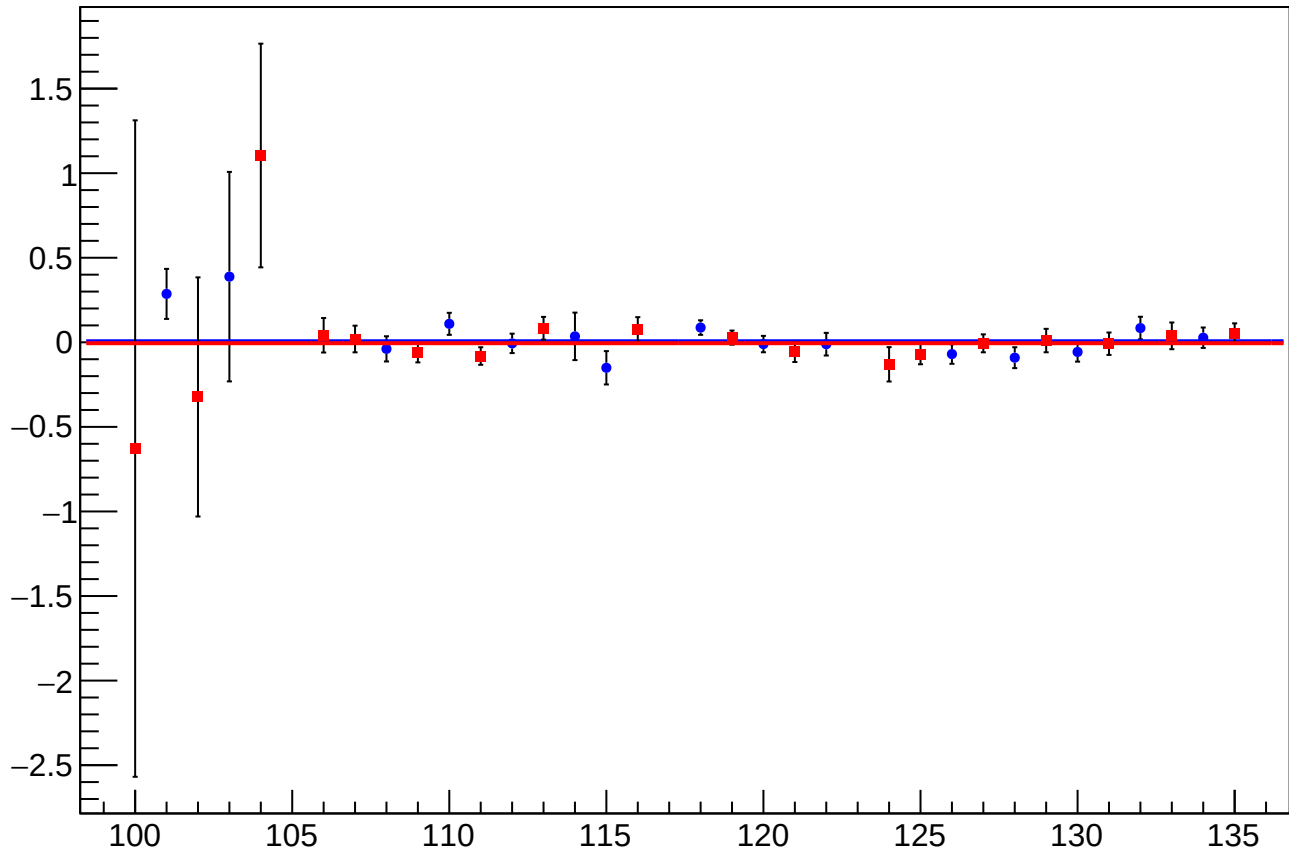
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4772113.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.006+/-0.017 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.005+/-0.016 χ^2/NDF : 14.9/17

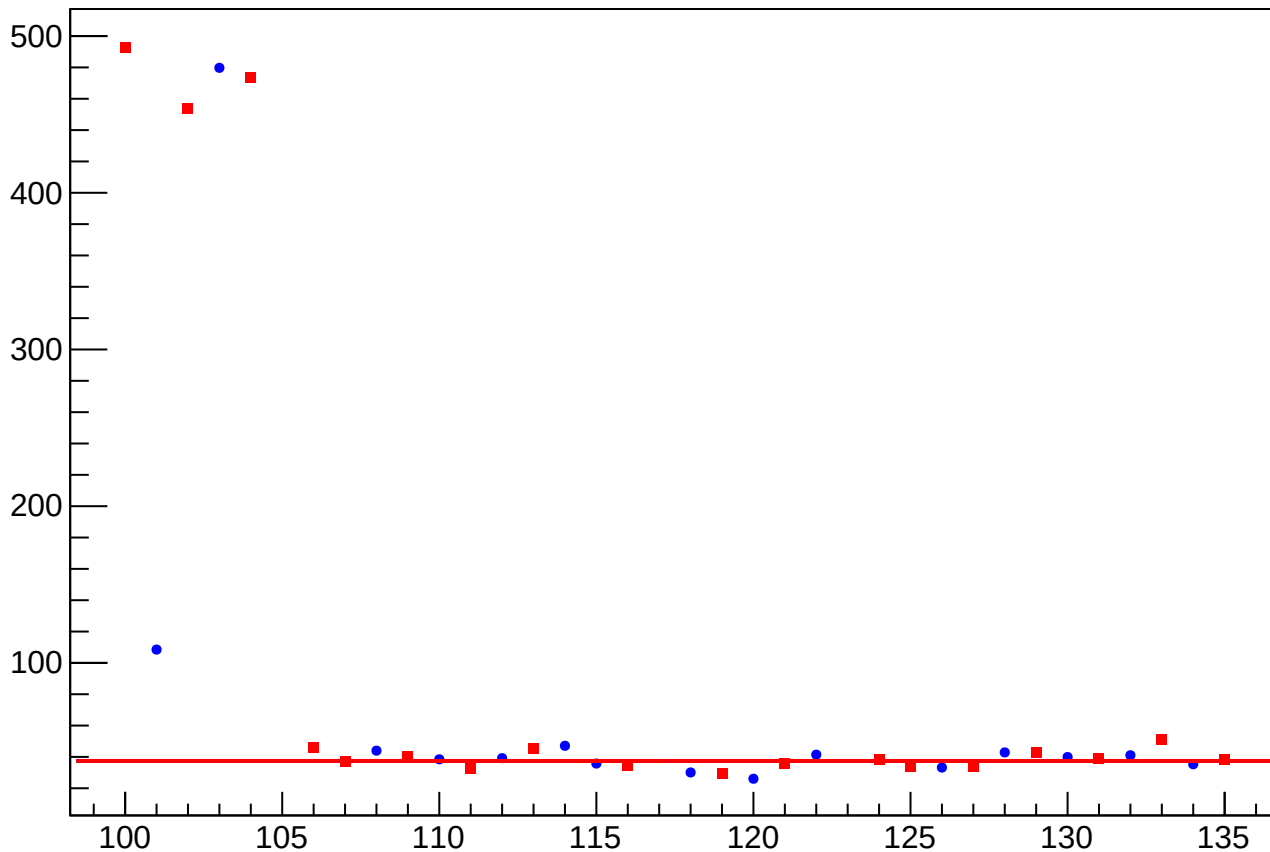
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.012 χ^2/NDF : 35.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 37.413+/-0.012 χ^2/NDF : 1723201.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.398+/-0.011 χ^2/NDF : 1900474.8/17

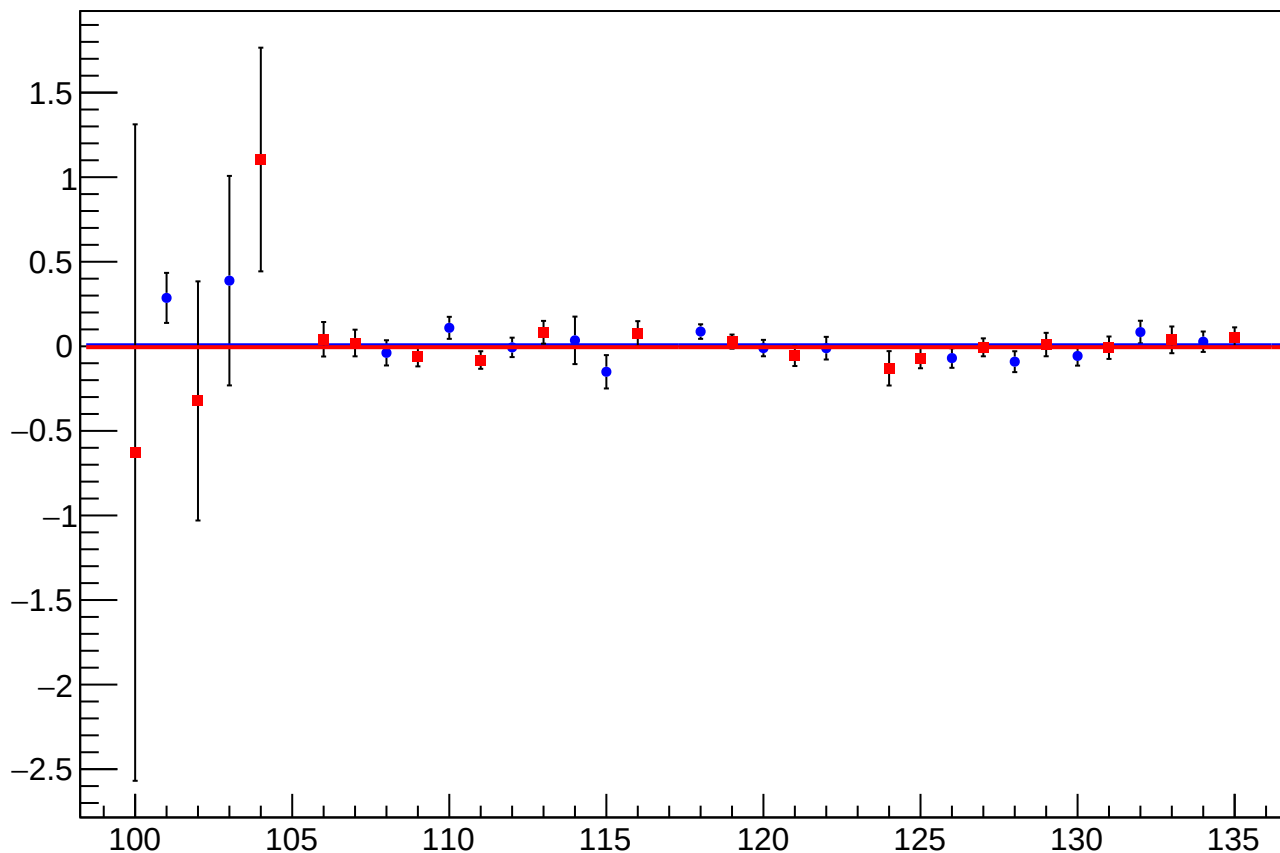
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.405+/-0.008 χ^2/NDF : 3623677.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.017 χ^2 /NDF: 20.1/14

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

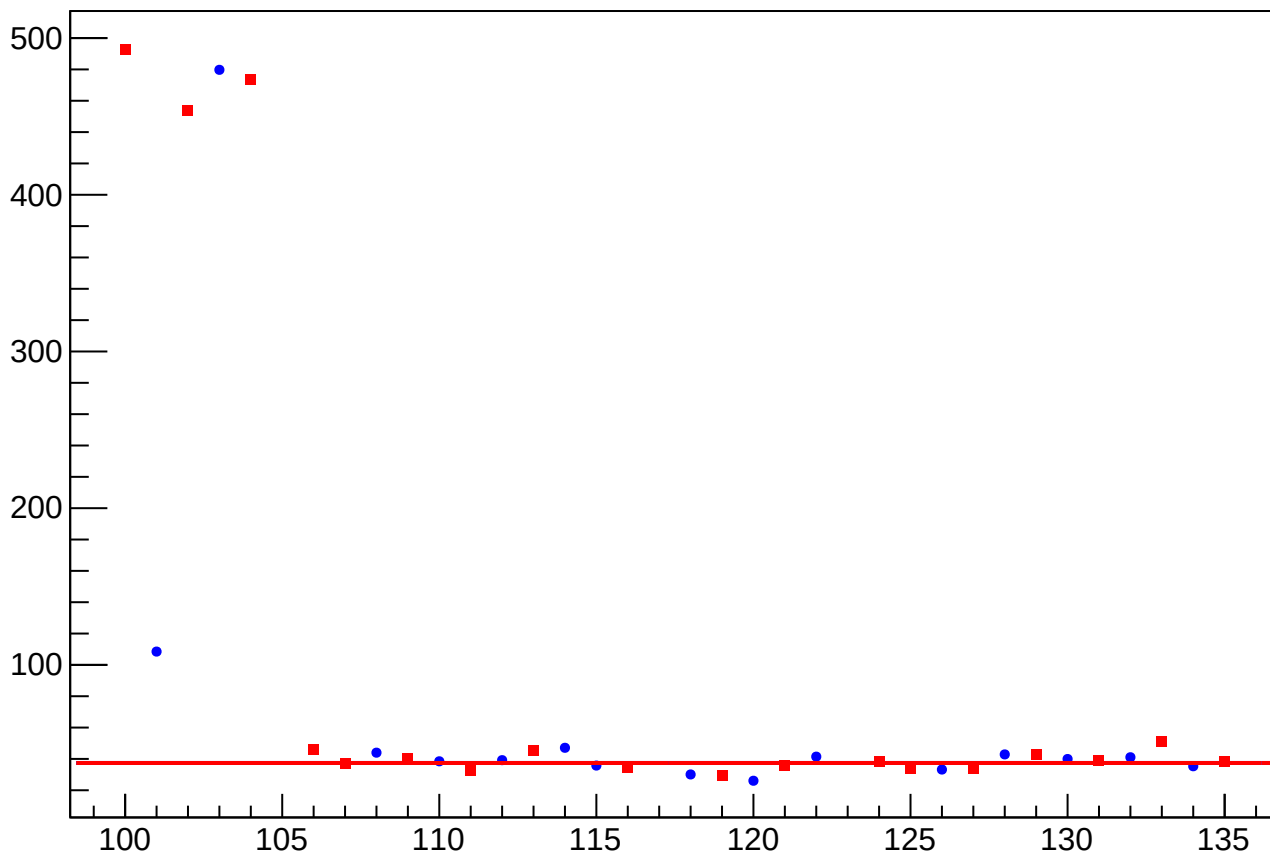
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.012 χ^2 /NDF: 35.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 37.413+/-0.012 χ^2/NDF : 1723201.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.398+/-0.011 χ^2/NDF : 1900474.8/17

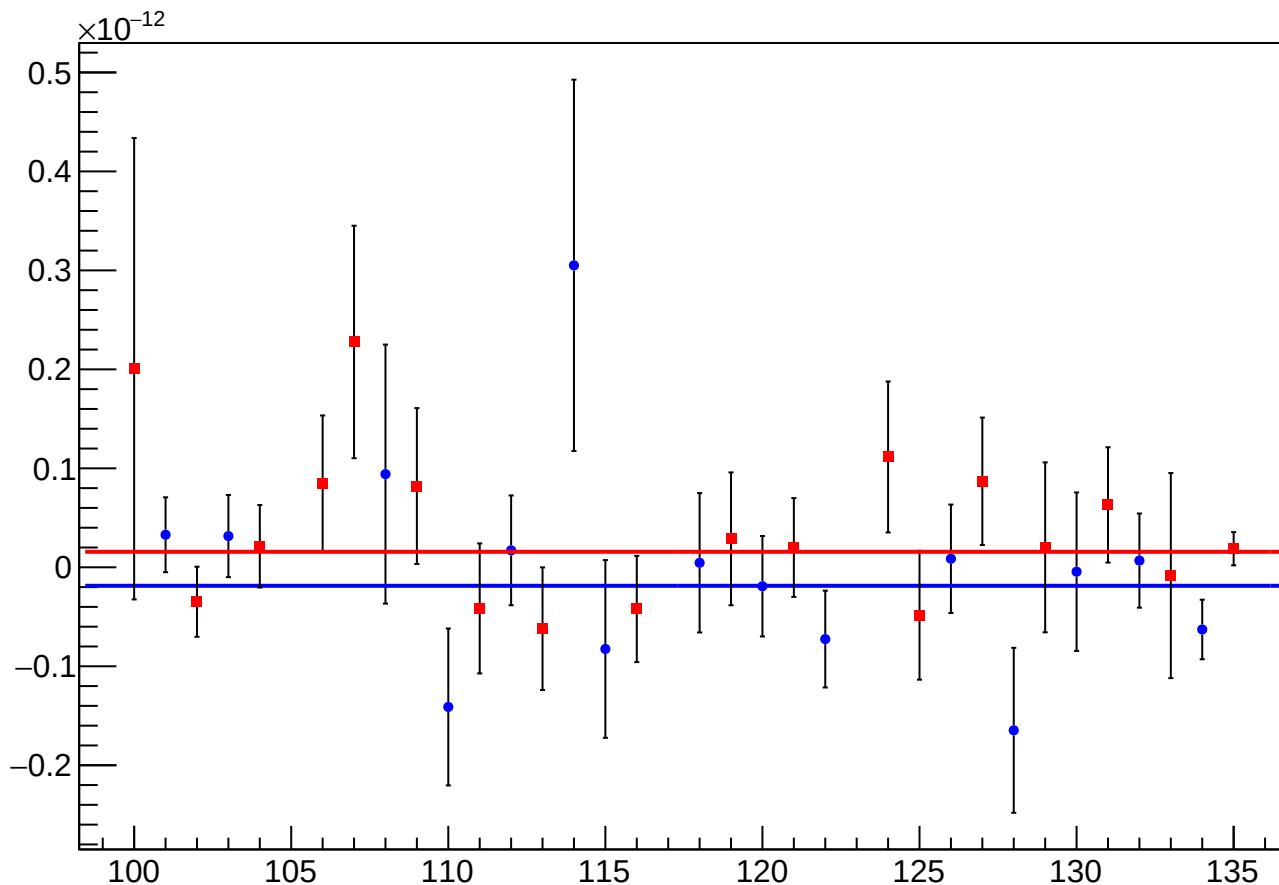
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.405+/-0.008 χ^2/NDF : 3623677.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 17.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 15.7/17

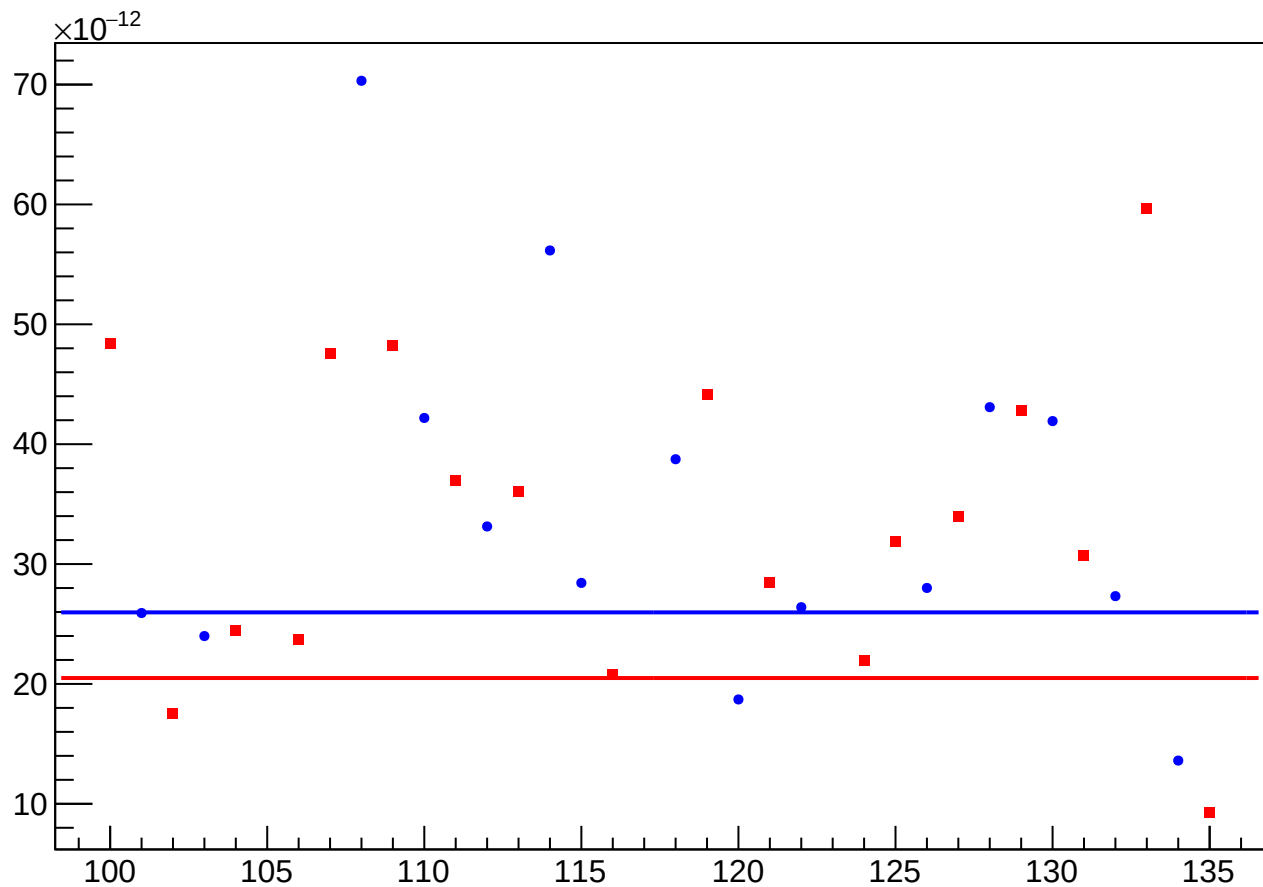
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 36.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr1_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1017347.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2496058.4/17

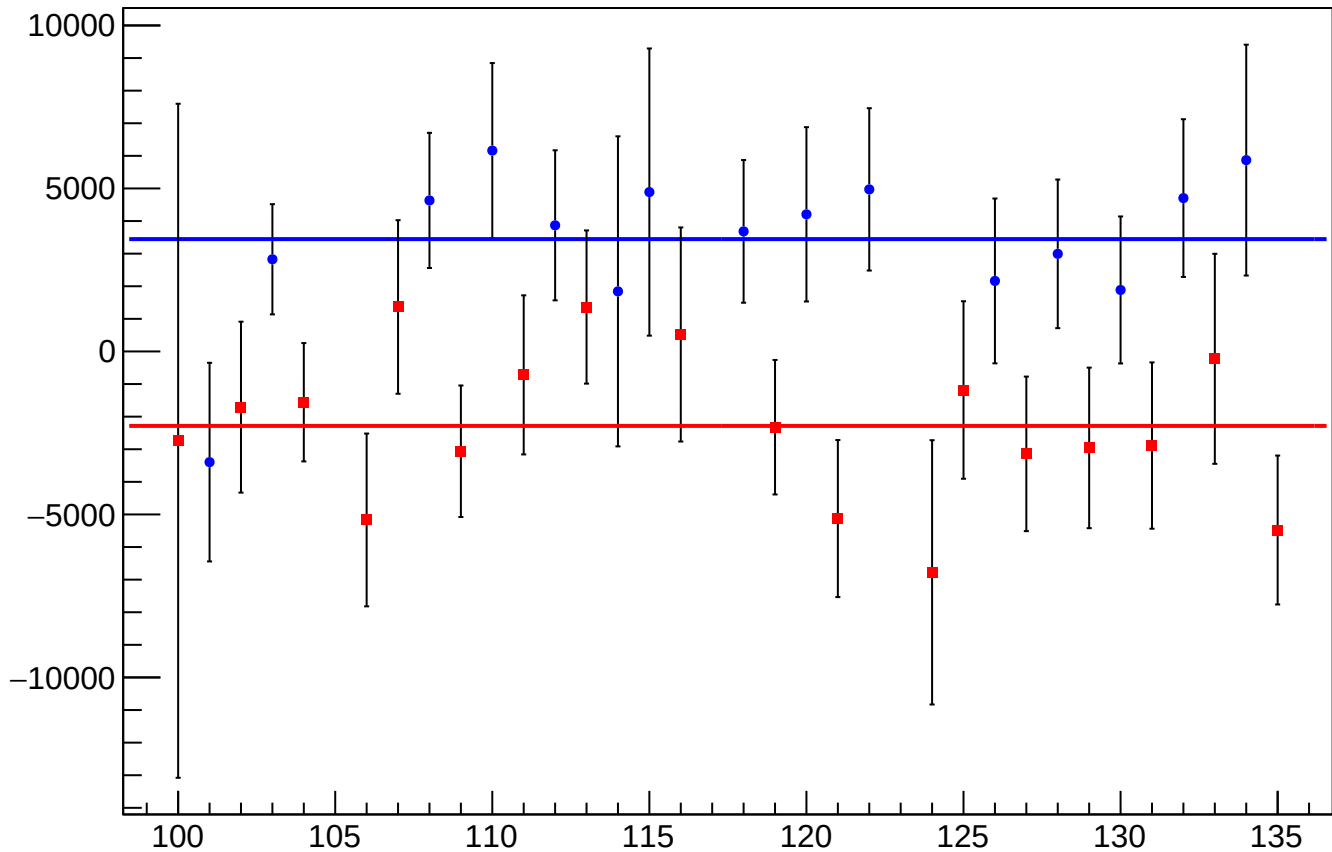
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3701779.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_mean vs Slug



Right In: 3445.355+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2283.432+/-595.801 χ^2/NDF : 12.4/17

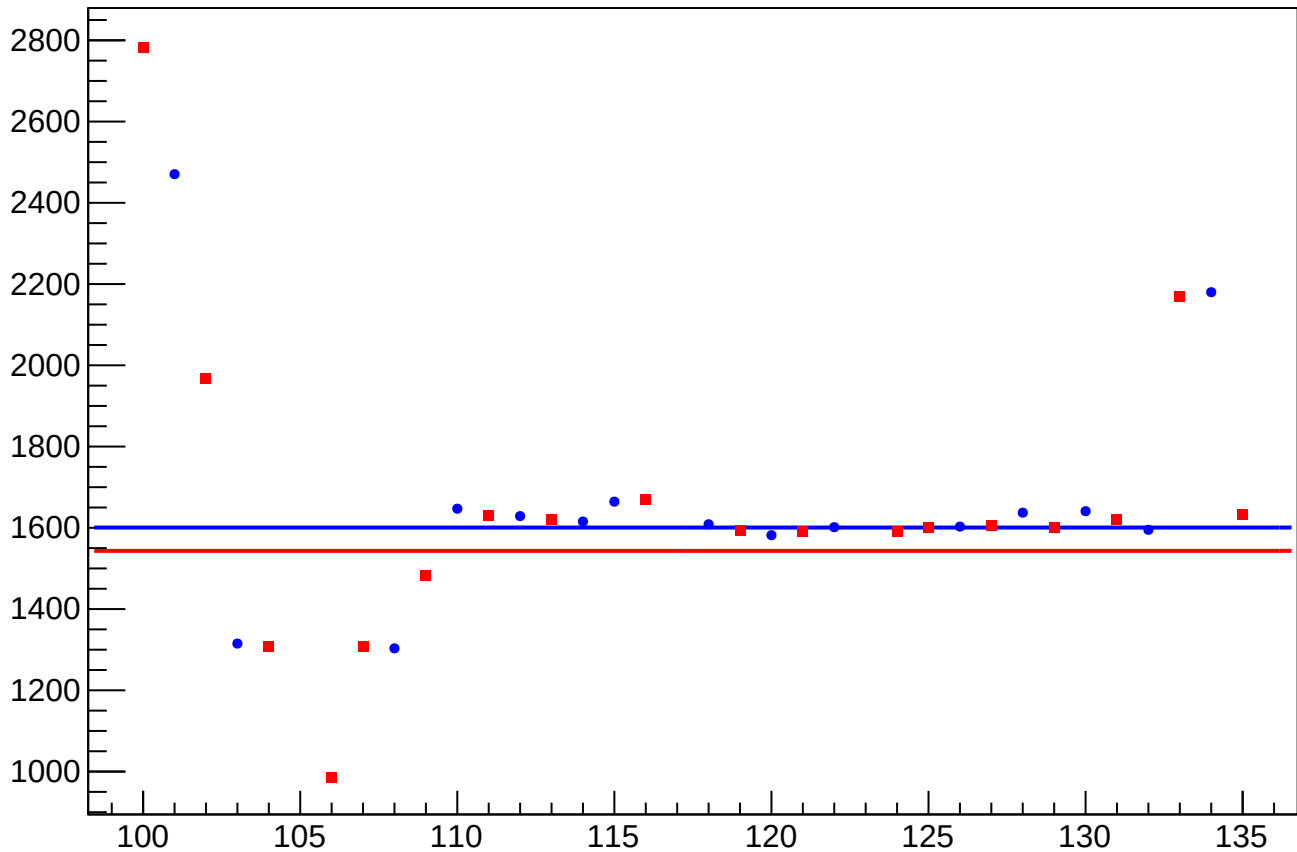
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.678+/-436.982 χ^2/NDF : 63.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.675+/-0.455 χ^2/NDF : 317412.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

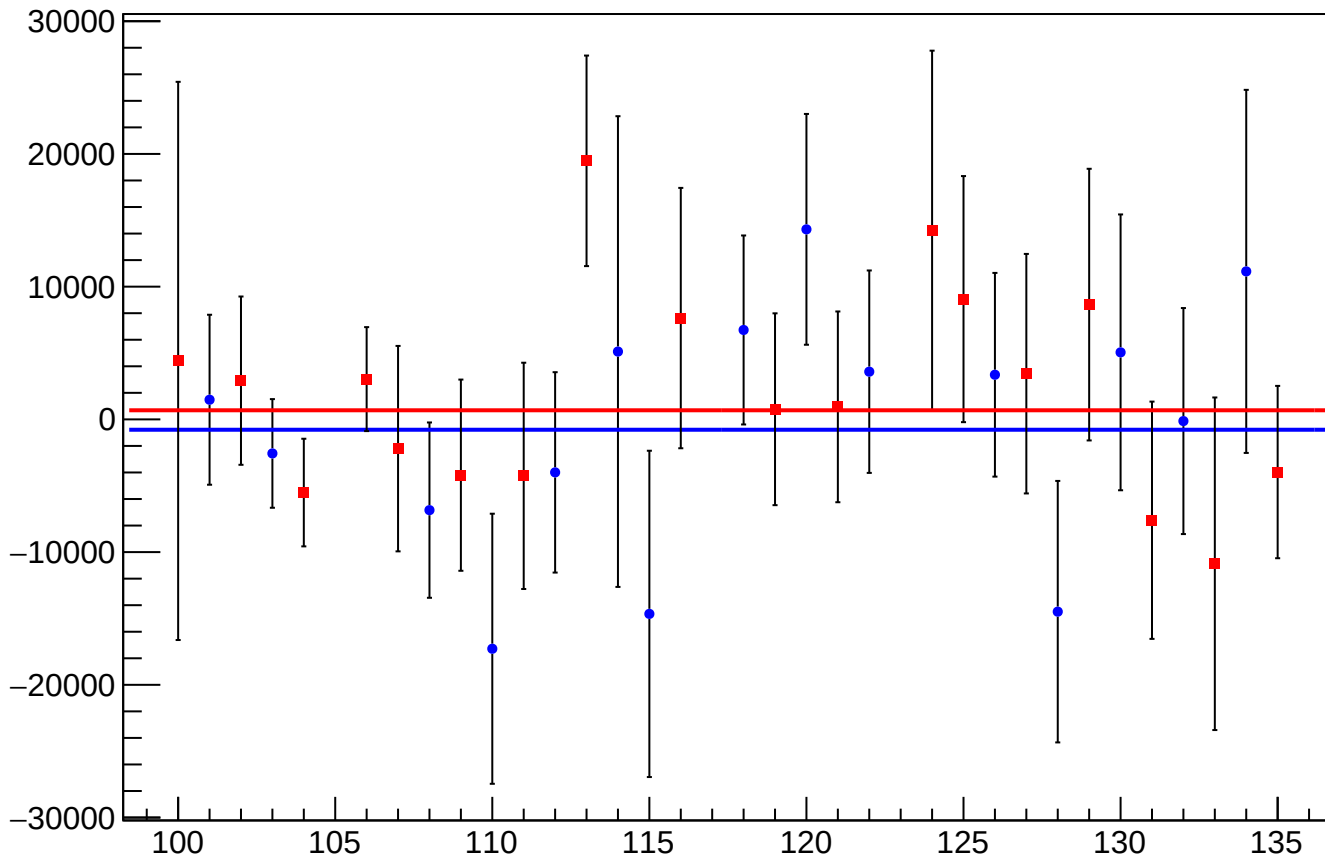
Right Out: 1543.282+/-0.414 χ^2/NDF : 375611.8/17

All: 1569.309+/-0.306 χ^2/NDF : 701736.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_mean vs Slug



Right In: -780.839+/-2000.665 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 685.404+/-1692.244 χ^2/NDF : 14.6/17

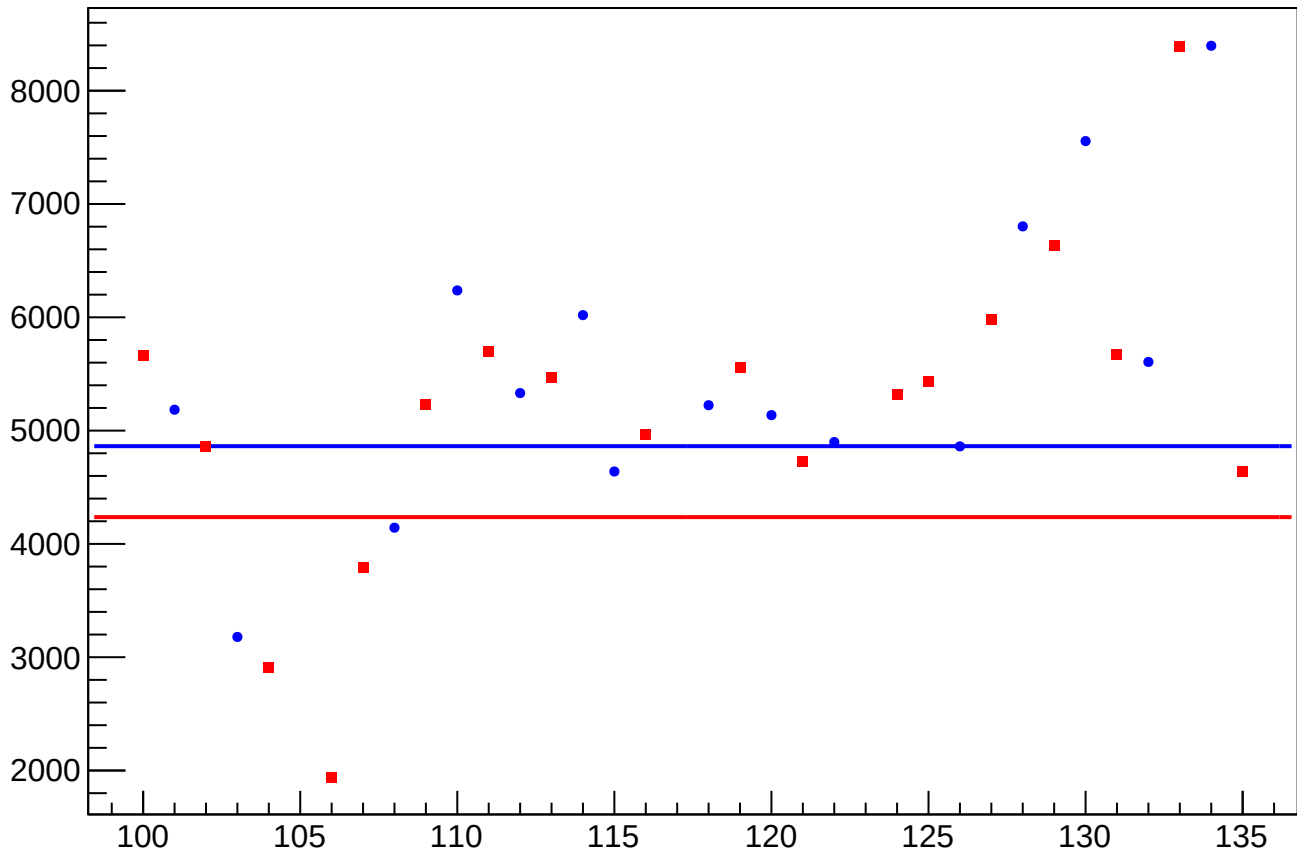
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 73.891+/-1292.035 χ^2/NDF : 28.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_correction_rms vs Slug



Right In: 4862.608+/-1.415 χ^2/NDF : 788444.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

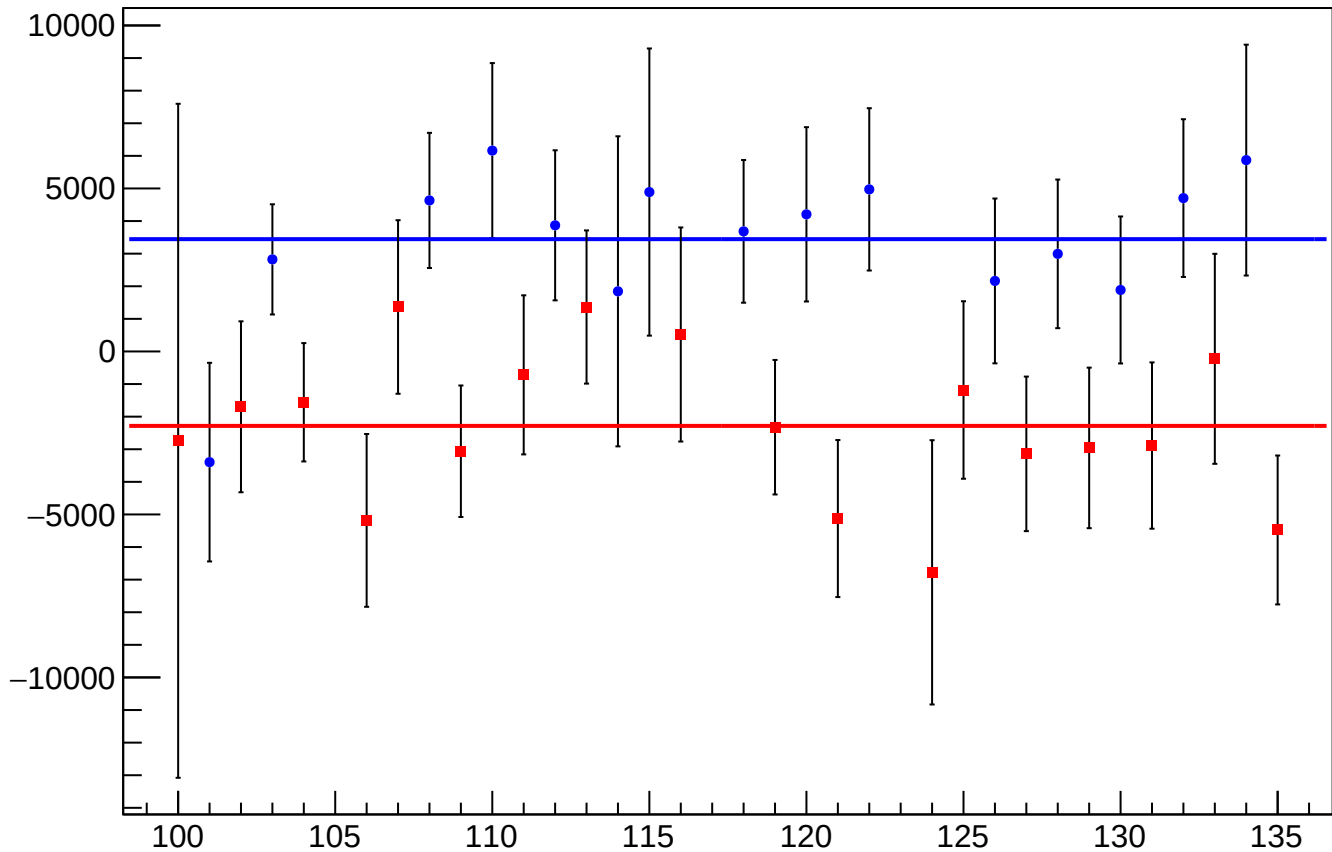
Right Out: 4236.429+/-1.197 χ^2/NDF : 1681011.9/17

All: 4497.584+/-0.914 χ^2/NDF : 2583665.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2283.420+/-595.804 χ^2/NDF : 12.4/17

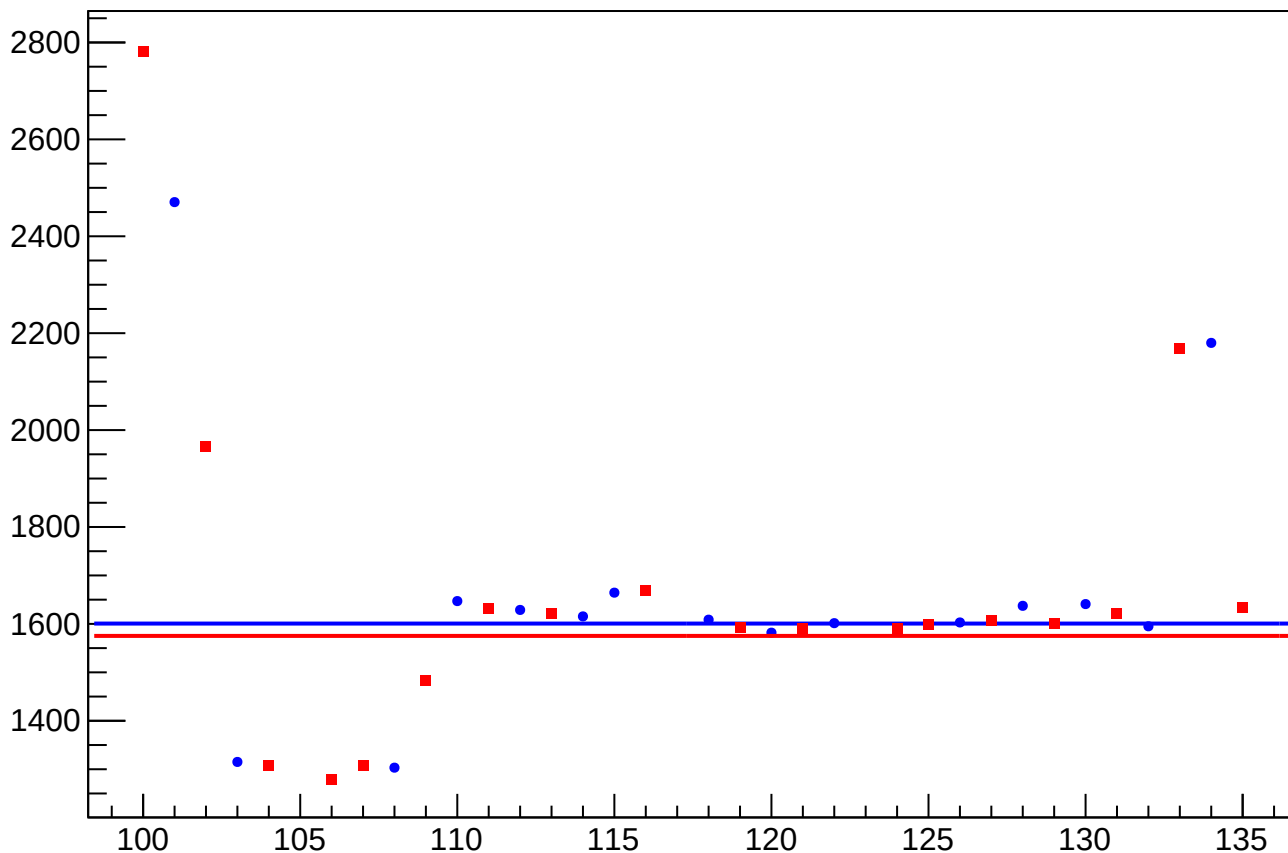
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.518+/-436.983 χ^2/NDF : 63.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.197+/-0.420 χ^2/NDF : 243228.3/17

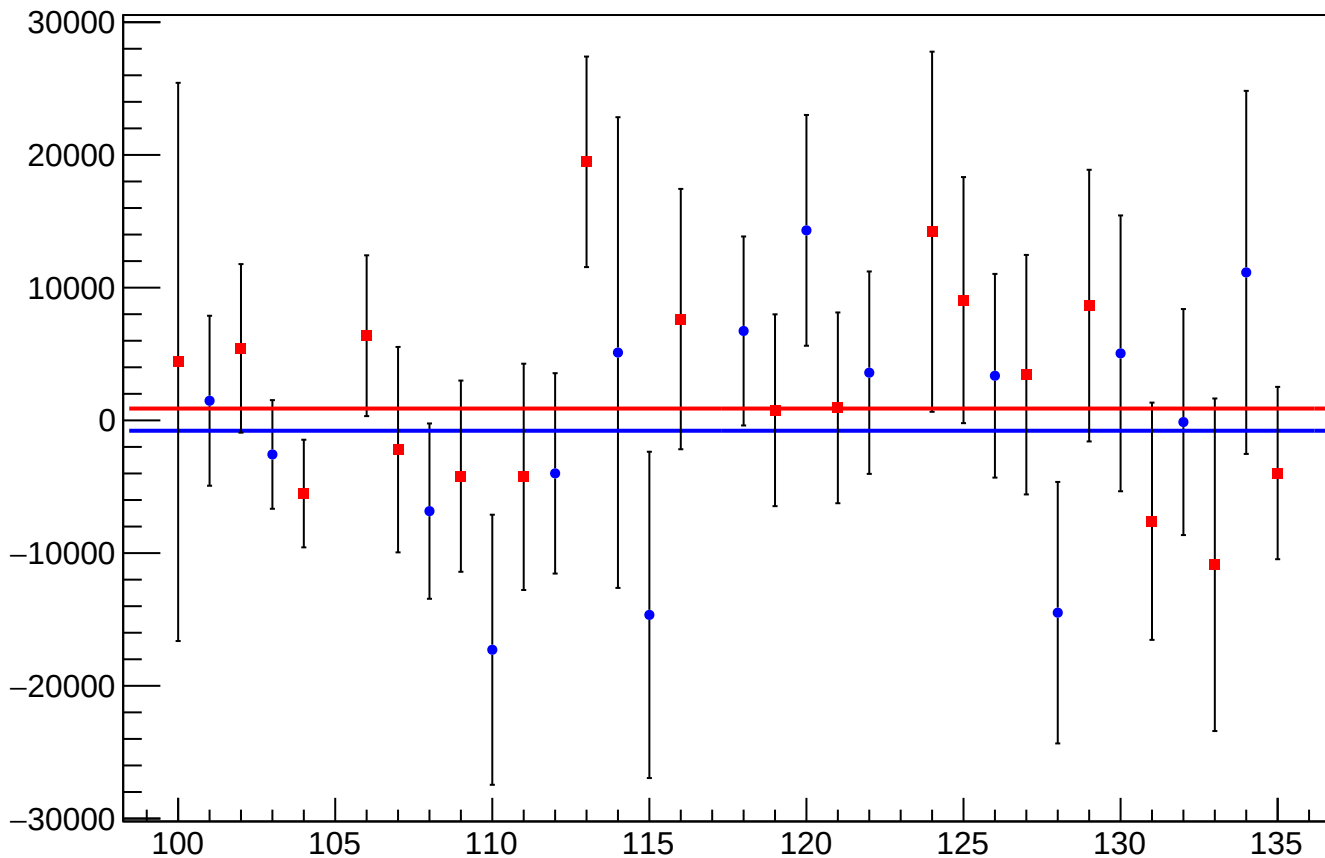
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.919+/-0.308 χ^2/NDF : 562336.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_mean vs Slug



Right In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.706+/-1792.616 χ^2/NDF : 15.6/17

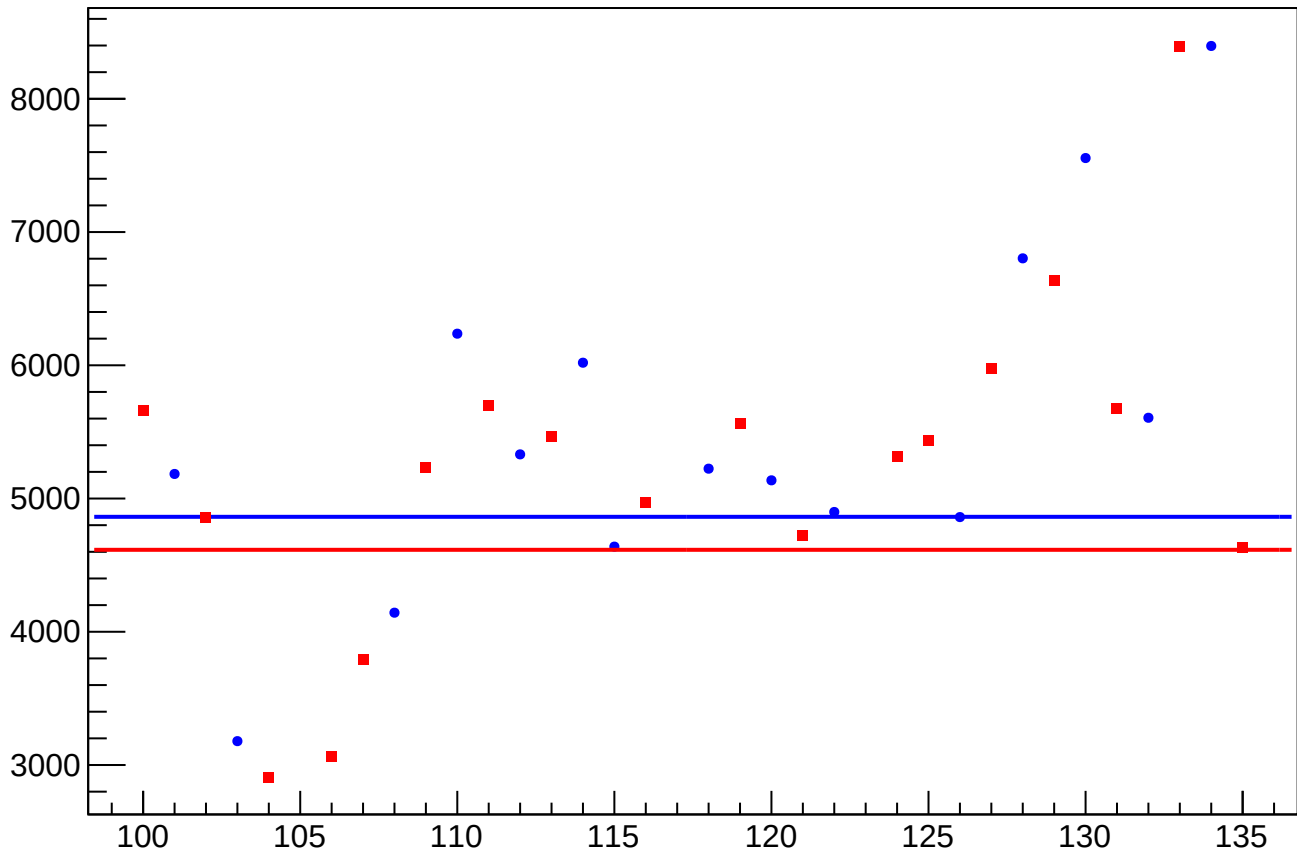
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.798+/-1335.101 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_cor_correction_rms vs Slug



Right In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

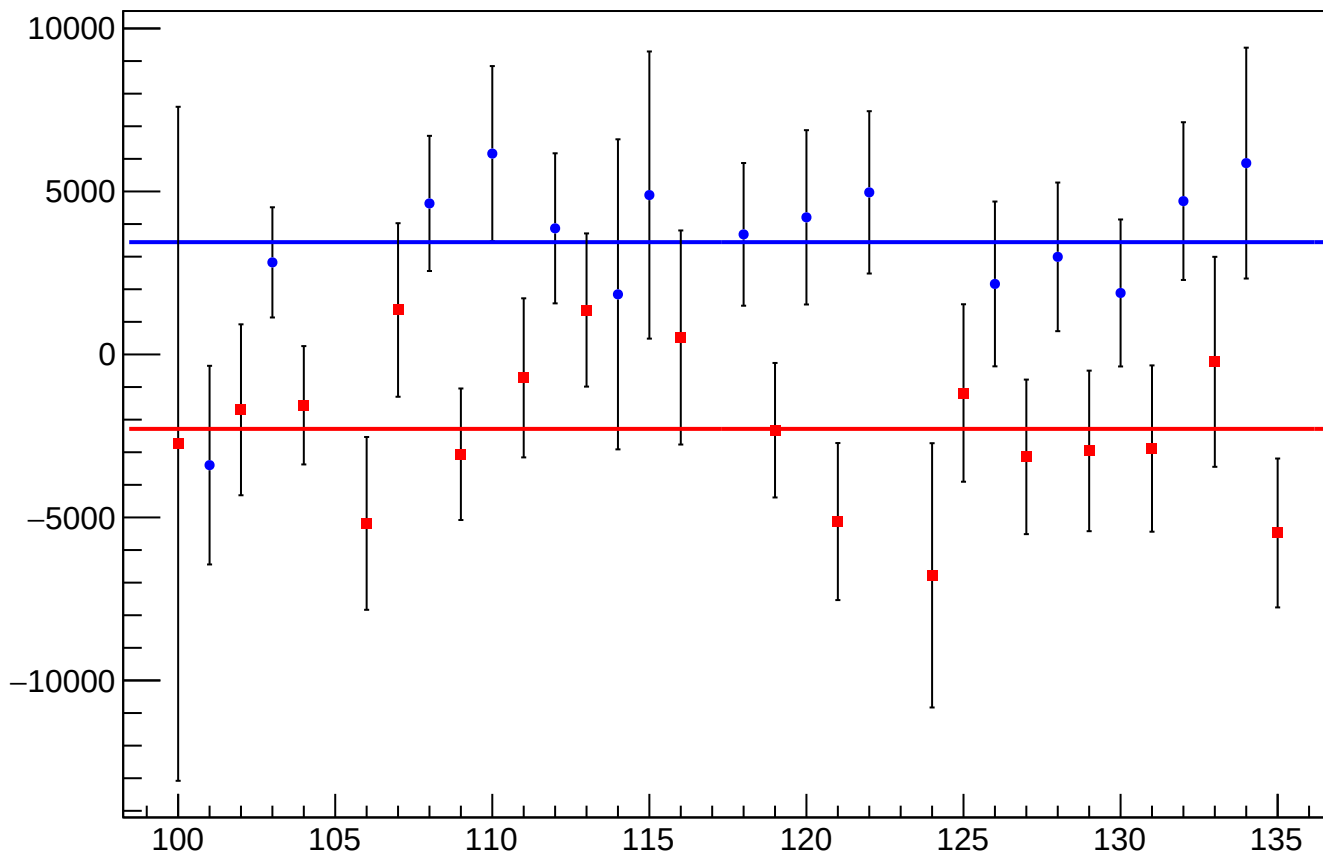
Right Out: 4615.085+/-1.268 χ^2/NDF : 977926.7/17

All: 4725.382+/-0.944 χ^2/NDF : 1783168.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_mean vs Slug



Right In: 3444.965+/-642.849 χ^2/NDF : 8.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2283.420+/-595.804 χ^2/NDF : 12.4/17

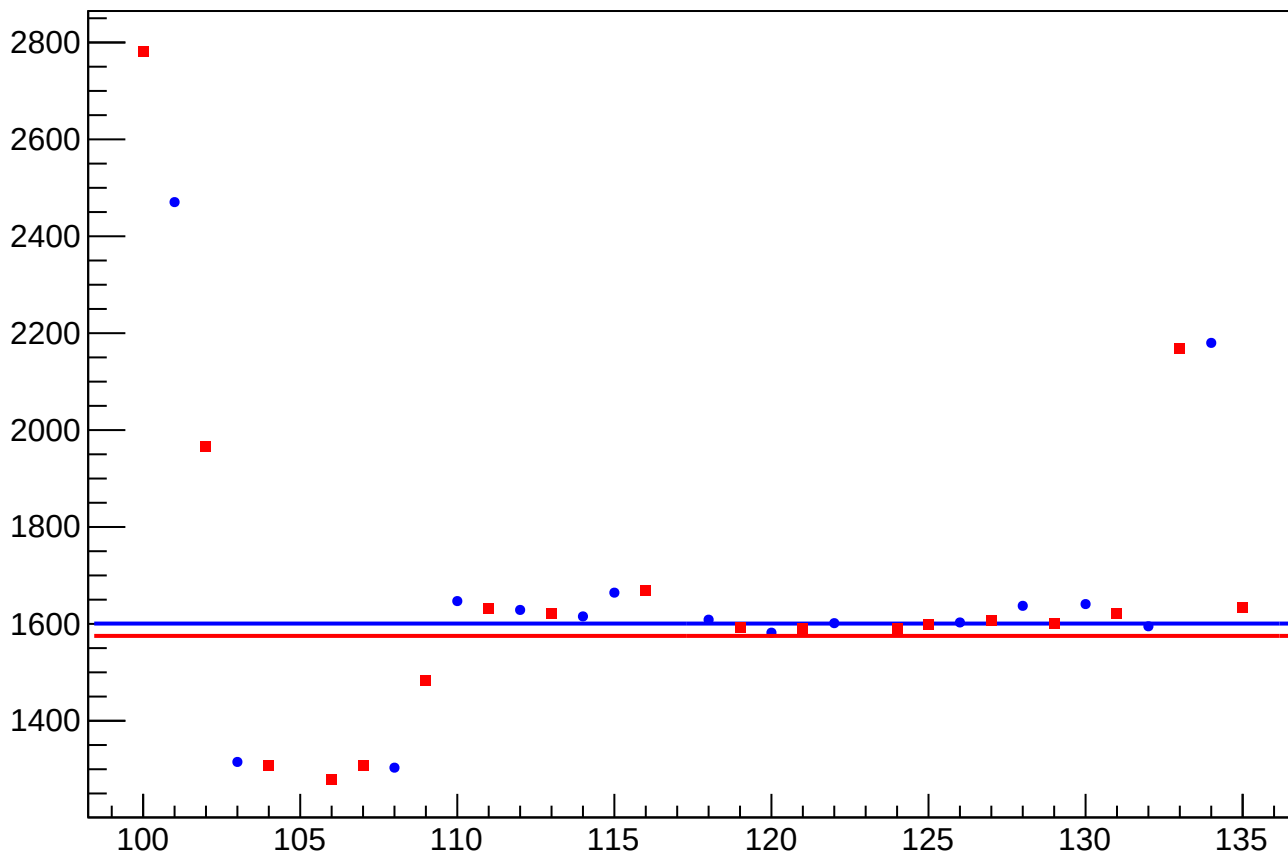
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 363.518+/-436.983 χ^2/NDF : 63.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_avg_rms vs Slug



Right In: 1600.675+/-0.455 χ^2/NDF : 317411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1575.197+/-0.420 χ^2/NDF : 243228.3/17

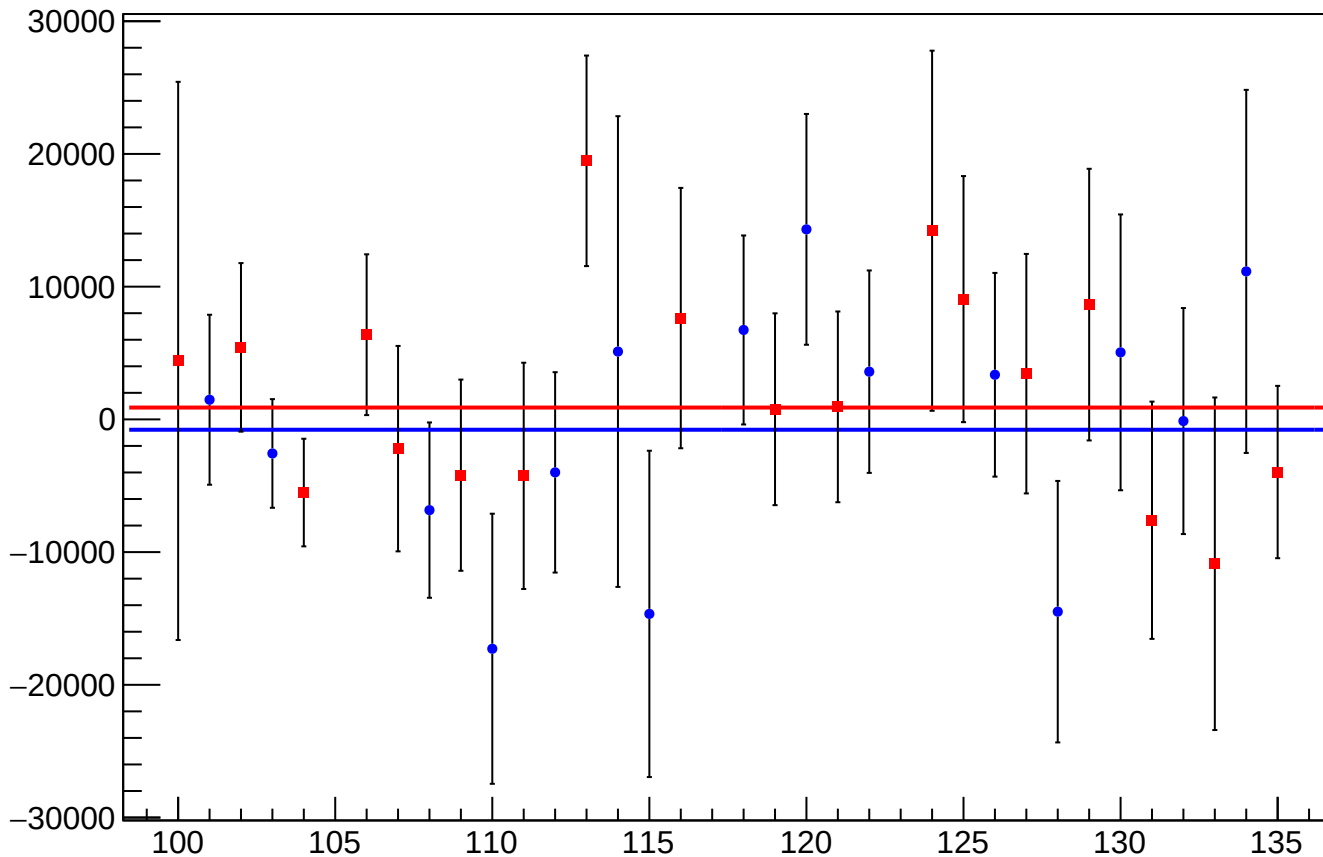
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1586.919+/-0.308 χ^2/NDF : 562336.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_mean vs Slug



Right In: -781.095+/-2000.714 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 891.706+/-1792.616 χ^2/NDF : 15.6/17

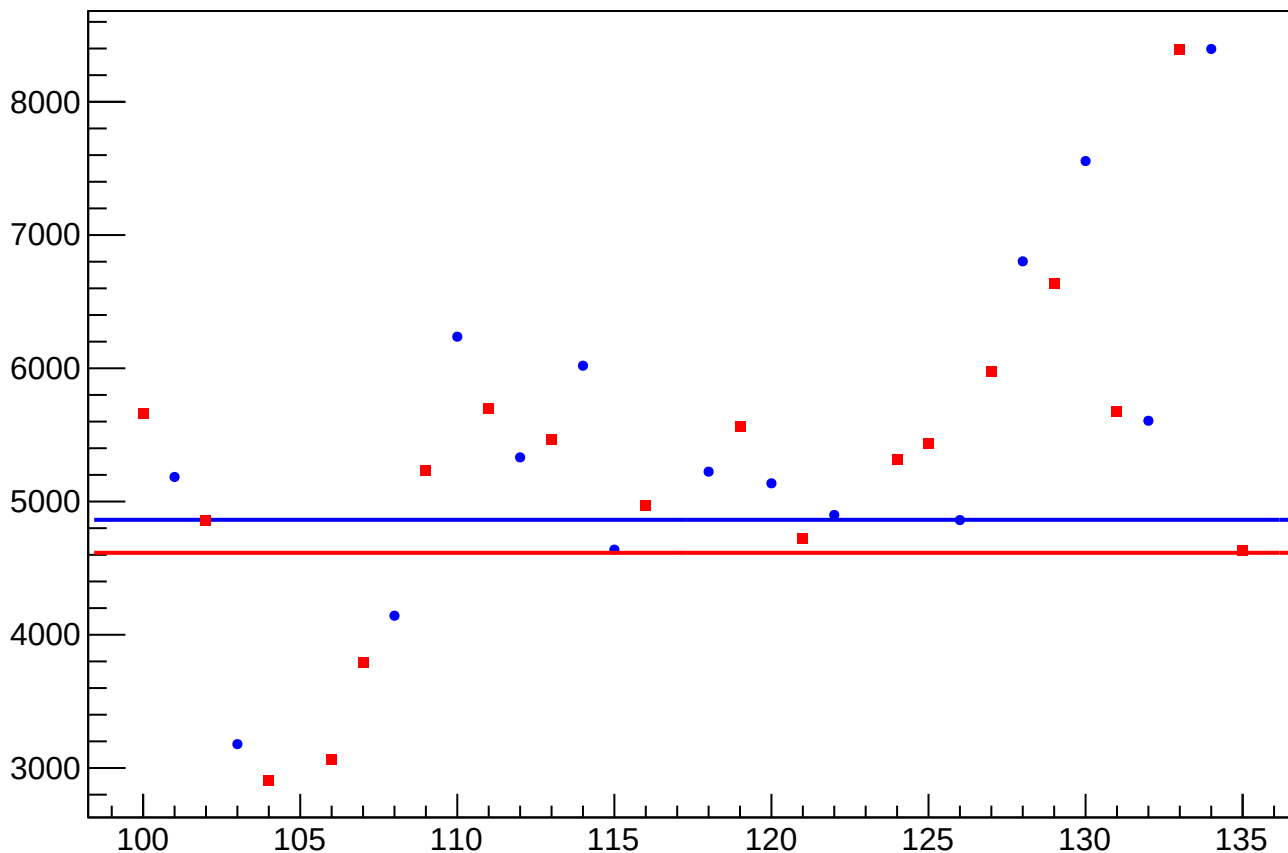
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.798+/-1335.101 χ^2/NDF : 29.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_cor_correction_rms vs Slug



Right In: 4862.773+/-1.415 χ^2/NDF : 788238.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

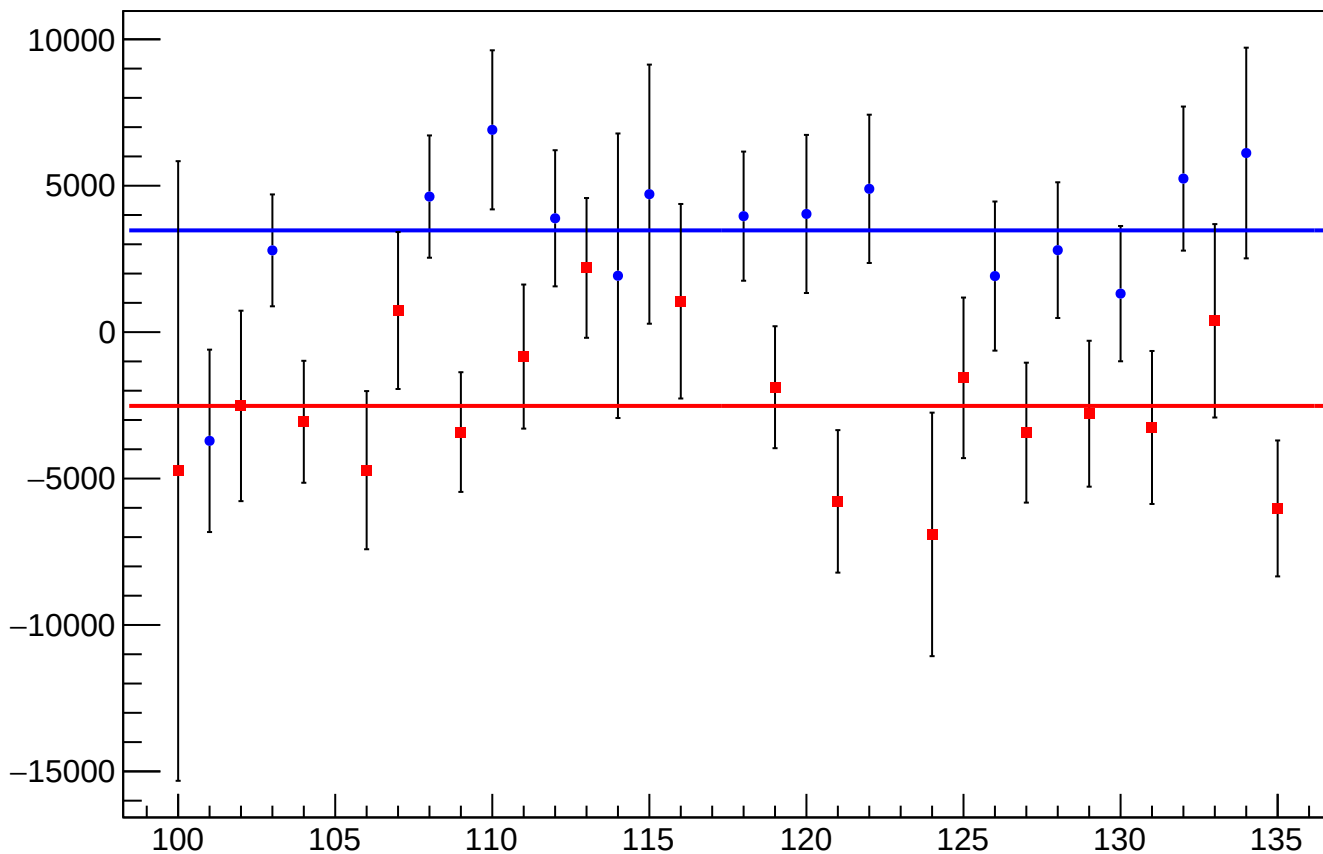
Right Out: 4615.085+/-1.268 χ^2/NDF : 977926.7/17

All: 4725.382+/-0.944 χ^2/NDF : 1783168.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3474.677 $\pm$ 660.860 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2519.215 $\pm$ 616.400 χ^2 /NDF: 14.4/17

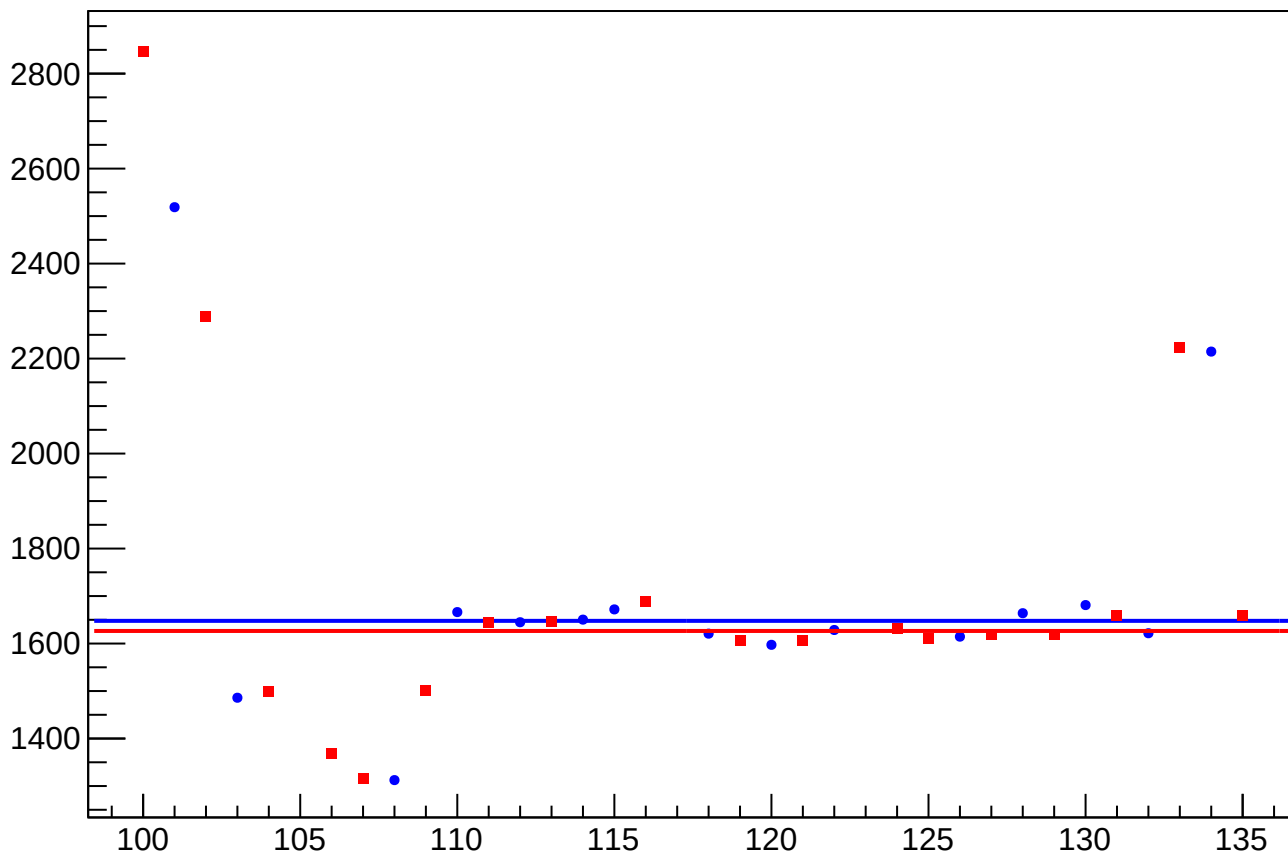
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 269.342 $\pm$ 450.760 χ^2 /NDF: 68.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1647.783+/-0.467 χ^2/NDF : 274362.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.501+/-0.435 χ^2/NDF : 237619.5/17

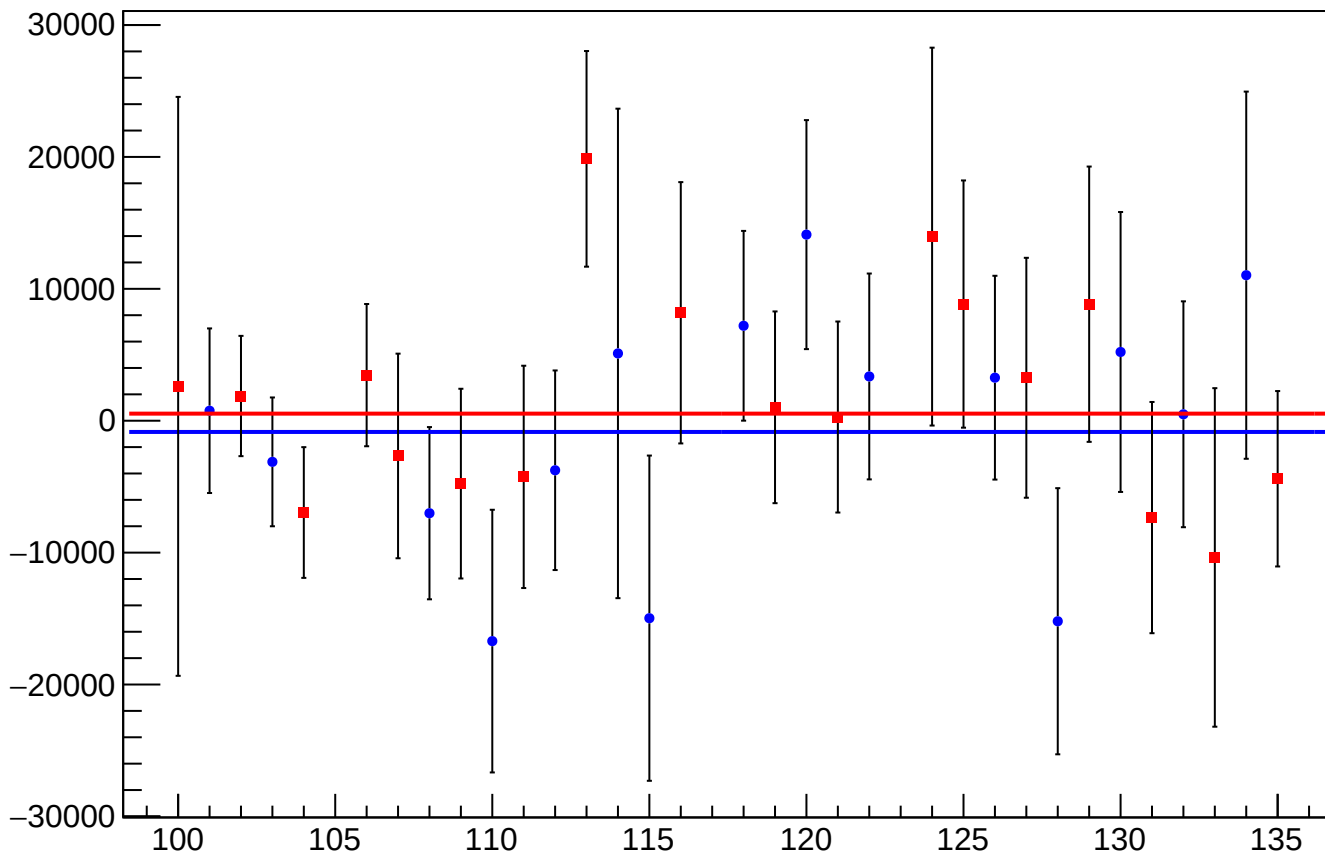
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.393+/-0.319 χ^2/NDF : 513091.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_mean vs Slug



Right In: -851.025+/-2078.822 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 537.645+/-1774.112 χ^2/NDF : 14.4/17

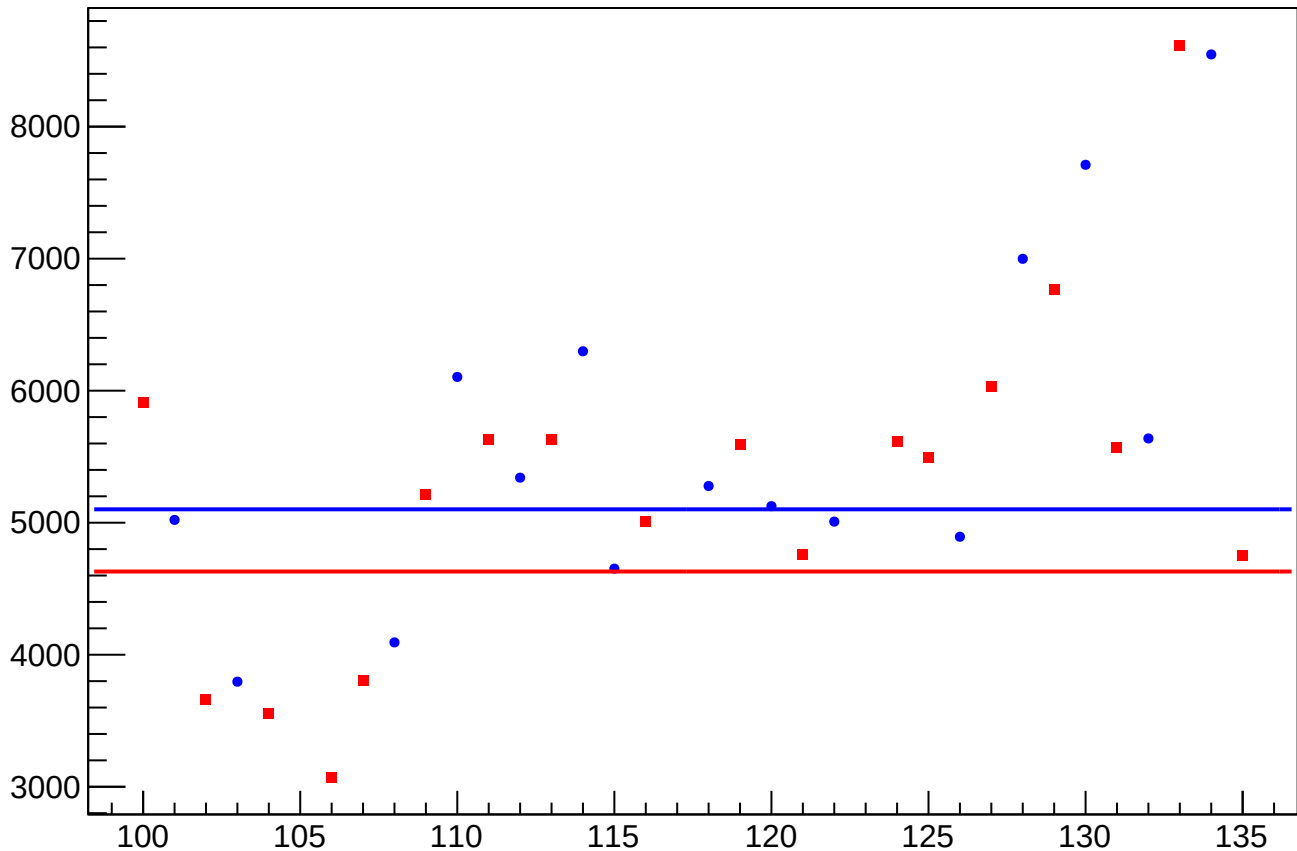
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.549+/-1349.484 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_correction_rms vs Slug



Right In: 5101.436+/-1.470 χ^2/NDF : 549299.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

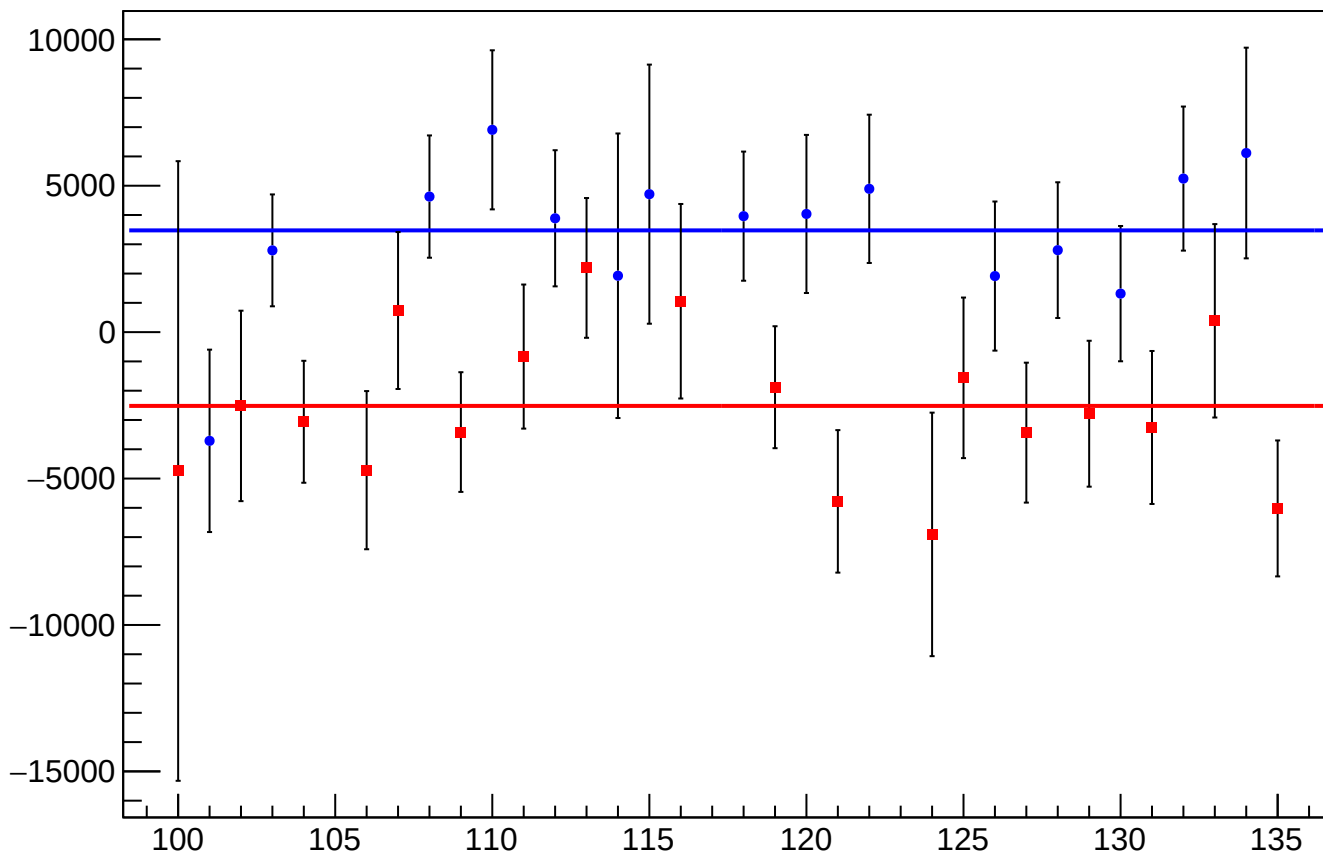
Right Out: 4630.261+/-1.254 χ^2/NDF : 863505.9/17

All: 4828.817+/-0.954 χ^2/NDF : 1472252.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_avg_mean vs Slug



Right In: 3474.676 $\pm$ 660.860 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2519.222 $\pm$ 616.400 χ^2 /NDF: 14.4/17

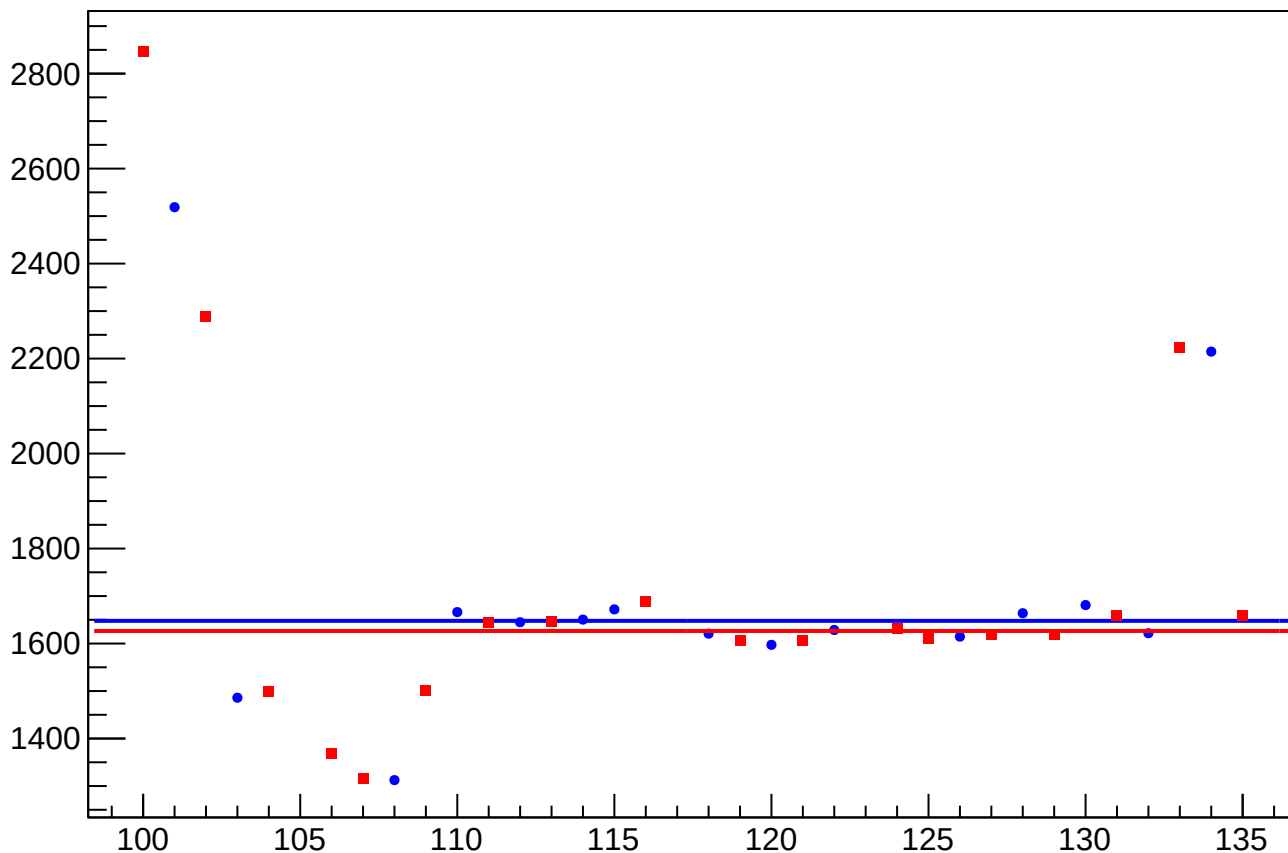
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 269.339 $\pm$ 450.759 χ^2 /NDF: 68.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_usr_atr2_avg_rms vs Slug



Right In: 1647.783+/-0.467 χ^2/NDF : 274362.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1626.500+/-0.435 χ^2/NDF : 237619.1/17

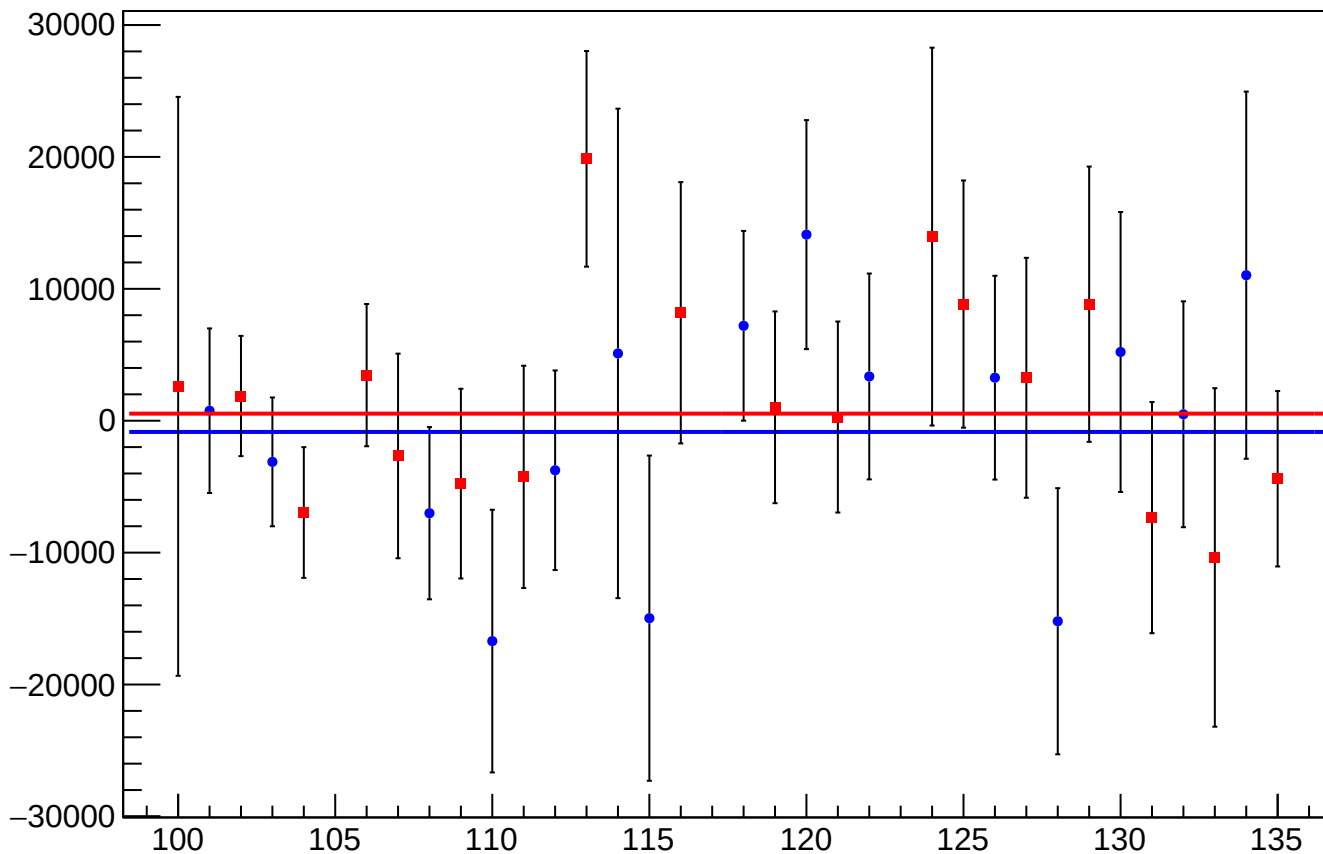
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1636.392+/-0.319 χ^2/NDF : 513091.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_mean vs Slug



Right In: -851.020 $\pm$ 2078.817 χ^2 /NDF: 13.2/14

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

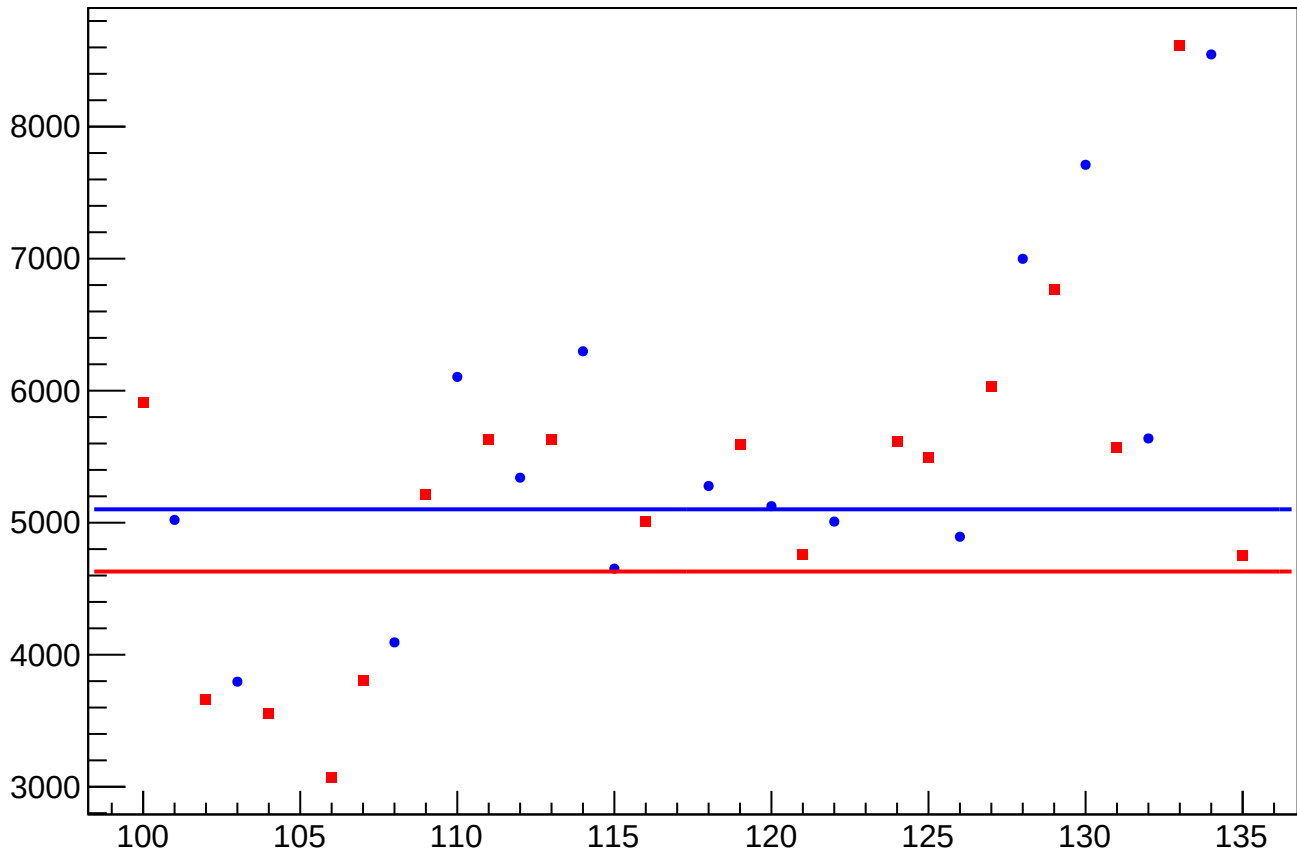
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -47.546 $\pm$ 1349.481 χ^2 /NDF: 27.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_correction_rms vs Slug



Right In: 5101.425+/-1.470 χ^2/NDF : 549294.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

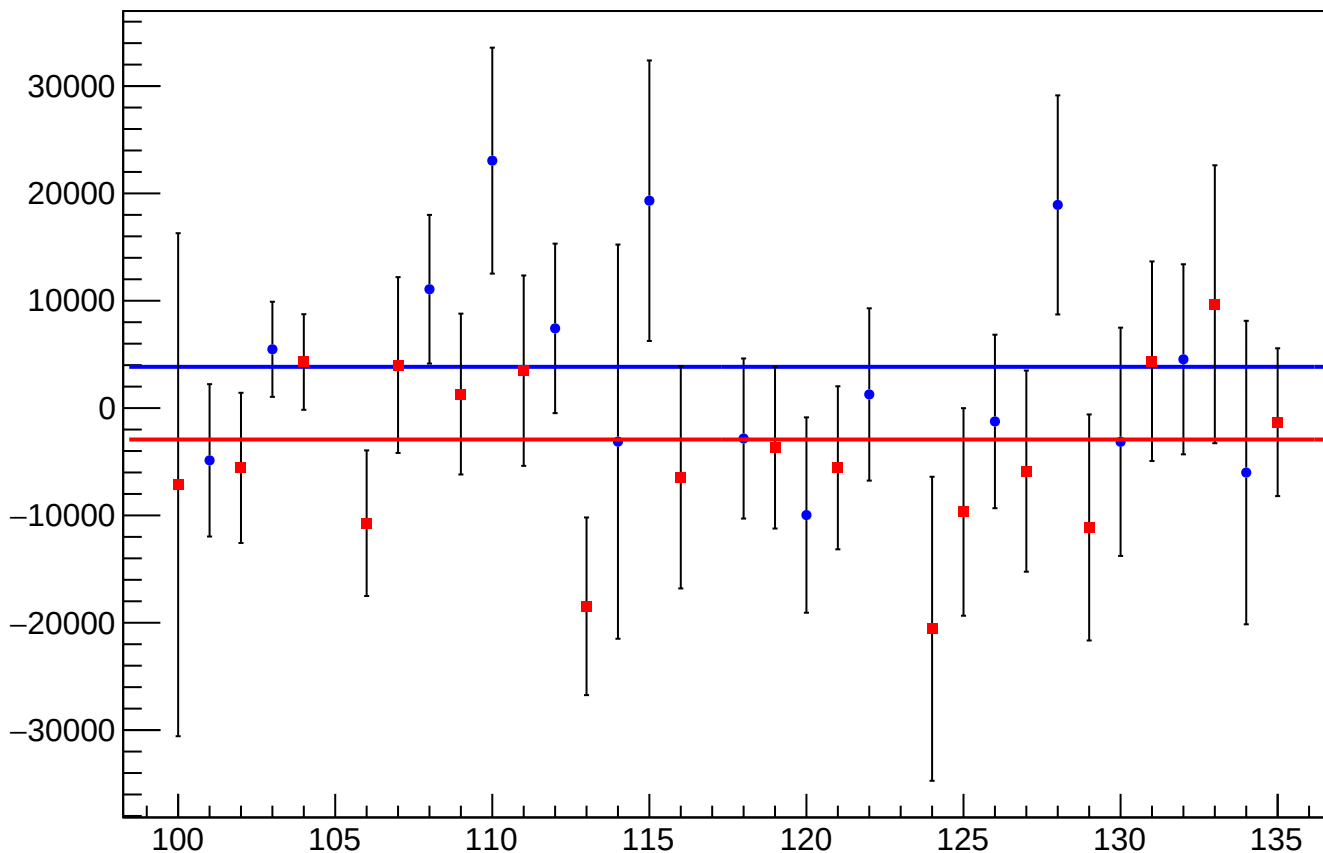
Right Out: 4630.254+/-1.254 χ^2/NDF : 863499.9/17

All: 4828.809+/-0.954 χ^2/NDF : 1472241.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_mean vs Slug



Right In: 3842.657+/-2119.700 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2927.148+/-1912.251 χ^2/NDF : 13.8/17

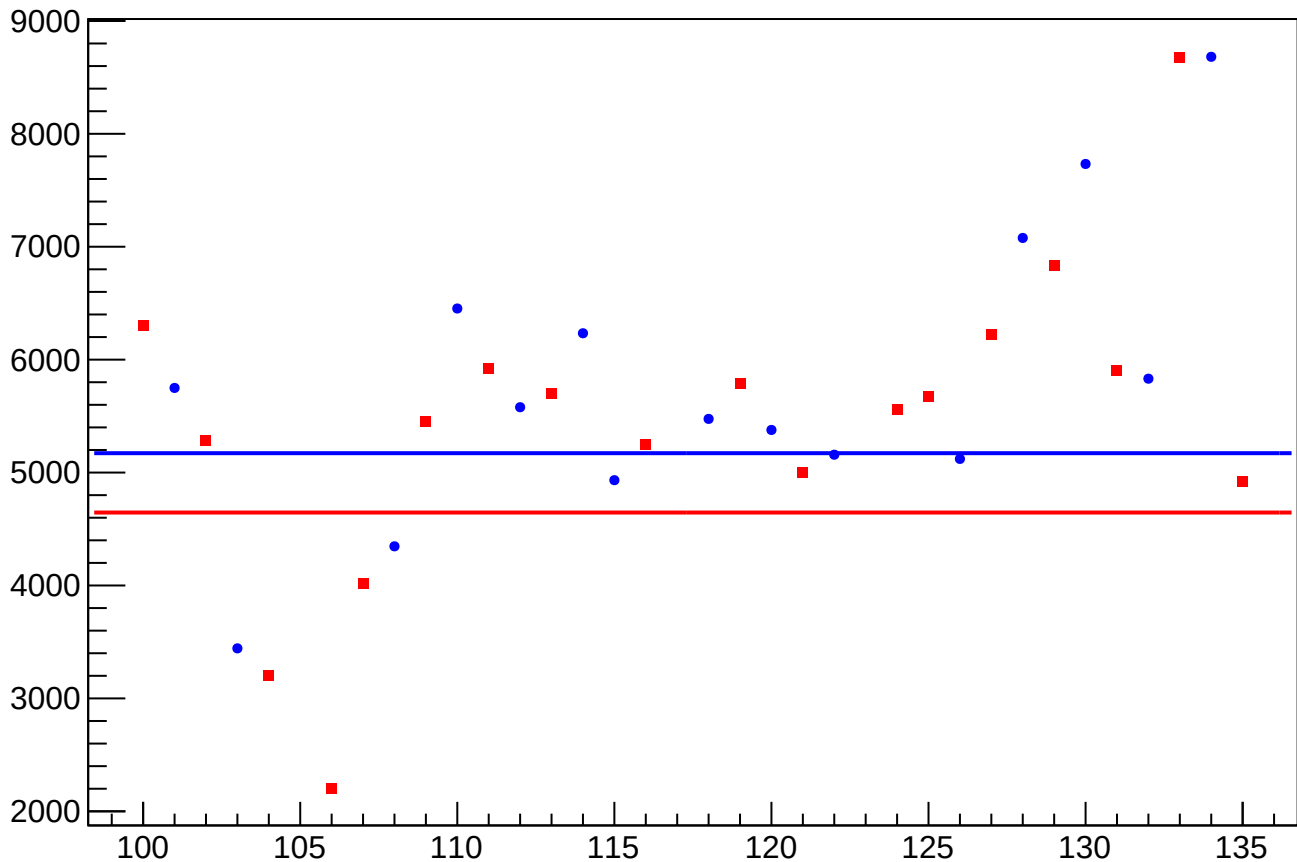
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 110.359+/-1419.858 χ^2/NDF : 34.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_rms vs Slug



Right In: 5171.704+/-1.499 χ^2/NDF : 712746.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

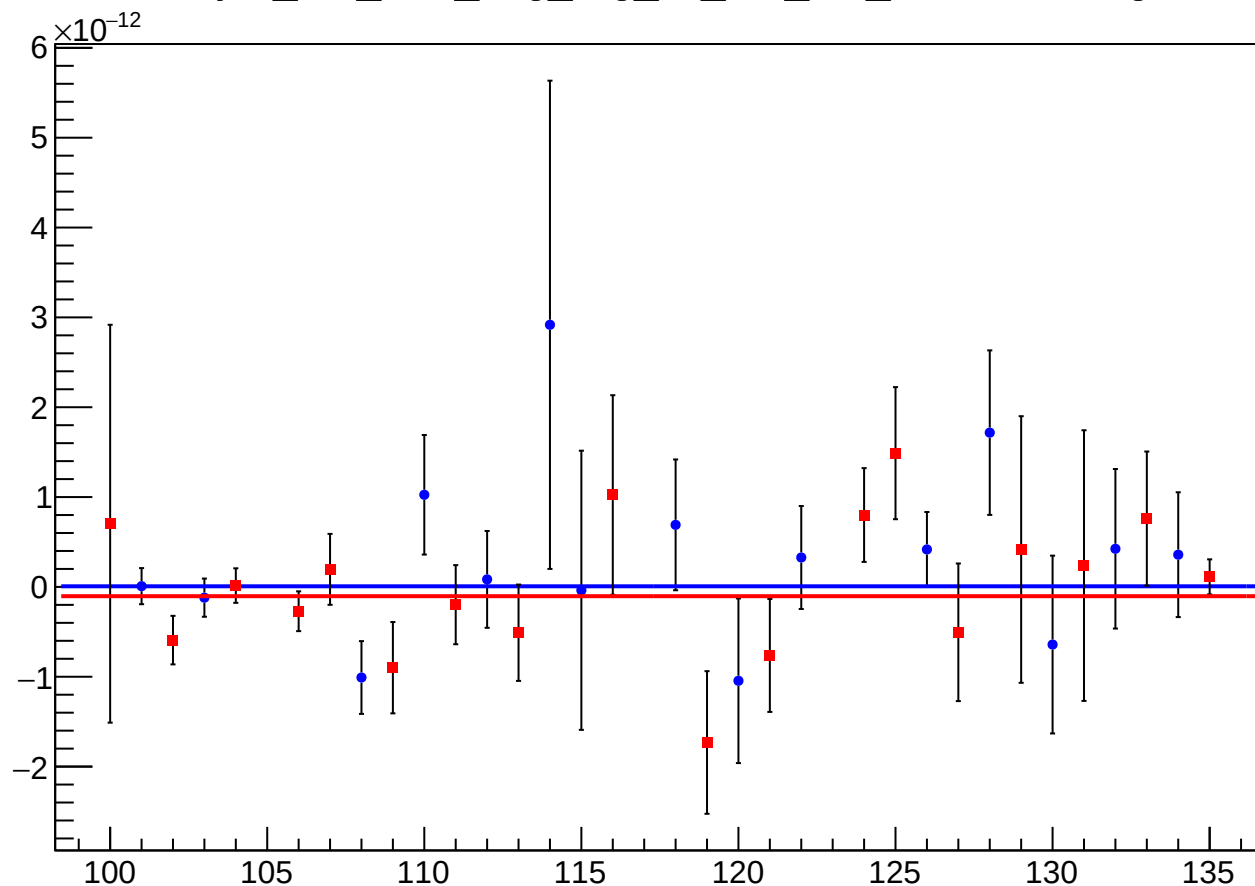
Right Out: 4646.035+/-1.299 χ^2/NDF : 1344188.1/17

All: 4871.477+/-0.982 χ^2/NDF : 2127183.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 18.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 25.0/17

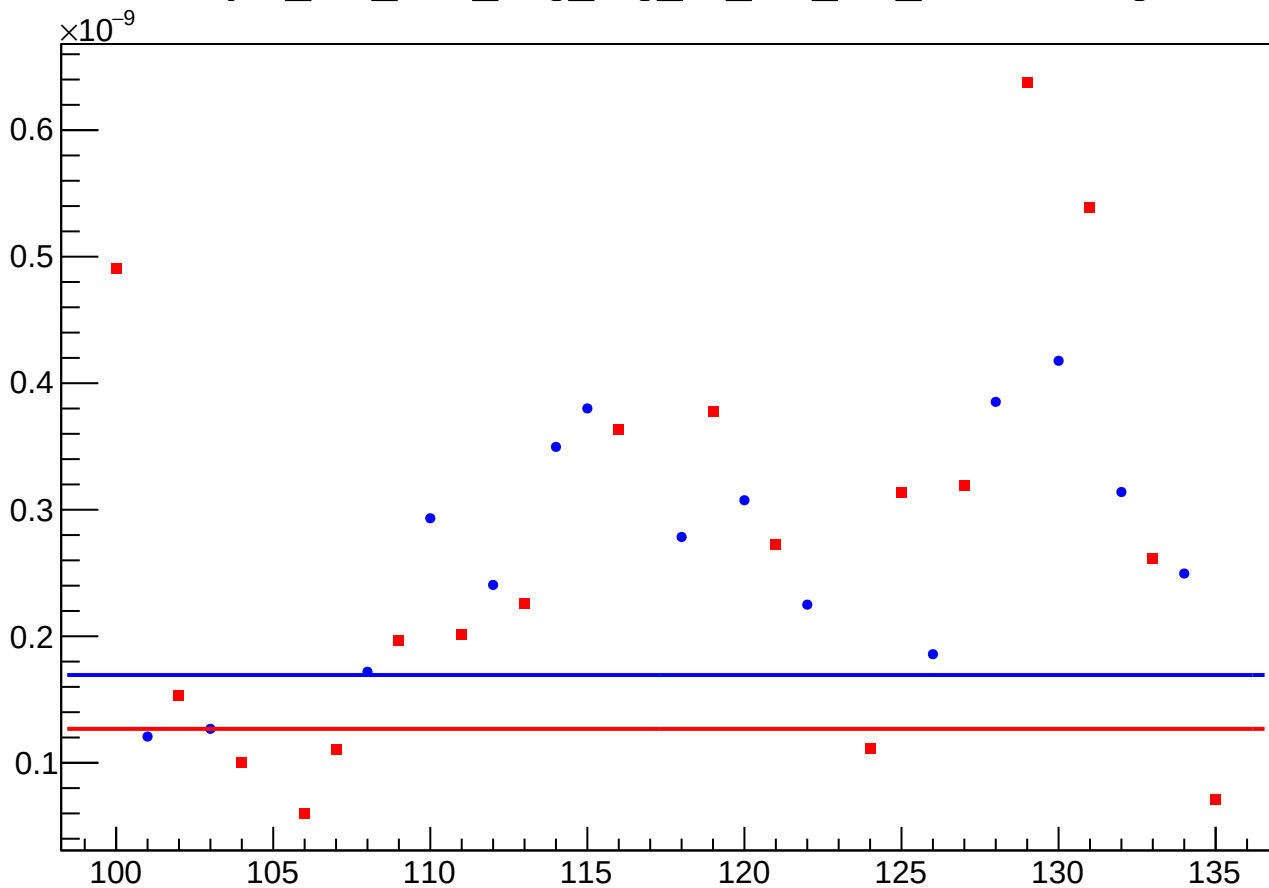
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 43.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 776415.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1733763.9/17

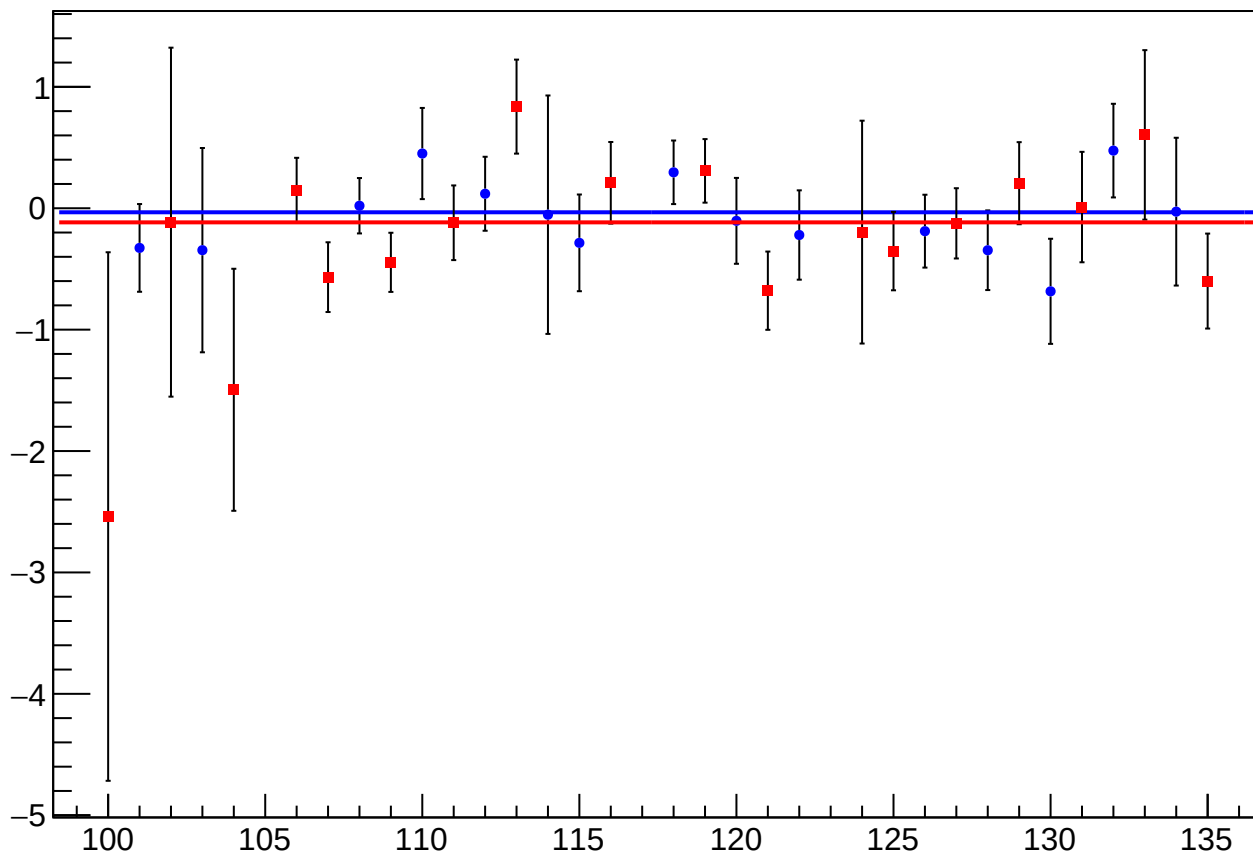
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2680499.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.033 ± 0.092 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.116 ± 0.085 χ^2/NDF : 25.2/17

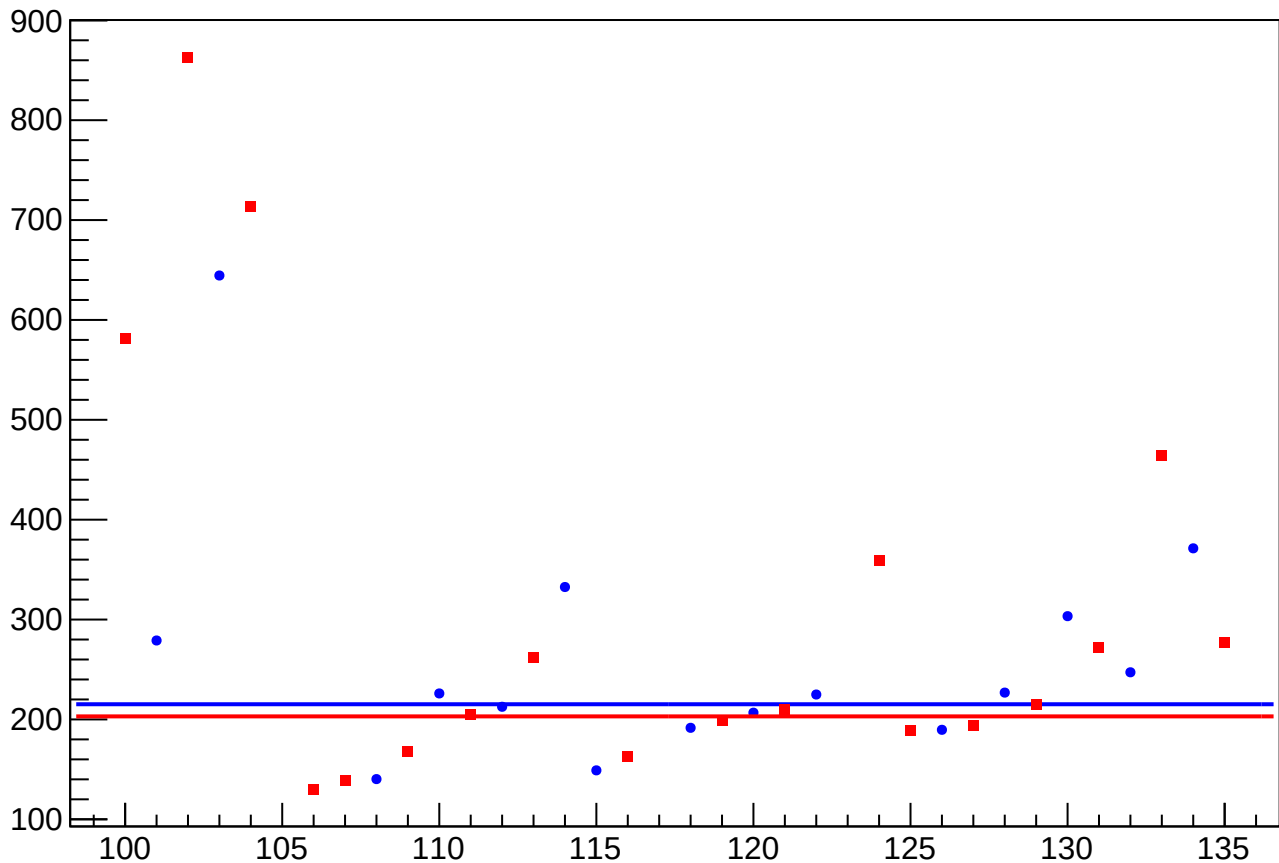
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.078 ± 0.062 χ^2/NDF : 35.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_cor_diff_rms vs Slug



Right In: 215.204 $\pm$ 0.065 χ^2 /NDF: 1148551.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.049 $\pm$ 0.060 χ^2 /NDF: 1835335.9/17

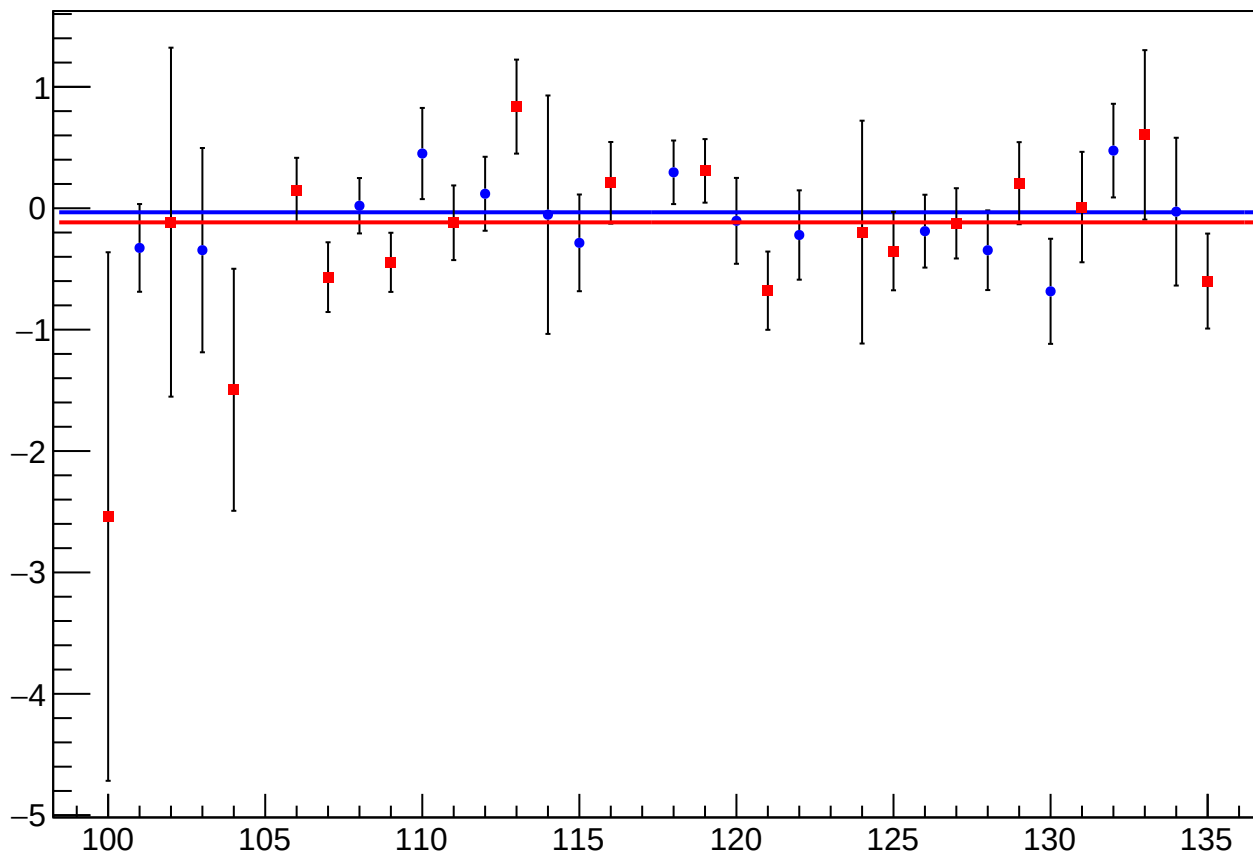
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.629 $\pm$ 0.044 χ^2 /NDF: 3002844.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.116+/-0.085 χ^2/NDF : 25.2/17

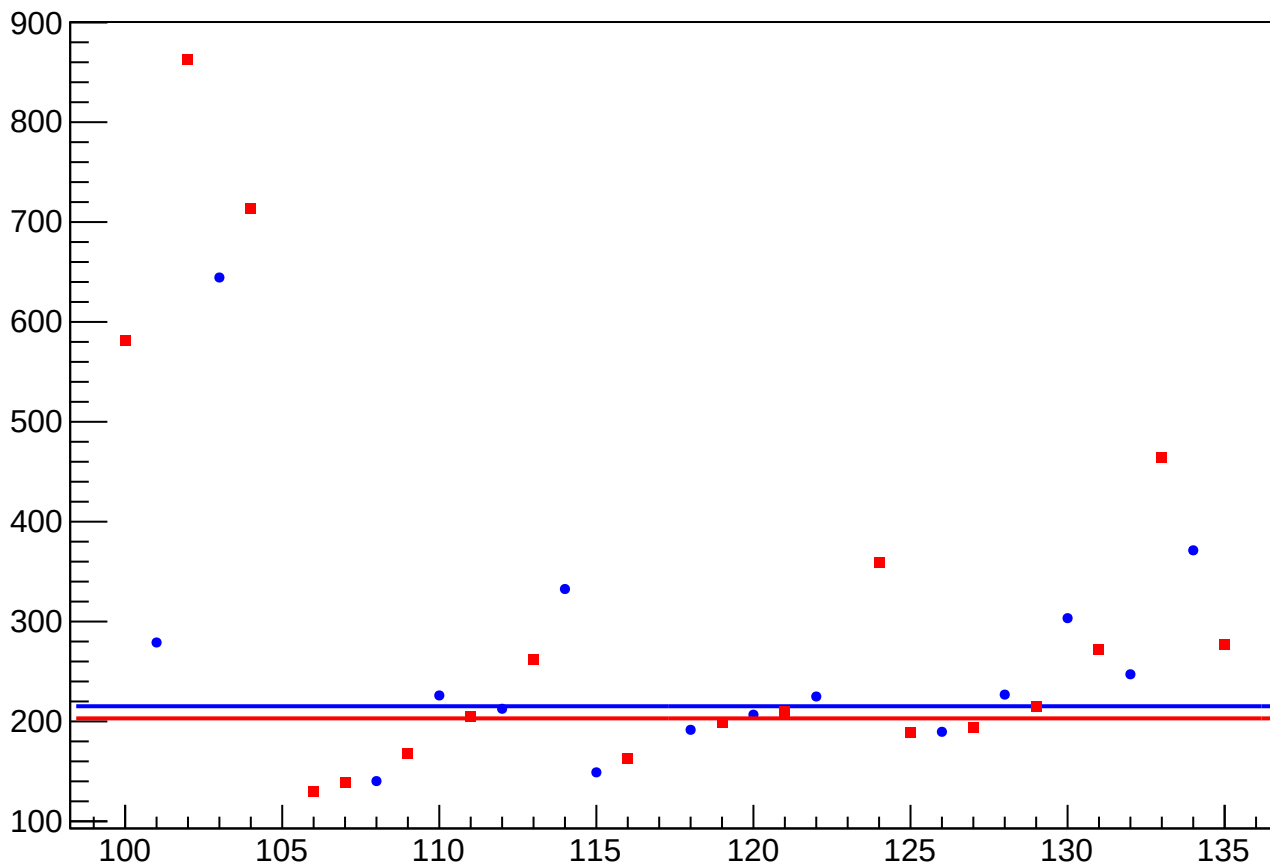
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.078+/-0.062 χ^2/NDF : 35.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 215.204+/-0.065 χ^2/NDF : 1148551.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 203.049+/-0.060 χ^2/NDF : 1835335.9/17

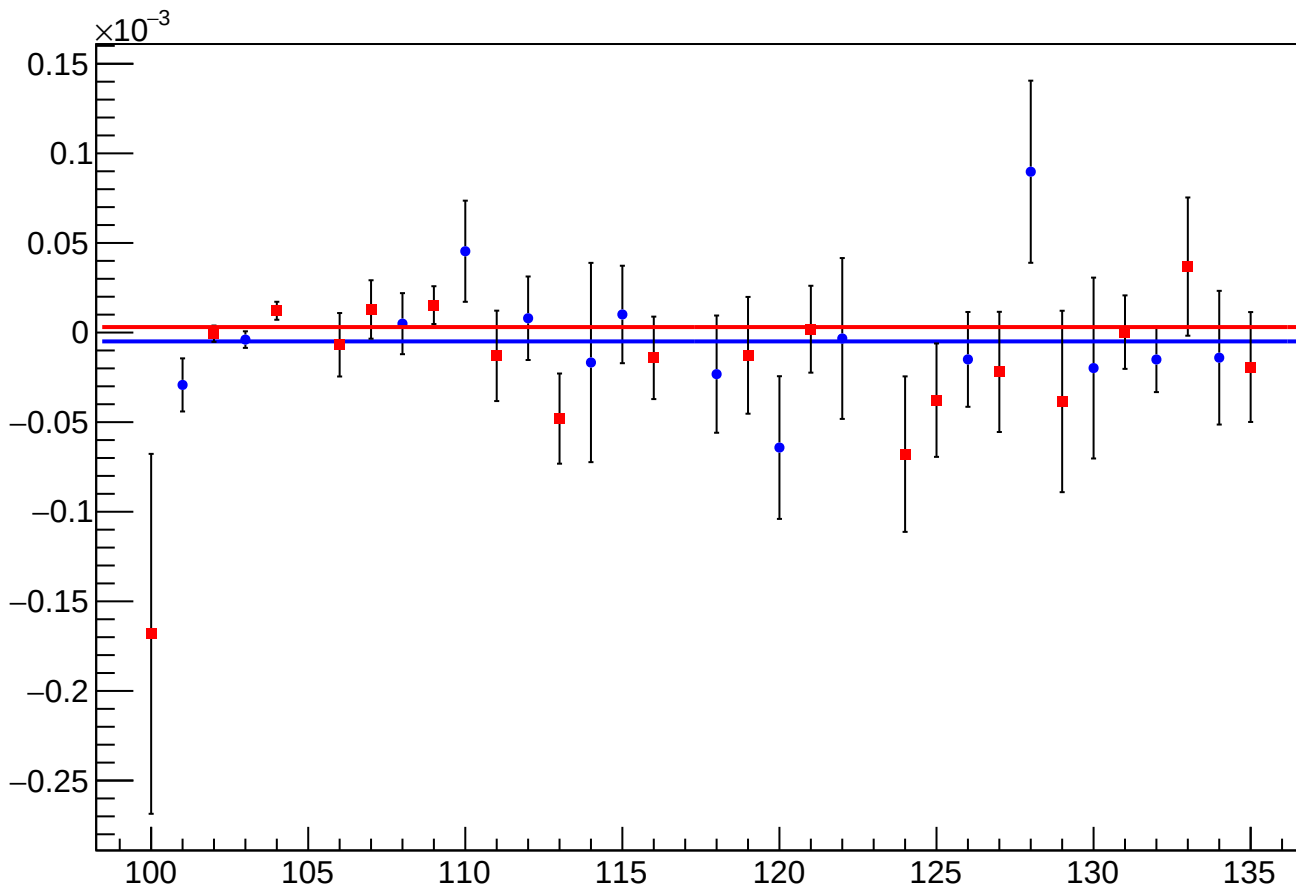
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 208.629+/-0.044 χ^2/NDF : 3002844.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/17

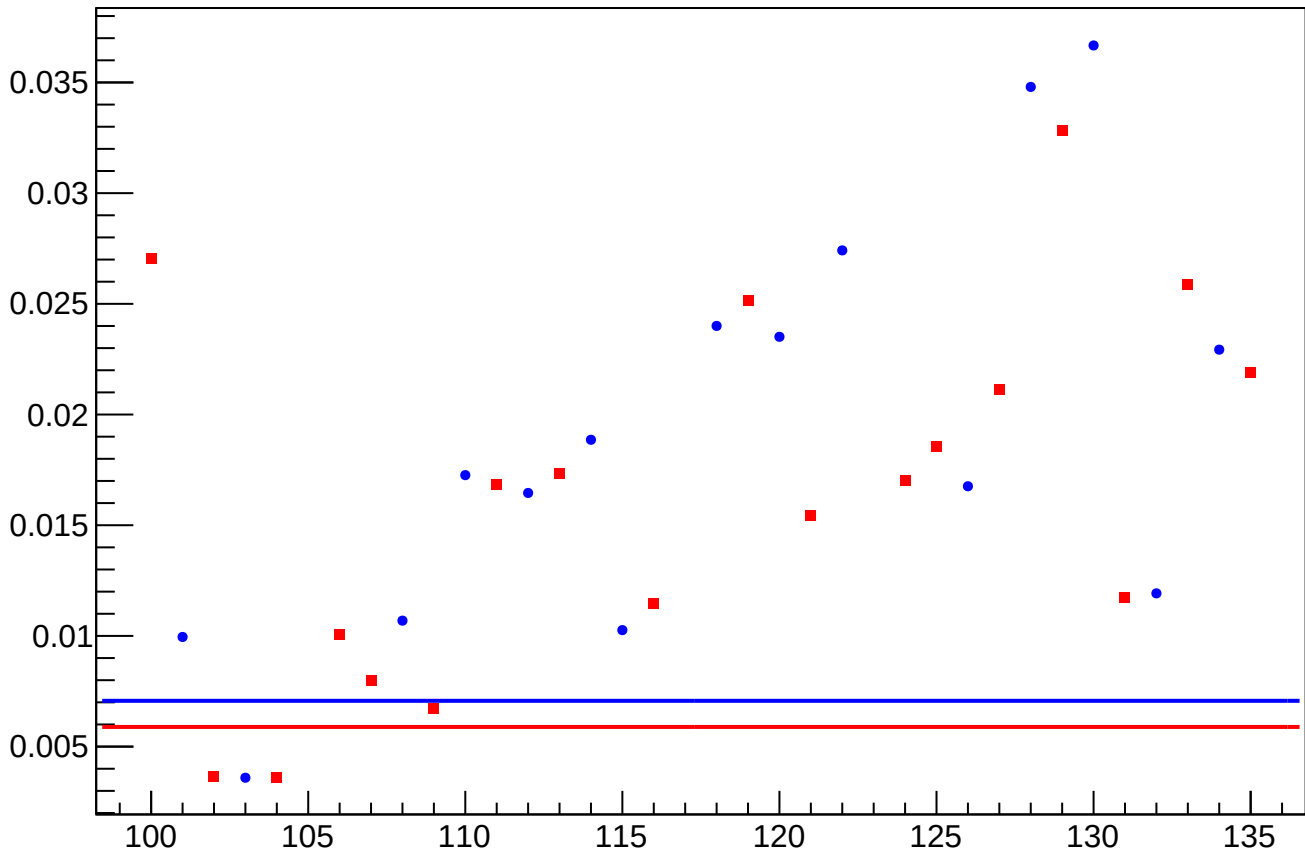
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 37.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 5341469.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 5728438.2/17

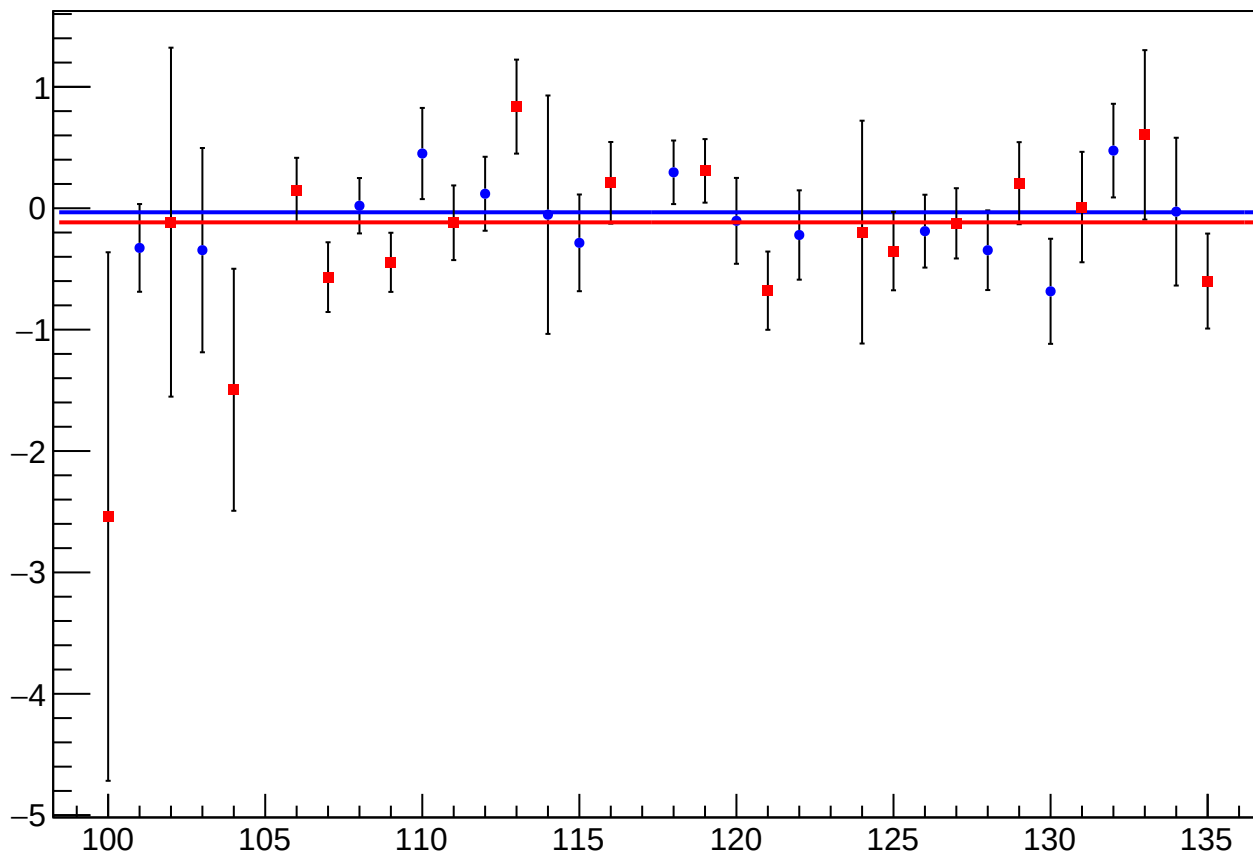
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 11189787.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.116+/-0.085 χ^2/NDF : 25.2/17

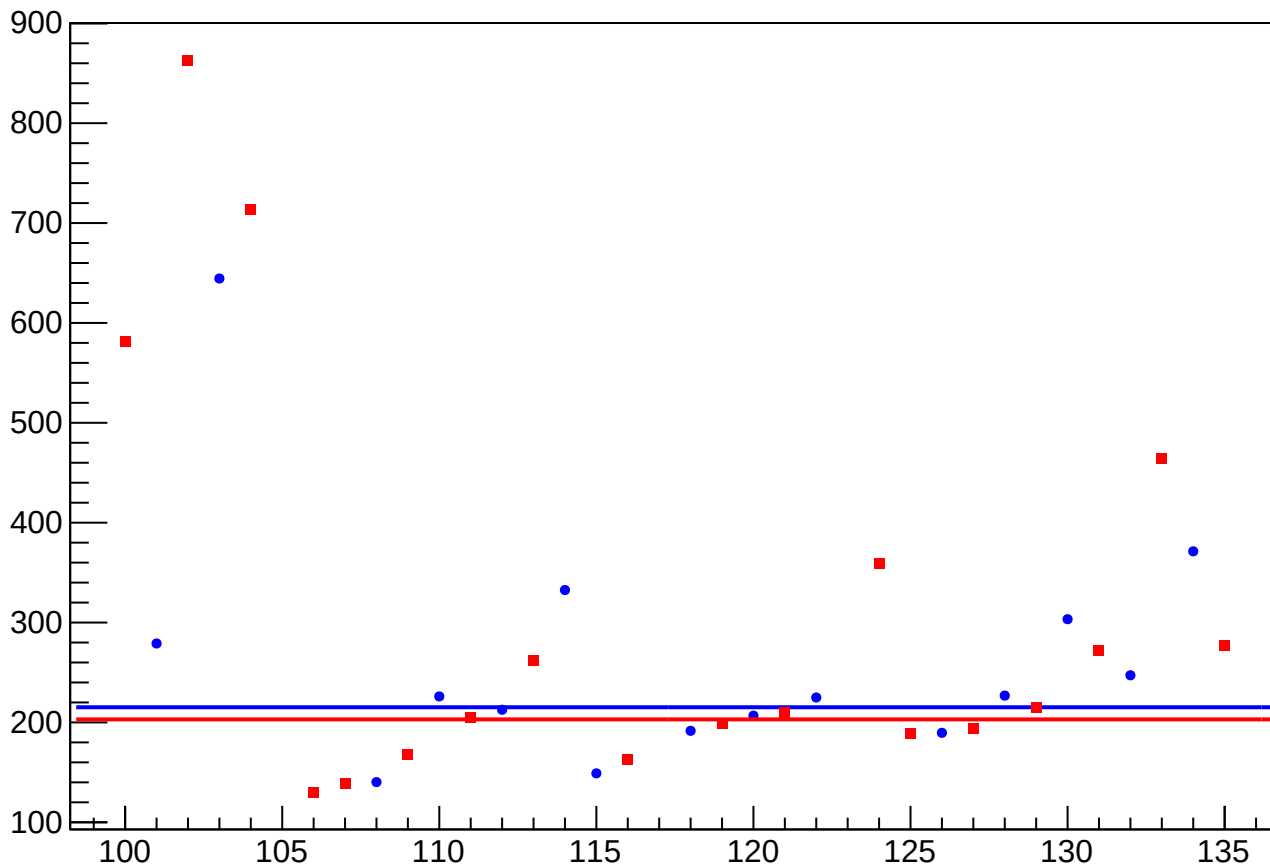
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.078+/-0.062 χ^2/NDF : 35.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 215.202 $\pm$ 0.065 χ^2 /NDF: 1148523.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 203.047 $\pm$ 0.060 χ^2 /NDF: 1835317.9/17

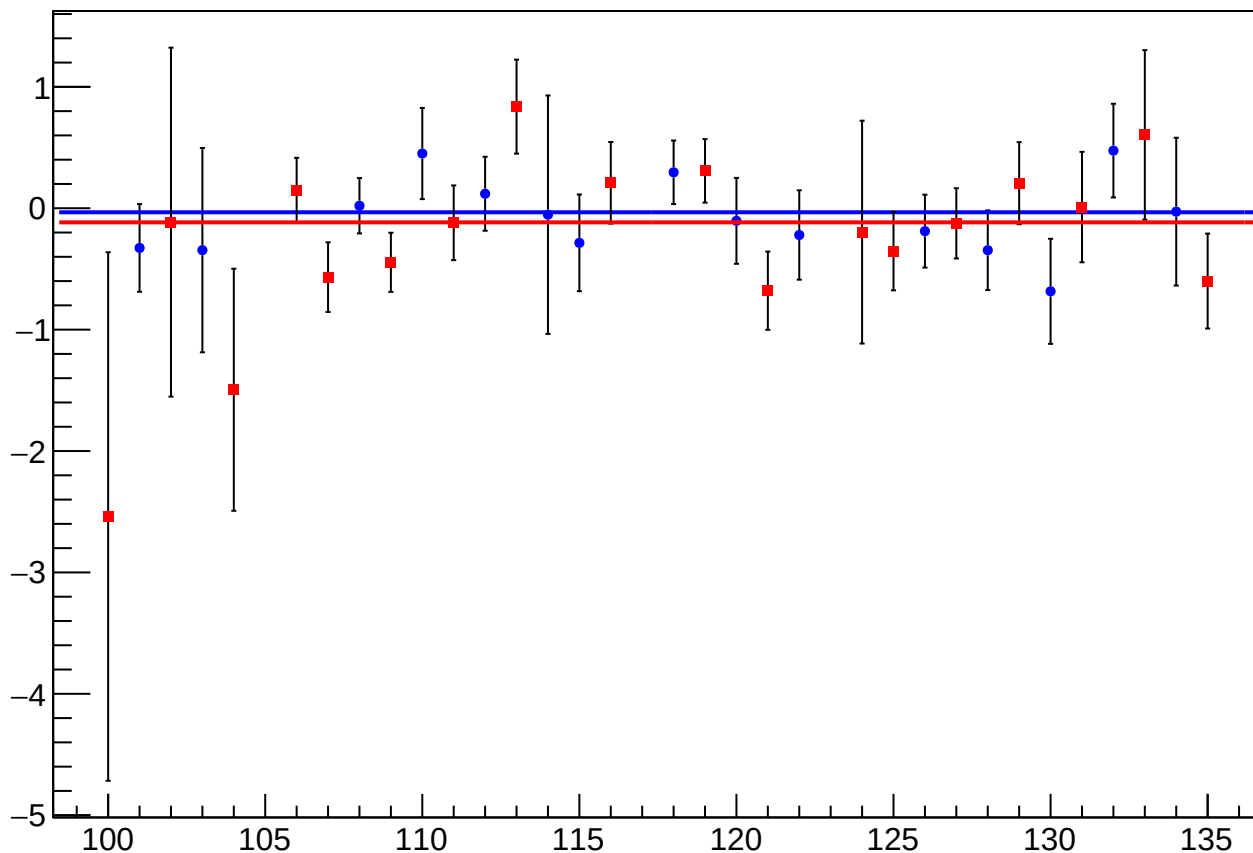
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.627 $\pm$ 0.044 χ^2 /NDF: 3002797.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.092 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.116+/-0.085 χ^2/NDF : 25.2/17

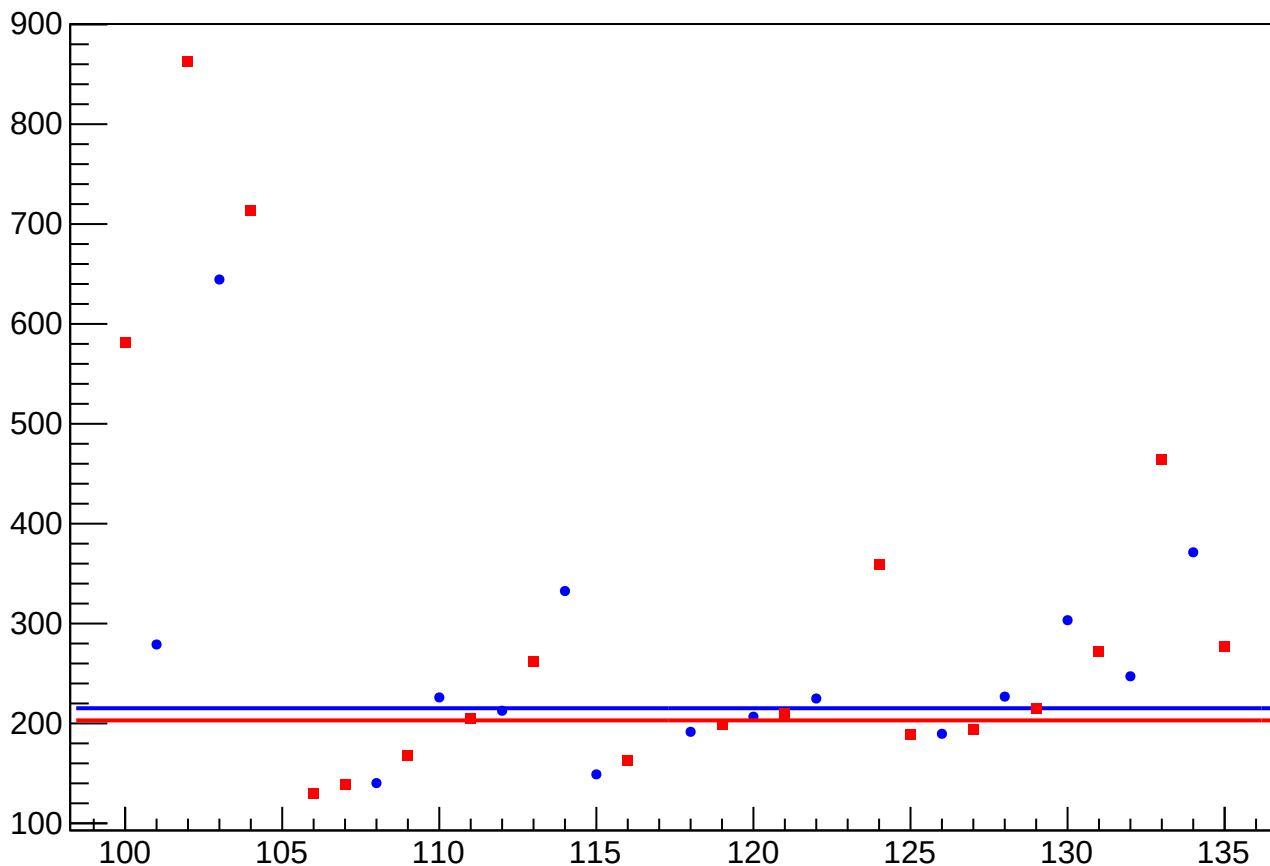
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.078+/-0.062 χ^2/NDF : 35.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 215.202 $\pm$ 0.065 χ^2 /NDF: 1148523.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 203.047 $\pm$ 0.060 χ^2 /NDF: 1835317.9/17

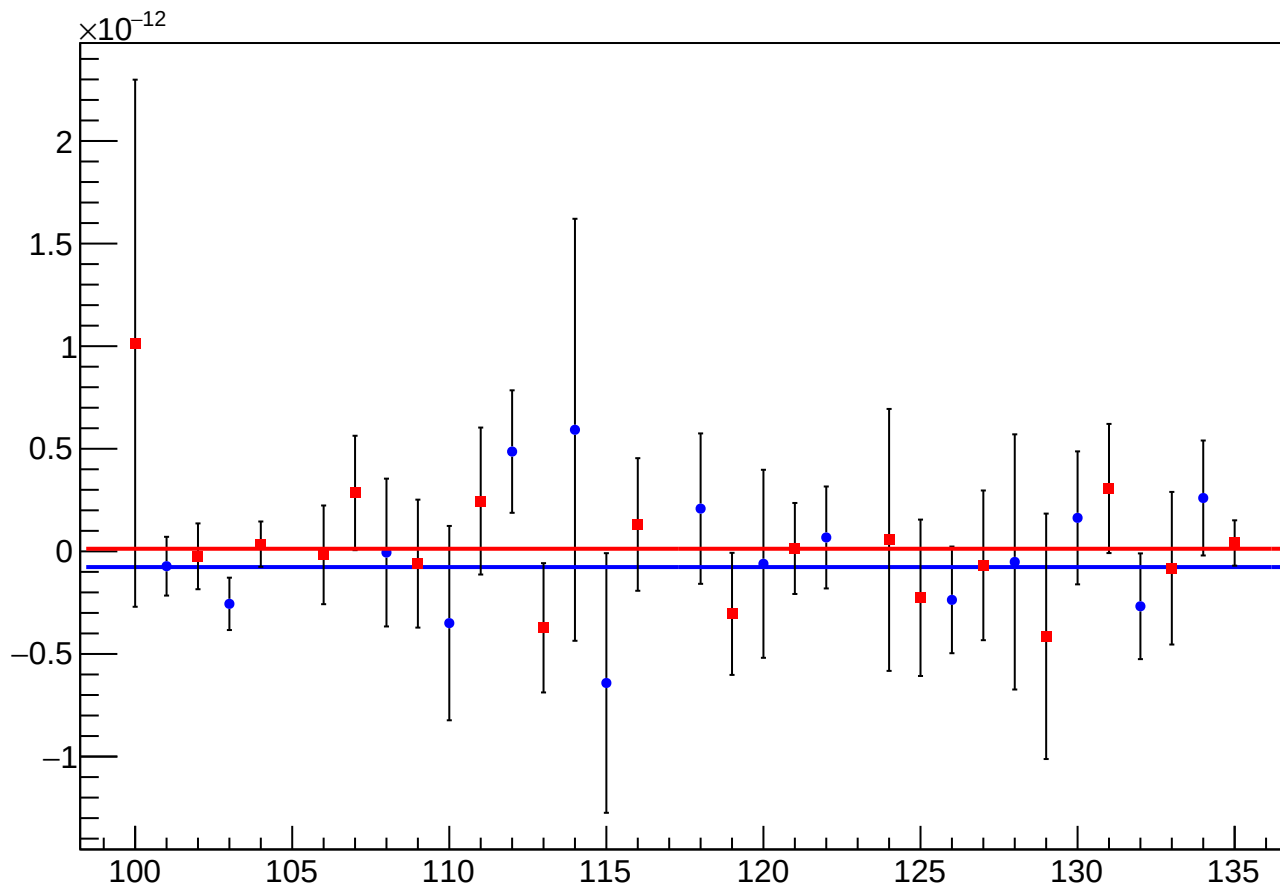
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 208.627 $\pm$ 0.044 χ^2 /NDF: 3002797.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 6.9/17

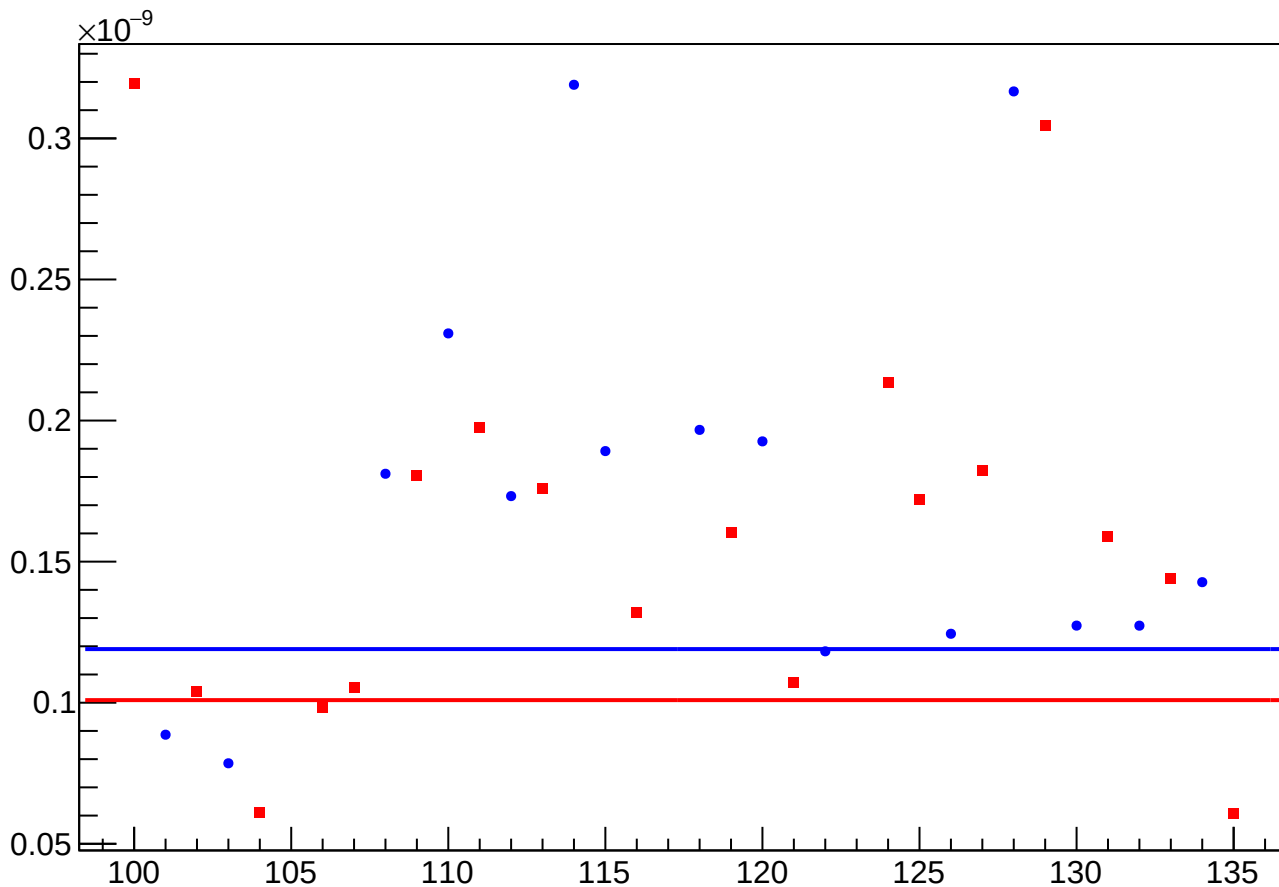
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 990603.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1630316.7/17

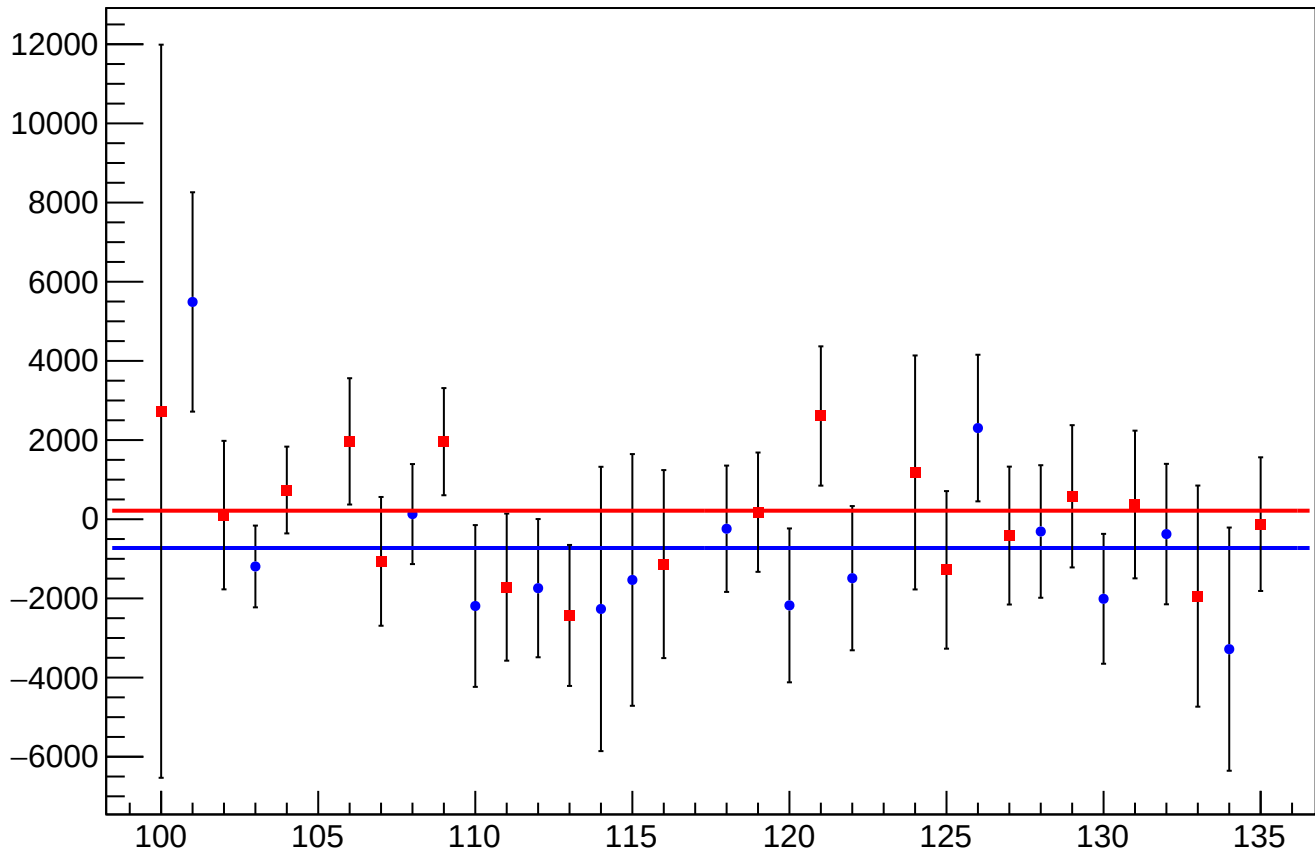
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2708299.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_mean vs Slug



Right In: -726.576+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.697+/-416.571 χ^2/NDF : 10.7/17

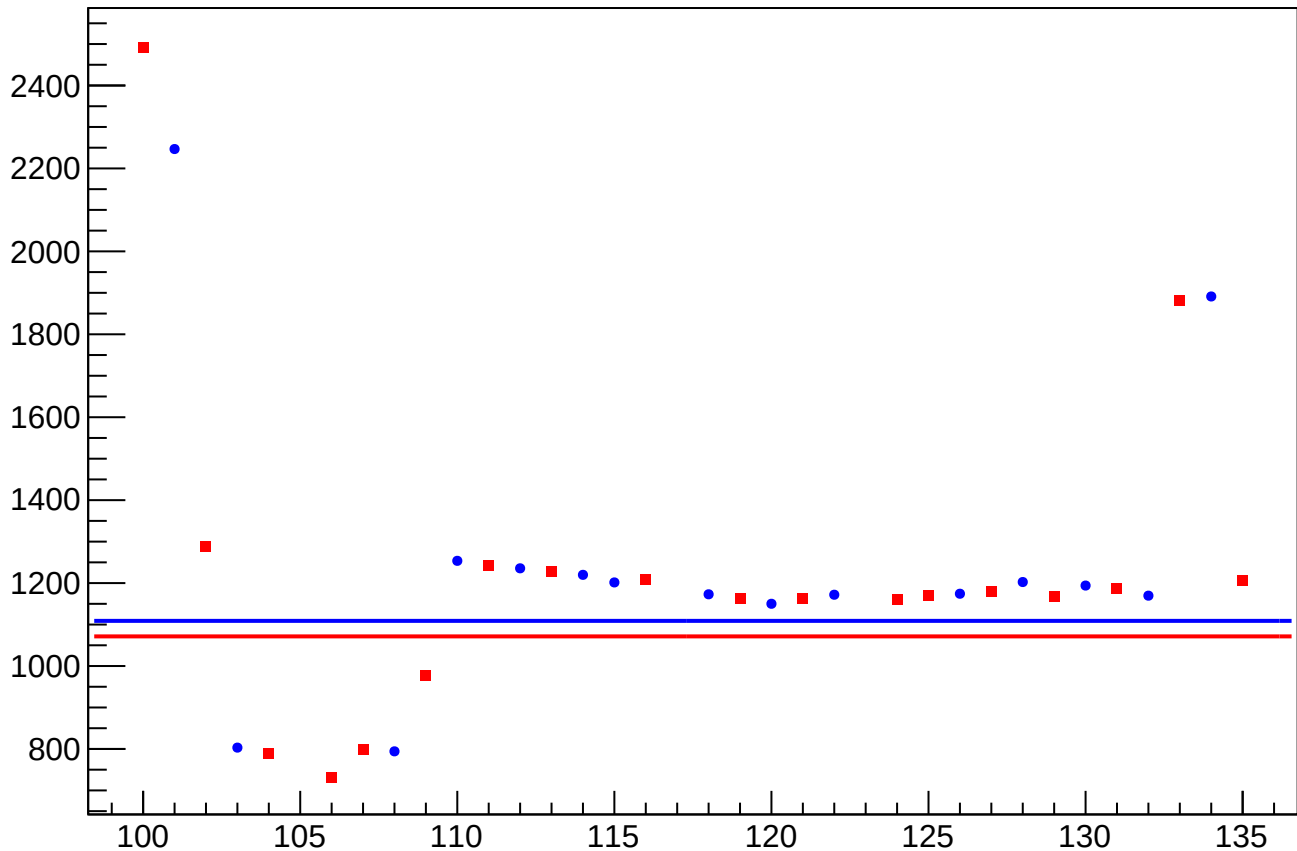
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.441+/-307.110 χ^2/NDF : 24.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_rms vs Slug



Right In: 1108.888+/-0.321 χ^2/NDF : 813375.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1071.456+/-0.292 χ^2/NDF : 645982.2/17

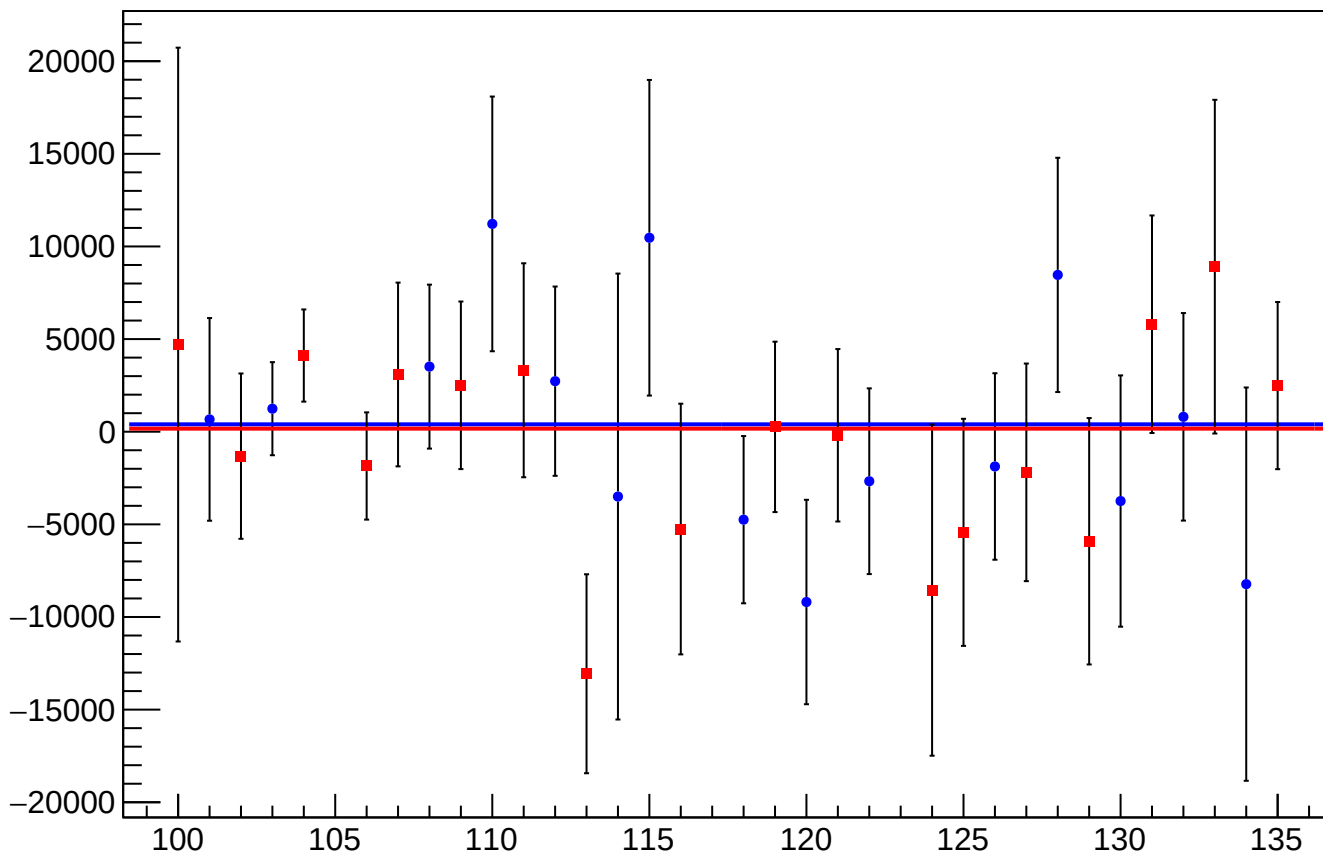
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1088.385+/-0.216 χ^2/NDF : 1466787.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_correction_mean vs Slug



Right In: 398.999 $\pm$ 1322.404 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 165.665 $\pm$ 1128.121 χ^2 /NDF: 15.7/17

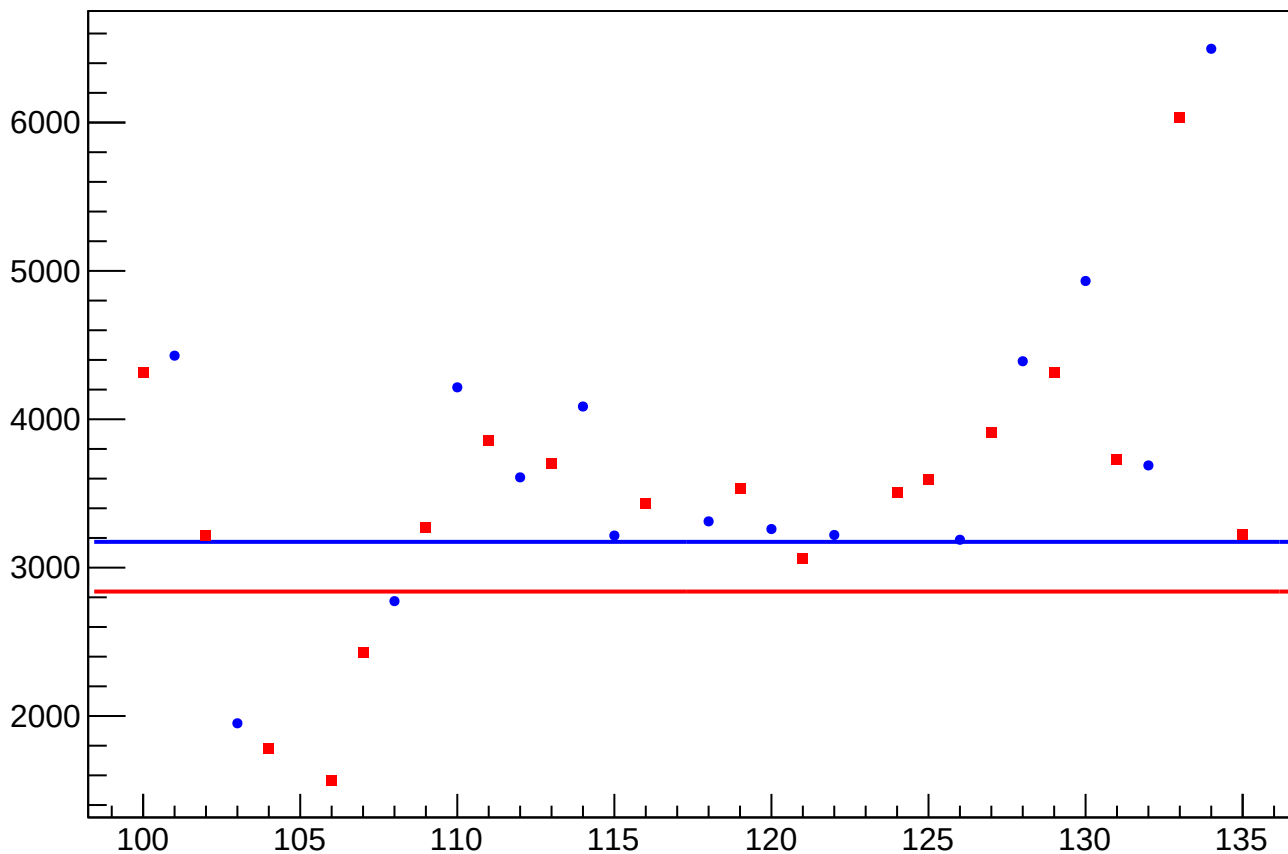
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 263.948 $\pm$ 858.252 χ^2 /NDF: 28.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_reg_correction_rms vs Slug



Right In: 3173.765+/-0.935 χ^2/NDF : 1091449.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

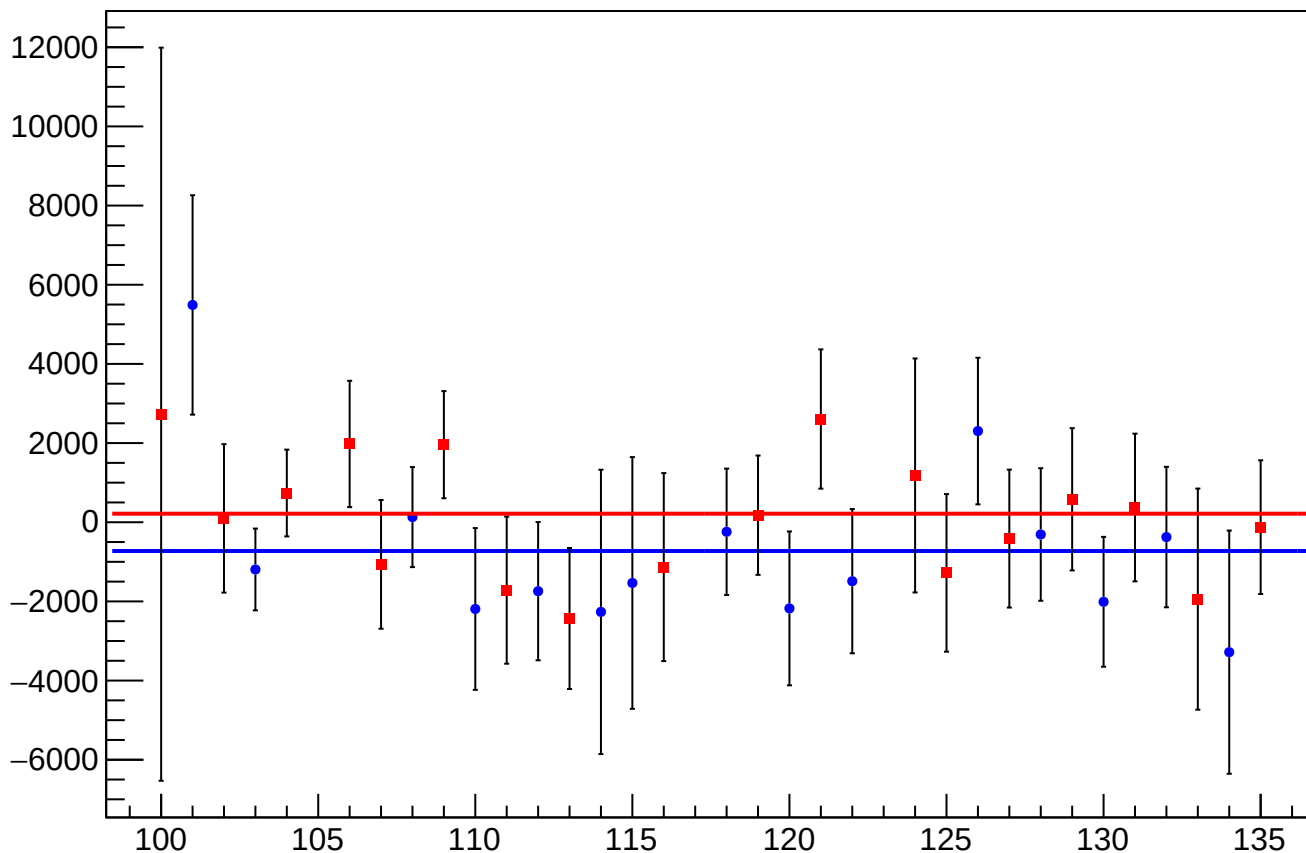
Right Out: 2838.820+/-0.798 χ^2/NDF : 1506948.3/17

All: 2979.903+/-0.607 χ^2/NDF : 2672659.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_mean vs Slug



Right In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.959+/-416.576 χ^2/NDF : 10.8/17

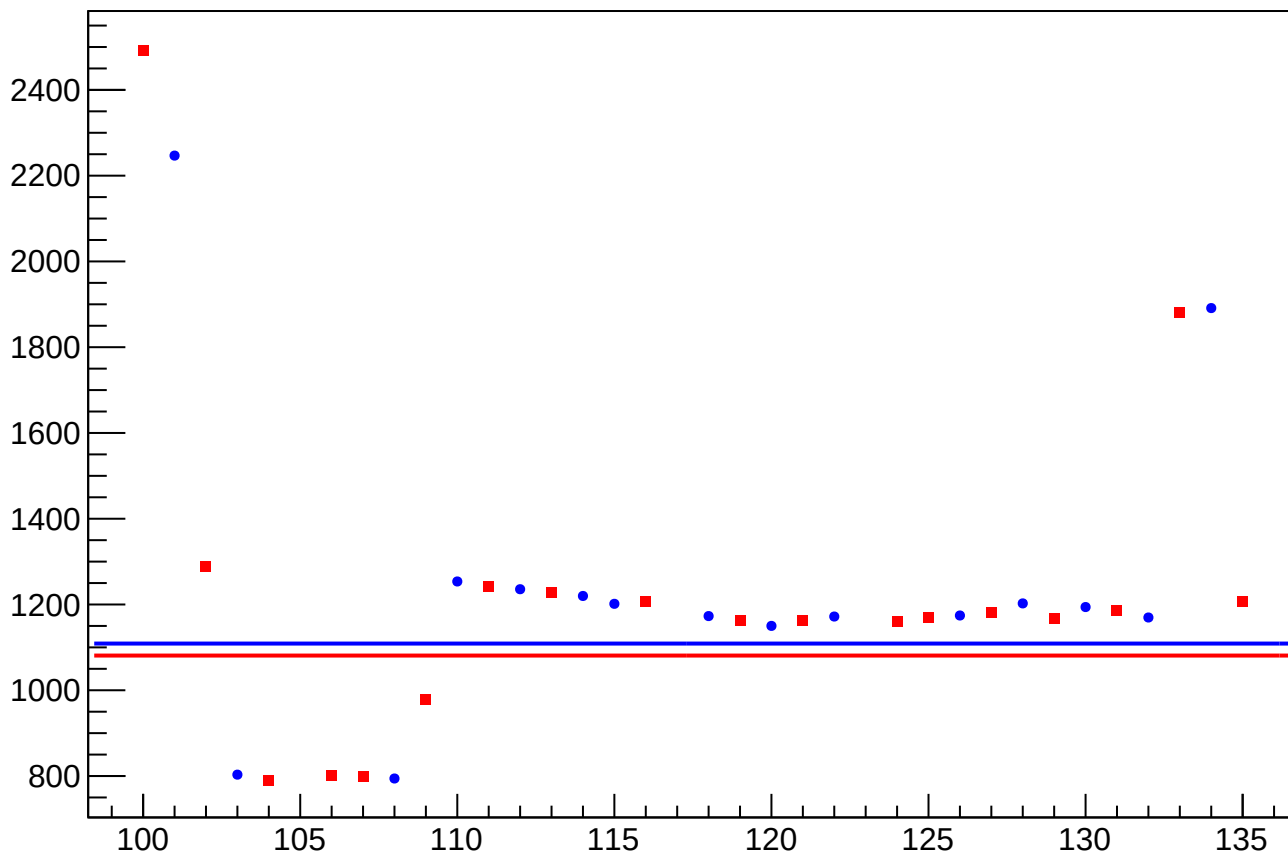
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.262+/-307.111 χ^2/NDF : 24.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1108.889+/-0.321 χ^2/NDF : 813372.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

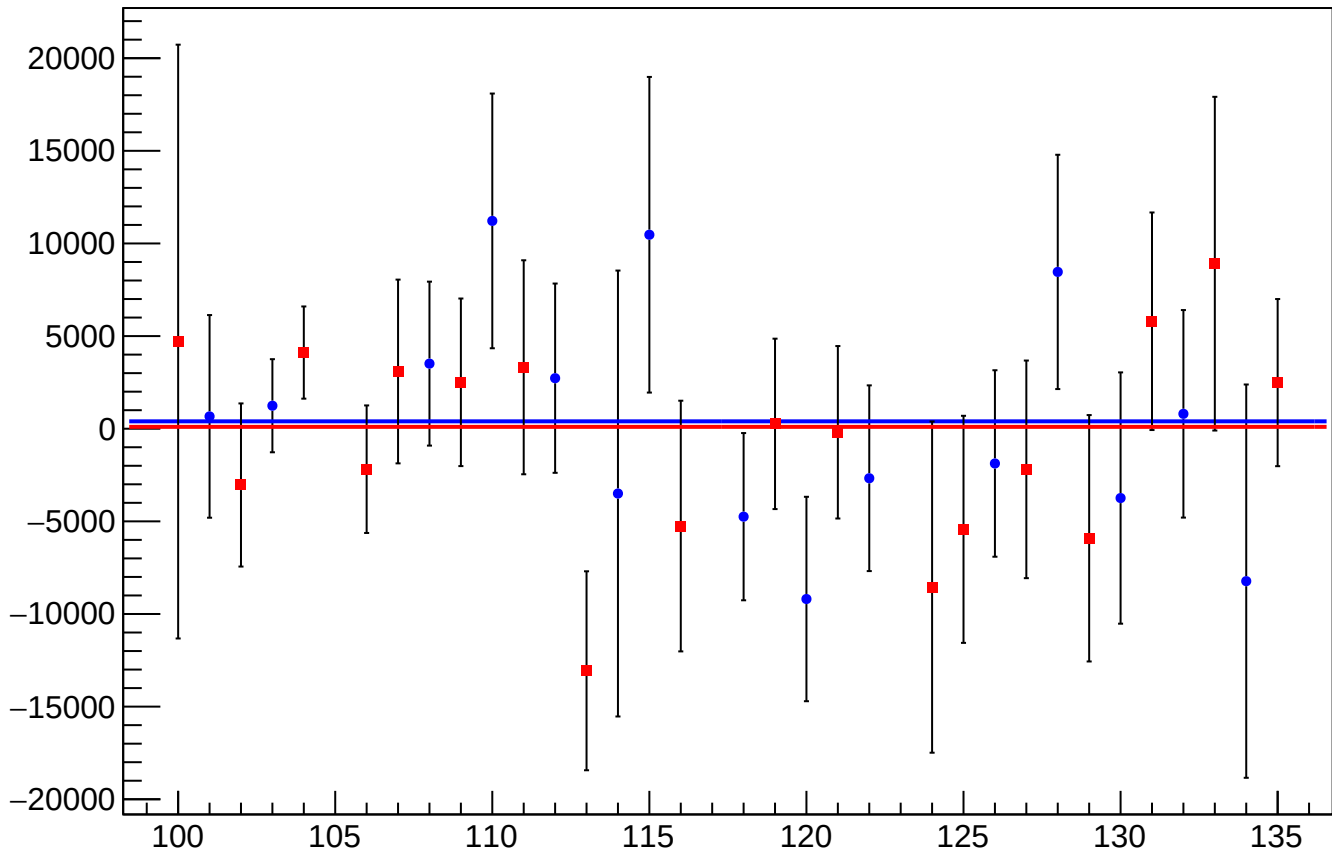
Right Out: 1080.926+/-0.294 χ^2/NDF : 592063.9/17

All: 1093.663+/-0.217 χ^2/NDF : 1409557.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_mean vs Slug



Right In: 398.358+/-1322.466 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.070+/-1153.068 χ^2/NDF : 16.1/17

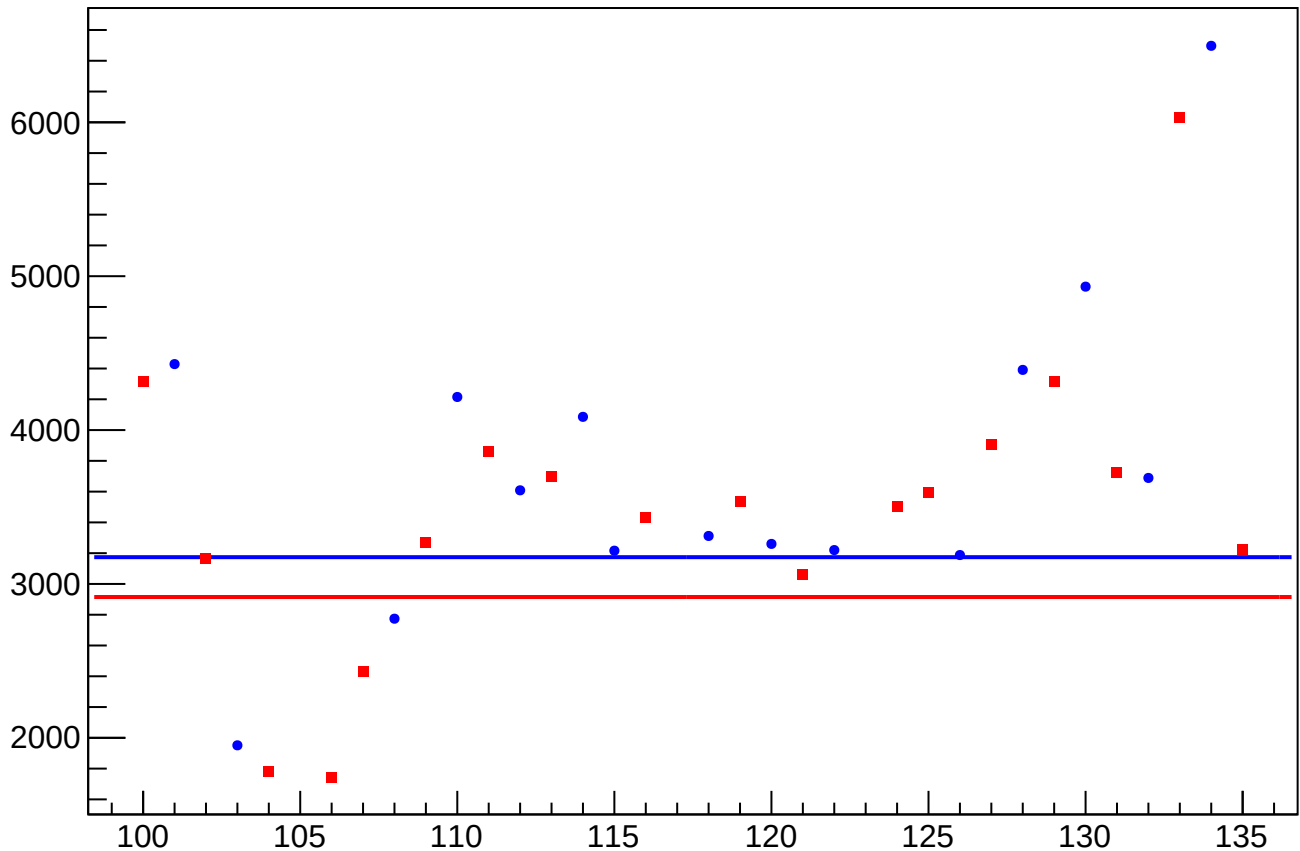
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 229.466+/-869.103 χ^2/NDF : 28.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_cor_correction_rms vs Slug



Right In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2915.083+/-0.815 χ^2/NDF : 1310416.5/17

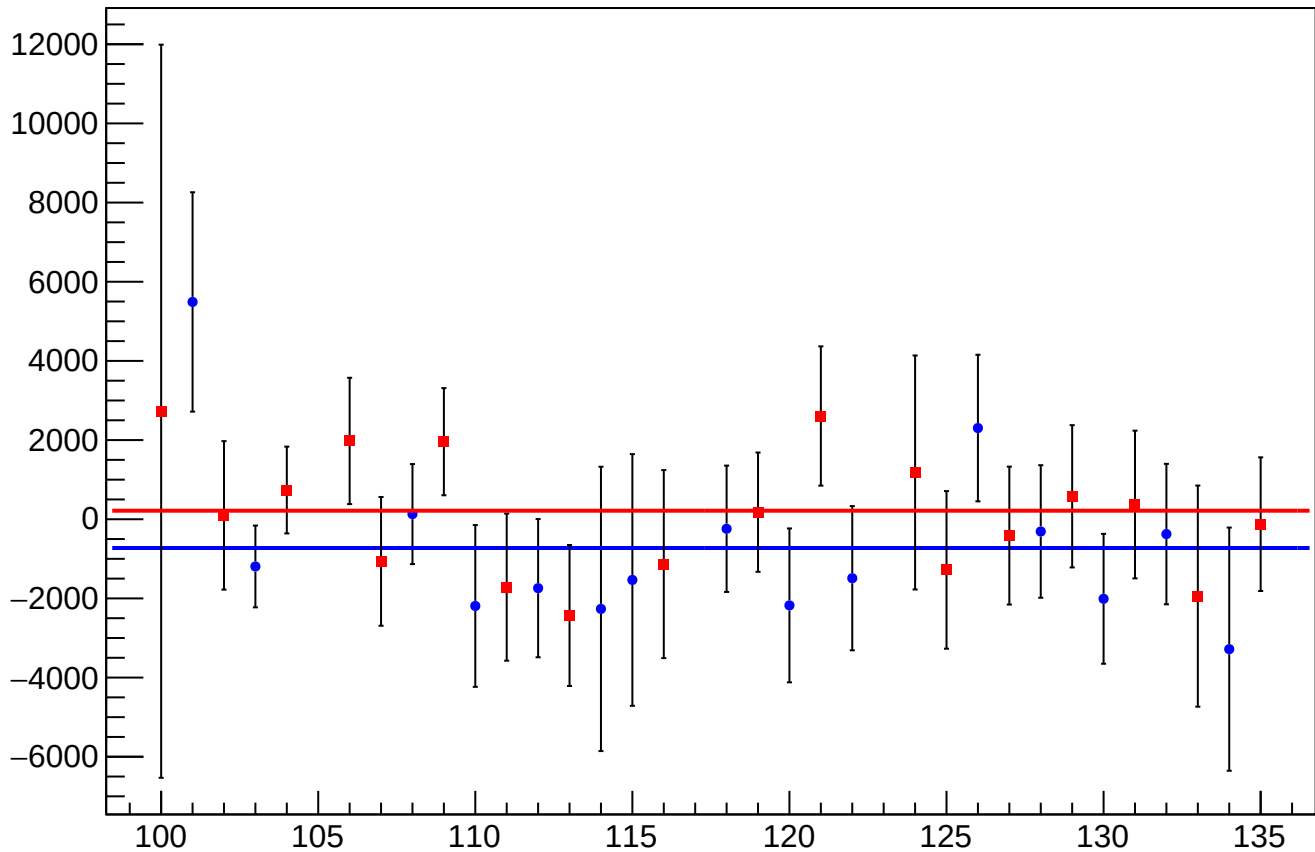
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3026.897+/-0.615 χ^2/NDF : 2444973.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_mean vs Slug



Right In: -726.485+/-454.546 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 215.959+/-416.576 χ^2/NDF : 10.8/17

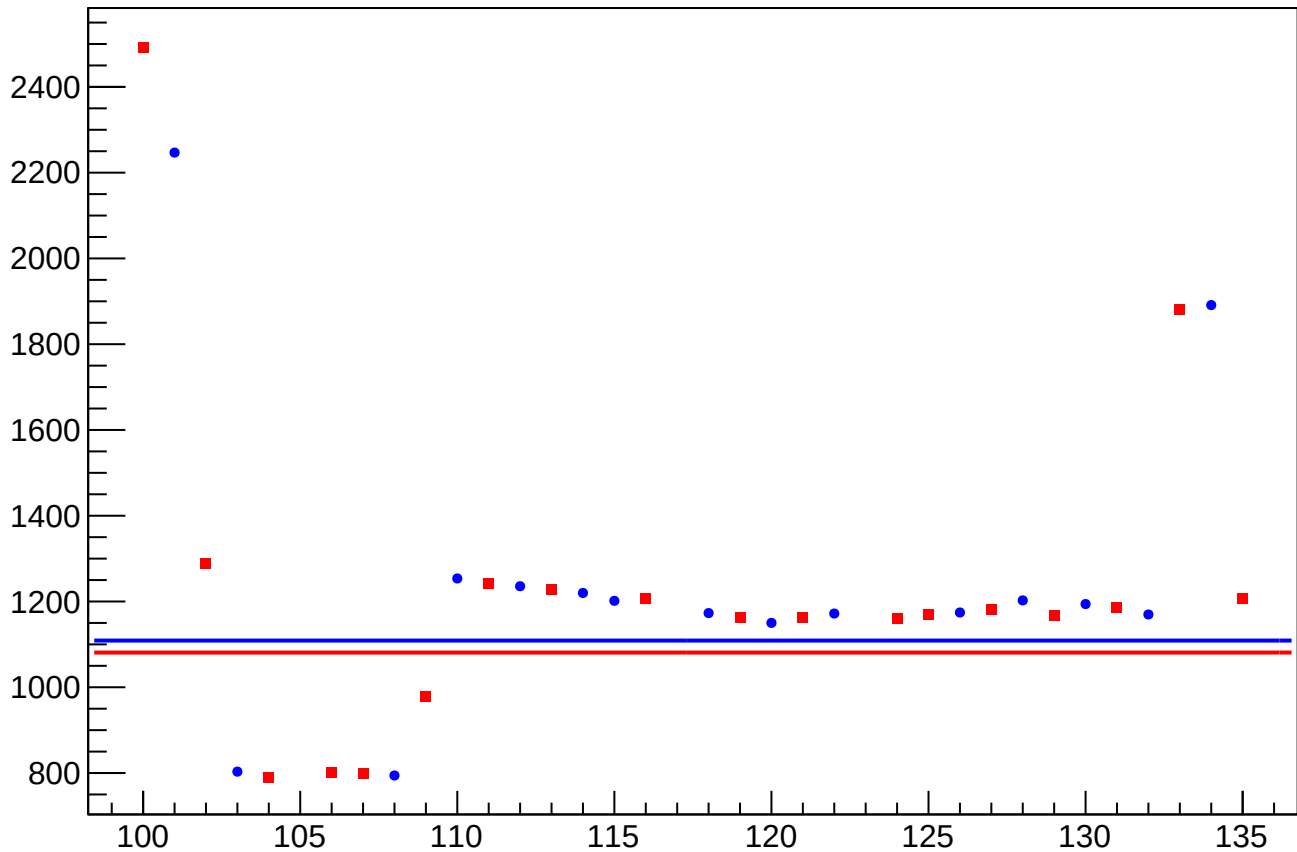
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -214.262+/-307.111 χ^2/NDF : 24.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_usr_atr2_dd_rms vs Slug



Right In: 1108.889+/-0.321 χ^2 /NDF: 813372.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 1080.926+/-0.294 χ^2 /NDF: 592063.9/17

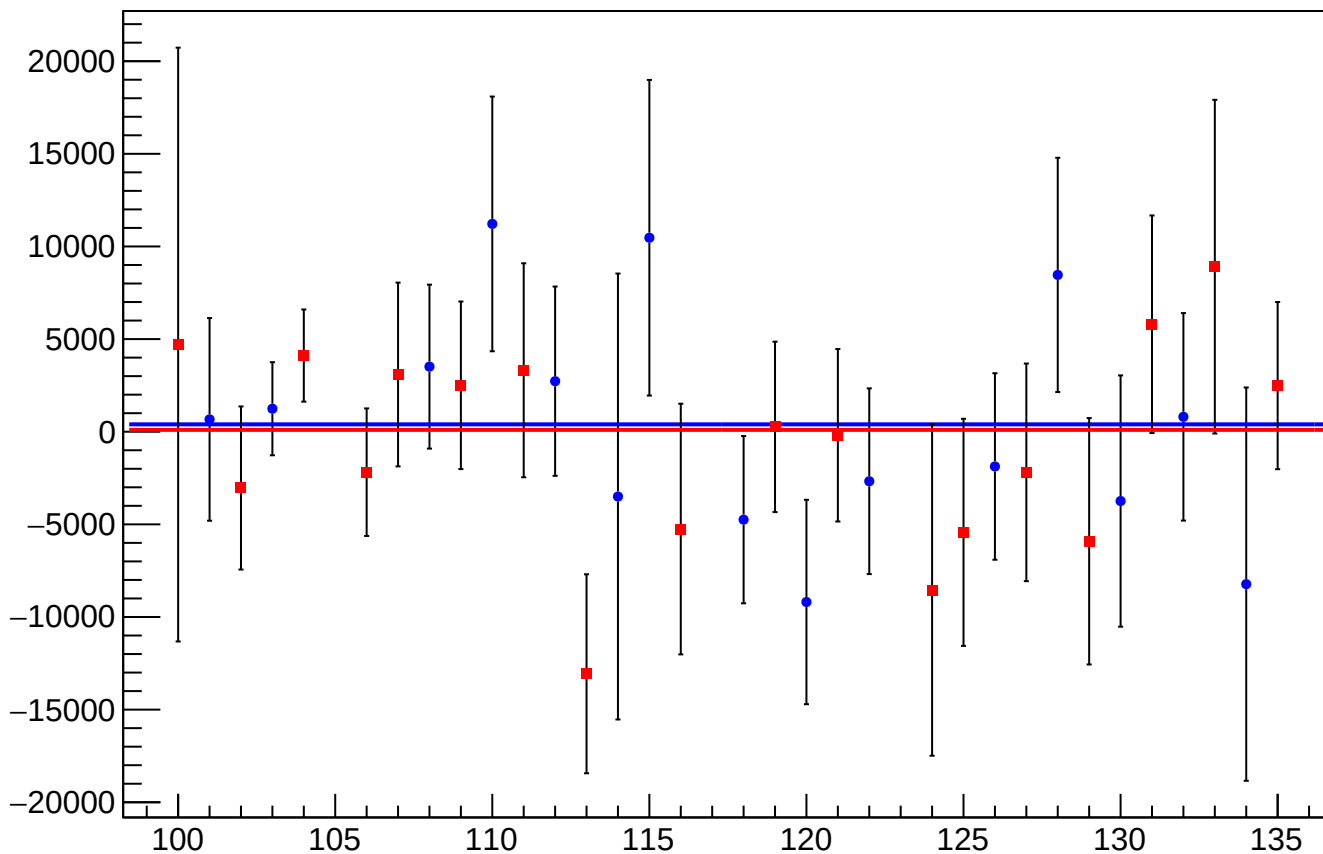
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1093.663+/-0.217 χ^2 /NDF: 1409557.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_mean vs Slug



Right In: 398.358 $\pm$ 1322.466 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.070 $\pm$ 1153.068 χ^2 /NDF: 16.1/17

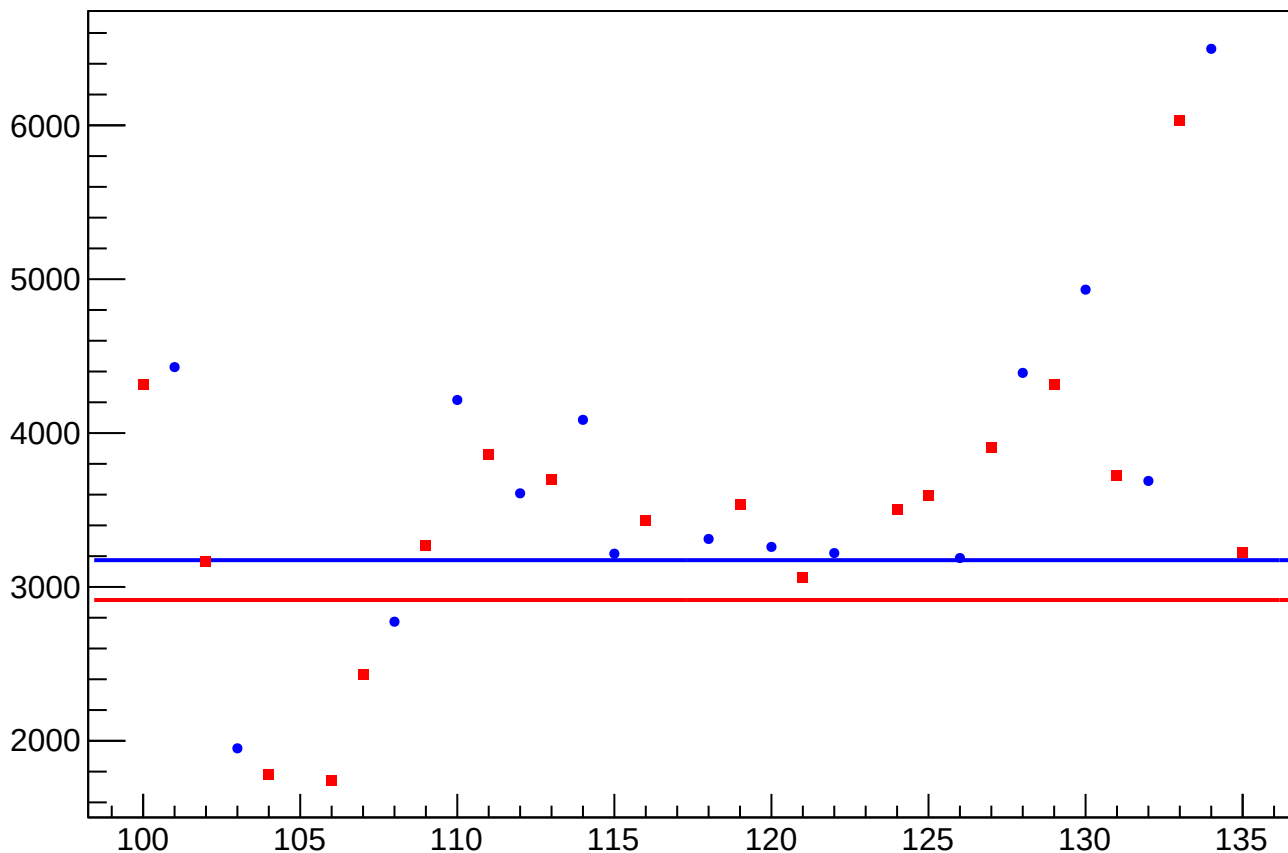
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.466 $\pm$ 869.103 χ^2 /NDF: 28.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_correction_rms vs Slug



Right In: 3173.978+/-0.935 χ^2/NDF : 1091011.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

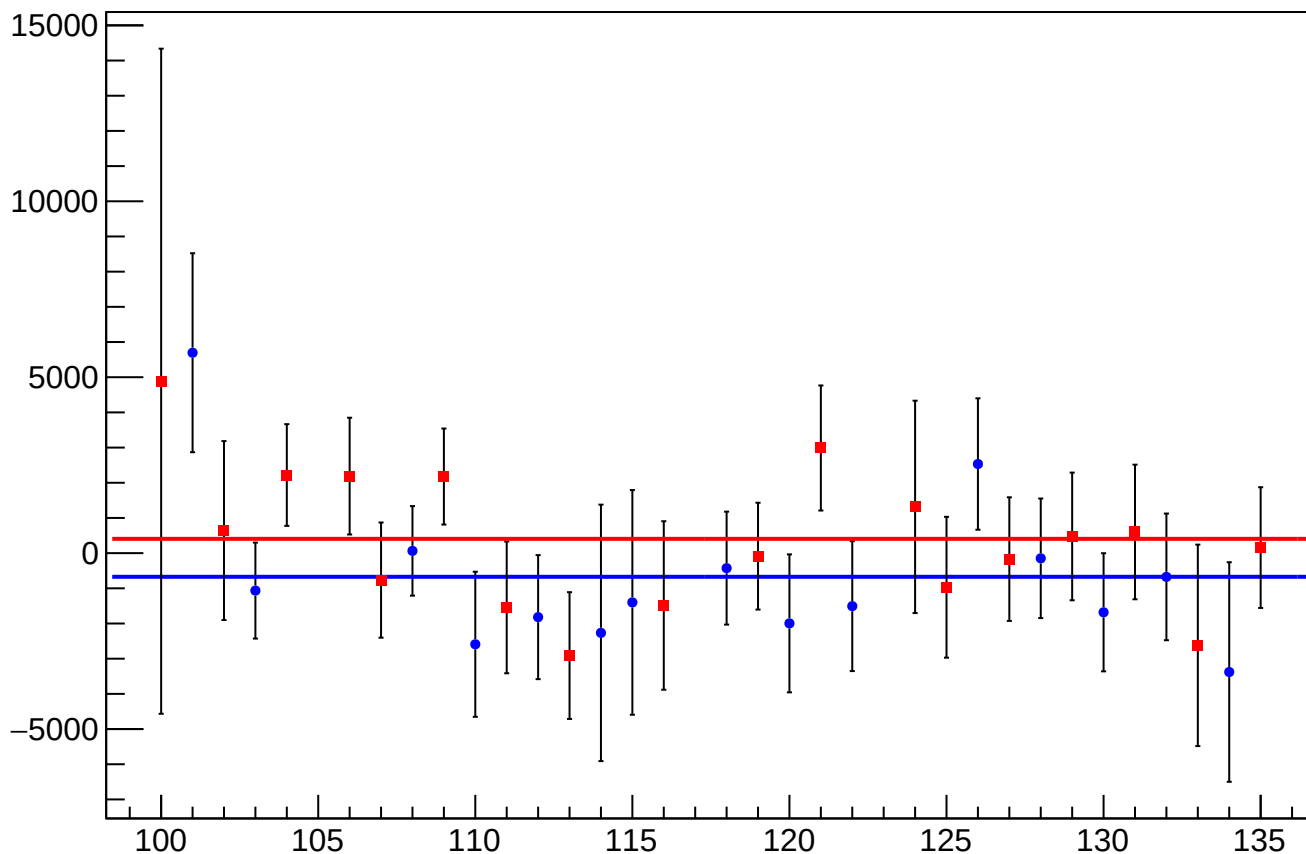
Right Out: 2915.083+/-0.815 χ^2/NDF : 1310416.5/17

All: 3026.897+/-0.615 χ^2/NDF : 2444973.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_mean vs Slug



Right In: -672.399 ± 479.357 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 406.496 ± 440.267 χ^2/NDF : 14.3/17

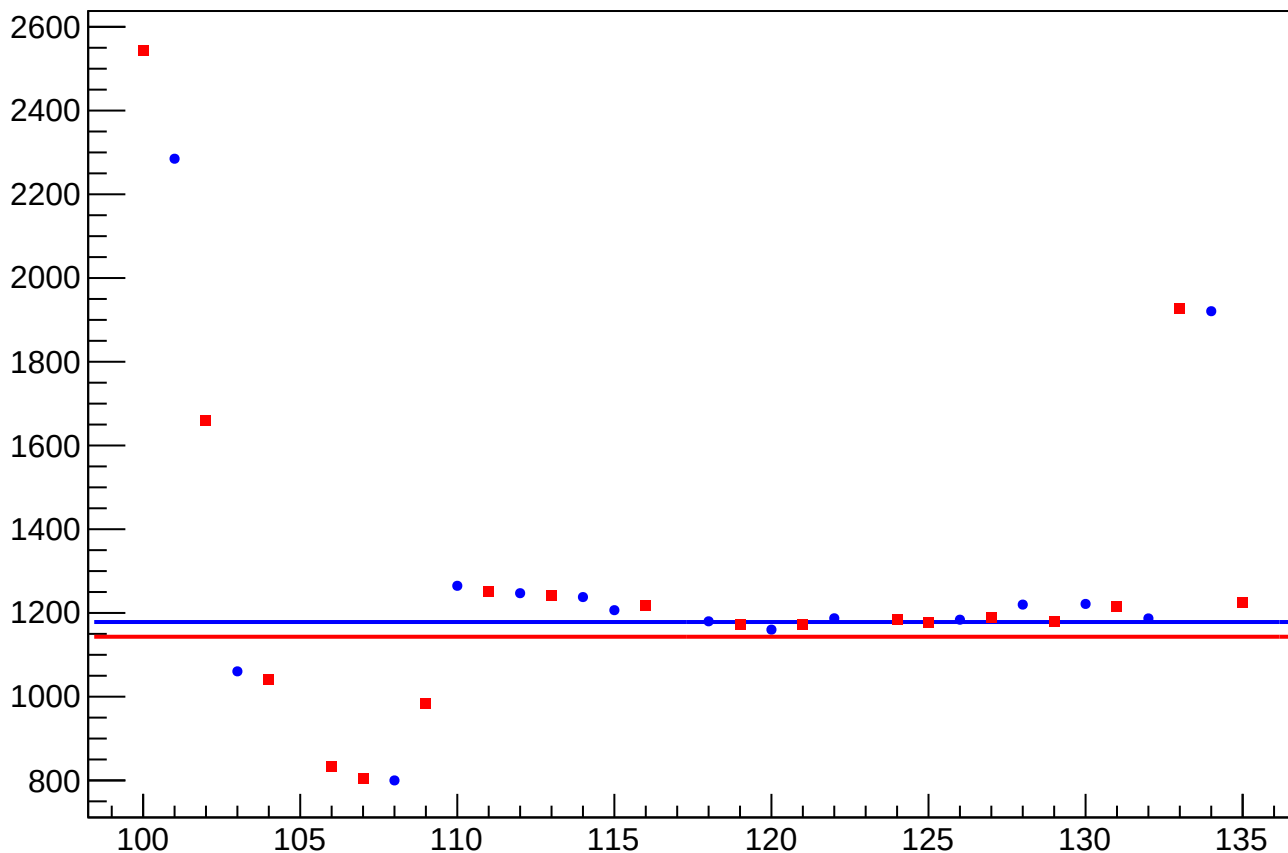
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -87.174 ± 324.256 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1178.349+/-0.339 χ^2/NDF : 621404.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1143.167+/-0.311 χ^2/NDF : 496715.0/17

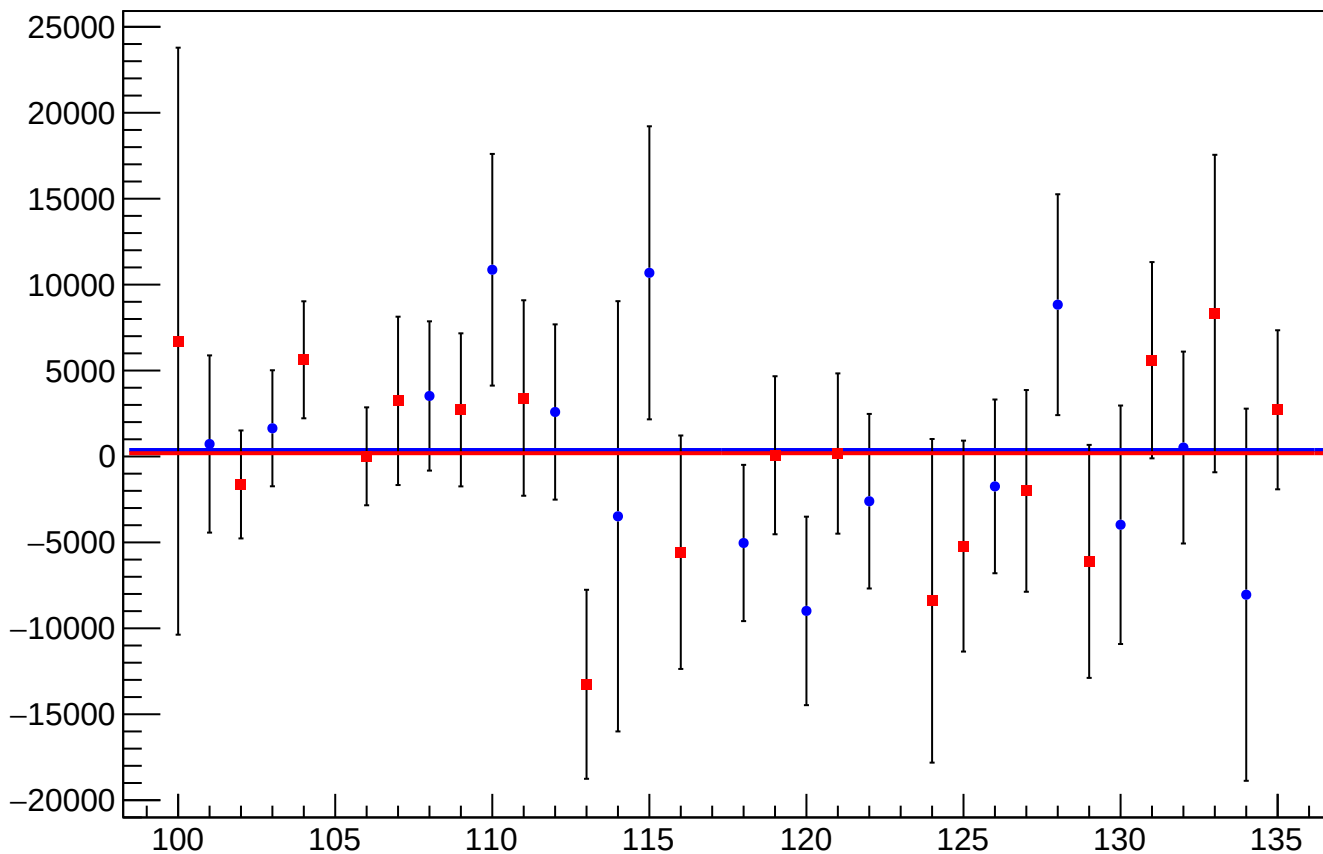
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1159.257+/-0.229 χ^2/NDF : 1123965.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_correction_mean vs Slug



Right In: 375.769 $\pm$ 1408.425 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.664 $\pm$ 1144.823 χ^2 /NDF: 15.3/17

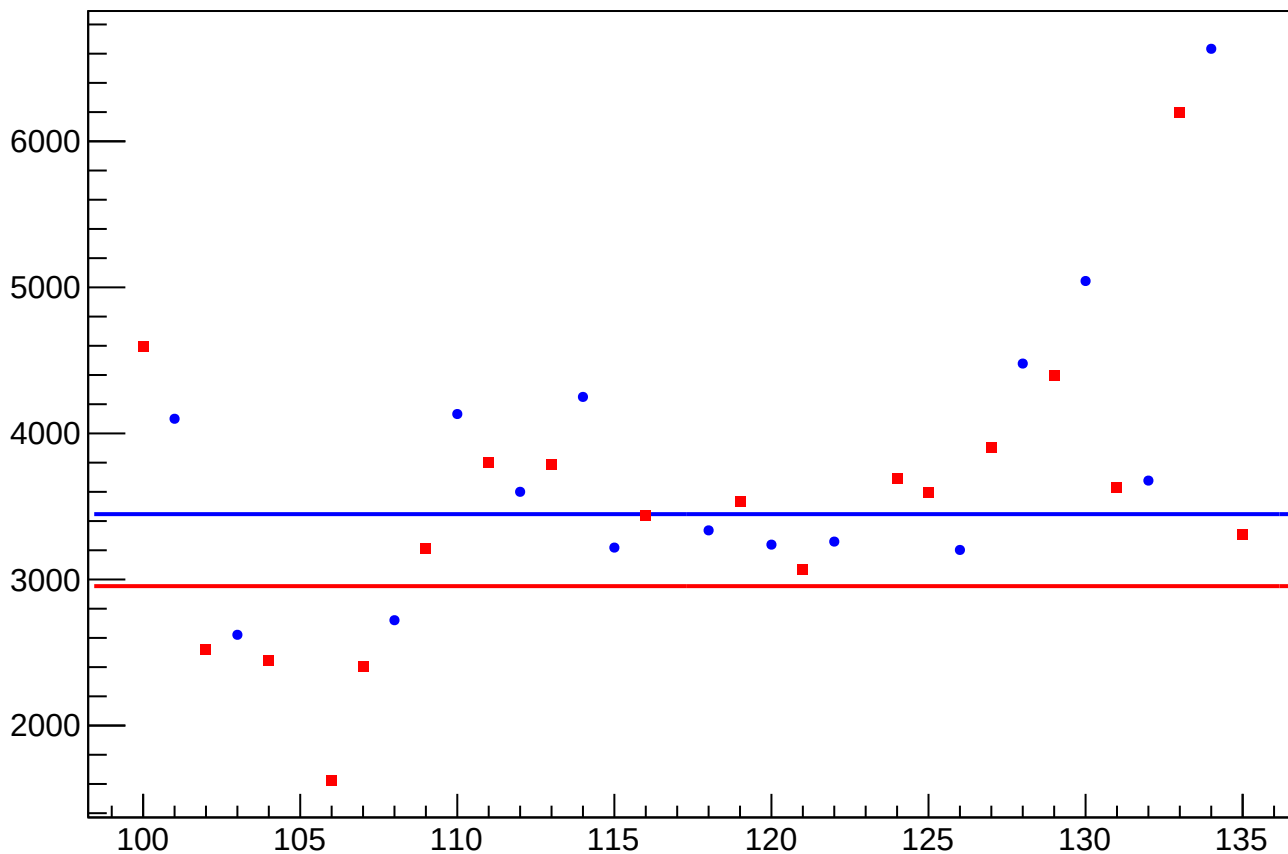
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 264.308 $\pm$ 888.366 χ^2 /NDF: 27.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_correction_rms vs Slug



Right In: 3447.403+/-0.996 χ^2/NDF : 585301.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

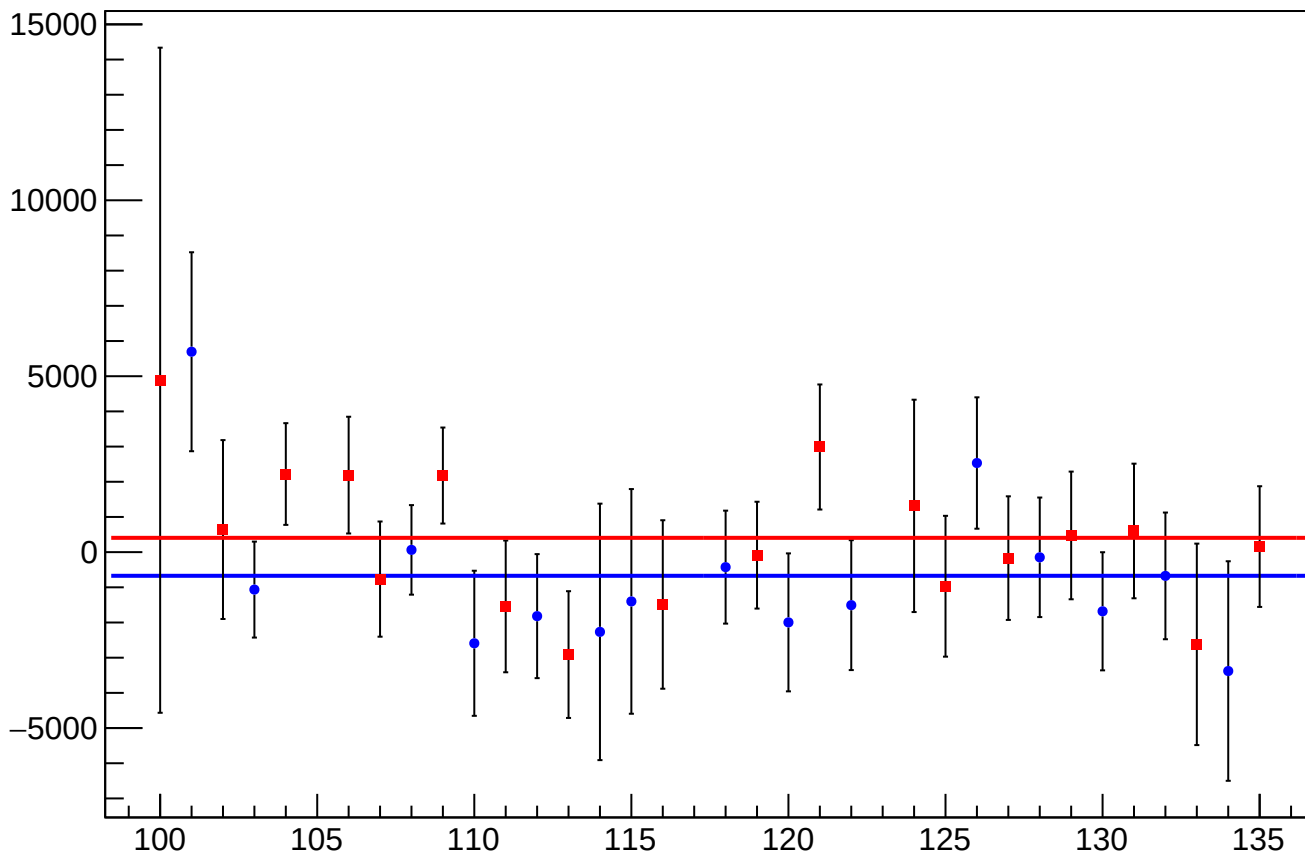
Right Out: 2954.480+/-0.810 χ^2/NDF : 1165914.9/17

All: 3150.588+/-0.628 χ^2/NDF : 1898728.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_mean vs Slug



Right In: -672.397+/-479.357 χ^2/NDF : 11.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 406.502+/-440.267 χ^2/NDF : 14.3/17

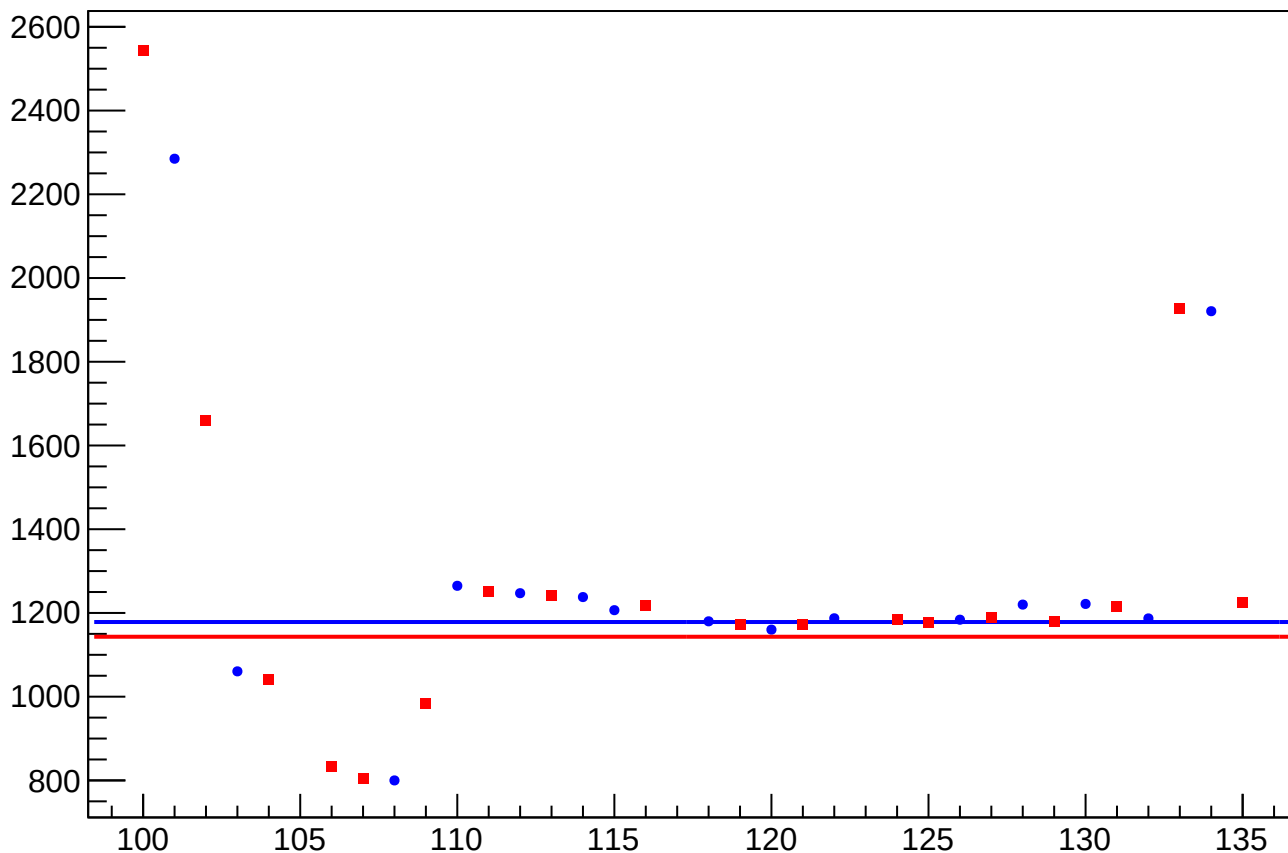
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -87.170+/-324.256 χ^2/NDF : 28.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_usr_atr2_dd_rms vs Slug



Right In: 1178.349+/-0.339 χ^2/NDF : 621404.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1143.167+/-0.311 χ^2/NDF : 496714.5/17

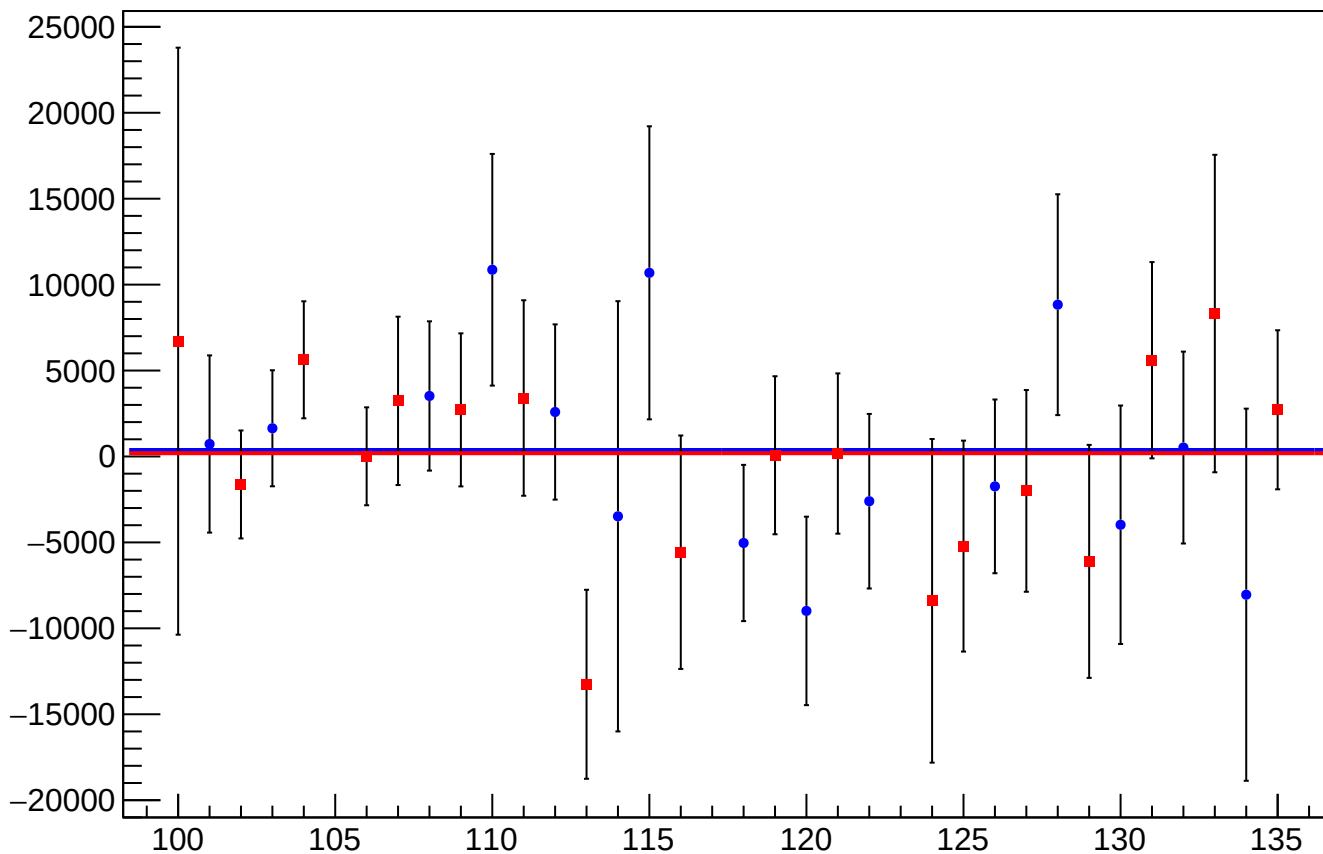
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1159.257+/-0.229 χ^2/NDF : 1123965.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_mean vs Slug



Right In: 375.763 $\pm$ 1408.423 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 190.669 $\pm$ 1144.821 χ^2 /NDF: 15.3/17

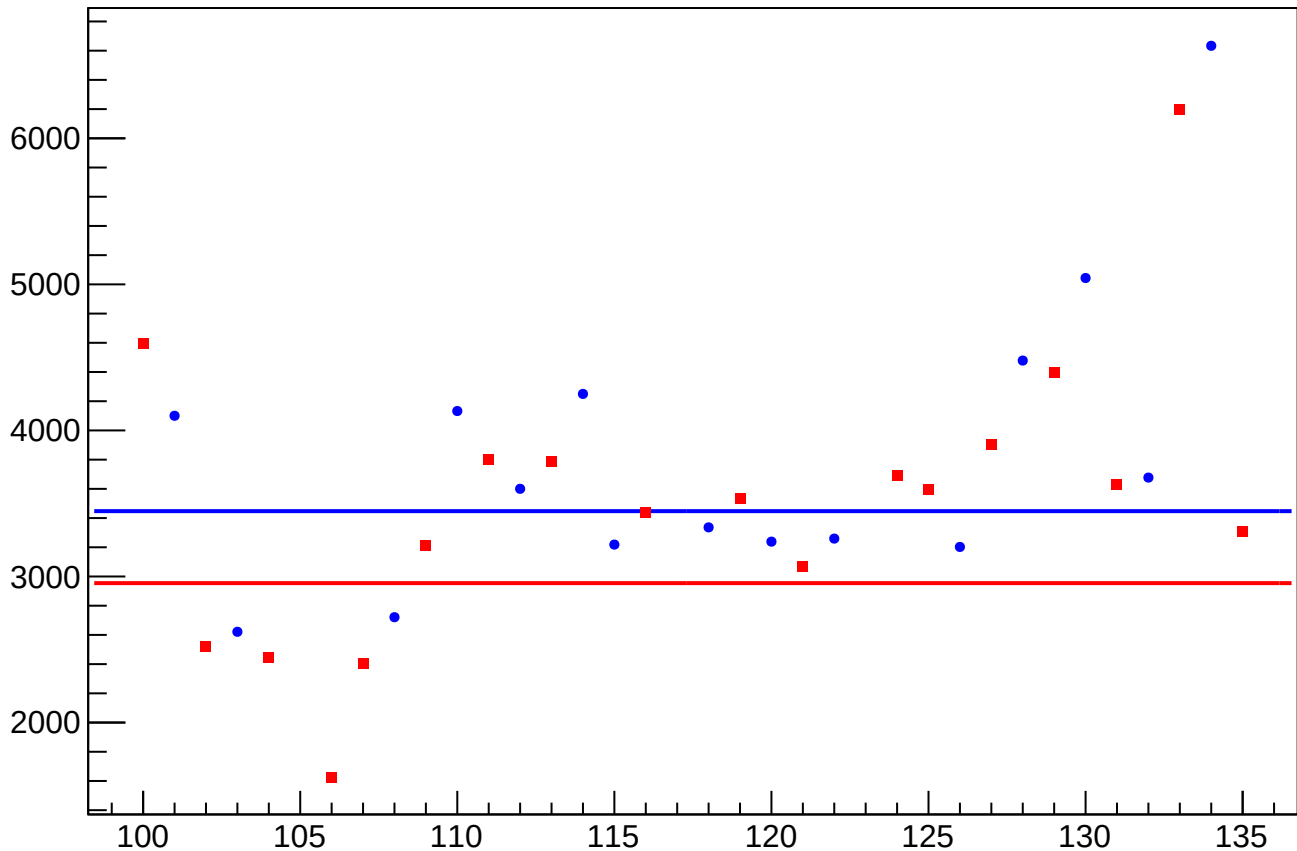
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 264.308 $\pm$ 888.364 χ^2 /NDF: 27.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_dit_correction_rms vs Slug



Right In: 3447.397 $\pm$ 0.996 χ^2 /NDF: 585297.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

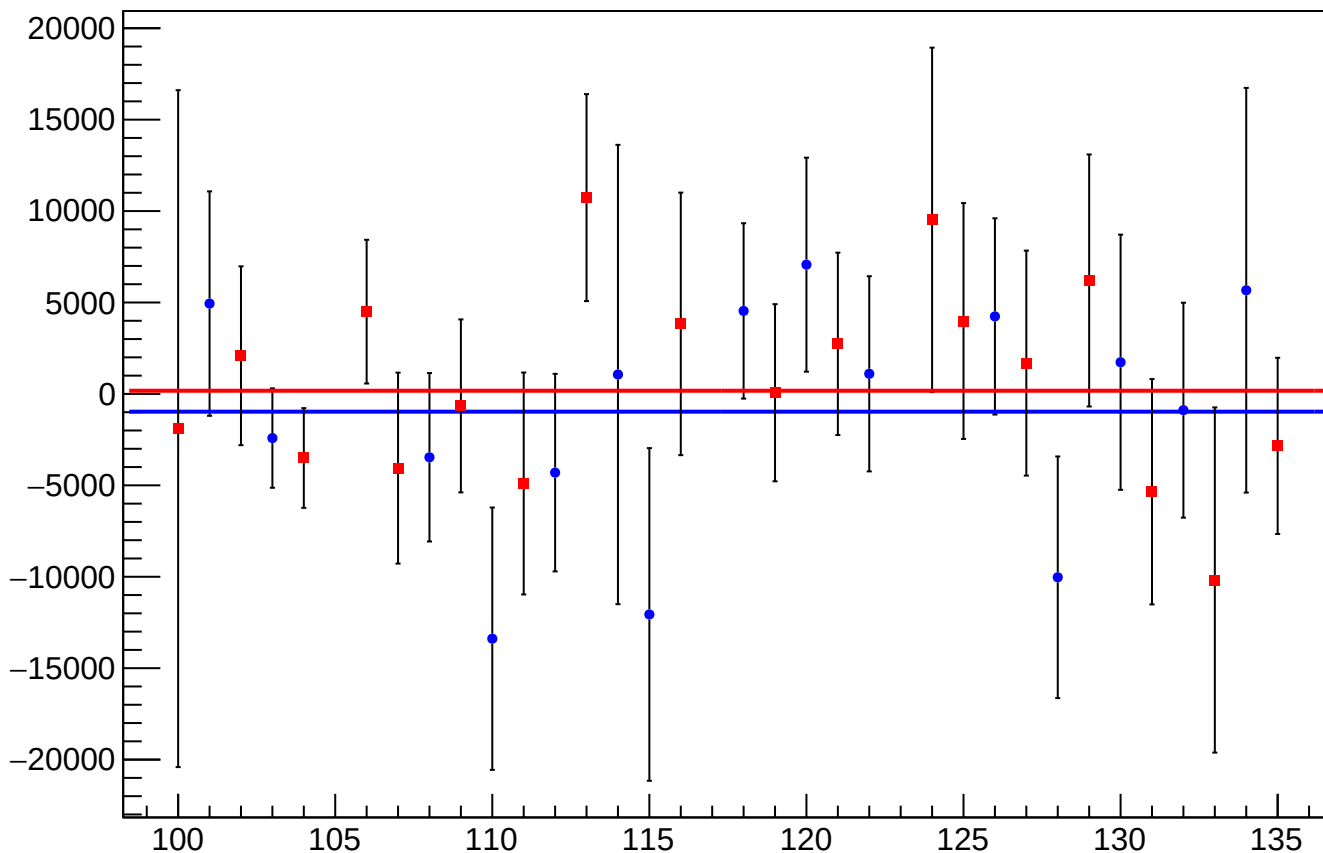
Right Out: 2954.475 $\pm$ 0.810 χ^2 /NDF: 1165914.3/17

All: 3150.583 $\pm$ 0.628 χ^2 /NDF: 1898723.8/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_mean vs Slug



Right In: -970.805+/-1408.214 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.541+/-1240.905 χ^2/NDF : 13.1/17

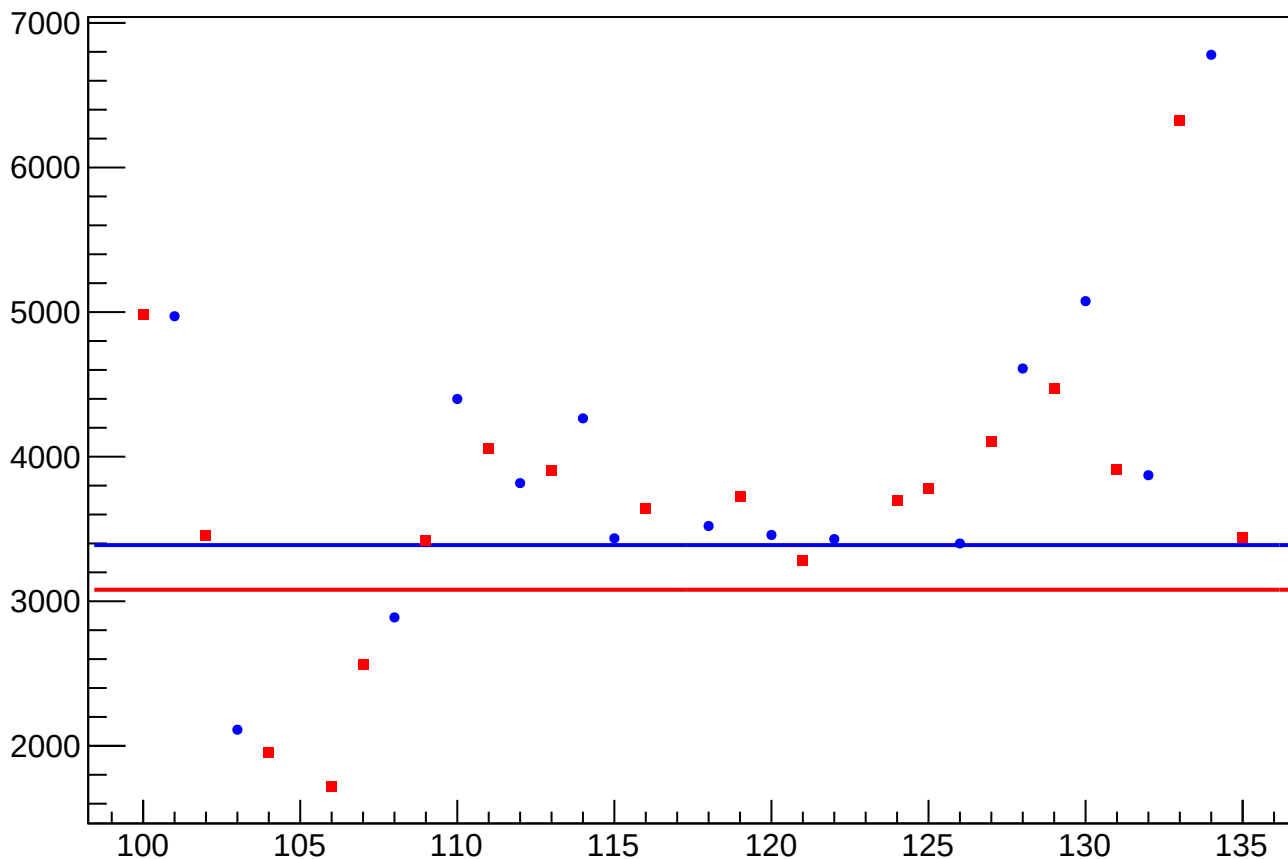
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -326.083+/-931.014 χ^2/NDF : 26.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_rms vs Slug



Right In: 3388.522+/-0.996 χ^2/NDF : 1048526.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3079.580+/-0.862 χ^2/NDF : 1325228.9/17

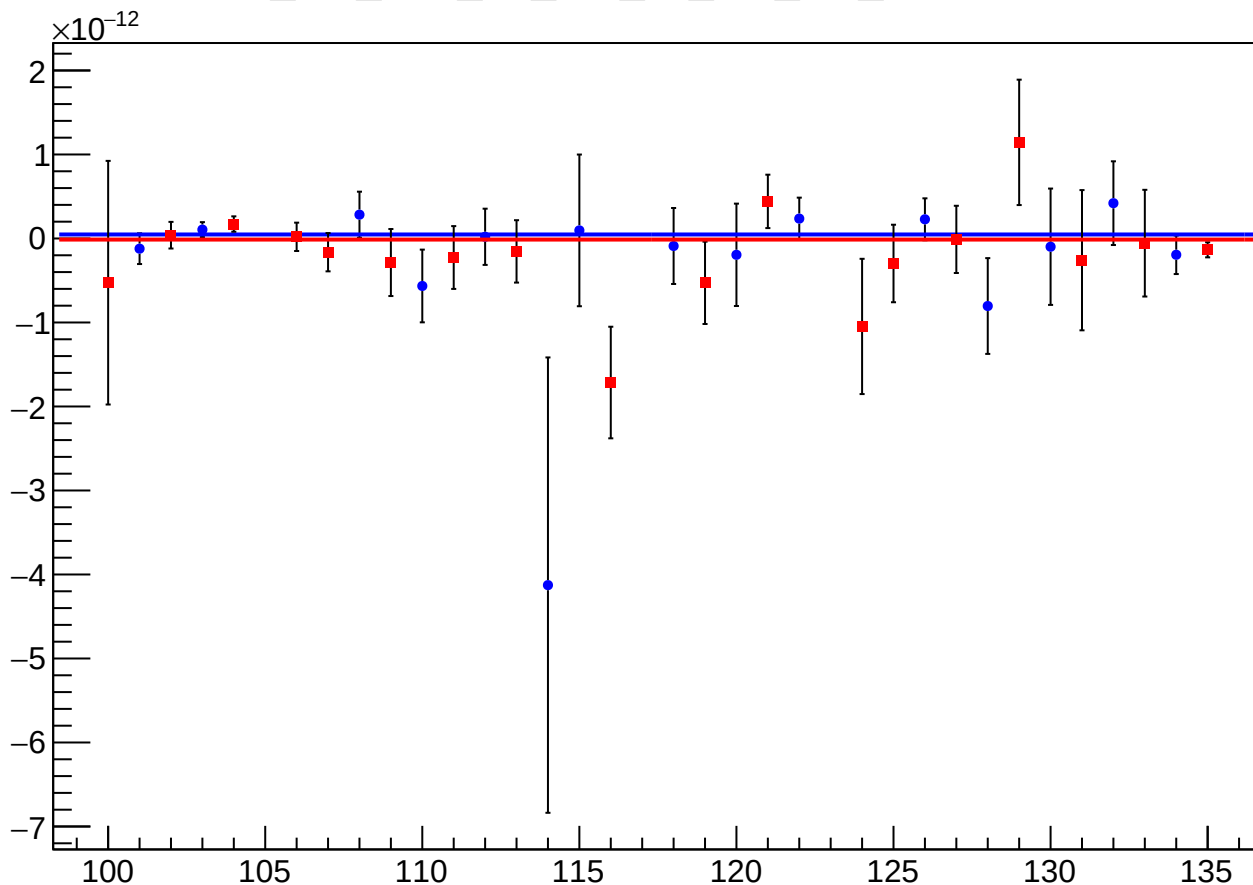
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3211.986+/-0.652 χ^2/NDF : 2428760.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 21.8/17

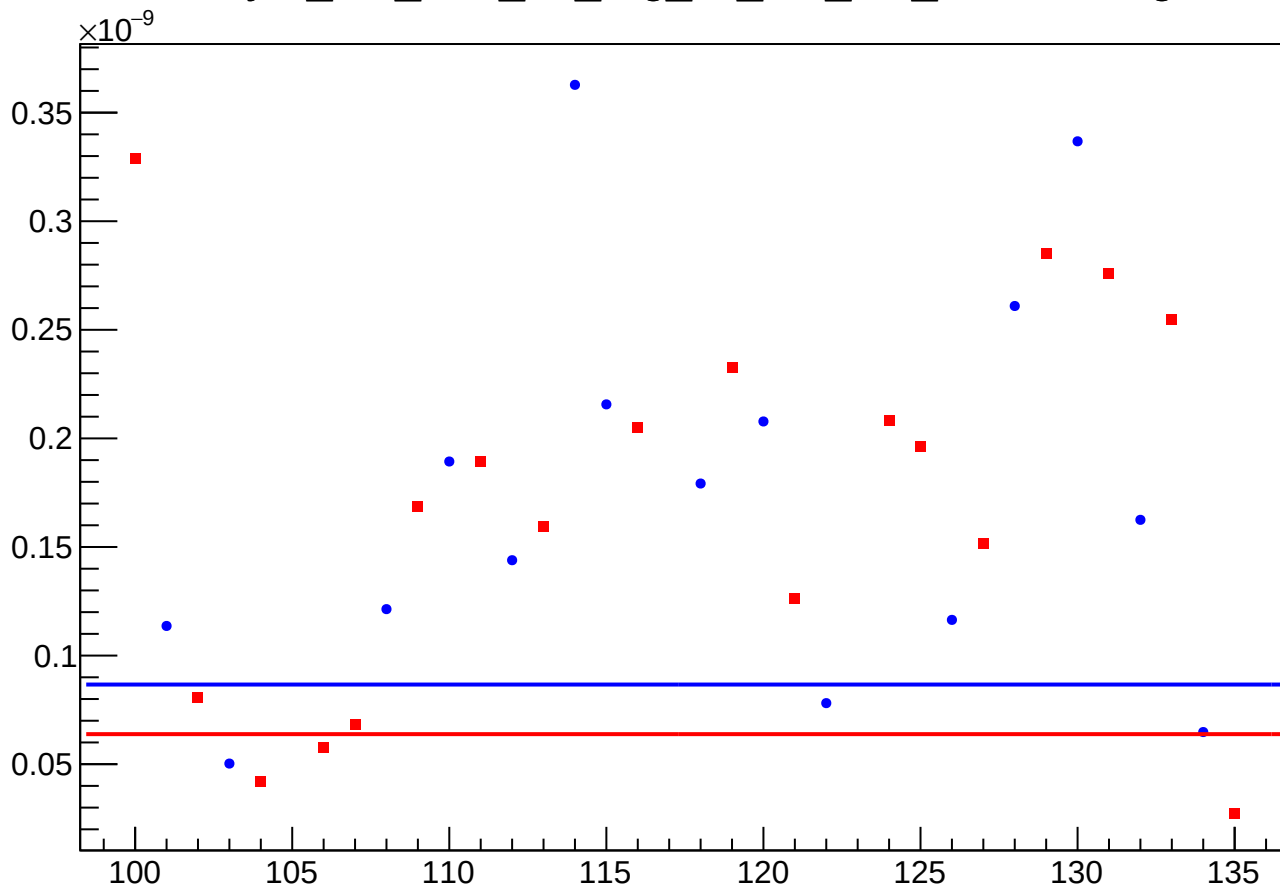
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1348651.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2249646.3/17

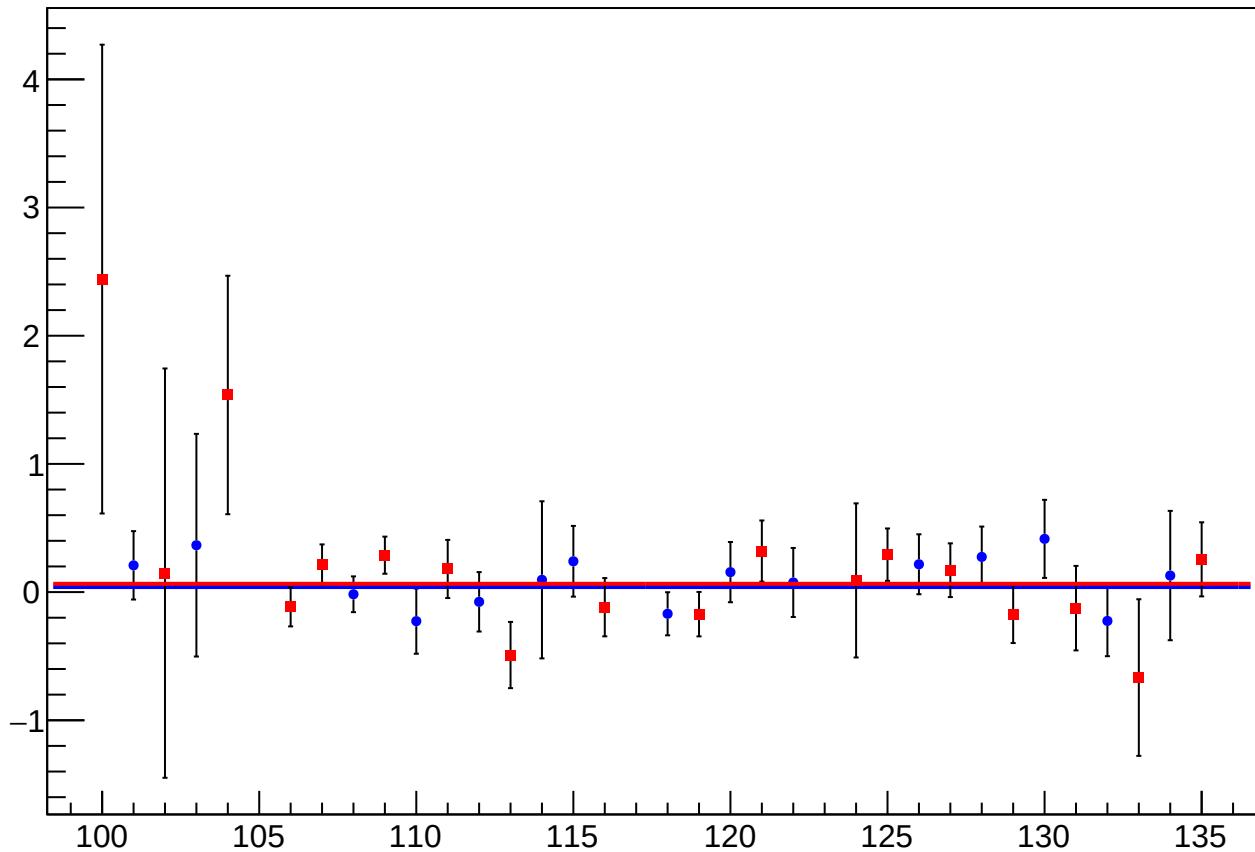
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3758839.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.064 χ^2 /NDF: 8.4/14

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

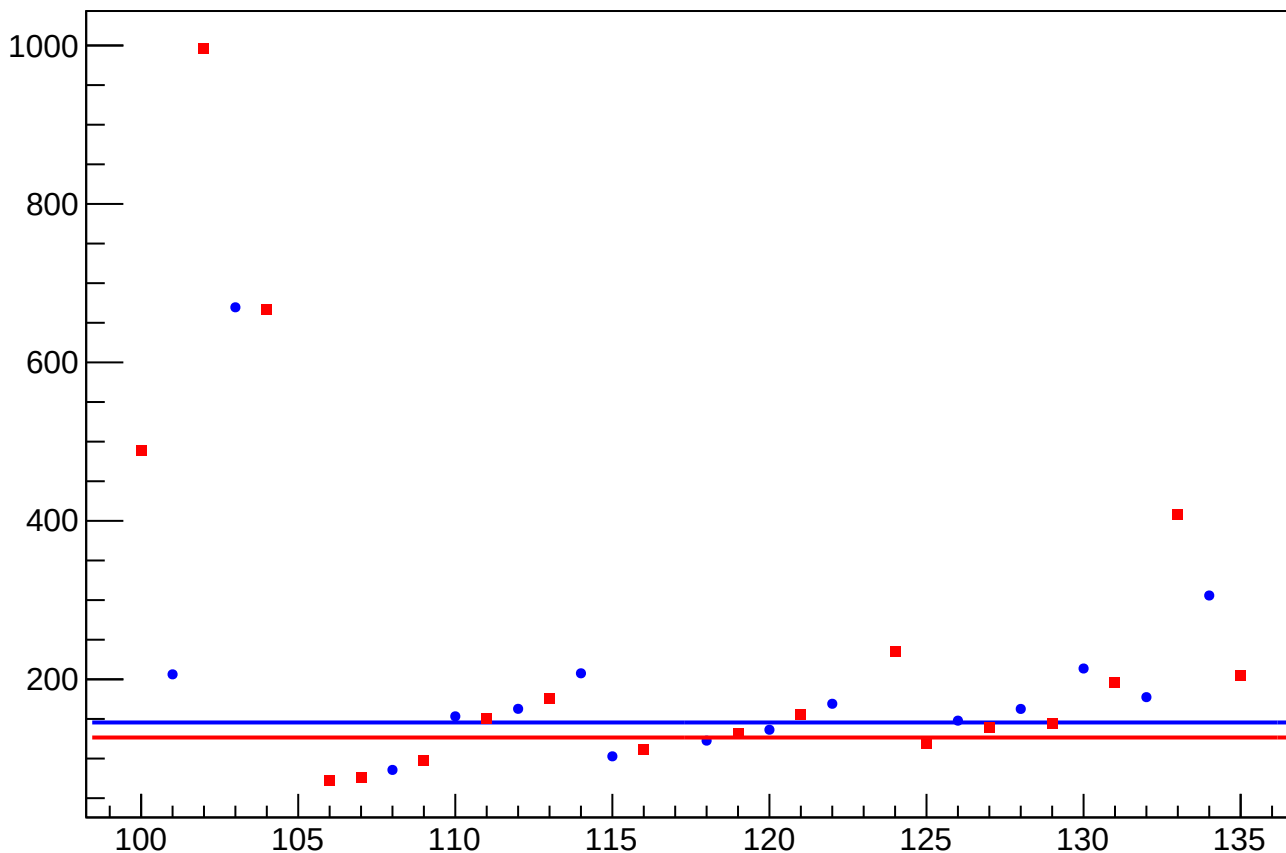
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.054 $\pm$ 0.042 χ^2 /NDF: 30.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_cor_diff_rms vs Slug



Right In: 145.538+/-0.045 χ^2/NDF : 1676095.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.569+/-0.039 χ^2/NDF : 2780120.6/17

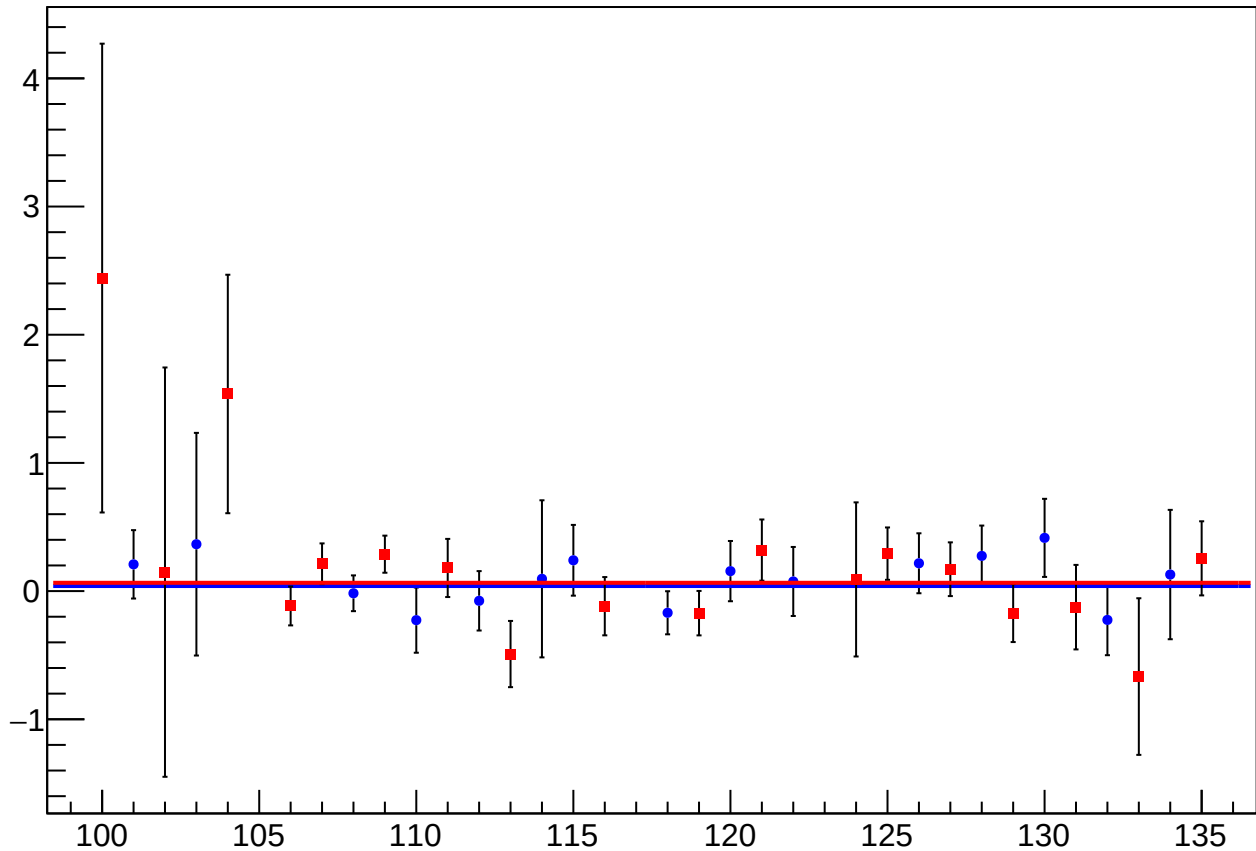
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.704+/-0.029 χ^2/NDF : 4558114.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039 $\pm$ 0.064 χ^2 /NDF: 8.4/14

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

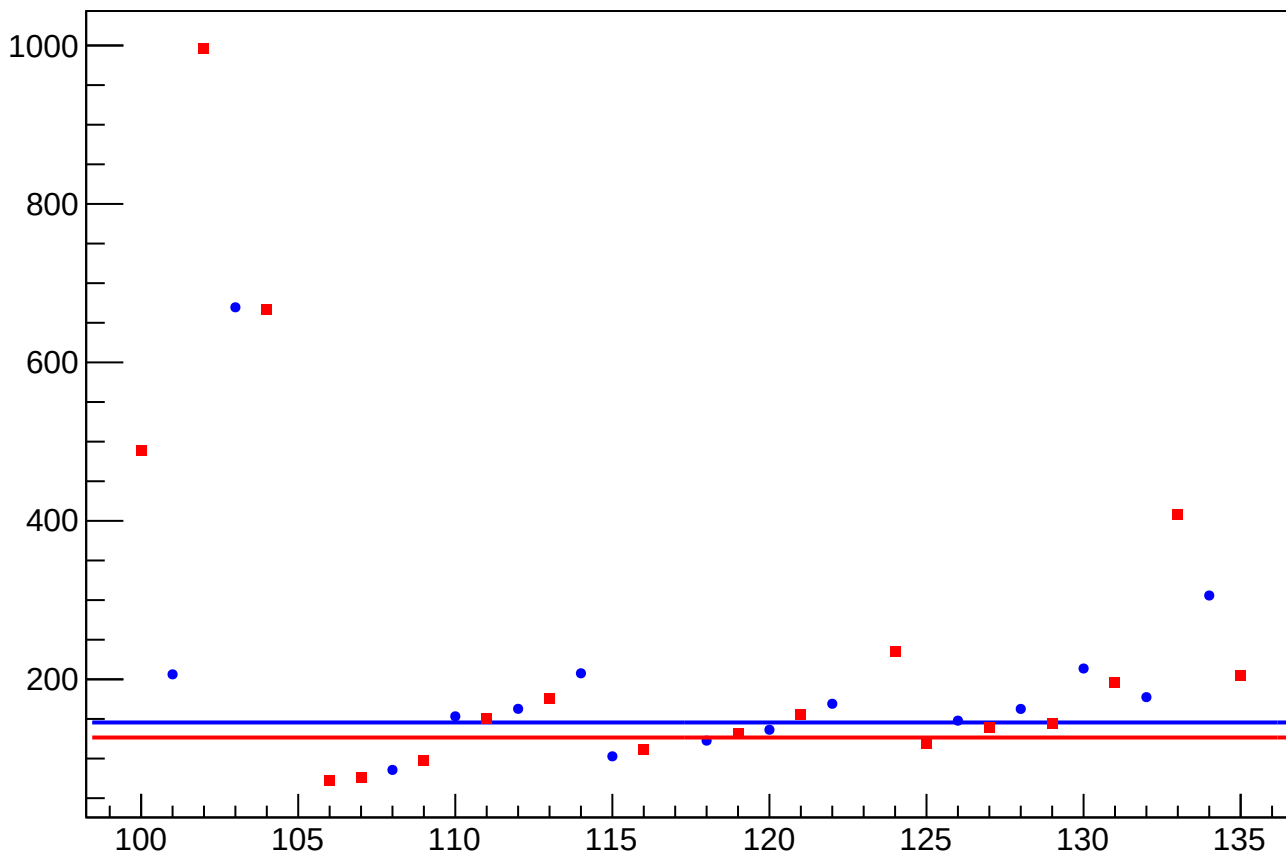
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.054 $\pm$ 0.042 χ^2 /NDF: 30.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 145.538+/-0.045 χ^2/NDF : 1676095.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.569+/-0.039 χ^2/NDF : 2780120.6/17

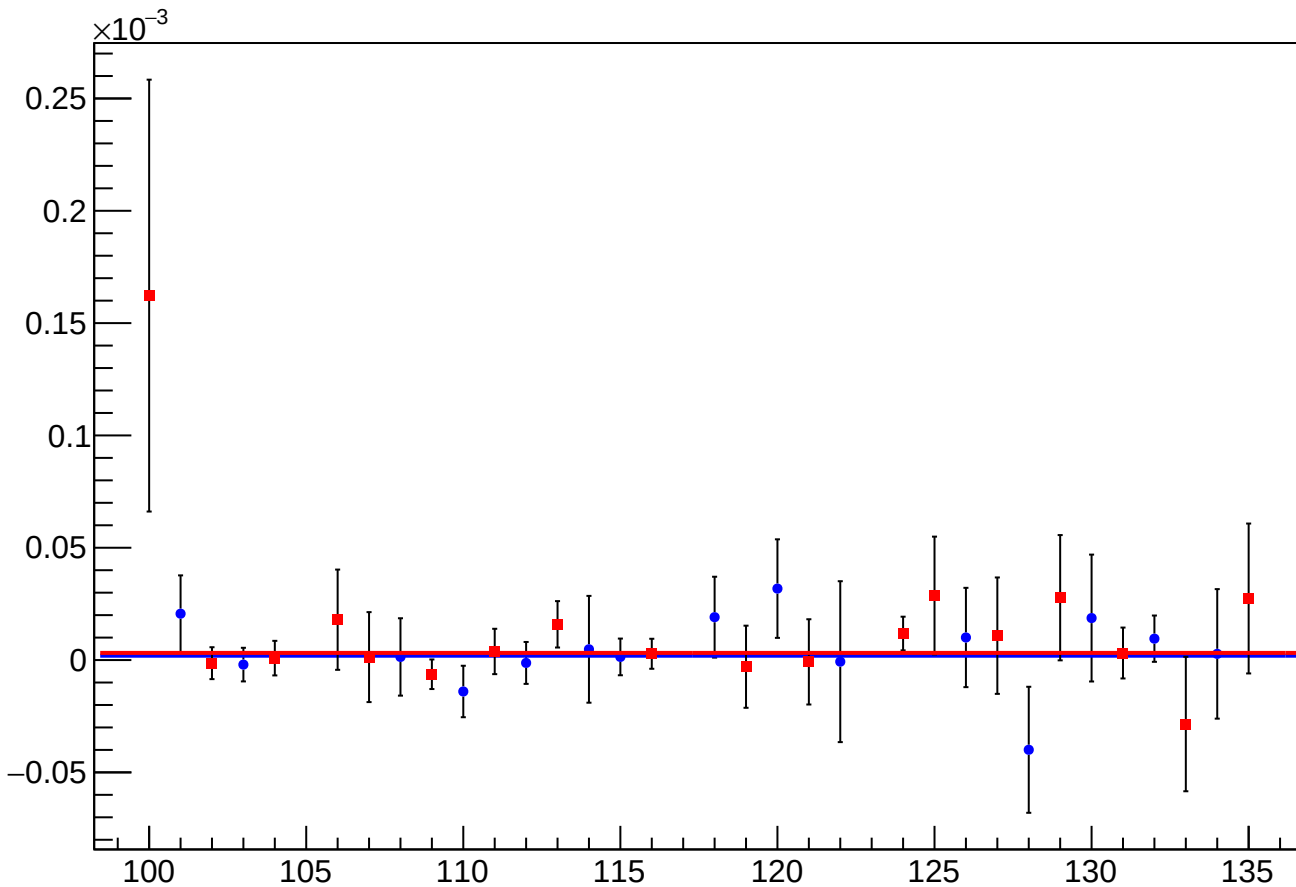
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.704+/-0.029 χ^2/NDF : 4558114.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.2/17

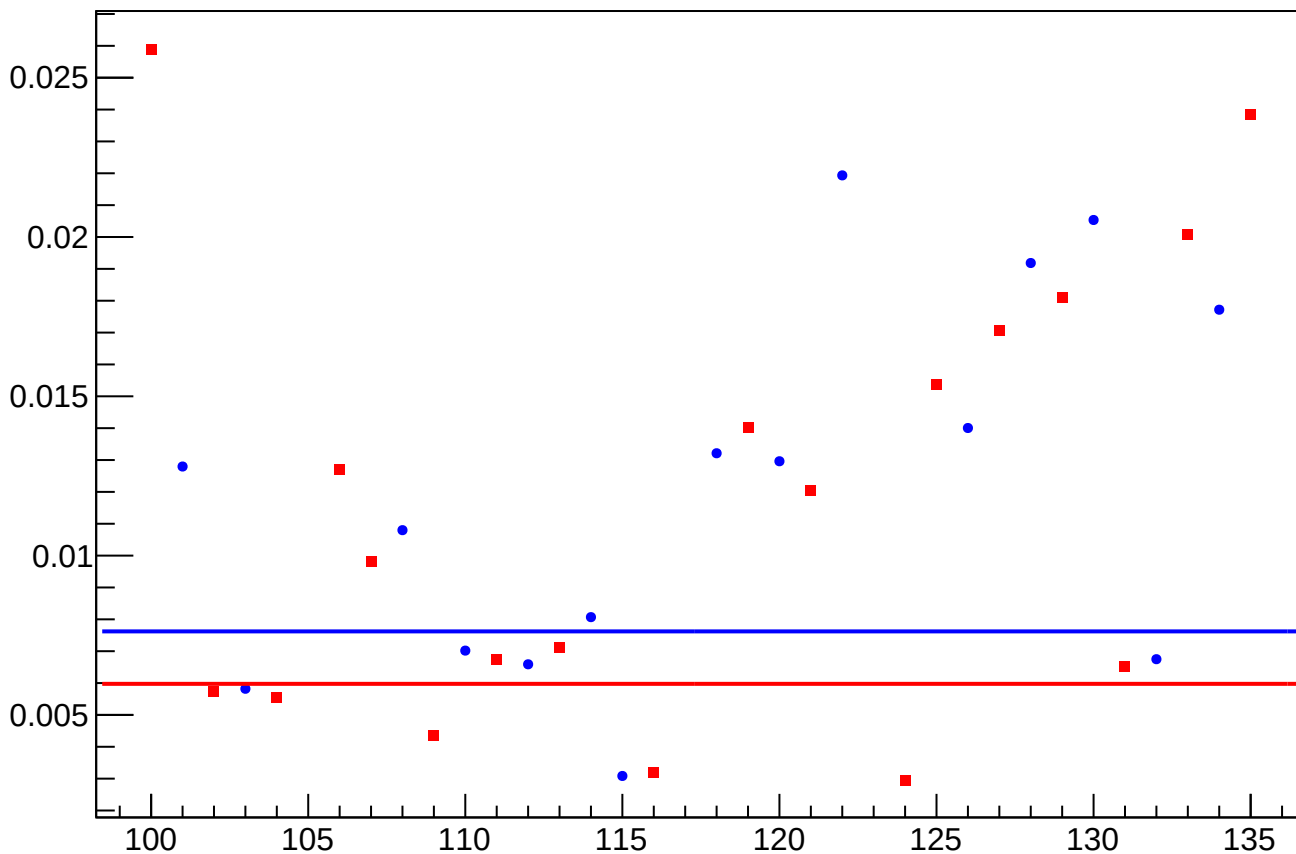
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 21.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 2831357.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 3796163.3/17

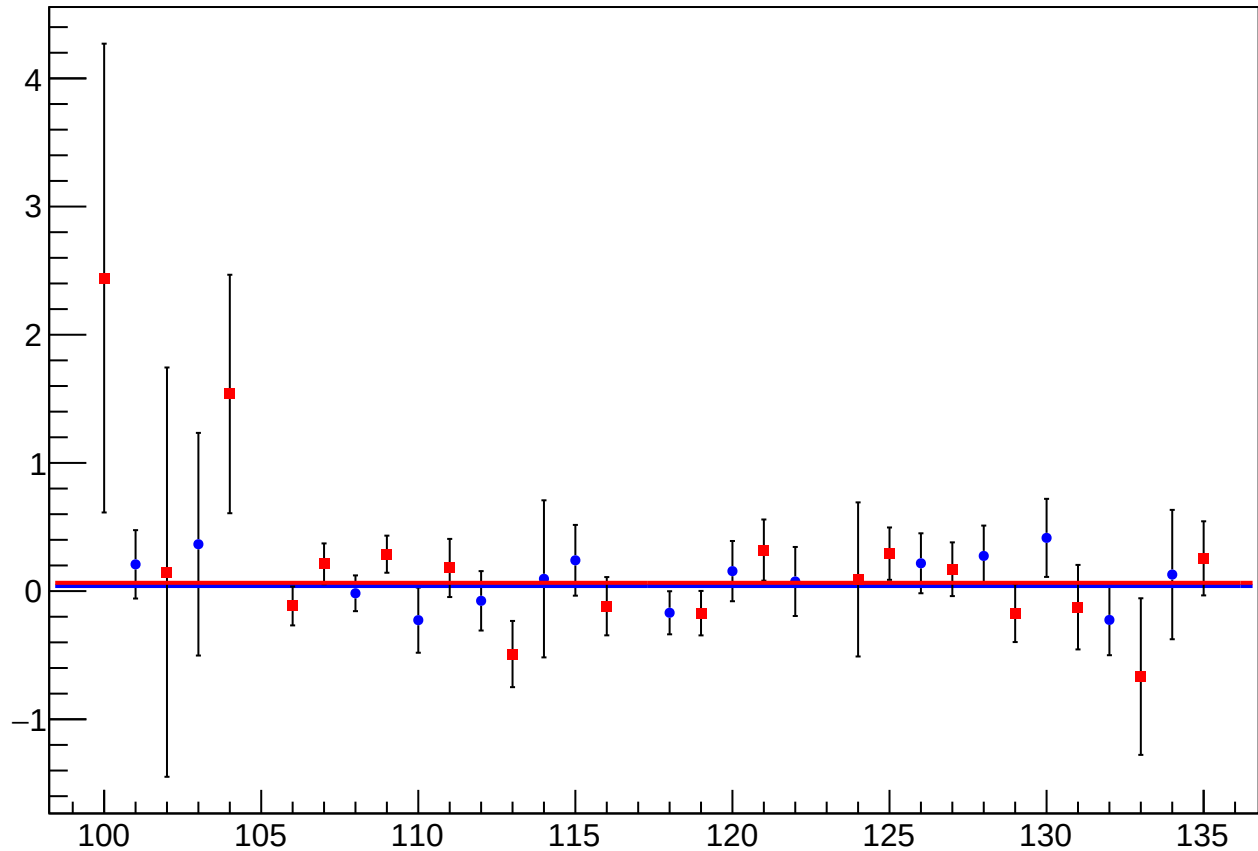
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 6909784.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.055 χ^2/NDF : 22.2/17

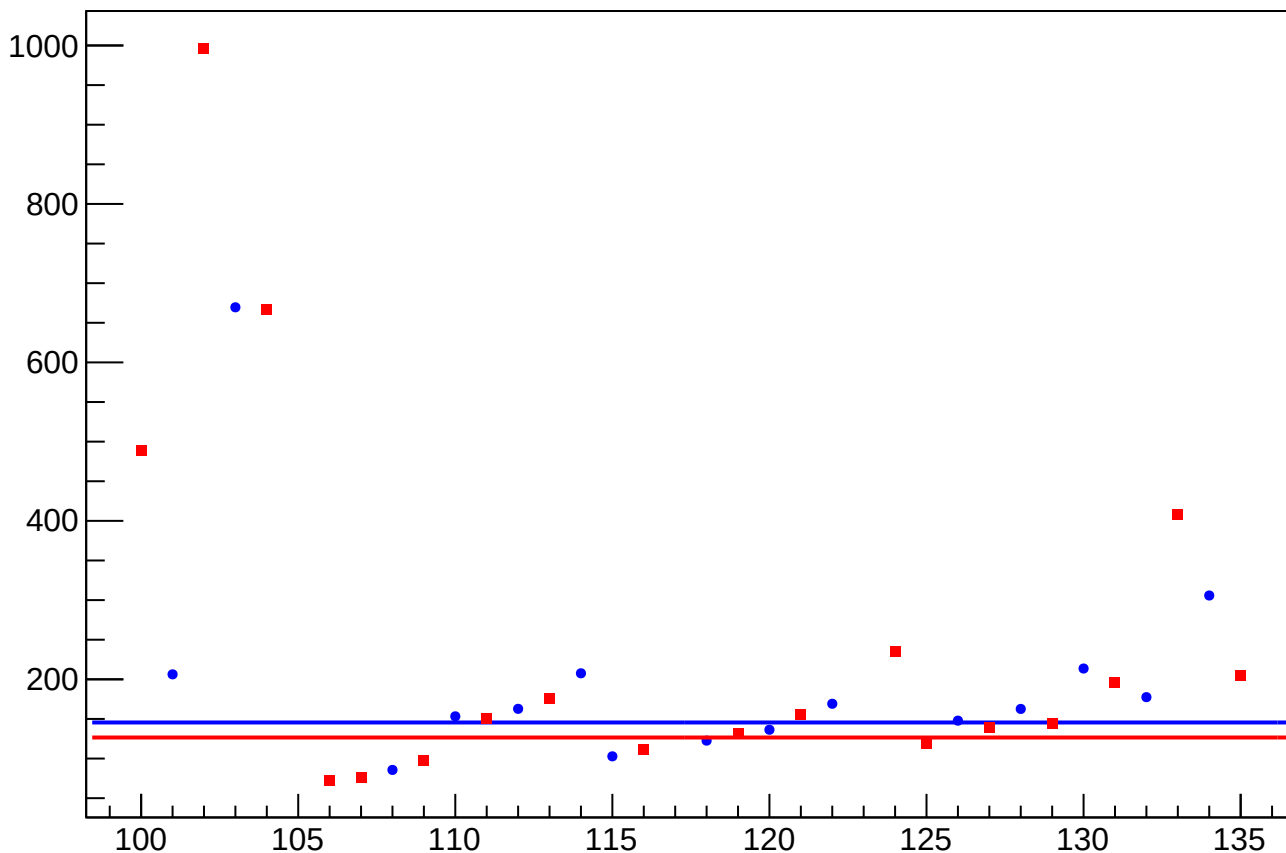
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.042 χ^2/NDF : 30.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 145.535+/-0.045 χ^2/NDF : 1676156.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.569+/-0.039 χ^2/NDF : 2780105.8/17

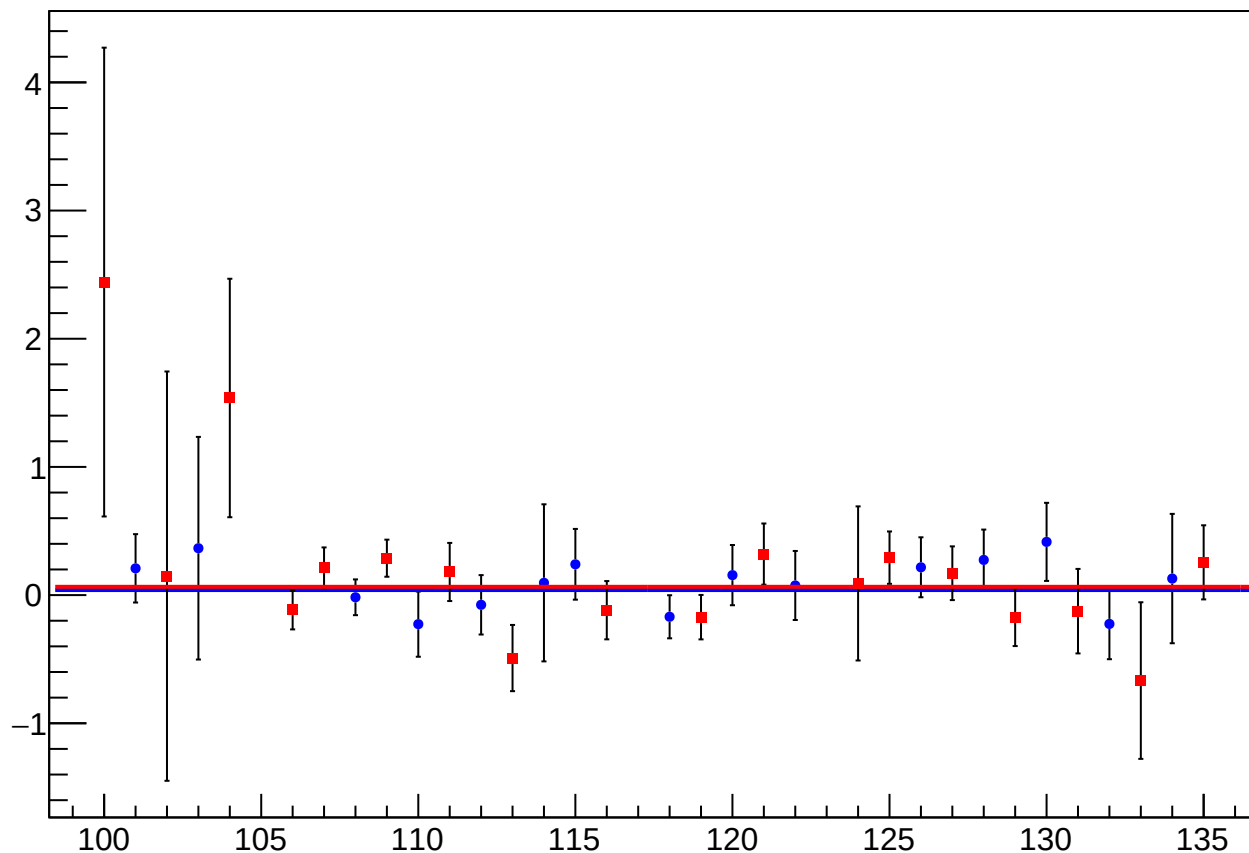
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.703+/-0.029 χ^2/NDF : 4558130.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.039+/-0.064 χ^2/NDF : 8.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.065+/-0.055 χ^2/NDF : 22.2/17

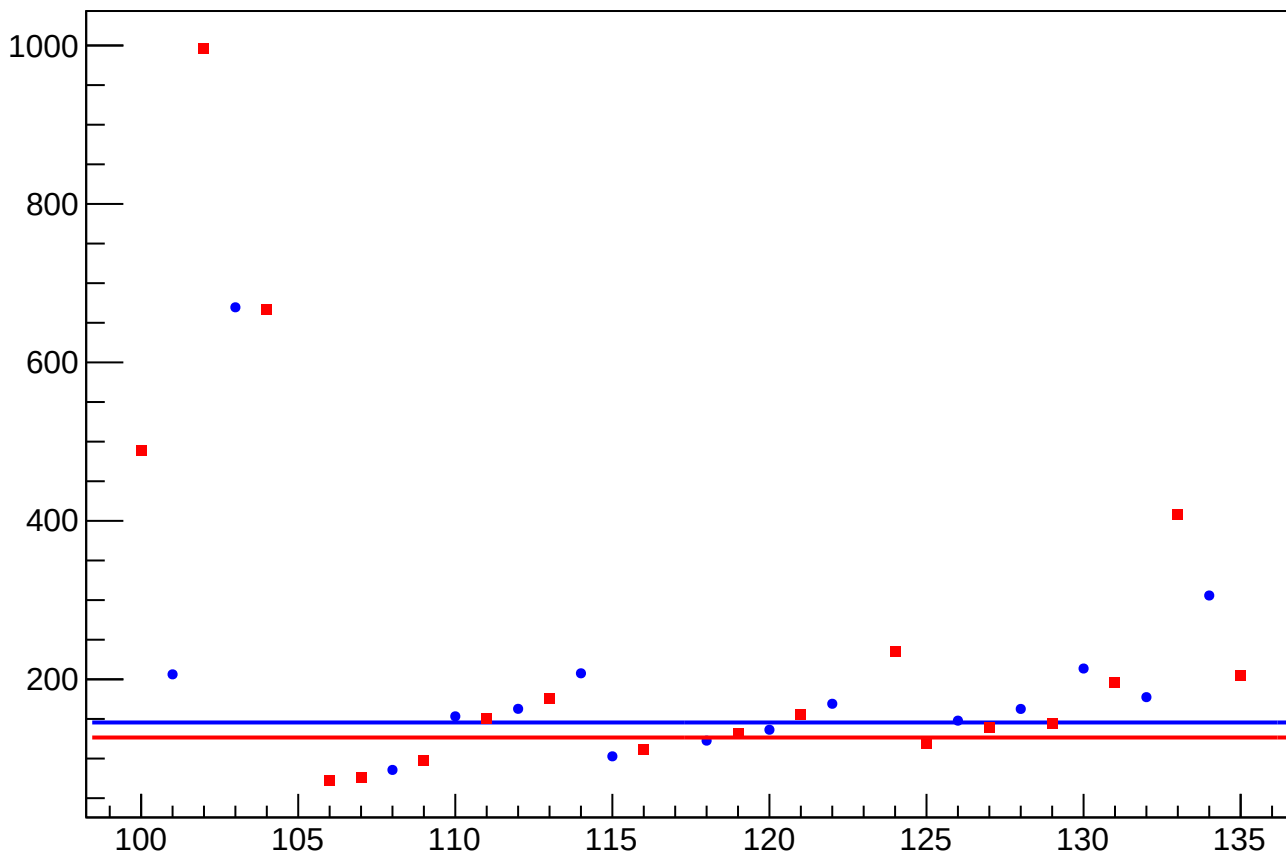
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.054+/-0.042 χ^2/NDF : 30.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 145.535+/-0.045 χ^2/NDF : 1676156.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.569+/-0.039 χ^2/NDF : 2780105.8/17

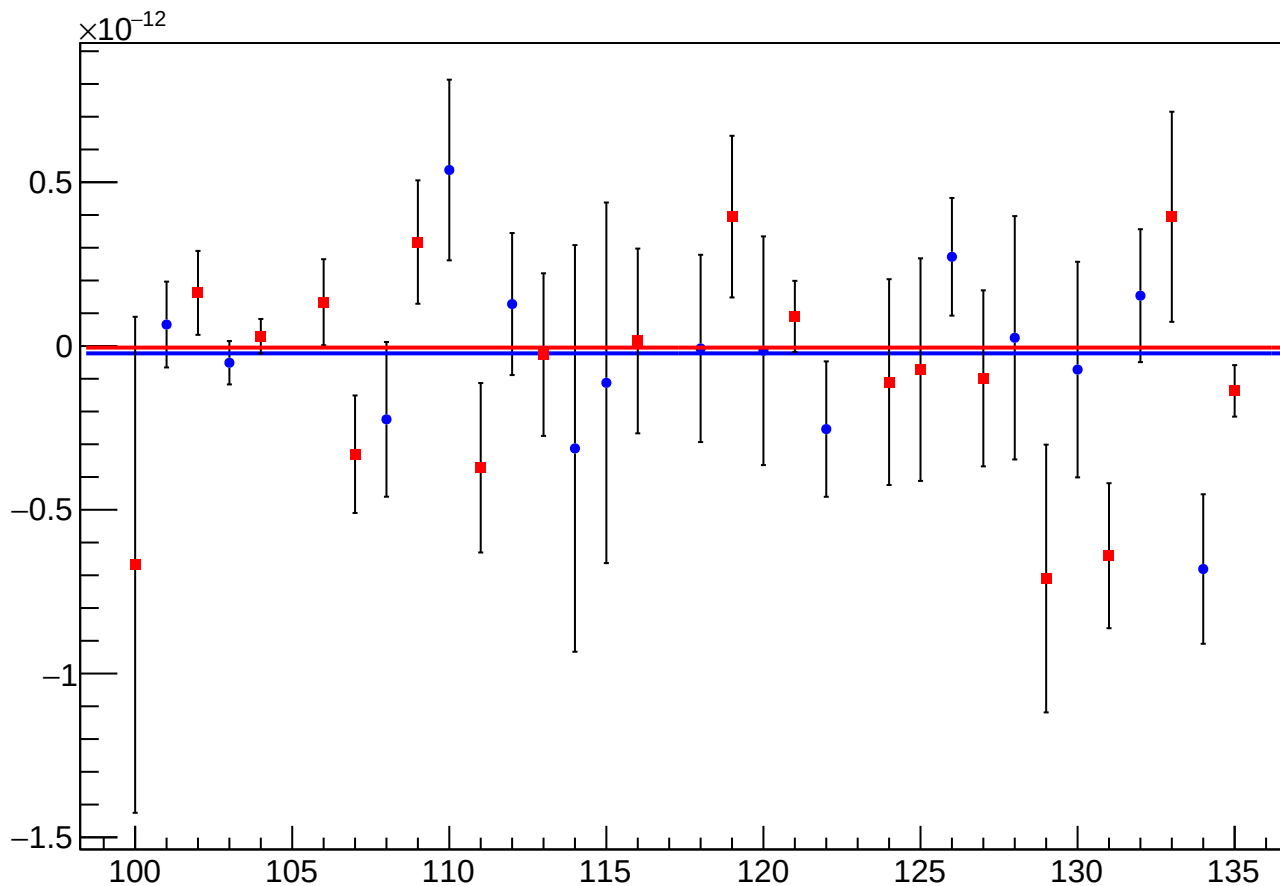
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.703+/-0.029 χ^2/NDF : 4558130.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.5/17

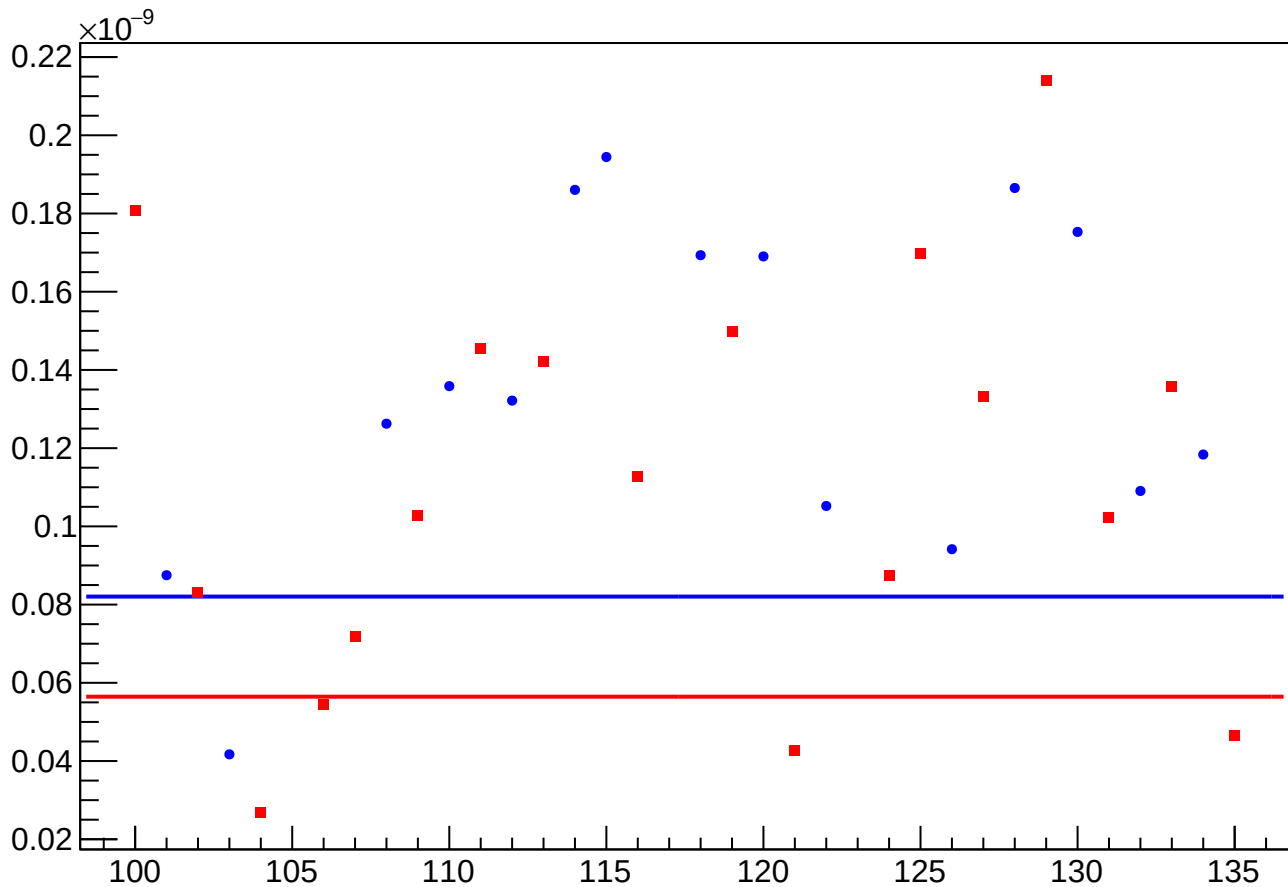
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 50.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_usr_atr2_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1887540.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2724596.1/17

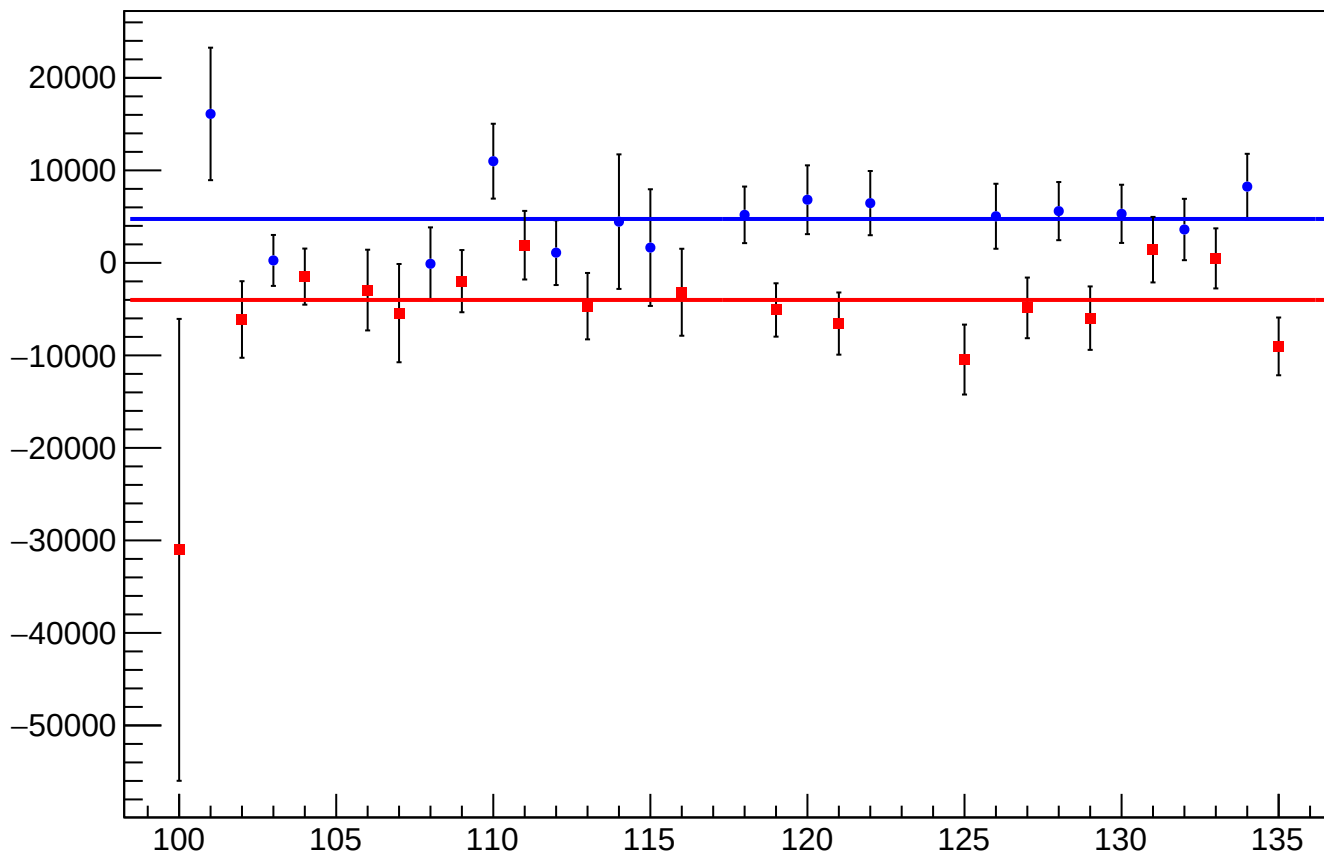
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5024456.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4746.770 $\pm$ 945.493 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4007.215 $\pm$ 885.631 χ^2 /NDF: 16.1/16

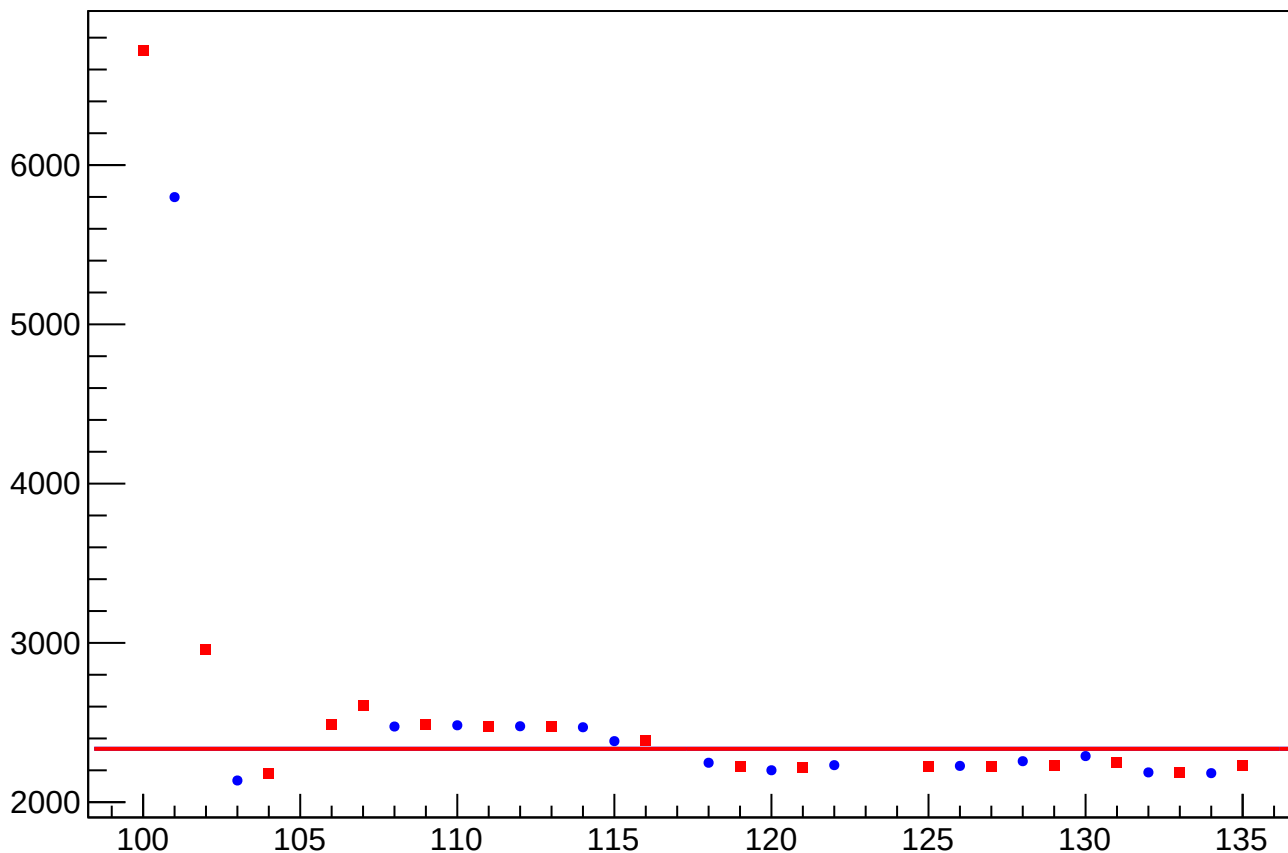
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 83.905 $\pm$ 646.363 χ^2 /NDF: 73.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2335.297+/-0.669 χ^2/NDF : 504892.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2334.876+/-0.626 χ^2/NDF : 149473.5/16

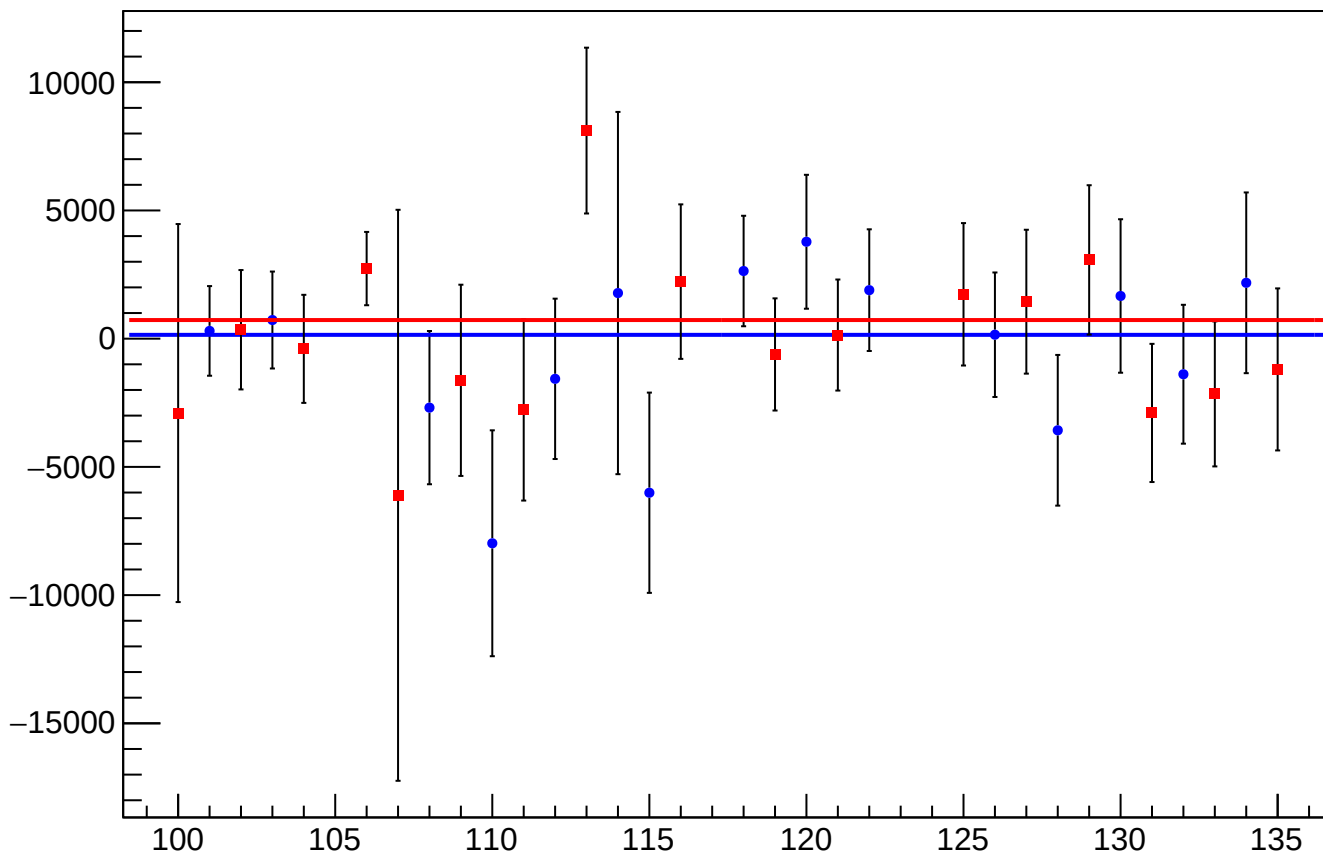
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2335.073+/-0.457 χ^2/NDF : 654366.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_mean vs Slug



Right In: 149.328 $\pm$ 687.996 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 726.359 $\pm$ 639.724 χ^2 /NDF: 14.3/16

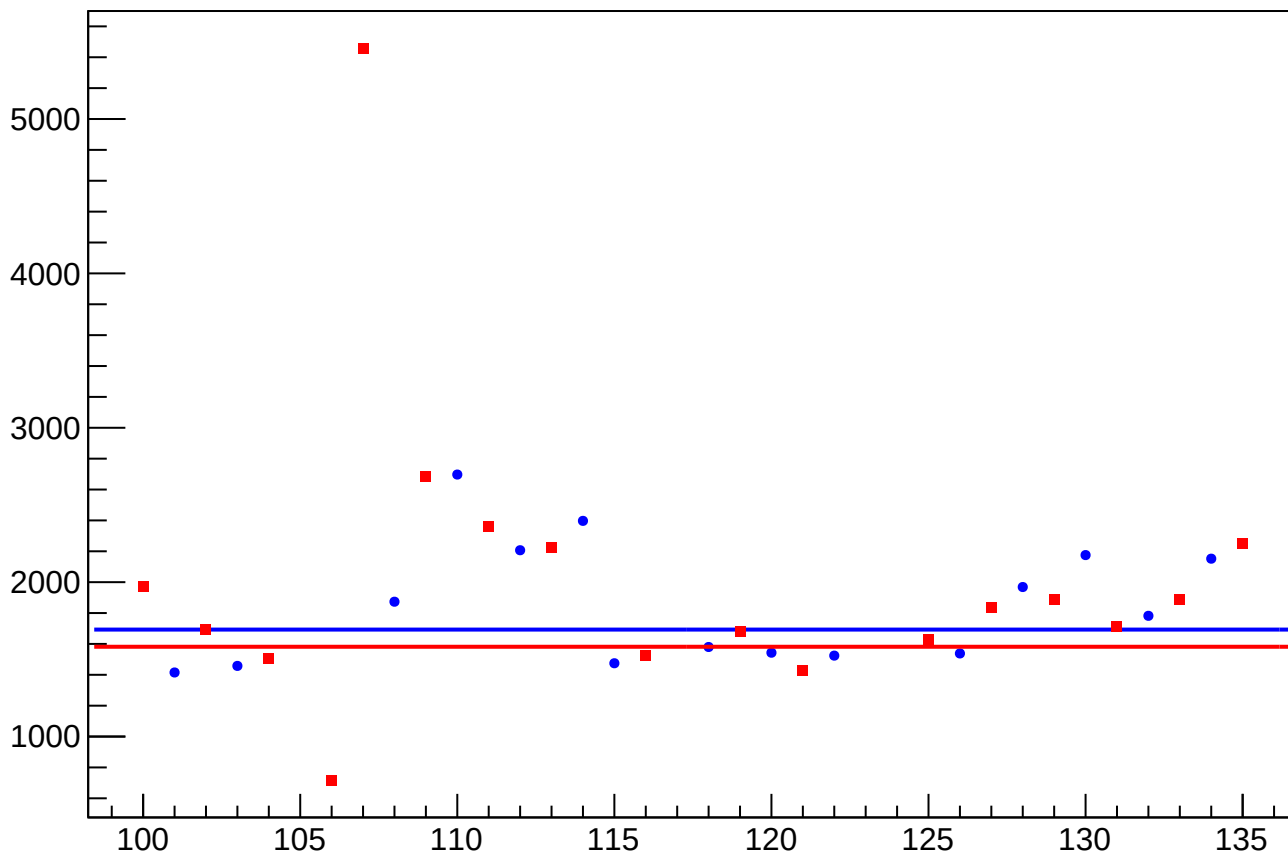
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 458.794 $\pm$ 468.490 χ^2 /NDF: 28.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_correction_rms vs Slug



Right In: 1692.917+/-0.486 χ^2/NDF : 408989.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1581.637+/-0.452 χ^2/NDF : 1515496.5/16

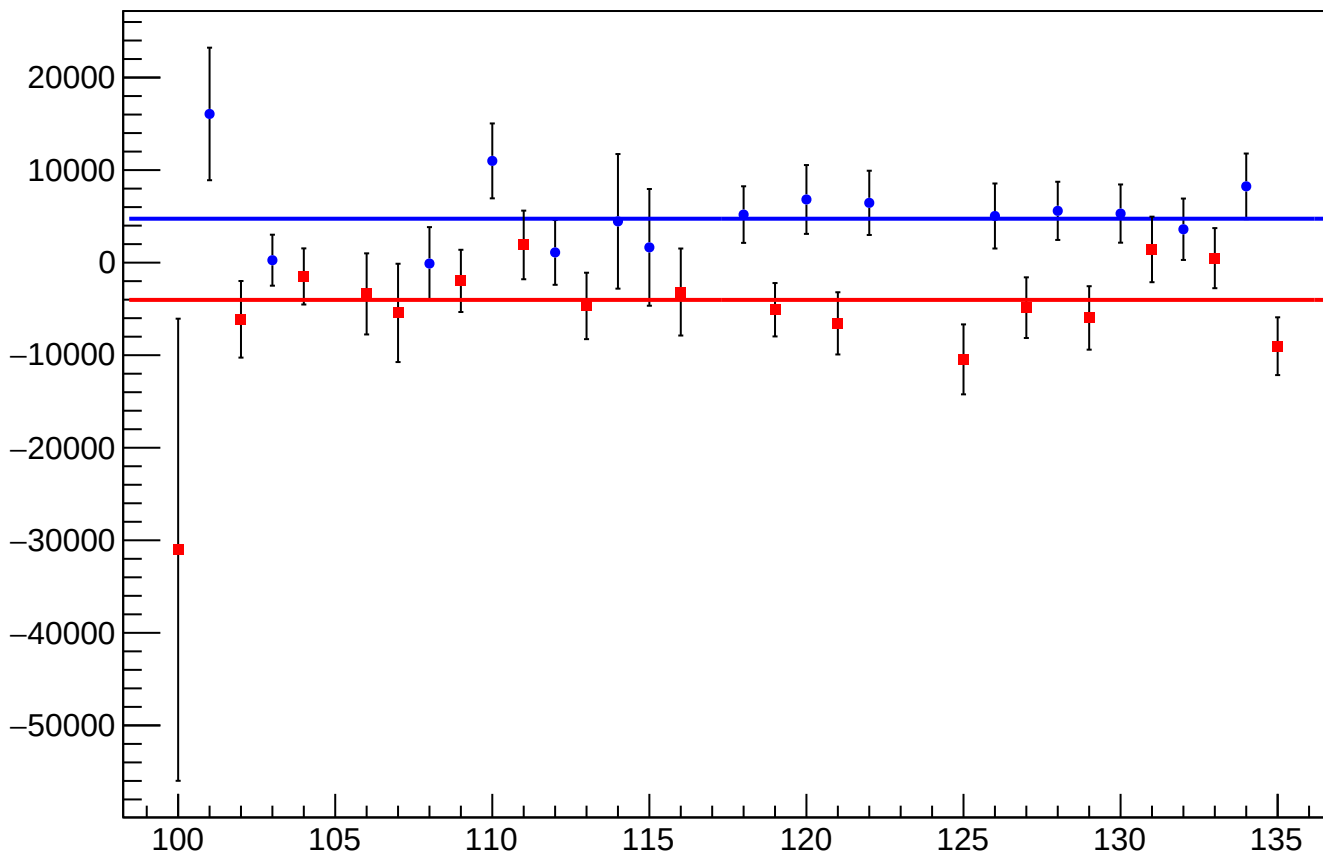
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1633.236+/-0.331 χ^2/NDF : 1952547.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4746.000+/-945.493 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4026.039+/-885.789 χ^2/NDF : 16.1/16

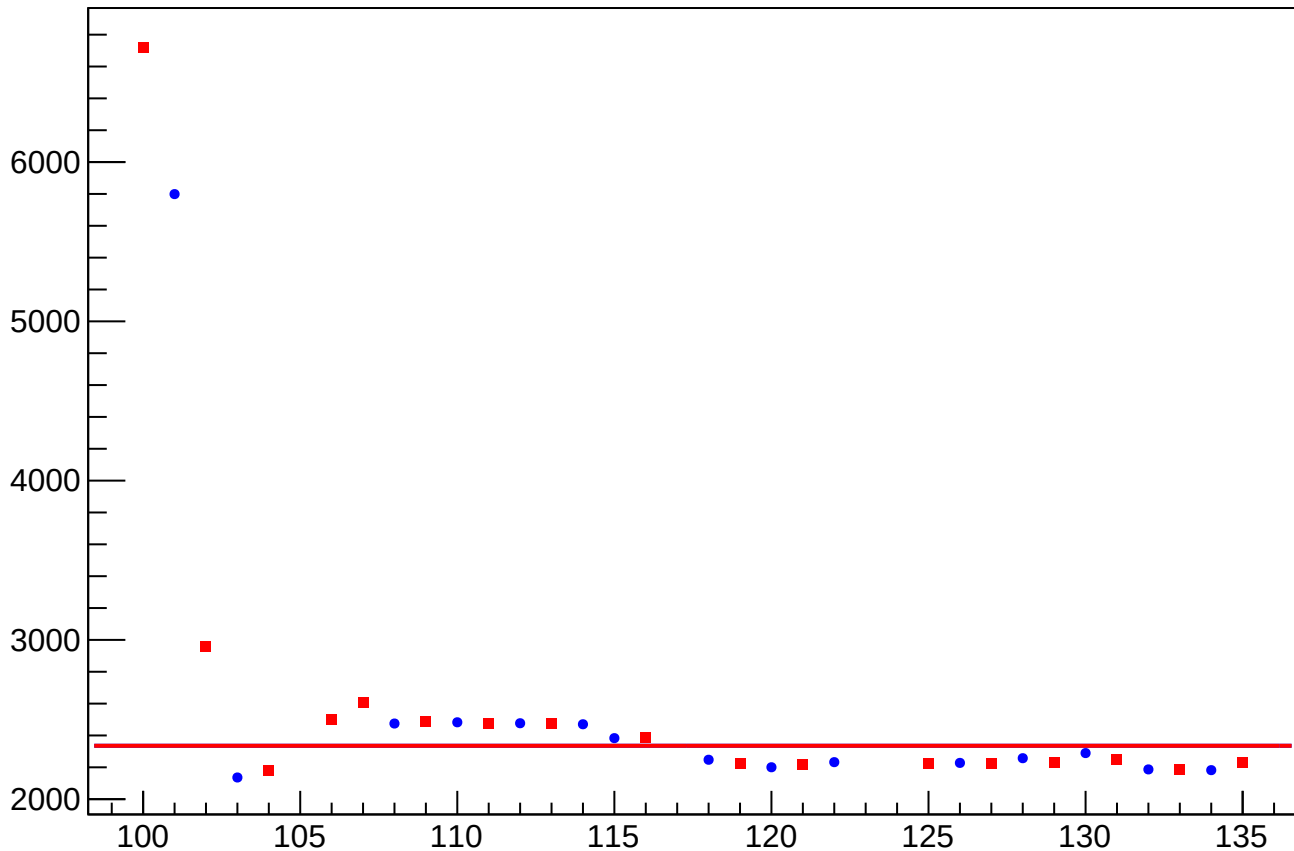
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 74.297+/-646.424 χ^2/NDF : 74.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2335.297+/-0.669 χ^2/NDF : 504892.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

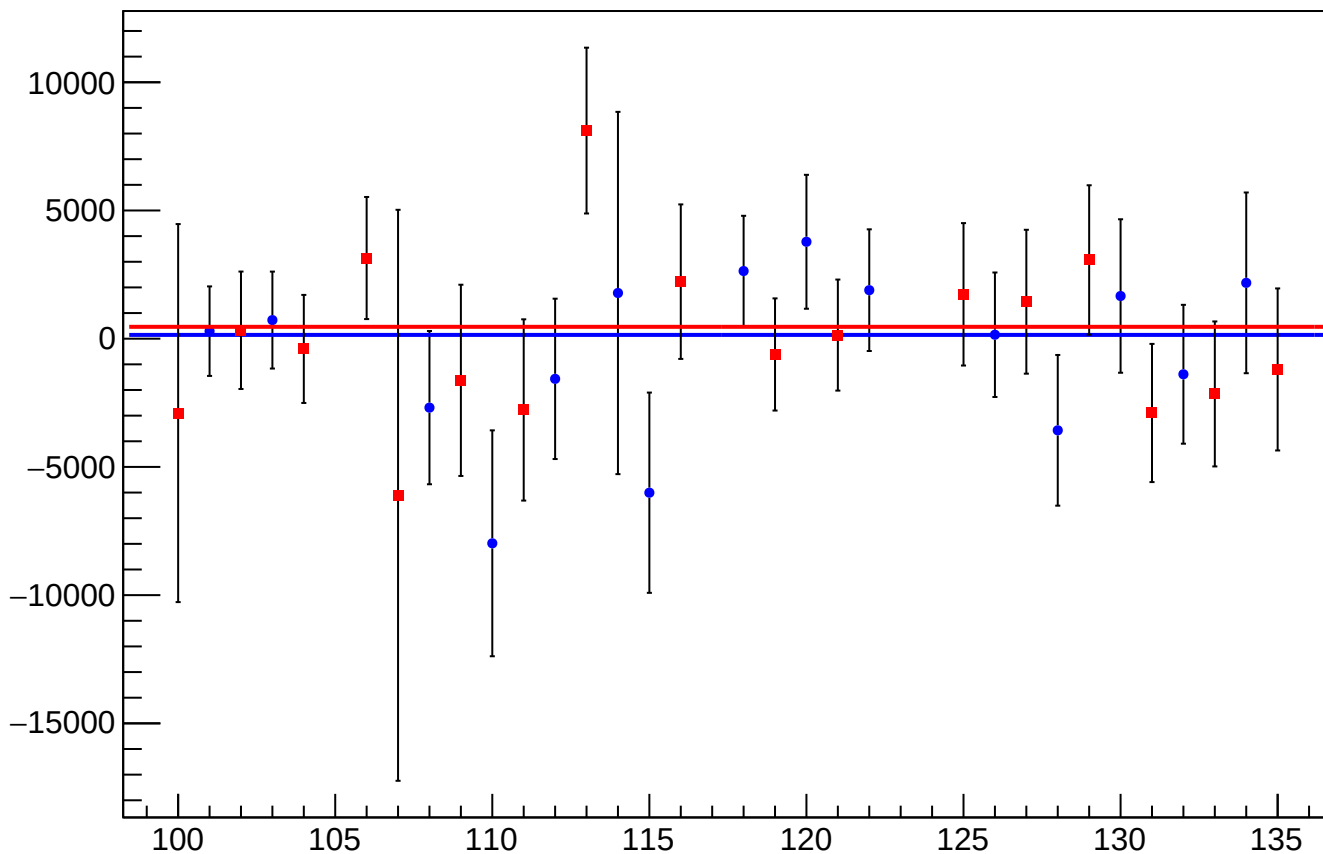
Right Out: 2335.259+/-0.626 χ^2/NDF : 149810.4/16

All: 2335.277+/-0.457 χ^2/NDF : 654703.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_mean vs Slug



Right In: 147.965 $\pm$ 687.850 χ^2 /NDF: 13.6/14

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

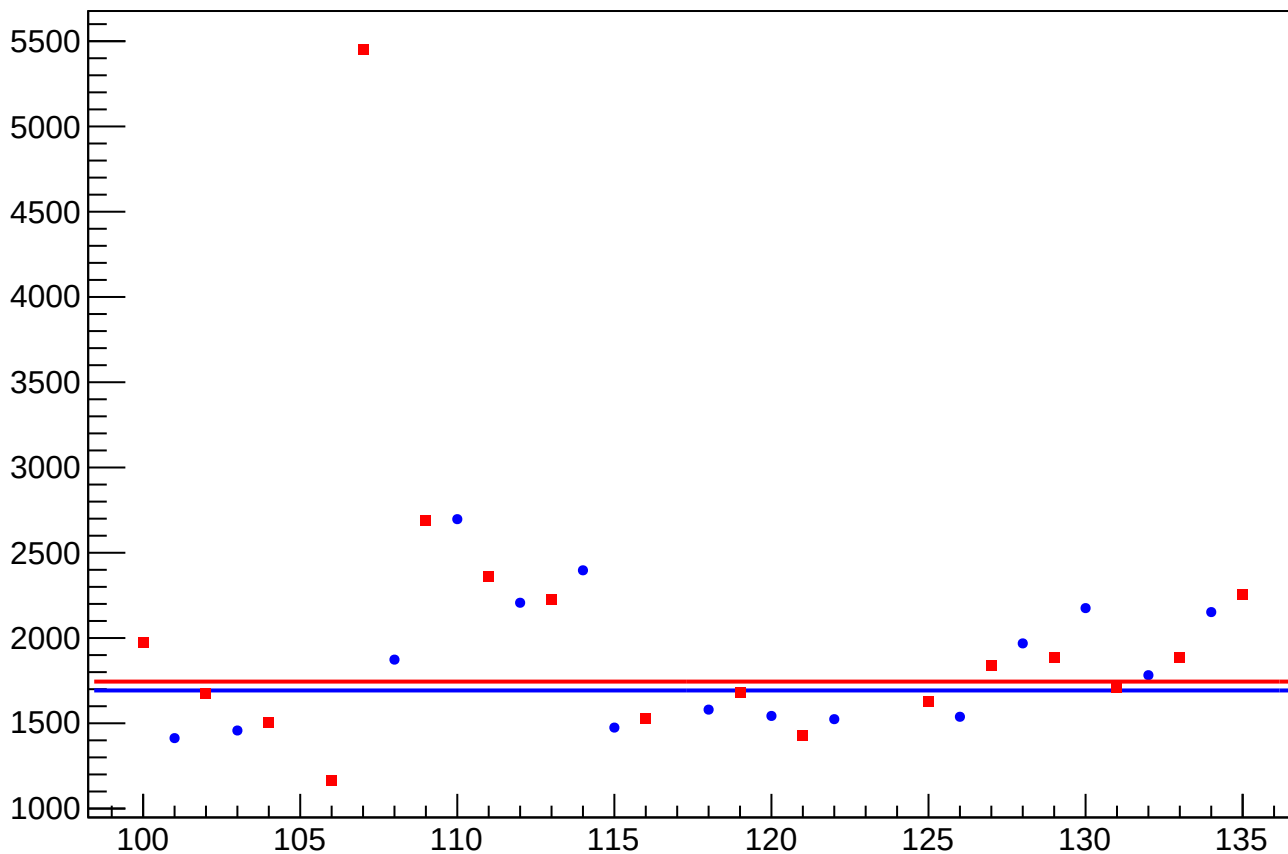
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 306.441 $\pm$ 485.053 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_cor_correction_rms vs Slug



Right In: 1692.509+/-0.486 χ^2/NDF : 409831.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

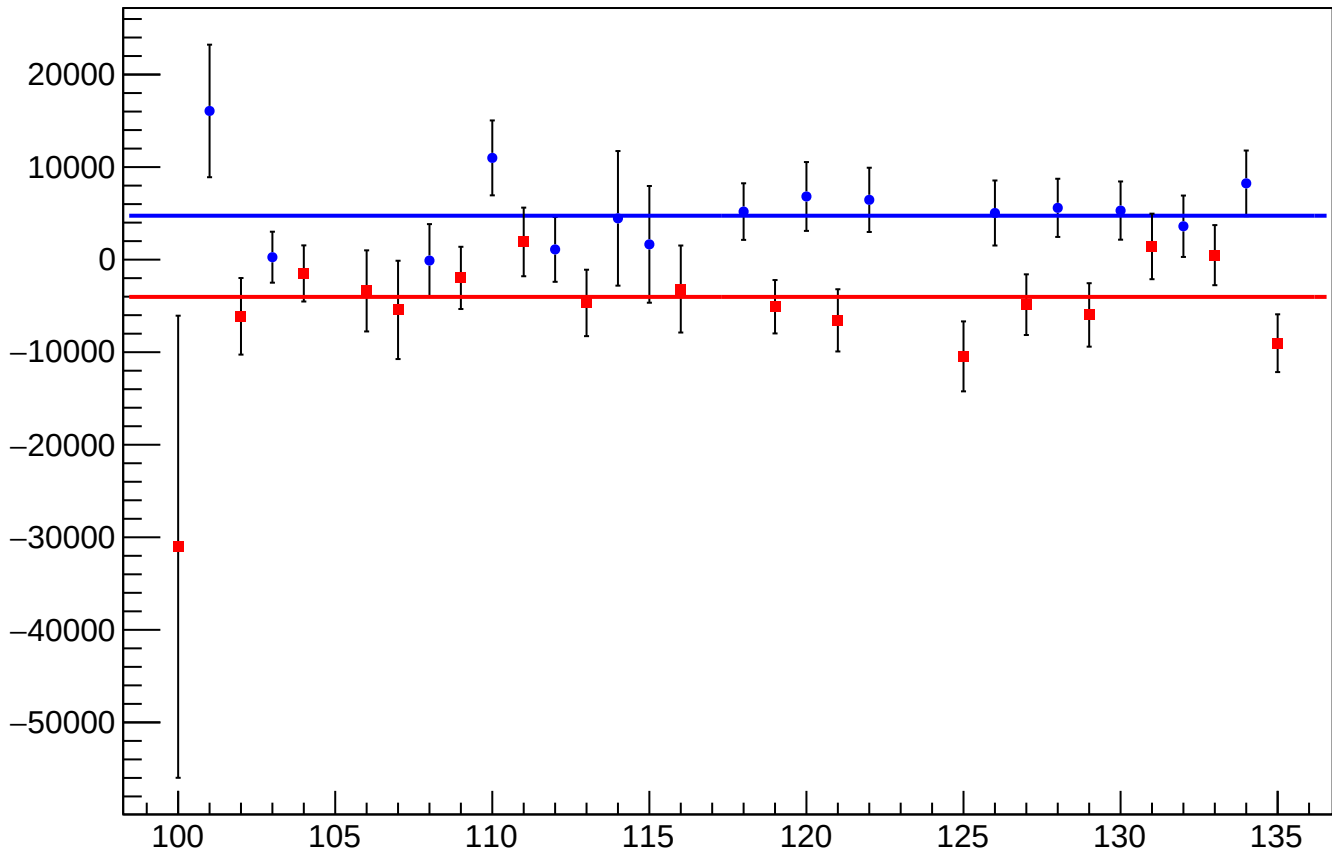
Right Out: 1744.553+/-0.484 χ^2/NDF : 726215.2/16

All: 1718.673+/-0.343 χ^2/NDF : 1141802.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4746.000 $\pm$ 945.493 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4026.039 $\pm$ 885.789 χ^2 /NDF: 16.1/16

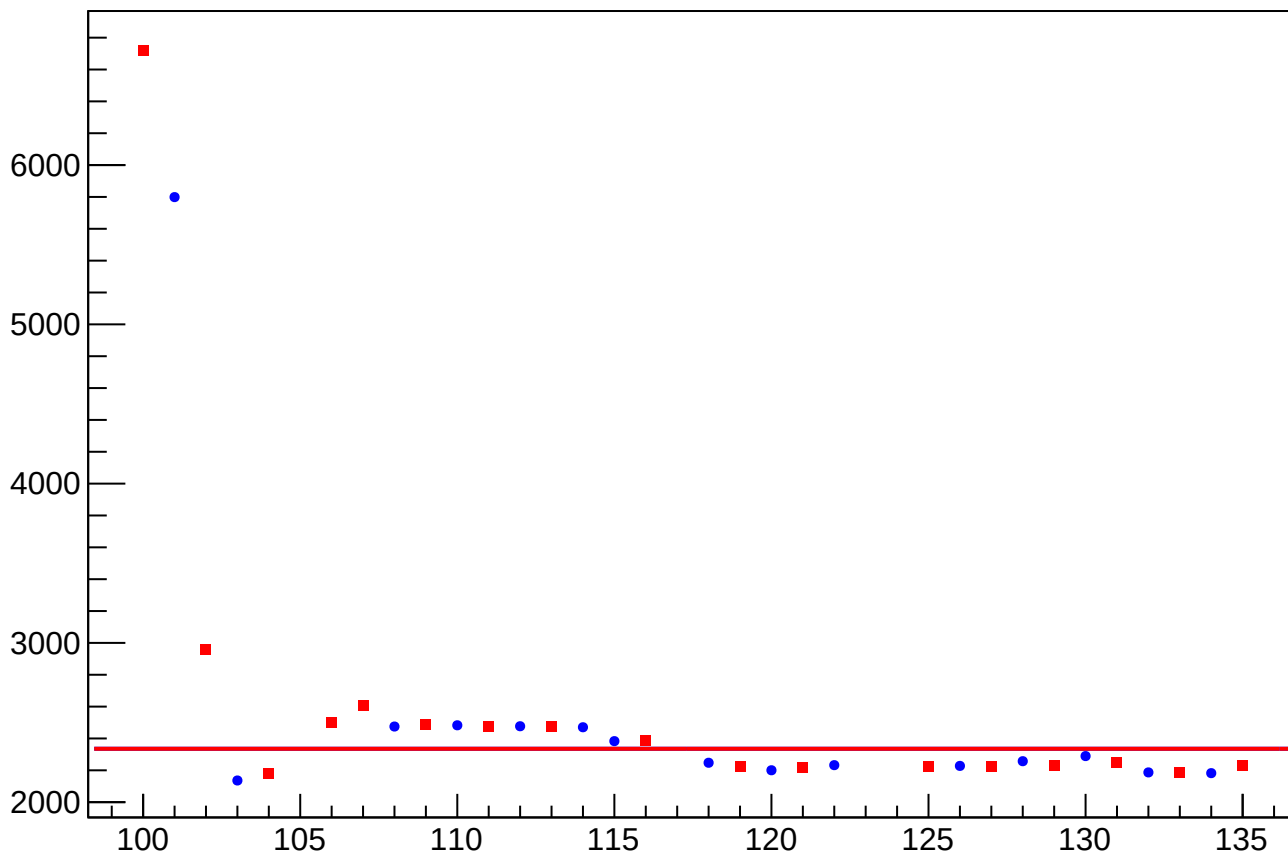
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.297 $\pm$ 646.424 χ^2 /NDF: 74.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2335.297 $\pm$ 0.669 χ^2 /NDF: 504892.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

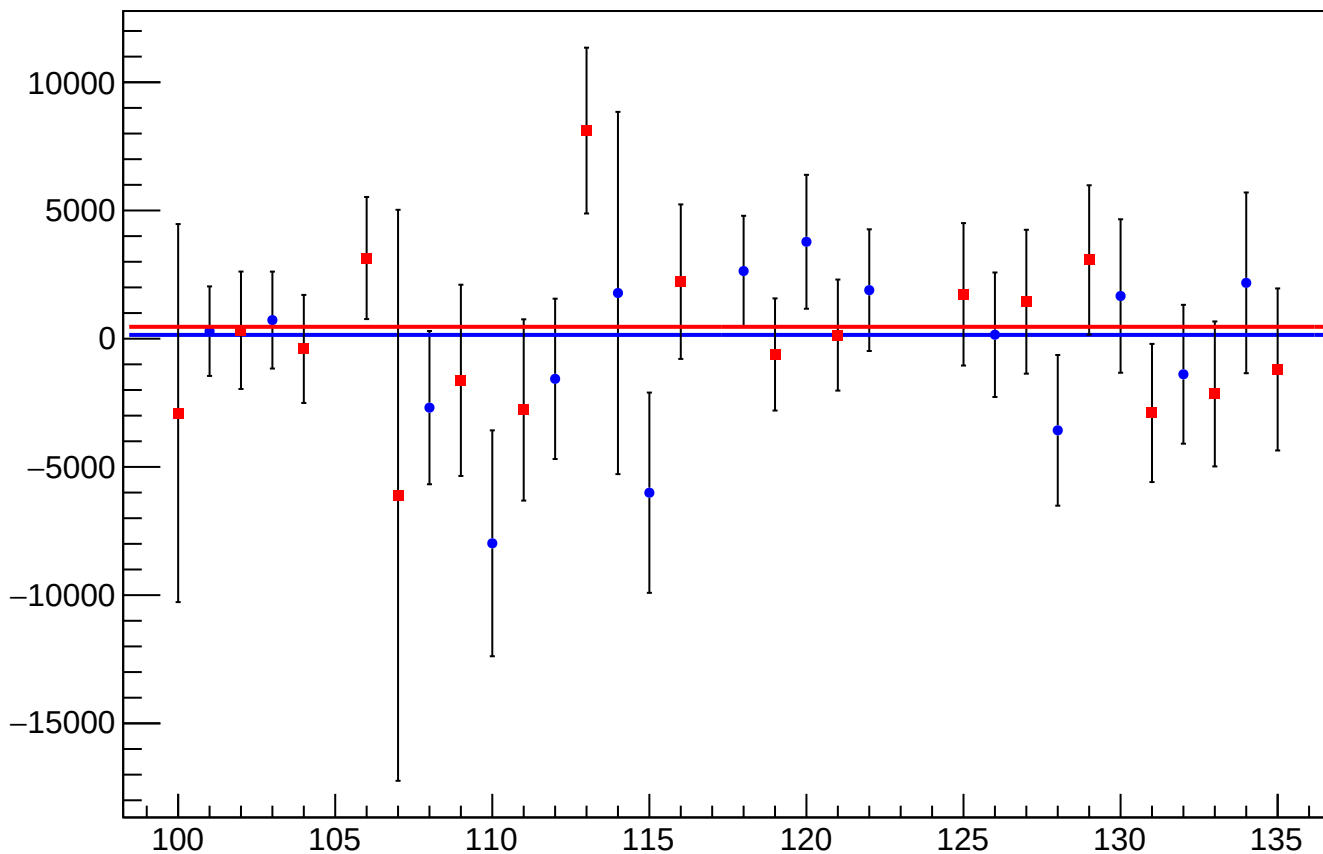
Right Out: 2335.259 $\pm$ 0.626 χ^2 /NDF: 149810.4/16

All: 2335.277 $\pm$ 0.457 χ^2 /NDF: 654703.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: 147.965 $\pm$ 687.850 χ^2 /NDF: 13.6/14

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

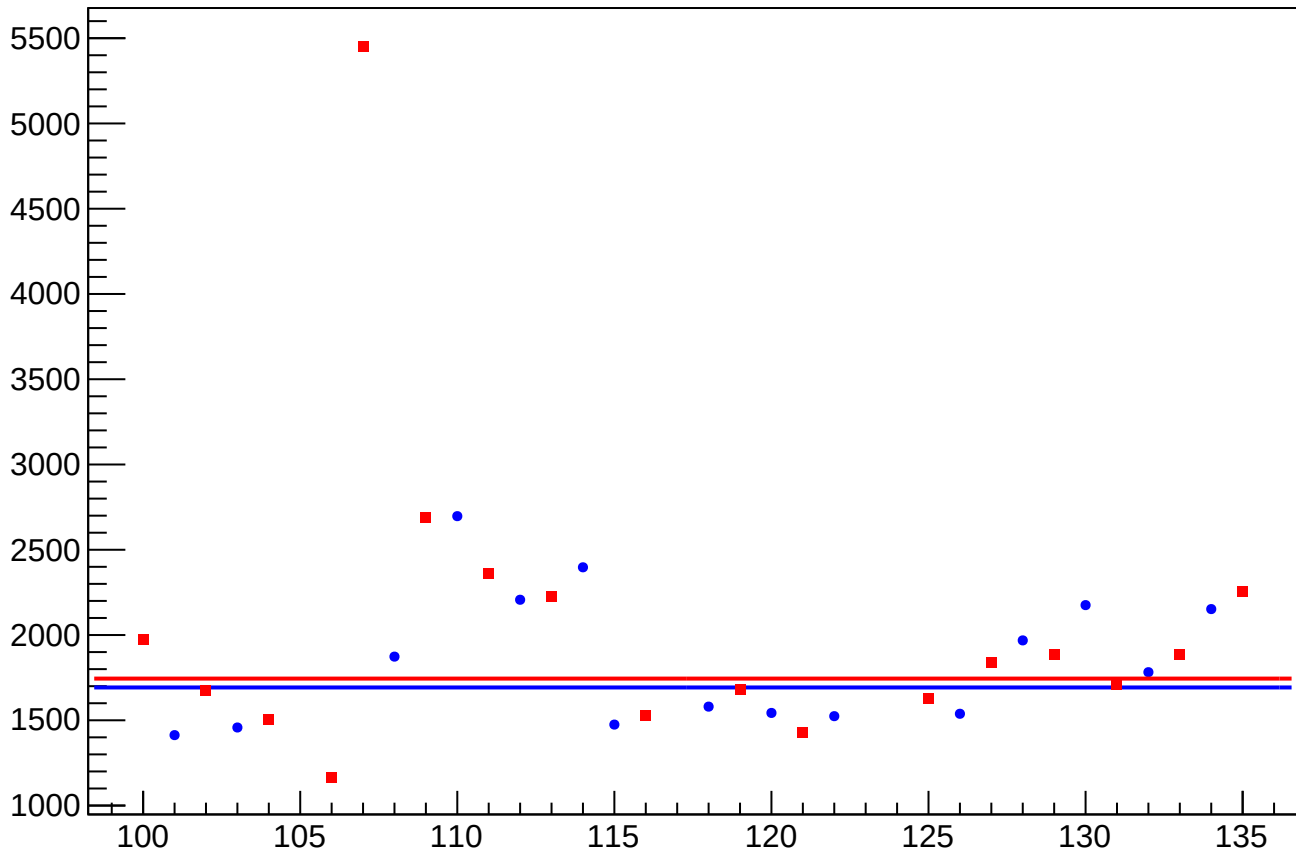
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 306.441 $\pm$ 485.053 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 1692.509+/-0.486 χ^2/NDF : 409831.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

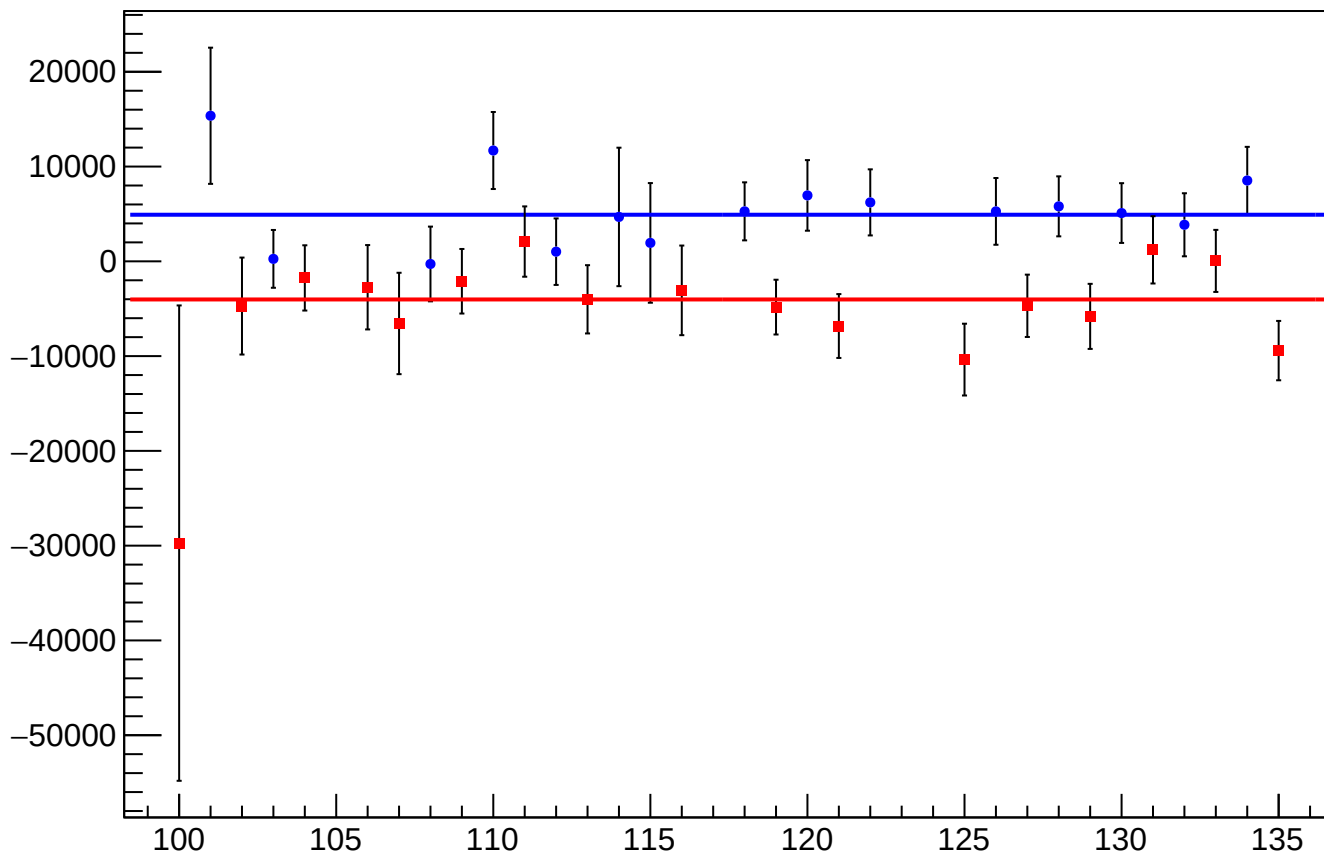
Right Out: 1744.553+/-0.484 χ^2/NDF : 726215.2/16

All: 1718.673+/-0.343 χ^2/NDF : 1141802.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4916.290+/-958.438 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4023.337+/-905.392 χ^2/NDF : 15.5/16

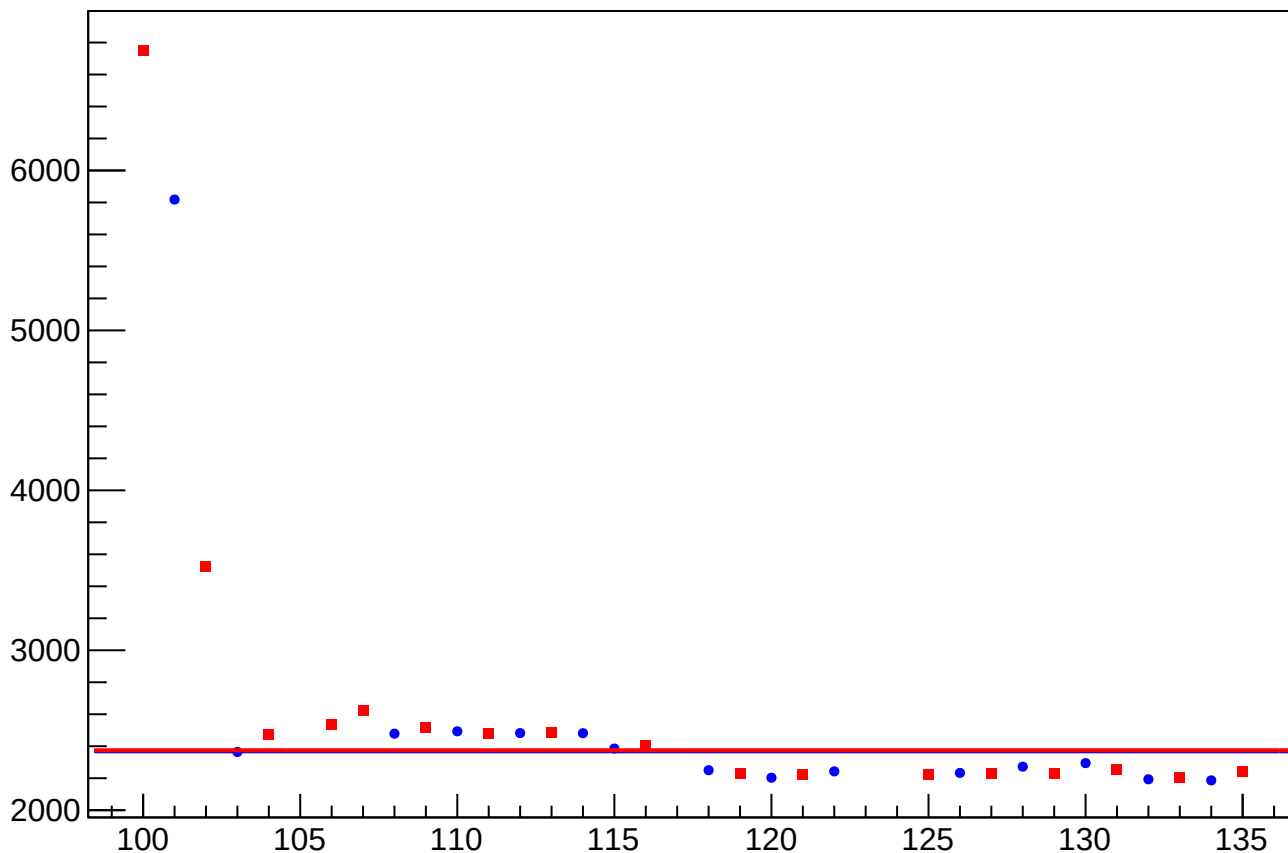
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.256+/-658.163 χ^2/NDF : 73.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2368.173+/-0.678 χ^2/NDF : 493304.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2374.825+/-0.640 χ^2/NDF : 208092.0/16

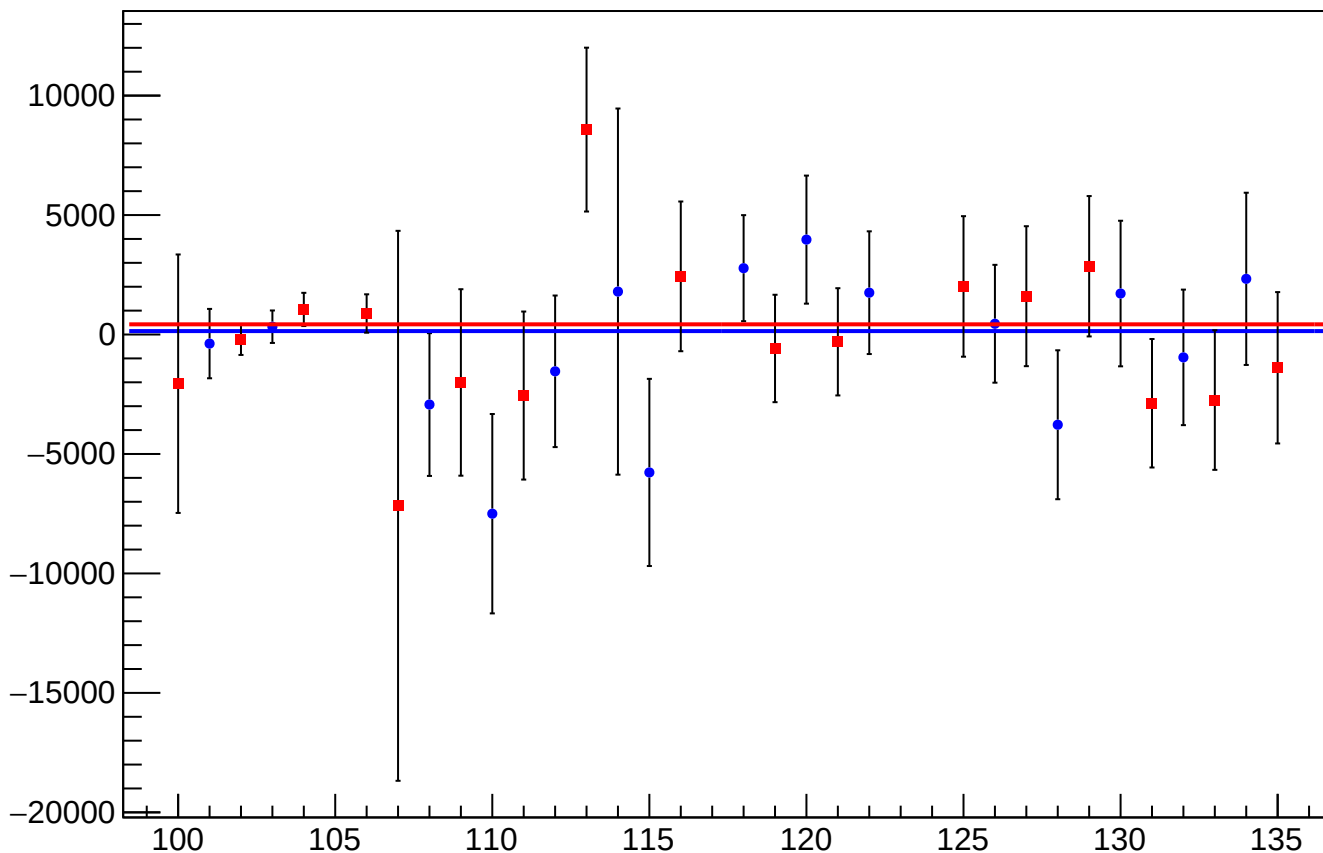
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.688+/-0.465 χ^2/NDF : 701447.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_mean vs Slug



Right In: 143.385 $\pm$ 496.164 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 426.645 $\pm$ 363.537 χ^2 /NDF: 14.4/16

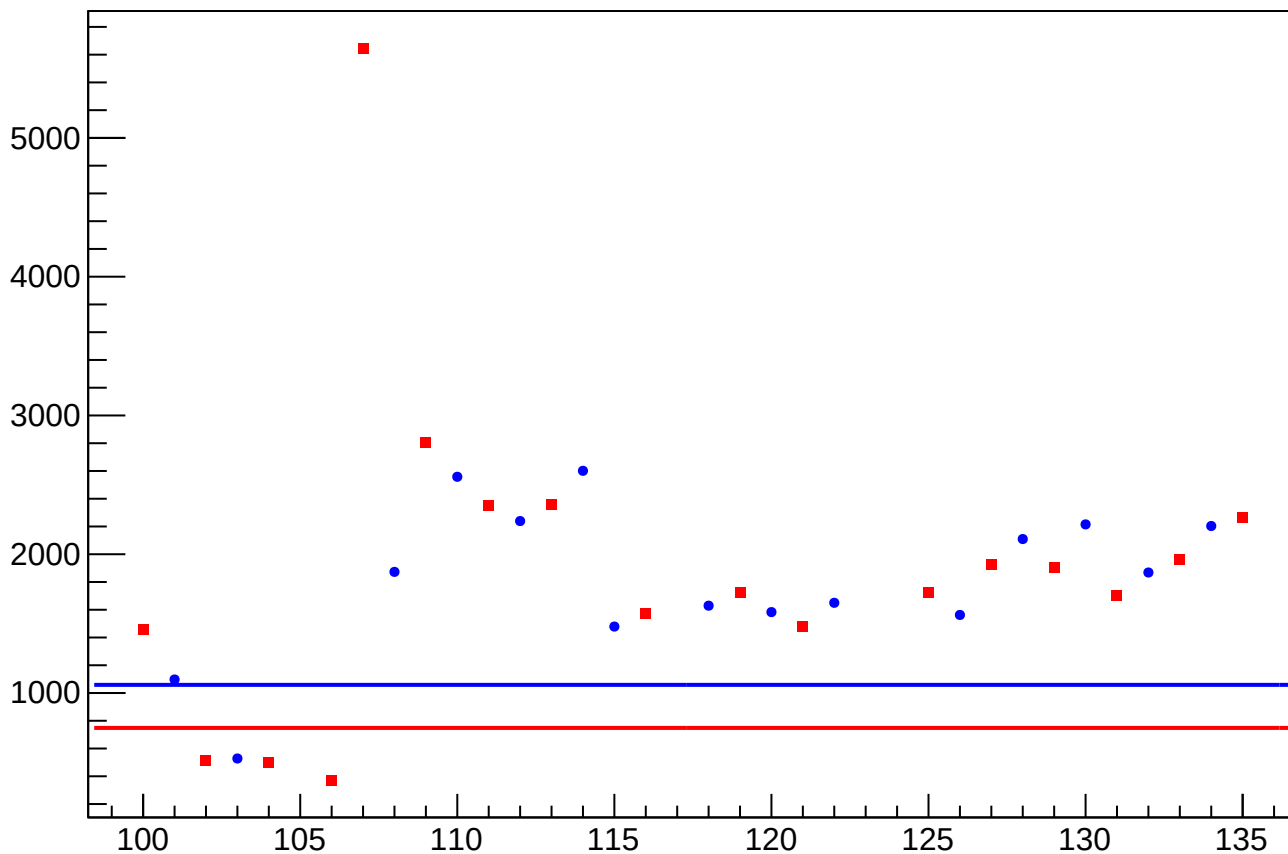
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 327.698 $\pm$ 293.247 χ^2 /NDF: 28.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_correction_rms vs Slug



Right In: 1058.736+/-0.351 χ^2/NDF : 3287492.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

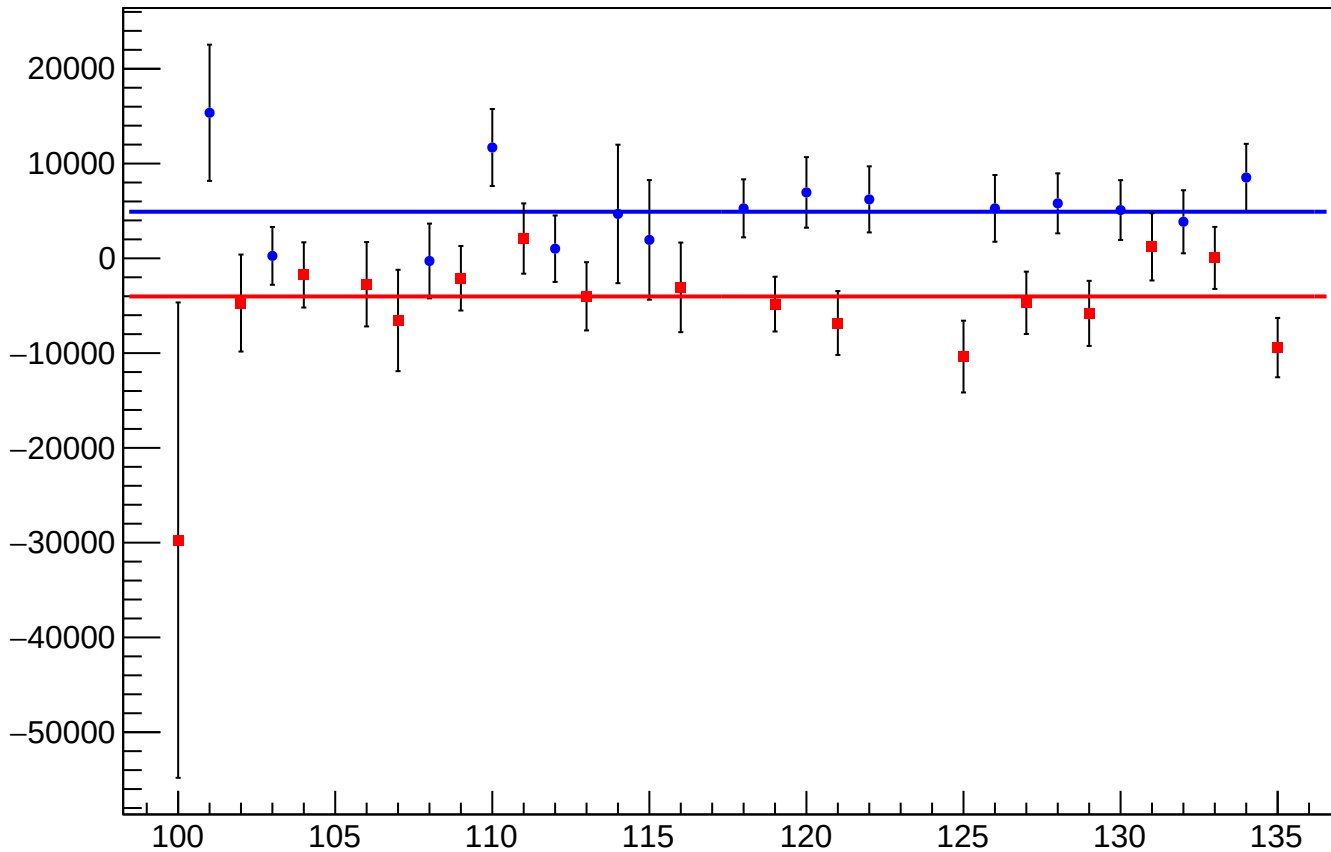
Right Out: 748.506+/-0.257 χ^2/NDF : 5424798.0/16

All: 856.874+/-0.207 χ^2/NDF : 9221054.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4916.288+/-958.438 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4023.334+/-905.392 χ^2/NDF : 15.5/16

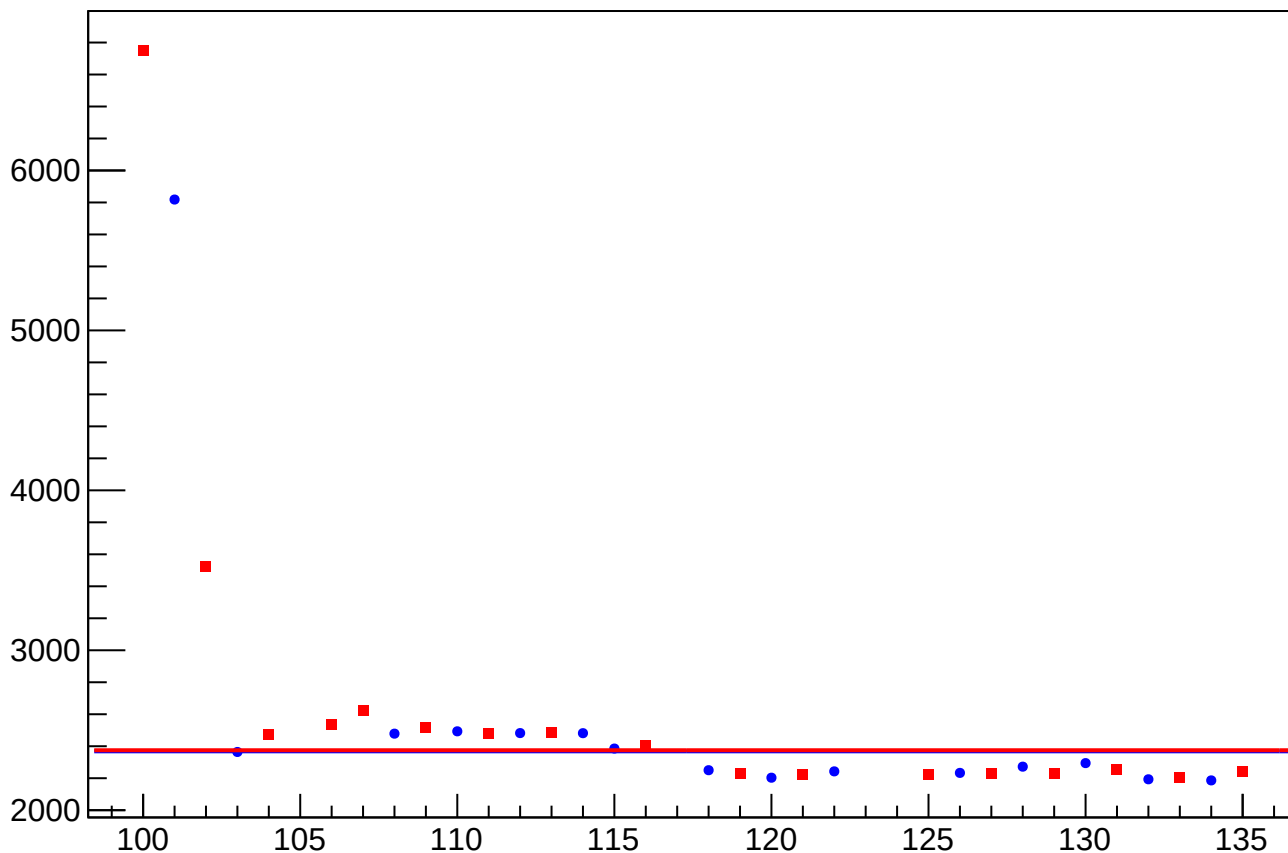
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 192.257+/-658.163 χ^2/NDF : 73.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 2368.172+/-0.678 χ^2/NDF : 493305.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2374.825+/-0.640 χ^2/NDF : 208090.9/16

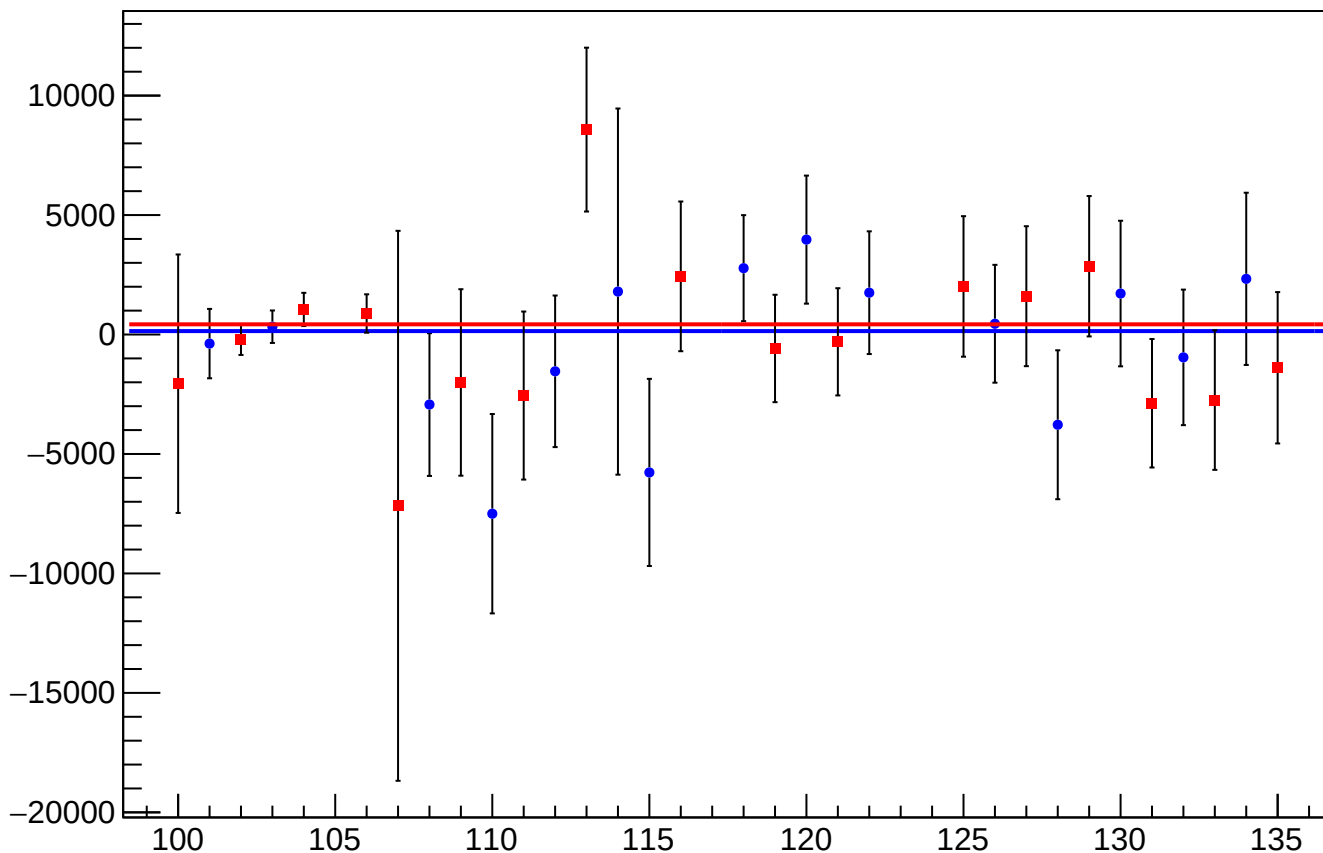
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2371.688+/-0.465 χ^2/NDF : 701446.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: 143.379+/-496.167 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 426.648+/-363.542 χ^2/NDF : 14.4/16

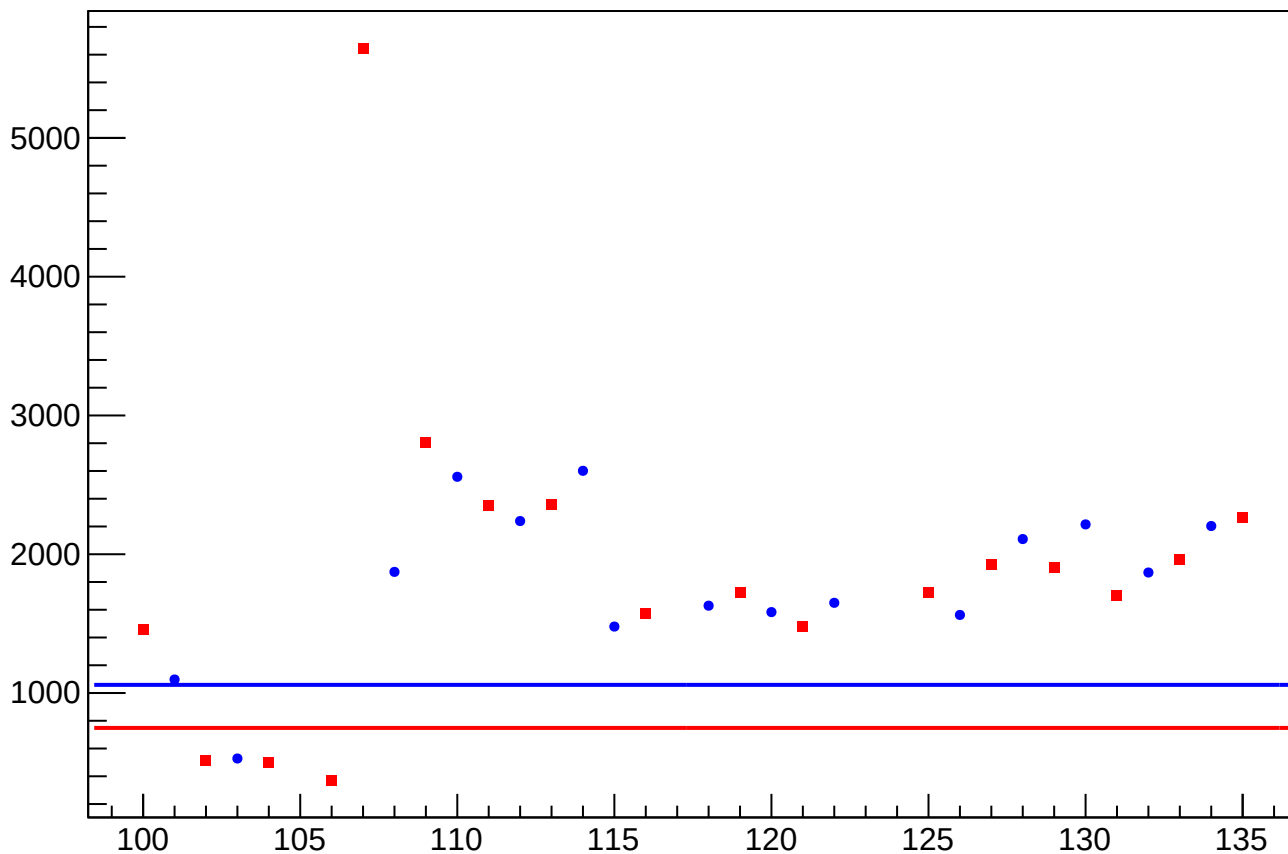
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.697+/-293.250 χ^2/NDF : 28.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 1058.746 $\pm$ 0.351 χ^2 /NDF: 3287423.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 748.521 $\pm$ 0.257 χ^2 /NDF: 5424683.3/16

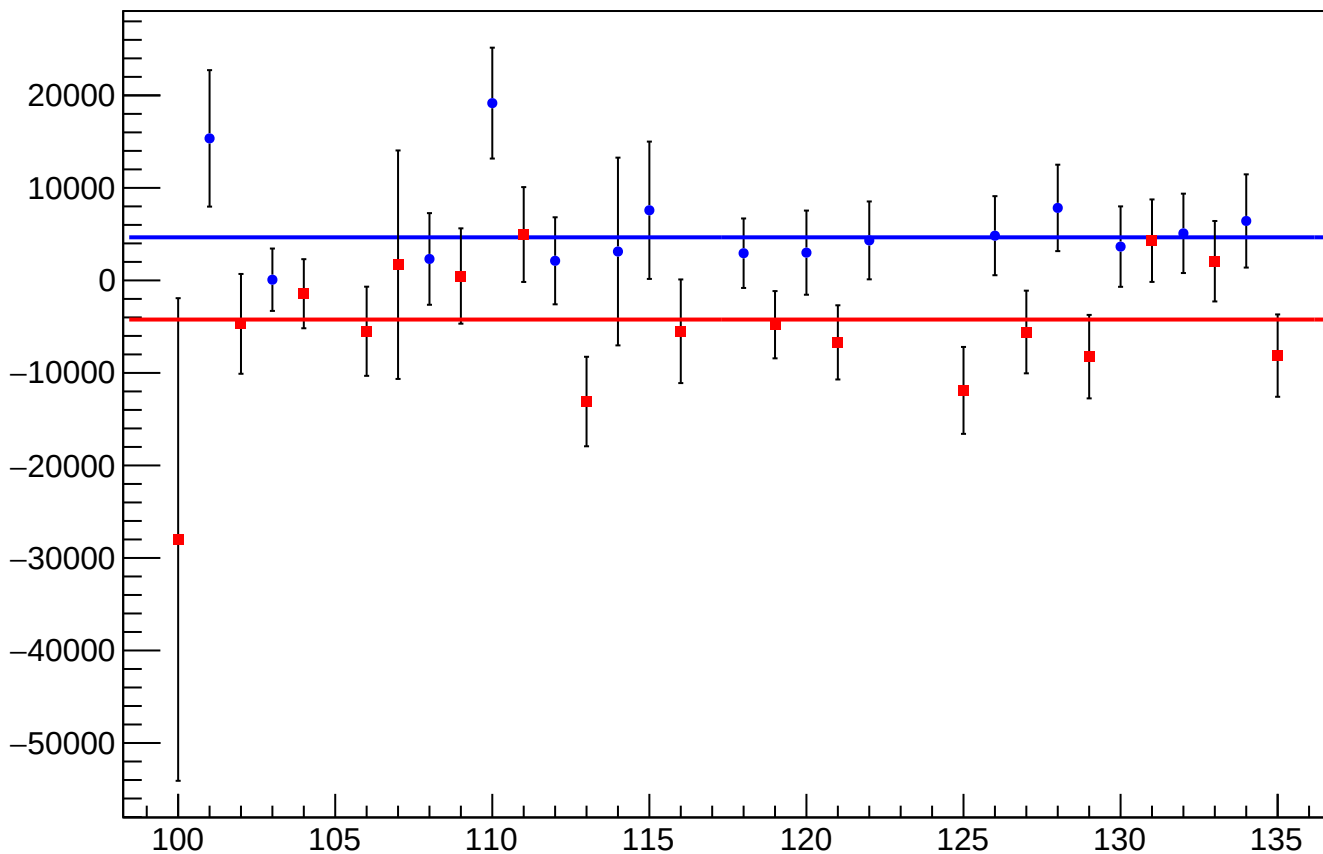
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 856.888 $\pm$ 0.207 χ^2 /NDF: 9220845.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_mean vs Slug



Right In: 4657.457+/-1220.794 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4229.651+/-1159.623 χ^2/NDF : 19.6/16

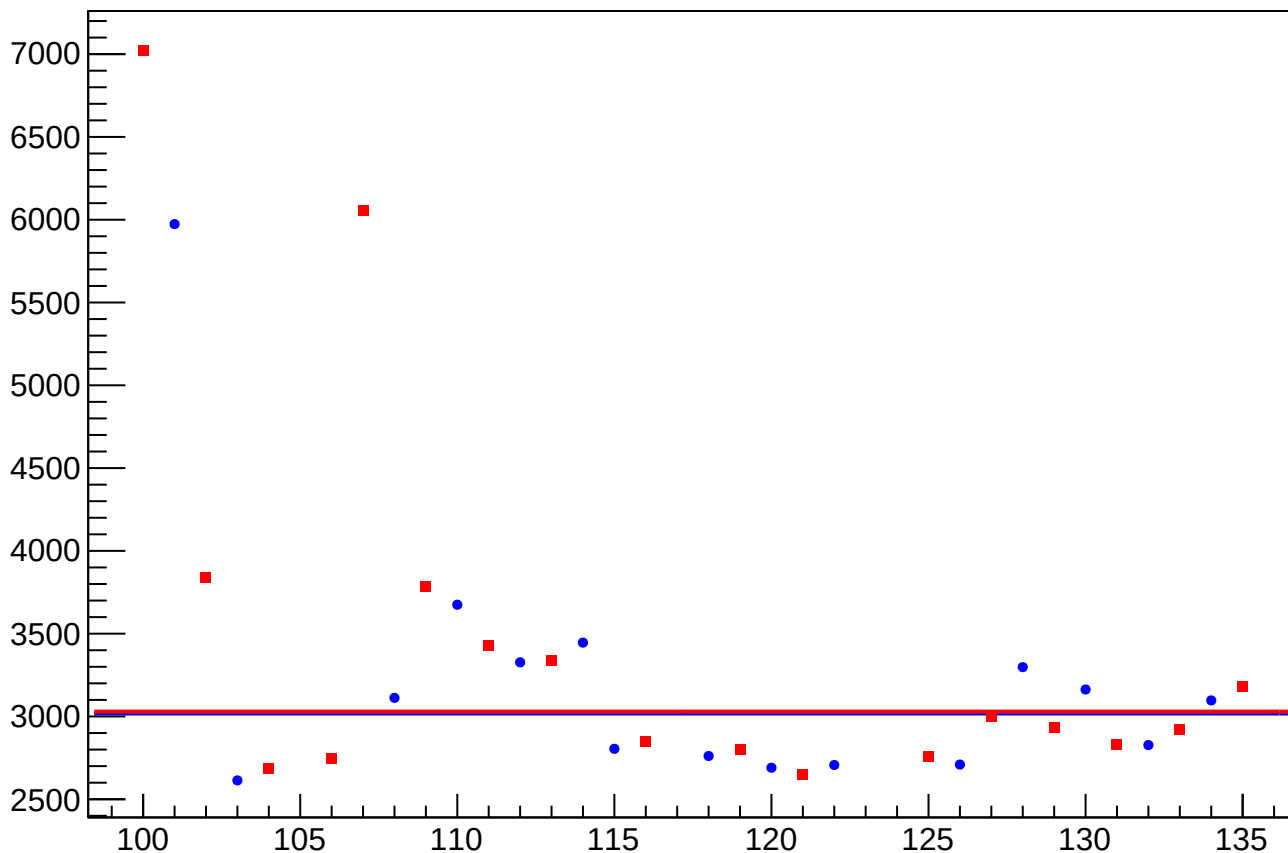
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -14.324+/-840.771 χ^2/NDF : 59.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_rms vs Slug



Right In: 3017.826+/-0.863 χ^2/NDF : 443408.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3029.392+/-0.820 χ^2/NDF : 341521.3/16

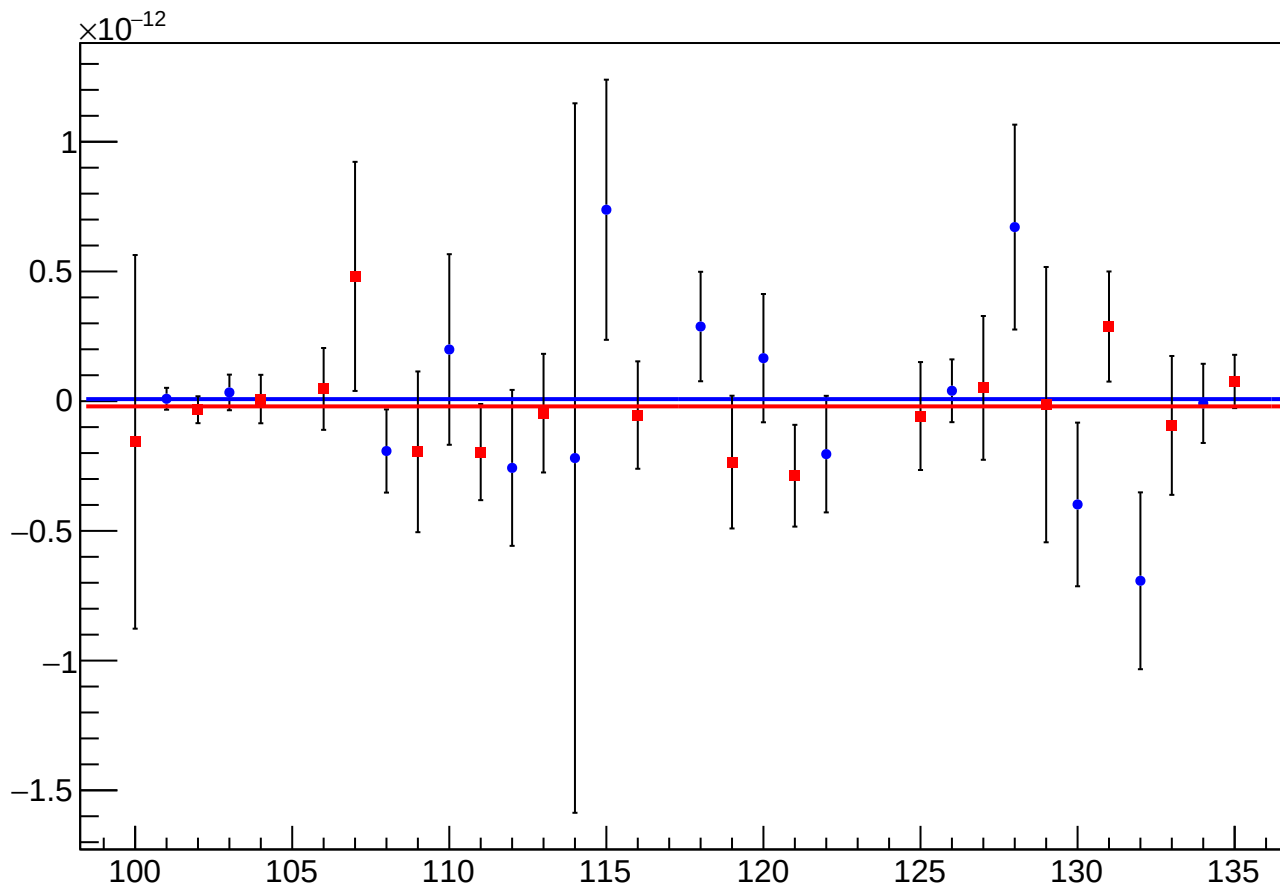
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3023.906+/-0.595 χ^2/NDF : 785024.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.6/16

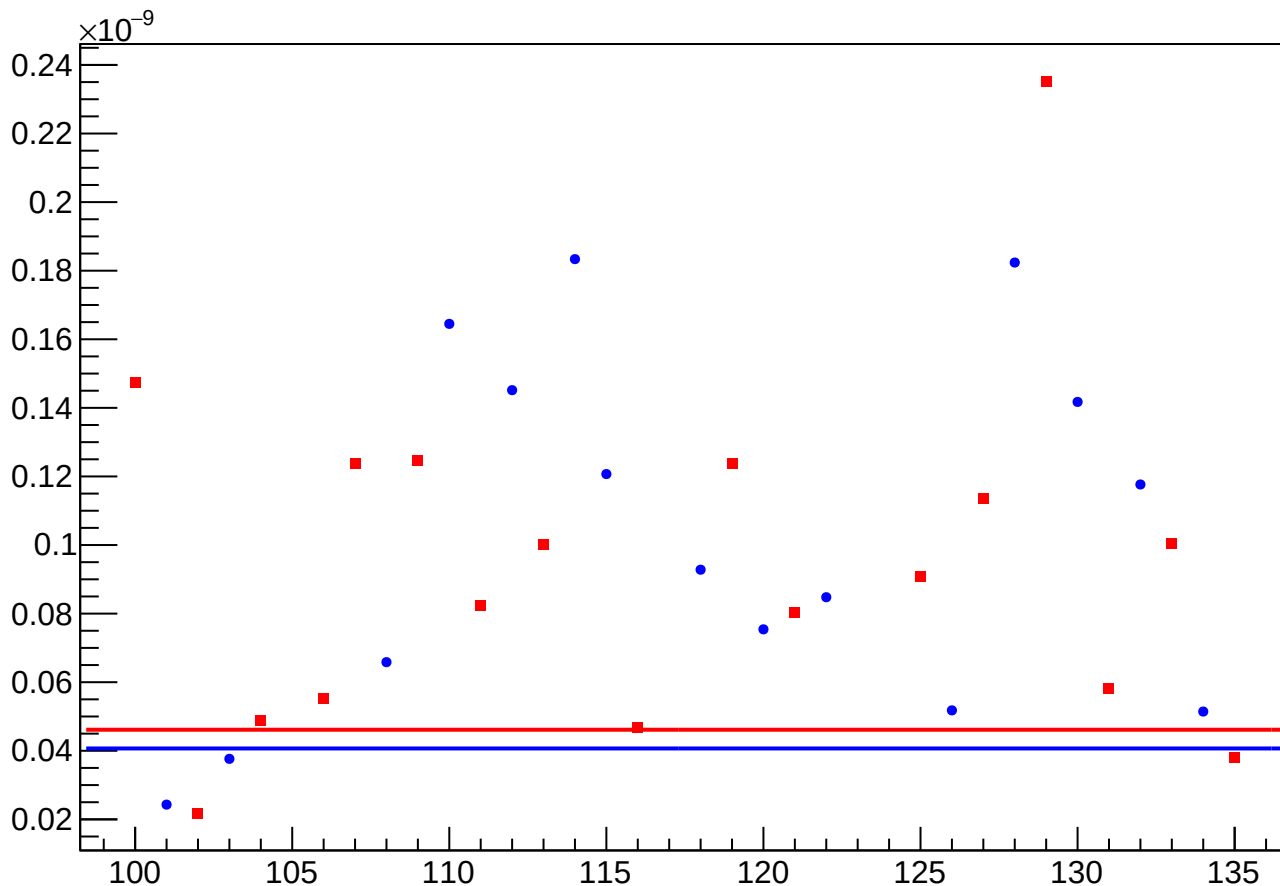
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1727346.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1682234.2/16

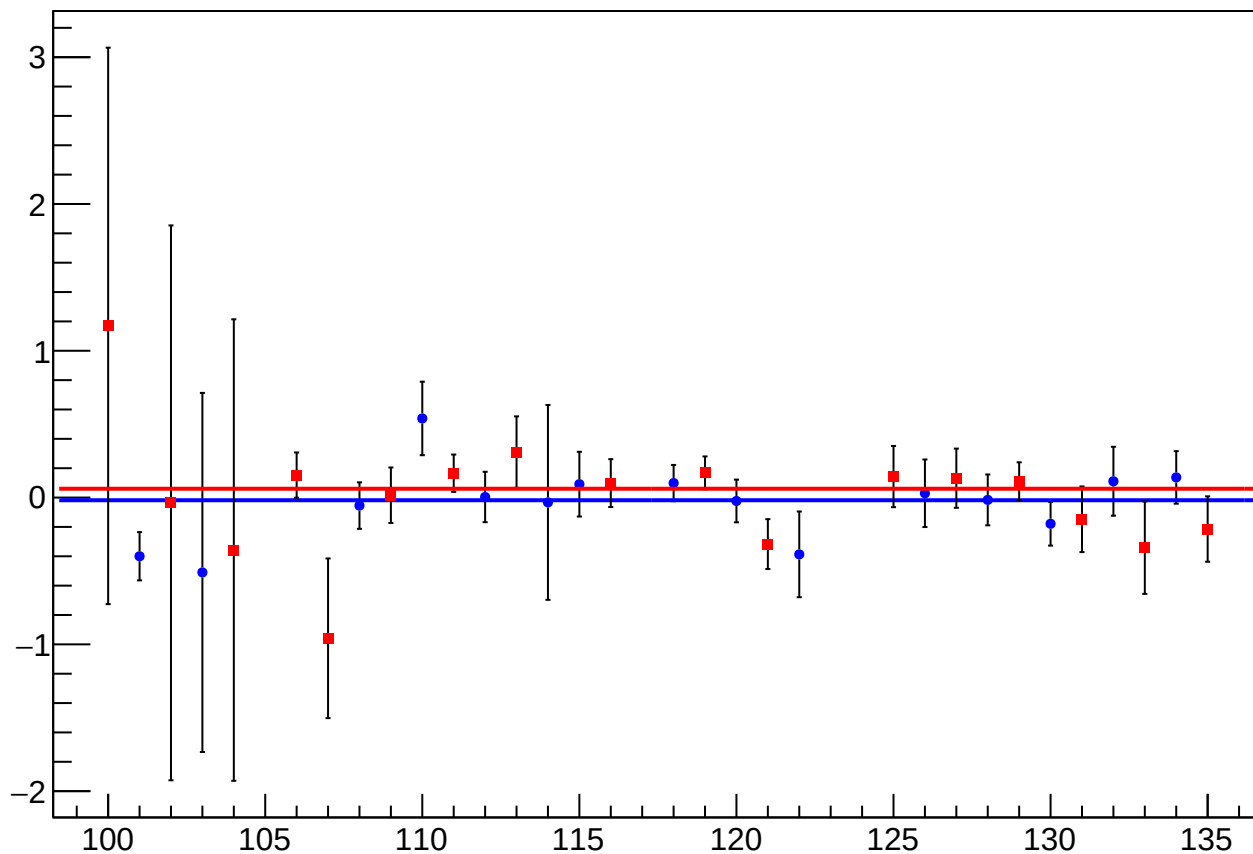
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3436999.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.049 $\chi^2/\text{NDF}: 15.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.060 ± 0.047 $\chi^2/\text{NDF}: 16.4/16$

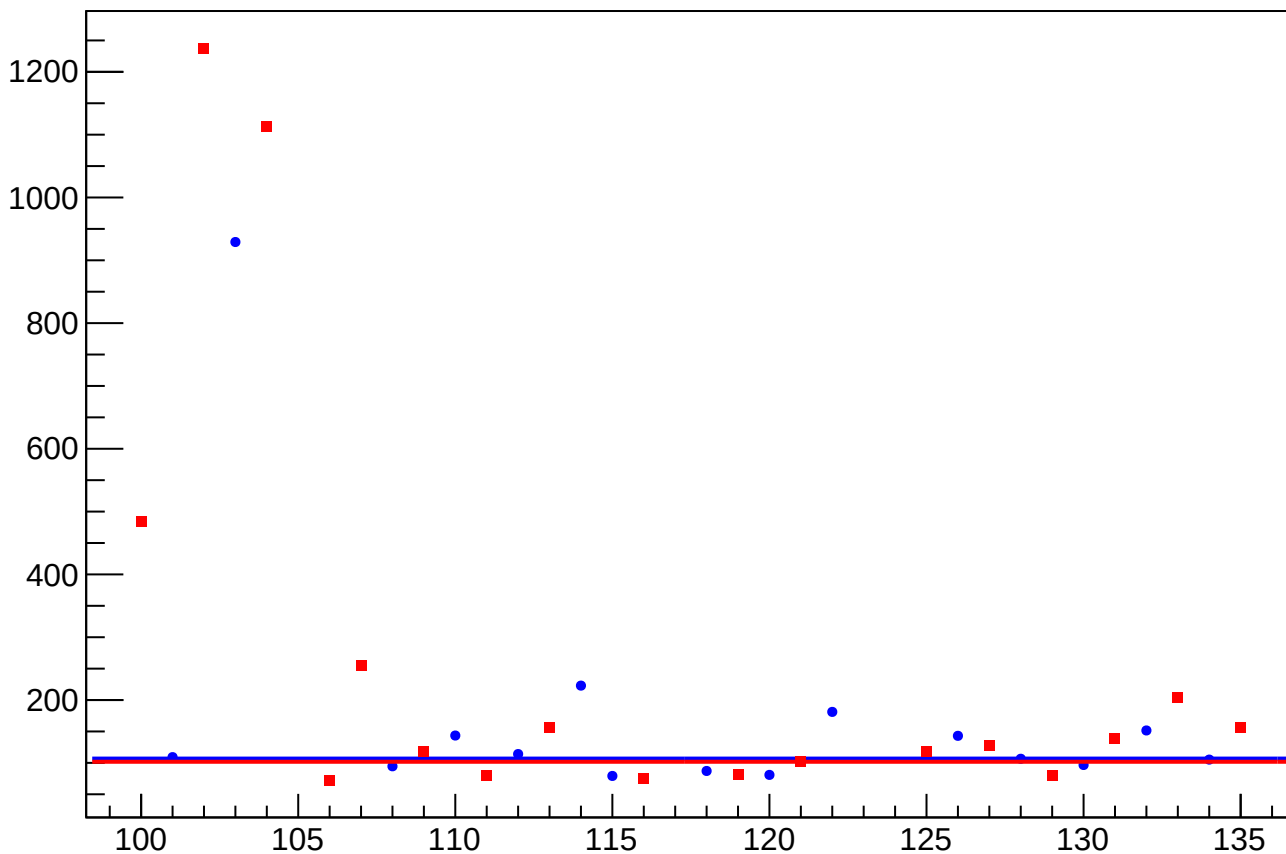
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.023 ± 0.034 $\chi^2/\text{NDF}: 33.4/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at1lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 106.811+/-0.034 χ^2/NDF : 1431537.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.751+/-0.033 χ^2/NDF : 2661263.3/16

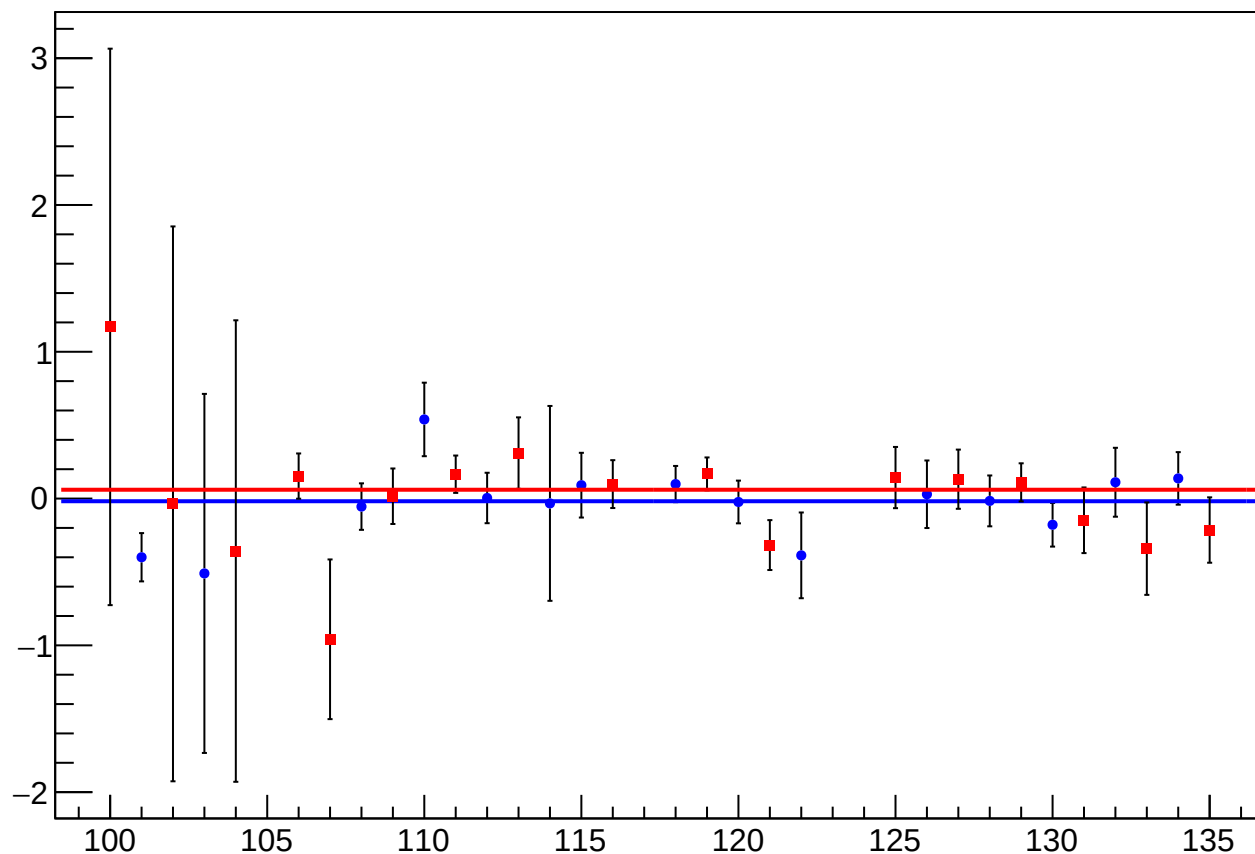
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.165+/-0.024 χ^2/NDF : 4104091.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.049 χ^2 /NDF: 15.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.060 $\pm$ 0.047 χ^2 /NDF: 16.4/16

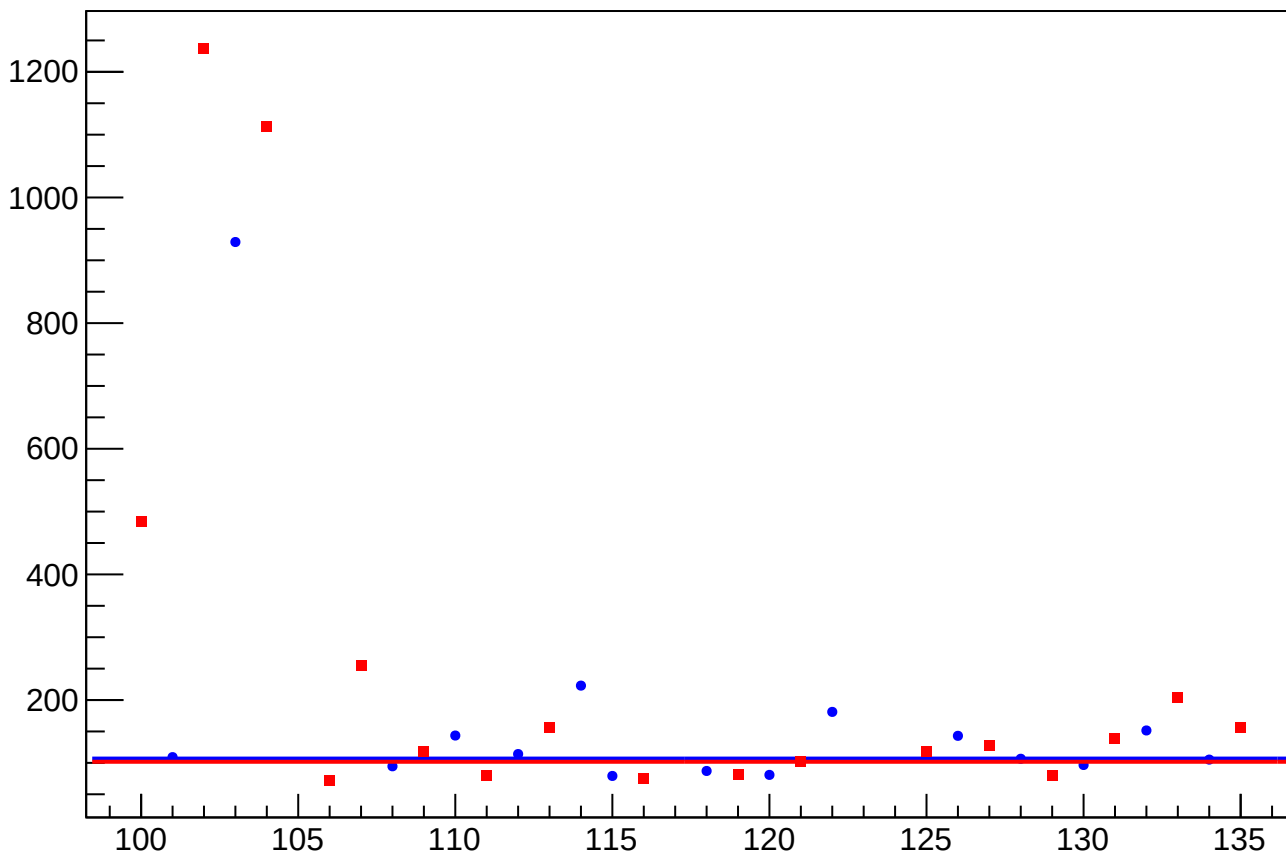
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.034 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 106.811+/-0.034 χ^2/NDF : 1431537.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.751+/-0.033 χ^2/NDF : 2661263.3/16

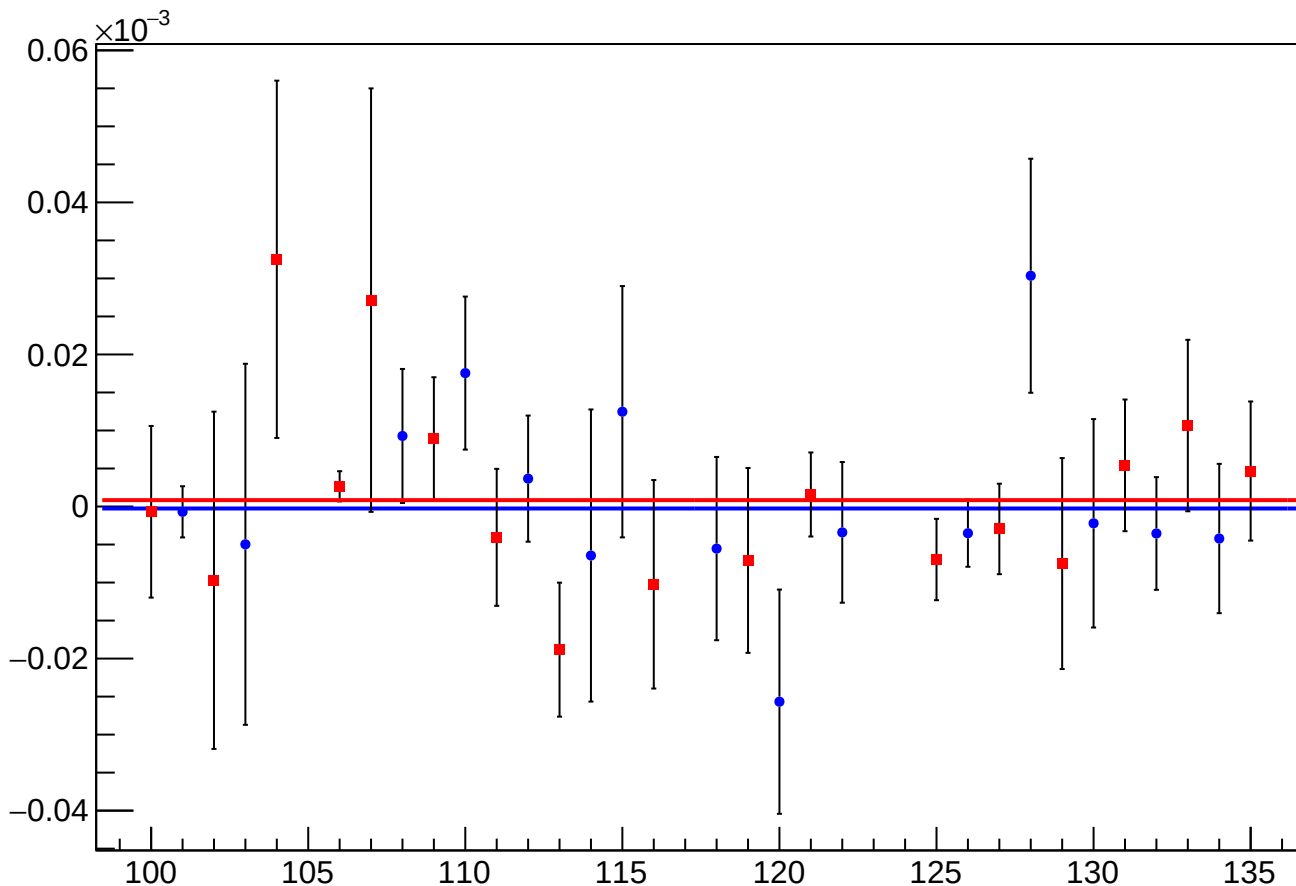
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.165+/-0.024 χ^2/NDF : 4104091.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/16

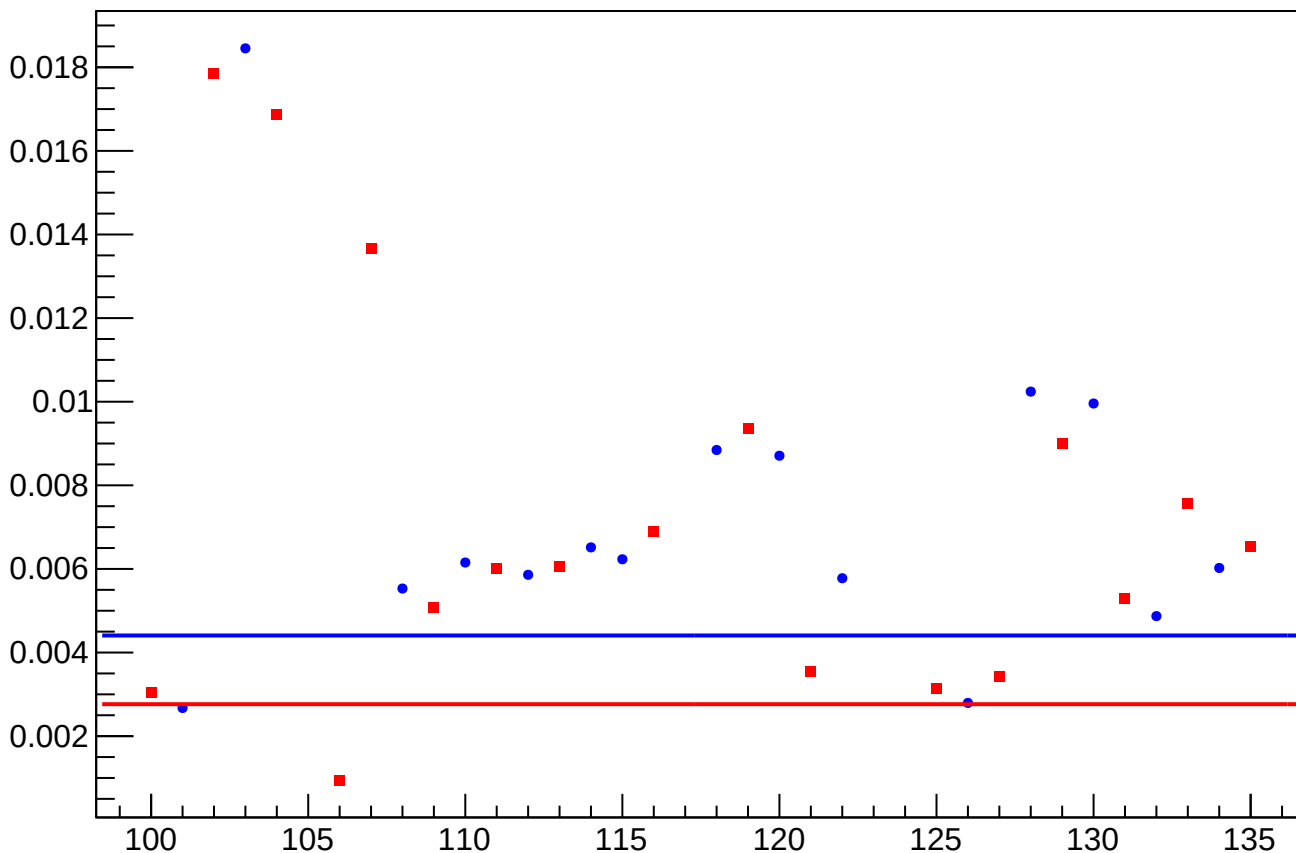
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 2861523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6478610.9/16

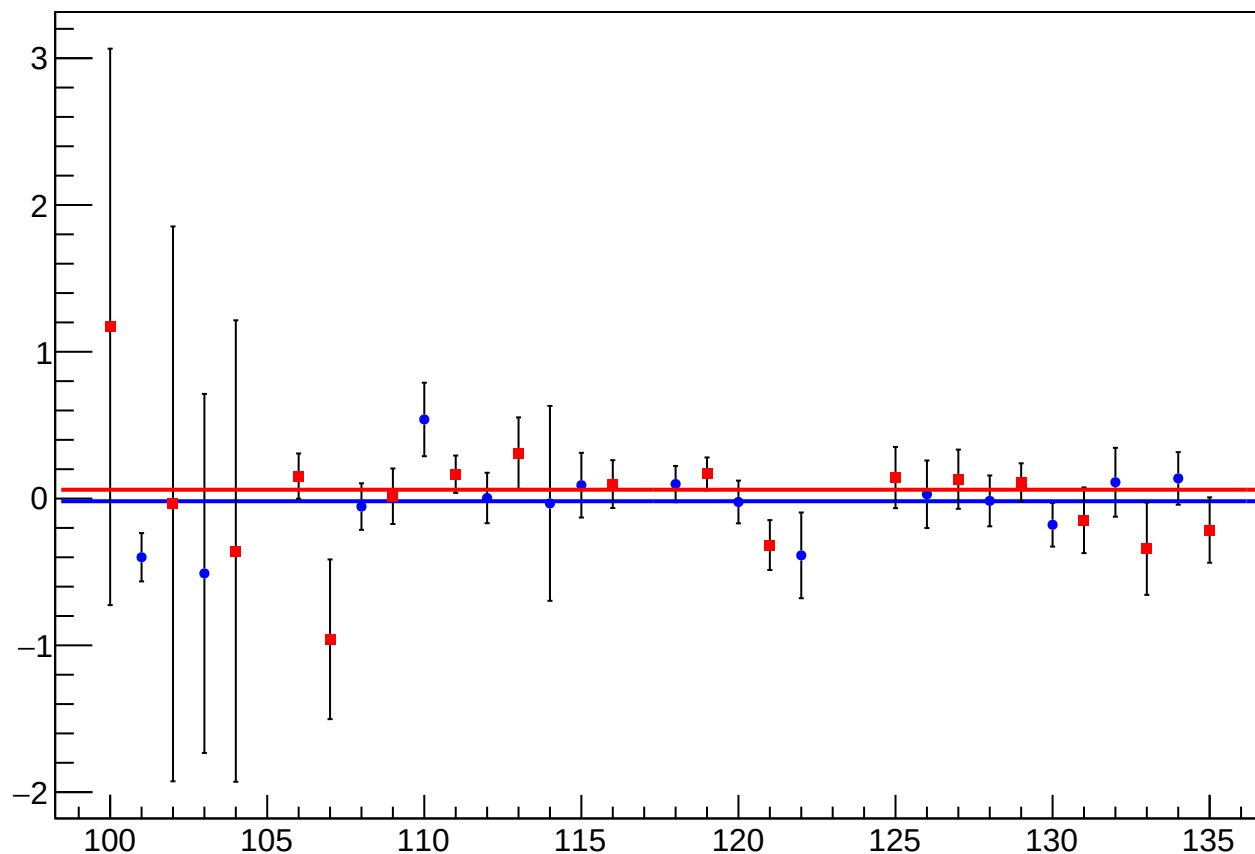
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10202004.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.060 ± 0.047 χ^2/NDF : 16.4/16

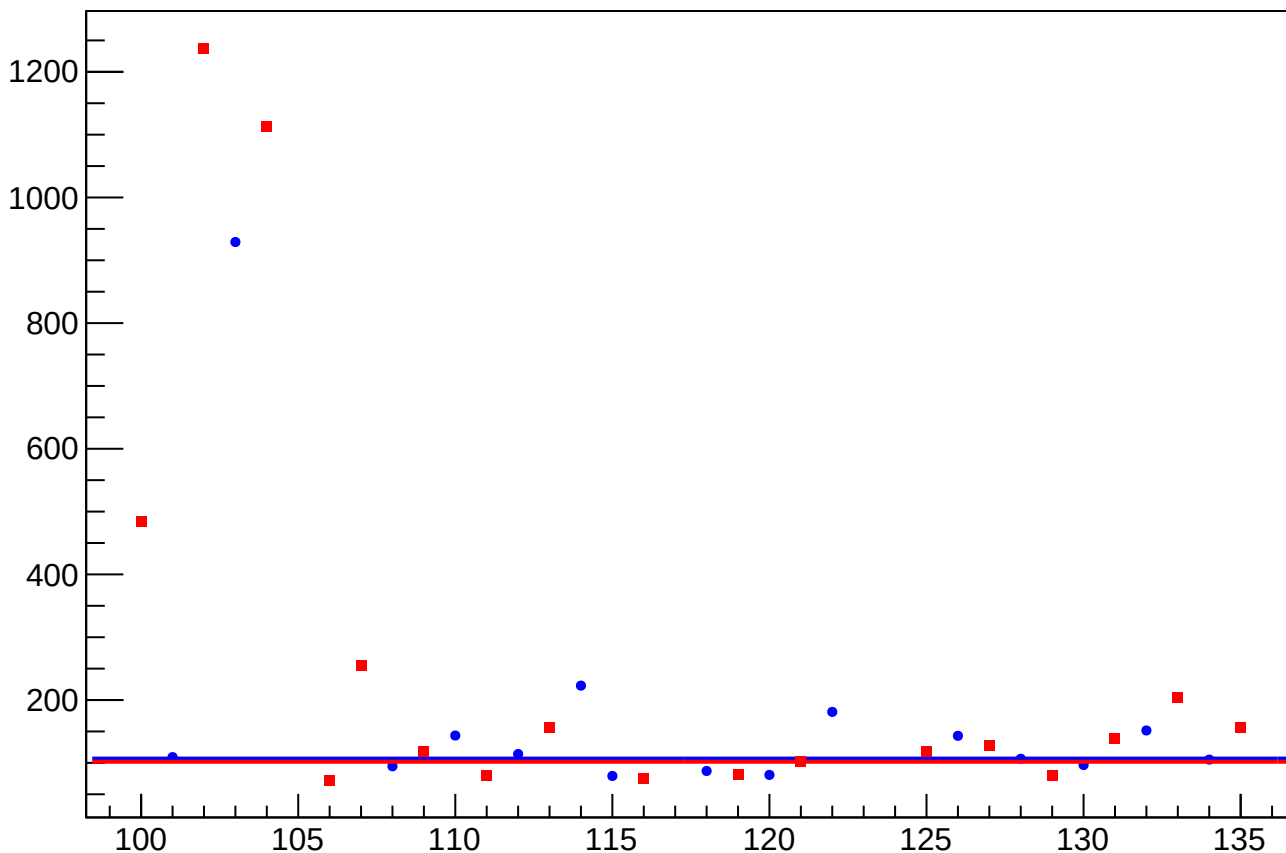
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.023 ± 0.034 χ^2/NDF : 33.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 106.809+/-0.034 χ^2/NDF : 1431562.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.749+/-0.033 χ^2/NDF : 2661256.6/16

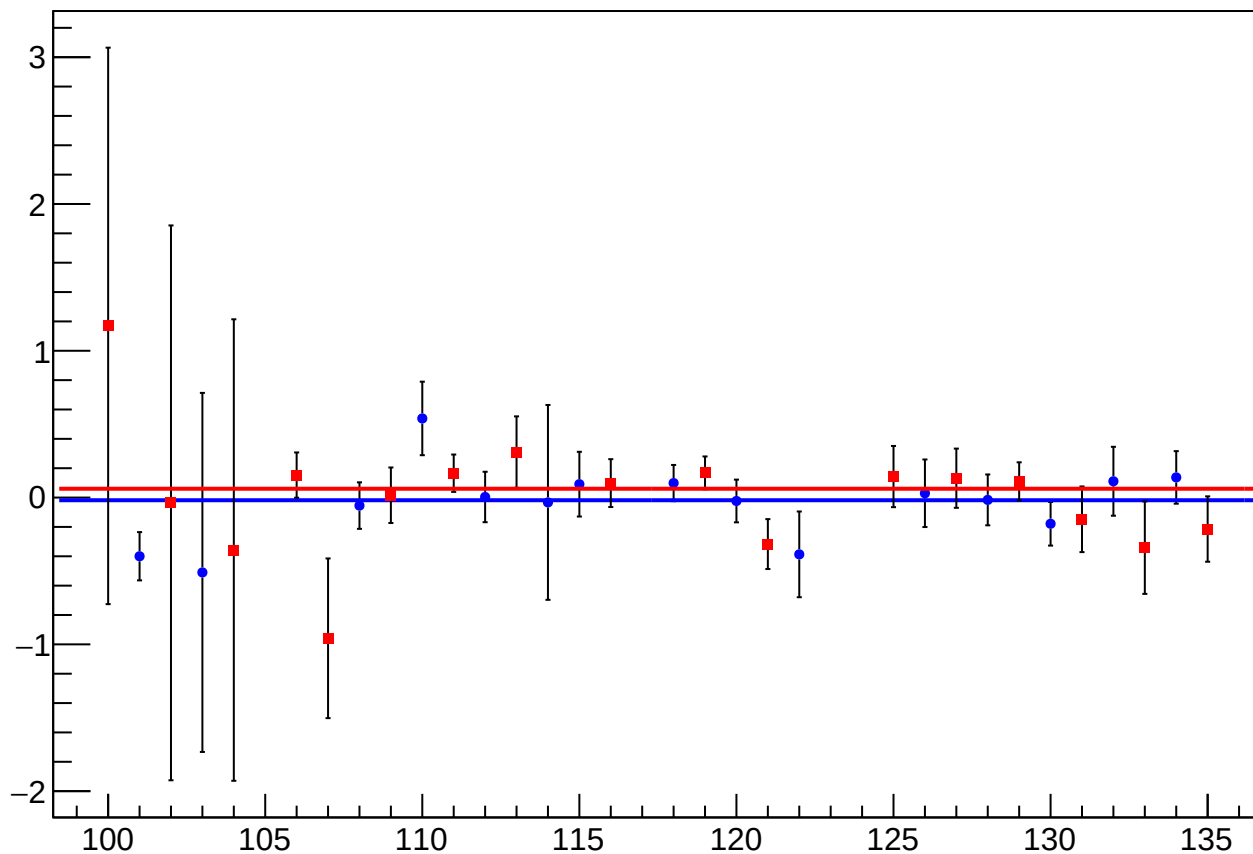
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.163+/-0.024 χ^2/NDF : 4104105.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.049 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.060 ± 0.047 χ^2/NDF : 16.4/16

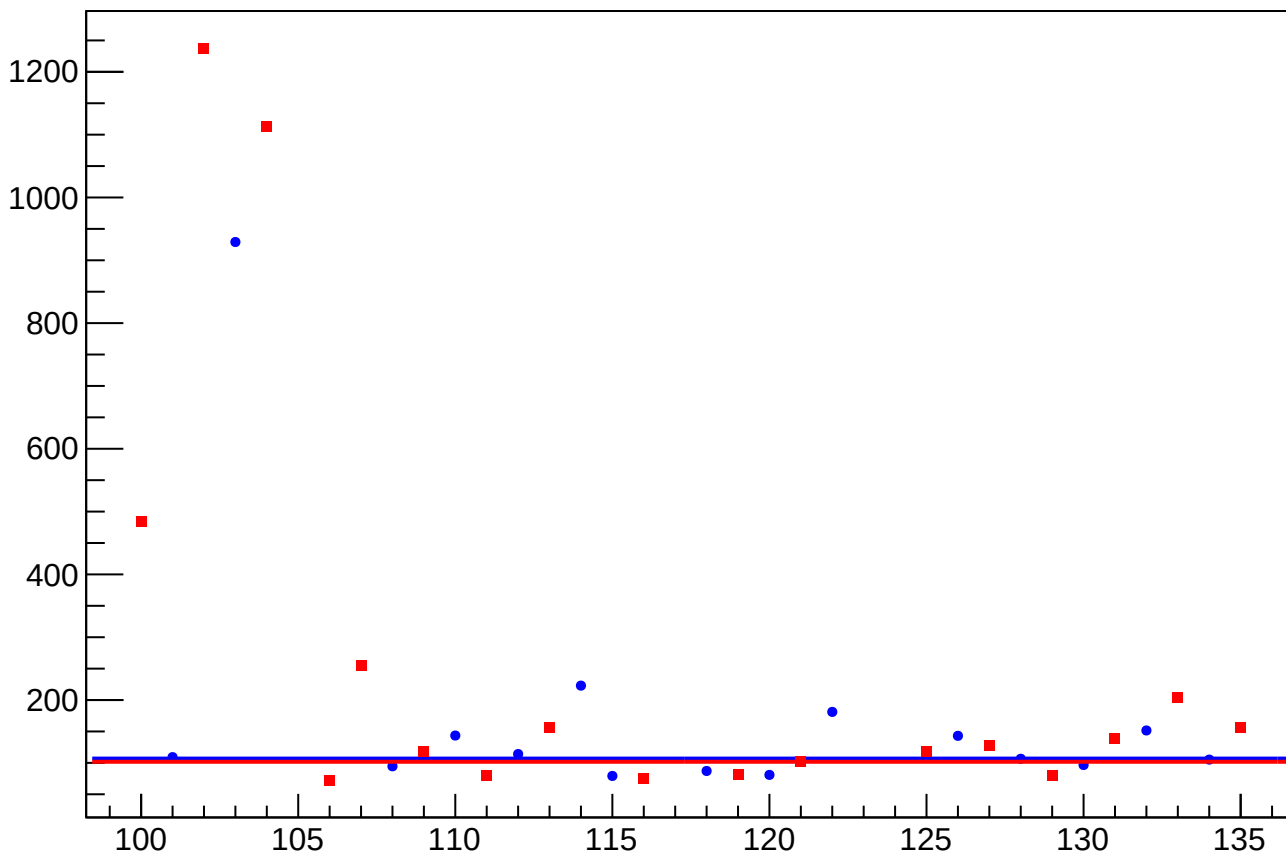
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.023 ± 0.034 χ^2/NDF : 33.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 106.809+/-0.034 χ^2/NDF : 1431562.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 101.749+/-0.033 χ^2/NDF : 2661256.6/16

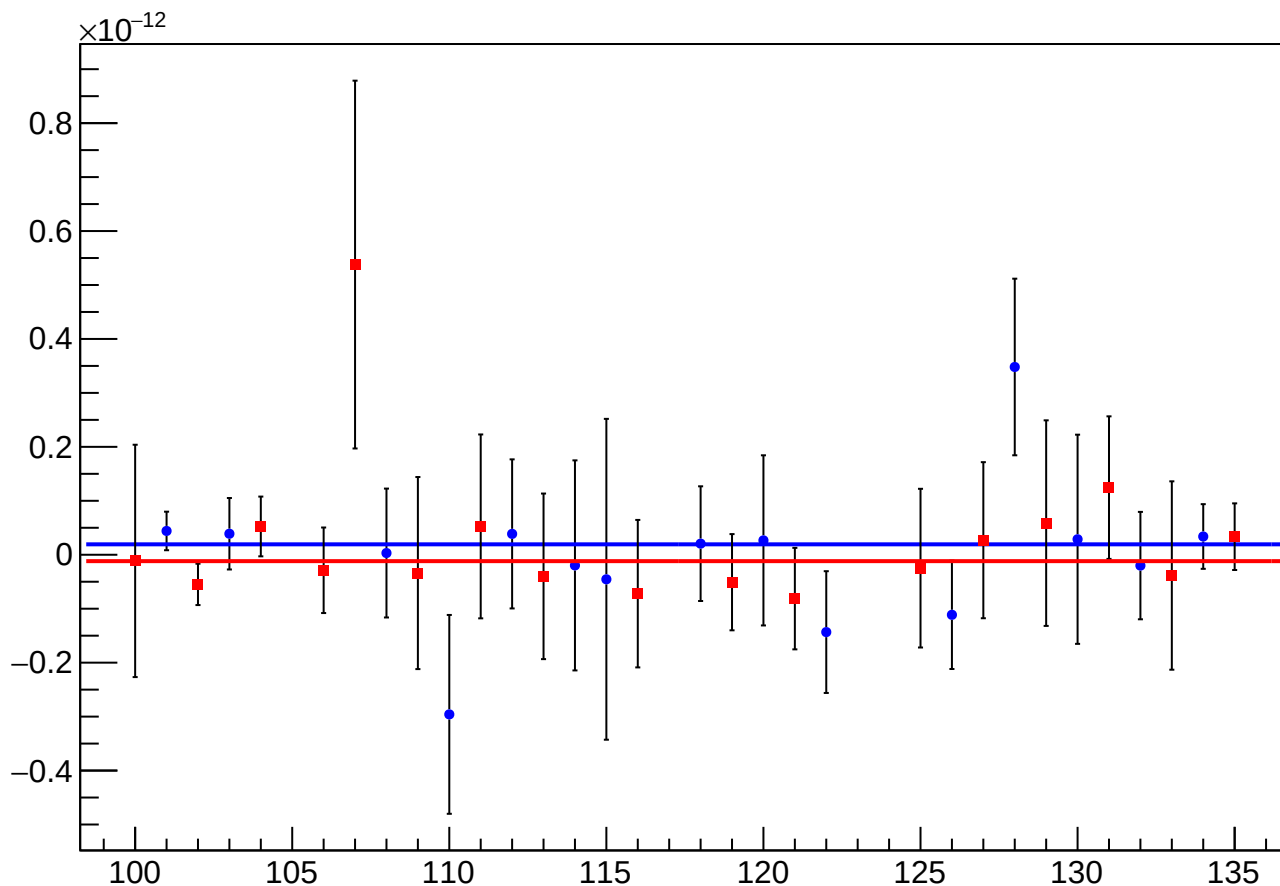
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.163+/-0.024 χ^2/NDF : 4104105.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/16

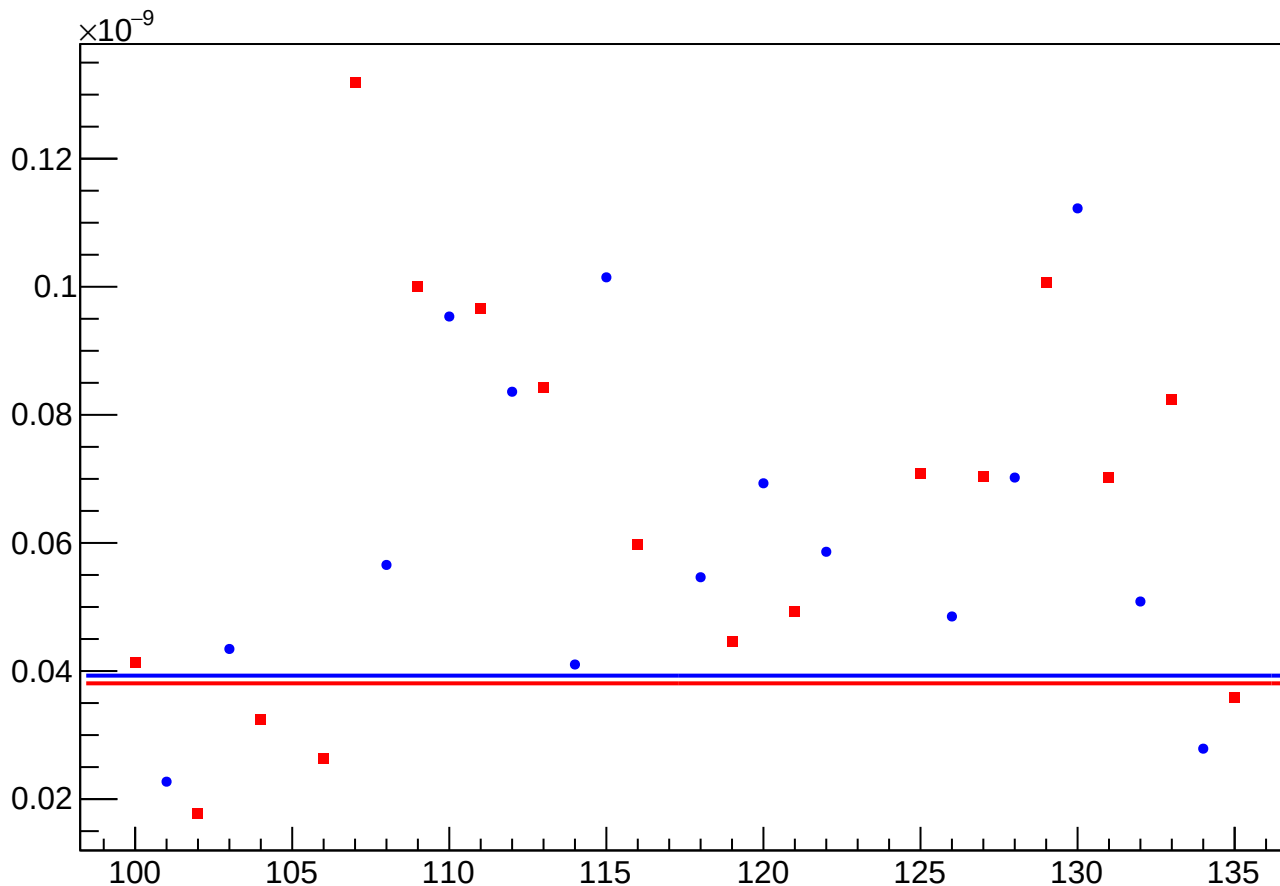
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1602315.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2193710.3/16

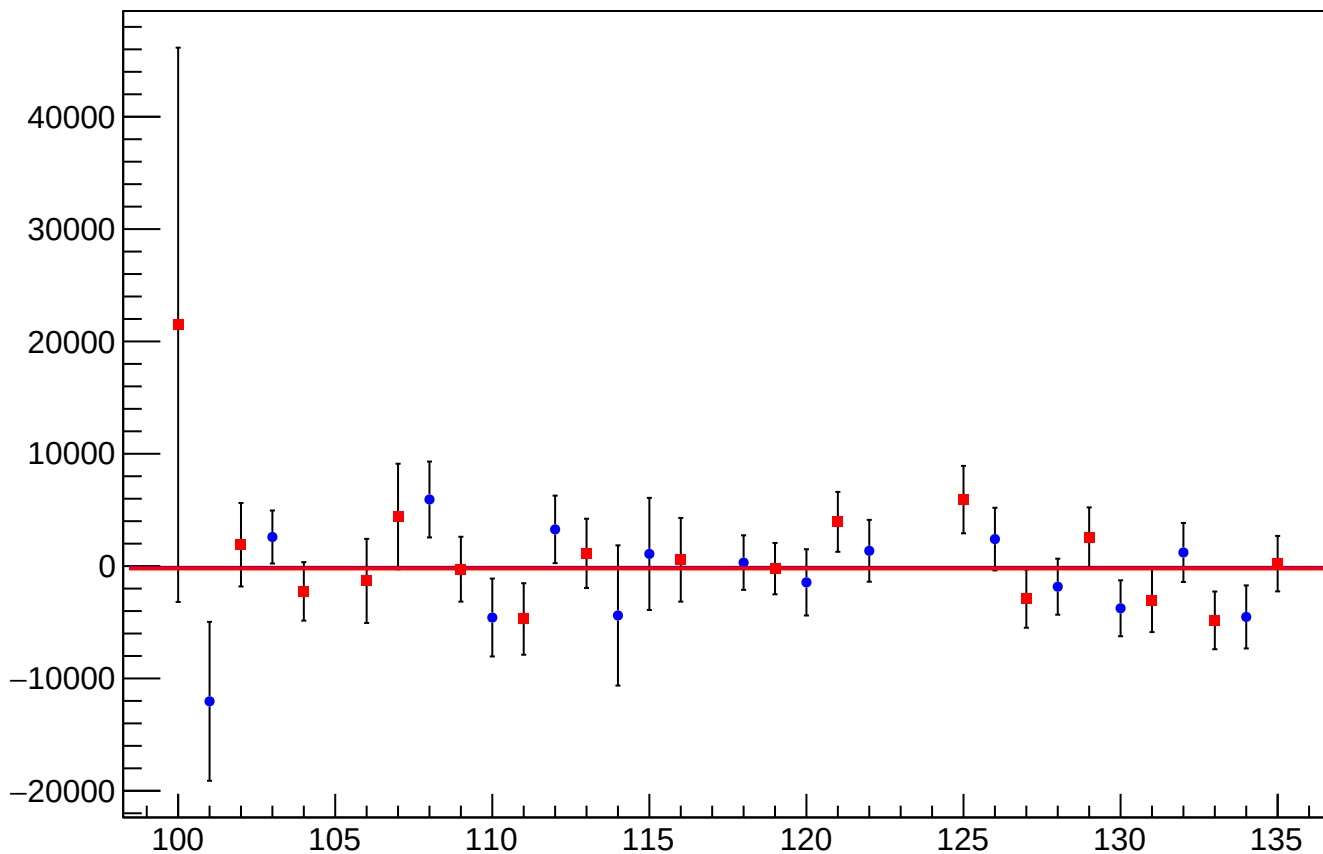
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3798940.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -157.191+/-770.096 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -207.033+/-724.863 χ^2/NDF : 18.0/16

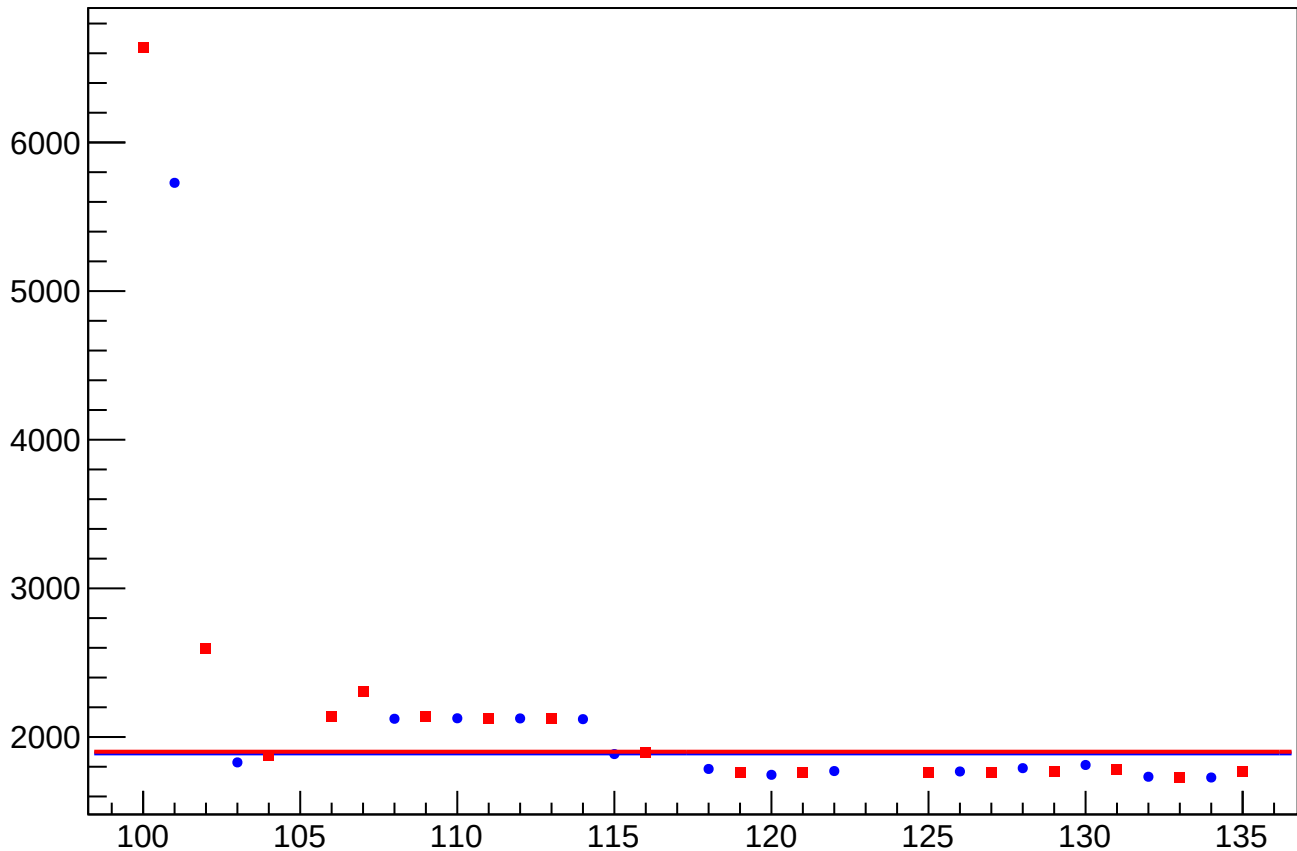
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -183.619+/-527.822 χ^2/NDF : 35.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

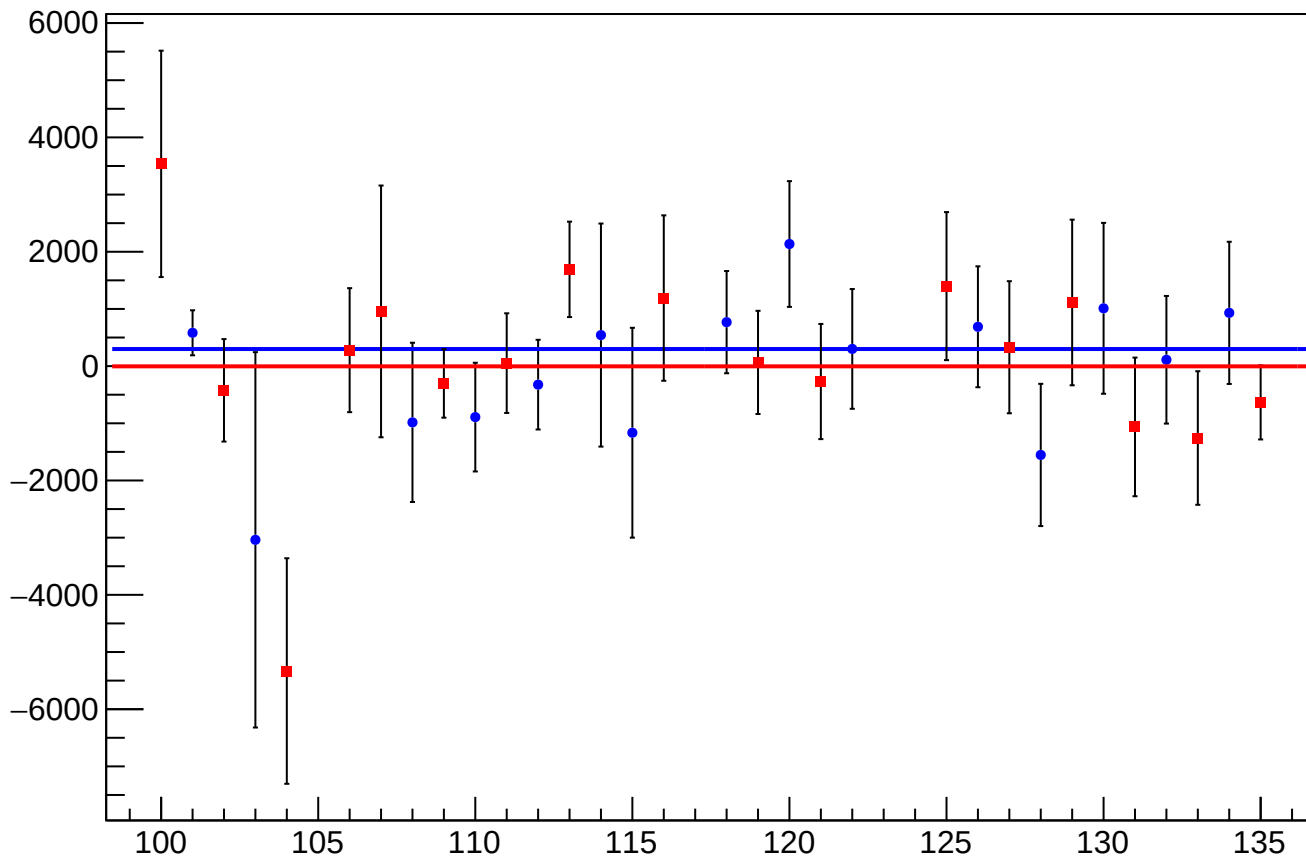
Right Out: 1901.103+/-0.513 χ^2/NDF : 247007.0/16

All: 1895.857+/-0.373 χ^2/NDF : 906229.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_mean vs Slug



Right In: 298.786 $\pm$ 244.062 χ^2 /NDF: 11.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.960 $\pm$ 244.959 χ^2 /NDF: 20.8/16

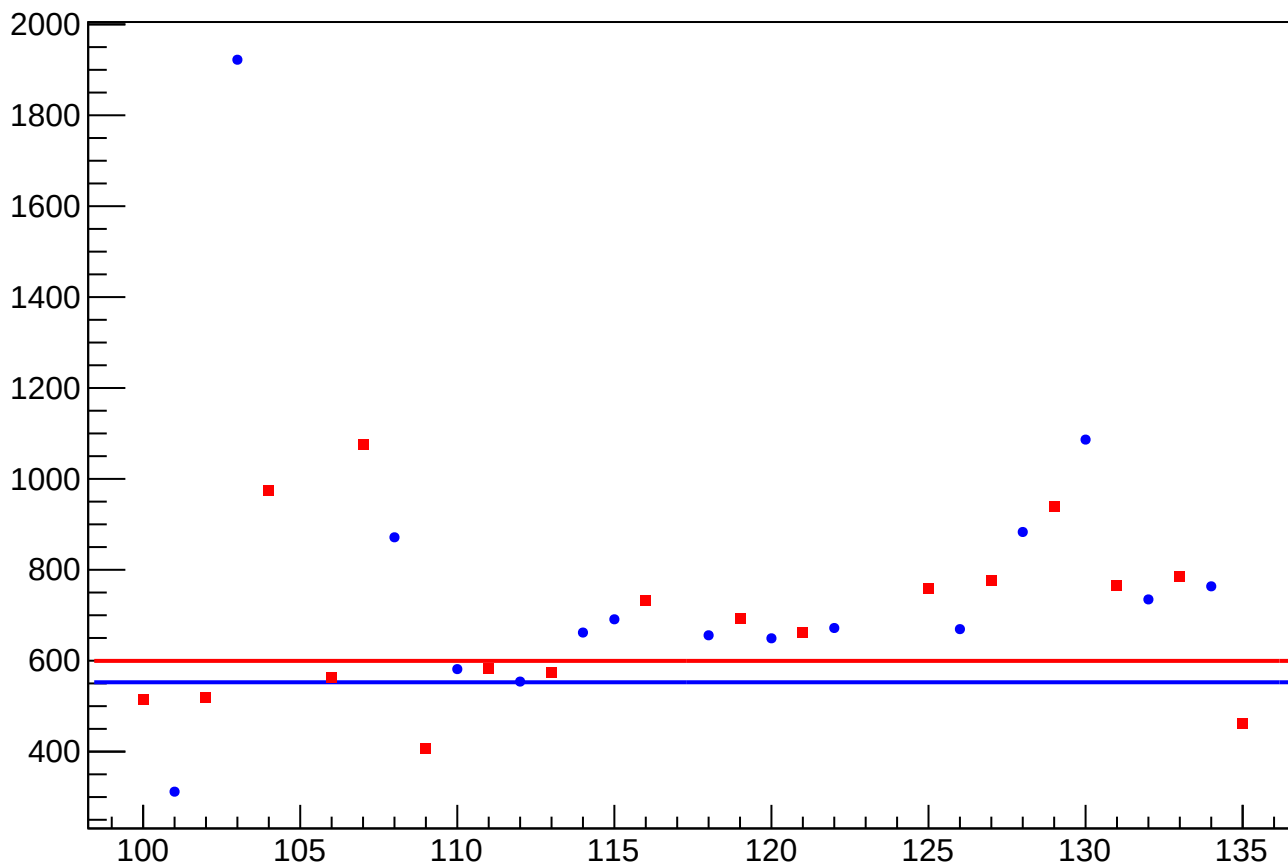
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 147.969 $\pm$ 172.894 χ^2 /NDF: 32.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_reg_correction_rms vs Slug



Right In: 552.550+/-0.173 χ^2/NDF : 1821640.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.592+/-0.173 χ^2/NDF : 808432.5/16

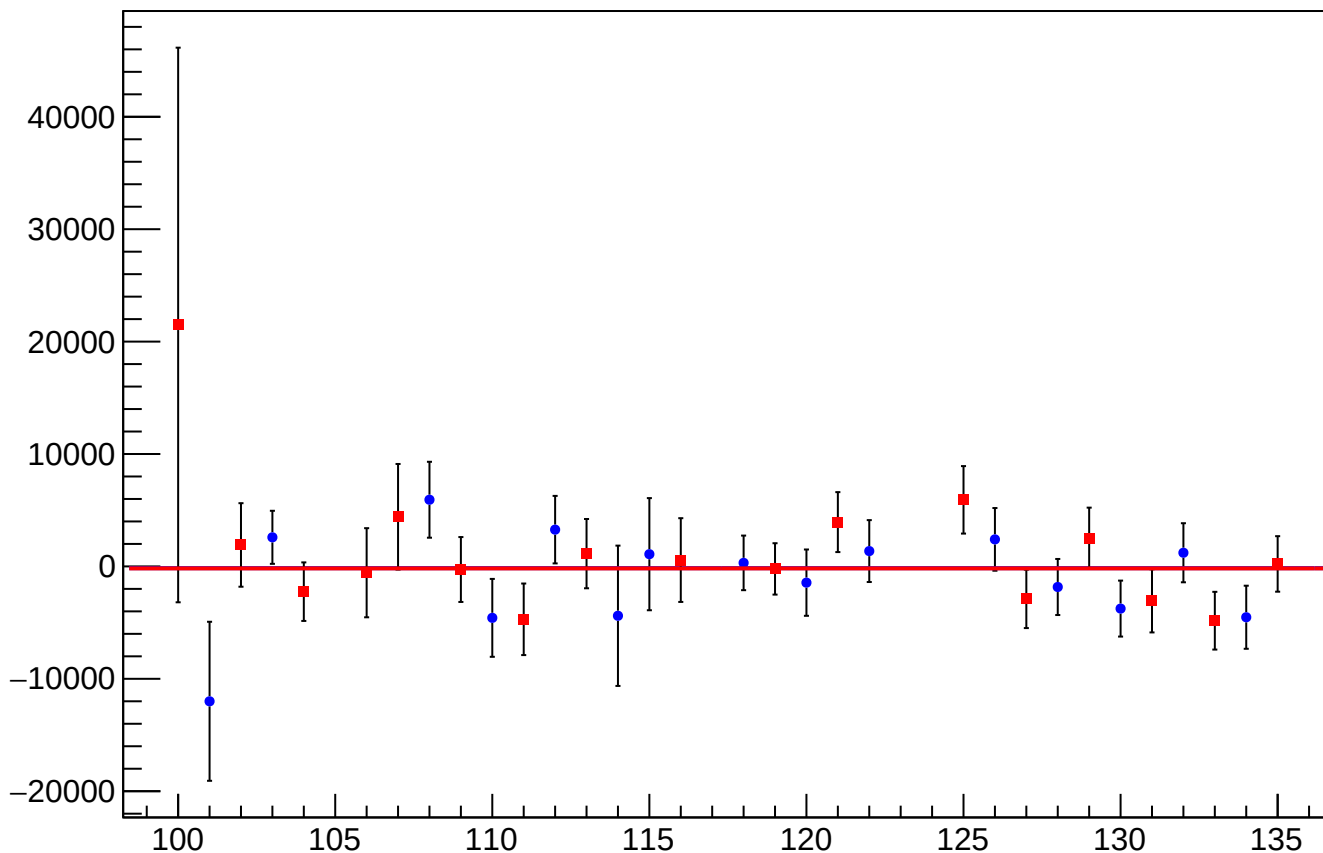
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.984+/-0.122 χ^2/NDF : 2667088.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -156.943+/-770.096 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.874+/-726.348 χ^2/NDF : 17.9/16

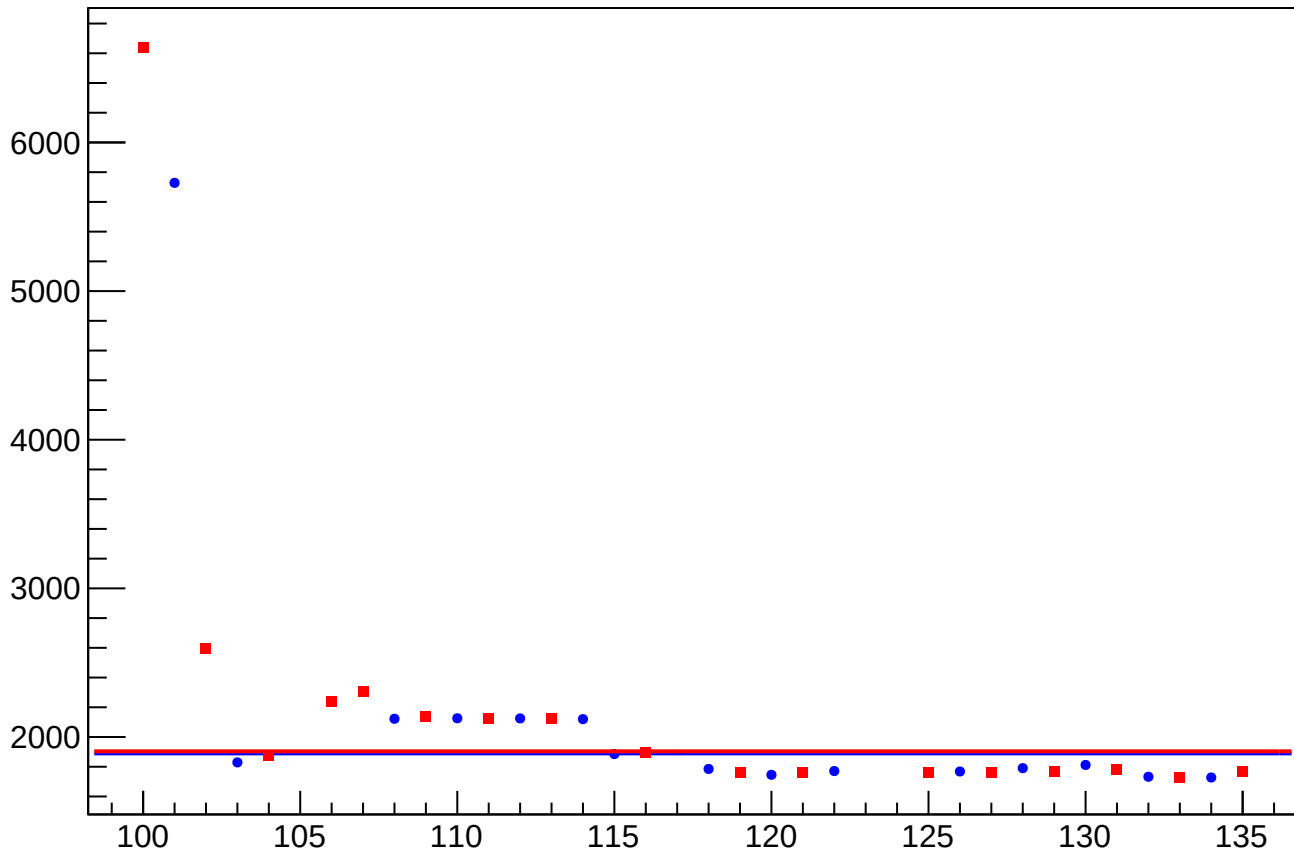
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.491+/-528.395 χ^2/NDF : 35.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1889.936+/-0.545 χ^2/NDF : 658999.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

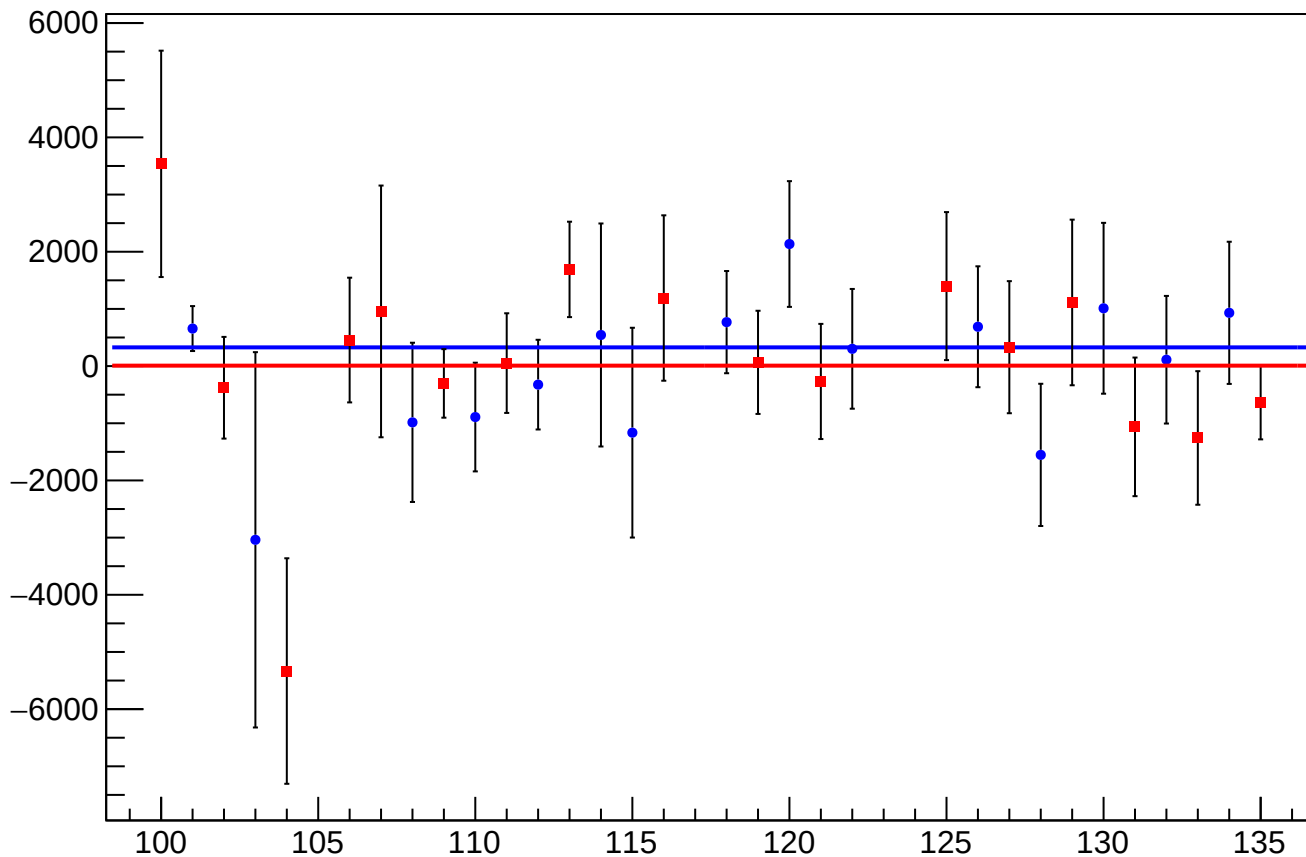
Right Out: 1903.665+/-0.514 χ^2/NDF : 253821.0/16

All: 1897.201+/-0.374 χ^2/NDF : 913156.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_mean vs Slug



Right In: 327.421+/-243.956 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.682+/-244.899 χ^2/NDF : 20.9/16

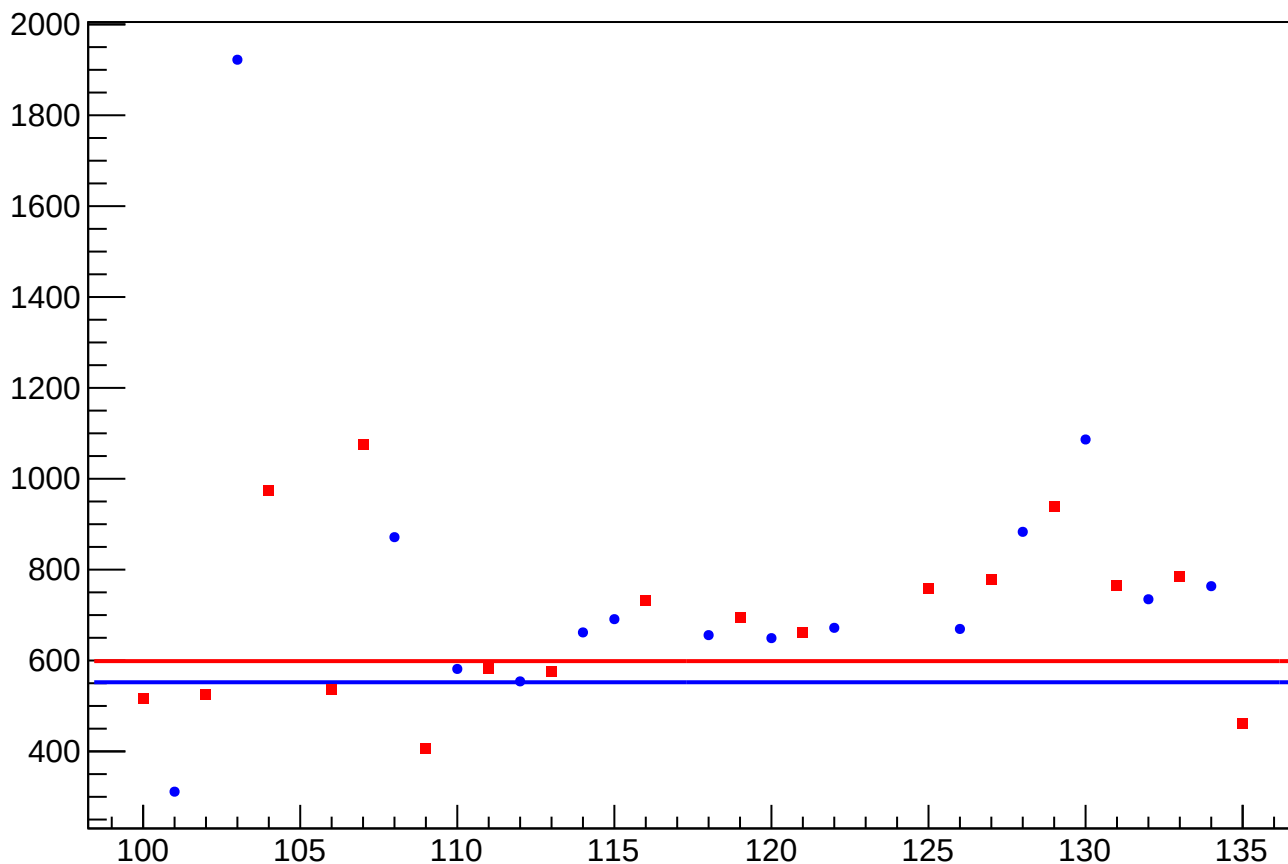
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.168+/-172.835 χ^2/NDF : 33.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_cor_correction_rms vs Slug



Right In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.679+/-0.173 χ^2/NDF : 810358.5/16

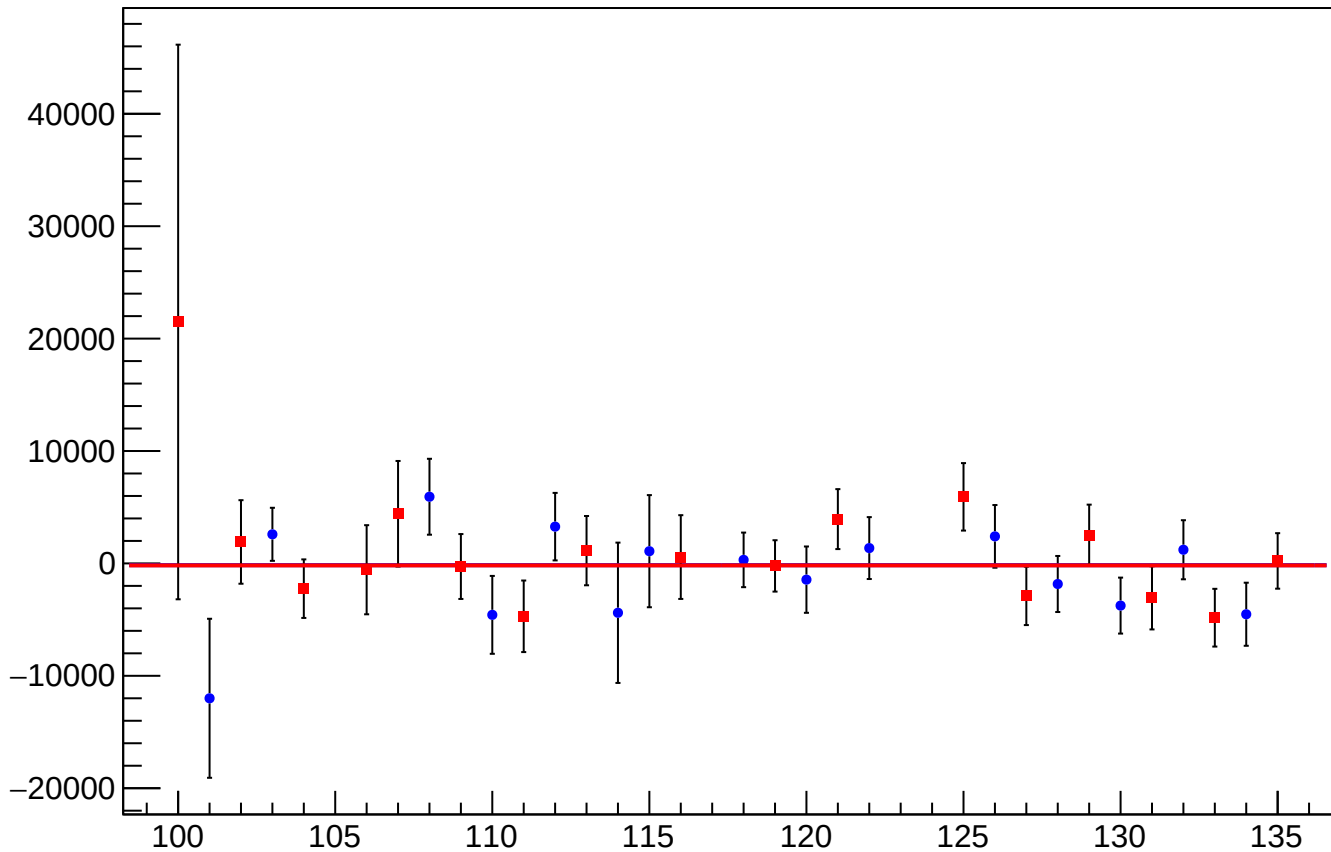
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.324+/-0.122 χ^2/NDF : 2672933.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -156.943+/-770.096 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.874+/-726.348 χ^2/NDF : 17.9/16

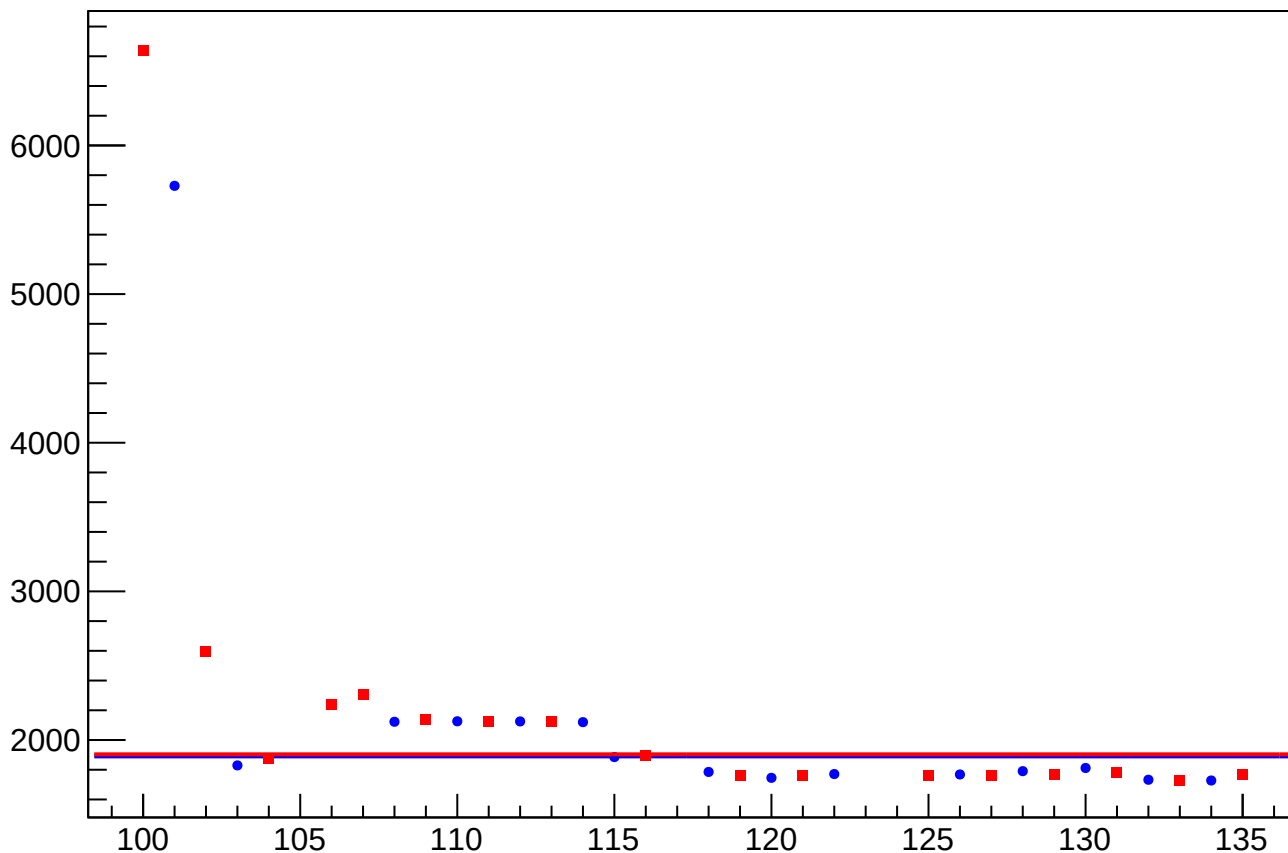
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -167.491+/-528.395 χ^2/NDF : 35.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1889.936 $\pm$ 0.545 χ^2 /NDF: 658999.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1903.665 $\pm$ 0.514 χ^2 /NDF: 253821.0/16

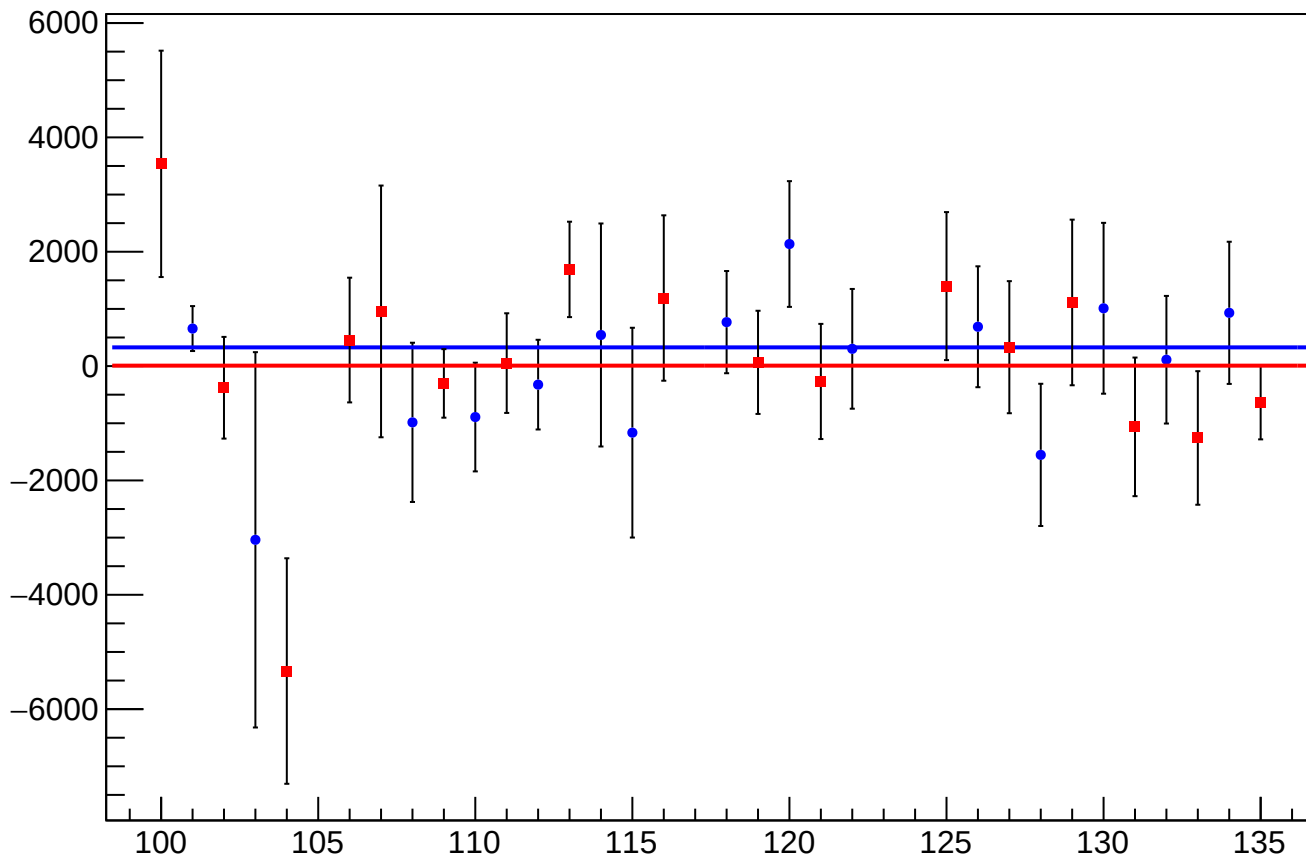
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1897.201 $\pm$ 0.374 χ^2 /NDF: 913156.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 327.421+/-243.956 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7.682+/-244.899 χ^2/NDF : 20.9/16

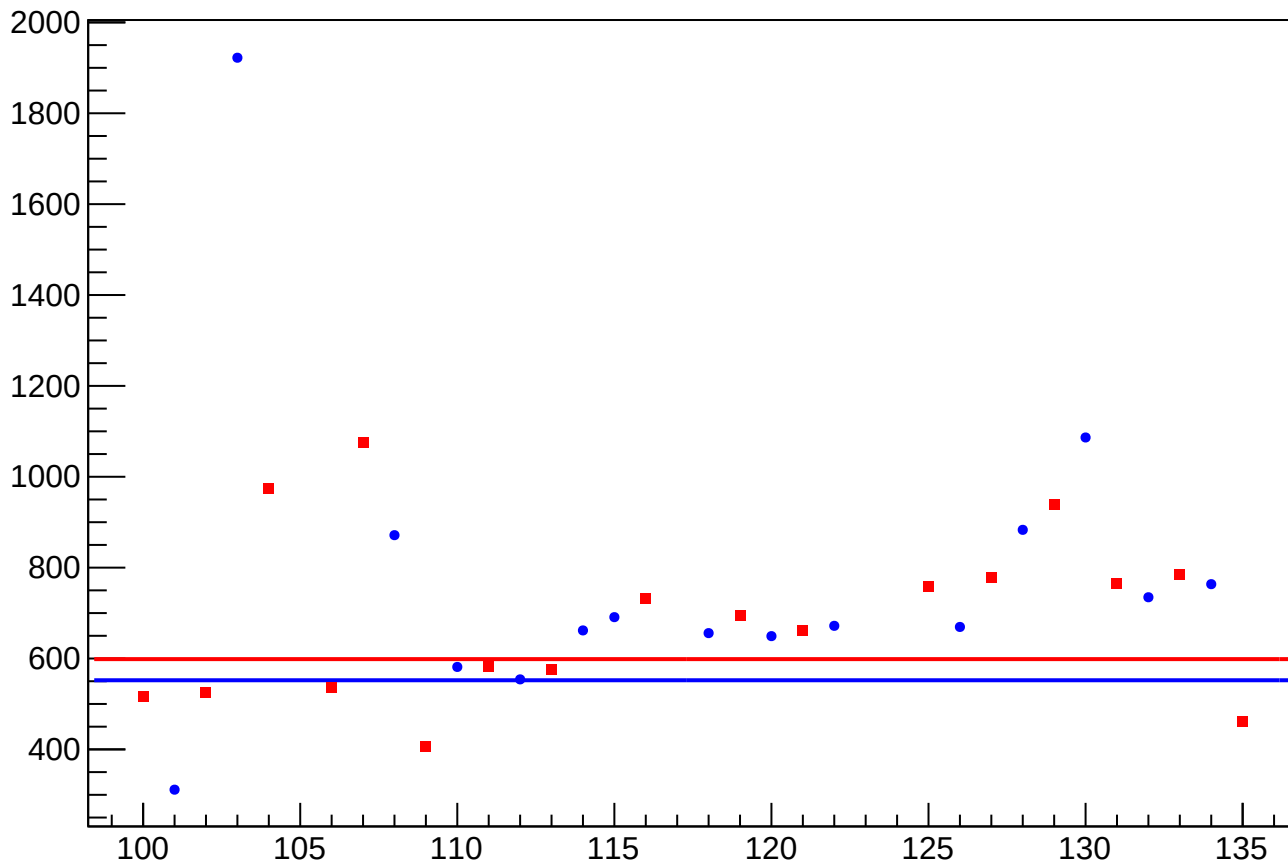
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.168+/-172.835 χ^2/NDF : 33.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 552.148+/-0.173 χ^2/NDF : 1826334.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 598.679+/-0.173 χ^2/NDF : 810358.5/16

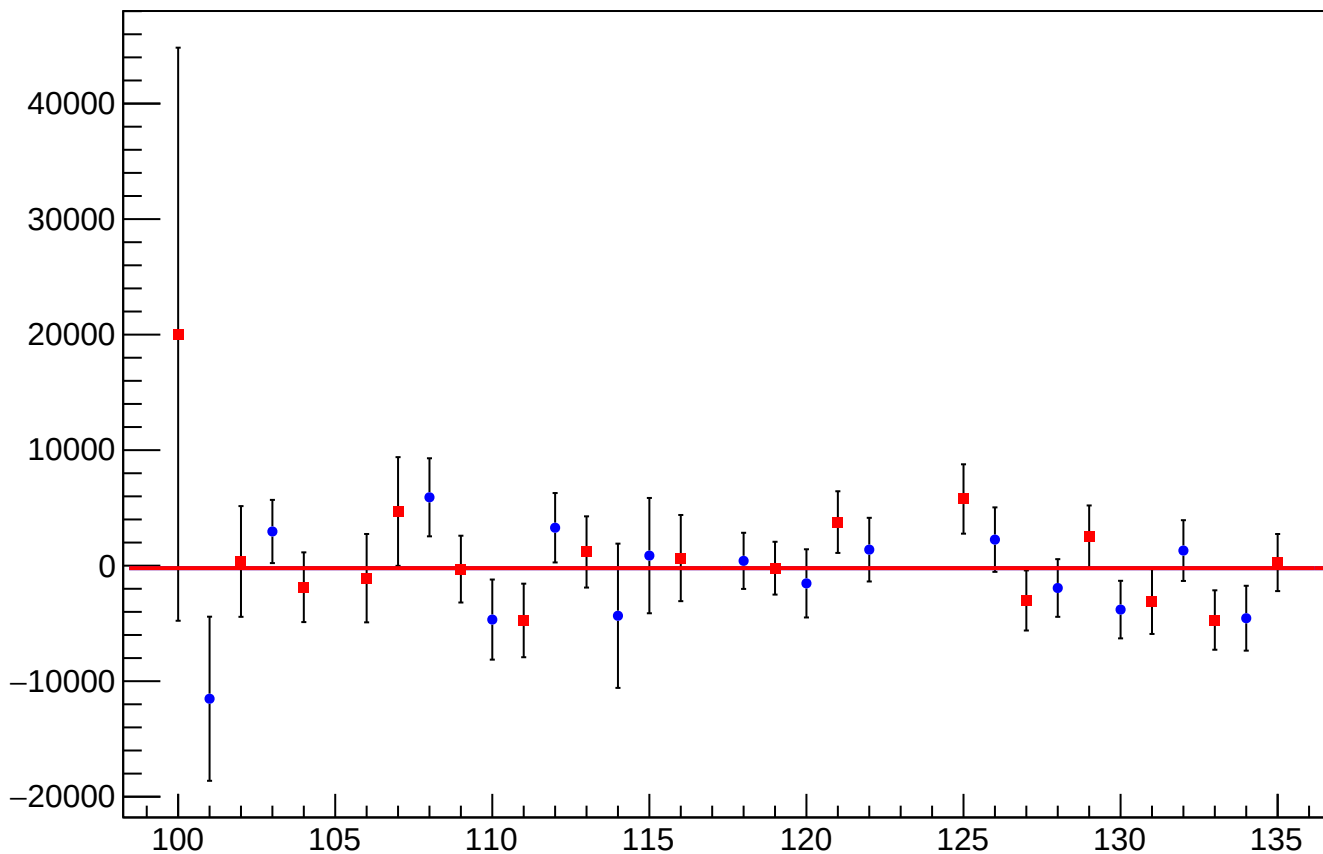
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 575.324+/-0.122 χ^2/NDF : 2672933.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -219.070+/-781.331 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.459+/-739.040 χ^2/NDF : 16.9/16

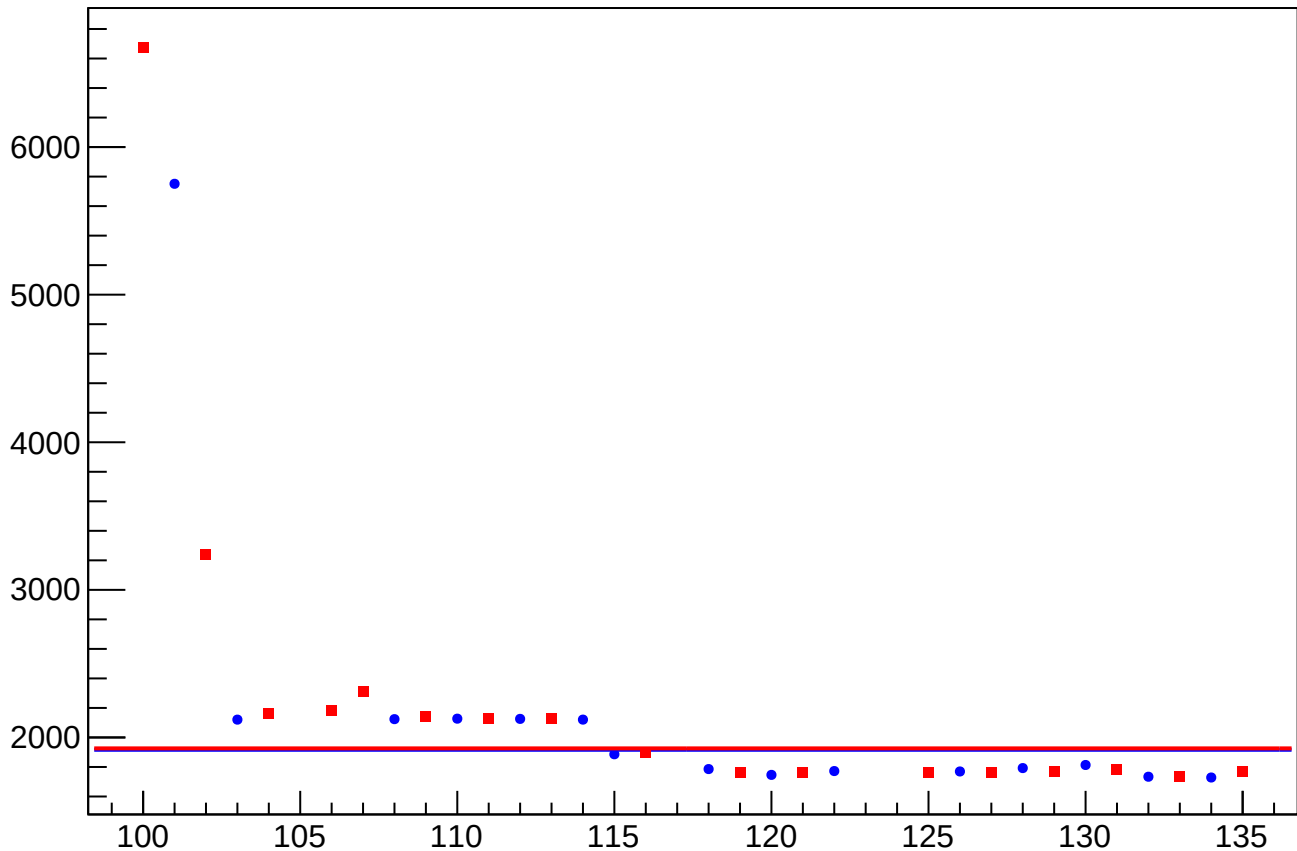
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.108+/-536.909 χ^2/NDF : 34.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1916.538 $\pm$ 0.552 χ^2 /NDF: 671296.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1926.001 $\pm$ 0.523 χ^2 /NDF: 347747.8/16

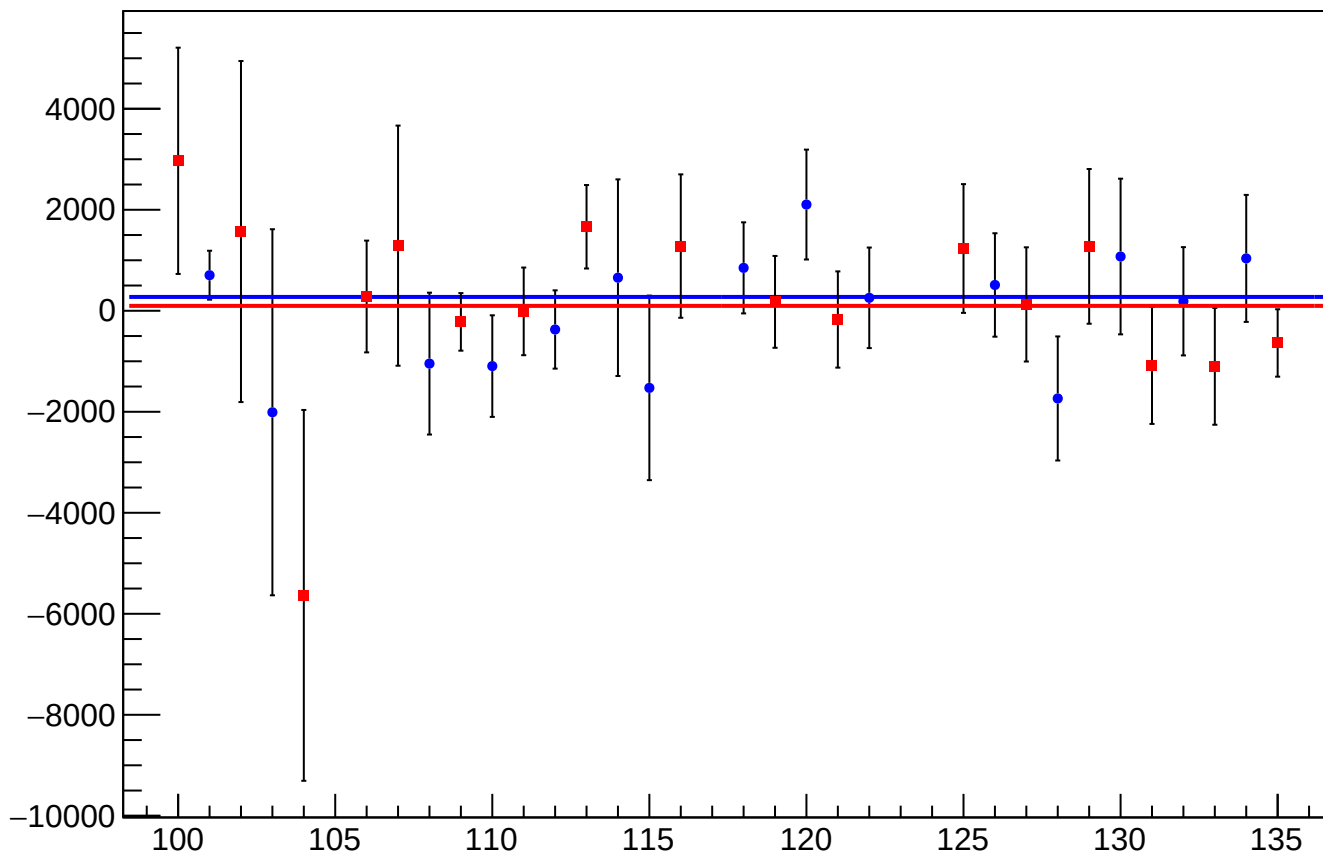
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1921.532 $\pm$ 0.380 χ^2 /NDF: 1019199.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_mean vs Slug



Right In: 274.149 $\pm$ 260.927 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.130 $\pm$ 253.251 χ^2 /NDF: 14.0/16

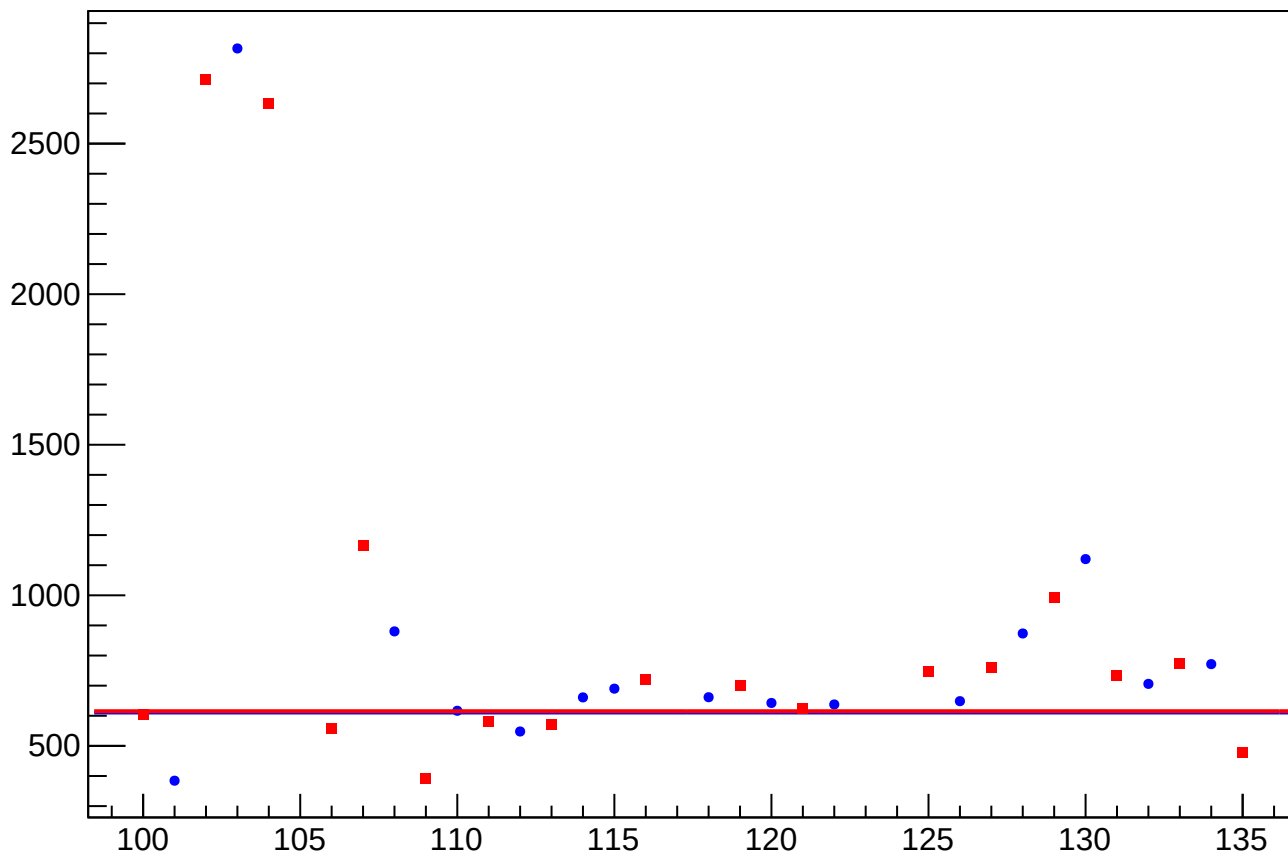
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.997 $\pm$ 181.729 χ^2 /NDF: 26.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_correction_rms vs Slug



Right In: 610.929+/-0.185 χ^2/NDF : 1640175.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 615.079+/-0.179 χ^2/NDF : 2157641.1/16

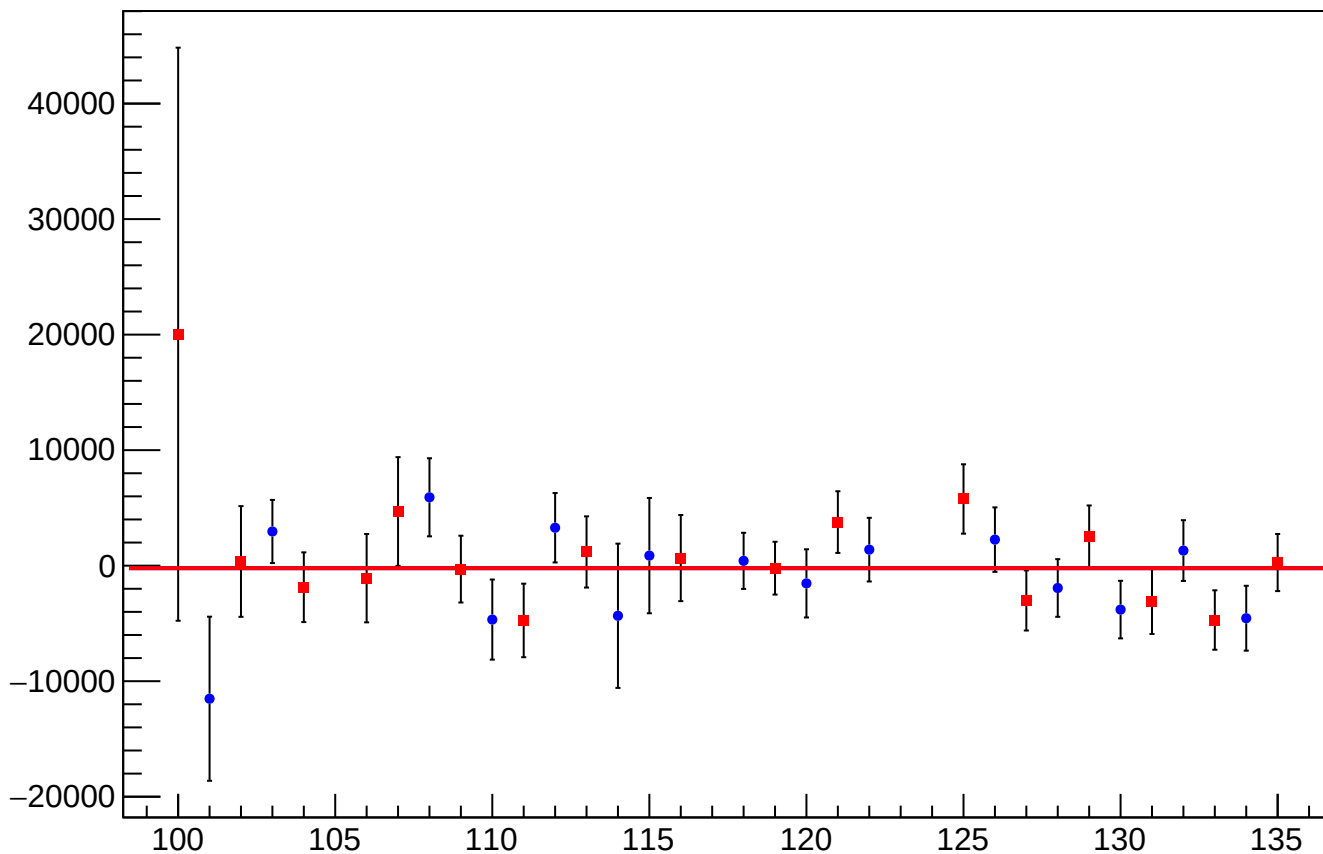
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.066+/-0.129 χ^2/NDF : 3798077.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -219.067+/-781.331 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.459+/-739.040 χ^2/NDF : 16.9/16

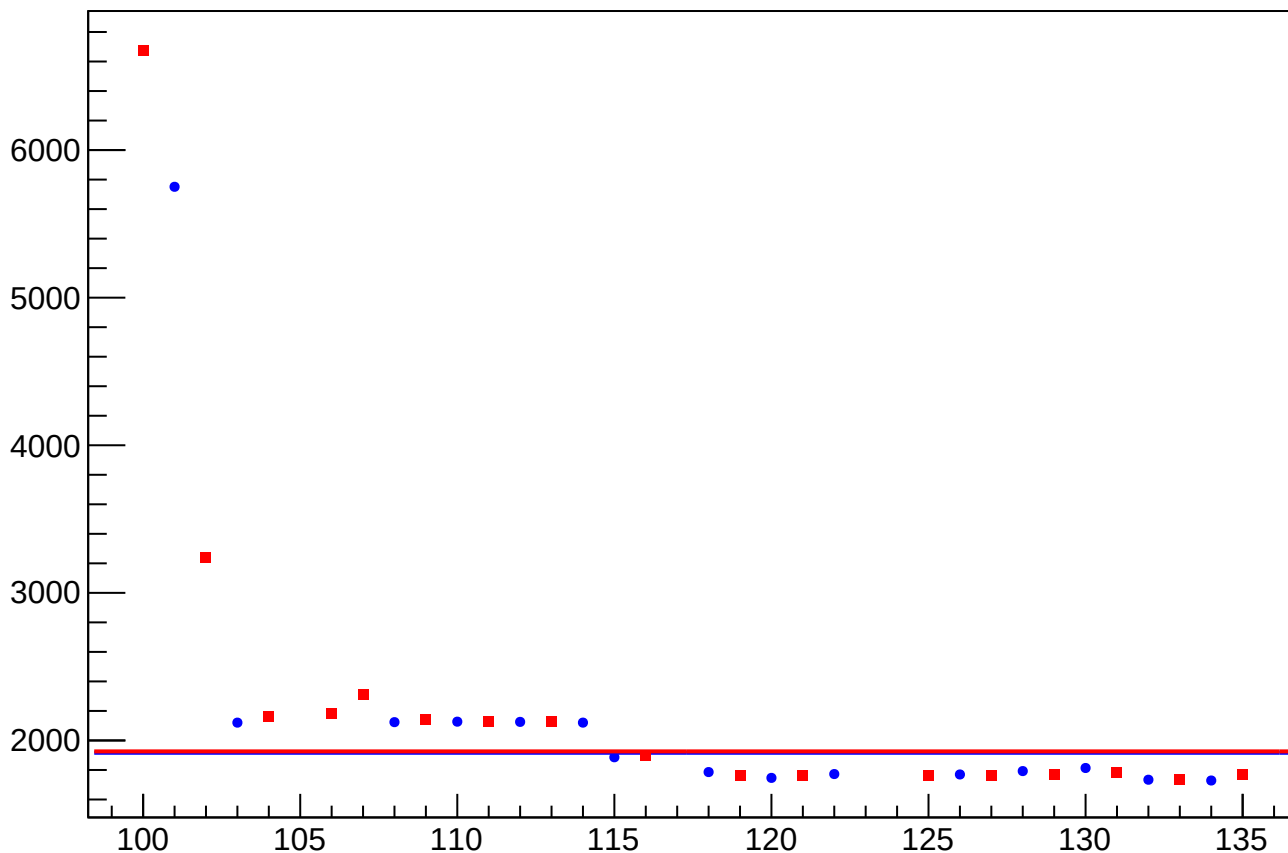
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -216.107+/-536.909 χ^2/NDF : 34.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 1916.538+/-0.552 χ^2/NDF : 671296.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1926.000+/-0.523 χ^2/NDF : 347747.1/16

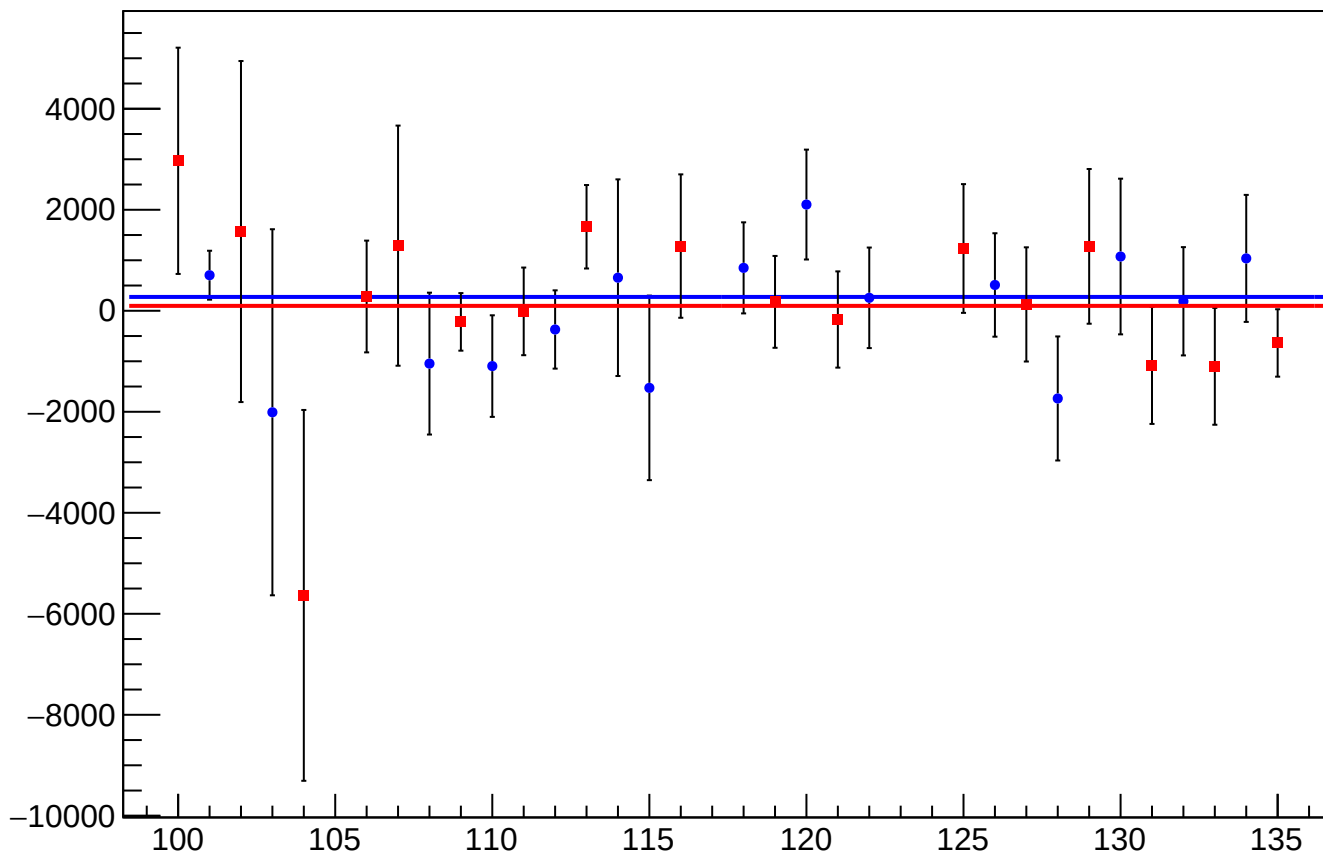
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1921.532+/-0.380 χ^2/NDF : 1019198.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 274.148 $\pm$ 260.926 χ^2 /NDF: 12.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 97.129 $\pm$ 253.250 χ^2 /NDF: 14.0/16

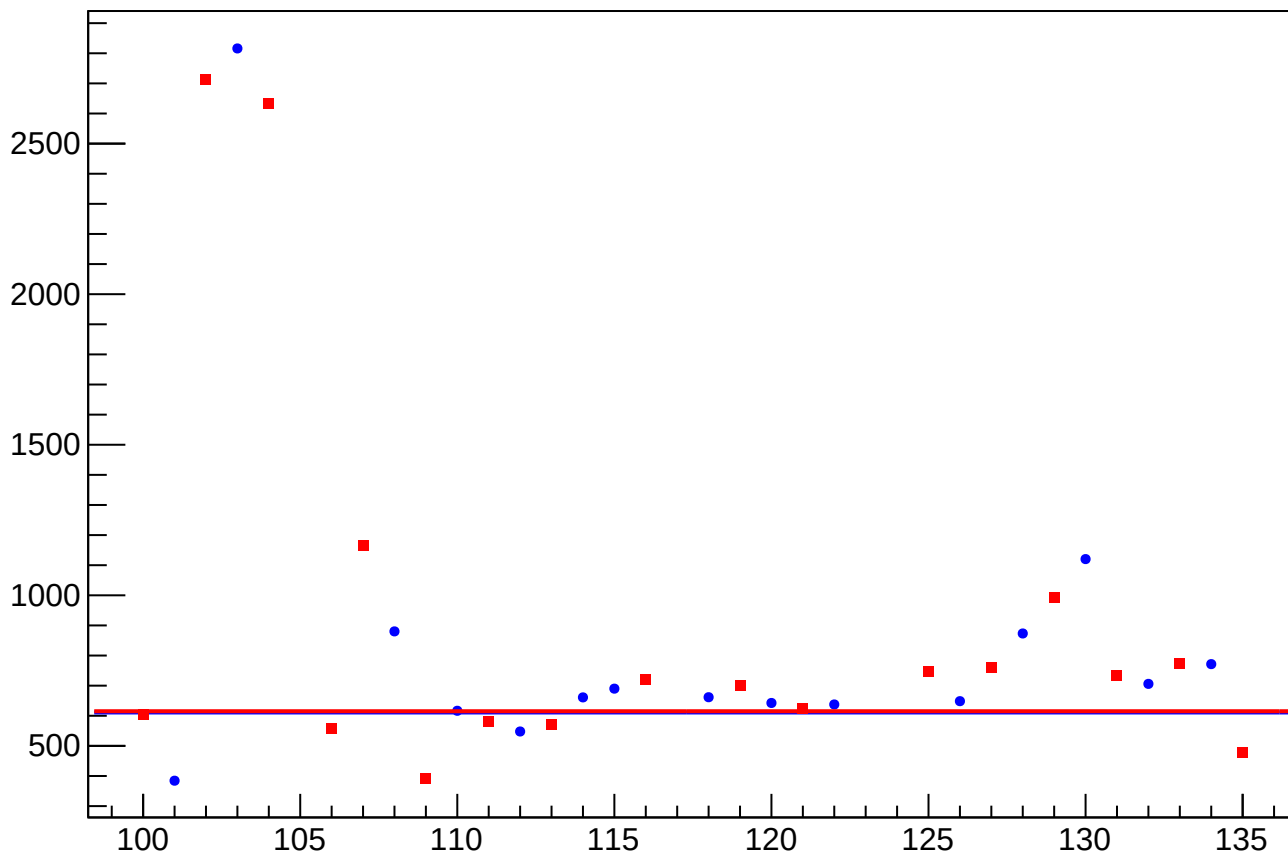
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.996 $\pm$ 181.728 χ^2 /NDF: 26.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 610.927+/-0.185 χ^2/NDF : 1640163.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 615.075+/-0.179 χ^2/NDF : 2157657.0/16

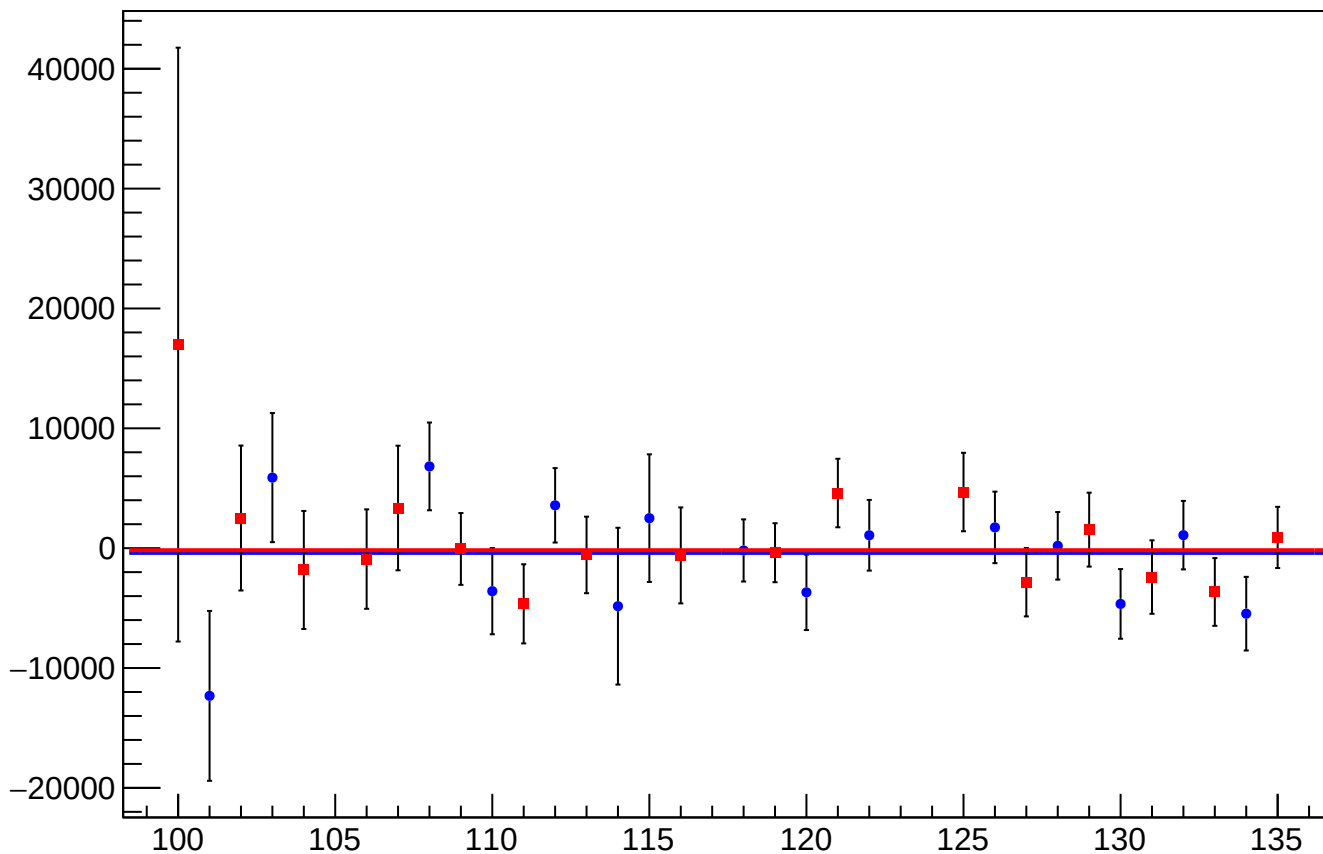
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 613.063+/-0.129 χ^2/NDF : 3798080.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_mean vs Slug



Right In: -392.599+/-871.017 χ^2 /NDF: 18.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -169.323+/-810.474 χ^2 /NDF: 11.5/16

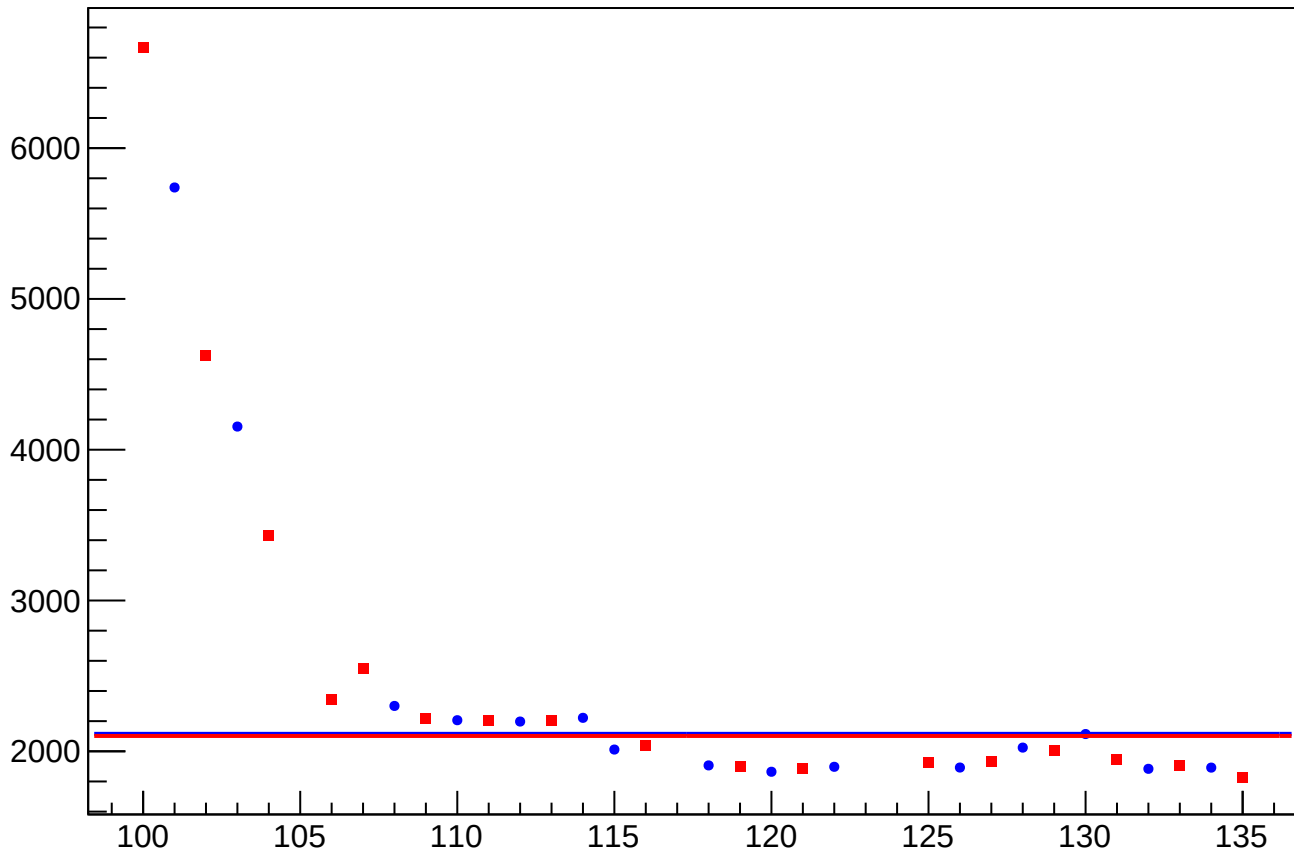
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -272.932+/-593.341 χ^2 /NDF: 29.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_rms vs Slug



Right In: 2115.785+/-0.616 χ^2/NDF : 891836.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2101.821+/-0.573 χ^2/NDF : 669809.5/16

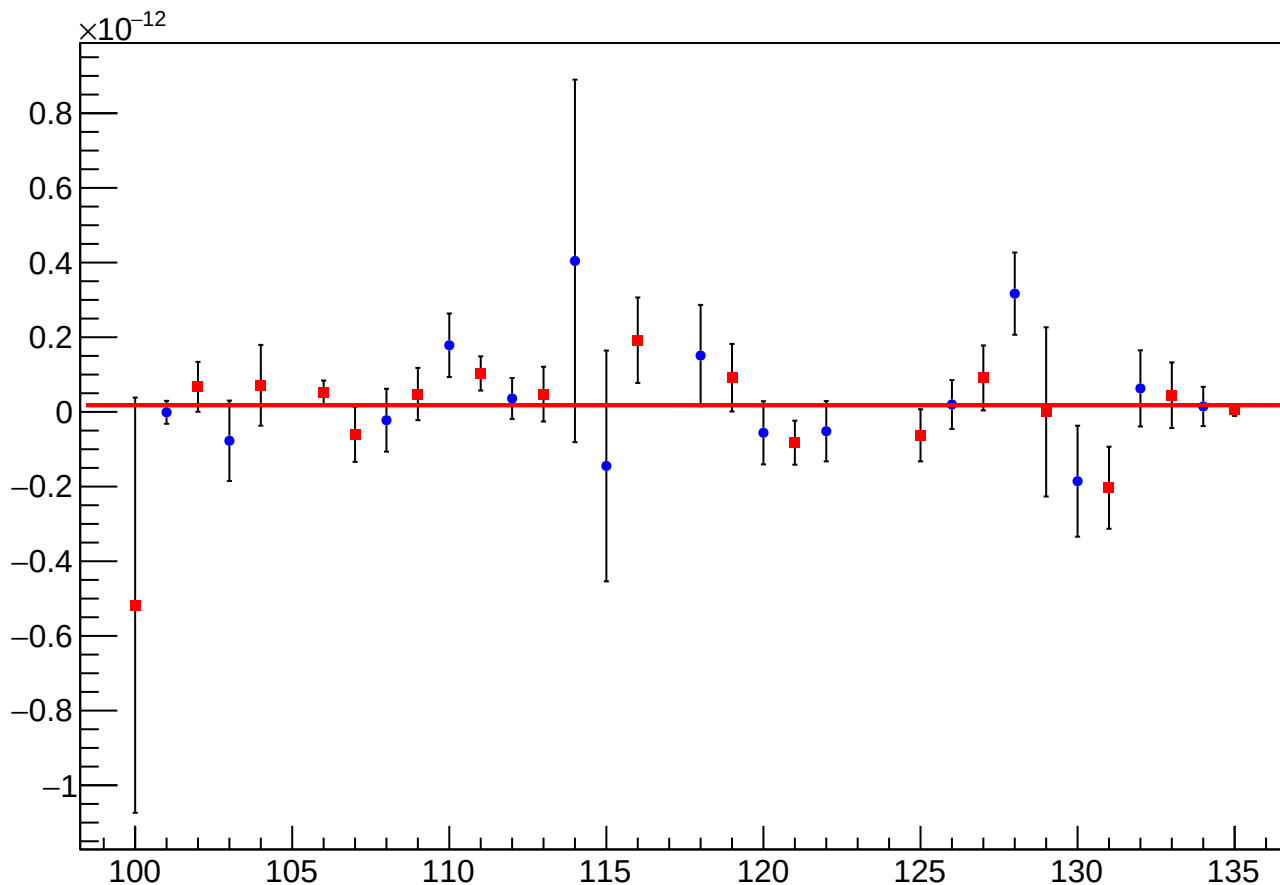
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2108.301+/-0.420 χ^2/NDF : 1561921.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 17.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.4/16

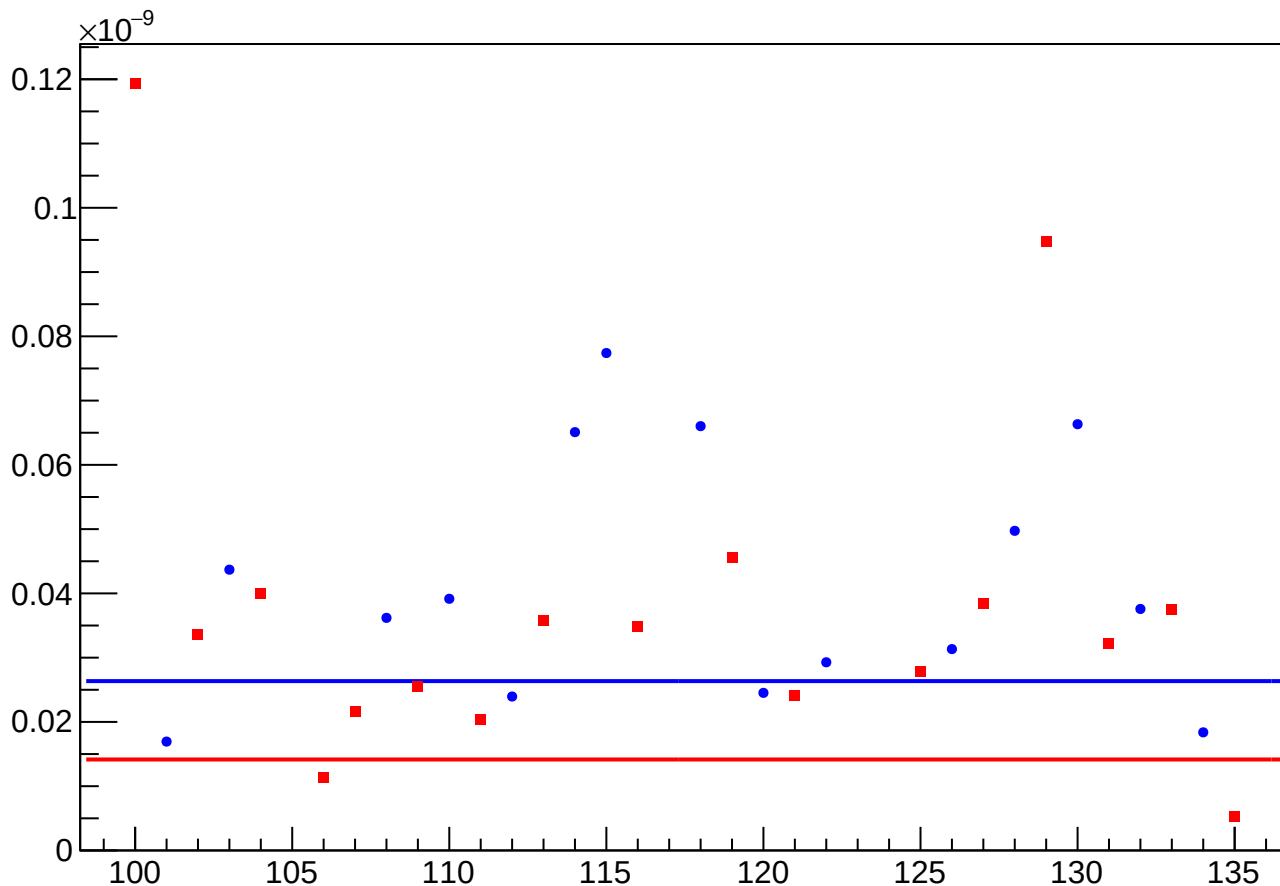
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 38.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 874643.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2320853.6/16

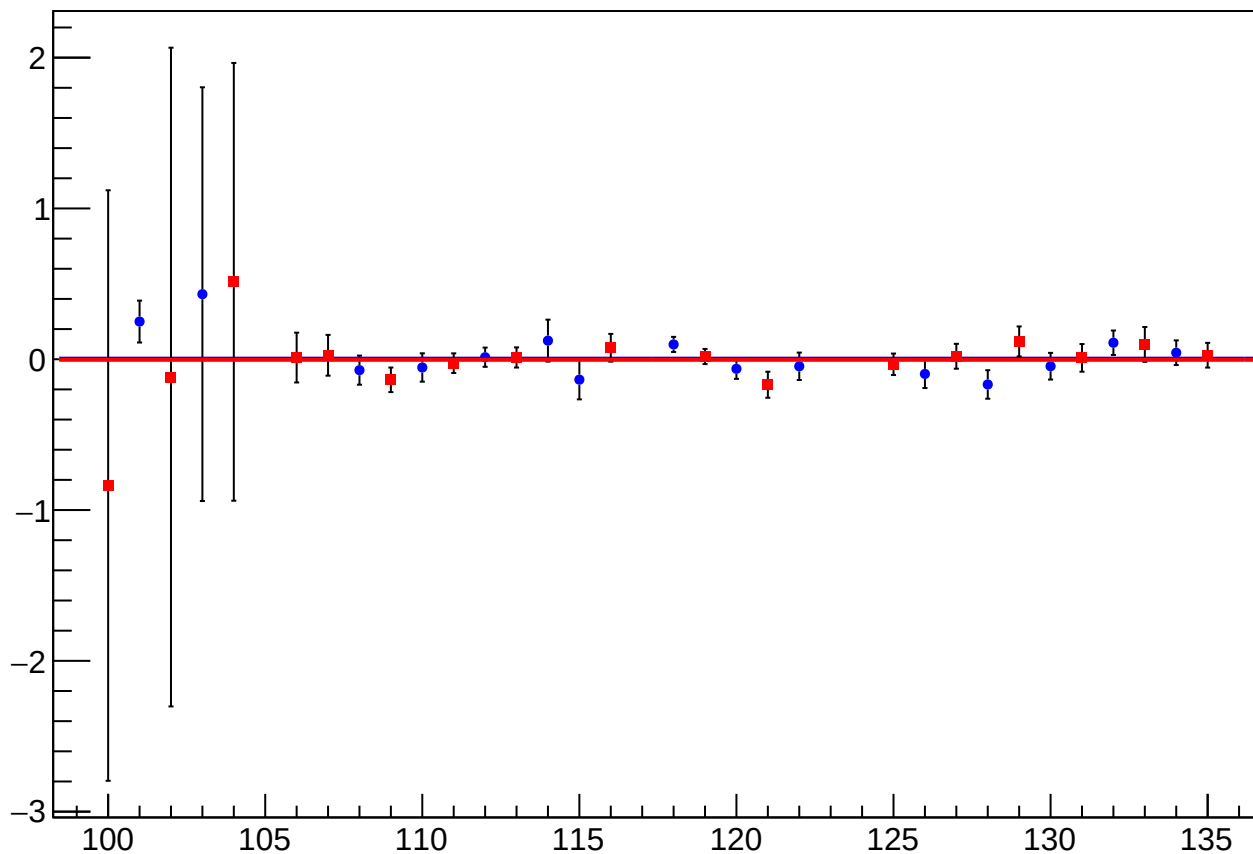
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3820361.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 17.7/14

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

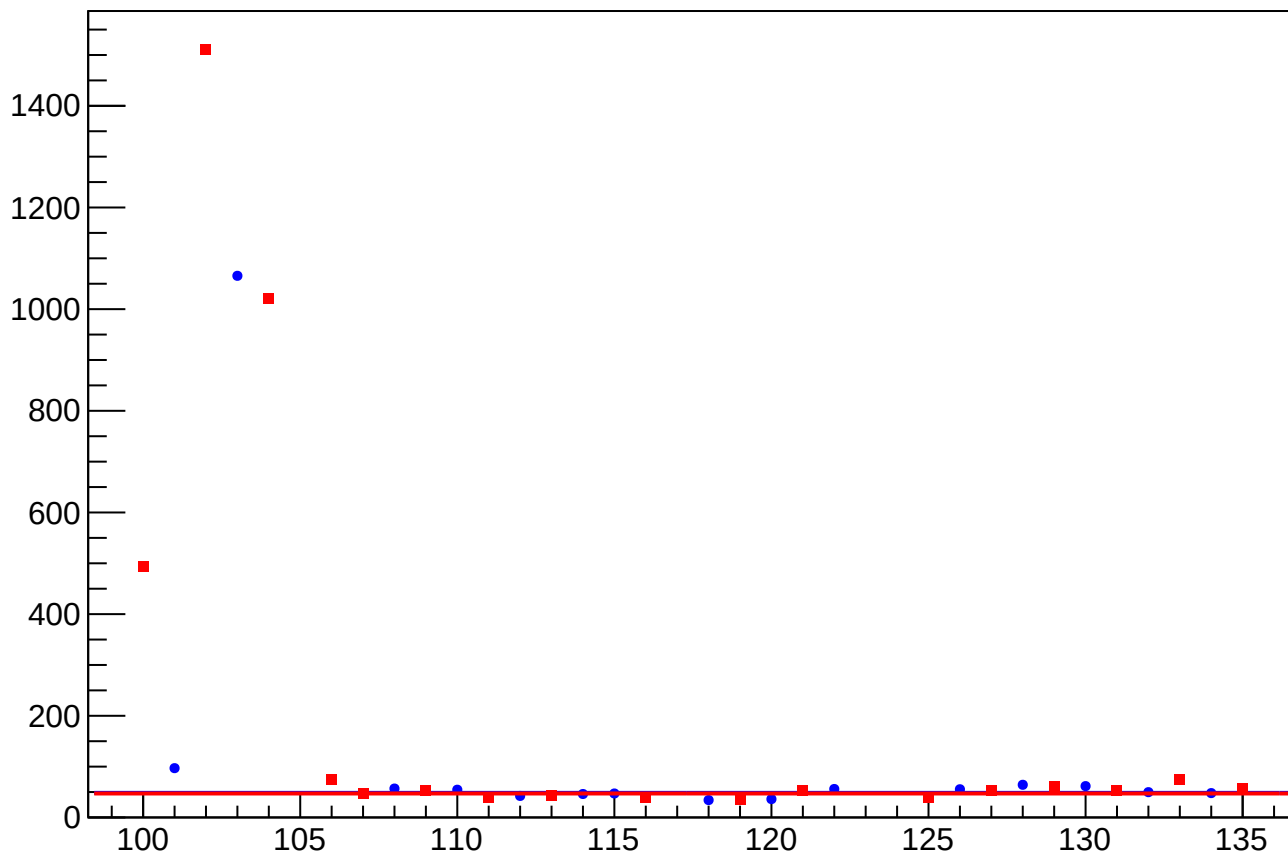
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 48.362 $\pm$ 0.016 χ^2 /NDF: 1741929.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.154 $\pm$ 0.015 χ^2 /NDF: 2352194.2/16

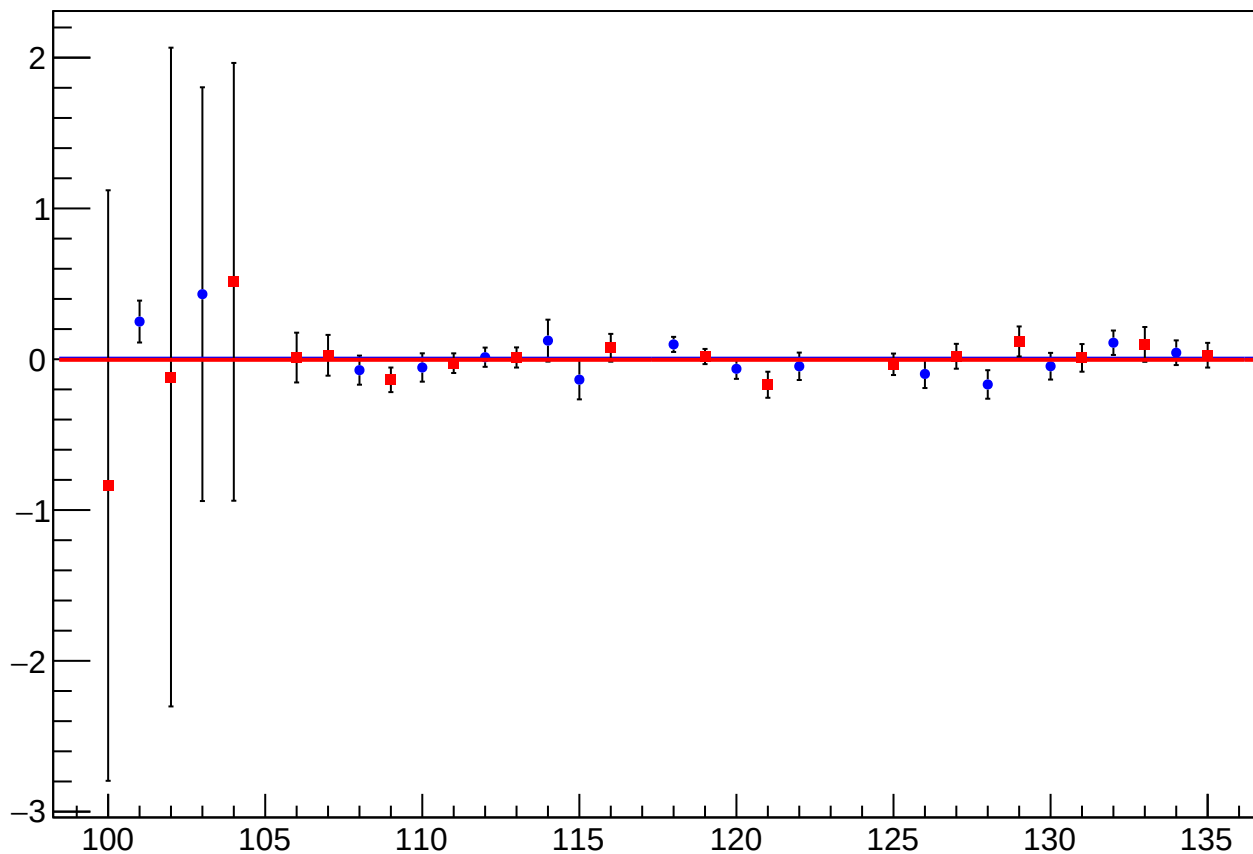
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.742 $\pm$ 0.011 χ^2 /NDF: 4097159.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 17.7/14

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

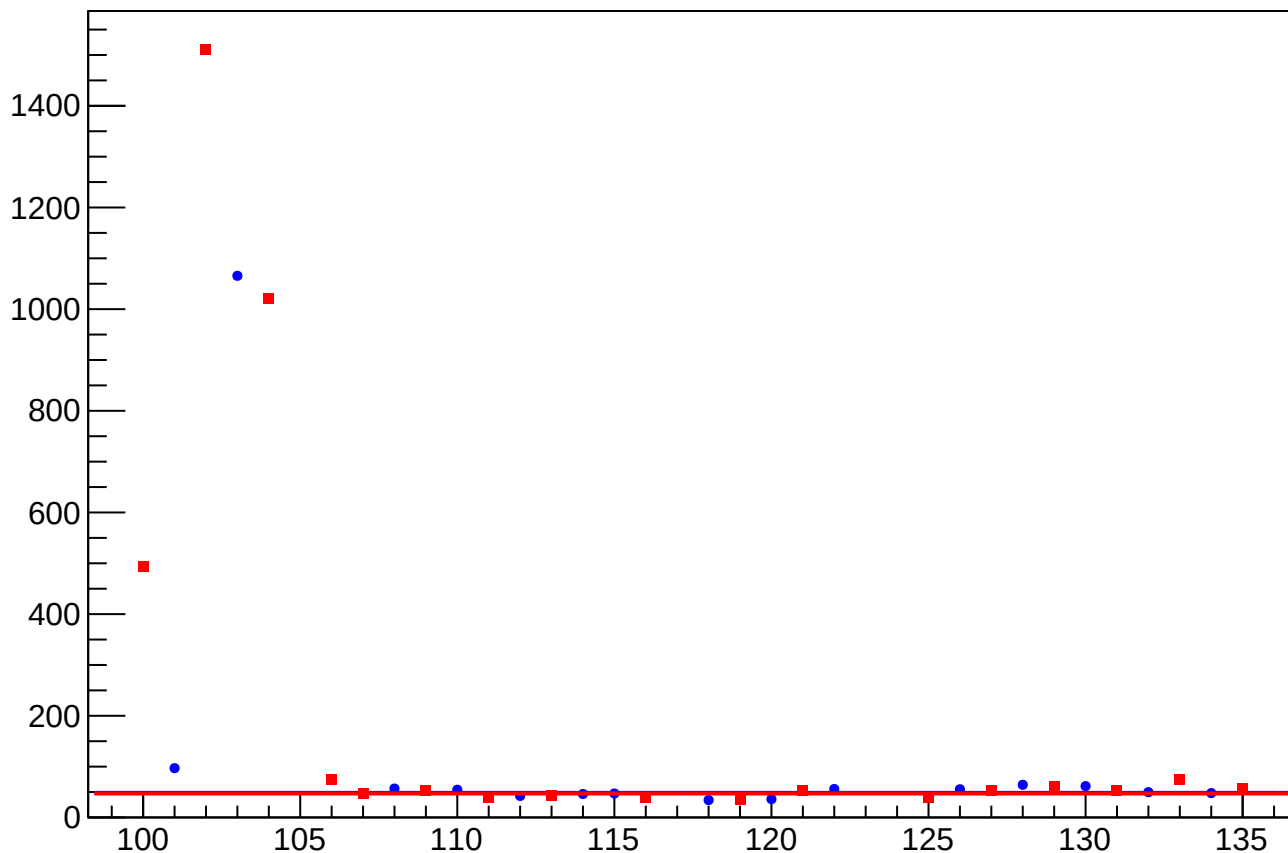
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.362+/-0.016 χ^2/NDF : 1741929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.154+/-0.015 χ^2/NDF : 2352194.2/16

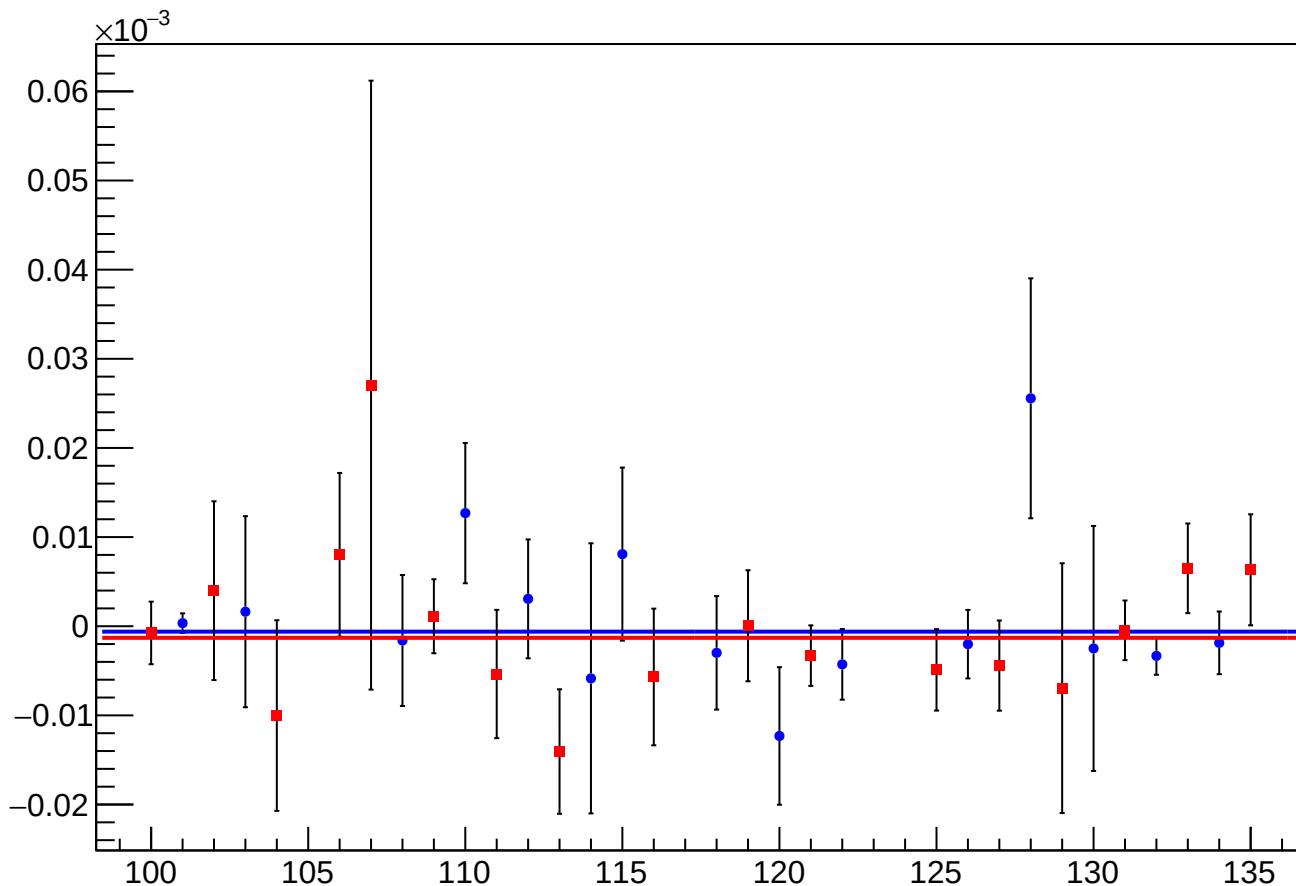
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.742+/-0.011 χ^2/NDF : 4097159.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.5/16

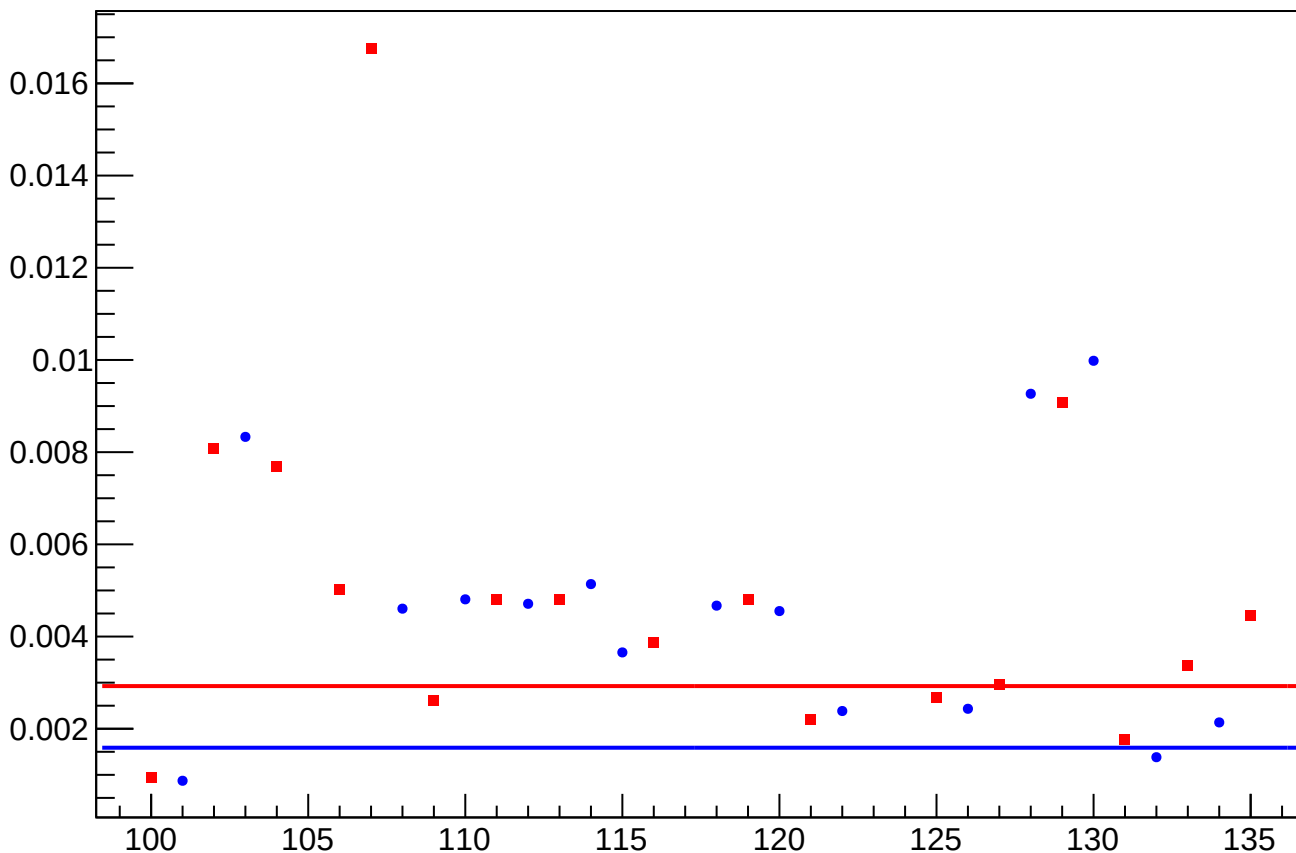
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 5360120.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.003 $\pm$ 0.000 χ^2 /NDF: 3360740.6/16

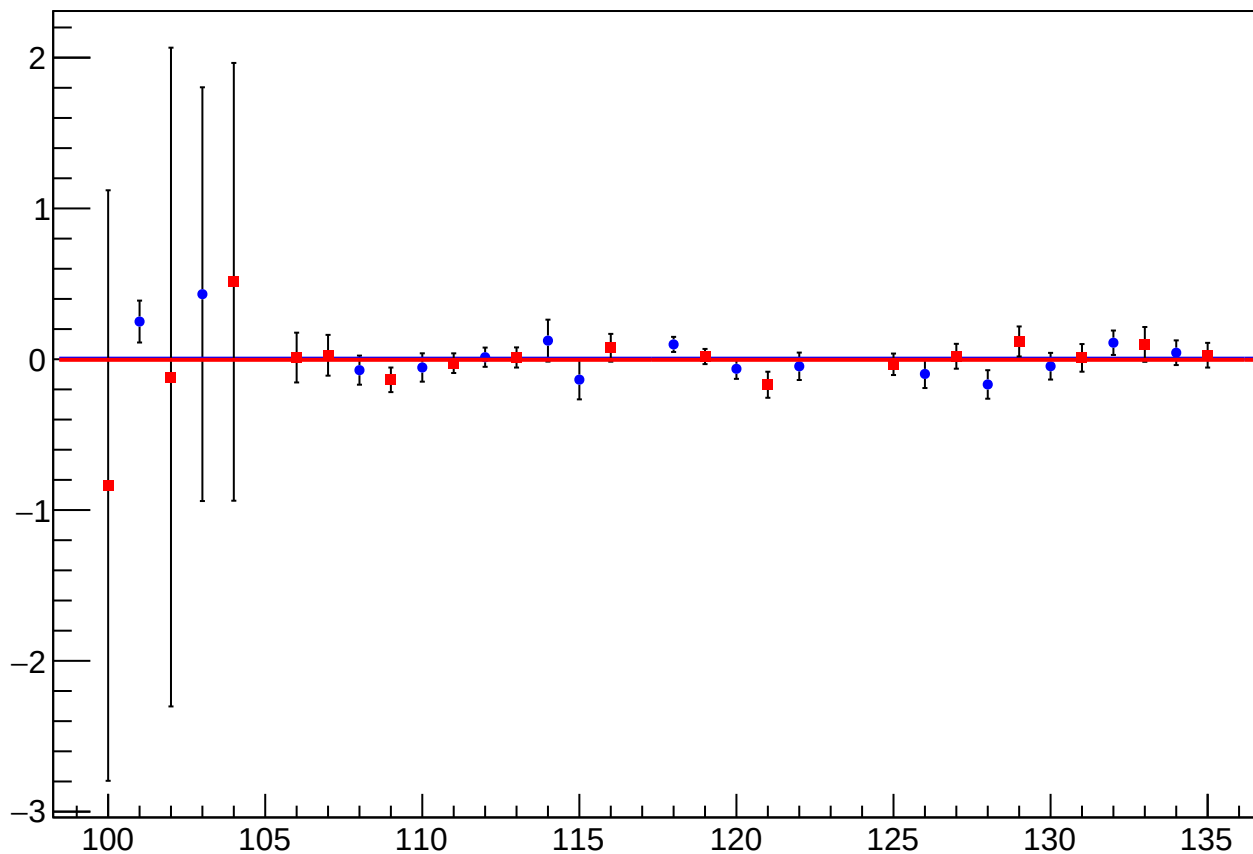
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 10198273.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 17.7/14

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

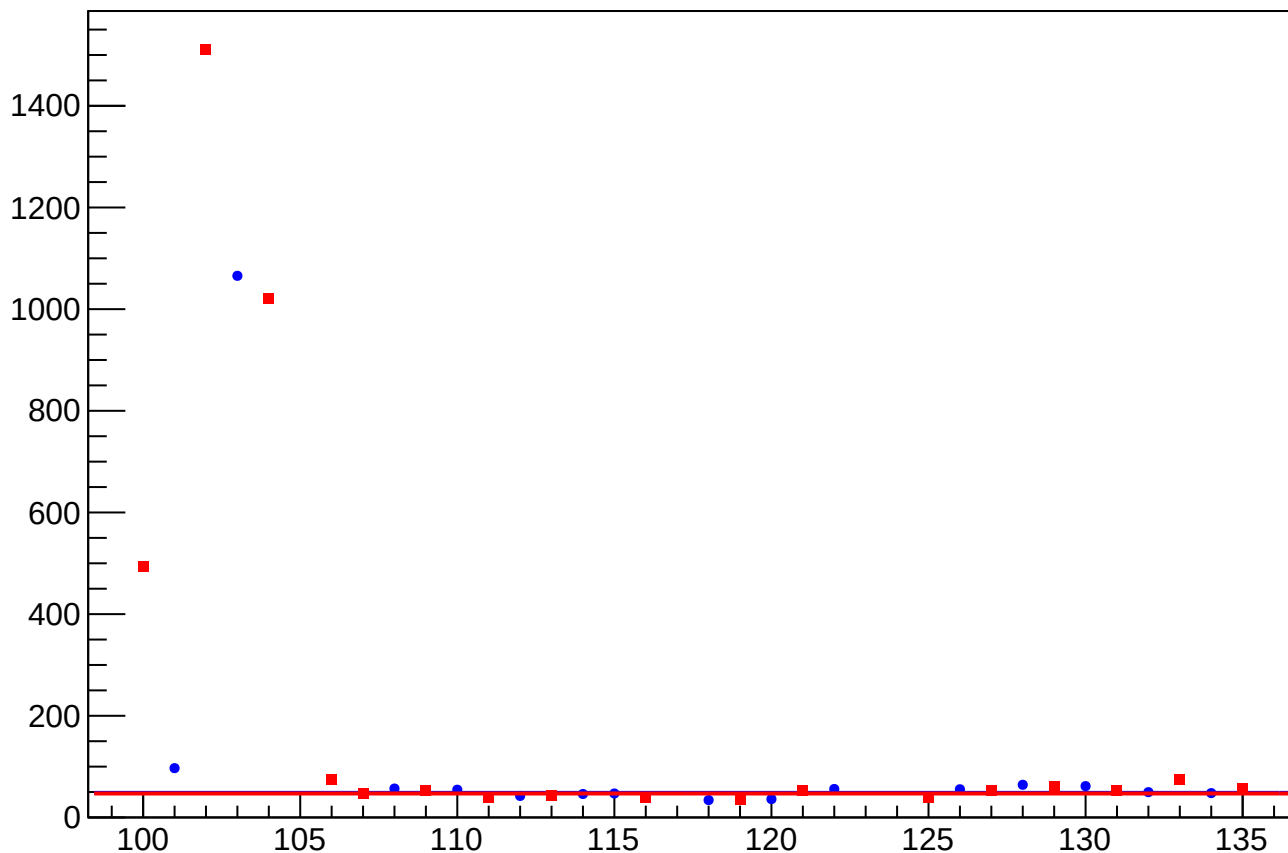
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.362 $\pm$ 0.016 χ^2 /NDF: 1741860.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.154 $\pm$ 0.015 χ^2 /NDF: 2352225.7/16

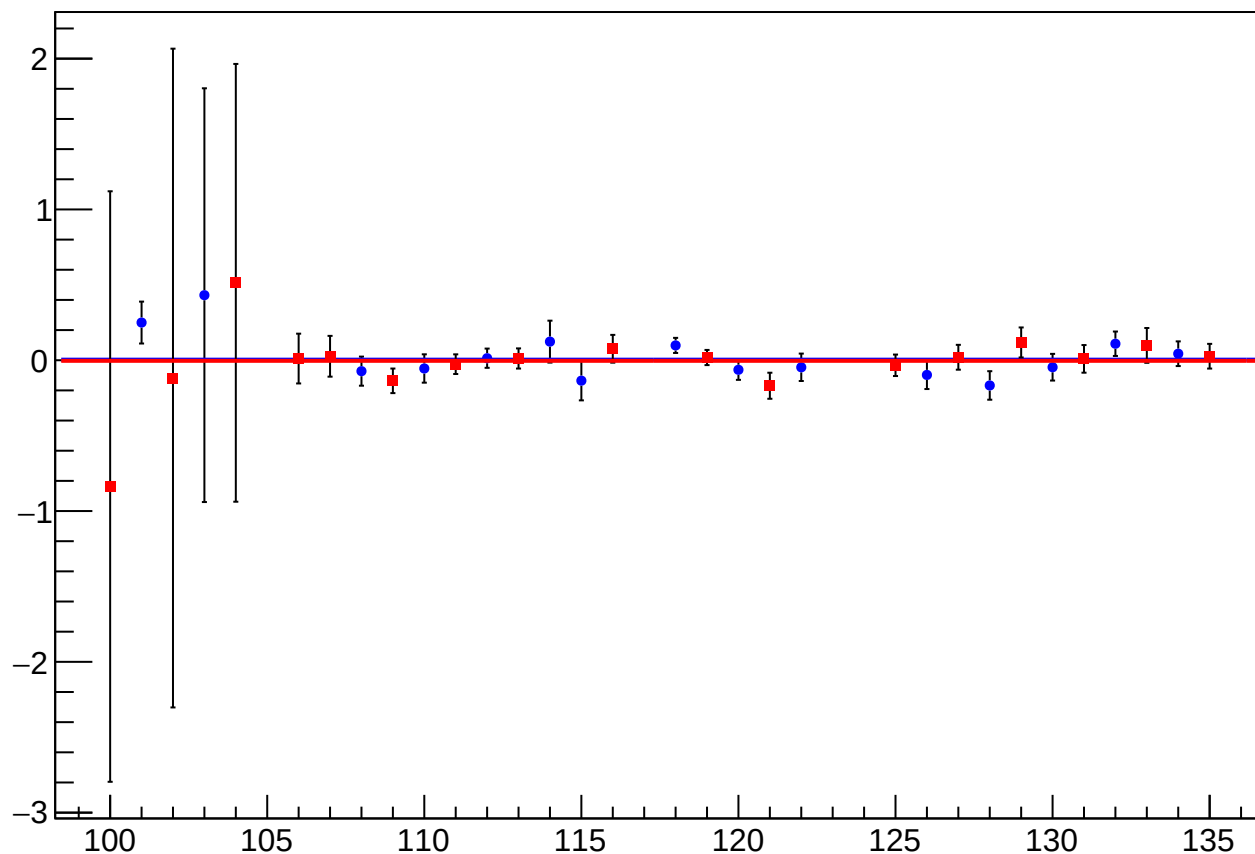
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.742 $\pm$ 0.011 χ^2 /NDF: 4097128.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.004 $\pm$ 0.022 χ^2 /NDF: 17.7/14

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

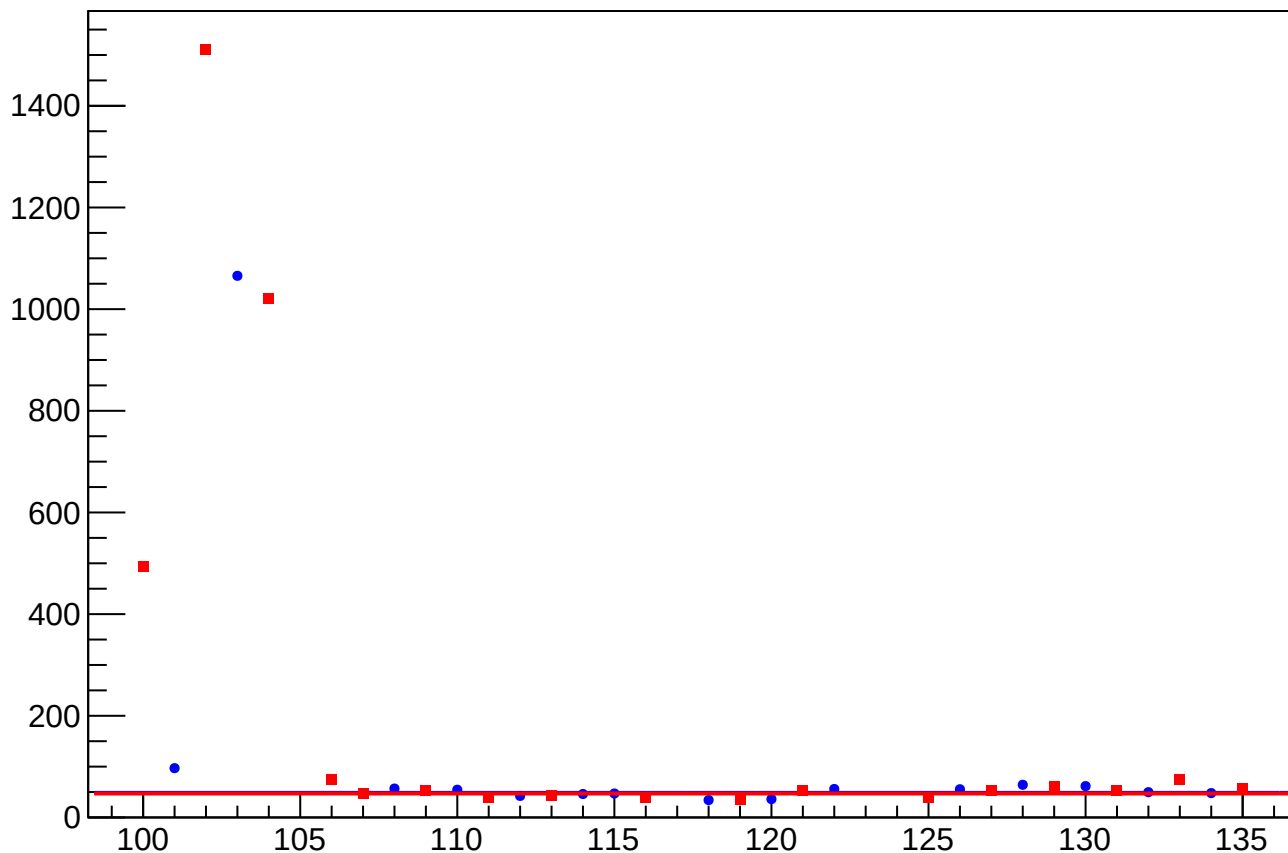
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.015 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.362 $\pm$ 0.016 χ^2 /NDF: 1741860.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 47.154 $\pm$ 0.015 χ^2 /NDF: 2352225.7/16

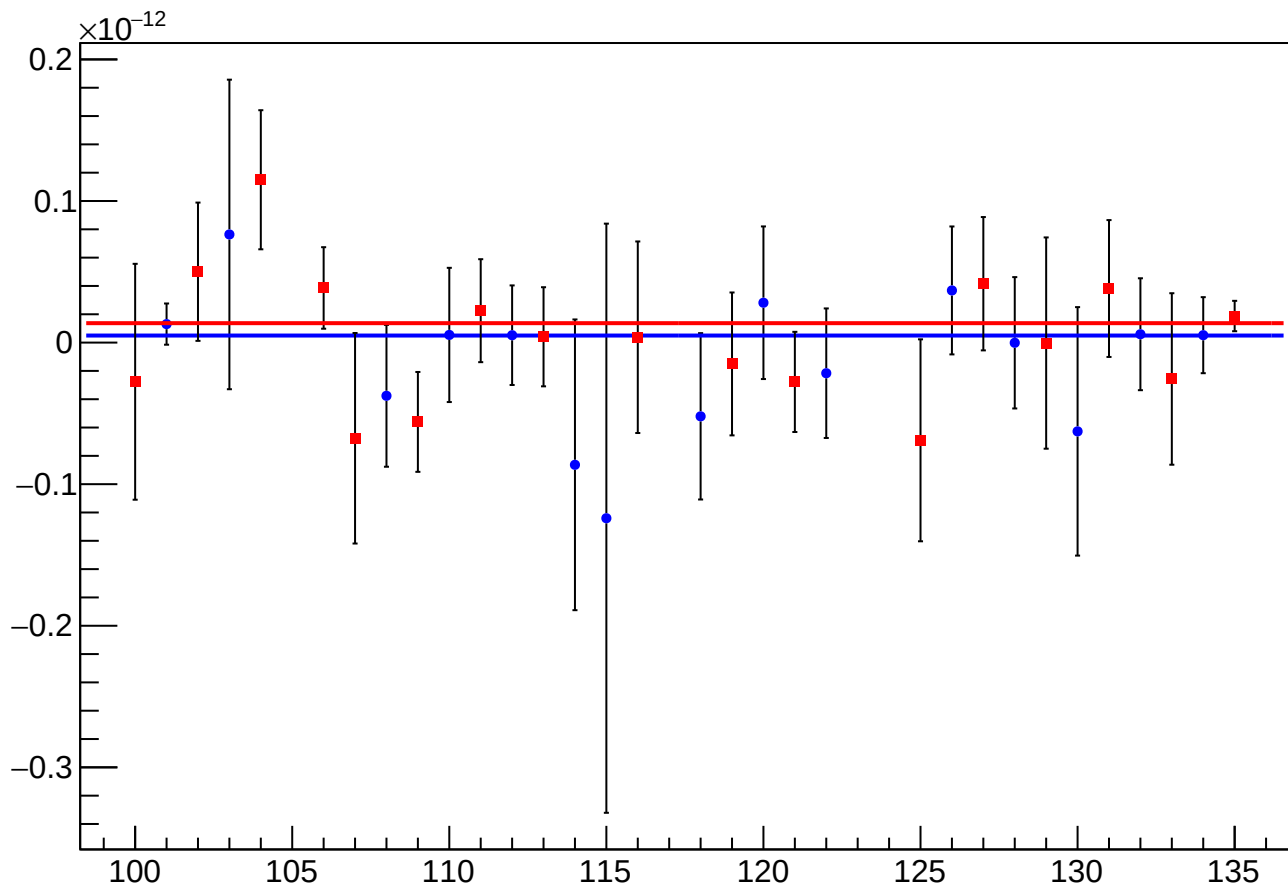
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 47.742 $\pm$ 0.011 χ^2 /NDF: 4097128.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/16

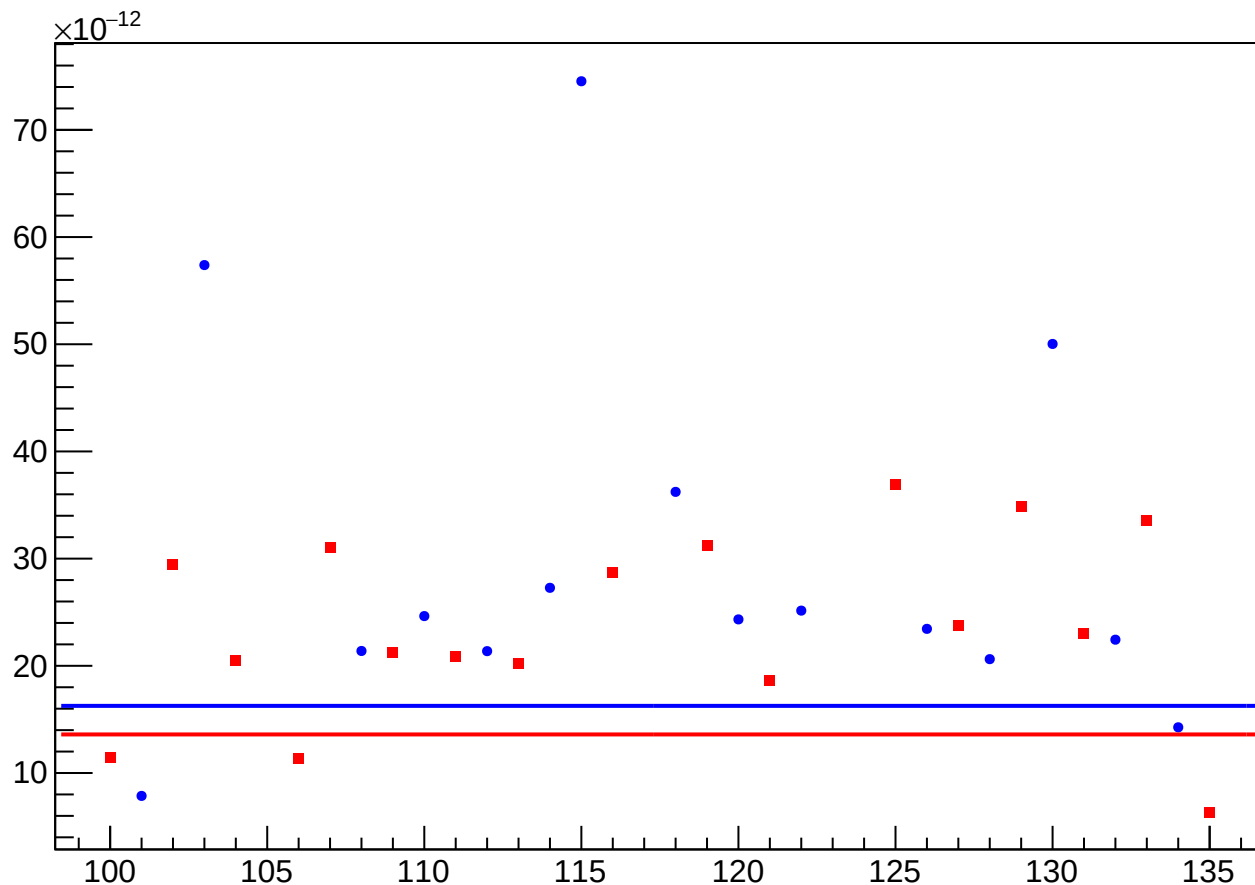
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at1lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2030111.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2694839.2/16

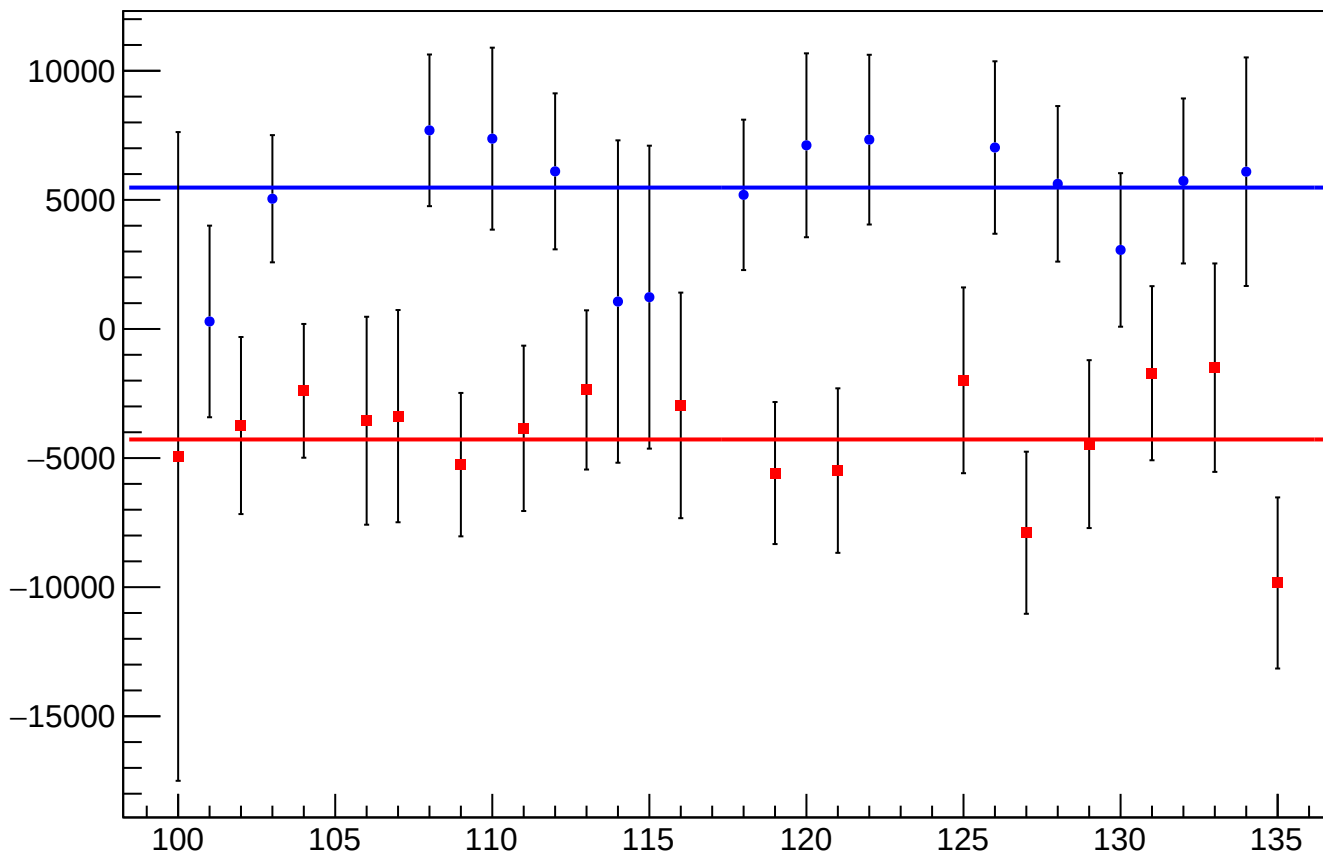
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4817417.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5476.894+/-860.919 χ^2/NDF : 5.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4279.278+/-819.143 χ^2/NDF : 7.2/16

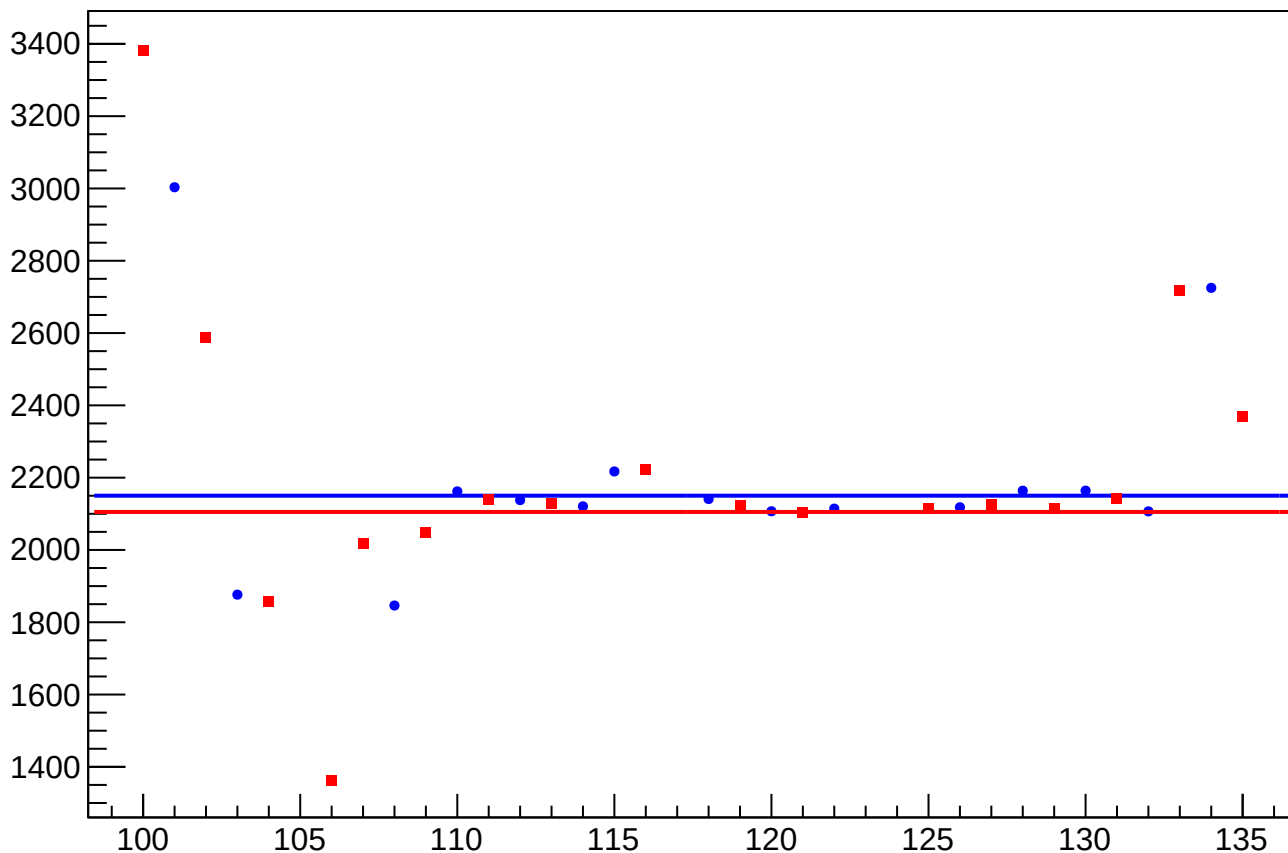
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.364+/-593.441 χ^2/NDF : 80.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2150.115+/-0.609 χ^2/NDF : 187113.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2105.166+/-0.570 χ^2/NDF : 263911.9/16

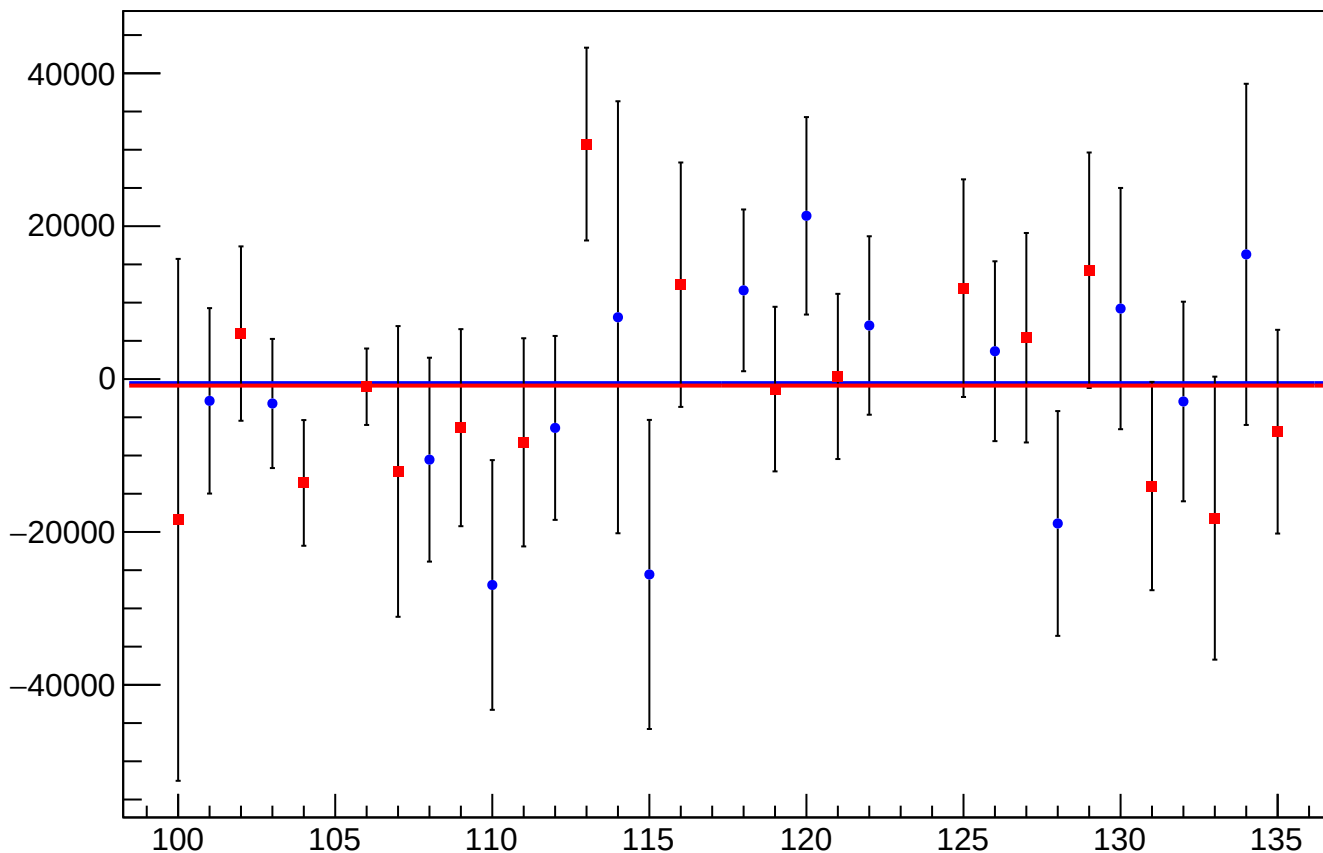
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2126.156+/-0.416 χ^2/NDF : 453931.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_mean vs Slug



Right In: -532.247+/-3394.255 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -853.416+/-2738.644 χ^2/NDF : 14.8/16

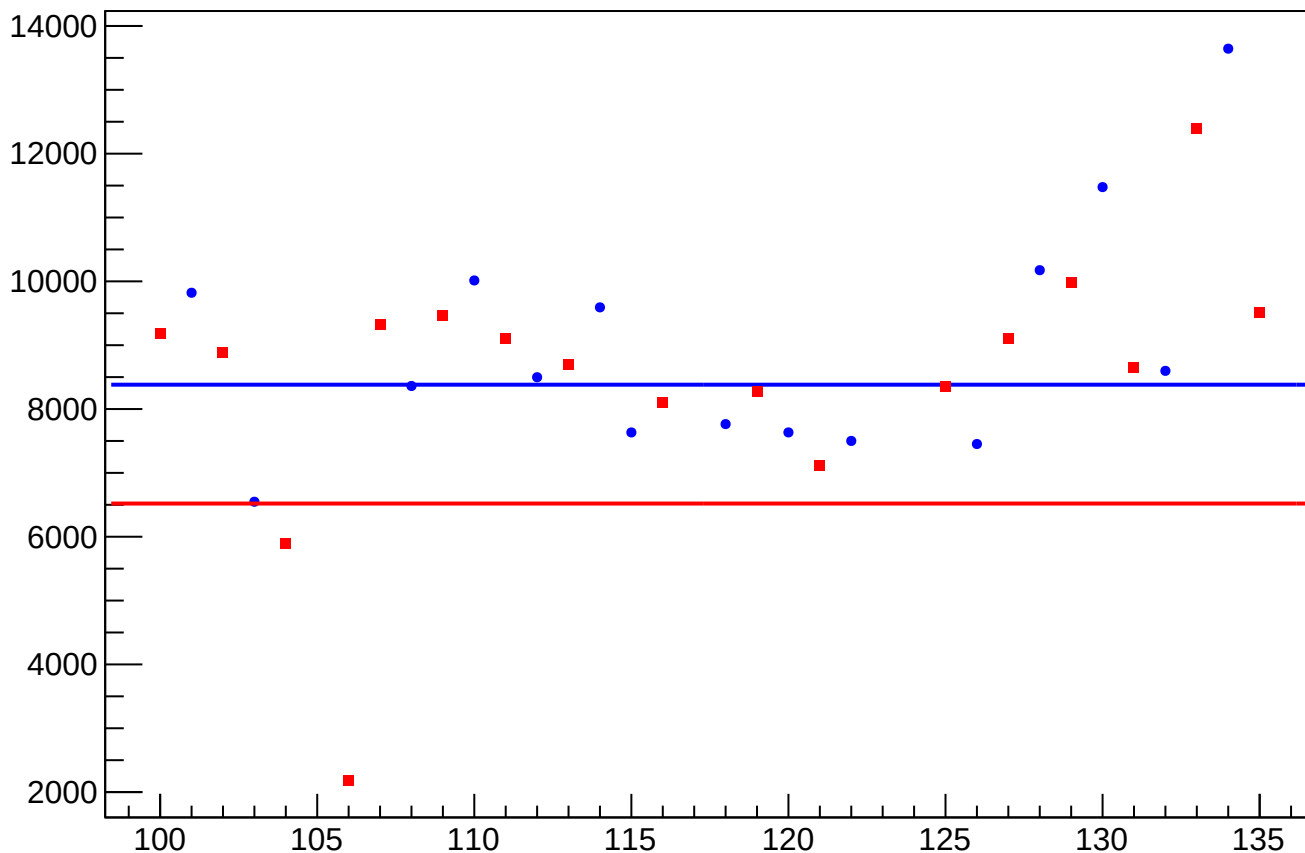
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -726.776+/-2131.384 χ^2/NDF : 27.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_correction_rms vs Slug



Right In: 8381.348+/-2.400 χ^2/NDF : 404850.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

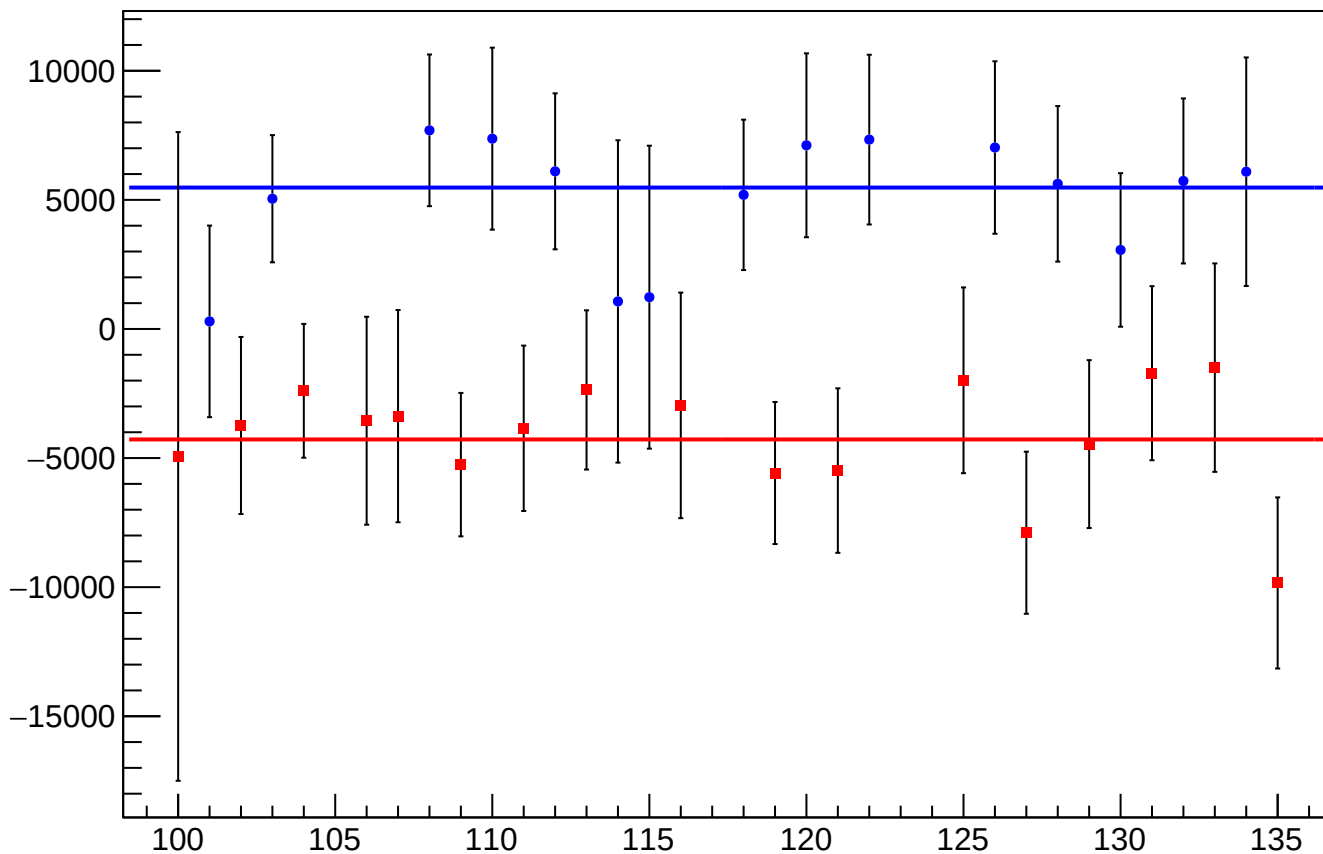
Right Out: 6519.816+/-1.937 χ^2/NDF : 2530867.1/16

All: 7253.831+/-1.507 χ^2/NDF : 3300080.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5477.094+/-860.919 χ^2/NDF : 5.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4278.977+/-819.143 χ^2/NDF : 7.2/16

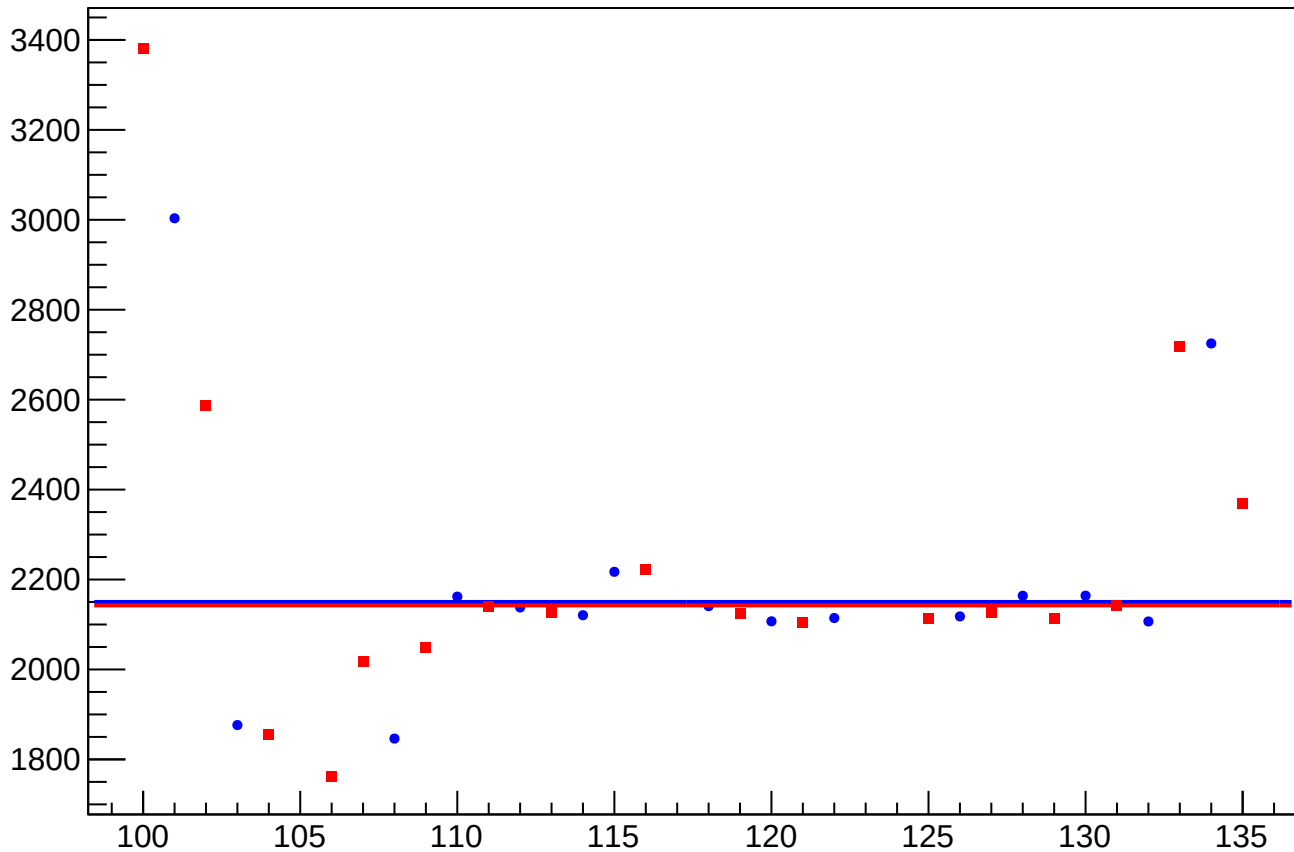
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.617+/-593.441 χ^2/NDF : 80.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

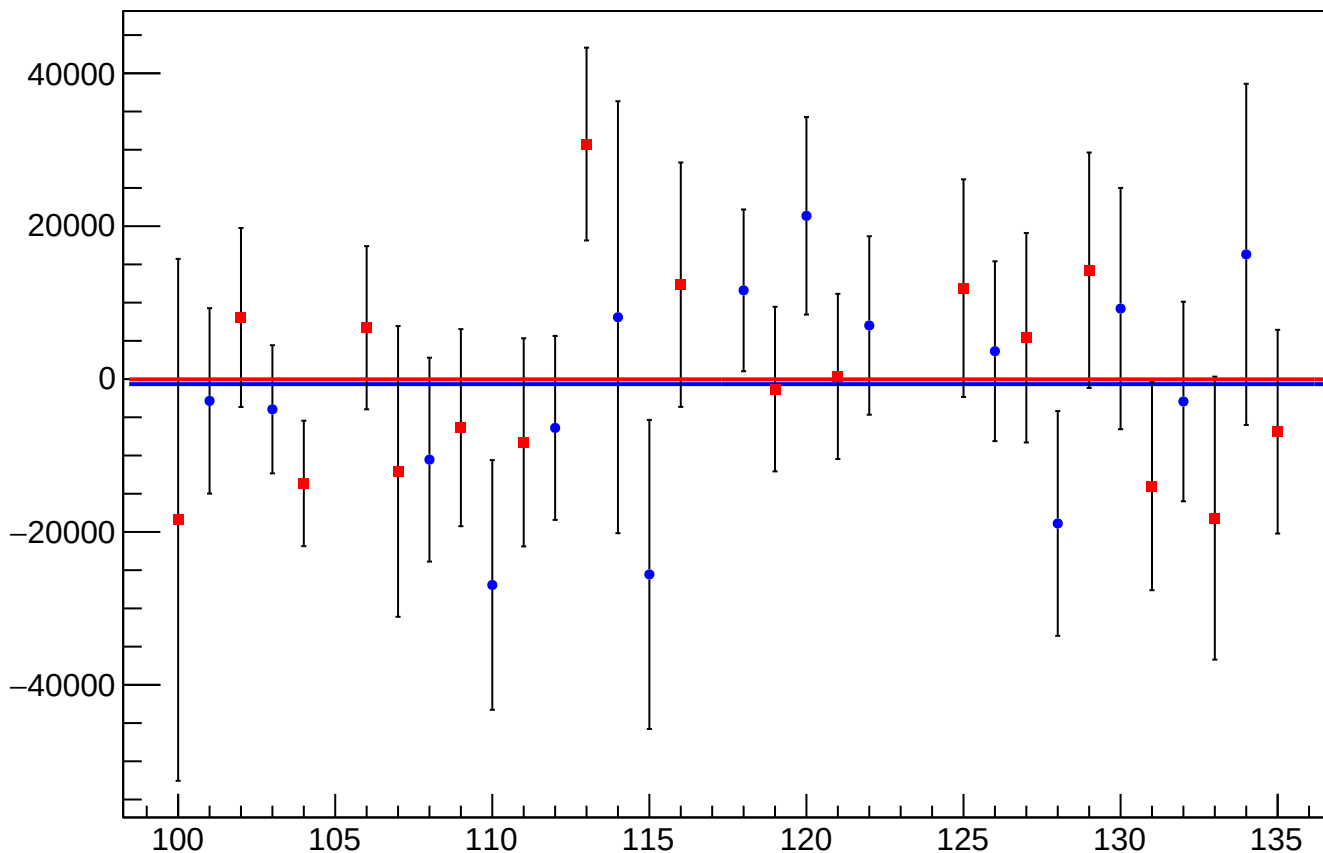
Right Out: 2142.479+/-0.576 χ^2/NDF : 155343.6/16

All: 2146.088+/-0.419 χ^2/NDF : 342540.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_mean vs Slug



Right In: -663.738+/-3390.046 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.431+/-3134.385 χ^2/NDF : 15.5/16

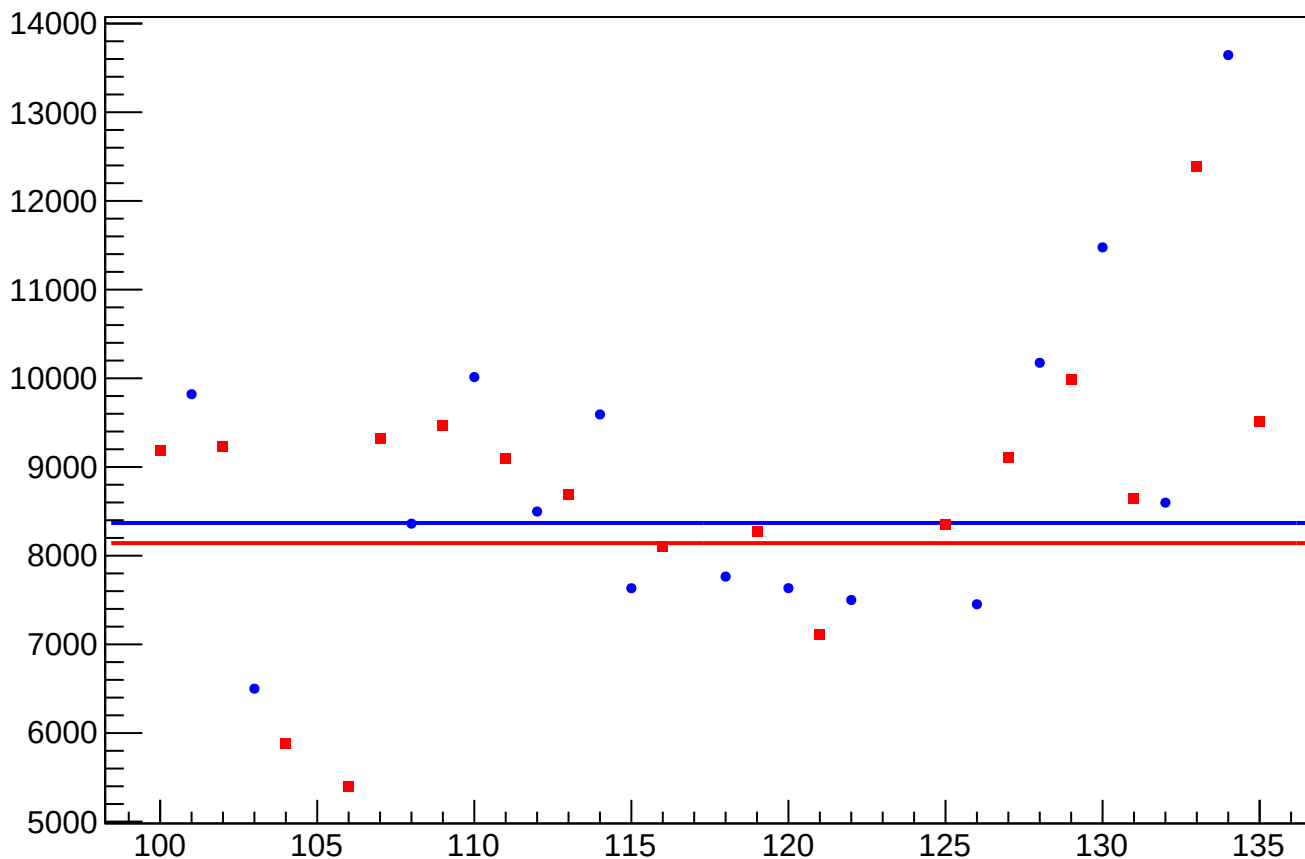
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.002+/-2301.426 χ^2/NDF : 28.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_cor_correction_rms vs Slug



Right In: 8369.040+/-2.397 χ^2/NDF : 411242.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

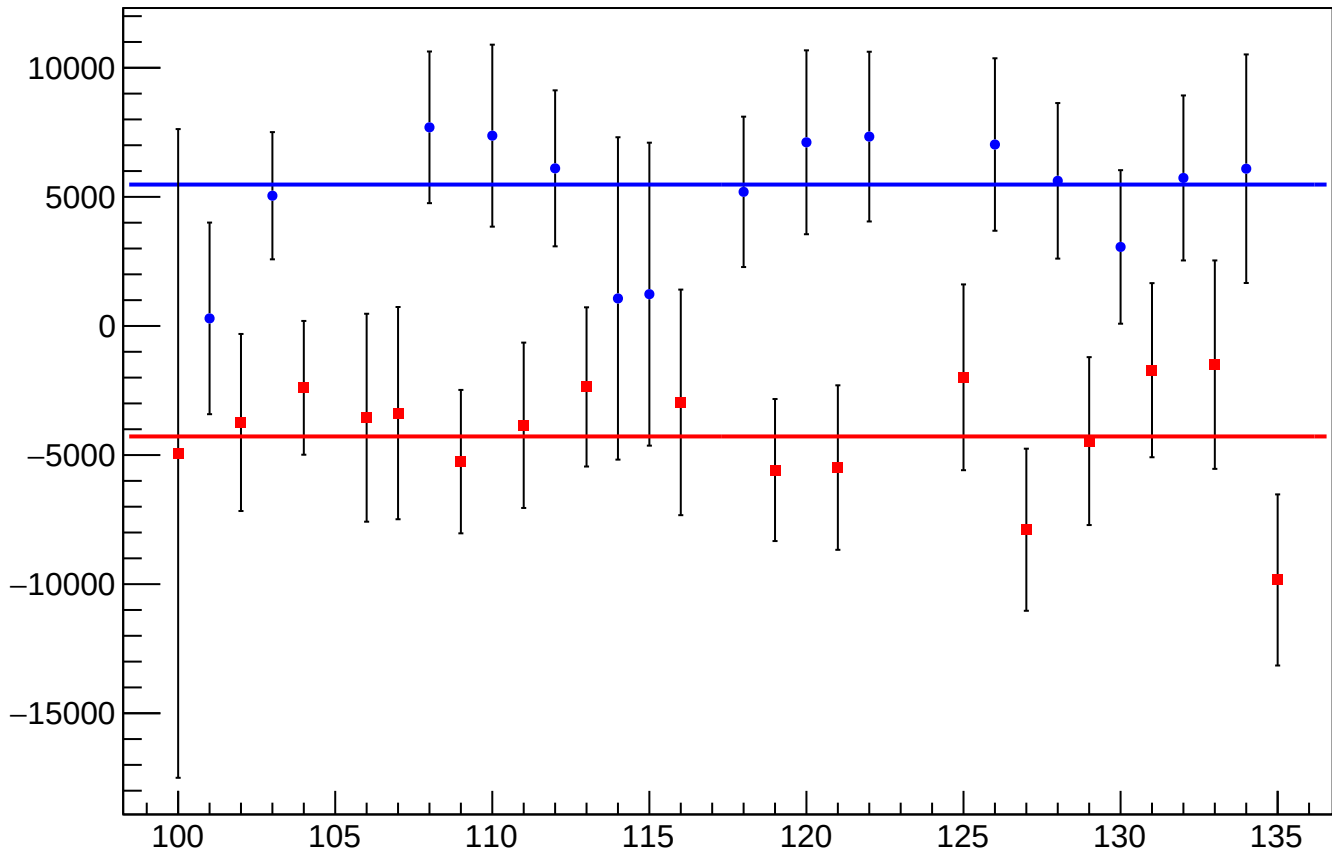
Right Out: 8141.751+/-2.216 χ^2/NDF : 532476.2/16

All: 8246.503+/-1.627 χ^2/NDF : 948565.6/31

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5477.094+/-860.919 χ^2/NDF : 5.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4278.977+/-819.143 χ^2/NDF : 7.2/16

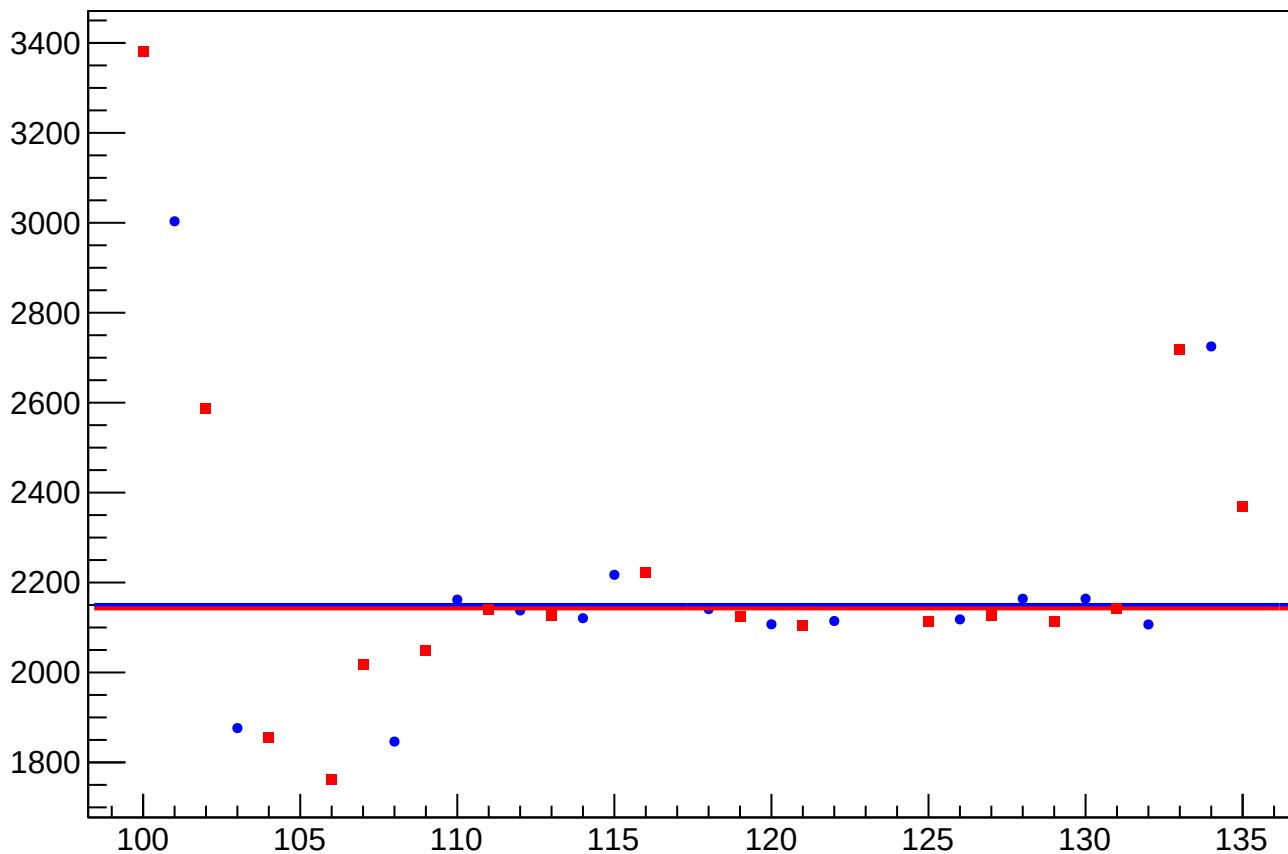
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 356.617+/-593.441 χ^2/NDF : 80.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2150.115+/-0.609 χ^2/NDF : 187114.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

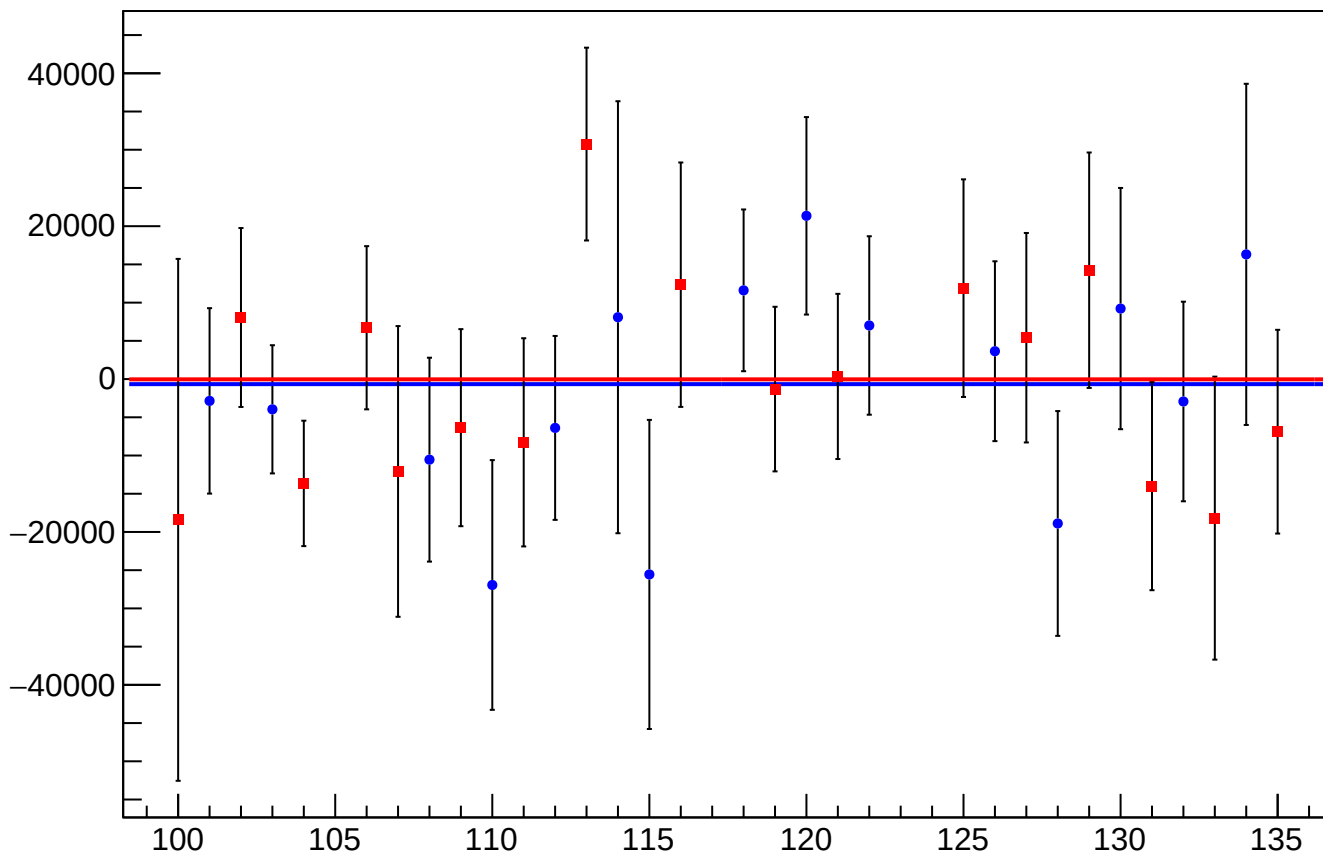
Right Out: 2142.479+/-0.576 χ^2/NDF : 155343.6/16

All: 2146.088+/-0.419 χ^2/NDF : 342540.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -663.738+/-3390.046 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -35.431+/-3134.385 χ^2/NDF : 15.5/16

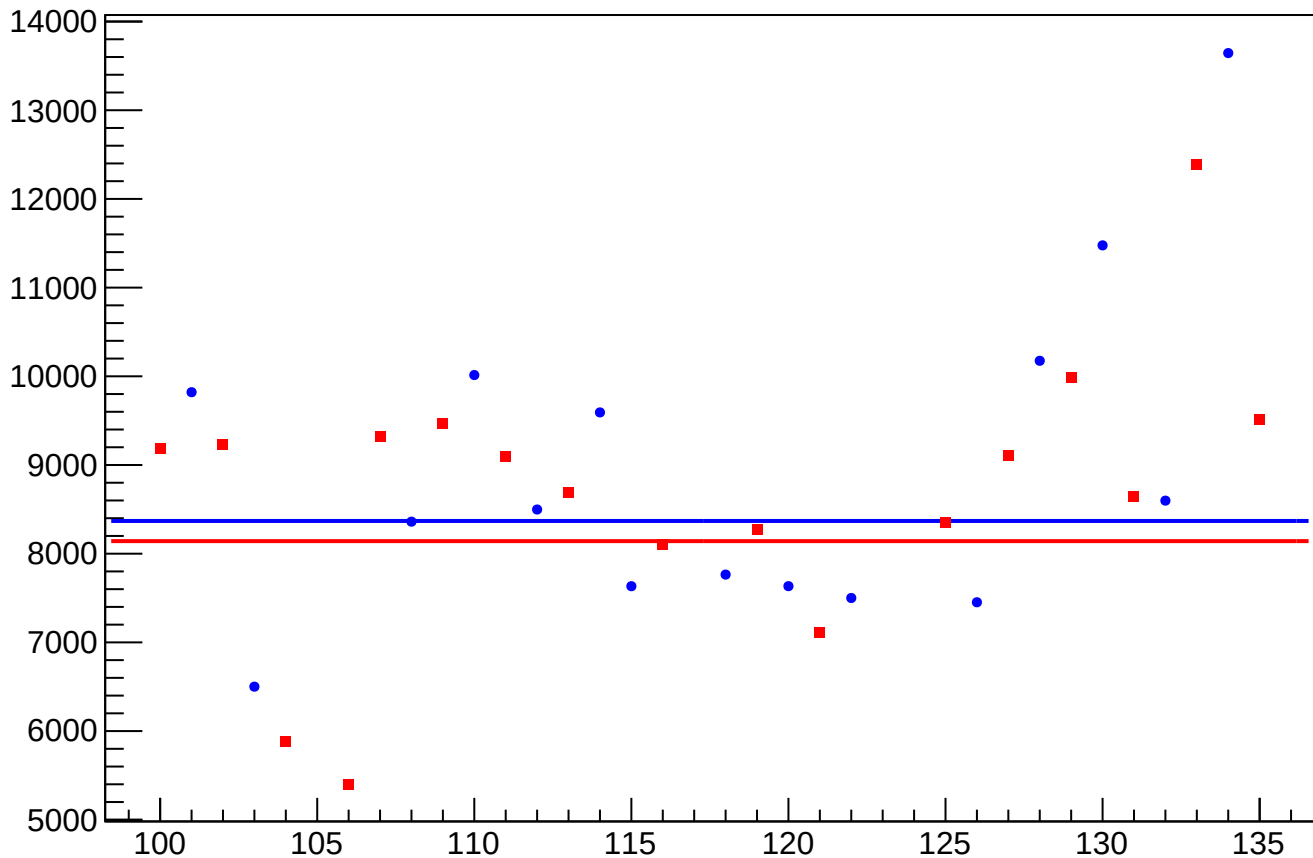
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -325.002+/-2301.426 χ^2/NDF : 28.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 8369.040+/-2.397 χ^2/NDF : 411242.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

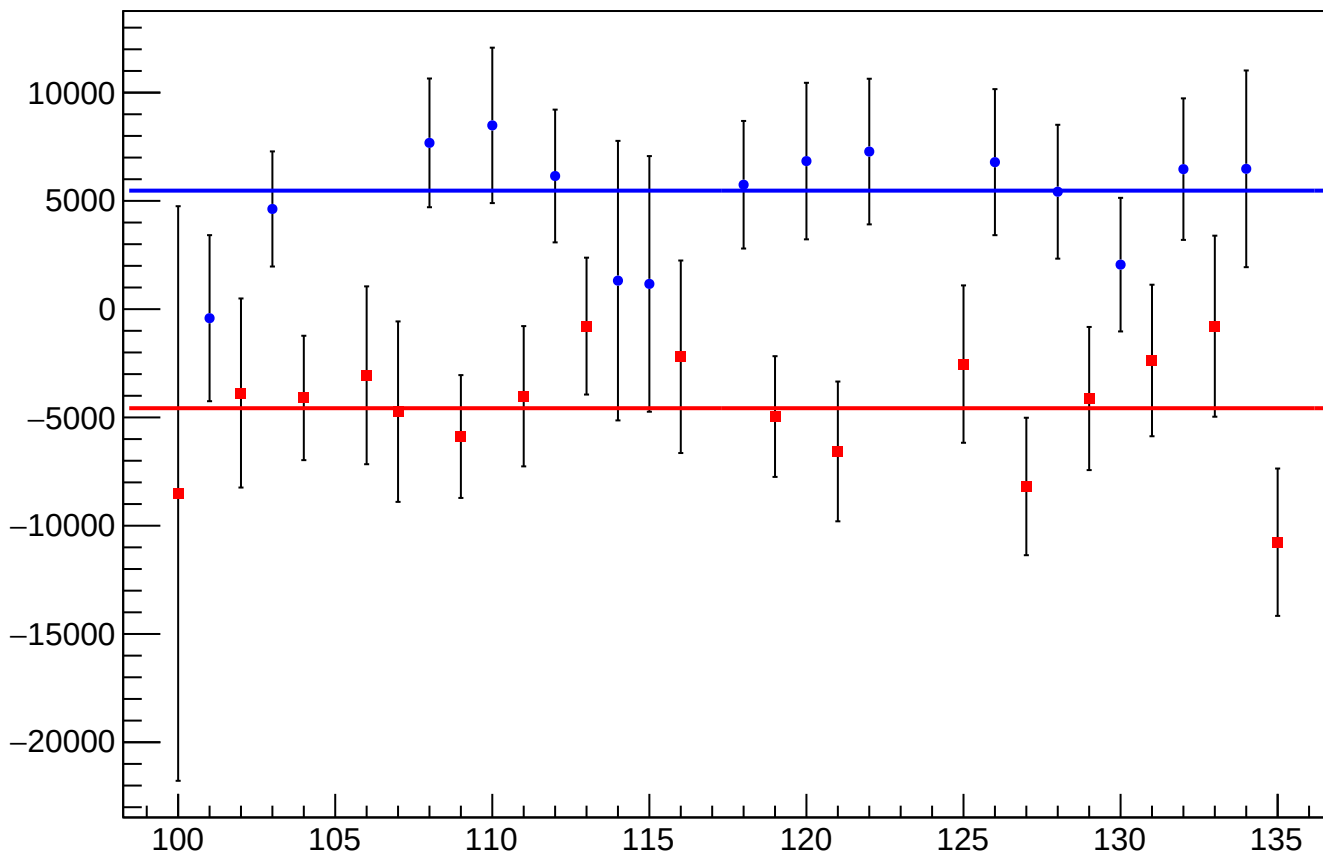
Right Out: 8141.751+/-2.216 χ^2/NDF : 532476.2/16

All: 8246.503+/-1.627 χ^2/NDF : 948565.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5473.295 $\pm$ 884.042 χ^2 /NDF: 6.7/14

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

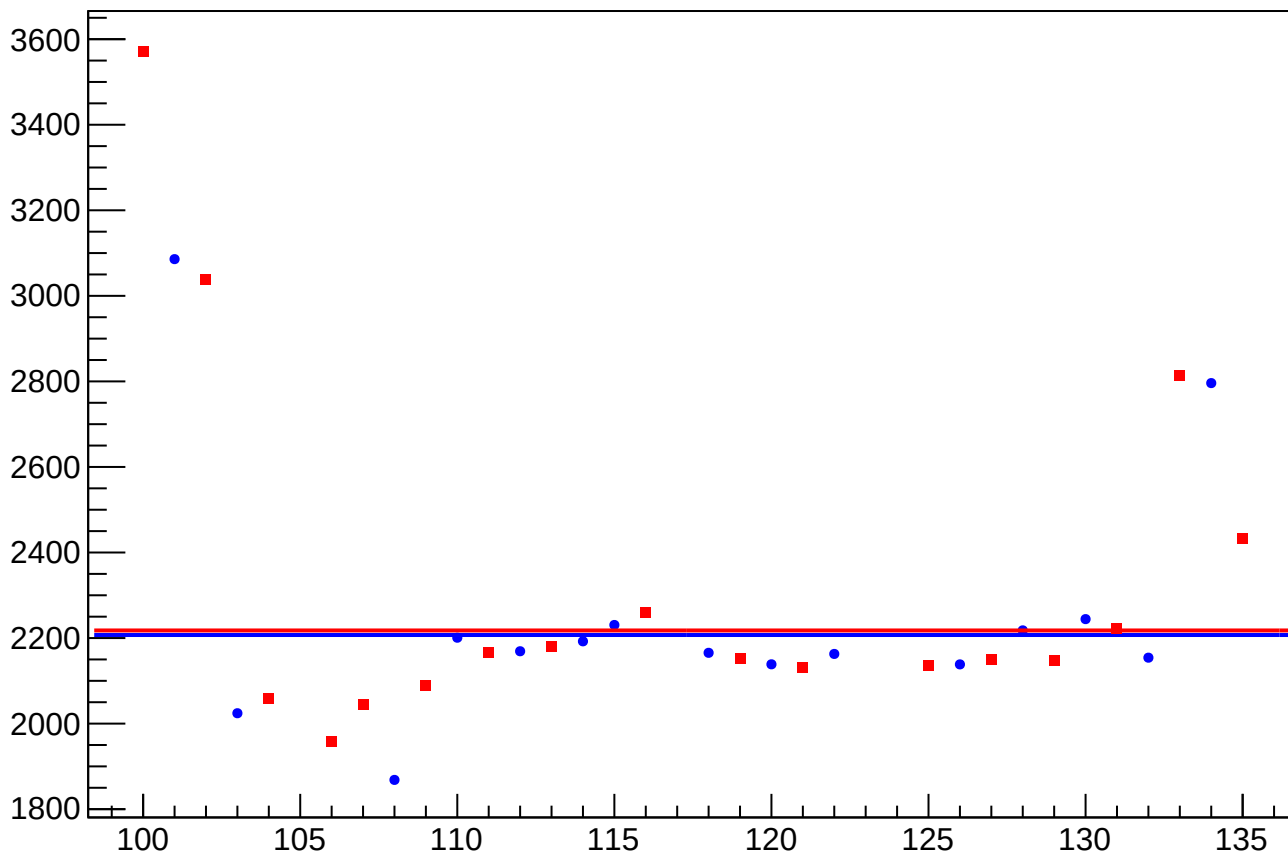
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 254.242 $\pm$ 612.830 χ^2 /NDF: 82.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2207.128 $\pm$ 0.625 χ^2 /NDF: 177609.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

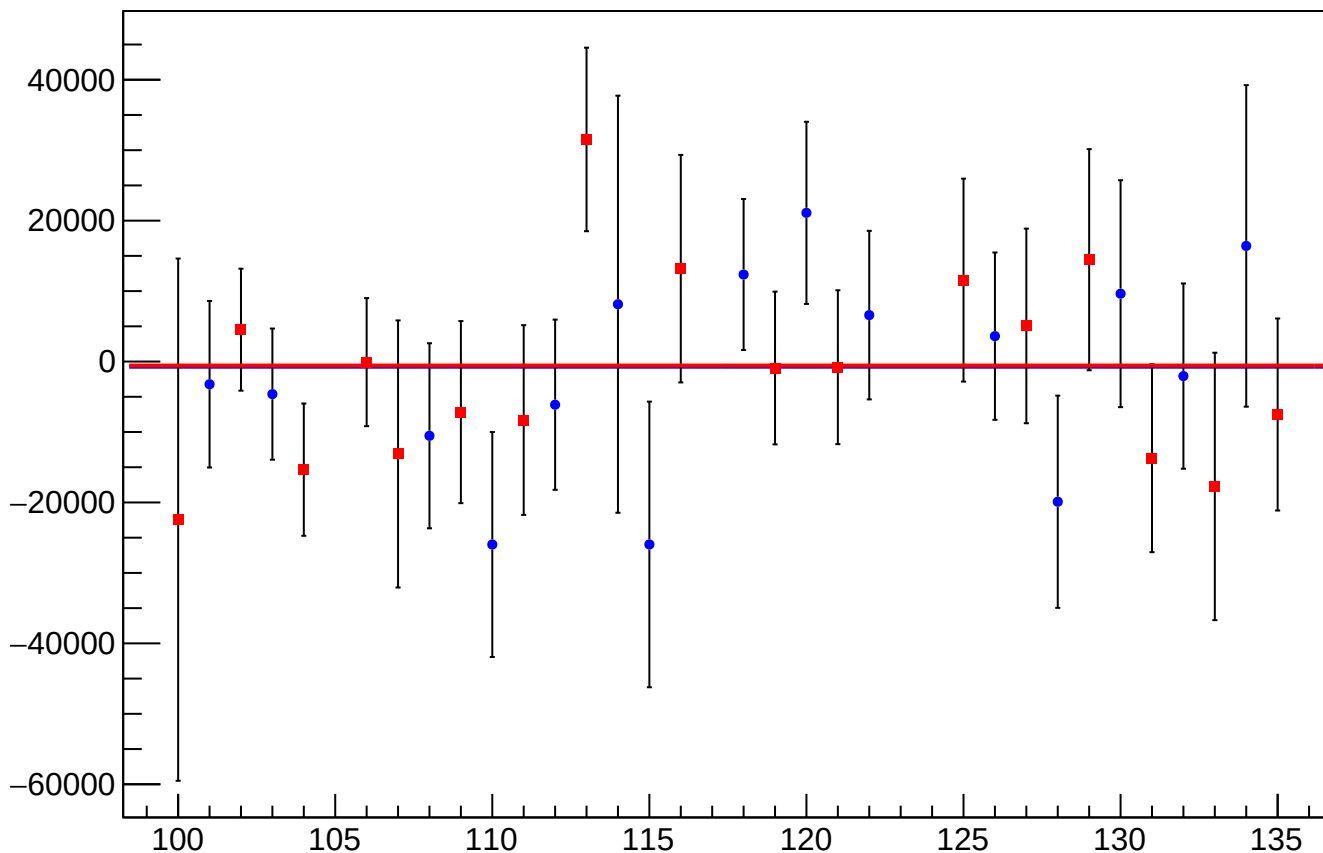
Right Out: 2217.754 $\pm$ 0.601 χ^2 /NDF: 168484.2/16

All: 2212.651 $\pm$ 0.433 χ^2 /NDF: 346243.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_mean vs Slug



Right In: -726.832+/-3458.696 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -568.095+/-3066.532 χ^2/NDF : 14.8/16

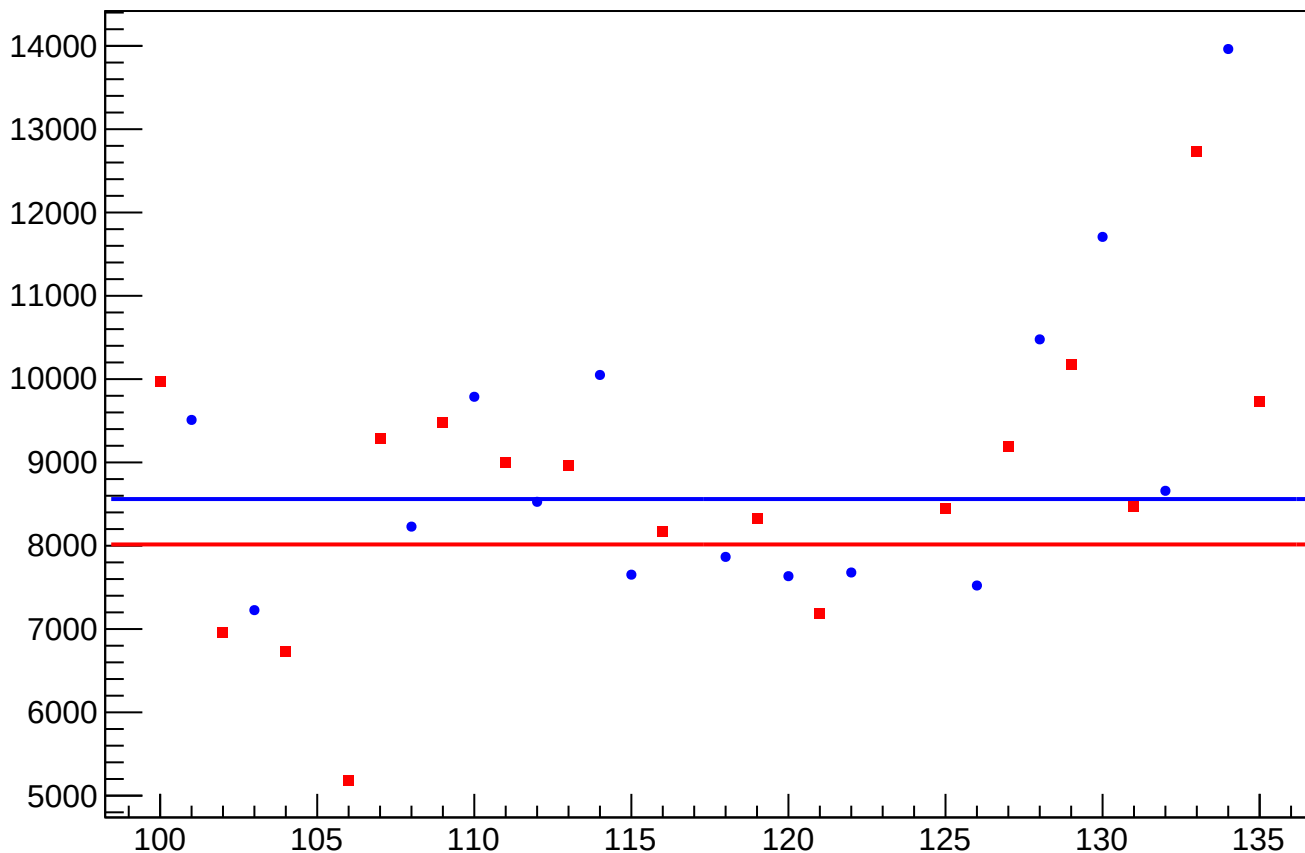
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.958+/-2294.543 χ^2/NDF : 27.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_correction_rms vs Slug



Right In: 8560.270+/-2.446 χ^2/NDF : 341919.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

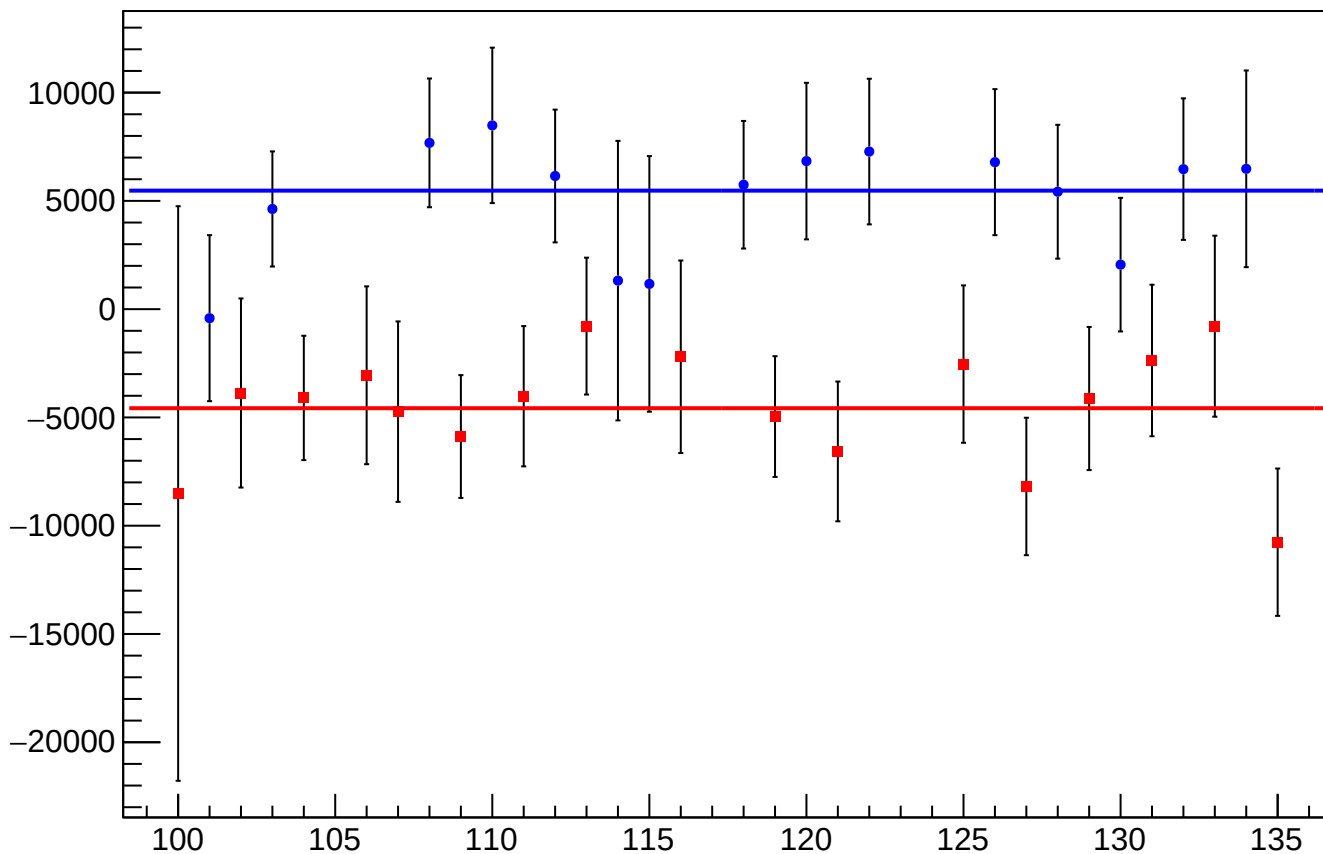
Right Out: 8015.364+/-2.168 χ^2/NDF : 547729.7/16

All: 8255.186+/-1.622 χ^2/NDF : 917442.4/31

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5473.297+/-884.042 χ^2/NDF : 6.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4573.881+/-850.288 χ^2/NDF : 8.8/16

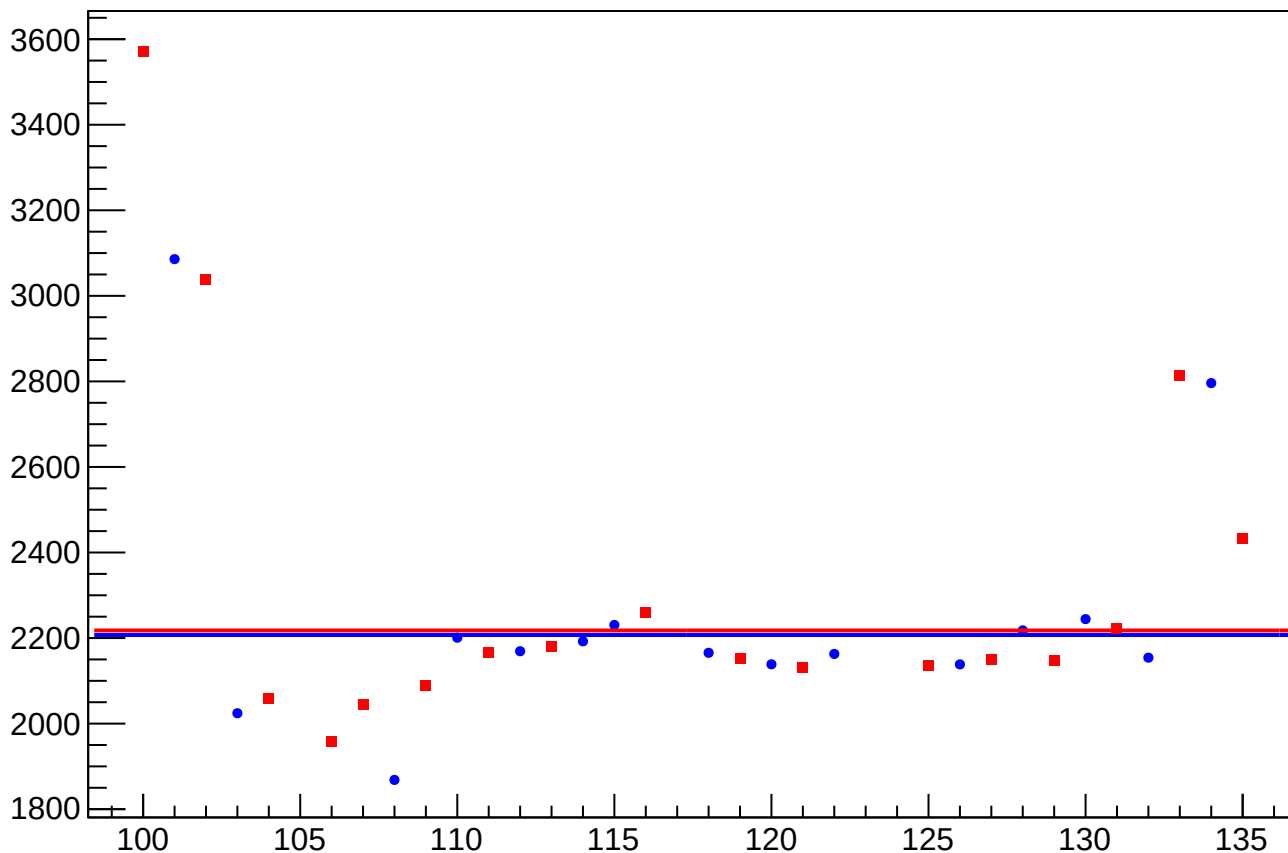
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.241+/-612.830 χ^2/NDF : 82.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 2207.127+/-0.625 χ^2/NDF : 177609.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2217.753+/-0.601 χ^2/NDF : 168484.1/16

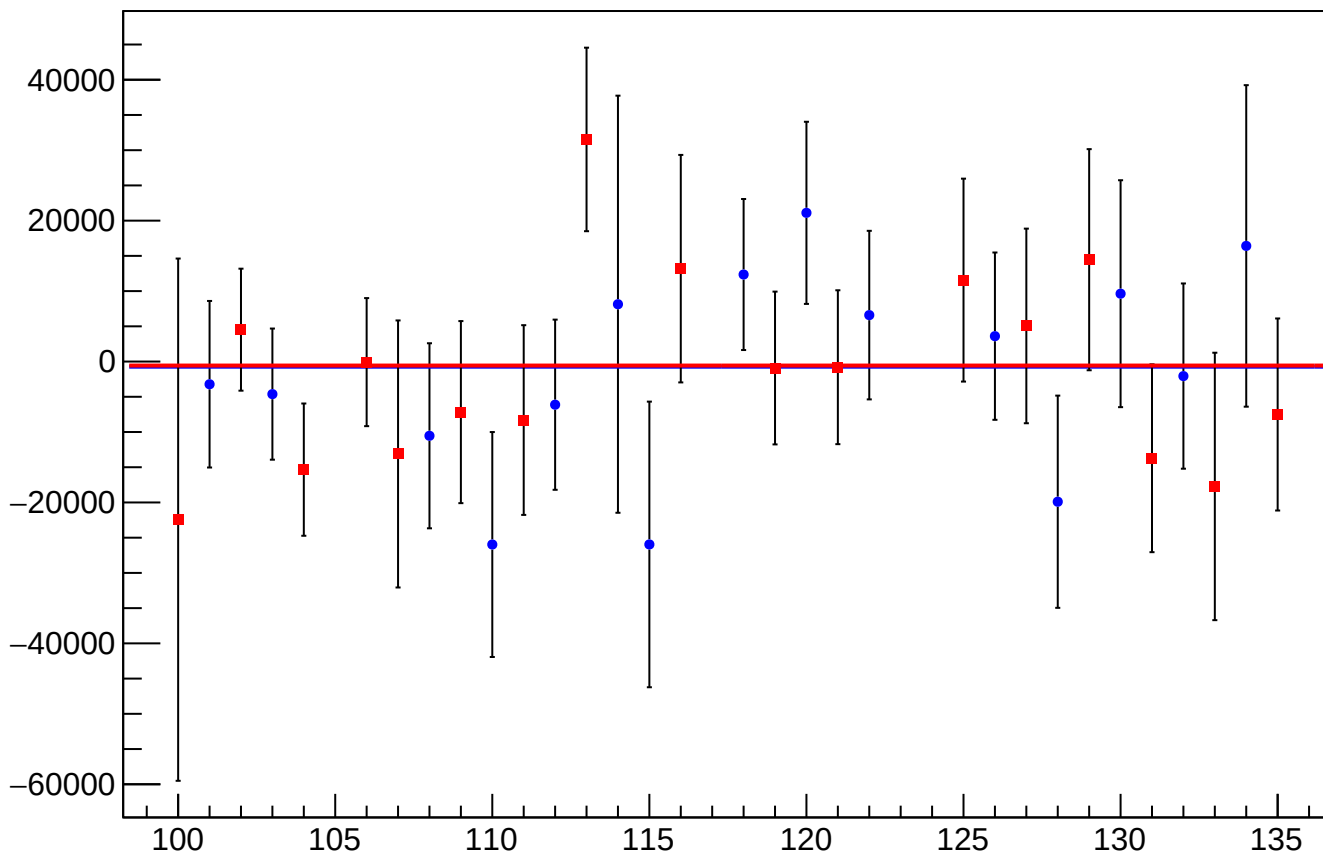
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2212.650+/-0.433 χ^2/NDF : 346243.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -726.822+/-3458.686 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -568.098+/-3066.524 χ^2/NDF : 14.8/16

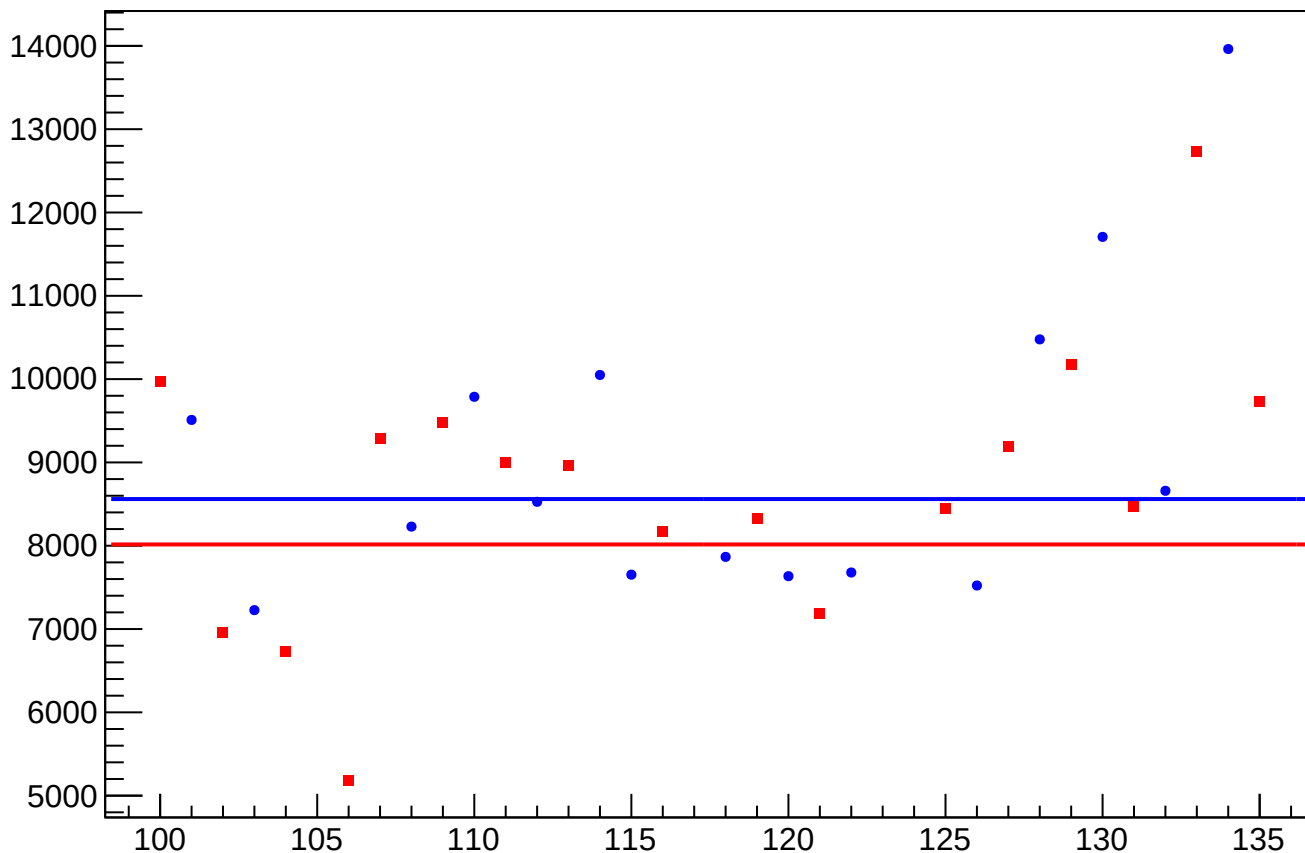
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -637.955+/-2294.537 χ^2/NDF : 27.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 8560.245+/-2.446 χ^2/NDF : 341919.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

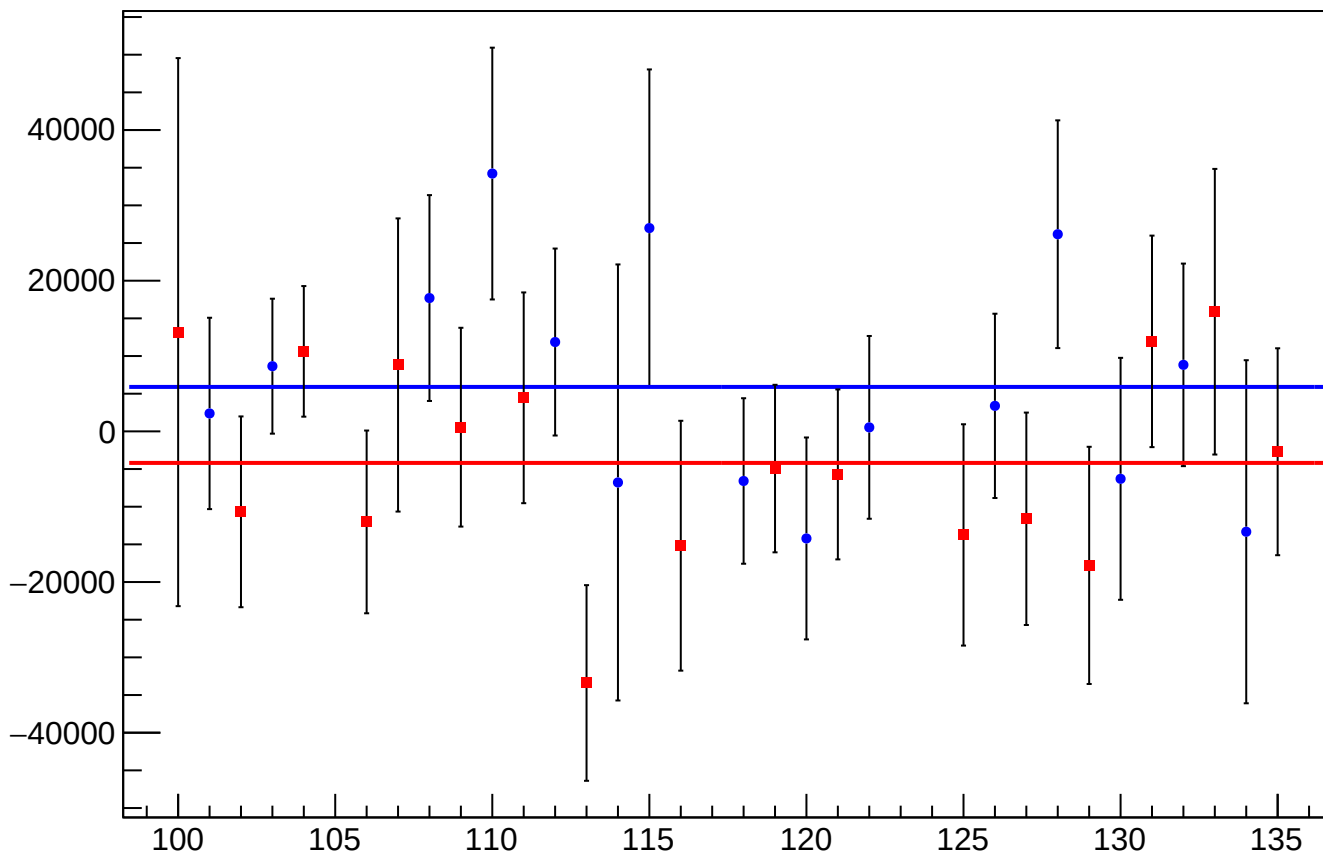
Right Out: 8015.346+/-2.168 χ^2/NDF : 547727.5/16

All: 8255.165+/-1.622 χ^2/NDF : 917440.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_mean vs Slug



Right In: 5899.873+/-3522.491 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4187.748+/-3279.789 χ^2/NDF : 14.2/16

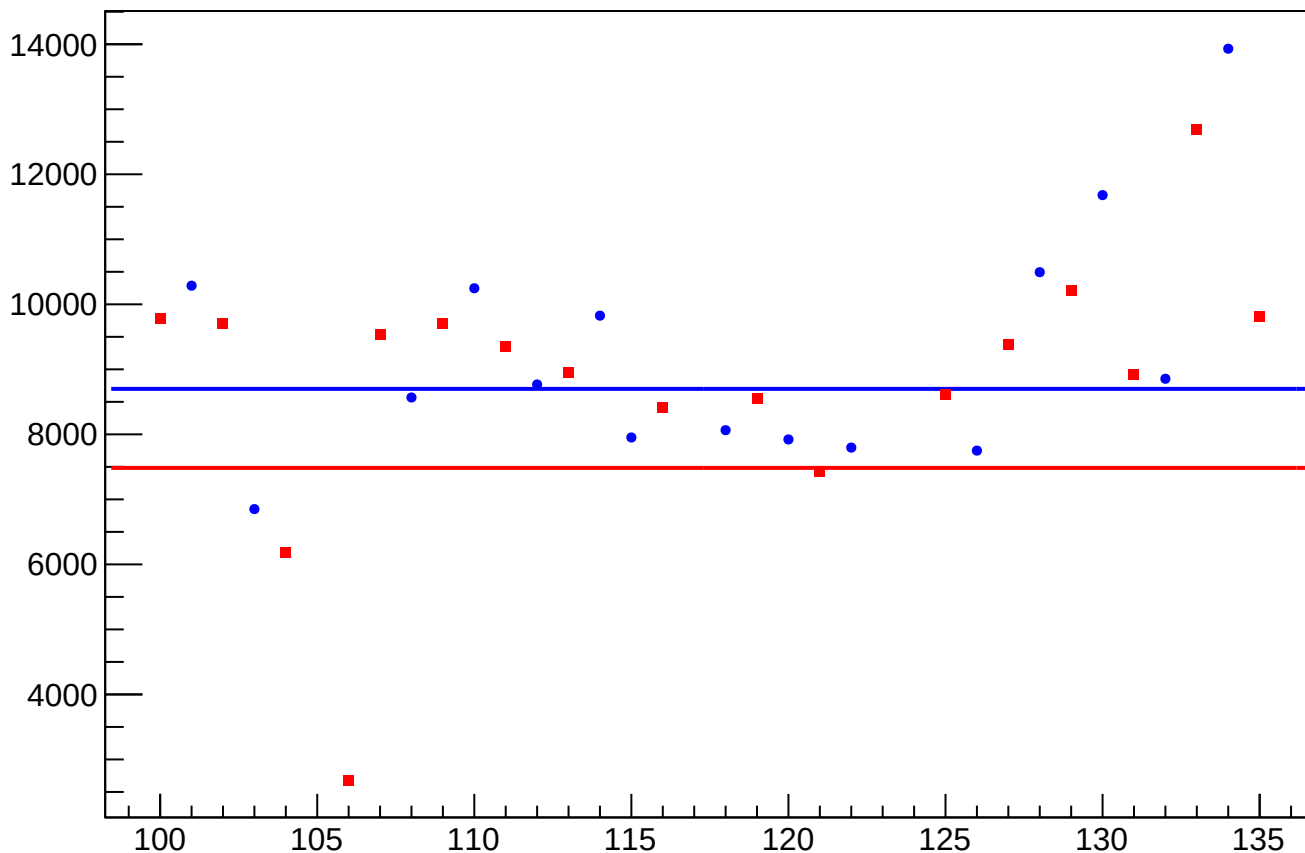
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 496.599+/-2400.380 χ^2/NDF : 30.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_rms vs Slug



Right In: 8699.602 $\pm$ 2.491 χ^2 /NDF: 378889.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

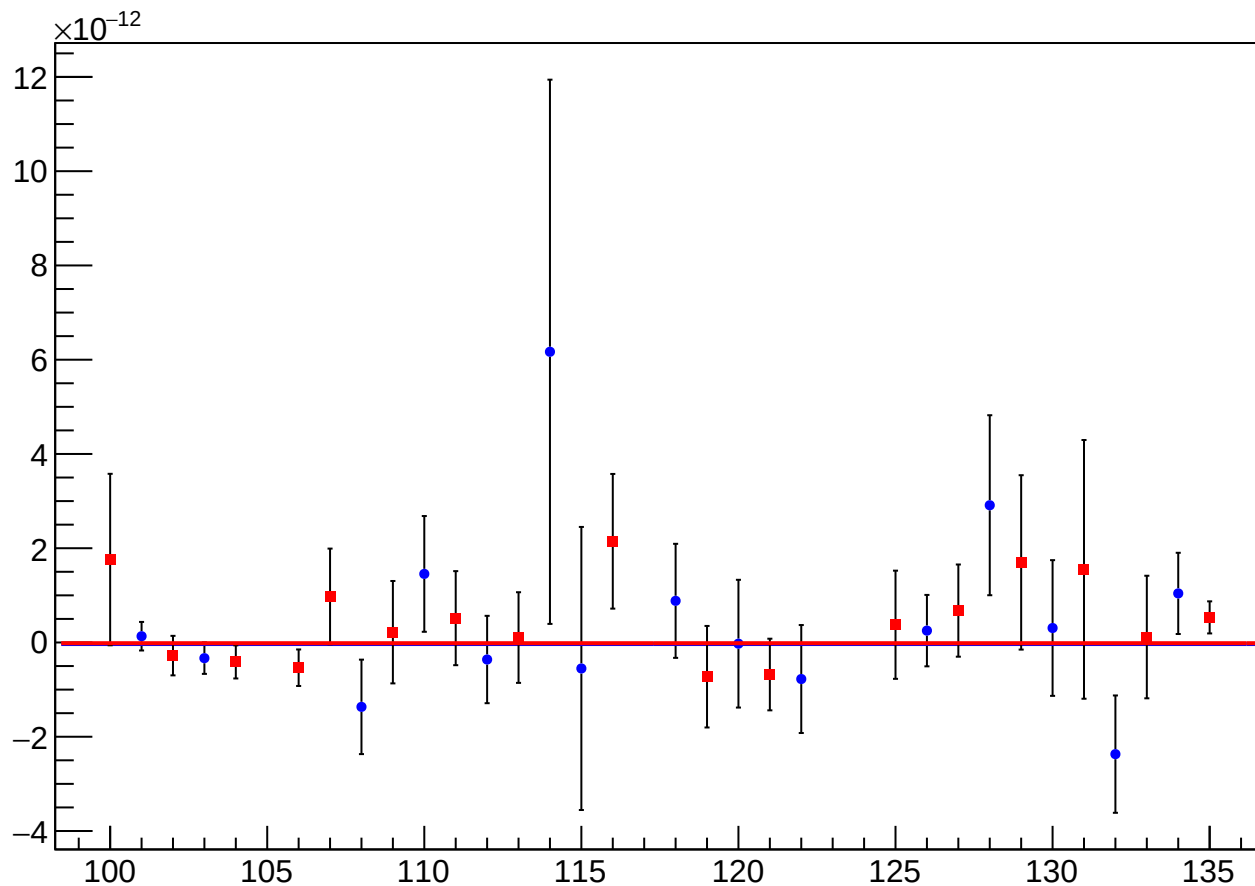
Right Out: 7484.414 $\pm$ 2.149 χ^2 /NDF: 1636311.6/16

All: 8003.066 $\pm$ 1.627 χ^2 /NDF: 2151636.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.6/16

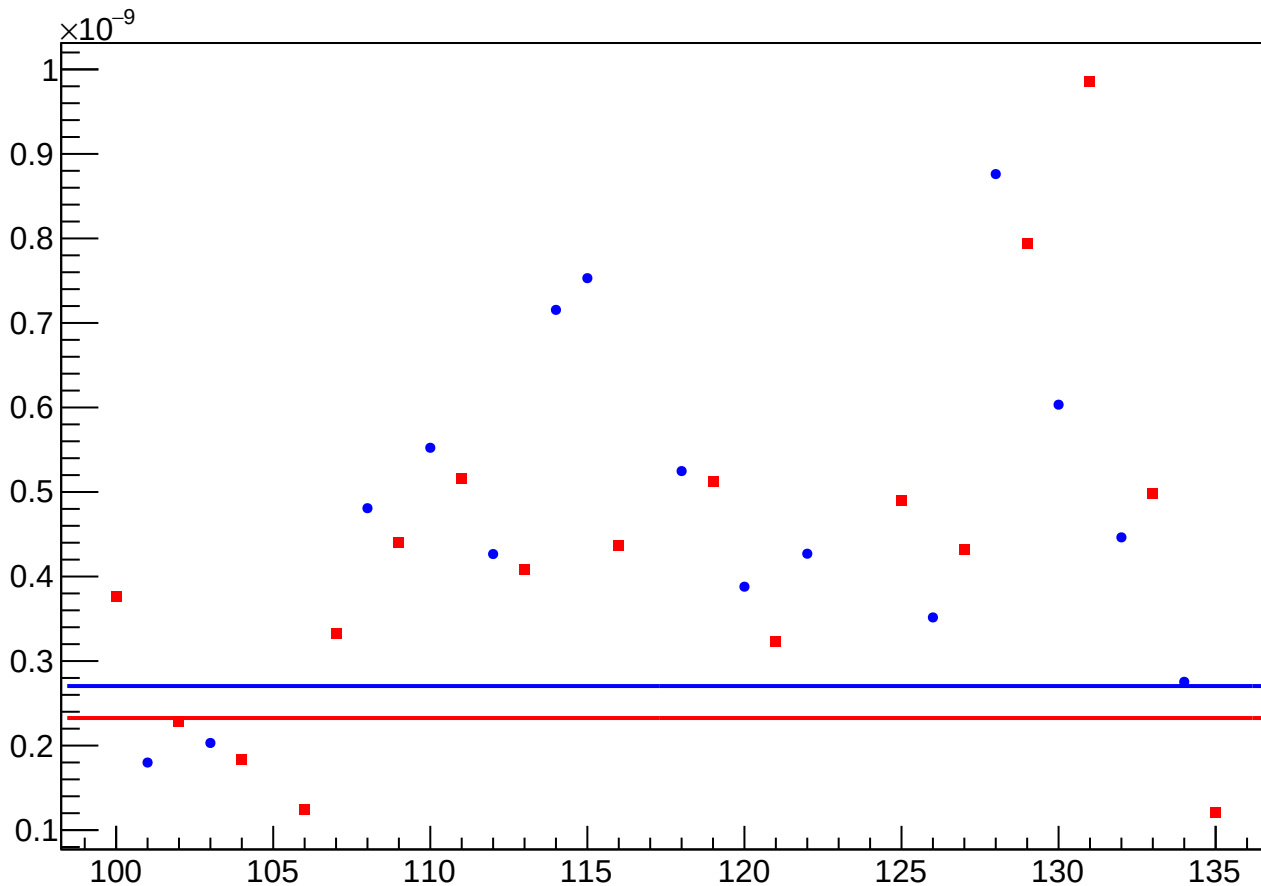
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1085673.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1551150.0/16

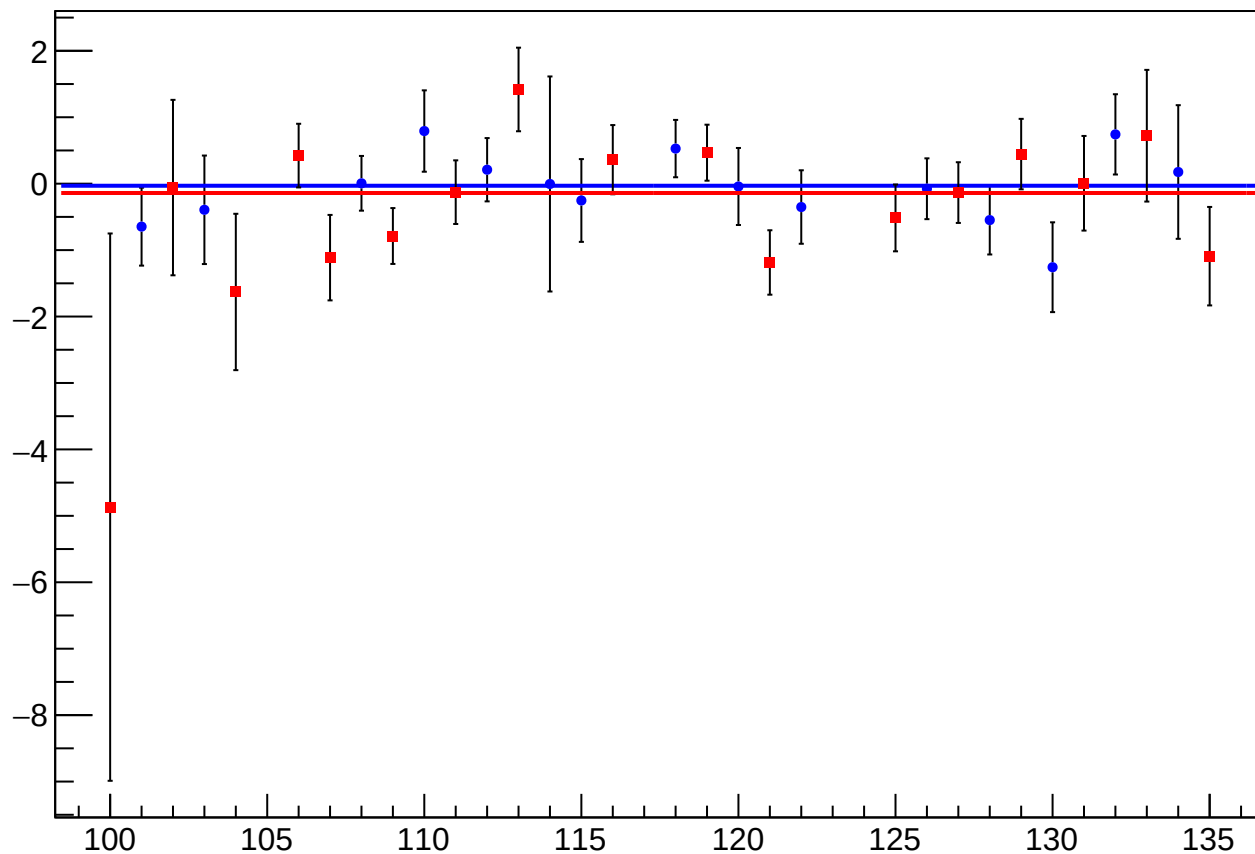
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2684821.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.140+/-0.140 χ^2/NDF : 27.0/16

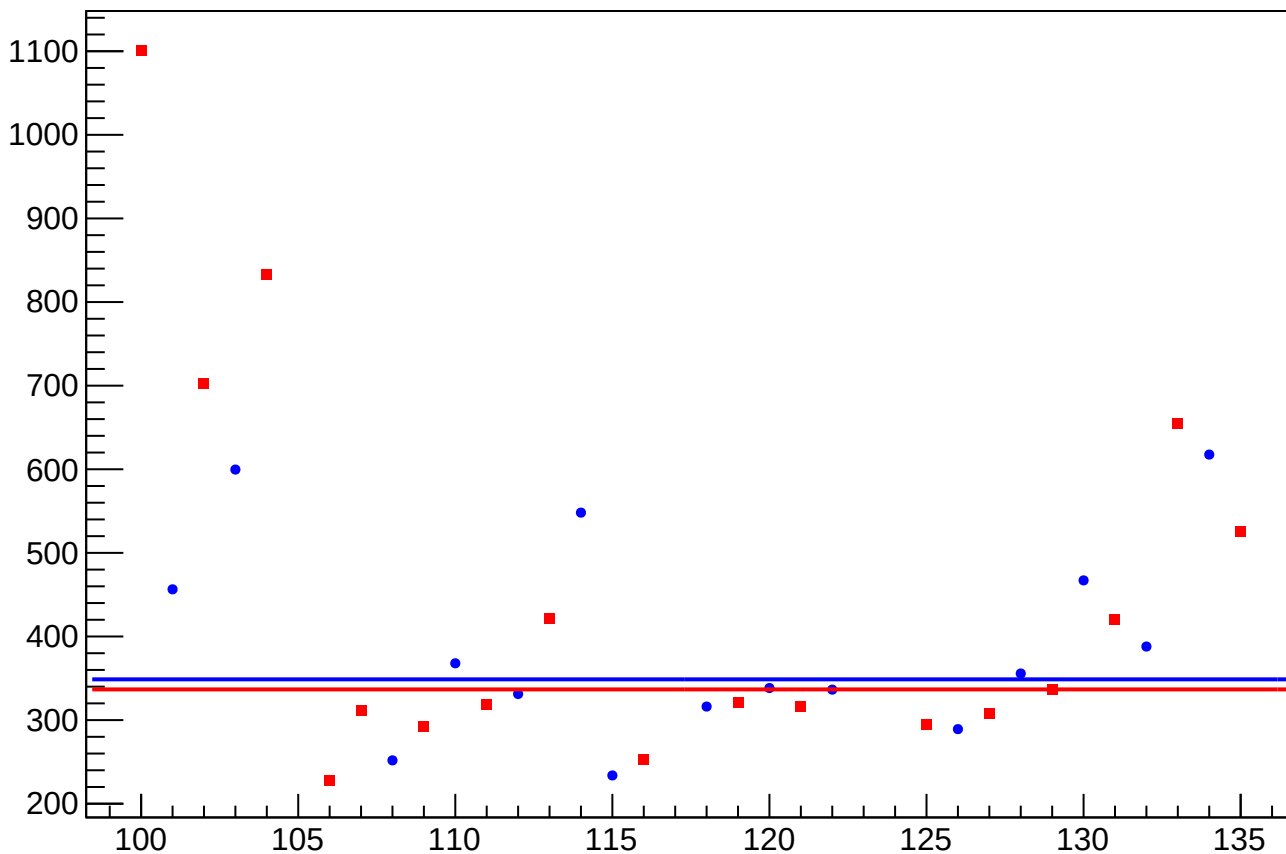
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.101 χ^2/NDF : 38.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.719+/-0.099 χ^2/NDF : 1190279.2/16

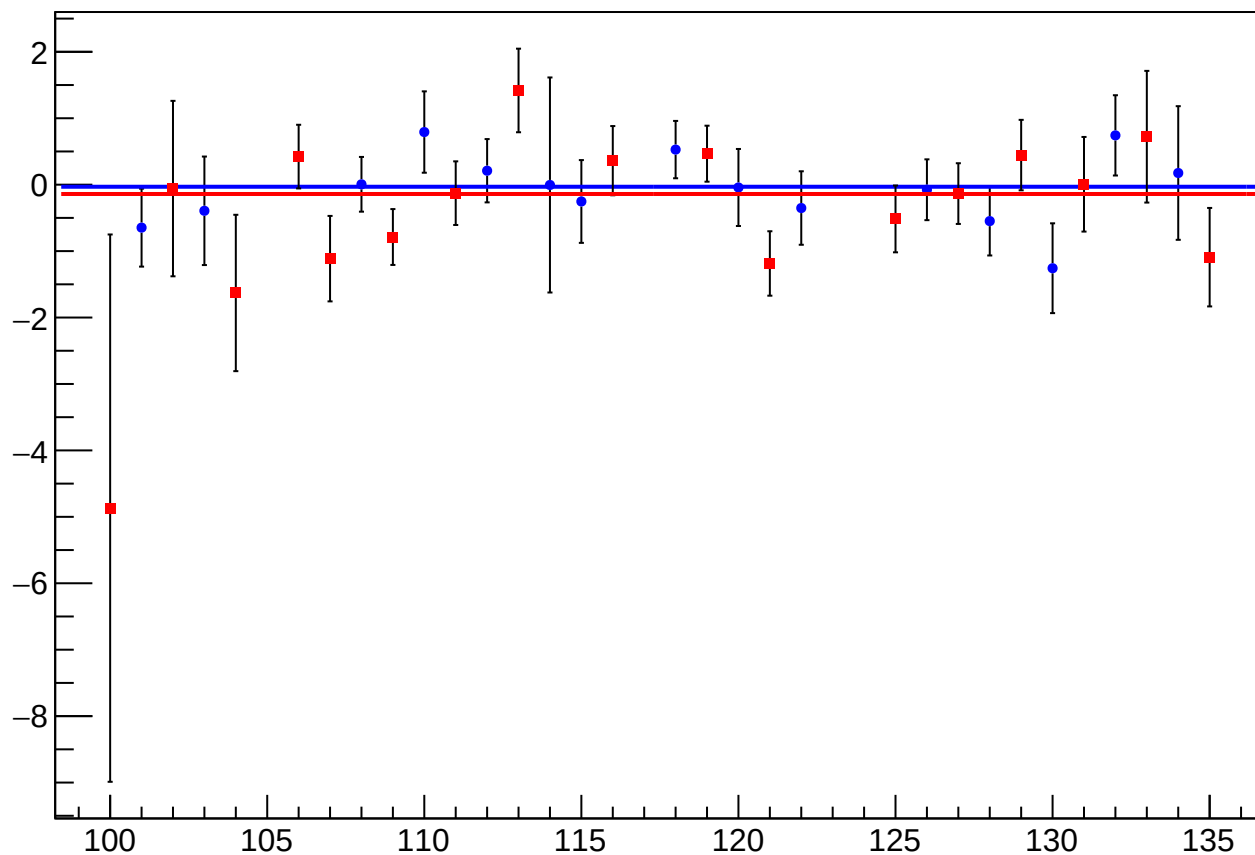
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.425+/-0.072 χ^2/NDF : 1927030.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031+/-0.147 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.140+/-0.140 χ^2/NDF : 27.0/16

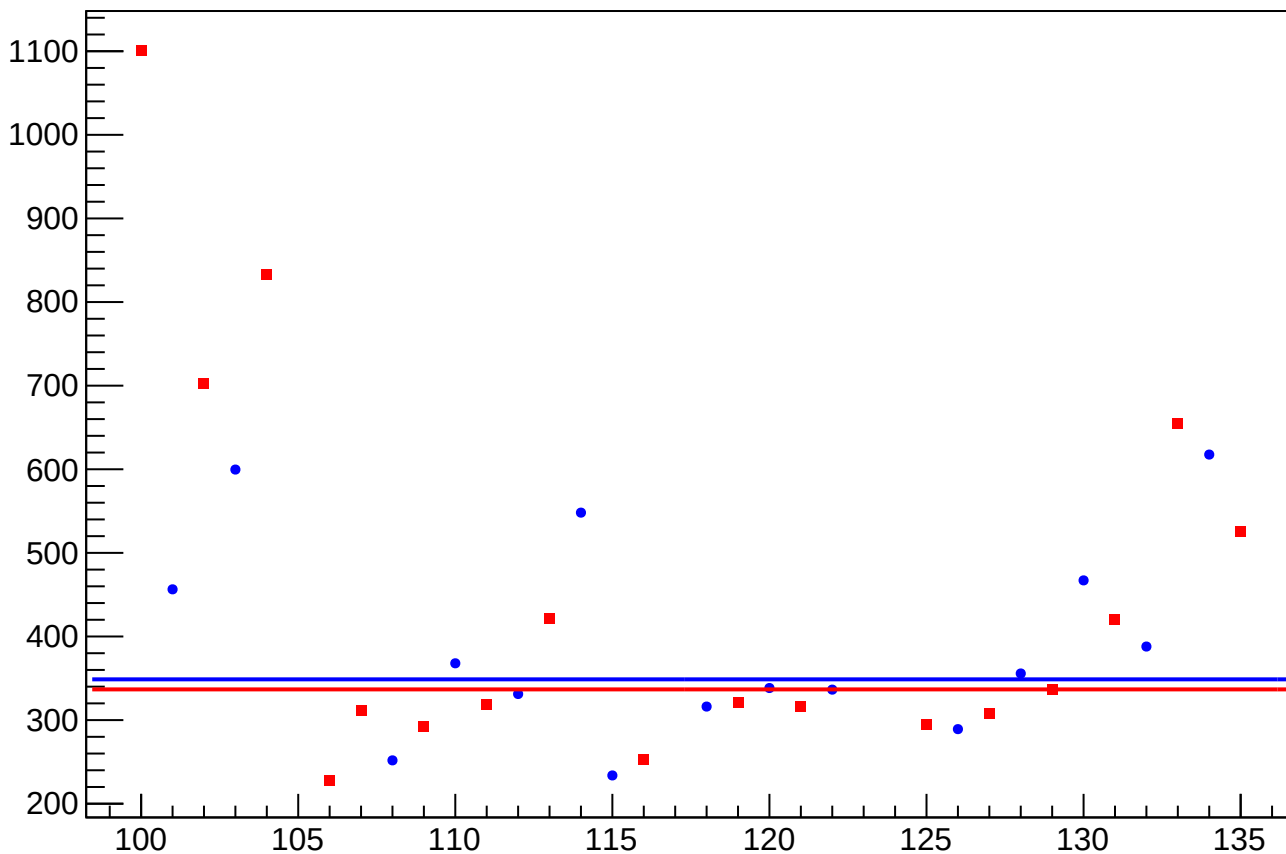
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.088+/-0.101 χ^2/NDF : 38.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 348.744+/-0.104 χ^2/NDF : 729706.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.719+/-0.099 χ^2/NDF : 1190279.2/16

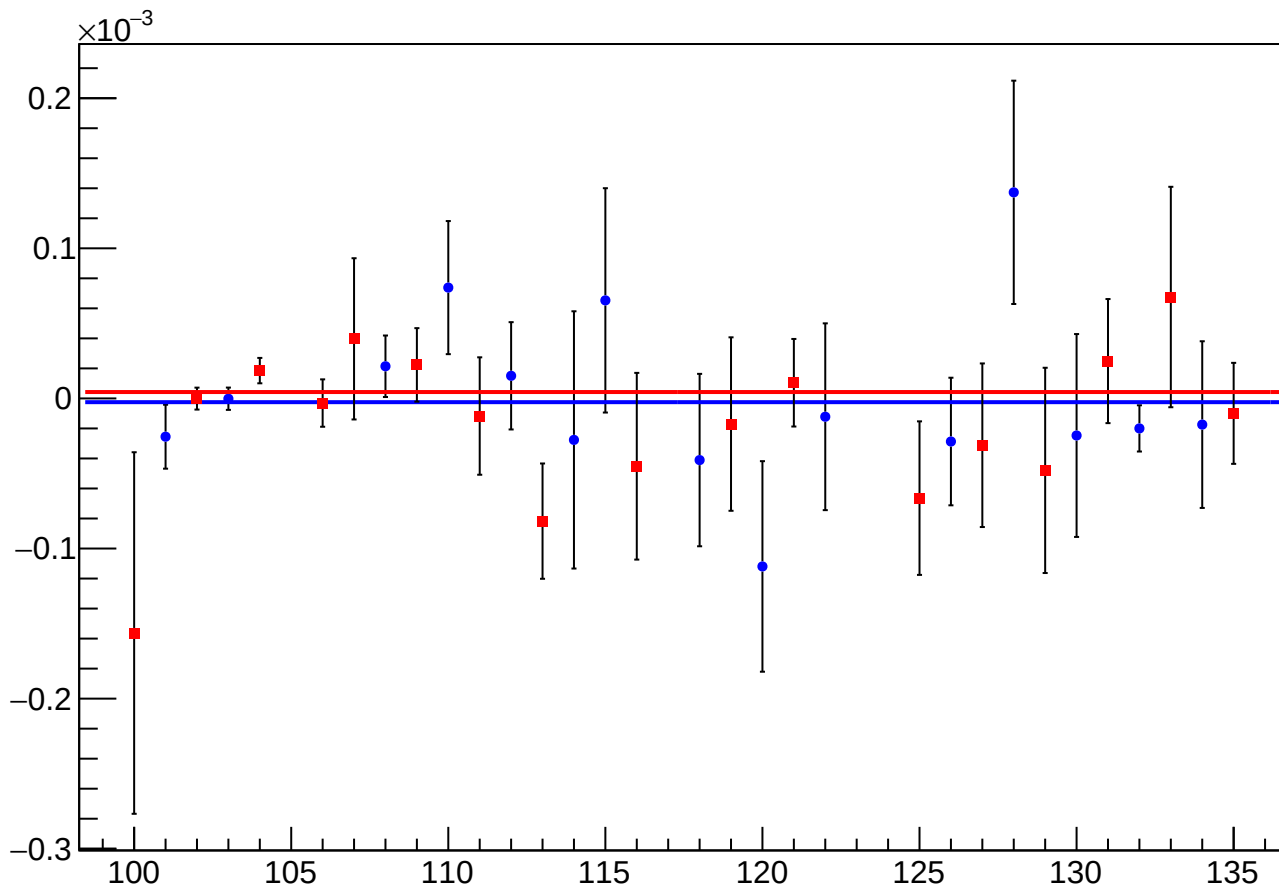
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.425+/-0.072 χ^2/NDF : 1927030.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.3/16

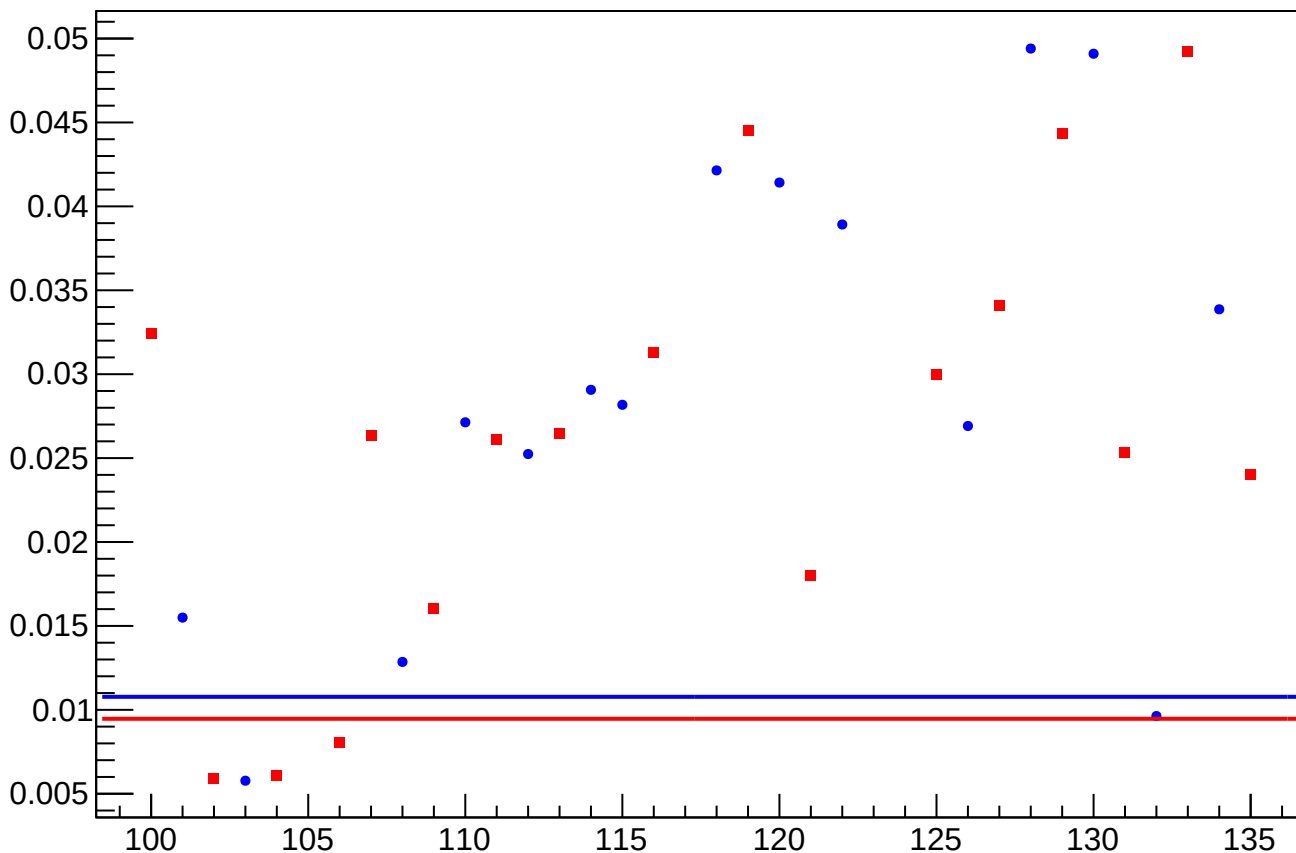
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 5038996.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 5643595.1/16

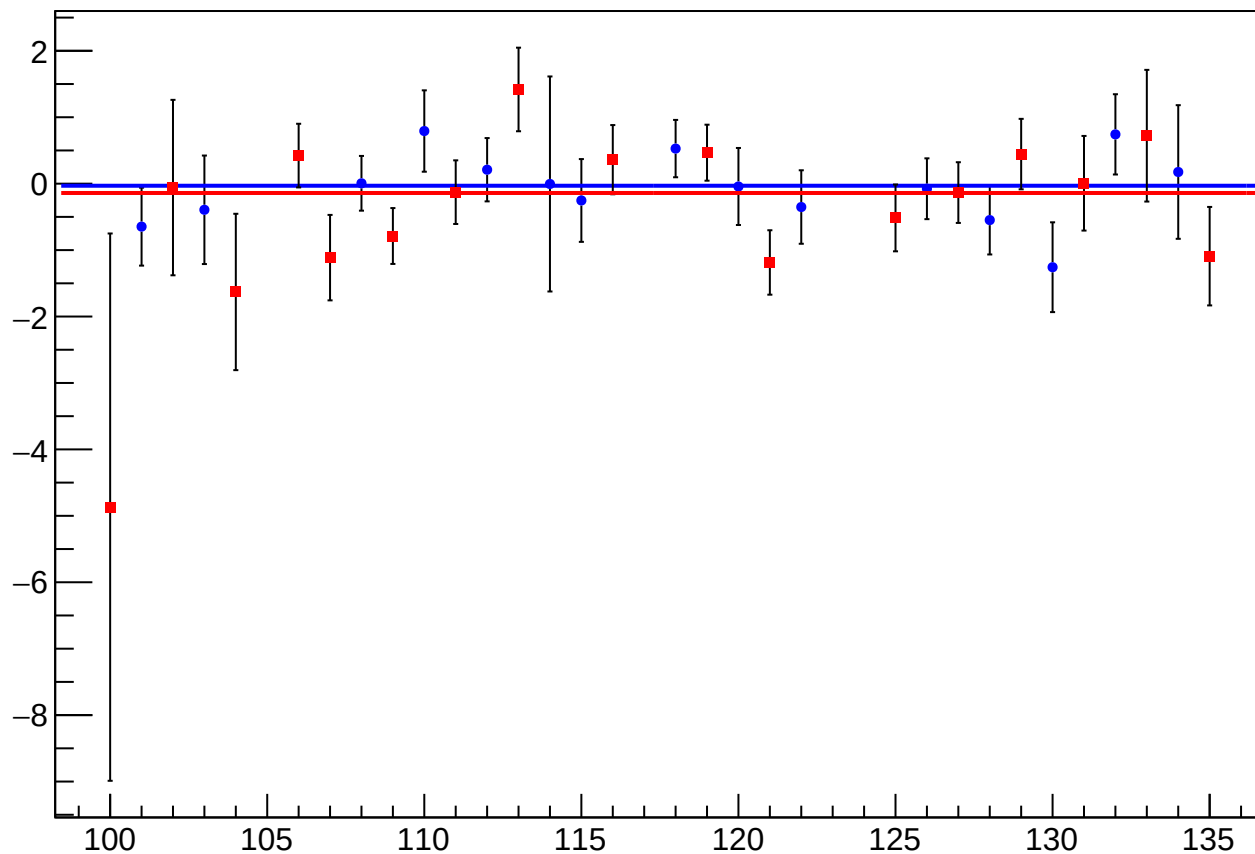
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 10744626.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.031 ± 0.147 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.140 ± 0.140 χ^2/NDF : 27.0/16

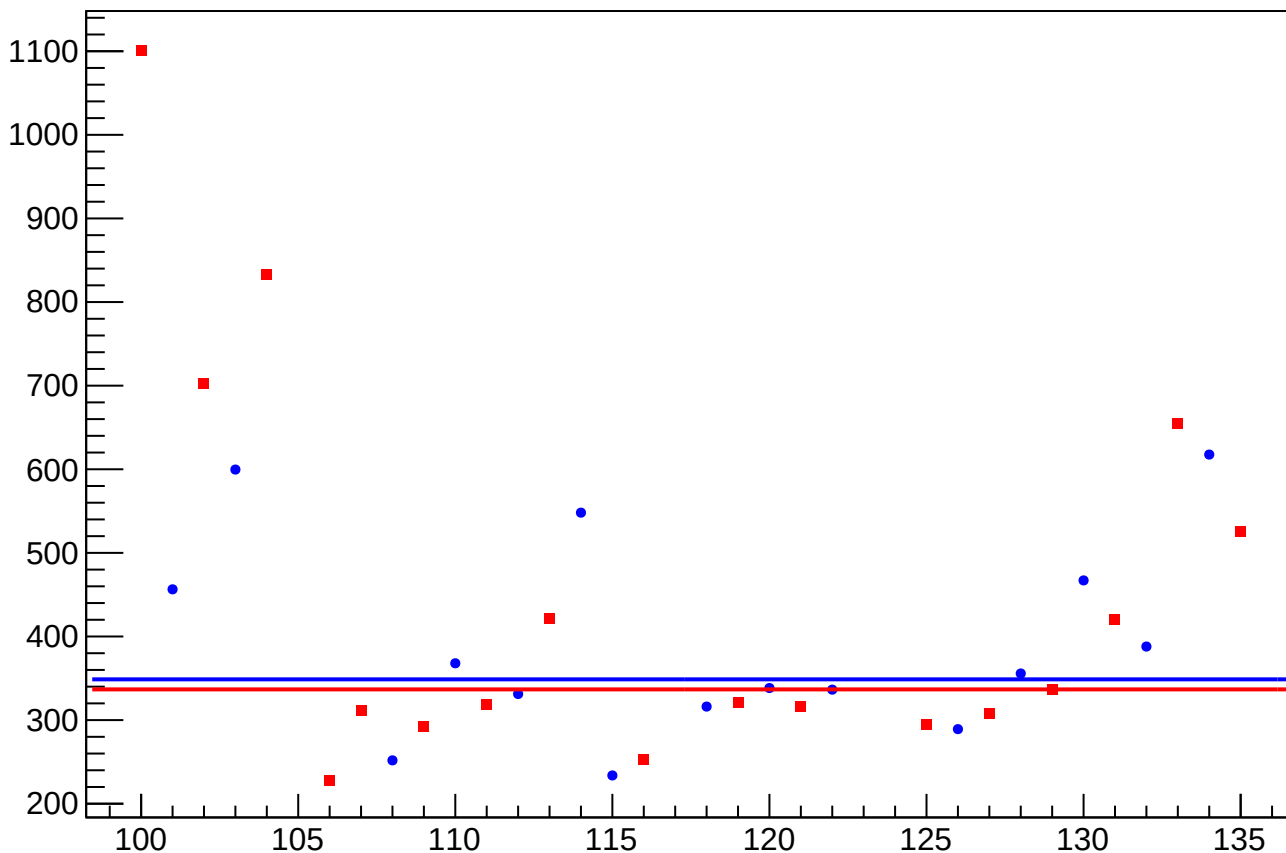
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.101 χ^2/NDF : 38.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 348.742+/-0.104 χ^2/NDF : 729658.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.717+/-0.099 χ^2/NDF : 1190253.8/16

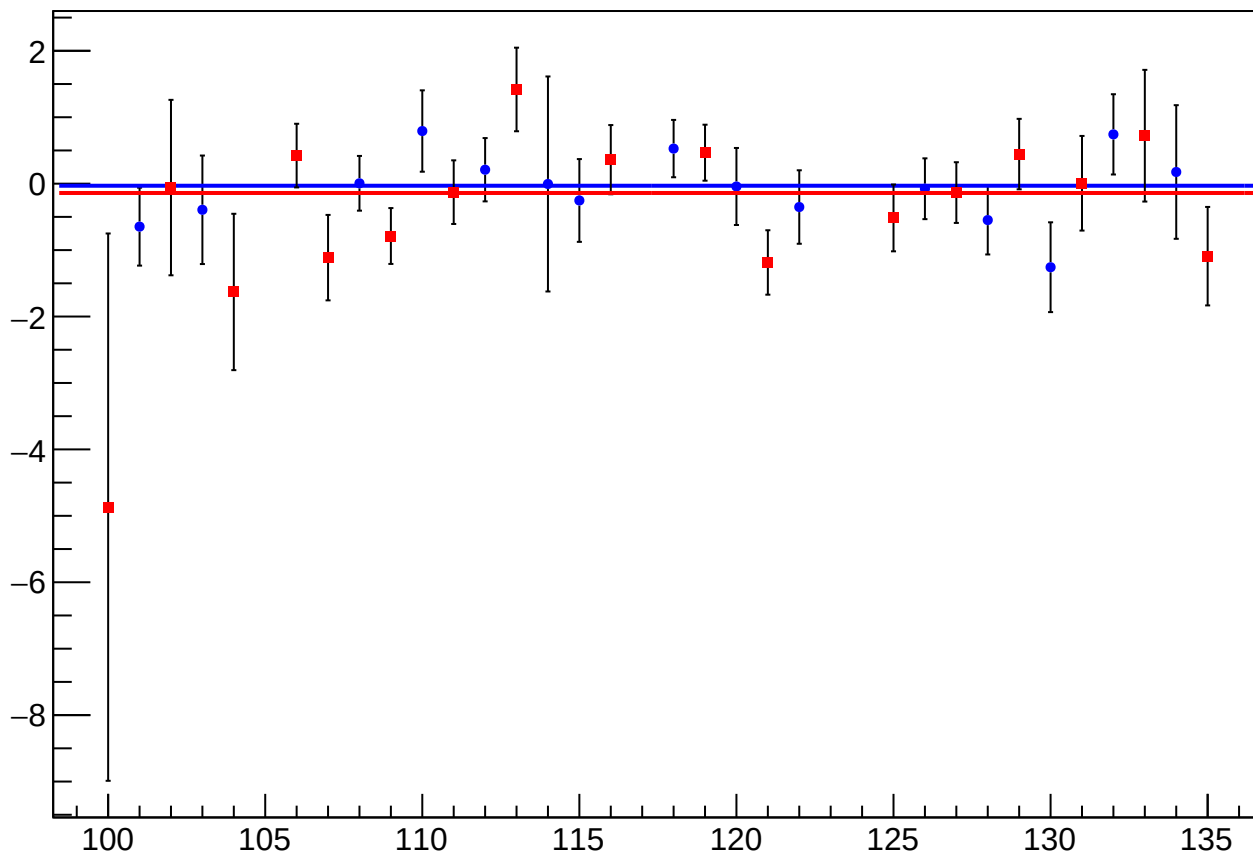
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.422+/-0.072 χ^2/NDF : 1926957.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.031 ± 0.147 χ^2/NDF : 11.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.140 ± 0.140 χ^2/NDF : 27.0/16

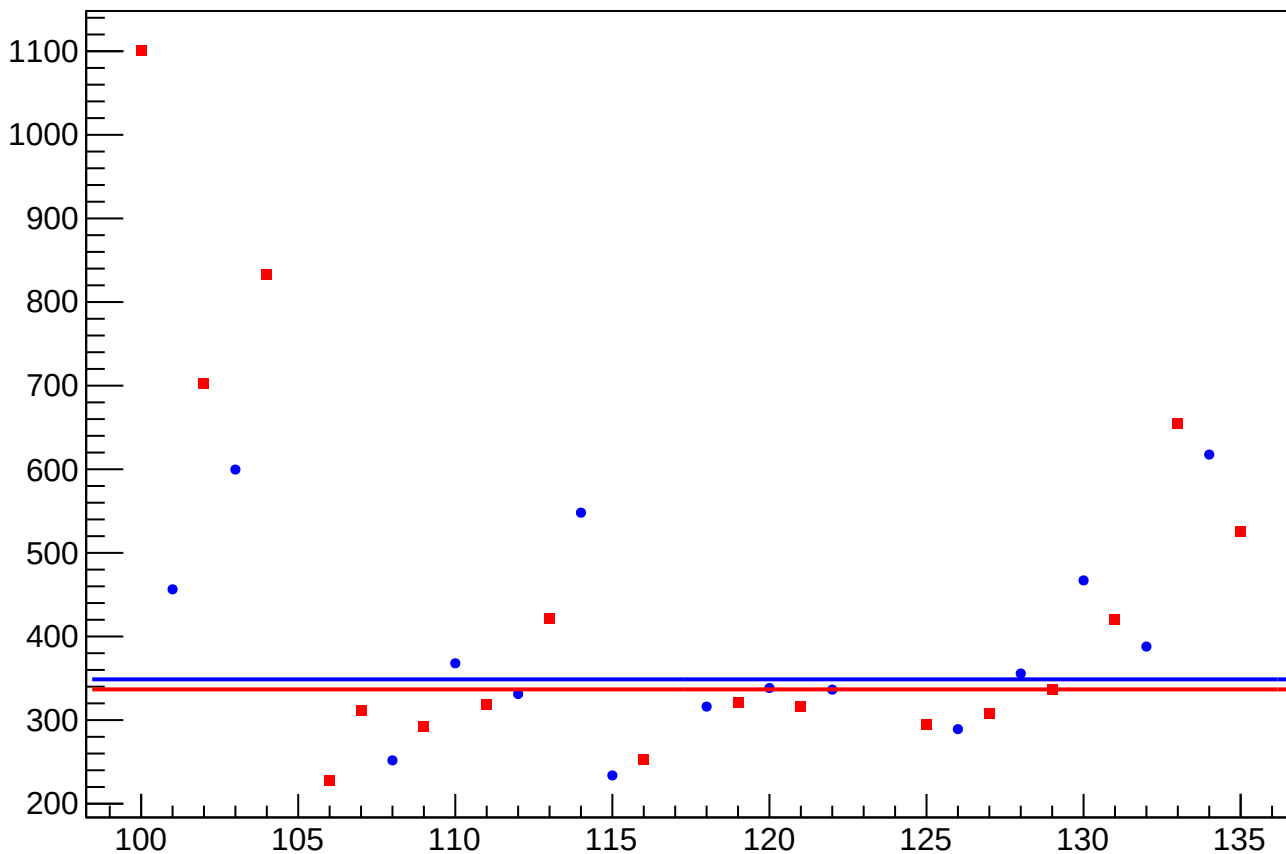
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.088 ± 0.101 χ^2/NDF : 38.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 348.742+/-0.104 χ^2/NDF : 729658.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 336.717+/-0.099 χ^2/NDF : 1190253.8/16

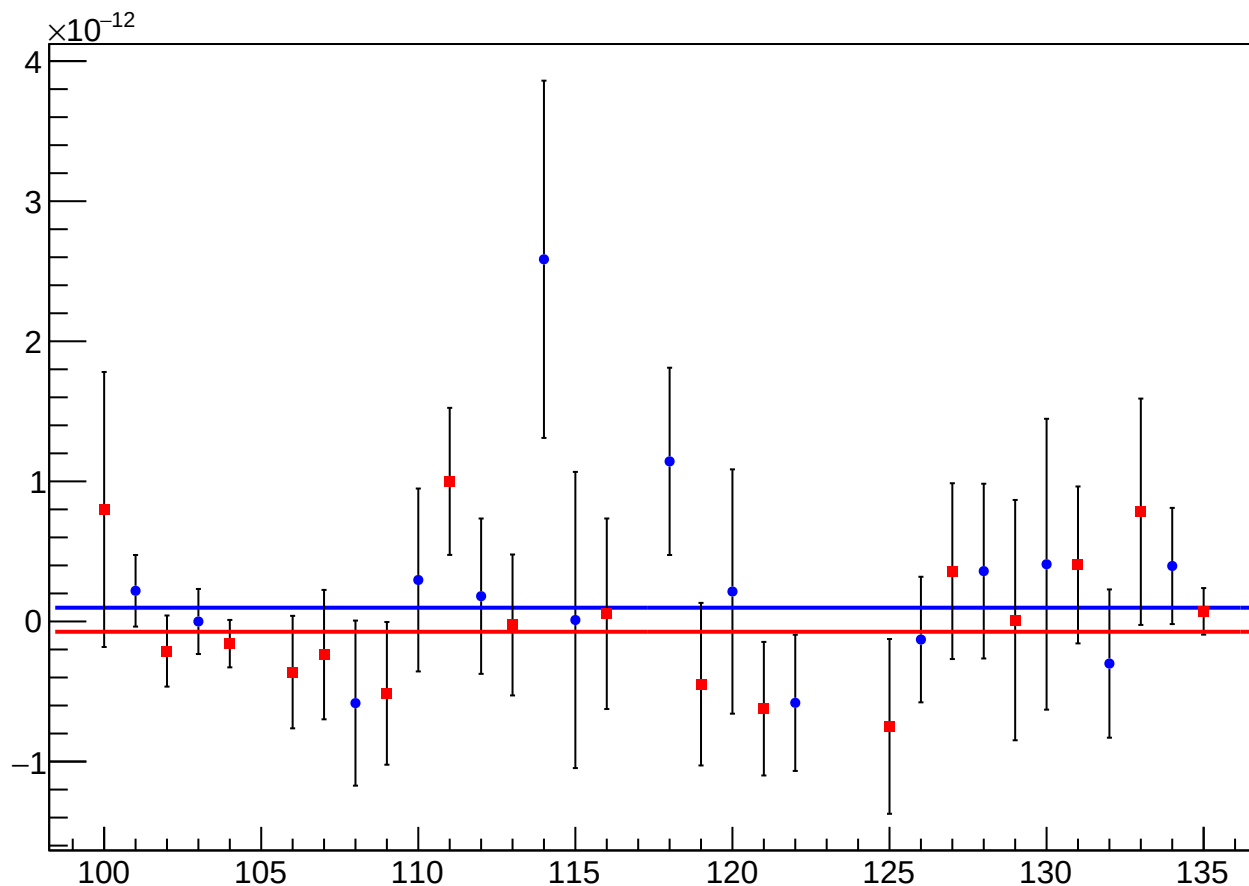
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 342.422+/-0.072 χ^2/NDF : 1926957.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.0/16

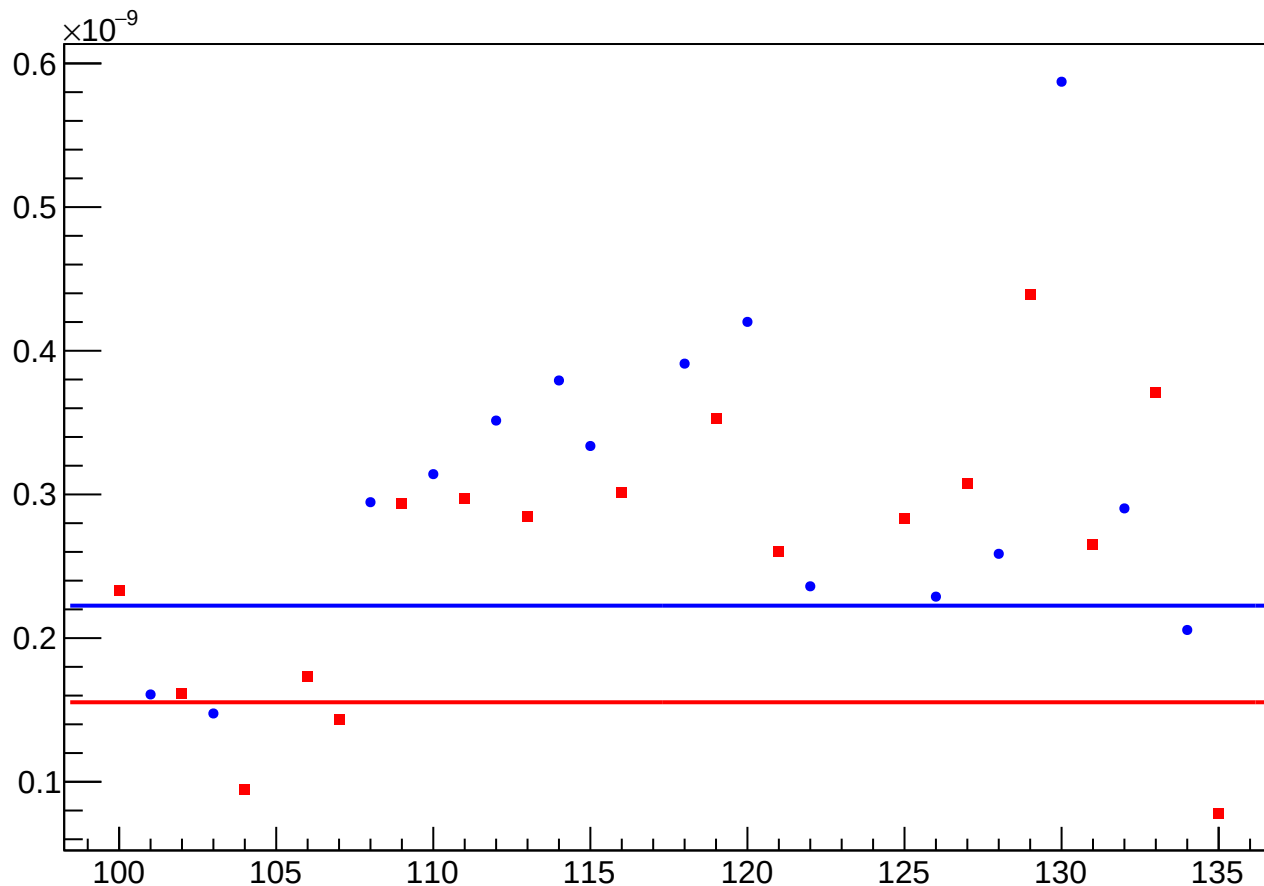
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1076176.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2200659.3/16

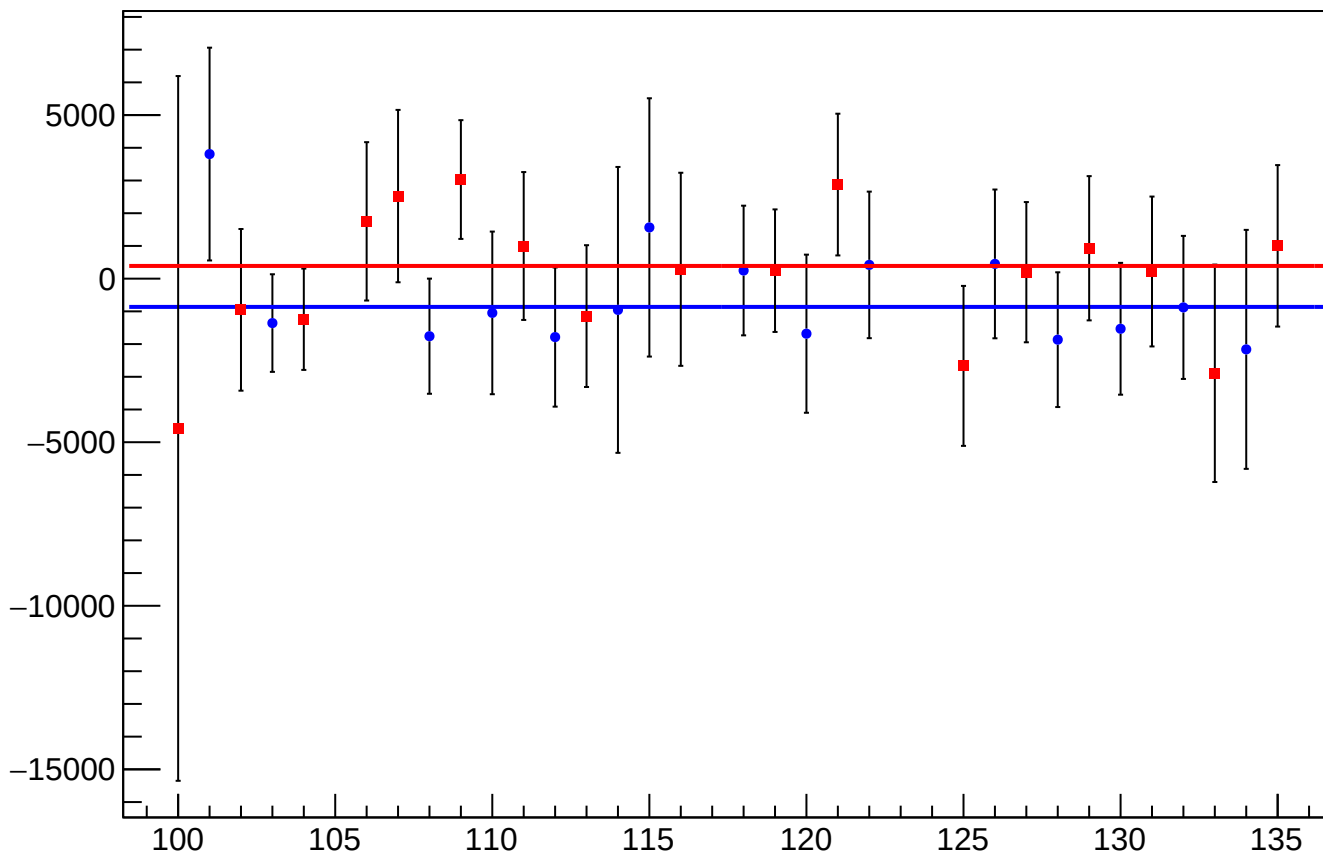
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3687162.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -863.922 $\pm$ 582.144 χ^2 /NDF: 4.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 388.419 $\pm$ 553.410 χ^2 /NDF: 9.3/16

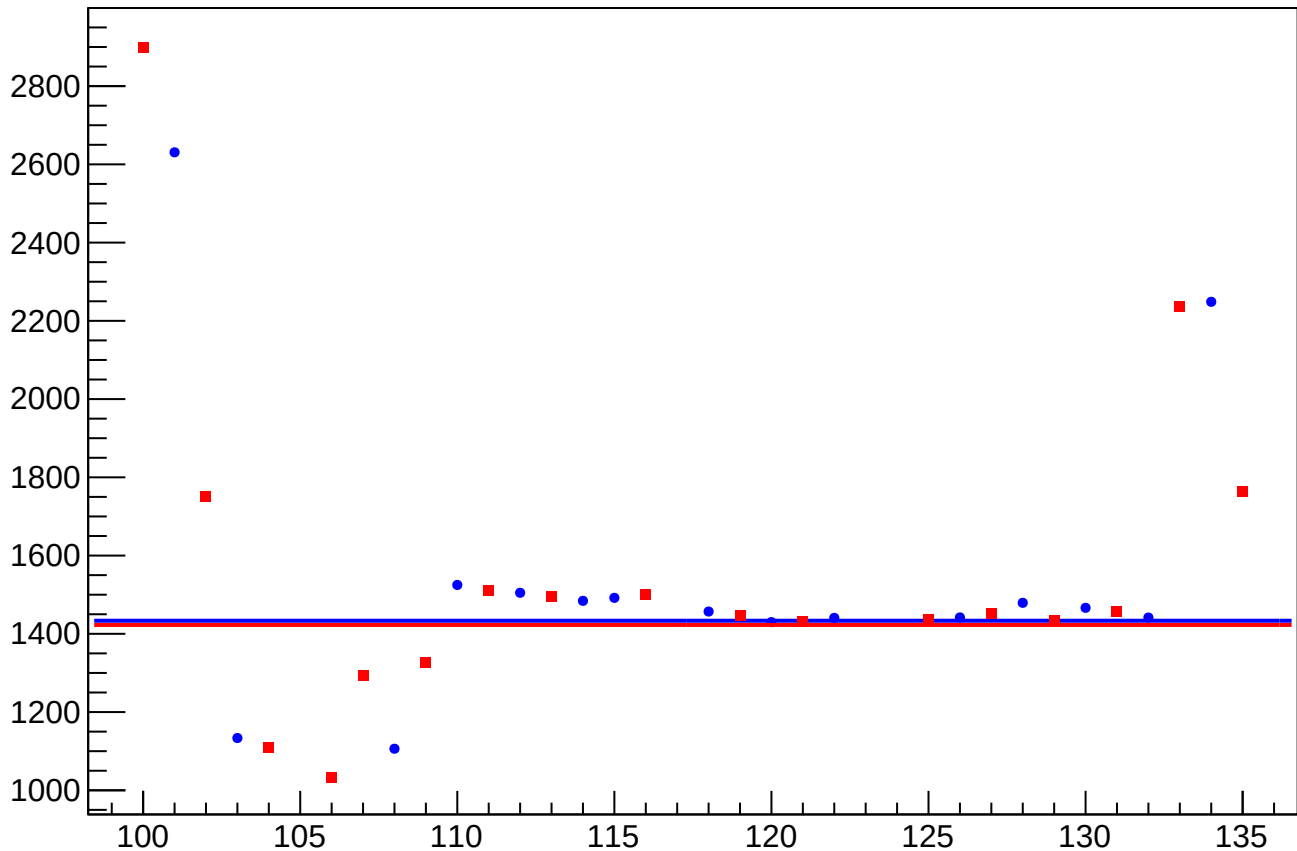
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -206.083 $\pm$ 401.093 χ^2 /NDF: 16.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1433.475+/-0.412 χ^2/NDF : 528157.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1422.663+/-0.388 χ^2/NDF : 398078.7/16

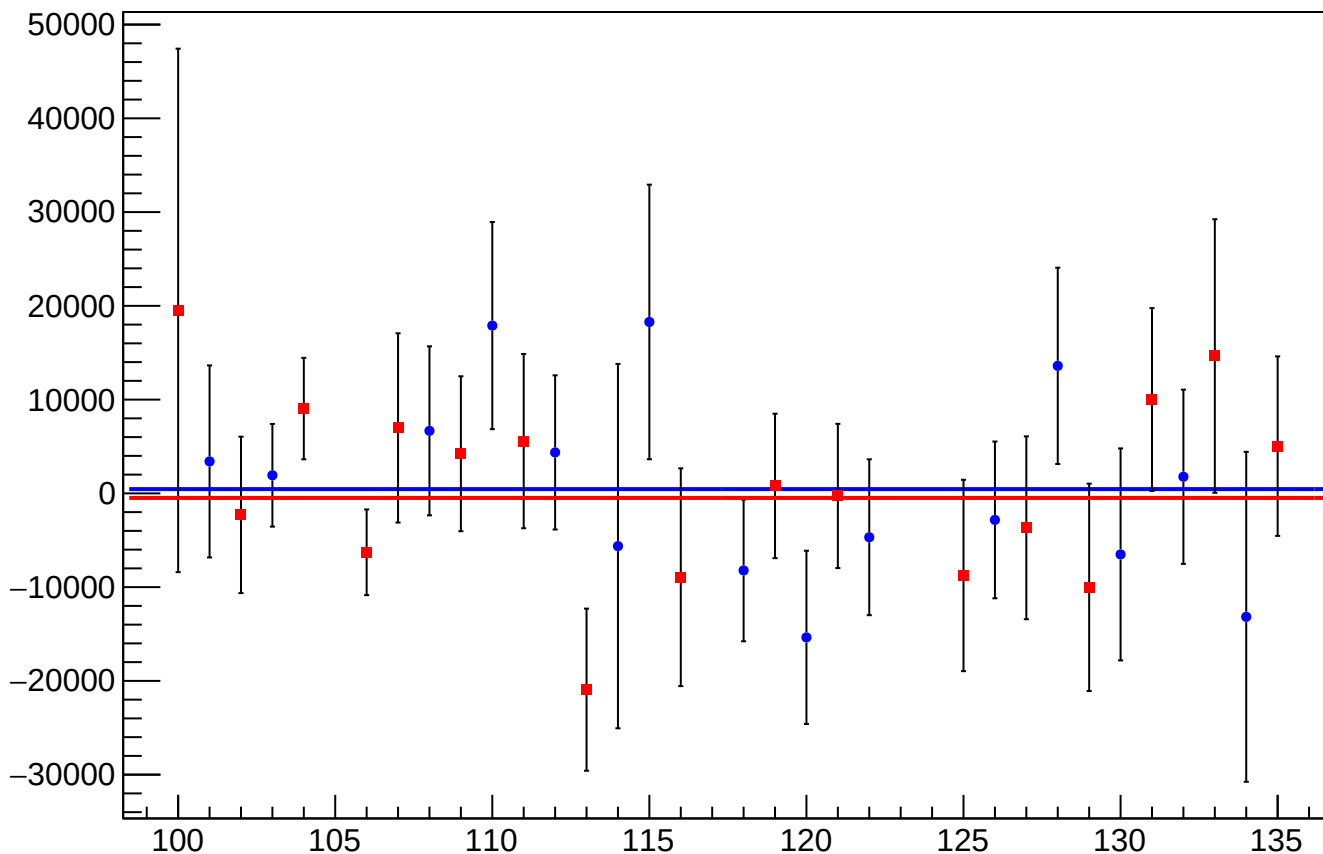
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1427.755+/-0.282 χ^2/NDF : 926601.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_mean vs Slug



Right In: 454.864 $\pm$ 2388.951 χ^2 /NDF: 12.3/14

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

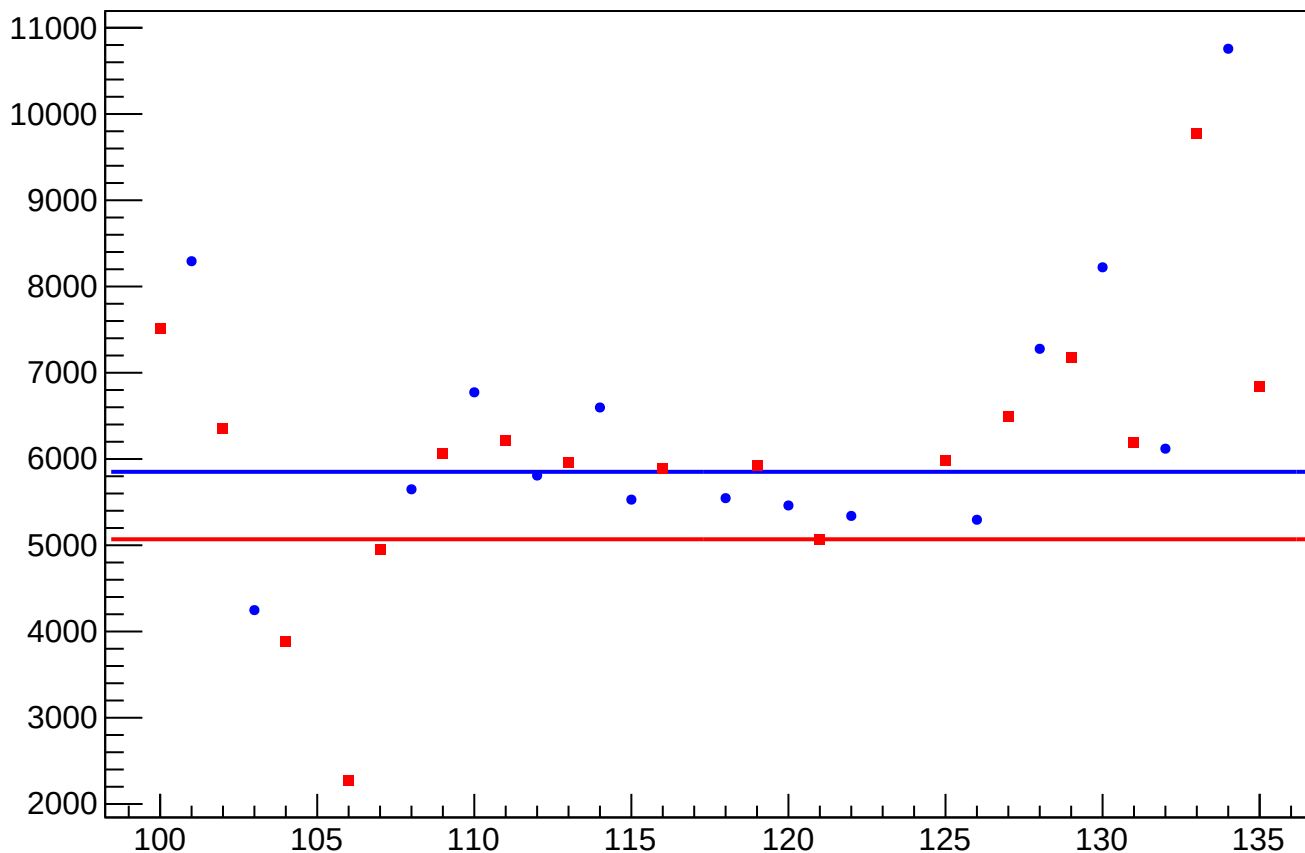
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -91.958 $\pm$ 1546.961 χ^2 /NDF: 29.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_reg_correction_rms vs Slug



Right In: 5851.469+/-1.689 χ^2/NDF : 609340.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

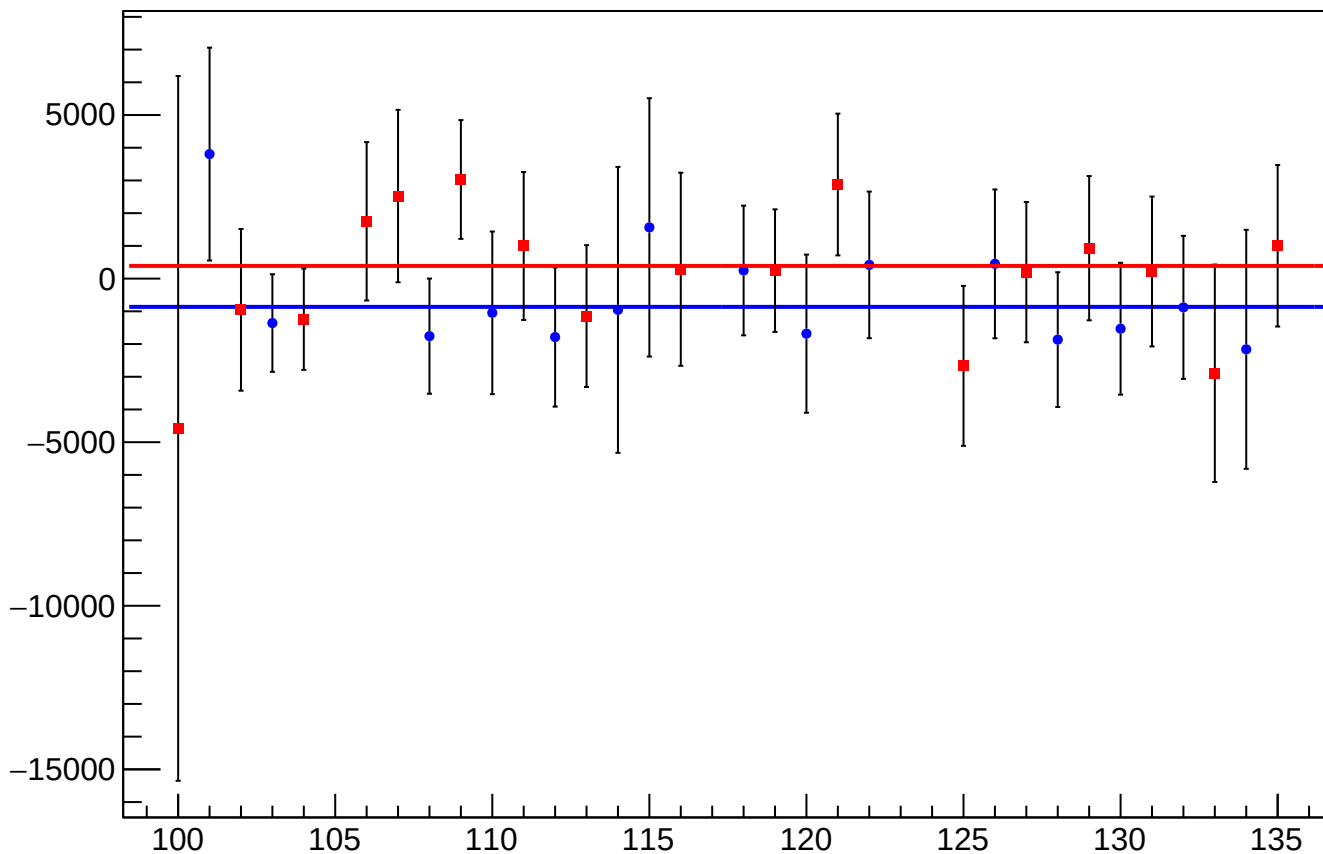
Right Out: 5069.462+/-1.435 χ^2/NDF : 1456443.9/16

All: 5397.372+/-1.094 χ^2/NDF : 2190228.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -863.995 ± 582.144 χ^2/NDF : 4.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 388.240 ± 553.410 χ^2/NDF : 9.3/16

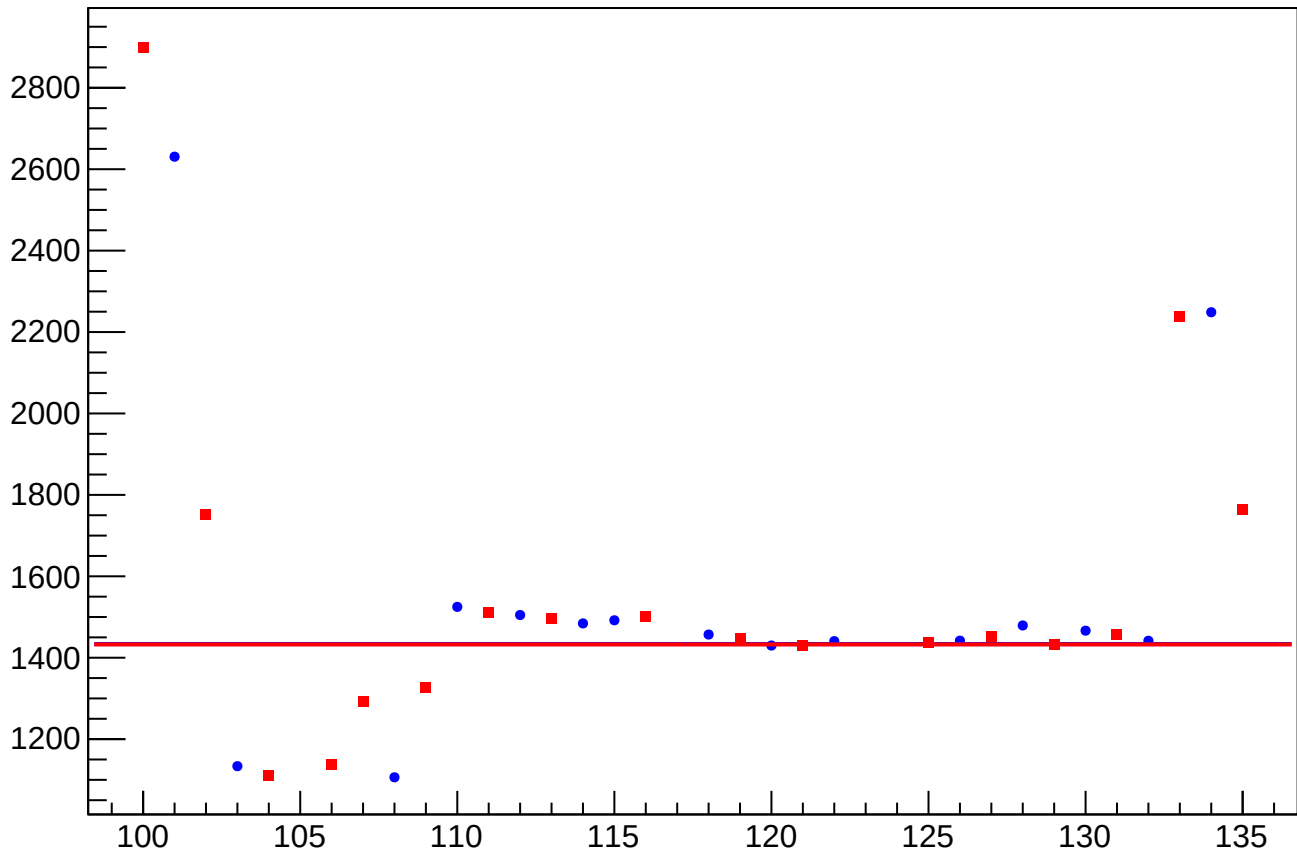
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -206.211 ± 401.093 χ^2/NDF : 16.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1433.474+/-0.412 χ^2/NDF : 528157.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

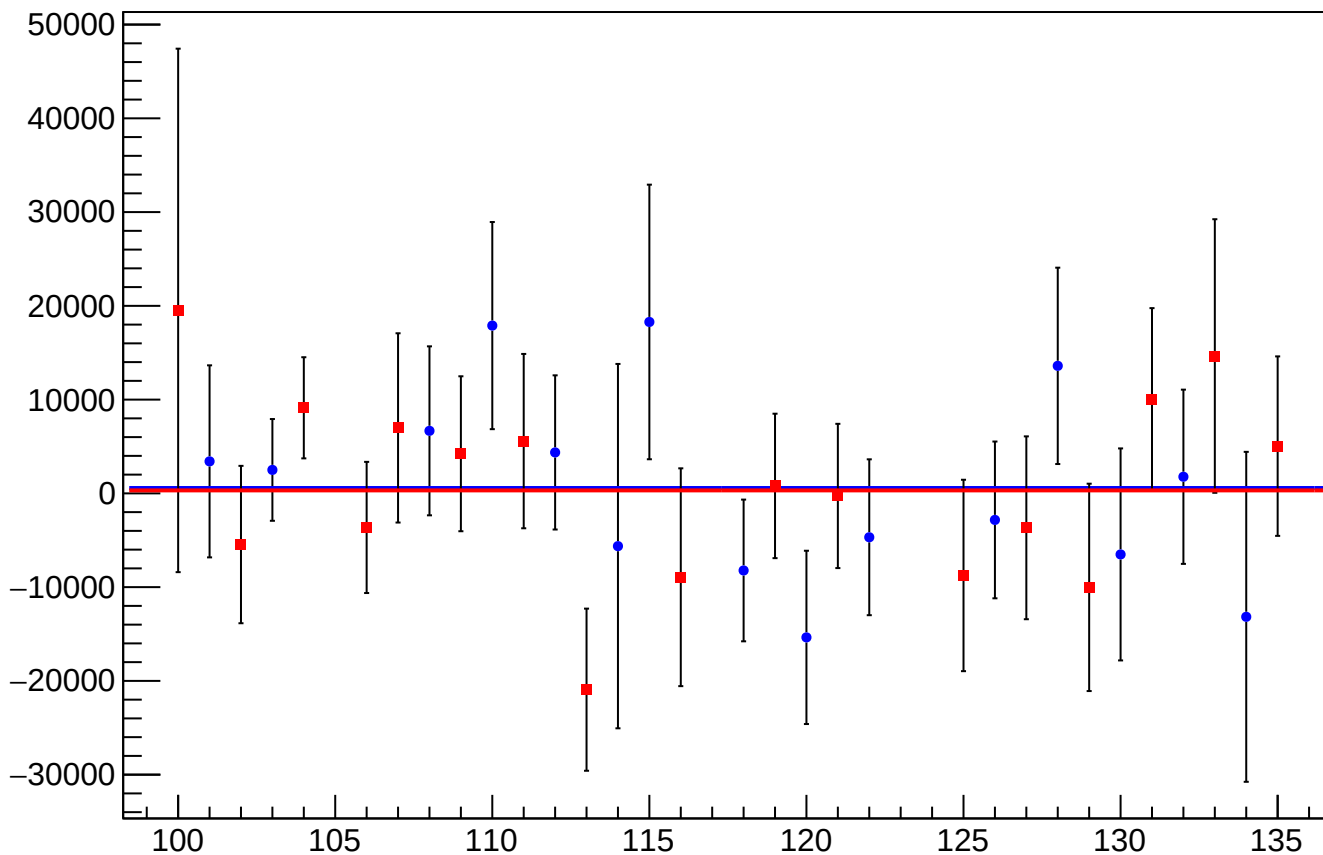
Right Out: 1432.622+/-0.390 χ^2/NDF : 360997.0/16

All: 1433.025+/-0.283 χ^2/NDF : 889157.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_mean vs Slug



Right In: 570.880 $\pm$ 2384.549 χ^2 /NDF: 12.4/14

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

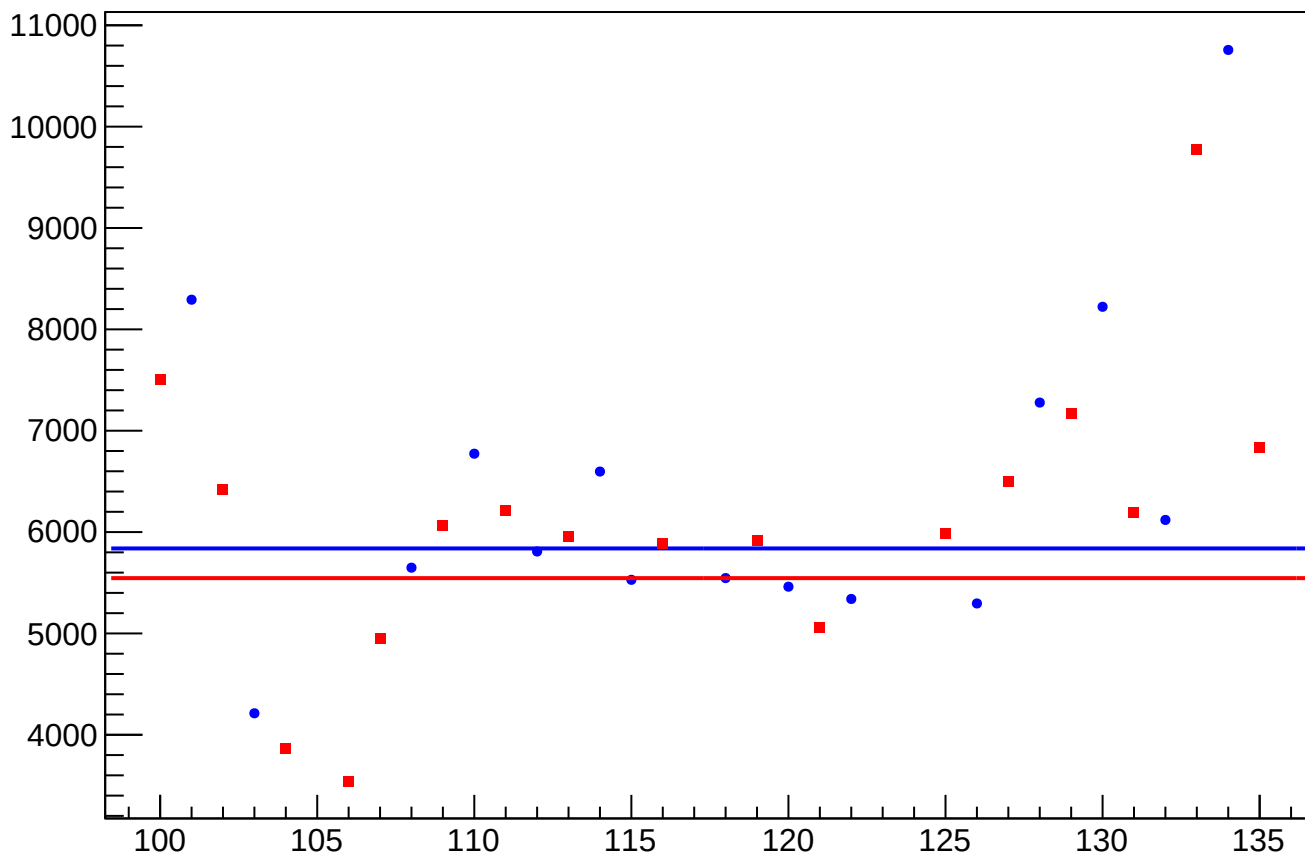
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.501 $\pm$ 1598.886 χ^2 /NDF: 28.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_cor_correction_rms vs Slug



Right In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

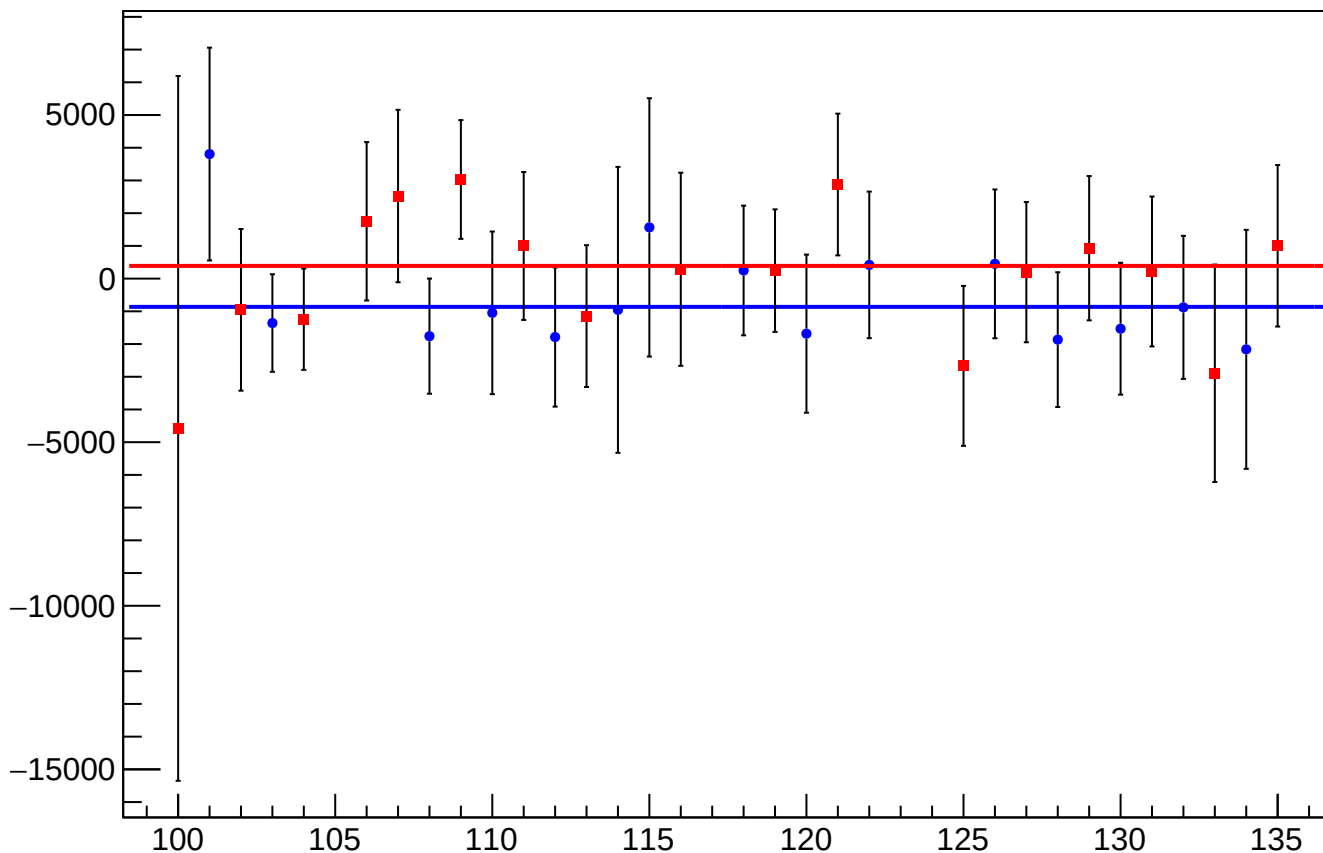
Right Out: 5545.691+/-1.524 χ^2/NDF : 711982.6/16

All: 5677.405+/-1.131 χ^2/NDF : 1349023.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -863.995 ± 582.144 χ^2/NDF : 4.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 388.240 ± 553.410 χ^2/NDF : 9.3/16

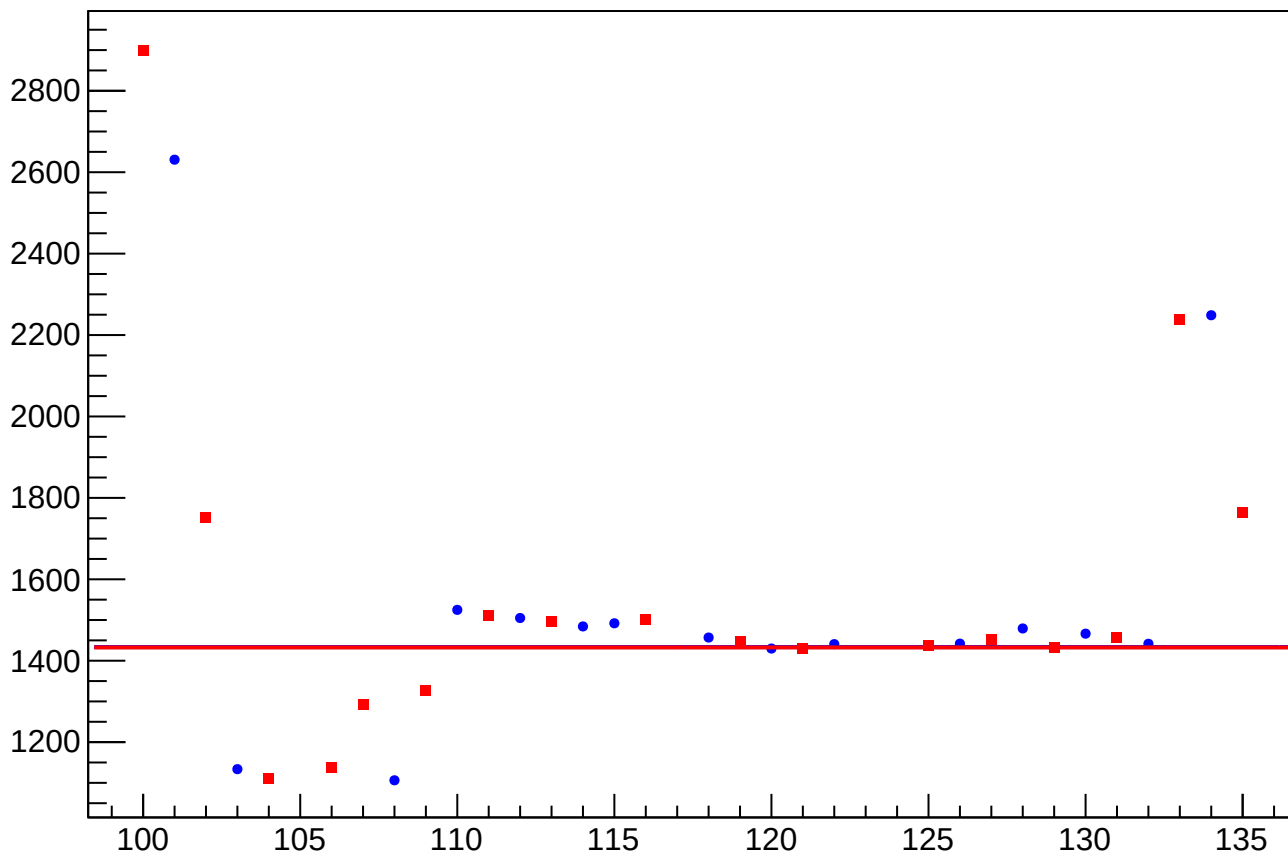
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -206.211 ± 401.093 χ^2/NDF : 16.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1433.474+/-0.412 χ^2/NDF : 528157.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

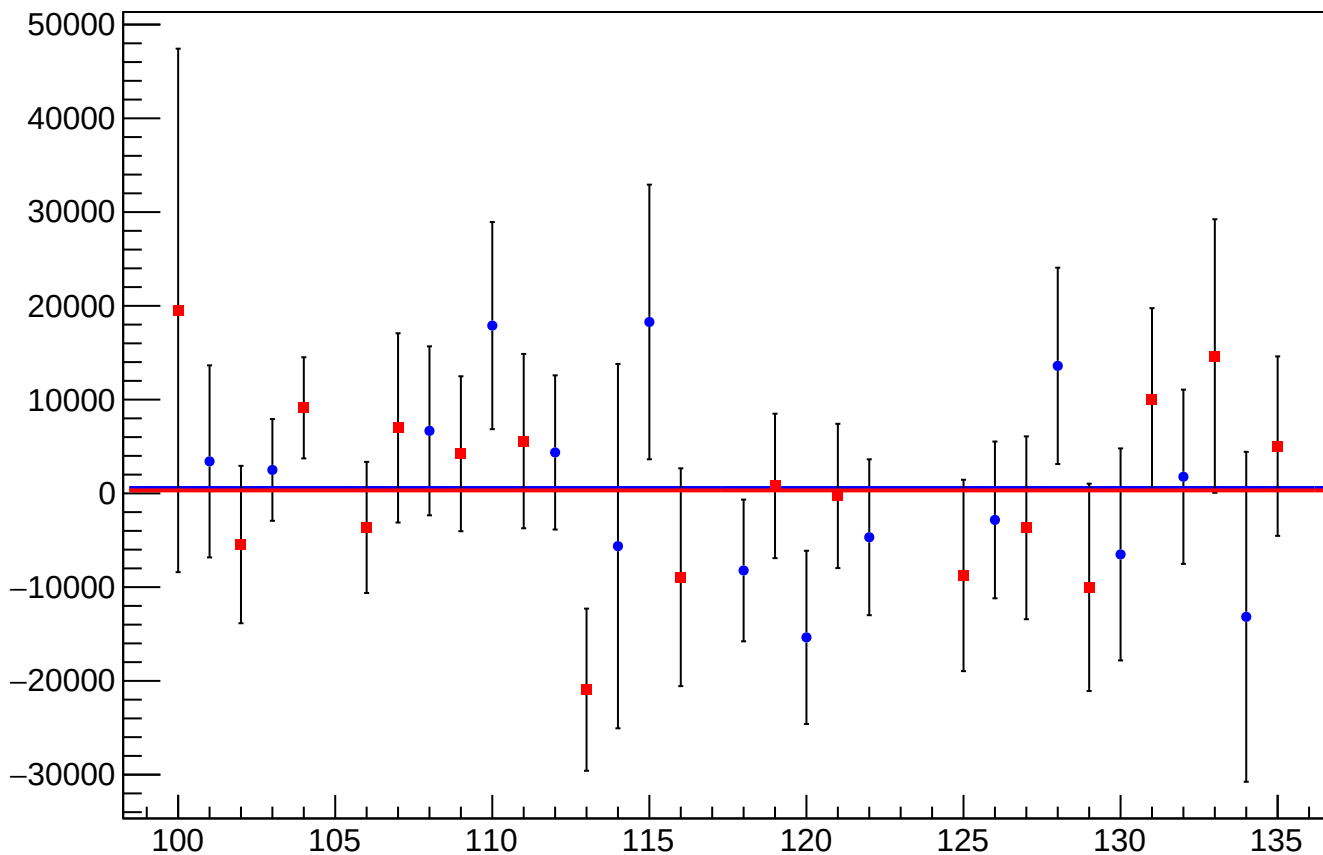
Right Out: 1432.622+/-0.390 χ^2/NDF : 360997.0/16

All: 1433.025+/-0.283 χ^2/NDF : 889157.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: 570.880 $\pm$ 2384.549 χ^2 /NDF: 12.4/14

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

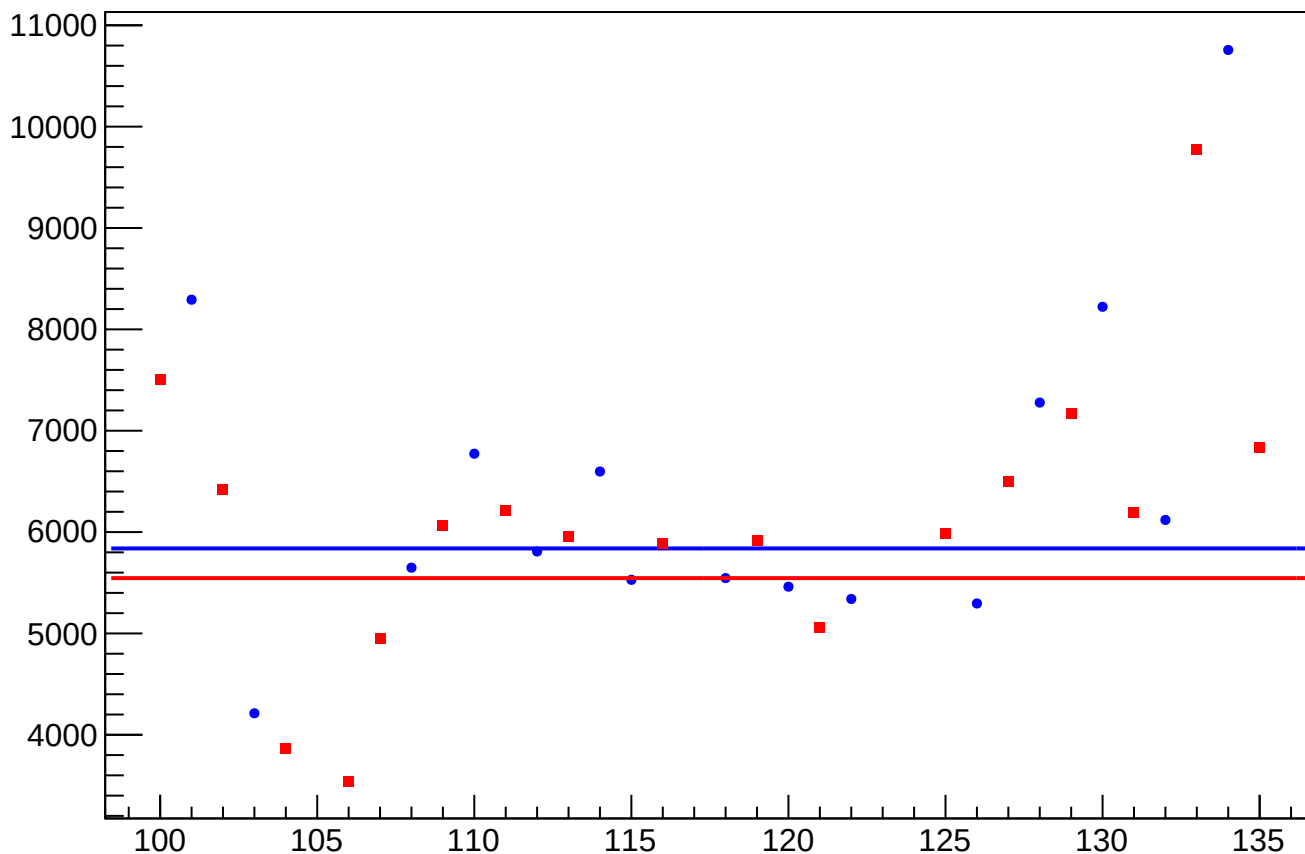
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 432.501 $\pm$ 1598.886 χ^2 /NDF: 28.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 5838.652+/-1.686 χ^2/NDF : 620425.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5545.691+/-1.524 χ^2/NDF : 711982.6/16

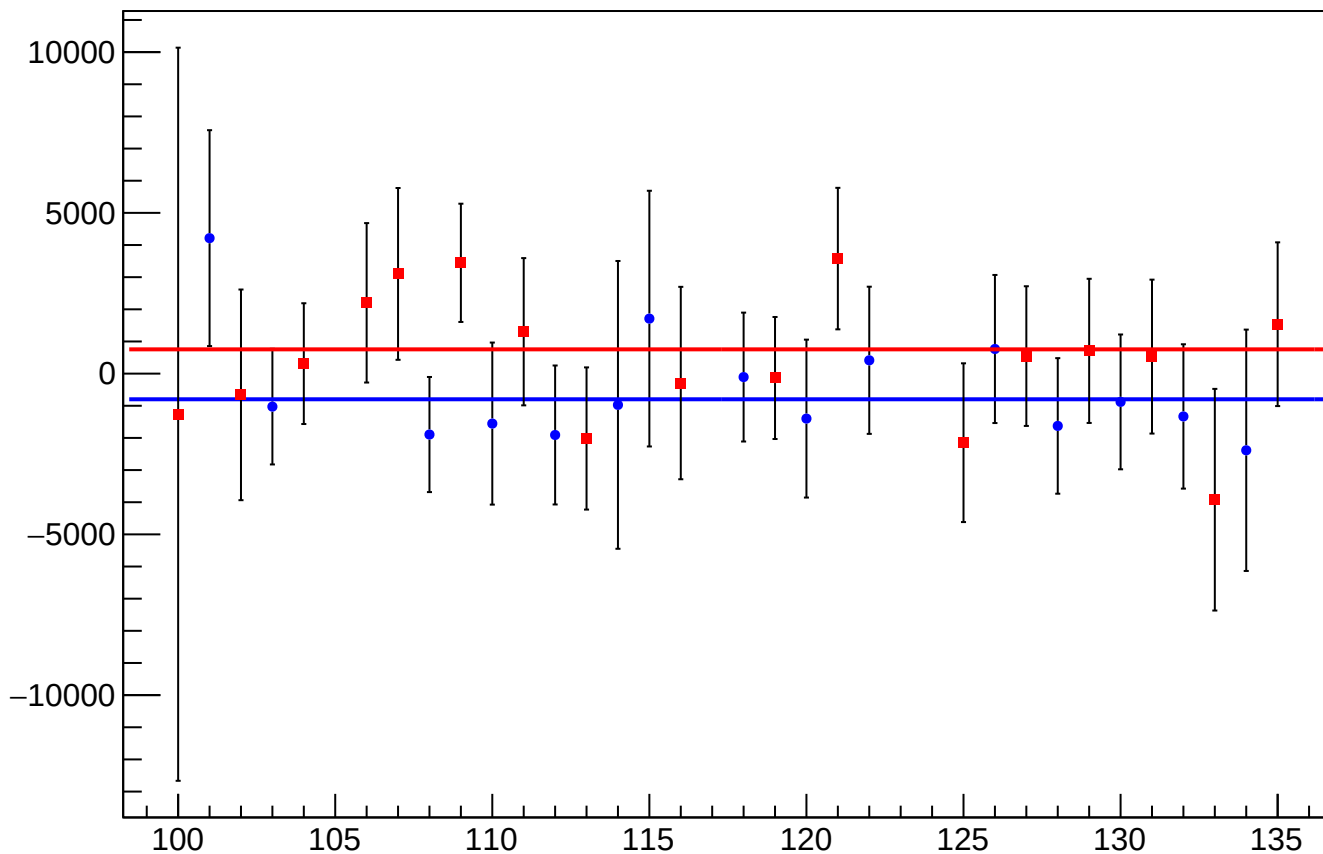
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5677.405+/-1.131 χ^2/NDF : 1349023.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -798.018 $\pm$ 607.415 χ^2 /NDF: 4.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 754.884 $\pm$ 581.084 χ^2 /NDF: 10.5/16

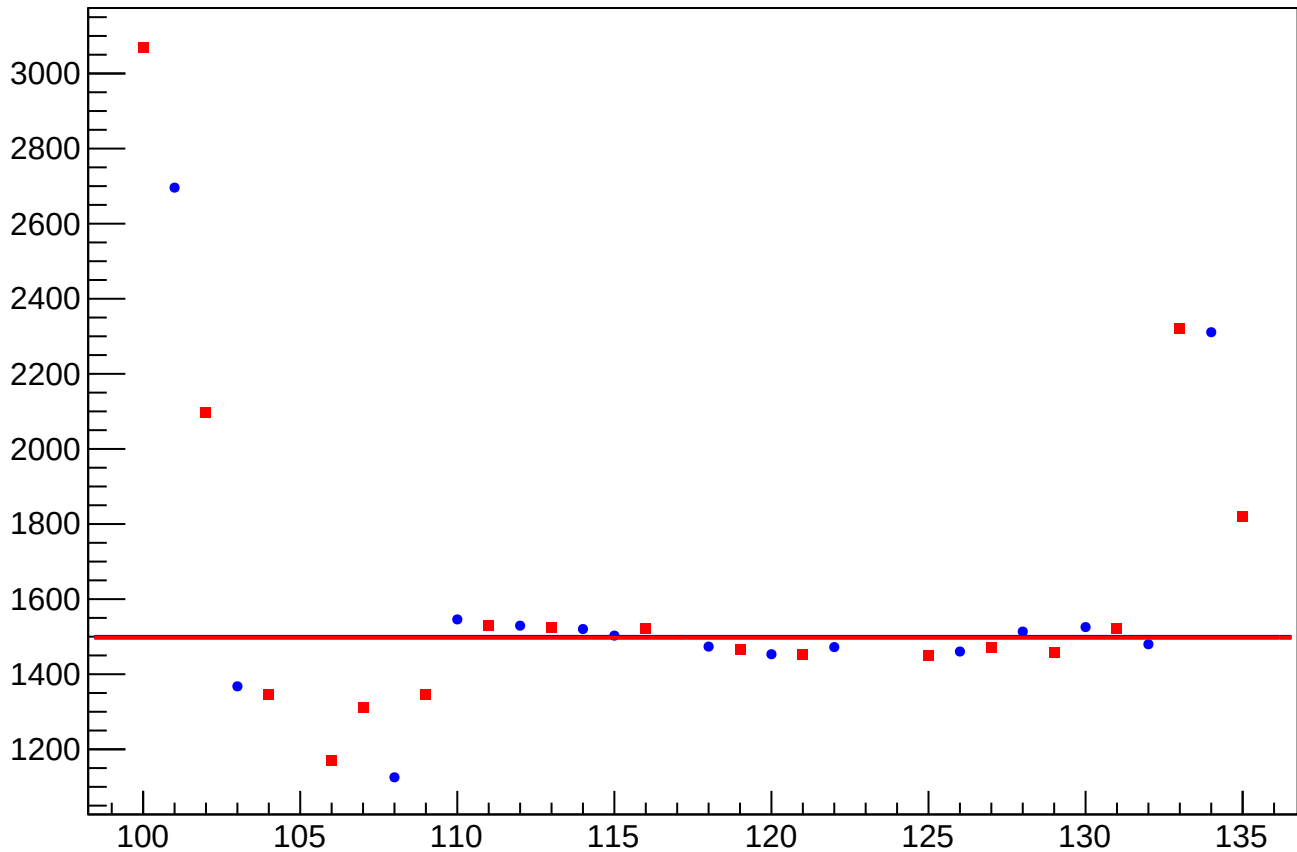
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.821 $\pm$ 419.889 χ^2 /NDF: 18.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1499.384+/-0.430 χ^2/NDF : 449007.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.031+/-0.411 χ^2/NDF : 326612.1/16

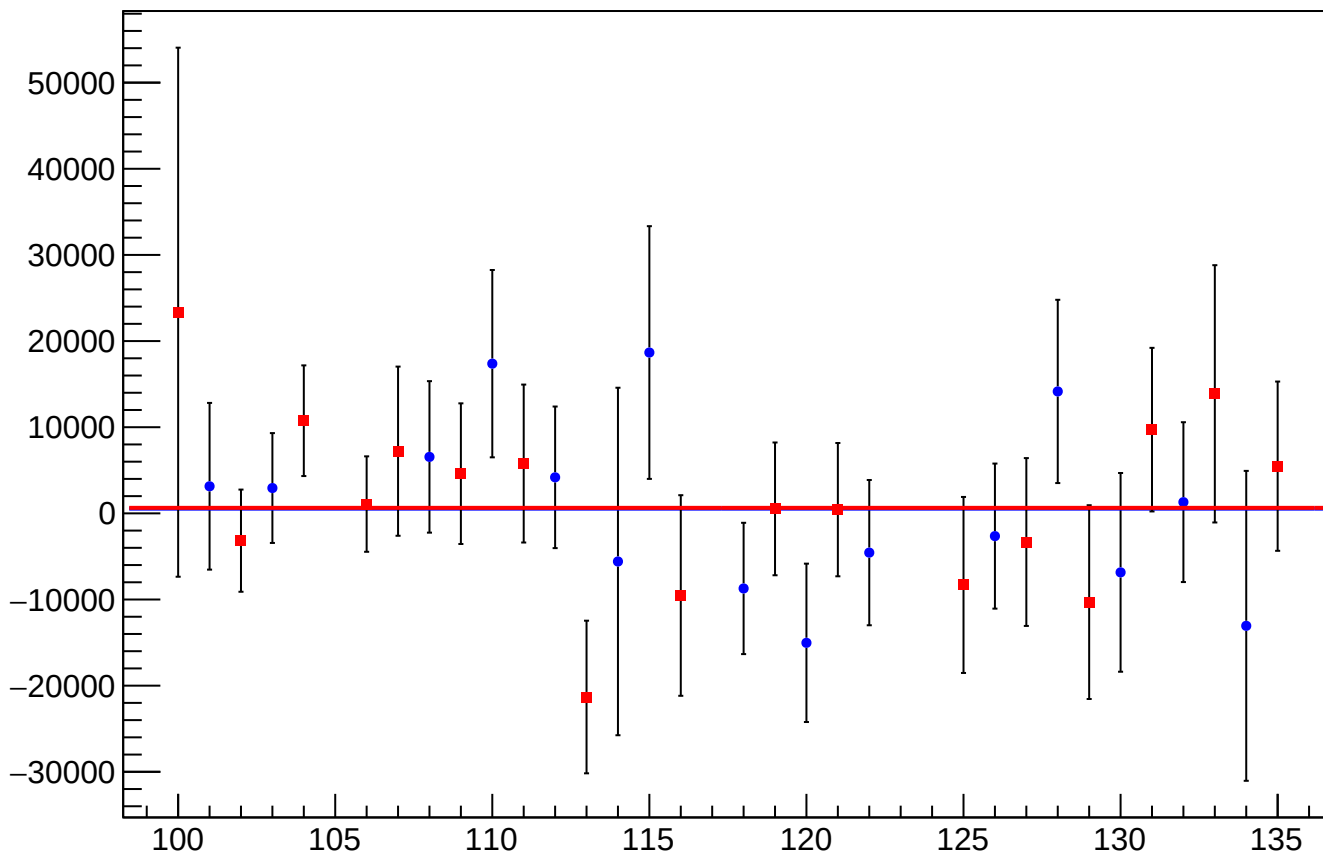
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.155+/-0.297 χ^2/NDF : 775635.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_mean vs Slug



Right In: 550.177+/-2447.944 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.920+/-2079.622 χ^2/NDF : 15.2/16

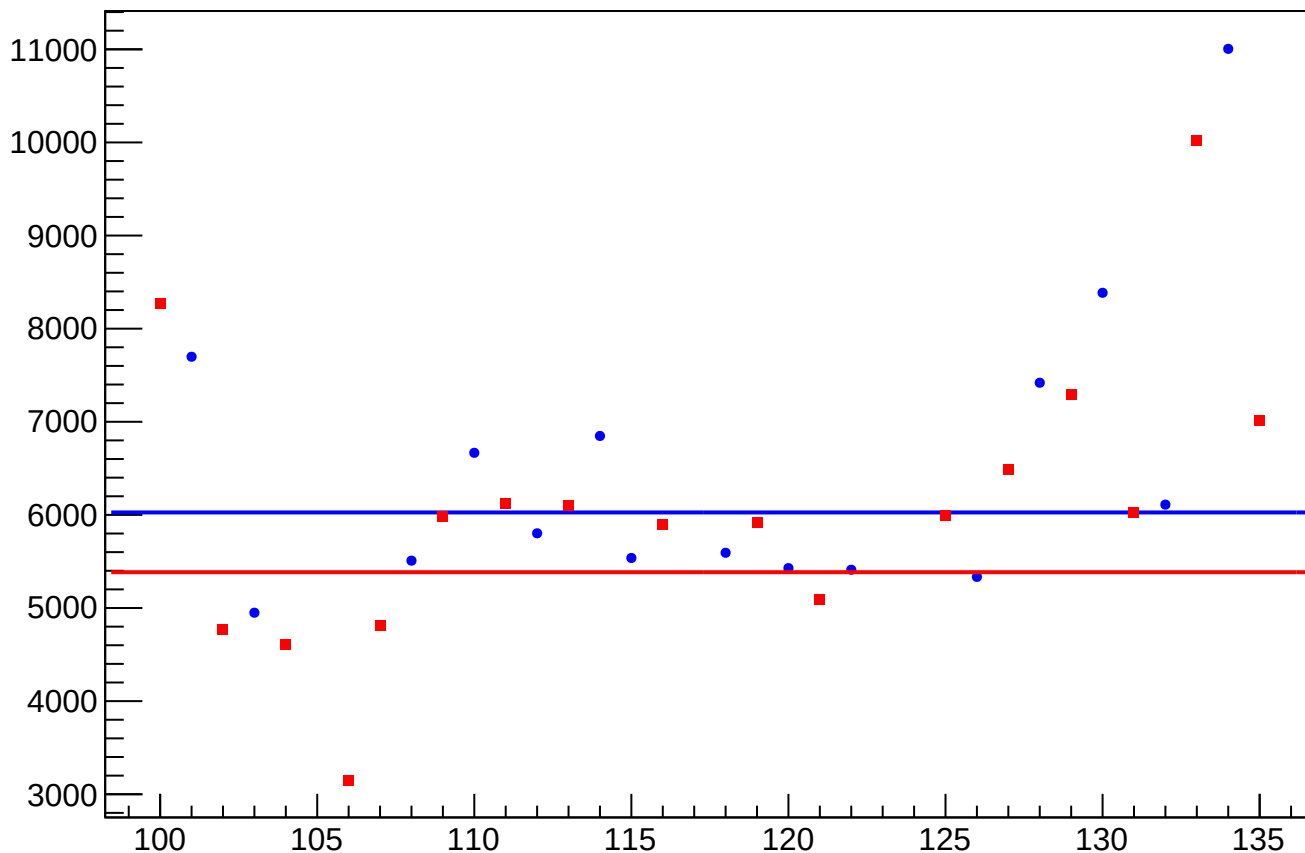
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 602.301+/-1584.907 χ^2/NDF : 27.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_correction_rms vs Slug



Right In: 6026.235+/-1.731 χ^2 /NDF: 448078.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

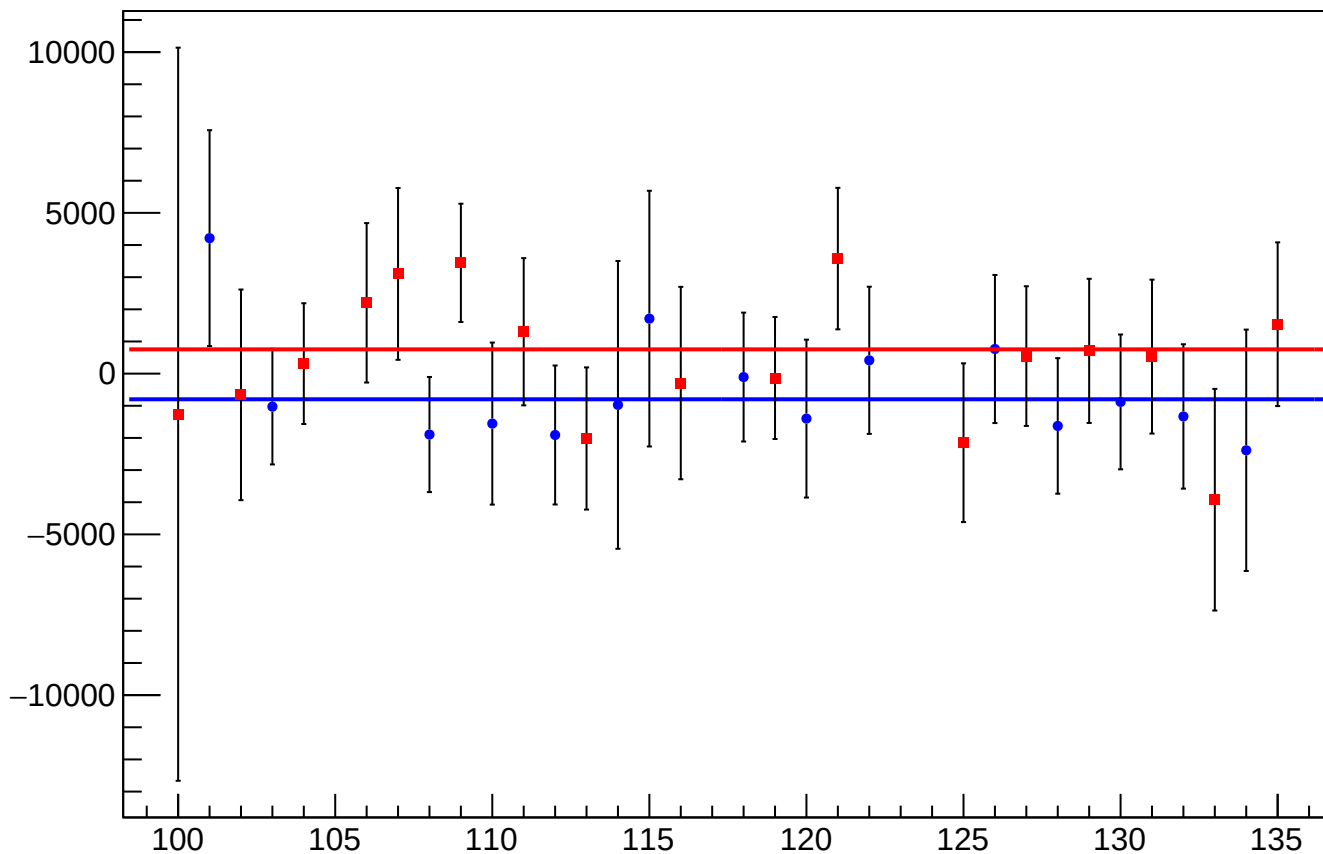
Right Out: 5384.712+/-1.471 χ^2 /NDF: 801962.1/16

All: 5653.628+/-1.121 χ^2 /NDF: 1329820.5/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -798.021+/-607.415 χ^2/NDF : 4.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 754.895+/-581.084 χ^2/NDF : 10.5/16

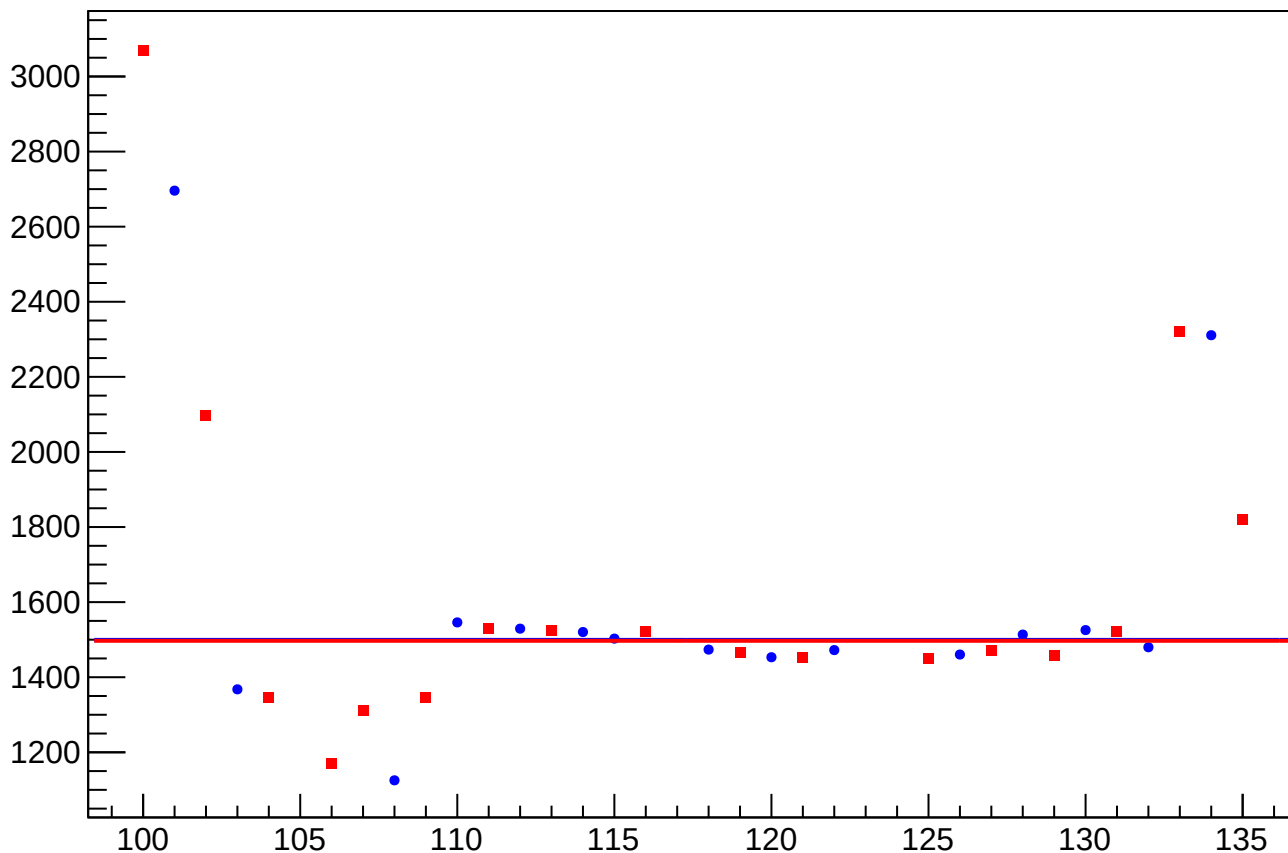
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.825+/-419.889 χ^2/NDF : 18.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 1499.384+/-0.430 χ^2/NDF : 449007.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1497.031+/-0.411 χ^2/NDF : 326612.4/16

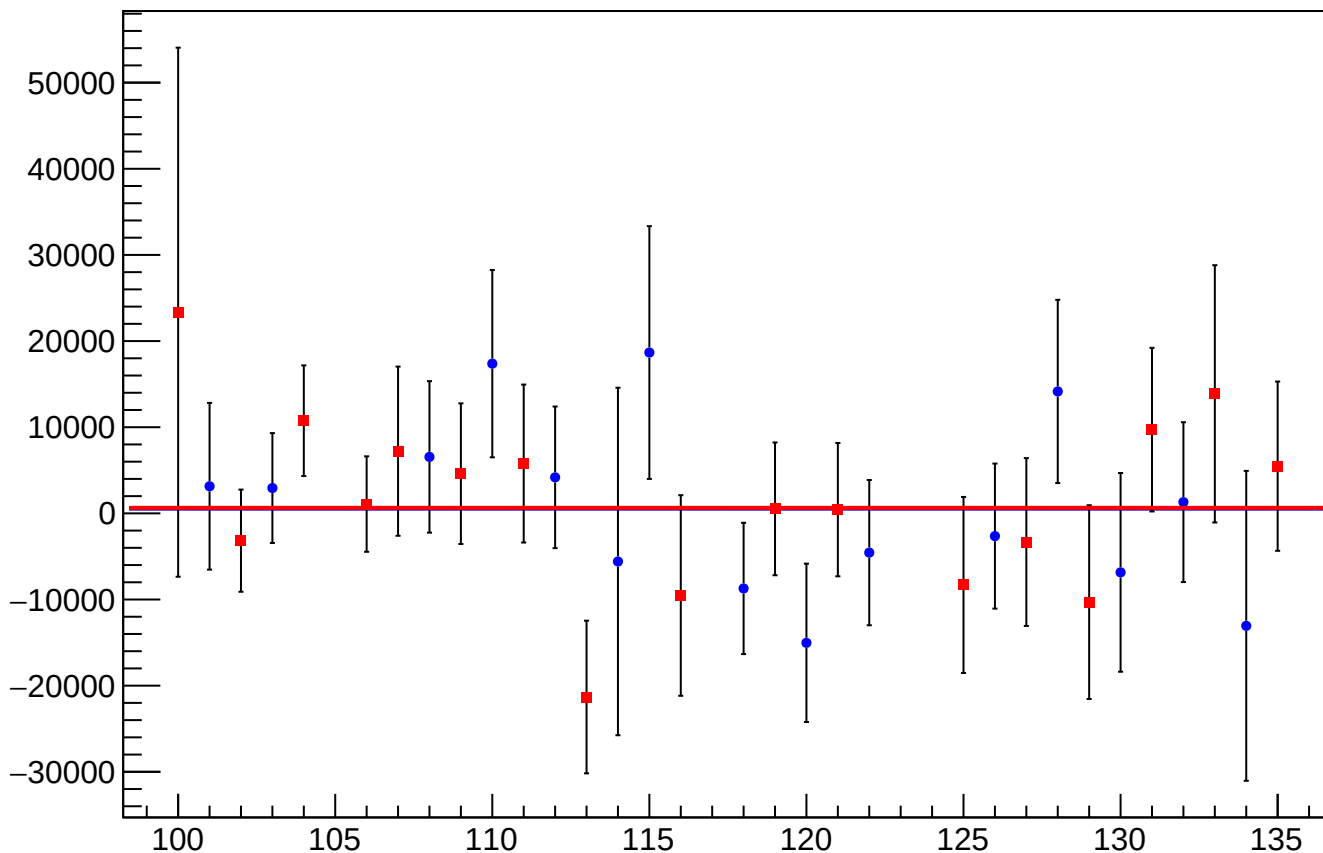
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1498.155+/-0.297 χ^2/NDF : 775635.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 550.168 $\pm$ 2447.937 χ^2 /NDF: 12.4/14

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

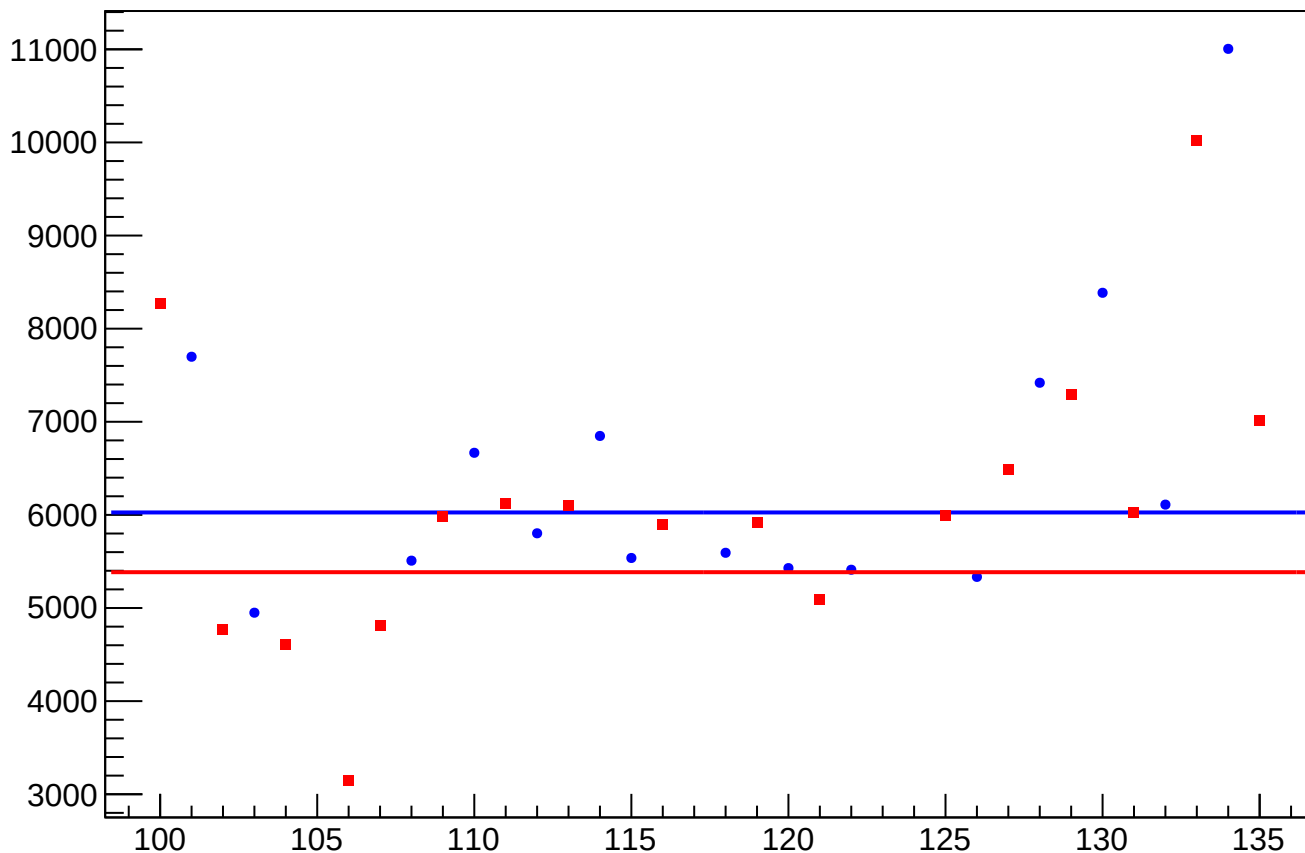
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 602.300 $\pm$ 1584.903 χ^2 /NDF: 27.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 6026.220+/-1.731 χ^2/NDF : 448079.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

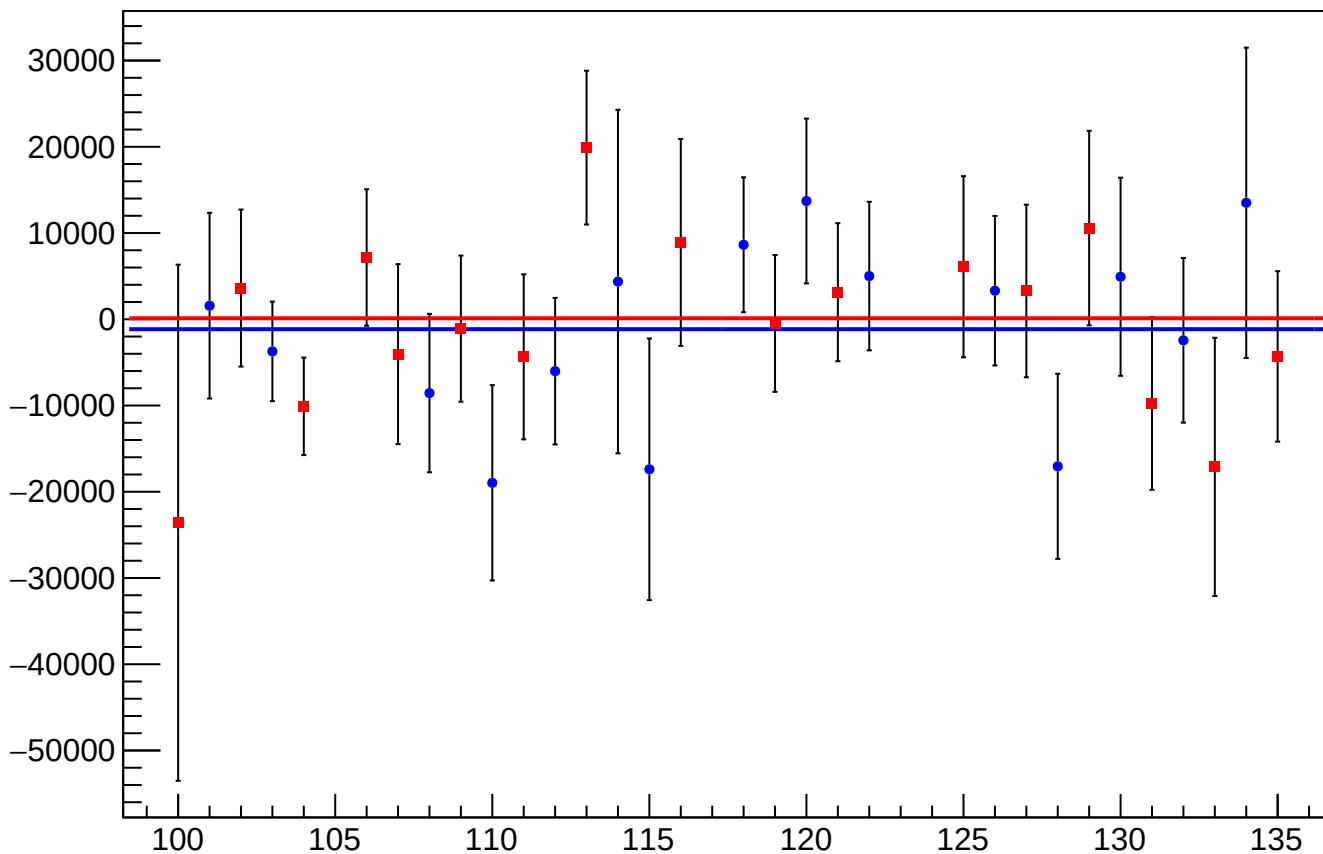
Right Out: 5384.700+/-1.471 χ^2/NDF : 801961.7/16

All: 5653.615+/-1.121 χ^2/NDF : 1329819.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_mean vs Slug



Right In: -1149.938+/-2473.678 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 118.144+/-2252.524 χ^2/NDF : 14.6/16

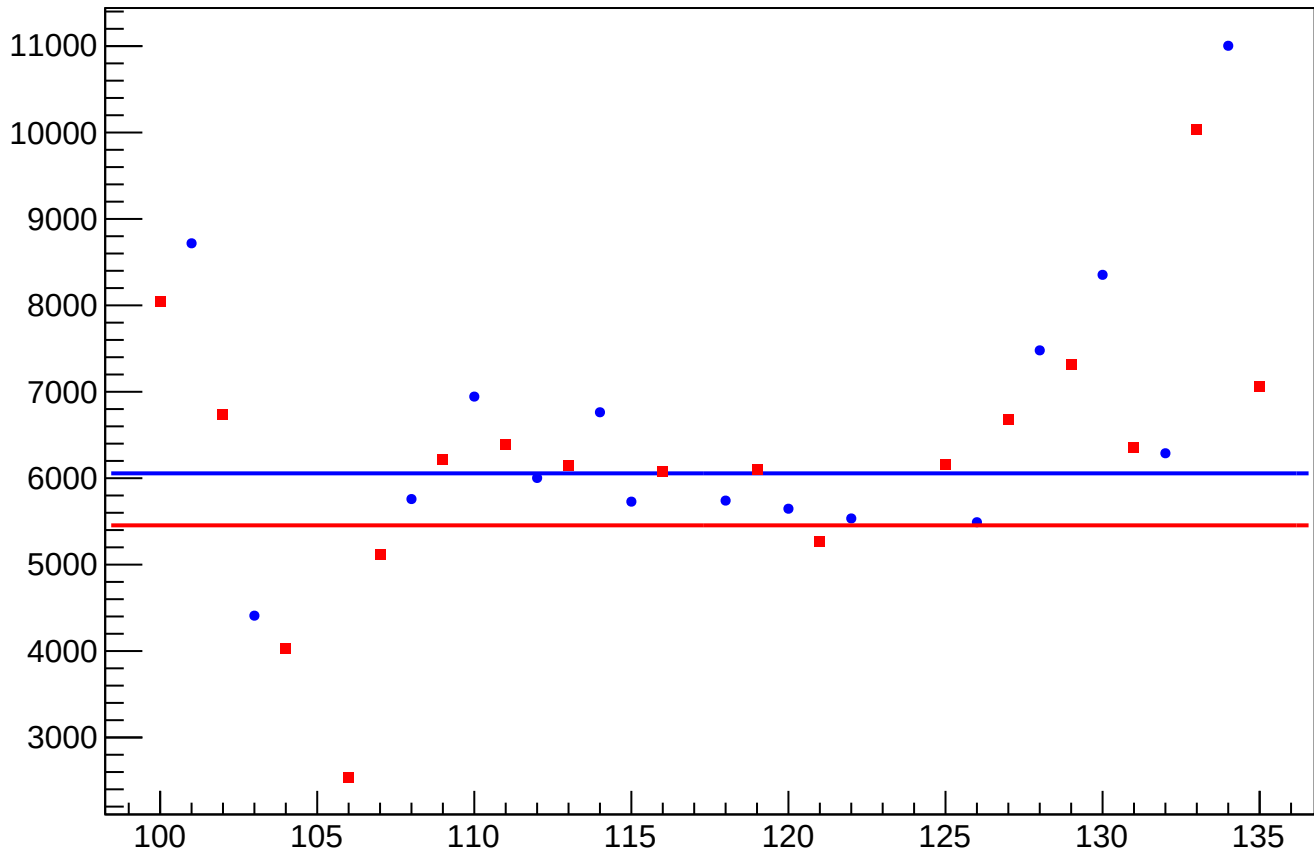
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -456.689+/-1665.484 χ^2/NDF : 27.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_rms vs Slug



Right In: 6056.189 ± 1.749 $\chi^2/\text{NDF}: 593370.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

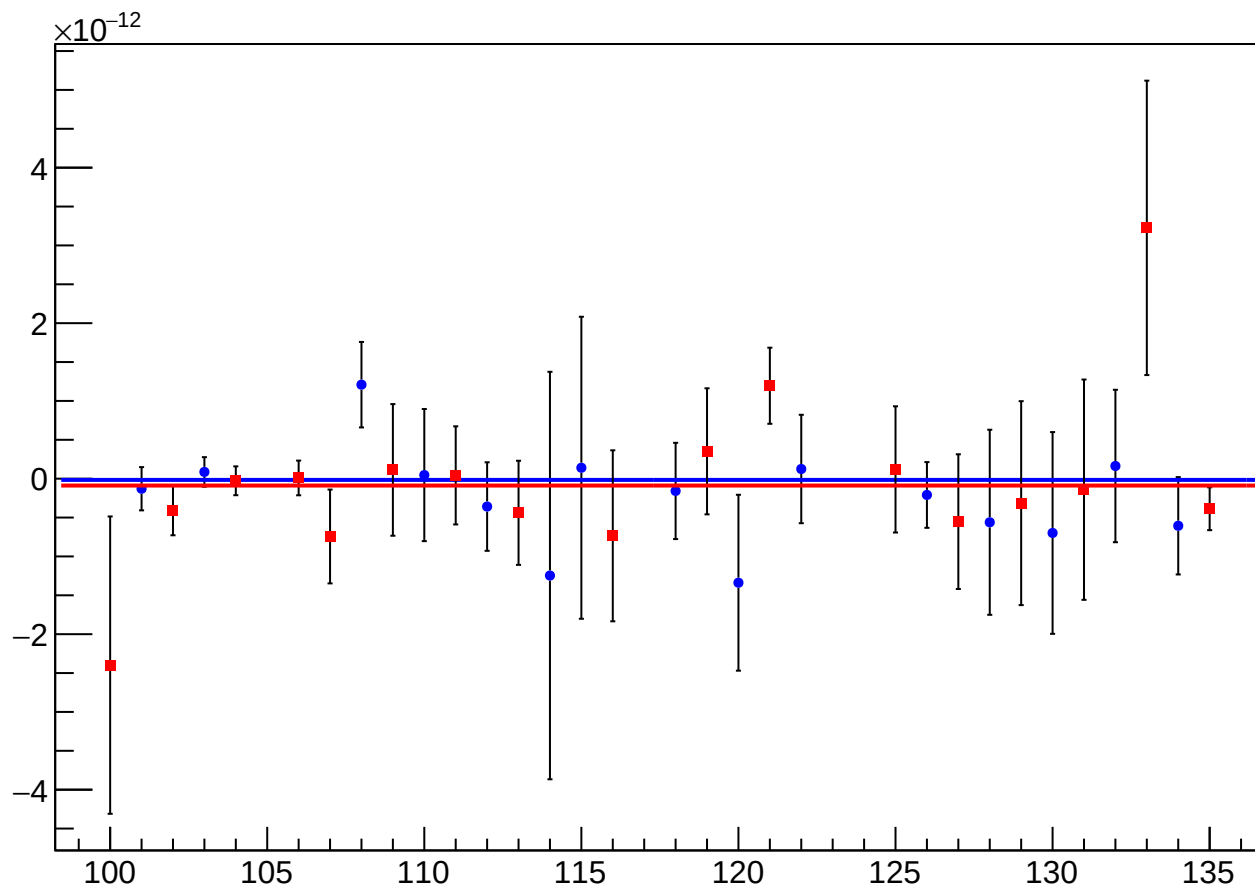
Right Out: 5454.507 ± 1.534 $\chi^2/\text{NDF}: 1130523.1/16$

All: 5716.170 ± 1.153 $\chi^2/\text{NDF}: 1790762.3/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.5/16

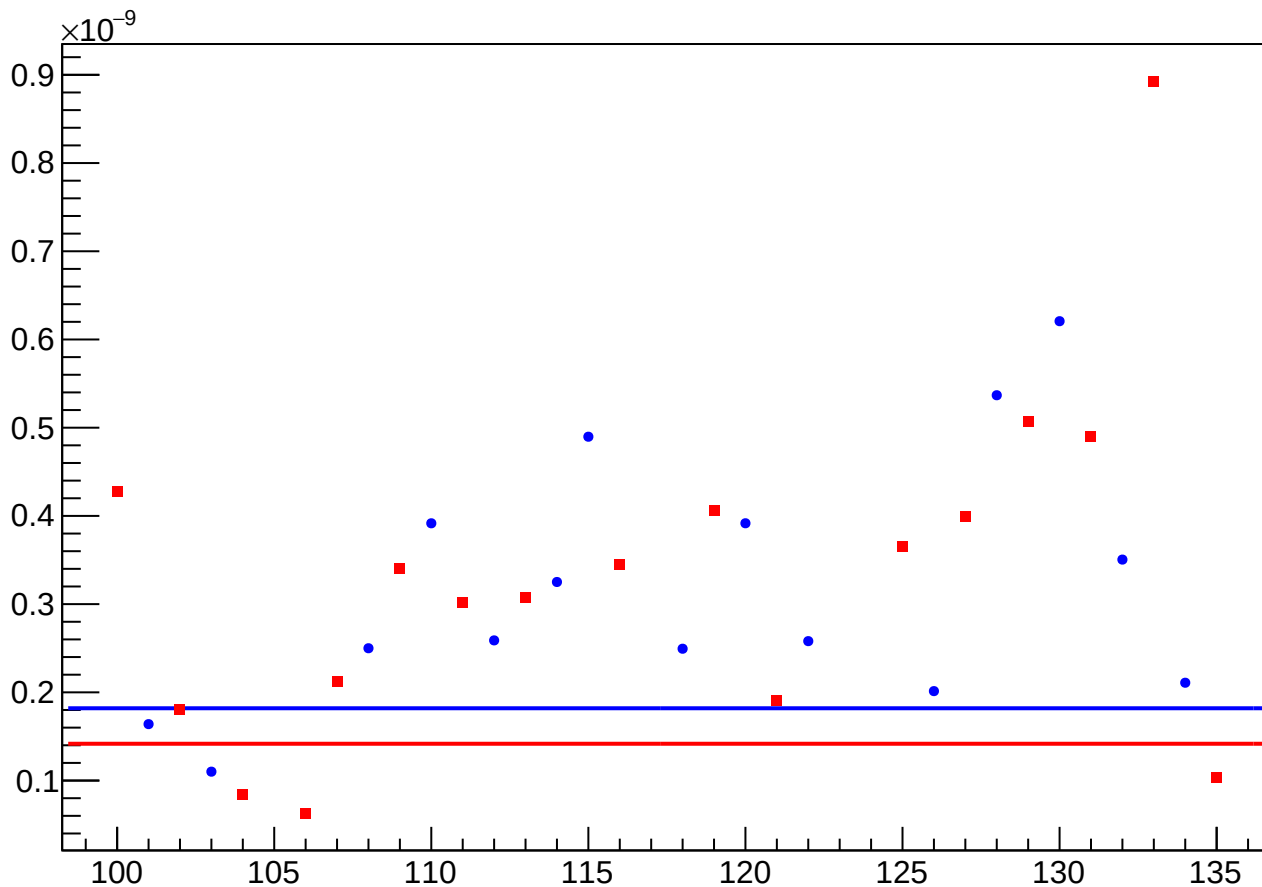
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1129885.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2165159.8/16

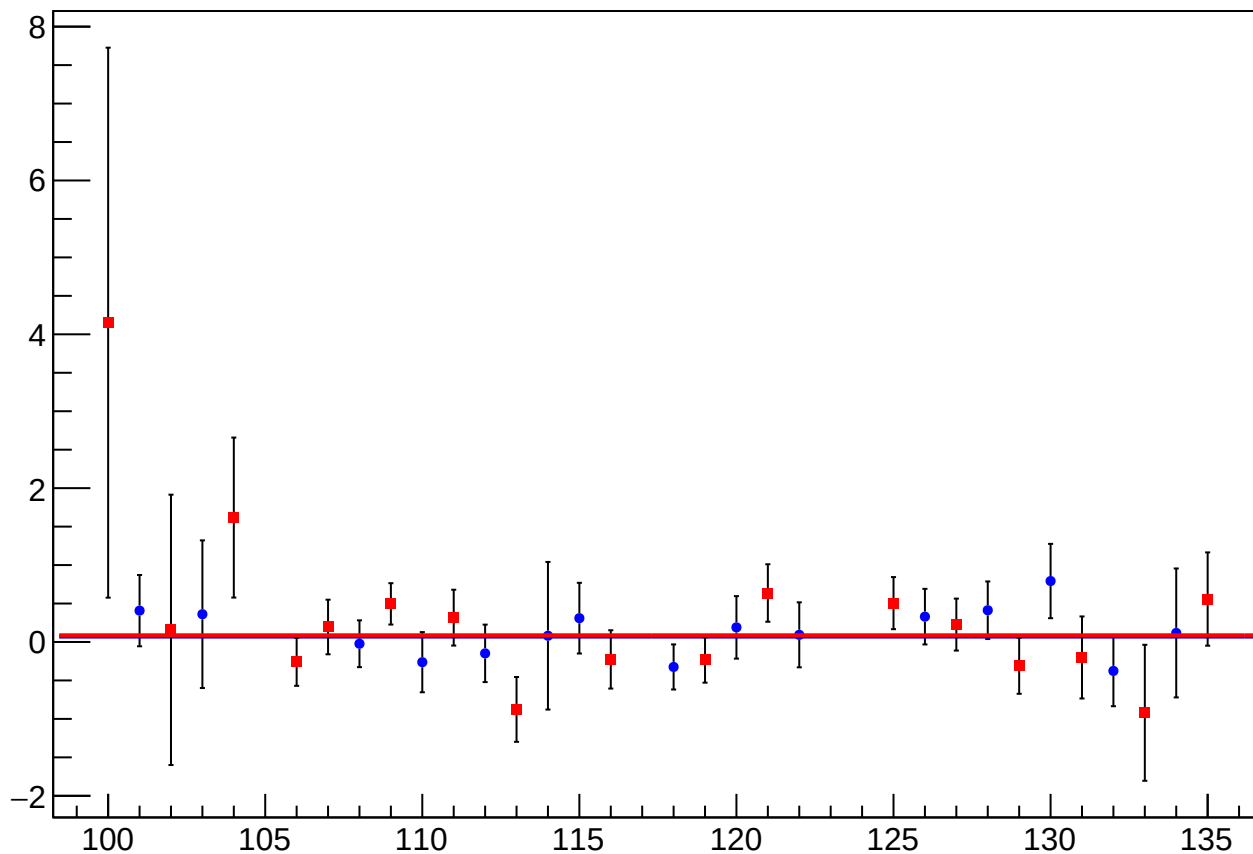
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3418071.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.070+/-0.109 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.098 χ^2/NDF : 21.8/16

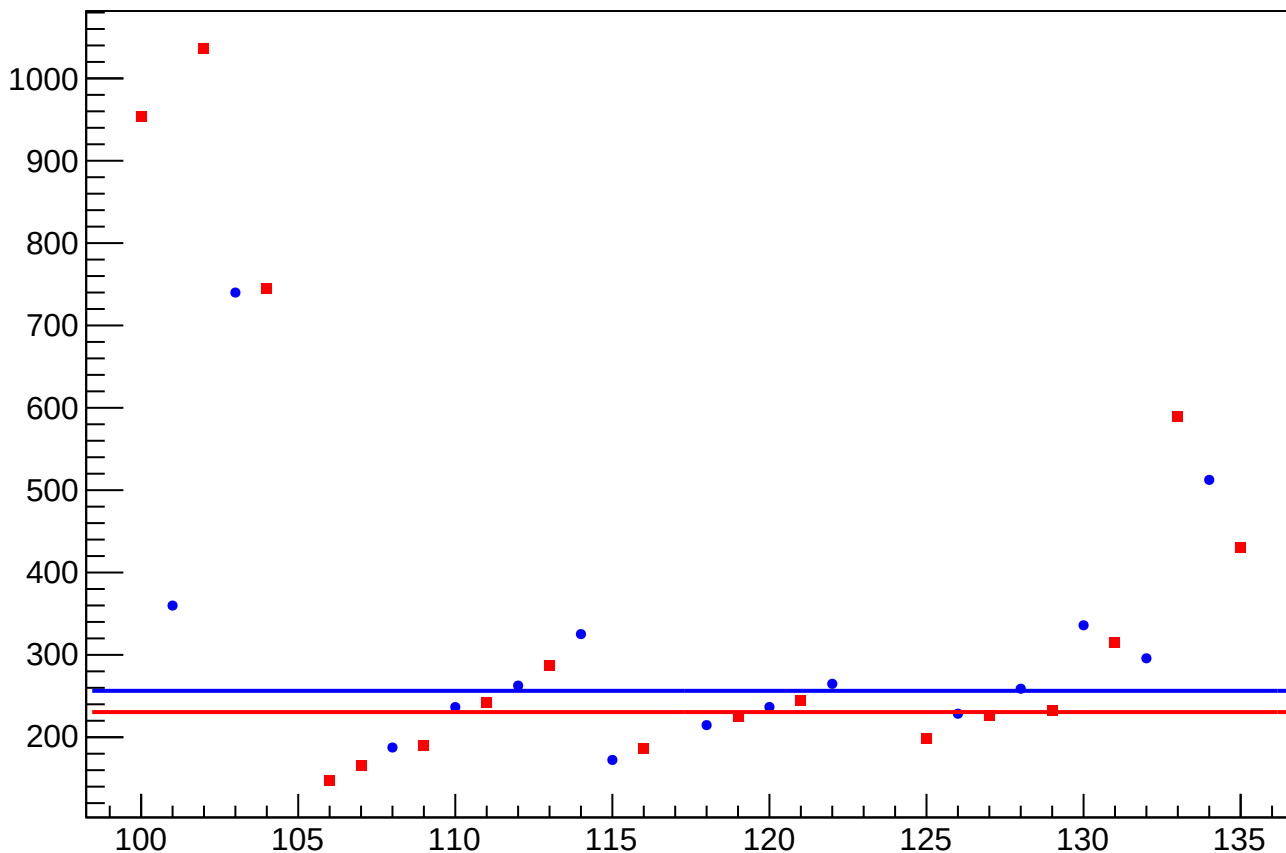
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.073 χ^2/NDF : 30.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 256.350+/-0.077 χ^2/NDF : 1106049.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

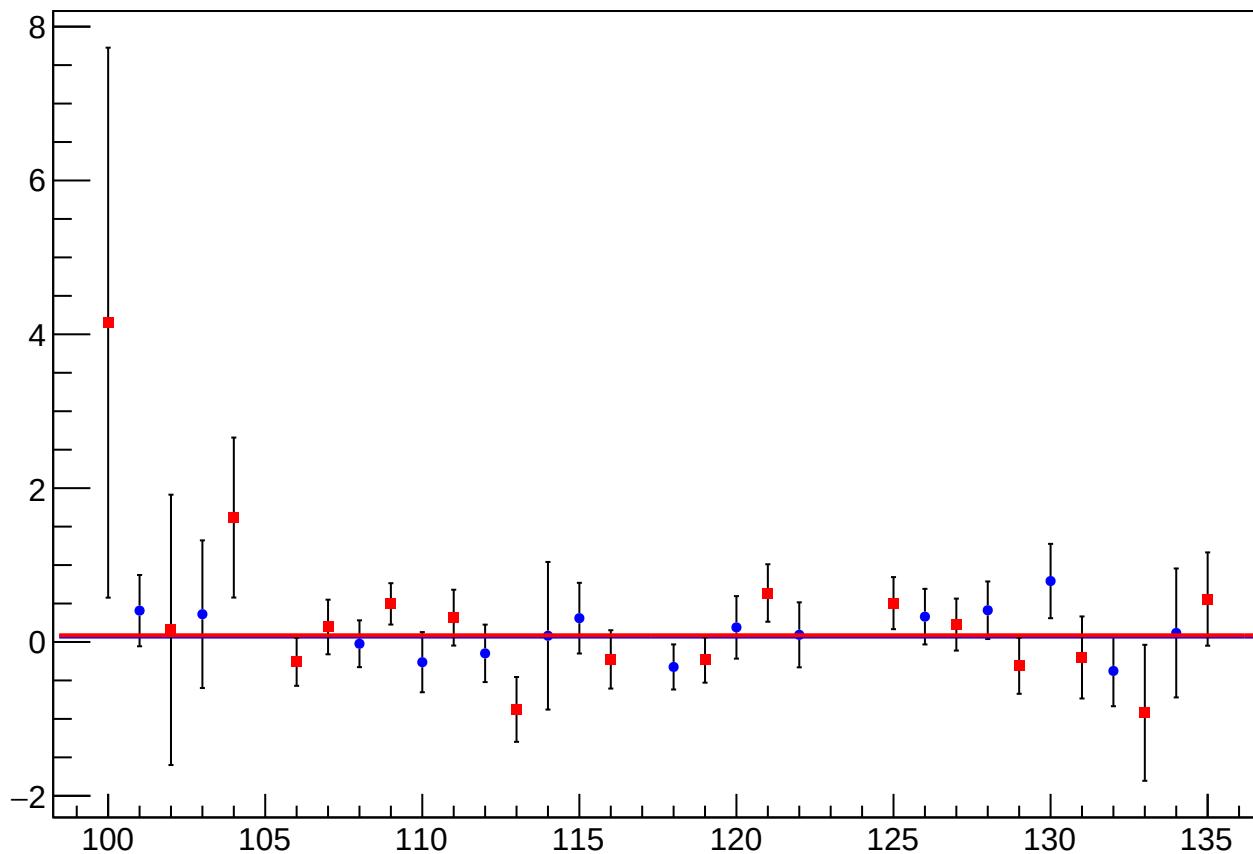
Right Out: 230.565+/-0.069 χ^2/NDF : 1929645.5/16

All: 242.092+/-0.051 χ^2/NDF : 3097906.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

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

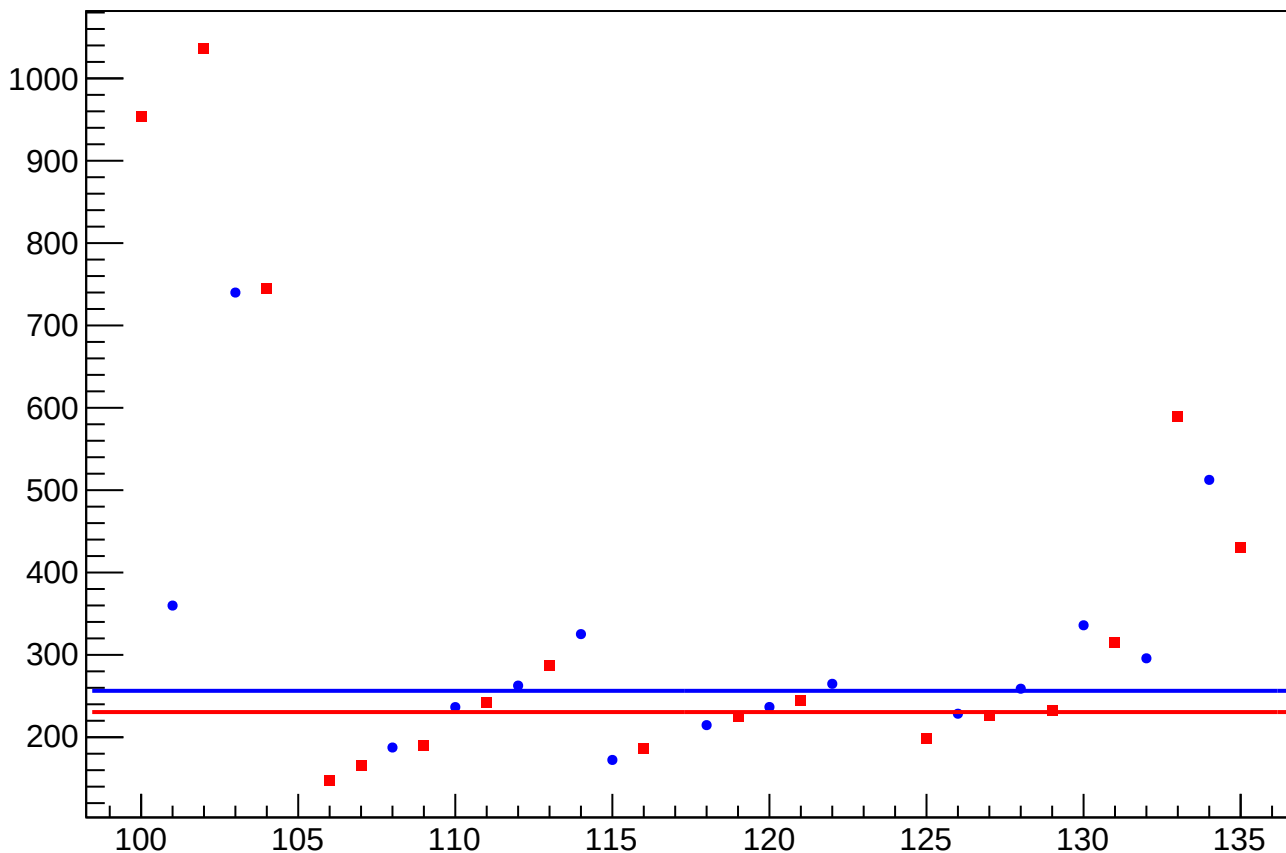
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.080 $\pm$ 0.073 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 256.350+/-0.077 χ^2/NDF : 1106049.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.565+/-0.069 χ^2/NDF : 1929645.5/16

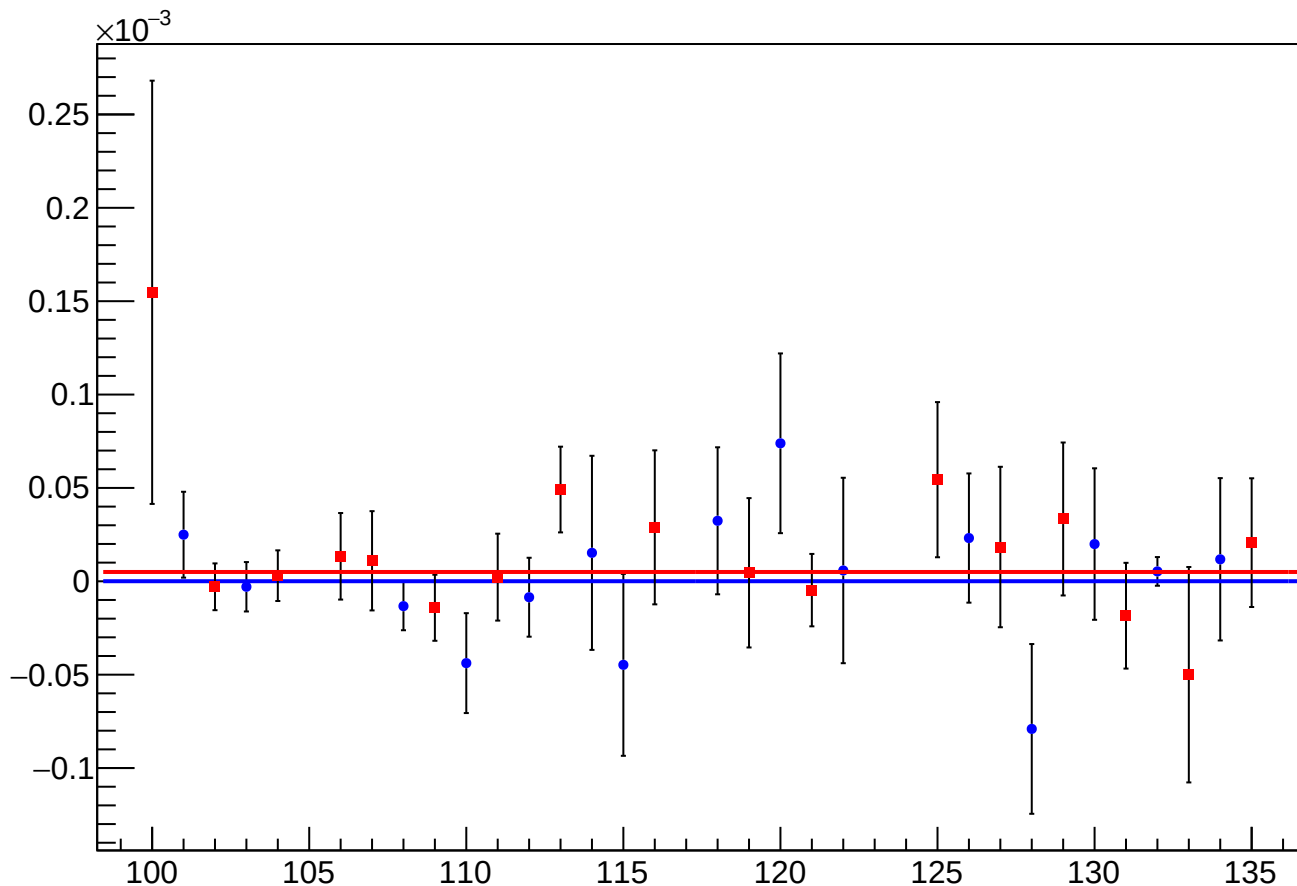
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.092+/-0.051 χ^2/NDF : 3097906.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 11.6/16

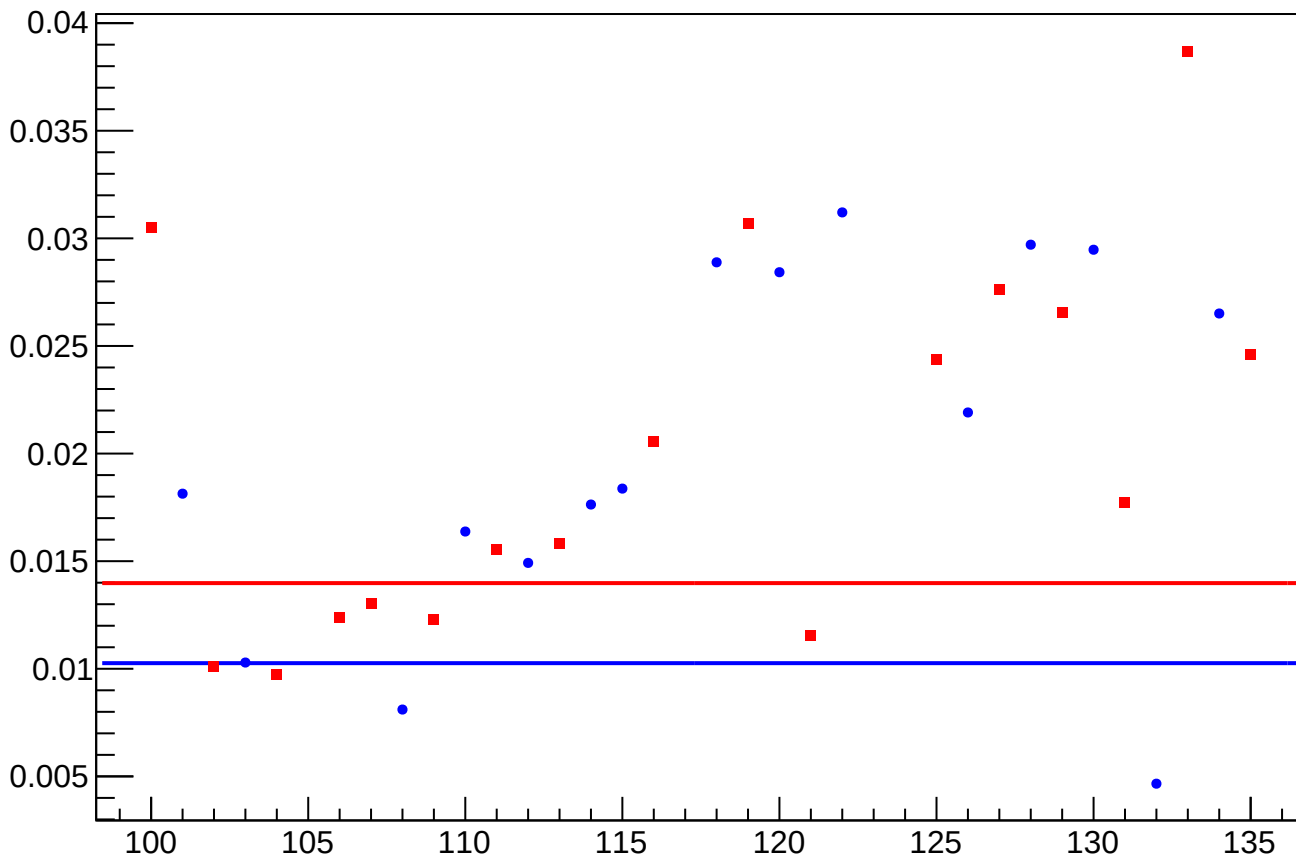
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 25.4/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 4061641.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 2021667.5/16

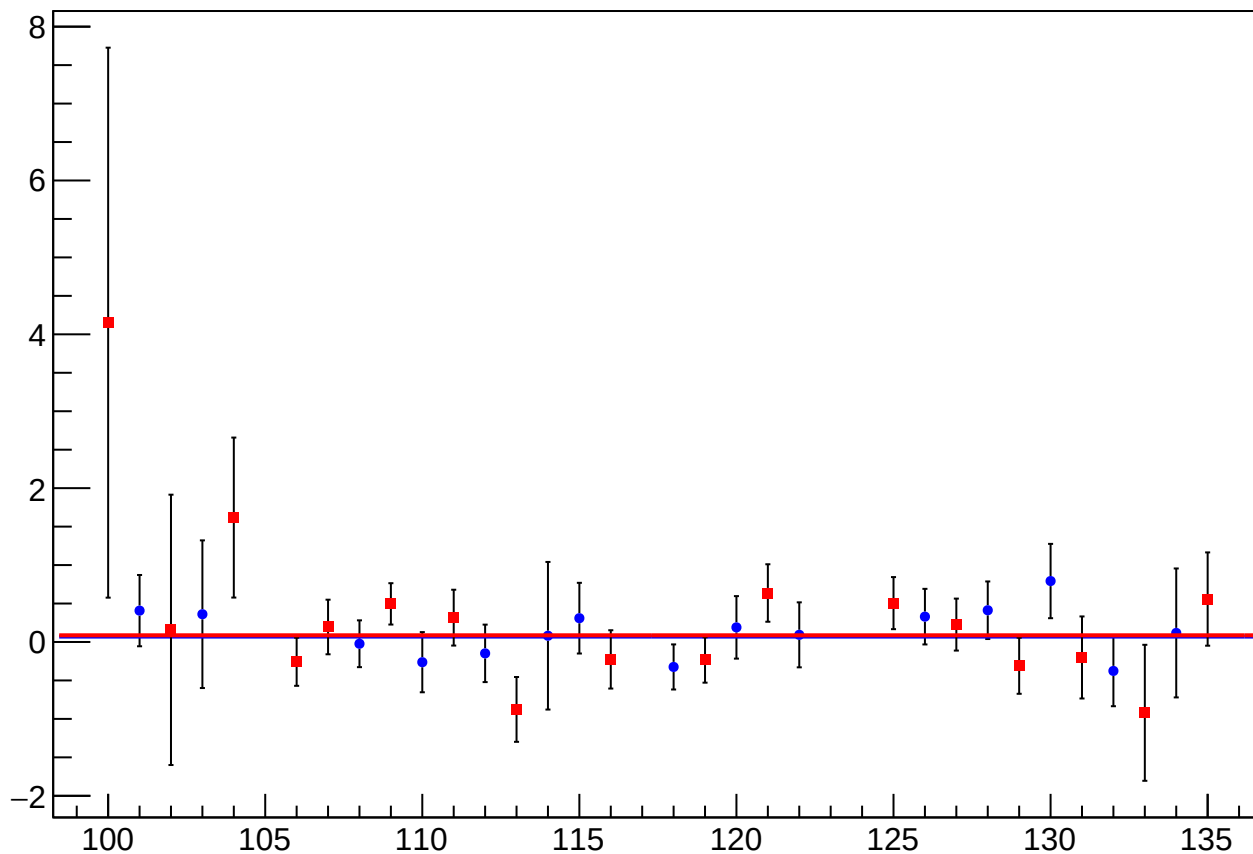
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 6552929.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.070+/-0.109 χ^2/NDF : 8.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.087+/-0.098 χ^2/NDF : 21.8/16

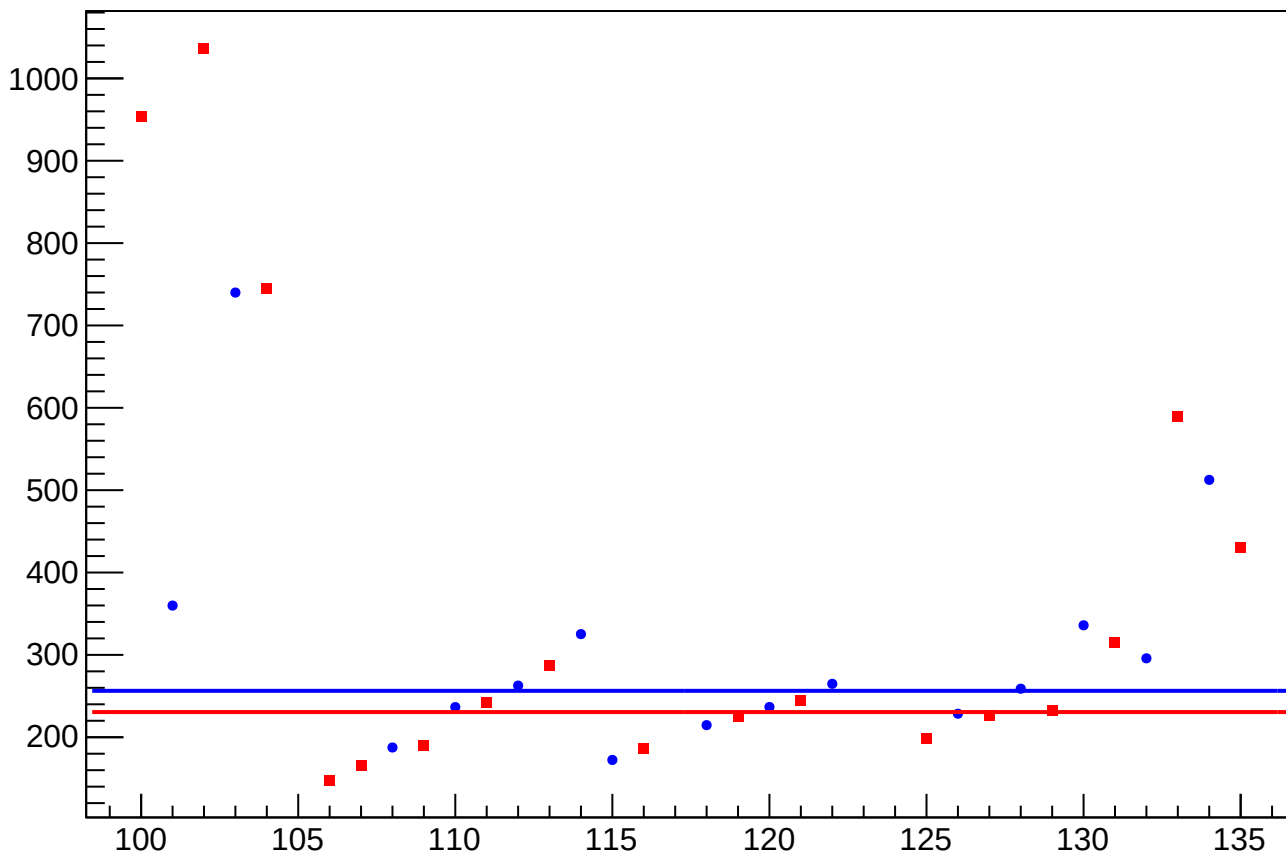
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.080+/-0.073 χ^2/NDF : 30.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 256.349+/-0.077 χ^2/NDF : 1106006.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

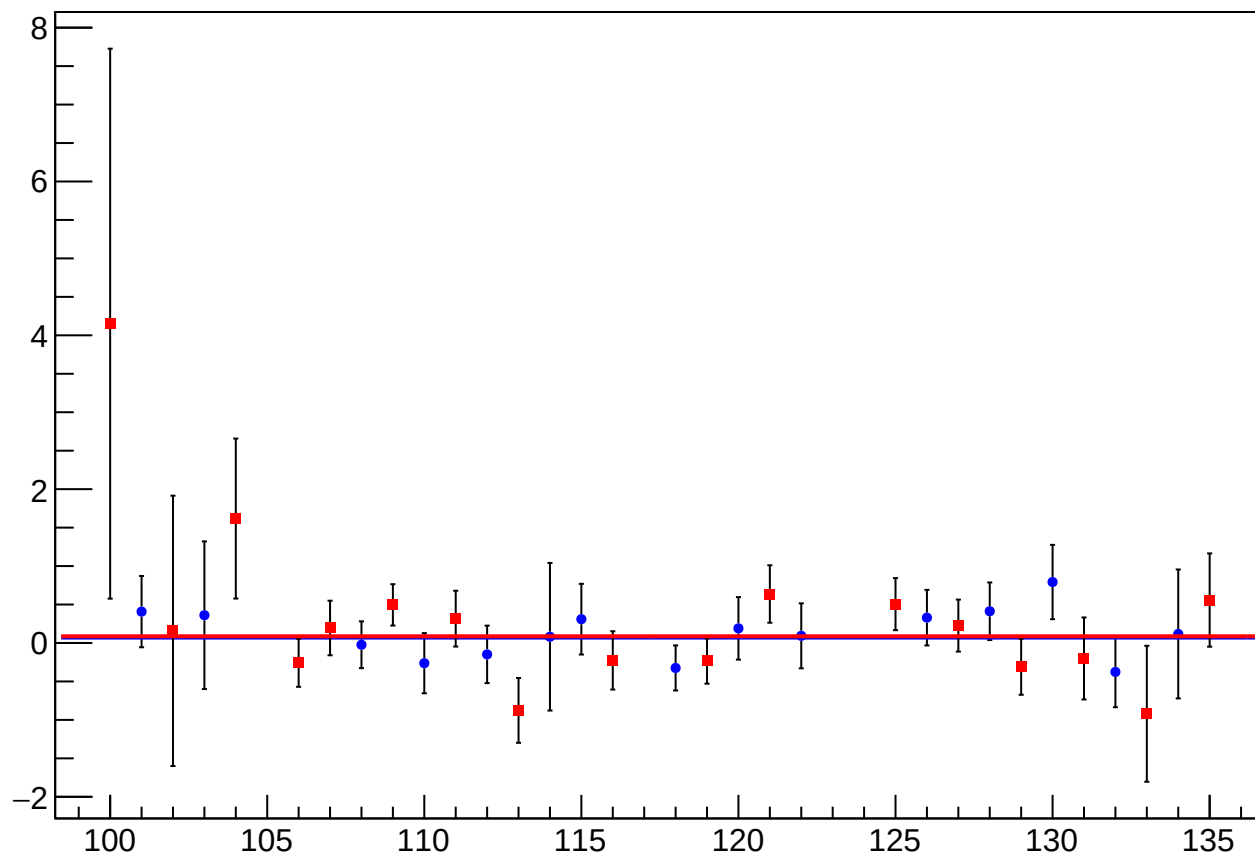
Right Out: 230.566+/-0.069 χ^2/NDF : 1929633.7/16

All: 242.092+/-0.051 χ^2/NDF : 3097847.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.070 $\pm$ 0.109 χ^2 /NDF: 8.5/14

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

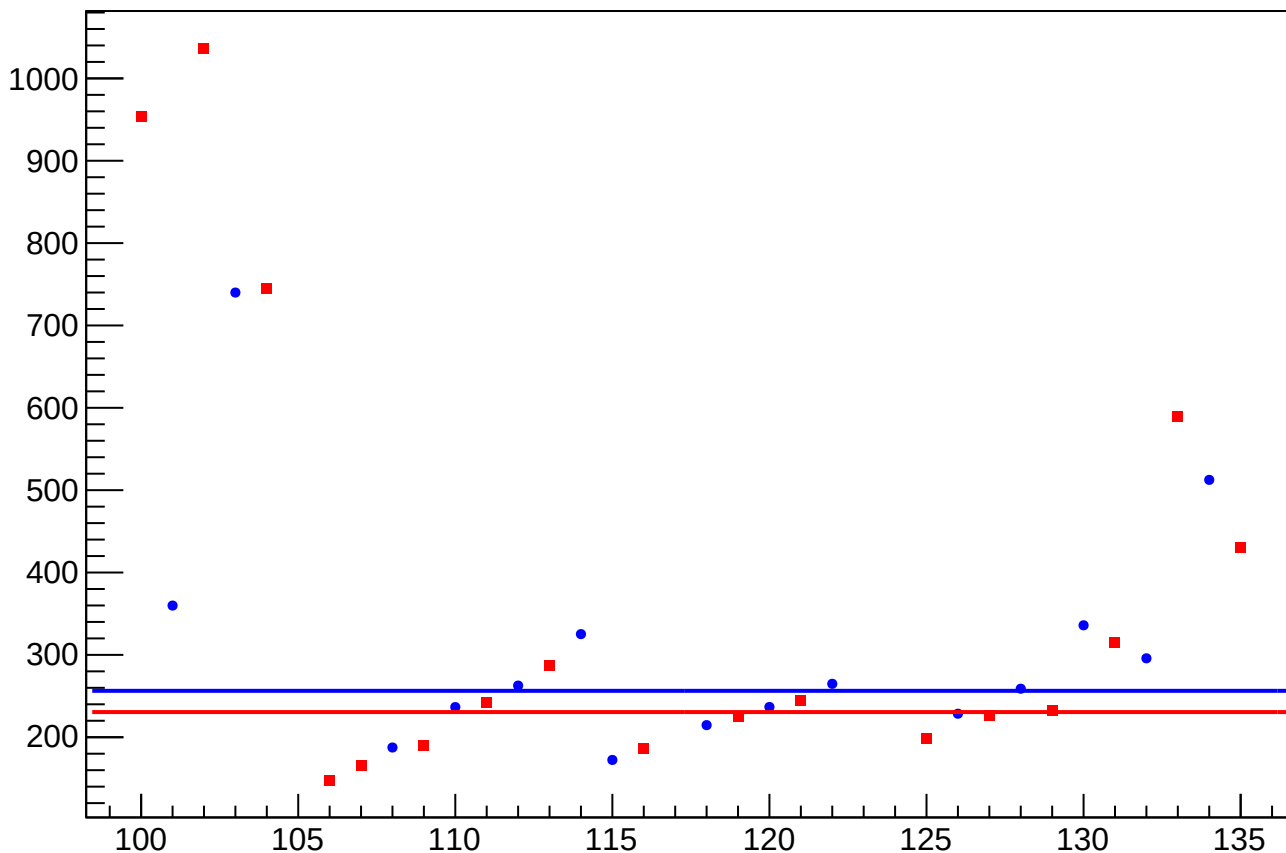
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.080 $\pm$ 0.073 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 256.349+/-0.077 χ^2/NDF : 1106006.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 230.566+/-0.069 χ^2/NDF : 1929633.7/16

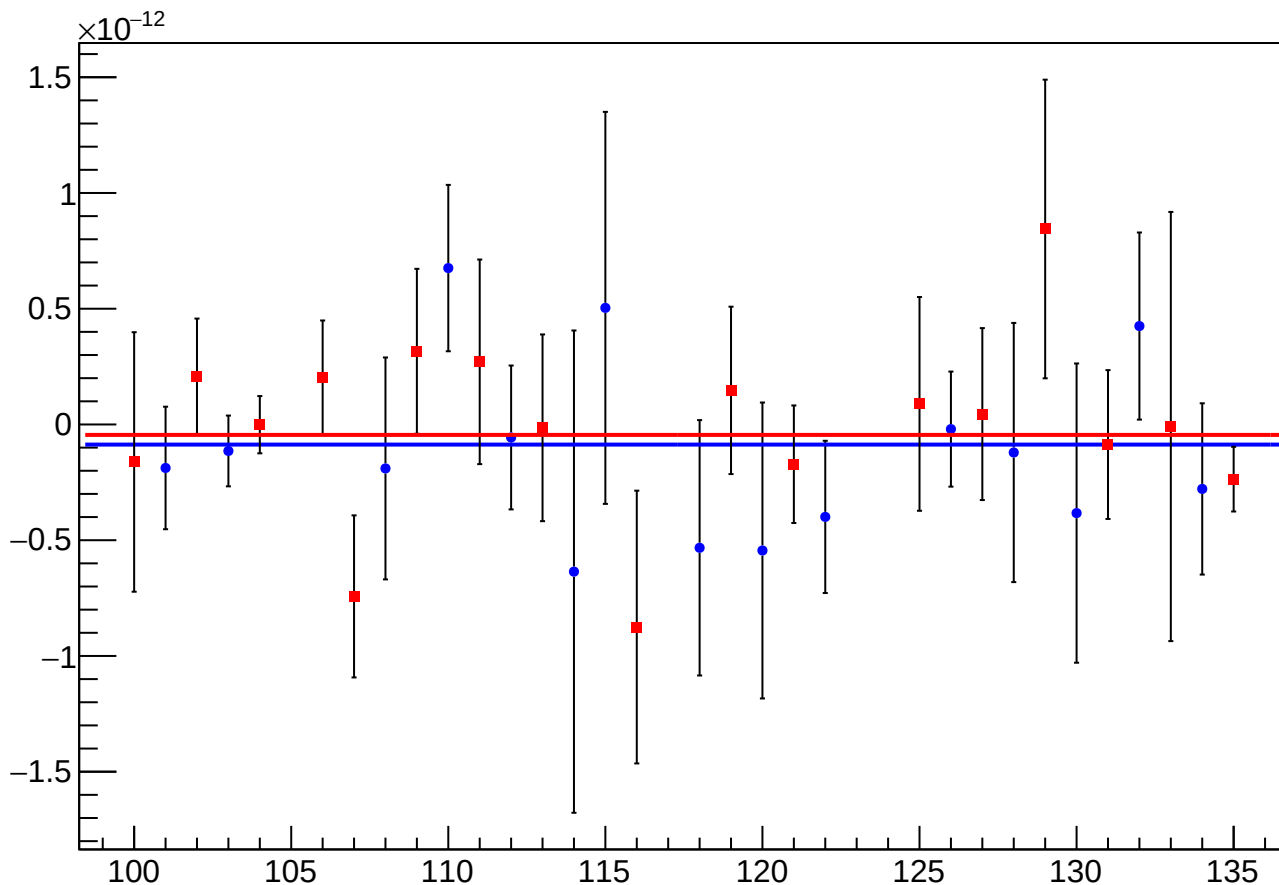
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 242.092+/-0.051 χ^2/NDF : 3097847.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.2/16

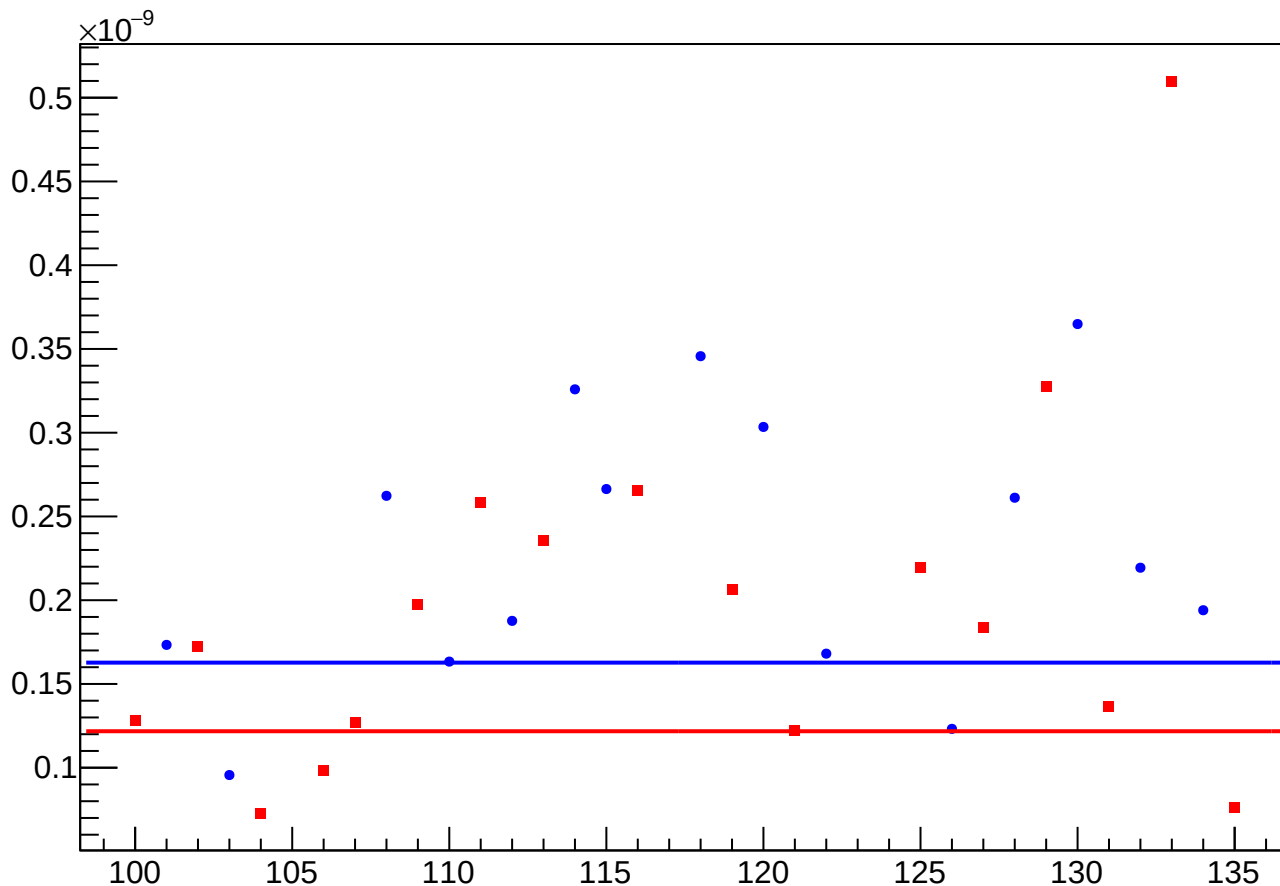
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 24.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_at2lr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1245987.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2002668.5/16

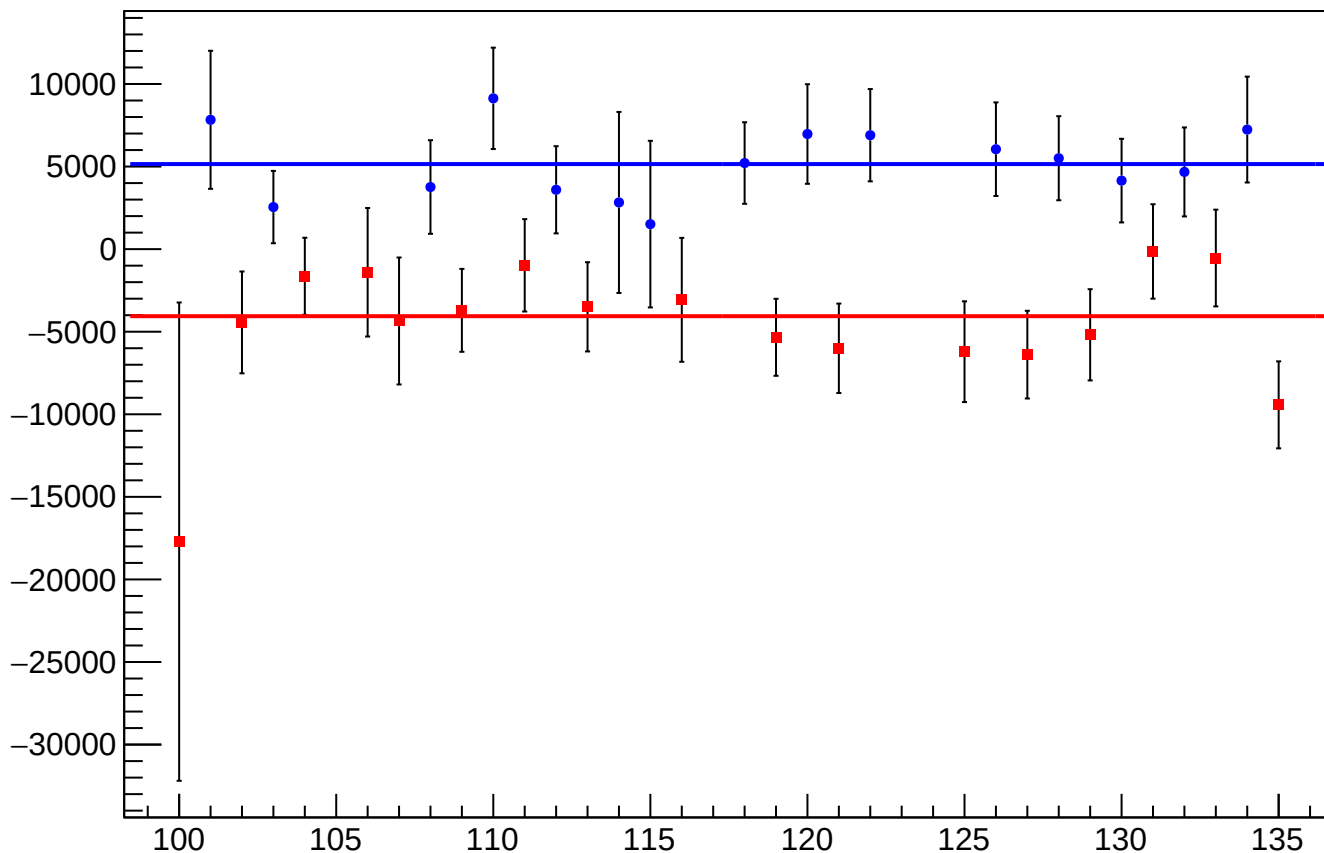
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3530462.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5150.559+/-748.576 χ^2/NDF : 6.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4060.002+/-706.050 χ^2/NDF : 13.5/16

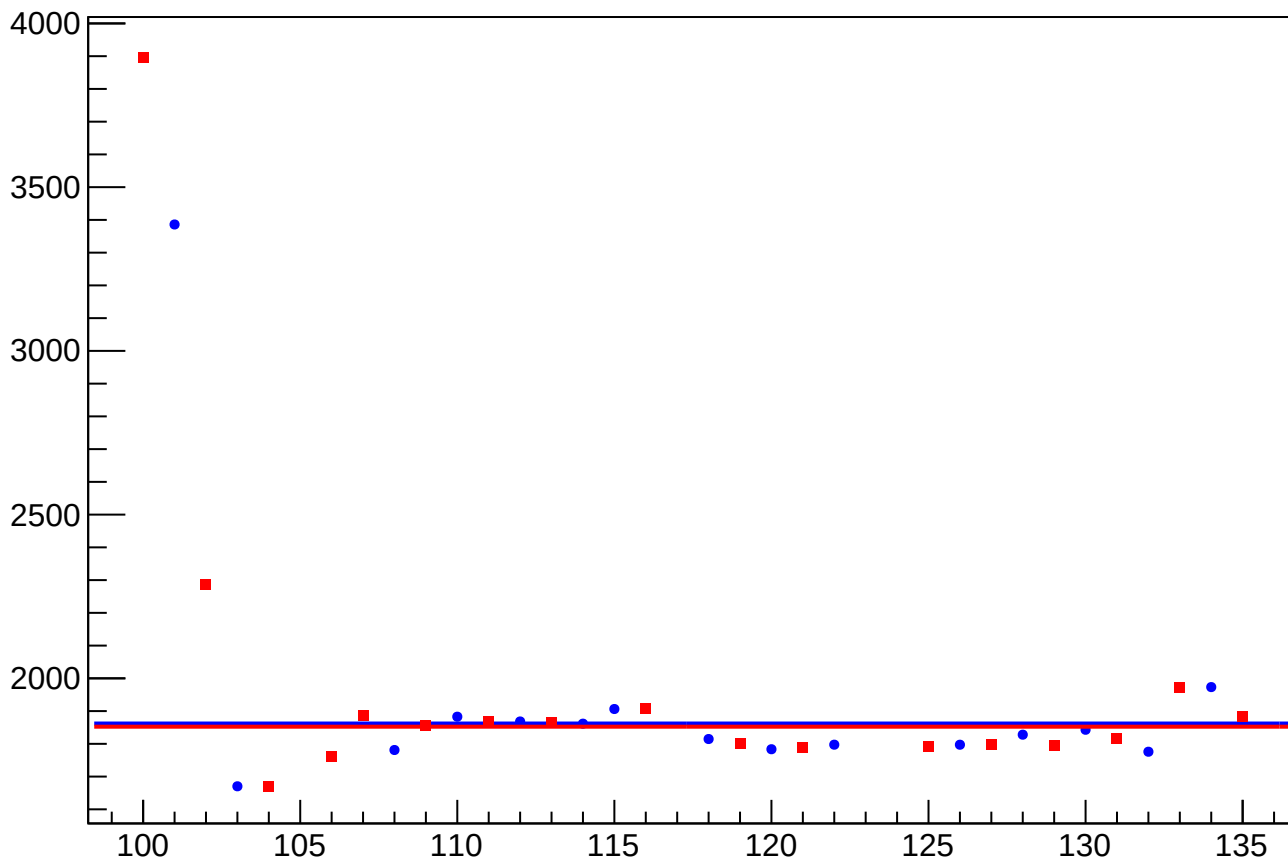
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 276.236+/-513.629 χ^2/NDF : 99.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.034+/-0.529 χ^2/NDF : 292157.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1852.335+/-0.498 χ^2/NDF : 102202.3/16

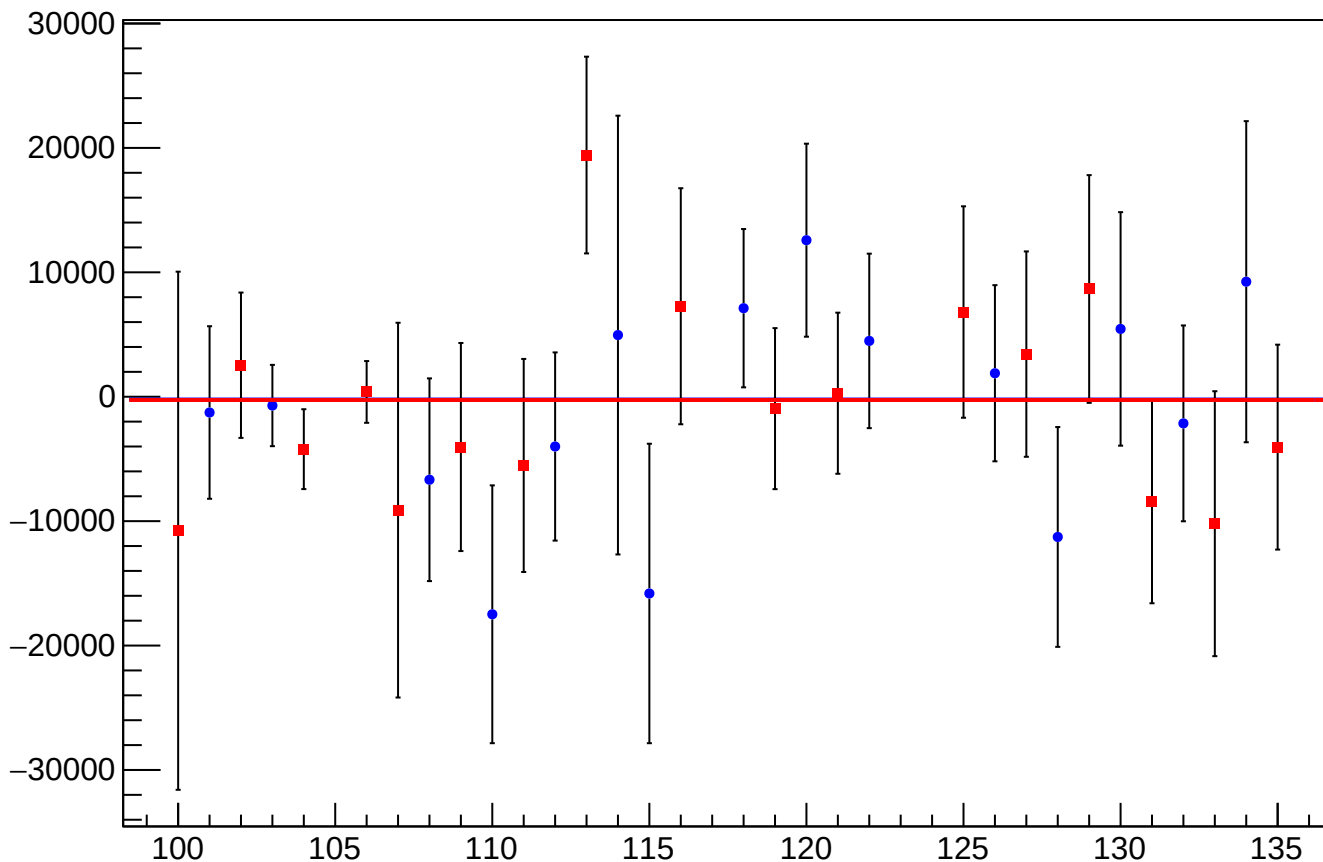
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1856.886+/-0.363 χ^2/NDF : 394537.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_mean vs Slug



Right In: -227.070+/-1843.155 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -259.097+/-1447.339 χ^2/NDF : 13.8/16

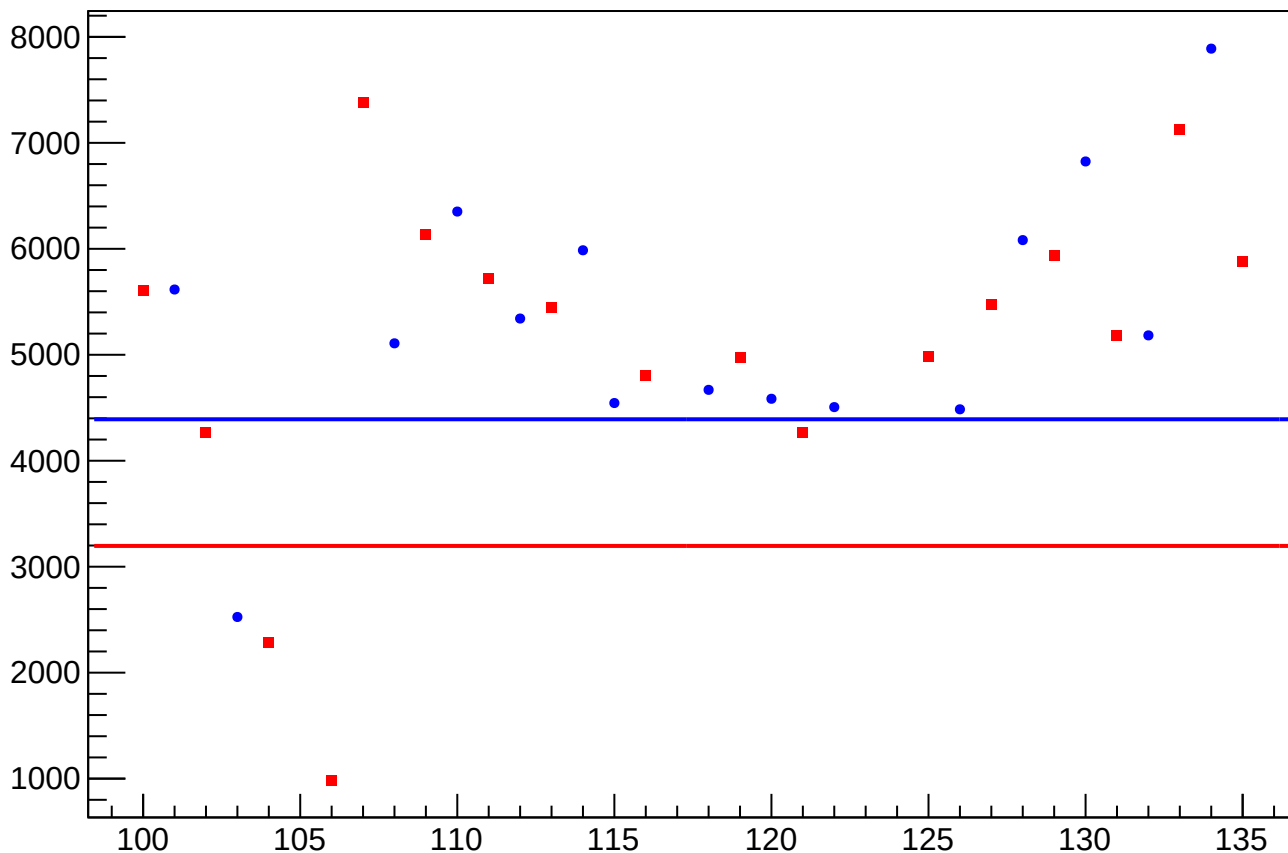
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -246.881+/-1138.325 χ^2/NDF : 26.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_correction_rms vs Slug



Right In: 4391.235+/-1.303 χ^2/NDF : 1230582.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

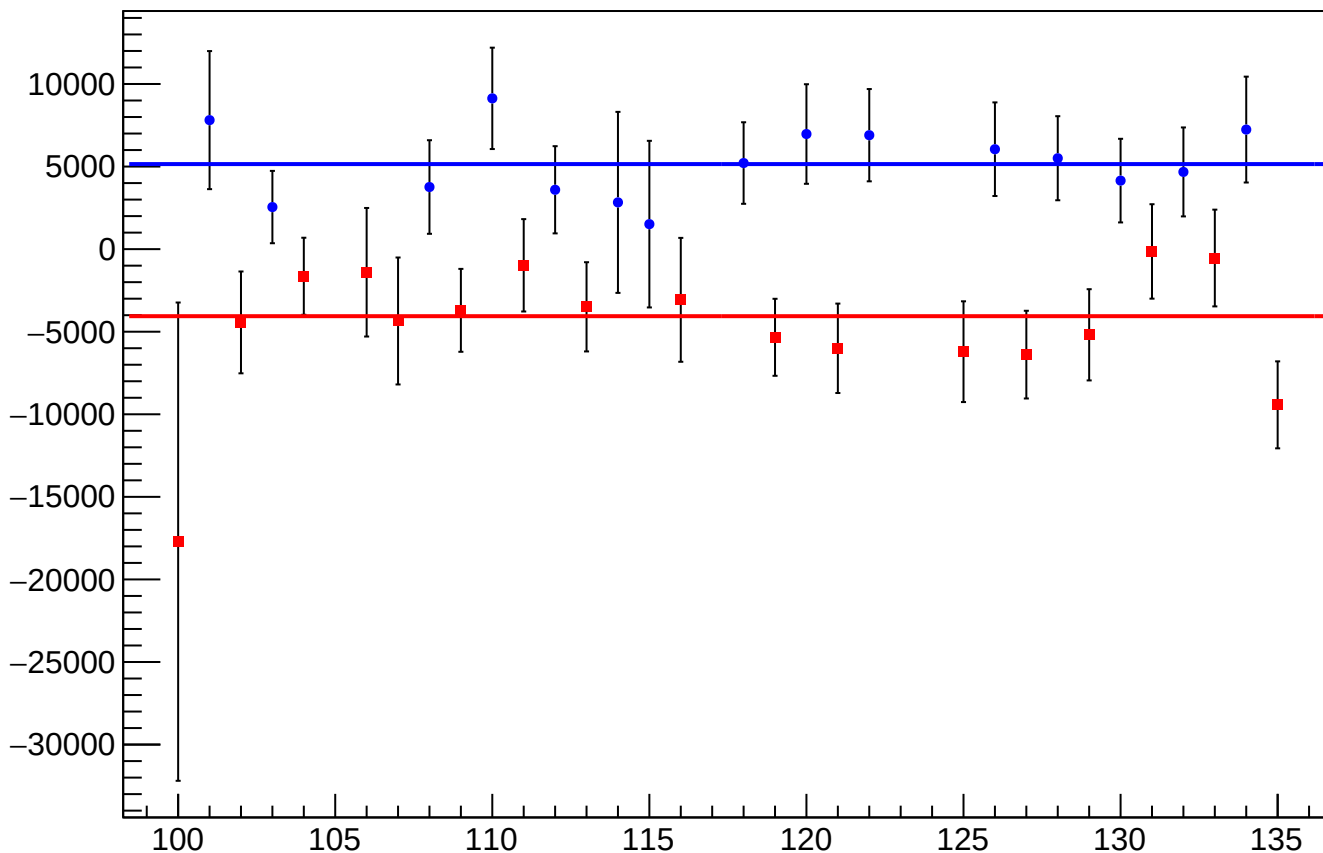
Right Out: 3196.104+/-1.023 χ^2/NDF : 3873430.2/16

All: 3651.957+/-0.805 χ^2/NDF : 5624163.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5150.040+/-748.576 χ^2/NDF : 6.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

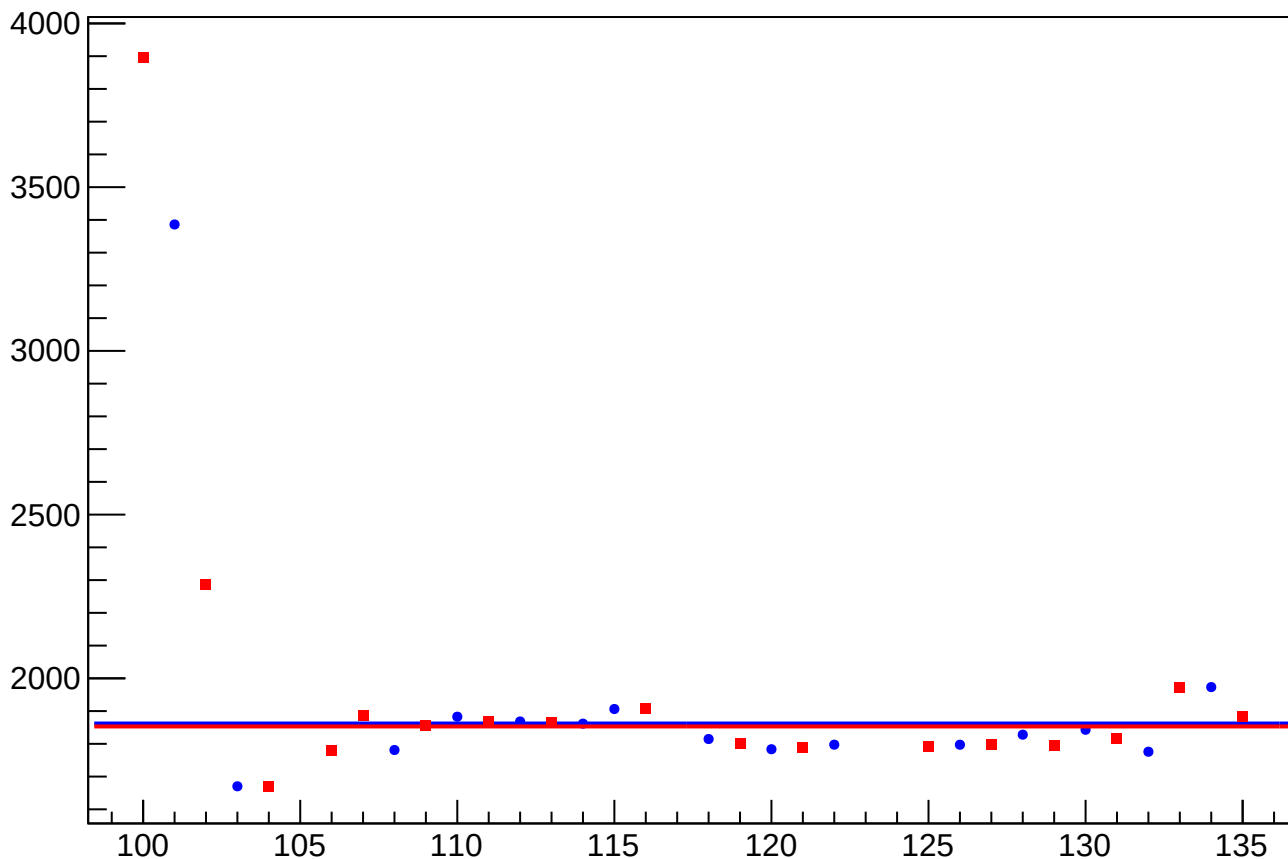
Right Out: -4059.760+/-706.050 χ^2/NDF : 13.5/16

All: 276.118+/-513.629 χ^2/NDF : 99.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1853.061+/-0.498 χ^2/NDF : 101738.6/16

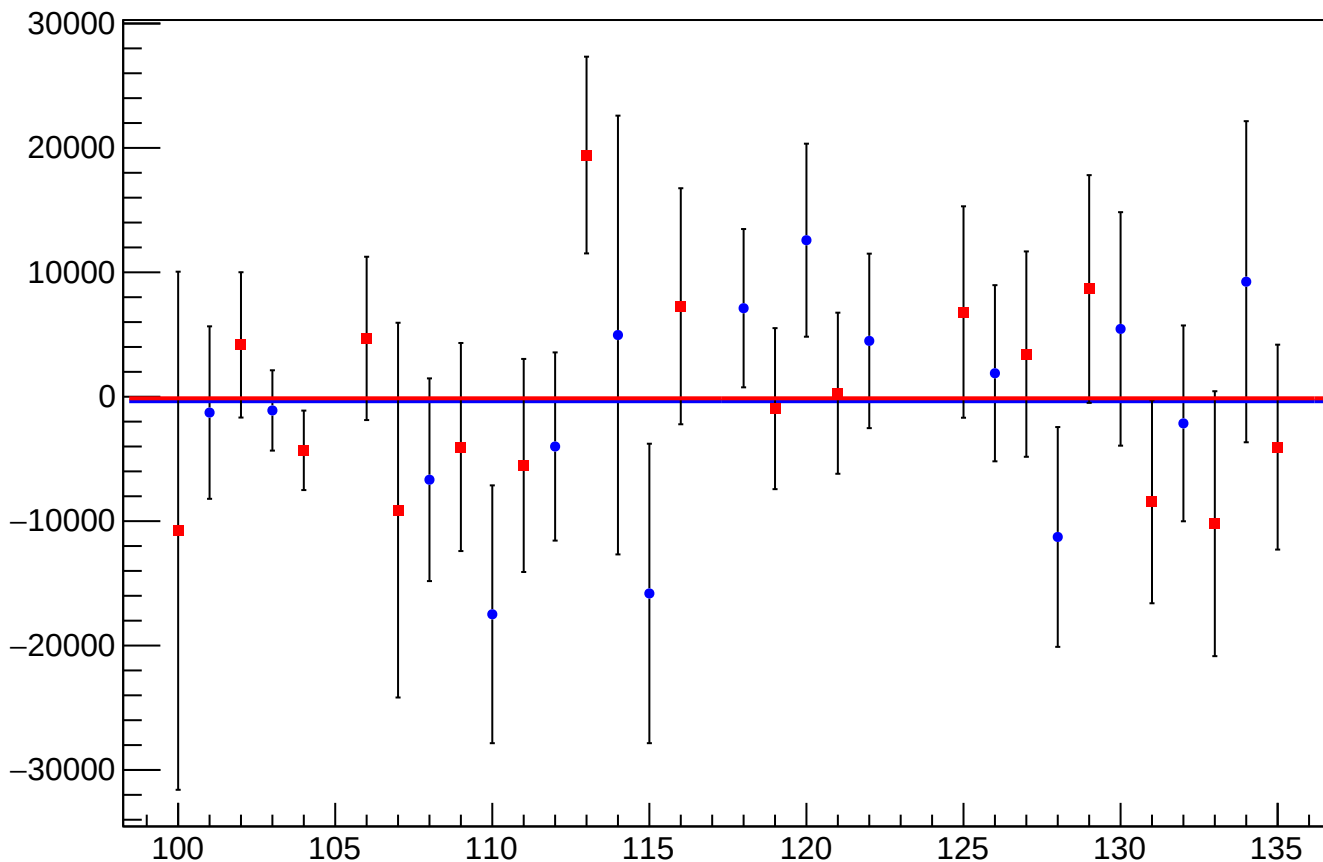
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.273+/-0.363 χ^2/NDF : 394050.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_mean vs Slug



Right In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.499+/-1717.124 χ^2/NDF : 14.7/16

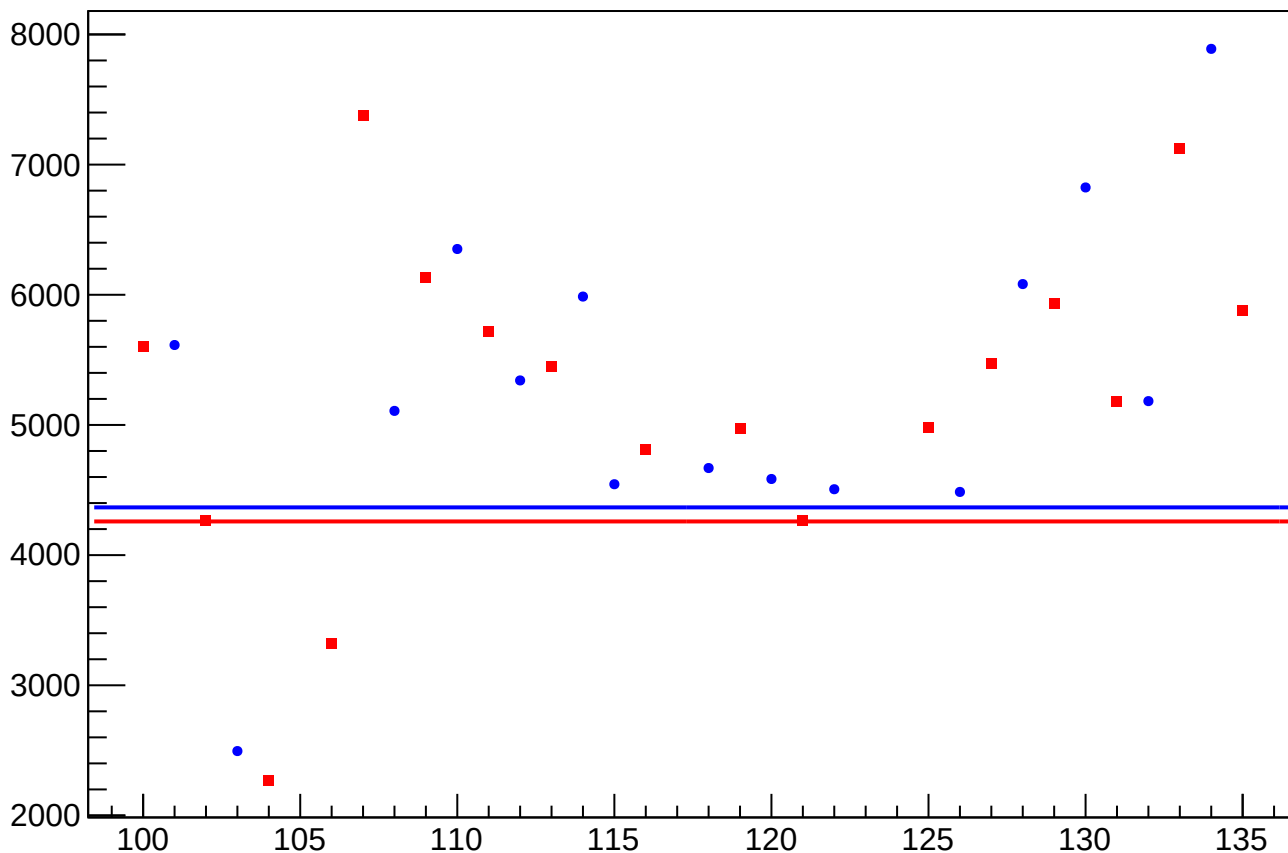
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.934+/-1254.101 χ^2/NDF : 27.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_cor_correction_rms vs Slug



Right In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

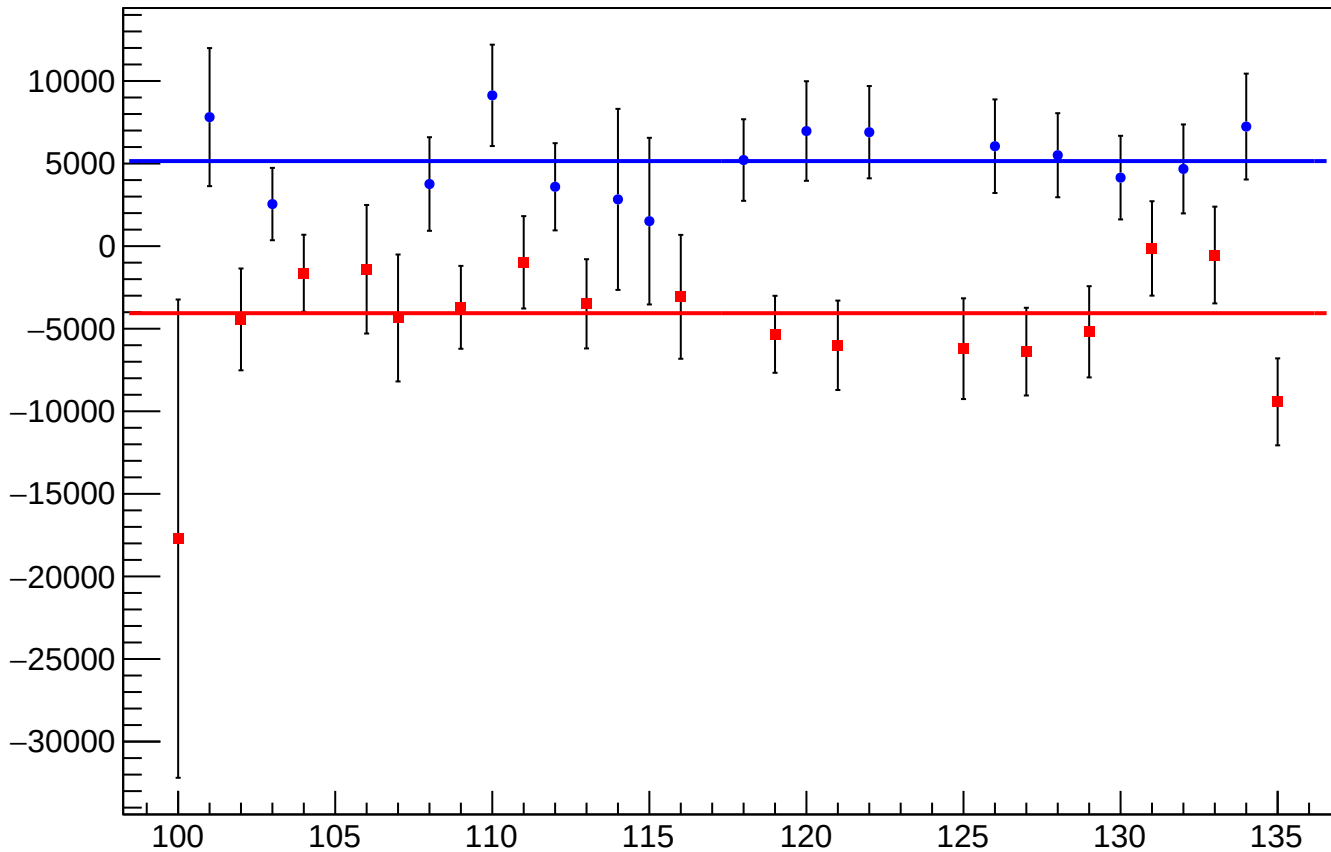
Right Out: 4258.694+/-1.214 χ^2/NDF : 1519874.2/16

All: 4309.105+/-0.887 χ^2/NDF : 2791937.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5150.040 $\pm$ 748.576 χ^2 /NDF: 6.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4059.760 $\pm$ 706.050 χ^2 /NDF: 13.5/16

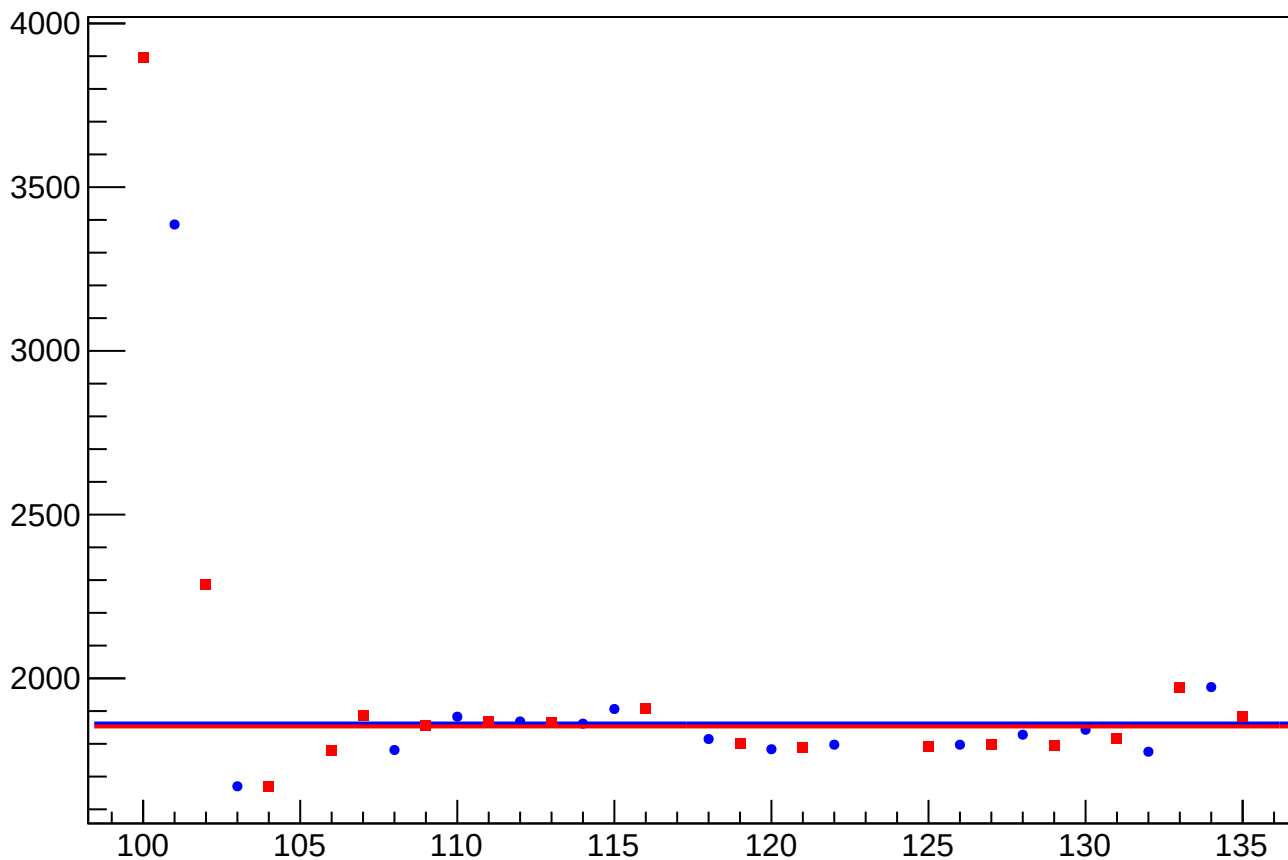
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 276.118 $\pm$ 513.629 χ^2 /NDF: 99.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1862.034+/-0.529 χ^2/NDF : 292159.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1853.061+/-0.498 χ^2/NDF : 101738.6/16

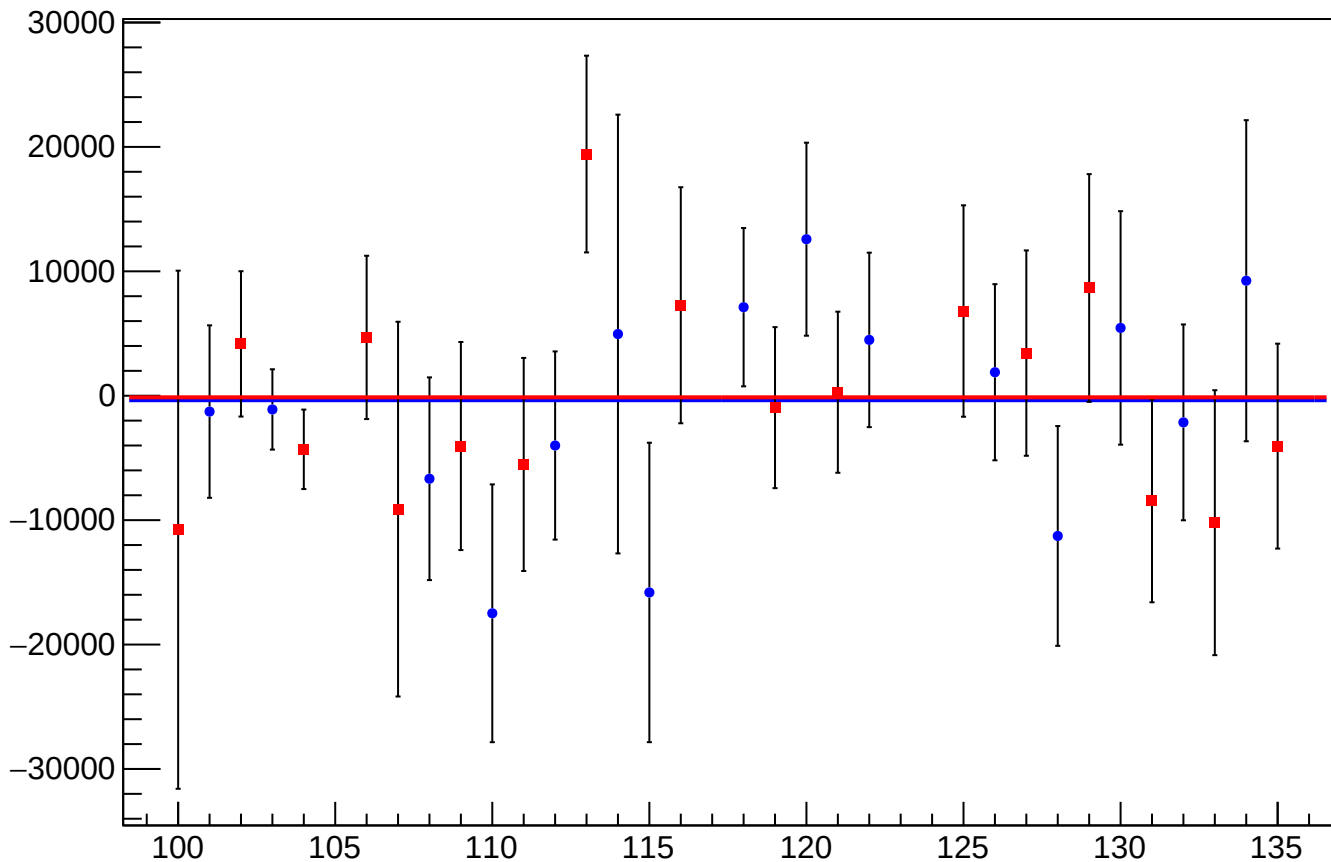
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1857.273+/-0.363 χ^2/NDF : 394050.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_mean vs Slug



Right In: -358.898+/-1835.970 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -126.499+/-1717.124 χ^2/NDF : 14.7/16

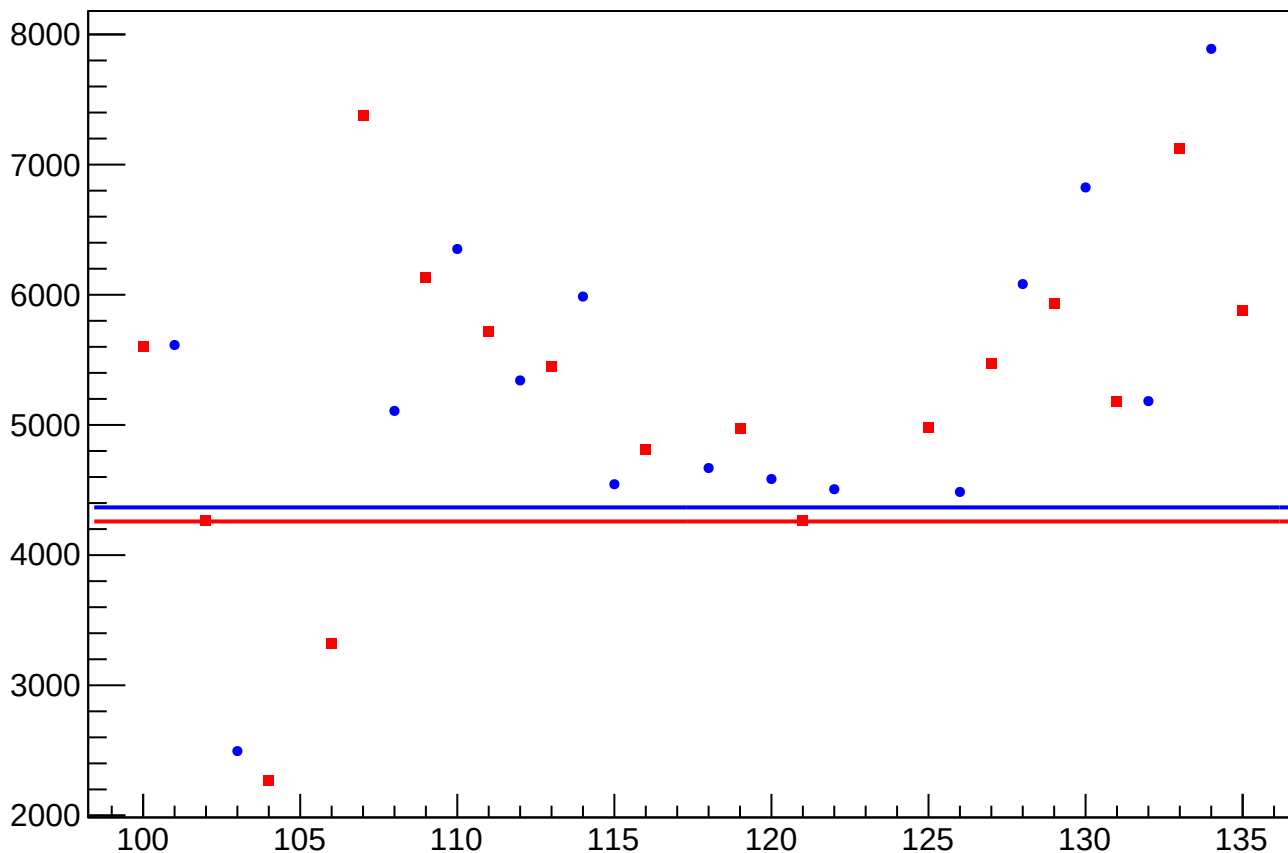
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -234.934+/-1254.101 χ^2/NDF : 27.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_correction_rms vs Slug



Right In: 4366.736+/-1.298 χ^2/NDF : 1268368.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

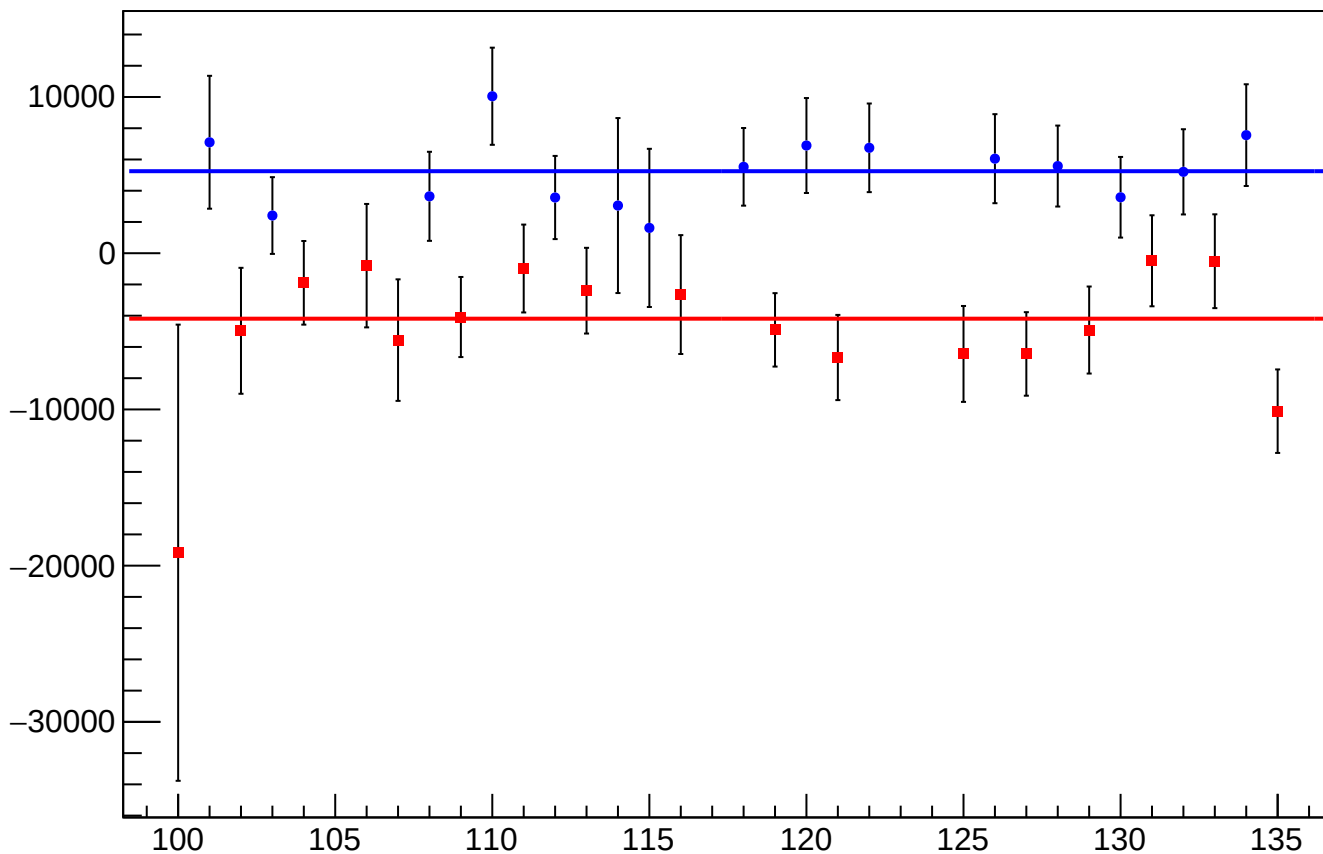
Right Out: 4258.694+/-1.214 χ^2/NDF : 1519874.2/16

All: 4309.105+/-0.887 χ^2/NDF : 2791937.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4190.897+/-730.183 χ^2/NDF : 14.9/16

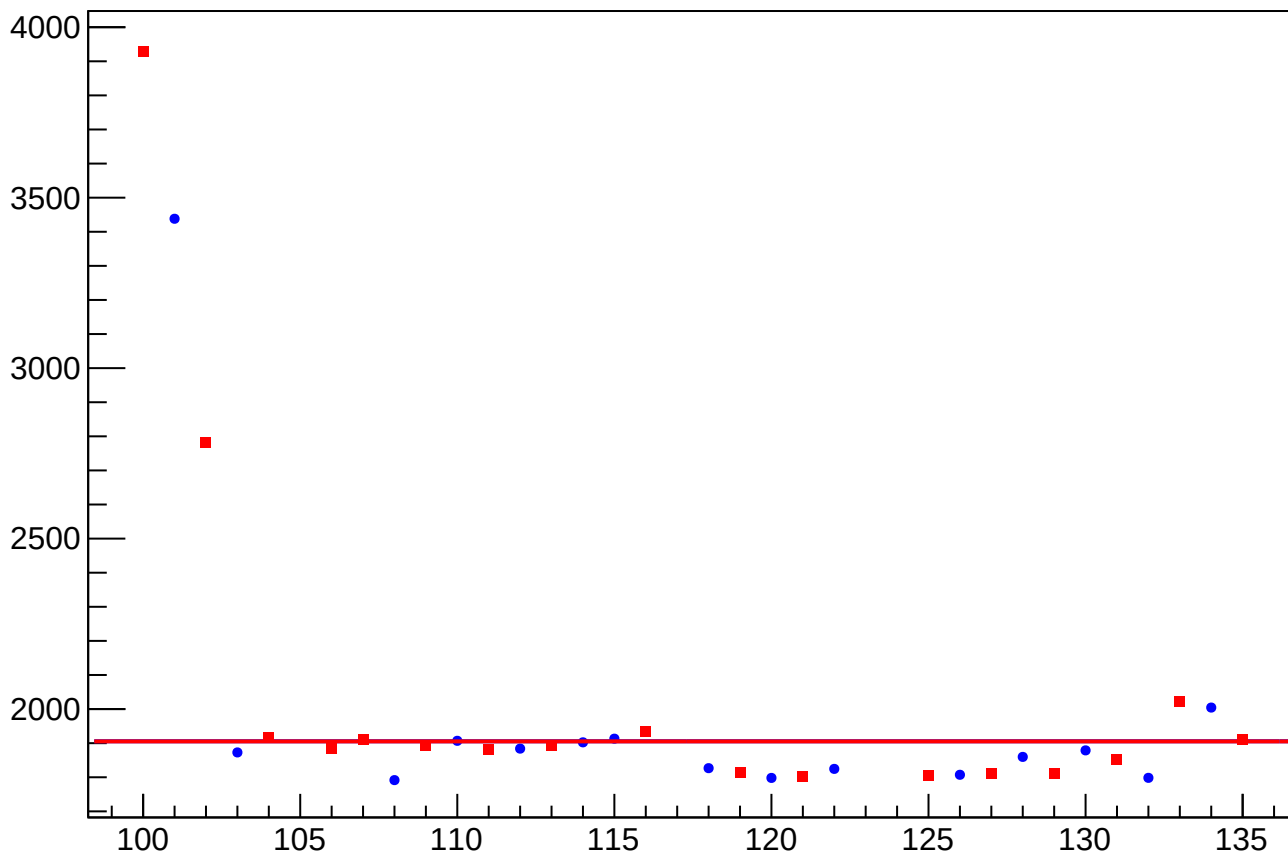
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.342+/-528.495 χ^2/NDF : 101.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1905.617 $\pm$ 0.542 χ^2 /NDF: 277658.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1905.248 $\pm$ 0.516 χ^2 /NDF: 149865.2/16

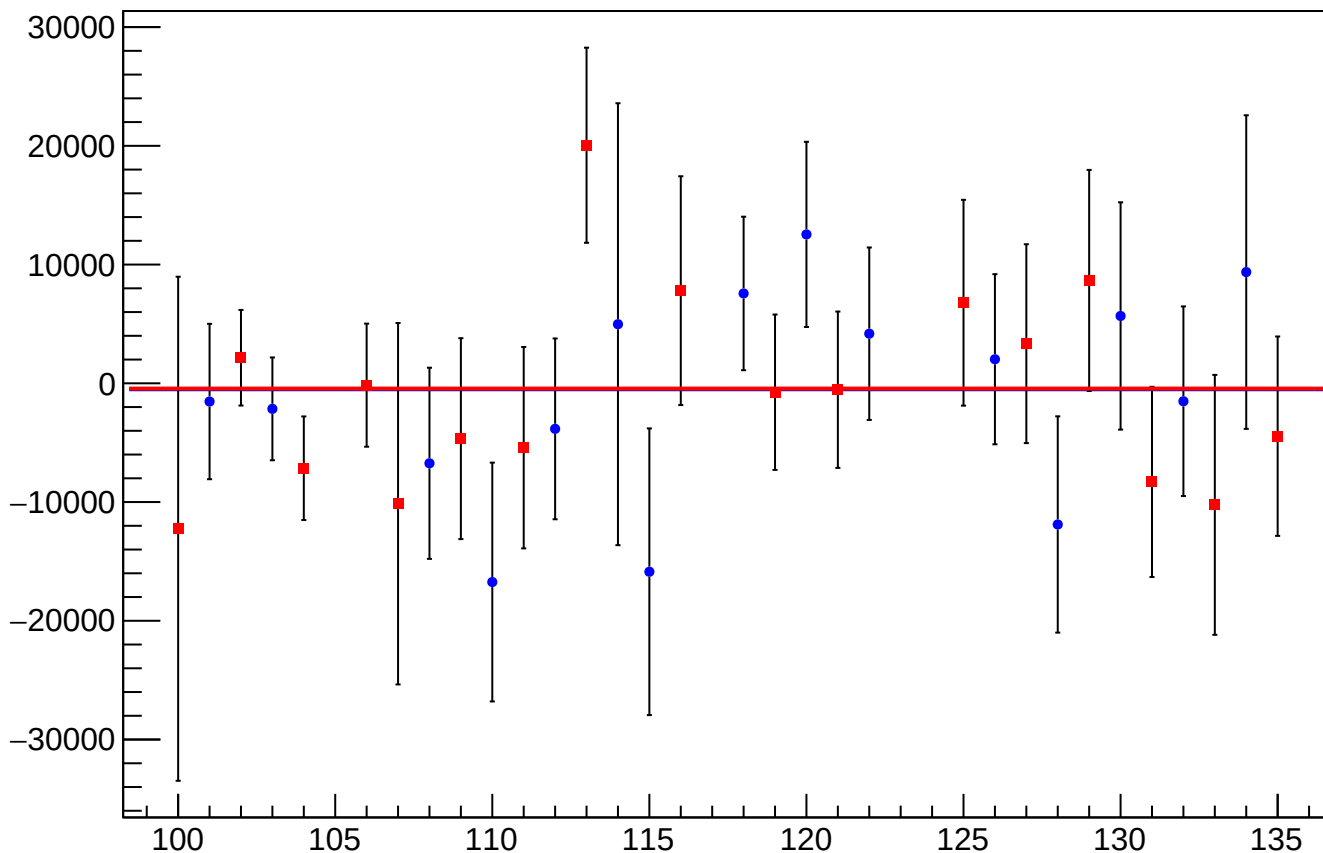
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1905.423 $\pm$ 0.373 χ^2 /NDF: 427523.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_mean vs Slug



Right In: -499.677+/-1991.082 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -445.871+/-1727.386 χ^2/NDF : 14.9/16

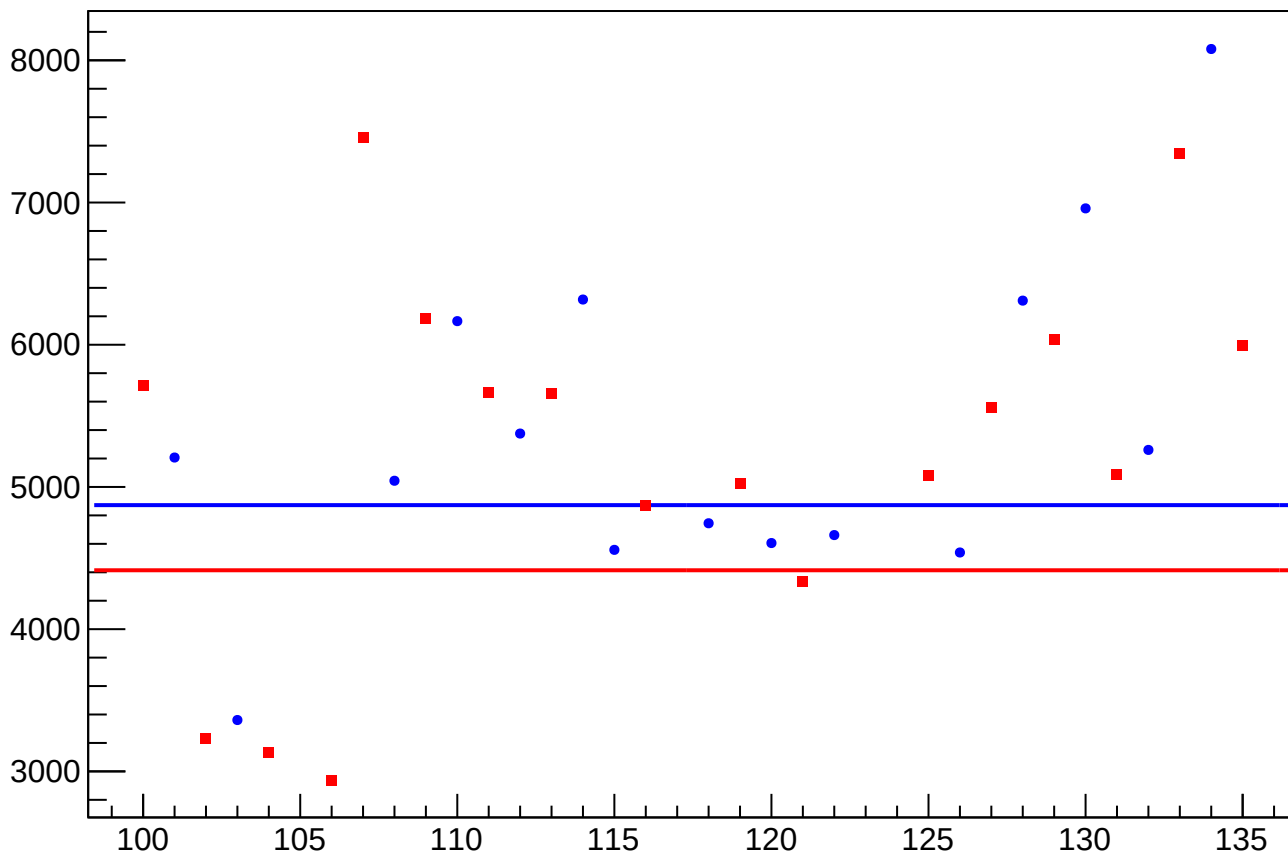
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.978+/-1304.789 χ^2/NDF : 27.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_correction_rms vs Slug



Right In: 4872.207+/-1.408 χ^2/NDF : 581787.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4414.175+/-1.221 χ^2/NDF : 1132803.0/16

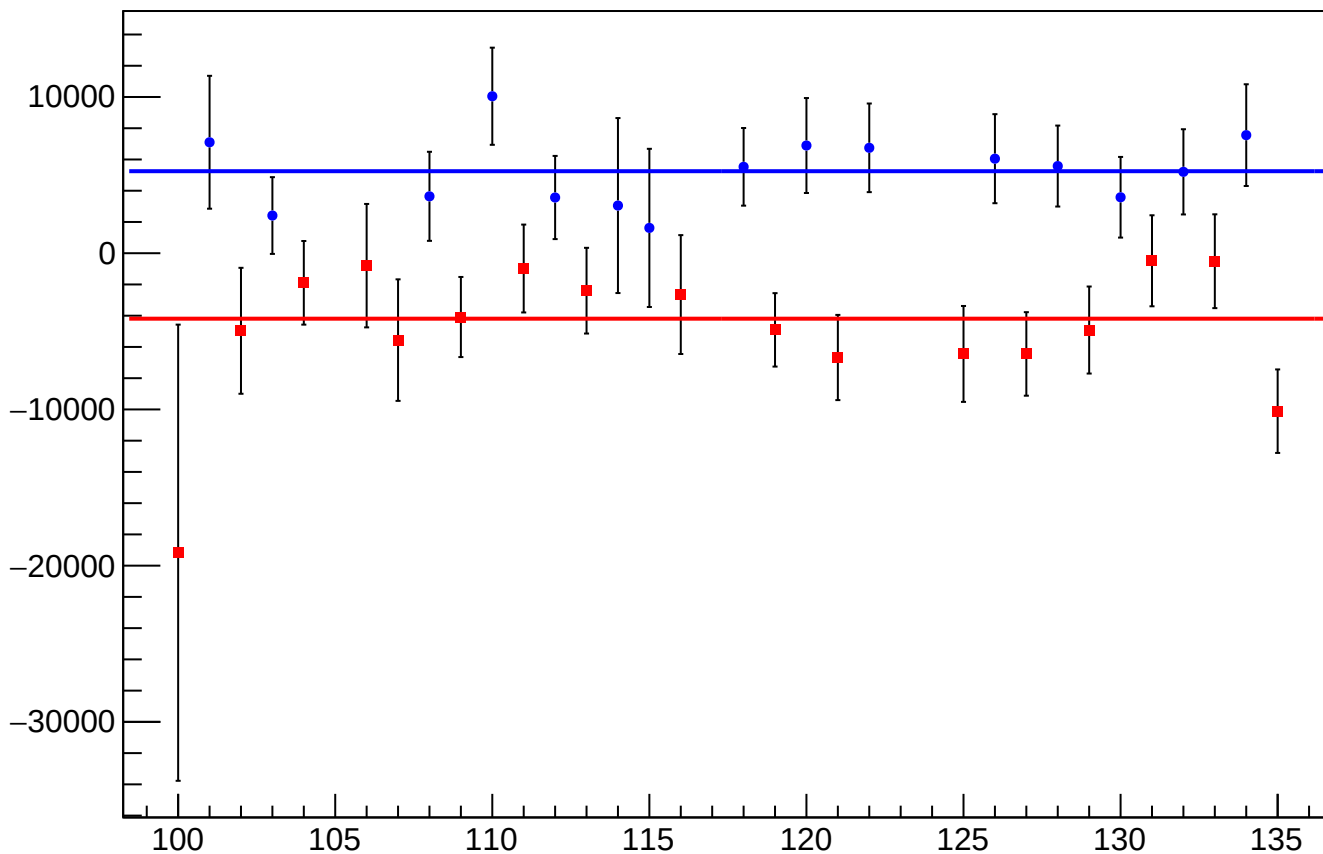
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4610.872+/-0.923 χ^2/NDF : 1774977.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 5250.168+/-765.905 χ^2/NDF : 6.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4190.896+/-730.183 χ^2/NDF : 14.9/16

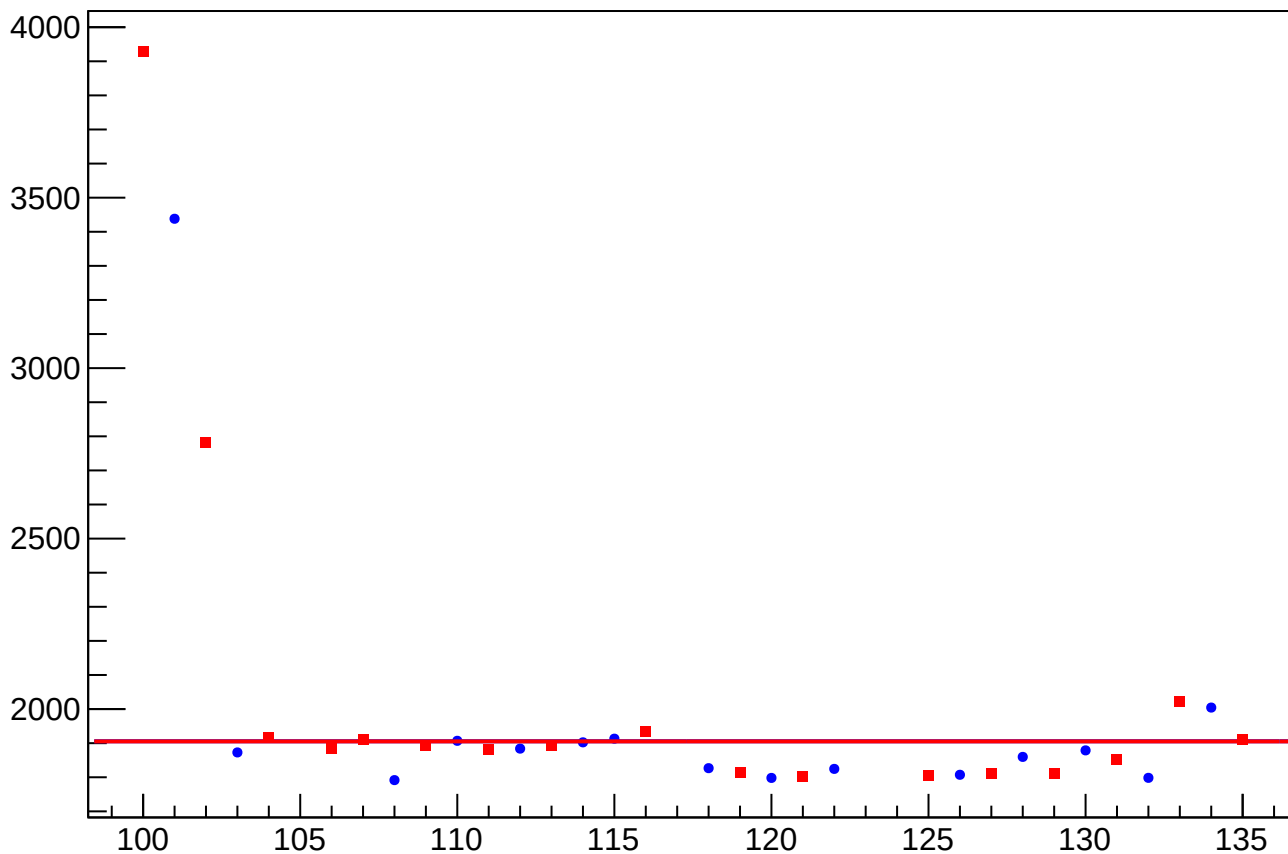
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 304.342+/-528.495 χ^2/NDF : 101.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 1905.616+/-0.542 χ^2/NDF : 277658.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1905.247+/-0.516 χ^2/NDF : 149864.5/16

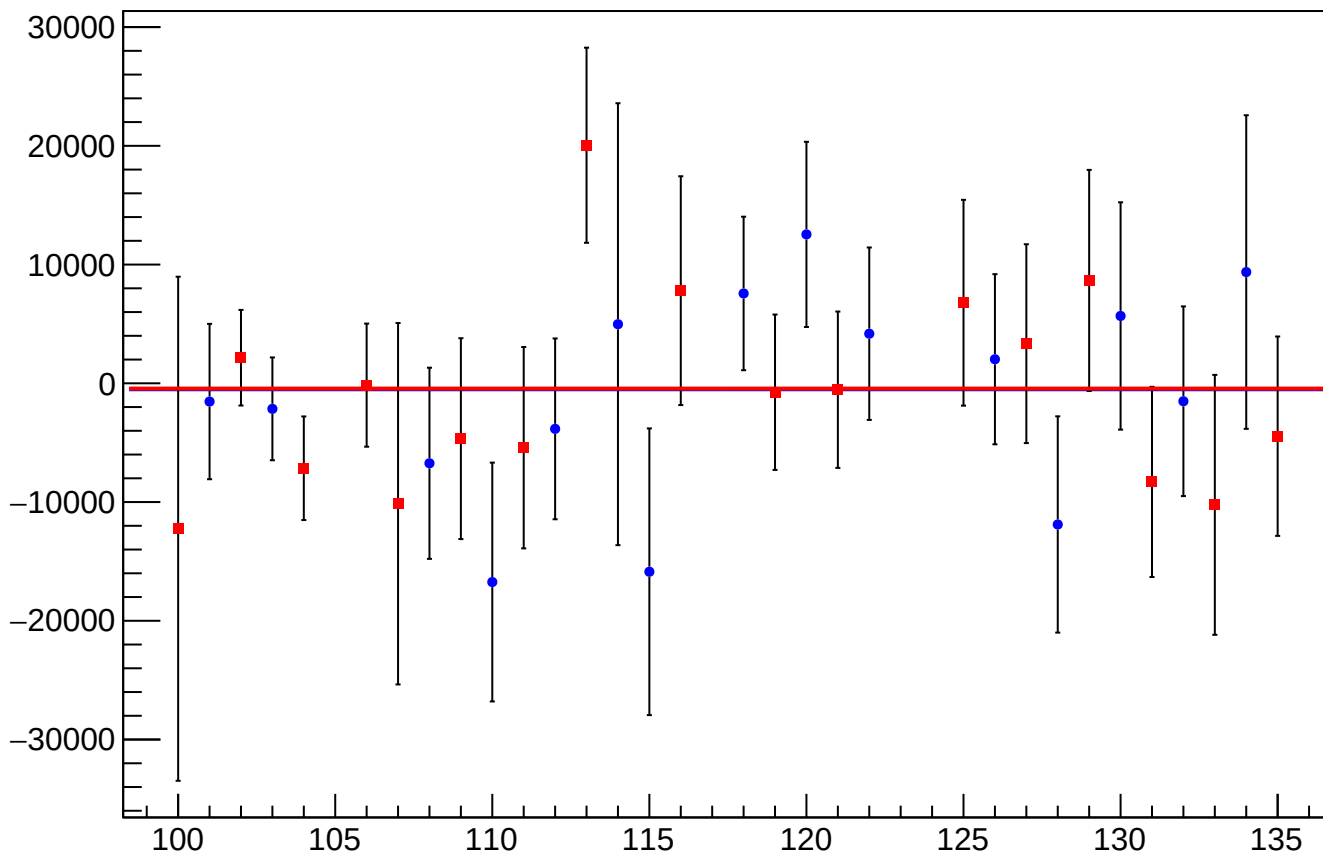
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1905.422+/-0.373 χ^2/NDF : 427523.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_mean vs Slug



Right In: -499.673+/-1991.076 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -445.871+/-1727.381 χ^2/NDF : 14.9/16

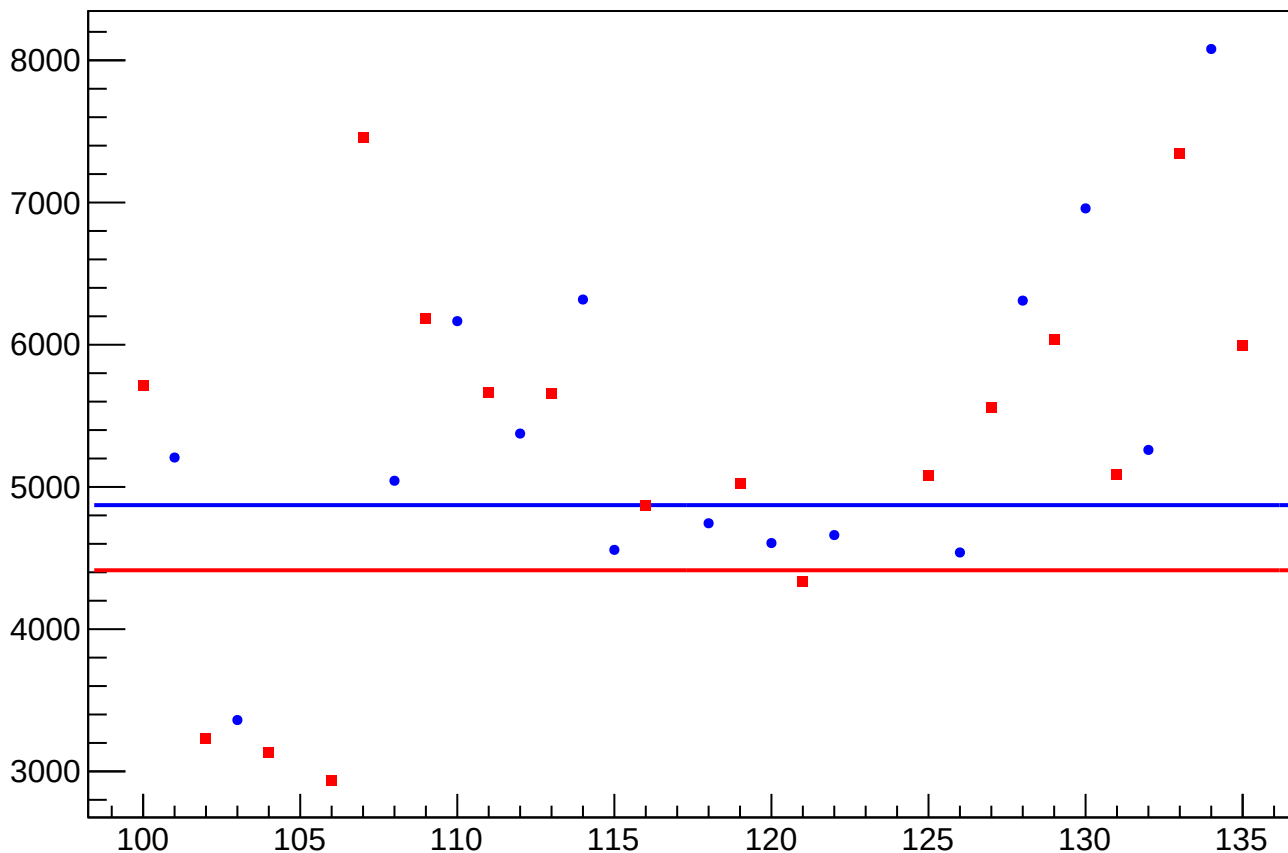
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -468.976+/-1304.785 χ^2/NDF : 27.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_correction_rms vs Slug



Right In: 4872.192+/-1.408 χ^2/NDF : 581787.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4414.164+/-1.221 χ^2/NDF : 1132801.9/16

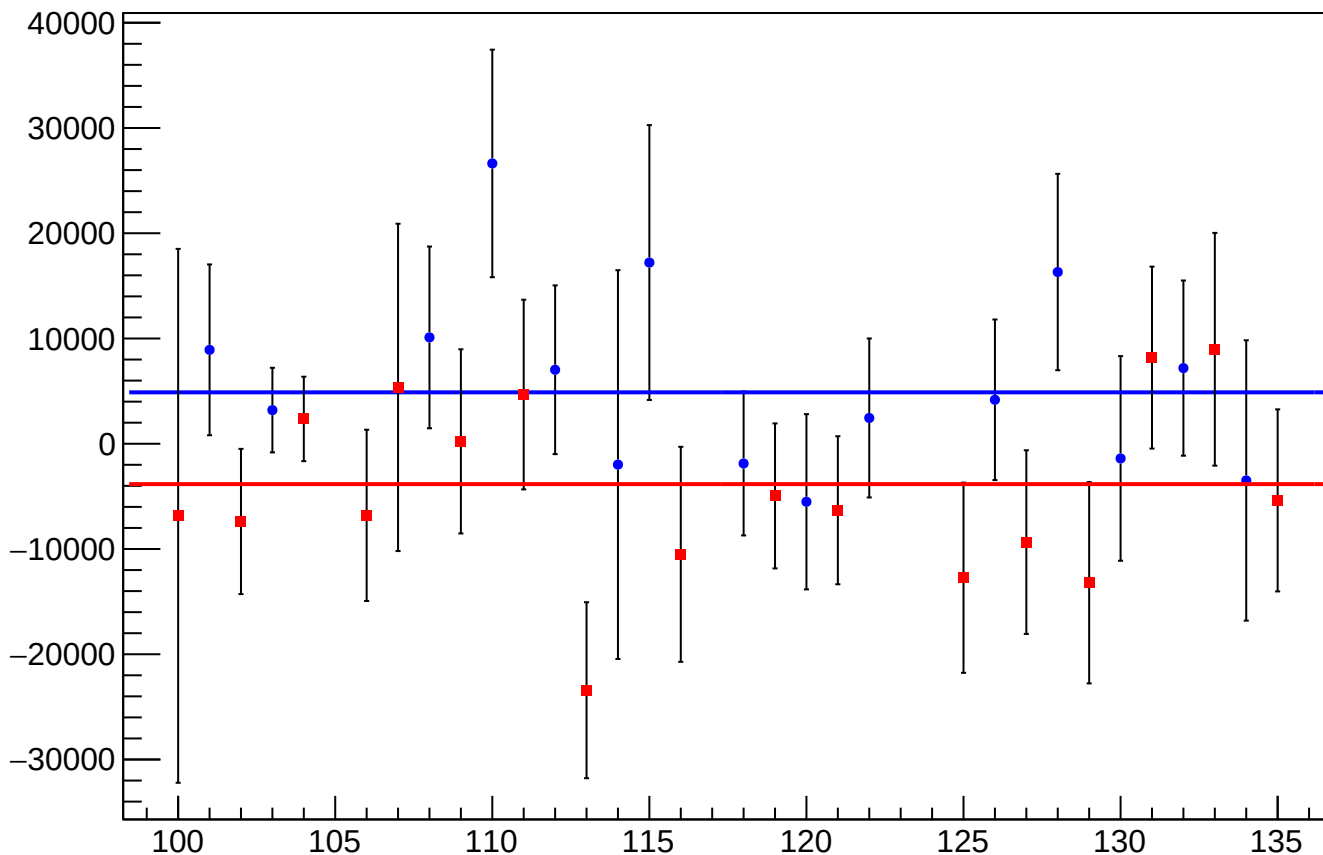
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4610.860+/-0.923 χ^2/NDF : 1774976.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_mean vs Slug



Right In: 4884.506+/-2058.049 χ^2/NDF : 11.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

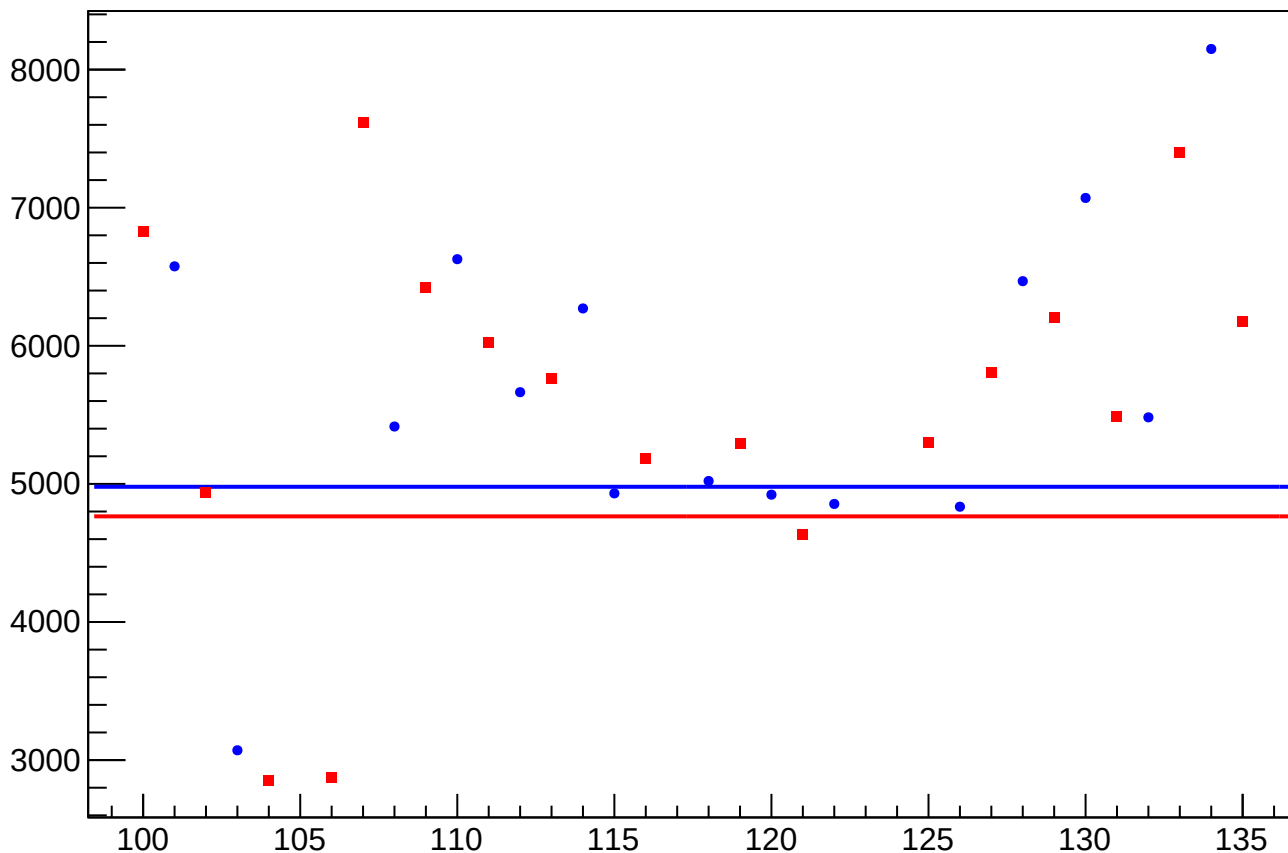
Right Out: -3836.187+/-1939.803 χ^2/NDF : 15.9/16

All: 266.450+/-1411.600 χ^2/NDF : 36.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_rms vs Slug



Right In: 4979.109+/-1.455 χ^2/NDF : 869789.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

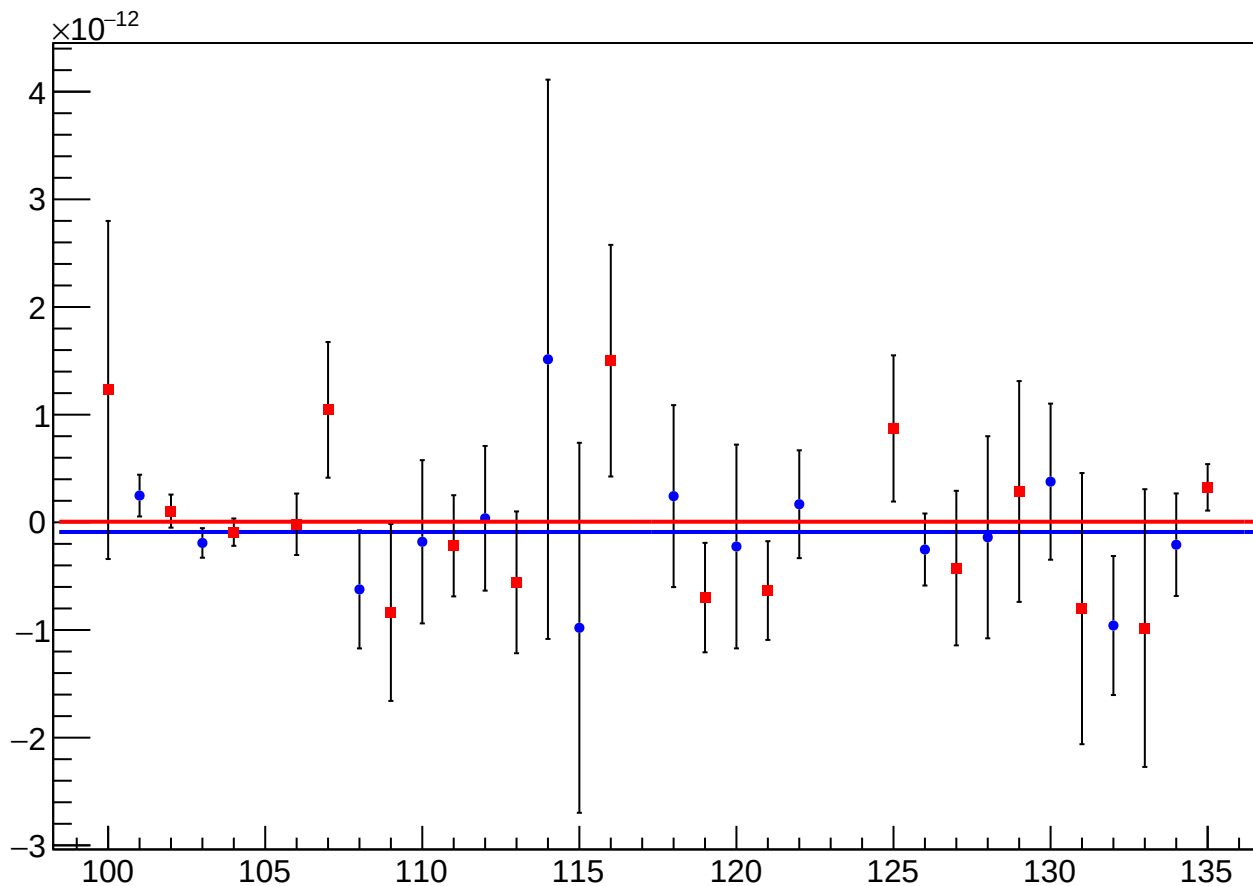
Right Out: 4764.860+/-1.343 χ^2/NDF : 1142224.4/16

All: 4863.444+/-0.987 χ^2/NDF : 2023715.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.4/16

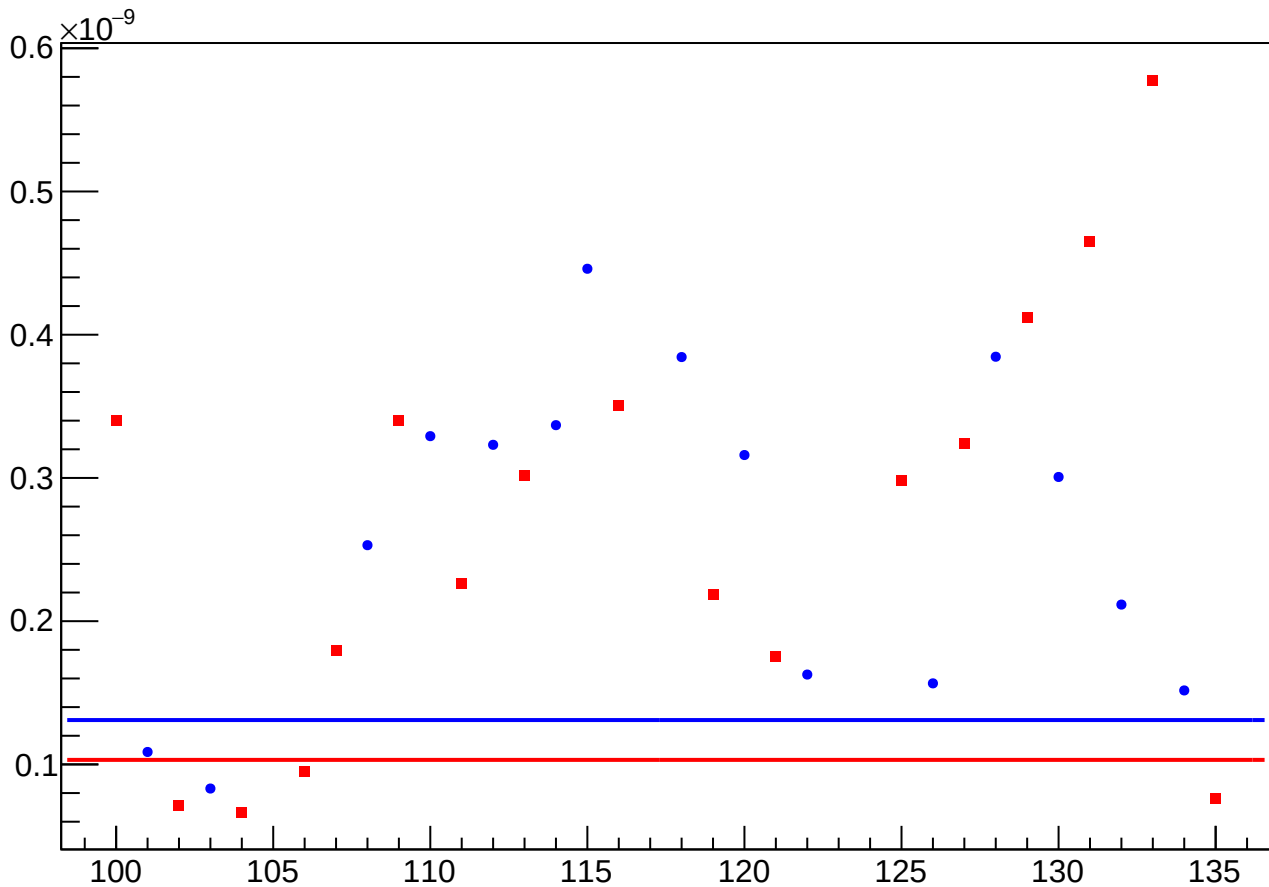
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1314645.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2078192.6/16

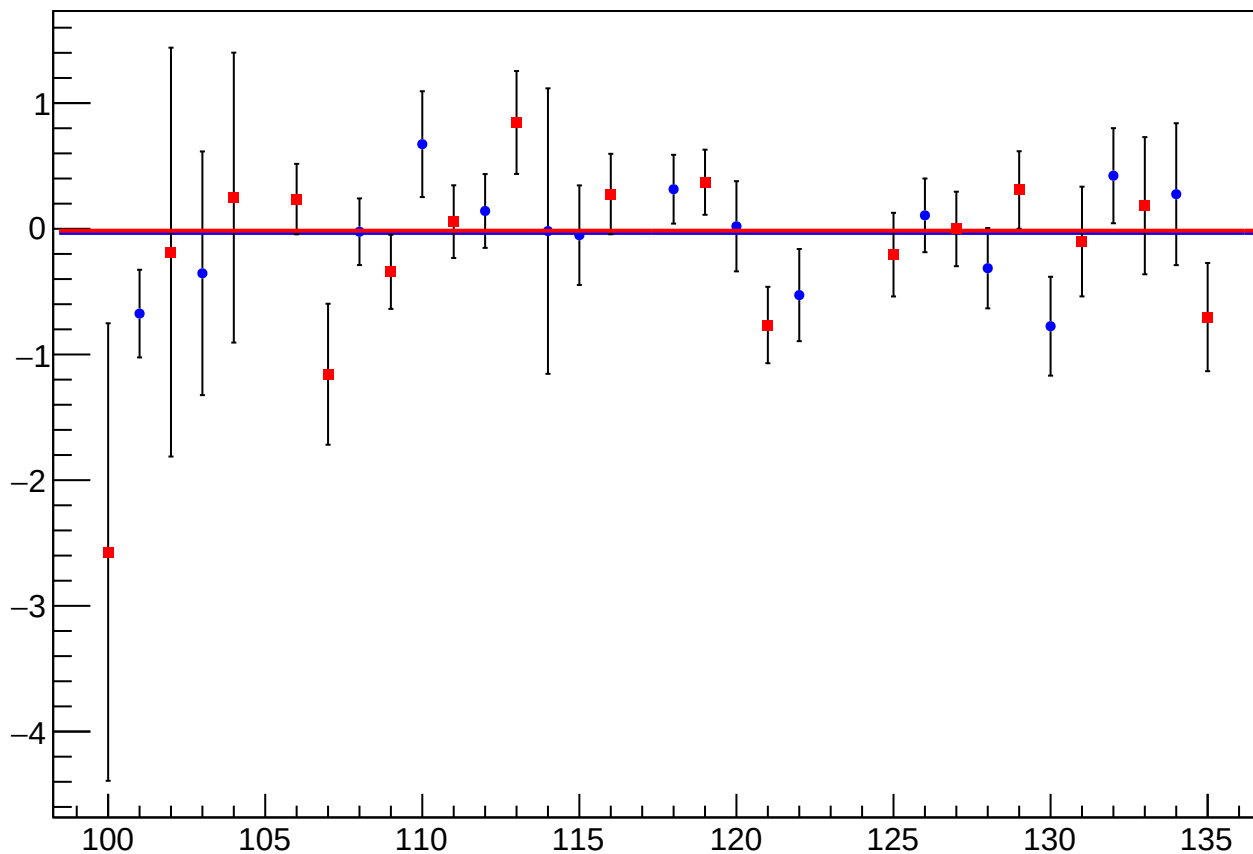
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3496425.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.089 χ^2/NDF : 26.0/16

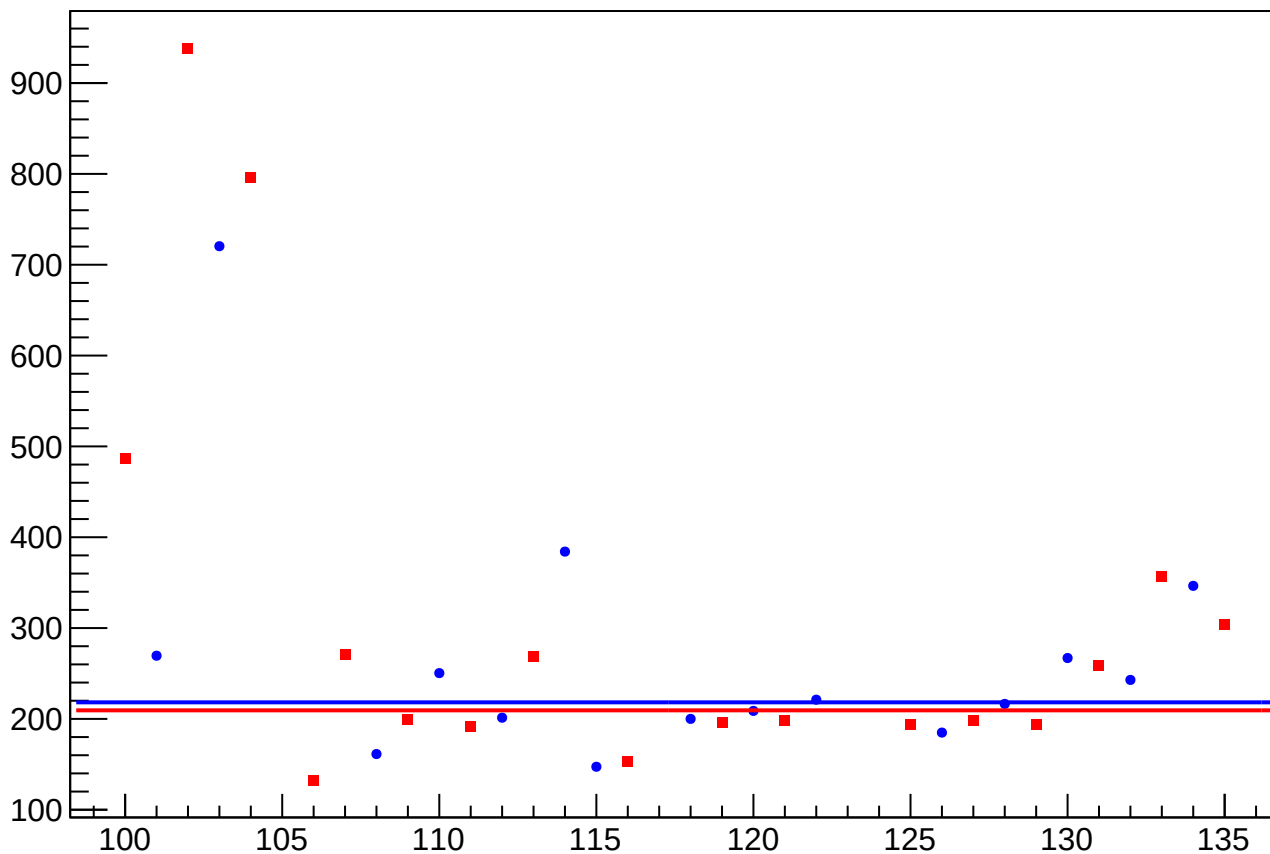
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.064 χ^2/NDF : 42.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_cor_diff_rms vs Slug



Right In: 218.236+/-0.066 χ^2/NDF : 975893.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

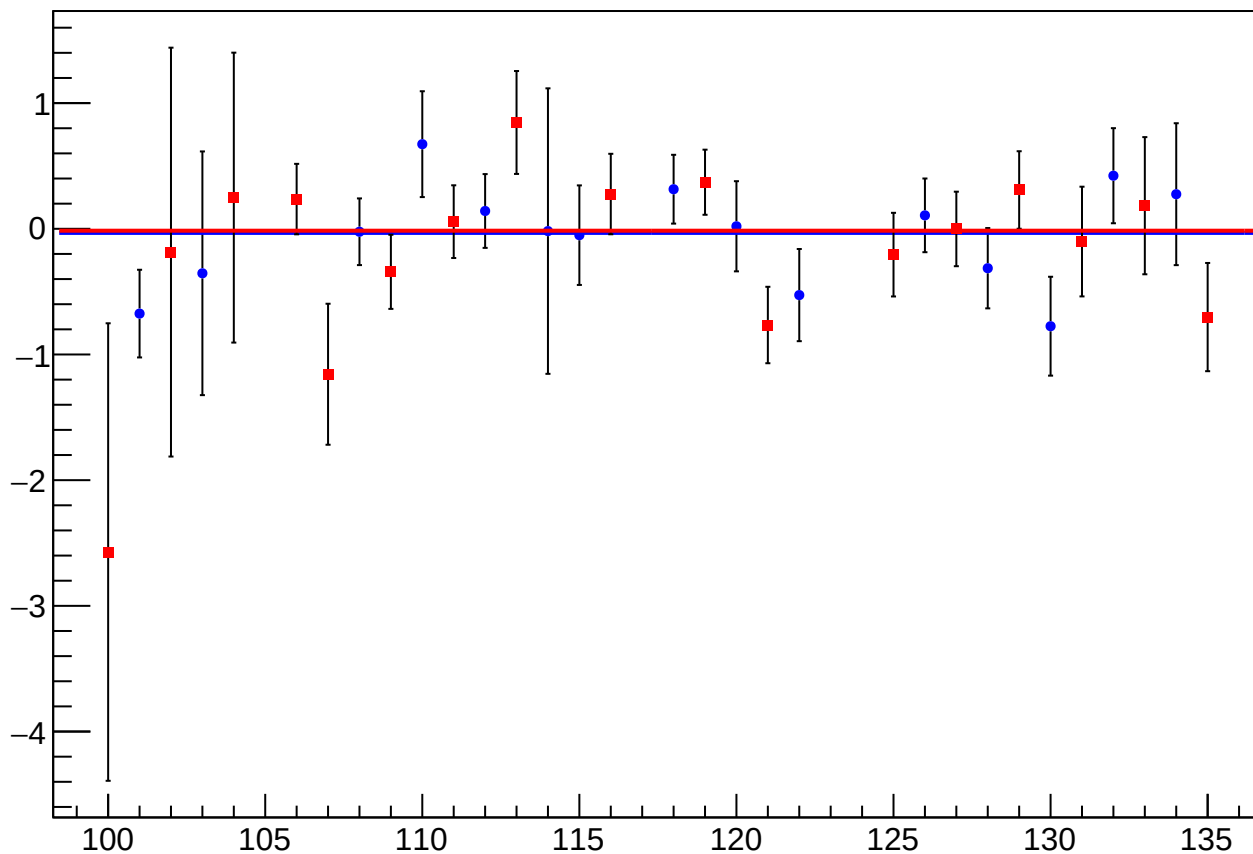
Right Out: 209.425+/-0.063 χ^2/NDF : 1544104.1/16

All: 213.599+/-0.045 χ^2/NDF : 2529350.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.089 χ^2/NDF : 26.0/16

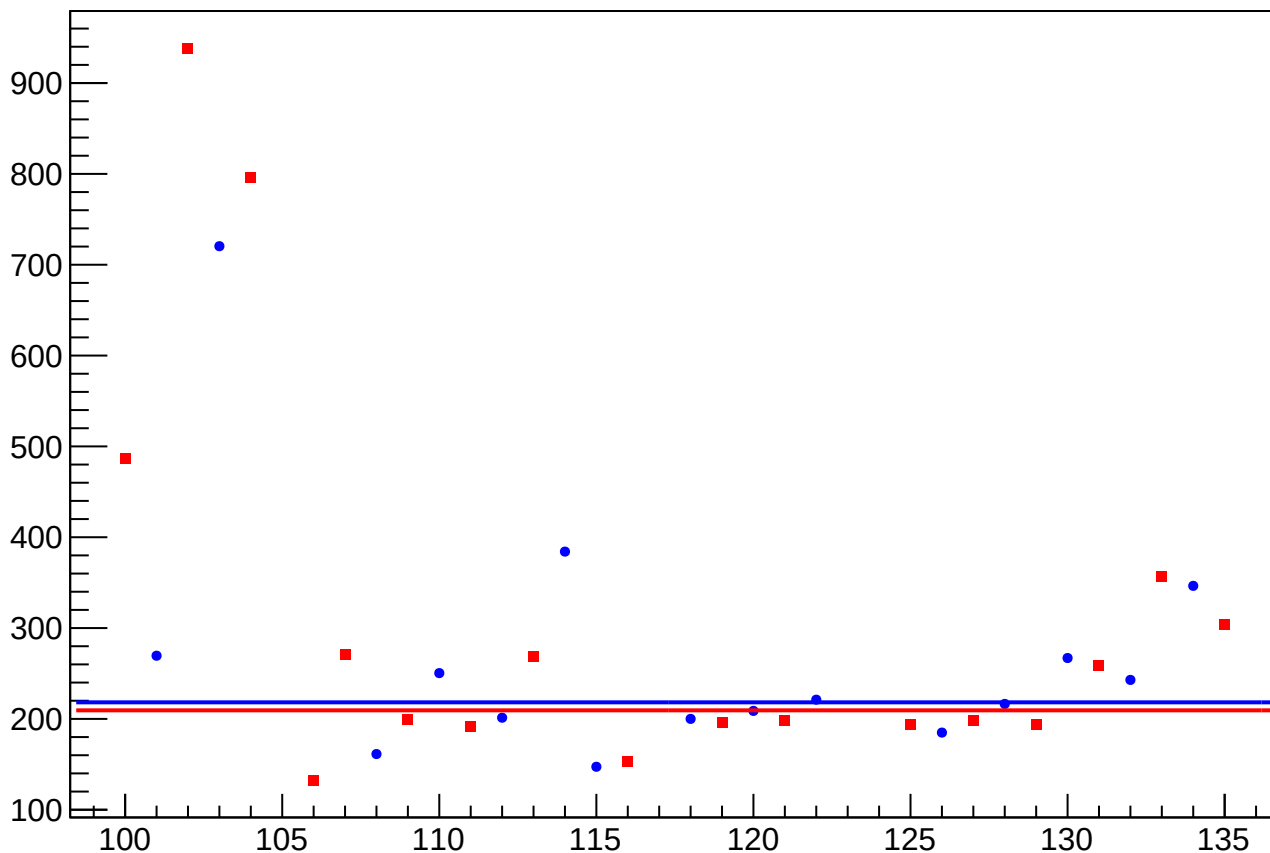
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.064 χ^2/NDF : 42.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 218.236+/-0.066 χ^2/NDF : 975893.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

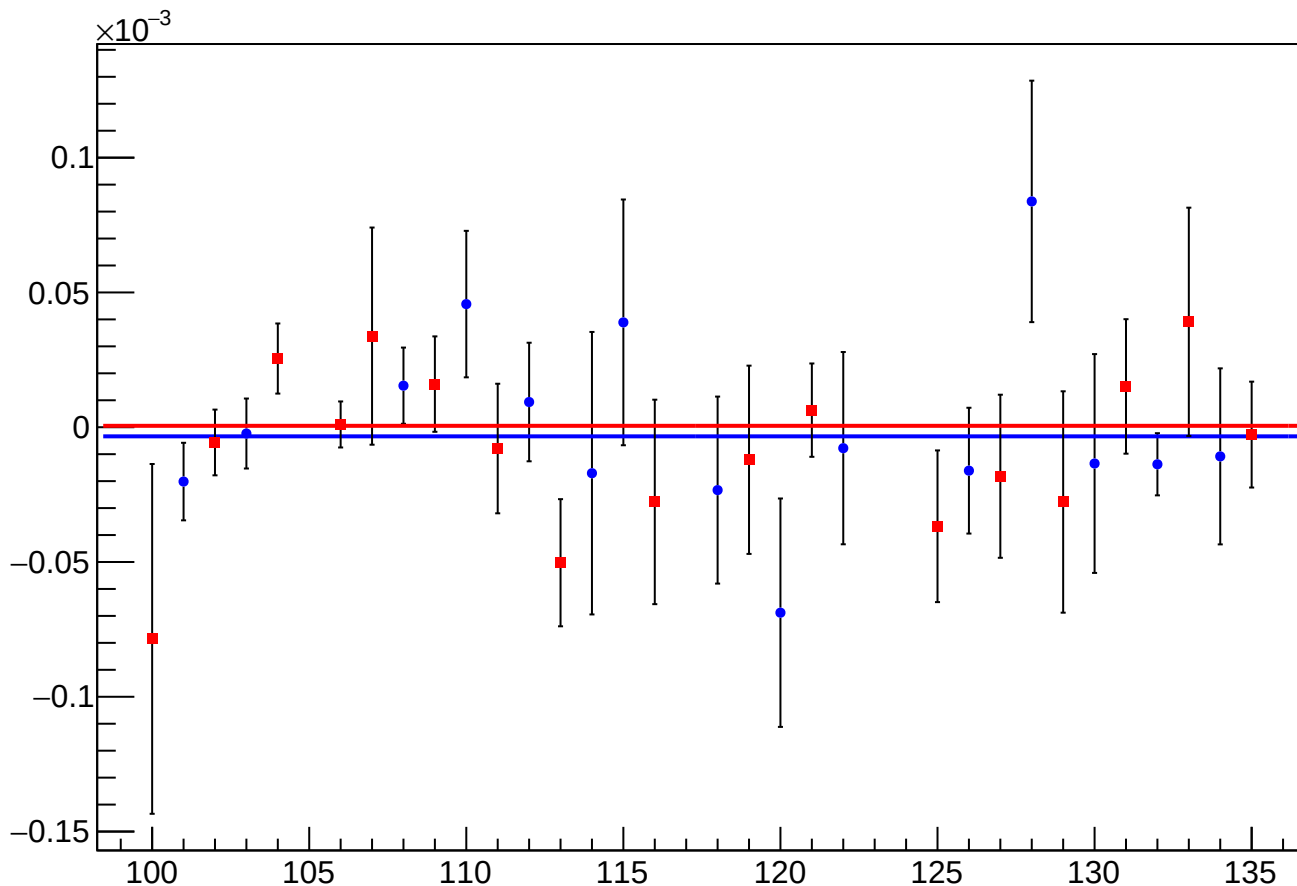
Right Out: 209.425+/-0.063 χ^2/NDF : 1544104.1/16

All: 213.599+/-0.045 χ^2/NDF : 2529350.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/16

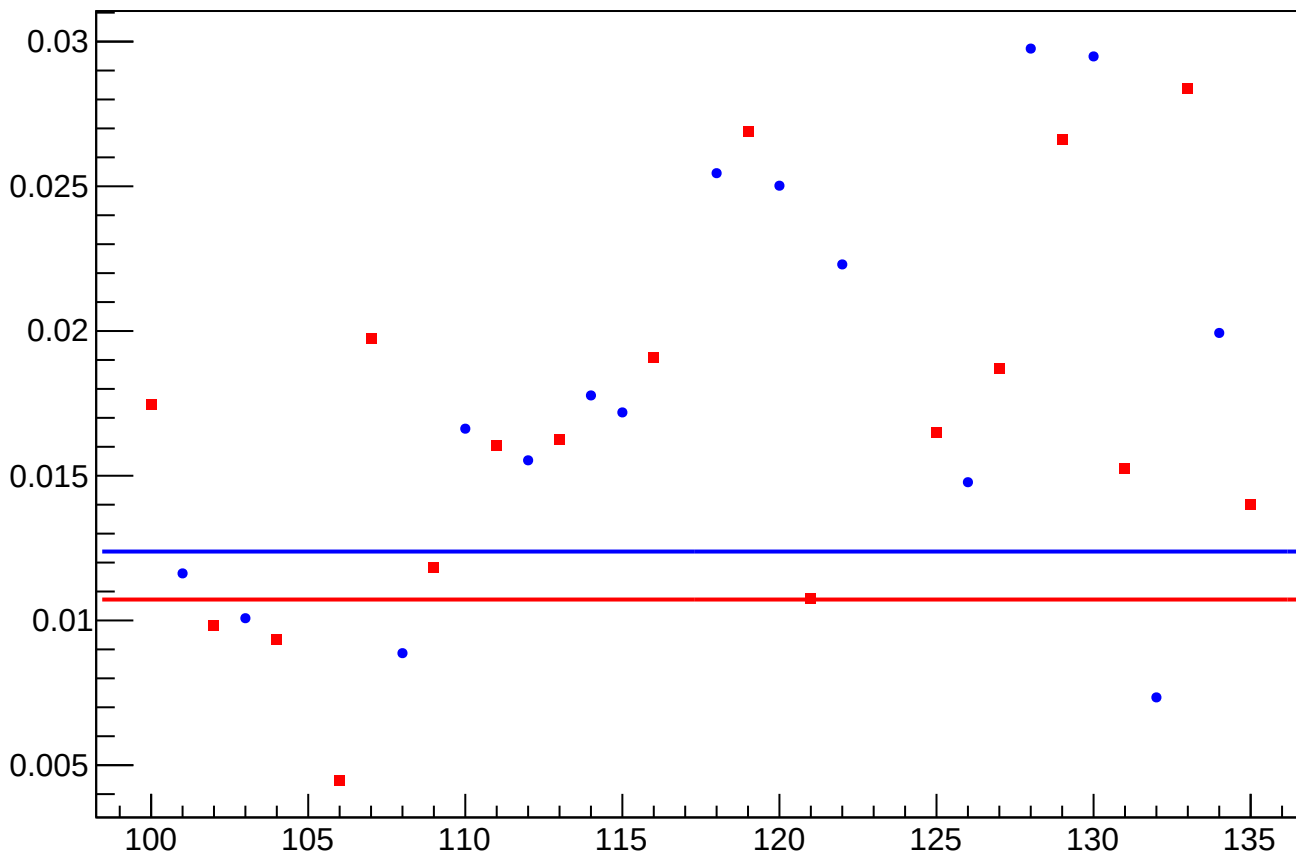
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 31.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 2108127.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 2966776.8/16

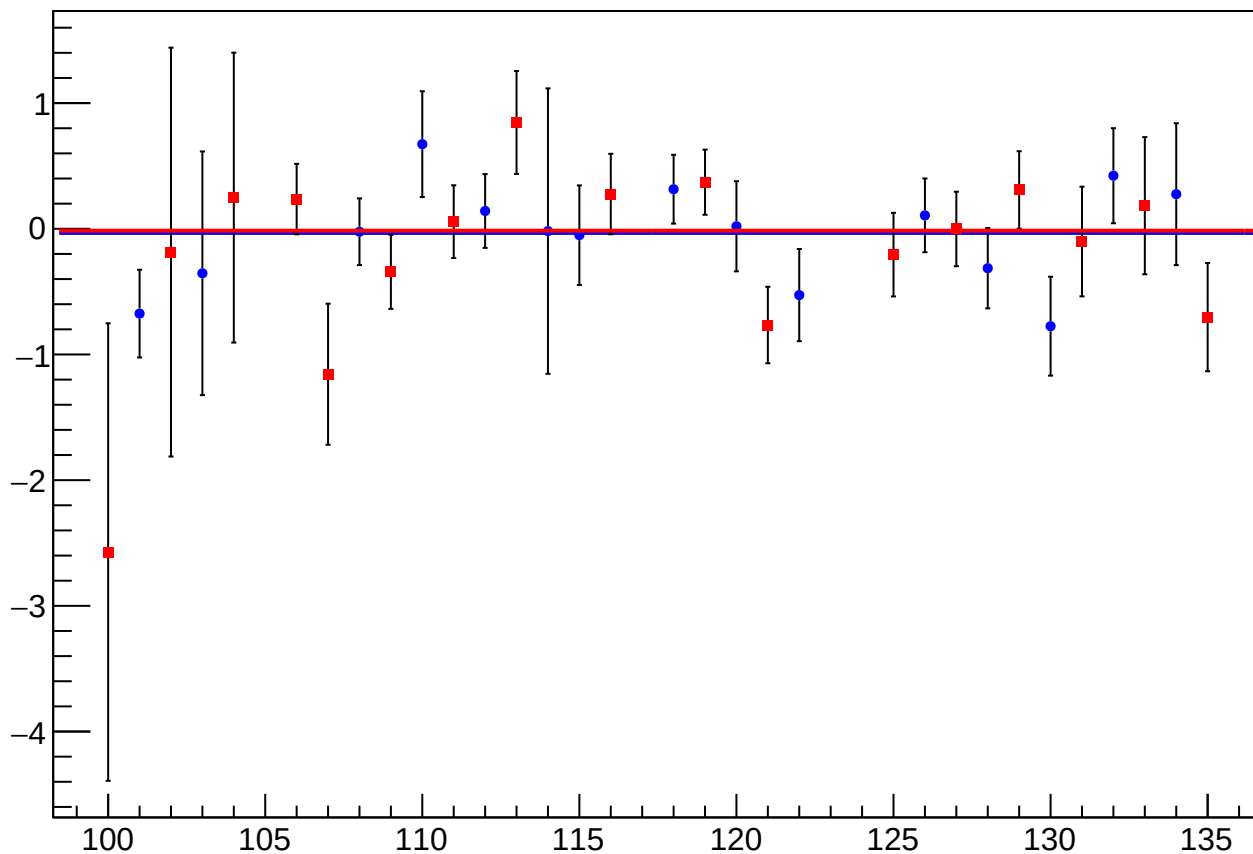
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 5182181.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.033±0.093 χ^2/NDF : 16.4/14

Left Out: 0.000±0.000 χ^2/NDF : 0.0/0

Right Out: -0.015±0.089 χ^2/NDF : 26.0/16

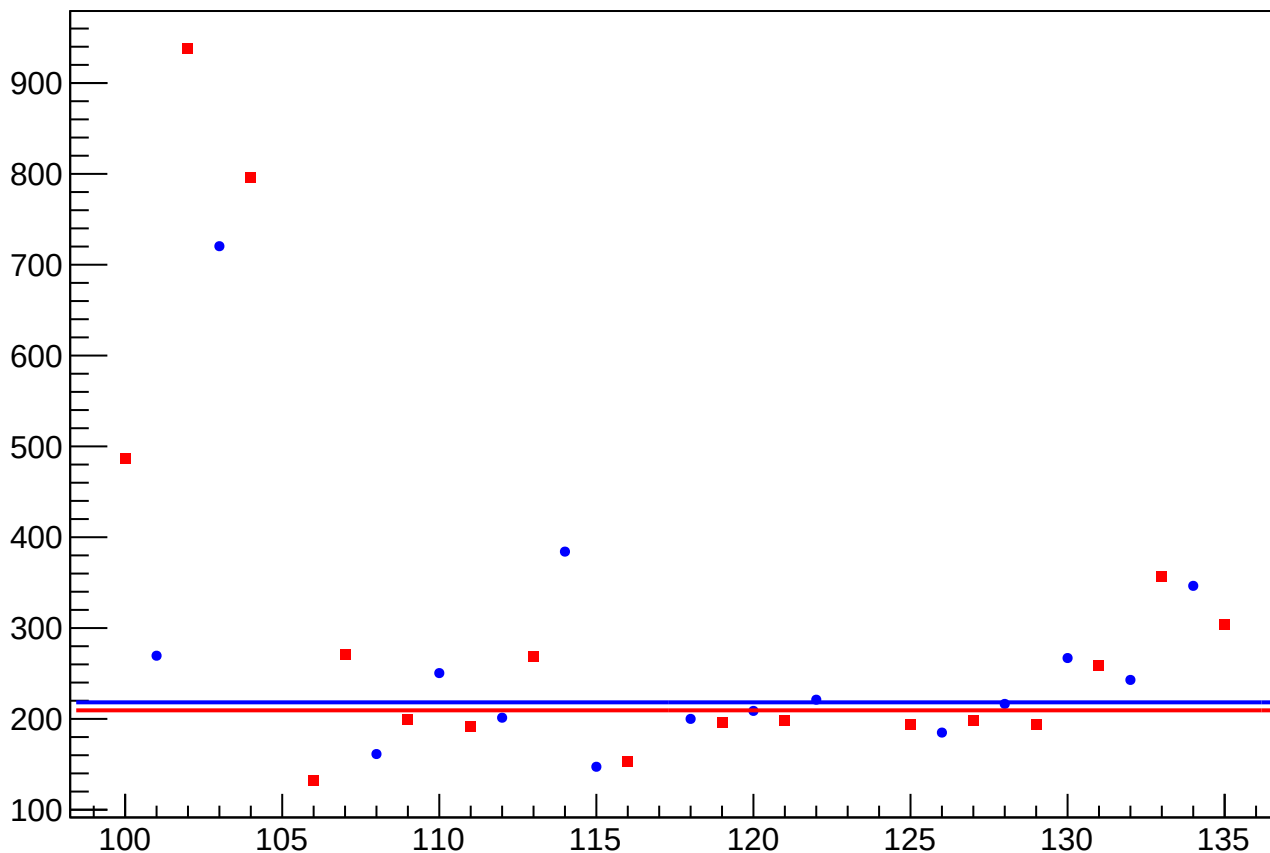
Left In: 0.000±0.000 χ^2/NDF : 0.0/0

+ sign 0.000±0.000 χ^2/NDF : 0.0/0

All: -0.023±0.064 χ^2/NDF : 42.4/31

- sign 0.000±0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 218.234+/-0.066 χ^2/NDF : 975867.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

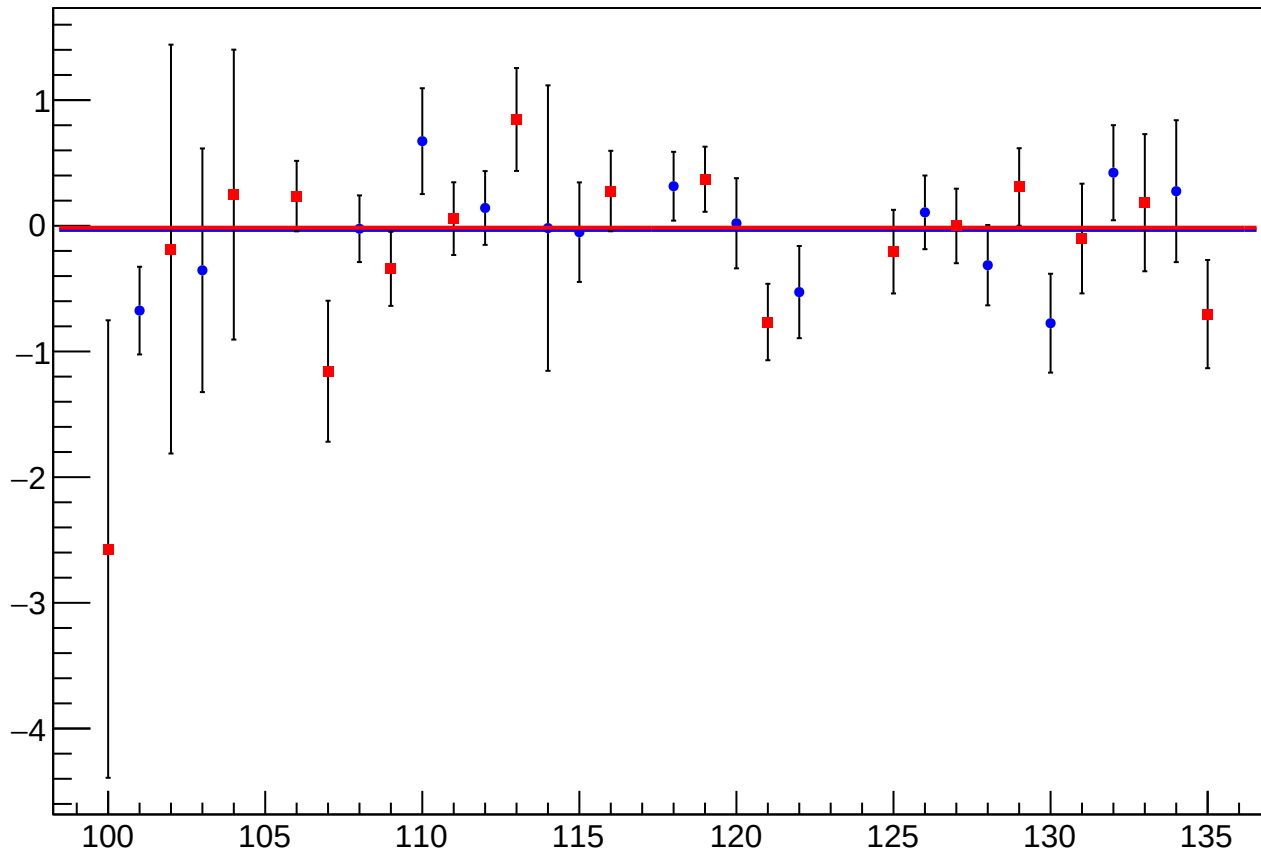
Right Out: 209.423+/-0.063 χ^2/NDF : 1544084.1/16

All: 213.597+/-0.045 χ^2/NDF : 2529305.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.033+/-0.093 χ^2/NDF : 16.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.015+/-0.089 χ^2/NDF : 26.0/16

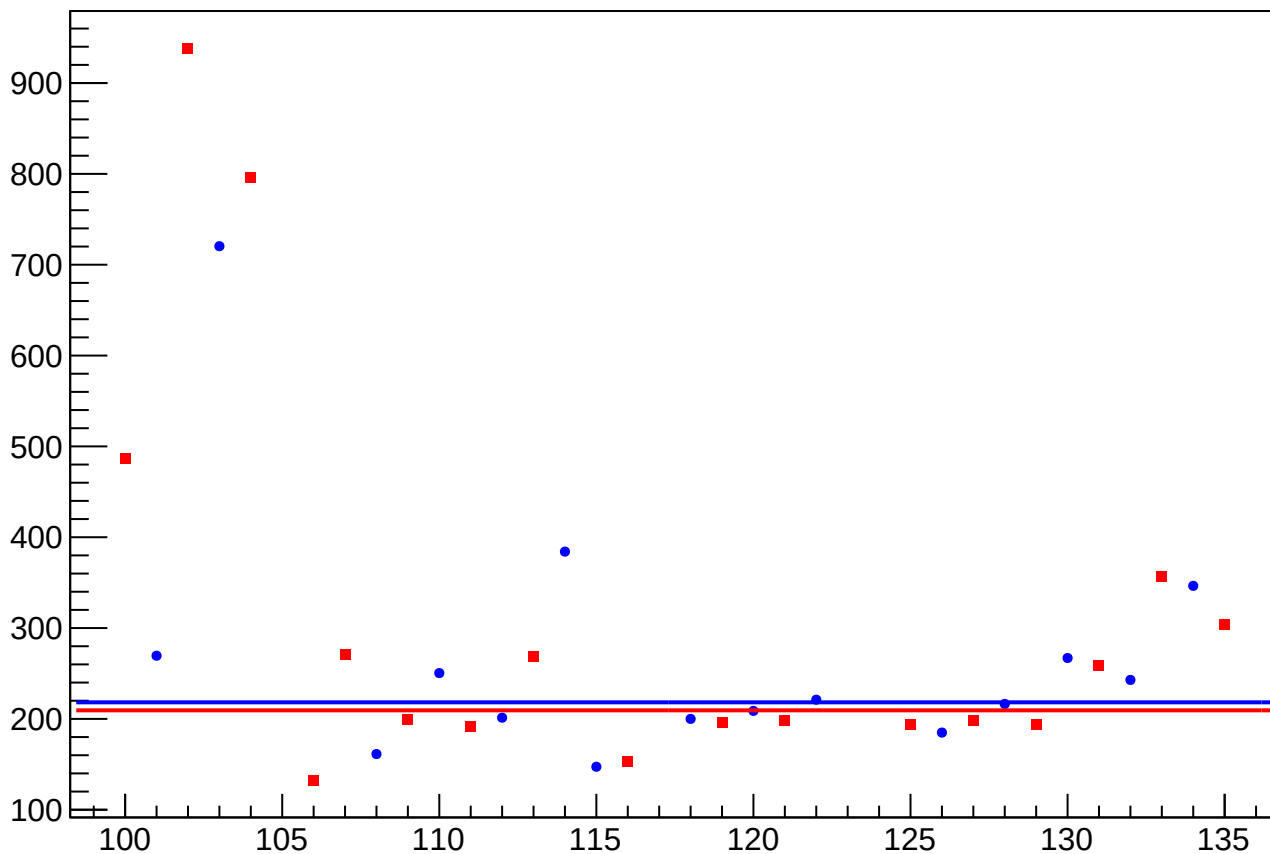
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.023+/-0.064 χ^2/NDF : 42.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 218.234+/-0.066 χ^2/NDF : 975867.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

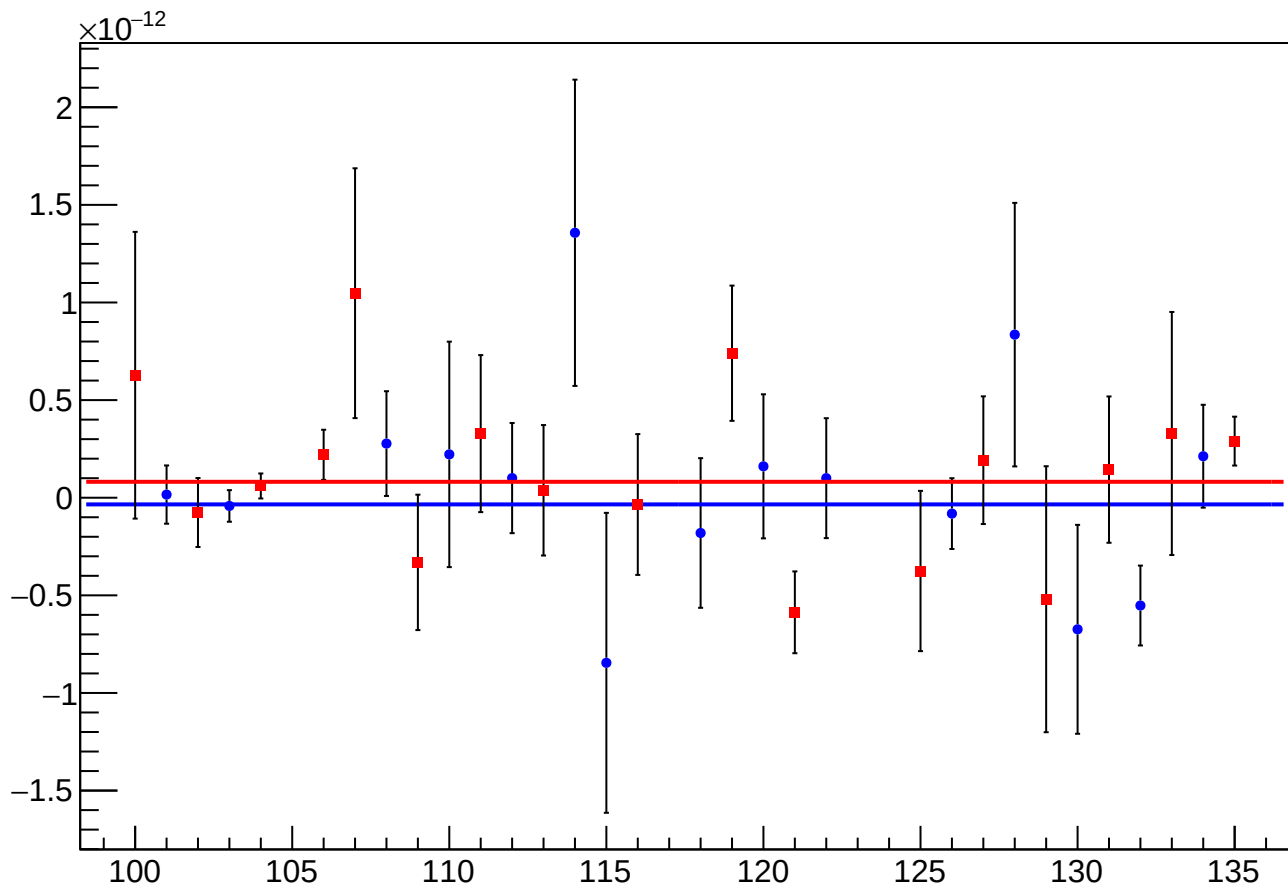
Right Out: 209.423+/-0.063 χ^2/NDF : 1544084.1/16

All: 213.597+/-0.045 χ^2/NDF : 2529305.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 $\chi^2/\text{NDF}: 17.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 25.7/16$

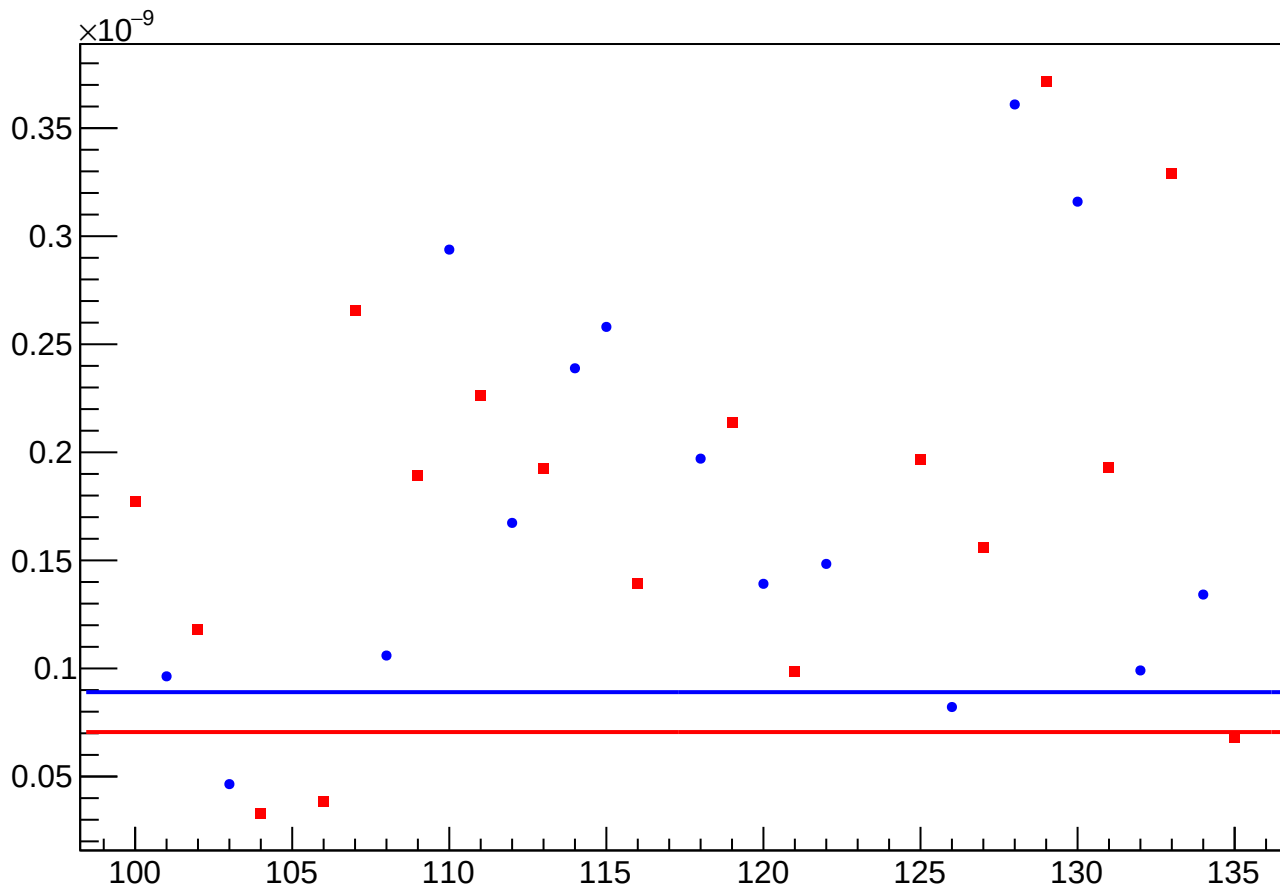
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.000 ± 0.000 $\chi^2/\text{NDF}: 45.6/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_avg_atlr_avg_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2162612.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3723360.4/16

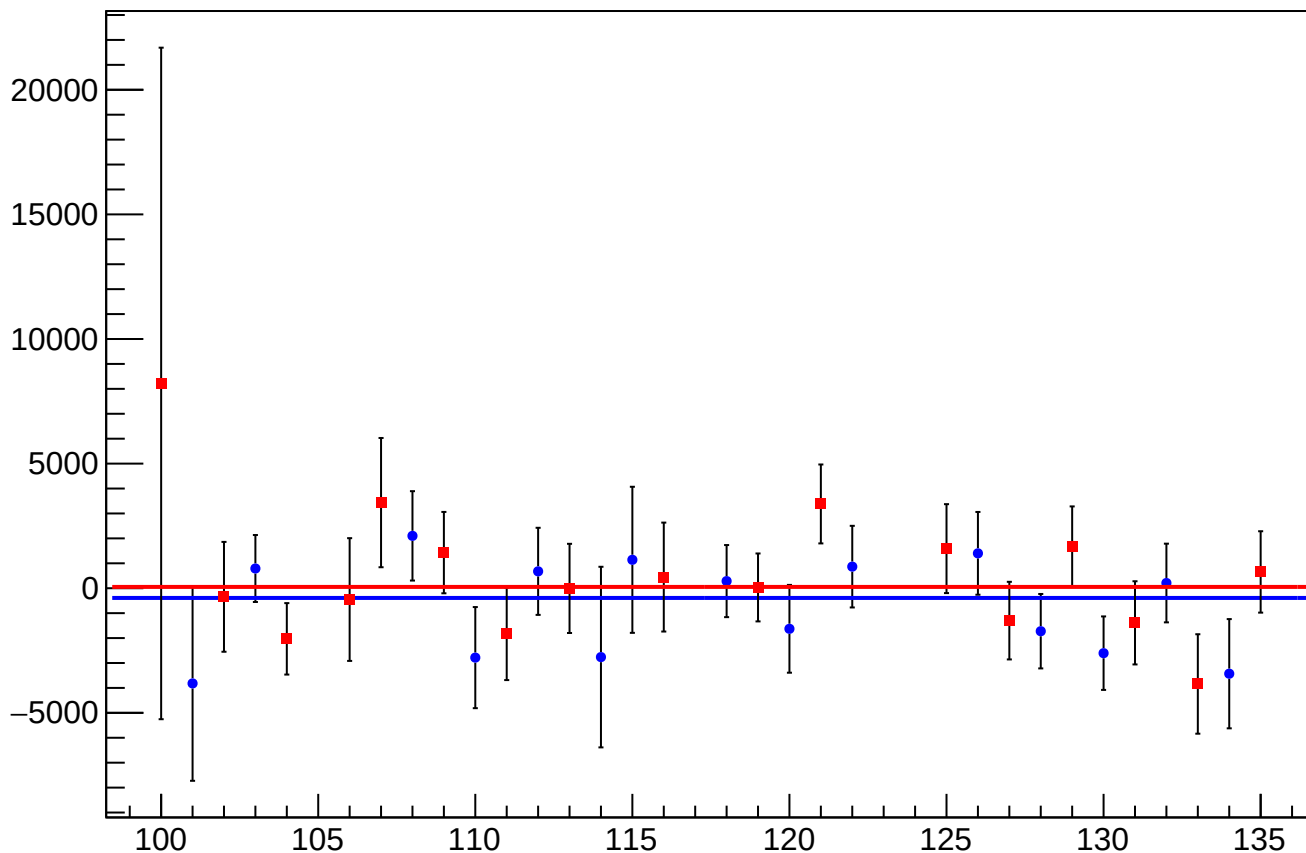
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6020859.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -389.607 ± 458.959 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 52.603 ± 437.073 χ^2/NDF : 17.7/16

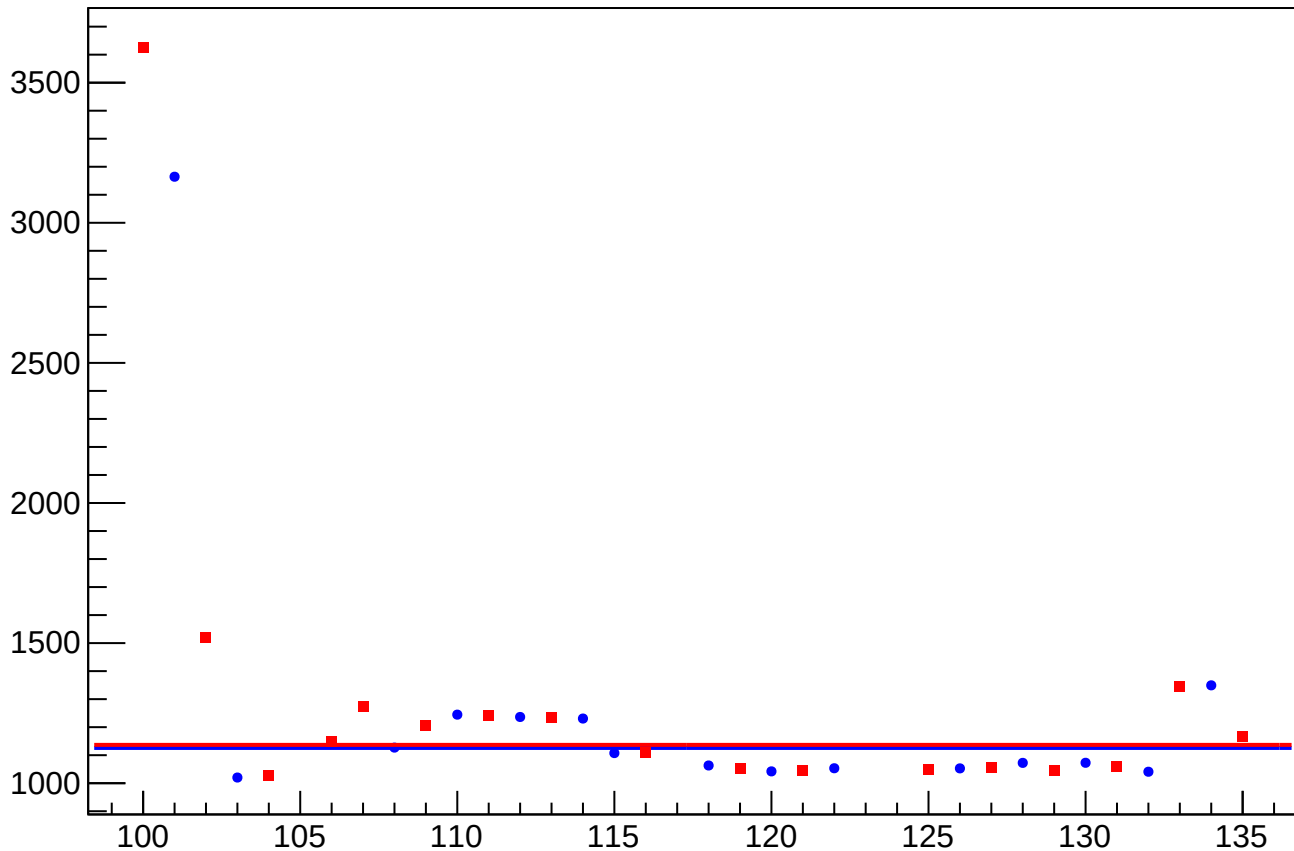
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -157.708 ± 316.512 χ^2/NDF : 31.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1125.894+/-0.325 χ^2/NDF : 621057.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1136.811+/-0.308 χ^2/NDF : 220066.6/16

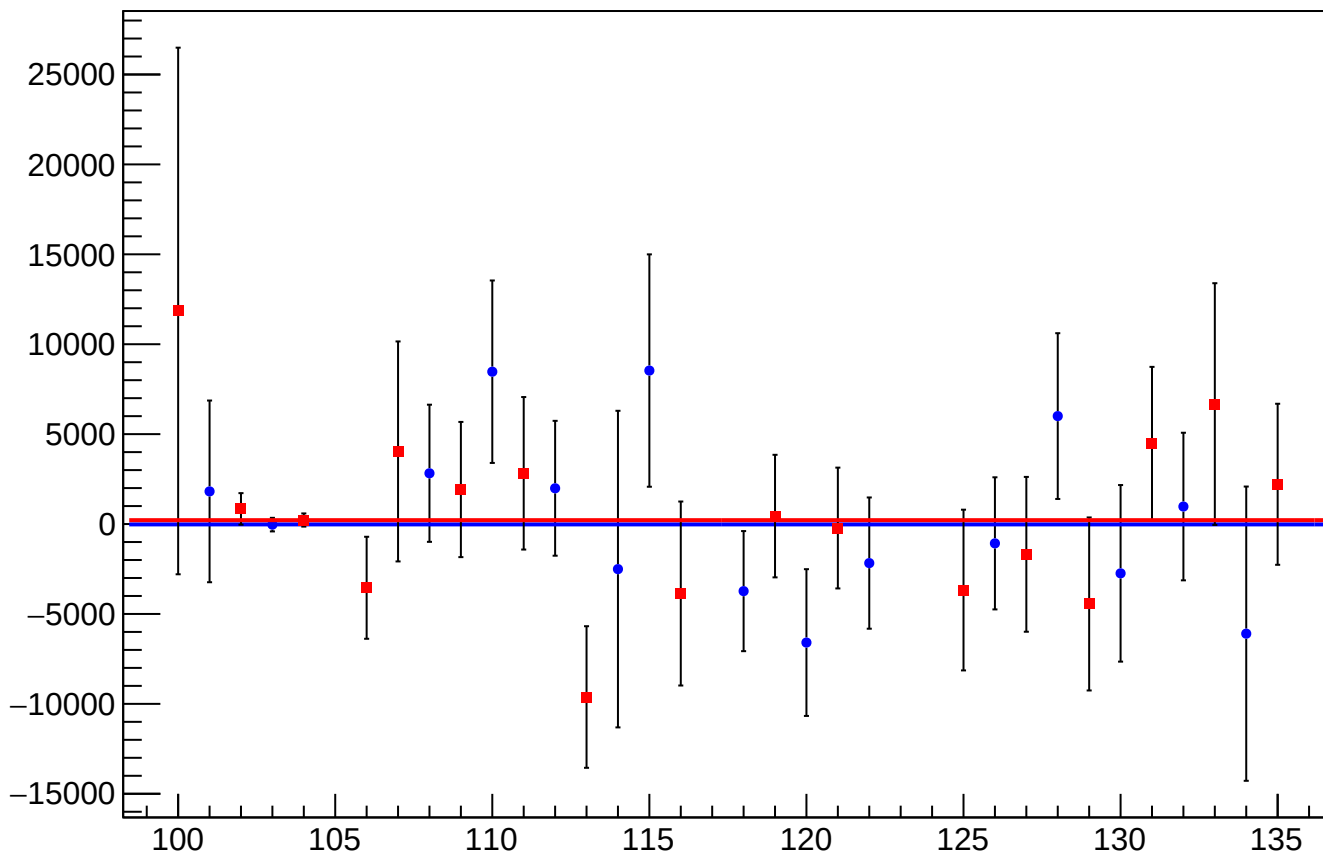
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1131.629+/-0.224 χ^2/NDF : 841718.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_mean vs Slug



Right In: -20.268 ± 359.683 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 215.471 ± 322.889 χ^2/NDF : 14.8/16

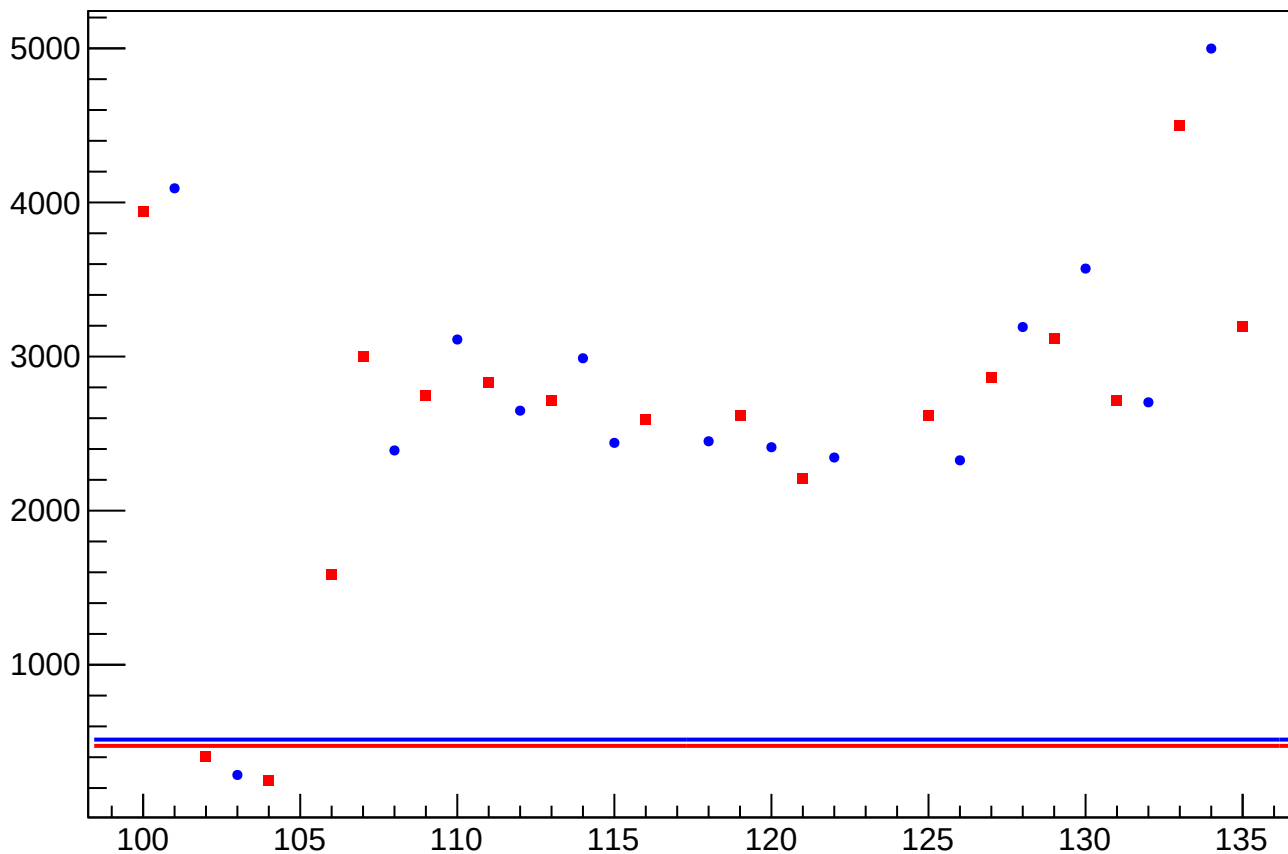
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 110.272 ± 240.276 χ^2/NDF : 27.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_correction_rms vs Slug



Right In: 514.323+/-0.254 χ^2/NDF : 8447057.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 473.566+/-0.228 χ^2/NDF : 8896492.9/16

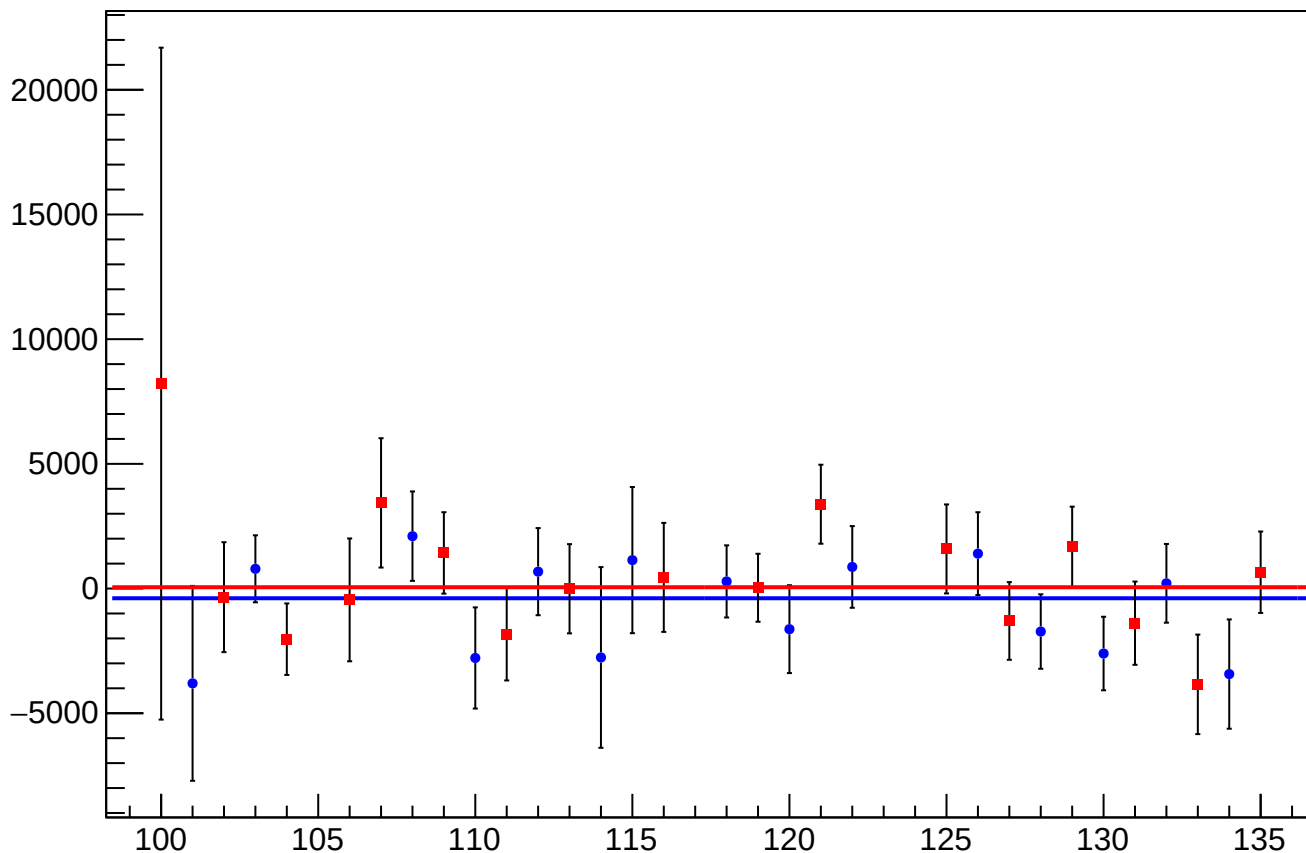
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 491.754+/-0.170 χ^2/NDF : 17357771.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -389.338+/-458.959 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.454+/-437.073 χ^2/NDF : 17.7/16

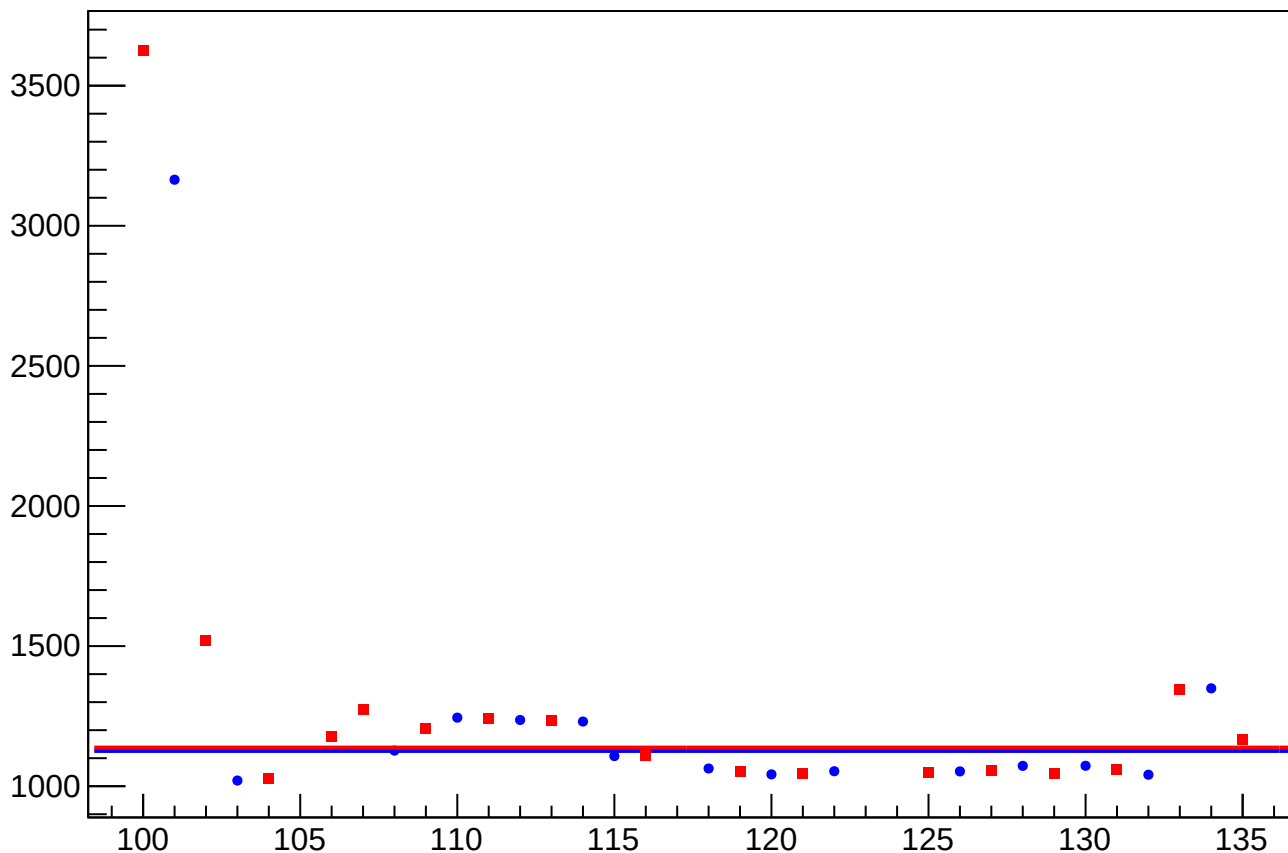
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.657+/-316.512 χ^2/NDF : 31.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.797+/-0.309 χ^2/NDF : 220609.4/16

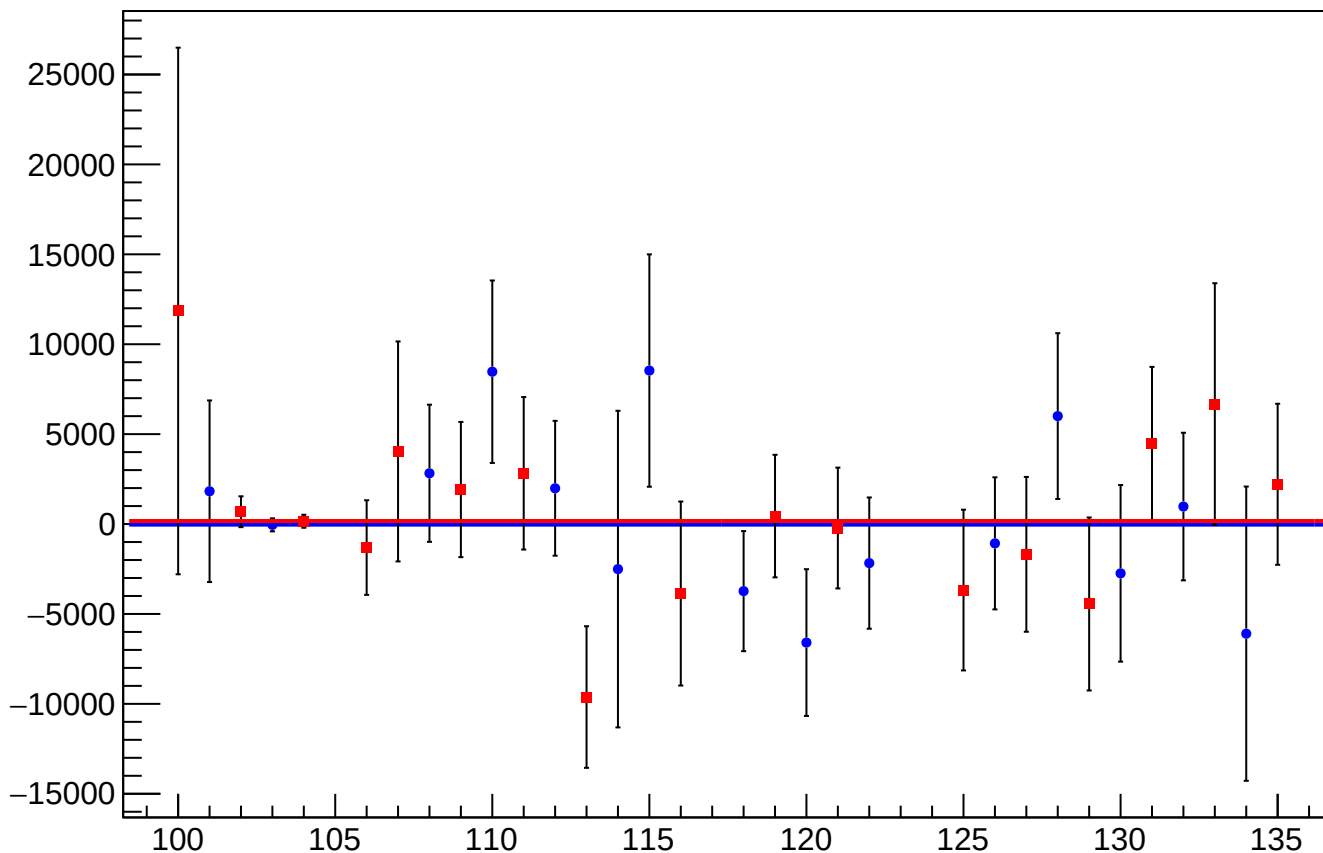
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.139+/-0.224 χ^2/NDF : 842373.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_mean vs Slug



Right In: -32.835 ± 346.341 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 169.525 ± 317.695 χ^2/NDF : 13.1/16

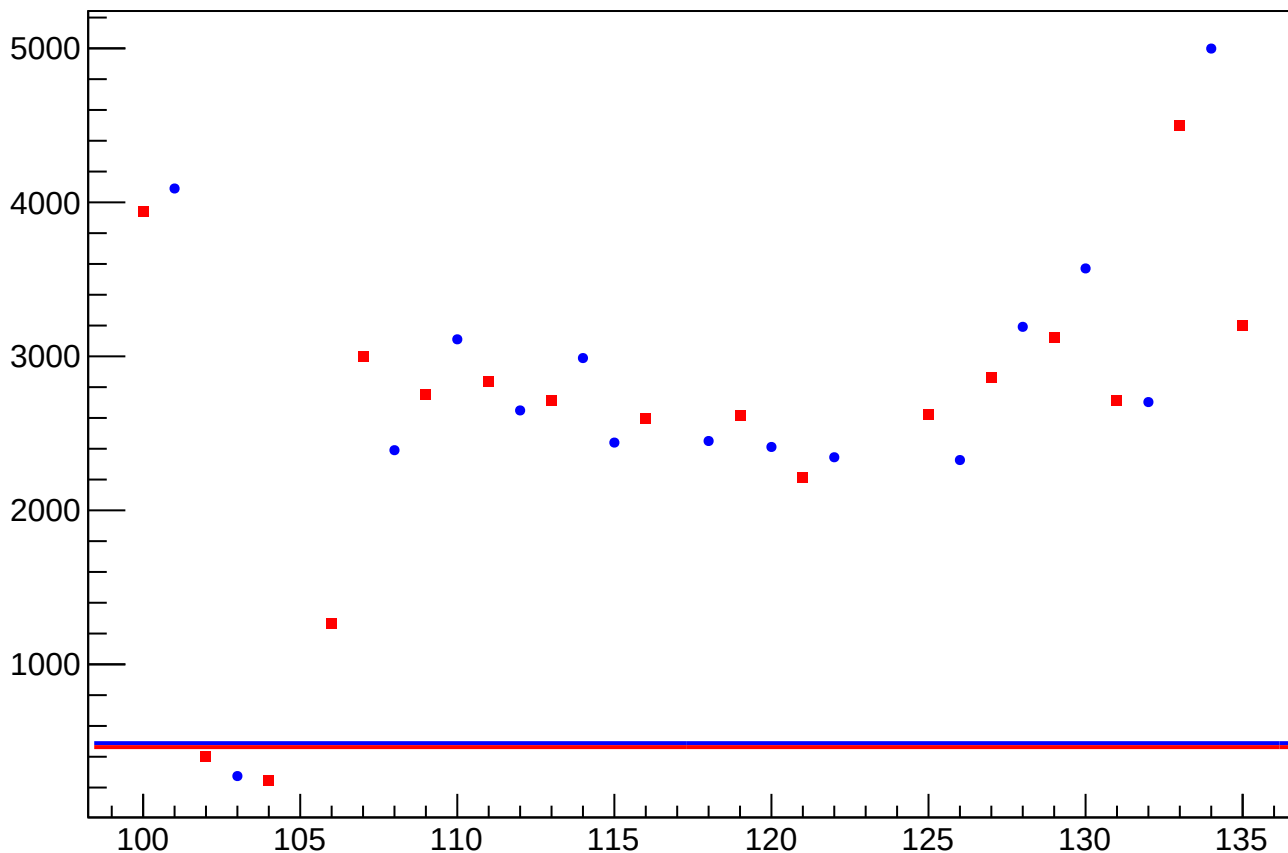
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 77.058 ± 234.117 χ^2/NDF : 25.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_cor_correction_rms vs Slug



Right In: 488.173+/-0.245 χ^2/NDF : 8573341.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.531+/-0.225 χ^2/NDF : 8817297.8/16

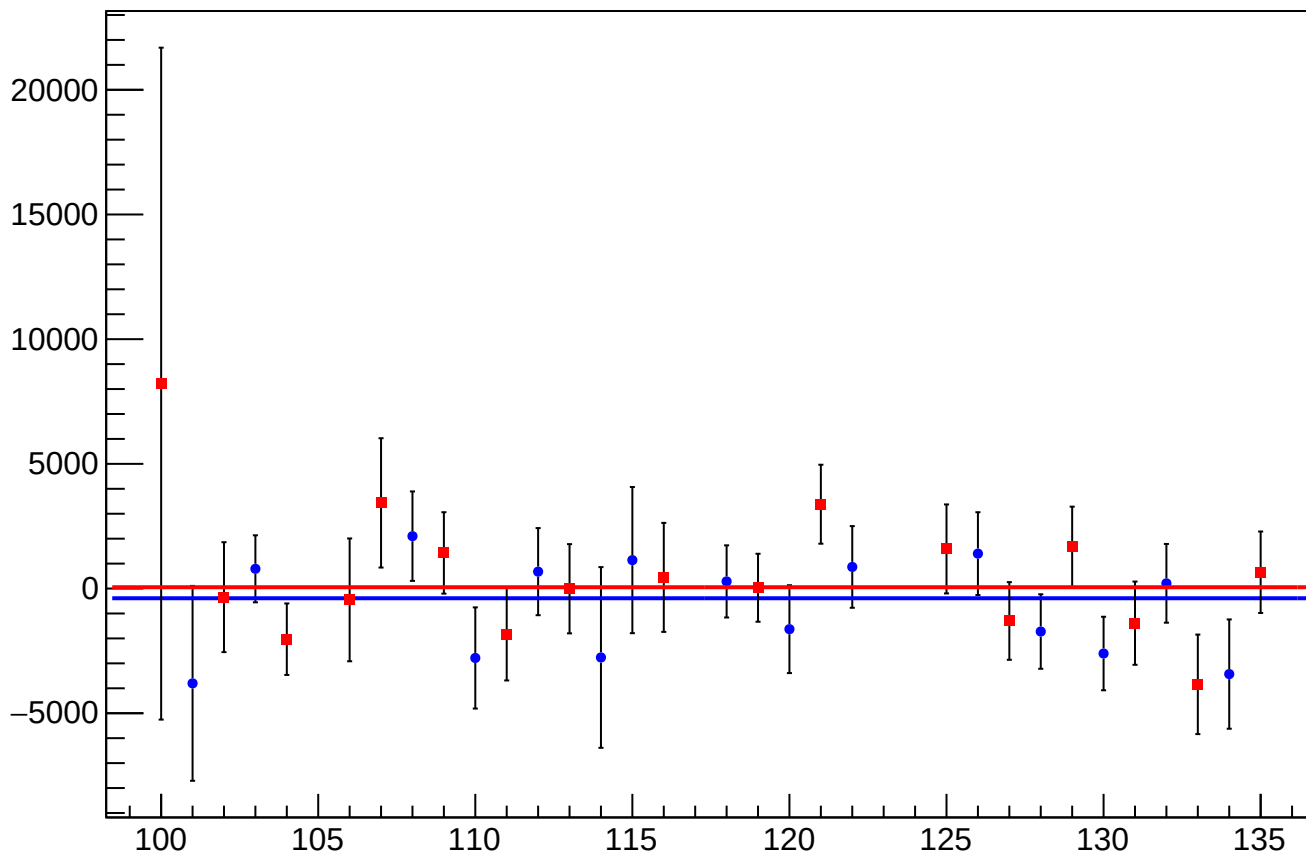
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.248+/-0.166 χ^2/NDF : 17396593.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -389.338 $\pm$ 458.959 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 52.454 $\pm$ 437.073 χ^2 /NDF: 17.7/16

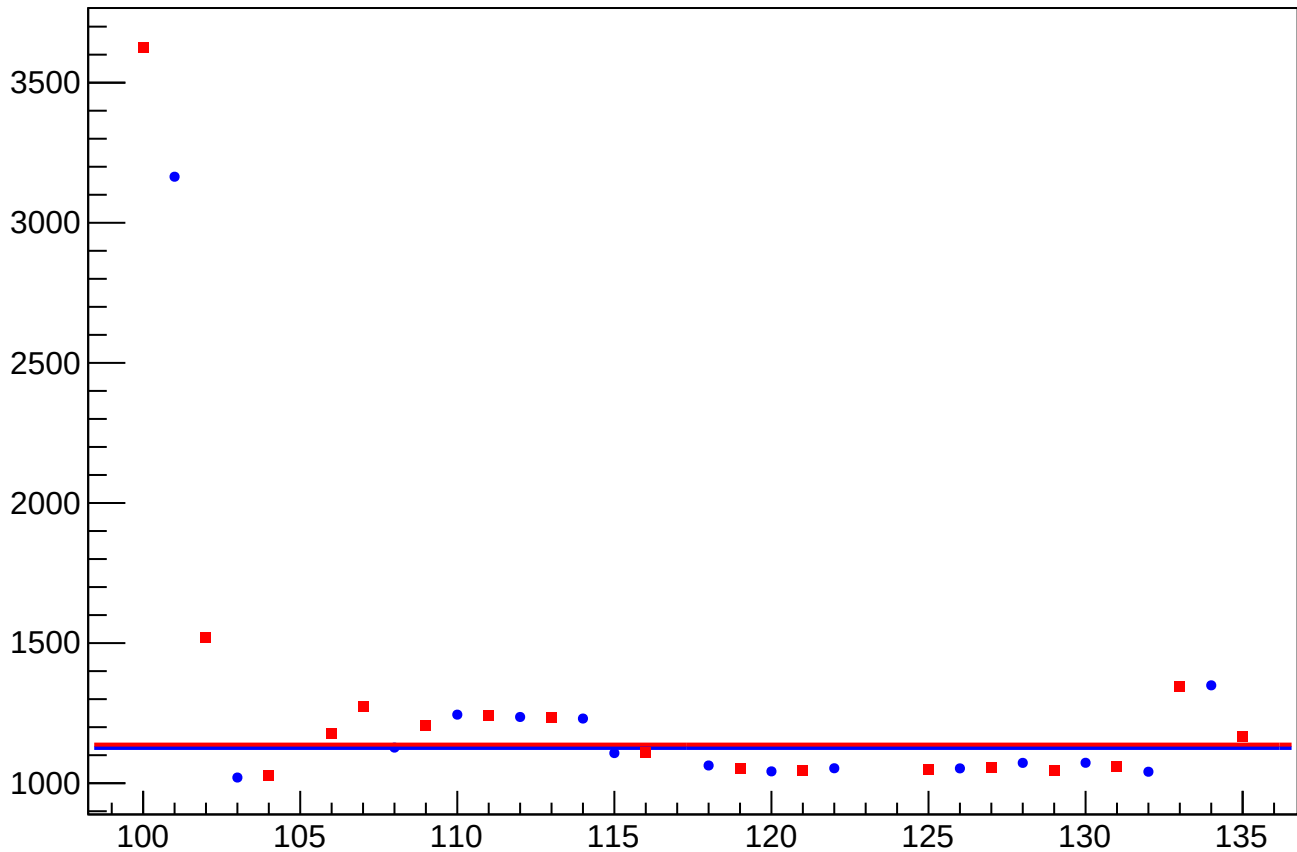
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -157.657 $\pm$ 316.512 χ^2 /NDF: 31.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1125.894+/-0.325 χ^2/NDF : 621058.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1137.797+/-0.309 χ^2/NDF : 220609.4/16

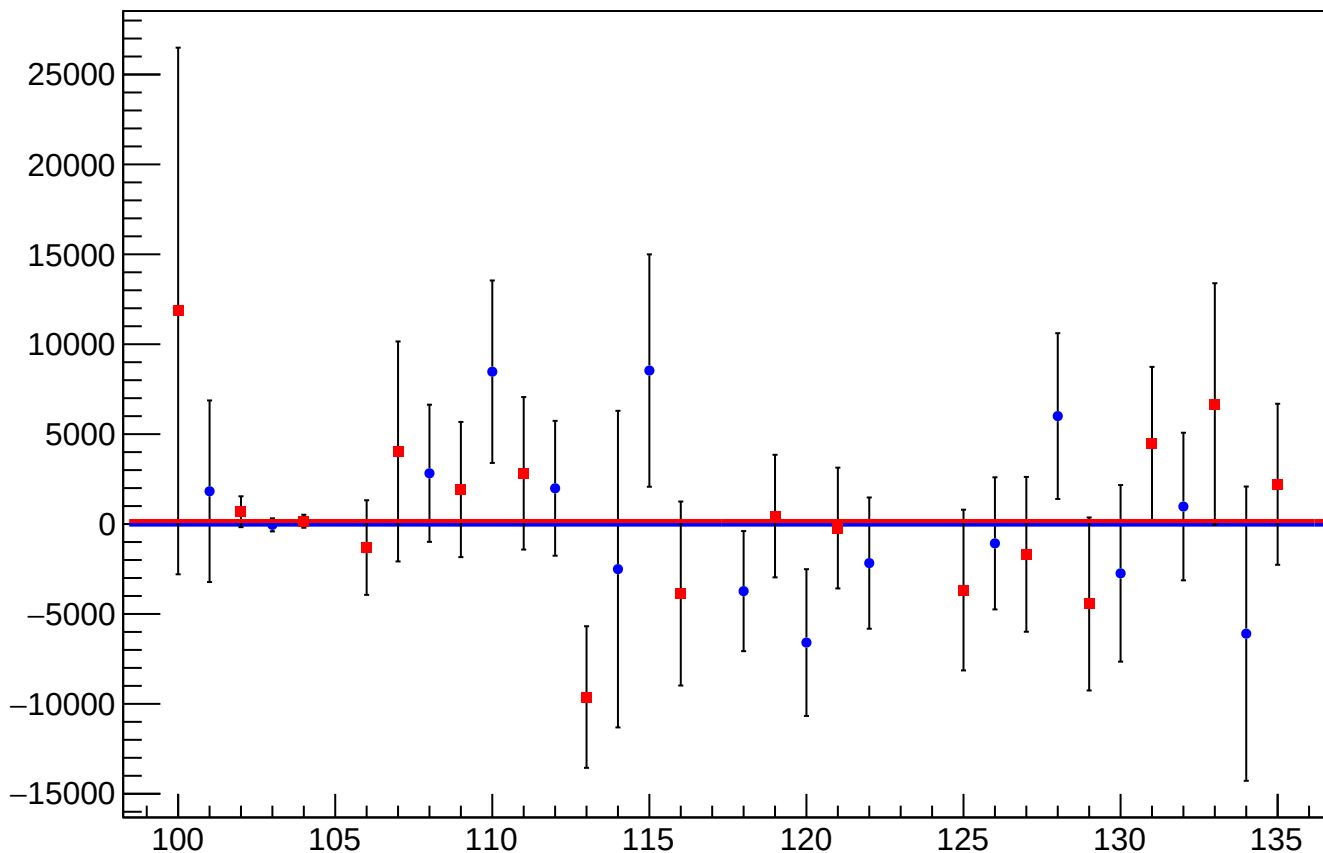
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1132.139+/-0.224 χ^2/NDF : 842373.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_mean vs Slug



Right In: -32.835+/-346.341 χ^2/NDF : 12.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.525+/-317.695 χ^2/NDF : 13.1/16

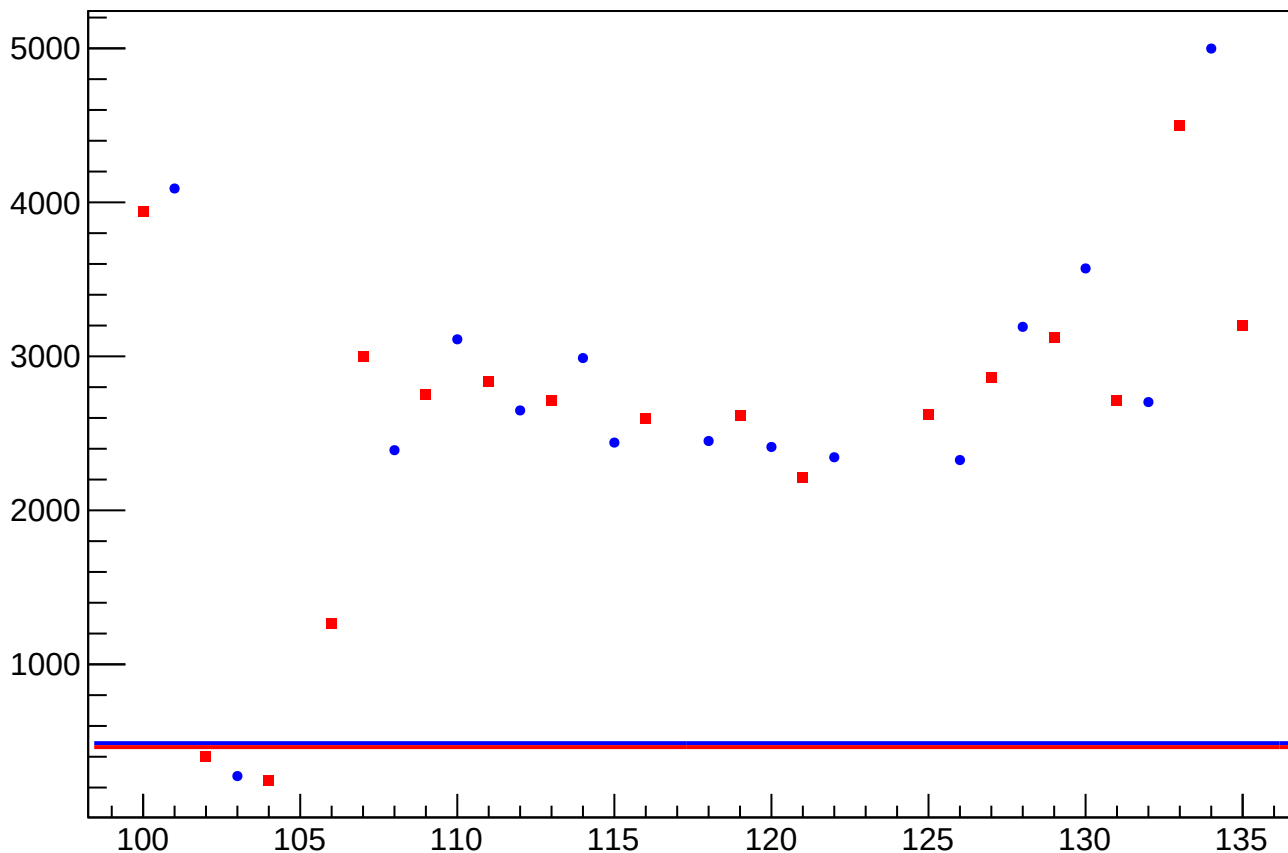
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.058+/-234.117 χ^2/NDF : 25.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_correction_rms vs Slug



Right In: 488.173+/-0.245 χ^2/NDF : 8573341.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 462.531+/-0.225 χ^2/NDF : 8817297.8/16

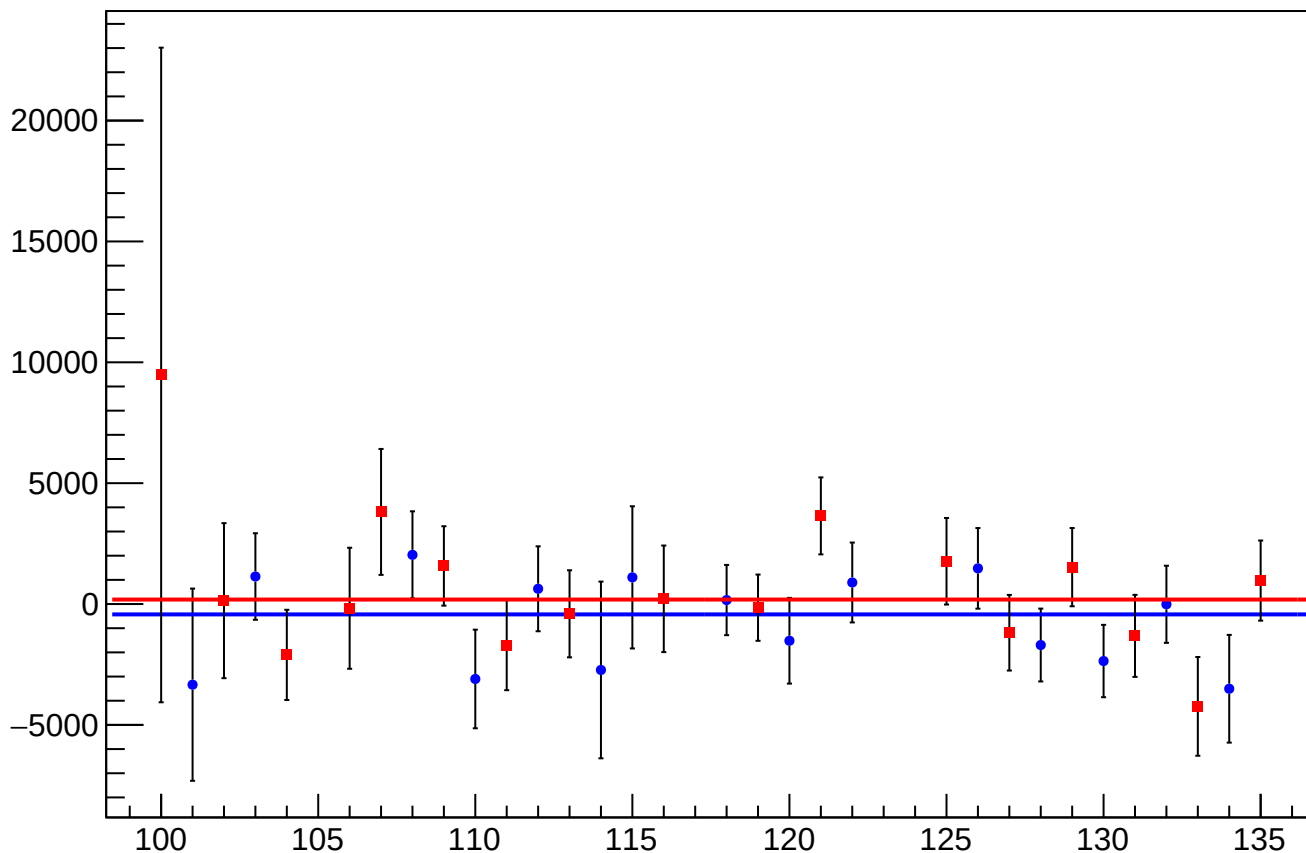
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 474.248+/-0.166 χ^2/NDF : 17396593.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -428.723+/-474.743 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 185.092+/-454.061 χ^2/NDF : 18.5/16

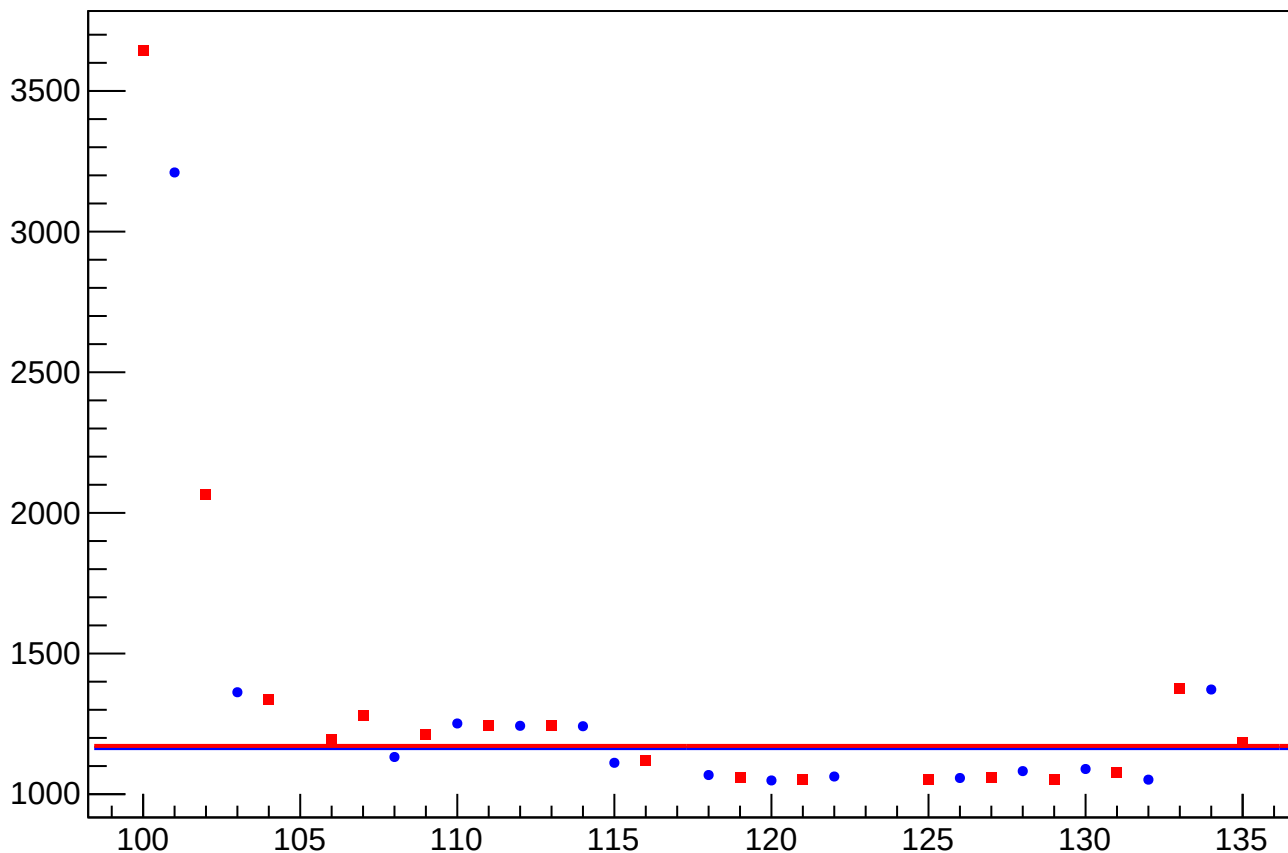
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -108.154+/-328.138 χ^2/NDF : 32.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1163.784+/-0.336 χ^2/NDF : 635294.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.647+/-0.321 χ^2/NDF : 331624.2/16

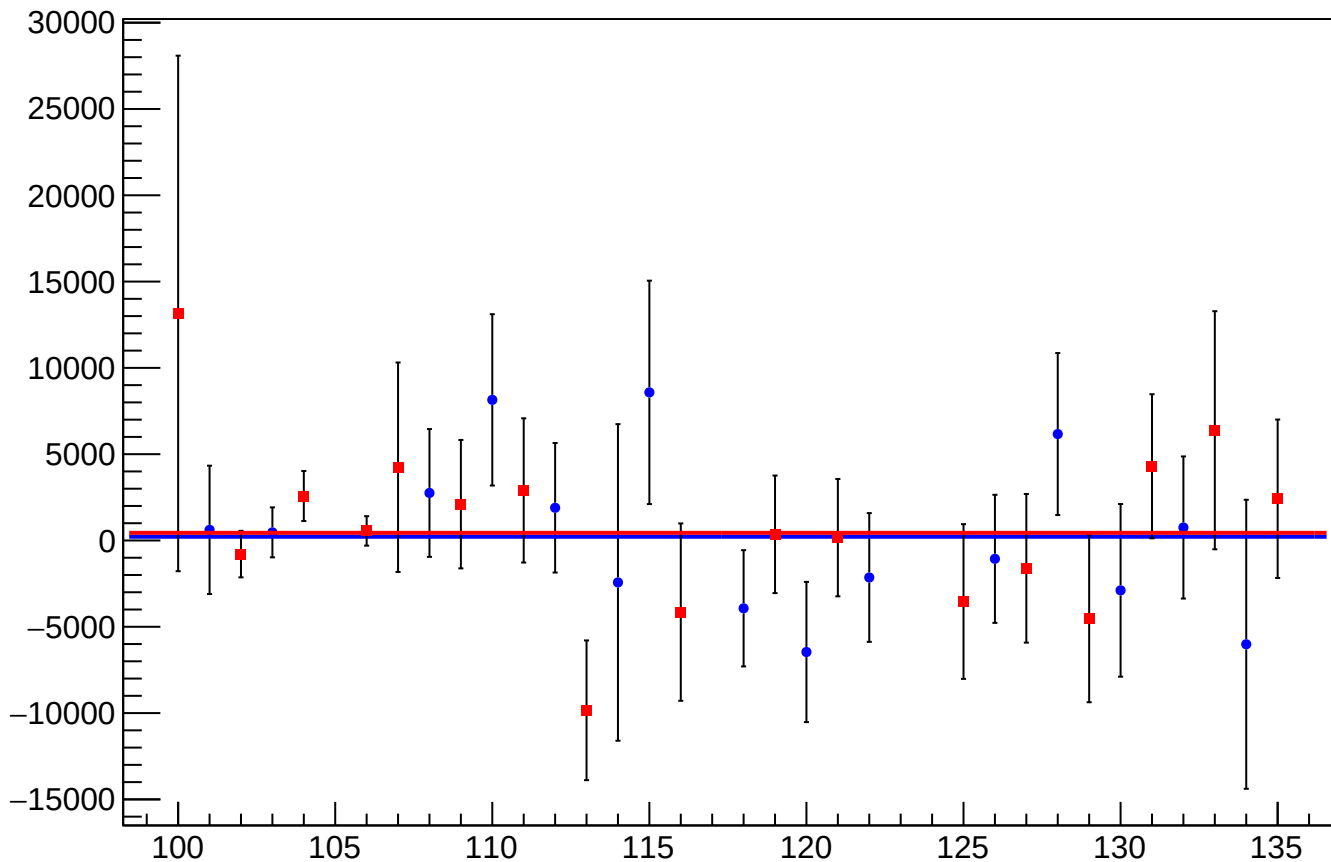
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.892+/-0.232 χ^2/NDF : 967205.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_mean vs Slug



Right In: 216.881+/-904.661 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.611+/-567.630 χ^2/NDF : 15.8/16

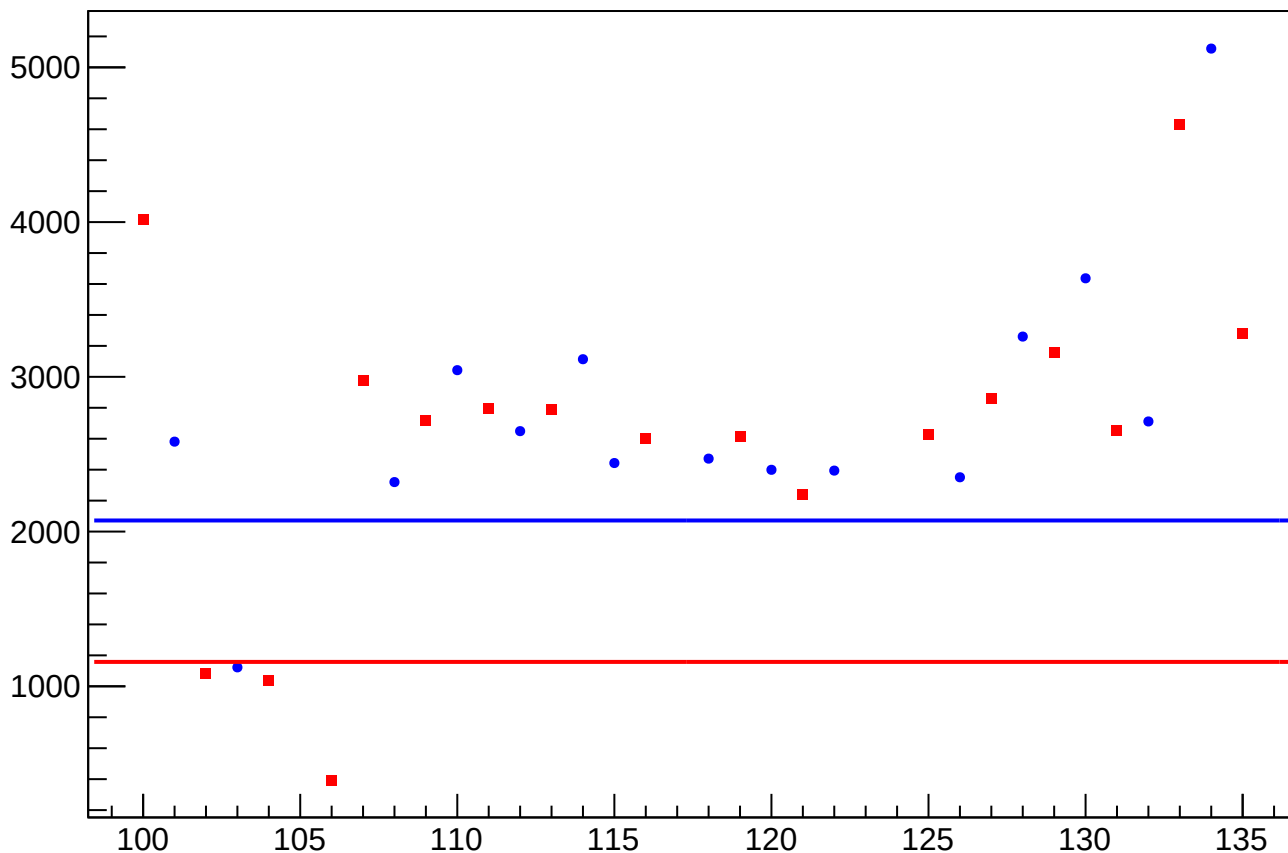
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.846+/-480.819 χ^2/NDF : 28.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_correction_rms vs Slug



Right In: 2071.704+/-0.640 χ^2/NDF : 1768072.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

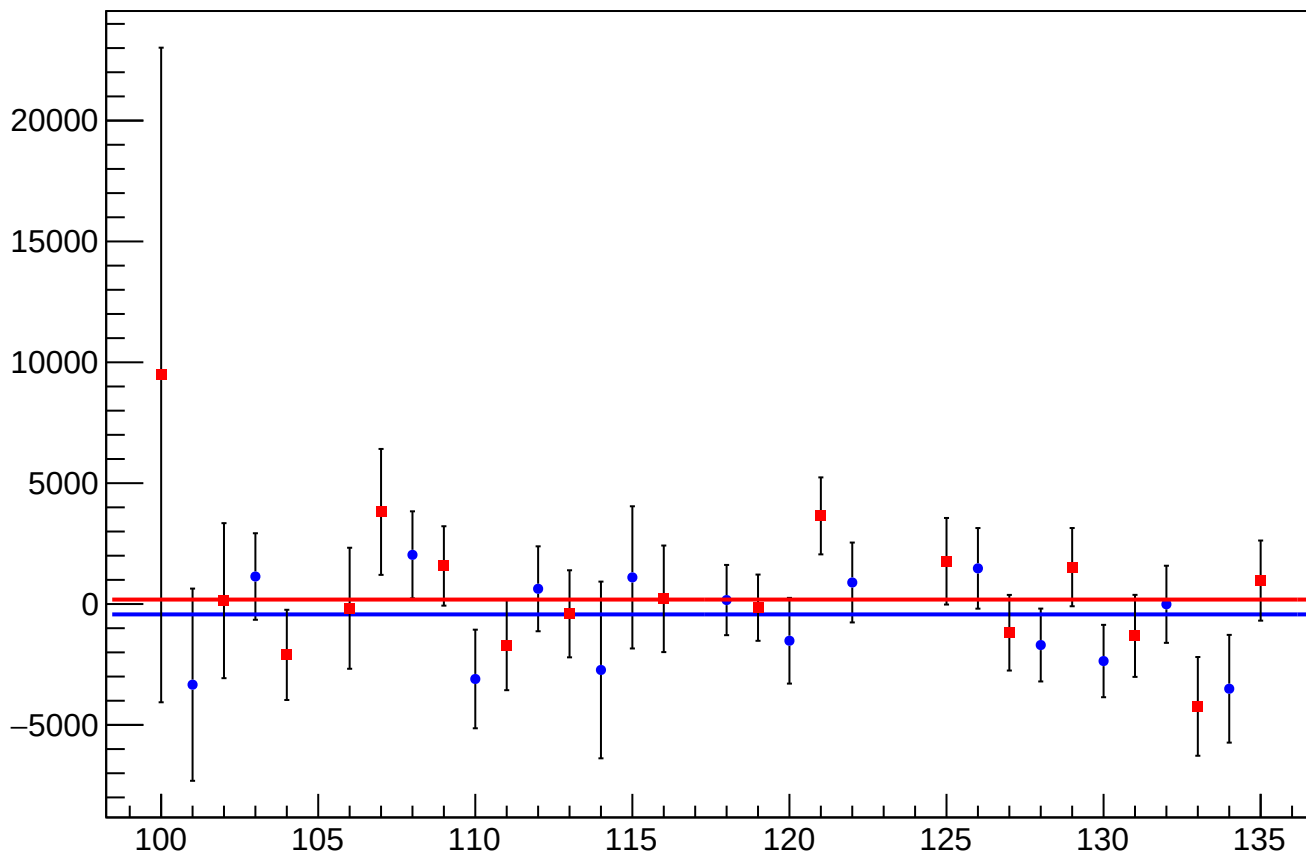
Right Out: 1157.709+/-0.401 χ^2/NDF : 5651512.3/16

All: 1415.897+/-0.340 χ^2/NDF : 8884386.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: -428.722 ± 474.743 χ^2/NDF : 12.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 185.096 ± 454.061 χ^2/NDF : 18.5/16

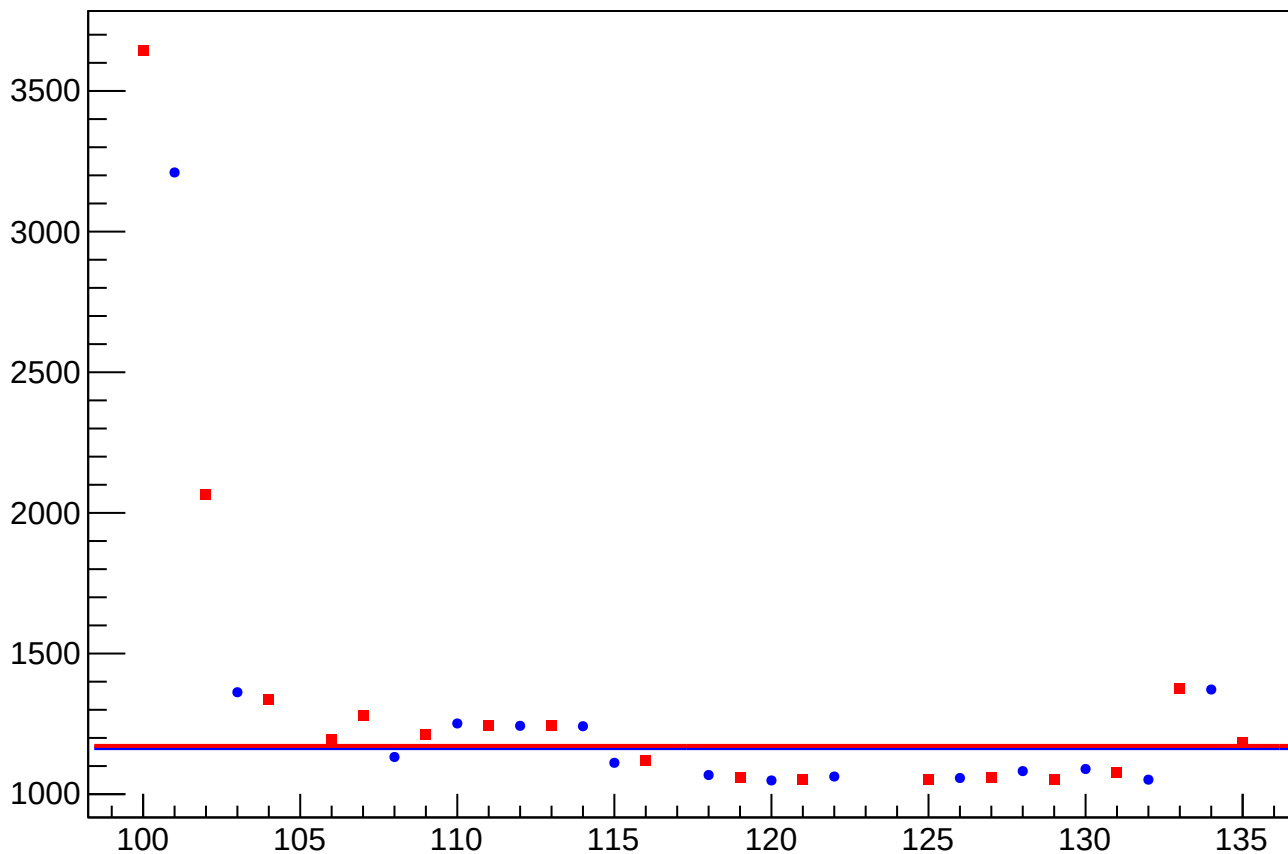
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -108.152 ± 328.138 χ^2/NDF : 32.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 1163.784+/-0.336 χ^2/NDF : 635294.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1171.647+/-0.321 χ^2/NDF : 331623.8/16

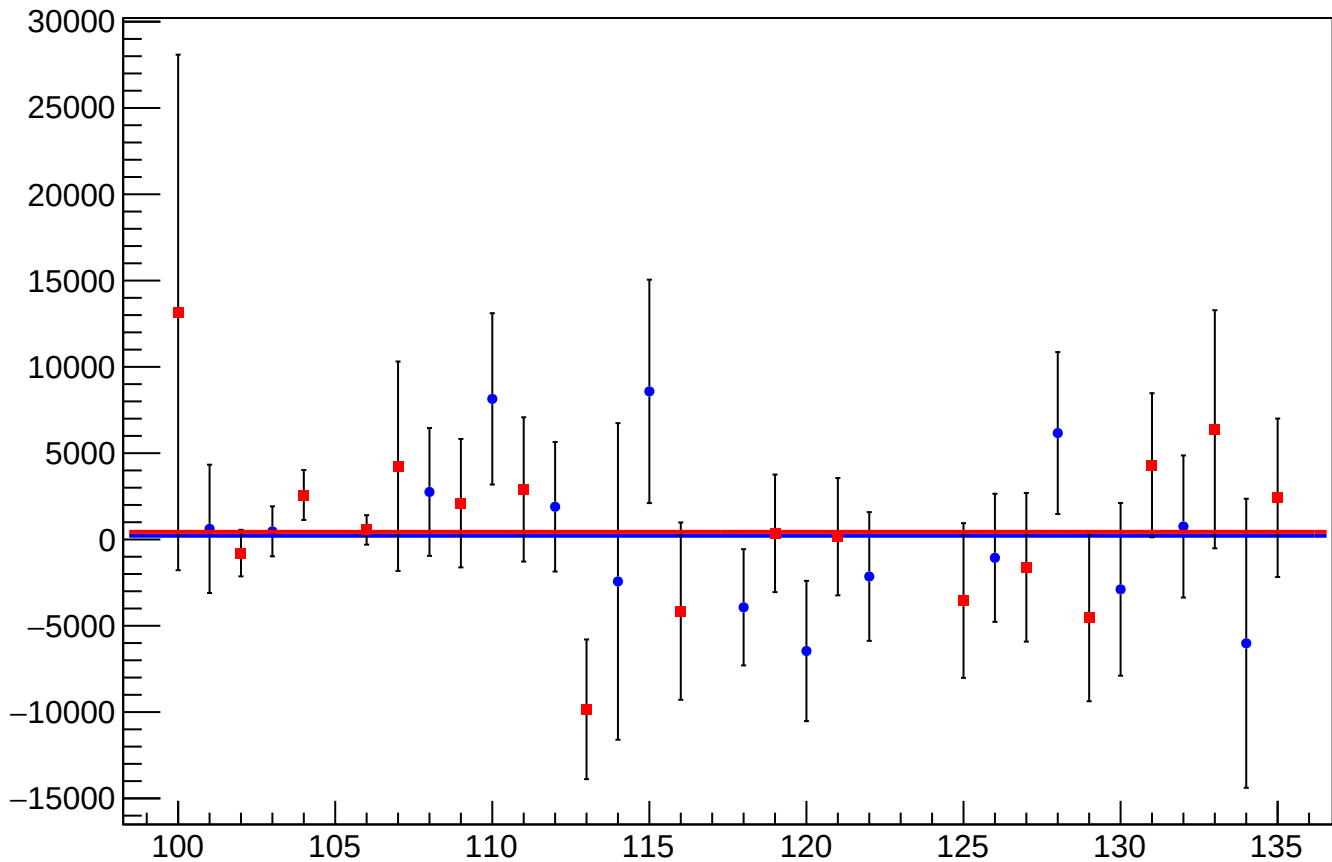
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1167.892+/-0.232 χ^2/NDF : 967204.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_mean vs Slug



Right In: 216.878+/-904.659 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 442.611+/-567.623 χ^2/NDF : 15.8/16

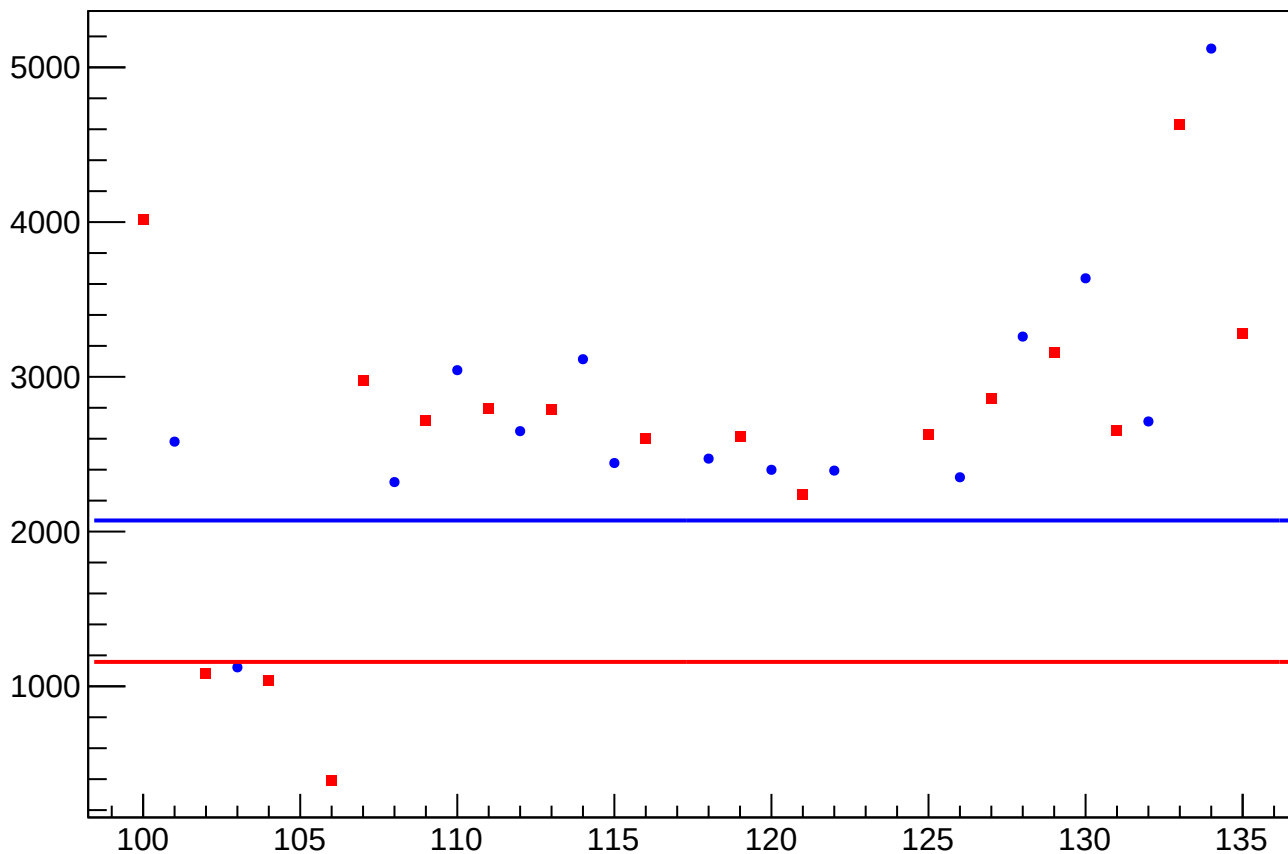
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 378.846+/-480.815 χ^2/NDF : 28.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_correction_rms vs Slug



Right In: 2071.701+/-0.640 χ^2/NDF : 1768064.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

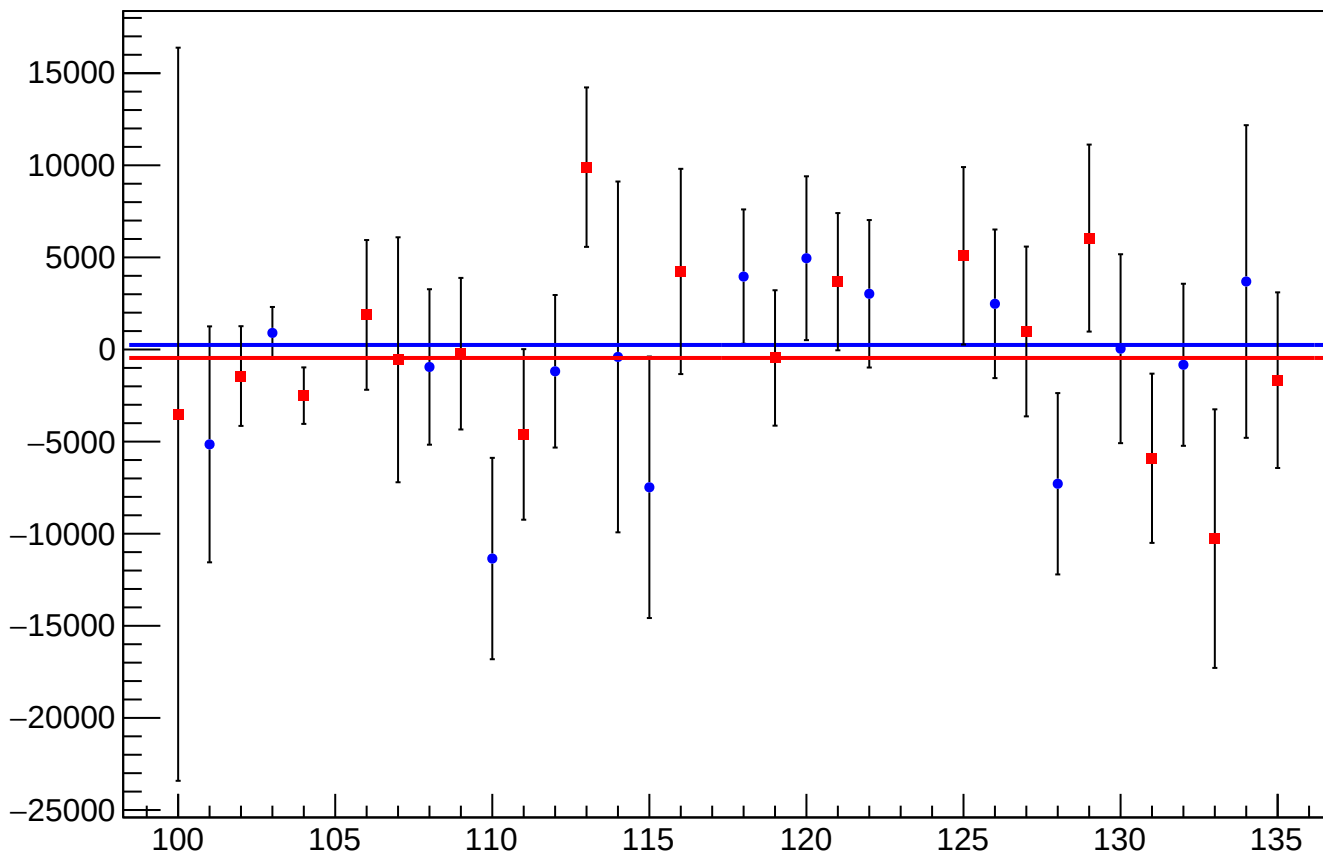
Right Out: 1157.686+/-0.401 χ^2/NDF : 5651634.9/16

All: 1415.875+/-0.340 χ^2/NDF : 8884579.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_mean vs Slug



Right In: 246.956 $\pm$ 952.760 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -459.497 $\pm$ 903.319 χ^2 /NDF: 17.2/16

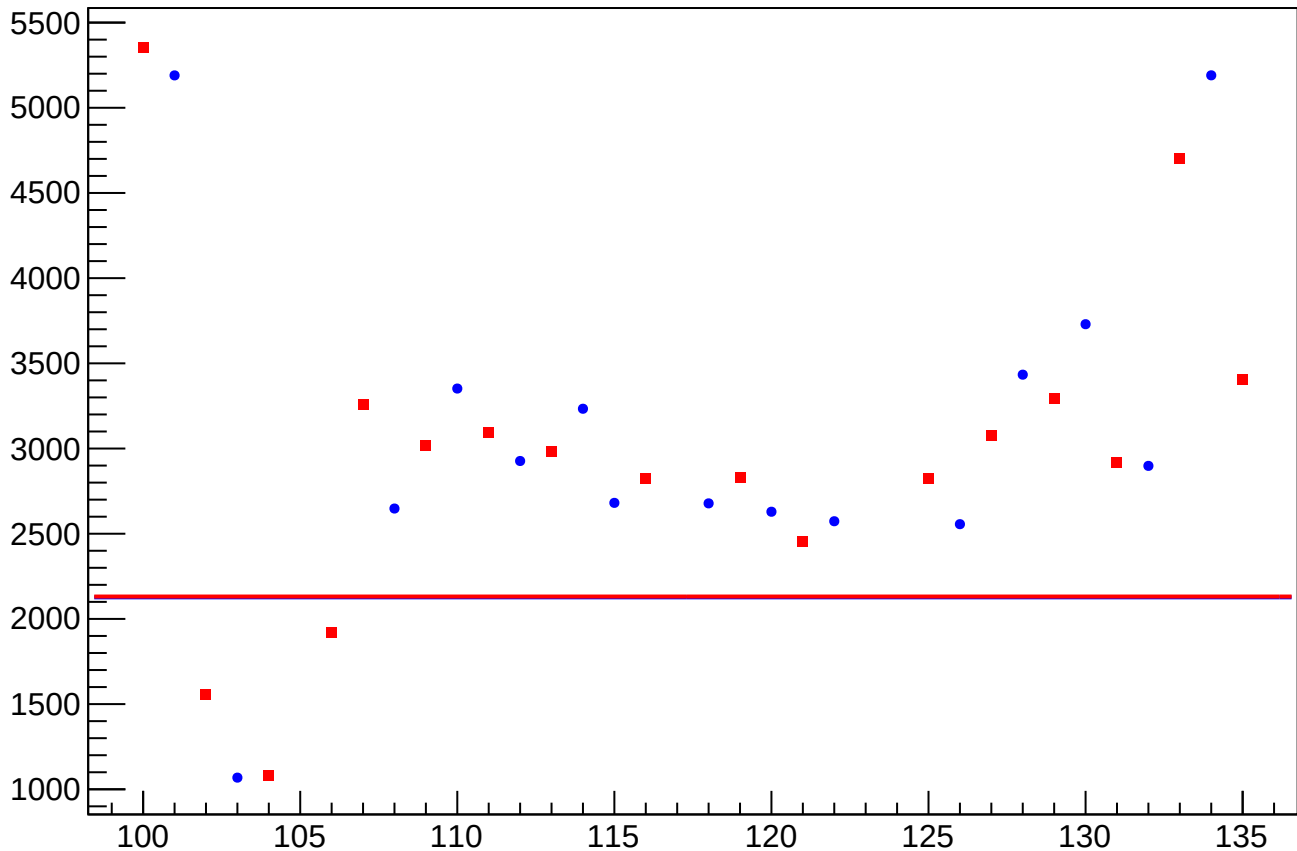
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -125.075 $\pm$ 655.525 χ^2 /NDF: 29.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_rms vs Slug



Right In: 2126.604+/-0.674 χ^2/NDF : 2608634.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2131.362+/-0.637 χ^2/NDF : 2216952.2/16

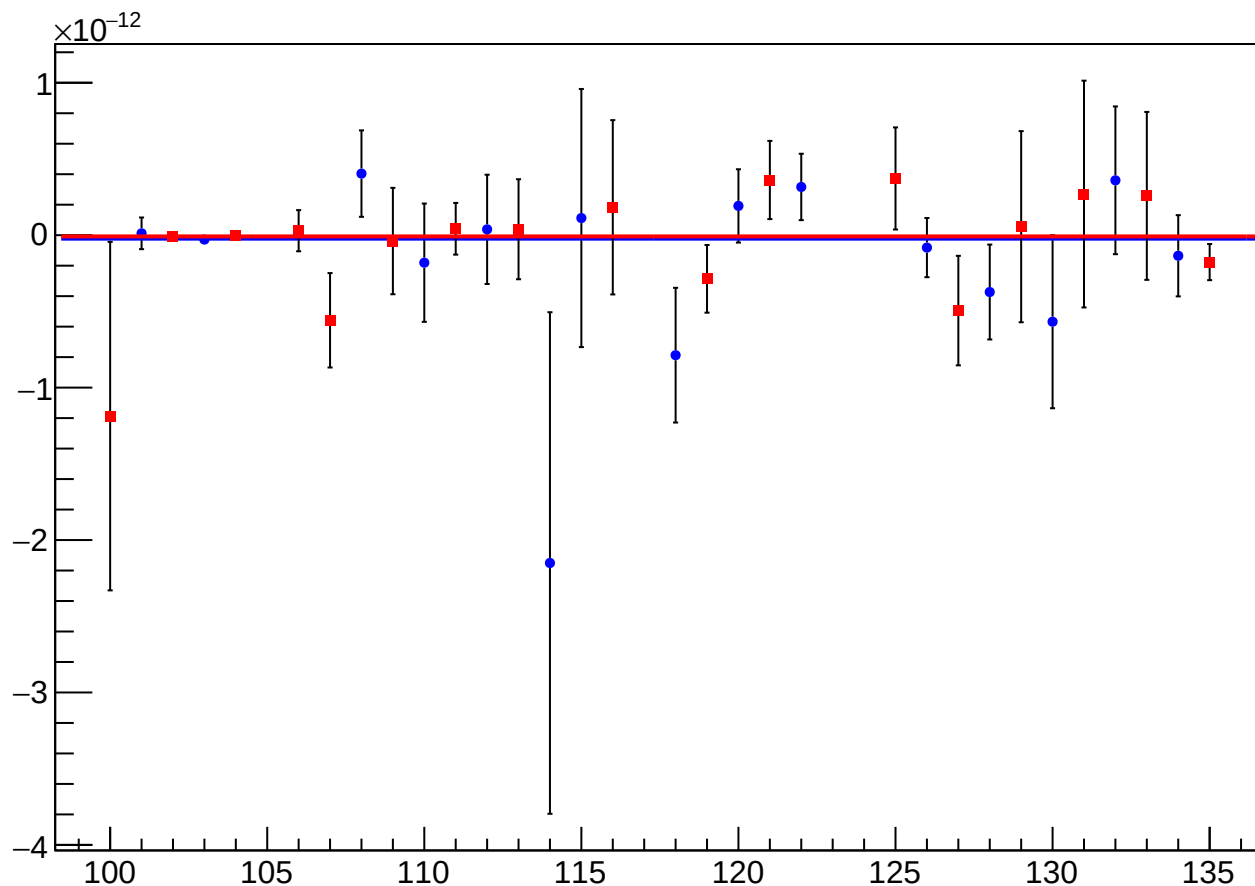
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2129.115+/-0.463 χ^2/NDF : 4825613.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 13.7/16

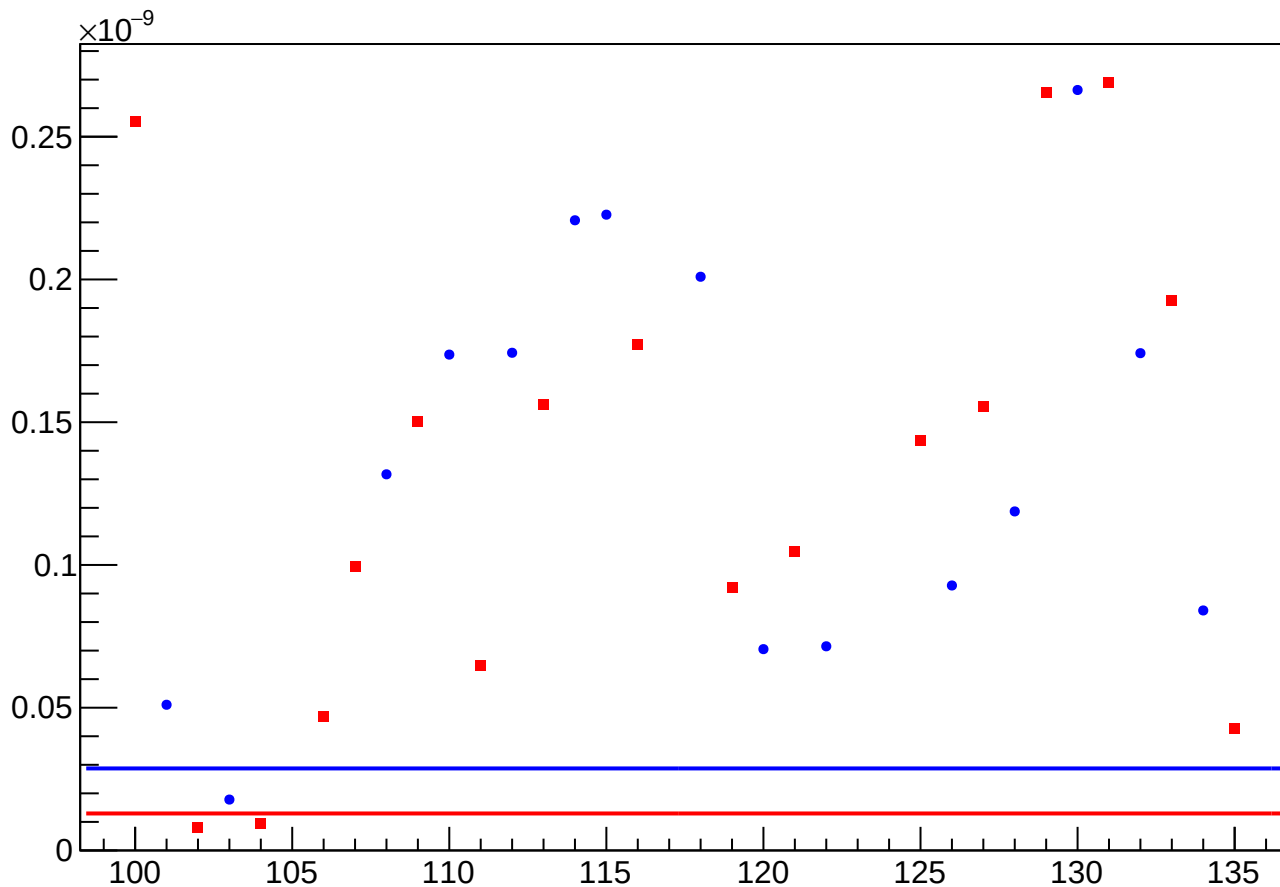
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 27.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2825583.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3581266.0/16

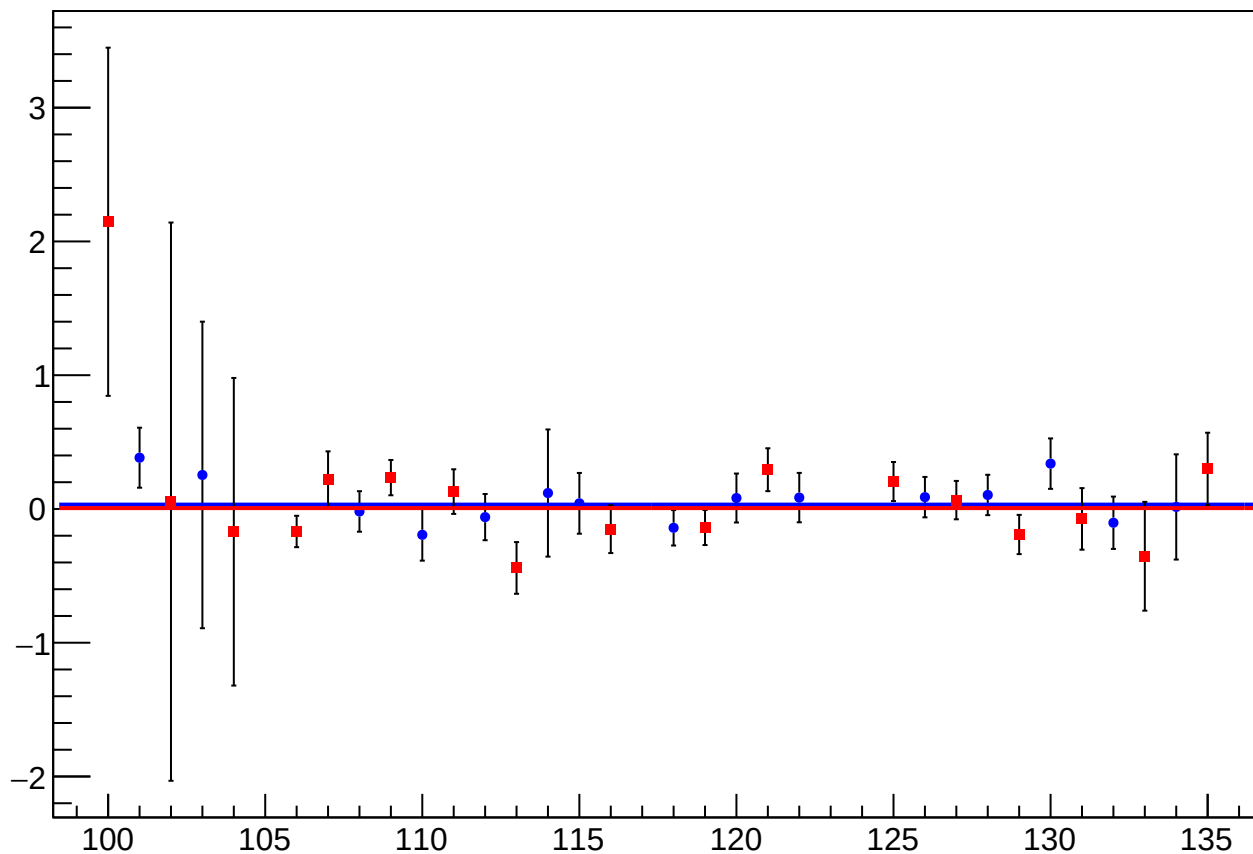
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6944054.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.033 $\pm$ 0.049 χ^2 /NDF: 9.6/14

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

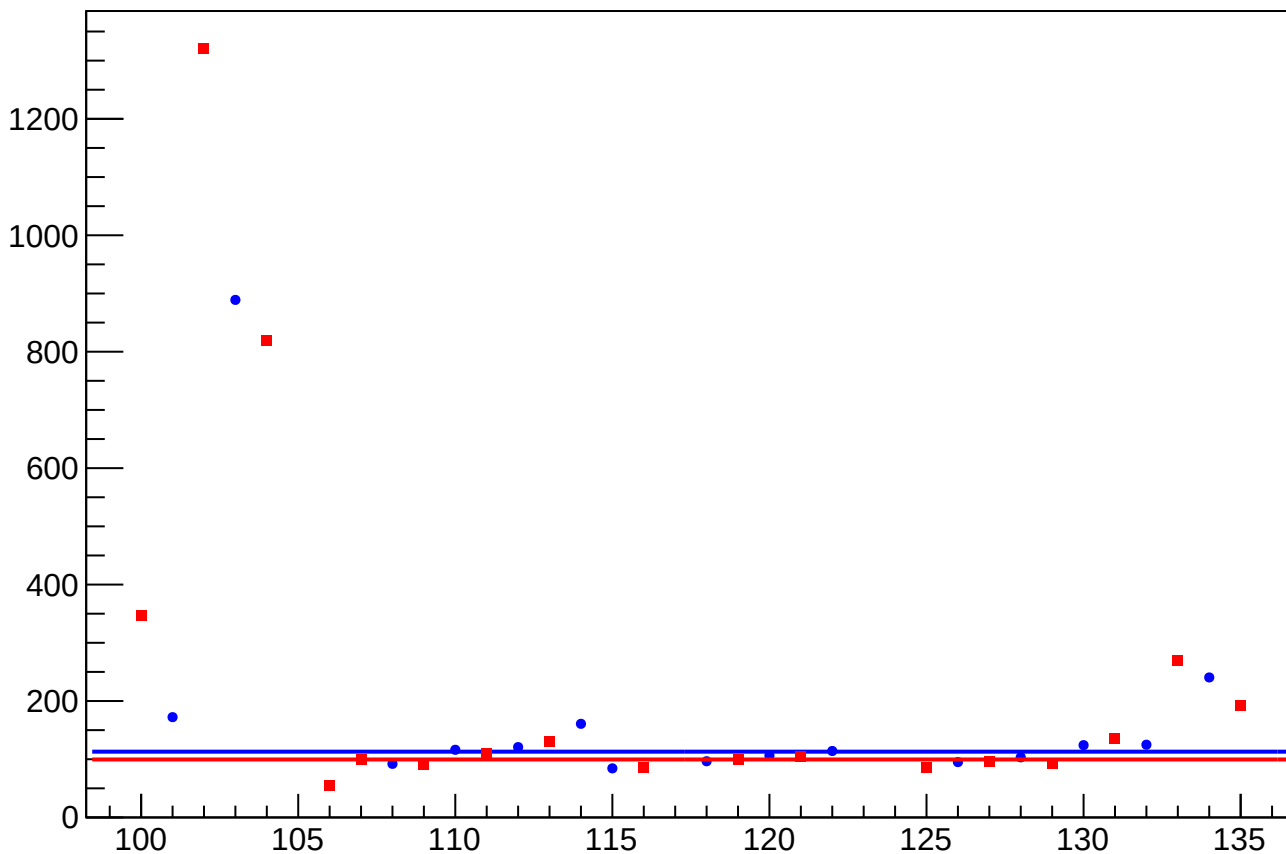
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.033 χ^2 /NDF: 35.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_cor_diff_rms vs Slug



Right In: 113.007 $\pm$ 0.035 χ^2 /NDF: 1446384.5/14

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

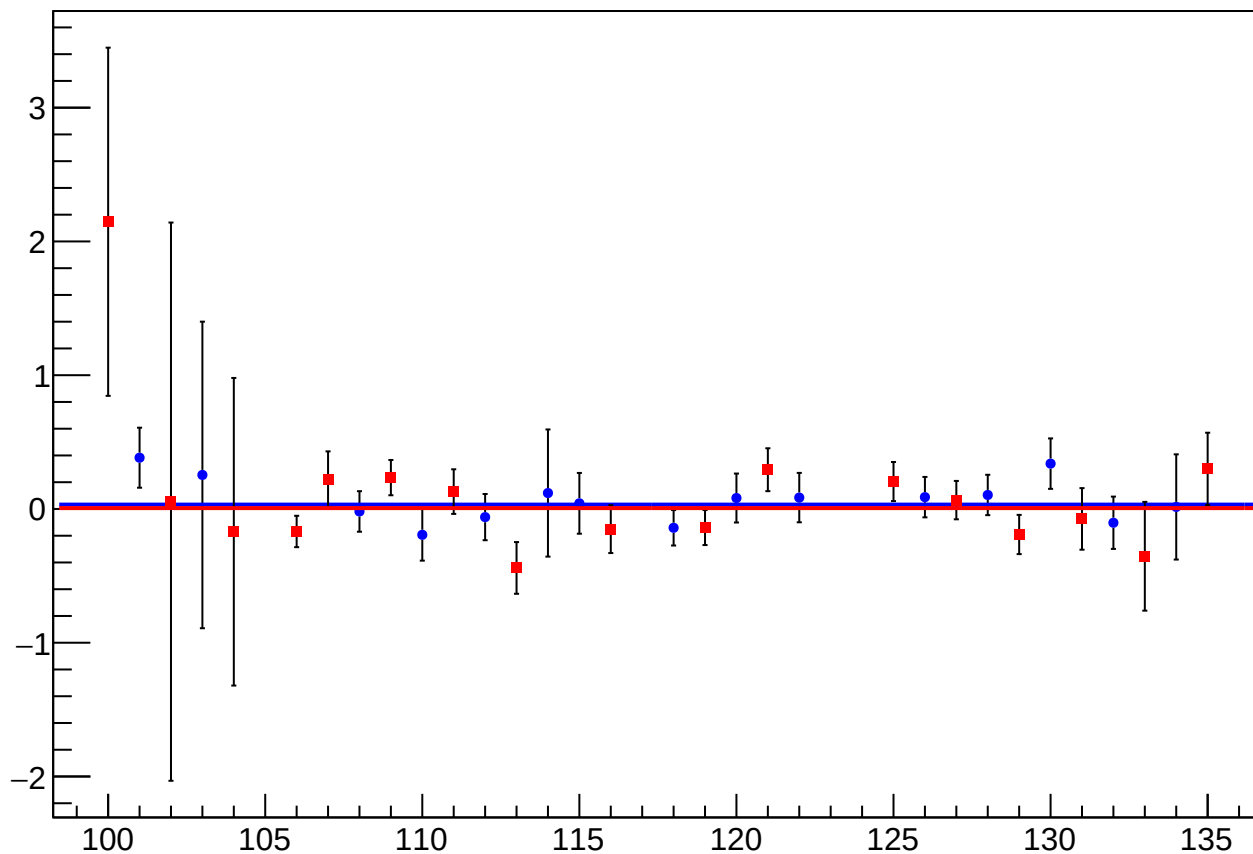
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.496 $\pm$ 0.023 χ^2 /NDF: 4093460.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033+/-0.049 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.044 χ^2/NDF : 26.0/16

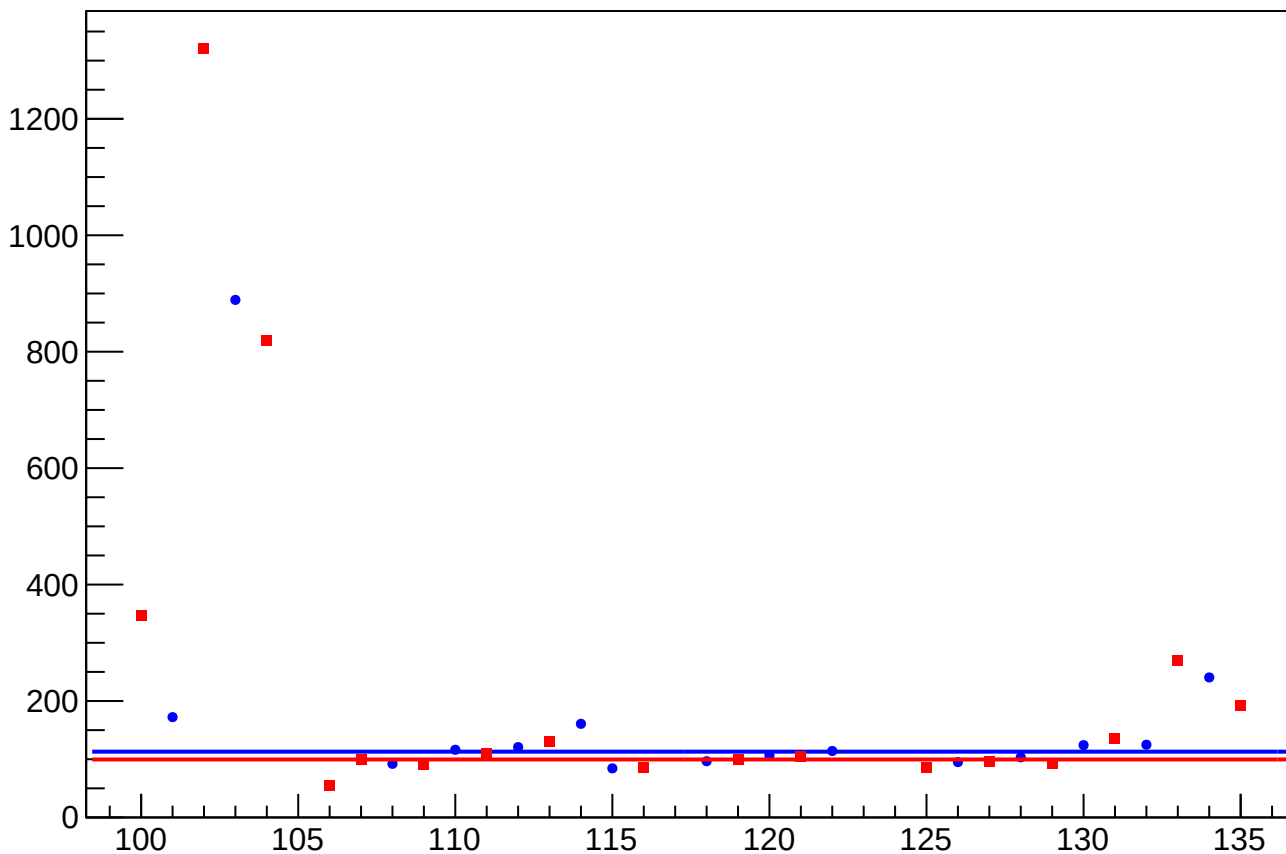
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.018+/-0.033 χ^2/NDF : 35.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 113.007 $\pm$ 0.035 χ^2 /NDF: 1446384.5/14

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

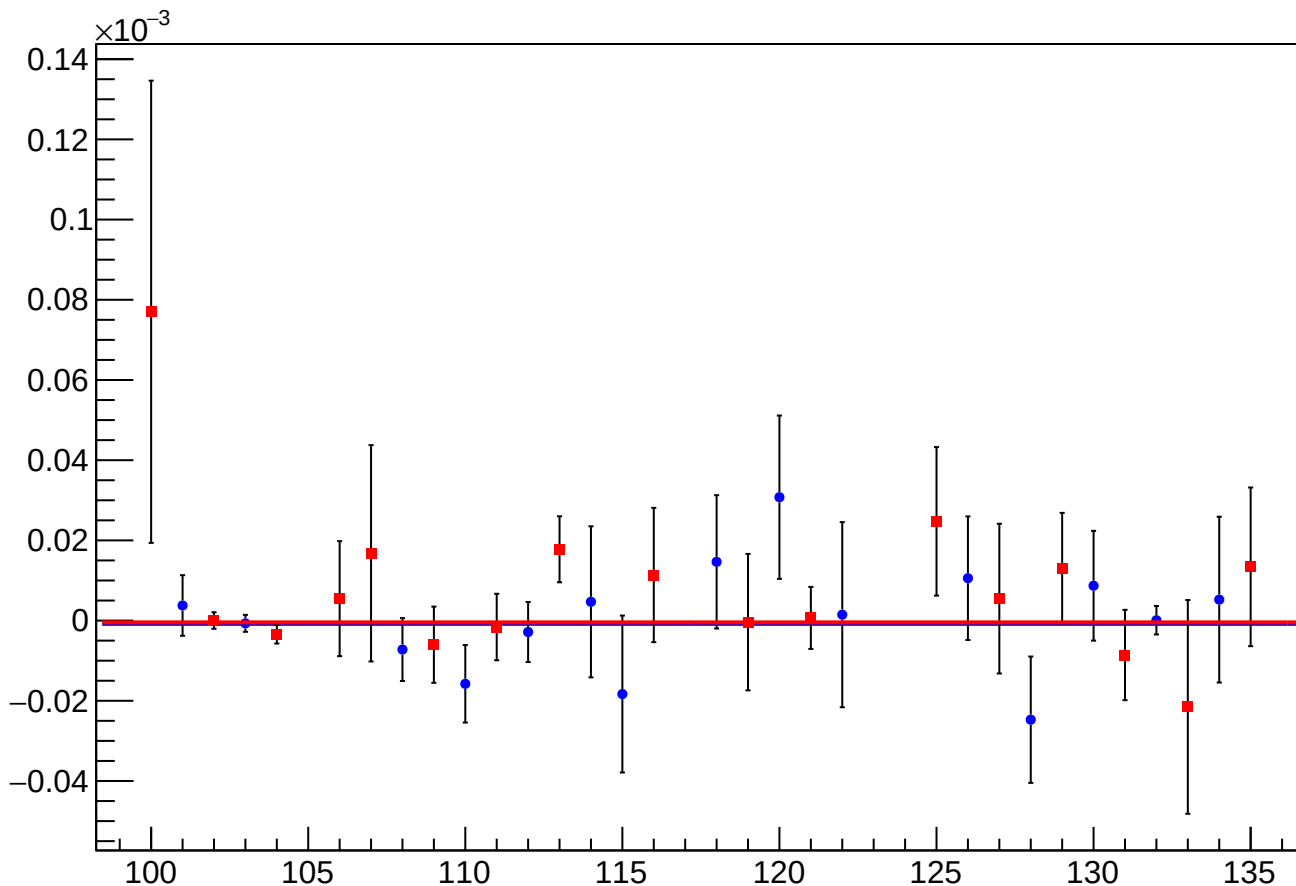
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.496 $\pm$ 0.023 χ^2 /NDF: 4093460.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 11.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 14.4/16

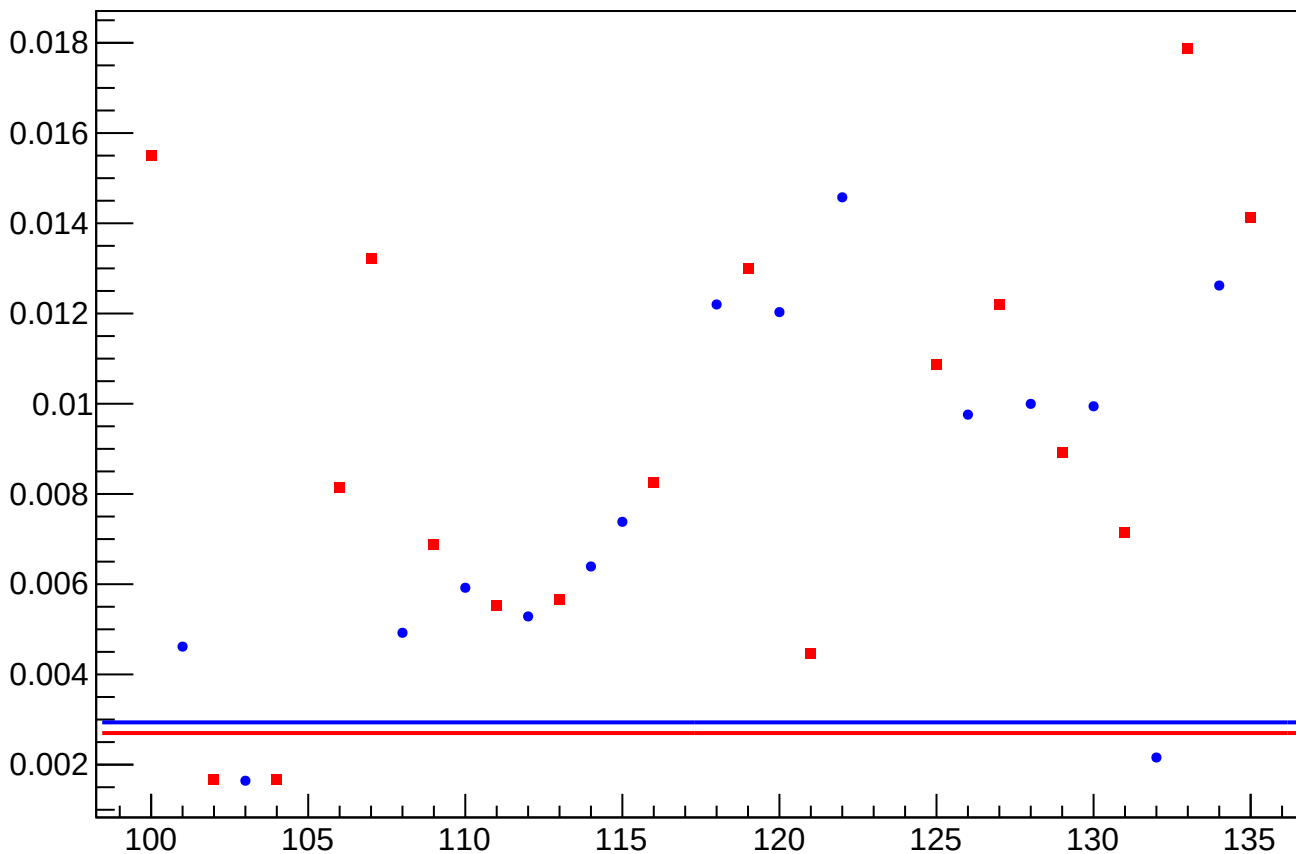
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 25.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 4915514.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 6459749.6/16

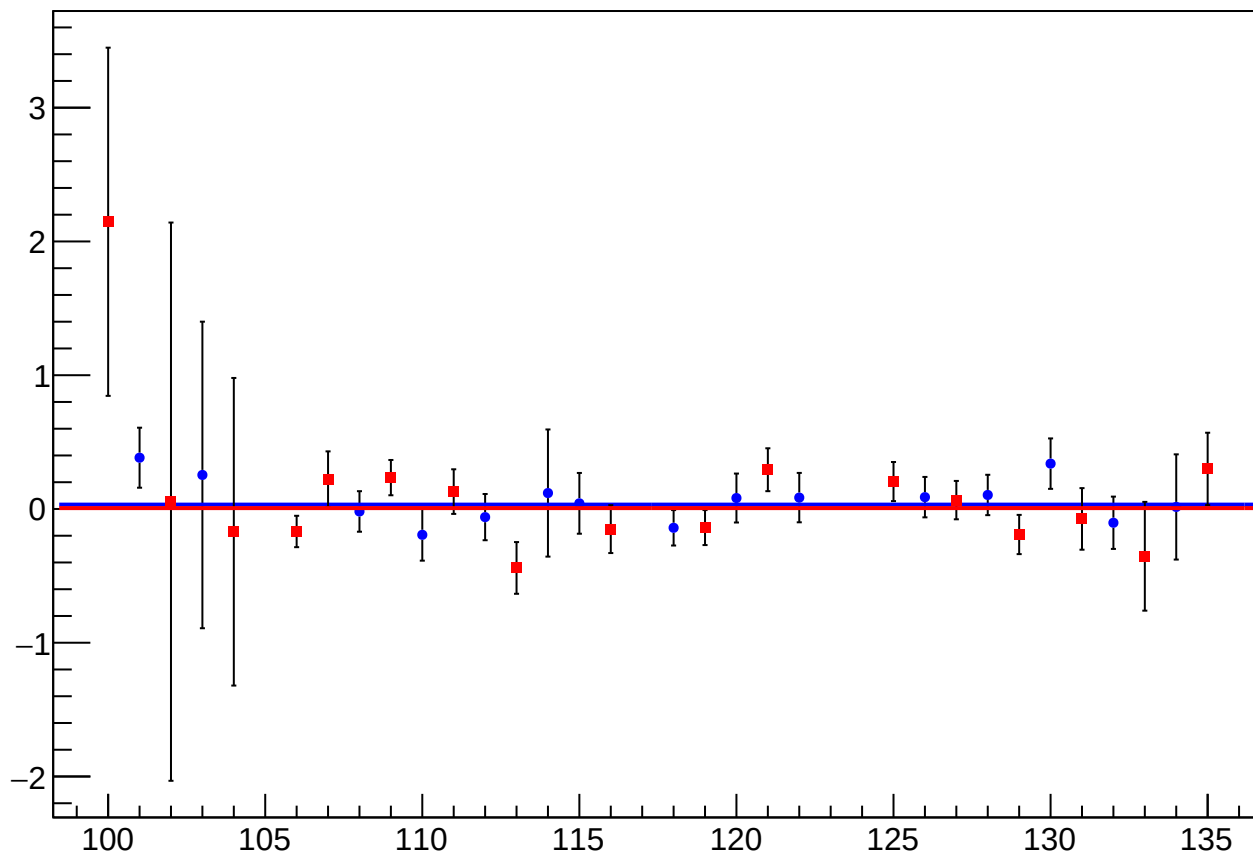
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 11400254.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.033 $\pm$ 0.049 χ^2 /NDF: 9.6/14

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

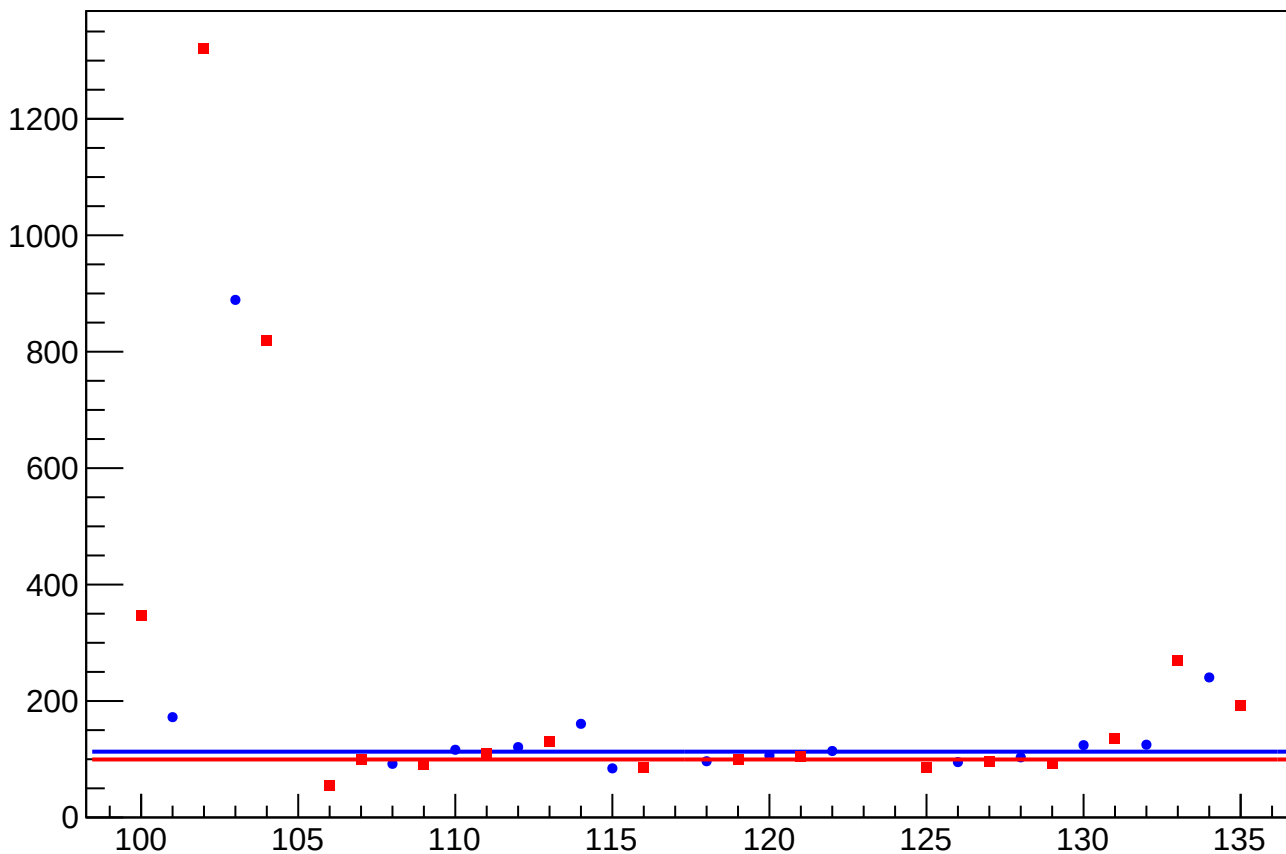
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.033 χ^2 /NDF: 35.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 113.007 $\pm$ 0.035 χ^2/NDF : 1446374.4/14

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

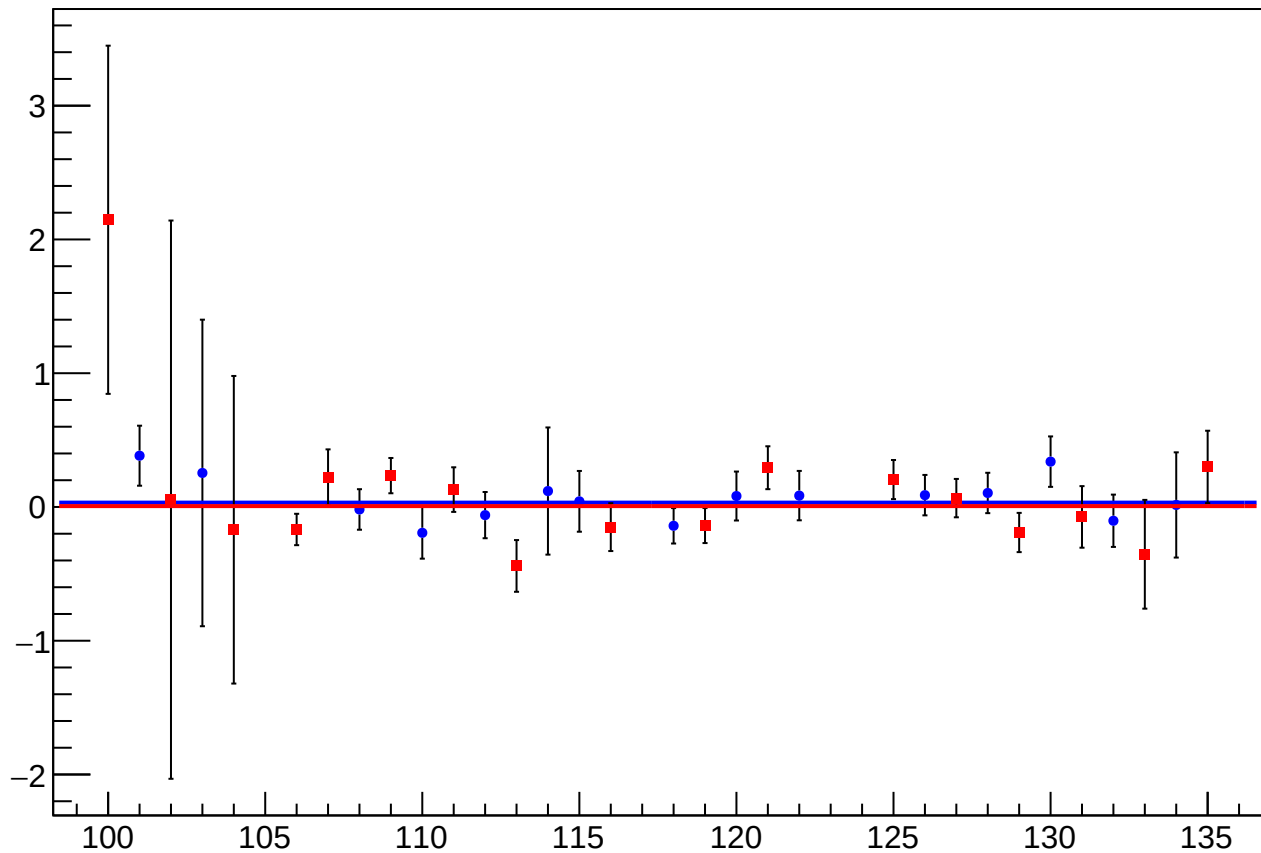
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 105.496 $\pm$ 0.023 χ^2/NDF : 4093533.8/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.033 $\pm$ 0.049 χ^2 /NDF: 9.6/14

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

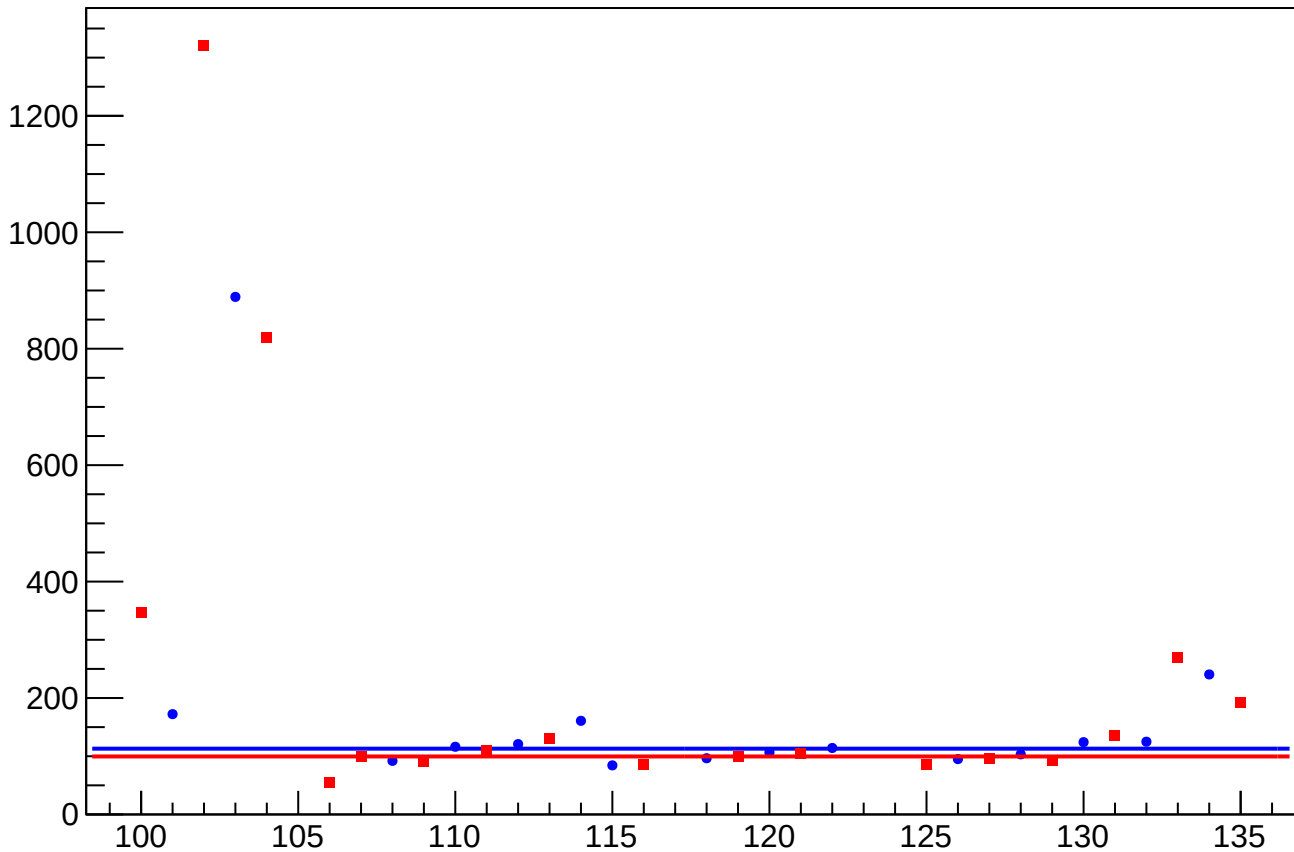
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.018 $\pm$ 0.033 χ^2 /NDF: 35.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 113.007 $\pm$ 0.035 χ^2 /NDF: 1446374.4/14

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

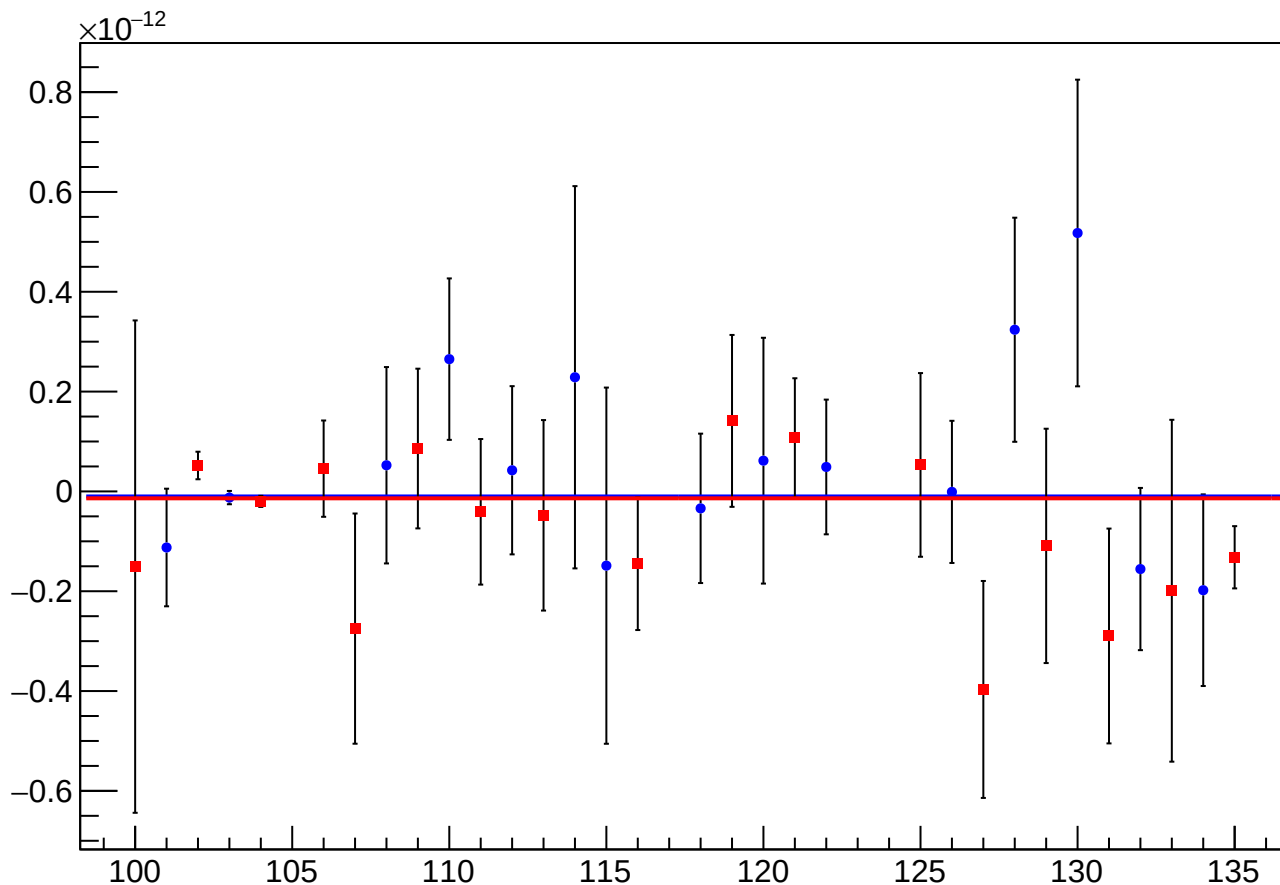
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.496 $\pm$ 0.023 χ^2 /NDF: 4093533.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 19.9/16

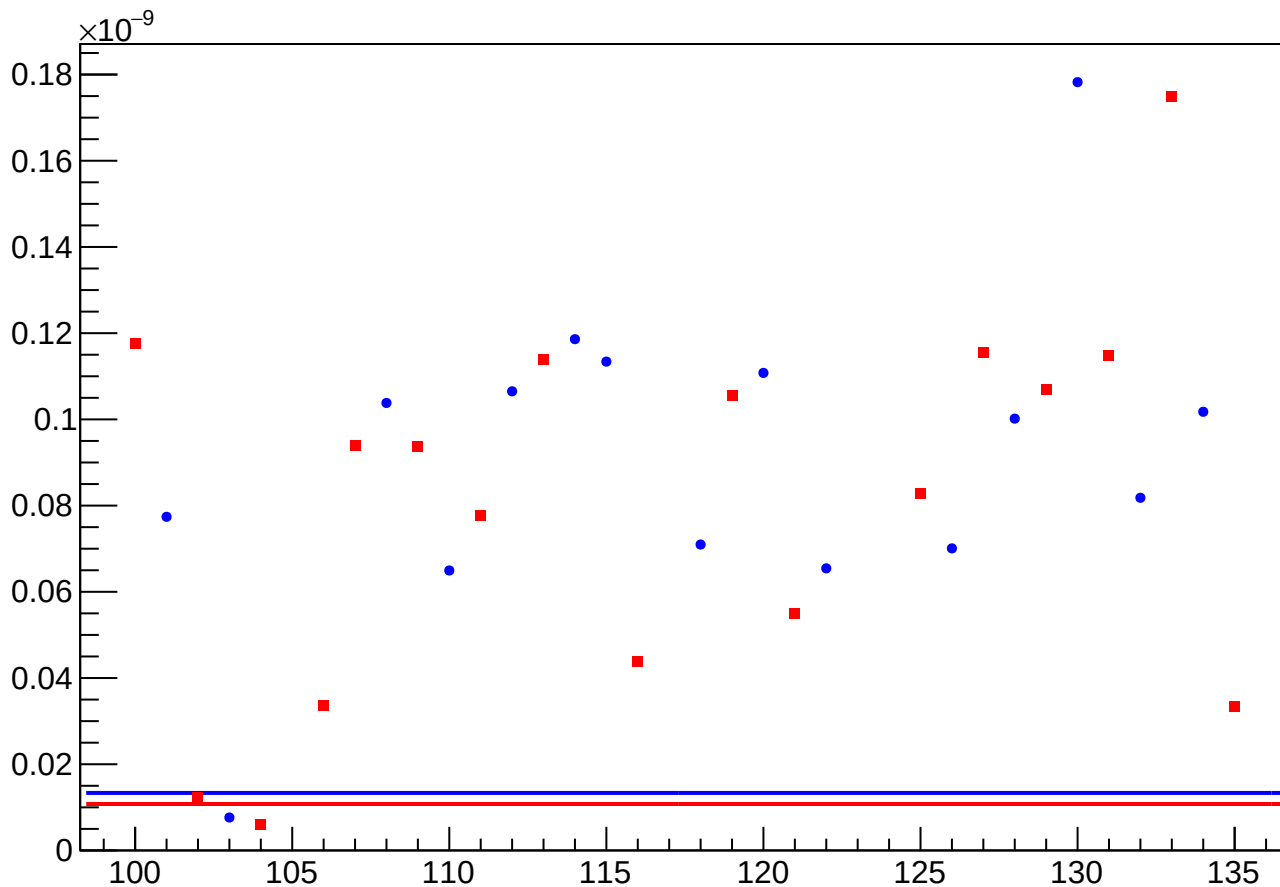
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 31.6/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_avg_atlr_avg_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 5381659.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 5693272.3/16

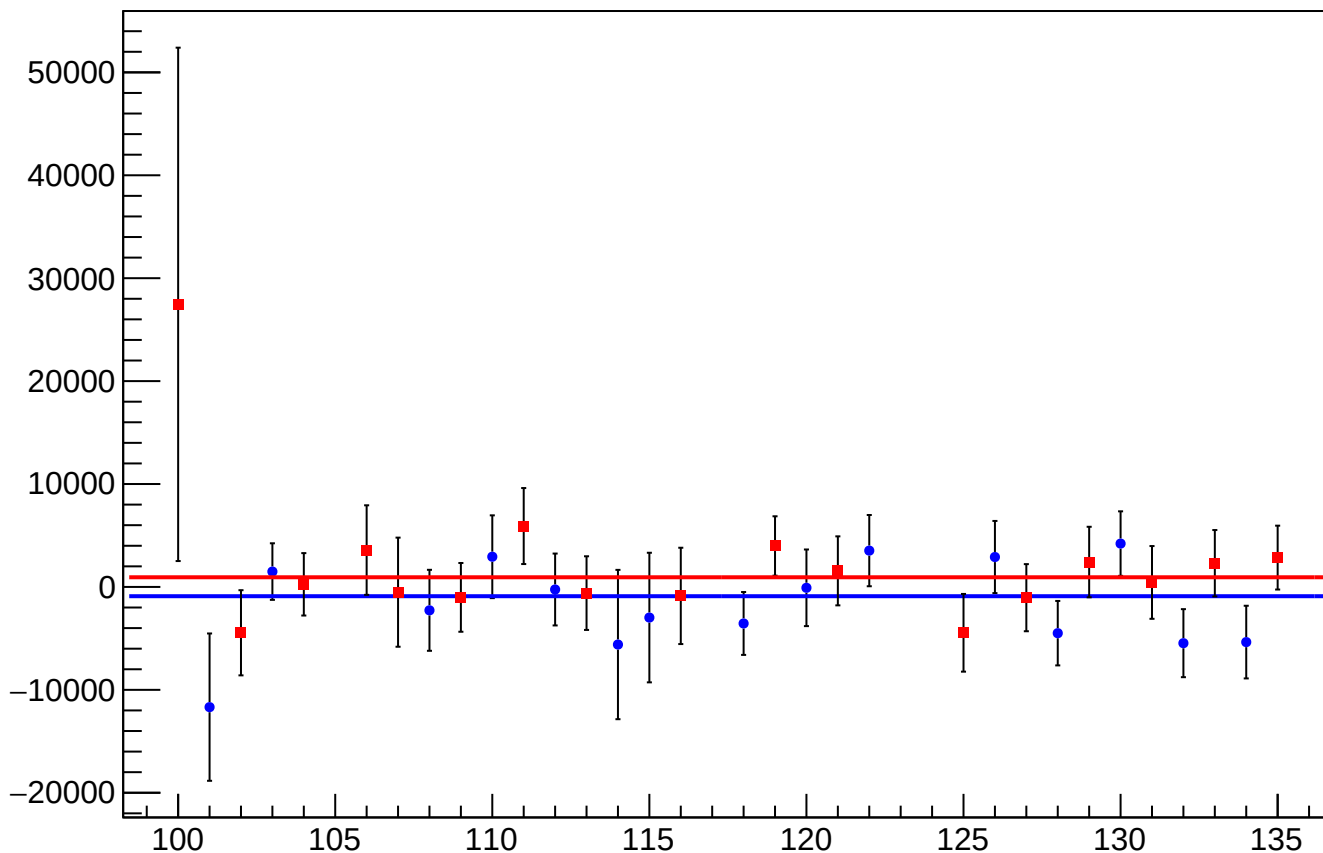
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 11125015.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -901.080 ± 943.189 χ^2/NDF : 15.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 938.757 ± 883.044 χ^2/NDF : 10.1/16

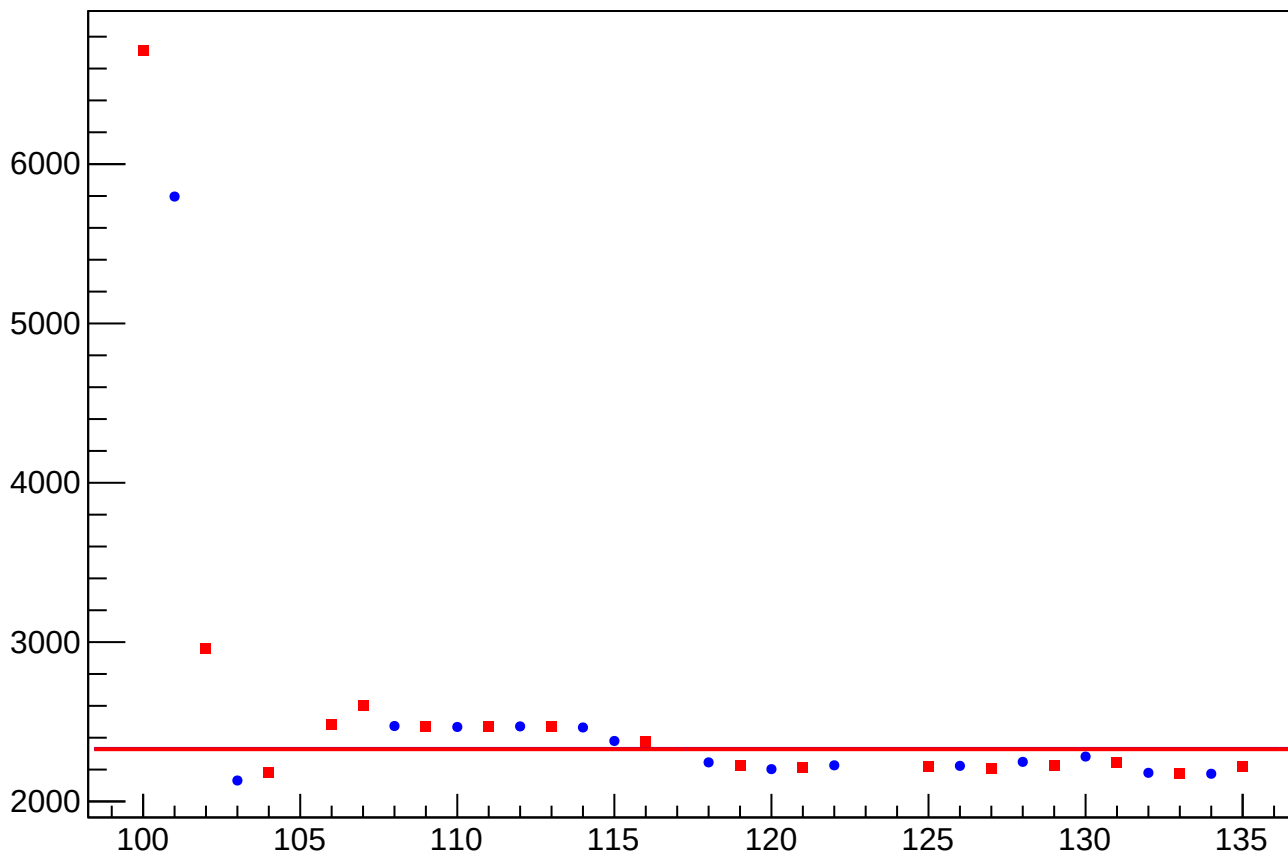
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 79.367 ± 644.621 χ^2/NDF : 27.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2327.988+/-0.624 χ^2/NDF : 149821.8/16

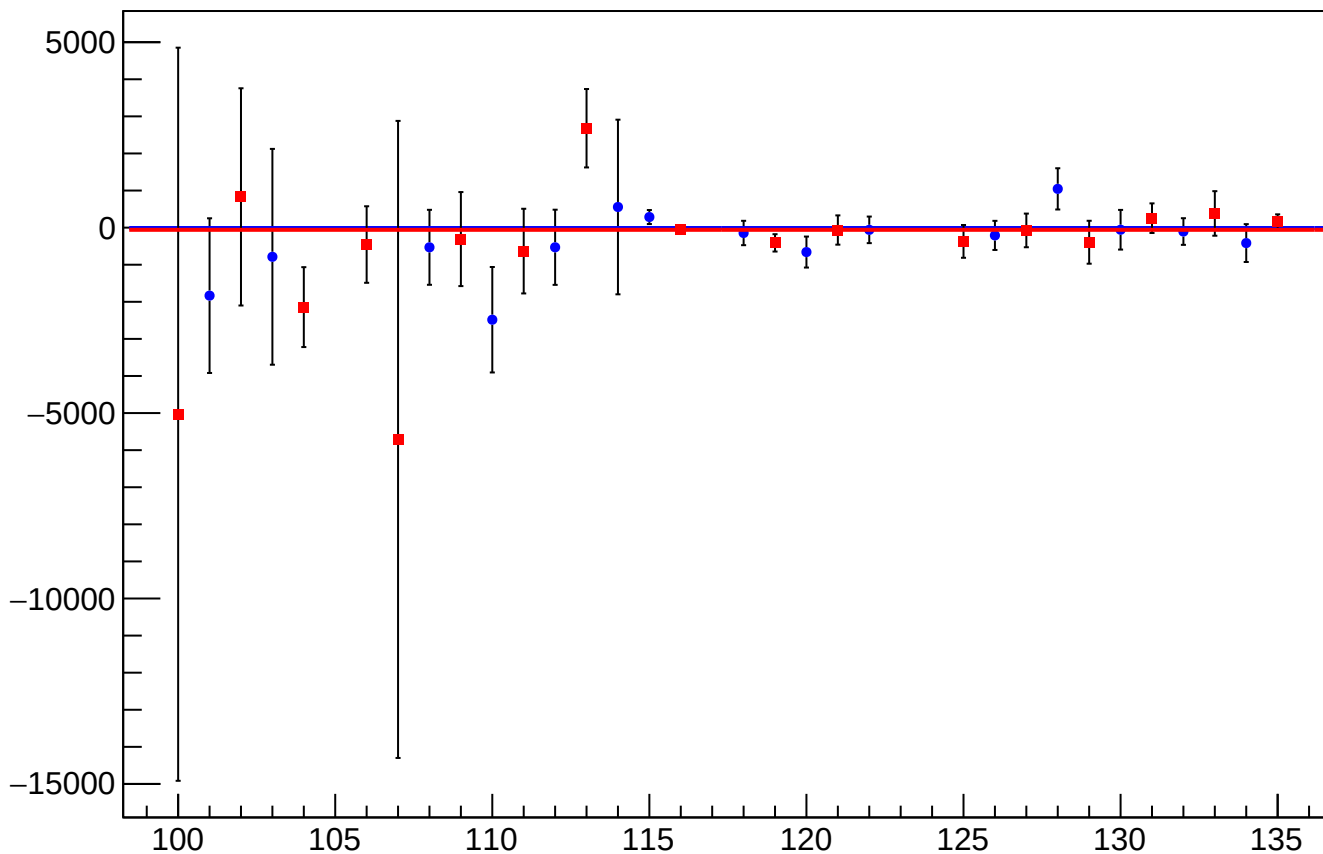
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2328.690+/-0.456 χ^2/NDF : 655823.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_mean vs Slug



Right In: -10.818 ± 112.825 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.085 ± 84.848 χ^2/NDF : 17.1/16

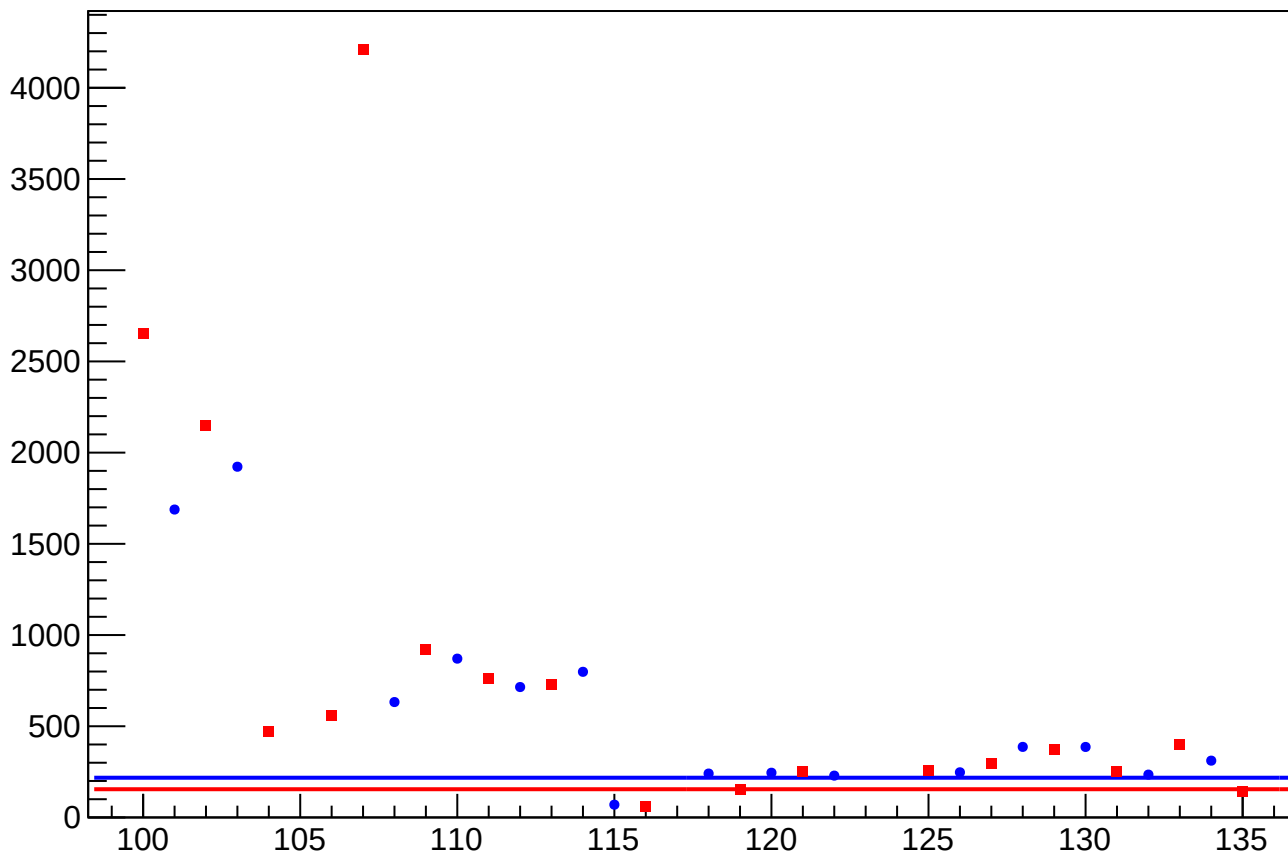
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.648 ± 67.812 χ^2/NDF : 31.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_correction_rms vs Slug



Right In: 217.821+/-0.080 χ^2/NDF : 4751538.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.746+/-0.060 χ^2/NDF : 6154262.3/16

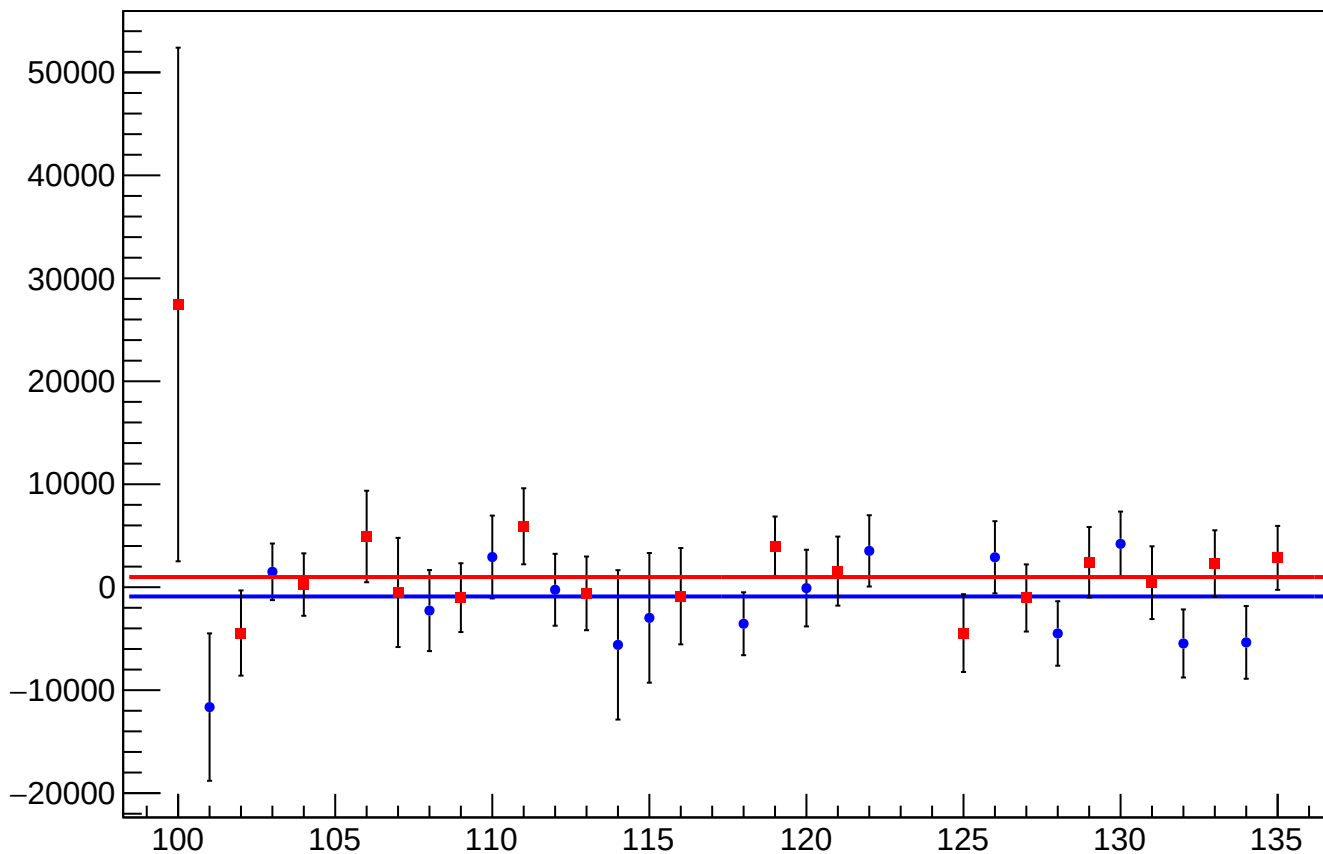
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.532+/-0.048 χ^2/NDF : 11305065.0/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -899.937+/-943.190 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.912+/-883.799 χ^2/NDF : 10.6/16

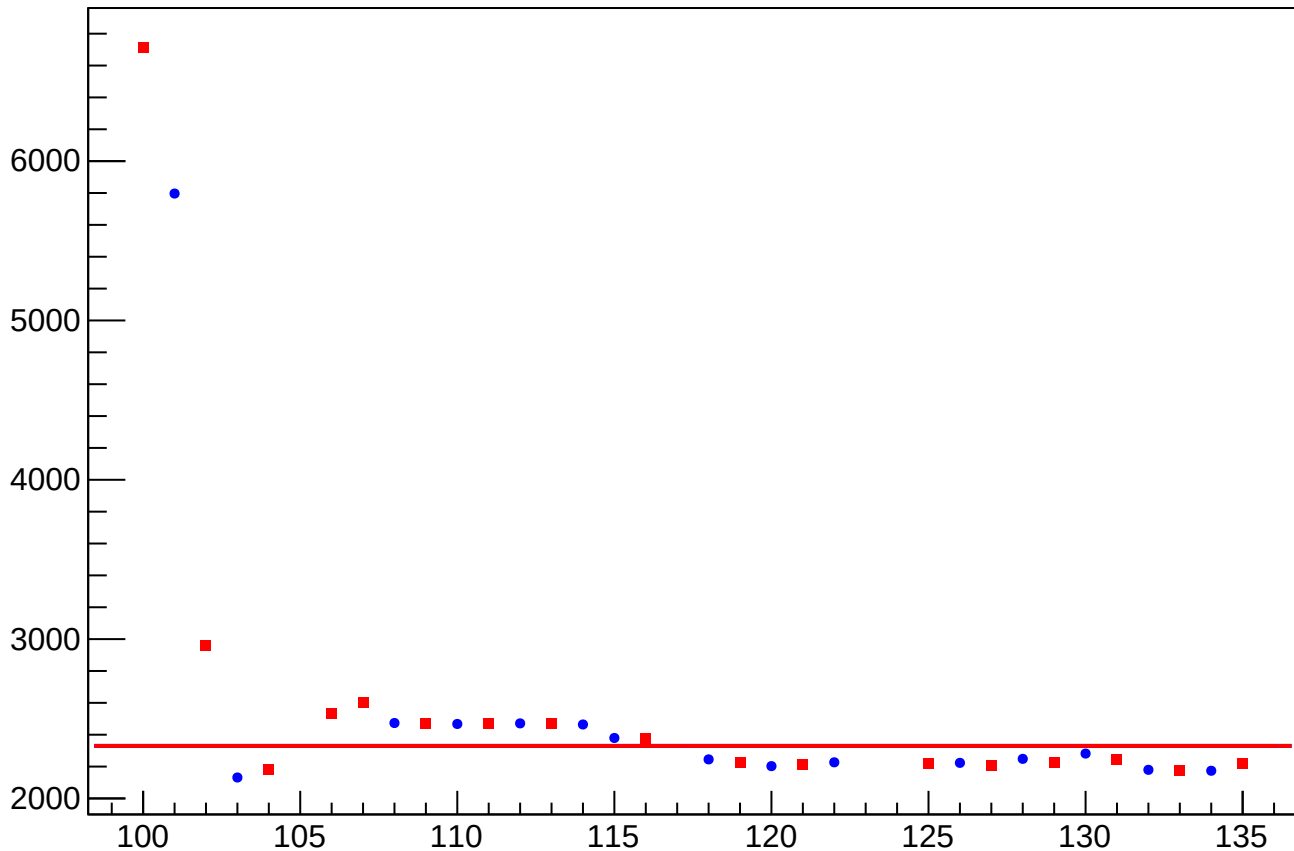
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.292+/-644.915 χ^2/NDF : 28.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2329.727+/-0.625 χ^2/NDF : 151568.6/16

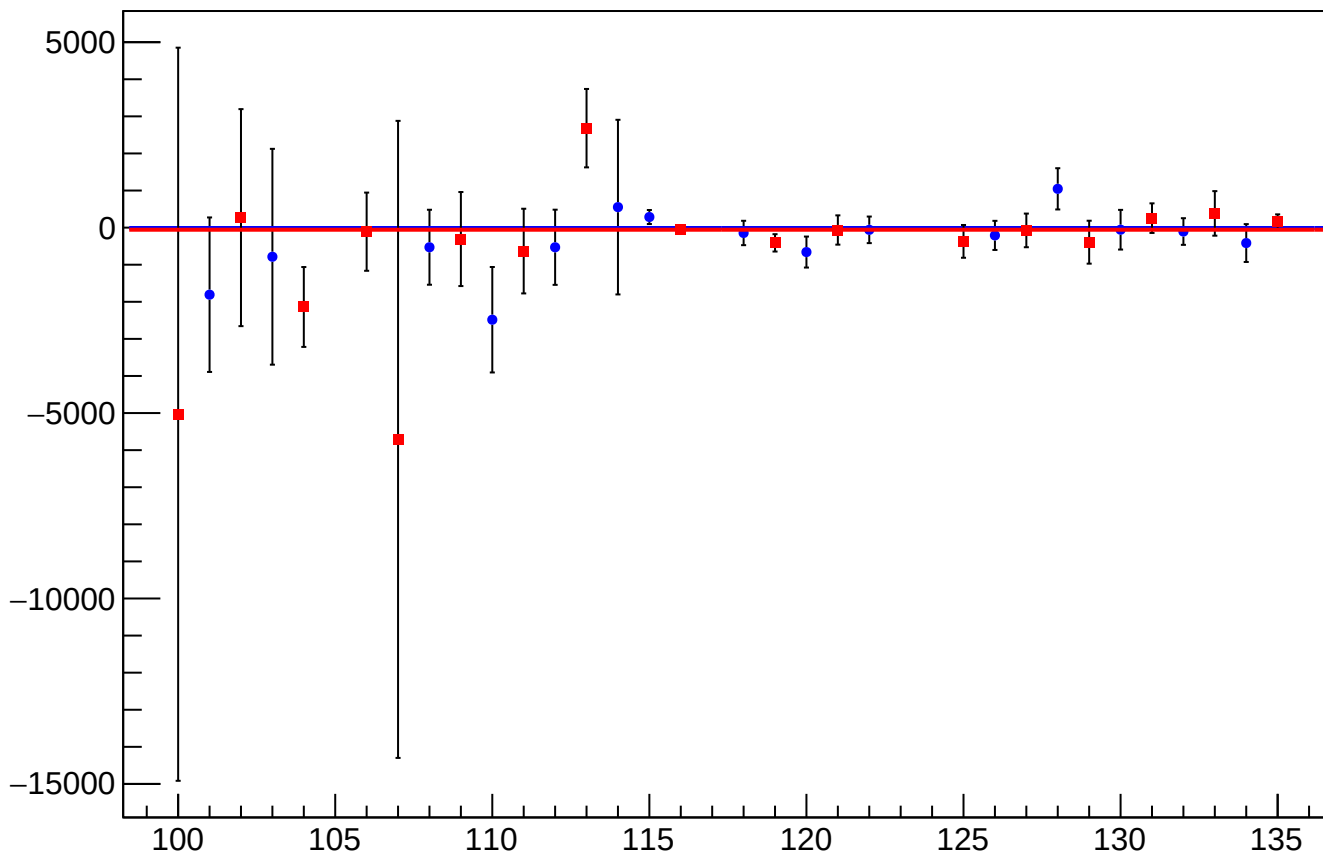
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2329.617+/-0.456 χ^2/NDF : 657568.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_mean vs Slug



Right In: -10.712 ± 112.841 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -56.911 ± 84.781 χ^2/NDF : 16.8/16

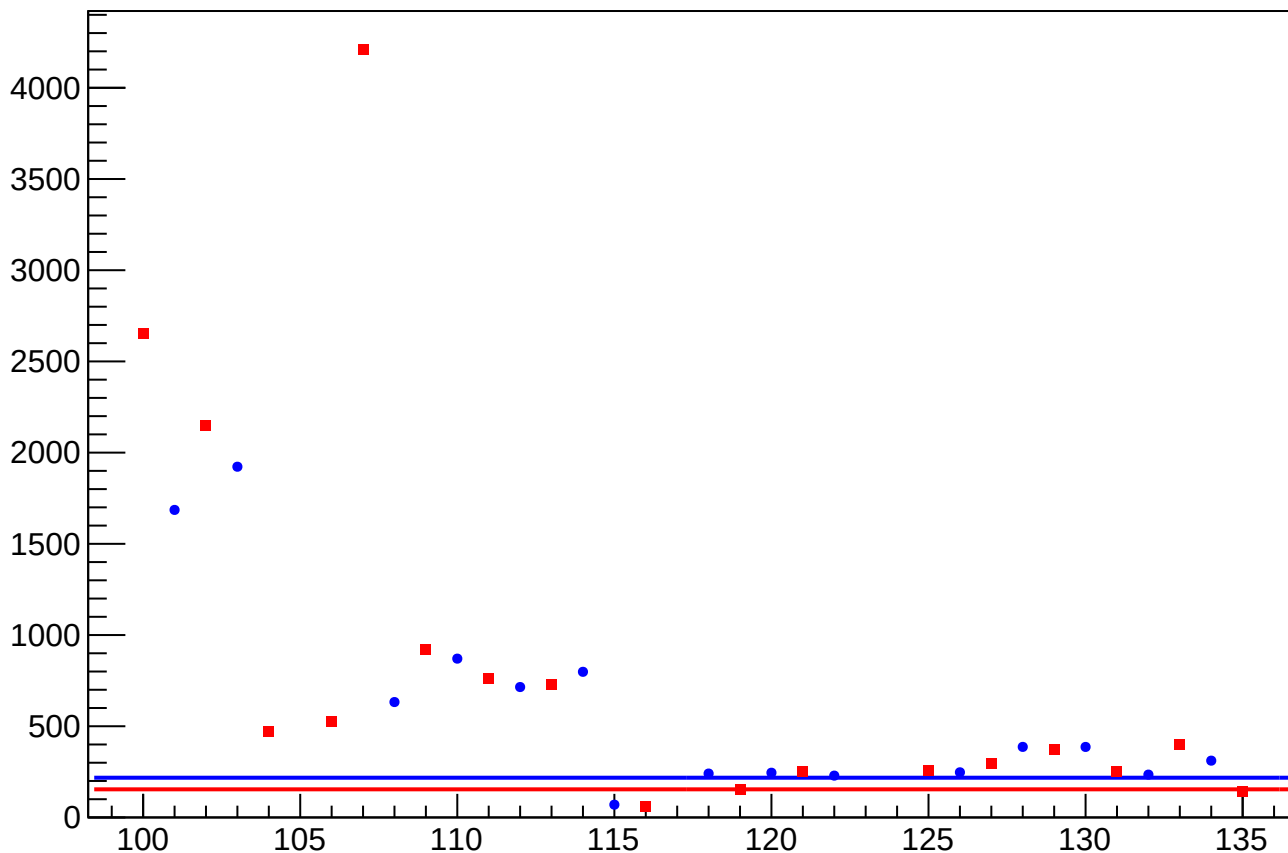
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.242 ± 67.781 χ^2/NDF : 31.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_cor_correction_rms vs Slug



Right In: 217.877+/-0.080 χ^2/NDF : 4749814.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 154.157+/-0.060 χ^2/NDF : 6108658.5/16

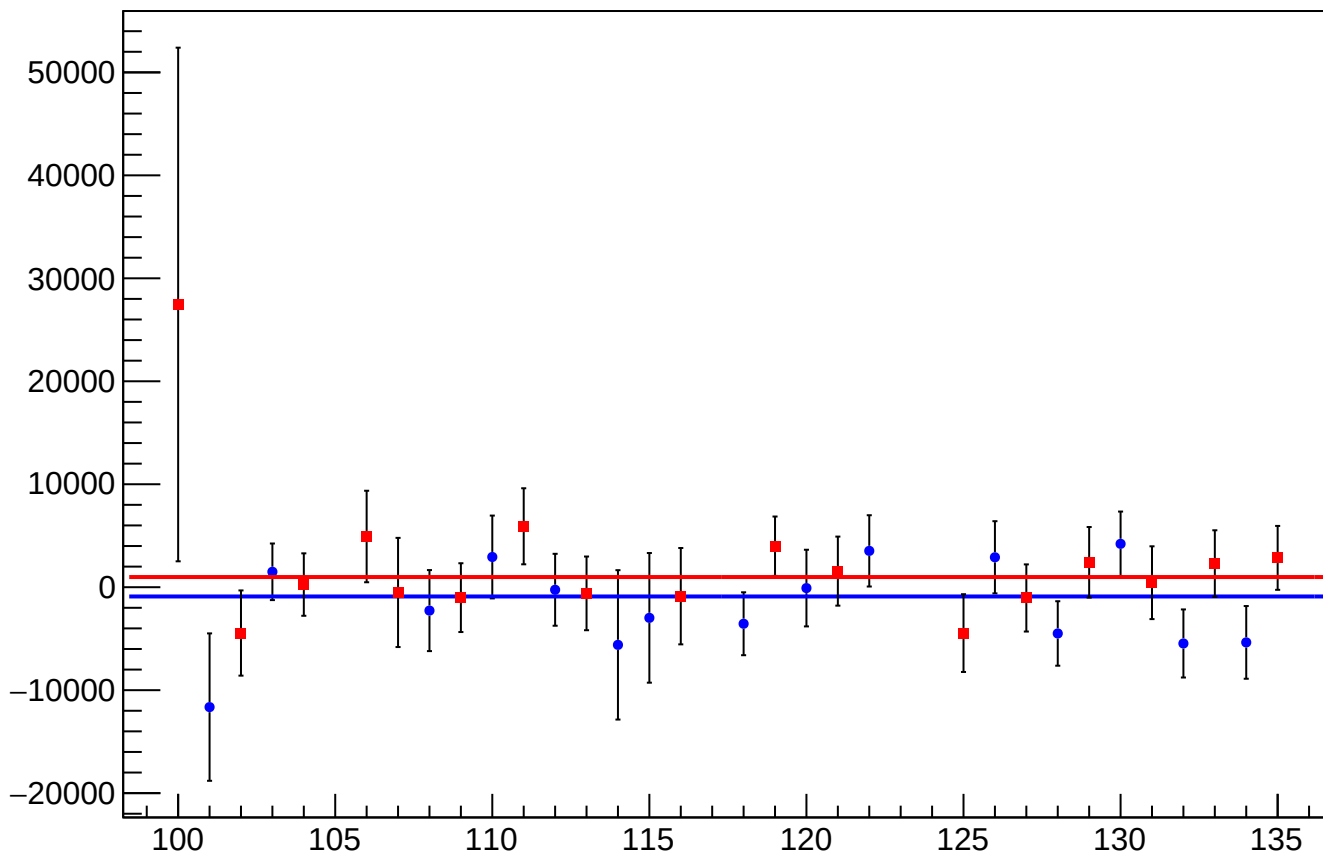
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.149+/-0.048 χ^2/NDF : 11266111.2/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -899.937+/-943.190 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 987.912+/-883.799 χ^2/NDF : 10.6/16

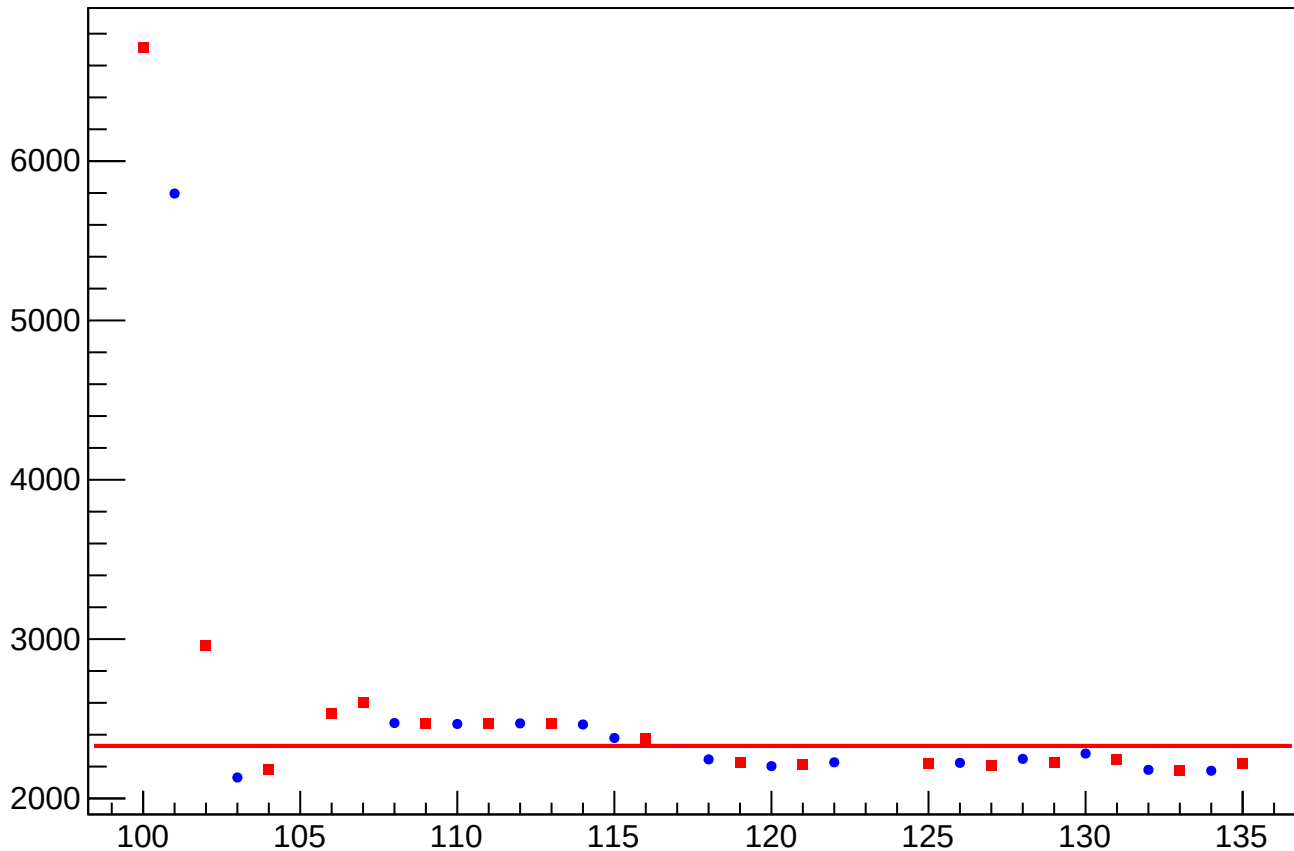
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 105.292+/-644.915 χ^2/NDF : 28.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2329.491+/-0.667 χ^2/NDF : 505999.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

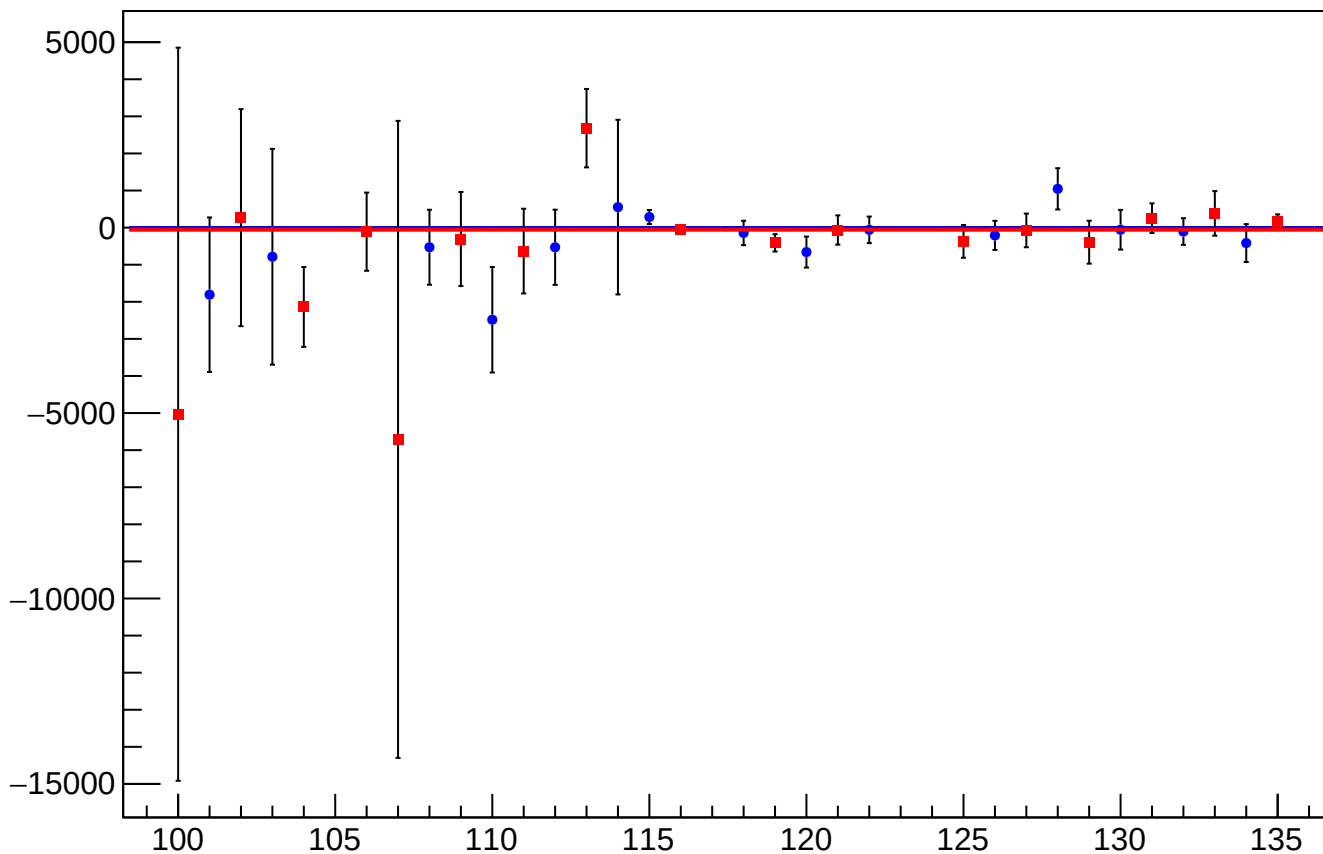
Right Out: 2329.727+/-0.625 χ^2/NDF : 151568.6/16

All: 2329.617+/-0.456 χ^2/NDF : 657568.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -10.712 $\pm$ 112.841 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -56.911 $\pm$ 84.781 χ^2 /NDF: 16.8/16

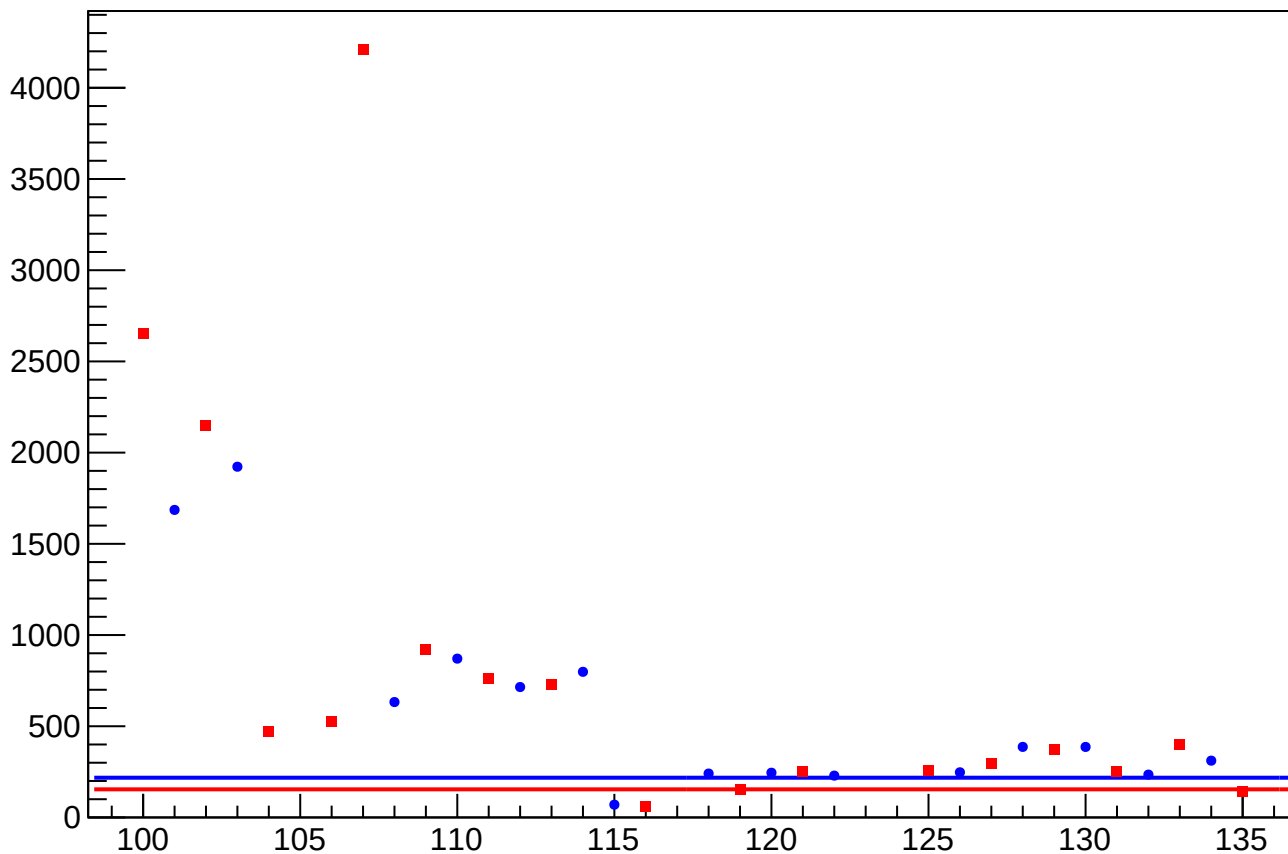
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -40.242 $\pm$ 67.781 χ^2 /NDF: 31.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 217.877 $\pm$ 0.080 χ^2 /NDF: 4749814.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 154.157 $\pm$ 0.060 χ^2 /NDF: 6108658.5/16

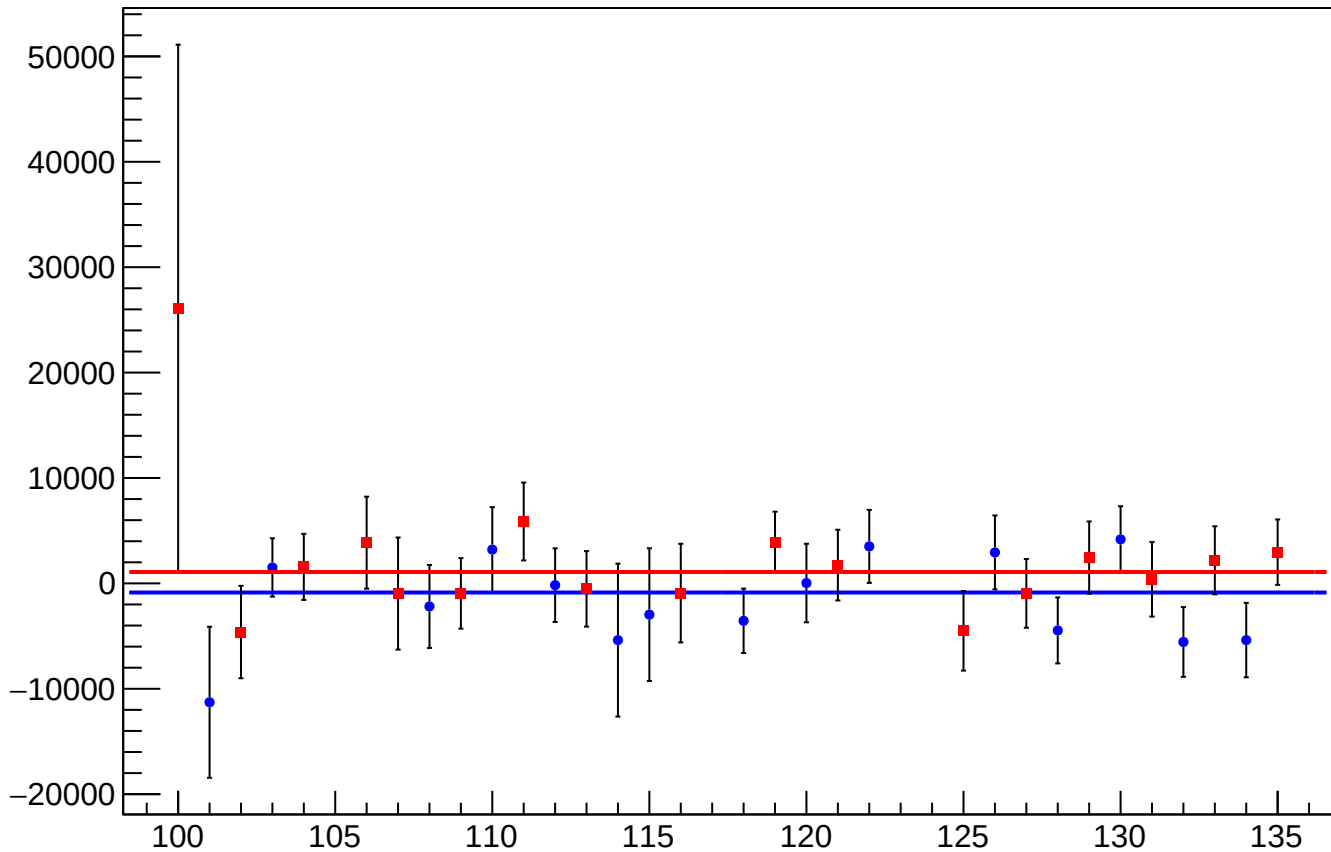
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.149 $\pm$ 0.048 χ^2 /NDF: 11266111.2/3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -865.818+/-944.258 χ^2 /NDF: 15.7/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1081.033+/-888.229 χ^2 /NDF: 10.0/16

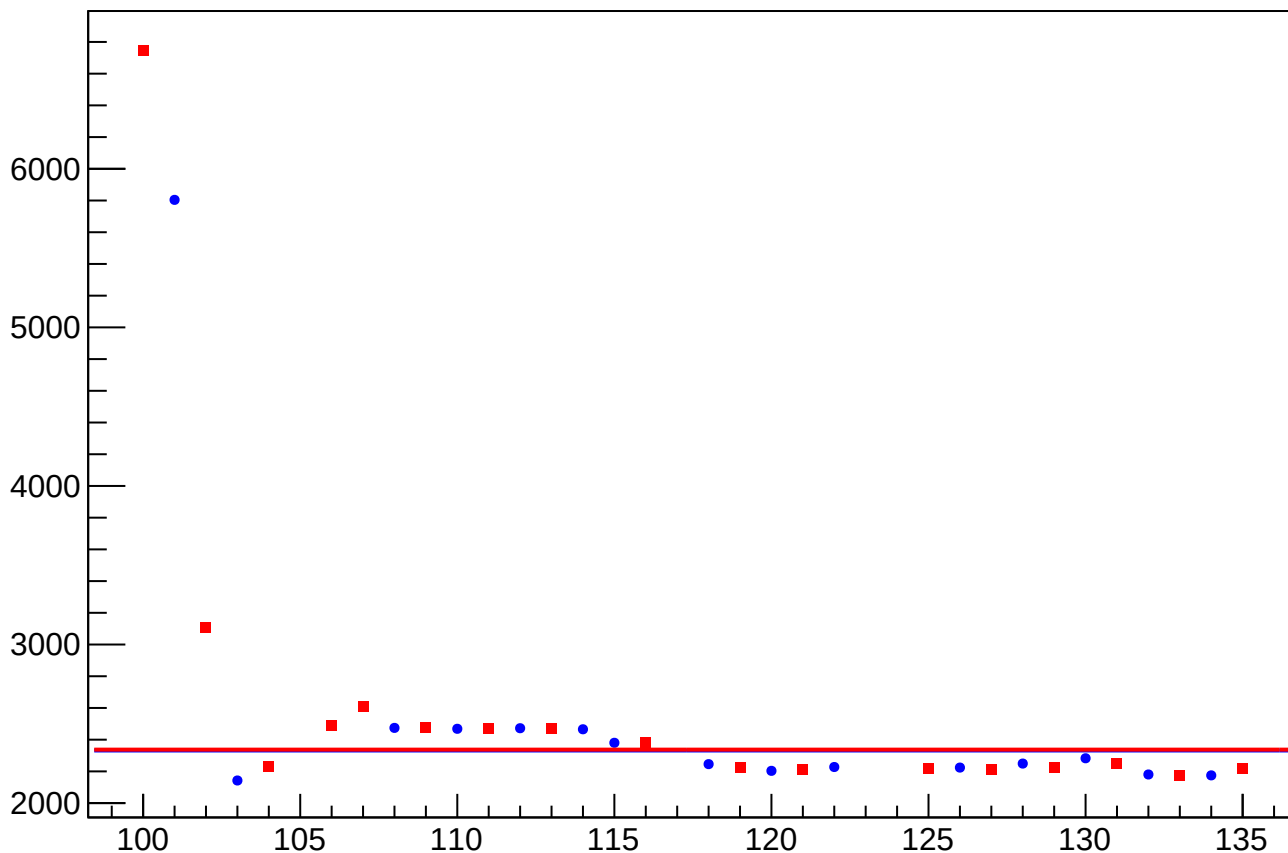
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 167.078+/-646.974 χ^2 /NDF: 27.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2331.860+/-0.668 χ^2/NDF : 505425.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2337.170+/-0.628 χ^2/NDF : 165126.8/16

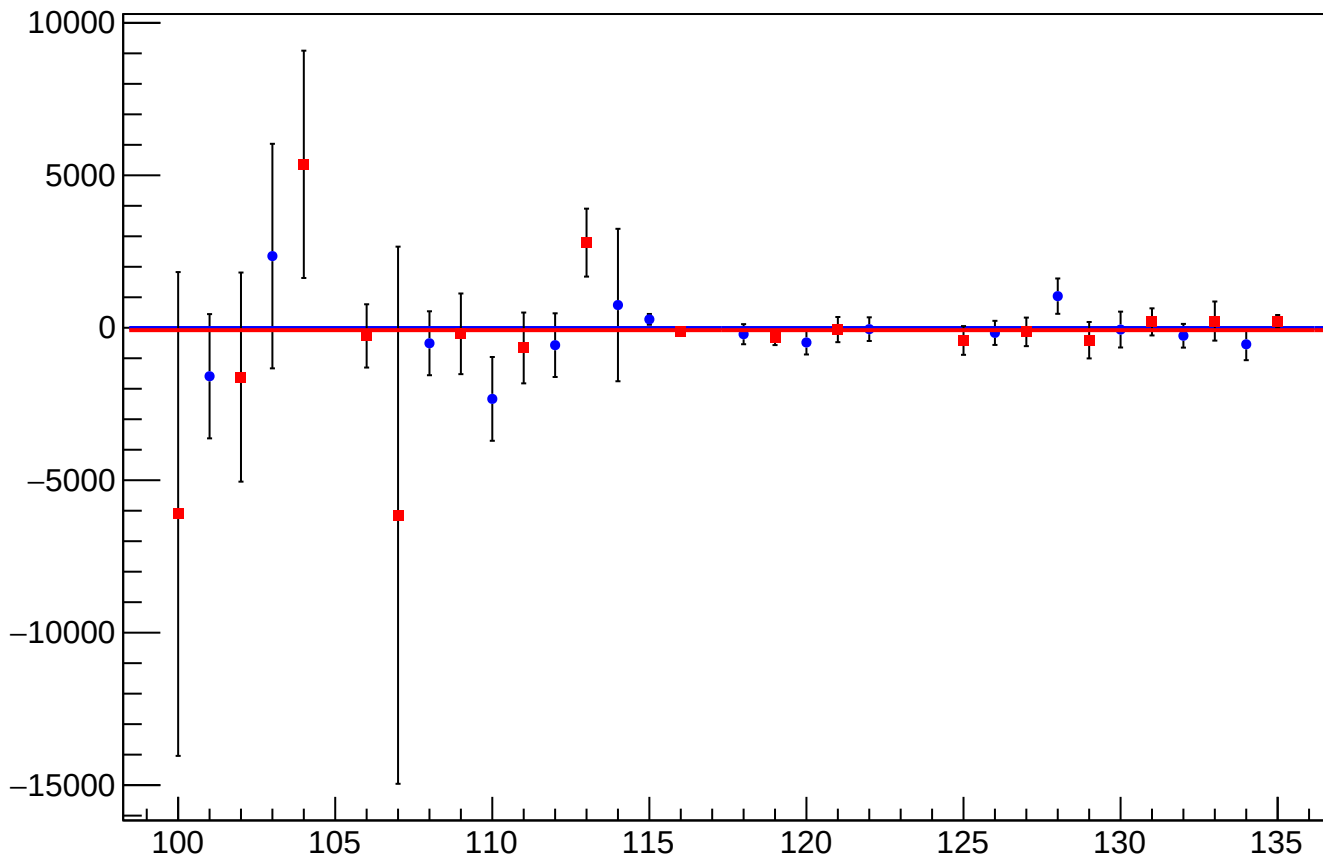
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2334.677+/-0.457 χ^2/NDF : 670586.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_mean vs Slug



Right In: -8.486+/-111.985 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.052+/-88.763 χ^2/NDF : 14.8/16

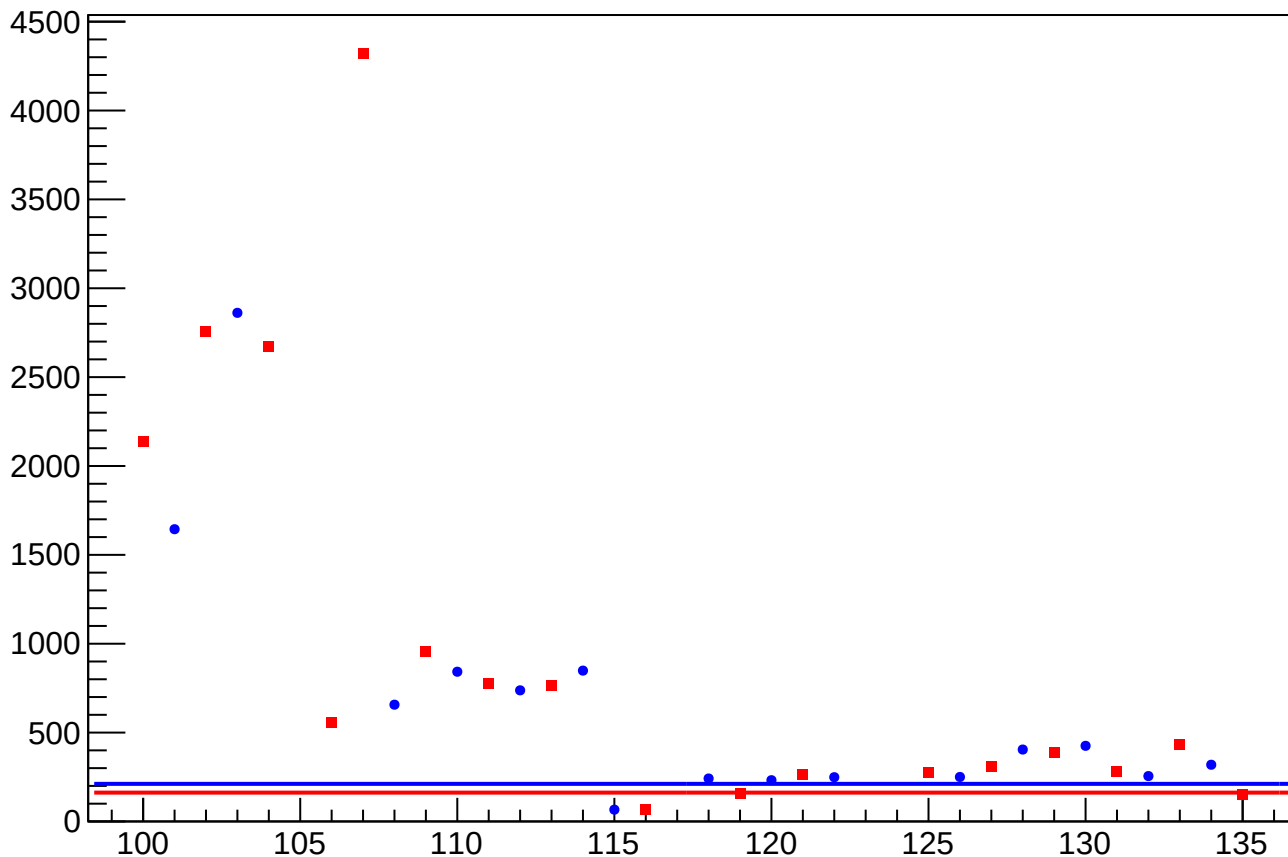
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.210+/-69.562 χ^2/NDF : 28.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_correction_rms vs Slug



Right In: 211.536+/-0.079 χ^2/NDF : 5450811.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 162.318+/-0.063 χ^2/NDF : 7070311.5/16

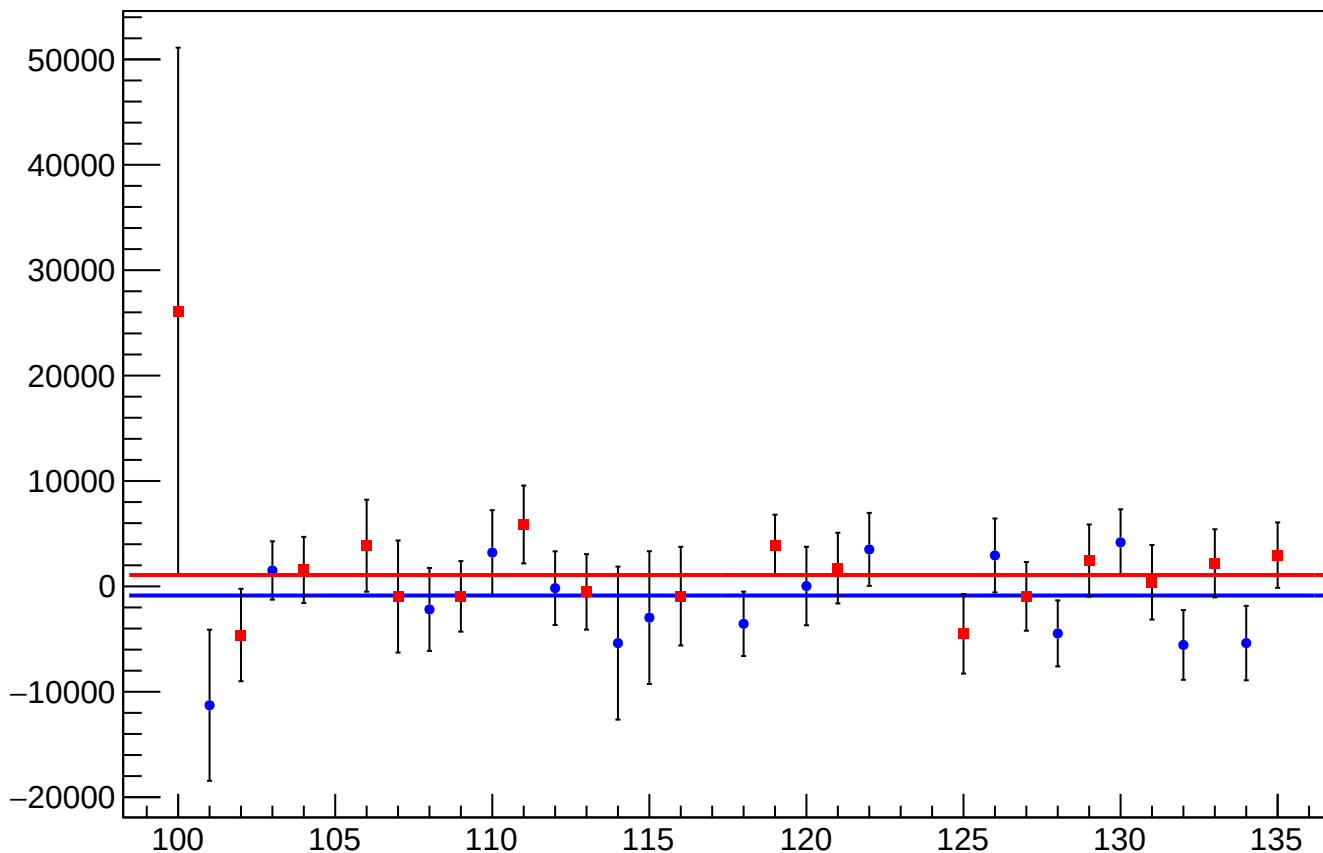
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.308+/-0.049 χ^2/NDF : 12758386.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -865.820+/-944.258 χ^2/NDF : 15.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1081.035+/-888.229 χ^2/NDF : 10.0/16

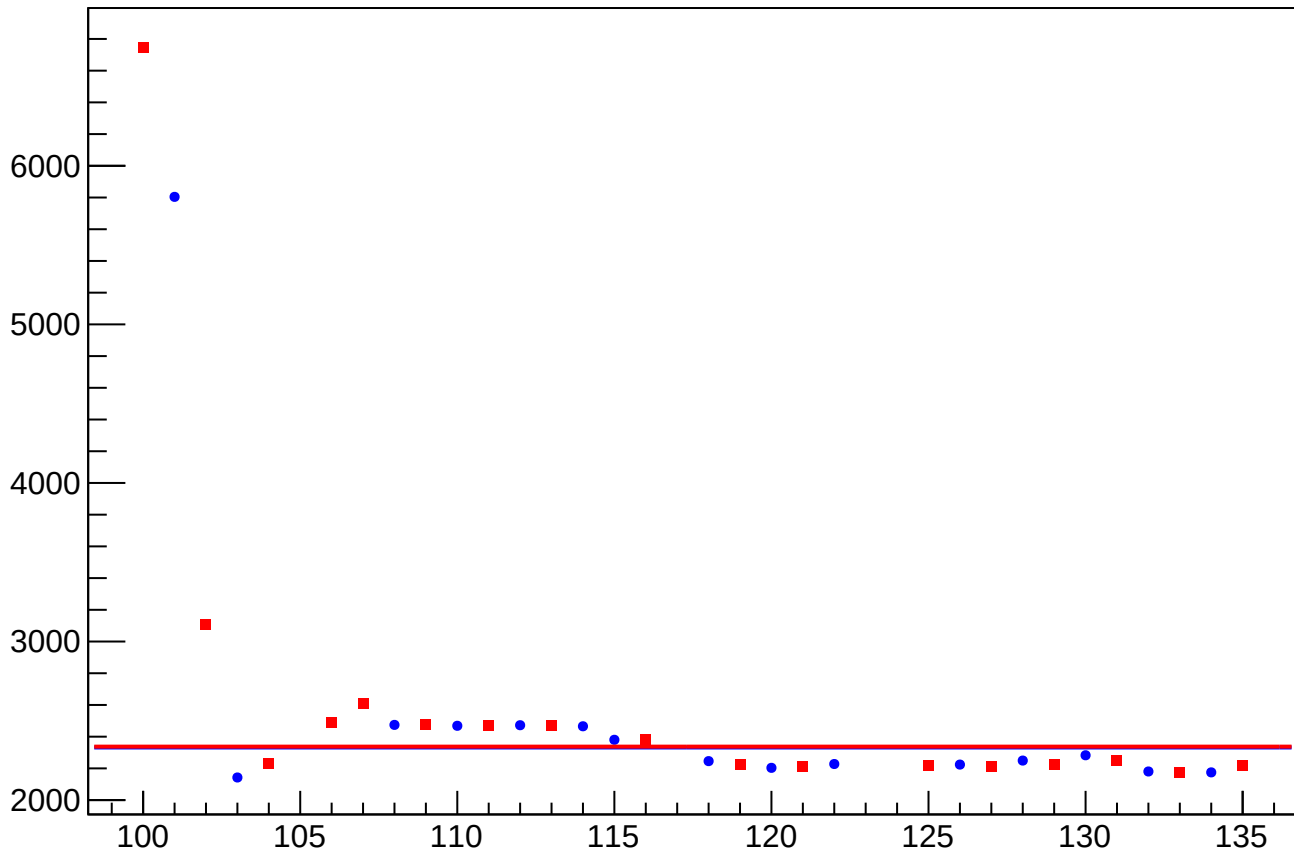
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 167.078+/-646.974 χ^2/NDF : 27.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2331.860+/-0.668 χ^2/NDF : 505425.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

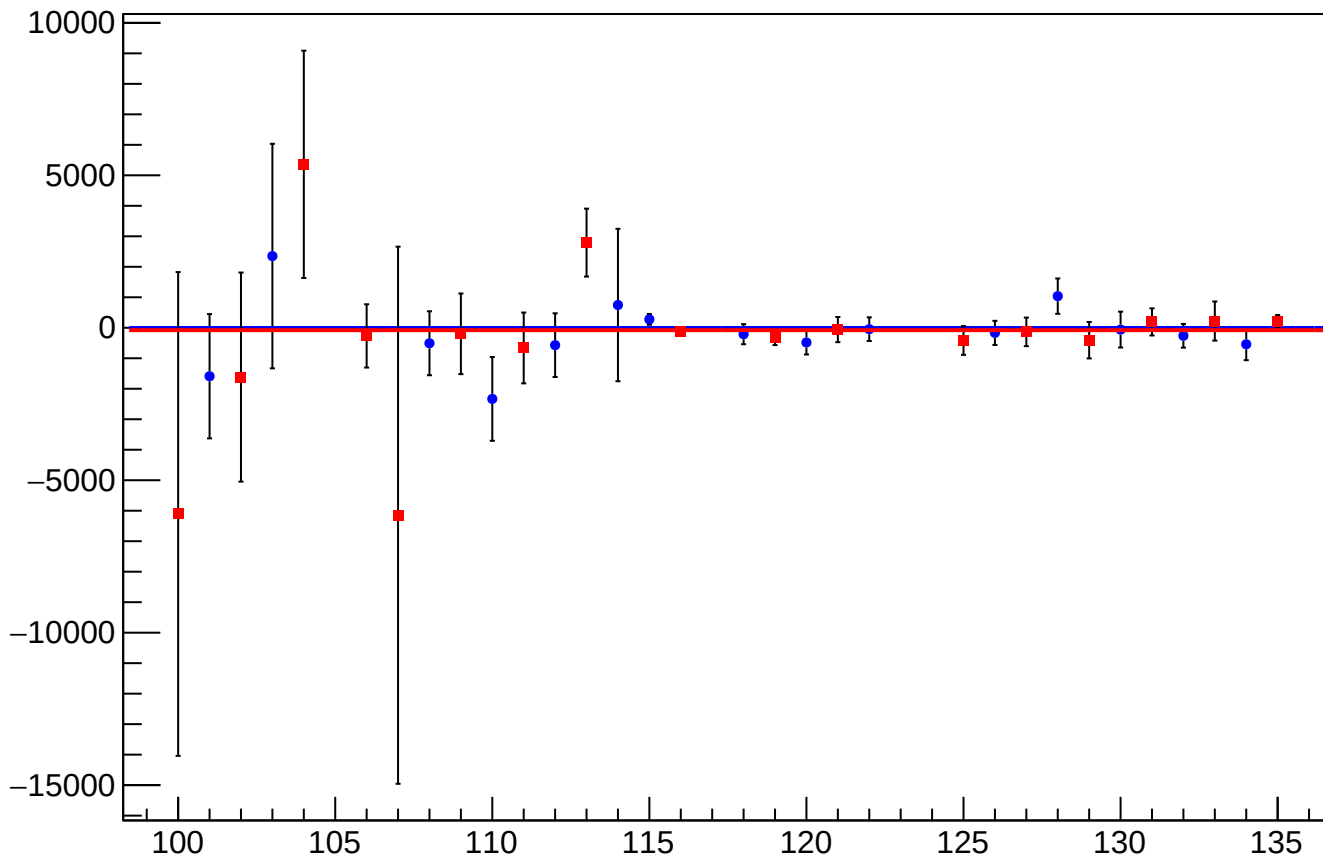
Right Out: 2337.170+/-0.628 χ^2/NDF : 165126.7/16

All: 2334.677+/-0.457 χ^2/NDF : 670586.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -8.485+/-111.984 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.054+/-88.762 χ^2/NDF : 14.8/16

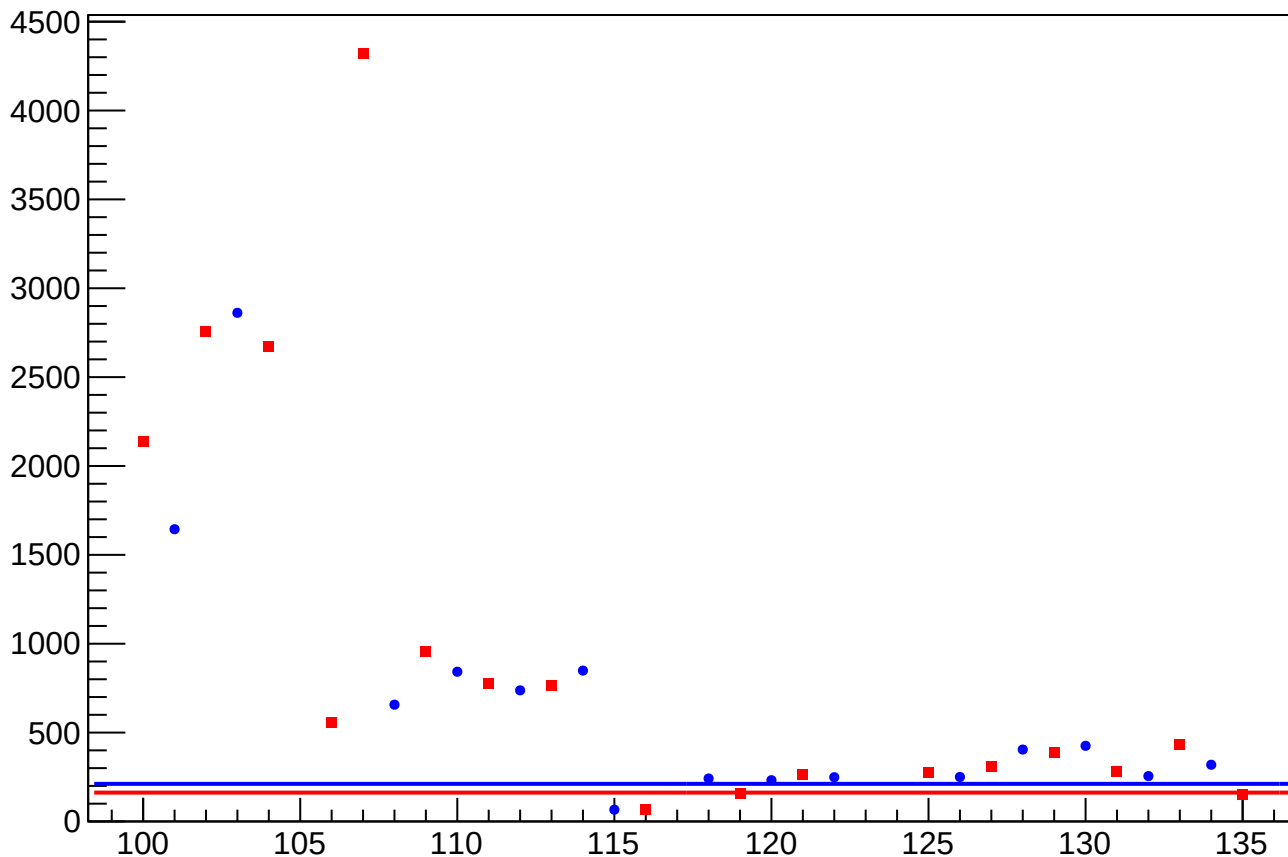
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -51.210+/-69.561 χ^2/NDF : 28.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 211.532 $\pm$ 0.079 χ^2 /NDF: 5450875.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 162.315 $\pm$ 0.063 χ^2 /NDF: 7070370.7/16

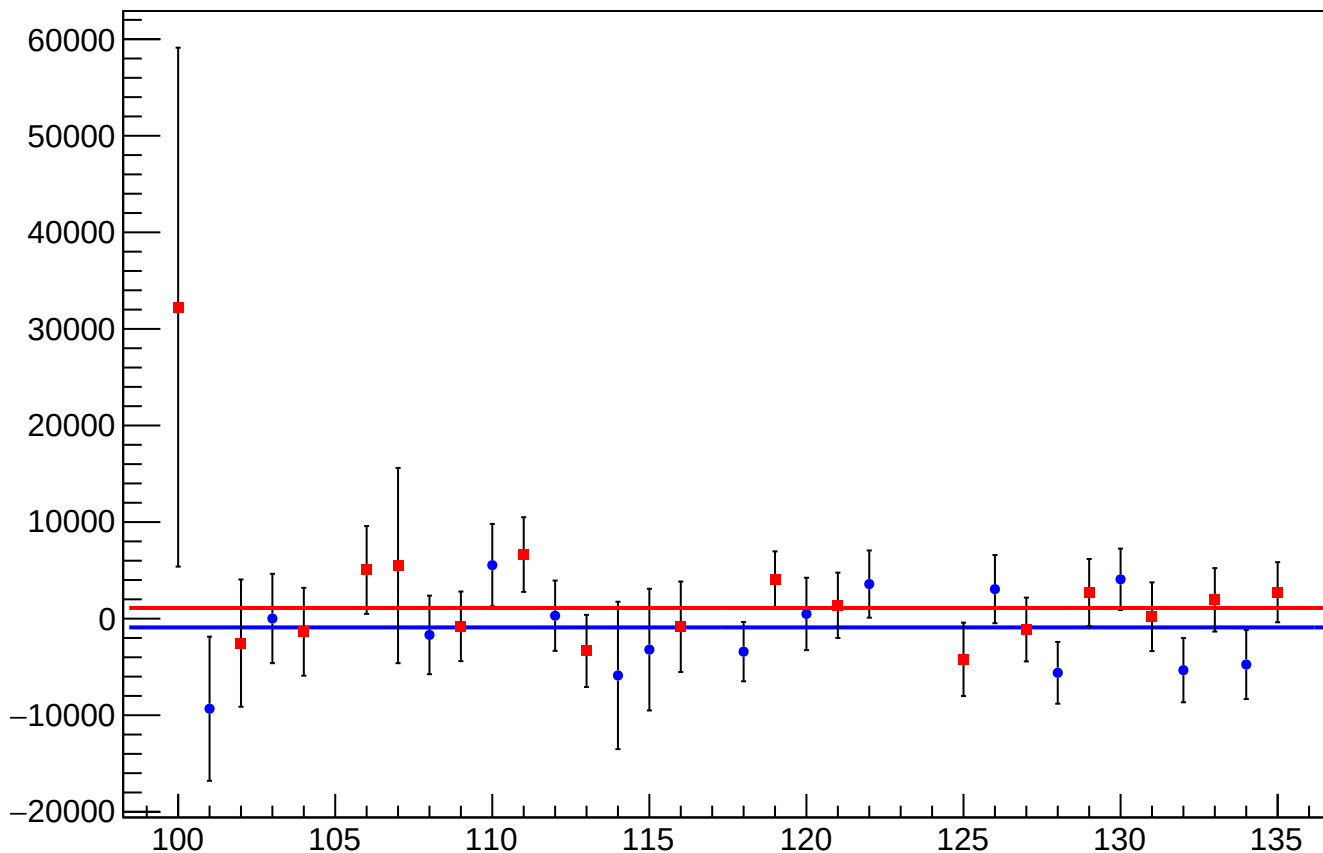
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.305 $\pm$ 0.049 χ^2 /NDF: 12758498.7/3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_mean vs Slug



Right In: -906.705+/-998.454 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1105.704+/-946.262 χ^2/NDF : 10.9/16

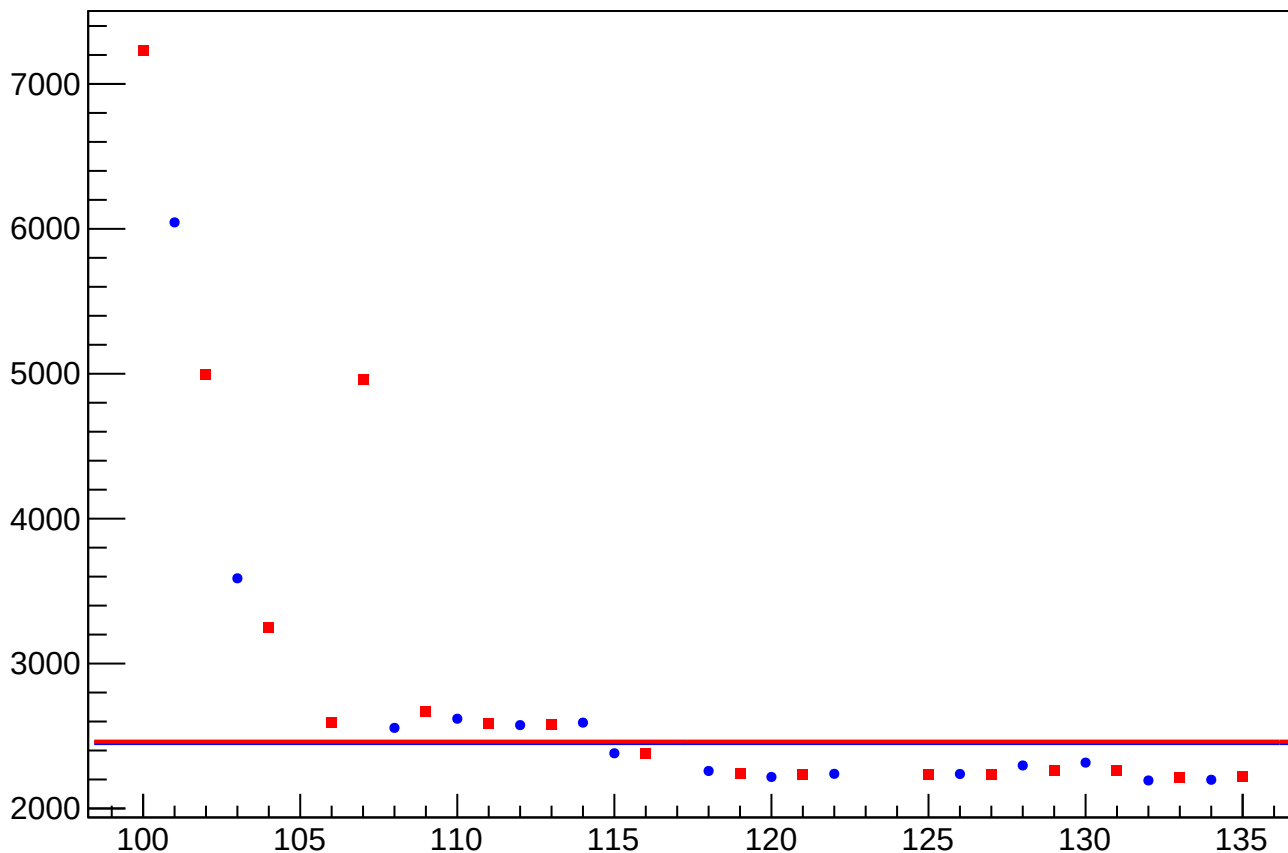
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 153.469+/-686.818 χ^2/NDF : 28.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_rms vs Slug



Right In: 2451.219+/-0.706 χ^2/NDF : 652936.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2461.541+/-0.669 χ^2/NDF : 627089.5/16

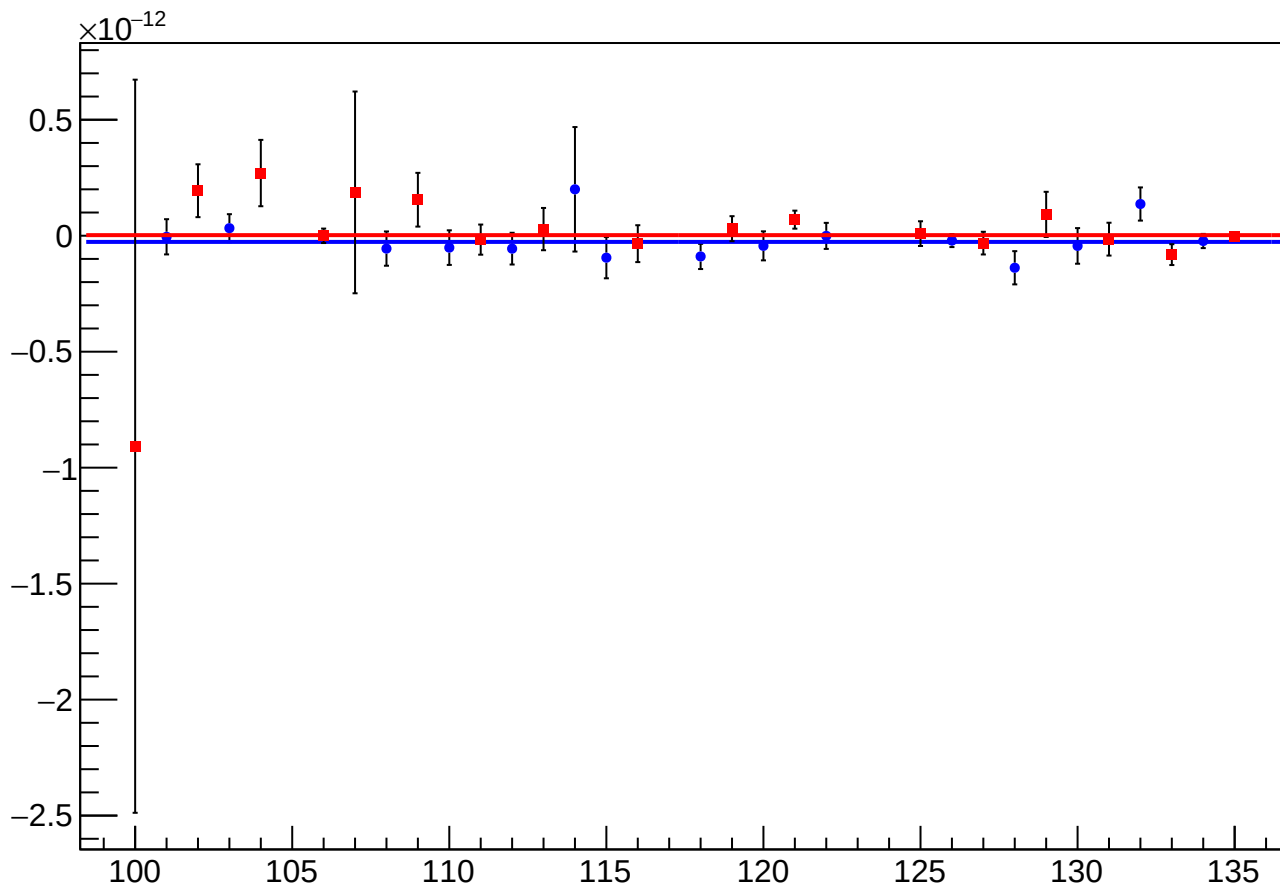
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2456.657+/-0.486 χ^2/NDF : 1280138.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 12.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 17.4/16

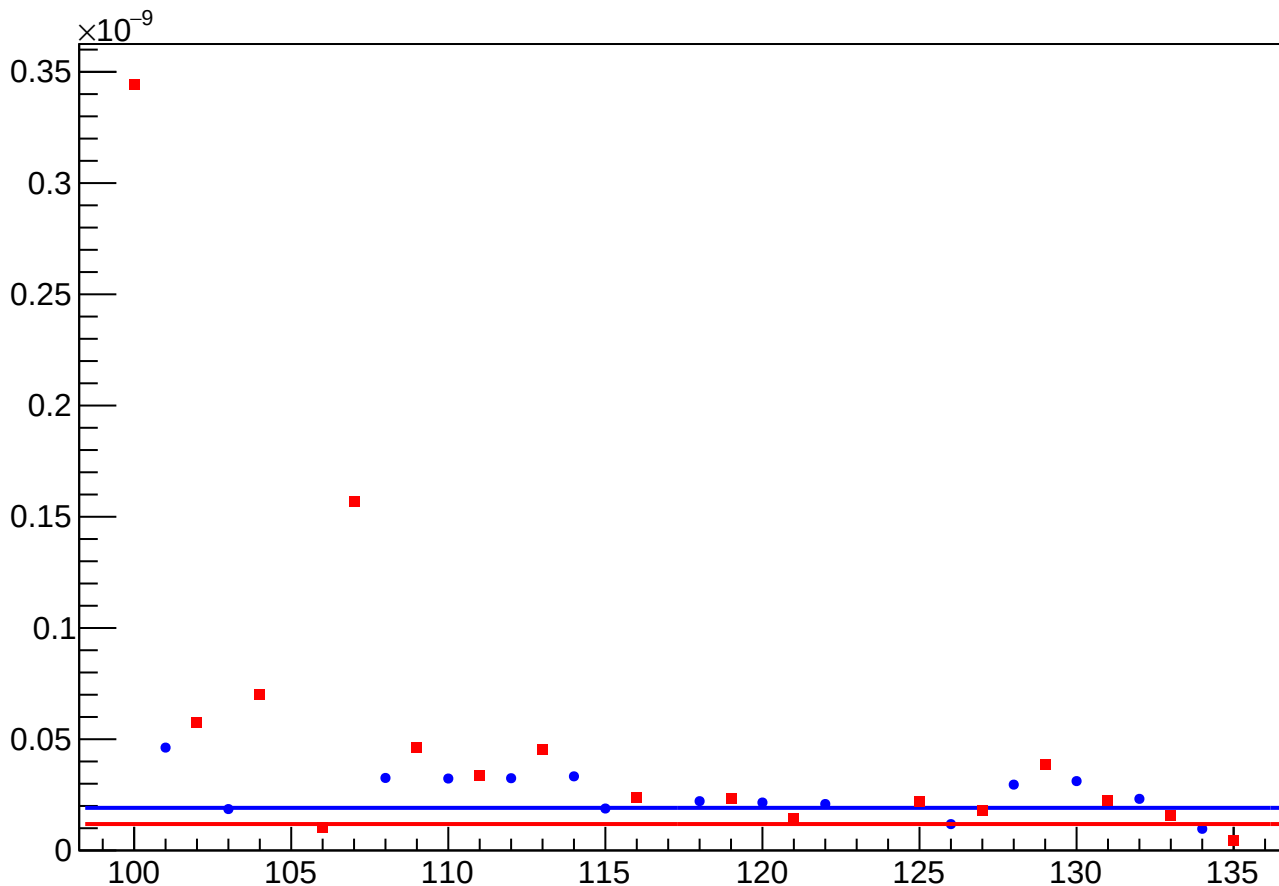
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 32.3/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 900144.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2645927.8/16

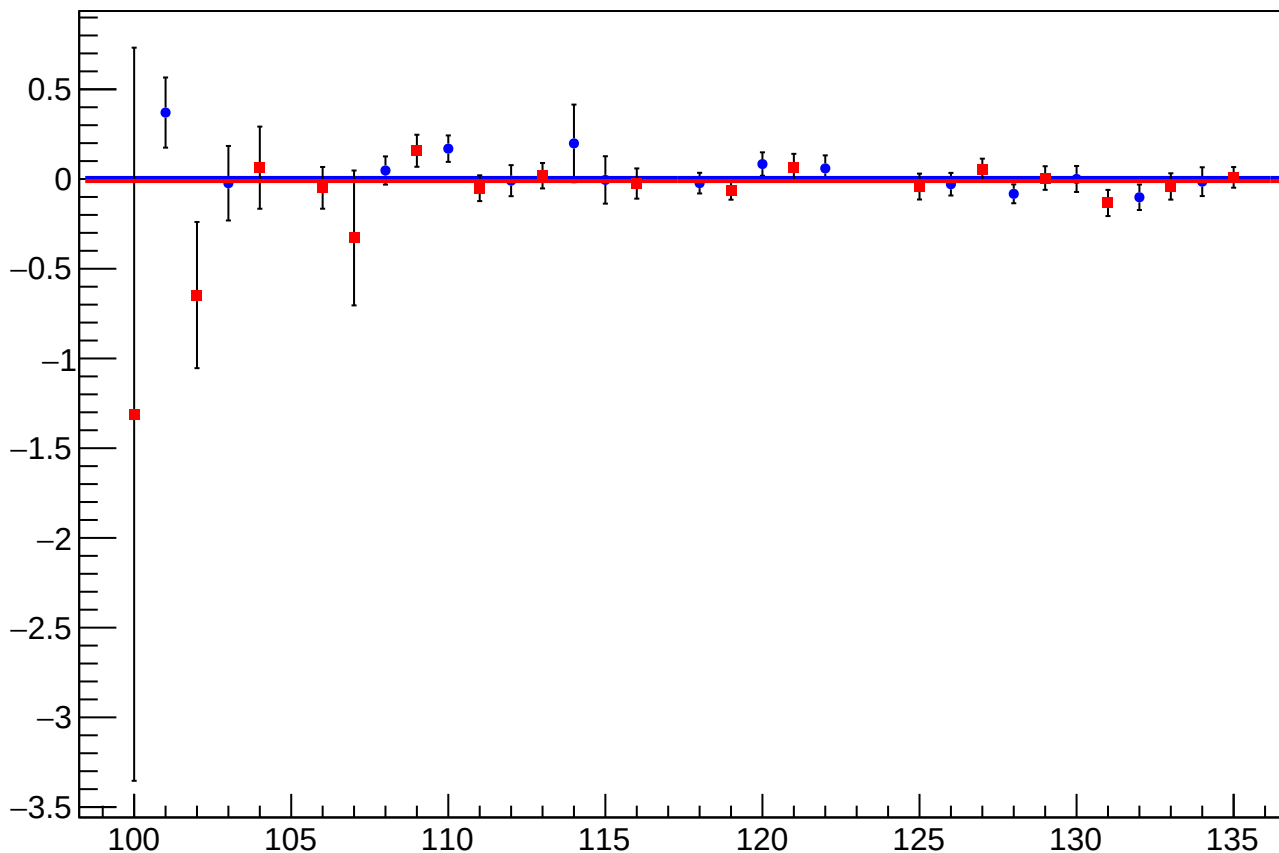
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3891929.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.020 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 14.3/16

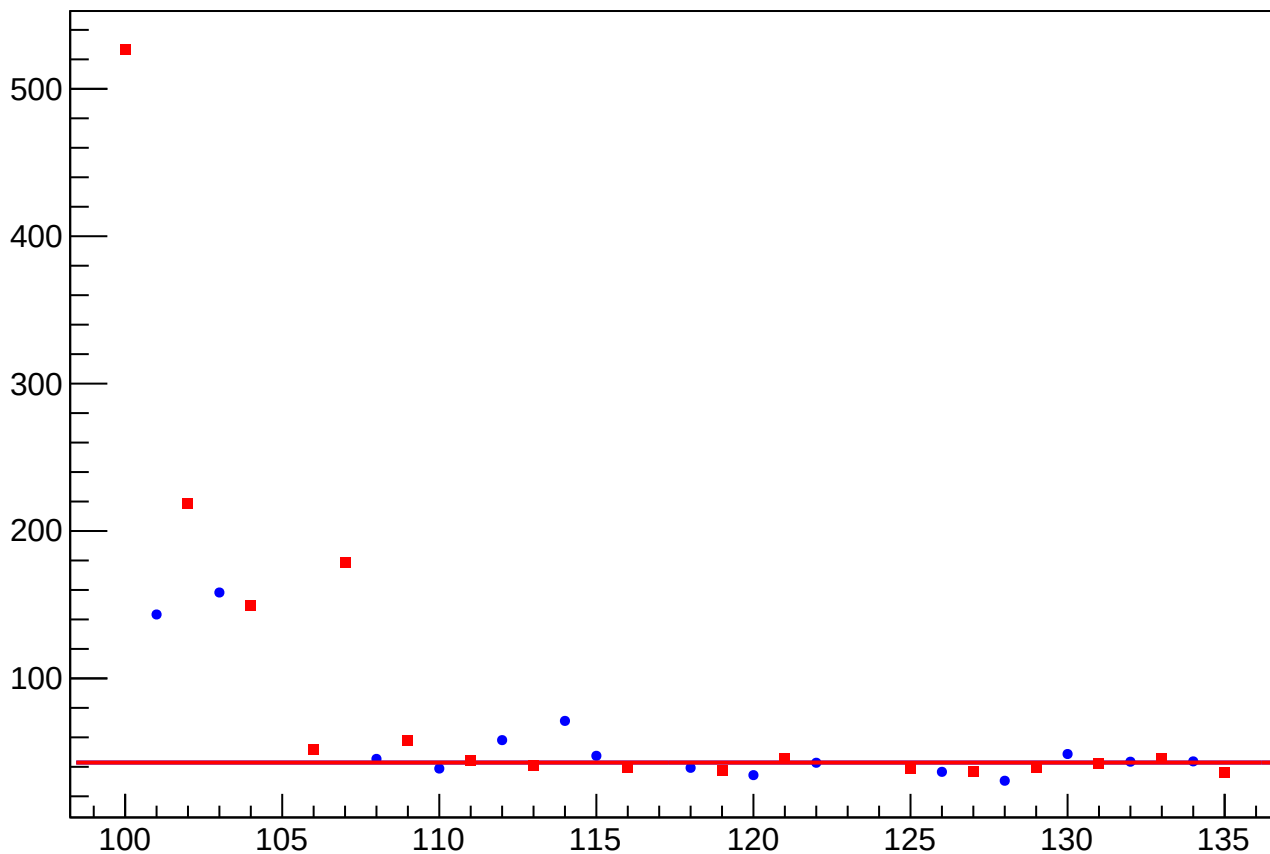
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.014 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.896+/-0.014 χ^2/NDF : 1340735.2/16

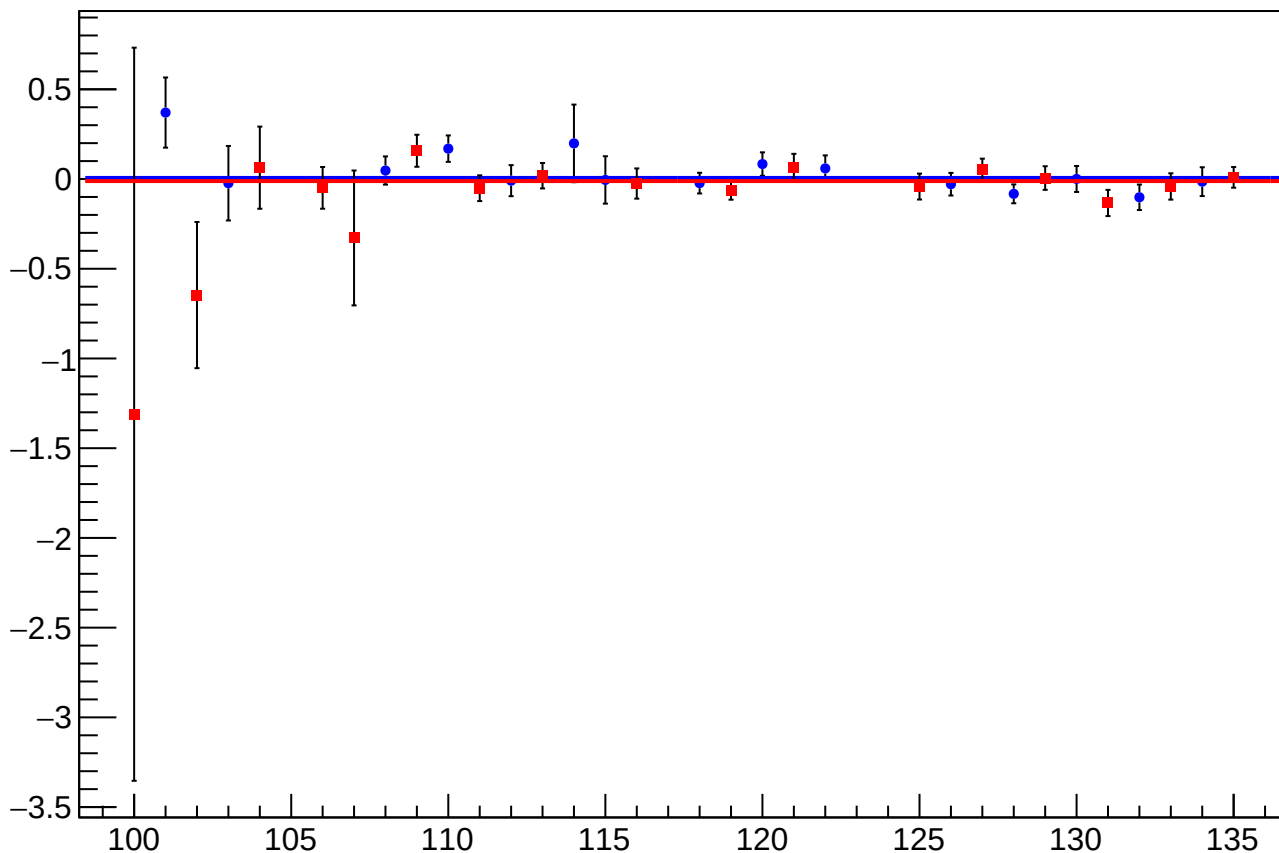
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.906+/-0.010 χ^2/NDF : 2778490.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.020 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 14.3/16

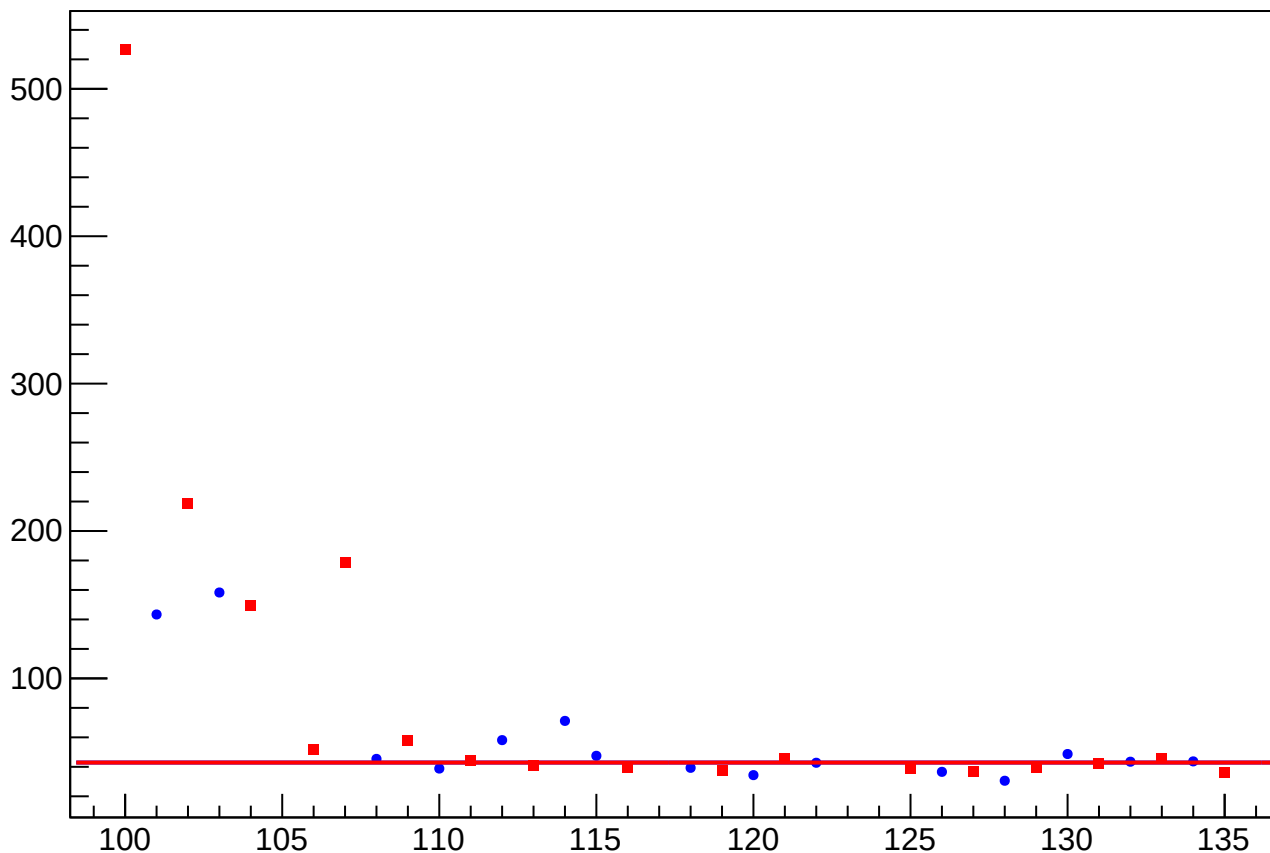
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.014 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.916+/-0.014 χ^2/NDF : 1437754.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.896+/-0.014 χ^2/NDF : 1340735.2/16

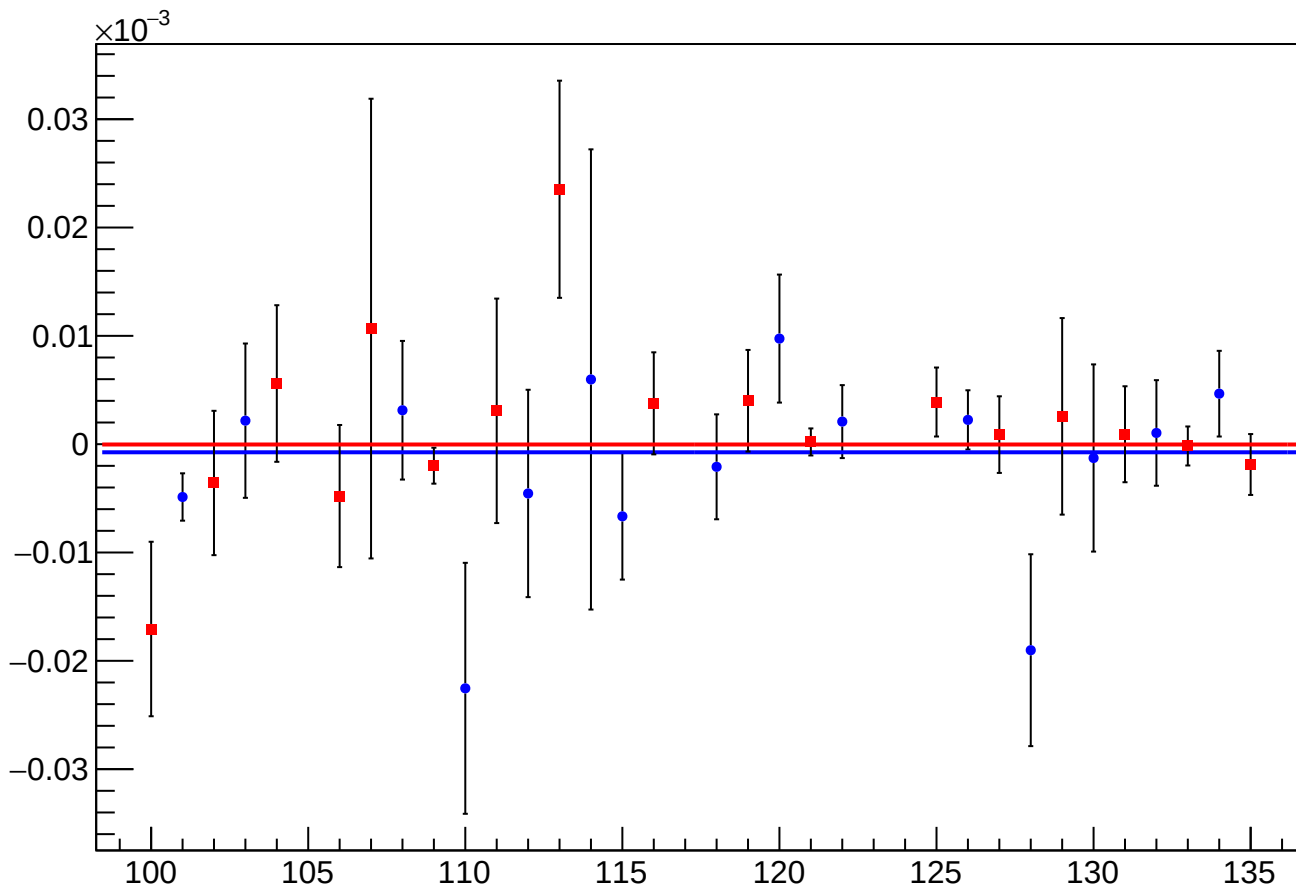
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.906+/-0.010 χ^2/NDF : 2778490.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 16.7/16

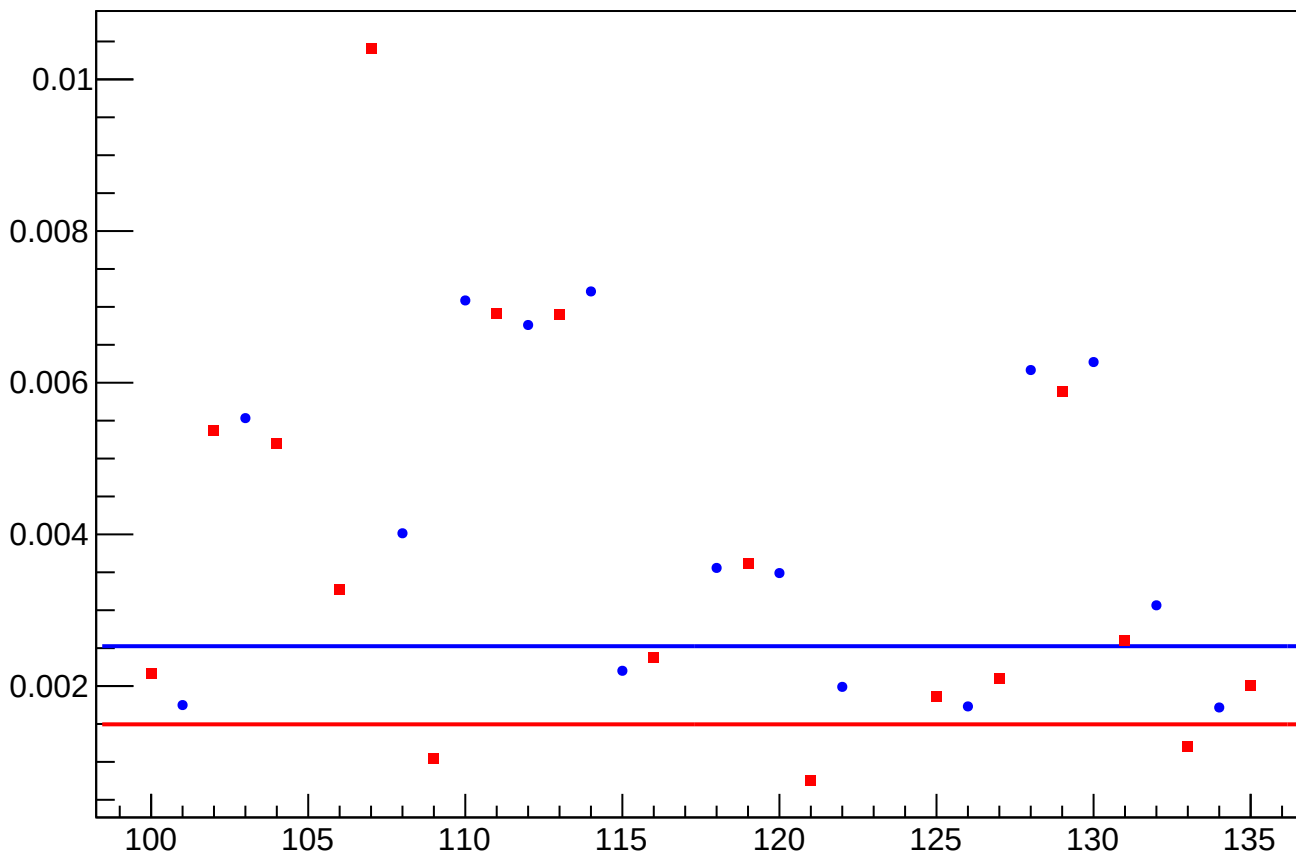
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 37.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 2707571.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4976170.0/16

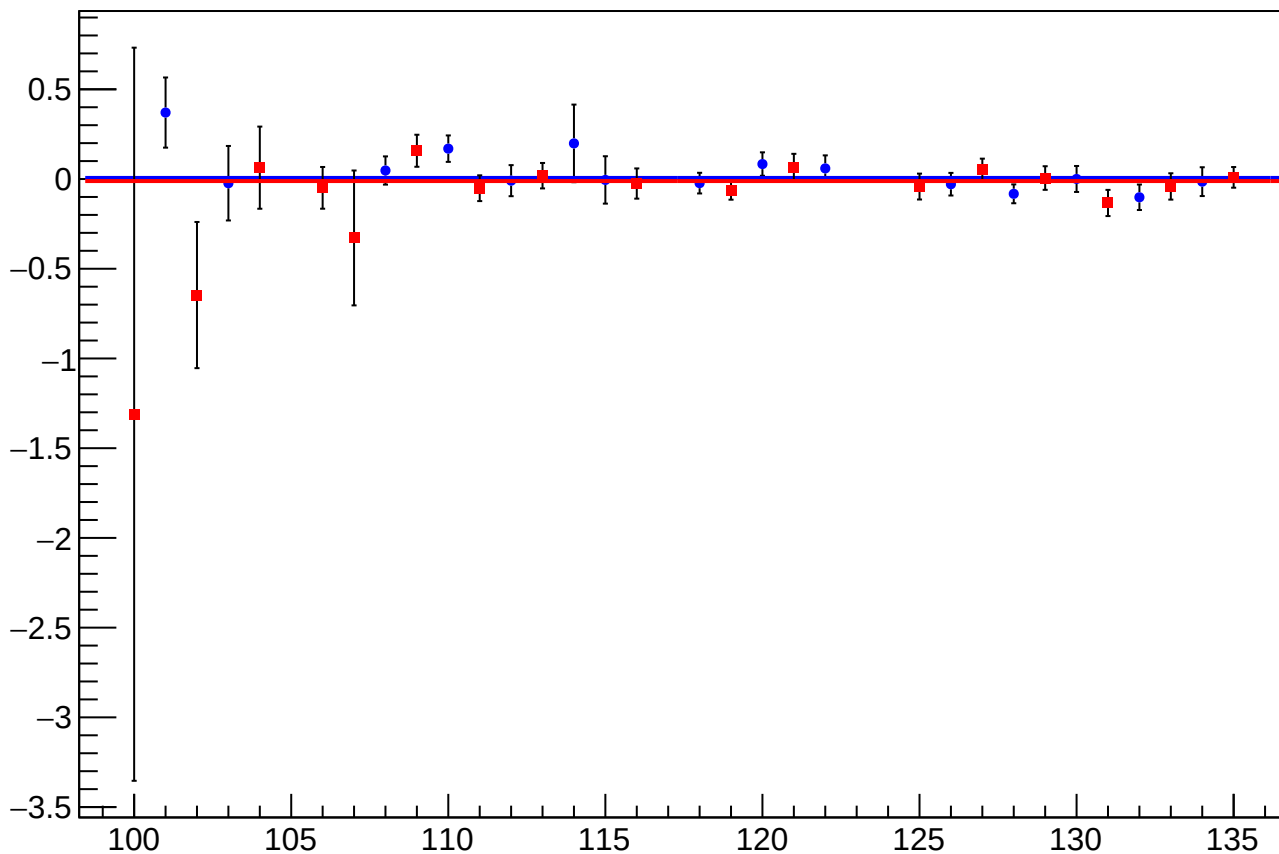
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 8797884.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.006 ± 0.020 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.011 ± 0.019 χ^2/NDF : 14.3/16

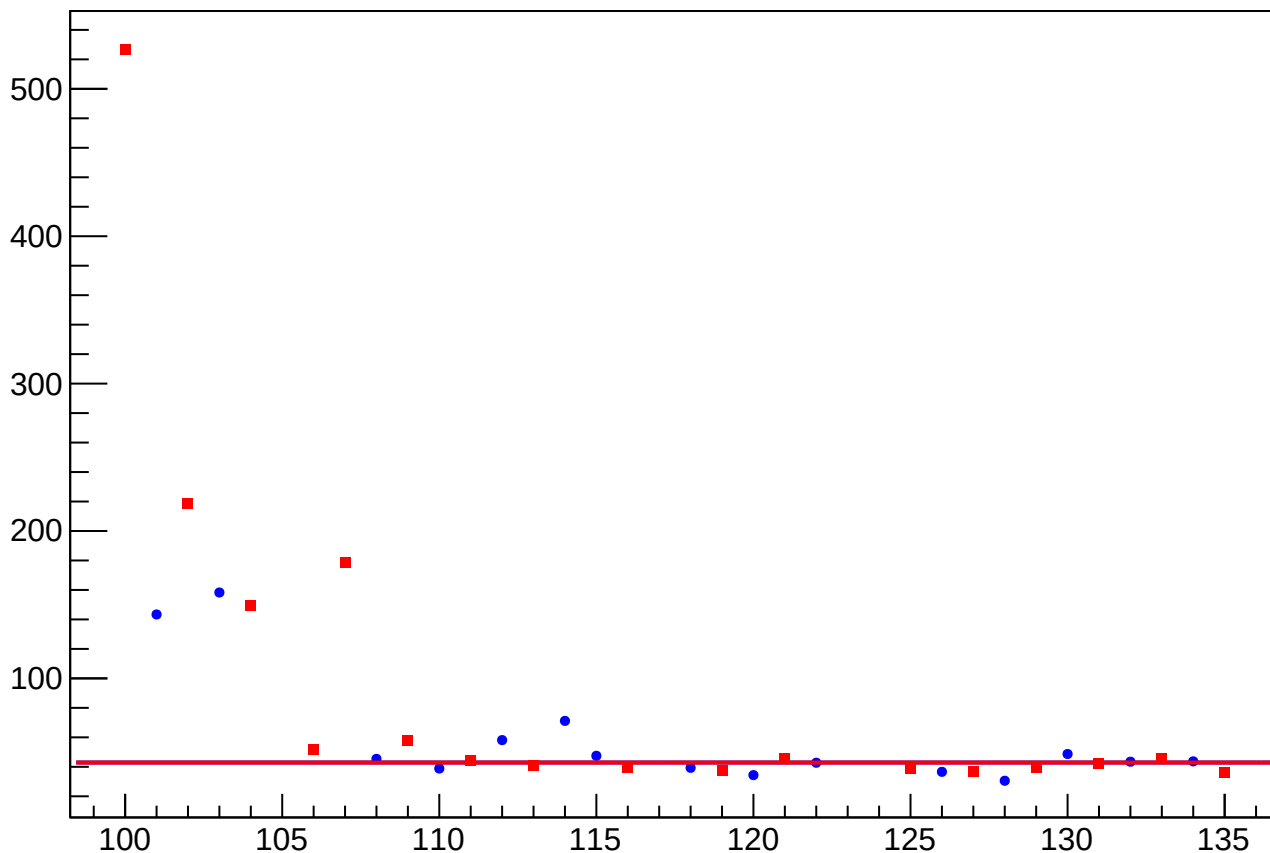
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.014 χ^2/NDF : 32.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 42.913+/-0.014 χ^2/NDF : 1437992.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.897+/-0.014 χ^2/NDF : 1340708.0/16

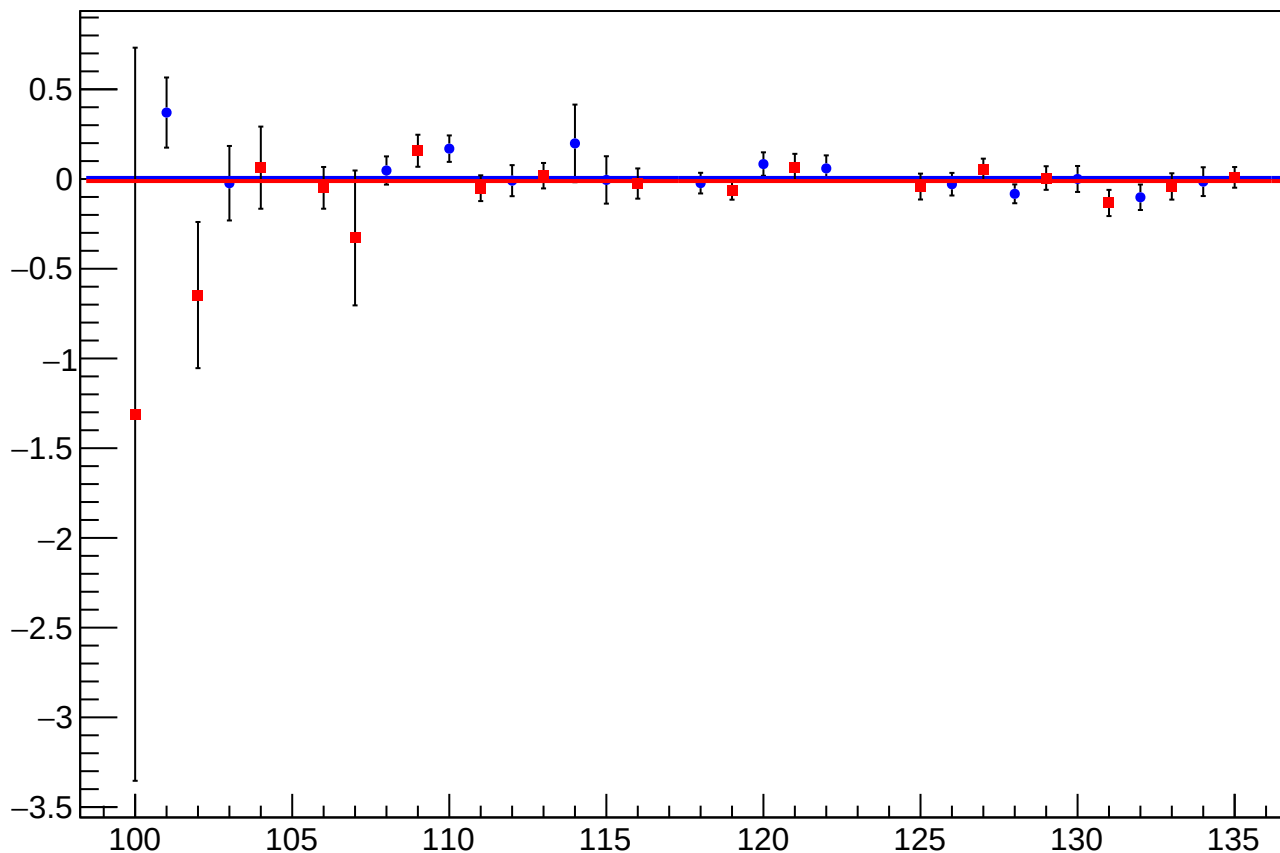
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.905+/-0.010 χ^2/NDF : 2778701.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.006 $\pm$ 0.020 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.011 $\pm$ 0.019 χ^2 /NDF: 14.3/16

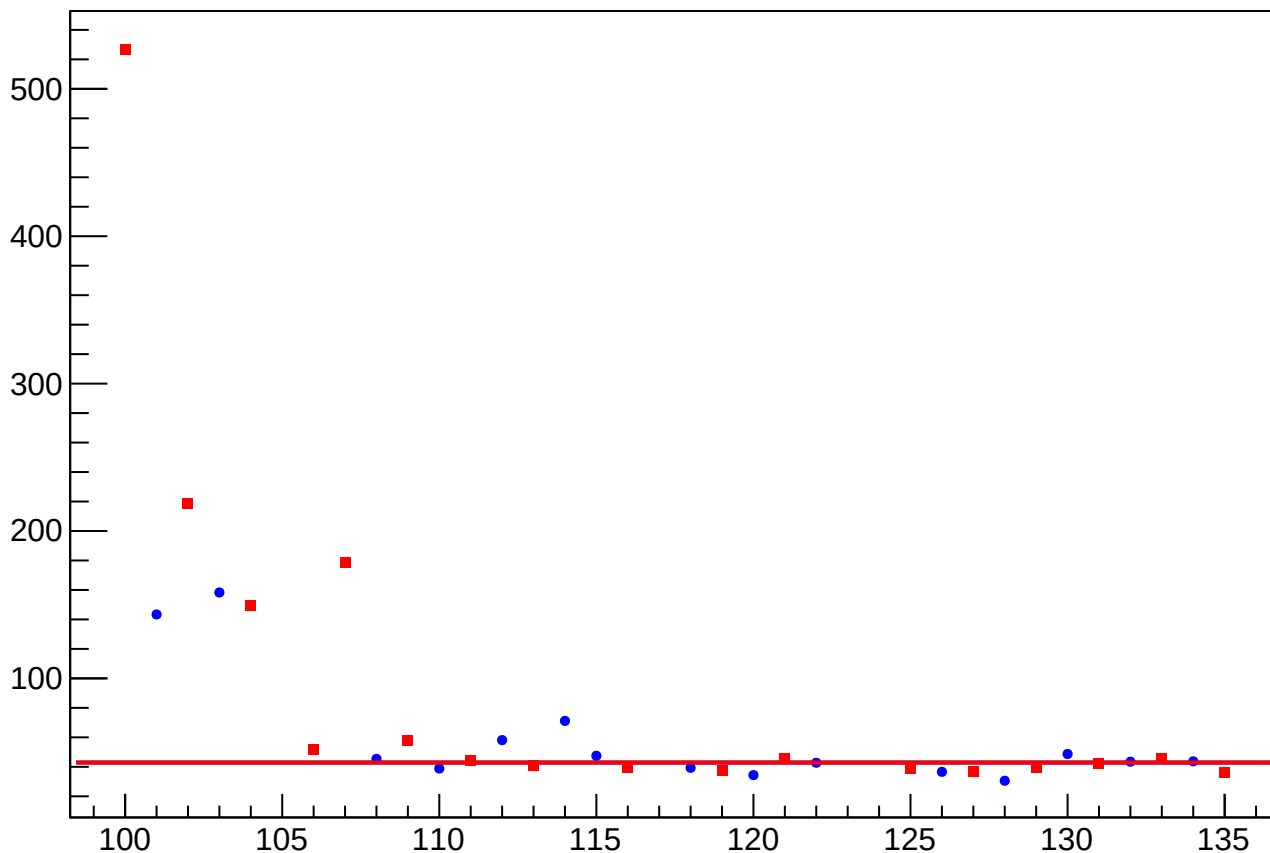
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.014 χ^2 /NDF: 32.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 42.913+/-0.014 χ^2/NDF : 1437992.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.897+/-0.014 χ^2/NDF : 1340708.0/16

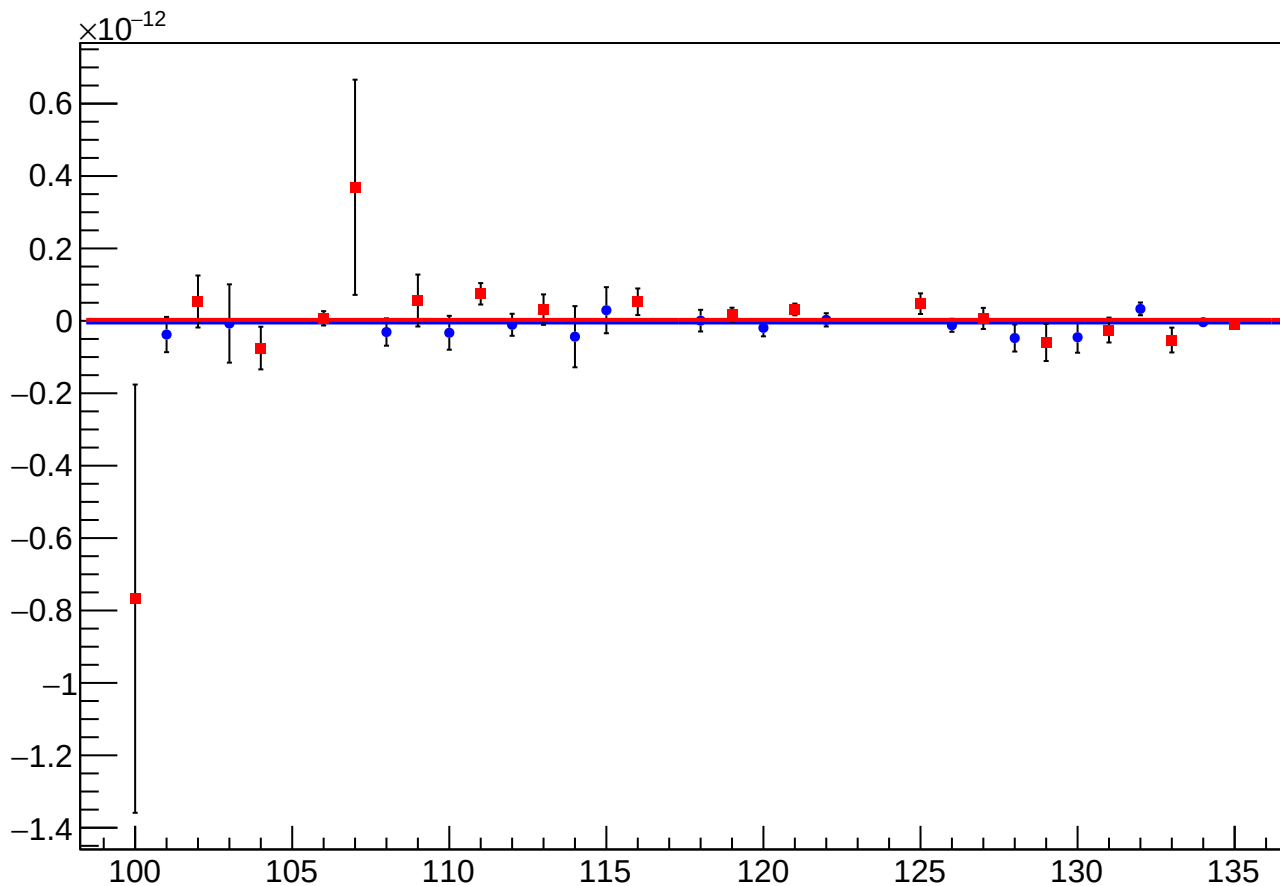
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 42.905+/-0.010 χ^2/NDF : 2778701.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 9.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 28.8/16

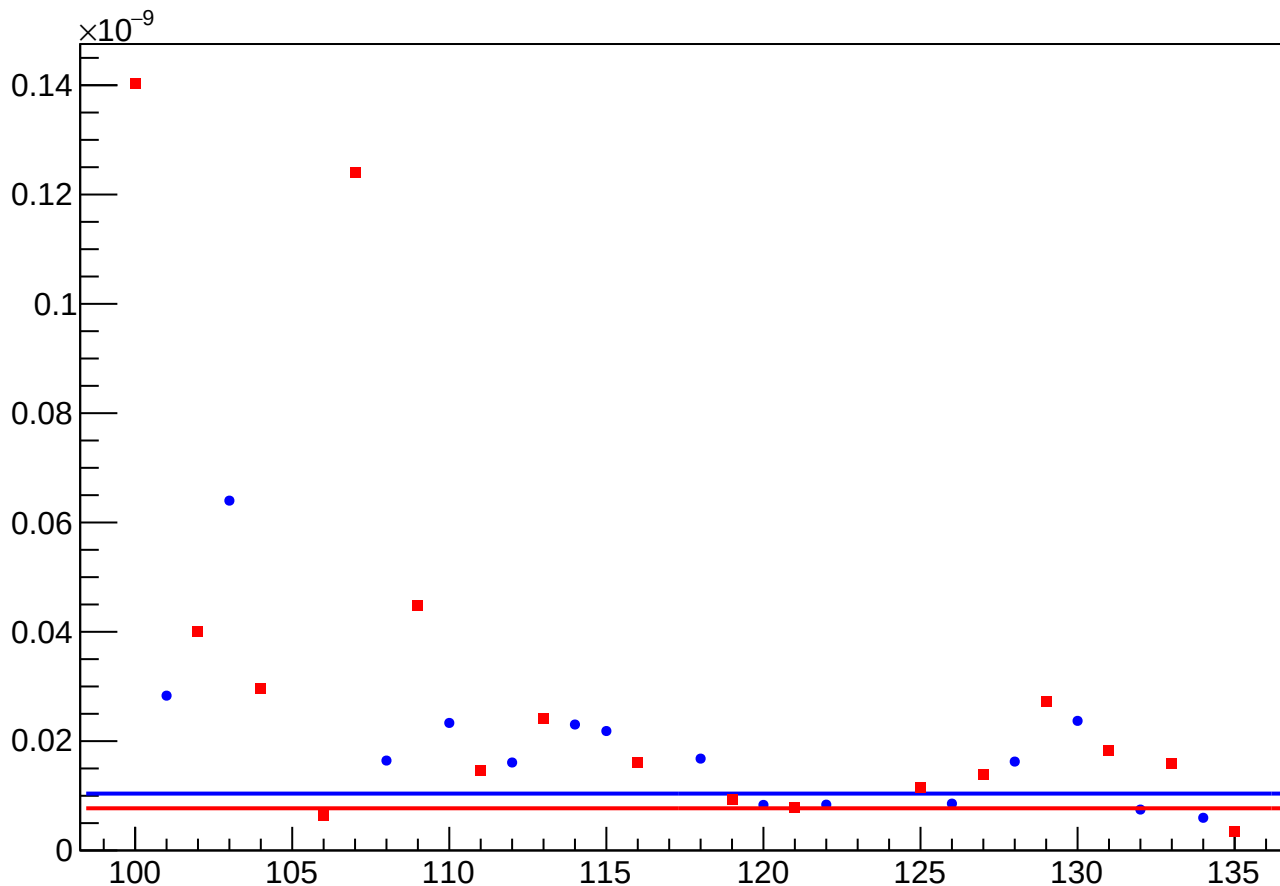
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1833722.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3556484.2/16

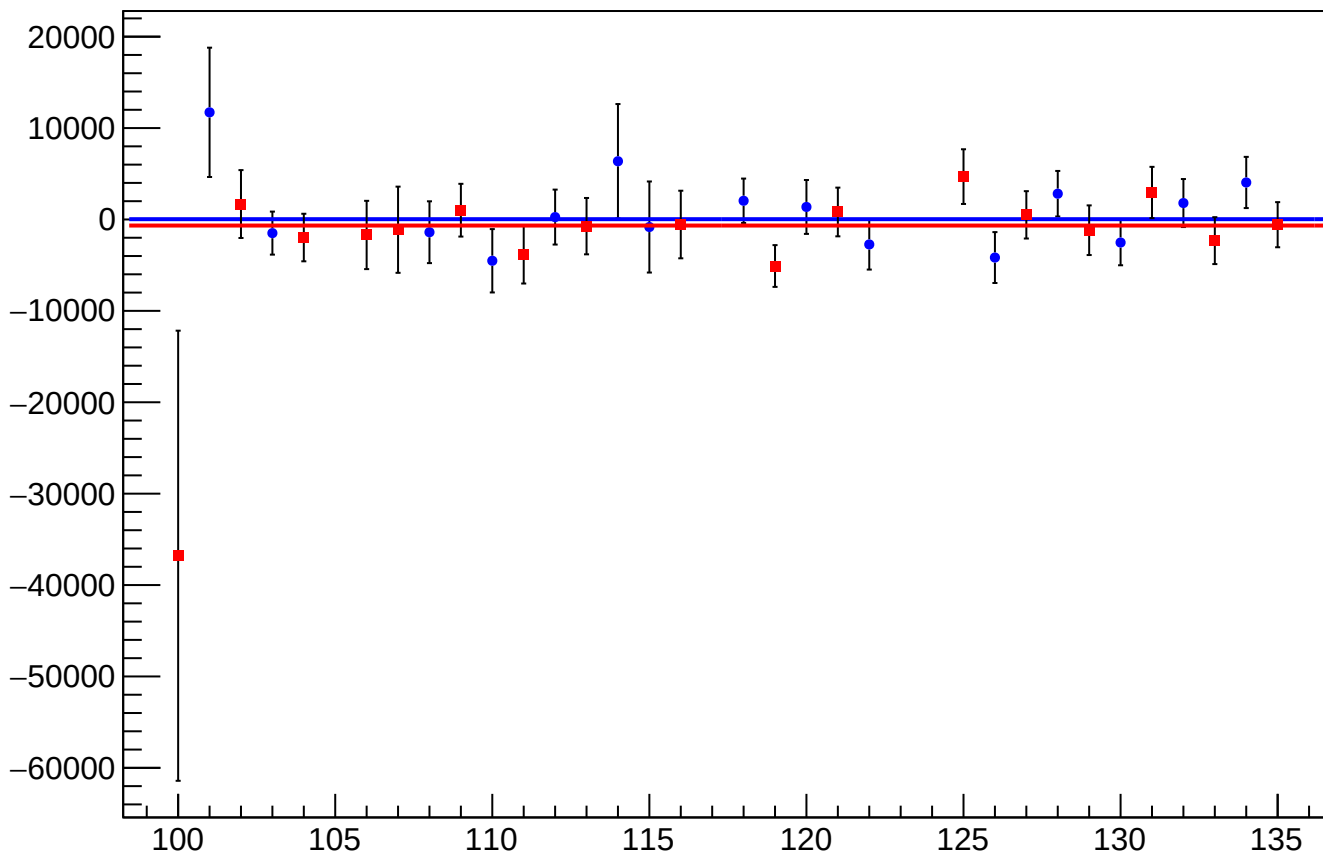
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5592091.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 31.795 $\pm$ 769.553 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -664.951 $\pm$ 724.012 χ^2 /NDF: 13.8/16

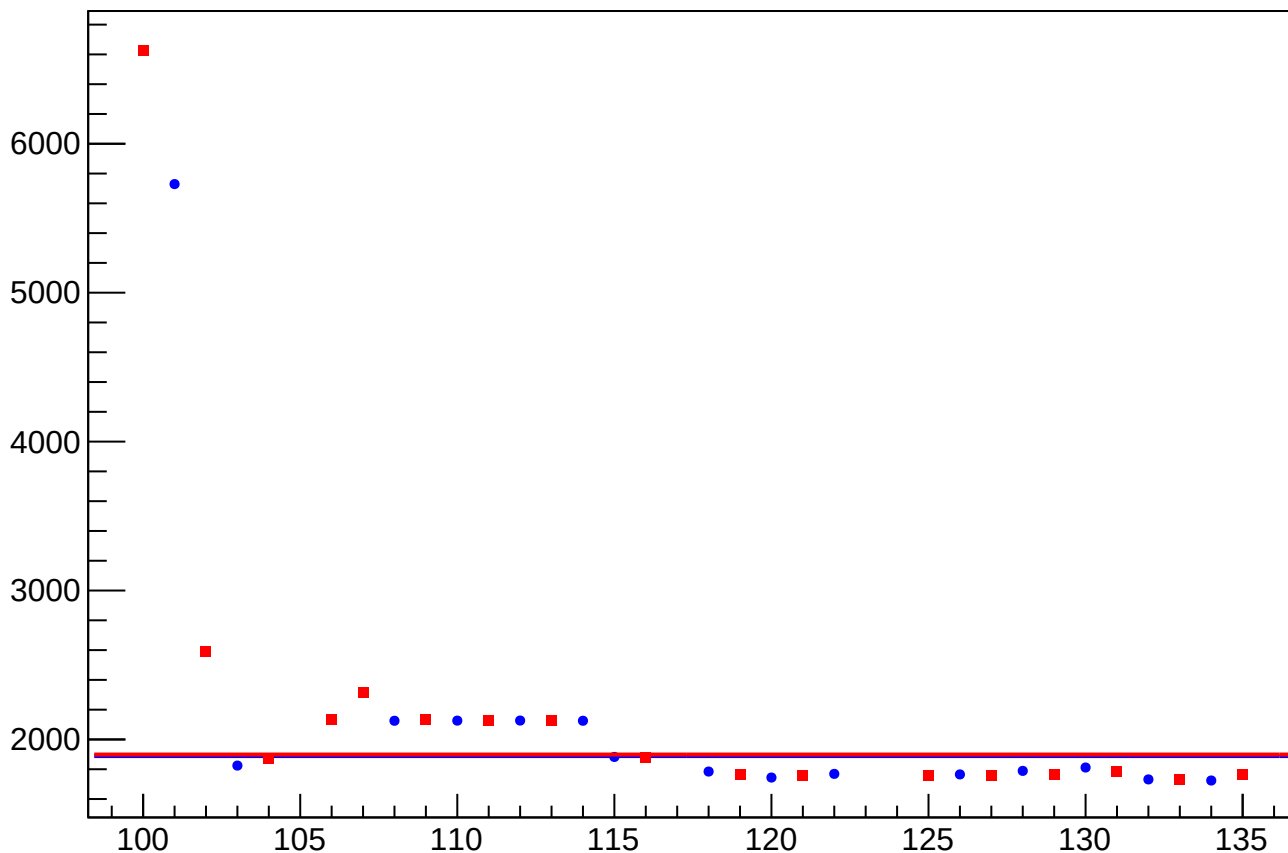
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -337.803 $\pm$ 527.319 χ^2 /NDF: 29.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1898.714+/-0.512 χ^2/NDF : 247711.4/16

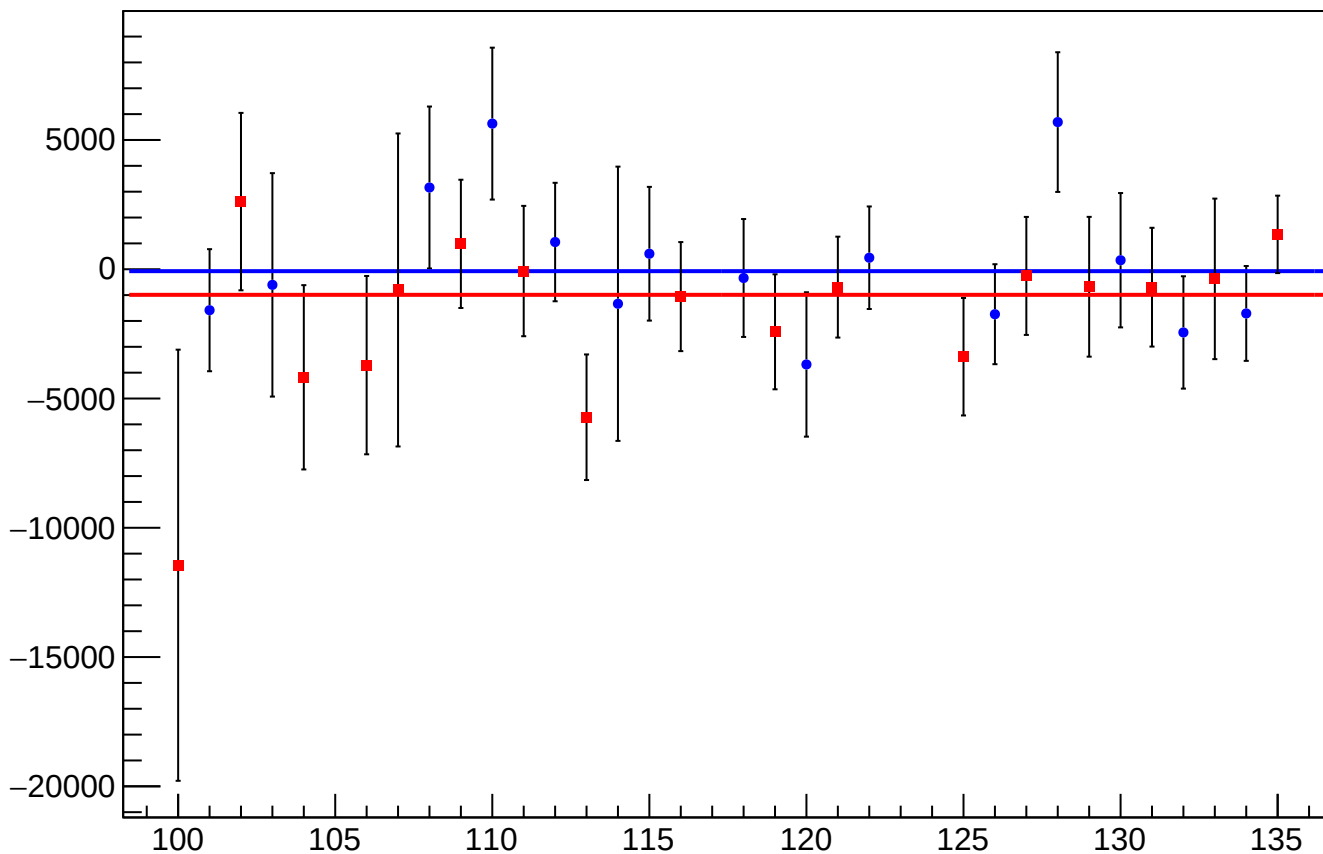
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1893.891+/-0.373 χ^2/NDF : 908726.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_mean vs Slug



Right In: -73.879+/-637.220 χ^2/NDF : 14.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -989.574+/-605.206 χ^2/NDF : 12.8/16

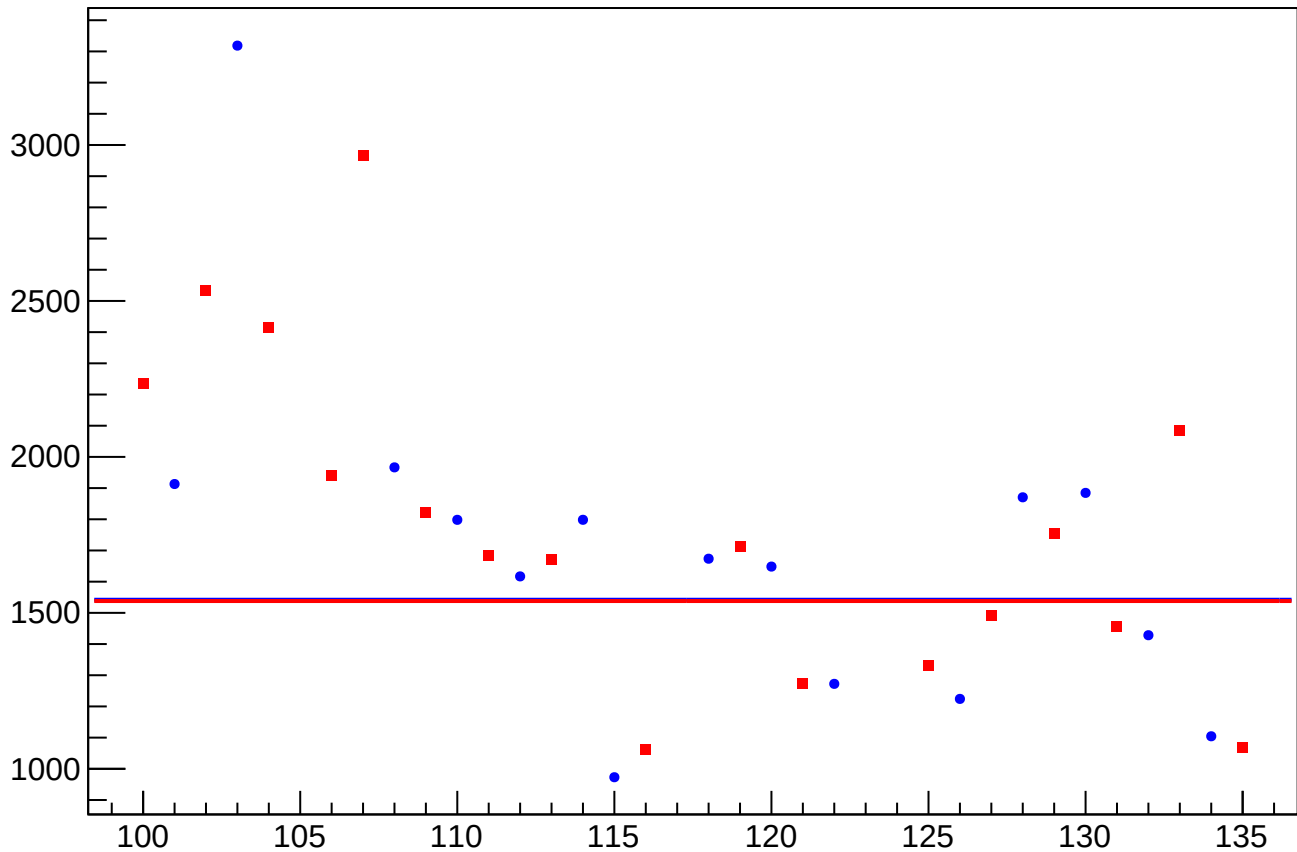
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -555.306+/-438.827 χ^2/NDF : 28.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_correction_rms vs Slug



Right In: 1542.008 $\pm$ 0.451 χ^2 /NDF: 827259.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1537.909 $\pm$ 0.428 χ^2 /NDF: 921727.1/16

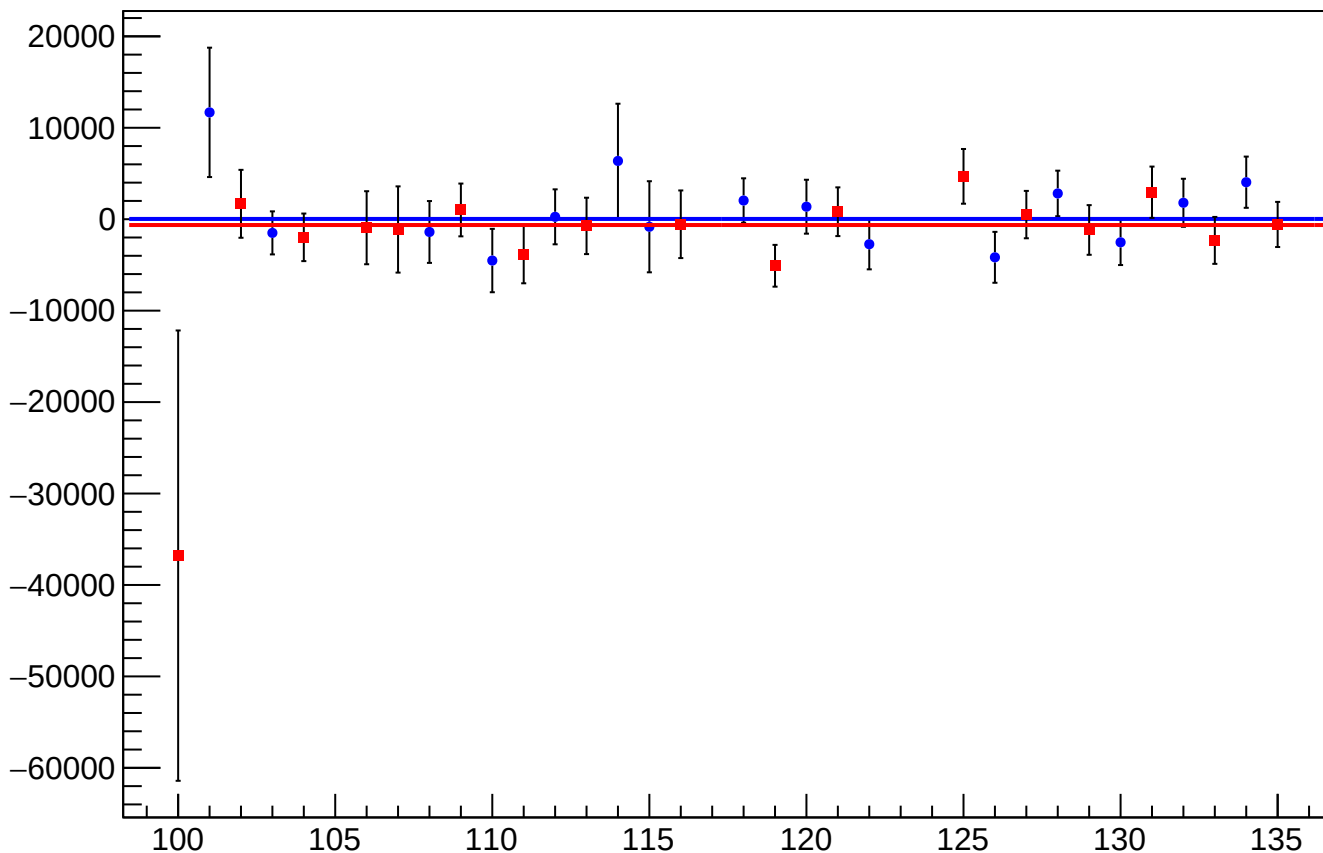
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1539.853 $\pm$ 0.310 χ^2 /NDF: 1749030.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 30.898+/-769.554 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -635.427+/-725.723 χ^2/NDF : 13.7/16

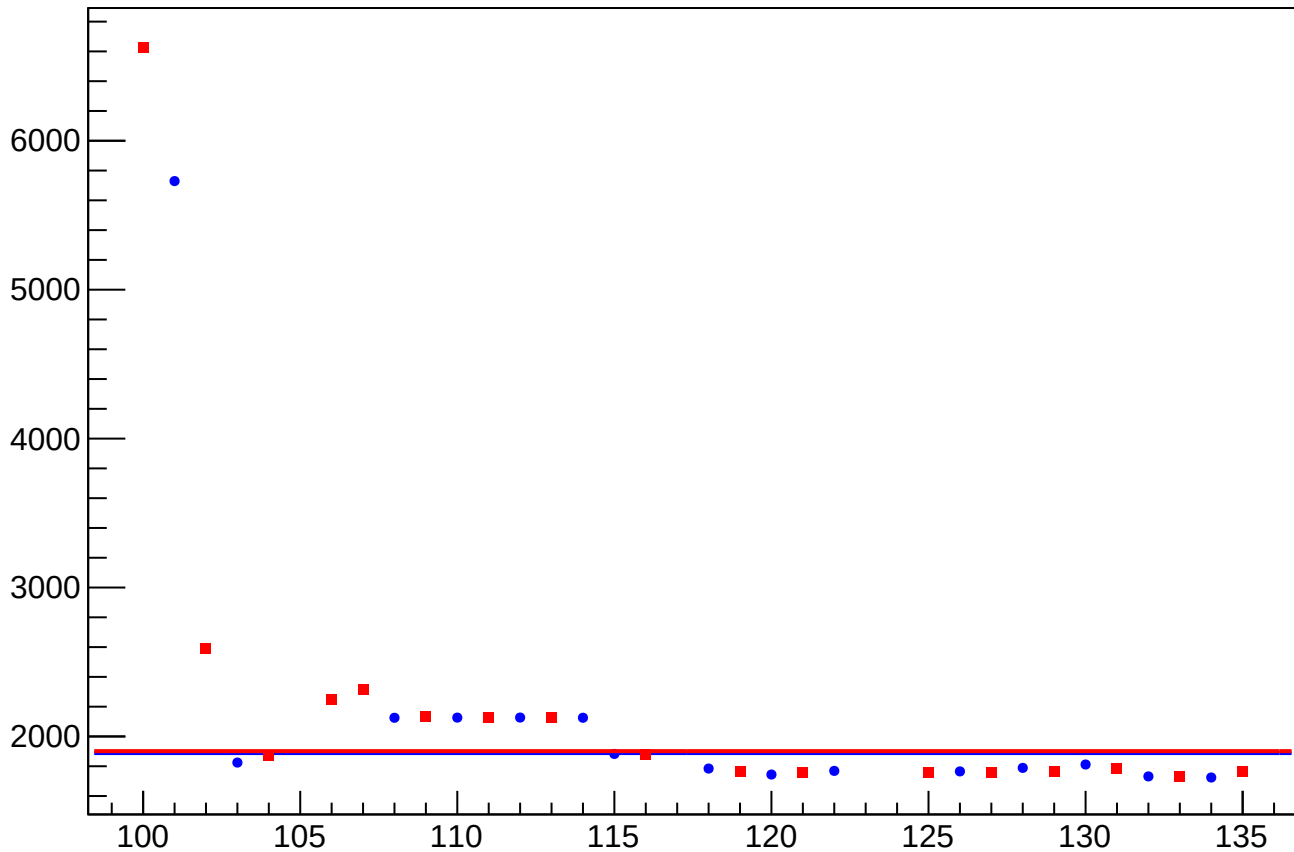
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -321.780+/-527.979 χ^2/NDF : 29.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1901.461+/-0.513 χ^2/NDF : 255247.2/16

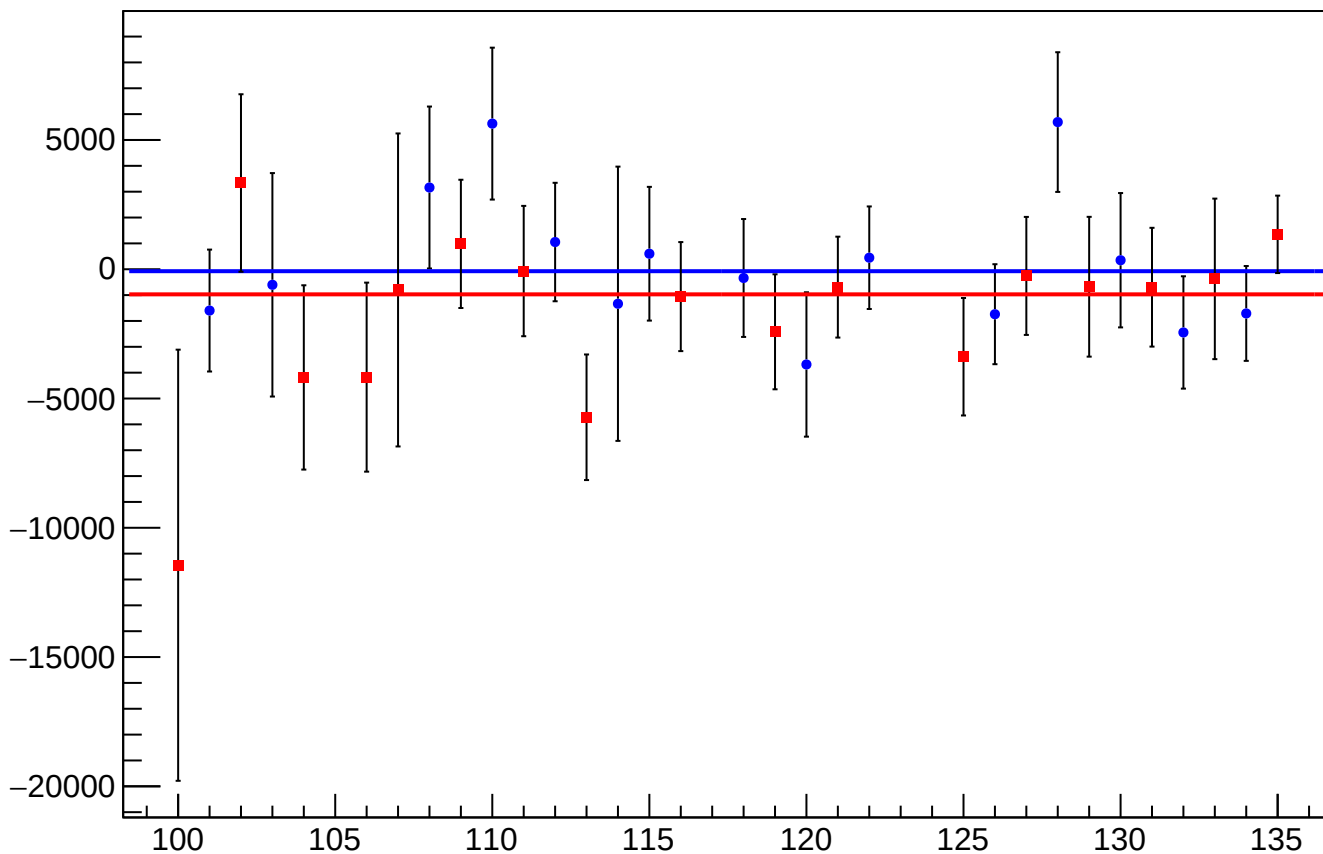
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.333+/-0.373 χ^2/NDF : 916376.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_mean vs Slug



Right In: -75.141 ± 637.154 χ^2/NDF : 14.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -970.913 ± 606.230 χ^2/NDF : 13.5/16

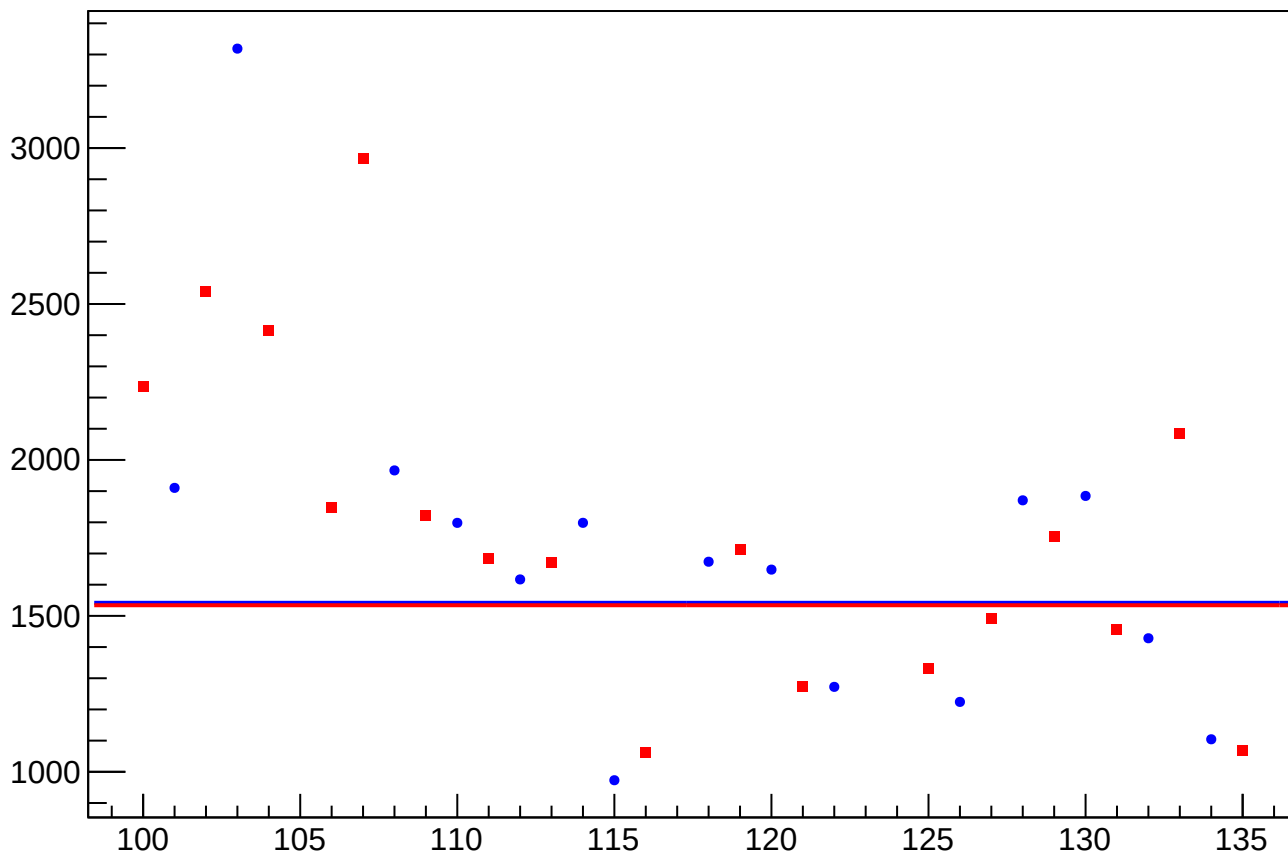
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -545.292 ± 439.195 χ^2/NDF : 29.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_cor_correction_rms vs Slug



Right In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1534.113+/-0.429 χ^2/NDF : 910633.1/16

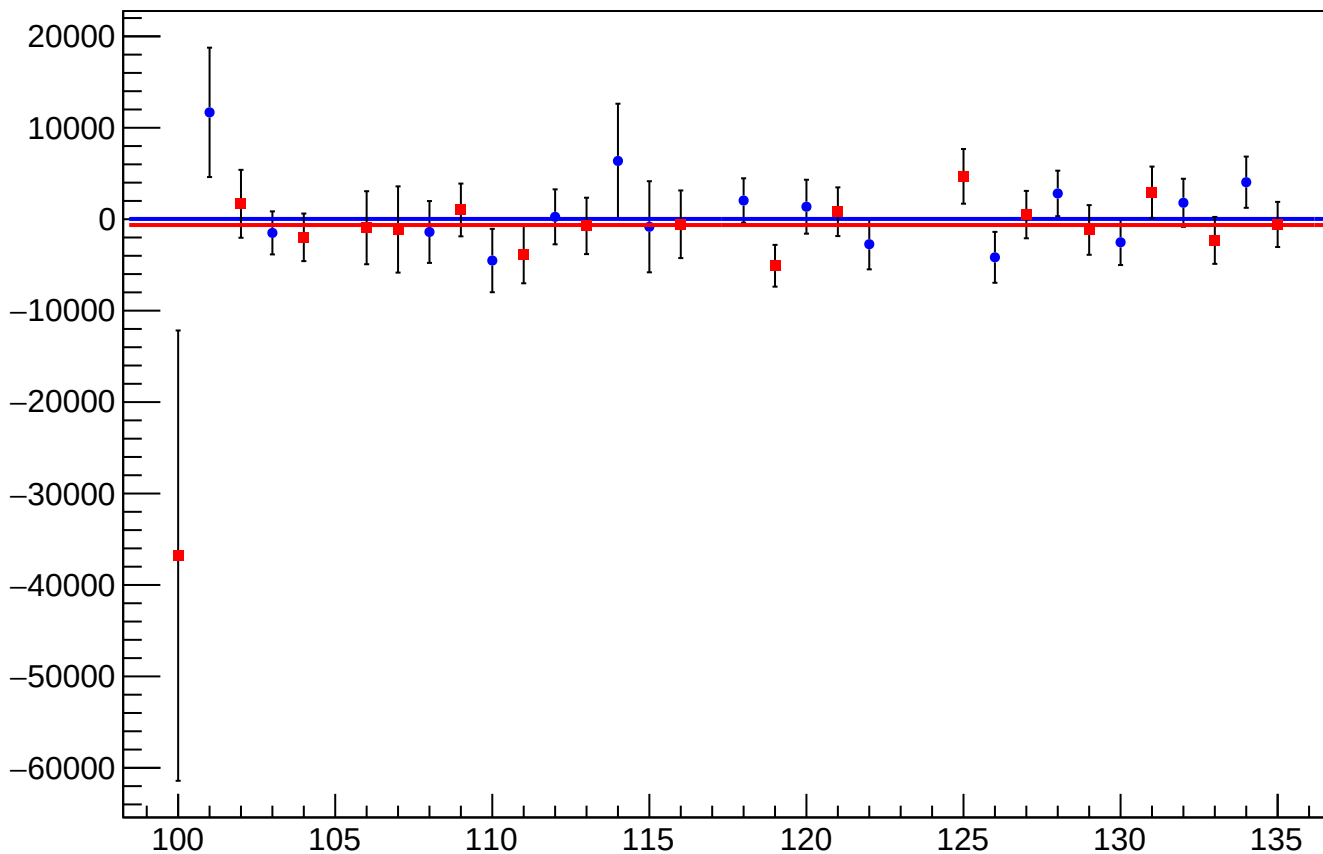
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.802+/-0.311 χ^2/NDF : 1737557.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 30.898+/-769.554 χ^2 /NDF: 15.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -635.427+/-725.723 χ^2 /NDF: 13.7/16

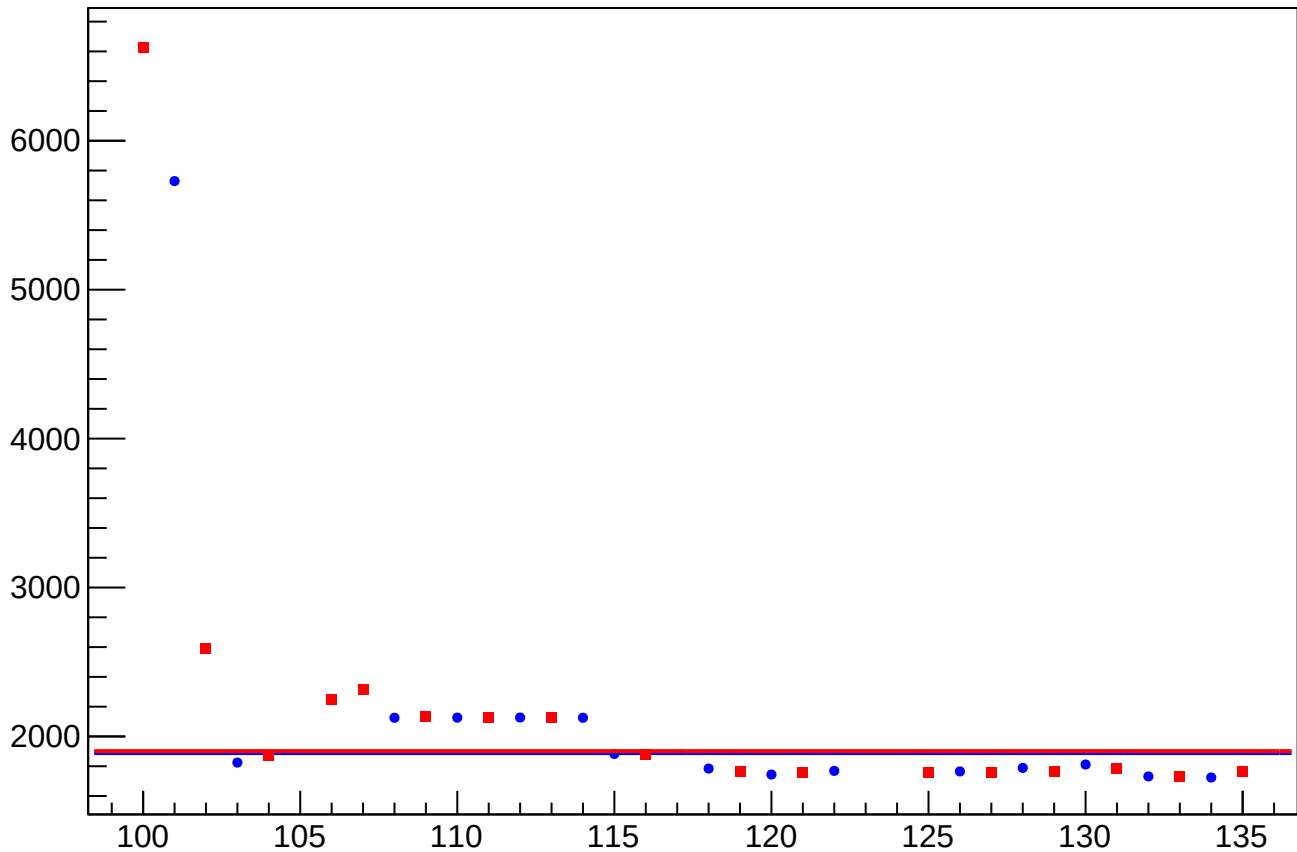
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -321.780+/-527.979 χ^2 /NDF: 29.2/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1888.441+/-0.544 χ^2/NDF : 660826.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1901.461+/-0.513 χ^2/NDF : 255247.2/16

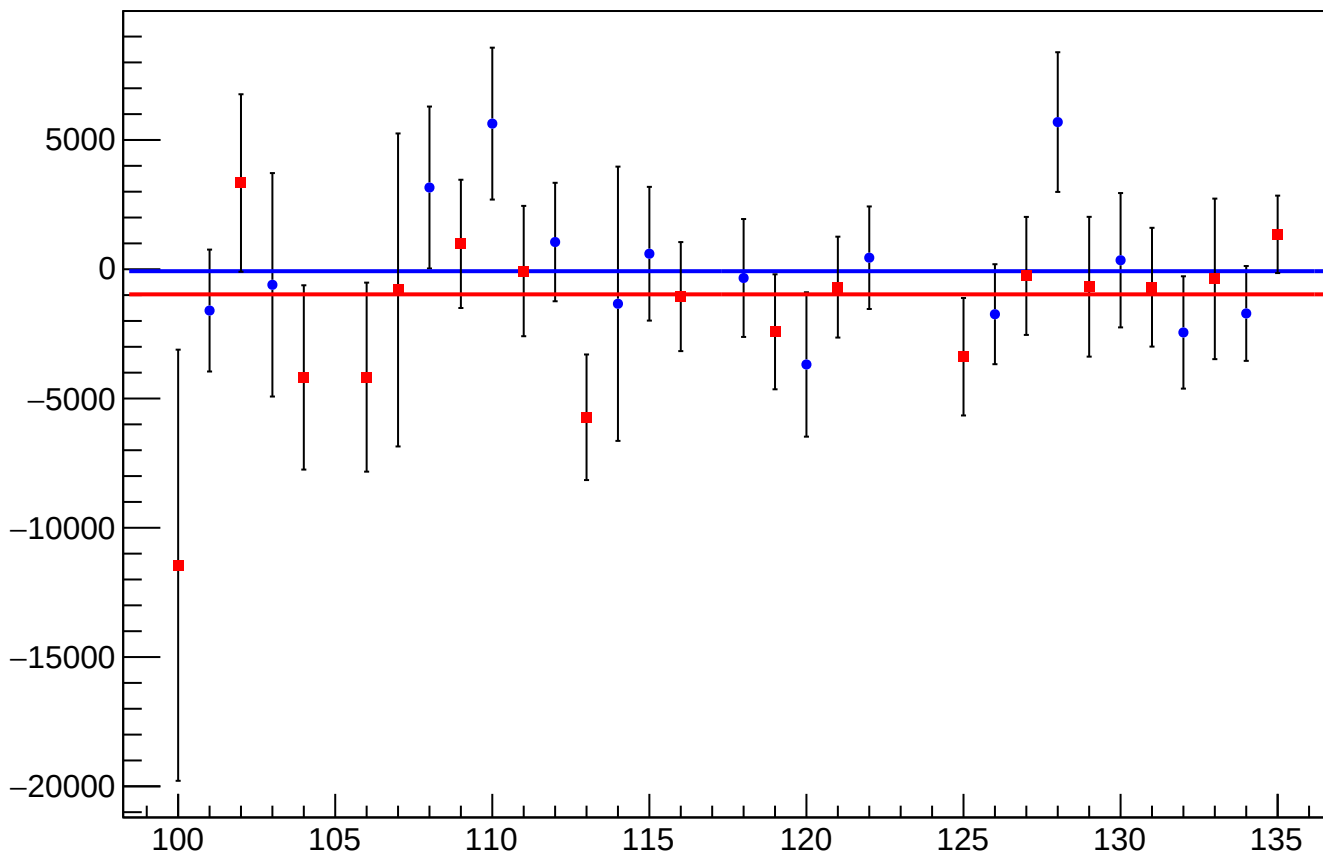
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1895.333+/-0.373 χ^2/NDF : 916376.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: -75.141 ± 637.154 χ^2/NDF : 14.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -970.913 ± 606.230 χ^2/NDF : 13.5/16

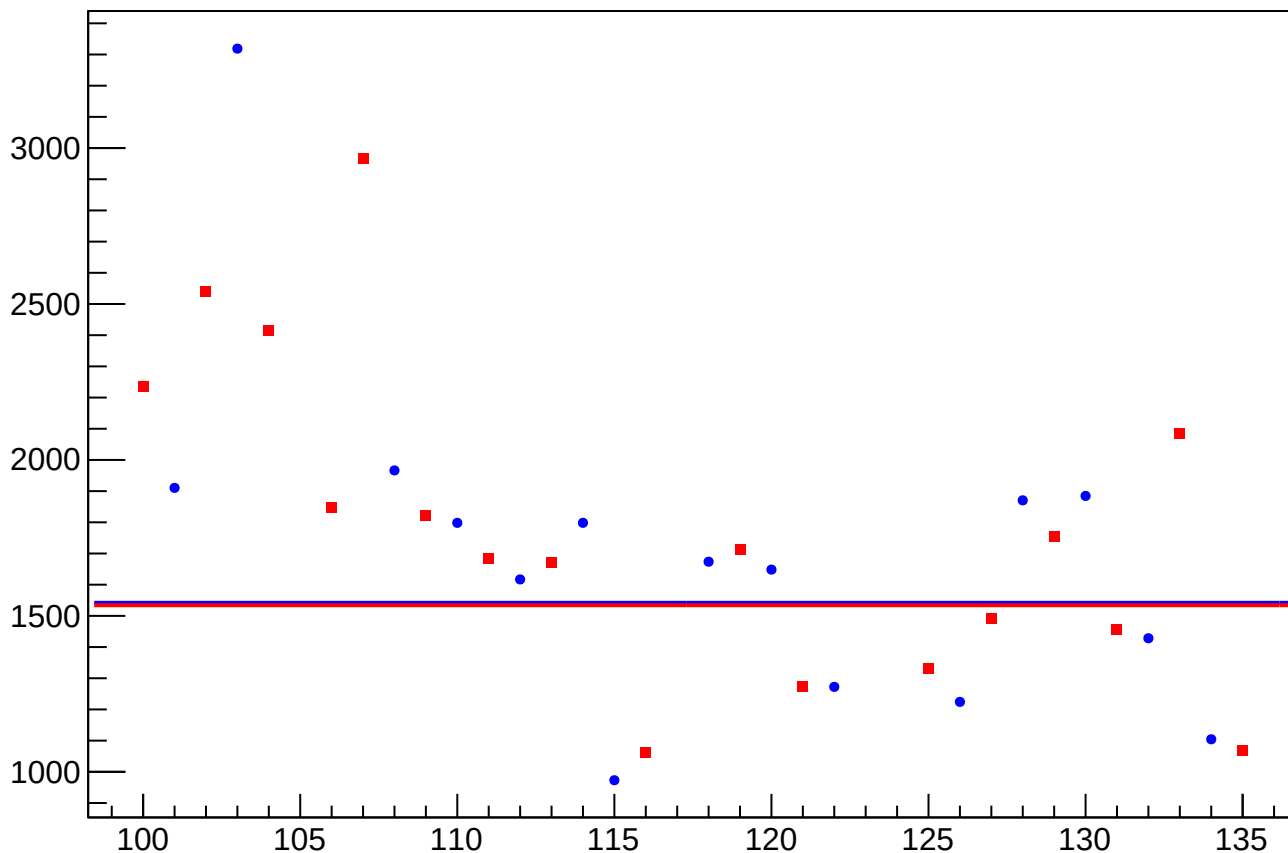
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -545.292 ± 439.195 χ^2/NDF : 29.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 1541.877+/-0.451 χ^2/NDF : 826768.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1534.113+/-0.429 χ^2/NDF : 910633.1/16

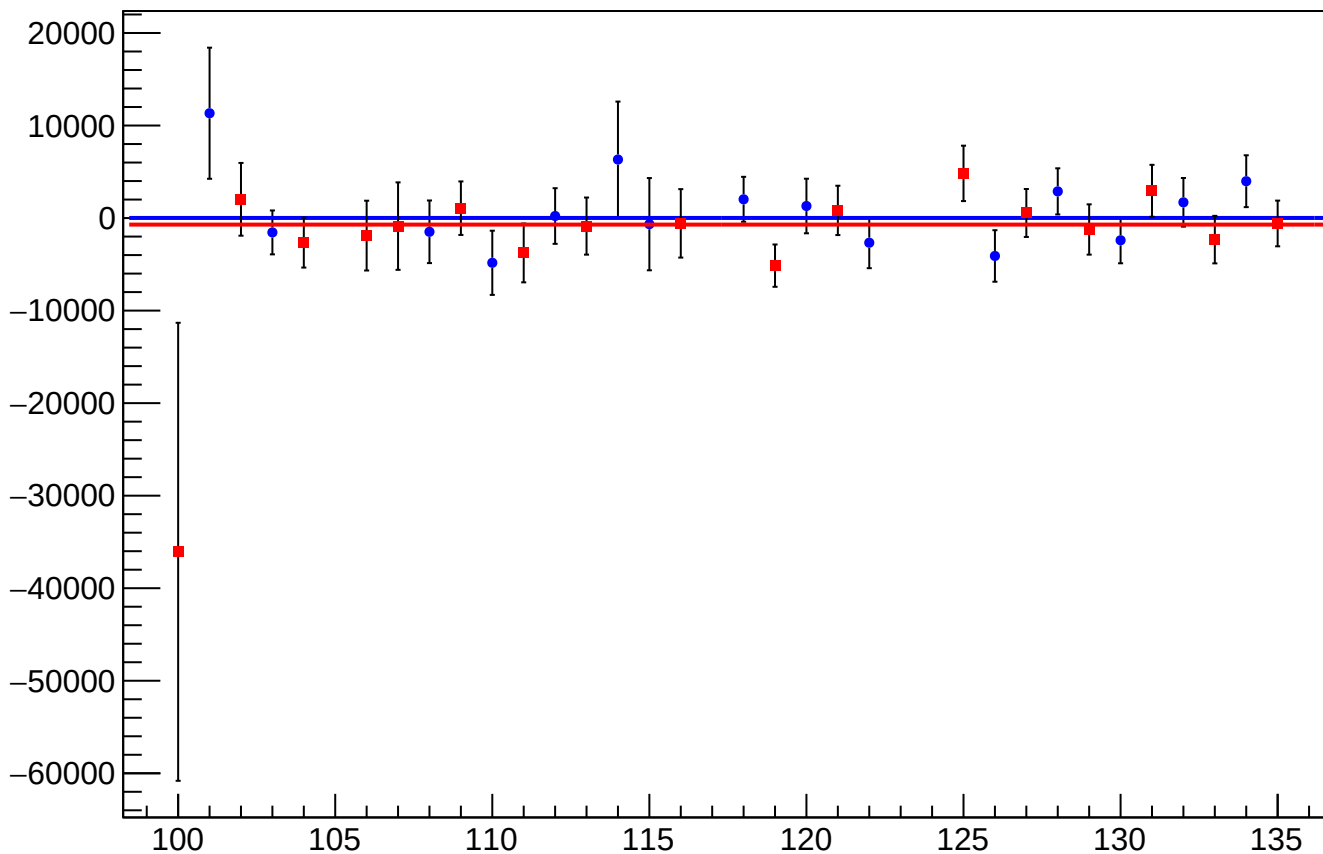
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1537.802+/-0.311 χ^2/NDF : 1737557.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -705.510+/-728.185 χ^2/NDF : 14.3/16

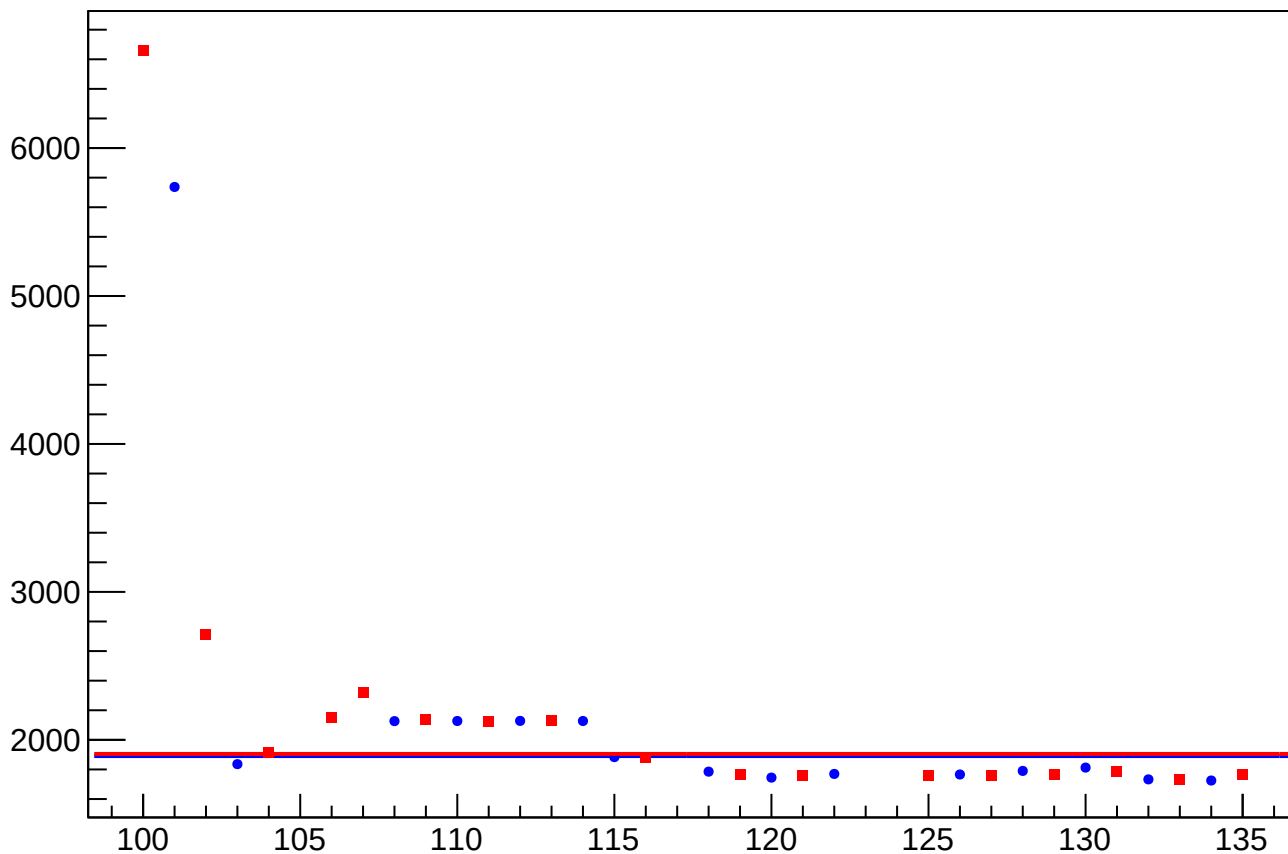
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.315+/-529.248 χ^2/NDF : 29.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1890.554 $\pm$ 0.545 χ^2 /NDF: 660924.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

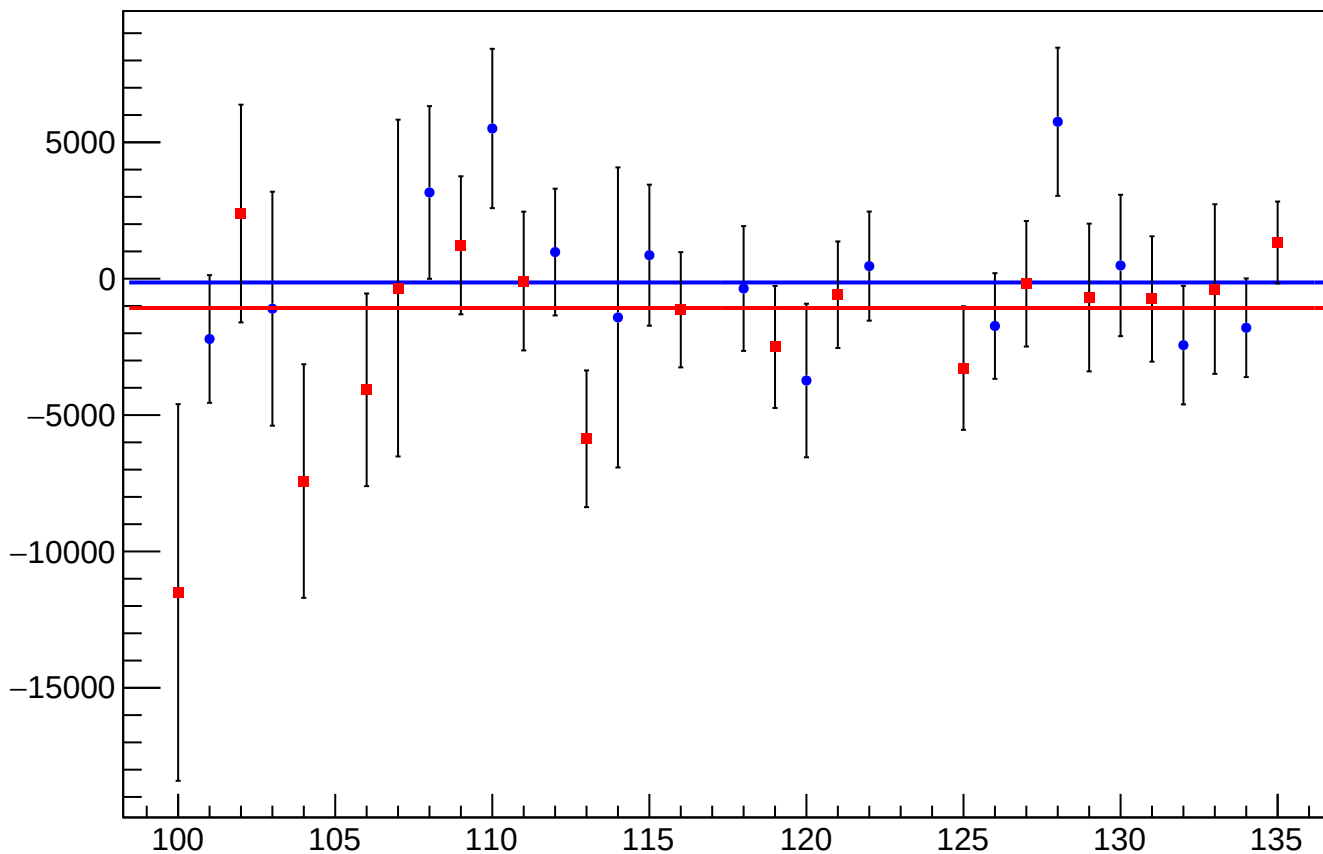
Right Out: 1904.701 $\pm$ 0.515 χ^2 /NDF: 265067.2/16

All: 1898.027 $\pm$ 0.374 χ^2 /NDF: 926348.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_mean vs Slug



Right In: -138.645 ± 637.845 χ^2/NDF : 15.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1075.024 ± 613.443 χ^2/NDF : 14.8/16

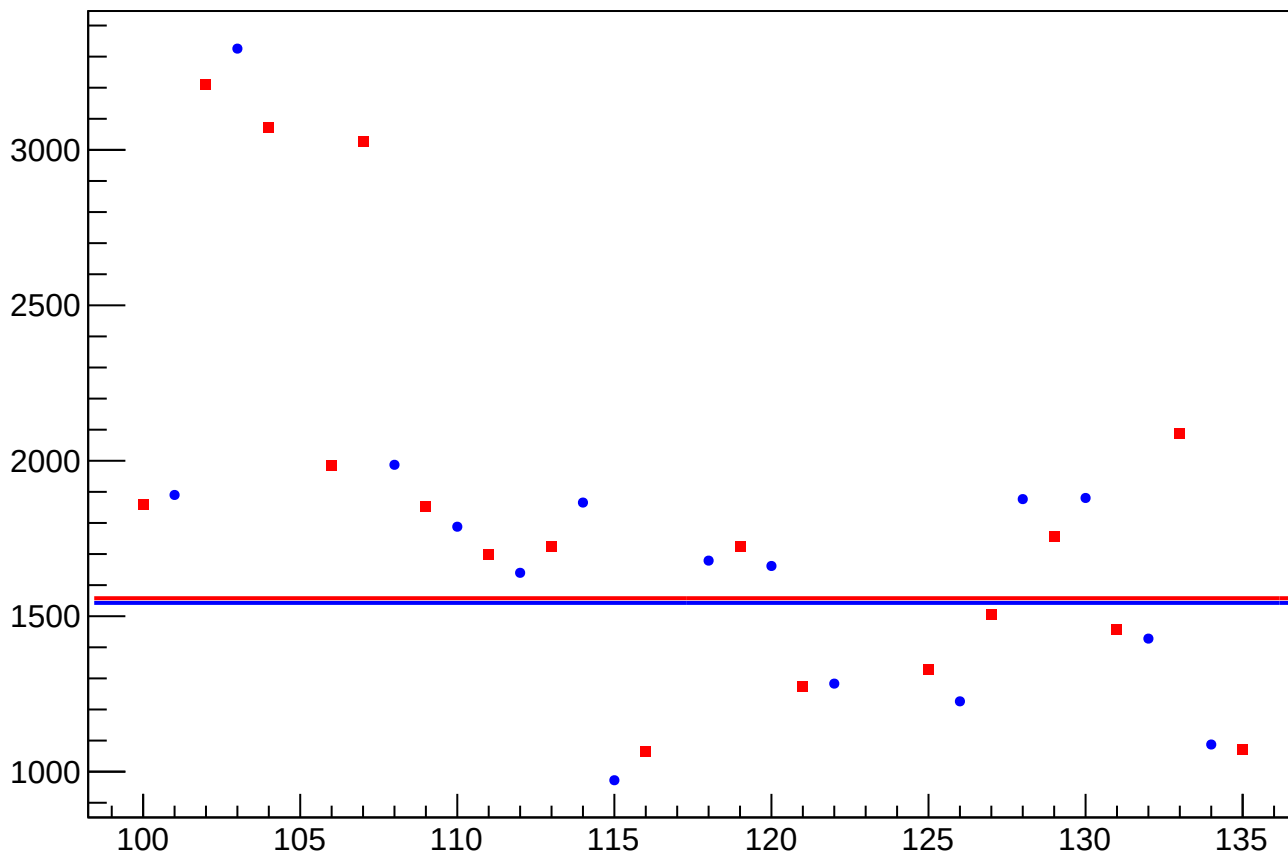
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -625.088 ± 442.145 χ^2/NDF : 31.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_correction_rms vs Slug



Right In: 1542.883+/-0.451 χ^2/NDF : 845213.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.929+/-0.434 χ^2/NDF : 1246796.4/16

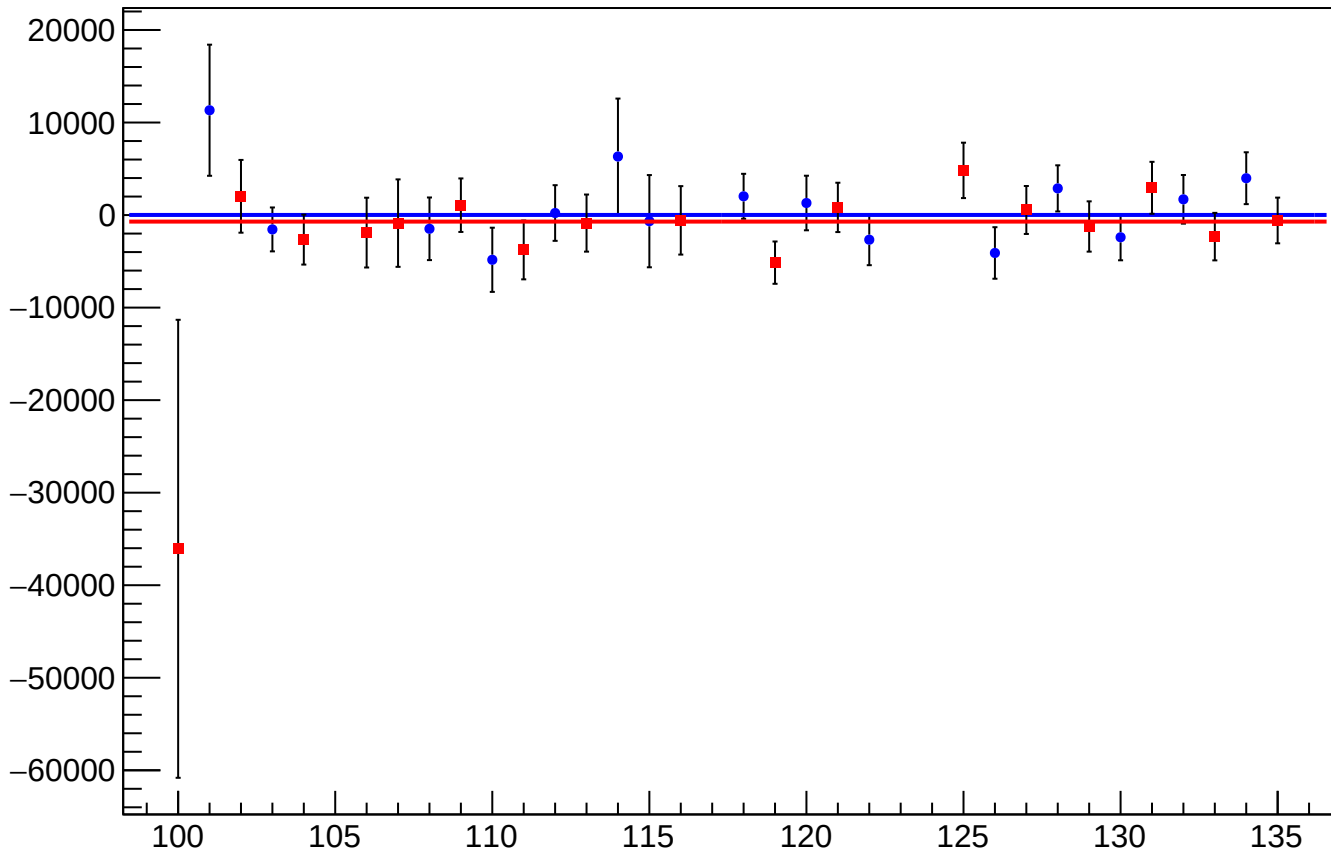
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.699+/-0.313 χ^2/NDF : 2092587.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: 13.496+/-770.550 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -705.510+/-728.185 χ^2/NDF : 14.3/16

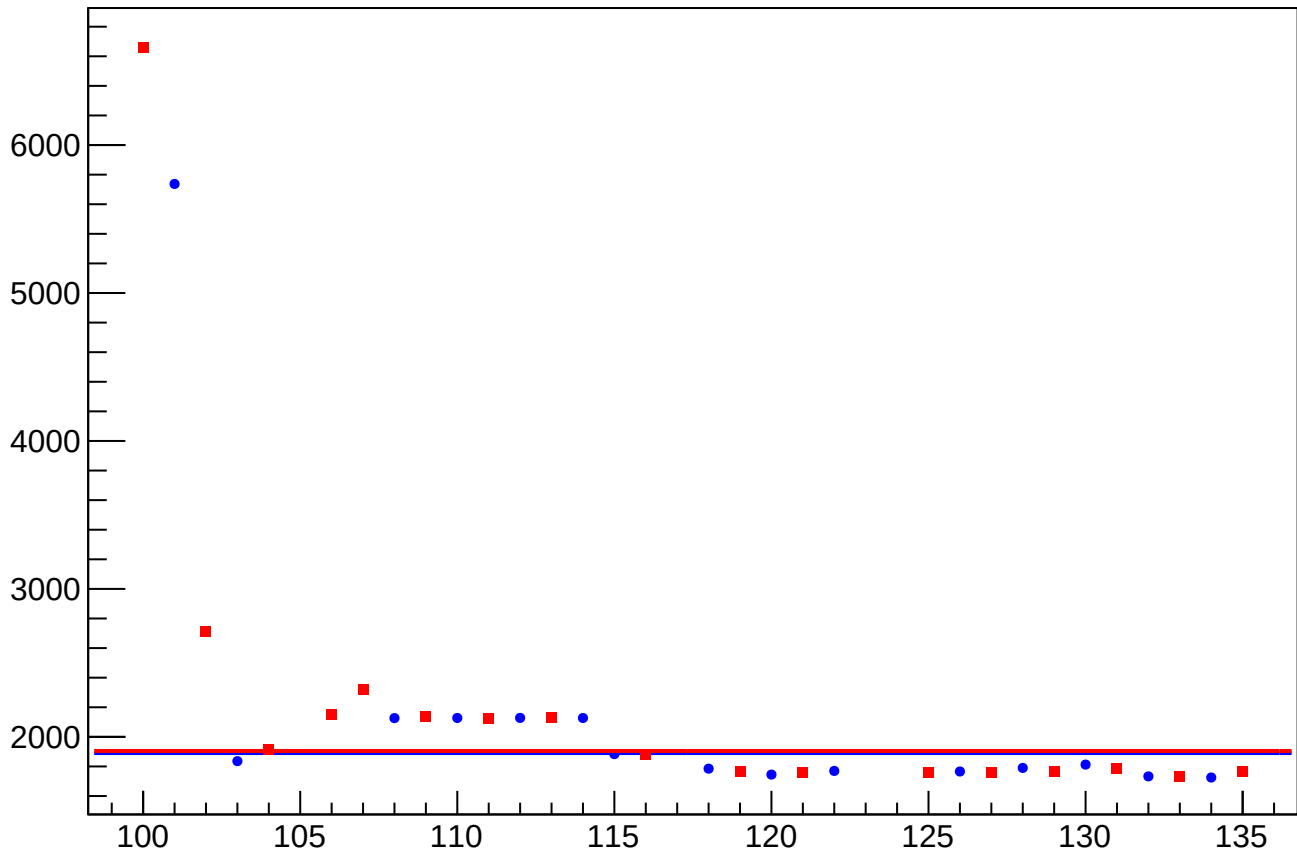
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -366.315+/-529.248 χ^2/NDF : 29.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 1890.554+/-0.545 χ^2/NDF : 660924.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

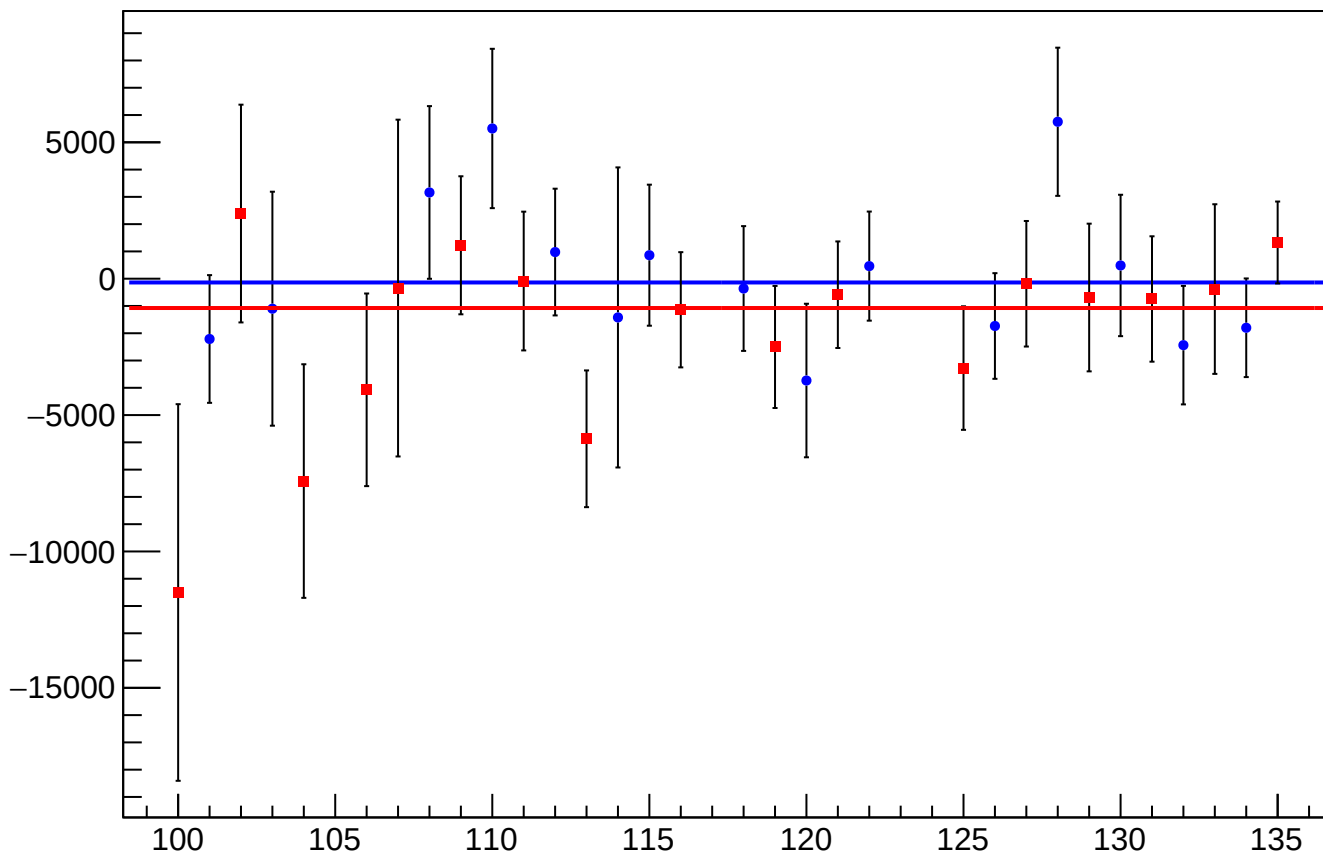
Right Out: 1904.701+/-0.515 χ^2/NDF : 265066.9/16

All: 1898.027+/-0.374 χ^2/NDF : 926348.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -138.642 ± 637.844 χ^2/NDF : 15.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1075.022 ± 613.442 χ^2/NDF : 14.8/16

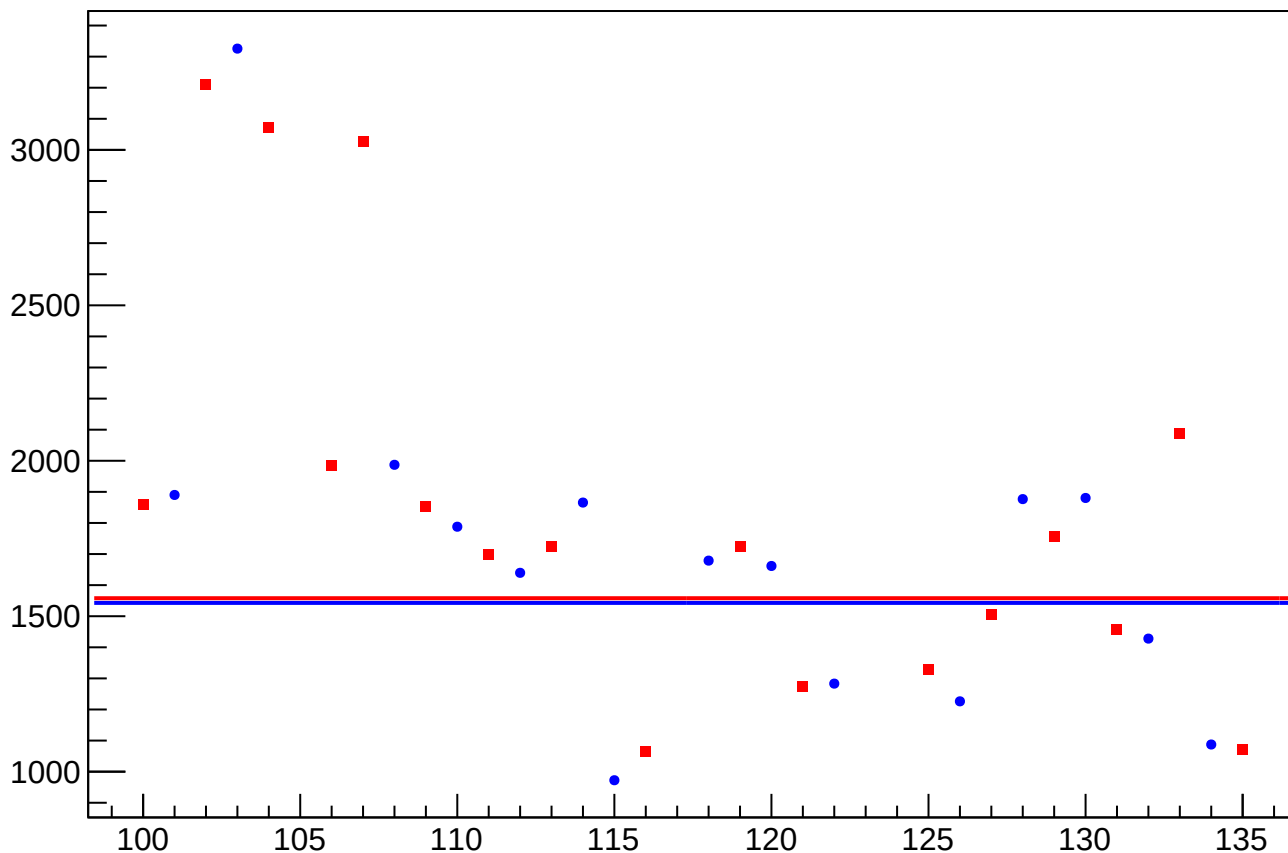
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -625.085 ± 442.144 χ^2/NDF : 31.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 1542.878+/-0.451 χ^2/NDF : 845216.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1557.926+/-0.434 χ^2/NDF : 1246801.1/16

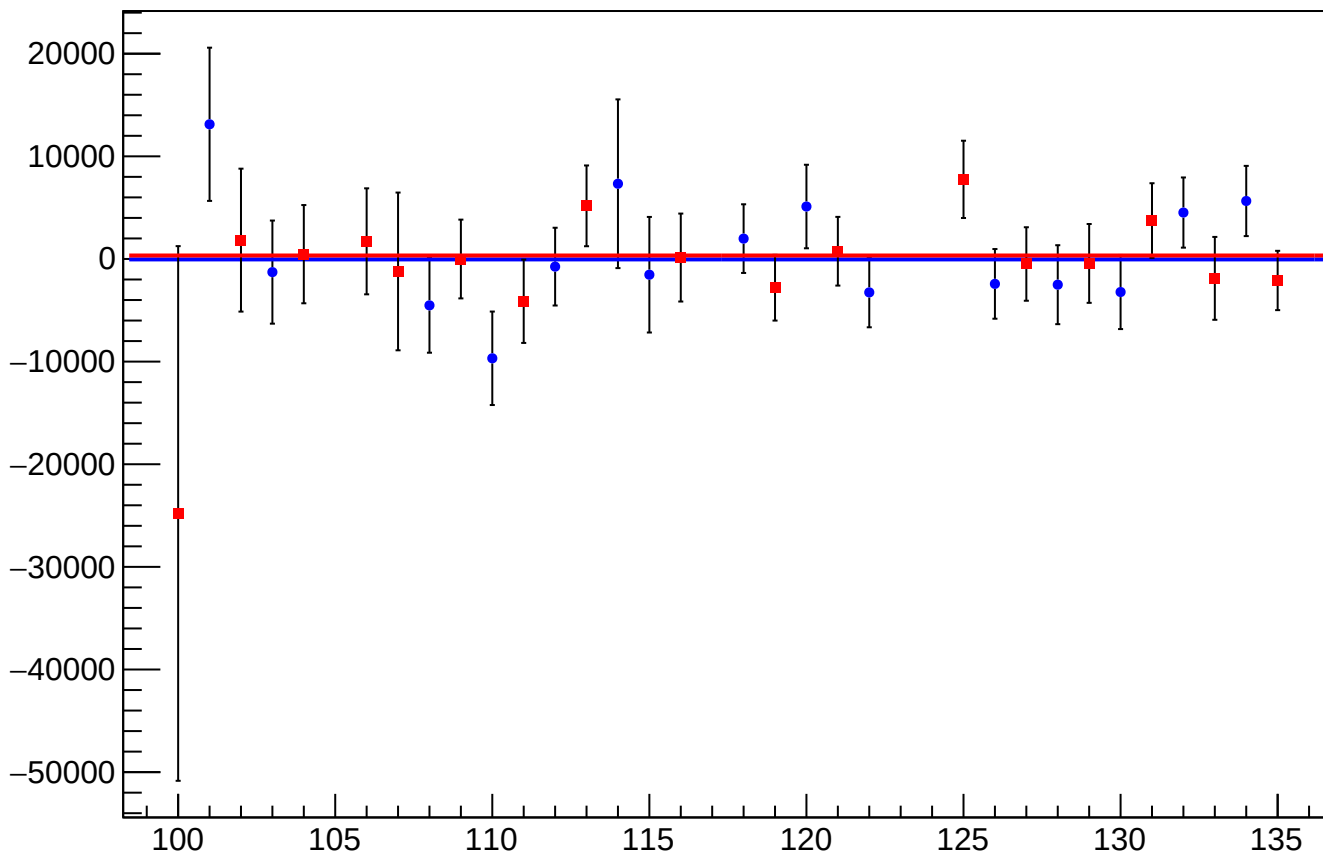
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1550.696+/-0.313 χ^2/NDF : 2092595.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_mean vs Slug



Right In: -43.444 ± 1049.969 χ^2/NDF : 18.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 338.451 ± 986.407 χ^2/NDF : 10.7/16

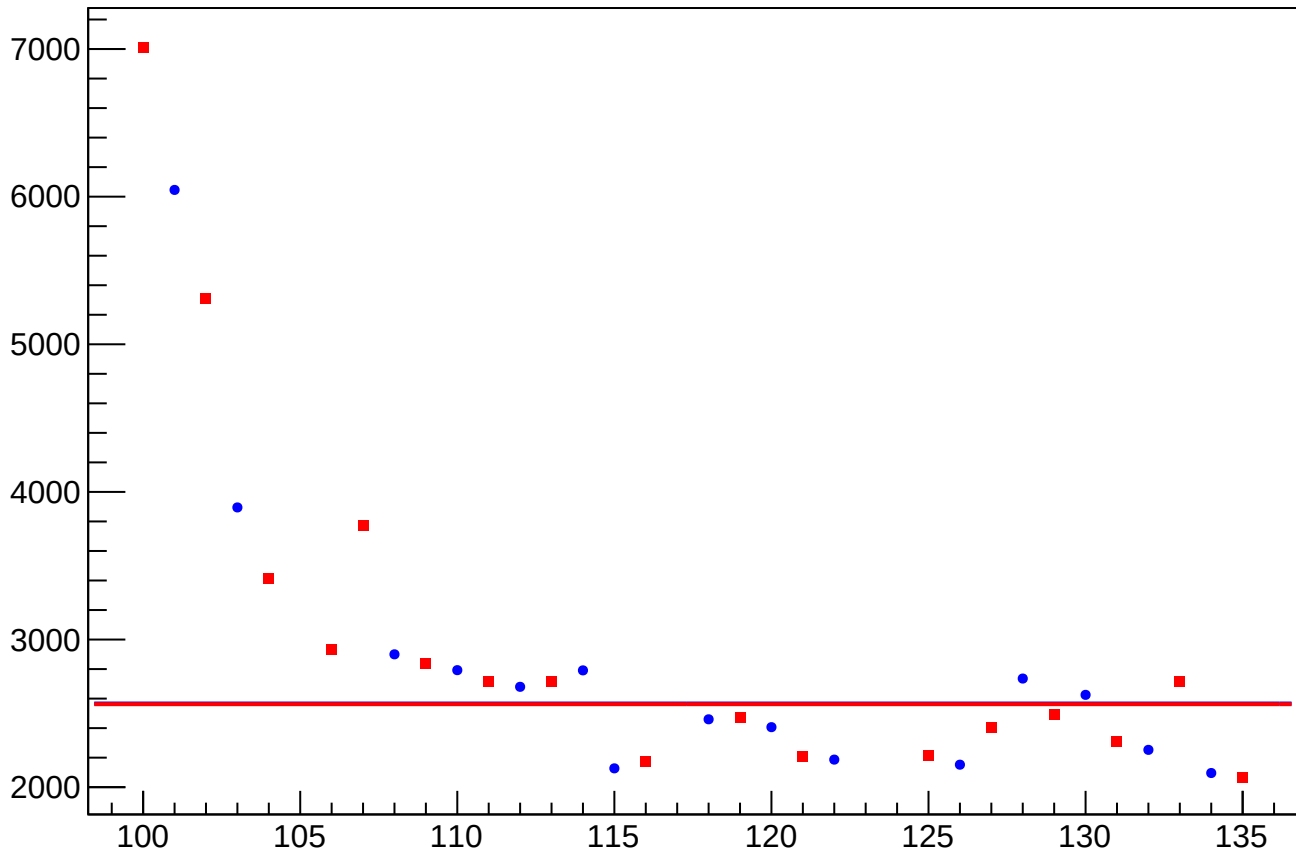
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 159.412 ± 718.916 χ^2/NDF : 29.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_rms vs Slug



Right In: 2566.497 $\pm$ 0.742 χ^2 /NDF: 724108.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

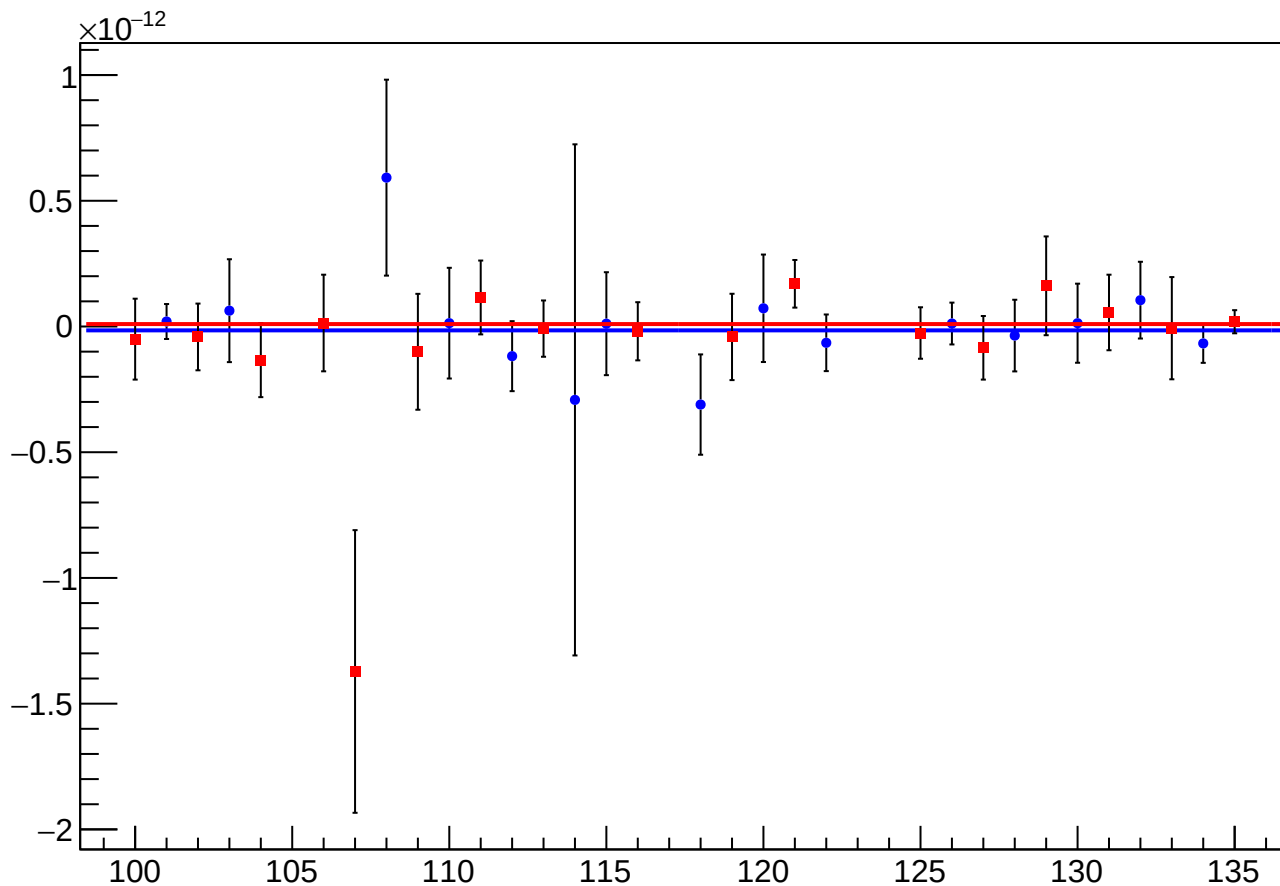
Right Out: 2562.264 $\pm$ 0.697 χ^2 /NDF: 642671.3/16

All: 2564.249 $\pm$ 0.508 χ^2 /NDF: 1366797.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 7.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 12.5/16

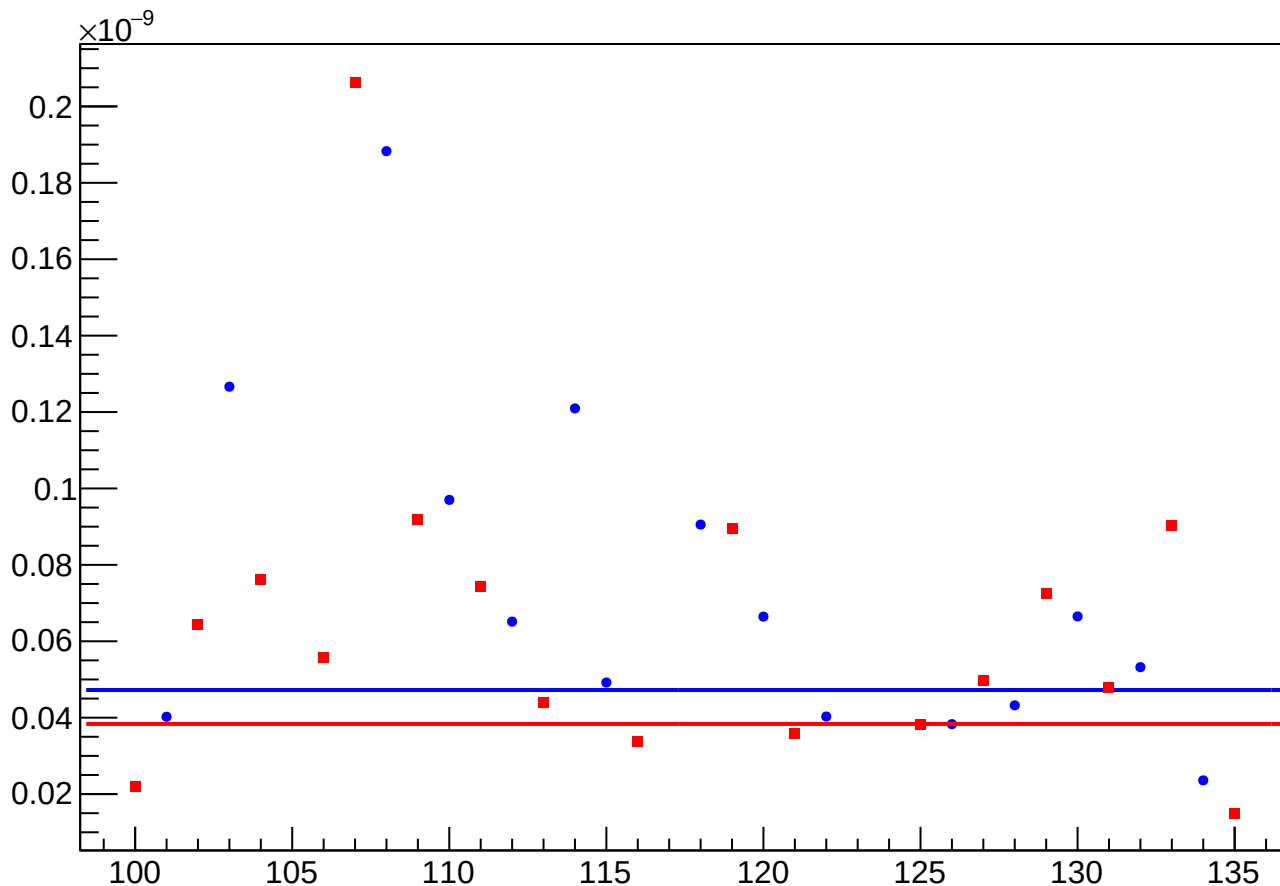
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 20.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1092252.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1577756.4/16

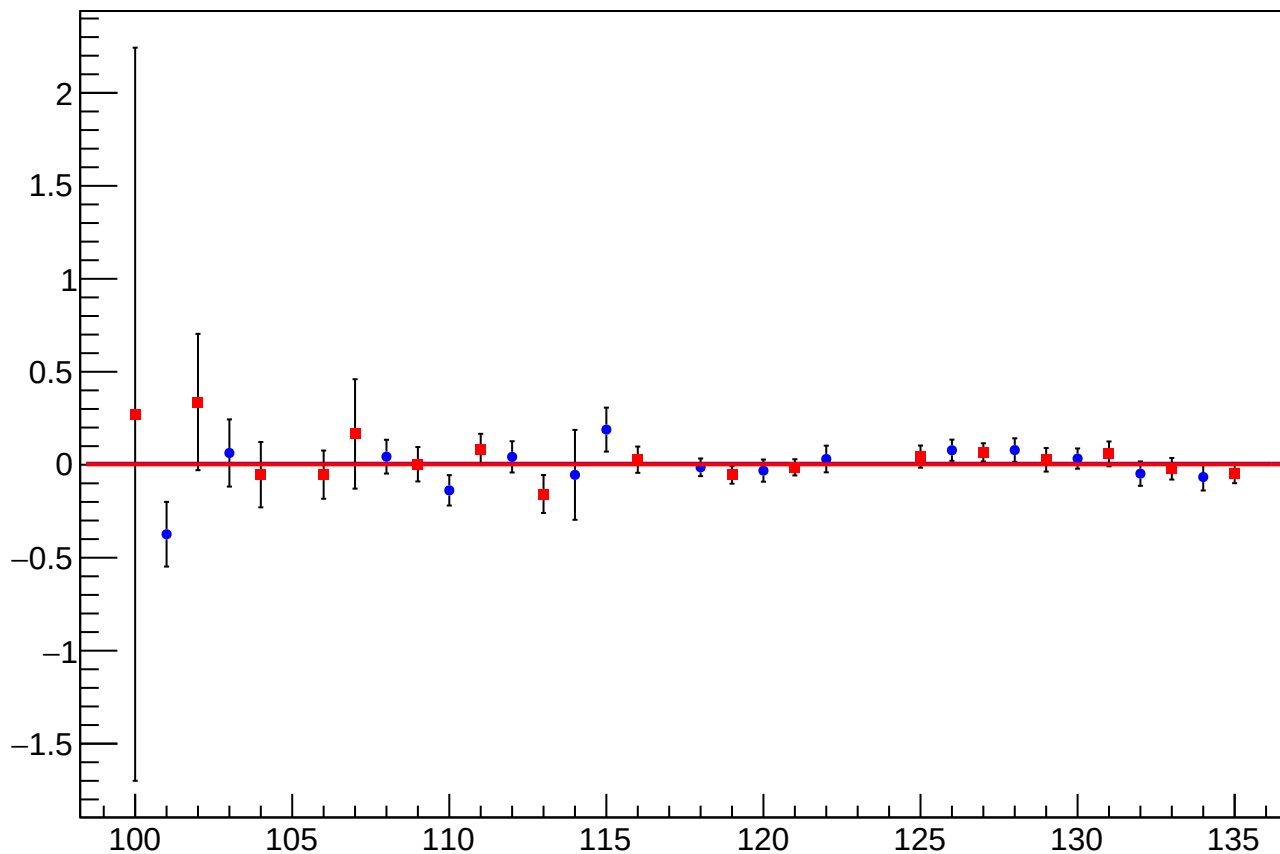
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2753018.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

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

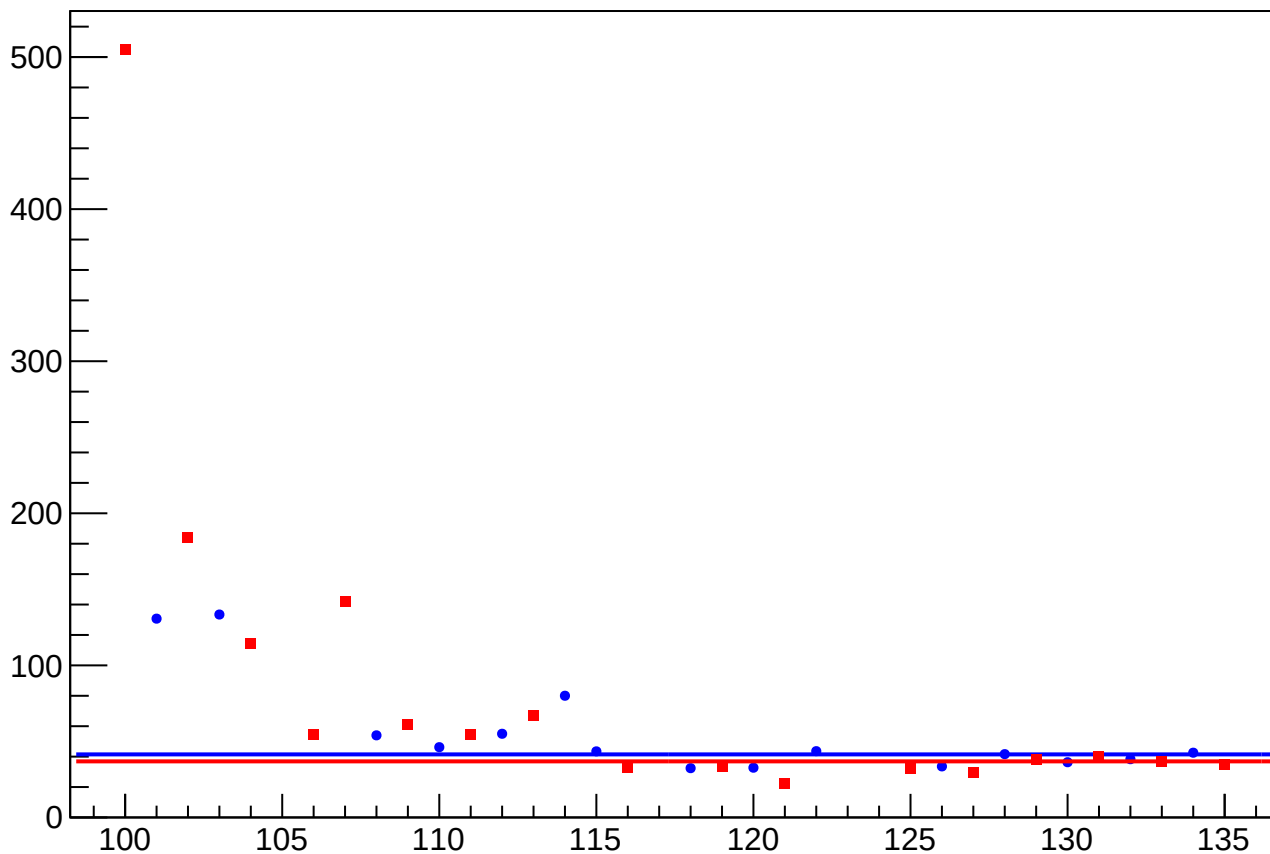
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.876+/-0.012 χ^2/NDF : 1836663.3/16

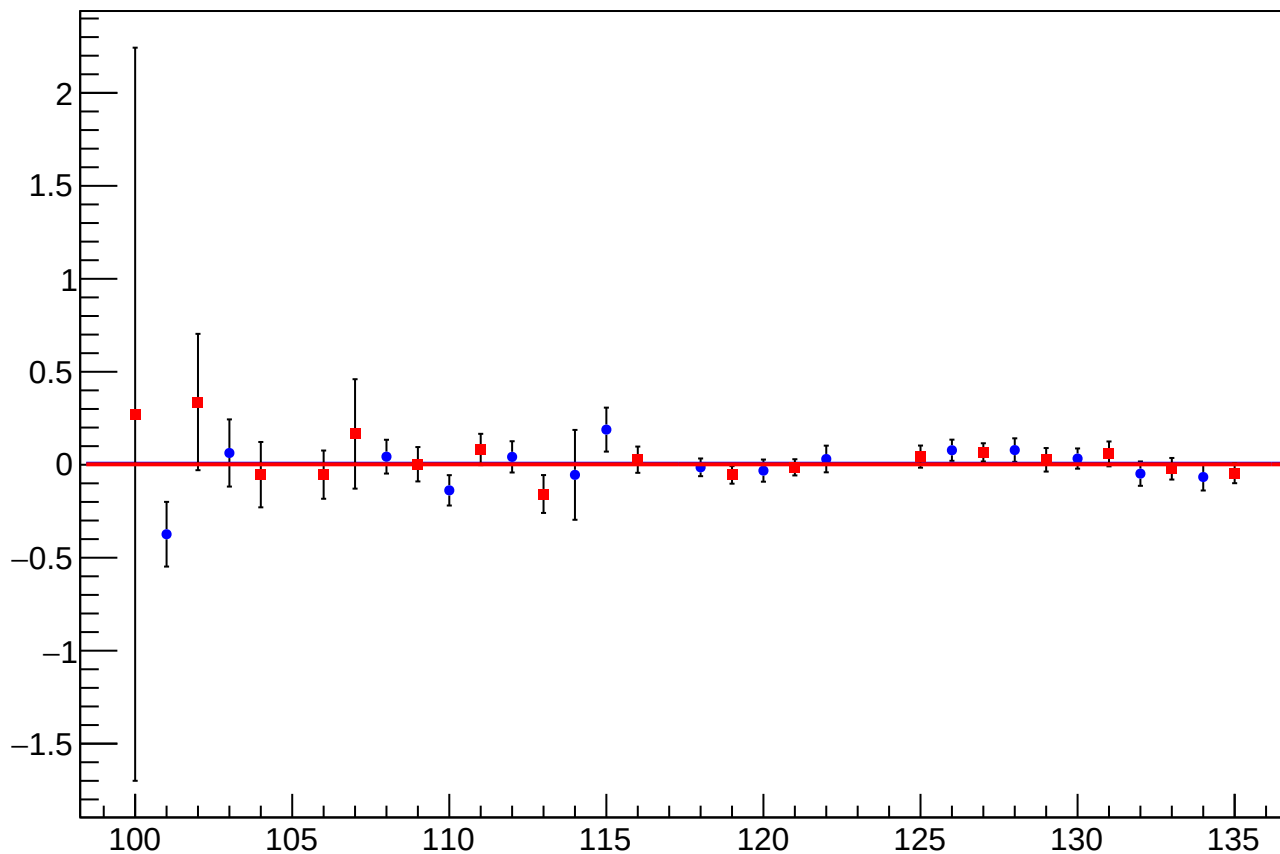
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.933+/-0.009 χ^2/NDF : 3273645.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

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

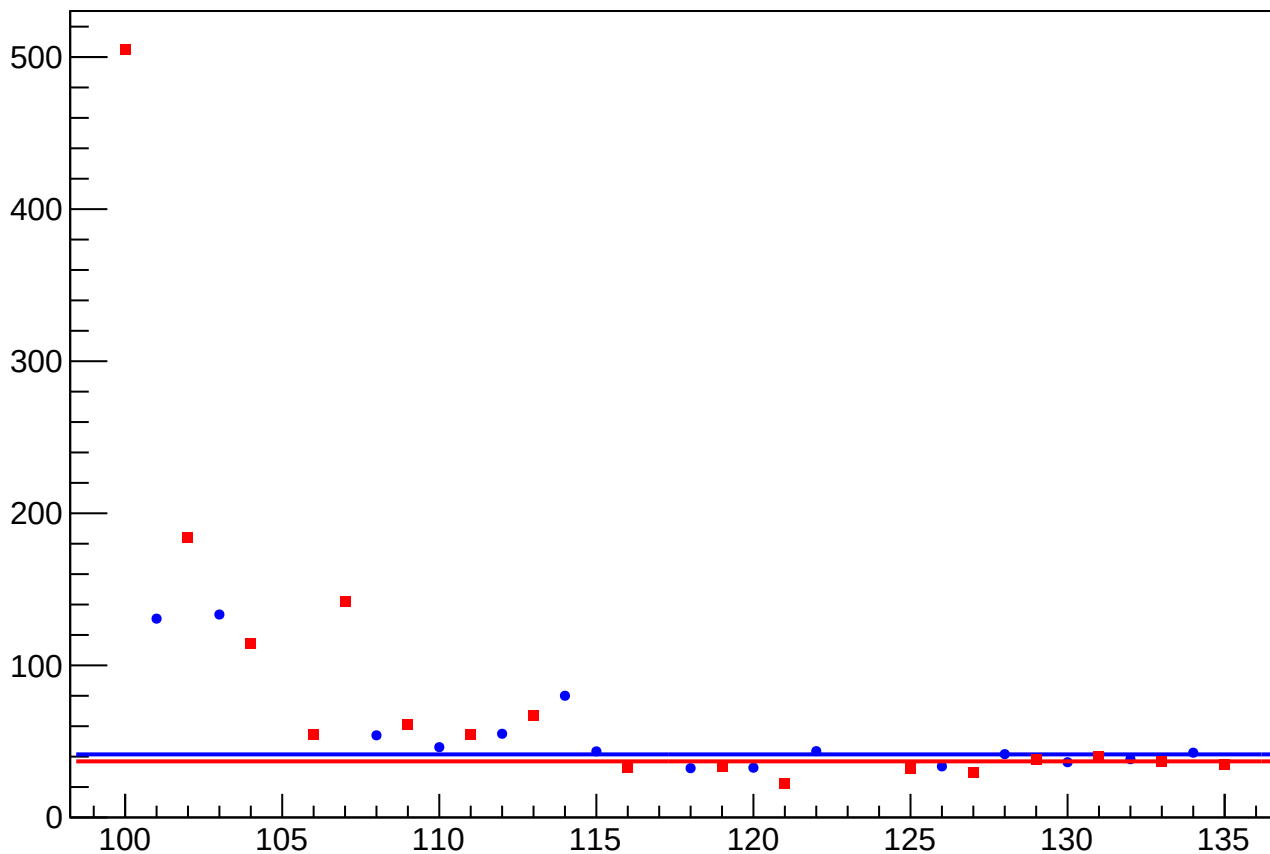
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.470+/-0.013 χ^2/NDF : 1371673.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.876+/-0.012 χ^2/NDF : 1836663.3/16

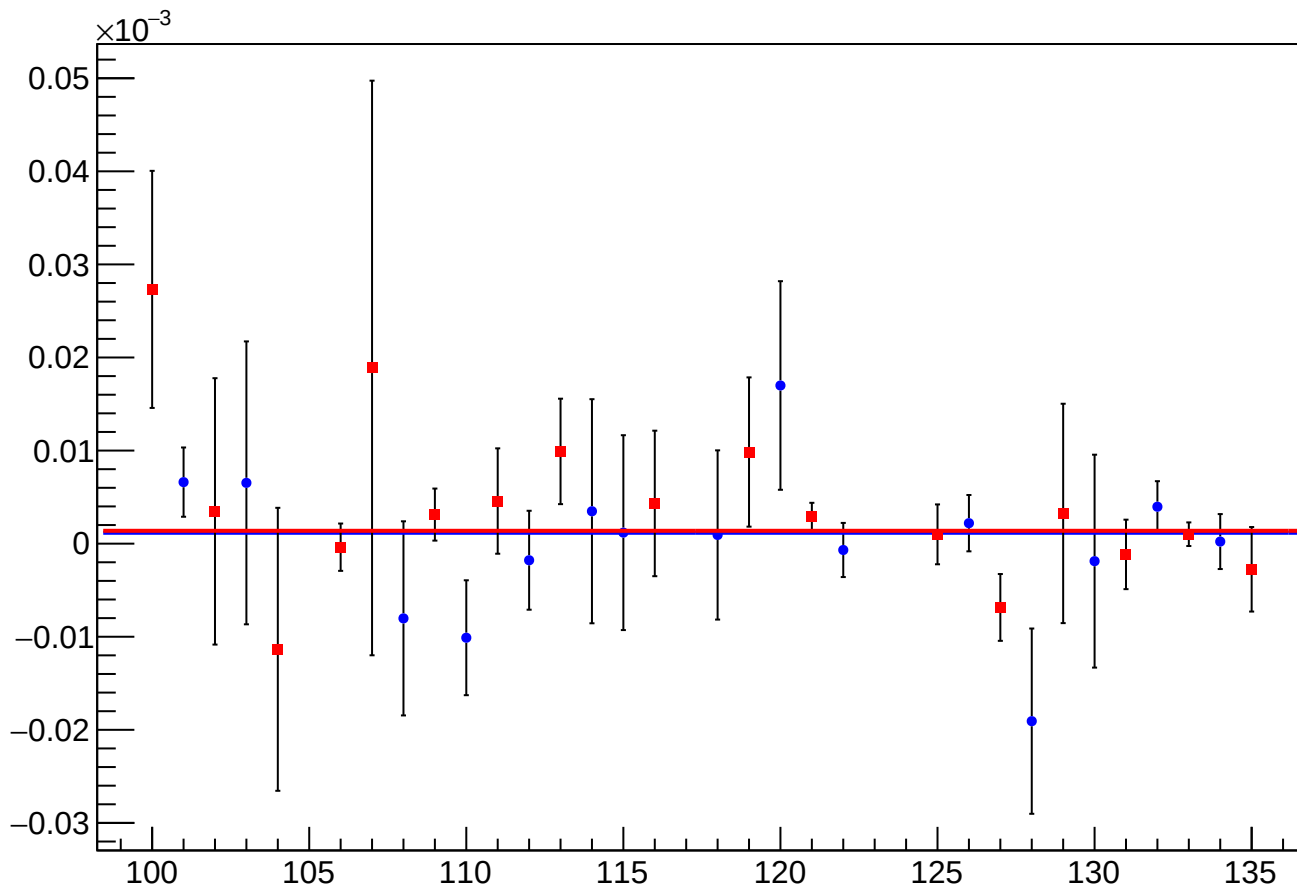
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.933+/-0.009 χ^2/NDF : 3273645.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.6/14

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

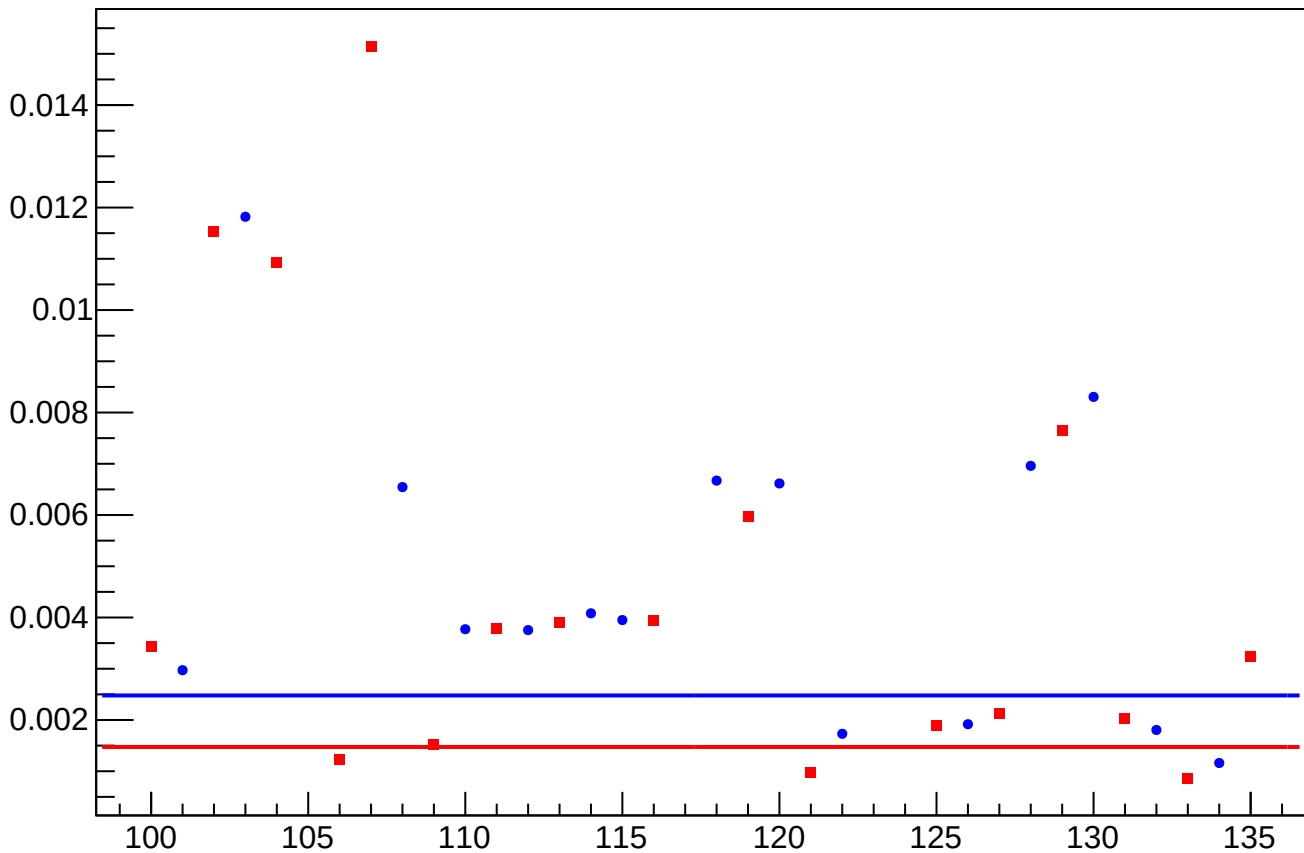
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 3715877.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.000 χ^2 /NDF: 5441248.0/16

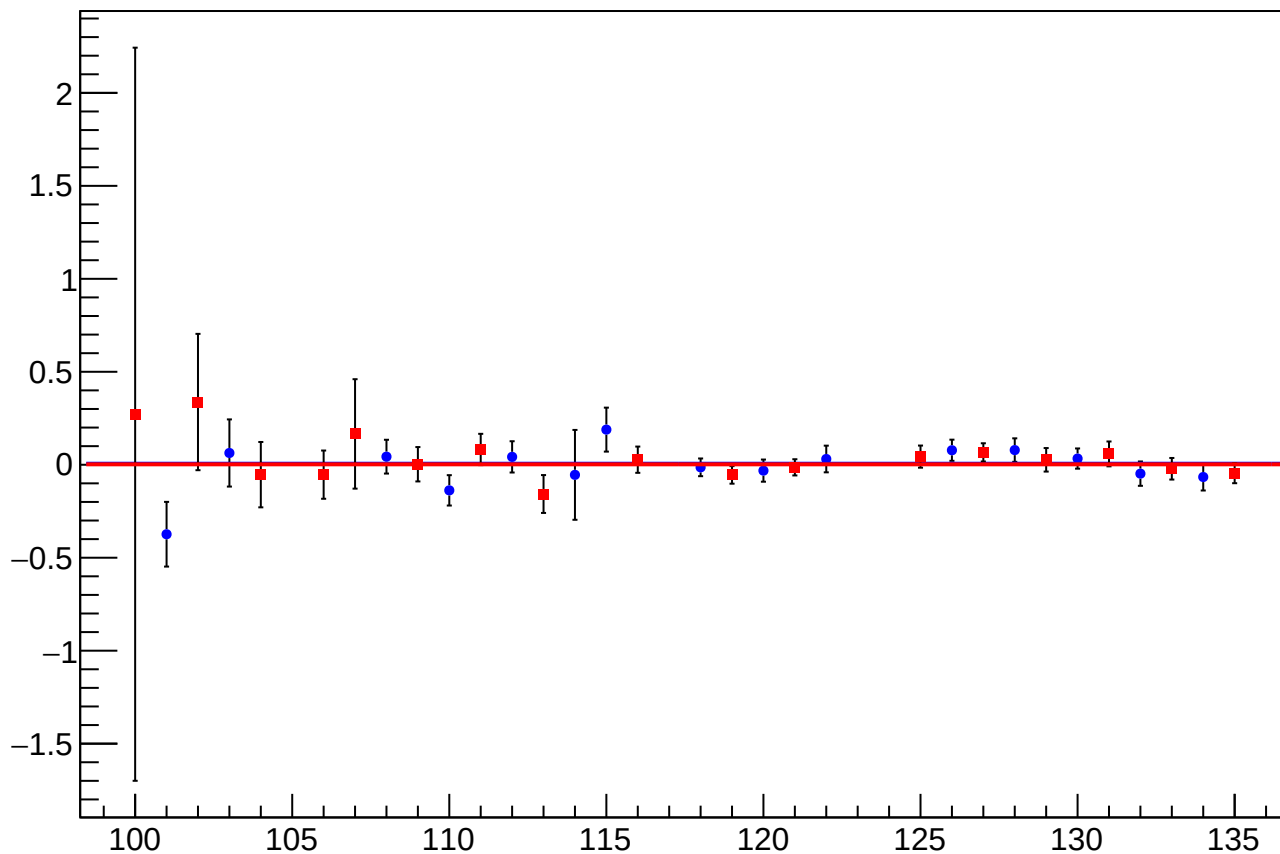
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 10143678.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

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

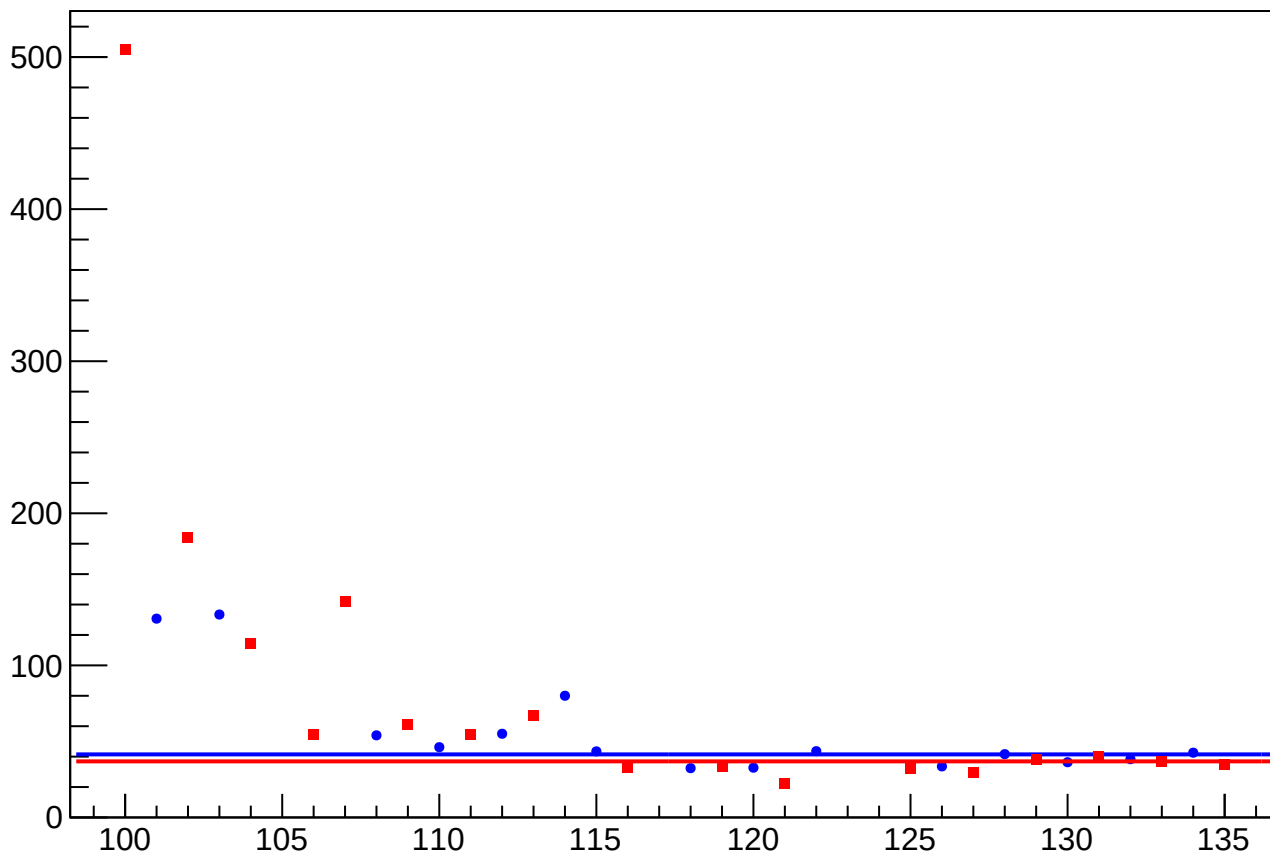
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 41.470+/-0.013 χ^2/NDF : 1371575.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.875+/-0.012 χ^2/NDF : 1836658.6/16

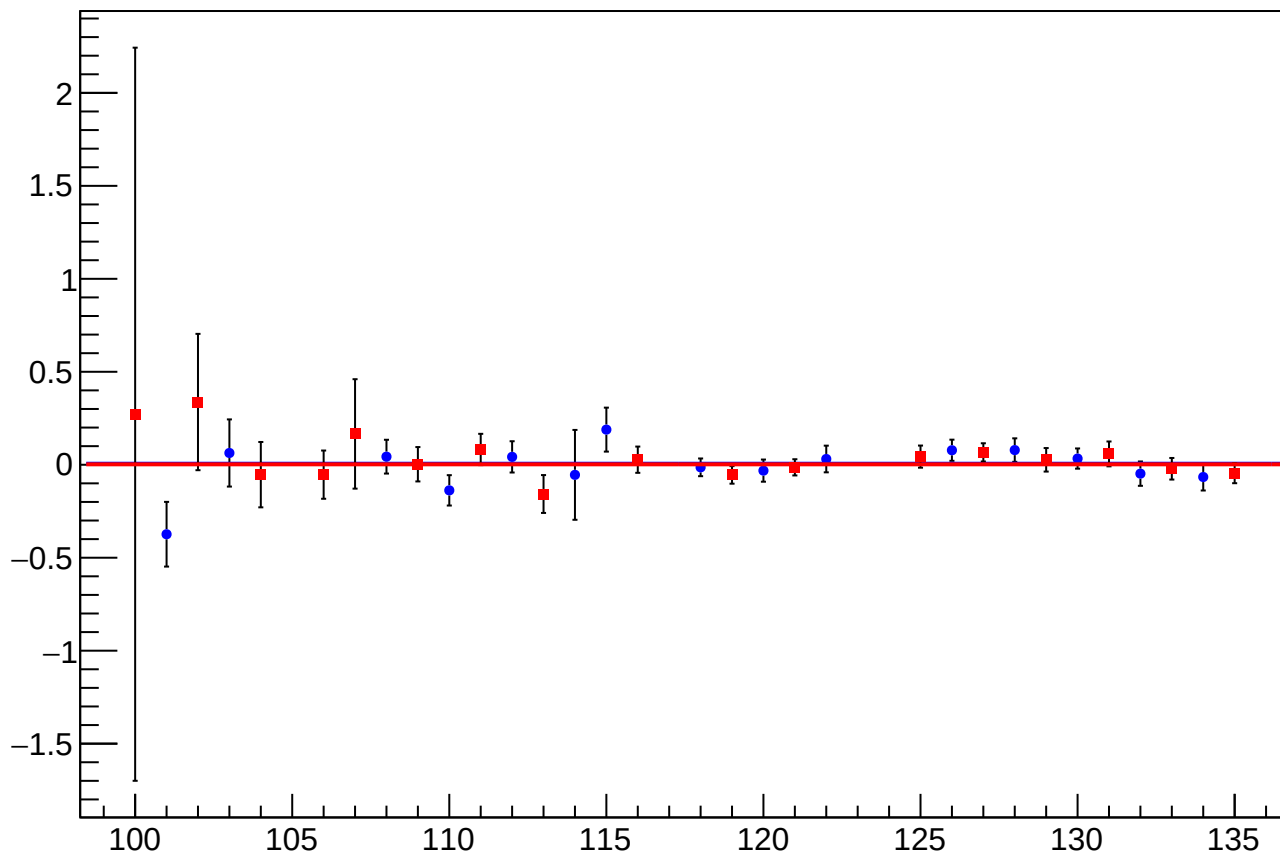
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.933+/-0.009 χ^2/NDF : 3273584.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.019 χ^2 /NDF: 16.3/14

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

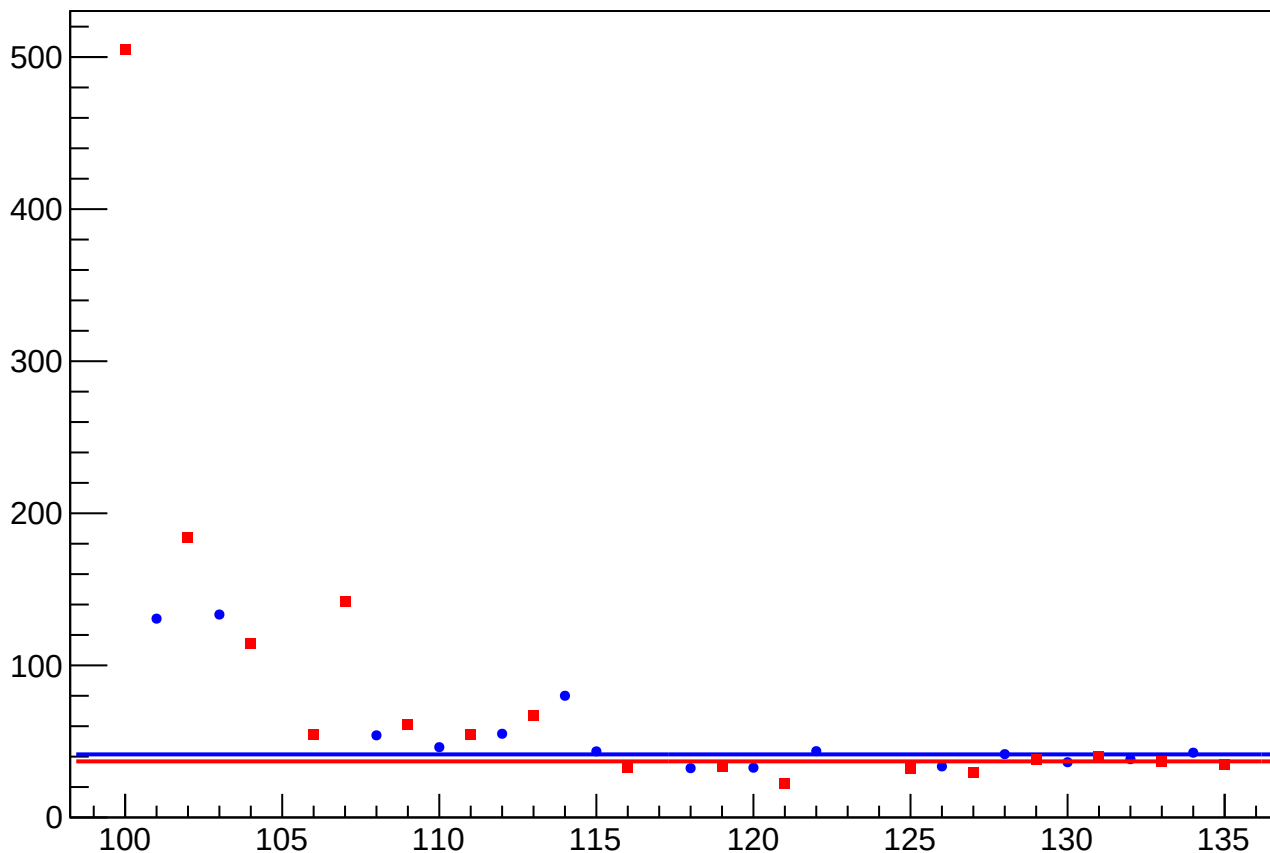
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.013 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 41.470+/-0.013 χ^2/NDF : 1371575.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.875+/-0.012 χ^2/NDF : 1836658.6/16

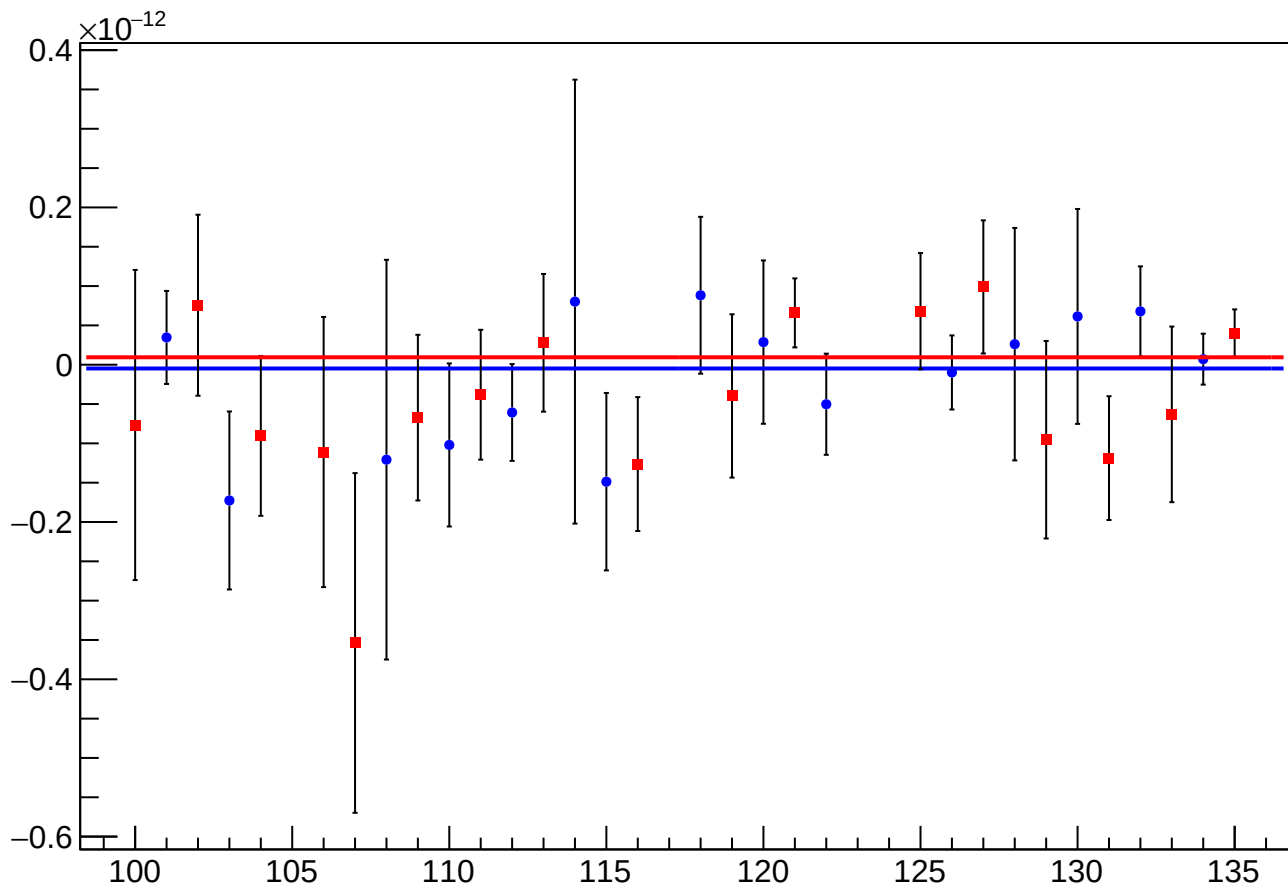
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 38.933+/-0.009 χ^2/NDF : 3273584.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 9.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 16.7/16

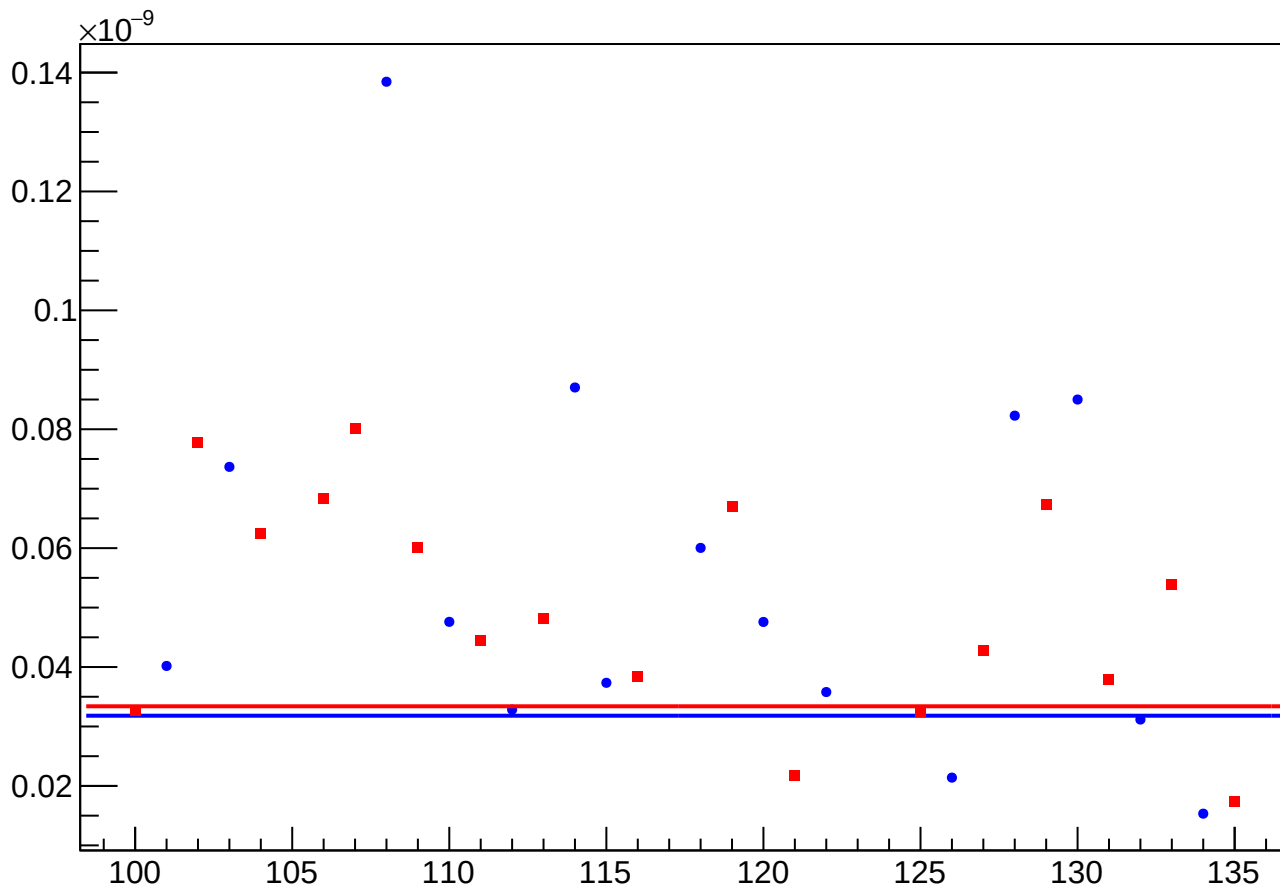
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at1lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2160657.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2032892.3/16

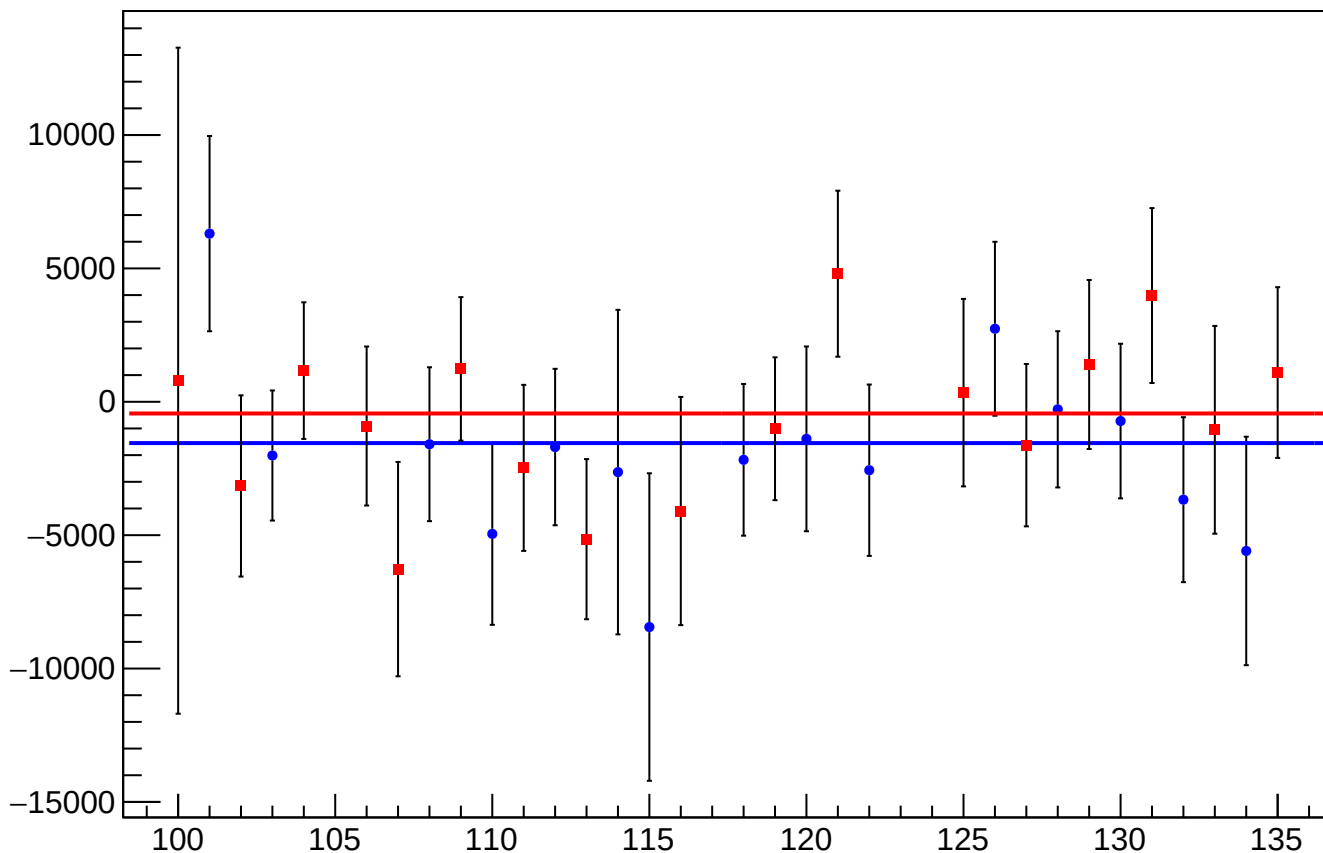
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4201311.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1548.433+/-840.588 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -438.004+/-786.887 χ^2/NDF : 12.7/16

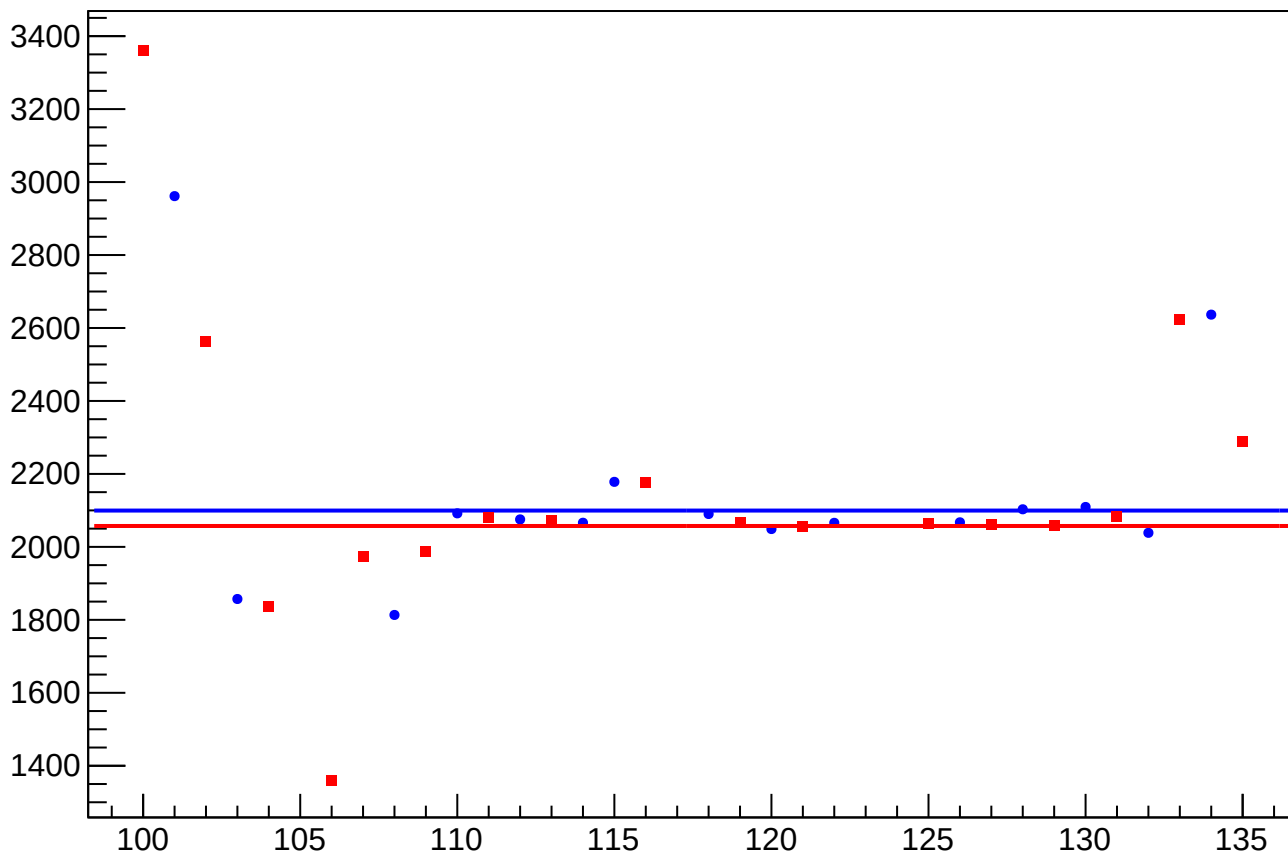
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -956.619+/-574.460 χ^2/NDF : 24.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.566 $\pm$ 0.594 χ^2 /NDF: 184084.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2057.283 $\pm$ 0.556 χ^2 /NDF: 246781.8/16

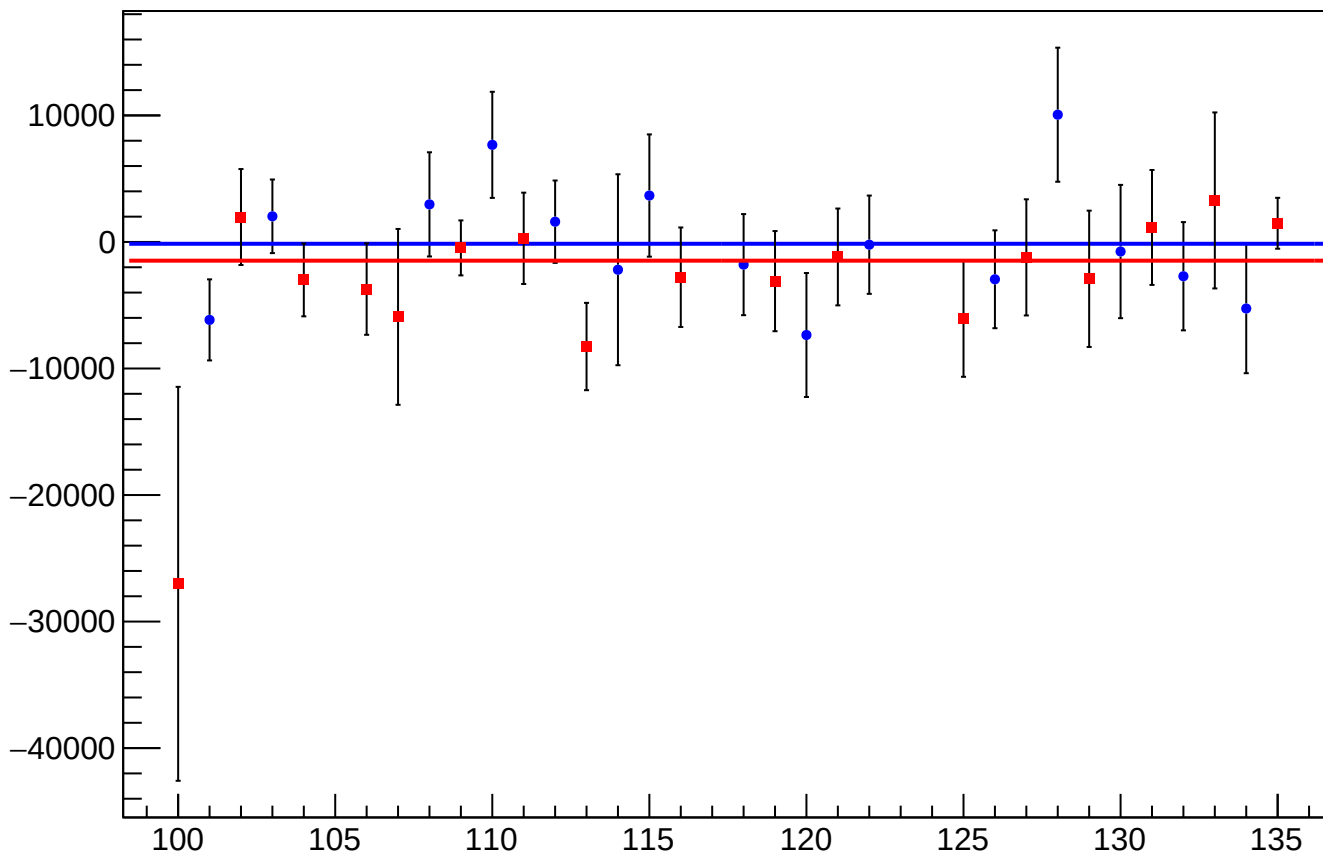
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2077.030 $\pm$ 0.406 χ^2 /NDF: 433563.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_mean vs Slug



Right In: -143.242+/-1060.925 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1478.219+/-874.657 χ^2/NDF : 13.2/16

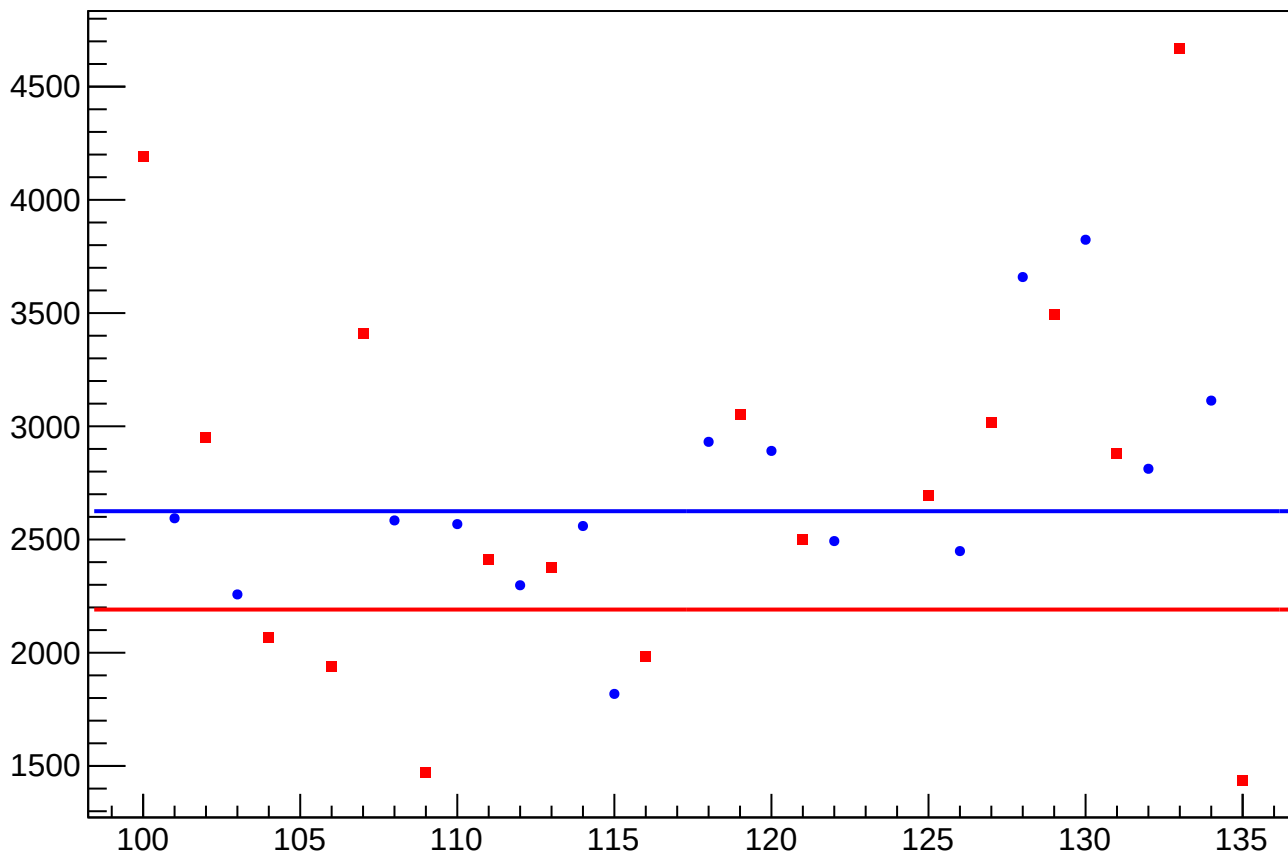
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -938.021+/-674.876 χ^2/NDF : 31.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_correction_rms vs Slug



Right In: 2625.055+/-0.750 χ^2/NDF : 334872.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

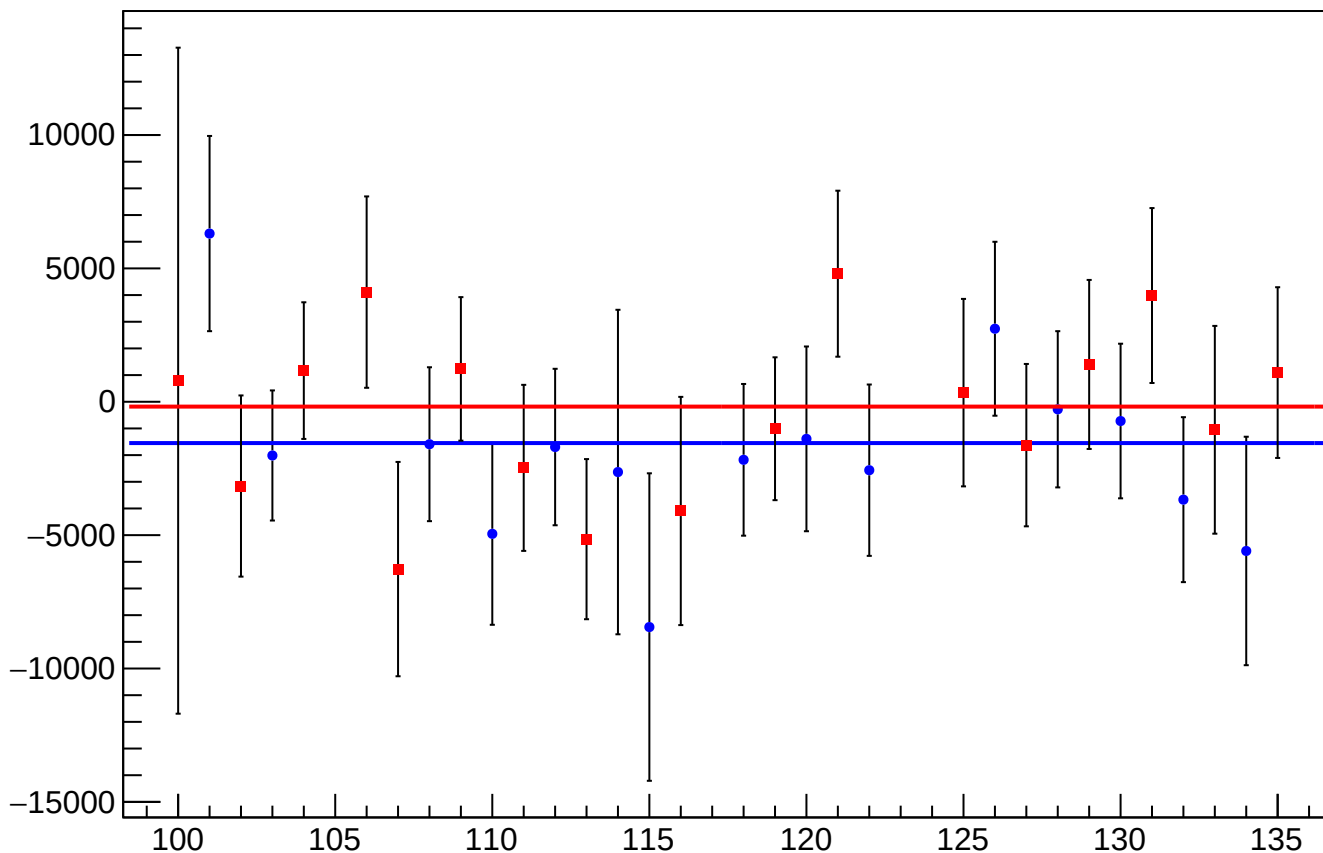
Right Out: 2190.677+/-0.618 χ^2/NDF : 1320922.5/16

All: 2366.447+/-0.477 χ^2/NDF : 1855398.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1548.293 $\pm$ 840.588 χ^2 /NDF: 10.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -181.124 $\pm$ 795.531 χ^2 /NDF: 14.2/16

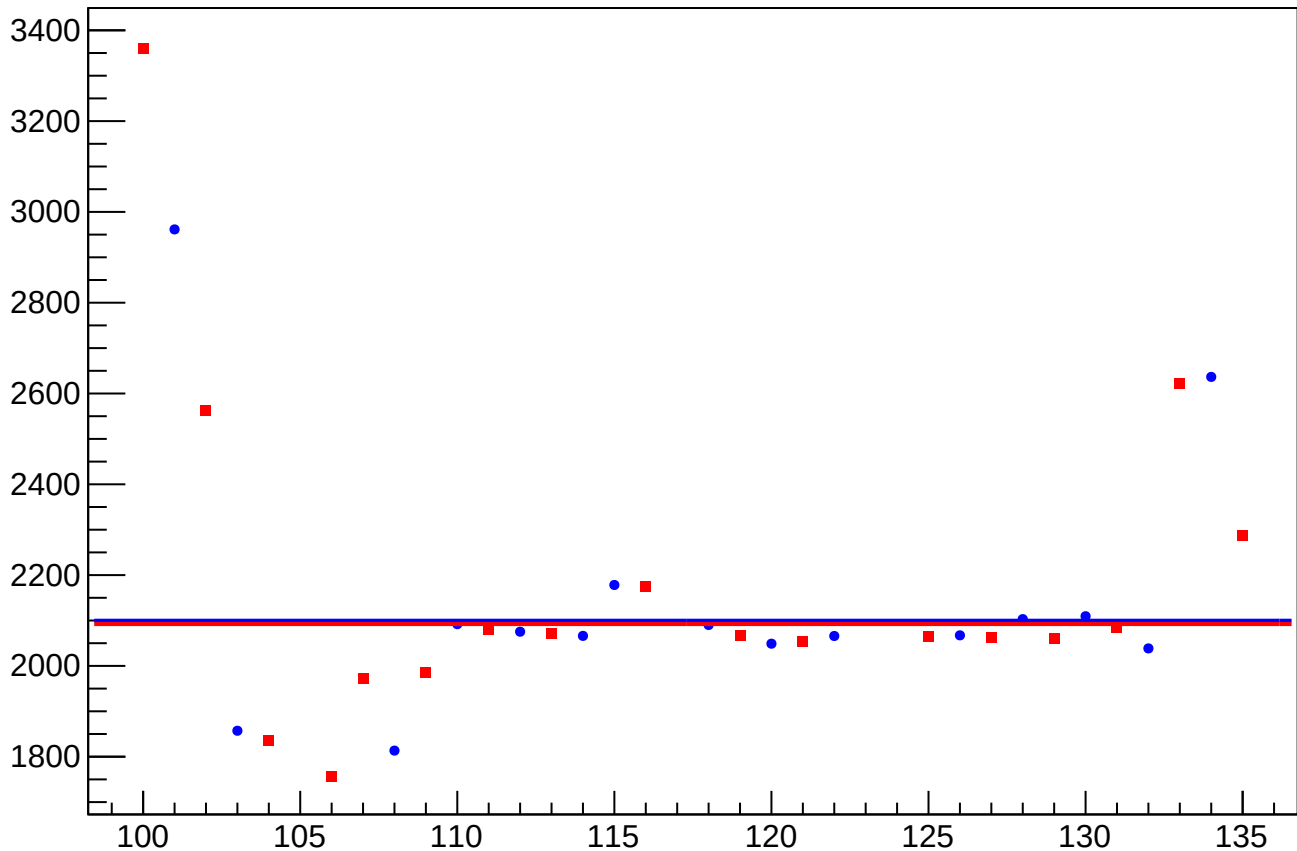
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -827.087 $\pm$ 577.798 χ^2 /NDF: 26.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.101+/-0.563 χ^2/NDF : 147822.4/16

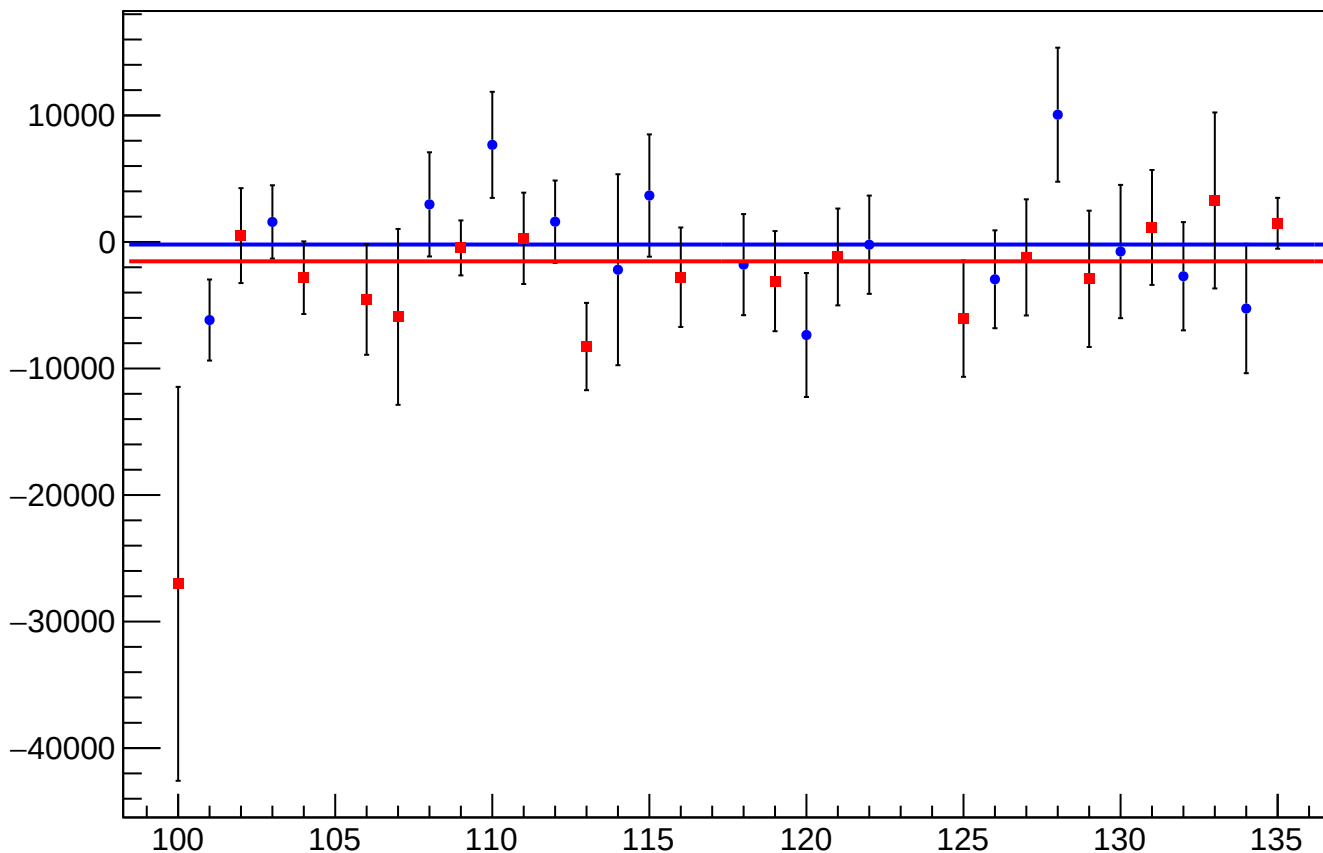
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.628+/-0.409 χ^2/NDF : 331990.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_mean vs Slug



Right In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1530.233+/-882.163 χ^2/NDF : 12.7/16

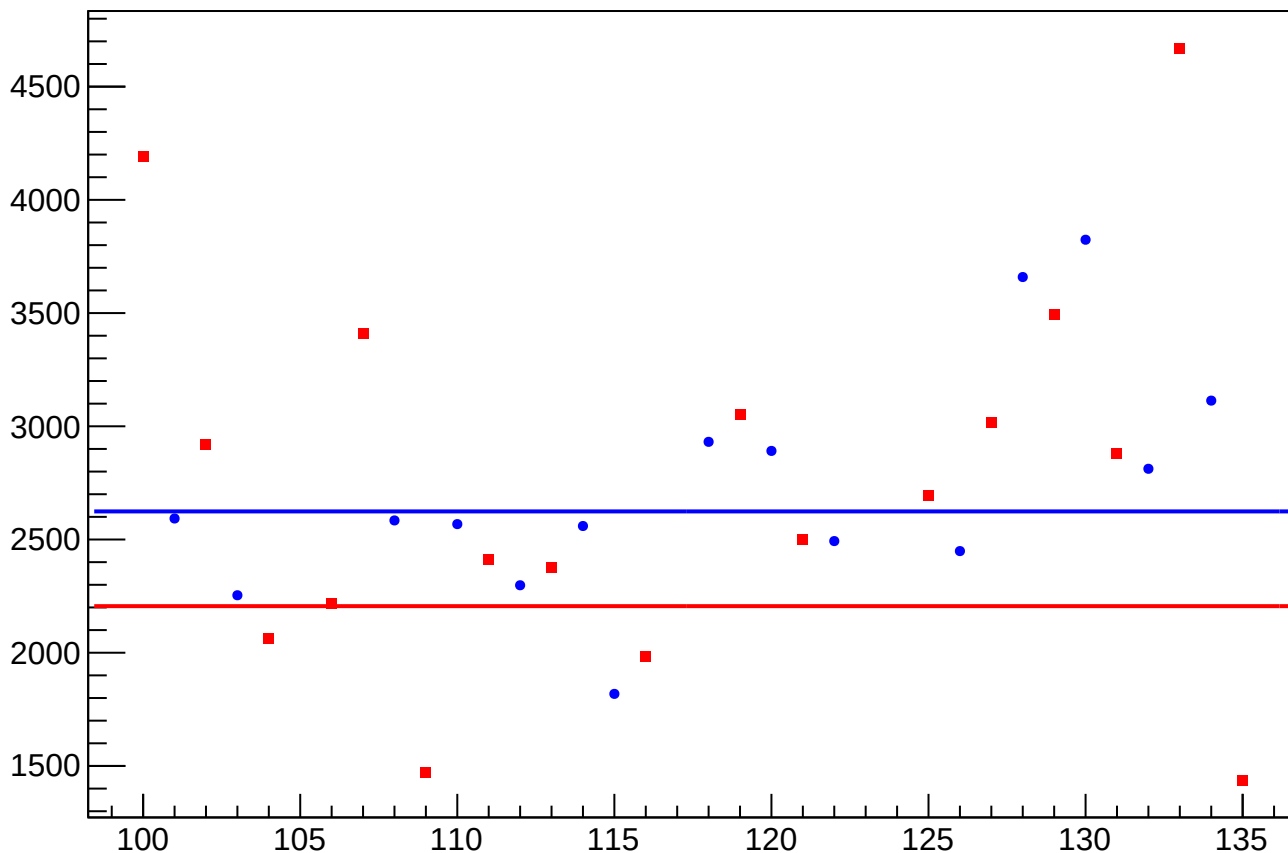
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -987.048+/-678.163 χ^2/NDF : 30.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_cor_correction_rms vs Slug



Right In: 2624.105 $\pm$ 0.750 χ^2 /NDF: 335743.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

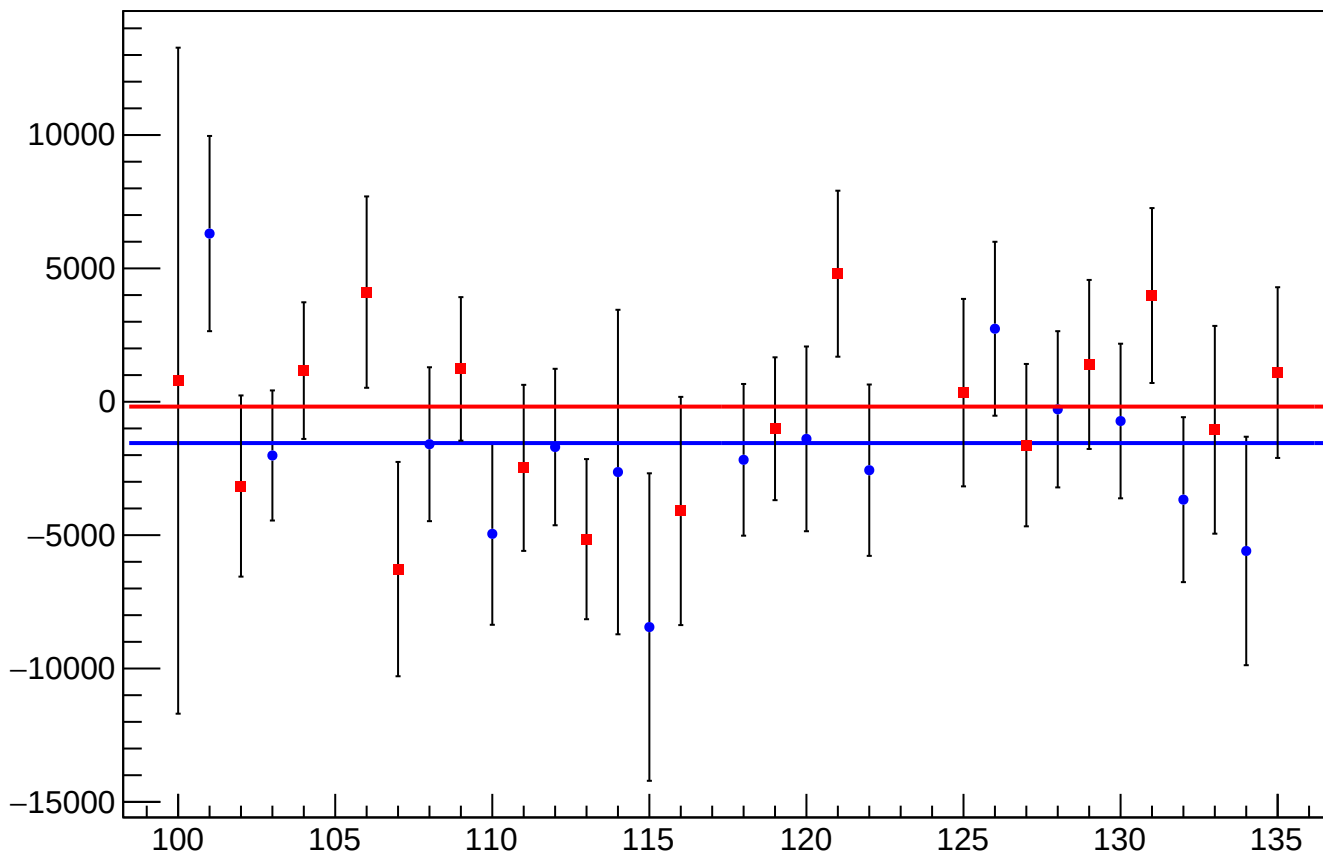
Right Out: 2205.694 $\pm$ 0.624 χ^2 /NDF: 1306397.0/16

All: 2376.833 $\pm$ 0.480 χ^2 /NDF: 1826169.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1548.293+/-840.588 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -181.124+/-795.531 χ^2/NDF : 14.2/16

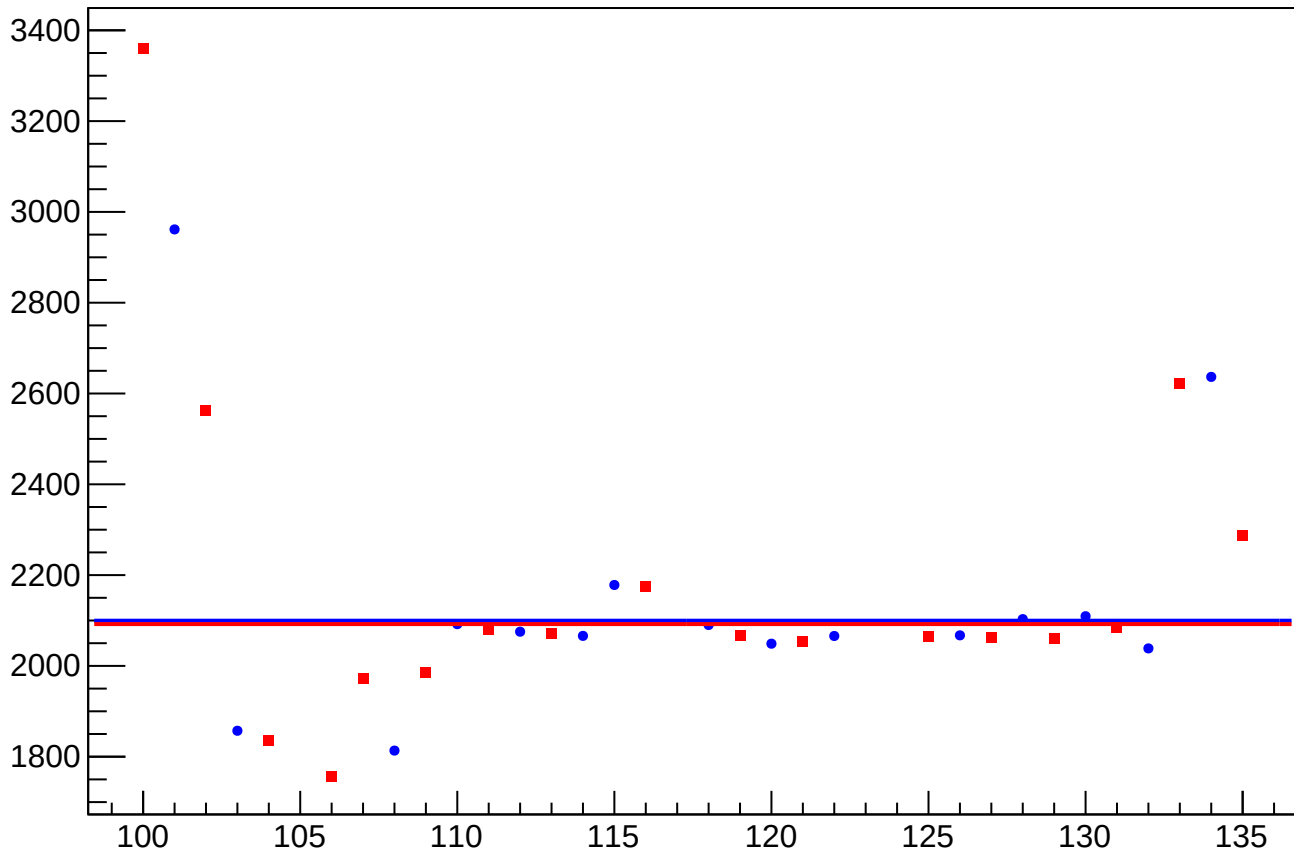
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -827.087+/-577.798 χ^2/NDF : 26.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2099.566+/-0.594 χ^2/NDF : 184084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2092.101+/-0.563 χ^2/NDF : 147822.4/16

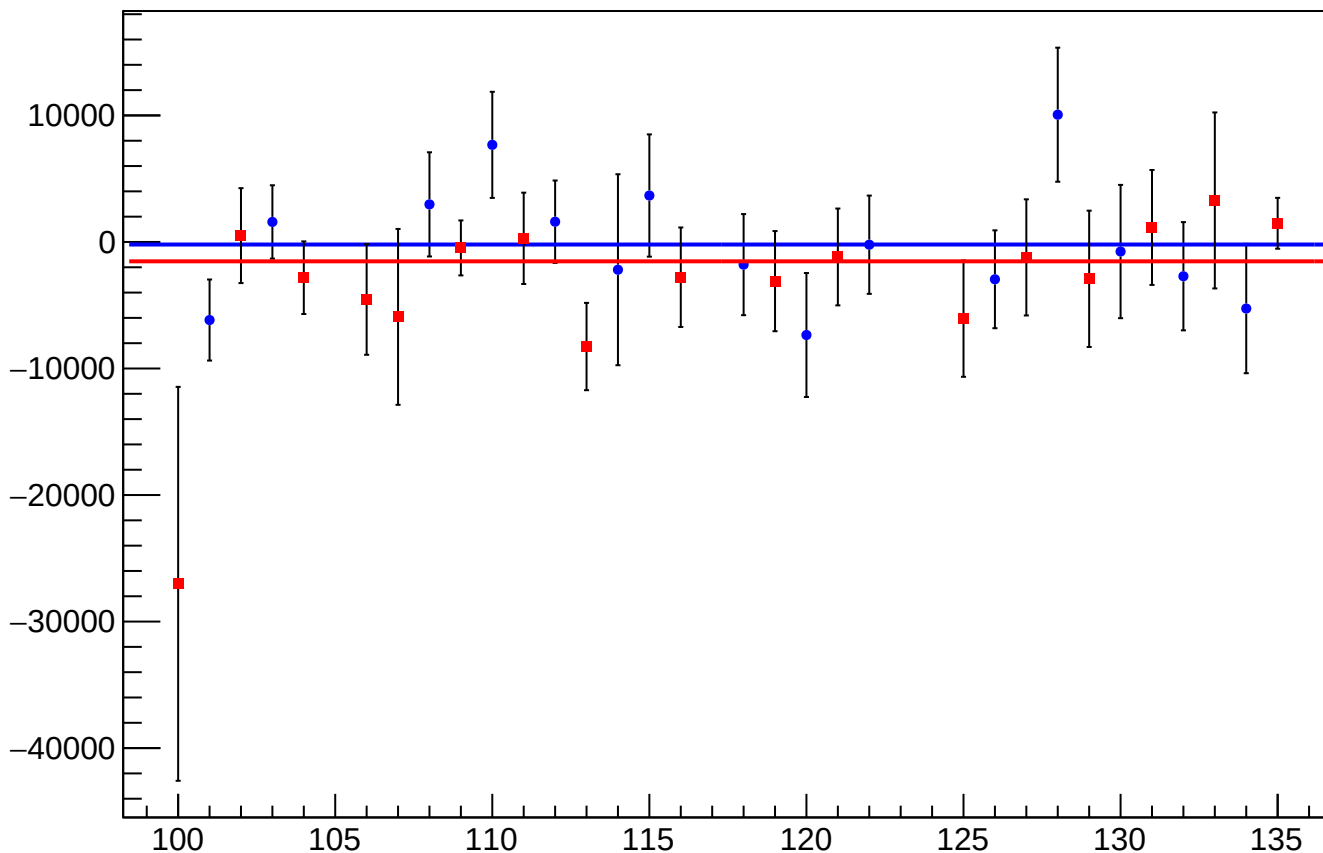
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2095.628+/-0.409 χ^2/NDF : 331990.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: -202.225+/-1060.379 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1530.233+/-882.163 χ^2/NDF : 12.7/16

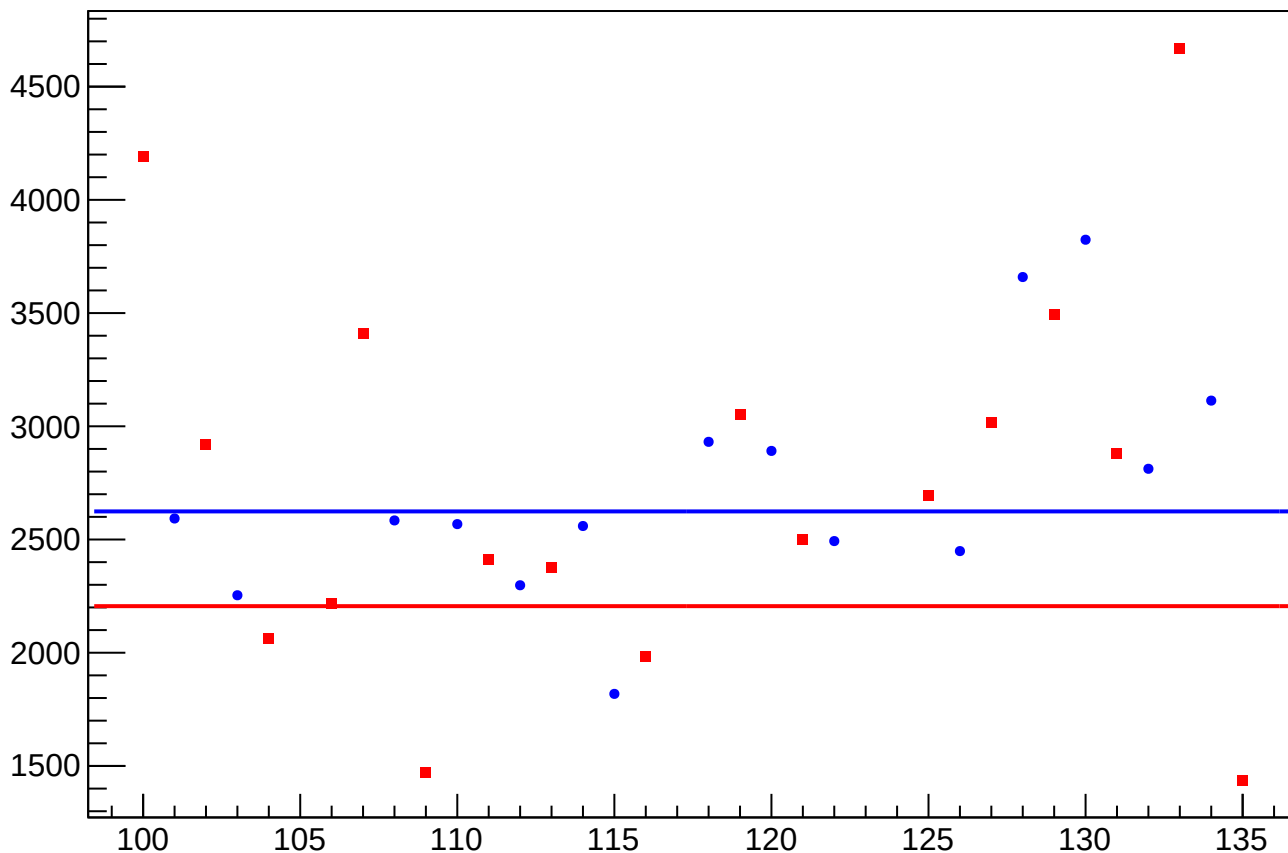
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -987.048+/-678.163 χ^2/NDF : 30.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 2624.105 $\pm$ 0.750 χ^2 /NDF: 335743.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

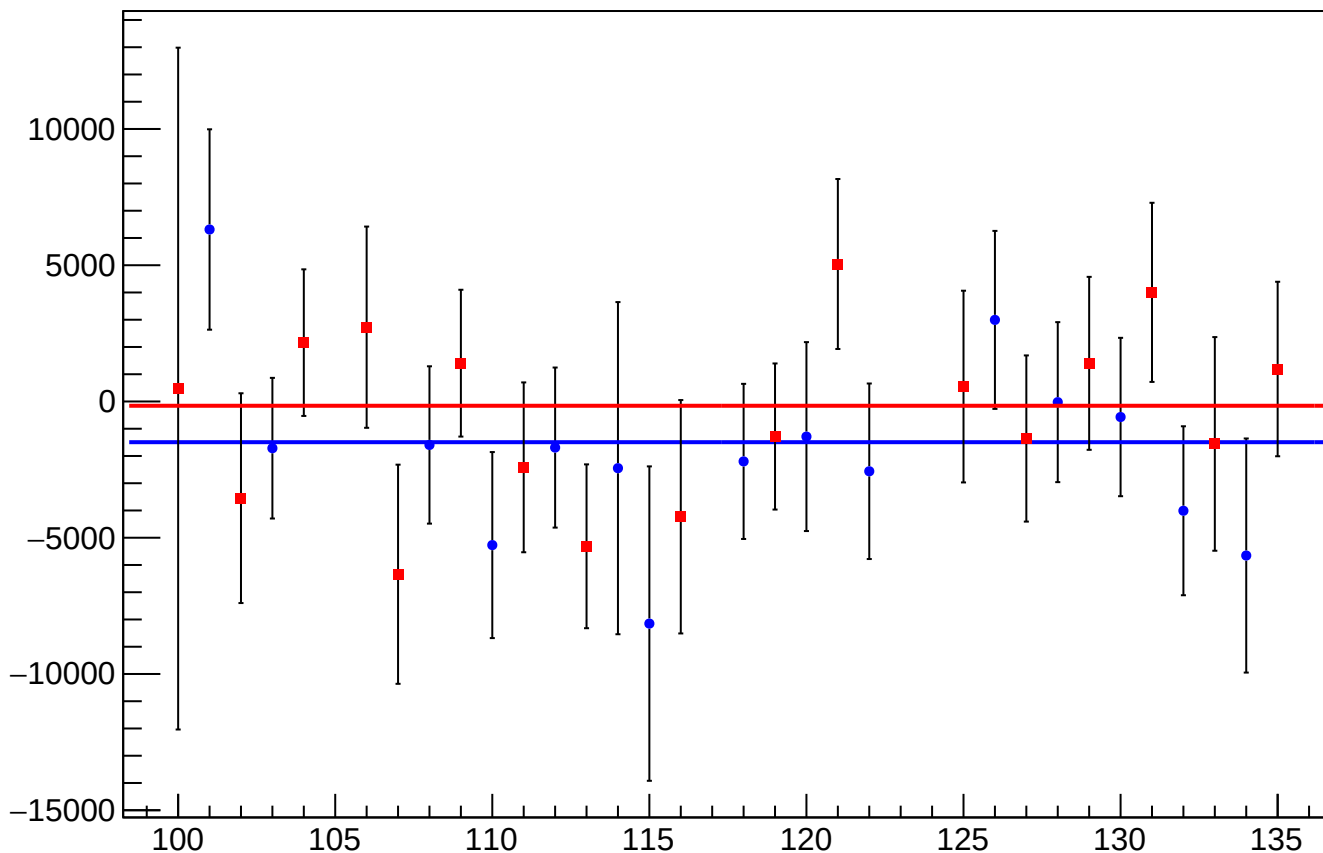
Right Out: 2205.694 $\pm$ 0.624 χ^2 /NDF: 1306397.0/16

All: 2376.833 $\pm$ 0.480 χ^2 /NDF: 1826169.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1493.874 $\pm$ 847.480 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -157.092 $\pm$ 806.348 χ^2 /NDF: 14.5/16

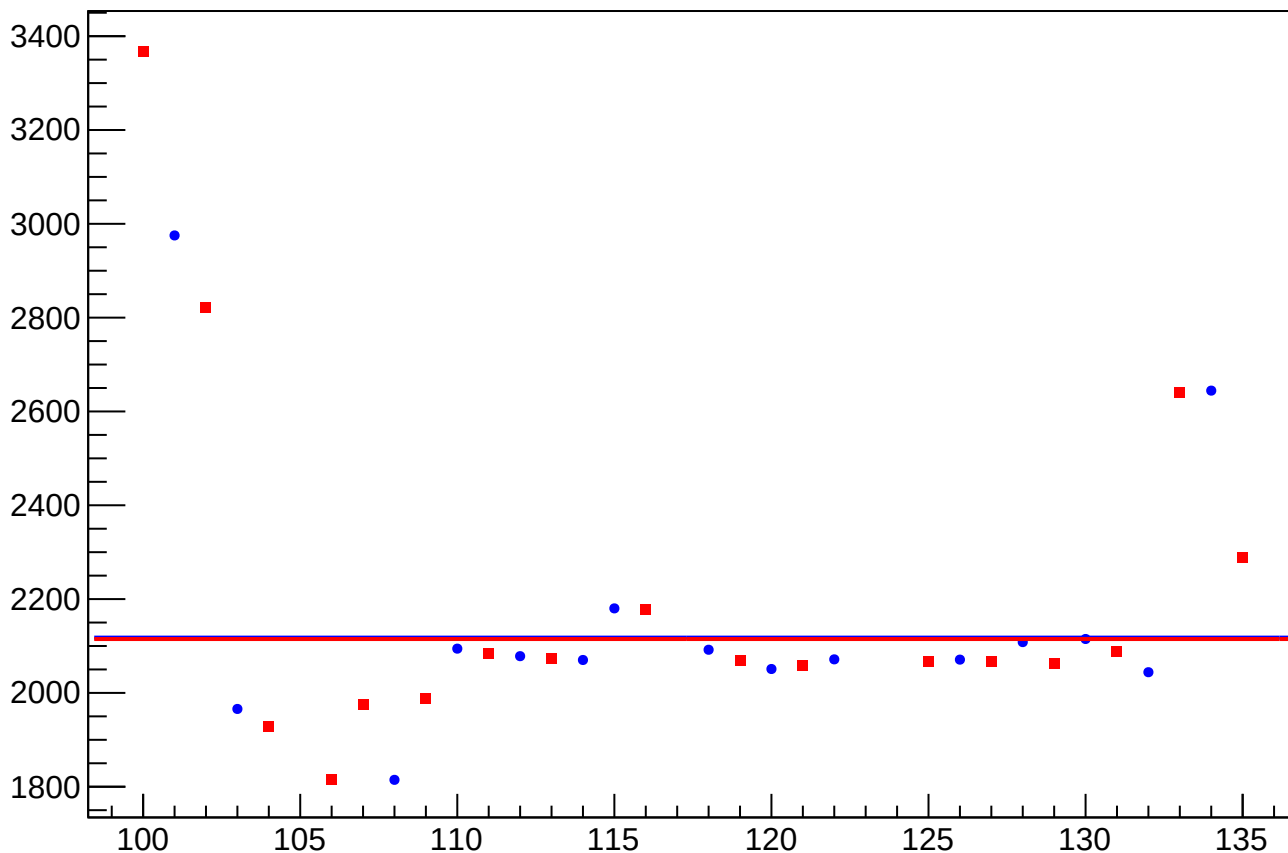
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -792.257 $\pm$ 584.174 χ^2 /NDF: 26.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2117.857 $\pm$ 0.599 χ^2 /NDF: 171508.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

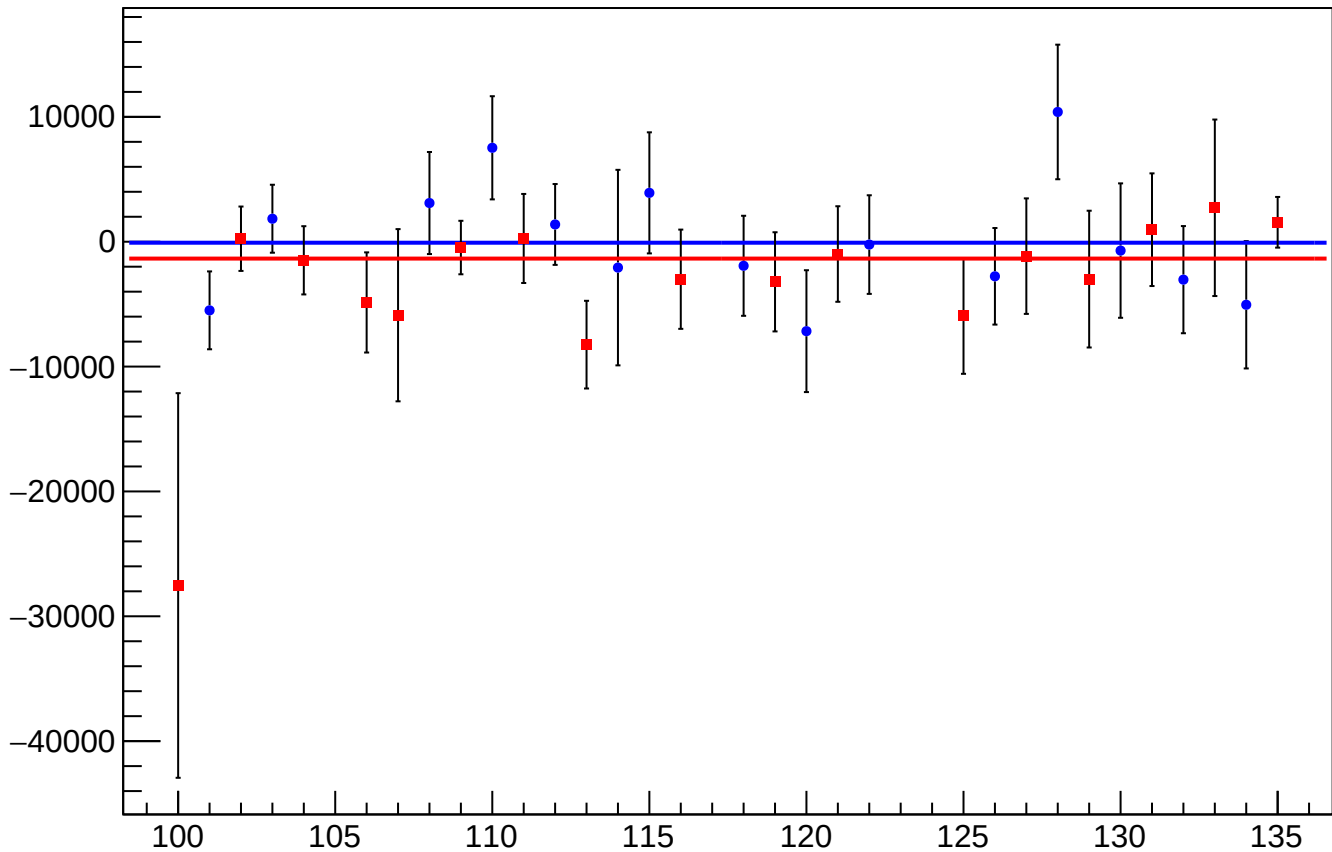
Right Out: 2114.838 $\pm$ 0.570 χ^2 /NDF: 162526.5/16

All: 2116.273 $\pm$ 0.413 χ^2 /NDF: 334047.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_mean vs Slug



Right In: -79.302 ± 1049.768 χ^2/NDF : 16.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1350.158 ± 850.365 χ^2/NDF : 12.8/16

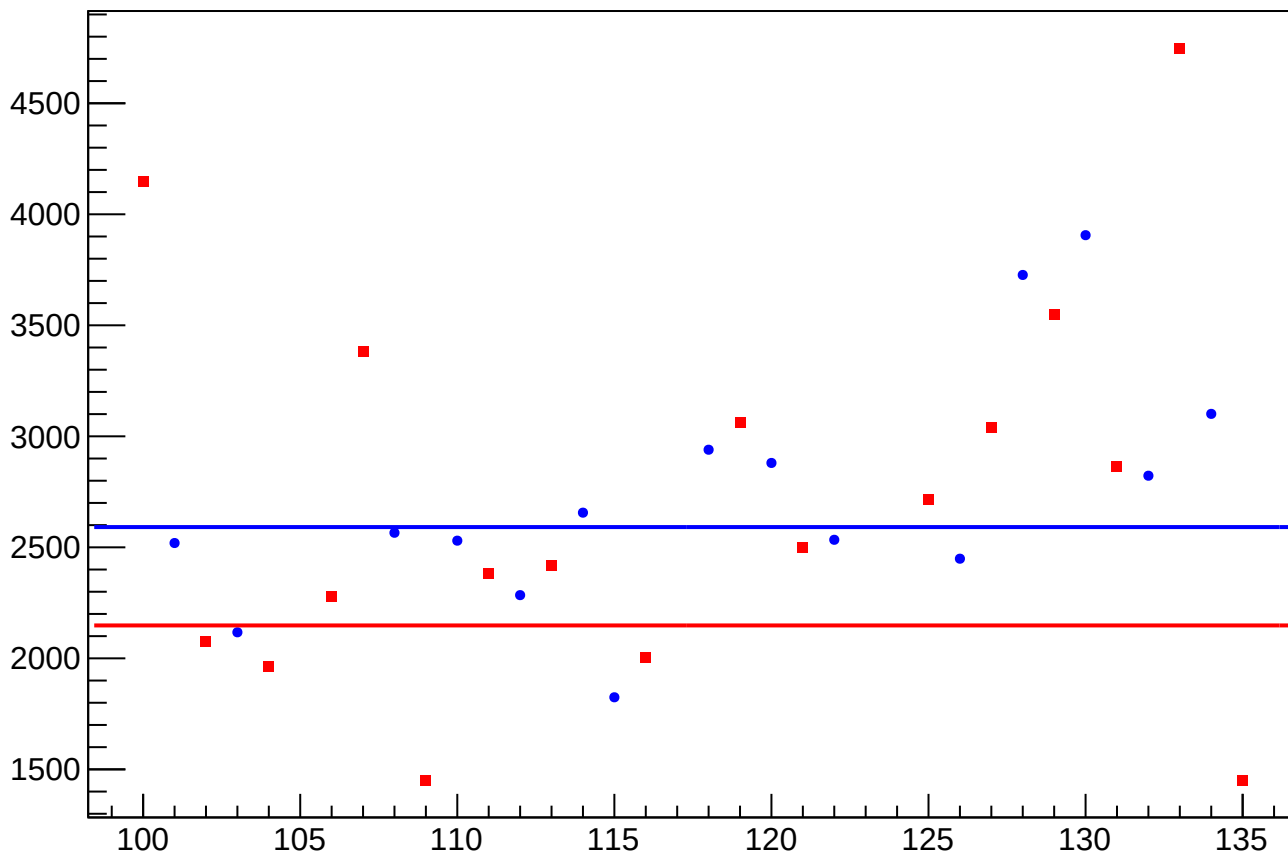
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -846.643 ± 660.772 χ^2/NDF : 30.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_correction_rms vs Slug



Right In: 2591.251 $\pm$ 0.742 χ^2 /NDF: 389410.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2148.231 $\pm$ 0.601 χ^2 /NDF: 1260425.9/16

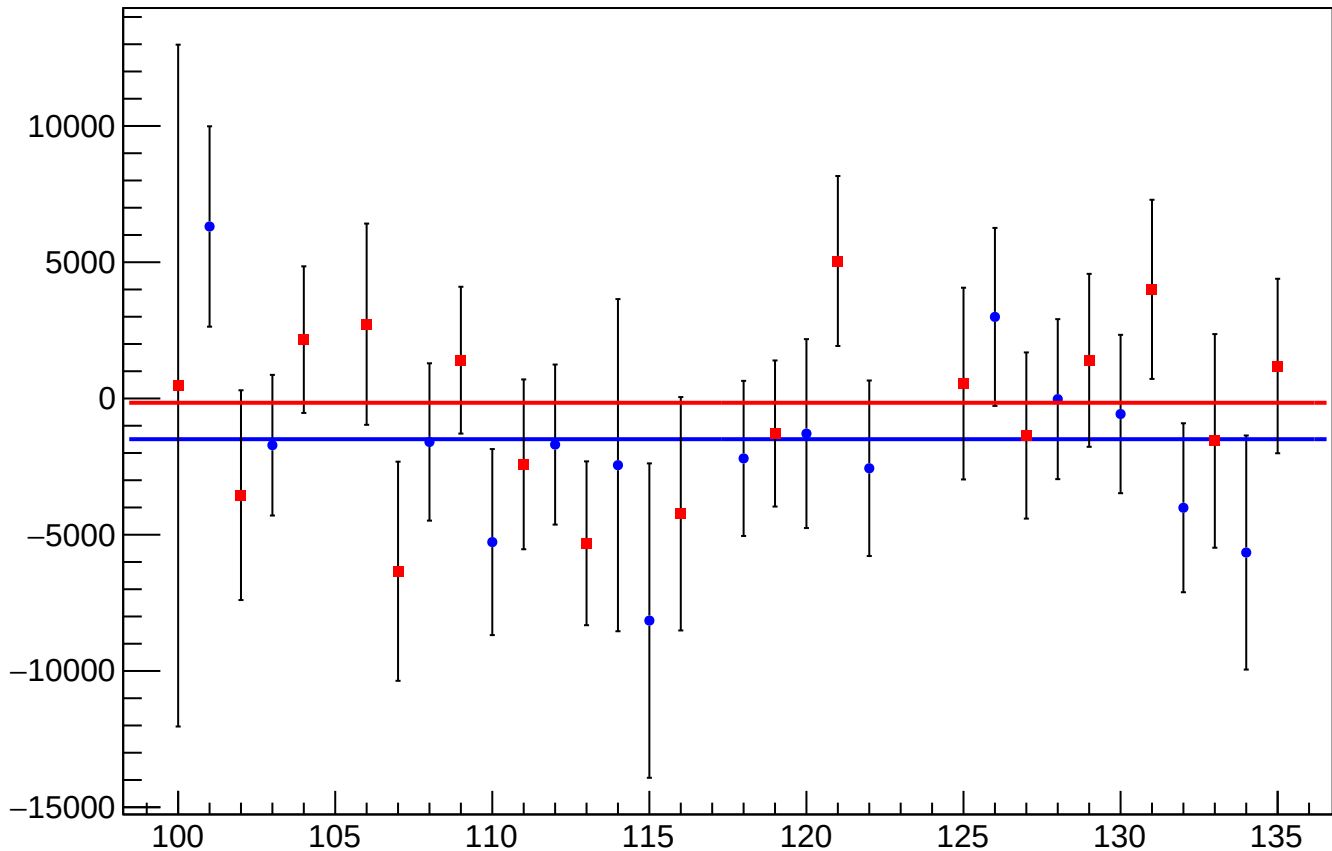
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2323.757 $\pm$ 0.467 χ^2 /NDF: 1864907.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1493.869 ± 847.480 χ^2/NDF : 11.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -157.085 ± 806.348 χ^2/NDF : 14.5/16

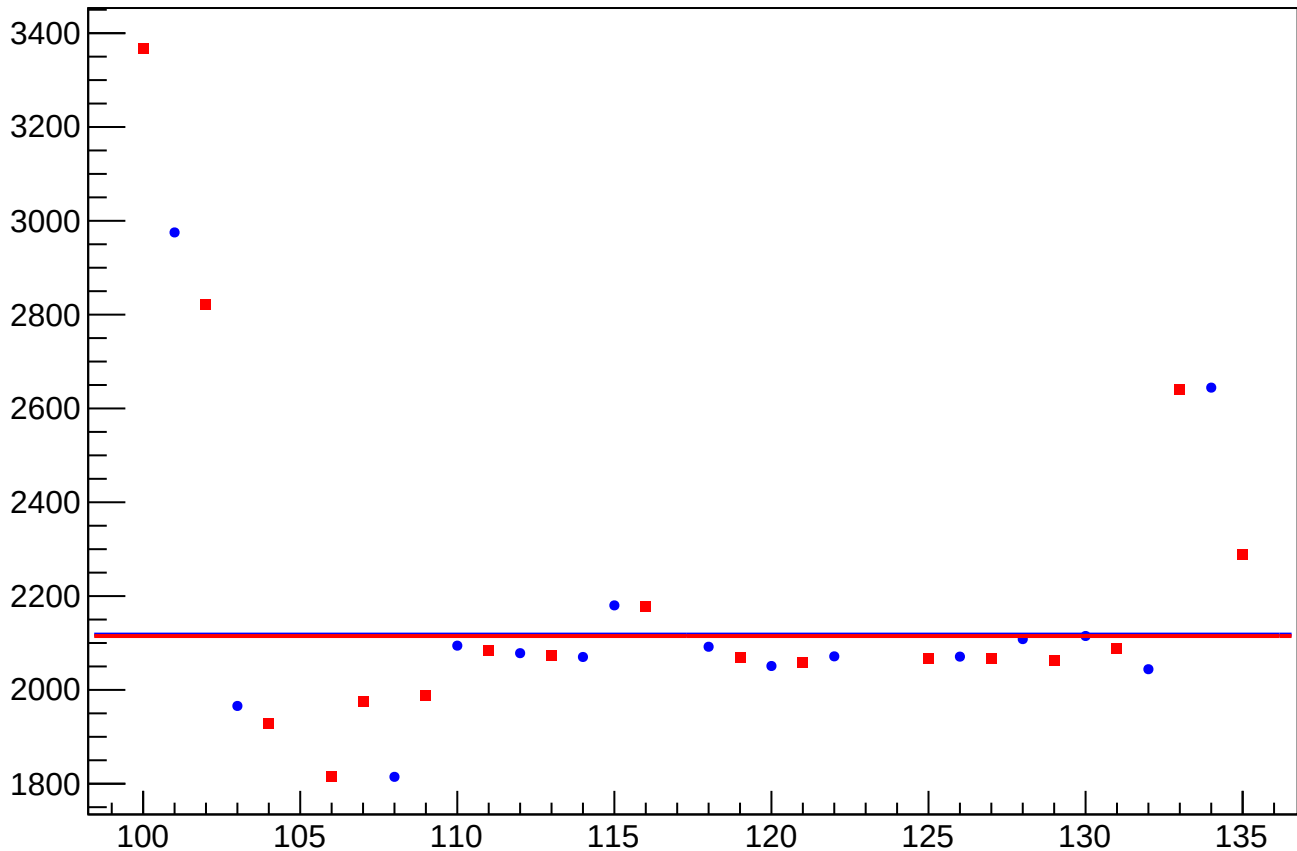
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -792.251 ± 584.174 χ^2/NDF : 26.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 2117.857 $\pm$ 0.599 χ^2 /NDF: 171508.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2114.838 $\pm$ 0.570 χ^2 /NDF: 162526.4/16

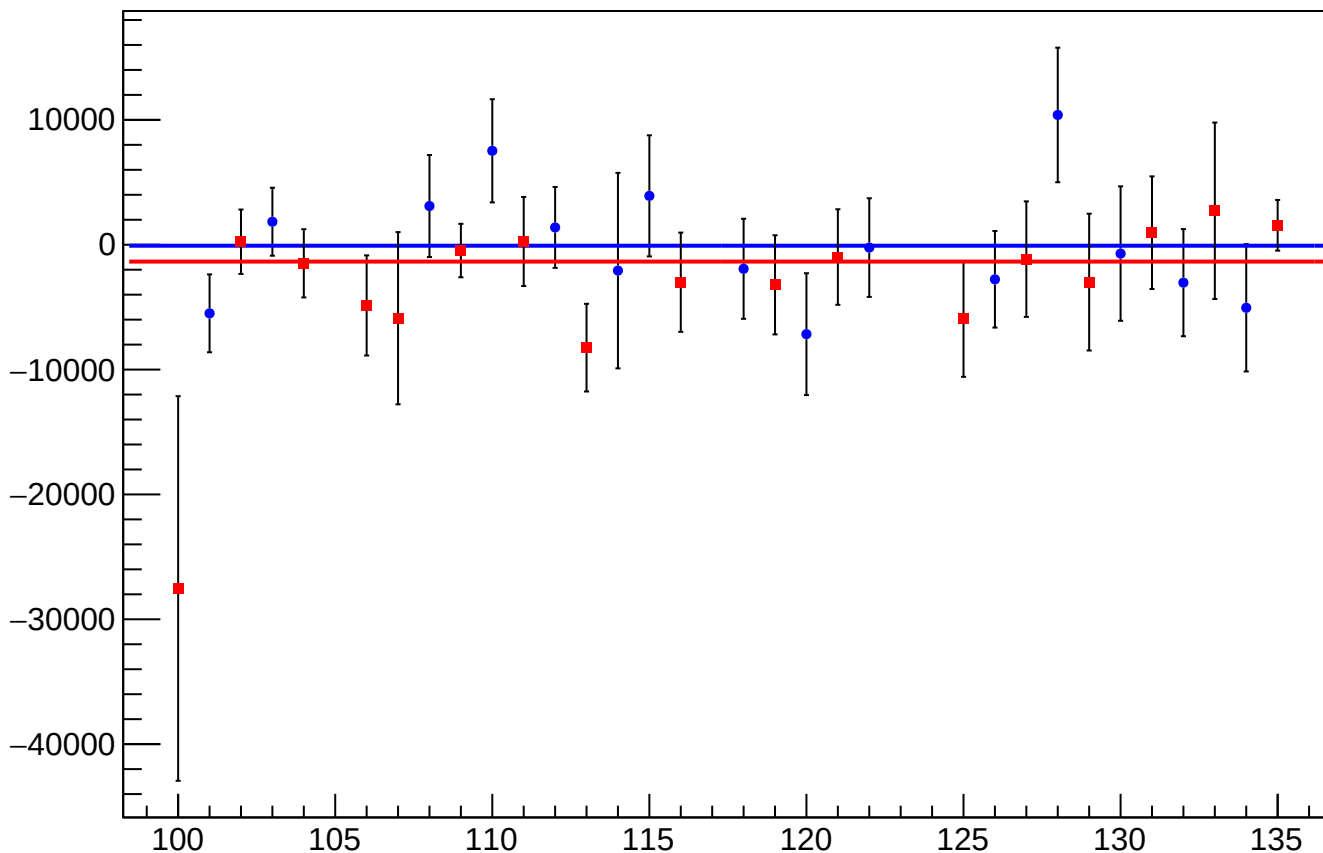
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2116.272 $\pm$ 0.413 χ^2 /NDF: 334047.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: -79.302 ± 1049.766 χ^2/NDF : 16.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1350.170 ± 850.368 χ^2/NDF : 12.8/16

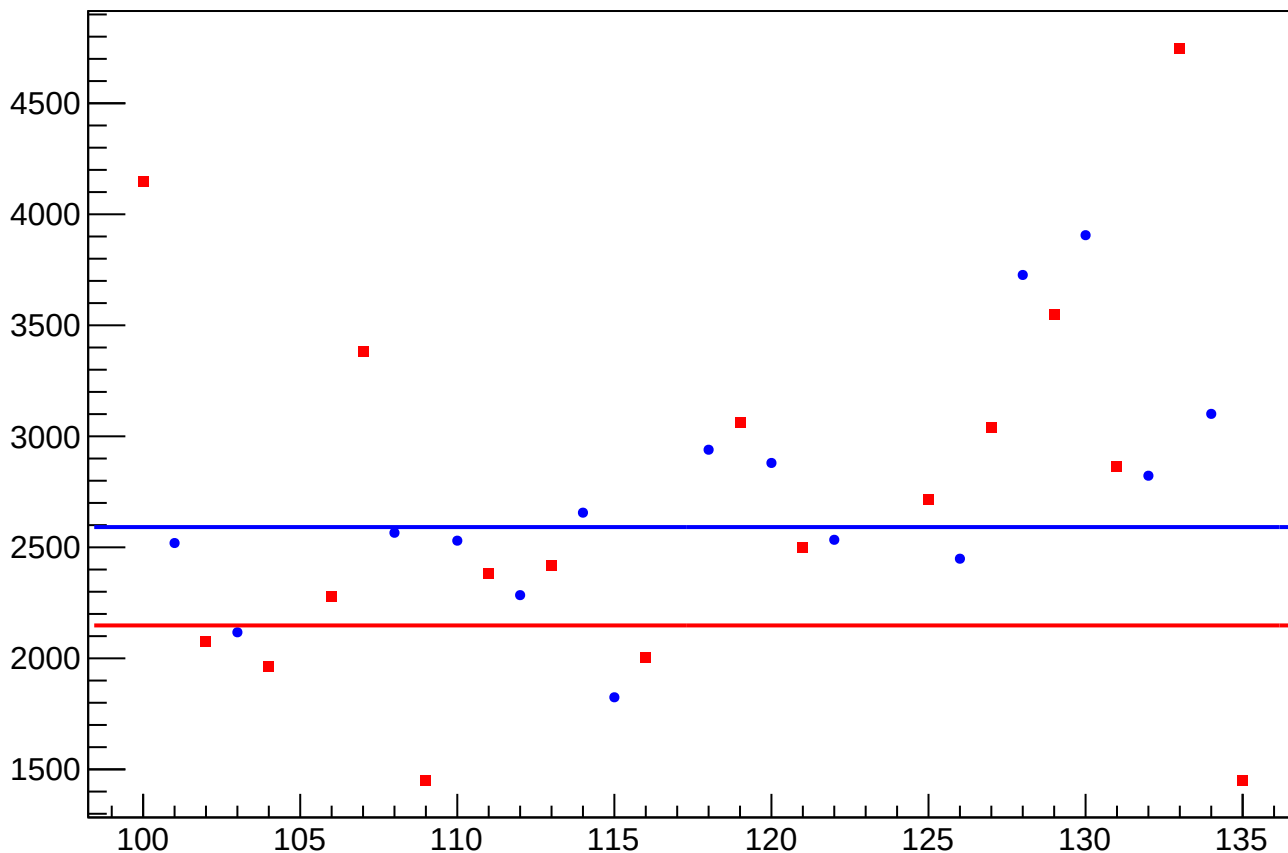
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -846.647 ± 660.772 χ^2/NDF : 30.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 2591.246 $\pm$ 0.742 χ^2 /NDF: 389403.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2148.242 $\pm$ 0.601 χ^2 /NDF: 1260384.8/16

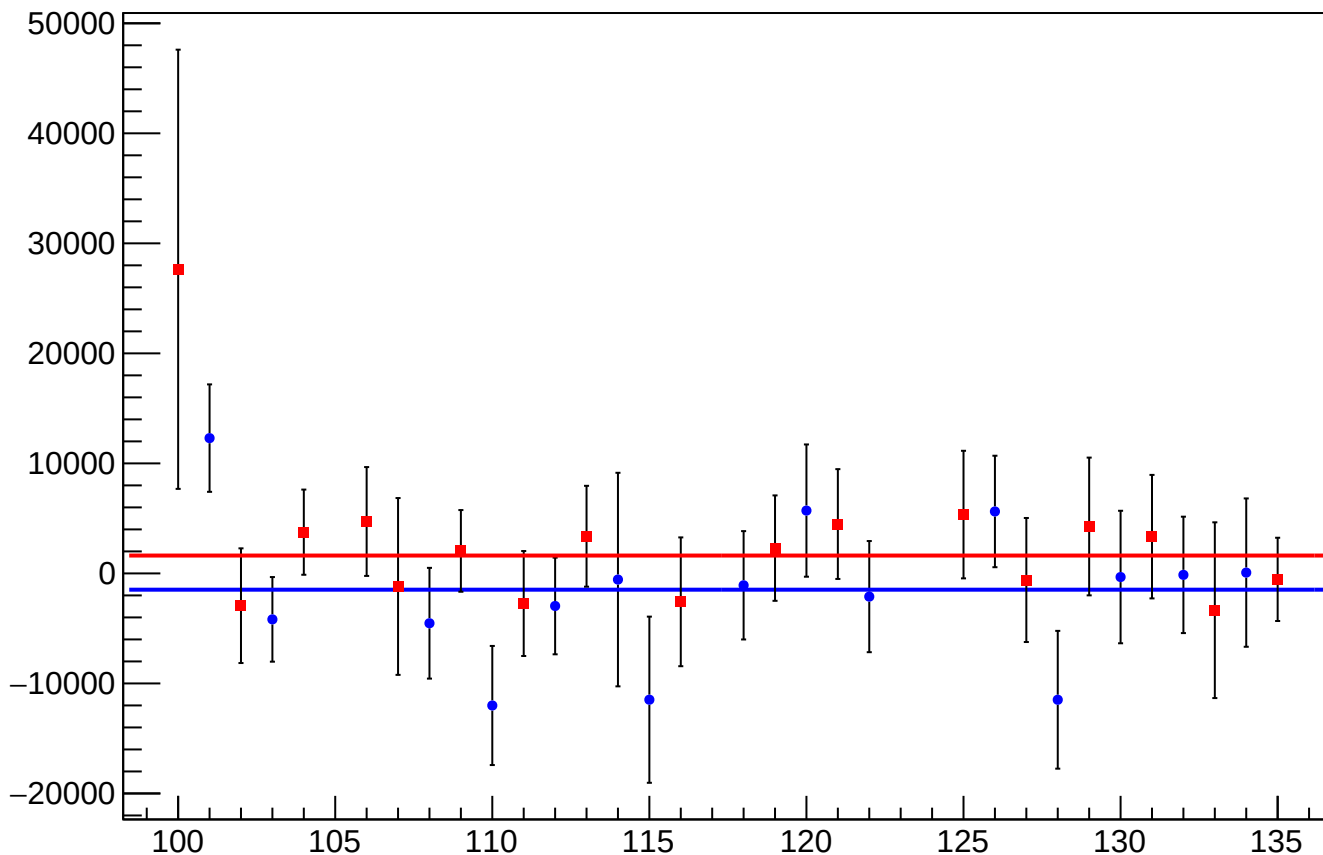
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2323.762 $\pm$ 0.467 χ^2 /NDF: 1864844.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_mean vs Slug



Right In: -1479.301+/-1385.365 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1623.701+/-1246.647 χ^2/NDF : 6.7/16

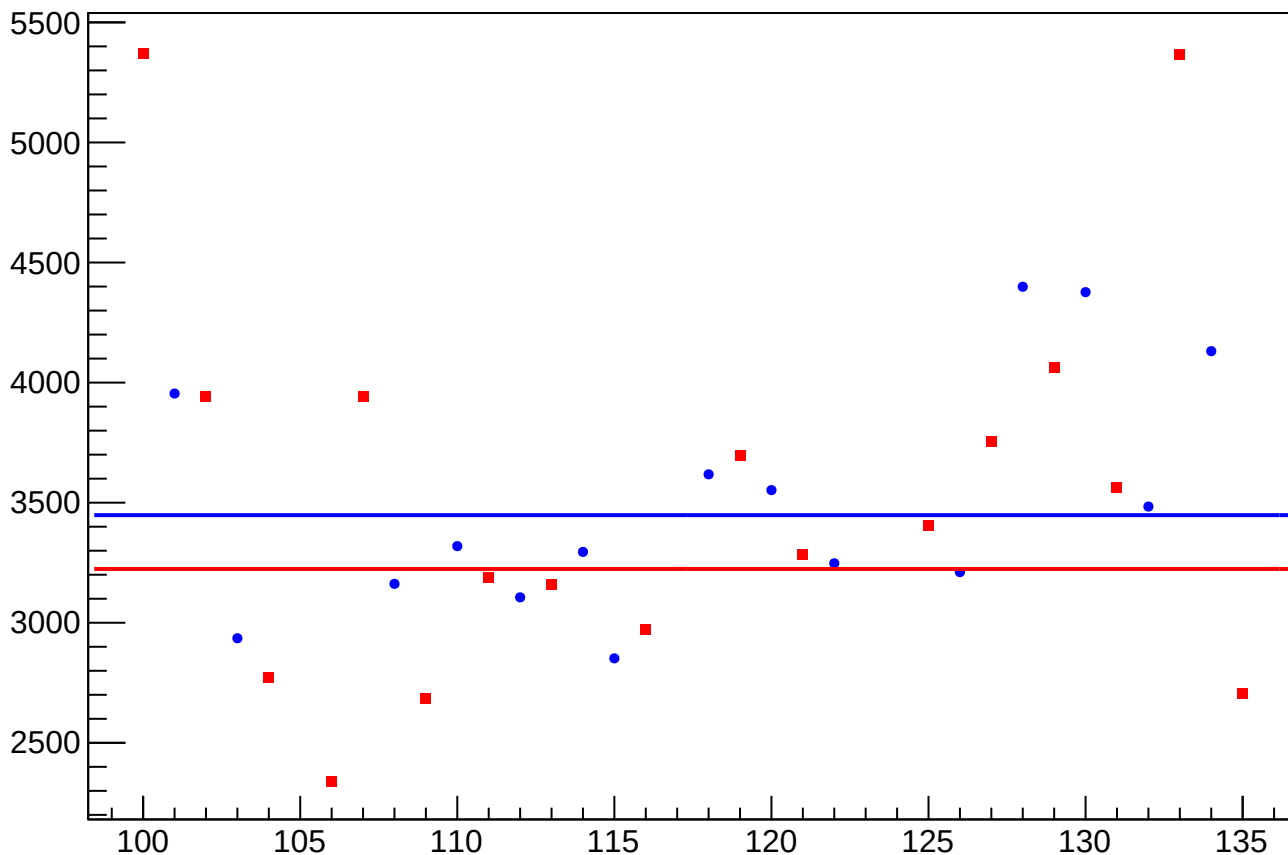
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 235.288+/-926.686 χ^2/NDF : 30.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_rms vs Slug



Right In: 3448.114+/-0.980 χ^2/NDF : 214582.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3224.005+/-0.881 χ^2/NDF : 479157.1/16

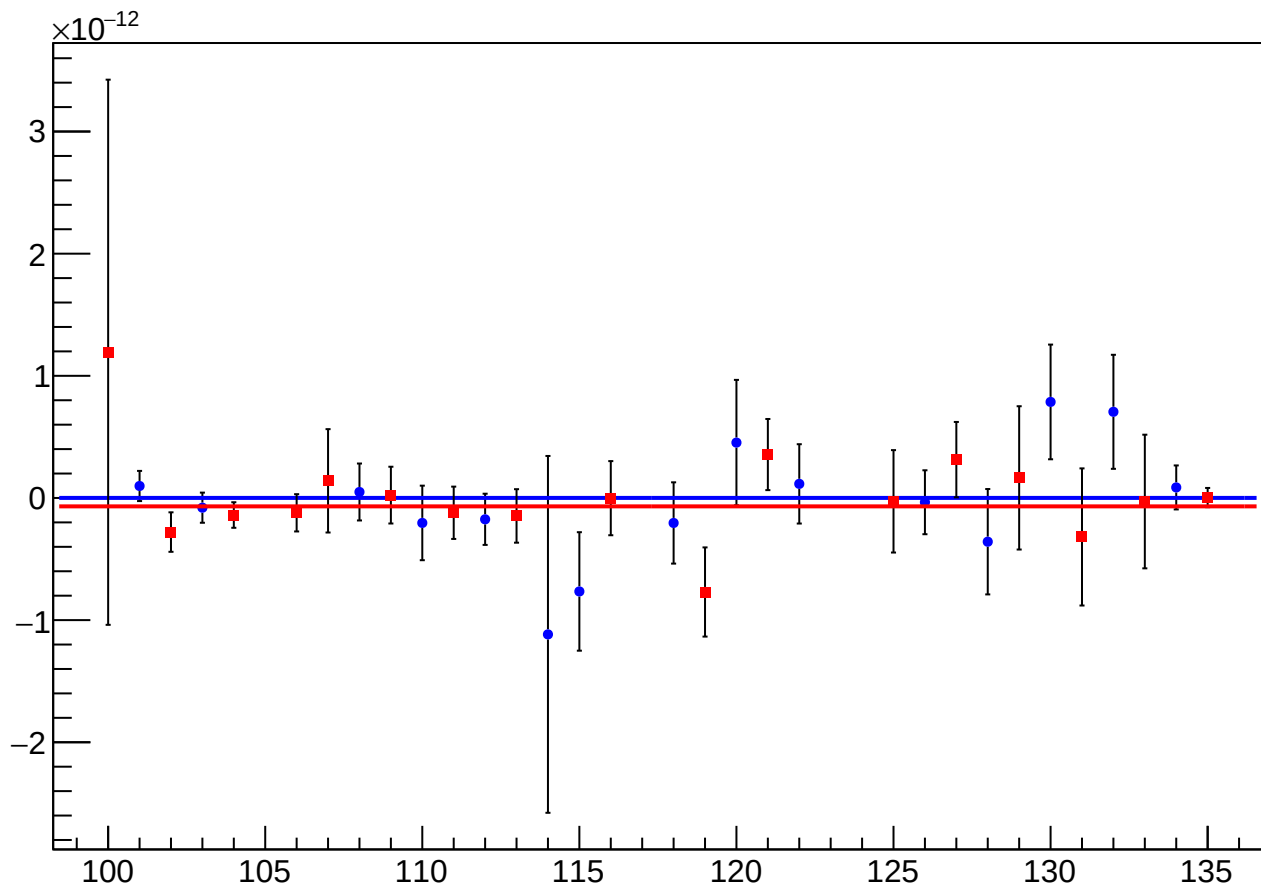
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3324.279+/-0.655 χ^2/NDF : 722660.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.8/16

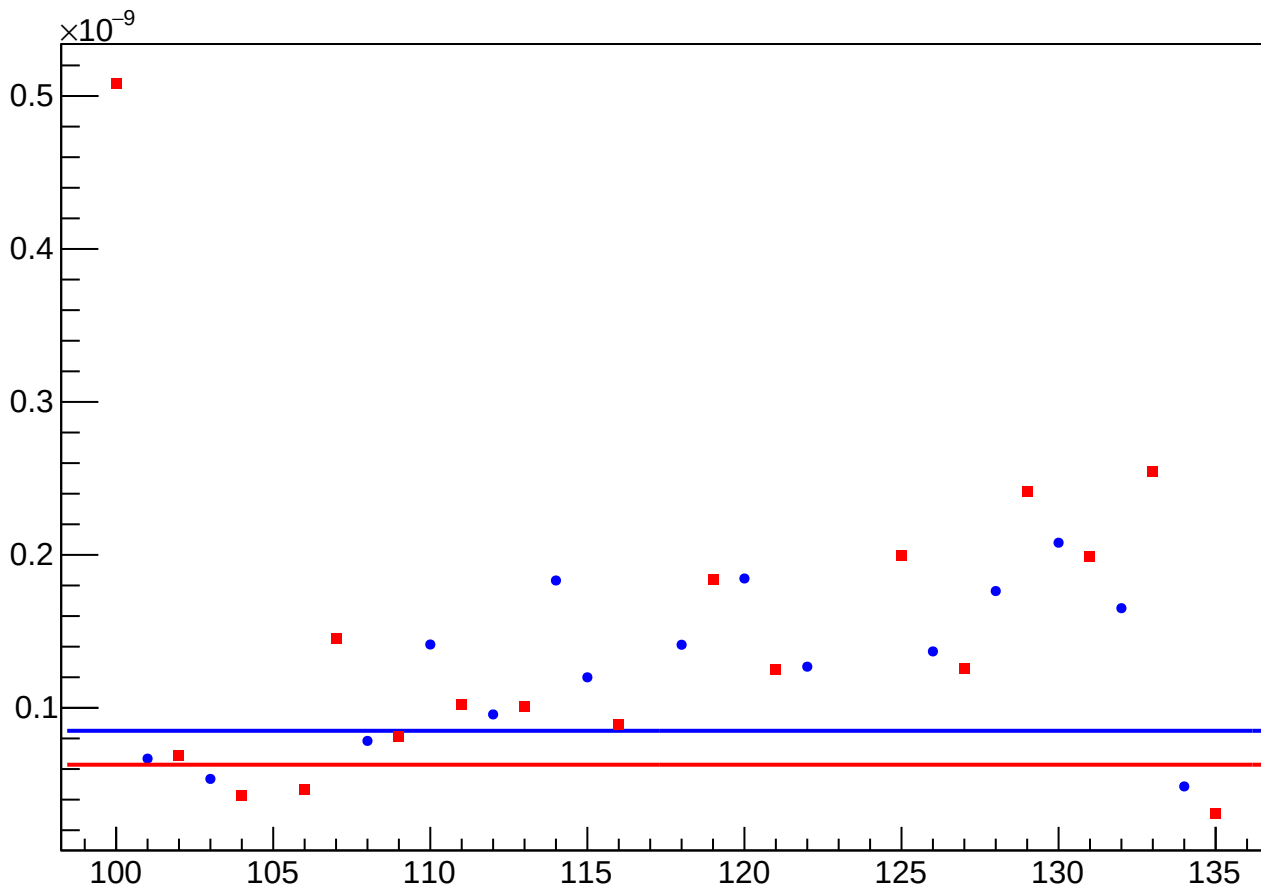
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 879847.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1896919.7/16

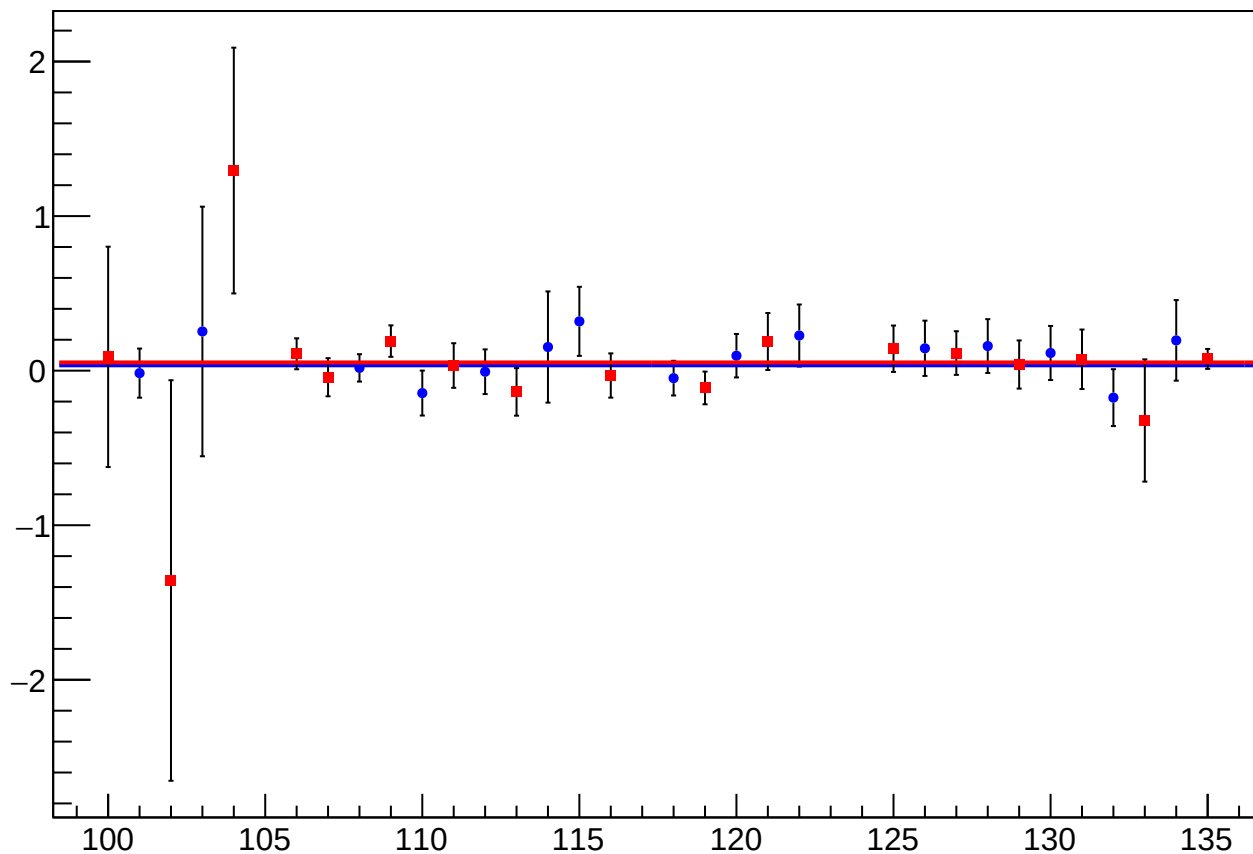
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2943727.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.033 χ^2 /NDF: 12.8/16

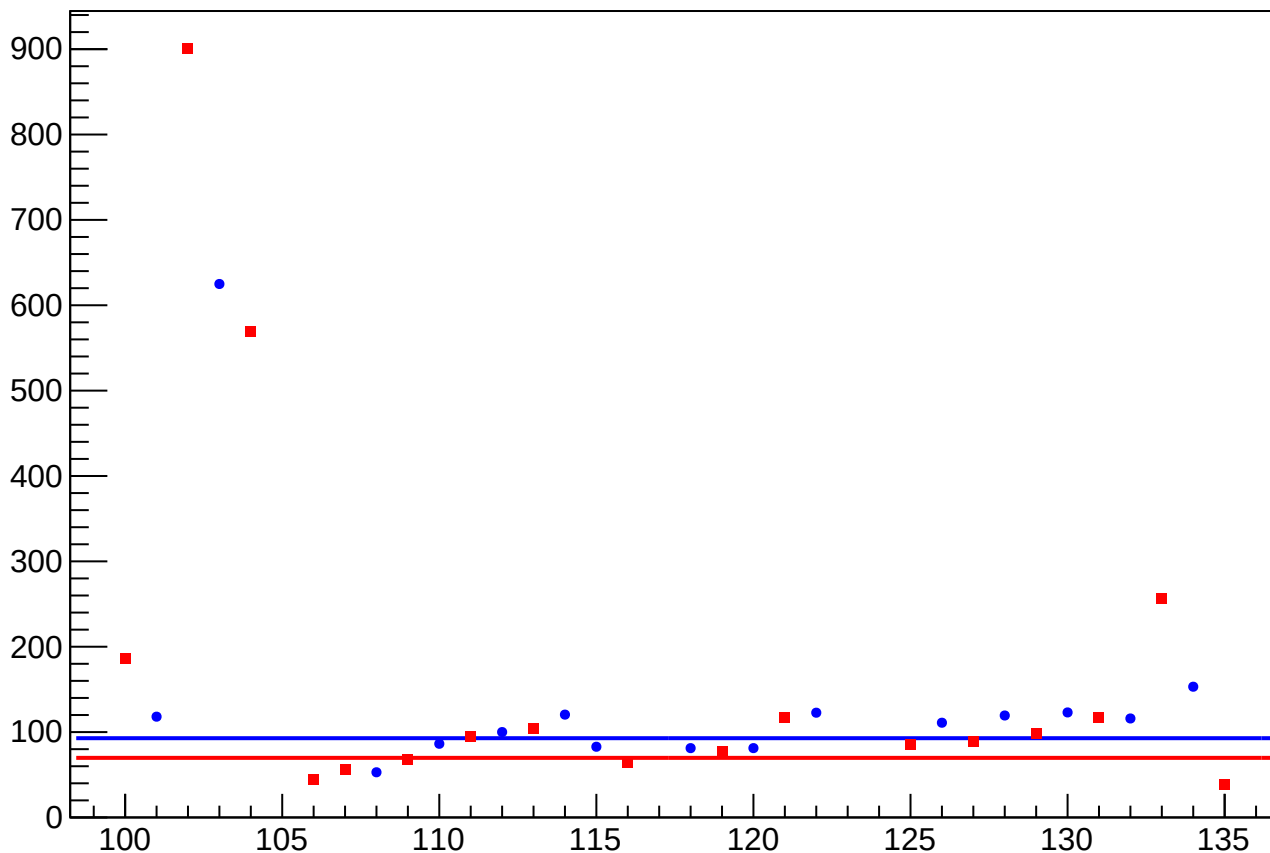
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.026 χ^2 /NDF: 20.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 92.852+/-0.029 χ^2/NDF : 1694538.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.814+/-0.023 χ^2/NDF : 3296979.4/16

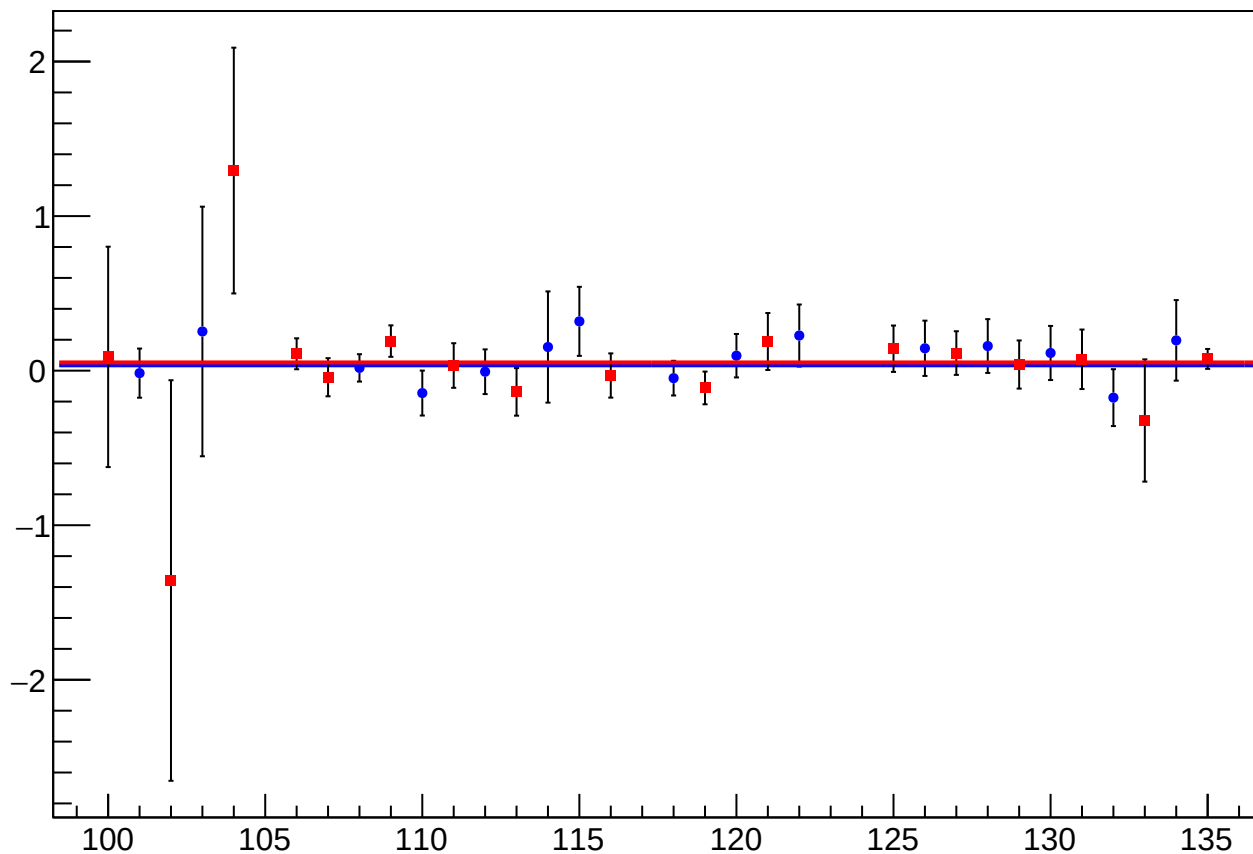
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.710+/-0.018 χ^2/NDF : 5374346.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.033 χ^2 /NDF: 12.8/16

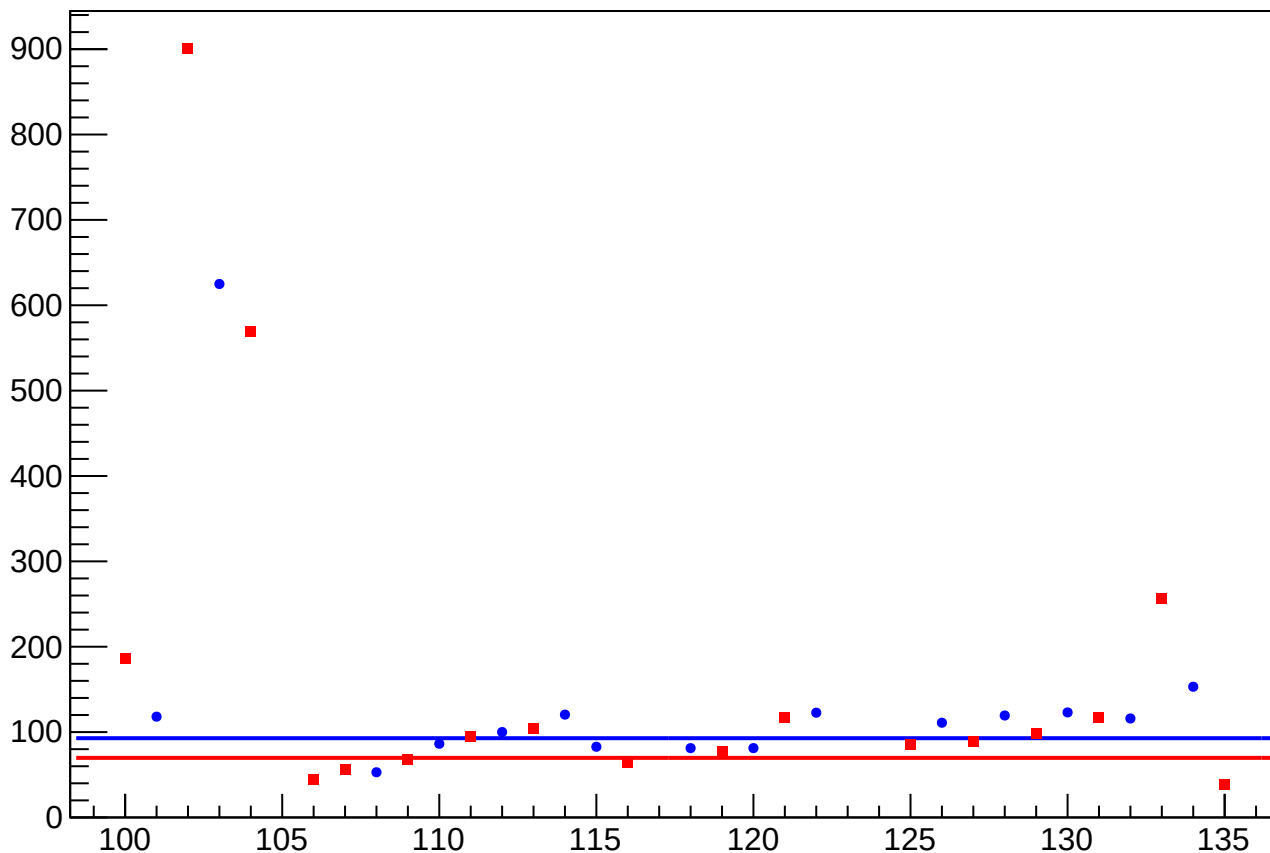
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.026 χ^2 /NDF: 20.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 92.852+/-0.029 χ^2/NDF : 1694538.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.814+/-0.023 χ^2/NDF : 3296979.4/16

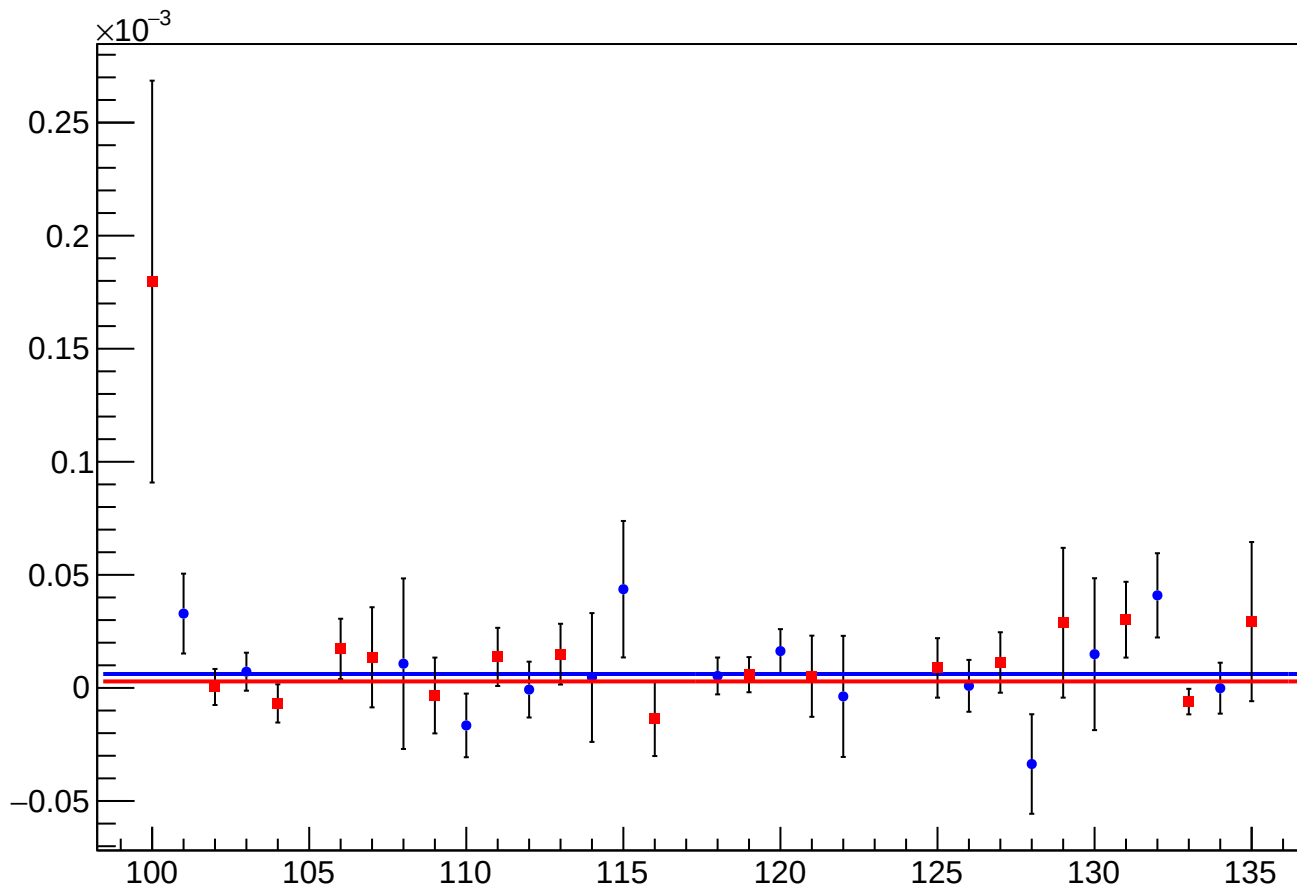
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.710+/-0.018 χ^2/NDF : 5374346.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/16

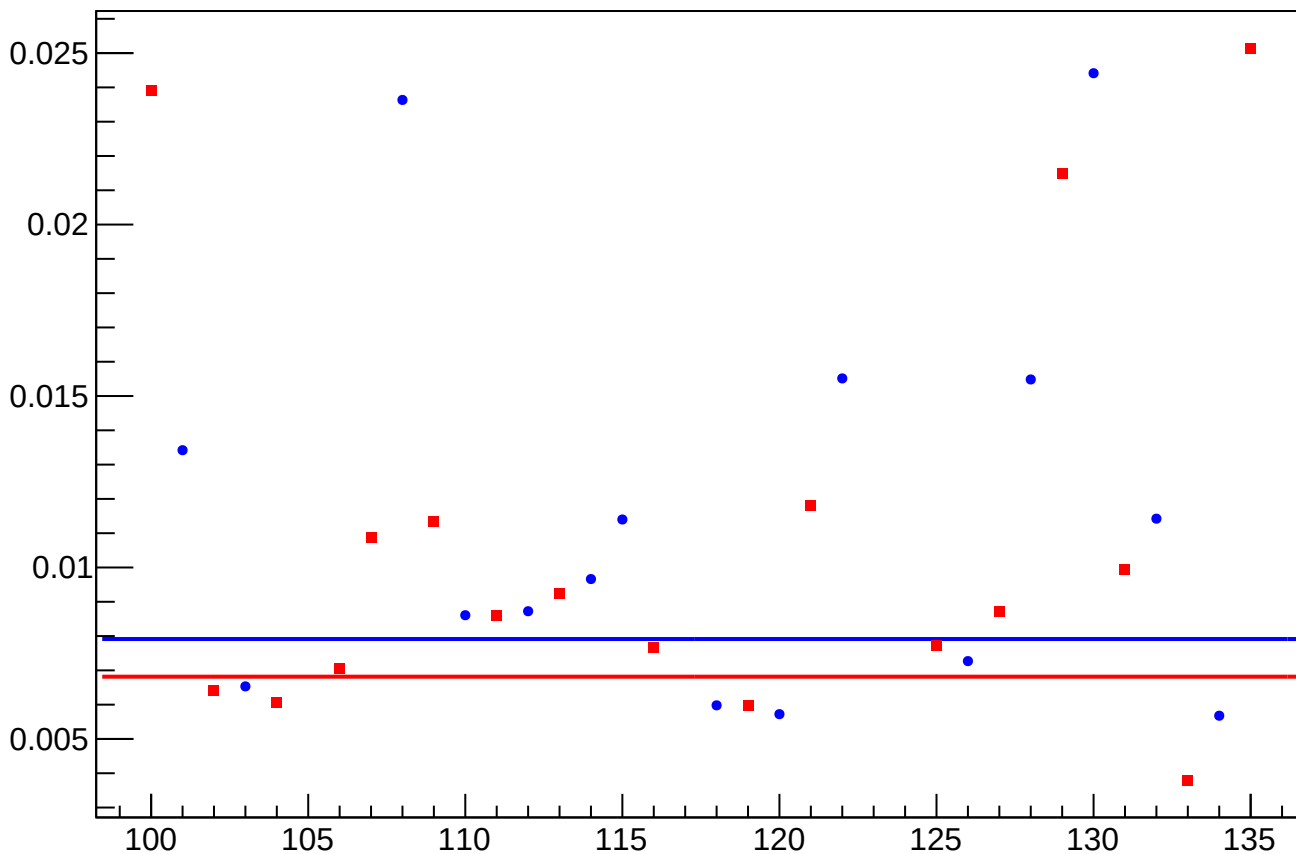
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 1894659.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 2226708.8/16

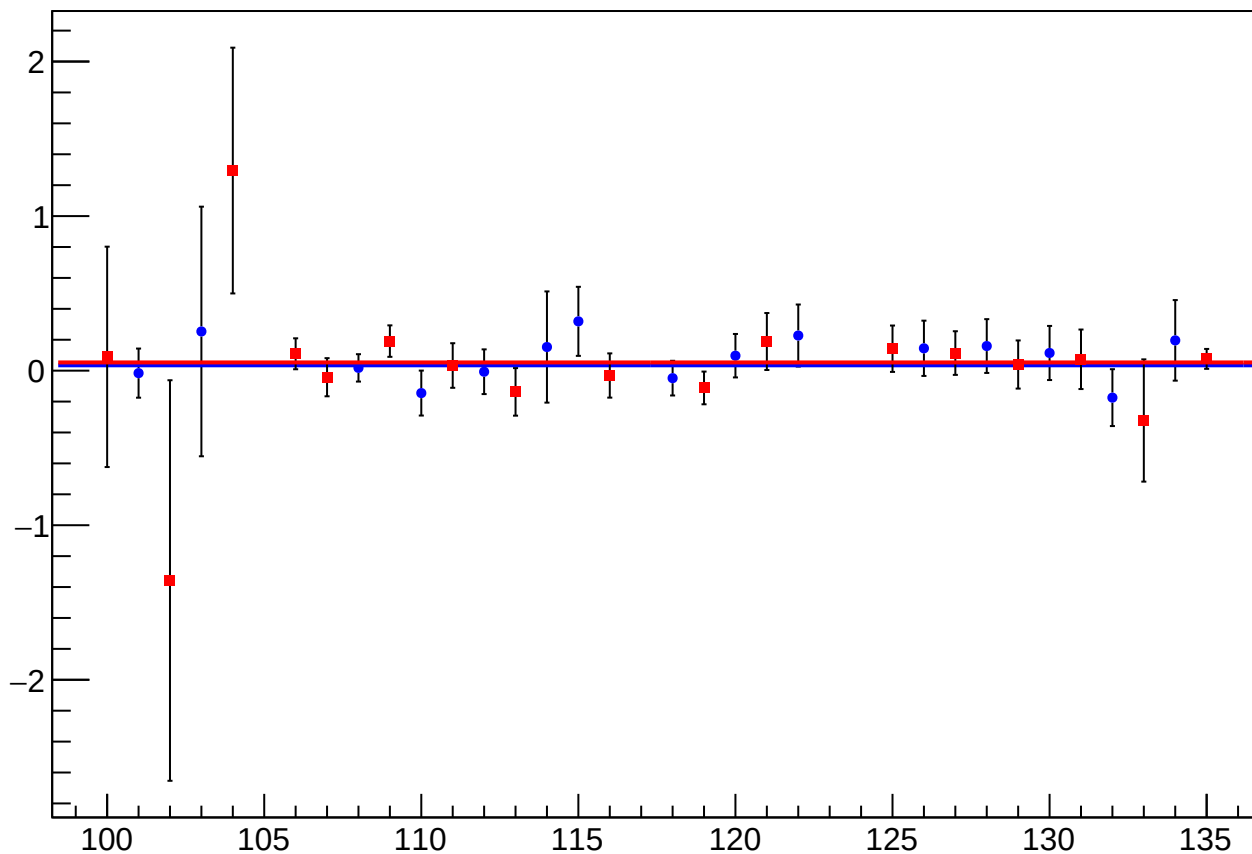
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 4239089.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.033 χ^2 /NDF: 12.8/16

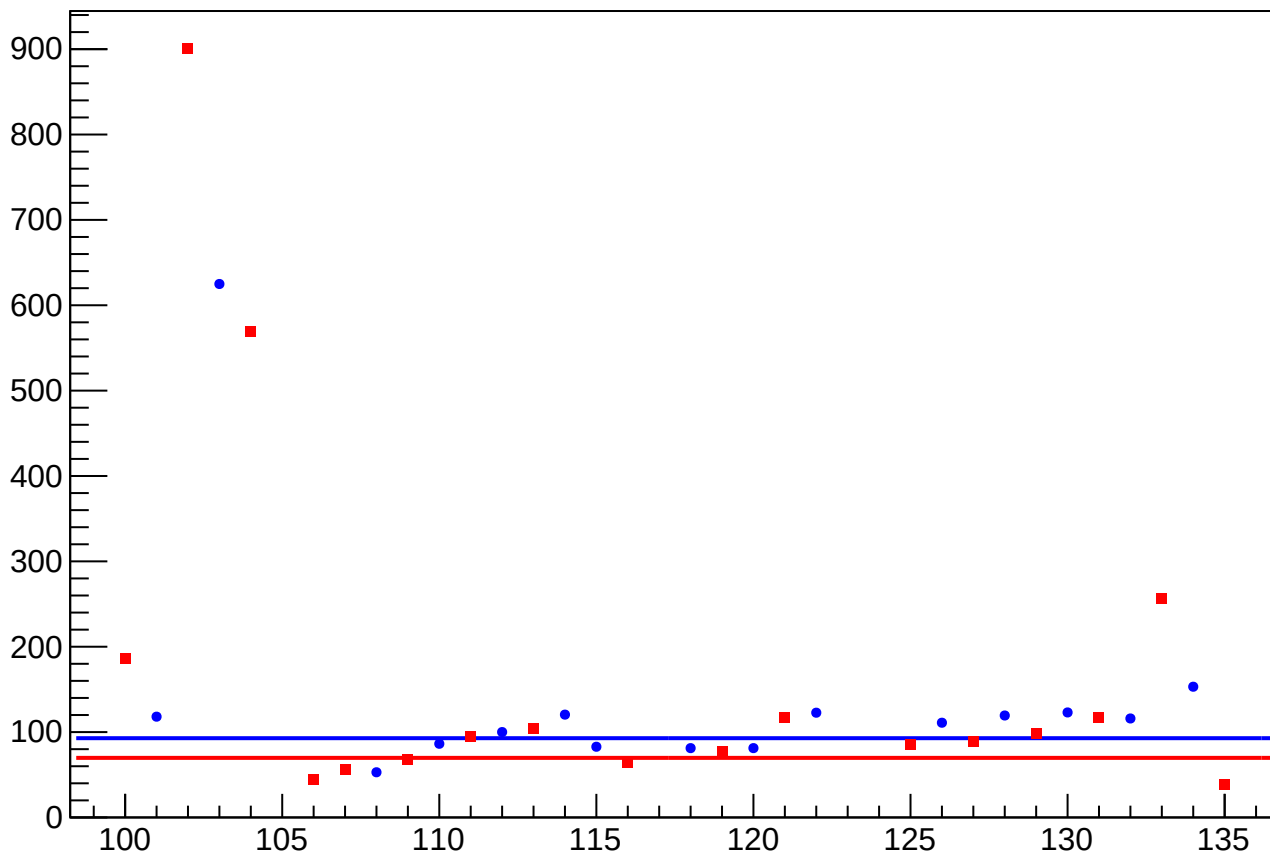
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.026 χ^2 /NDF: 20.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 92.856+/-0.029 χ^2/NDF : 1694202.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.801+/-0.023 χ^2/NDF : 3298086.3/16

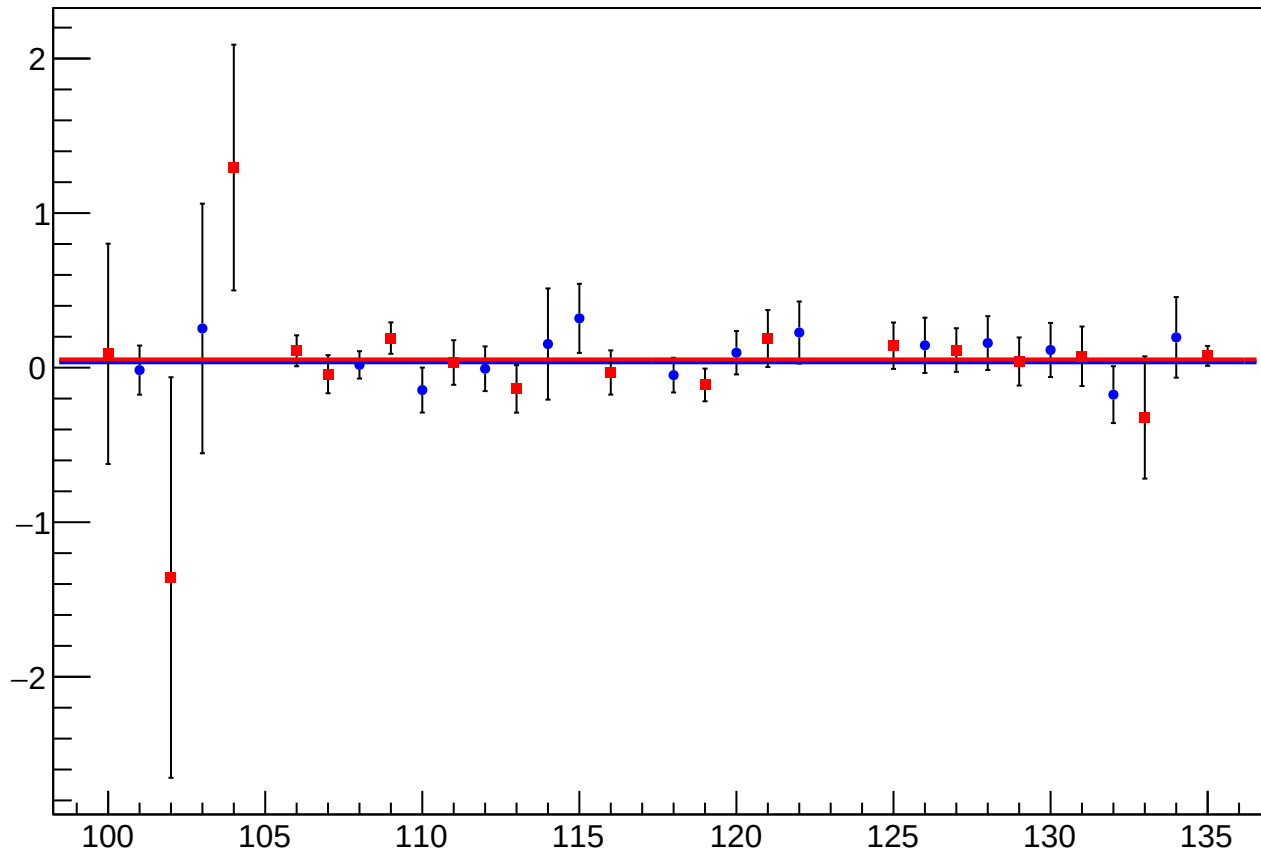
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.702+/-0.018 χ^2/NDF : 5375703.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.035 $\pm$ 0.041 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.053 $\pm$ 0.033 χ^2 /NDF: 12.8/16

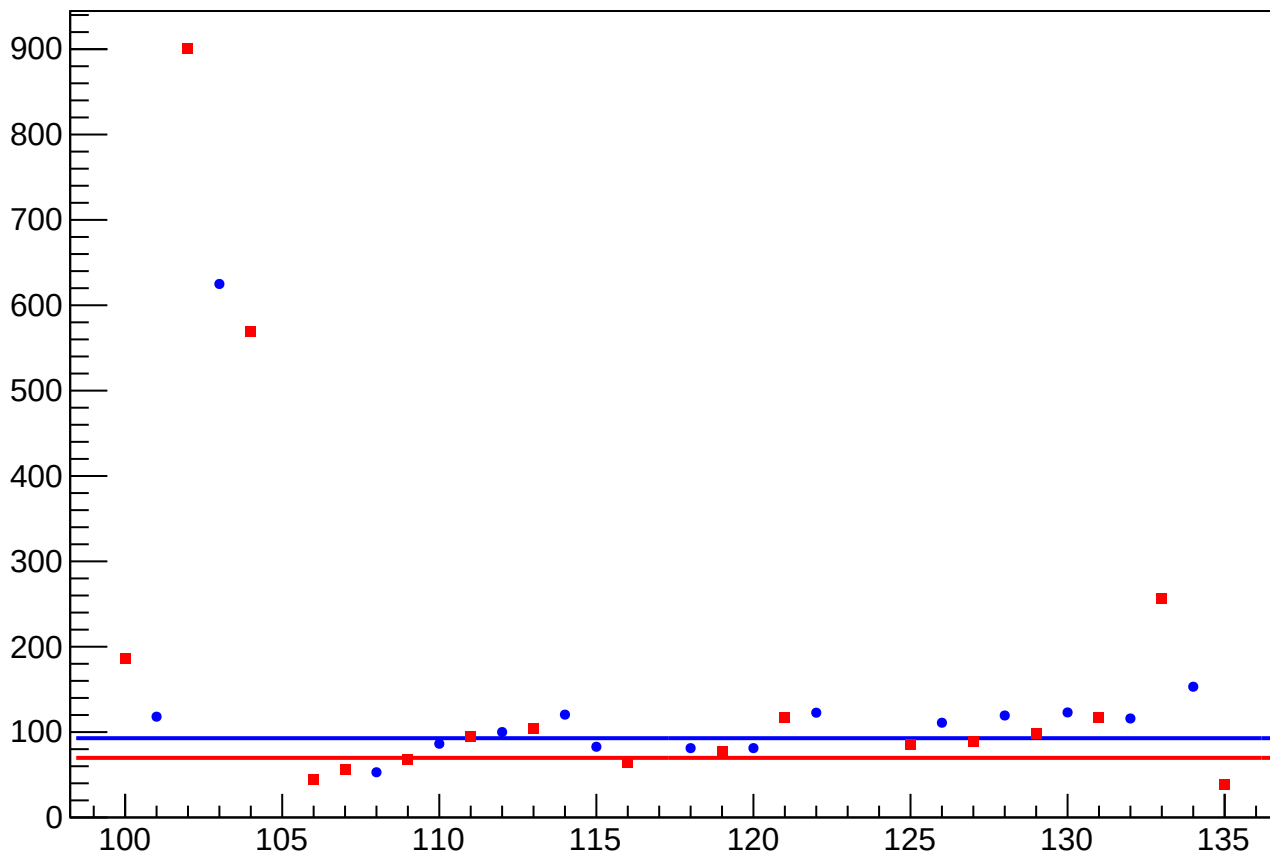
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.046 $\pm$ 0.026 χ^2 /NDF: 20.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 92.856+/-0.029 χ^2/NDF : 1694202.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.801+/-0.023 χ^2/NDF : 3298086.3/16

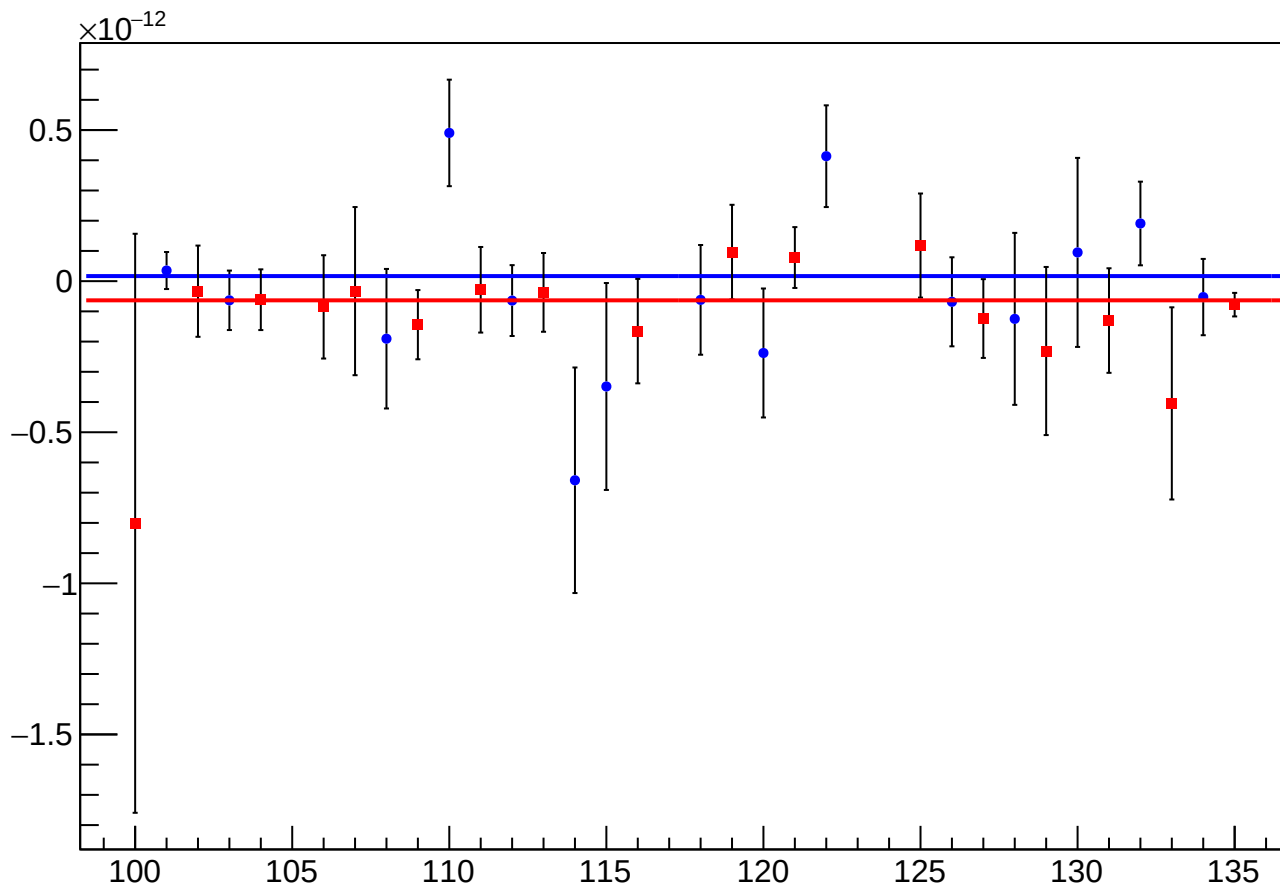
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 78.702+/-0.018 χ^2/NDF : 5375703.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/16

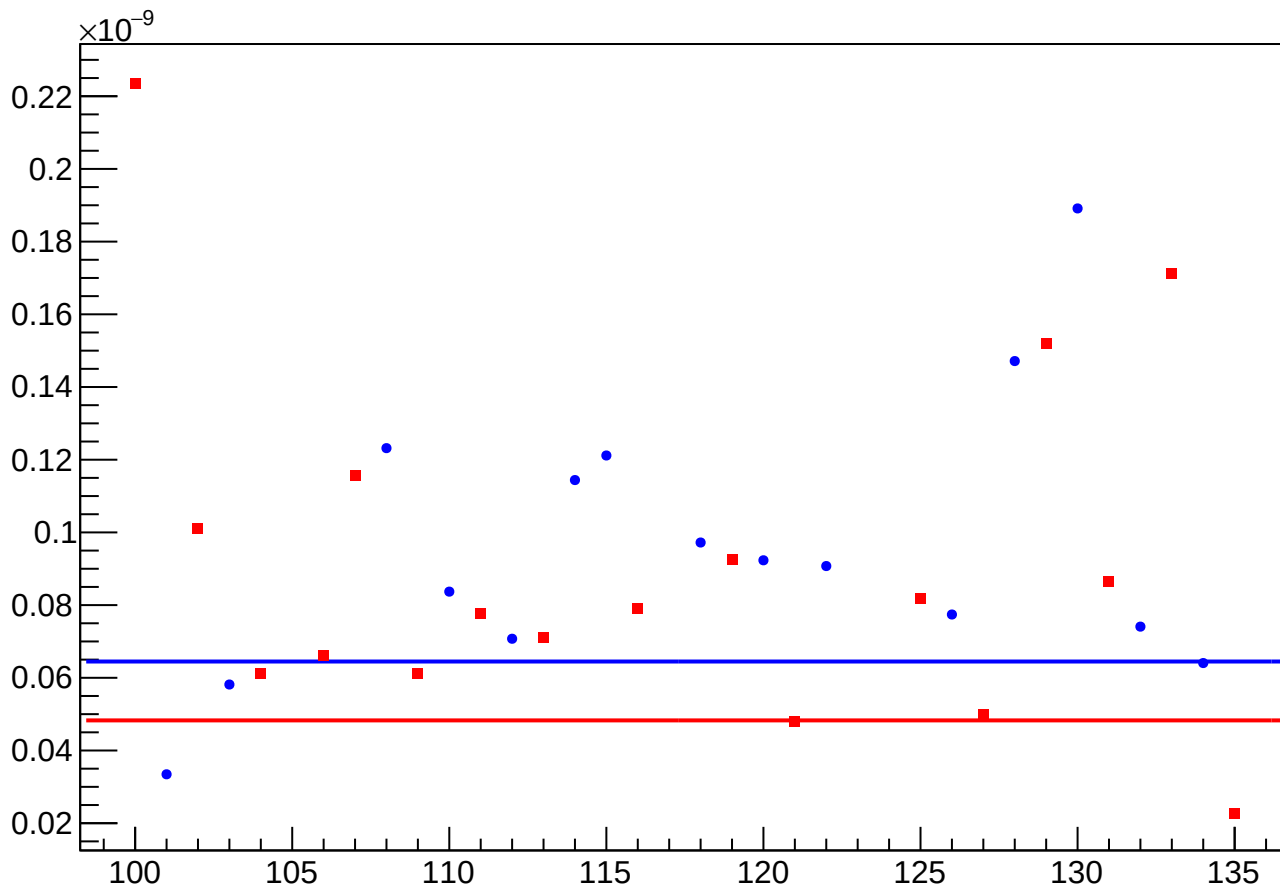
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 34.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1429326.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2496926.9/16

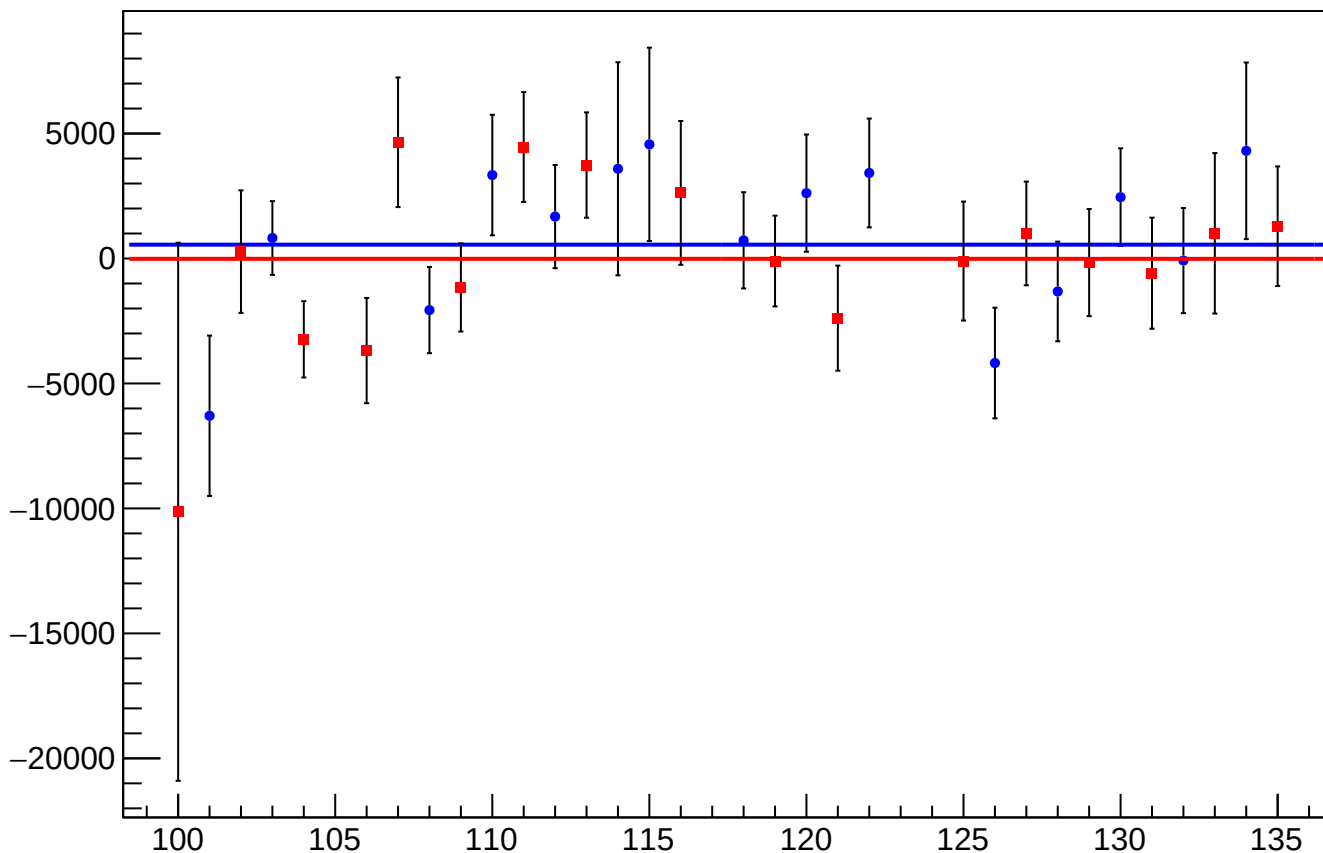
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4186182.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 553.499+/-567.248 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.044+/-535.776 χ^2/NDF : 22.2/16

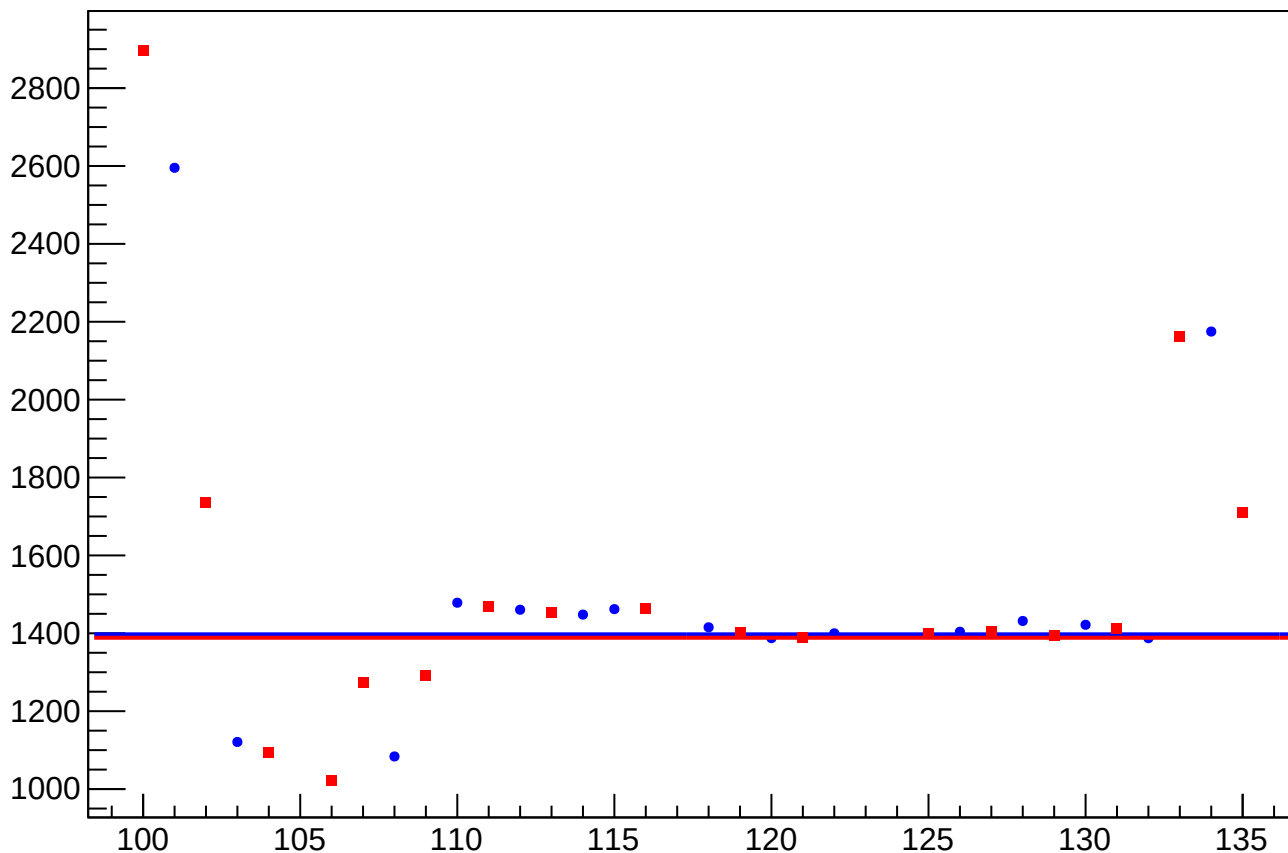
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 254.076+/-389.502 χ^2/NDF : 43.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1388.570+/-0.379 χ^2/NDF : 383099.7/16

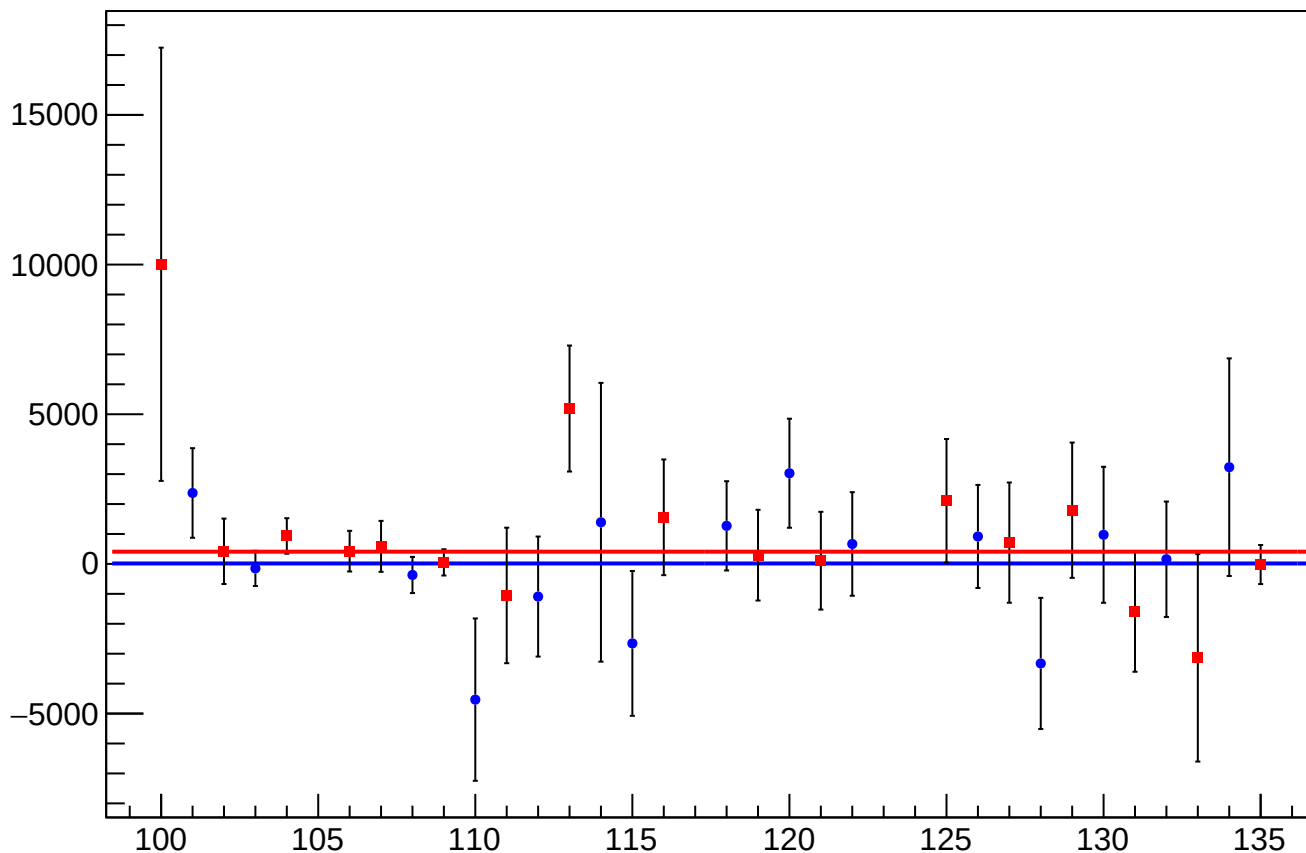
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1392.706+/-0.275 χ^2/NDF : 901529.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_mean vs Slug



Right In: 15.135+/-336.252 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 408.531+/-240.395 χ^2/NDF : 12.8/16

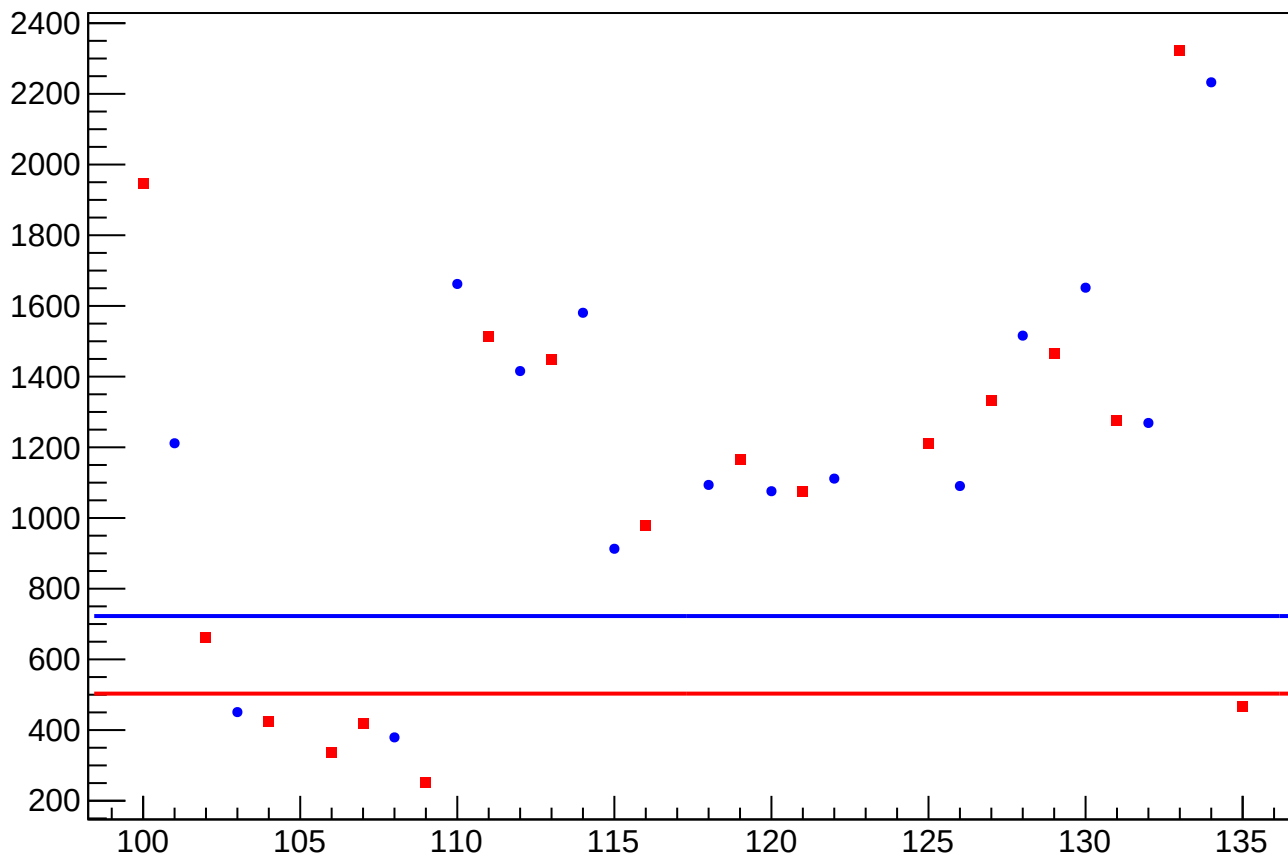
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 275.469+/-195.558 χ^2/NDF : 28.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_correction_rms vs Slug



Right In: 722.593+/-0.238 χ^2/NDF : 3338401.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 503.147+/-0.170 χ^2/NDF : 4303701.1/16

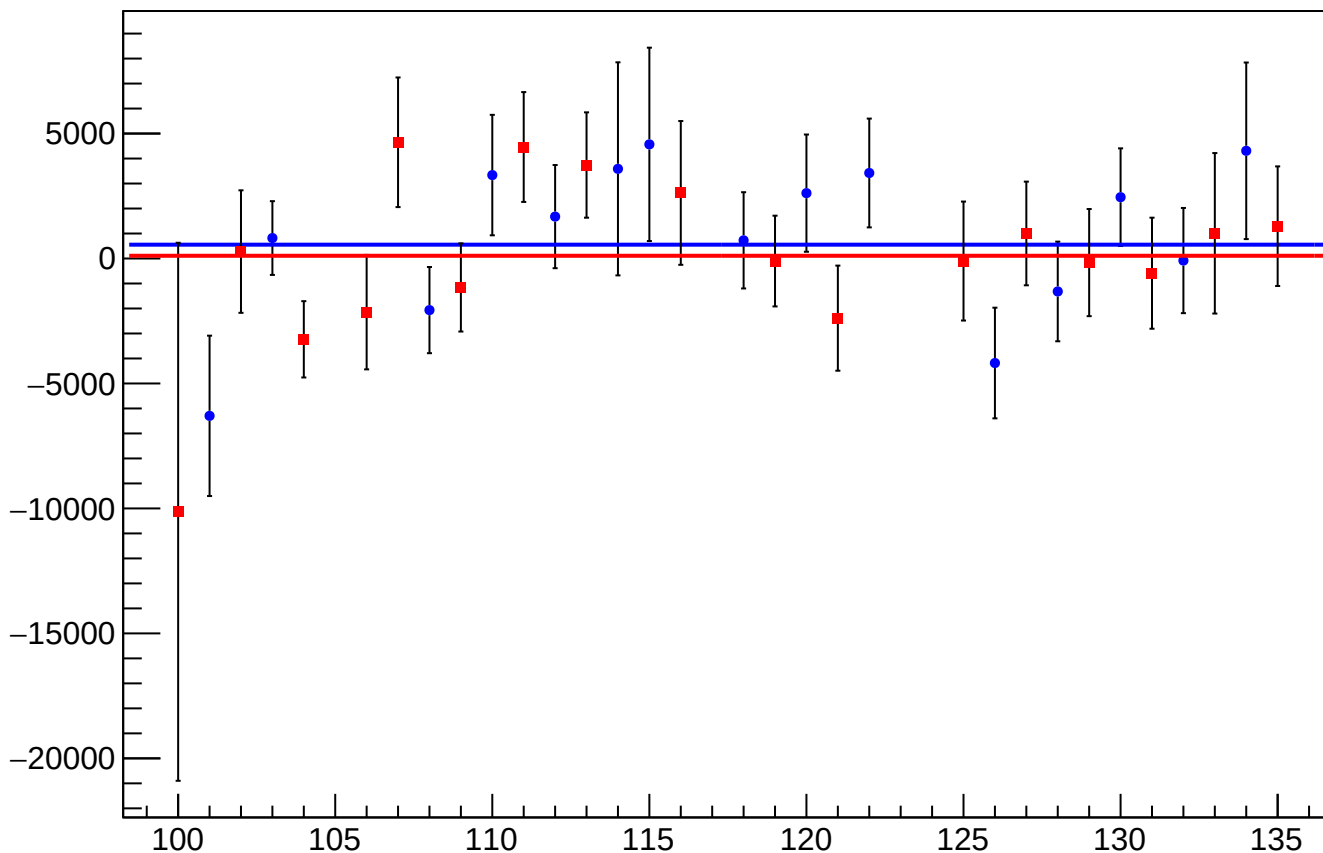
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 577.372+/-0.138 χ^2/NDF : 8205815.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.430+/-538.480 χ^2/NDF : 20.0/16

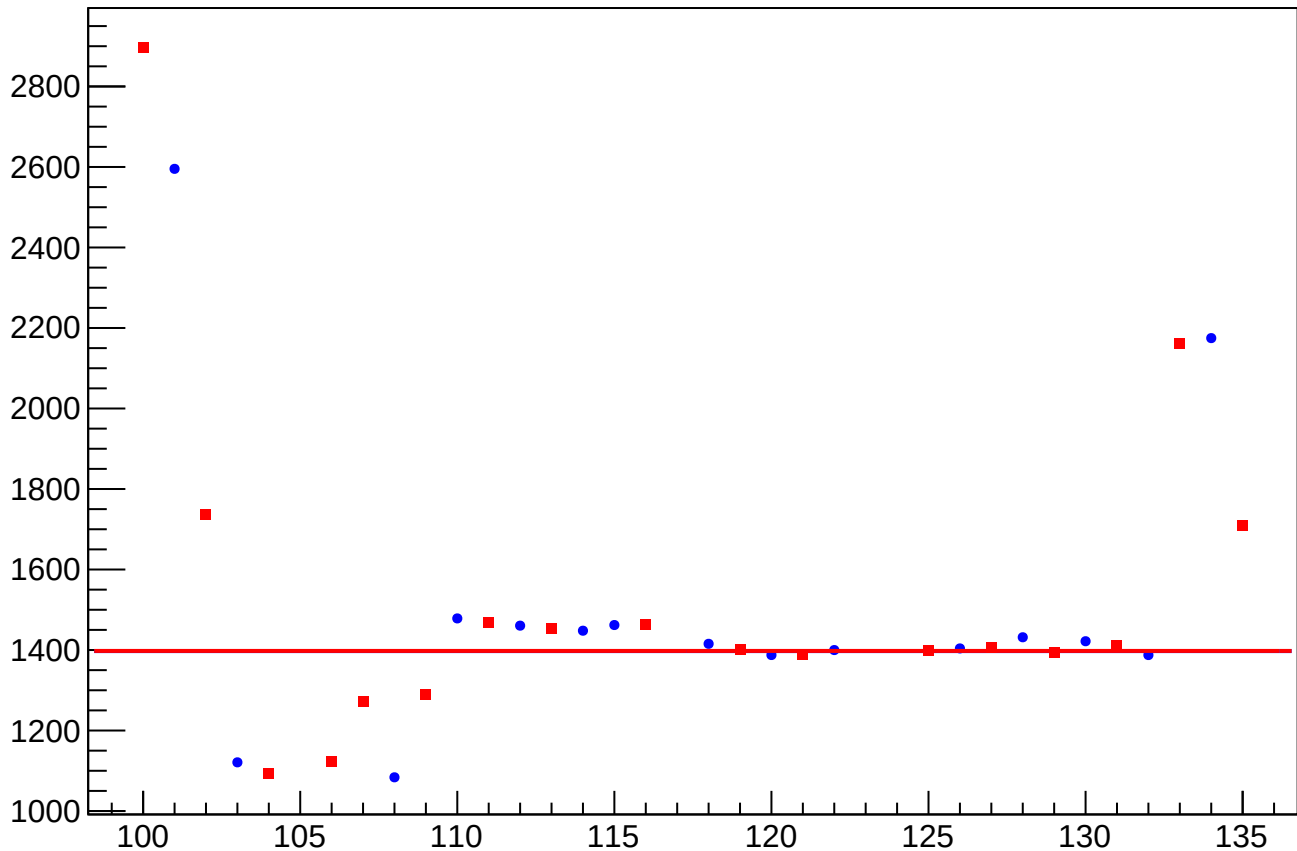
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.838+/-390.537 χ^2/NDF : 40.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.755+/-0.381 χ^2/NDF : 349254.1/16

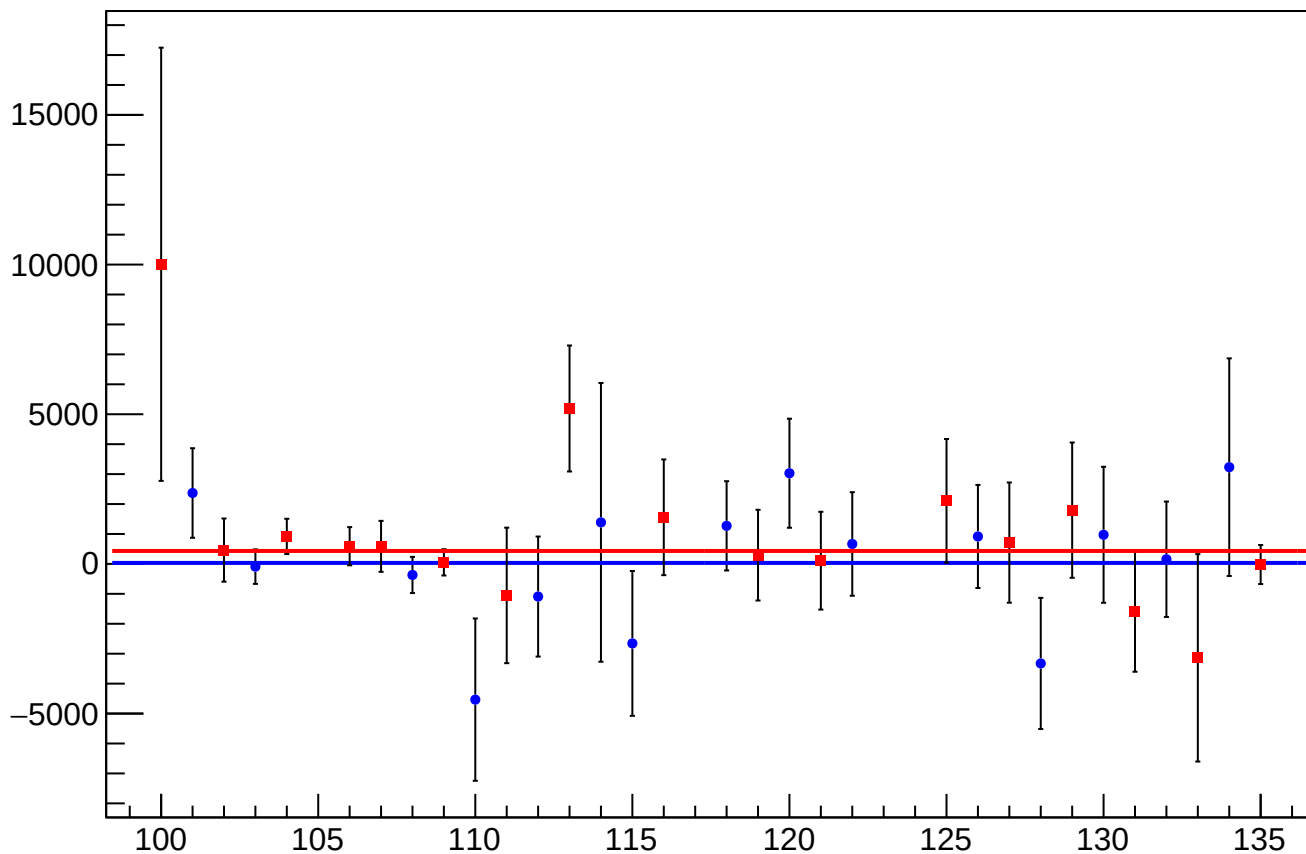
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.560+/-0.276 χ^2/NDF : 867431.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_mean vs Slug



Right In: 33.060 $\pm$ 334.120 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 432.555 $\pm$ 237.795 χ^2 /NDF: 12.8/16

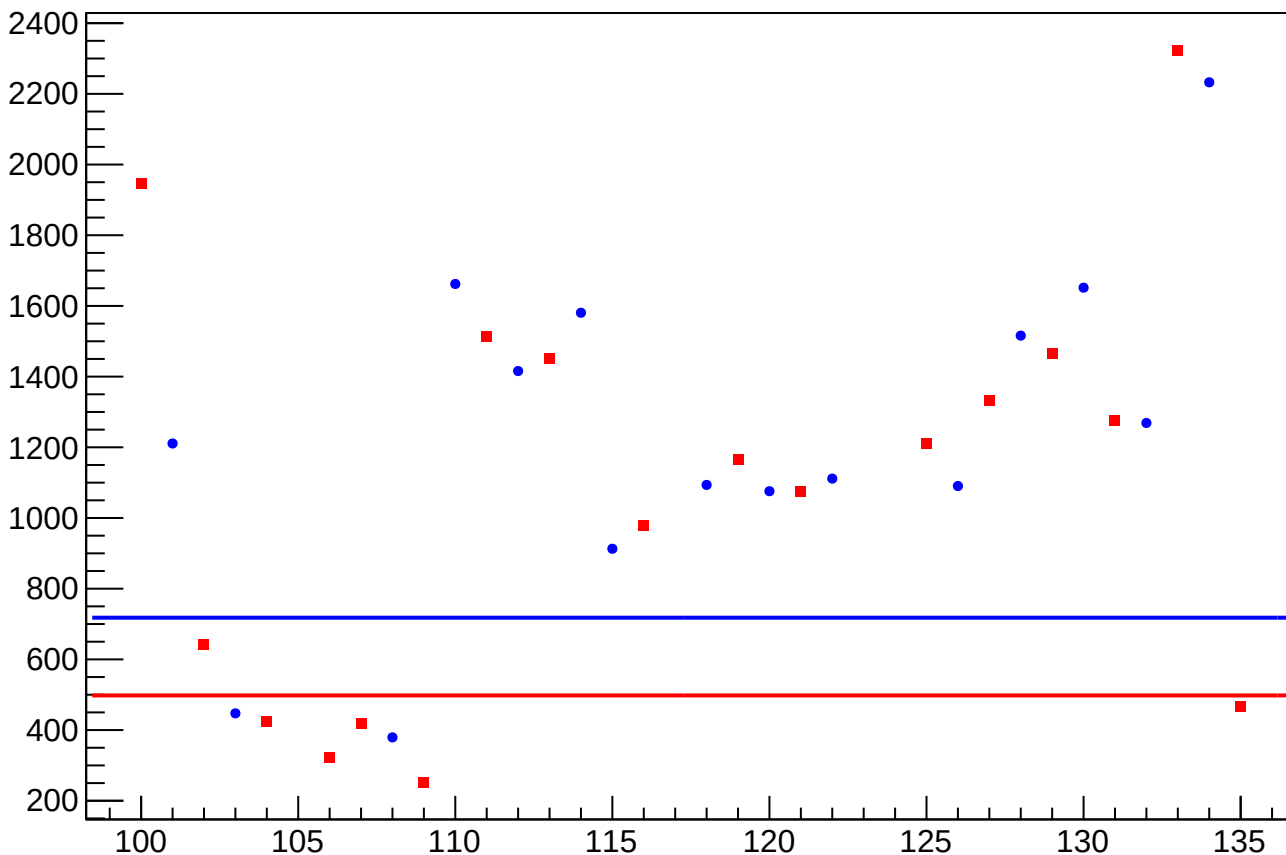
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 298.237 $\pm$ 193.738 χ^2 /NDF: 28.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_cor_correction_rms vs Slug



Right In: 717.957+/-0.236 χ^2/NDF : 3366149.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.956+/-0.168 χ^2/NDF : 4333091.9/16

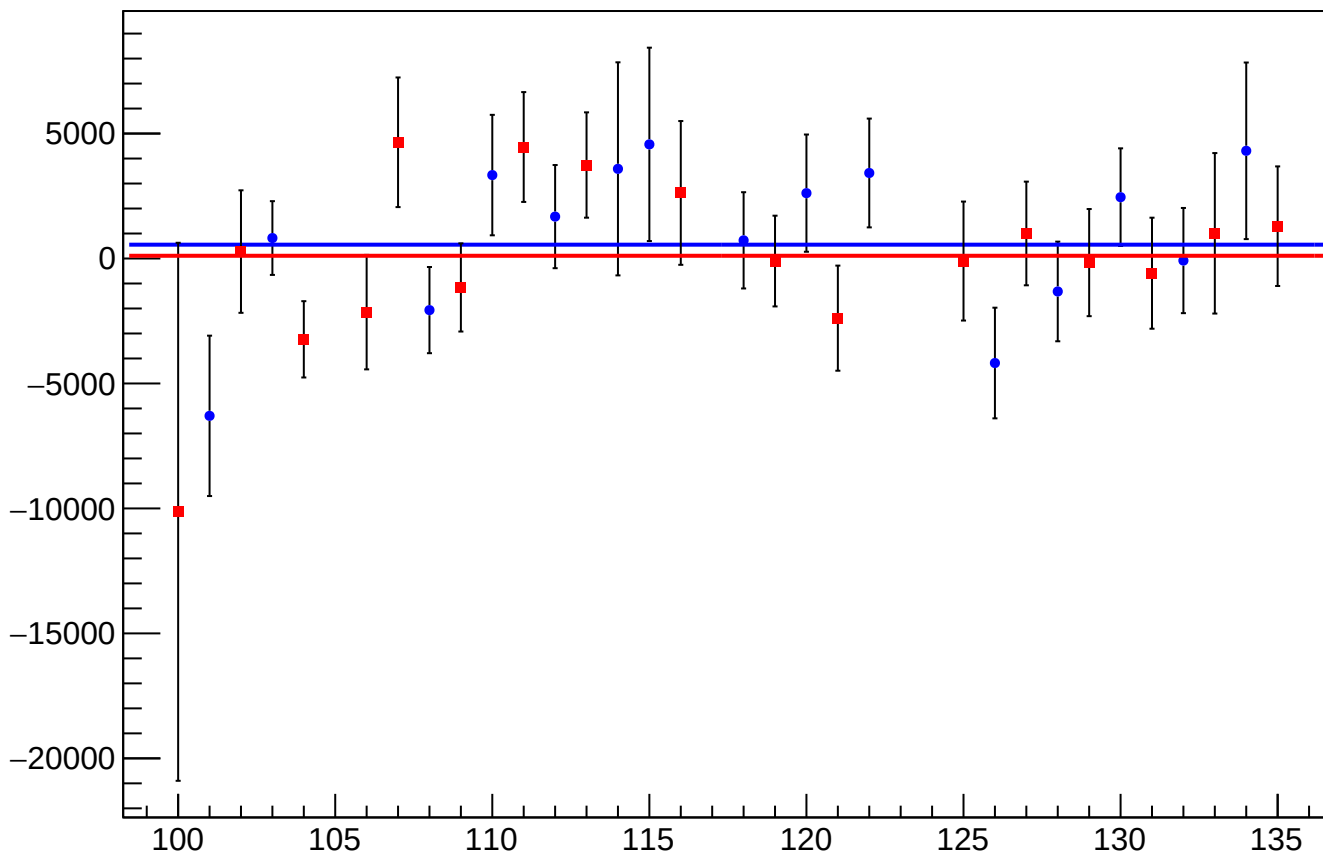
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.925+/-0.137 χ^2/NDF : 8274809.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 553.328+/-567.248 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.430+/-538.480 χ^2/NDF : 20.0/16

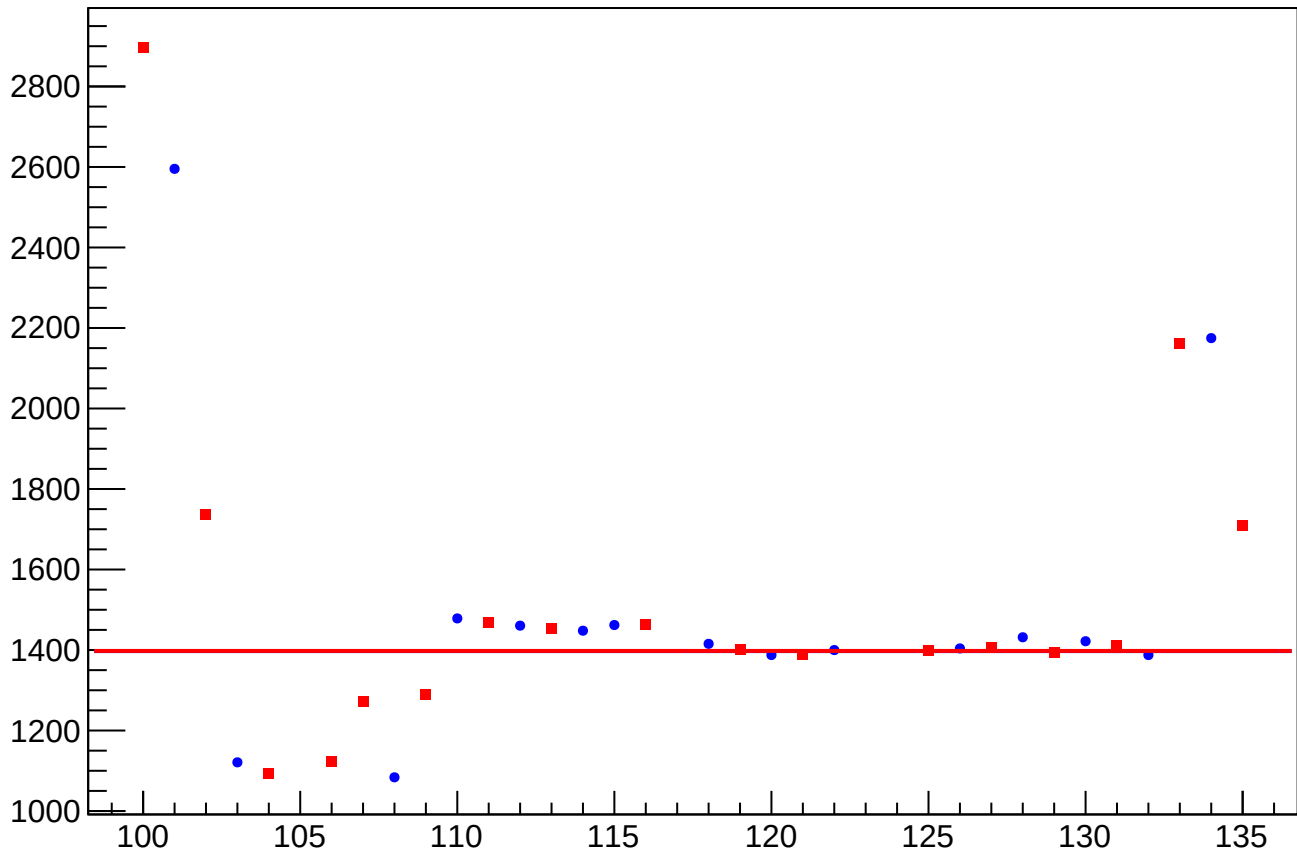
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.838+/-390.537 χ^2/NDF : 40.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1397.343+/-0.401 χ^2/NDF : 518176.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1397.755+/-0.381 χ^2/NDF : 349254.1/16

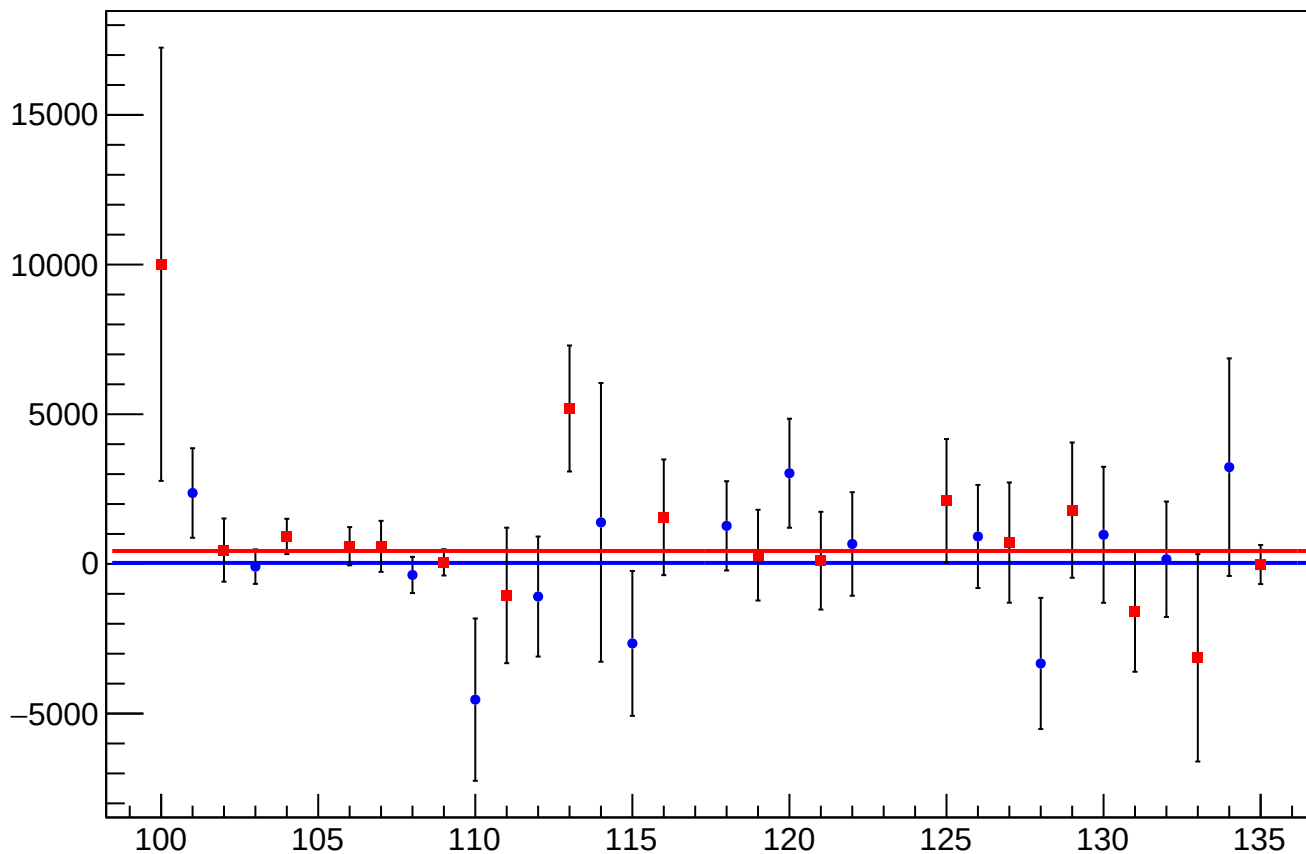
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1397.560+/-0.276 χ^2/NDF : 867431.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 33.060+/-334.120 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 432.555+/-237.795 χ^2/NDF : 12.8/16

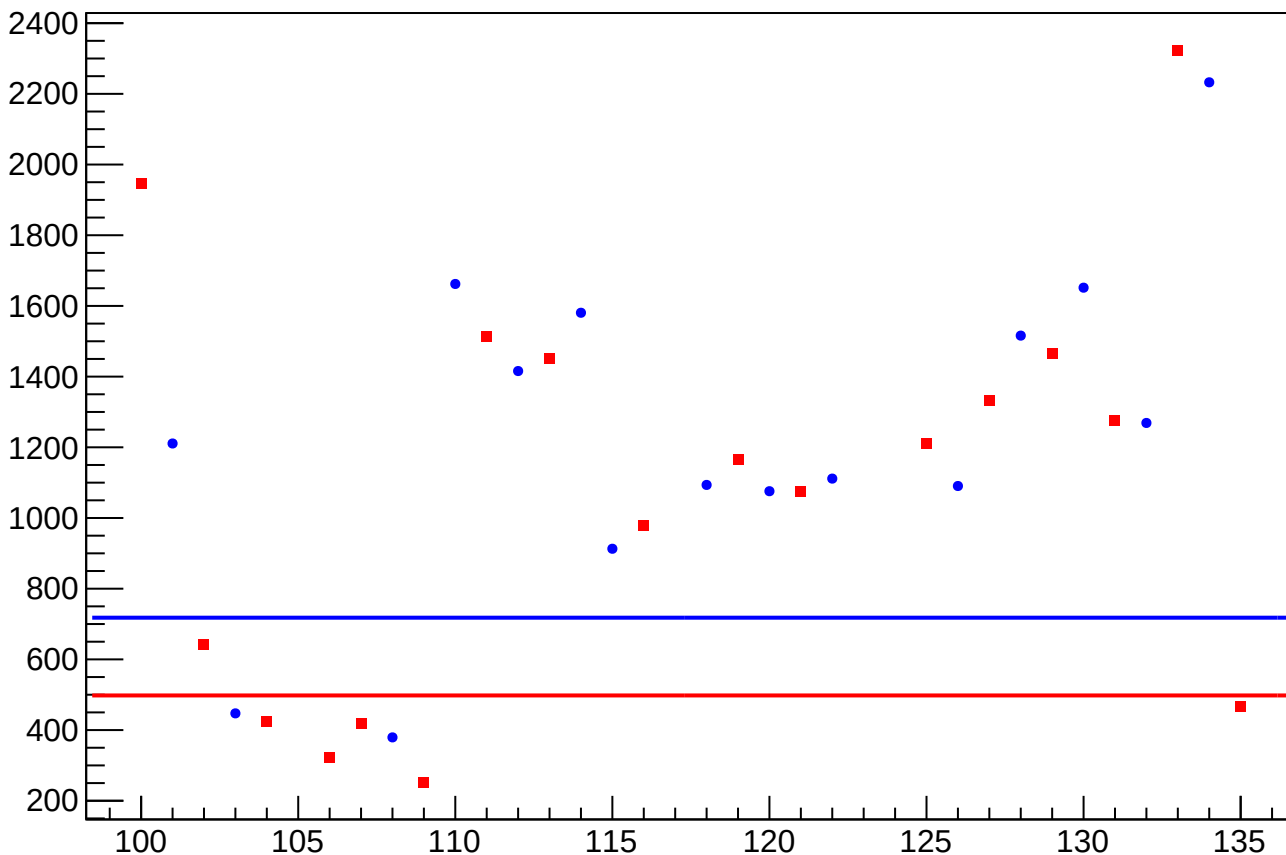
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.237+/-193.738 χ^2/NDF : 28.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 717.957+/-0.236 χ^2/NDF : 3366149.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 497.956+/-0.168 χ^2/NDF : 4333091.9/16

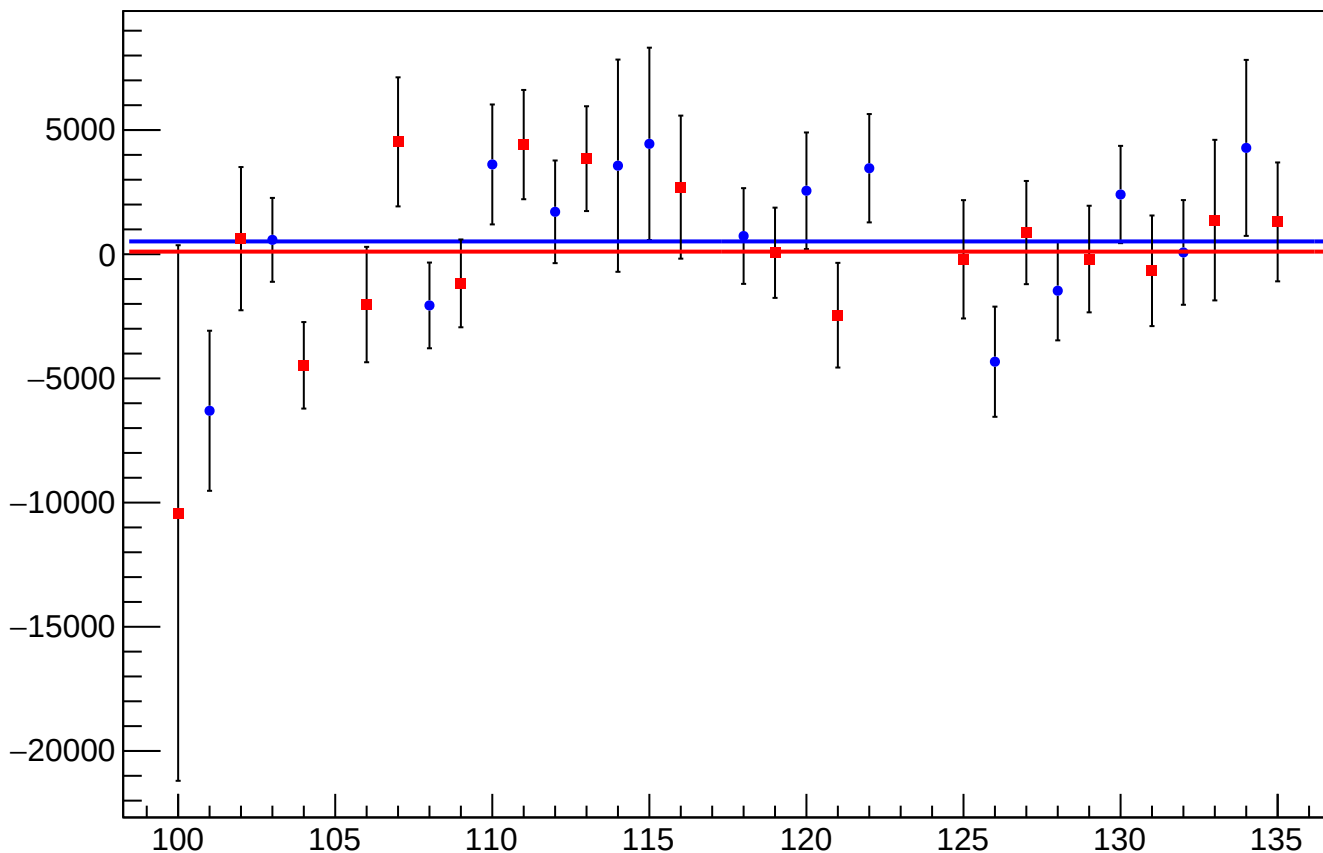
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 571.925+/-0.137 χ^2/NDF : 8274809.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 515.539+/-578.341 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.016+/-551.408 χ^2/NDF : 22.1/16

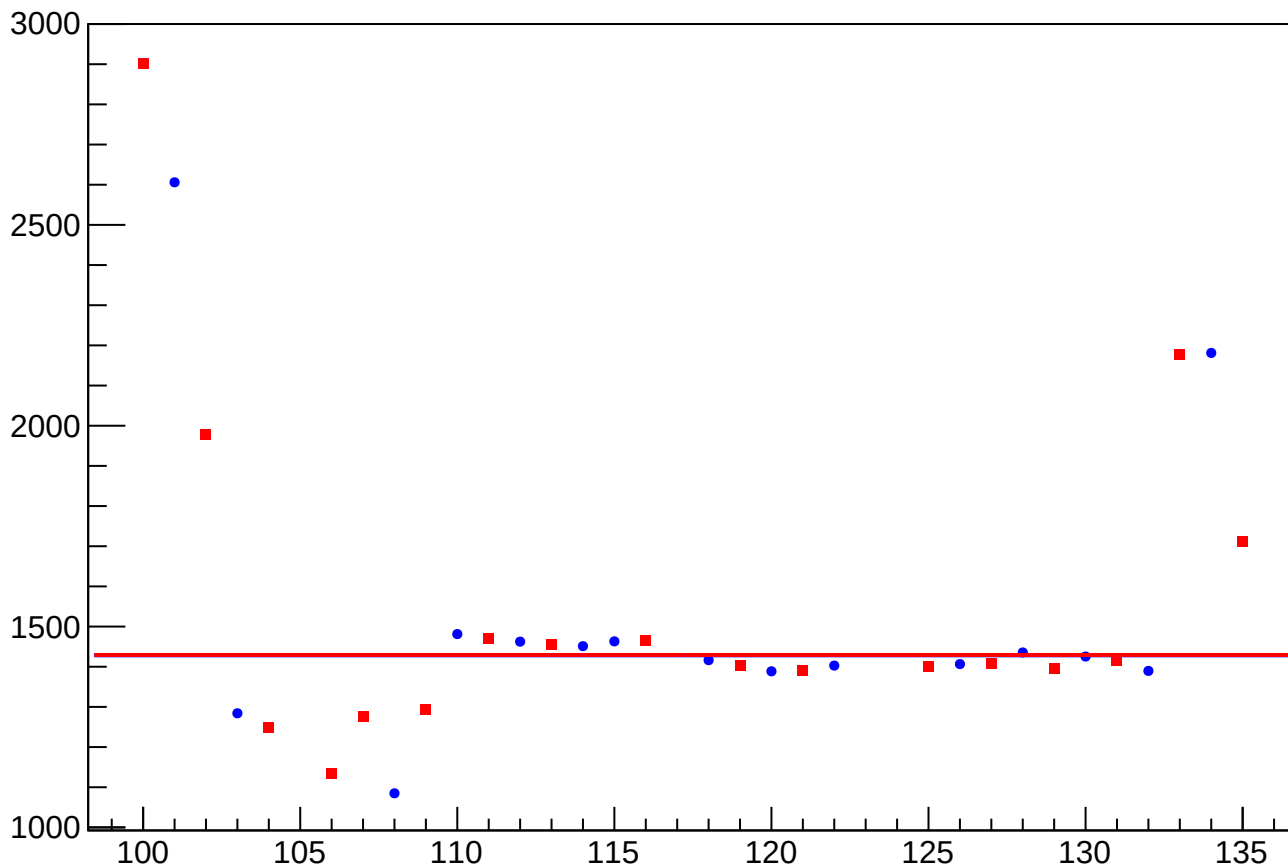
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.496+/-399.086 χ^2/NDF : 43.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1428.436 $\pm$ 0.409 χ^2 /NDF: 454752.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1429.262 $\pm$ 0.390 χ^2 /NDF: 320883.4/16

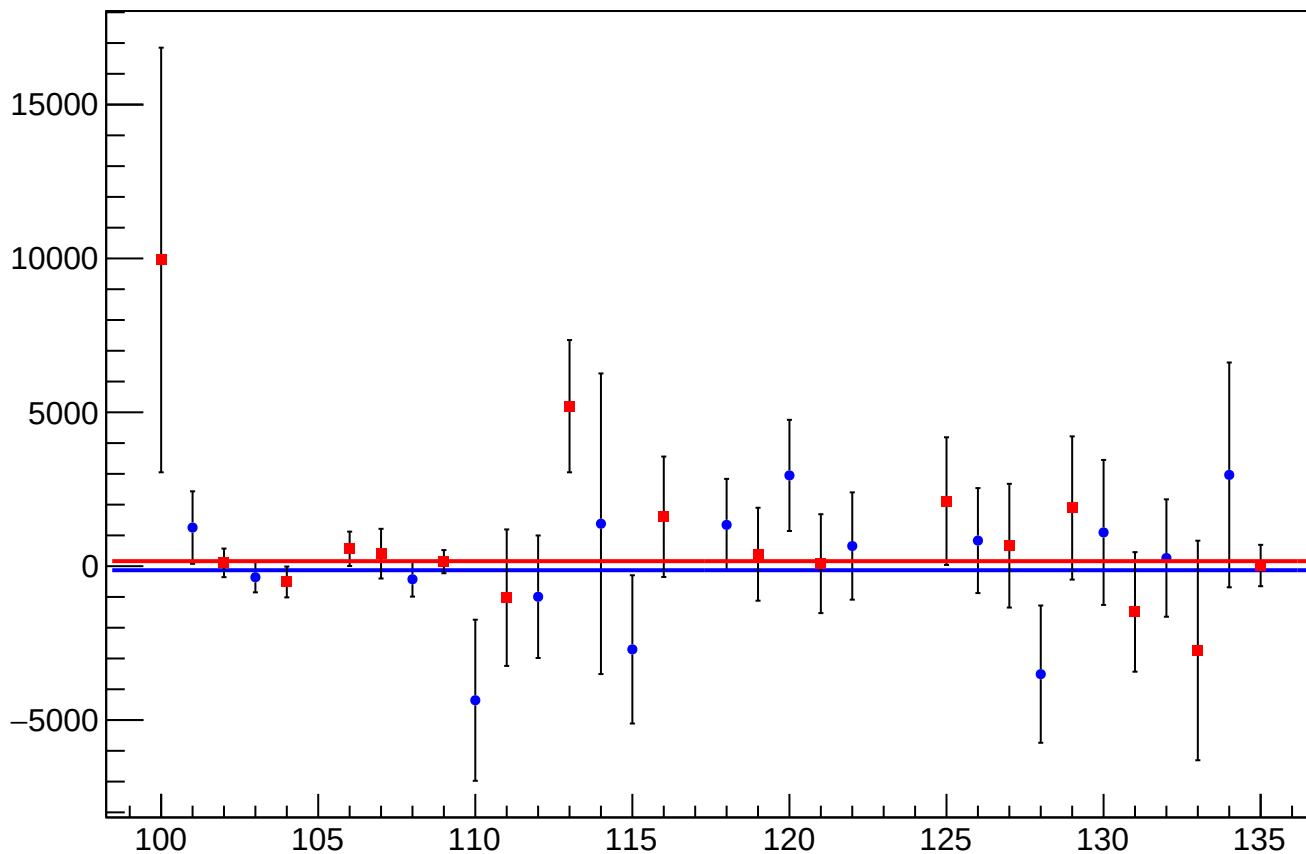
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1428.869 $\pm$ 0.282 χ^2 /NDF: 775637.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_mean vs Slug



Right In: -131.555 ± 304.663 χ^2/NDF : 13.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 163.501 ± 199.369 χ^2/NDF : 13.7/16

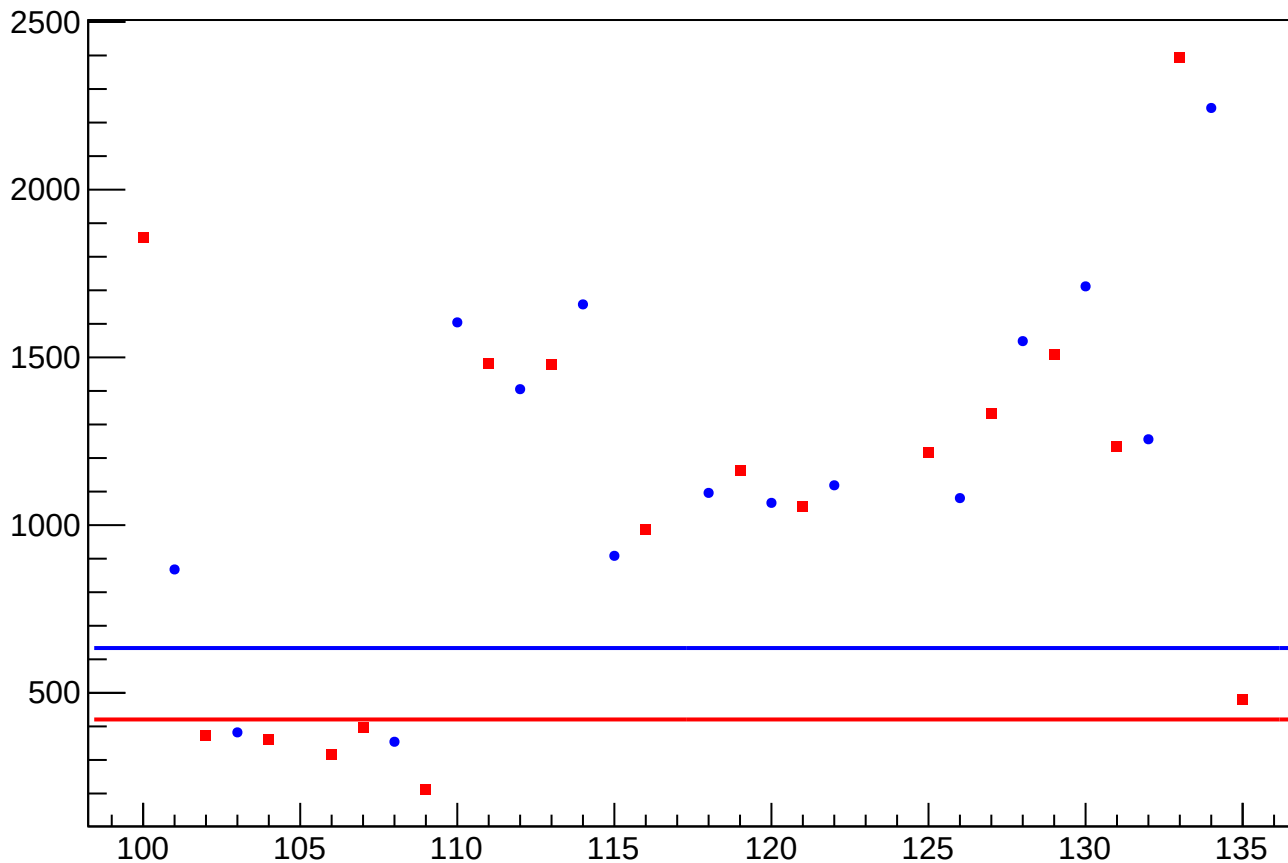
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 75.034 ± 166.824 χ^2/NDF : 28.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_correction_rms vs Slug



Right In: 633.628+/-0.215 χ^2/NDF : 3738060.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 420.706+/-0.141 χ^2/NDF : 4852571.0/16

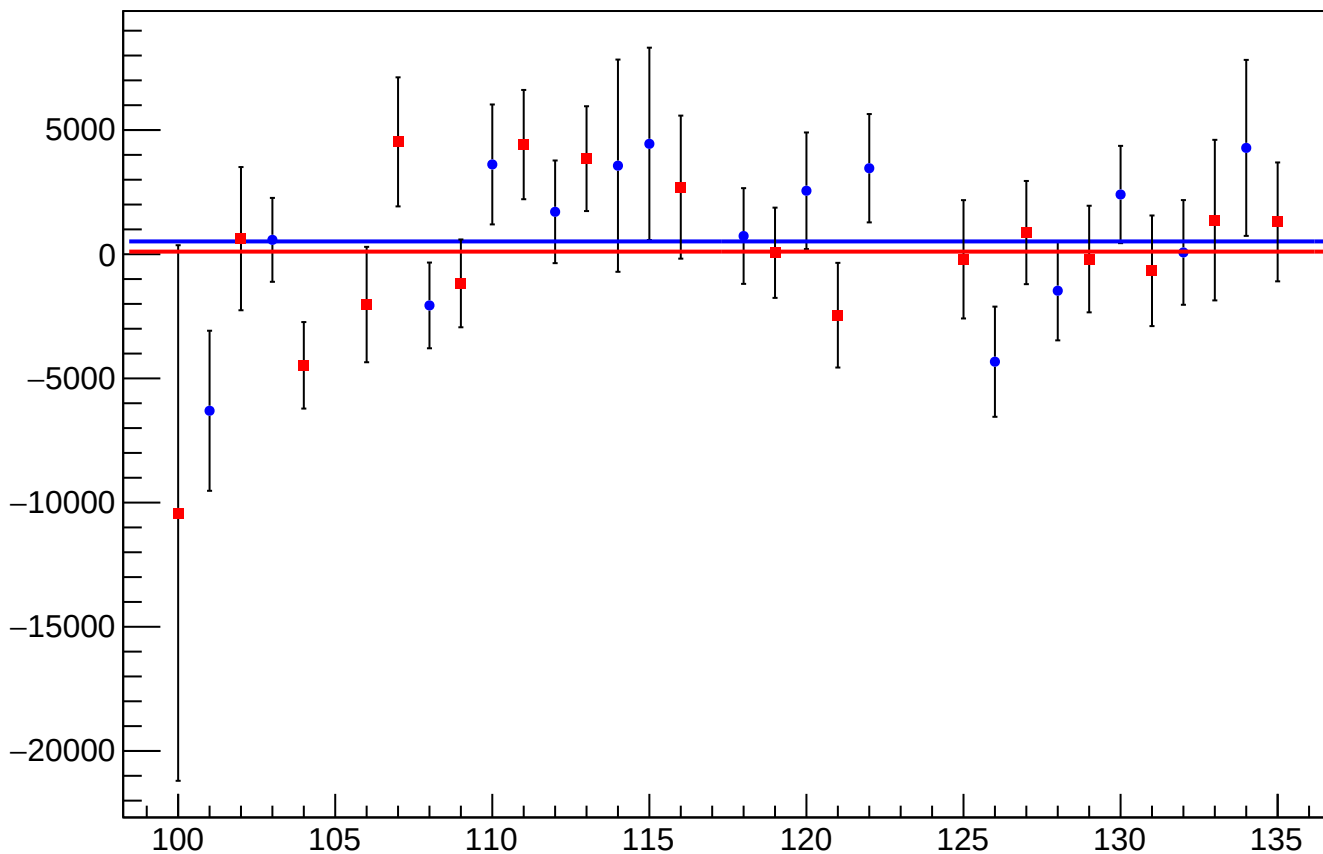
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 484.547+/-0.118 χ^2/NDF : 9274596.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 515.532+/-578.341 χ^2/NDF : 20.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.013+/-551.408 χ^2/NDF : 22.1/16

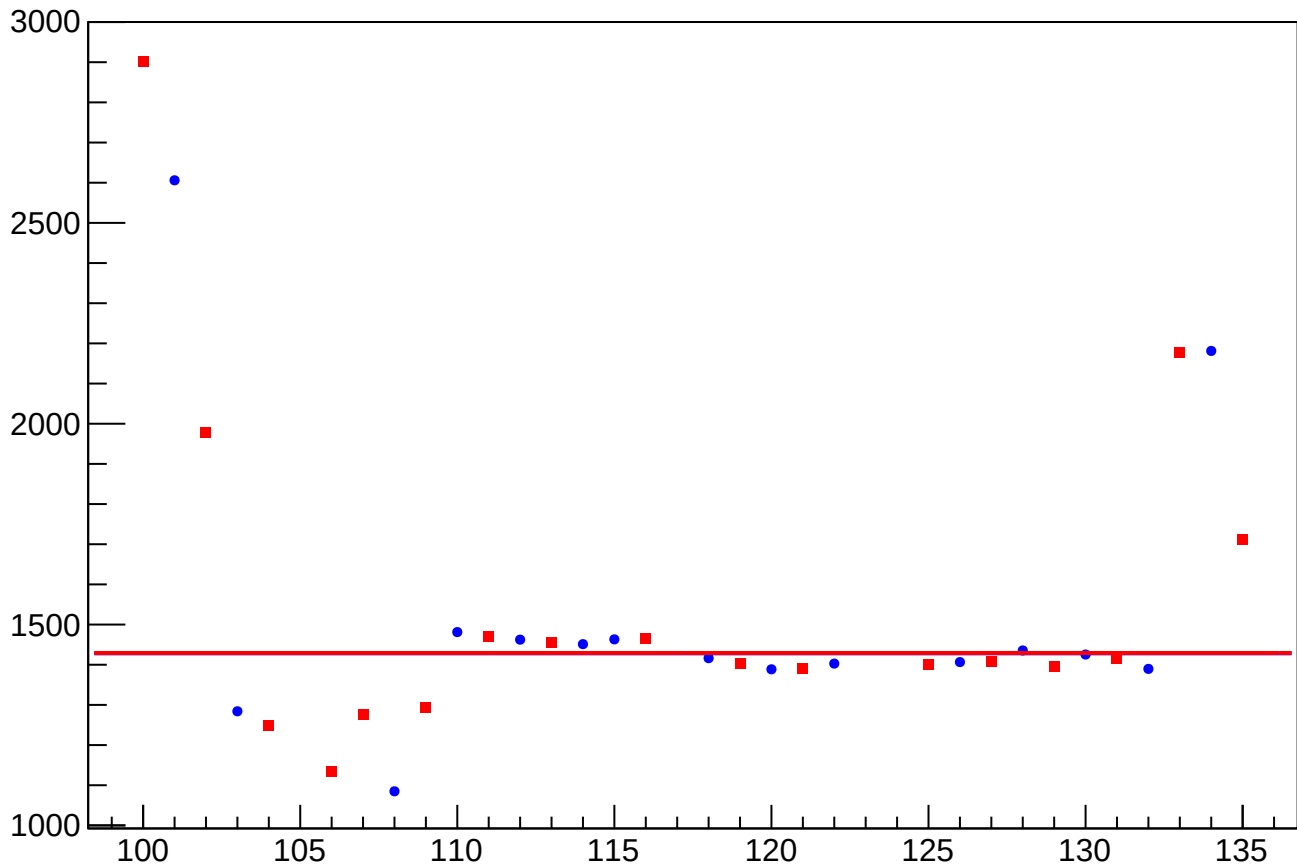
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 300.491+/-399.086 χ^2/NDF : 43.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1428.436 $\pm$ 0.409 χ^2 /NDF: 454751.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1429.262 $\pm$ 0.390 χ^2 /NDF: 320883.5/16

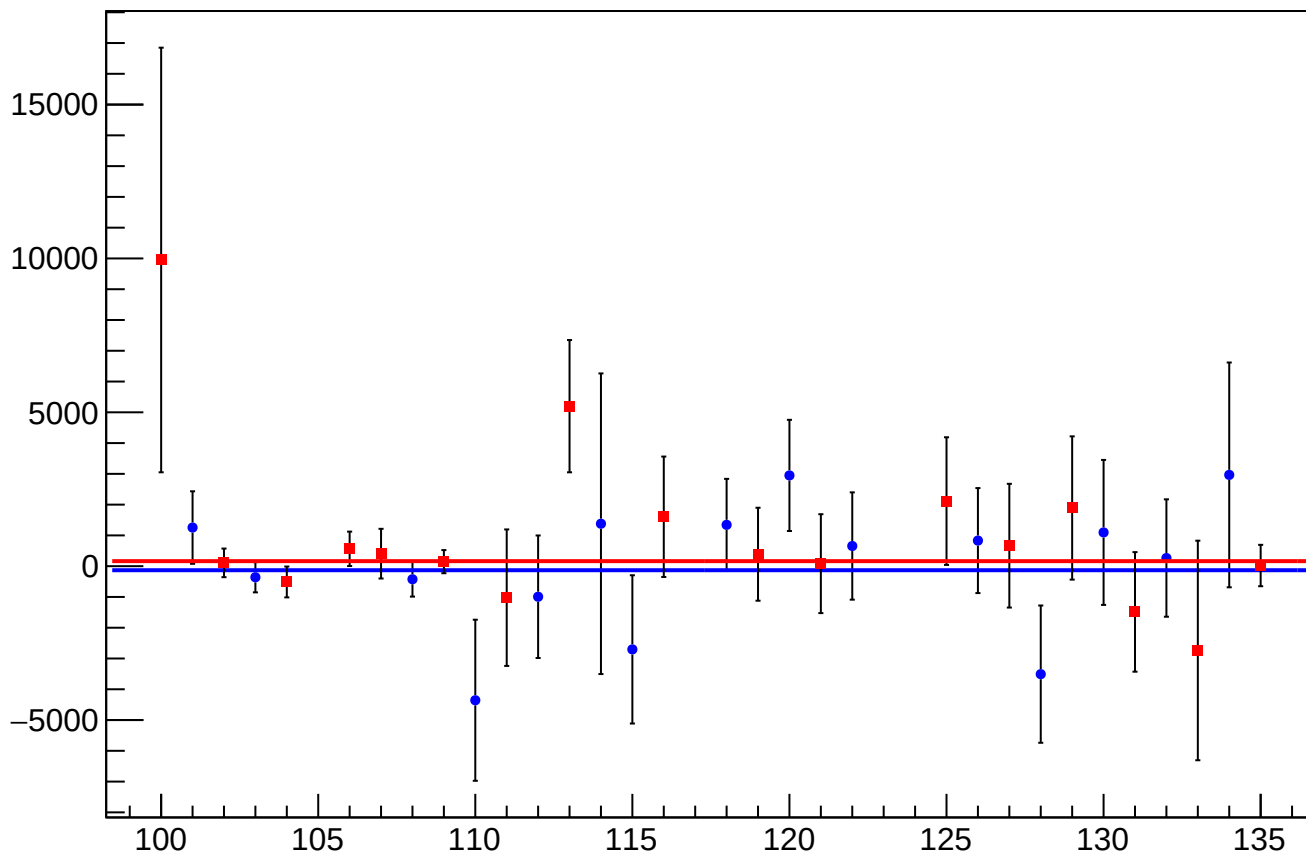
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1428.869 $\pm$ 0.282 χ^2 /NDF: 775637.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: -131.564+/-304.659 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 163.494+/-199.370 χ^2/NDF : 13.7/16

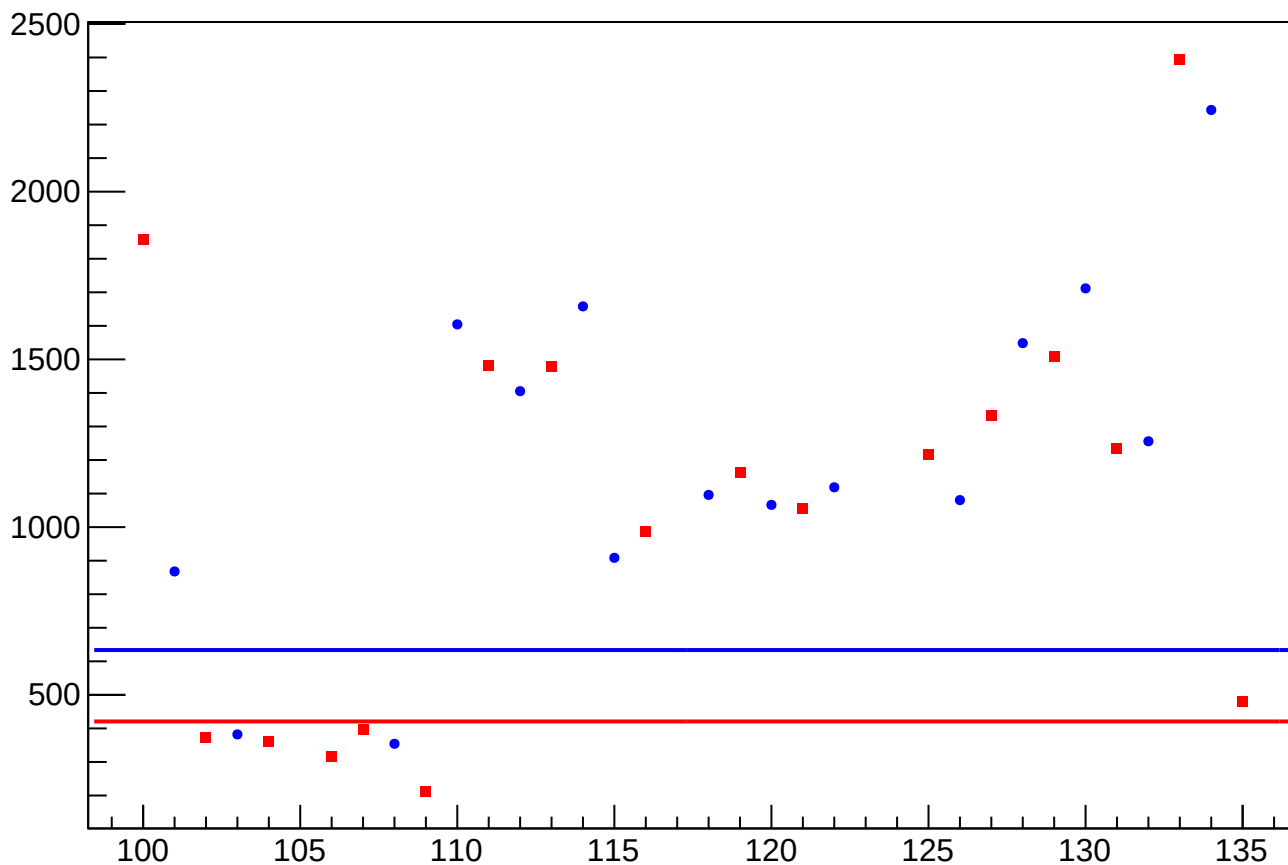
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.024+/-166.824 χ^2/NDF : 28.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 633.618 ± 0.215 χ^2/NDF : 3738135.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 420.711 ± 0.141 χ^2/NDF : 4852488.1/16

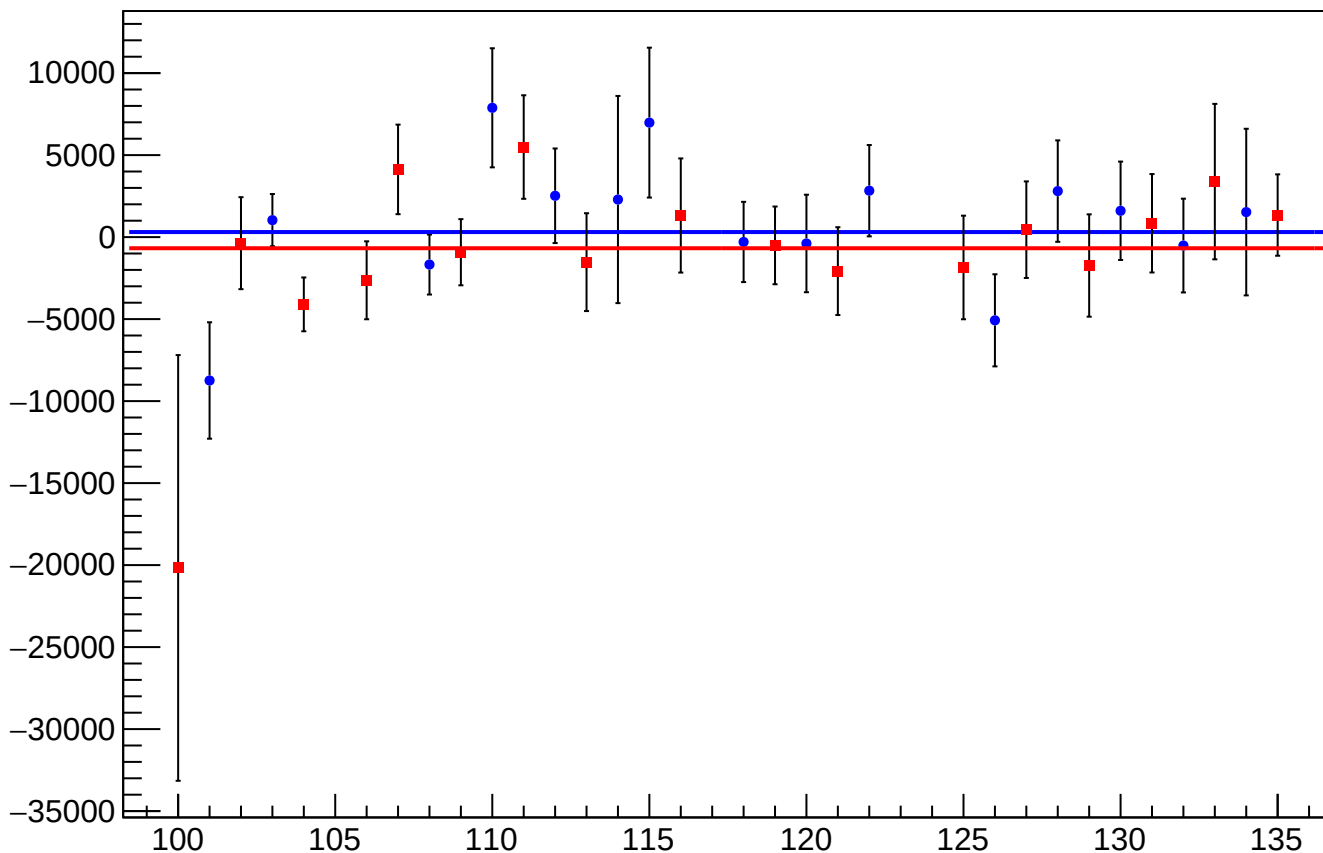
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 484.549 ± 0.118 χ^2/NDF : 9274495.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_mean vs Slug



Right In: 308.476+/-715.274 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -678.933+/-657.856 χ^2/NDF : 17.0/16

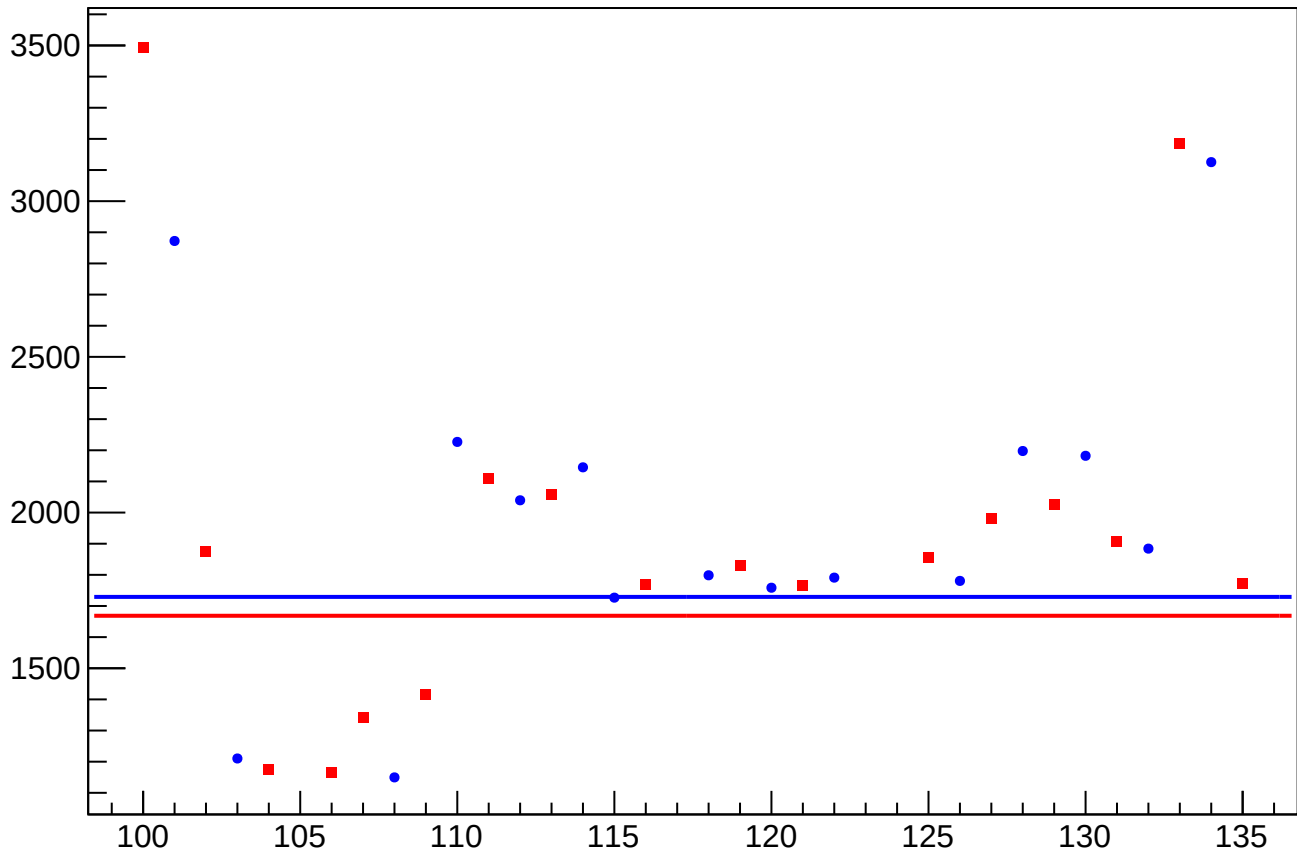
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -226.446+/-484.203 χ^2/NDF : 38.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_rms vs Slug



Right In: 1729.175+/-0.506 χ^2/NDF : 942078.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1668.576+/-0.465 χ^2/NDF : 744100.3/16

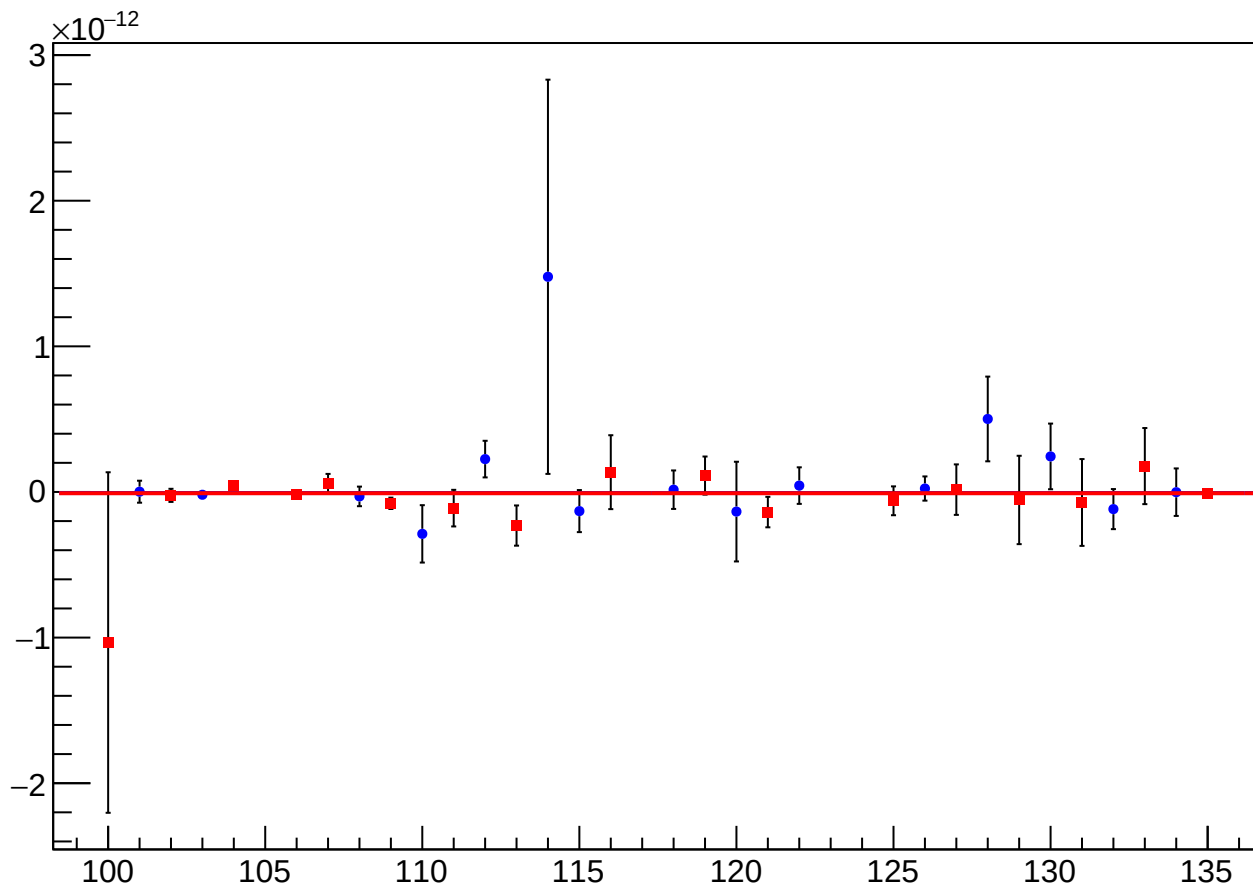
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1696.346+/-0.342 χ^2/NDF : 1693955.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 13.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 15.7/16

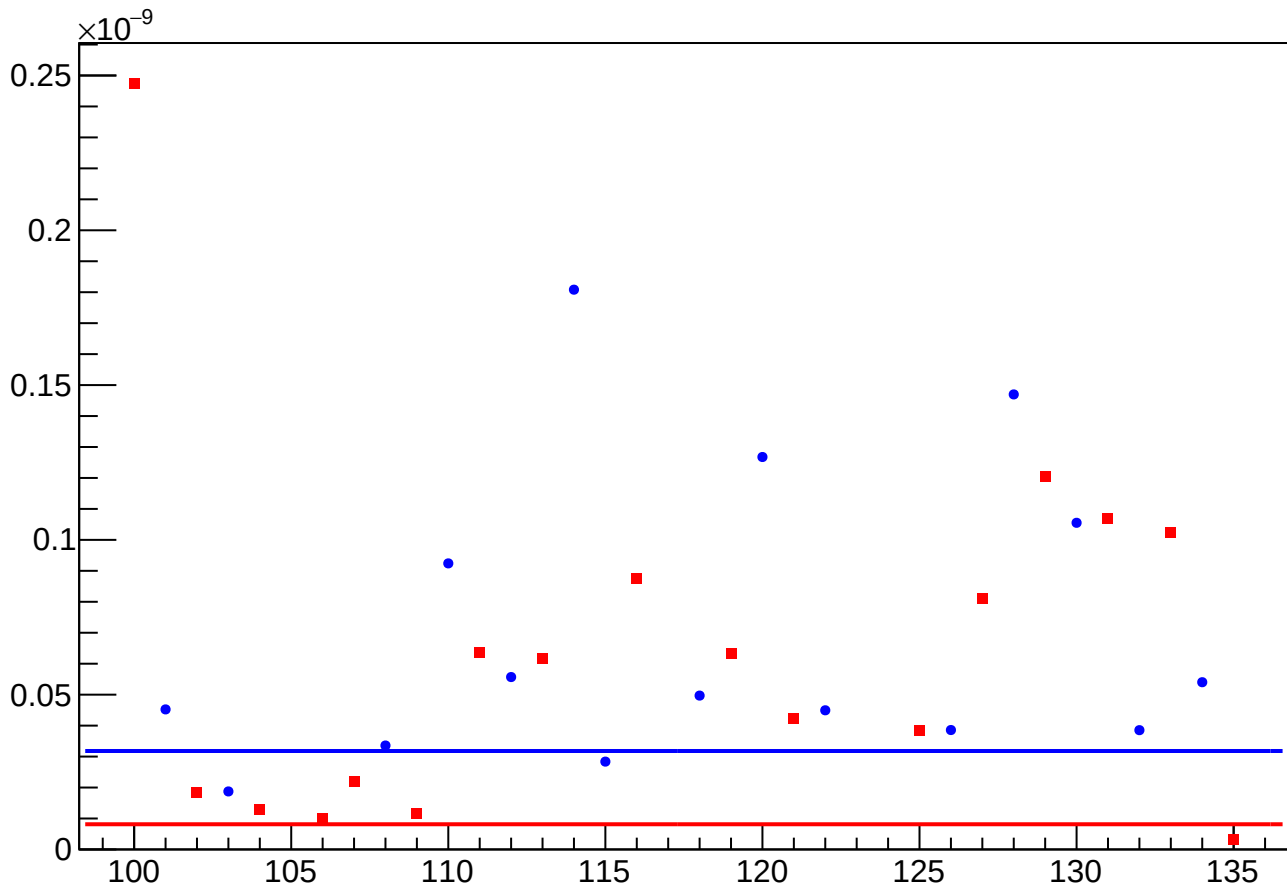
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 28.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1496483.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3501961.1/16

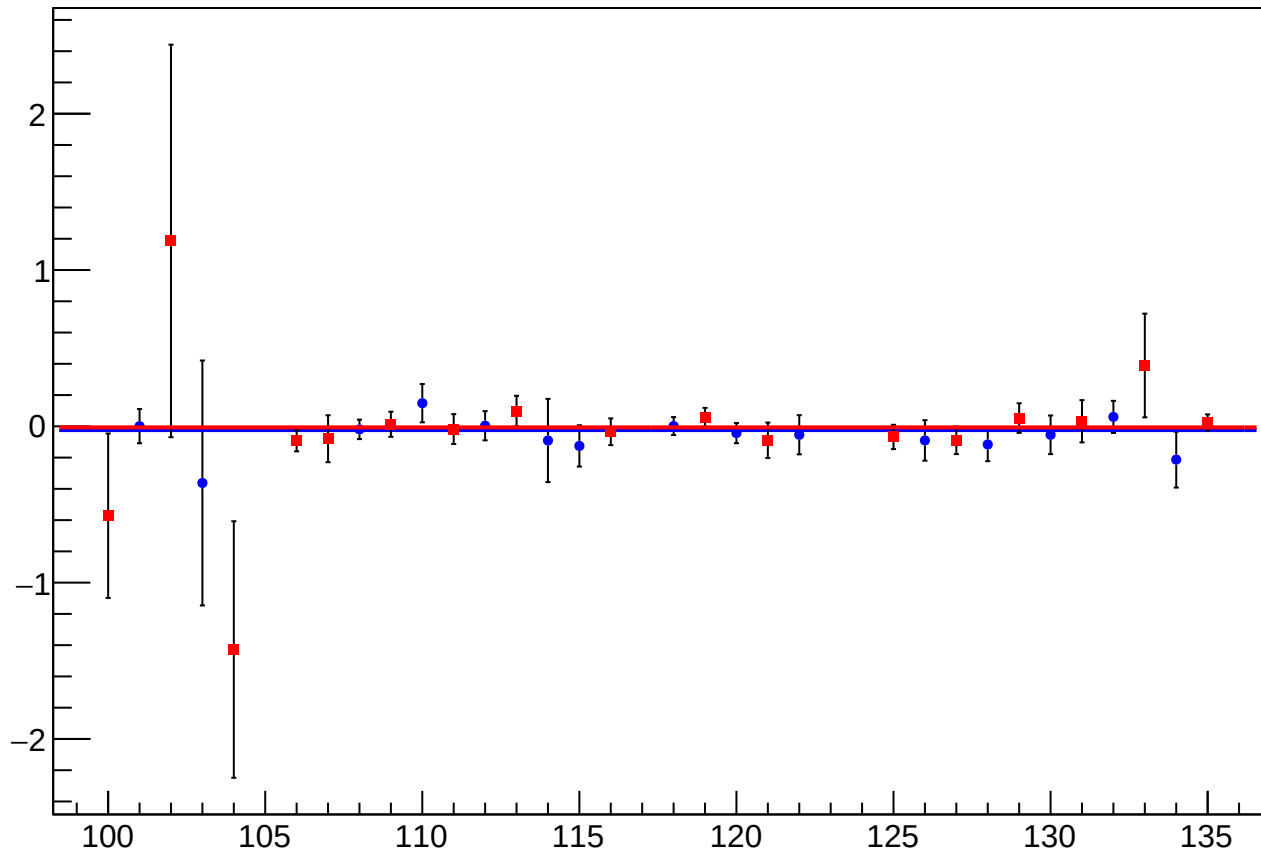
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 6896229.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.022 χ^2/NDF : 13.7/16

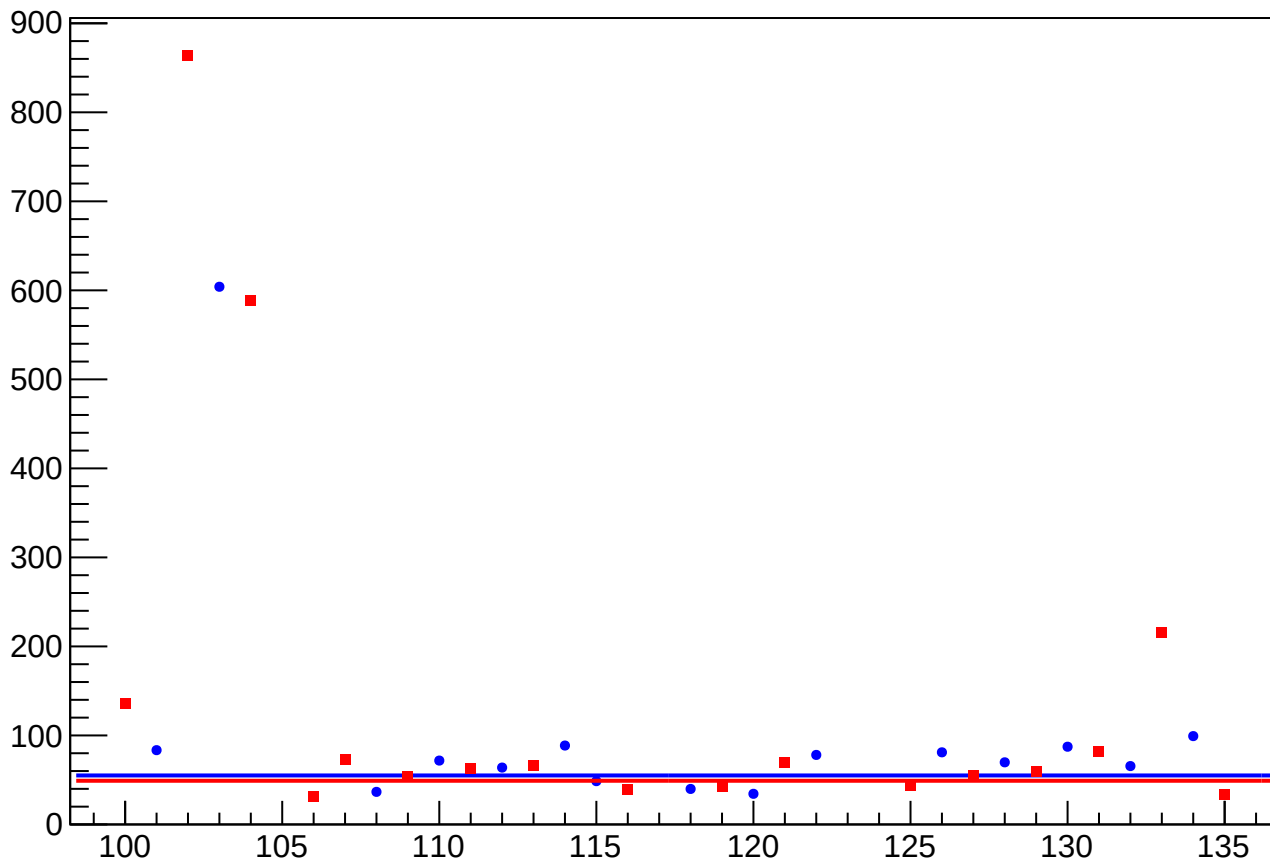
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.017 χ^2/NDF : 20.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.090+/-0.016 χ^2/NDF : 2999916.1/16

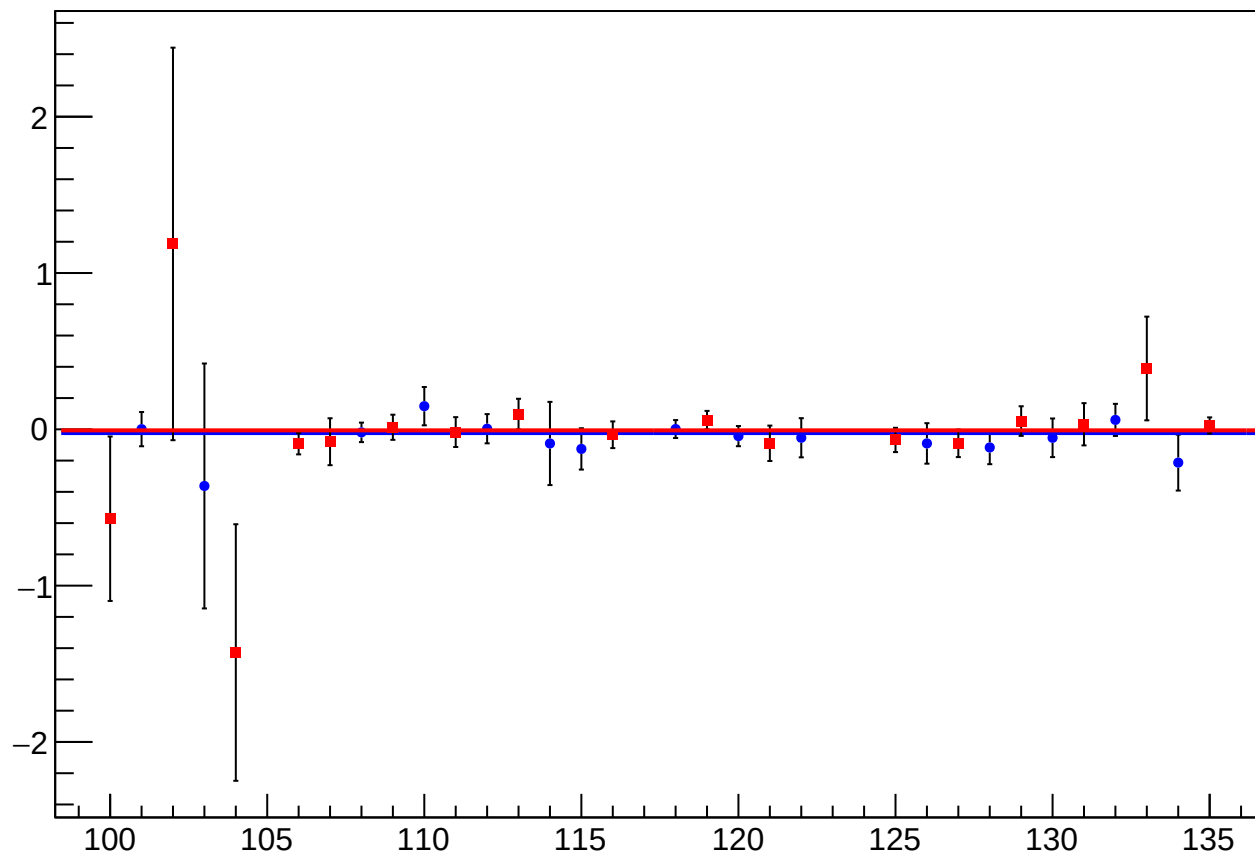
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.699+/-0.012 χ^2/NDF : 5253897.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.022 χ^2/NDF : 13.7/16

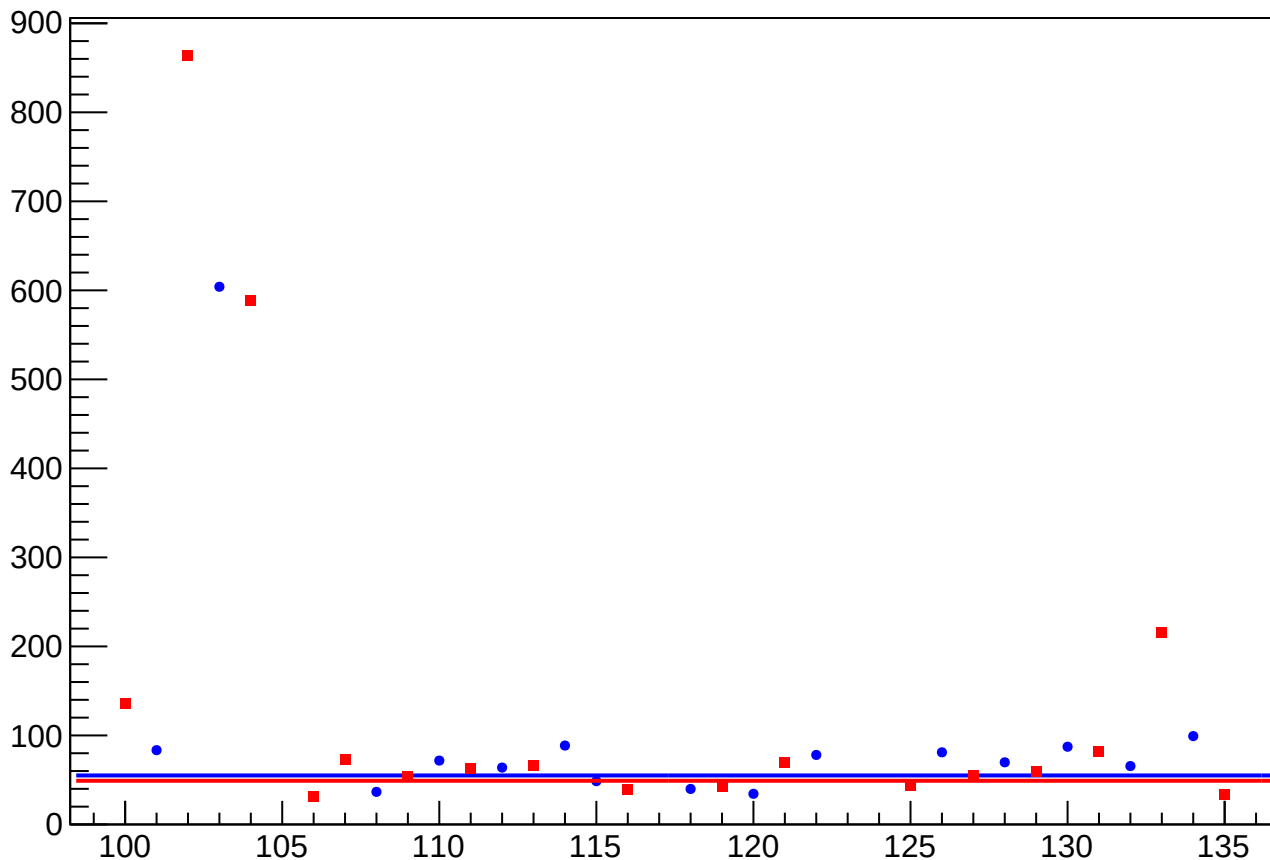
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.017 χ^2/NDF : 20.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.045+/-0.018 χ^2/NDF : 2192583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.090+/-0.016 χ^2/NDF : 2999916.1/16

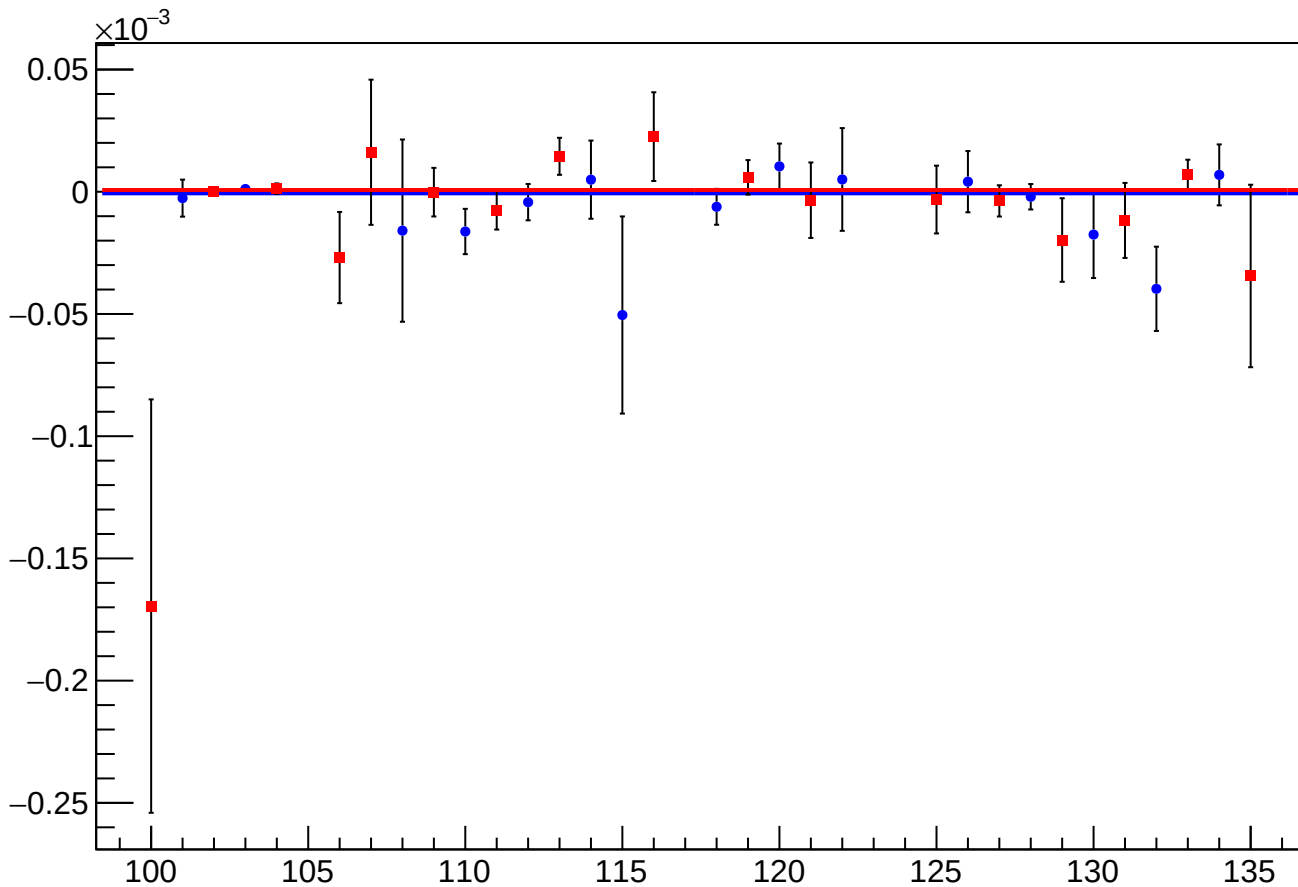
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.699+/-0.012 χ^2/NDF : 5253897.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym us dd at2lr dd dd eigen dit vs dit diff mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.8/16

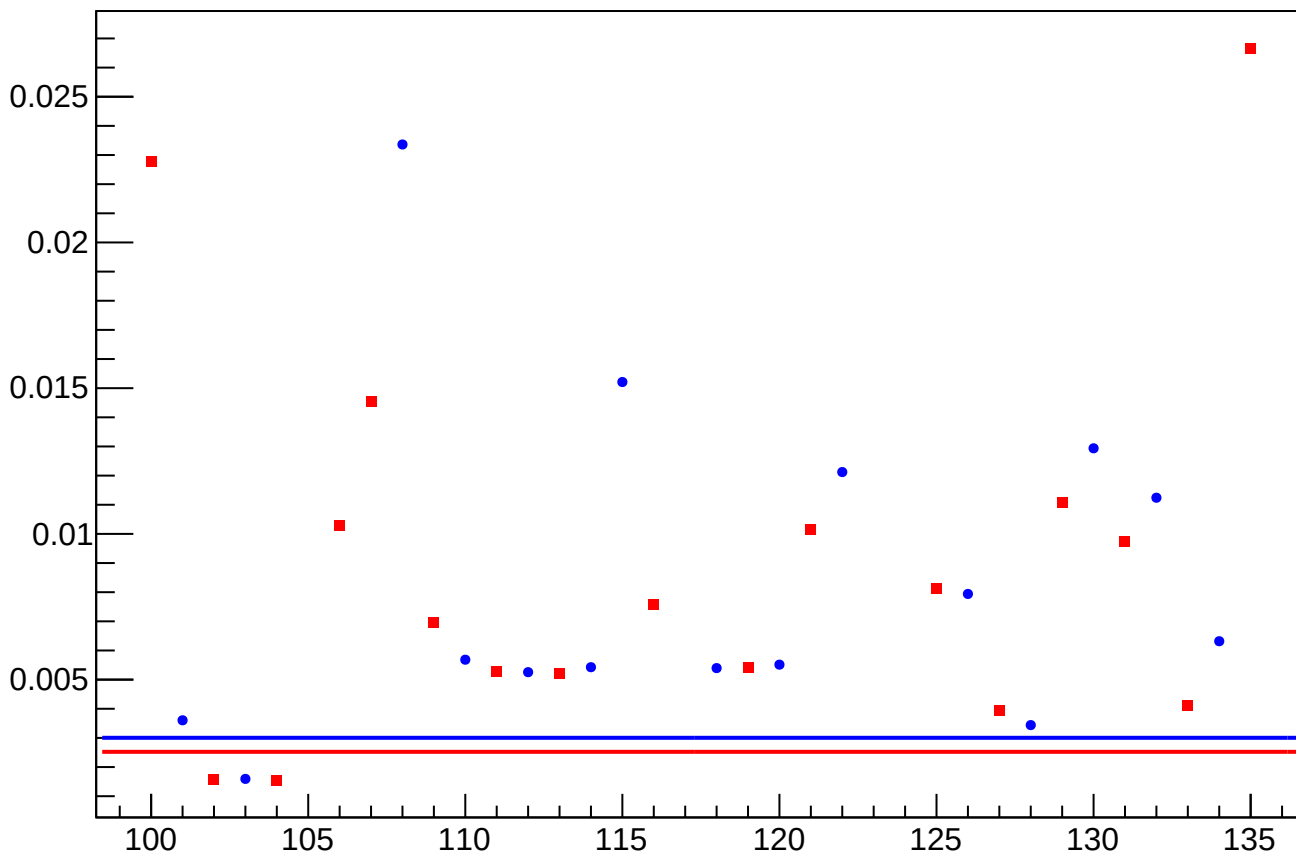
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 32.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 4415960.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5911862.4/16

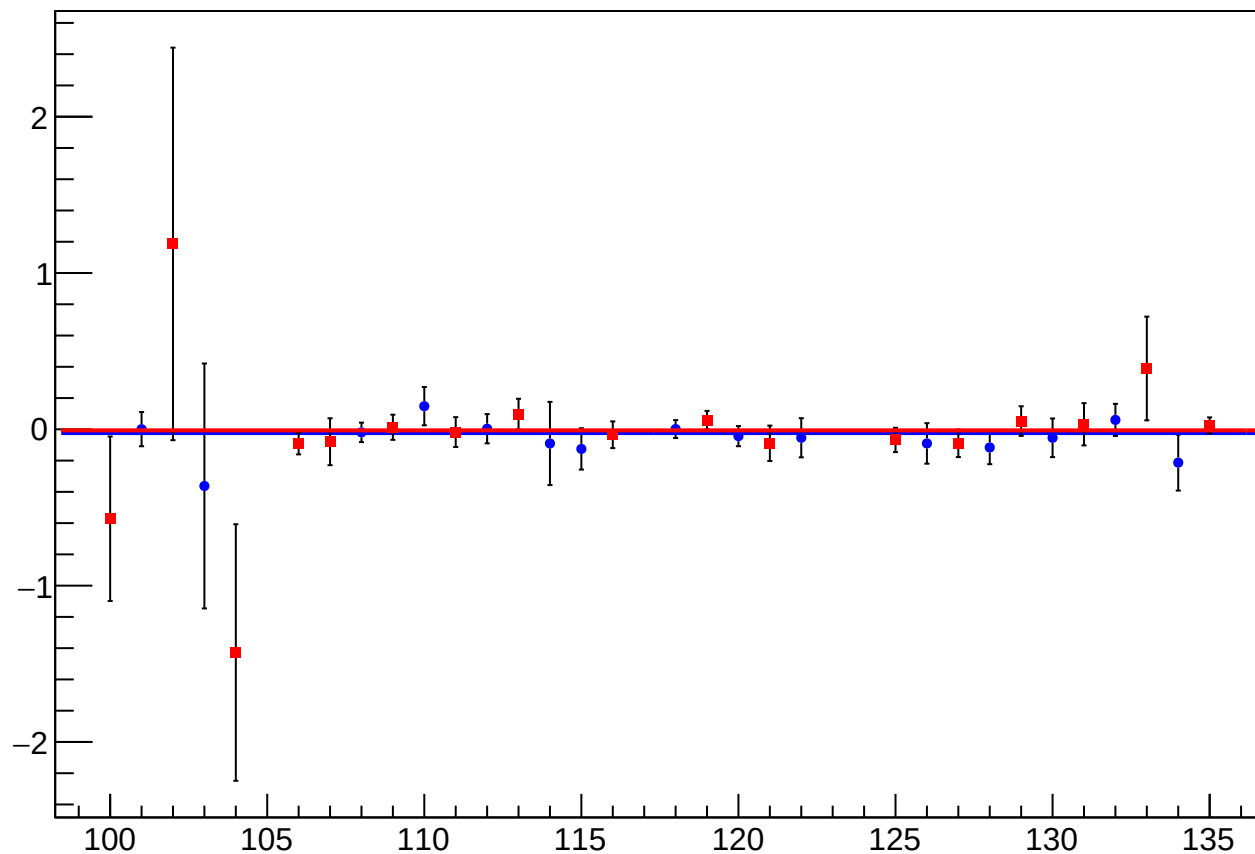
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10436830.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.022 χ^2/NDF : 13.7/16

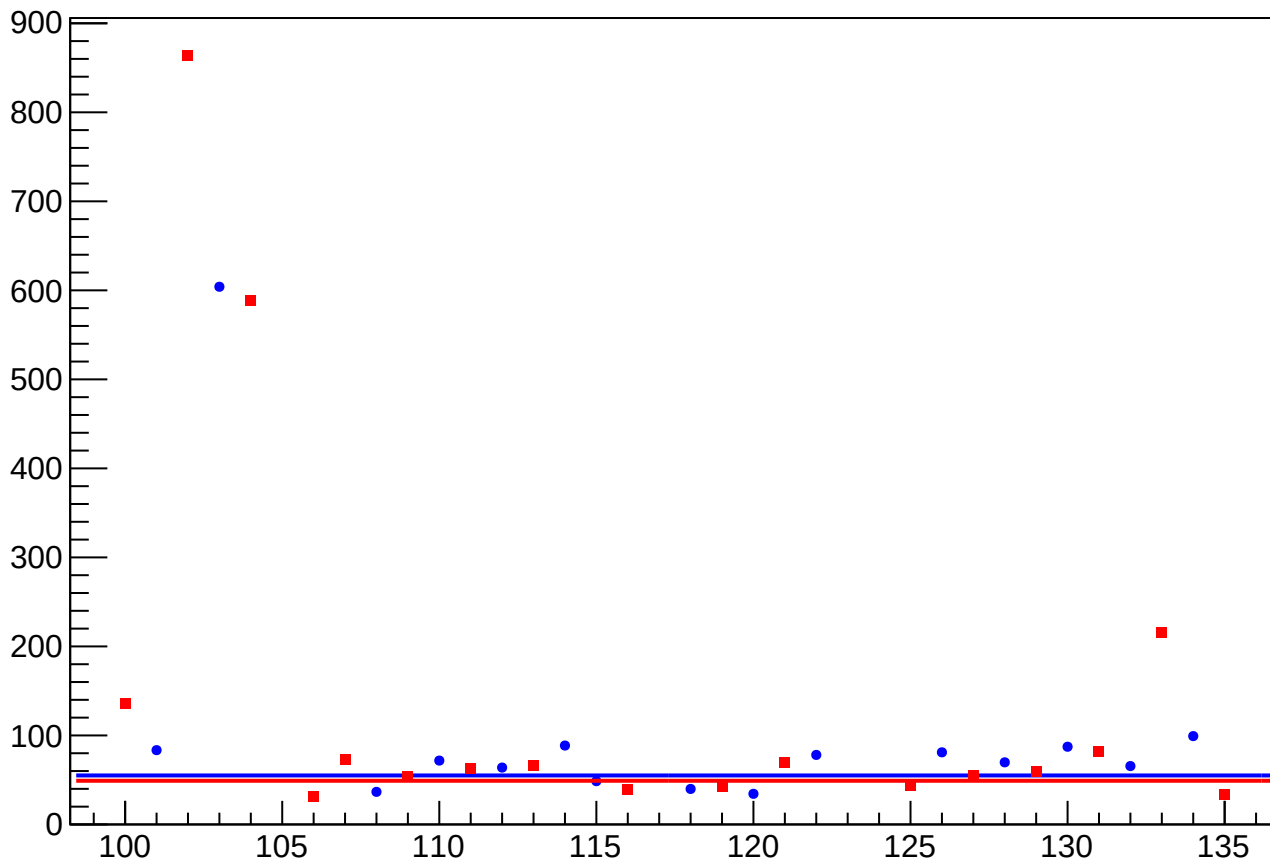
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.017 χ^2/NDF : 20.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 55.049 $\pm$ 0.018 χ^2 /NDF: 2192157.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 49.092 $\pm$ 0.016 χ^2 /NDF: 2999636.6/16

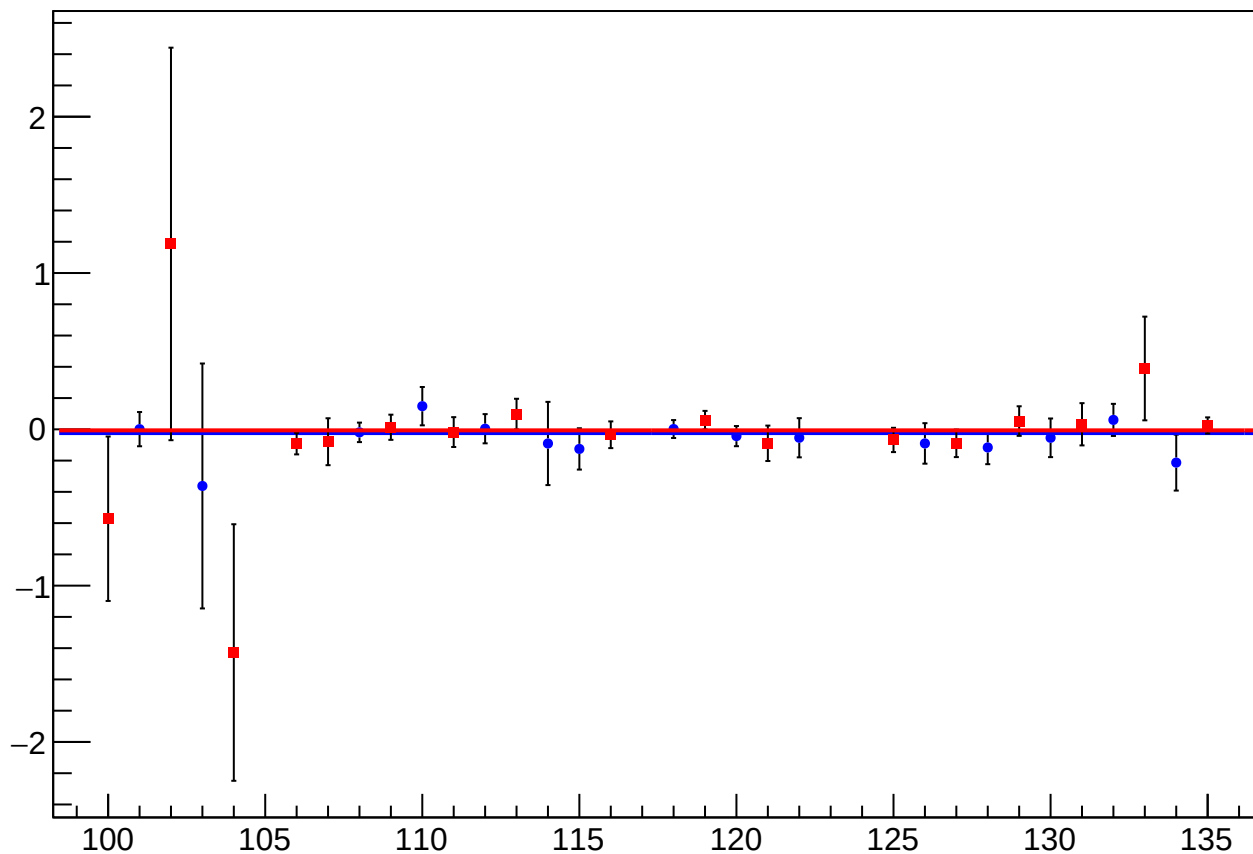
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.702 $\pm$ 0.012 χ^2 /NDF: 5253230.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.024 ± 0.025 χ^2/NDF : 6.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.007 ± 0.022 χ^2/NDF : 13.7/16

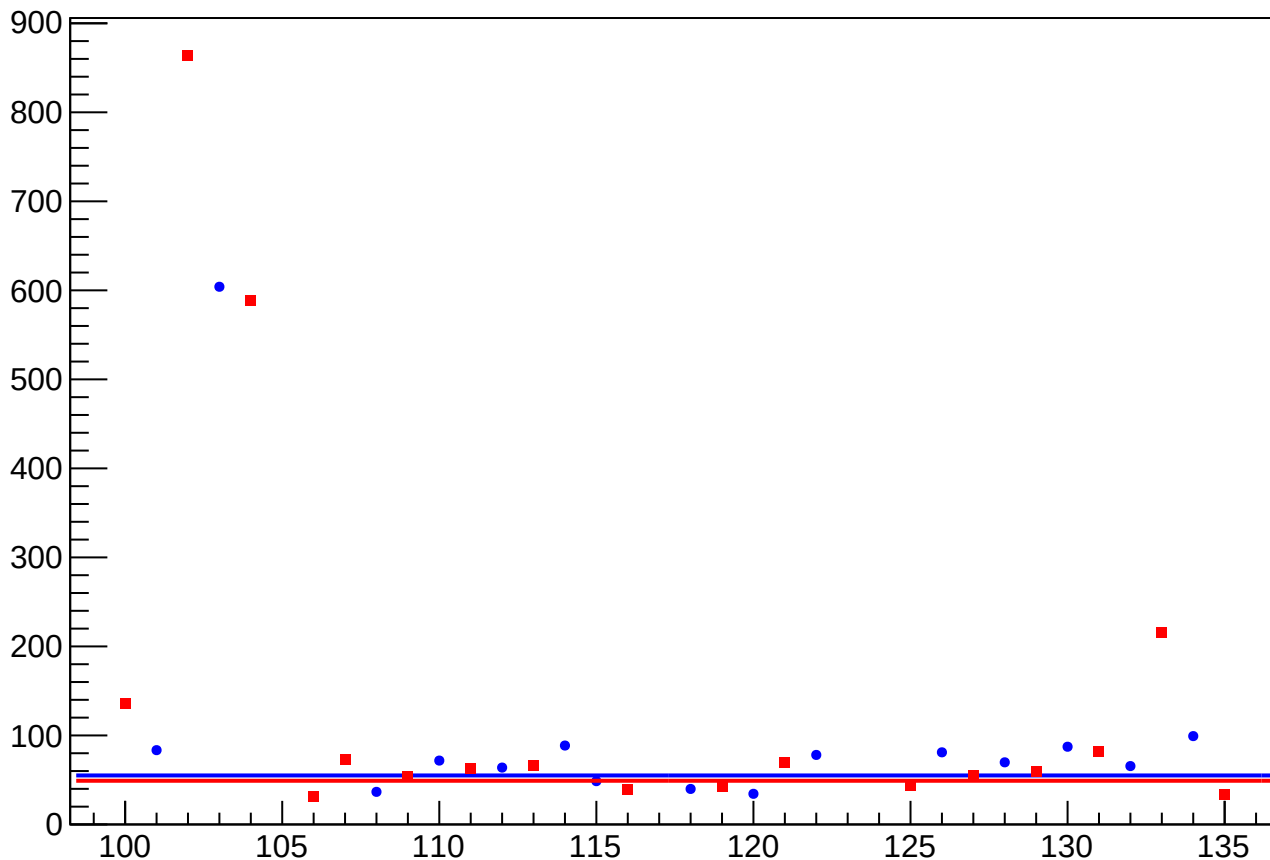
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.017 χ^2/NDF : 20.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 55.049+/-0.018 χ^2/NDF : 2192157.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.092+/-0.016 χ^2/NDF : 2999636.6/16

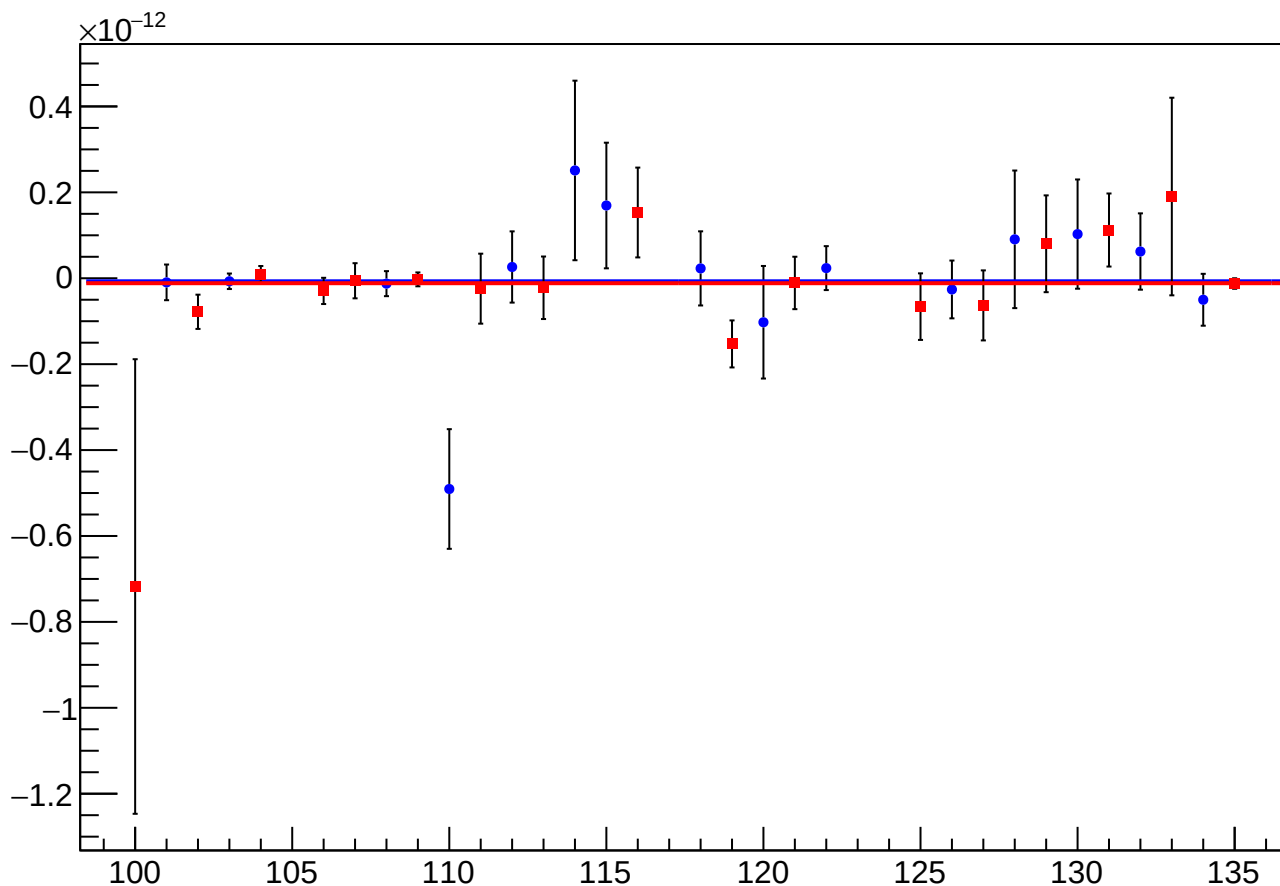
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.702+/-0.012 χ^2/NDF : 5253230.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 18.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.0/16

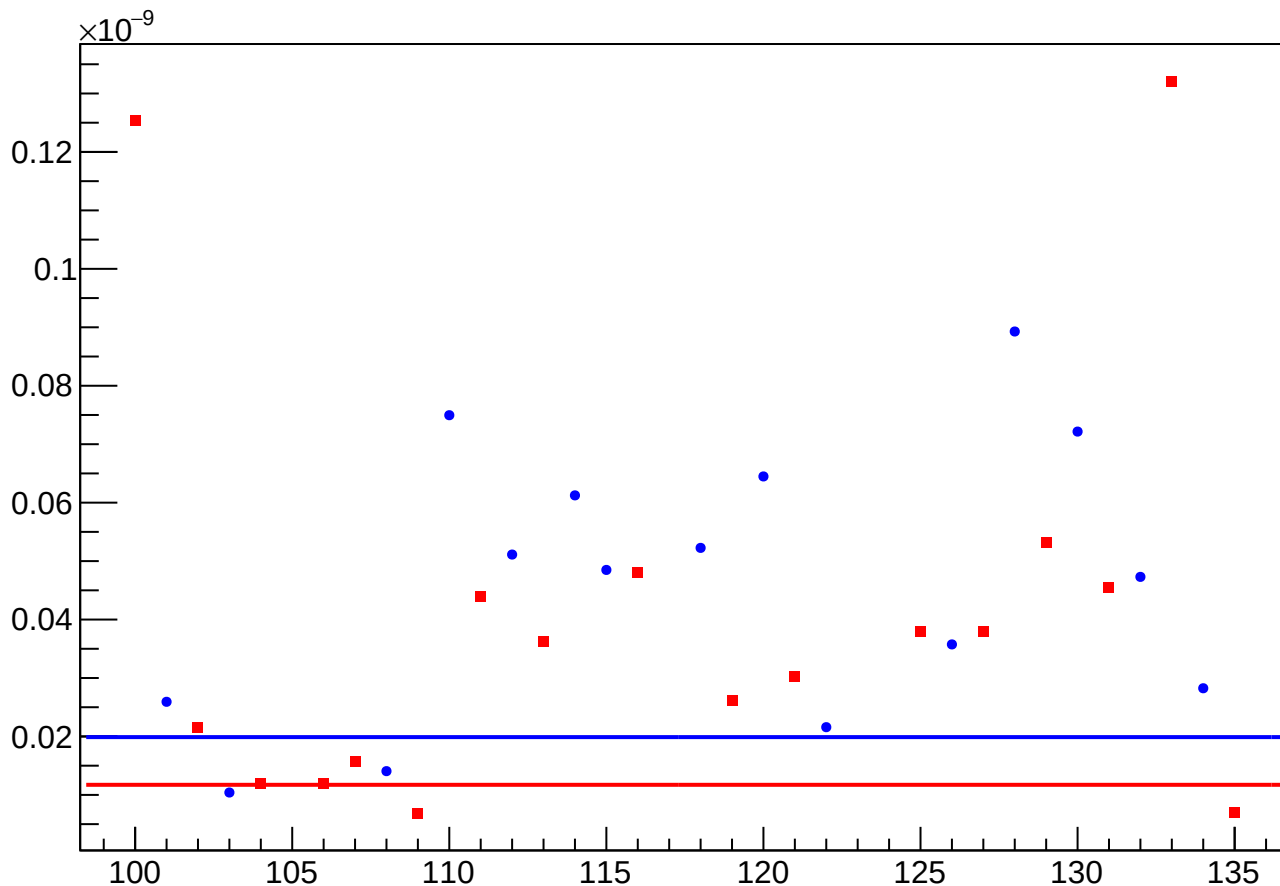
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_at2lr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2993750.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3398250.8/16

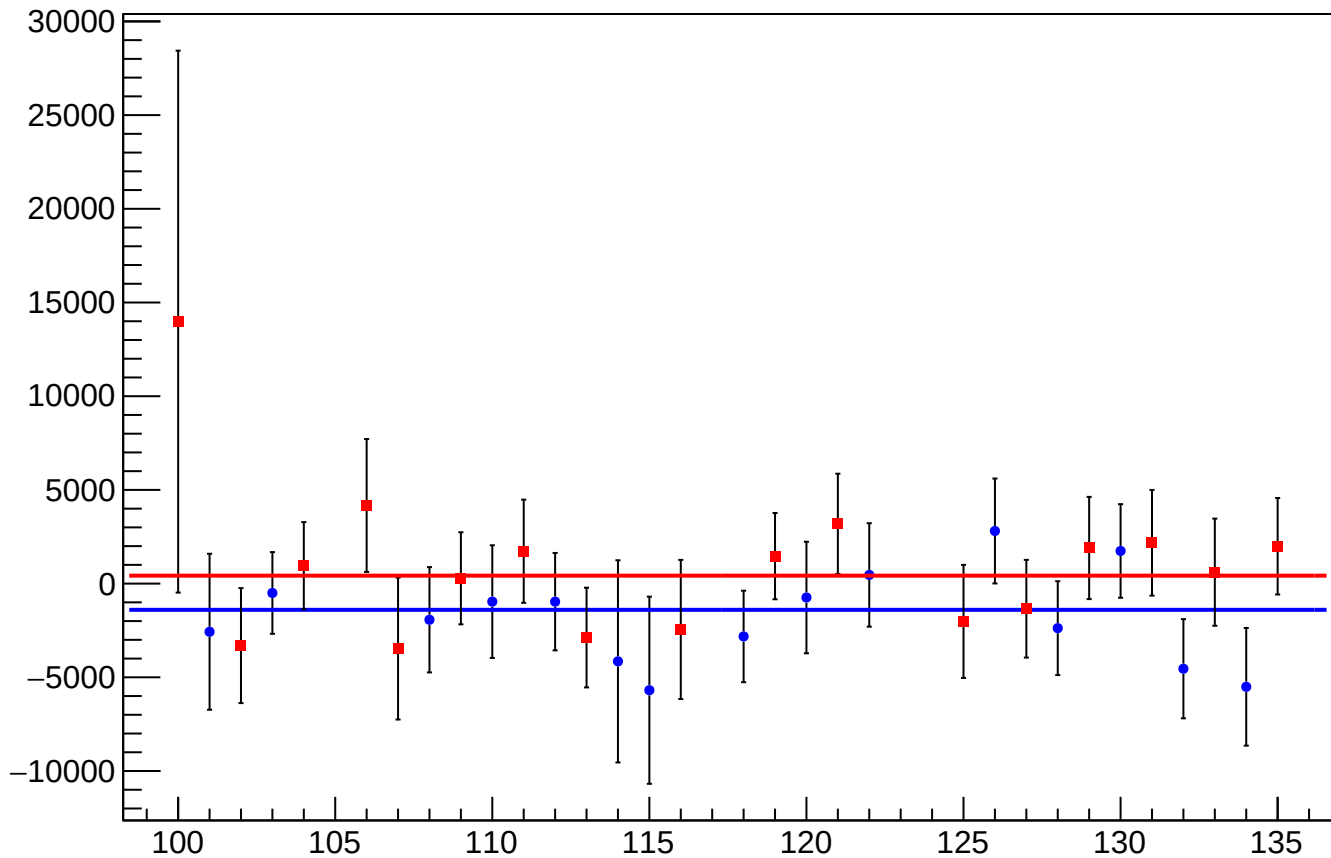
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7011785.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1398.852 $\pm$ 738.903 χ^2 /NDF: 9.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 425.053 $\pm$ 694.093 χ^2 /NDF: 10.4/16

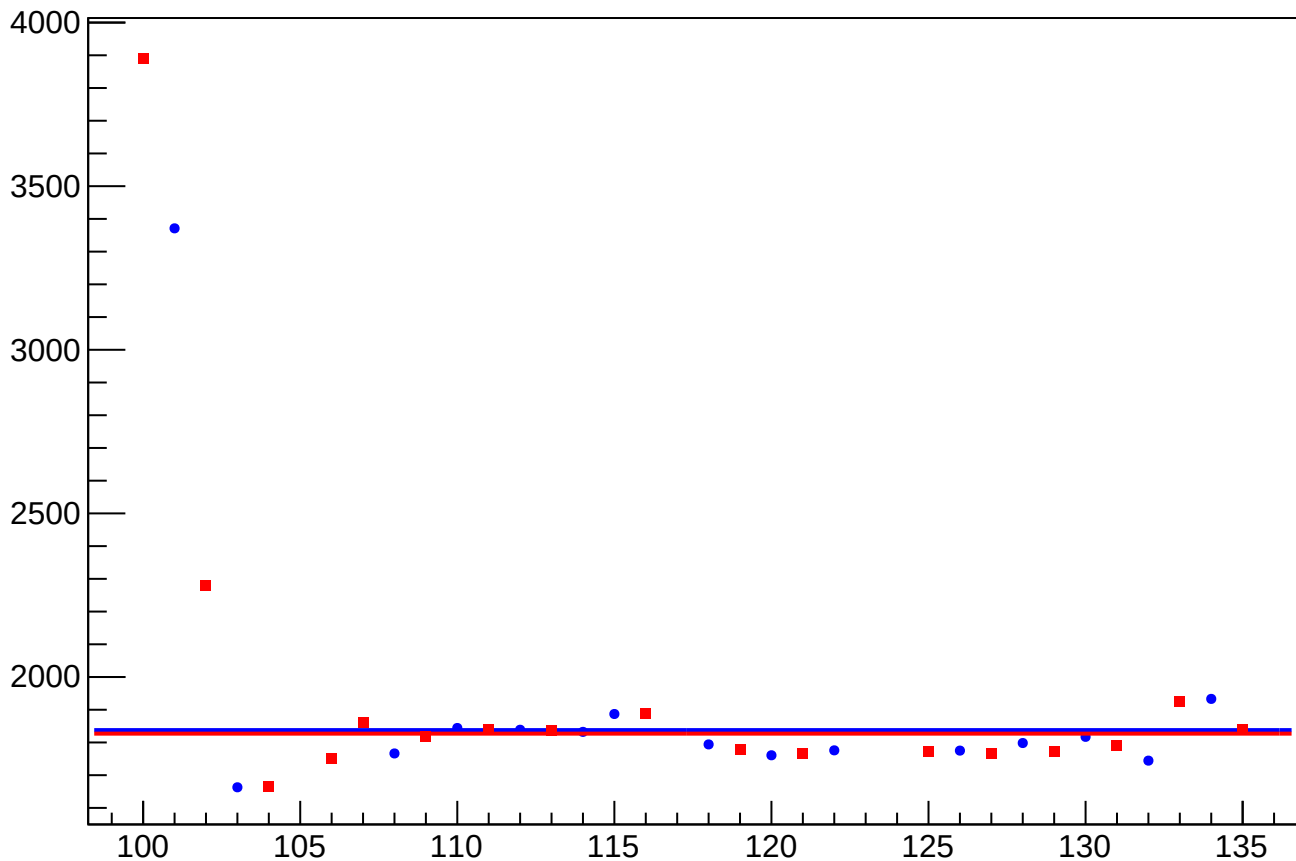
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -429.922 $\pm$ 505.898 χ^2 /NDF: 22.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1837.767+/-0.522 χ^2/NDF : 294786.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1826.944+/-0.491 χ^2/NDF : 102929.5/16

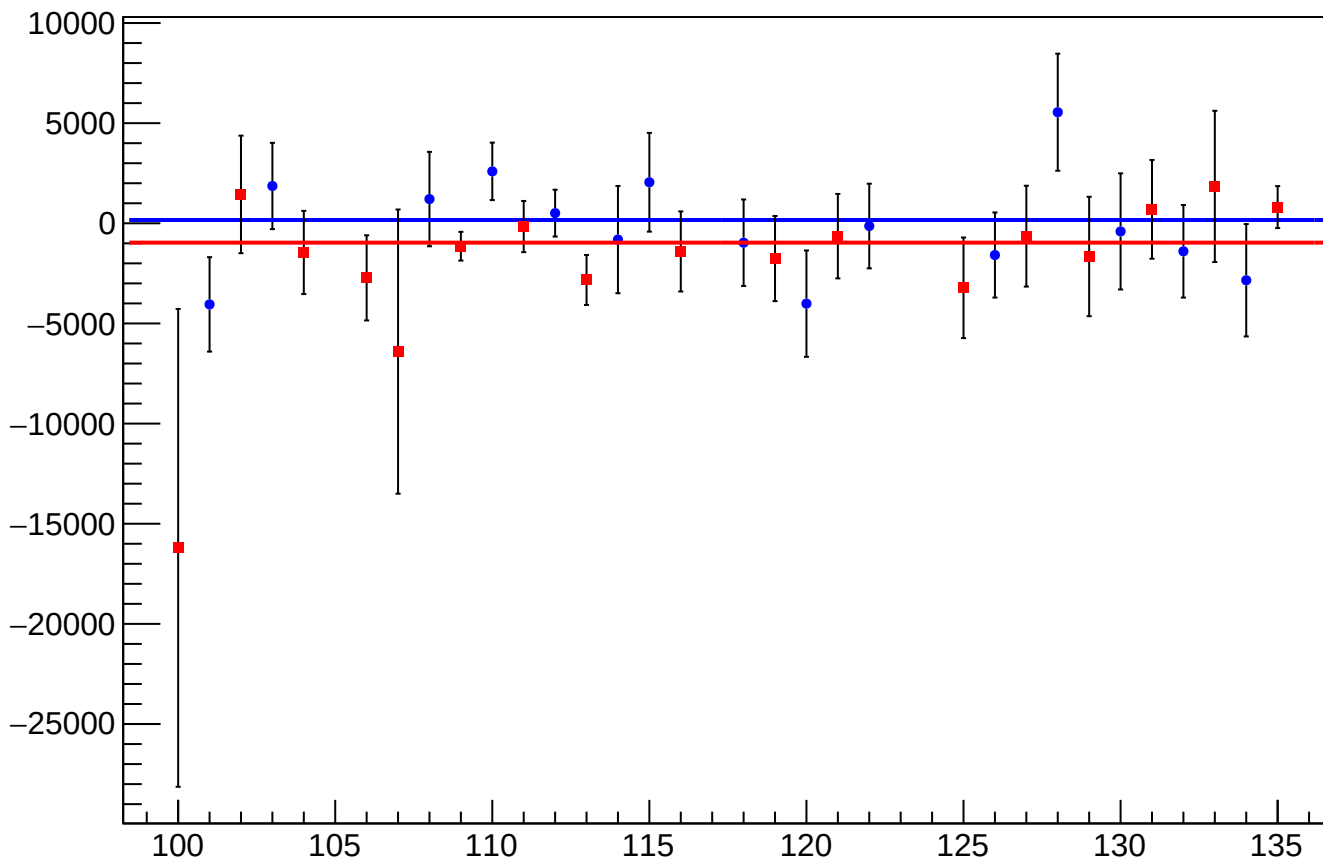
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1832.017+/-0.358 χ^2/NDF : 397944.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_mean vs Slug



Right In: 164.808 $\pm$ 538.475 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -965.066 $\pm$ 406.111 χ^2 /NDF: 11.3/16

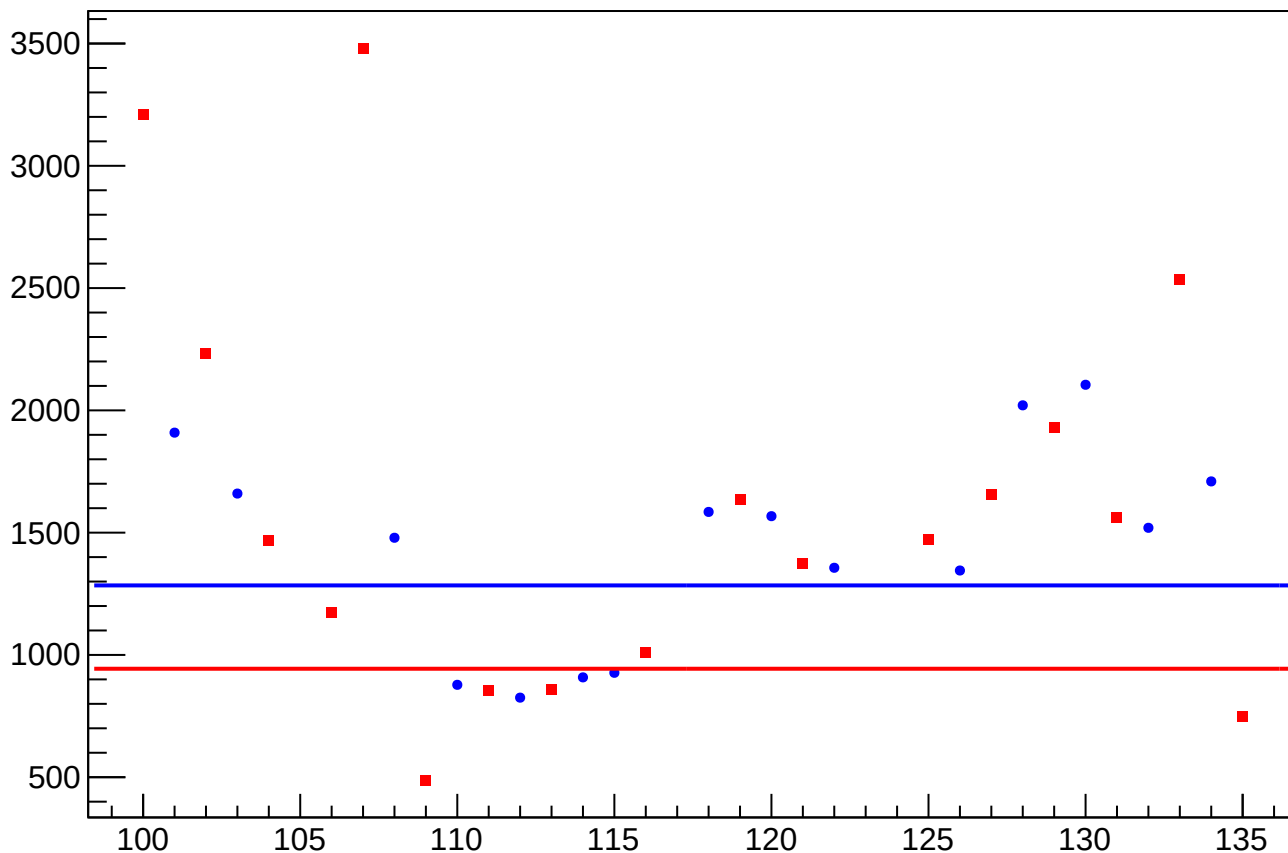
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -555.408 $\pm$ 324.236 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_reg_correction_rms vs Slug



Right In: 1284.241+/-0.381 χ^2 /NDF: 1184170.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 943.528+/-0.287 χ^2 /NDF: 3014502.9/16

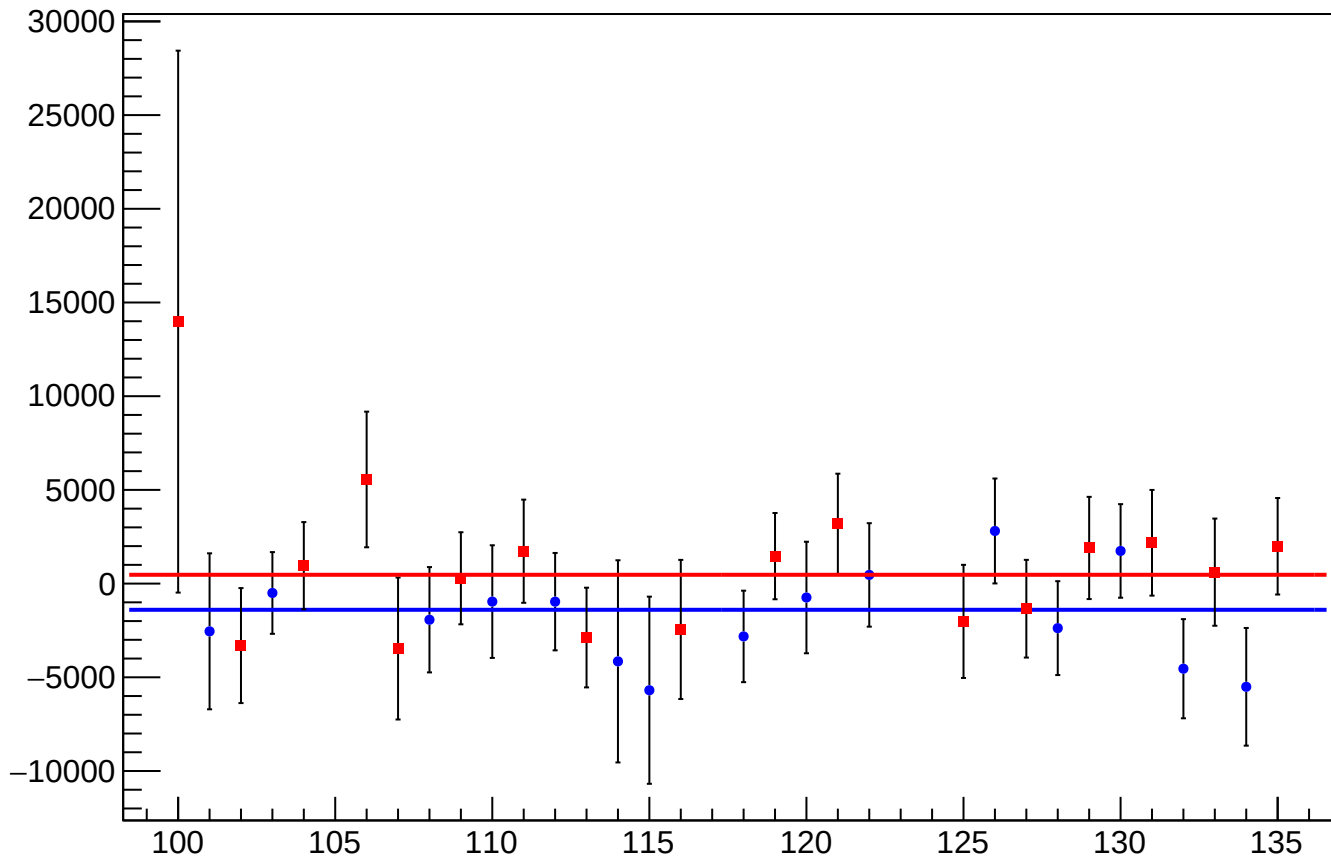
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1067.060+/-0.229 χ^2 /NDF: 4709072.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1398.095 $\pm$ 738.903 χ^2 /NDF: 9.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 470.329 $\pm$ 694.637 χ^2 /NDF: 11.3/16

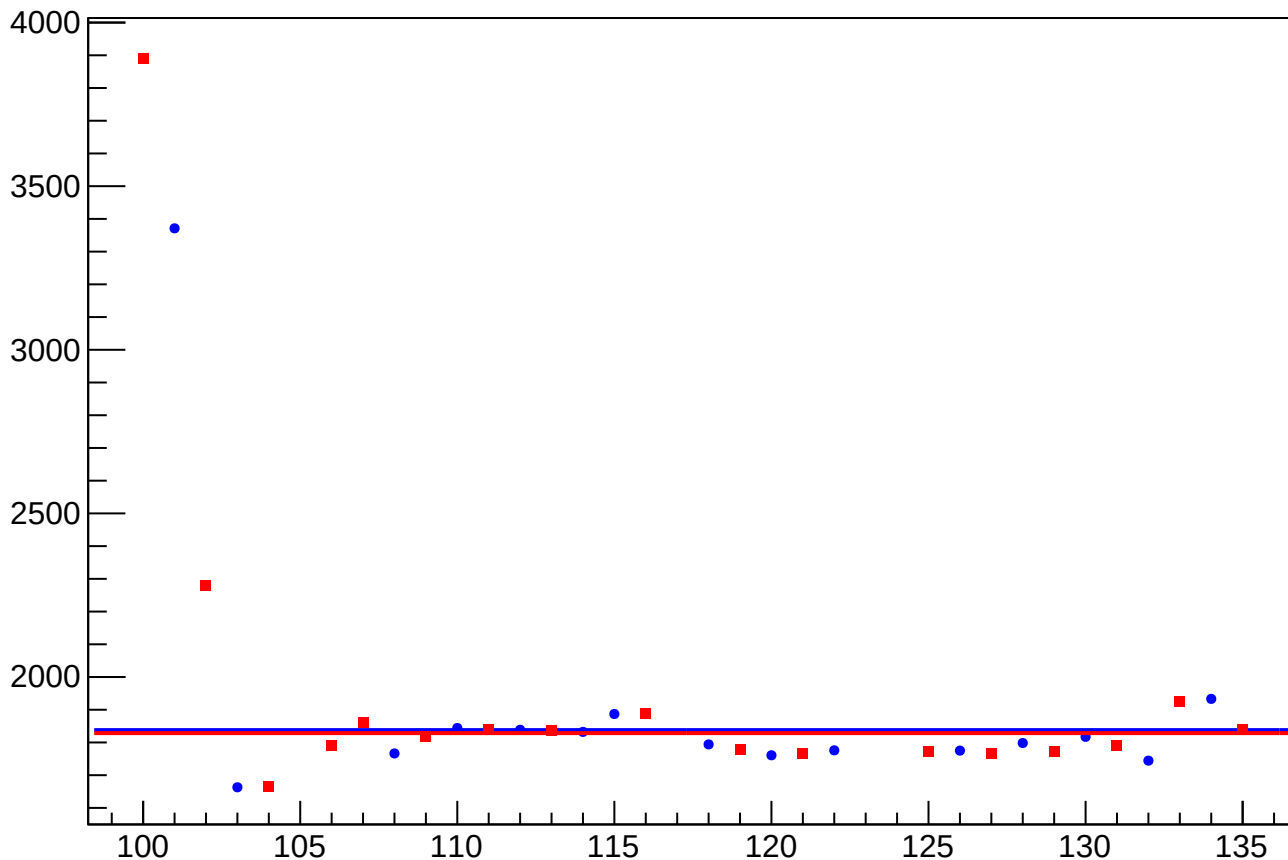
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -406.244 $\pm$ 506.108 χ^2 /NDF: 24.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

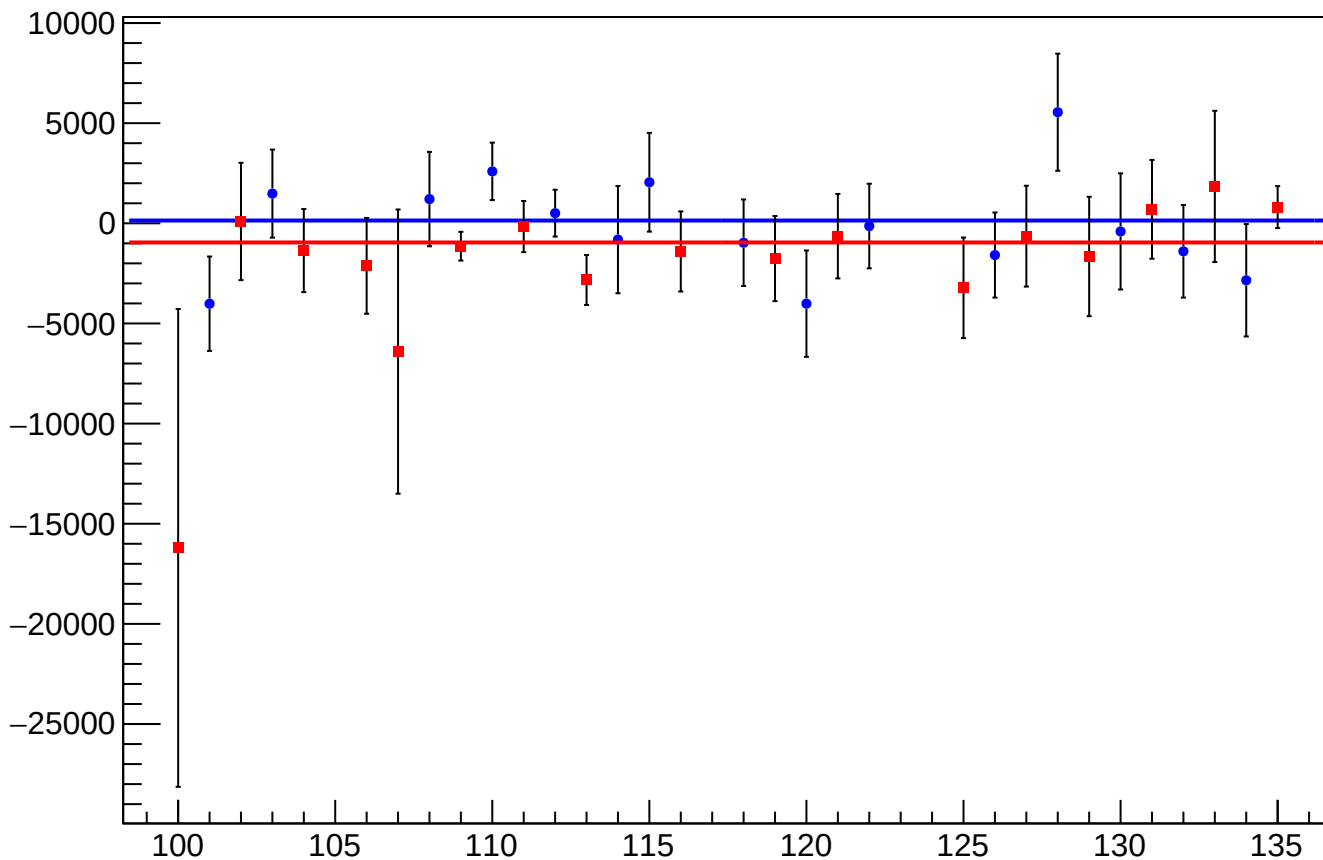
Right Out: 1828.570+/-0.491 χ^2/NDF : 102183.0/16

All: 1832.885+/-0.358 χ^2/NDF : 397136.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_mean vs Slug



Right In: 139.225 $\pm$ 539.141 χ^2 /NDF: 15.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -955.961 $\pm$ 407.644 χ^2 /NDF: 10.3/16

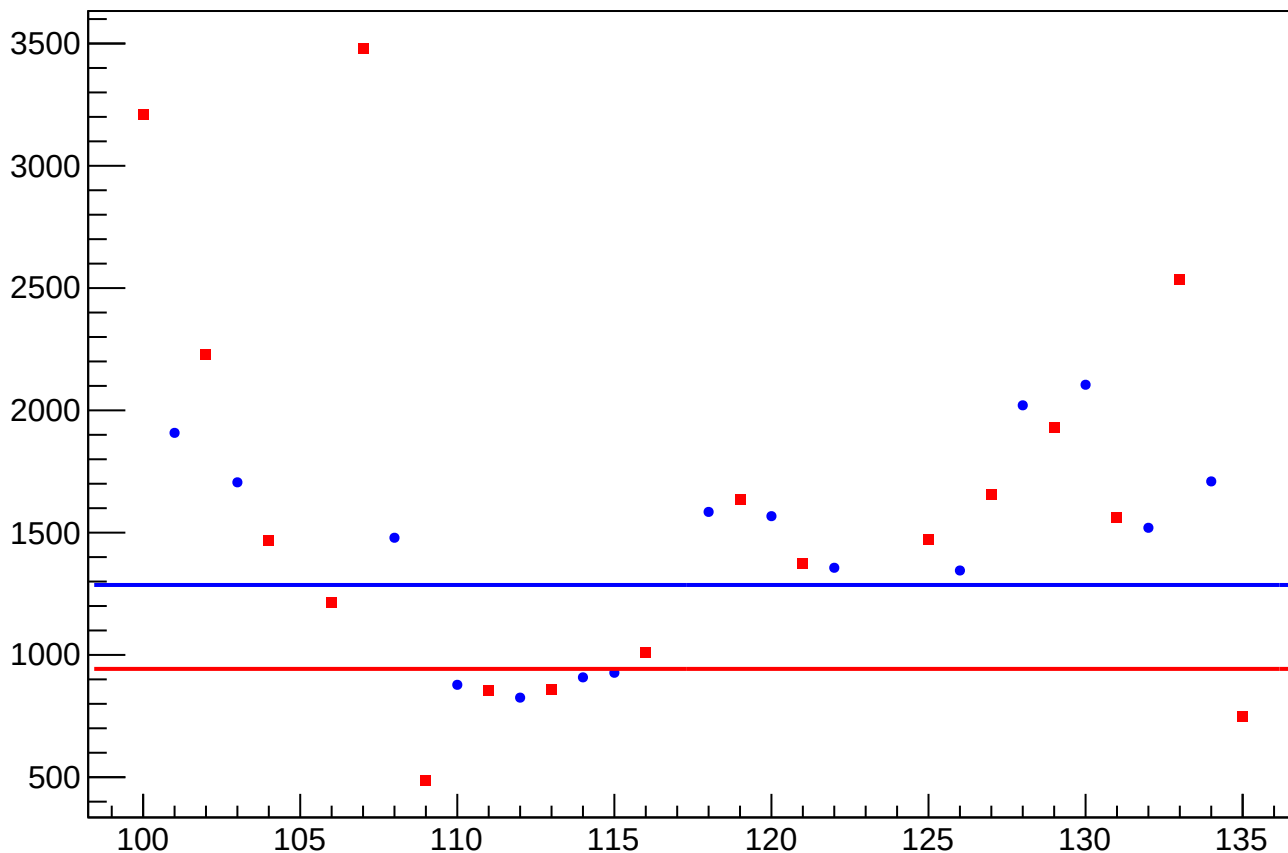
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -557.597 $\pm$ 325.161 χ^2 /NDF: 28.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_cor_correction_rms vs Slug



Right In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.861+/-0.288 χ^2/NDF : 3015031.0/16

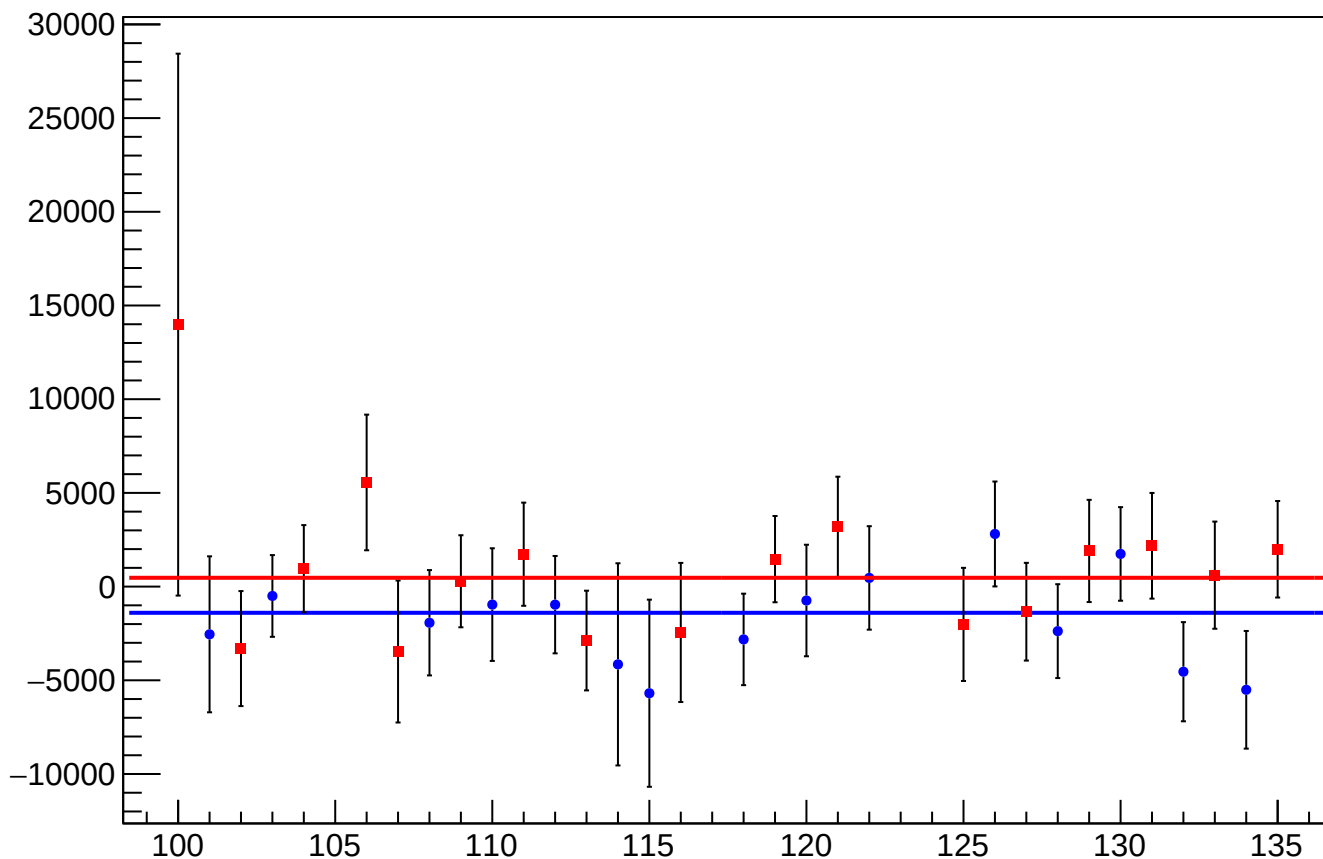
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1067.691+/-0.230 χ^2/NDF : 4727193.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1398.095+/-738.903 χ^2/NDF : 9.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 470.329+/-694.637 χ^2/NDF : 11.3/16

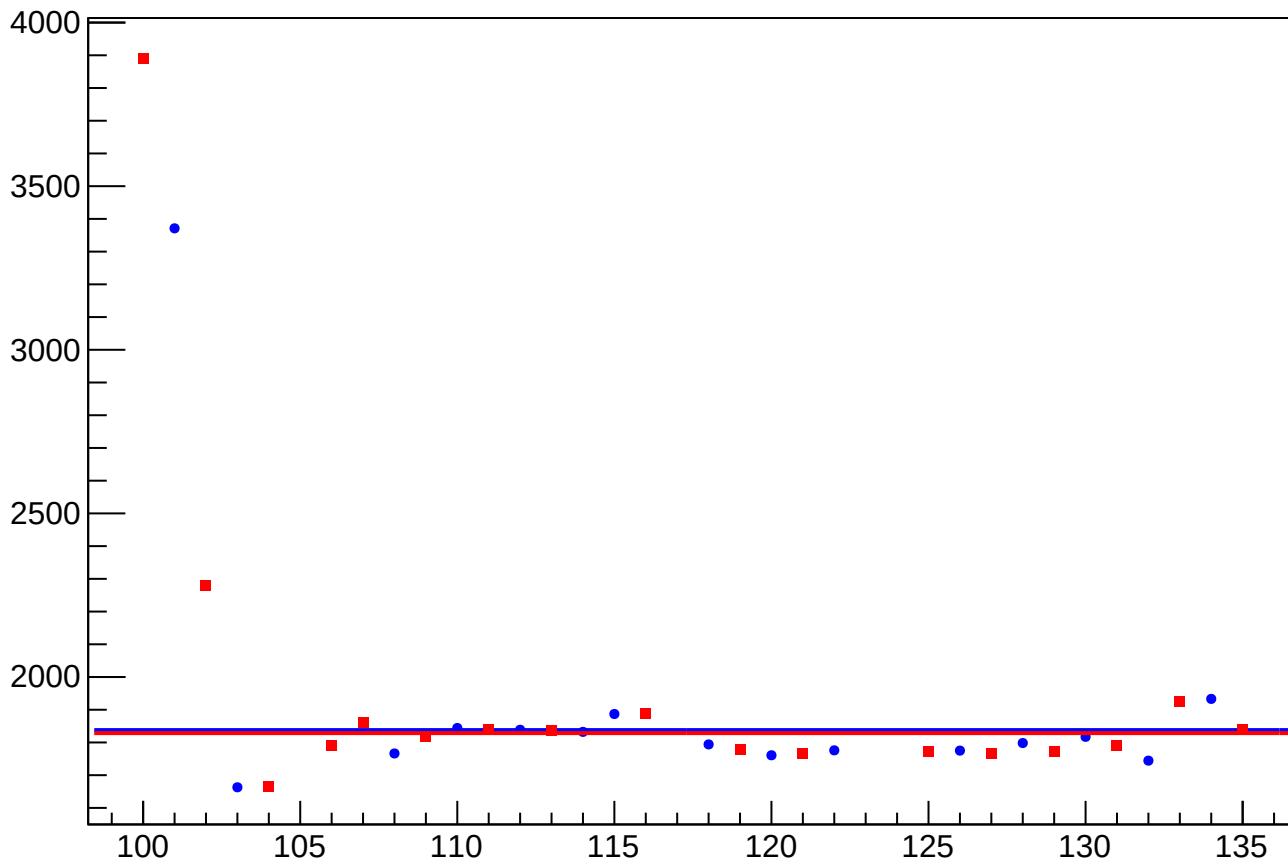
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -406.244+/-506.108 χ^2/NDF : 24.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1837.767+/-0.522 χ^2/NDF : 294788.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

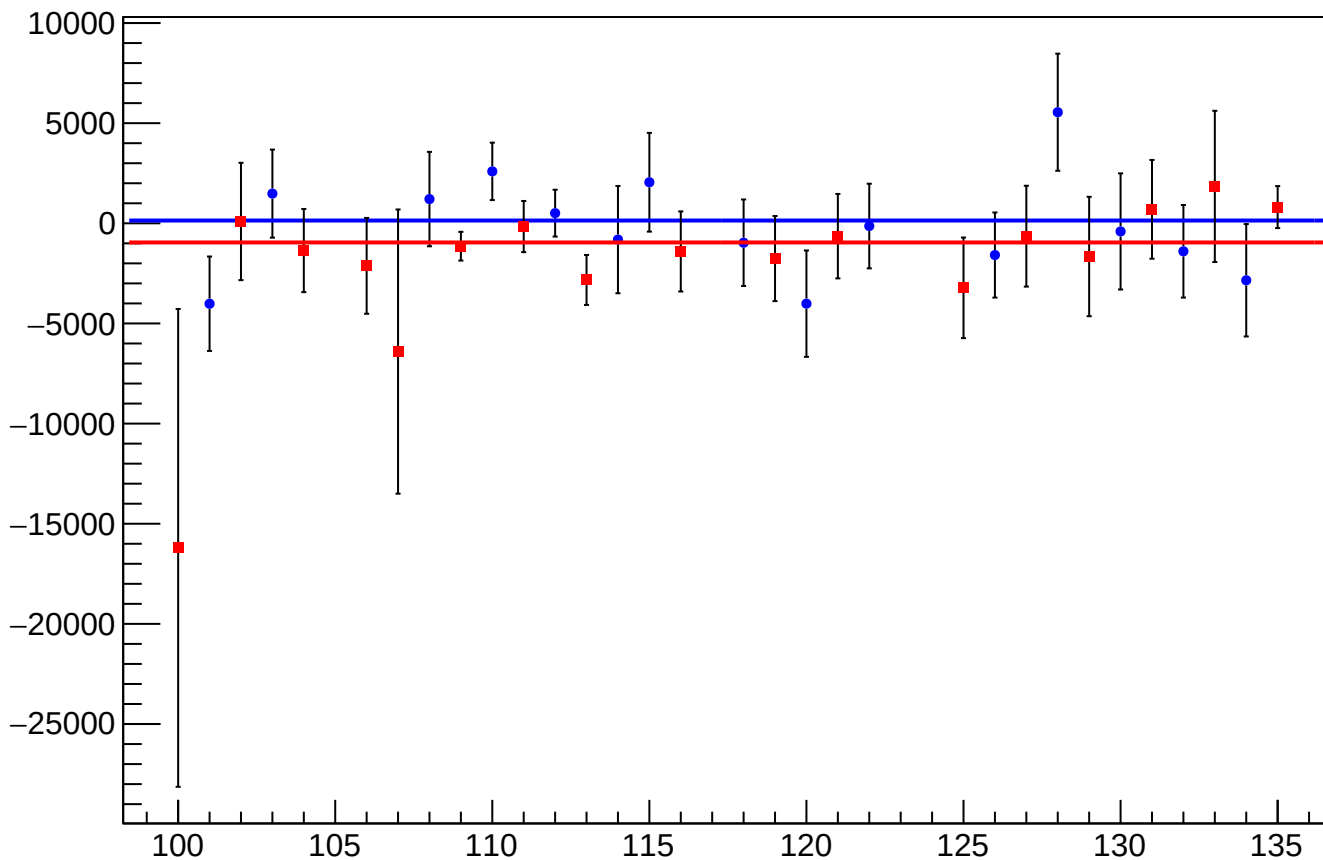
Right Out: 1828.570+/-0.491 χ^2/NDF : 102183.0/16

All: 1832.885+/-0.358 χ^2/NDF : 397136.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_mean vs Slug



Right In: 139.225 $\pm$ 539.141 χ^2 /NDF: 15.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -955.961 $\pm$ 407.644 χ^2 /NDF: 10.3/16

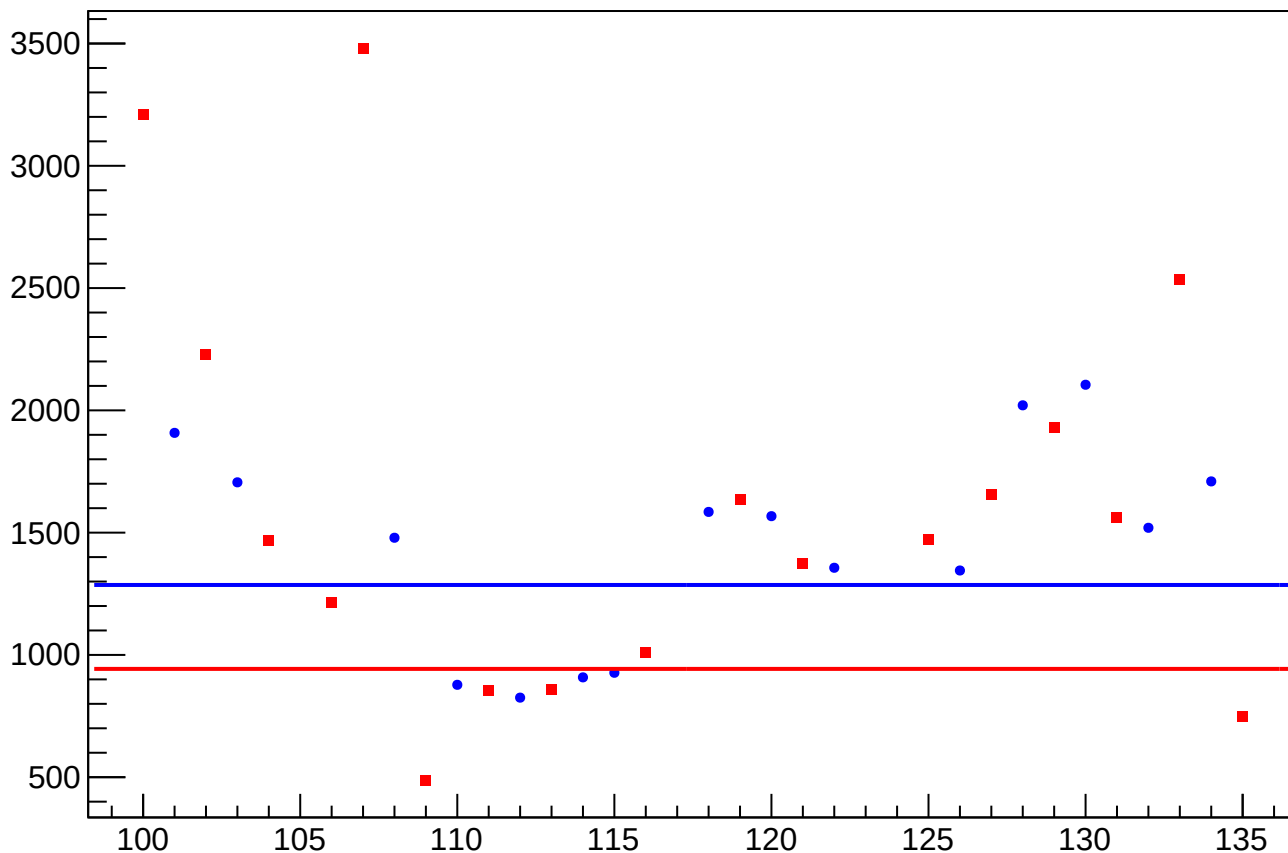
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -557.597 $\pm$ 325.161 χ^2 /NDF: 28.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_correction_rms vs Slug



Right In: 1286.045+/-0.381 χ^2/NDF : 1196563.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 942.861+/-0.288 χ^2/NDF : 3015031.0/16

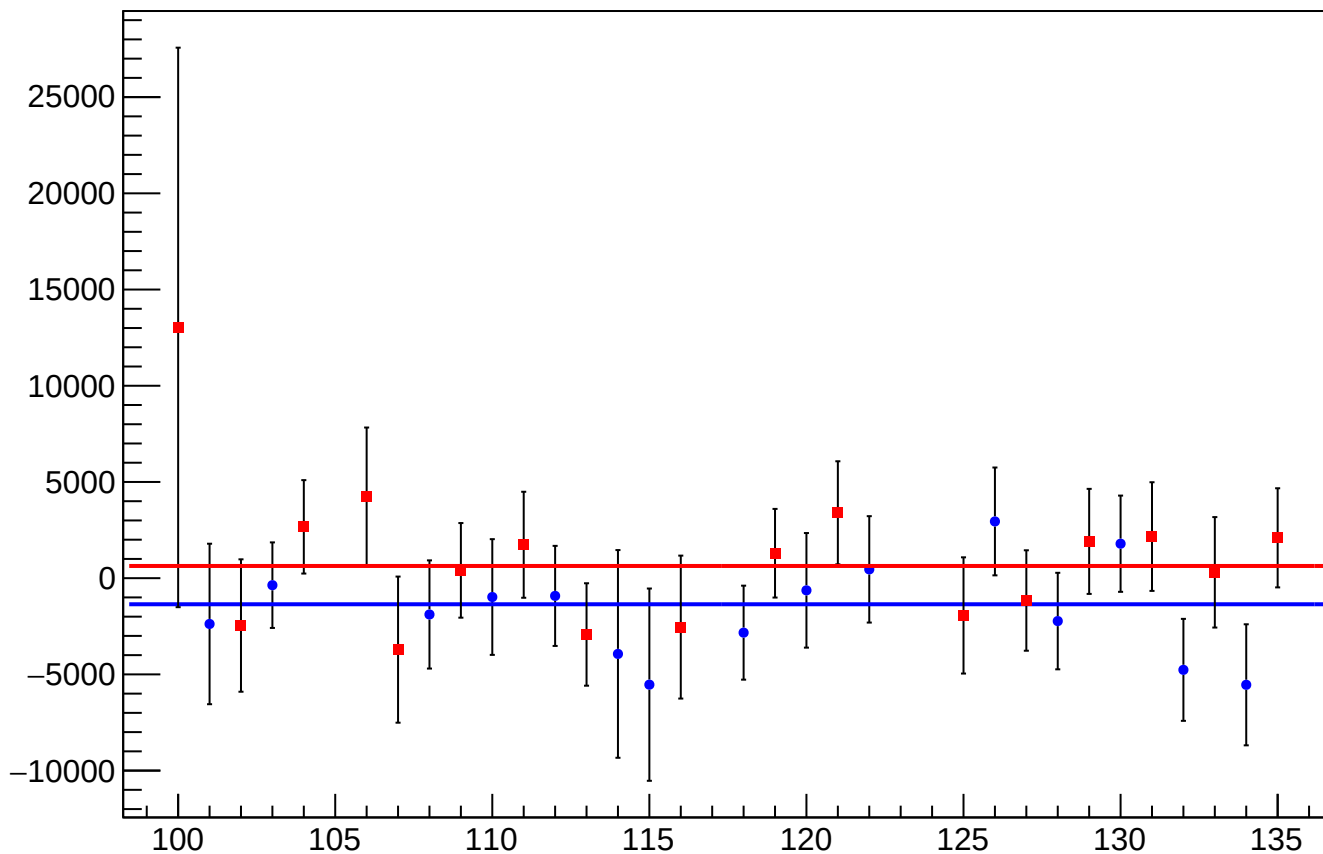
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1067.691+/-0.230 χ^2/NDF : 4727193.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1355.728+/-741.214 χ^2/NDF : 9.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 634.329+/-701.493 χ^2/NDF : 10.4/16

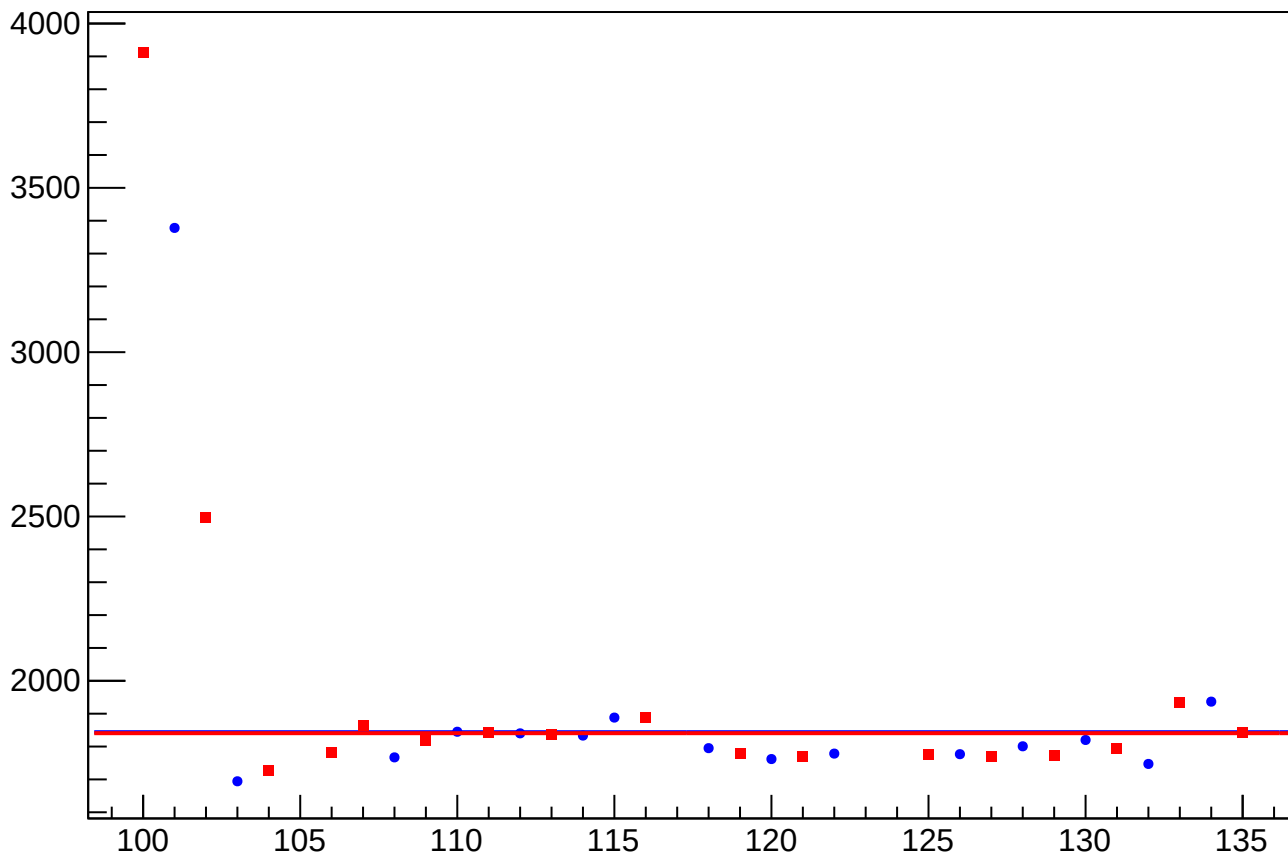
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -305.950+/-509.494 χ^2/NDF : 23.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.657+/-0.496 χ^2/NDF : 128076.1/16

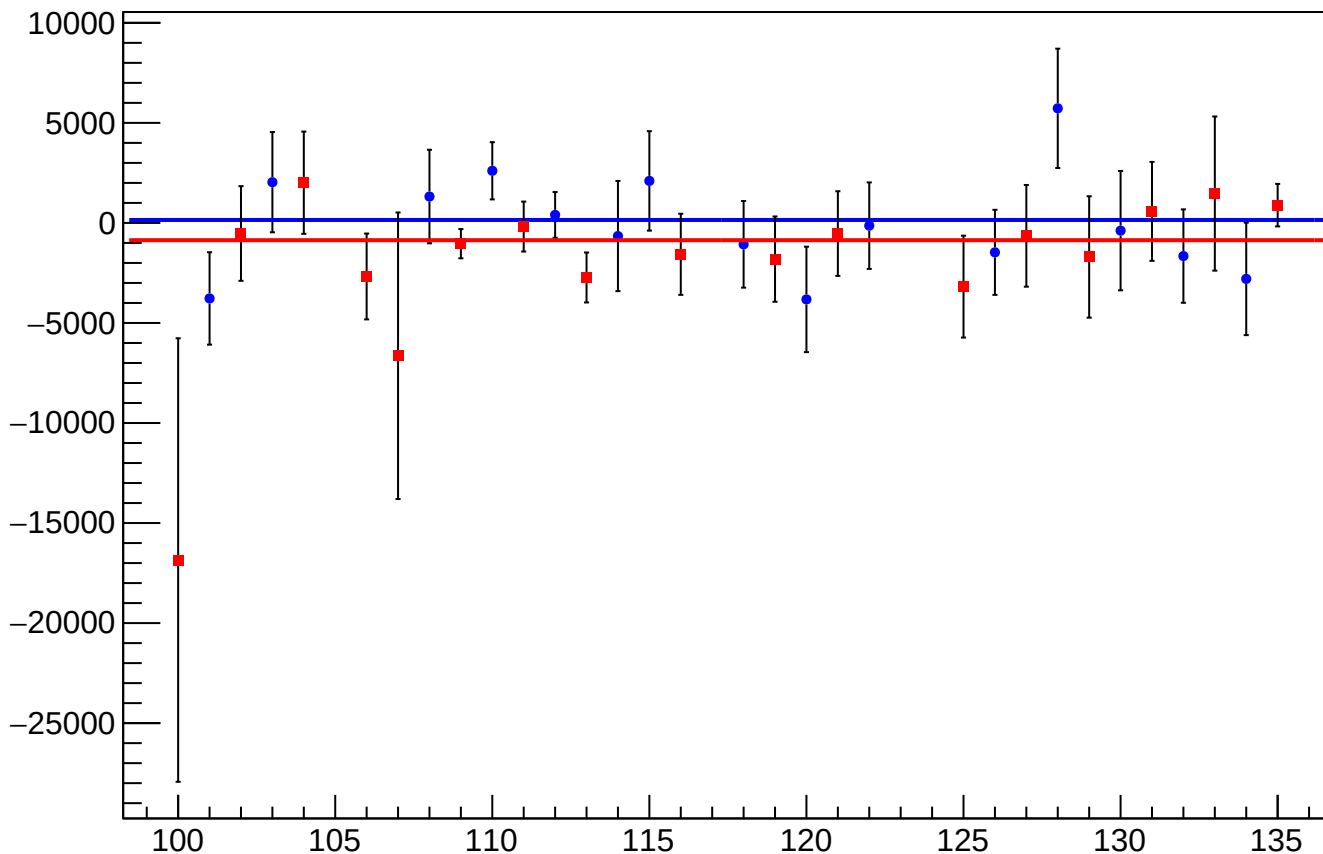
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.086+/-0.360 χ^2/NDF : 419230.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_mean vs Slug



Right In: 147.573+/-541.909 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -862.793+/-409.742 χ^2/NDF : 12.0/16

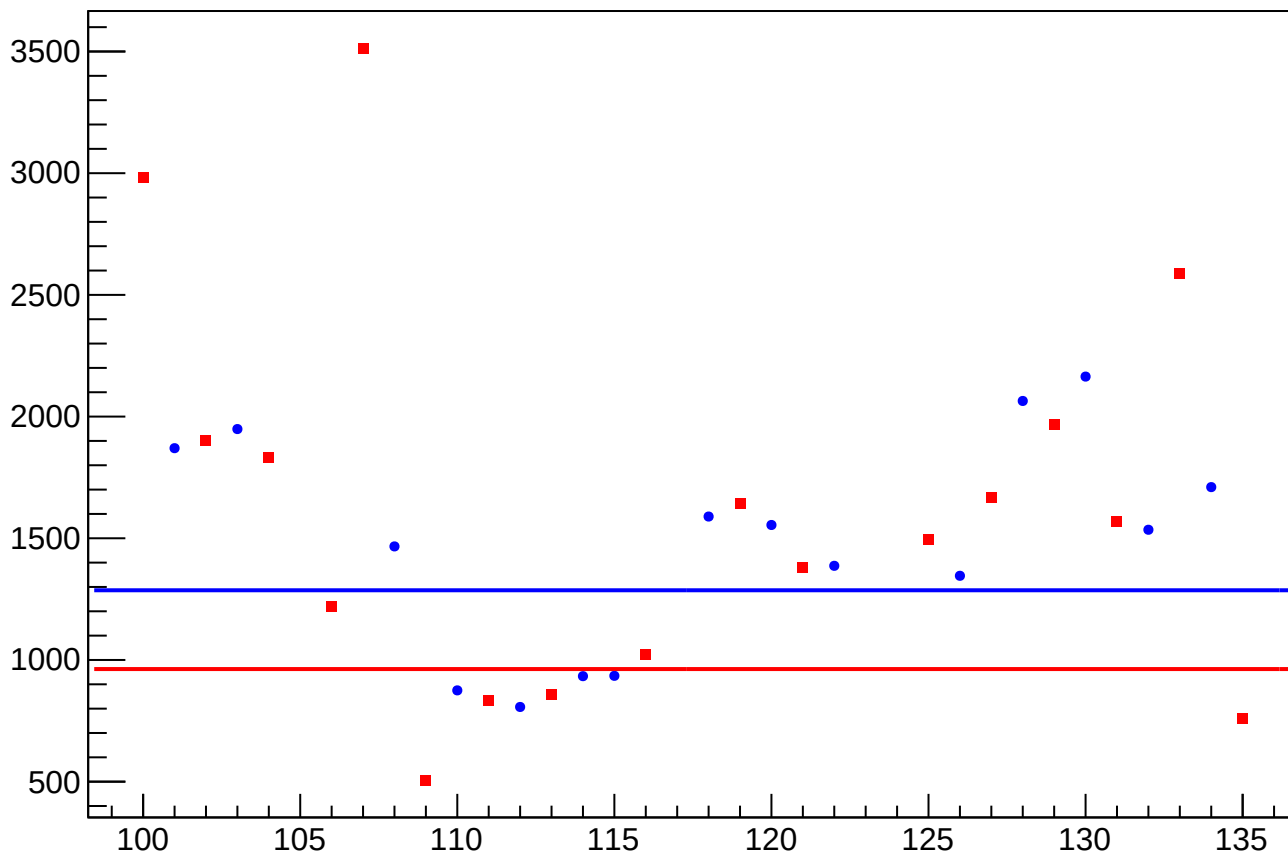
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -495.276+/-326.833 χ^2/NDF : 30.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_correction_rms vs Slug



Right In: 1286.359+/-0.383 χ^2/NDF : 1312688.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

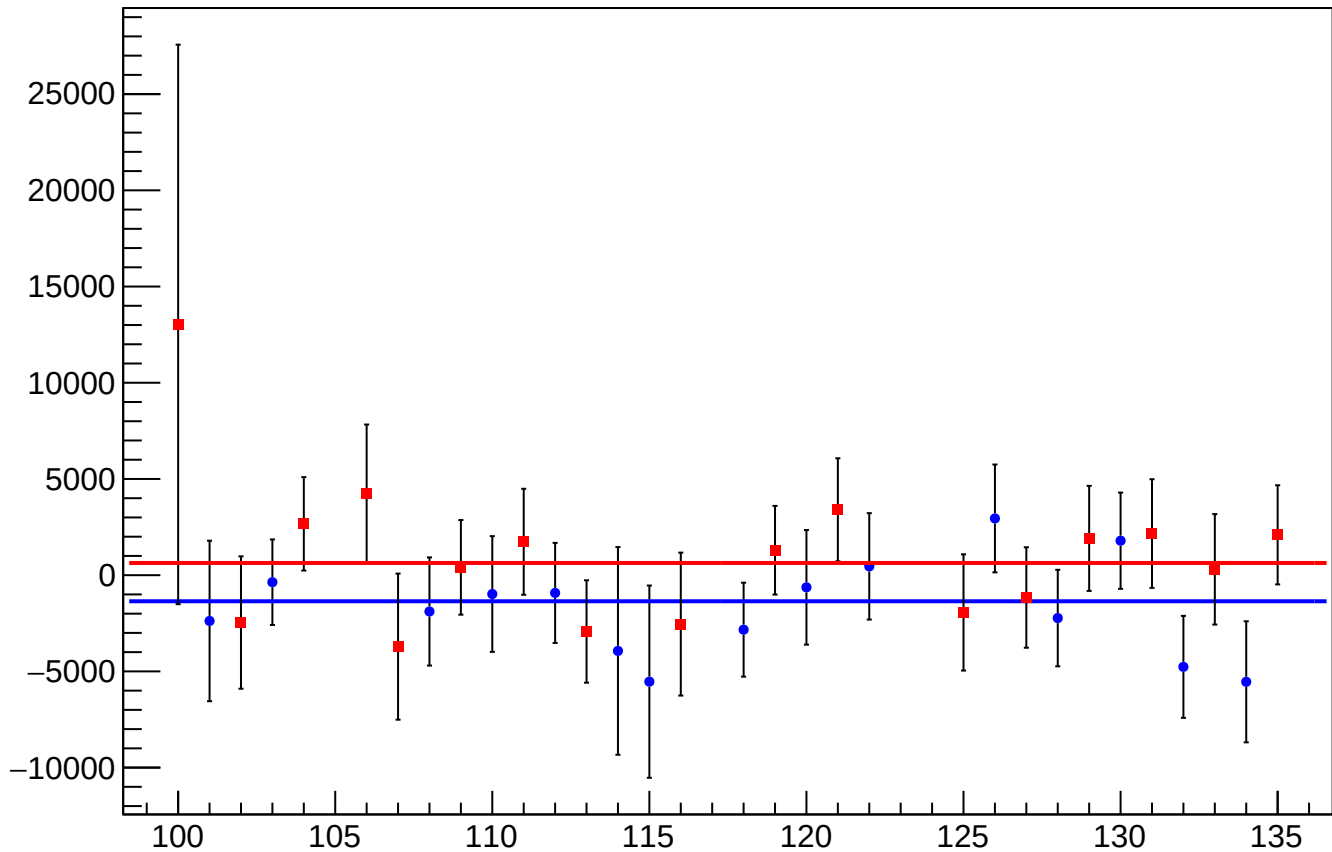
Right Out: 962.658+/-0.290 χ^2/NDF : 3013755.6/16

All: 1080.403+/-0.231 χ^2/NDF : 4780485.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1355.726 $\pm$ 741.214 χ^2 /NDF: 9.6/14

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

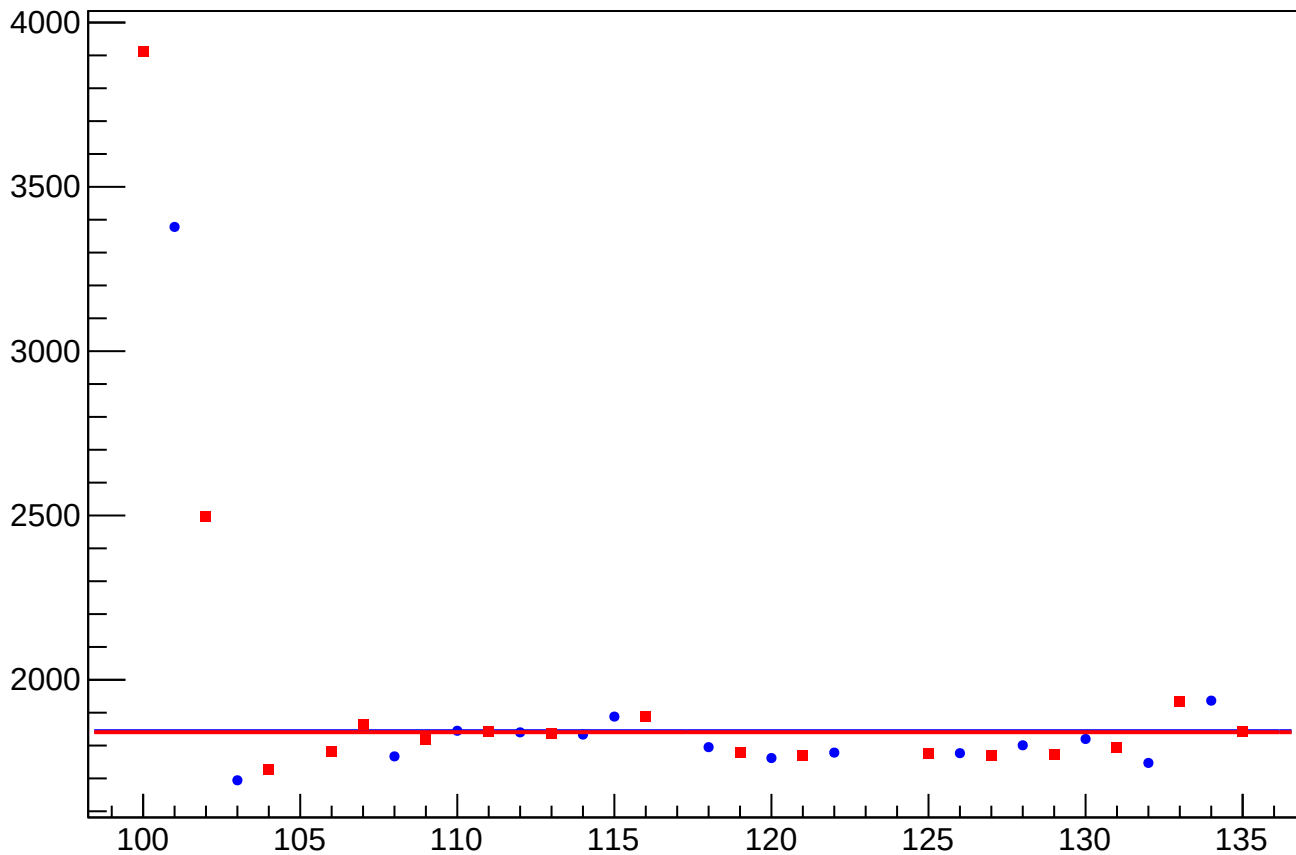
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -305.947 $\pm$ 509.494 χ^2 /NDF: 23.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 1843.681+/-0.524 χ^2/NDF : 291137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1840.658+/-0.496 χ^2/NDF : 128076.1/16

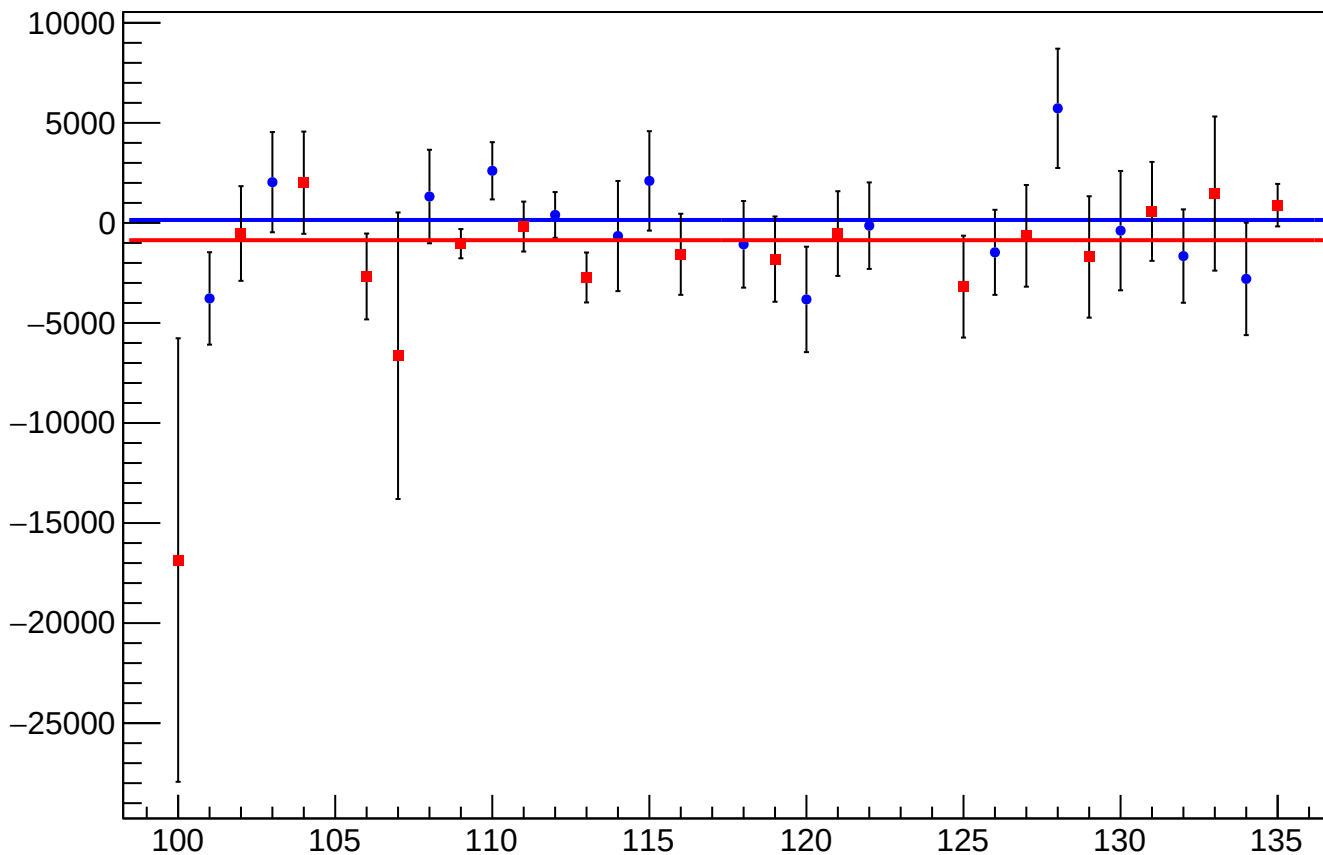
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1842.086+/-0.360 χ^2/NDF : 419230.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_mean vs Slug



Right In: 147.575 $\pm$ 541.907 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -862.798 $\pm$ 409.742 χ^2 /NDF: 12.0/16

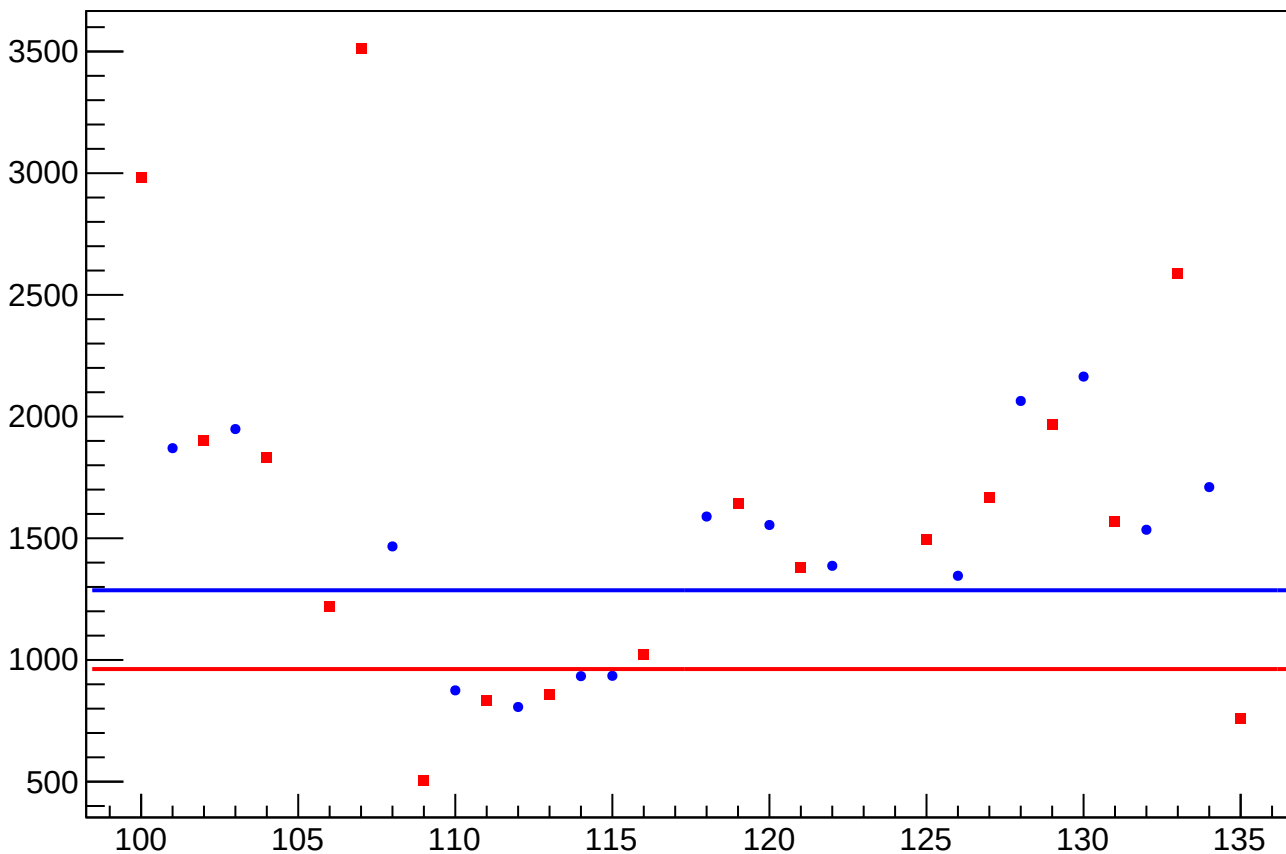
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -495.276 $\pm$ 326.832 χ^2 /NDF: 30.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_correction_rms vs Slug



Right In: 1286.351+/-0.383 χ^2/NDF : 1312702.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

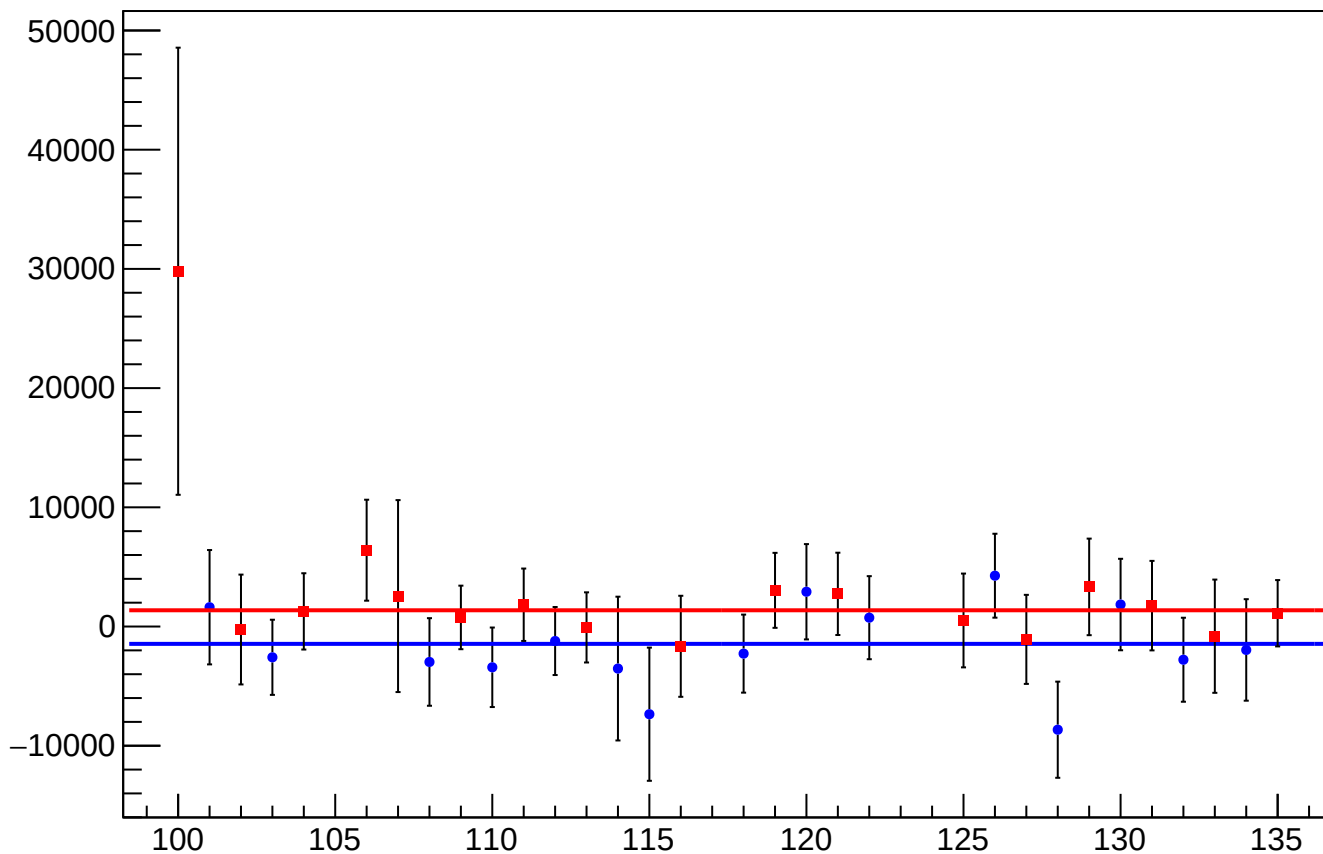
Right Out: 962.659+/-0.290 χ^2/NDF : 3013733.7/16

All: 1080.402+/-0.231 χ^2/NDF : 4780454.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_mean vs Slug



Right In: -1454.627+/-964.670 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1362.889+/-888.762 χ^2/NDF : 6.1/16

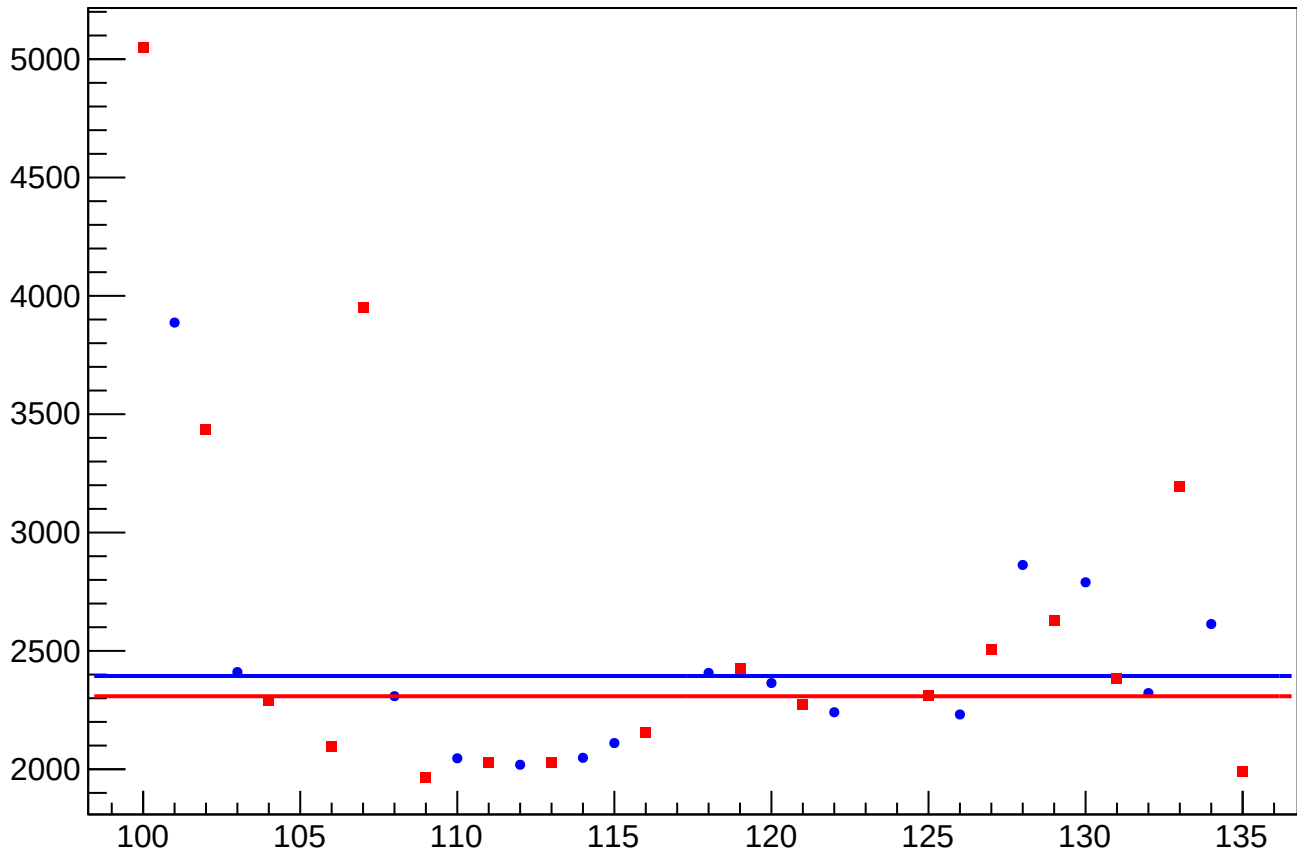
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.330+/-653.640 χ^2/NDF : 21.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_rms vs Slug



Right In: 2393.949+/-0.682 χ^2/NDF : 325704.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

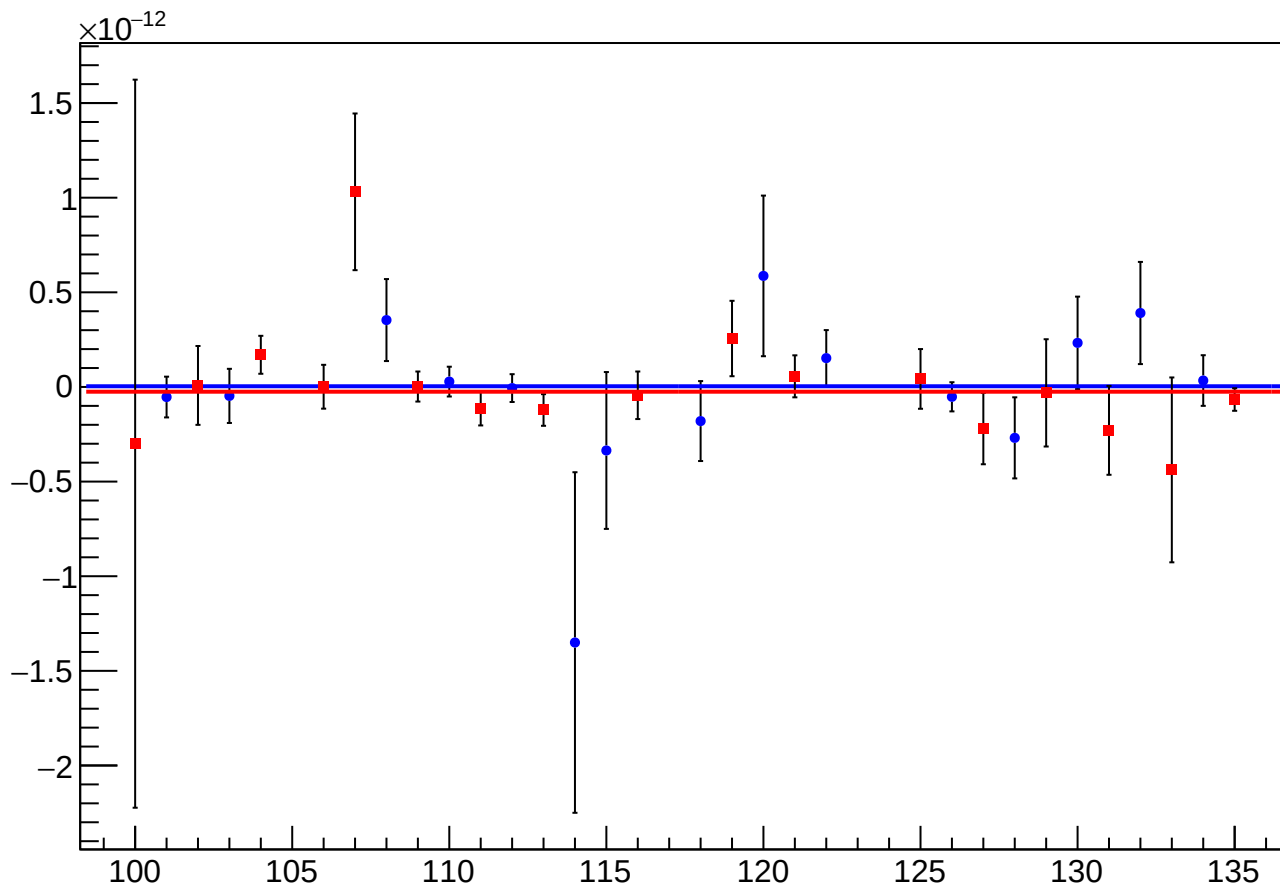
Right Out: 2308.347+/-0.628 χ^2/NDF : 439109.4/16

All: 2347.647+/-0.462 χ^2/NDF : 773332.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/16

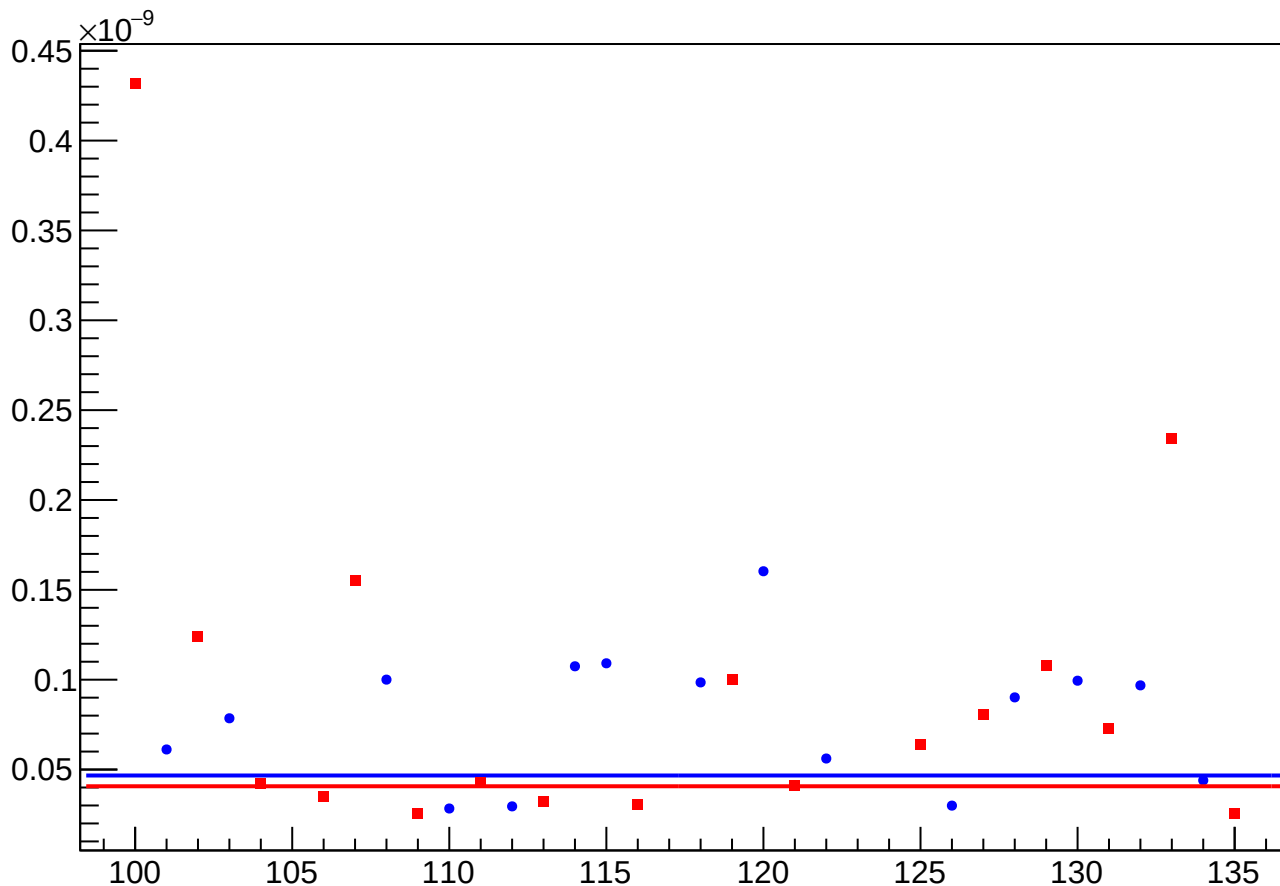
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 33.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1141715.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1575442.5/16

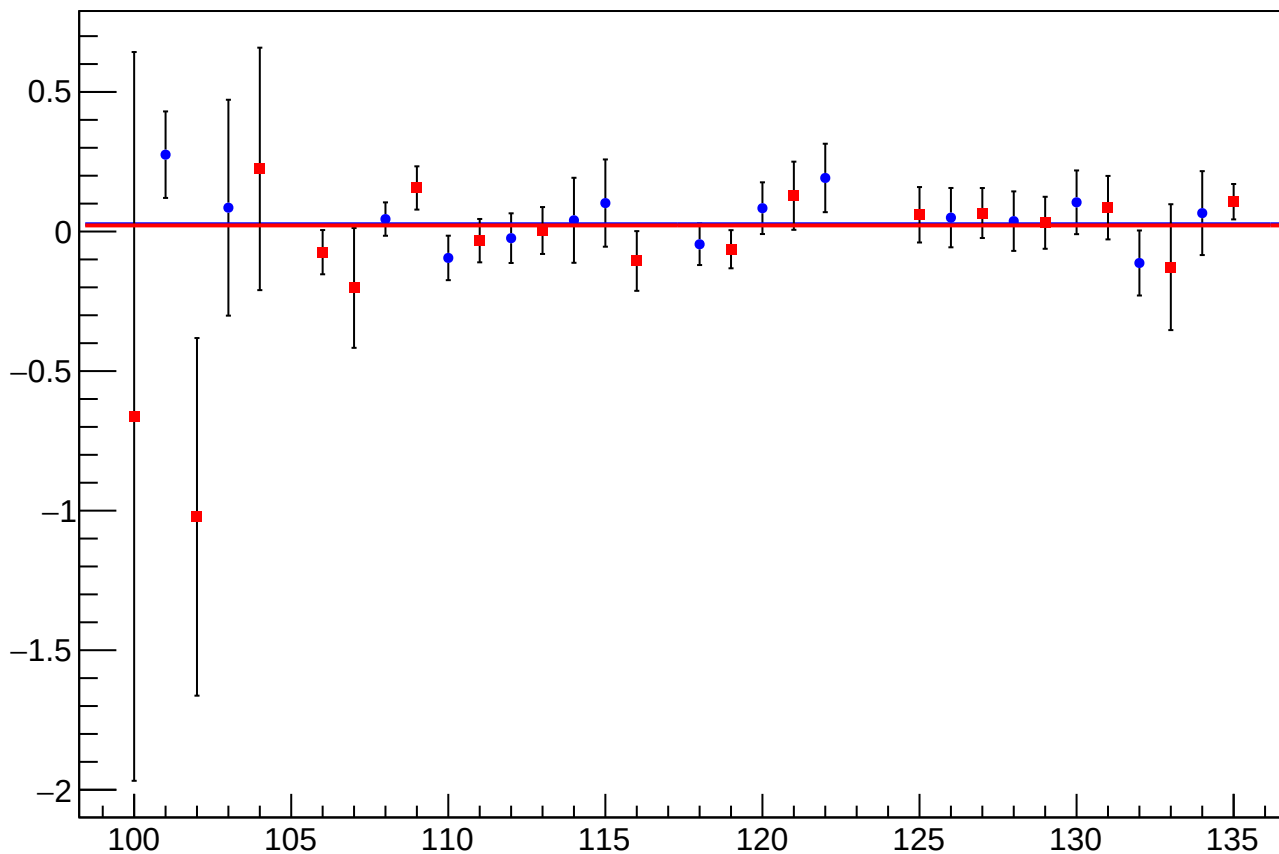
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2752920.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.026 χ^2 /NDF: 10.7/14

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

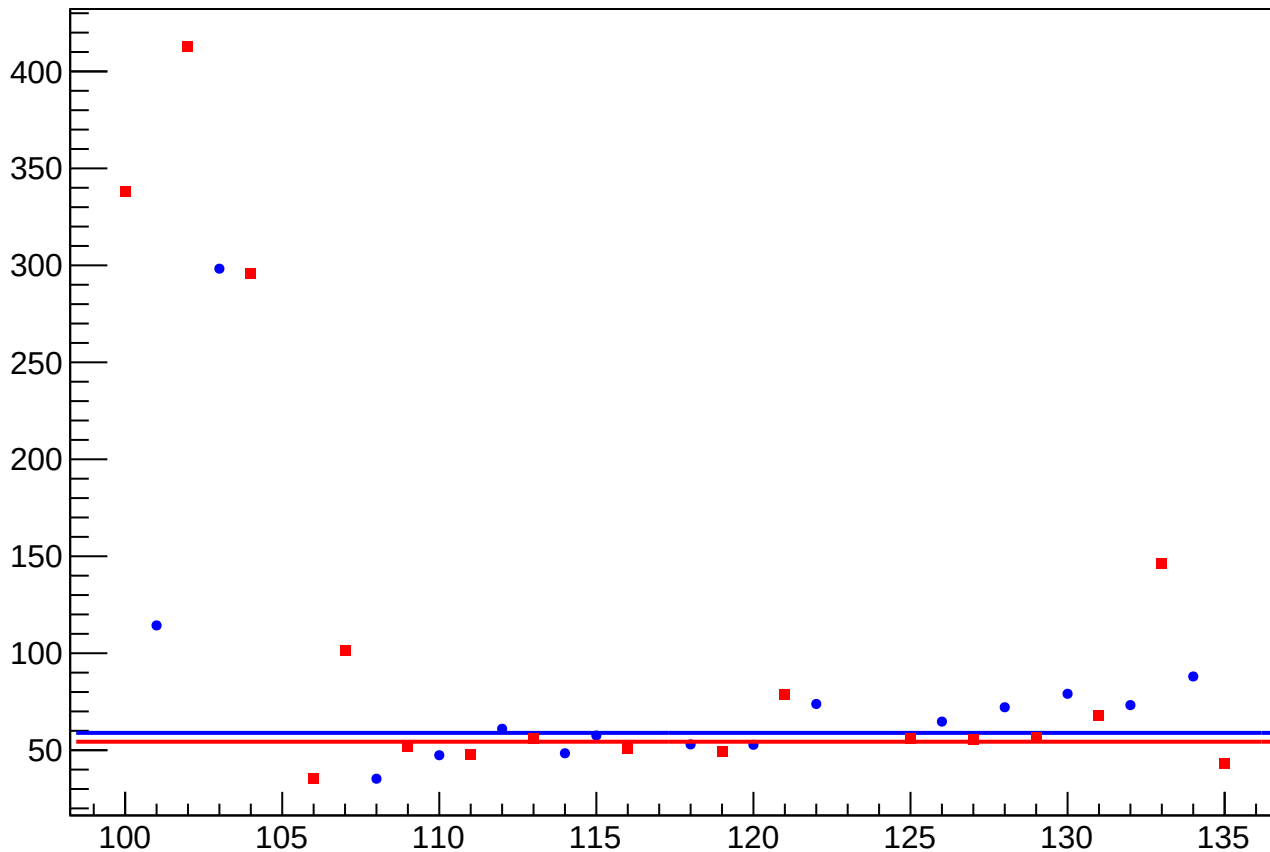
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.018 χ^2 /NDF: 26.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_cor_diff_rms vs Slug



Right In: 58.944+/-0.019 χ^2/NDF : 1642001.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.378+/-0.017 χ^2/NDF : 2088960.0/16

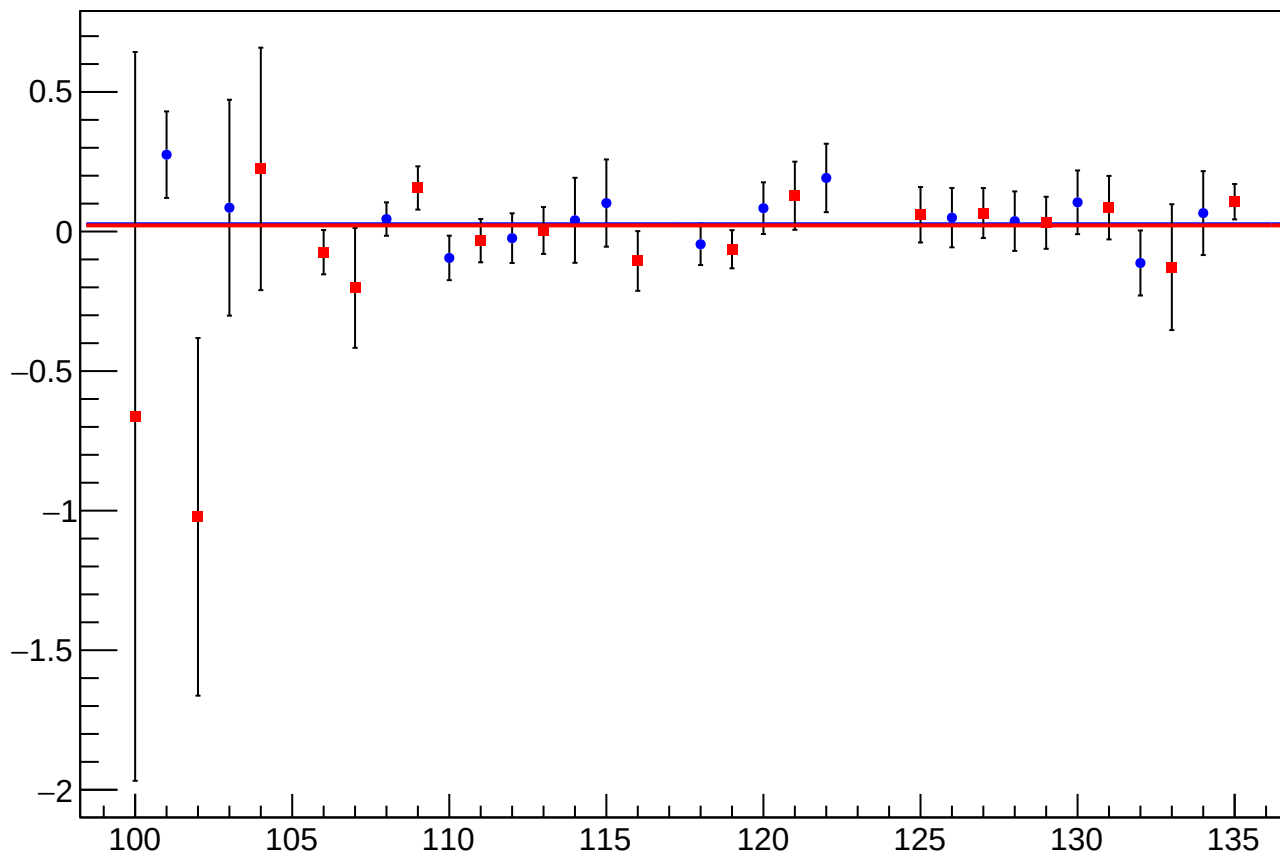
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.452+/-0.013 χ^2/NDF : 3763512.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.026+/-0.026 χ^2/NDF : 10.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.022+/-0.024 χ^2/NDF : 15.9/16

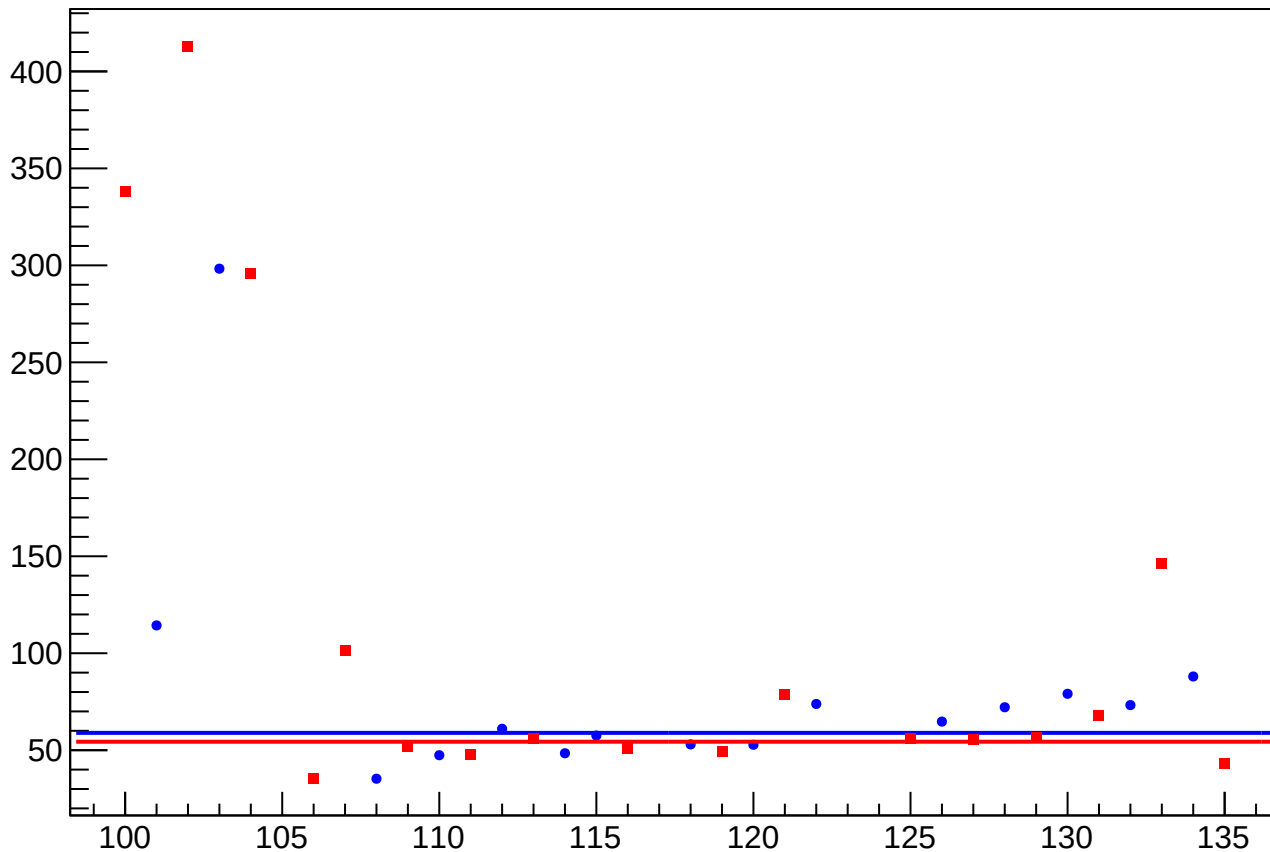
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.024+/-0.018 χ^2/NDF : 26.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.944+/-0.019 χ^2/NDF : 1642001.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.378+/-0.017 χ^2/NDF : 2088960.0/16

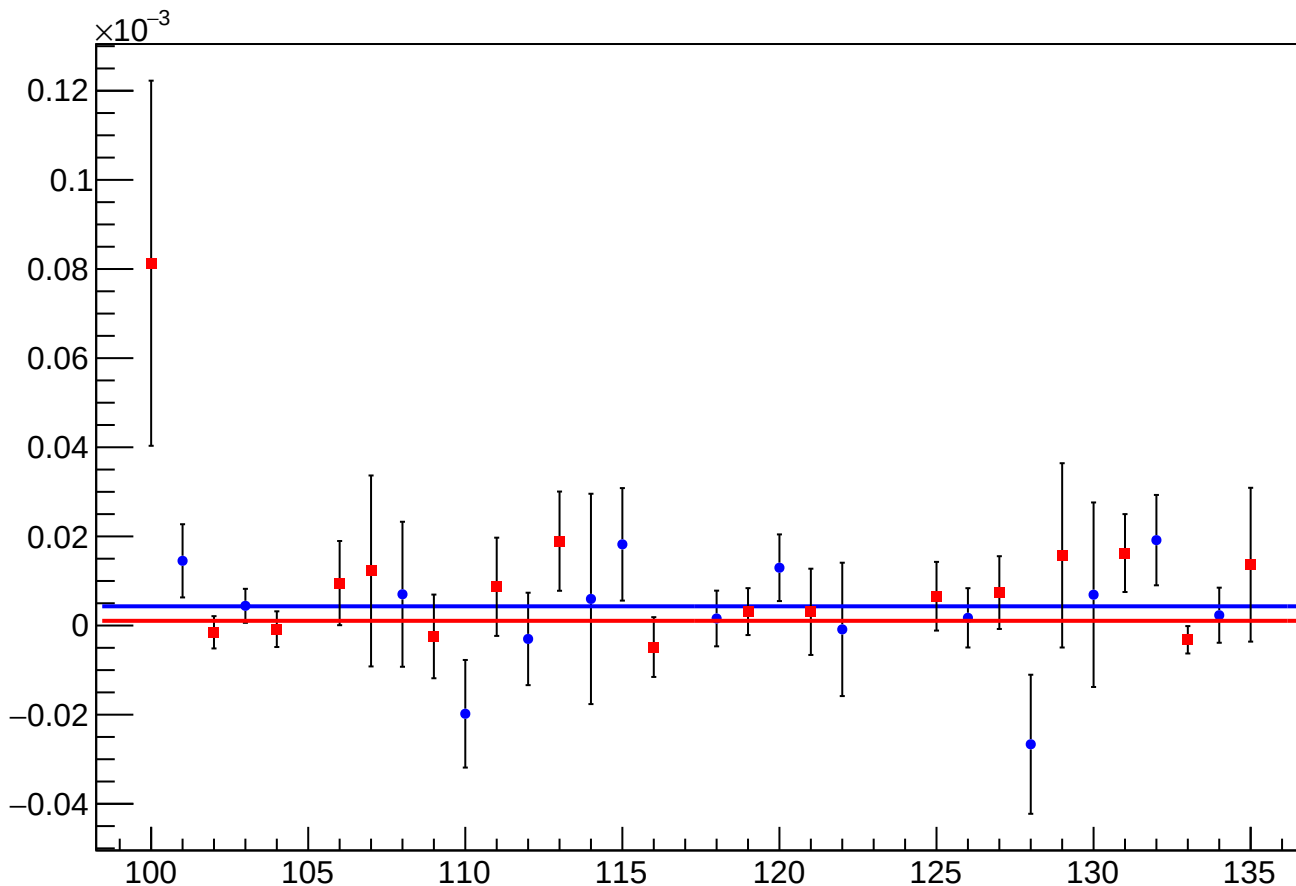
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.452+/-0.013 χ^2/NDF : 3763512.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/16

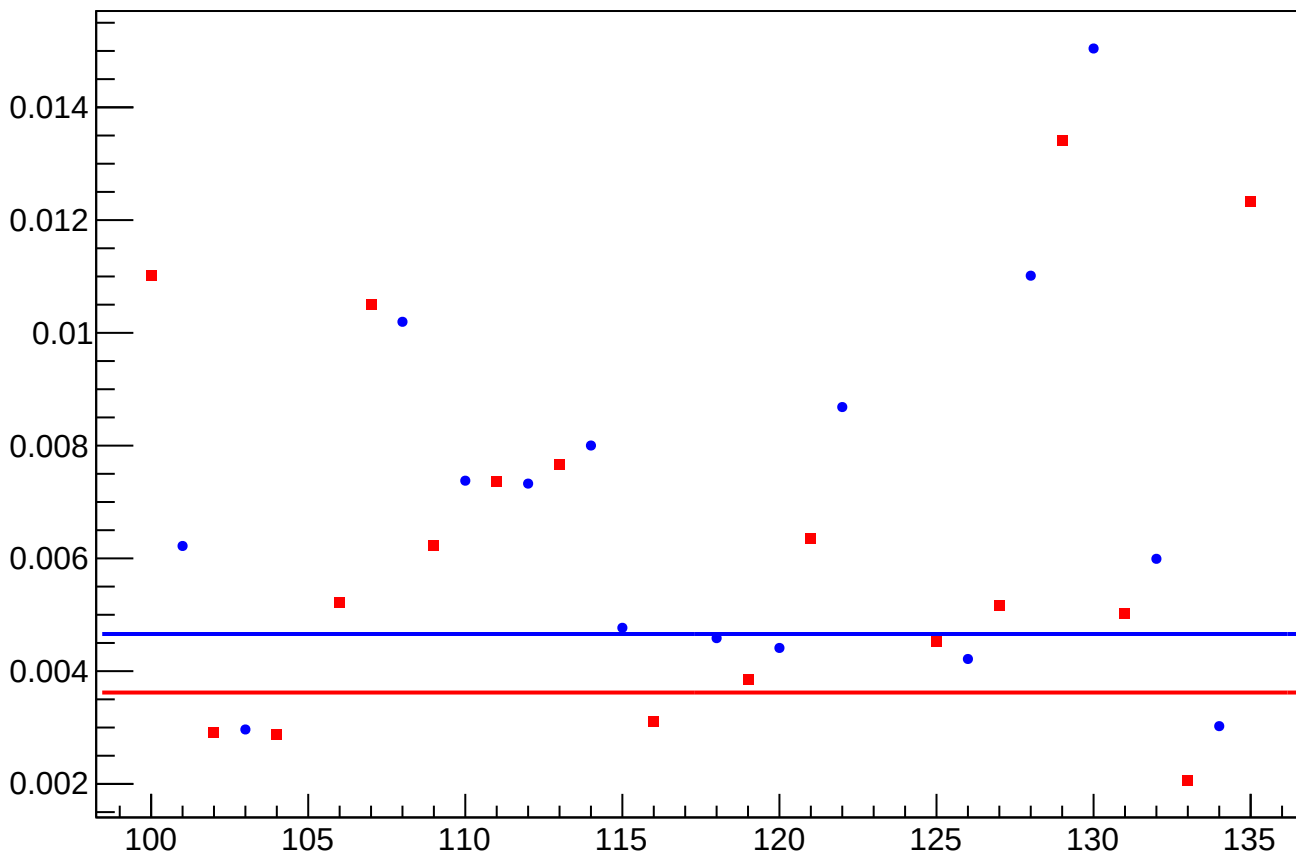
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 2137904.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2922672.8/16

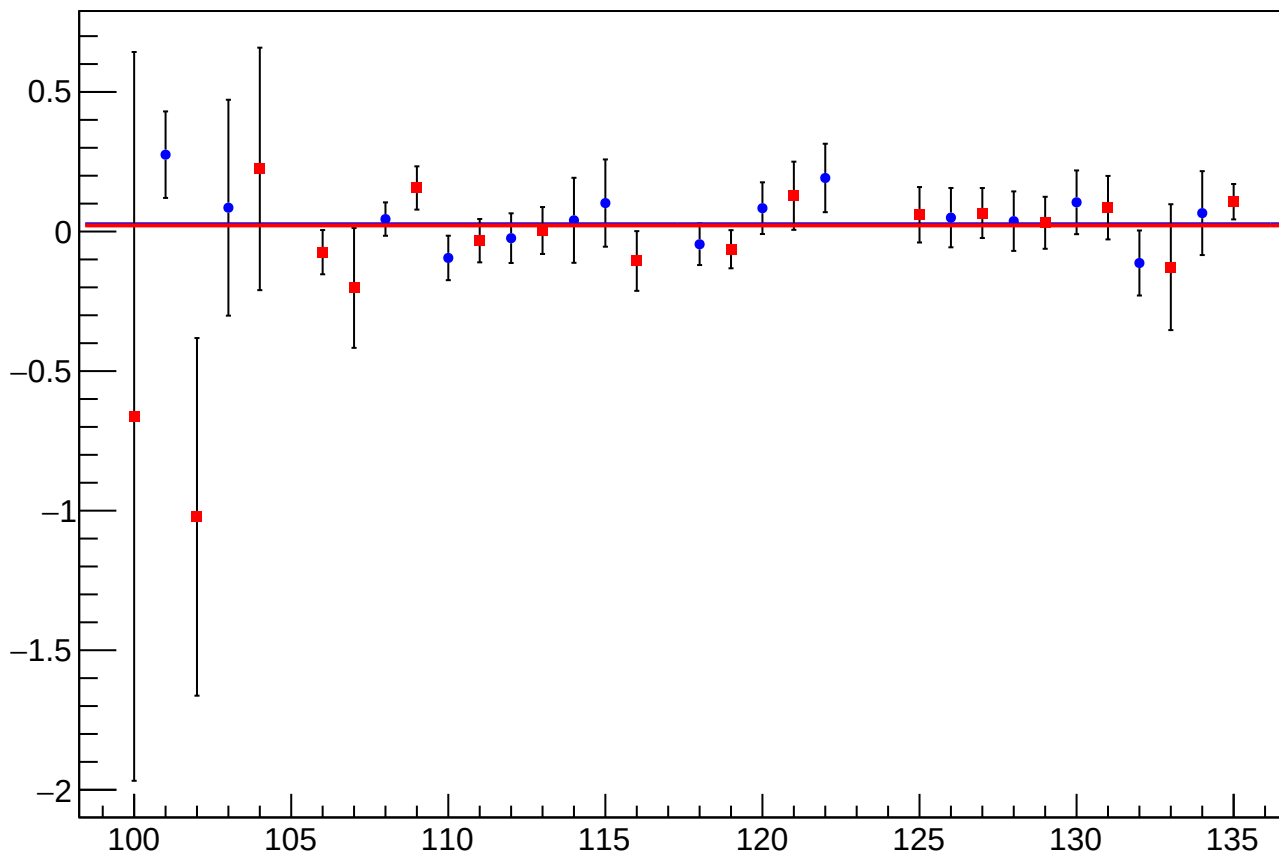
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 5372168.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.026 χ^2 /NDF: 10.7/14

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

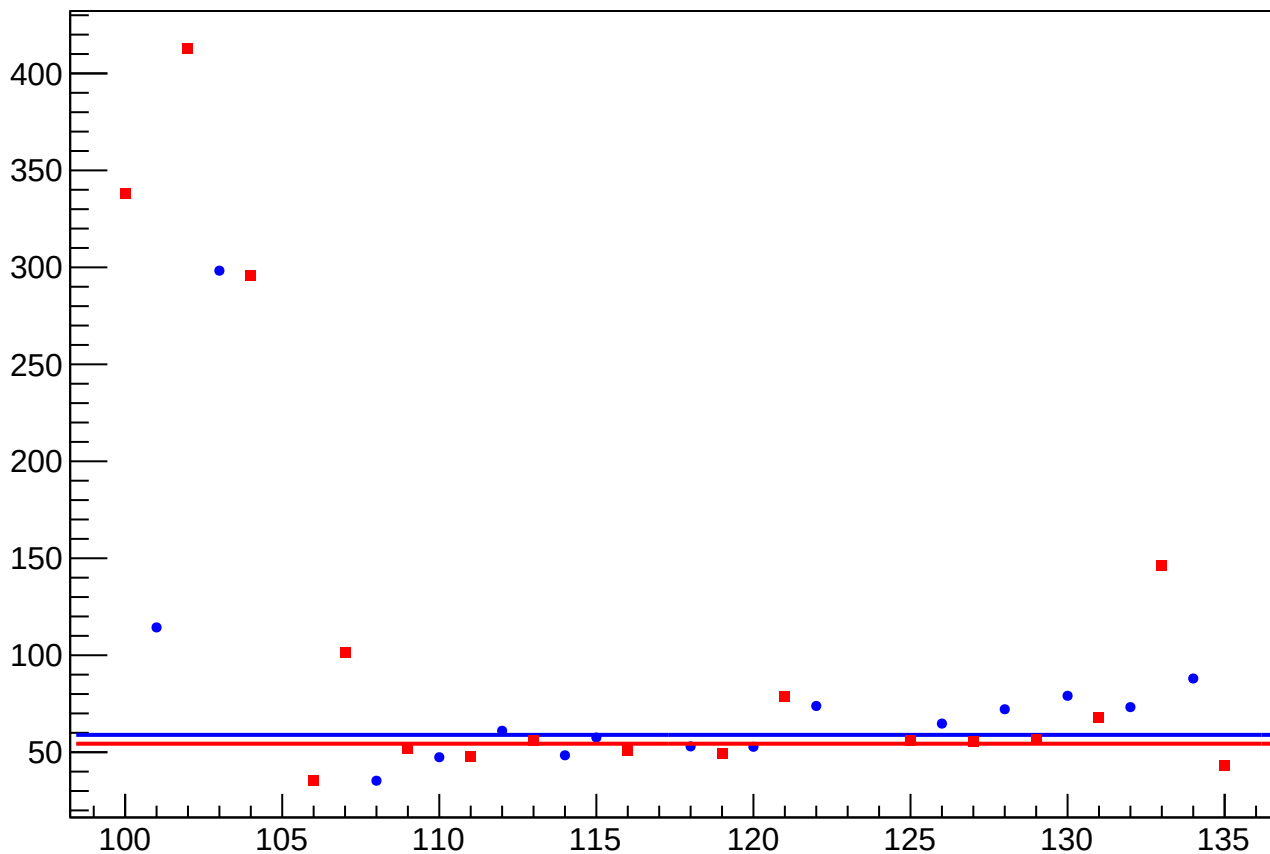
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.018 χ^2 /NDF: 26.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.945+/-0.019 χ^2/NDF : 1641818.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.378+/-0.017 χ^2/NDF : 2088924.3/16

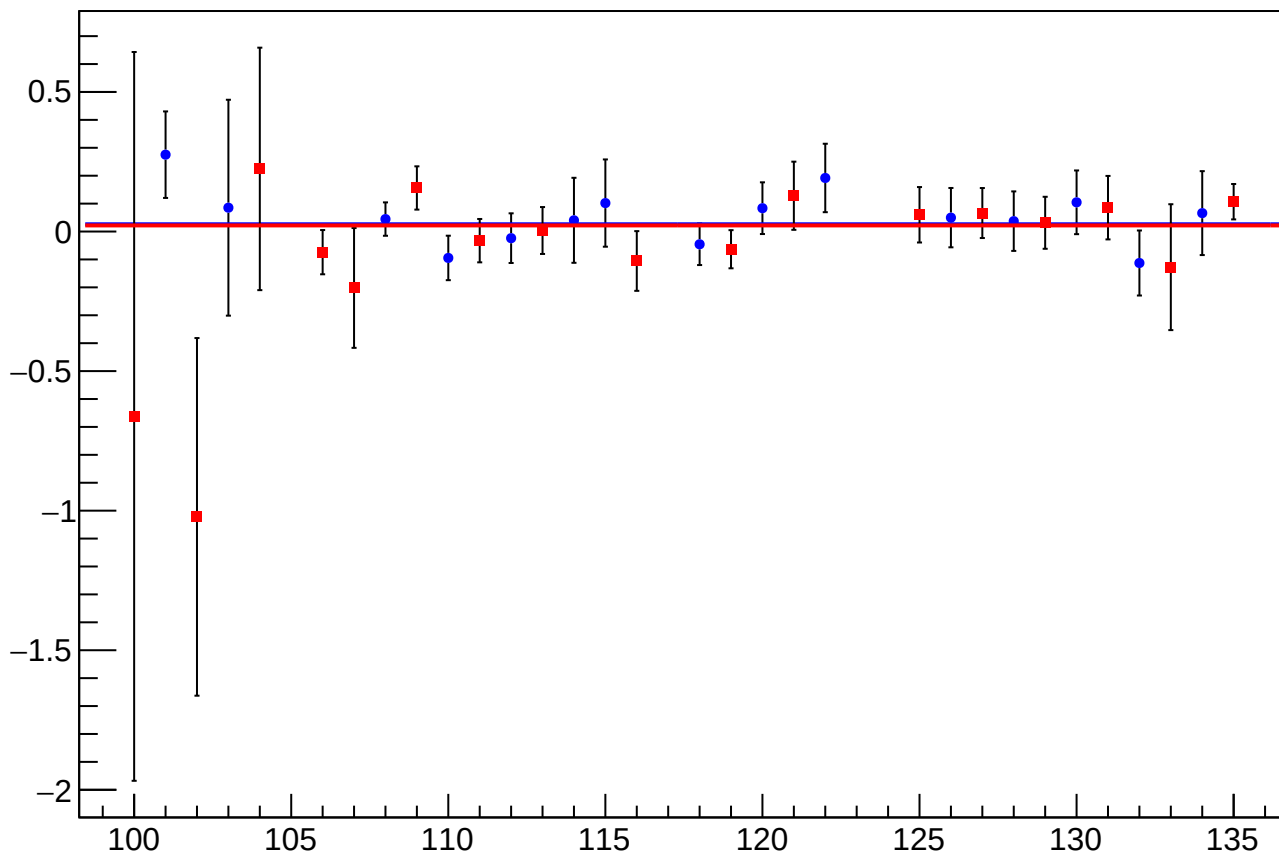
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.453+/-0.013 χ^2/NDF : 3763308.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.026 $\pm$ 0.026 χ^2 /NDF: 10.7/14

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

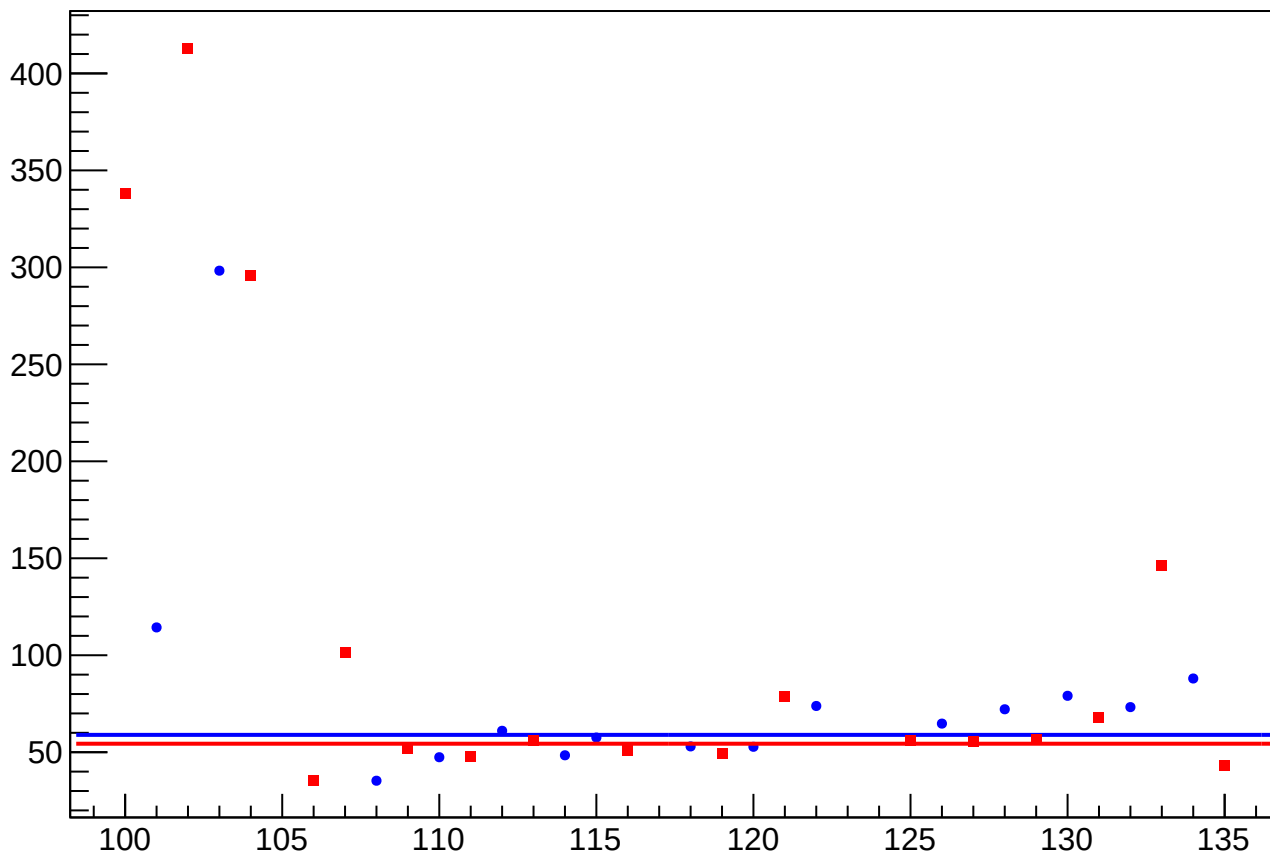
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.018 χ^2 /NDF: 26.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.945+/-0.019 χ^2/NDF : 1641818.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.378+/-0.017 χ^2/NDF : 2088924.3/16

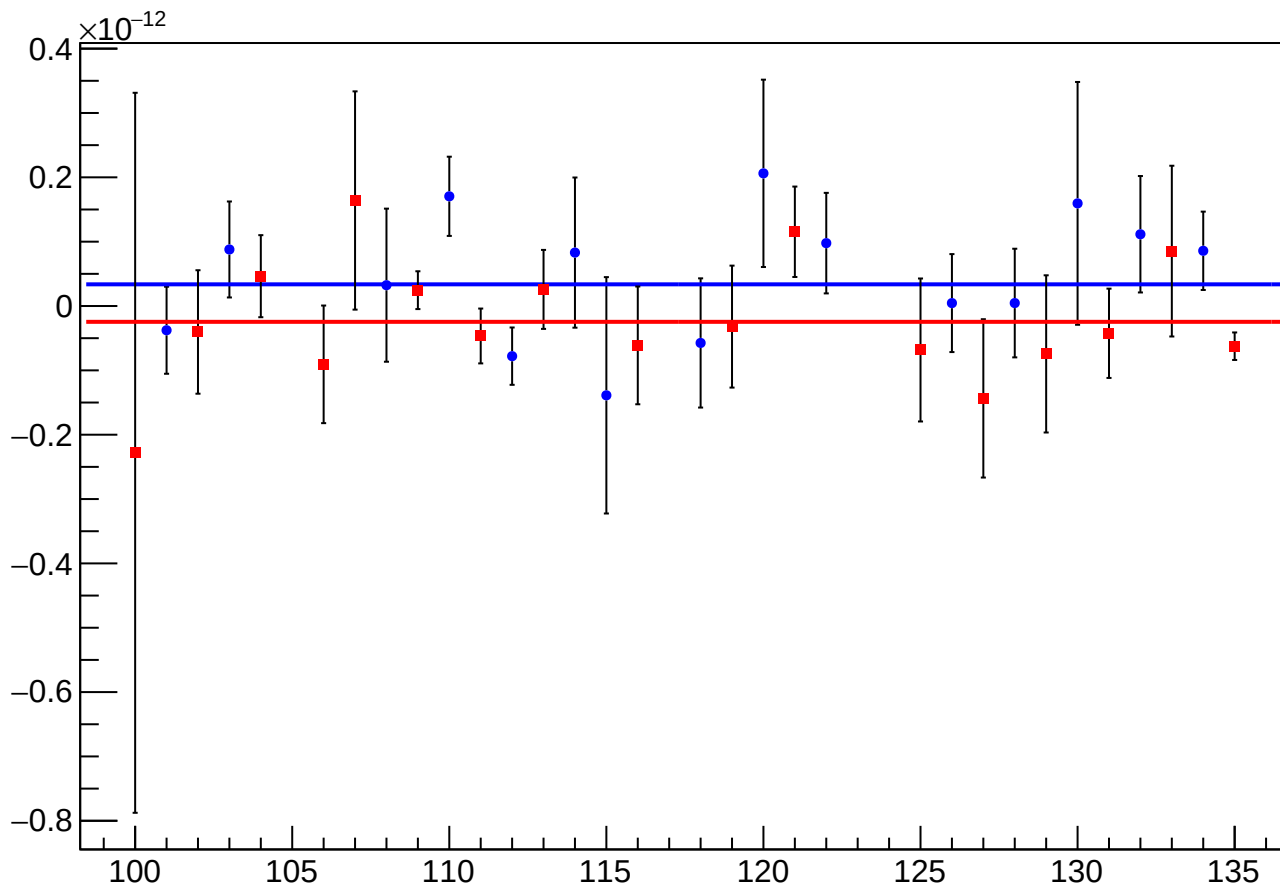
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 56.453+/-0.013 χ^2/NDF : 3763308.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/16

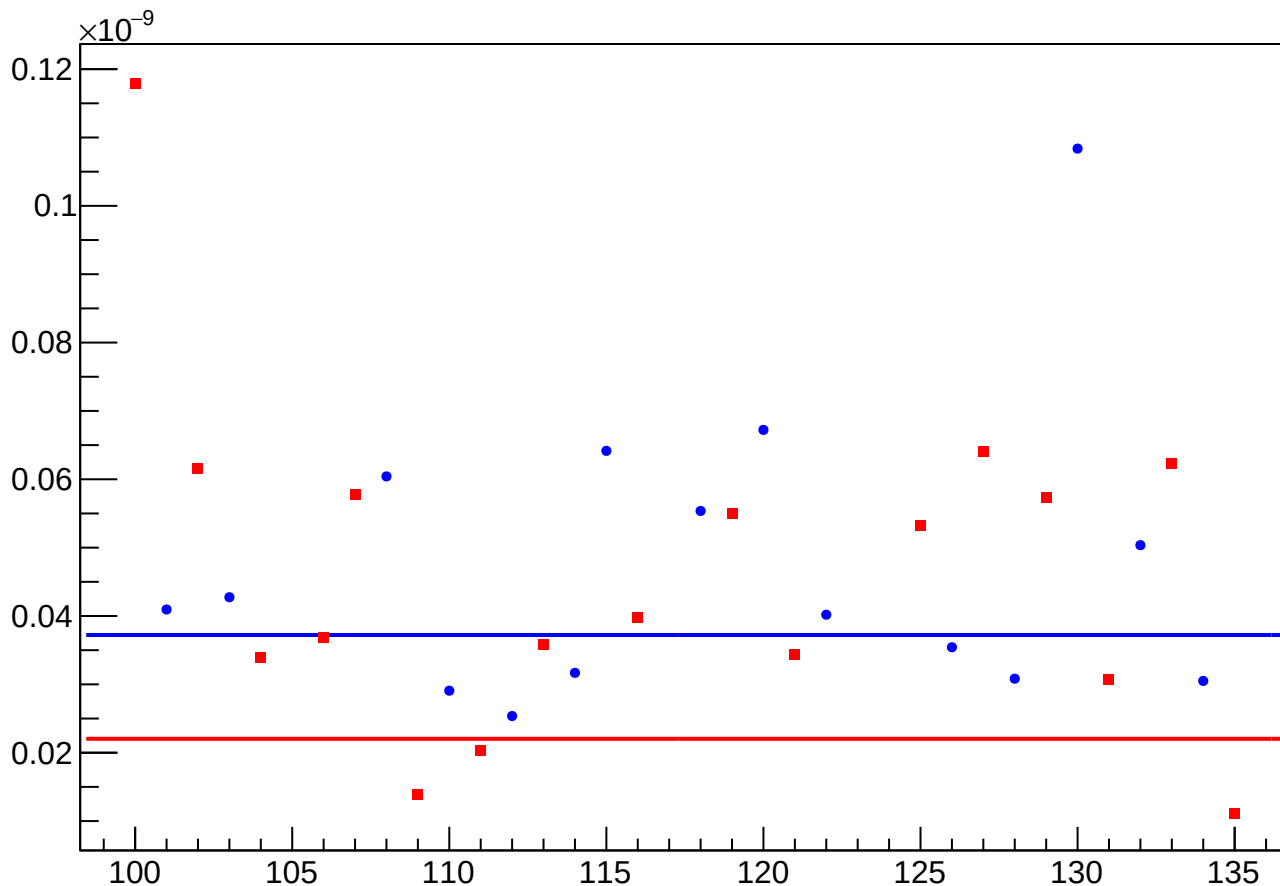
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 833985.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2544815.4/16

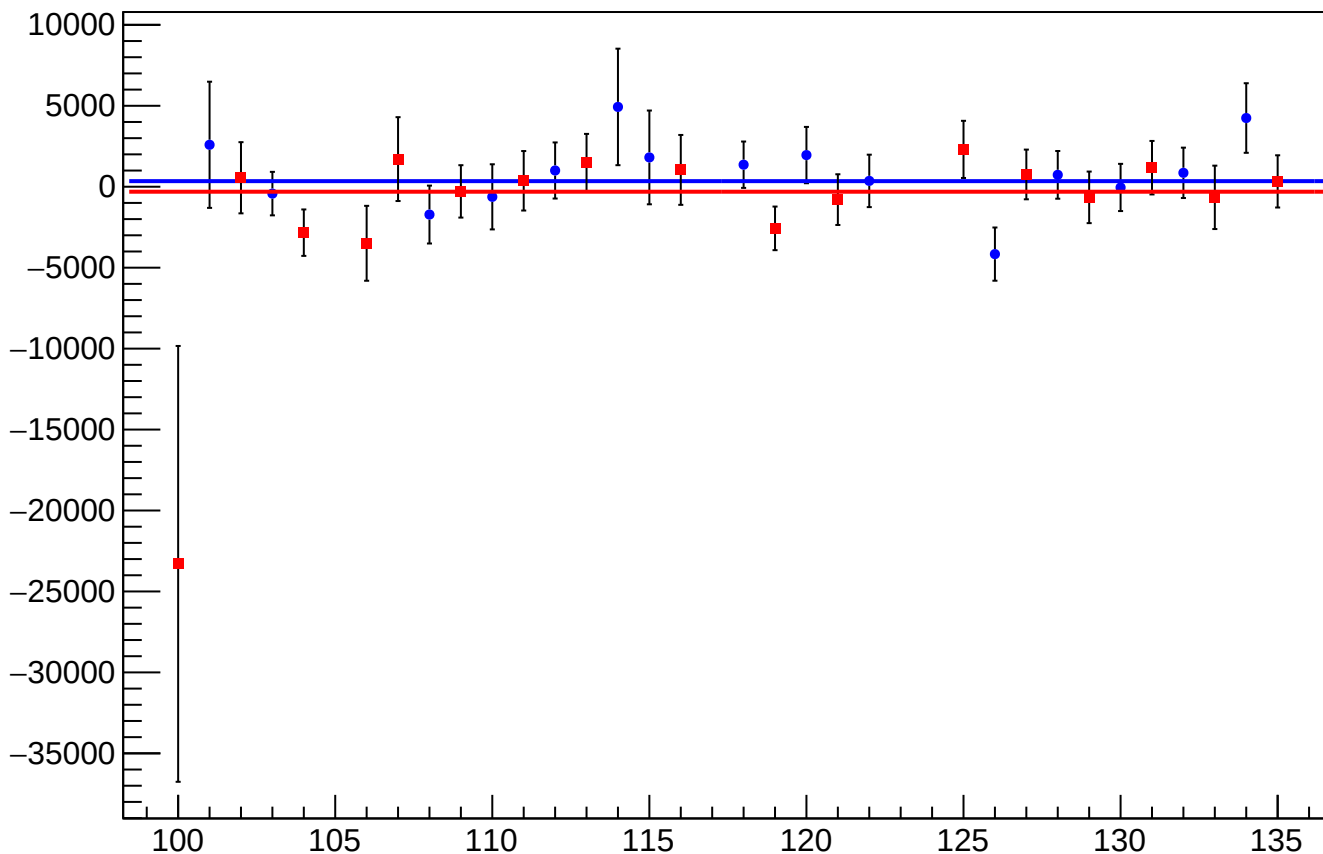
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4149266.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 345.331+/-454.574 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -307.678+/-432.110 χ^2/NDF : 16.9/16

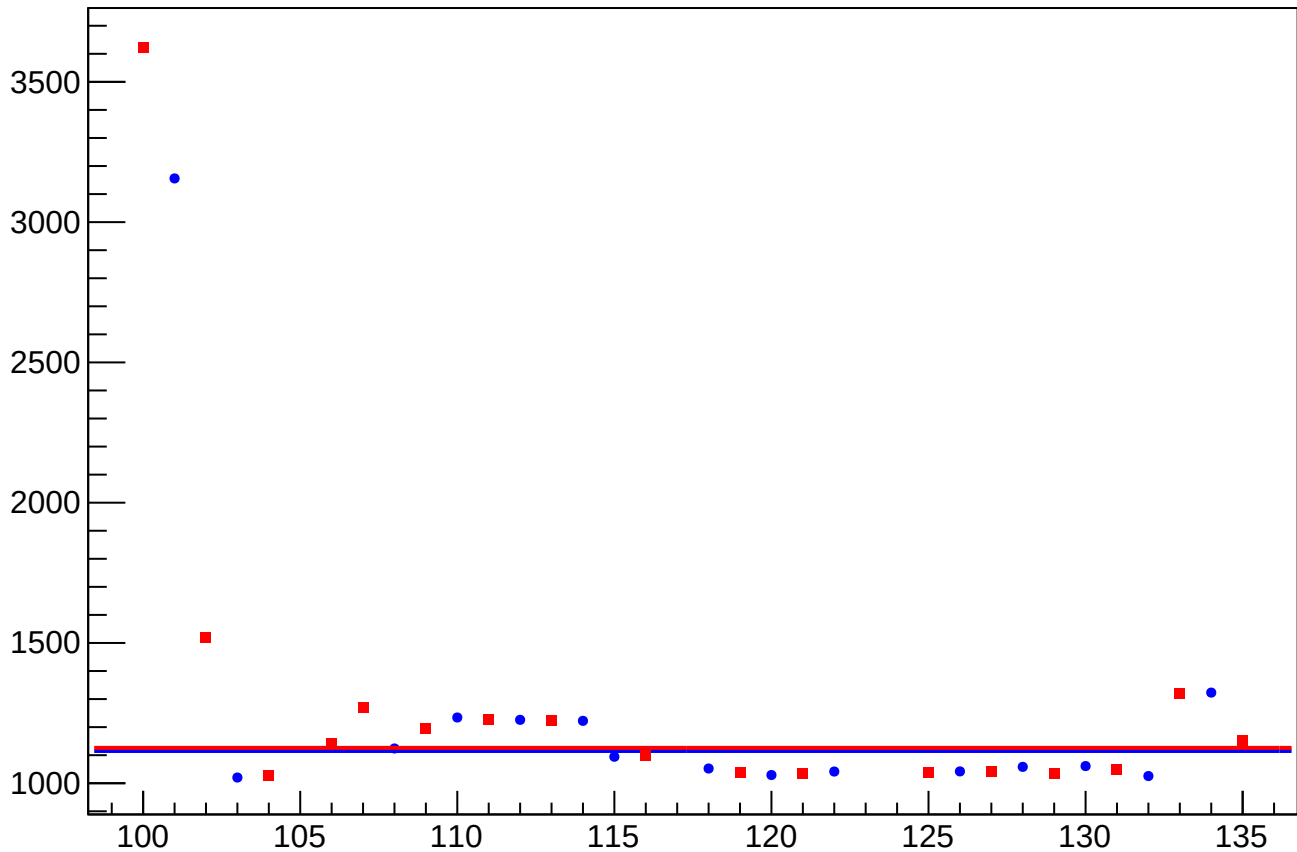
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.293+/-313.188 χ^2/NDF : 34.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1115.015+/-0.321 χ^2 /NDF: 623303.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 1126.070+/-0.306 χ^2 /NDF: 222104.9/16

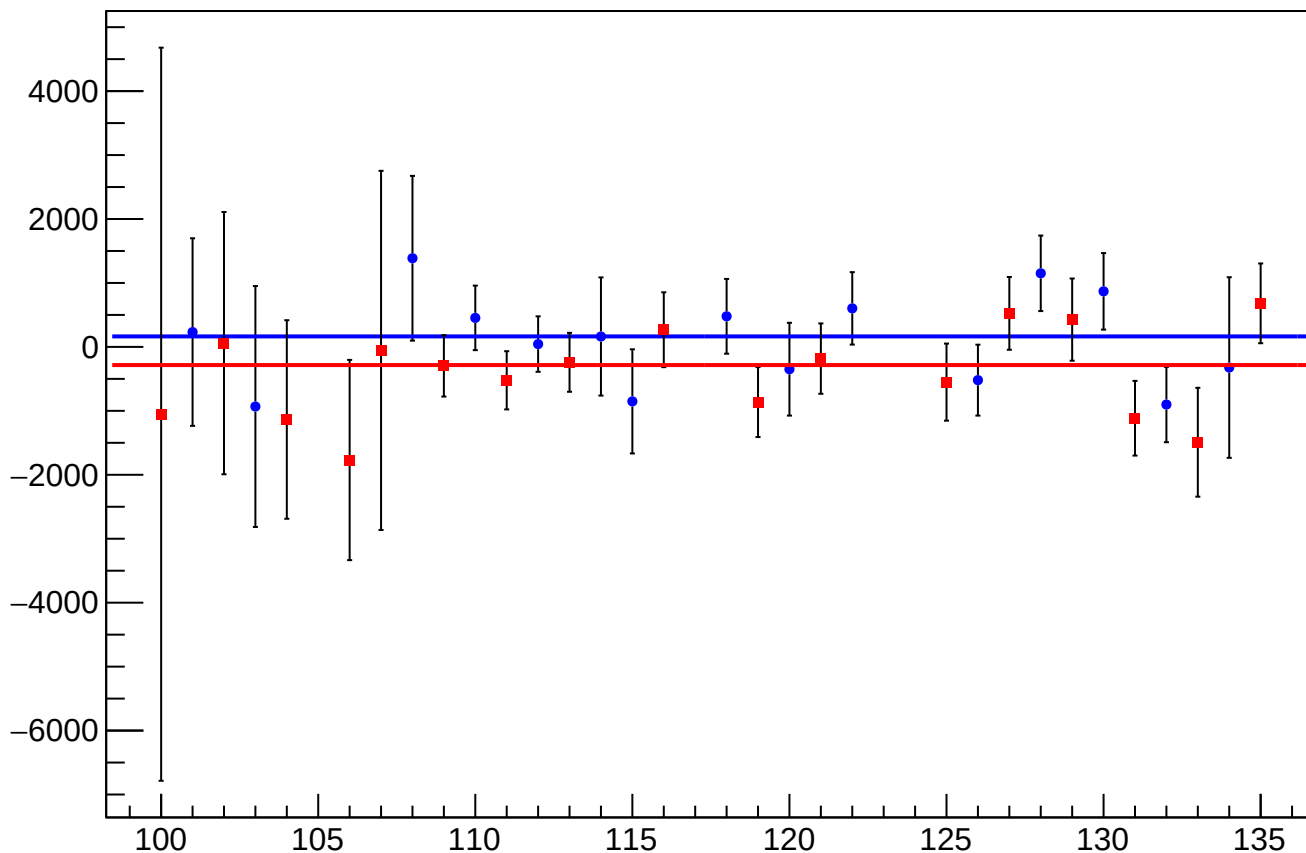
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 1120.822+/-0.221 χ^2 /NDF: 846029.4/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_mean vs Slug



Right In: 164.004 $\pm$ 172.748 χ^2 /NDF: 13.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -284.126 $\pm$ 158.524 χ^2 /NDF: 13.4/16

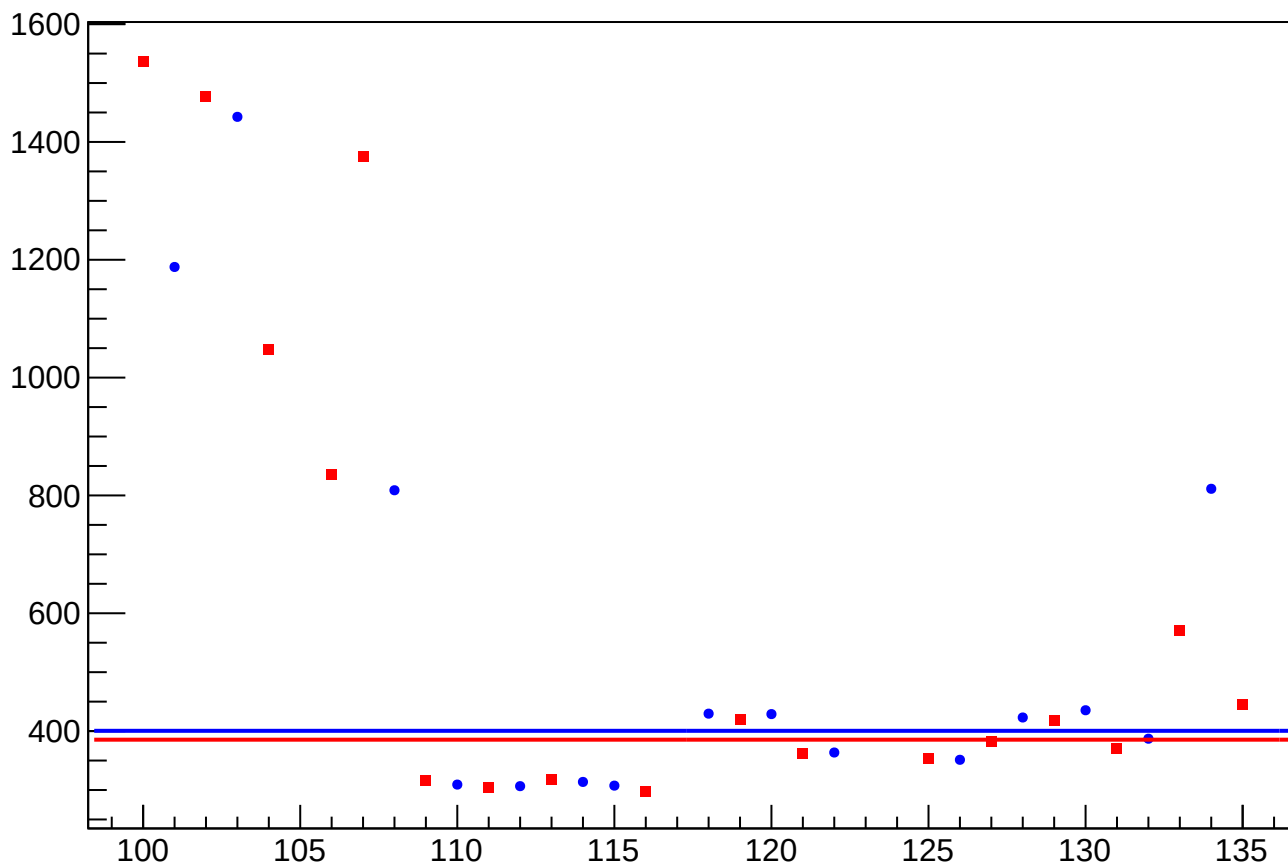
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -79.268 $\pm$ 116.799 χ^2 /NDF: 30.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_correction_rms vs Slug



Right In: 400.468+/-0.122 χ^2/NDF : 1804565.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 385.410+/-0.112 χ^2/NDF : 1757638.6/16

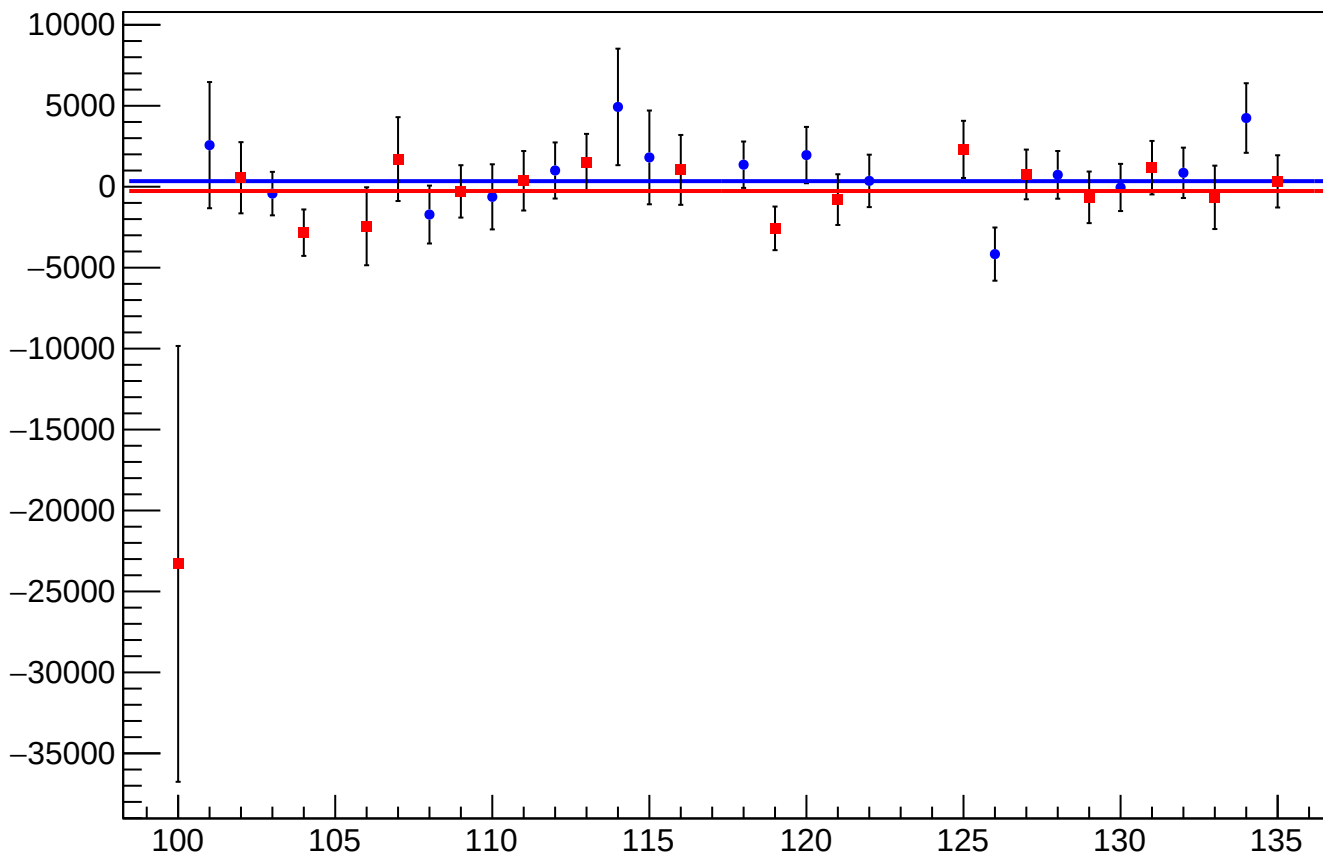
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.293+/-0.083 χ^2/NDF : 3570453.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 344.877 $\pm$ 454.574 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.137 $\pm$ 432.692 χ^2 /NDF: 15.8/16

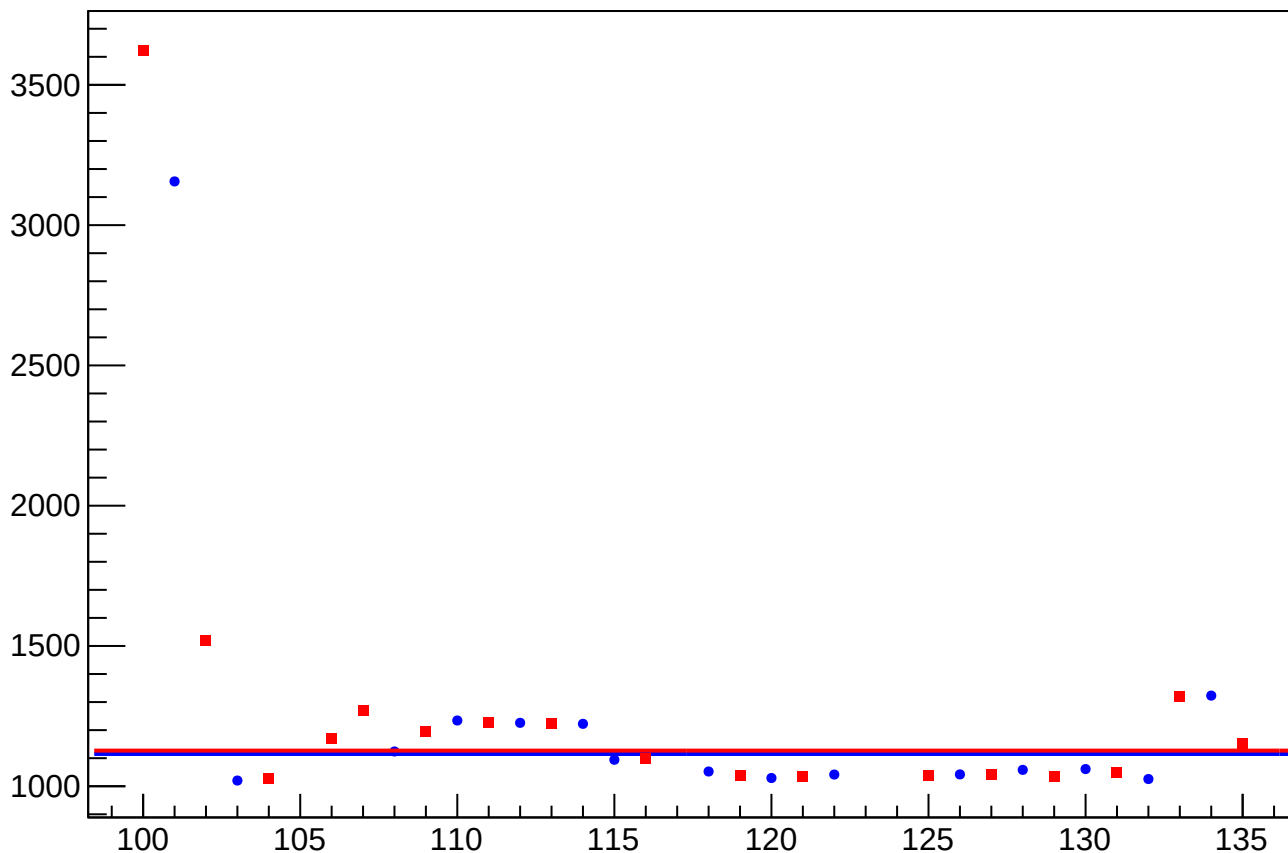
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.835 $\pm$ 313.410 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.043+/-0.306 χ^2/NDF : 222737.6/16

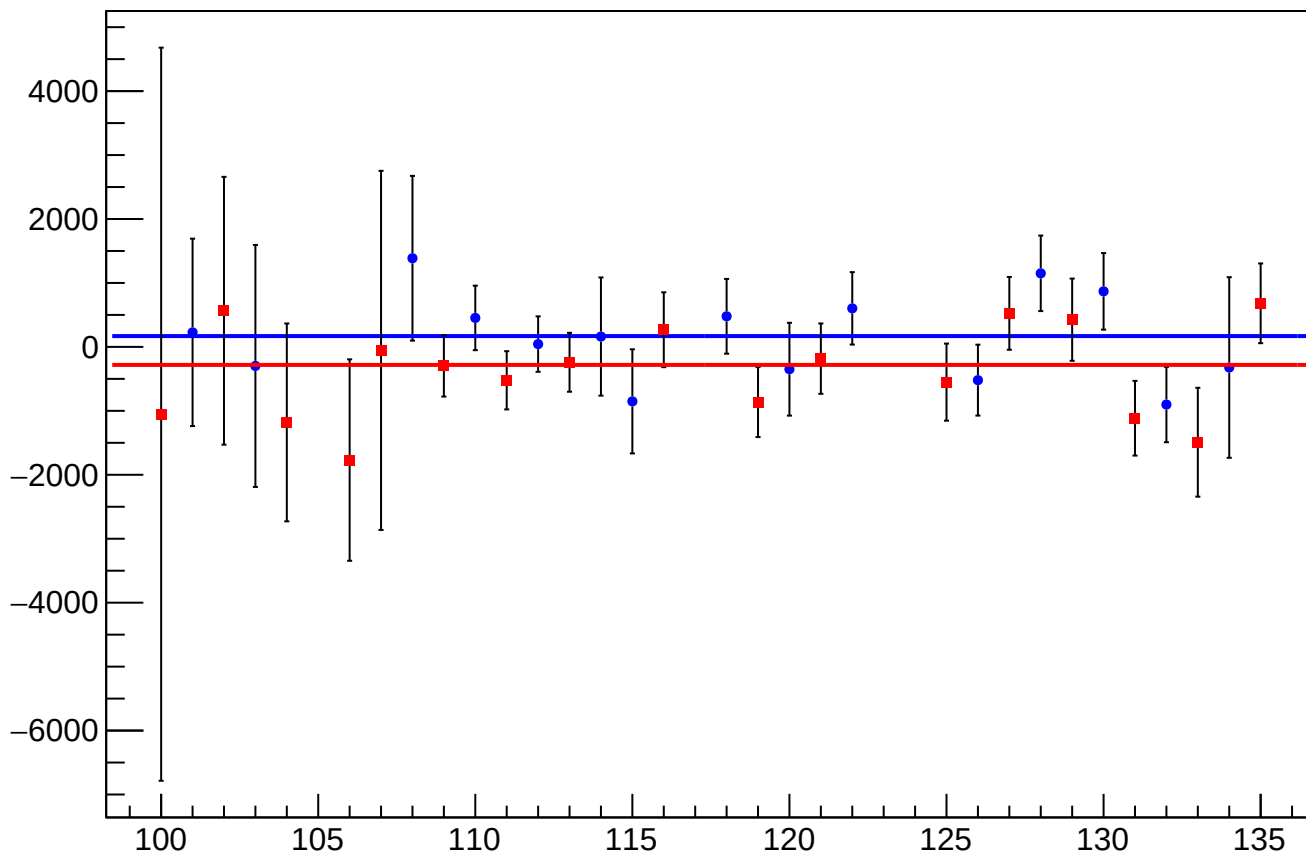
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.325+/-0.222 χ^2/NDF : 846776.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_mean vs Slug



Right In: 169.107 $\pm$ 172.750 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -281.714 $\pm$ 158.548 χ^2 /NDF: 13.6/16

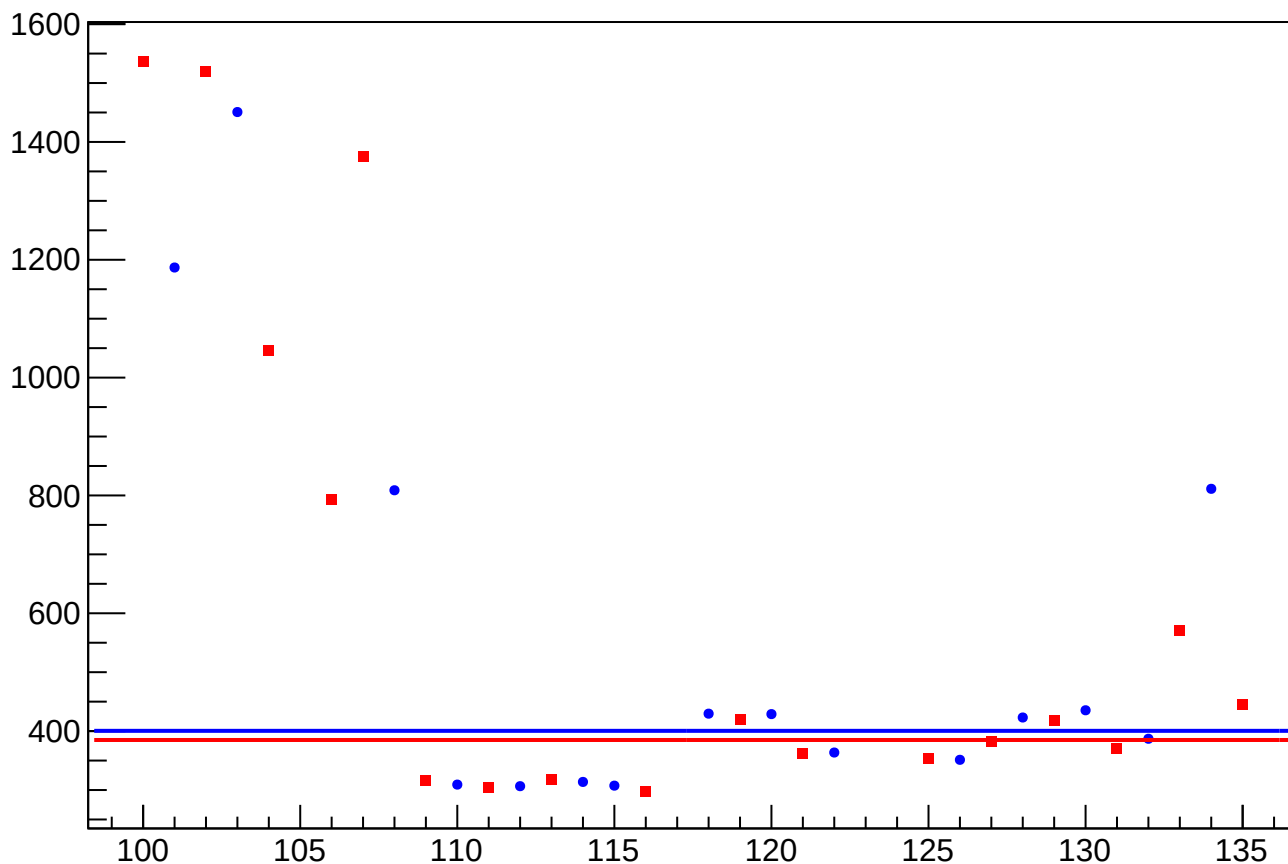
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.593 $\pm$ 116.809 χ^2 /NDF: 30.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_cor_correction_rms vs Slug



Right In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.931+/-0.112 χ^2/NDF : 1745619.8/16

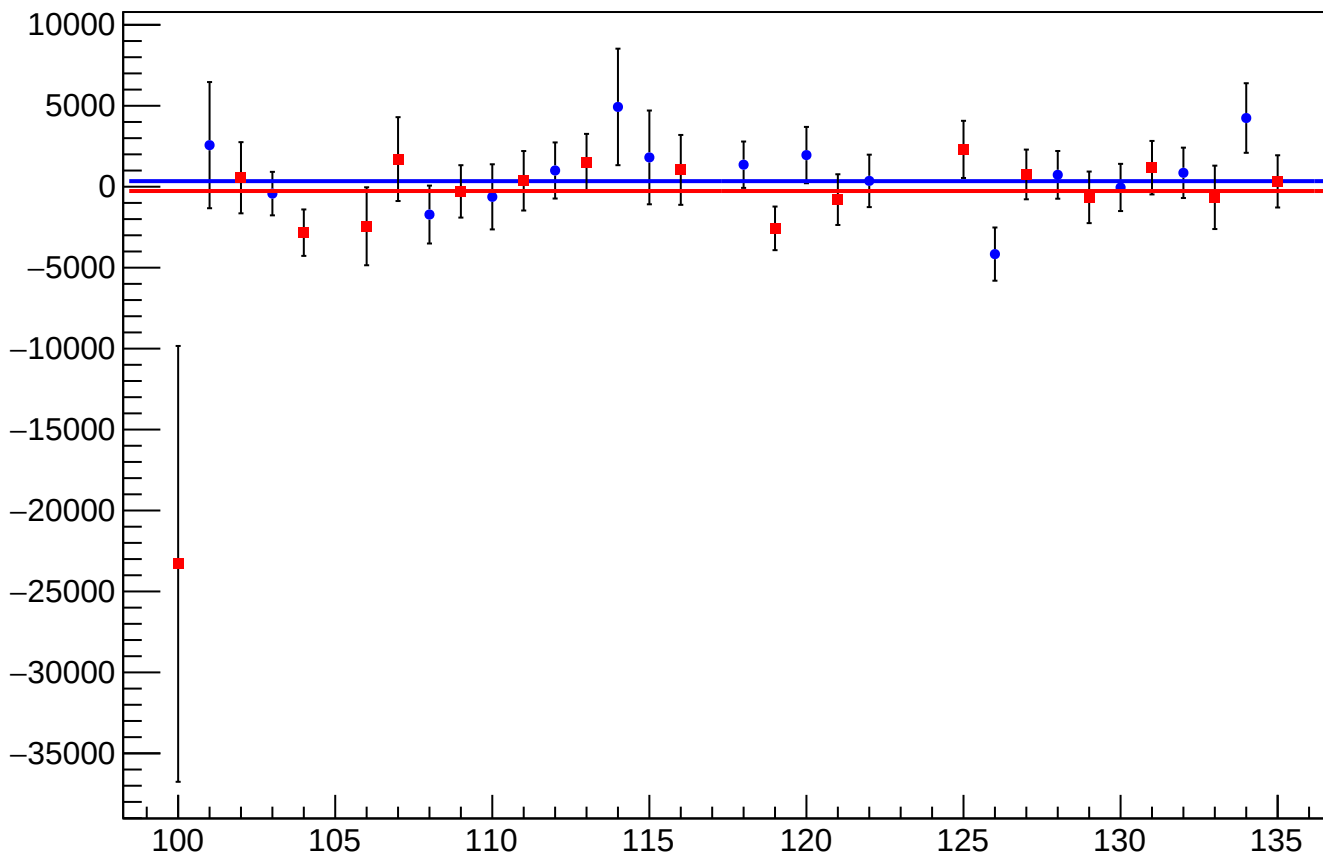
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.028+/-0.083 χ^2/NDF : 3562623.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 344.877 $\pm$ 454.574 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -265.137 $\pm$ 432.692 χ^2 /NDF: 15.8/16

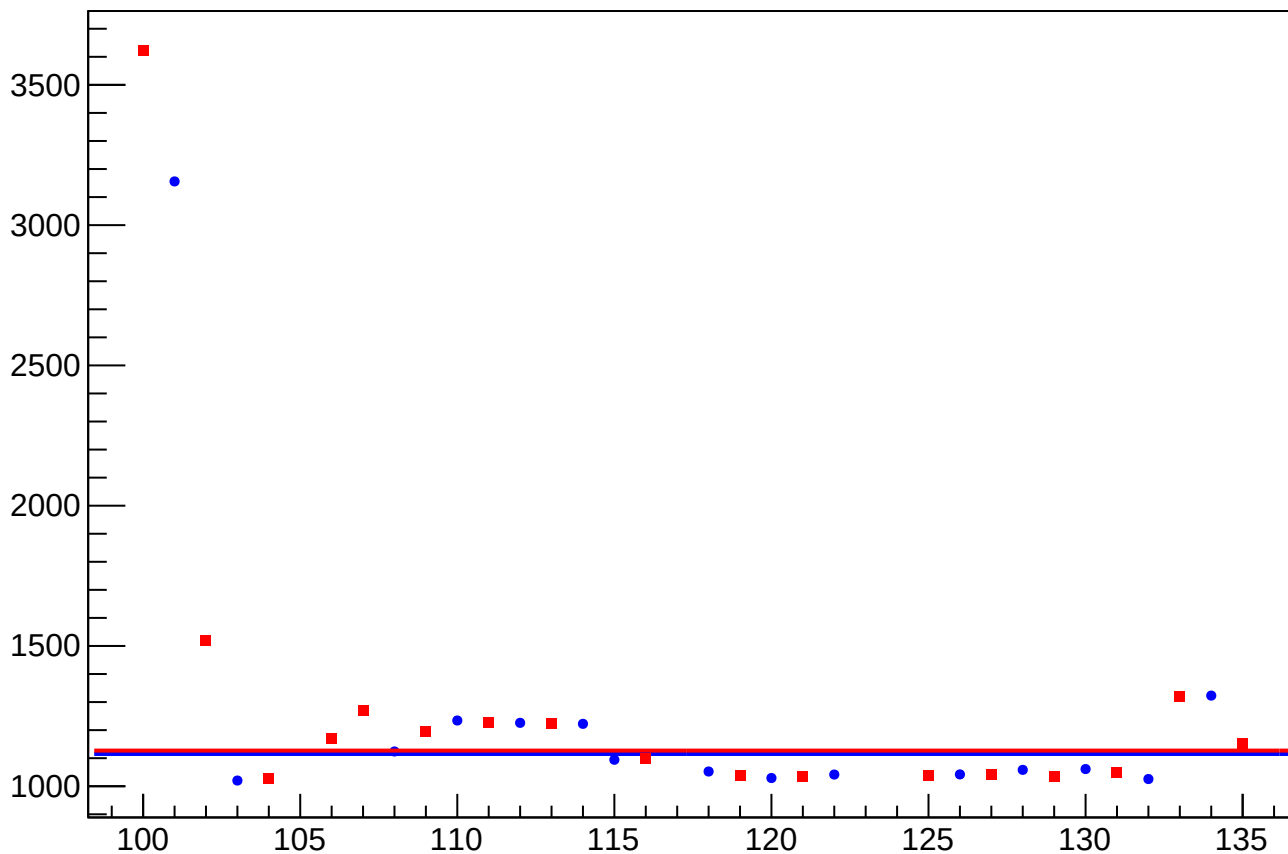
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.835 $\pm$ 313.410 χ^2 /NDF: 33.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1115.015+/-0.321 χ^2/NDF : 623304.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1127.043+/-0.306 χ^2/NDF : 222737.6/16

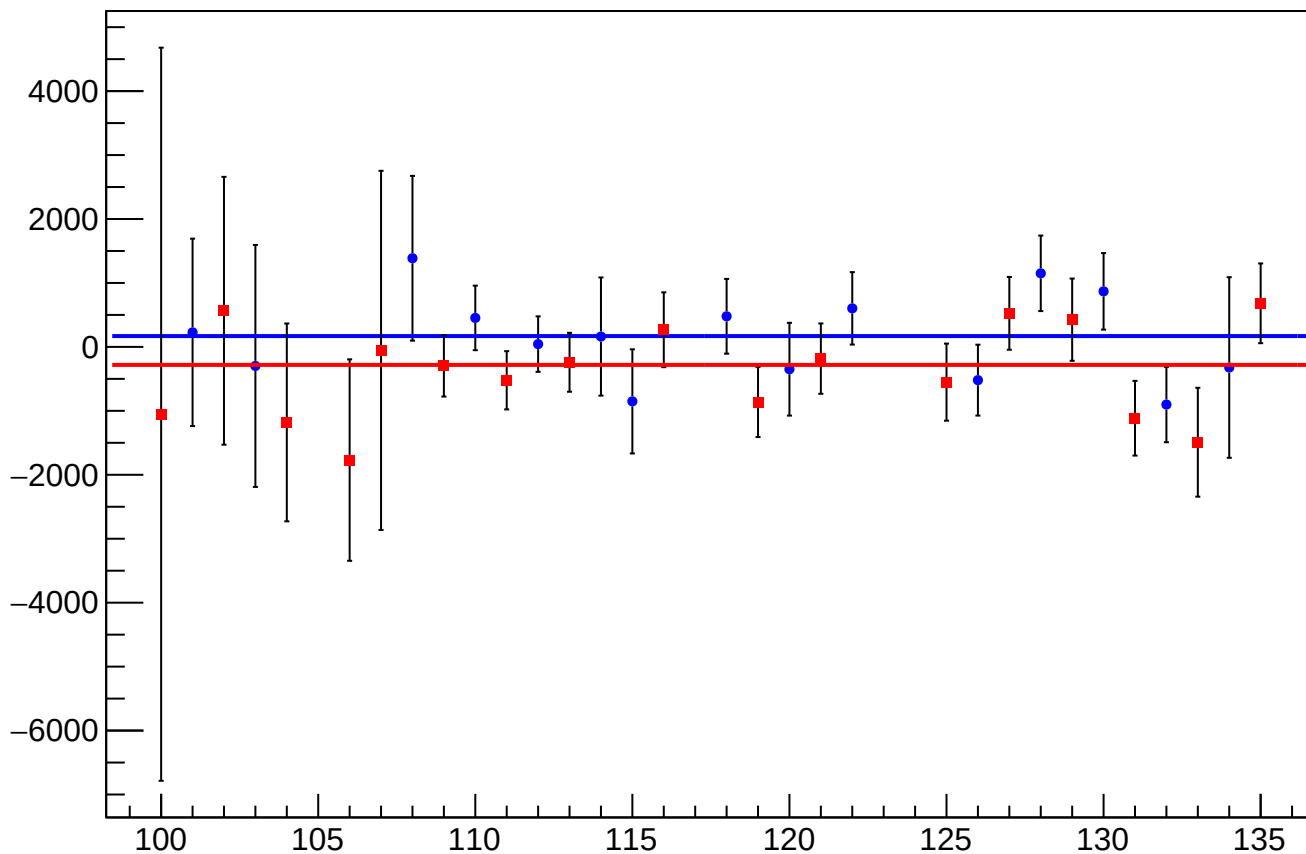
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1121.325+/-0.222 χ^2/NDF : 846776.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_mean vs Slug



Right In: 169.107 $\pm$ 172.750 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -281.714 $\pm$ 158.548 χ^2 /NDF: 13.6/16

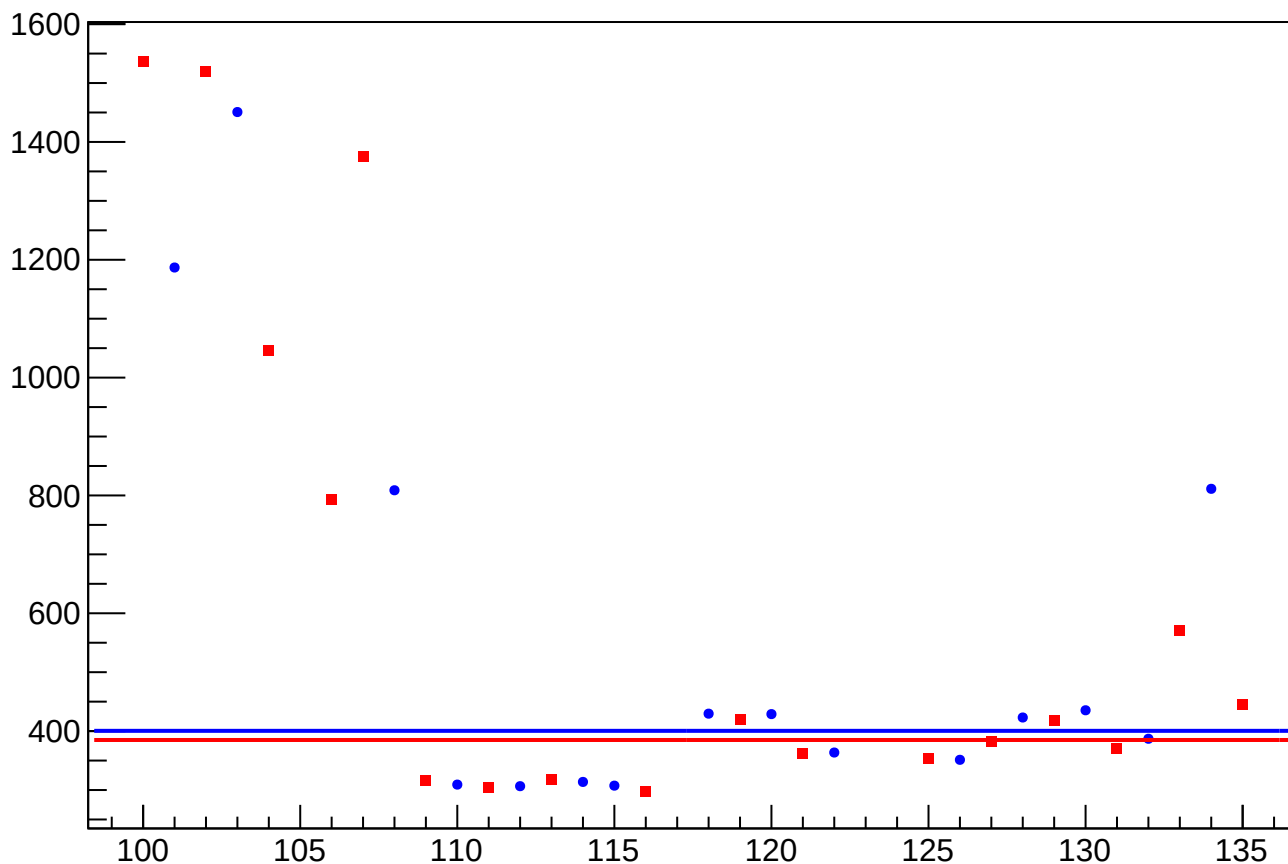
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.593 $\pm$ 116.809 χ^2 /NDF: 30.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_correction_rms vs Slug



Right In: 400.454+/-0.122 χ^2/NDF : 1808238.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 384.931+/-0.112 χ^2/NDF : 1745619.8/16

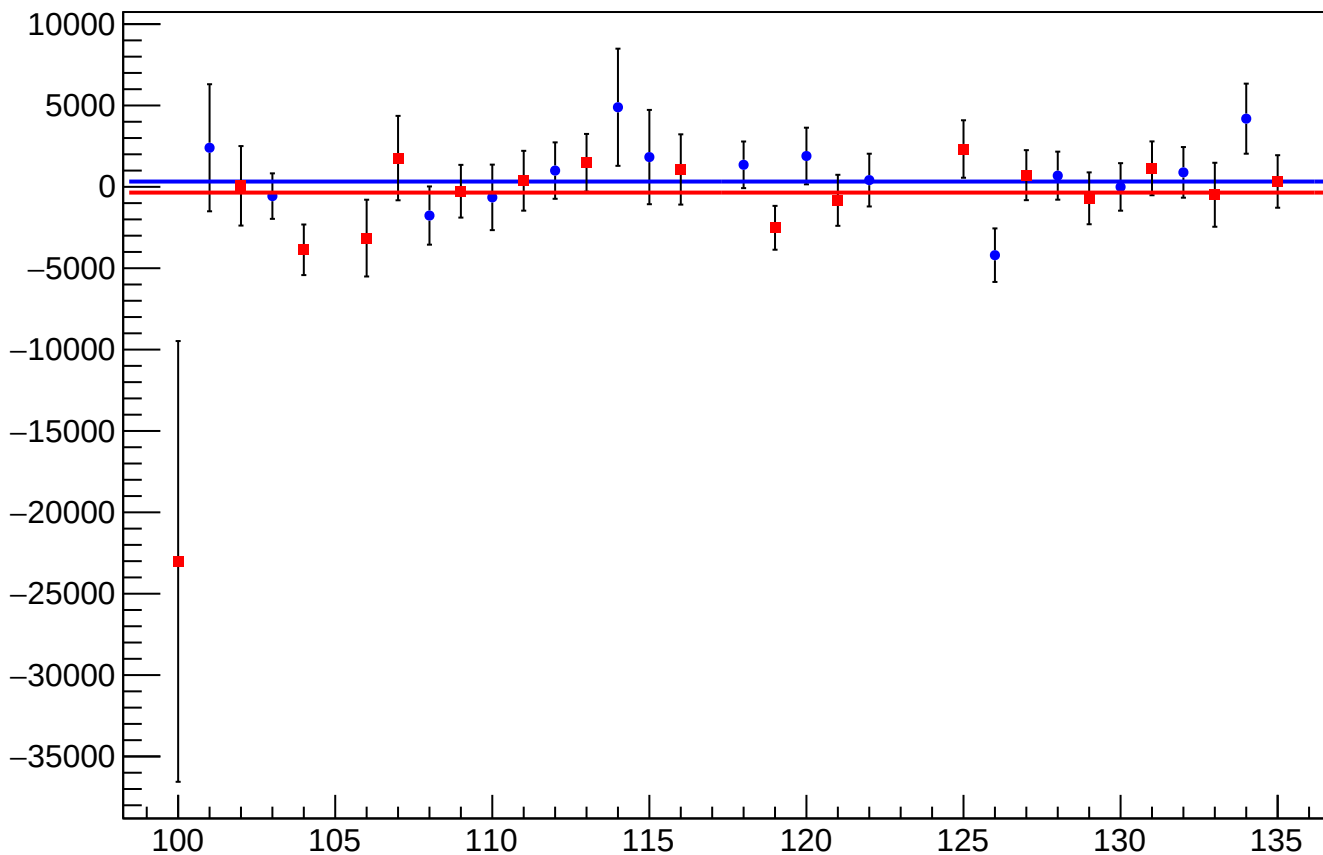
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 392.028+/-0.083 χ^2/NDF : 3562623.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 325.961+/-456.897 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.726+/-437.307 χ^2/NDF : 18.2/16

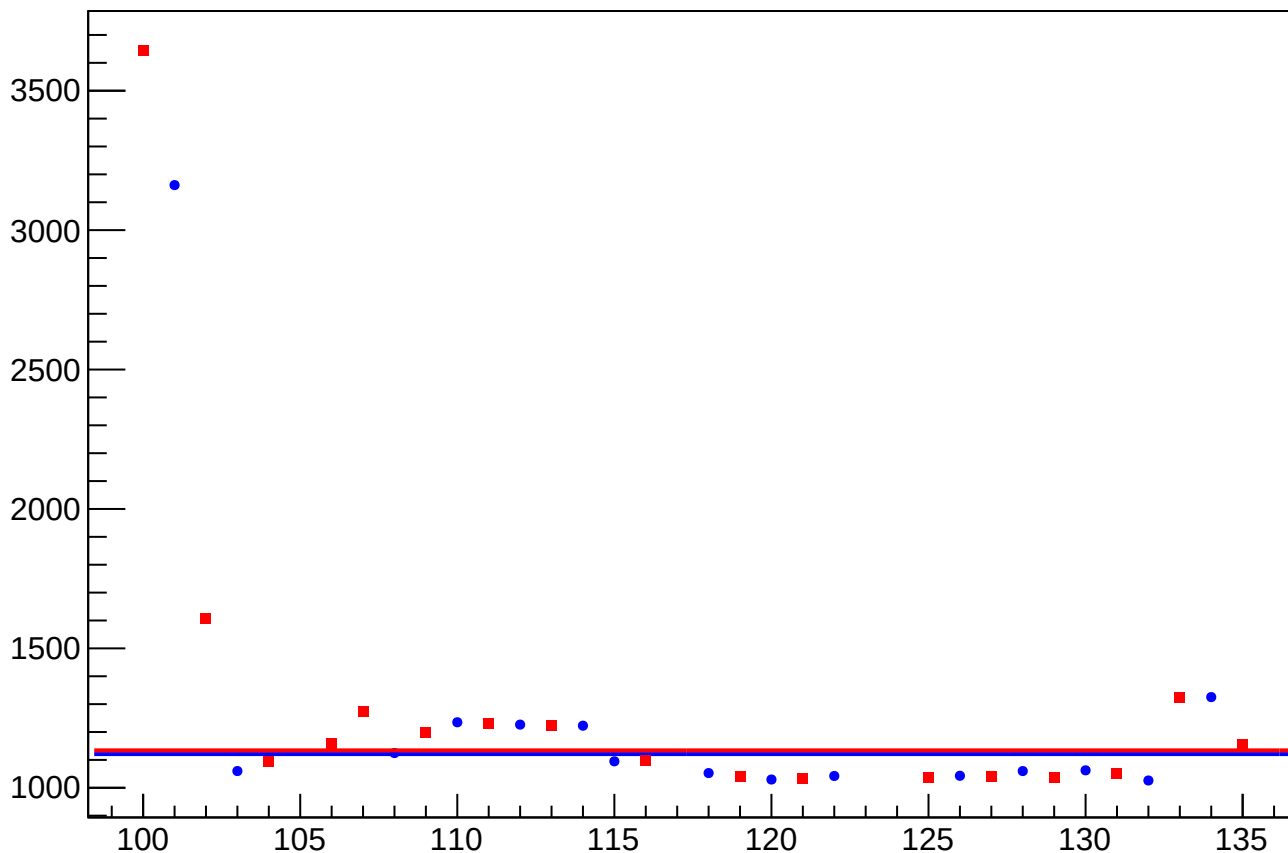
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.244+/-315.921 χ^2/NDF : 36.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1120.846+/-0.323 χ^2/NDF : 617013.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.194+/-0.309 χ^2/NDF : 227432.3/16

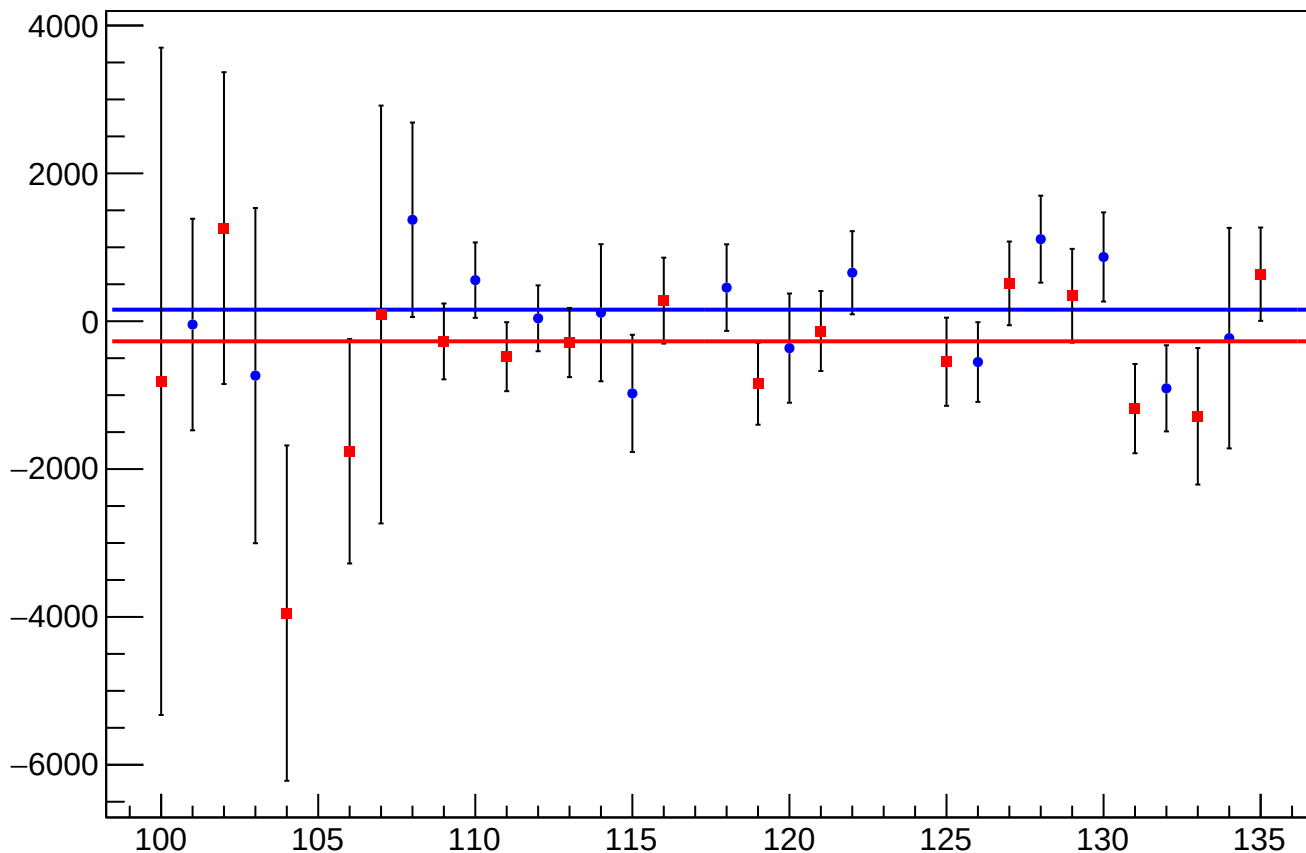
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.812+/-0.223 χ^2/NDF : 845336.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_mean vs Slug



Right In: 156.246 $\pm$ 173.319 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -271.837 $\pm$ 161.206 χ^2 /NDF: 15.0/16

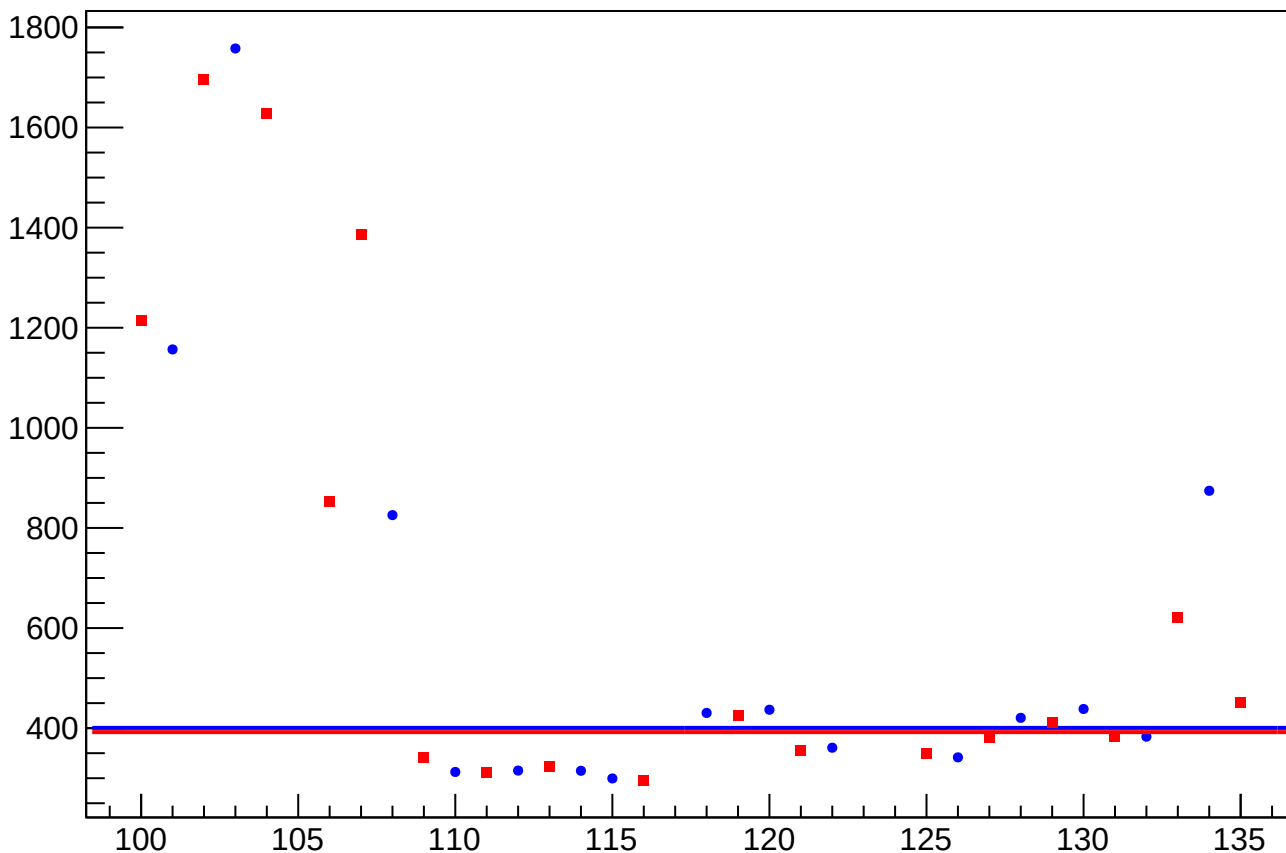
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.276 $\pm$ 118.040 χ^2 /NDF: 32.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_correction_rms vs Slug



Right In: 400.539+/-0.123 χ^2/NDF : 1924546.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

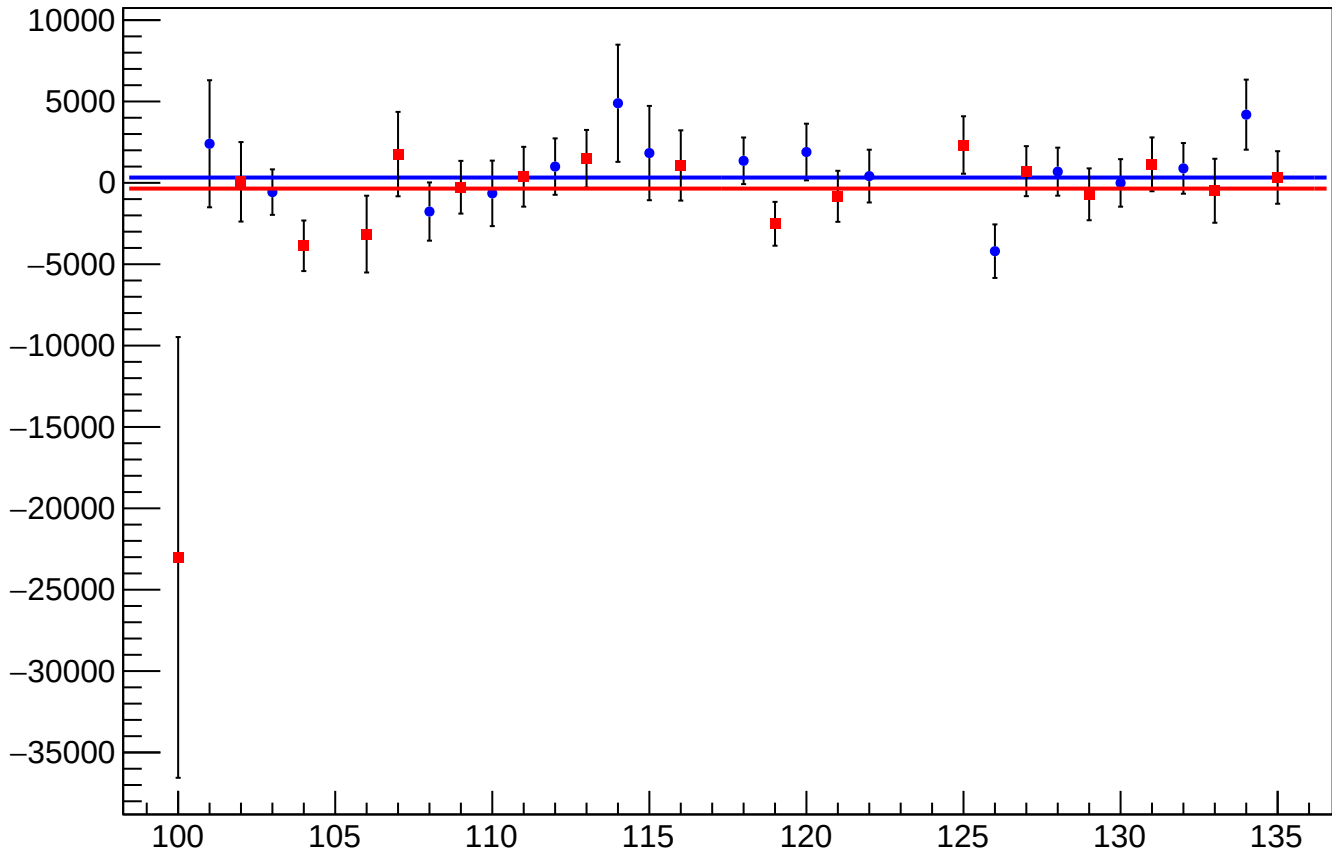
Right Out: 392.084+/-0.114 χ^2/NDF : 2202030.3/16

All: 396.006+/-0.083 χ^2/NDF : 4129128.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 325.958+/-456.897 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -352.727+/-437.307 χ^2/NDF : 18.2/16

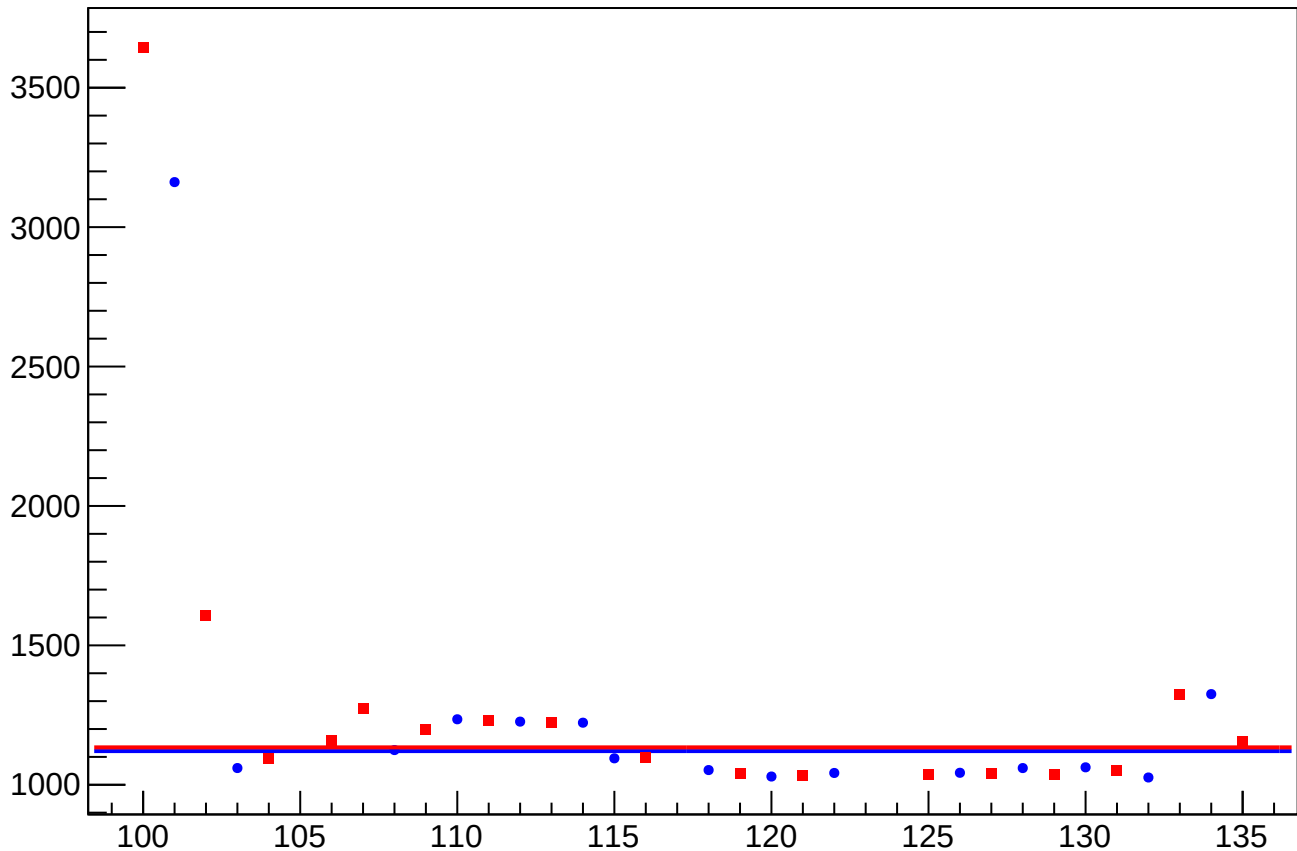
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.246+/-315.921 χ^2/NDF : 36.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1120.846+/-0.323 χ^2/NDF : 617013.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1134.194+/-0.309 χ^2/NDF : 227432.4/16

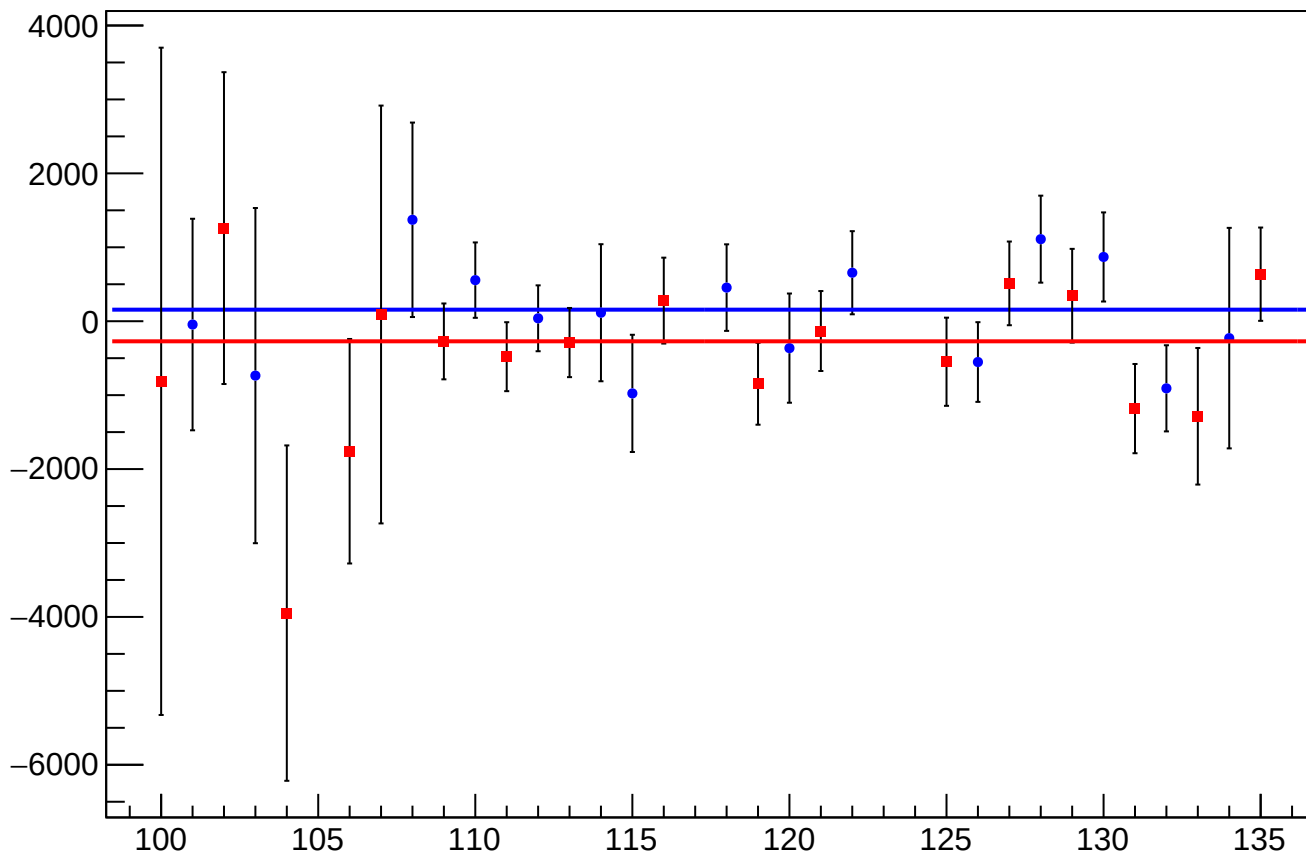
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1127.812+/-0.223 χ^2/NDF : 845336.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_mean vs Slug



Right In: 156.242 $\pm$ 173.318 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -271.834 $\pm$ 161.205 χ^2 /NDF: 15.0/16

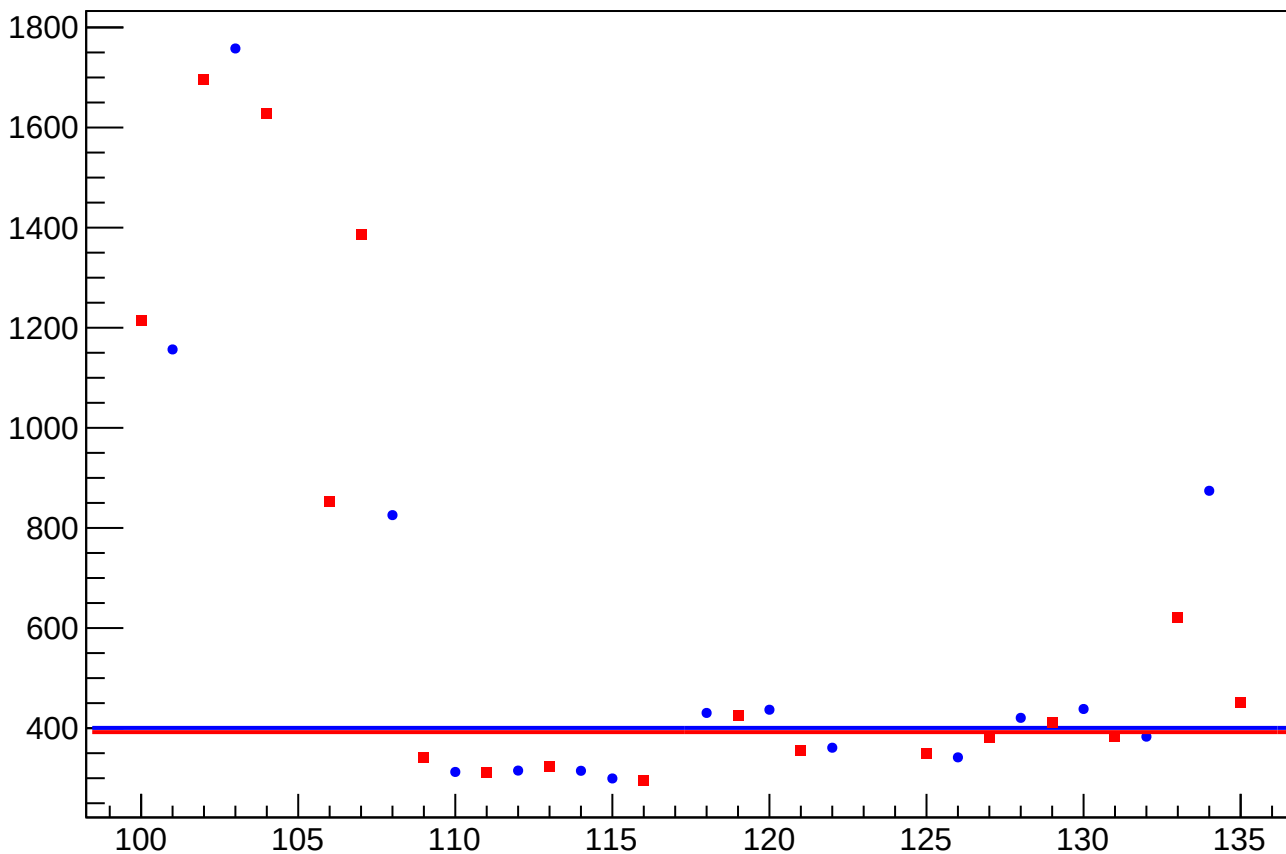
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.277 $\pm$ 118.039 χ^2 /NDF: 32.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_correction_rms vs Slug



Right In: 400.537+/-0.123 χ^2/NDF : 1924547.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

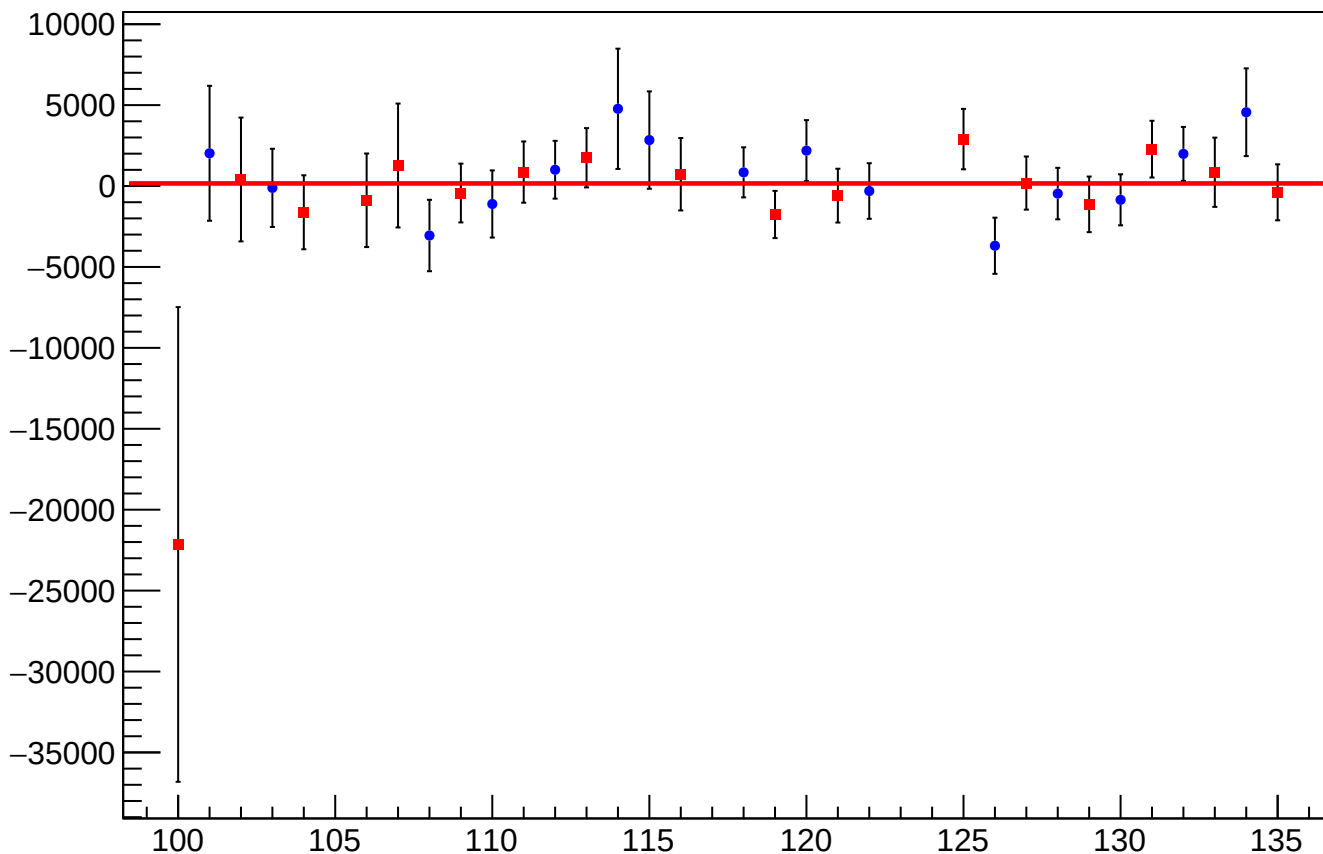
Right Out: 392.081+/-0.114 χ^2/NDF : 2202037.7/16

All: 396.003+/-0.083 χ^2/NDF : 4129137.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_mean vs Slug



Right In: 165.047 $\pm$ 511.275 χ^2 /NDF: 16.0/14

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

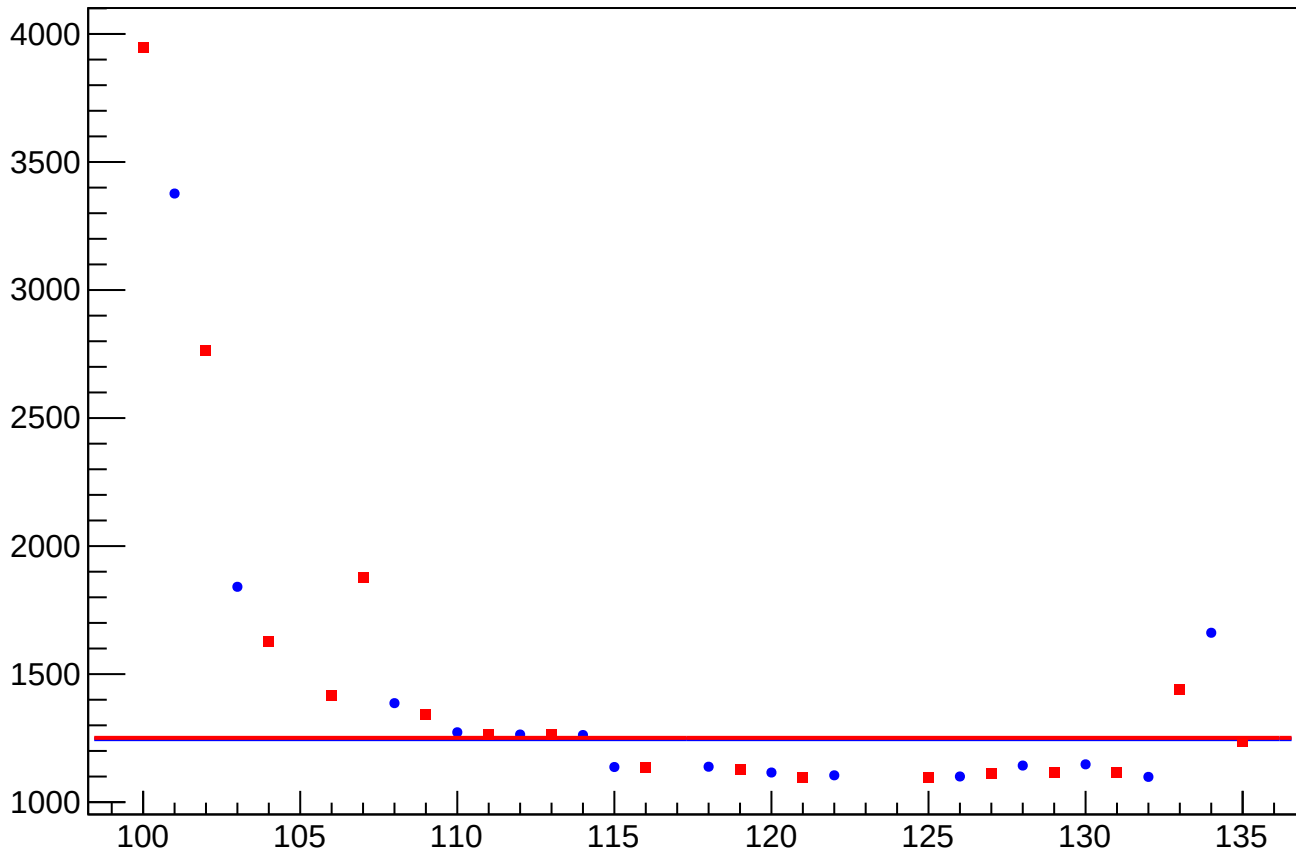
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 158.363 $\pm$ 352.143 χ^2 /NDF: 26.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_rms vs Slug



Right In: 1246.009+/-0.362 χ^2/NDF : 780776.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1251.139+/-0.343 χ^2/NDF : 605313.7/16

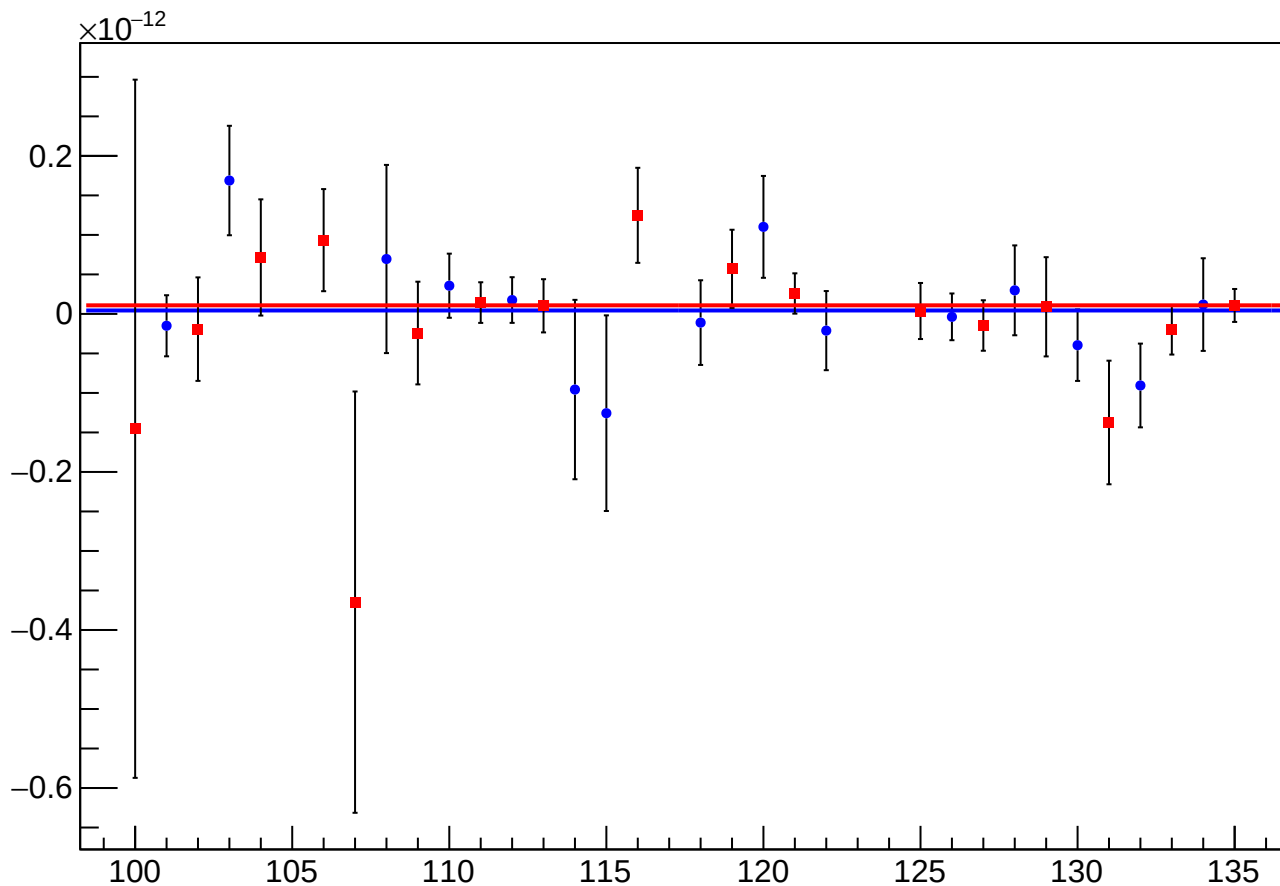
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1248.706+/-0.249 χ^2/NDF : 1386195.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/16

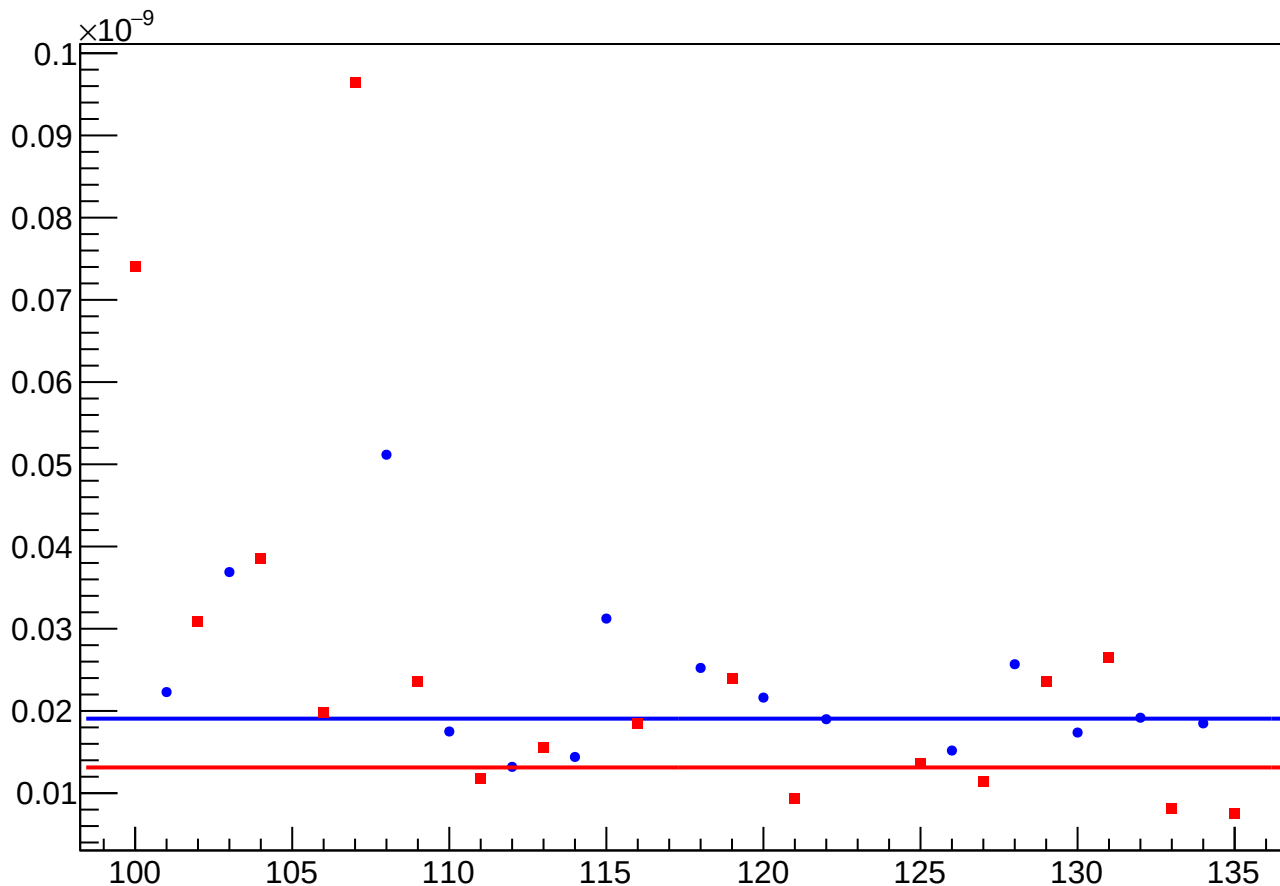
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 31.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 494024.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1181909.3/16

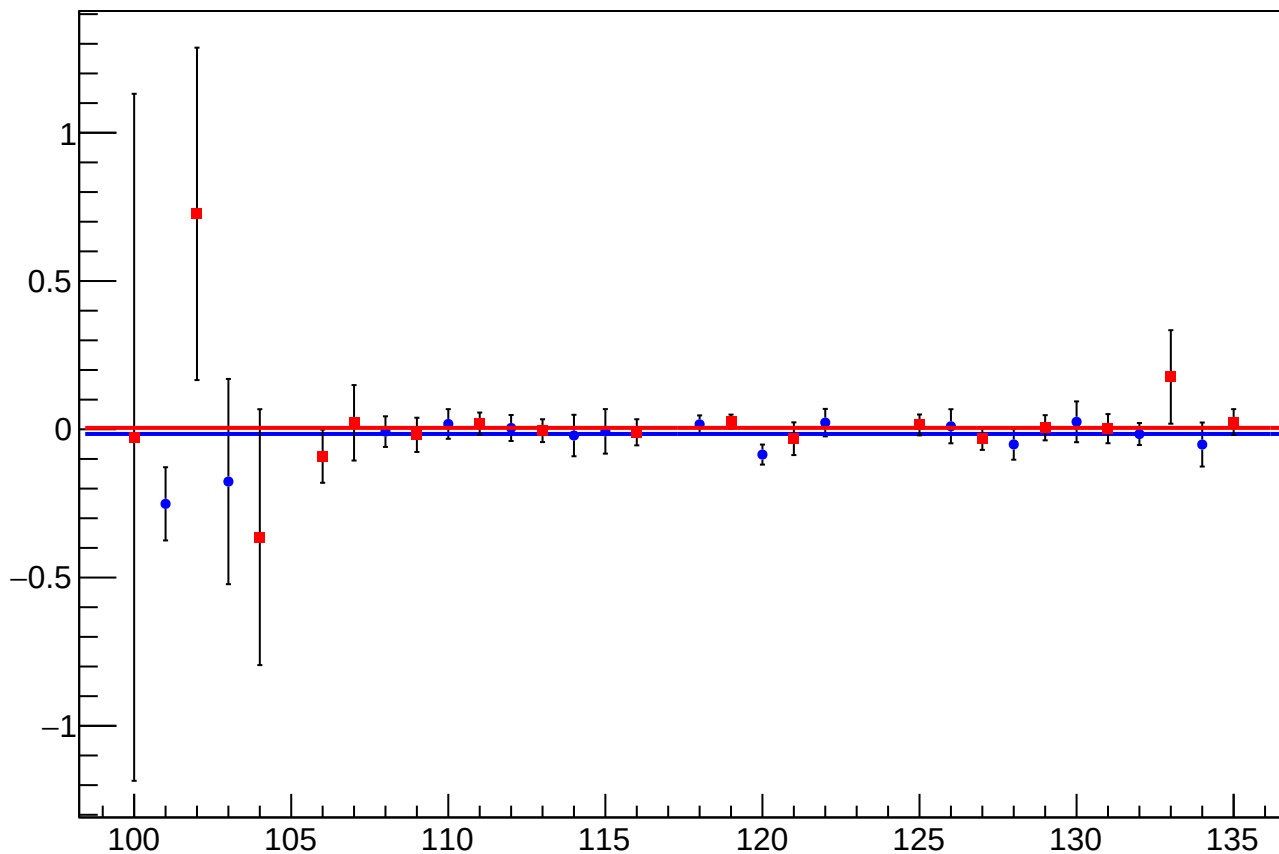
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1963487.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 ± 0.013 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.005 ± 0.012 χ^2/NDF : 7.7/16

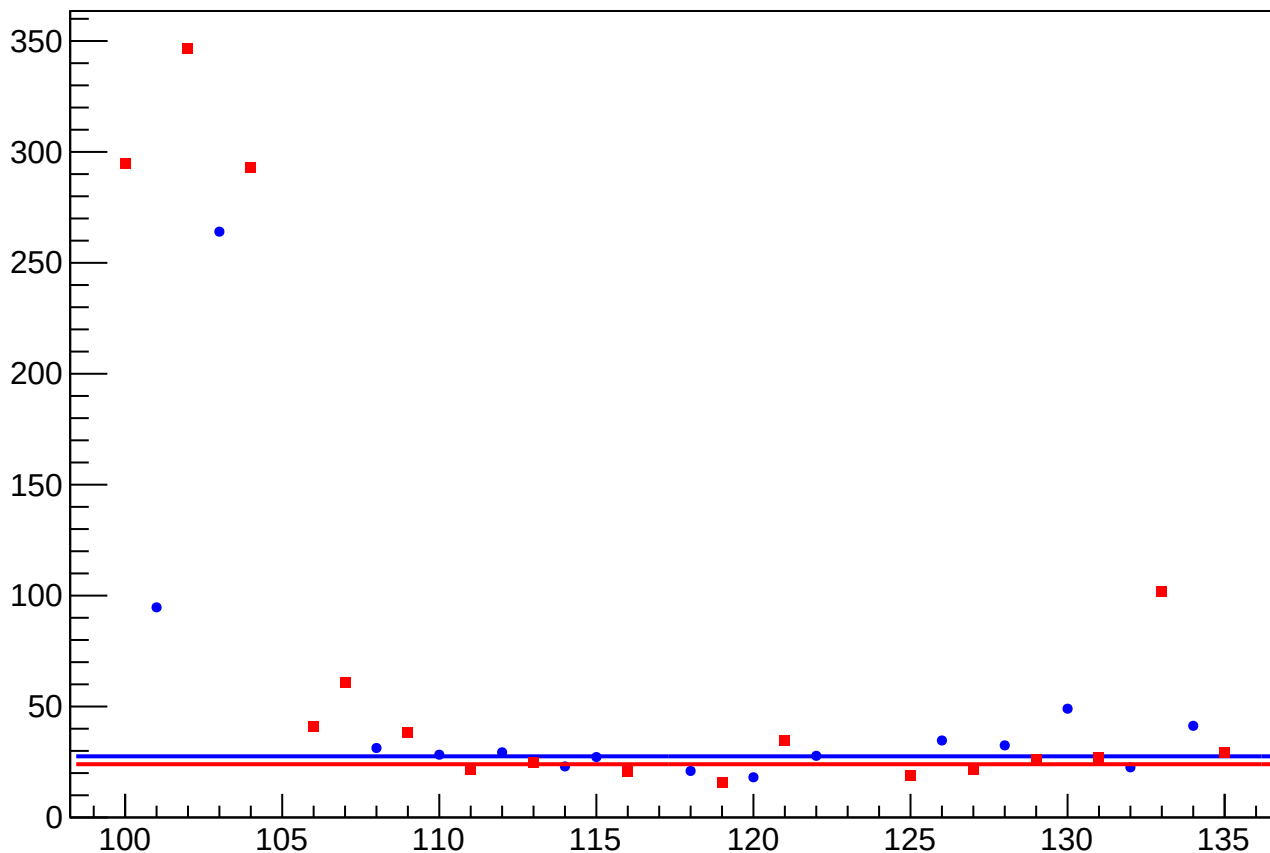
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.004 ± 0.009 χ^2/NDF : 21.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_cor_diff_rms vs Slug



Right In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.993+/-0.008 χ^2/NDF : 2832797.7/16

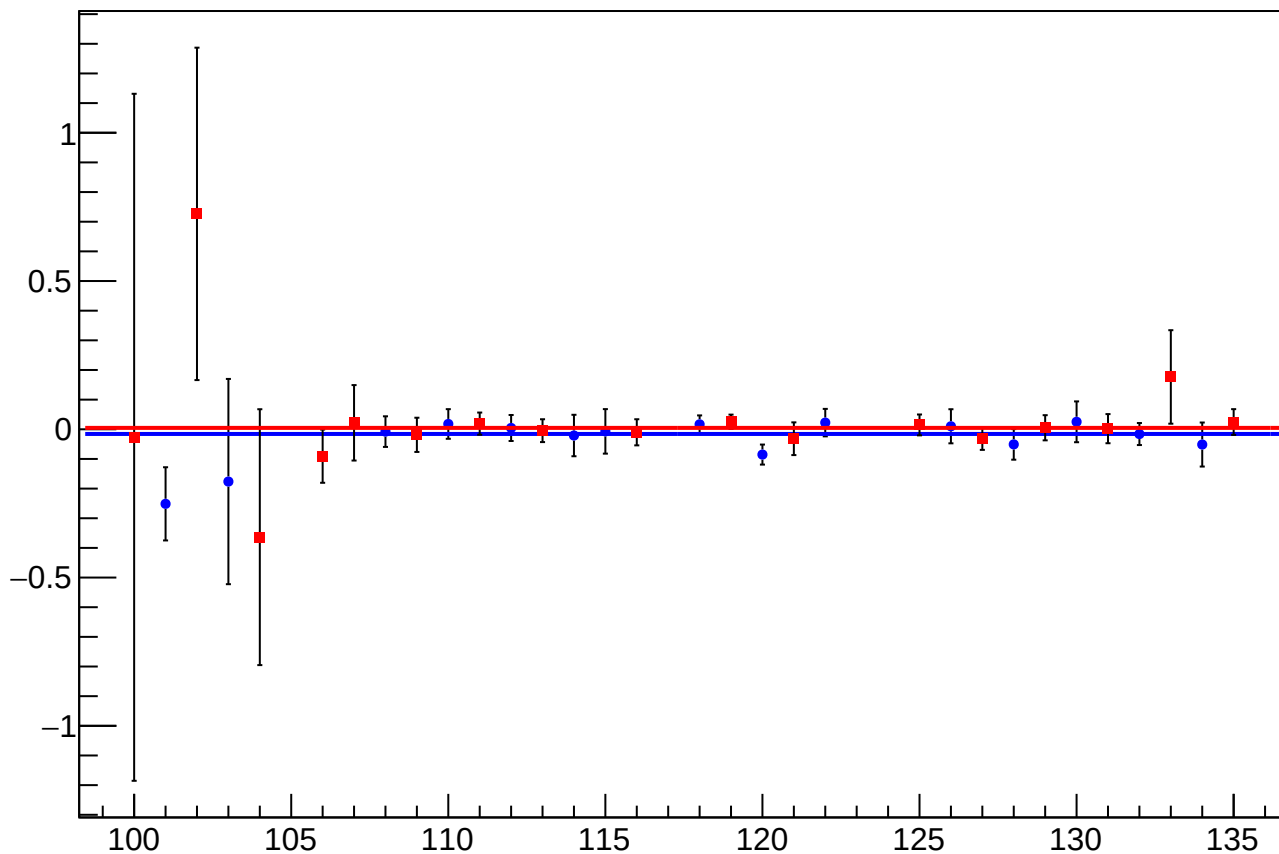
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.570+/-0.006 χ^2/NDF : 5067334.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.013 χ^2/NDF : 11.9/14

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

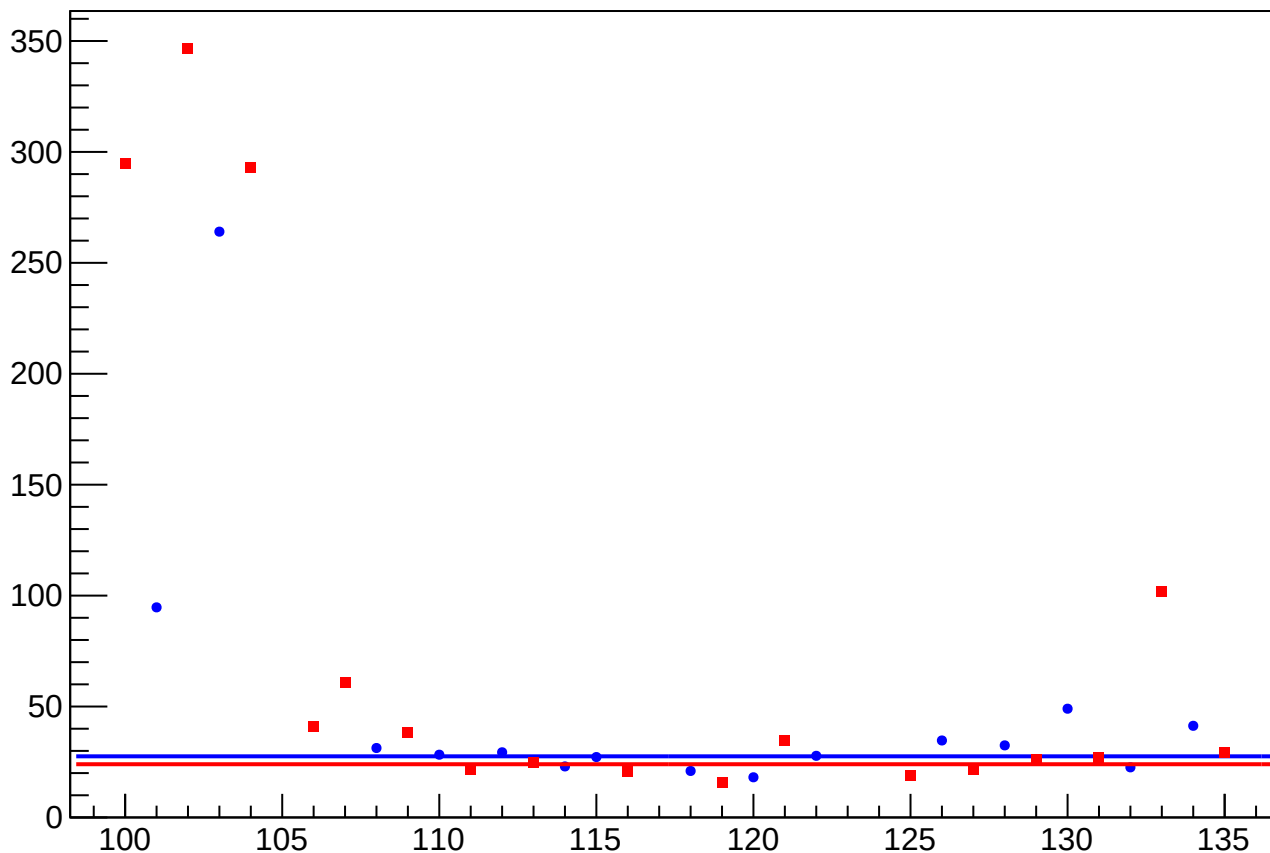
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -0.004 $\pm$ 0.009 χ^2/NDF : 21.0/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.555+/-0.009 χ^2/NDF : 2149732.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.993+/-0.008 χ^2/NDF : 2832797.7/16

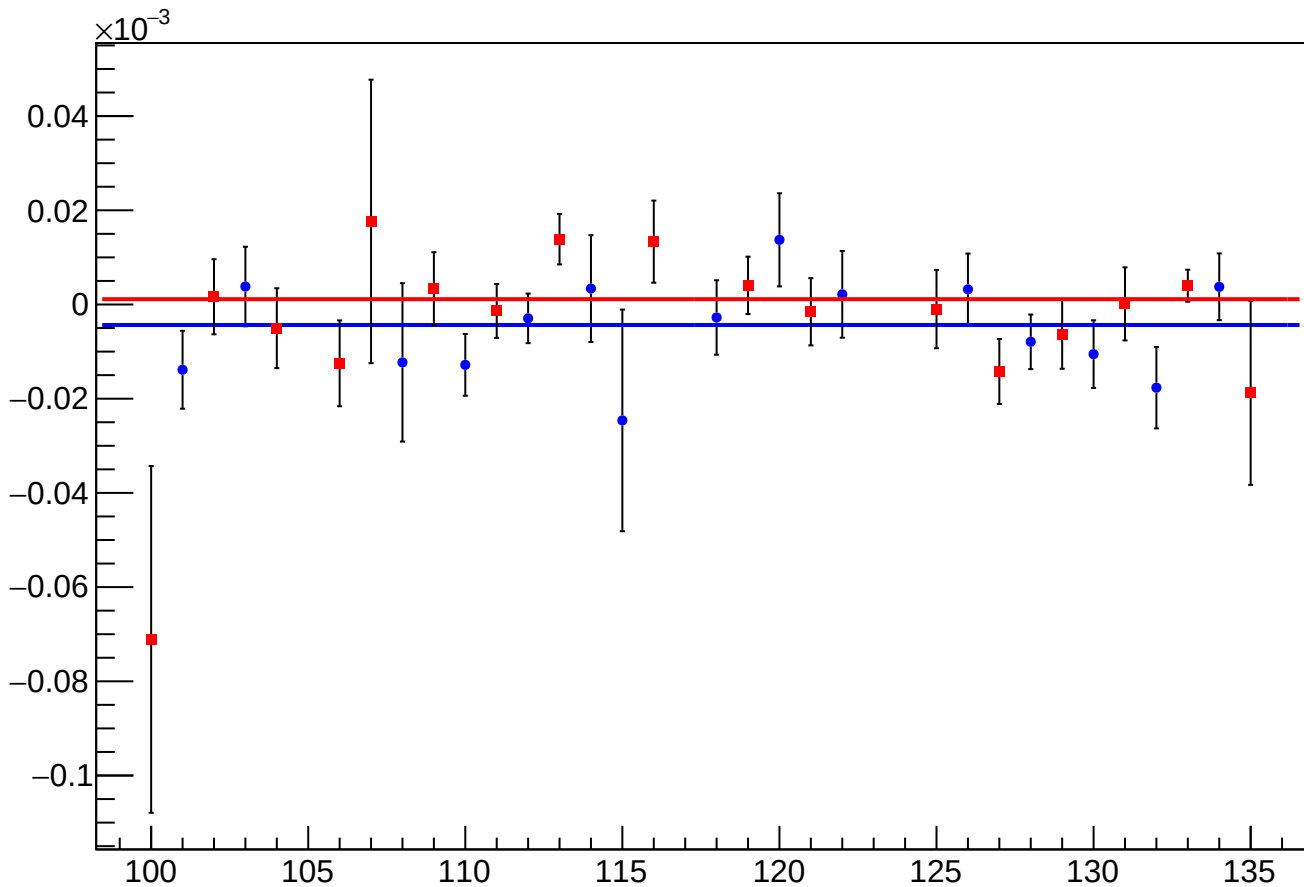
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.570+/-0.006 χ^2/NDF : 5067334.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.0/16

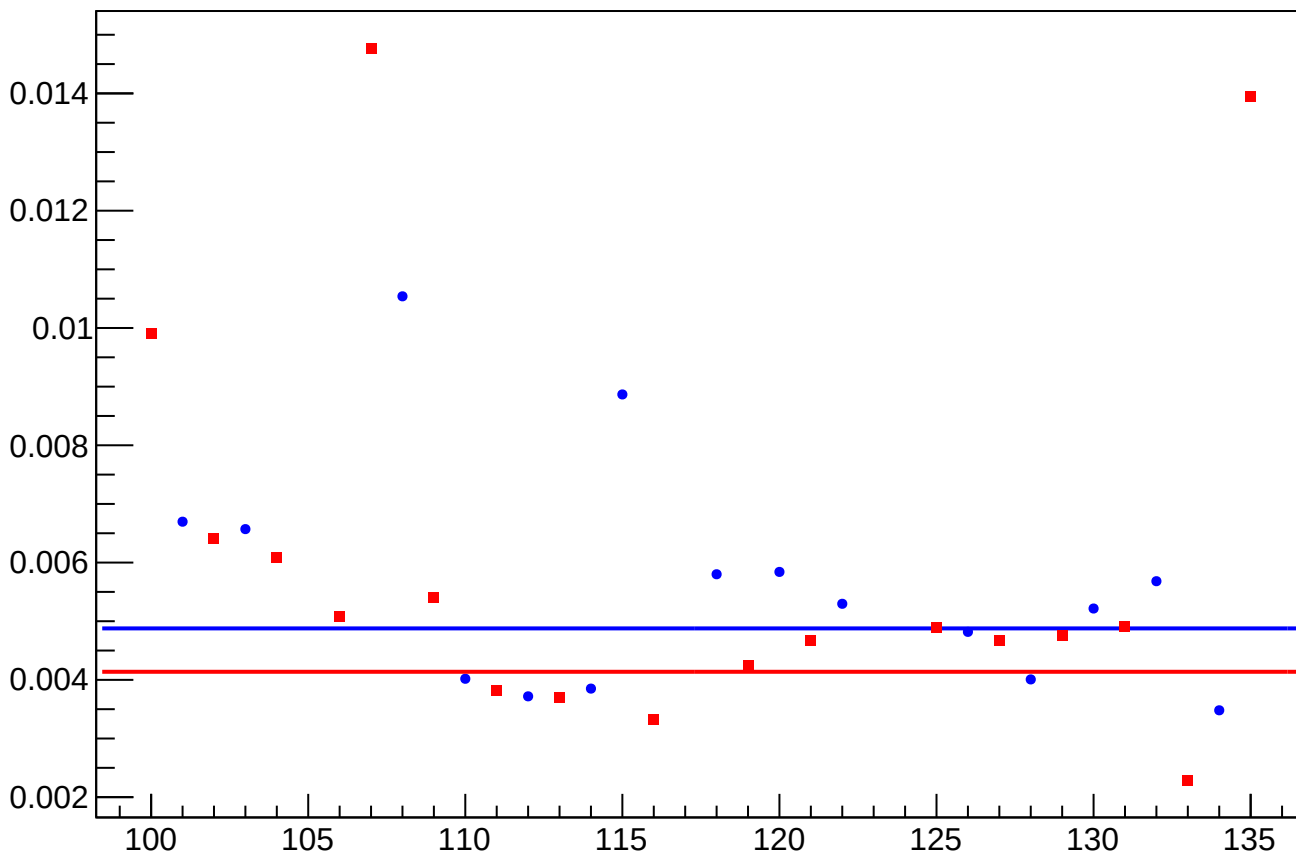
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 42.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 804127.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 1855823.3/16

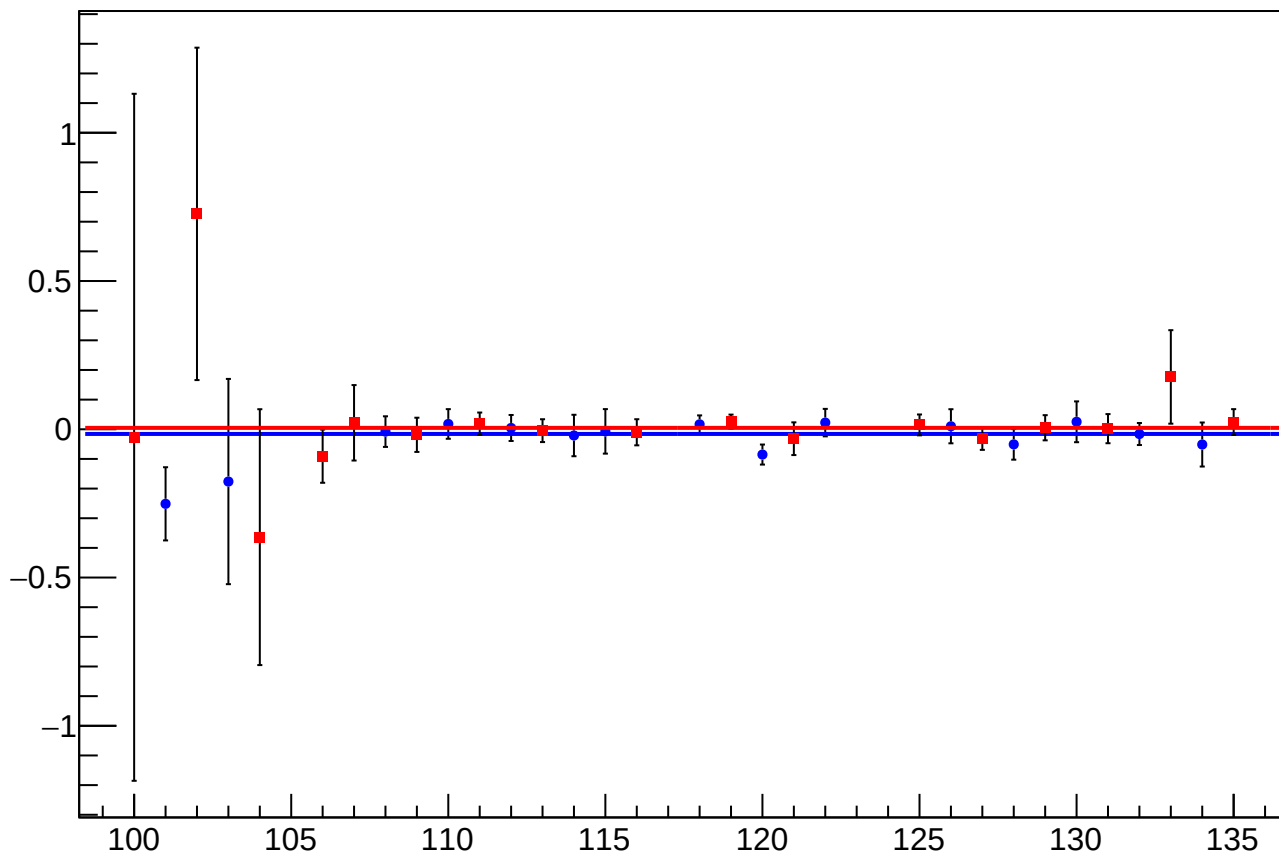
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 2814464.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.016 $\pm$ 0.013 χ^2 /NDF: 11.9/14

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

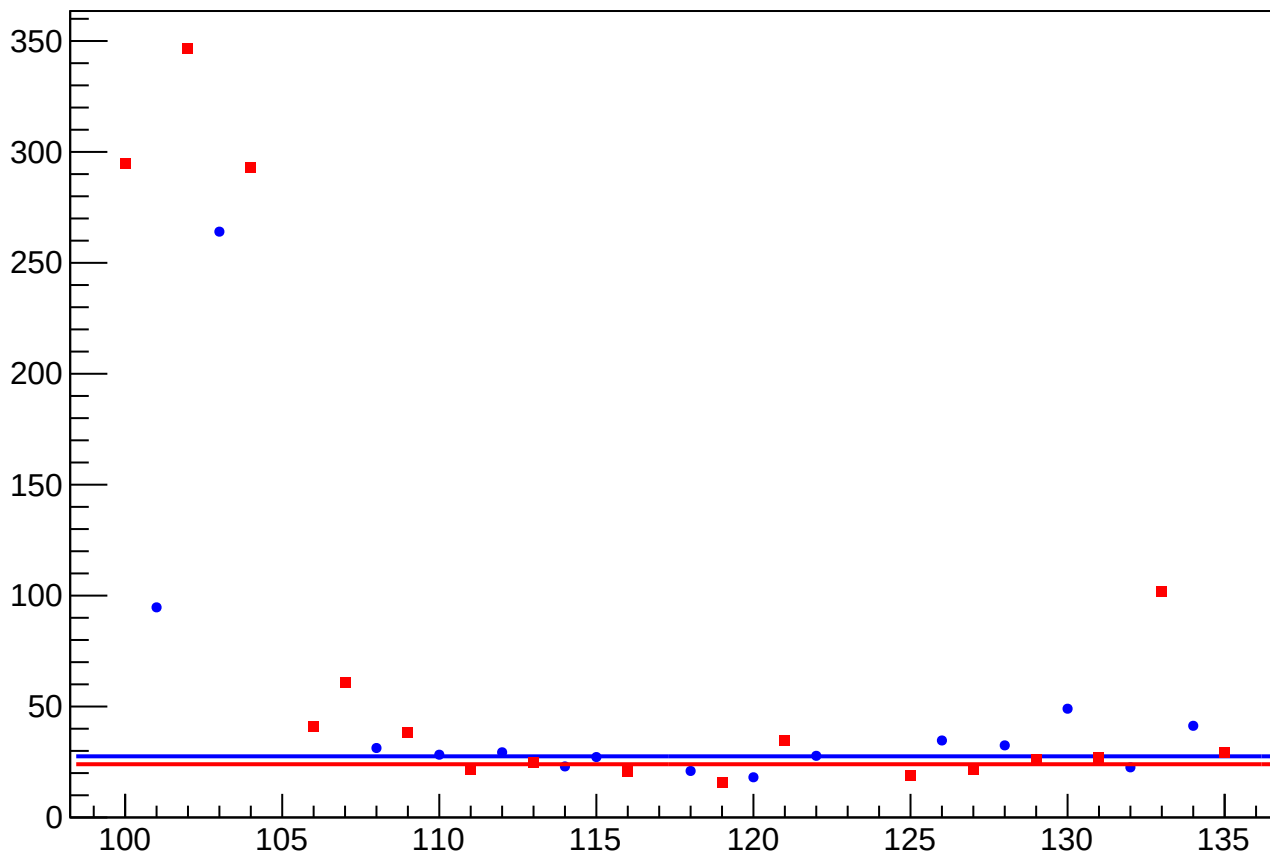
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.991+/-0.008 χ^2/NDF : 2833030.1/16

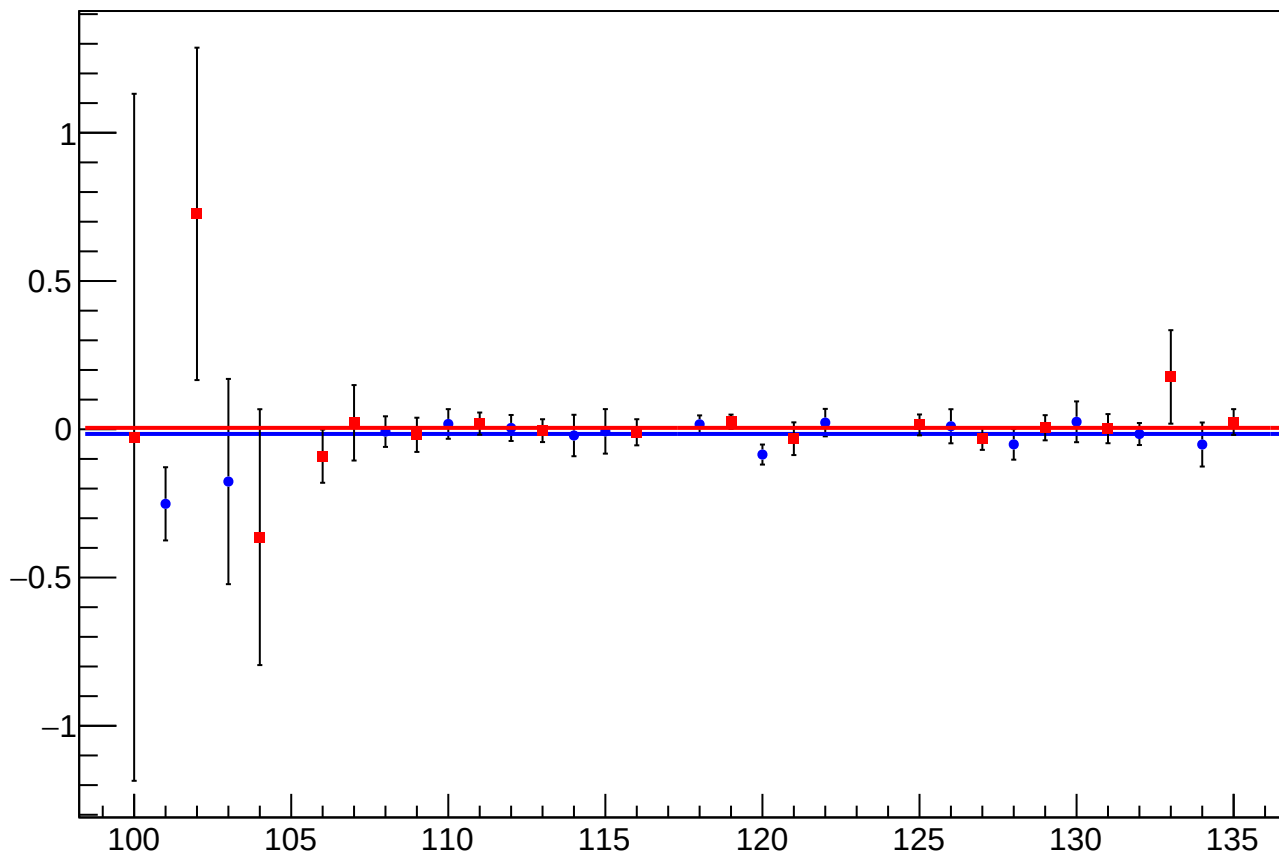
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.569+/-0.006 χ^2/NDF : 5067657.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.016 ± 0.013 $\chi^2/\text{NDF}: 11.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.005 ± 0.012 $\chi^2/\text{NDF}: 7.7/16$

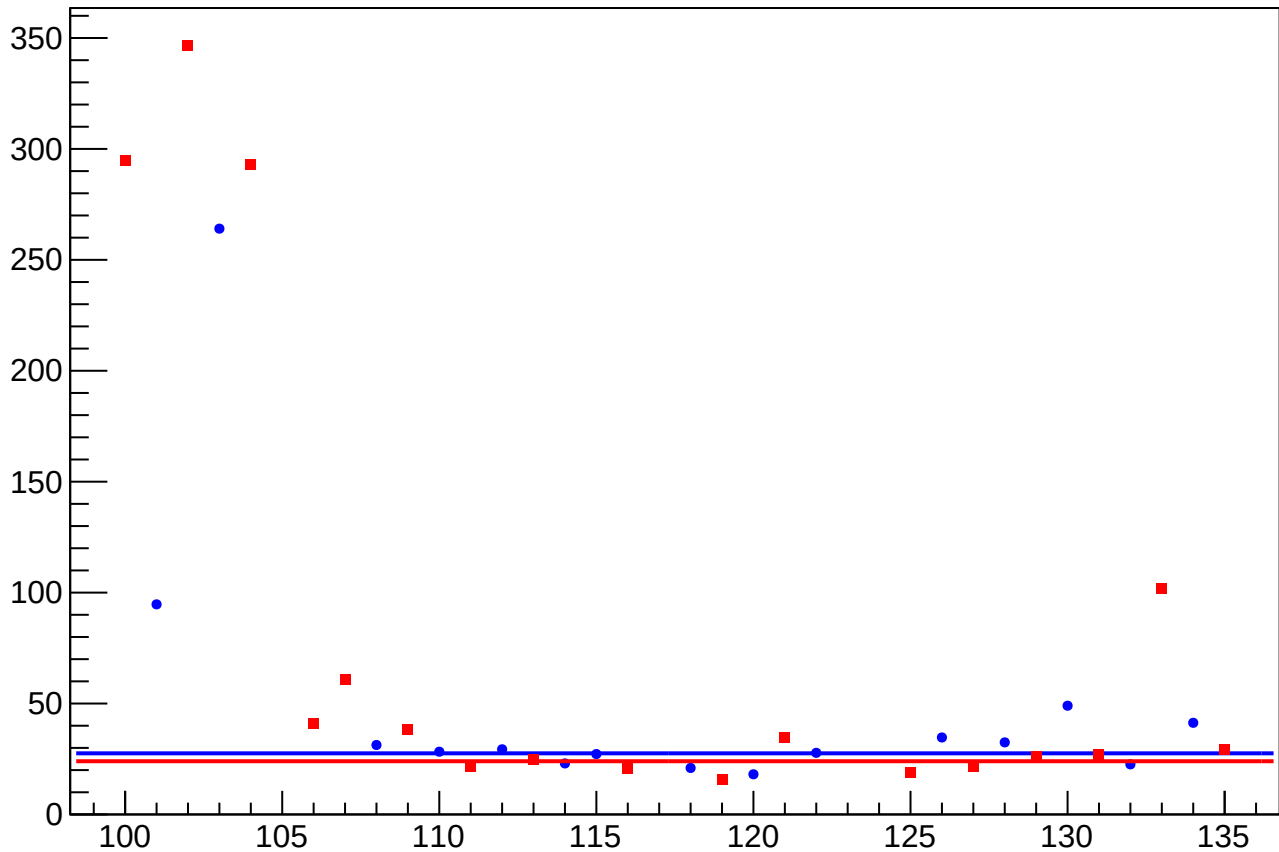
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.004 ± 0.009 $\chi^2/\text{NDF}: 21.0/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_us_dd_atlr_dd_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 27.555+/-0.009 χ^2/NDF : 2149746.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.991+/-0.008 χ^2/NDF : 2833030.1/16

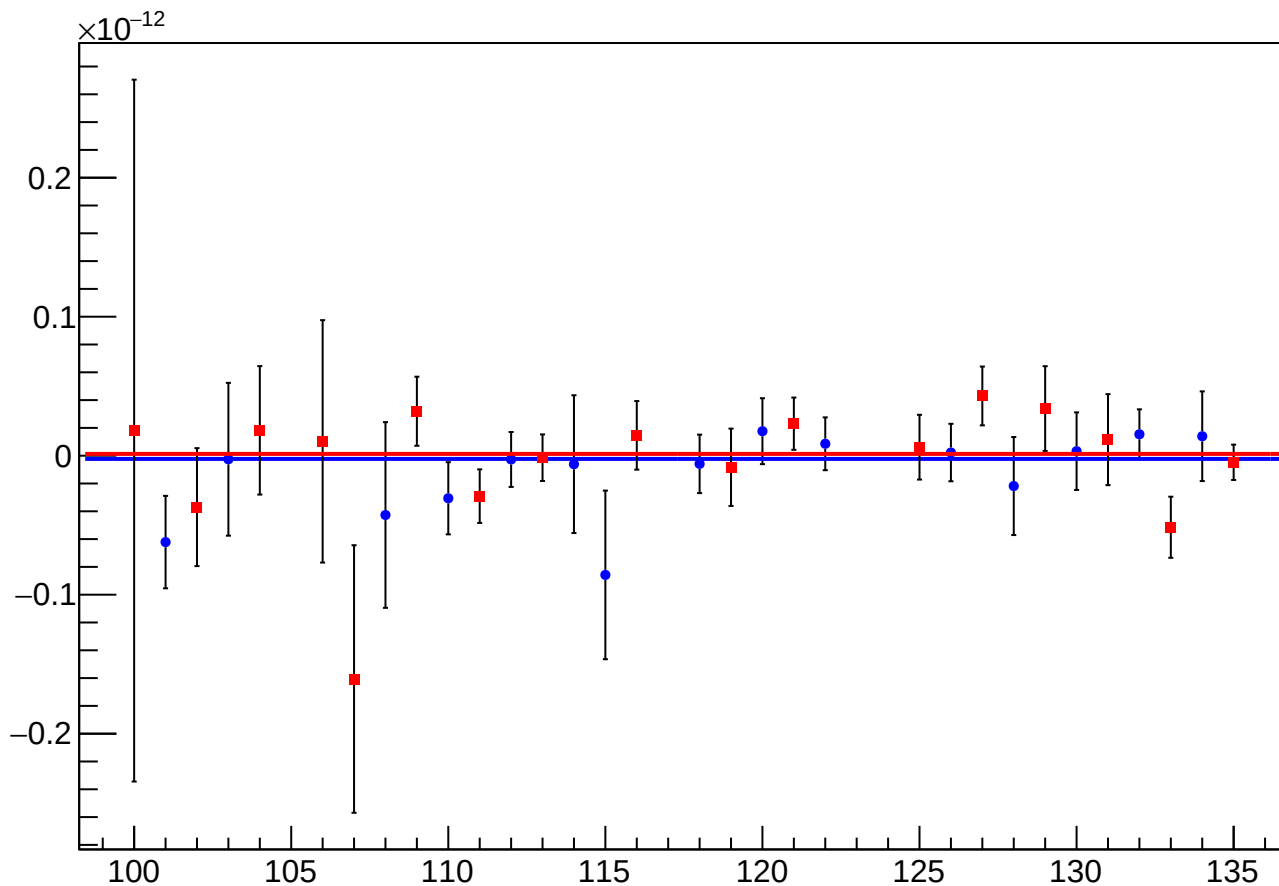
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.569+/-0.006 χ^2/NDF : 5067657.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/16

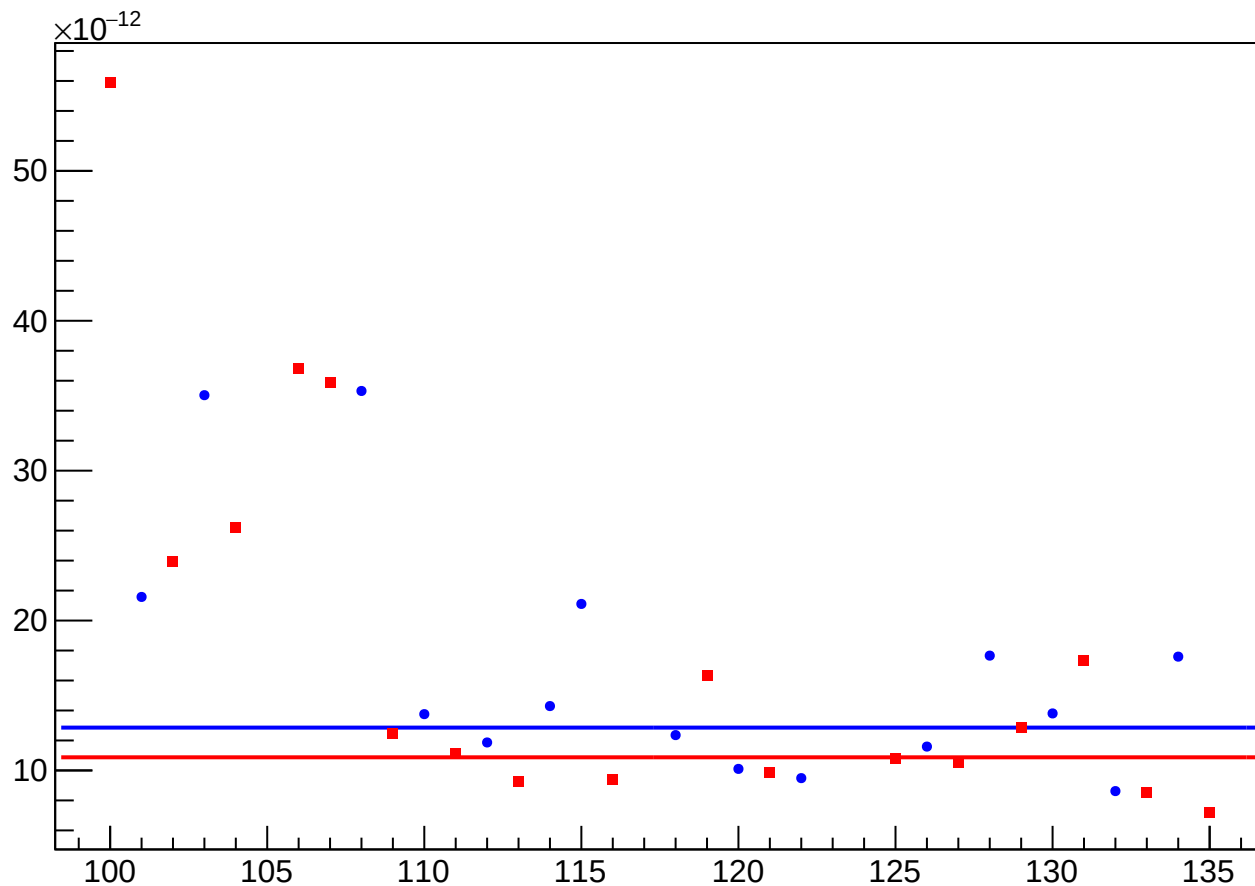
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_us_dd_atlr_dd_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1027773.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1180084.5/16

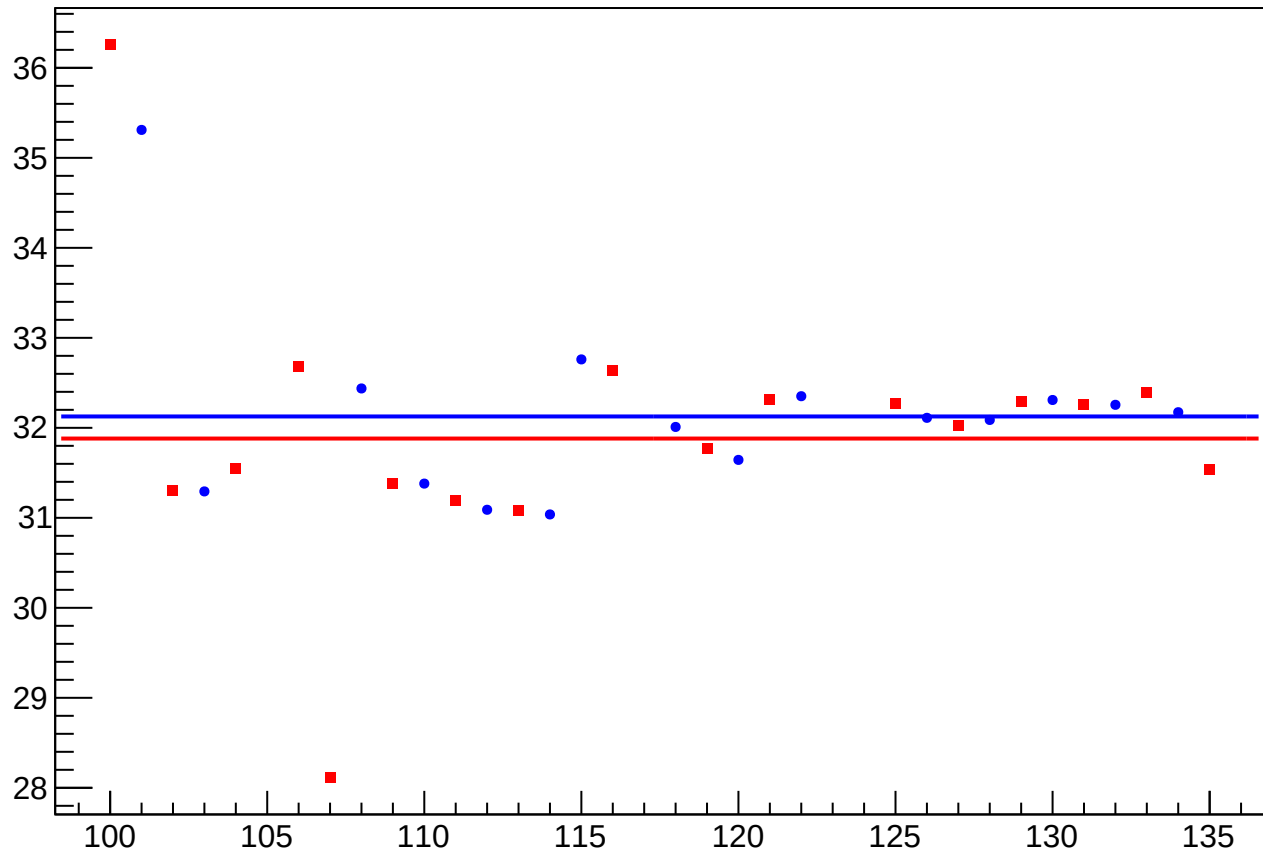
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2305209.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_usl_mean vs Slug



Right In: 32.126+/-0.000 χ^2/NDF : 837941151.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.881+/-0.000 χ^2/NDF : 476140756.0/16

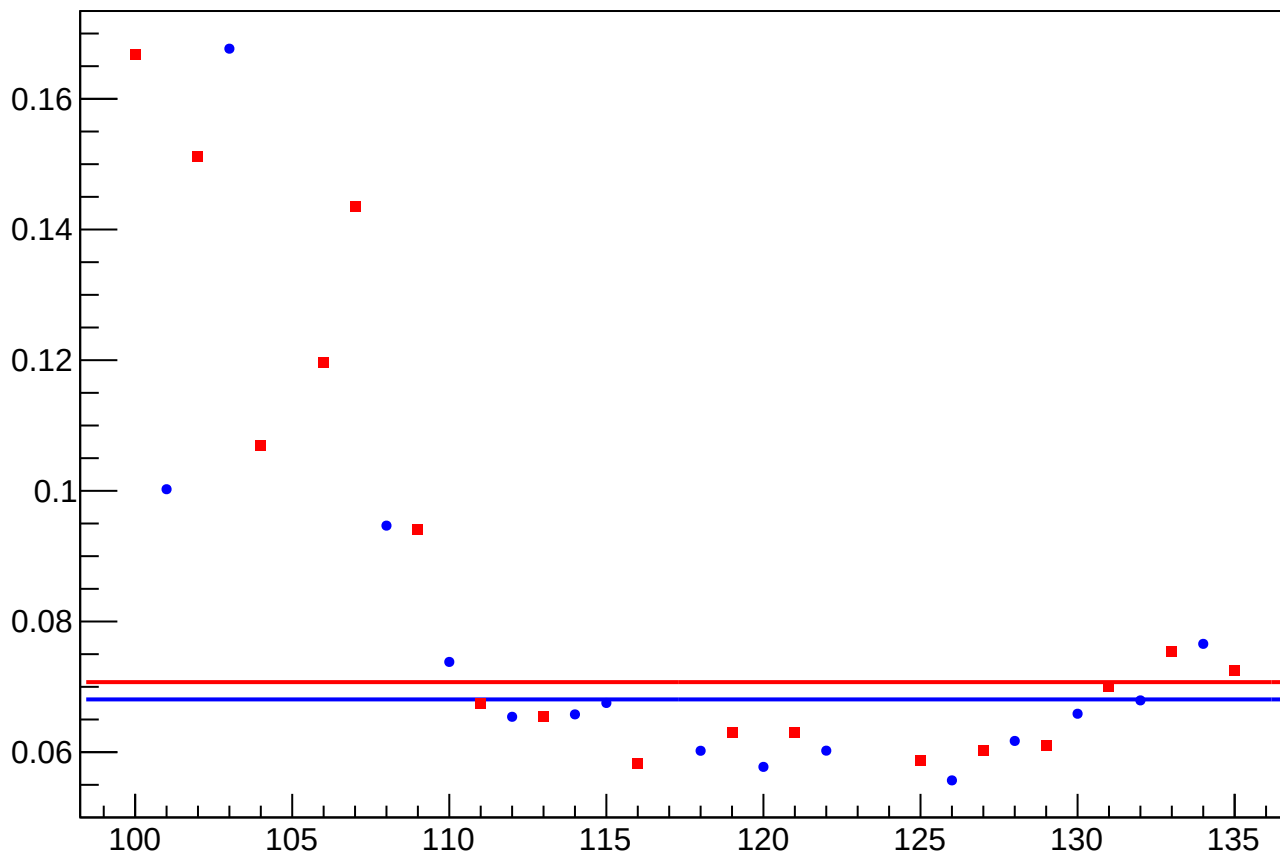
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.002+/-0.000 χ^2/NDF : 1349936345.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usl_rms vs Slug



Right In: 0.068+/-0.000 χ^2/NDF : 701185.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.071+/-0.000 χ^2/NDF : 867306.8/16

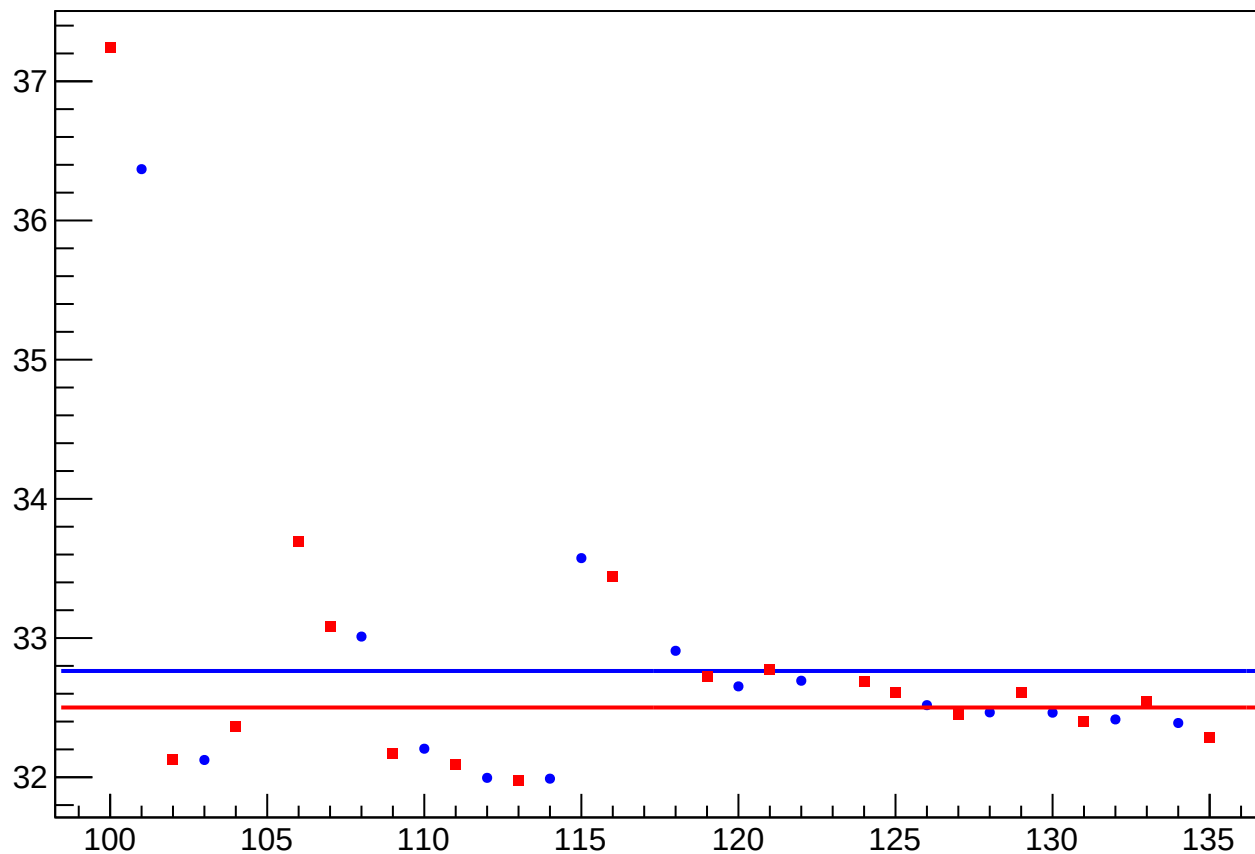
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.069+/-0.000 χ^2/NDF : 1576834.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_mean vs Slug



Right In: 32.763+/-0.000 χ^2/NDF : 675257071.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.501+/-0.000 χ^2/NDF : 145265755.0/17

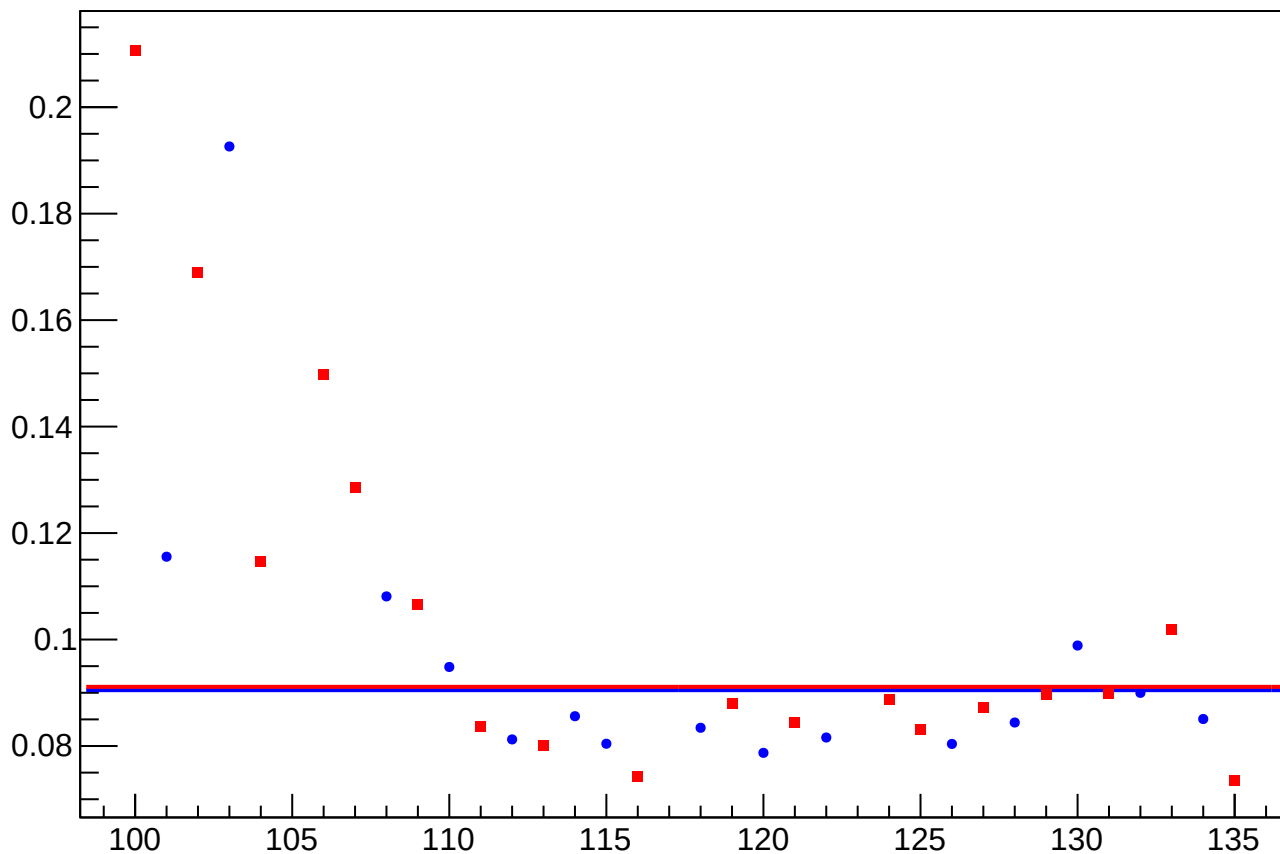
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 32.625+/-0.000 χ^2/NDF : 845015227.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_usr_rms vs Slug



Right In: 0.090+/-0.000 χ^2/NDF : 476241.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.091+/-0.000 χ^2/NDF : 589597.3/17

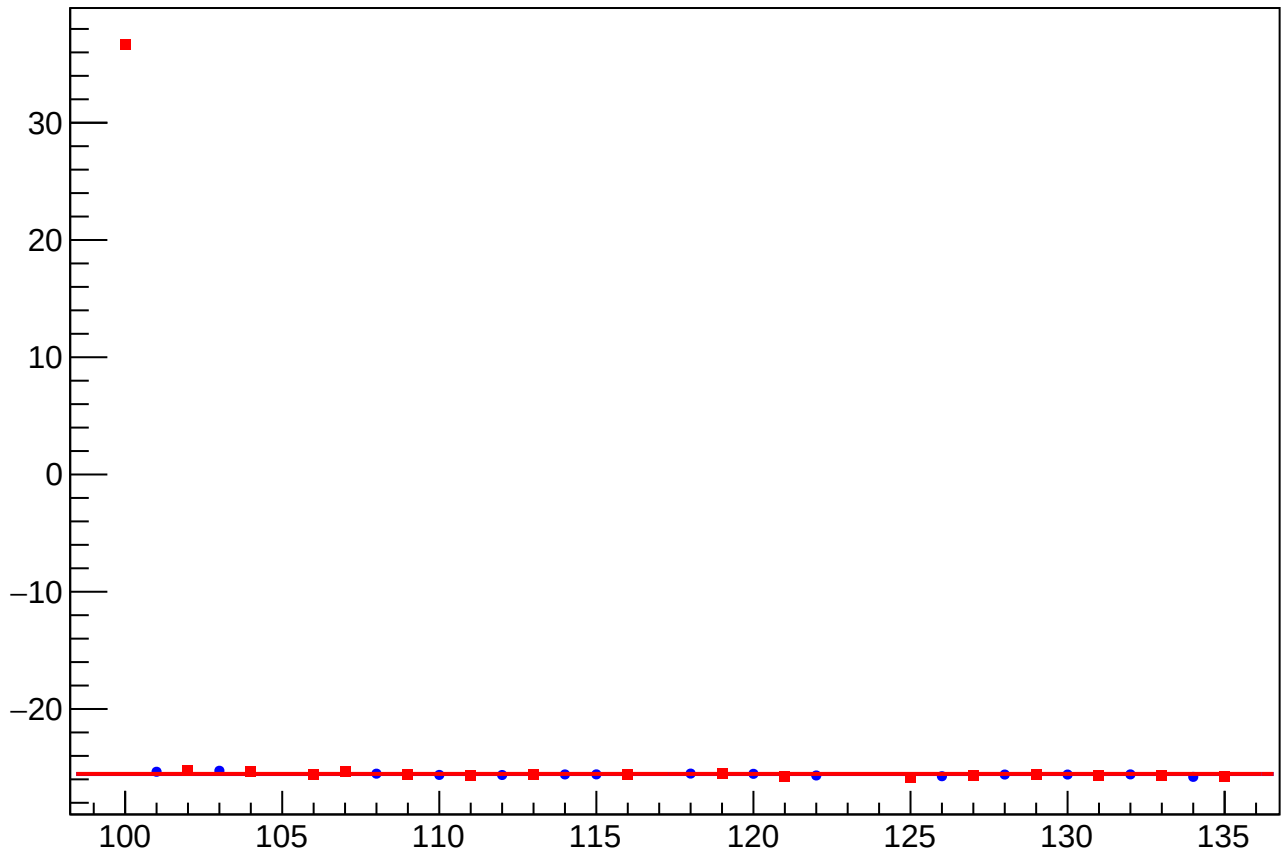
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.091+/-0.000 χ^2/NDF : 1066115.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsl_mean vs Slug



Right In: -25.547 $\pm$ 0.000 χ^2 /NDF: 68969581.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.536 $\pm$ 0.000 χ^2 /NDF: 8899284374.5/16

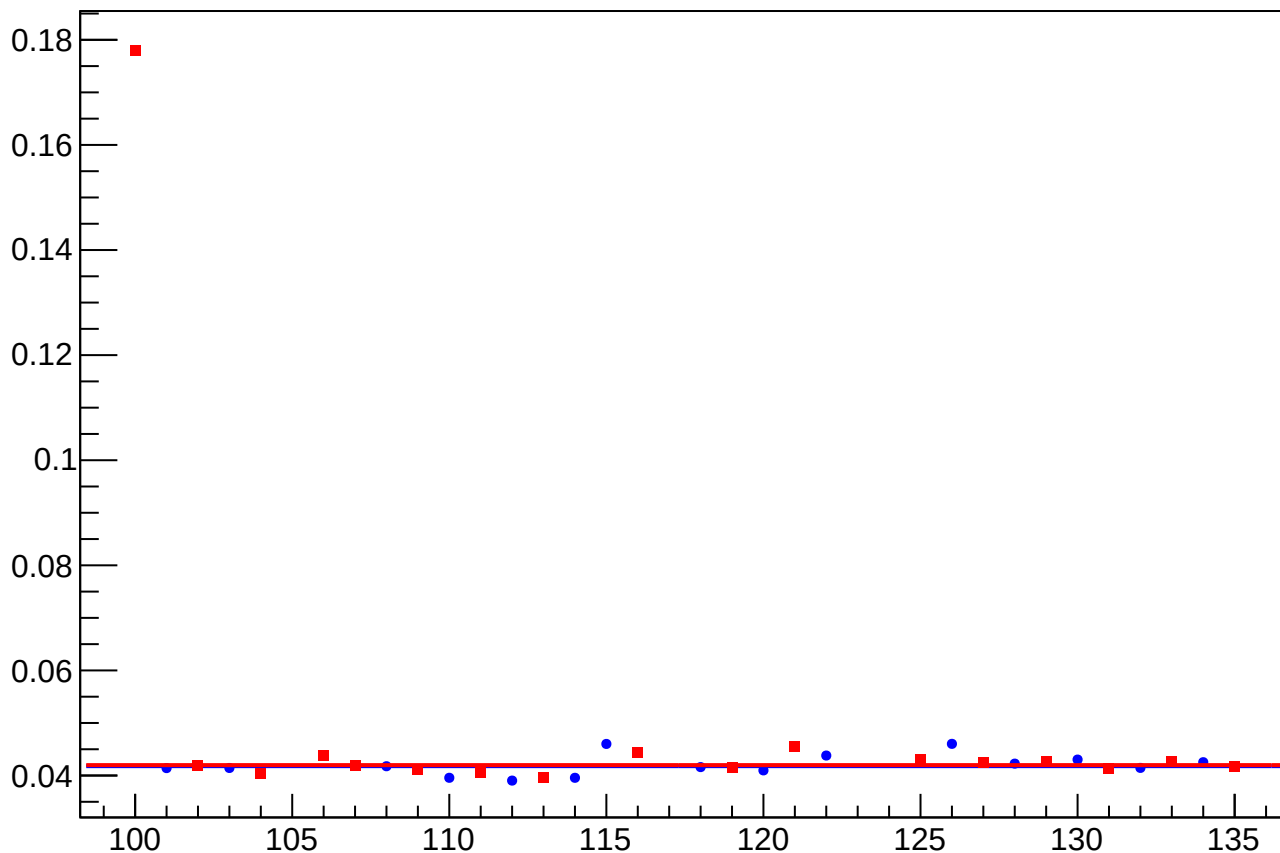
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.541 $\pm$ 0.000 χ^2 /NDF: 8968488387.8/14

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsl_rms vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 20656.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.042 $\pm$ 0.000 χ^2 /NDF: 99348.6/16

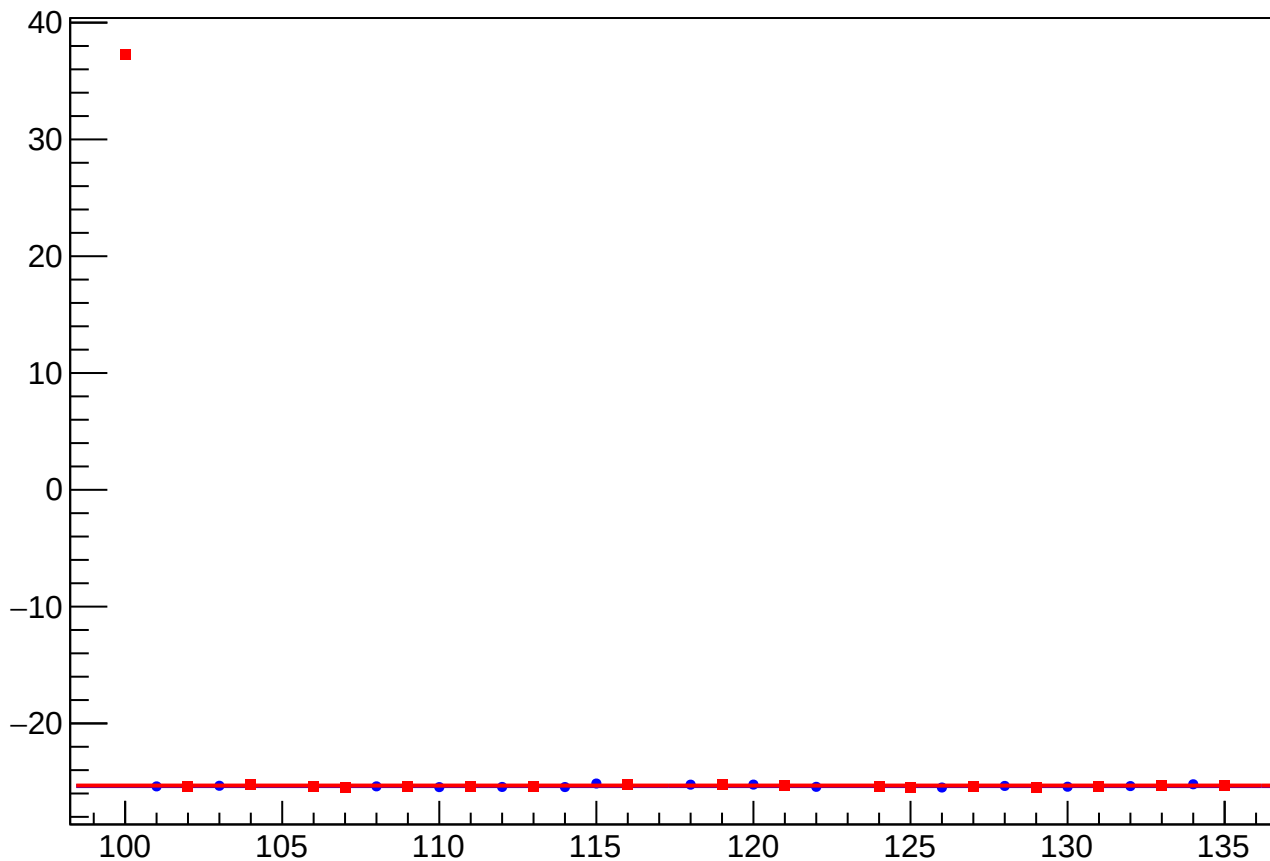
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.042 $\pm$ 0.000 χ^2 /NDF: 120153.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_dsr_mean vs Slug



Right In: -25.365+/-0.000 χ^2/NDF : 13009948.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

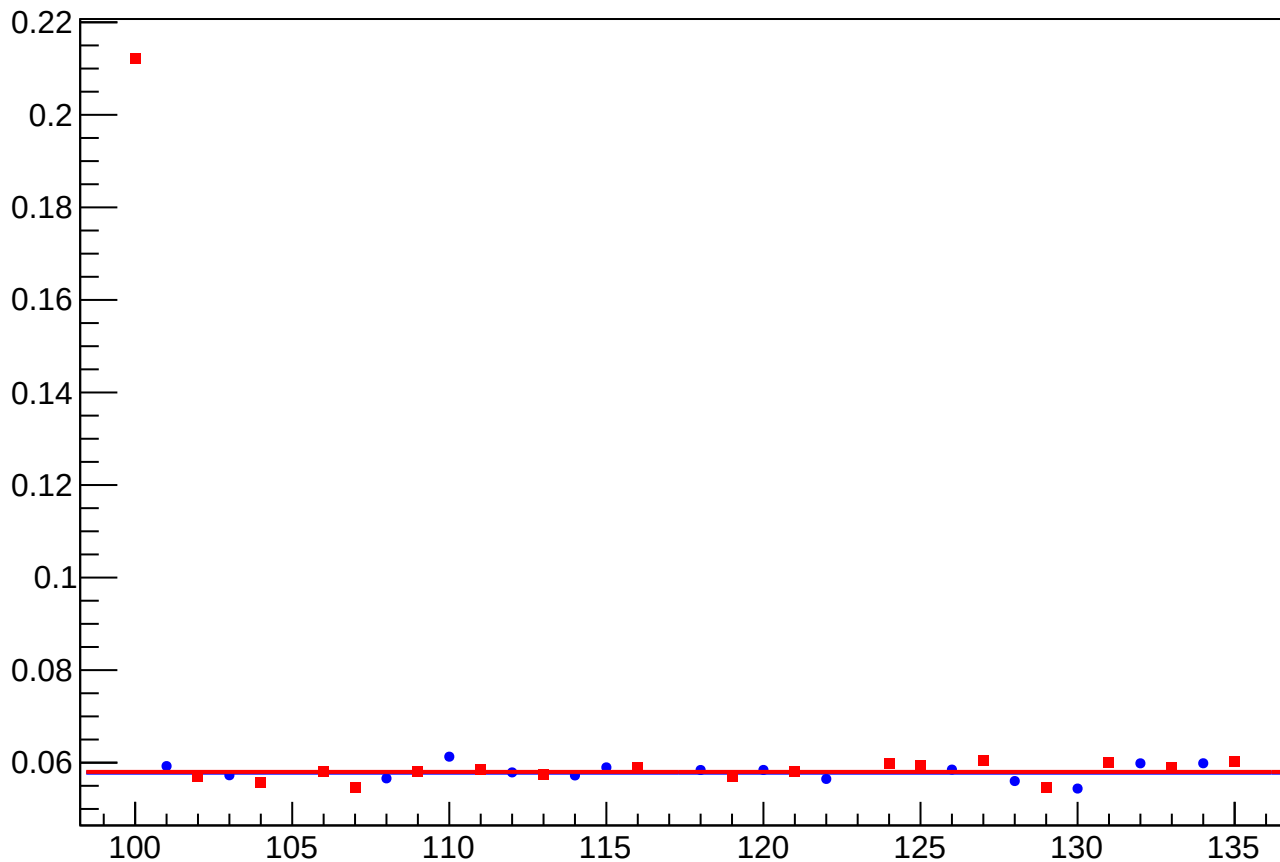
Right Out: -25.321+/-0.000 χ^2/NDF : 6314807791.4/17

All: -25.341+/-0.000 χ^2/NDF : 6329680337.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_dsr_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 11205.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.058+/-0.000 χ^2/NDF : 88662.0/17

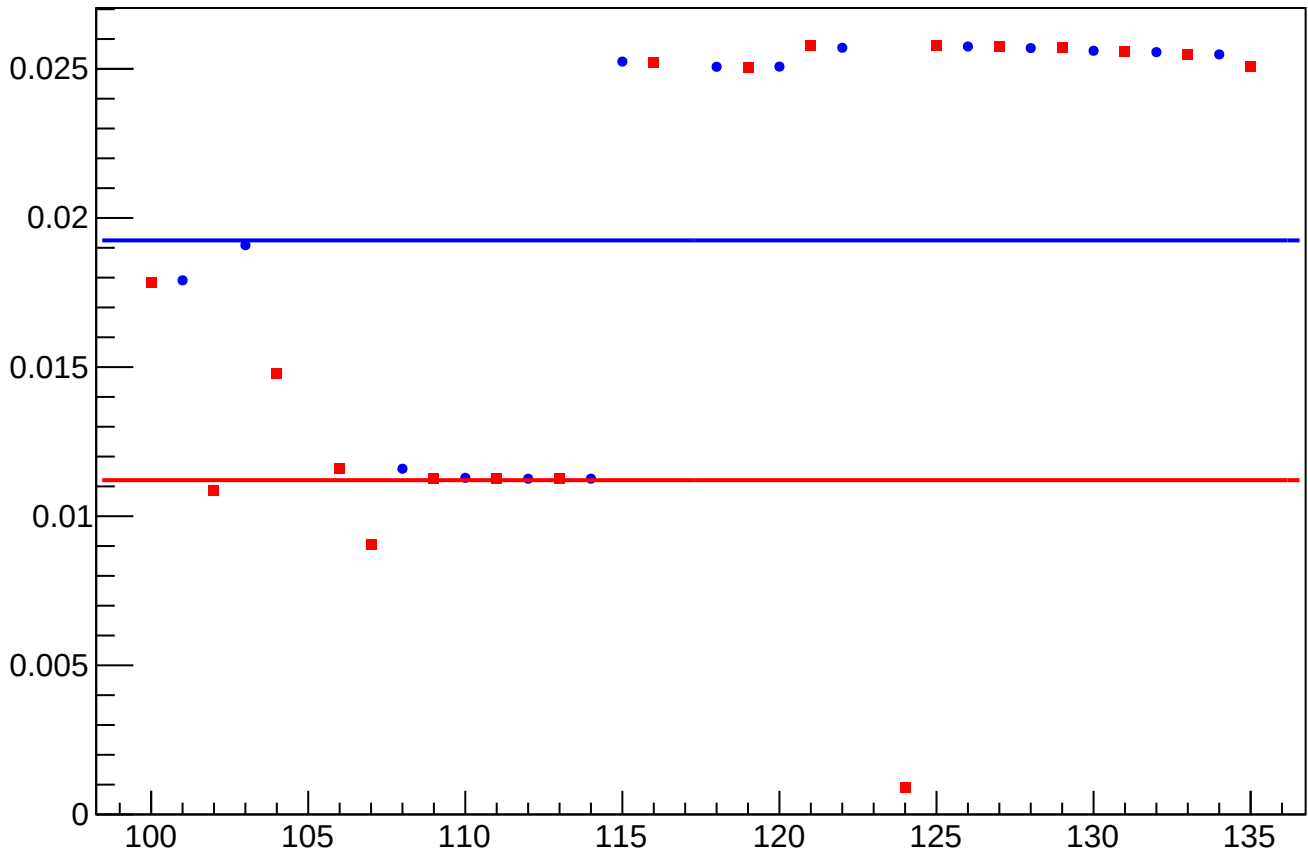
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.058+/-0.000 χ^2/NDF : 99923.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_mean vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 57070823432.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 245994536632.9/17

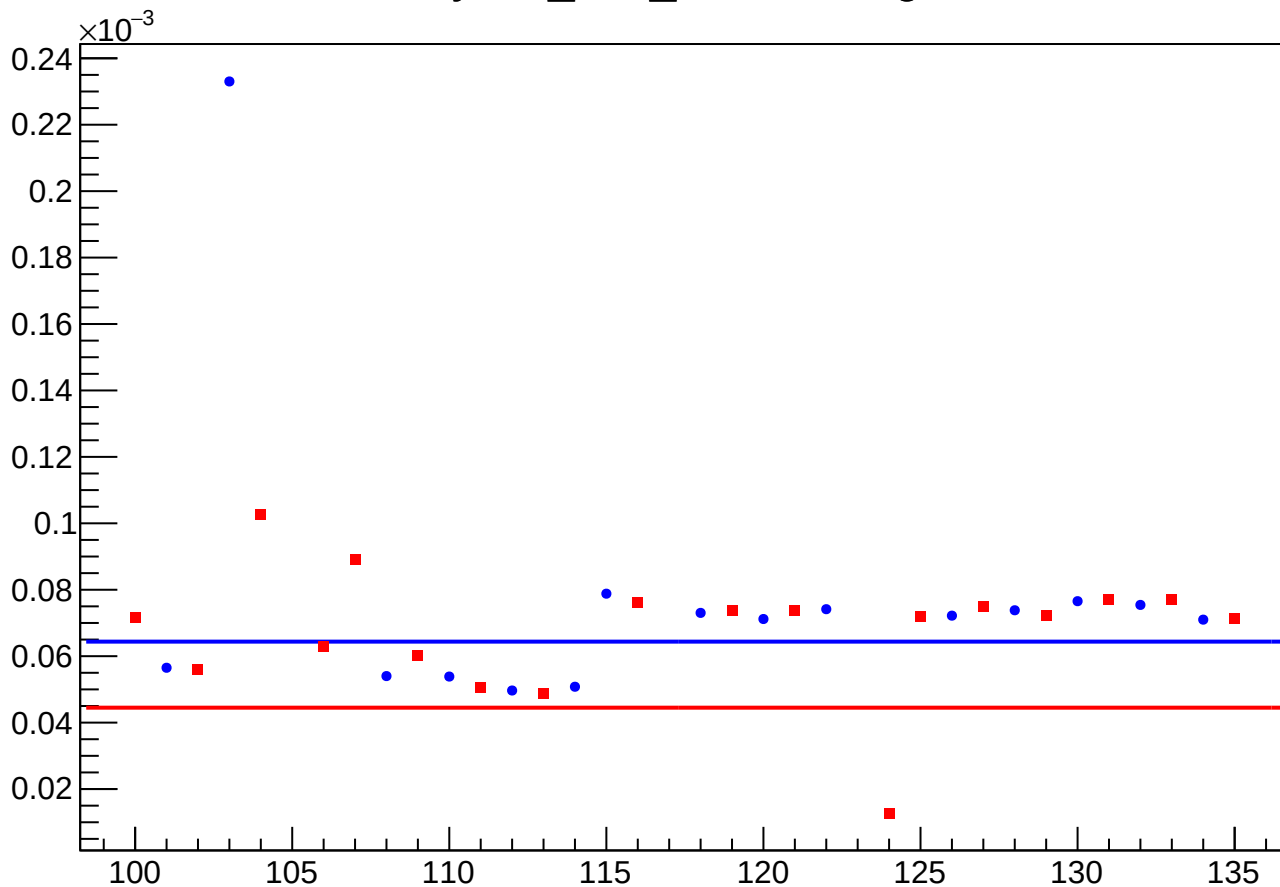
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 360149248208.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl1_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 811348.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3721483.5/17

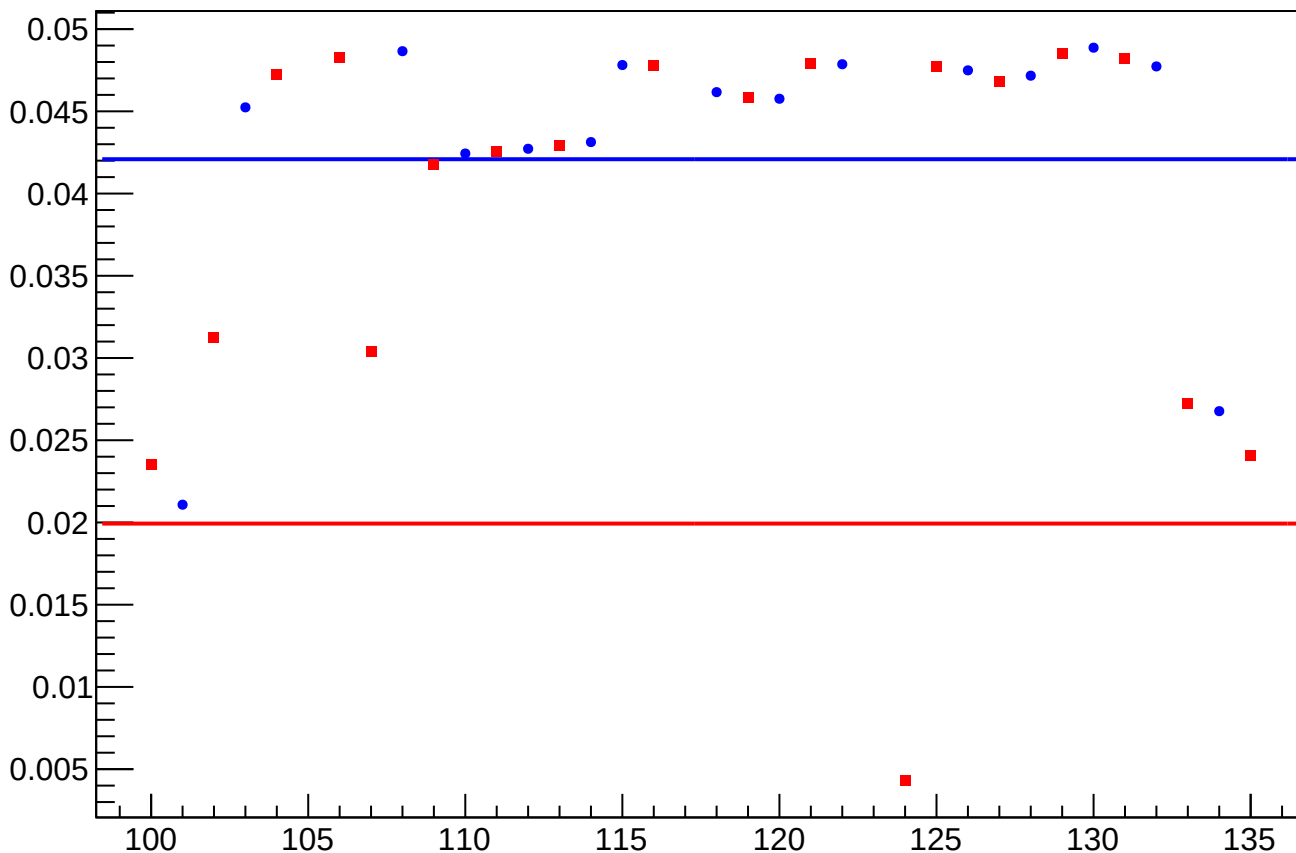
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5231149.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atl2_mean vs Slug



Right In: 0.042 $\pm$ 0.000 χ^2 /NDF: 3980971518.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 42128905885.5/17

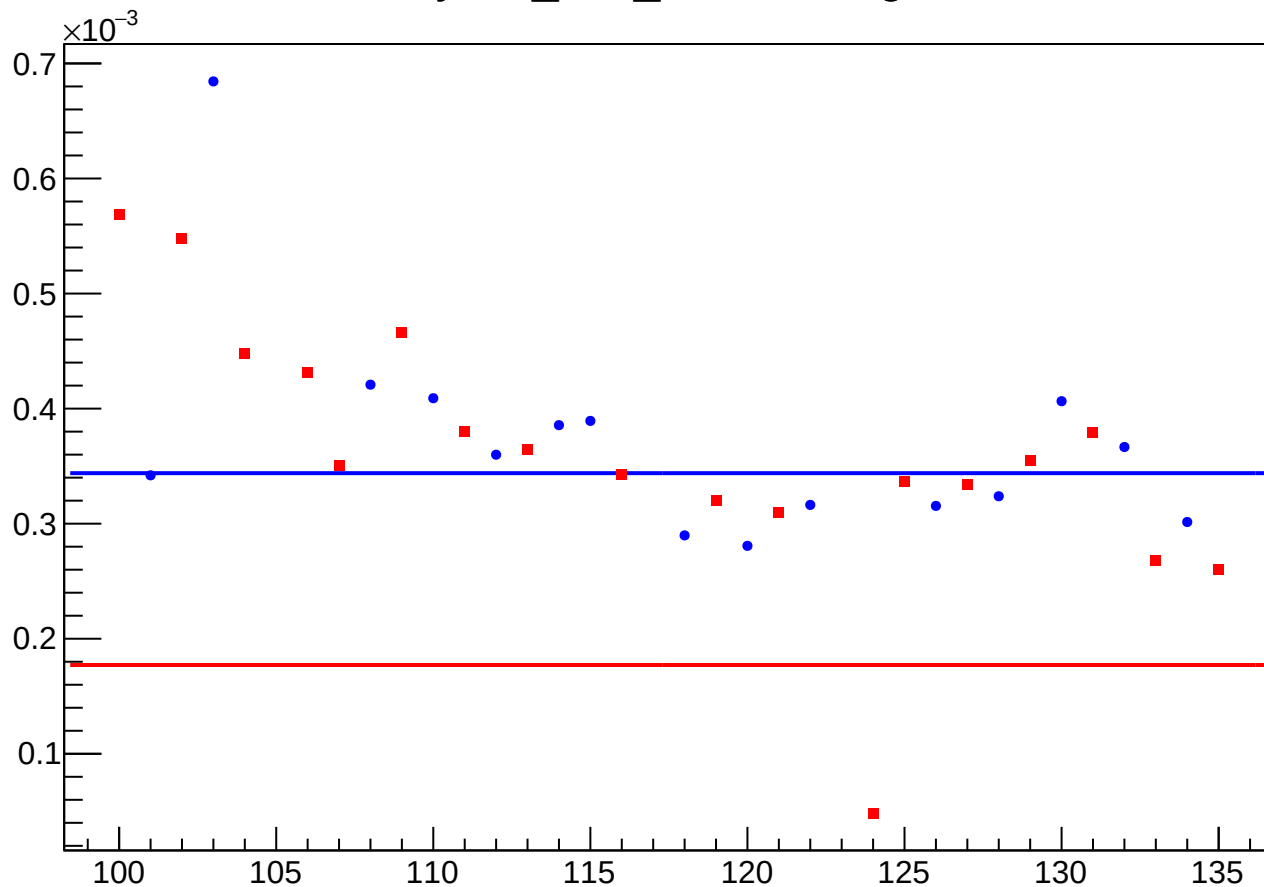
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.026 $\pm$ 0.000 χ^2 /NDF: 62628403941.7/3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atl2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 446061.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 5625828.9/17

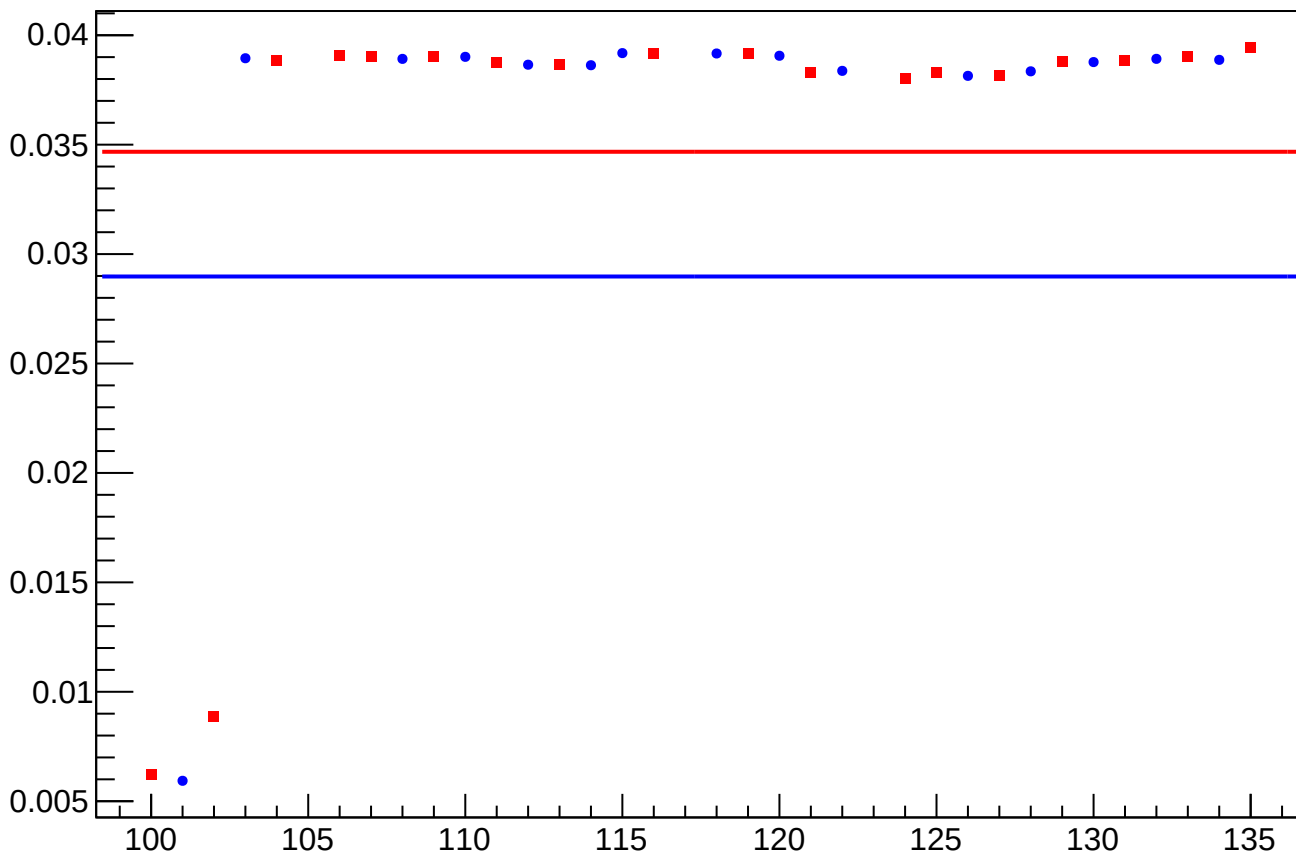
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 7942976.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr1_mean vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 103471235439.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.035+/-0.000 χ^2/NDF : 47039277274.3/17

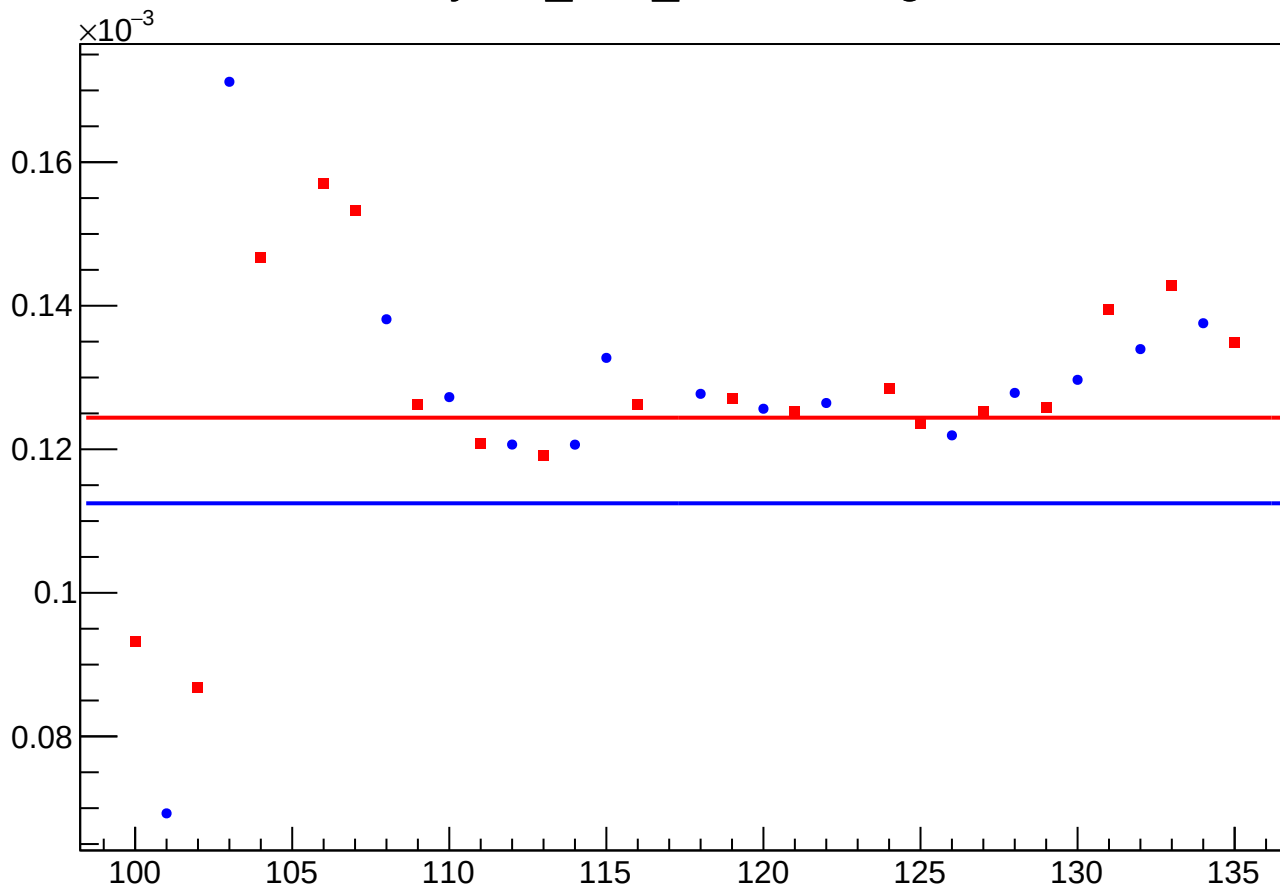
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.032+/-0.000 χ^2/NDF : 157766048105.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr1_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 815240.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 257851.2/17

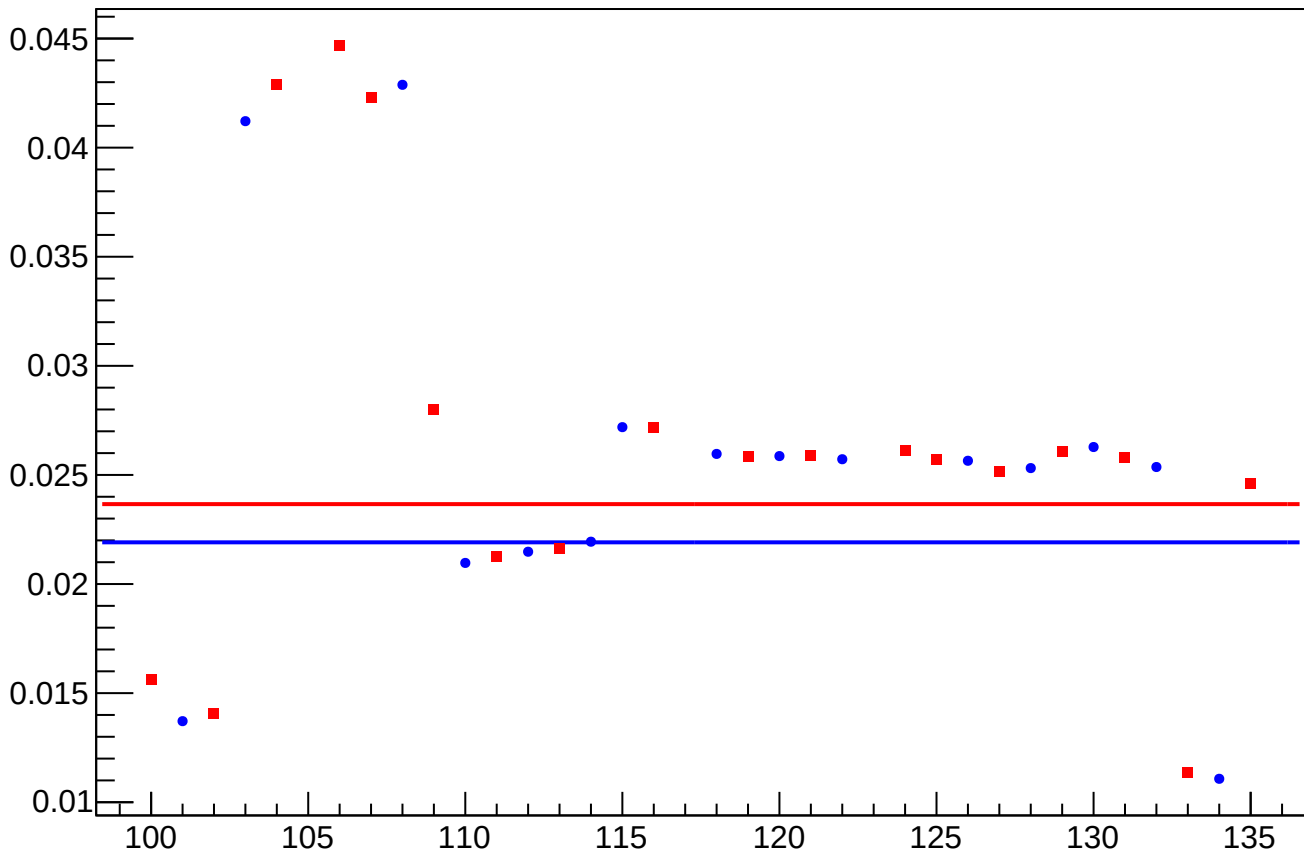
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1136676.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_atr2_mean vs Slug



Right In: 0.022+/-0.000 χ^2/NDF : 4921552625.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.024+/-0.000 χ^2/NDF : 5577913797.0/17

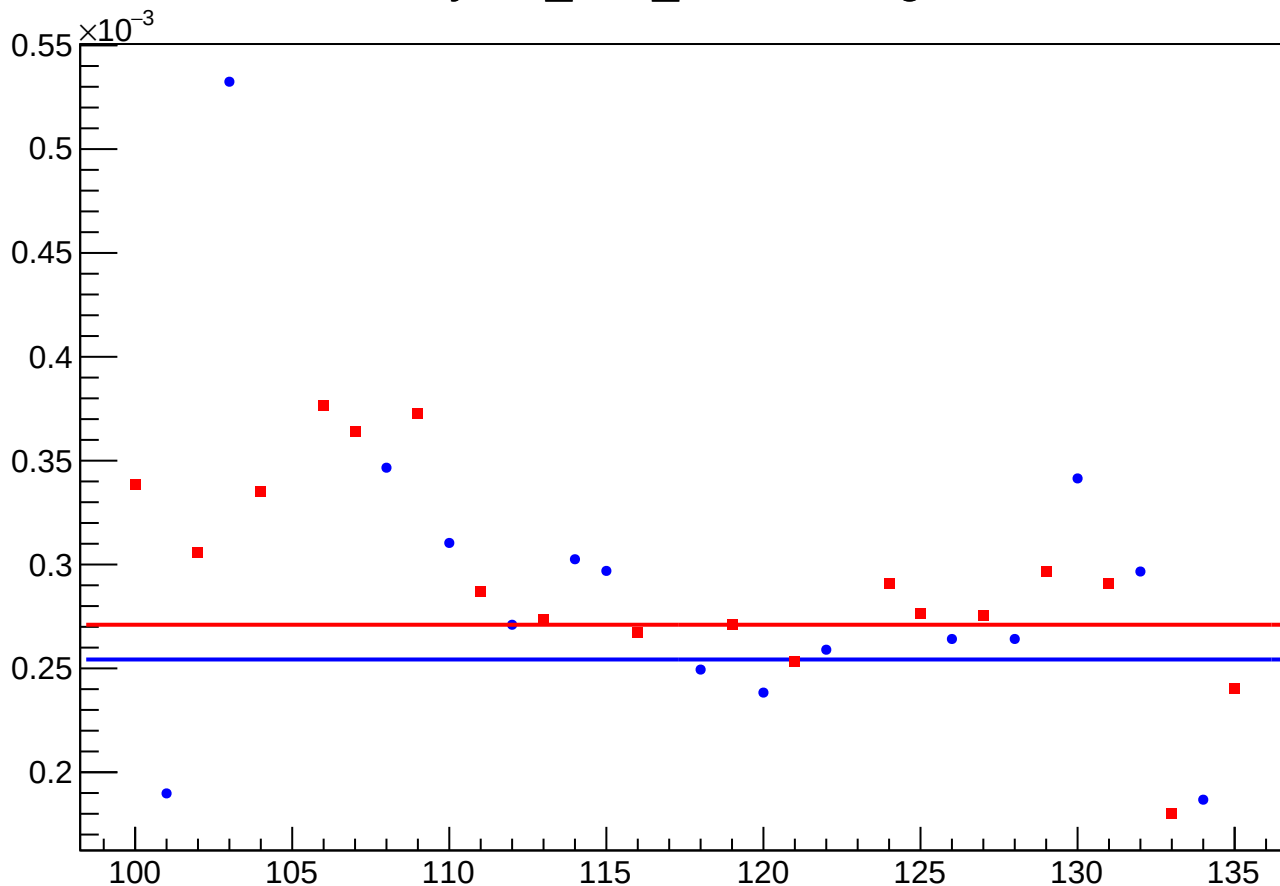
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 10629360227.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_atr2_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 703729.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 435221.4/17

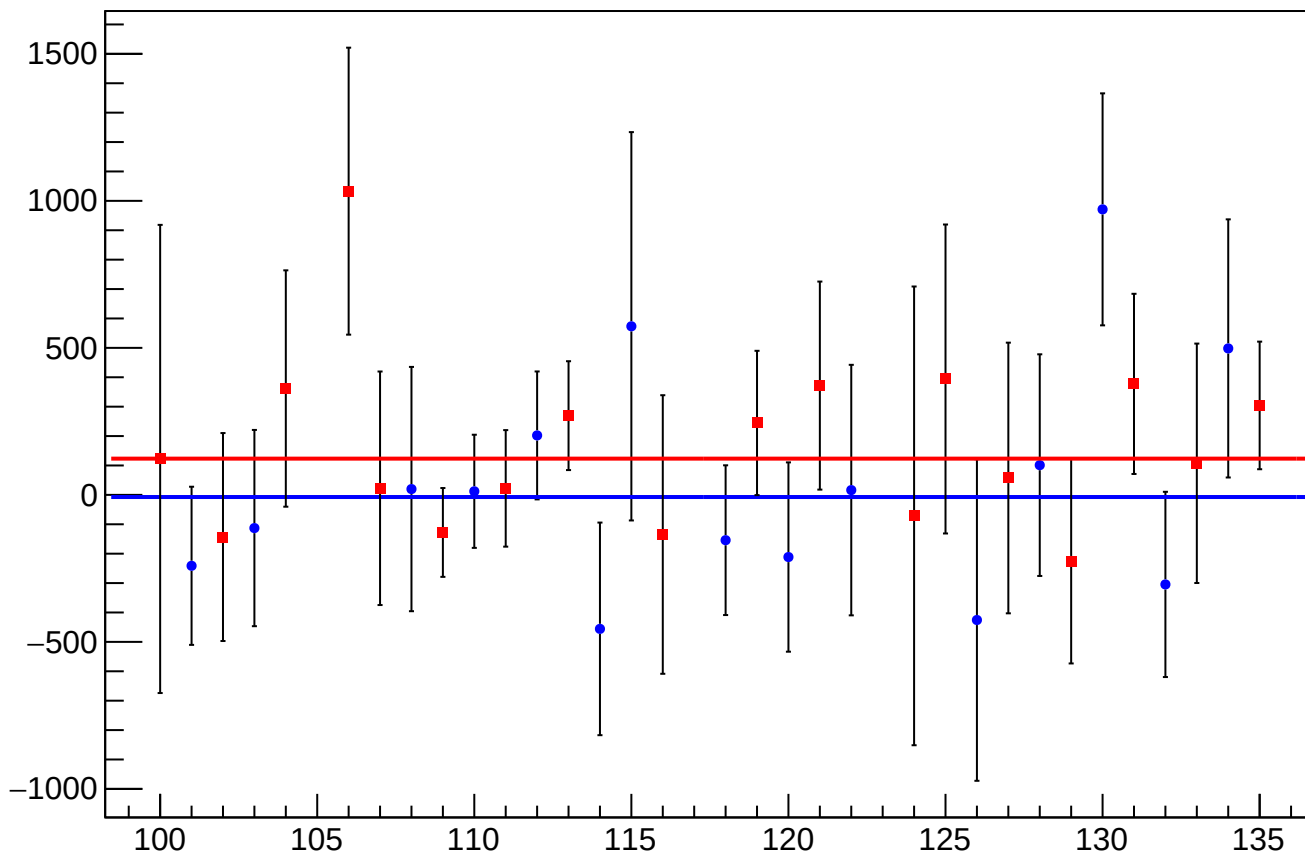
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1162653.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -7.299 ± 81.834 $\chi^2/\text{NDF}: 13.9/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 123.264 ± 69.014 $\chi^2/\text{NDF}: 11.9/17$

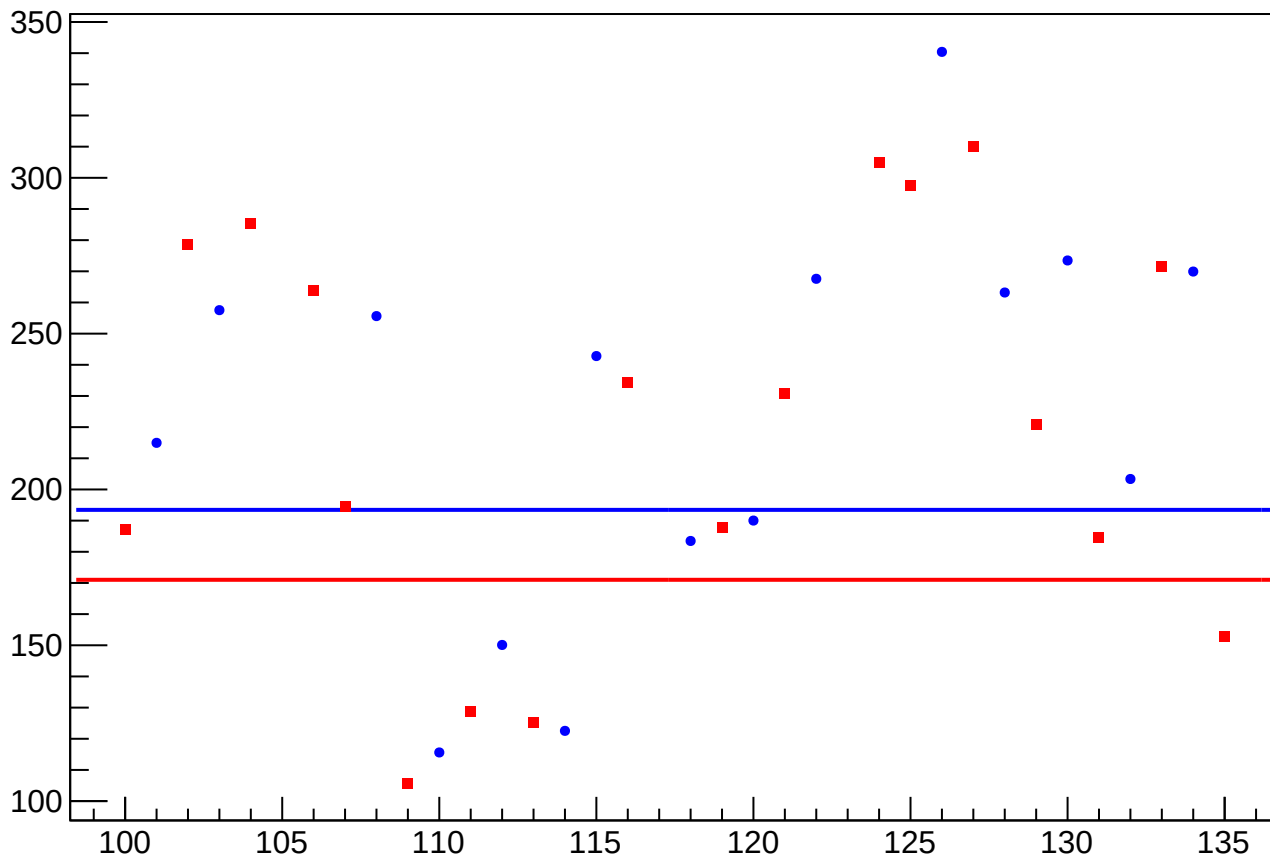
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 68.999 ± 52.757 $\chi^2/\text{NDF}: 27.2/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_an_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.012+/-0.049 χ^2/NDF : 1655983.8/17

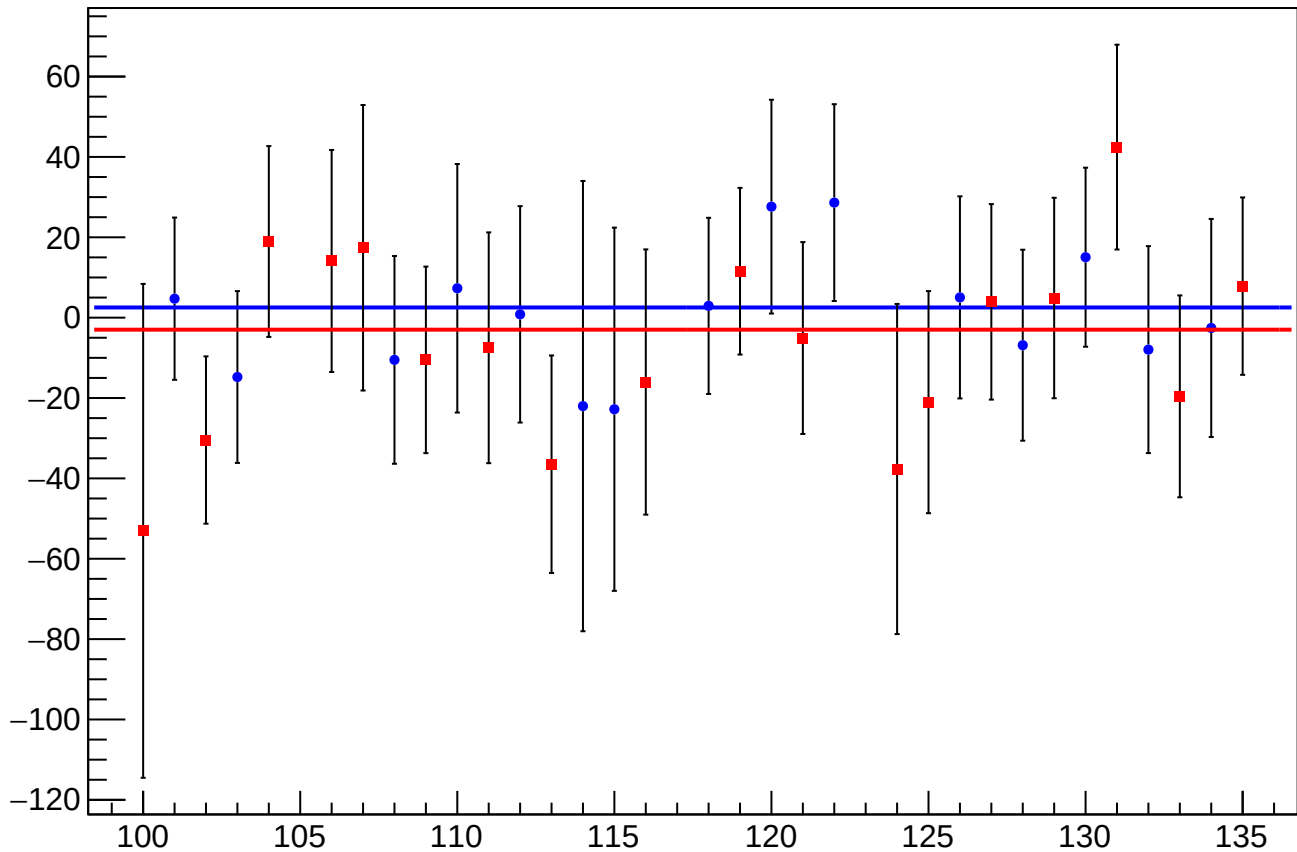
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.339+/-0.037 χ^2/NDF : 2791738.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 2.536 $\pm$ 6.628 χ^2 /NDF: 4.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -2.989 $\pm$ 6.172 χ^2 /NDF: 11.5/17

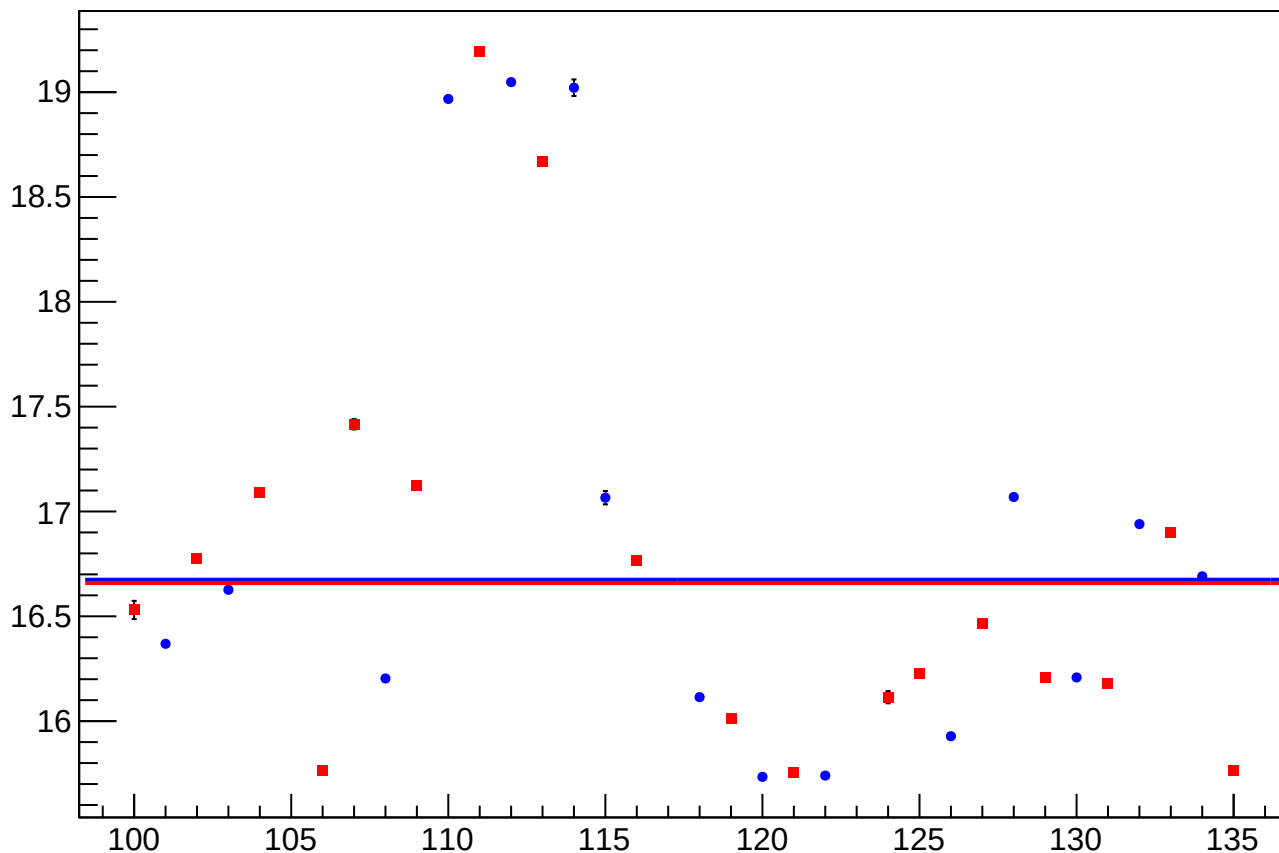
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.423 $\pm$ 4.517 χ^2 /NDF: 16.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.674+/-0.005 χ^2/NDF : 41432.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.658+/-0.004 χ^2/NDF : 41753.5/17

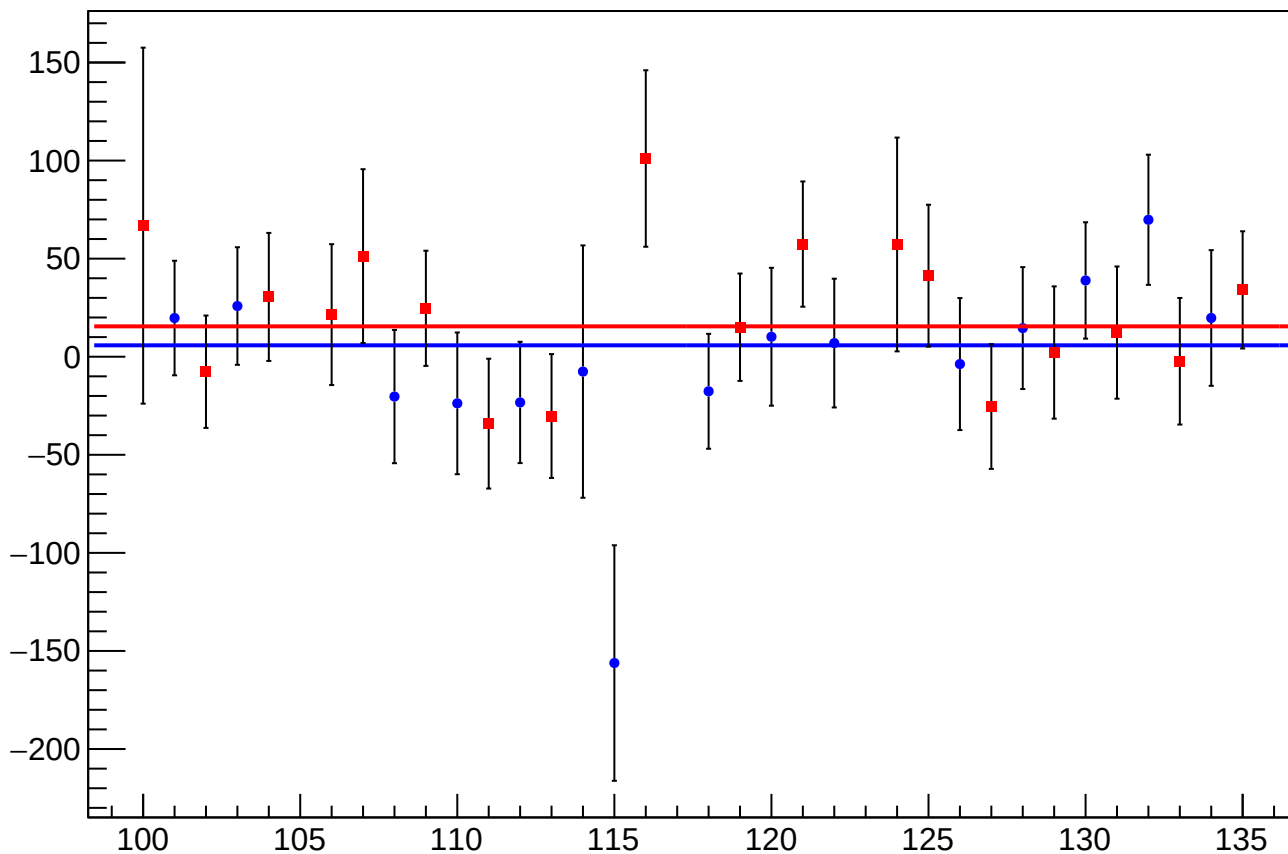
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.666+/-0.003 χ^2/NDF : 83192.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 5.812 $\pm$ 8.709 χ^2 /NDF: 16.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.483 $\pm$ 8.063 χ^2 /NDF: 15.3/17

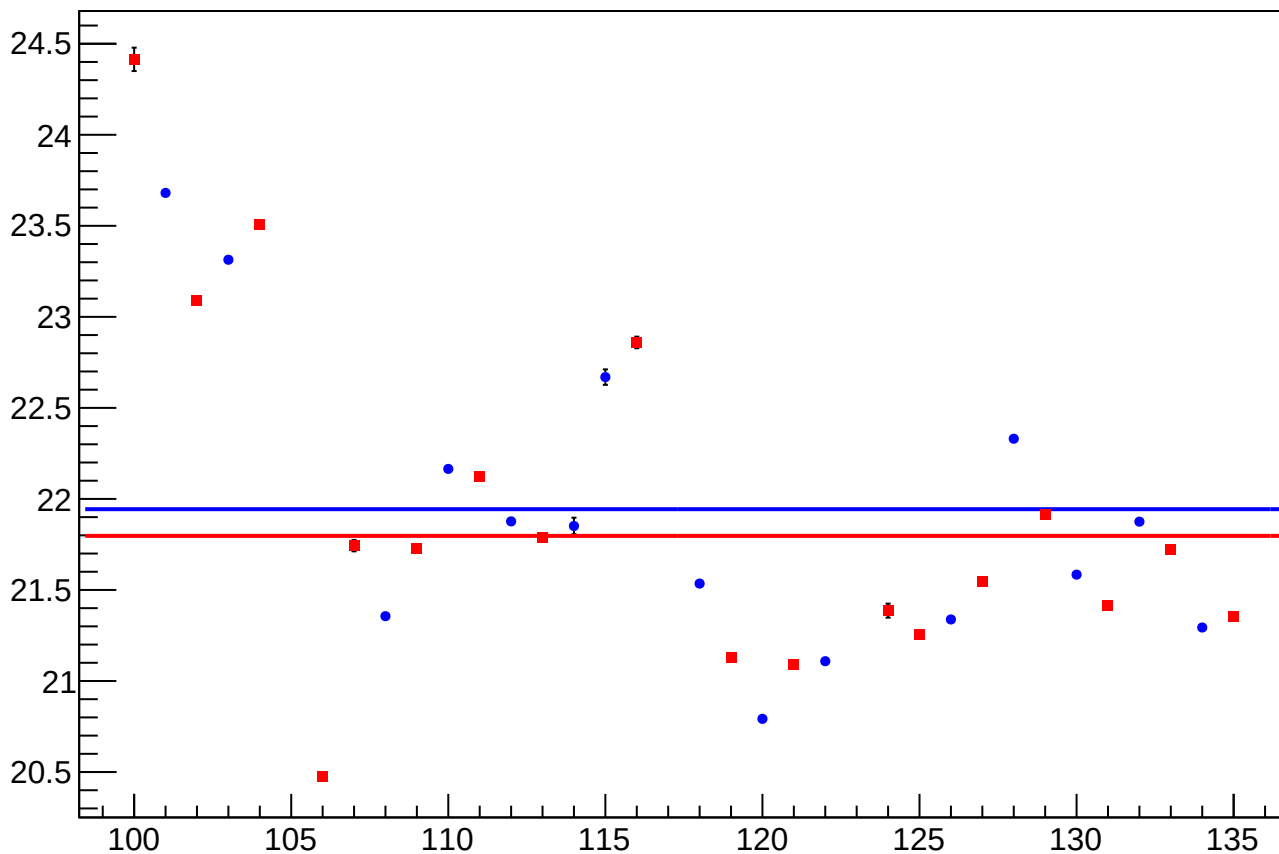
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.019 $\pm$ 5.917 χ^2 /NDF: 32.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.944+/-0.006 χ^2/NDF : 18030.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.797+/-0.006 χ^2/NDF : 18860.6/17

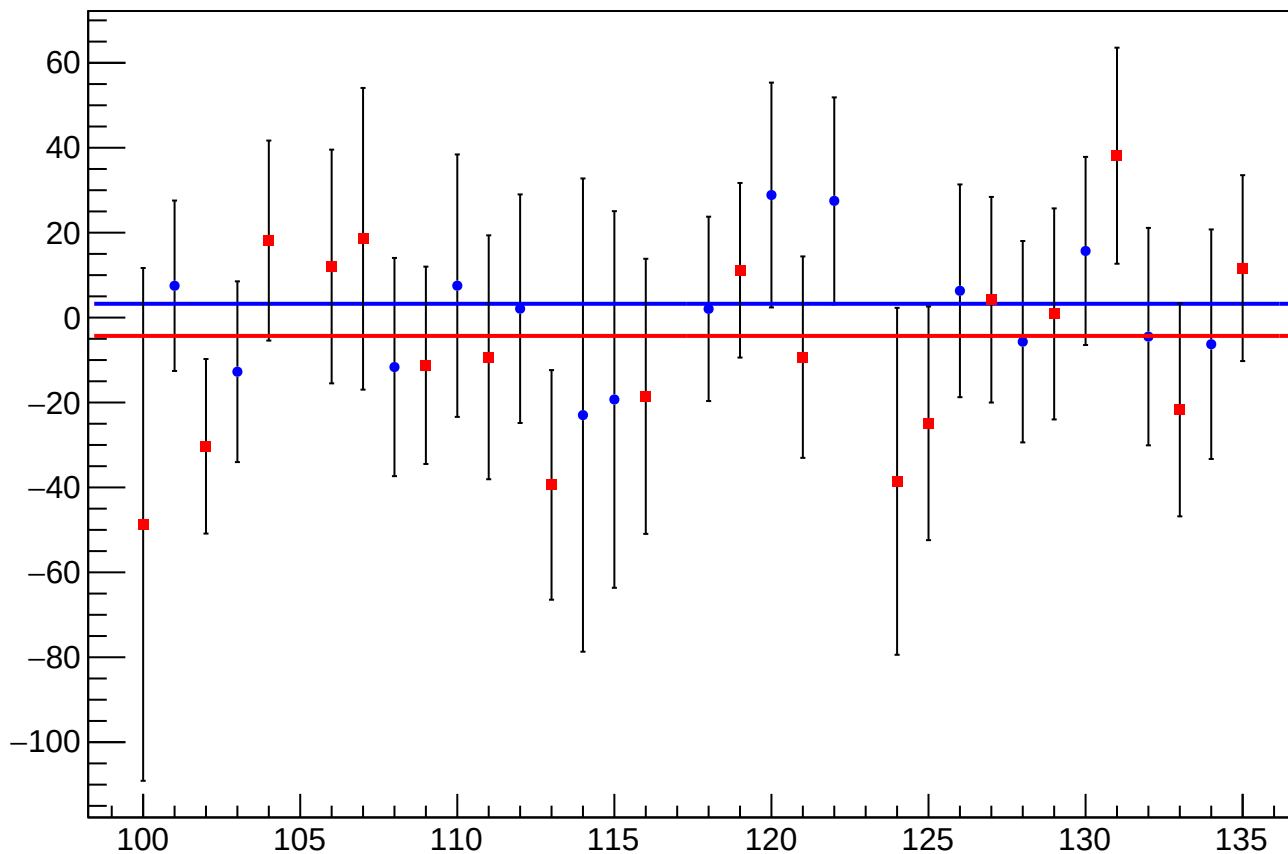
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.865+/-0.004 χ^2/NDF : 37196.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 3.250+/-6.594 χ^2/NDF : 4.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.316+/-6.137 χ^2/NDF : 11.7/17

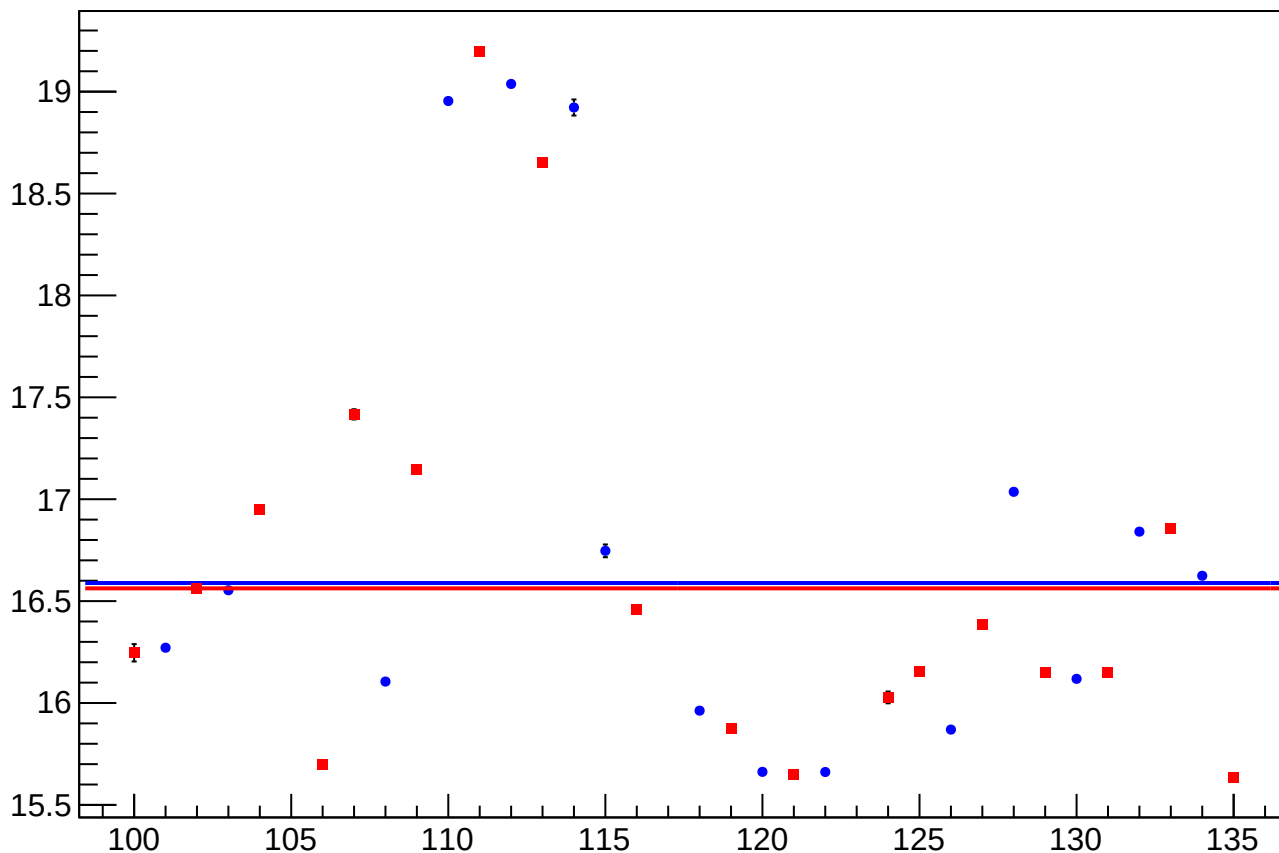
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.805+/-4.492 χ^2/NDF : 16.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 16.589+/-0.005 χ^2/NDF : 43485.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.563+/-0.004 χ^2/NDF : 44776.6/17

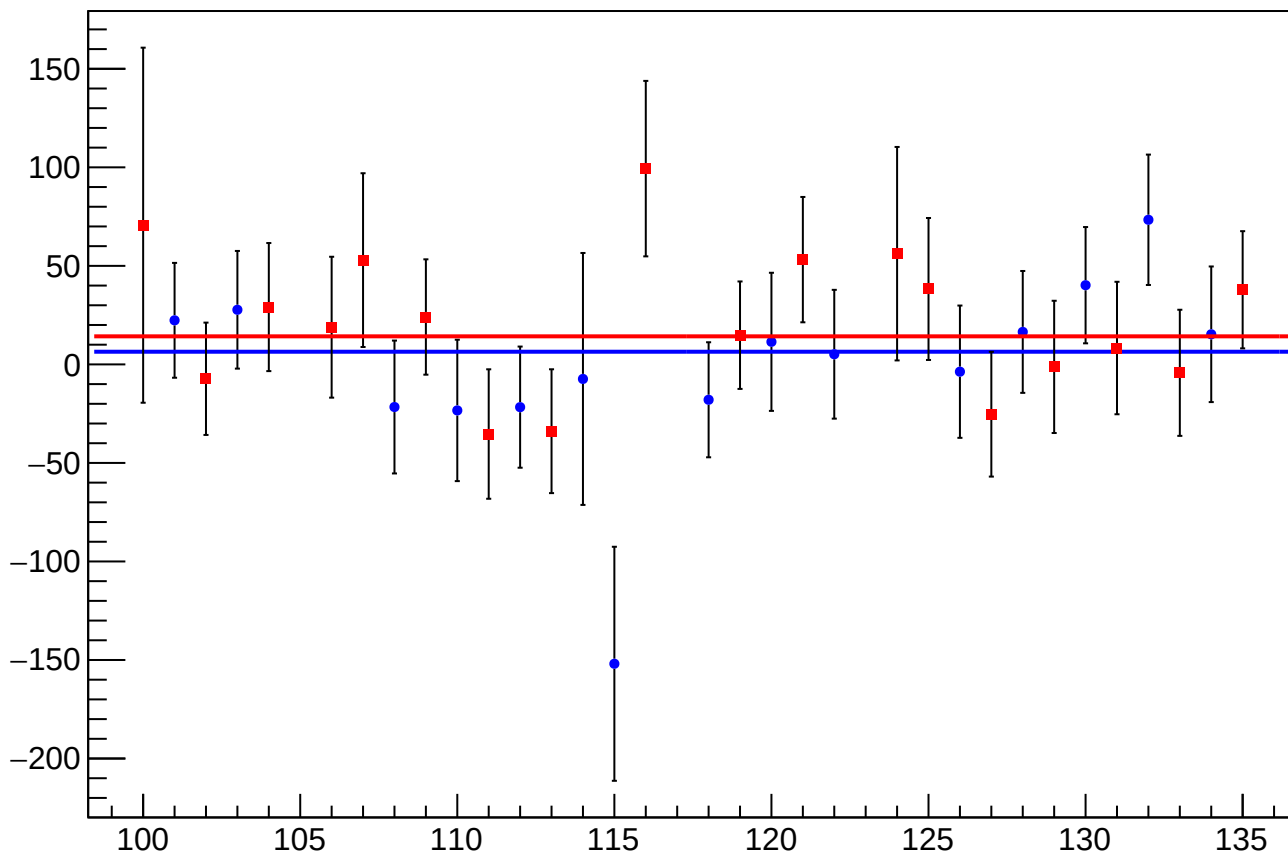
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.575+/-0.003 χ^2/NDF : 88278.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_mean vs Slug



Right In: 6.430+/-8.669 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.240+/-8.023 χ^2/NDF : 15.7/17

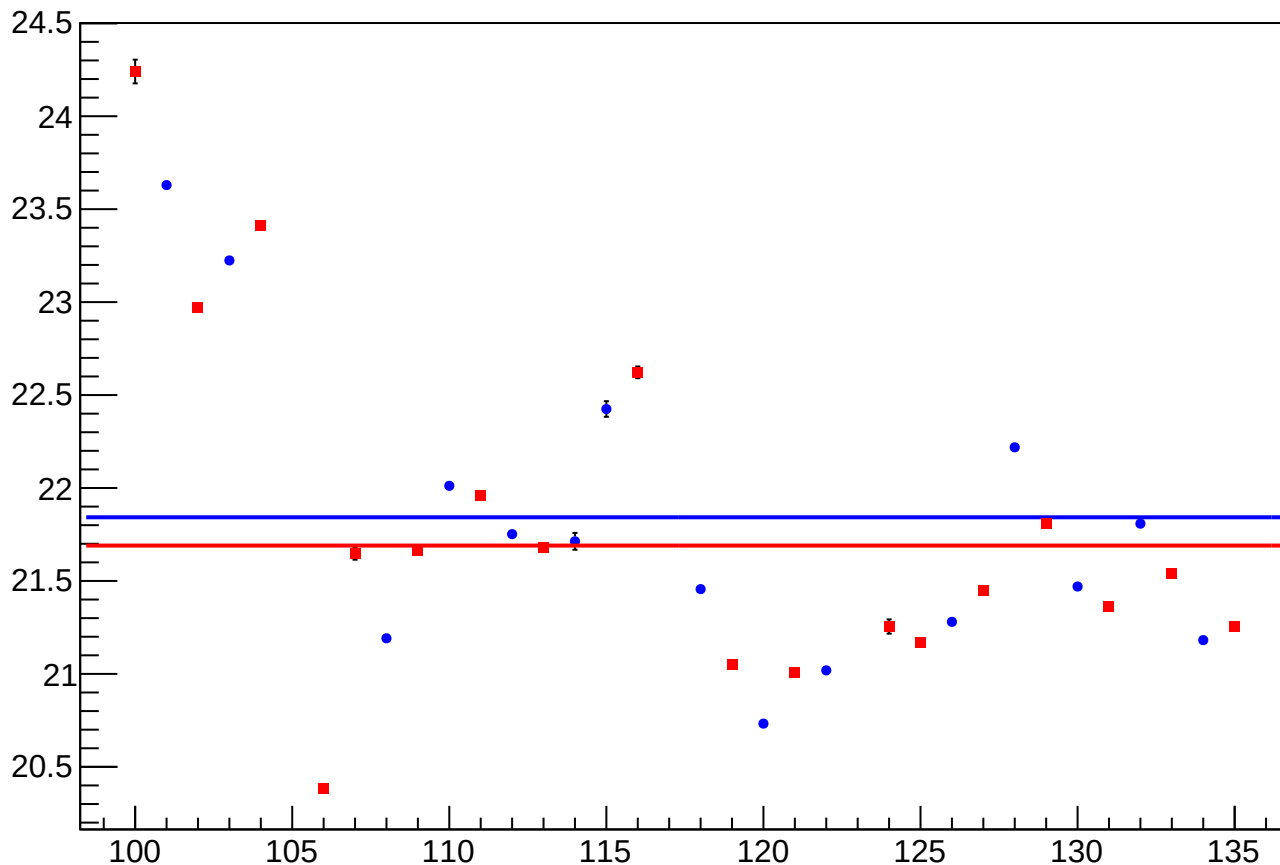
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.636+/-5.888 χ^2/NDF : 32.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_ds3_avg_bcm_dg_us_agg_dd_rms vs Slug



Right In: 21.843+/-0.006 χ^2/NDF : 18356.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.690+/-0.006 χ^2/NDF : 18328.9/17

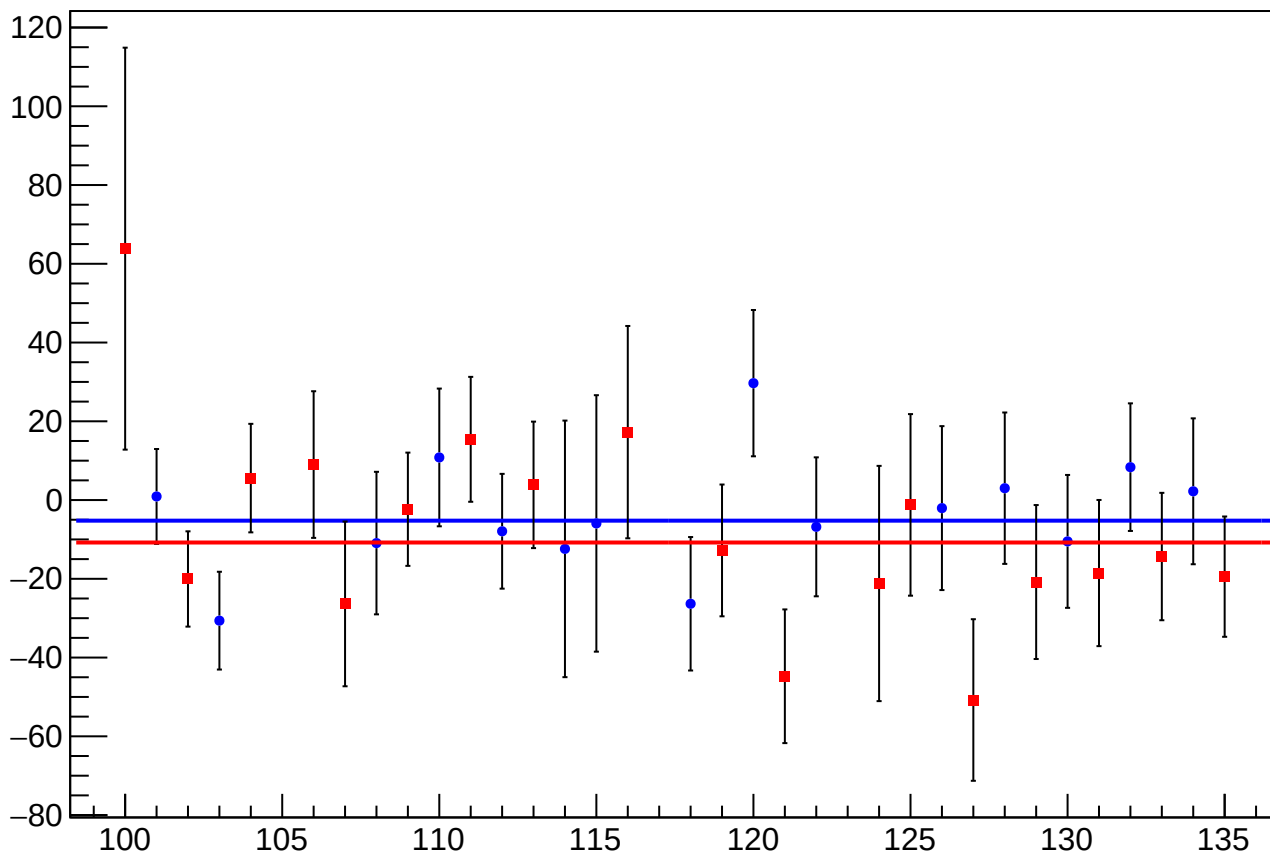
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.761+/-0.004 χ^2/NDF : 37017.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.234+/-4.422 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.781+/-4.161 χ^2/NDF : 19.7/17

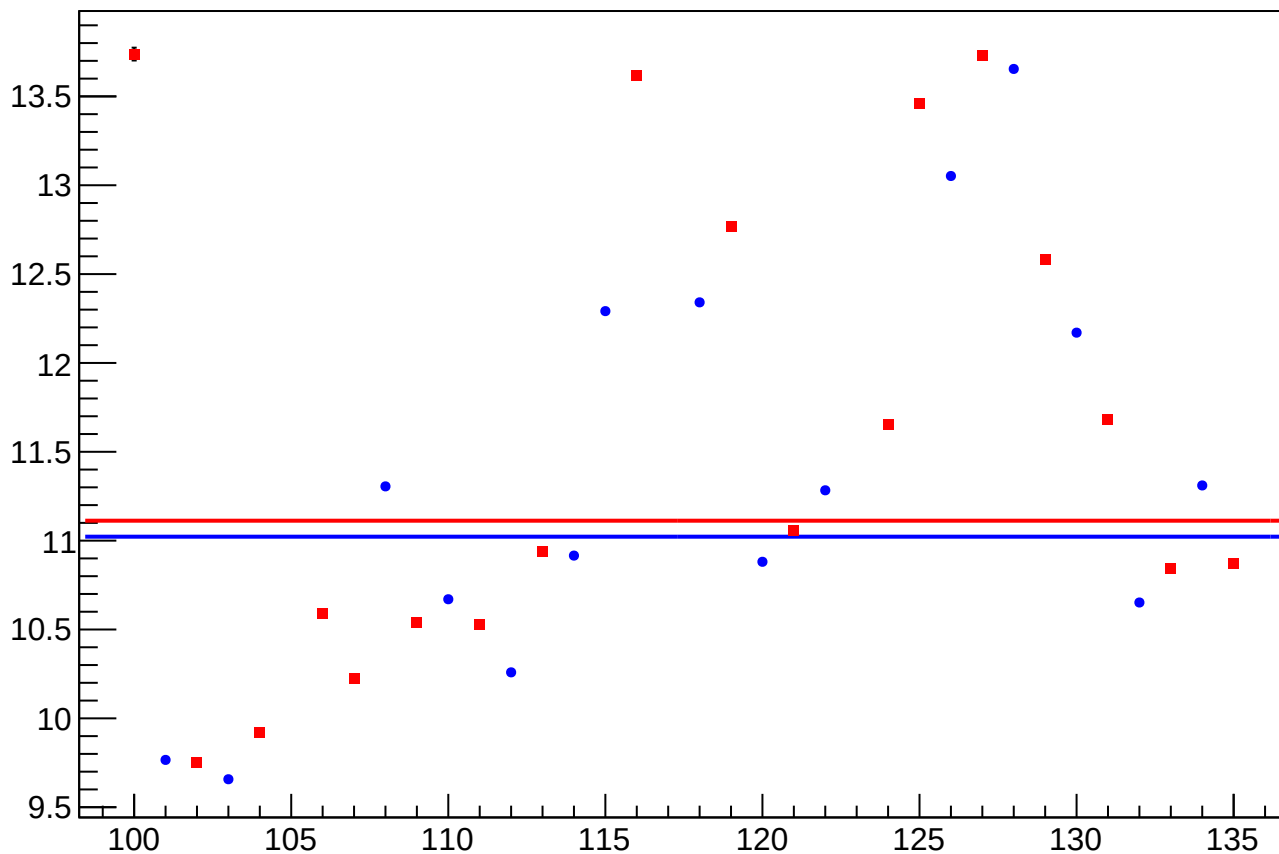
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.176+/-3.030 χ^2/NDF : 32.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 11.022 $\pm$ 0.003 χ^2 /NDF: 135724.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.112 $\pm$ 0.003 χ^2 /NDF: 161889.7/17

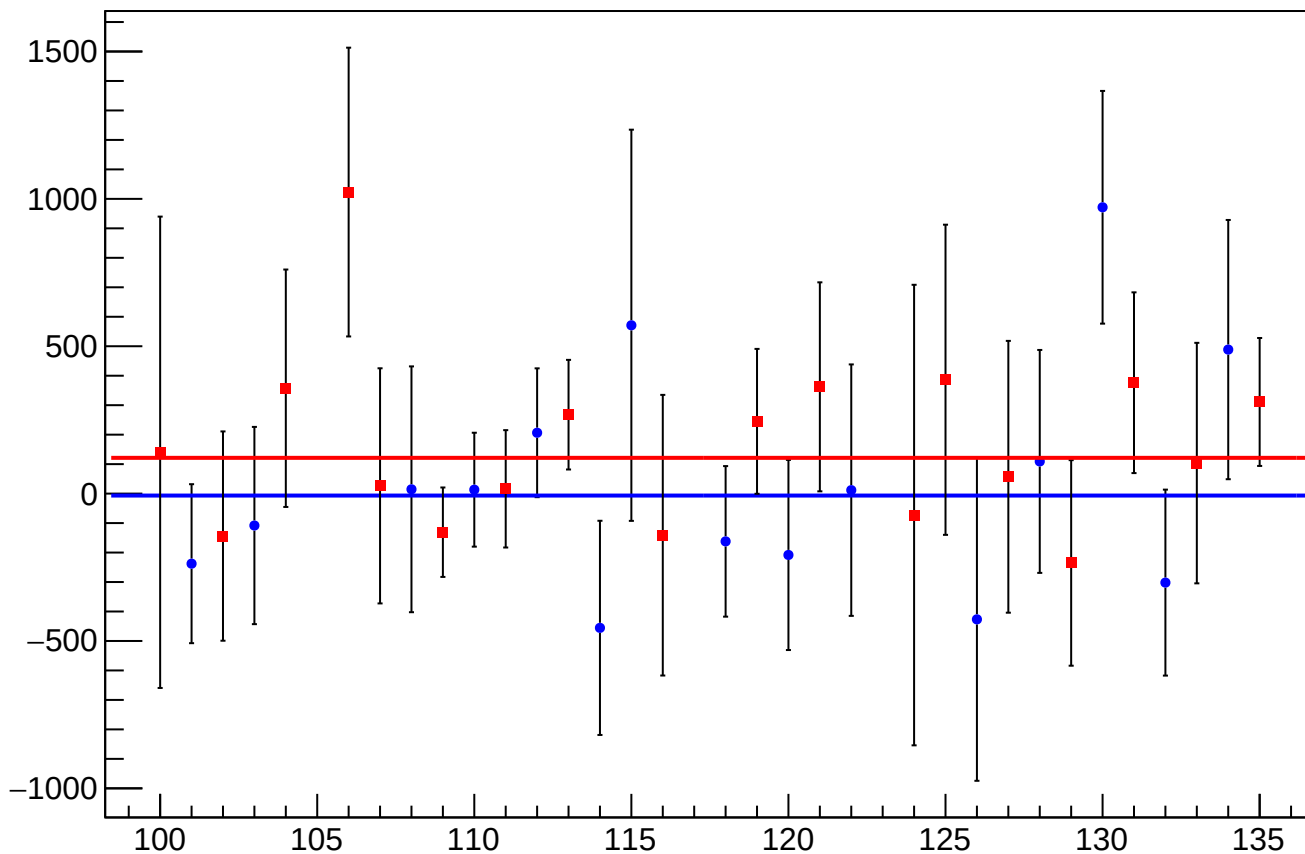
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.070 $\pm$ 0.002 χ^2 /NDF: 298053.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_mean vs Slug



Right In: -6.607 ± 82.093 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 121.352 ± 69.227 χ^2/NDF : 11.9/17

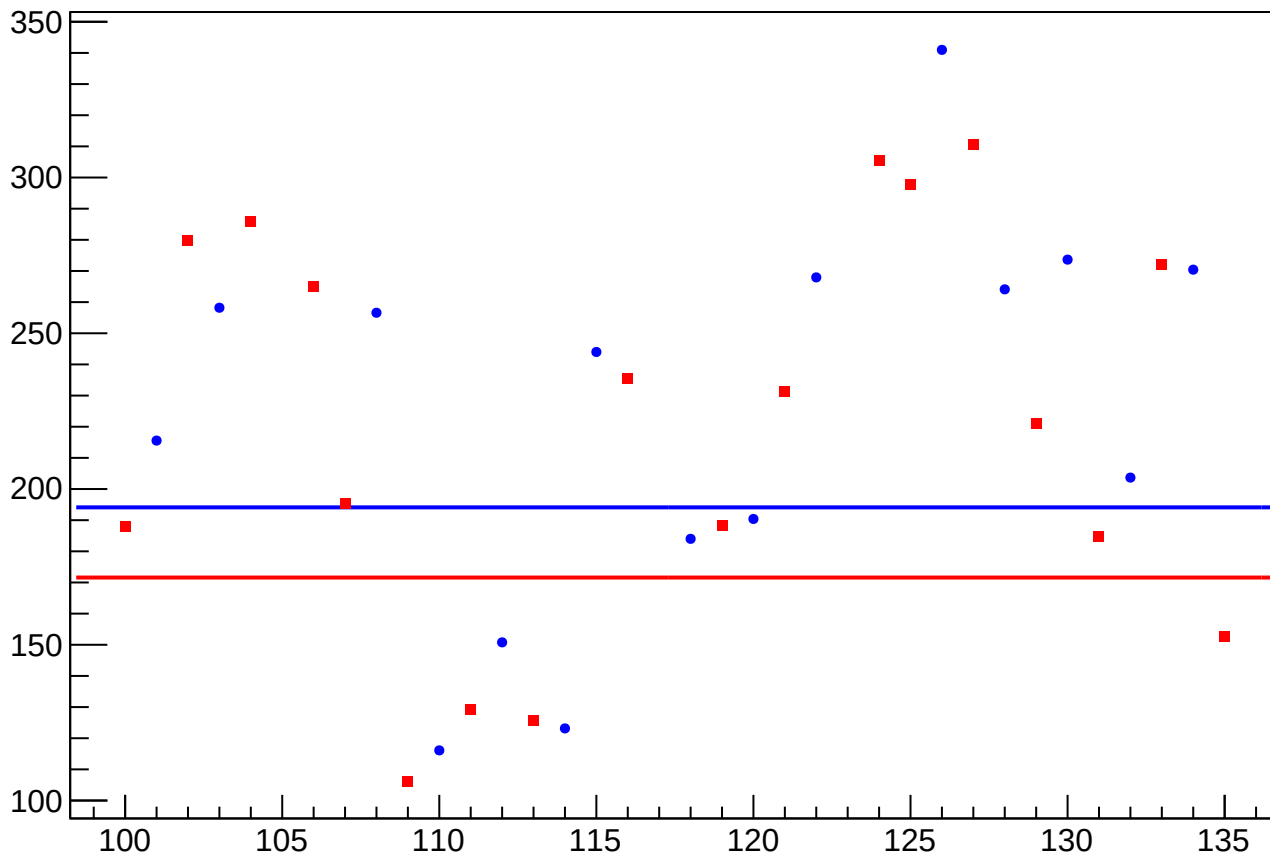
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 68.174 ± 52.922 χ^2/NDF : 27.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_avg_rms vs Slug



Right In: 194.115 $\pm$ 0.058 χ^2 /NDF: 1041862.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.585 $\pm$ 0.049 χ^2 /NDF: 1649333.5/17

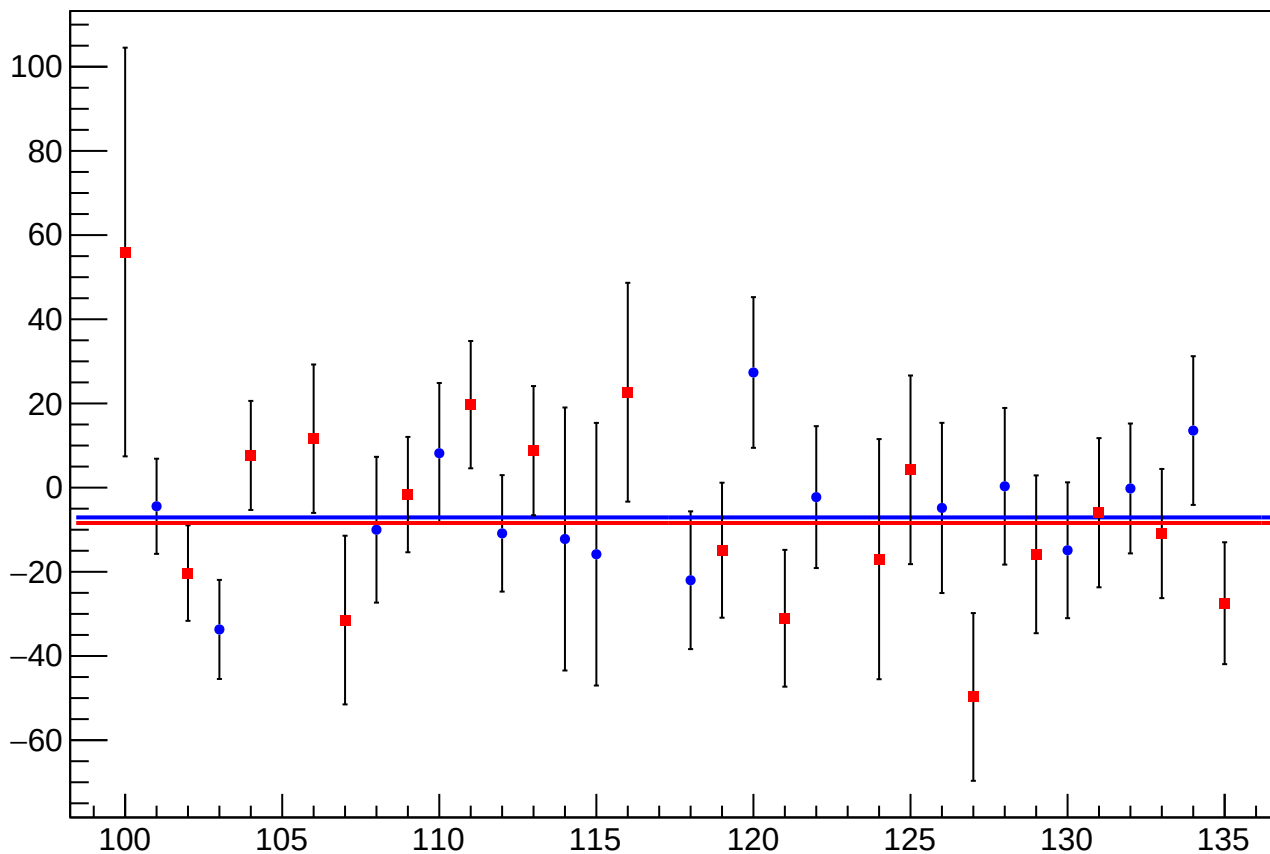
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.948 $\pm$ 0.037 χ^2 /NDF: 2779232.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_mean vs Slug



Right In: -7.074 $\pm$ 4.218 χ^2 /NDF: 12.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -8.402 $\pm$ 3.961 χ^2 /NDF: 22.1/17

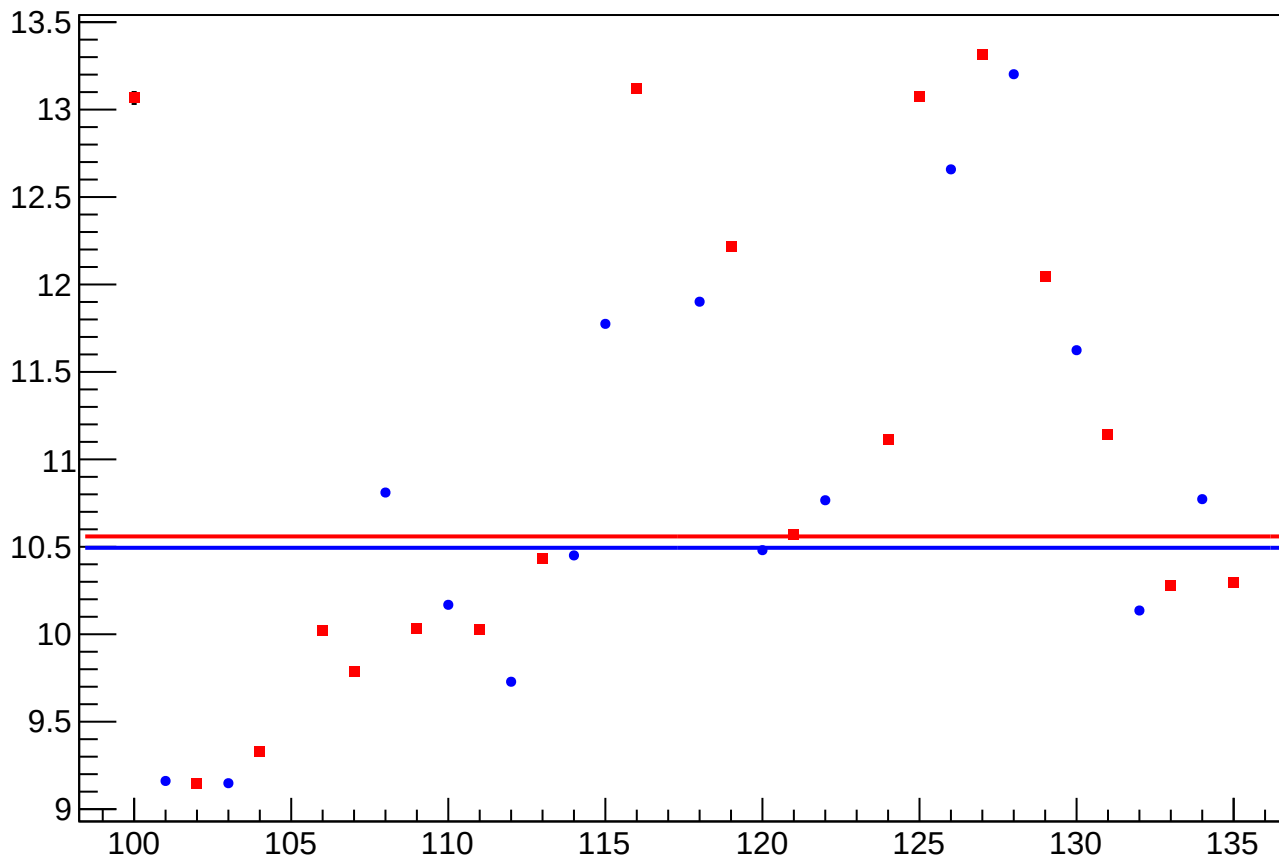
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.779 $\pm$ 2.887 χ^2 /NDF: 35.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_bcm_an_ds3_agg_dd_rms vs Slug



Right In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.559+/-0.003 χ^2/NDF : 185833.0/17

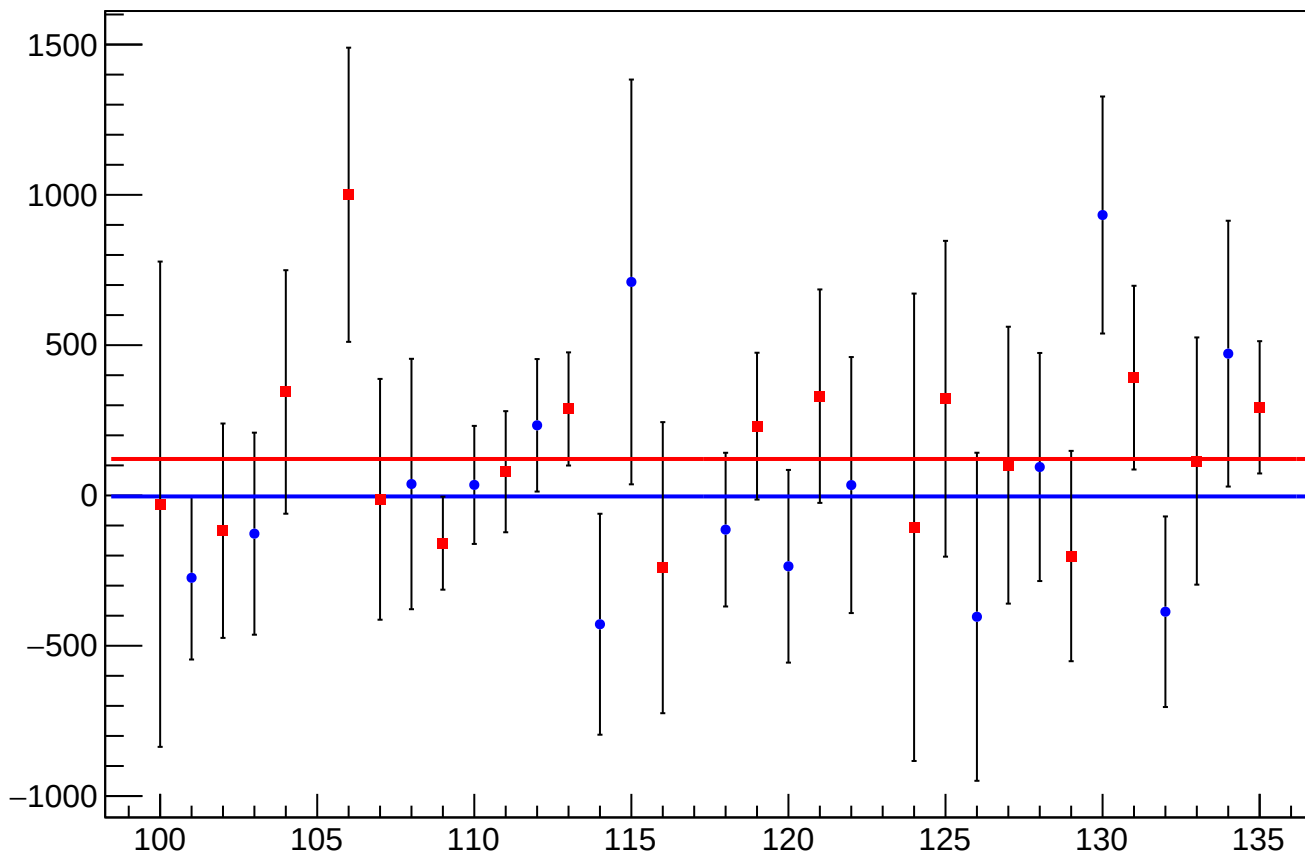
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.529+/-0.002 χ^2/NDF : 342953.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_mean vs Slug



Right In: -3.266+/-82.581 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 121.342+/-69.849 χ^2/NDF : 11.8/17

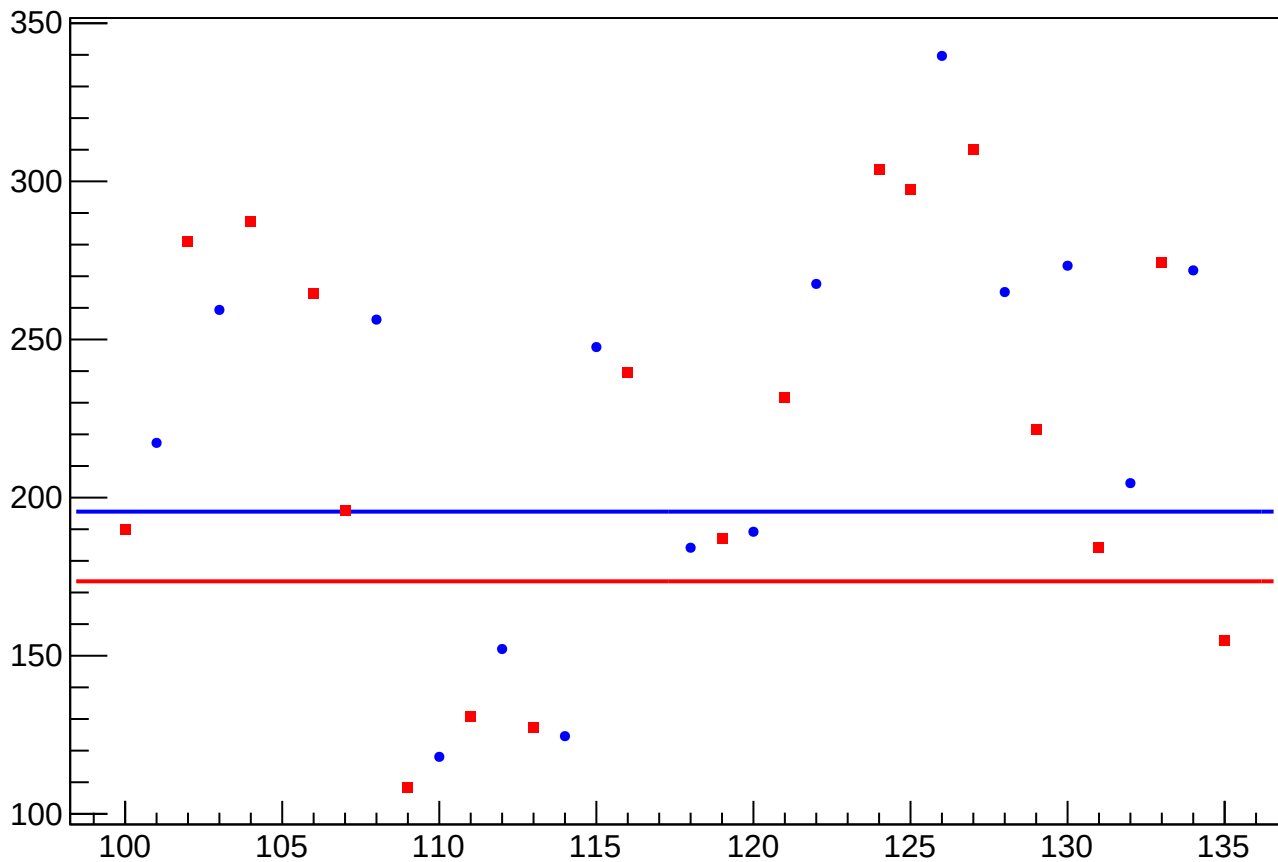
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.374+/-53.330 χ^2/NDF : 27.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_avg_rms vs Slug



Right In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.539+/-0.049 χ^2/NDF : 1597641.1/17

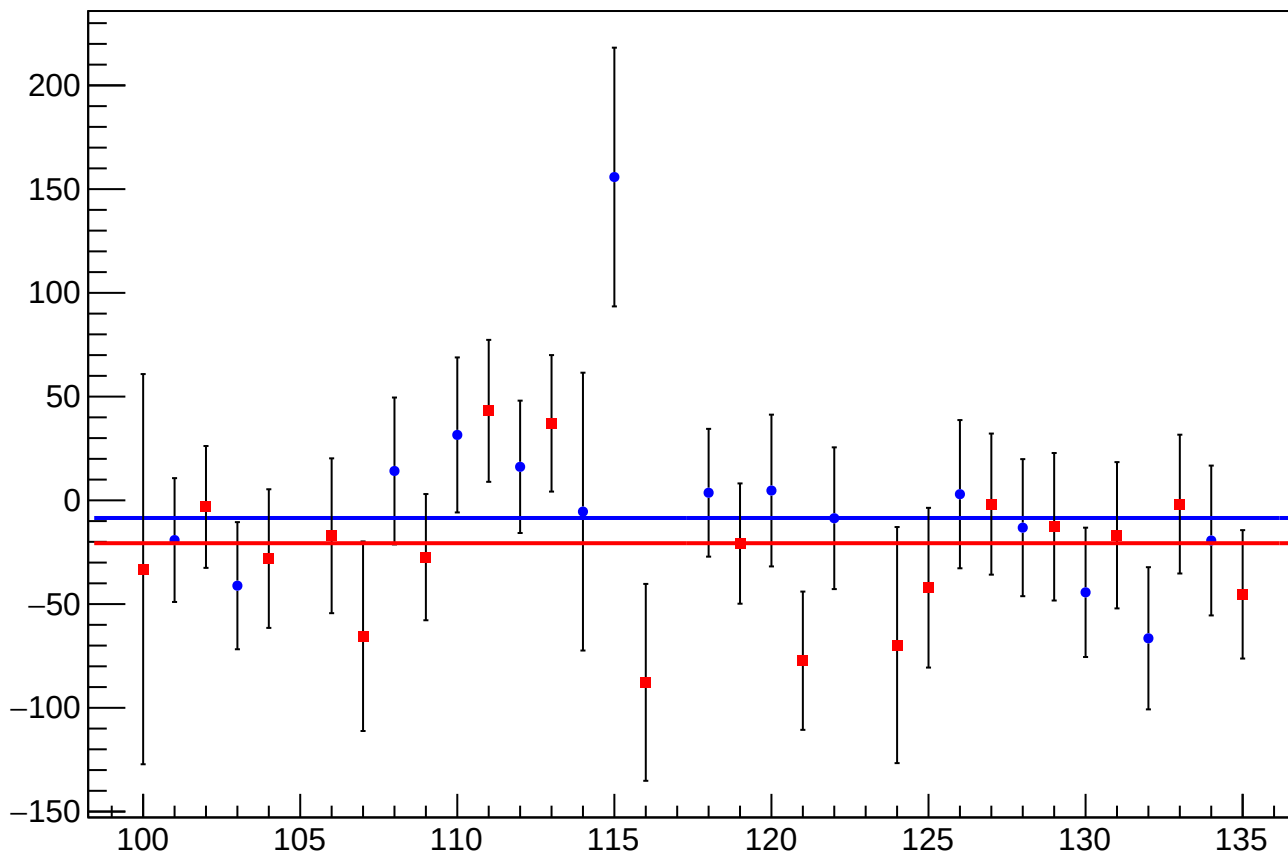
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.727+/-0.038 χ^2/NDF : 2691401.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_mean vs Slug



Right In: -8.504+/-9.064 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.654+/-8.409 χ^2/NDF : 15.3/17

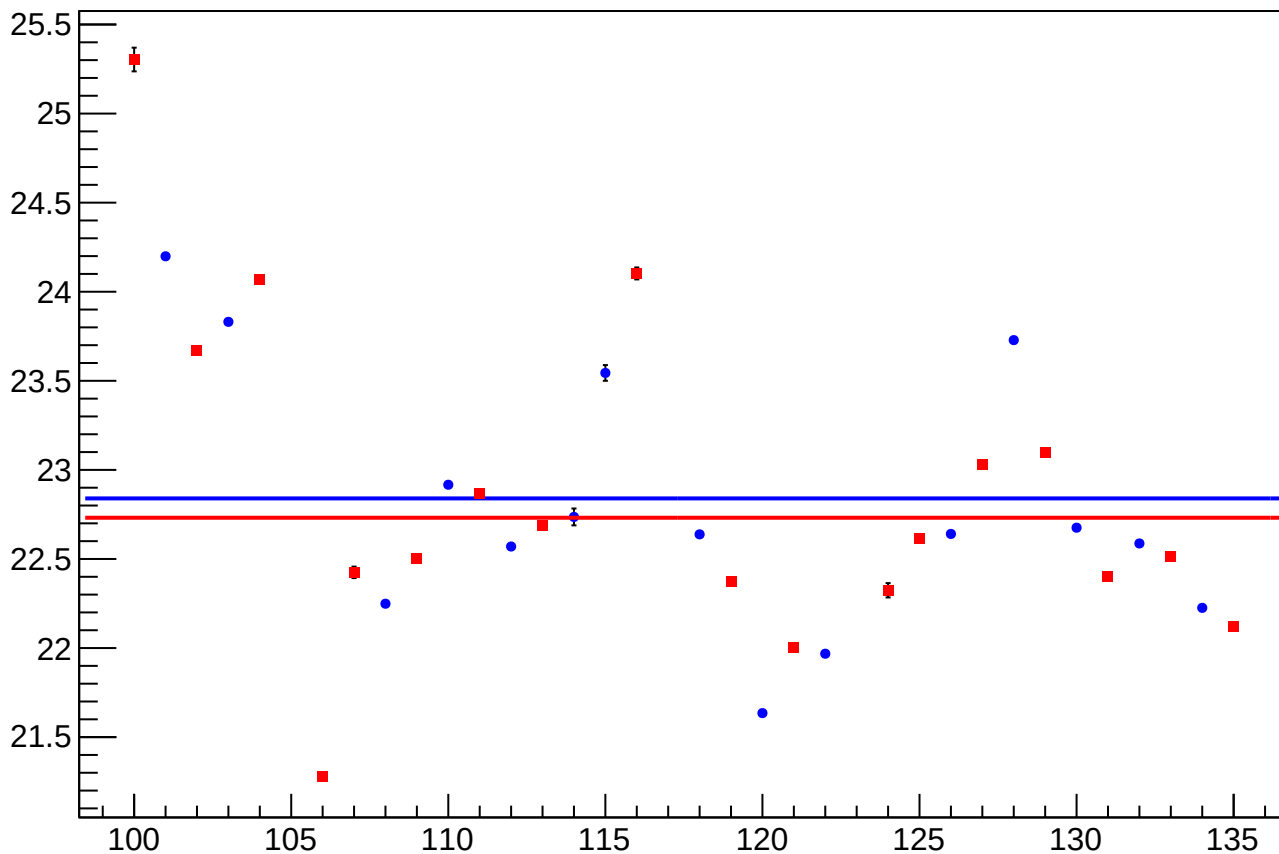
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.034+/-6.164 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_ds_agg_dd_rms vs Slug



Right In: 22.840 $\pm$ 0.006 χ^2 /NDF: 13022.3/14

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

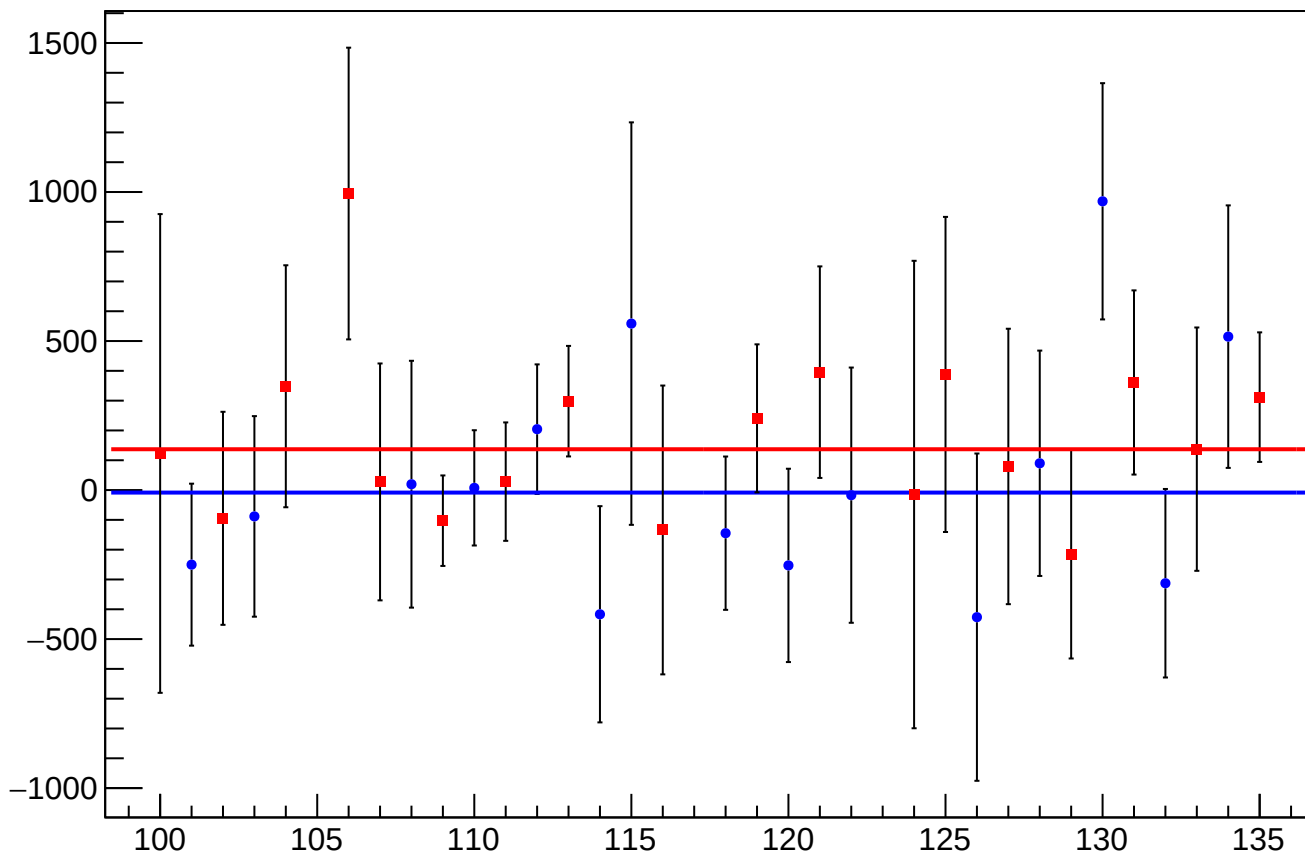
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.782 $\pm$ 0.004 χ^2 /NDF: 27614.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_mean vs Slug



Right In: -8.460 ± 82.250 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 136.959 ± 69.358 χ^2/NDF : 10.9/17

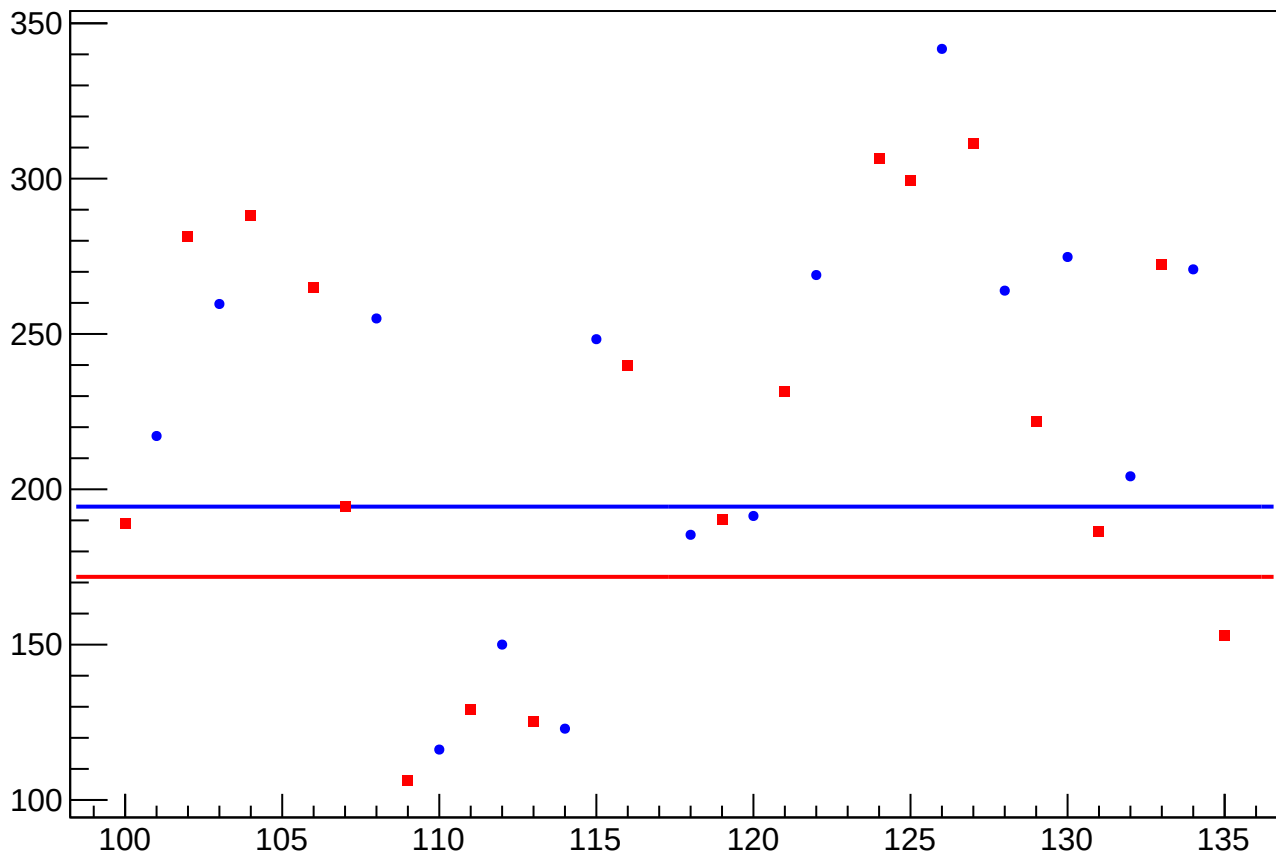
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 76.526 ± 53.023 χ^2/NDF : 26.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_avg_rms vs Slug



Right In: 194.424+/-0.058 χ^2/NDF : 1052110.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.821+/-0.049 χ^2/NDF : 1669058.9/17

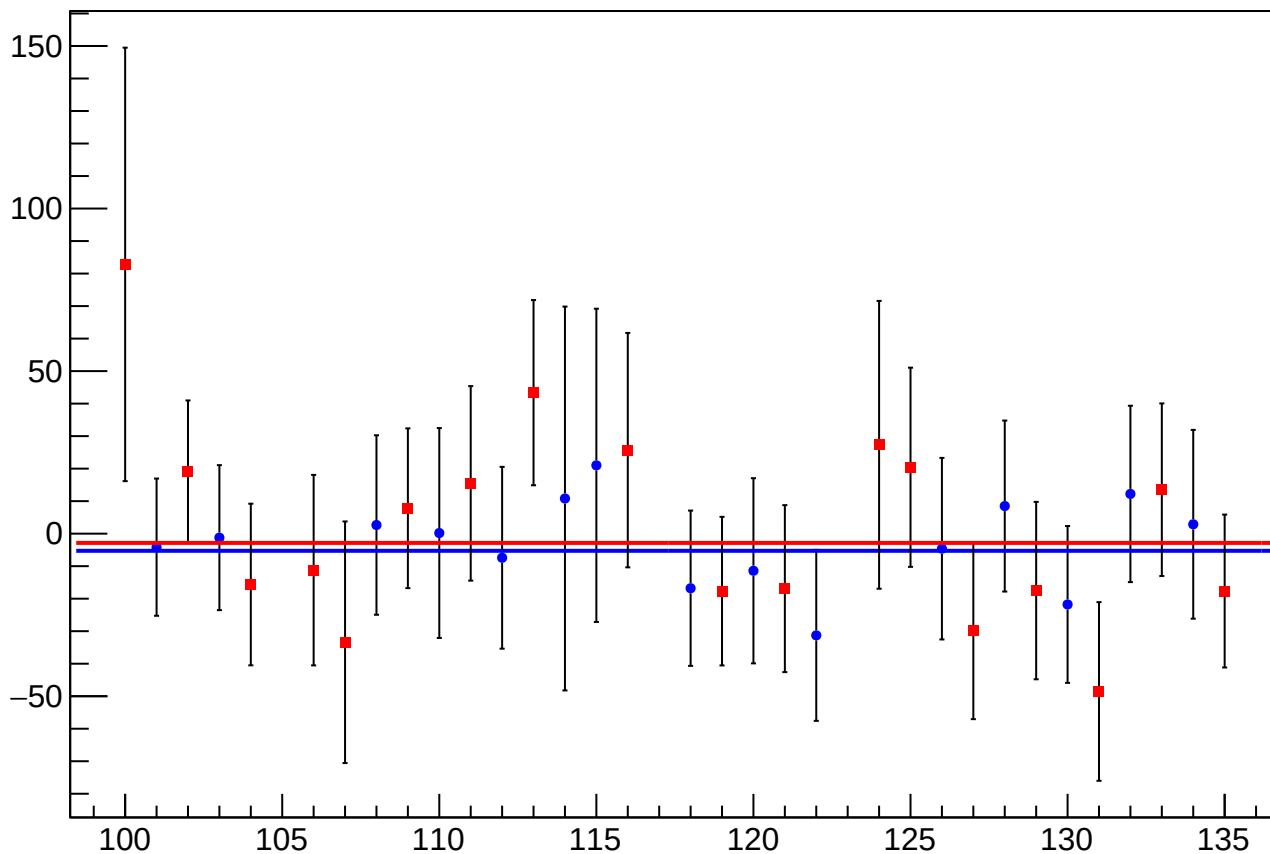
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.215+/-0.037 χ^2/NDF : 2809436.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_mean vs Slug



Right In: -5.274 $\pm$ 7.080 χ^2 /NDF: 3.0/14

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

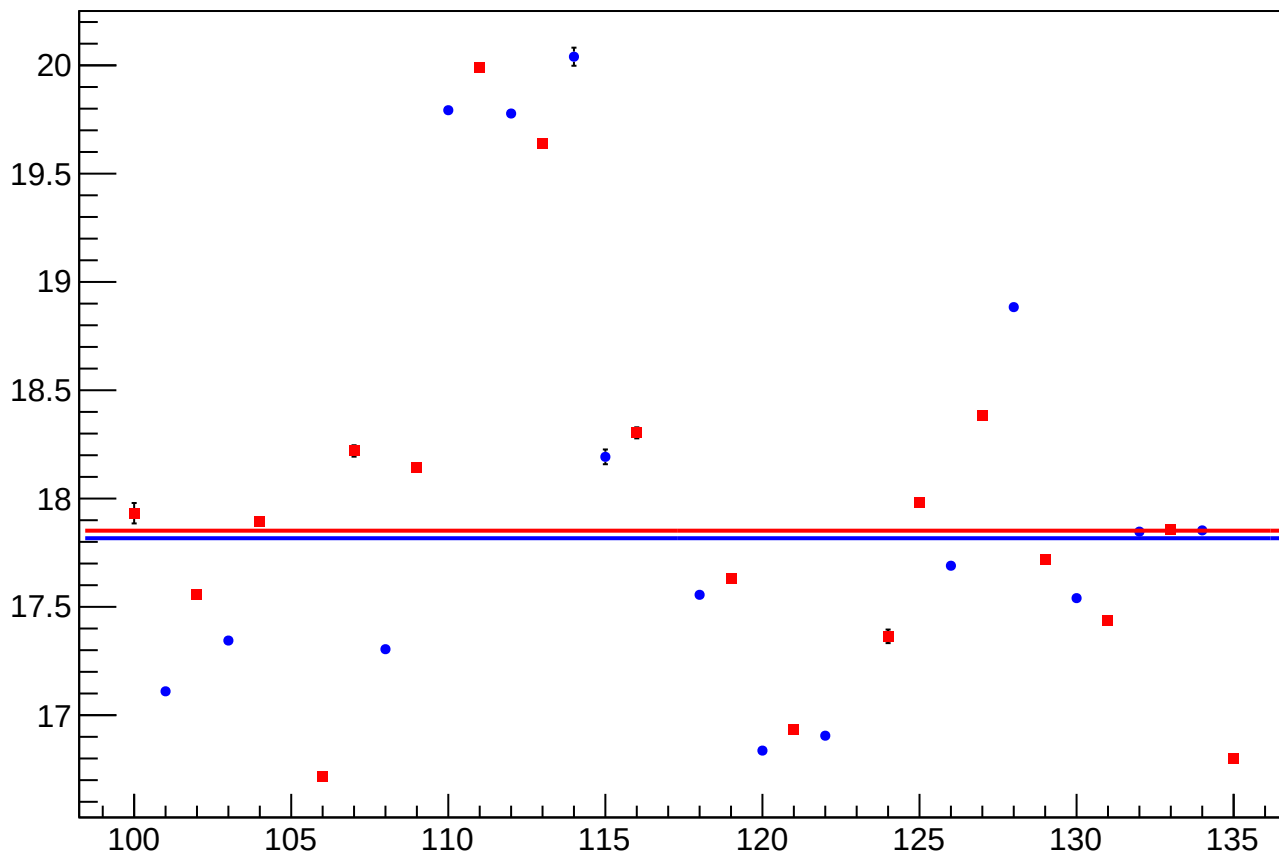
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.975 $\pm$ 4.833 χ^2 /NDF: 17.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_ds_agg_dd_rms vs Slug



Right In: 17.817+/-0.005 χ^2/NDF : 32728.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.852+/-0.005 χ^2/NDF : 30537.7/17

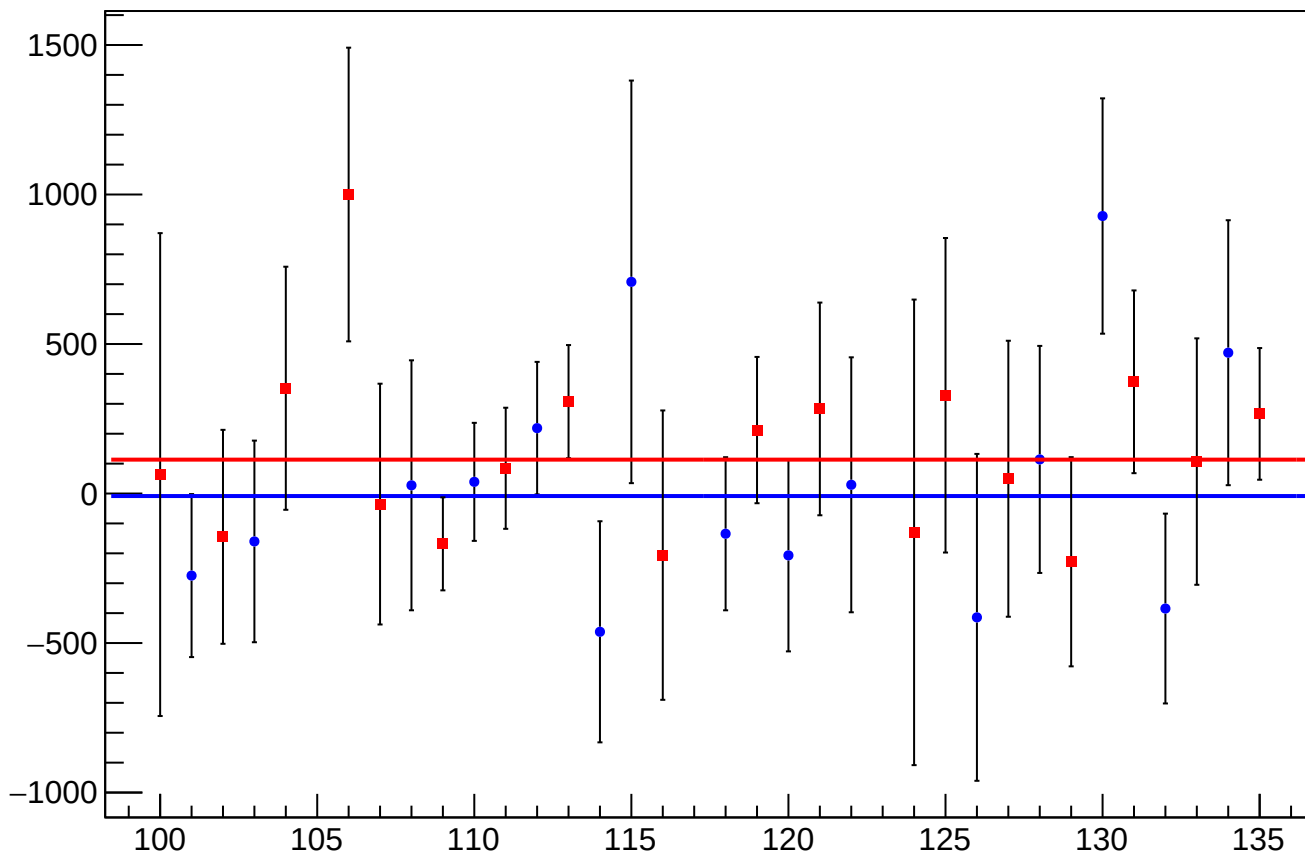
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.835+/-0.003 χ^2/NDF : 63292.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_mean vs Slug



Right In: -8.420+/-82.826 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 113.337+/-70.076 χ^2/NDF : 11.9/17

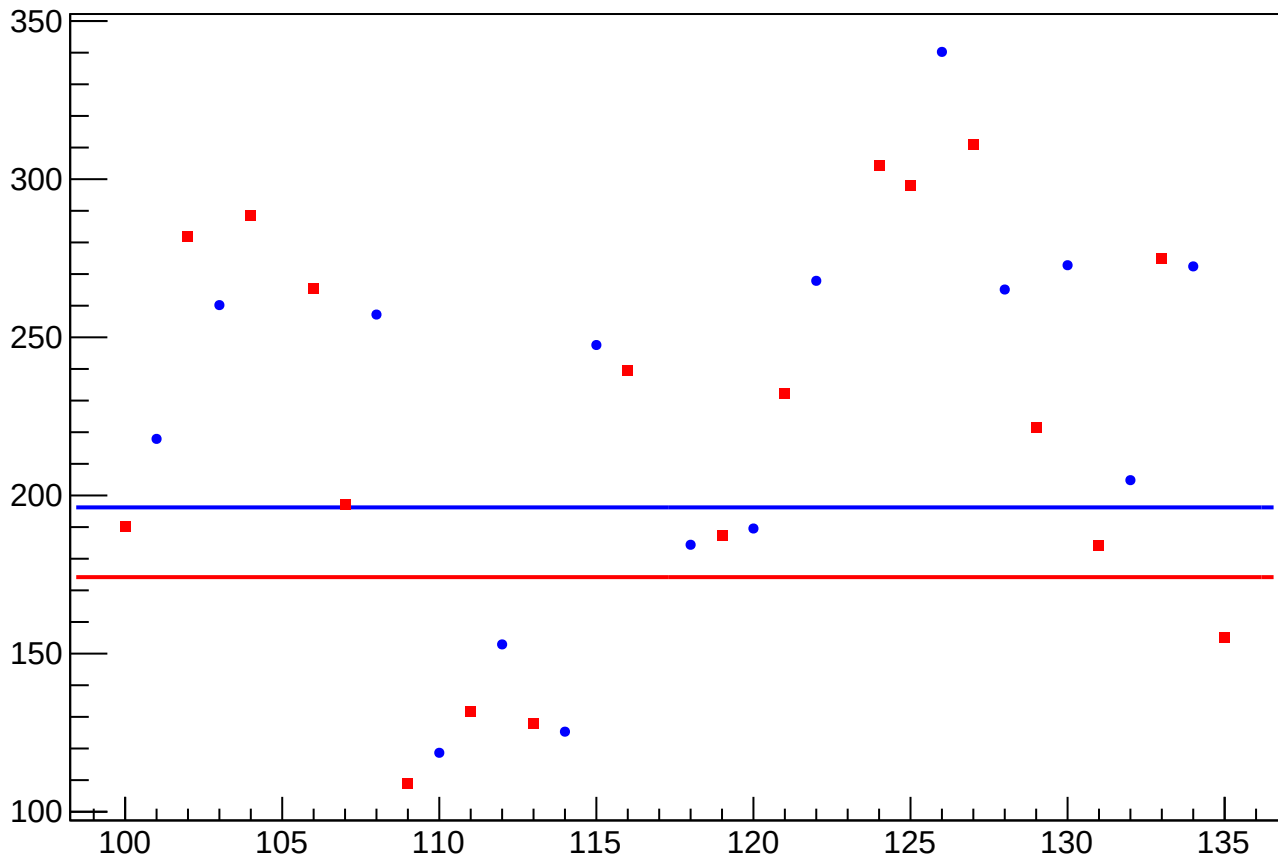
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.541+/-53.497 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_avg_rms vs Slug



Right In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.180+/-0.050 χ^2/NDF : 1586802.4/17

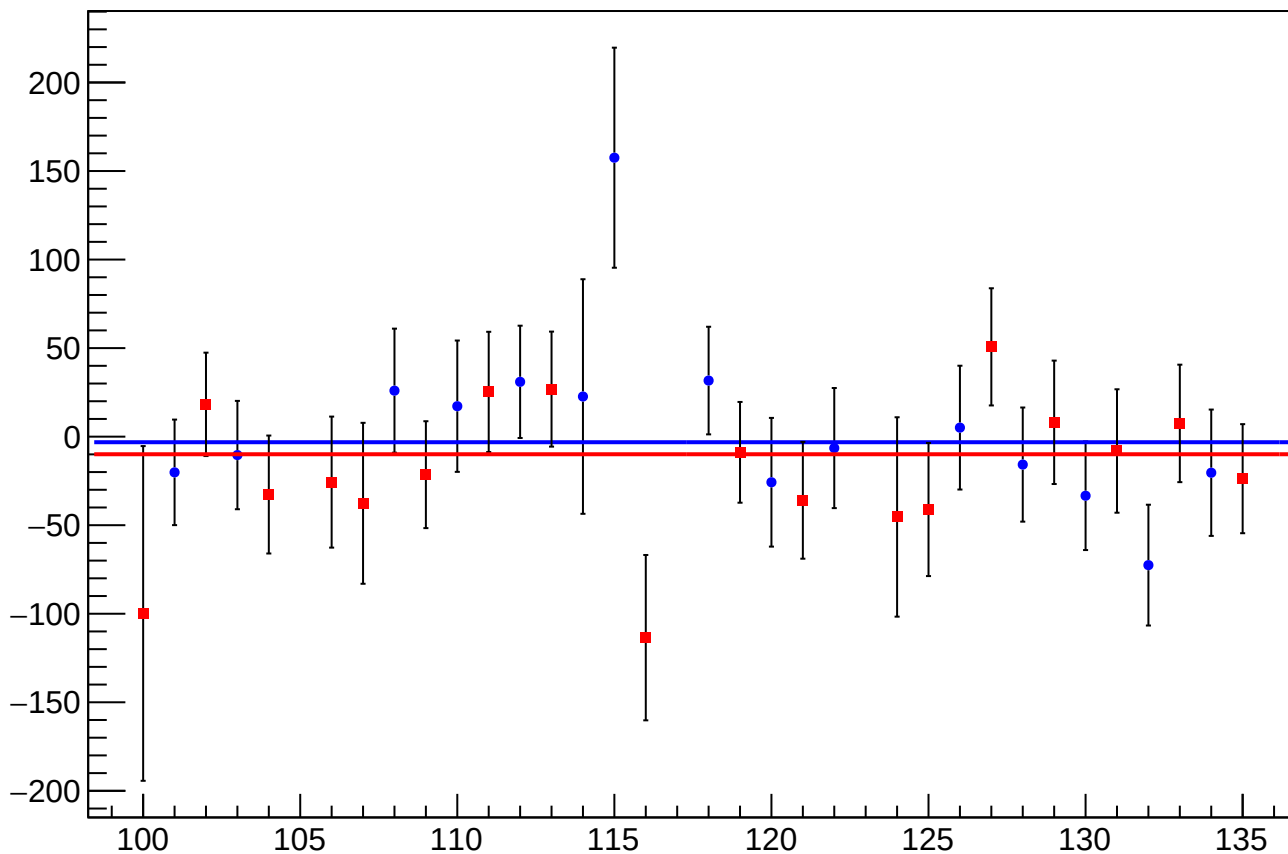
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 183.380+/-0.038 χ^2/NDF : 2669997.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_mean vs Slug



Right In: -3.145+/-8.973 χ^2 /NDF: 16.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -9.936+/-8.311 χ^2 /NDF: 16.1/17

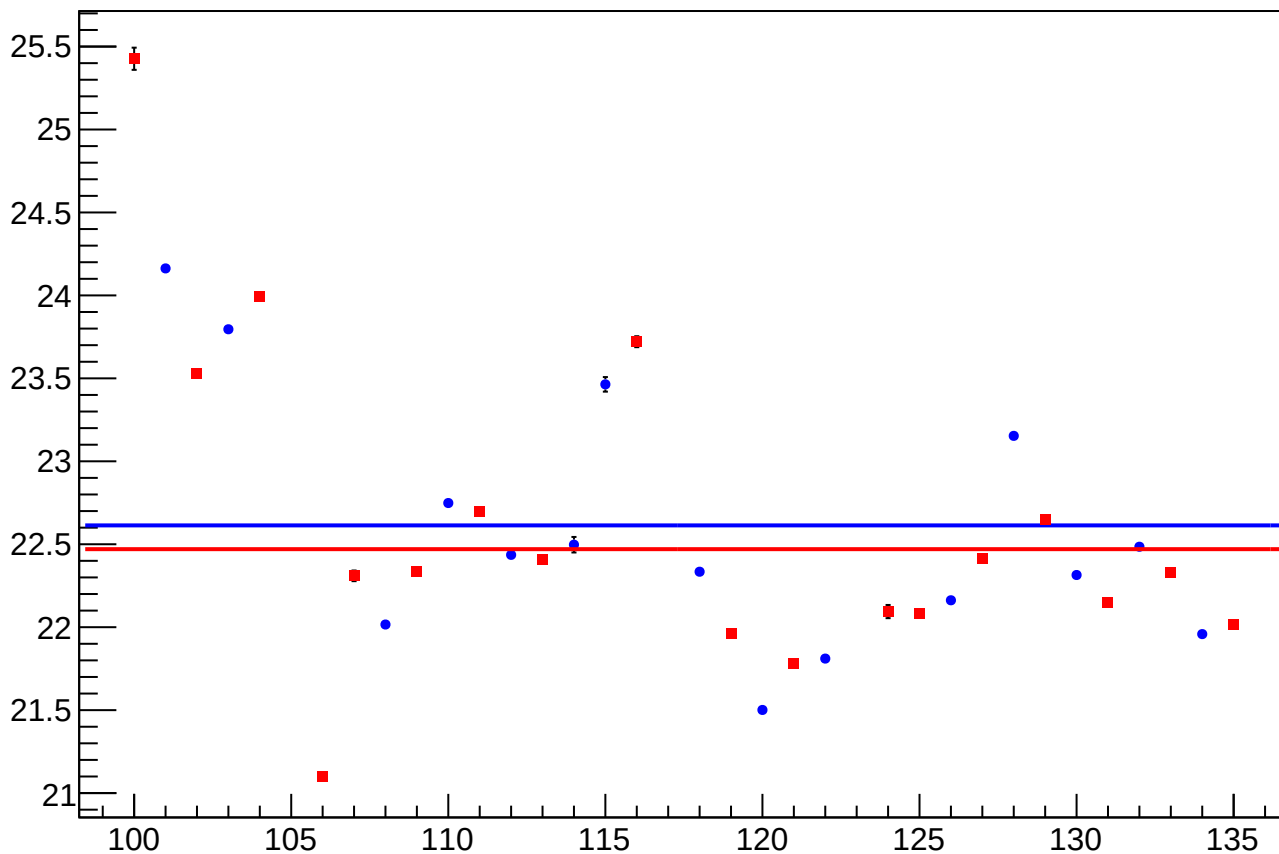
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.800+/-6.098 χ^2 /NDF: 33.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_an_us_agg_dd_rms vs Slug



Right In: 22.614 $\pm$ 0.006 χ^2 /NDF: 14396.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.470 $\pm$ 0.006 χ^2 /NDF: 15618.1/17

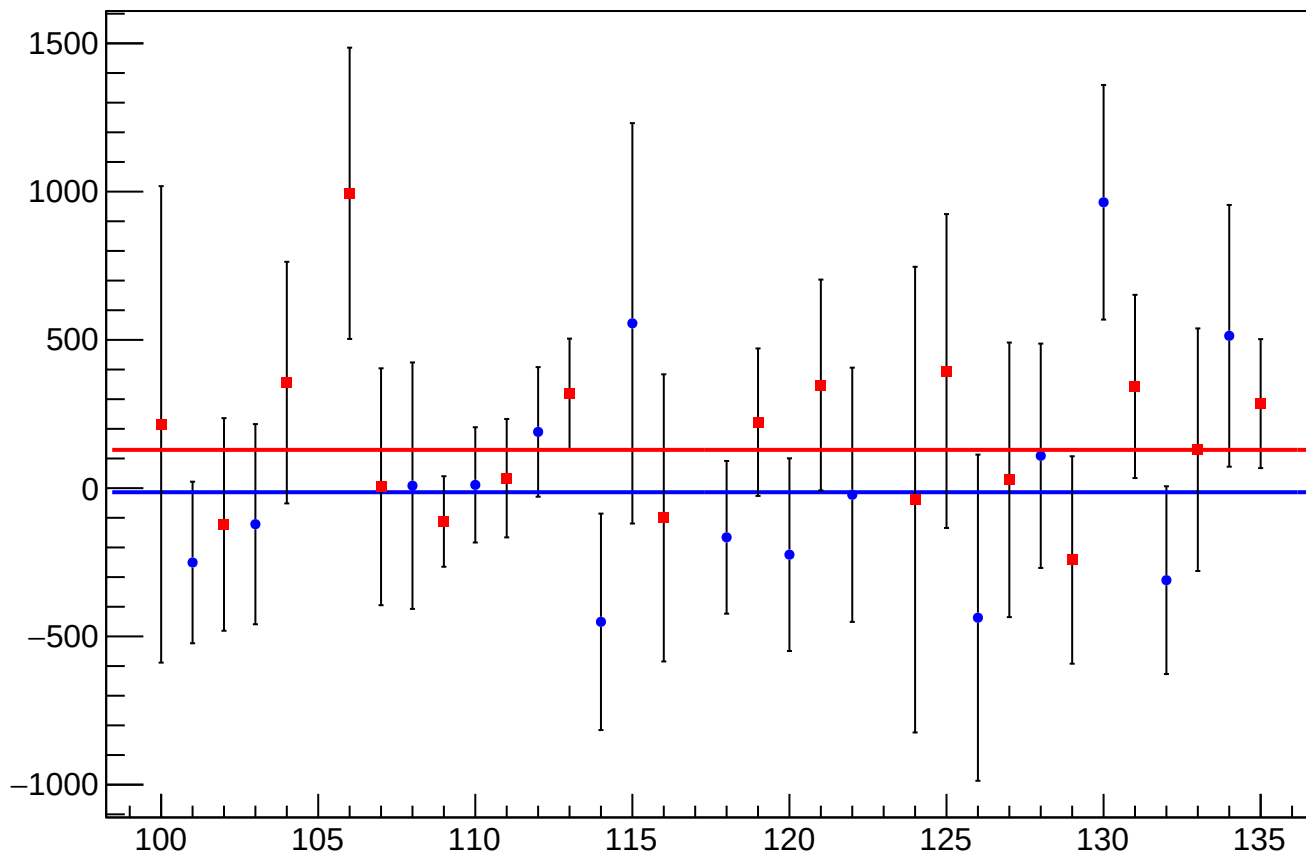
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.537 $\pm$ 0.004 χ^2 /NDF: 30288.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_mean vs Slug



Right In: -13.743+/-82.498 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 129.084+/-69.589 χ^2/NDF : 11.0/17

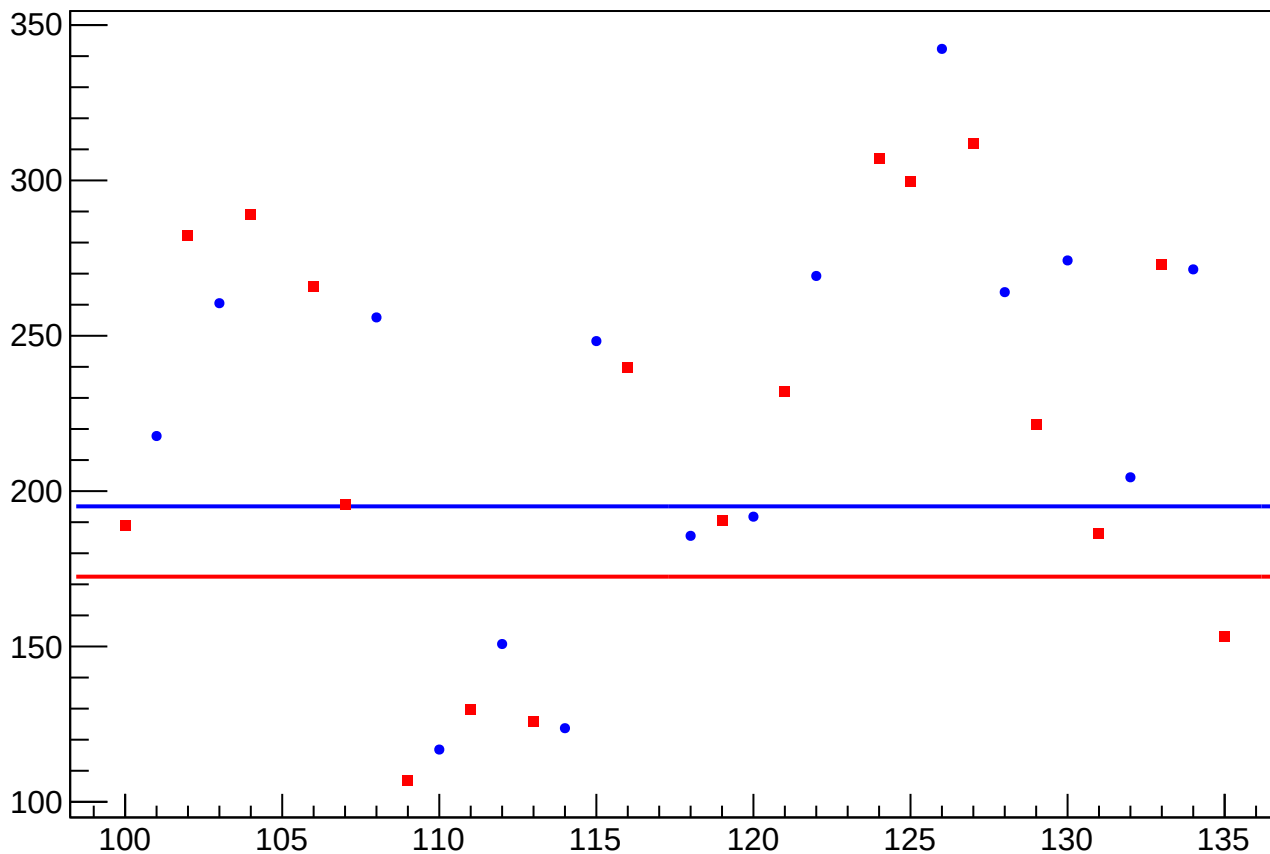
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.706+/-53.192 χ^2/NDF : 26.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_avg_rms vs Slug



Right In: 195.098+/-0.058 χ^2/NDF : 1041279.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.475+/-0.049 χ^2/NDF : 1657468.5/17

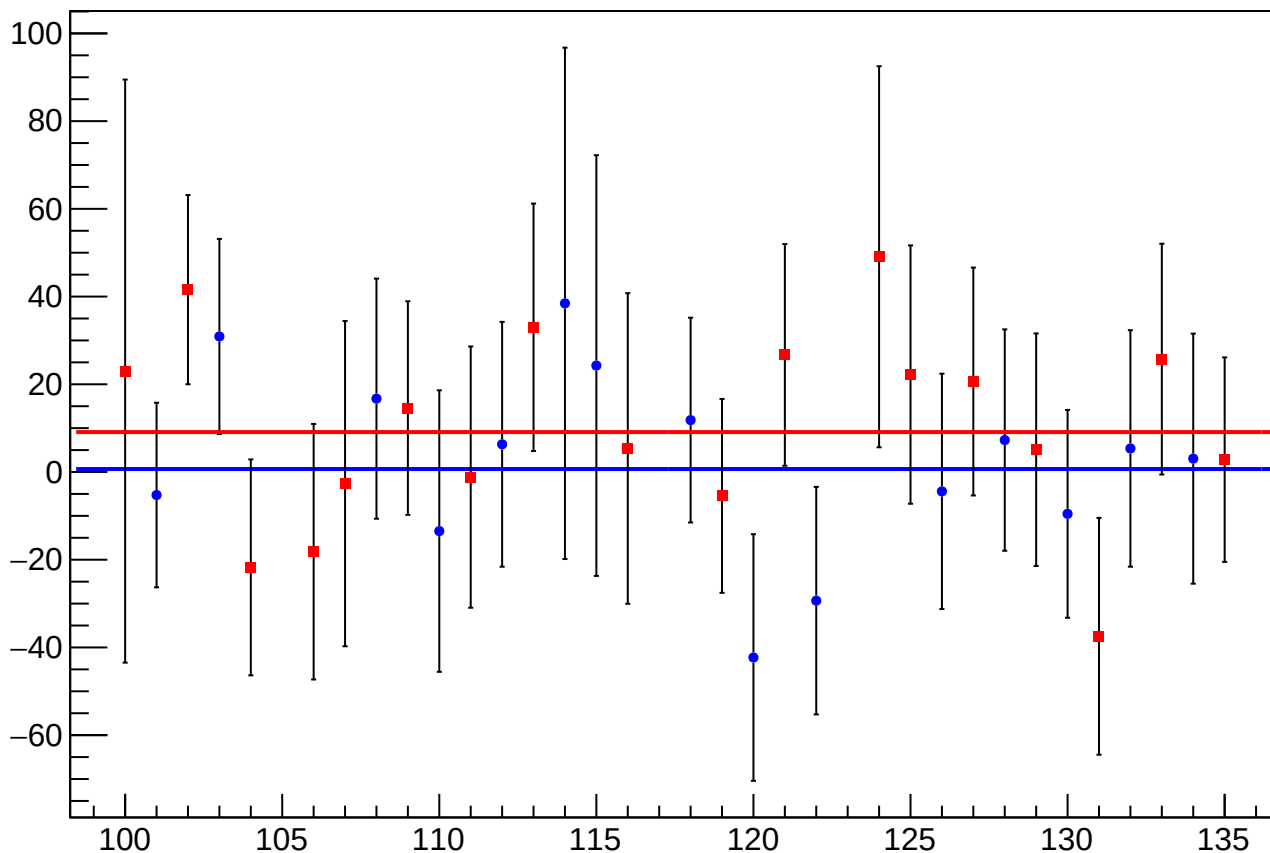
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.880+/-0.038 χ^2/NDF : 2786619.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_mean vs Slug



Right In: 0.676 $\pm$ 6.979 χ^2 /NDF: 7.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.105 $\pm$ 6.502 χ^2 /NDF: 11.4/17

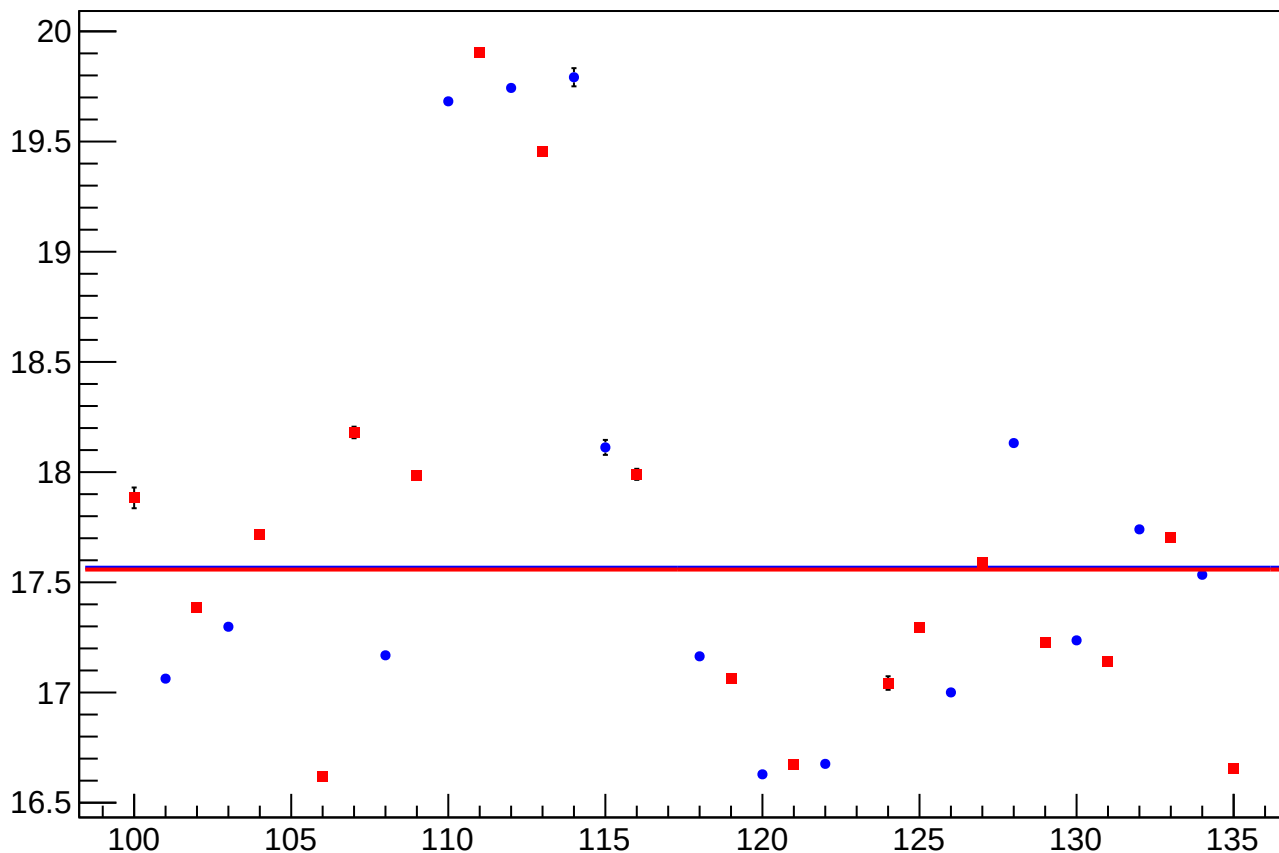
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.188 $\pm$ 4.757 χ^2 /NDF: 19.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_bcm_an_us_agg_dd_rms vs Slug



Right In: 17.566 $\pm$ 0.005 χ^2 /NDF: 33430.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.558 $\pm$ 0.005 χ^2 /NDF: 32983.9/17

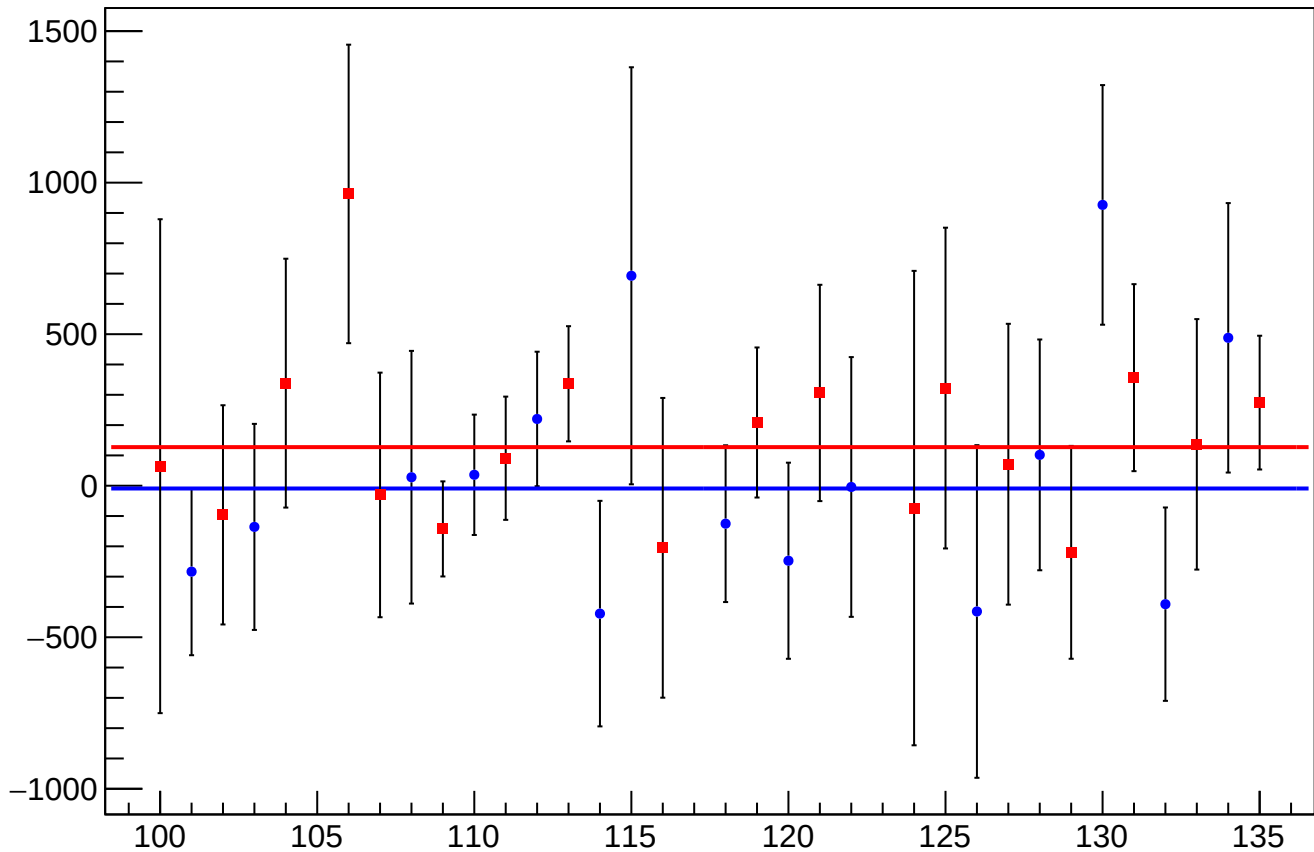
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.562 $\pm$ 0.003 χ^2 /NDF: 66415.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_avg_mean vs Slug



Right In: -9.171 ± 83.330 $\chi^2/\text{NDF}: 14.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 127.330 ± 70.537 $\chi^2/\text{NDF}: 10.9/17$

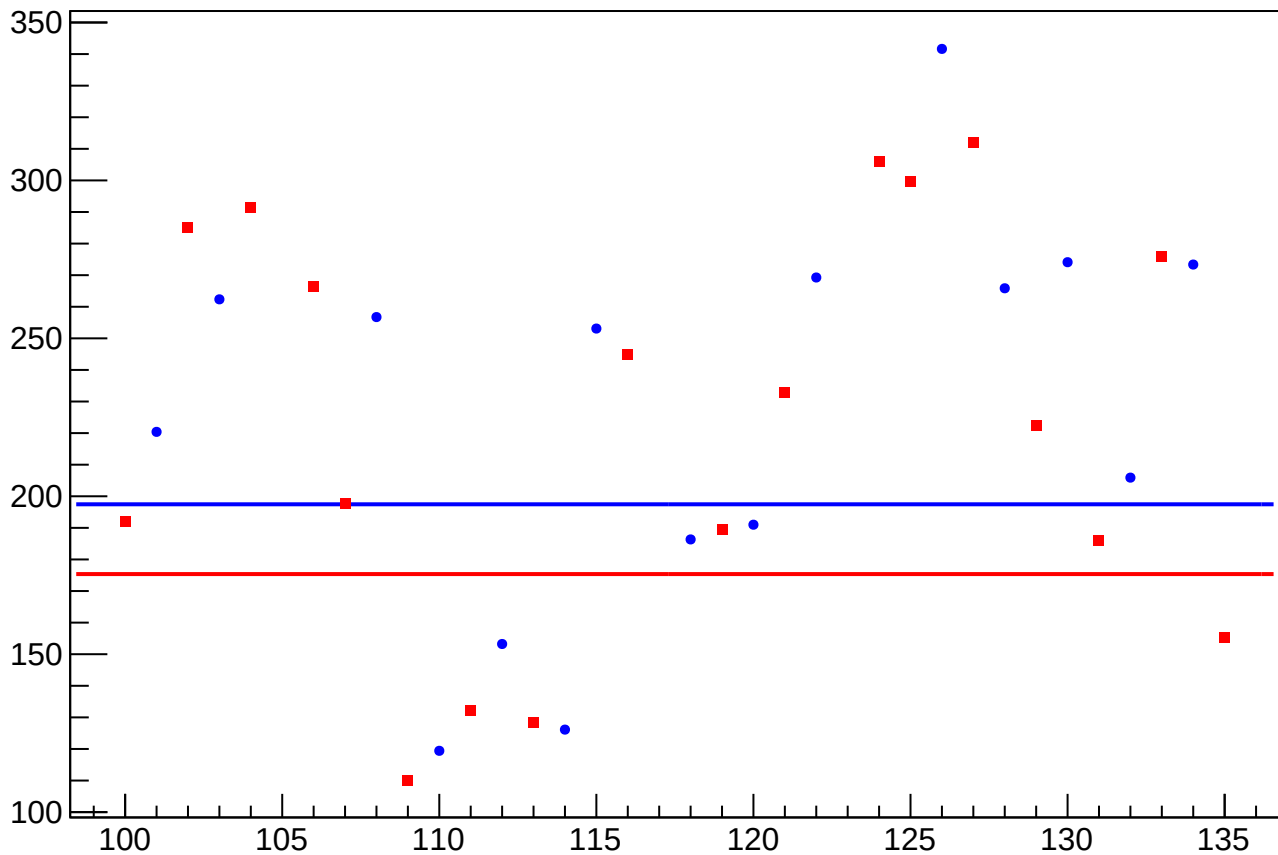
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 70.350 ± 53.838 $\chi^2/\text{NDF}: 26.6/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_us_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 197.462 $\pm$ 0.059 χ^2 /NDF: 1000194.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 175.370 $\pm$ 0.050 χ^2 /NDF: 1588824.8/17

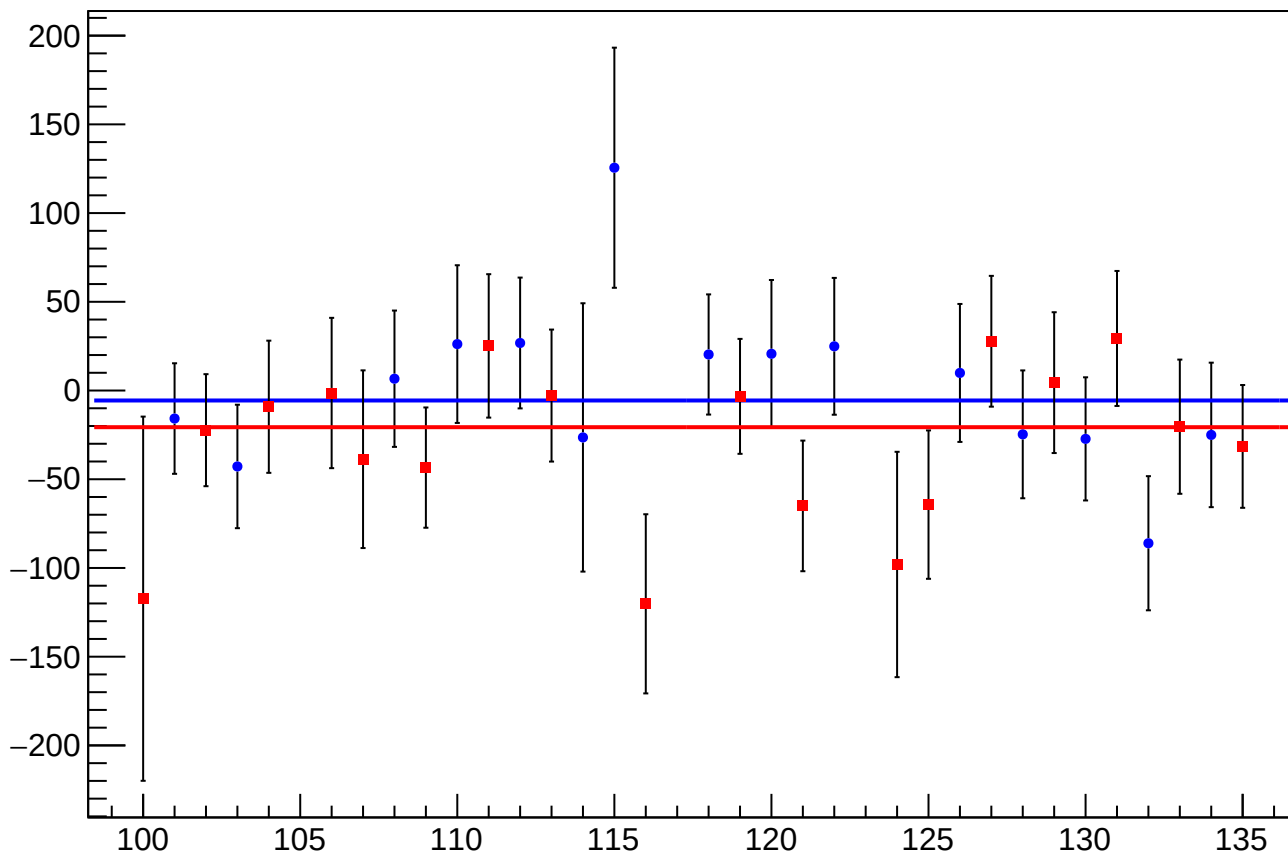
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.592 $\pm$ 0.038 χ^2 /NDF: 2670906.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_mean vs Slug



Right In: -5.614 ± 10.071 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.664 ± 9.332 χ^2/NDF : 15.4/17

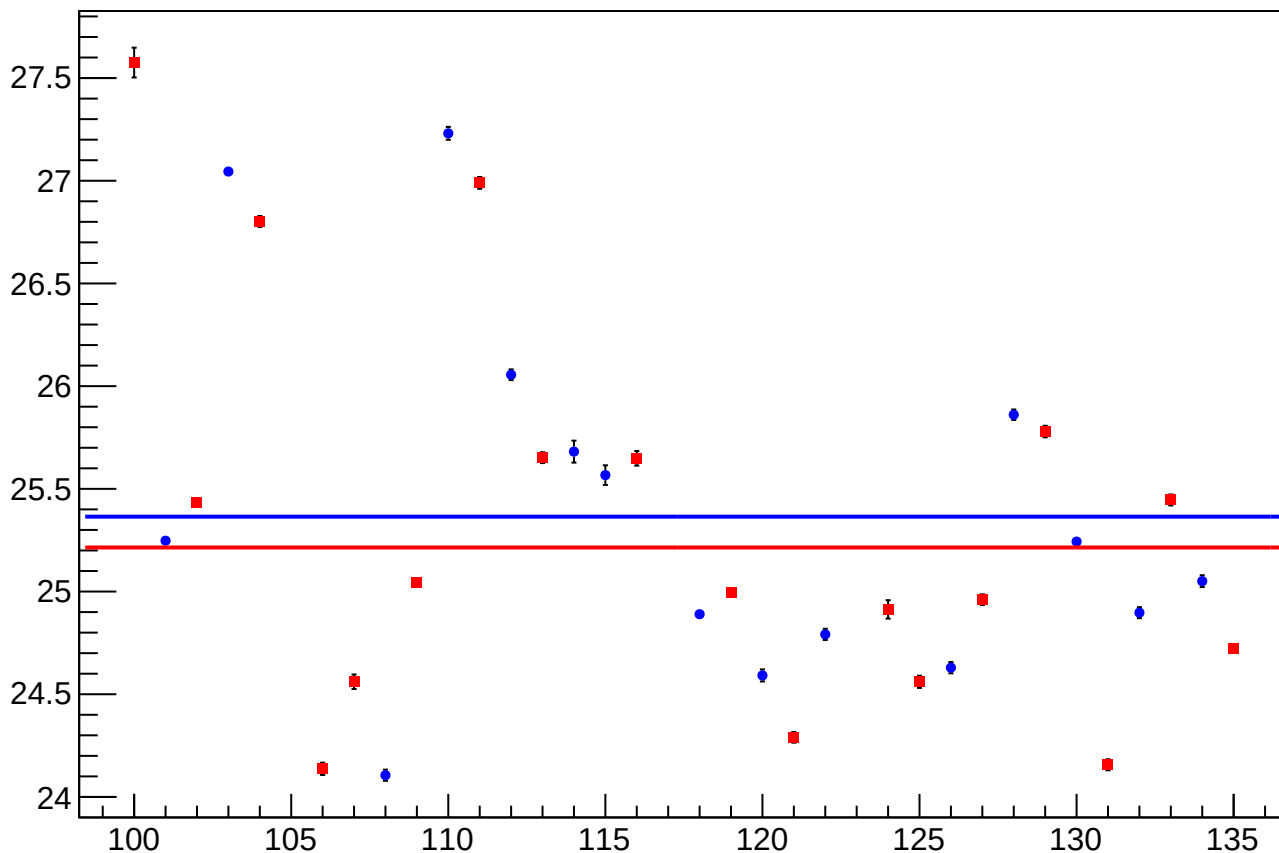
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.712 ± 6.845 χ^2/NDF : 30.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 25.365 $\pm$ 0.007 χ^2 /NDF: 14194.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.214 $\pm$ 0.007 χ^2 /NDF: 15173.5/17

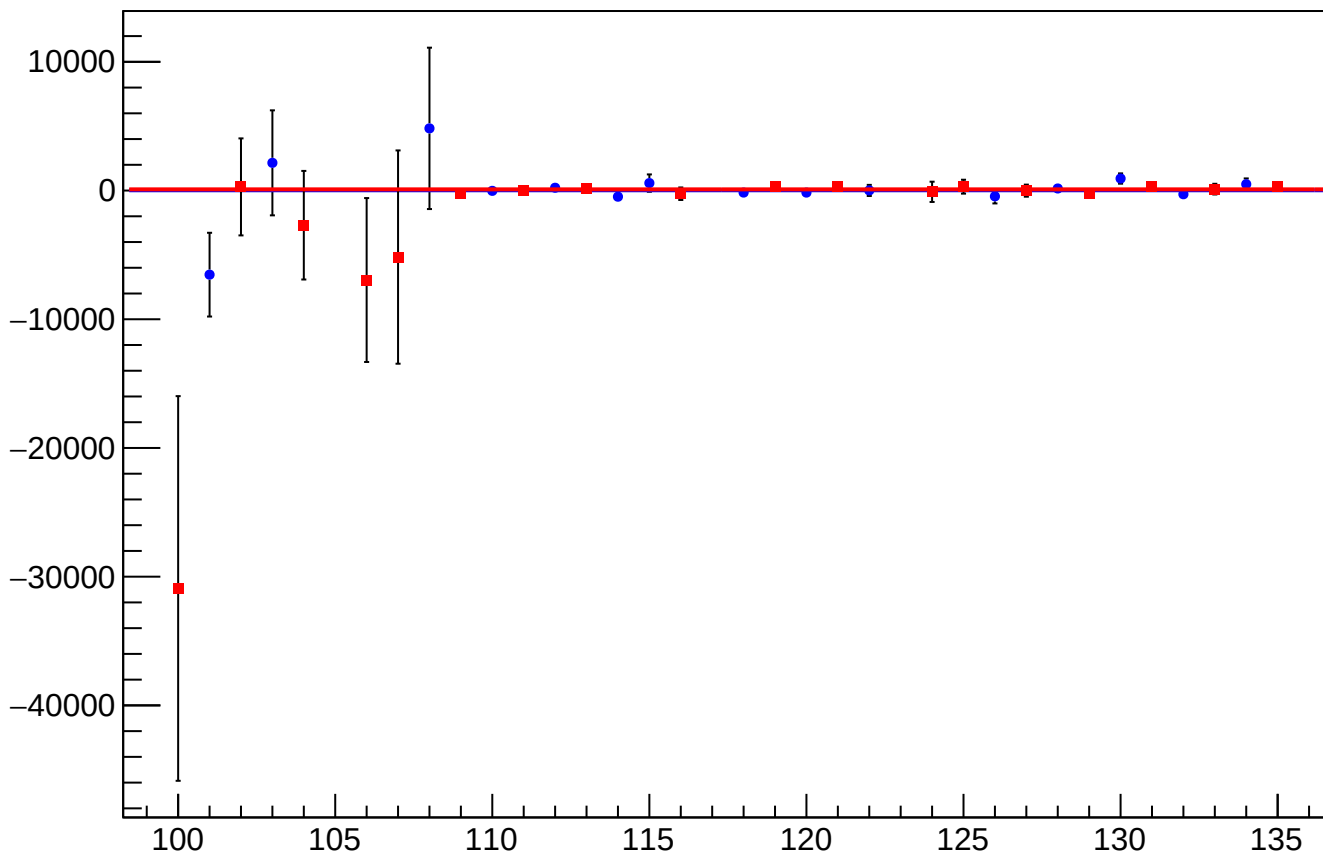
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.284 $\pm$ 0.005 χ^2 /NDF: 29607.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_mean vs Slug



Right In: 22.203 $\pm$ 92.252 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.924 $\pm$ 79.468 χ^2 /NDF: 12.7/17

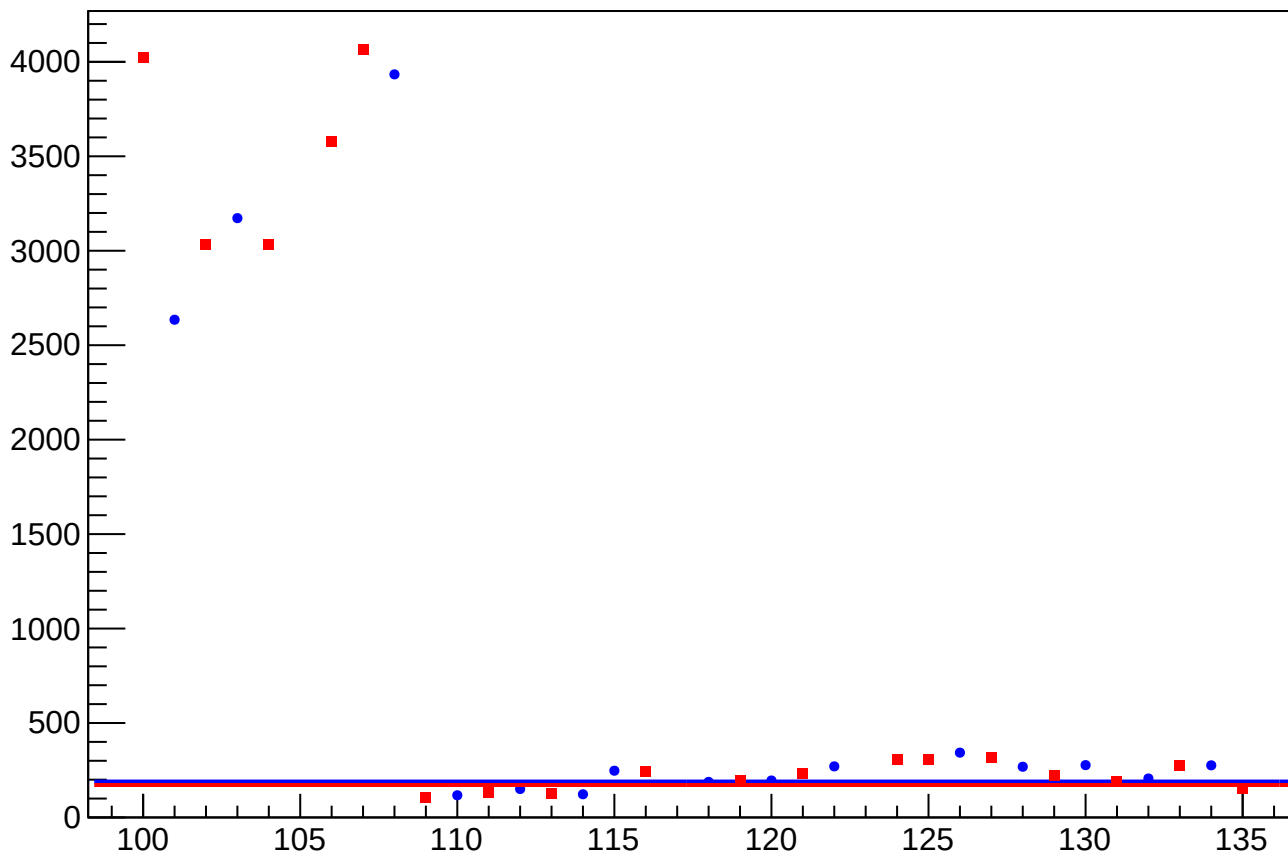
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.225 $\pm$ 60.209 χ^2 /NDF: 30.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_avg_rms vs Slug



Right In: 190.152+/-0.065 χ^2/NDF : 3818049.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.860+/-0.056 χ^2/NDF : 4299764.0/17

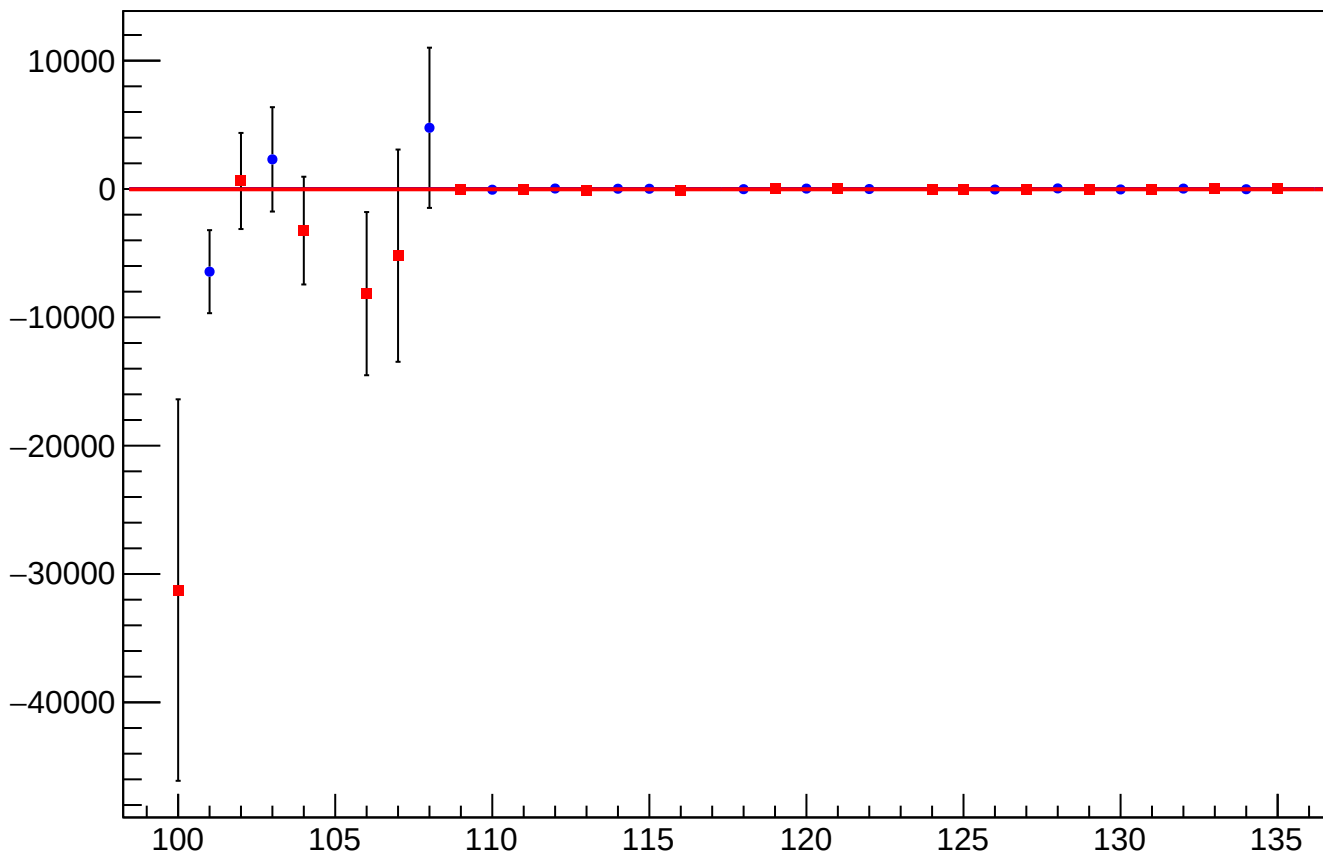
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.652+/-0.043 χ^2/NDF : 8162951.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_mean vs Slug



Right In: -0.998 ± 12.752 χ^2/NDF : 11.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.098 ± 12.040 χ^2/NDF : 21.9/17

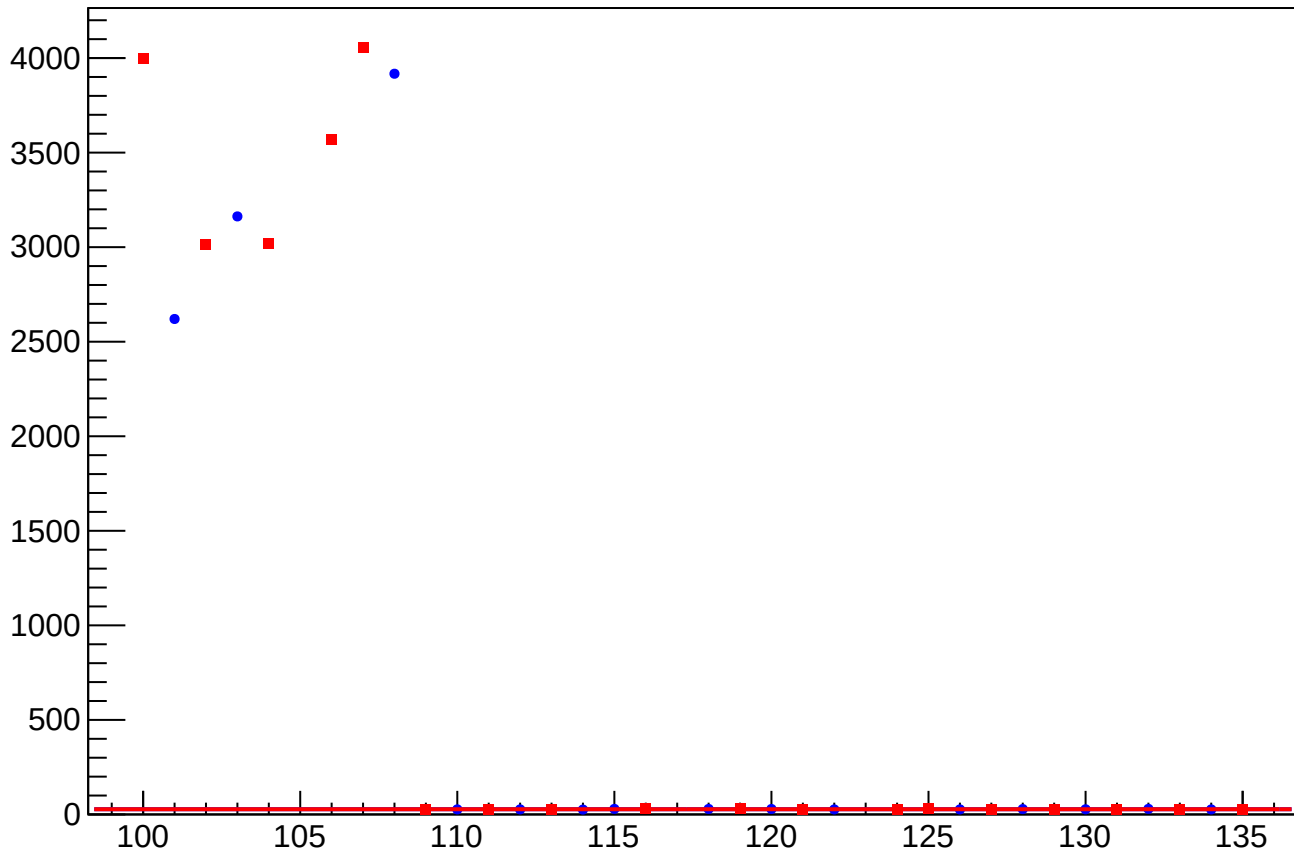
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.153 ± 8.754 χ^2/NDF : 35.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_us_agg_dd_rms vs Slug



Right In: 27.670 $\pm$ 0.009 χ^2 /NDF: 3265437.6/14

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

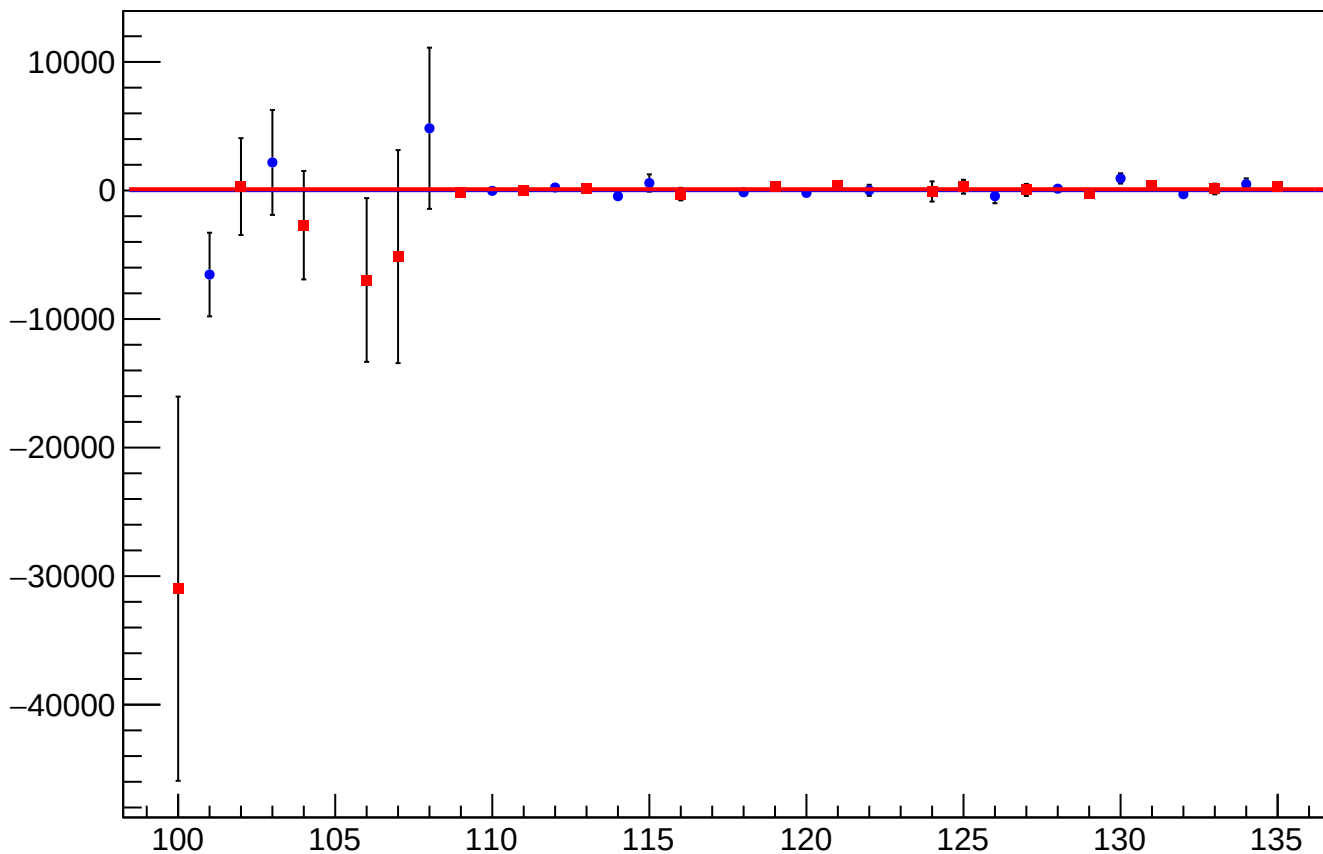
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.610 $\pm$ 0.006 χ^2 /NDF: 6820569.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_mean vs Slug



Right In: 25.777 $\pm$ 91.977 χ^2 /NDF: 17.2/14

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

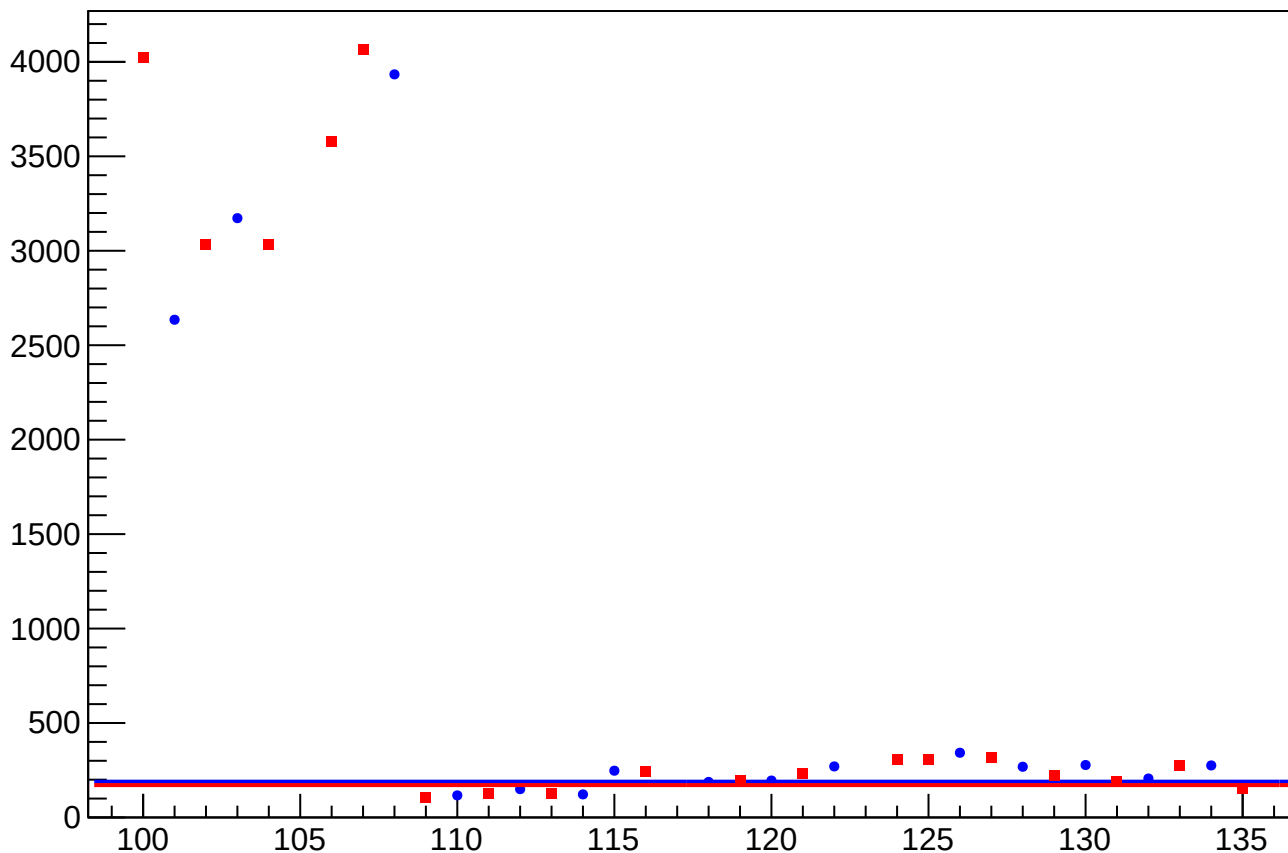
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.717 $\pm$ 60.028 χ^2 /NDF: 30.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_avg_rms vs Slug



Right In: 189.458+/-0.065 χ^2/NDF : 3830038.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.229+/-0.056 χ^2/NDF : 4311298.8/17

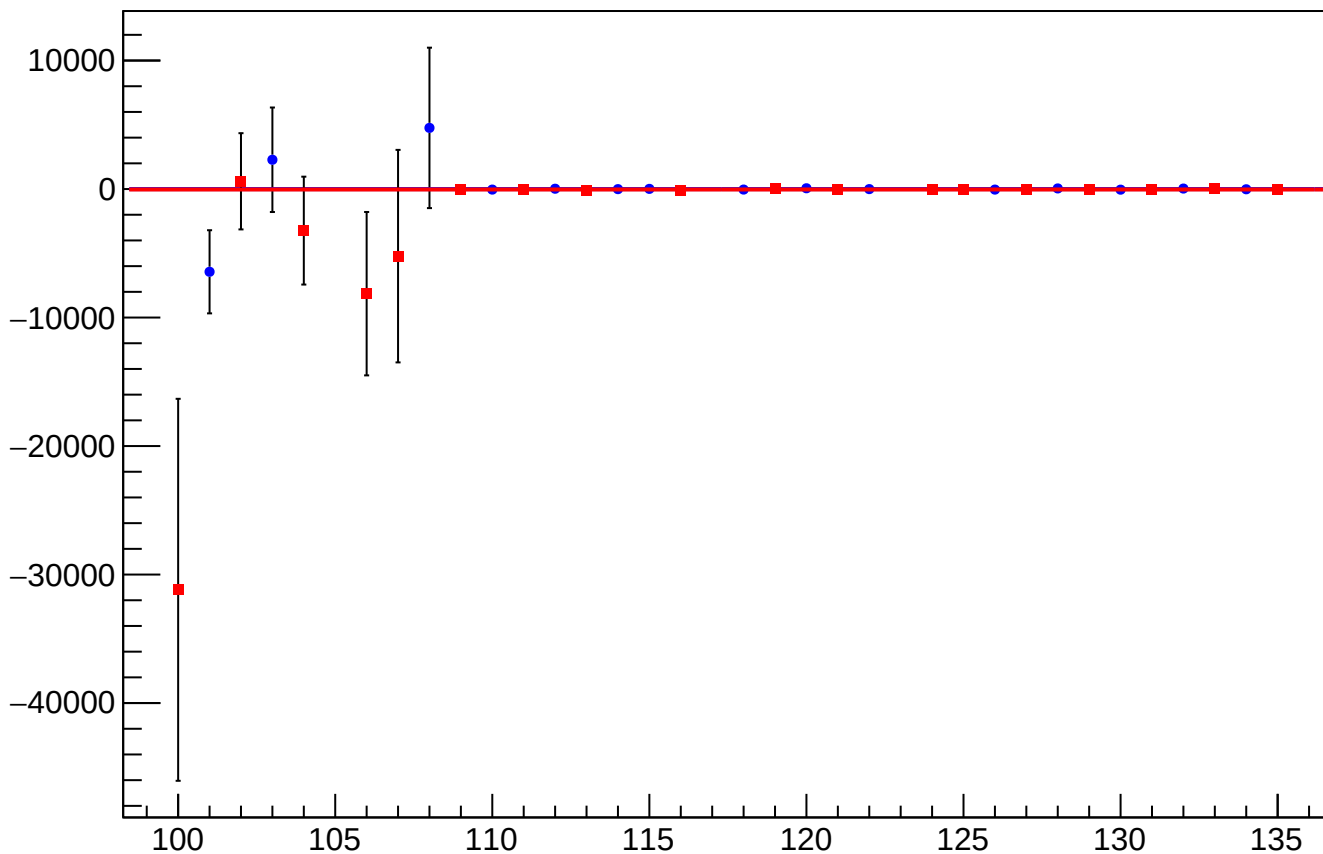
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.994+/-0.042 χ^2/NDF : 8186435.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_mean vs Slug



Right In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.266+/-12.140 χ^2/NDF : 18.0/17

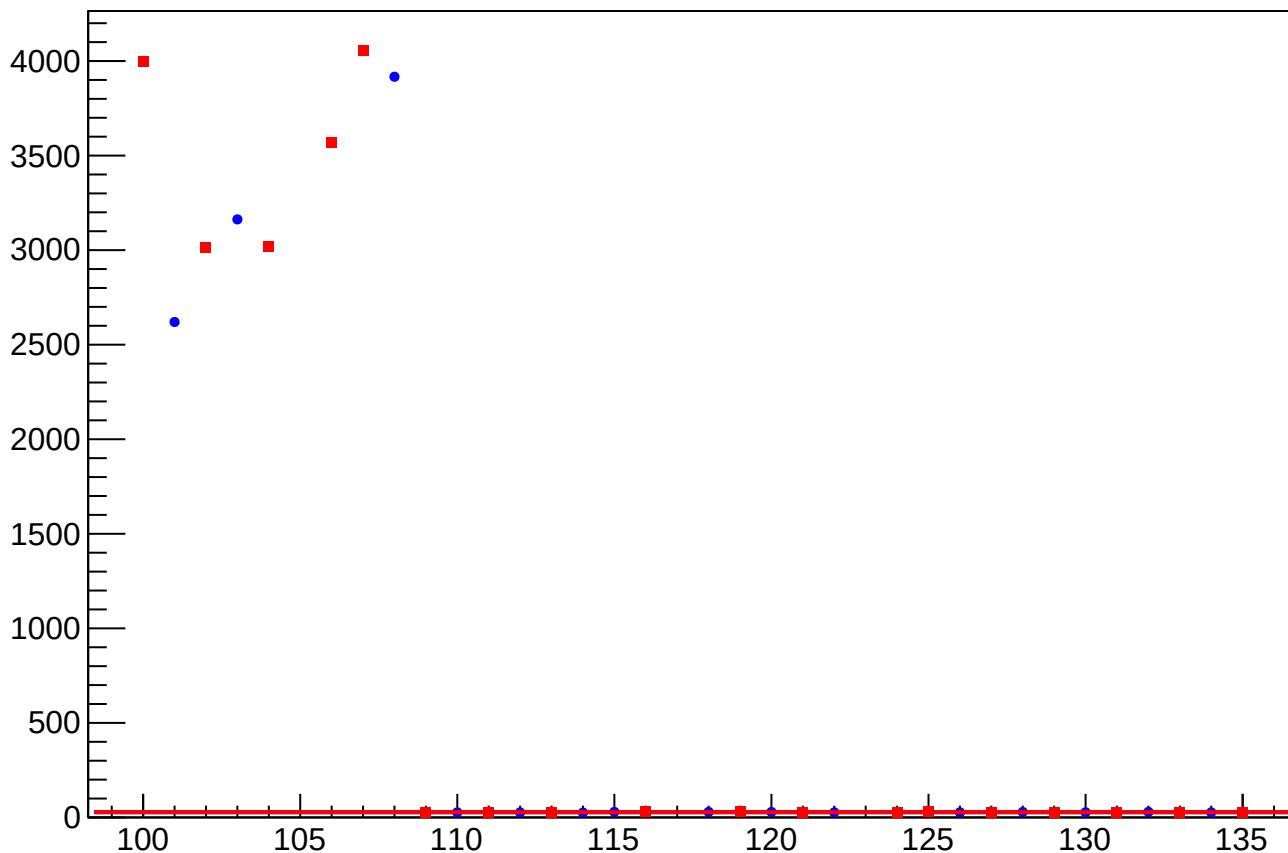
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.302+/-8.821 χ^2/NDF : 34.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_an_ds_agg_dd_rms vs Slug



Right In: 27.854 $\pm$ 0.009 χ^2 /NDF: 3265832.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.779 $\pm$ 0.009 χ^2 /NDF: 3558453.2/17

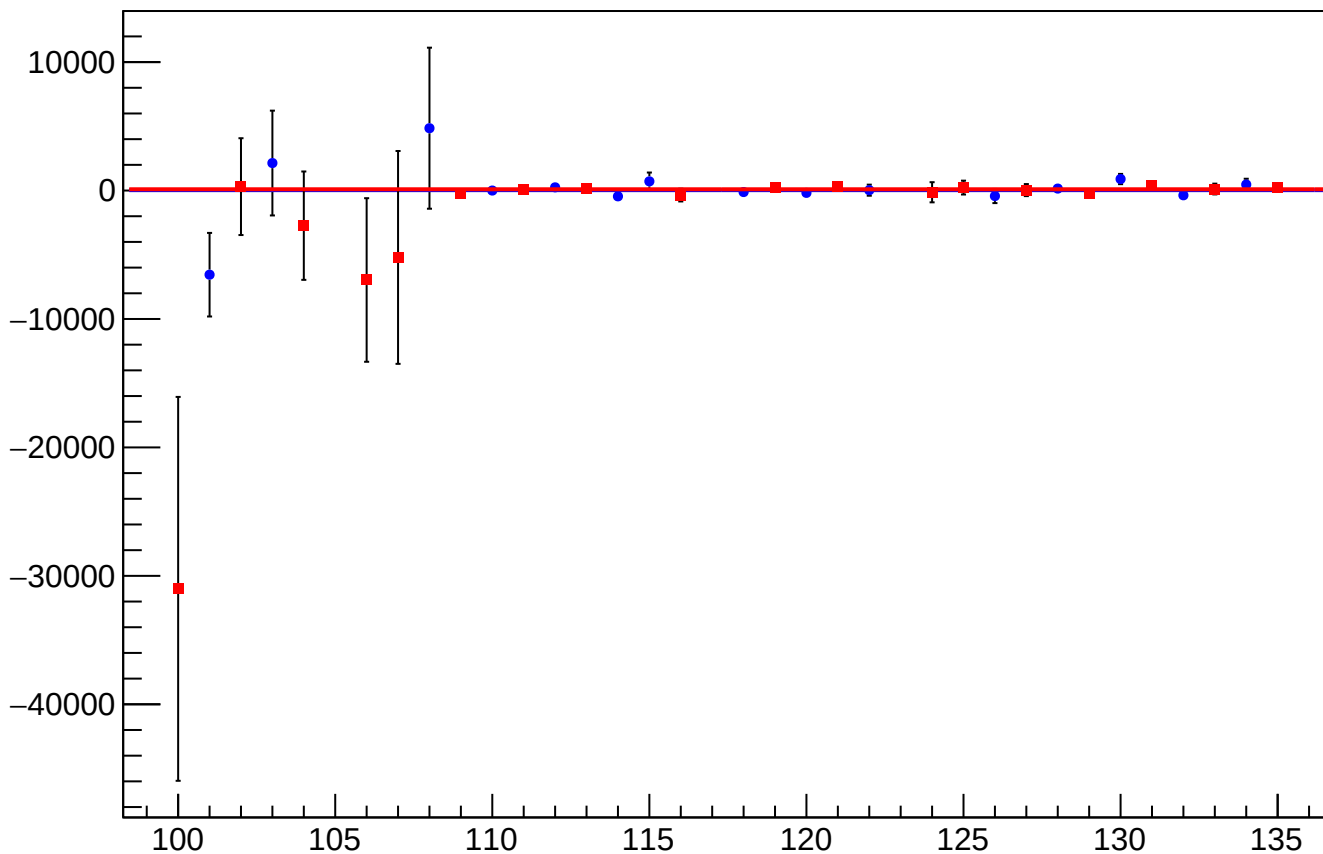
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.814 $\pm$ 0.006 χ^2 /NDF: 6824321.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_mean vs Slug



Right In: 31.356+/-93.113 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.777+/-80.335 χ^2/NDF : 12.5/17

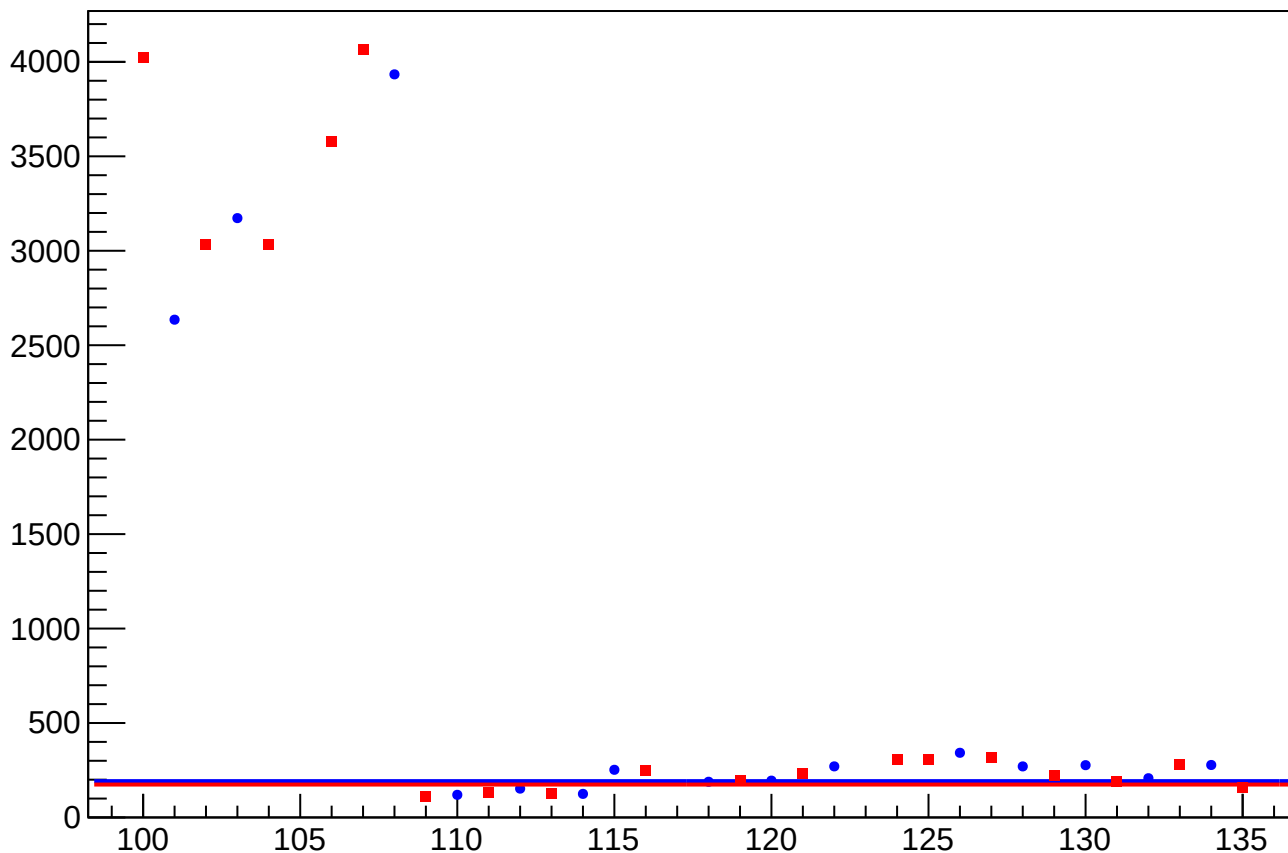
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.006+/-60.826 χ^2/NDF : 30.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_avg_rms vs Slug



Right In: 192.379+/-0.066 χ^2/NDF : 3780849.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 174.182+/-0.057 χ^2/NDF : 4256083.1/17

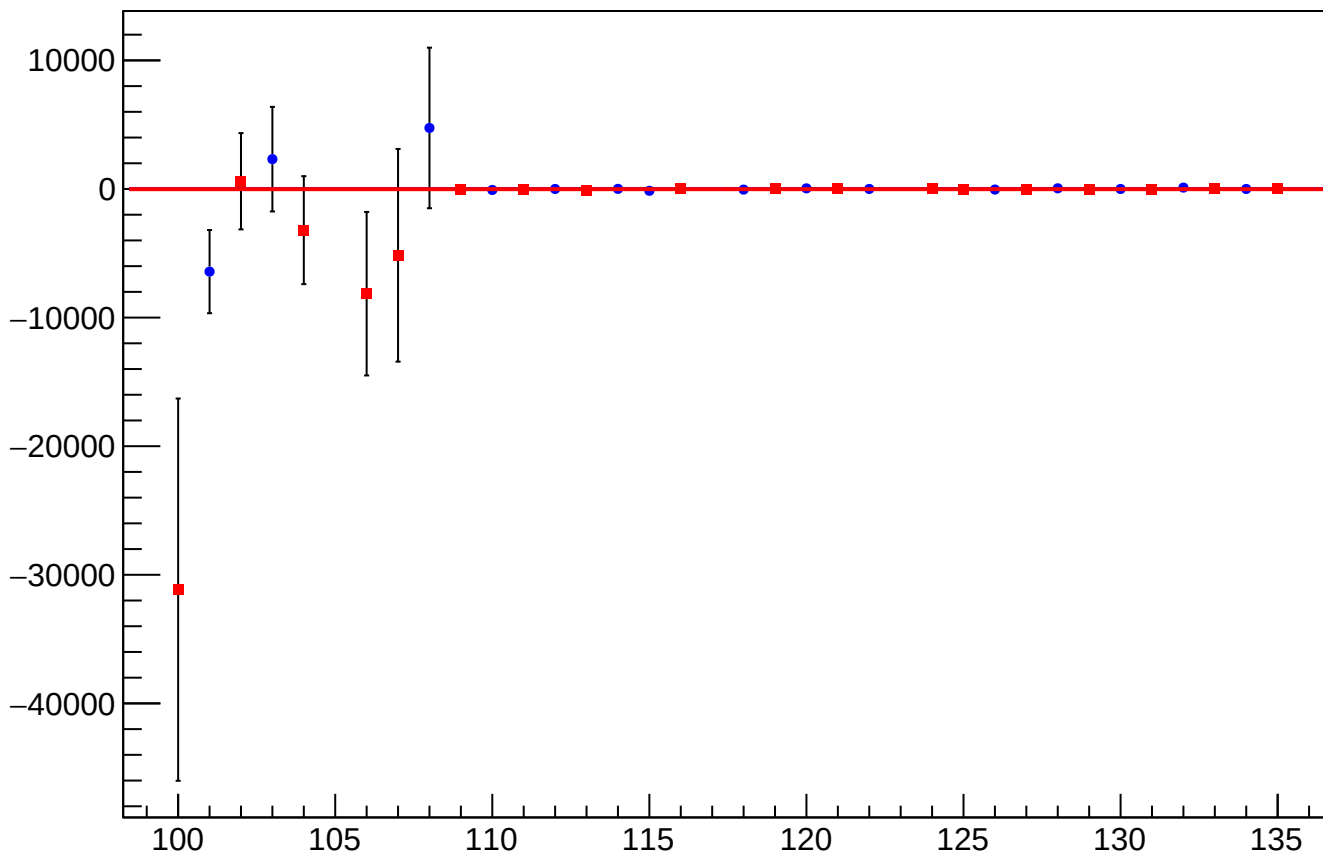
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.947+/-0.043 χ^2/NDF : 8080721.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_mean vs Slug



Right In: 0.029 $\pm$ 15.614 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -12.797 $\pm$ 14.712 χ^2 /NDF: 22.5/17

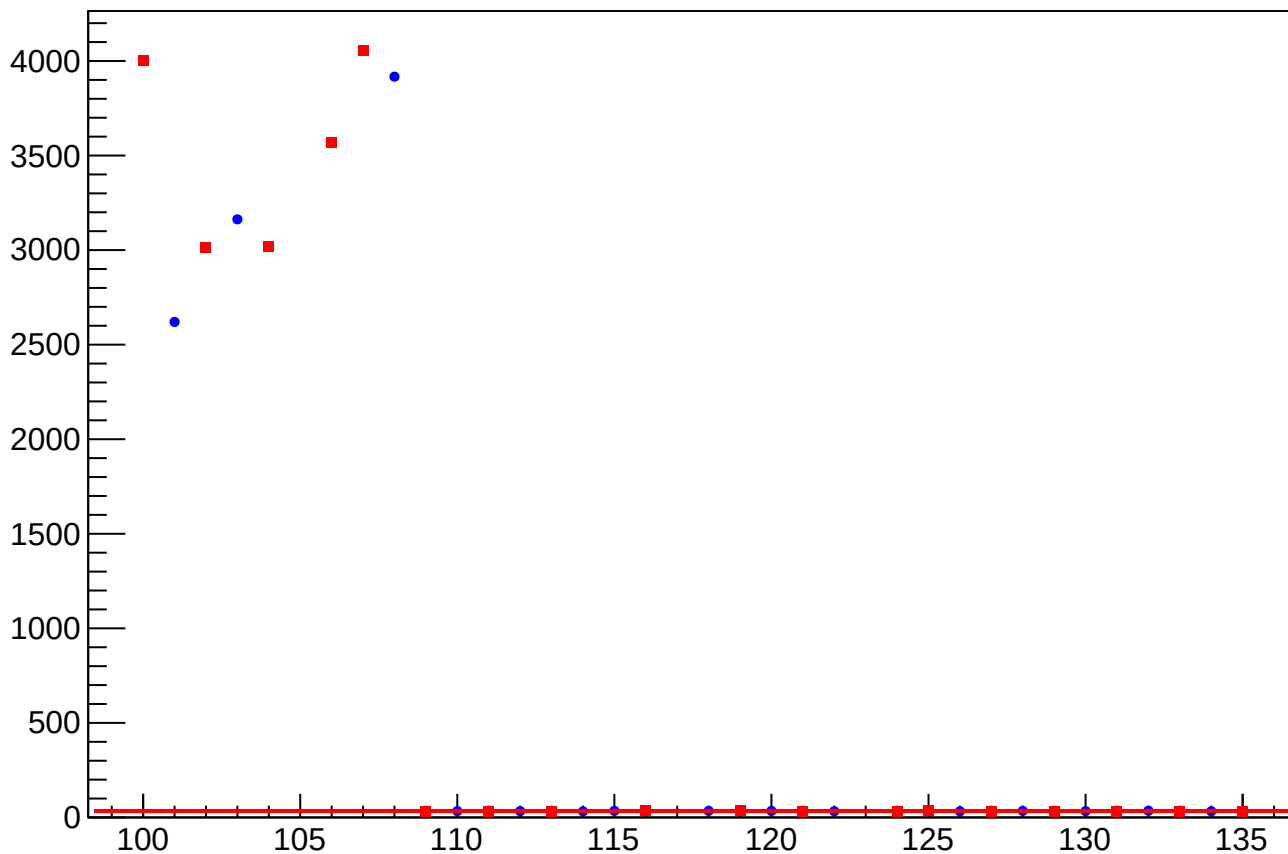
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.765 $\pm$ 10.708 χ^2 /NDF: 39.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_us_agg_dd_rms vs Slug



Right In: 33.944 $\pm$ 0.011 χ^2 /NDF: 3244282.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 33.736 $\pm$ 0.010 χ^2 /NDF: 3526440.8/17

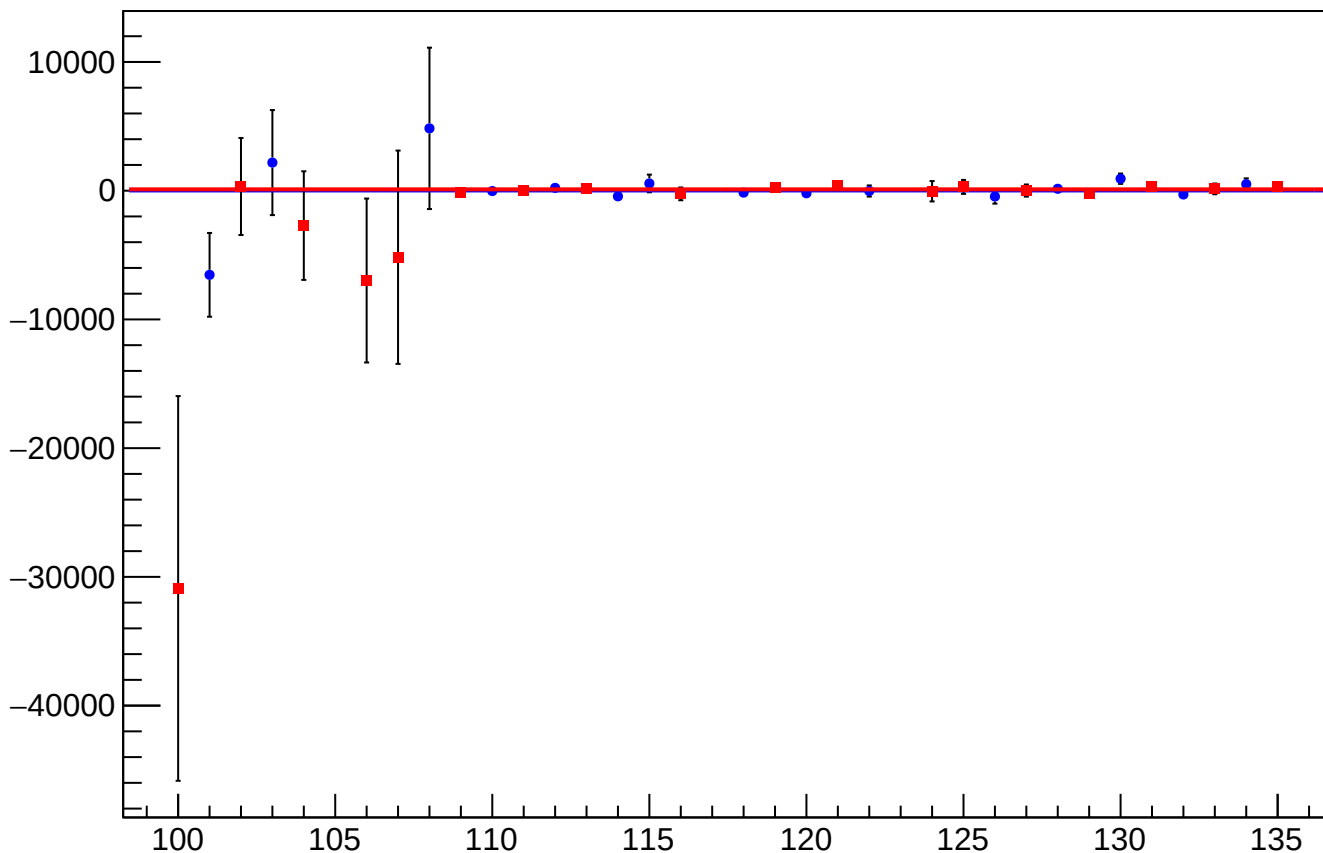
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.834 $\pm$ 0.008 χ^2 /NDF: 6770911.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_mean vs Slug



Right In: 19.636+/-92.662 χ^2/NDF : 17.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.664+/-79.836 χ^2/NDF : 12.4/17

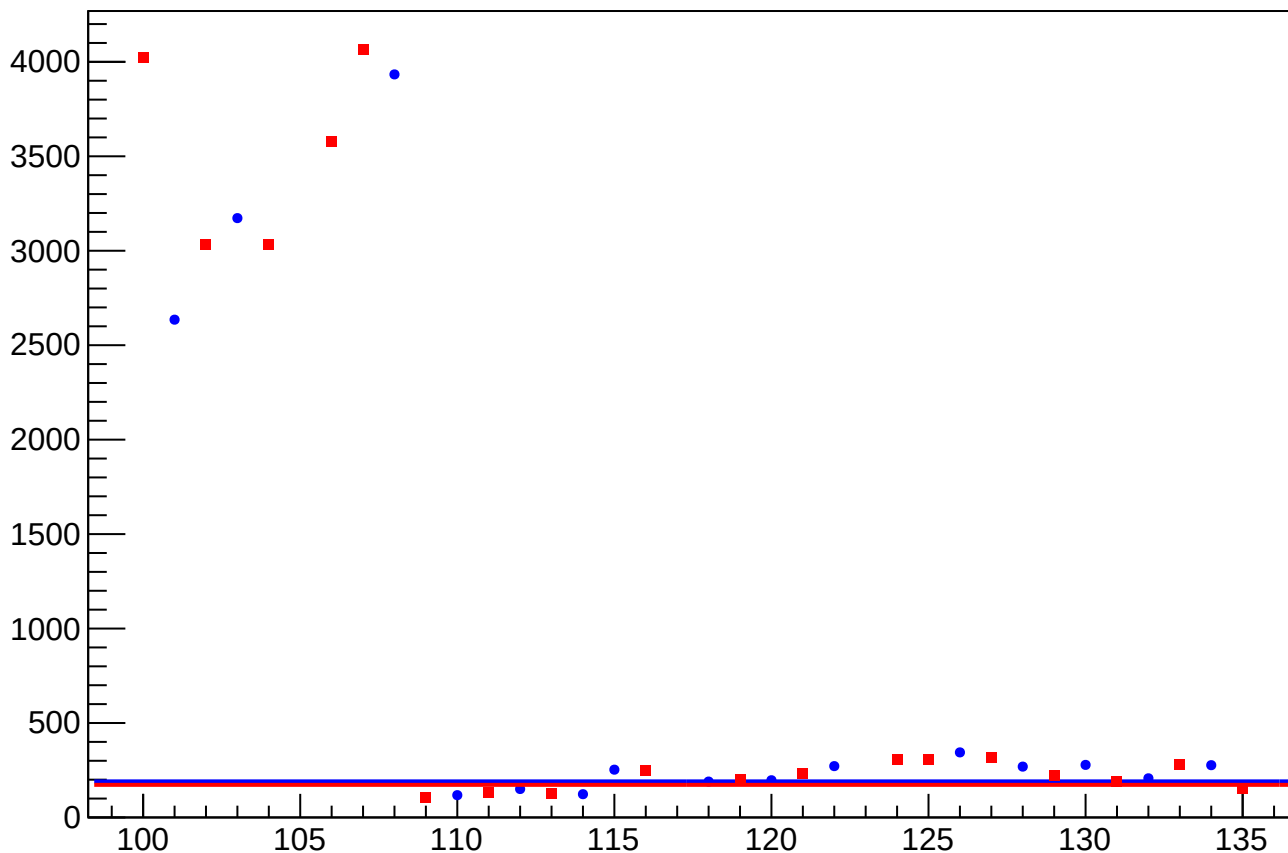
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.012+/-60.483 χ^2/NDF : 29.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_avg_rms vs Slug



Right In: 191.000 $\pm$ 0.066 χ^2 /NDF: 3819183.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 172.653 $\pm$ 0.056 χ^2 /NDF: 4304173.9/17

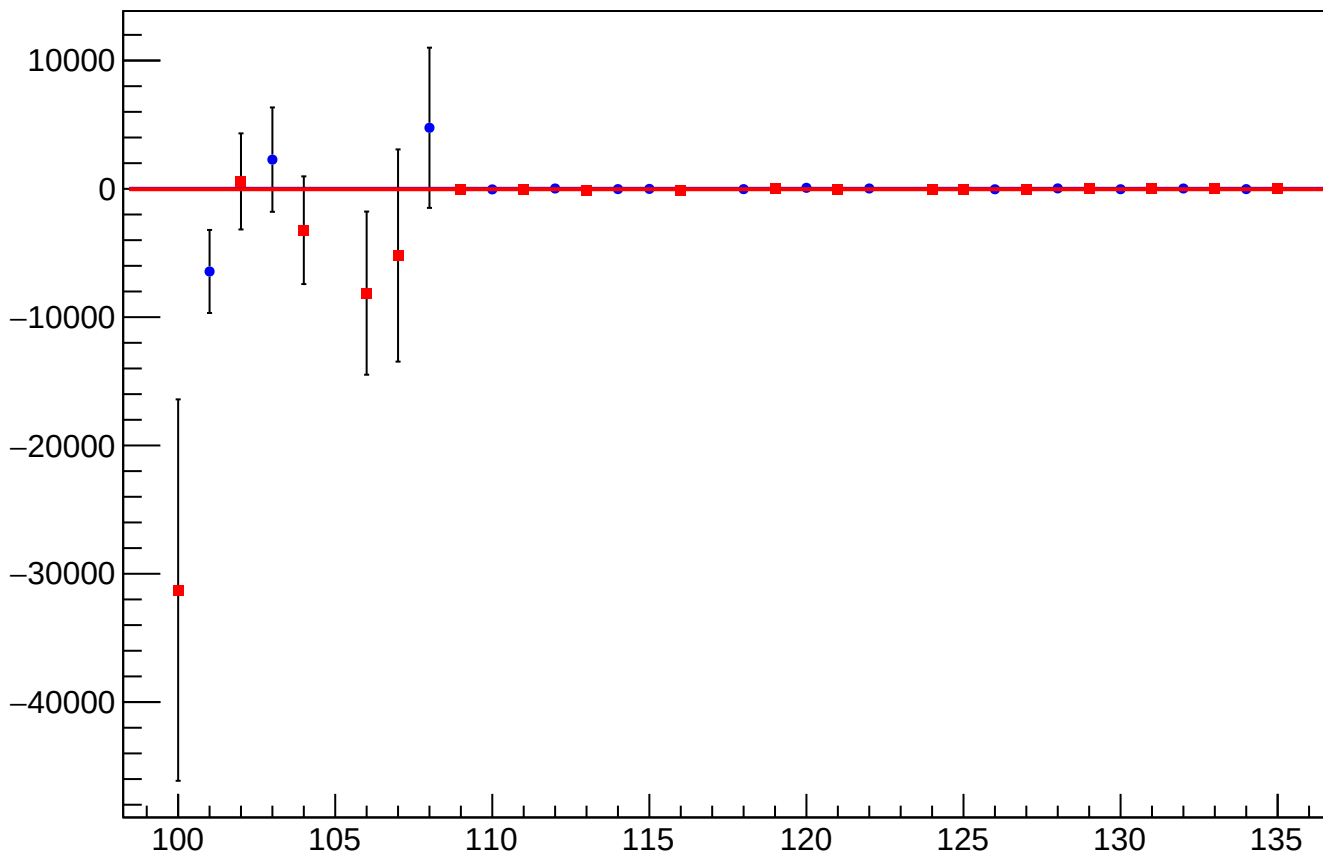
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.470 $\pm$ 0.043 χ^2 /NDF: 8168356.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_mean vs Slug



Right In: 1.753 $\pm$ 14.267 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -30.061 $\pm$ 13.447 χ^2 /NDF: 22.1/17

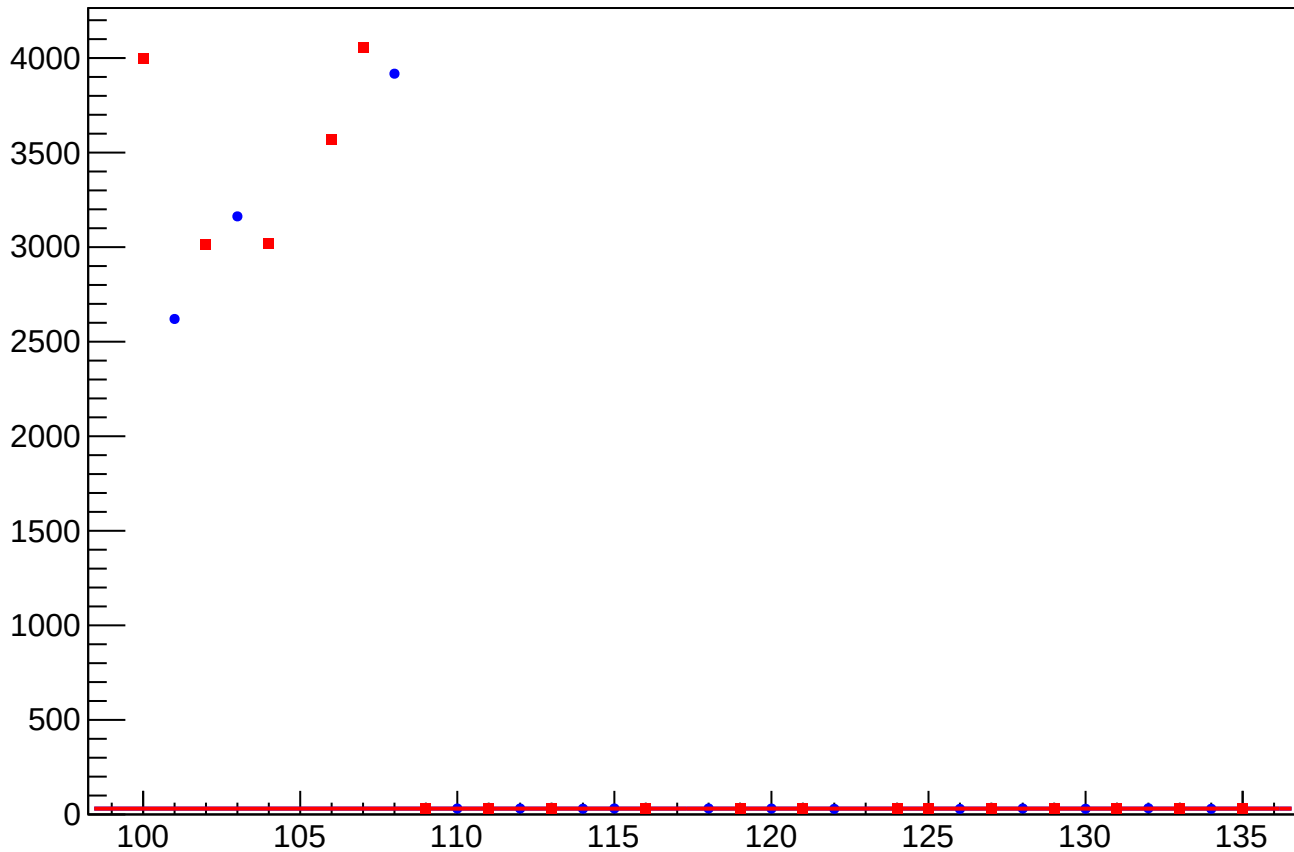
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.094 $\pm$ 9.785 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_bcm_dg_ds_agg_dd_rms vs Slug



Right In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.812+/-0.010 χ^2/NDF : 3535894.8/17

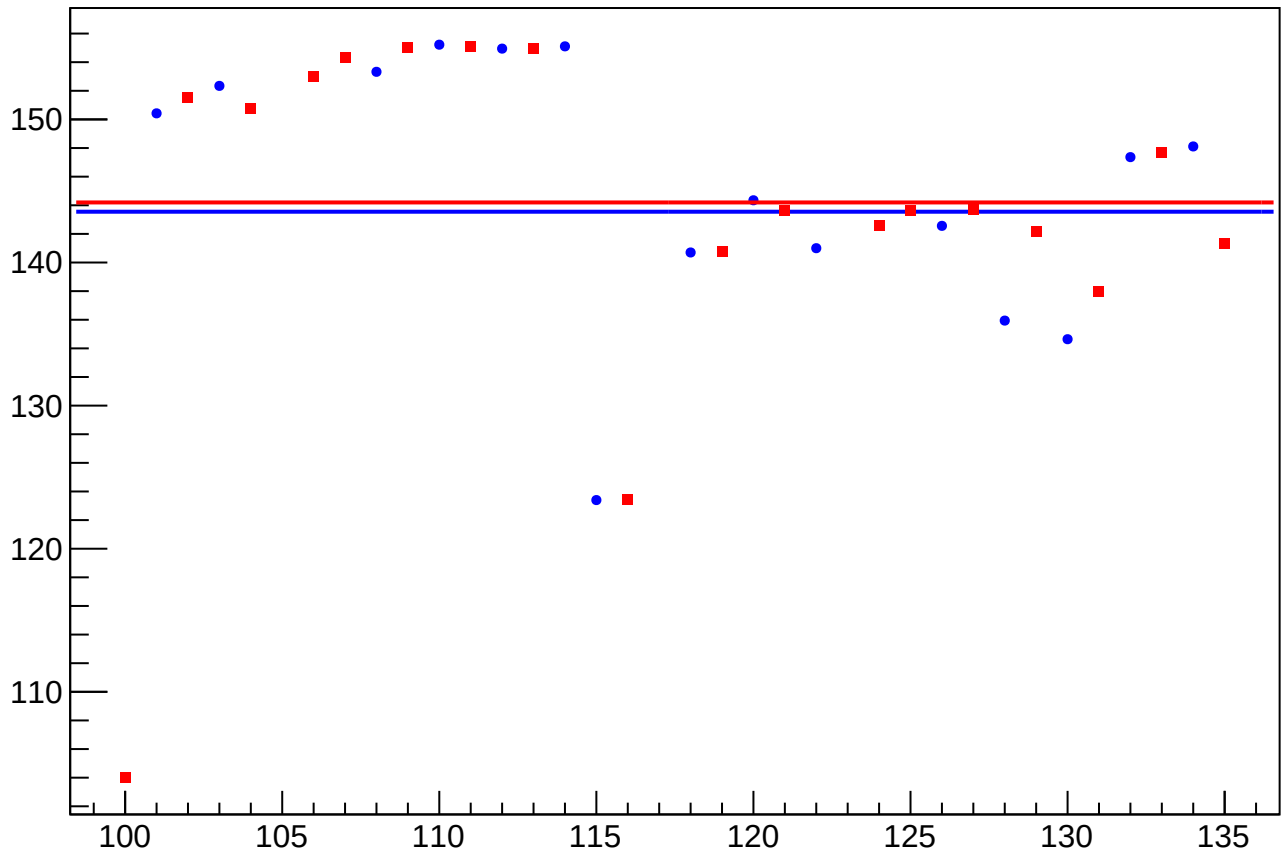
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.895+/-0.007 χ^2/NDF : 6788440.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_mean vs Slug



Right In: 143.550+/-0.000 χ^2/NDF : 3566496735.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.198+/-0.000 χ^2/NDF : 4237811212.1/17

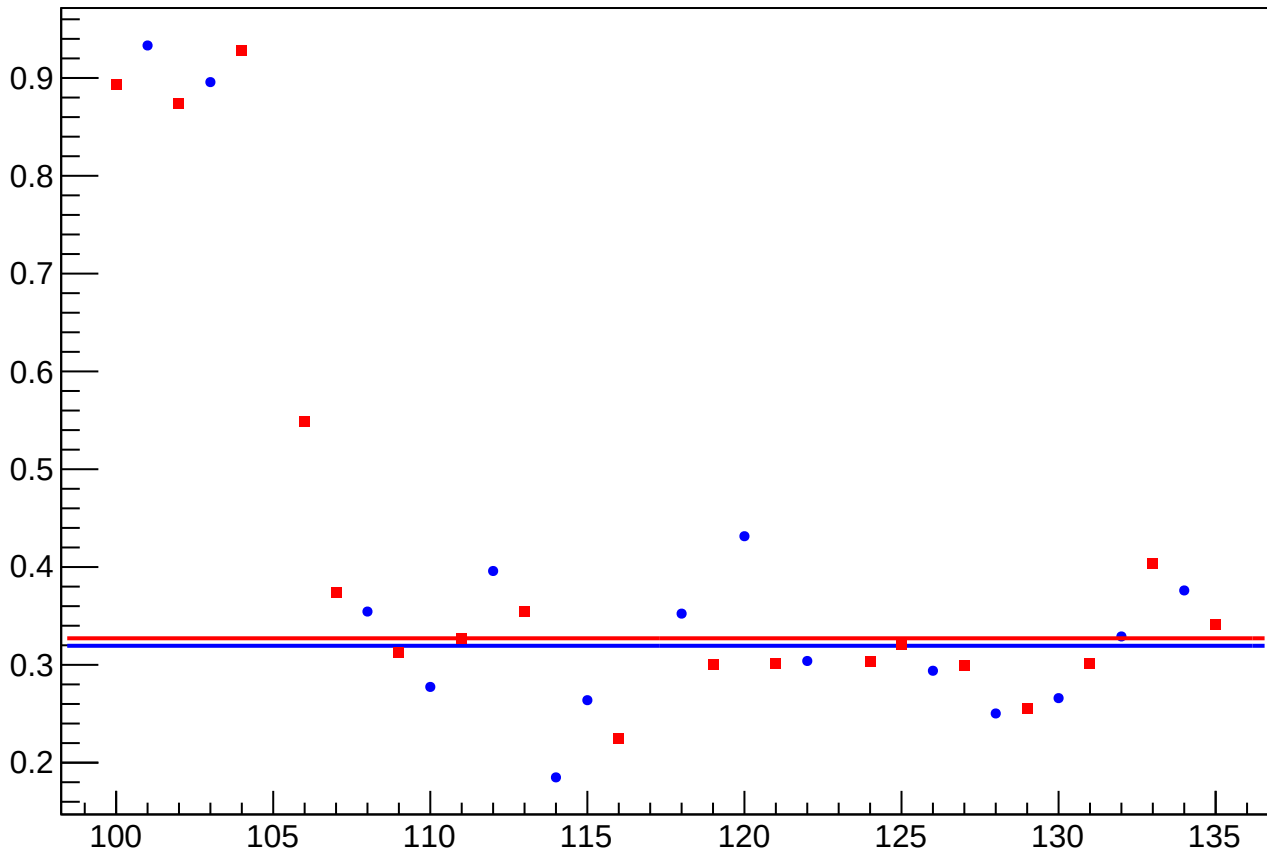
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 143.890+/-0.000 χ^2/NDF : 7815317241.3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_target_rms vs Slug



Right In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.327+/-0.000 χ^2/NDF : 1294739.8/17

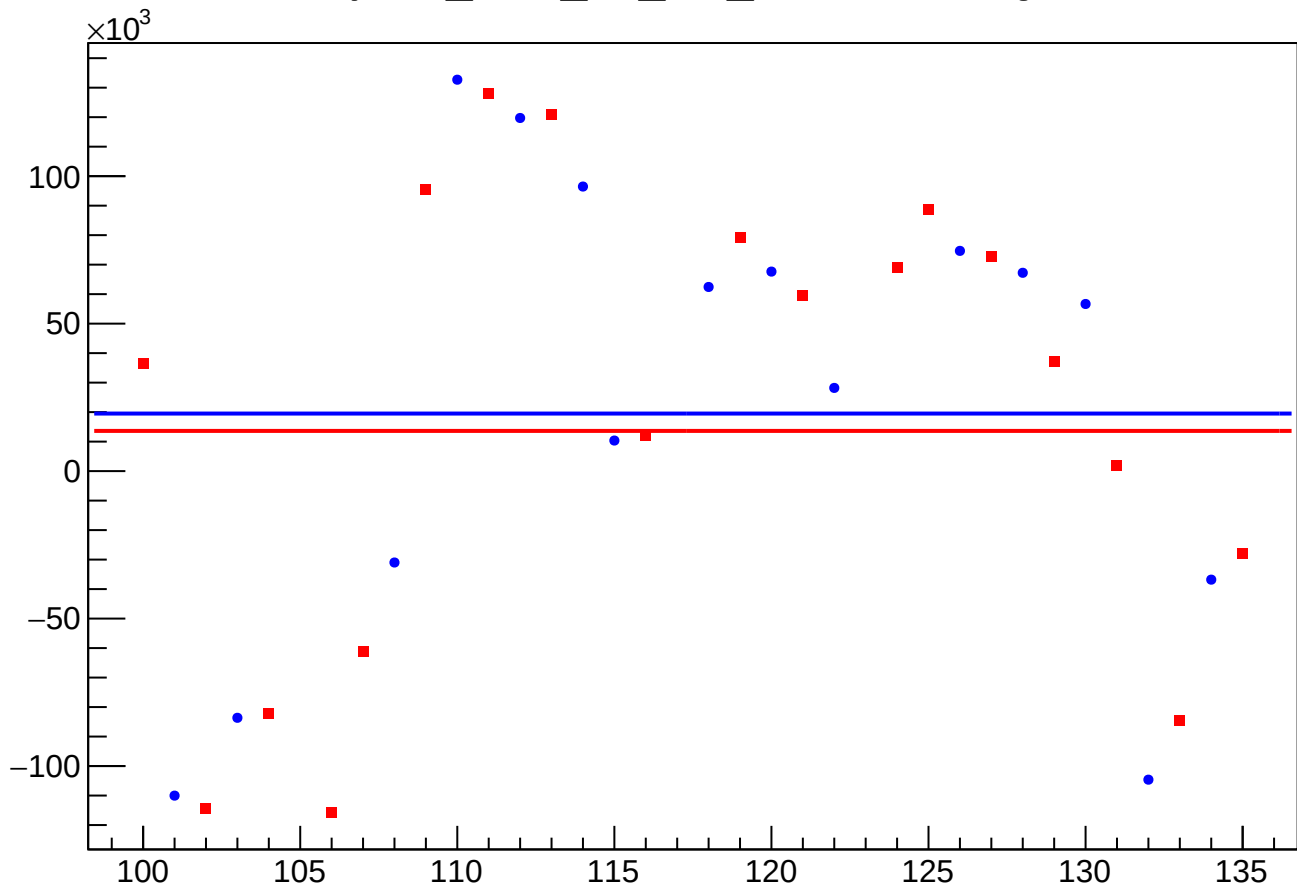
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.324+/-0.000 χ^2/NDF : 2684507.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_diff_mean vs Slug



Right In: 19512.605 $\pm$ 2.124 χ^2 /NDF: 1391759983.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

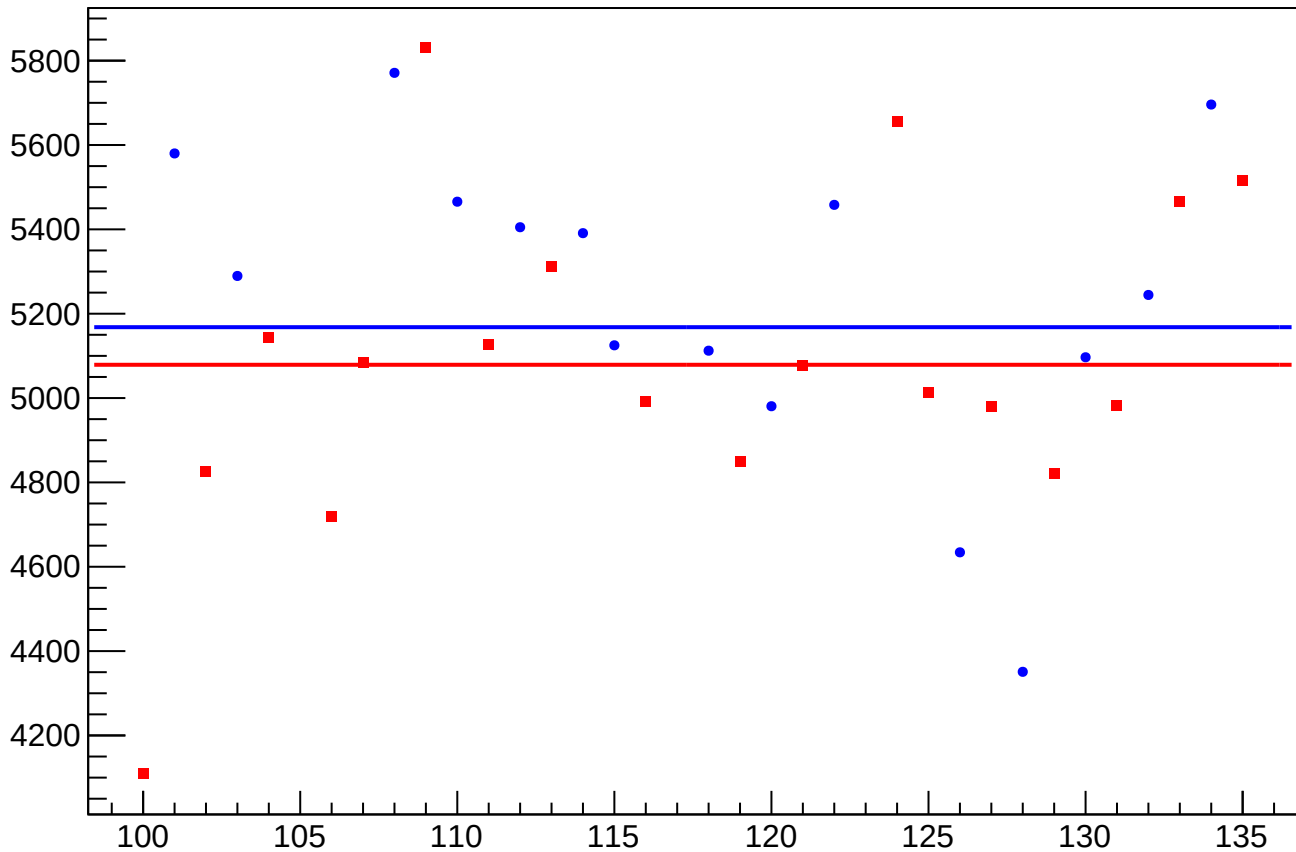
Right Out: 13629.366 $\pm$ 1.944 χ^2 /NDF: 1856944255.0/17

All: 16310.803 $\pm$ 1.434 χ^2 /NDF: 3252879169

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bcm_an_diff_rms vs Slug



Right In: 5168.048 $\pm$ 1.502 χ^2 /NDF: 74133.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5078.891 $\pm$ 1.375 χ^2 /NDF: 51992.2/17

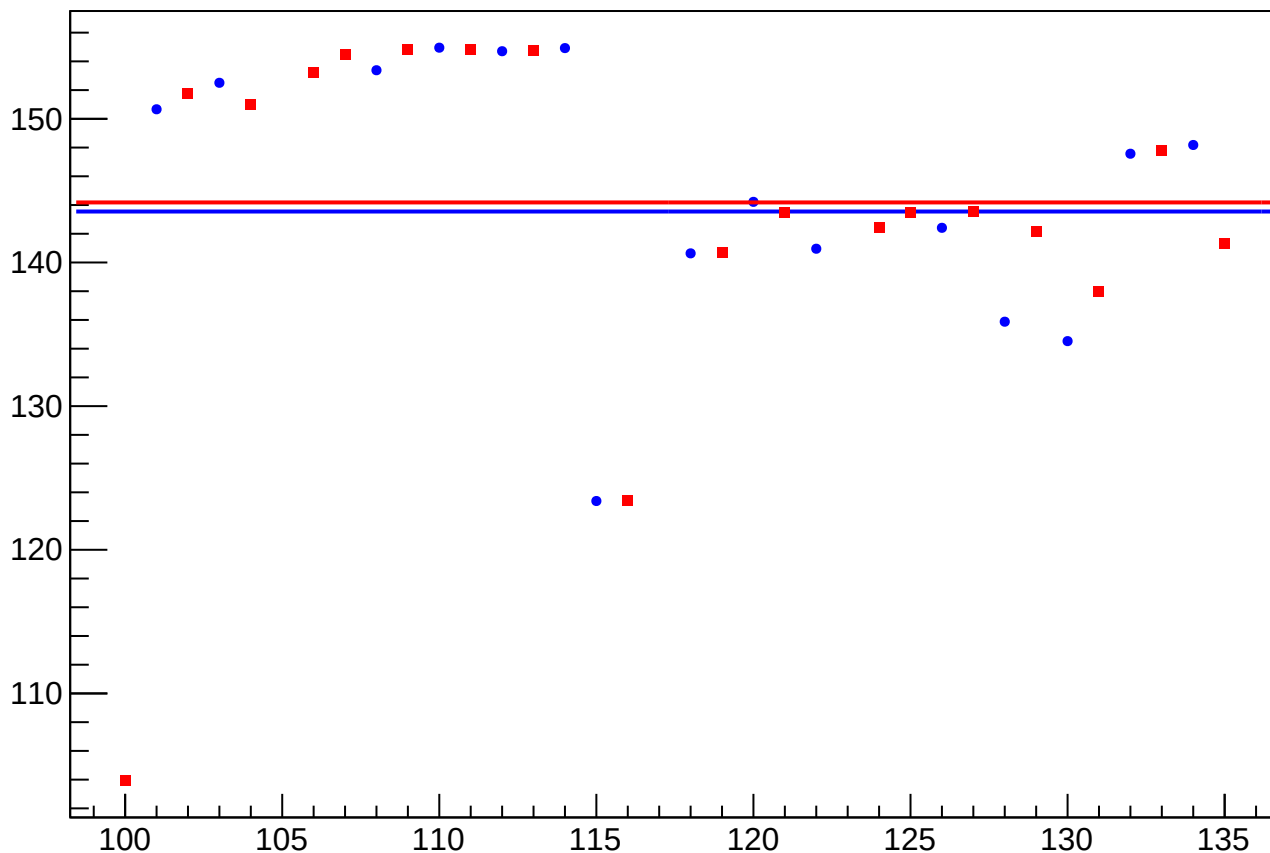
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5119.526 $\pm$ 1.014 χ^2 /NDF: 128043.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_mean vs Slug



Right In: 143.548 $\pm$ 0.000 χ^2 /NDF: 3605363285.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 144.181 $\pm$ 0.000 χ^2 /NDF: 4263348947.7/17

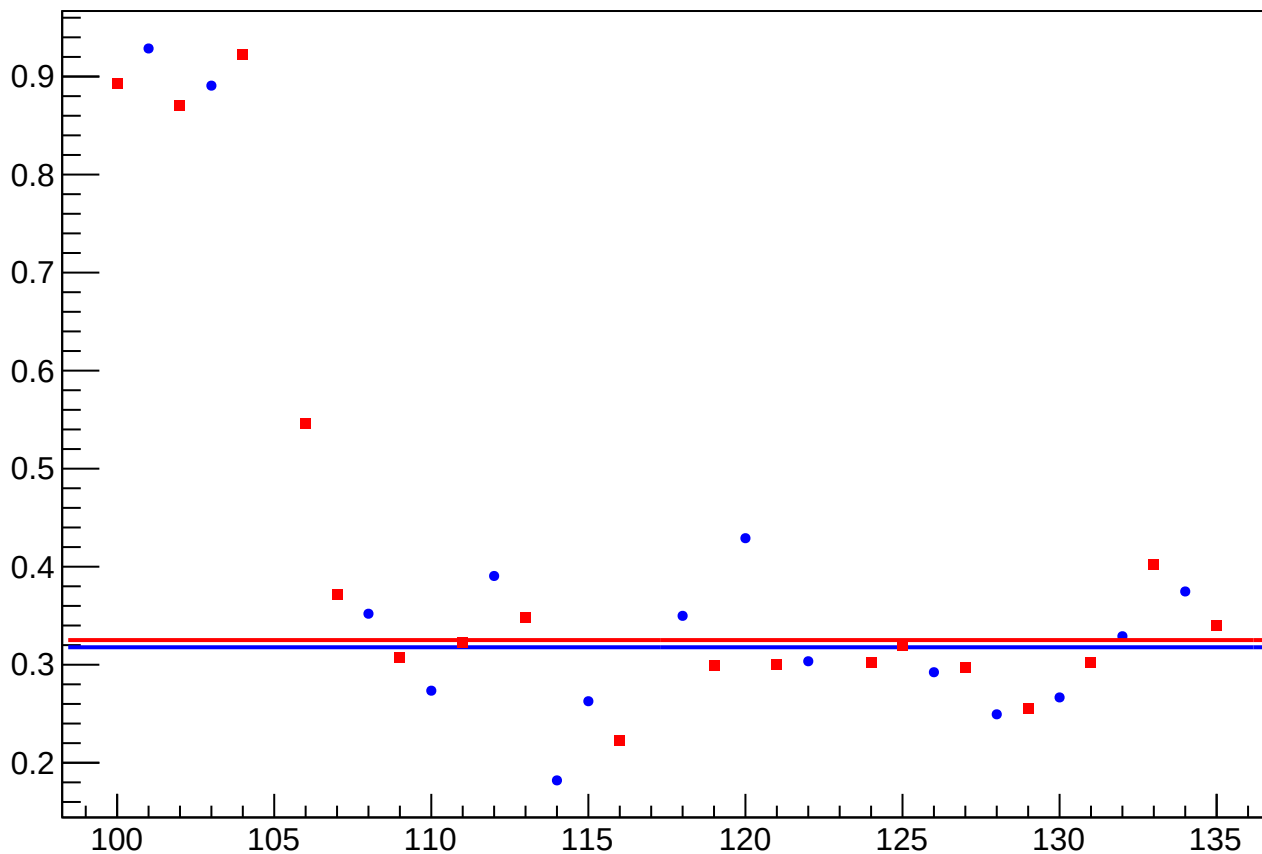
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 143.880 $\pm$ 0.000 χ^2 /NDF: 7879319317.8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds_rms vs Slug



Right In: 0.318 $\pm$ 0.000 χ^2 /NDF: 1386330.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.325 $\pm$ 0.000 χ^2 /NDF: 1293025.3/17

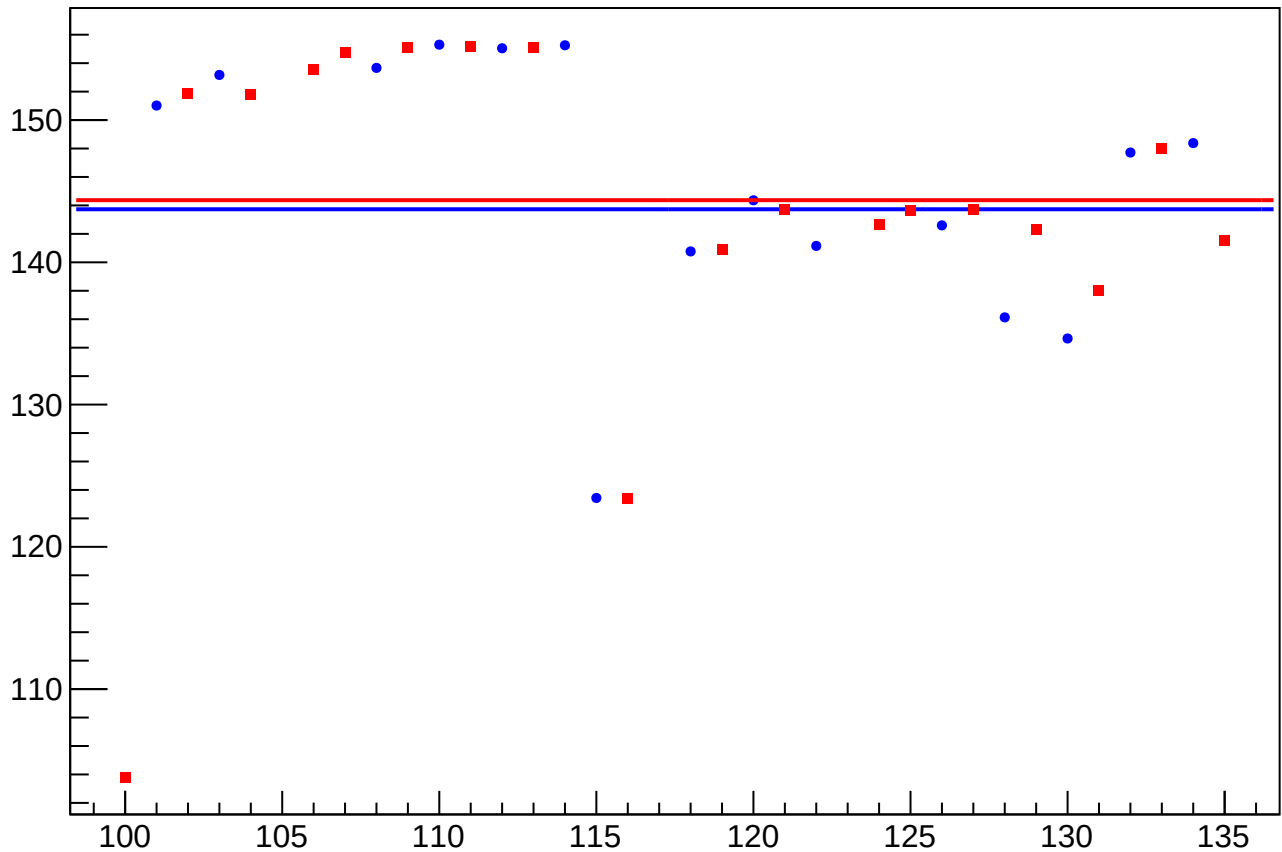
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.322 $\pm$ 0.000 χ^2 /NDF: 2682199.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_mean vs Slug



Right In: 143.730 $\pm$ 0.000 χ^2 /NDF: 3598169604.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

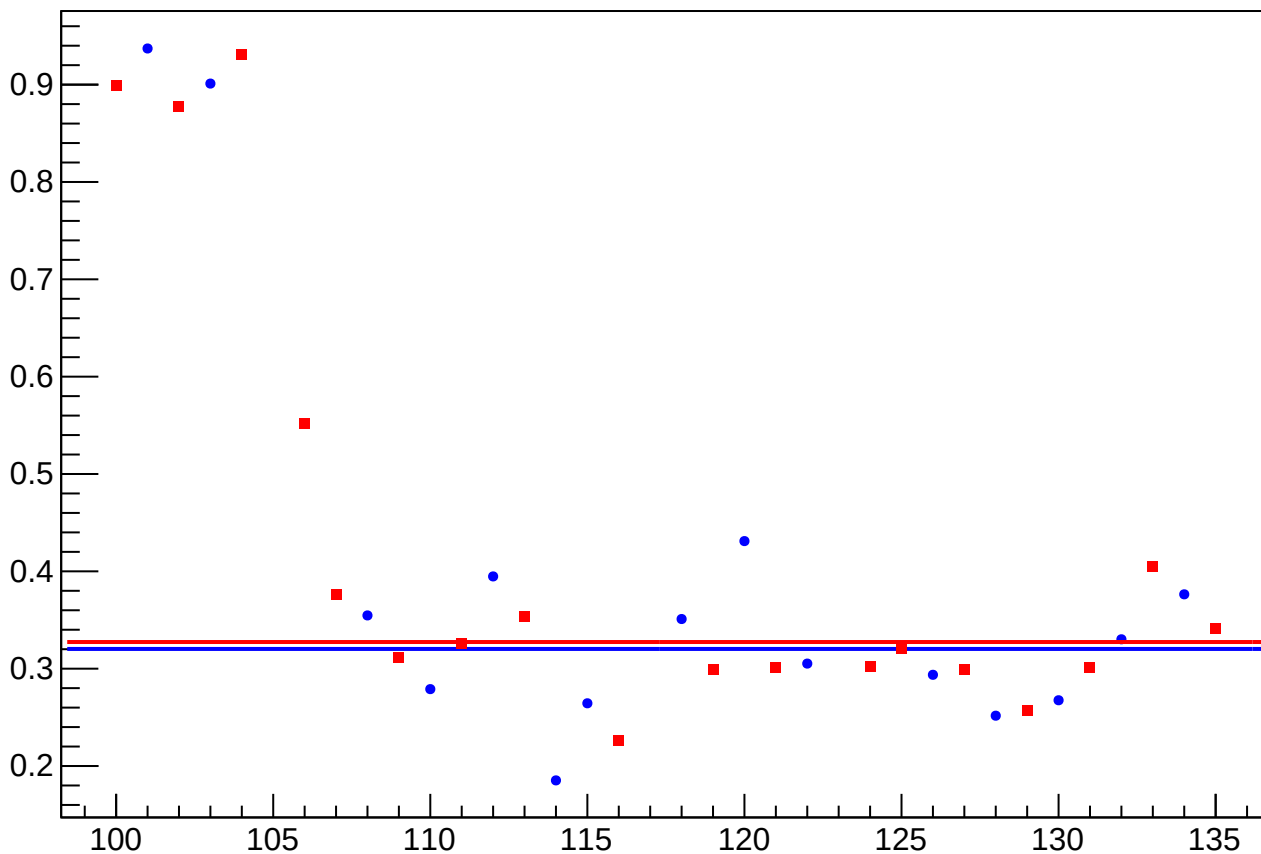
Right Out: 144.368 $\pm$ 0.000 χ^2 /NDF: 4255395689.2/17

All: 144.065 $\pm$ 0.000 χ^2 /NDF: 7864228206.8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_ds3_rms vs Slug



Right In: 0.320+/-0.000 χ^2/NDF : 1382822.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.327+/-0.000 χ^2/NDF : 1293487.2/17

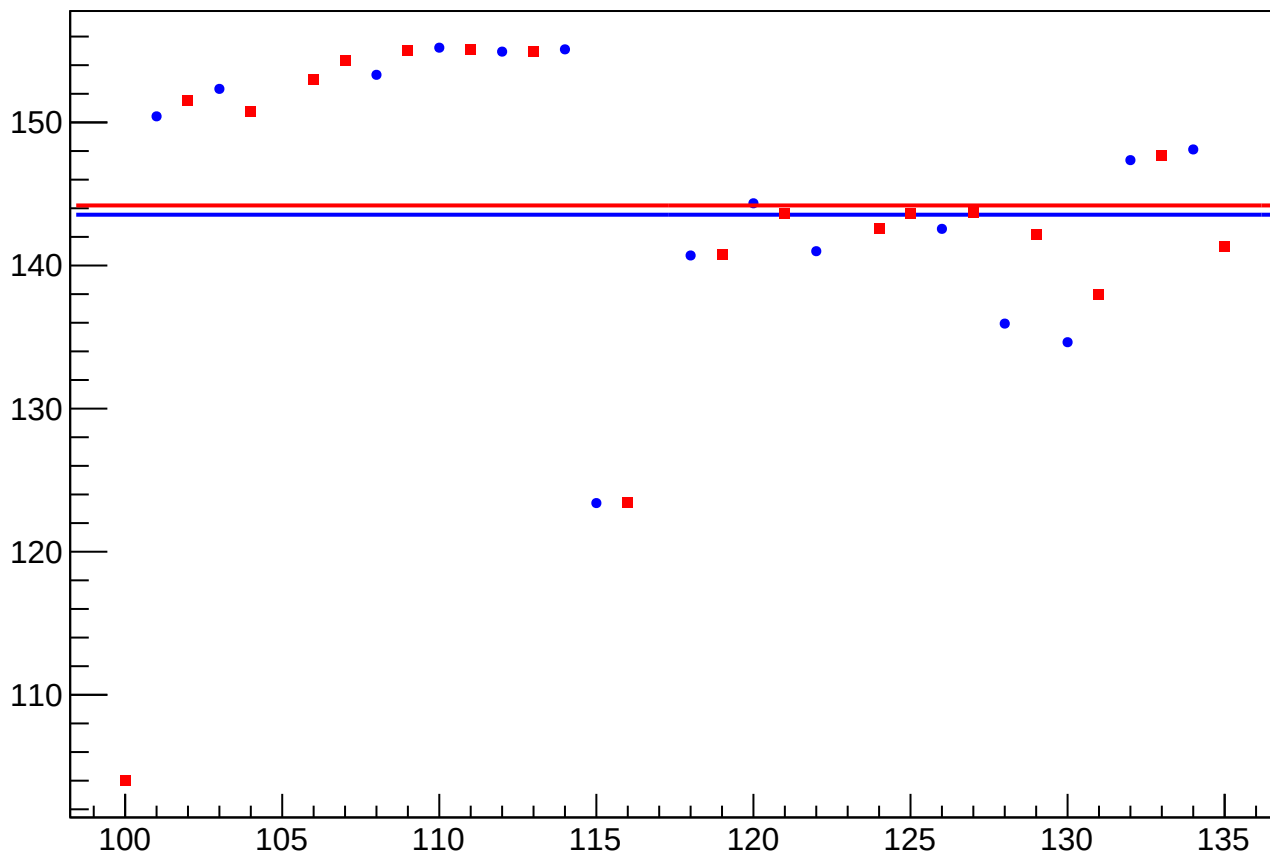
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.324+/-0.000 χ^2/NDF : 2678956.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_an_us_mean vs Slug



Right In: 143.550 $\pm$ 0.000 χ^2 /NDF: 3566496735.5/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

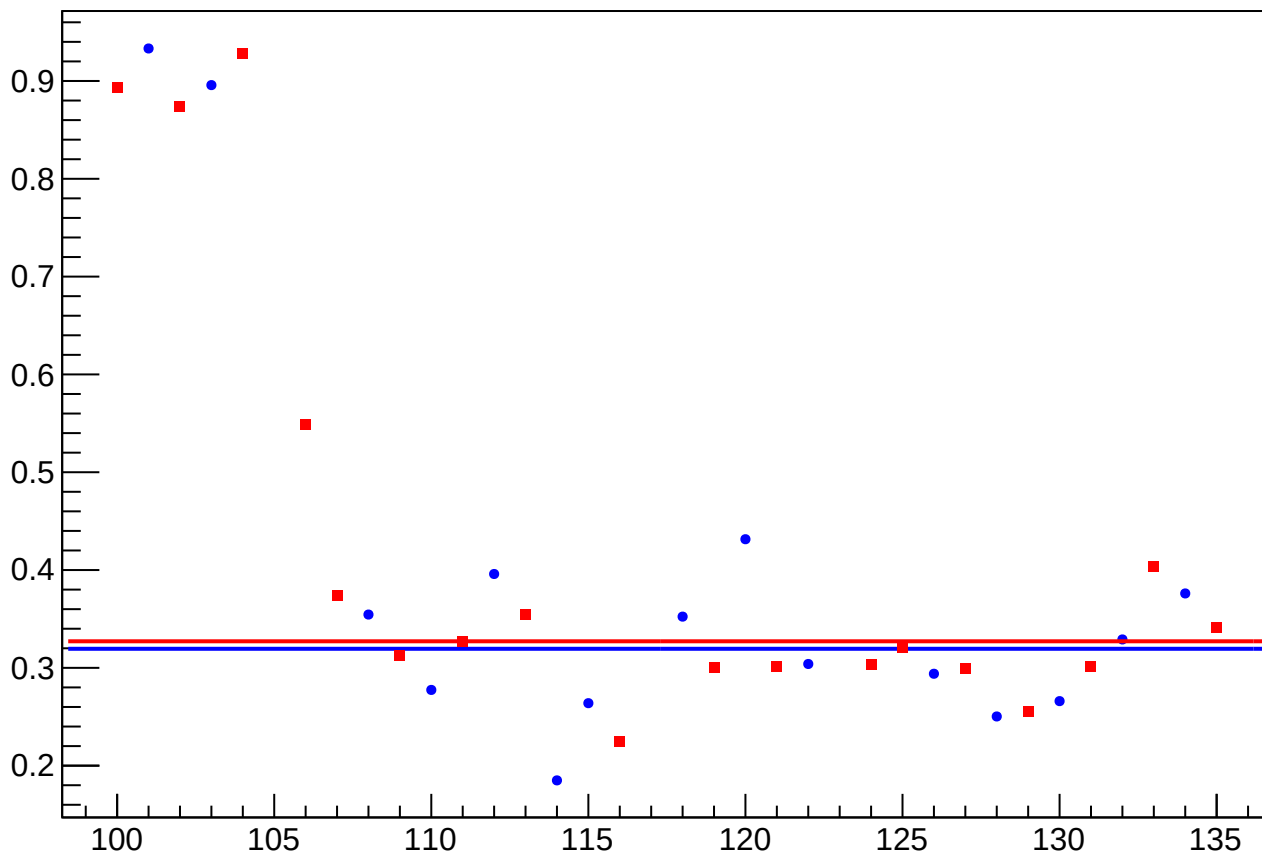
Right Out: 144.198 $\pm$ 0.000 χ^2 /NDF: 4237811212.1/17

All: 143.890 $\pm$ 0.000 χ^2 /NDF: 7815317241.3

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_an_us_rms vs Slug



Right In: 0.319+/-0.000 χ^2/NDF : 1386686.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.327+/-0.000 χ^2/NDF : 1294739.8/17

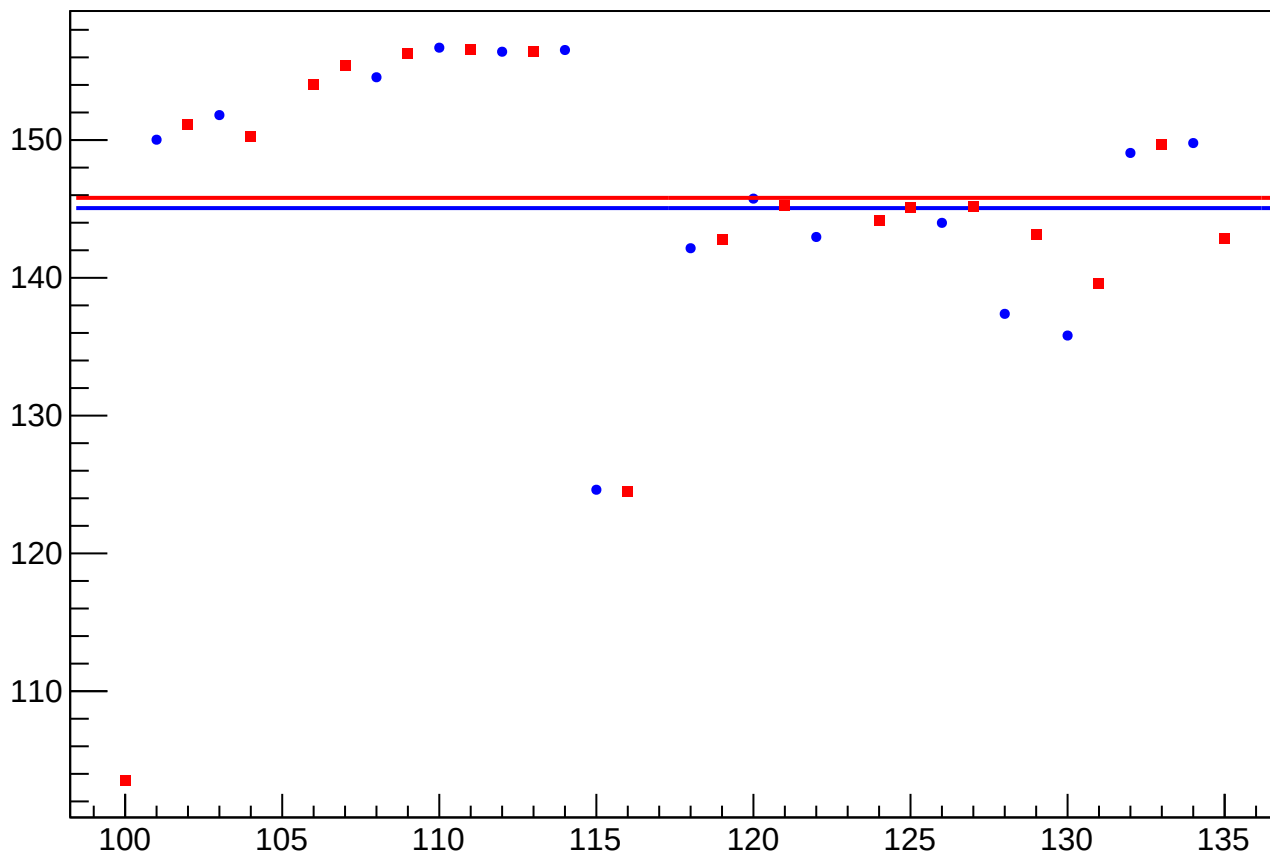
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.324+/-0.000 χ^2/NDF : 2684507.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_us_mean vs Slug



Right In: 145.061 $\pm$ 0.000 χ^2 /NDF: 3335090101.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

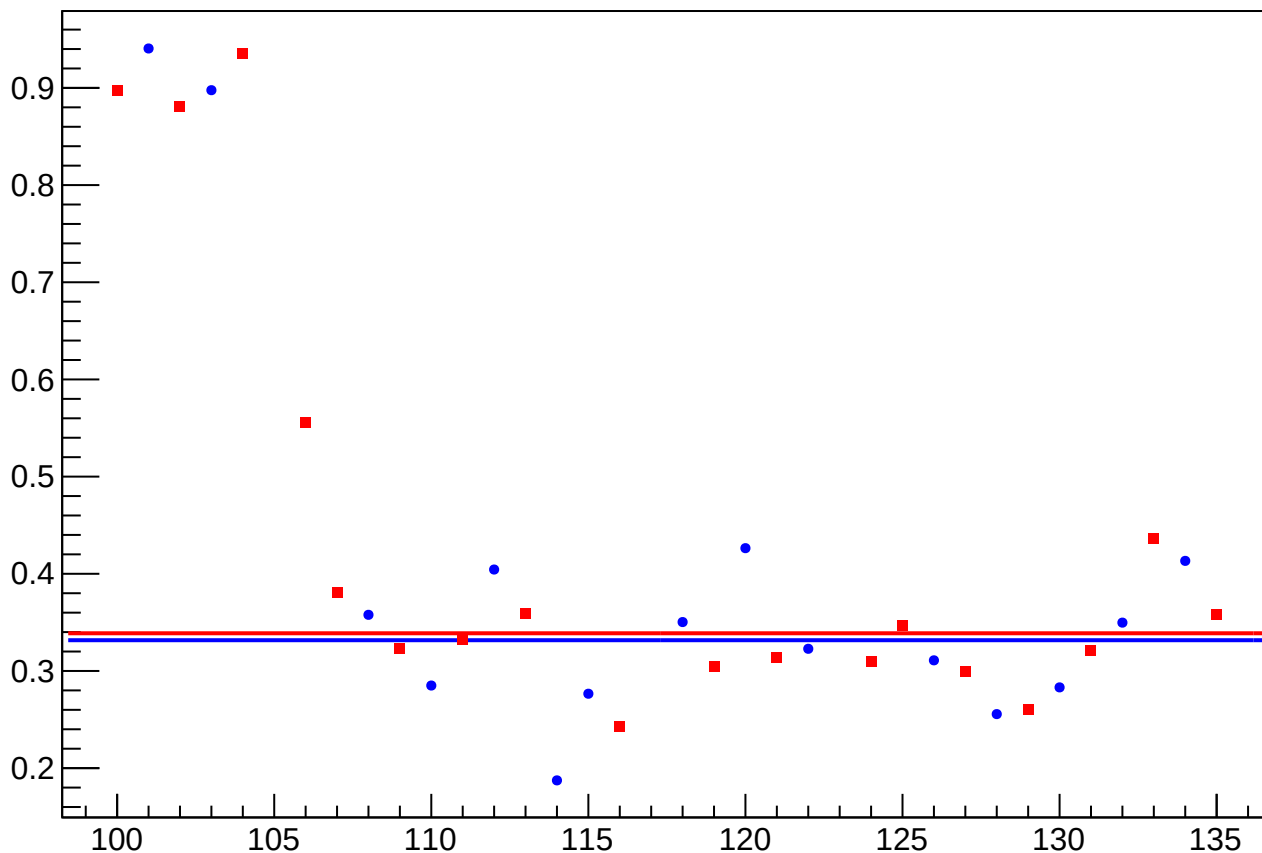
Right Out: 145.804 $\pm$ 0.000 χ^2 /NDF: 3838792130.1/17

All: 145.451 $\pm$ 0.000 χ^2 /NDF: 7187356848.1

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_us_rms vs Slug



Right In: 0.332+/-0.000 χ^2/NDF : 1349076.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.339+/-0.000 χ^2/NDF : 1262645.1/17

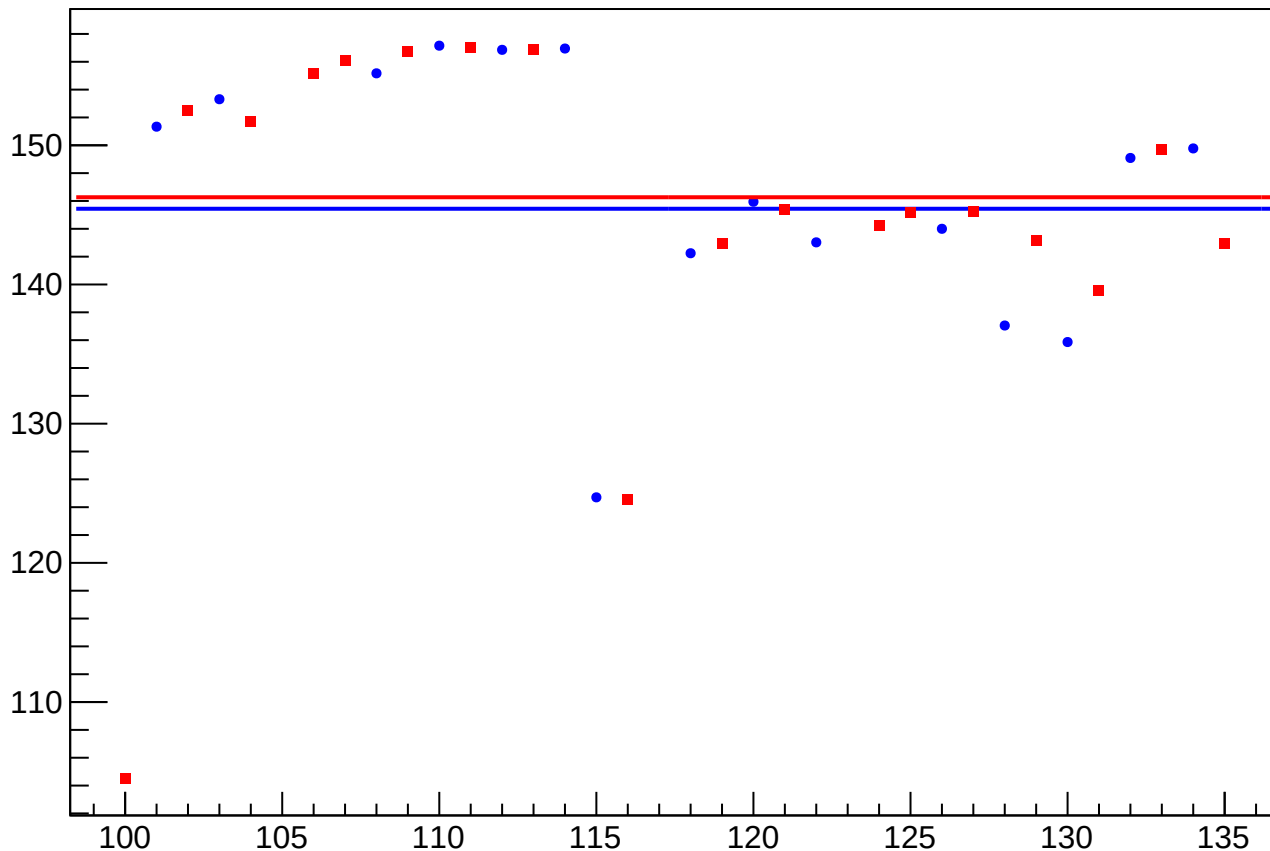
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.335+/-0.000 χ^2/NDF : 2614215.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm_dg_ds_mean vs Slug



Right In: 145.441 $\pm$ 0.000 χ^2 /NDF: 3499321146.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

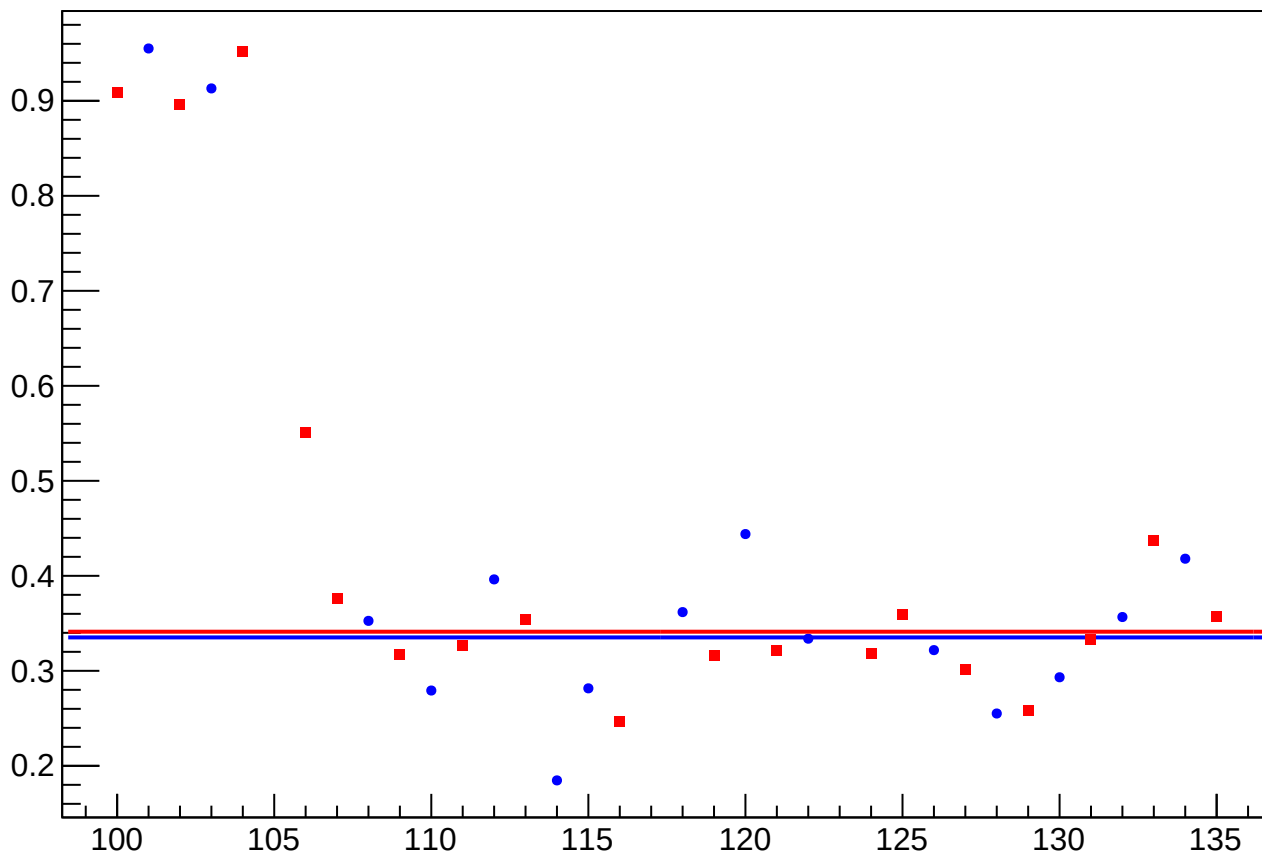
Right Out: 146.267 $\pm$ 0.000 χ^2 /NDF: 3943937635.8/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

All: 145.876 $\pm$ 0.000 χ^2 /NDF: 7459608322.8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bcm_dg_ds_rms vs Slug



Right In: 0.335 $\pm$ 0.000 χ^2 /NDF: 1373367.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.341 $\pm$ 0.000 χ^2 /NDF: 1260122.7/17

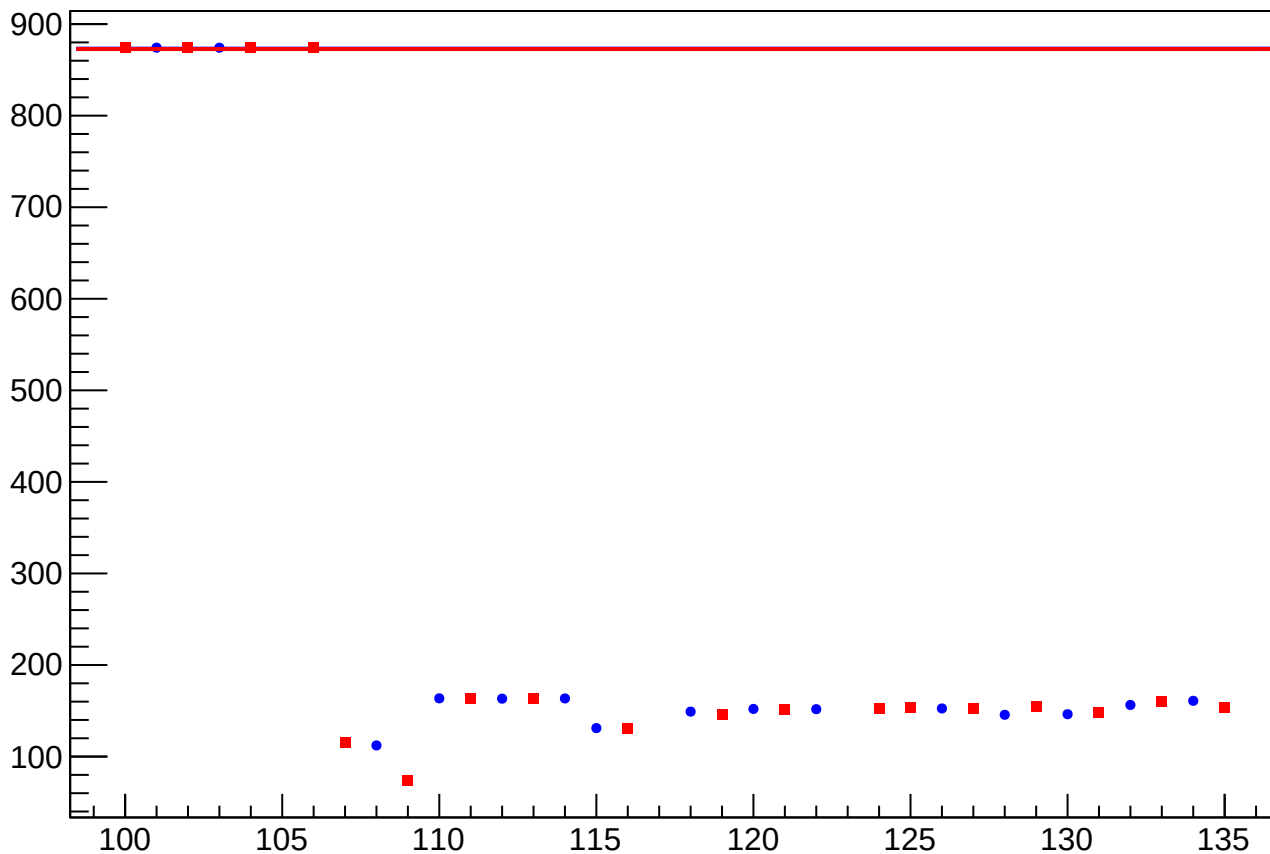
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.338 $\pm$ 0.000 χ^2 /NDF: 2635220.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bQ_mean vs Slug



Right In: 873.159+/-0.000 χ^2/NDF : 5482062823002.5/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

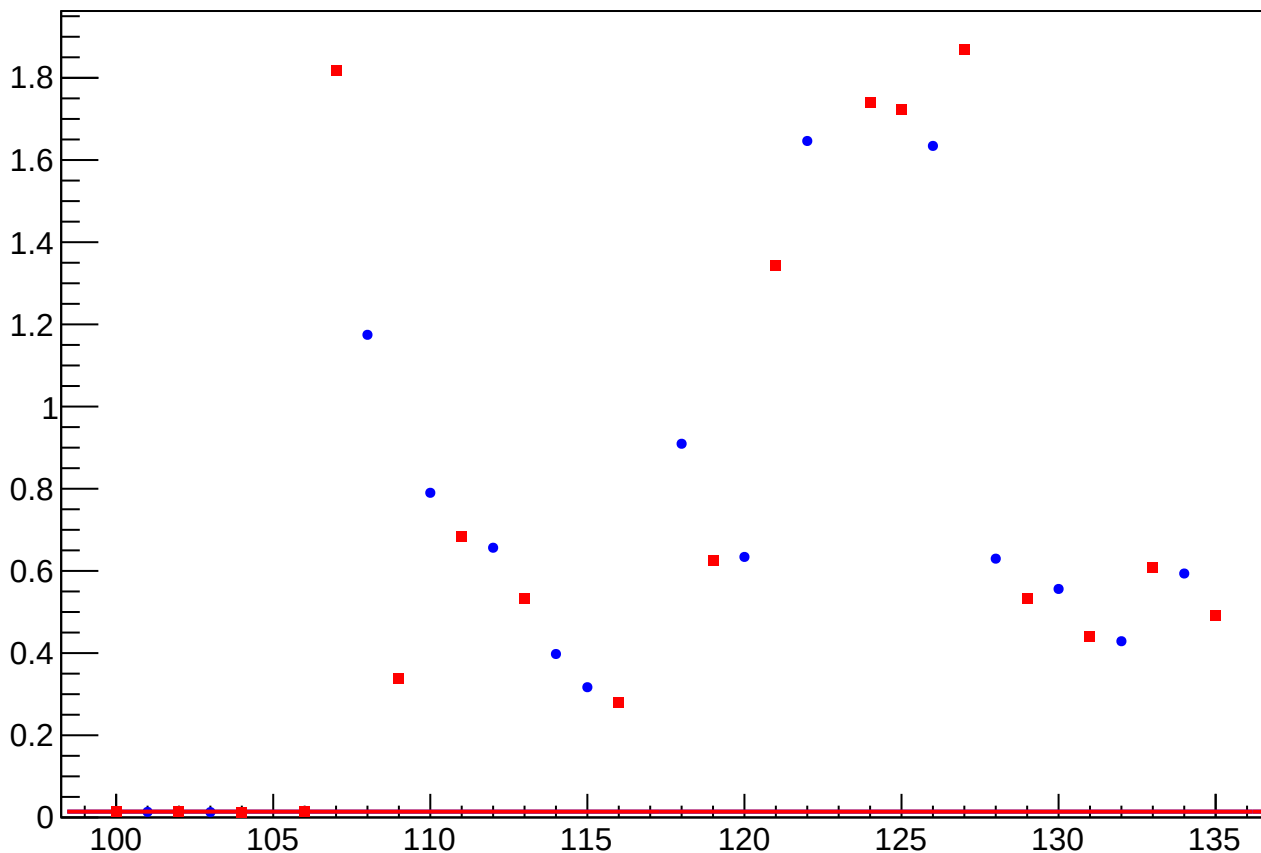
All: 872.937+/-0.000 χ^2/NDF : 14248277928

Right Out: 872.745+/-0.000 χ^2/NDF : 8765559792239.6/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bQ_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 8049558.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 9038953.6/17

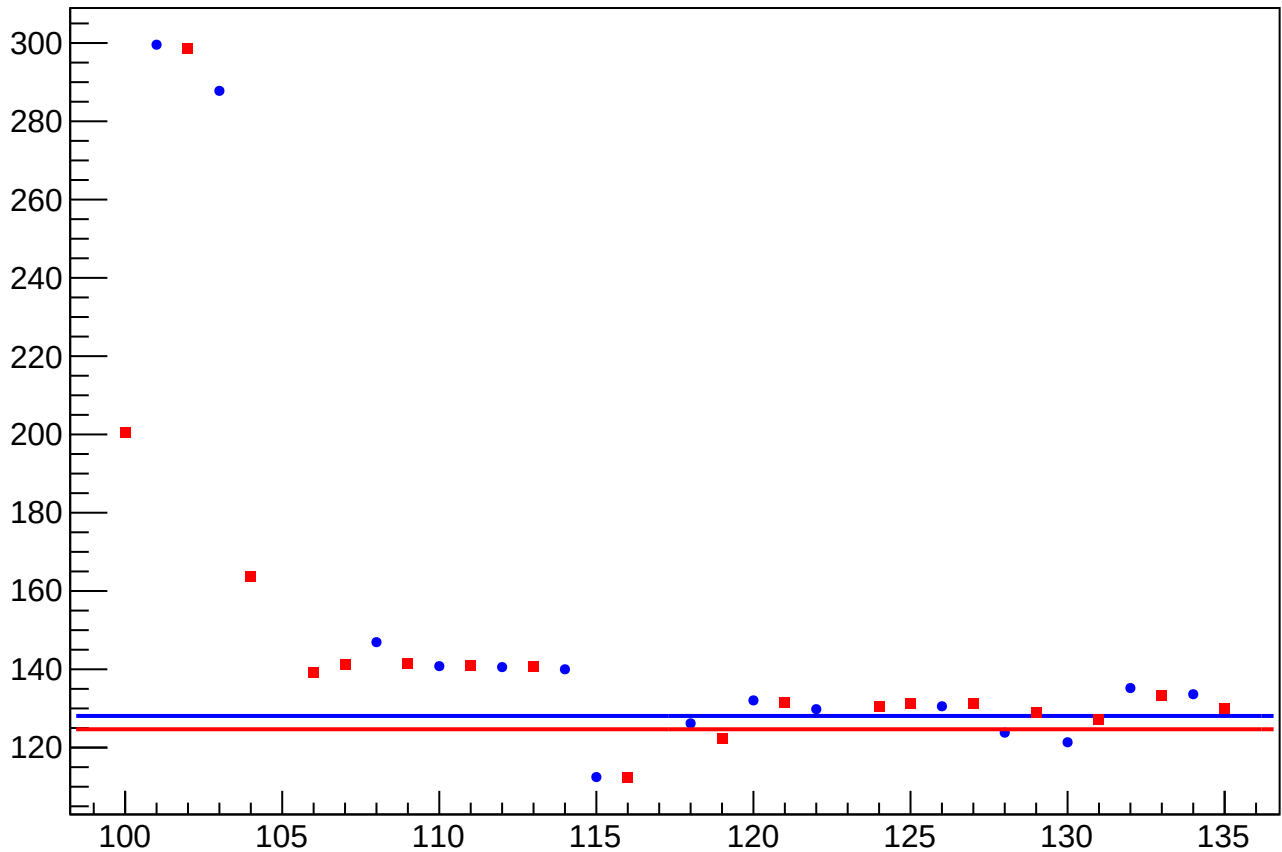
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 17088525.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_mean vs Slug



Right In: 128.085+/-0.000 χ^2/NDF : 1612105124.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

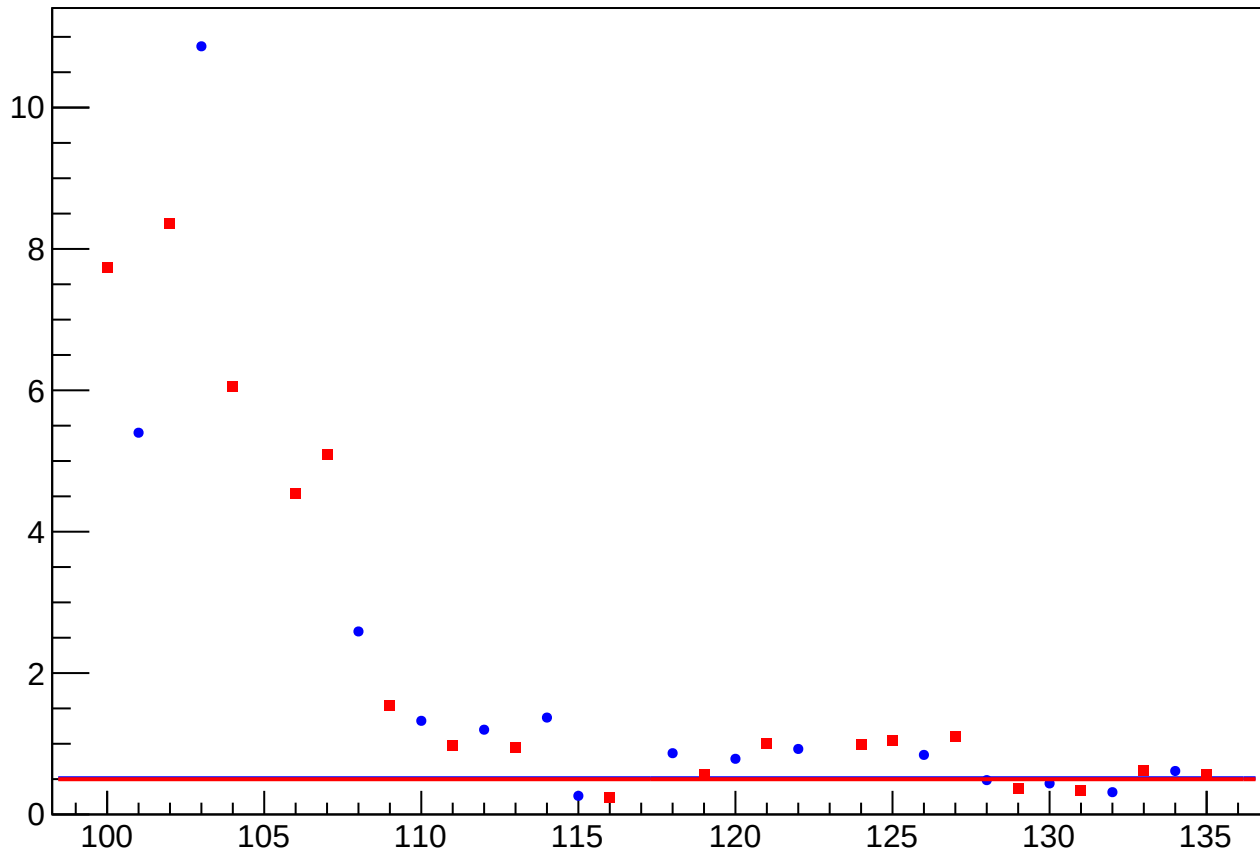
Right Out: 124.679+/-0.000 χ^2/NDF : 1363706144.9/17

All: 126.271+/-0.000 χ^2/NDF : 3049888940.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cQ_rms vs Slug



Right In: 0.512+/-0.000 χ^2/NDF : 4106971.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.498+/-0.000 χ^2/NDF : 4879027.3/17

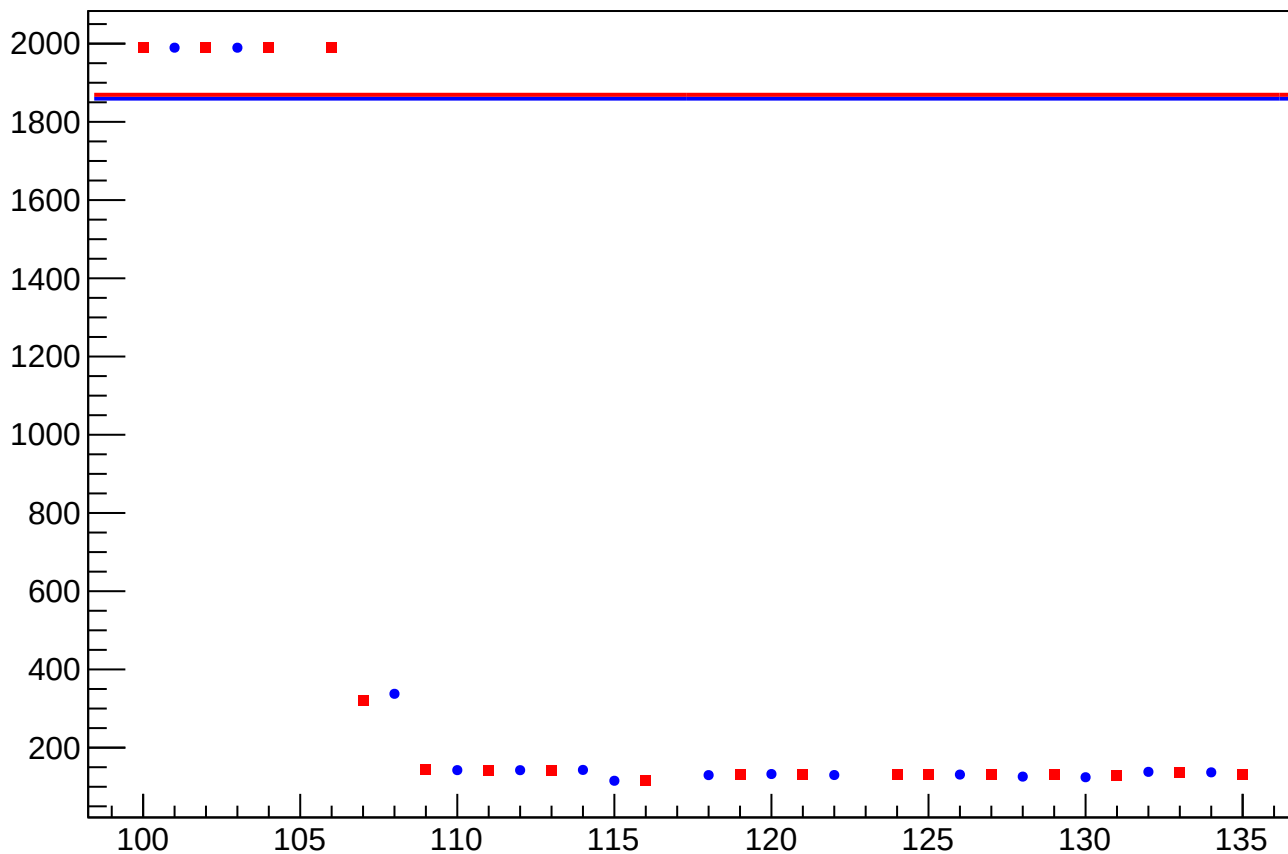
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.505+/-0.000 χ^2/NDF : 8988539.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_mean vs Slug



Right In: 1859.444+/-0.000 χ^2/NDF : 126826654739808.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

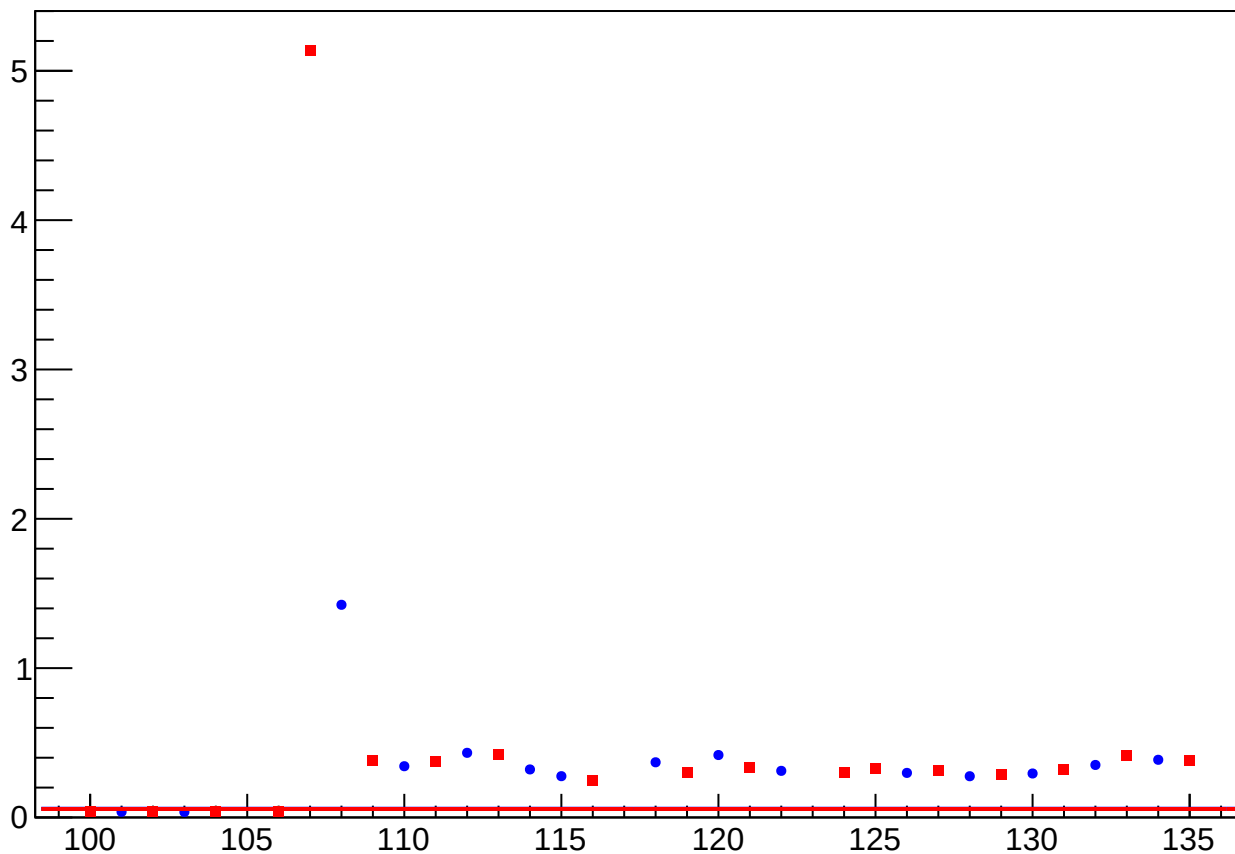
All: 1864.752+/-0.000 χ^2/NDF : 2658430692

Right Out: 1869.255+/-0.000 χ^2/NDF : 138987052570999.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dQ_rms vs Slug



Right In: 0.058+/-0.000 χ^2/NDF : 6982594.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.057+/-0.000 χ^2/NDF : 7451284.2/17

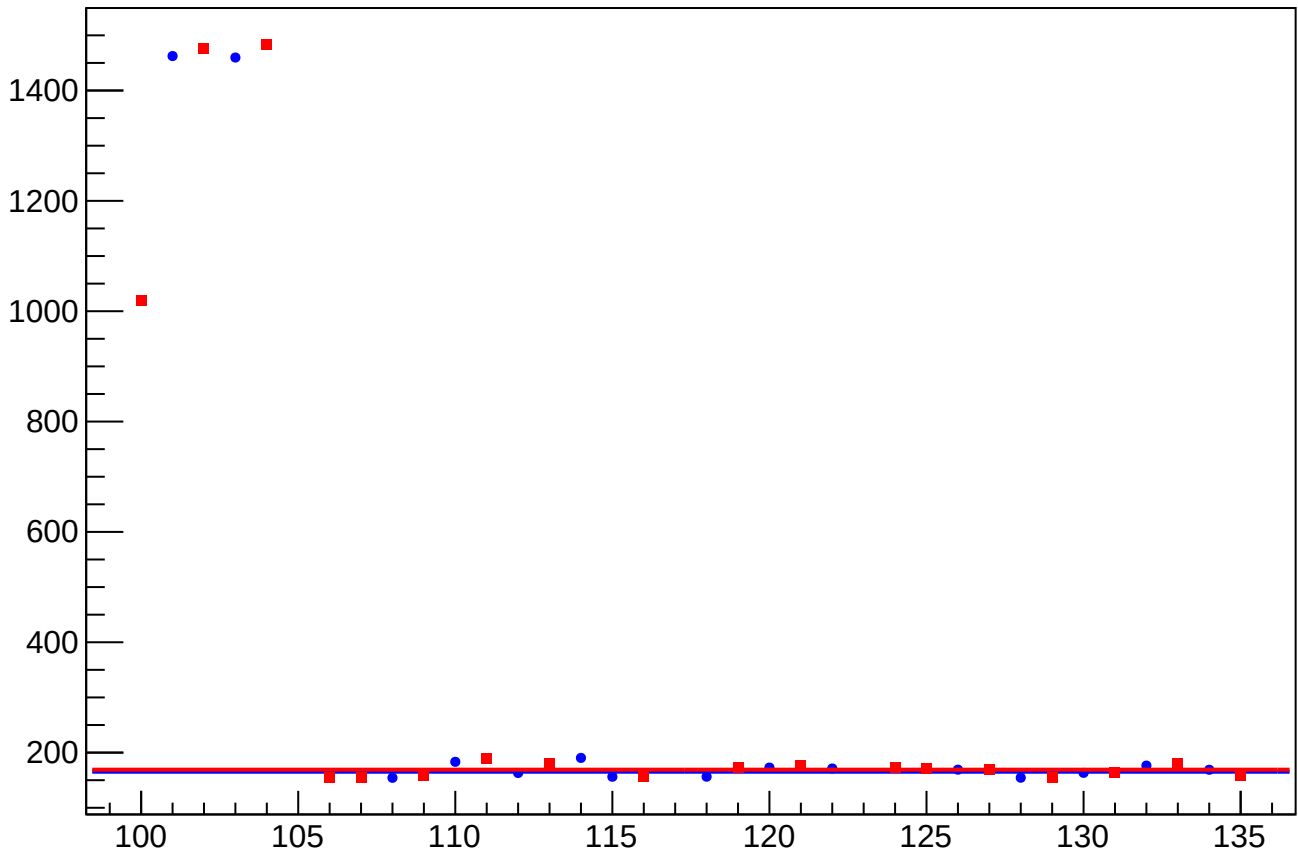
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.057+/-0.000 χ^2/NDF : 14435552.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_mean vs Slug



Right In: 165.375+/-0.000 χ^2/NDF : 14504742671.7/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

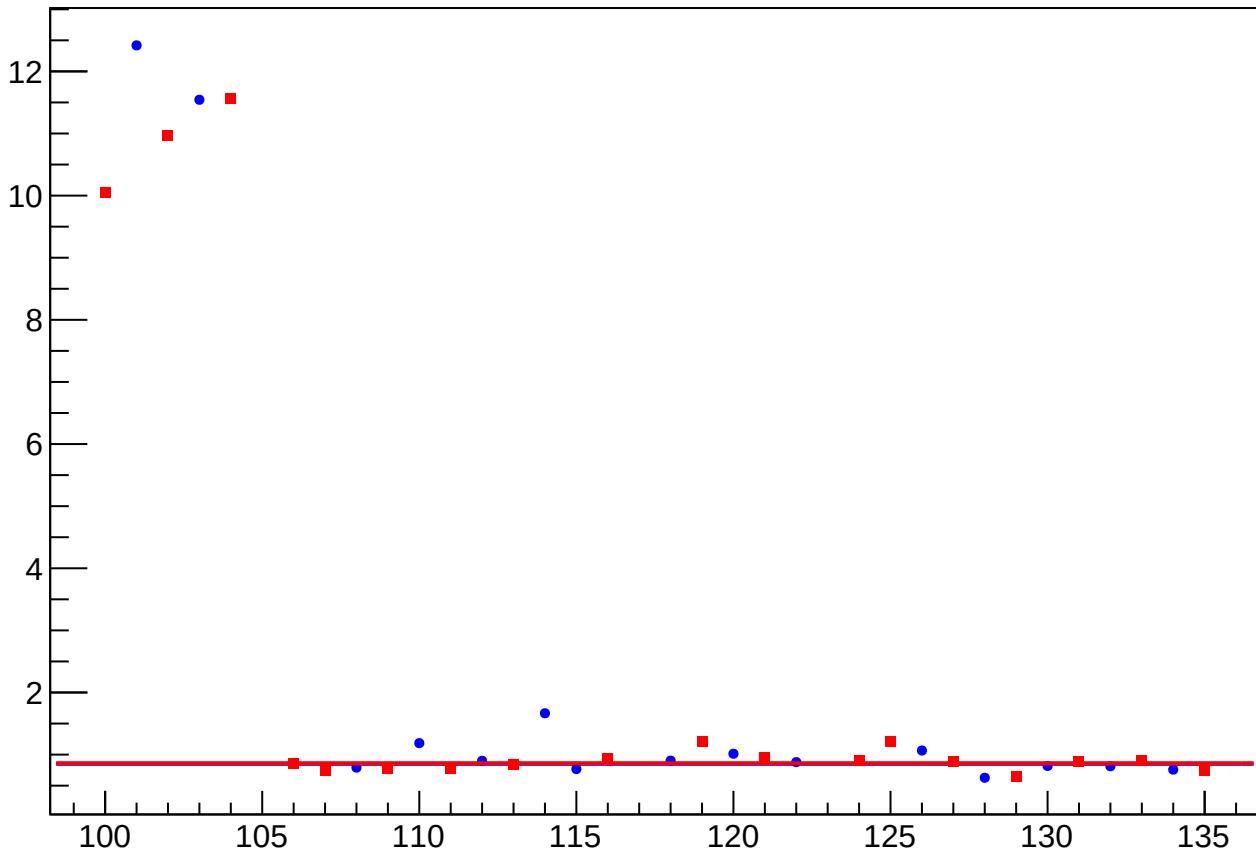
Right Out: 169.073+/-0.000 χ^2/NDF : 16305177722.1/17

All: 167.349+/-0.000 χ^2/NDF : 30844152670.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bcm0l02_rms vs Slug



Right In: 0.853+/-0.000 χ^2/NDF : 2302285.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.860+/-0.000 χ^2/NDF : 2197218.2/17

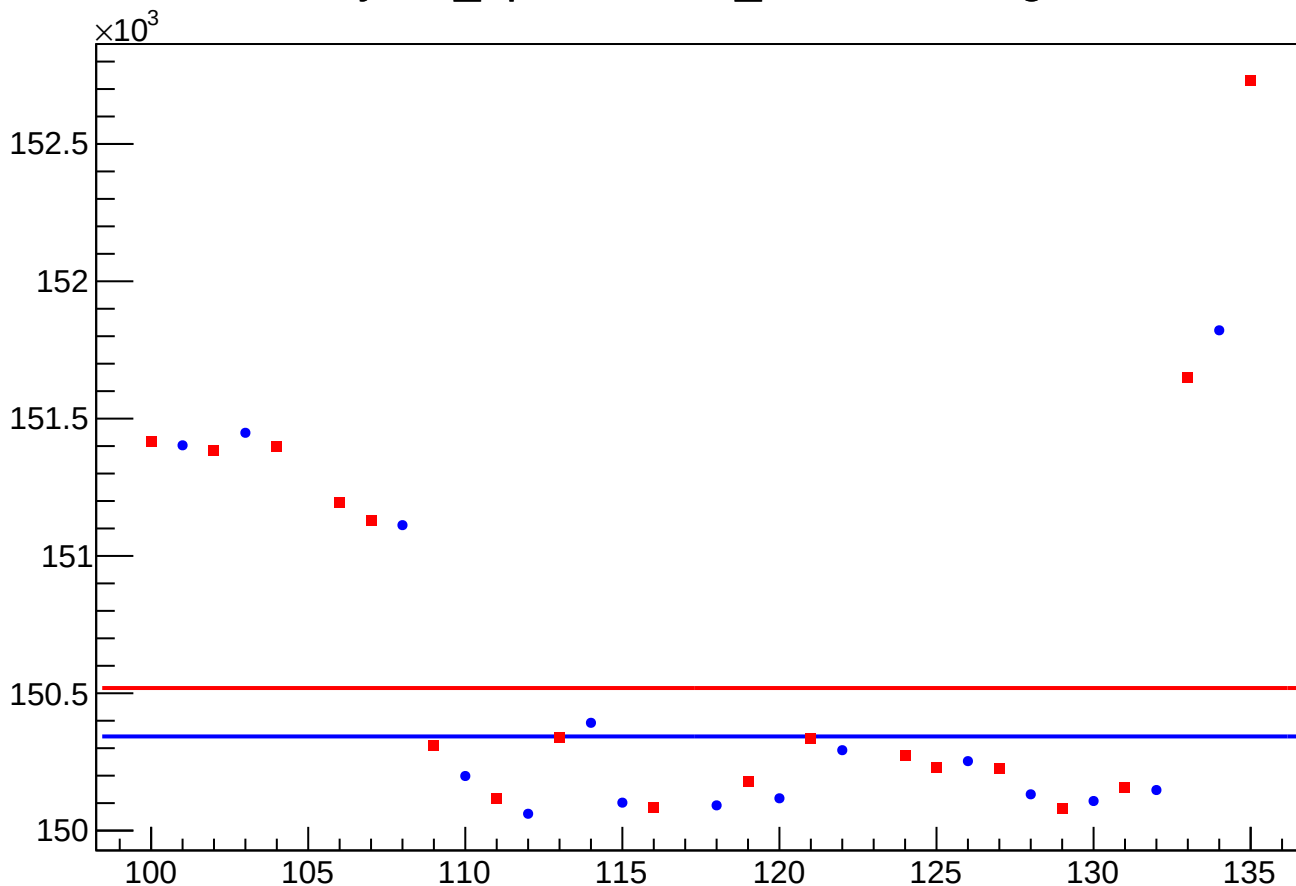
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.857+/-0.000 χ^2/NDF : 4499796.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150342.776 $\pm$ 0.057 χ^2 /NDF: 66639972.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

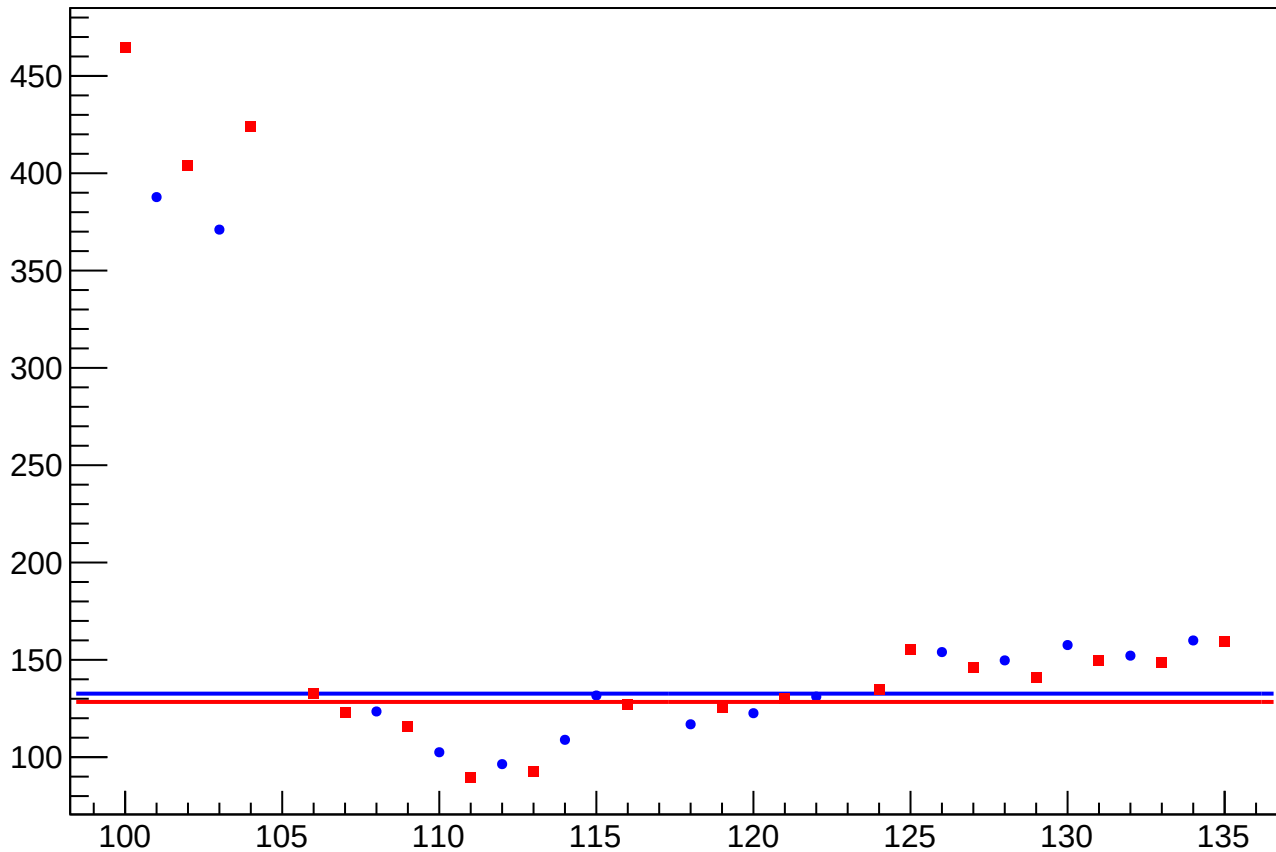
Right Out: 150519.036 $\pm$ 0.051 χ^2 /NDF: 159389939.2/17

All: 150440.341 $\pm$ 0.038 χ^2 /NDF: 231270454

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 132.636+/-0.041 χ^2/NDF : 1345299.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

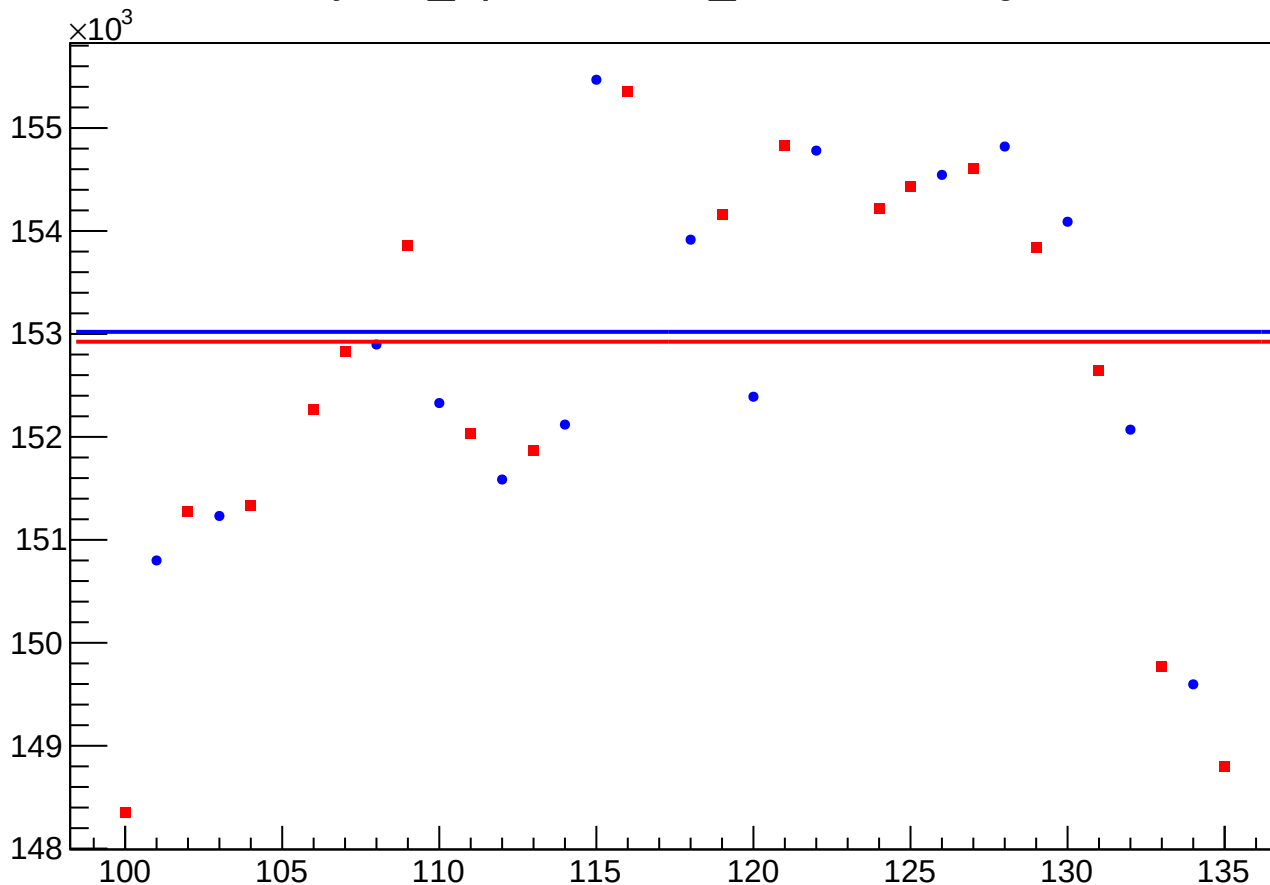
Right Out: 128.369+/-0.036 χ^2/NDF : 1589985.3/17

All: 130.274+/-0.027 χ^2/NDF : 2941427.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153020.351 $\pm$ 0.078 χ^2 /NDF: 390541722.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

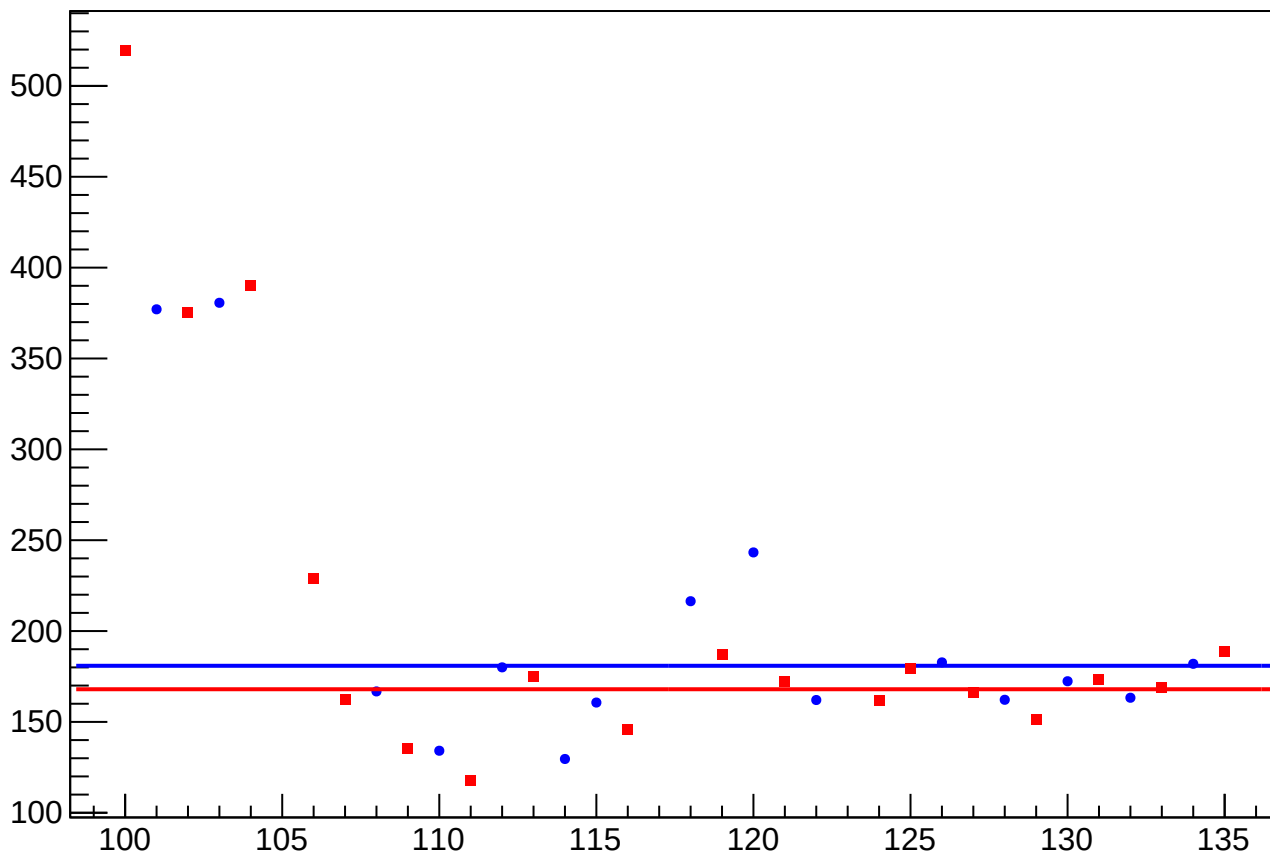
Right Out: 152924.520 $\pm$ 0.068 χ^2 /NDF: 675897537.1/17

All: 152965.463 $\pm$ 0.051 χ^2 /NDF: 106729845

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_rms vs Slug



Right In: 180.887 $\pm$ 0.055 χ^2 /NDF: 907751.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.979 $\pm$ 0.048 χ^2 /NDF: 1086859.5/17

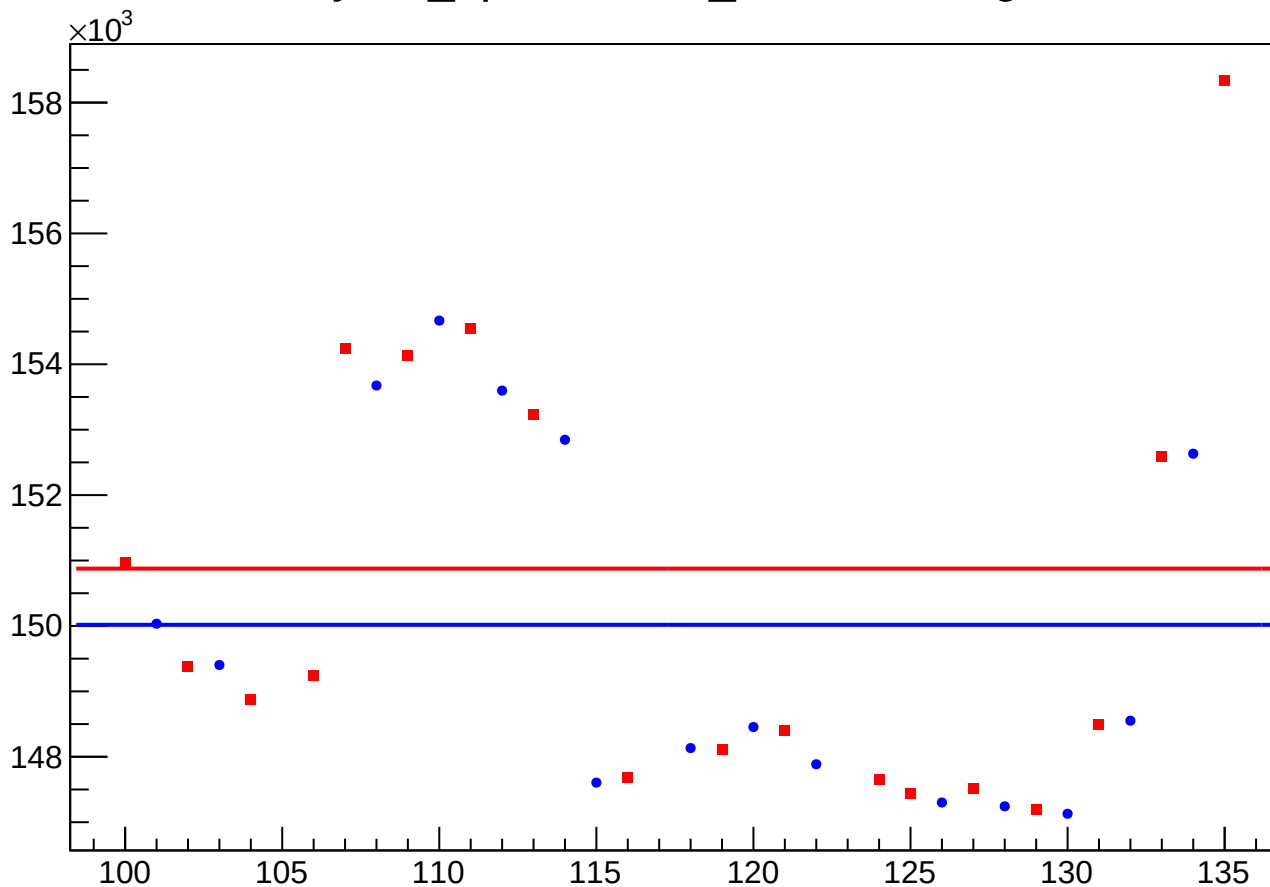
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 173.494 $\pm$ 0.036 χ^2 /NDF: 2025788.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_mean vs Slug



Right In: 150017.181 $\pm$ 0.066 χ^2 /NDF: 1885975297.9/14

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

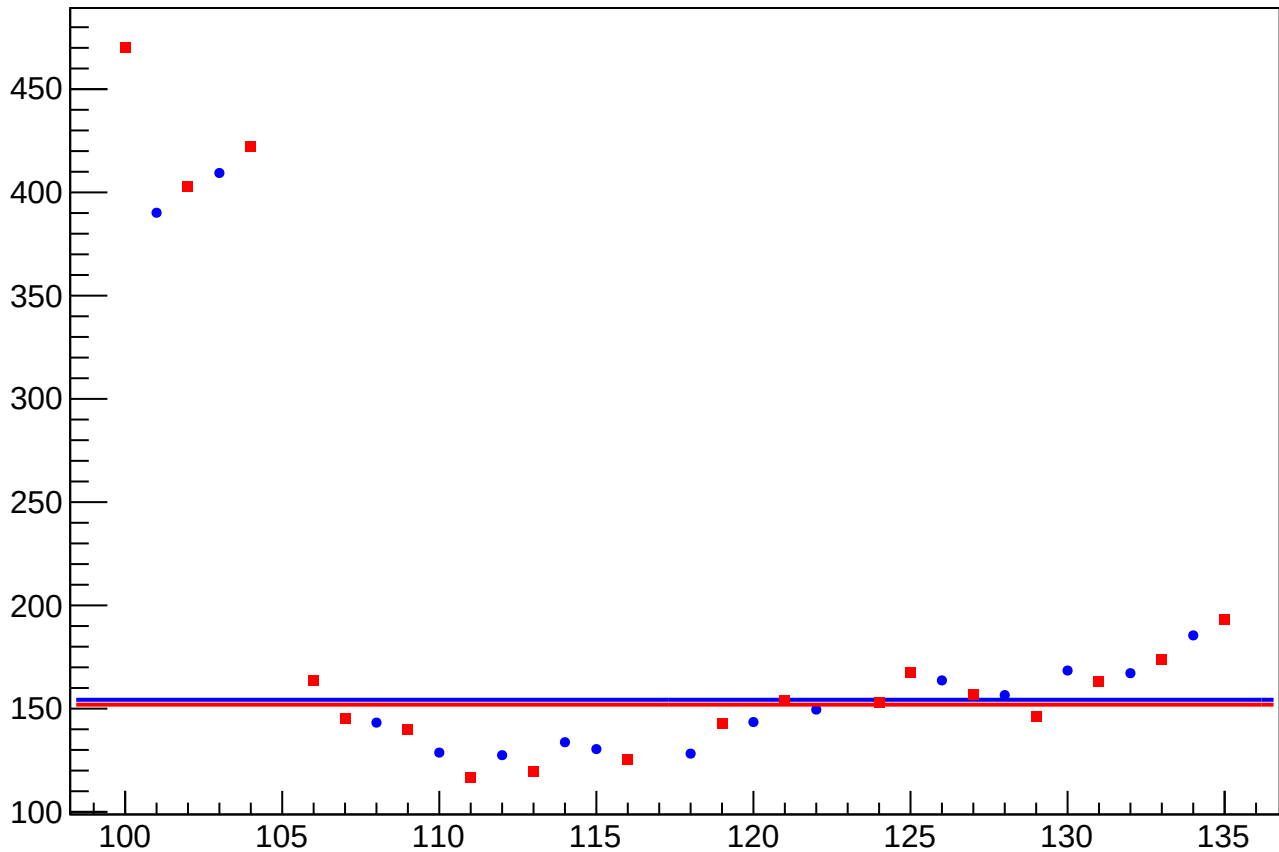
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 150481.908 $\pm$ 0.045 χ^2 /NDF: 495176714

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01WS_rms vs Slug



Right In: 154.300+/-0.046 χ^2/NDF : 1115406.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

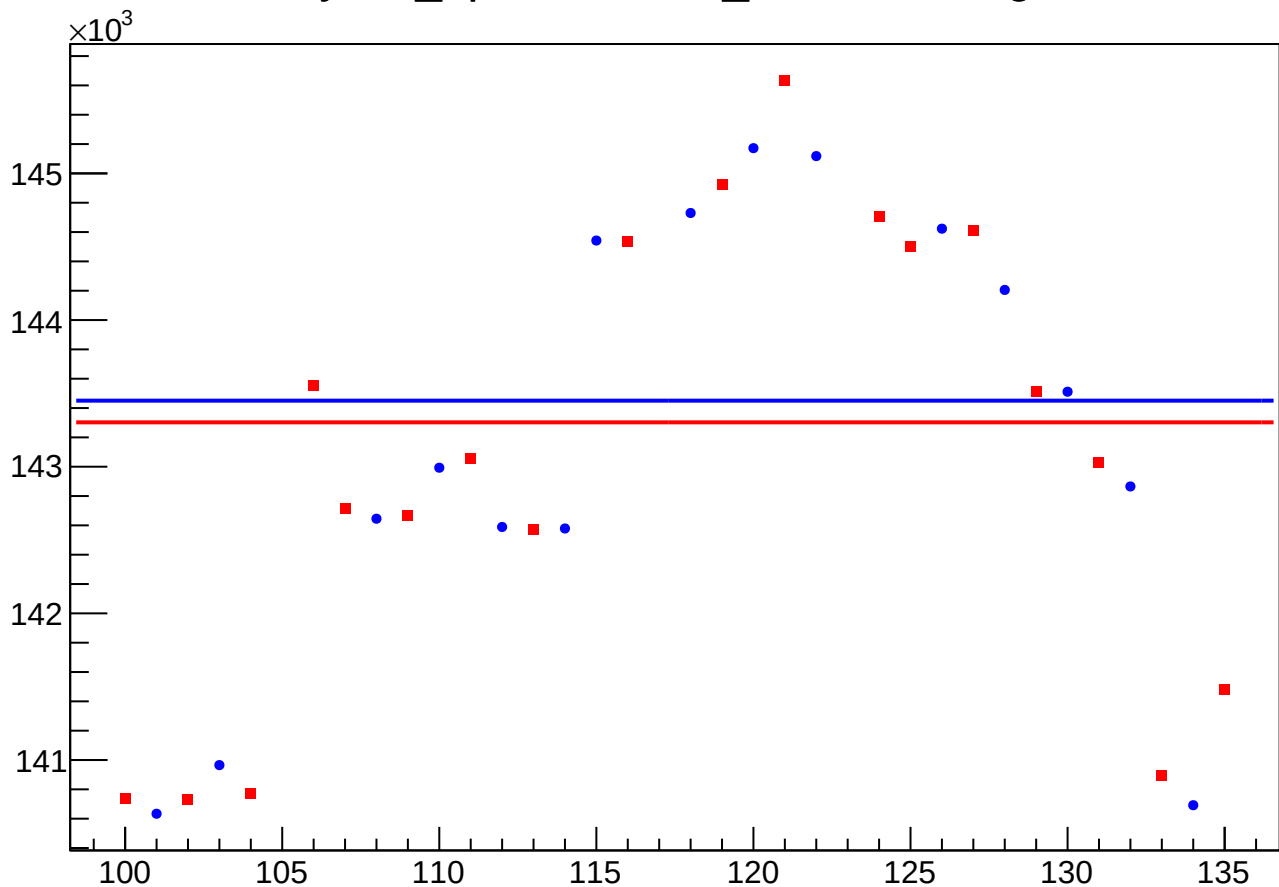
Right Out: 151.940+/-0.043 χ^2/NDF : 1239014.4/17

All: 153.024+/-0.032 χ^2/NDF : 2355814.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aWS_mean vs Slug



Right In: 143450.404 $\pm$ 0.056 χ^2 /NDF: 499754843.4/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

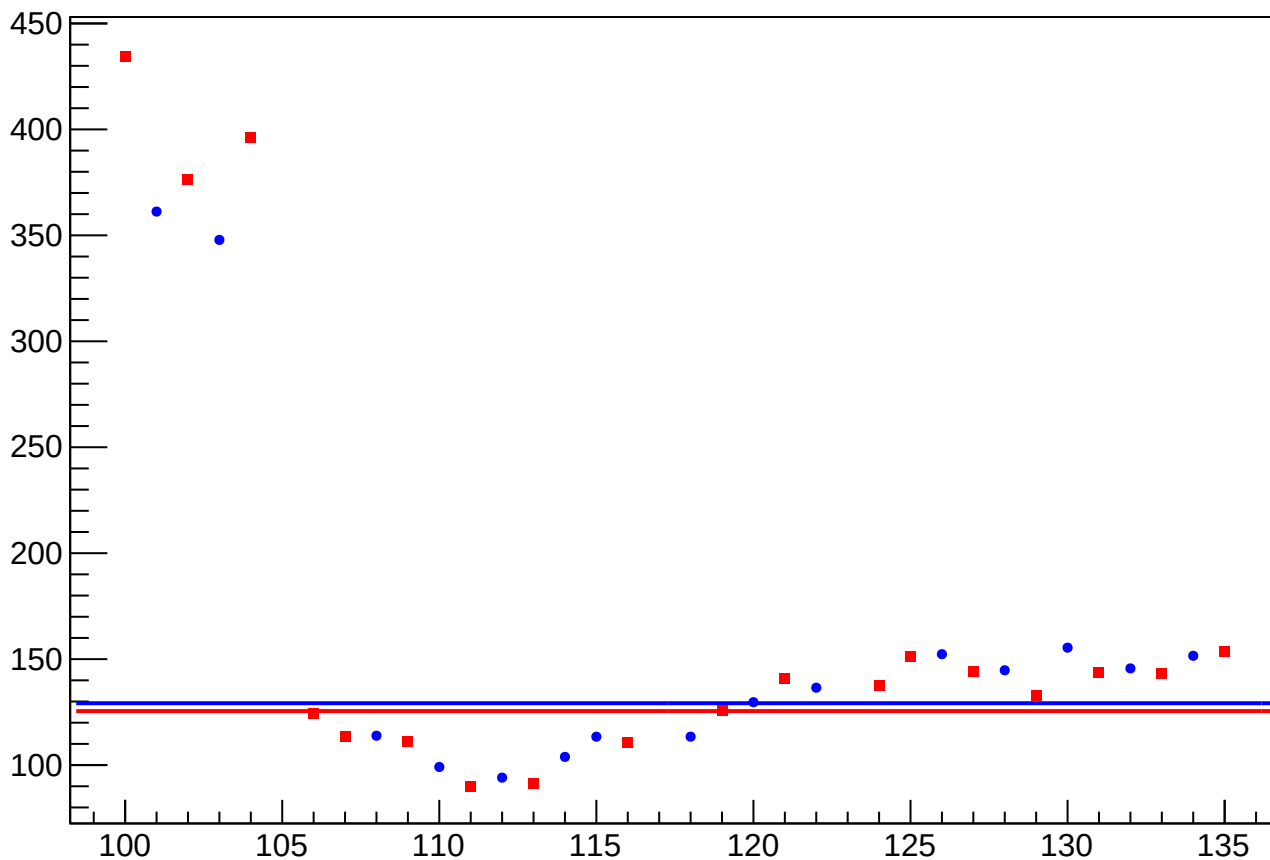
Right Out: 143302.468 $\pm$ 0.050 χ^2 /NDF: 615394364.7/17

All: 143368.659 $\pm$ 0.037 χ^2 /NDF: 111903850

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aWS_rms vs Slug



Right In: 129.196 $\pm$ 0.039 χ^2 /NDF: 1316151.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

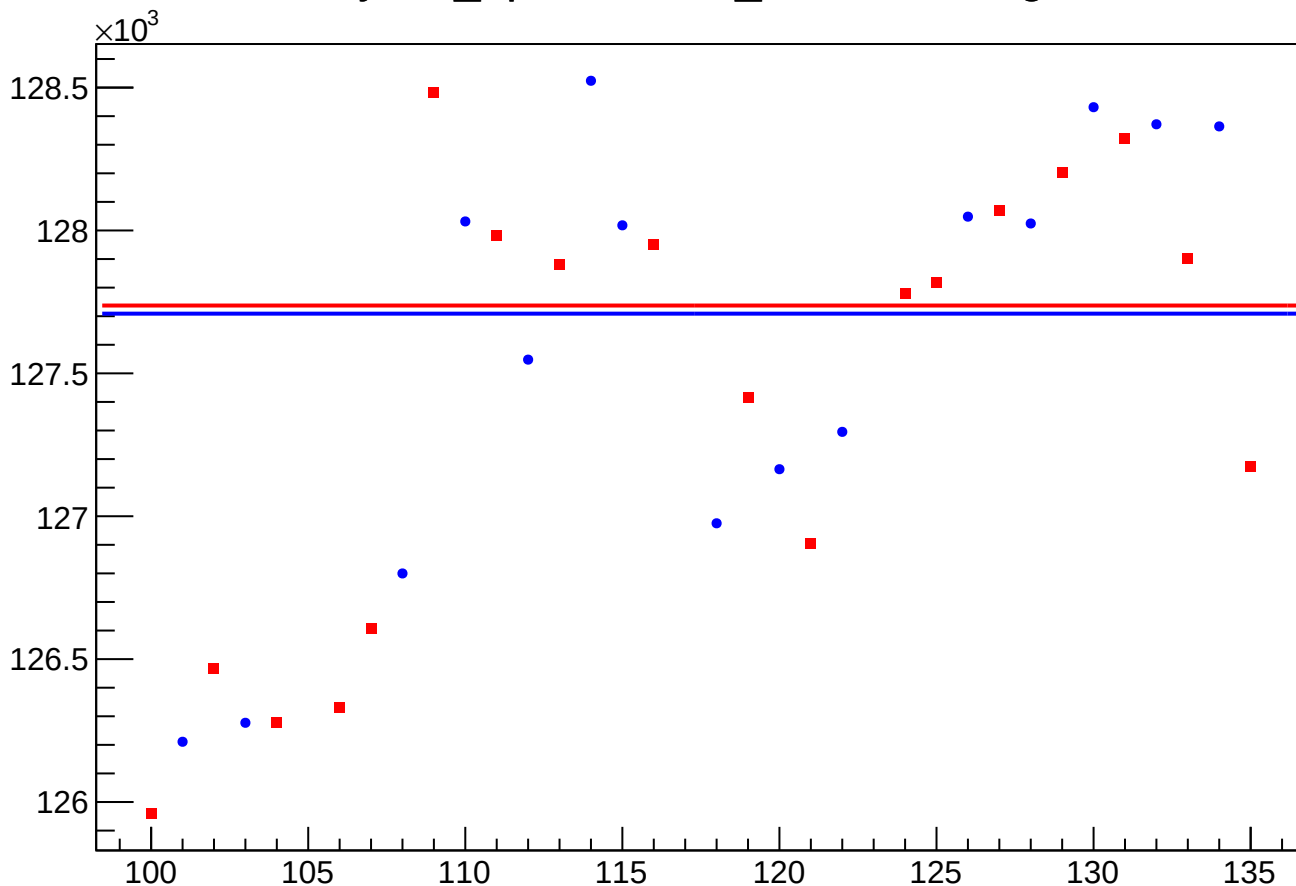
Right Out: 125.482 $\pm$ 0.035 χ^2 /NDF: 1523597.4/17

All: 127.144 $\pm$ 0.026 χ^2 /NDF: 2844652.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_mean vs Slug



Right In: 127708.918 $\pm$ 0.063 χ^2 /NDF: 104440679.9/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

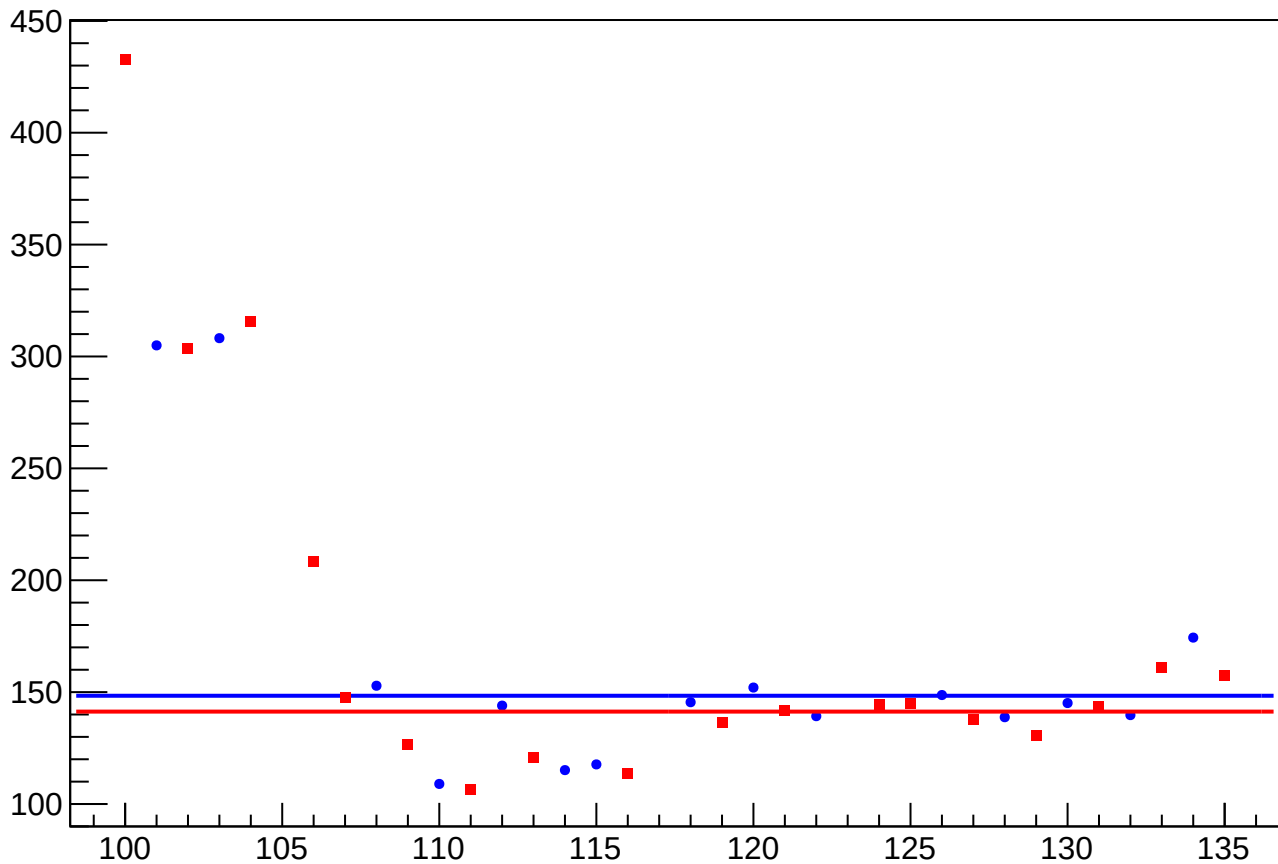
All: 127724.817 $\pm$ 0.042 χ^2 /NDF: 213927764

Right Out: 127737.352 $\pm$ 0.056 χ^2 /NDF: 109371987.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01WS_rms vs Slug



Right In: 148.379+/-0.044 χ^2/NDF : 827523.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 141.299+/-0.039 χ^2/NDF : 999509.4/17

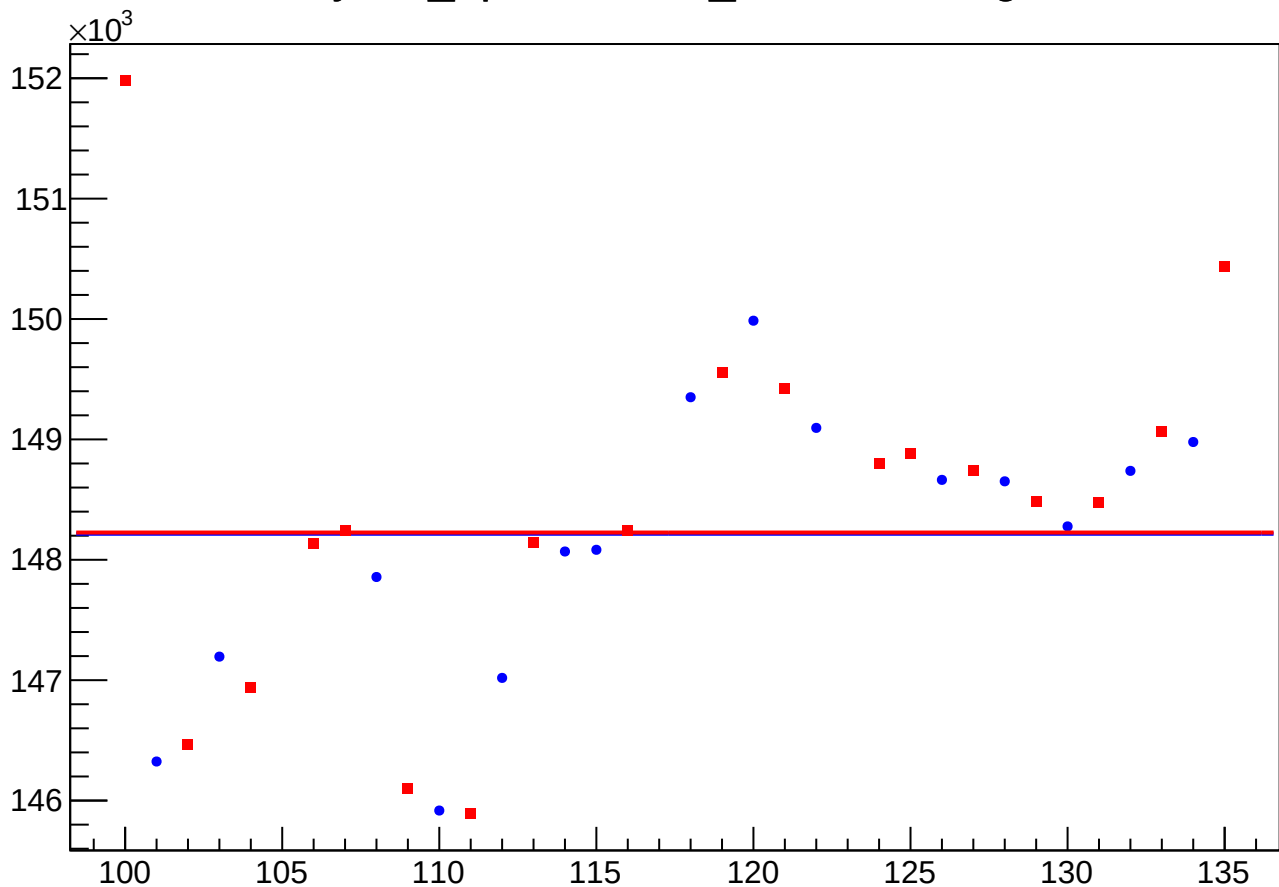
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 144.420+/-0.029 χ^2/NDF : 1841303.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02WS_mean vs Slug



Right In: 148216.070 $\pm$ 0.088 χ^2 /NDF: 120359738.0/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

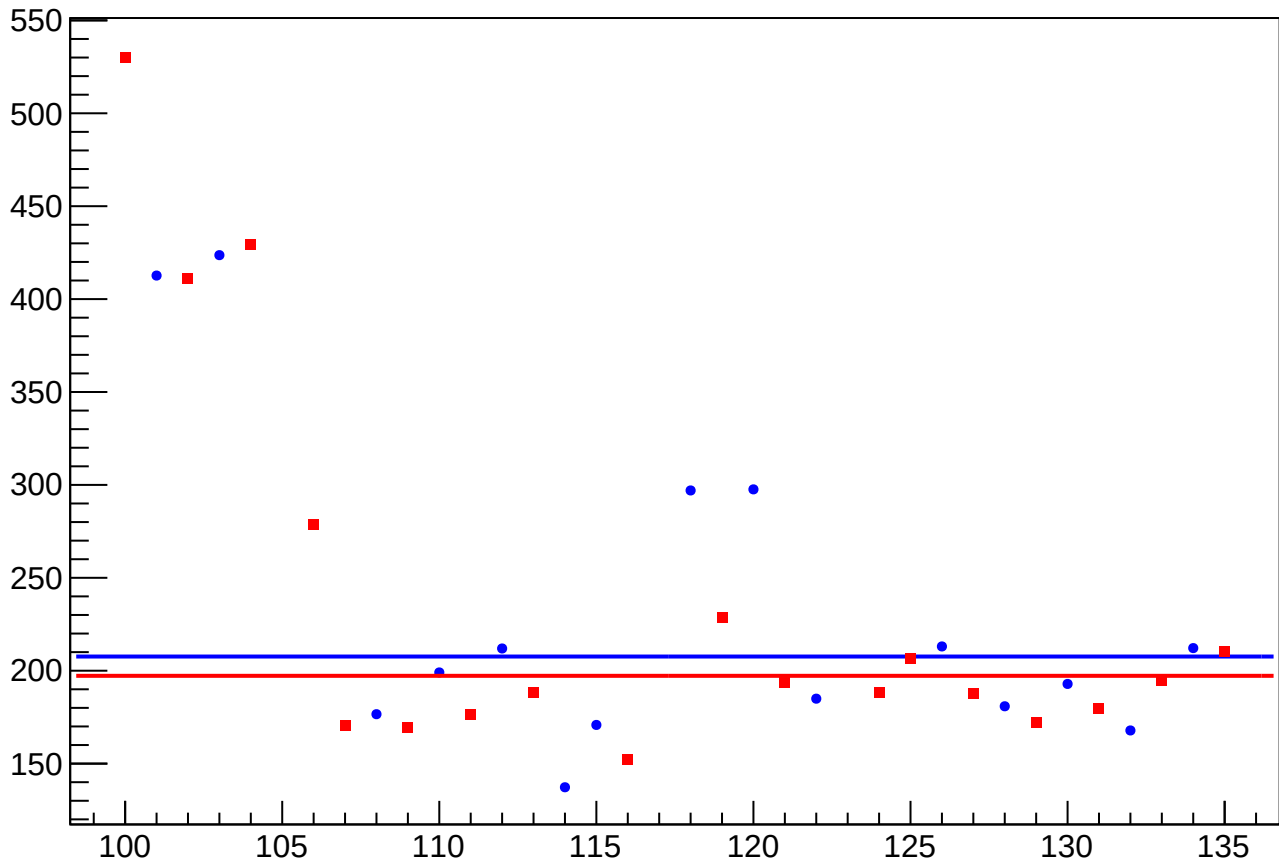
All: 148221.924 $\pm$ 0.058 χ^2 /NDF: 395694192

Right Out: 148226.443 $\pm$ 0.078 χ^2 /NDF: 275326676.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l02WS_rms vs Slug



Right In: 207.633+/-0.062 χ^2/NDF : 971762.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 197.250+/-0.055 χ^2/NDF : 902709.1/17

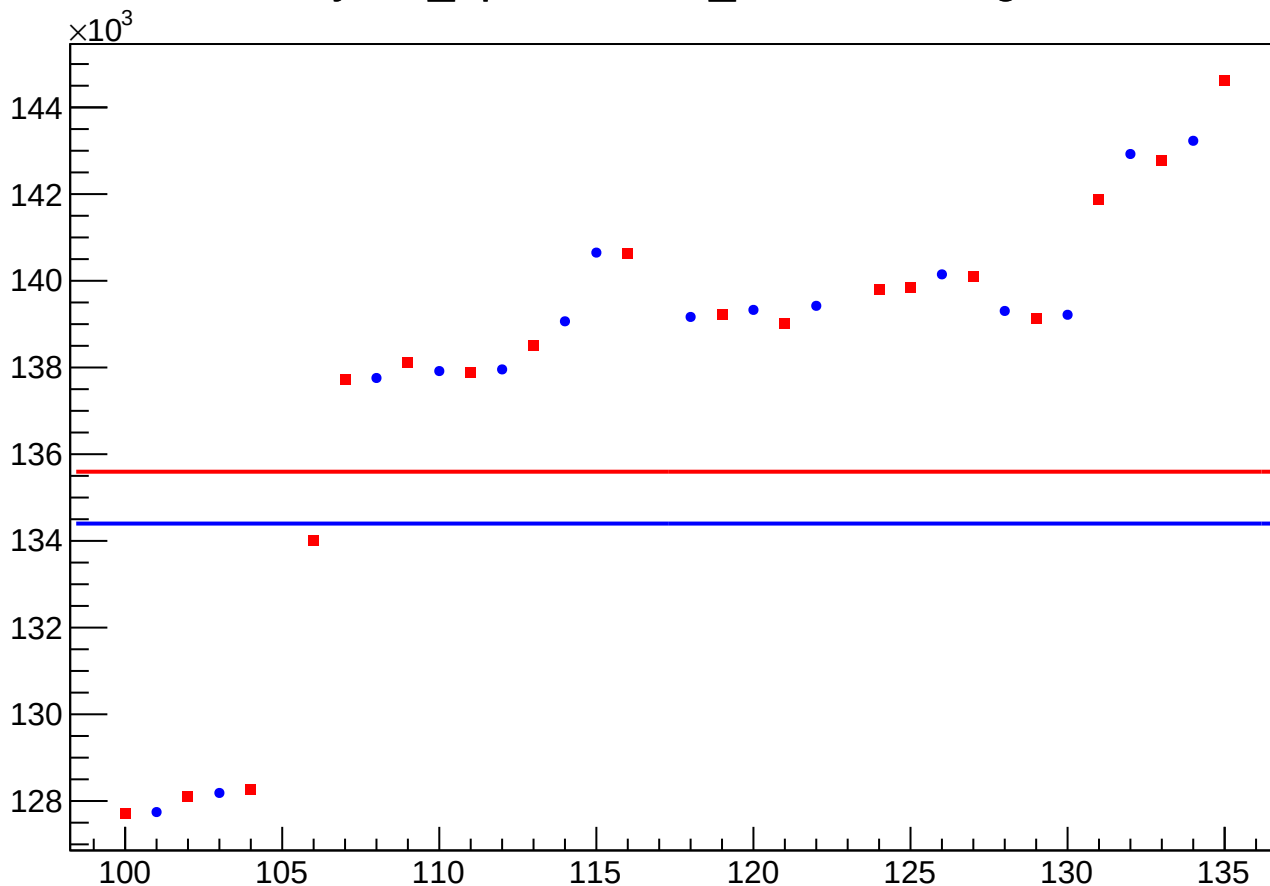
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.774+/-0.041 χ^2/NDF : 1890056.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03WS_mean vs Slug



Right In: 134399.851 $\pm$ 0.187 χ^2 /NDF: 967770654.1/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

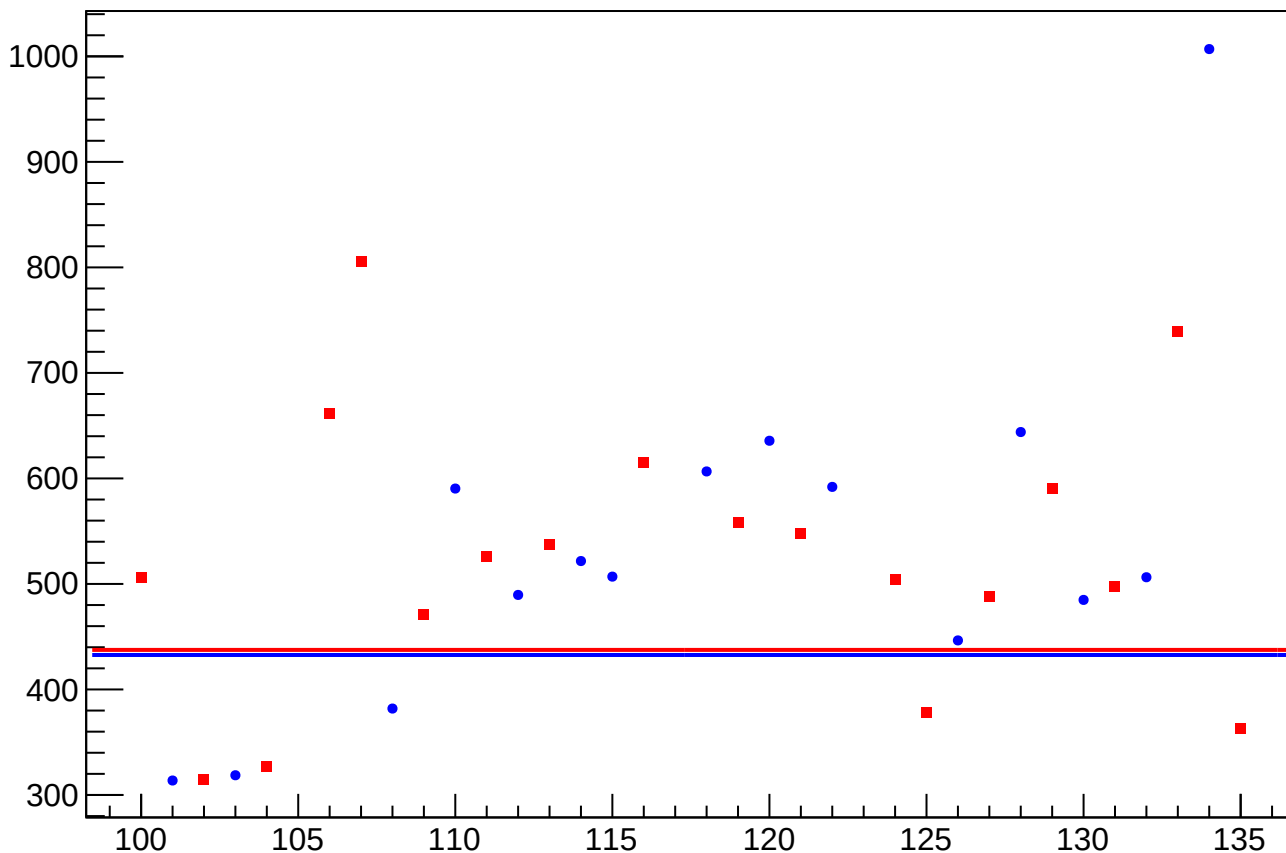
All: 135027.890 $\pm$ 0.129 χ^2 /NDF: 212157294

Right Out: 135596.188 $\pm$ 0.178 χ^2 /NDF: 1132353208.5/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03WS_rms vs Slug



Right In: 432.671+/-0.132 χ^2/NDF : 942897.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 437.482+/-0.126 χ^2/NDF : 879888.7/17

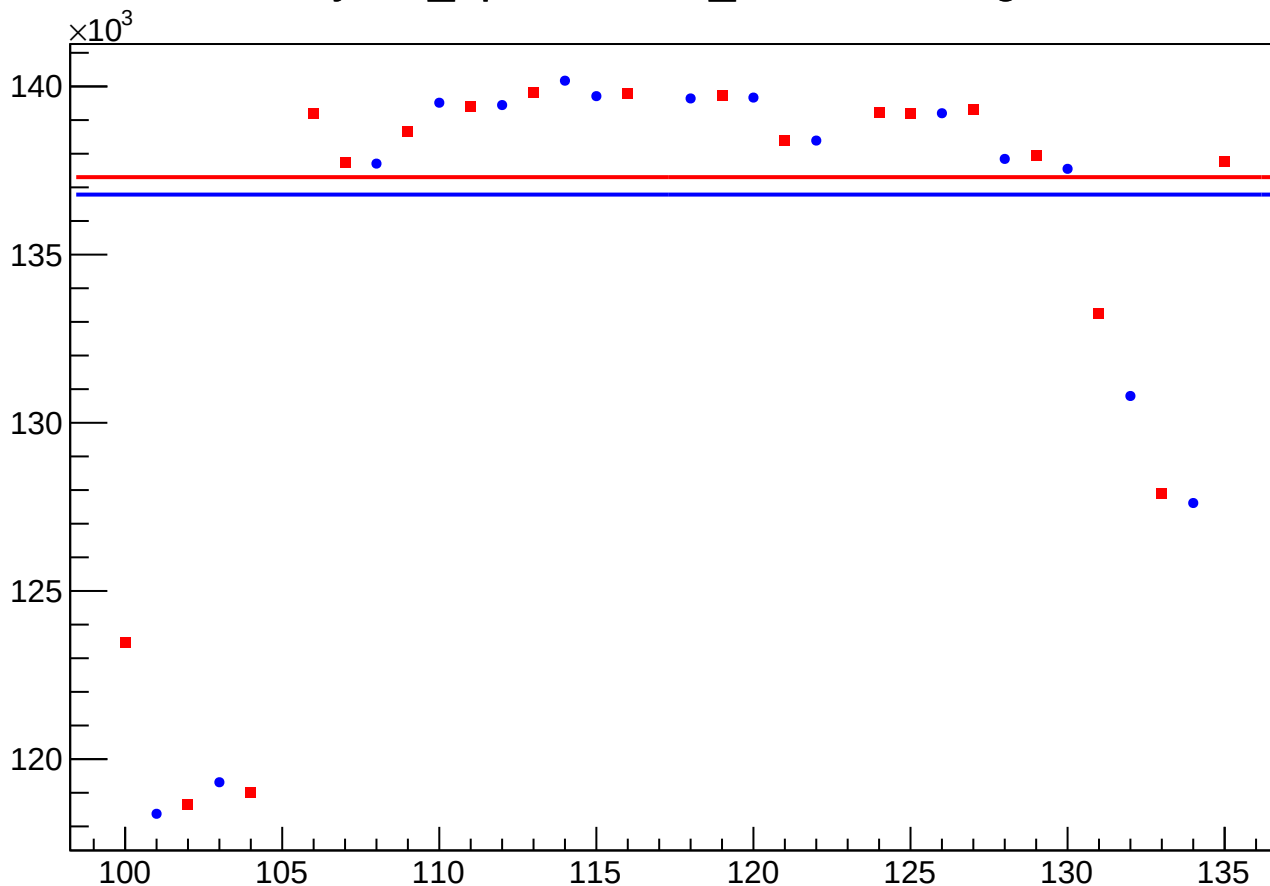
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 435.197+/-0.091 χ^2/NDF : 1823479.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04WS_mean vs Slug



Right In: 136784.978 $\pm$ 0.073 χ^2 /NDF: 5737732940.3/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

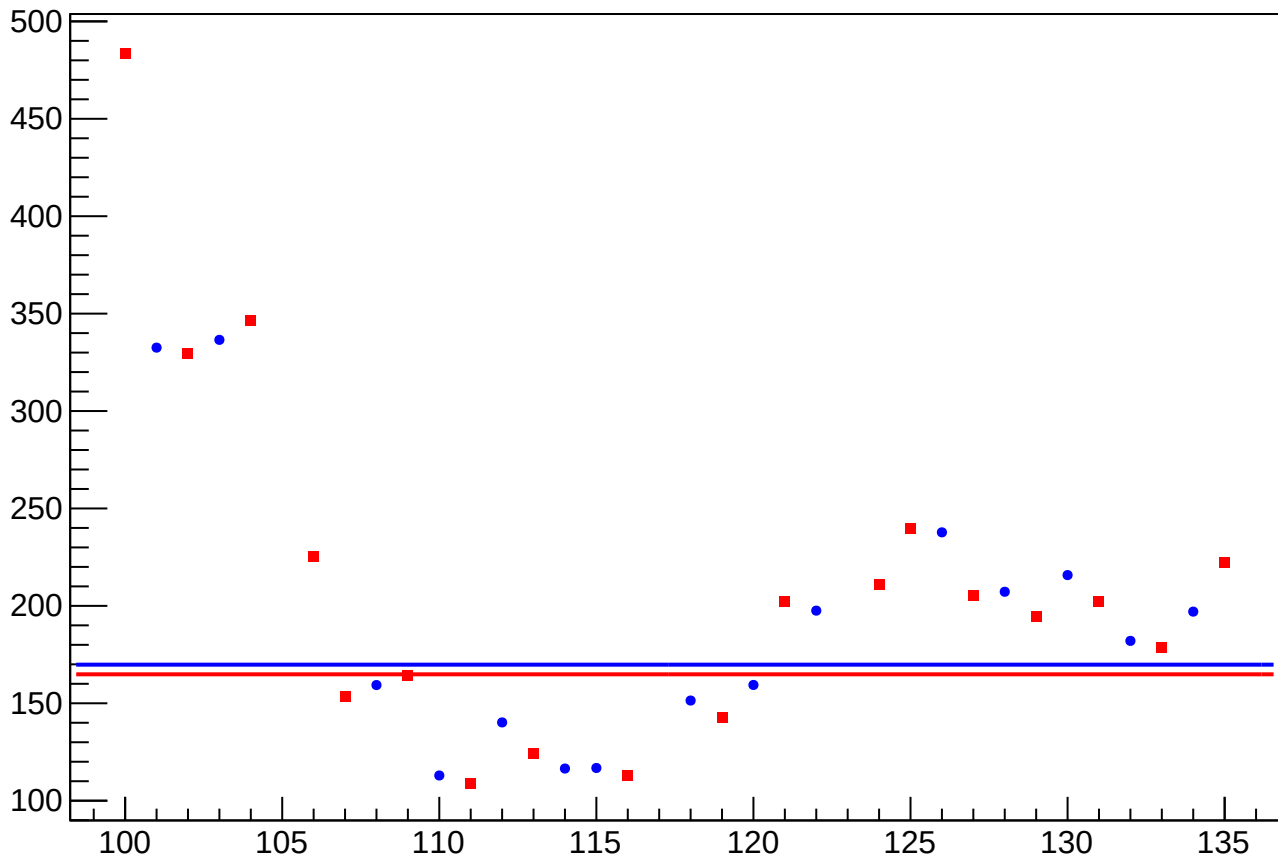
All: 137069.295 $\pm$ 0.049 χ^2 /NDF: 11495896.0

Right Out: 137303.506 $\pm$ 0.066 χ^2 /NDF: 5730474325.8/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l04WS_rms vs Slug



Right In: 169.816+/-0.052 χ^2/NDF : 1113465.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

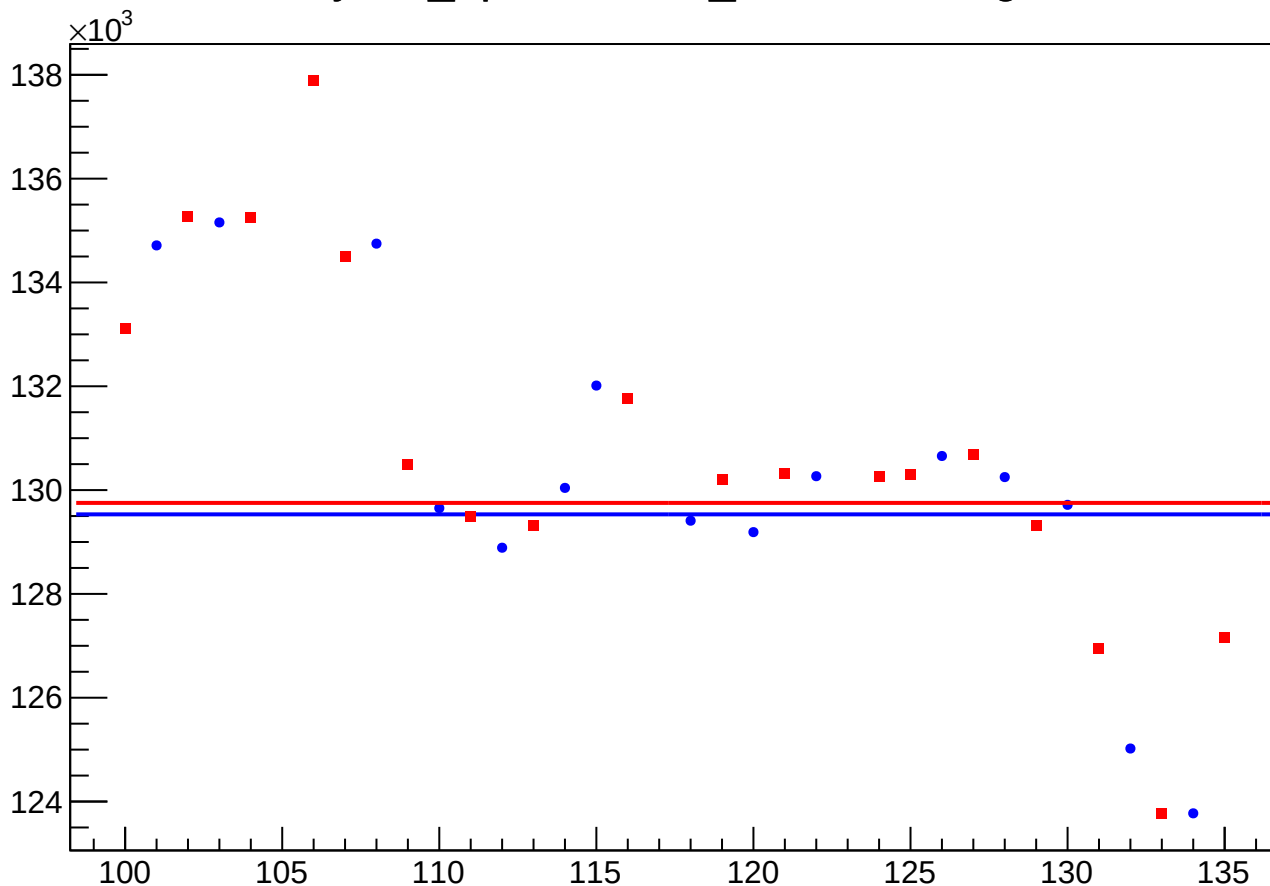
Right Out: 164.867+/-0.047 χ^2/NDF : 1412037.6/17

All: 167.103+/-0.035 χ^2/NDF : 2530548.1/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05WS_mean vs Slug



Right In: 129532.414 $\pm$ 0.071 χ^2 /NDF: 1572341605.4/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

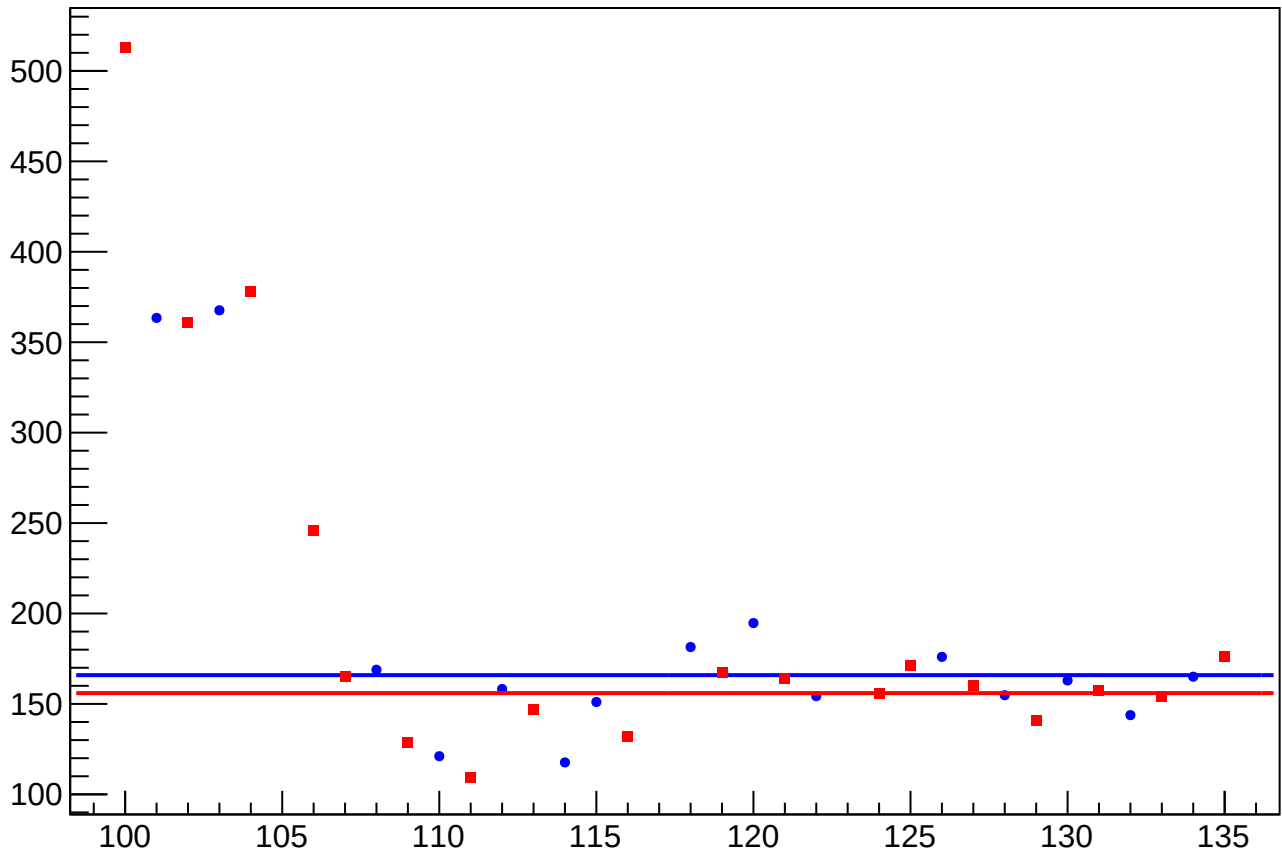
All: 129657.067 $\pm$ 0.047 χ^2 /NDF: 333051079

Right Out: 129753.013 $\pm$ 0.062 χ^2 /NDF: 1752727194.8/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l05WS_rms vs Slug



Right In: 165.910 $\pm$ 0.050 χ^2 /NDF: 937488.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 155.974 $\pm$ 0.044 χ^2 /NDF: 1170292.2/17

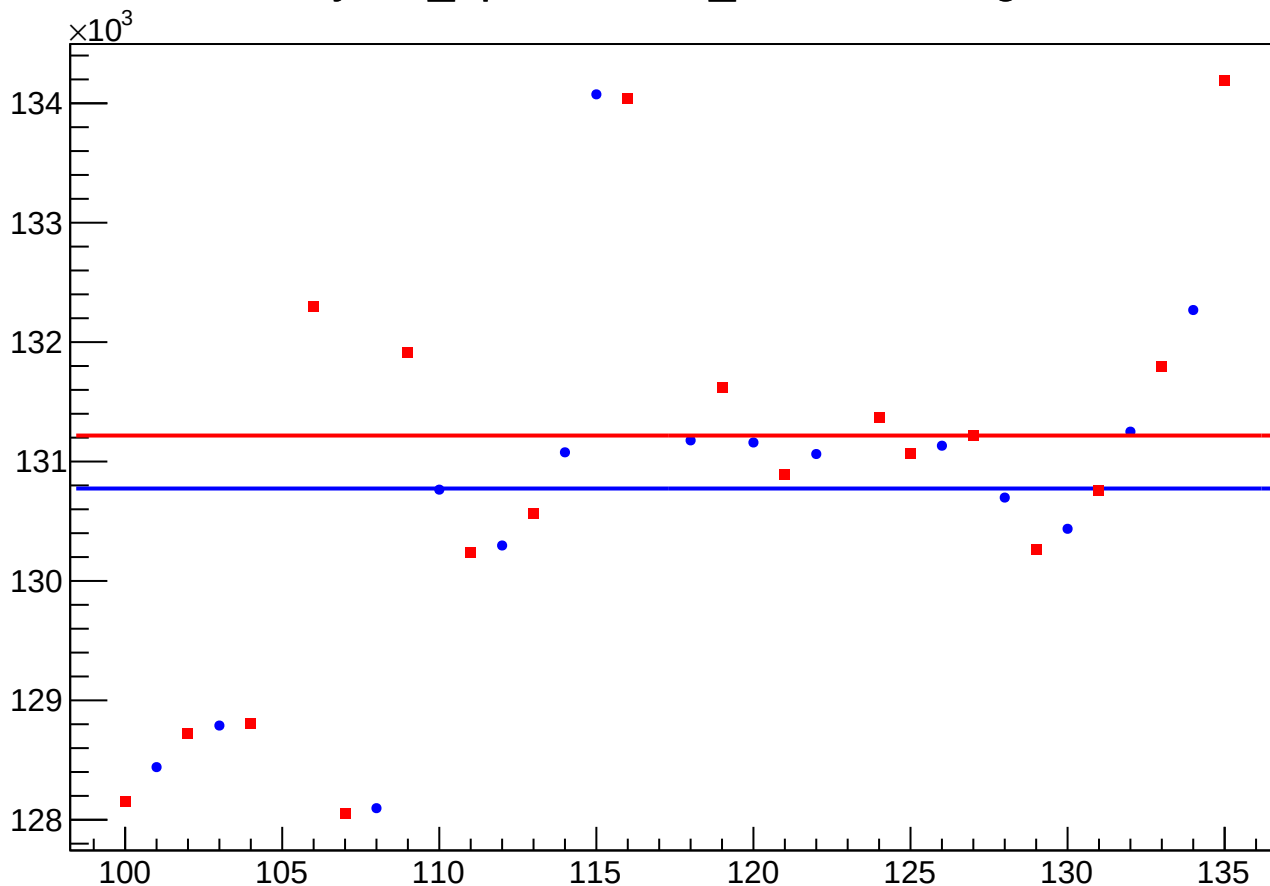
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 160.296 $\pm$ 0.033 χ^2 /NDF: 2129859.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_mean vs Slug



Right In: 130774.066 $\pm$ 0.064 χ^2 /NDF: 340704472.3/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

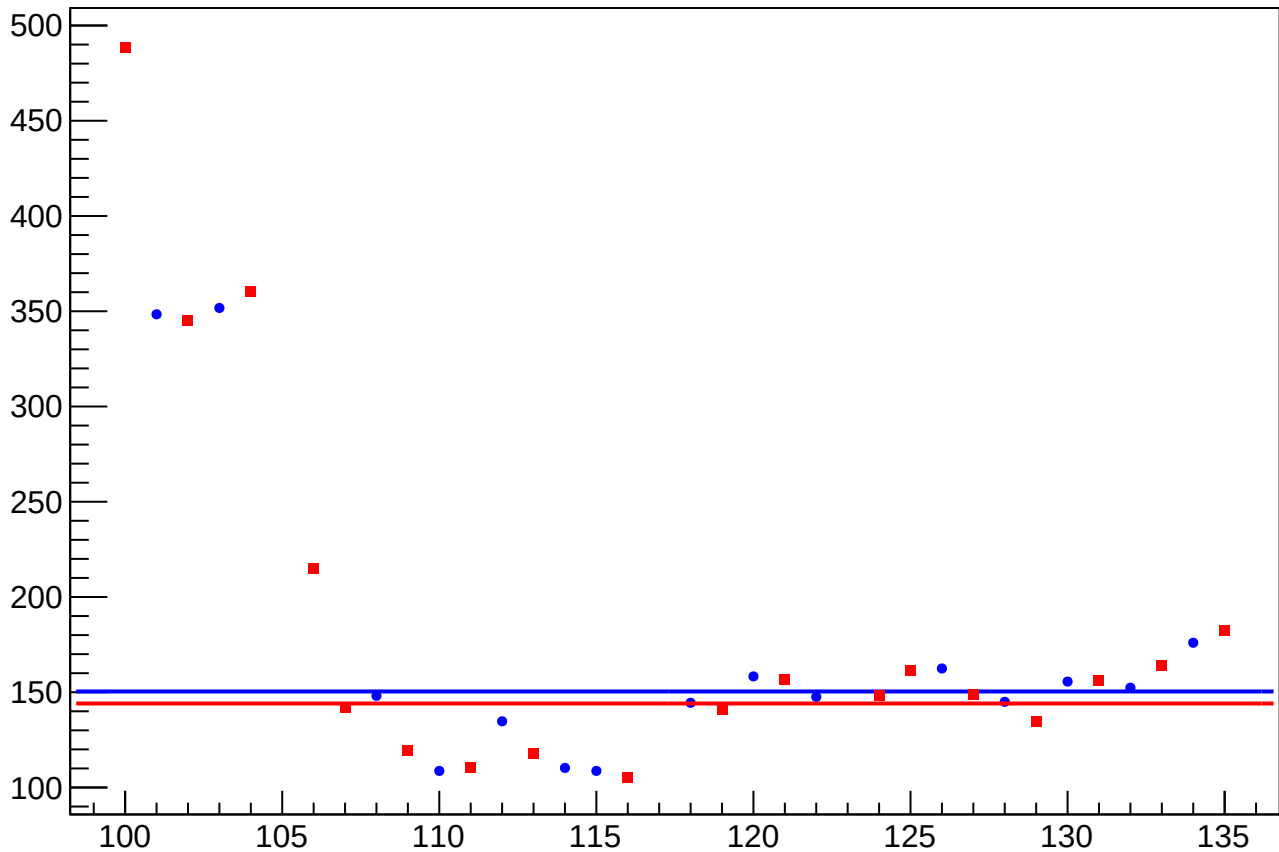
Right Out: 131217.701 $\pm$ 0.057 χ^2 /NDF: 575751676.1/17

All: 131020.535 $\pm$ 0.043 χ^2 /NDF: 943120896.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06WS_rms vs Slug



Right In: 150.412 $\pm$ 0.045 χ^2 /NDF: 1026778.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

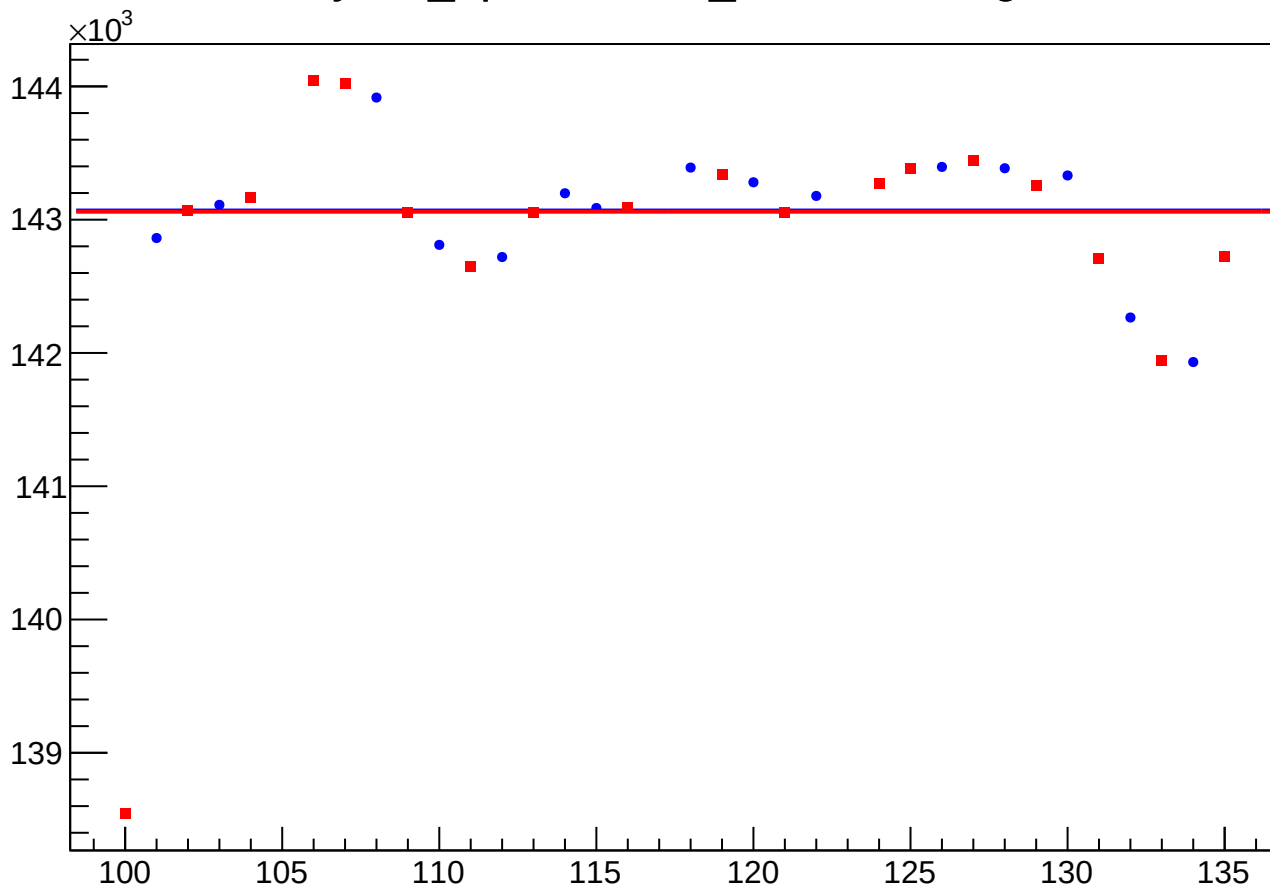
Right Out: 144.085 $\pm$ 0.040 χ^2 /NDF: 1251432.6/17

All: 146.897 $\pm$ 0.030 χ^2 /NDF: 2289058.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_mean vs Slug



Right In: 143068.584 $\pm$ 0.069 χ^2 /NDF: 46102671.4/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

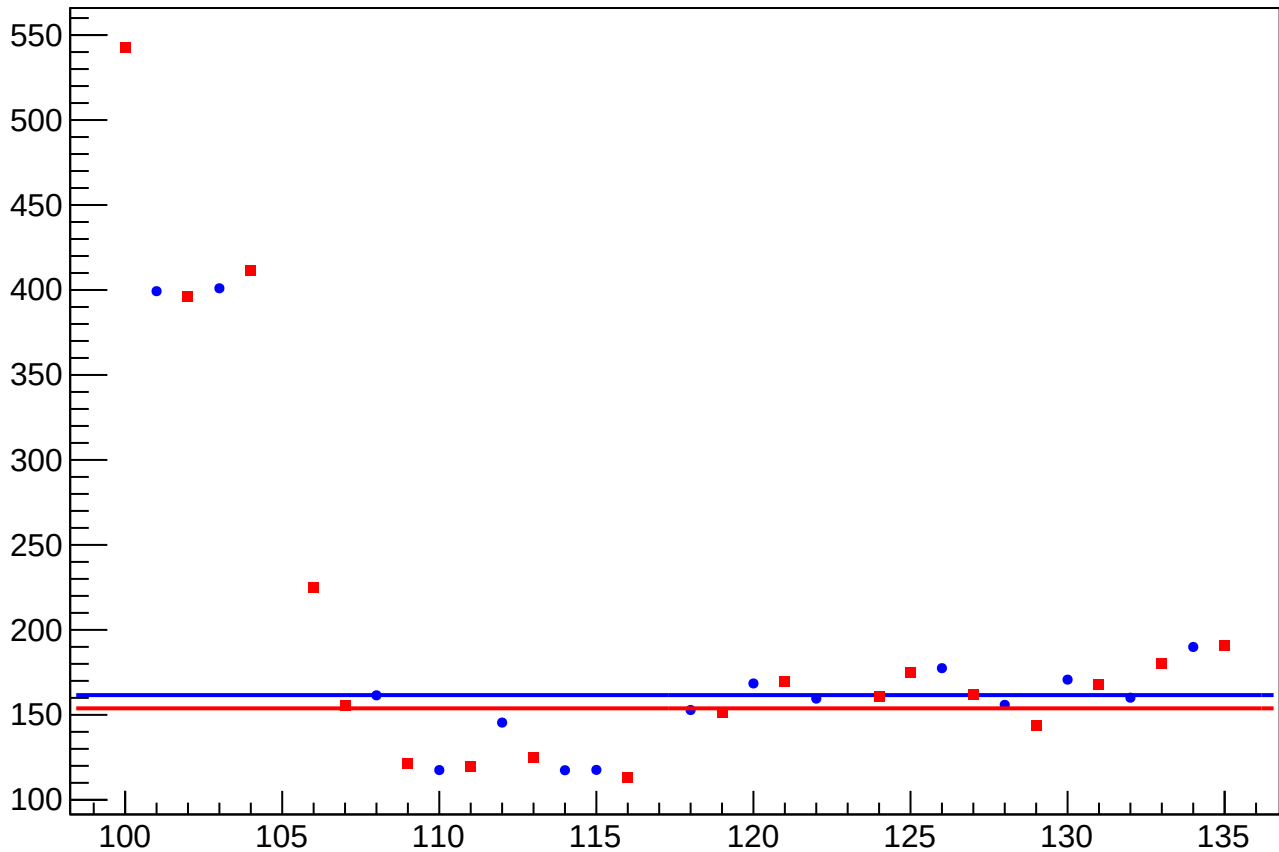
Right Out: 143059.932 $\pm$ 0.061 χ^2 /NDF: 51714301.8/17

All: 143063.754 $\pm$ 0.046 χ^2 /NDF: 97825772.0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l07WS_rms vs Slug



Right In: 161.629 $\pm$ 0.049 χ^2 /NDF: 1104678.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 153.835 $\pm$ 0.043 χ^2 /NDF: 1353440.9/17

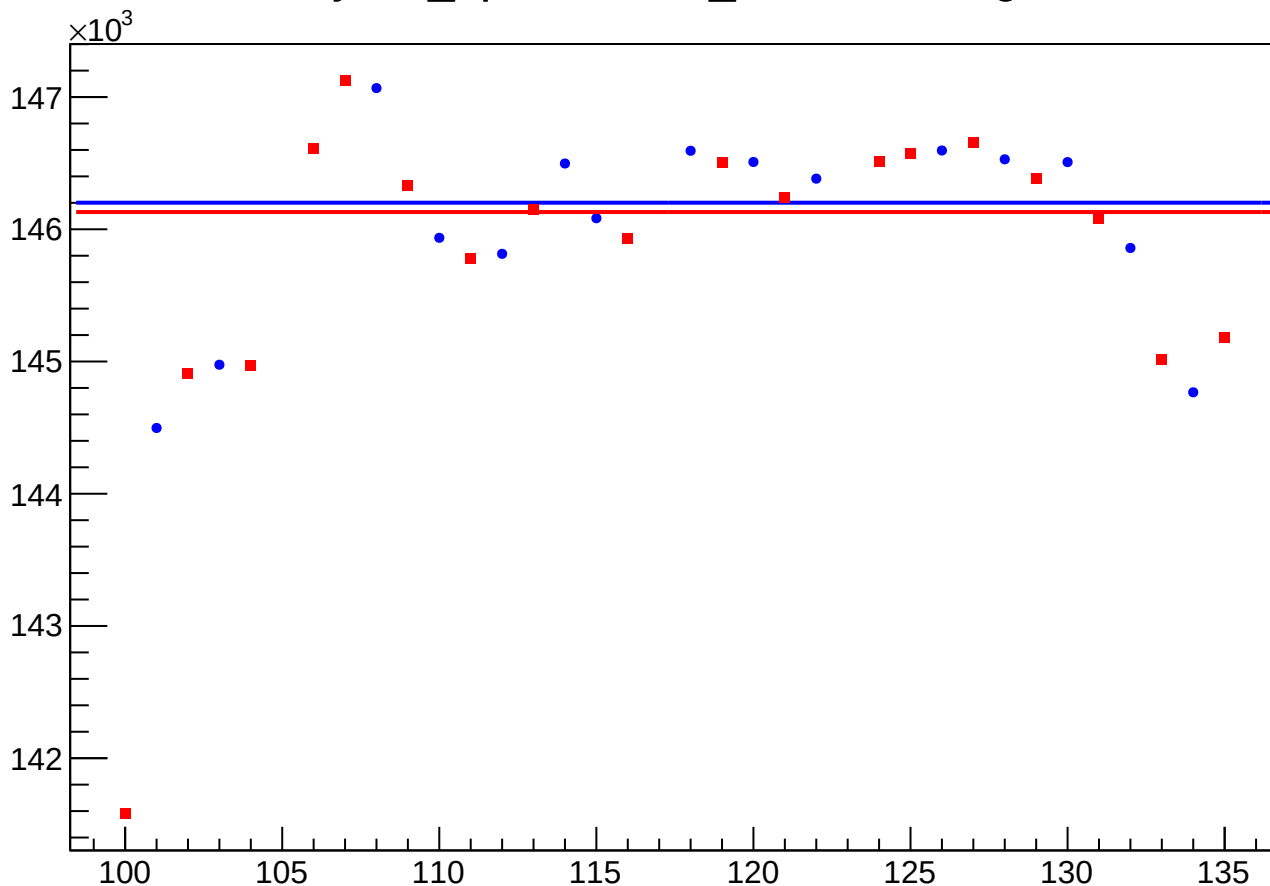
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 157.277 $\pm$ 0.032 χ^2 /NDF: 2472402.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_mean vs Slug



Right In: 146201.050 $\pm$ 0.072 χ^2 /NDF: 65112694.9/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

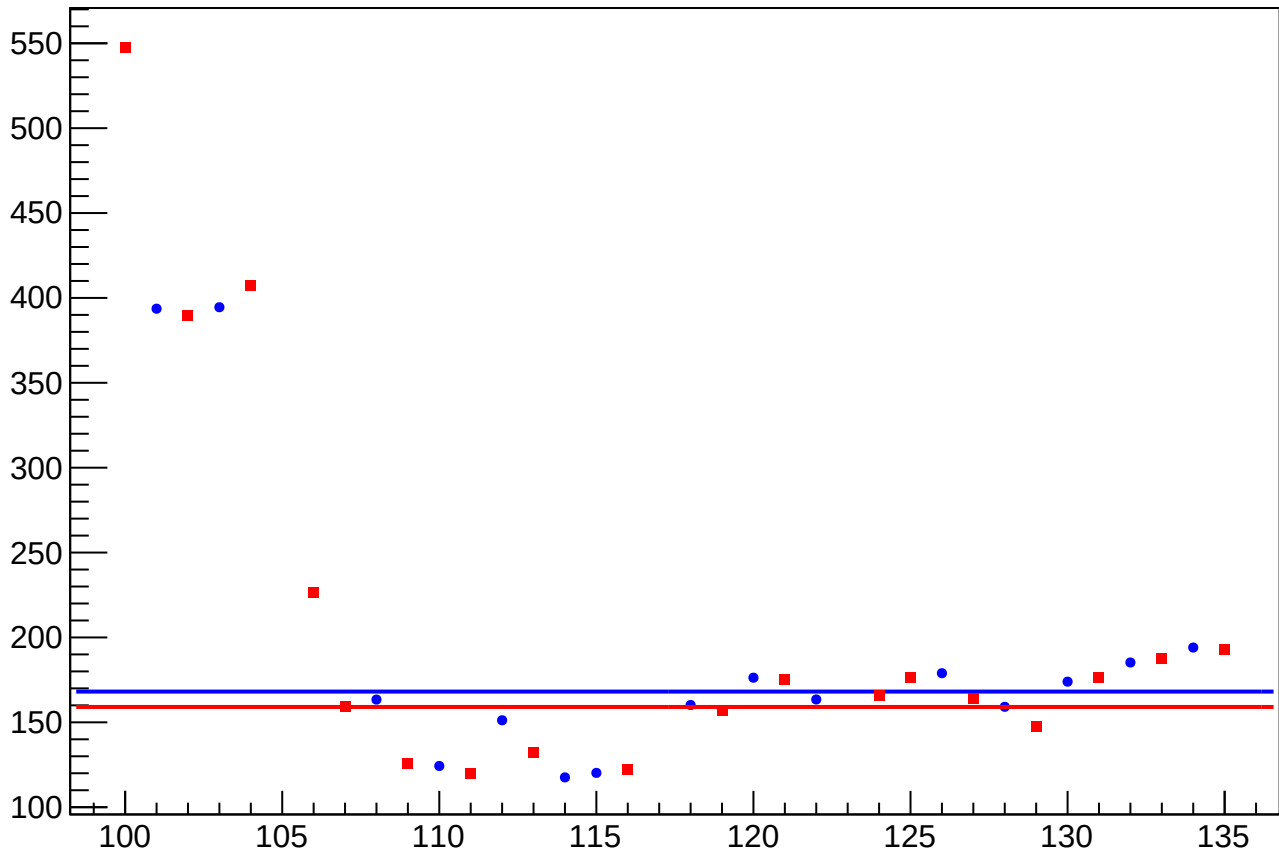
Right Out: 146130.428 $\pm$ 0.063 χ^2 /NDF: 70162045.2/17

All: 146161.362 $\pm$ 0.047 χ^2 /NDF: 135822193

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l08WS_rms vs Slug



Right In: 168.112 $\pm$ 0.051 χ^2 /NDF: 1041394.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

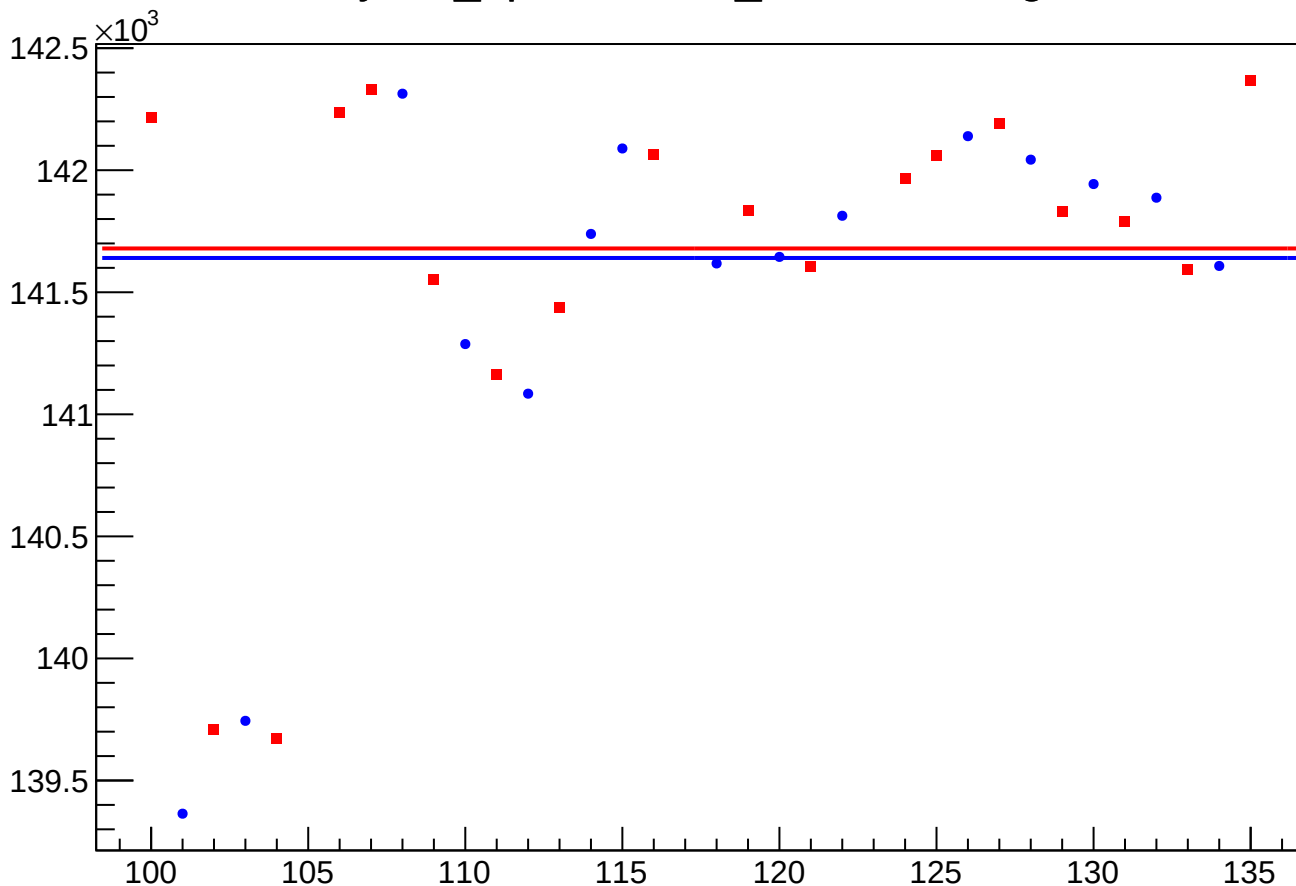
Right Out: 159.050 $\pm$ 0.045 χ^2 /NDF: 1280807.8/17

All: 163.019 $\pm$ 0.033 χ^2 /NDF: 2340232.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_mean vs Slug



Right In: 141640.462 $\pm$ 0.072 χ^2 /NDF: 61049306.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

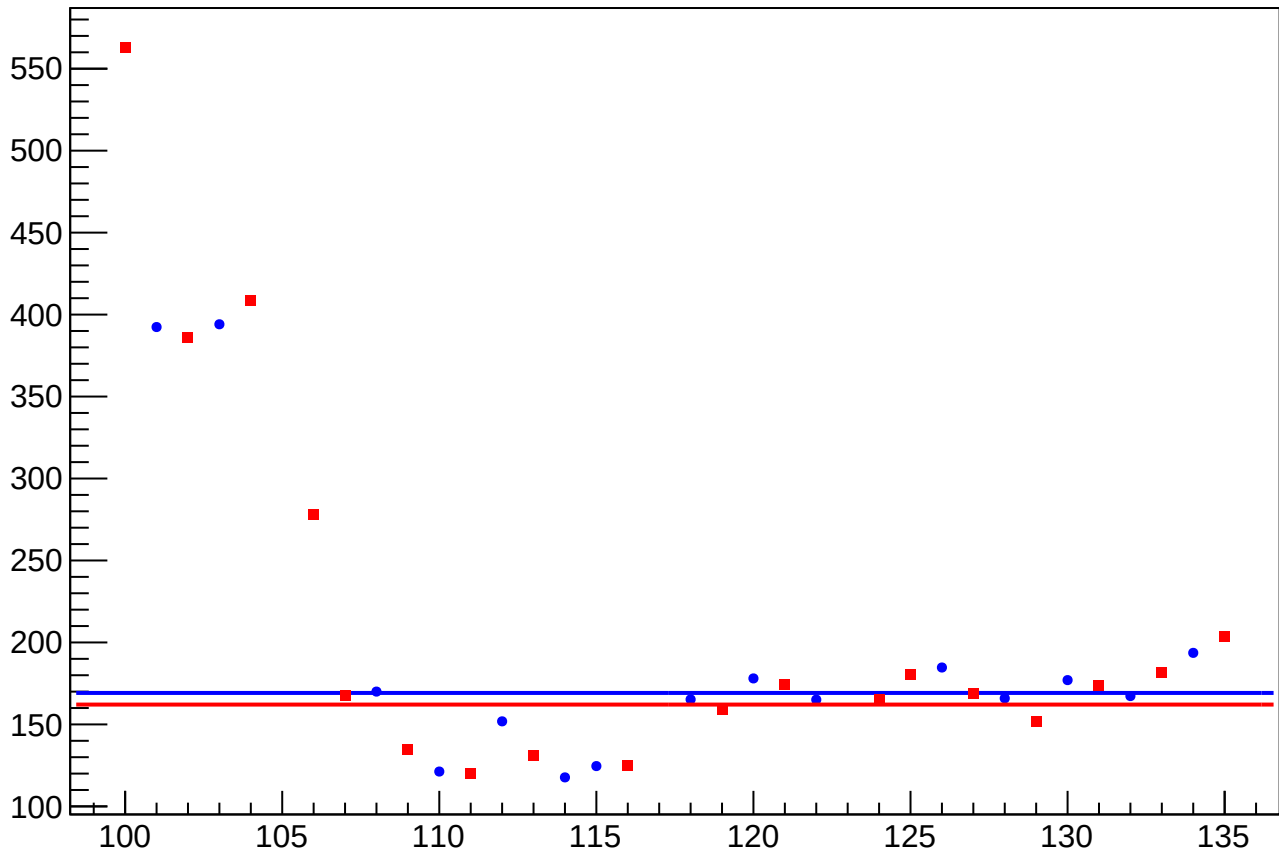
Right Out: 141679.446 $\pm$ 0.064 χ^2 /NDF: 58494604.9/17

All: 141662.107 $\pm$ 0.048 χ^2 /NDF: 119706532

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l09WS_rms vs Slug



Right In: 169.200 $\pm$ 0.051 χ^2 /NDF: 1035877.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

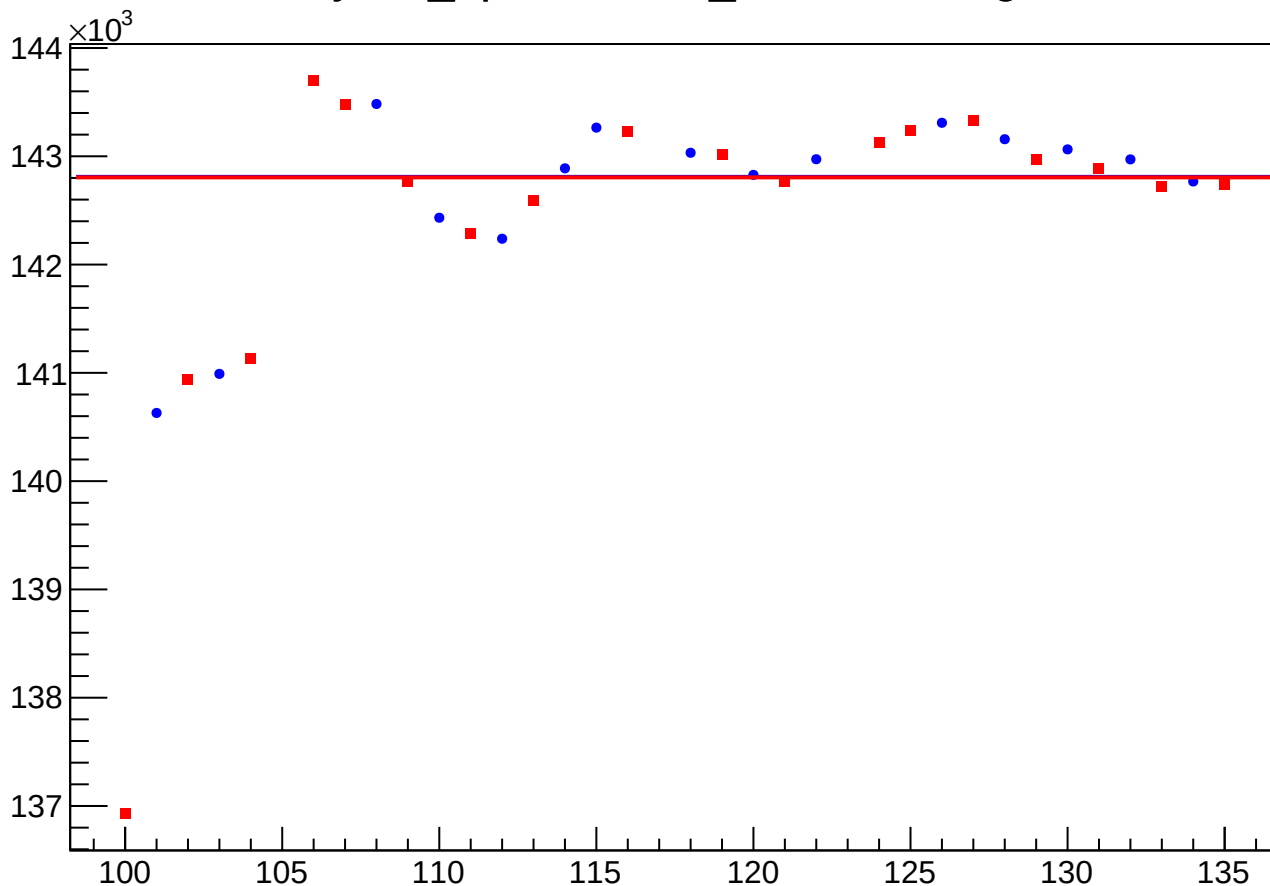
Right Out: 162.101 $\pm$ 0.046 χ^2 /NDF: 1293147.6/17

All: 165.259 $\pm$ 0.034 χ^2 /NDF: 2339810.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_mean vs Slug



Right In: 142809.963 $\pm$ 0.073 χ^2 /NDF: 57457050.9/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

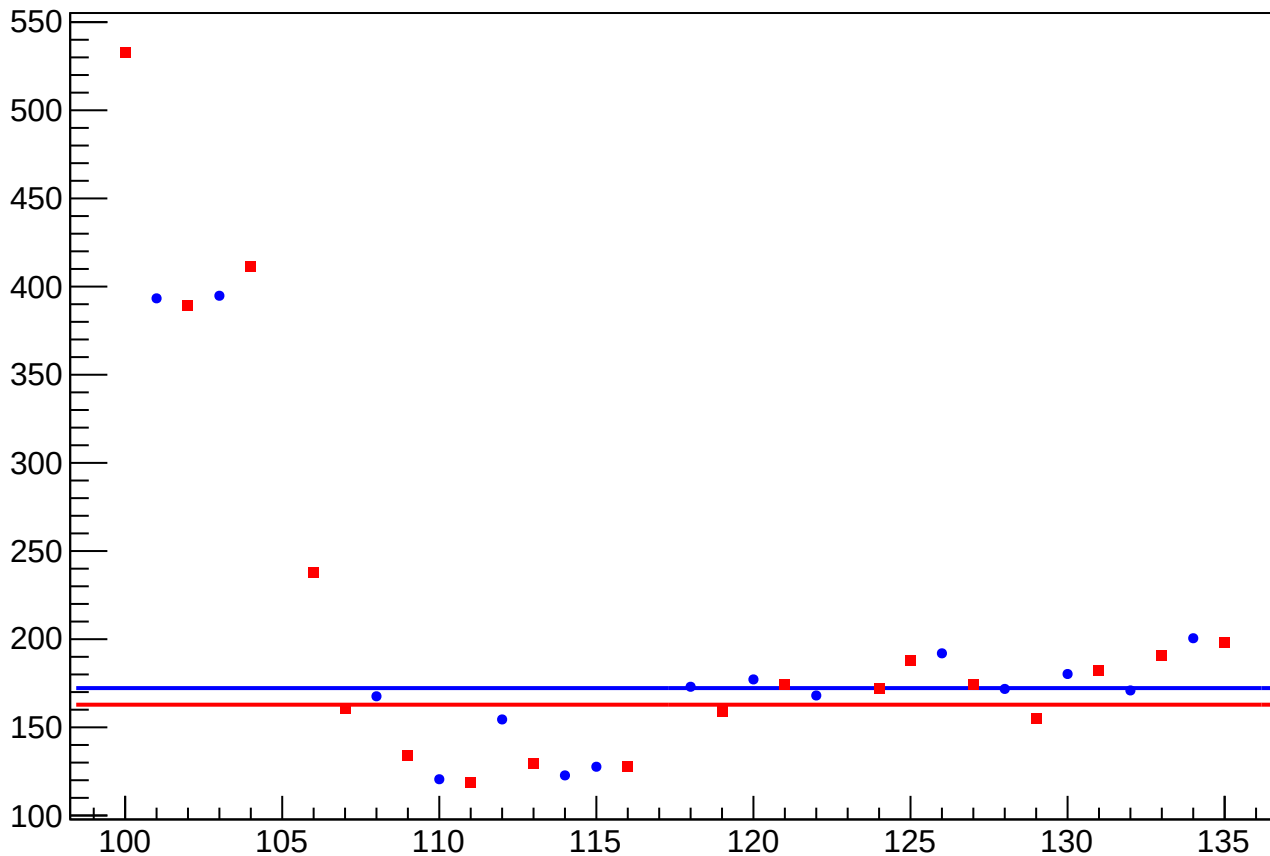
Right Out: 142805.238 $\pm$ 0.065 χ^2 /NDF: 60428574.5/17

All: 142807.310 $\pm$ 0.049 χ^2 /NDF: 117887957

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10WS_rms vs Slug



Right In: 172.261+/-0.052 χ^2/NDF : 1032794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

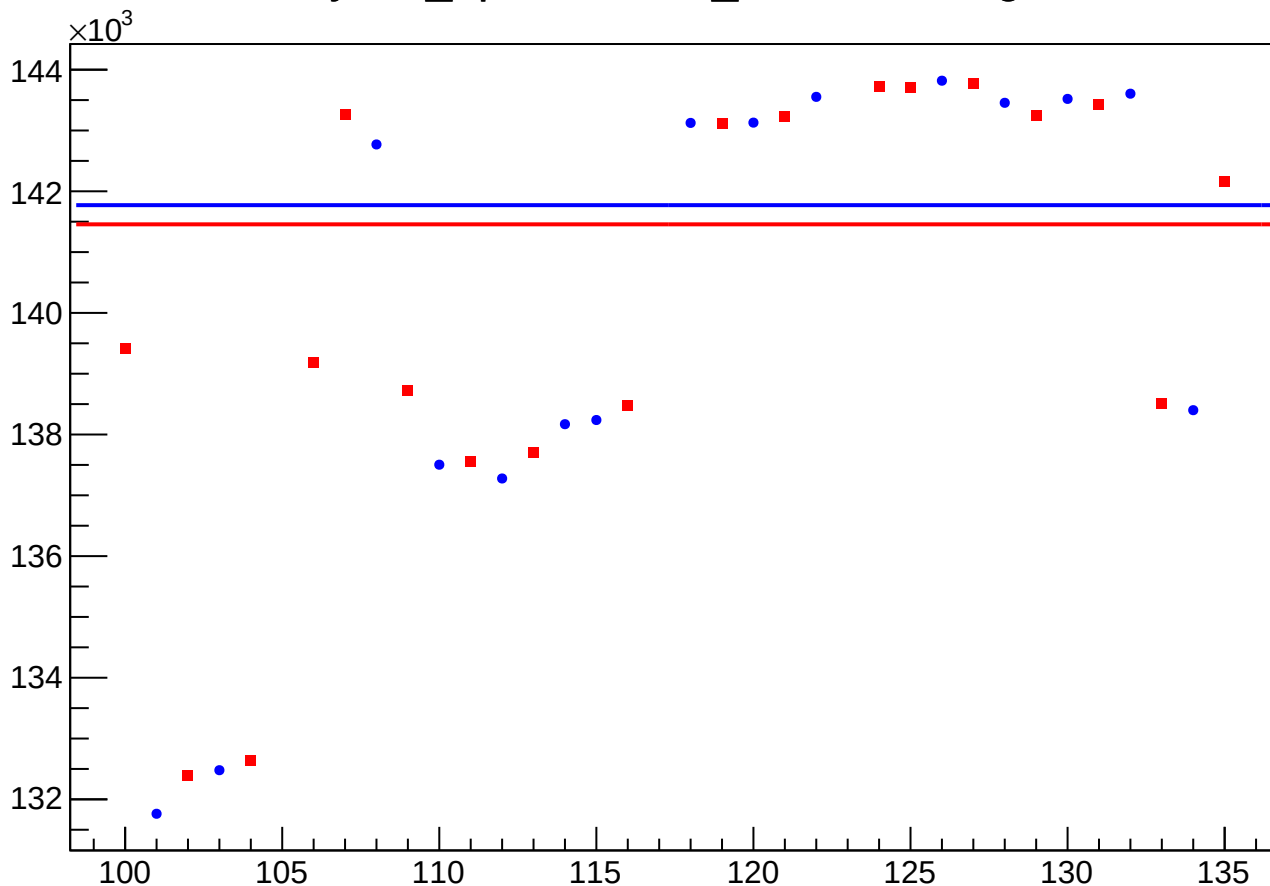
Right Out: 162.848+/-0.046 χ^2/NDF : 1275055.4/17

All: 166.976+/-0.034 χ^2/NDF : 2326369.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03WS_mean vs Slug



Right In: 141772.037 $\pm$ 0.108 χ^2 /NDF: 910188989.8/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

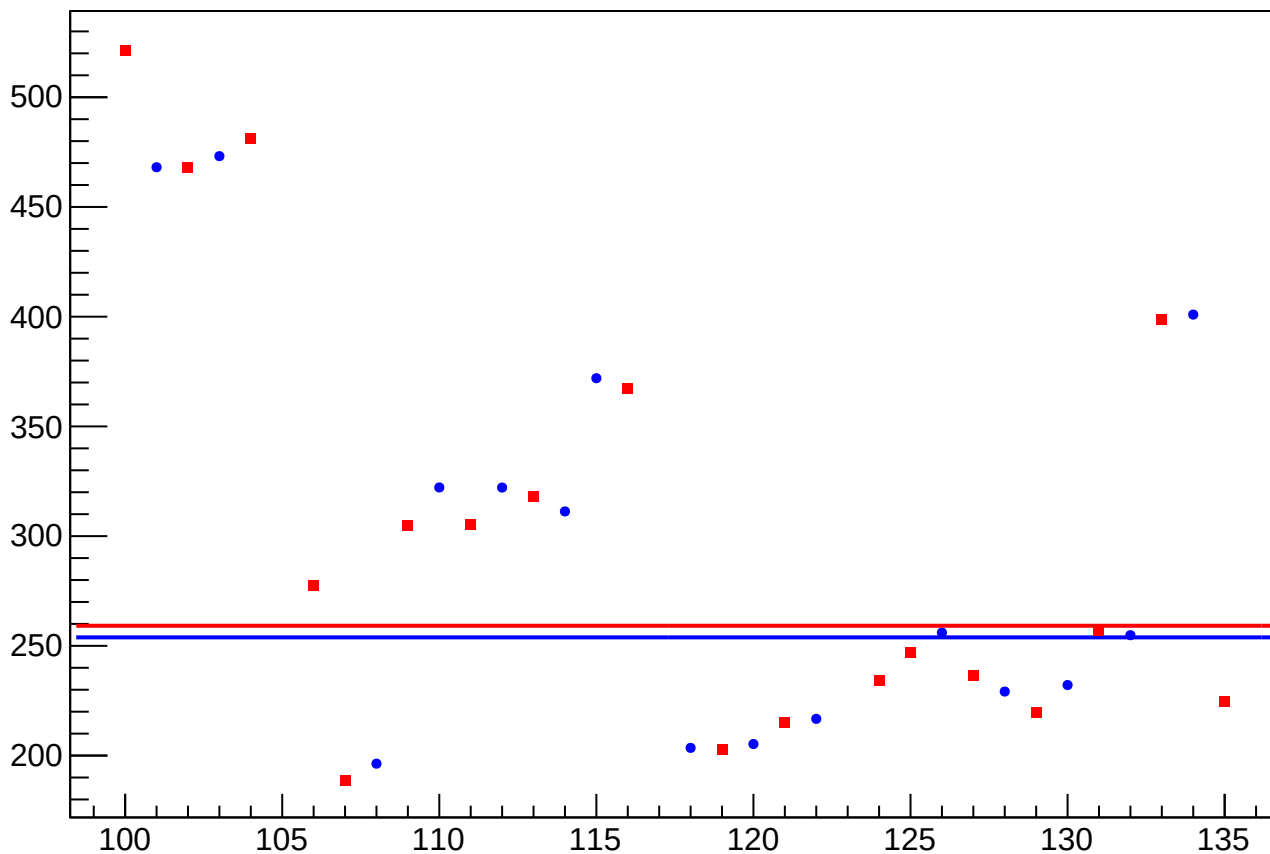
Right Out: 141456.650 $\pm$ 0.102 χ^2 /NDF: 871498029.8/17

All: 141605.874 $\pm$ 0.074 χ^2 /NDF: 178620356

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r03WS_rms vs Slug



Right In: 253.862 $\pm$ 0.076 χ^2 /NDF: 948400.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 259.160 $\pm$ 0.072 χ^2 /NDF: 979268.8/17

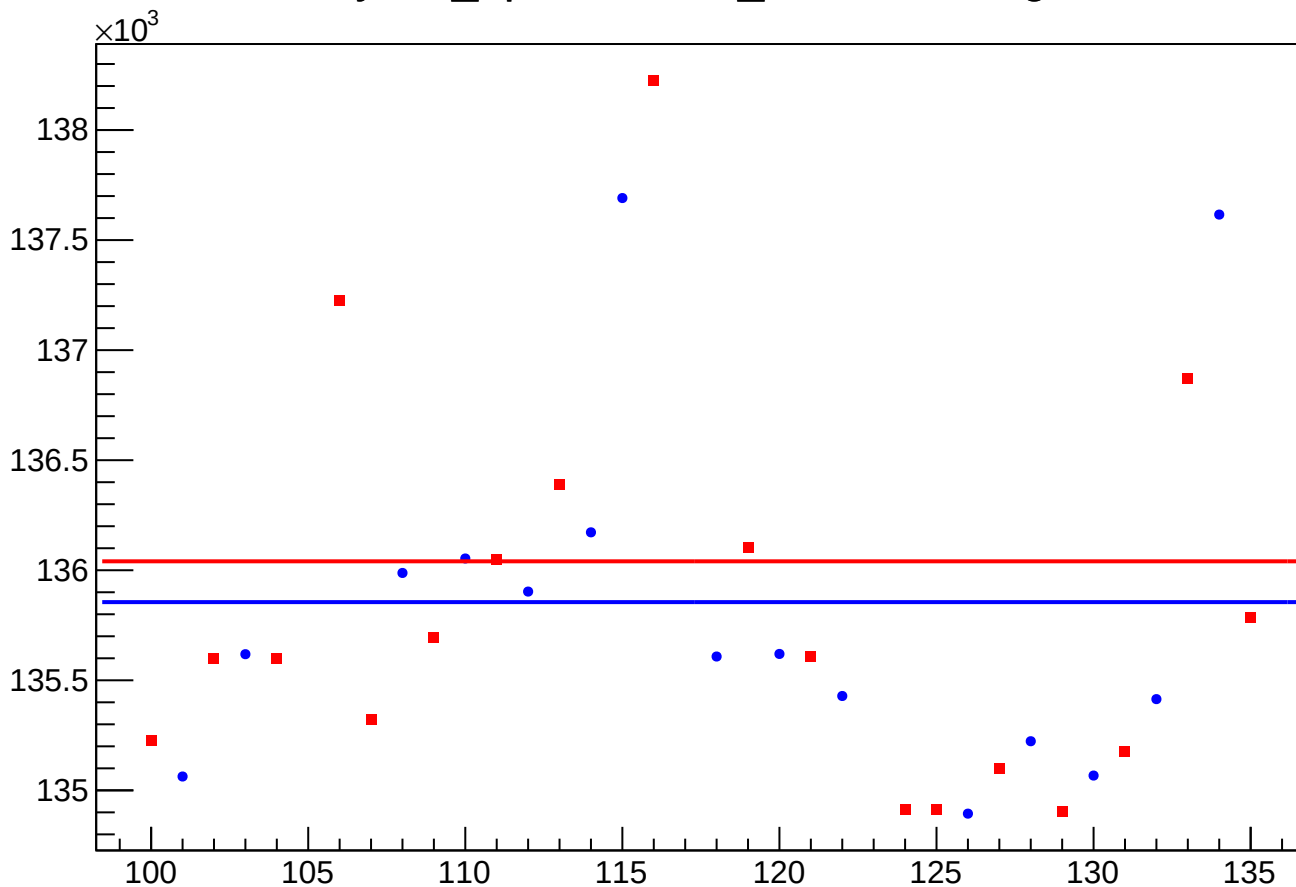
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 256.653 $\pm$ 0.052 χ^2 /NDF: 1930218.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_mean vs Slug



Right In: 135855.202 $\pm$ 0.124 χ^2 /NDF: 30669768.0/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

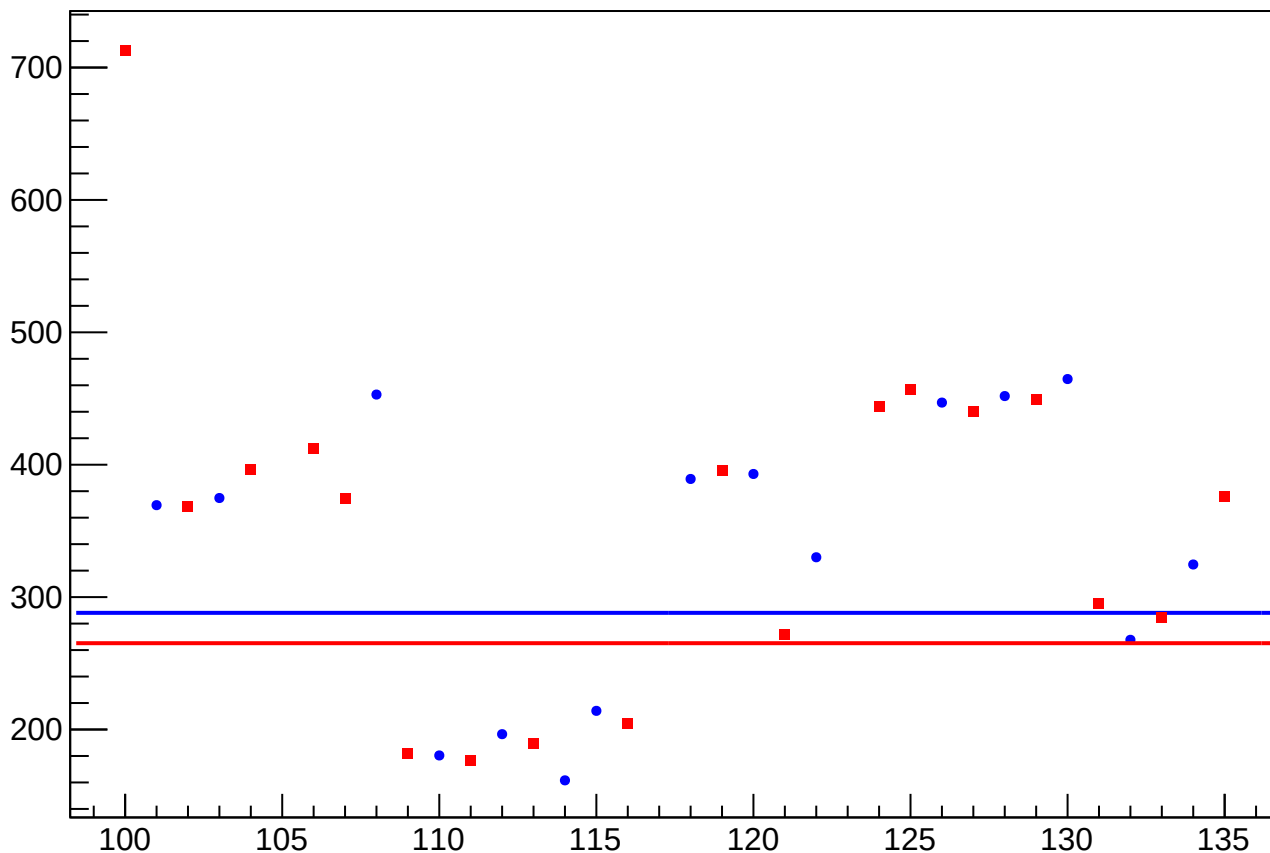
Right Out: 136040.582 $\pm$ 0.107 χ^2 /NDF: 52096444.7/17

All: 135961.140 $\pm$ 0.081 χ^2 /NDF: 84045466.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05WS_rms vs Slug



Right In: 288.114 $\pm$ 0.088 χ^2 /NDF: 1361764.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 265.192 $\pm$ 0.076 χ^2 /NDF: 1650275.1/17

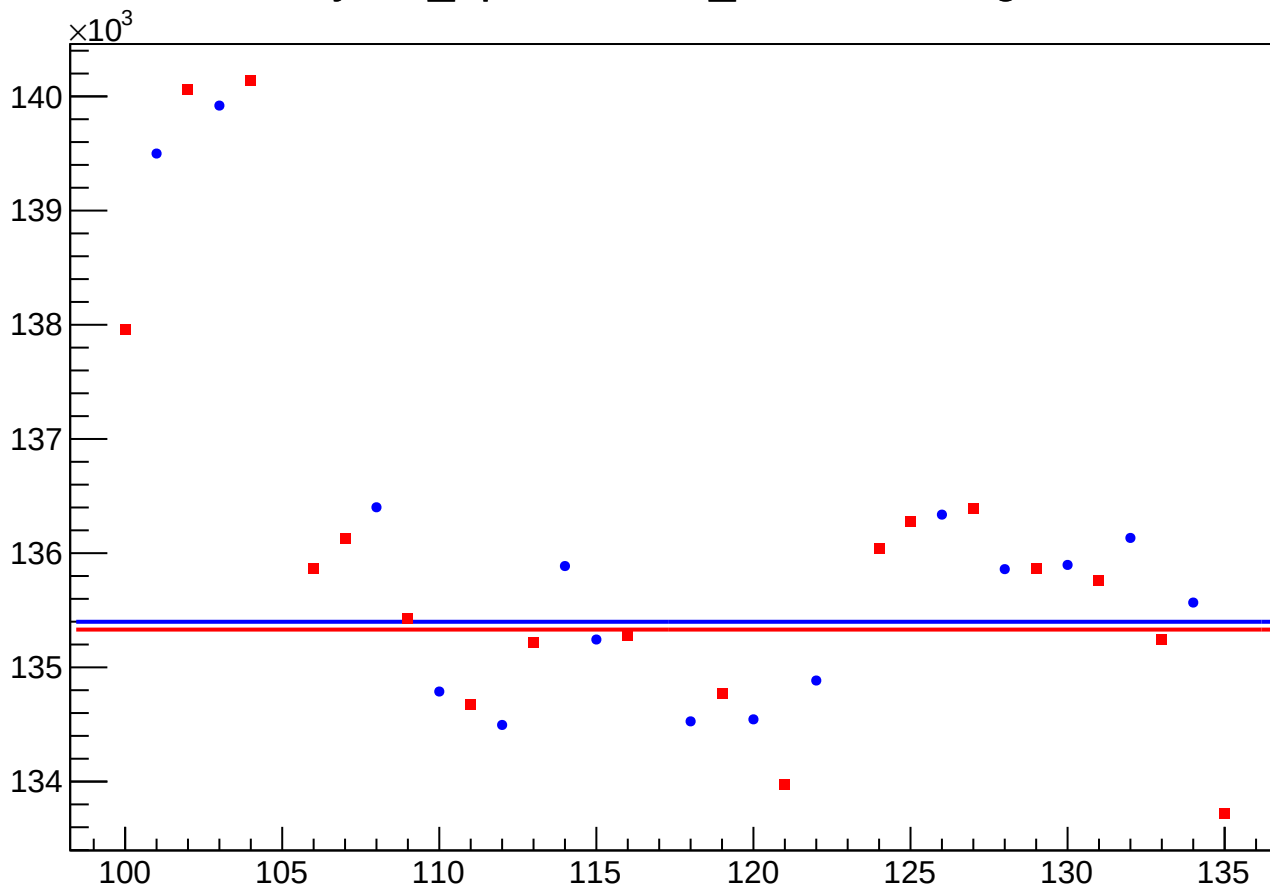
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 275.015 $\pm$ 0.057 χ^2 /NDF: 3051156.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_mean vs Slug



Right In: 135399.233 $\pm$ 0.058 χ^2 /NDF: 321119367.7/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

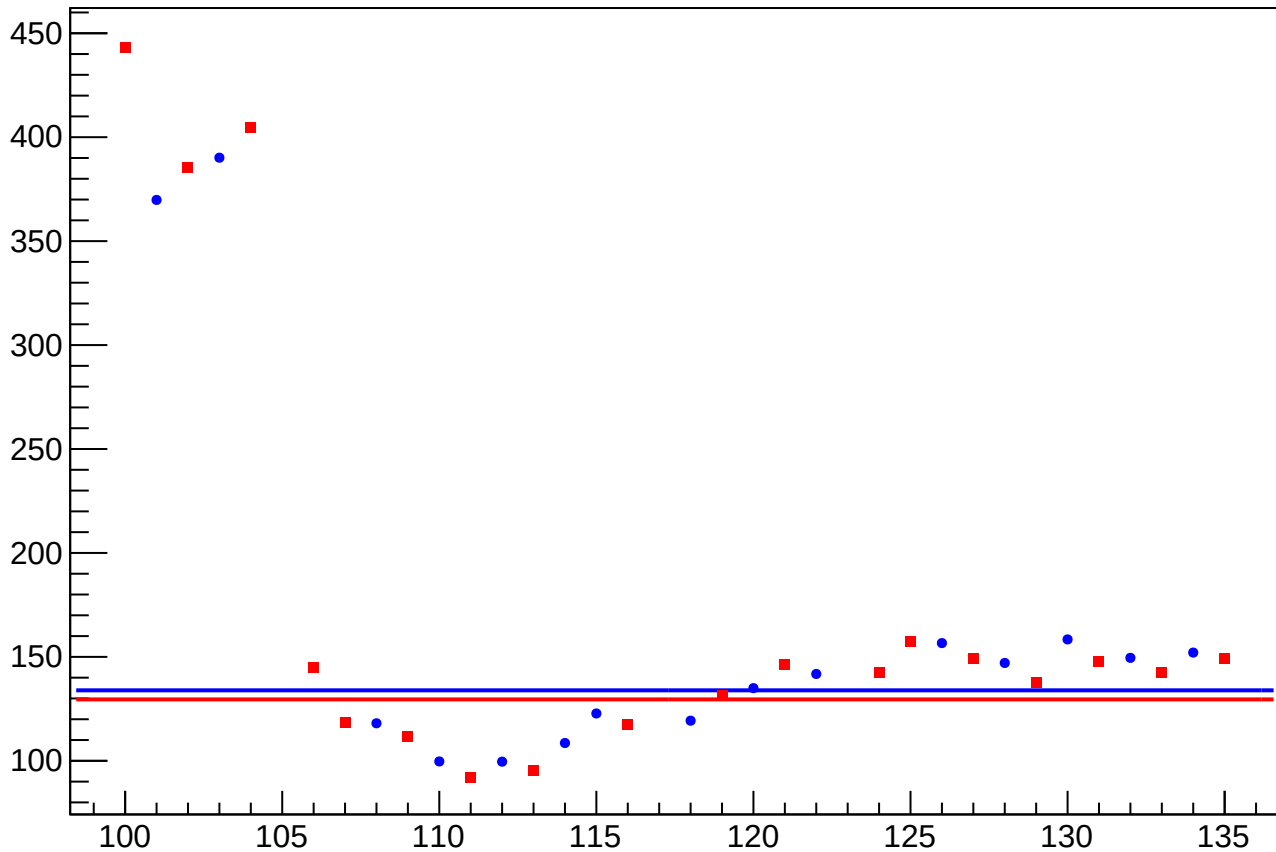
Right Out: 135330.841 $\pm$ 0.052 χ^2 /NDF: 354653300.6/17

All: 135361.614 $\pm$ 0.039 χ^2 /NDF: 676542439

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02WS_rms vs Slug



Right In: 133.914 $\pm$ 0.041 χ^2 /NDF: 1351728.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

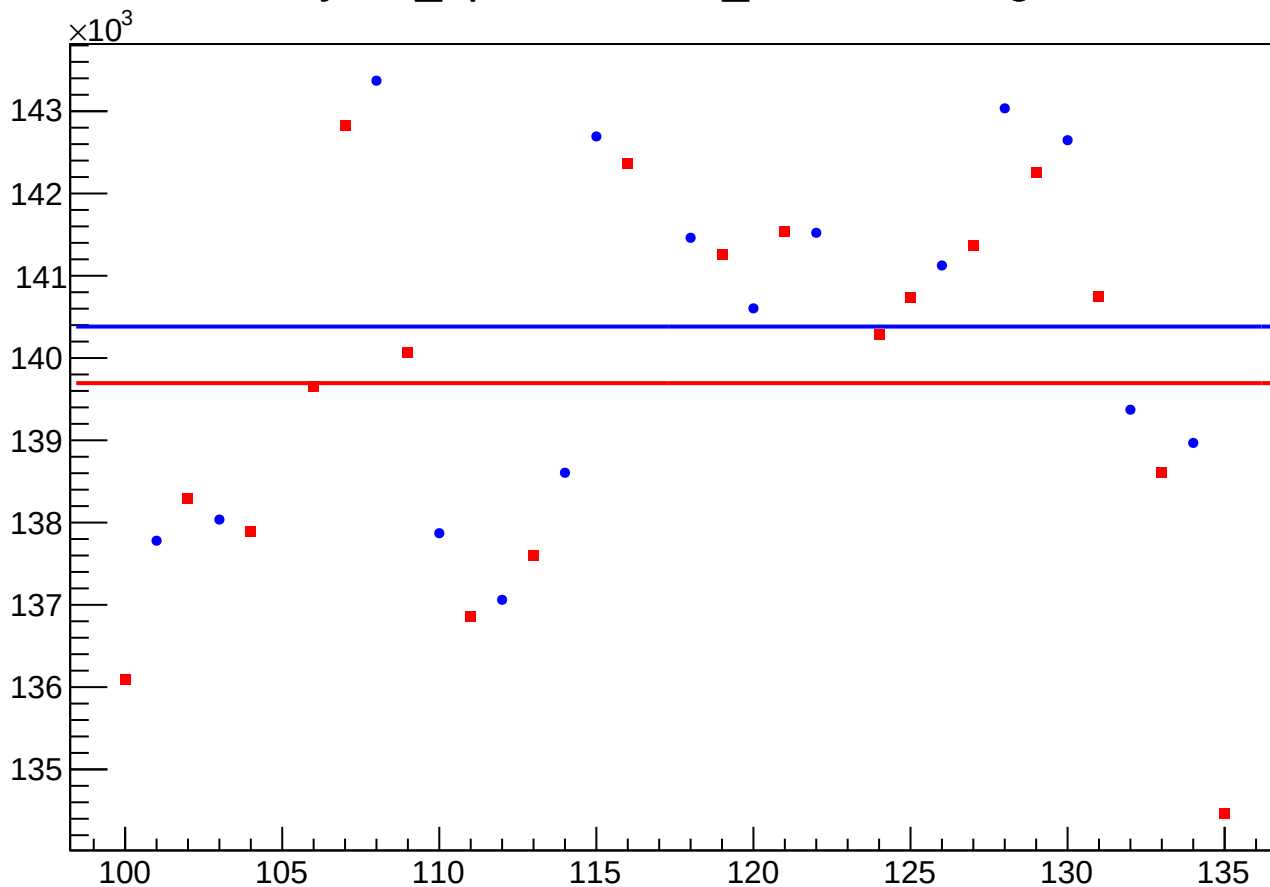
Right Out: 129.542 $\pm$ 0.037 χ^2 /NDF: 1505098.0/17

All: 131.509 $\pm$ 0.027 χ^2 /NDF: 2863117.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_mean vs Slug



Right In: 140382.495 $\pm$ 0.066 χ^2 /NDF: 1008375562.4/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

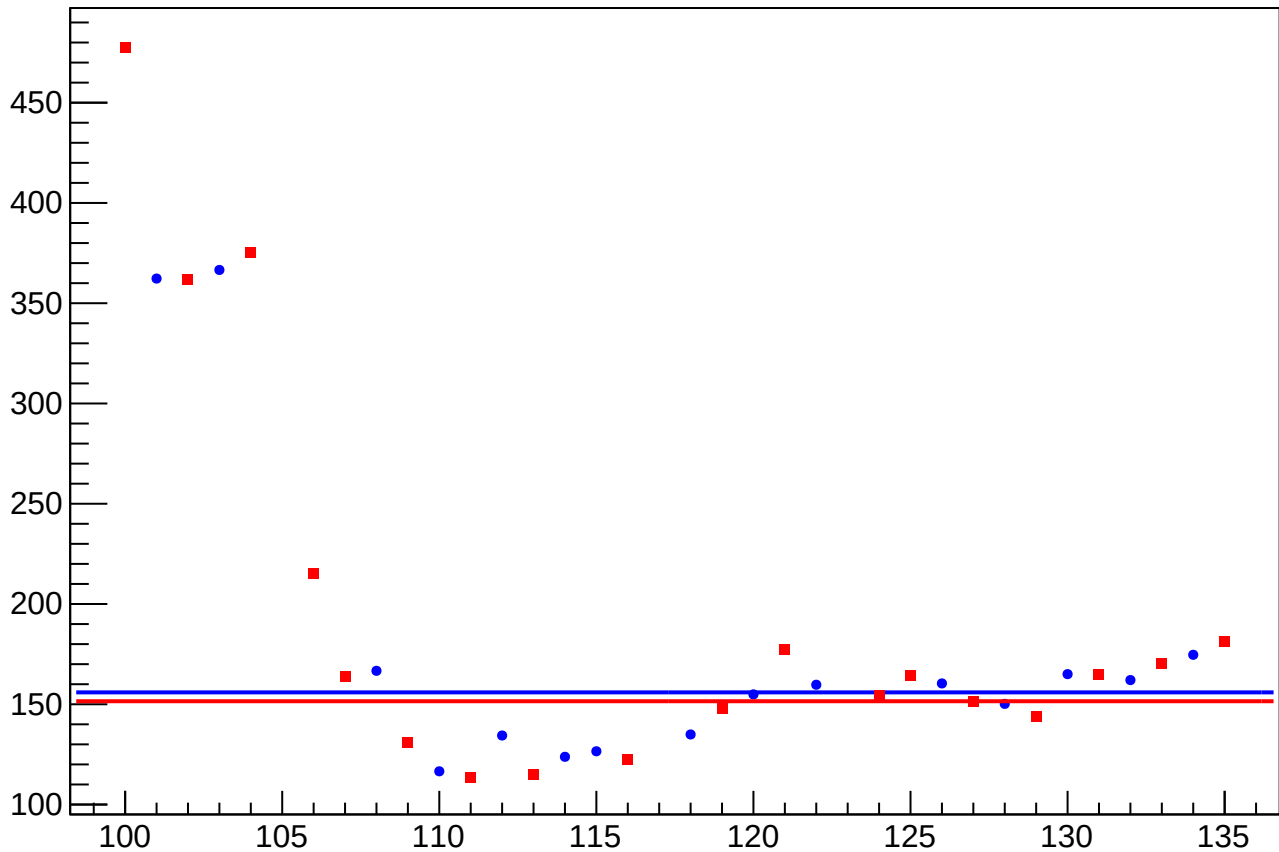
All: 140006.645 $\pm$ 0.045 χ^2 /NDF: 24074305

Right Out: 139694.871 $\pm$ 0.060 χ^2 /NDF: 1340279508.1/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i02aWS_rms vs Slug



Right In: 155.935+/-0.047 χ^2/NDF : 998739.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

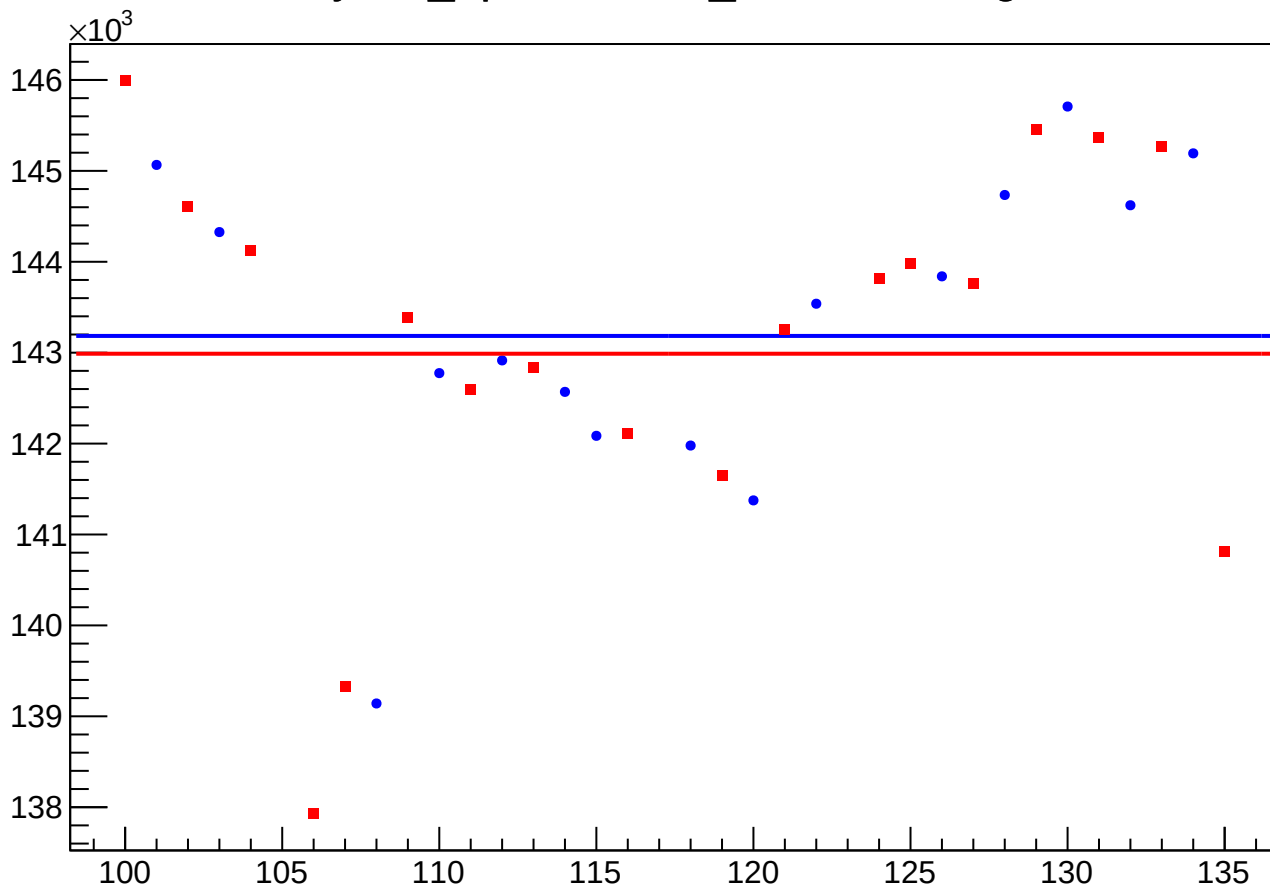
Right Out: 151.512+/-0.043 χ^2/NDF : 1219264.6/17

All: 153.517+/-0.032 χ^2/NDF : 2222866.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05WS_mean vs Slug



Right In: 143184.309 $\pm$ 0.071 χ^2 /NDF: 635640290.5/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

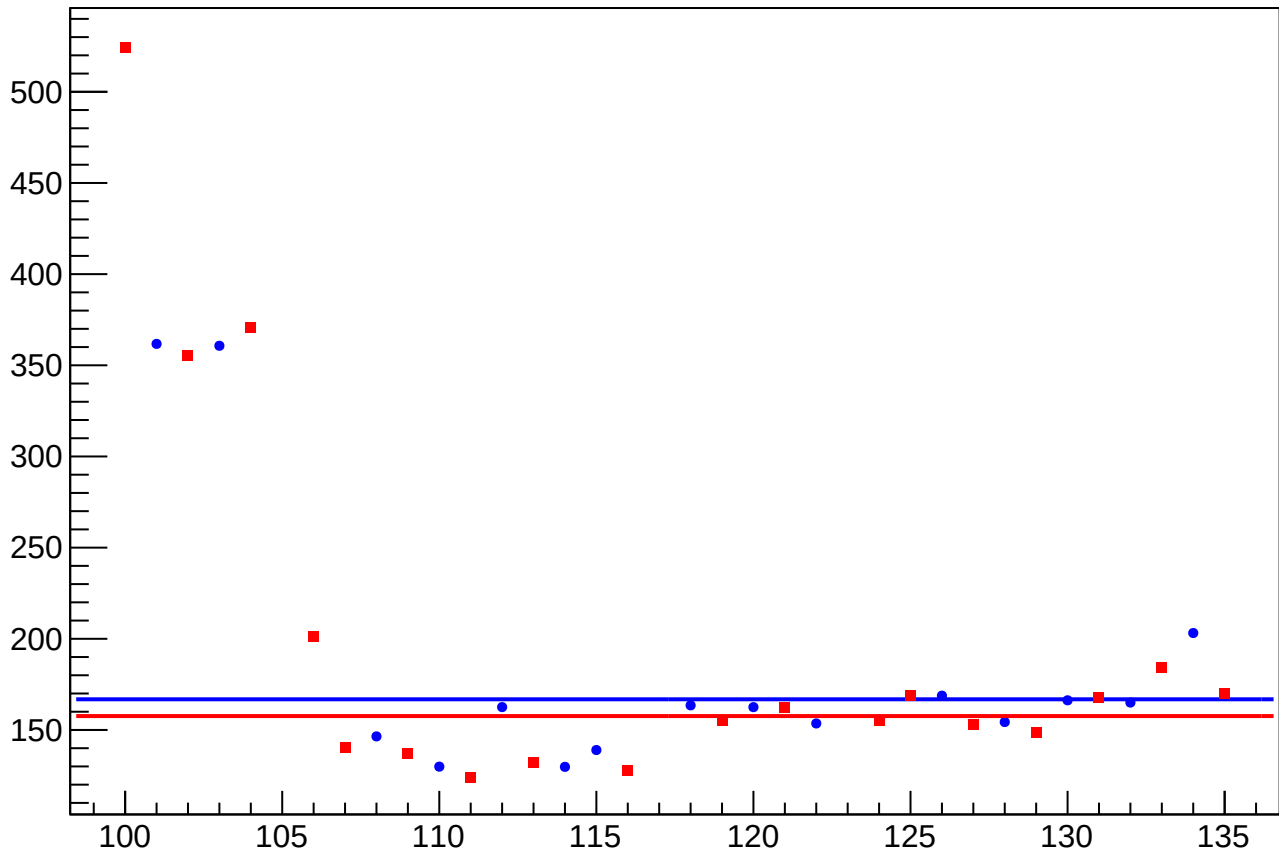
Right Out: 142988.528 $\pm$ 0.062 χ^2 /NDF: 760198877.4/17

All: 143074.318 $\pm$ 0.047 χ^2 /NDF: 140014960

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i05WS_rms vs Slug



Right In: 166.822 $\pm$ 0.050 χ^2 /NDF: 863494.5/14

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

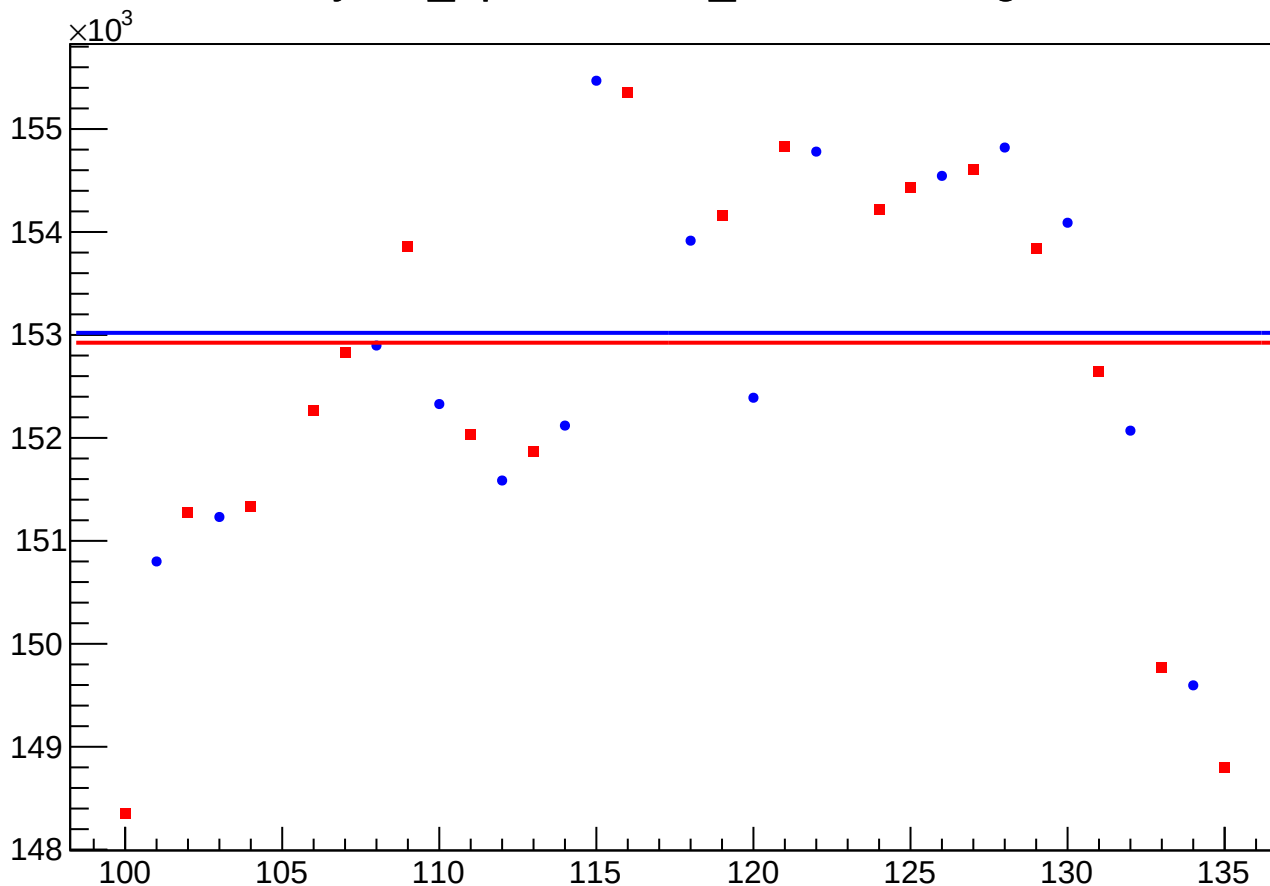
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 161.652 $\pm$ 0.033 χ^2 /NDF: 1904220.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0i07WS_mean vs Slug



Right In: 153020.351 ± 0.078 $\chi^2/\text{NDF}: 390541722.8/14$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

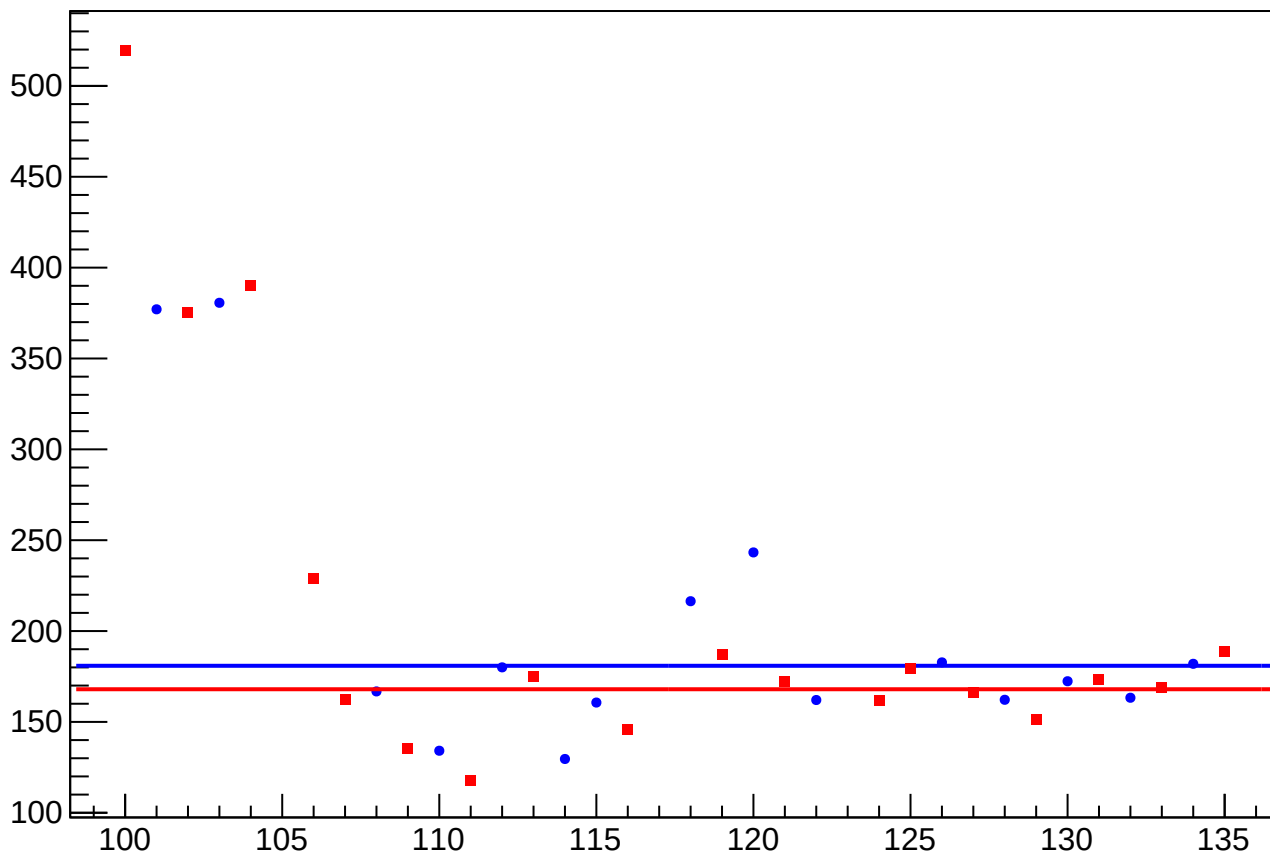
Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 152924.520 ± 0.068 $\chi^2/\text{NDF}: 675897537.1/17$ All: 152965.463 ± 0.051 $\chi^2/\text{NDF}: 106729845$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

yield_bpm0i07WS_rms vs Slug



Right In: 180.887 $\pm$ 0.055 χ^2 /NDF: 907751.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.979 $\pm$ 0.048 χ^2 /NDF: 1086859.5/17

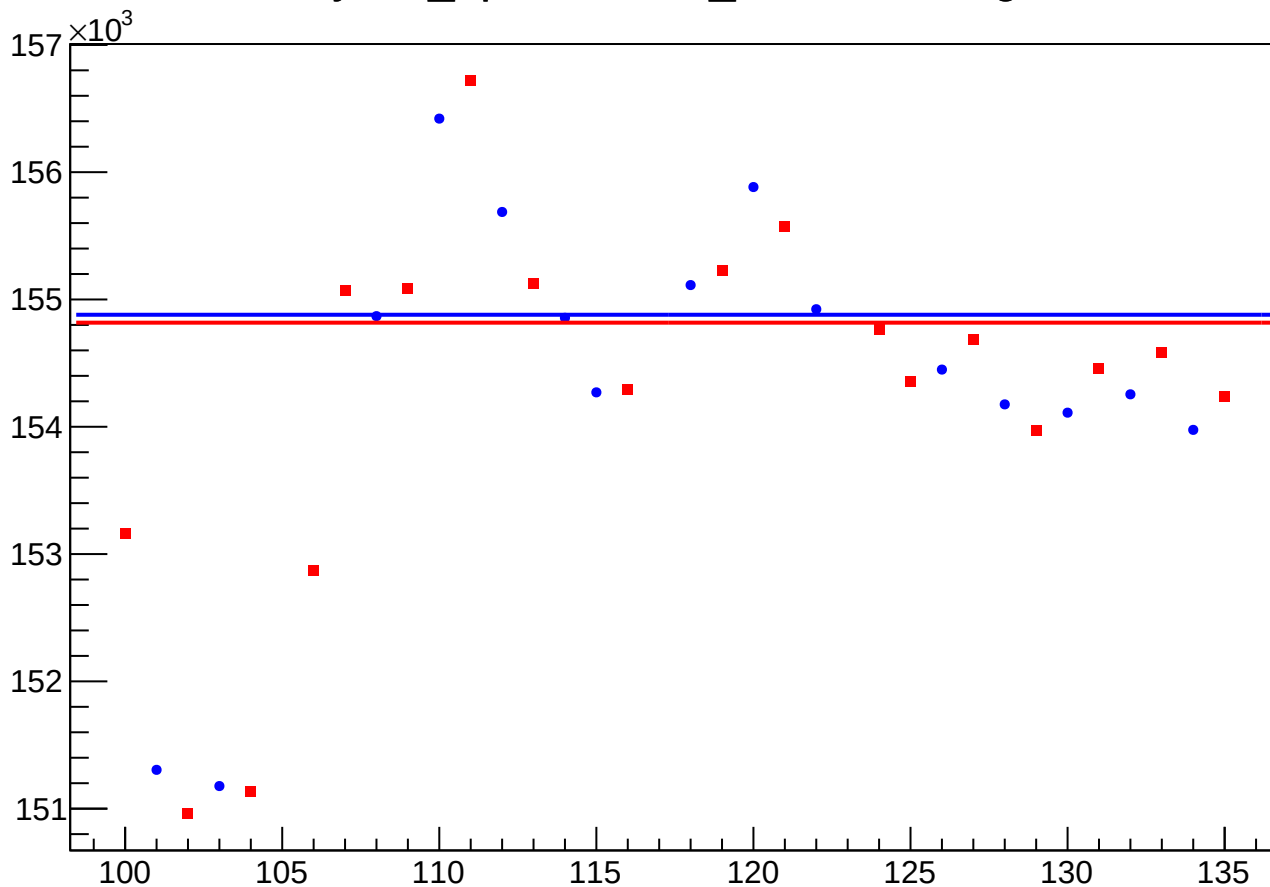
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 173.494 $\pm$ 0.036 χ^2 /NDF: 2025788.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_mean vs Slug



Right In: 154879.947 $\pm$ 0.069 χ^2 /NDF: 230136054.3/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

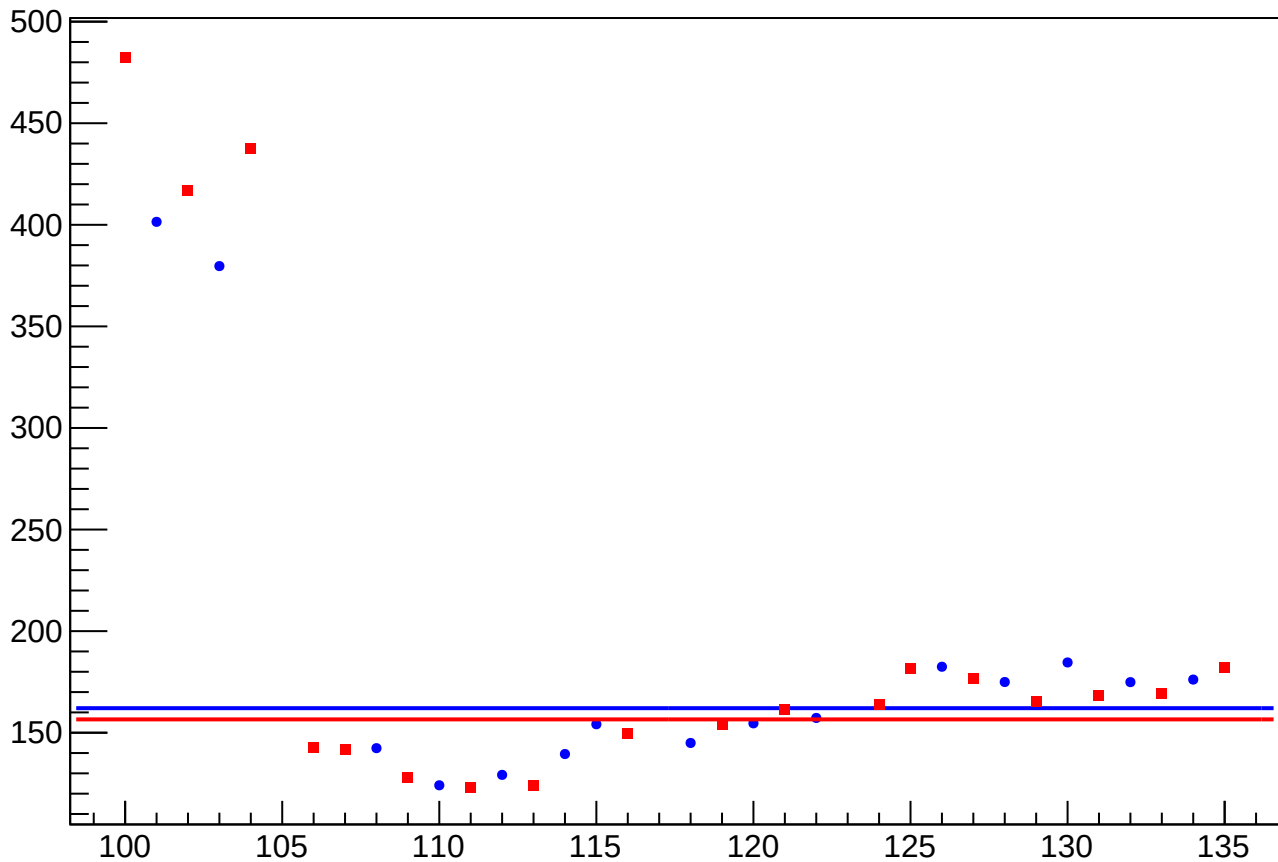
Right Out: 154817.788 $\pm$ 0.062 χ^2 /NDF: 297965526.4/17

All: 154845.485 $\pm$ 0.046 χ^2 /NDF: 528553822

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i02WS_rms vs Slug



Right In: 162.082 $\pm$ 0.049 χ^2 /NDF: 1039901.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

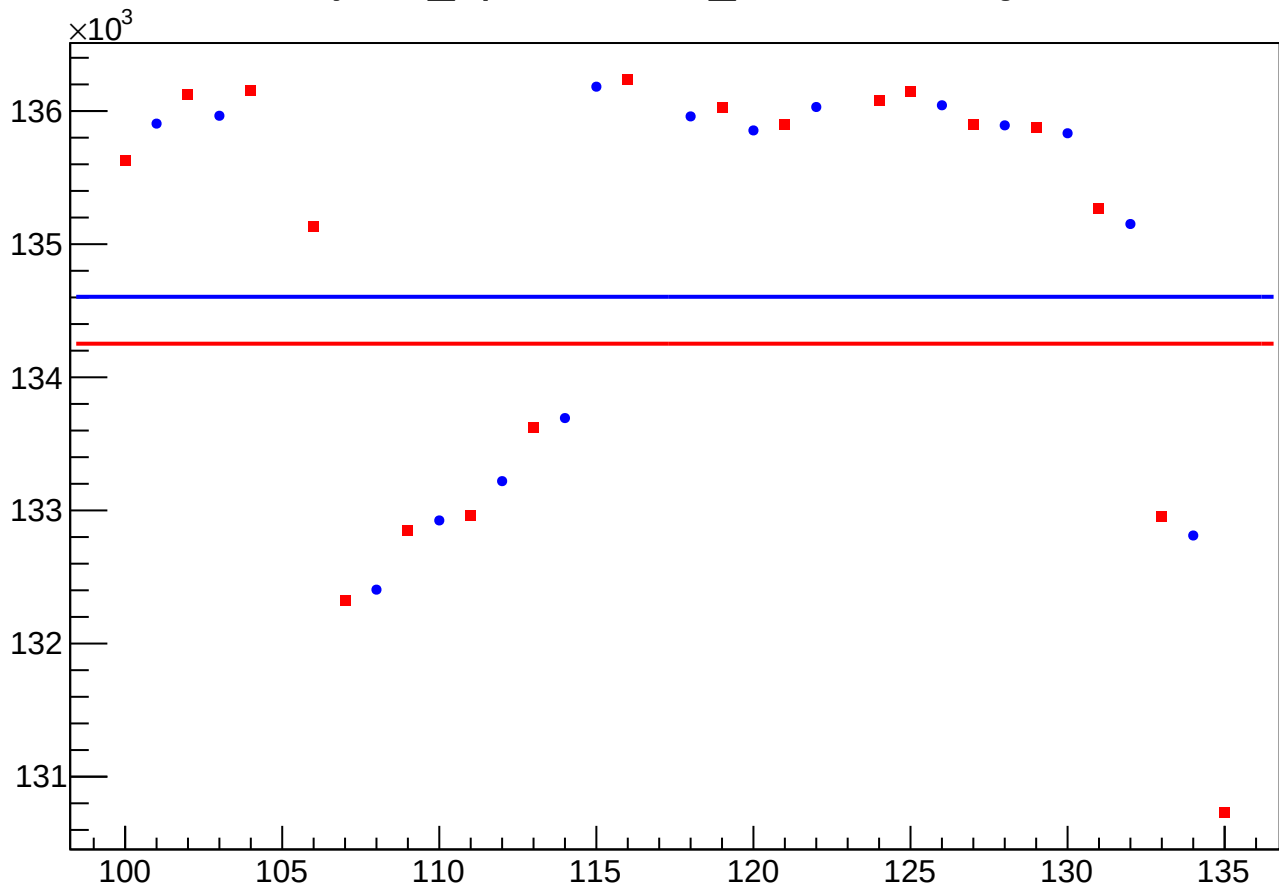
Right Out: 156.563 $\pm$ 0.044 χ^2 /NDF: 1241502.4/17

All: 159.022 $\pm$ 0.032 χ^2 /NDF: 2288534.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i04WS_mean vs Slug



Right In: 134604.761 $\pm$ 0.053 χ^2 /NDF: 755290451.2/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

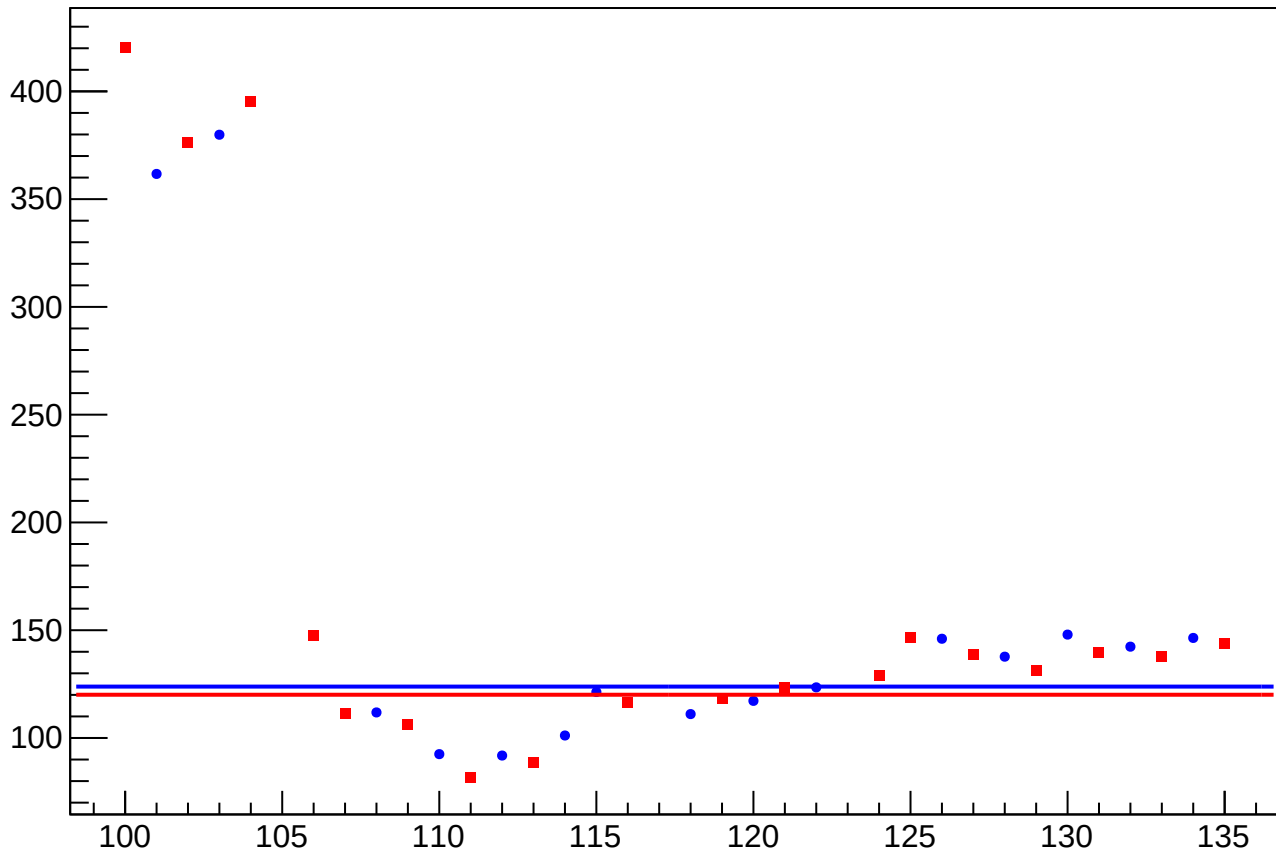
All: 134411.195 $\pm$ 0.036 χ^2 /NDF: 19138690

Right Out: 134252.411 $\pm$ 0.048 χ^2 /NDF: 1134747514.7/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04WS_rms vs Slug



Right In: 123.845 $\pm$ 0.038 χ^2 /NDF: 1424889.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

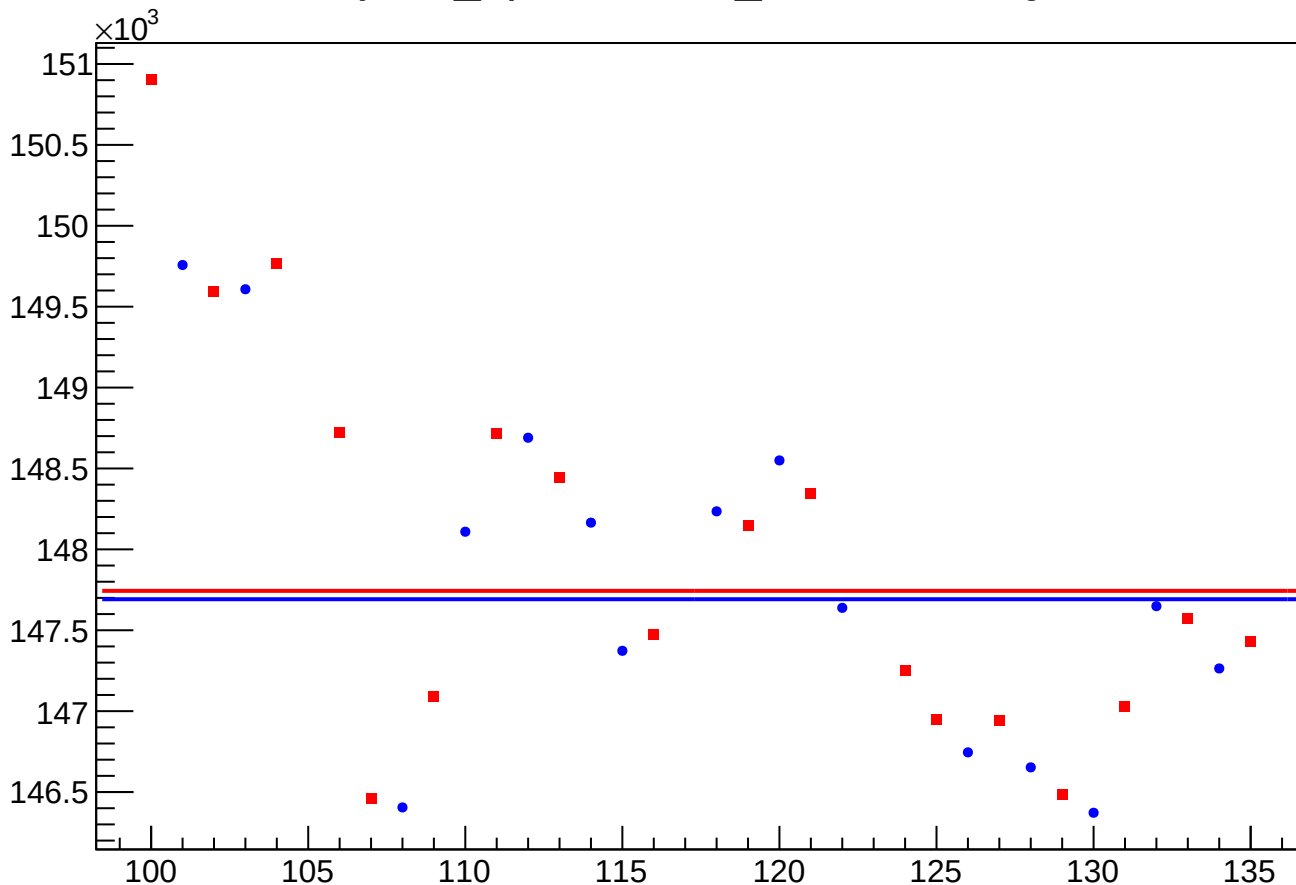
Right Out: 120.062 $\pm$ 0.034 χ^2 /NDF: 1613808.3/17

All: 121.767 $\pm$ 0.025 χ^2 /NDF: 3044191.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm1i06WS_mean vs Slug



Right In: 147691.760 $\pm$ 0.066 χ^2 /NDF: 183970593.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

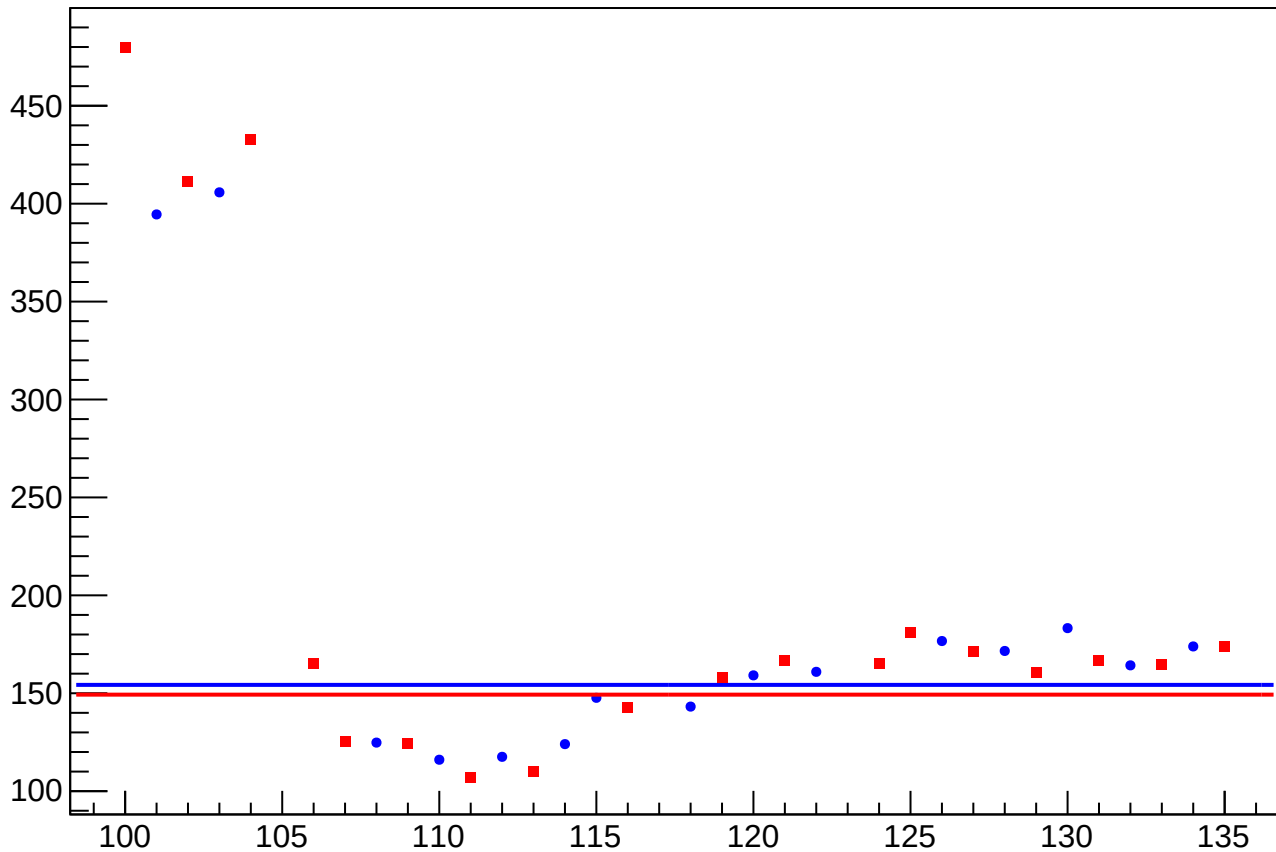
Right Out: 147743.465 $\pm$ 0.060 χ^2 /NDF: 191389695.6/17

All: 147720.247 $\pm$ 0.044 χ^2 /NDF: 375698763

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06WS_rms vs Slug



Right In: 154.275 $\pm$ 0.047 χ^2 /NDF: 1234427.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

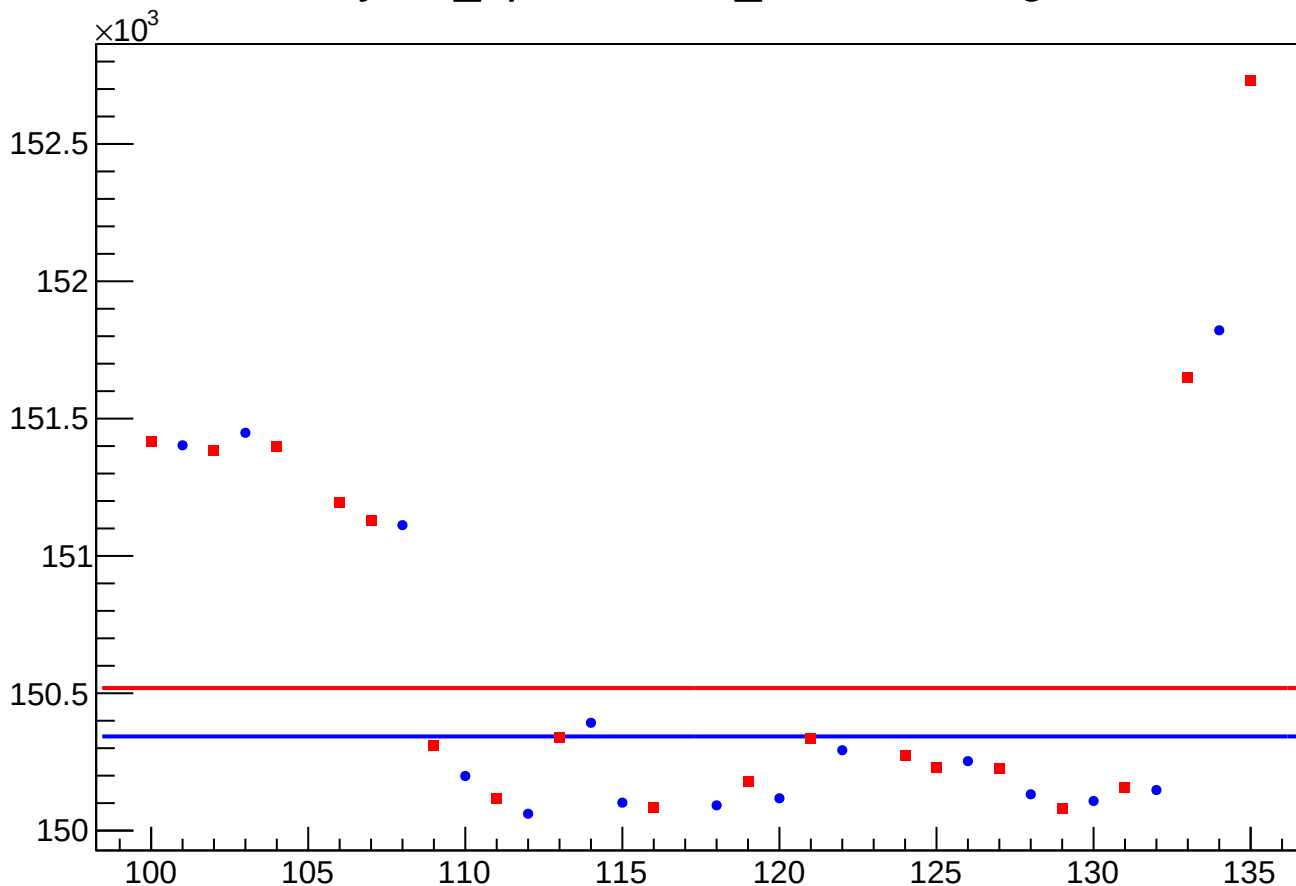
Right Out: 149.287 $\pm$ 0.042 χ^2 /NDF: 1440404.8/17

All: 151.527 $\pm$ 0.031 χ^2 /NDF: 2681131.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_mean vs Slug



Right In: 150342.776 $\pm$ 0.057 χ^2 /NDF: 66639972.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

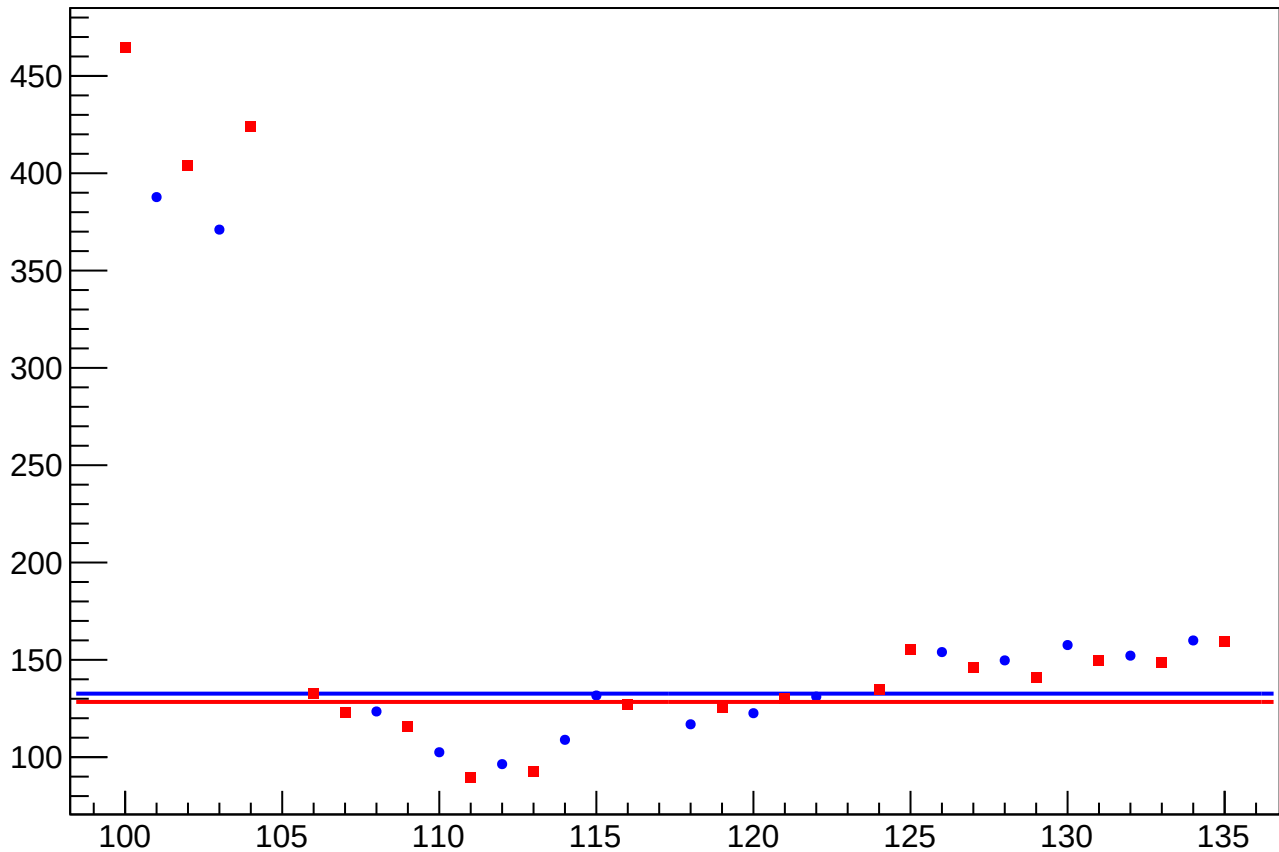
Right Out: 150519.036 $\pm$ 0.051 χ^2 /NDF: 159389939.2/17

All: 150440.341 $\pm$ 0.038 χ^2 /NDF: 231270454

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i01WS_rms vs Slug



Right In: 132.636 $\pm$ 0.041 χ^2 /NDF: 1345299.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

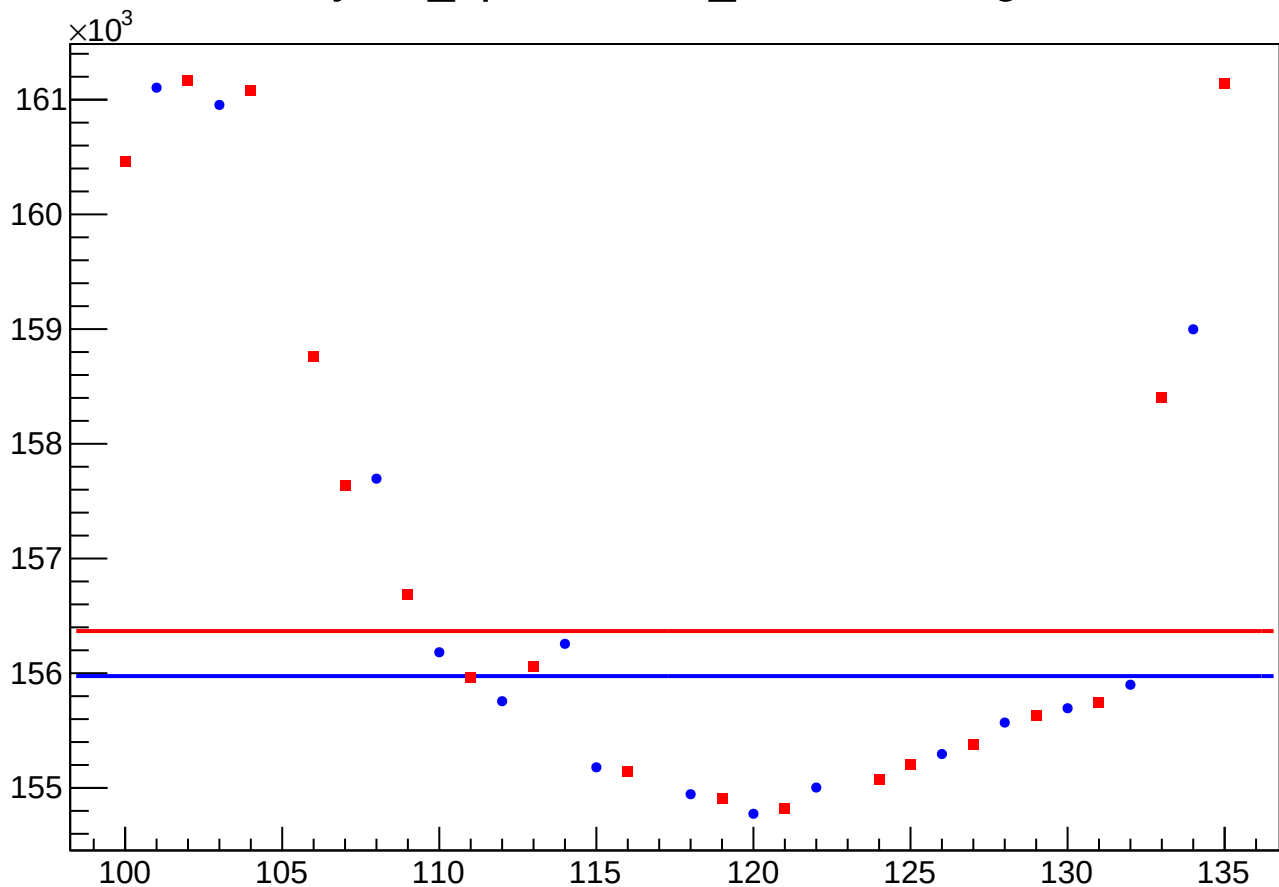
Right Out: 128.369 $\pm$ 0.036 χ^2 /NDF: 1589985.3/17

All: 130.274 $\pm$ 0.027 χ^2 /NDF: 2941427.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm2i02WS_mean vs Slug



Right In: 155974.964 $\pm$ 0.060 χ^2 /NDF: 494242685.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

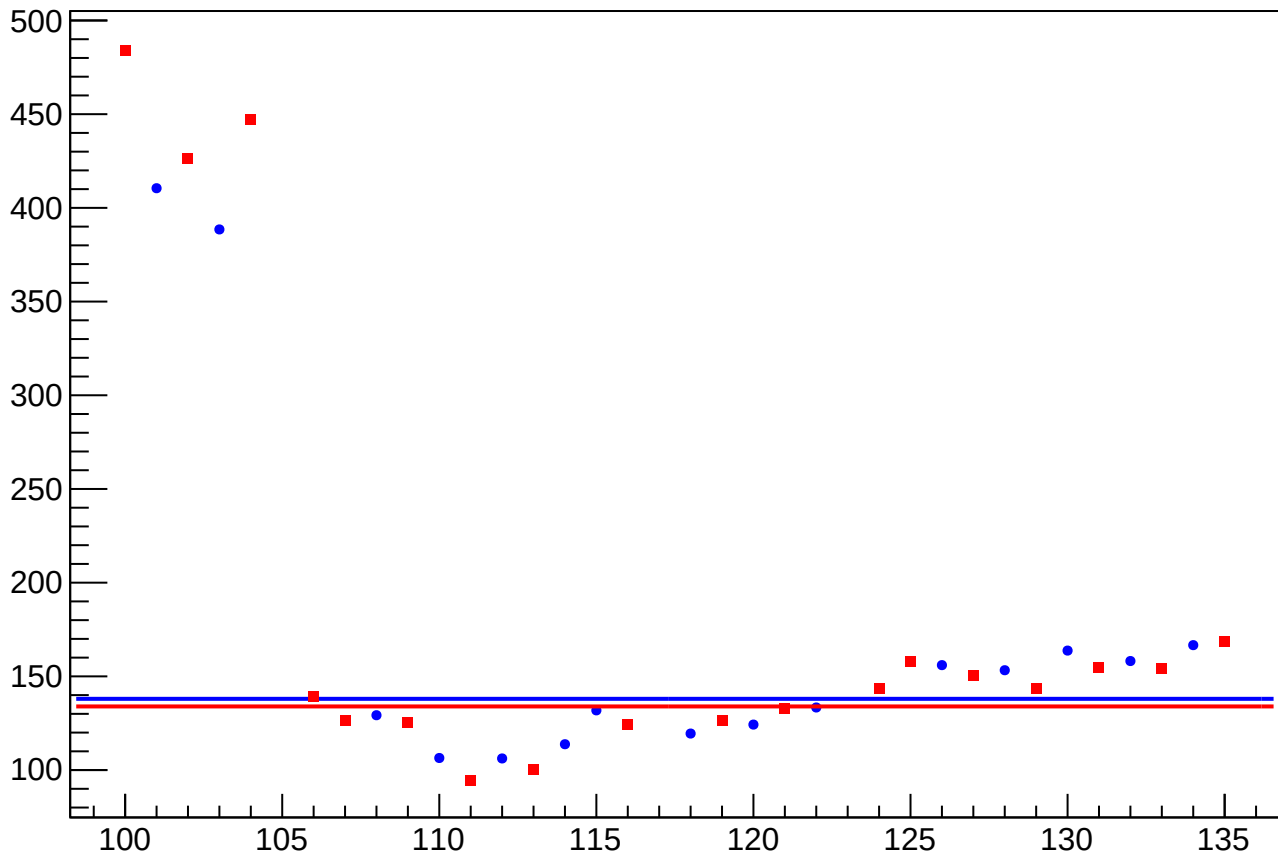
Right Out: 156367.440 $\pm$ 0.054 χ^2 /NDF: 932508141.4/17

All: 156191.755 $\pm$ 0.040 χ^2 /NDF: 145074253

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm2i02WS_rms vs Slug



Right In: 138.017 $\pm$ 0.042 χ^2 /NDF: 1317083.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

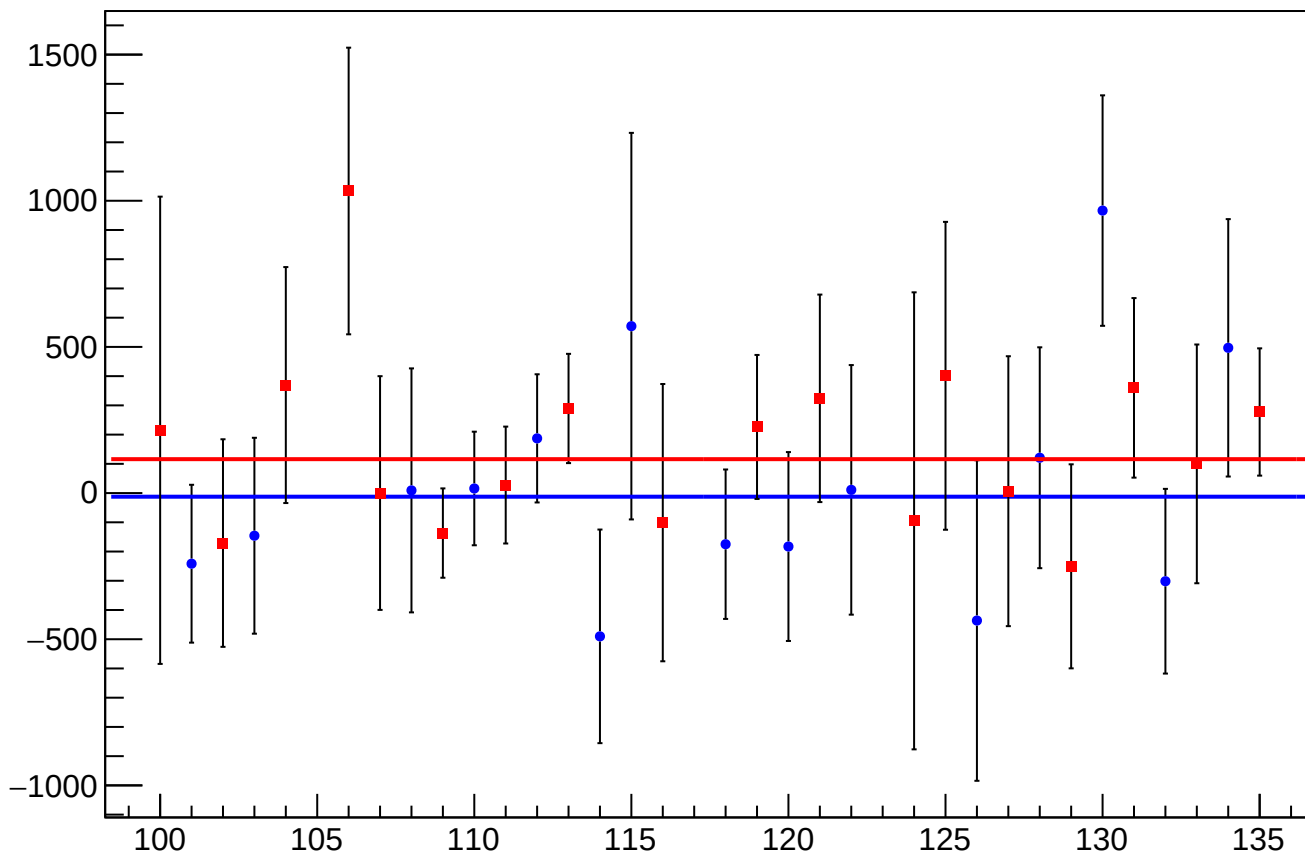
Right Out: 133.953 $\pm$ 0.038 χ^2 /NDF: 1554698.1/17

All: 135.772 $\pm$ 0.028 χ^2 /NDF: 2876925.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_target_mean vs Slug



Right In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 116.015 ± 69.468 χ^2/NDF : 11.9/17

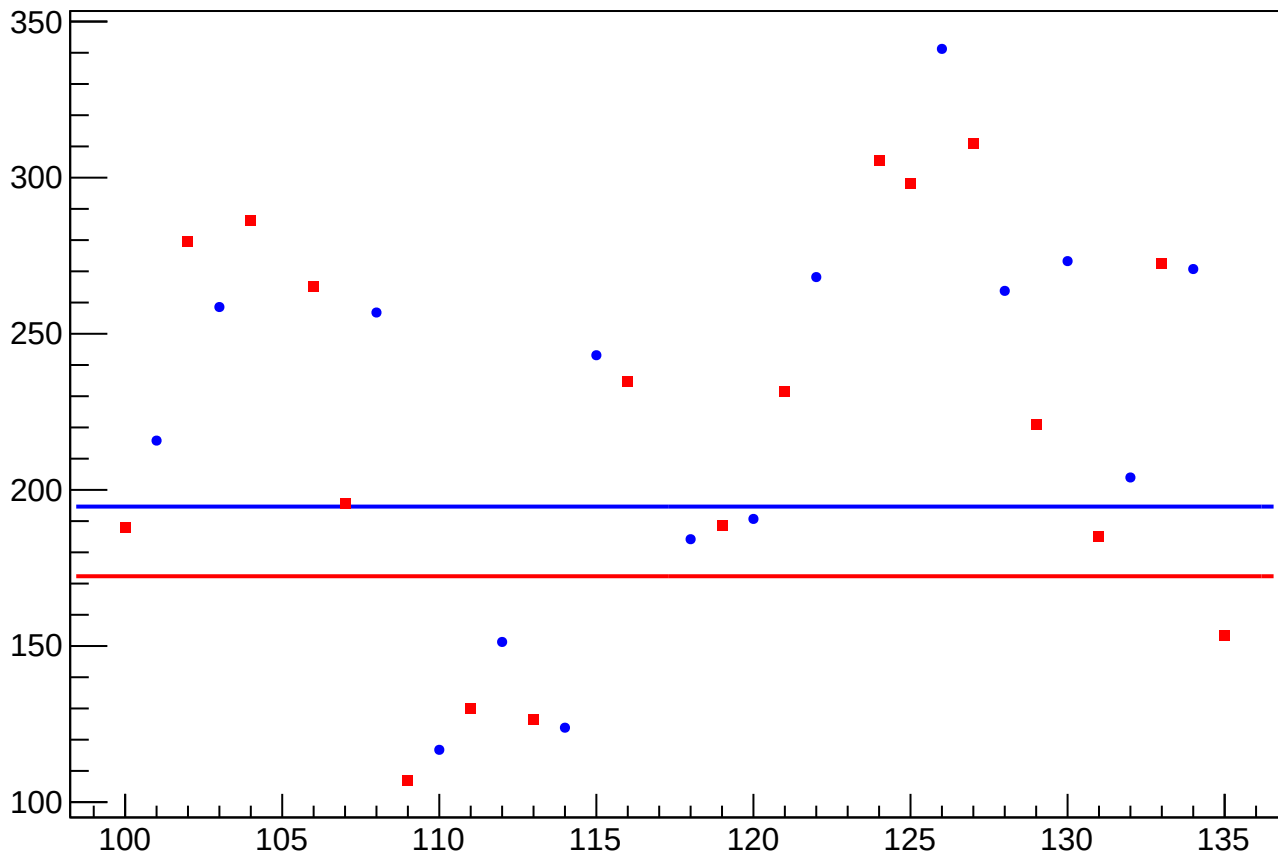
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.568 ± 53.077 χ^2/NDF : 27.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_target_rms vs Slug



Right In: 194.656+/-0.058 χ^2/NDF : 1028743.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.346+/-0.049 χ^2/NDF : 1629420.3/17

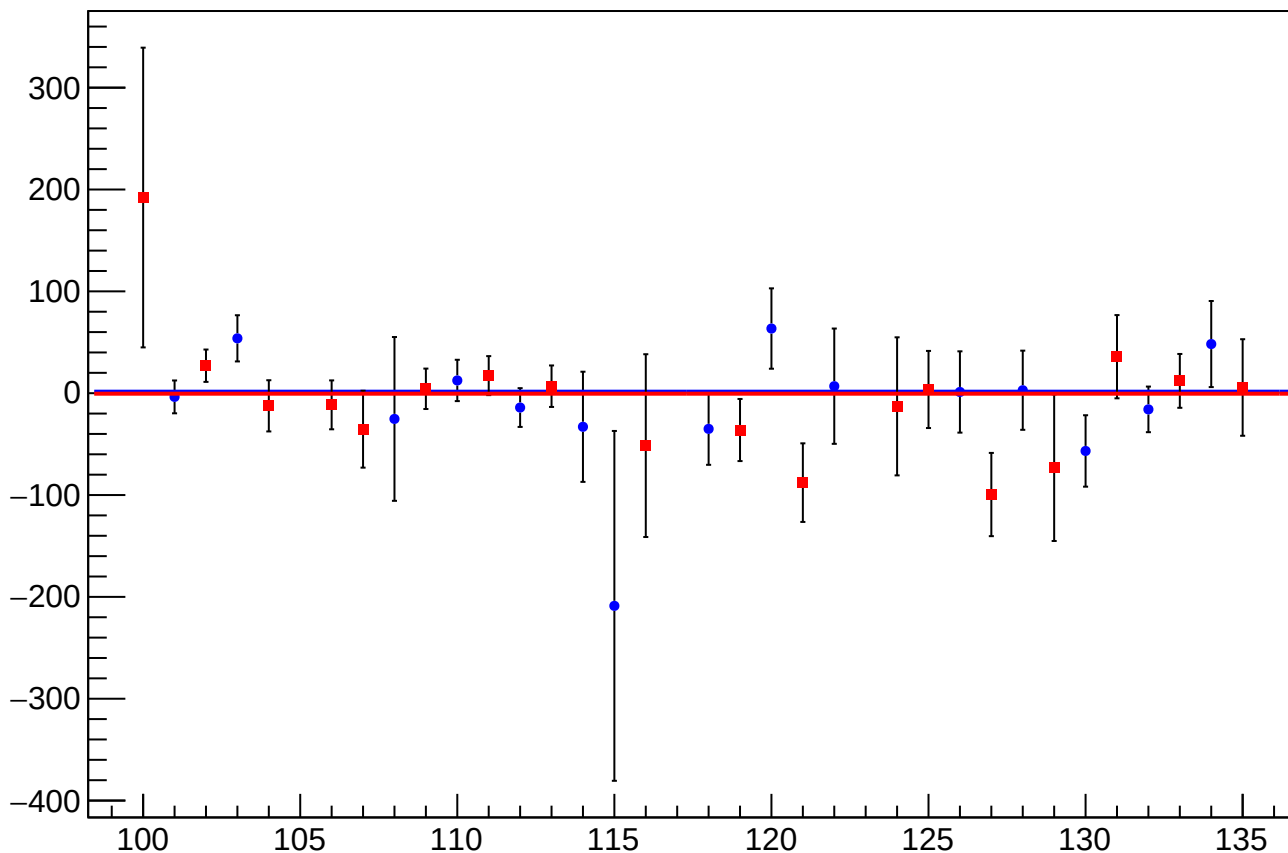
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.632+/-0.038 χ^2/NDF : 2744022.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_mean vs Slug



Right In: 1.493+/-7.470 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.491+/-6.779 χ^2/NDF : 21.8/17

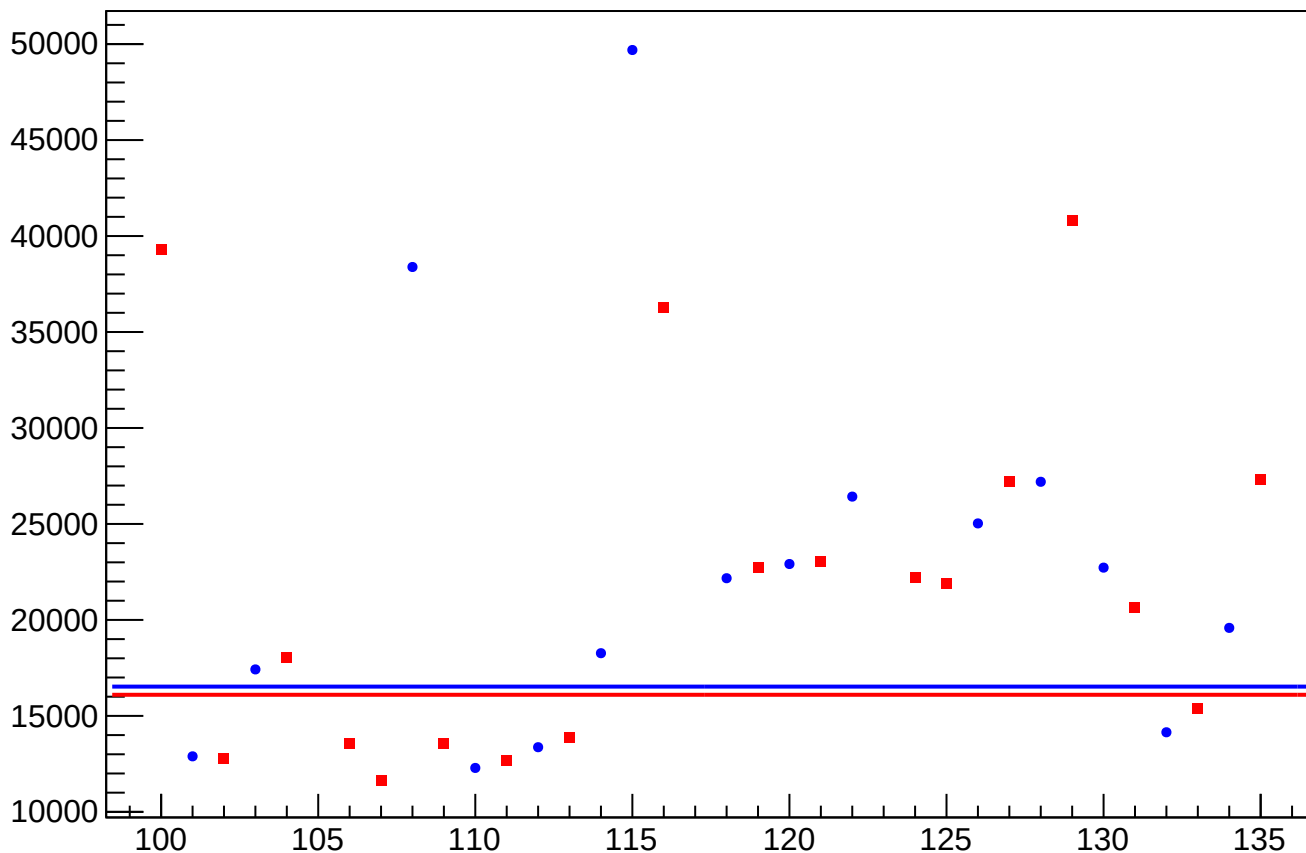
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.405+/-5.020 χ^2/NDF : 38.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_diff_rms vs Slug



Right In: 16525.994+/-5.282 χ^2/NDF : 973060.6/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

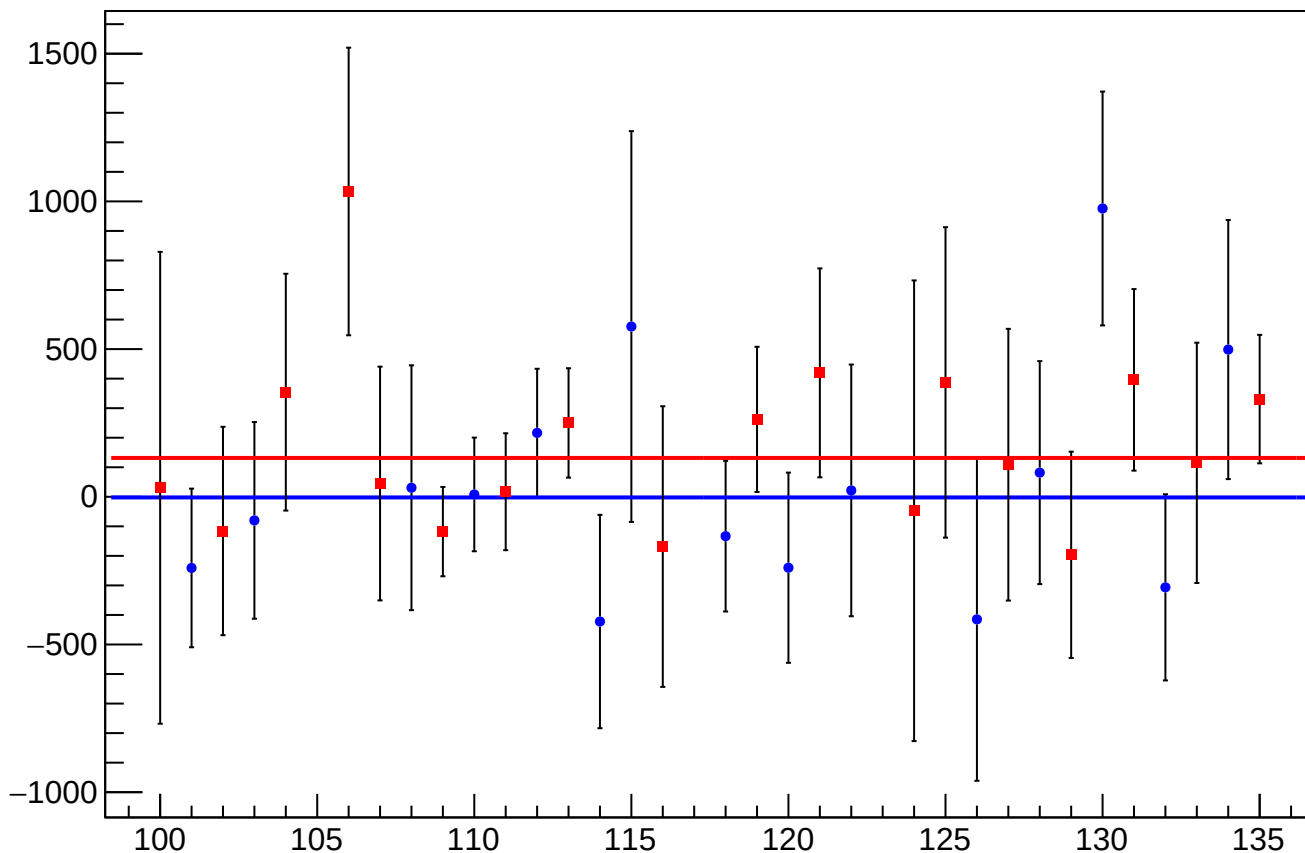
Right Out: 16099.787+/-4.793 χ^2/NDF : 1168057.4/17

All: 16292.275+/-3.550 χ^2/NDF : 2144688.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_mean vs Slug



Right In: -2.113 ± 81.793 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 131.548 ± 69.035 χ^2/NDF : 11.9/17

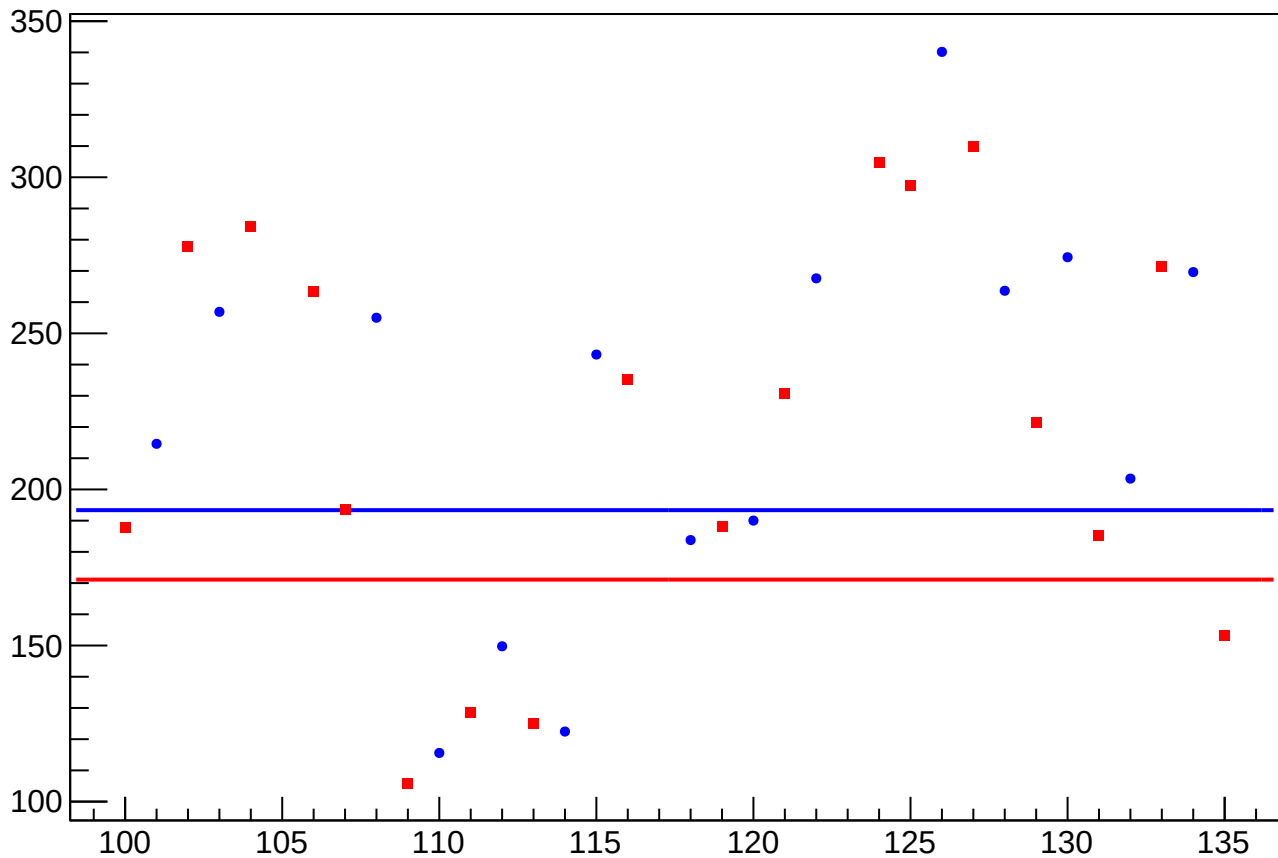
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 75.943 ± 52.756 χ^2/NDF : 27.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds_rms vs Slug



Right In: 193.364+/-0.058 χ^2/NDF : 1049560.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.121+/-0.049 χ^2/NDF : 1650981.1/17

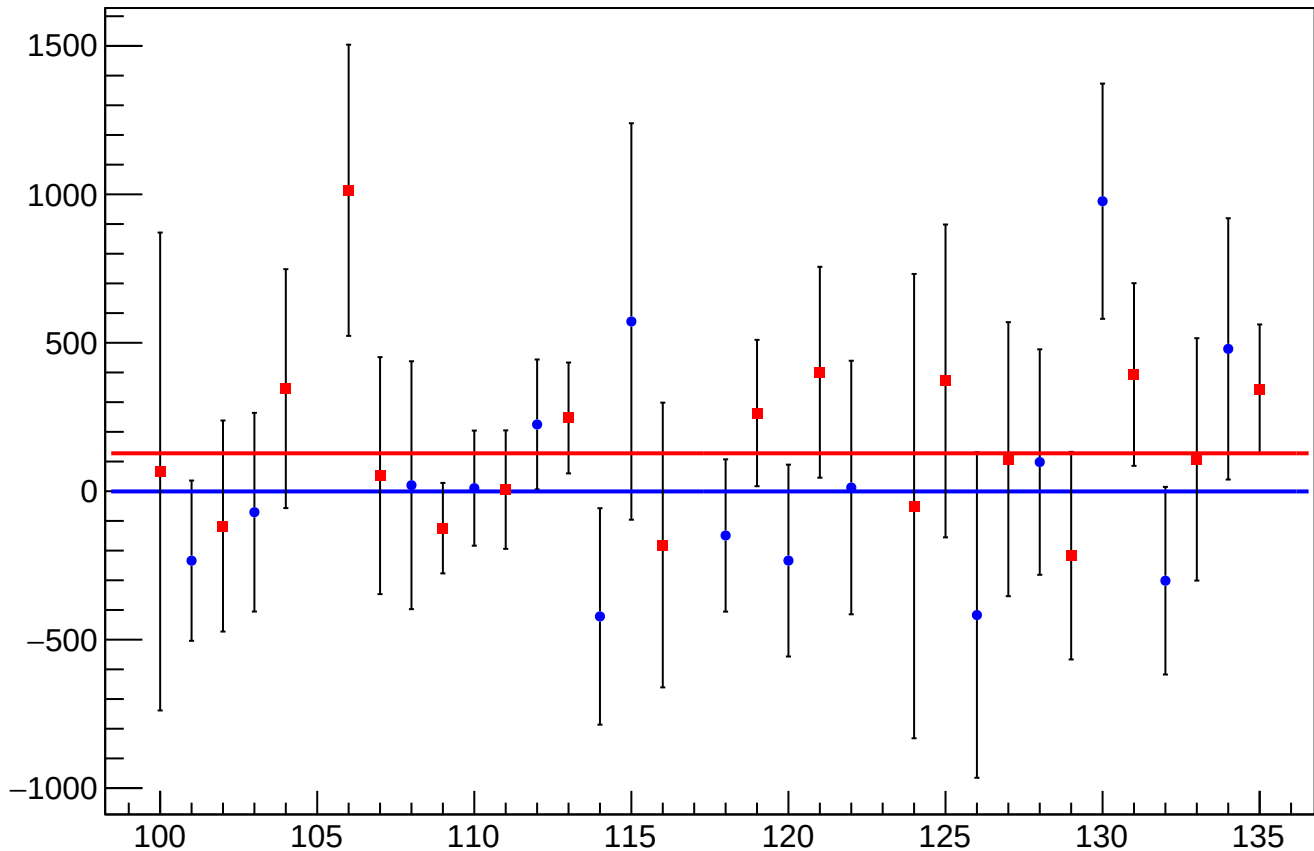
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.374+/-0.037 χ^2/NDF : 2786912.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_mean vs Slug



Right In: -0.708 ± 82.280 χ^2/NDF : 13.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 127.734 ± 69.425 χ^2/NDF : 11.9/17

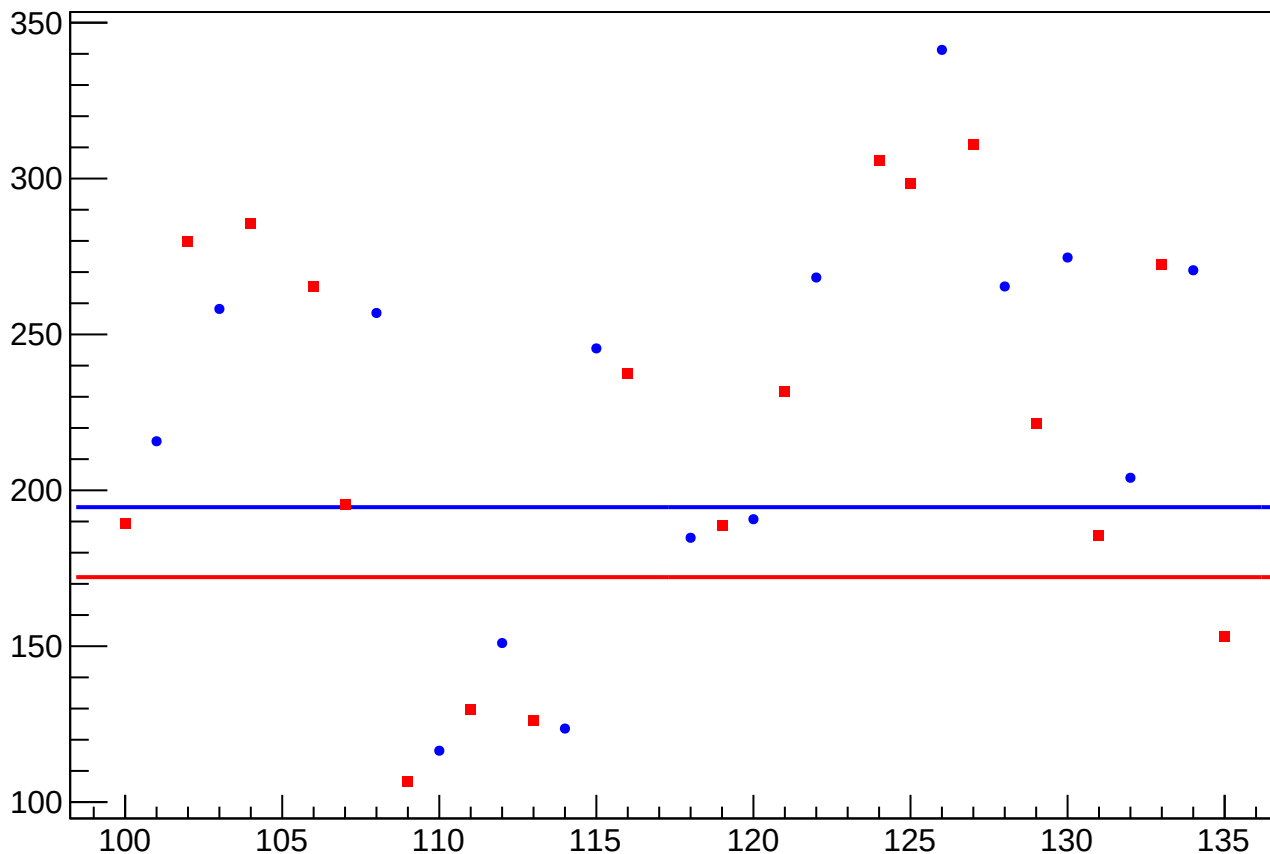
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 74.319 ± 53.060 χ^2/NDF : 26.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_ds3_rms vs Slug



Right In: 194.600+/-0.058 χ^2/NDF : 1038990.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.155+/-0.049 χ^2/NDF : 1640198.3/17

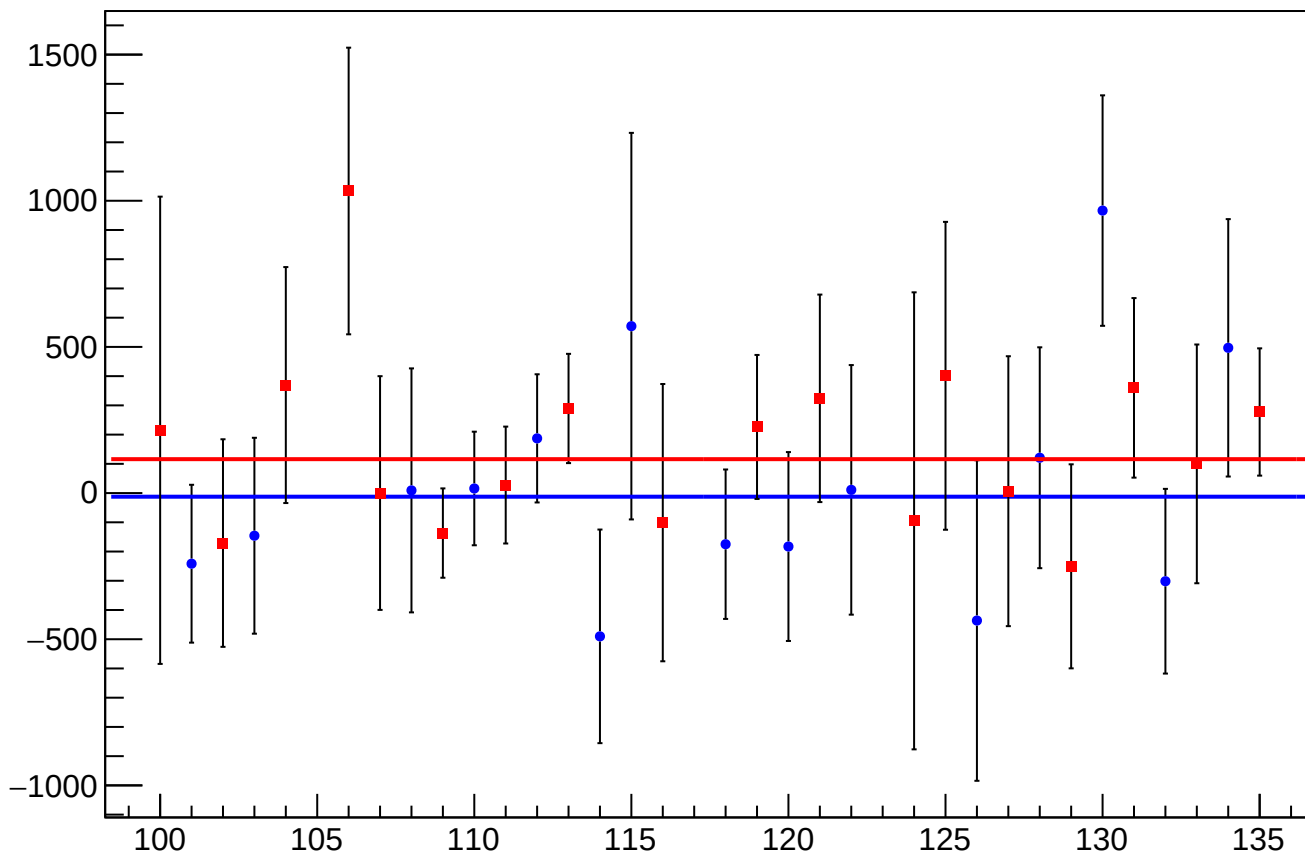
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.489+/-0.038 χ^2/NDF : 2766125.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_mean vs Slug



Right In: -12.391 ± 82.269 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 116.015 ± 69.468 χ^2/NDF : 11.9/17

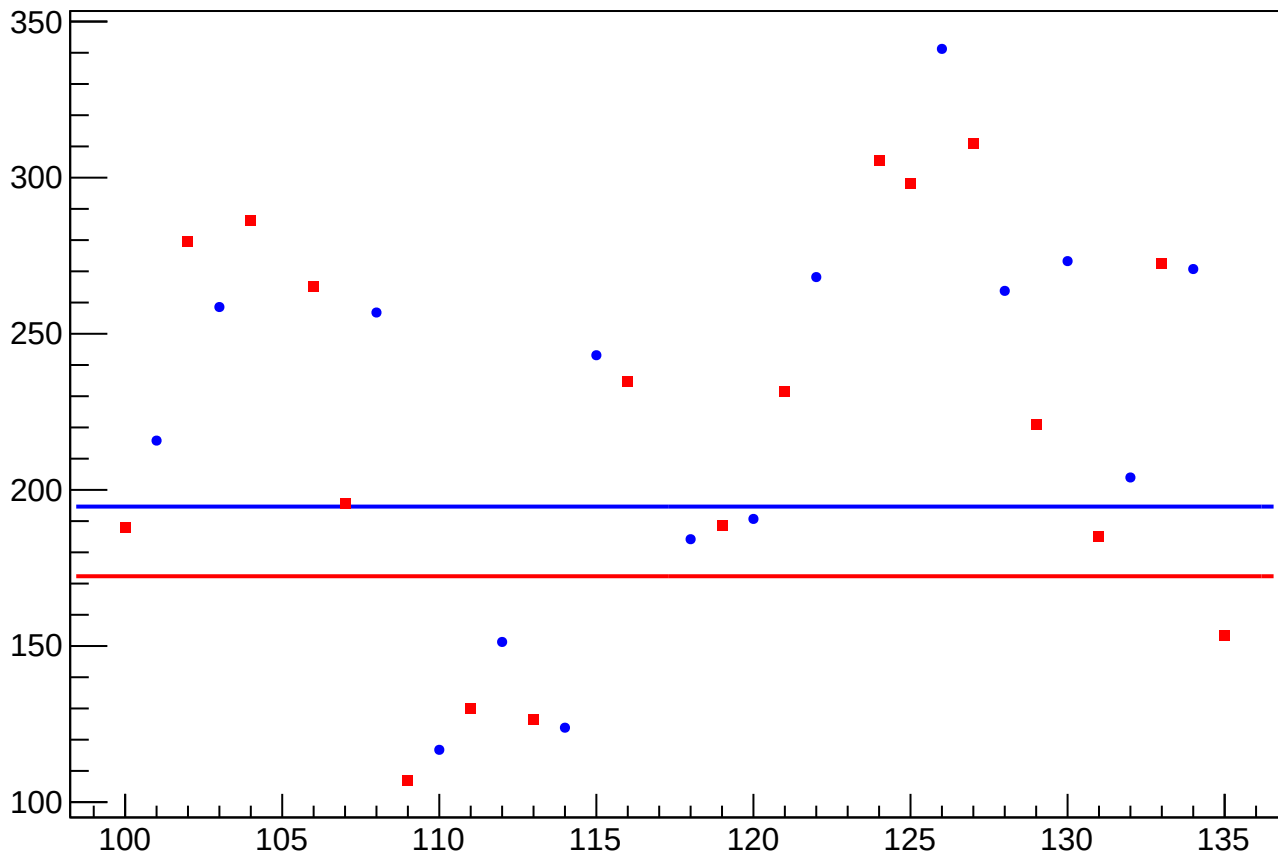
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.568 ± 53.077 χ^2/NDF : 27.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_rms vs Slug



Right In: 194.656+/-0.058 χ^2/NDF : 1028743.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.346+/-0.049 χ^2/NDF : 1629420.3/17

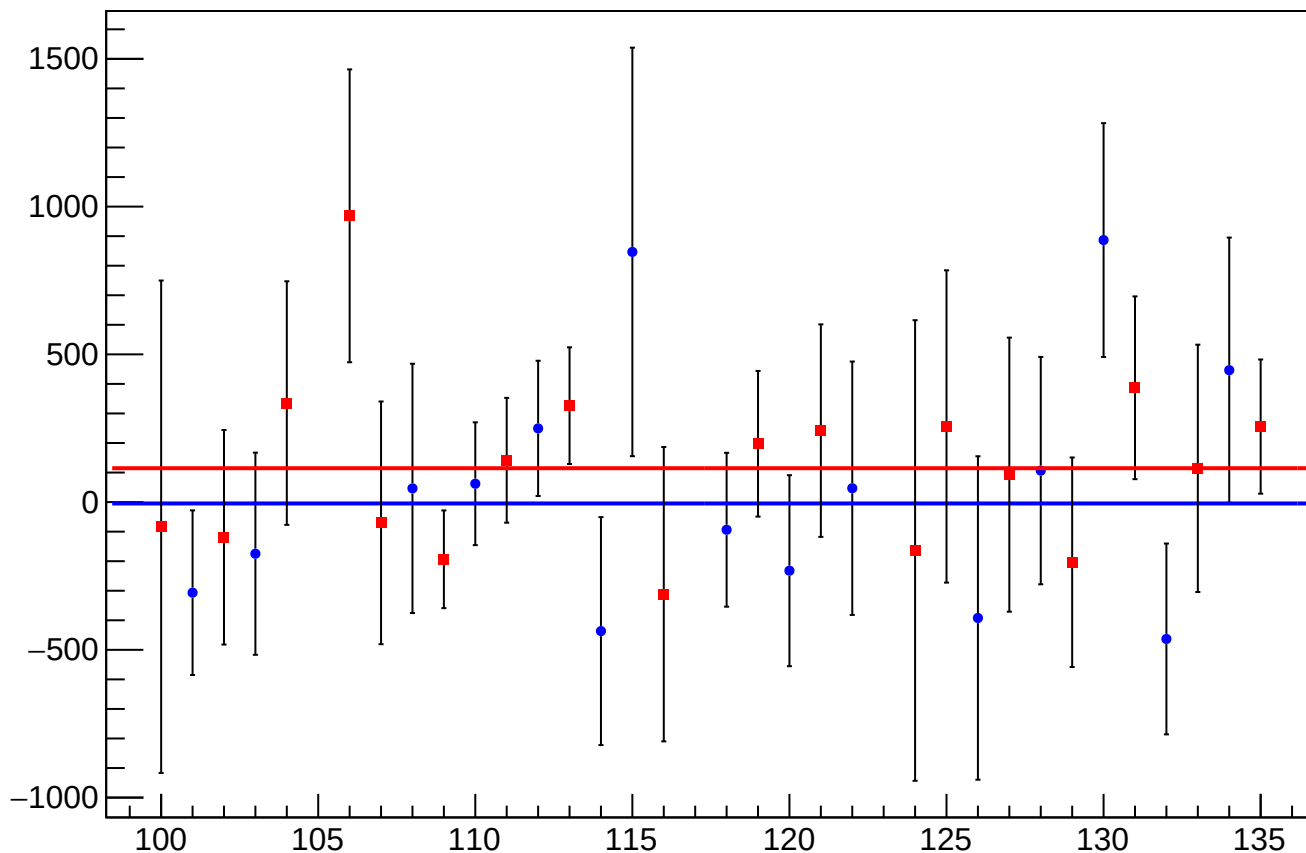
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 181.632+/-0.038 χ^2/NDF : 2744022.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_mean vs Slug



Right In: -4.603 ± 84.848 χ^2/NDF : 14.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 114.662 ± 72.322 χ^2/NDF : 11.7/17

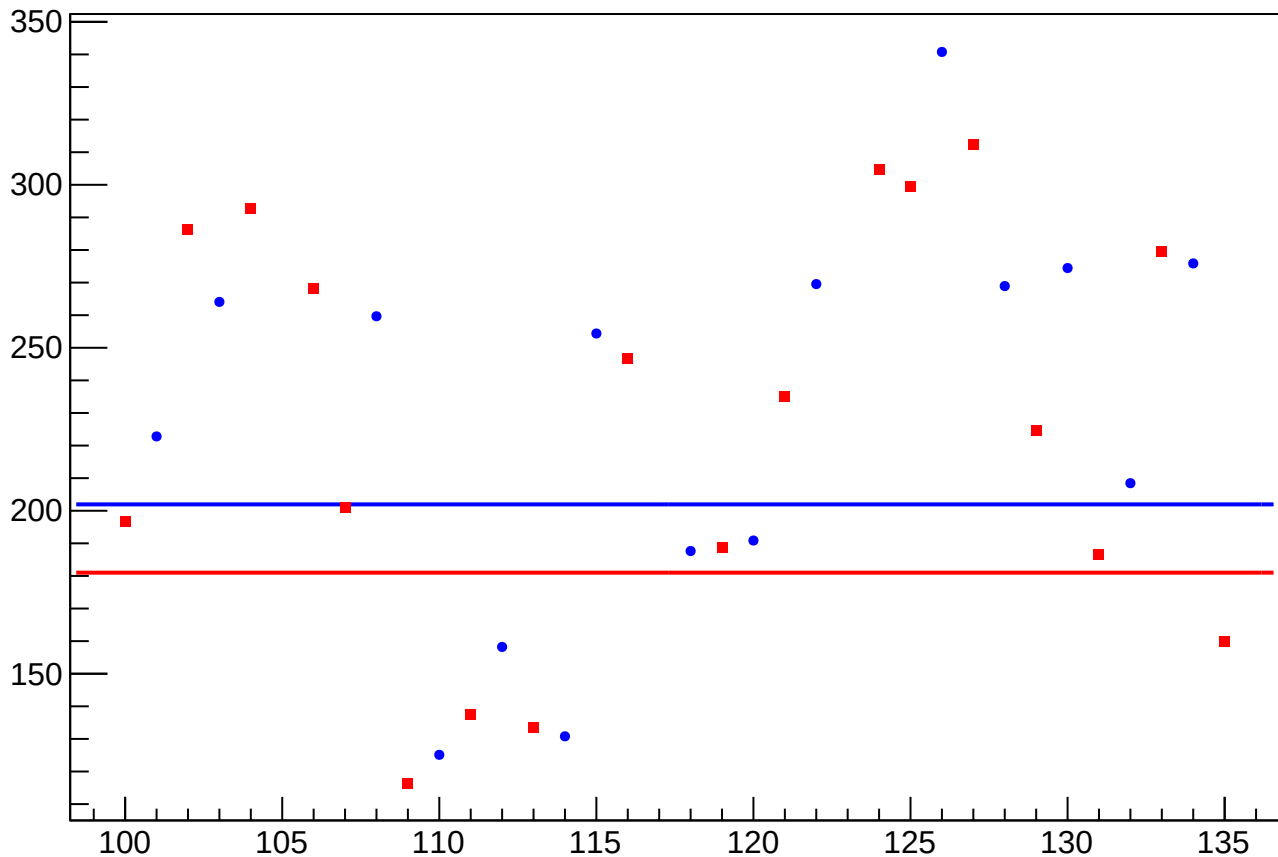
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 64.475 ± 55.041 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_rms vs Slug



Right In: 201.956+/-0.060 χ^2/NDF : 910221.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

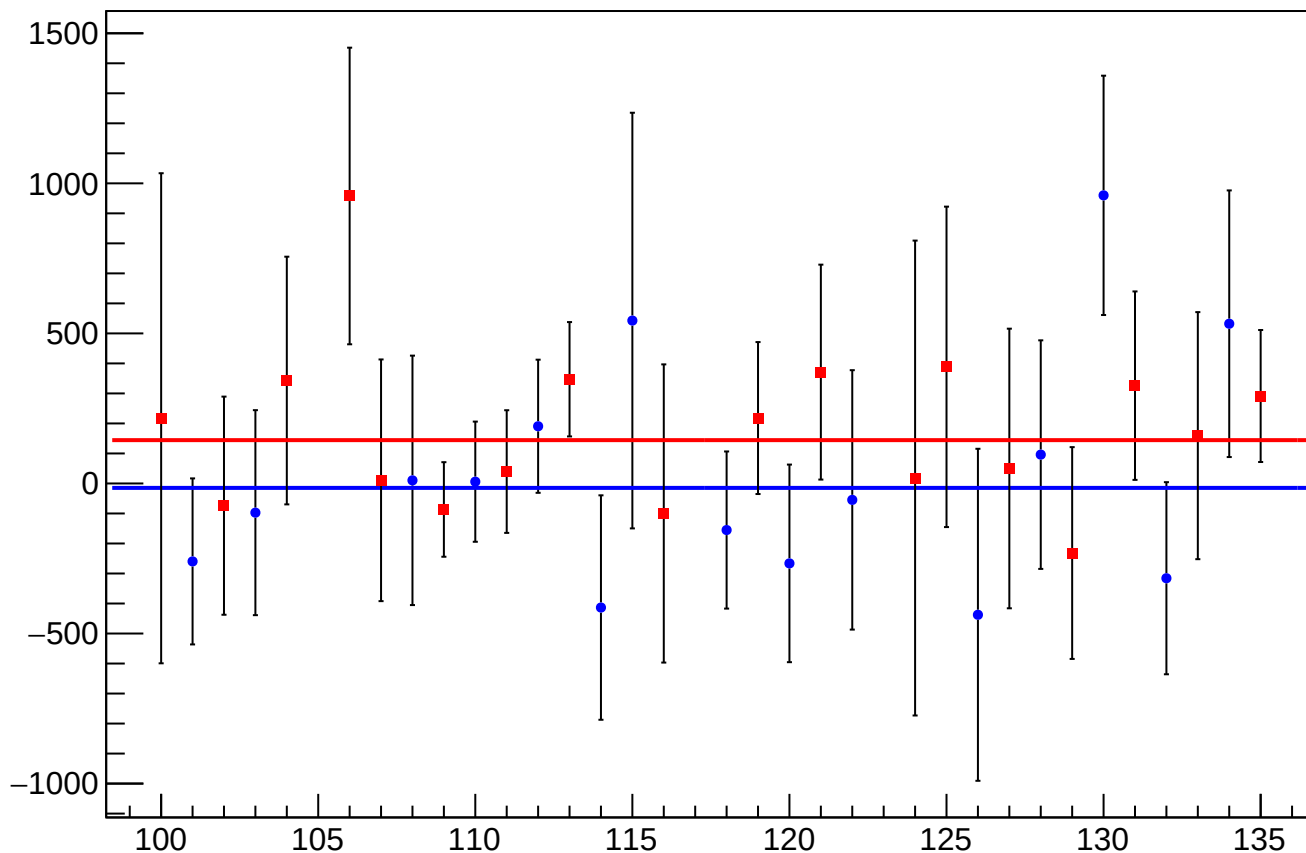
Right Out: 181.009+/-0.051 χ^2/NDF : 1439726.0/17

All: 189.824+/-0.039 χ^2/NDF : 2420547.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_mean vs Slug



Right In: -14.751+/-83.800 χ^2/NDF : 13.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 144.345+/-70.903 χ^2/NDF : 9.9/17

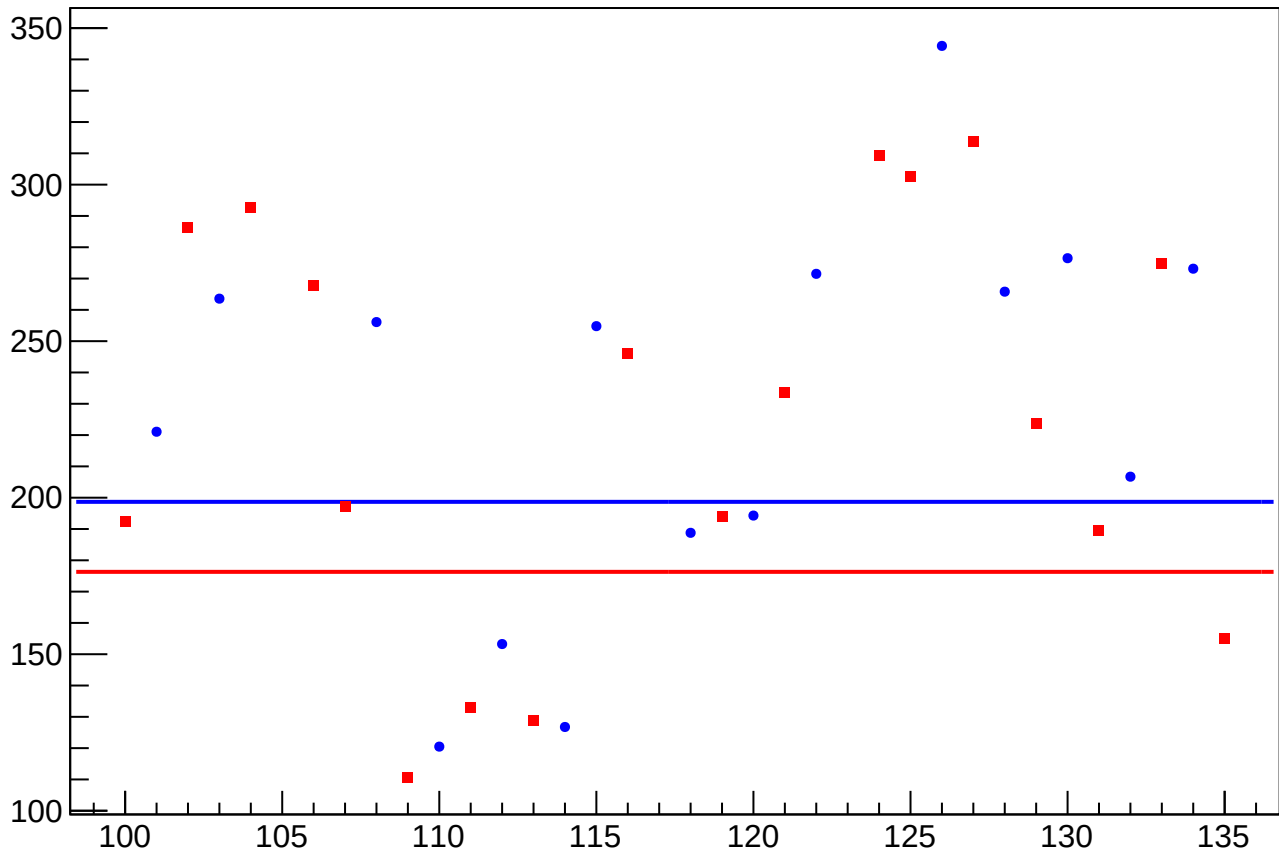
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 77.969+/-54.128 χ^2/NDF : 25.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_rms vs Slug



Right In: 198.675 $\pm$ 0.059 χ^2 /NDF: 994065.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 176.312 $\pm$ 0.050 χ^2 /NDF: 1594349.5/17

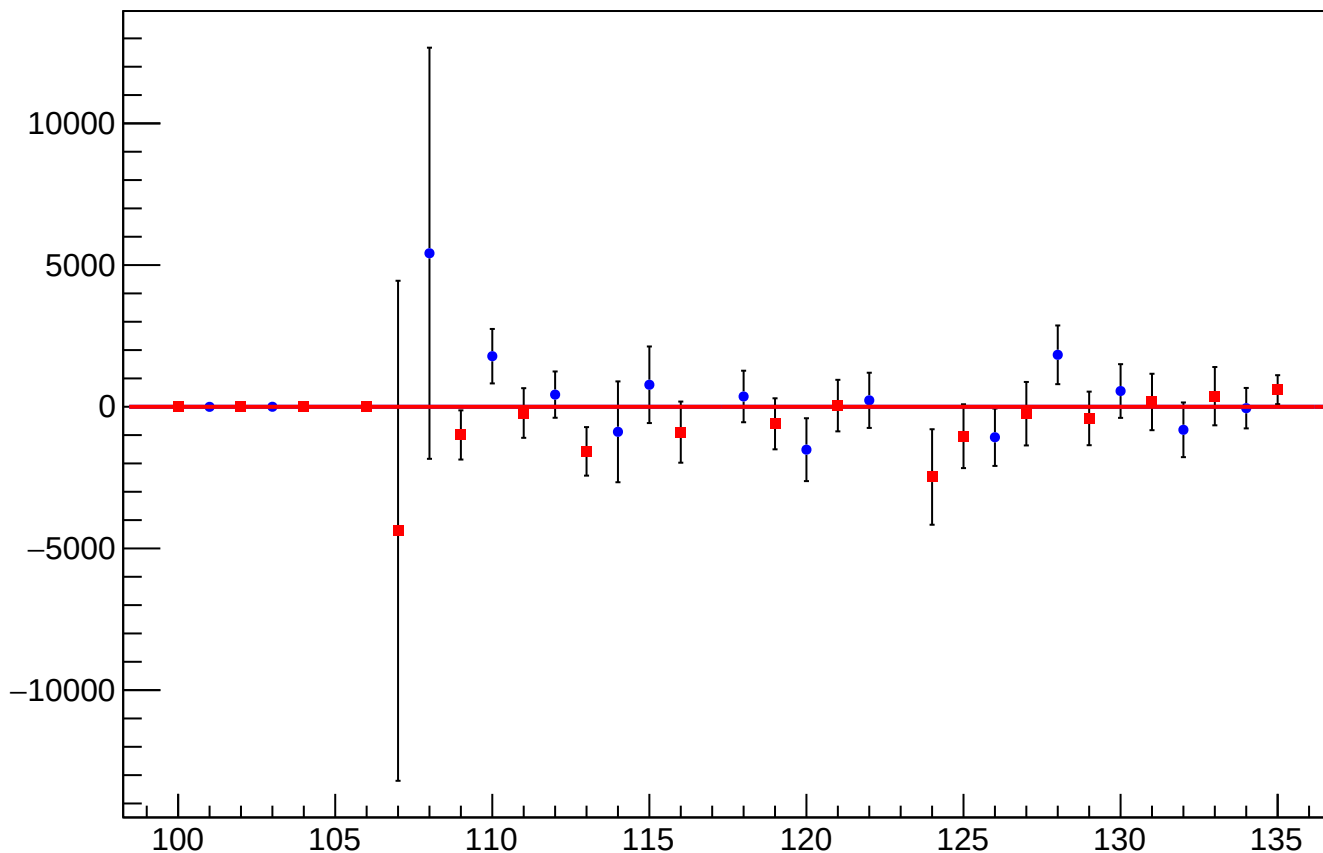
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 185.642 $\pm$ 0.038 χ^2 /NDF: 2671427.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4bQ_mean vs Slug



Right In: -1.206+/-2.171 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.382+/-2.022 χ^2/NDF : 16.1/17

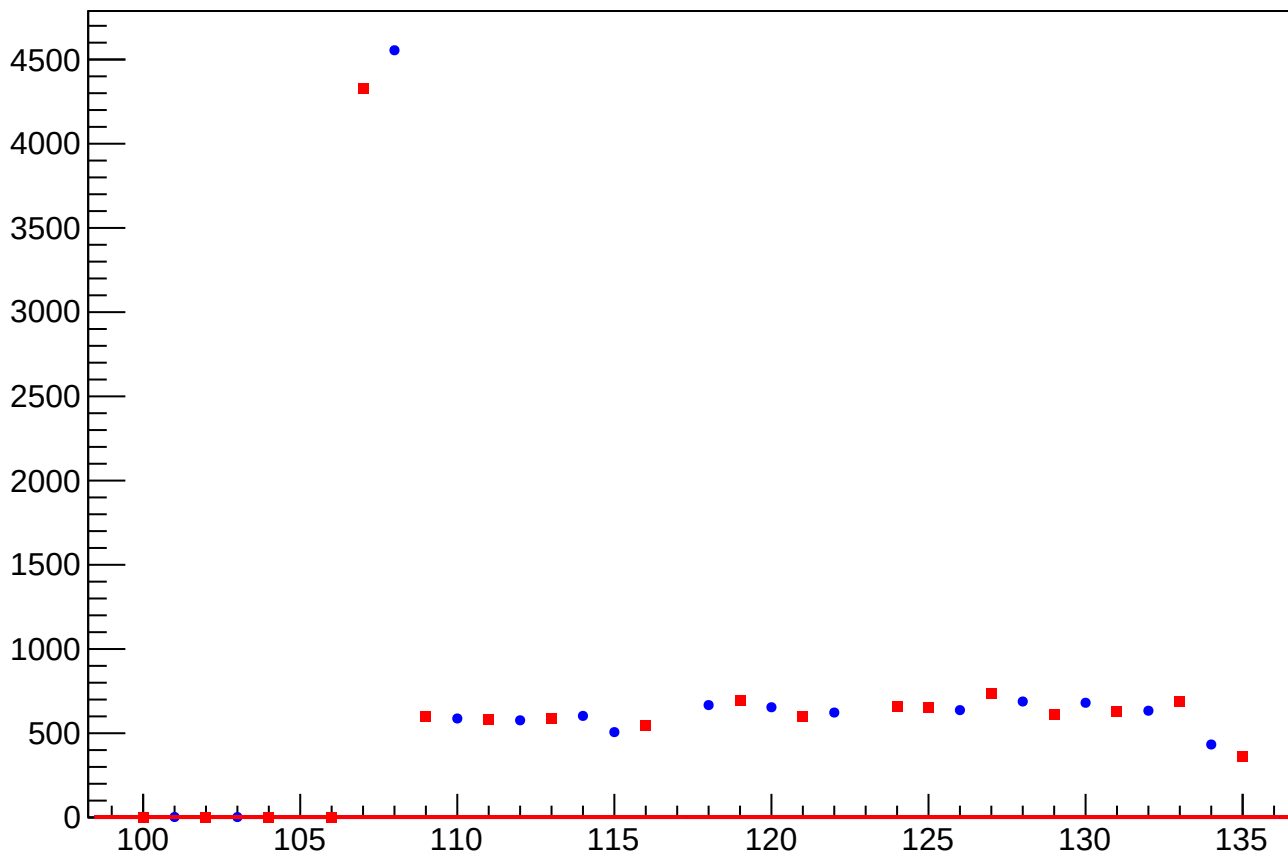
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.300+/-1.480 χ^2/NDF : 28.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4bQ_rms vs Slug



Right In: 2.465+/-0.002 χ^2/NDF : 9884041.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.460+/-0.001 χ^2/NDF : 11148074.6/17

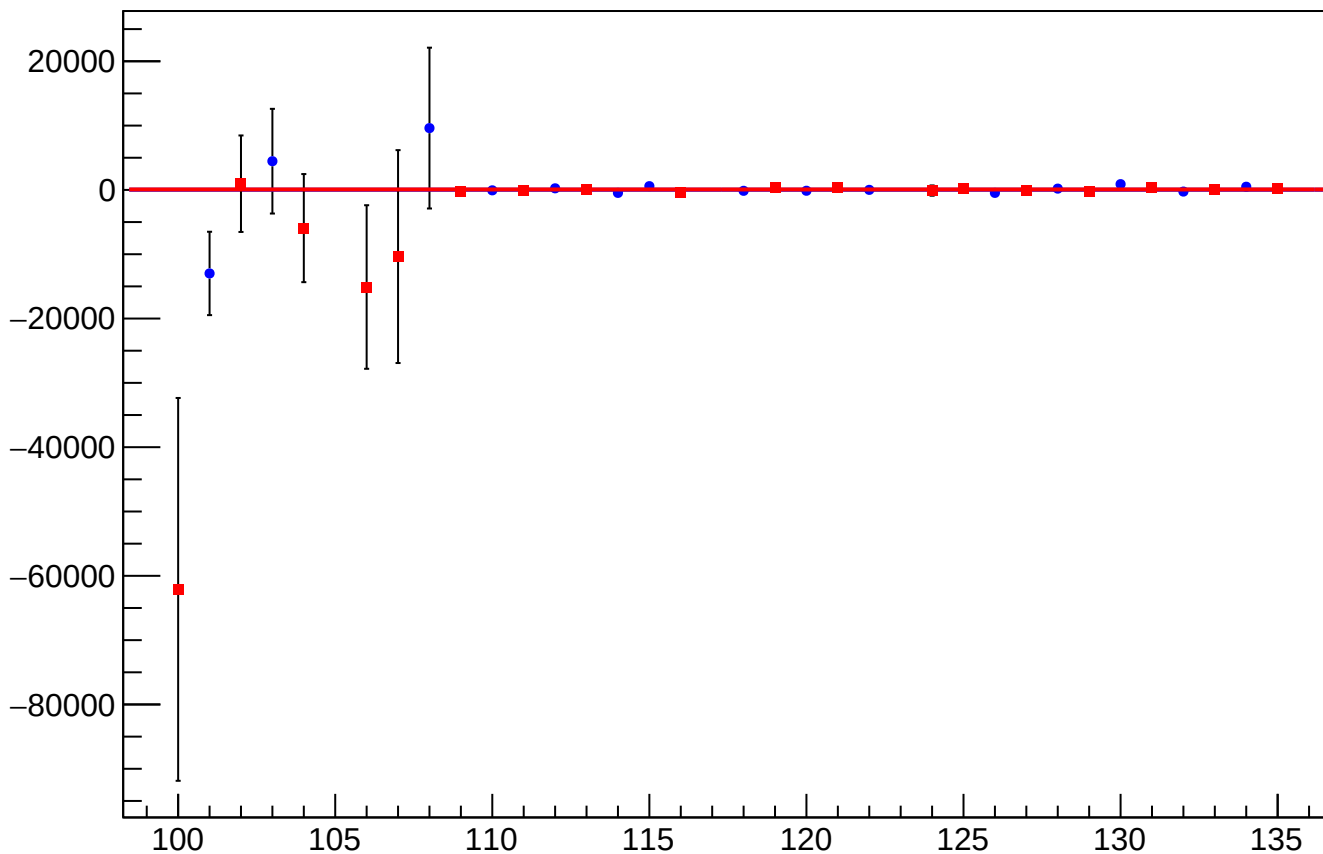
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.462+/-0.001 χ^2/NDF : 21032122.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_mean vs Slug



Right In: 28.945+/-95.674 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.075+/-83.049 χ^2/NDF : 13.2/17

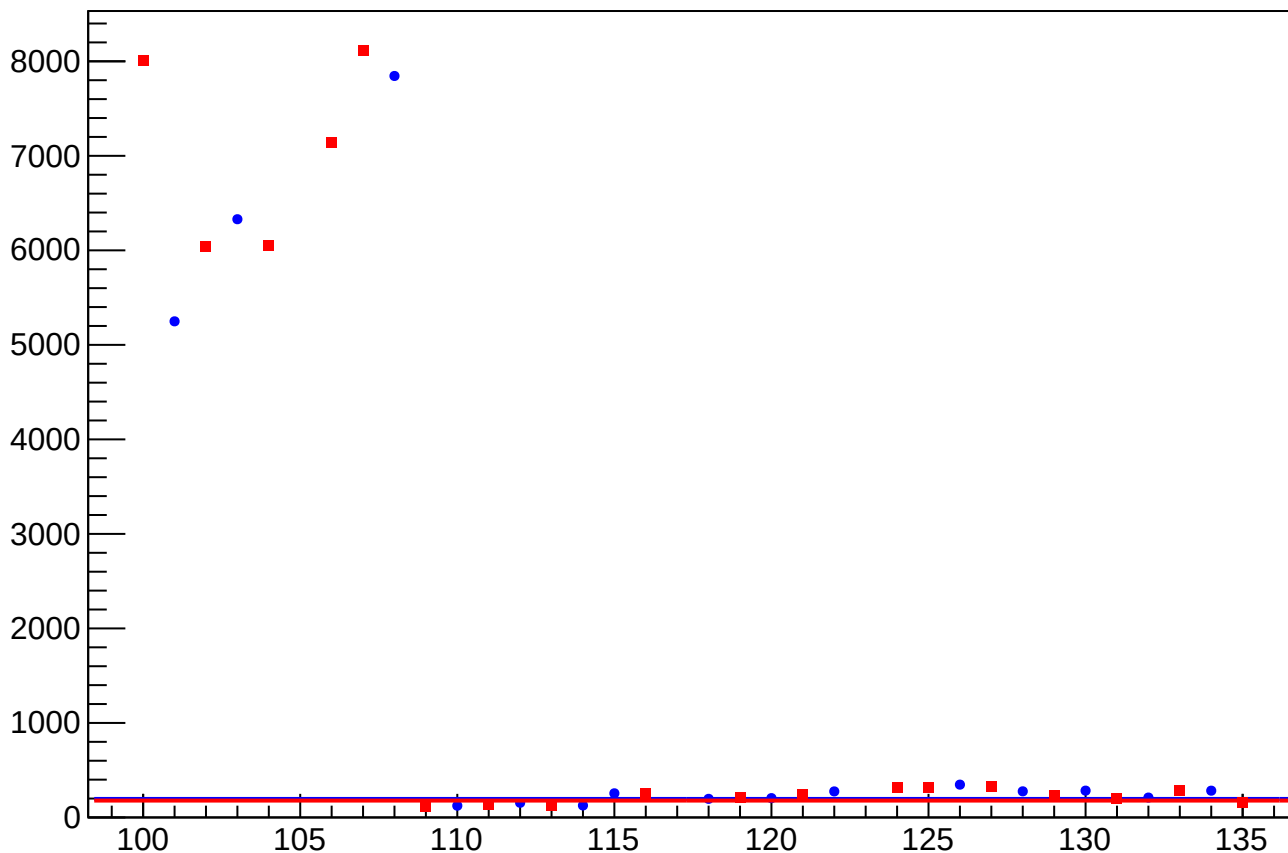
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.260+/-62.716 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4cQ_rms vs Slug



Right In: 195.818+/-0.068 χ^2/NDF : 3952686.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.615+/-0.059 χ^2/NDF : 4415027.7/17

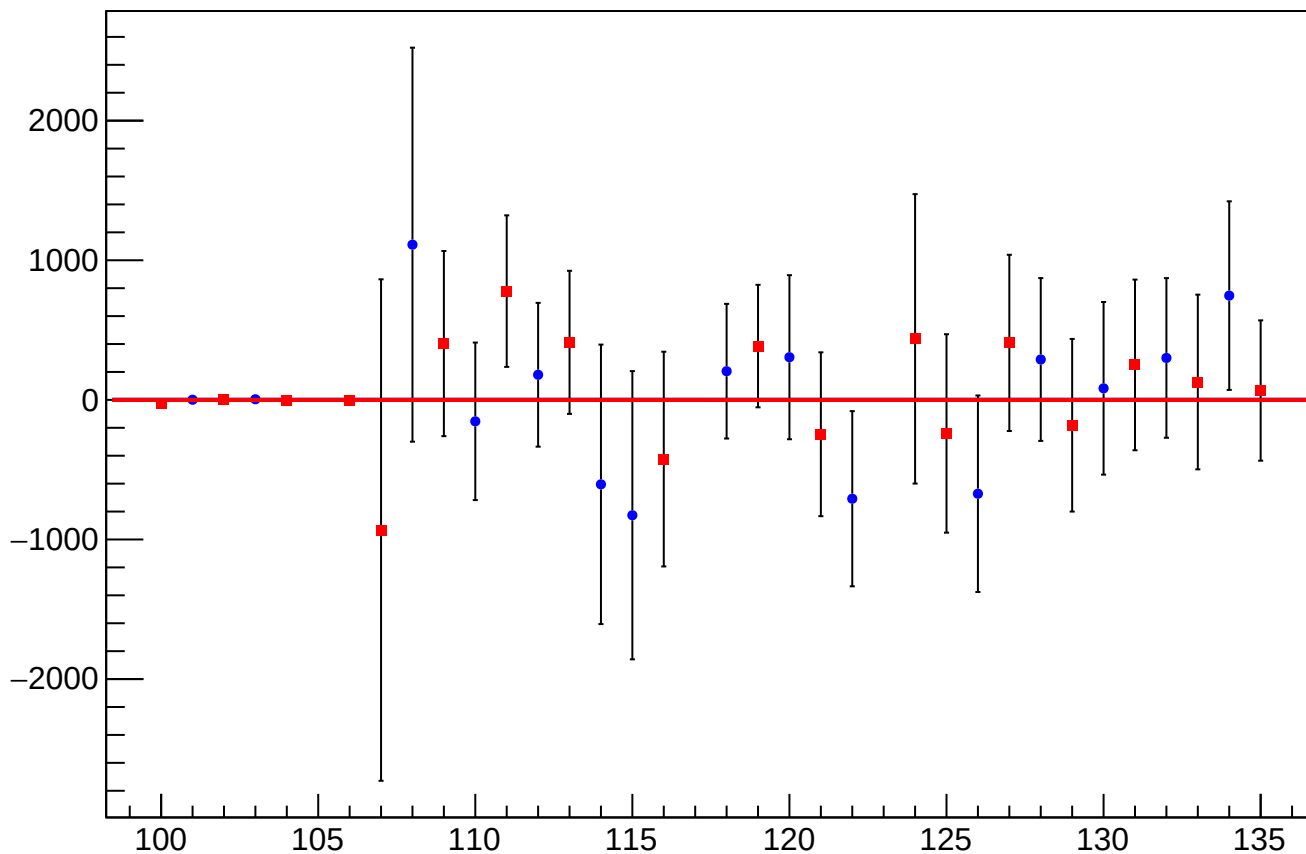
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 186.007+/-0.044 χ^2/NDF : 8404591.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_cav4dQ_mean vs Slug



Right In: 1.448 $\pm$ 1.660 χ^2 /NDF: 6.7/14

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

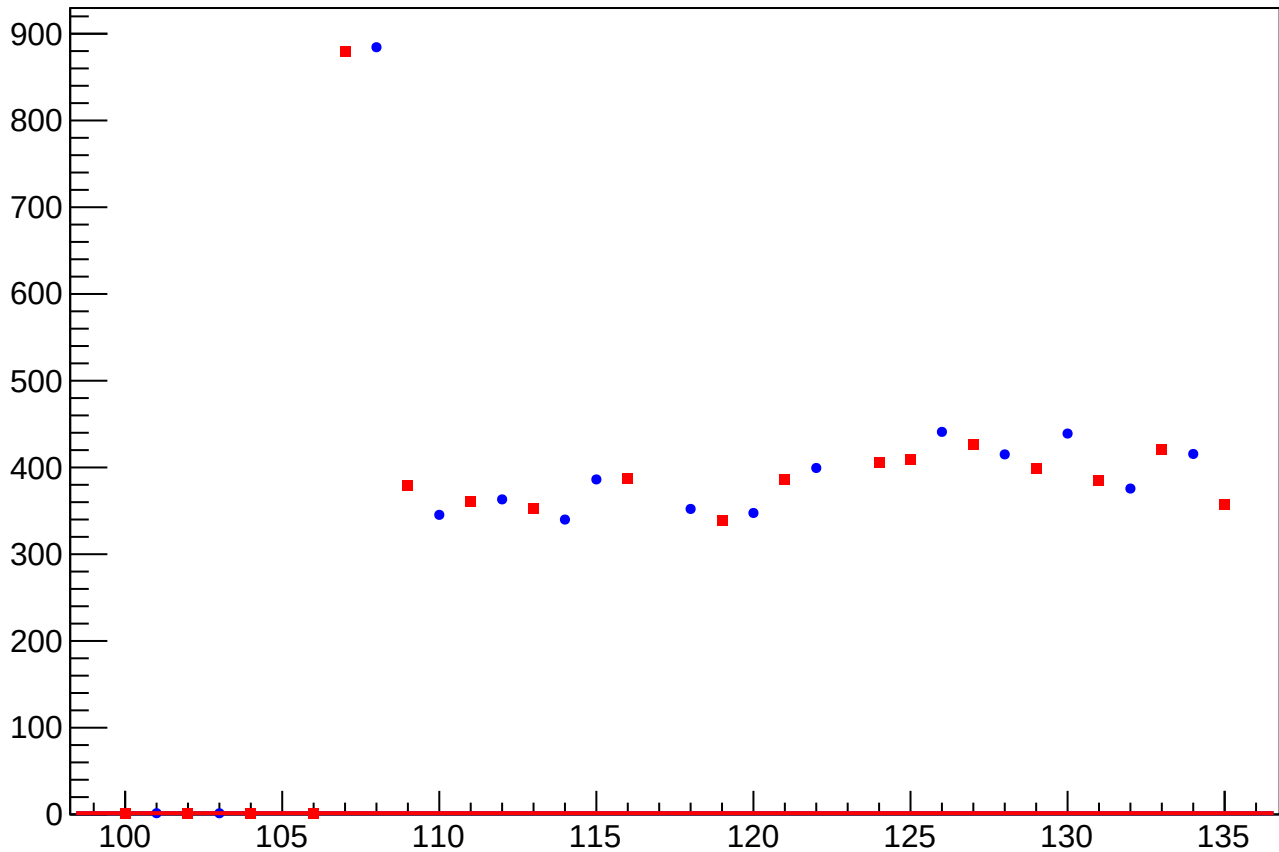
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.070 $\pm$ 1.124 χ^2 /NDF: 16.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_cav4dQ_rms vs Slug



Right In: 1.464+/-0.001 χ^2/NDF : 9973583.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.466+/-0.001 χ^2/NDF : 10869049.8/17

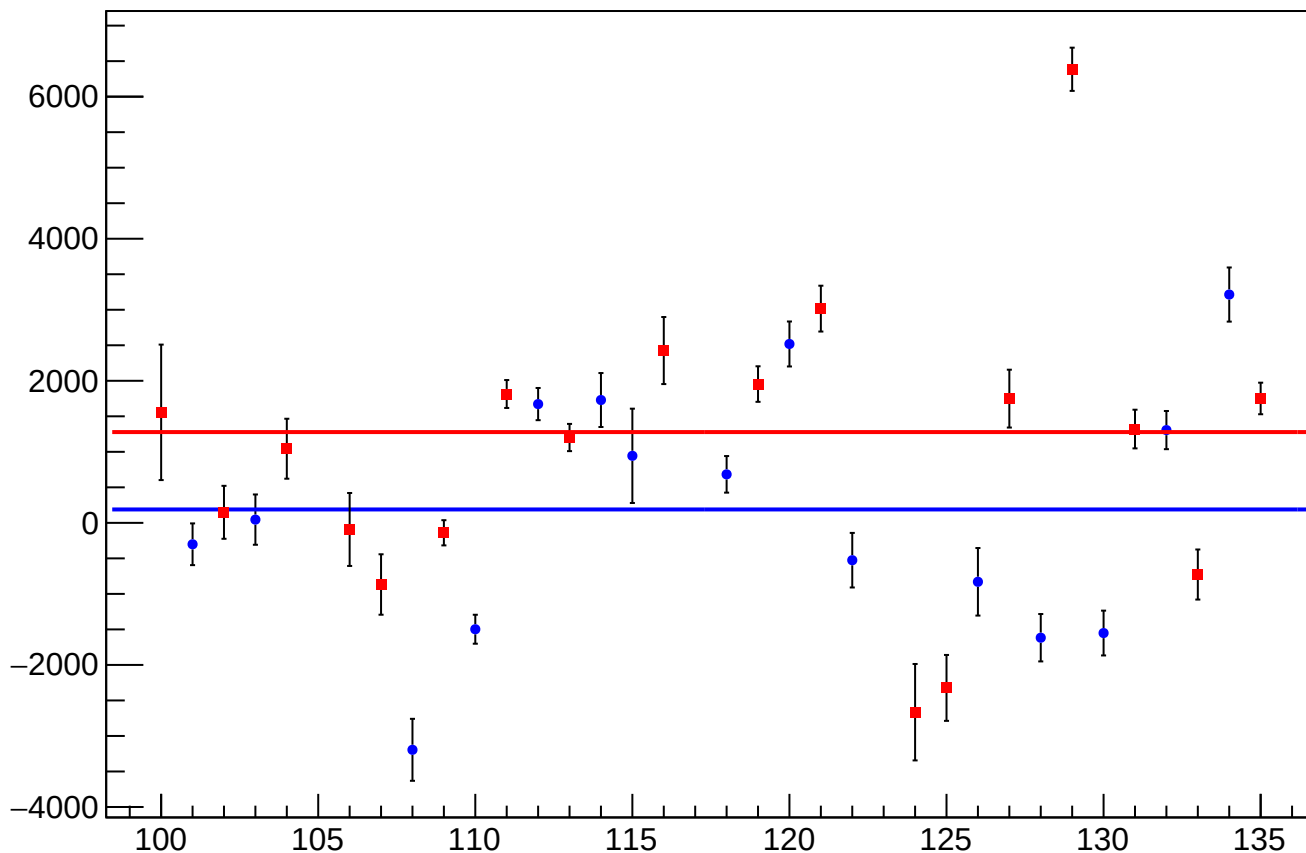
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.465+/-0.001 χ^2/NDF : 20842635.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_mean vs Slug



Right In: 188.703+/-80.690 χ^2/NDF : 398.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1278.086+/-70.080 χ^2/NDF : 569.9/17

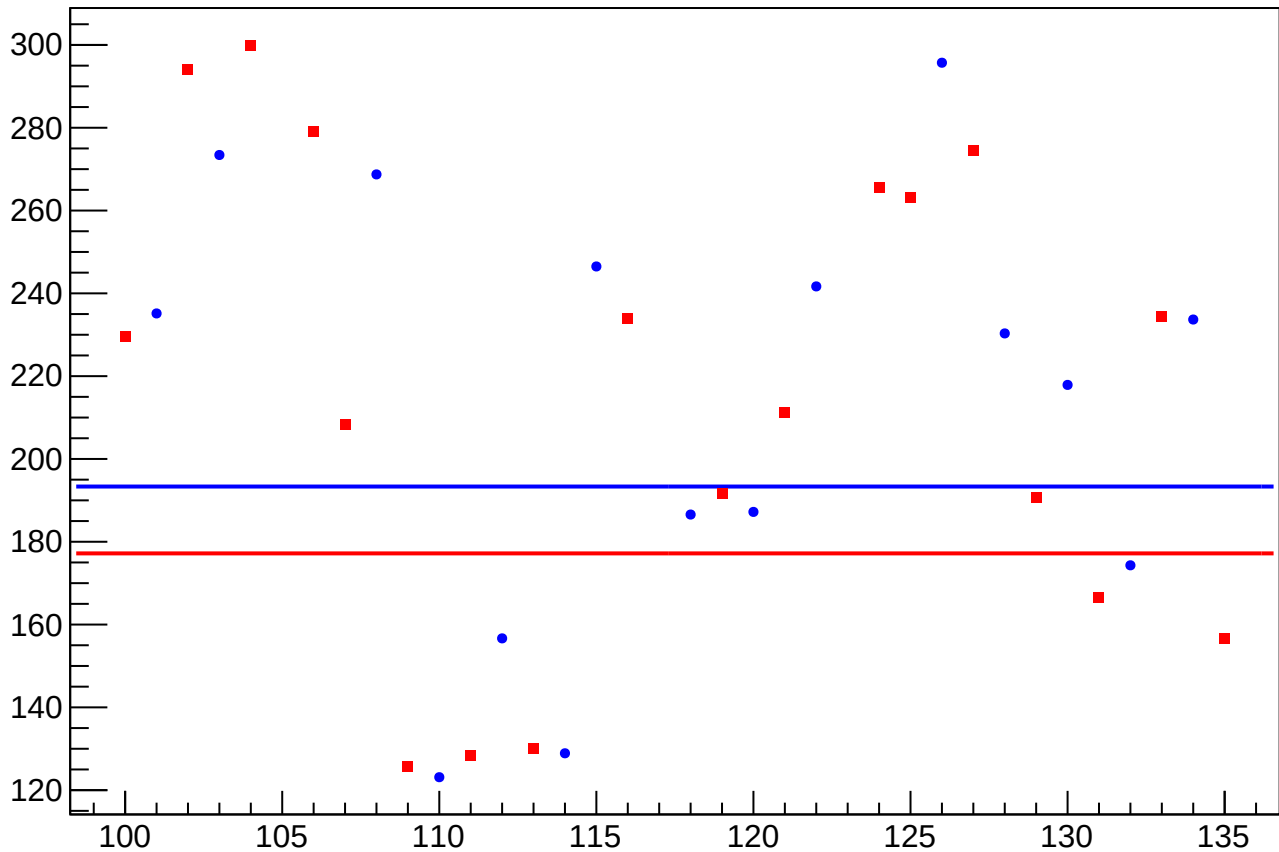
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 809.681+/-52.910 χ^2/NDF : 1071.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm0l02_rms vs Slug



Right In: 193.339+/-0.057 χ^2/NDF : 758293.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.191+/-0.050 χ^2/NDF : 1226130.8/17

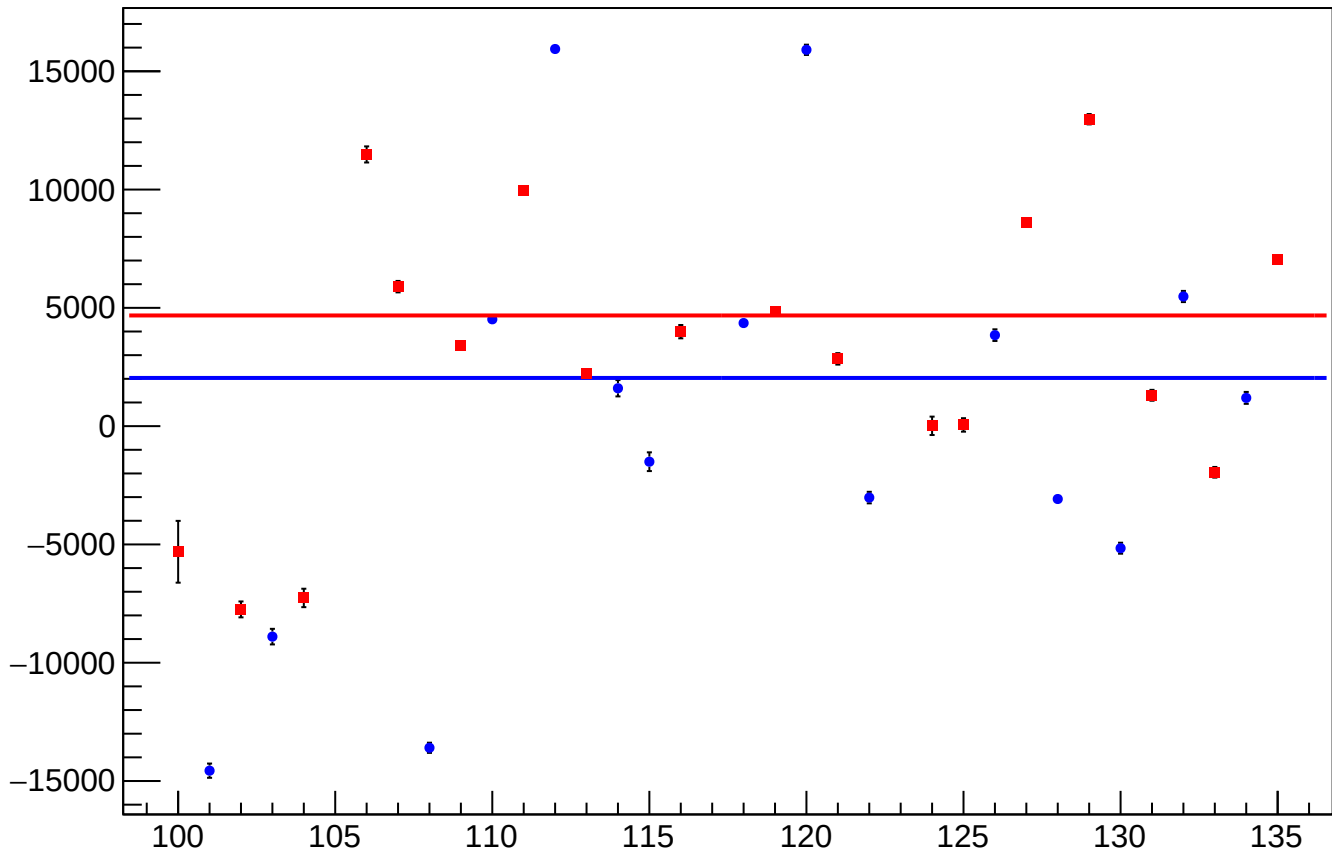
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 184.134+/-0.037 χ^2/NDF : 2030083.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4678.174+/-52.721 χ^2/NDF : 7793.7/17

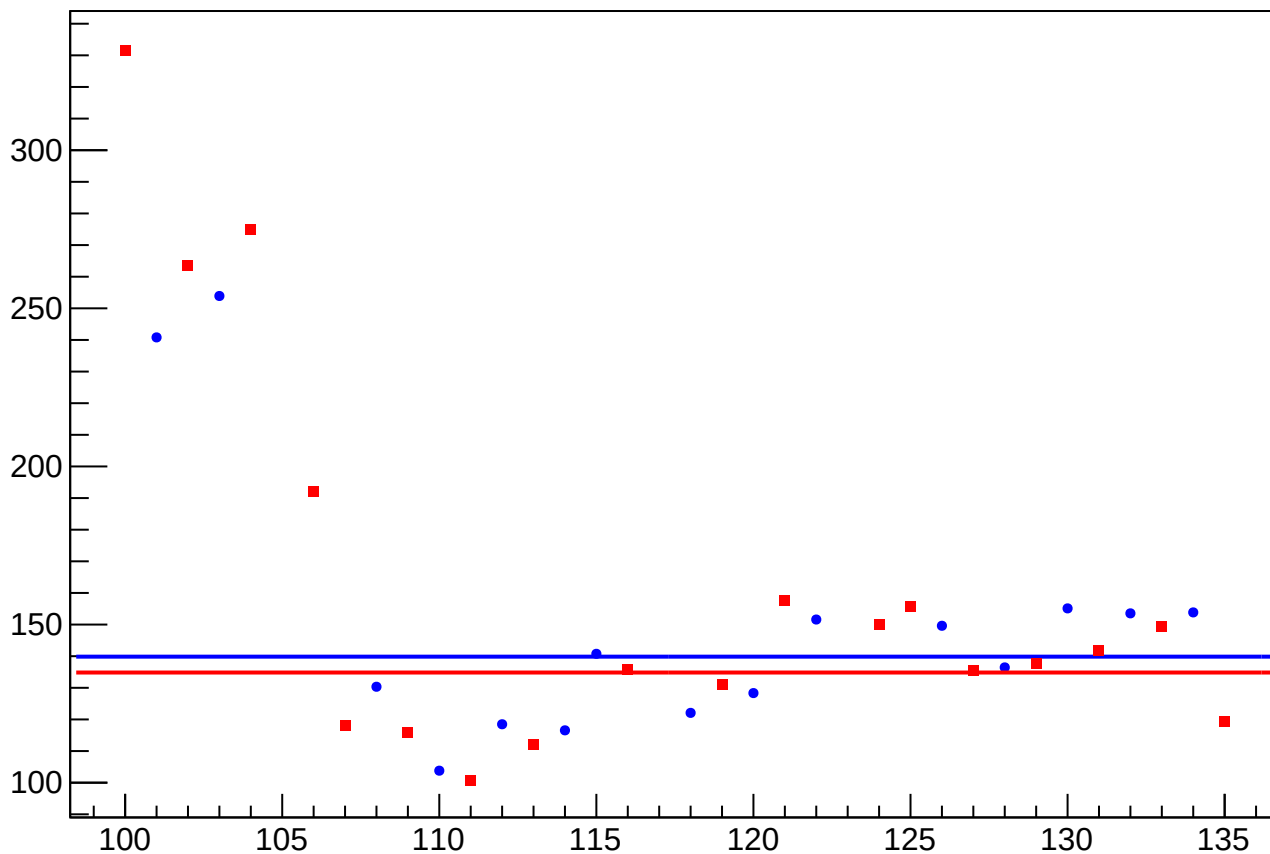
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3496.632+/-39.192 χ^2/NDF : 31665.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

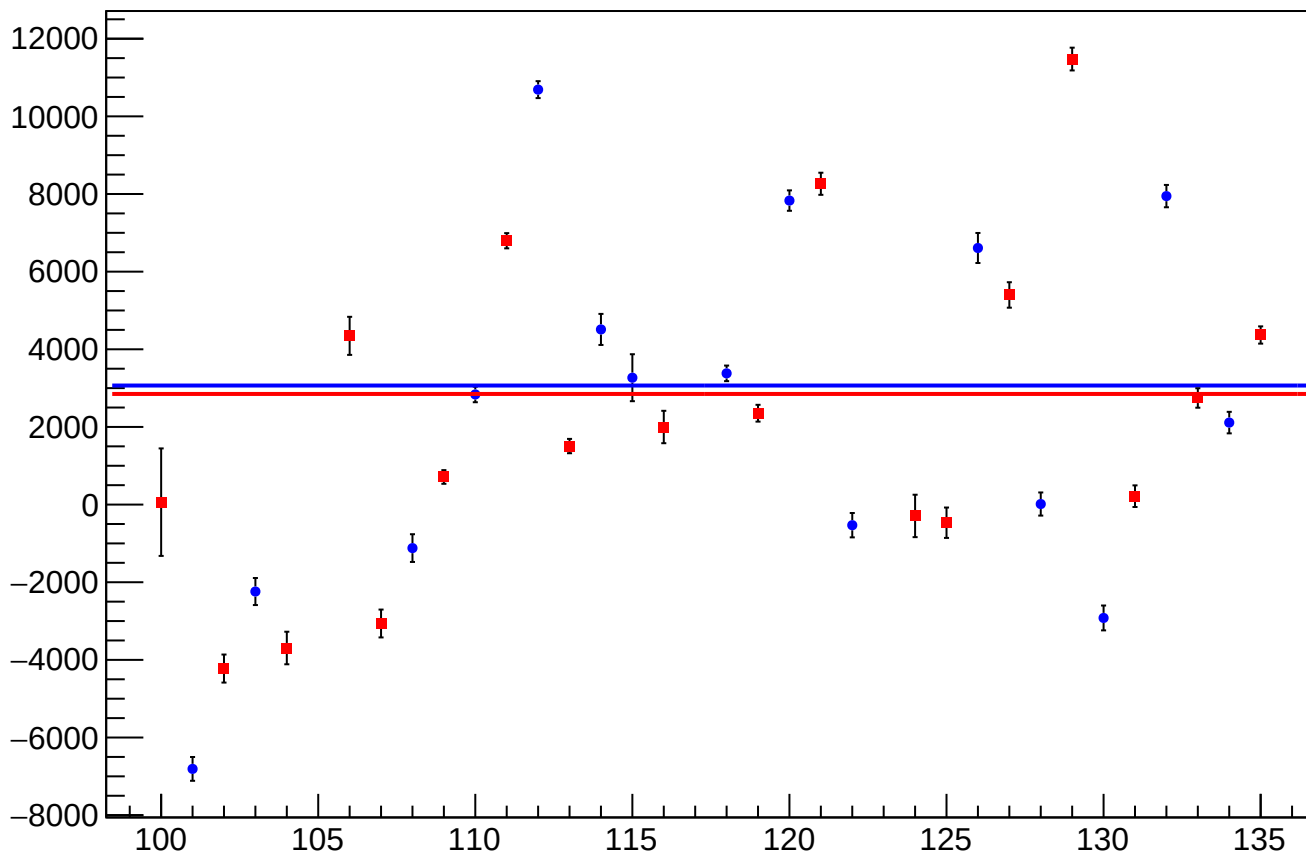
Right Out: 134.834+/-0.037 χ^2/NDF : 884884.1/17

All: 137.080+/-0.028 χ^2/NDF : 1545524.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3066.704+/-73.760 χ^2/NDF : 3942.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2849.657+/-65.545 χ^2/NDF : 3055.3/17

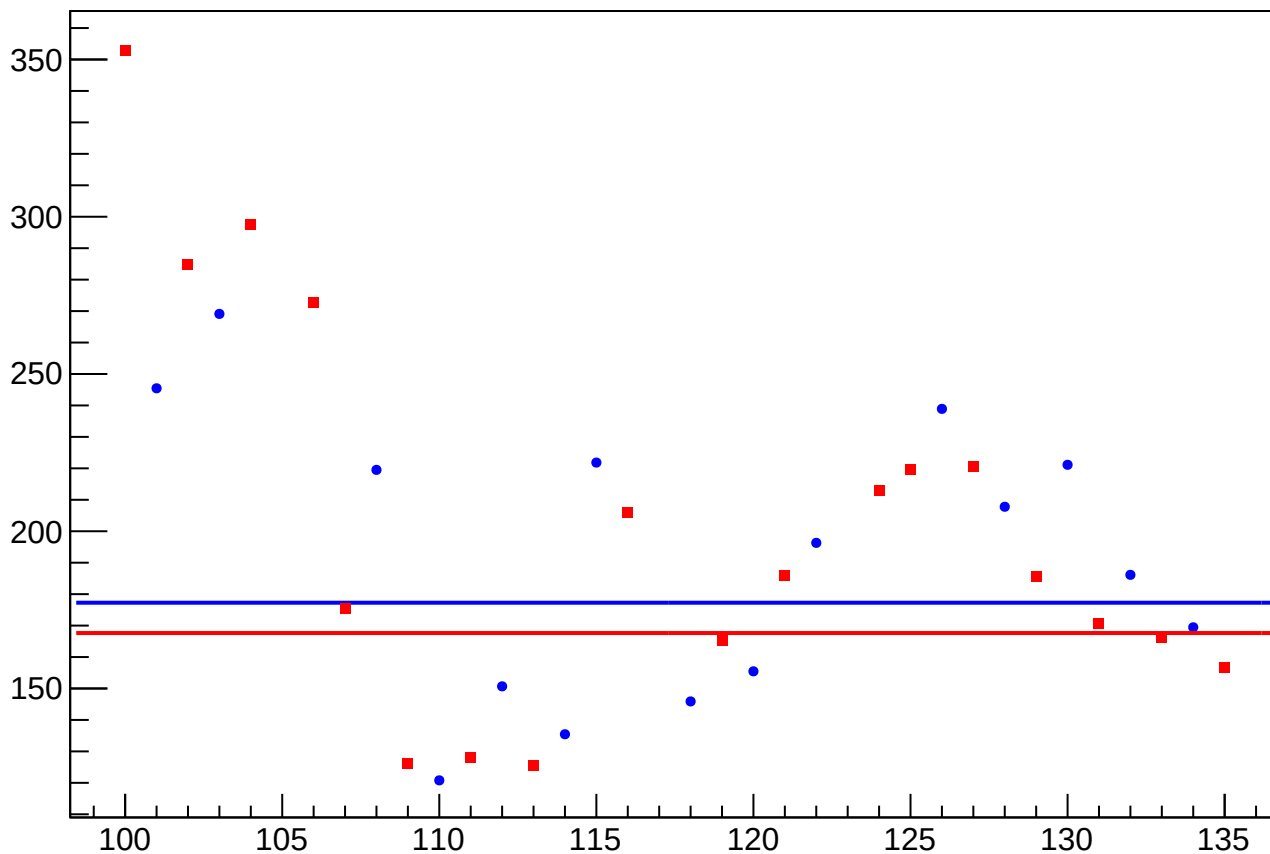
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2945.426+/-48.995 χ^2/NDF : 7003.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 177.276 $\pm$ 0.052 χ^2 /NDF: 669607.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

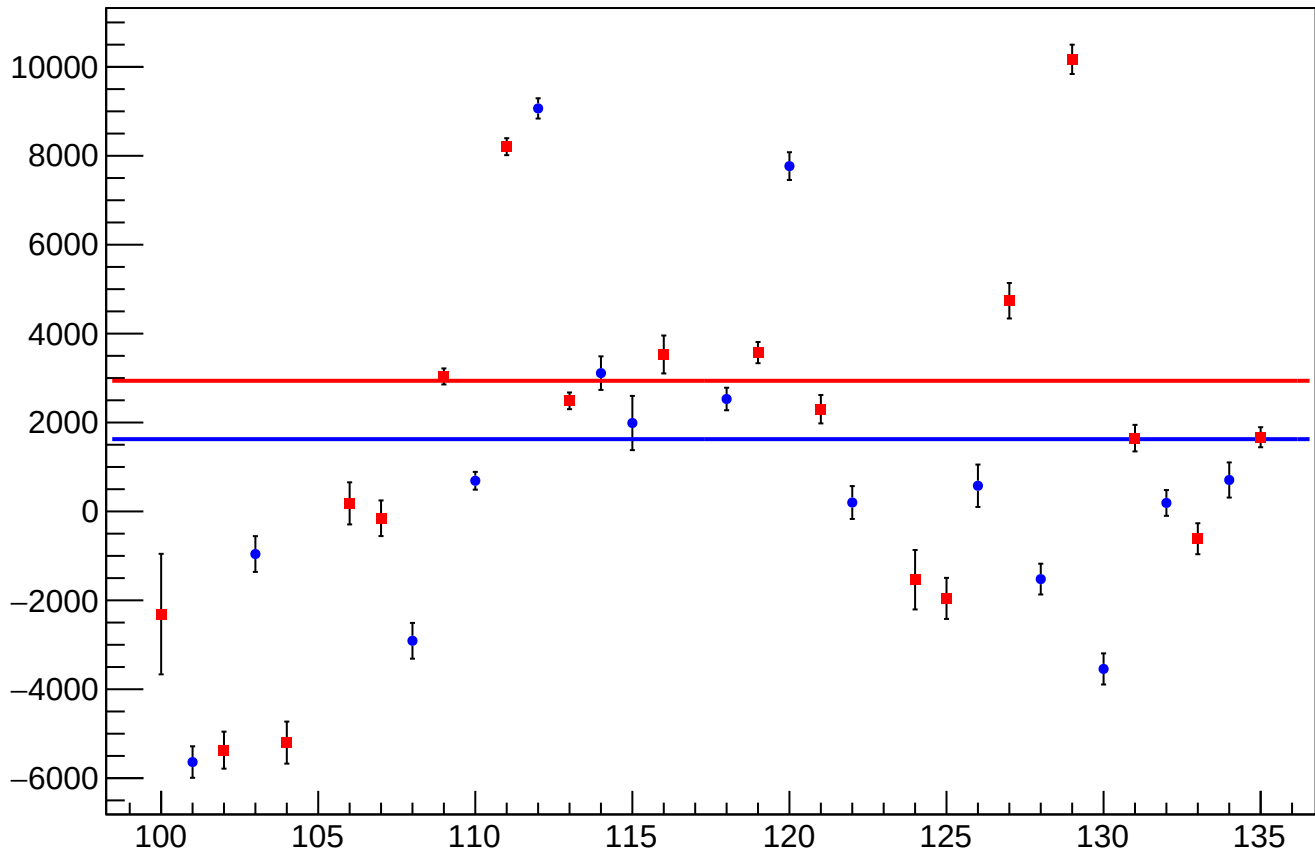
Right Out: 167.634 $\pm$ 0.046 χ^2 /NDF: 968650.4/17

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.888 $\pm$ 0.035 χ^2 /NDF: 1657354.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0



Right In: 1625.747 $\pm$ 82.570 χ^2 /NDF: 2442.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

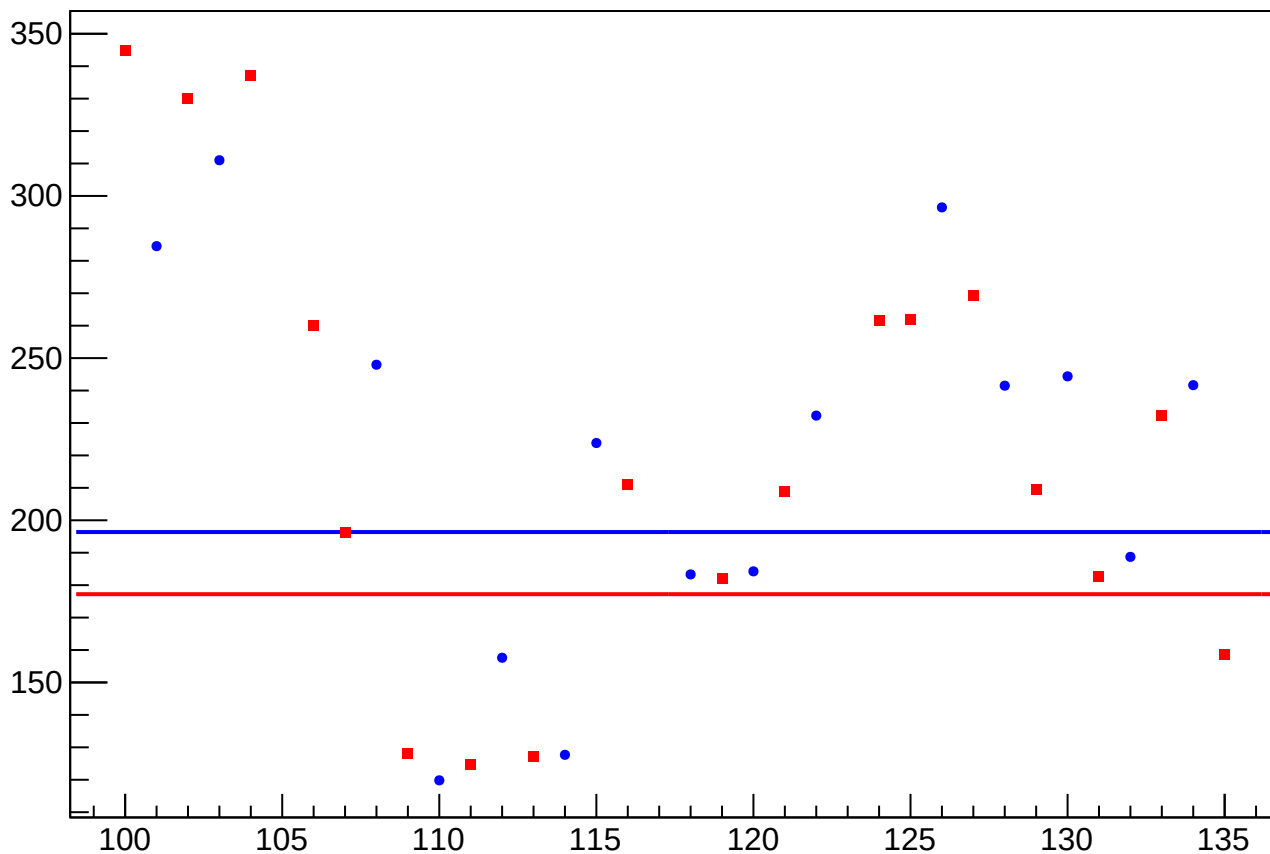
Right Out: 2939.006 $\pm$ 70.268 χ^2 /NDF: 2395.7/17

All: 2387.401 $\pm$ 53.513 χ^2 /NDF: 4985.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 196.376+/-0.058 χ^2/NDF : 955487.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.217+/-0.050 χ^2/NDF : 1359214.4/17

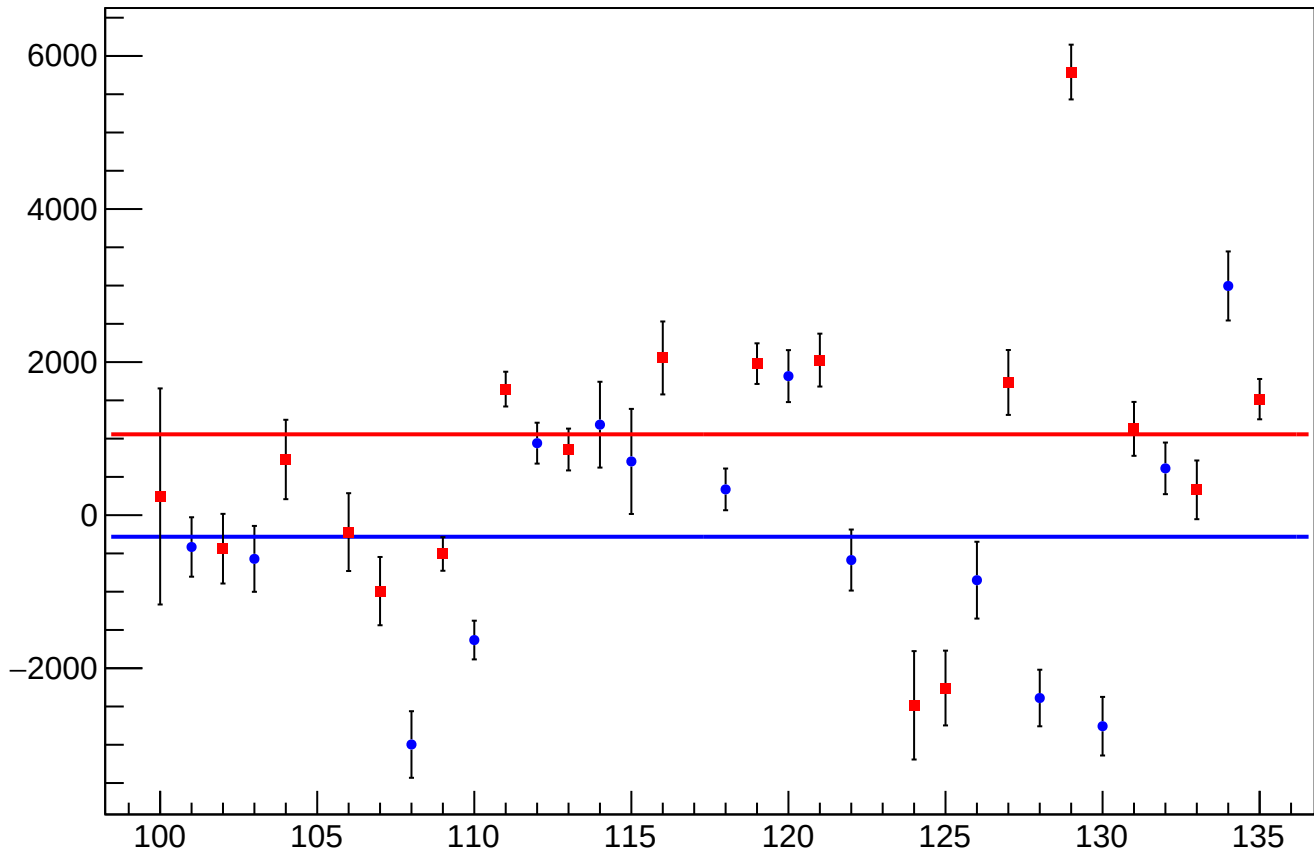
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.264+/-0.038 χ^2/NDF : 2377157.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -282.009+/-94.280 χ^2/NDF : 277.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.345+/-82.410 χ^2/NDF : 376.6/17

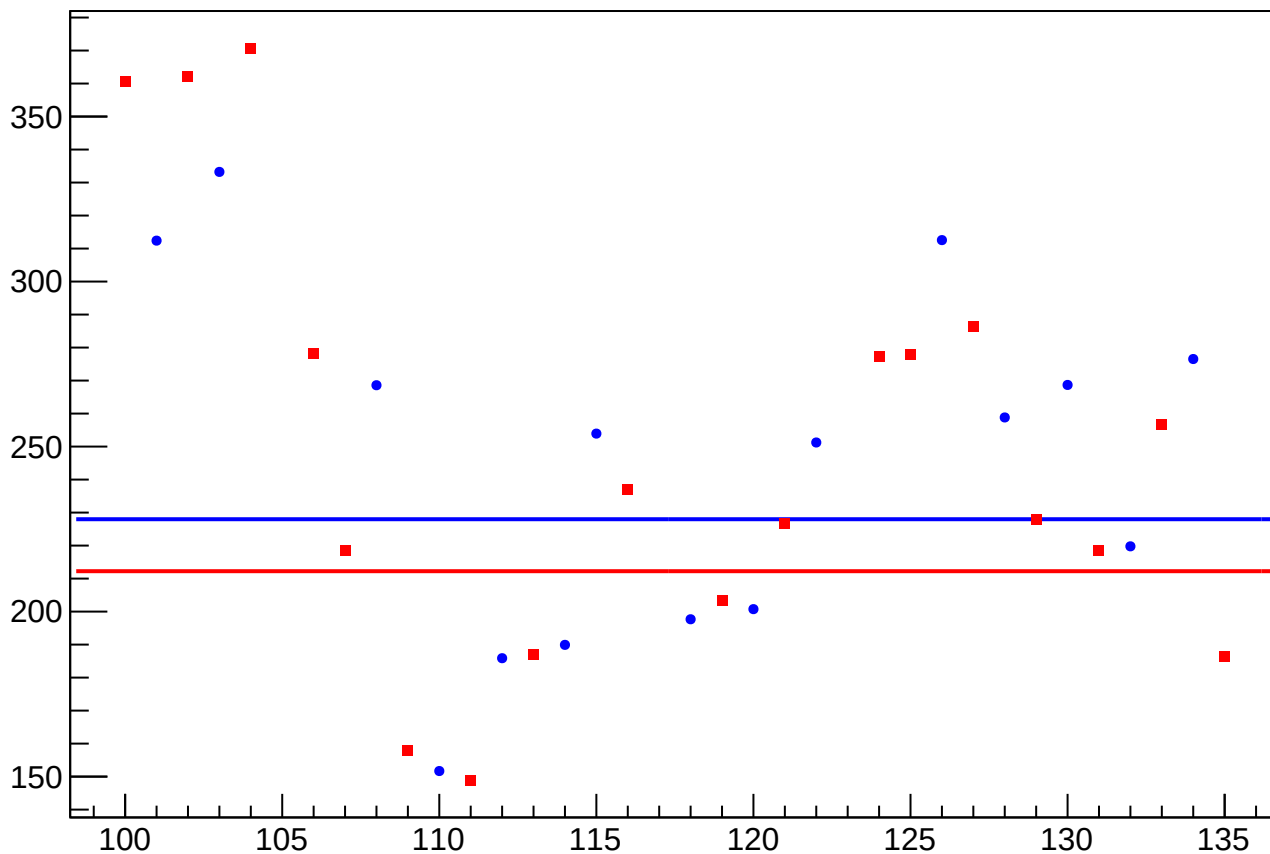
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.675+/-62.048 χ^2/NDF : 767.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 227.989 ± 0.067 $\chi^2/\text{NDF}: 637290.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

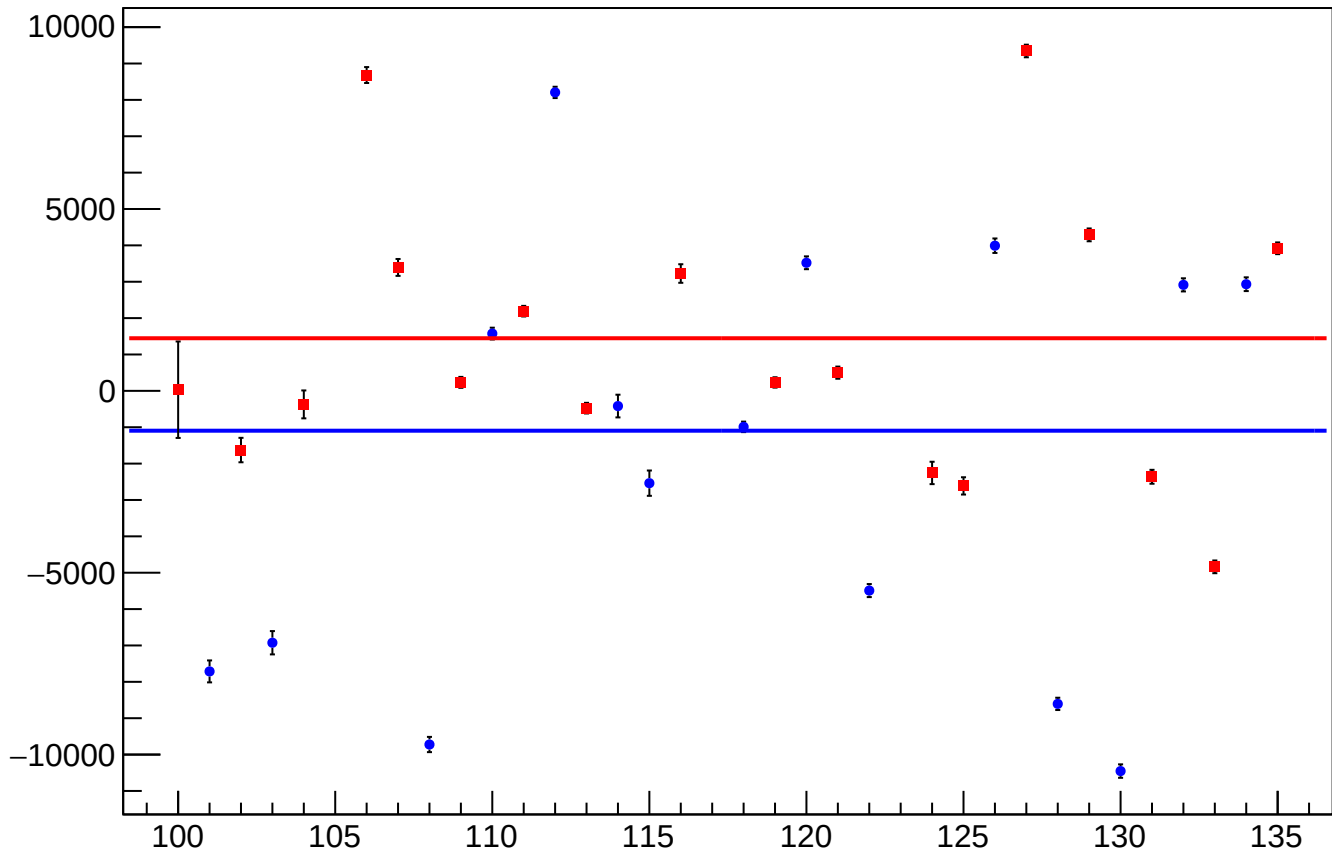
Right Out: 212.241 ± 0.058 $\chi^2/\text{NDF}: 929410.8/17$

All: 219.062 ± 0.044 $\chi^2/\text{NDF}: 1598330.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm1i02WS_mean vs Slug



Right In: -1095.559 ± 49.942 χ^2/NDF : 13799.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1446.554 ± 45.331 χ^2/NDF : 6384.3/17

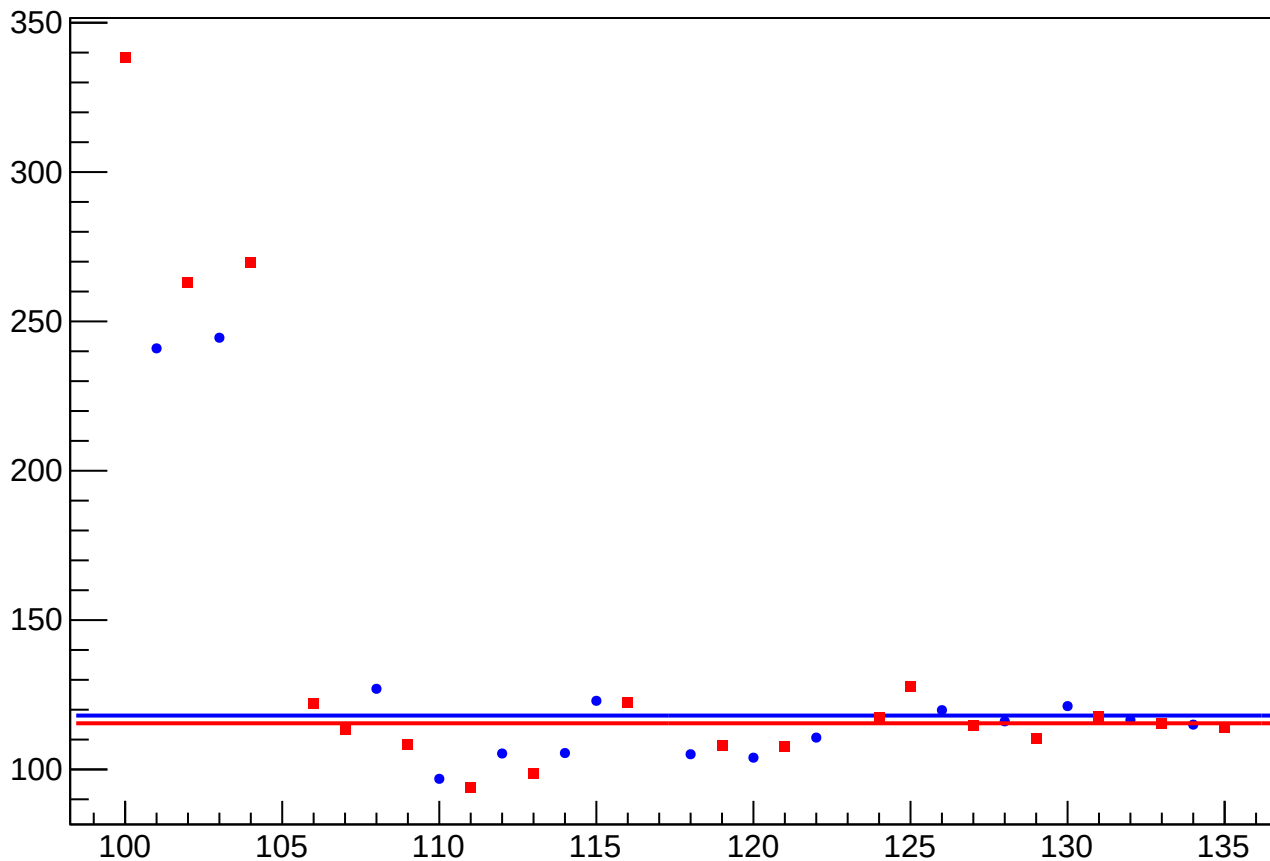
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 298.254 ± 33.566 χ^2/NDF : 21604.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.040 $\pm$ 0.035 χ^2 /NDF: 732173.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.453 $\pm$ 0.032 χ^2 /NDF: 862632.9/17

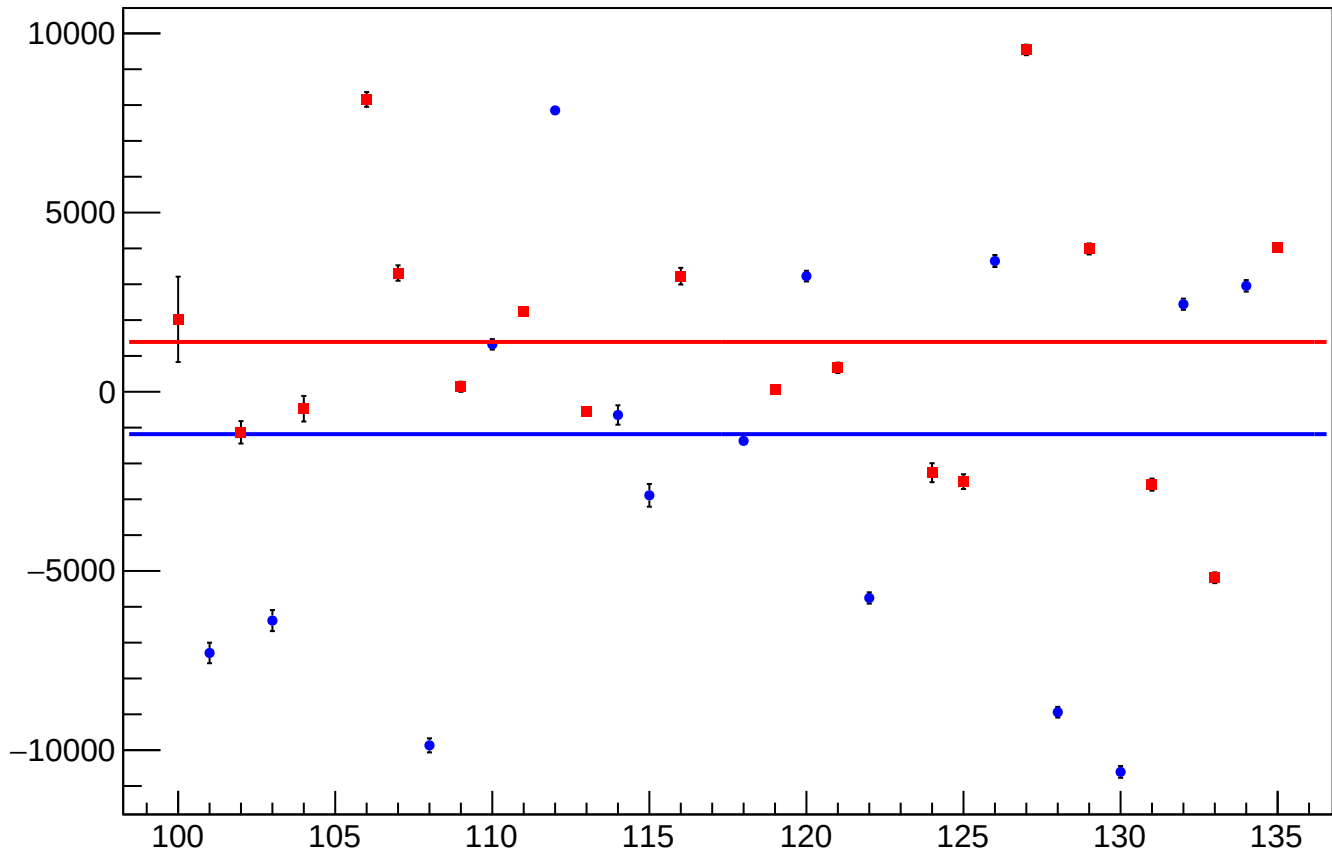
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 116.622 $\pm$ 0.024 χ^2 /NDF: 1597748.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i01WS_mean vs Slug



Right In: -1182.418+/-43.969 χ^2/NDF : 17034.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1390.455+/-39.959 χ^2/NDF : 8577.5/17

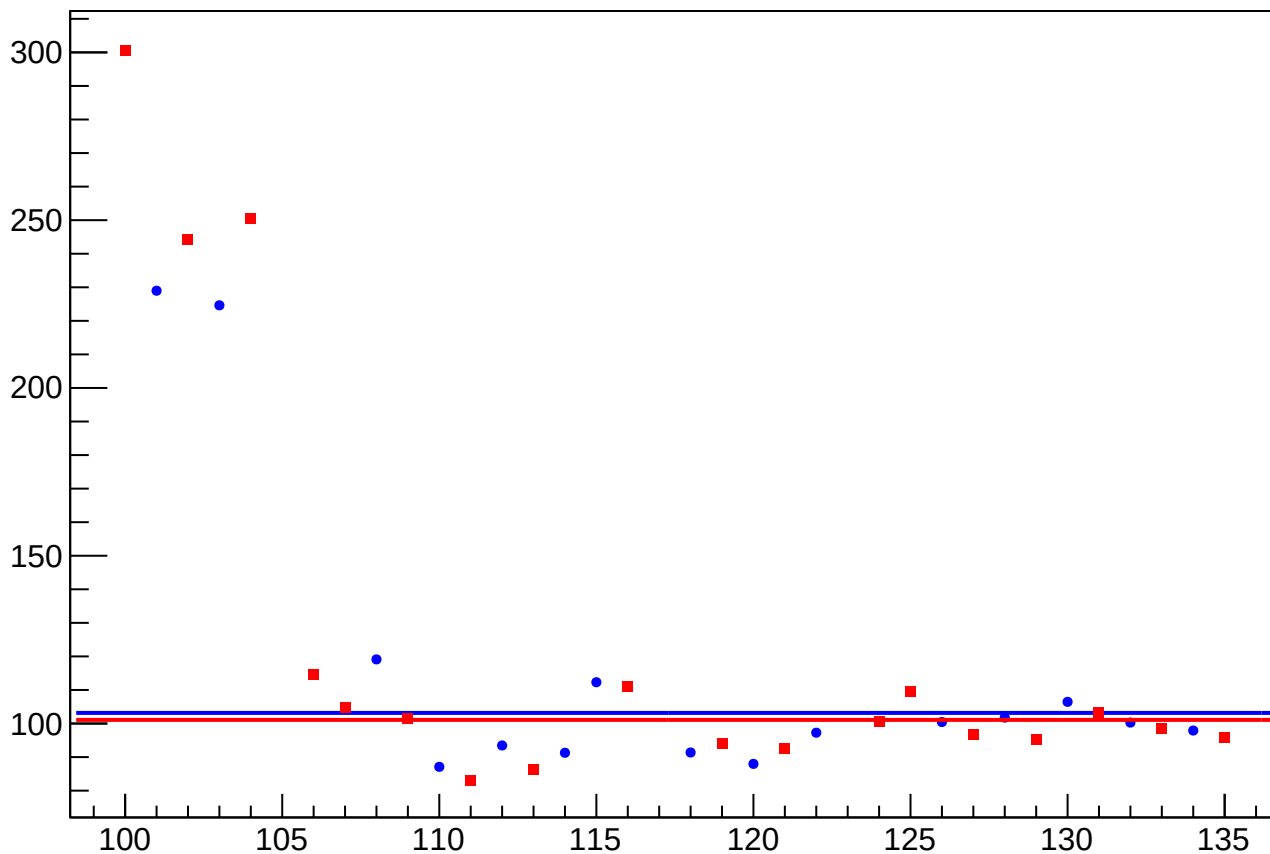
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 226.681+/-29.571 χ^2/NDF : 27487.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm2i01WS_rms vs Slug



Right In: 103.168 $\pm$ 0.031 χ^2 /NDF: 824161.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 101.080 $\pm$ 0.028 χ^2 /NDF: 930446.8/17

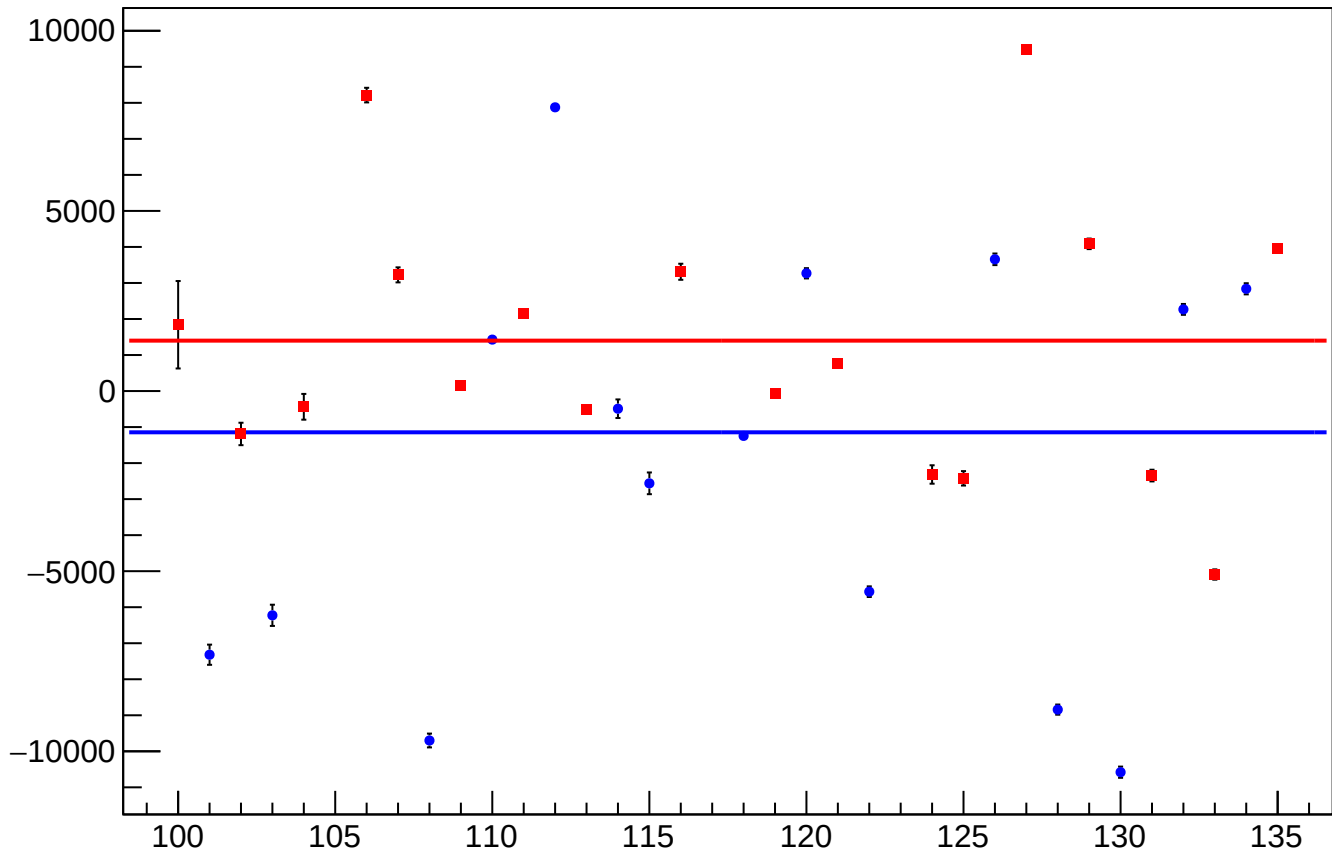
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 102.024 $\pm$ 0.021 χ^2 /NDF: 1757078.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm2i02WS_mean vs Slug



Right In: -1145.235 ± 42.062 $\chi^2/\text{NDF}: 18346.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1399.248 ± 38.148 $\chi^2/\text{NDF}: 9151.4/17$

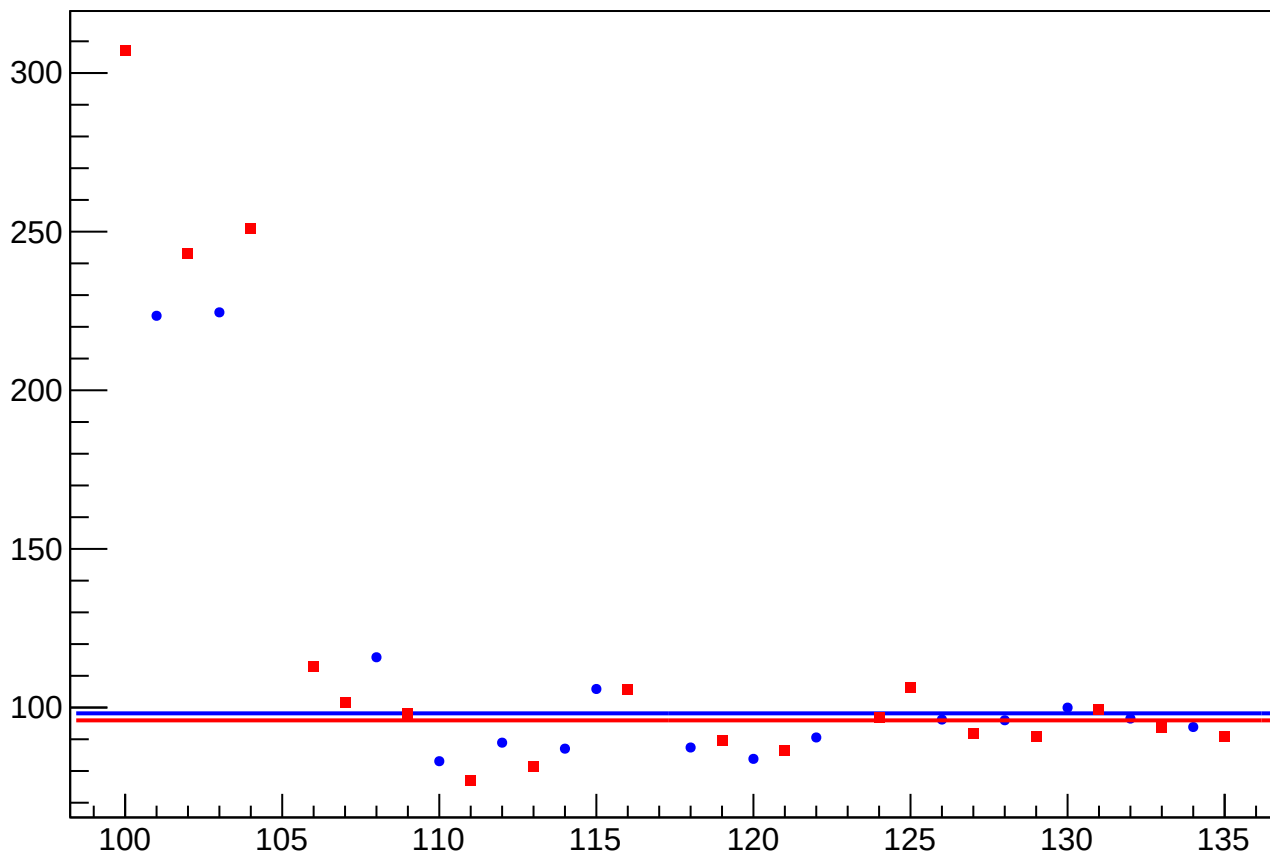
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 250.865 ± 28.258 $\chi^2/\text{NDF}: 29505.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bpm2i02WS_rms vs Slug



Right In: 98.170+/-0.030 χ^2/NDF : 867729.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 95.957+/-0.027 χ^2/NDF : 1012182.8/17

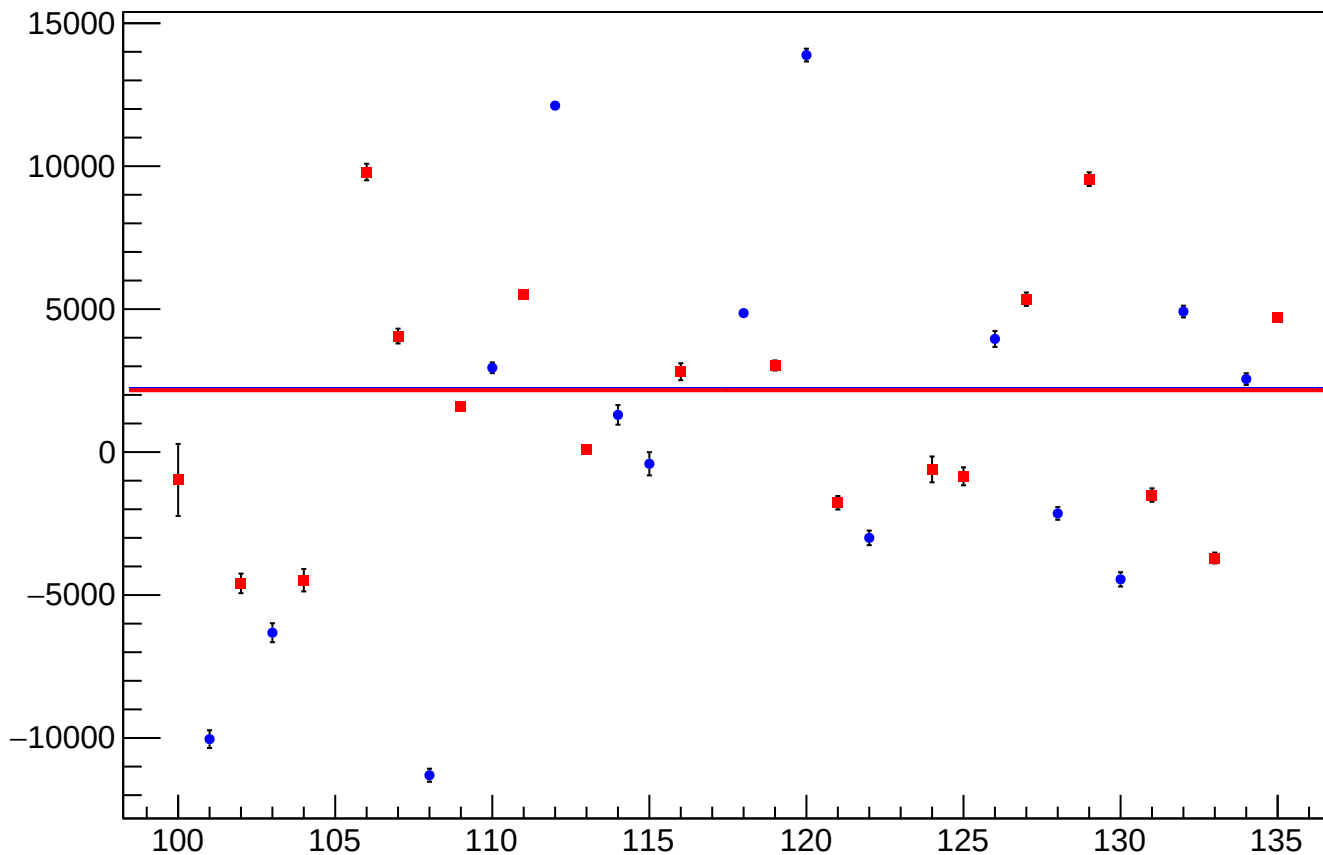
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 96.956+/-0.020 χ^2/NDF : 1882949.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01WS_mean vs Slug



Right In: 2205.771 $\pm$ 59.790 χ^2 /NDF: 13627.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2163.569 $\pm$ 54.405 χ^2 /NDF: 4967.1/17

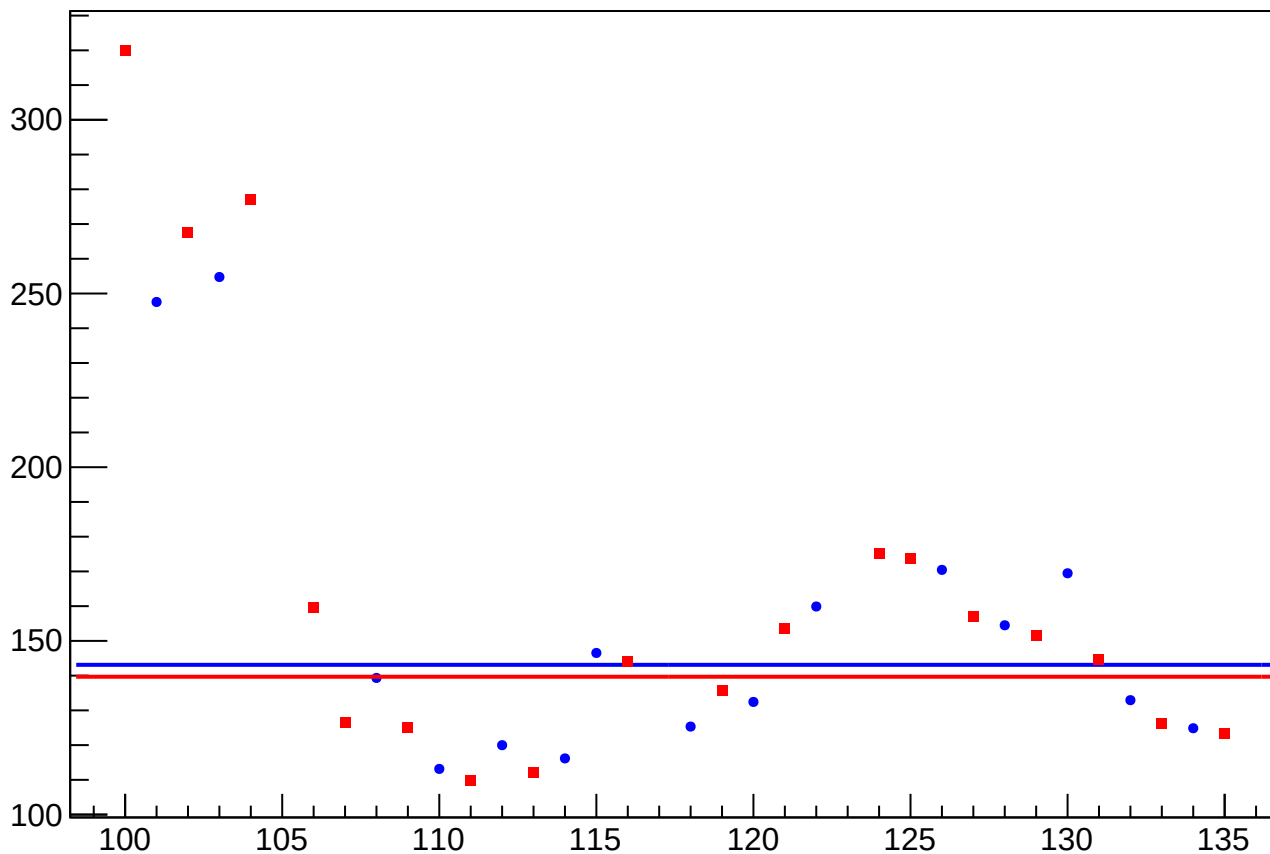
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2182.684 $\pm$ 40.240 χ^2 /NDF: 18595.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01WS_rms vs Slug



Right In: 143.110 $\pm$ 0.042 χ^2 /NDF: 655341.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 139.684 $\pm$ 0.038 χ^2 /NDF: 799682.9/17

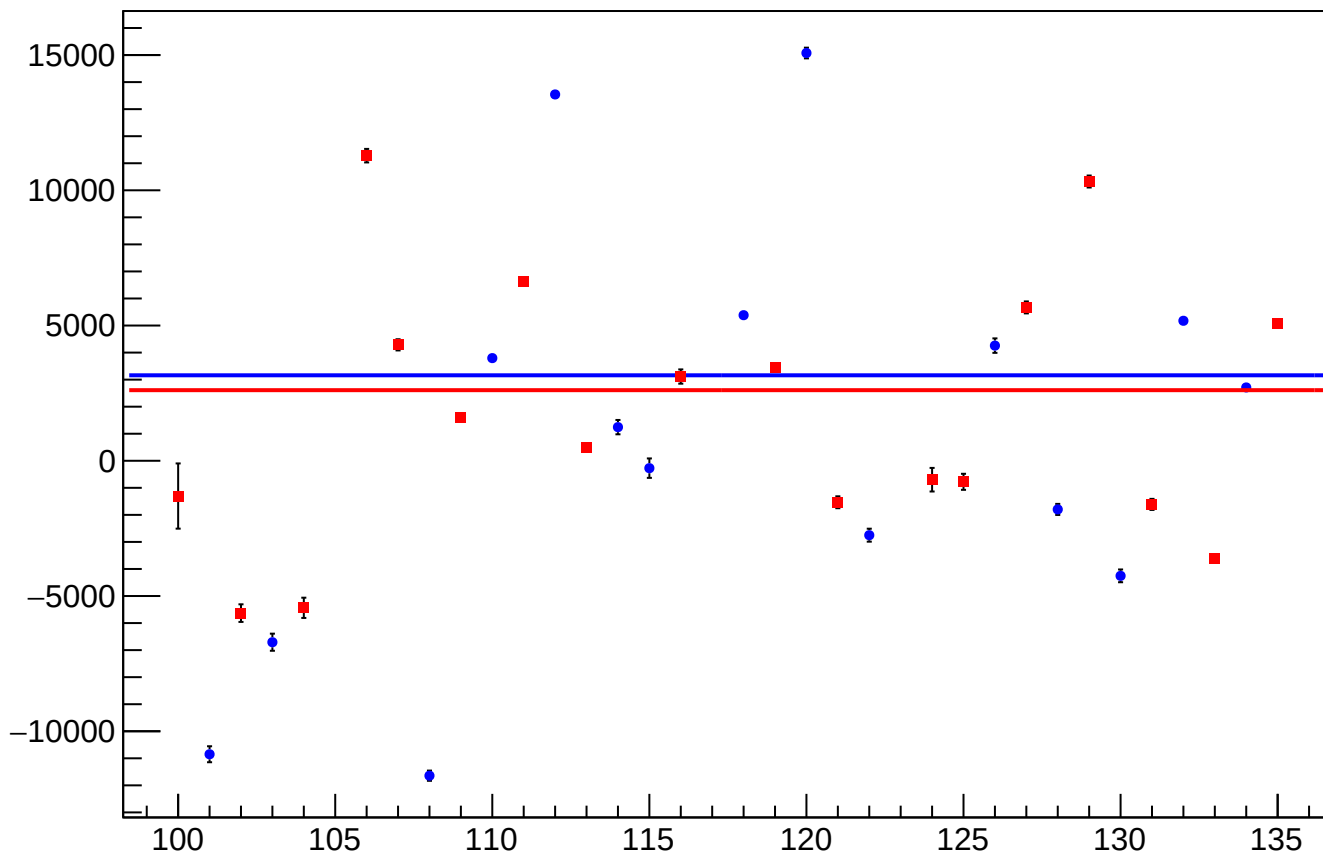
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 141.236 $\pm$ 0.028 χ^2 /NDF: 1458617.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i01aWS_mean vs Slug



Right In: 3160.395+/-50.502 χ^2/NDF : 21704.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2610.314+/-45.100 χ^2/NDF : 8092.3/17

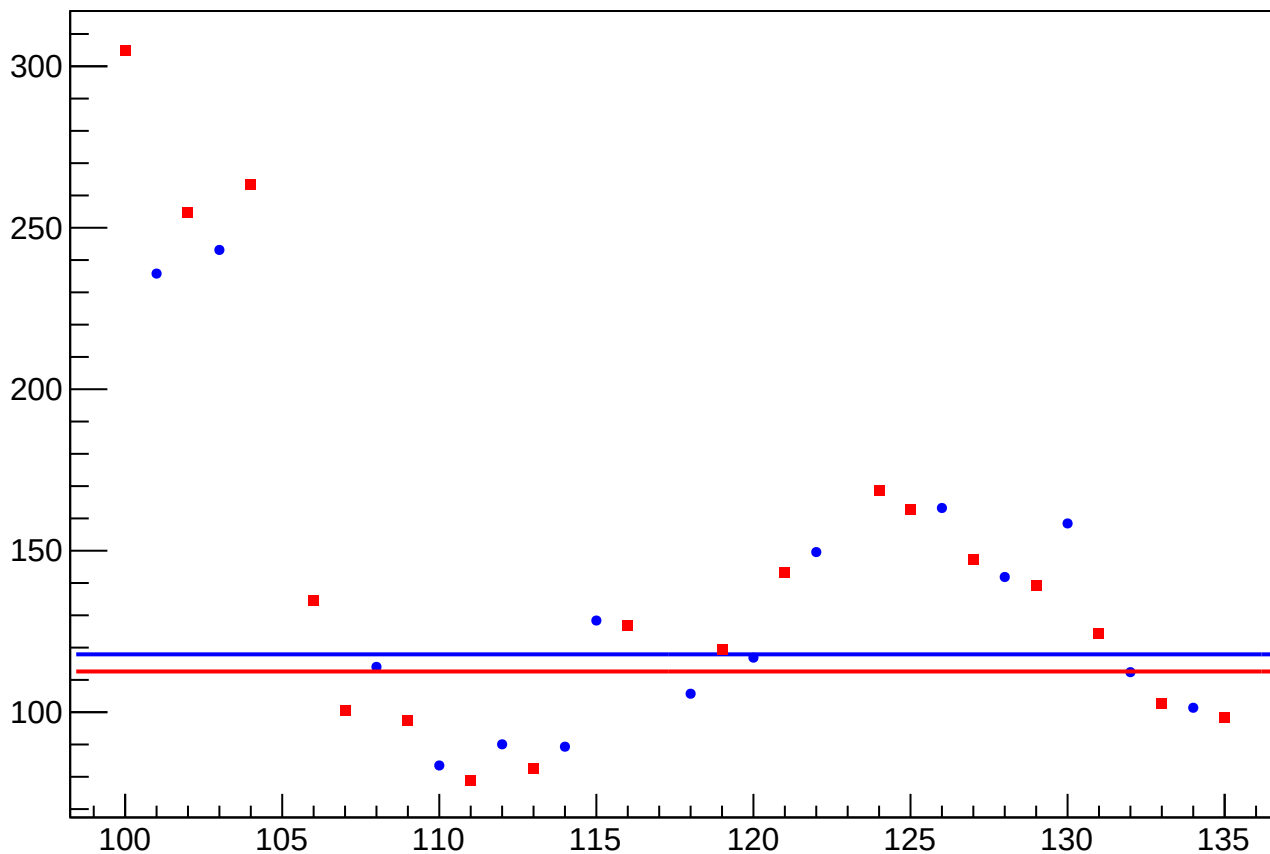
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2854.375+/-33.639 χ^2/NDF : 29862.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i01aWS_rms vs Slug



Right In: 117.913 $\pm$ 0.036 χ^2 /NDF: 1077743.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 112.606 $\pm$ 0.032 χ^2 /NDF: 1324634.5/17

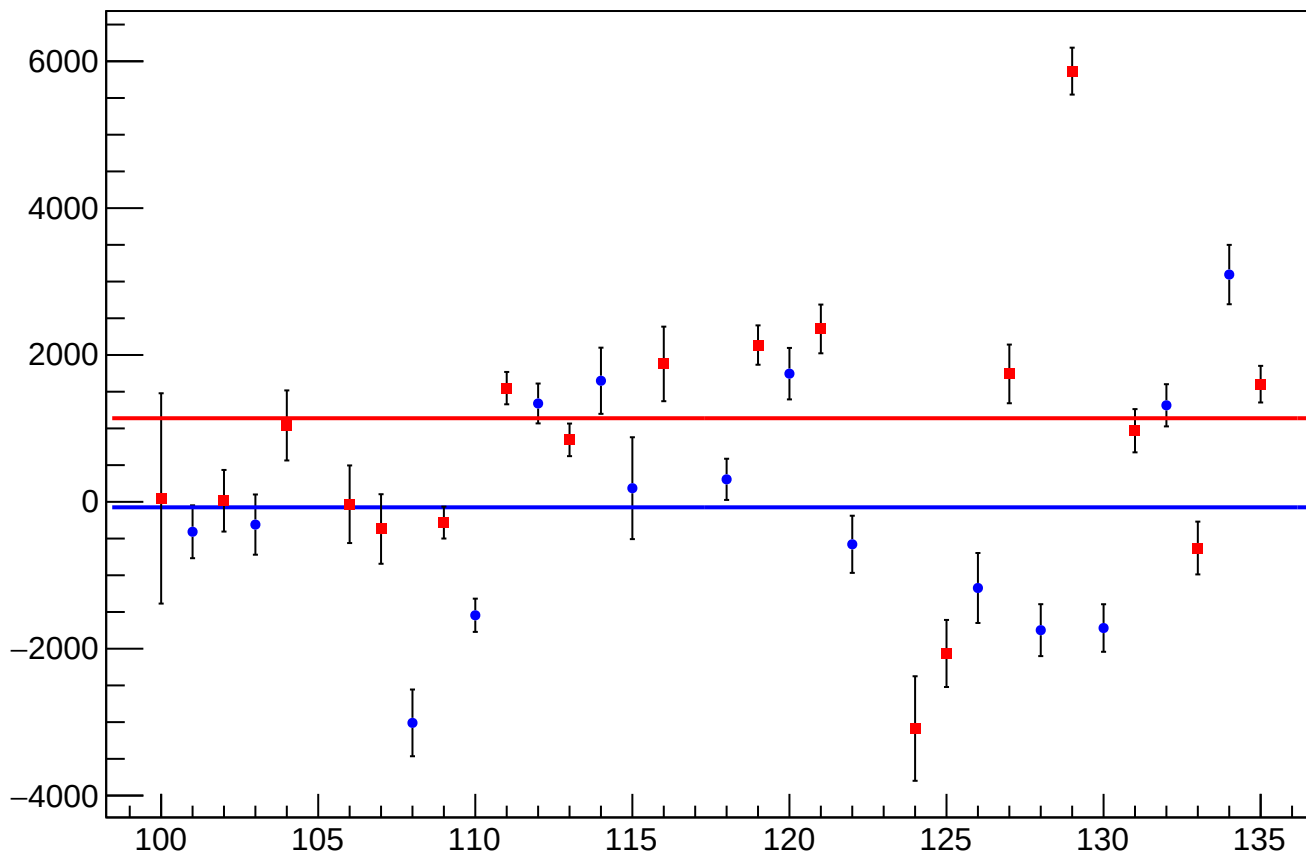
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.960 $\pm$ 0.024 χ^2 /NDF: 2414664.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l01WS_mean vs Slug



Right In: -74.510+/-89.009 χ^2/NDF : 295.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1138.767+/-77.665 χ^2/NDF : 433.9/17

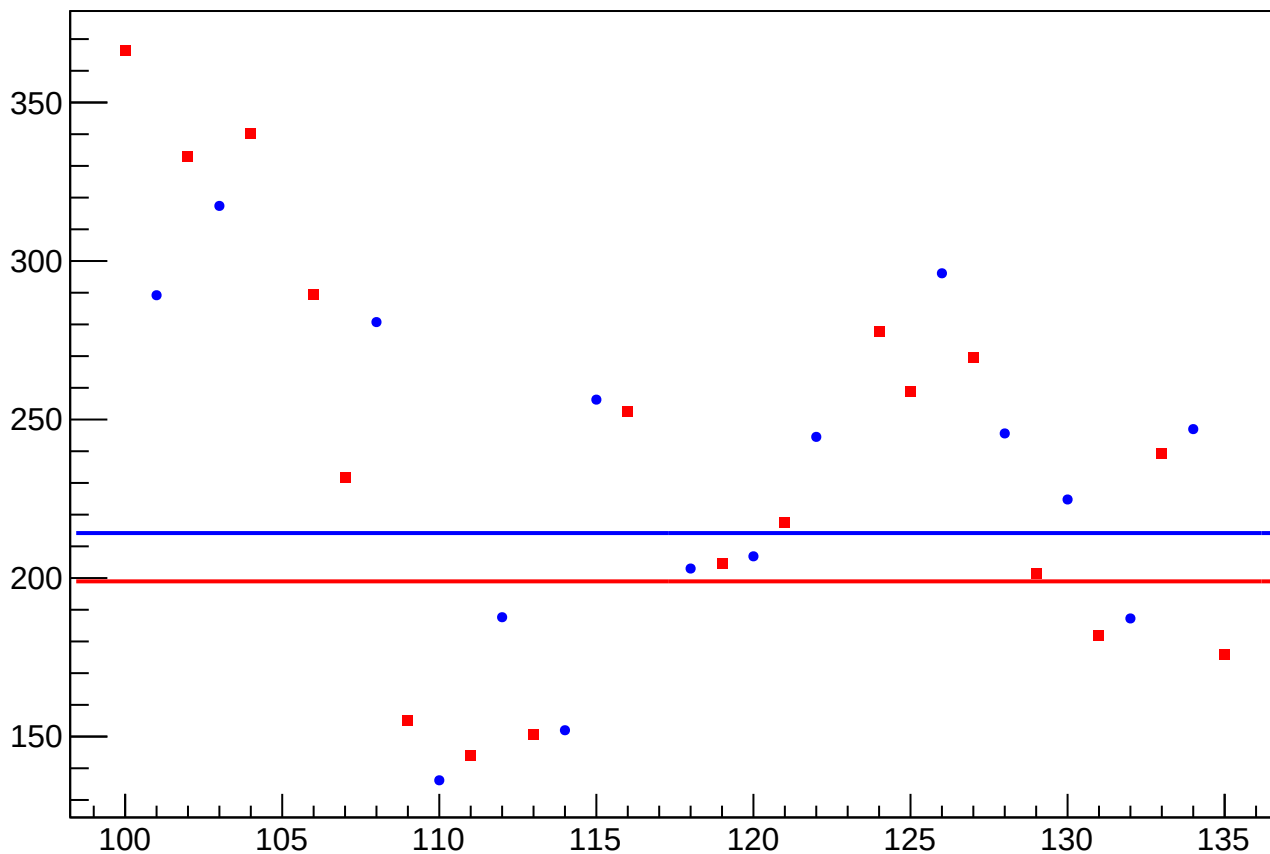
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 614.323+/-58.520 χ^2/NDF : 835.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l01WS_rms vs Slug



Right In: 214.188 ± 0.063 χ^2/NDF : 682419.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 198.955 ± 0.055 χ^2/NDF : 974702.1/17

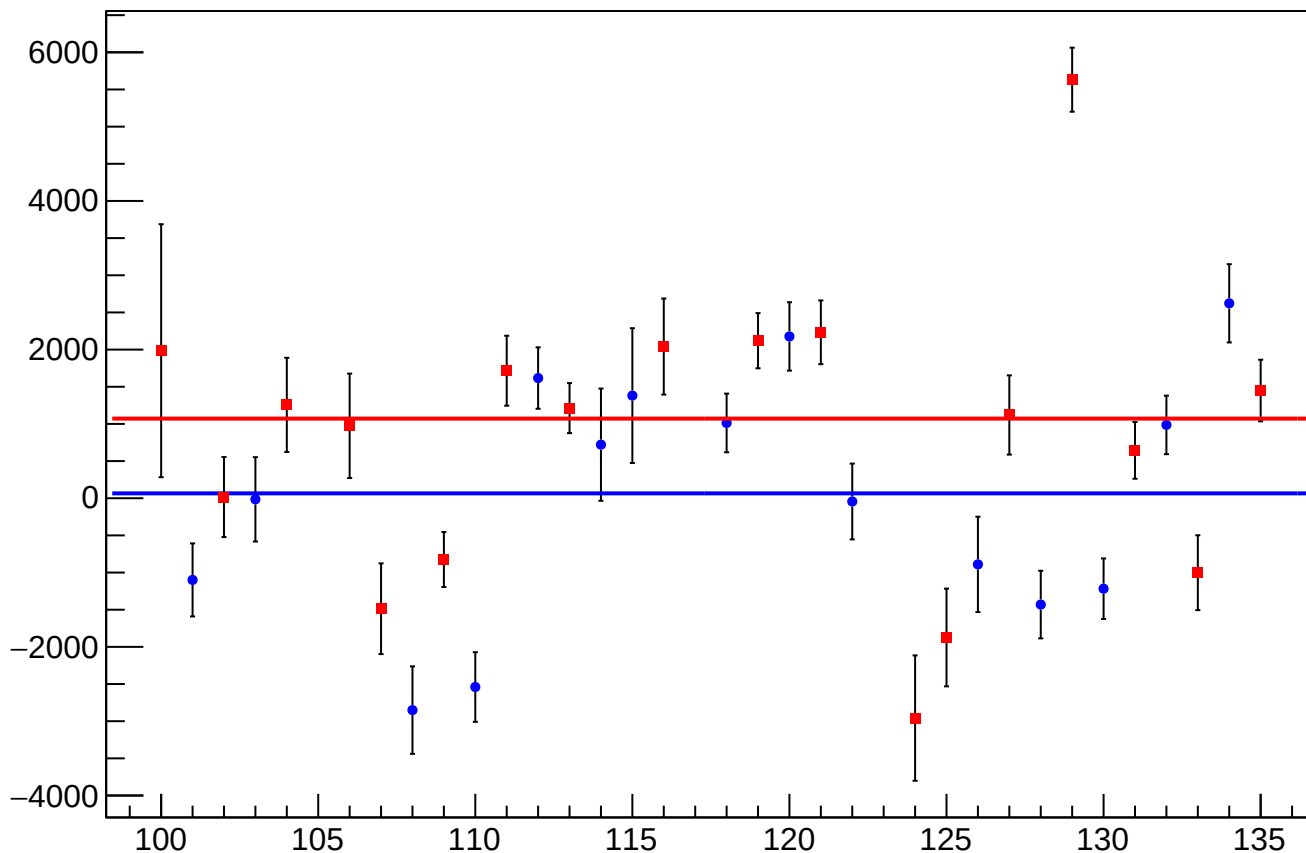
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 205.540 ± 0.041 χ^2/NDF : 1690378.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_mean vs Slug



Right In: 65.570+/-127.142 χ^2/NDF : 157.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1071.610+/-114.728 χ^2/NDF : 241.6/17

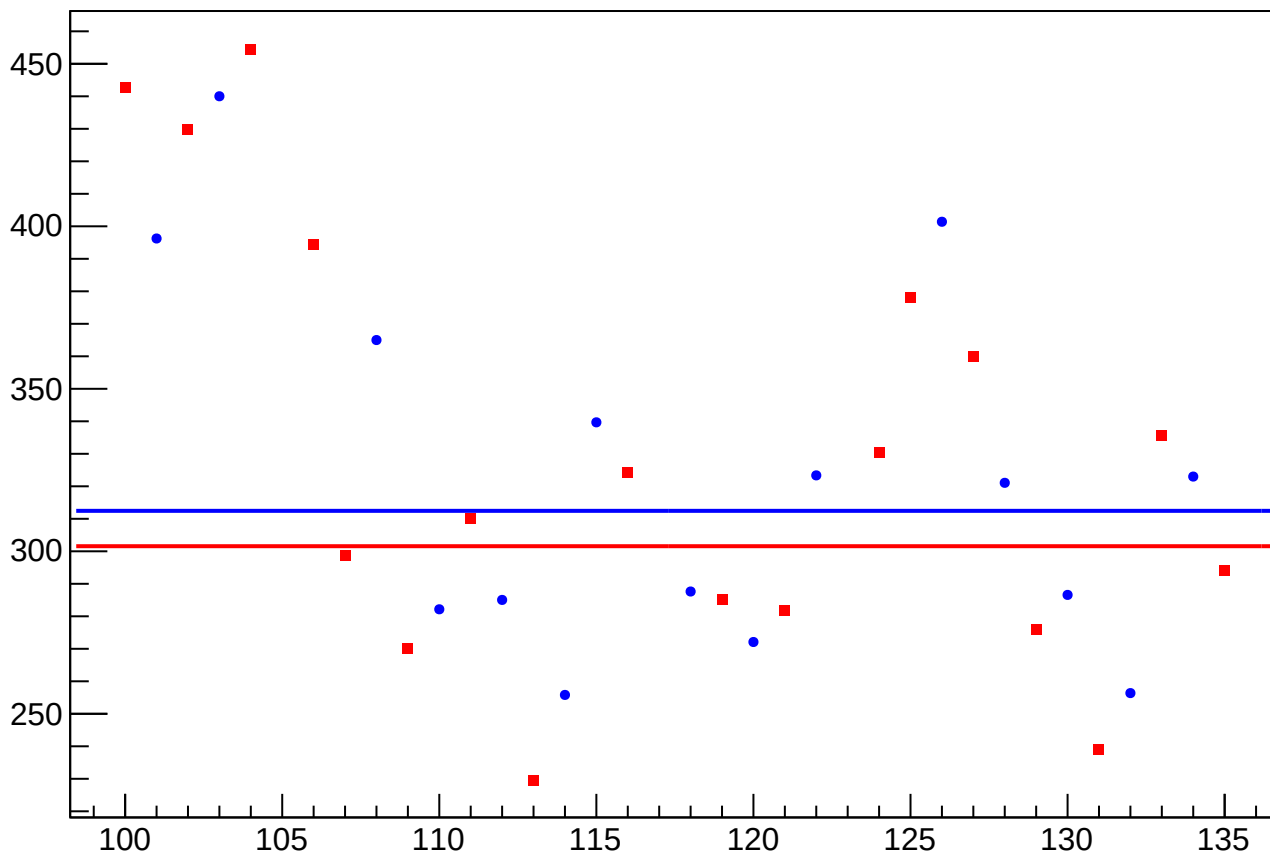
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 620.090+/-85.177 χ^2/NDF : 433.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l02WS_rms vs Slug



Right In: 312.449 $\pm$ 0.090 χ^2 /NDF: 318258.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 301.568 $\pm$ 0.081 χ^2 /NDF: 519863.3/17

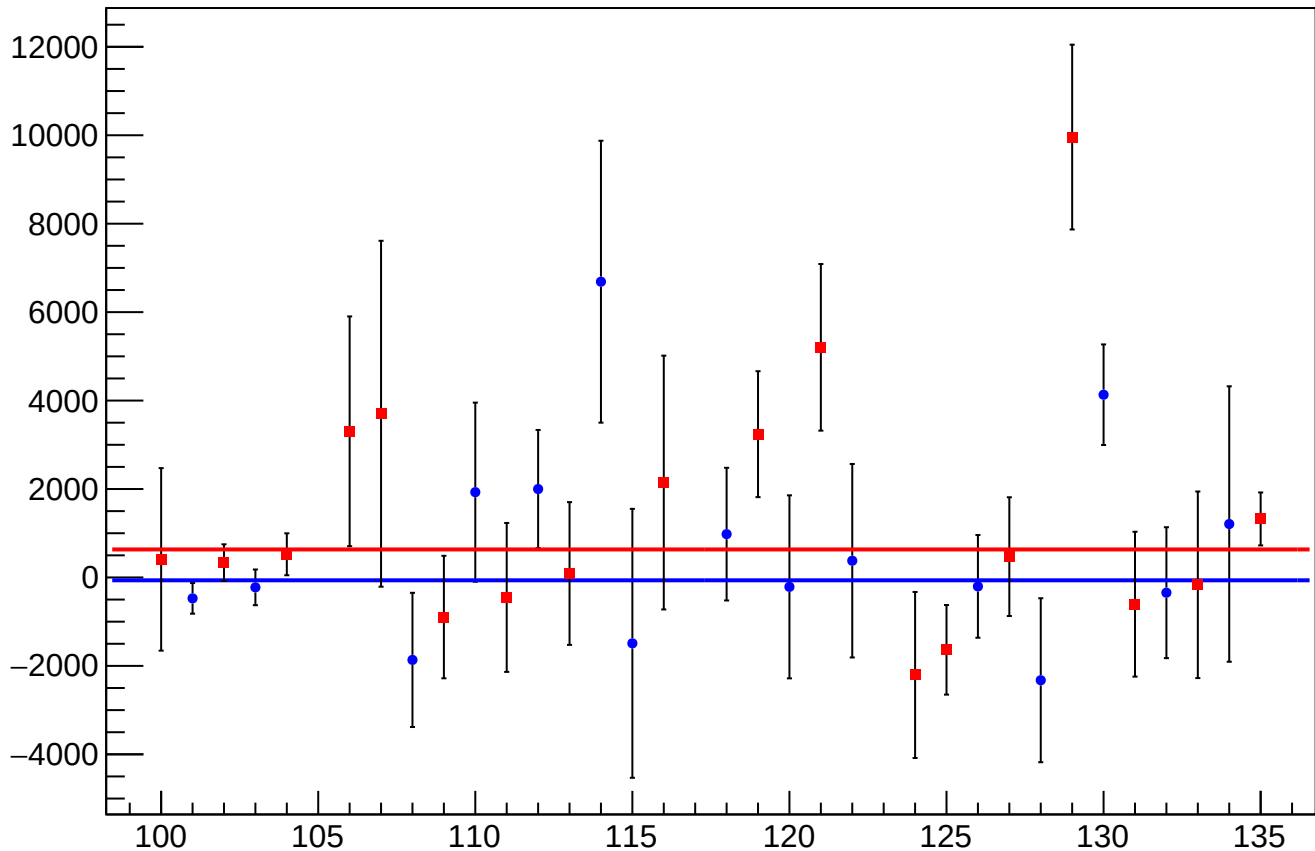
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 306.452 $\pm$ 0.060 χ^2 /NDF: 846195.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l03WS_mean vs Slug



Right In: -64.686 ± 228.354 χ^2/NDF : 26.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 633.367 ± 233.901 χ^2/NDF : 42.8/17

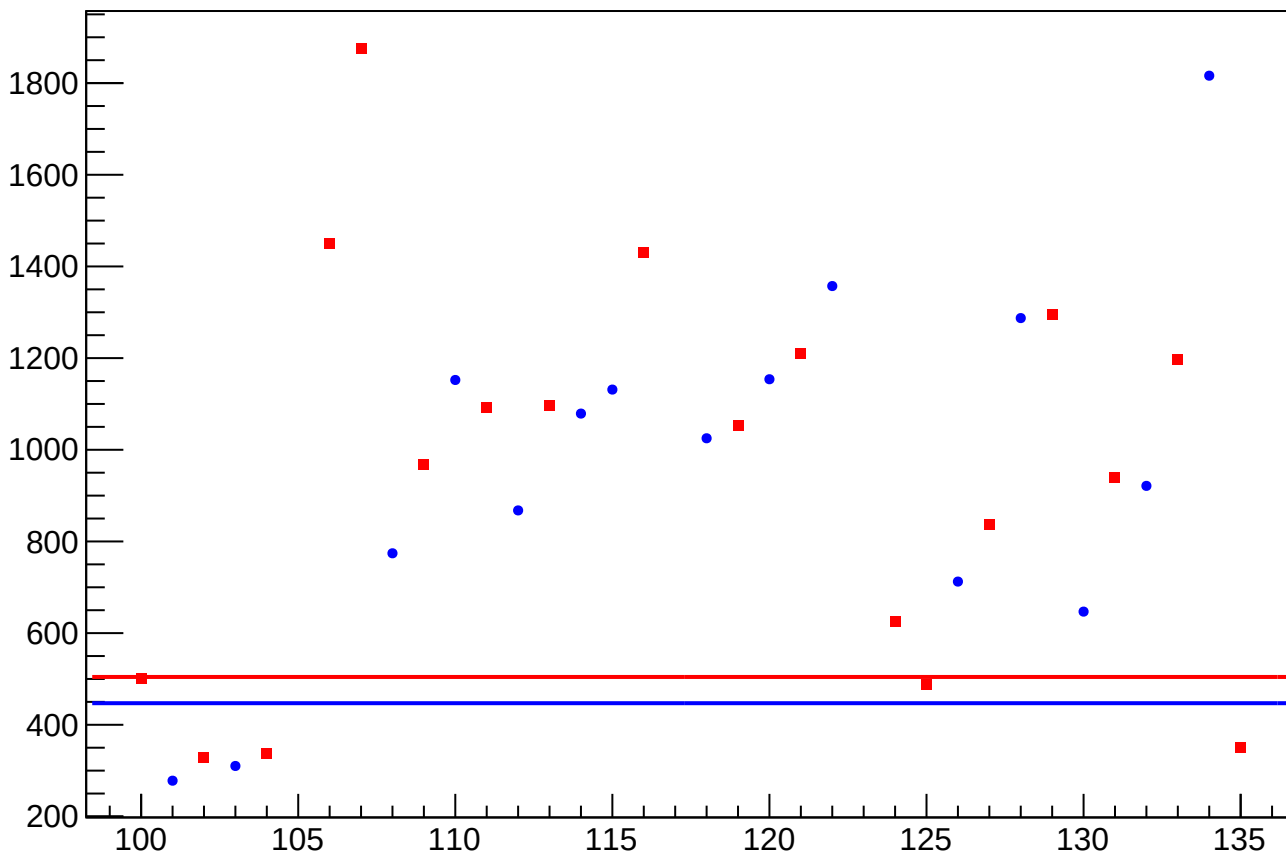
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 275.964 ± 163.397 χ^2/NDF : 74.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l03WS_rms vs Slug



Right In: 447.114+/-0.161 χ^2/NDF : 3465374.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

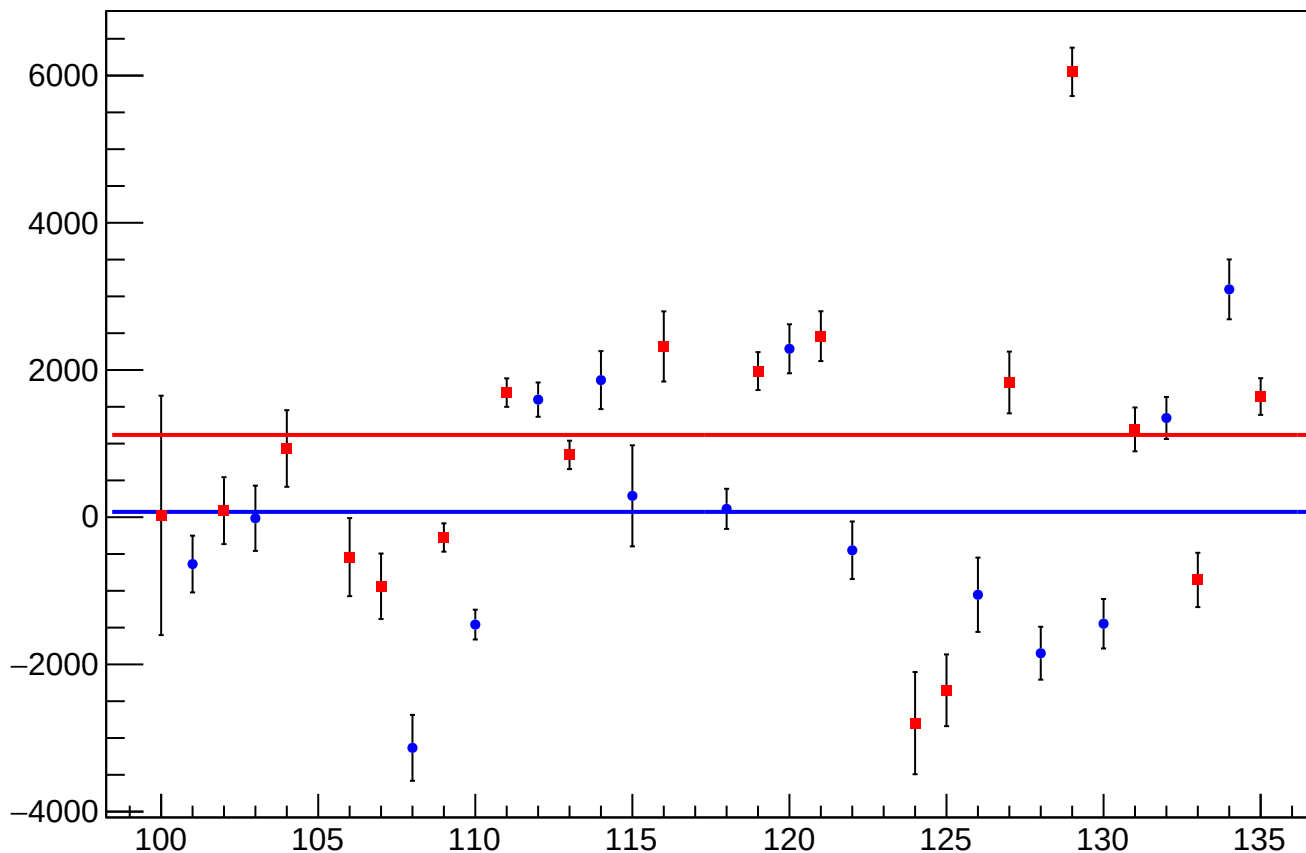
Right Out: 504.358+/-0.165 χ^2/NDF : 3538837.3/17

All: 475.049+/-0.116 χ^2/NDF : 7065546.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_mean vs Slug



Right In: 72.248+/-85.742 χ^2/NDF : 350.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1117.738+/-74.086 χ^2/NDF : 477.0/17

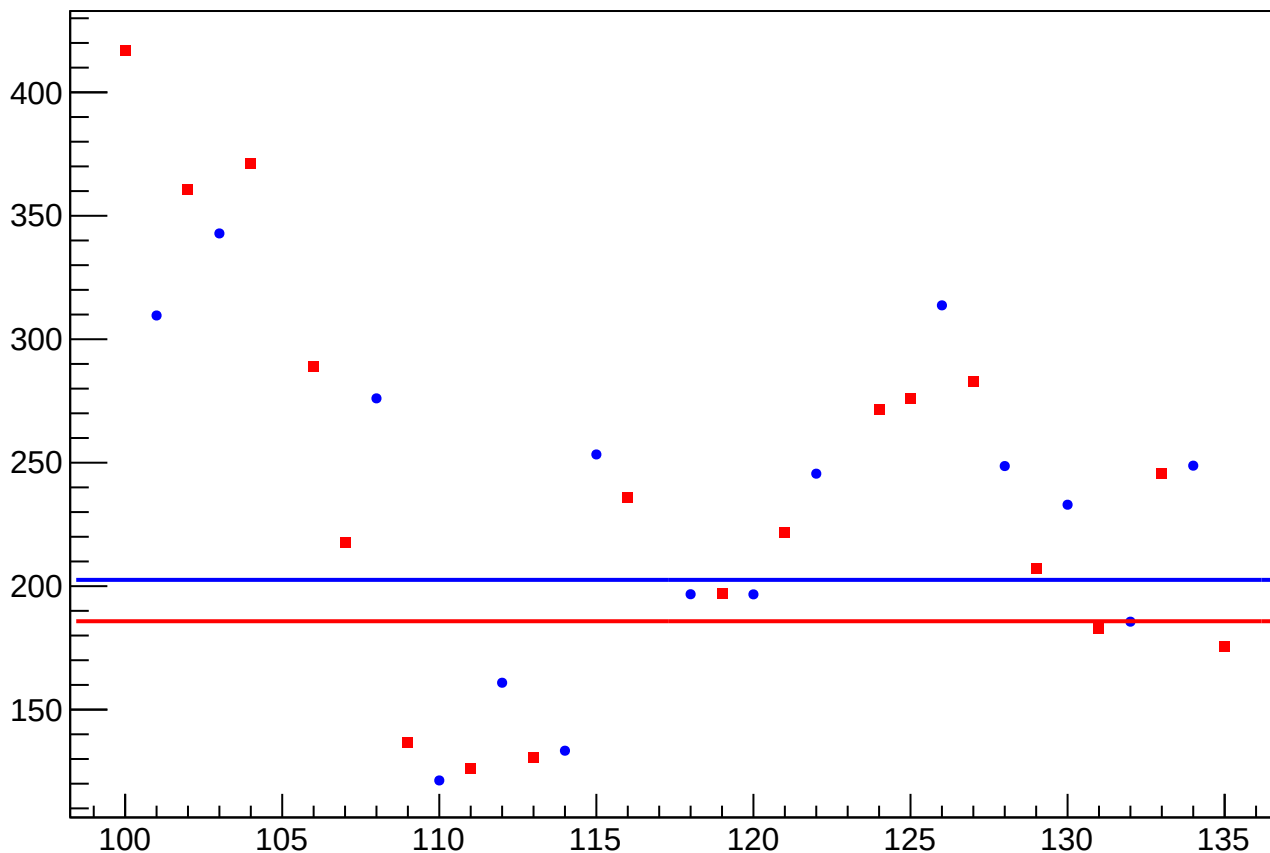
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 670.838+/-56.058 χ^2/NDF : 912.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l04WS_rms vs Slug



Right In: 202.545 $\pm$ 0.061 χ^2 /NDF: 1071536.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

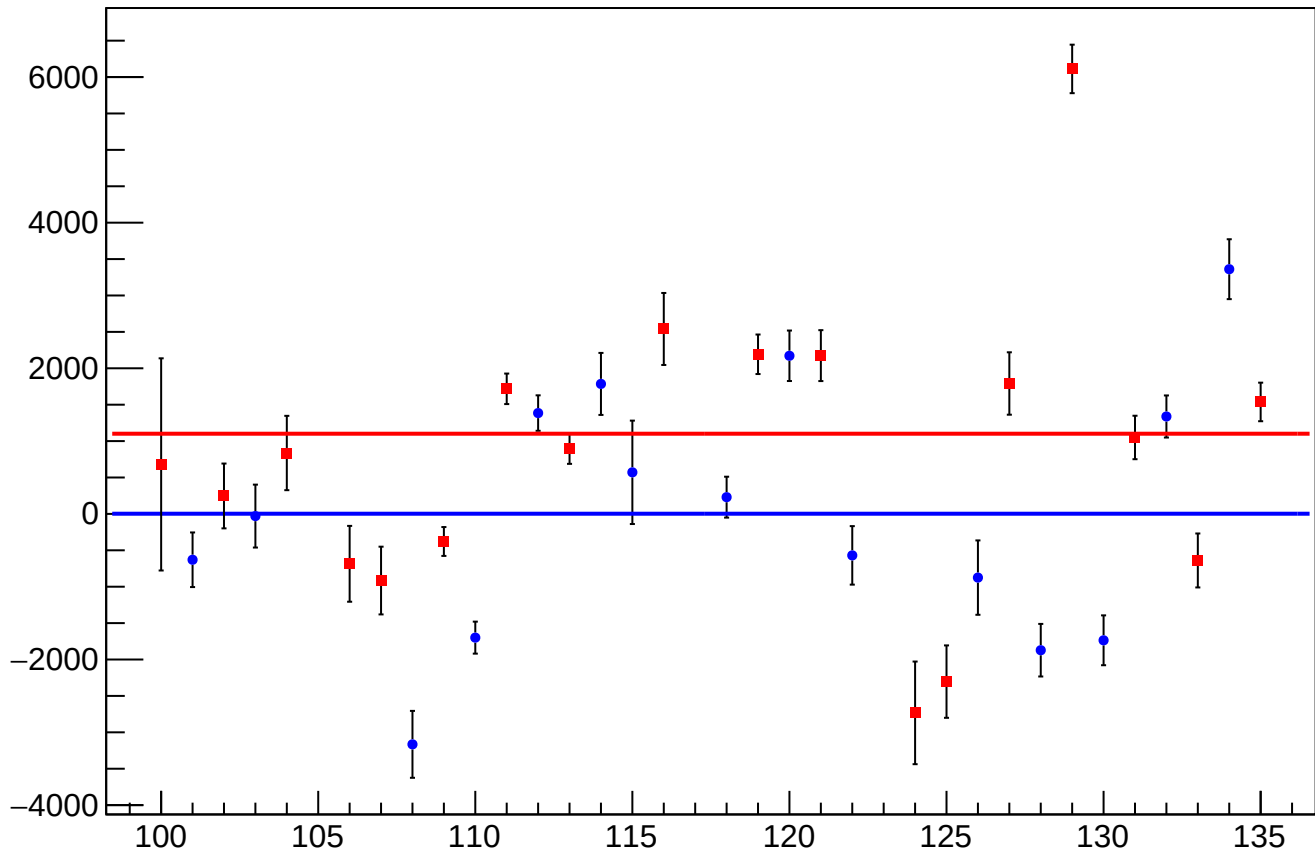
Right Out: 185.793 $\pm$ 0.052 χ^2 /NDF: 1480164.0/17

All: 192.953 $\pm$ 0.040 χ^2 /NDF: 2595413.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_bpm0l05WS_mean vs Slug



Right In: 2.470+/-88.613 χ^2/NDF : 346.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1101.338+/-77.070 χ^2/NDF : 464.2/17

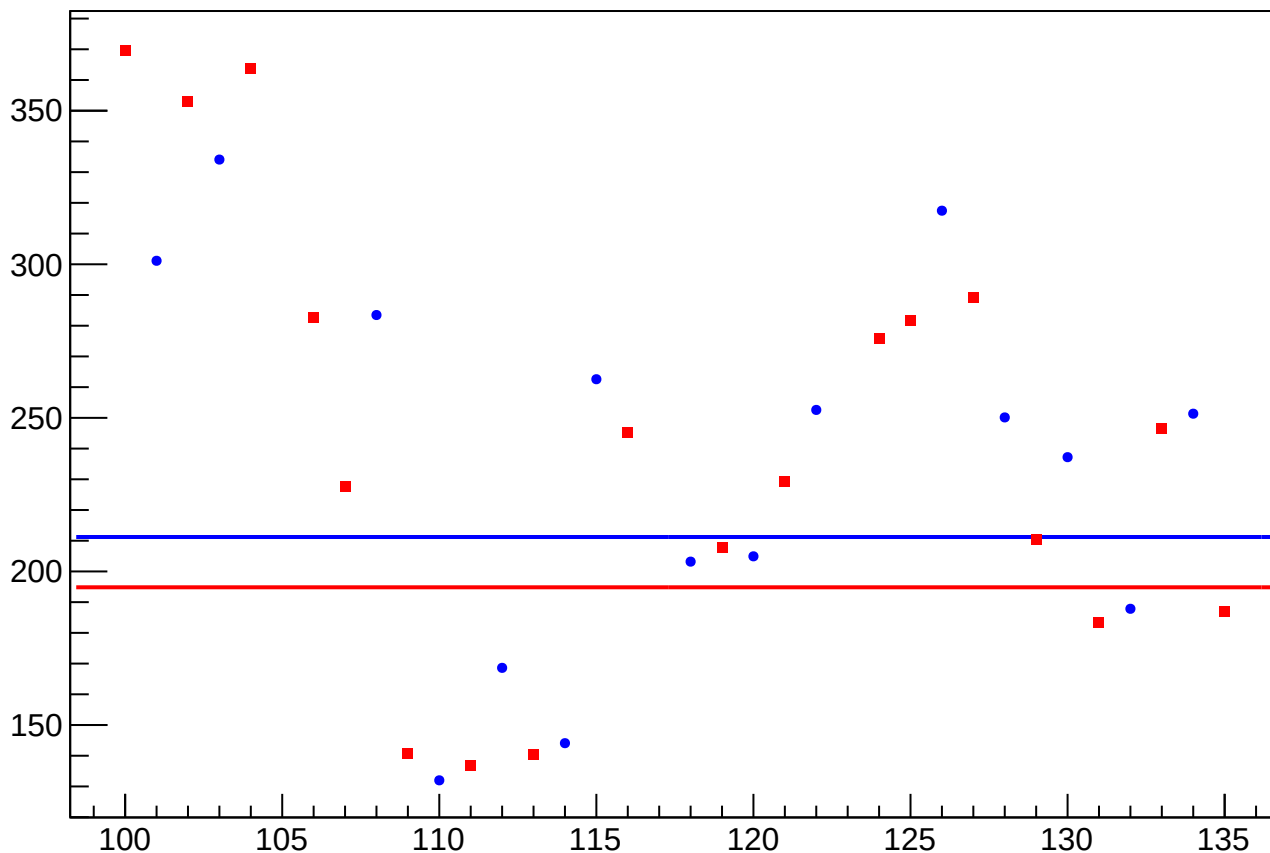
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 628.089+/-58.153 χ^2/NDF : 898.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l05WS_rms vs Slug



Right In: 211.213+/-0.063 χ^2/NDF : 884360.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 194.837+/-0.054 χ^2/NDF : 1284282.1/17

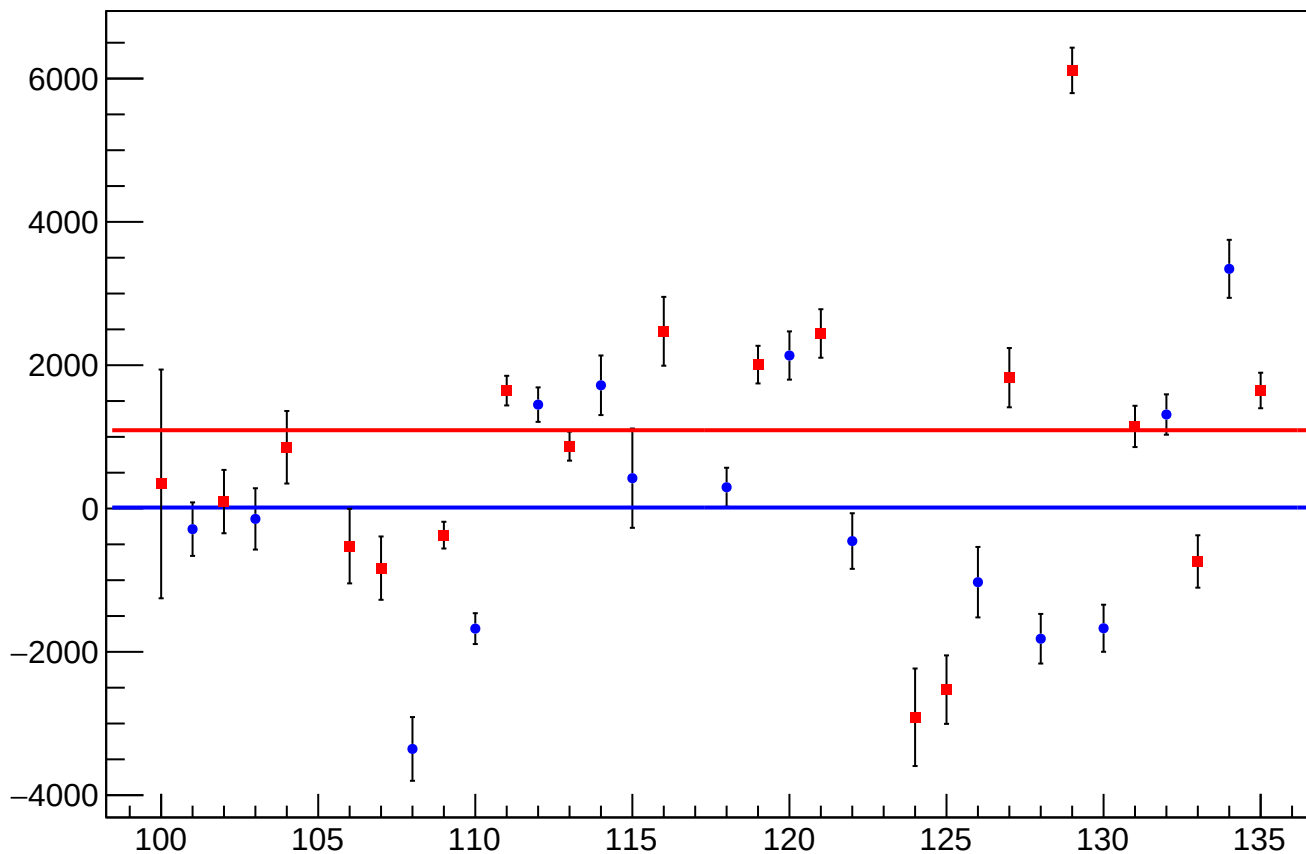
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 201.889+/-0.041 χ^2/NDF : 2207530.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_mean vs Slug



Right In: 14.013+/-86.426 χ^2/NDF : 362.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.701+/-74.452 χ^2/NDF : 516.4/17

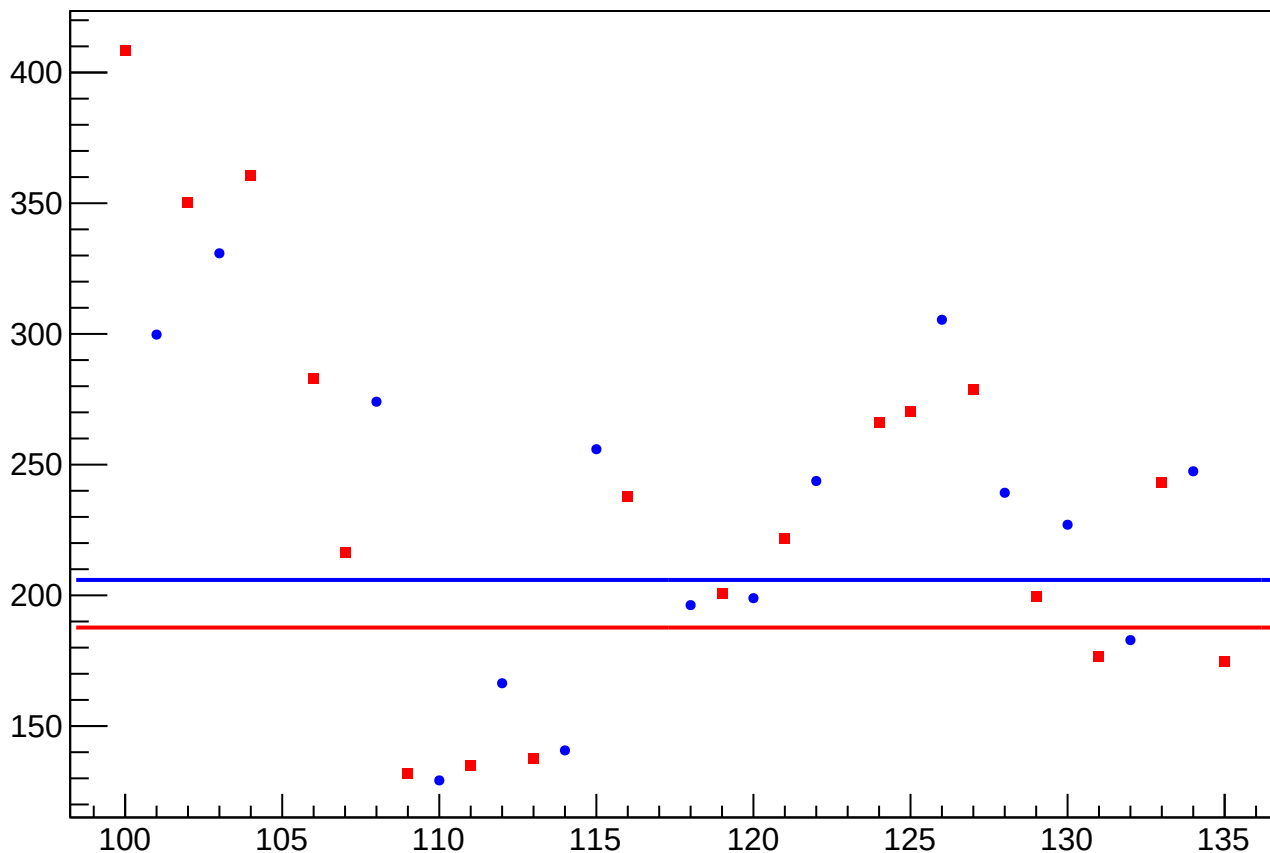
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 633.199+/-56.408 χ^2/NDF : 968.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l06WS_rms vs Slug



Right In: 205.890 $\pm$ 0.061 χ^2 /NDF: 876816.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 187.680 $\pm$ 0.053 χ^2 /NDF: 1336699.4/17

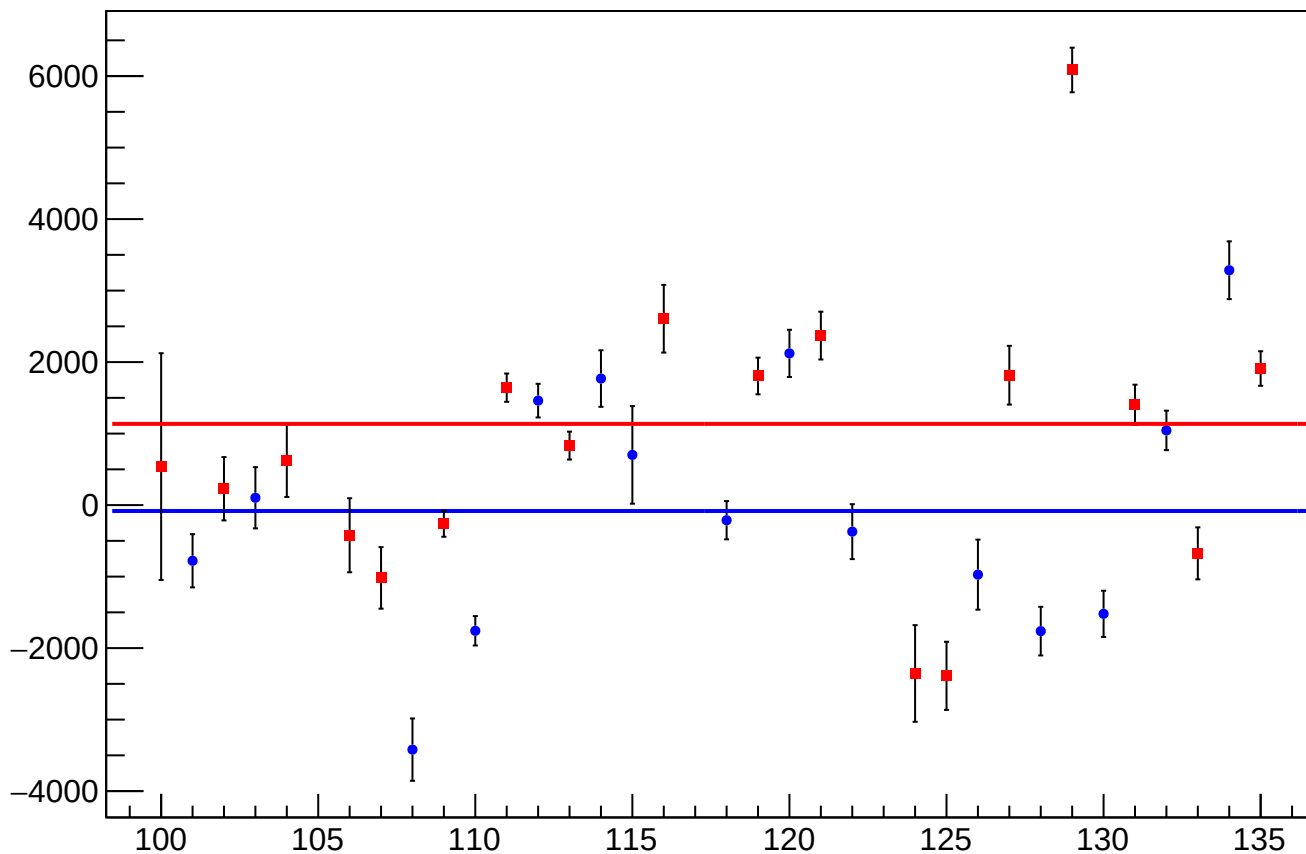
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 195.437 $\pm$ 0.040 χ^2 /NDF: 2264479.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0l07WS_mean vs Slug



Right In: -82.399 ± 84.576 χ^2/NDF : 374.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1135.824 ± 72.567 χ^2/NDF : 510.9/17

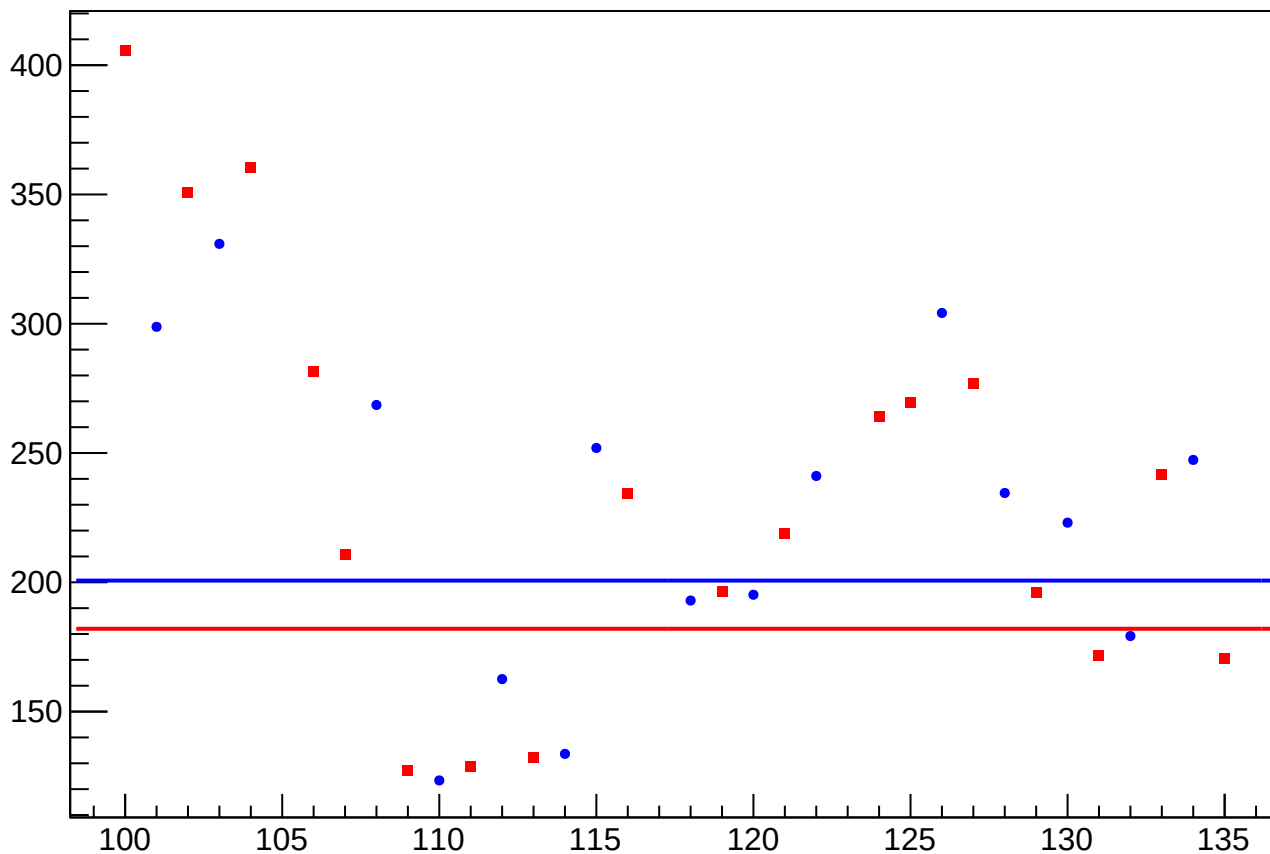
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 619.272 ± 55.073 χ^2/NDF : 1004.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l07WS_rms vs Slug



Right In: 200.665 ± 0.060 χ^2/NDF : 958856.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 182.030 ± 0.051 χ^2/NDF : 1446200.9/17

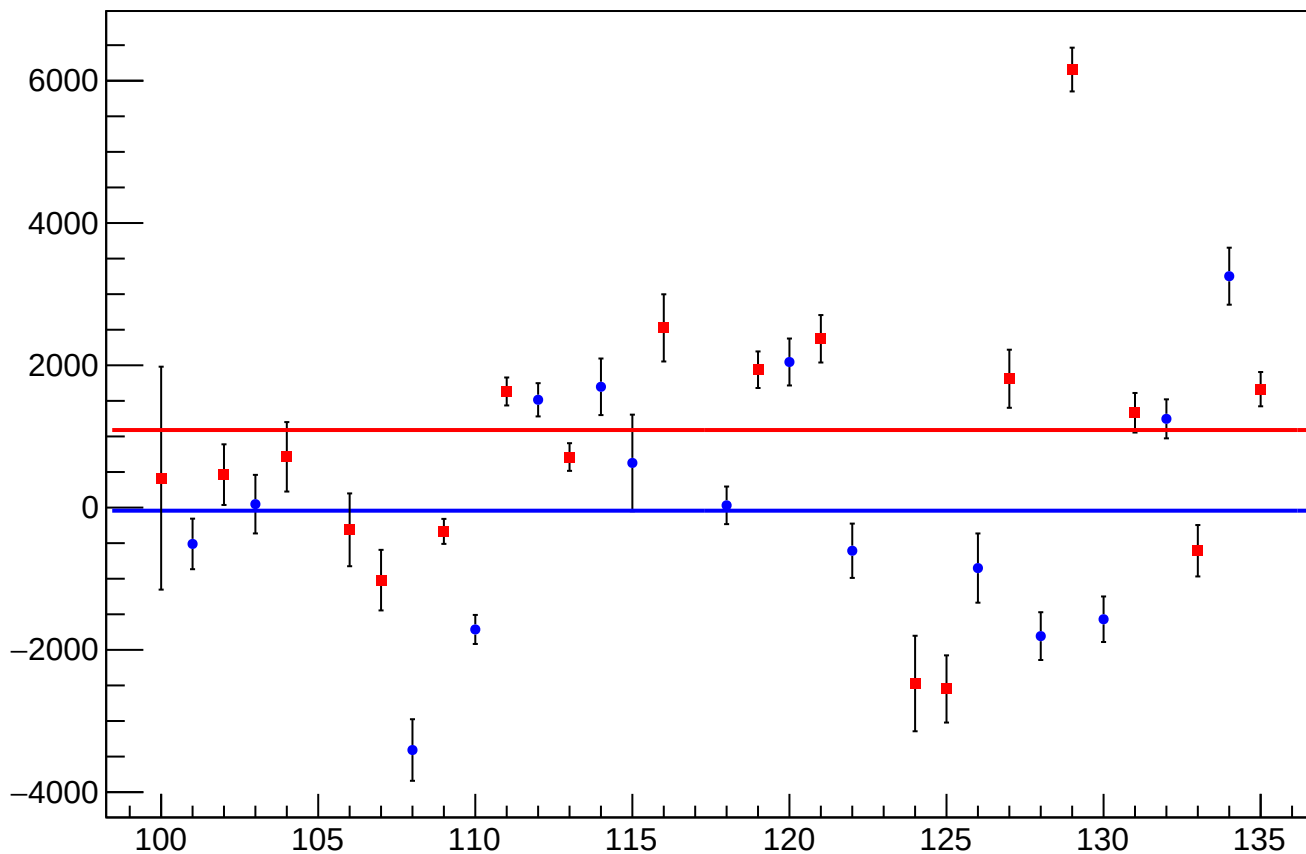
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 189.932 ± 0.039 χ^2/NDF : 2460980.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_mean vs Slug



Right In: -43.611 ± 83.707 χ^2/NDF : 379.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1090.155 ± 71.814 χ^2/NDF : 537.8/17

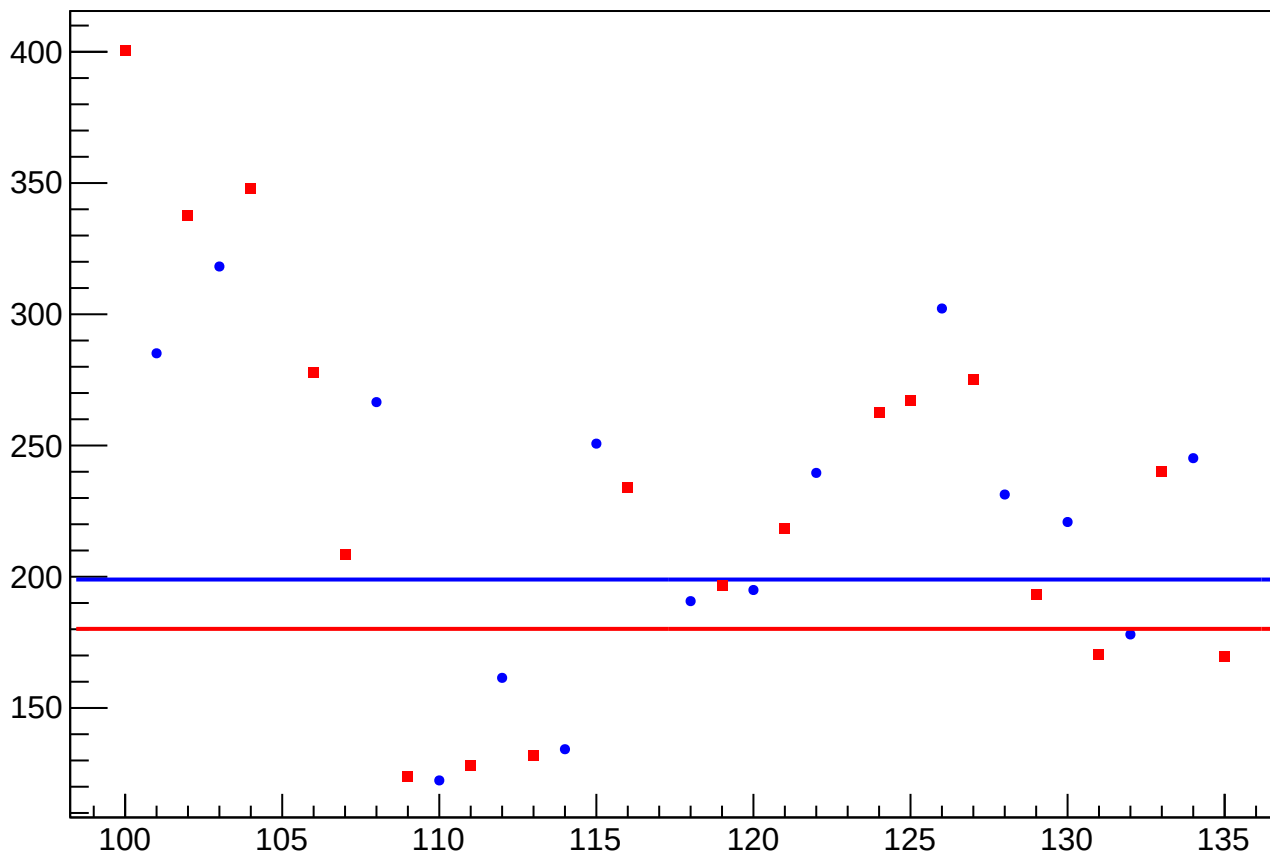
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 609.465 ± 54.504 χ^2/NDF : 1022.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l08WS_rms vs Slug



Right In: 198.937+/-0.059 χ^2/NDF : 912762.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 180.141+/-0.051 χ^2/NDF : 1432879.8/17

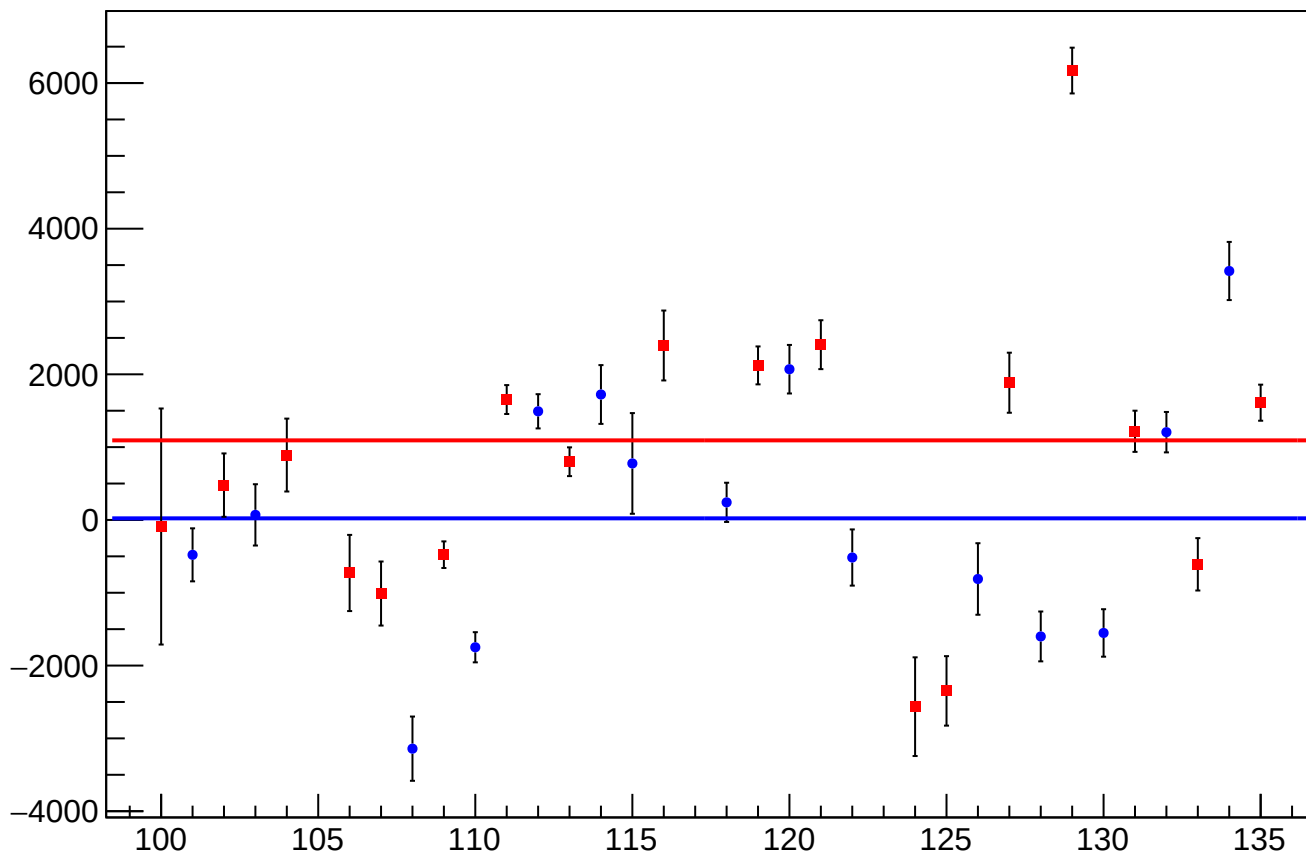
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 188.110+/-0.039 χ^2/NDF : 2403730.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_mean vs Slug



Right In: 21.936+/-84.889 χ^2/NDF : 363.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1092.850+/-73.229 χ^2/NDF : 532.9/17

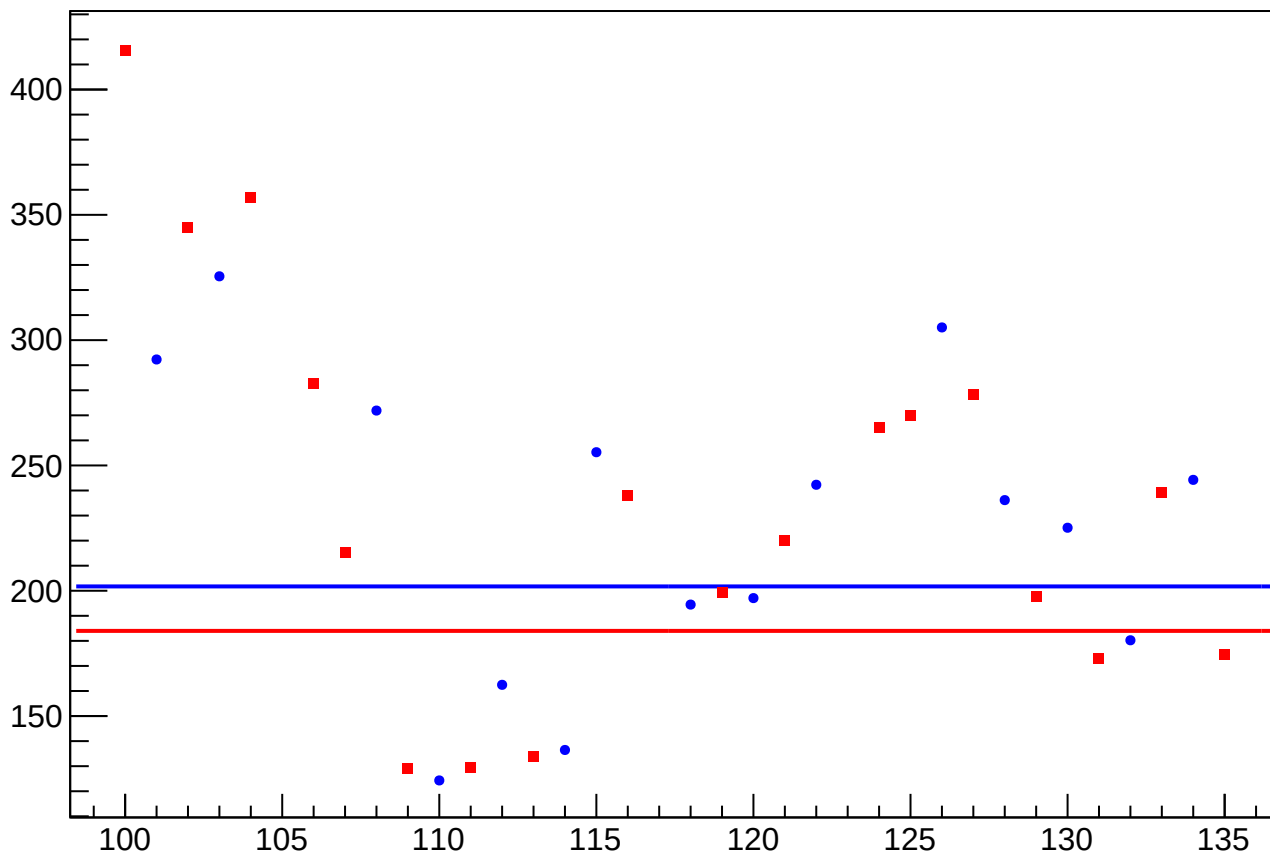
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 635.937+/-55.449 χ^2/NDF : 988.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l09WS_rms vs Slug



Right In: 201.729+/-0.060 χ^2/NDF : 924209.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 183.983+/-0.052 χ^2/NDF : 1402861.4/17

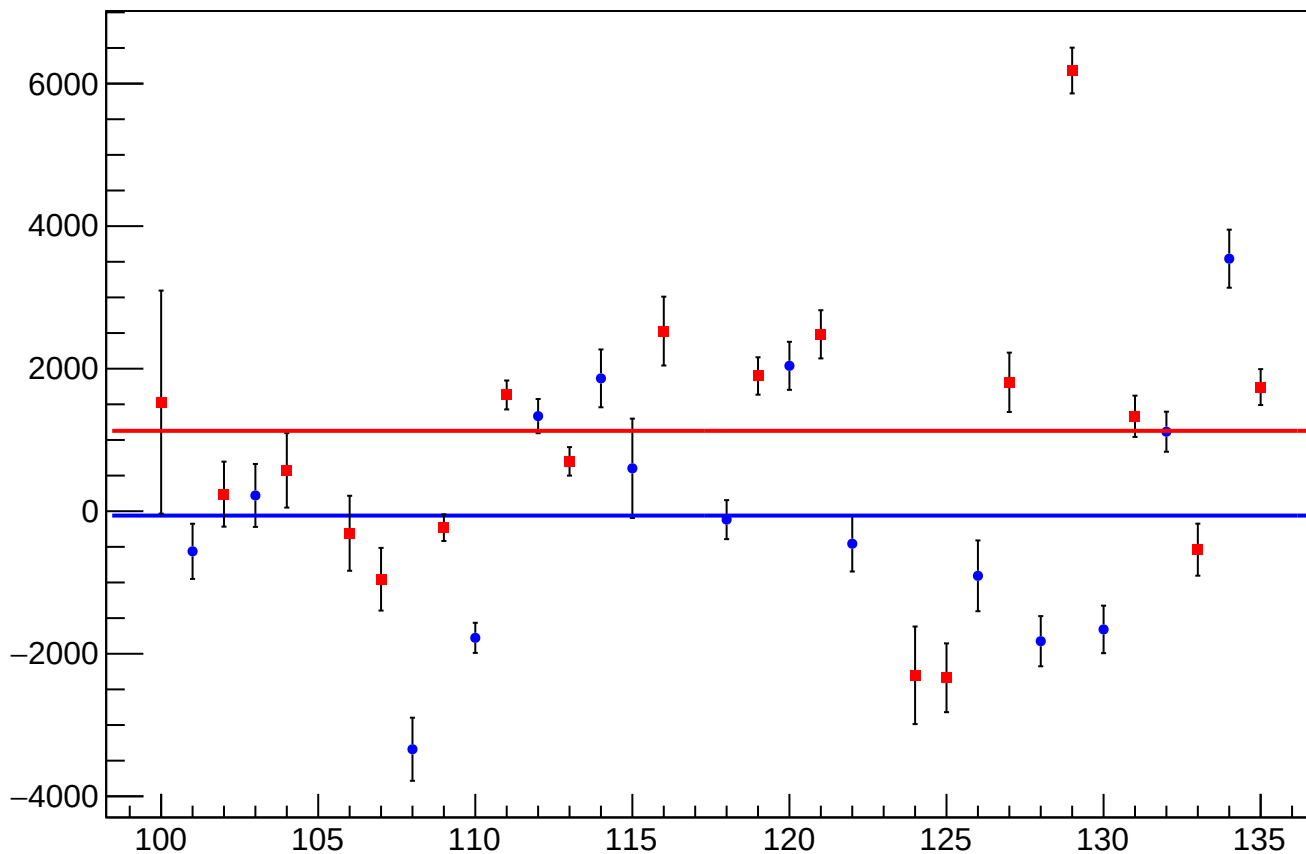
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 191.554+/-0.039 χ^2/NDF : 2377182.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_mean vs Slug



Right In: -61.218 ± 86.572 χ^2/NDF : 367.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1127.866 ± 74.482 χ^2/NDF : 486.3/17

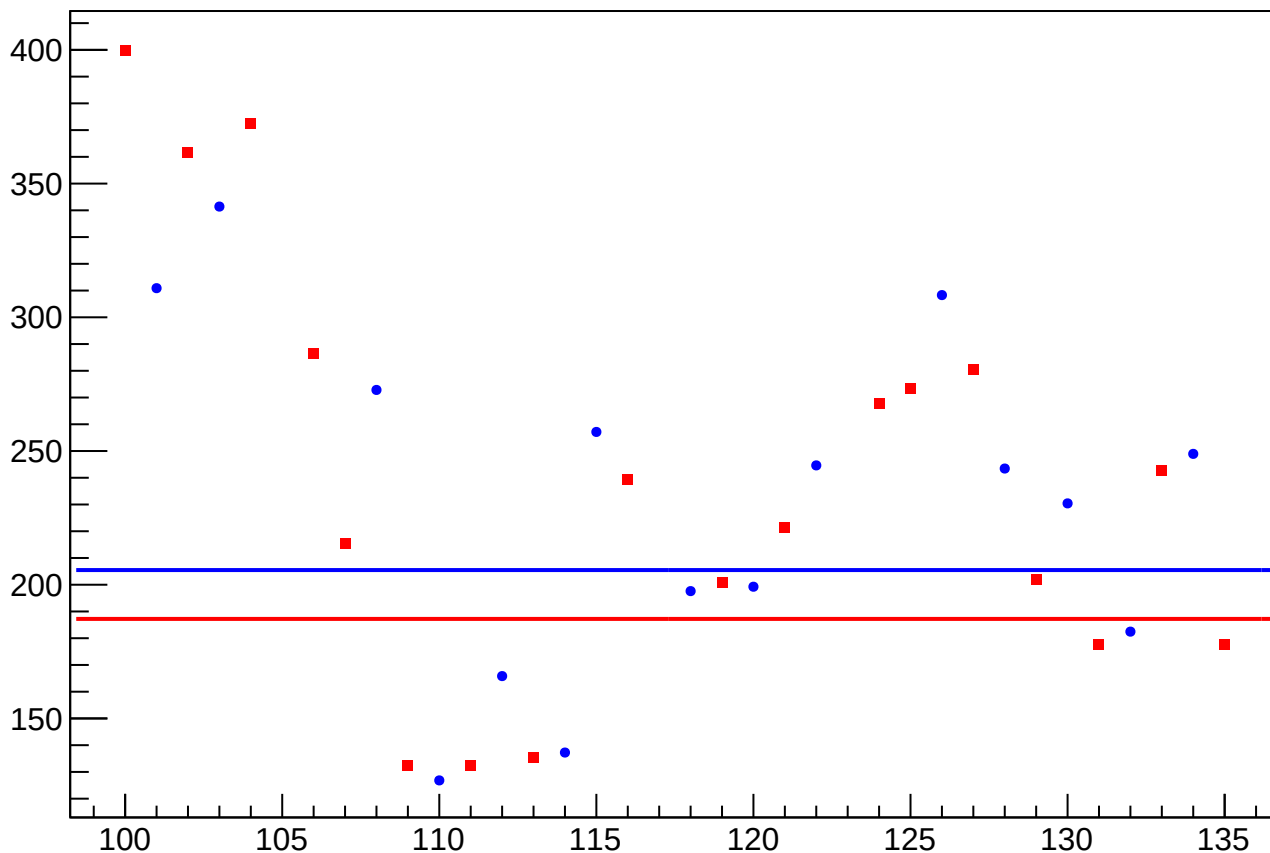
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 622.090 ± 56.461 χ^2/NDF : 961.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm0l10WS_rms vs Slug



Right In: 205.483+/-0.061 χ^2/NDF : 962694.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 187.218+/-0.053 χ^2/NDF : 1410228.8/17

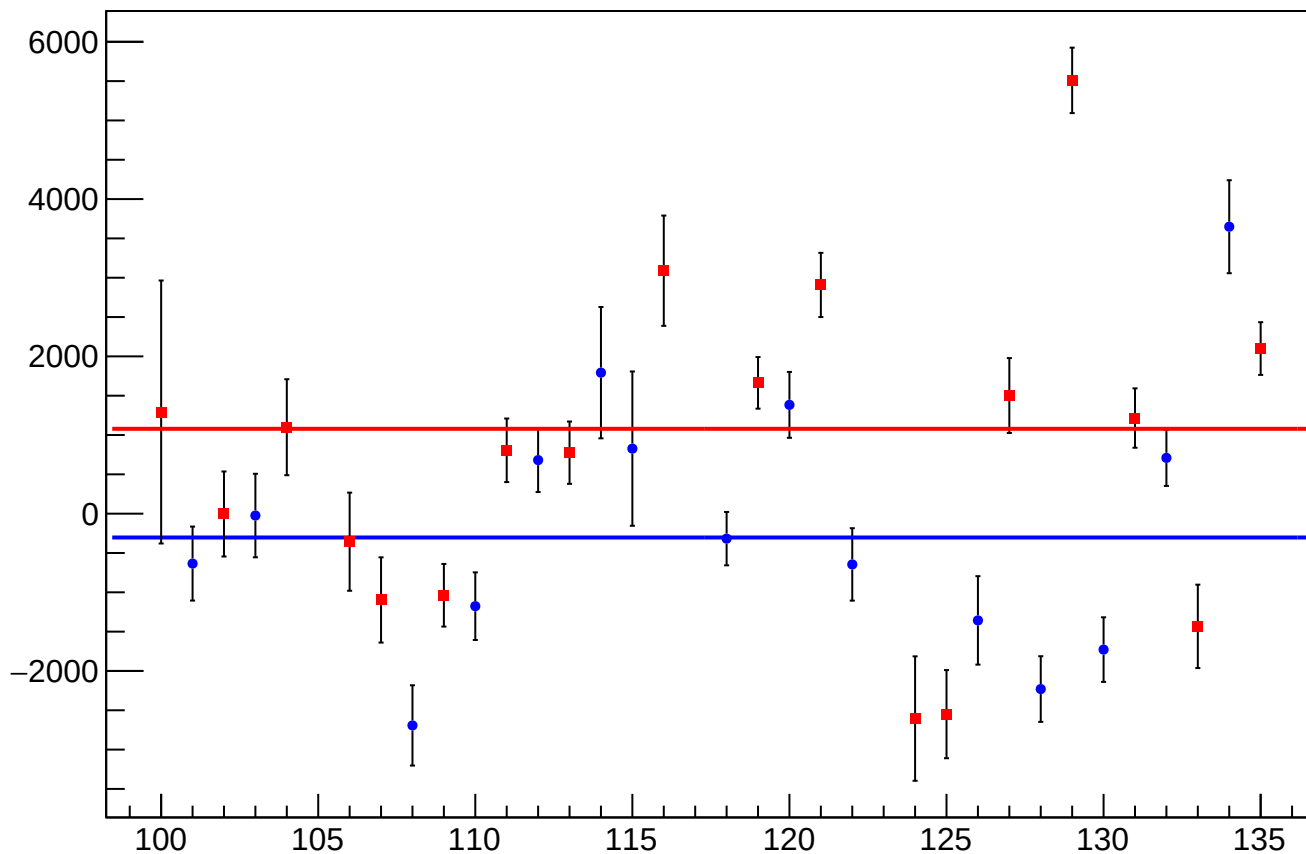
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 194.987+/-0.040 χ^2/NDF : 2424086.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_mean vs Slug



Right In: -302.934+/-119.099 χ^2/NDF : 146.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1079.079+/-109.758 χ^2/NDF : 295.8/17

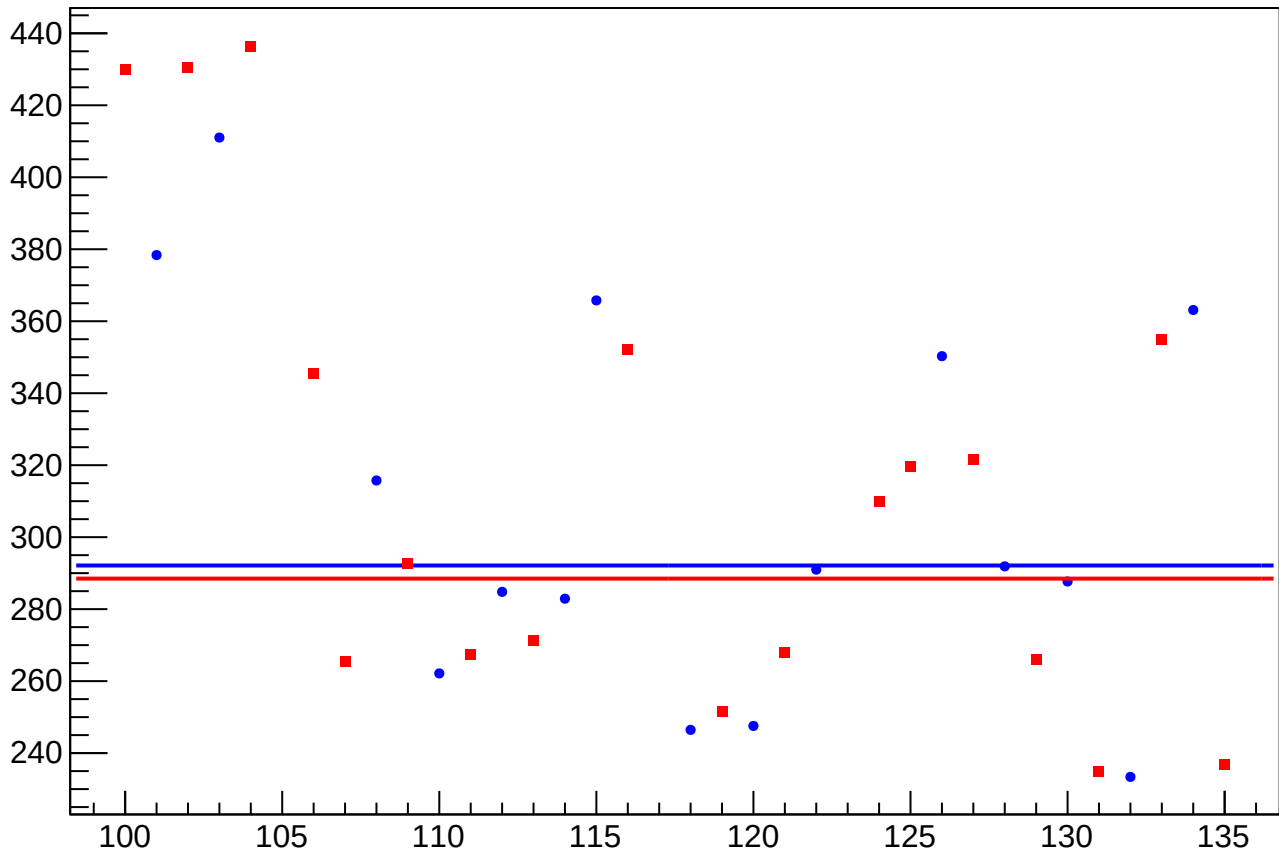
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 444.387+/-80.711 χ^2/NDF : 515.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r03WS_rms vs Slug



Right In: 292.129+/-0.084 χ^2/NDF : 357277.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 288.484+/-0.078 χ^2/NDF : 488845.2/17

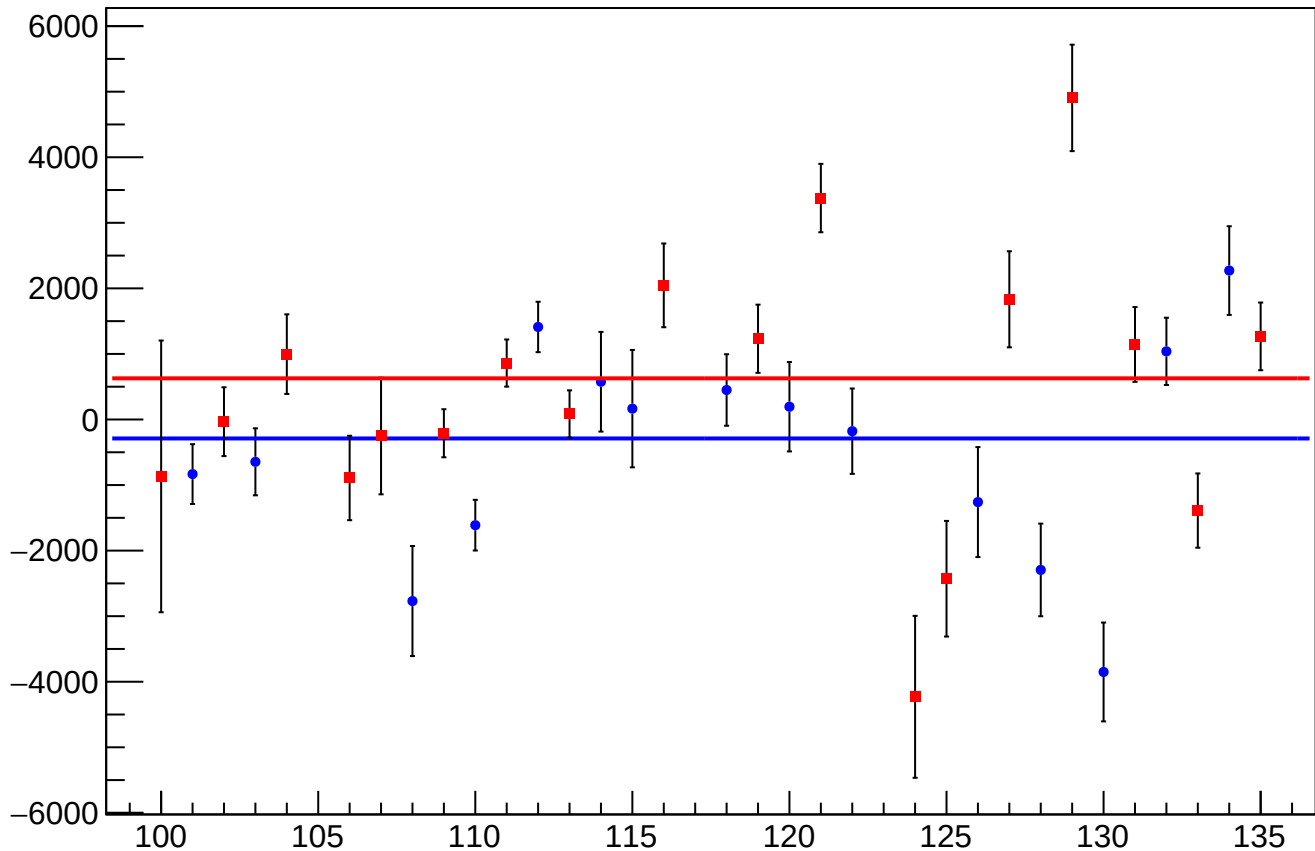
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 290.158+/-0.057 χ^2/NDF : 847135.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0r05WS_mean vs Slug



Right In: -289.388+/-148.180 χ^2 /NDF: 98.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 627.631+/-131.070 χ^2 /NDF: 124.0/17

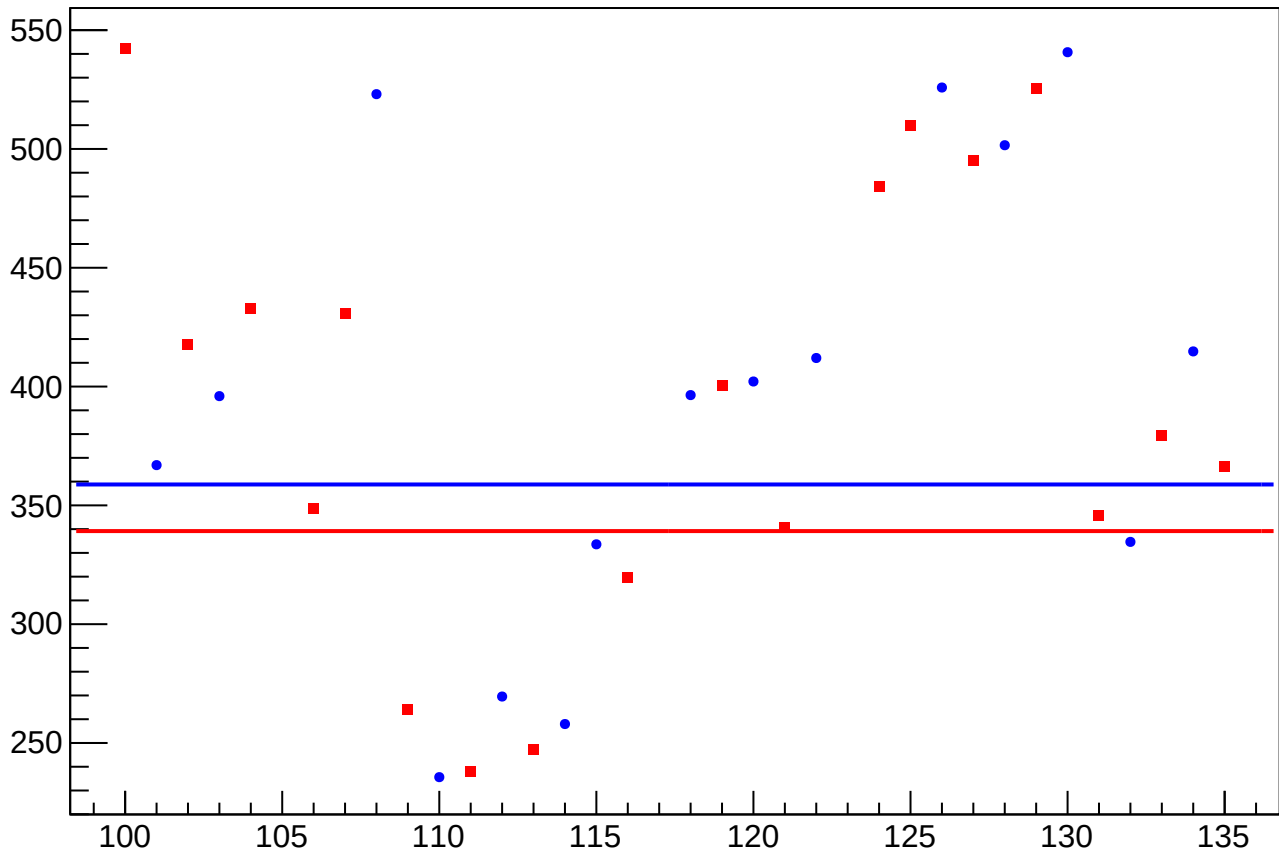
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 225.097+/-98.175 χ^2 /NDF: 244.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_bpm0r05WS_rms vs Slug



Right In: 358.794+/-0.105 χ^2/NDF : 762202.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 339.178+/-0.093 χ^2/NDF : 849238.4/17

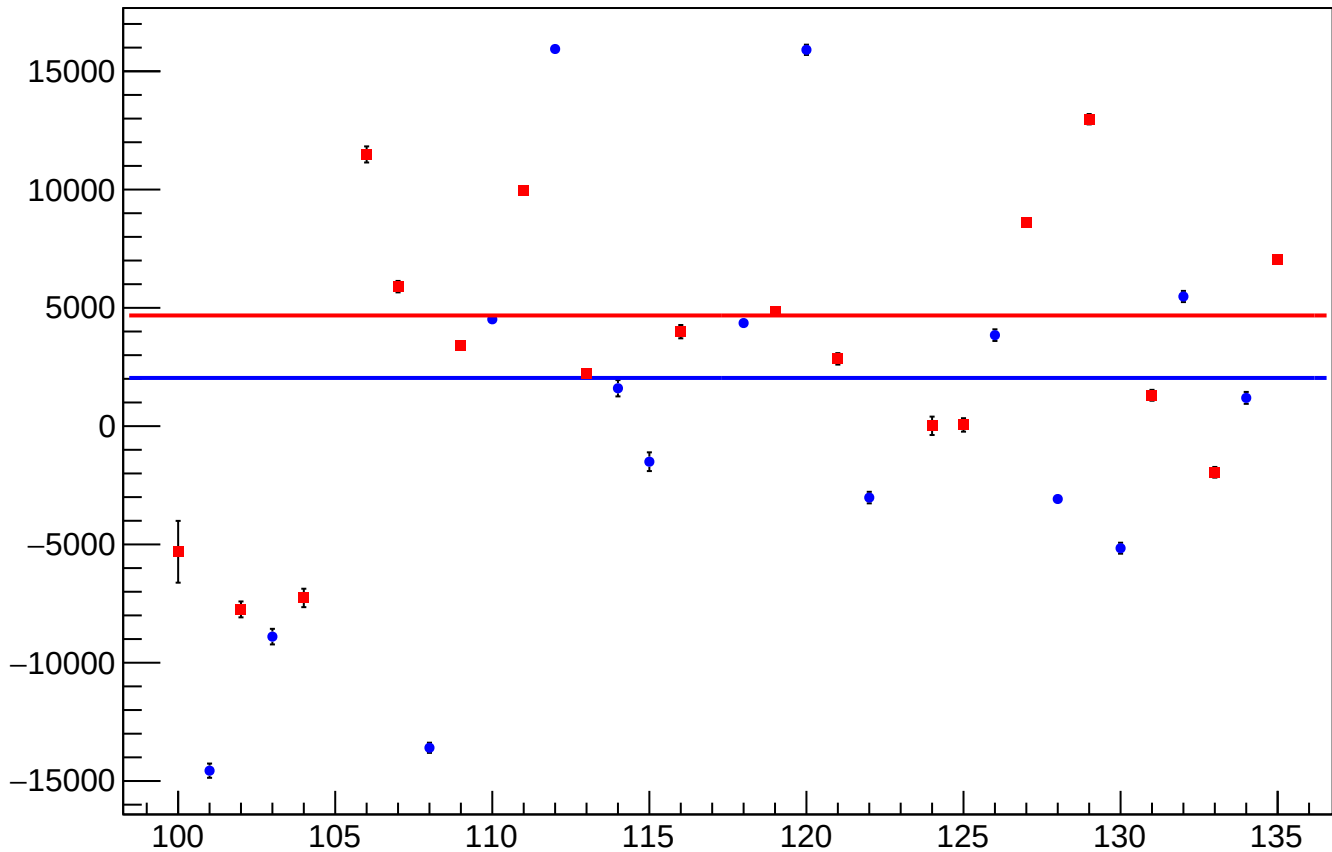
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 347.789+/-0.069 χ^2/NDF : 1631103.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_mean vs Slug



Right In: 2037.186+/-58.594 χ^2/NDF : 22748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4678.174+/-52.721 χ^2/NDF : 7793.7/17

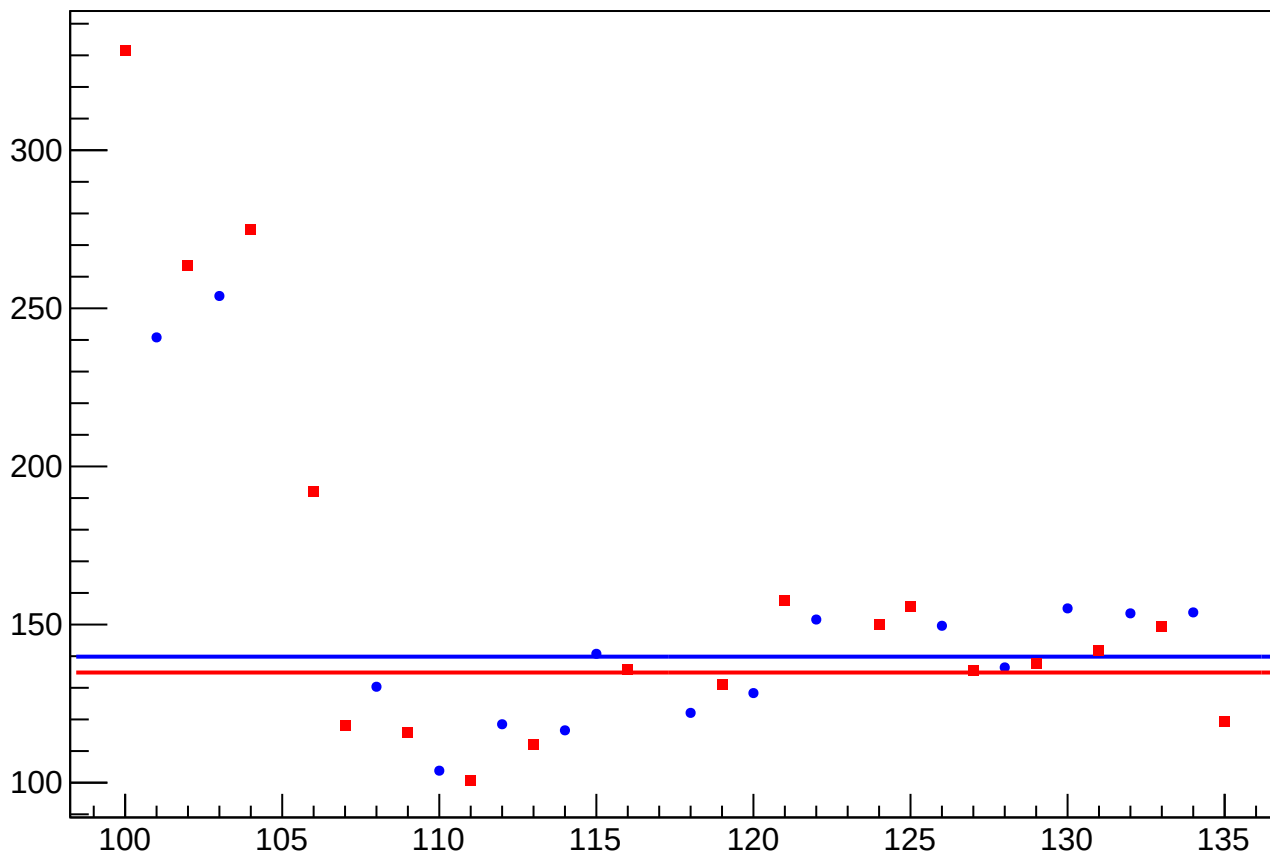
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3496.632+/-39.192 χ^2/NDF : 31665.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02WS_rms vs Slug



Right In: 139.854+/-0.041 χ^2/NDF : 652528.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 134.834+/-0.037 χ^2/NDF : 884884.1/17

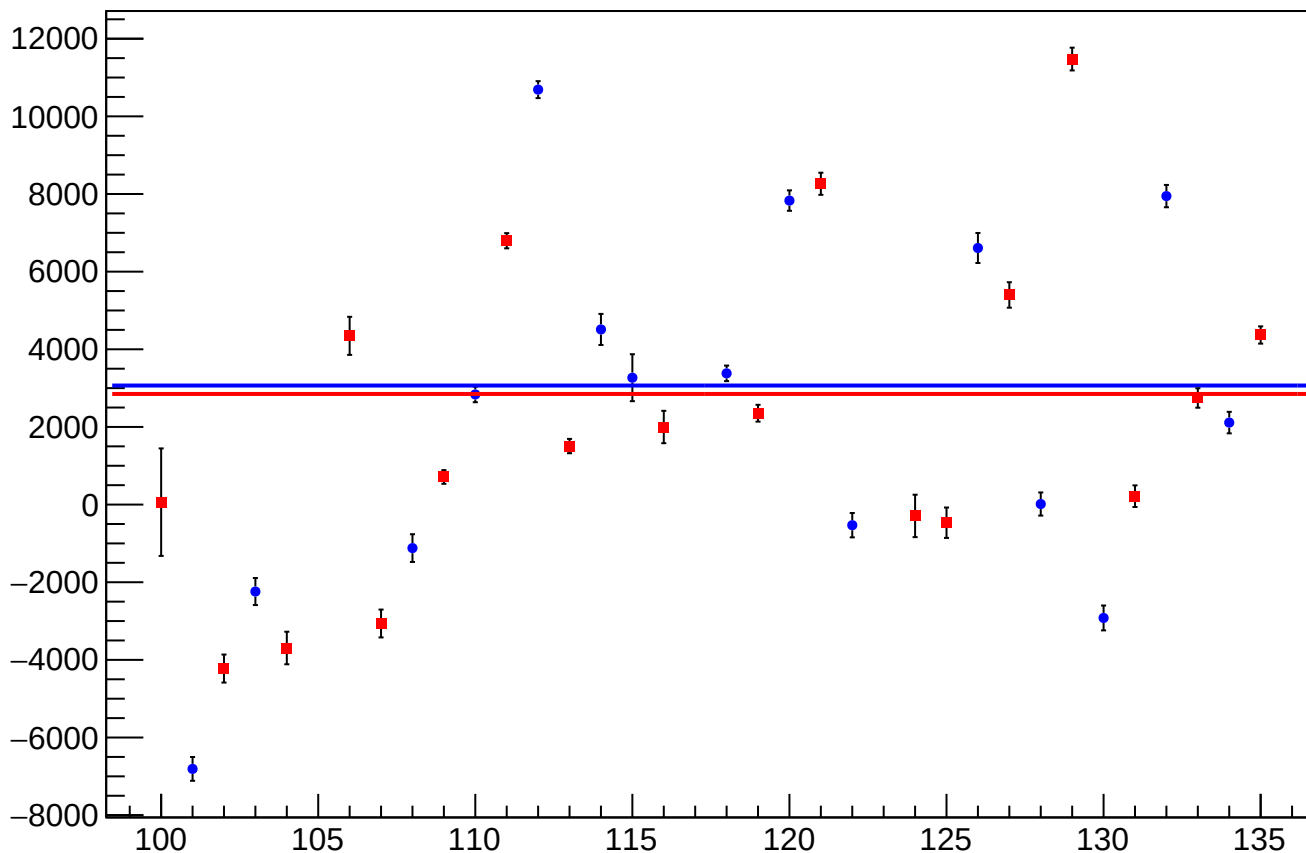
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.080+/-0.028 χ^2/NDF : 1545524.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_mean vs Slug



Right In: 3066.704+/-73.760 χ^2/NDF : 3942.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2849.657+/-65.545 χ^2/NDF : 3055.3/17

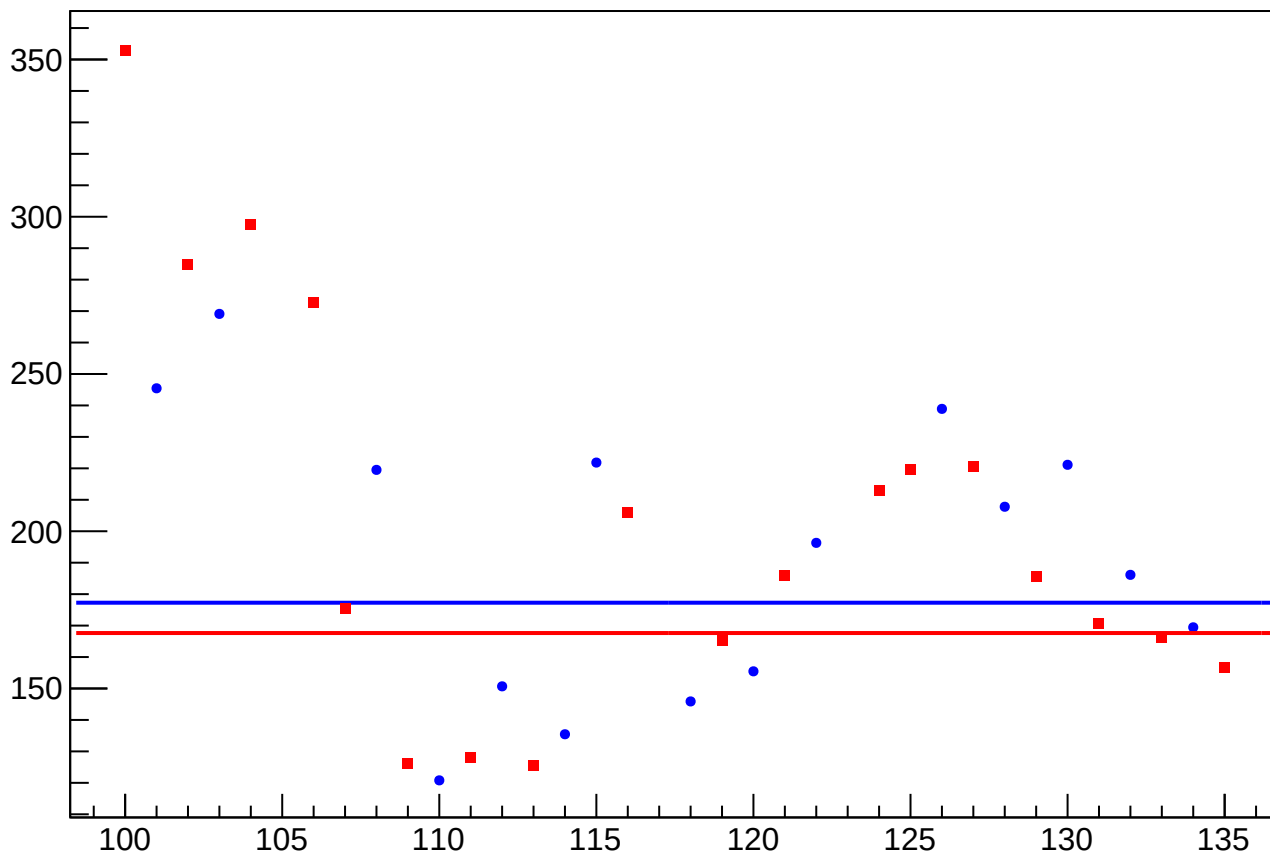
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2945.426+/-48.995 χ^2/NDF : 7003.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i02aWS_rms vs Slug



Right In: 177.276 $\pm$ 0.052 χ^2 /NDF: 669607.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 167.634 $\pm$ 0.046 χ^2 /NDF: 968650.4/17

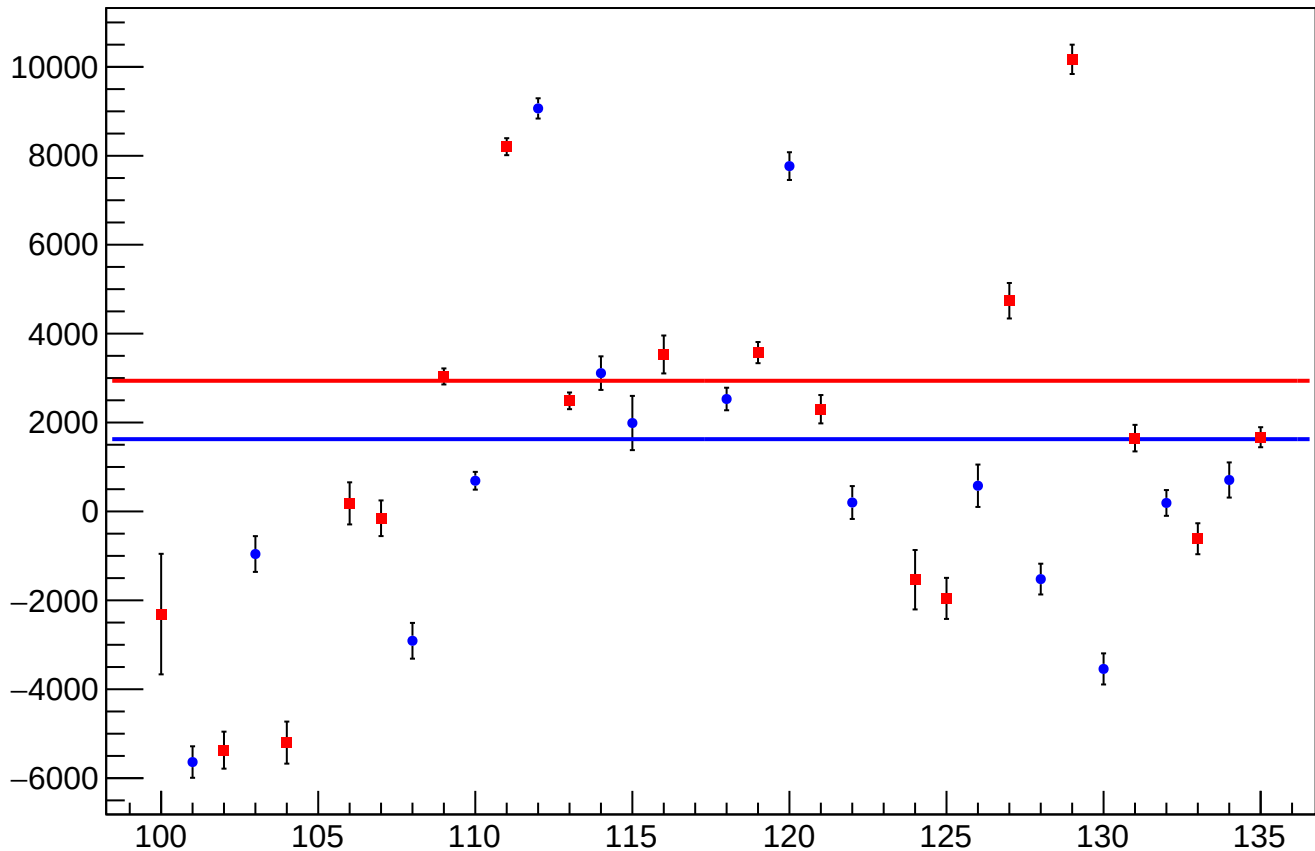
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 171.888 $\pm$ 0.035 χ^2 /NDF: 1657354.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_mean vs Slug



Right In: 1625.747 $\pm$ 82.570 χ^2 /NDF: 2442.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 2939.006 $\pm$ 70.268 χ^2 /NDF: 2395.7/17

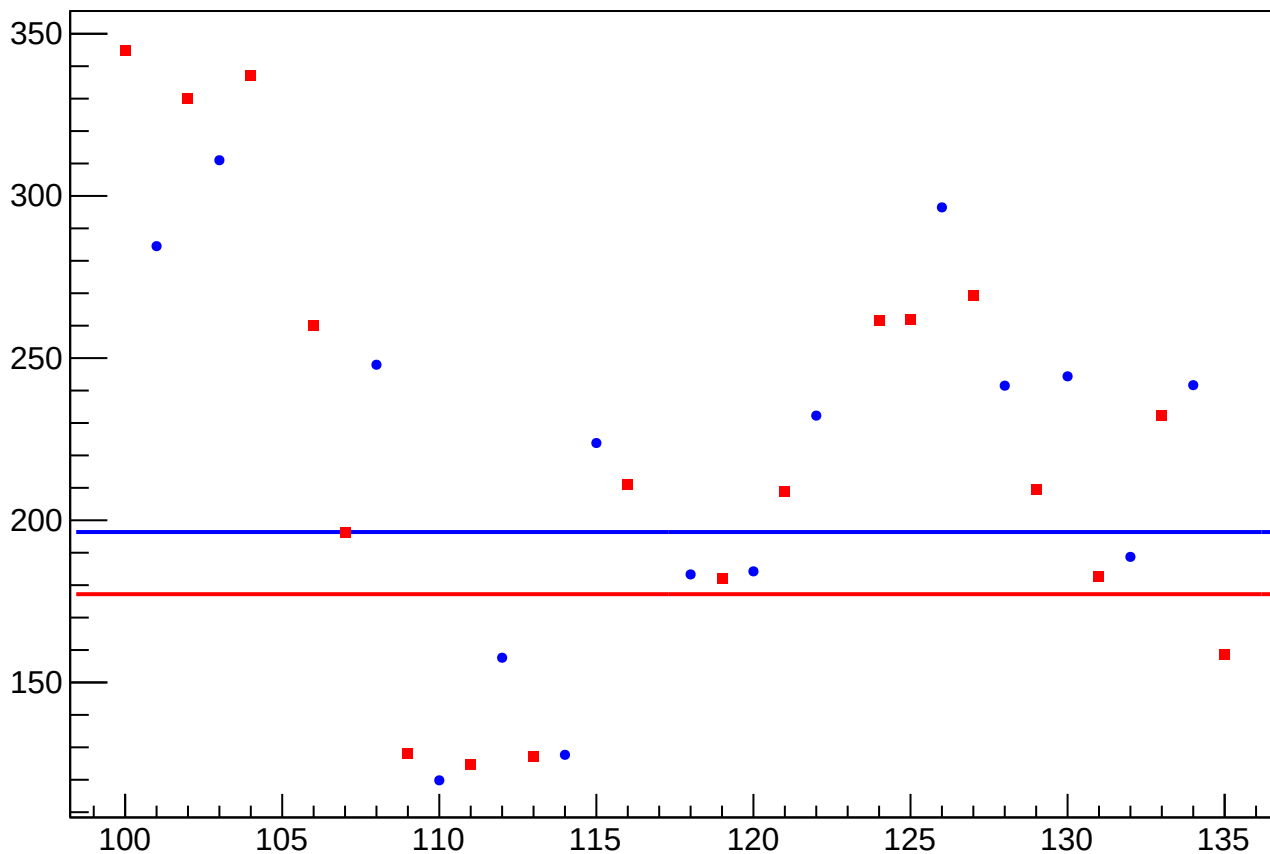
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2387.401 $\pm$ 53.513 χ^2 /NDF: 4985.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bpm0i05WS_rms vs Slug



Right In: 196.376+/-0.058 χ^2/NDF : 955487.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 177.217+/-0.050 χ^2/NDF : 1359214.4/17

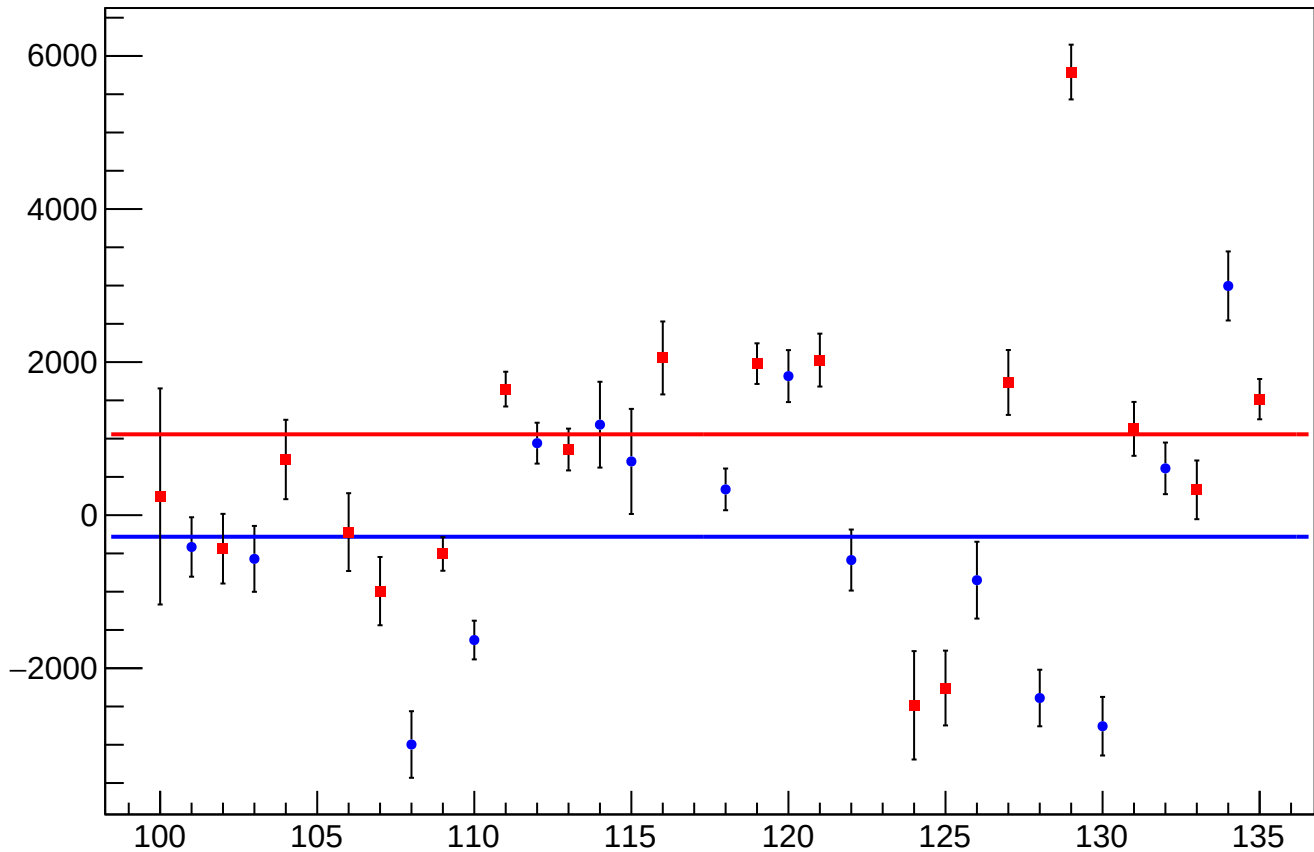
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.264+/-0.038 χ^2/NDF : 2377157.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_mean vs Slug



Right In: -282.009+/-94.280 χ^2/NDF : 277.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1056.345+/-82.410 χ^2/NDF : 376.6/17

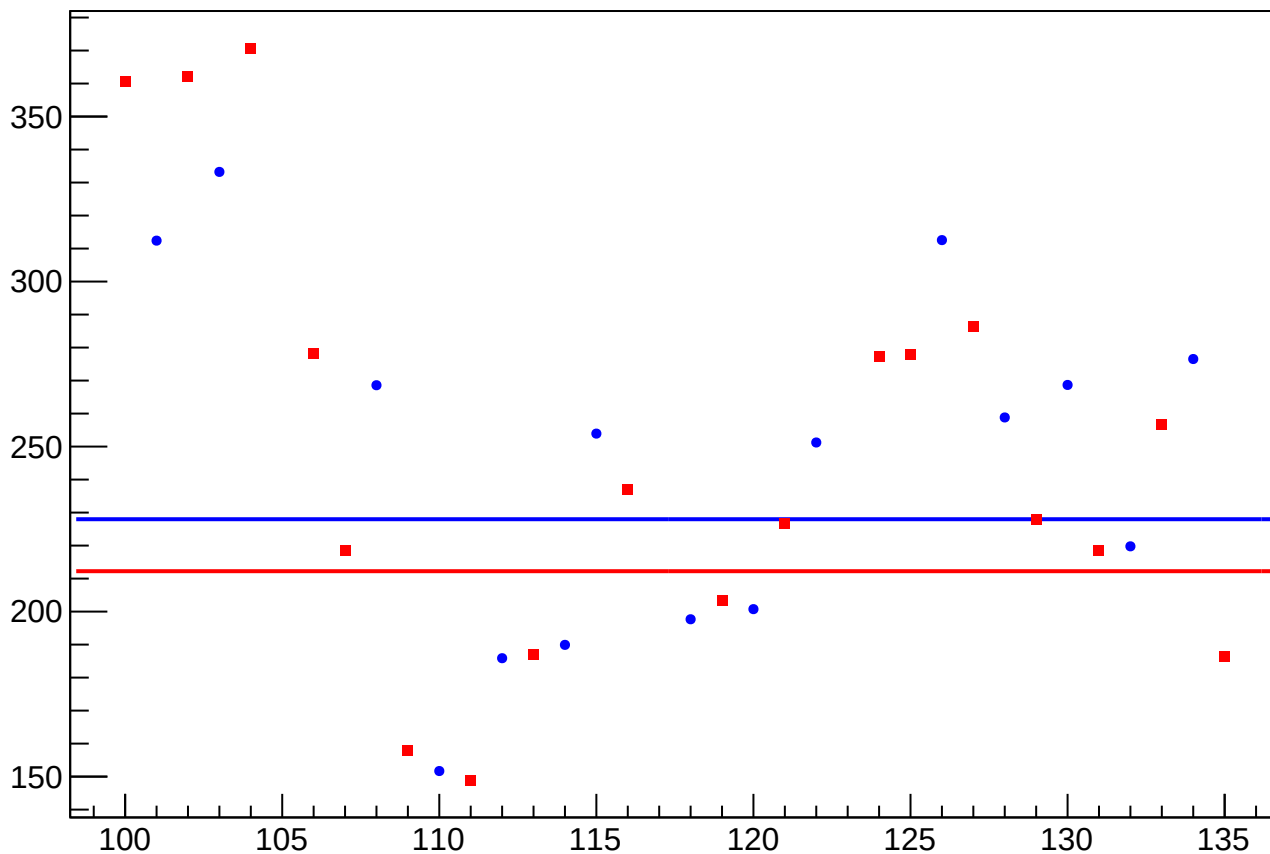
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 476.675+/-62.048 χ^2/NDF : 767.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm0i07WS_rms vs Slug



Right In: 227.989 ± 0.067 χ^2/NDF : 637290.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

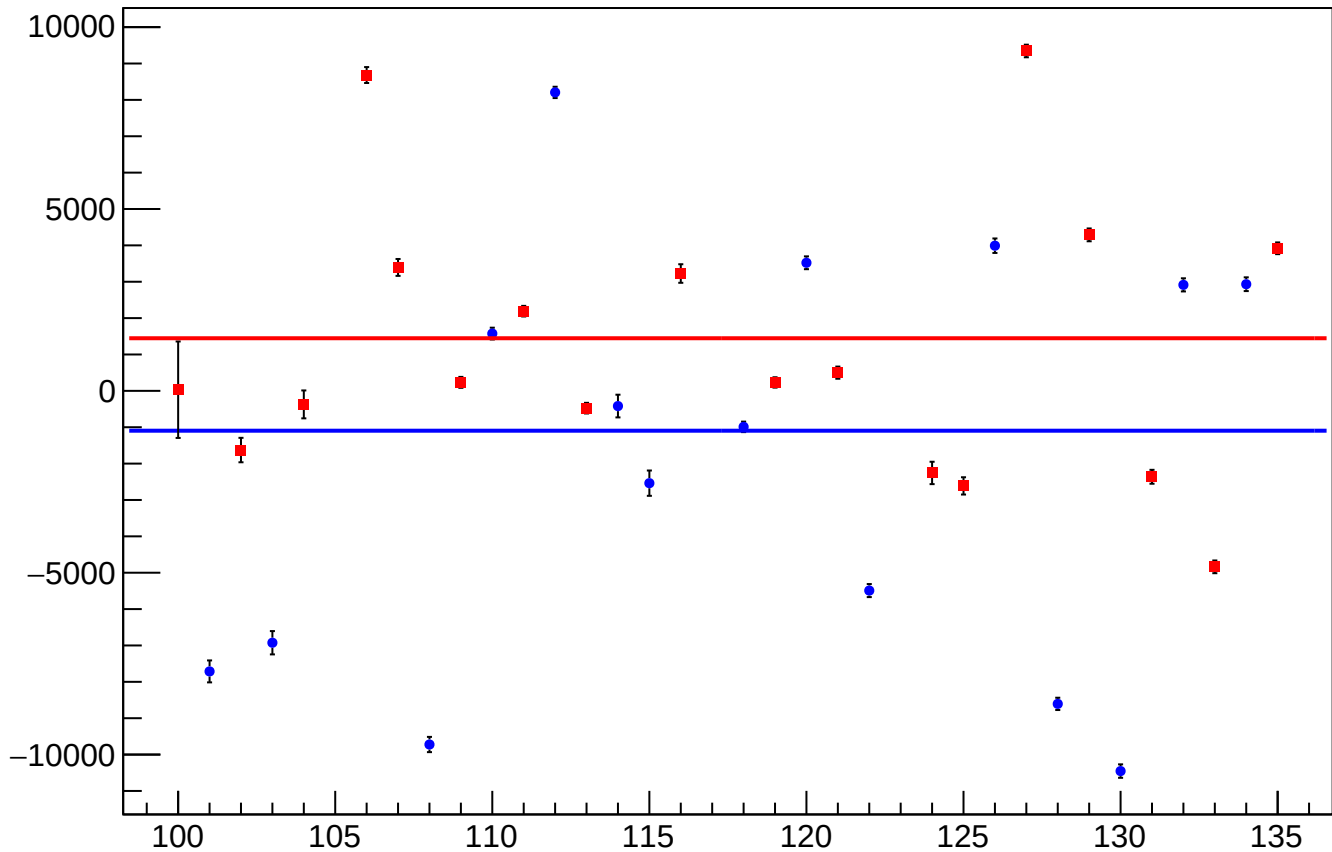
Right Out: 212.241 ± 0.058 χ^2/NDF : 929410.8/17

All: 219.062 ± 0.044 χ^2/NDF : 1598330.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_mean vs Slug



Right In: -1095.559+/-49.942 χ^2/NDF : 13799.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1446.554+/-45.331 χ^2/NDF : 6384.3/17

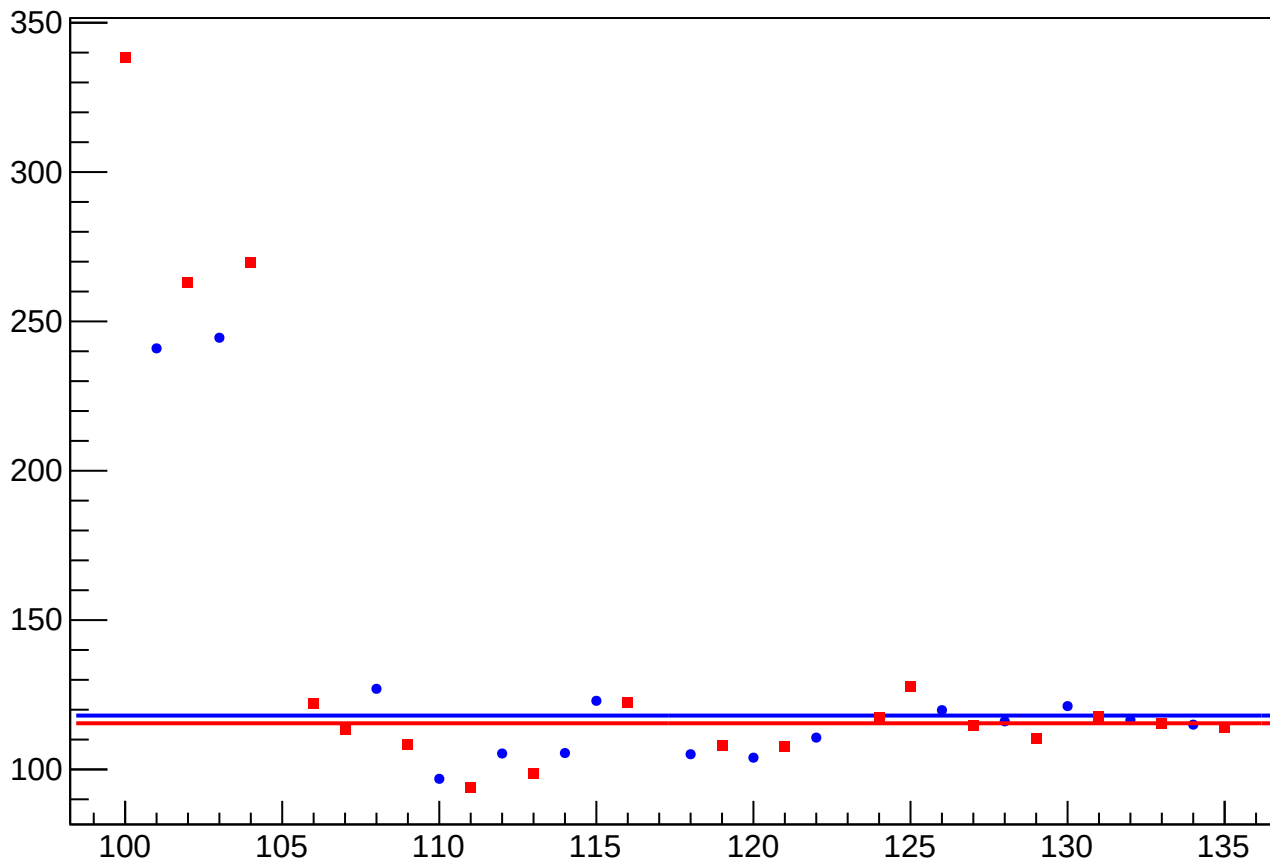
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 298.254+/-33.566 χ^2/NDF : 21604.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i02WS_rms vs Slug



Right In: 118.040+/-0.035 χ^2/NDF : 732173.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.453+/-0.032 χ^2/NDF : 862632.9/17

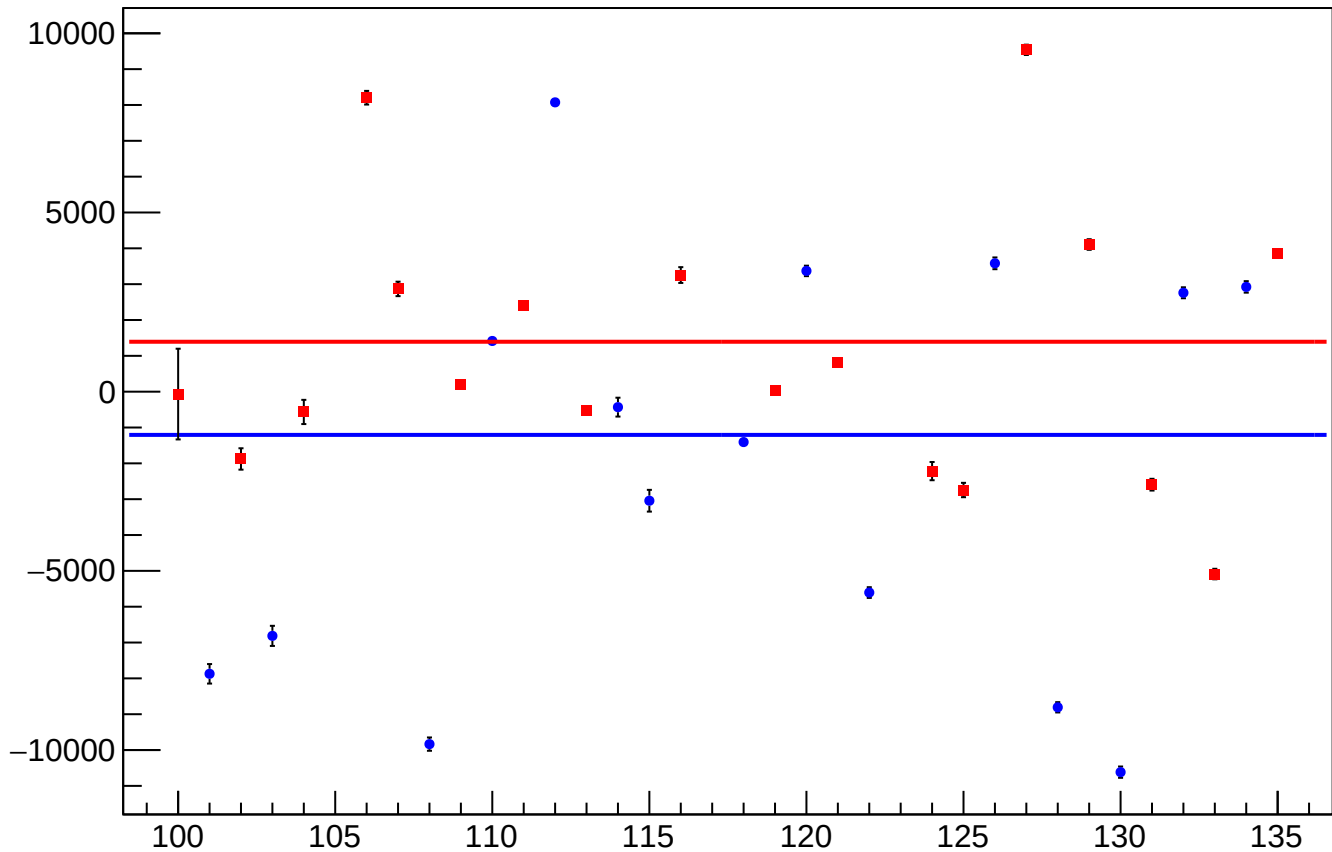
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 116.622+/-0.024 χ^2/NDF : 1597748.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_mean vs Slug



Right In: -1205.953 ± 42.388 χ^2/NDF : 18798.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1393.201 ± 38.490 χ^2/NDF : 9146.0/17

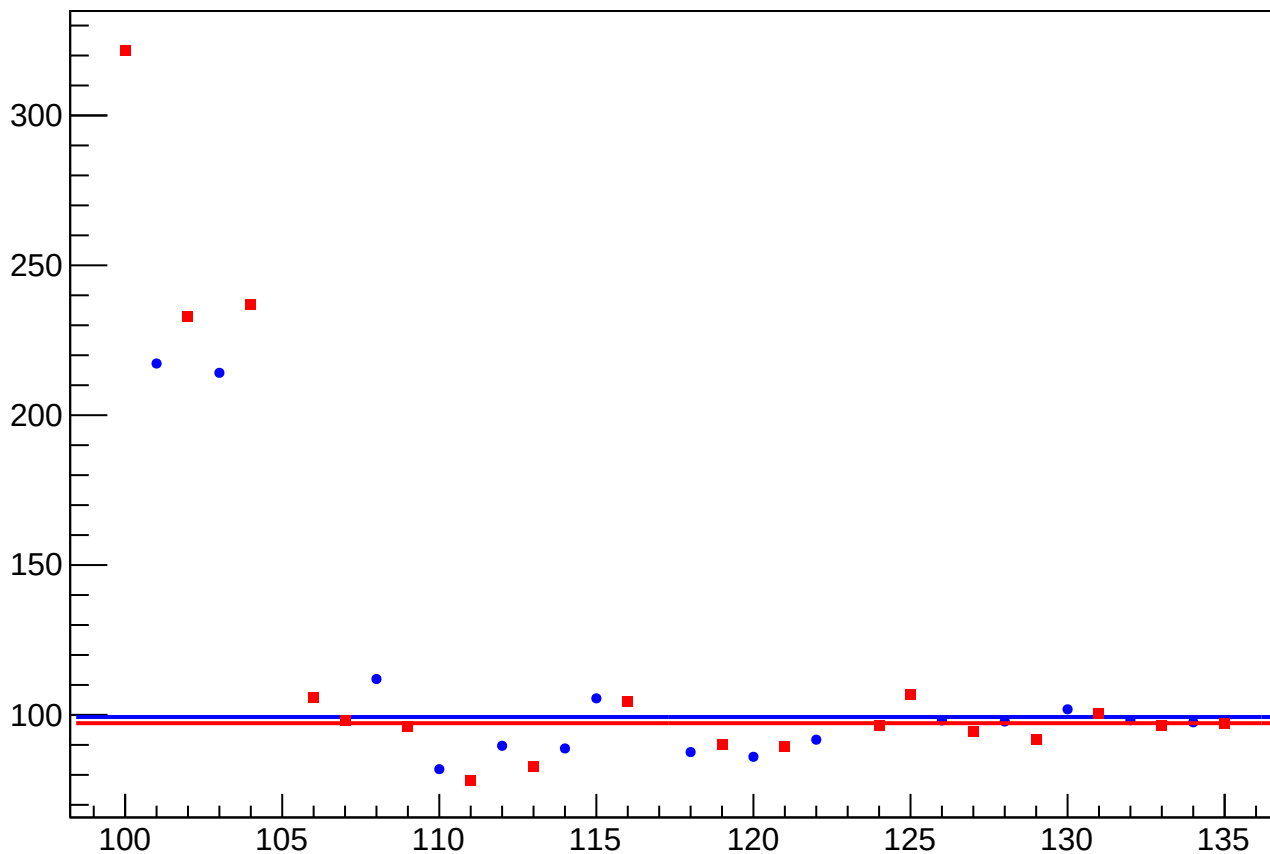
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 218.602 ± 28.495 χ^2/NDF : 30005.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bpm1i04WS_rms vs Slug



Right In: 99.294+/-0.030 χ^2/NDF : 807110.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 97.242+/-0.027 χ^2/NDF : 924295.8/17

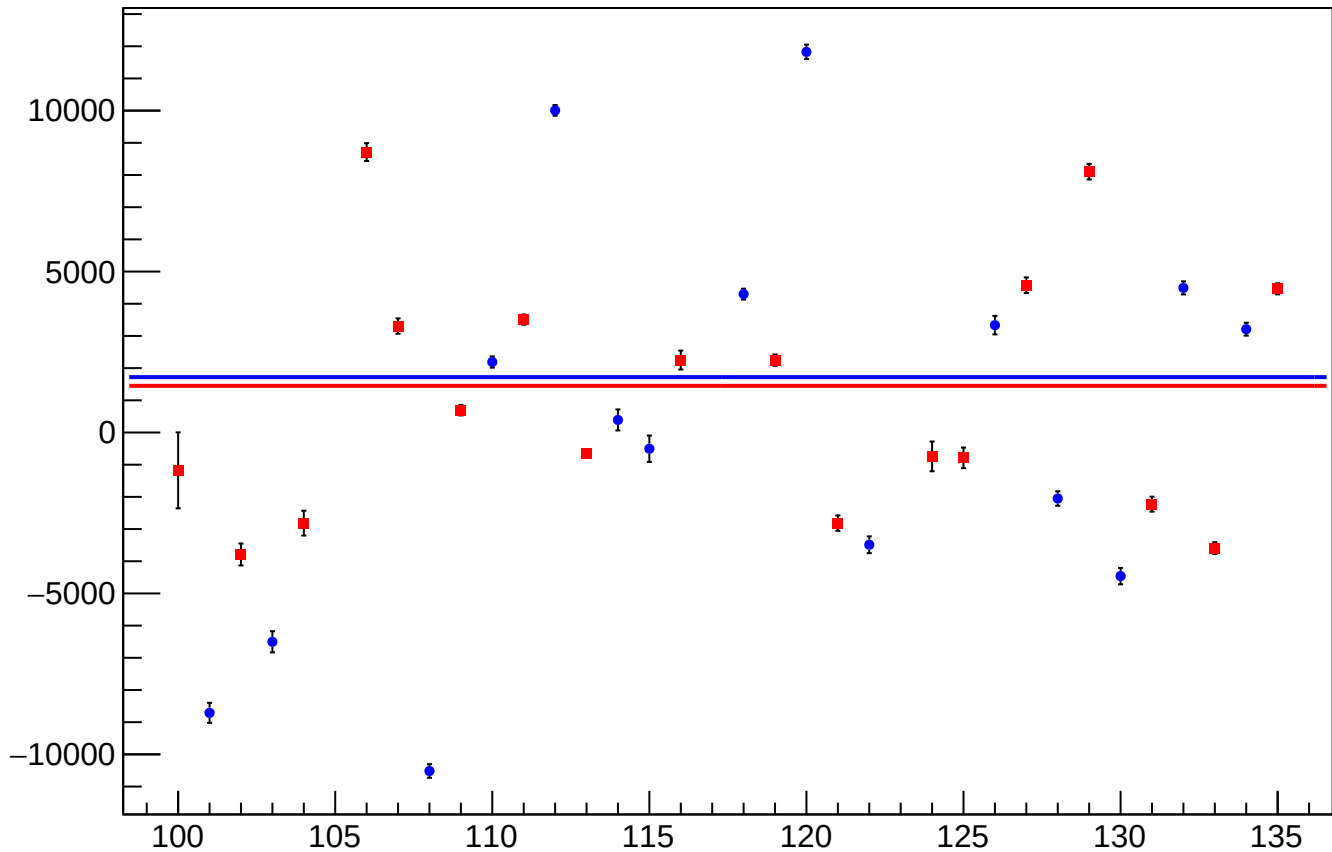
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 98.169+/-0.020 χ^2/NDF : 1733975.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_mean vs Slug



Right In: 1720.317+/-58.561 χ^2/NDF : 11407.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1450.180+/-52.936 χ^2/NDF : 4116.6/17

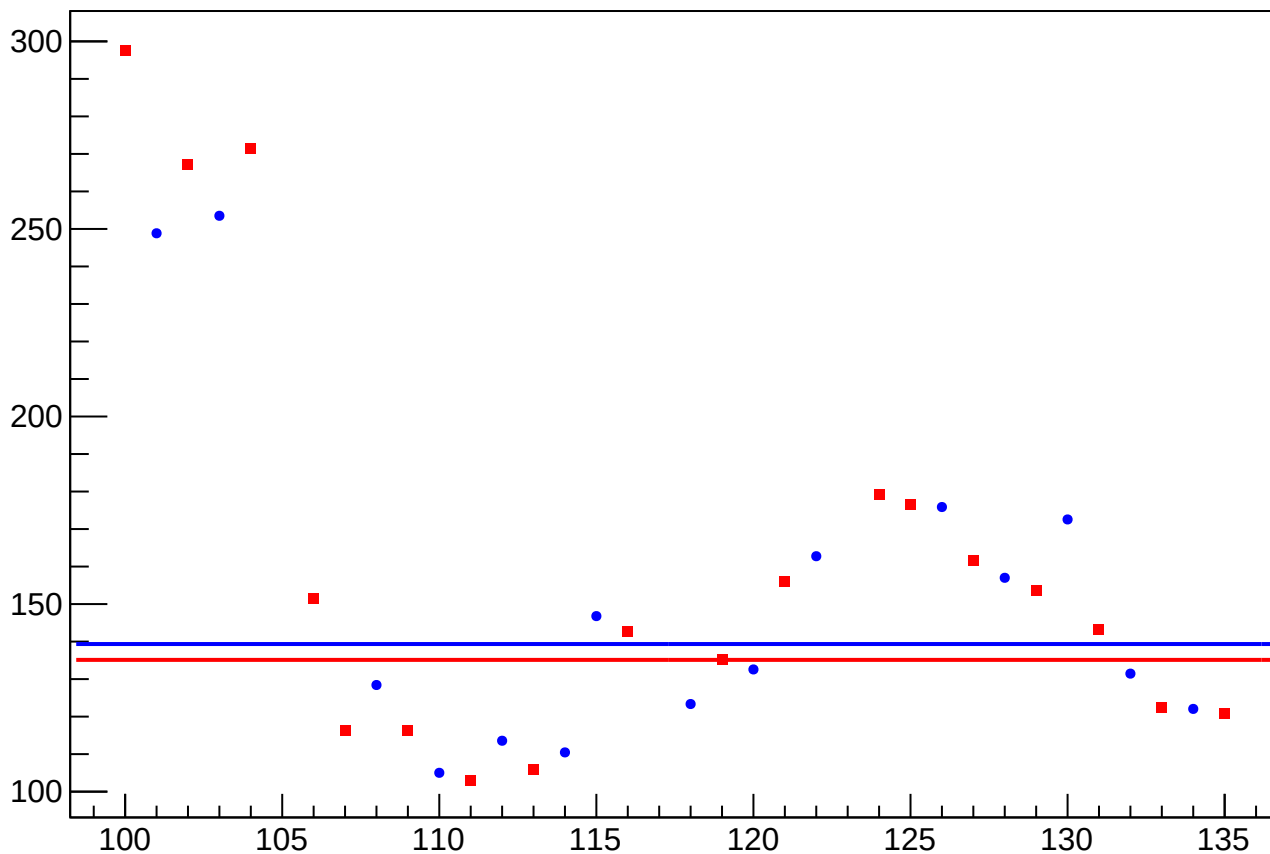
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1571.655+/-39.270 χ^2/NDF : 15535.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bpm1i06WS_rms vs Slug



Right In: 139.349+/-0.041 χ^2/NDF : 766047.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 135.123+/-0.037 χ^2/NDF : 914302.1/17

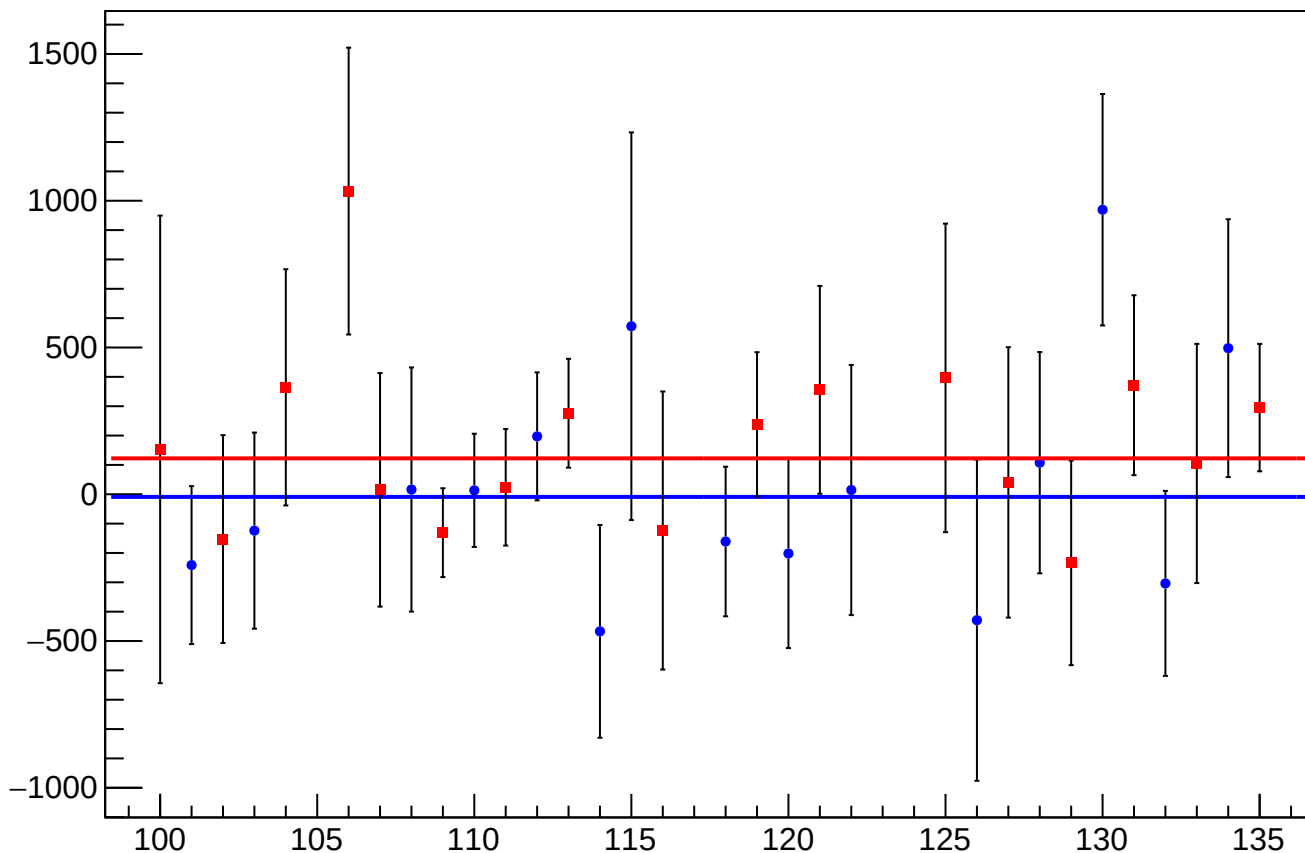
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 137.023+/-0.028 χ^2/NDF : 1686079.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_mean vs Slug



Right In: -9.012+/-81.927 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.307+/-69.379 χ^2/NDF : 11.8/16

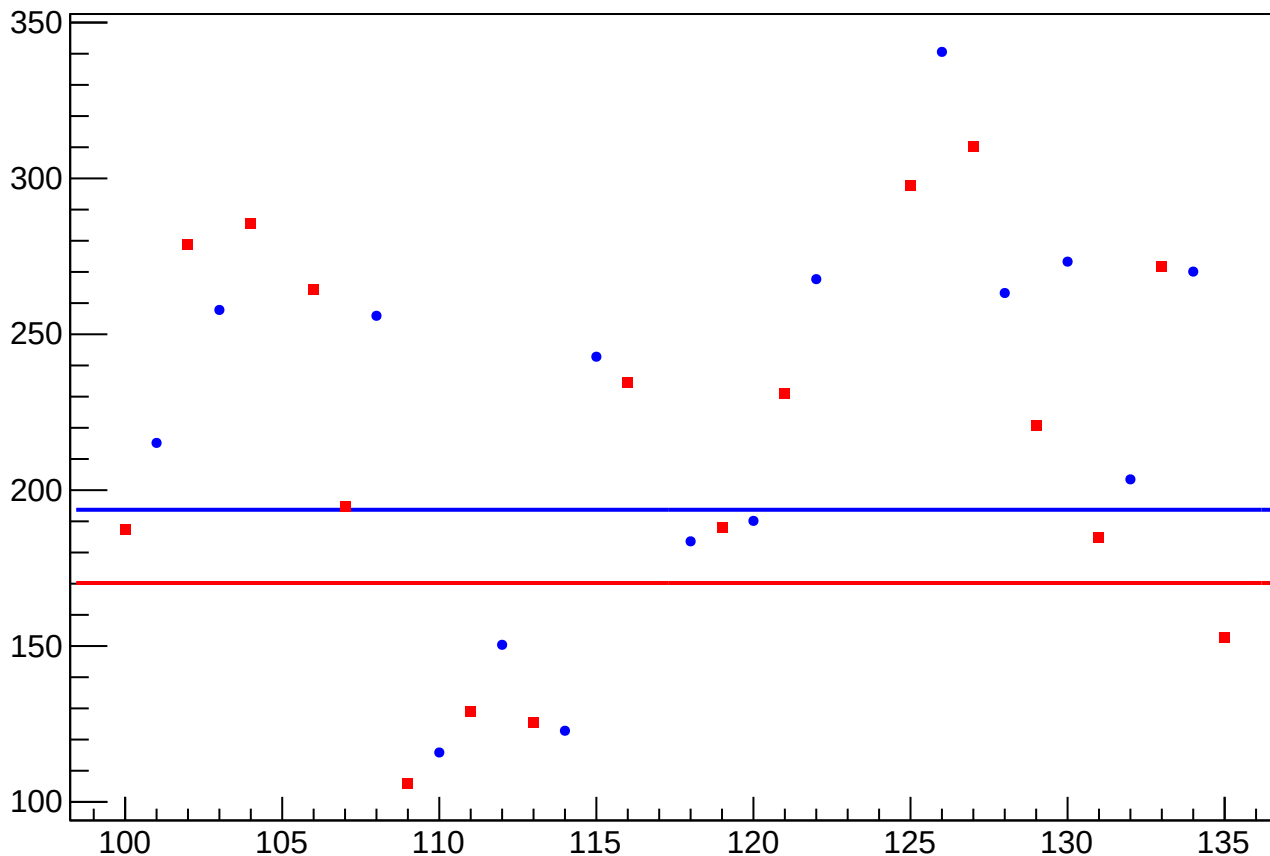
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 67.464+/-52.945 χ^2/NDF : 27.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_avg_rms vs Slug



Right In: 193.711+/-0.058 χ^2/NDF : 1043379.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 170.224+/-0.049 χ^2/NDF : 1591329.8/16

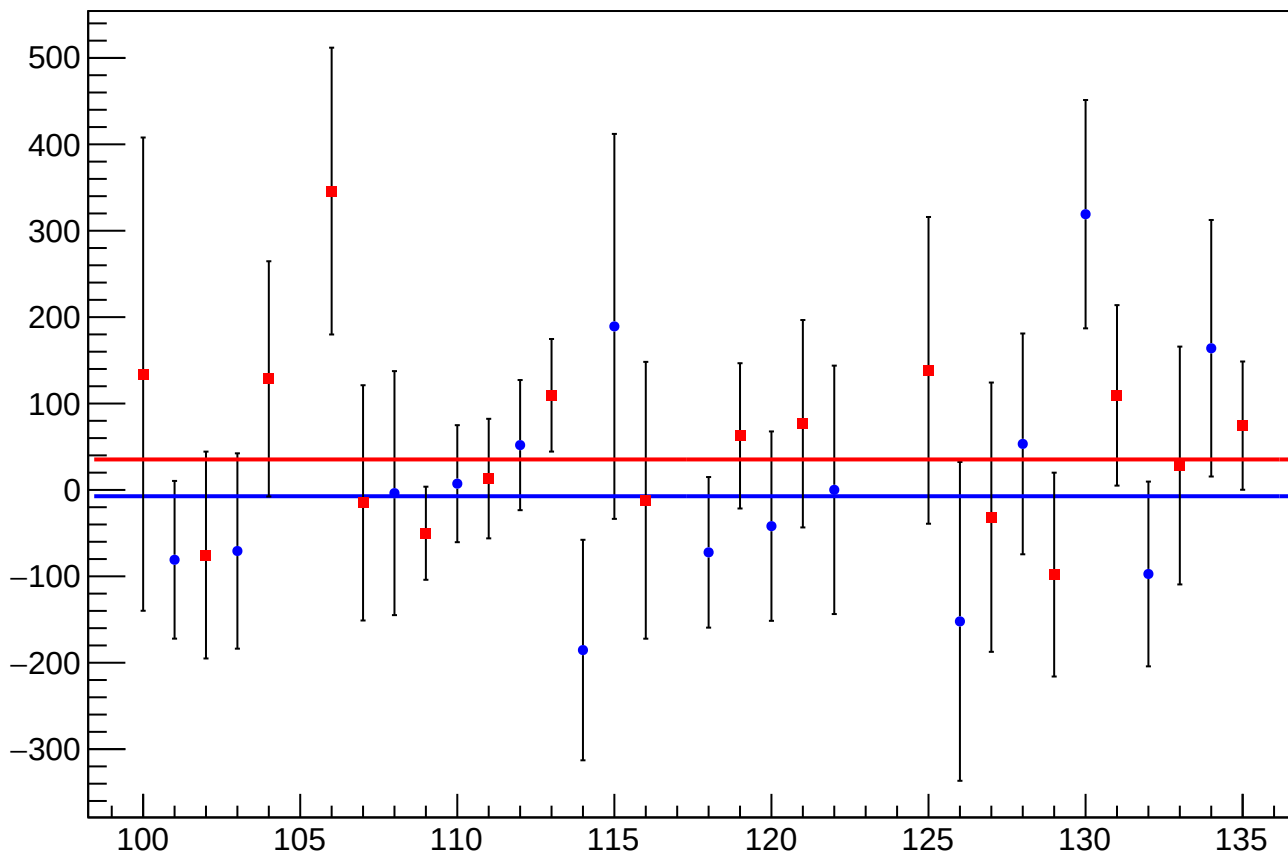
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.033+/-0.037 χ^2/NDF : 2730439.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_dd_mean vs Slug



Right In: -7.293+/-28.080 χ^2/NDF : 14.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.284+/-23.995 χ^2/NDF : 11.9/16

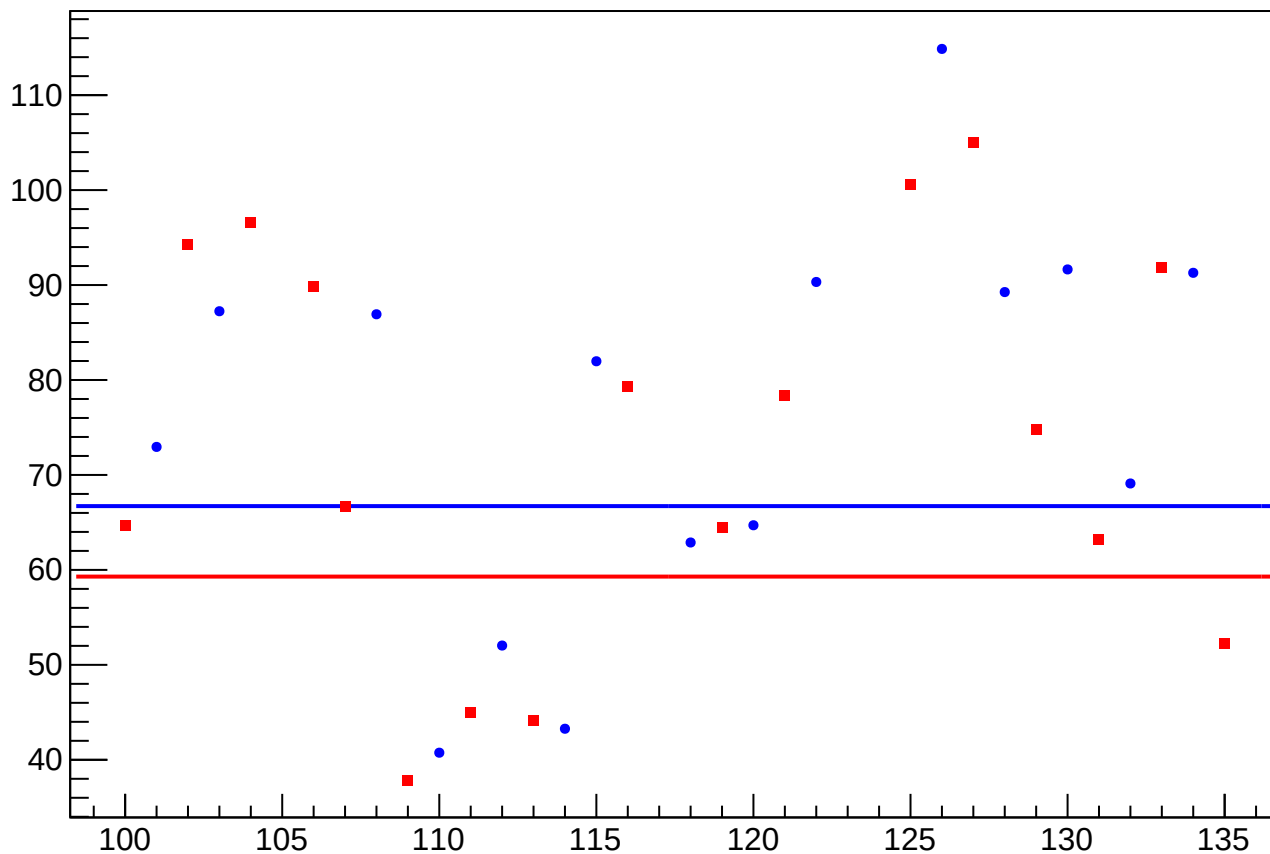
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.315+/-18.242 χ^2/NDF : 27.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_2an_us_an_ds_dd_rms vs Slug



Right In: 66.718 $\pm$ 0.020 χ^2 /NDF: 947039.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.295 $\pm$ 0.017 χ^2 /NDF: 1444023.3/16

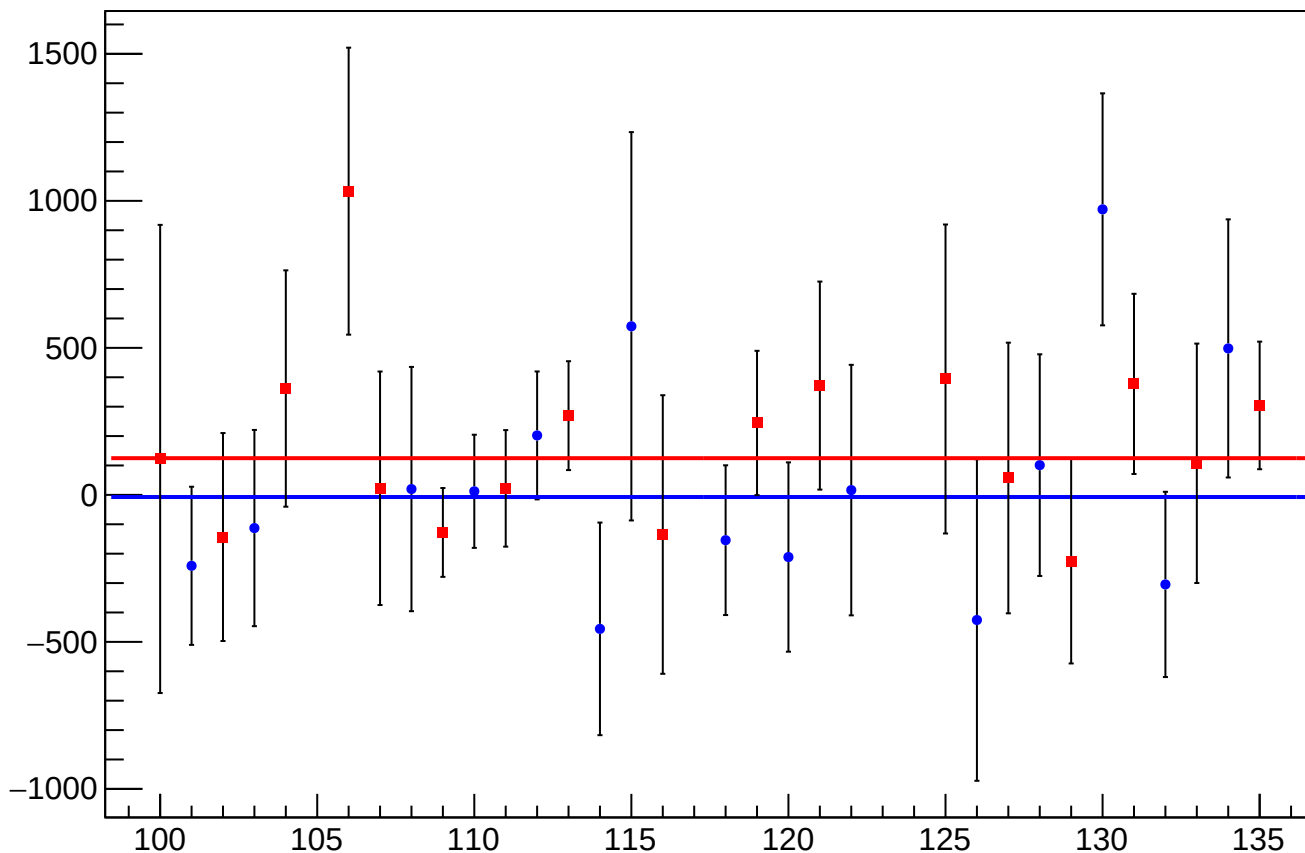
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.428 $\pm$ 0.013 χ^2 /NDF: 2471831.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds_avg_mean vs Slug



Right In: -7.299+/-81.834 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 124.800+/-69.286 χ^2/NDF : 11.8/16

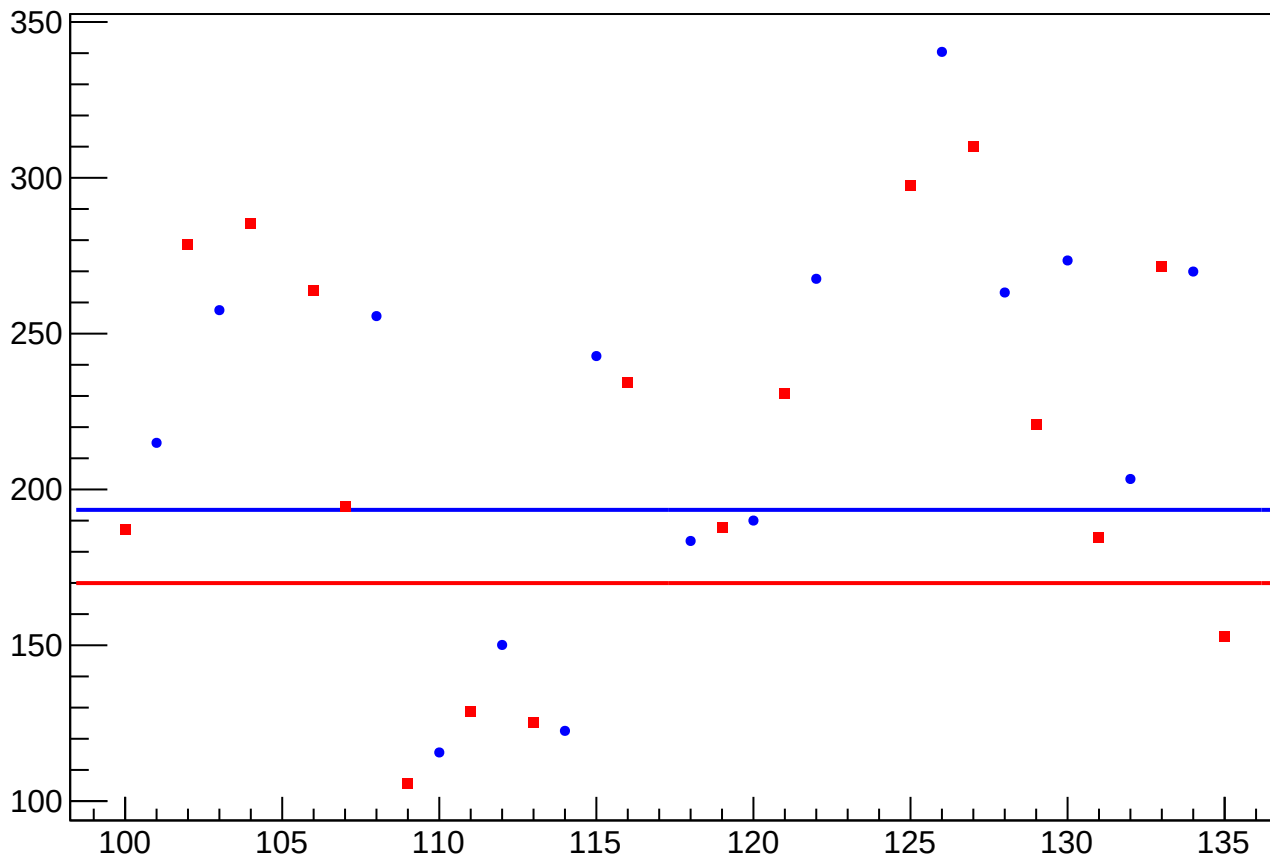
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.644+/-52.879 χ^2/NDF : 27.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_avg_rms vs Slug



Right In: 193.452+/-0.058 χ^2/NDF : 1047871.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.956+/-0.049 χ^2/NDF : 1596589.1/16

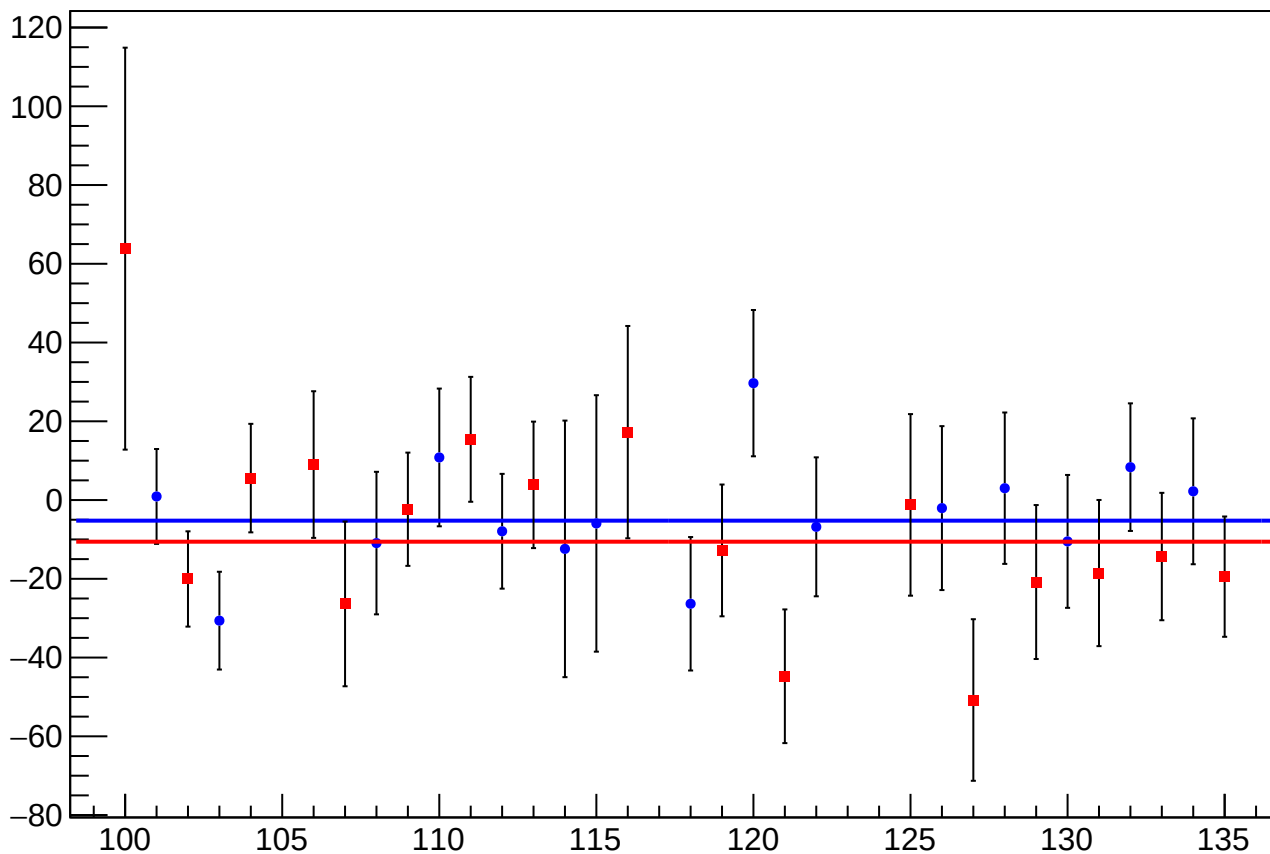
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.766+/-0.037 χ^2/NDF : 2740497.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_mean vs Slug



Right In: -5.234+/-4.422 χ^2/NDF : 11.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.575+/-4.202 χ^2/NDF : 19.6/16

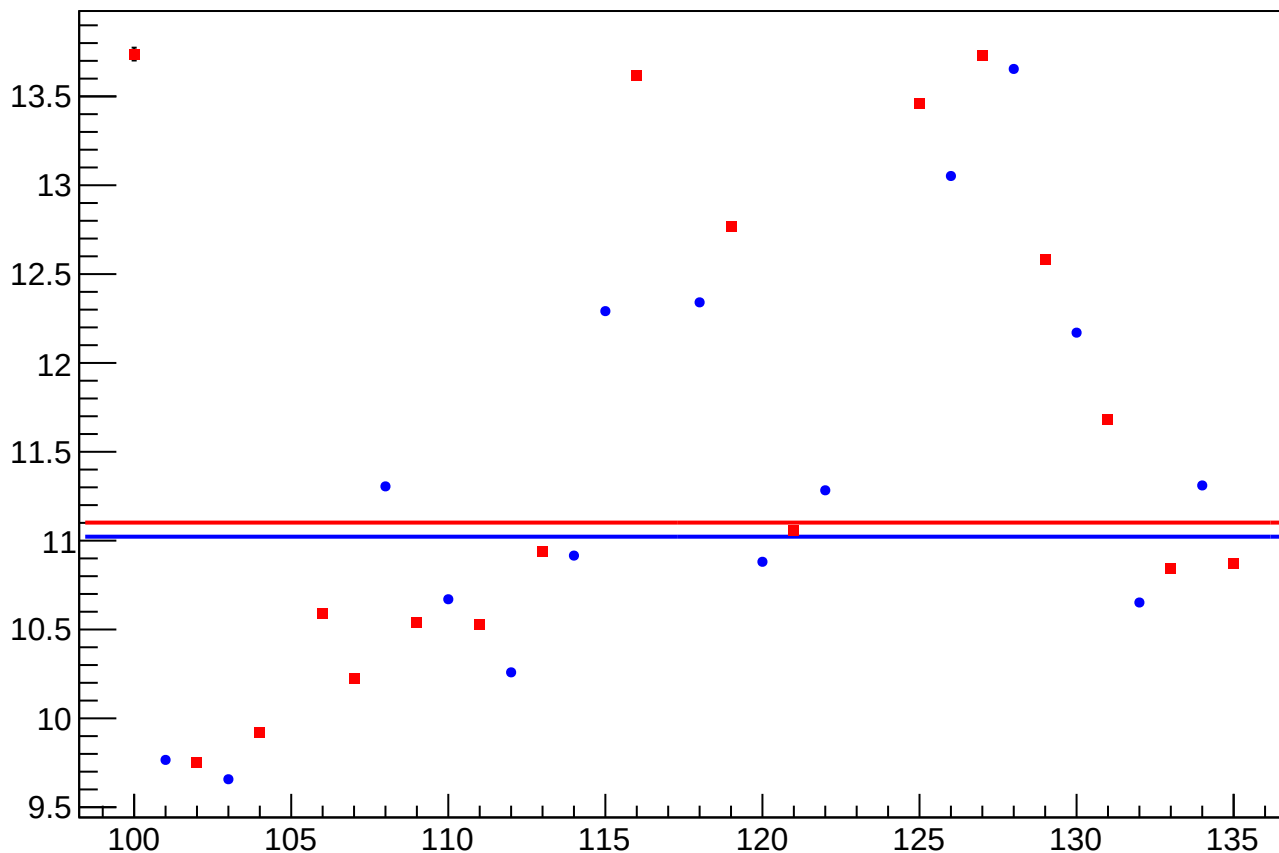
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.041+/-3.046 χ^2/NDF : 32.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds_dd_rms vs Slug



Right In: 11.022 $\pm$ 0.003 χ^2 /NDF: 135724.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.102 $\pm$ 0.003 χ^2 /NDF: 161225.6/16

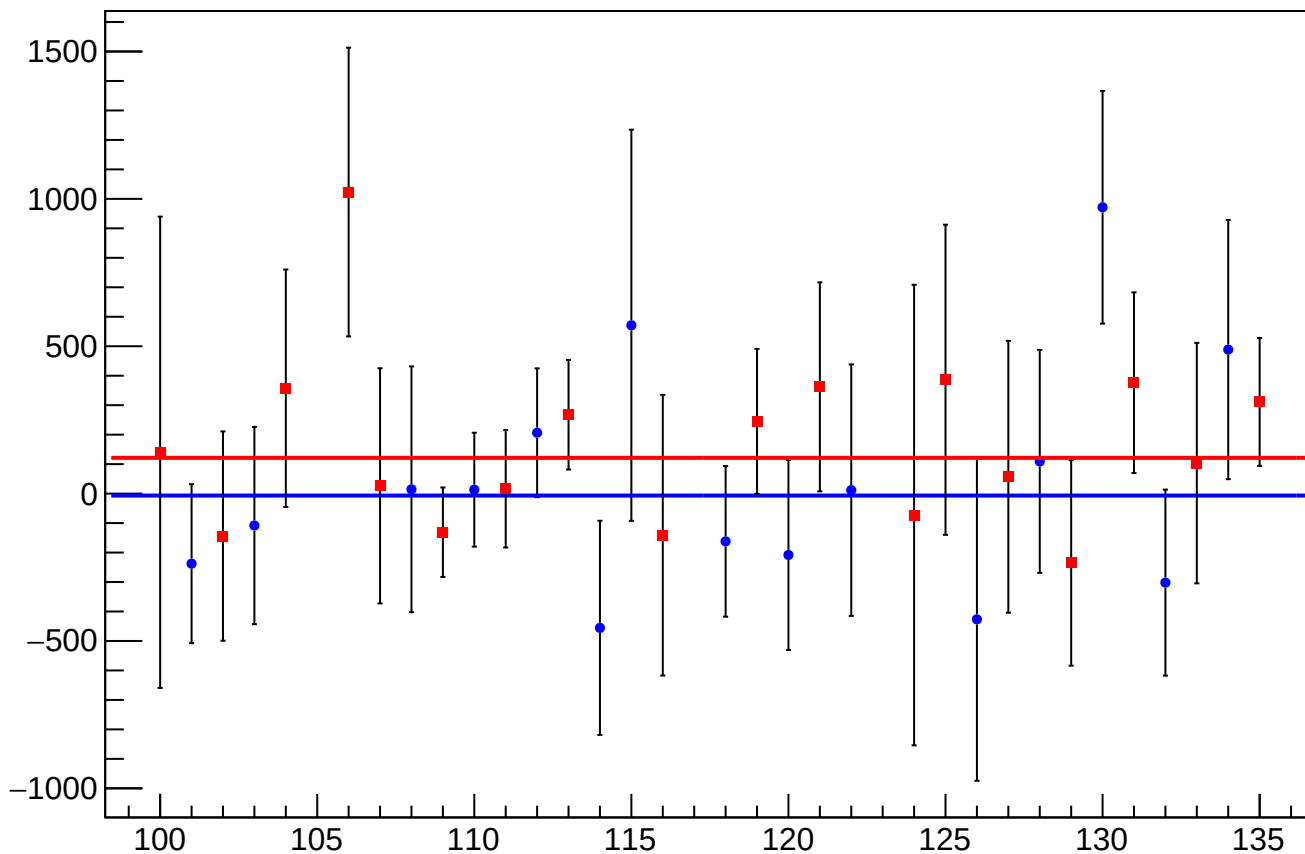
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 11.064 $\pm$ 0.002 χ^2 /NDF: 297288.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_mean vs Slug



Right In: -6.607 $\pm$ 82.093 χ^2 /NDF: 13.8/14

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

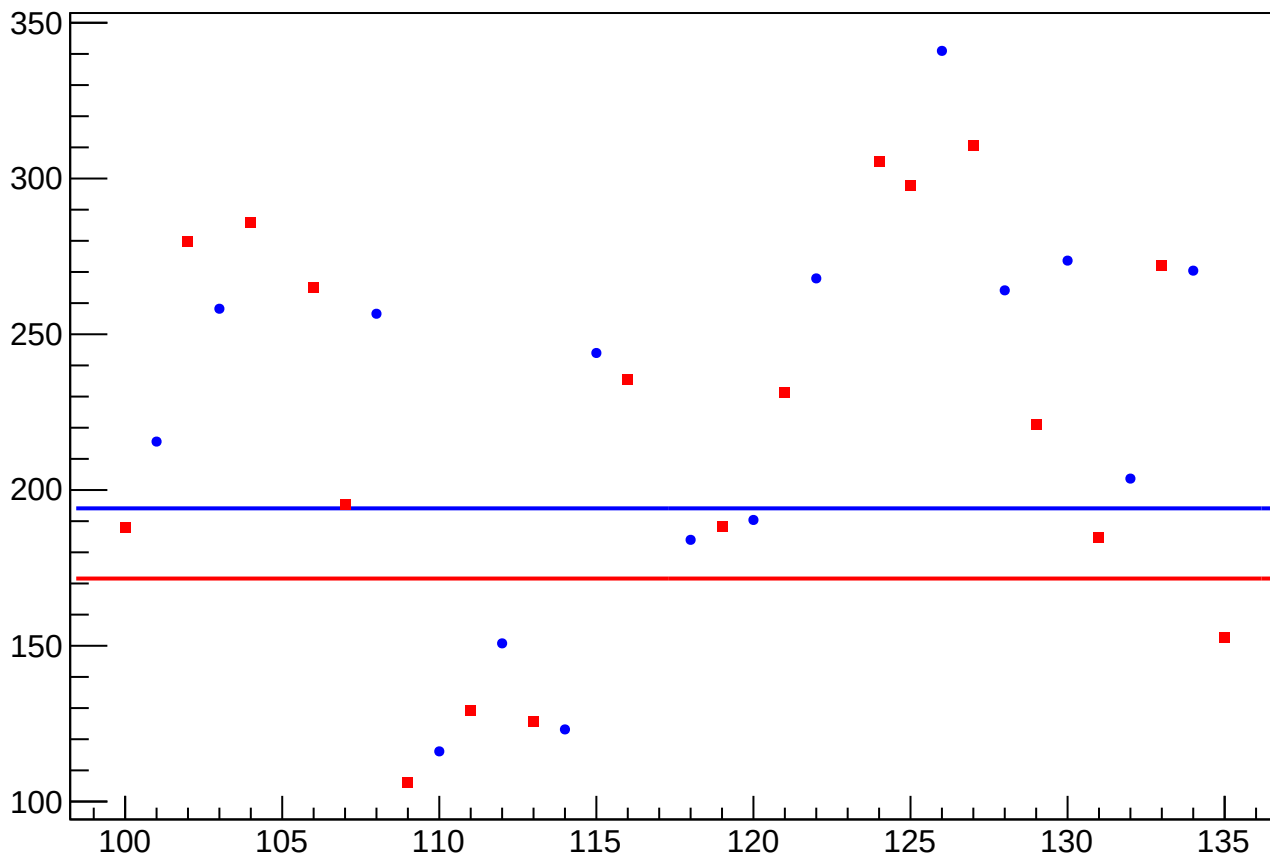
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.174 $\pm$ 52.922 χ^2 /NDF: 27.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_an_us_an_ds3_avg_rms vs Slug



Right In: 194.115+/-0.058 χ^2/NDF : 1041862.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.585+/-0.049 χ^2/NDF : 1649333.5/17

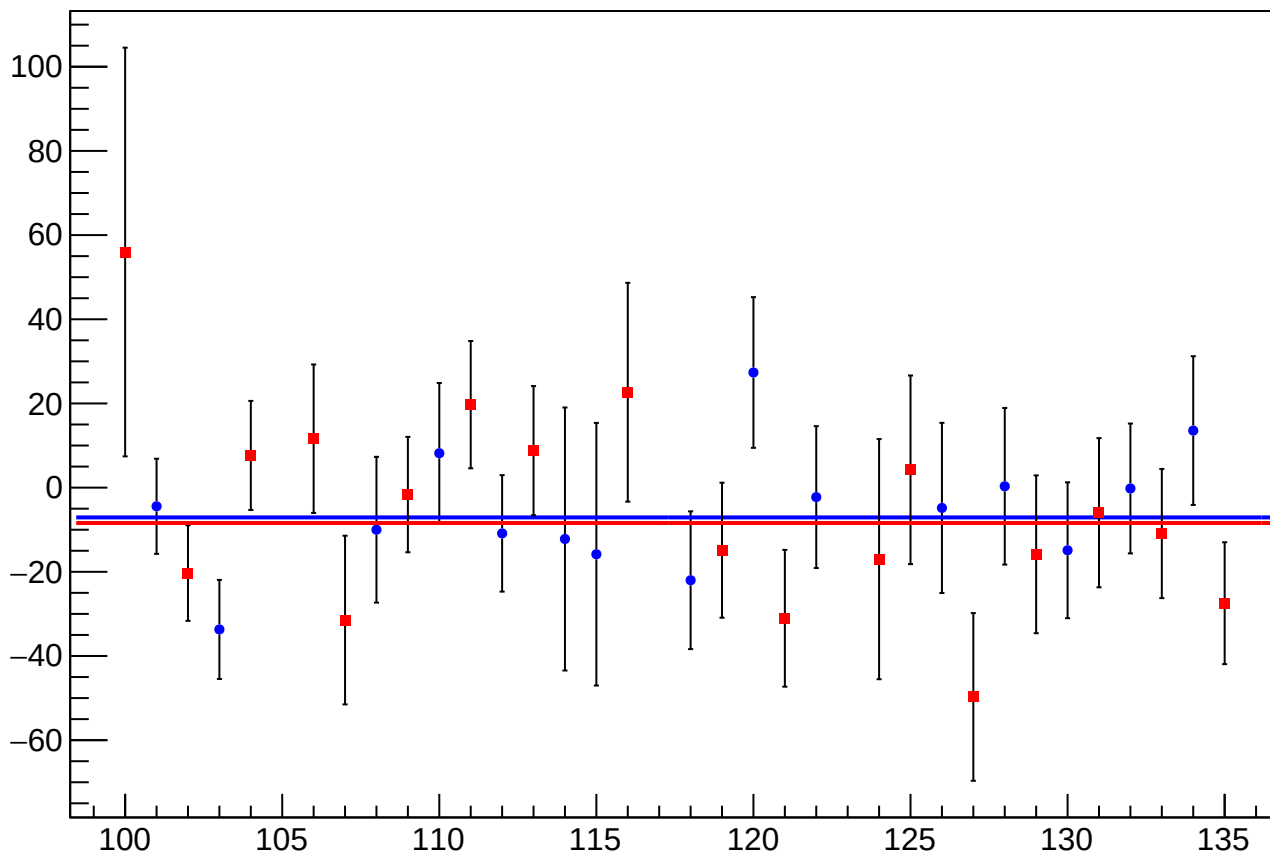
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 180.948+/-0.037 χ^2/NDF : 2779232.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_mean vs Slug



Right In: -7.074 ± 4.218 χ^2/NDF : 12.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.402 ± 3.961 χ^2/NDF : 22.1/17

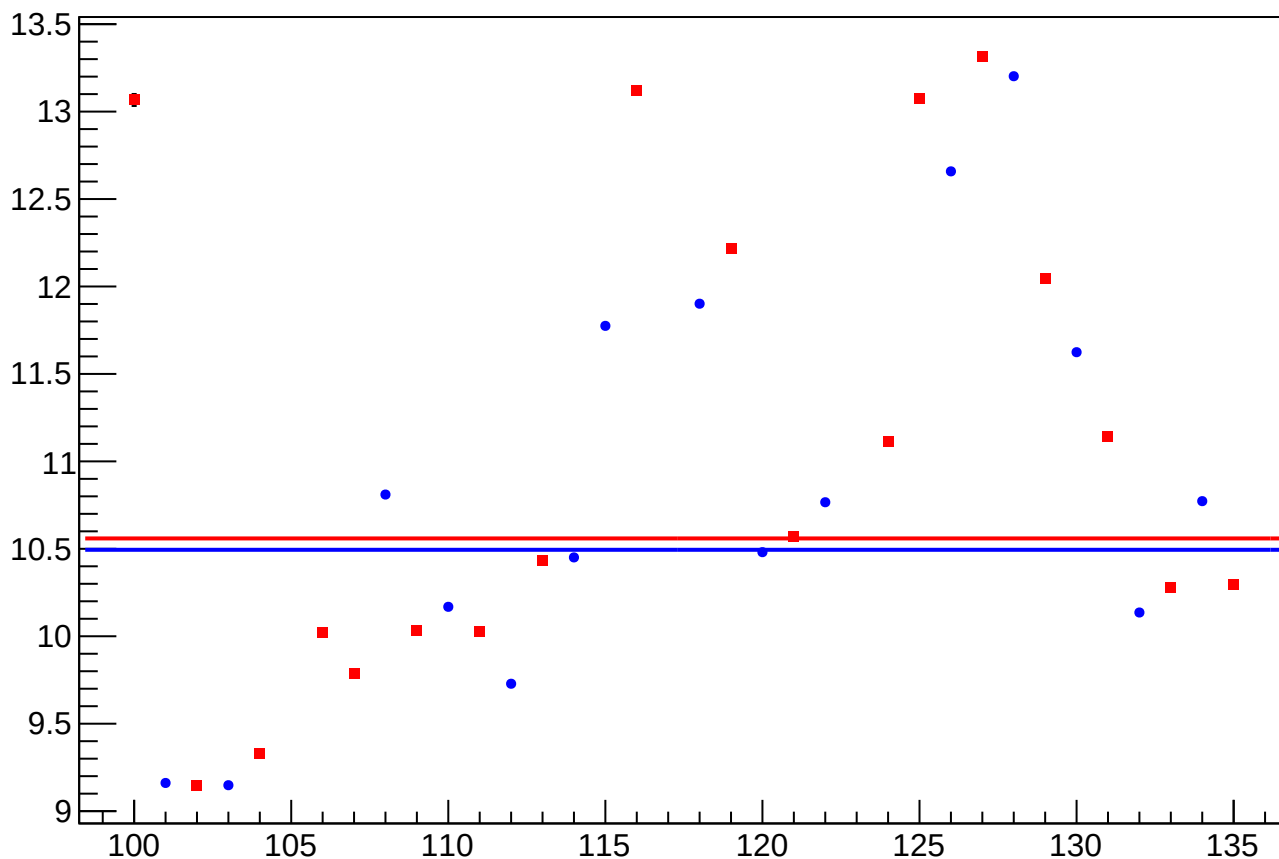
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.779 ± 2.887 χ^2/NDF : 35.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_an_us_an_ds3_dd_rms vs Slug



Right In: 10.494+/-0.003 χ^2/NDF : 156868.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.559+/-0.003 χ^2/NDF : 185833.0/17

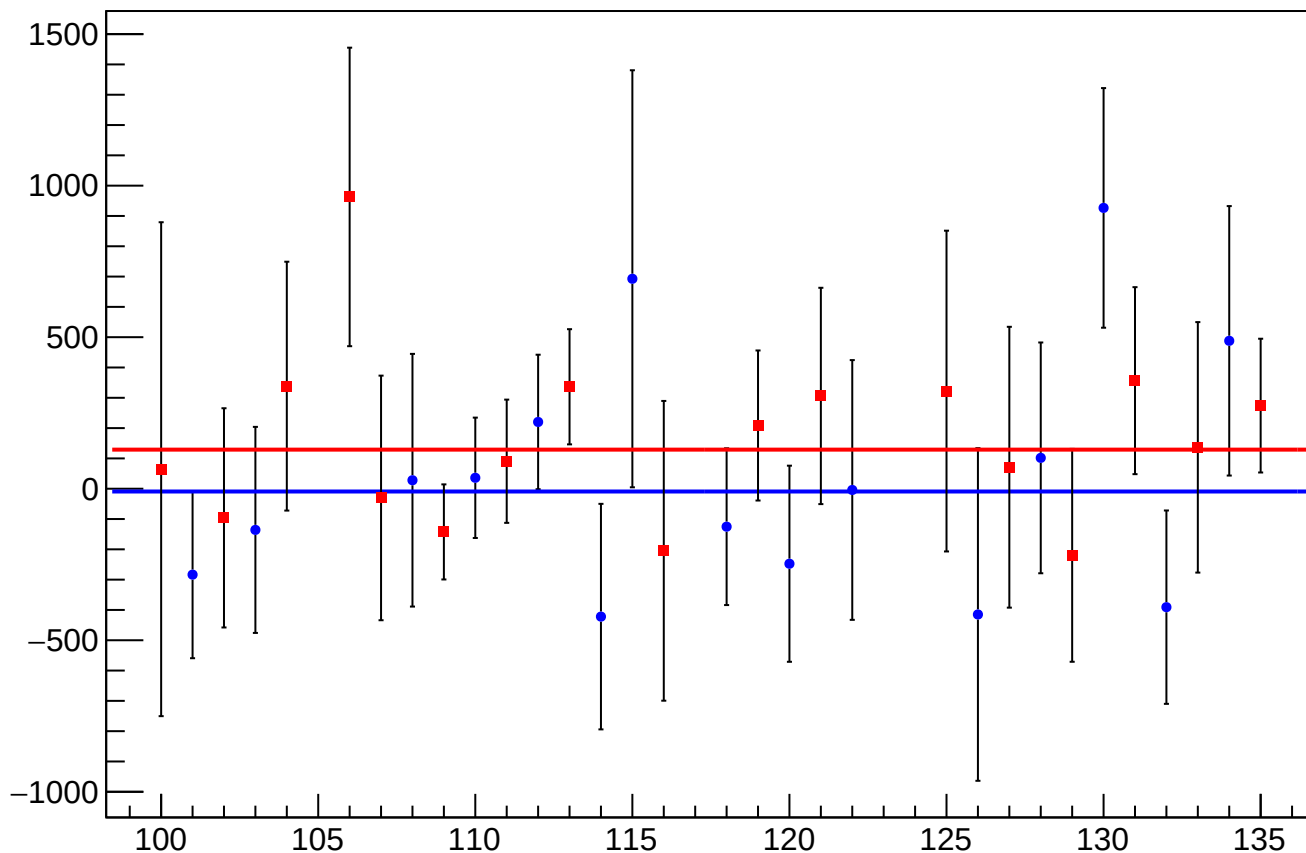
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.529+/-0.002 χ^2/NDF : 342953.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_mean vs Slug



Right In: -9.171+/-83.330 χ^2/NDF : 14.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.977+/-70.825 χ^2/NDF : 10.8/16

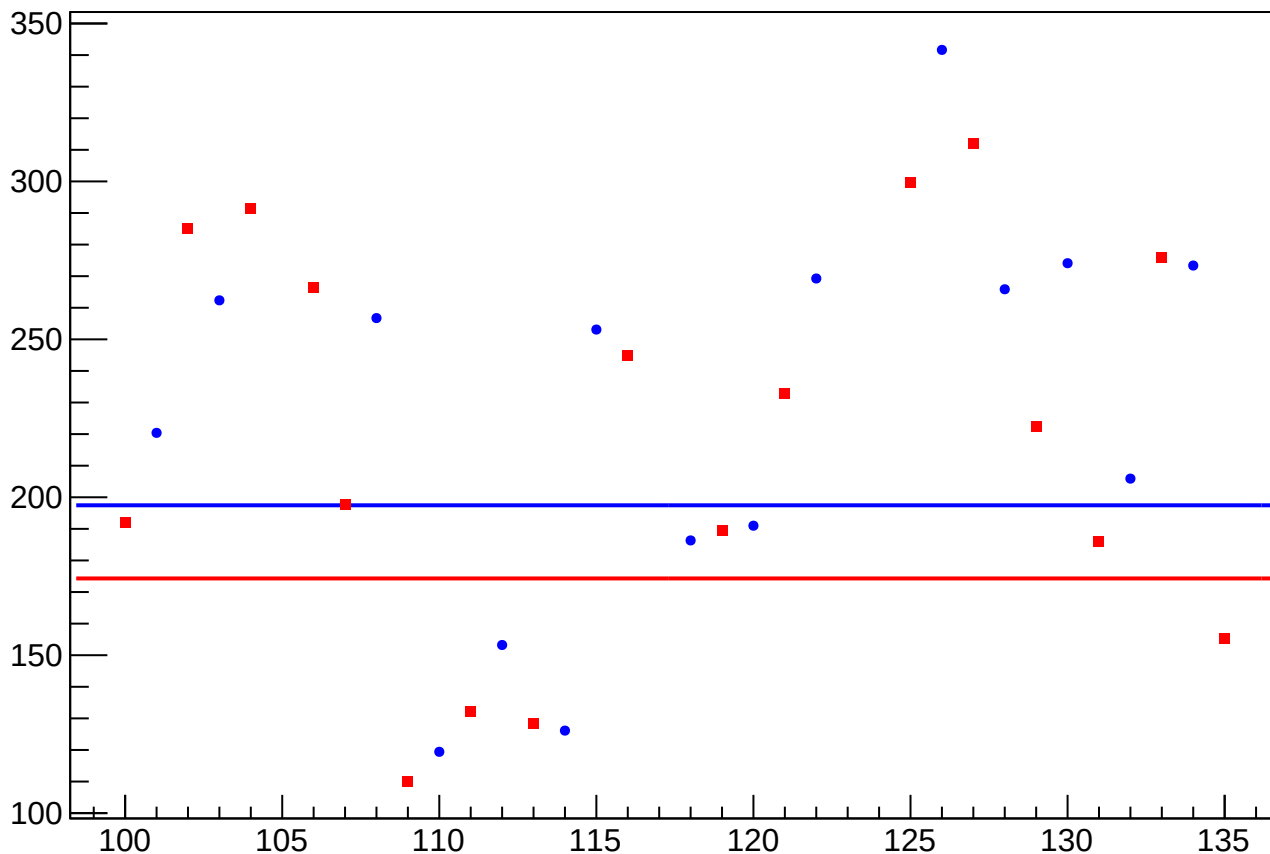
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.035+/-53.966 χ^2/NDF : 26.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_avg_rms vs Slug



Right In: 197.462 $\pm$ 0.059 χ^2 /NDF: 1000194.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 174.301 $\pm$ 0.050 χ^2 /NDF: 1532707.2/16

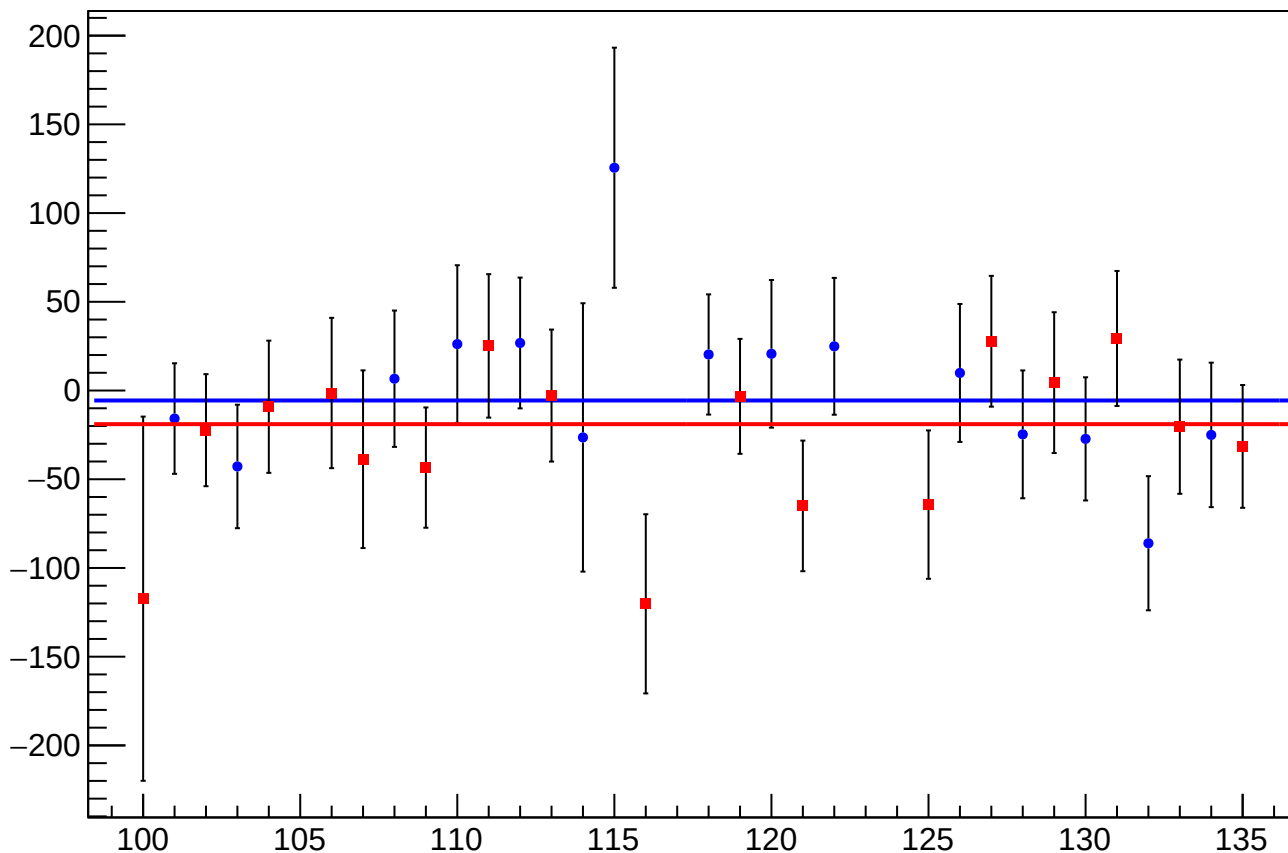
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 184.015 $\pm$ 0.038 χ^2 /NDF: 2622600.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_dg_ds_dd_mean vs Slug



Right In: -5.614 ± 10.071 χ^2/NDF : 13.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -18.956 ± 9.435 χ^2/NDF : 13.9/16

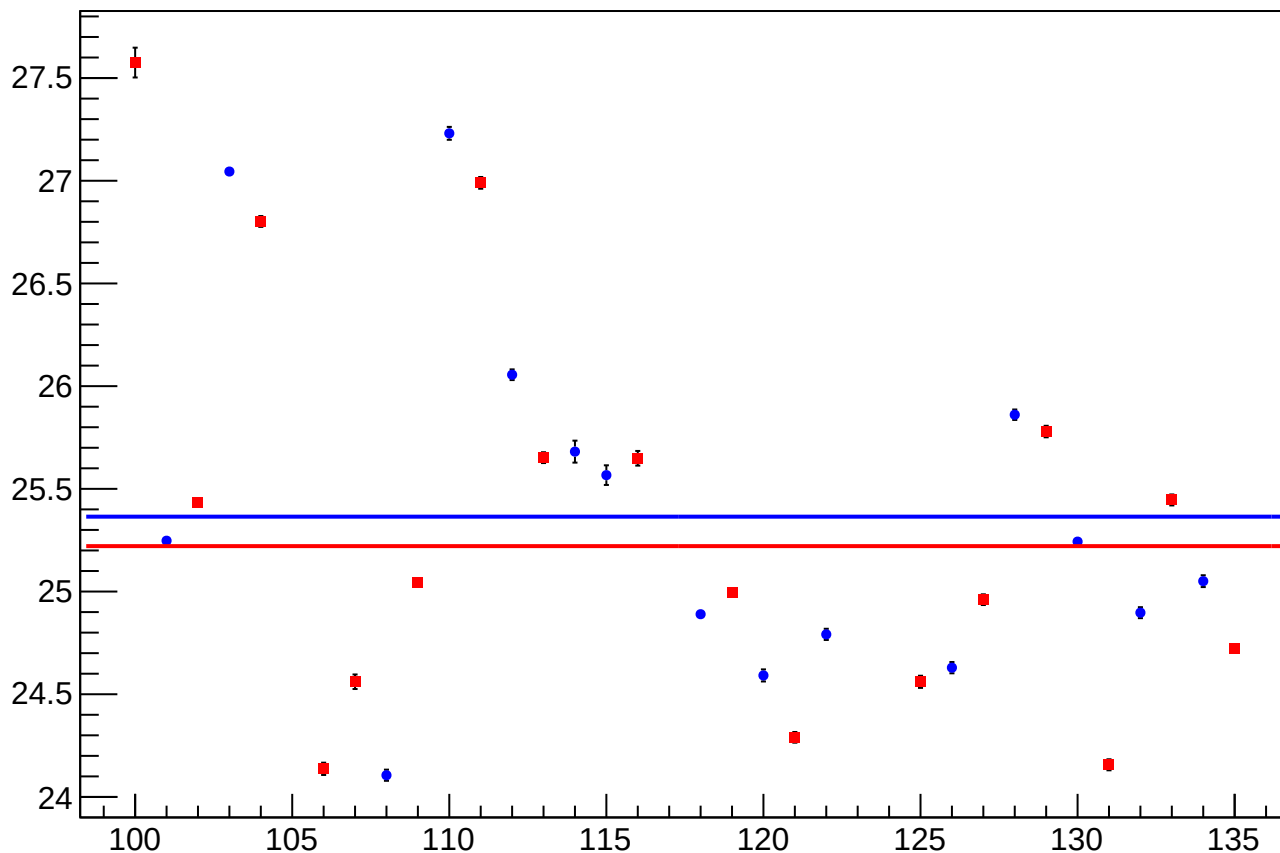
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.720 ± 6.885 χ^2/NDF : 28.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_dg_ds_dd_rms vs Slug



Right In: 25.365 $\pm$ 0.007 χ^2 /NDF: 14194.8/14

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

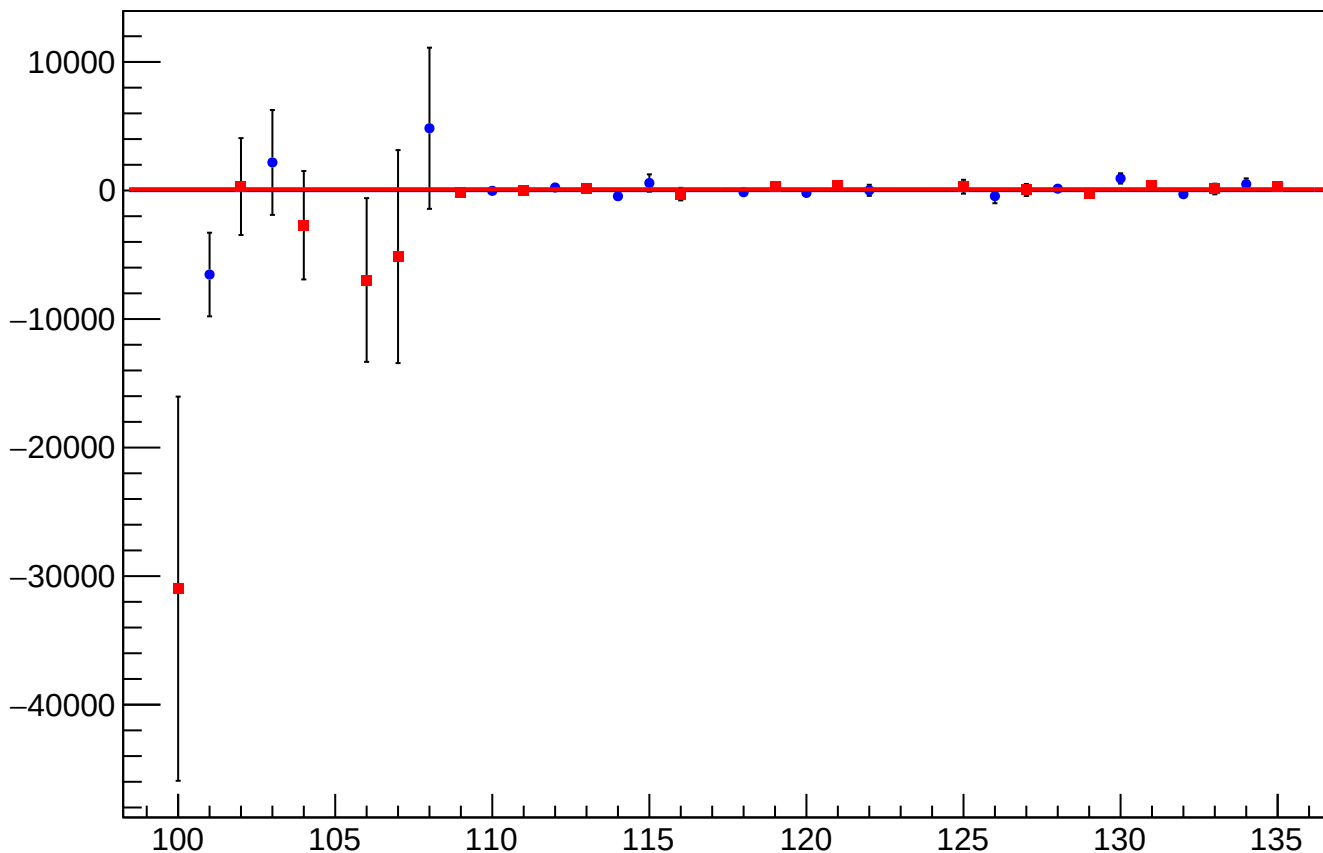
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.288 $\pm$ 0.005 χ^2 /NDF: 29538.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_an_ds_avg_mean vs Slug



Right In: 25.777+/-91.977 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 102.388+/-79.633 χ^2/NDF : 13.0/16

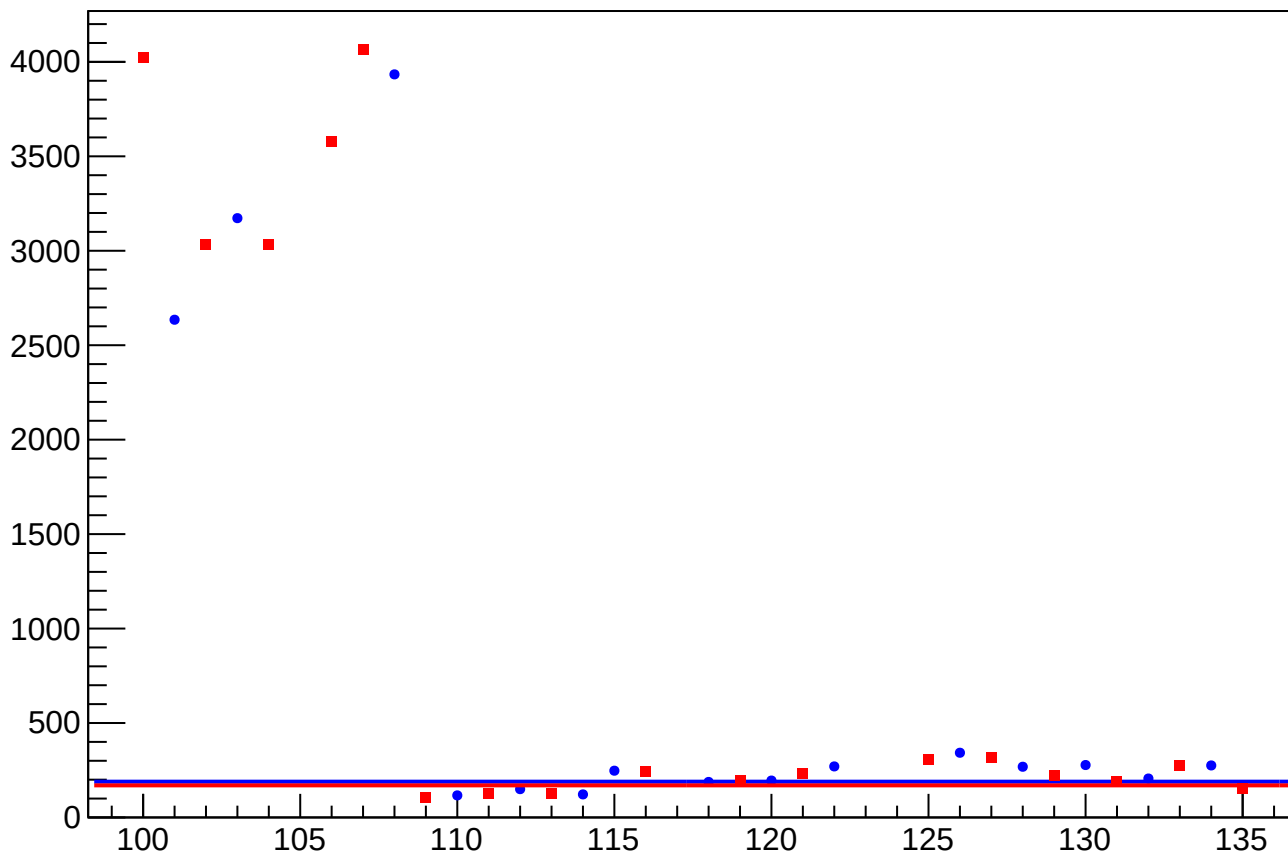
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.565+/-60.204 χ^2/NDF : 30.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_avg_rms vs Slug



Right In: 189.458+/-0.065 χ^2/NDF : 3830038.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.834+/-0.056 χ^2/NDF : 4250839.3/16

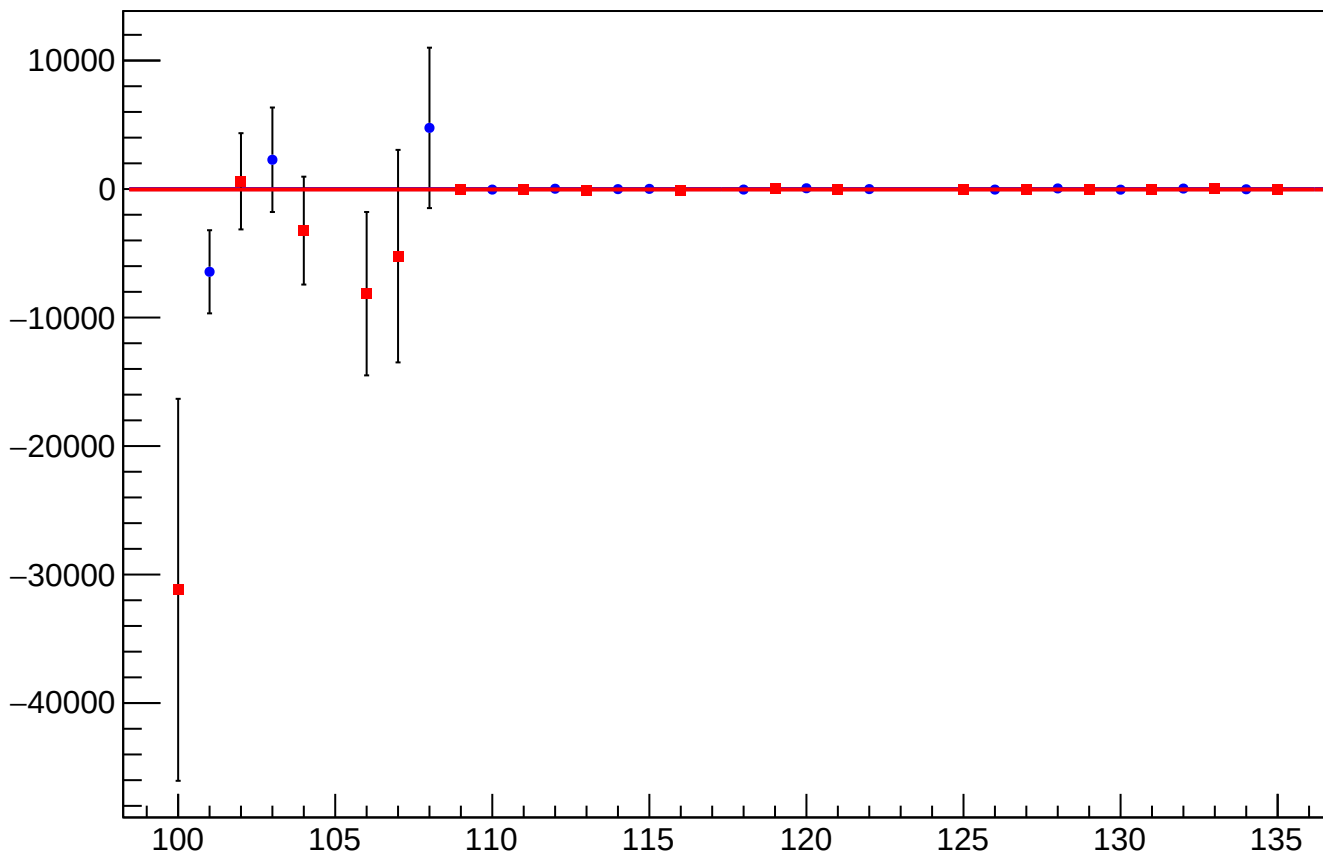
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 178.242+/-0.043 χ^2/NDF : 8132917.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_mean vs Slug



Right In: -4.686+/-12.838 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.141+/-12.334 χ^2/NDF : 18.0/16

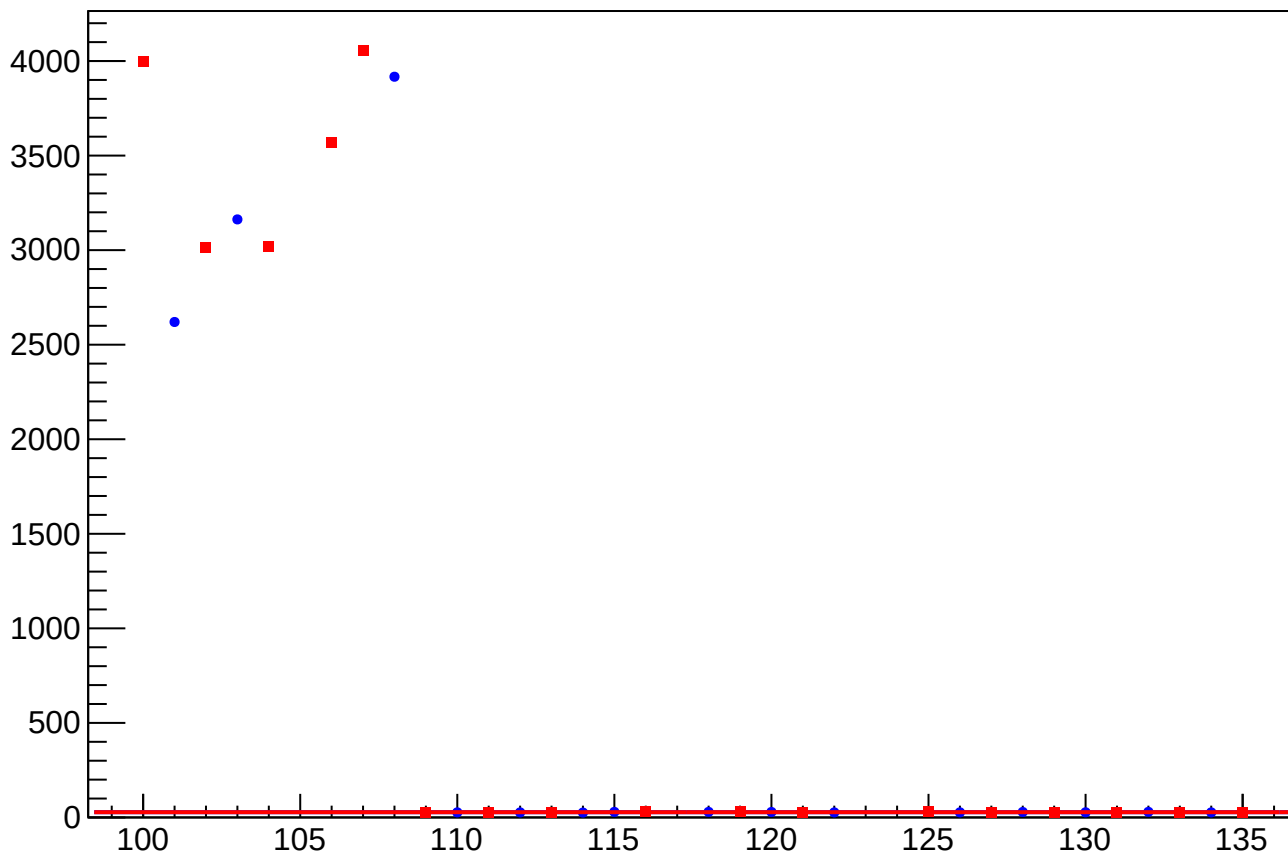
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.003+/-8.894 χ^2/NDF : 34.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_an_ds_dd_rms vs Slug



Right In: 27.854+/-0.009 χ^2/NDF : 3265832.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.805+/-0.009 χ^2/NDF : 3558156.7/16

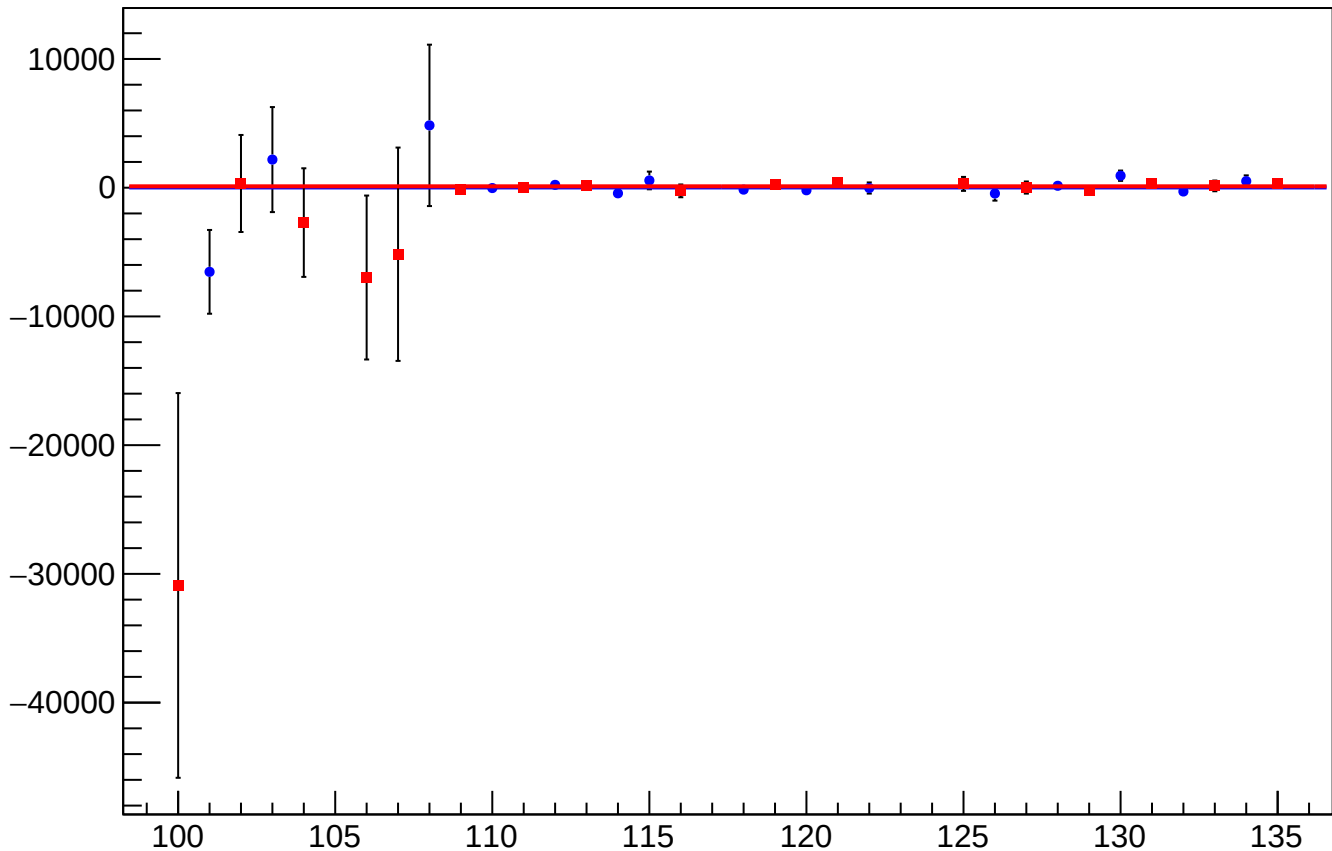
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.828+/-0.006 χ^2/NDF : 6824004.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_mean vs Slug



Right In: 19.636+/-92.662 χ^2/NDF : 17.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.197+/-80.246 χ^2/NDF : 12.3/16

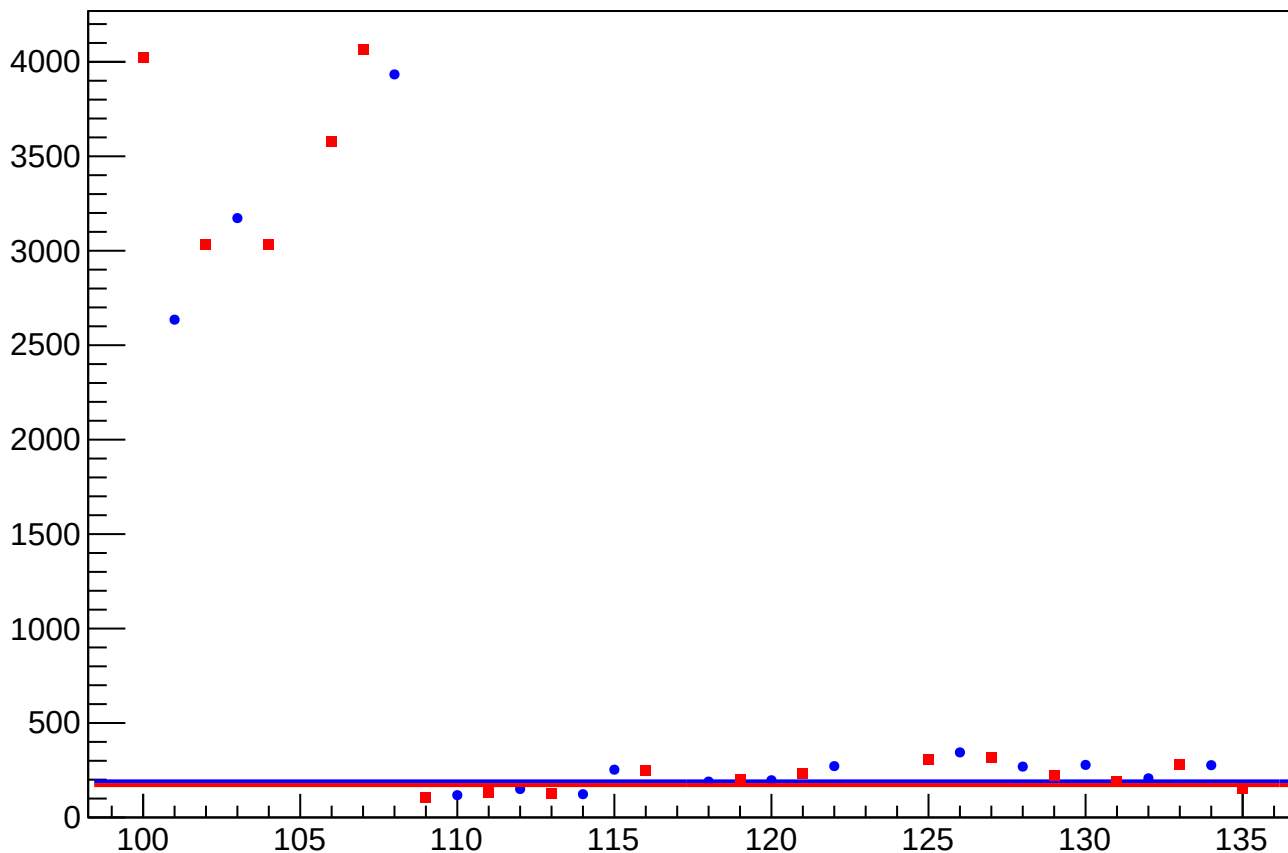
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.672+/-60.661 χ^2/NDF : 29.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_avg_rms vs Slug



Right In: 191.000+/-0.066 χ^2/NDF : 3819183.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 171.248+/-0.057 χ^2/NDF : 4244009.2/16

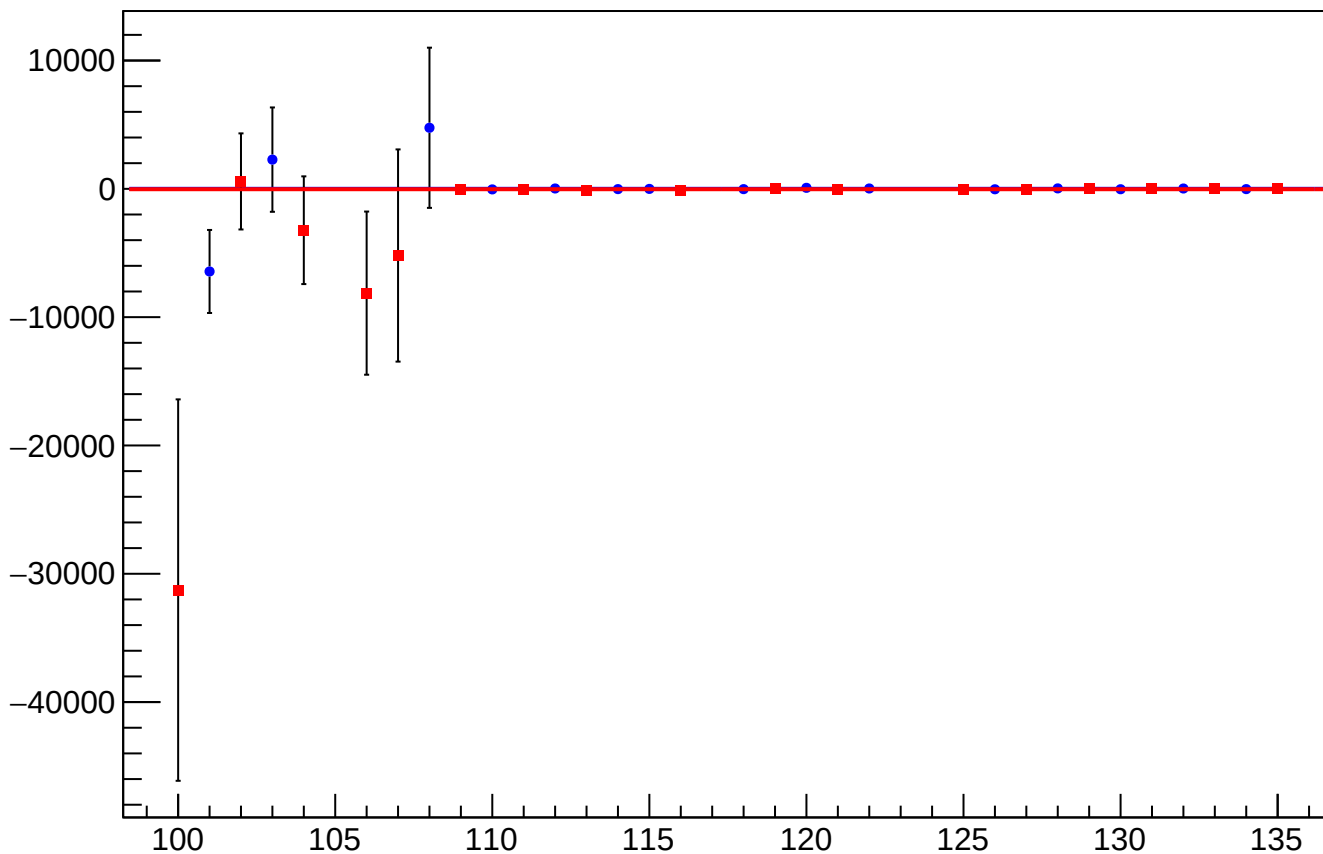
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.713+/-0.043 χ^2/NDF : 8115119.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_mean vs Slug



Right In: 1.753 $\pm$ 14.267 χ^2 /NDF: 11.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -28.901 $\pm$ 13.661 χ^2 /NDF: 21.9/16

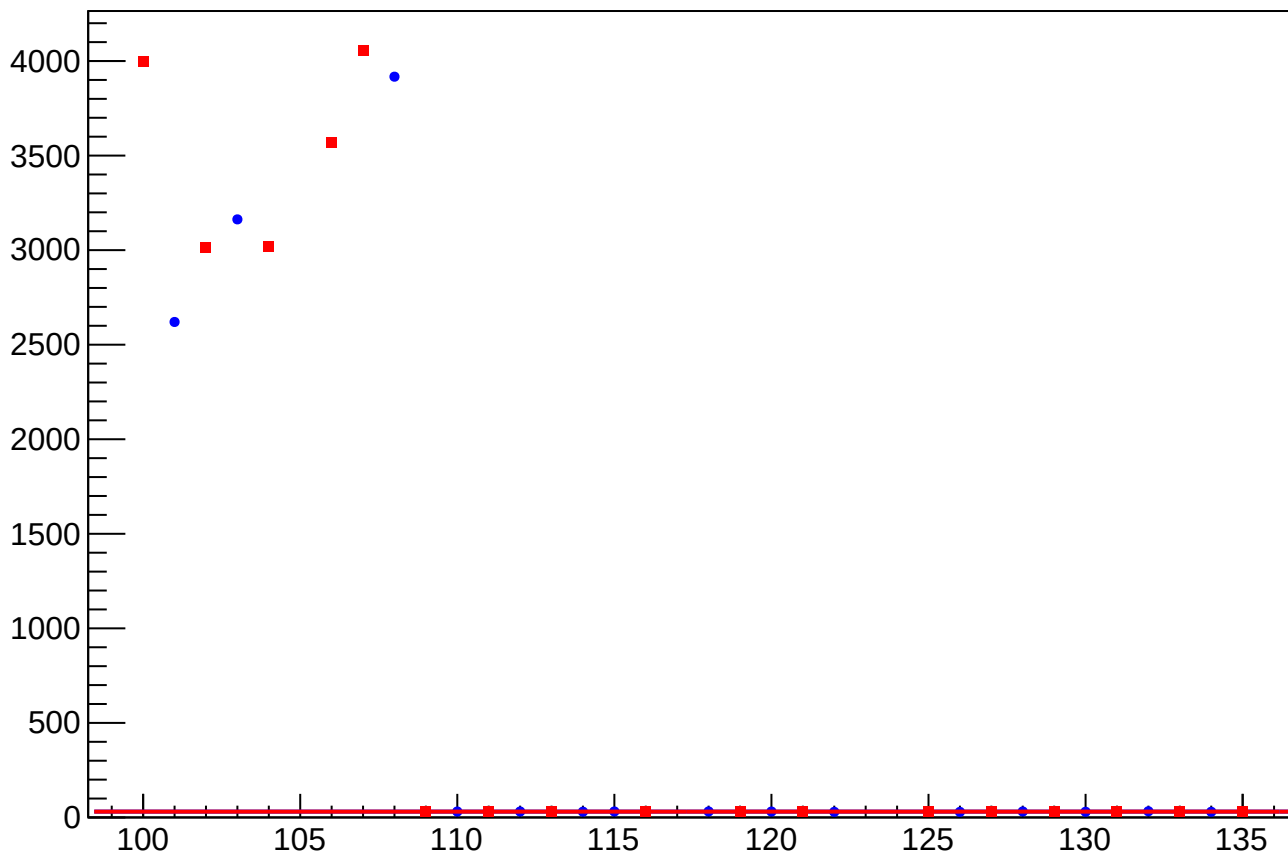
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -14.239 $\pm$ 9.867 χ^2 /NDF: 35.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_cav4cQ_dg_ds_dd_rms vs Slug



Right In: 30.989+/-0.010 χ^2/NDF : 3252381.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.841+/-0.010 χ^2/NDF : 3535597.5/16

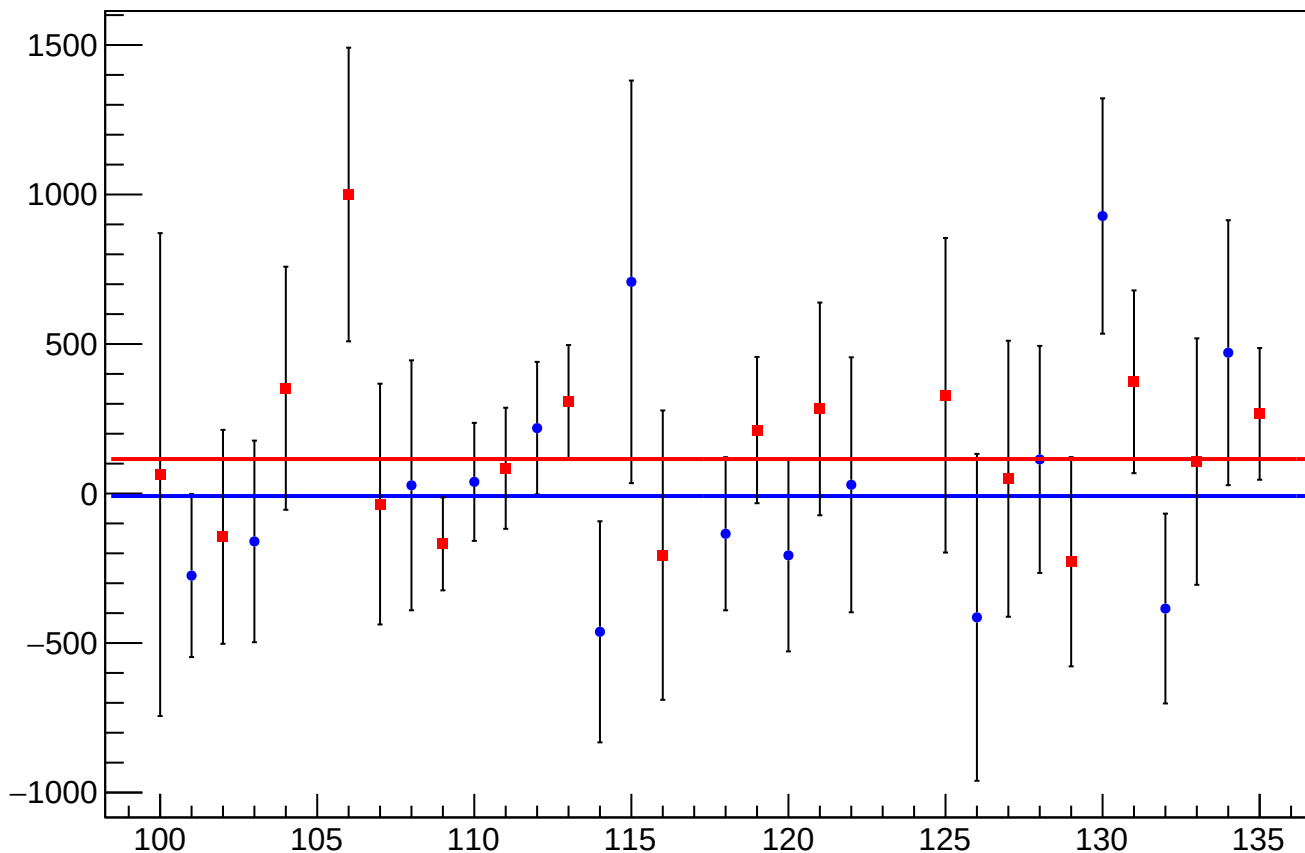
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.912+/-0.007 χ^2/NDF : 6788091.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_avg_mean vs Slug



Right In: -8.420 ± 82.826 $\chi^2/\text{NDF}: 14.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 115.324 ± 70.362 $\chi^2/\text{NDF}: 11.8/16$

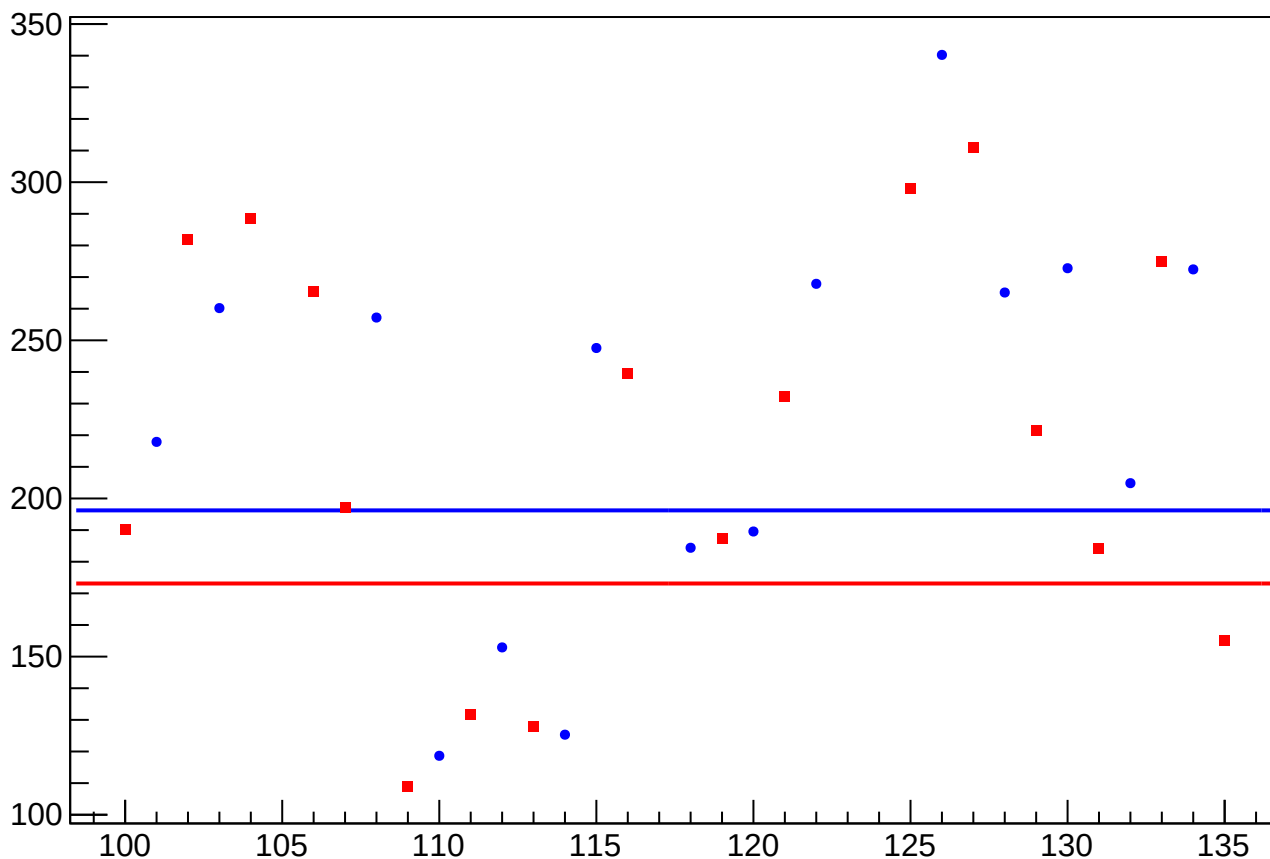
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 63.454 ± 53.624 $\chi^2/\text{NDF}: 27.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_us_an_us_avg_rms vs Slug



Right In: 196.233+/-0.059 χ^2/NDF : 1000560.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 173.117+/-0.050 χ^2/NDF : 1530474.1/16

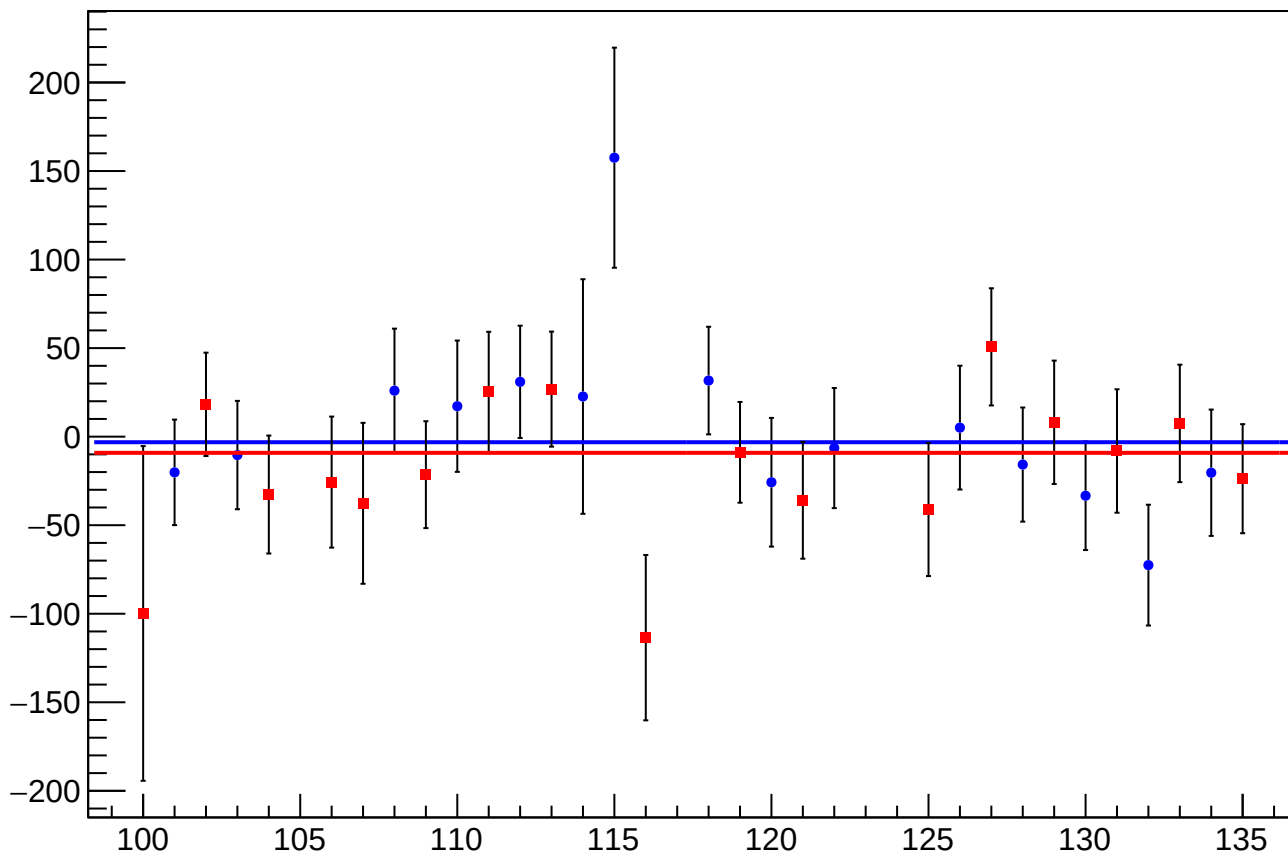
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.807+/-0.038 χ^2/NDF : 2621518.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_mean vs Slug



Right In: -3.145+/-8.973 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.147+/-8.403 χ^2/NDF : 15.7/16

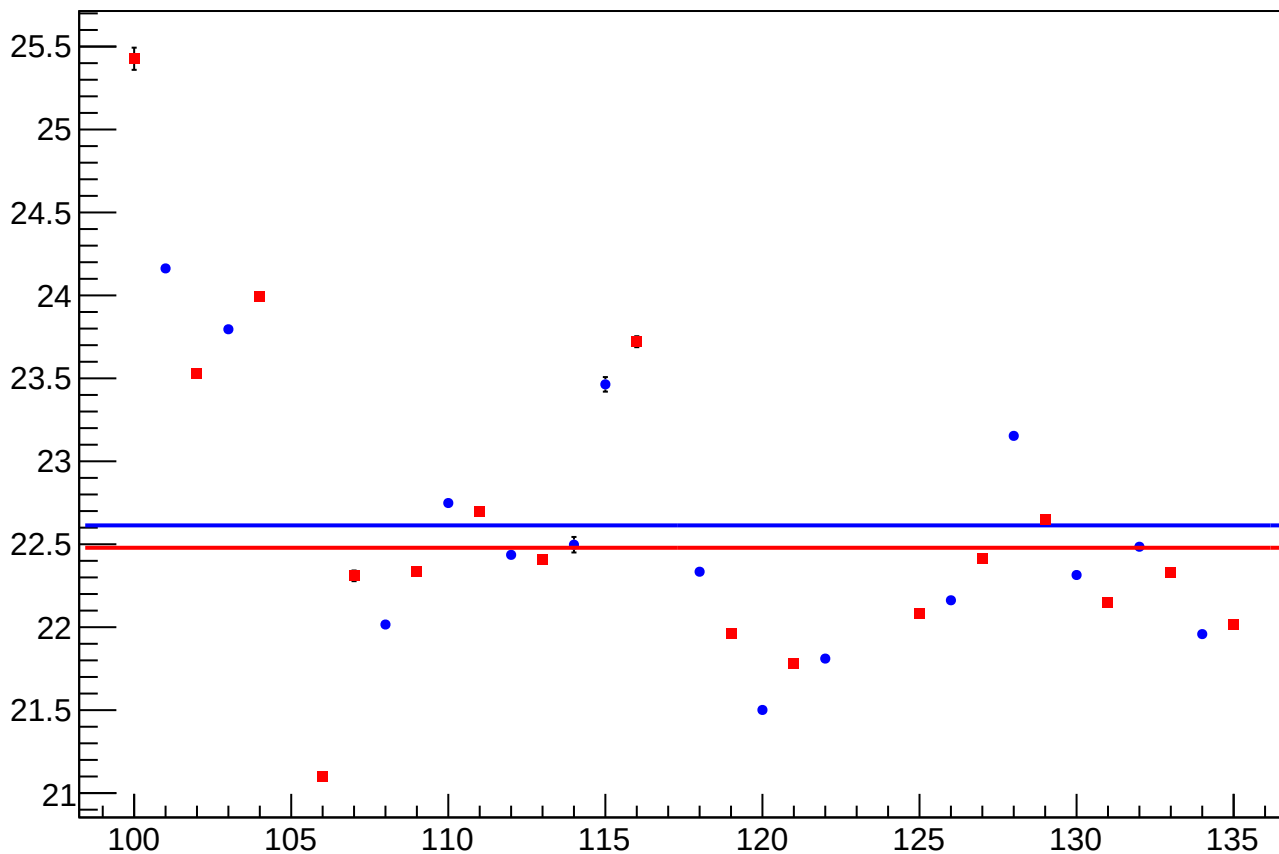
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.342+/-6.134 χ^2/NDF : 32.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_us_dd_rms vs Slug



Right In: 22.614 $\pm$ 0.006 χ^2 /NDF: 14396.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.479 $\pm$ 0.006 χ^2 /NDF: 15526.8/16

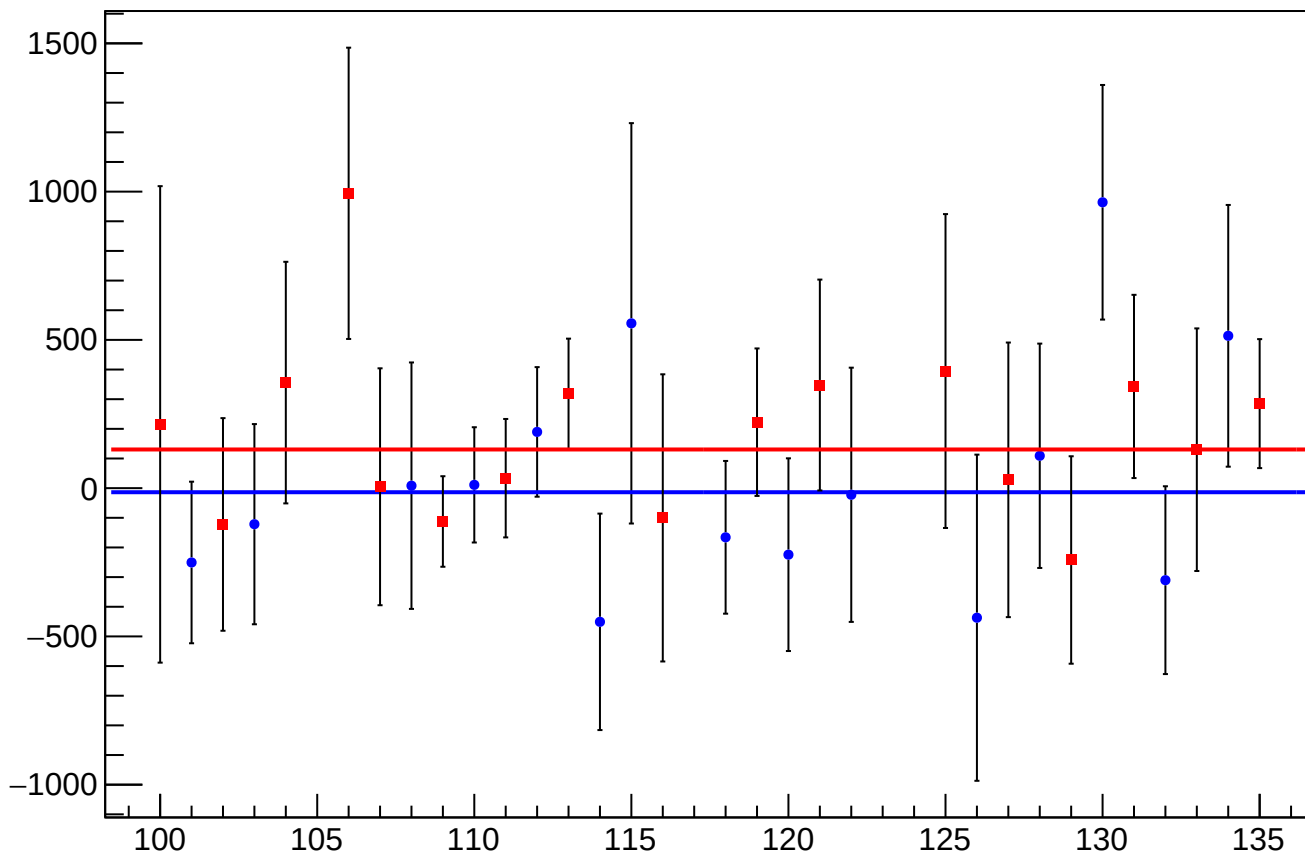
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.542 $\pm$ 0.004 χ^2 /NDF: 30163.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_avg_mean vs Slug



Right In: -13.743 ± 82.498 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 130.412 ± 69.864 χ^2/NDF : 10.9/16

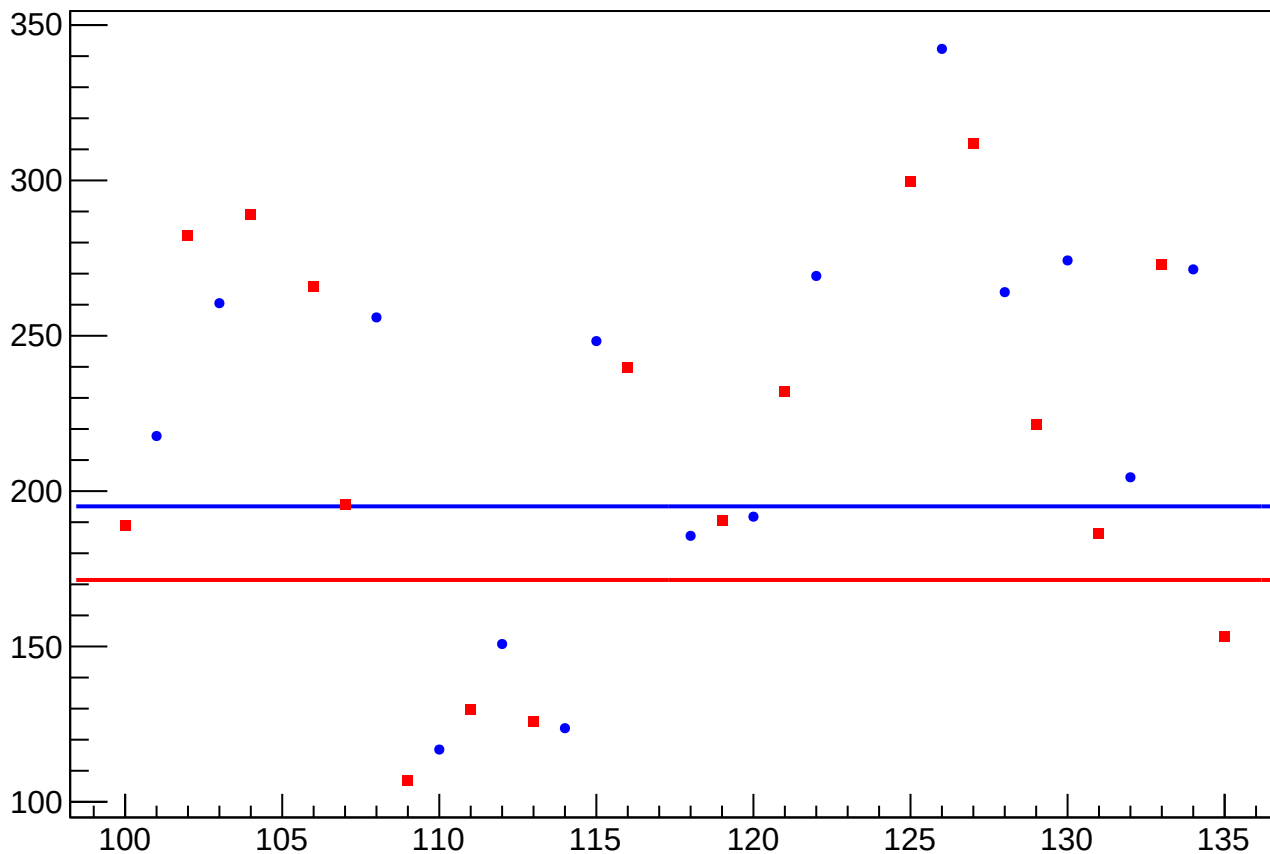
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 70.206 ± 53.315 χ^2/NDF : 26.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_us_avg_rms vs Slug



Right In: 195.098 $\pm$ 0.058 χ^2 /NDF: 1041279.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 171.411 $\pm$ 0.049 χ^2 /NDF: 1598371.6/16

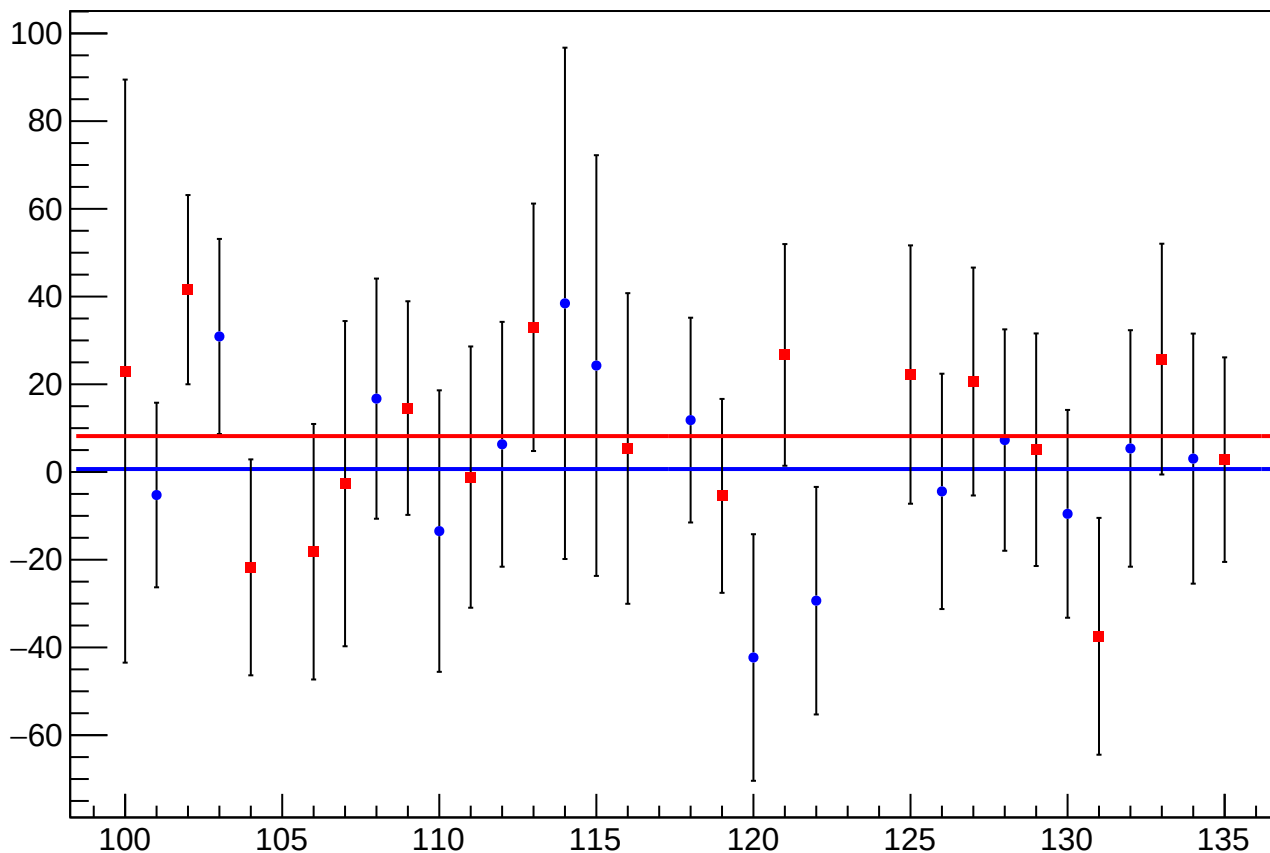
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 181.304 $\pm$ 0.038 χ^2 /NDF: 2735669.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_us_dd_mean vs Slug



Right In: 0.676 ± 6.979 $\chi^2/\text{NDF}: 7.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 8.189 ± 6.576 $\chi^2/\text{NDF}: 10.5/16$

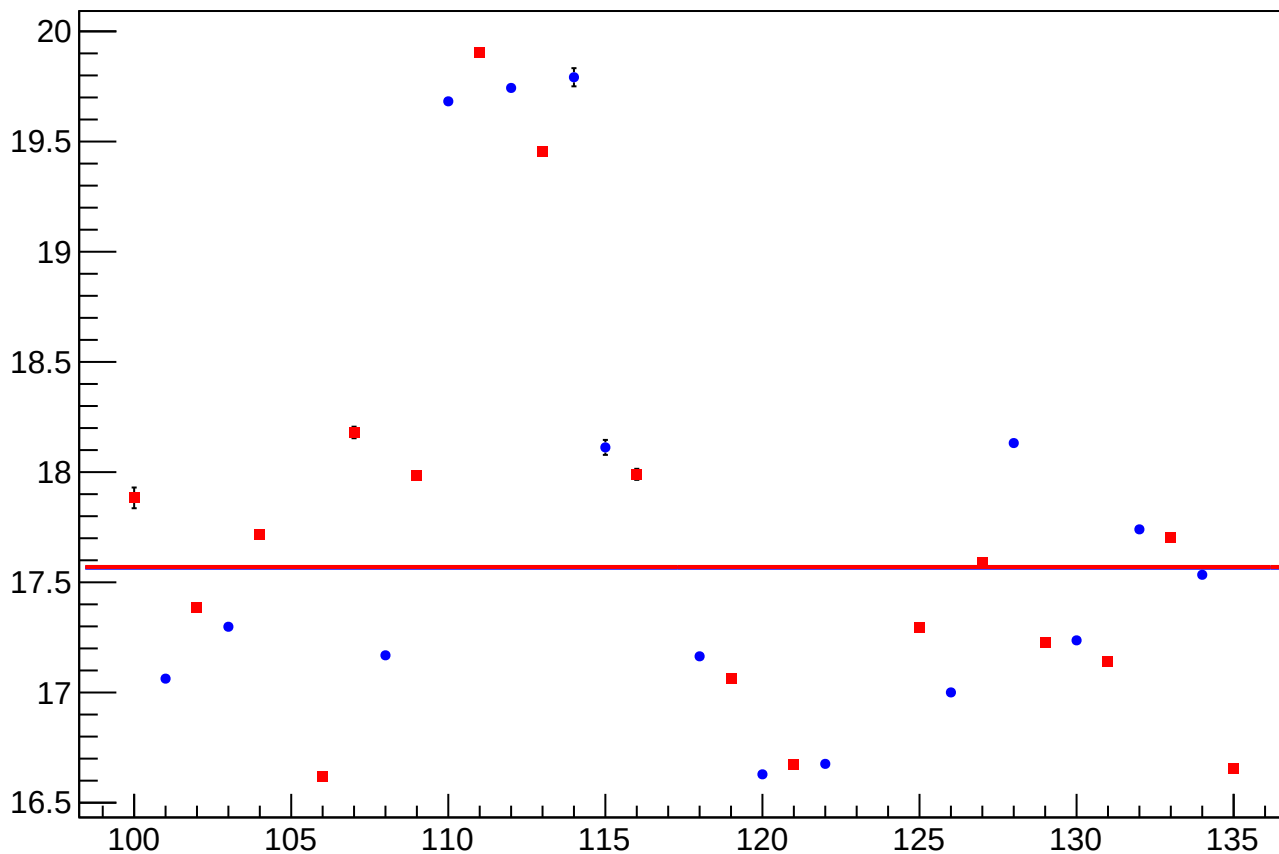
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 4.655 ± 4.786 $\chi^2/\text{NDF}: 18.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_bcm_dg_ds_an_us_dd_rms vs Slug



Right In: 17.566 $\pm$ 0.005 χ^2 /NDF: 33430.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.570 $\pm$ 0.005 χ^2 /NDF: 32696.5/16

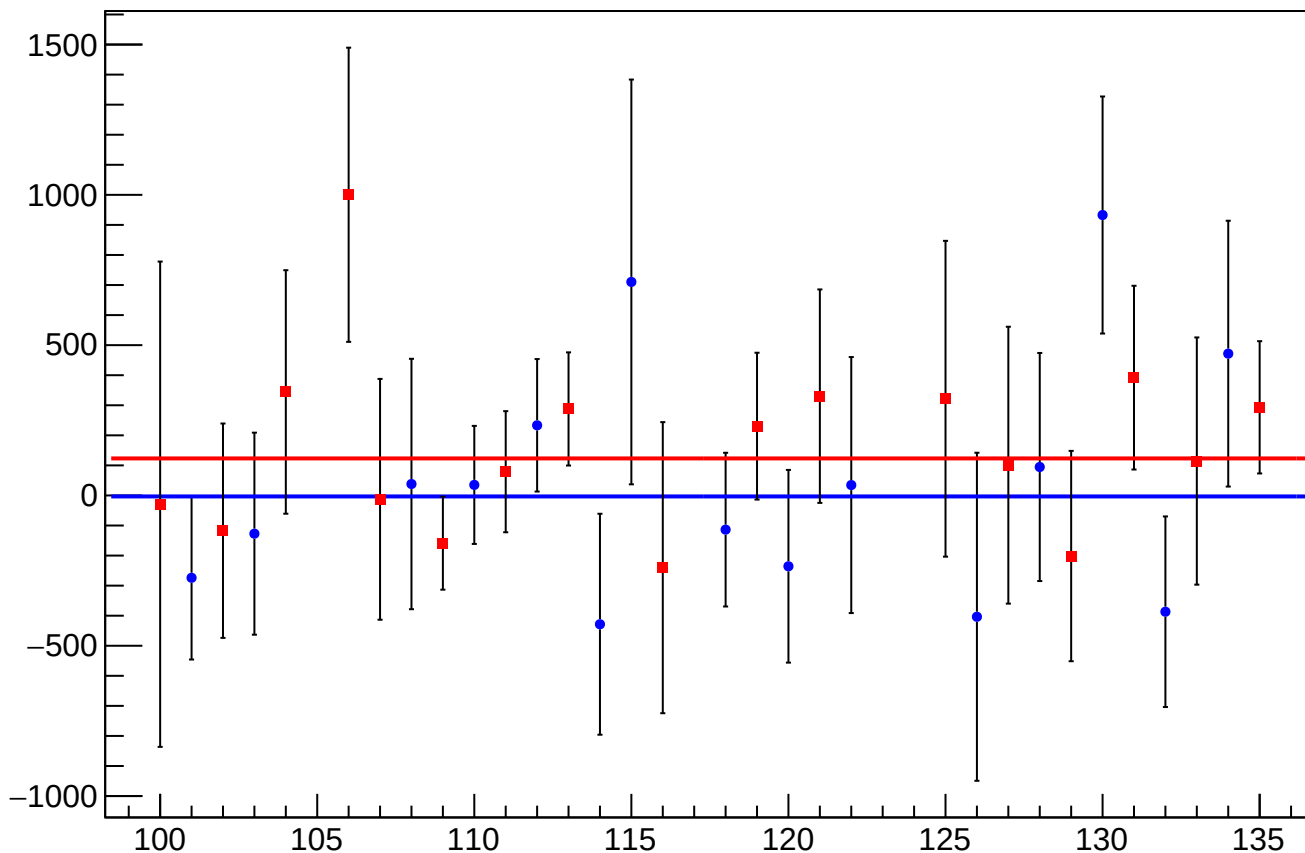
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.568 $\pm$ 0.003 χ^2 /NDF: 66127.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_us_an_ds_avg_mean vs Slug



Right In: -3.266+/-82.581 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 123.191+/-70.132 χ^2/NDF : 11.7/16

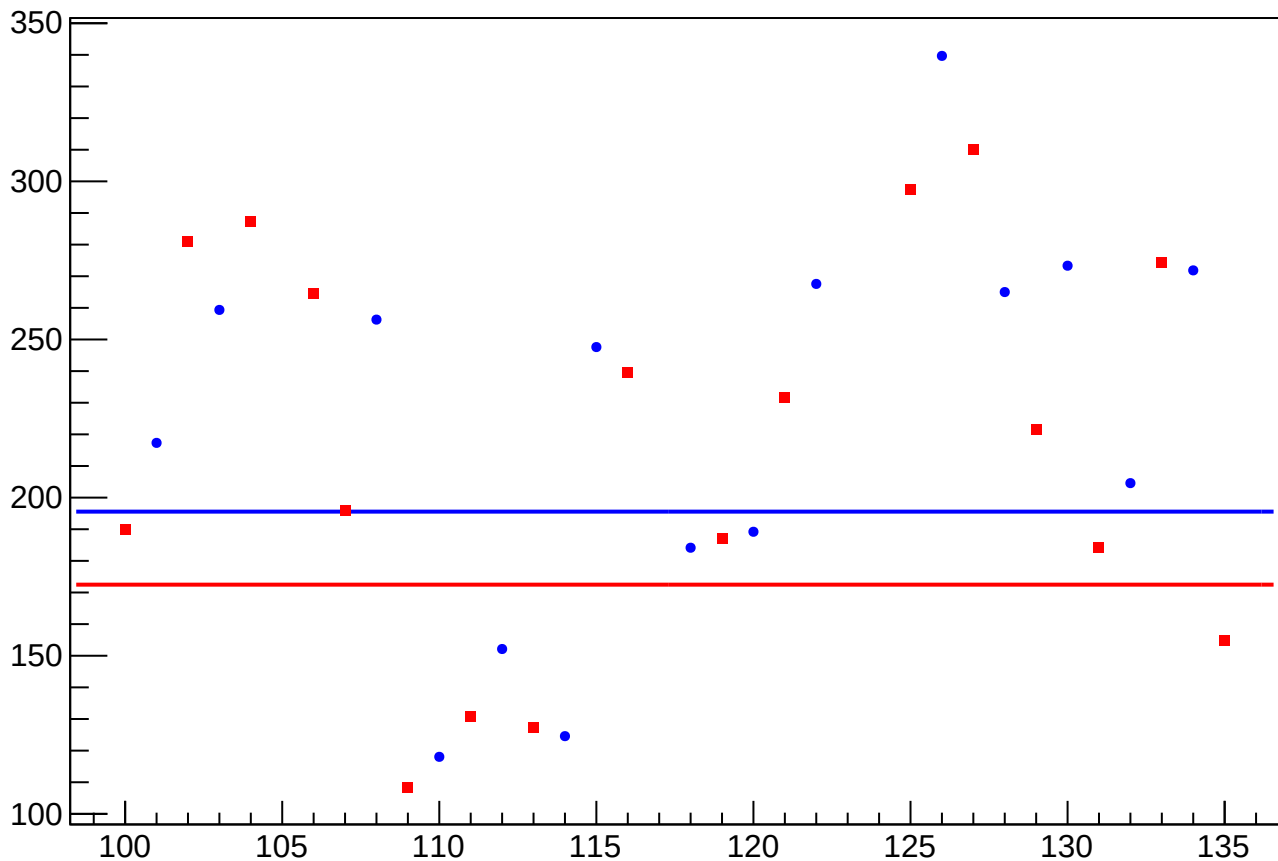
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 70.203+/-53.456 χ^2/NDF : 27.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_avg_rms vs Slug



Right In: 195.571+/-0.058 χ^2/NDF : 1010773.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 172.478+/-0.050 χ^2/NDF : 1540963.8/16

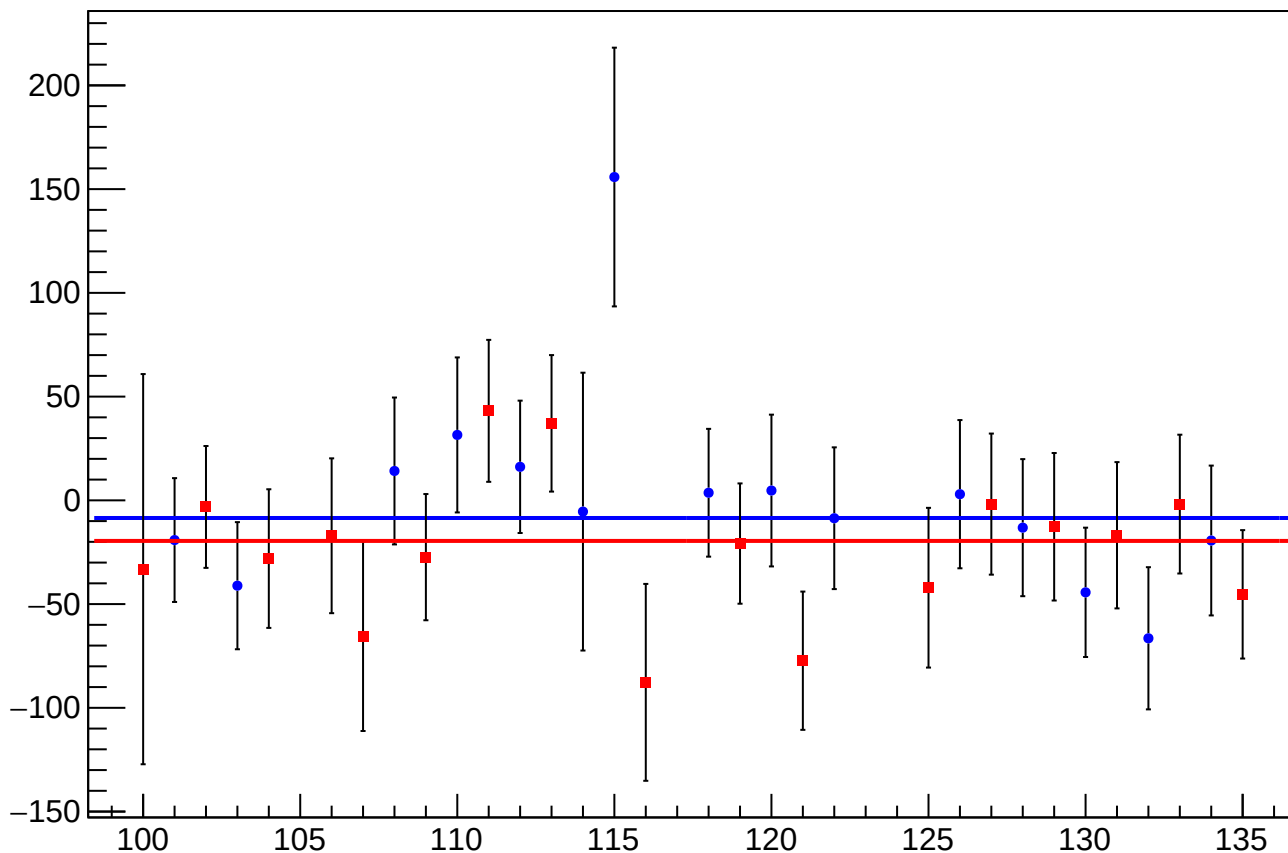
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 182.155+/-0.038 χ^2/NDF : 2642598.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_mean vs Slug



Right In: -8.504 ± 9.064 χ^2/NDF : 15.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -19.558 ± 8.502 χ^2/NDF : 14.5/16

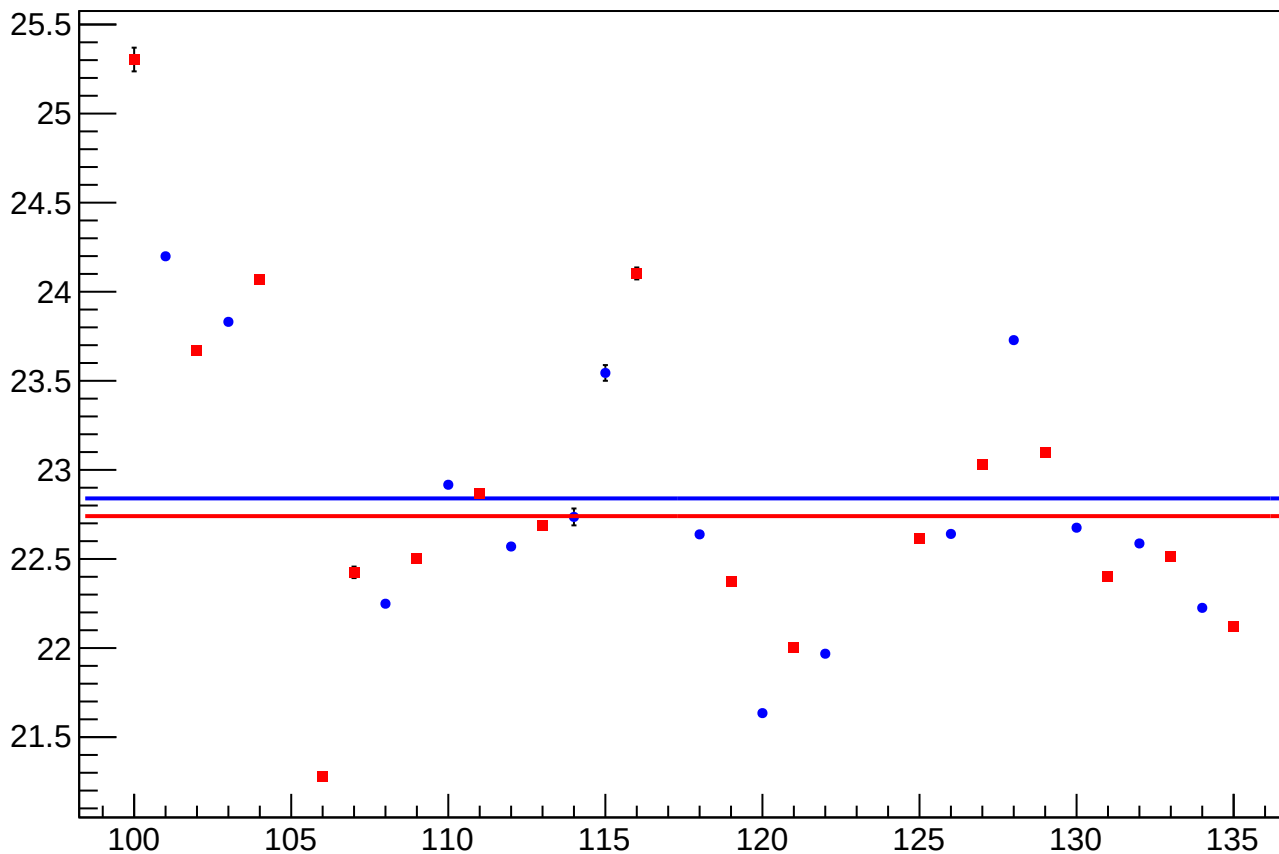
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.384 ± 6.201 χ^2/NDF : 30.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_us_an_ds_dd_rms vs Slug



Right In: 22.840 $\pm$ 0.006 χ^2 /NDF: 13022.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.741 $\pm$ 0.006 χ^2 /NDF: 14333.2/16

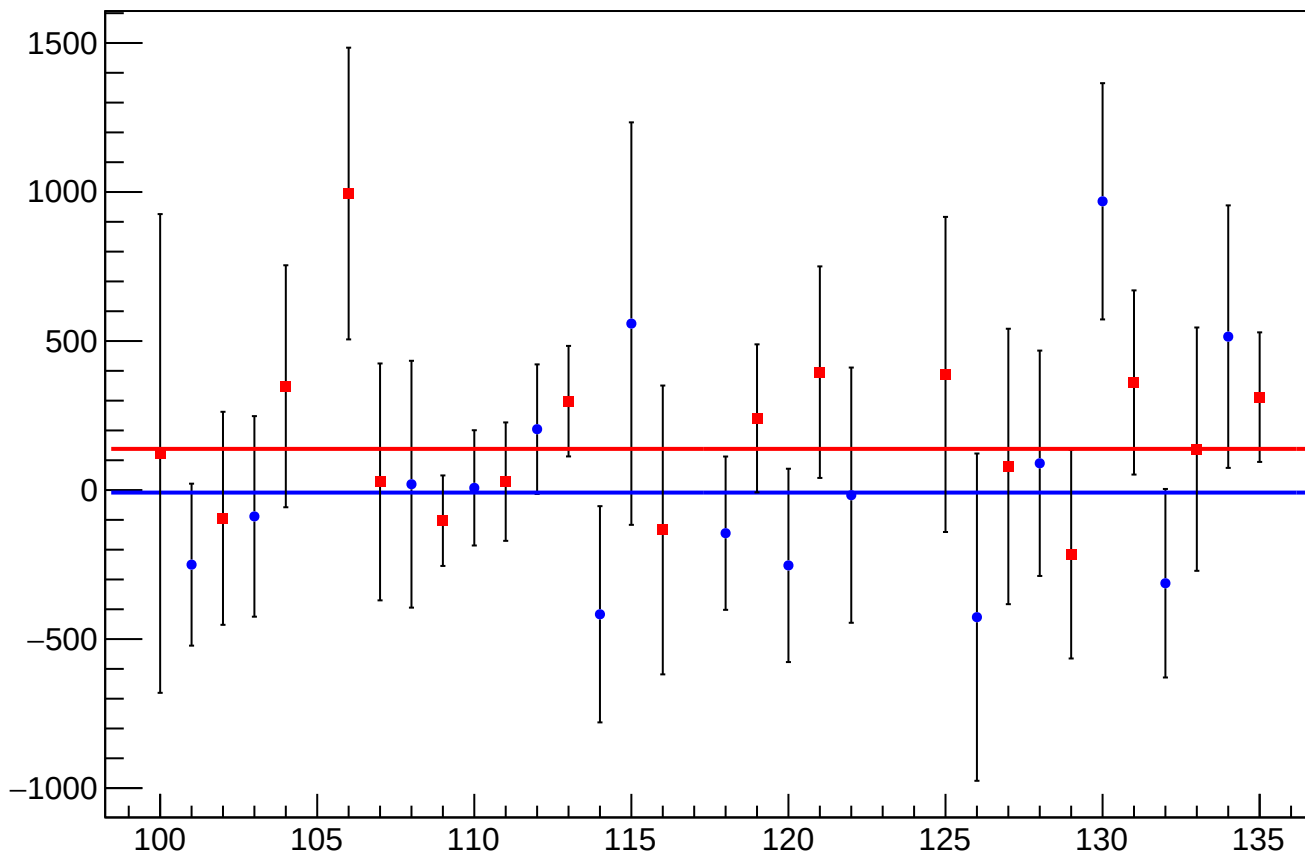
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.787 $\pm$ 0.004 χ^2 /NDF: 27483.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_avg_mean vs Slug



Right In: -8.460+/-82.250 χ^2/NDF : 13.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.158+/-69.631 χ^2/NDF : 10.8/16

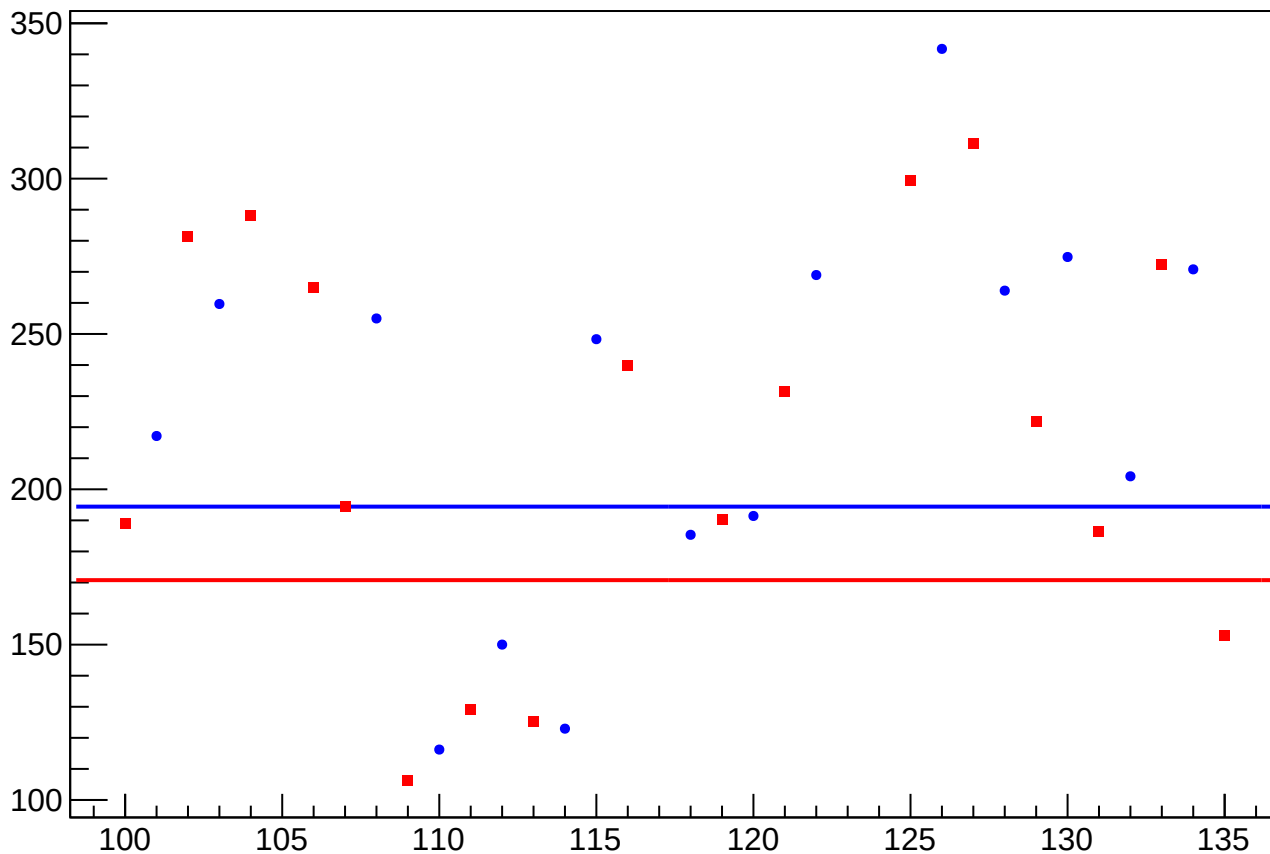
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.947+/-53.144 χ^2/NDF : 26.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_avg_rms vs Slug



Right In: 194.424 ± 0.058 χ^2/NDF : 1052110.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 170.760 ± 0.049 χ^2/NDF : 1609591.9/16

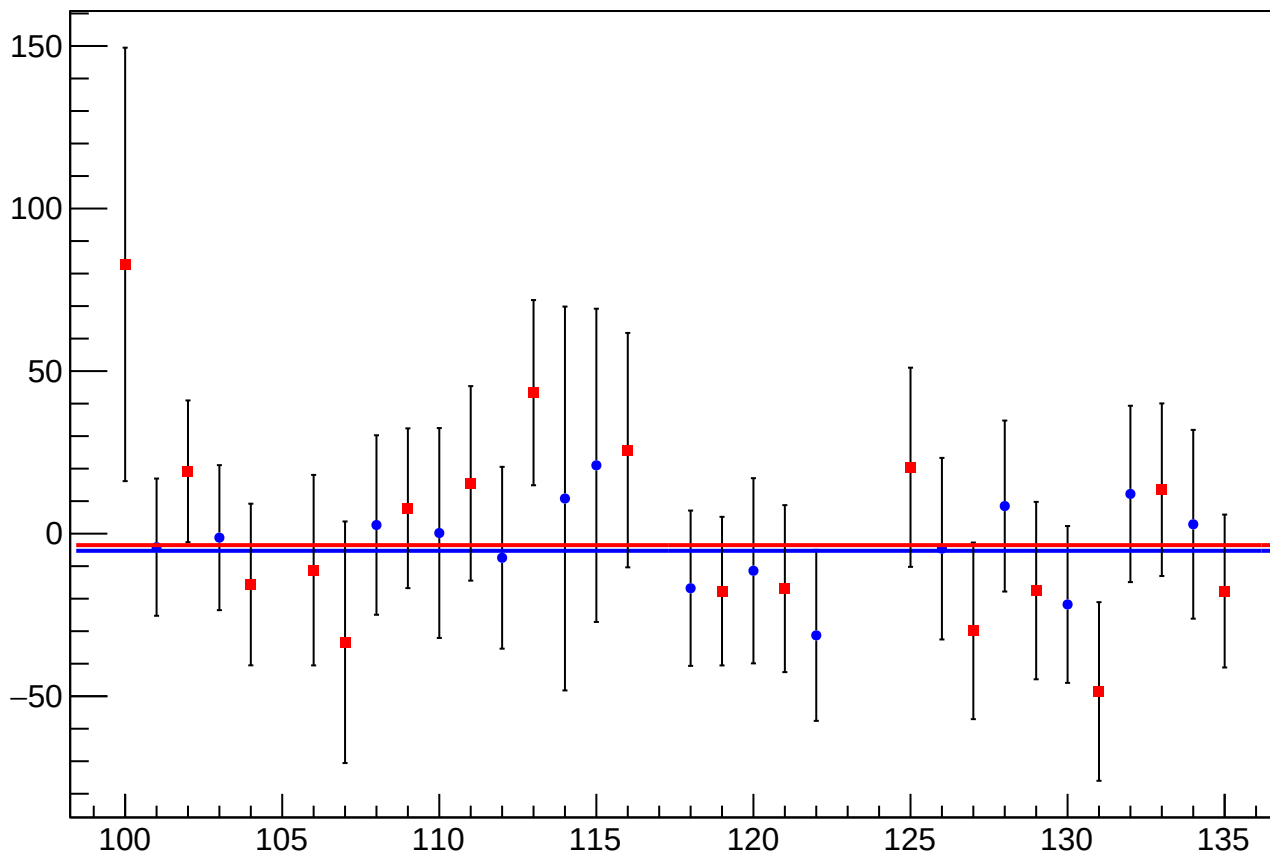
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 180.639 ± 0.038 χ^2/NDF : 2758142.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_bcm_dg_ds_an_ds_dd_mean vs Slug



Right In: -5.274 $\pm$ 7.080 χ^2 /NDF: 3.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.530 $\pm$ 6.687 χ^2 /NDF: 13.6/16

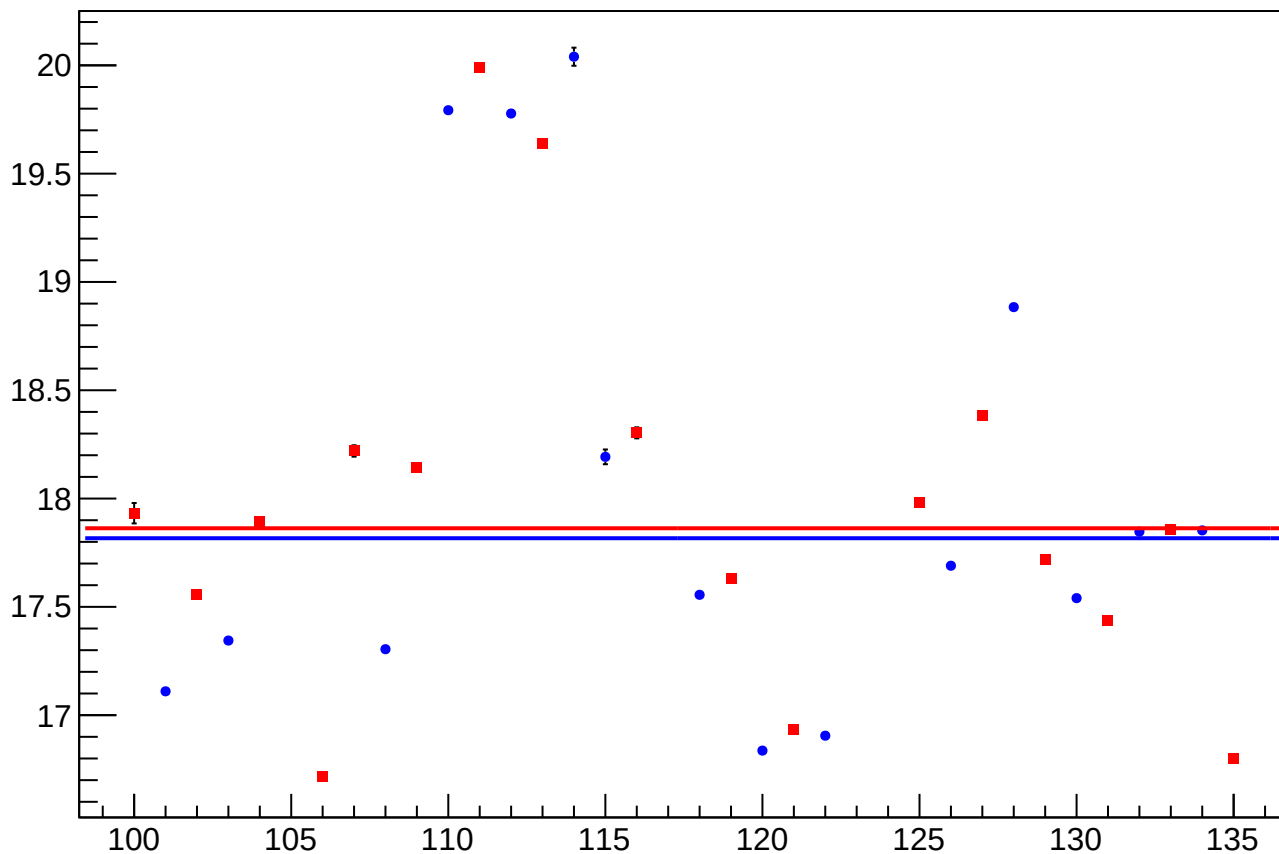
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.352 $\pm$ 4.862 χ^2 /NDF: 16.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_bcm_dg_ds_an_ds_dd_rms vs Slug



Right In: 17.817+/-0.005 χ^2 /NDF: 32728.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 17.863+/-0.005 χ^2 /NDF: 30289.3/16

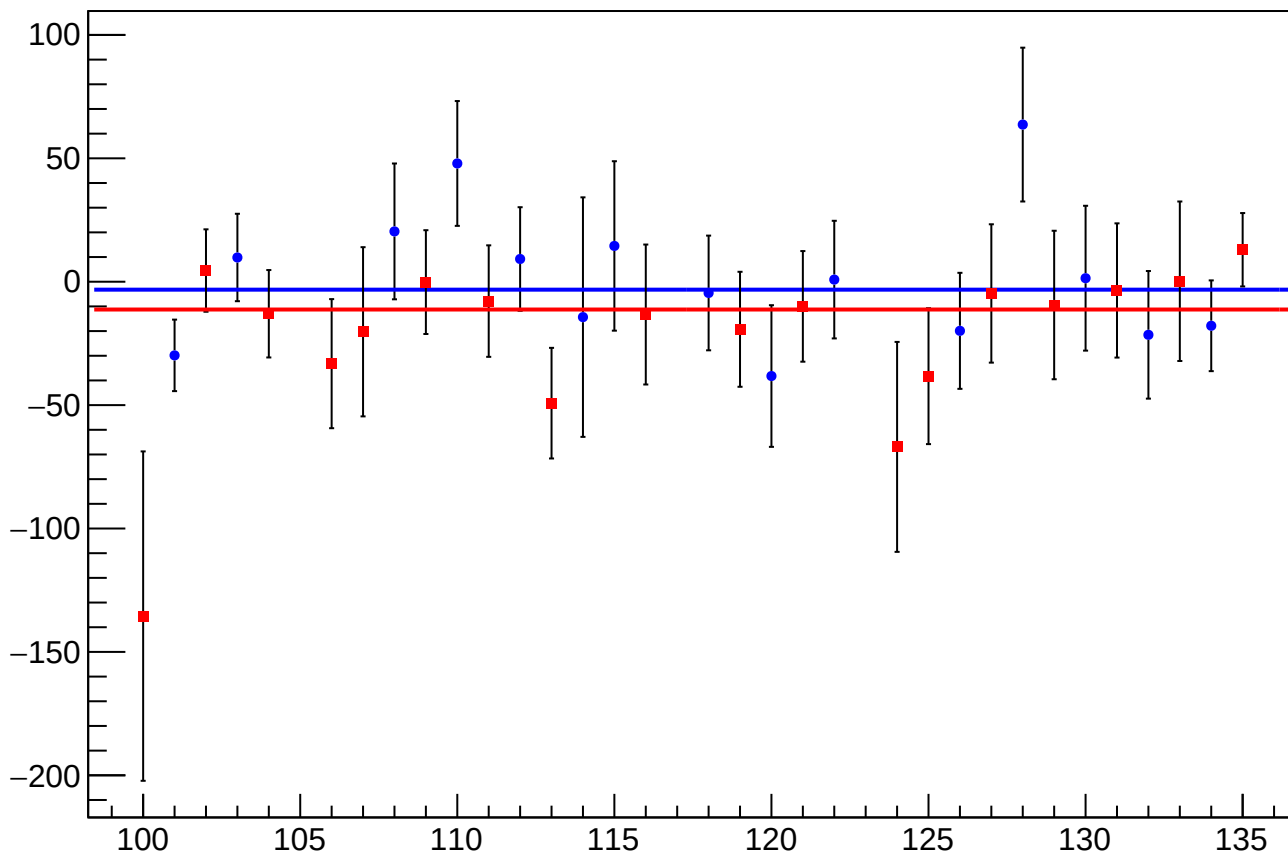
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 17.841+/-0.003 χ^2 /NDF: 63062.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_avg_mean vs Slug



Right In: -3.217+/-6.012 χ^2 /NDF: 17.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -11.263+/-5.618 χ^2 /NDF: 14.0/17

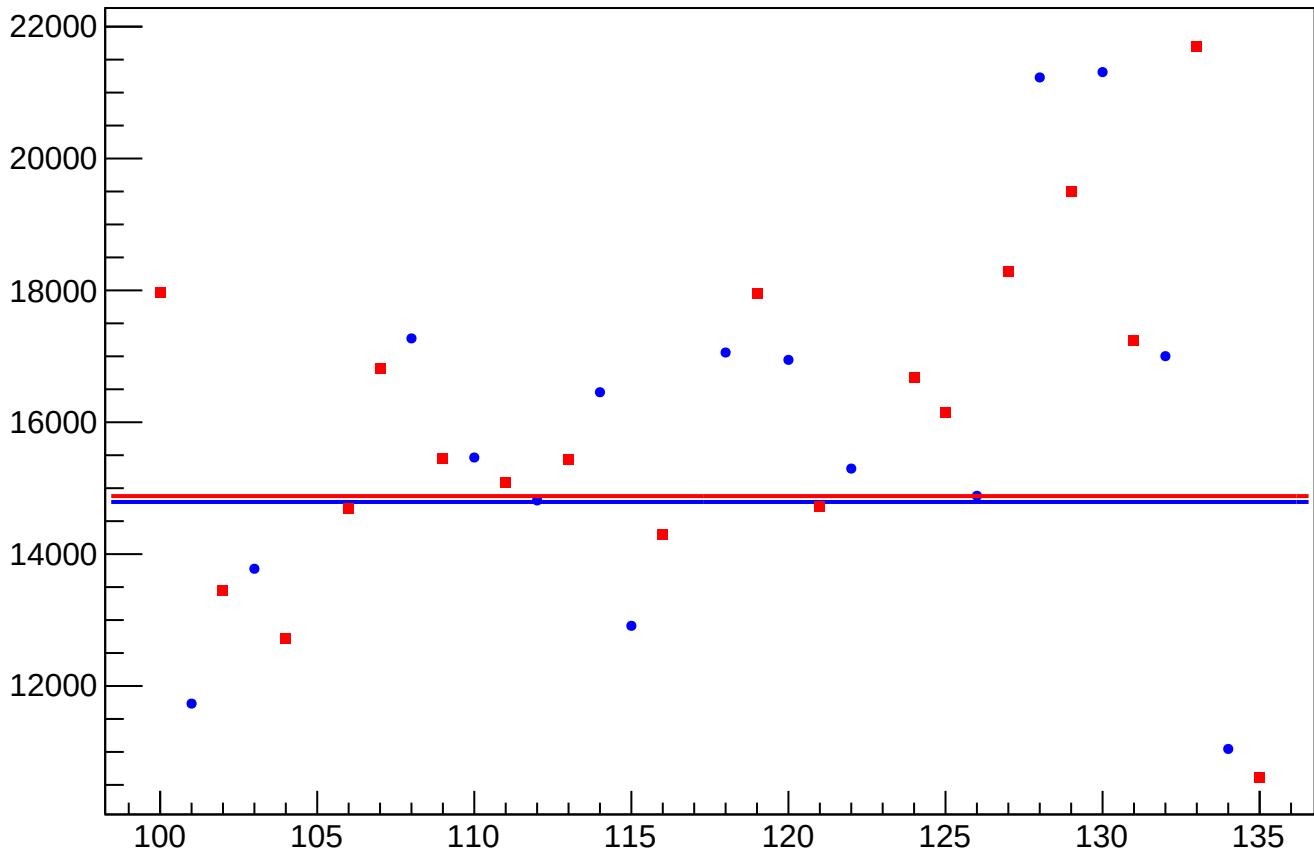
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7.513+/-4.105 χ^2 /NDF: 32.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_avg_rms vs Slug



Right In: 14790.931+/-4.251 χ^2/NDF : 434664.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14880.150+/-3.972 χ^2/NDF : 447168.8/17

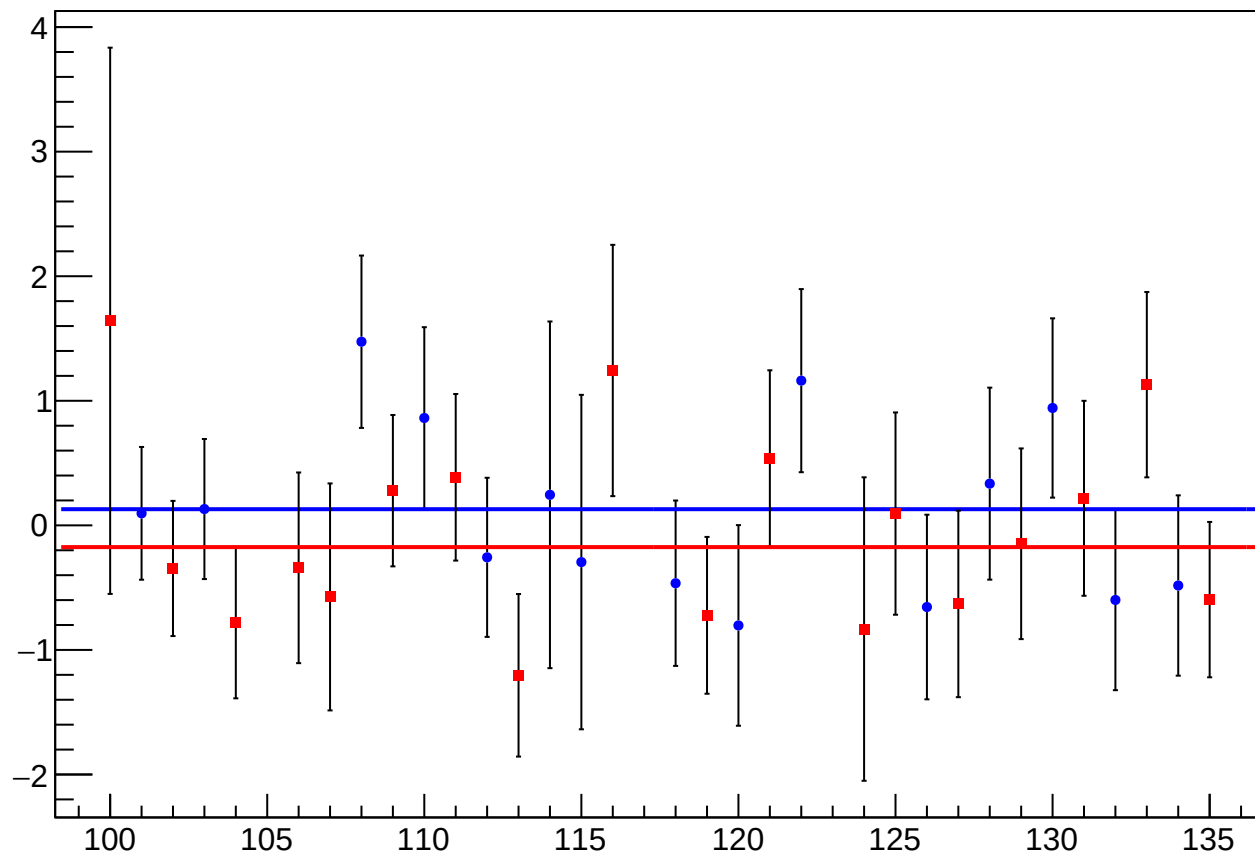
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14838.563+/-2.903 χ^2/NDF : 882067.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4acX_dd_mean vs Slug



Right In: 0.130 $\pm$ 0.185 χ^2 /NDF: 13.6/14

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

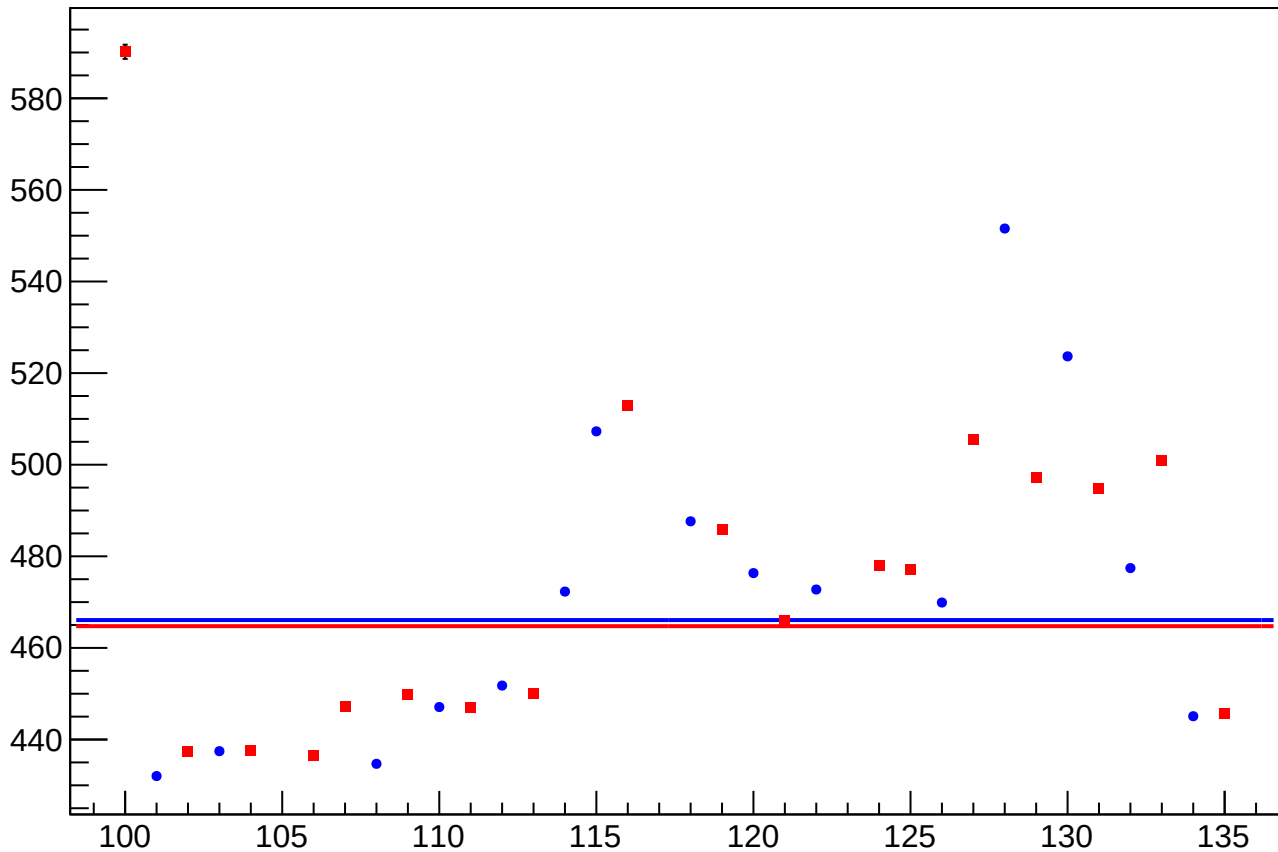
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.034 $\pm$ 0.126 χ^2 /NDF: 29.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4acX_dd_rms vs Slug



Right In: 466.078+/-0.131 χ^2/NDF : 63987.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.749+/-0.122 χ^2/NDF : 49243.0/17

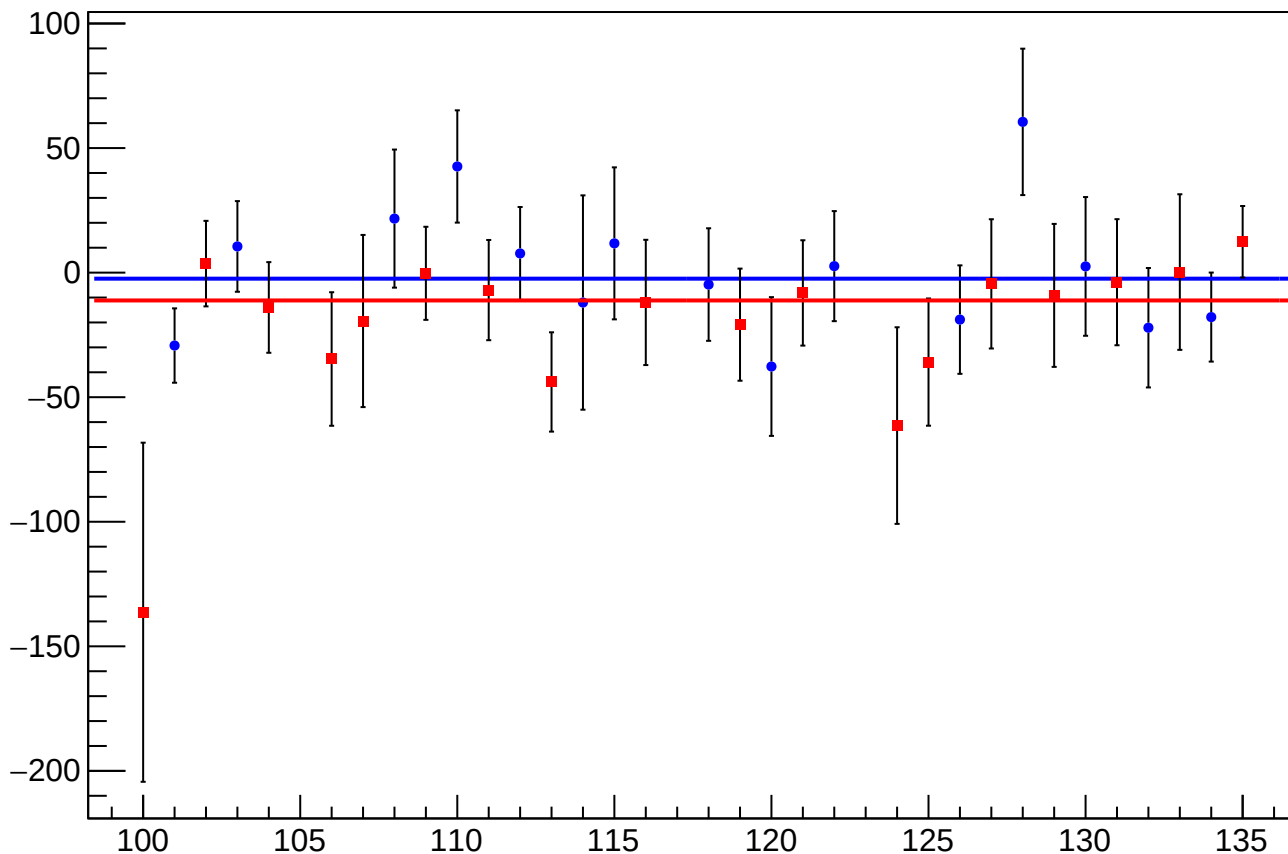
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 465.364+/-0.089 χ^2/NDF : 113285.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_mean vs Slug



Right In: -2.422+/-5.773 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.167+/-5.359 χ^2/NDF : 13.8/17

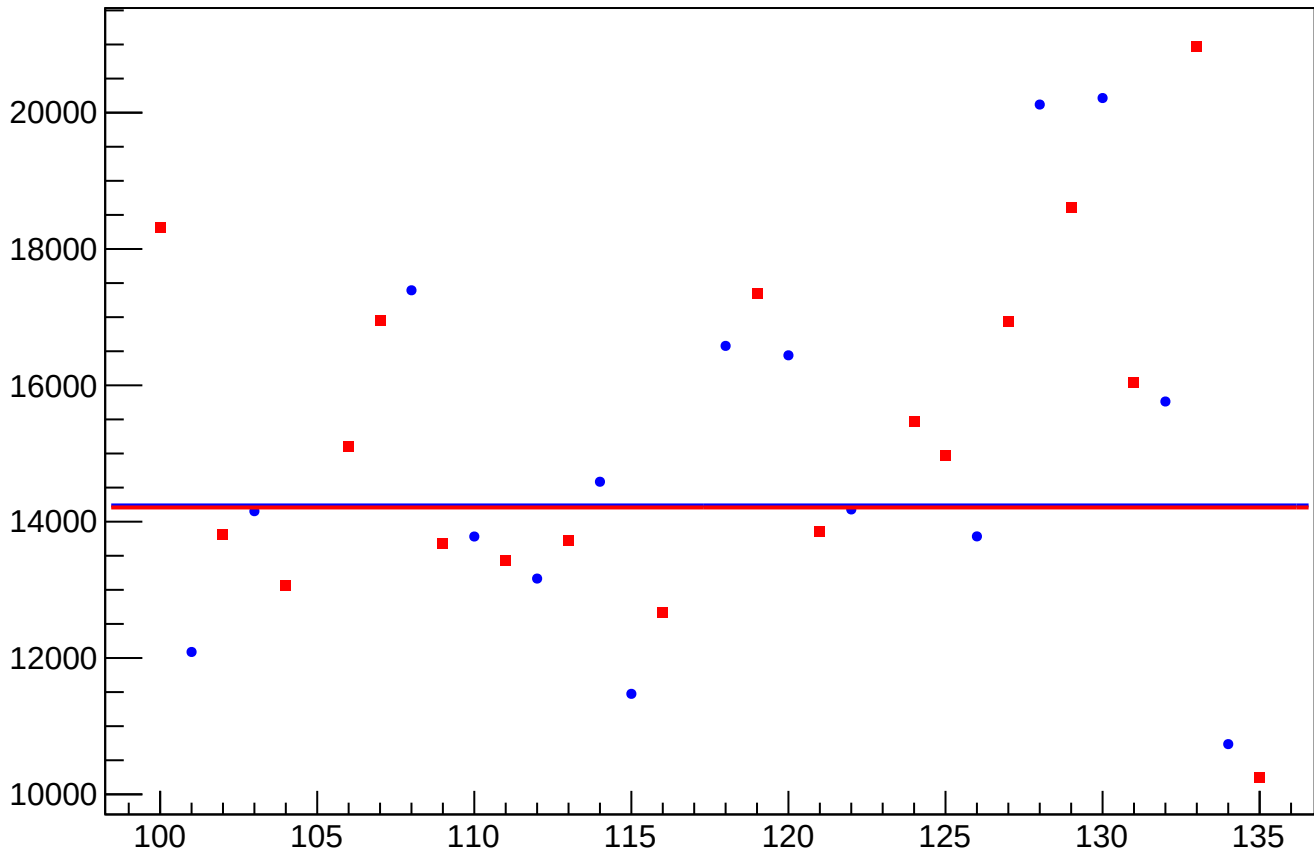
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.120+/-3.928 χ^2/NDF : 32.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_avg_rms vs Slug



Right In: 14237.992 $\pm$ 4.082 χ^2 /NDF: 383447.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14208.486 $\pm$ 3.789 χ^2 /NDF: 413089.8/17

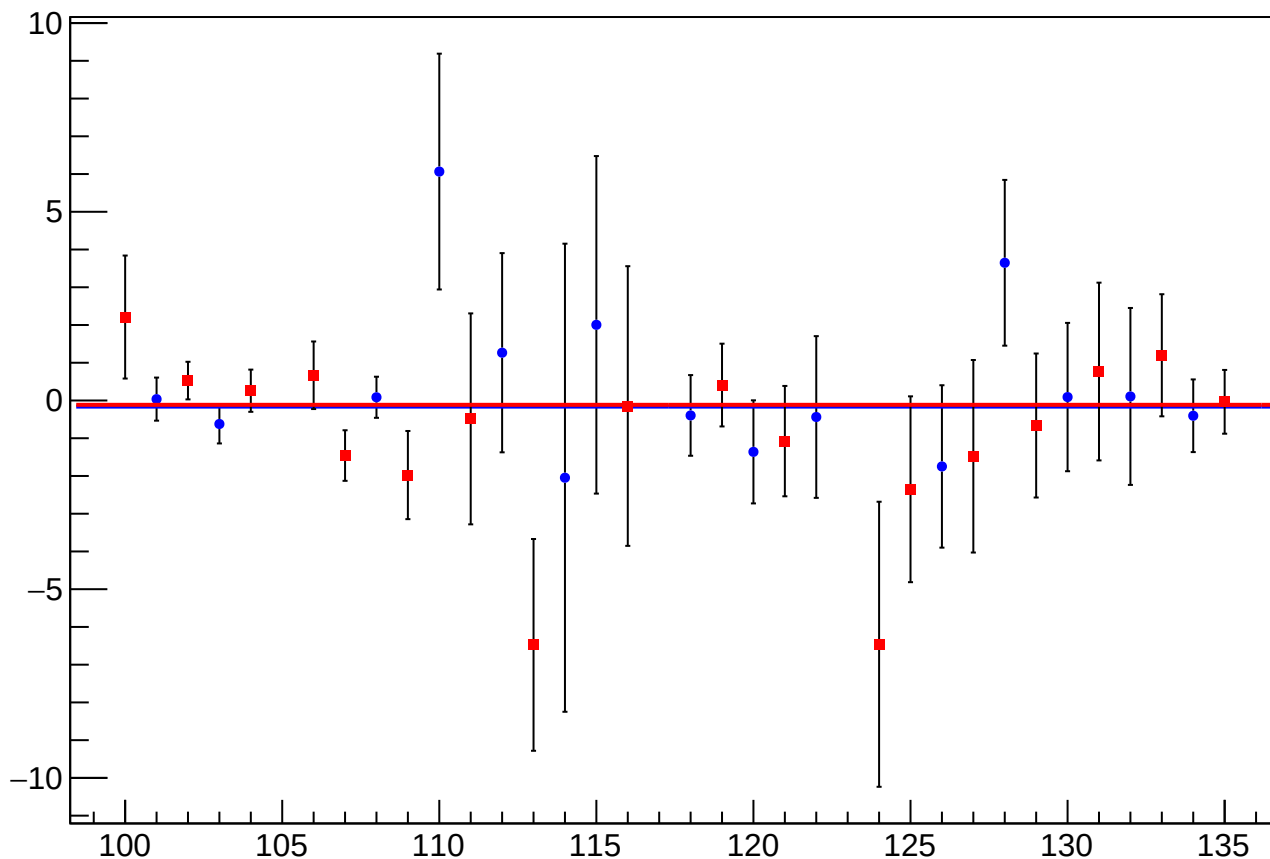
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14222.141 $\pm$ 2.777 χ^2 /NDF: 796565.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4eX_dd_mean vs Slug



Right In: -0.162 ± 0.266 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.115 ± 0.249 χ^2/NDF : 22.1/17

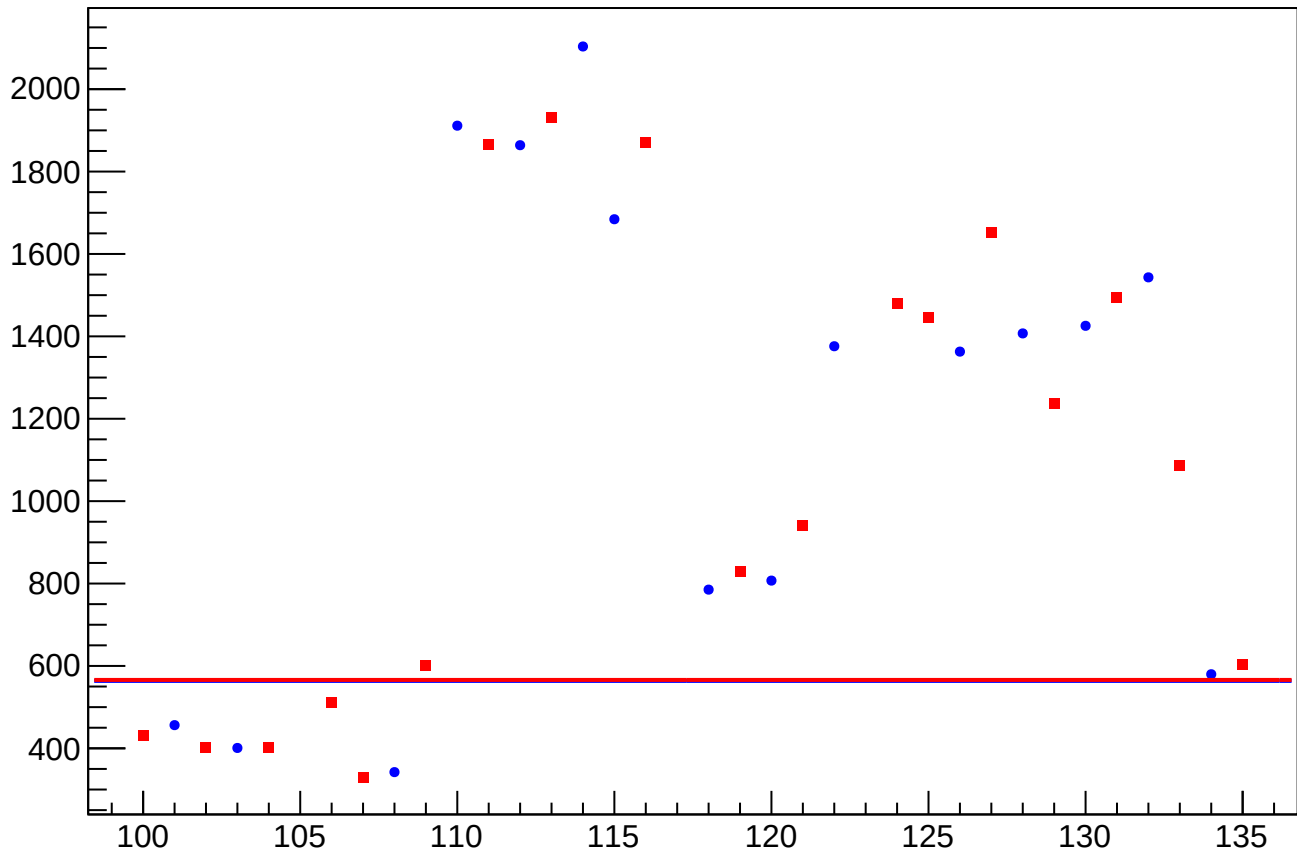
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.137 ± 0.182 χ^2/NDF : 32.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4eX_dd_rms vs Slug



Right In: 563.697 $\pm$ 0.188 χ^2 /NDF: 3449940.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 566.038 $\pm$ 0.176 χ^2 /NDF: 3571094.1/17

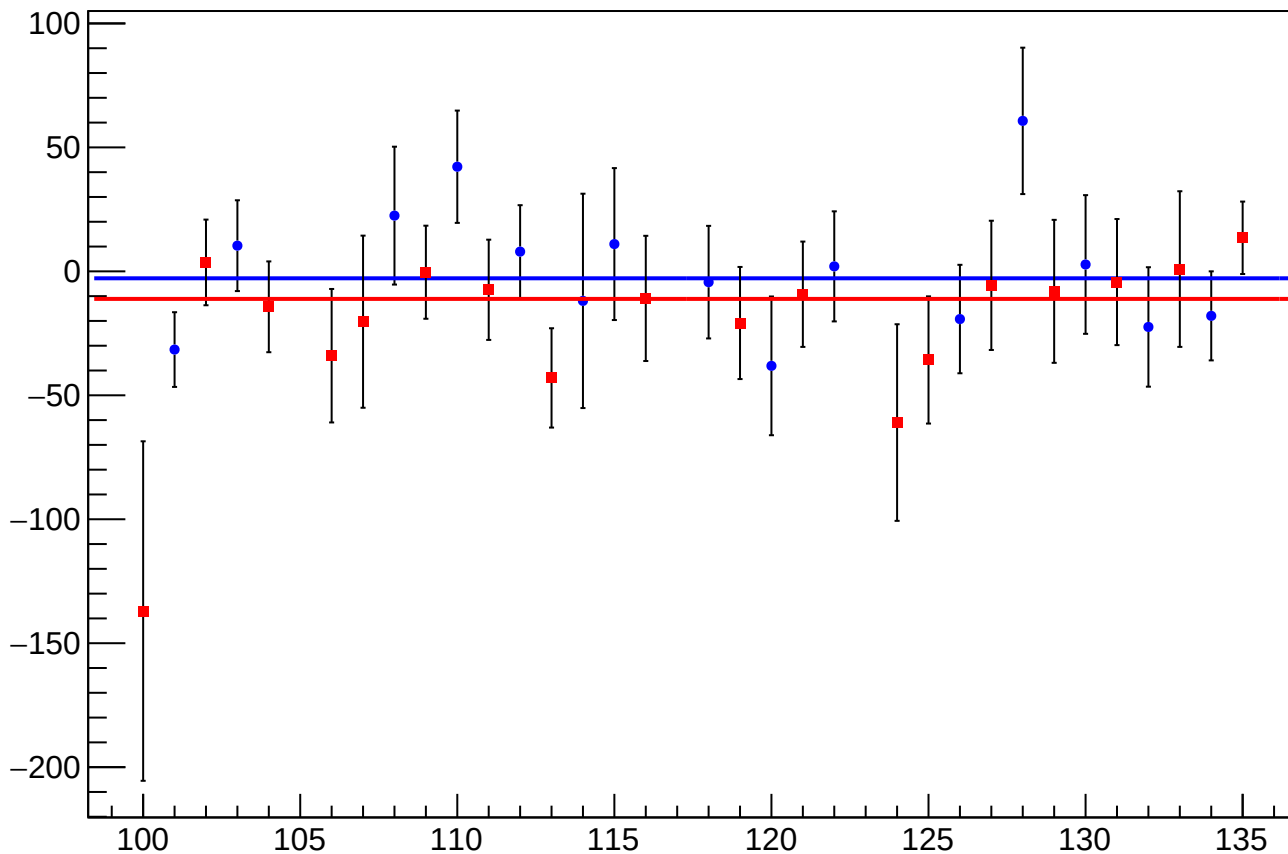
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 564.944 $\pm$ 0.129 χ^2 /NDF: 7021116.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_avg_mean vs Slug



Right In: -2.805 ± 5.806 χ^2/NDF : 17.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.115 ± 5.396 χ^2/NDF : 13.6/17

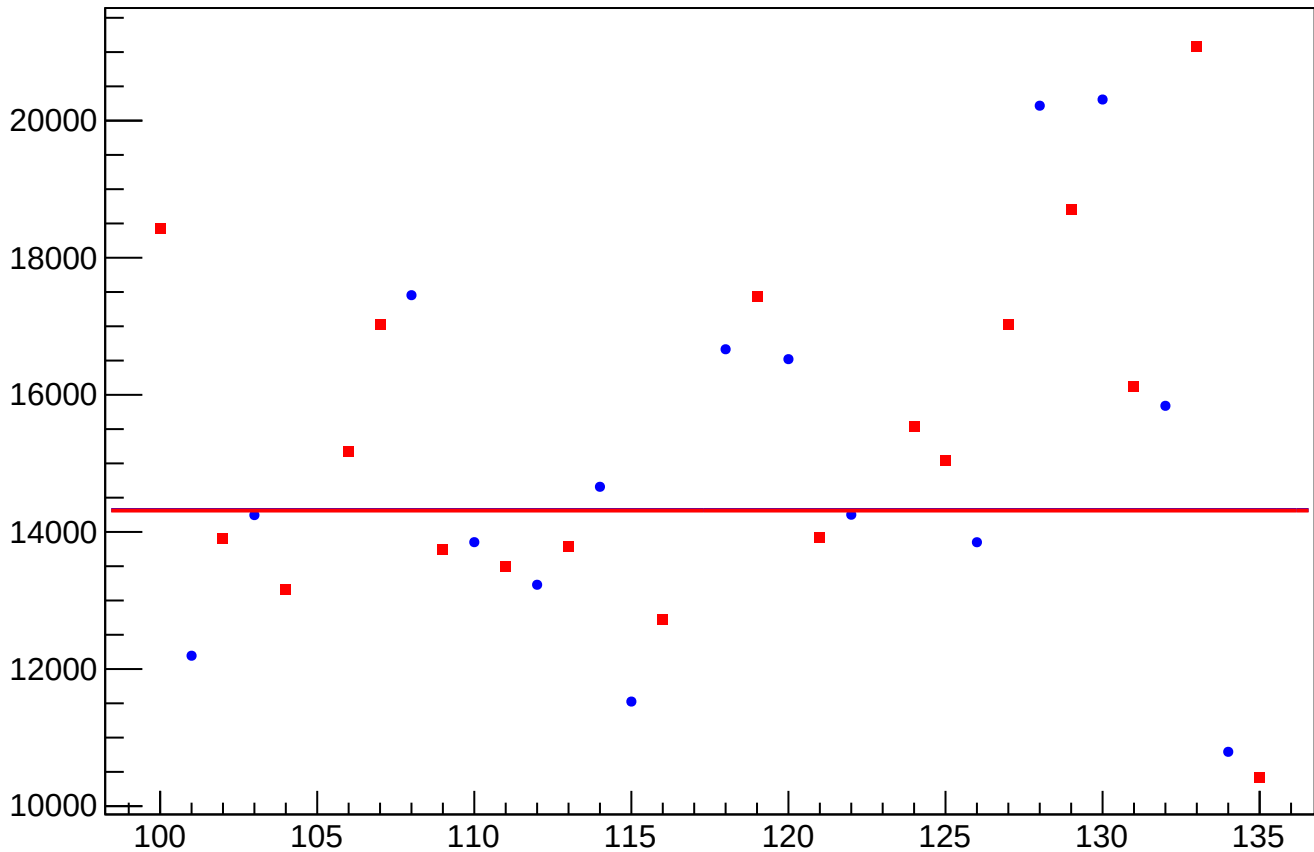
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.265 ± 3.953 χ^2/NDF : 32.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_avg_rms vs Slug



Right In: 14319.745 $\pm$ 4.106 χ^2 /NDF: 380806.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 14312.768 $\pm$ 3.815 χ^2 /NDF: 400135.6/17

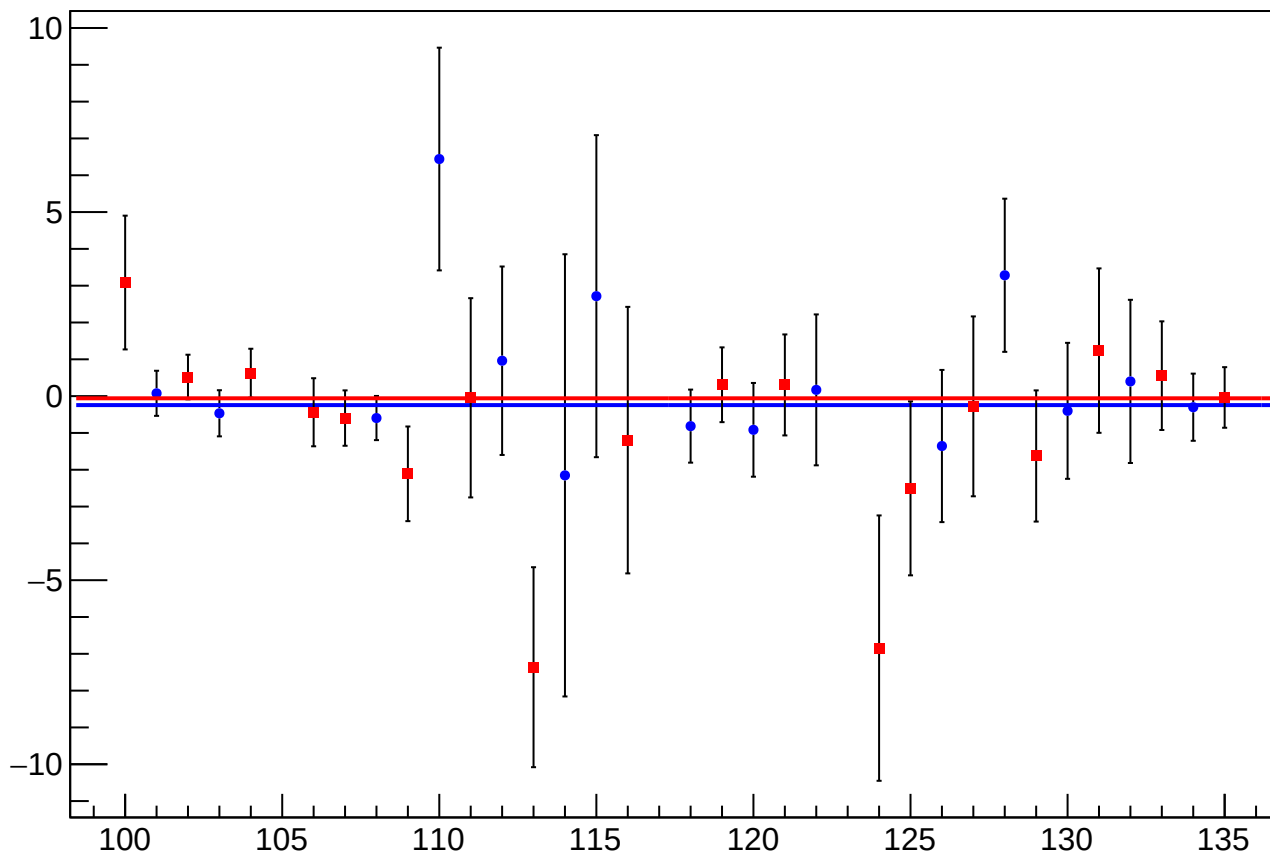
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14316.001 $\pm$ 2.795 χ^2 /NDF: 780943.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aX_4ecX_dd_mean vs Slug



Right In: -0.244 ± 0.284 χ^2/NDF : 10.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.059 ± 0.272 χ^2/NDF : 21.6/17

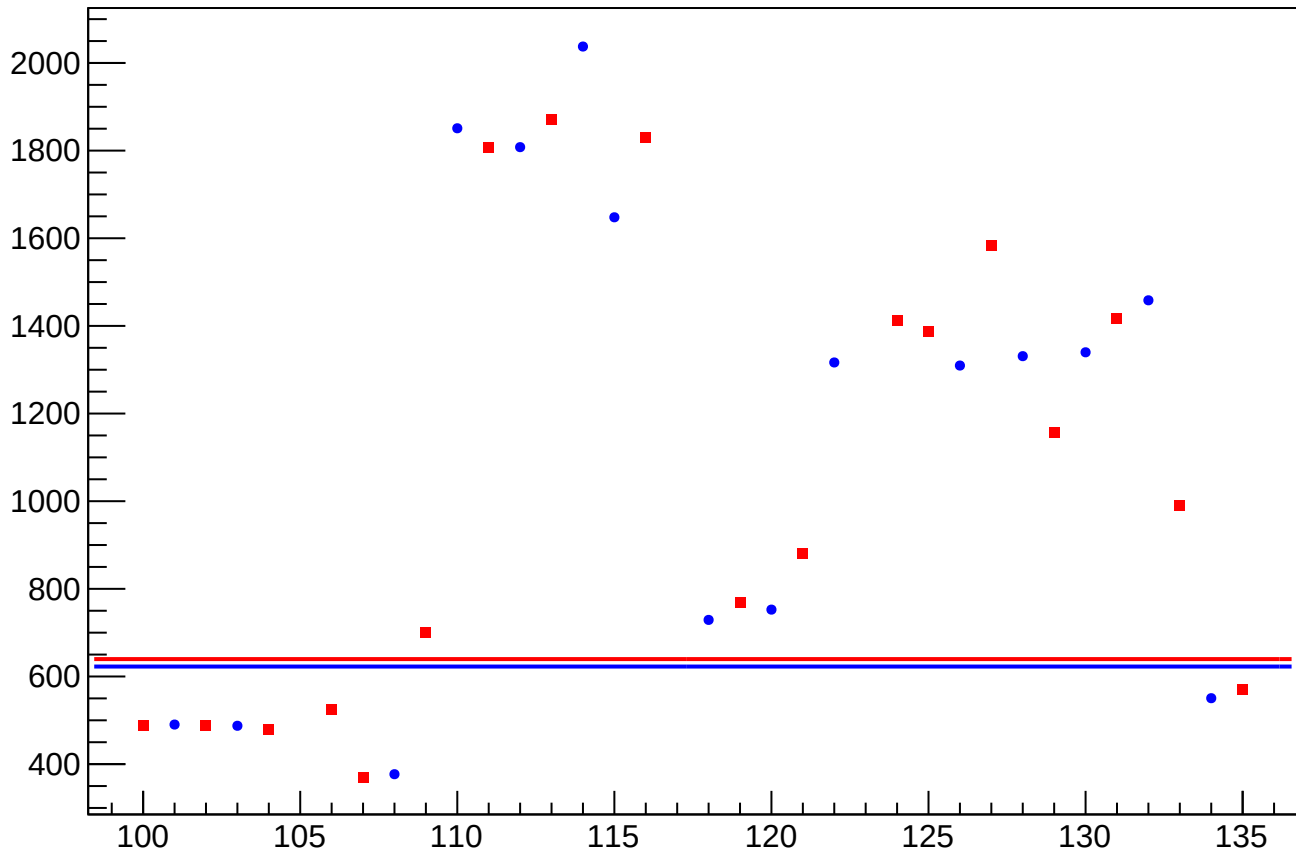
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.147 ± 0.196 χ^2/NDF : 32.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aX_4ecX_dd_rms vs Slug



Right In: 622.688+/-0.201 χ^2/NDF : 2825111.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 639.711+/-0.192 χ^2/NDF : 2770462.3/17

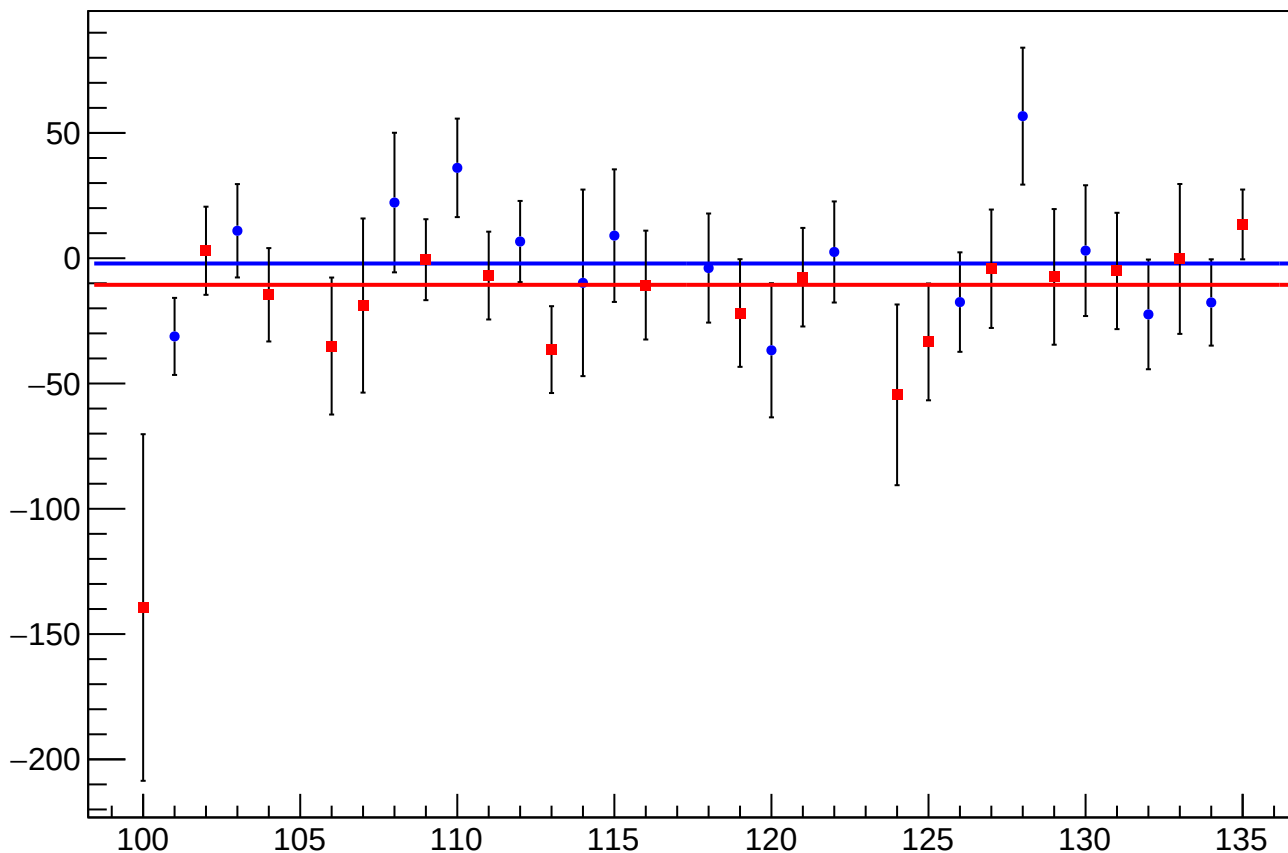
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 631.592+/-0.139 χ^2/NDF : 5599321.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_avg_mean vs Slug



Right In: -2.104 $\pm$ 5.447 χ^2 /NDF: 17.8/14

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

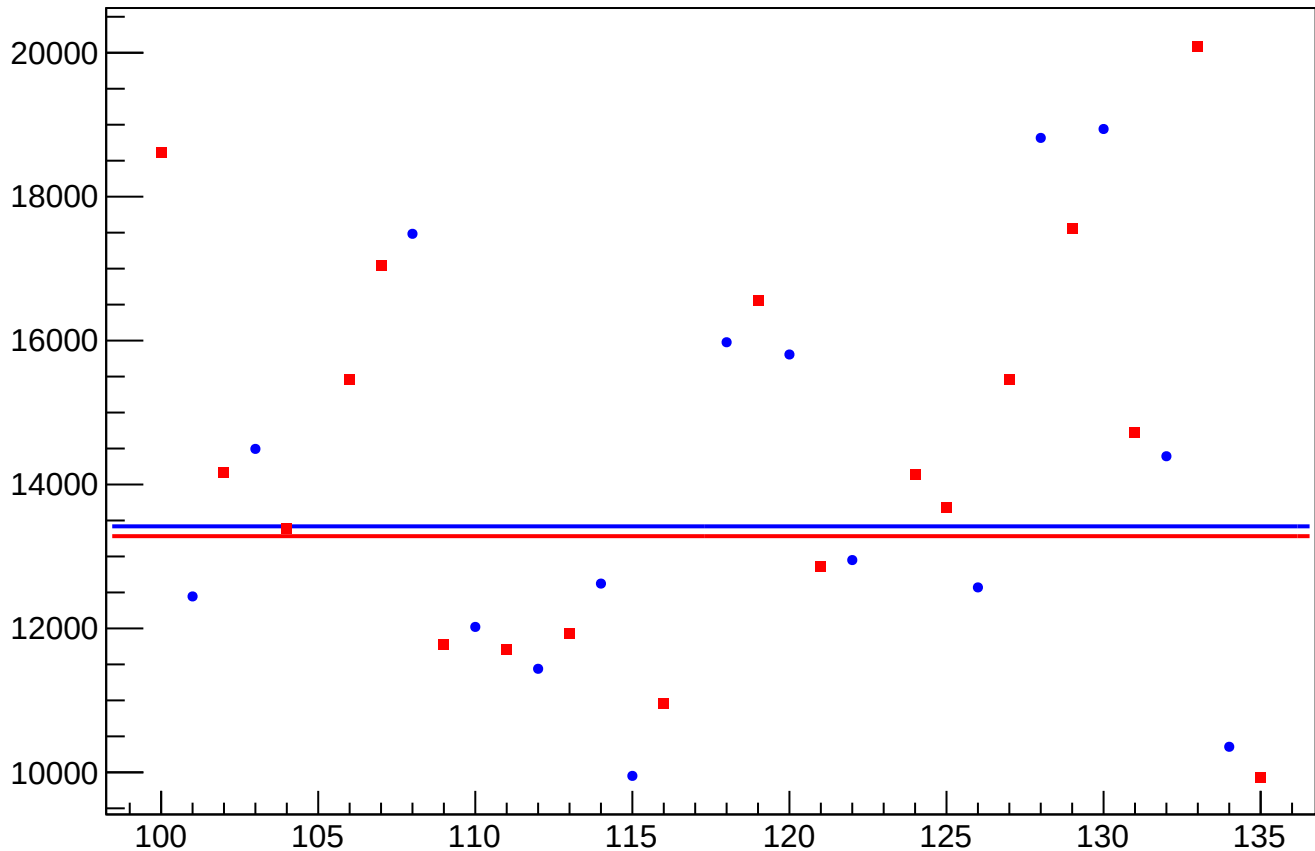
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.707 $\pm$ 3.692 χ^2 /NDF: 32.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_avg_rms vs Slug



Right In: 13418.678+/-3.851 χ^2/NDF : 415568.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13282.095+/-3.550 χ^2/NDF : 464840.1/17

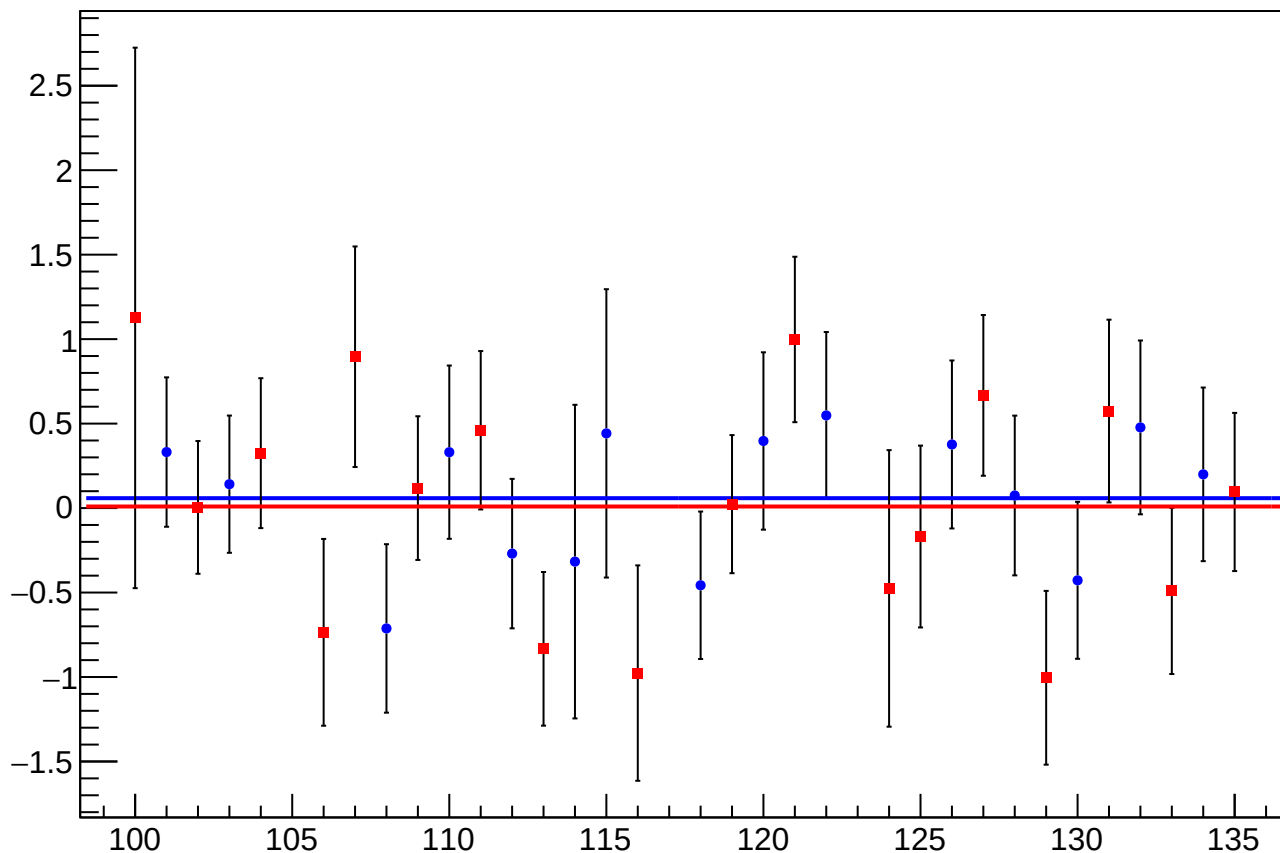
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13344.837+/-2.610 χ^2/NDF : 881088.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eX_4ecX_dd_mean vs Slug



Right In: 0.059 $\pm$ 0.129 χ^2 /NDF: 9.0/14

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

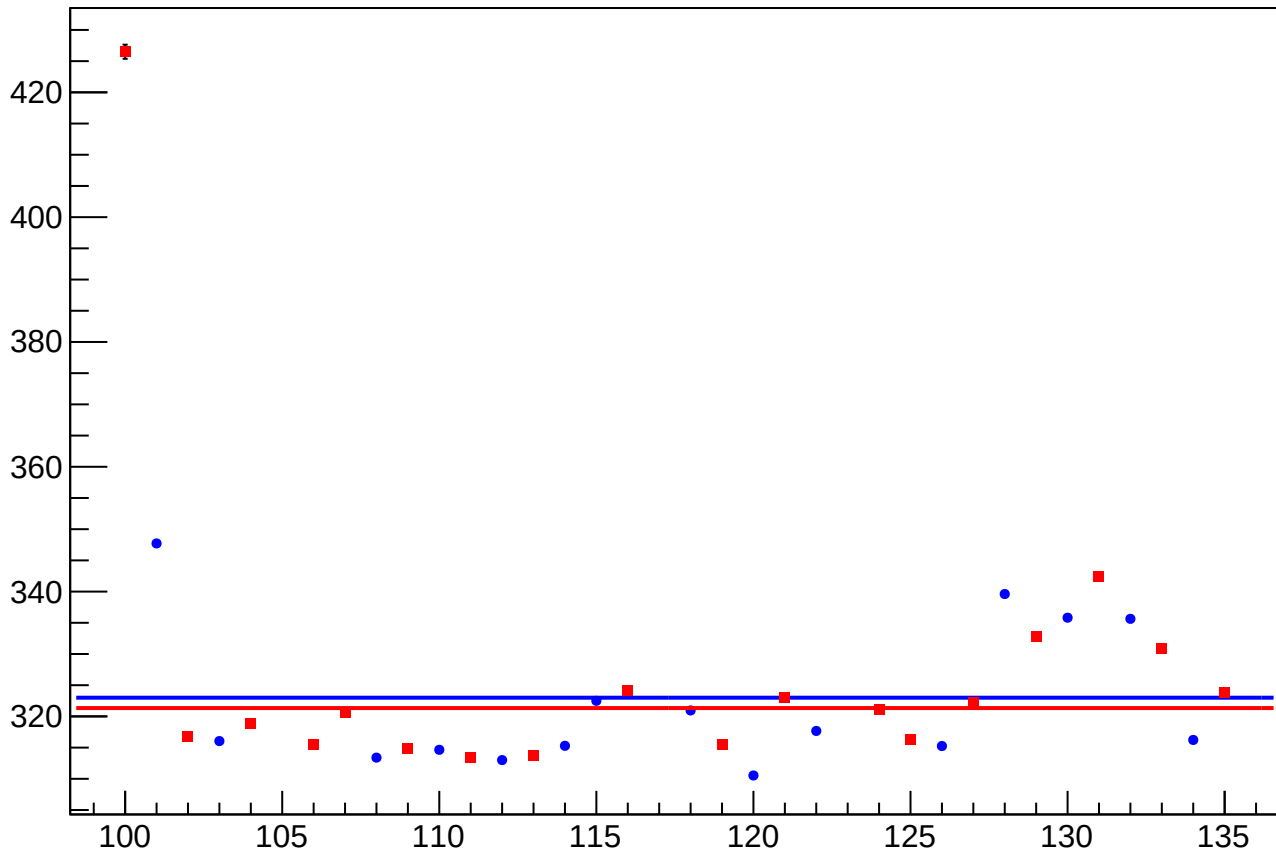
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.032 $\pm$ 0.087 χ^2 /NDF: 33.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eX_4ecX_dd_rms vs Slug



Right In: 322.997 $\pm$ 0.091 χ^2 /NDF: 16704.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 321.337 $\pm$ 0.084 χ^2 /NDF: 16285.5/17

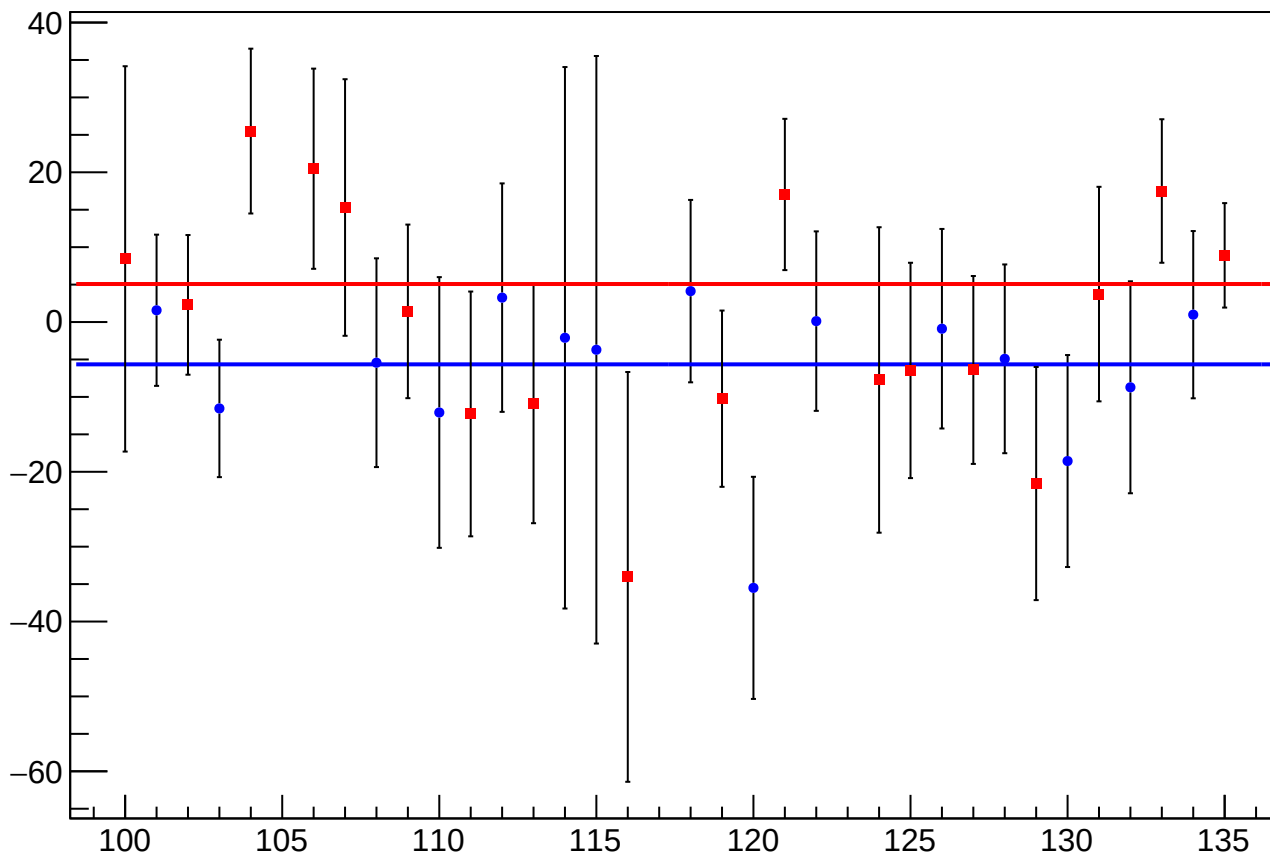
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 322.103 $\pm$ 0.062 χ^2 /NDF: 33168.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_avg_mean vs Slug



Right In: -5.651+/-3.455 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.079+/-2.914 χ^2/NDF : 19.4/17

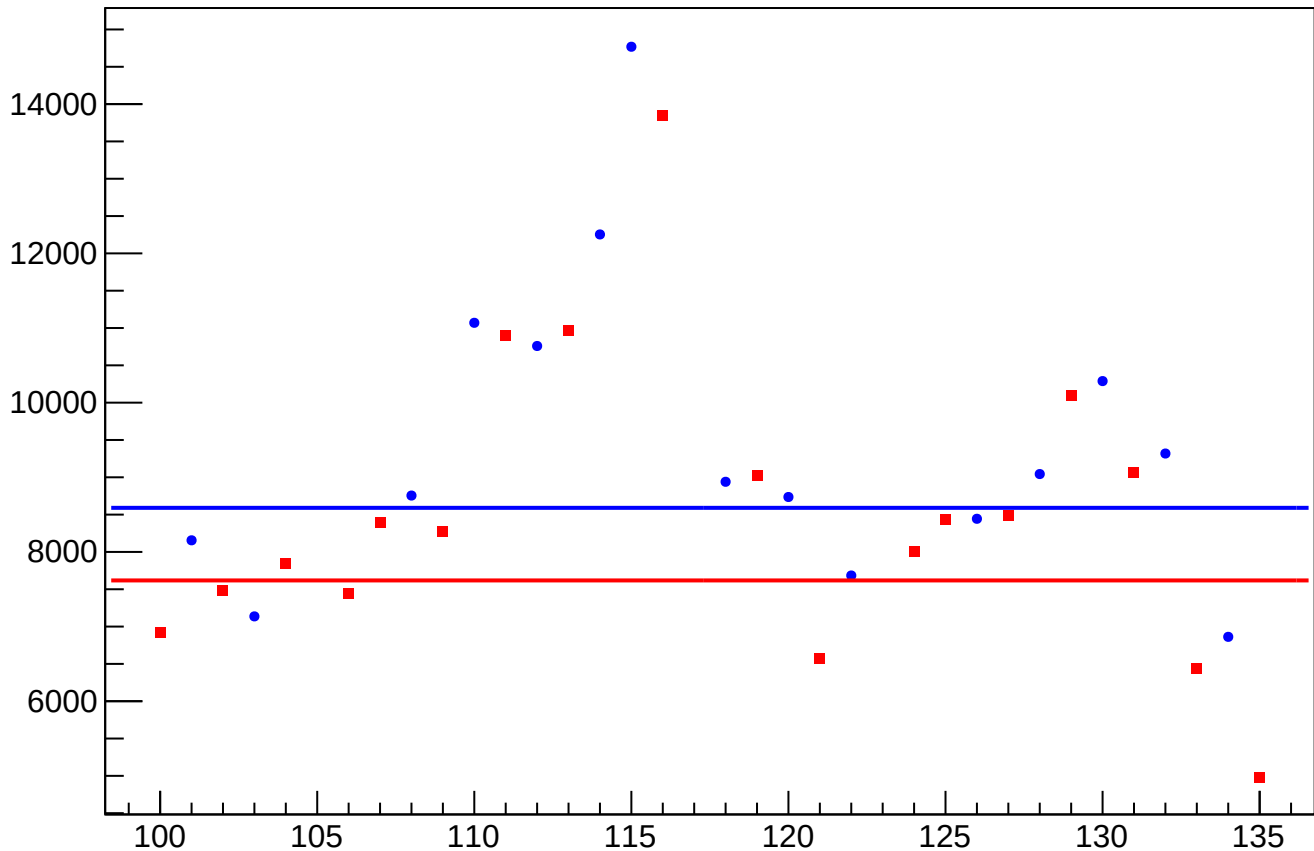
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.619+/-2.228 χ^2/NDF : 32.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4acY_avg_rms vs Slug



Right In: 8590.868 $\pm$ 2.443 χ^2 /NDF: 300401.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7618.221 $\pm$ 2.061 χ^2 /NDF: 740526.8/17

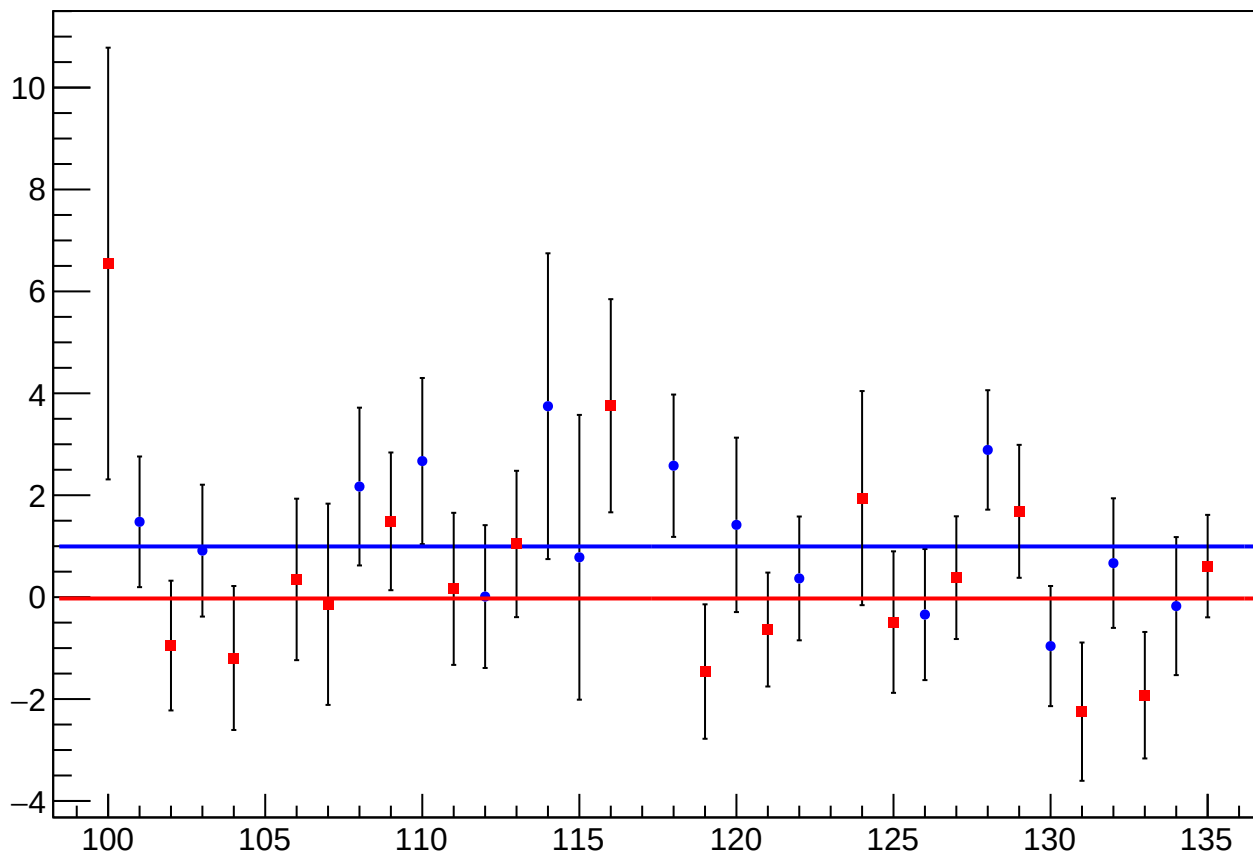
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8022.511 $\pm$ 1.575 χ^2 /NDF: 1133537.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4acY_dd_mean vs Slug



Right In: 0.995 ± 0.365 $\chi^2/\text{NDF}: 12.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.026 ± 0.331 $\chi^2/\text{NDF}: 18.5/17$

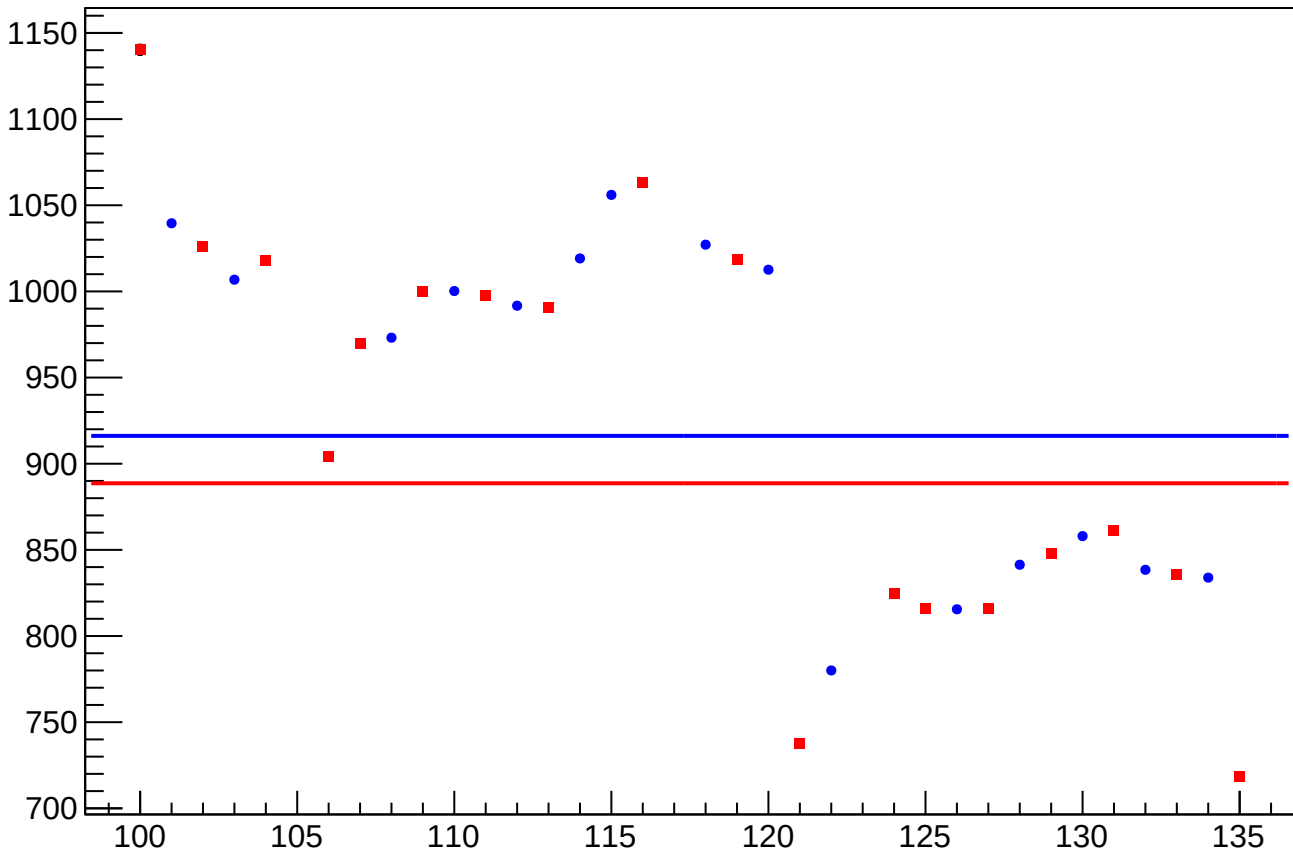
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.434 ± 0.245 $\chi^2/\text{NDF}: 34.8/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm_4aY_4acY_dd_rms vs Slug



Right In: 916.154 $\pm$ 0.258 χ^2 /NDF: 133745.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

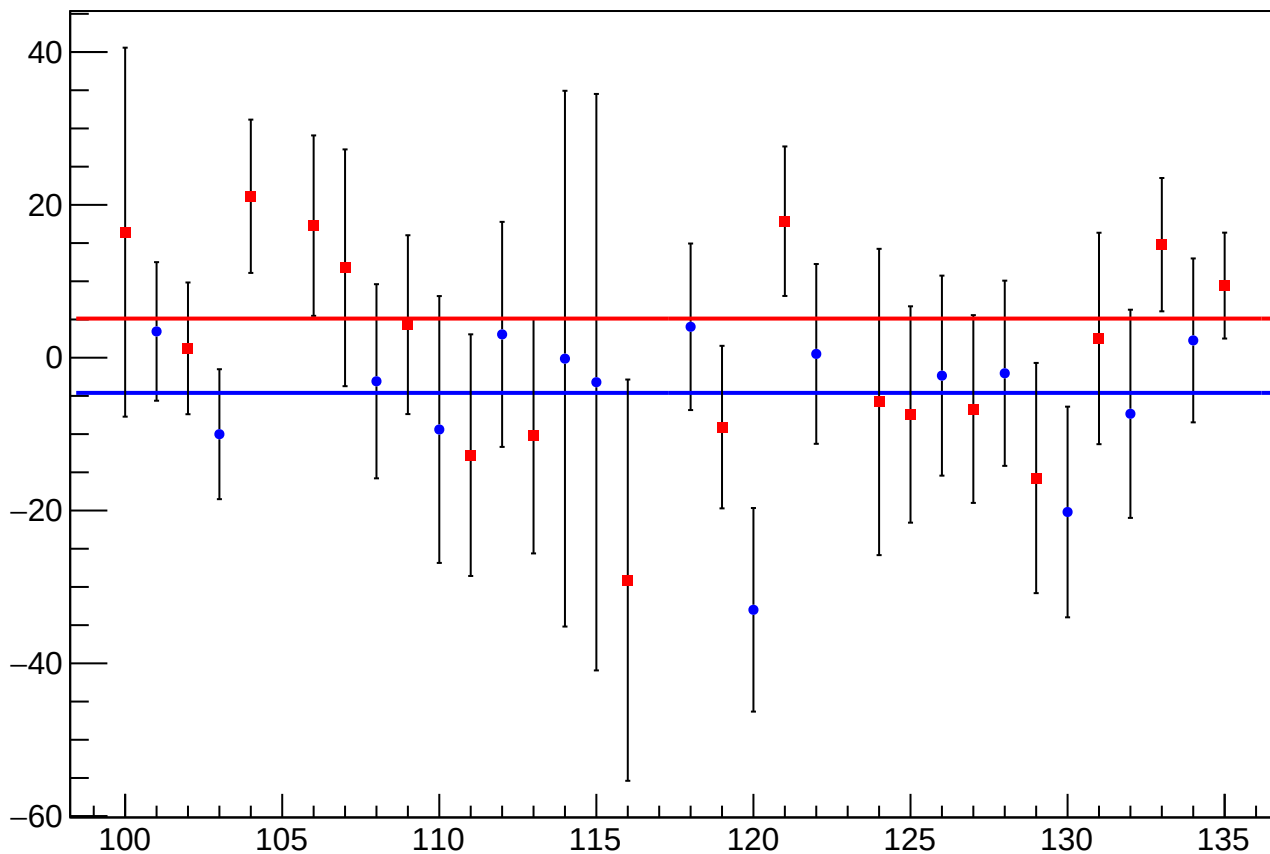
Right Out: 888.659 $\pm$ 0.234 χ^2 /NDF: 233400.5/17

All: 901.063 $\pm$ 0.173 χ^2 /NDF: 373365.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4eY_avg_mean vs Slug



Right In: -4.605 ± 3.247 χ^2/NDF : 8.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.120 ± 2.769 χ^2/NDF : 17.3/17

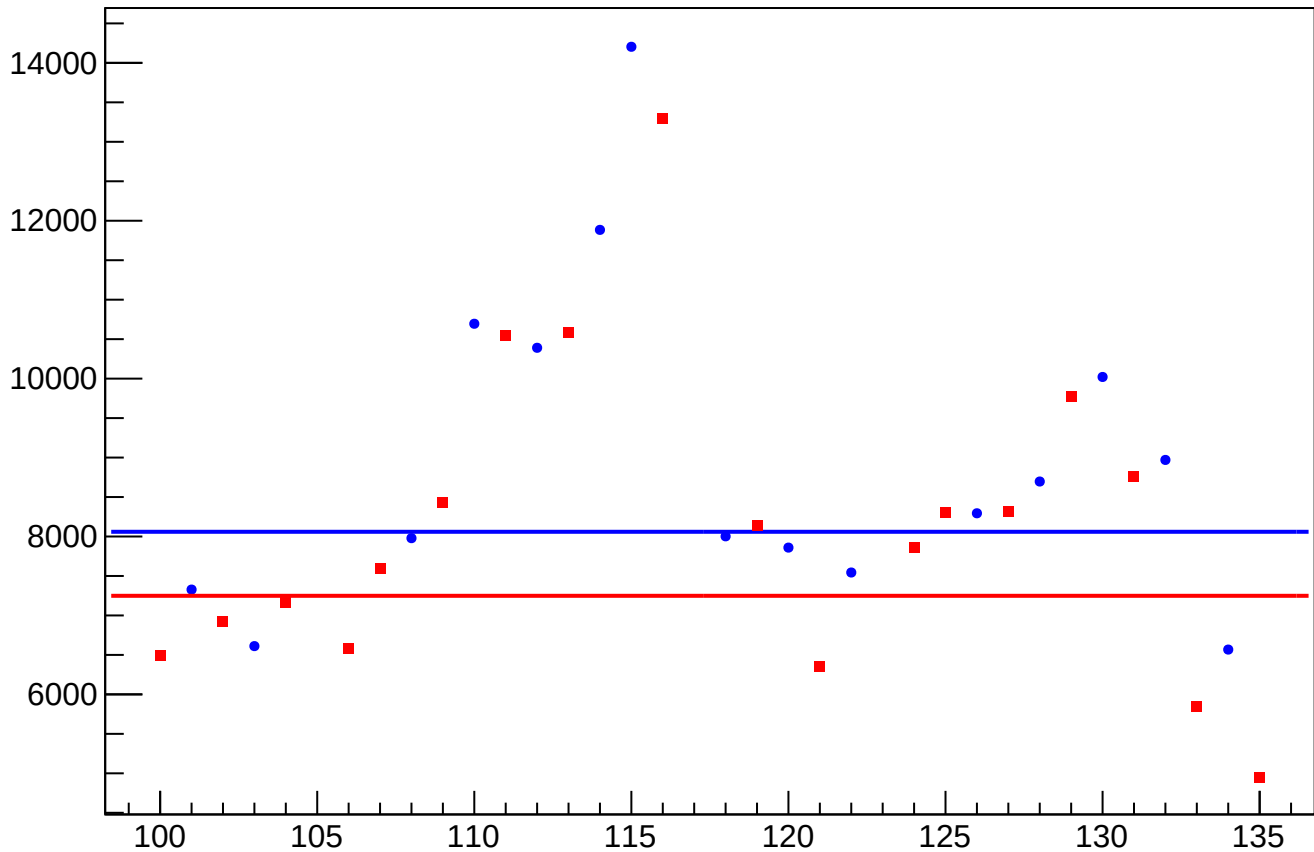
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.025 ± 2.107 χ^2/NDF : 31.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_avg_rms vs Slug



Right In: 8059.823+/-2.296 χ^2/NDF : 342337.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 7248.806+/-1.958 χ^2/NDF : 730614.9/17

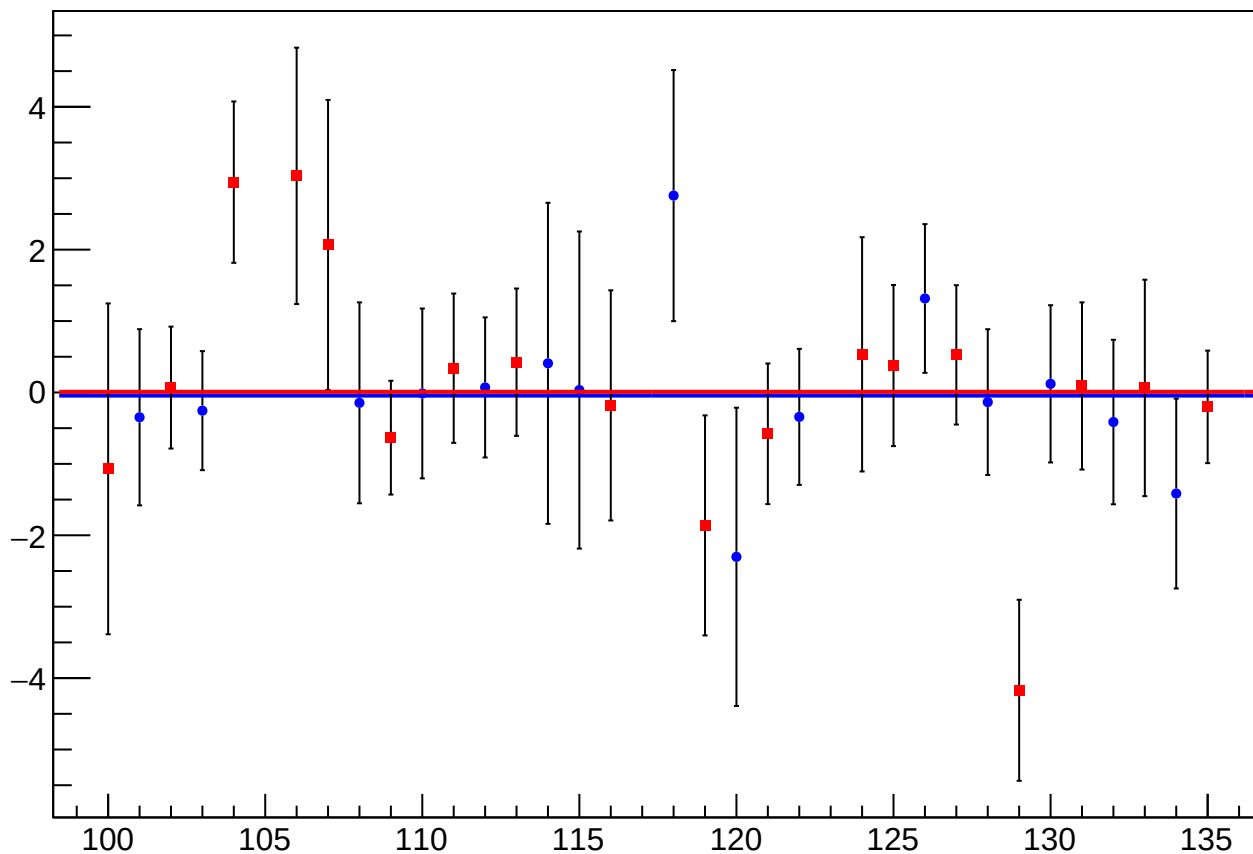
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7590.331+/-1.490 χ^2/NDF : 1145201.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_mean vs Slug



Right In: -0.044 ± 0.310 χ^2/NDF : 6.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.009 ± 0.269 χ^2/NDF : 25.0/17

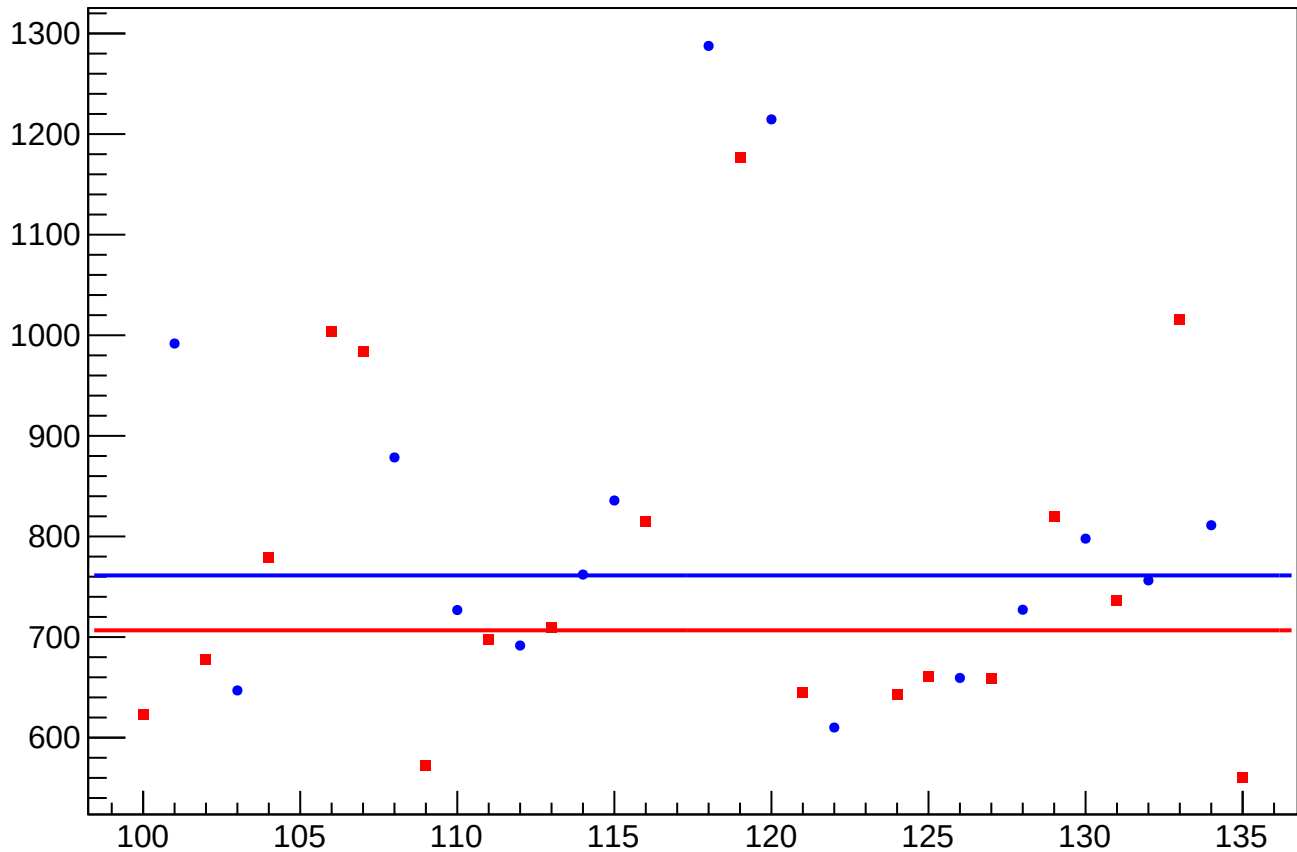
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.014 ± 0.203 χ^2/NDF : 31.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4eY_dd_rms vs Slug



Right In: 761.276 $\pm$ 0.219 χ^2 /NDF: 485667.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 706.682 $\pm$ 0.191 χ^2 /NDF: 545005.4/17

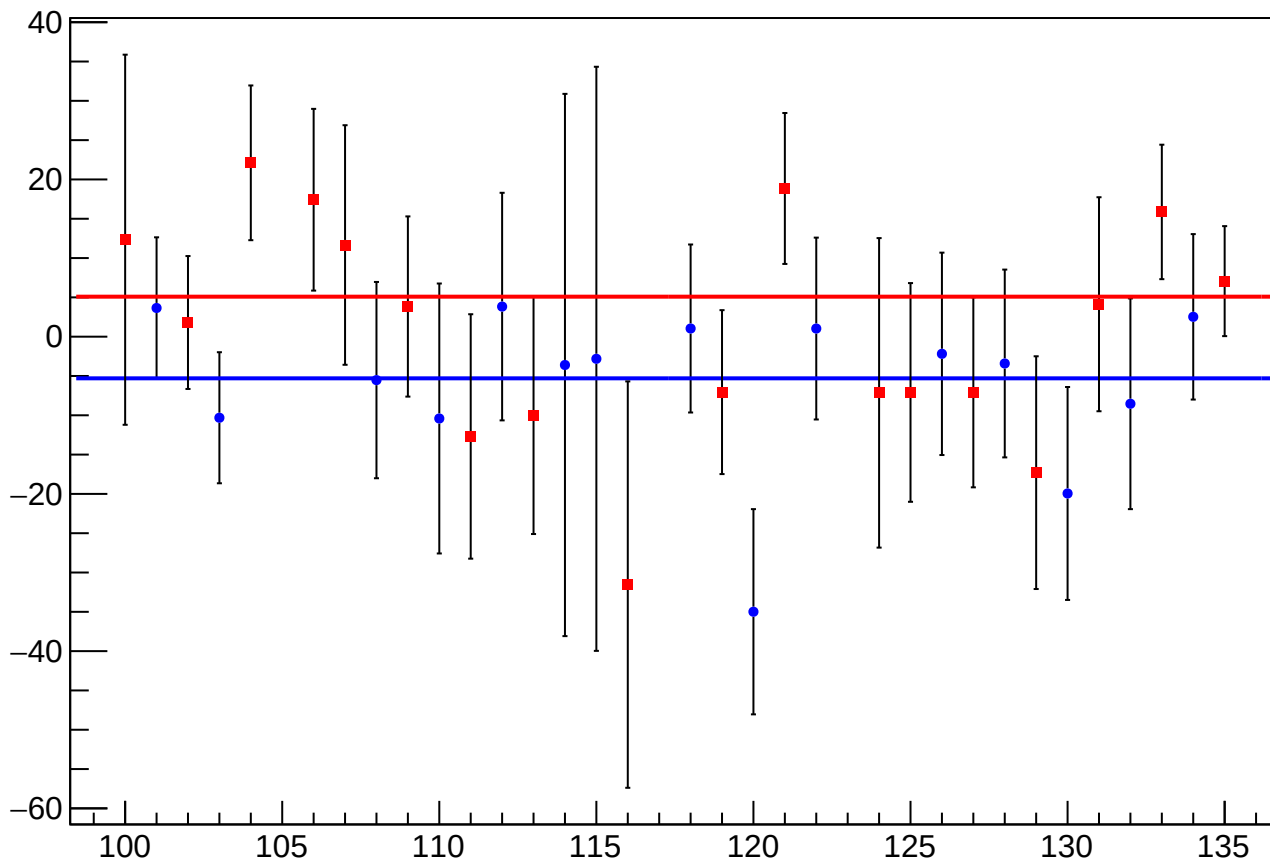
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 730.214 $\pm$ 0.144 χ^2 /NDF: 1066049.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_avg_mean vs Slug



Right In: -5.299+/-3.193 χ^2/NDF : 9.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.088+/-2.729 χ^2/NDF : 18.4/17

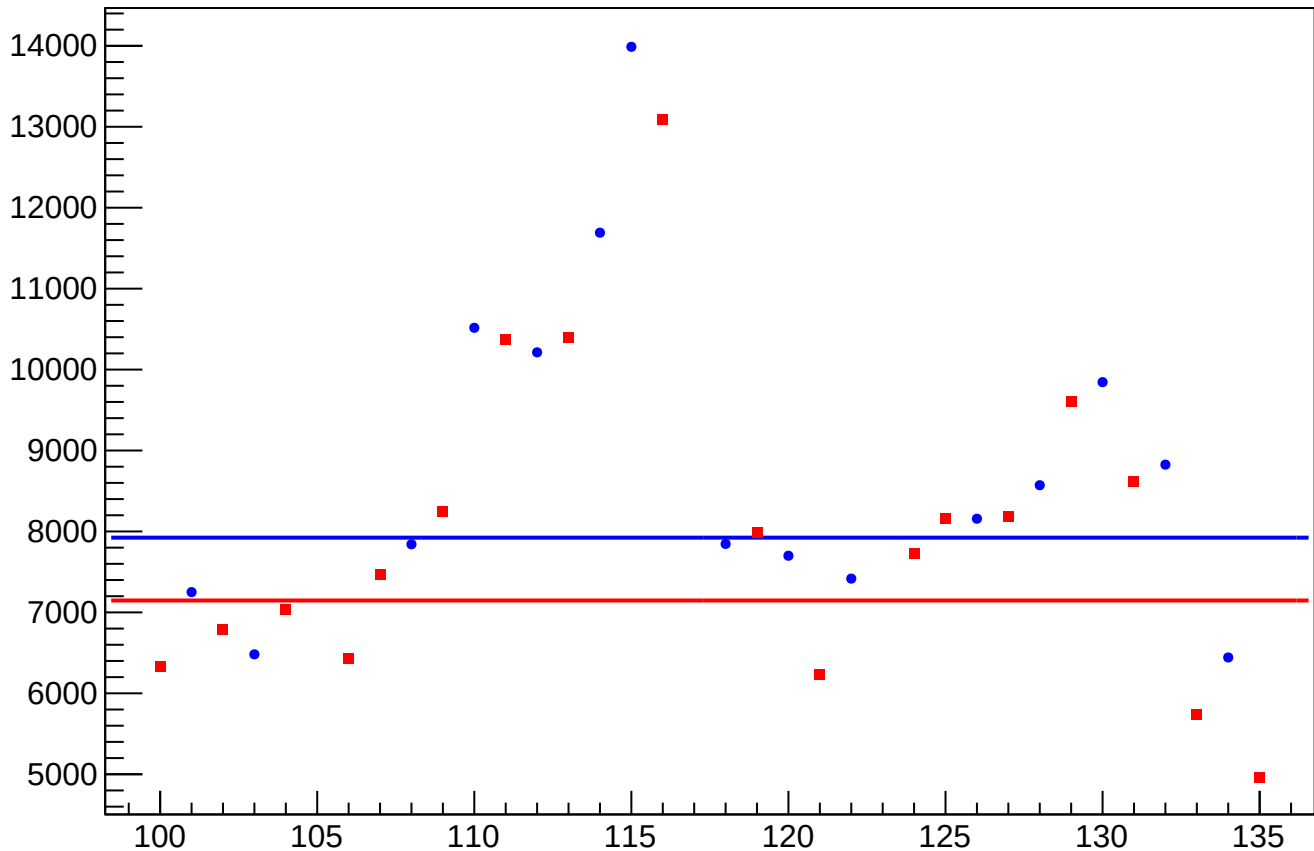
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.702+/-2.075 χ^2/NDF : 34.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_avg_rms vs Slug



Right In: 7923.449 $\pm$ 2.258 χ^2 /NDF: 343906.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7147.080 $\pm$ 1.930 χ^2 /NDF: 703509.8/17

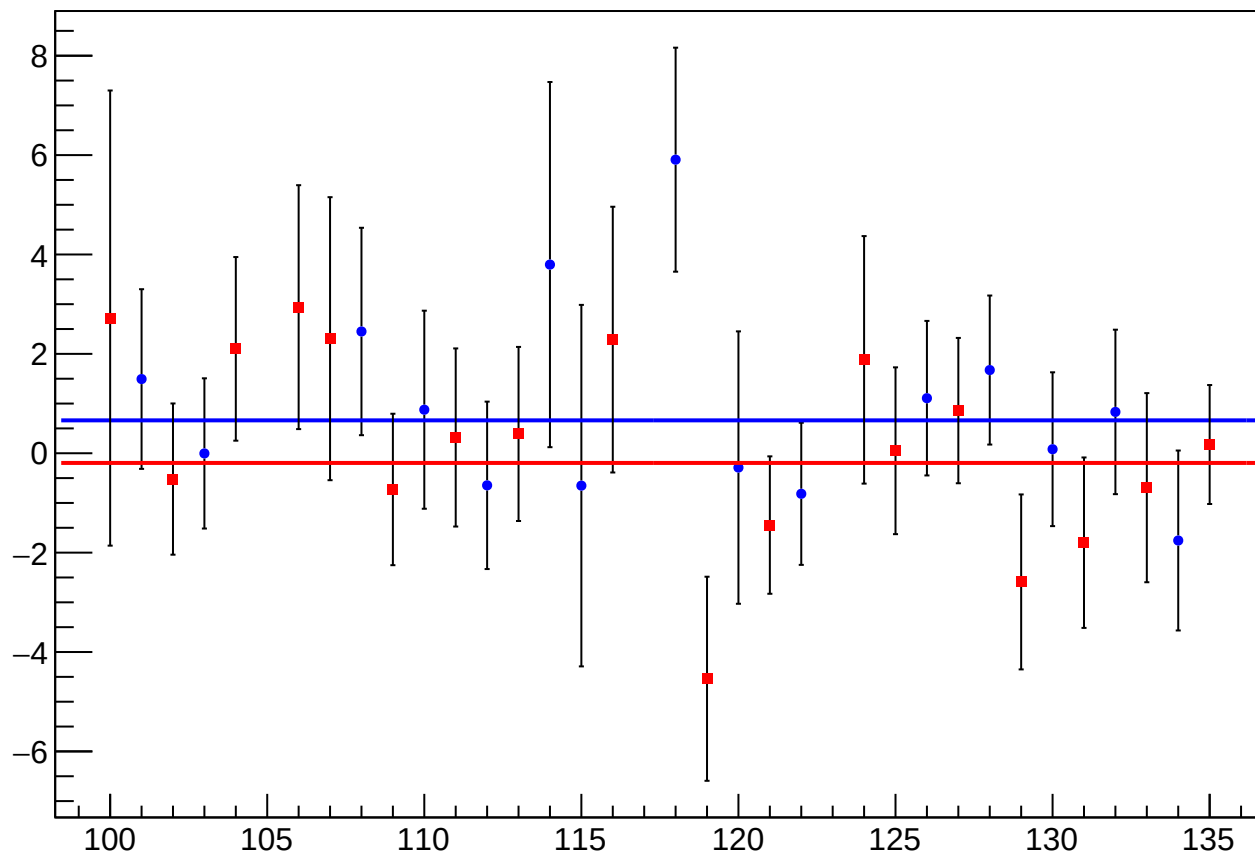
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7474.903 $\pm$ 1.467 χ^2 /NDF: 1115745.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4aY_4ecY_dd_mean vs Slug



Right In: 0.662 ± 0.472 χ^2/NDF : 11.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.195 ± 0.421 χ^2/NDF : 15.0/17

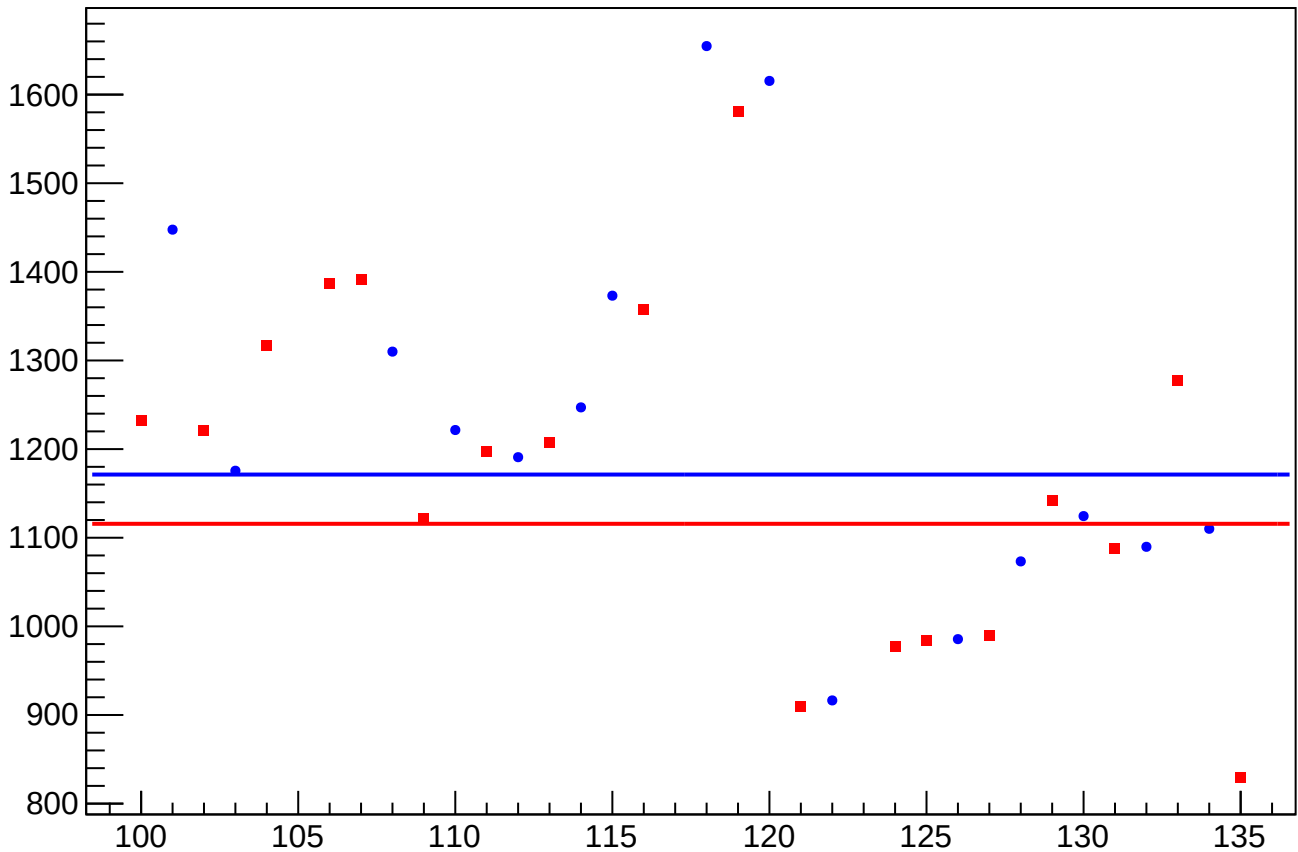
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.185 ± 0.314 χ^2/NDF : 28.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4aY_4ecY_dd_rms vs Slug



Right In: 1171.294 $\pm$ 0.334 χ^2 /NDF: 318179.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

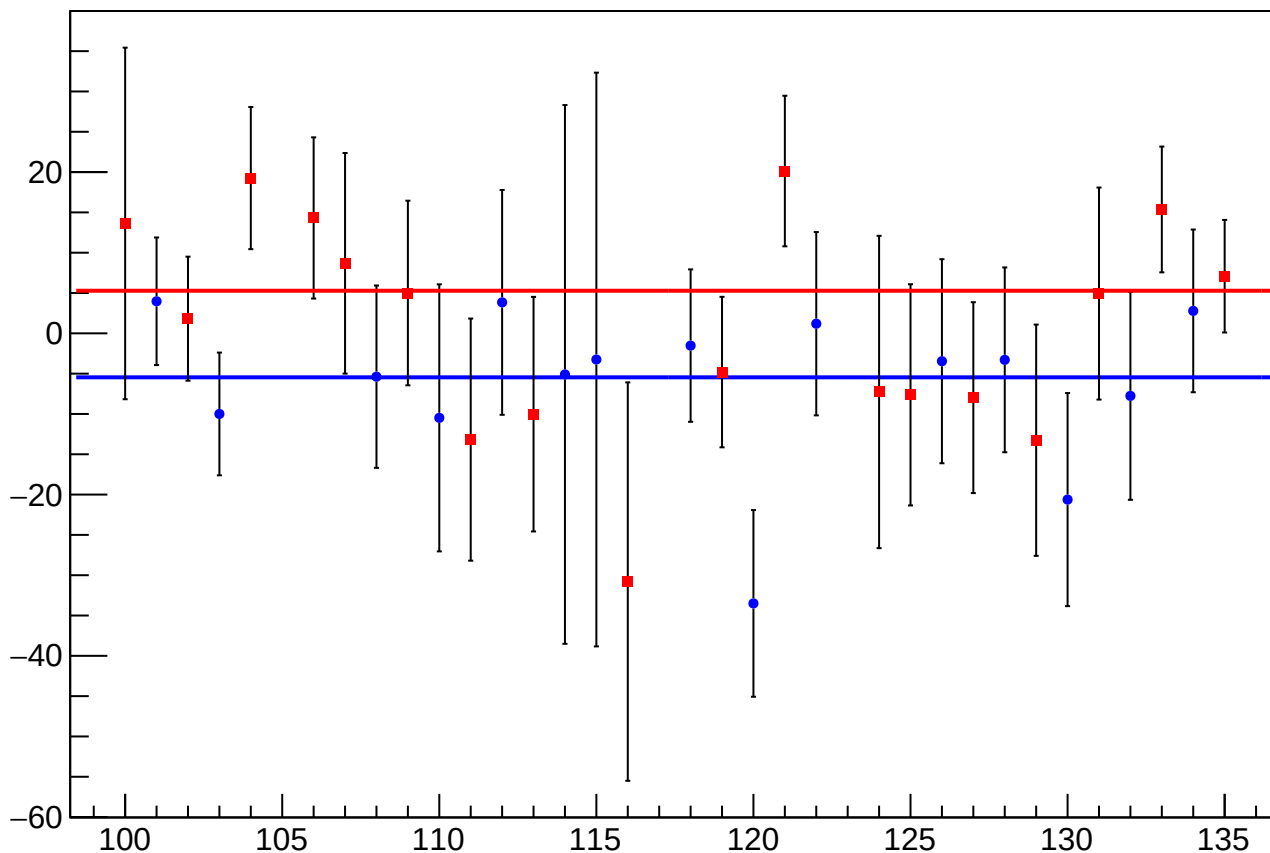
Right Out: 1115.717 $\pm$ 0.297 χ^2 /NDF: 413914.1/17

All: 1140.332 $\pm$ 0.222 χ^2 /NDF: 747551.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm_4eY_4ecY_avg_mean vs Slug



Right In: -5.457 ± 2.970 χ^2/NDF : 10.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.284 ± 2.571 χ^2/NDF : 18.2/17

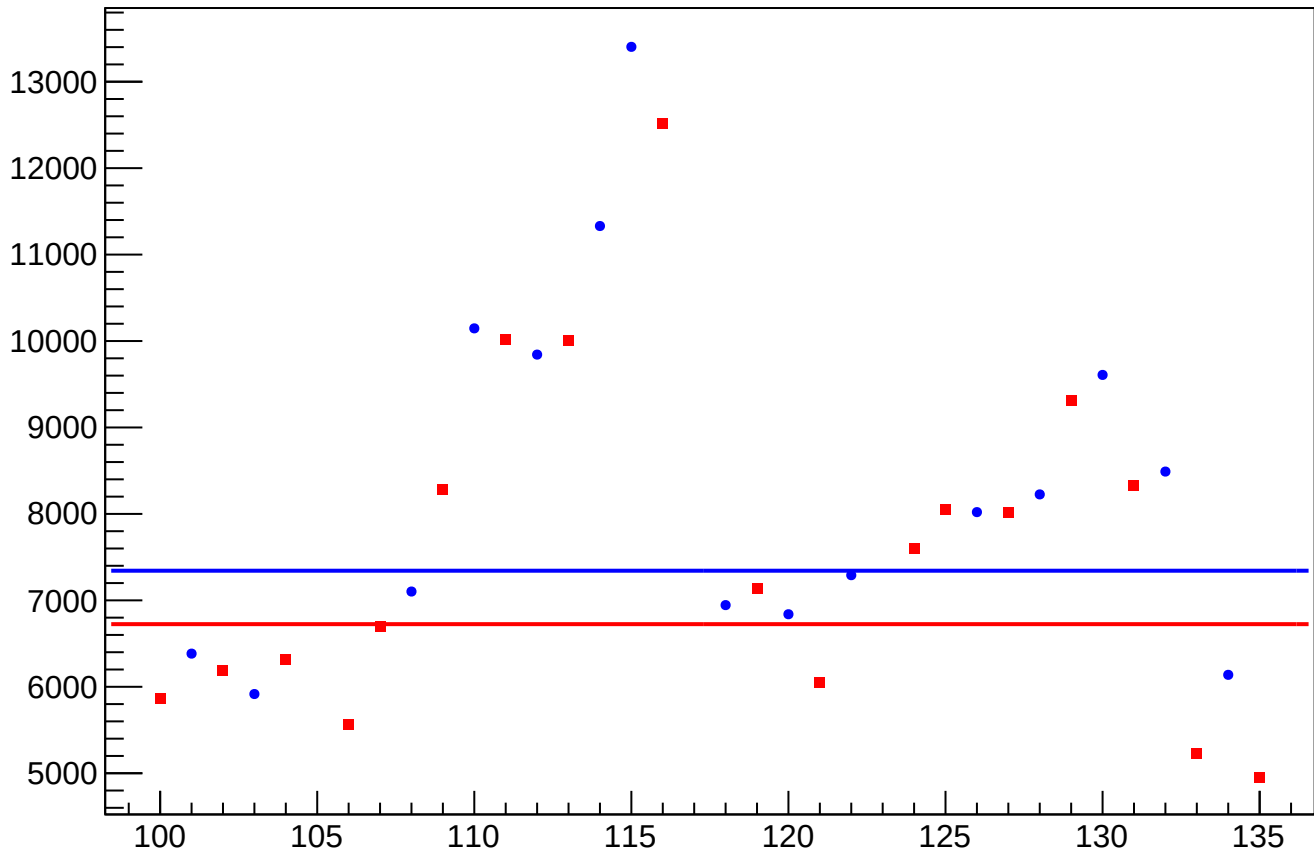
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.684 ± 1.944 χ^2/NDF : 36.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_avg_rms vs Slug



Right In: 7342.936+/-2.100 χ^2/NDF : 436737.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6724.750+/-1.818 χ^2/NDF : 748133.6/17

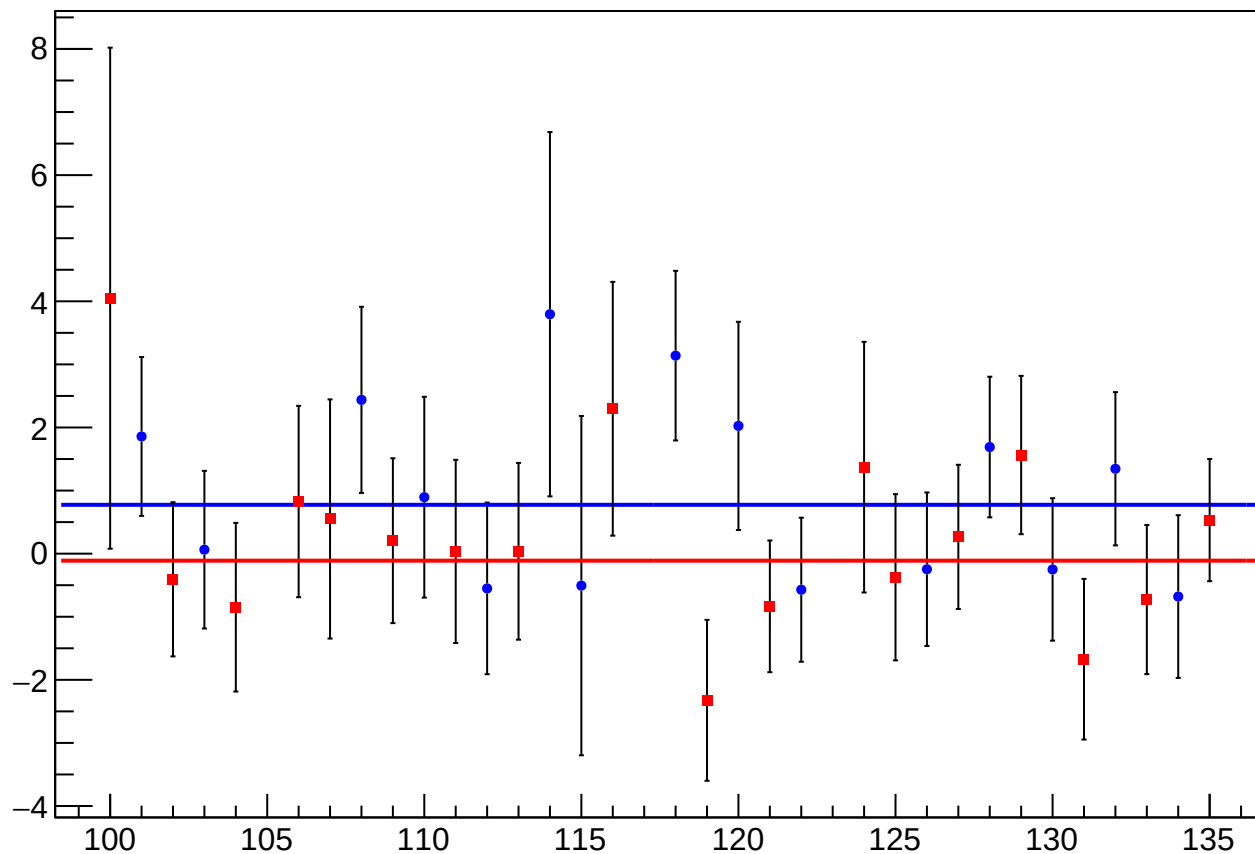
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6989.481+/-1.375 χ^2/NDF : 1234399.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_mean vs Slug



Right In: 0.774 ± 0.350 χ^2/NDF : 13.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.111 ± 0.316 χ^2/NDF : 11.7/17

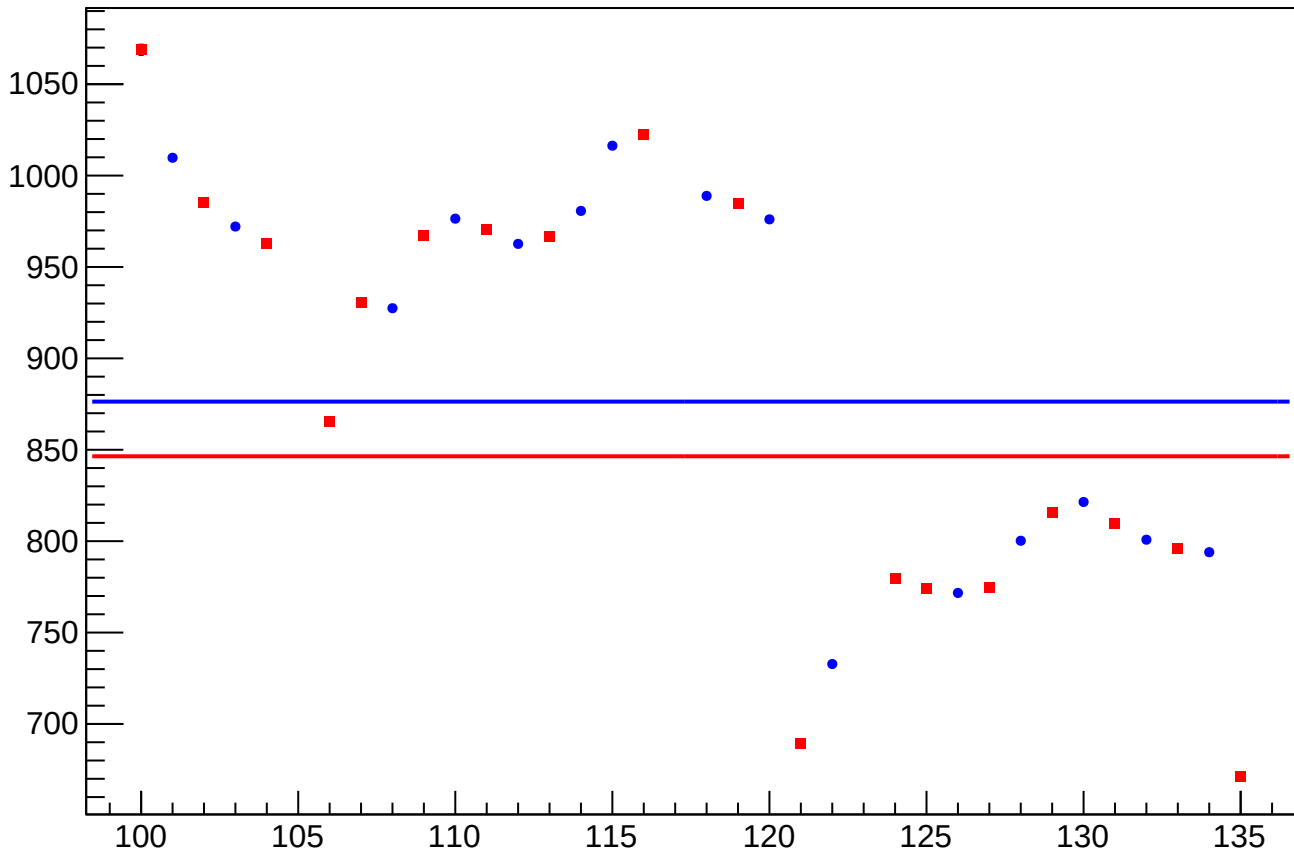
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.287 ± 0.235 χ^2/NDF : 28.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm_4eY_4ecY_dd_rms vs Slug



Right In: 876.345 $\pm$ 0.248 χ^2 /NDF: 158275.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 846.430 $\pm$ 0.224 χ^2 /NDF: 270534.2/17

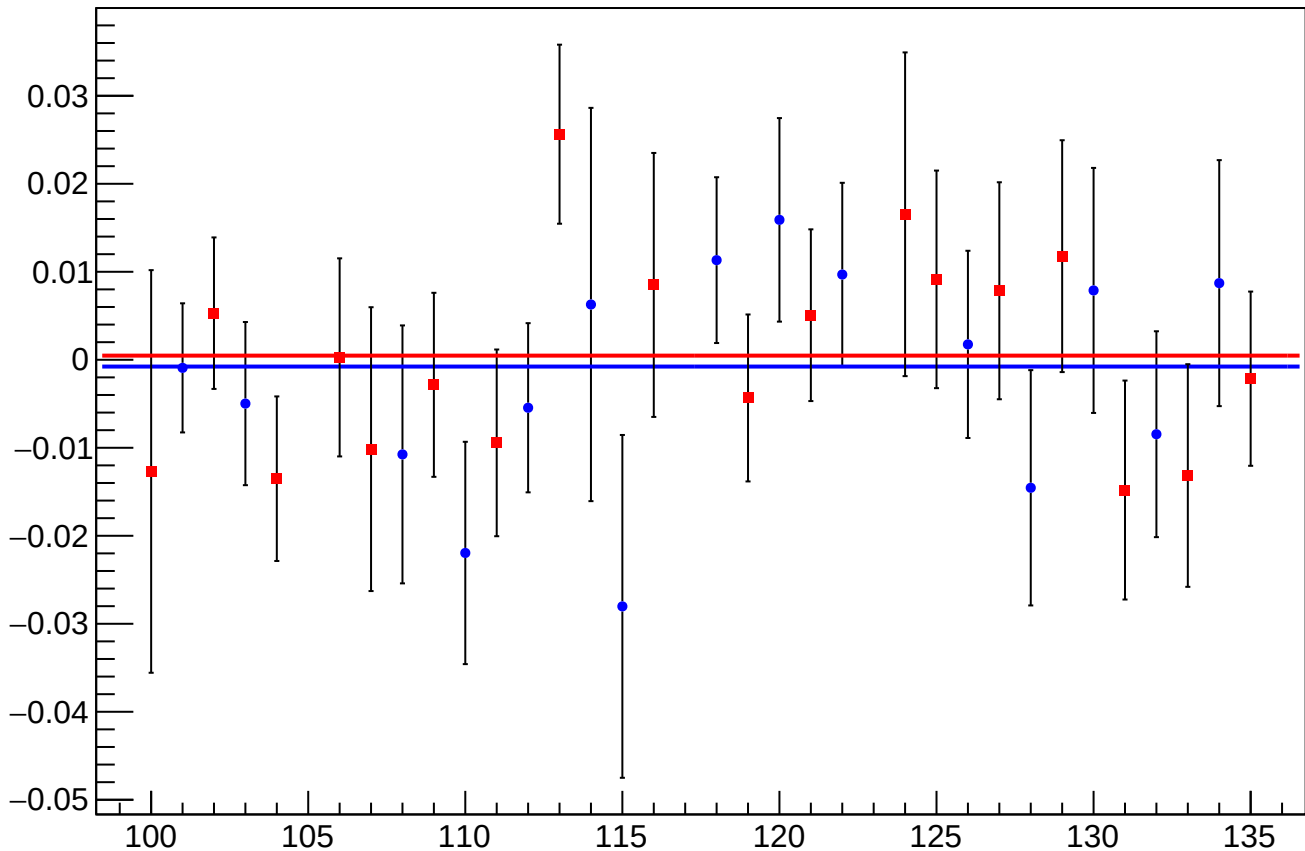
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 859.880 $\pm$ 0.166 χ^2 /NDF: 436844.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_mean vs Slug



Right In: -0.001 $\pm$ 0.003 χ^2 /NDF: 12.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.003 χ^2 /NDF: 16.3/17

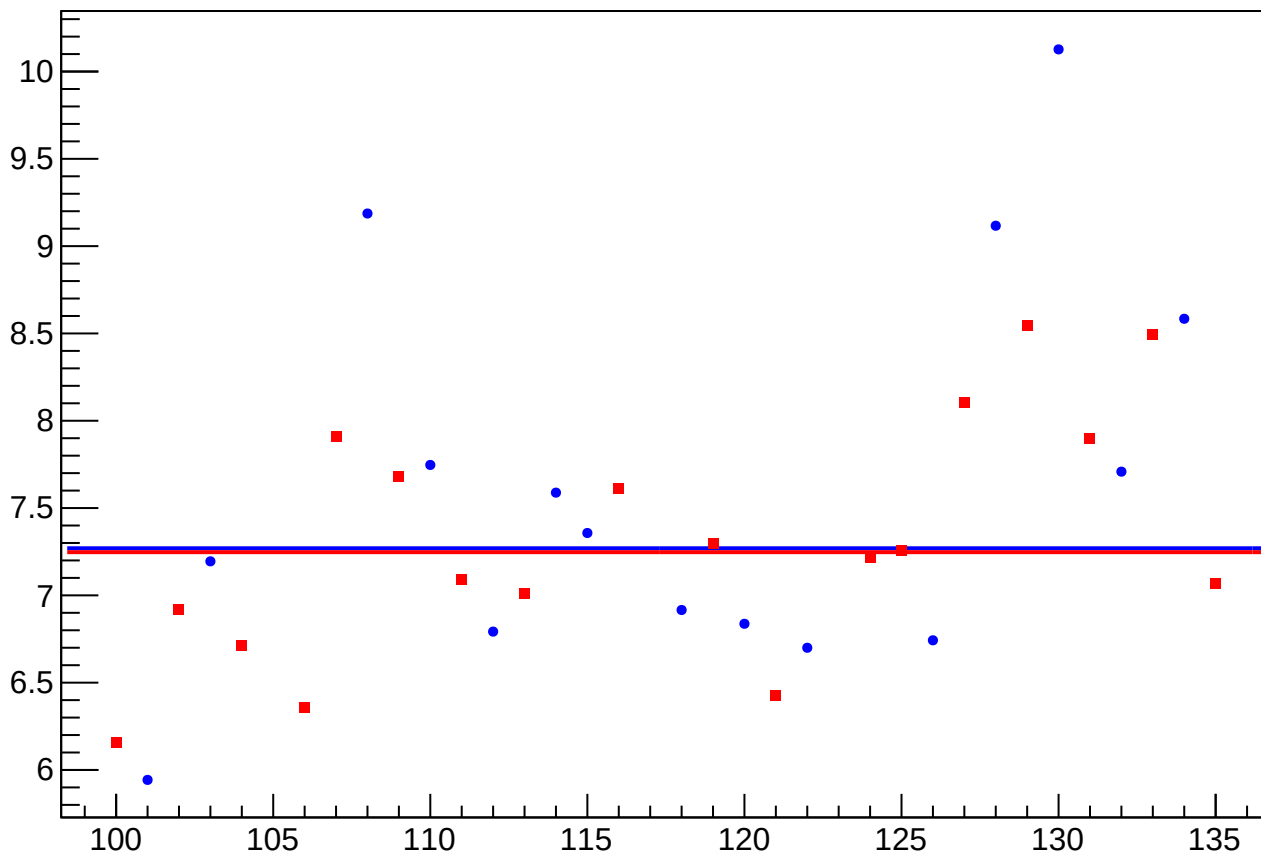
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.002 χ^2 /NDF: 29.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_dispE_bpm12X_rms vs Slug



Right In: 7.270 $\pm$ 0.002 χ^2 /NDF: 267366.1/14

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

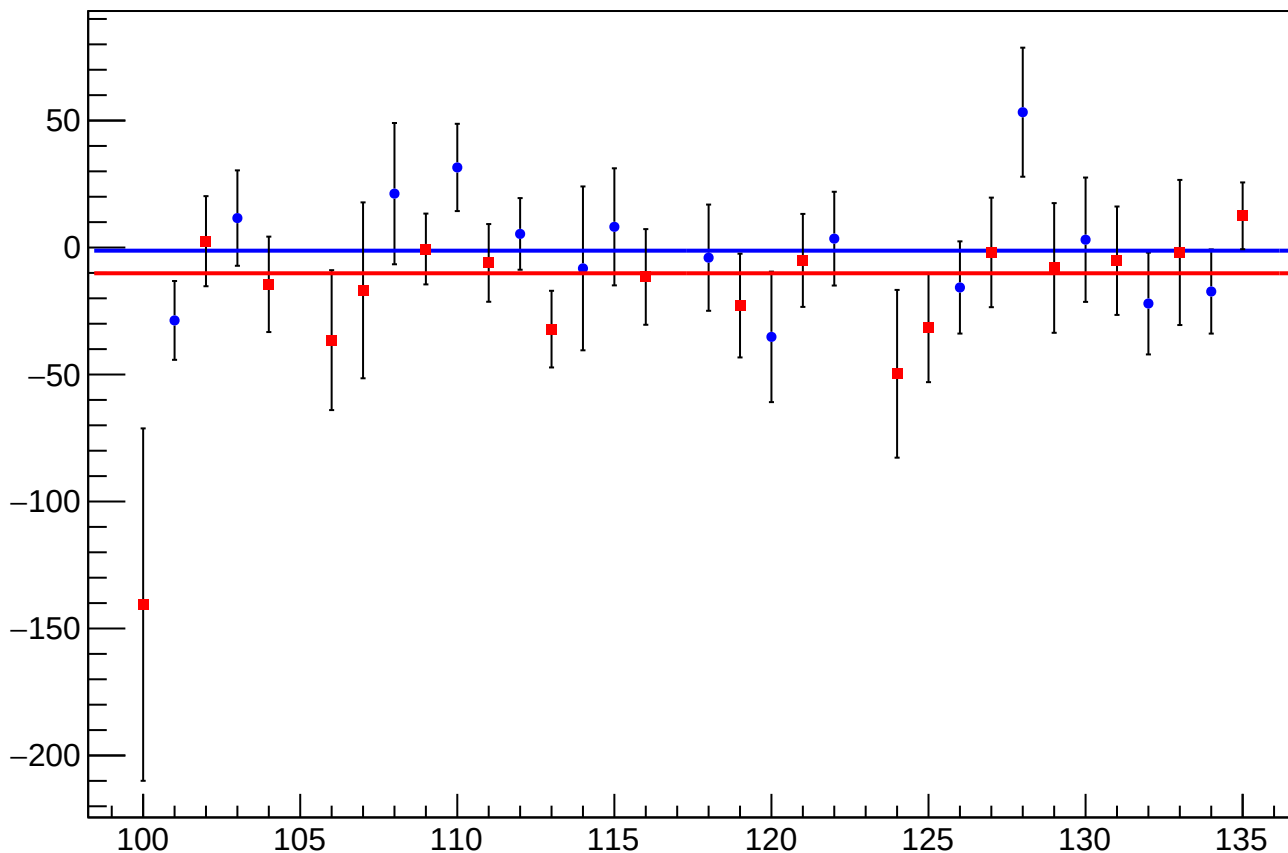
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.258 $\pm$ 0.001 χ^2 /NDF: 372193.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_positionX_mean vs Slug



Right In: -1.234+/-5.086 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.133+/-4.643 χ^2/NDF : 13.9/17

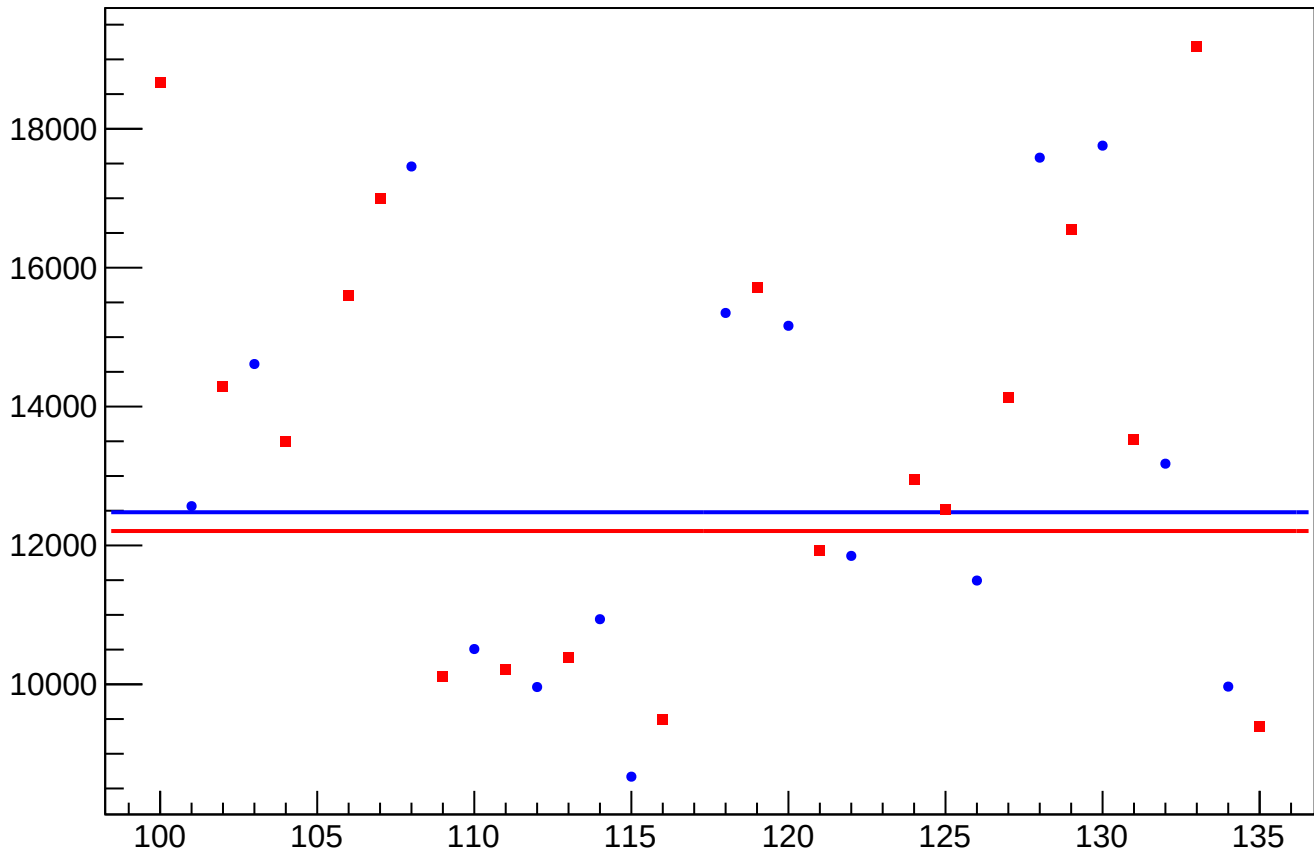
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.088+/-3.429 χ^2/NDF : 33.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionX_rms vs Slug



Right In: 12478.251+/-3.597 χ^2/NDF : 528986.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

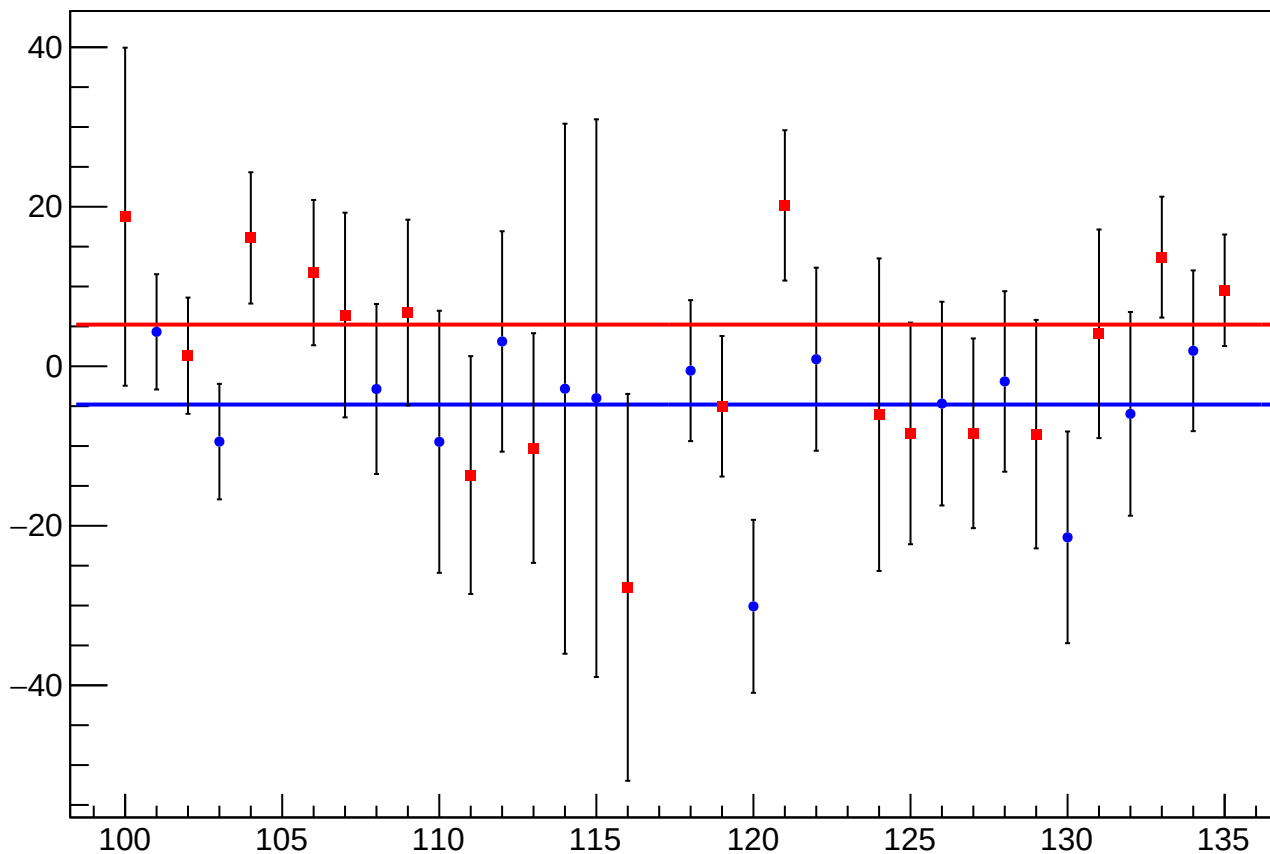
Right Out: 12207.718+/-3.283 χ^2/NDF : 626447.1/17

All: 12330.690+/-2.425 χ^2/NDF : 1158519.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_mean vs Slug



Right In: -4.798 ± 2.861 χ^2/NDF : 10.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.224 ± 2.501 χ^2/NDF : 16.6/17

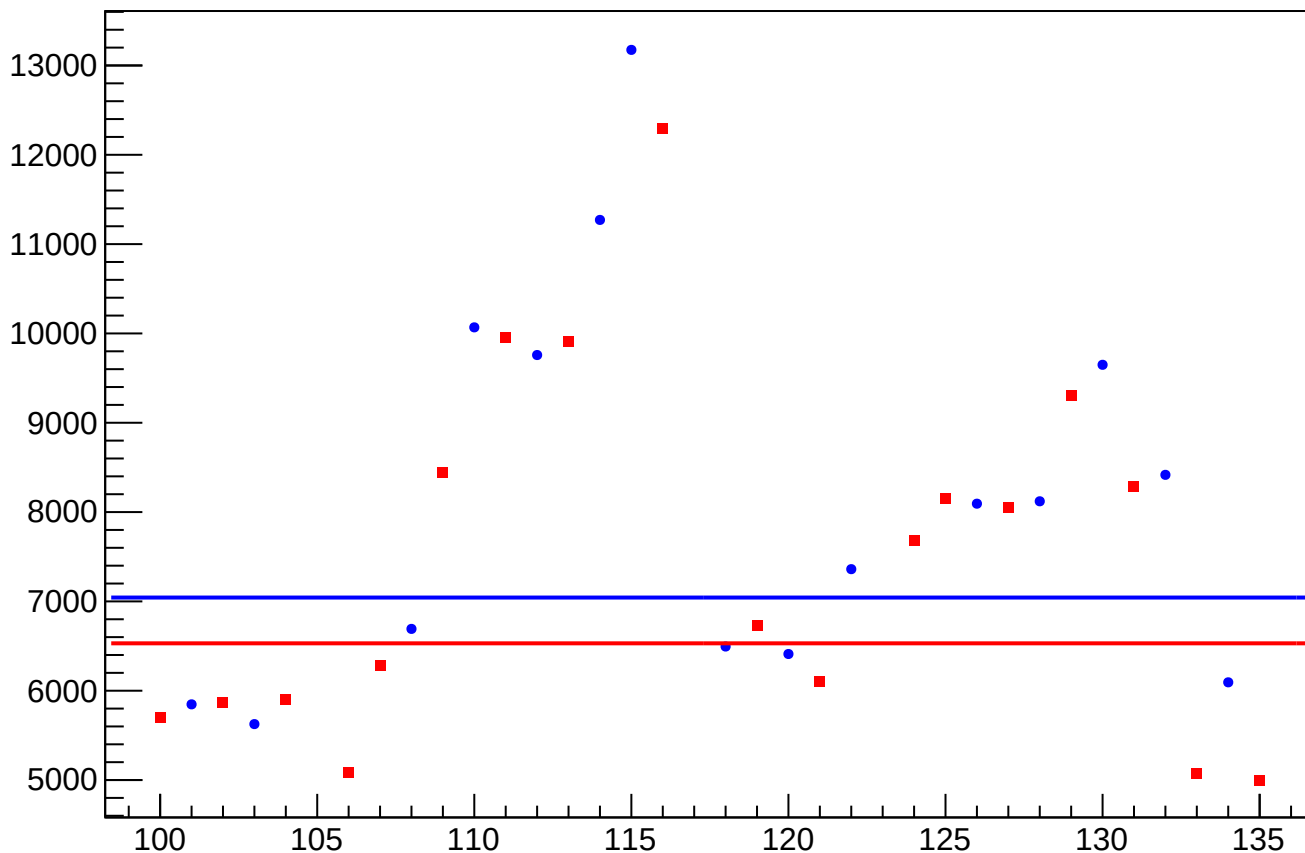
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.883 ± 1.883 χ^2/NDF : 34.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_targ_positionY_rms vs Slug



Right In: 7043.141+/-2.023 χ^2/NDF : 538107.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6530.619+/-1.768 χ^2/NDF : 818687.1/17

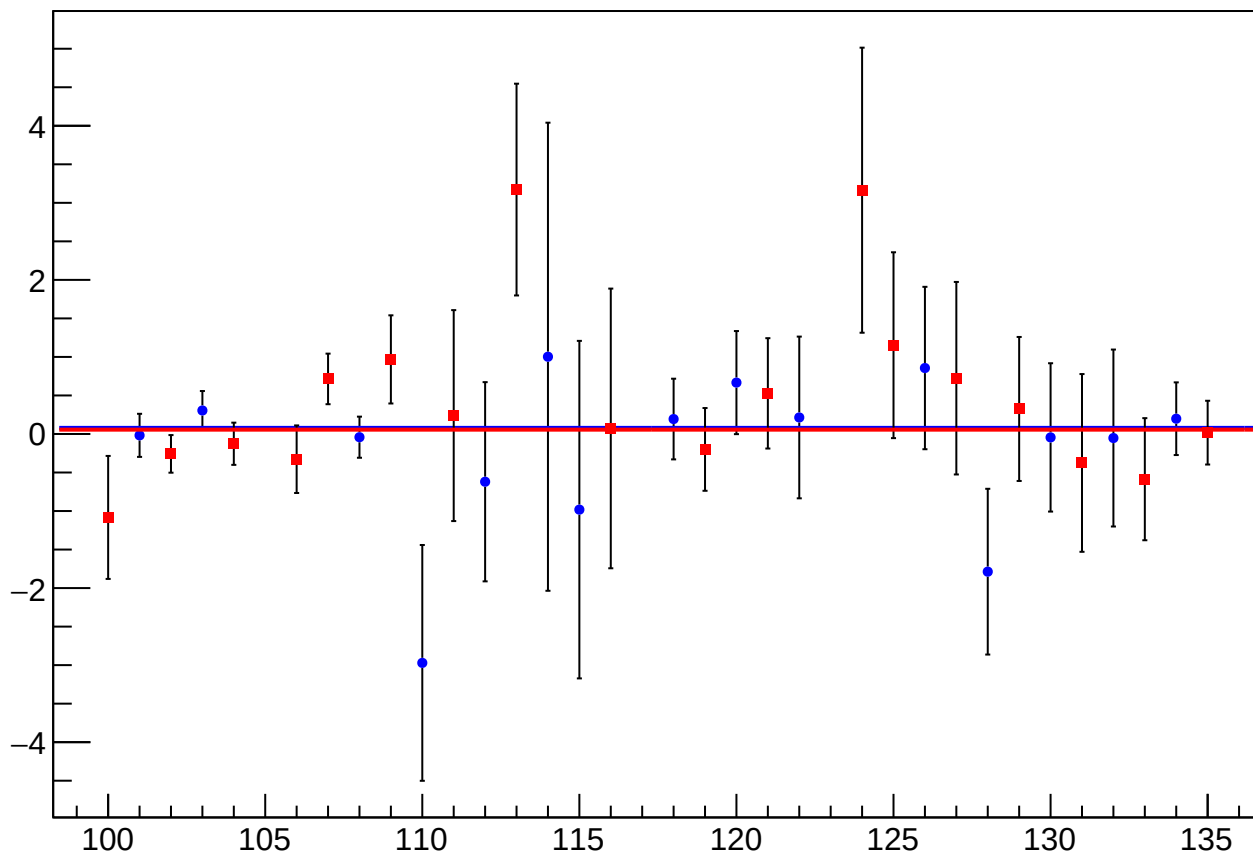
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6752.598+/-1.331 χ^2/NDF : 1393184.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_targ_thetaX_mean vs Slug



Right In: 0.079 $\pm$ 0.130 χ^2 /NDF: 10.2/14

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

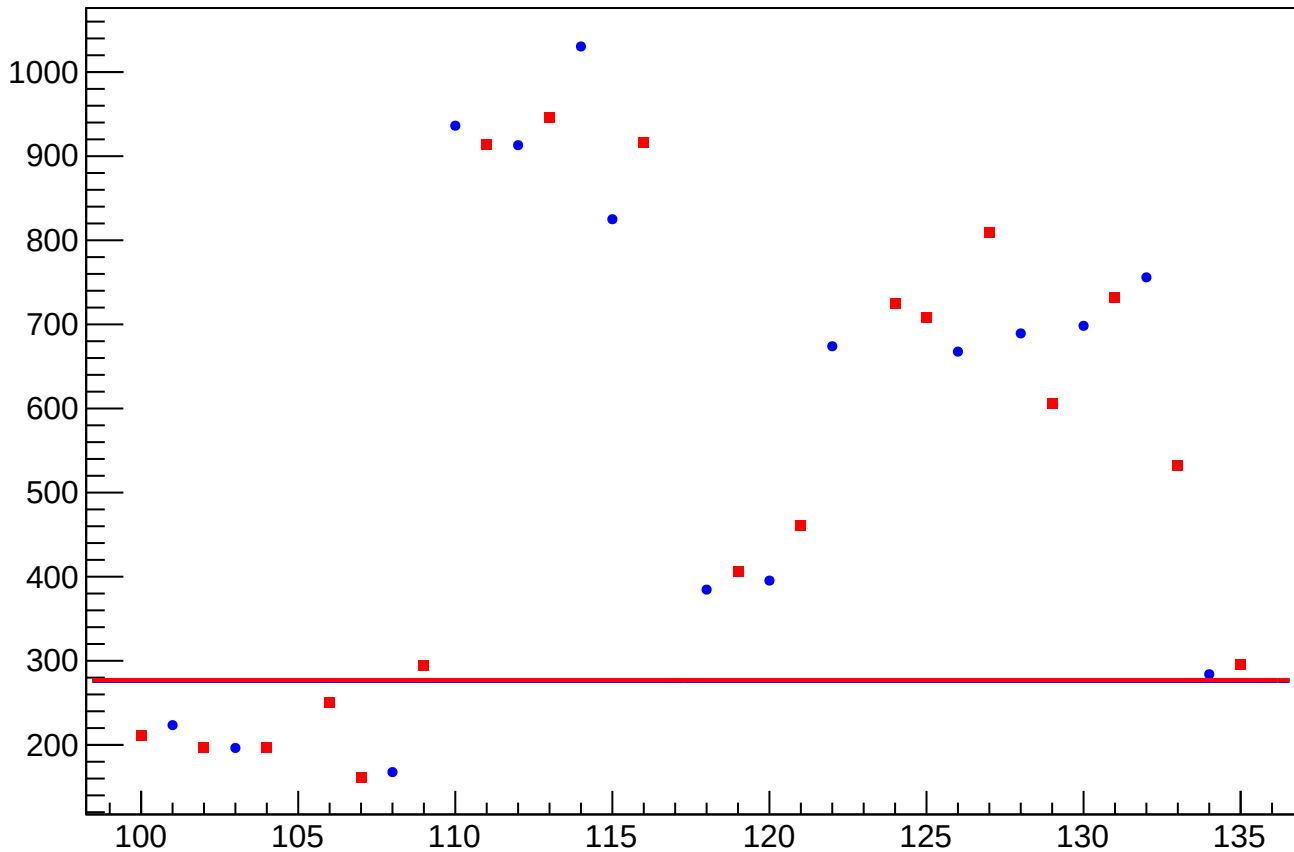
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.067 $\pm$ 0.089 χ^2 /NDF: 32.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaX_rms vs Slug



Right In: 276.119 $\pm$ 0.092 χ^2 /NDF: 3449940.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 277.266 $\pm$ 0.086 χ^2 /NDF: 3571094.1/17

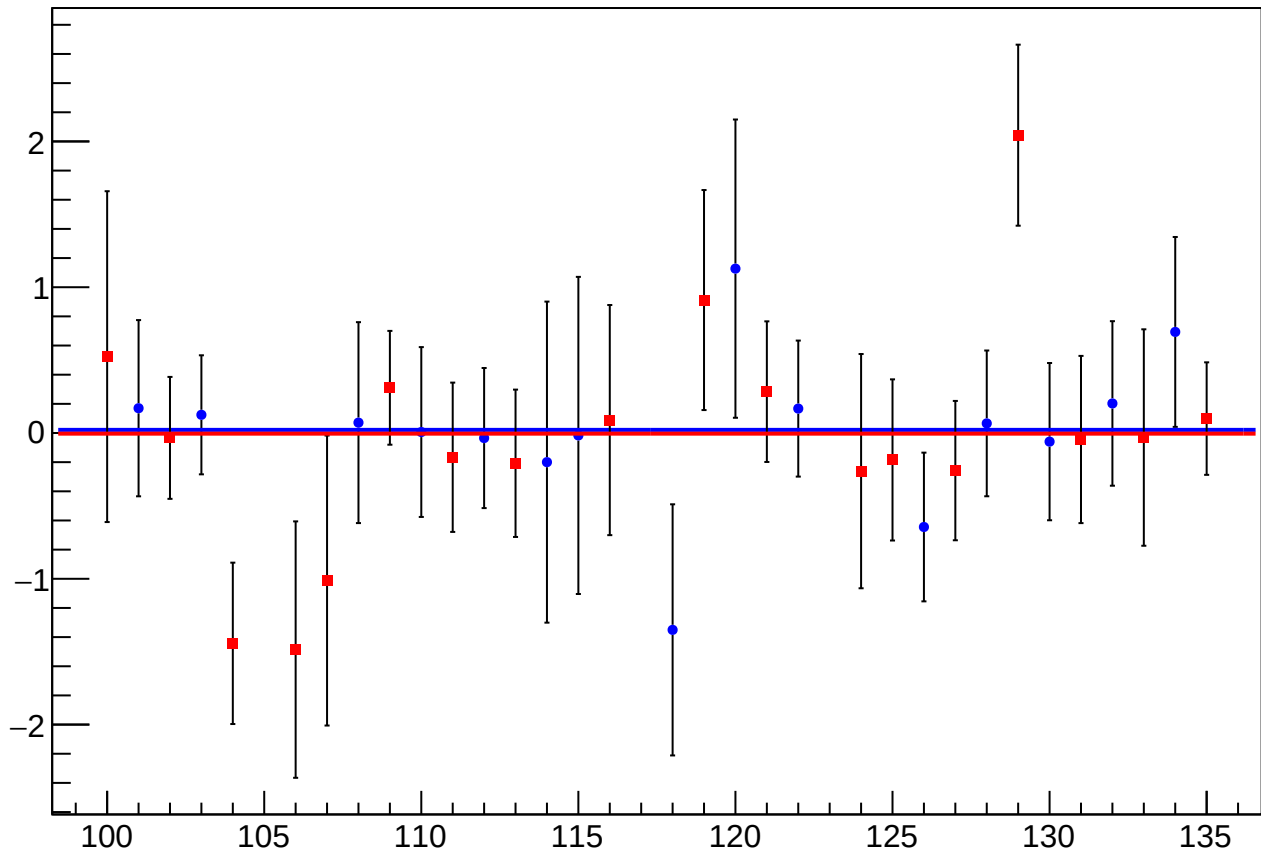
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 276.730 $\pm$ 0.063 χ^2 /NDF: 7021116.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_targ_thetaY_mean vs Slug



Right In: 0.022 +/- 0.152 χ^2/NDF : 6.9/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 +/- 0.132 χ^2/NDF : 25.0/17

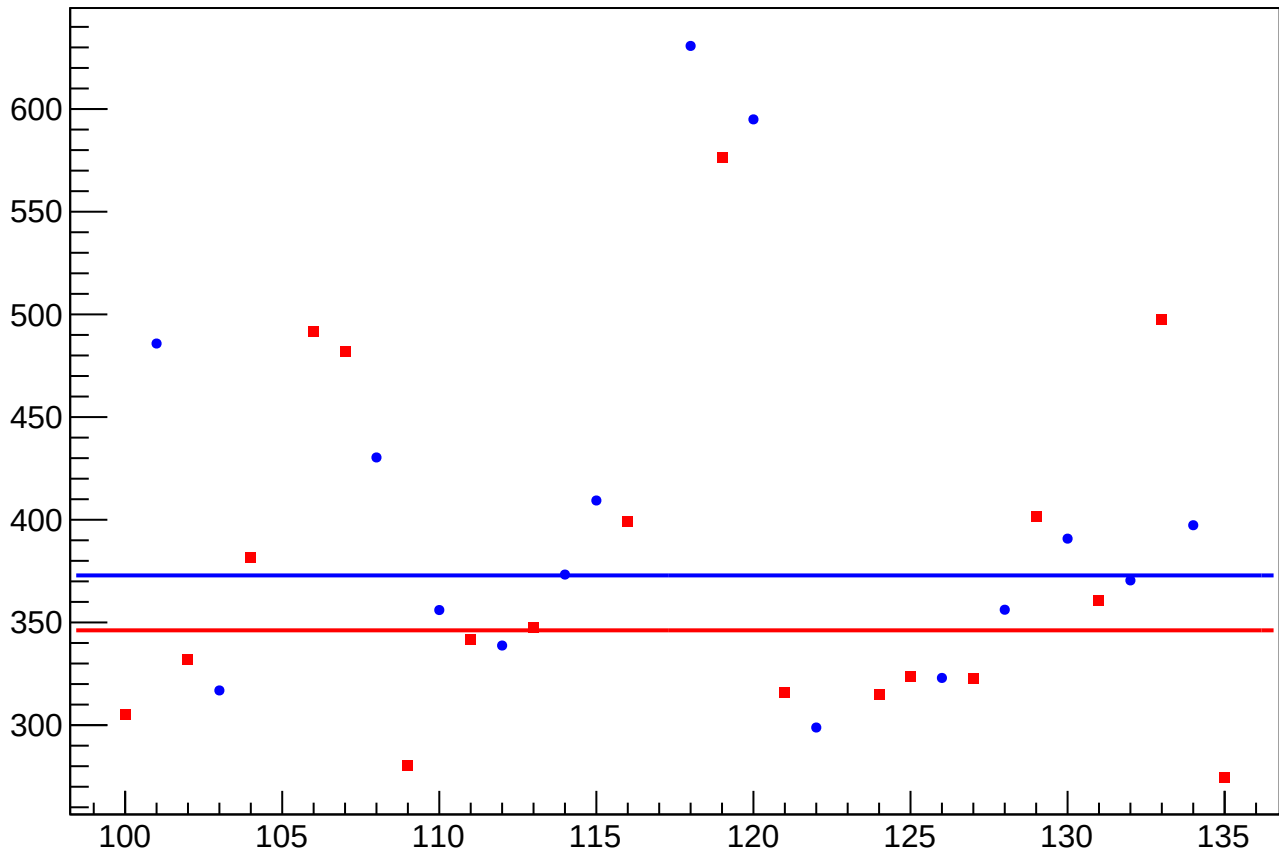
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.007 +/- 0.100 χ^2/NDF : 31.9/32

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

diff_targ_thetaY_rms vs Slug



Right In: 372.900+/-0.107 χ^2/NDF : 485667.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 346.158+/-0.093 χ^2/NDF : 545005.4/17

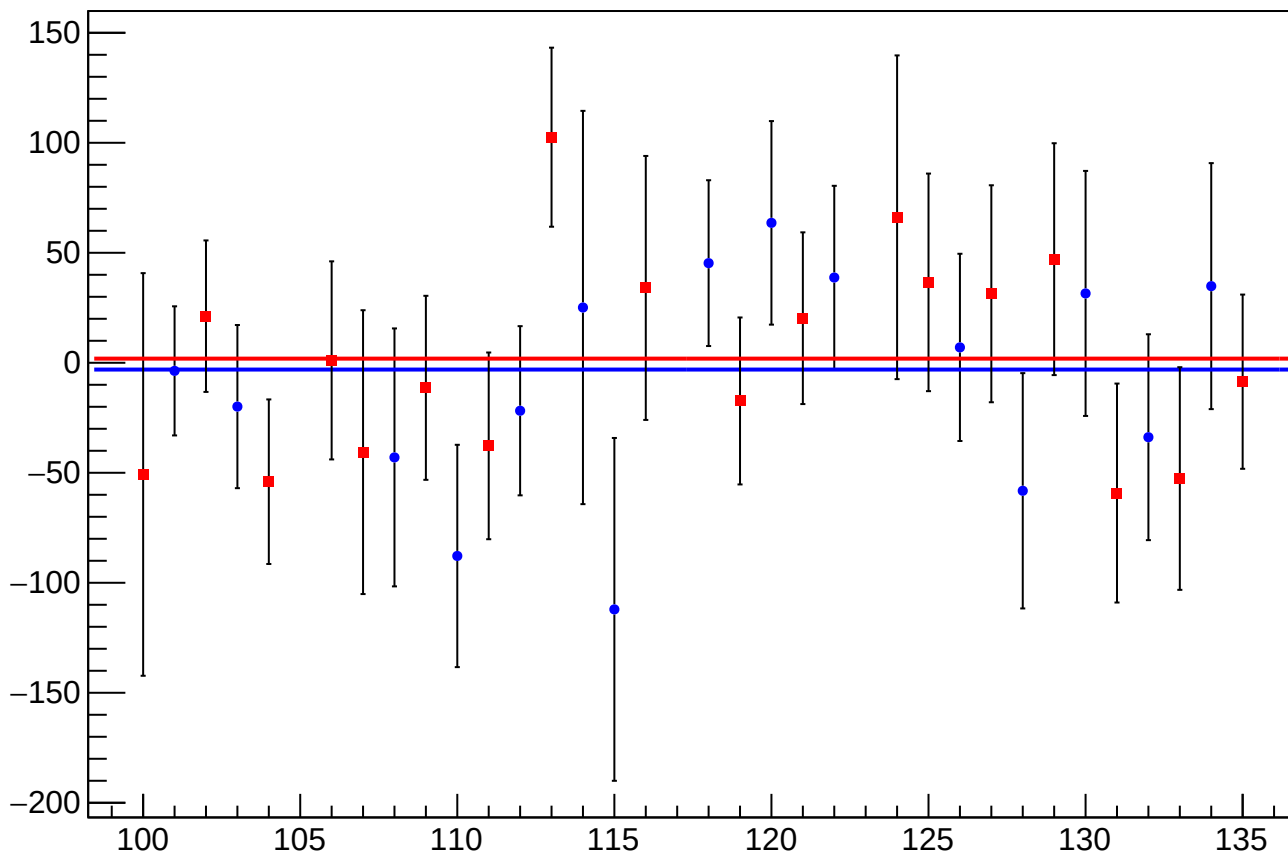
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 357.685+/-0.070 χ^2/NDF : 1066049.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_mean vs Slug



Right In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.890+/-10.803 χ^2/NDF : 16.3/17

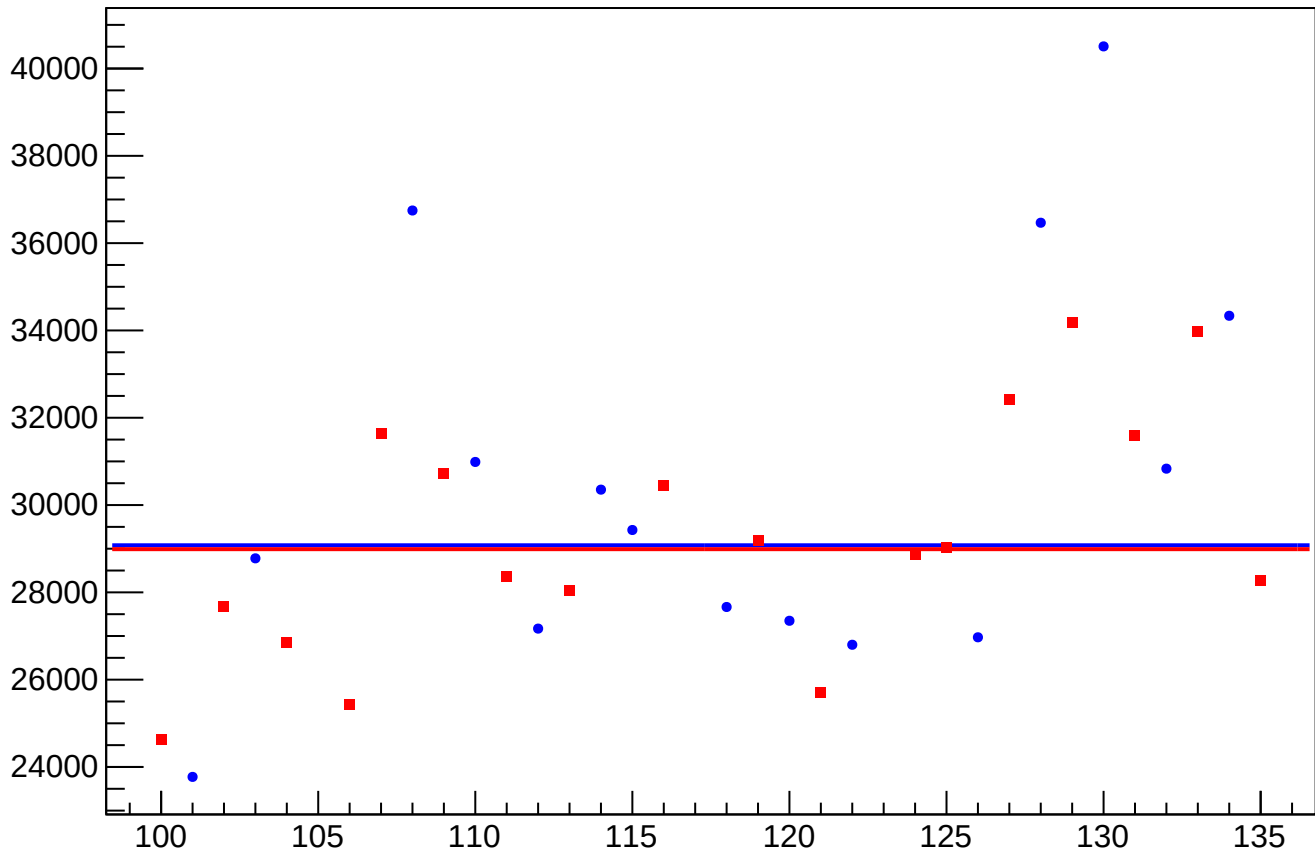
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-7.942 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_rms vs Slug



Right In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28989.506+/-7.639 χ^2/NDF : 104765.1/17

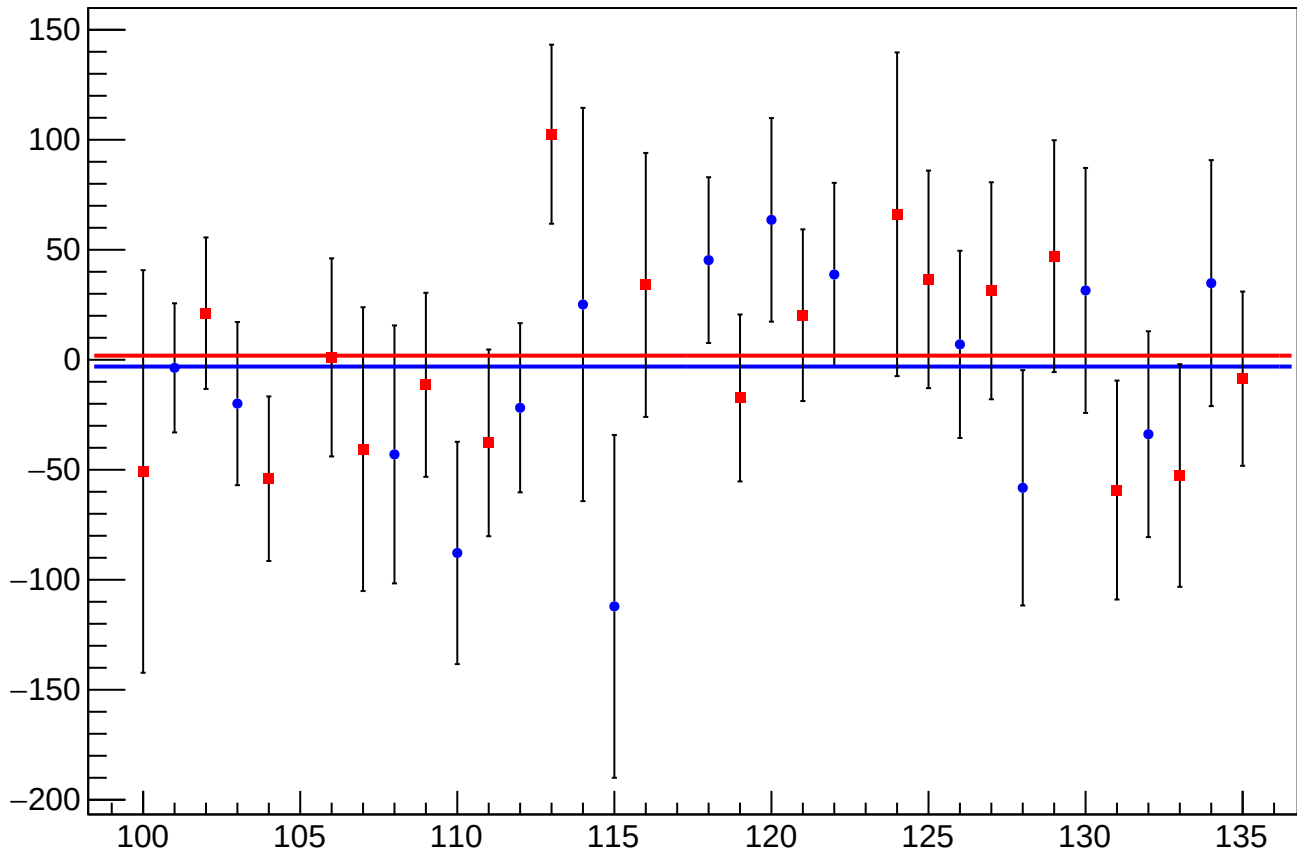
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29030.357+/-5.616 χ^2/NDF : 372193.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_mean vs Slug



Right In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.890+/-10.803 χ^2/NDF : 16.3/17

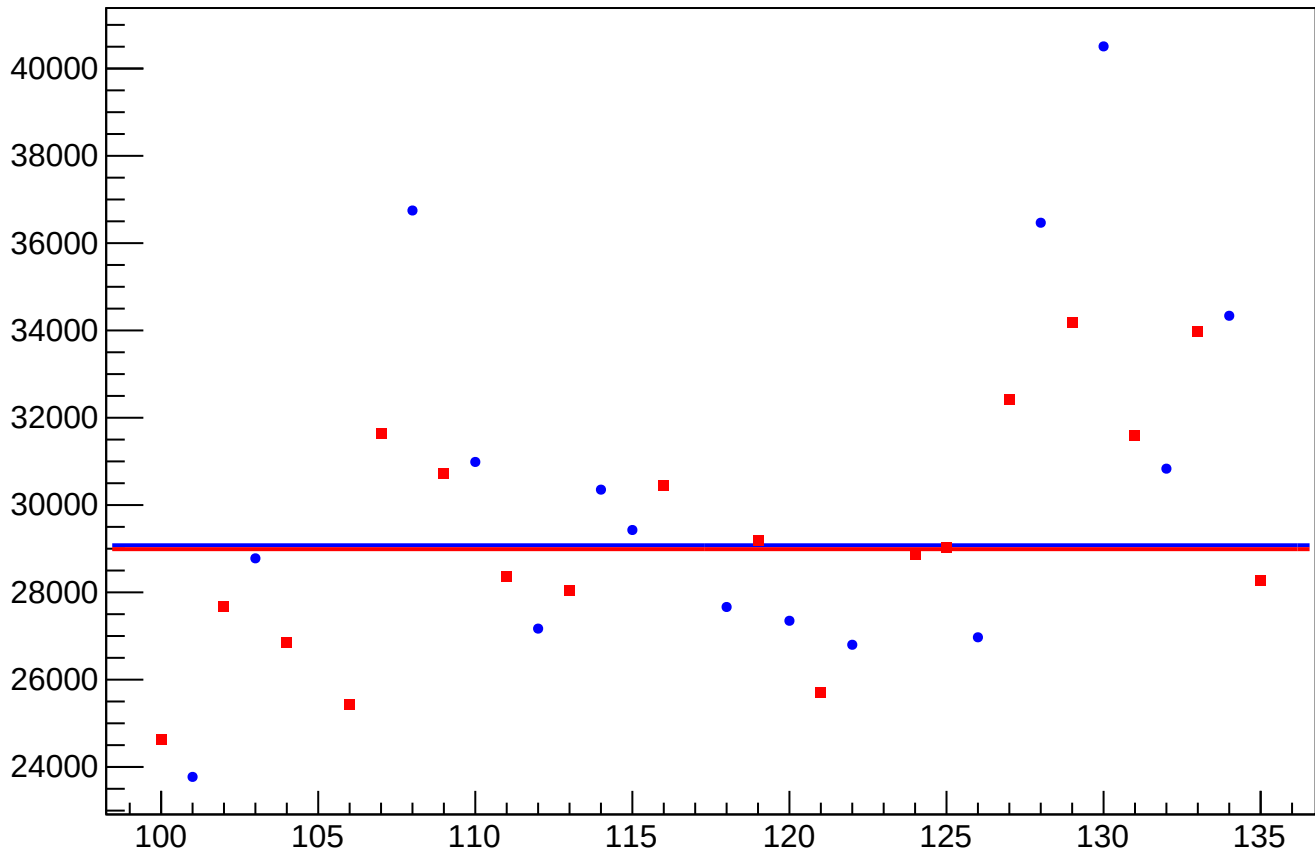
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-7.942 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmEX_rms vs Slug



Right In: 29078.405+/-8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28989.506+/-7.639 χ^2/NDF : 104765.1/17

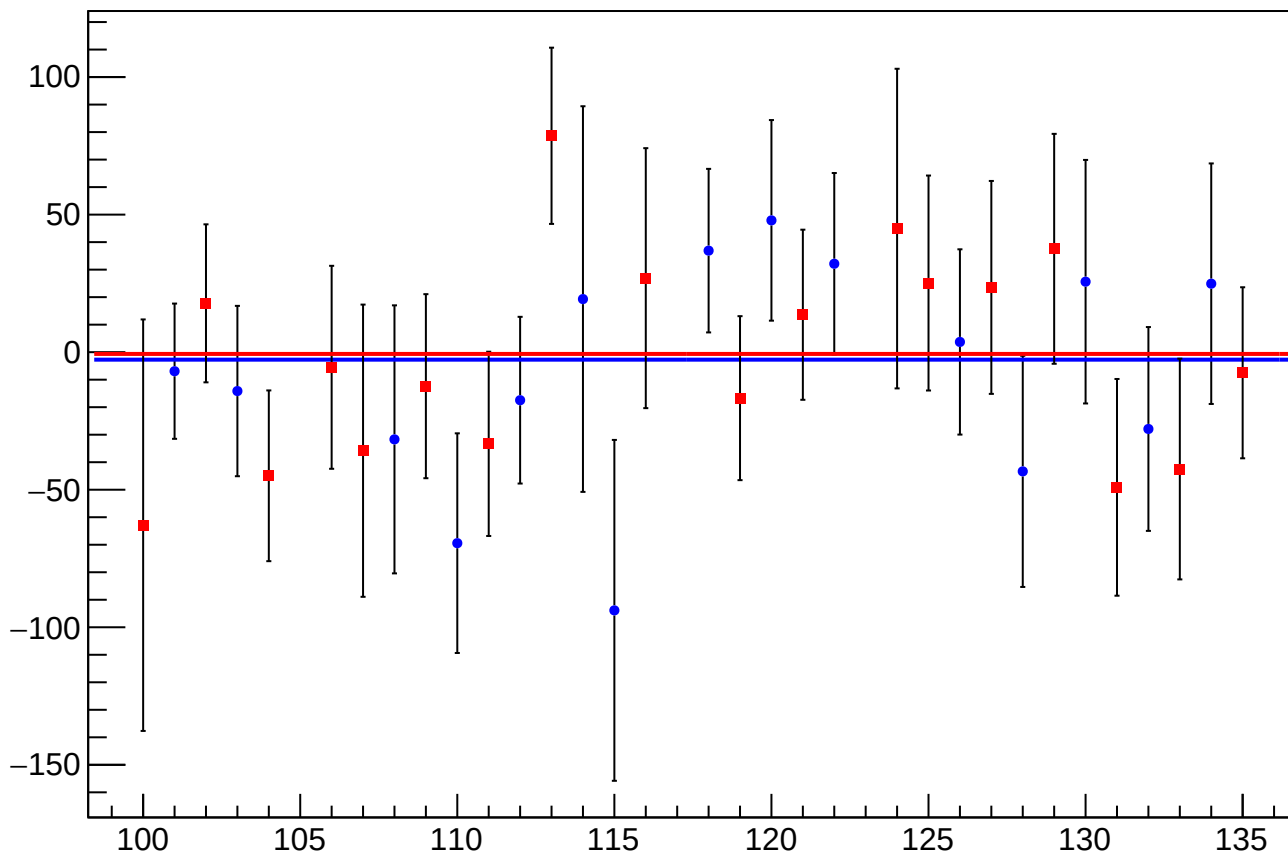
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29030.357+/-5.616 χ^2/NDF : 372193.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_mean vs Slug



Right In: -2.723 ± 9.402 χ^2/NDF : 12.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.640 ± 8.642 χ^2/NDF : 16.6/17

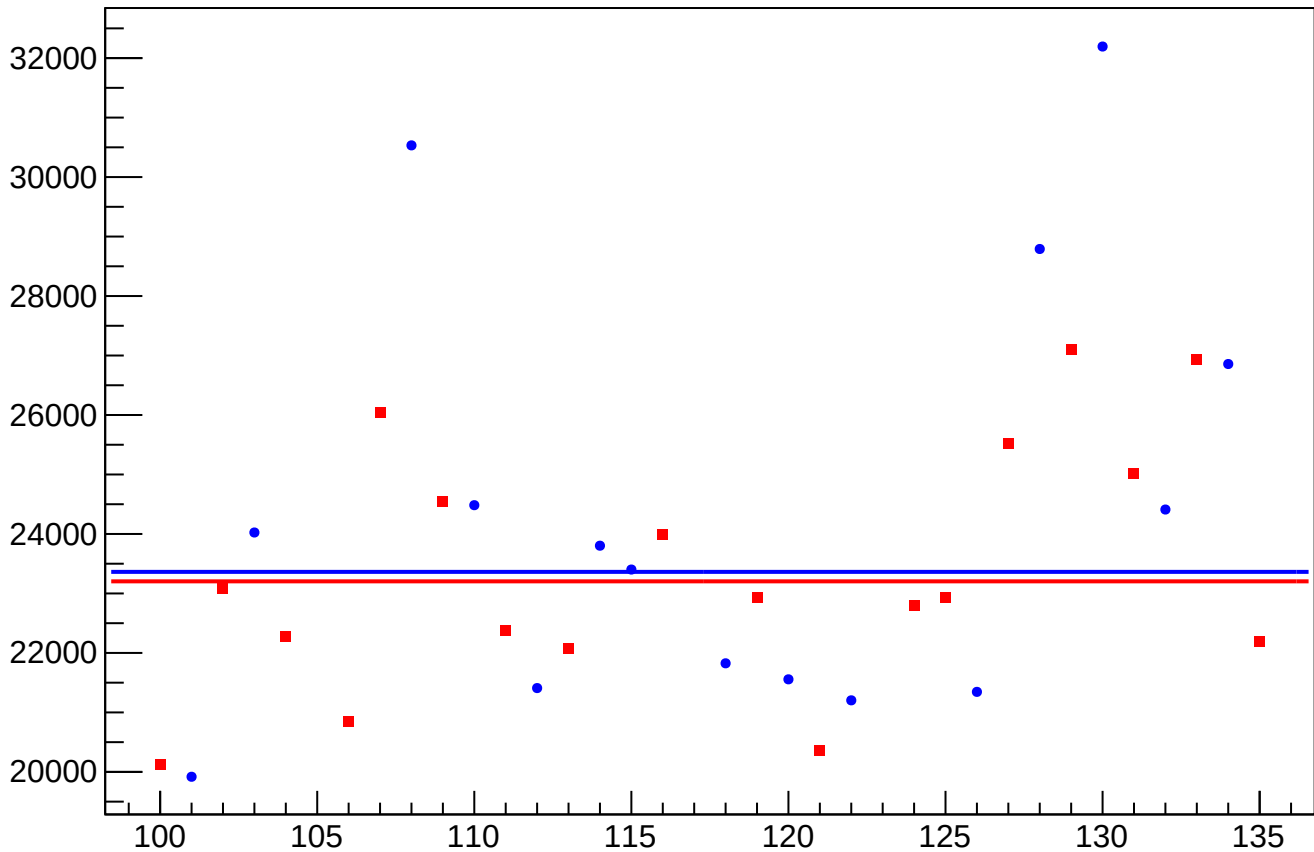
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.594 ± 6.362 χ^2/NDF : 29.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmE_11X12X_rms vs Slug



Right In: 23362.819+/-6.648 χ^2/NDF : 246853.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 23203.352+/-6.111 χ^2/NDF : 91908.6/17

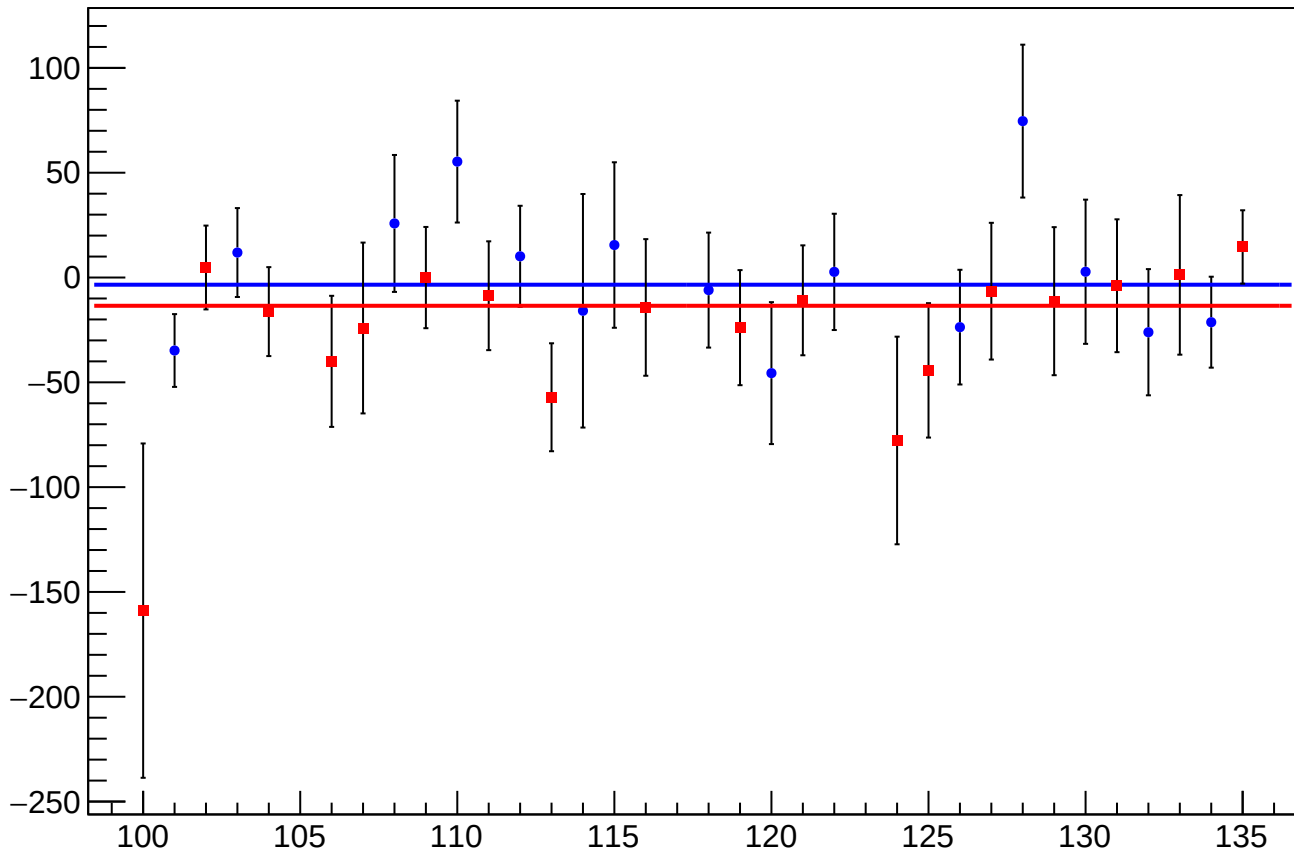
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23276.380+/-4.499 χ^2/NDF : 339074.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_mean vs Slug



Right In: -3.430+/-7.069 χ^2/NDF : 17.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.481+/-6.593 χ^2/NDF : 13.8/17

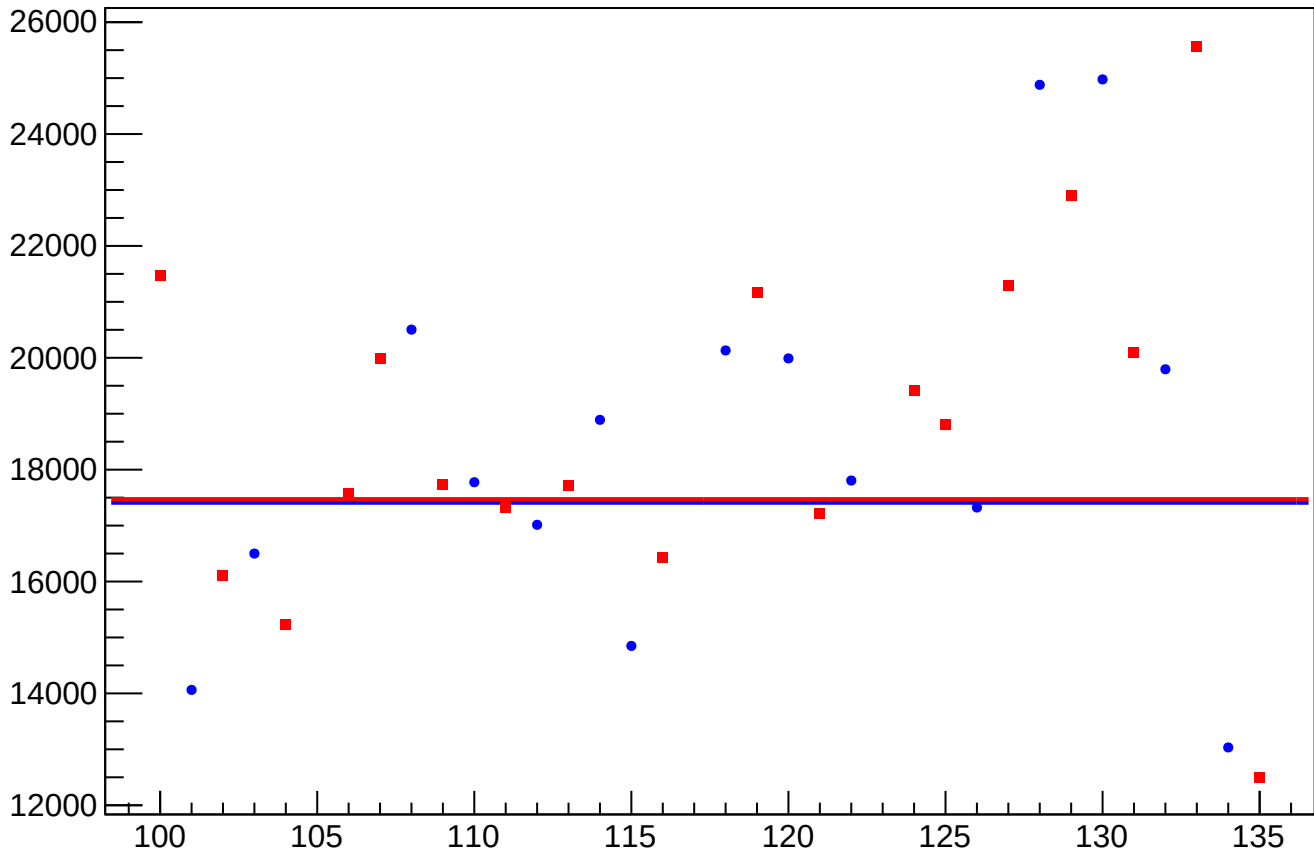
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -8.806+/-4.822 χ^2/NDF : 32.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumX_rms vs Slug



Right In: 17408.351+/-4.999 χ^2/NDF : 413048.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17473.694+/-4.662 χ^2/NDF : 429492.9/17

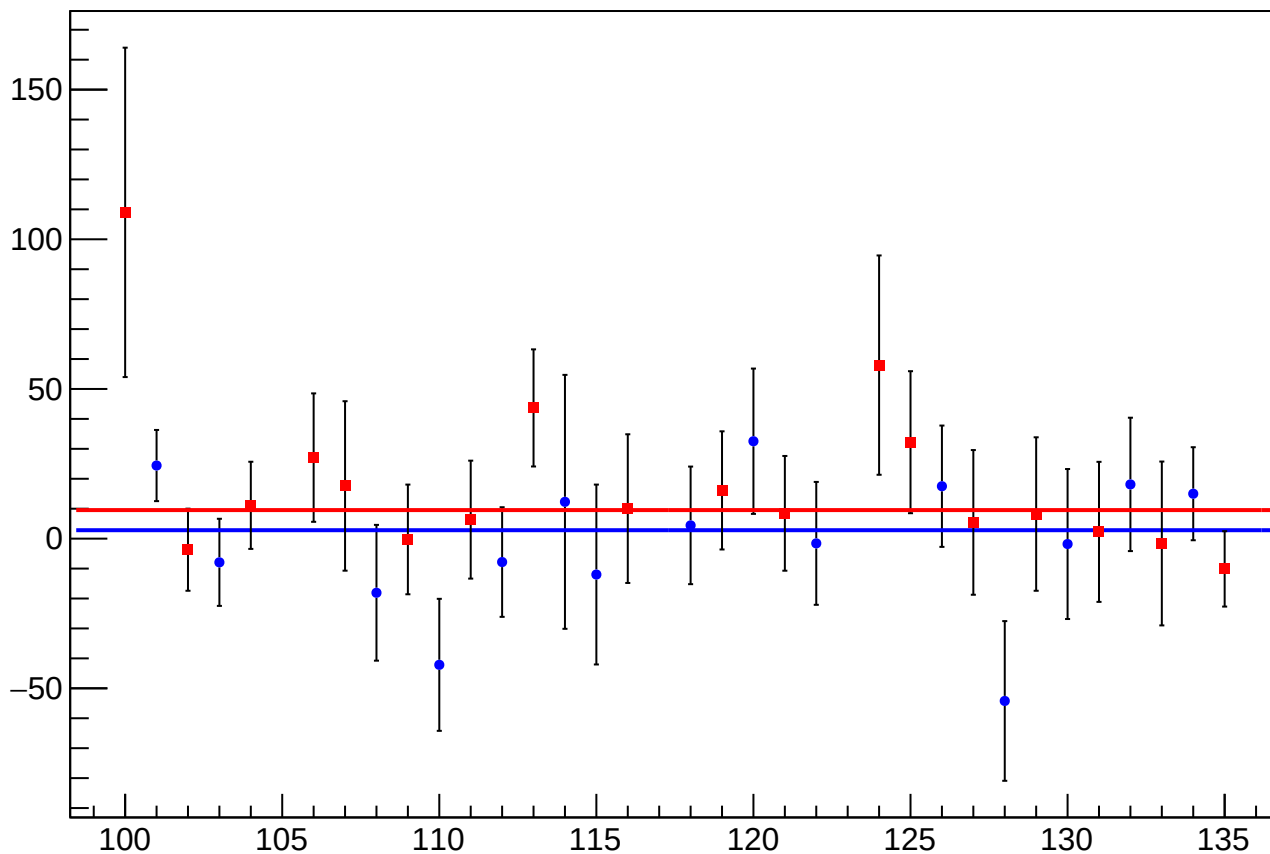
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17443.298+/-3.409 χ^2/NDF : 842633.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediX_mean vs Slug



Right In: 2.816 $\pm$ 5.083 χ^2 /NDF: 17.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.537 $\pm$ 4.762 χ^2 /NDF: 13.8/17

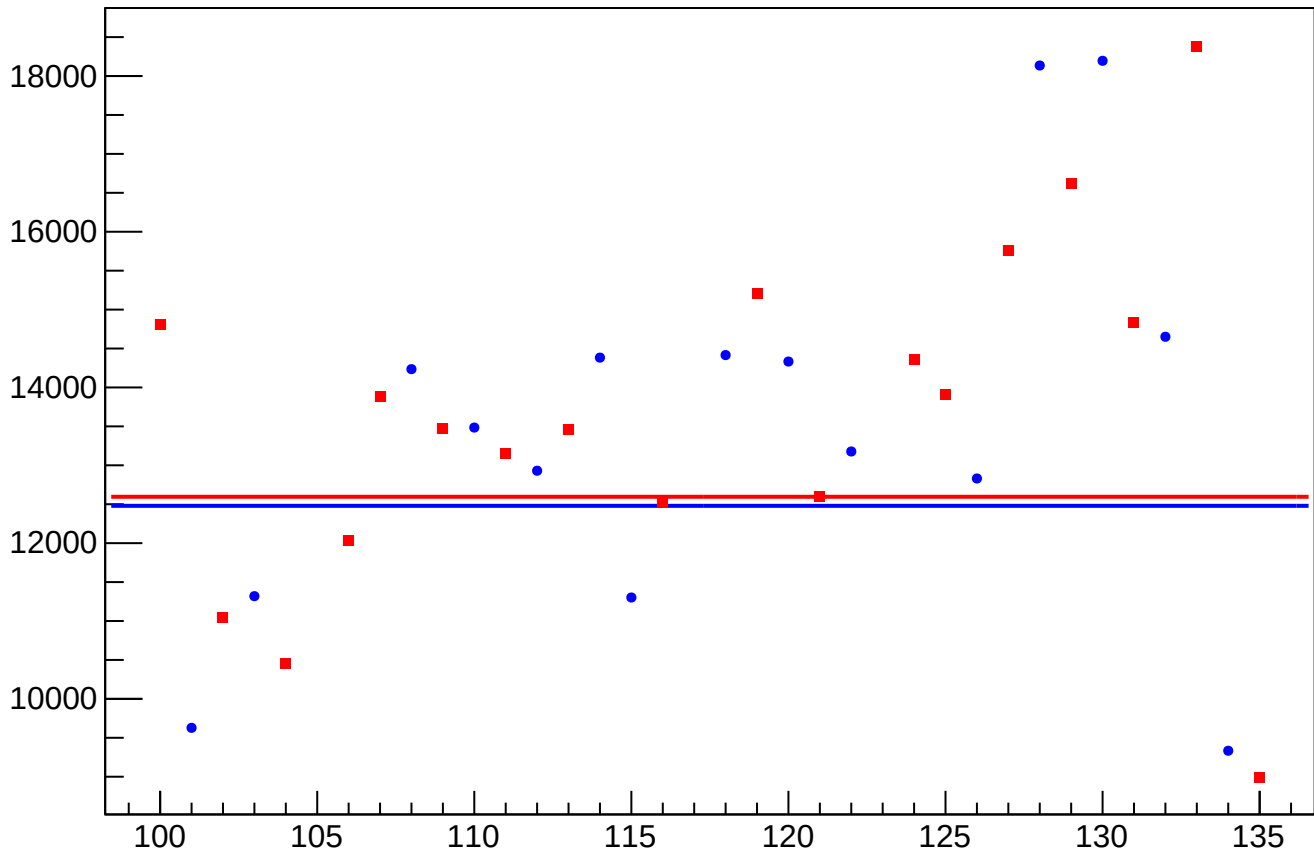
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.395 $\pm$ 3.475 χ^2 /NDF: 32.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm4aediiffX_rms vs Slug



Right In: 12479.449+/-3.594 χ^2/NDF : 481287.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

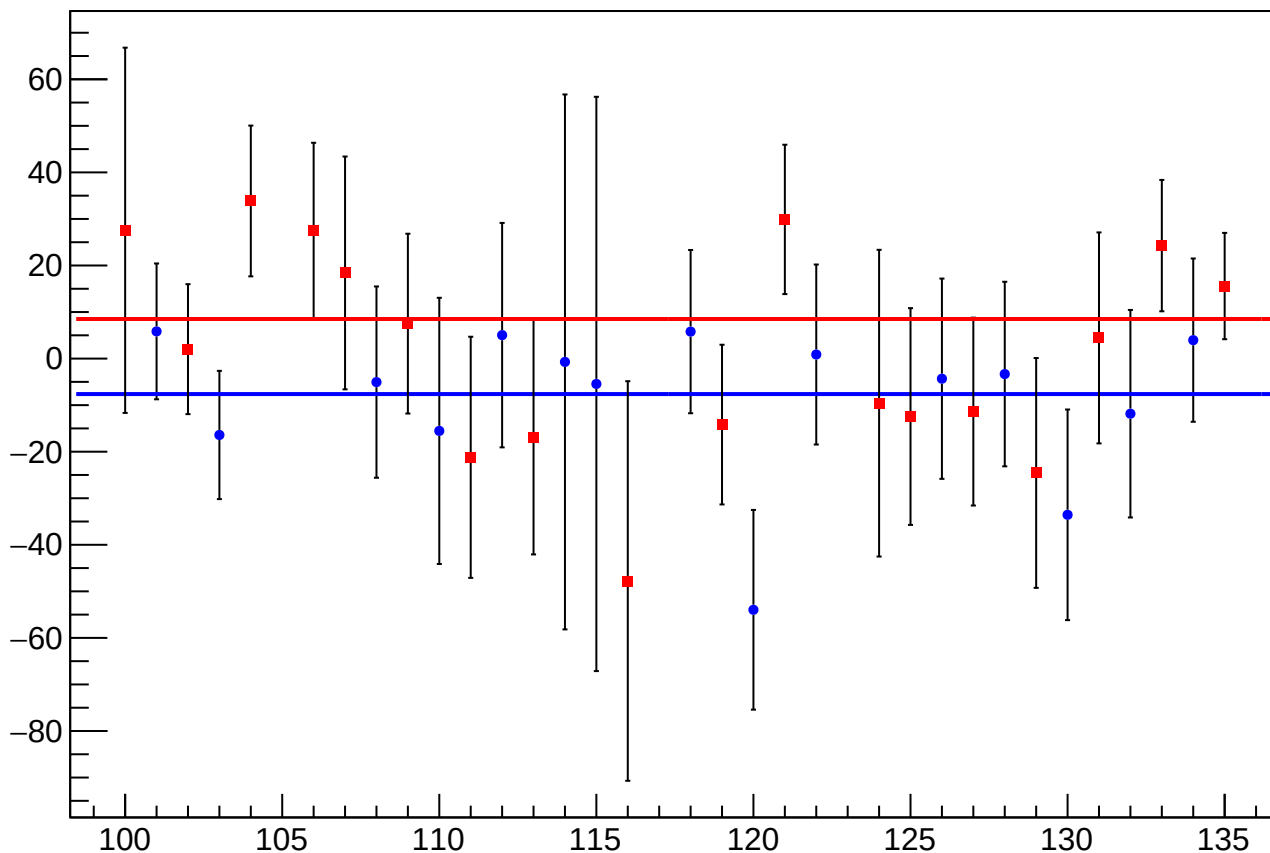
Right Out: 12595.739+/-3.368 χ^2/NDF : 488491.2/17

All: 12541.381+/-2.458 χ^2/NDF : 970336.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_mean vs Slug



Right In: -7.621+/-5.280 χ^2/NDF : 8.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 8.507+/-4.515 χ^2/NDF : 17.2/17

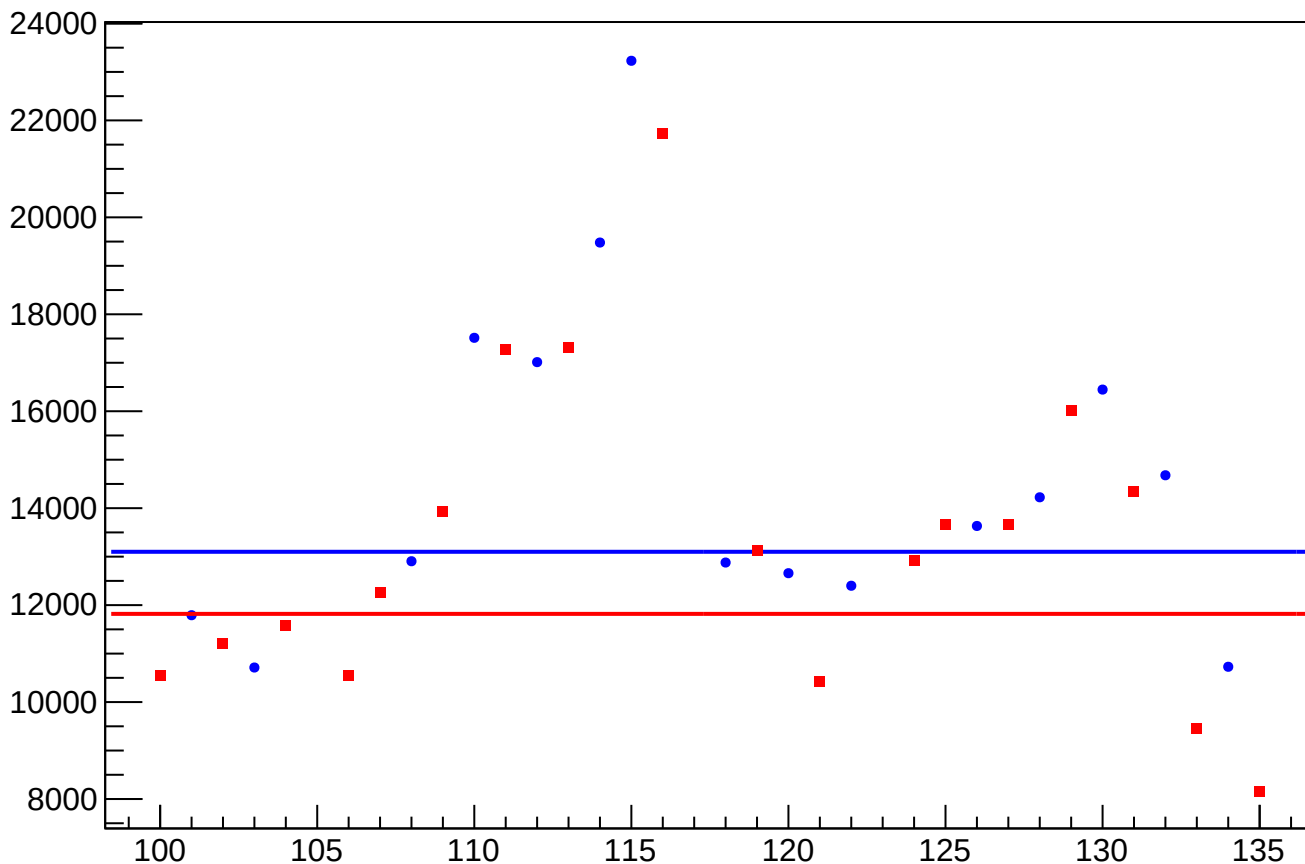
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.696+/-3.431 χ^2/NDF : 31.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aesumY_rms vs Slug



Right In: 13100.394+/-3.734 χ^2/NDF : 357103.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

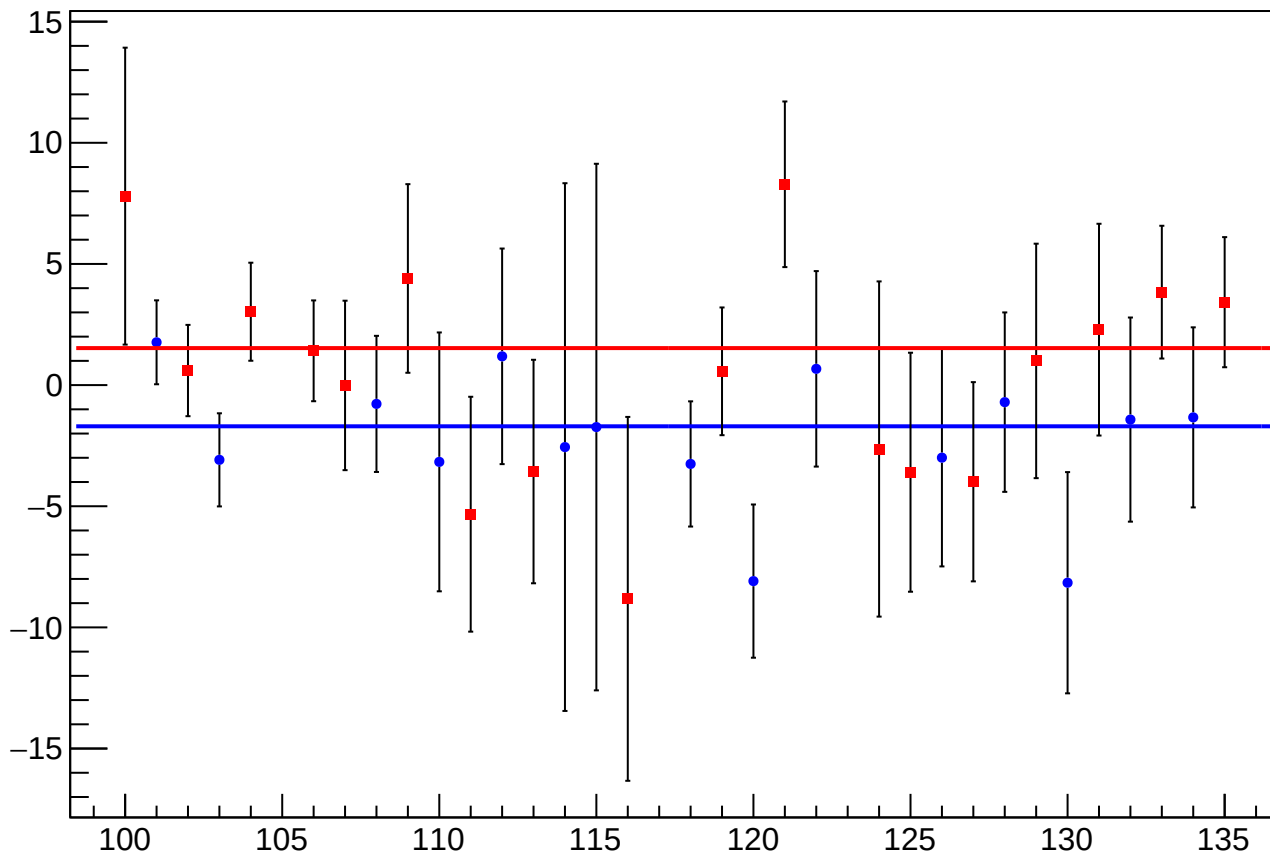
Right Out: 11819.484+/-3.192 χ^2/NDF : 733675.4/17

All: 12360.460+/-2.426 χ^2/NDF : 1158769.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aeddifffY_mean vs Slug



Right In: -1.701+/-0.832 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.527+/-0.755 χ^2/NDF : 16.2/17

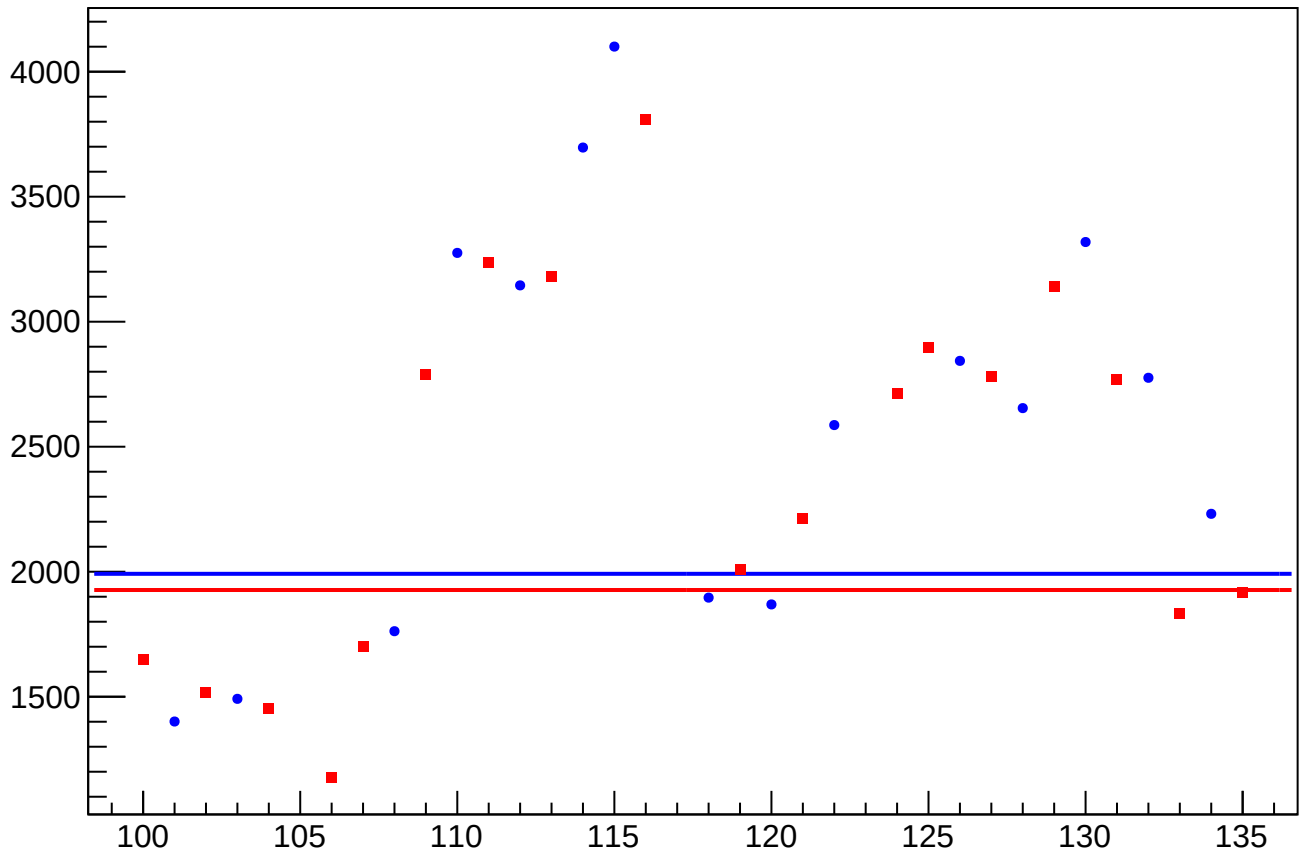
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.071+/-0.559 χ^2/NDF : 36.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aediY_rms vs Slug



Right In: 1991.615 $\pm$ 0.588 χ^2 /NDF: 1187757.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

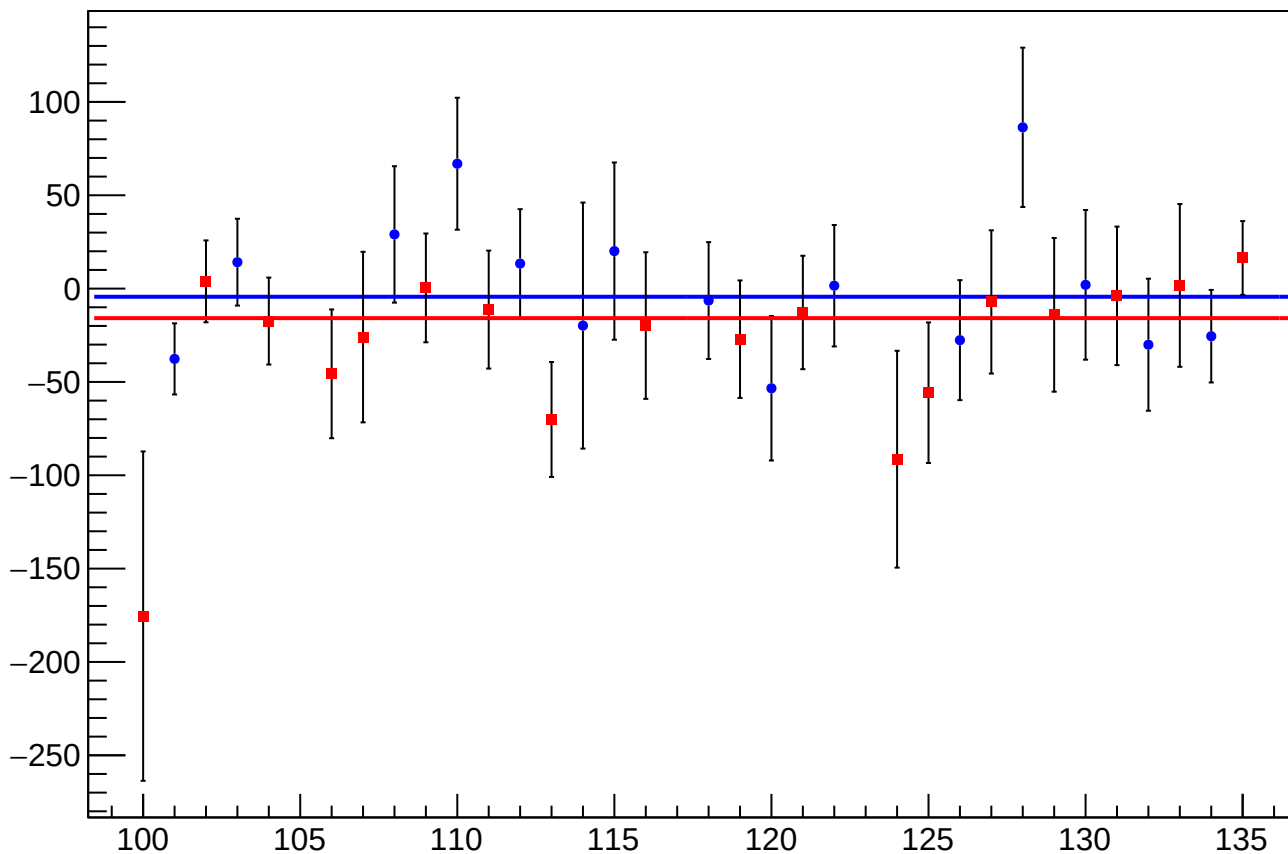
Right Out: 1926.865 $\pm$ 0.534 χ^2 /NDF: 1401850.7/17

All: 1956.077 $\pm$ 0.395 χ^2 /NDF: 2596253.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumX_mean vs Slug



Right In: -4.371+/-8.111 χ^2/NDF : 17.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.820+/-7.575 χ^2/NDF : 14.3/17

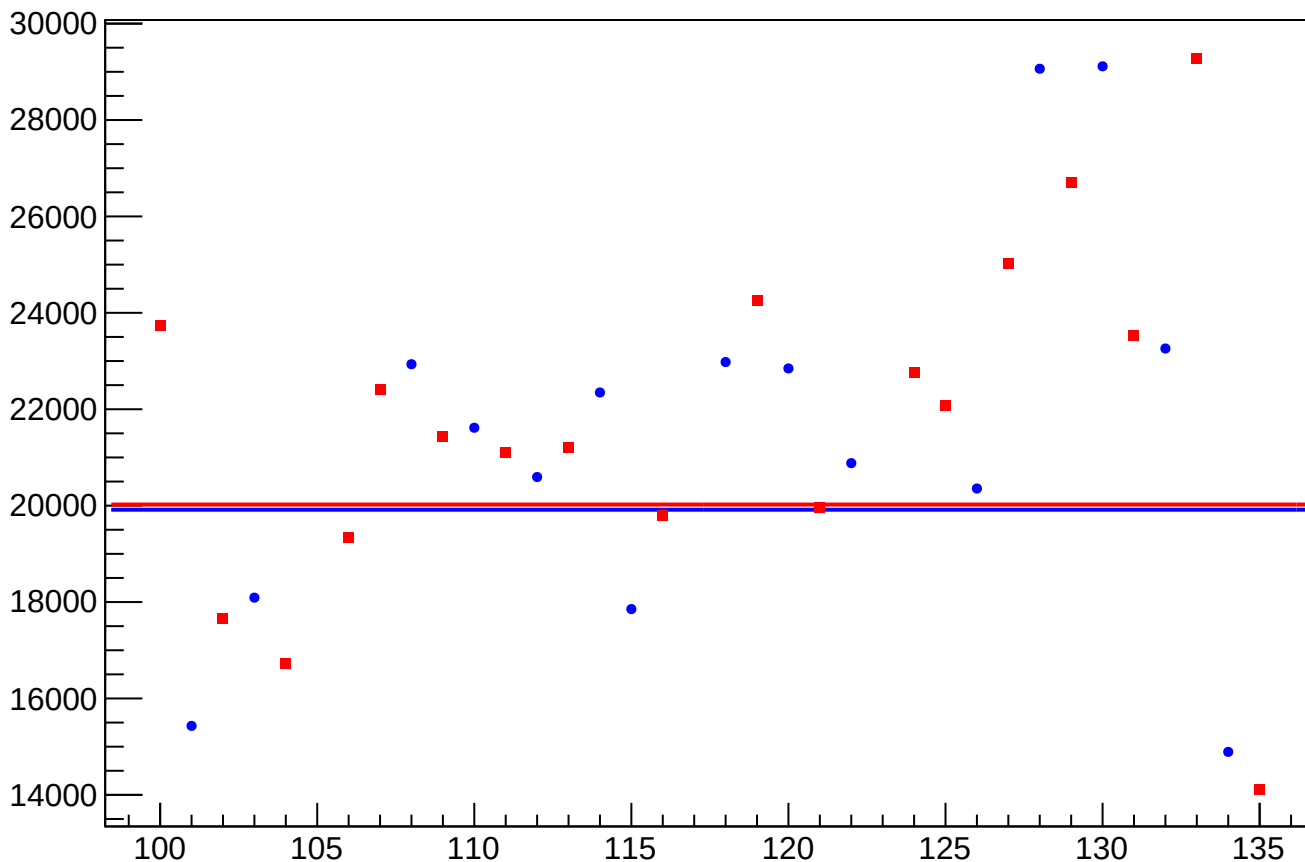
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.486+/-5.536 χ^2/NDF : 32.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumX_rms vs Slug



Right In: 19916.102+/-5.735 χ^2/NDF : 478890.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

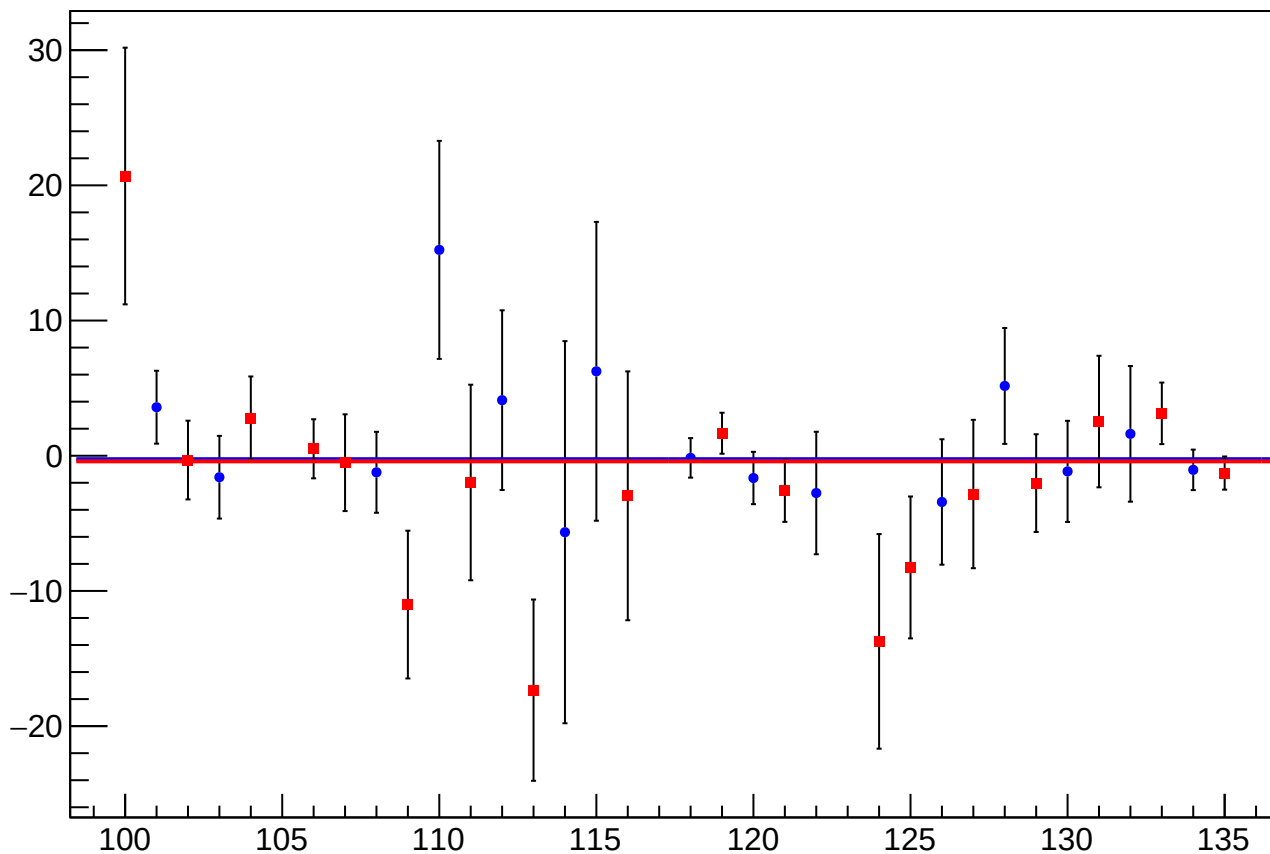
Right Out: 20023.208+/-5.356 χ^2/NDF : 502517.0/17

All: 19973.312+/-3.914 χ^2/NDF : 981593.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_mean vs Slug



Right In: -0.256+/-0.736 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.414+/-0.660 χ^2/NDF : 28.0/17

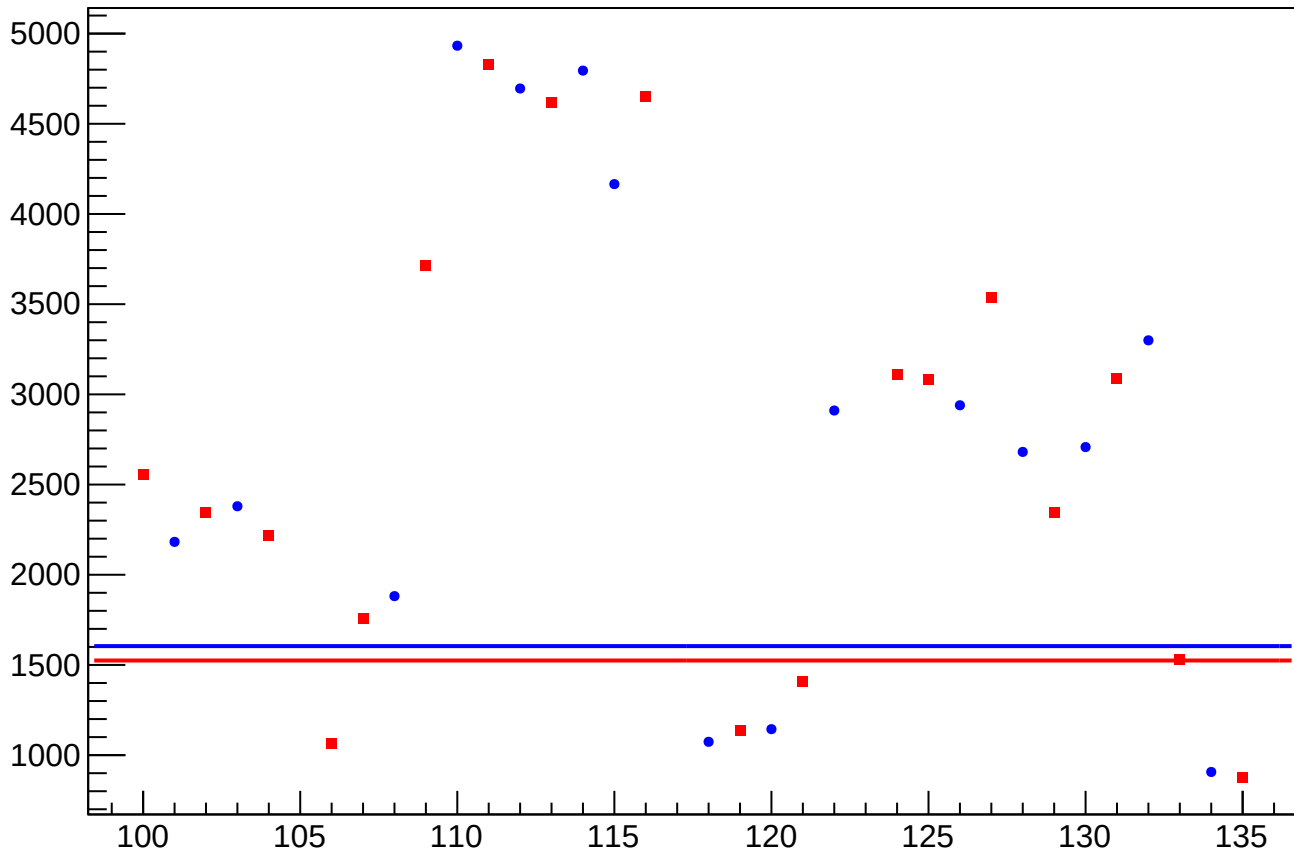
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.343+/-0.491 χ^2/NDF : 38.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffX_rms vs Slug



Right In: 1604.439+/-0.520 χ^2/NDF : 2890966.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

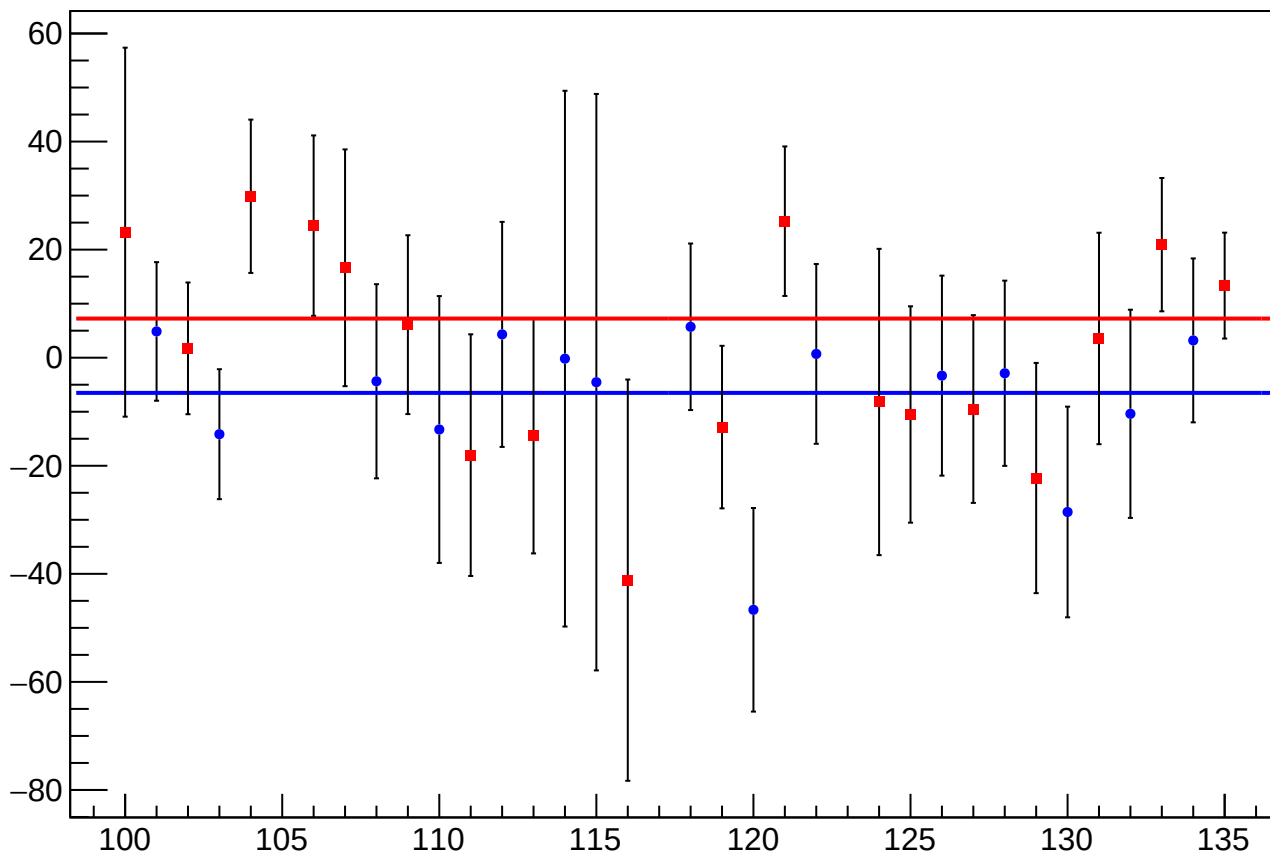
Right Out: 1524.700+/-0.467 χ^2/NDF : 3309962.1/17

All: 1560.262+/-0.347 χ^2/NDF : 6213949.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetsumY_mean vs Slug



Right In: -6.512 $\pm$ 4.591 χ^2 /NDF: 8.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7.241 $\pm$ 3.916 χ^2 /NDF: 17.3/17

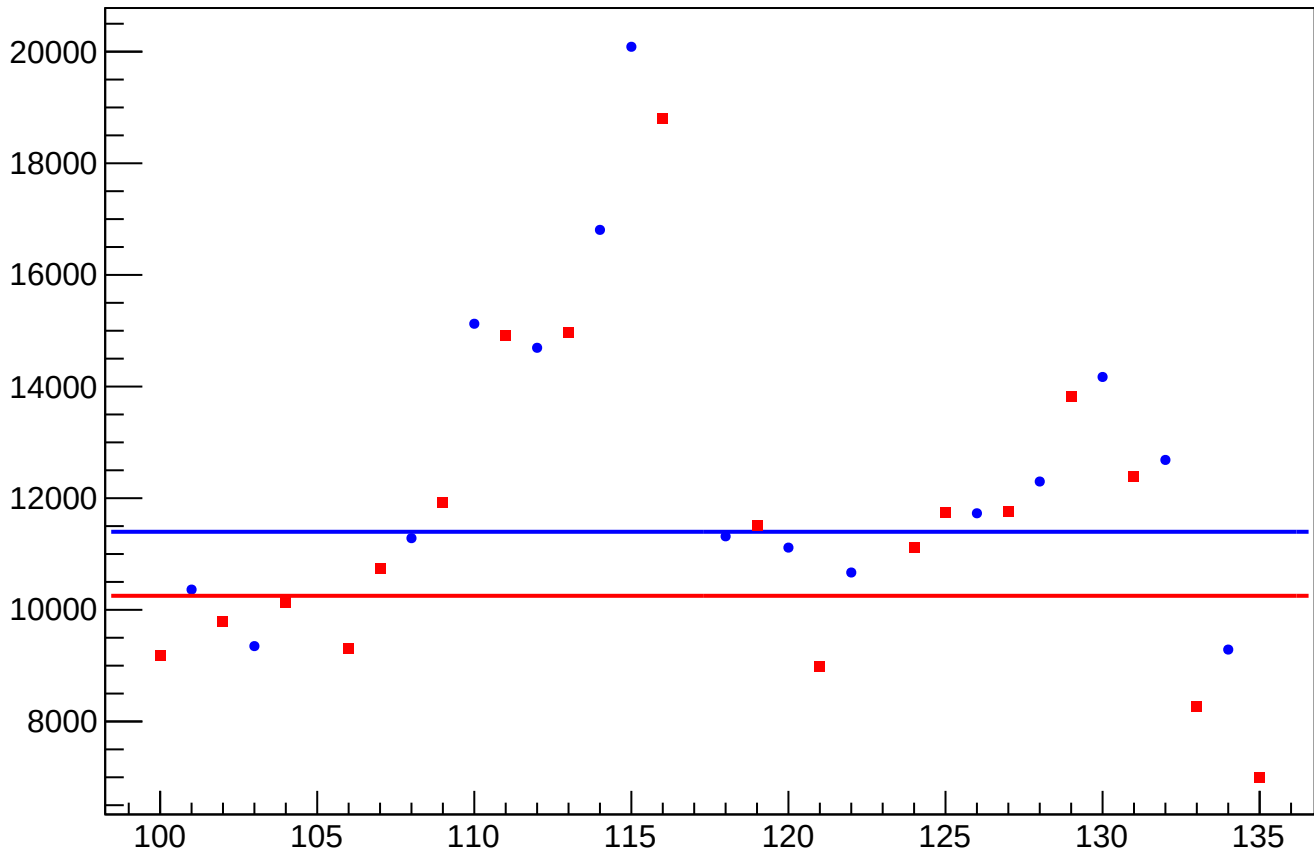
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.449 $\pm$ 2.979 χ^2 /NDF: 31.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpmtargetsumY_rms vs Slug



Right In: 11398.314+/-3.247 χ^2/NDF : 342337.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10251.364+/-2.769 χ^2/NDF : 730614.9/17

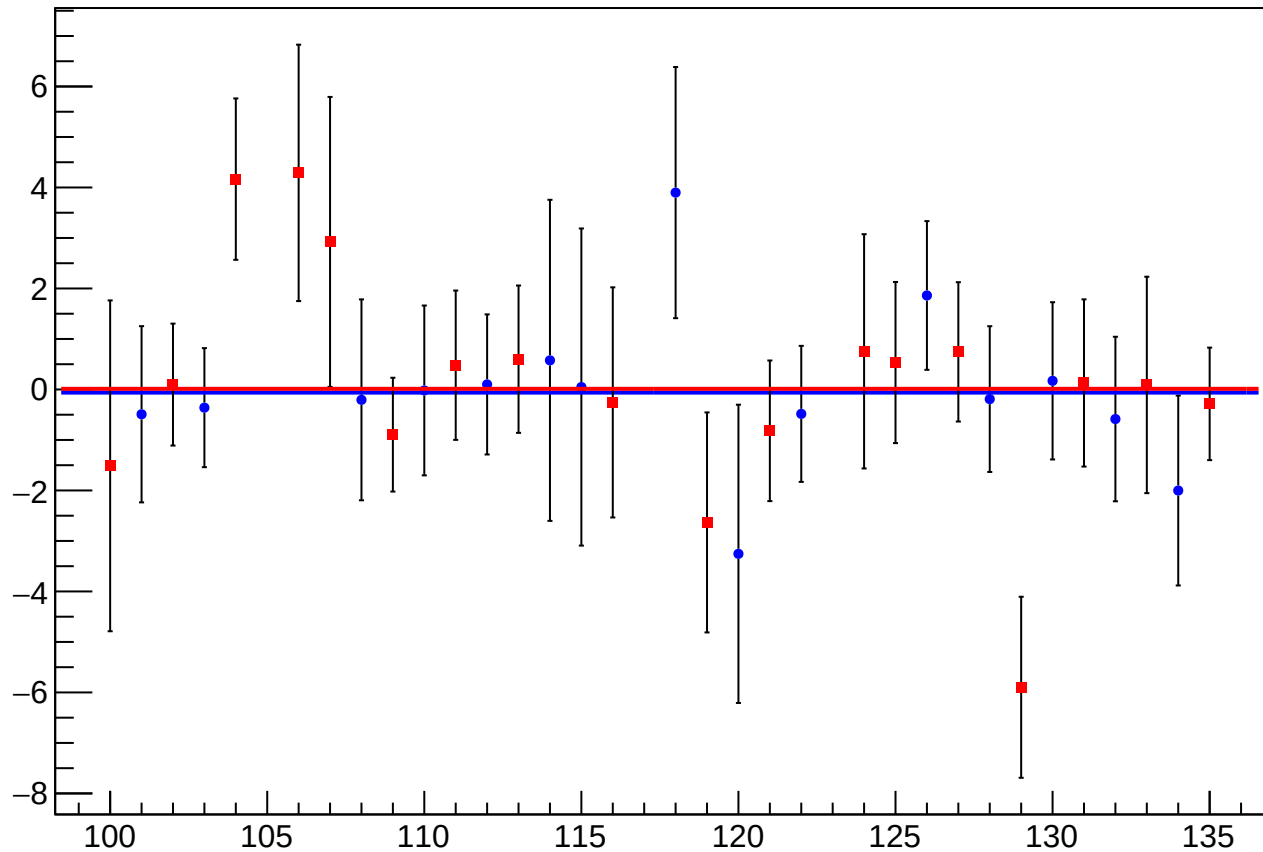
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10734.352+/-2.107 χ^2/NDF : 1145201.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_mean vs Slug



Right In: -0.062 ± 0.438 χ^2/NDF : 6.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.381 χ^2/NDF : 25.0/17

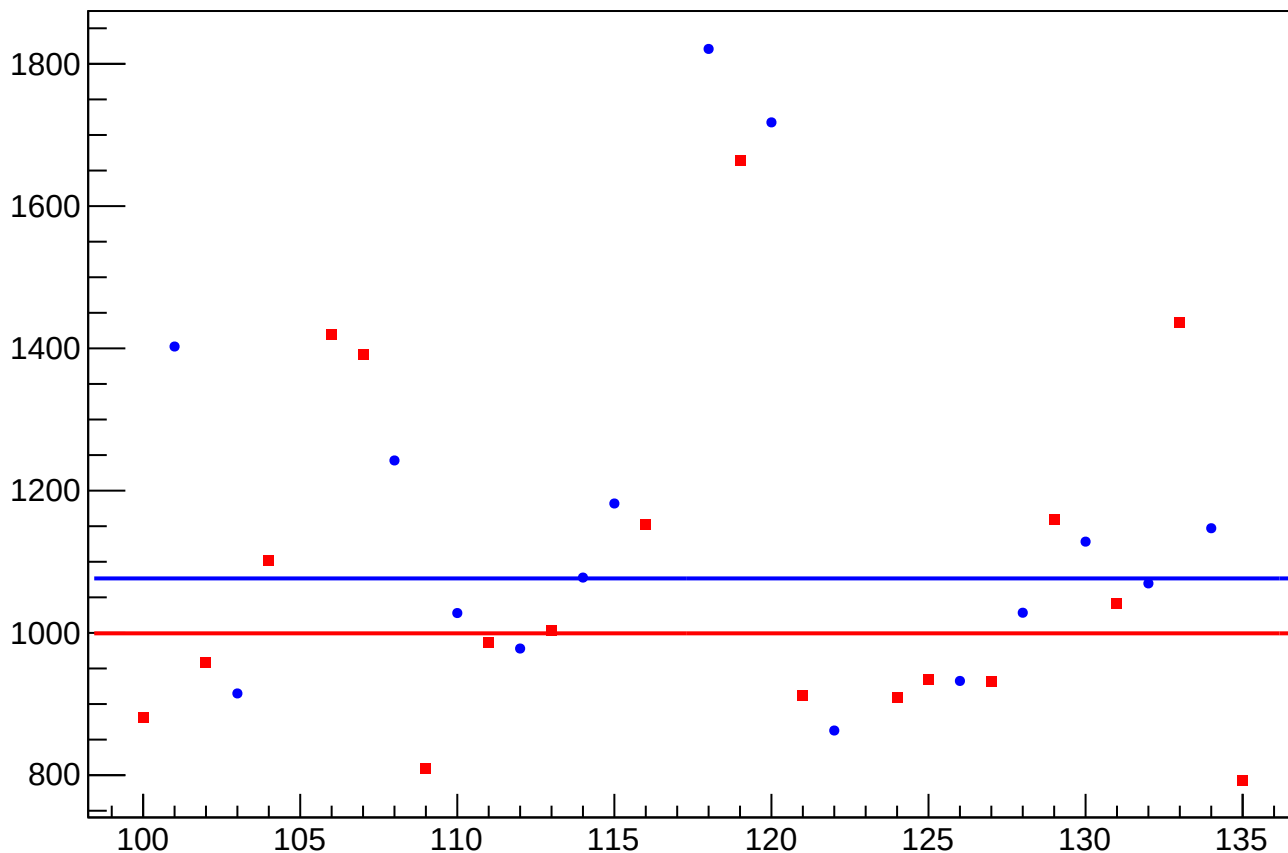
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.019 ± 0.287 χ^2/NDF : 31.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpmtargetdiffY_rms vs Slug



Right In: 1076.608 $\pm$ 0.310 χ^2 /NDF: 485667.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 999.400 $\pm$ 0.269 χ^2 /NDF: 545005.4/17

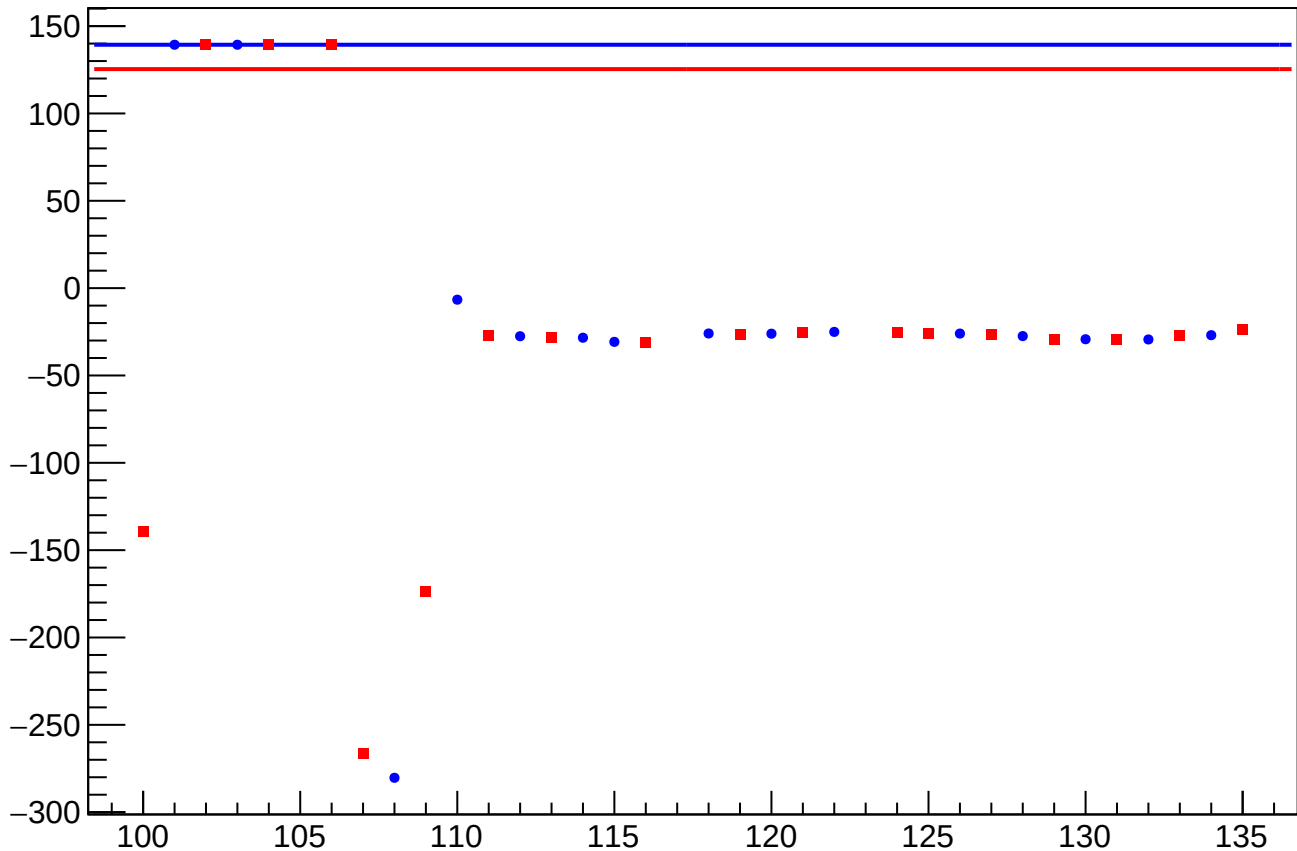
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1032.679 $\pm$ 0.203 χ^2 /NDF: 1066049.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_mean vs Slug



Right In: 139.337 $\pm$ 0.000 χ^2 /NDF: 39473273236.2/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

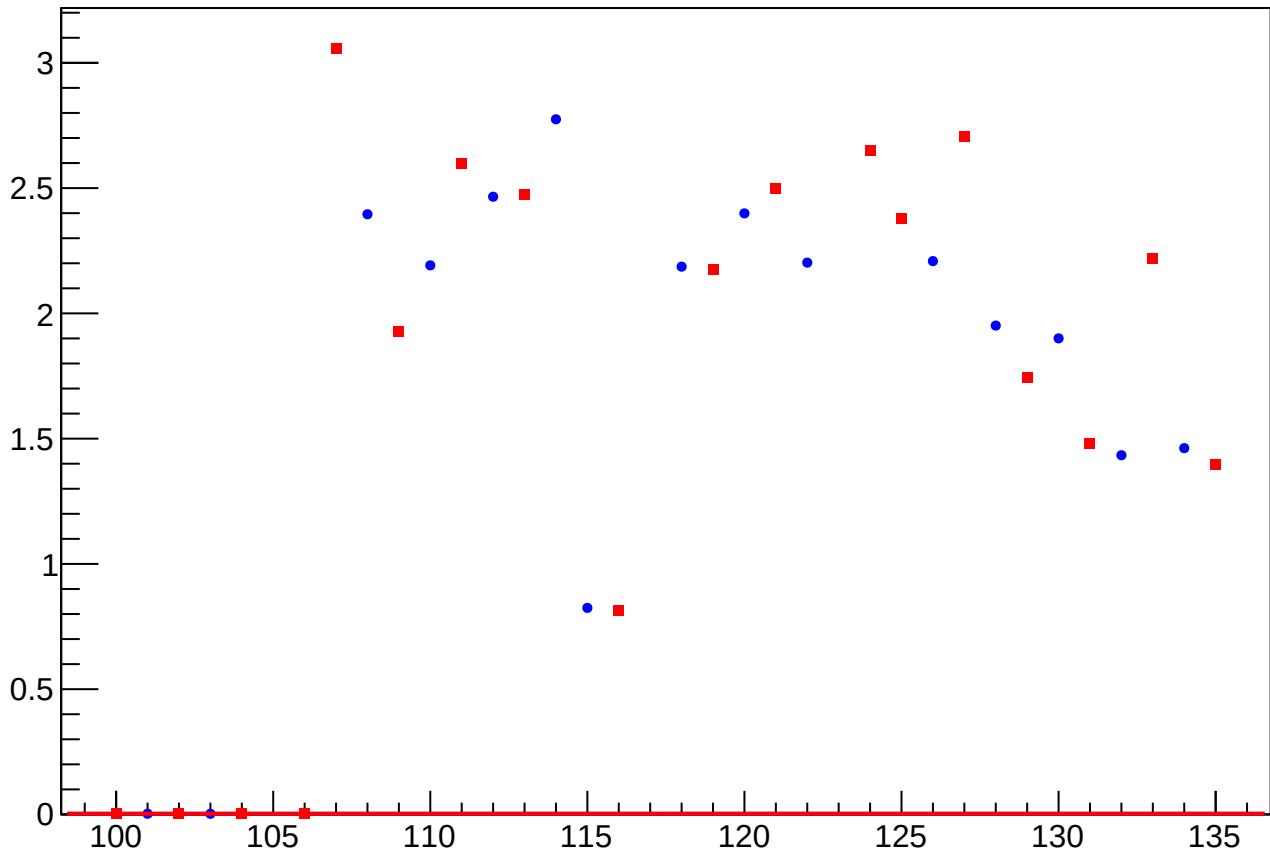
All: 131.818 $\pm$ 0.000 χ^2 /NDF: 792995568105

Right Out: 125.392 $\pm$ 0.000 χ^2 /NDF: 774170830046562.9/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4bX_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 8279546.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 9464798.0/17

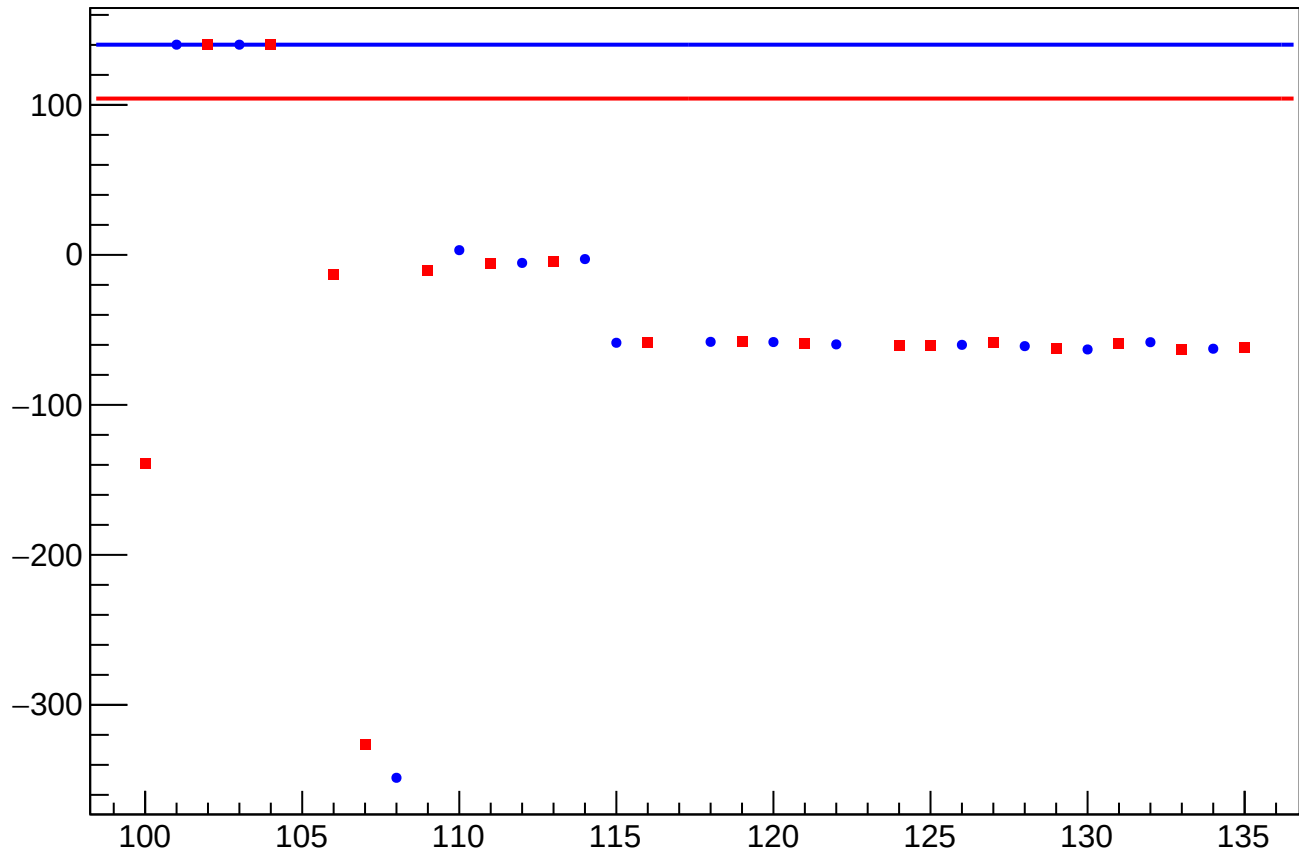
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 17744507.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_mean vs Slug



Right In: 140.145+/-0.000 χ^2/NDF : 136561222554.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

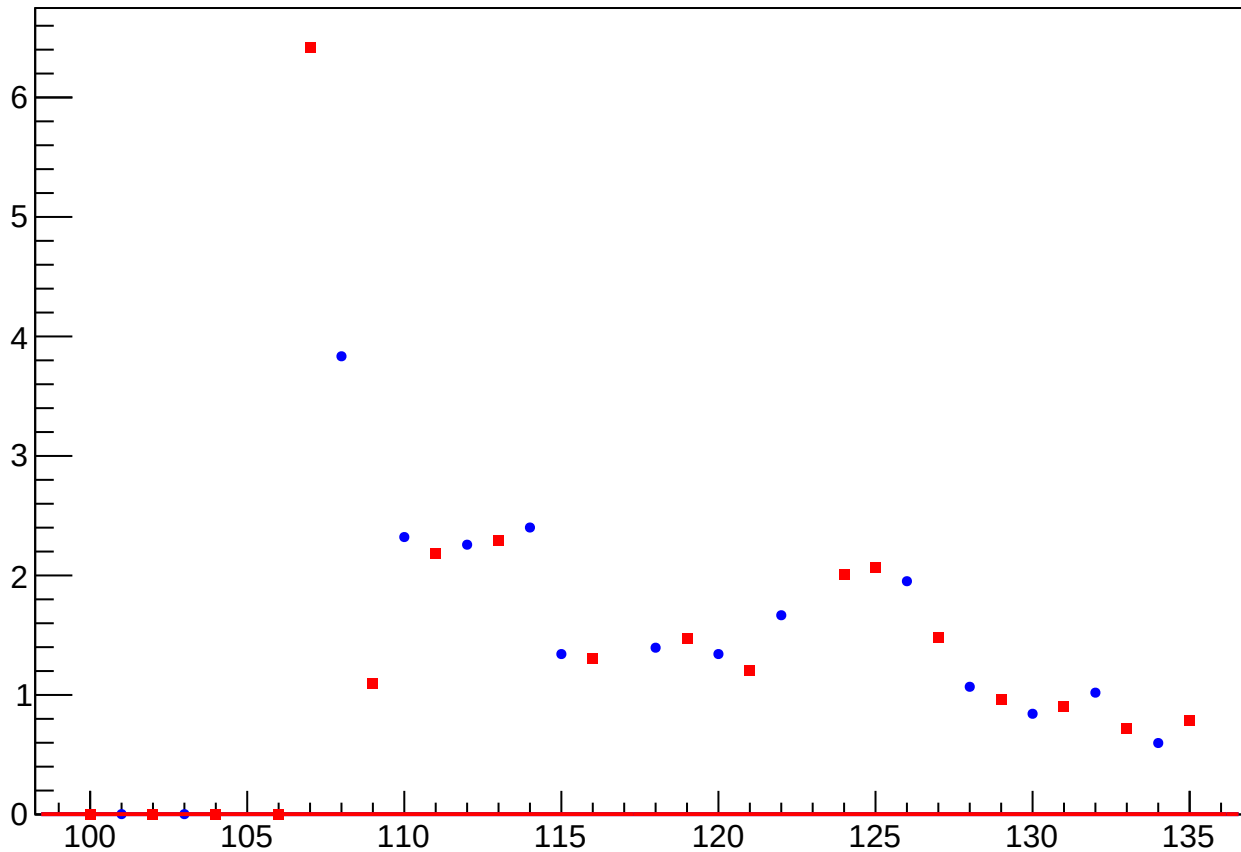
All: 120.832+/-0.000 χ^2/NDF : 13808407385

Right Out: 104.225+/-0.000 χ^2/NDF : 1257390880443962.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4bY_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 9144997.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 9916854.6/17

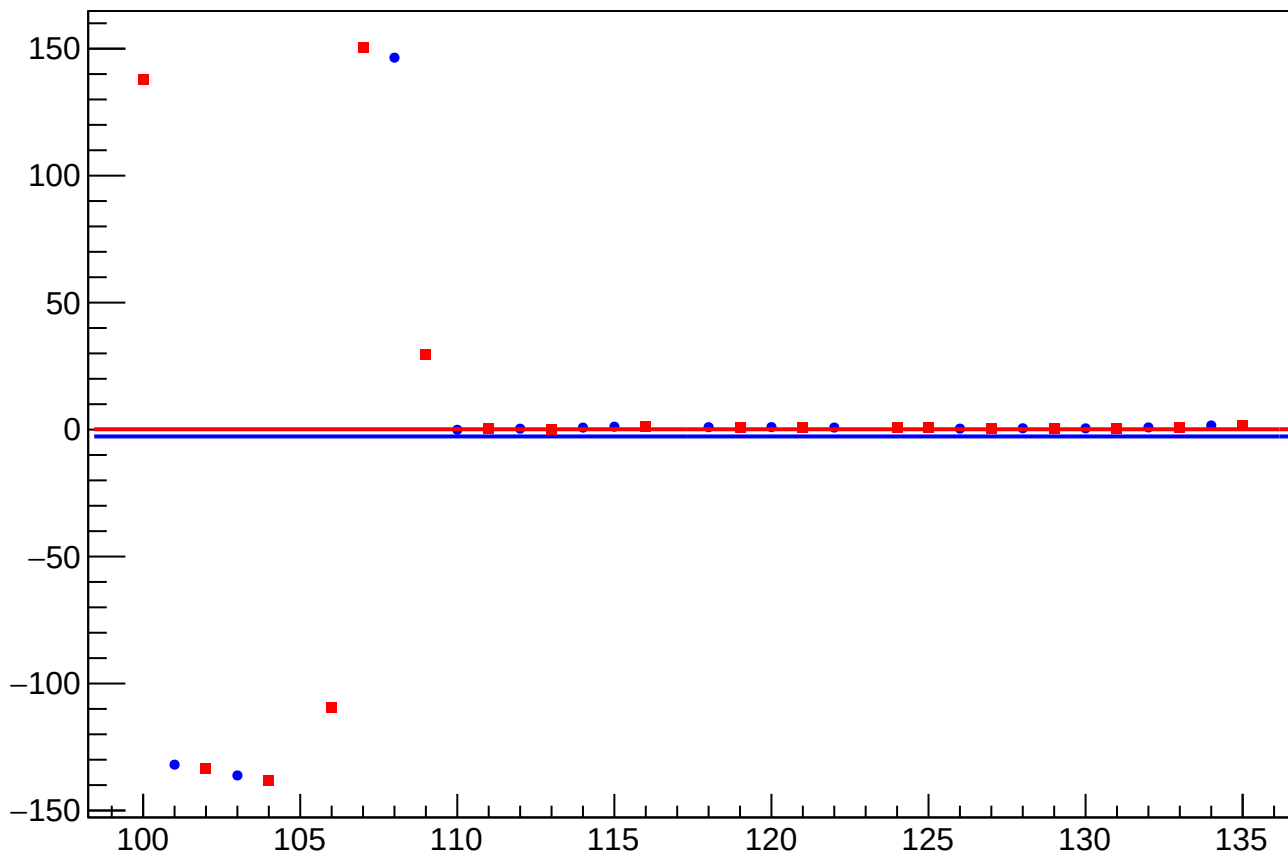
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 19062011.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_mean vs Slug



Right In: -2.700+/-0.000 χ^2/NDF : 9849299644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.130+/-0.000 χ^2/NDF : 3610948869.2/17

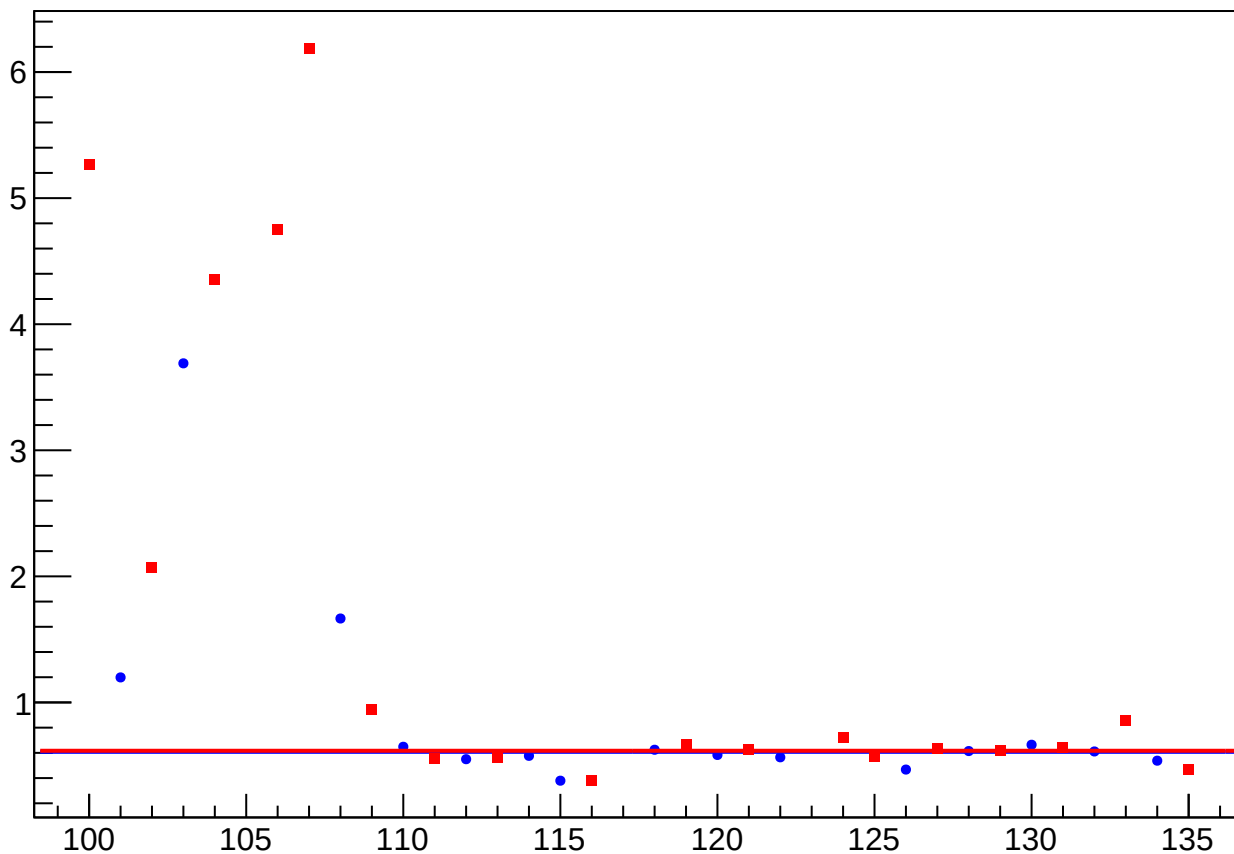
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.253+/-0.000 χ^2/NDF : 13509871797.3/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cX_rms vs Slug



Right In: 0.608 $\pm$ 0.000 χ^2 /NDF: 1370362.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.617 $\pm$ 0.000 χ^2 /NDF: 2450112.2/17

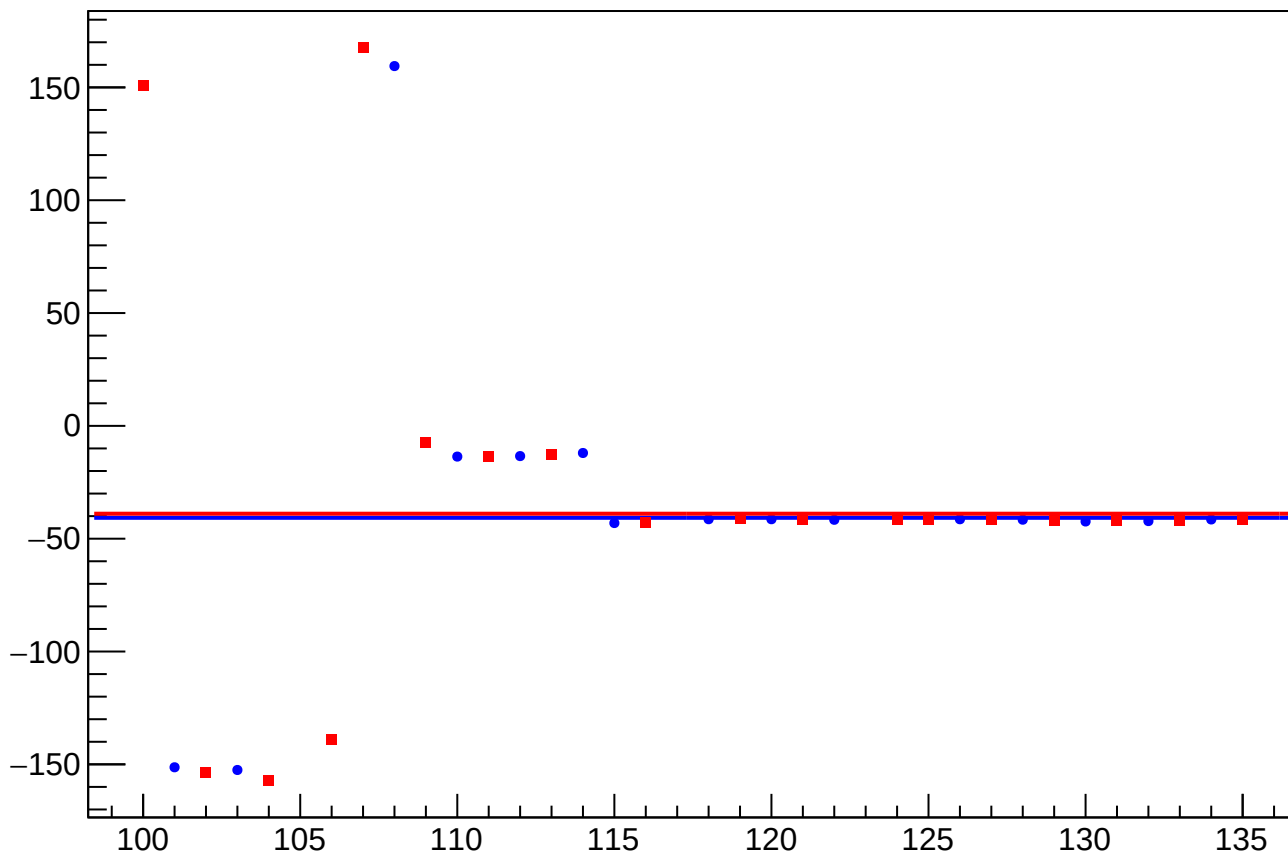
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.613 $\pm$ 0.000 χ^2 /NDF: 3821350.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4cY_mean vs Slug



Right In: -40.738+/-0.000 χ^2/NDF : 3445782180.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

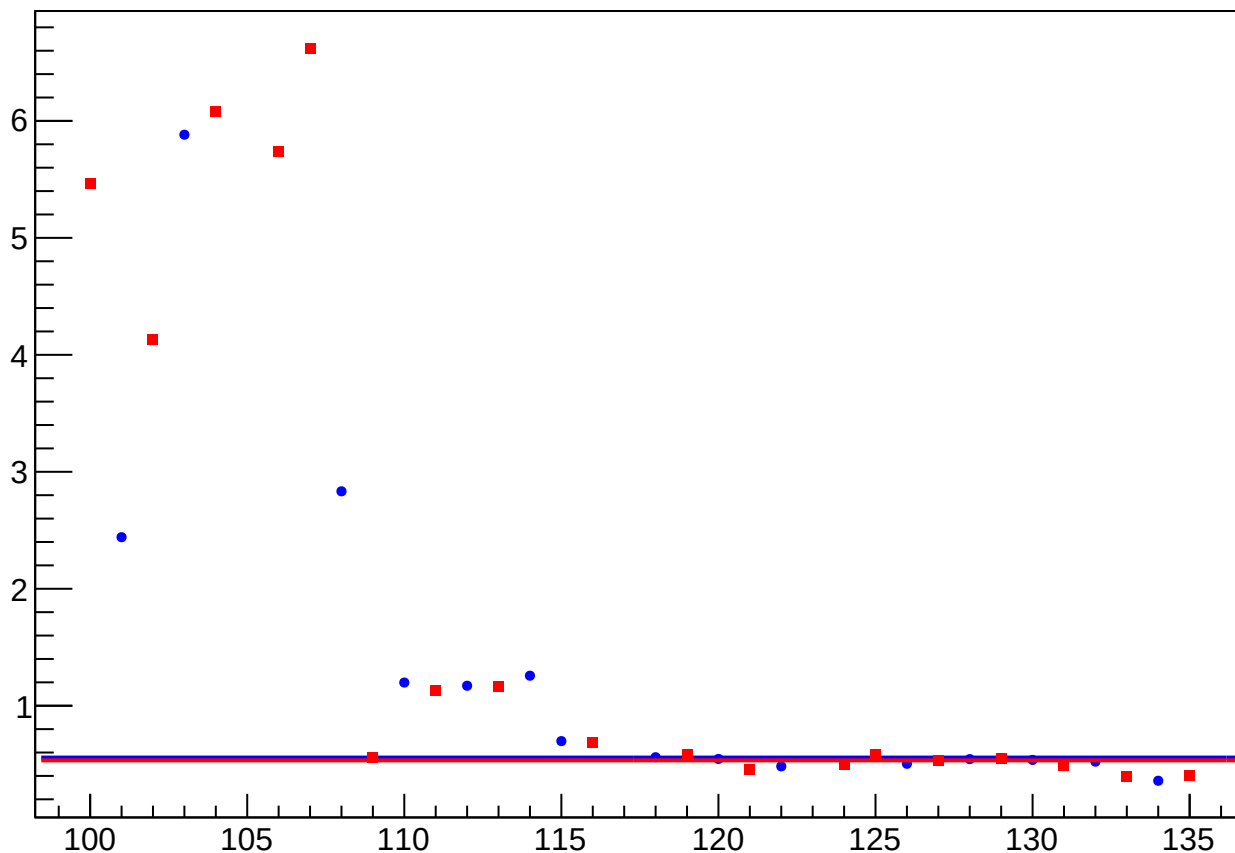
Right Out: -38.924+/-0.000 χ^2/NDF : 2471429703.6/17

All: -39.755+/-0.000 χ^2/NDF : 5942556601.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4cY_rms vs Slug



Right In: 0.557 $\pm$ 0.000 χ^2 /NDF: 2800570.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.533 $\pm$ 0.000 χ^2 /NDF: 3219020.9/17

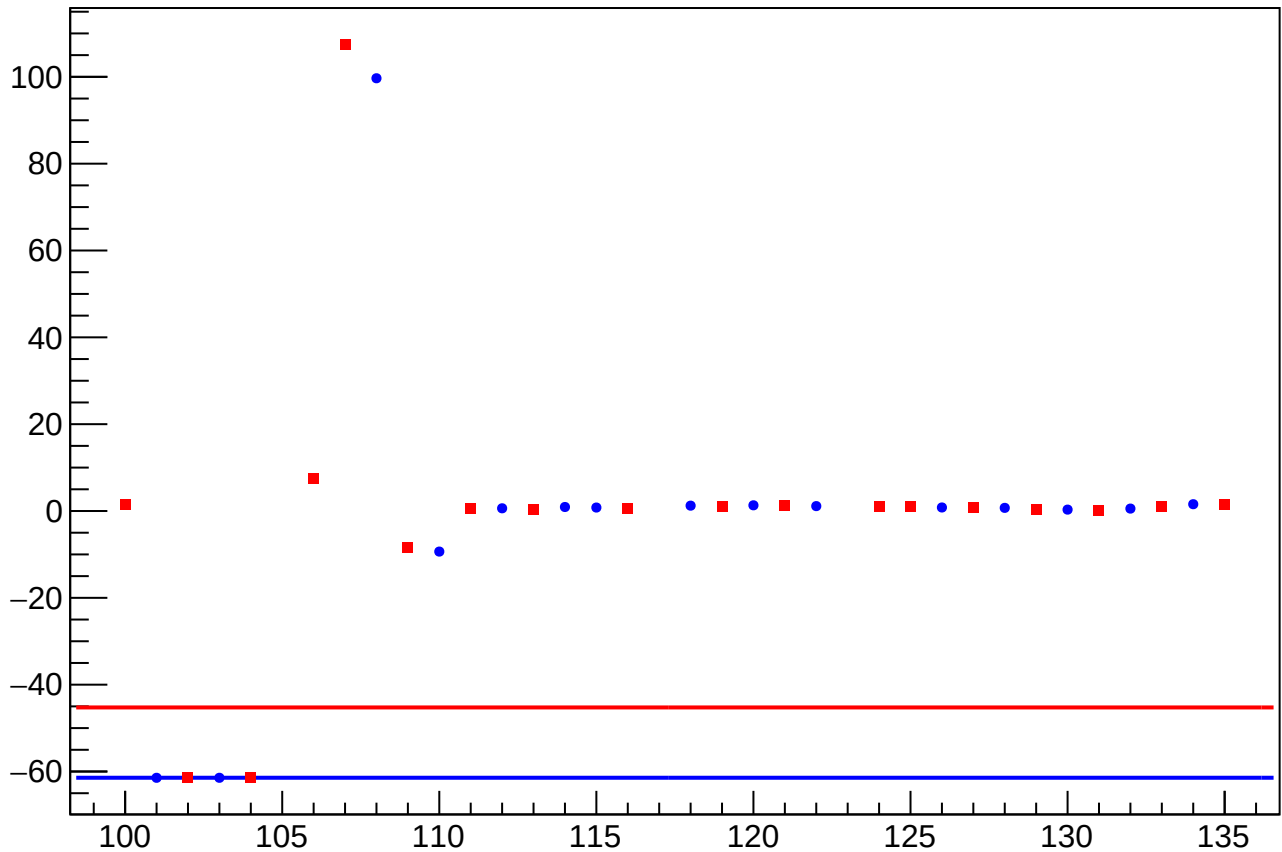
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.544 $\pm$ 0.000 χ^2 /NDF: 6028231.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_cav4dX_mean vs Slug



Right In: -61.437+/-0.000 χ^2/NDF : 250929250298.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

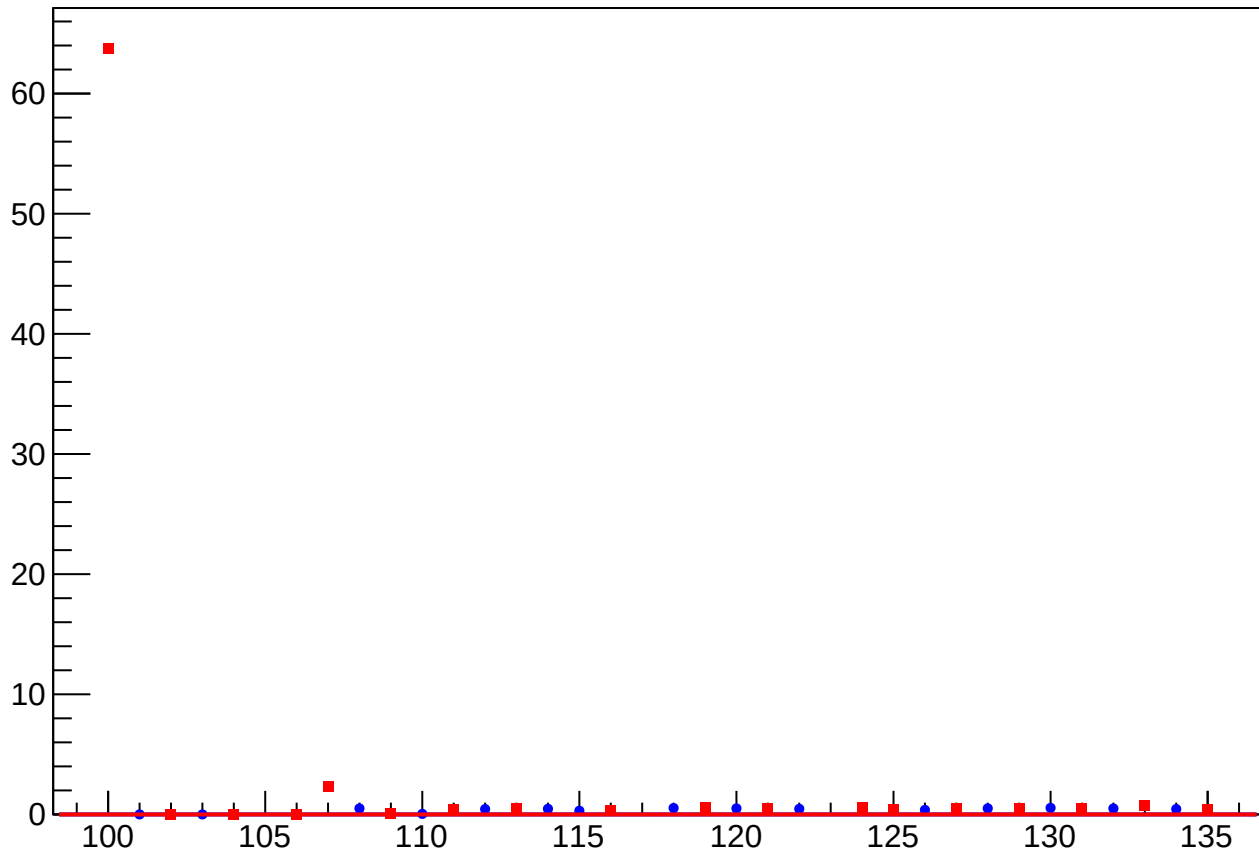
Right Out: -45.245+/-0.000 χ^2/NDF : 357867951773021.1/17

All: -52.750+/-0.000 χ^2/NDF : 409102001125

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dX_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 7783151.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 9028434.5/17

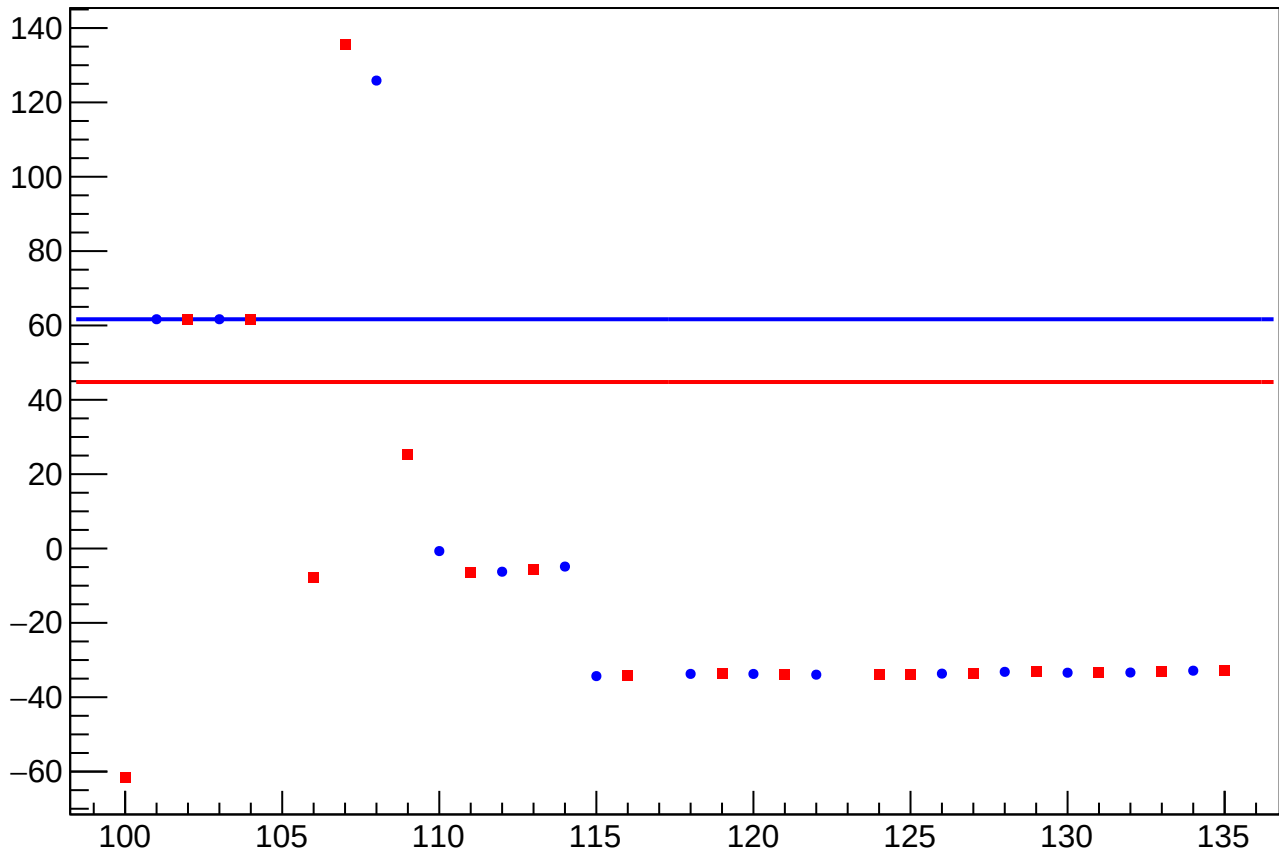
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 16811588.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_mean vs Slug



Right In: 61.666+/-0.000 χ^2/NDF : 242008209227.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.786+/-0.000 χ^2/NDF : 366075427898160.4/17

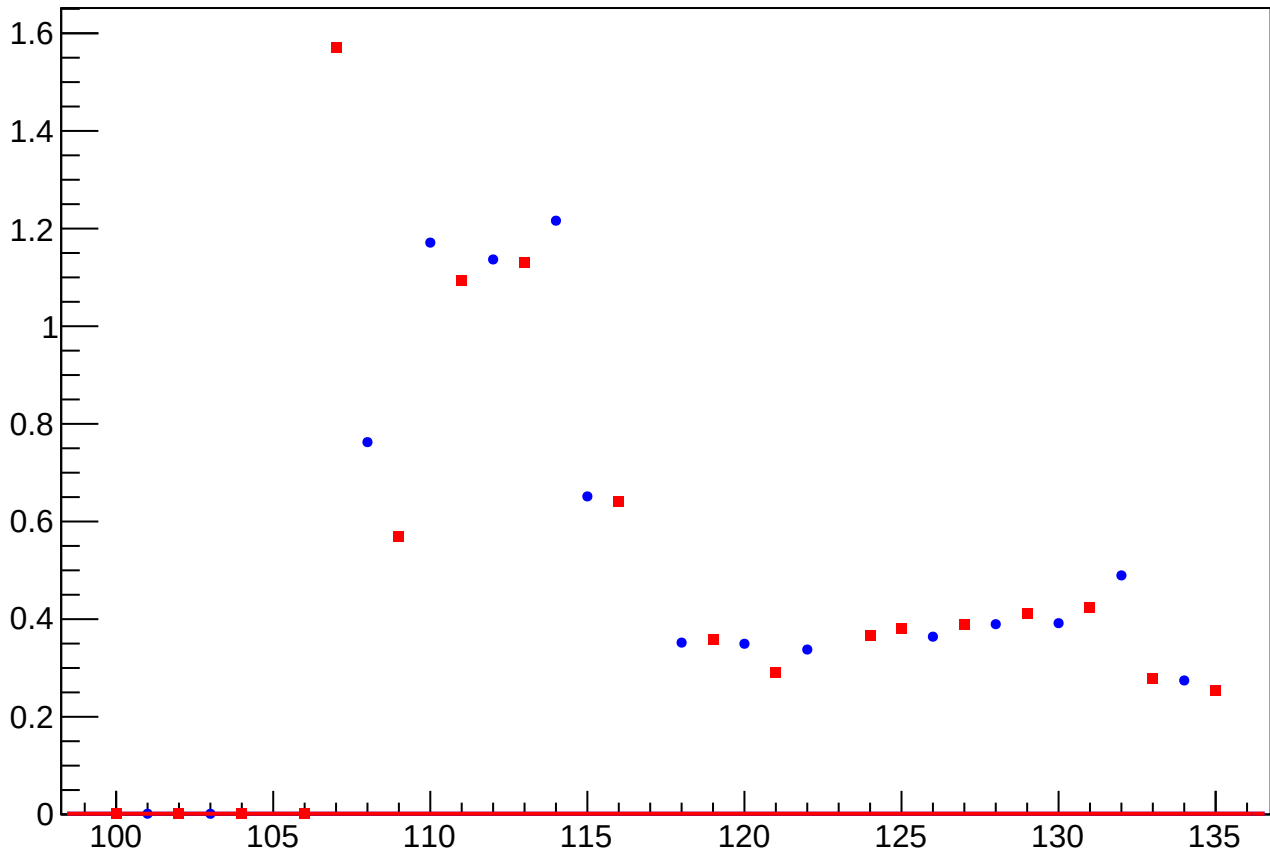
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.691+/-0.000 χ^2/NDF : 4174402158348

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_cav4dY_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 9388882.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 10184072.7/17

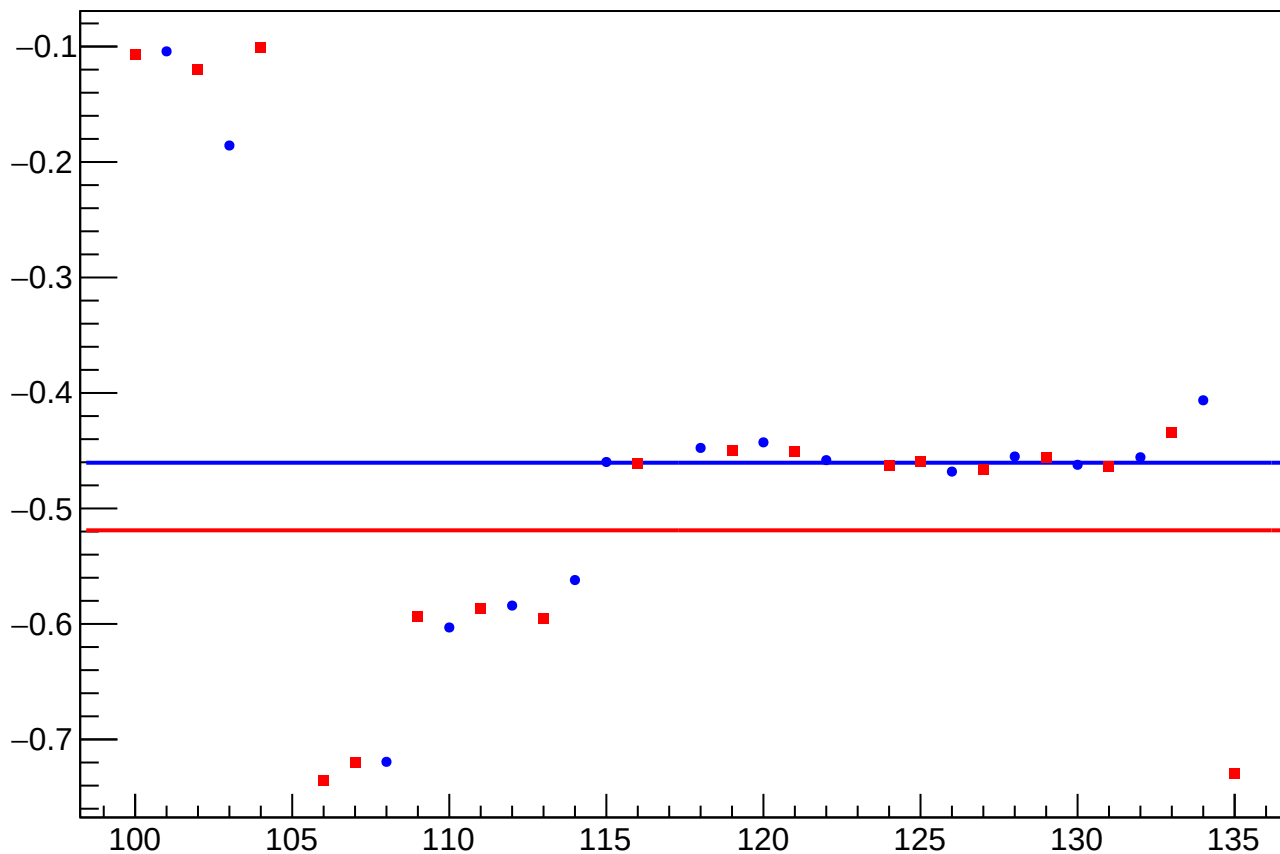
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 19573216.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_mean vs Slug



Right In: -0.460+/-0.000 χ^2/NDF : 108744808.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.519+/-0.000 χ^2/NDF : 183455577.4/17

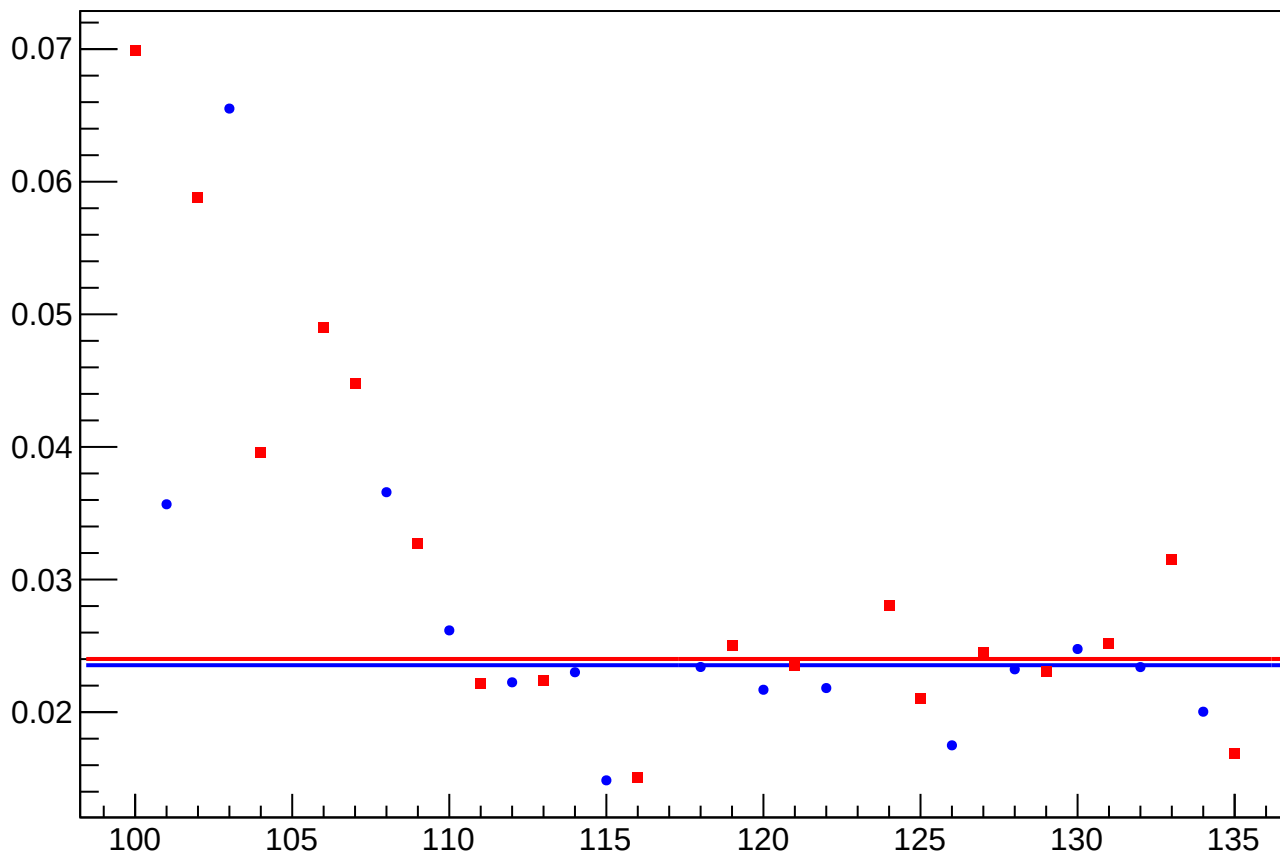
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.491+/-0.000 χ^2/NDF : 307712005.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aX_rms vs Slug



Right In: 0.024 $\pm$ 0.000 χ^2 /NDF: 858619.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.024 $\pm$ 0.000 χ^2 /NDF: 1226709.0/17

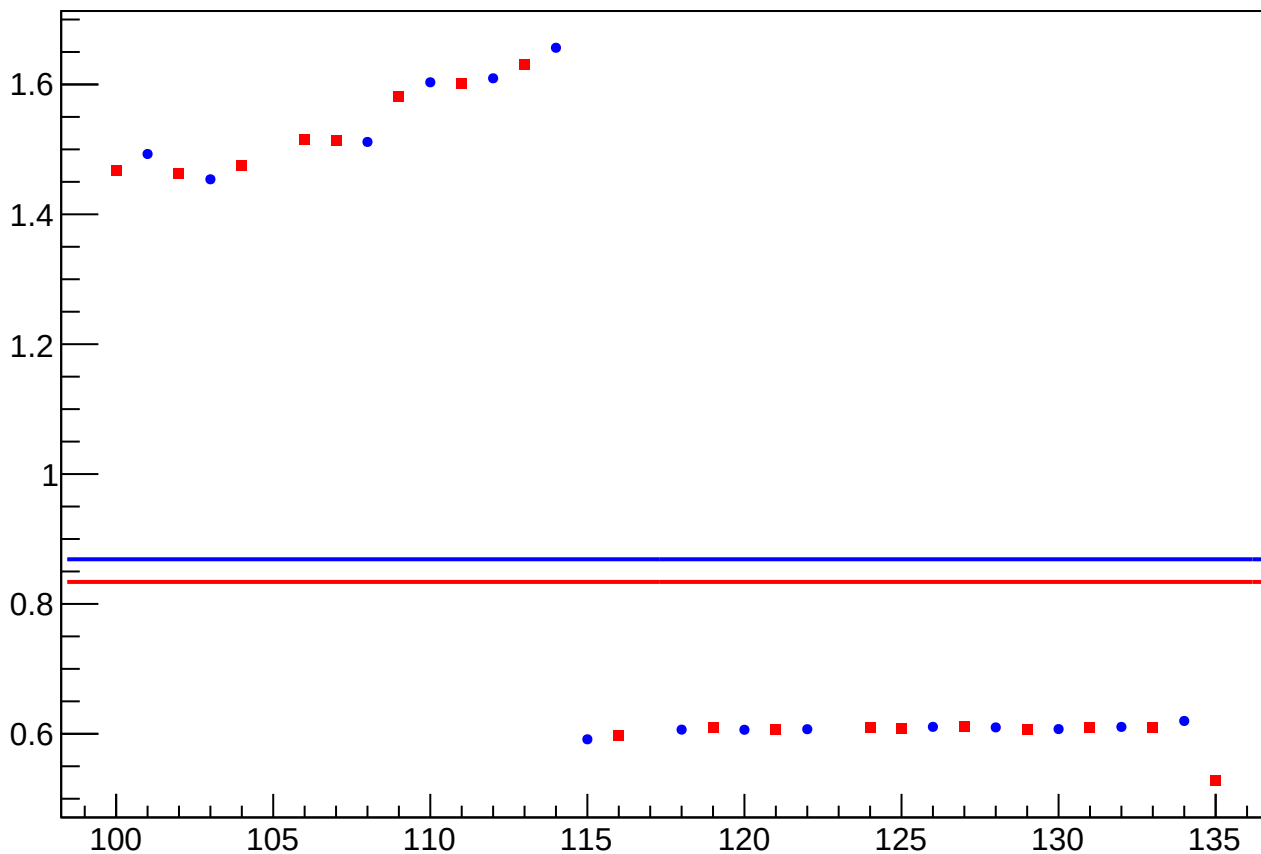
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.000 χ^2 /NDF: 2087331.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4aY_mean vs Slug



Right In: 0.869+/-0.000 χ^2/NDF : 3490764915.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.834+/-0.000 χ^2/NDF : 4571487093.3/17

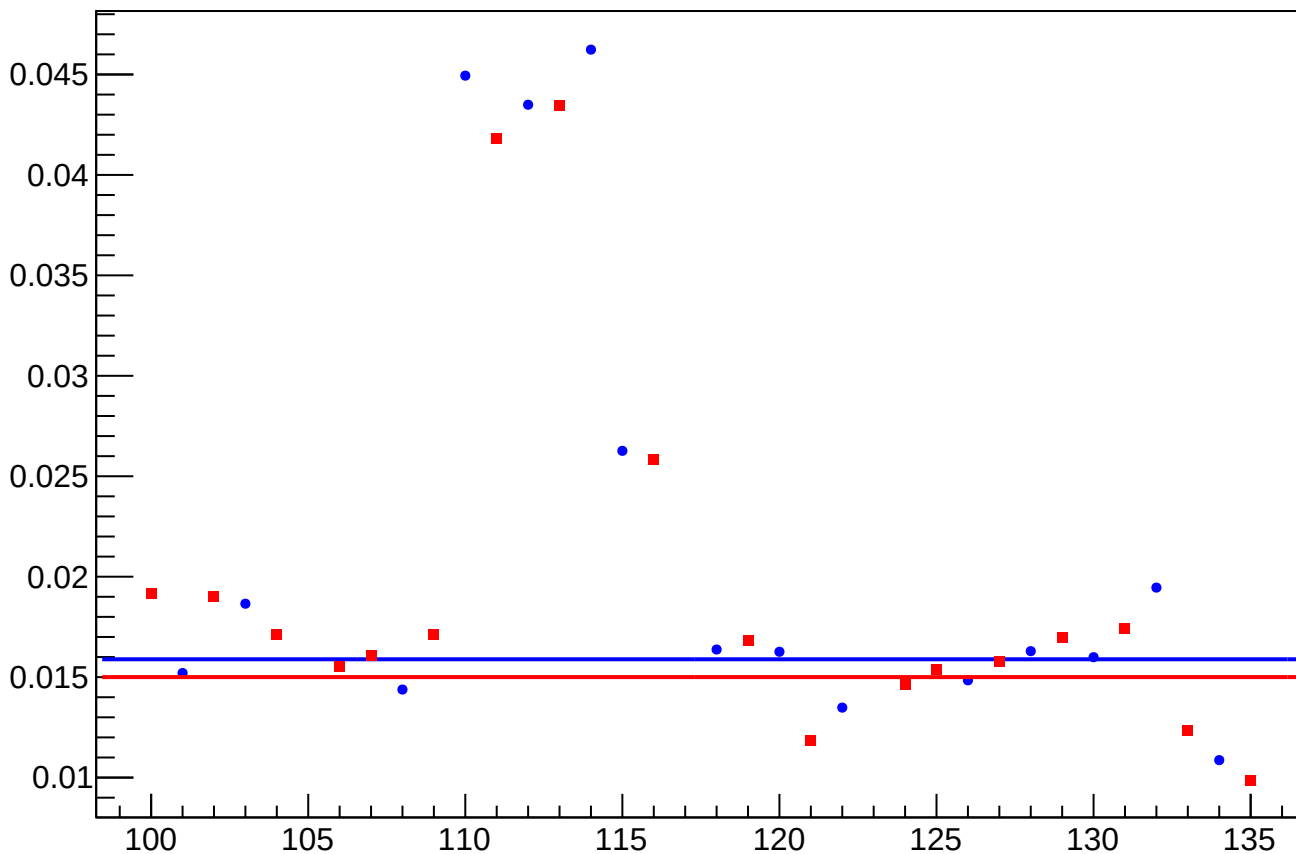
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.849+/-0.000 χ^2/NDF : 8076809990.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4aY_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1029668.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1321534.8/17

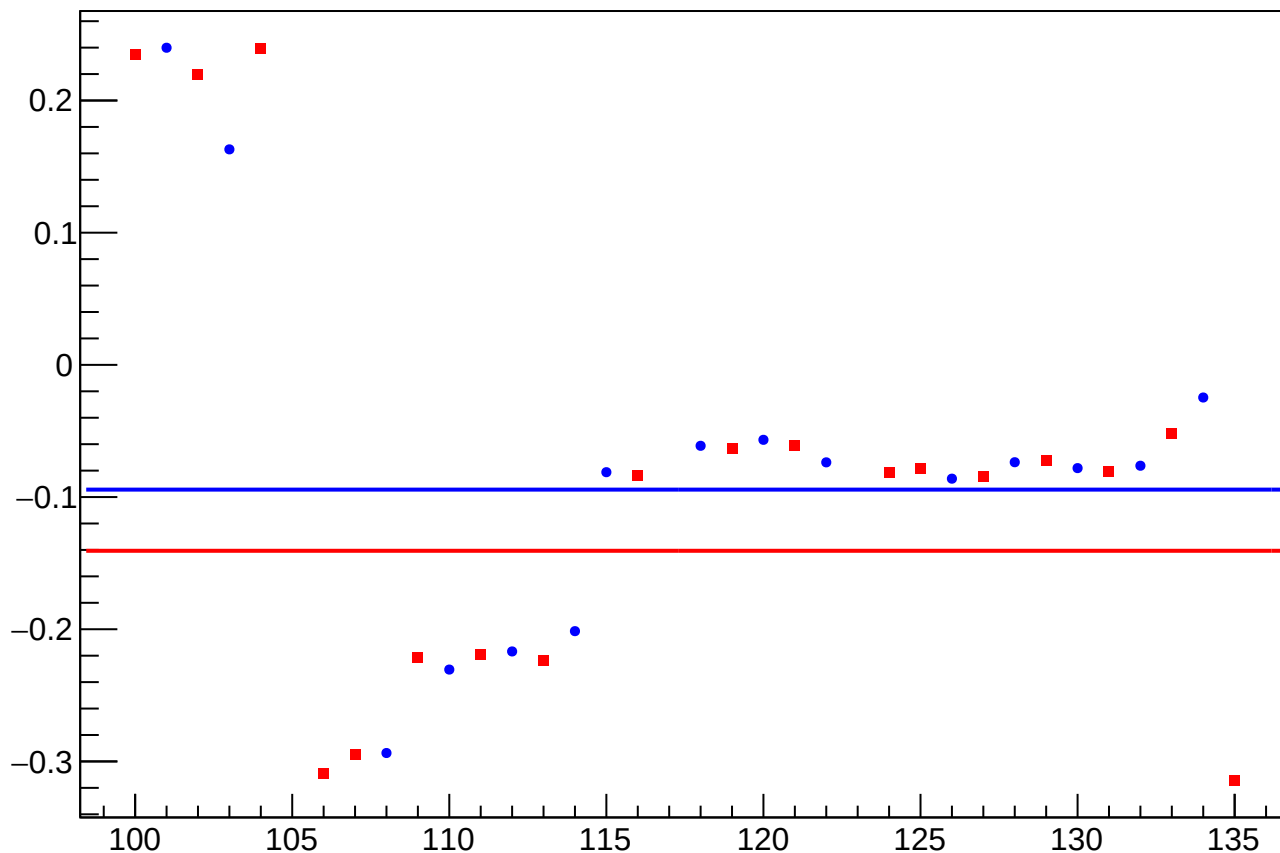
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2370064.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_mean vs Slug



Right In: -0.094+/-0.000 χ^2/NDF : 110801357.8/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.141+/-0.000 χ^2/NDF : 172931922.3/17

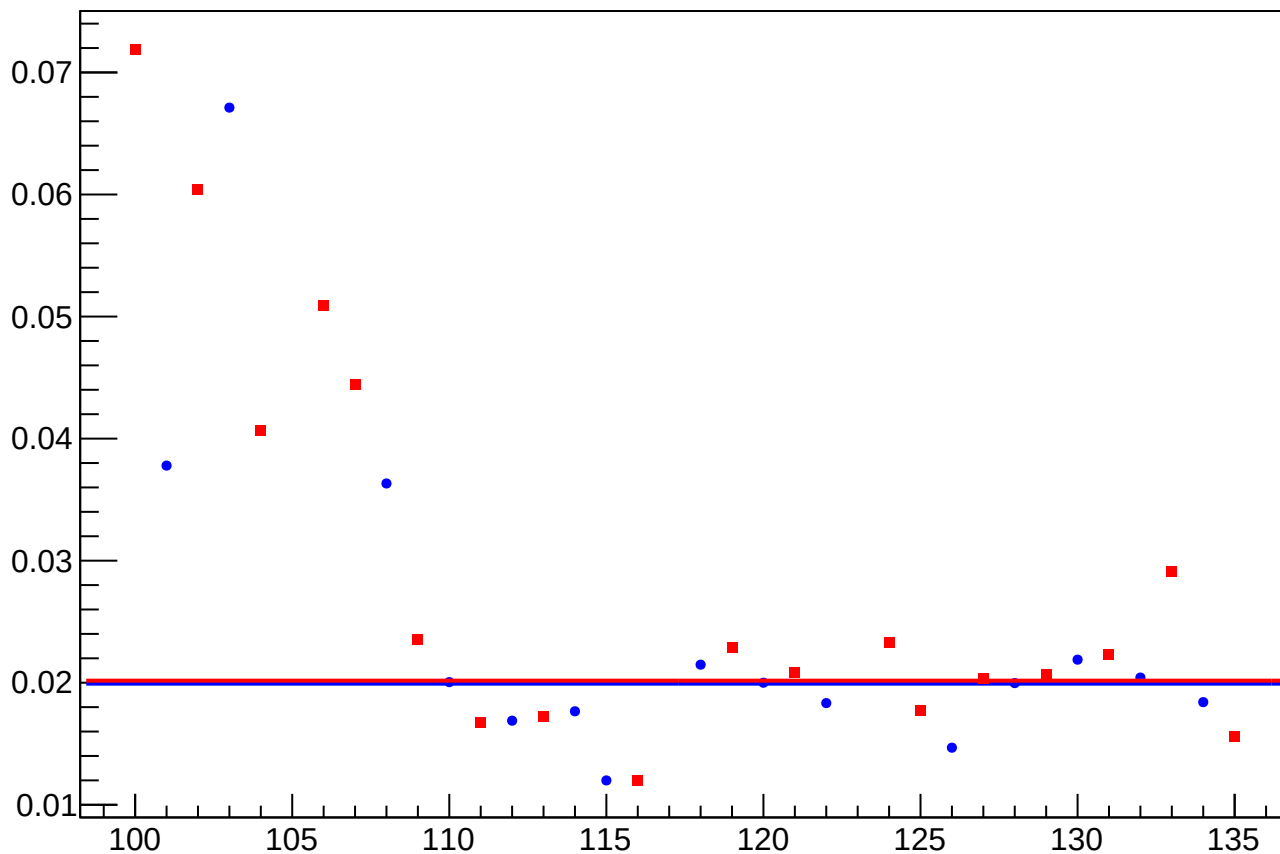
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.119+/-0.000 χ^2/NDF : 296992128.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eX_rms vs Slug



Right In: 0.020 $\pm$ 0.000 χ^2 /NDF: 1167581.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.020 $\pm$ 0.000 χ^2 /NDF: 1517684.4/17

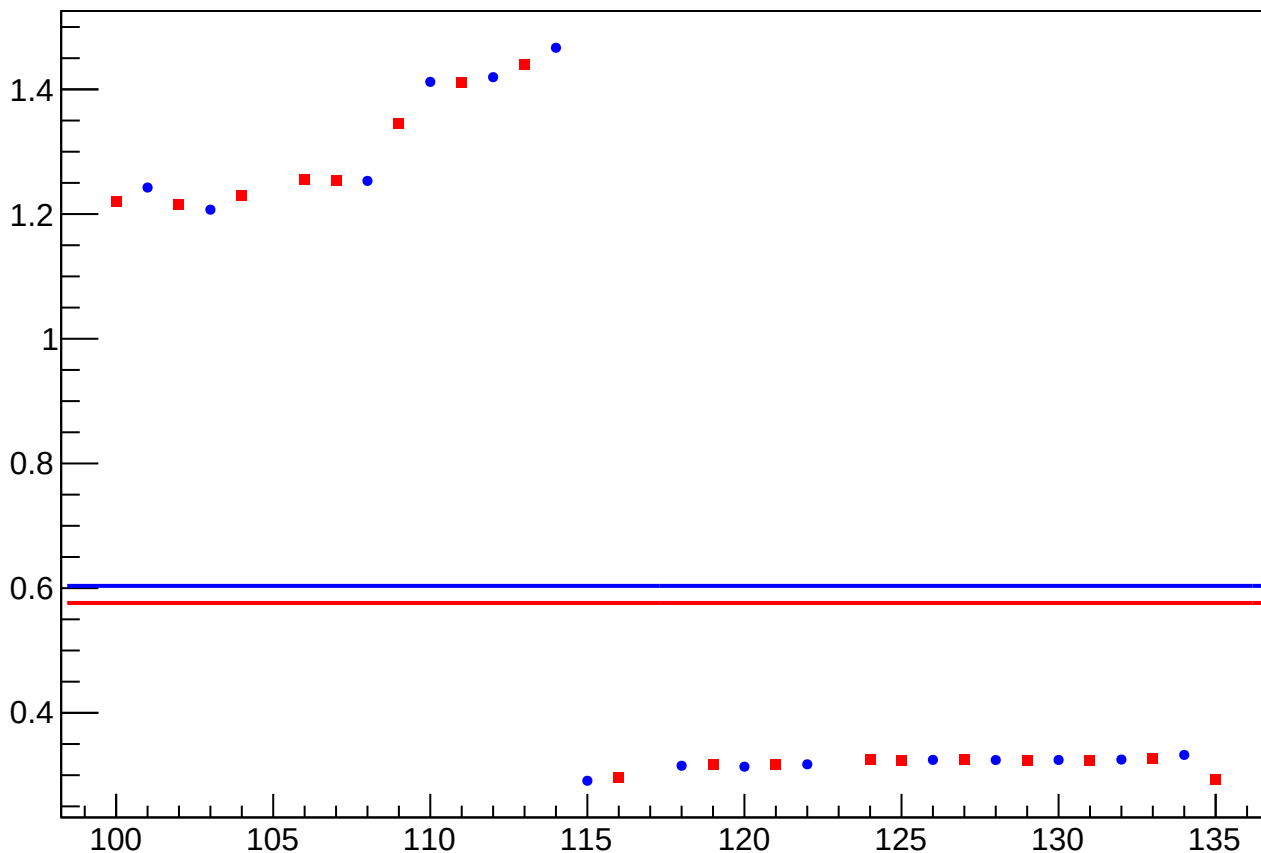
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.000 χ^2 /NDF: 2686014.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4eY_mean vs Slug



Right In: 0.604+/-0.000 χ^2/NDF : 5517666578.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.576+/-0.000 χ^2/NDF : 6547809689.2/17

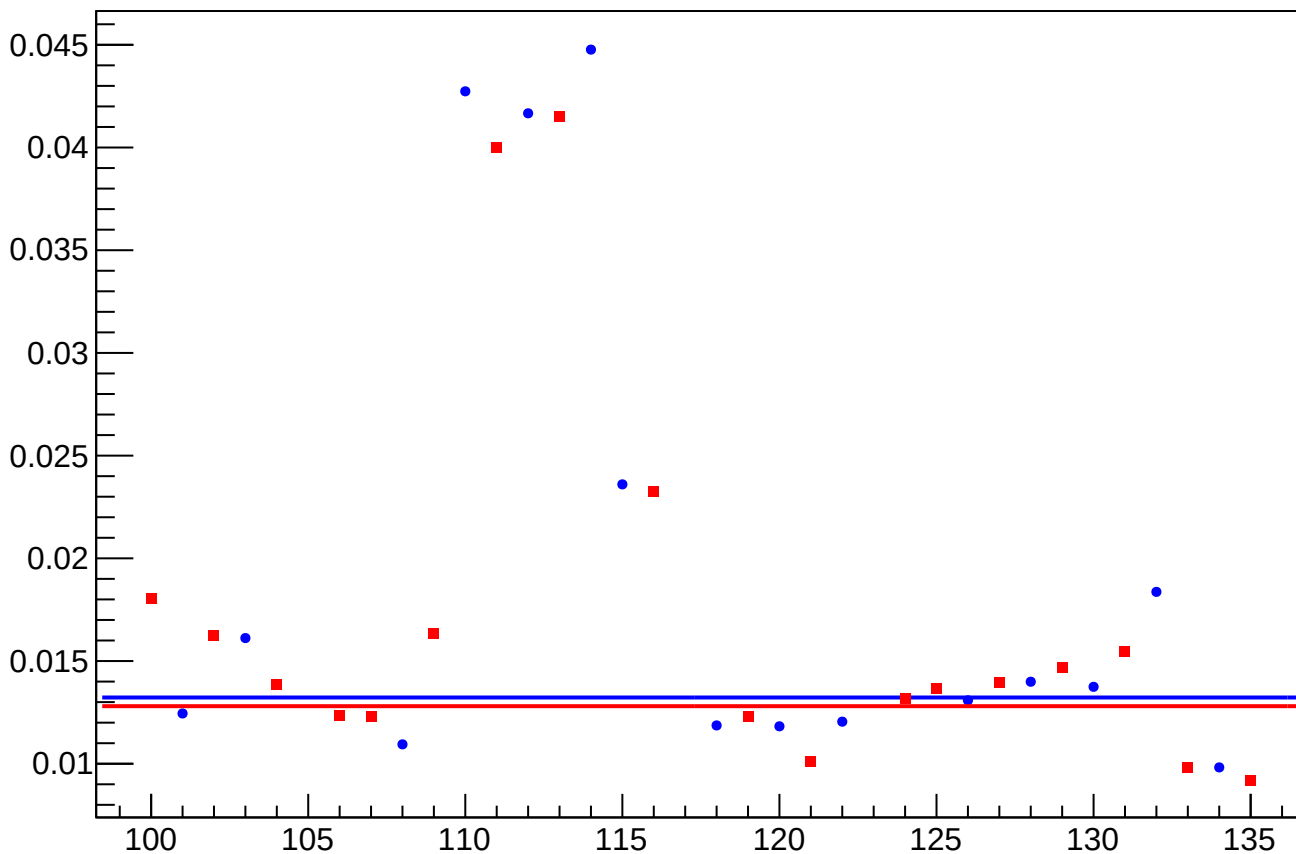
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.589+/-0.000 χ^2/NDF : 12077894276.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4eY_rms vs Slug



Right In: 0.013 $\pm$ 0.000 χ^2 /NDF: 1150836.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 1349255.5/17

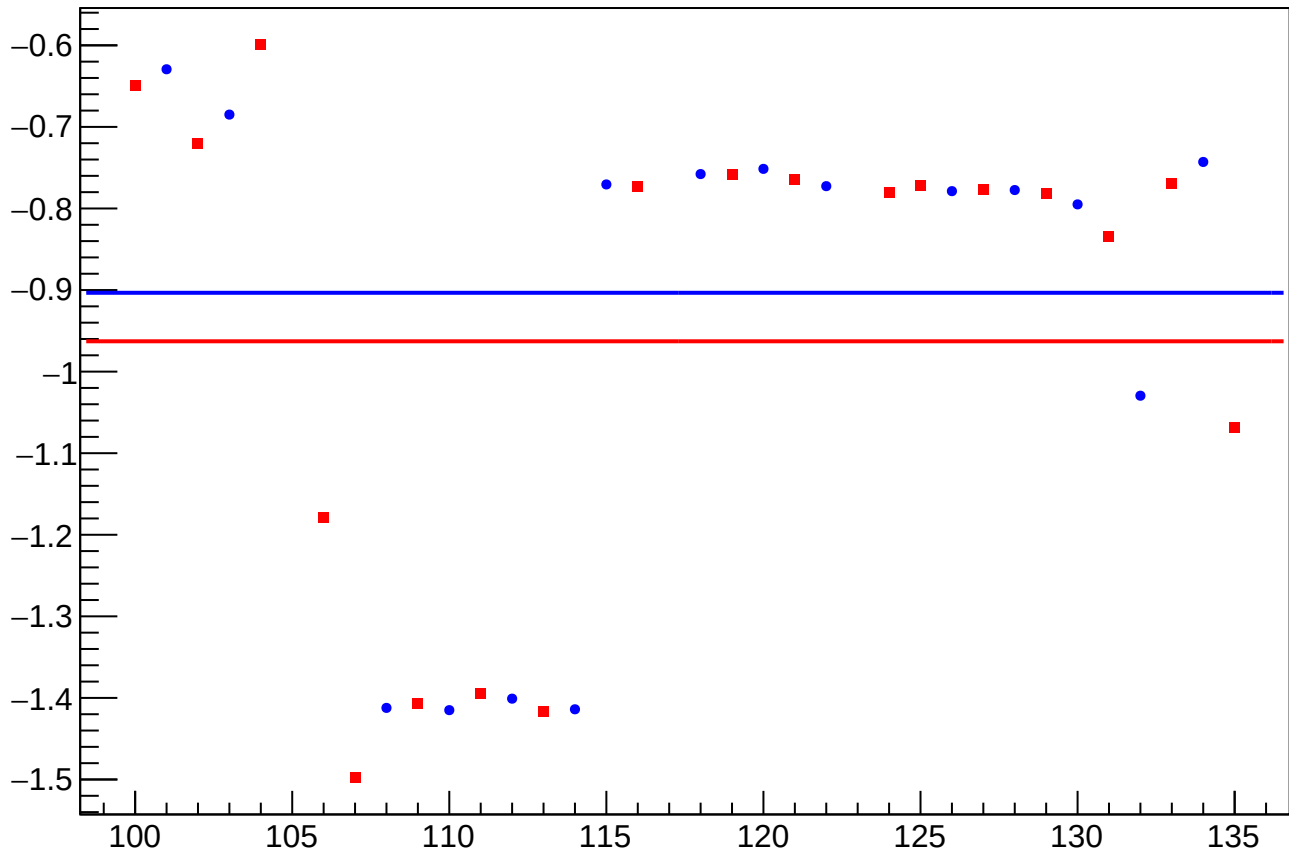
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 2506010.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm4acX_mean vs Slug



Right In: -0.903+/-0.000 χ^2/NDF : 614552632.9/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.963+/-0.000 χ^2/NDF : 703851989.5/17

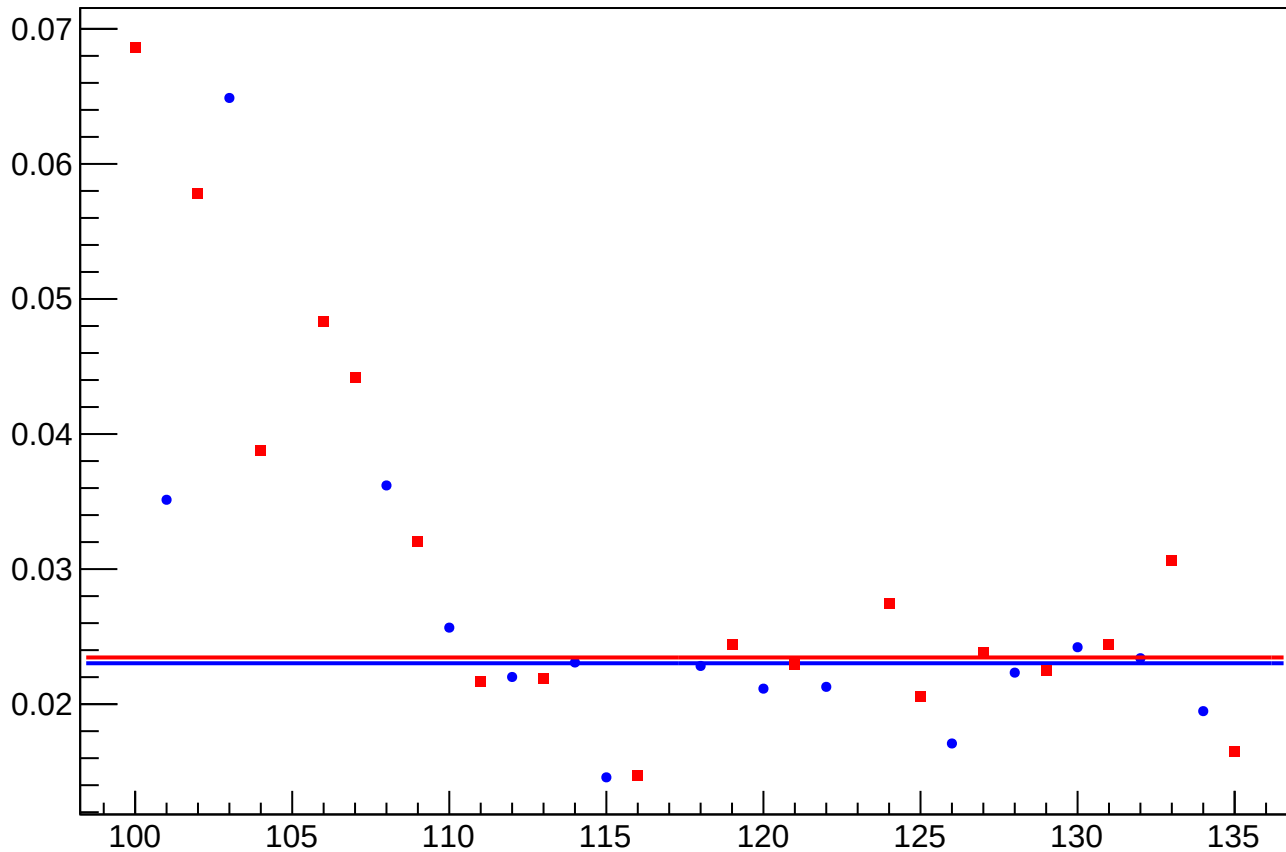
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.934+/-0.000 χ^2/NDF : 1335105571.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acX_rms vs Slug



Right In: 0.023+/-0.000 χ^2/NDF : 871093.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.000 χ^2/NDF : 1230273.9/17

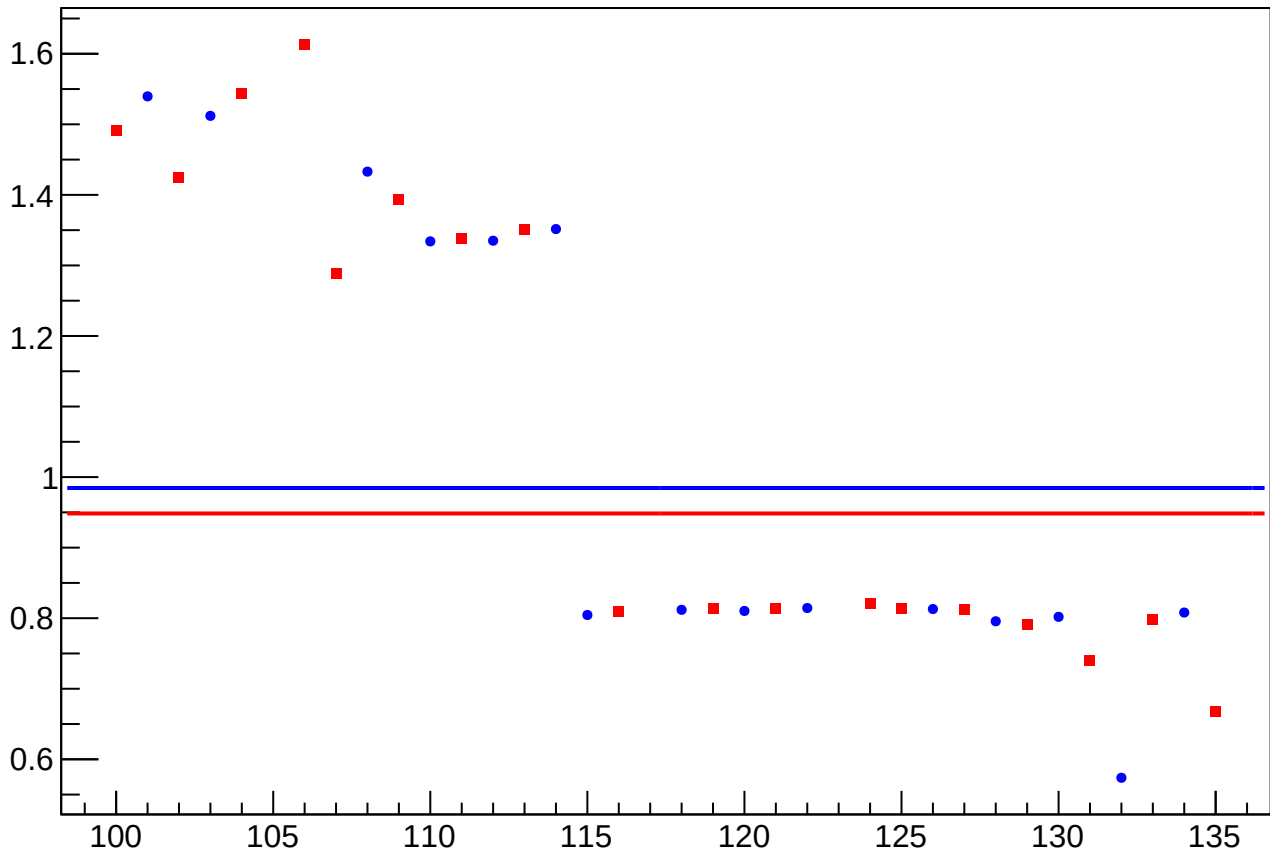
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.023+/-0.000 χ^2/NDF : 2103107.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_mean vs Slug



Right In: 0.985+/-0.000 χ^2/NDF : 2107897333.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.948+/-0.000 χ^2/NDF : 2604475225.4/17

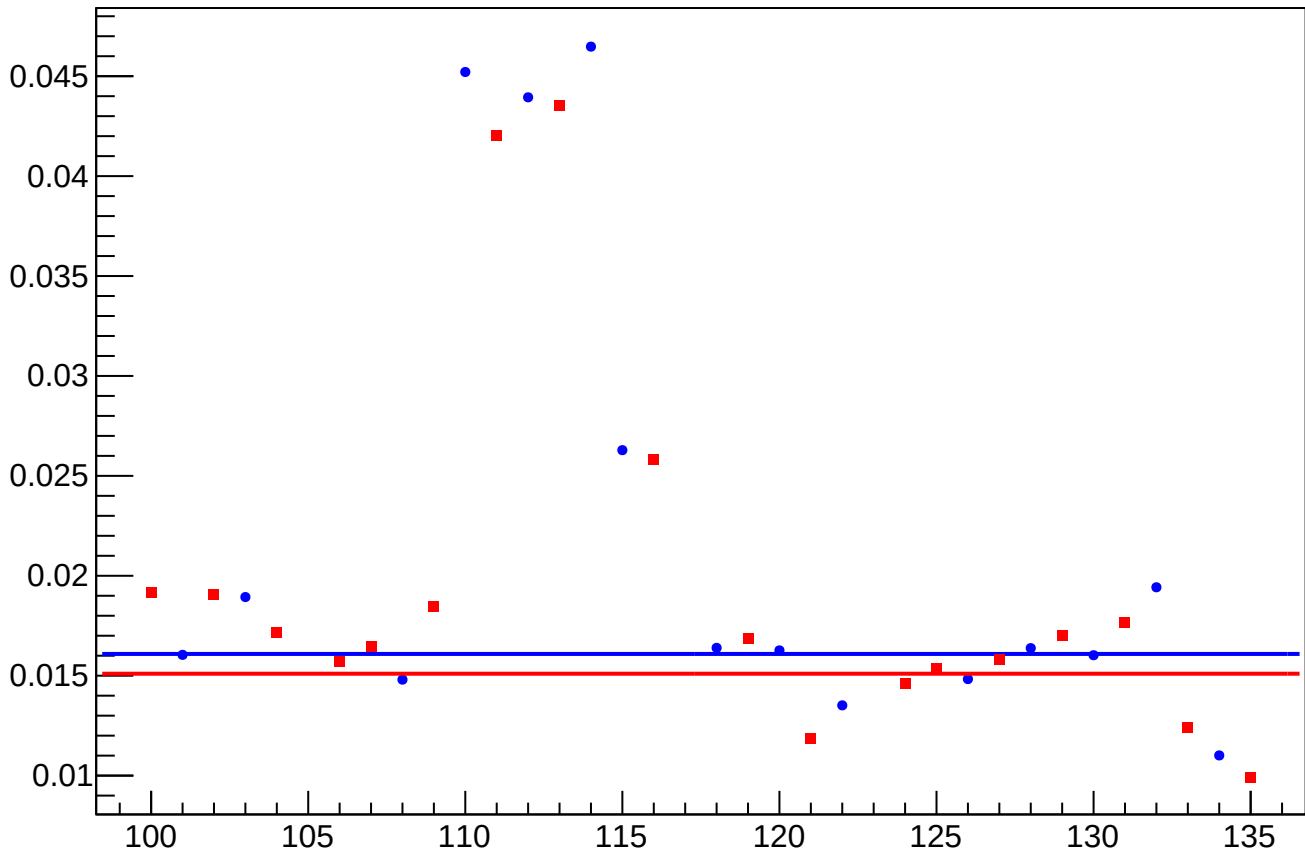
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.964+/-0.000 χ^2/NDF : 4727644363.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4acY_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 1020323.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 1332932.6/17

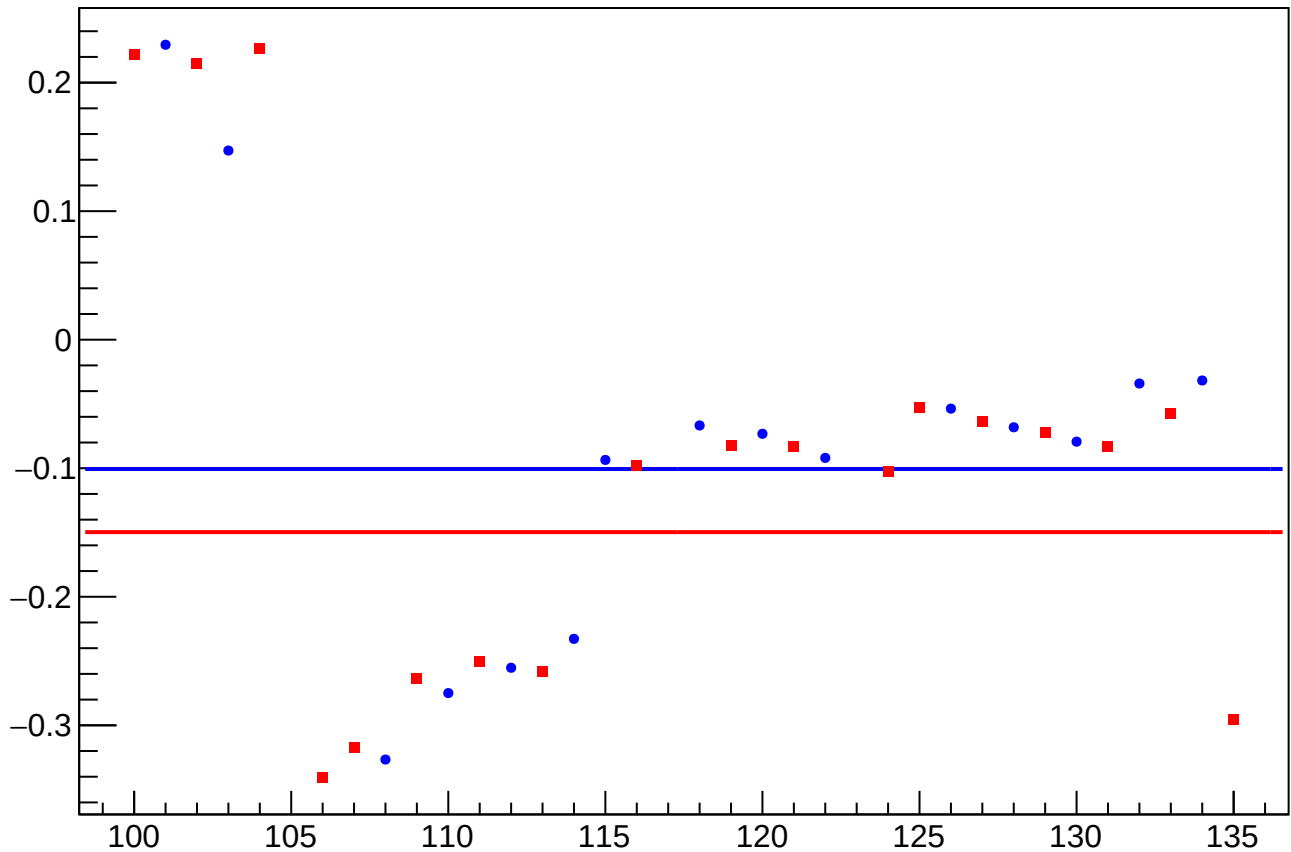
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2376152.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_mean vs Slug



Right In: -0.101+/-0.000 χ^2/NDF : 139359823.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.150+/-0.000 χ^2/NDF : 175212081.4/17

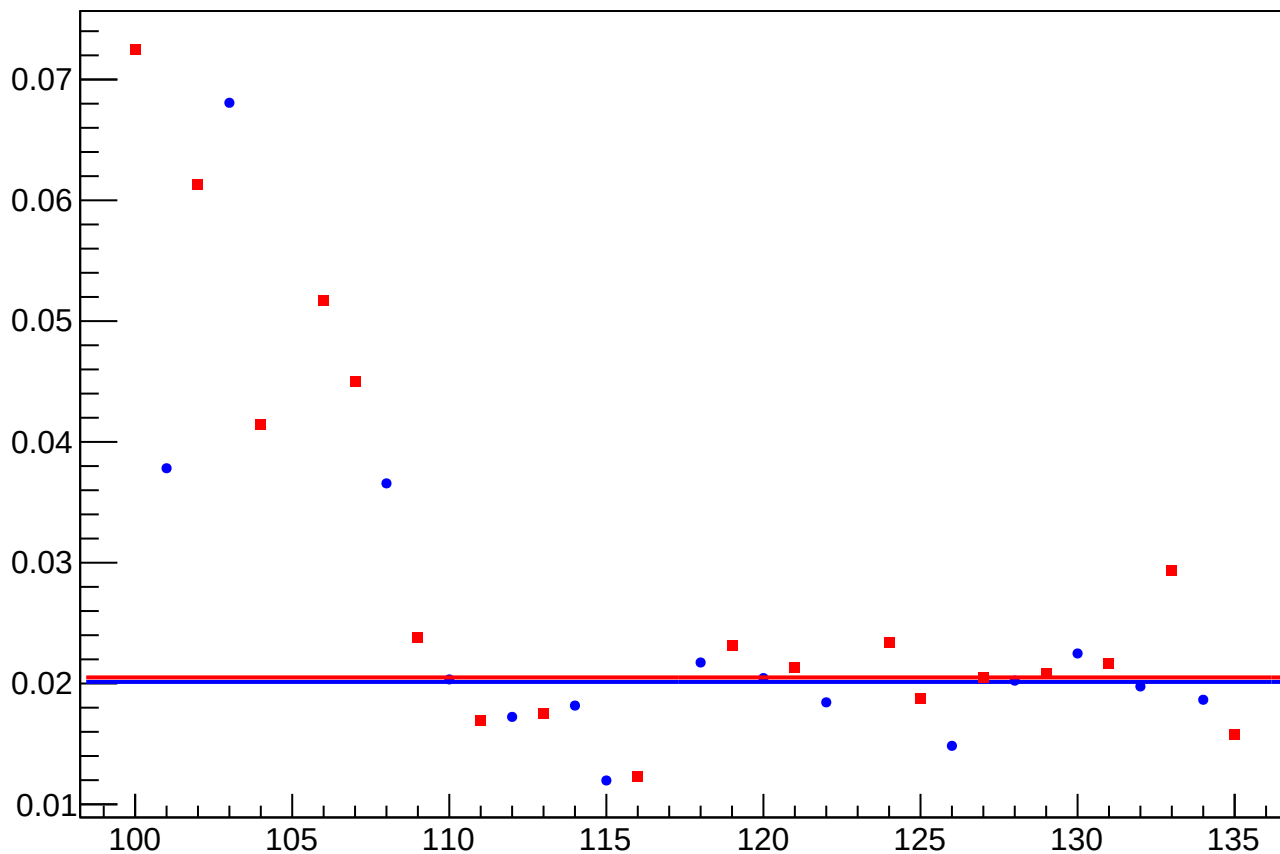
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.126+/-0.000 χ^2/NDF : 329094115.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecX_rms vs Slug



Right In: 0.020+/-0.000 χ^2/NDF : 1161838.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.021+/-0.000 χ^2/NDF : 1498615.6/17

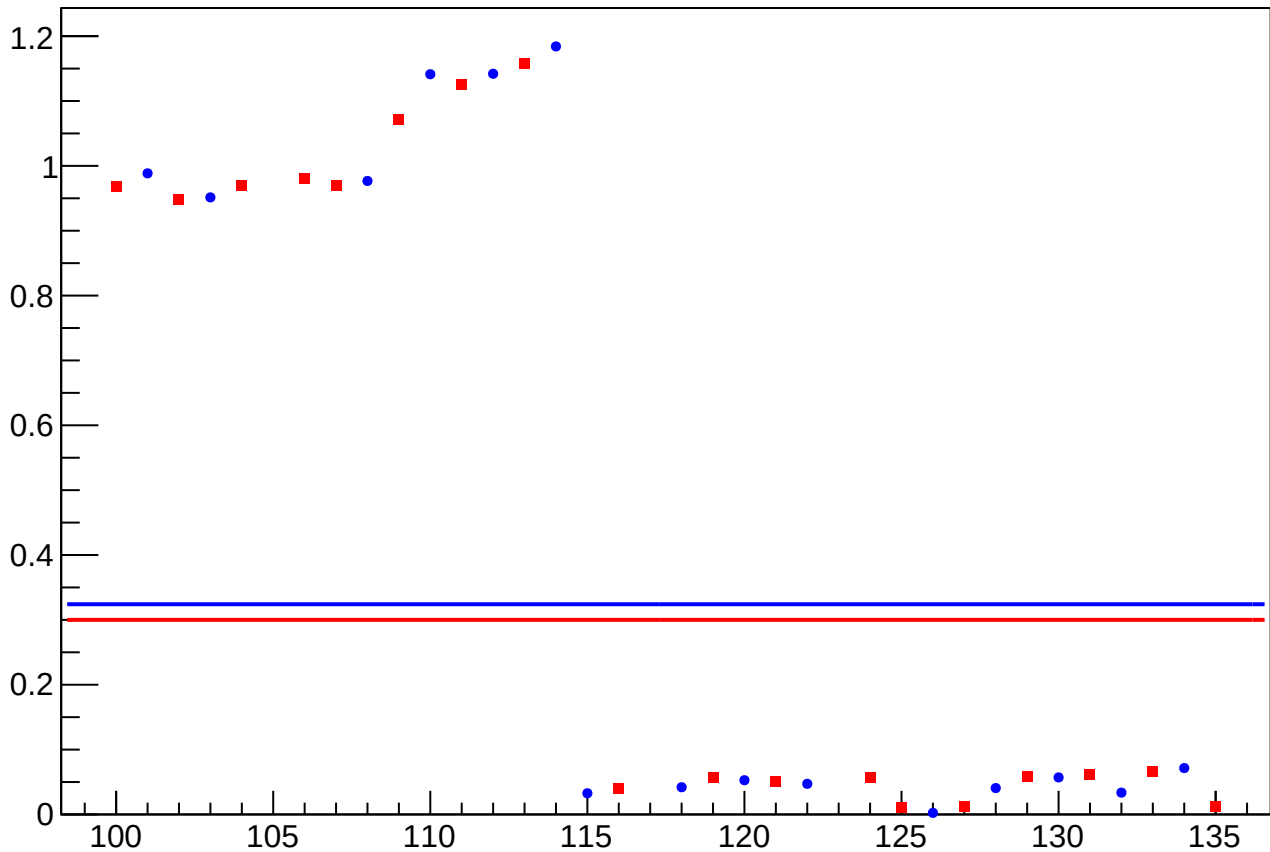
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.020+/-0.000 χ^2/NDF : 2662142.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_mean vs Slug



Right In: 0.324+/-0.000 χ^2/NDF : 5725545218.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.300+/-0.000 χ^2/NDF : 6554488873.6/17

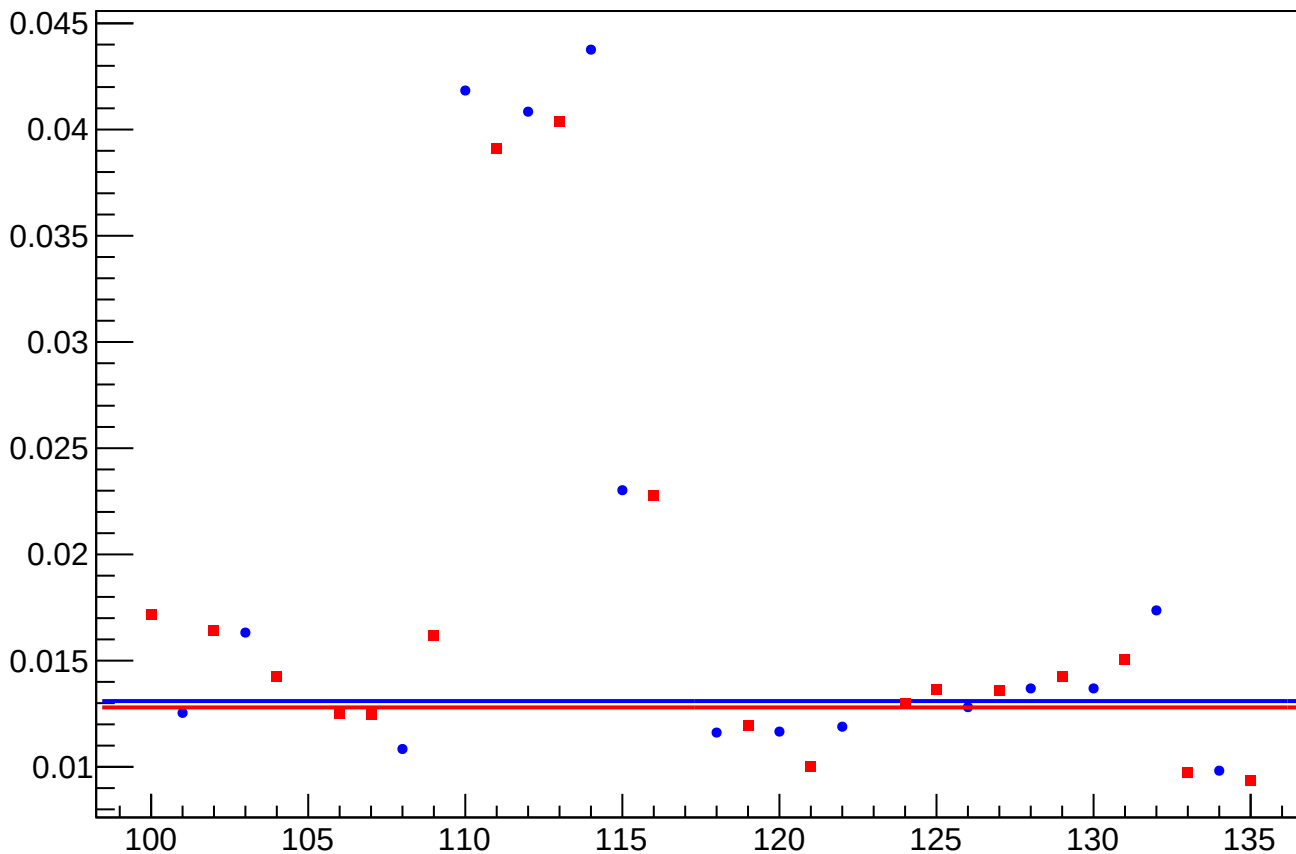
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.000 χ^2/NDF : 12289769200.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm4ecY_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 1131142.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 1302796.8/17

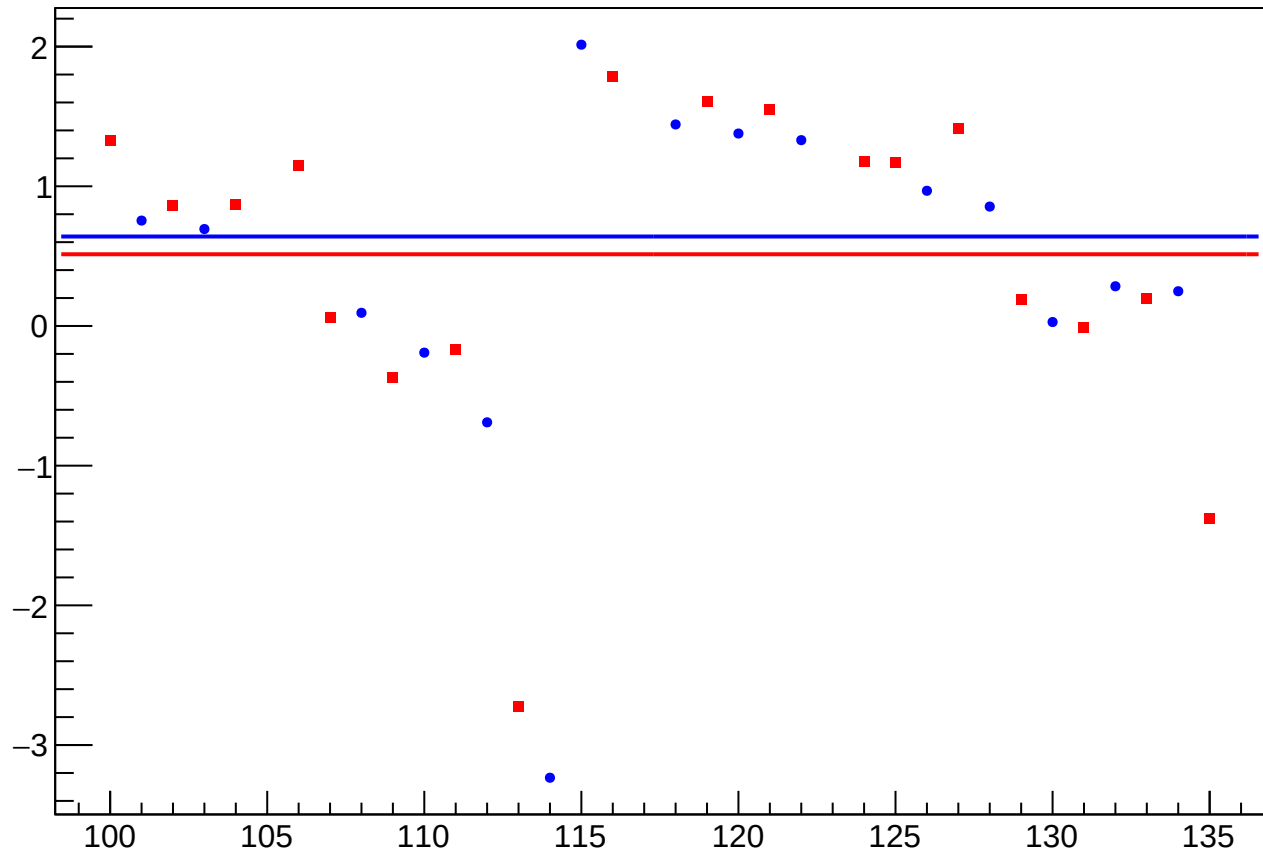
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 2436913.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_mean vs Slug



Right In: 0.641+/-0.000 χ^2/NDF : 424127269.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.513+/-0.000 χ^2/NDF : 1573847529.6/17

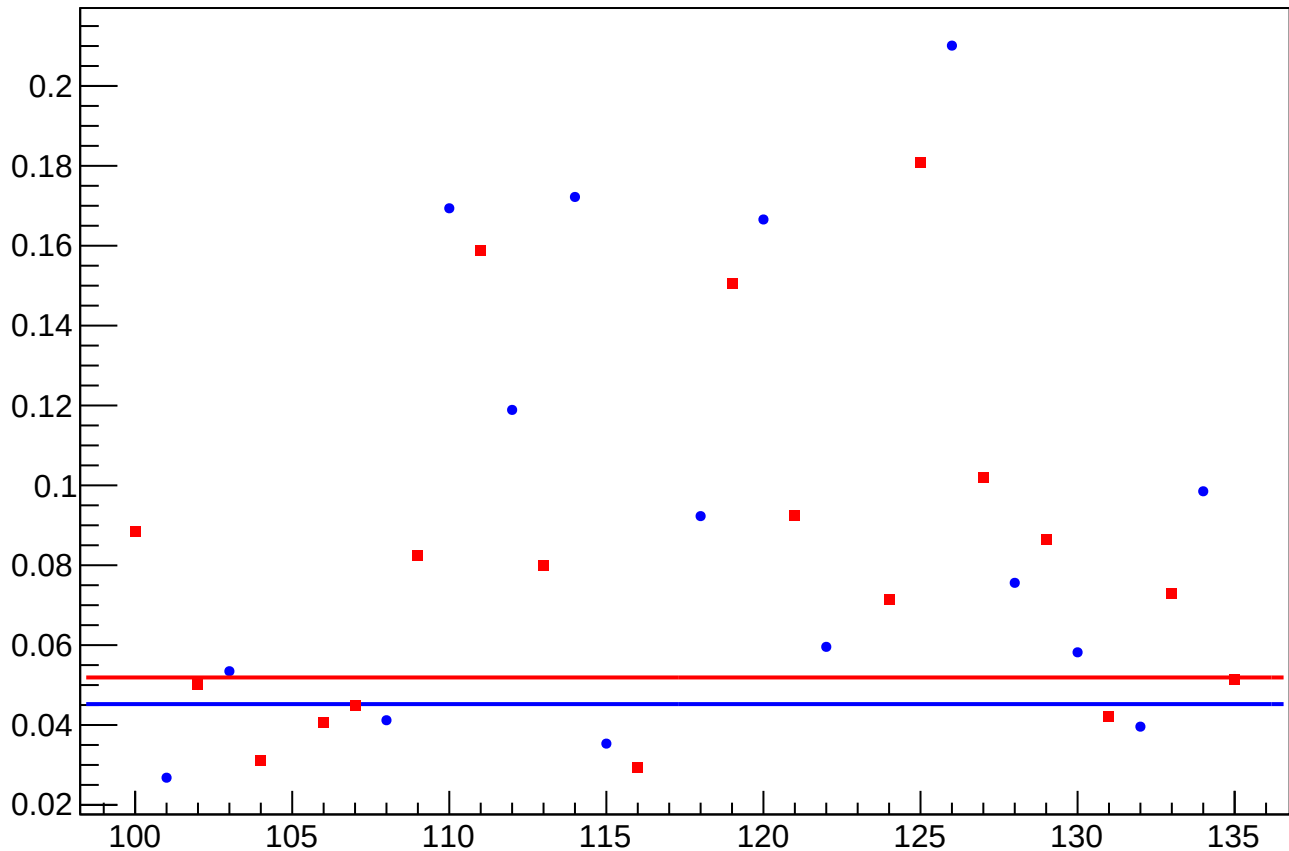
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.579+/-0.000 χ^2/NDF : 2011259203.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1X_rms vs Slug



Right In: 0.045+/-0.000 χ^2/NDF : 2748600.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.052+/-0.000 χ^2/NDF : 2353839.5/17

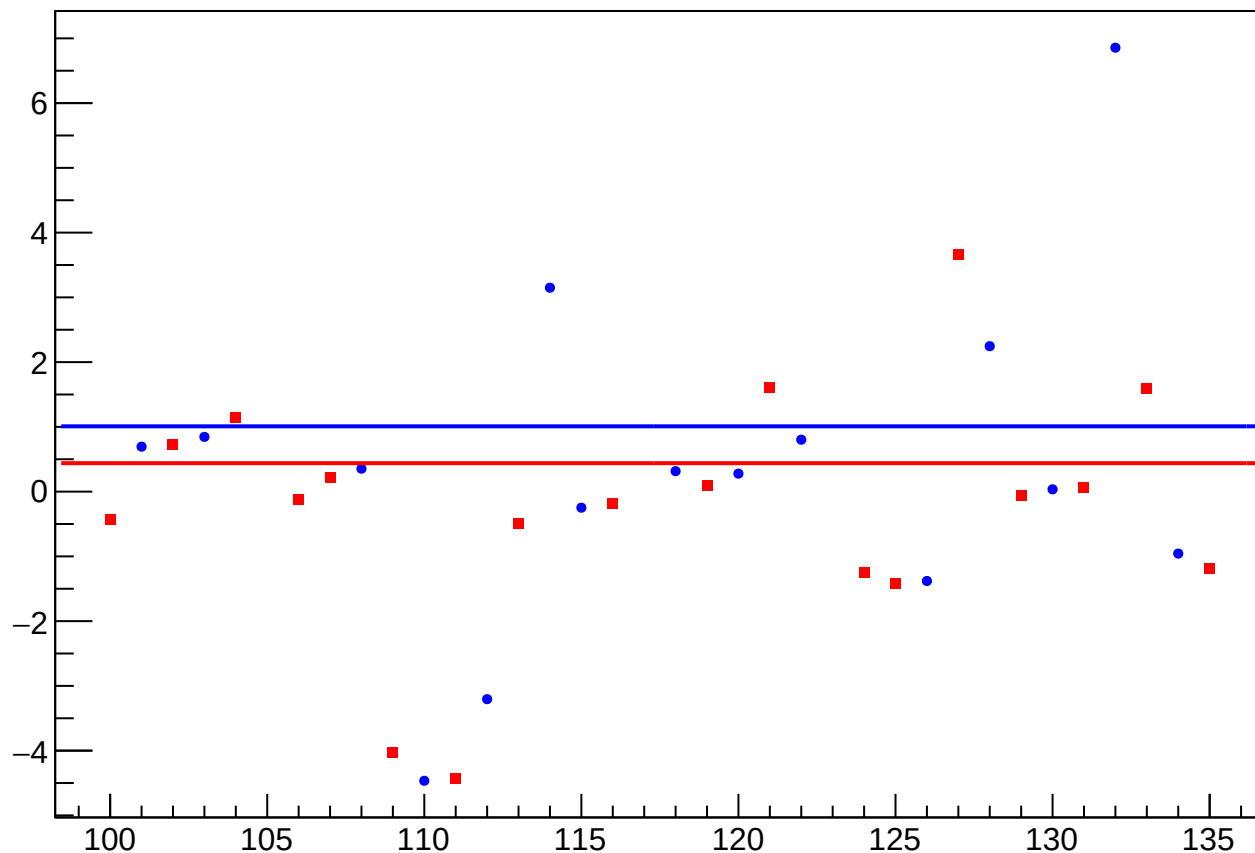
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.048+/-0.000 χ^2/NDF : 5175575.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_mean vs Slug



Right In: 1.009+/-0.000 χ^2/NDF : 10453010015.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.440+/-0.000 χ^2/NDF : 4987736860.8/17

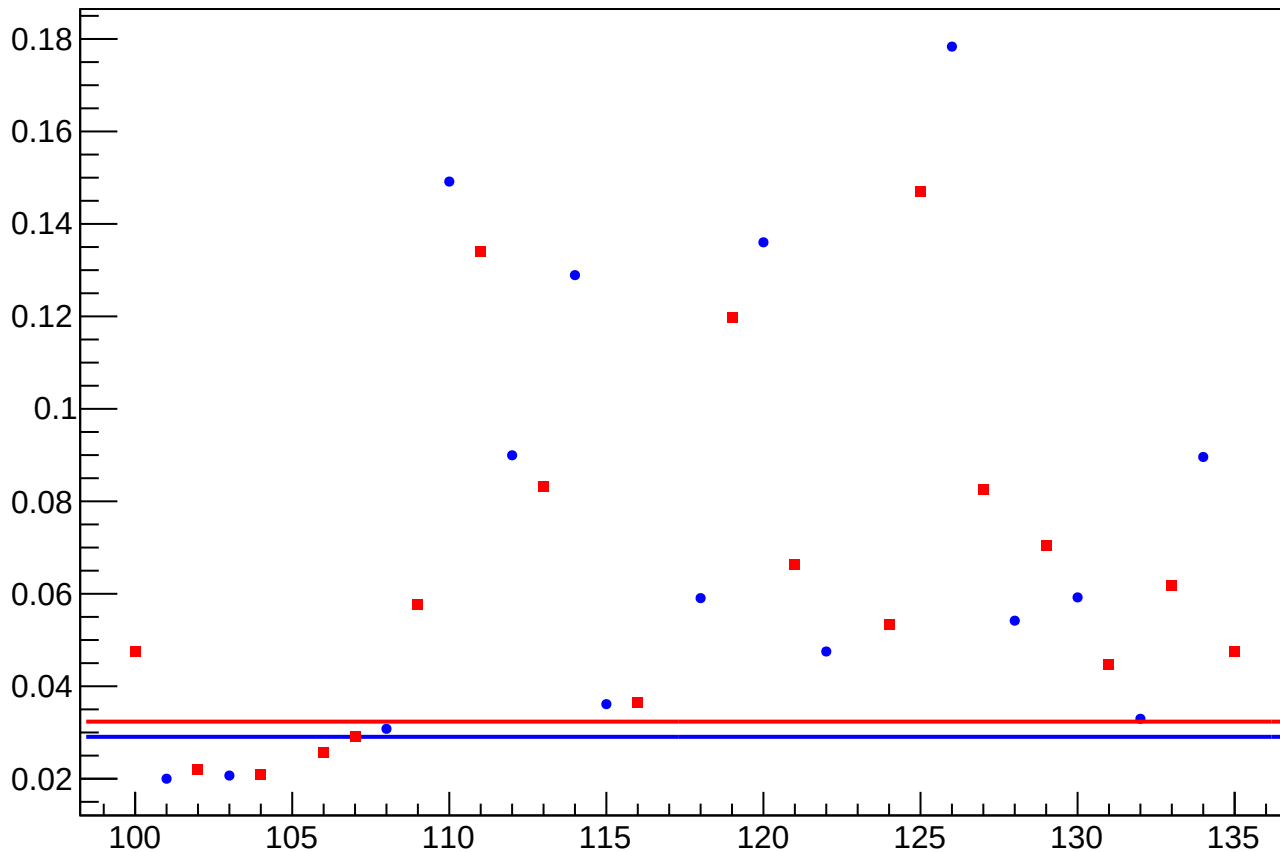
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.726+/-0.000 χ^2/NDF : 16067170887.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1Y_rms vs Slug



Right In: 0.029+/-0.000 χ^2/NDF : 3180119.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.032+/-0.000 χ^2/NDF : 3302306.1/17

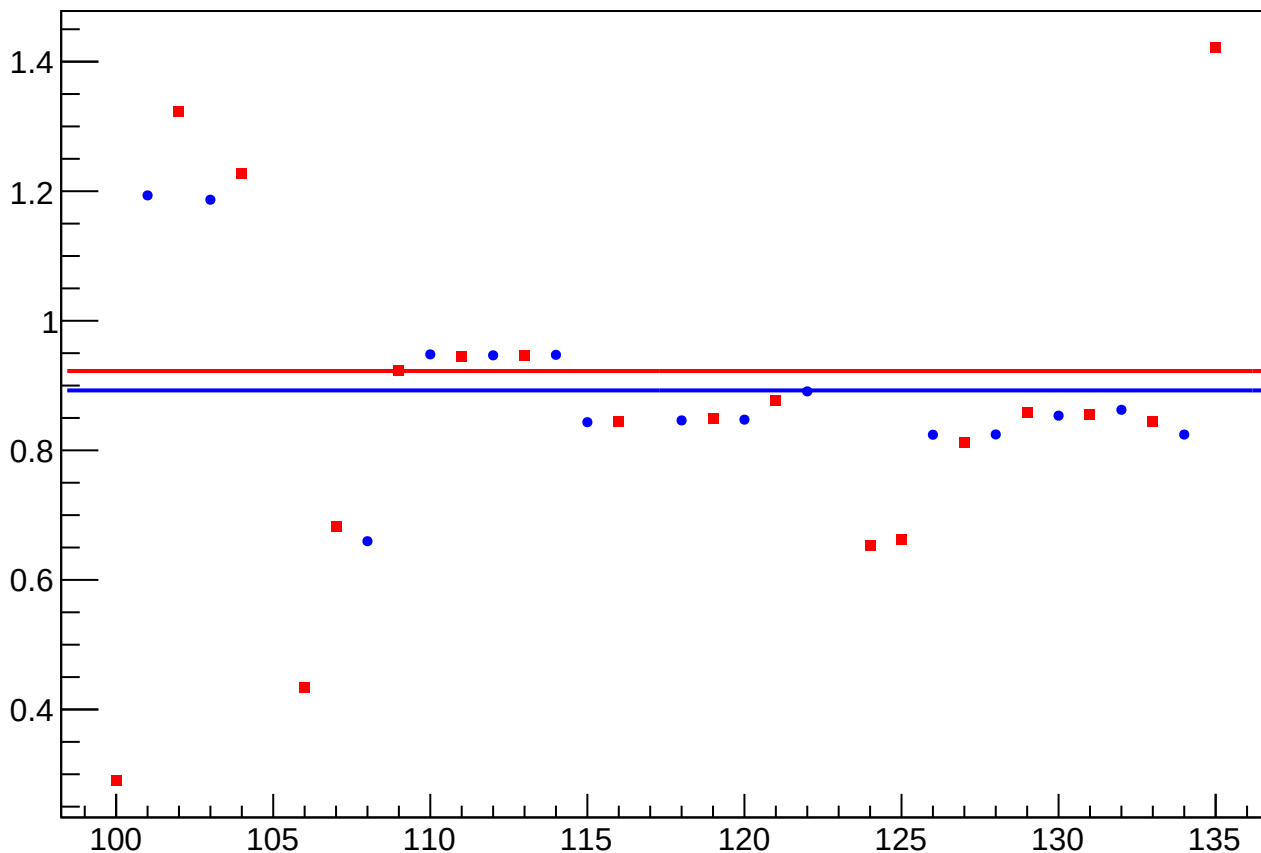
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 6524231.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11X_mean vs Slug



Right In: 0.893 $\pm$ 0.000 χ^2 /NDF: 352837150.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.922 $\pm$ 0.000 χ^2 /NDF: 1389191992.4/17

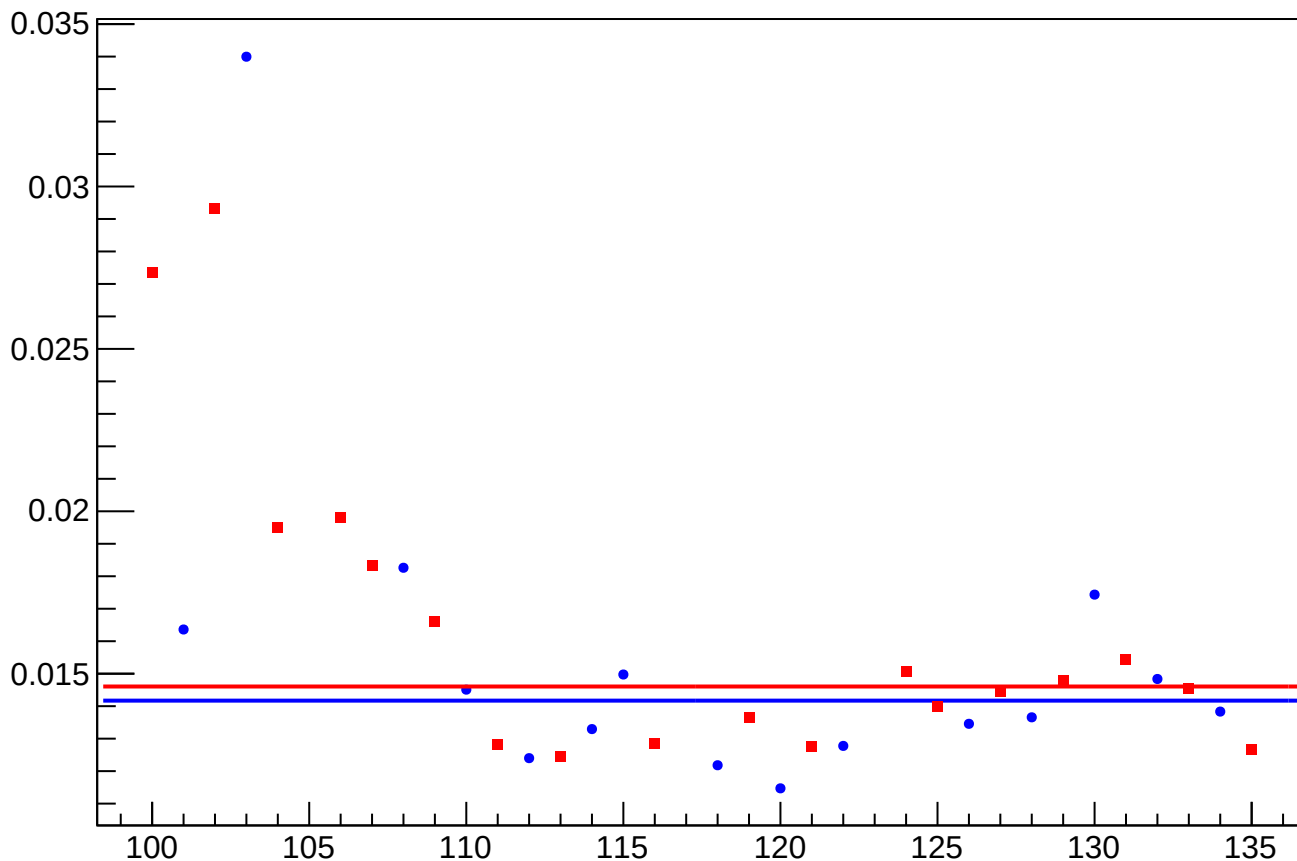
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.908 $\pm$ 0.000 χ^2 /NDF: 1754651361.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm11X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 568023.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 527570.8/17

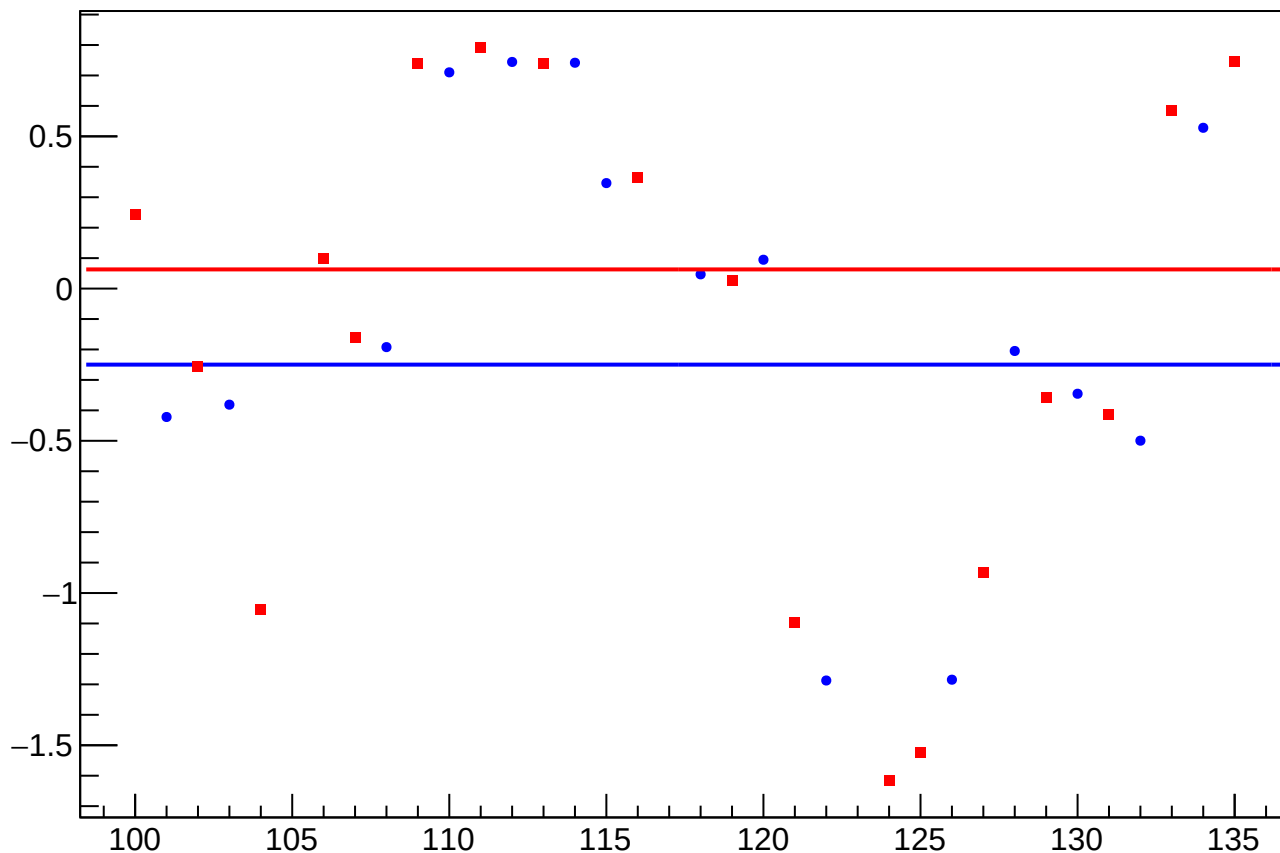
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 1100903.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_mean vs Slug



Right In: -0.250+/-0.000 χ^2/NDF : 6454812531.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

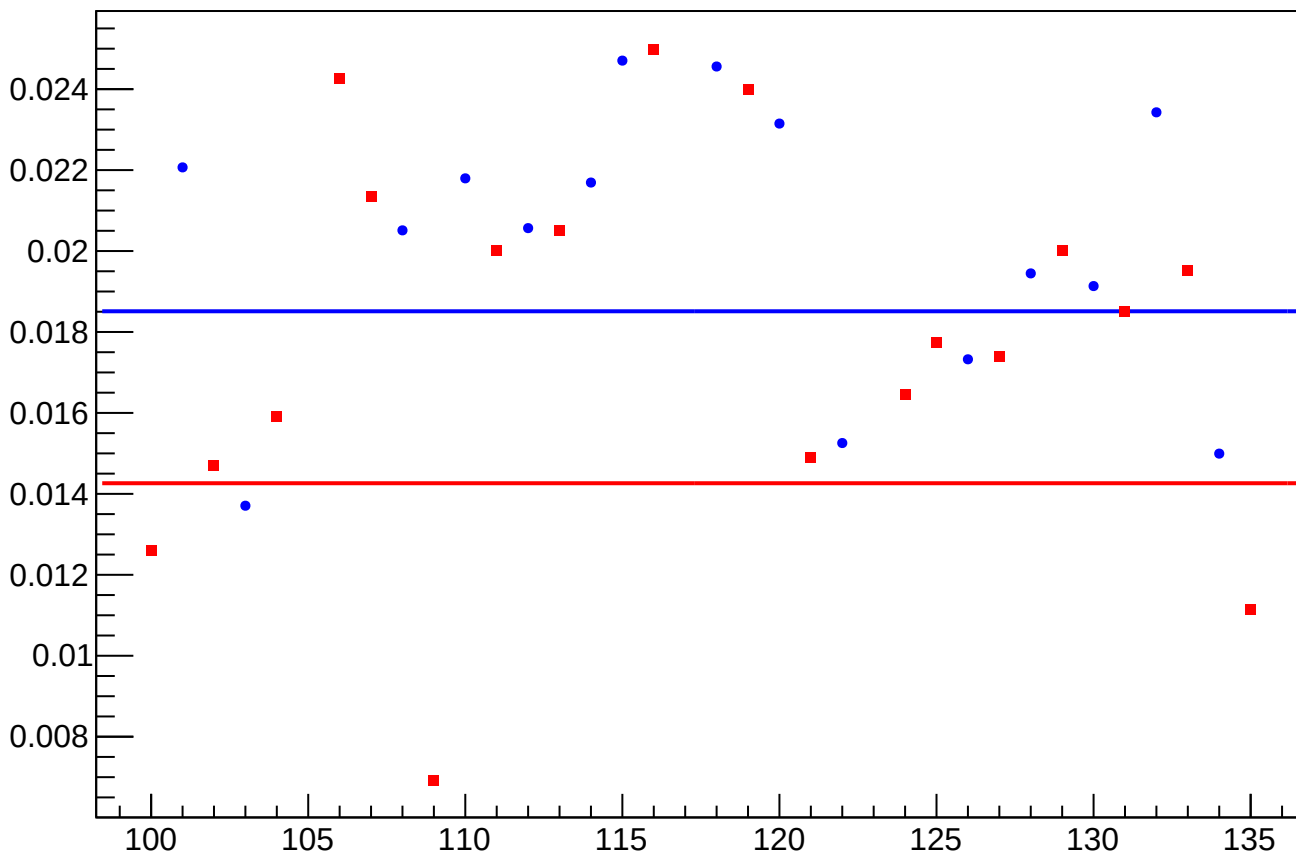
Right Out: 0.063+/-0.000 χ^2/NDF : 17260139941.4/17

All: -0.052+/-0.000 χ^2/NDF : 24725327194.8/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm11Y_rms vs Slug



Right In: 0.019+/-0.000 χ^2/NDF : 421395.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.014+/-0.000 χ^2/NDF : 1637353.8/17

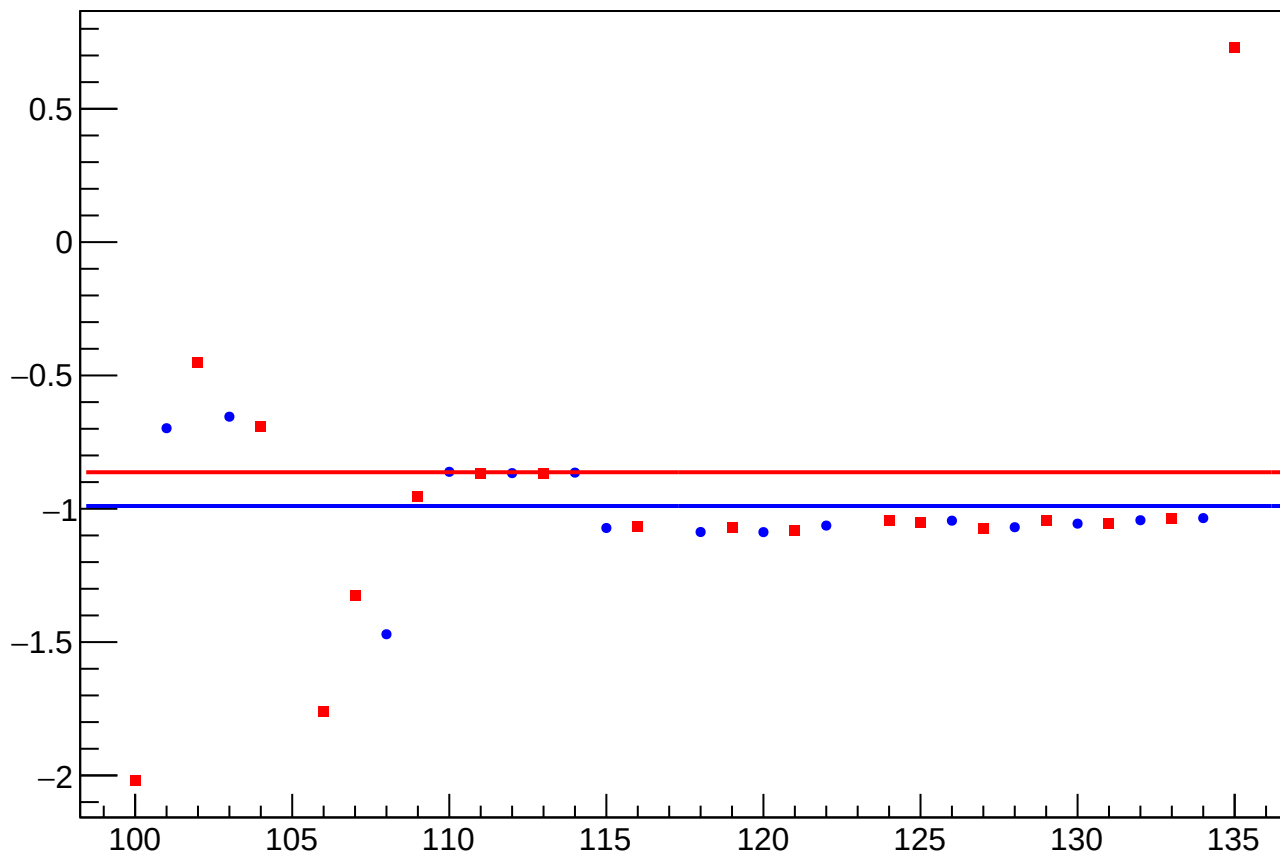
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 2431737.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_mean vs Slug



Right In: -0.990+/-0.000 χ^2/NDF : 136609331.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.863+/-0.000 χ^2/NDF : 1409514194.6/17

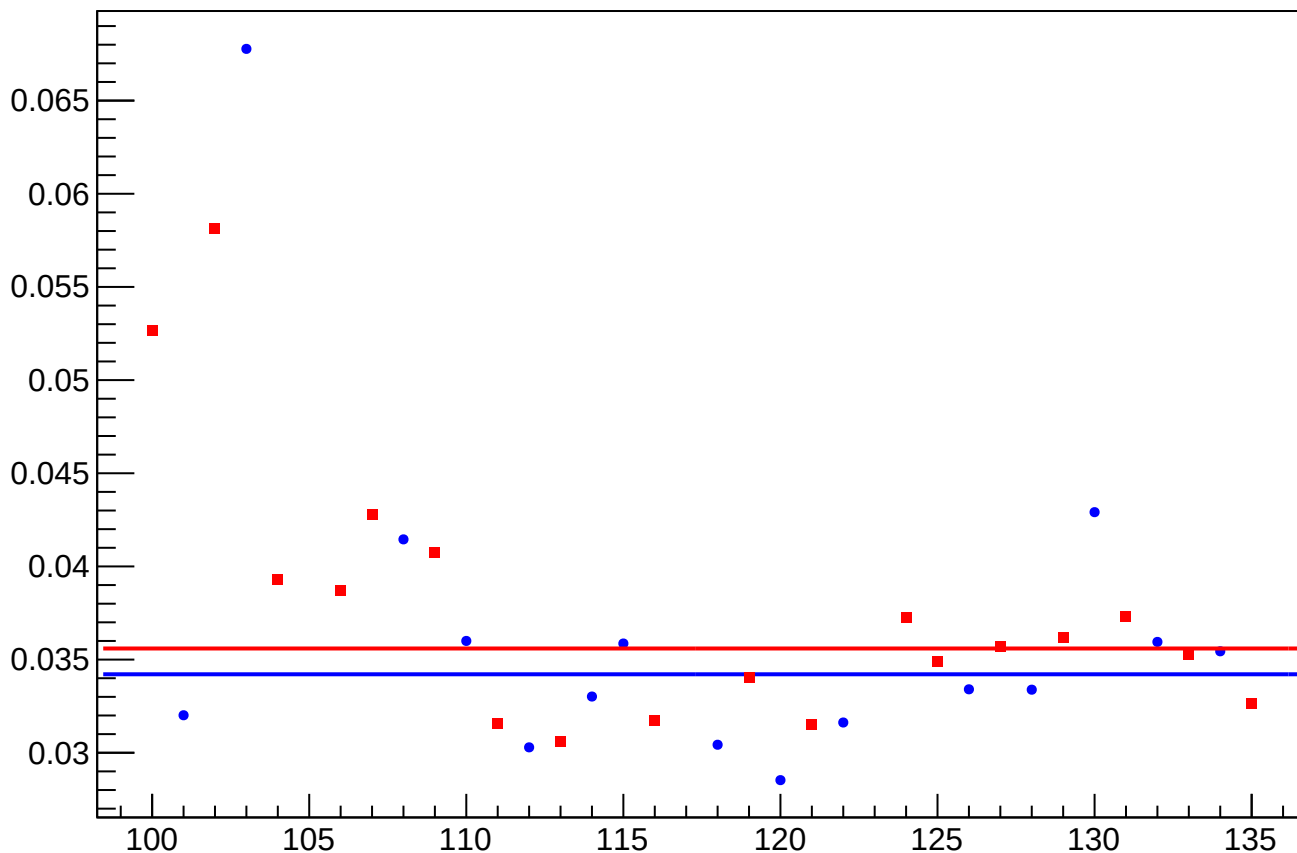
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.925+/-0.000 χ^2/NDF : 1584833849.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12X_rms vs Slug



Right In: 0.034+/-0.000 χ^2/NDF : 403333.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.036+/-0.000 χ^2/NDF : 283469.2/17

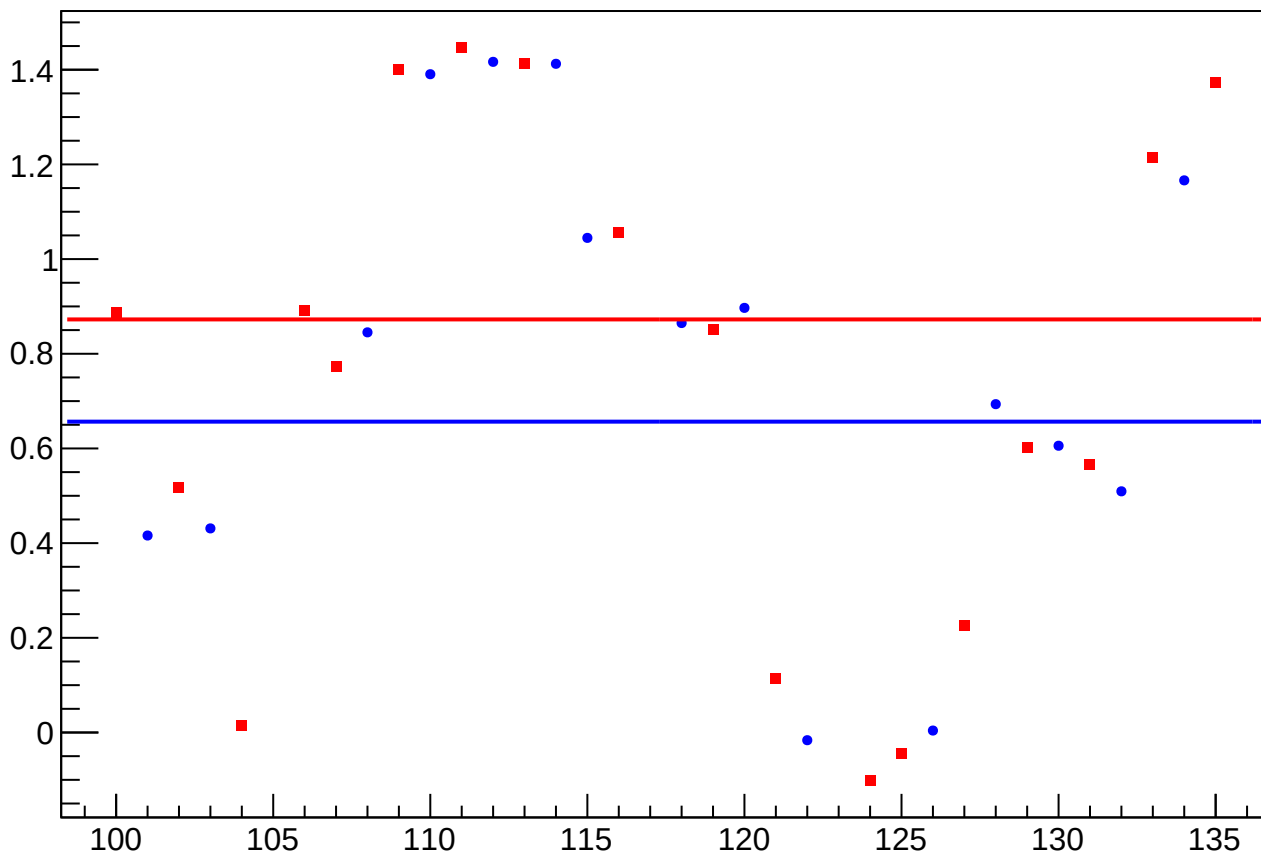
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.035+/-0.000 χ^2/NDF : 696045.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_mean vs Slug



Right In: 0.657+/-0.000 χ^2/NDF : 7307052305.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.873+/-0.000 χ^2/NDF : 17199895609.0/17

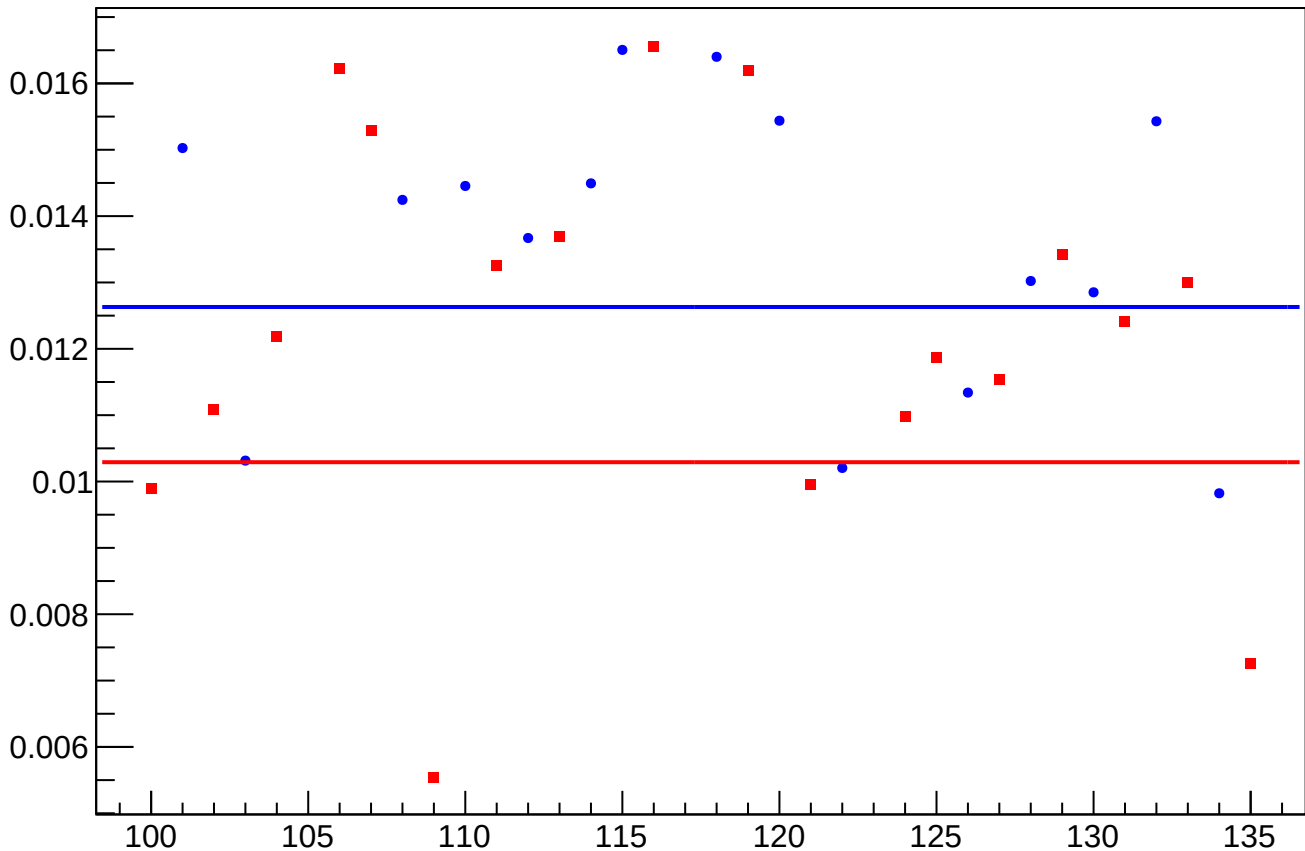
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.789+/-0.000 χ^2/NDF : 25518086485.2/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm12Y_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 340419.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 1241058.8/17

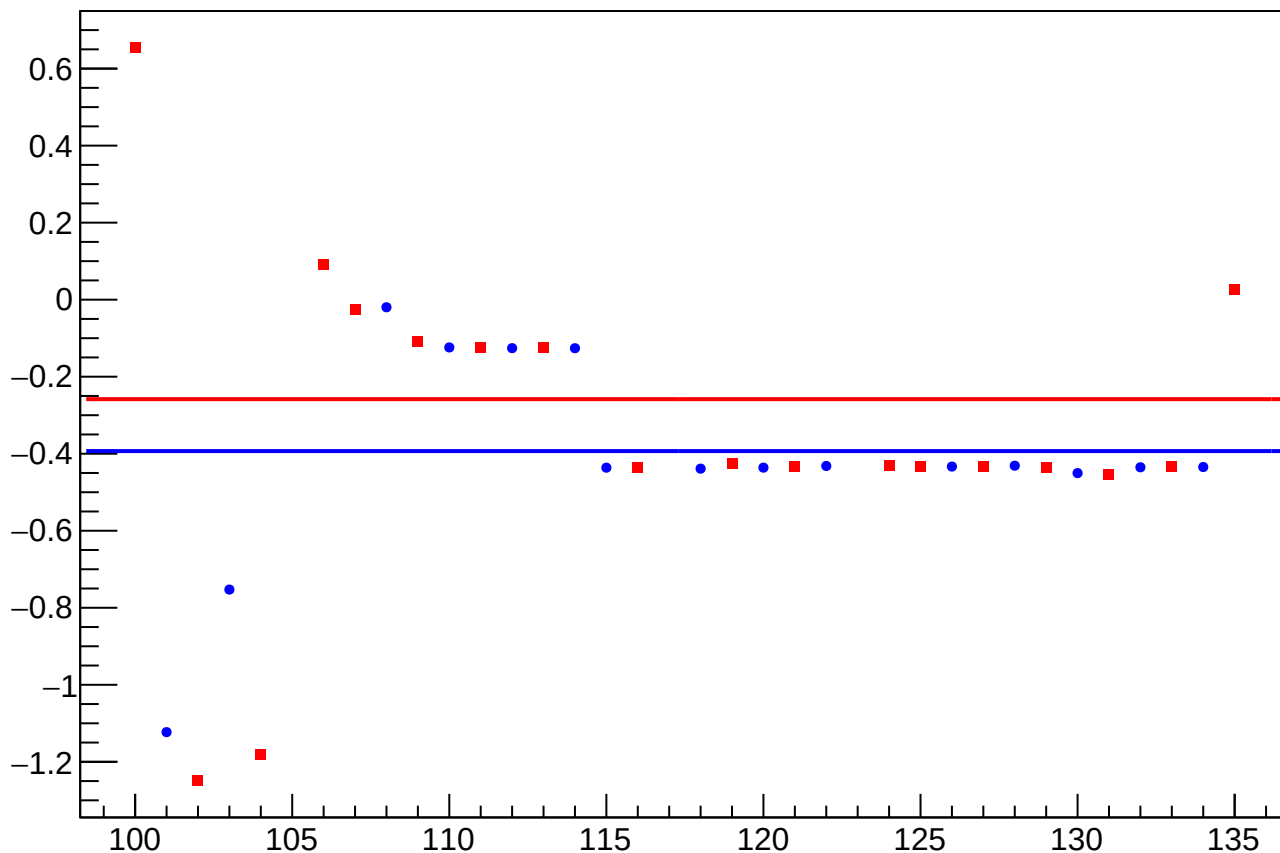
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 1818794.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_mean vs Slug



Right In: -0.393+/-0.000 χ^2/NDF : 687507685.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.258+/-0.000 χ^2/NDF : 1593343896.6/17

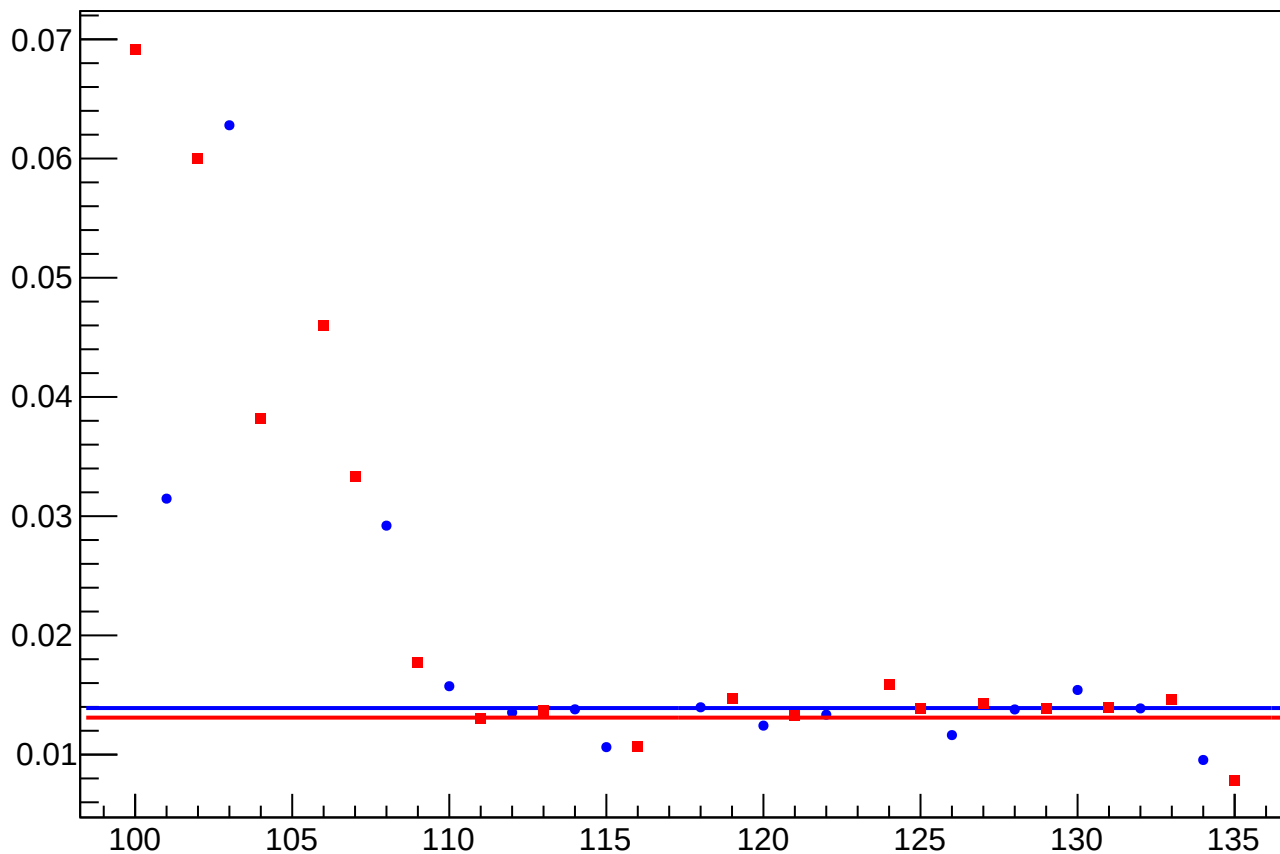
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.319+/-0.000 χ^2/NDF : 2514523548.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 1359146.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.013 $\pm$ 0.000 χ^2 /NDF: 2048446.4/17

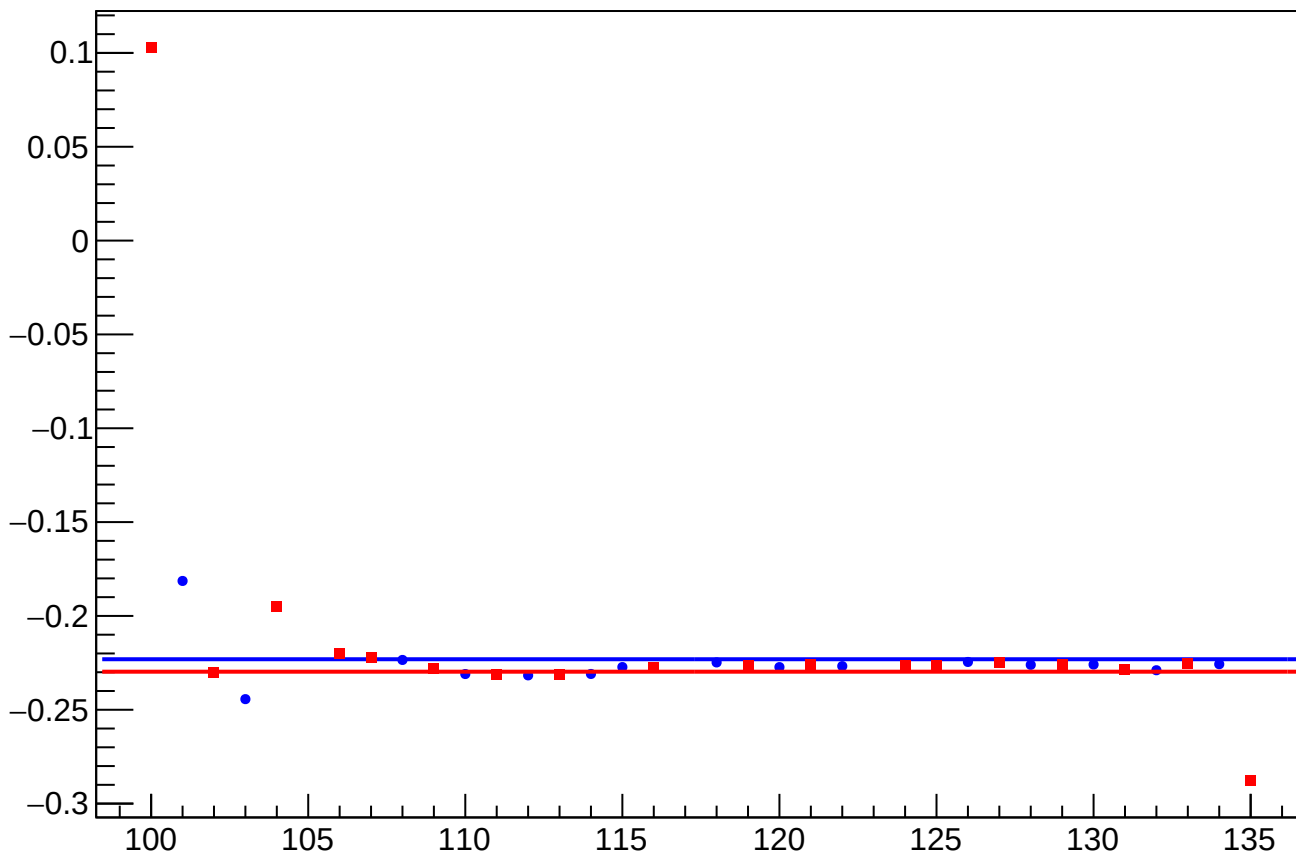
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.013 $\pm$ 0.000 χ^2 /NDF: 3424168.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm16Y_mean vs Slug



Right In: -0.223+/-0.000 χ^2/NDF : 52175764.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.230+/-0.000 χ^2/NDF : 256248148.6/17

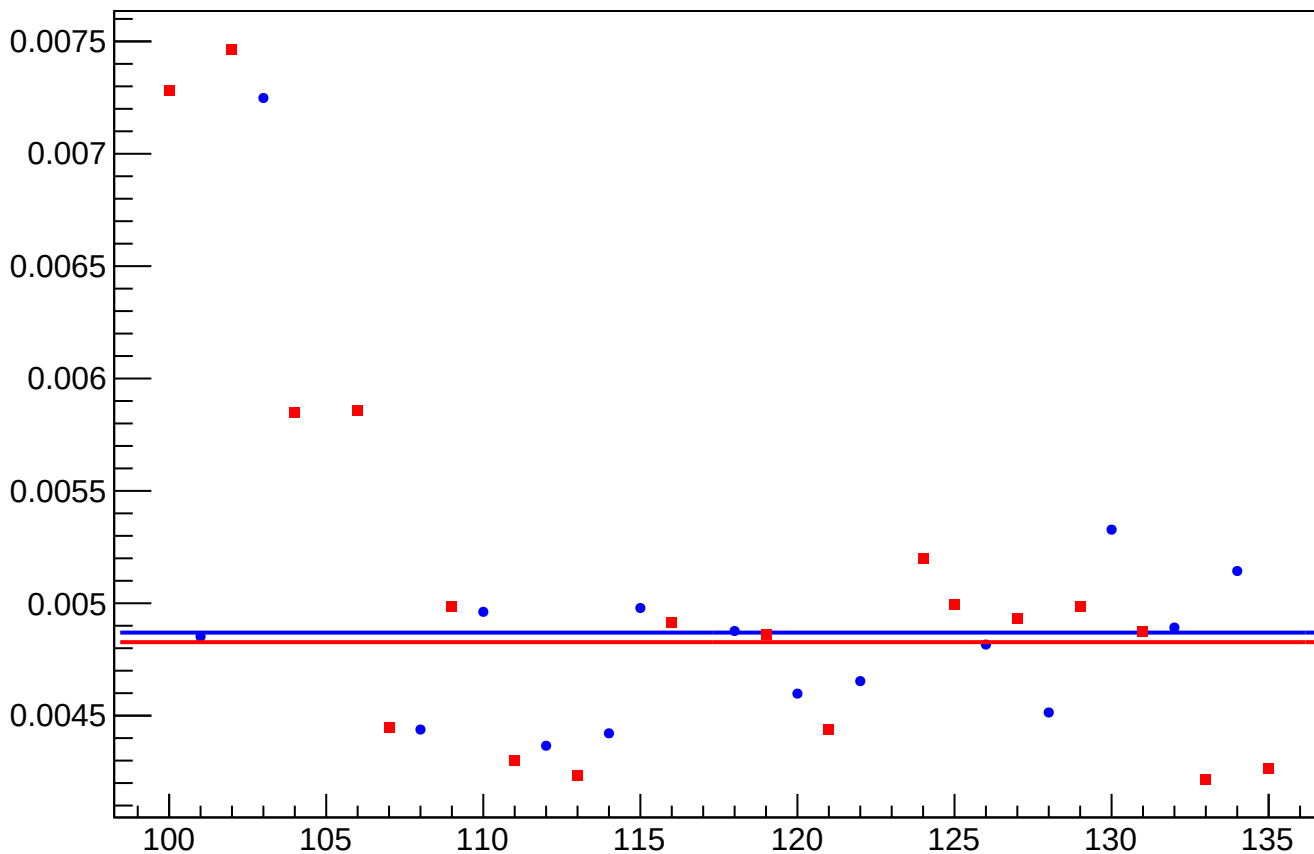
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.227+/-0.000 χ^2/NDF : 314080410.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm16Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 160694.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 287993.5/17

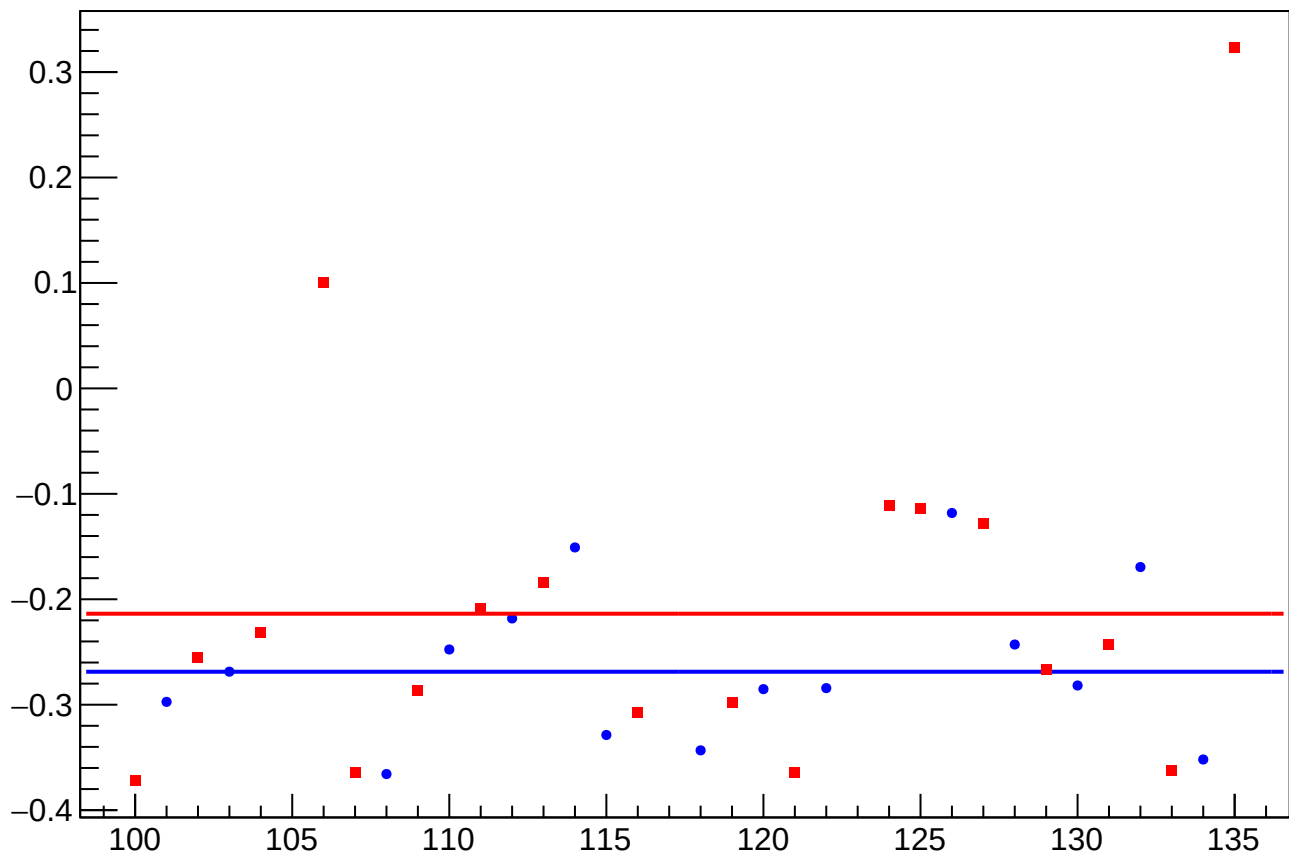
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 449154.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_mean vs Slug



Right In: -0.269+/-0.000 χ^2/NDF : 601228293.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.214+/-0.000 χ^2/NDF : 3891173854.4/17

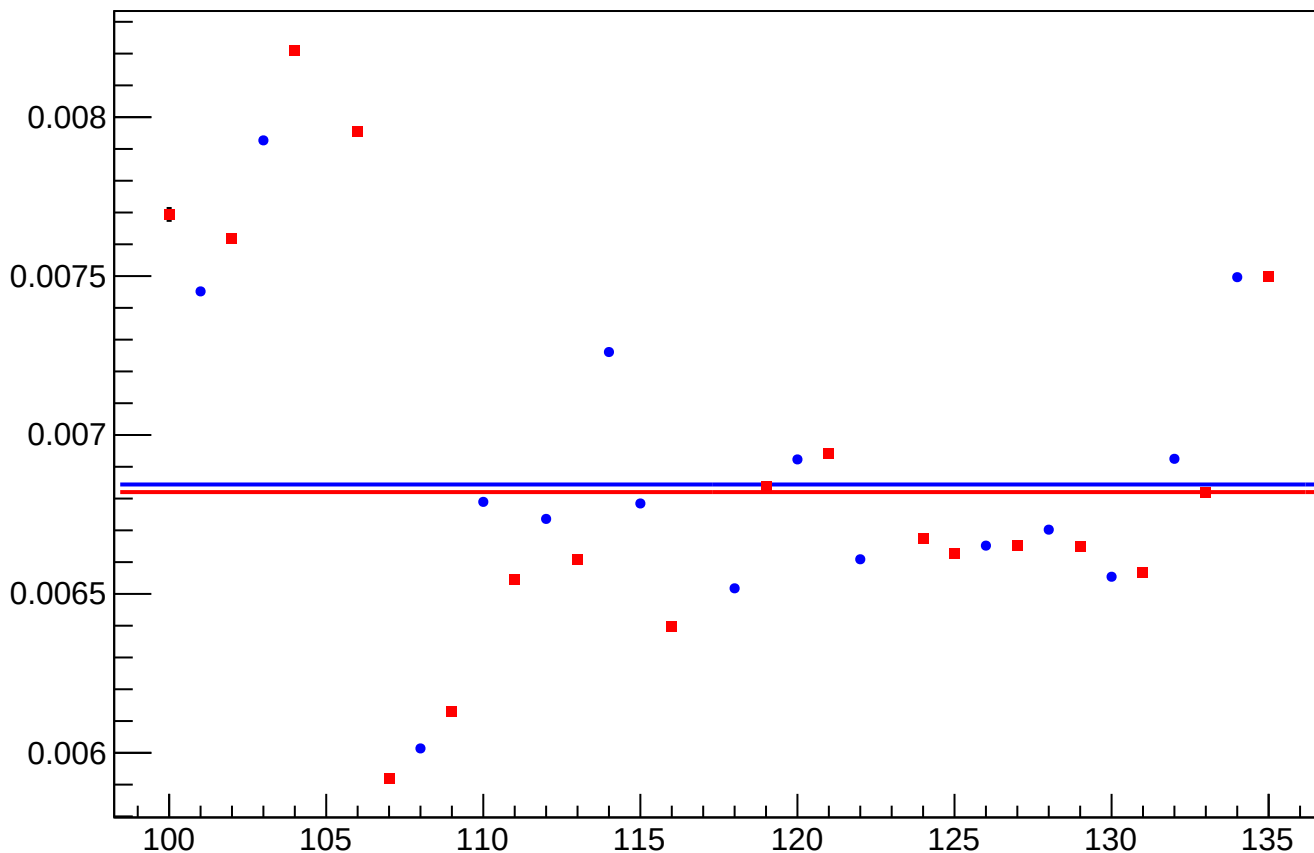
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.239+/-0.000 χ^2/NDF : 4705836407.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 59426.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 93480.0/17

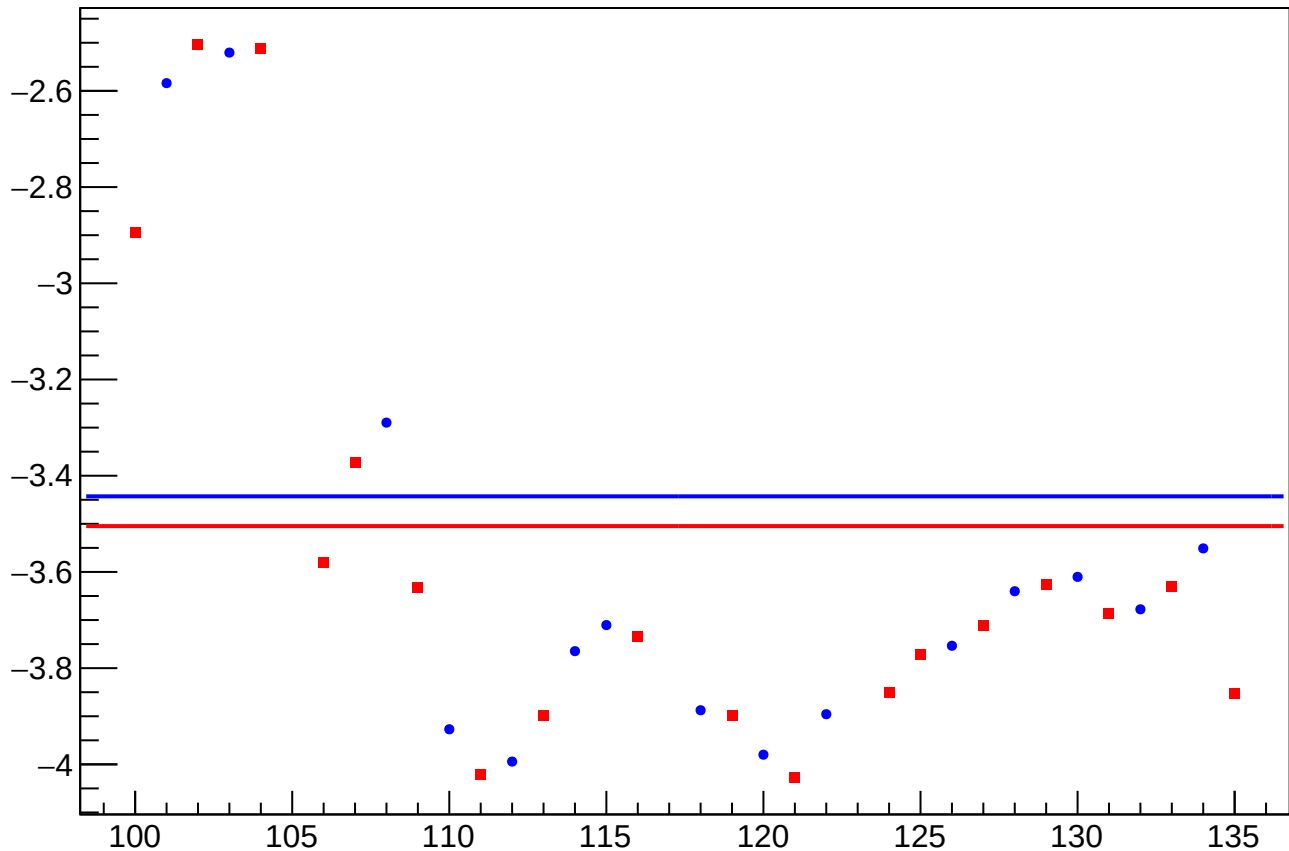
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 152987.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_mean vs Slug



Right In: -3.443+/-0.000 χ^2/NDF : 28723488019.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.505+/-0.000 χ^2/NDF : 29501456279.1/17

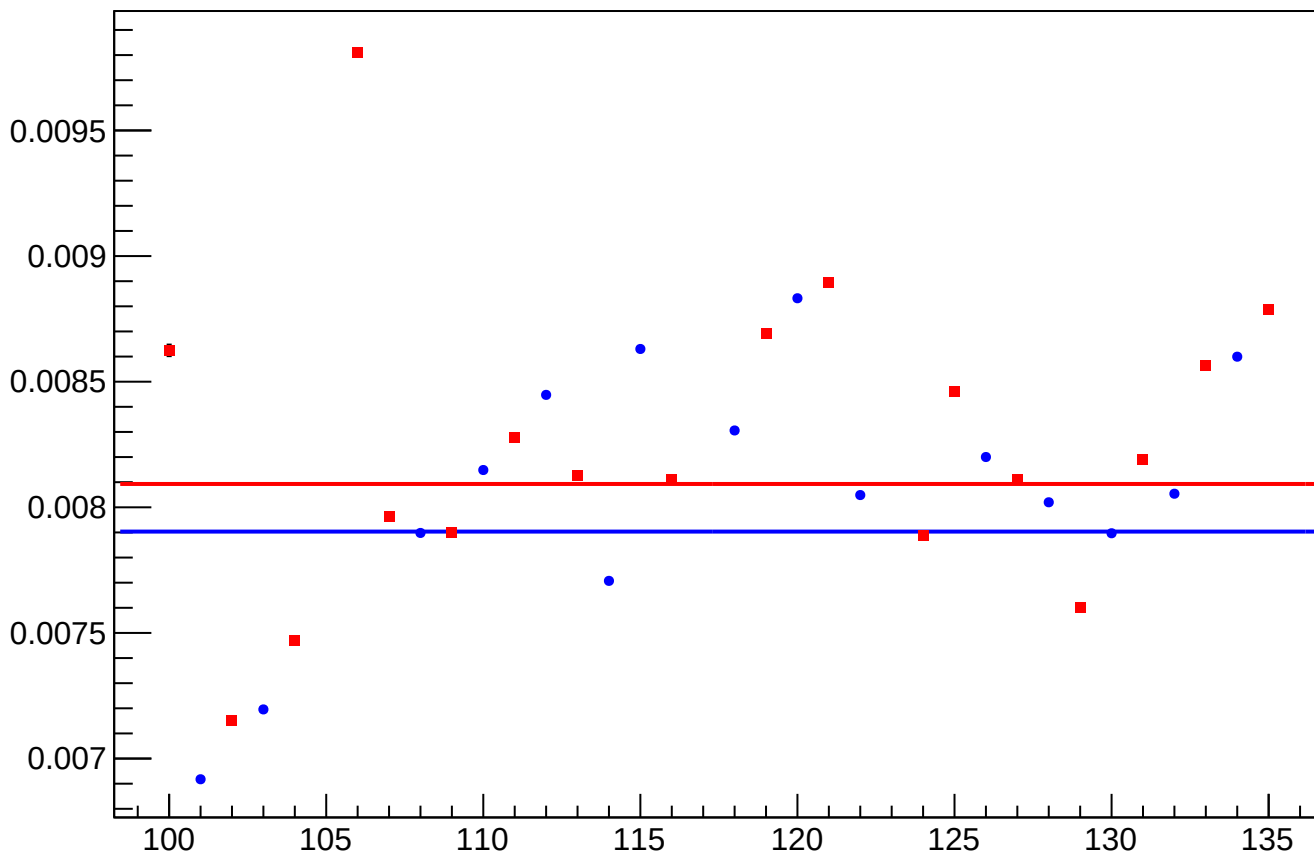
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.475+/-0.000 χ^2/NDF : 58419548350.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 60656.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 66553.9/17

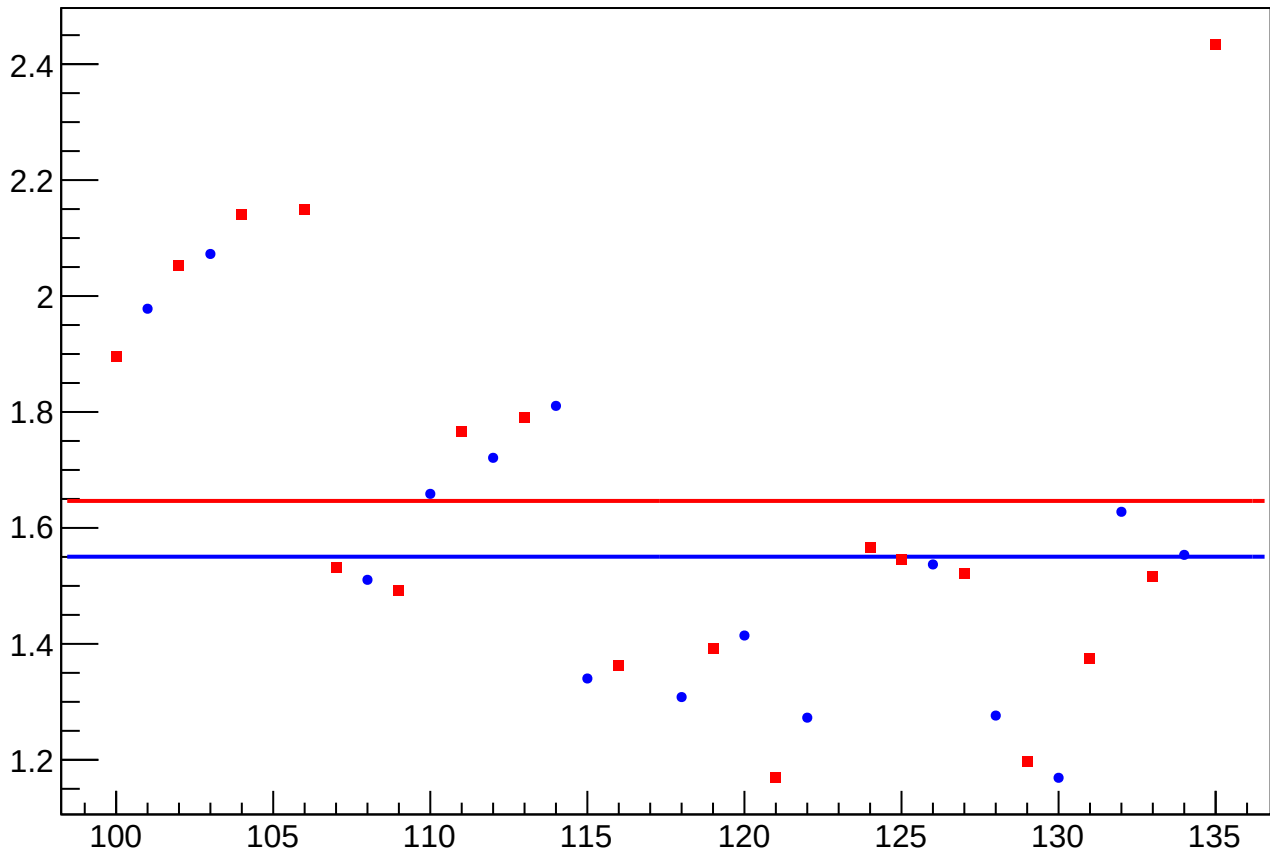
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 130865.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_mean vs Slug



Right In: 1.550+/-0.000 χ^2/NDF : 2999421773.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.647+/-0.000 χ^2/NDF : 5536080596.6/17

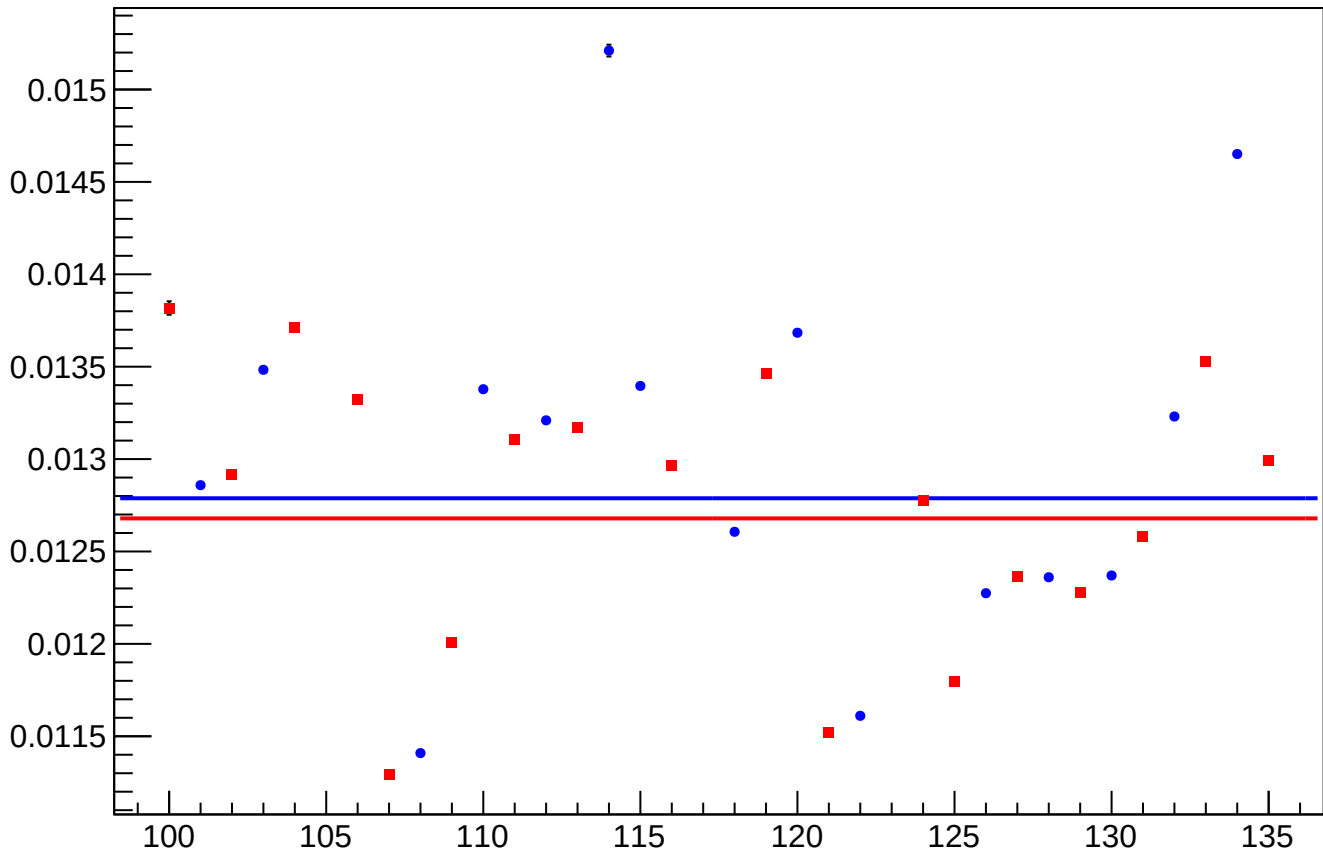
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.602+/-0.000 χ^2/NDF : 8722472240.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aX_rms vs Slug



Right In: 0.013+/-0.000 χ^2/NDF : 51198.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 43136.2/17

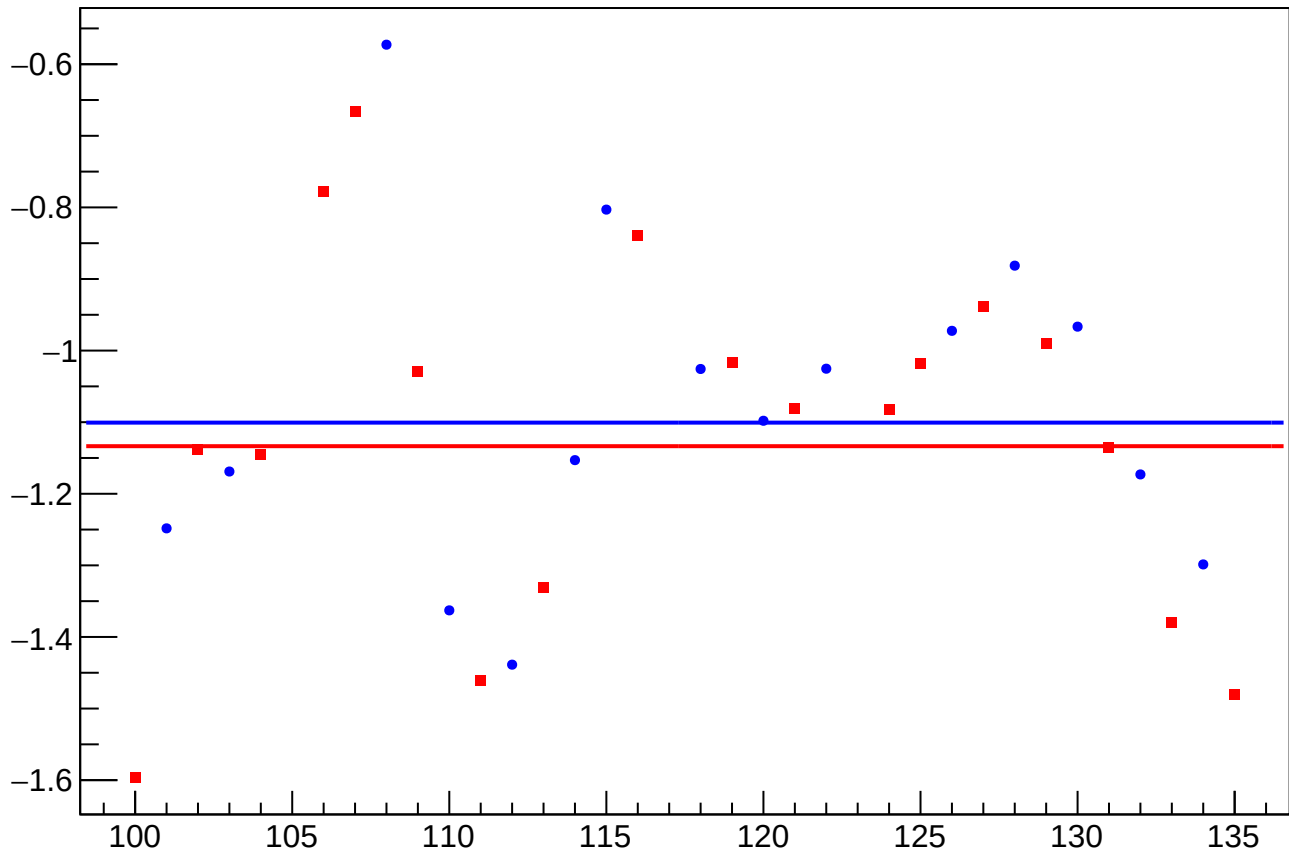
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.013+/-0.000 χ^2/NDF : 94814.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_mean vs Slug



Right In: -1.101+/-0.000 χ^2/NDF : 3161323943.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.134+/-0.000 χ^2/NDF : 3368026780.1/17

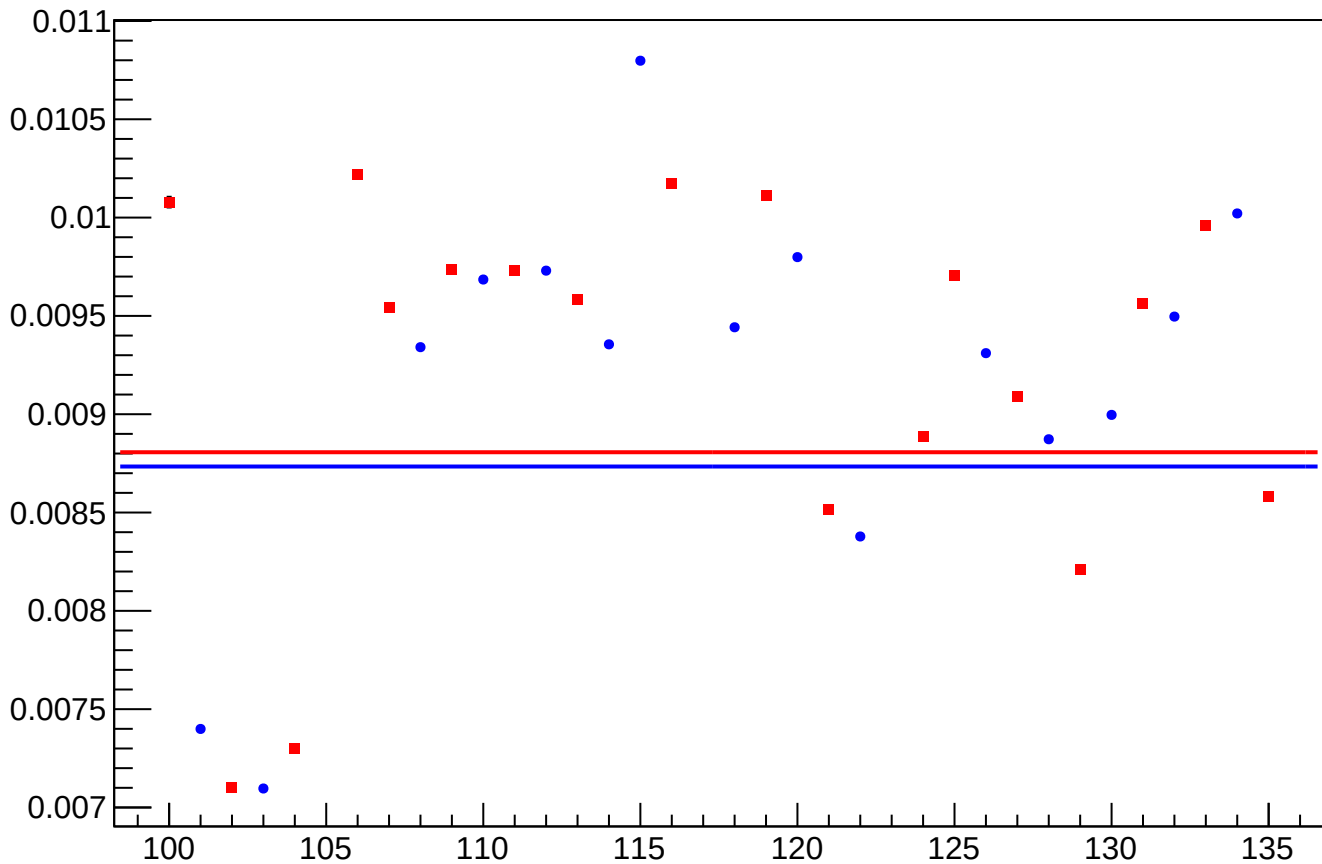
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.118+/-0.000 χ^2/NDF : 6574098115.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i02aY_rms vs Slug



Right In: 0.009+/-0.000 χ^2/NDF : 169740.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.009+/-0.000 χ^2/NDF : 204158.1/17

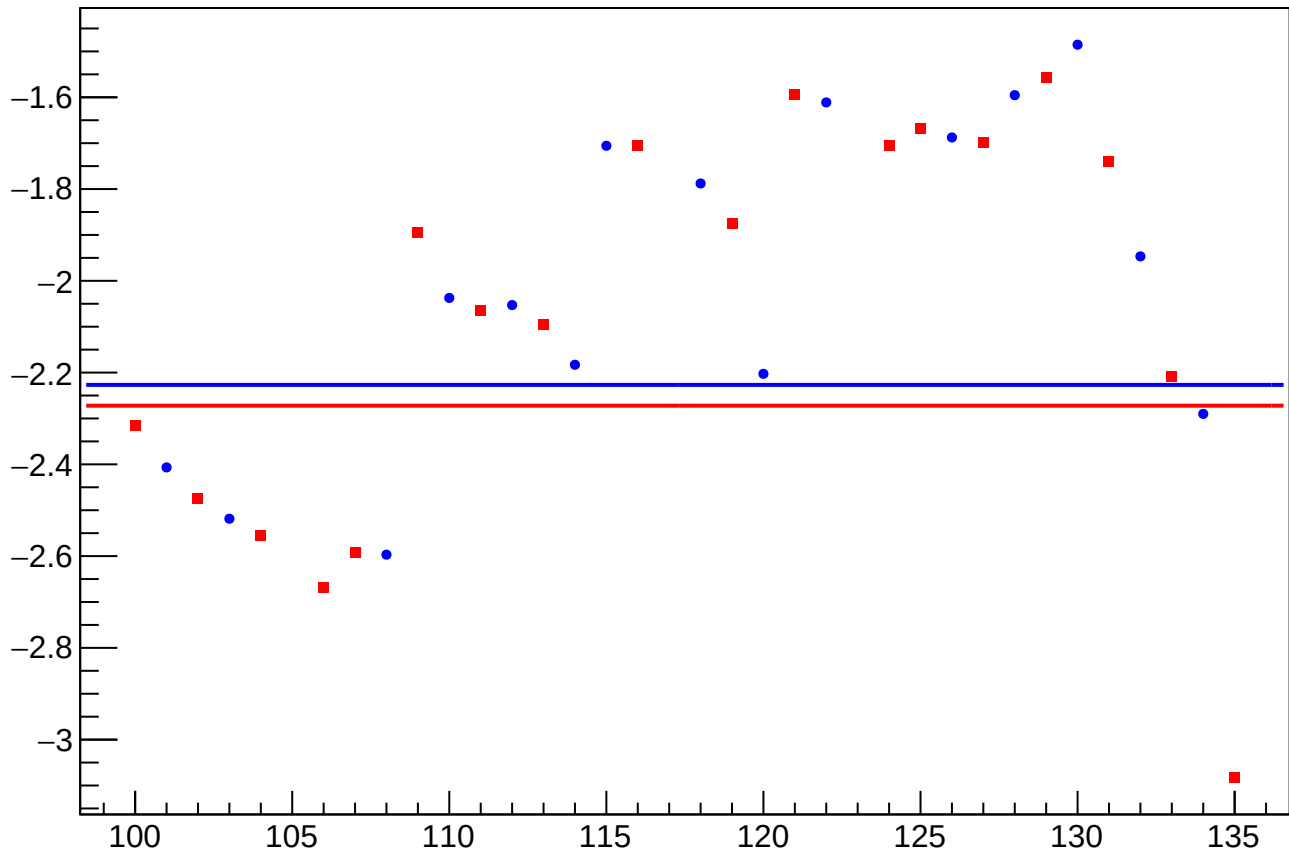
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.009+/-0.000 χ^2/NDF : 374334.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_mean vs Slug



Right In: -2.227+/-0.000 χ^2/NDF : 11449972996.7/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -2.272+/-0.000 χ^2/NDF : 16353791039.1/17

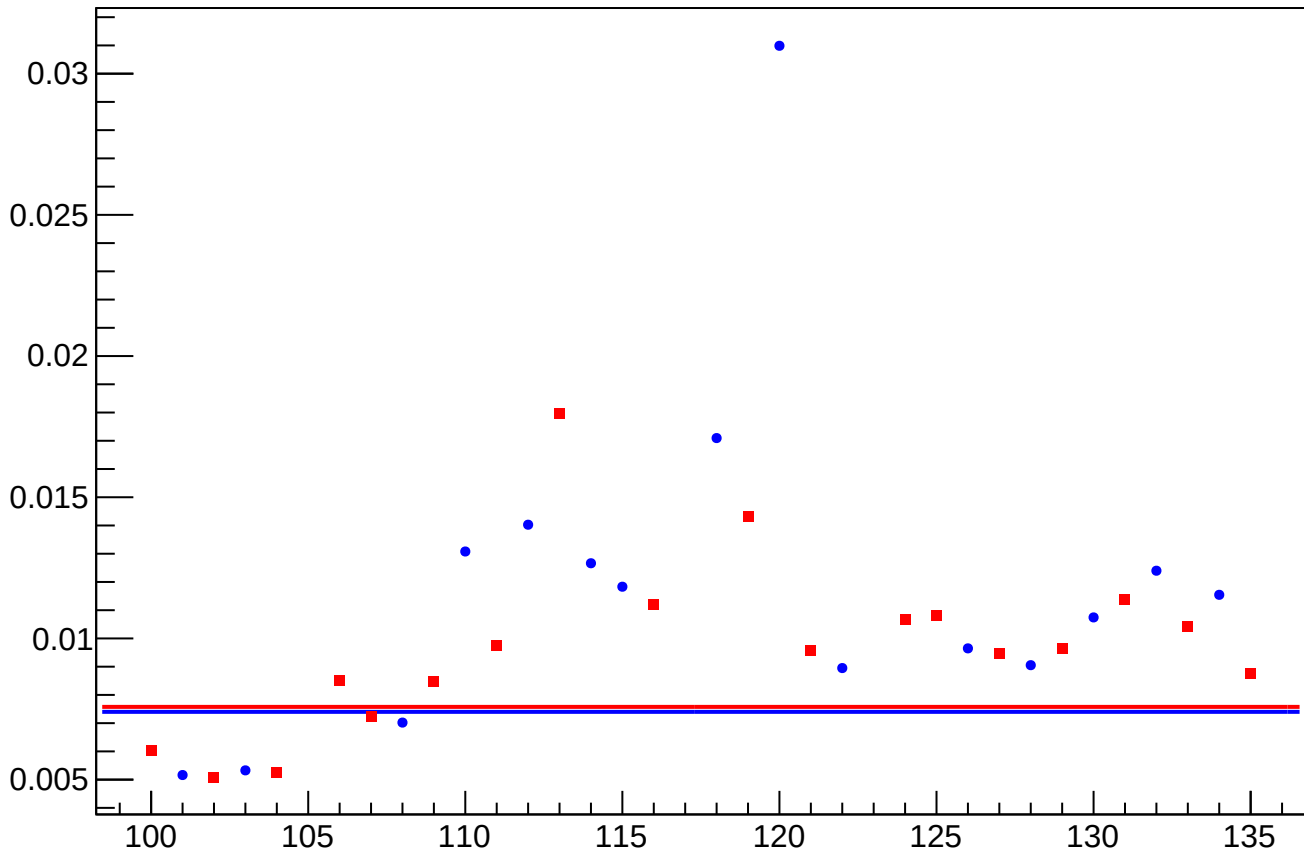
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.251+/-0.000 χ^2/NDF : 27892481124.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 1607664.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 1287284.3/17

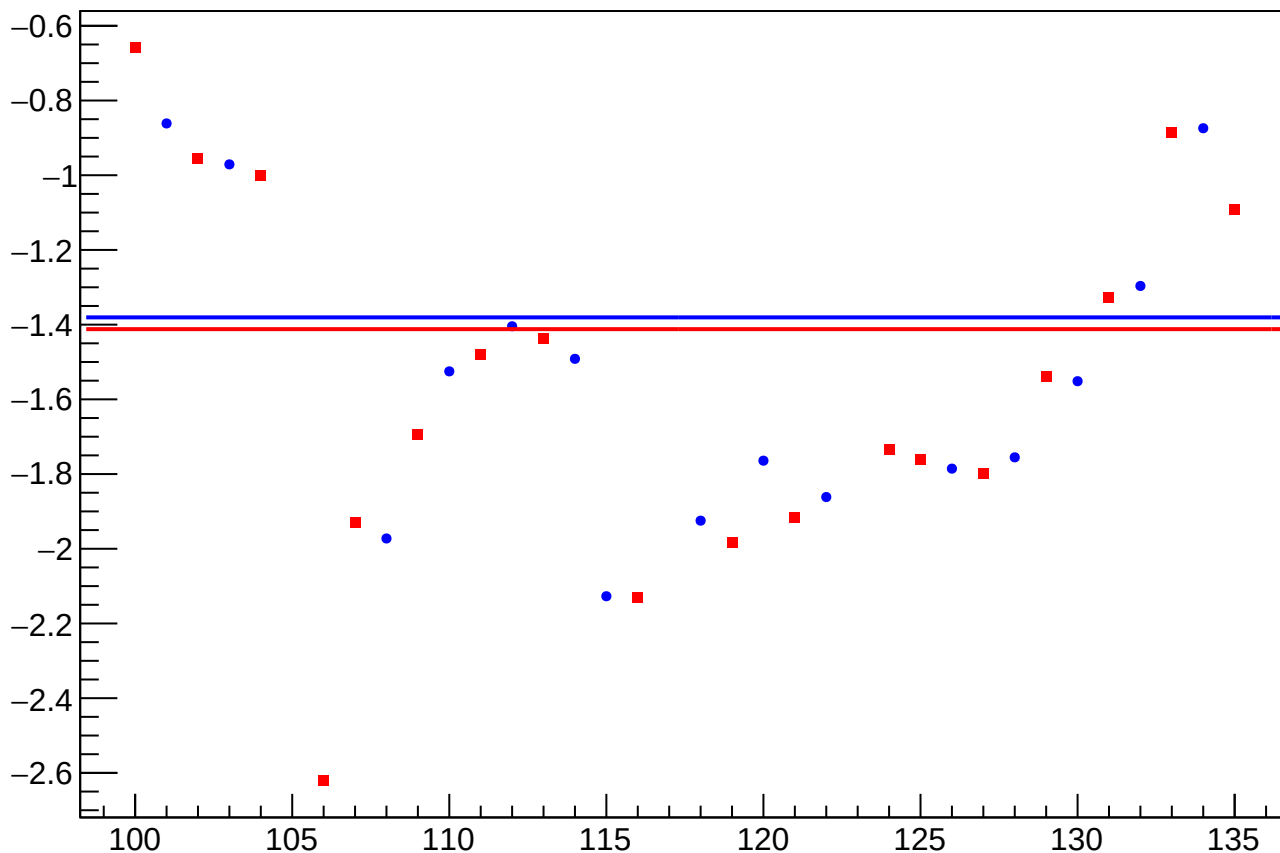
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 2897616.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_mean vs Slug



Right In: -1.381+/-0.000 χ^2/NDF : 21083650744.8/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

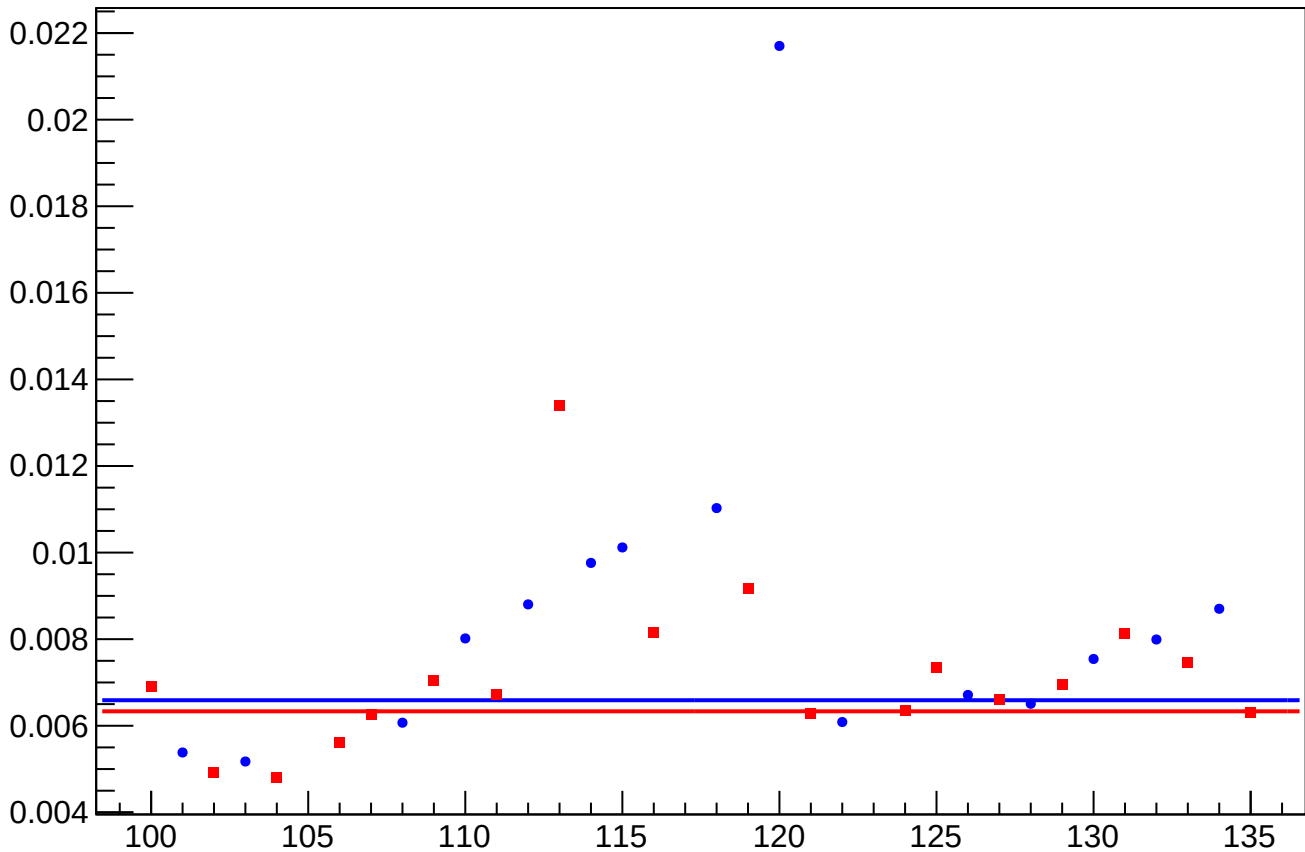
Right Out: -1.412+/-0.000 χ^2/NDF : 29690069485.6/17

All: -1.398+/-0.000 χ^2/NDF : 50838151032.2

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i05Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 691439.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 528084.9/17

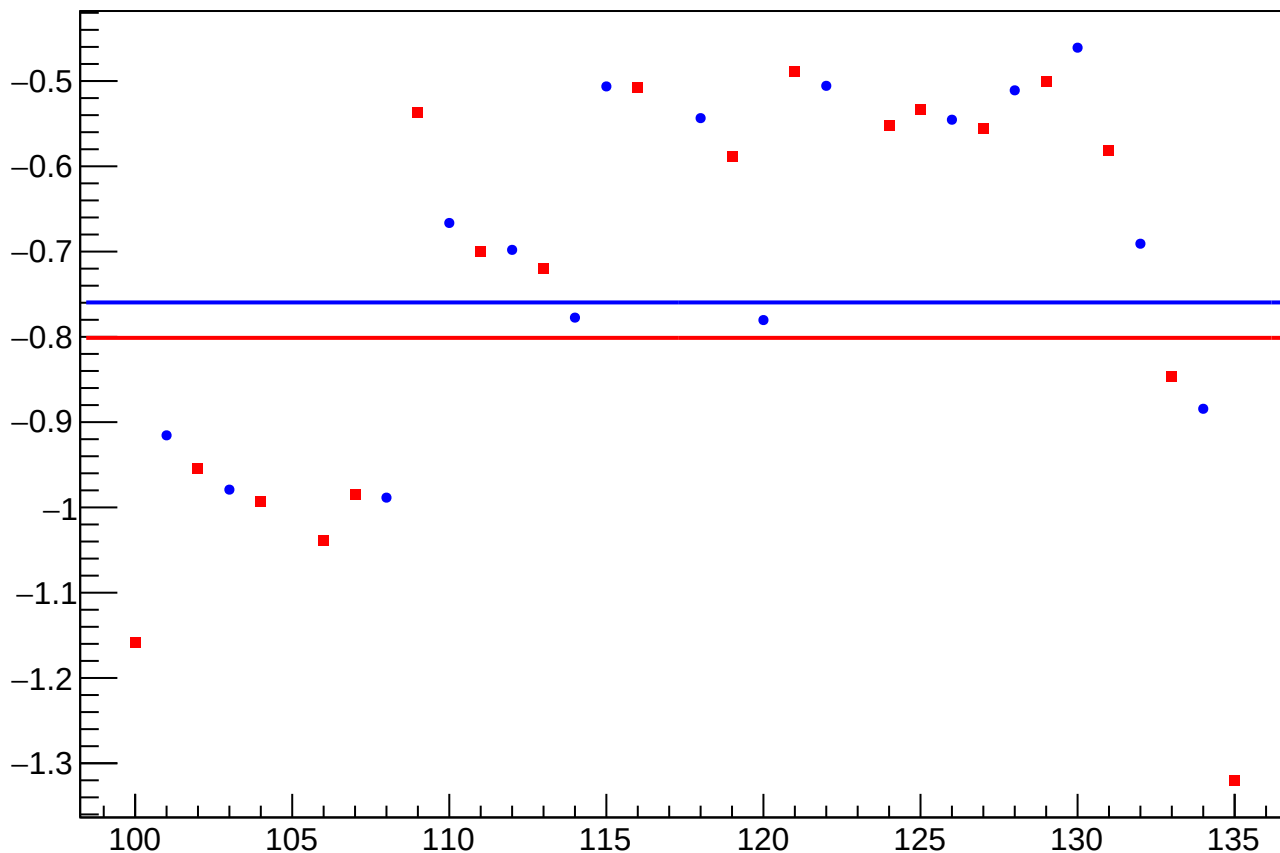
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1228048.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_mean vs Slug



Right In: -0.760+/-0.000 χ^2/NDF : 7161106758.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.801+/-0.000 χ^2/NDF : 13857902398.1/17

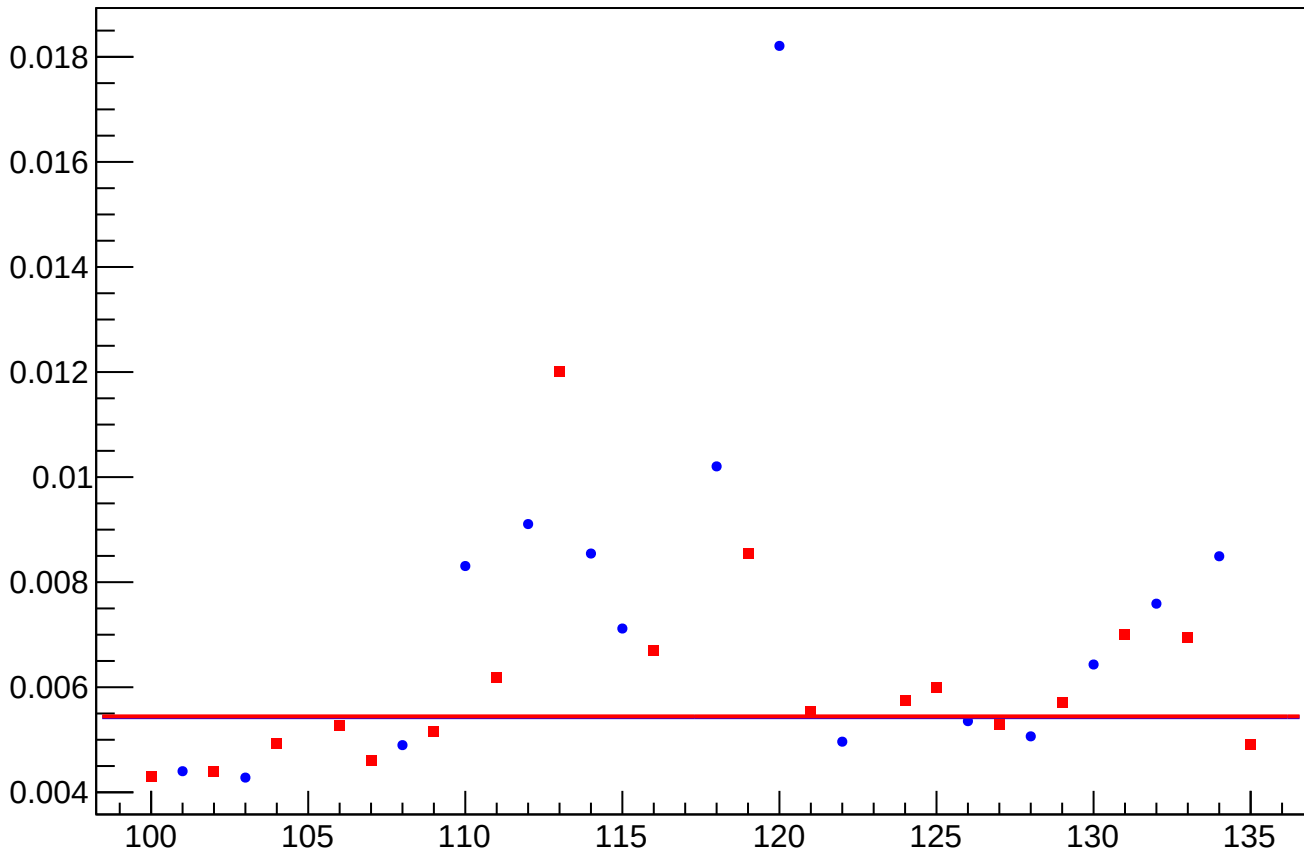
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.782+/-0.000 χ^2/NDF : 21171935792.2/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07X_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 958763.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 504926.6/17

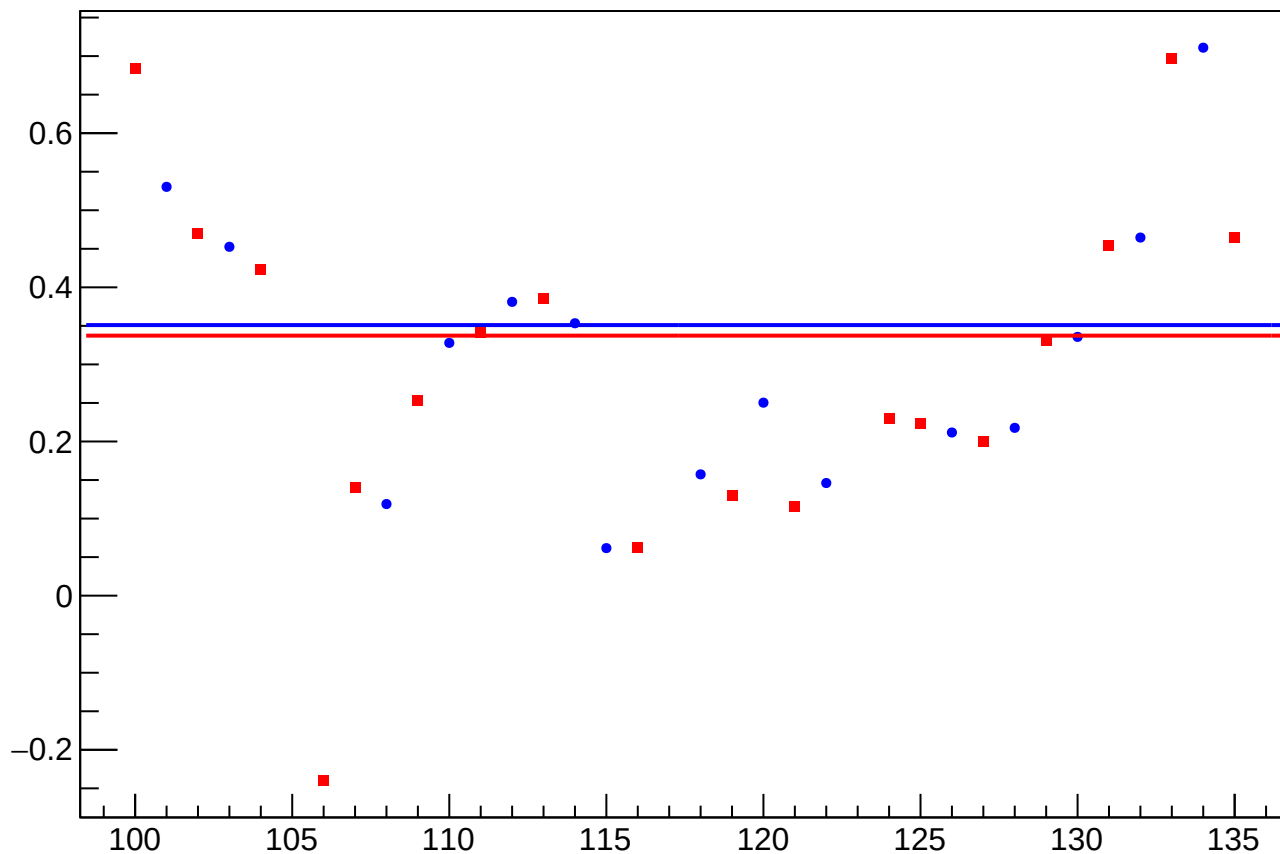
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1463726.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_mean vs Slug



Right In: 0.351+/-0.000 χ^2/NDF : 8551609464.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.337+/-0.000 χ^2/NDF : 12019625277.8/17

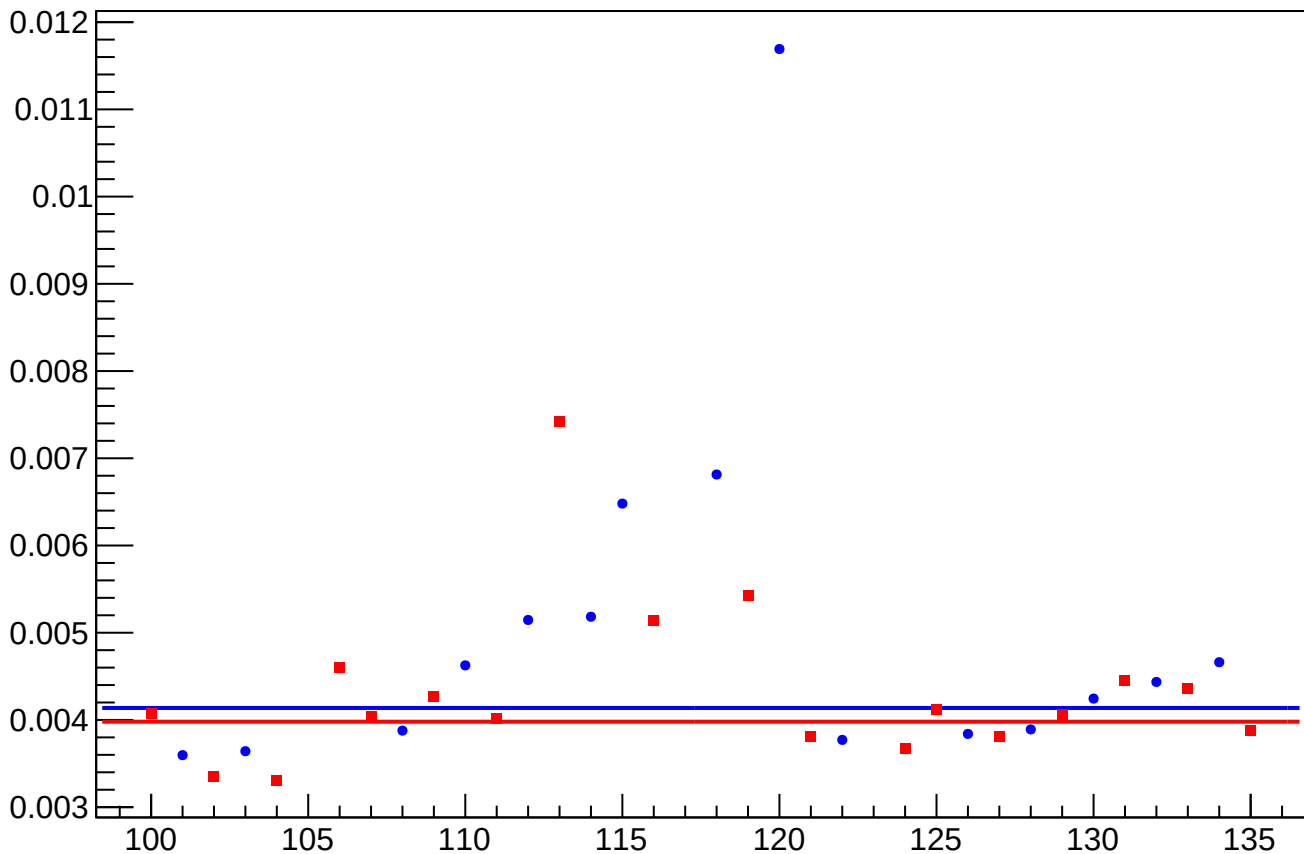
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.343+/-0.000 χ^2/NDF : 20603663121.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i07Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 483574.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 311662.1/17

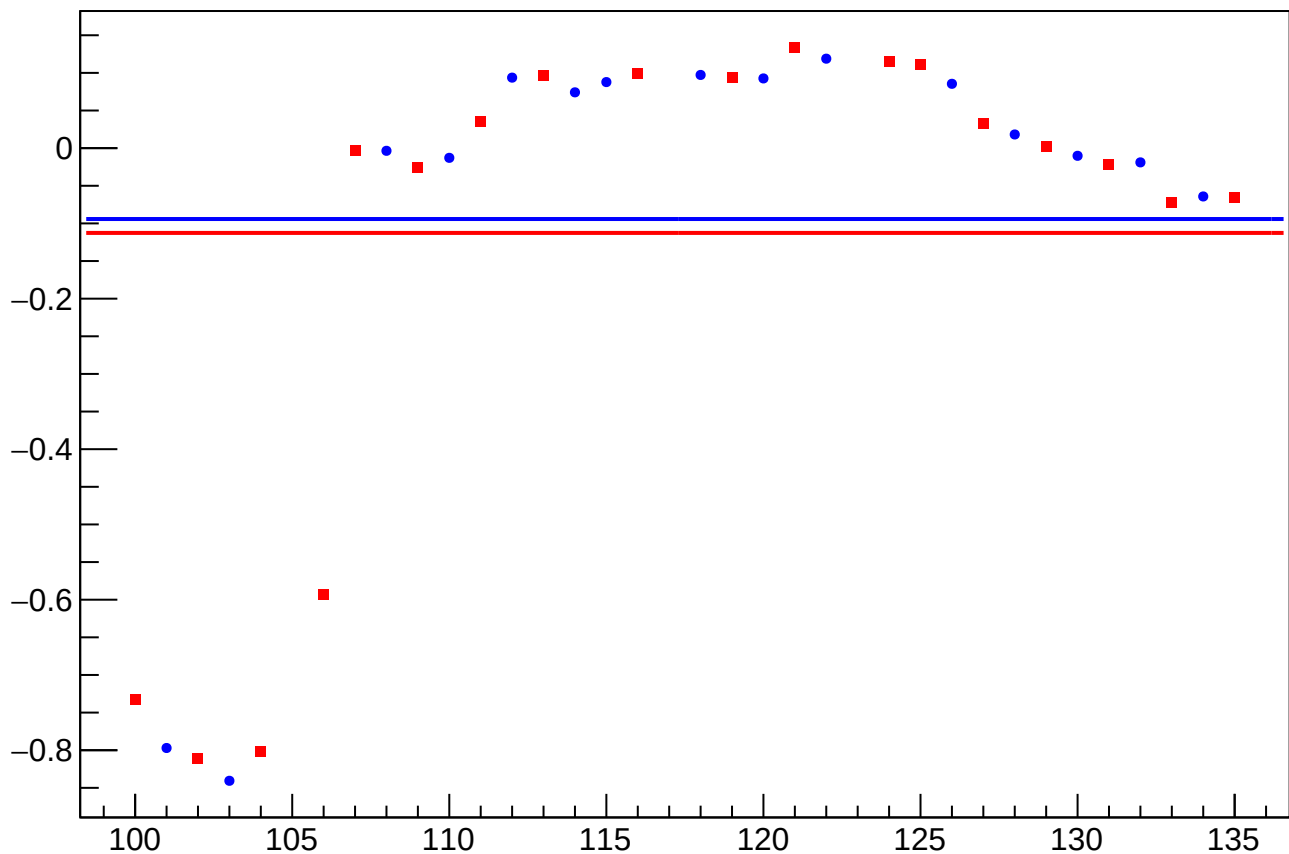
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 803842.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_mean vs Slug



Right In: -0.094+/-0.000 χ^2/NDF : 5489590179.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

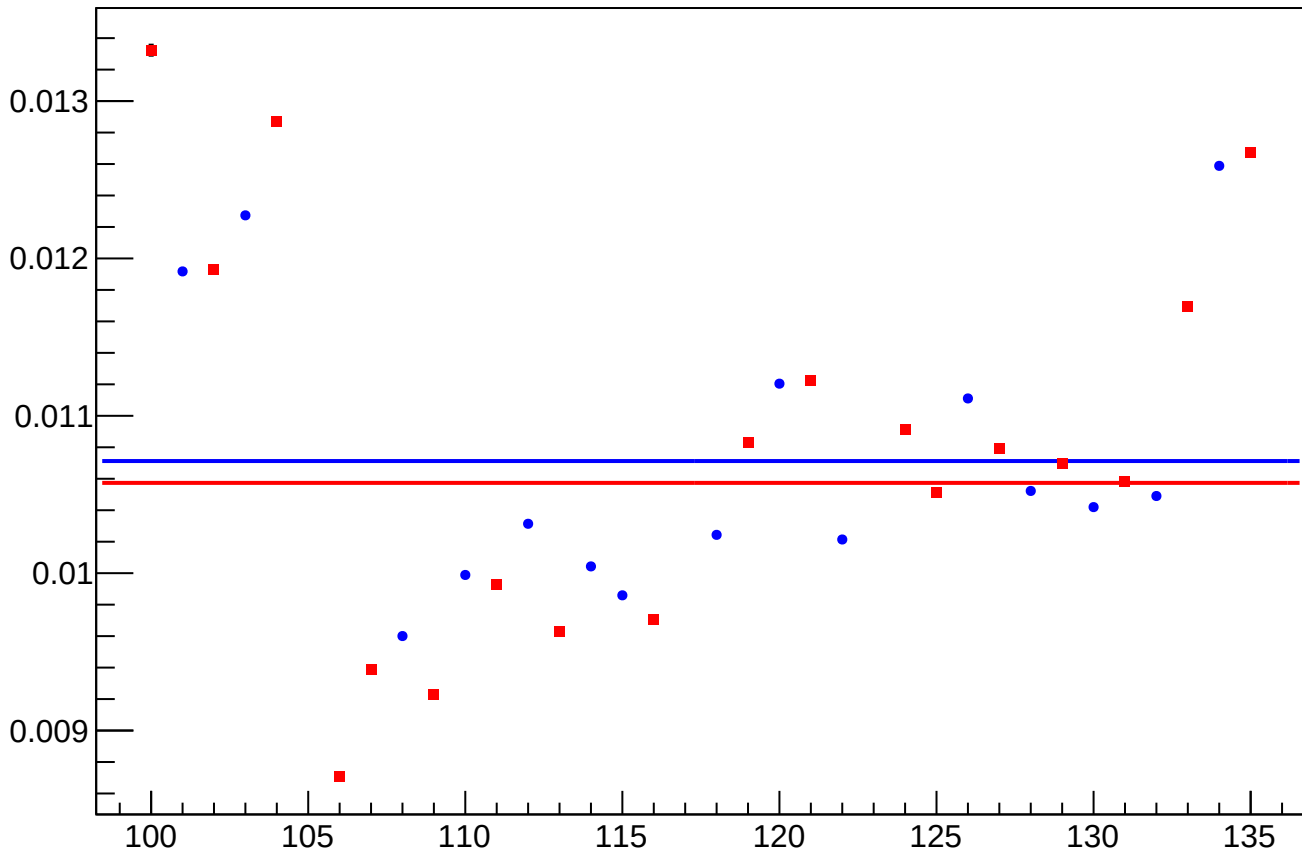
Right Out: -0.113+/-0.000 χ^2/NDF : 6189588922.4/17

All: -0.104+/-0.000 χ^2/NDF : 11689250453.1/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 76628.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 173482.5/17

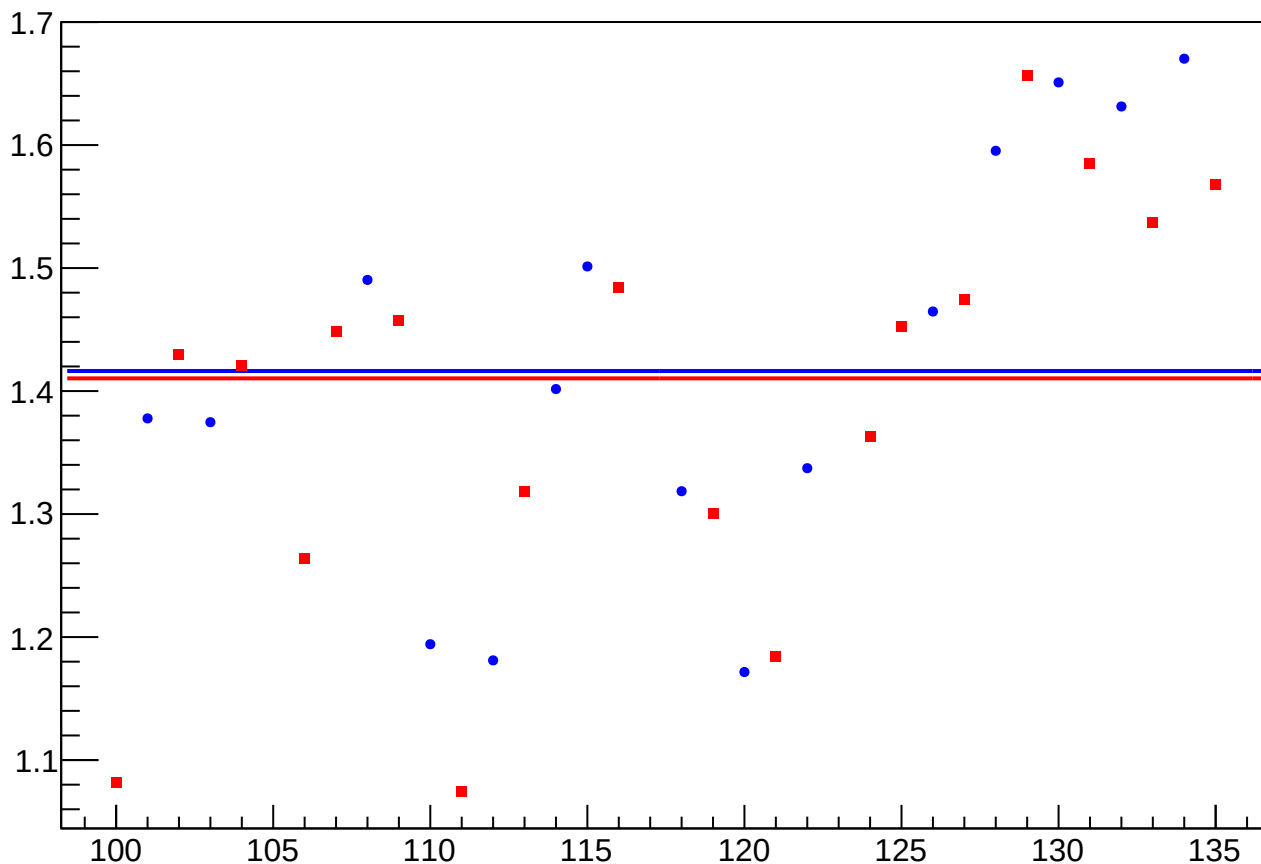
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 251248.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_mean vs Slug



Right In: 1.416 ± 0.000 χ^2/NDF : 2729742791.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.410 ± 0.000 χ^2/NDF : 2614041042.2/17

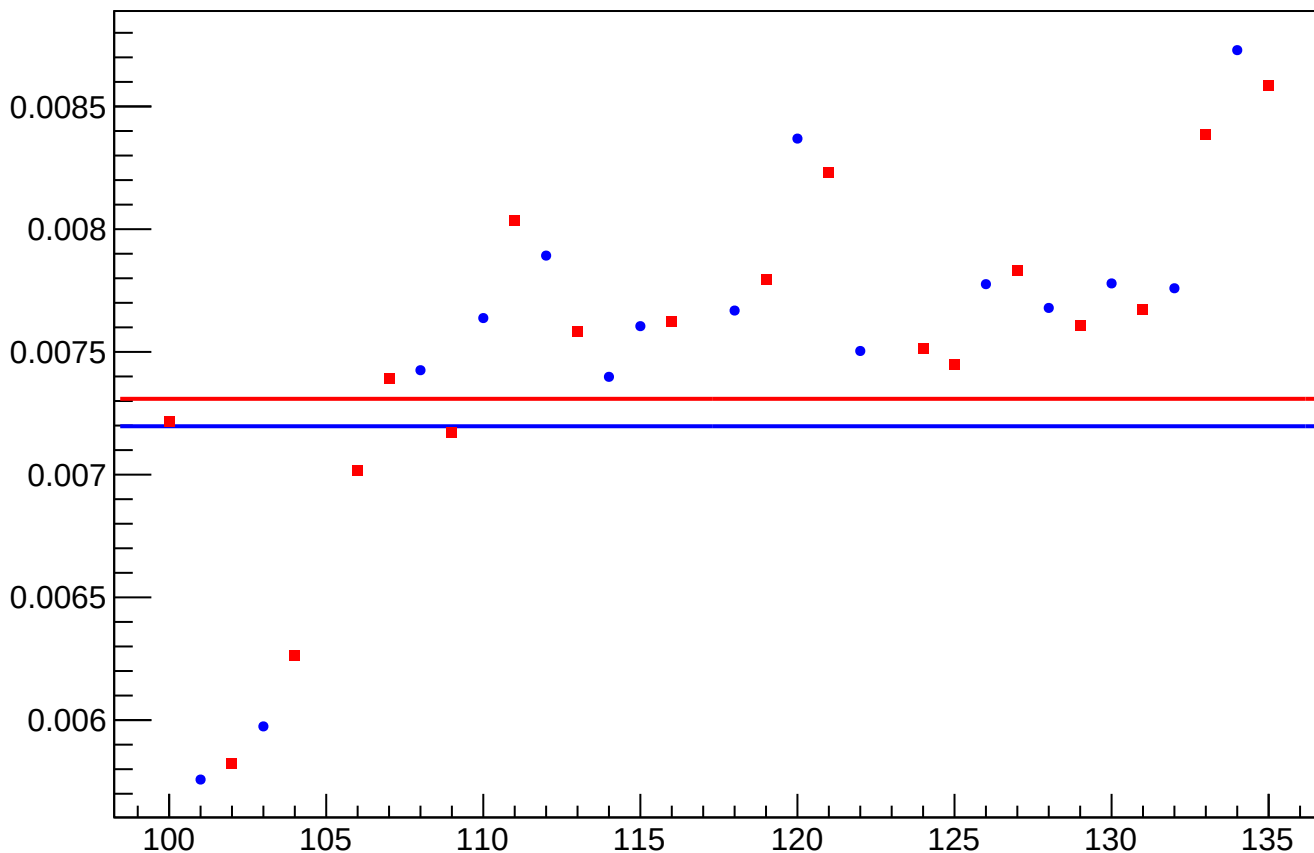
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.413 ± 0.000 χ^2/NDF : 5346054745.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm1i02Y_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 204027.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 183706.8/17

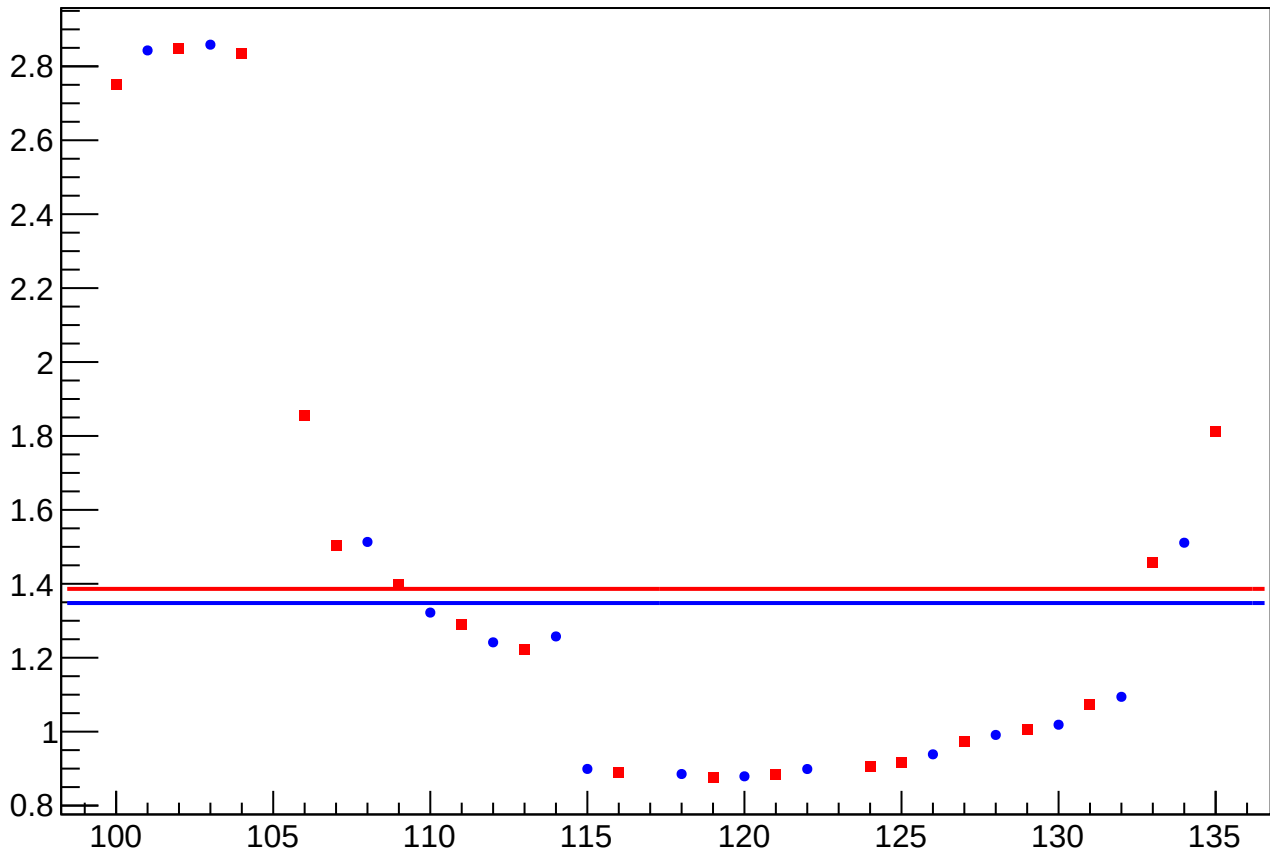
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 389316.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_mean vs Slug



Right In: 1.348+/-0.000 χ^2/NDF : 56177230026.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.386+/-0.000 χ^2/NDF : 54976814846.2/17

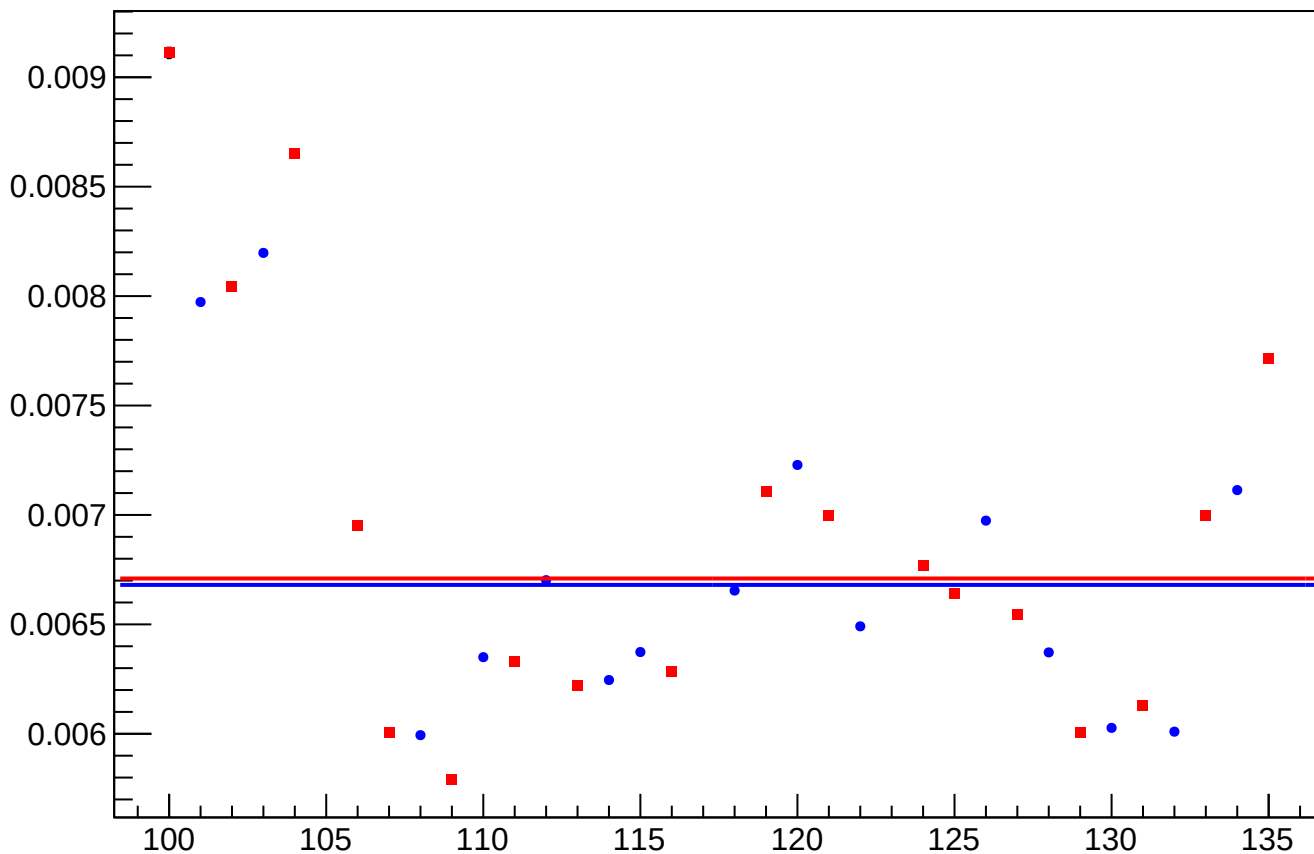
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.368+/-0.000 χ^2/NDF : 111263411184.9

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 124161.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 186936.9/17

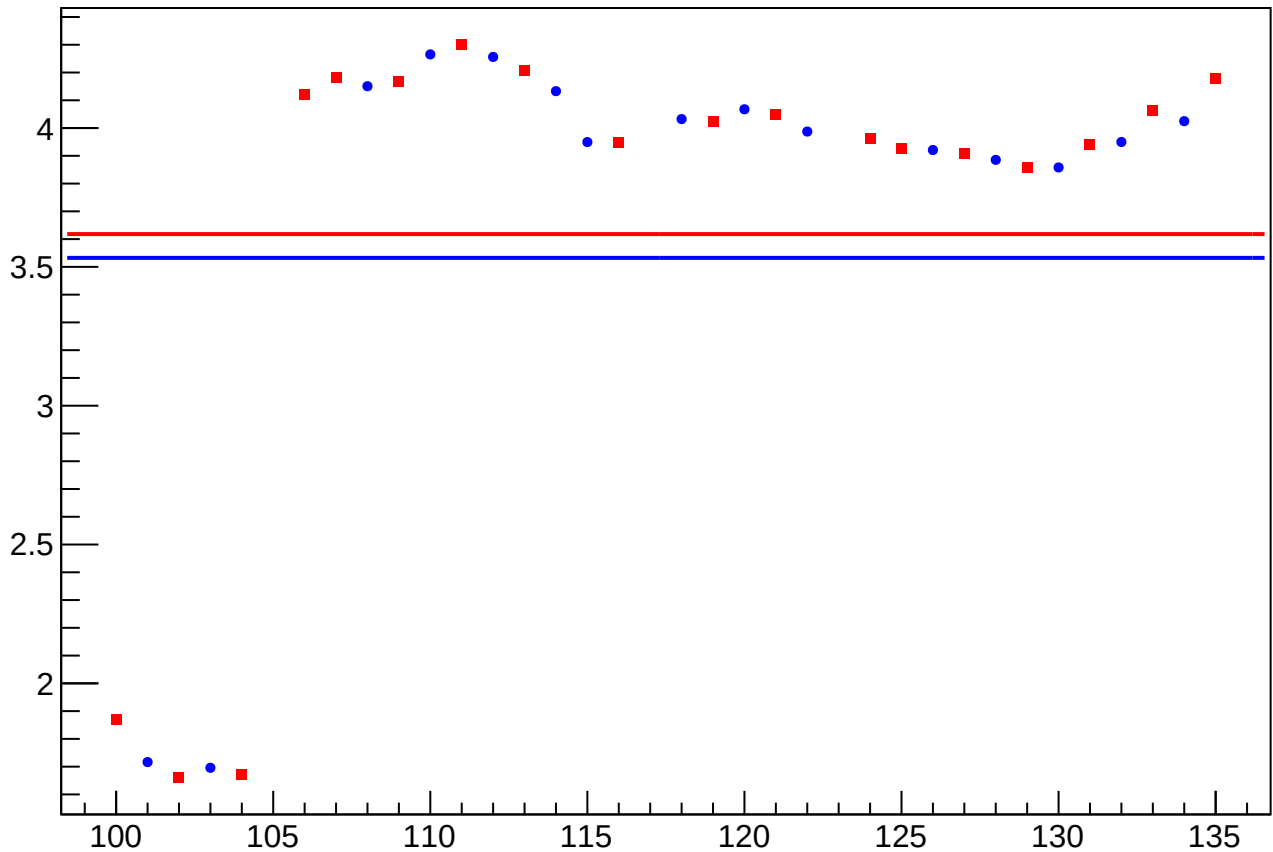
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 311225.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i04Y_mean vs Slug



Right In: 3.532 $\pm$ 0.000 χ^2 /NDF: 195164030929.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 3.618 $\pm$ 0.000 χ^2 /NDF: 211137301345.3/17

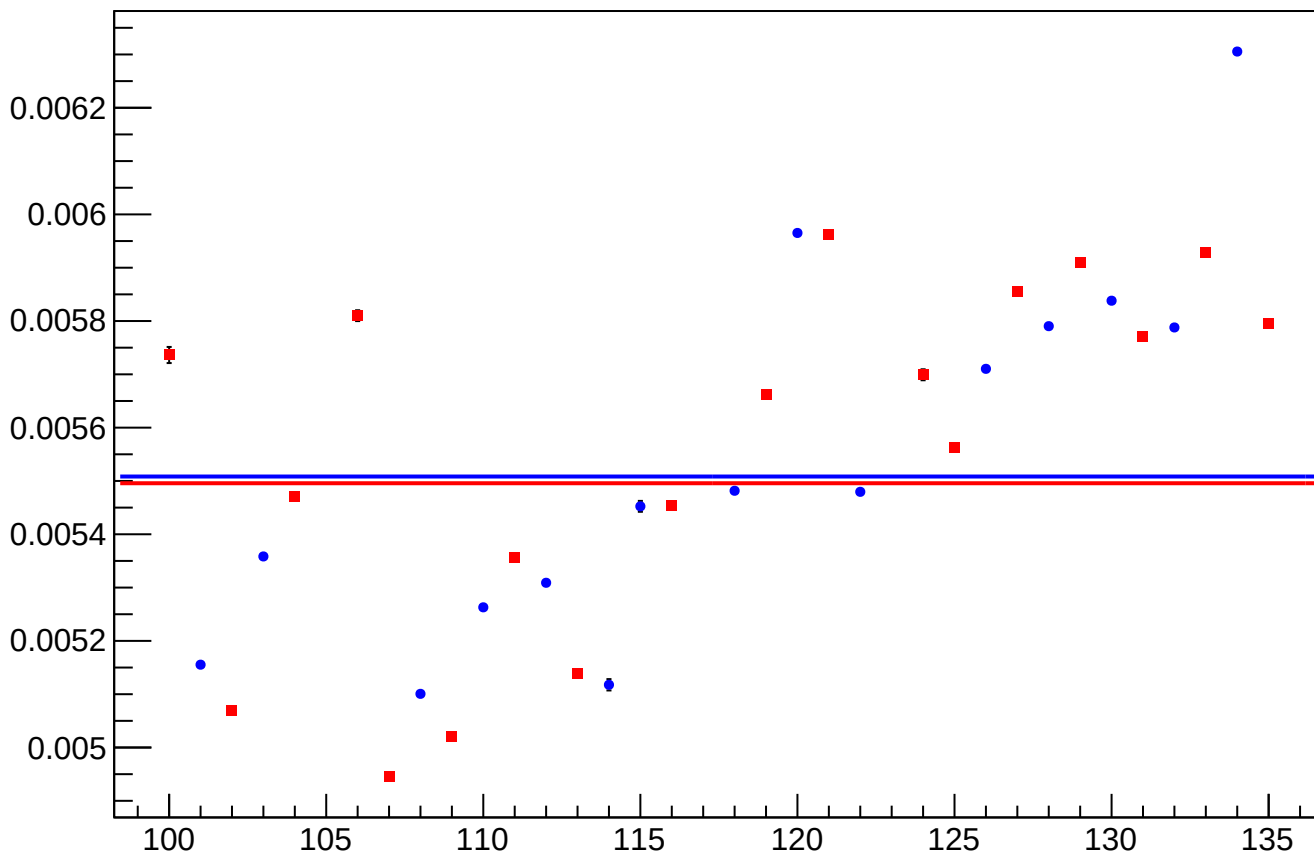
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.578 $\pm$ 0.000 χ^2 /NDF: 407109646679.8

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i04Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 41531.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 55047.7/17

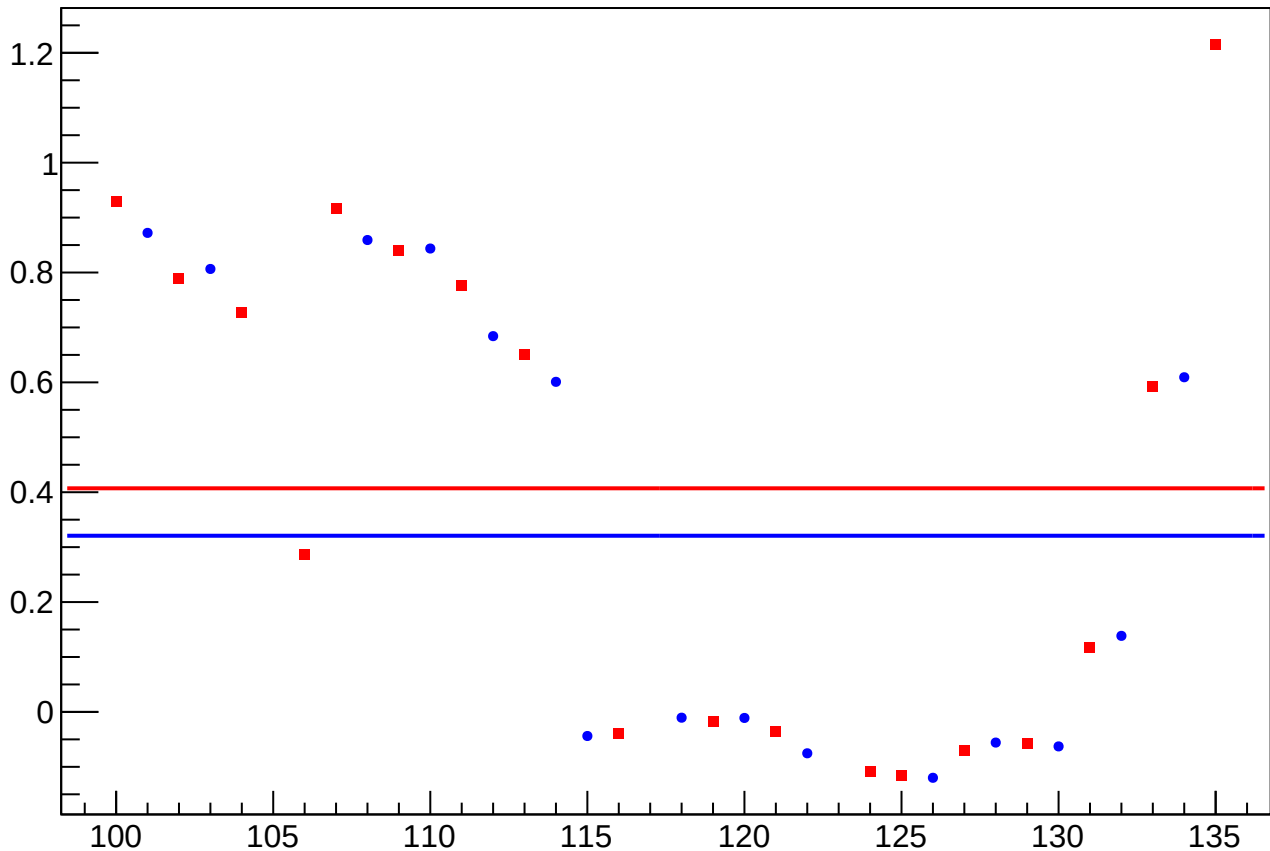
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 96613.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_mean vs Slug



Right In: 0.321+/-0.000 χ^2/NDF : 5301705084.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.407+/-0.000 χ^2/NDF : 6416716828.0/17

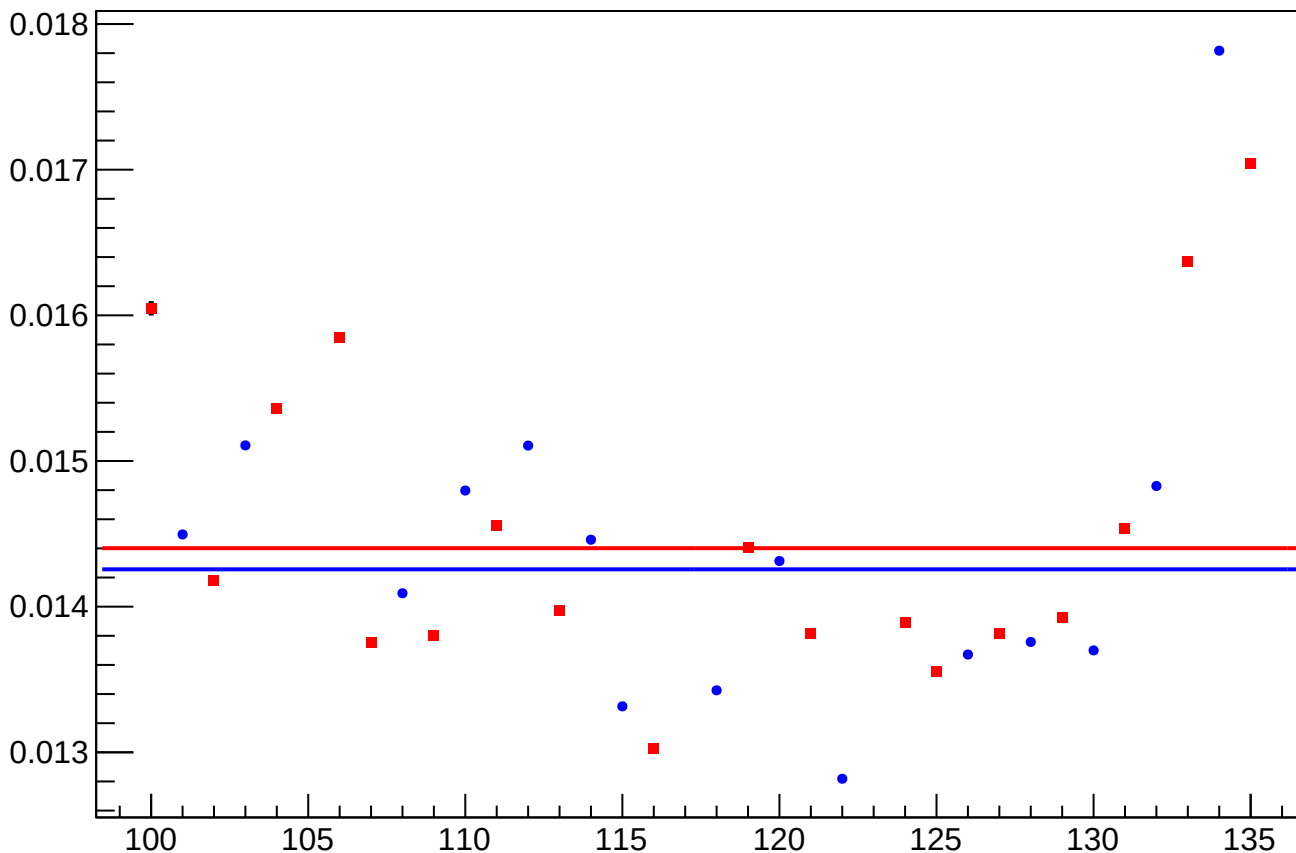
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.366+/-0.000 χ^2/NDF : 11839234302.7/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06X_rms vs Slug



Right In: 0.014 $\pm$ 0.000 χ^2 /NDF: 59916.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 63419.0/17

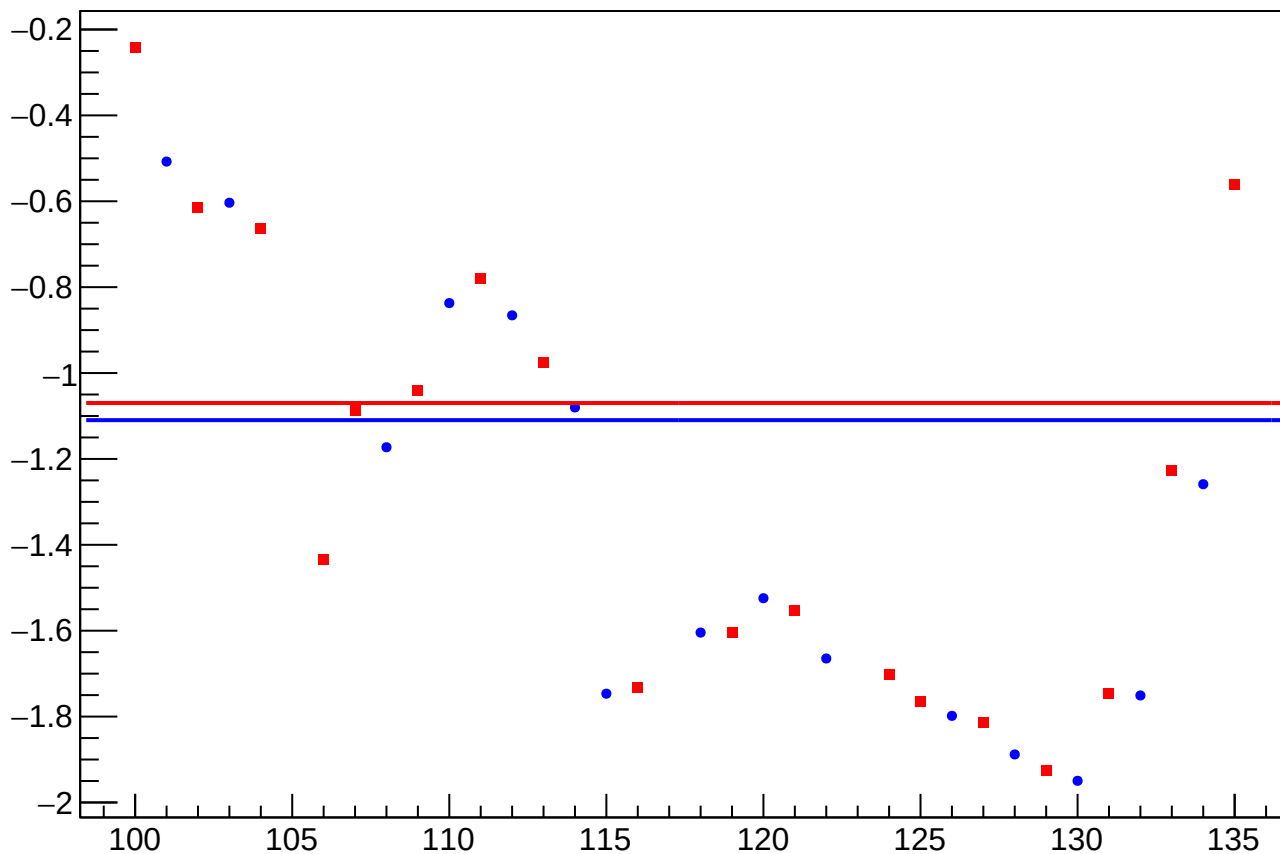
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.000 χ^2 /NDF: 124018.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm1i06Y_mean vs Slug



Right In: -1.110+/-0.000 χ^2/NDF : 57350387414.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.070+/-0.000 χ^2/NDF : 49322978030.4/17

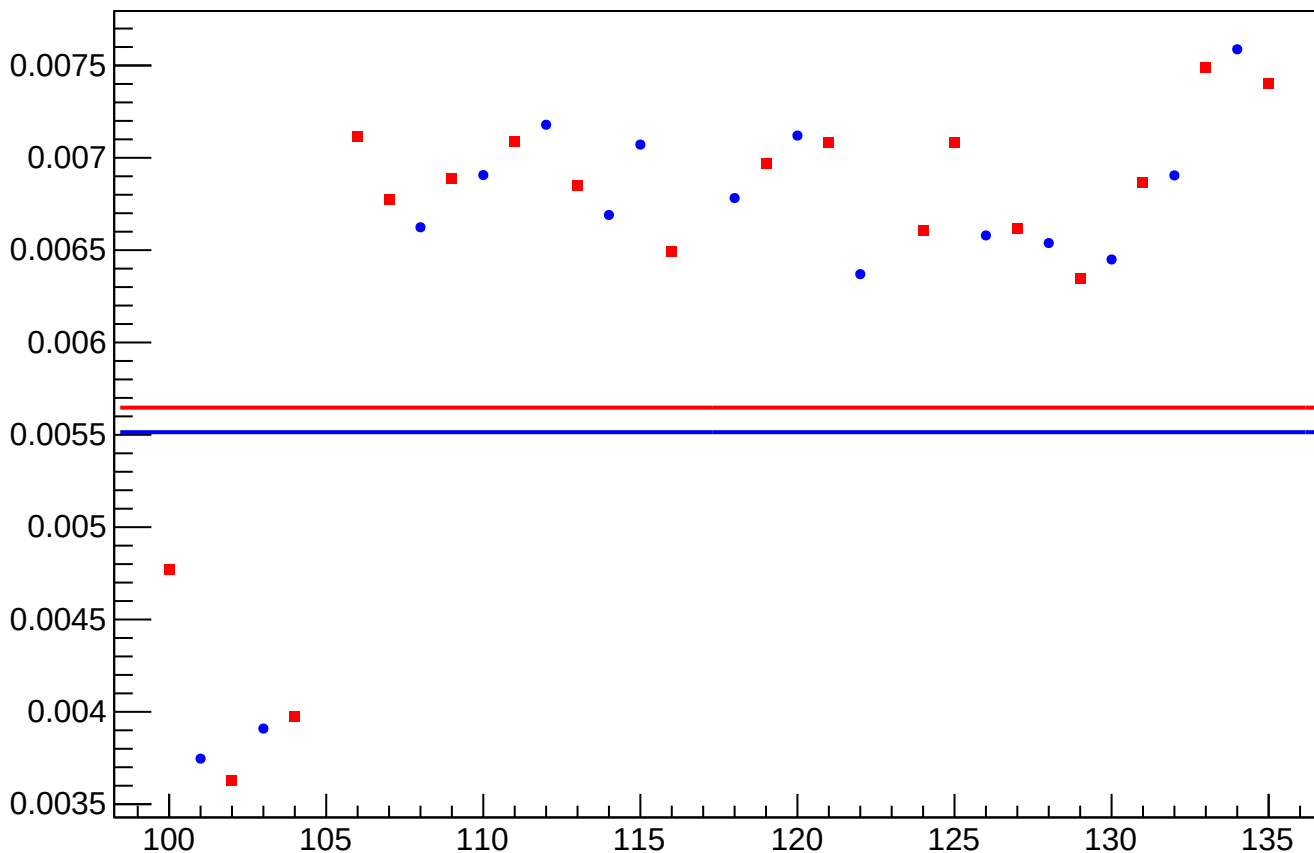
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.089+/-0.000 χ^2/NDF : 106824708739.4

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm1i06Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 807727.4/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 951537.3/17

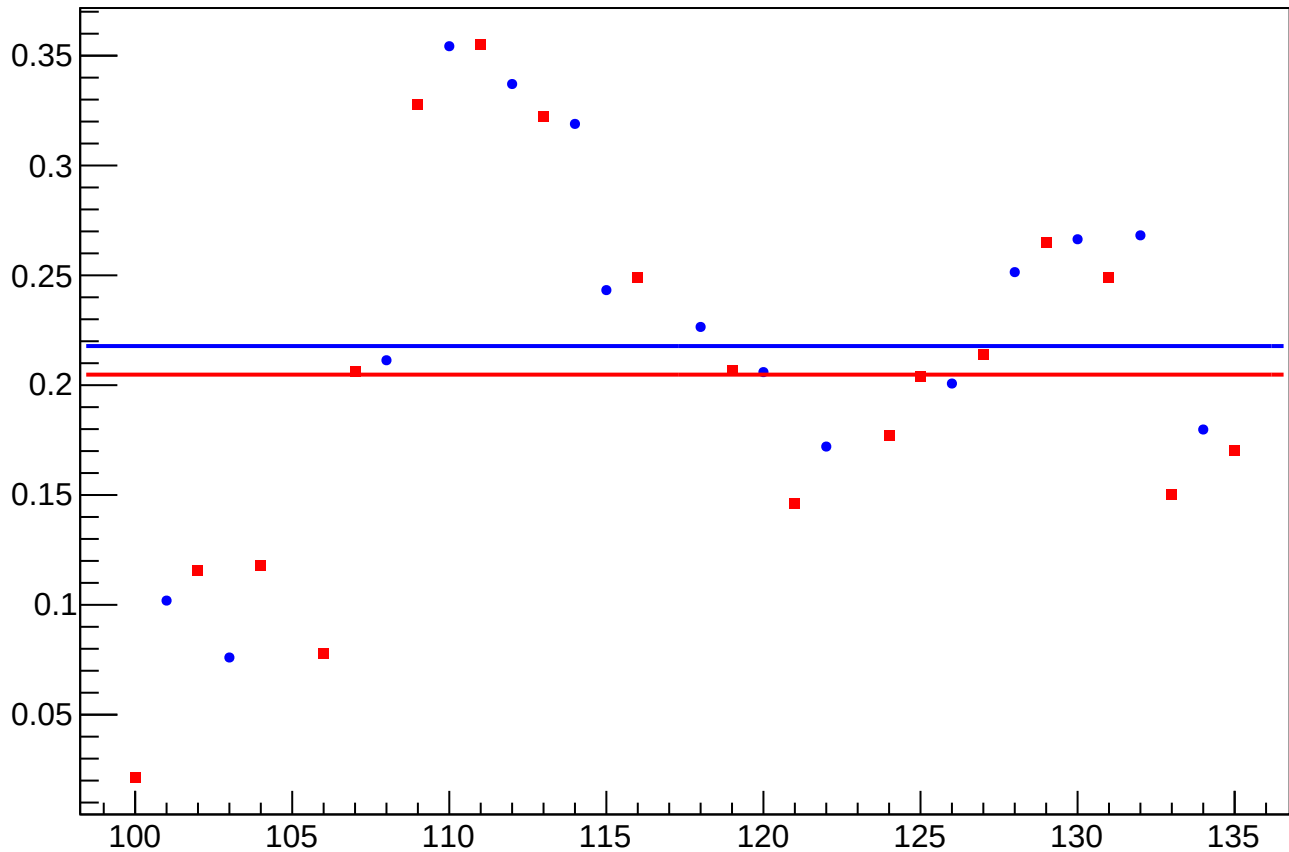
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 1762627.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_mean vs Slug



Right In: 0.218+/-0.000 χ^2/NDF : 16660806546.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.205+/-0.000 χ^2/NDF : 22303527691.4/17

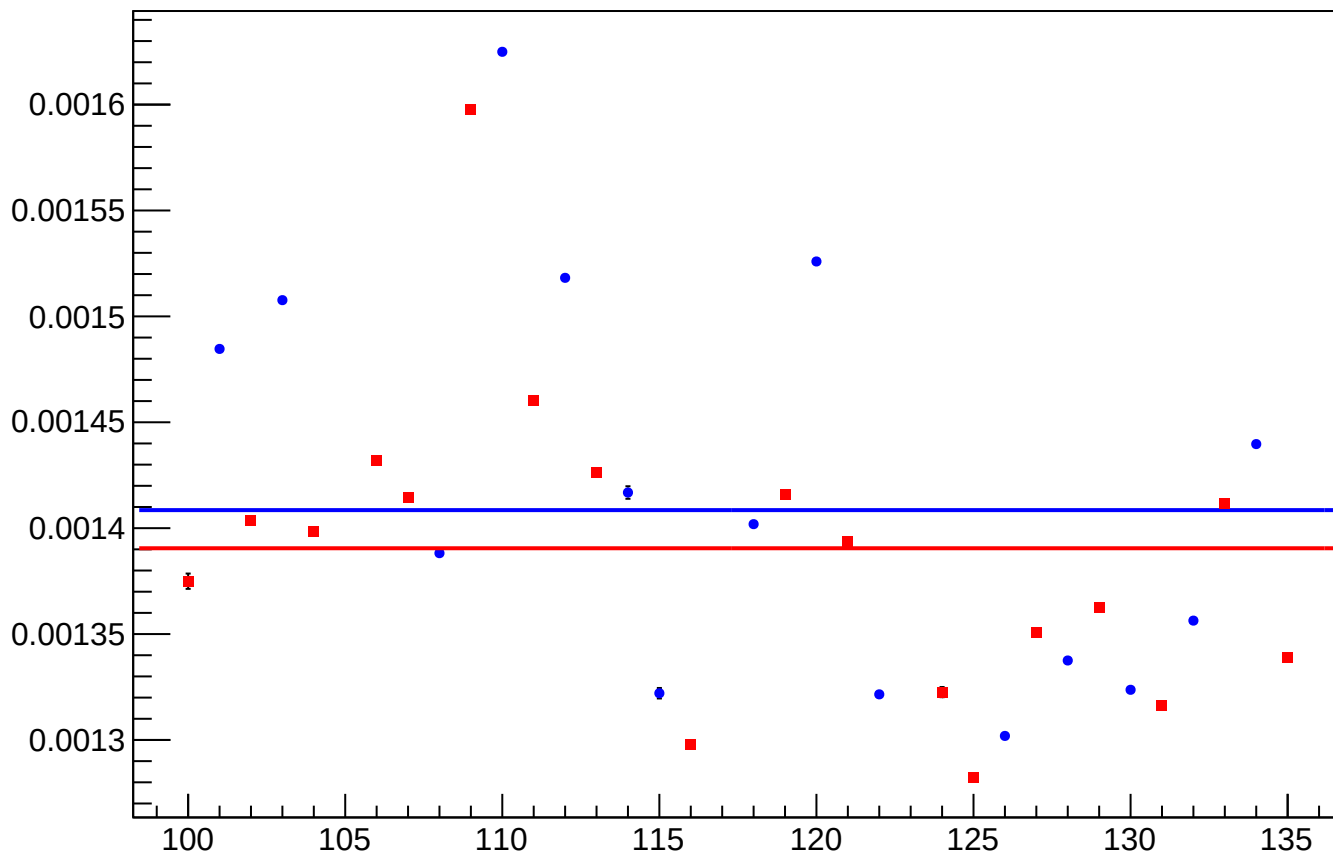
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.211+/-0.000 χ^2/NDF : 39246853519.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01X_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 47949.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 34731.8/17

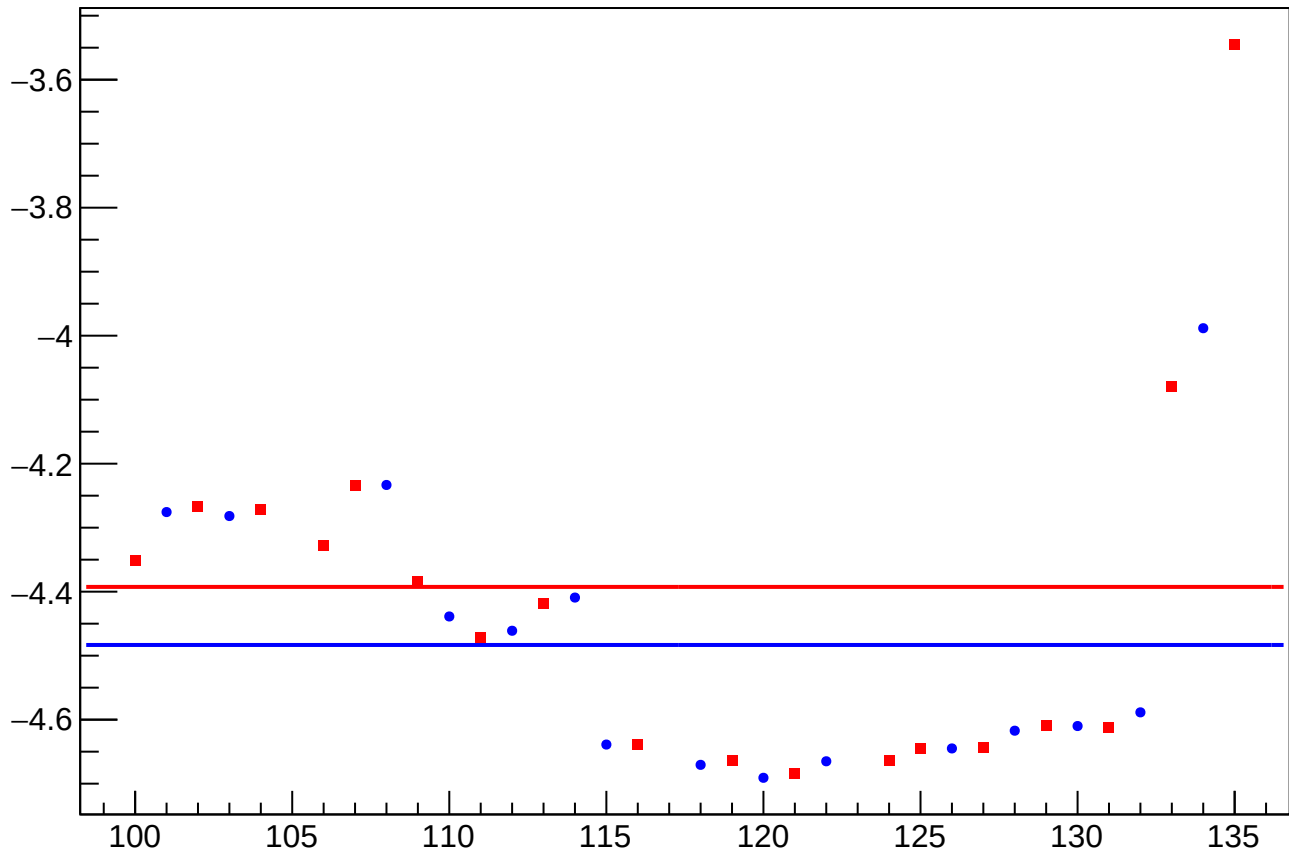
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 83764.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_mean vs Slug



Right In: -4.483+/-0.000 χ^2/NDF : 88331258164.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.393+/-0.000 χ^2/NDF : 243301766186.5/17

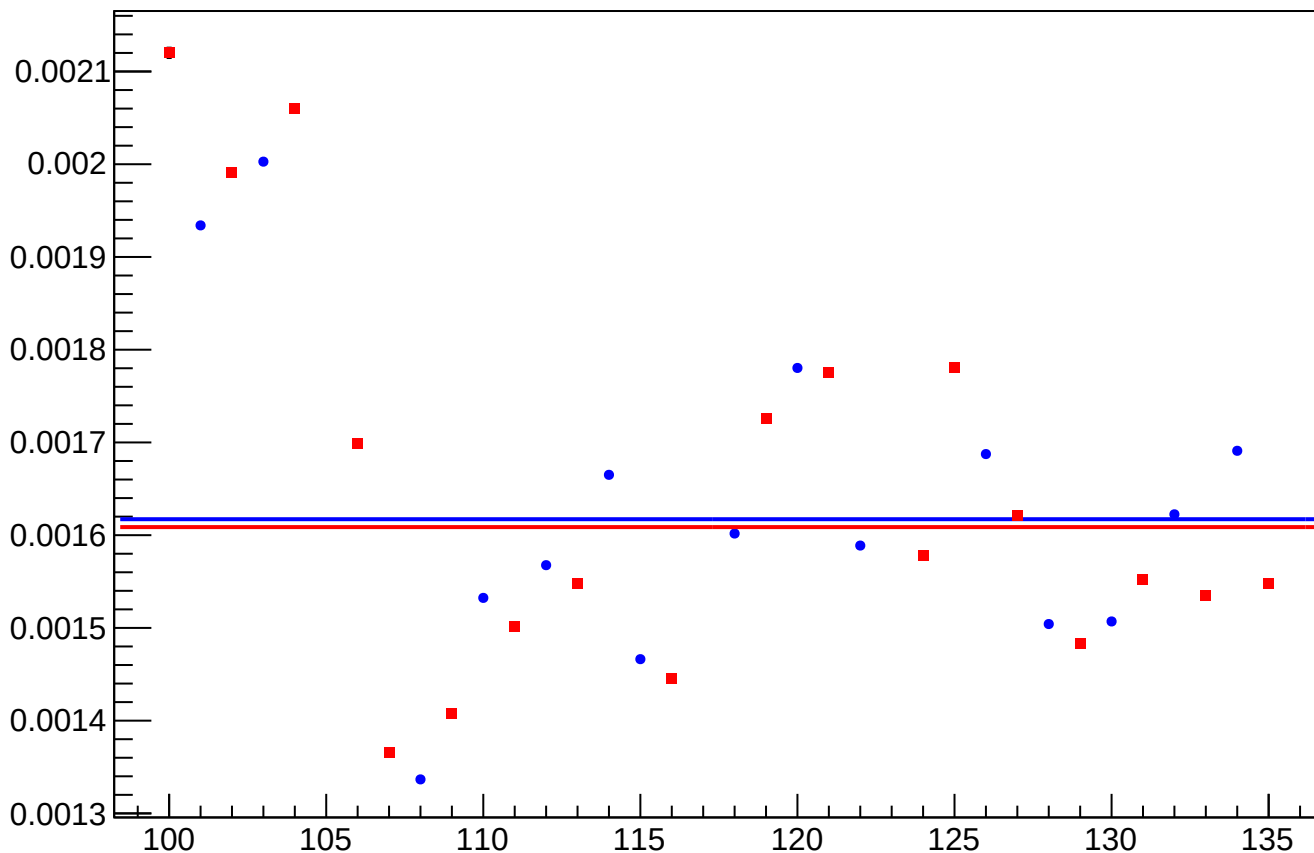
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.435+/-0.000 χ^2/NDF : 341830790267.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 139861.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 184813.8/17

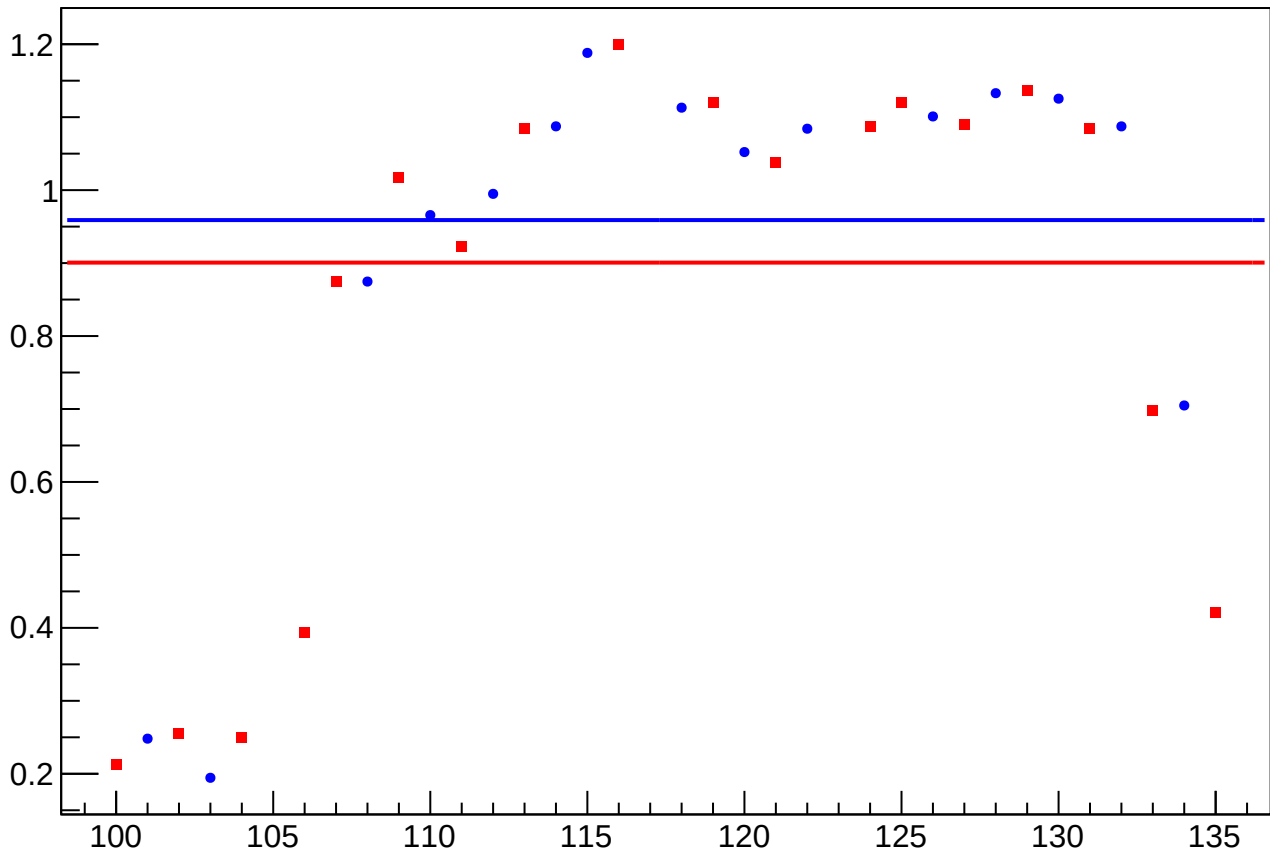
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 324854.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_mean vs Slug



Right In: 0.959+/-0.000 χ^2/NDF : 11720850146.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.901+/-0.000 χ^2/NDF : 16988333496.4/17

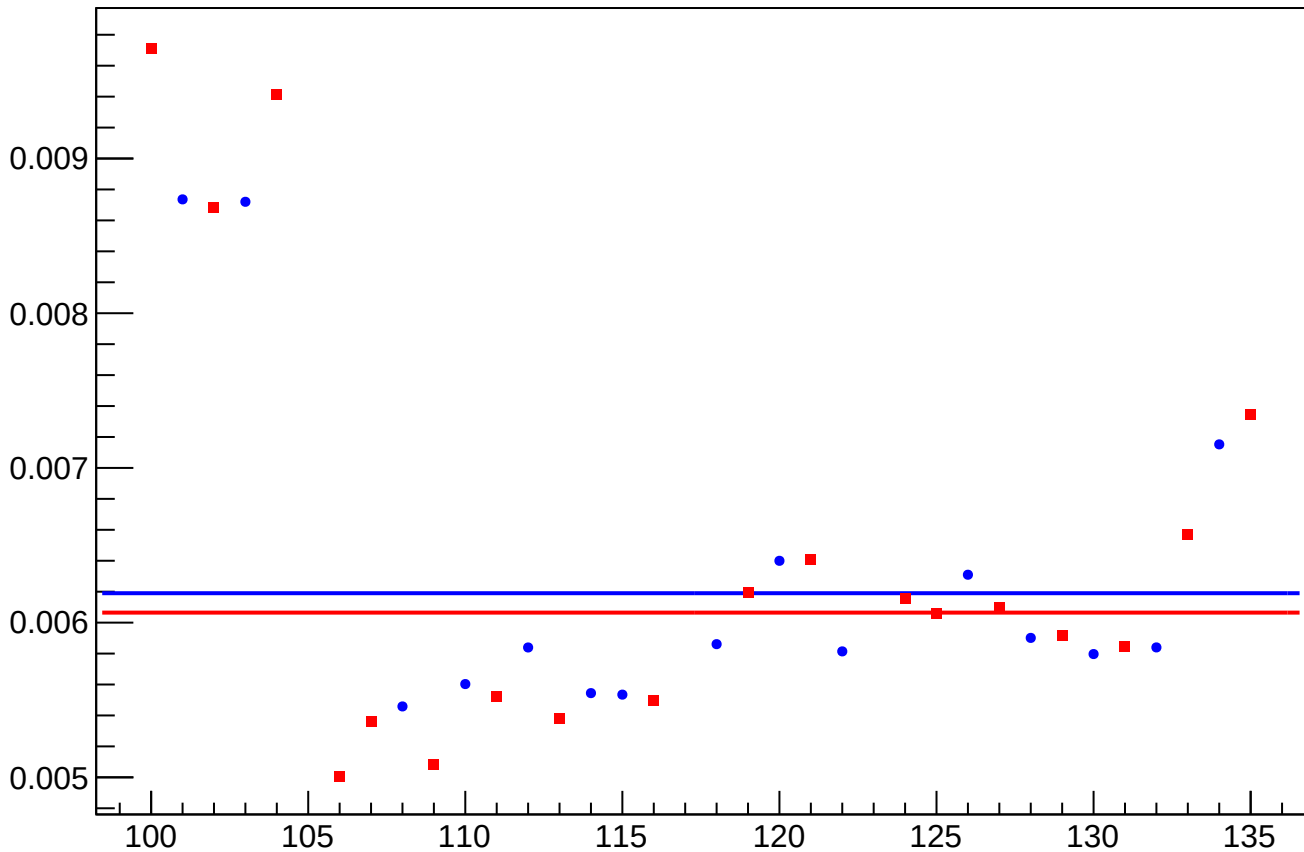
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.927+/-0.000 χ^2/NDF : 29006424788.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 276179.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 417813.5/17

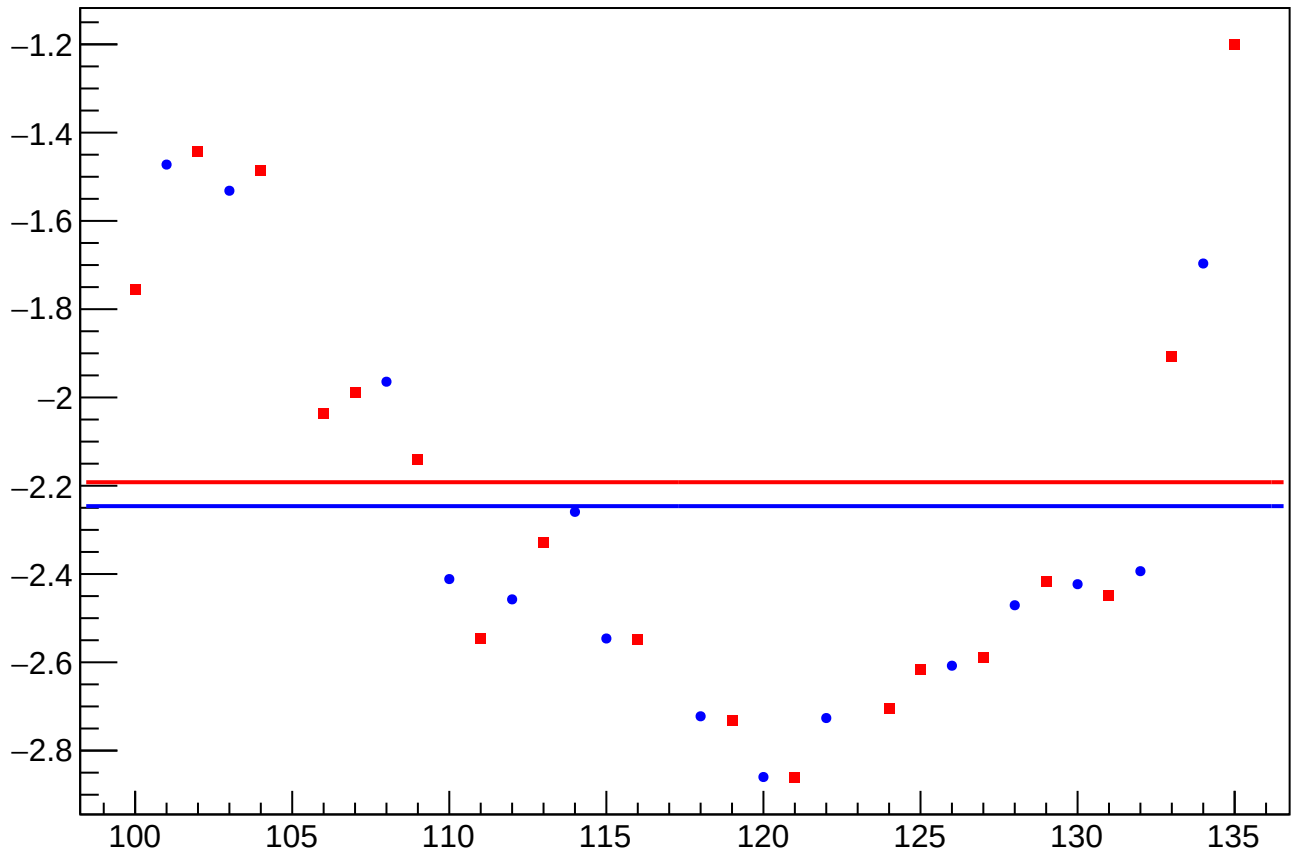
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 696745.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_mean vs Slug



Right In: -2.246+/-0.000 χ^2/NDF : 40421672733.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.192+/-0.000 χ^2/NDF : 51938693360.1/17

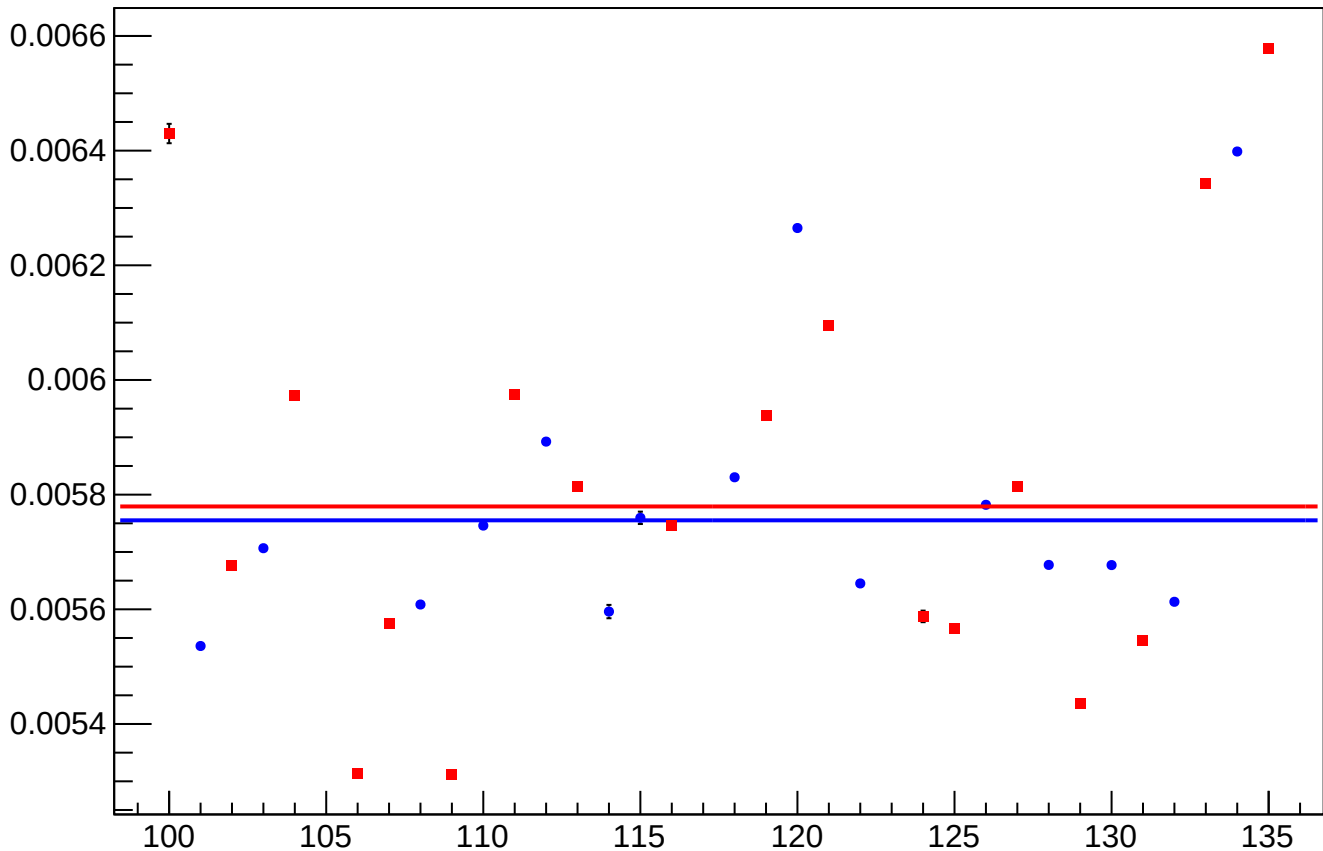
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.217+/-0.000 χ^2/NDF : 92659070667.5/

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm2i02Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 17123.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 49498.2/17

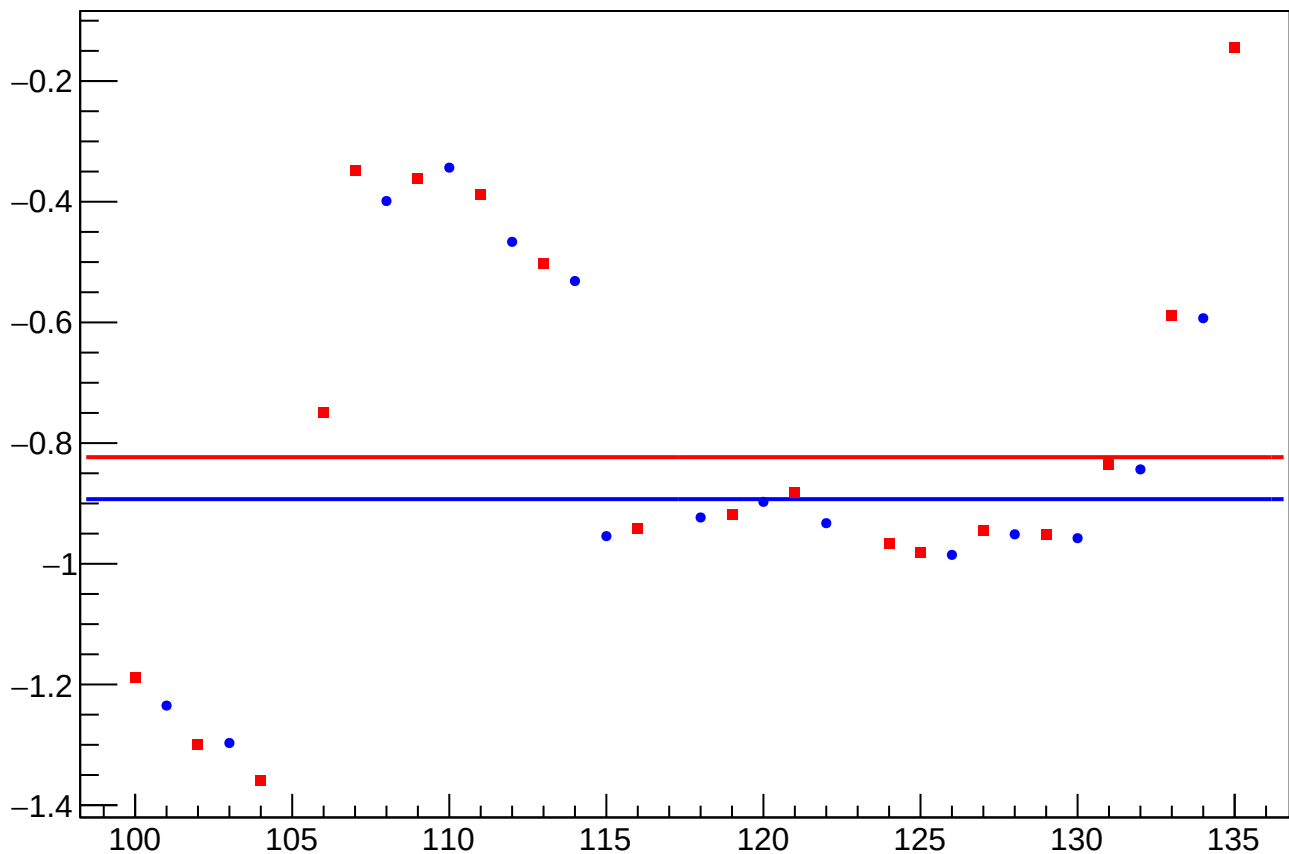
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 66740.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_mean vs Slug



Right In: -0.893 ± 0.000 χ^2/NDF : 4362305953.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.823 ± 0.000 χ^2/NDF : 7447939005.2/17

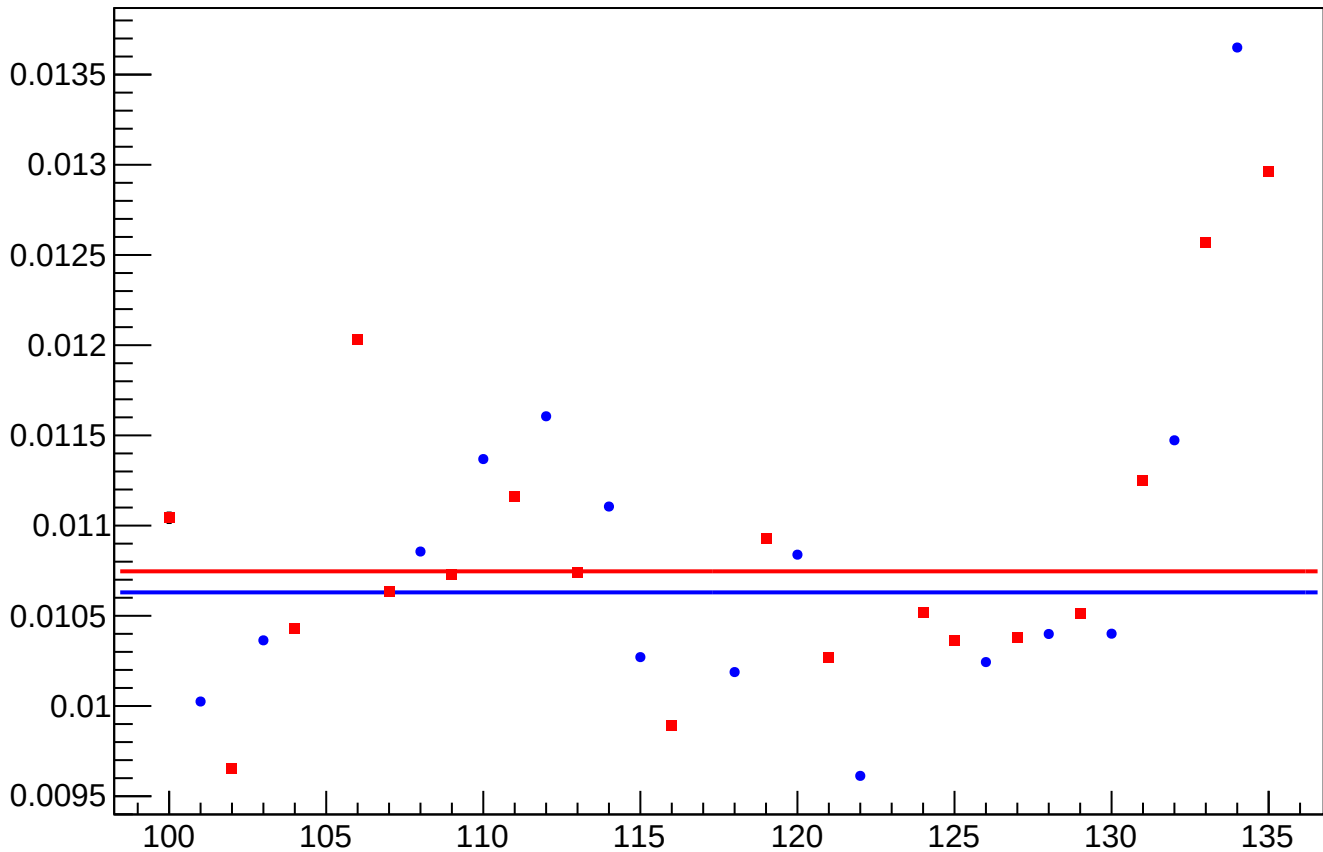
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.856 ± 0.000 χ^2/NDF : 11950234448.7

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i01X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 71246.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 81836.5/17

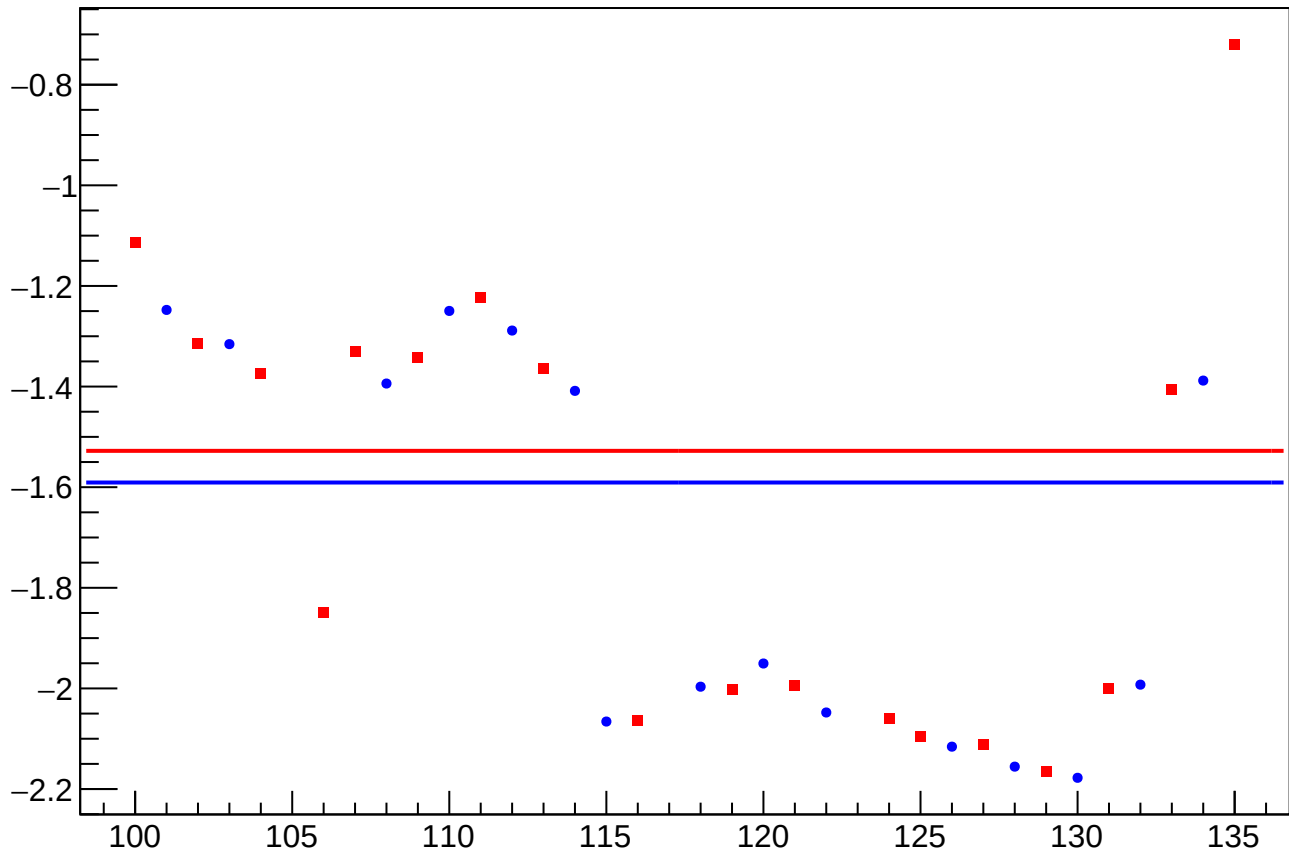
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 153869.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_mean vs Slug



Right In: -1.591 ± 0.000 χ^2/NDF : 128598301798.7/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

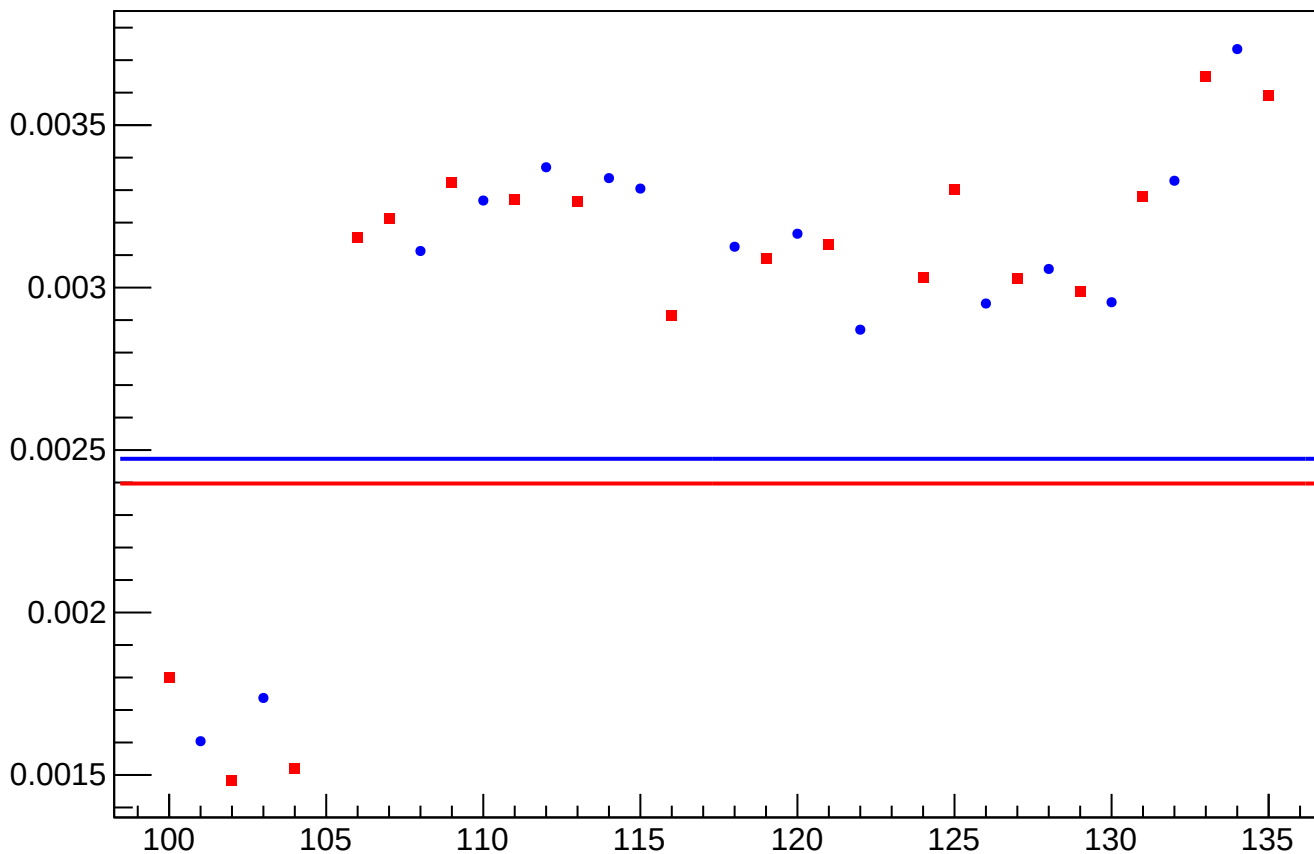
Right Out: -1.528 ± 0.000 χ^2/NDF : 138267807225.2/17

All: -1.557 ± 0.000 χ^2/NDF : 268712303228.3

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0i01Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 992120.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1501971.8/17

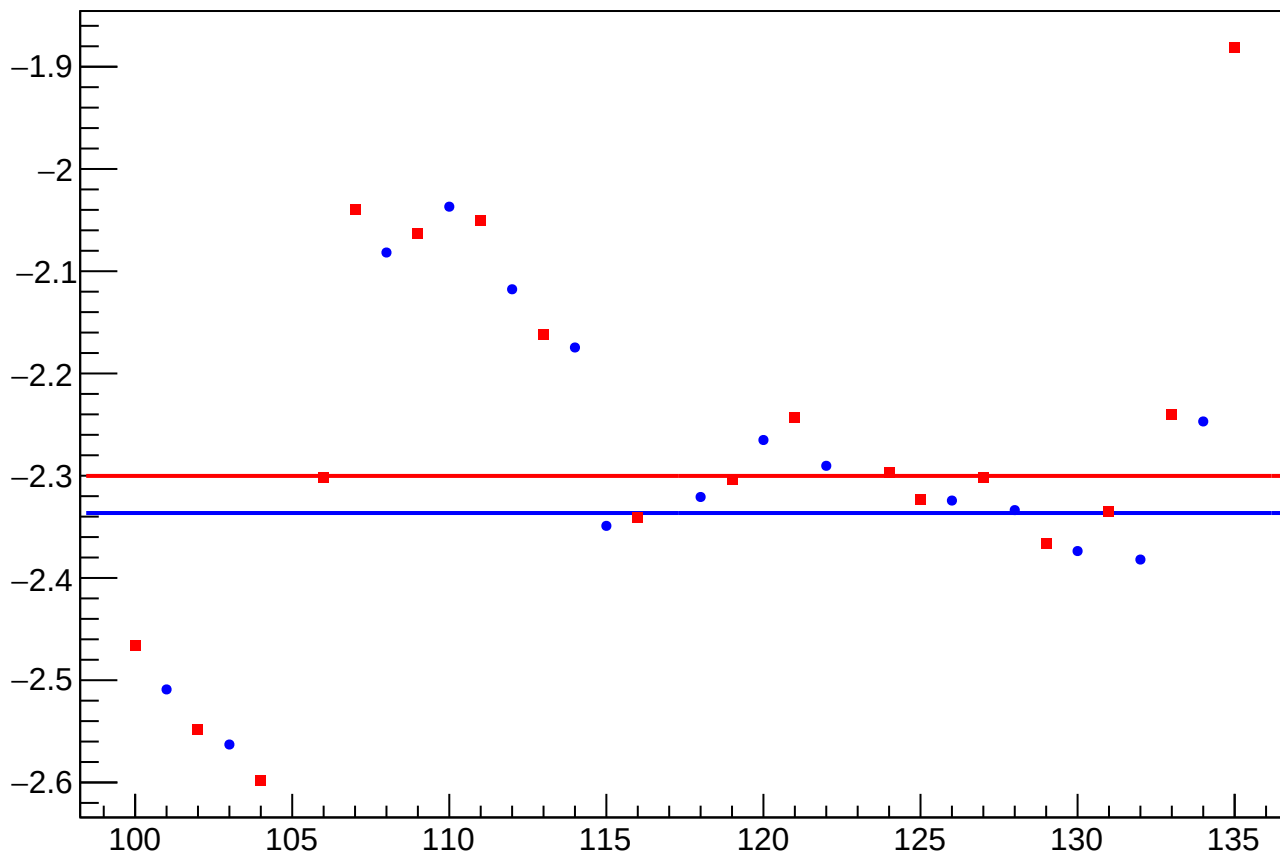
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2499489.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aX_mean vs Slug



Right In: -2.336+/-0.000 χ^2 /NDF: 3293437004.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.300+/-0.000 χ^2 /NDF: 6042597057.3/17

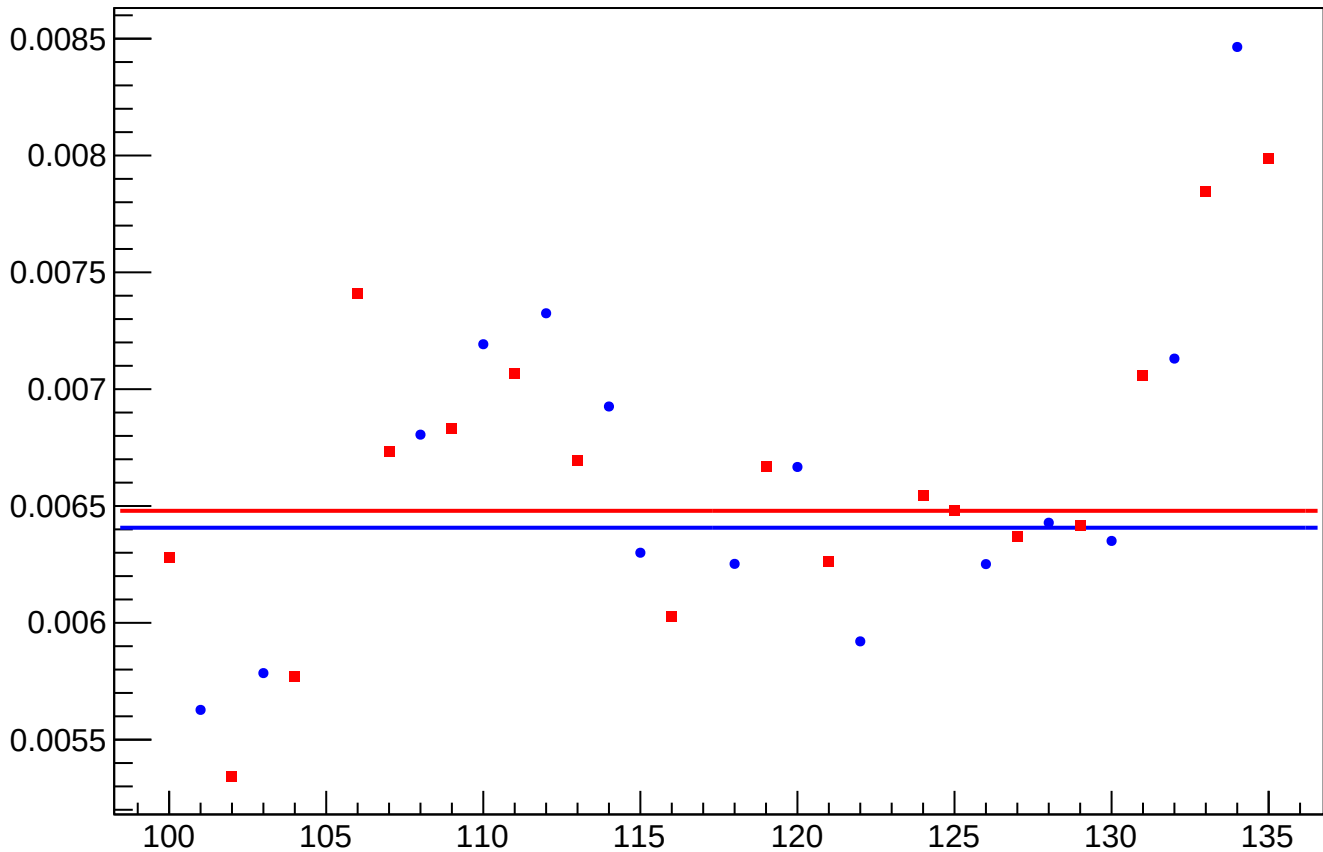
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -2.317+/-0.000 χ^2 /NDF: 9438905526.4/3

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

yield_bpm0i01aX_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 126303.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 163613.6/17

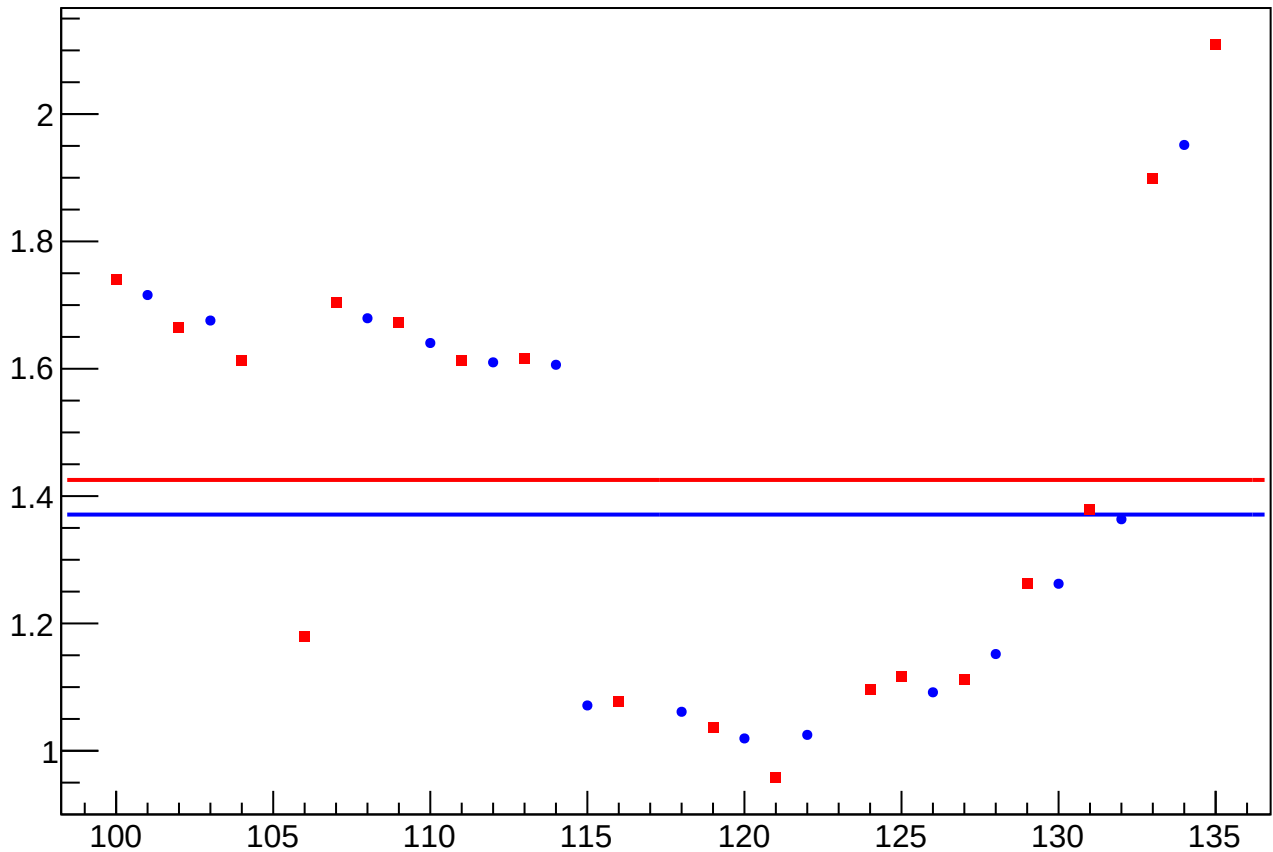
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 290736.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_mean vs Slug



Right In: 1.371+/-0.000 χ^2/NDF : 127624646231.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.425+/-0.000 χ^2/NDF : 170582477730.3/17

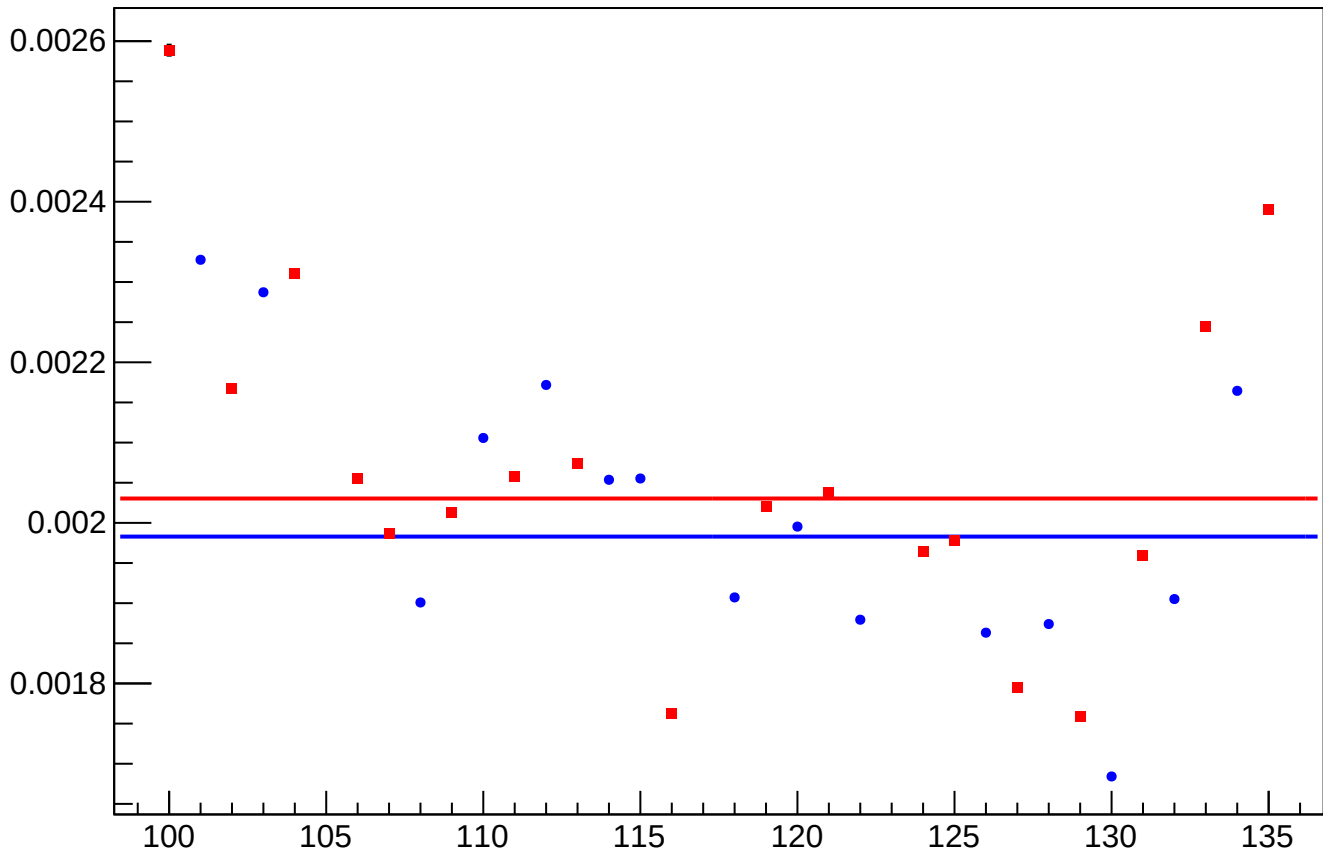
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.399+/-0.000 χ^2/NDF : 300484417735.5

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0i01aY_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 106984.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 105125.3/17

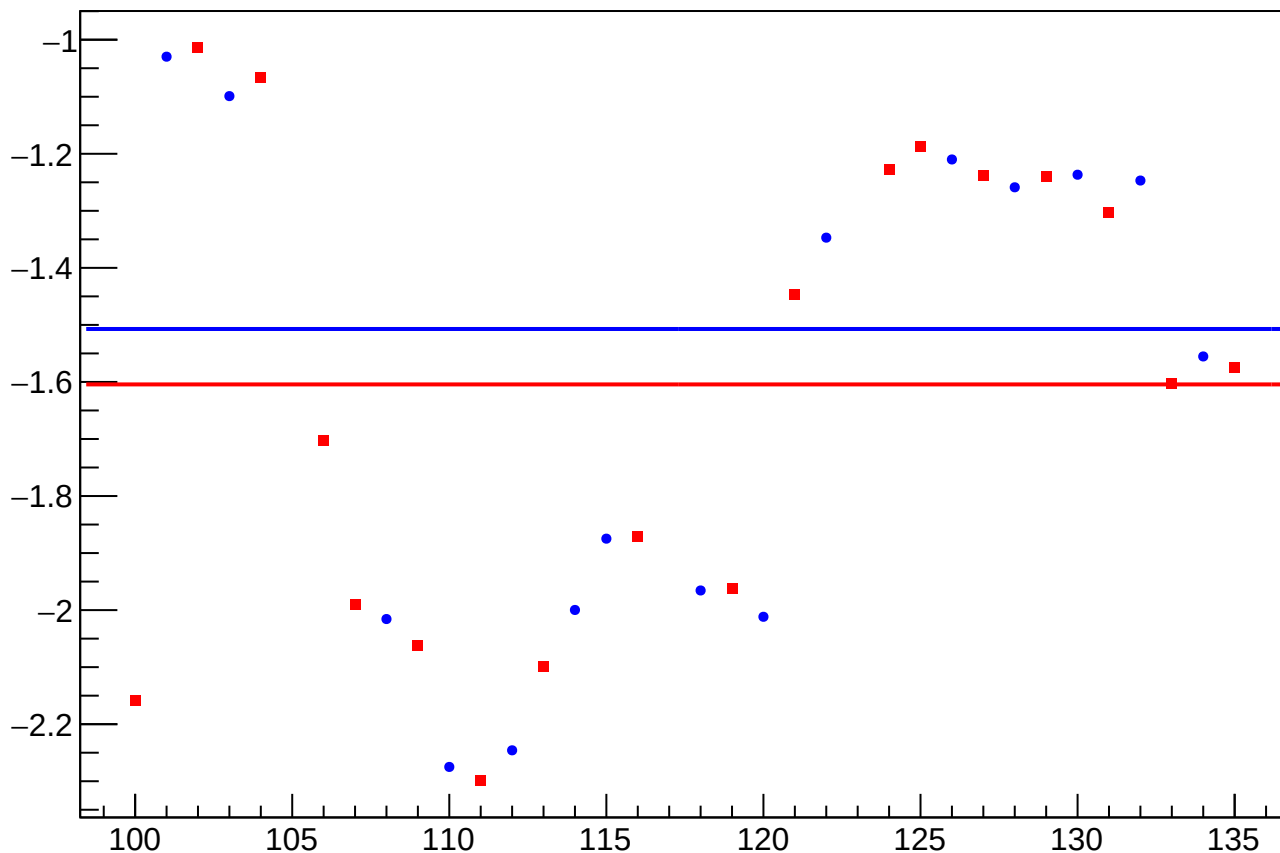
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 215572.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l01X_mean vs Slug



Right In: -1.507 ± 0.000 χ^2/NDF : 22854836898.7/14

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

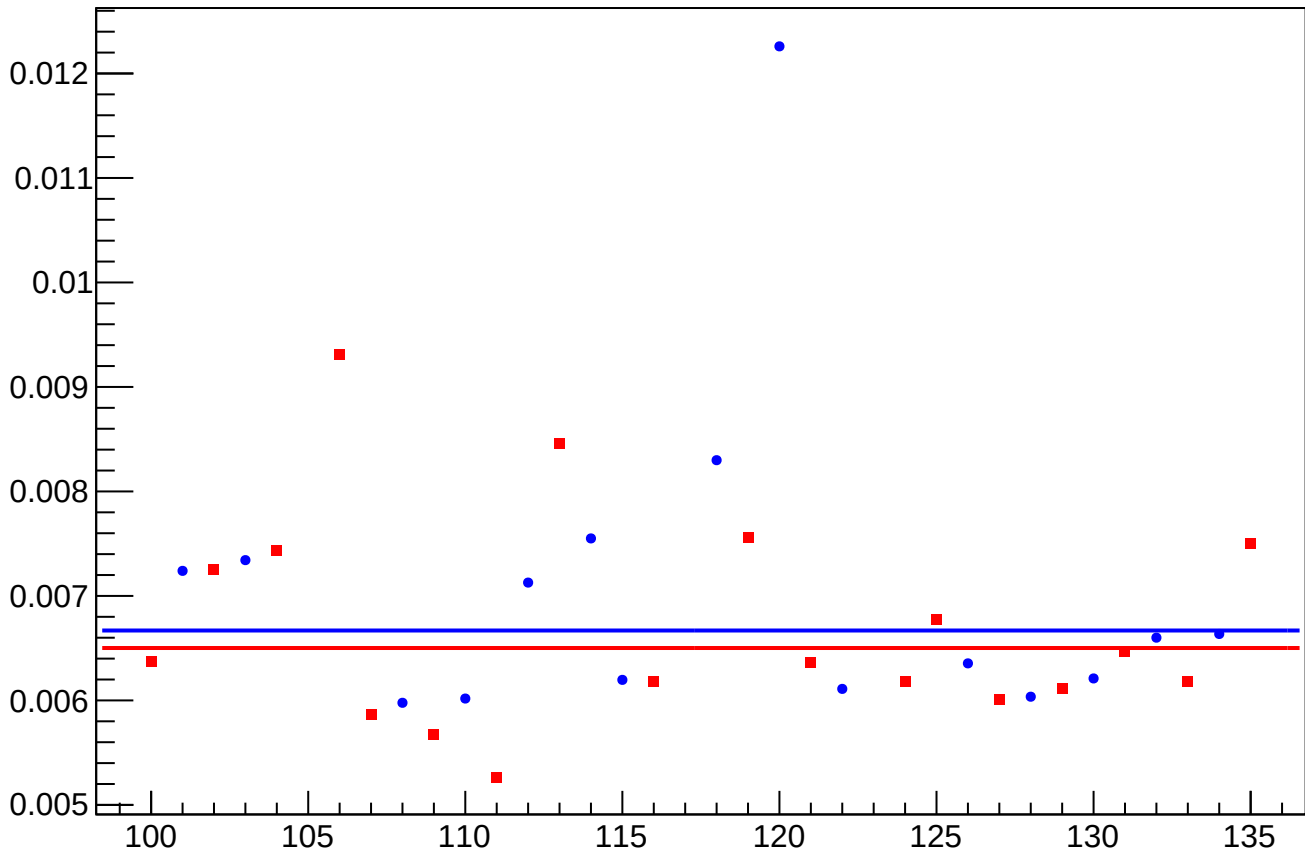
Right Out: -1.604 ± 0.000 χ^2/NDF : 28270536359.3/17

All: -1.561 ± 0.000 χ^2/NDF : 51789890358.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0l01X_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 216984.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.000 χ^2/NDF : 241191.2/17

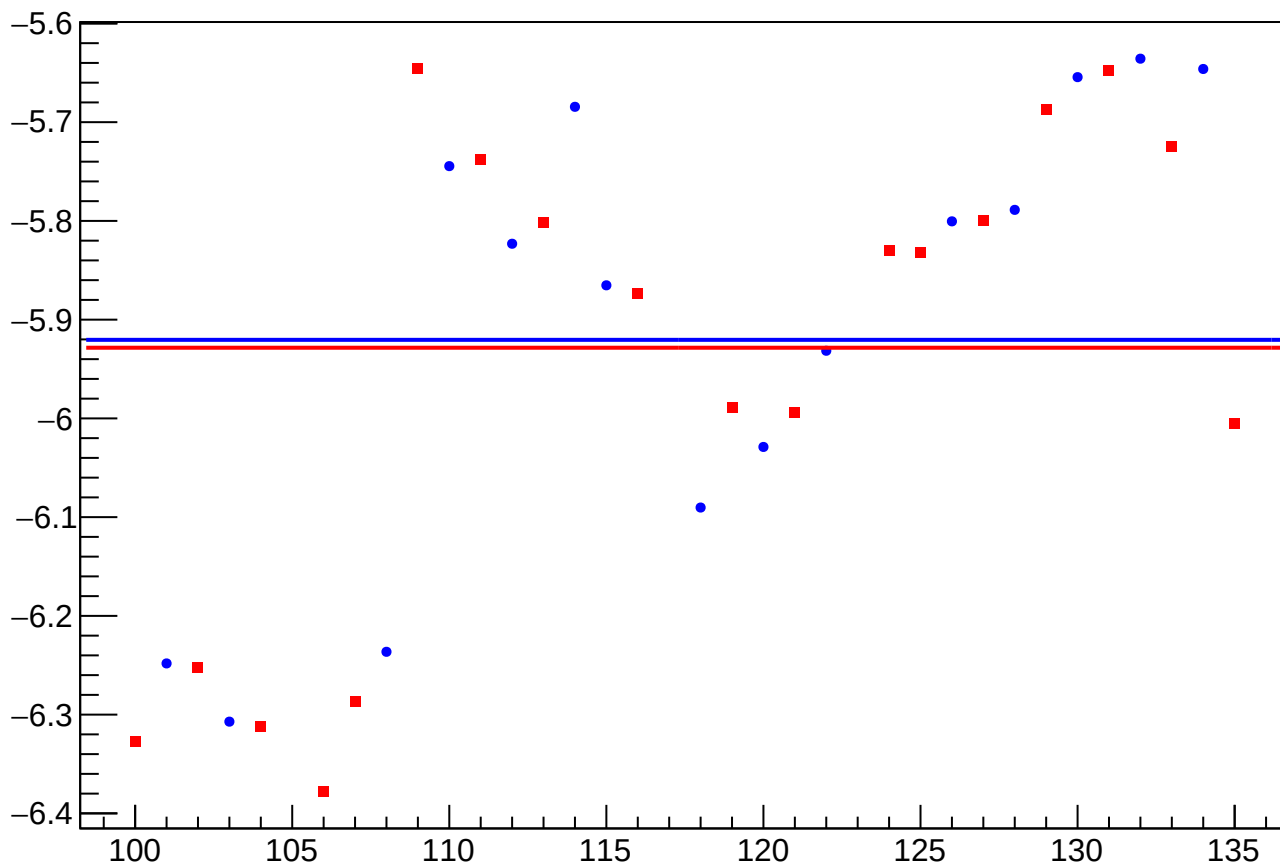
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.007+/-0.000 χ^2/NDF : 462127.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_mean vs Slug



Right In: -5.920+/-0.000 χ^2/NDF : 11739116917.1/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

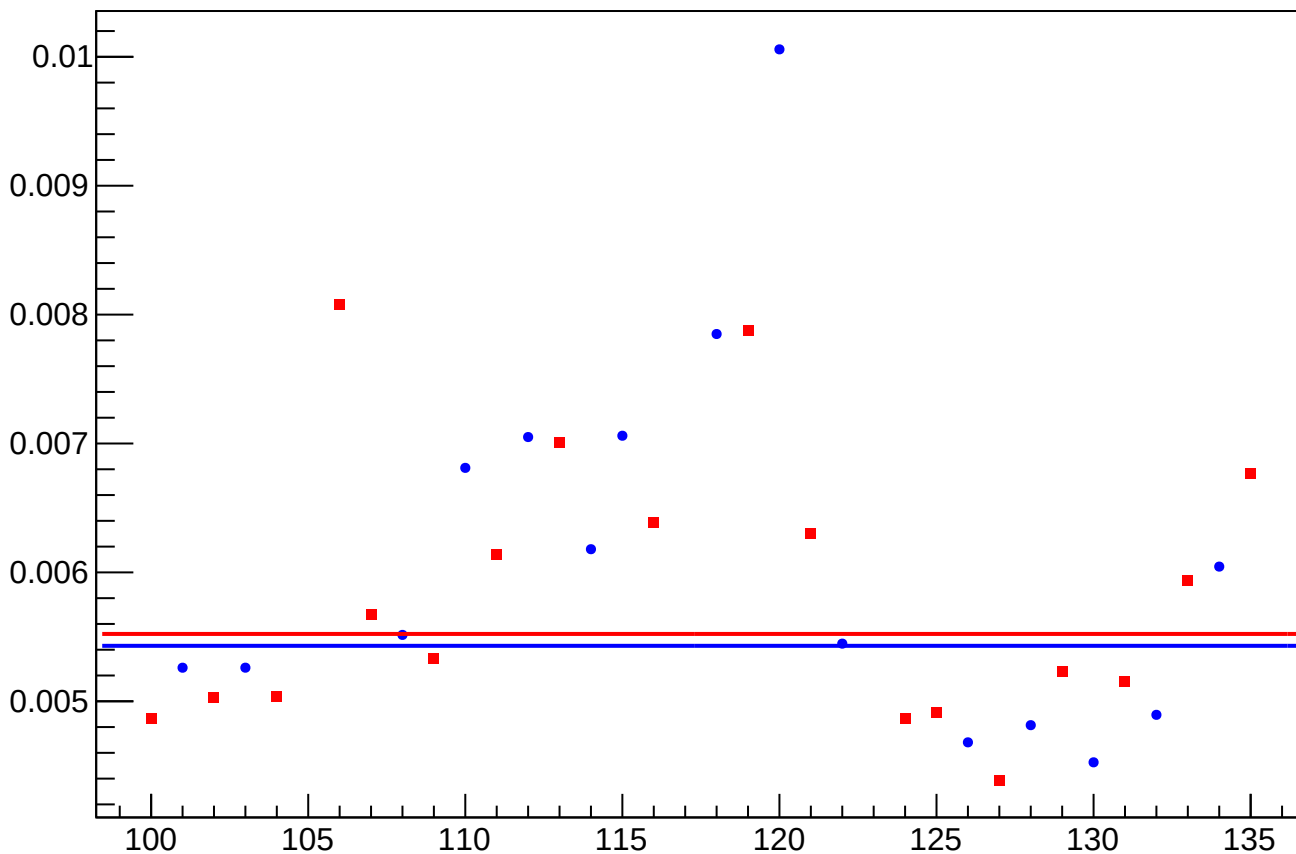
Right Out: -5.928+/-0.000 χ^2/NDF : 12639978898.2/17

All: -5.925+/-0.000 χ^2/NDF : 24385362780.0/14

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l01Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 385051.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 333741.9/17

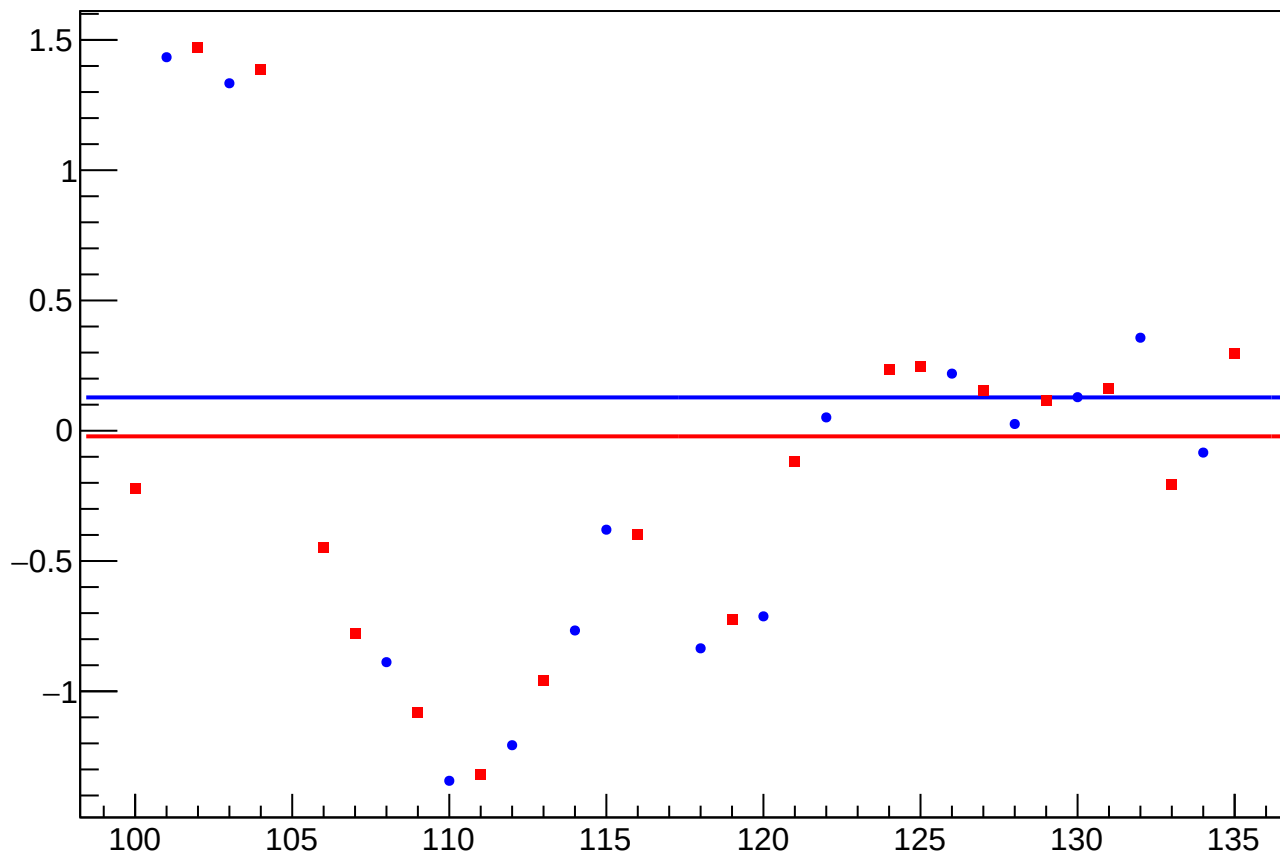
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 720462.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_mean vs Slug



Right In: 0.128+/-0.000 χ^2/NDF : 17577903875.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.022+/-0.000 χ^2/NDF : 22355509421.0/17

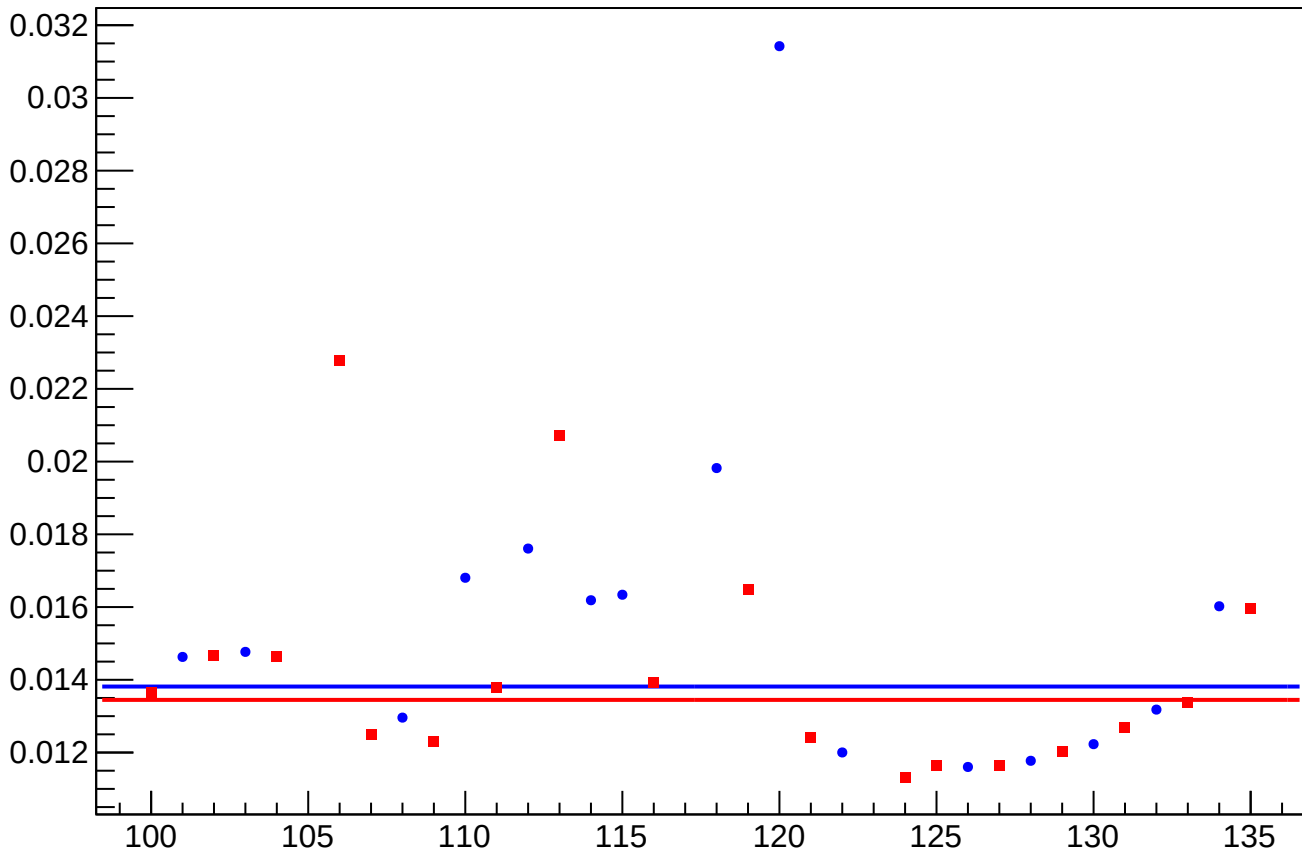
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.000 χ^2/NDF : 40292722472.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02X_rms vs Slug



Right In: 0.014+/-0.000 χ^2/NDF : 424862.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.013+/-0.000 χ^2/NDF : 305547.4/17

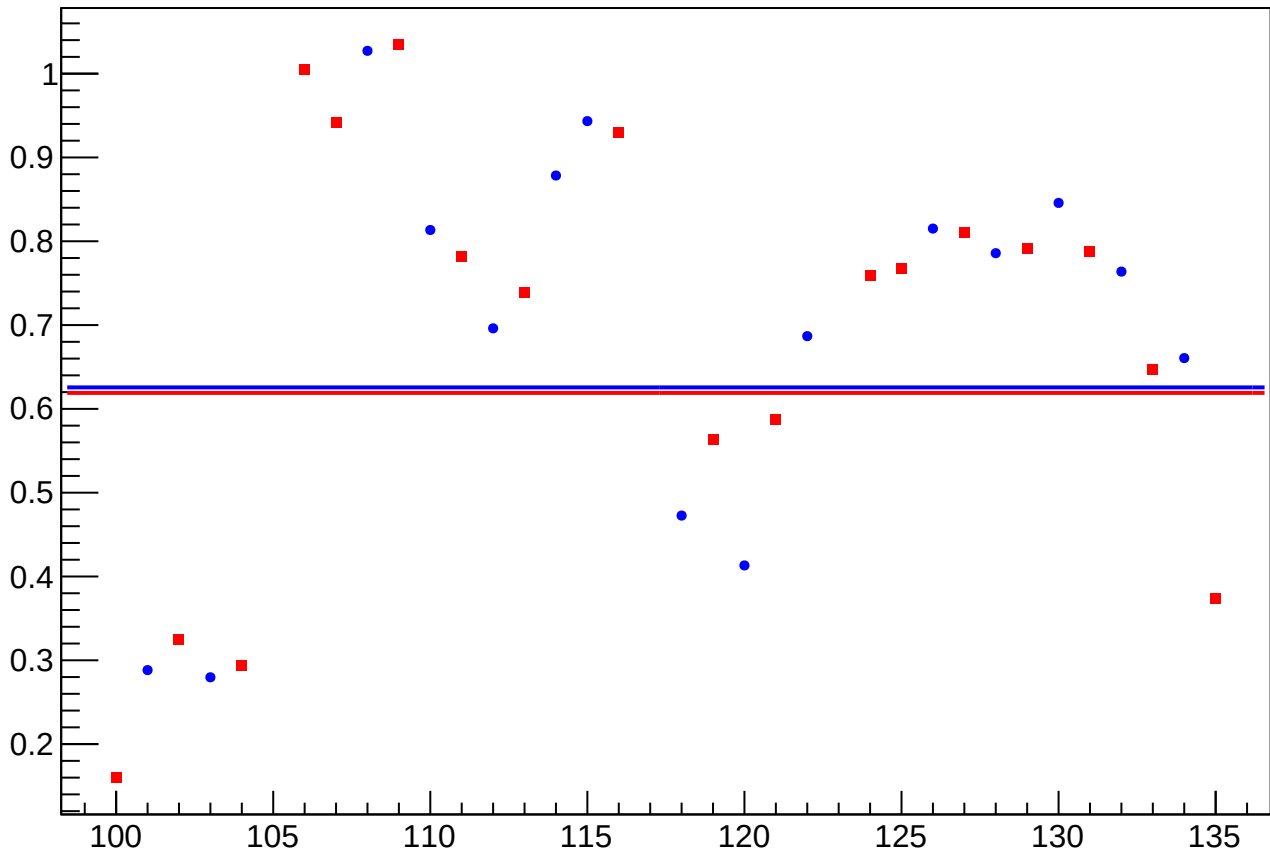
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.014+/-0.000 χ^2/NDF : 734743.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_mean vs Slug



Right In: 0.626+/-0.000 χ^2/NDF : 5491229098.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.619+/-0.000 χ^2/NDF : 6386054330.5/17

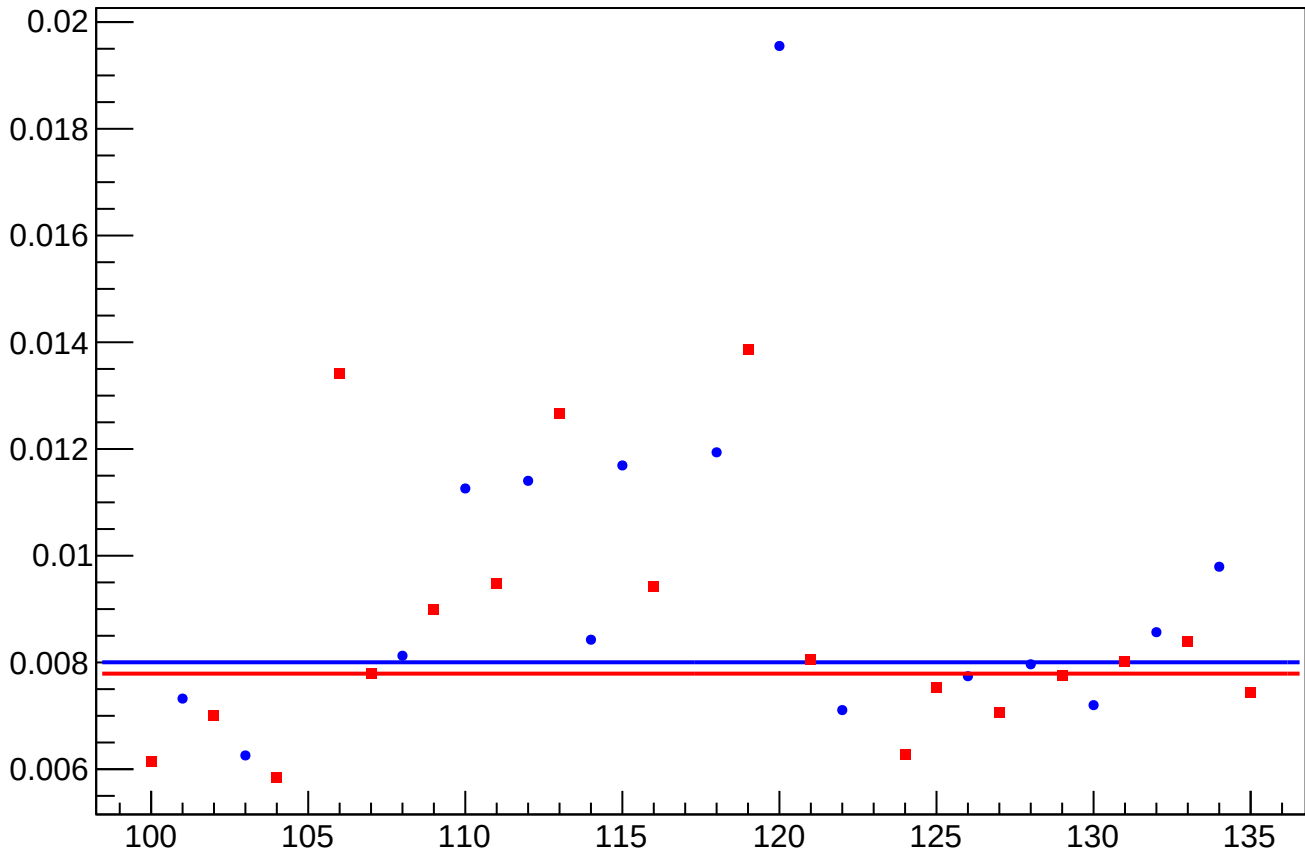
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.622+/-0.000 χ^2/NDF : 11879272165.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l02Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 594534.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 584674.6/17

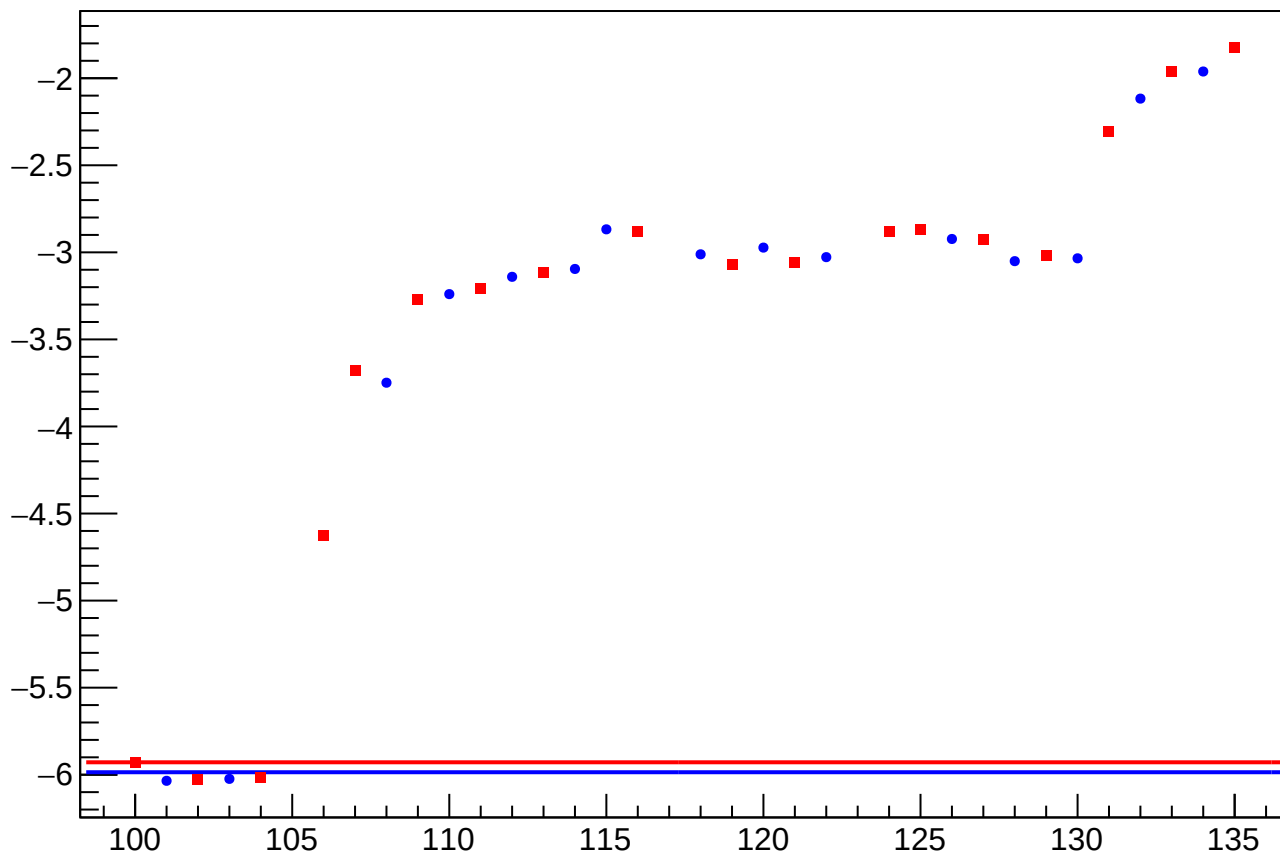
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 1183395.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_mean vs Slug



Right In: -5.986+/-0.000 χ^2/NDF : 6264052021.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.929+/-0.000 χ^2/NDF : 13626390823.9/17

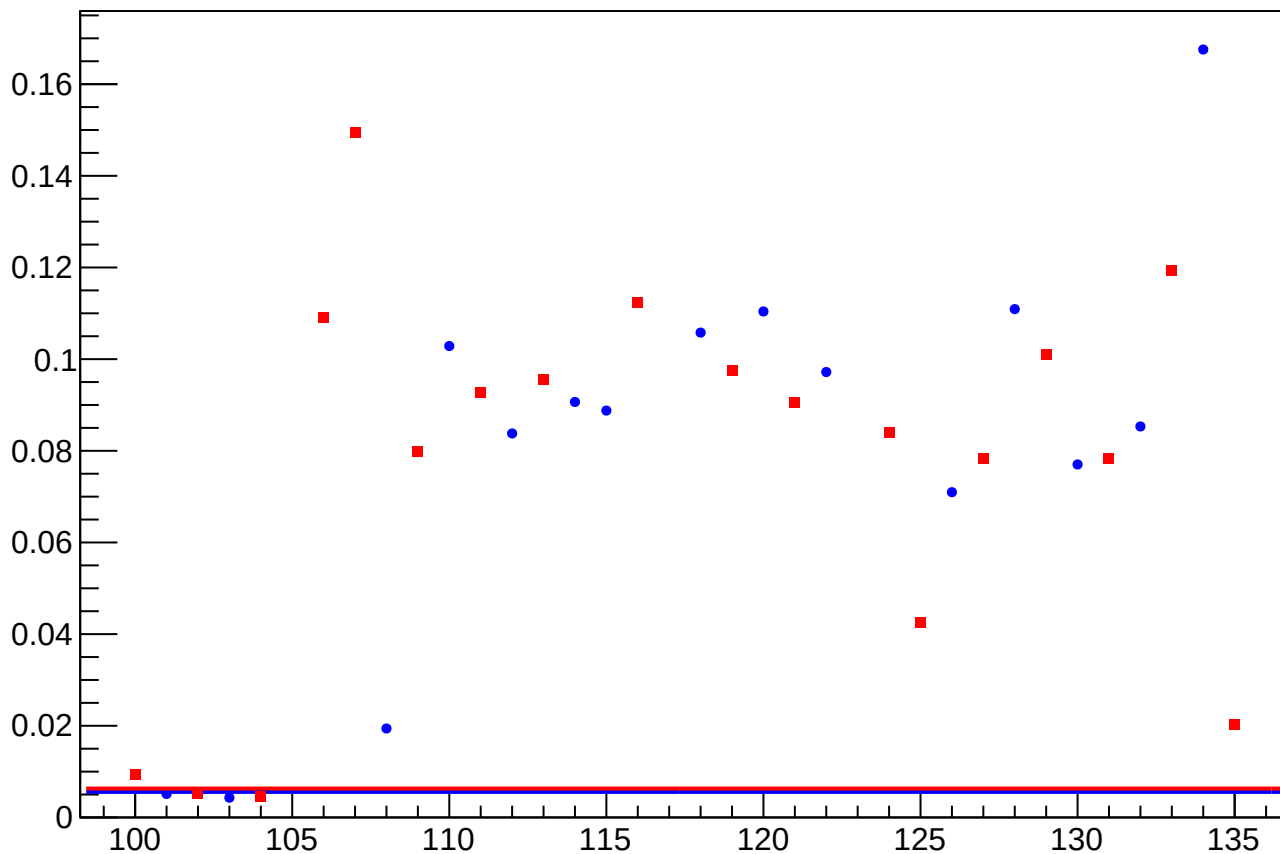
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.960+/-0.000 χ^2/NDF : 19966020247.7

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03X_rms vs Slug



Right In: 0.006 $\pm$ 0.000 χ^2 /NDF: 7684731.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.000 χ^2 /NDF: 8439323.6/17

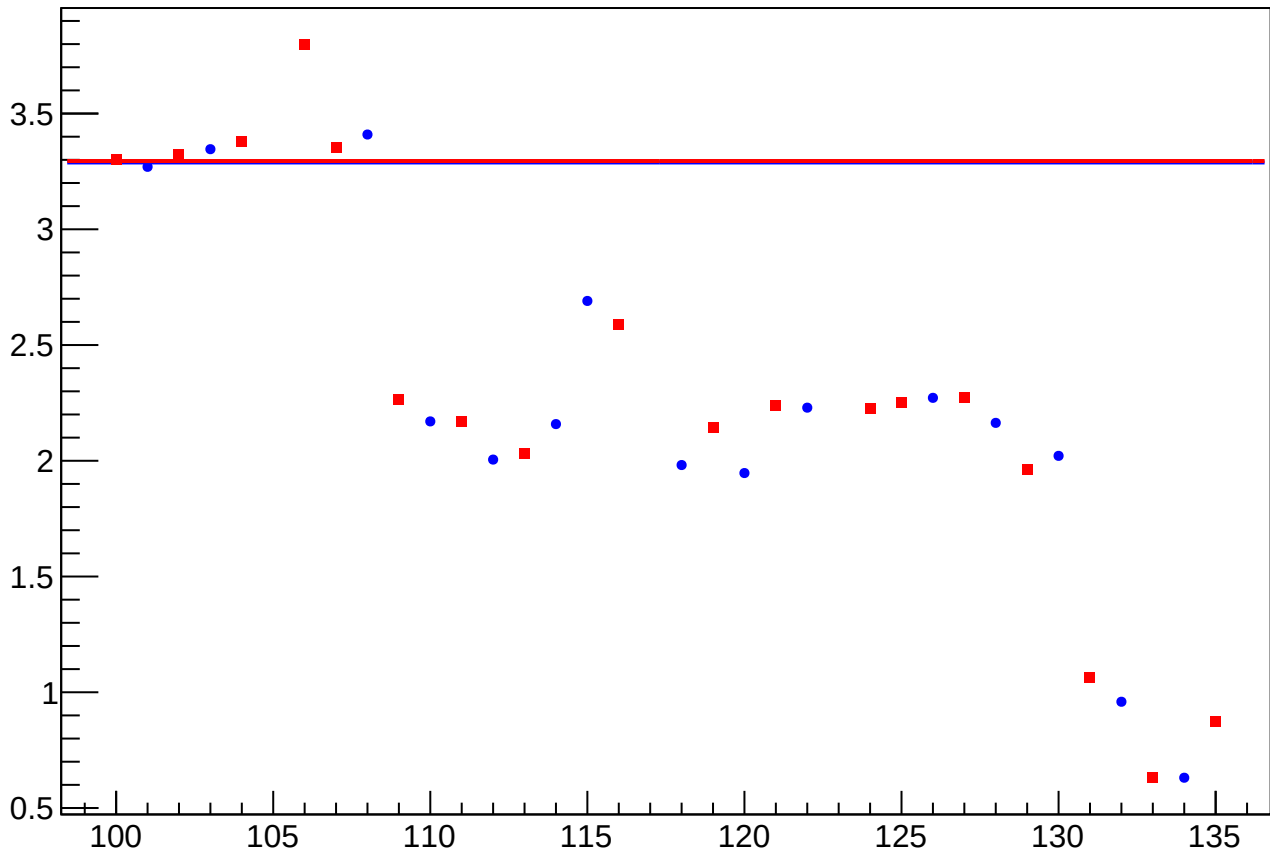
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.006 $\pm$ 0.000 χ^2 /NDF: 16149030.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l03Y_mean vs Slug



Right In: 3.289+/-0.000 χ^2/NDF : 1003284732.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.295+/-0.000 χ^2/NDF : 3157003177.8/17

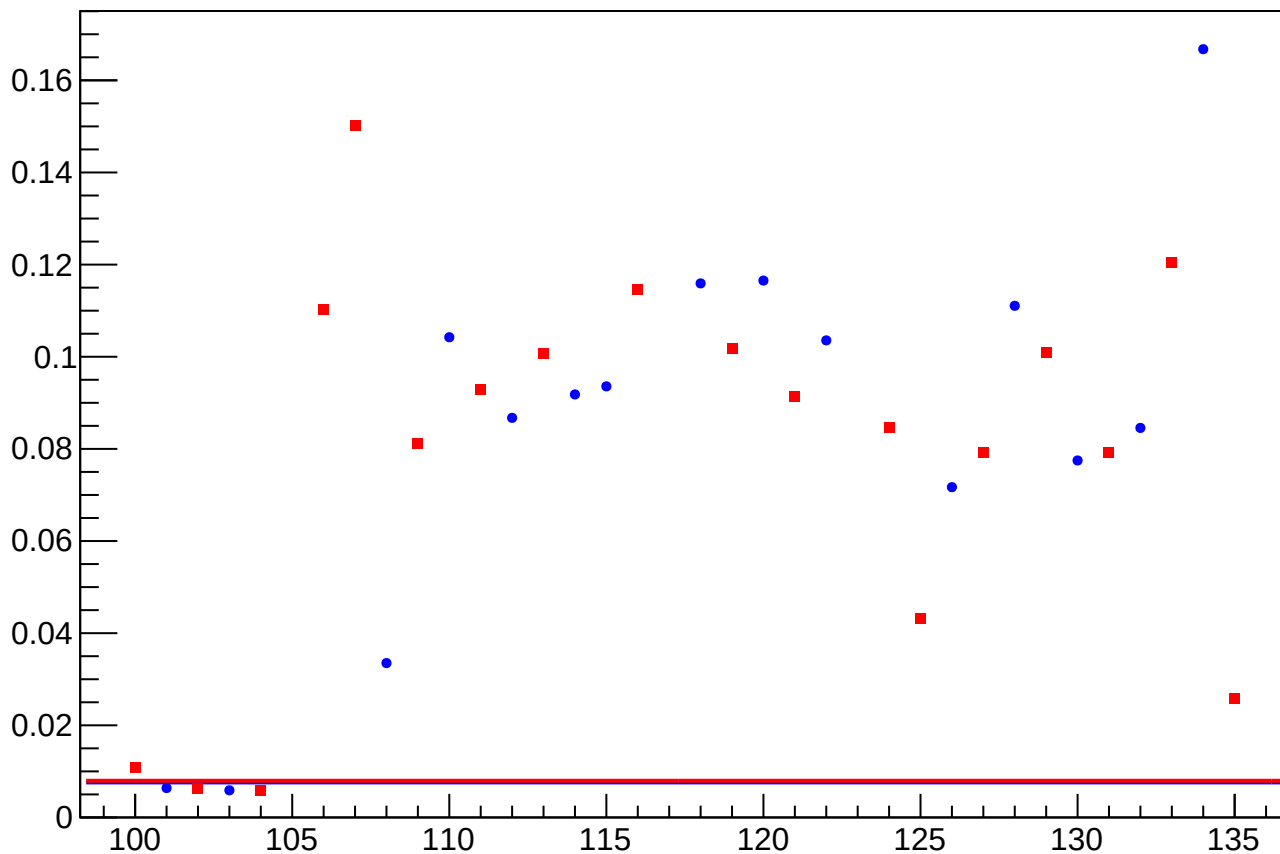
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.292+/-0.000 χ^2/NDF : 4160866371.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l03Y_rms vs Slug



Right In: 0.008+/-0.000 χ^2/NDF : 7527301.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.008+/-0.000 χ^2/NDF : 8233117.7/17

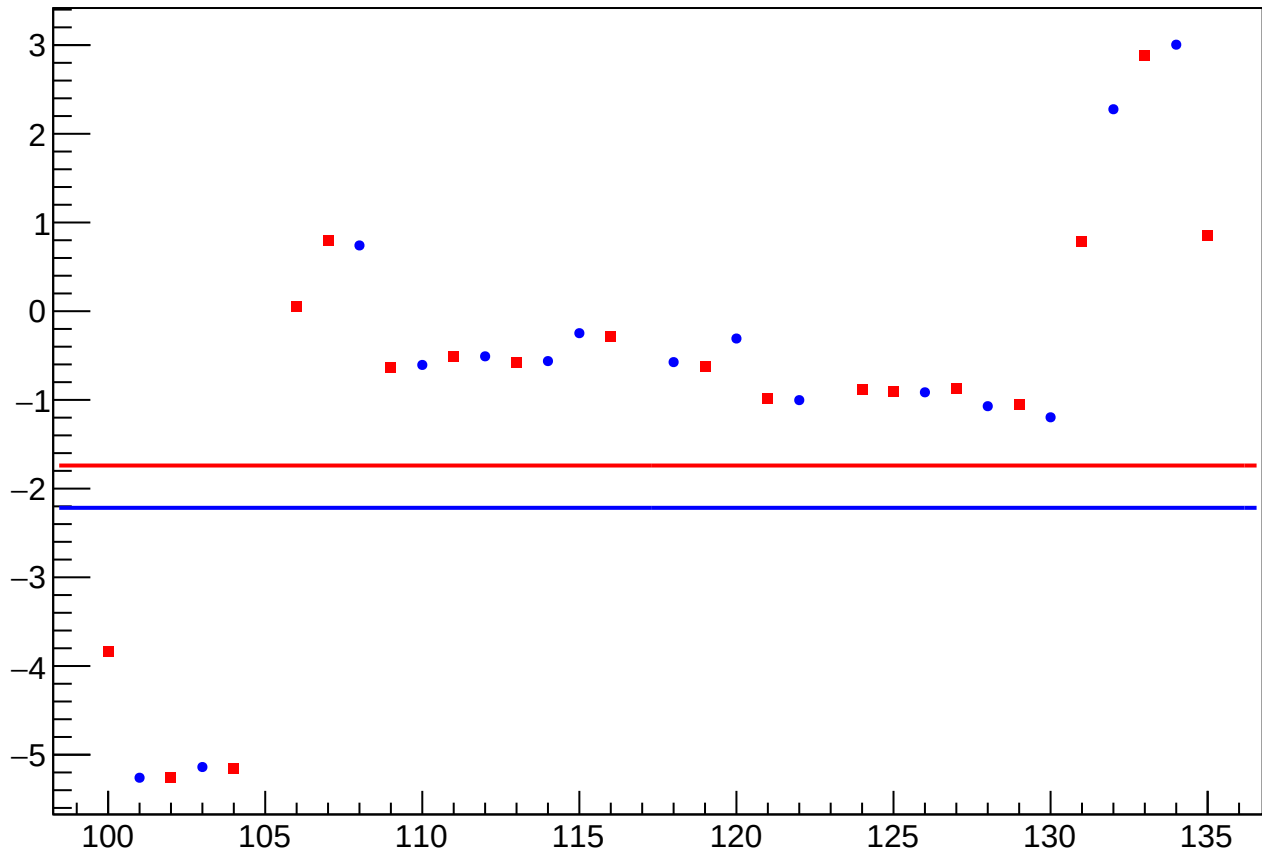
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.008+/-0.000 χ^2/NDF : 15764348.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_mean vs Slug



Right In: -2.217+/-0.000 χ^2/NDF : 147367579925.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

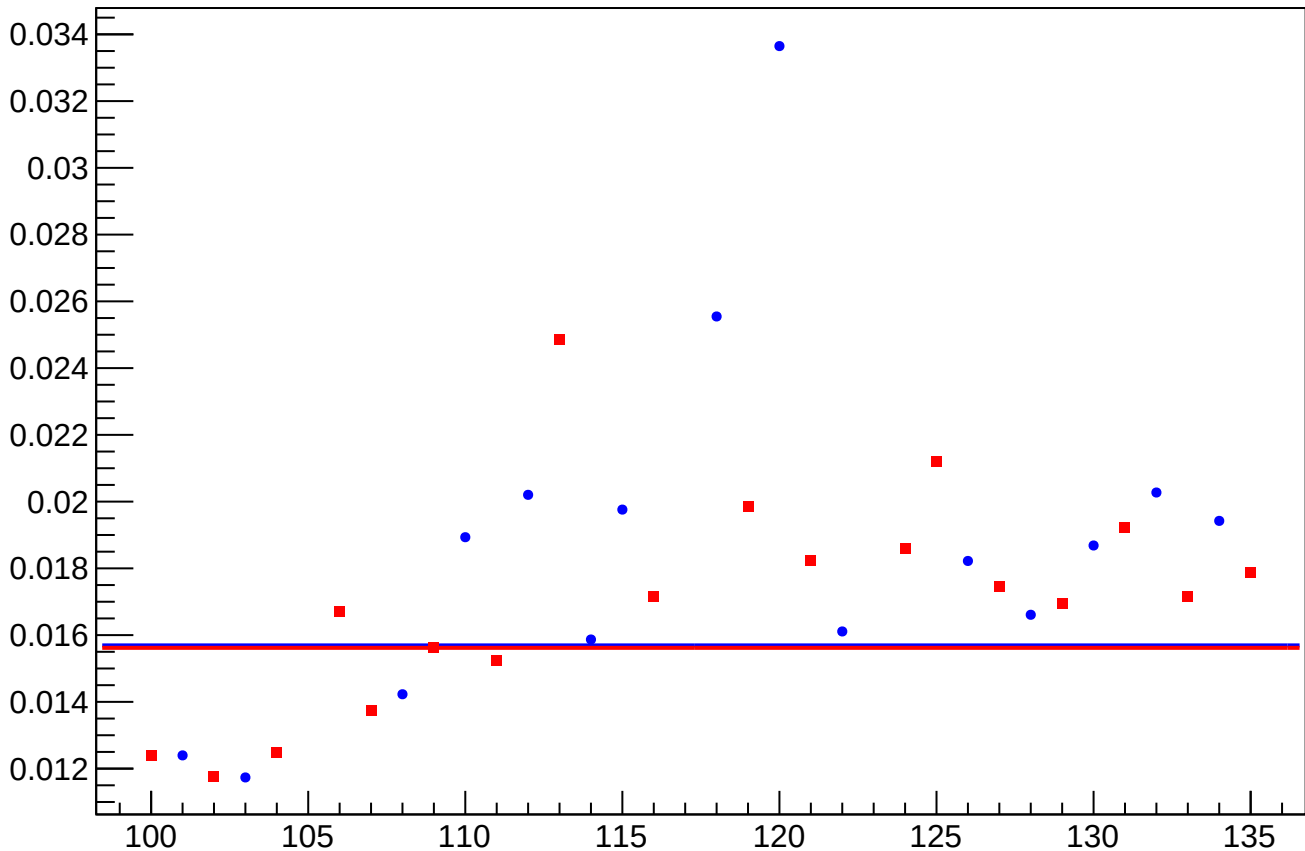
Right Out: -1.740+/-0.000 χ^2/NDF : 165800445909.7/17

All: -1.954+/-0.000 χ^2/NDF : 315765340389.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04X_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 679689.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 482932.1/17

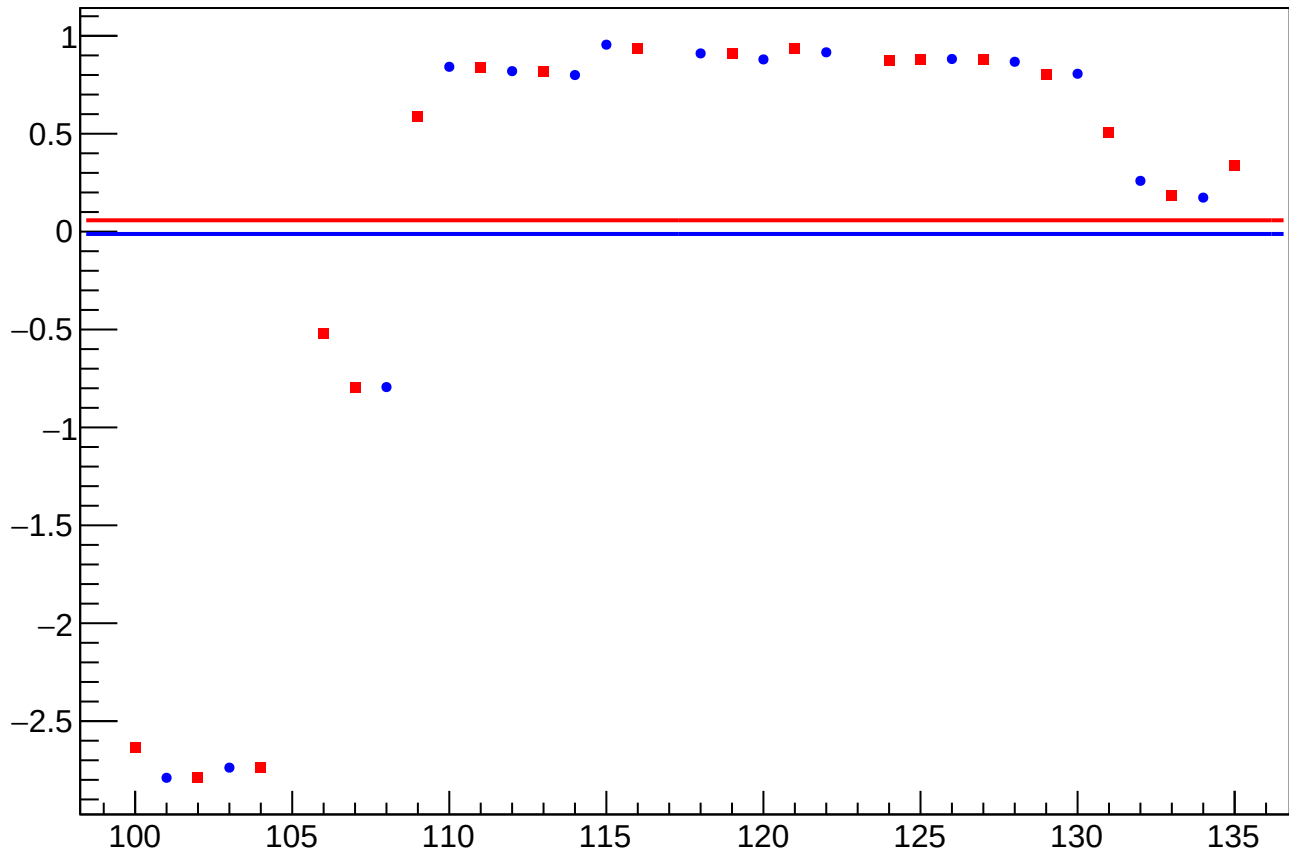
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1162744.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_mean vs Slug



Right In: -0.012+/-0.000 χ^2/NDF : 845058153088.2/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

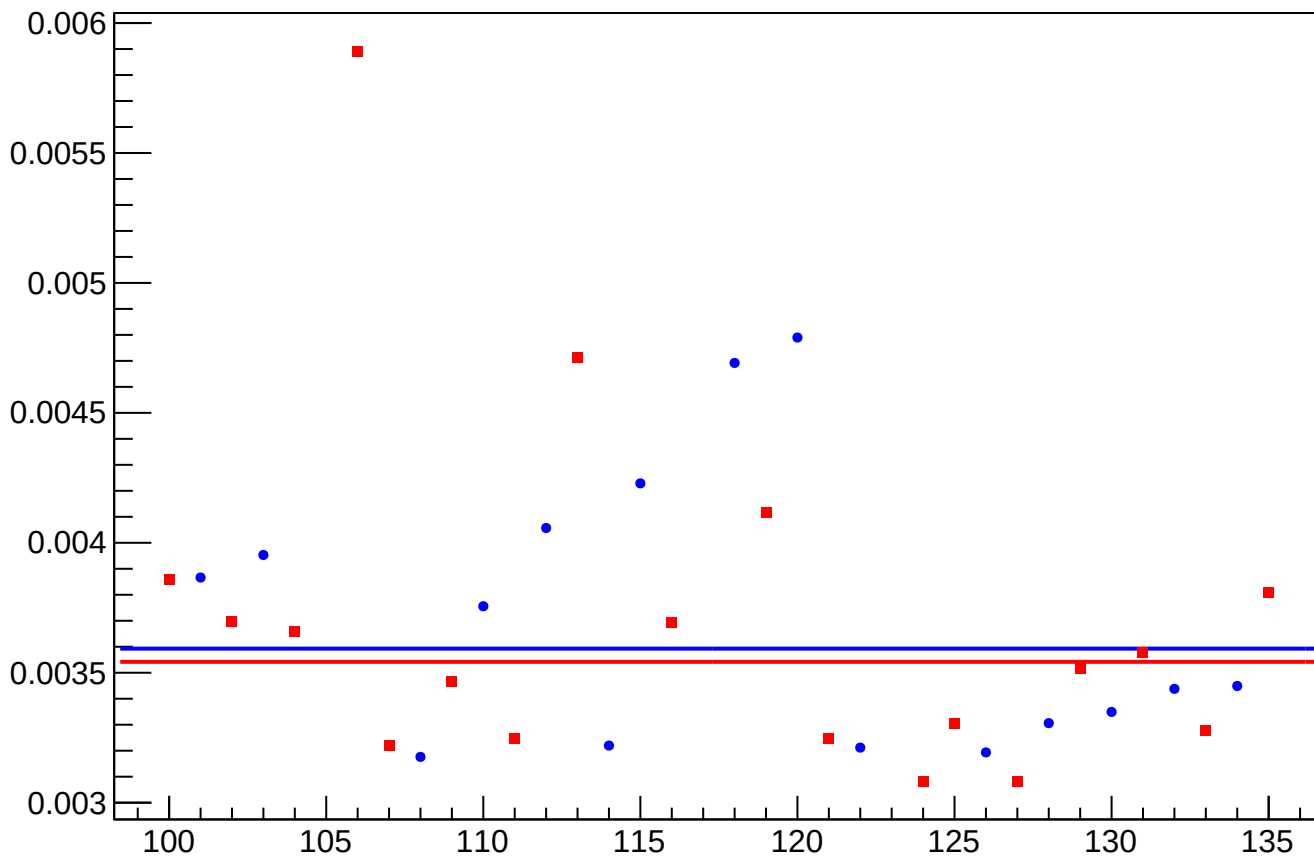
Right Out: 0.058+/-0.000 χ^2/NDF : 934352212743.4/17

All: 0.026+/-0.000 χ^2/NDF : 1780623088435

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l04Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 180408.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 224643.7/17

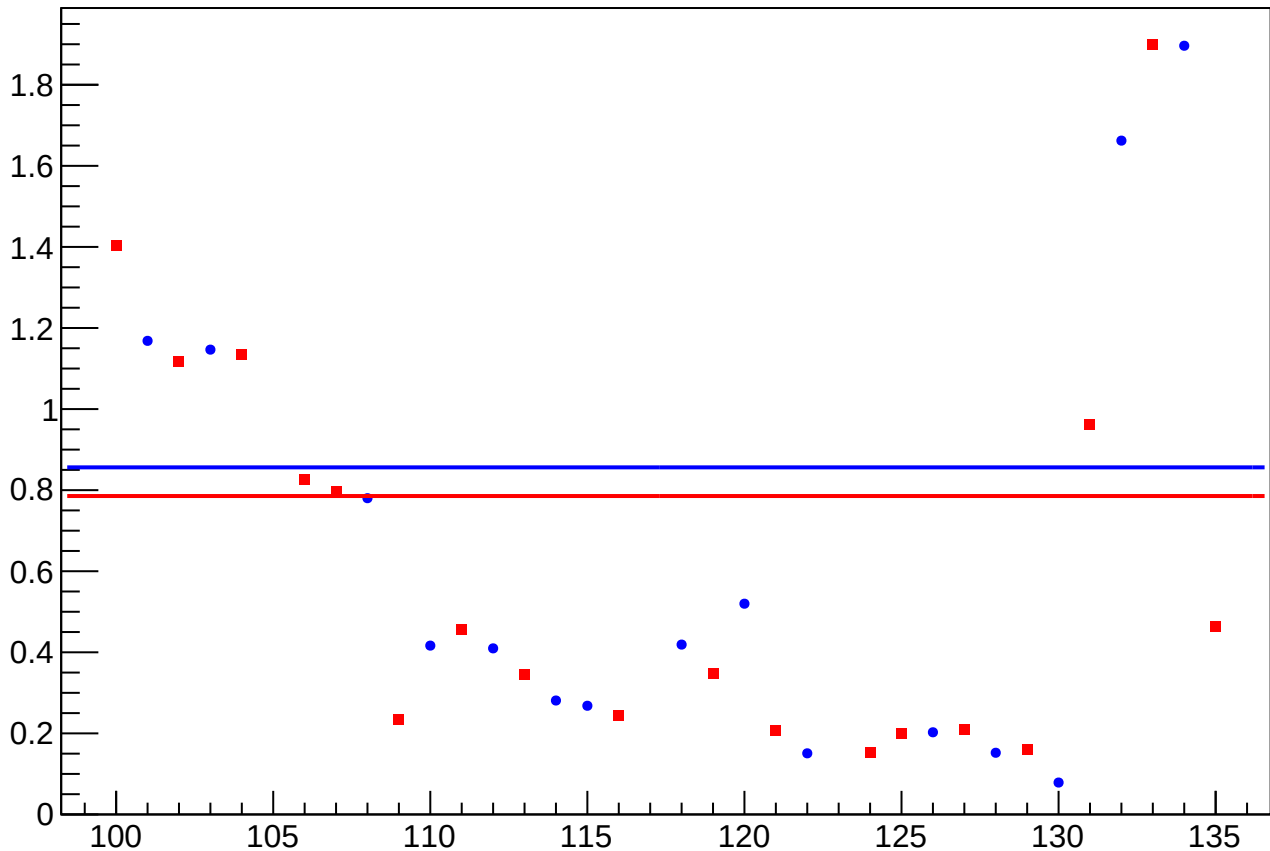
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 406332.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_mean vs Slug



Right In: 0.856+/-0.000 χ^2/NDF : 32337268618.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.786+/-0.000 χ^2/NDF : 34023457650.9/17

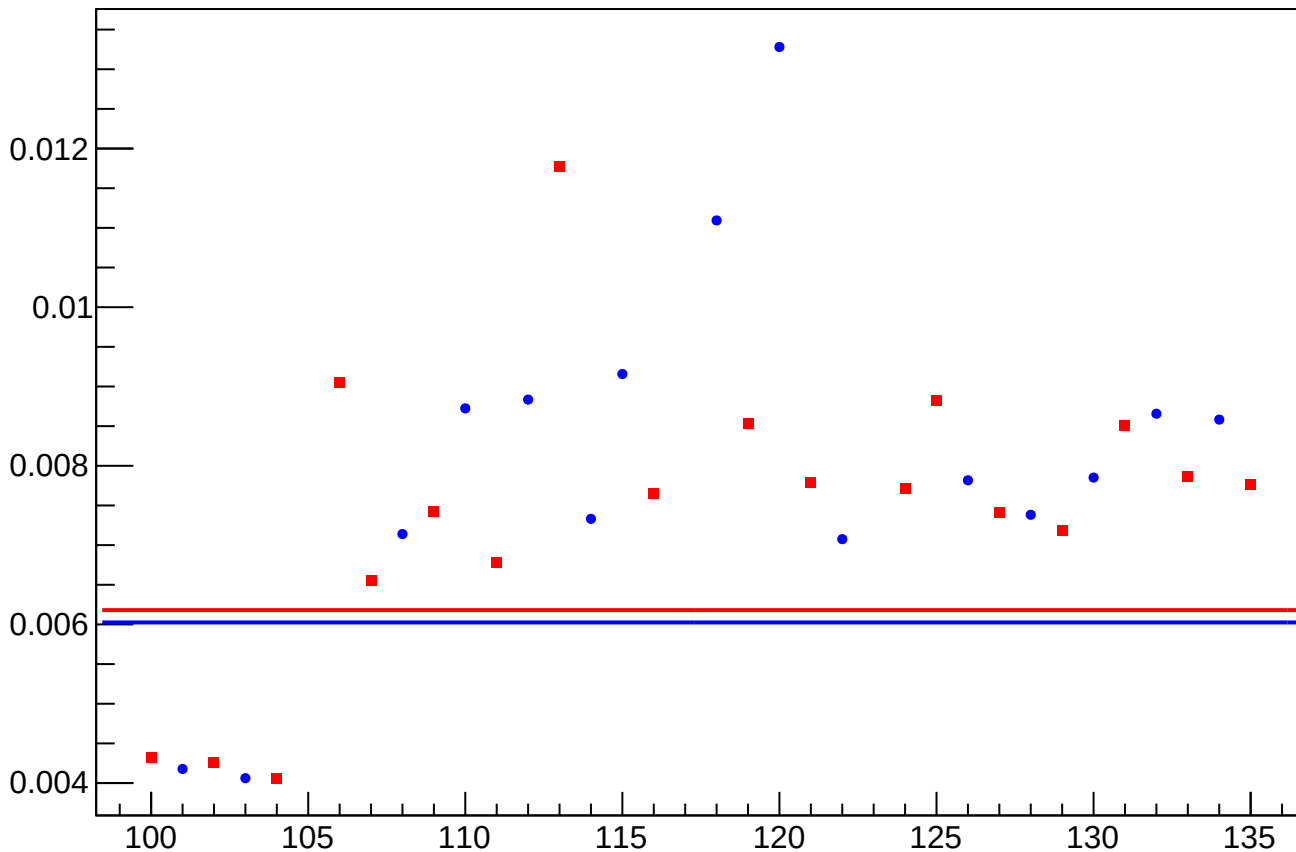
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.818+/-0.000 χ^2/NDF : 66717073746.3/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05X_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 1309322.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1135933.0/17

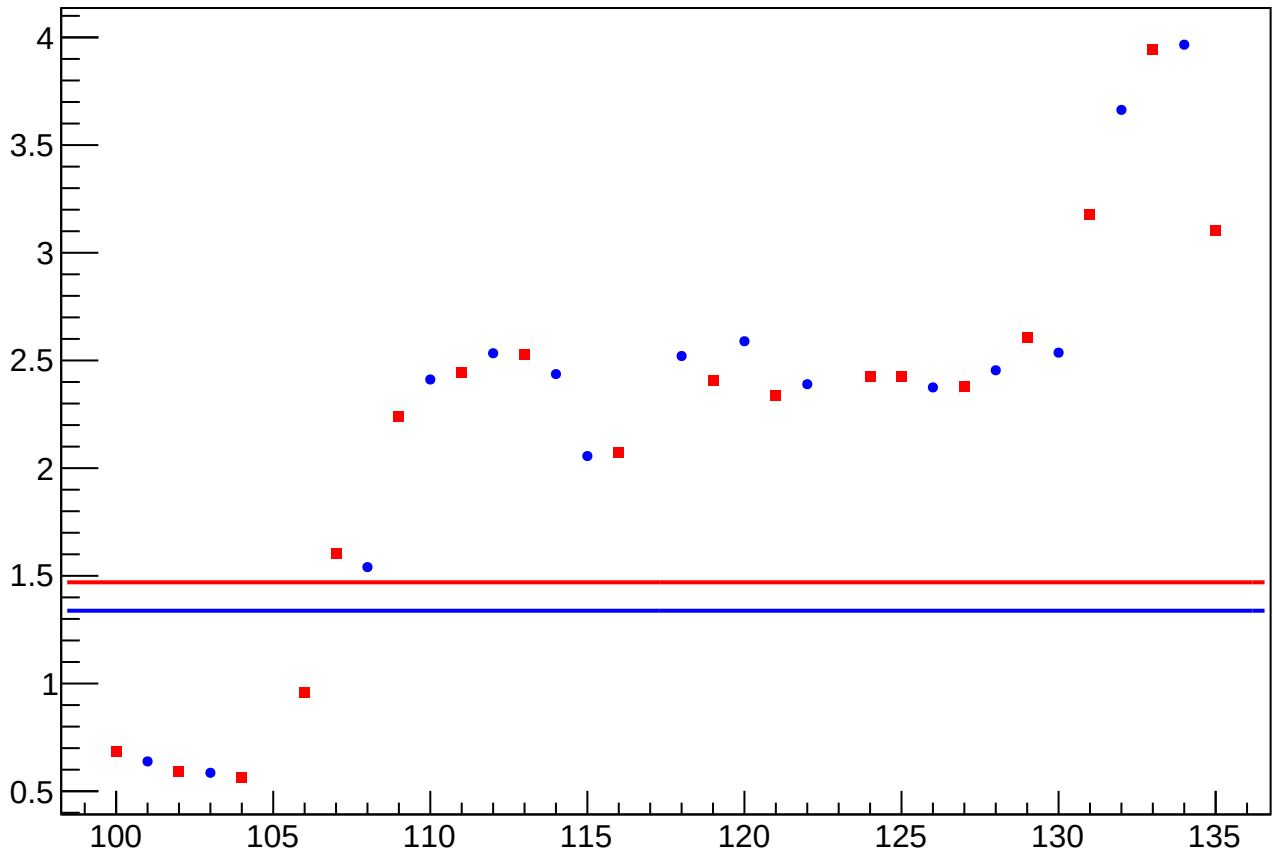
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 2448695.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_mean vs Slug



Right In: 1.338+/-0.000 χ^2/NDF : 143566422715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.470+/-0.000 χ^2/NDF : 181884745735.9/17

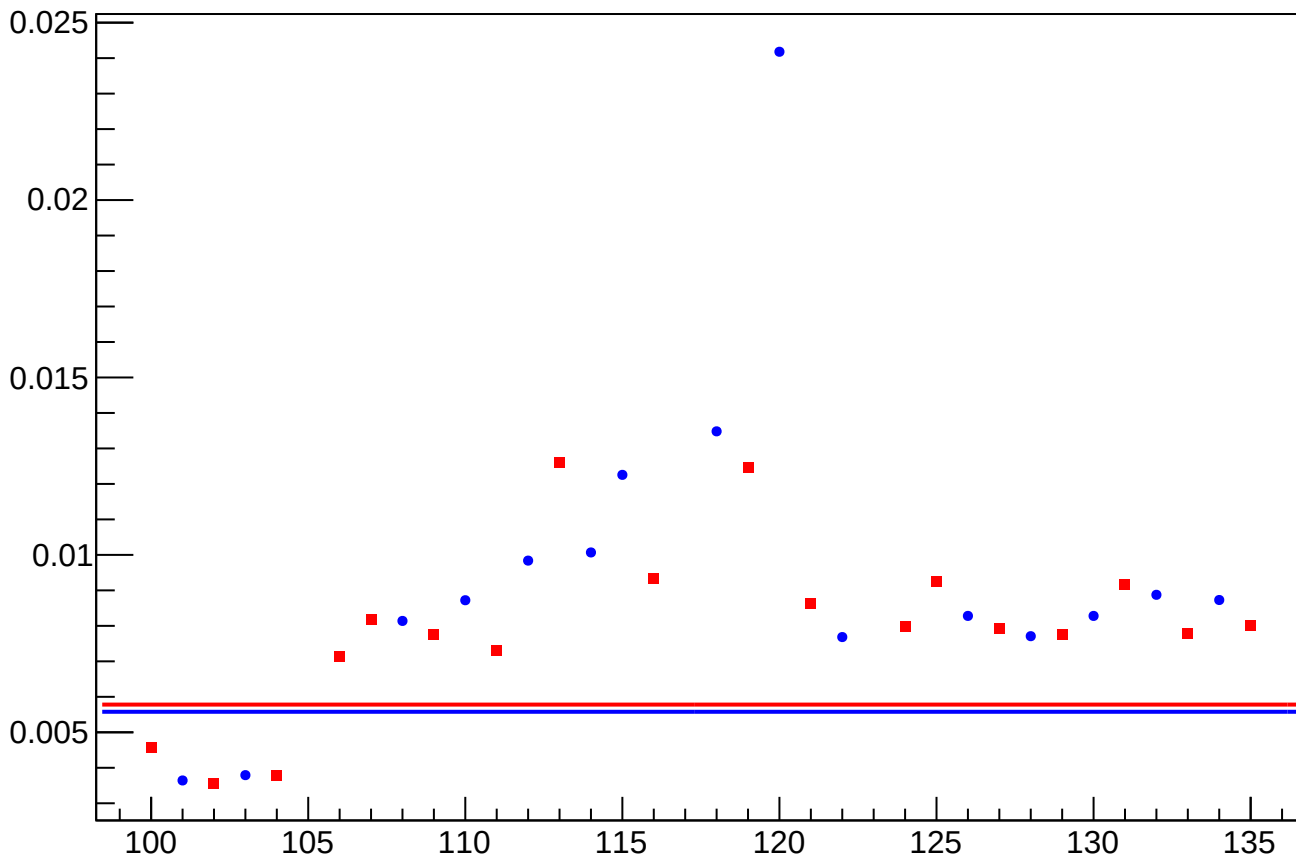
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.408+/-0.000 χ^2/NDF : 326744999543.0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l05Y_rms vs Slug



Right In: 0.006+/-0.000 χ^2/NDF : 2046946.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.000 χ^2/NDF : 1914747.5/17

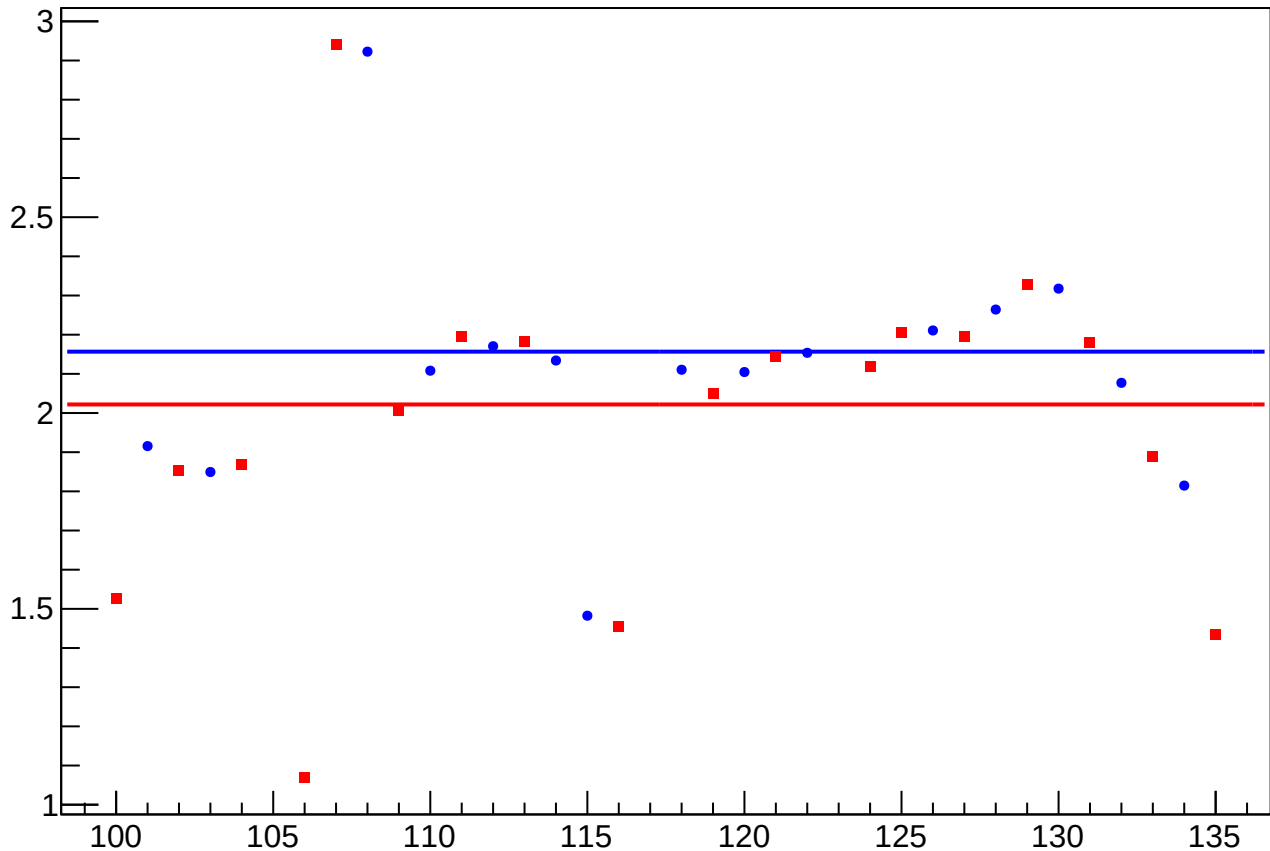
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 3967795.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_mean vs Slug



Right In: 2.157+/-0.000 χ^2/NDF : 10438082171.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.022+/-0.000 χ^2/NDF : 19217418598.9/17

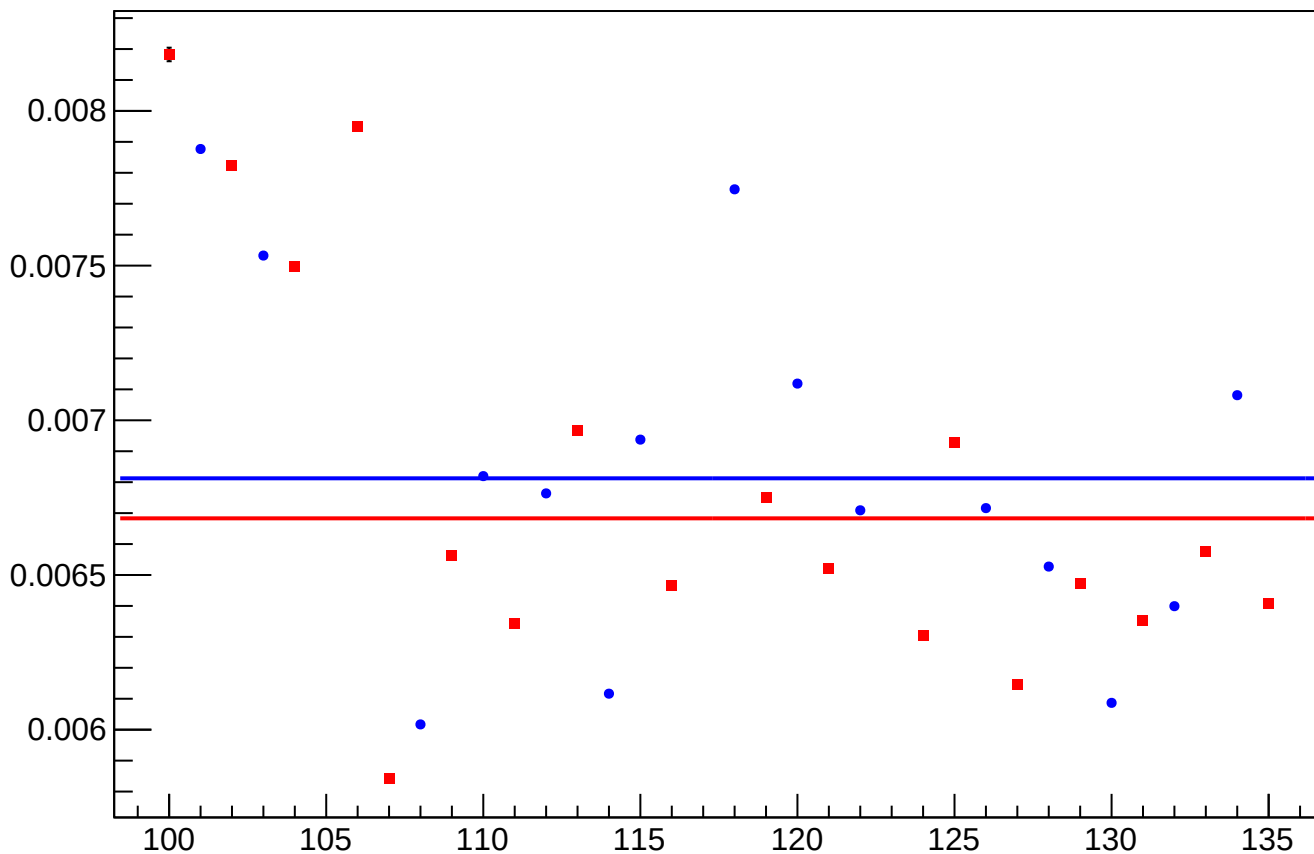
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.083+/-0.000 χ^2/NDF : 30937781018.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06X_rms vs Slug



Right In: 0.007 $\pm$ 0.000 χ^2 /NDF: 86760.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.007 $\pm$ 0.000 χ^2 /NDF: 86547.2/17

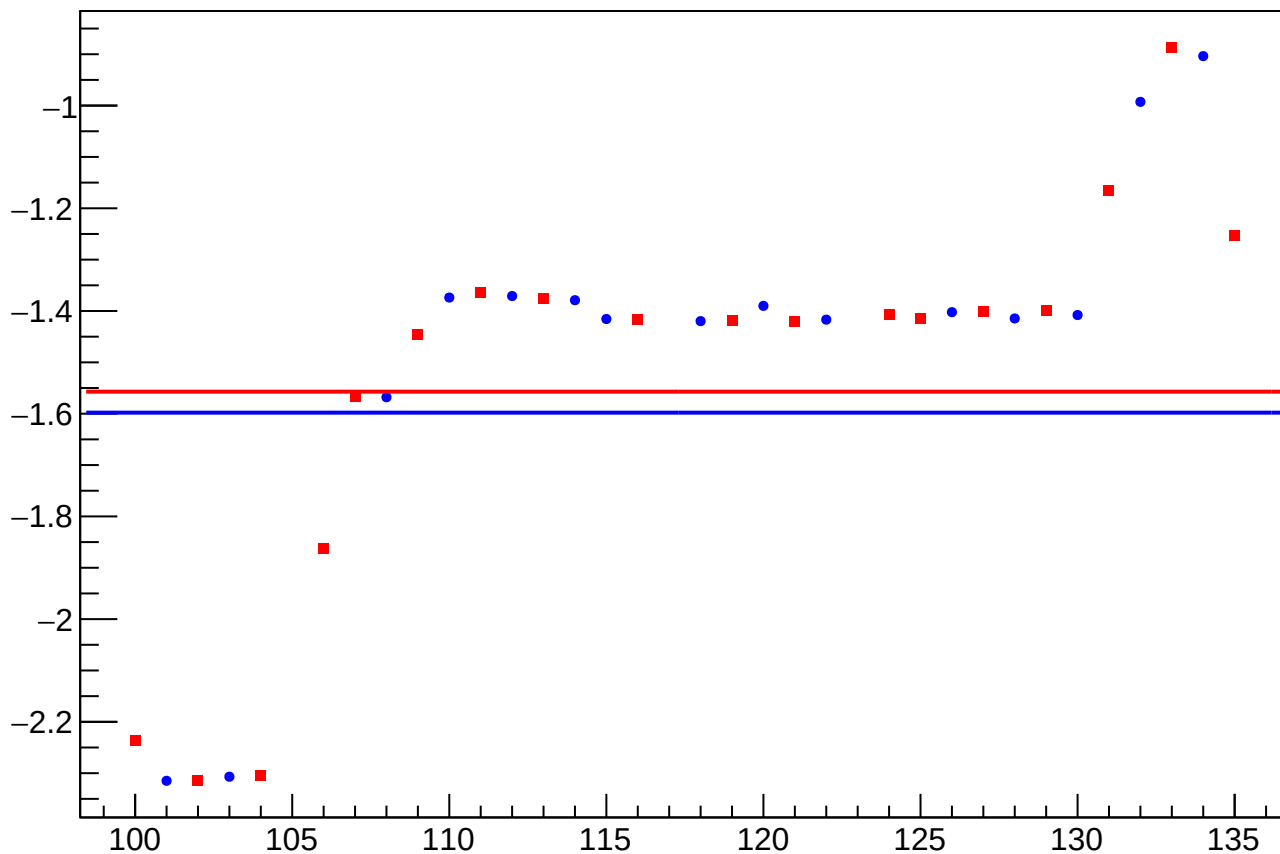
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.007 $\pm$ 0.000 χ^2 /NDF: 175670.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l06Y_mean vs Slug



Right In: -1.598+/-0.000 χ^2/NDF : 163387736201.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -1.557+/-0.000 χ^2/NDF : 172188250528.6/17

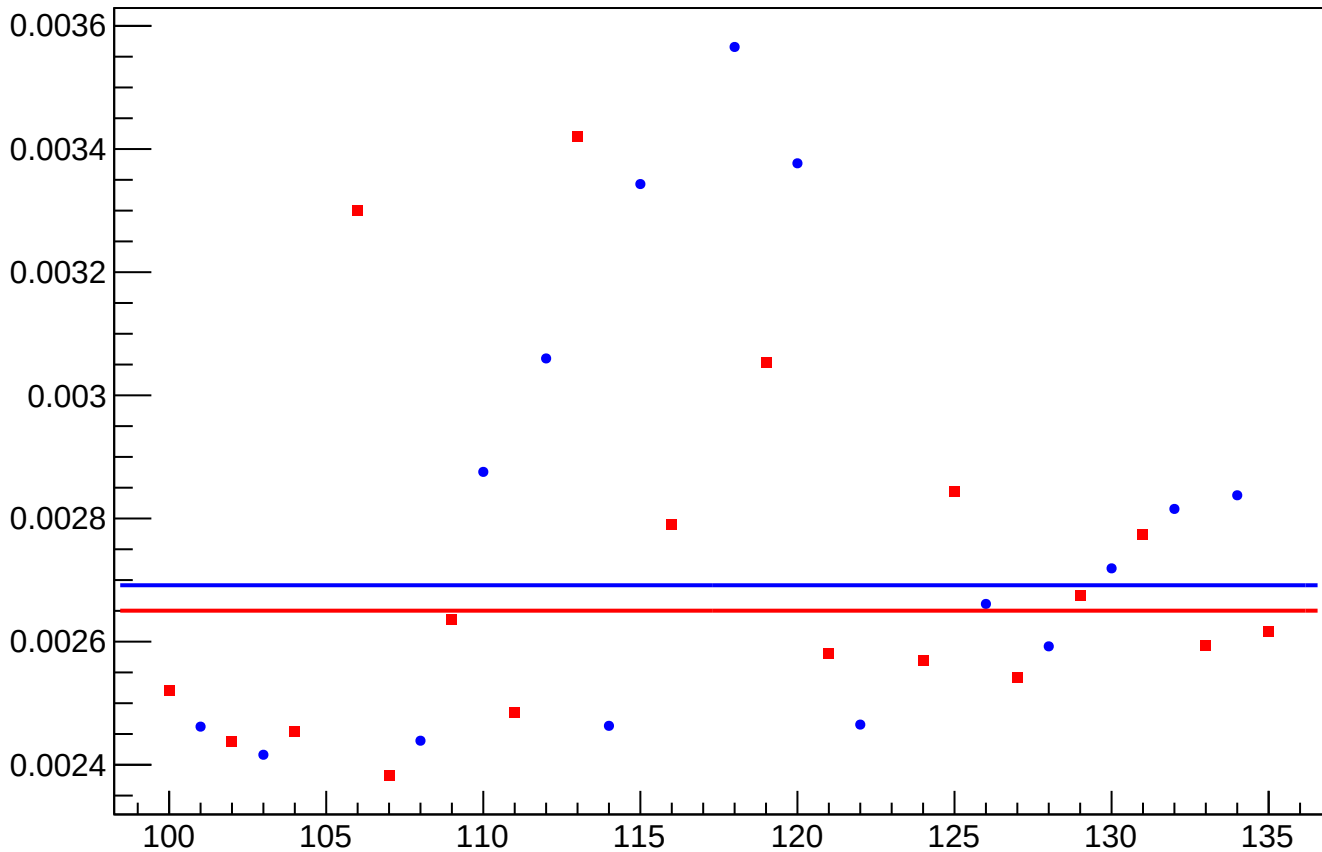
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.576+/-0.000 χ^2/NDF : 336313780907.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l06Y_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 155728.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 115715.3/17

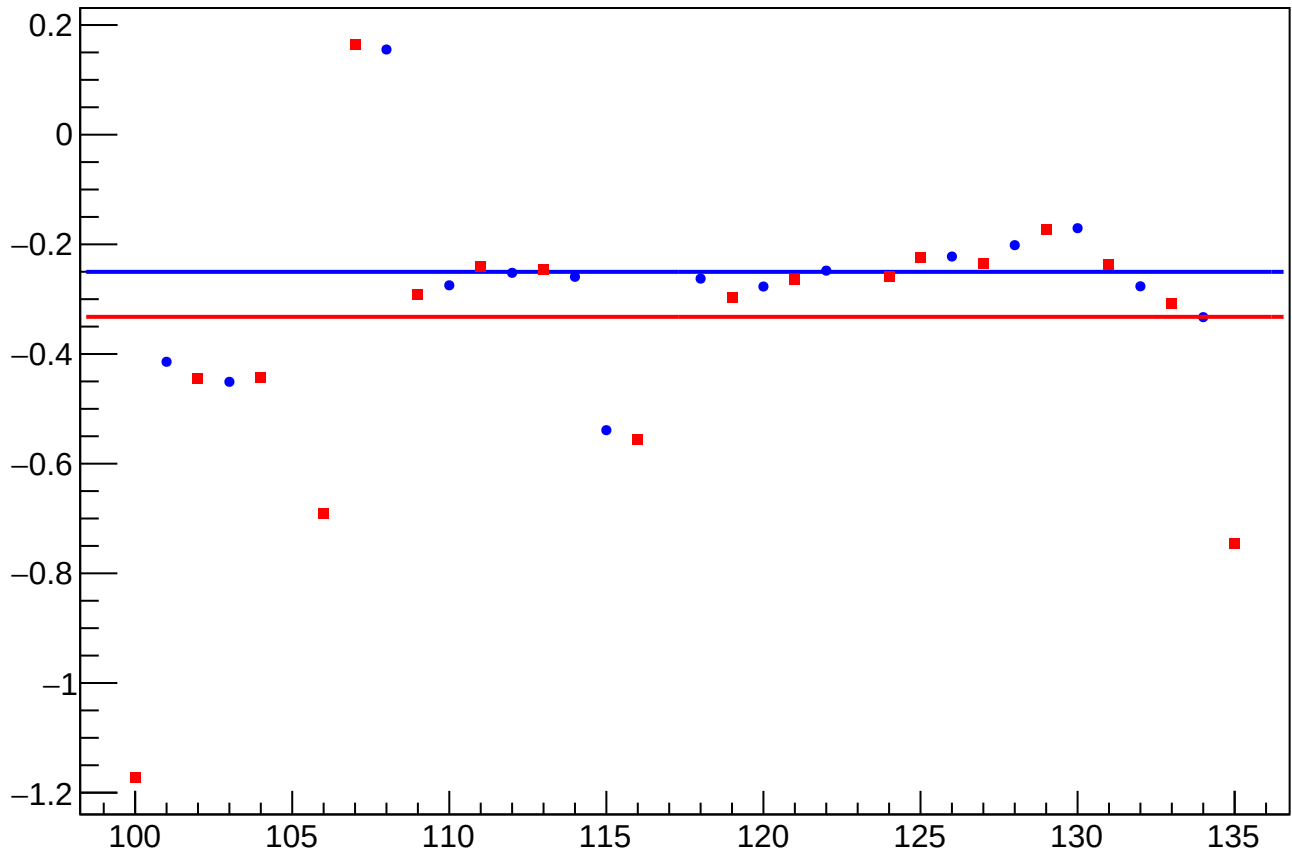
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 272949.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_mean vs Slug



Right In: -0.250+/-0.000 χ^2/NDF : 1011735282.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.332+/-0.000 χ^2/NDF : 2381589057.9/17

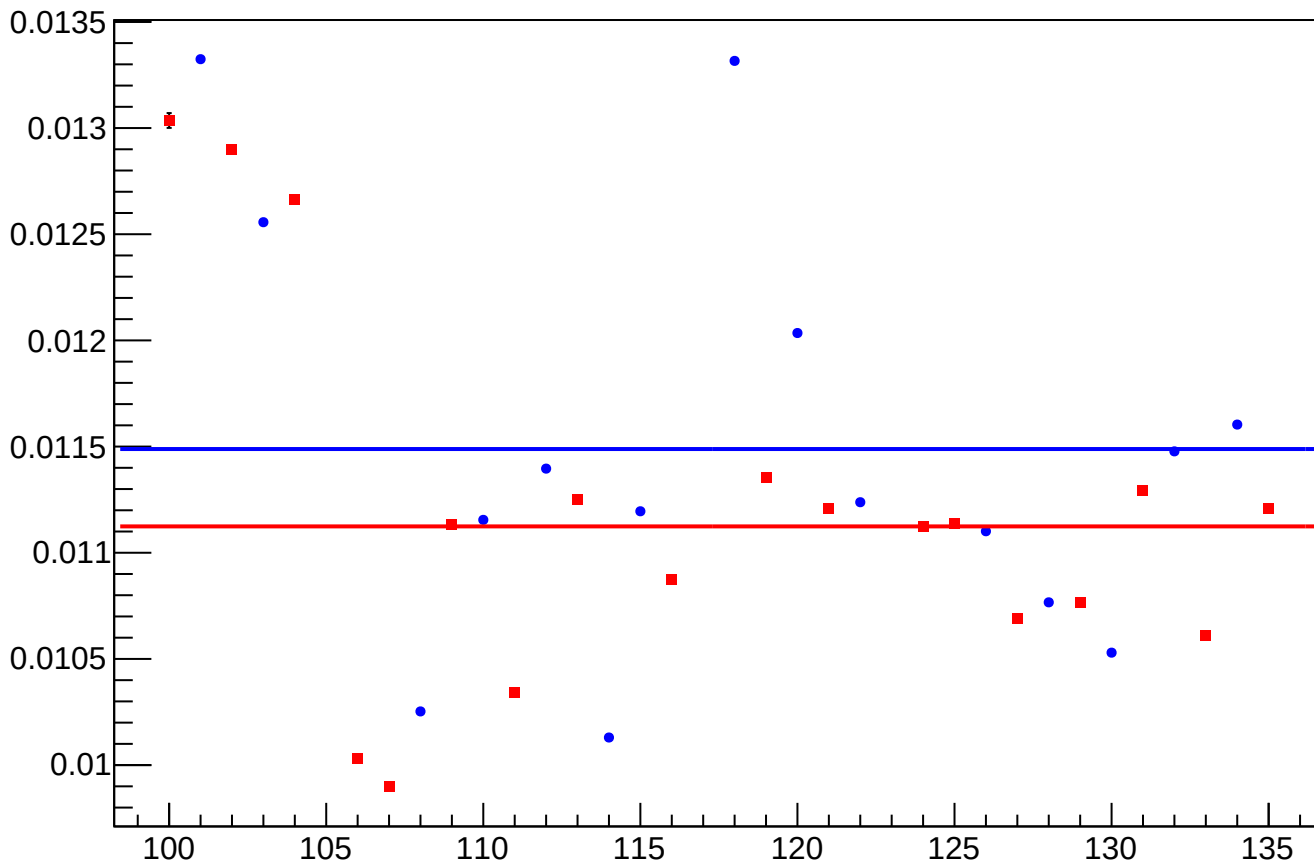
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.296+/-0.000 χ^2/NDF : 3565107464.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 83658.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 67039.8/17

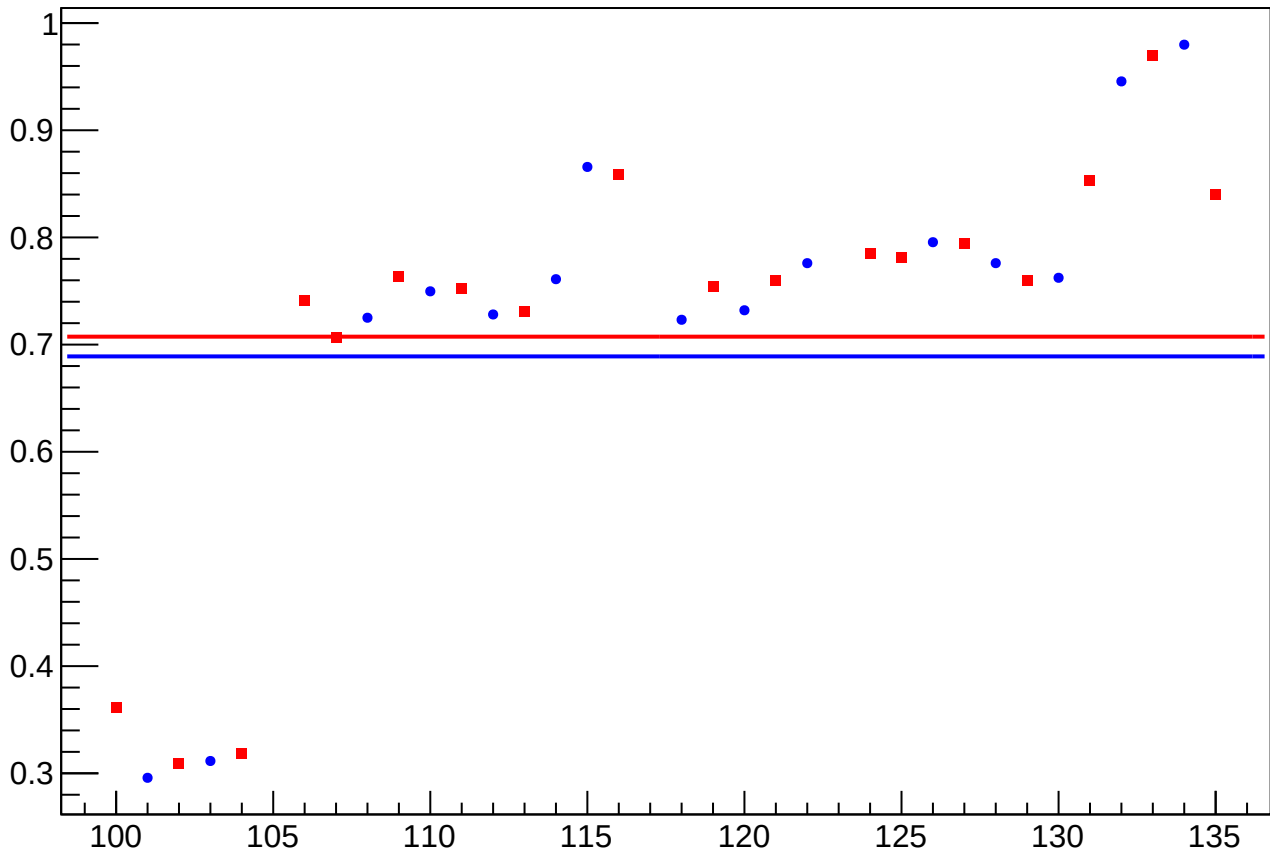
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 157473.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_mean vs Slug



Right In: 0.689+/-0.000 χ^2/NDF : 46043109530.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.707+/-0.000 χ^2/NDF : 43586899371.0/17

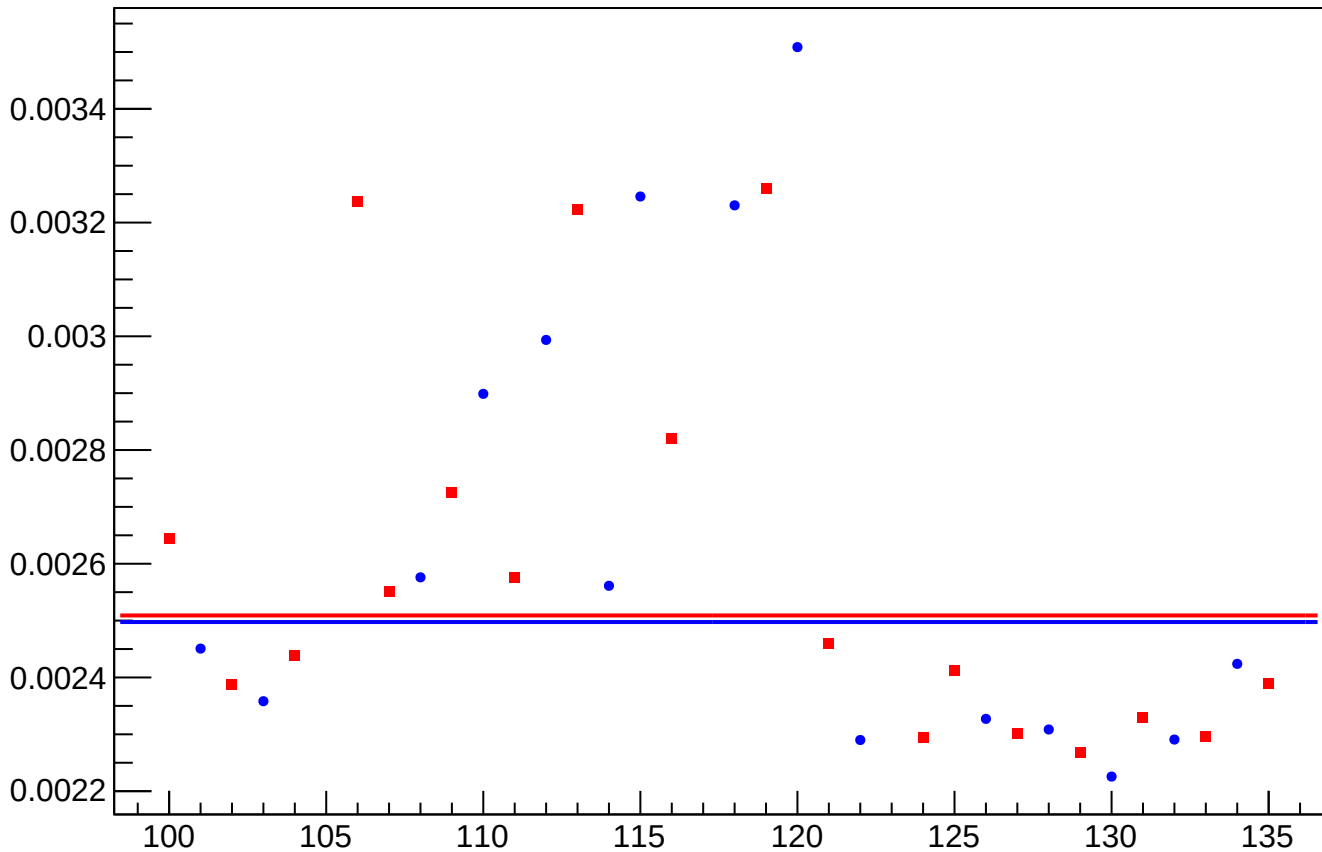
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.699+/-0.000 χ^2/NDF : 89802501907.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l07Y_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 200122.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 173612.0/17

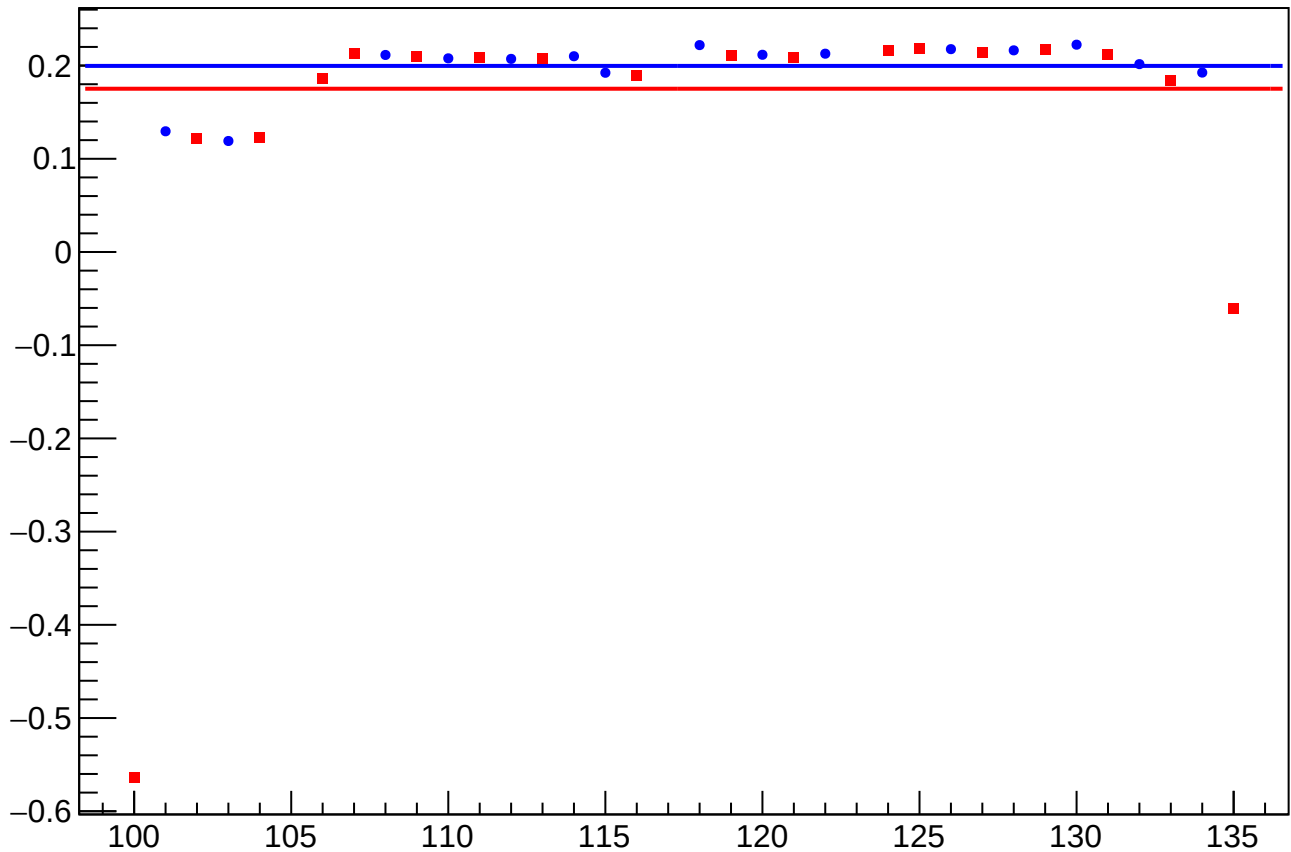
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 373870.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08X_mean vs Slug



Right In: 0.200 $\pm$ 0.000 χ^2 /NDF: 58968394.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

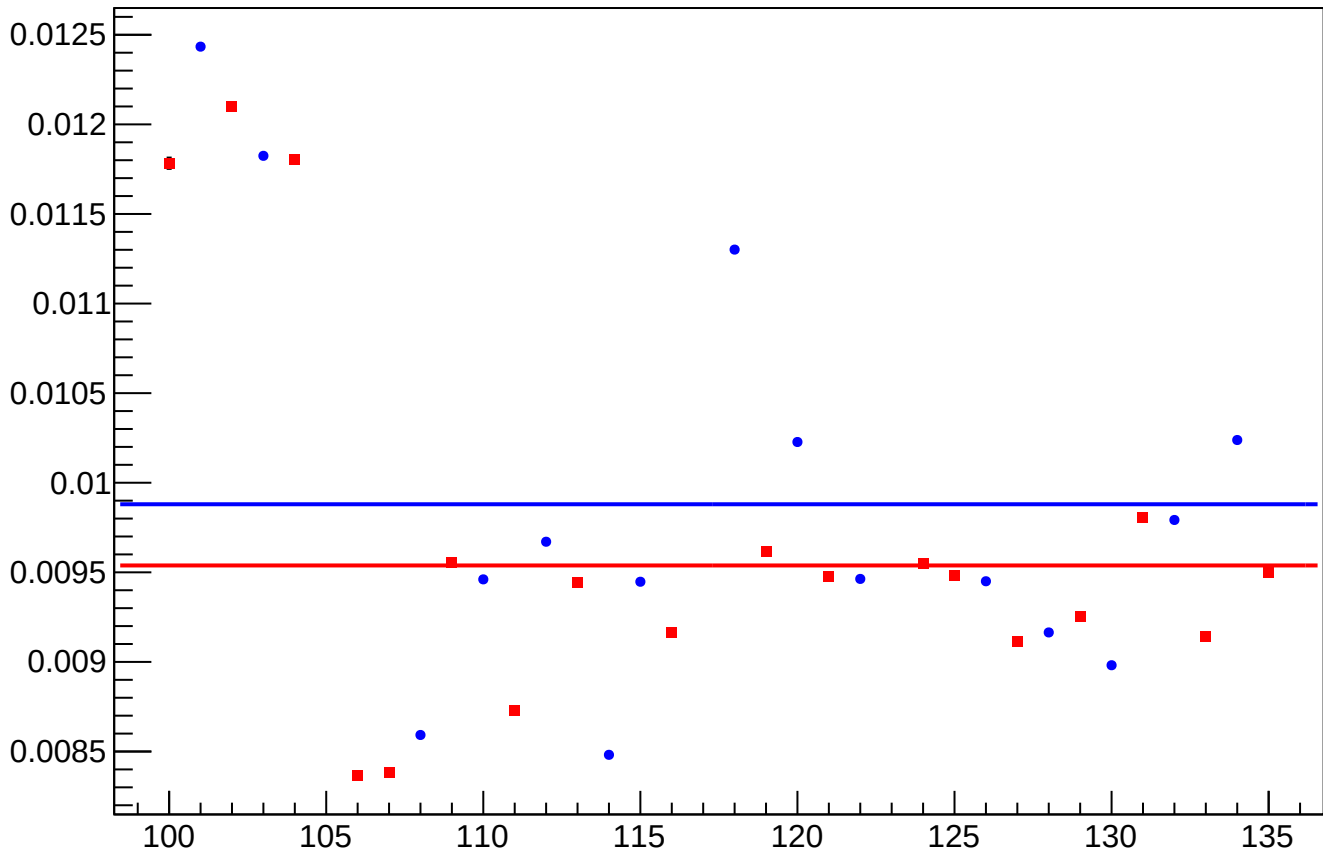
Right Out: 0.175 $\pm$ 0.000 χ^2 /NDF: 653064470.5/17

All: 0.186 $\pm$ 0.000 χ^2 /NDF: 732618968.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l08X_rms vs Slug



Right In: 0.010+/-0.000 χ^2/NDF : 148526.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.010+/-0.000 χ^2/NDF : 133262.8/17

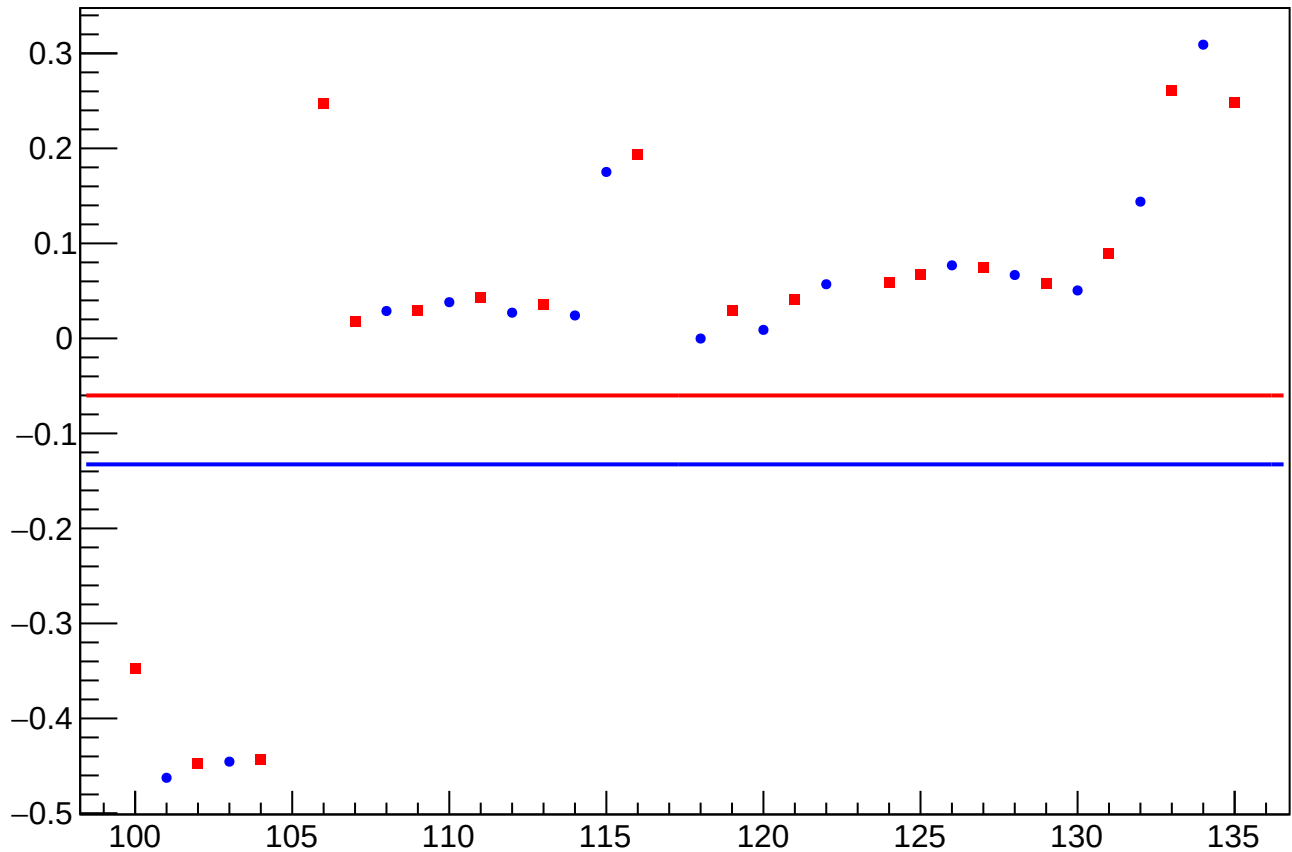
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.000 χ^2/NDF : 289796.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_mean vs Slug



Right In: -0.133+/-0.000 χ^2/NDF : 16722536164.3/14

Left Out: 0.000+/-0.000 χ^2/NDF :0.0/0

Right Out: -0.060+/-0.000 χ^2/NDF : 20716435711.8/17

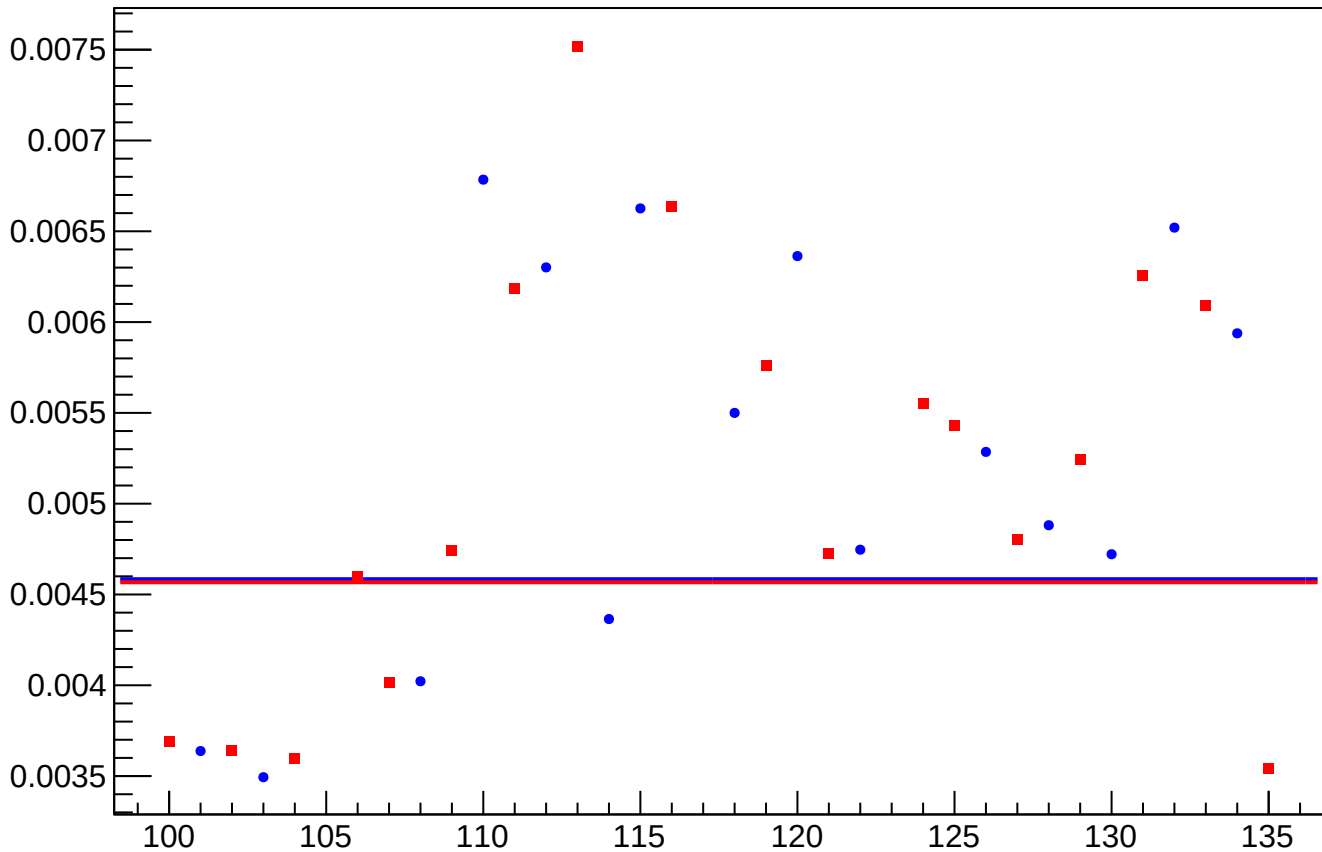
Left In: 0.000+/-0.000 χ^2/NDF :0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.093+/-0.000 χ^2/NDF : 38159871186.6/18

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l08Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 548861.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 662535.8/17

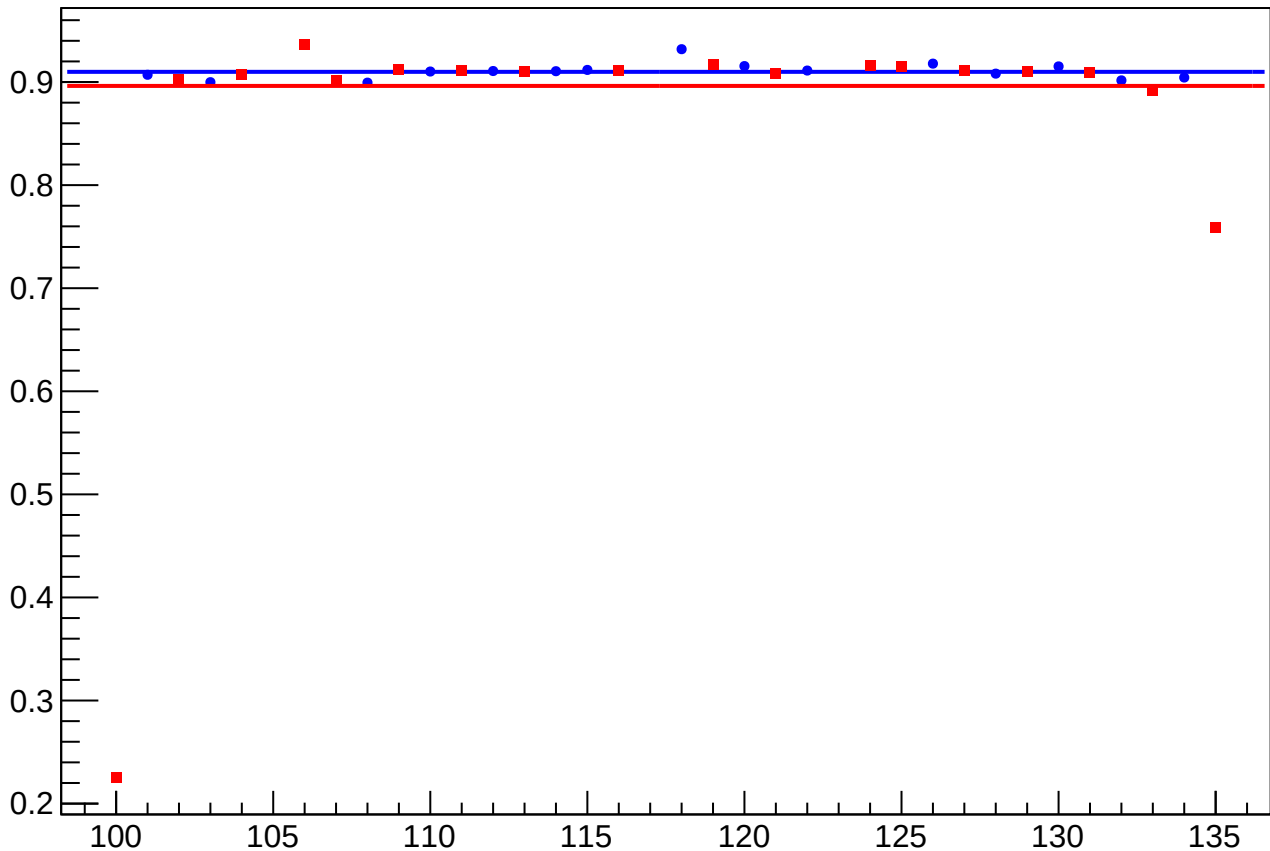
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1211473.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09X_mean vs Slug



Right In: 0.910 $\pm$ 0.000 χ^2 /NDF: 3113805.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

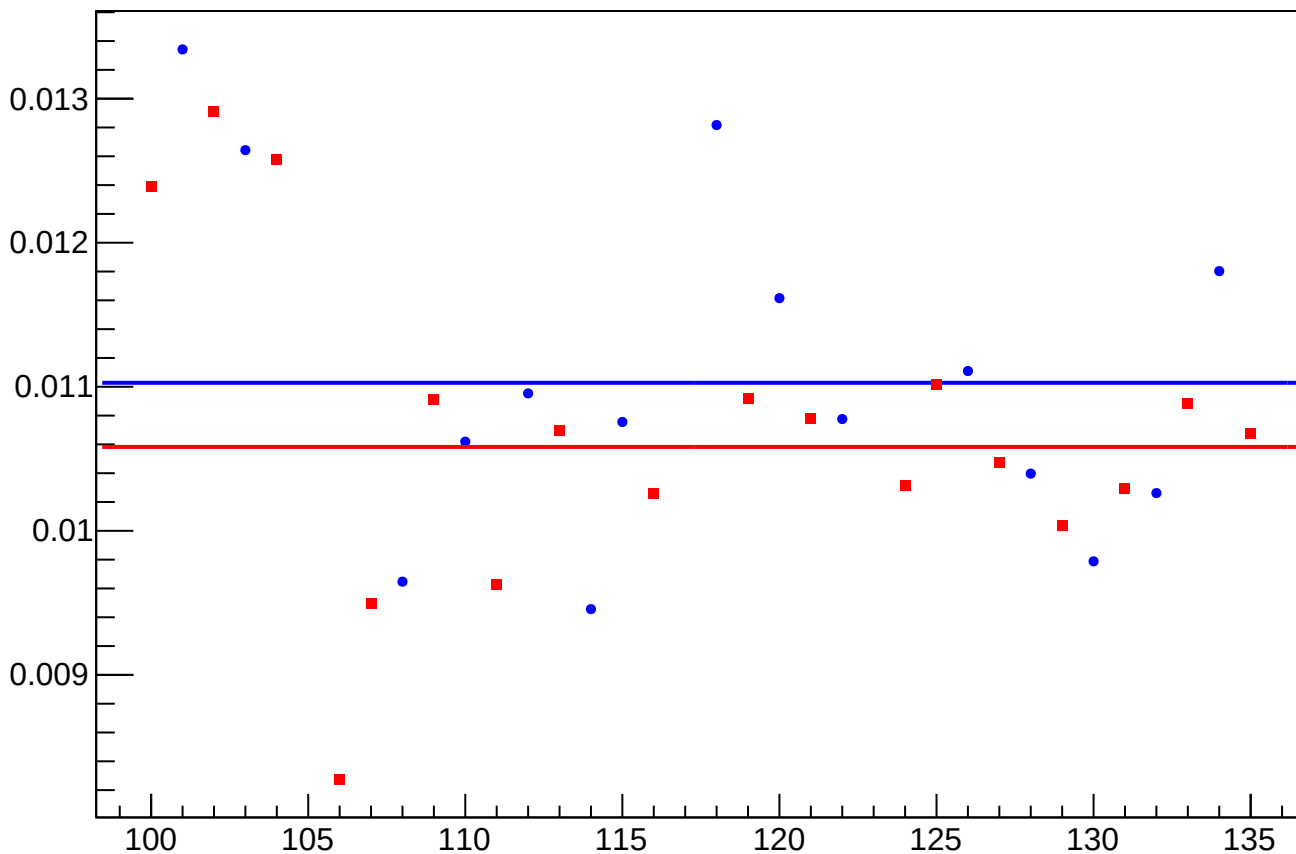
Right Out: 0.896 $\pm$ 0.000 χ^2 /NDF: 299955429.4/17

All: 0.902 $\pm$ 0.000 χ^2 /NDF: 308239843.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

yield_bpm0l09X_rms vs Slug



Right In: 0.011+/-0.000 χ^2/NDF : 130312.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.000 χ^2/NDF : 140461.0/17

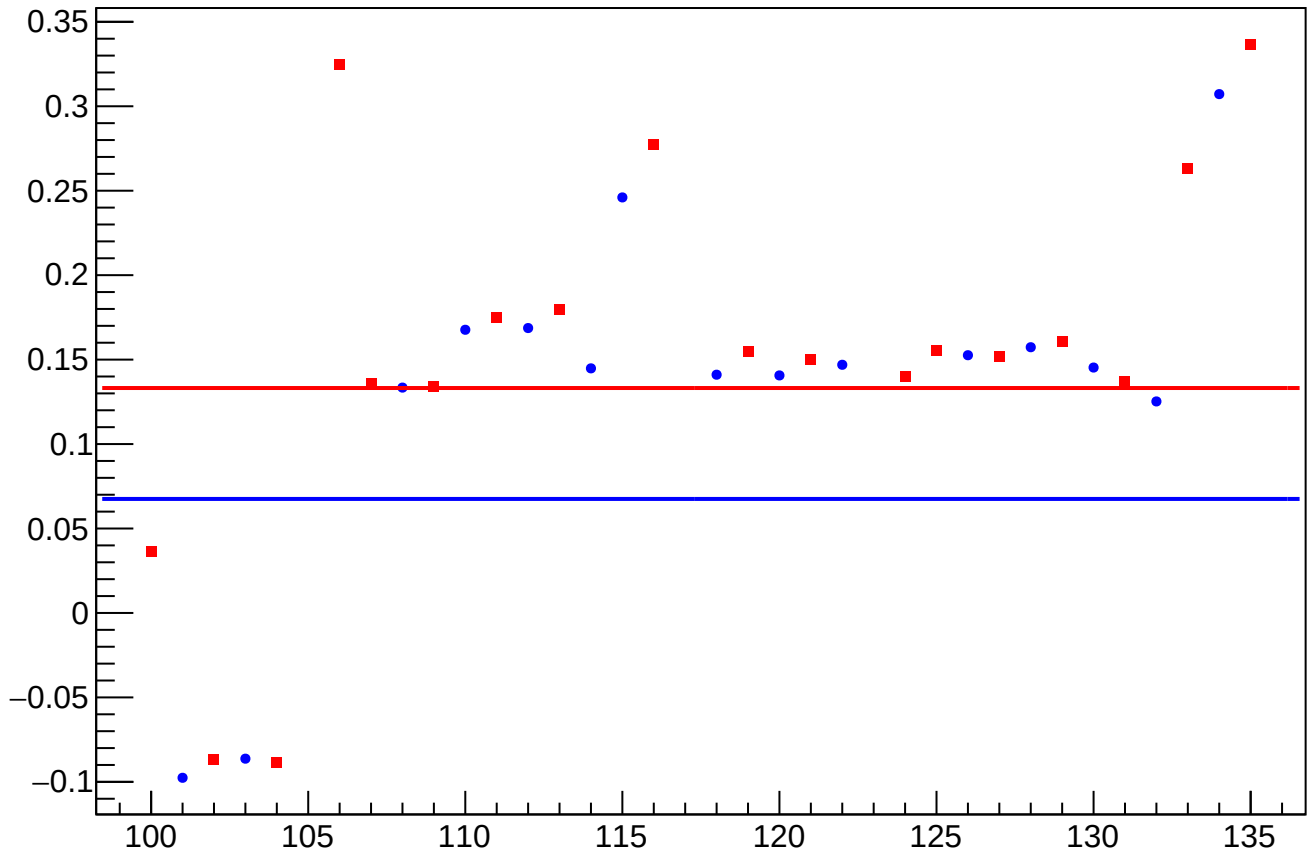
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.011+/-0.000 χ^2/NDF : 281769.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_mean vs Slug



Right In: 0.068+/-0.000 χ^2/NDF : 3316392091.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.133+/-0.000 χ^2/NDF : 6254589351.0/17

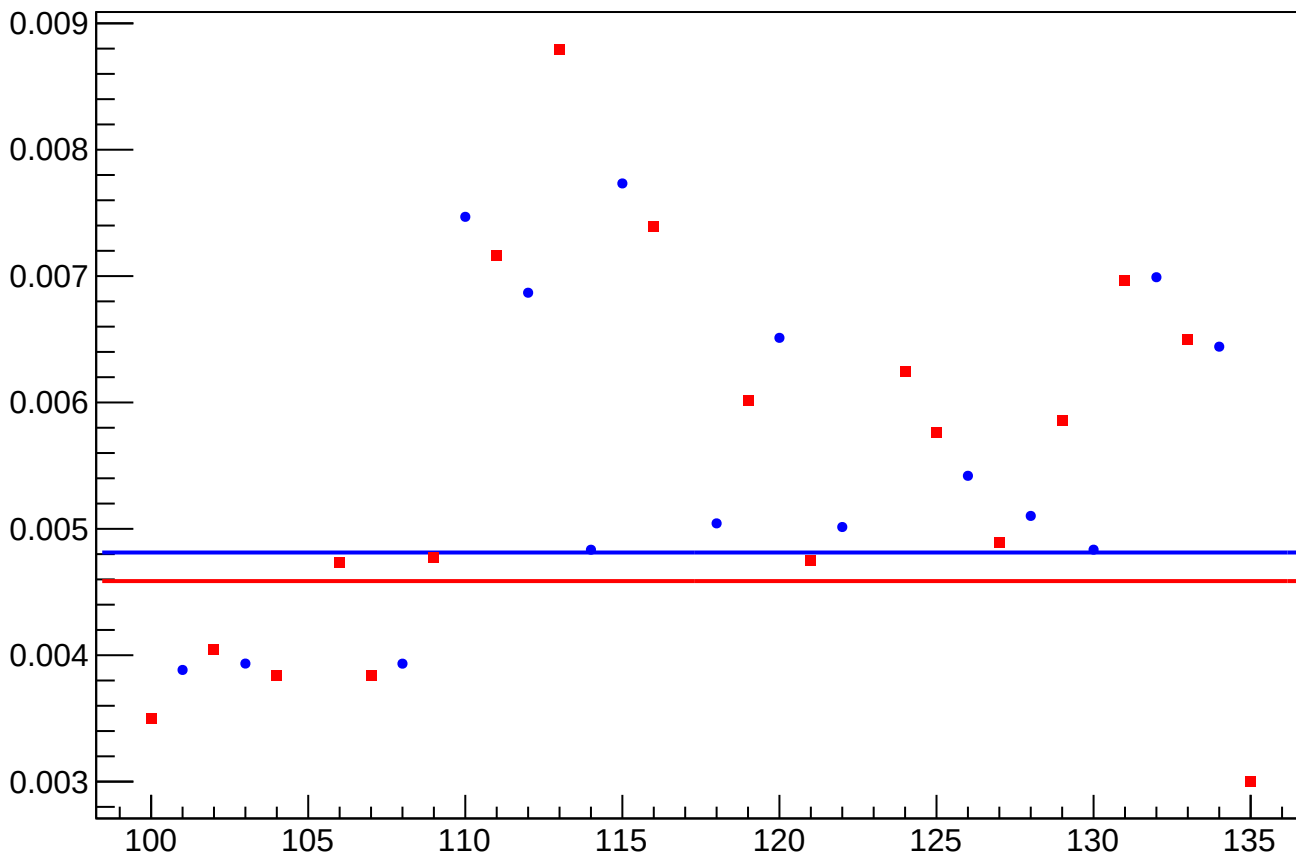
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.104+/-0.000 χ^2/NDF : 10099161698.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l09Y_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 499745.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 977420.6/17

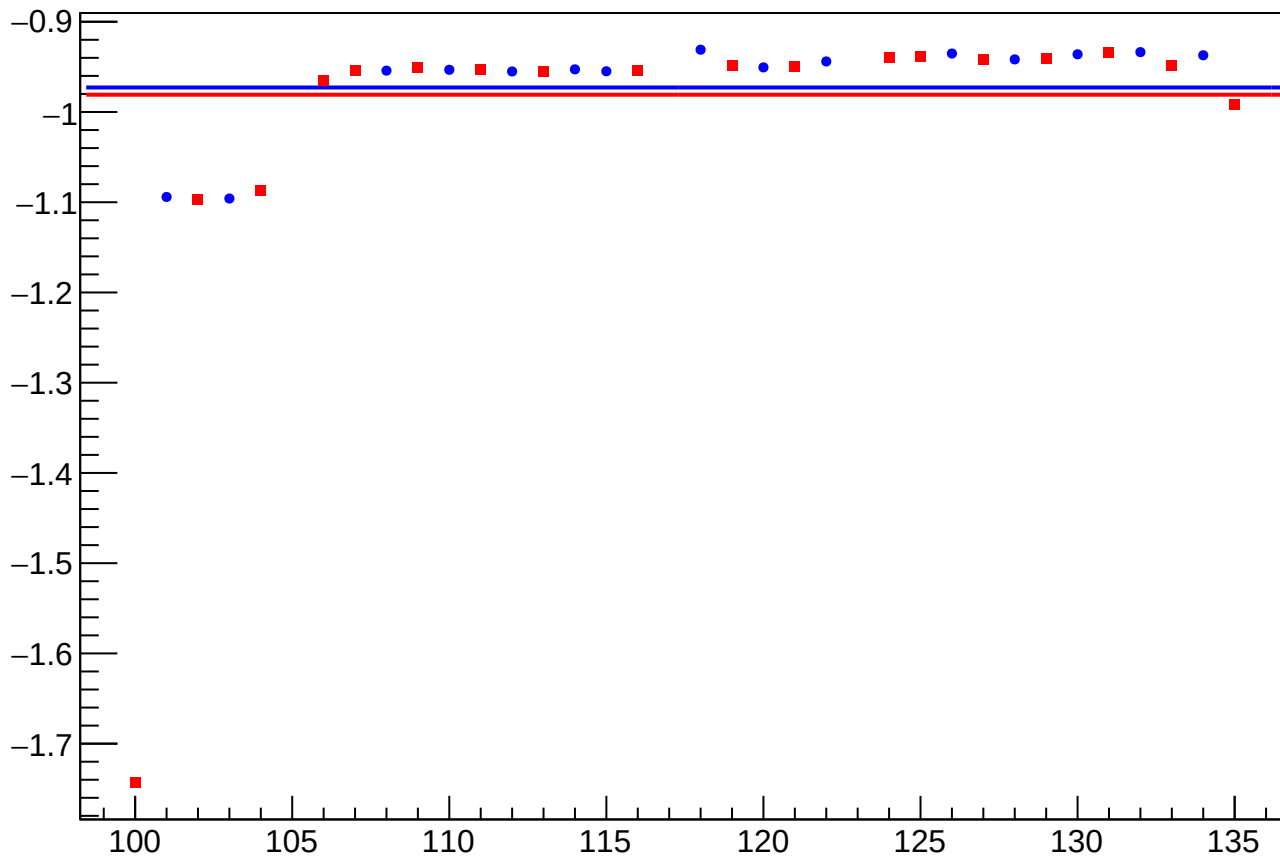
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 1489689.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_mean vs Slug



Right In: -0.973+/-0.000 χ^2/NDF : 151569675.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.981+/-0.000 χ^2/NDF : 447188967.2/17

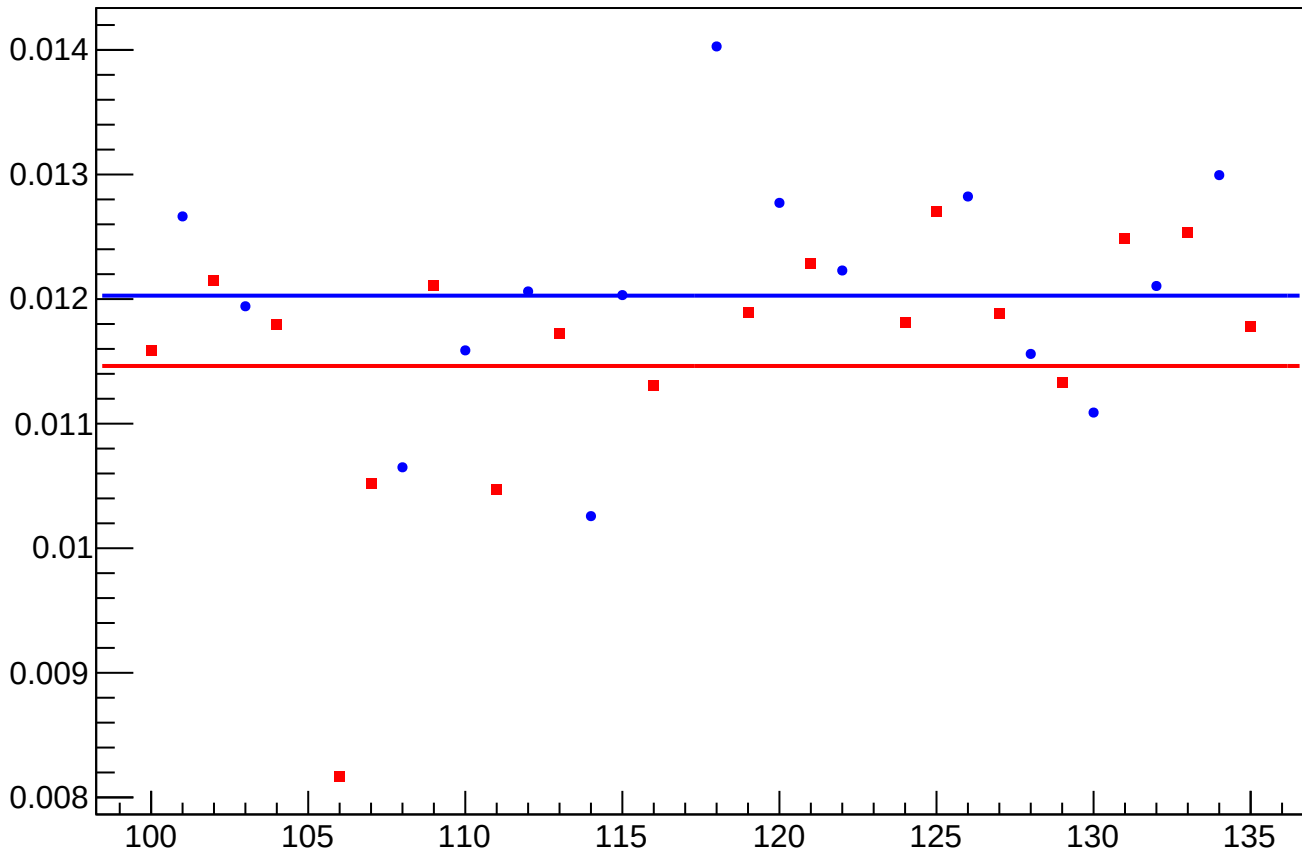
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.977+/-0.000 χ^2/NDF : 600250218.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10X_rms vs Slug



Right In: 0.012 $\pm$ 0.000 χ^2 /NDF: 62200.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.011 $\pm$ 0.000 χ^2 /NDF: 147068.3/17

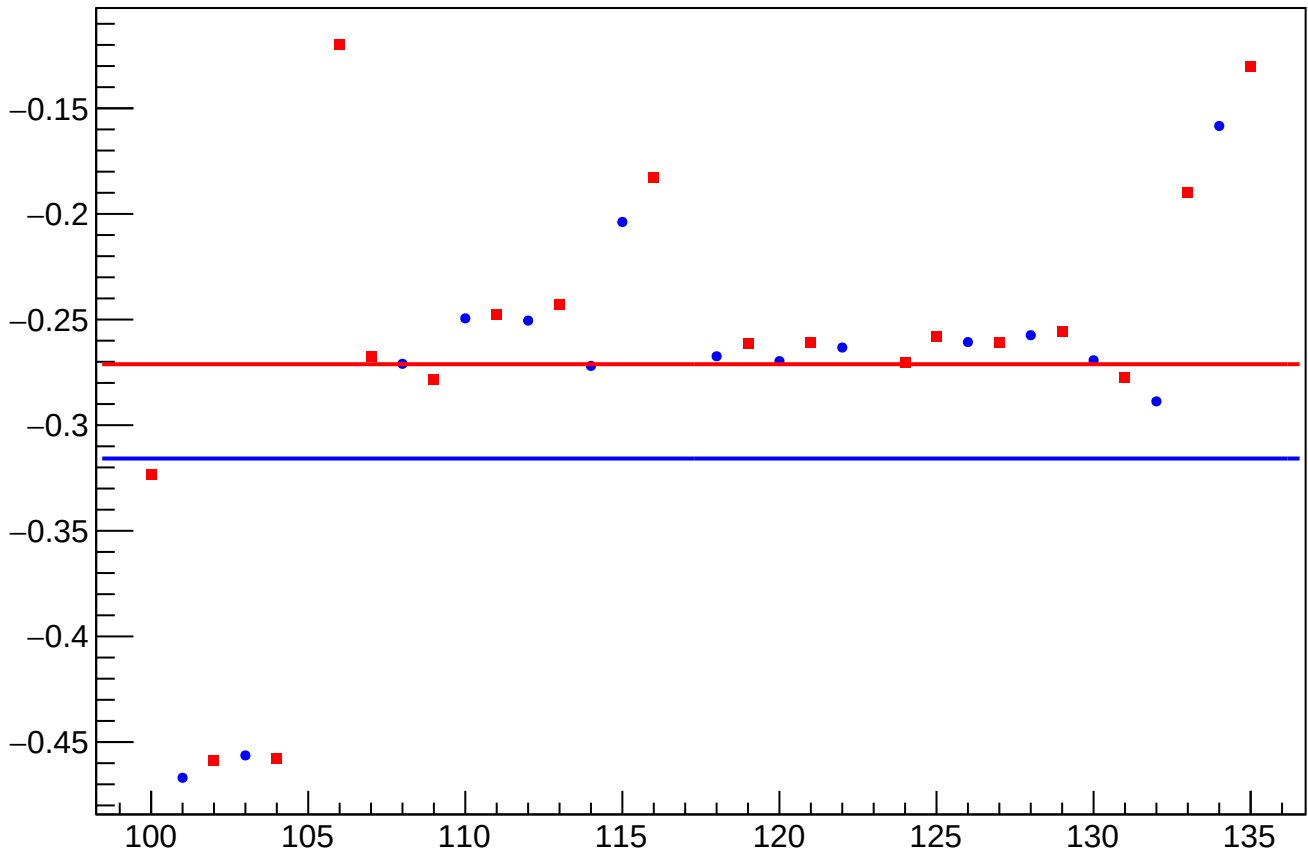
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.012 $\pm$ 0.000 χ^2 /NDF: 224172.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0l10Y_mean vs Slug



Right In: -0.316+/-0.000 χ^2/NDF : 2854089970.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.271+/-0.000 χ^2/NDF : 4720449064.5/17

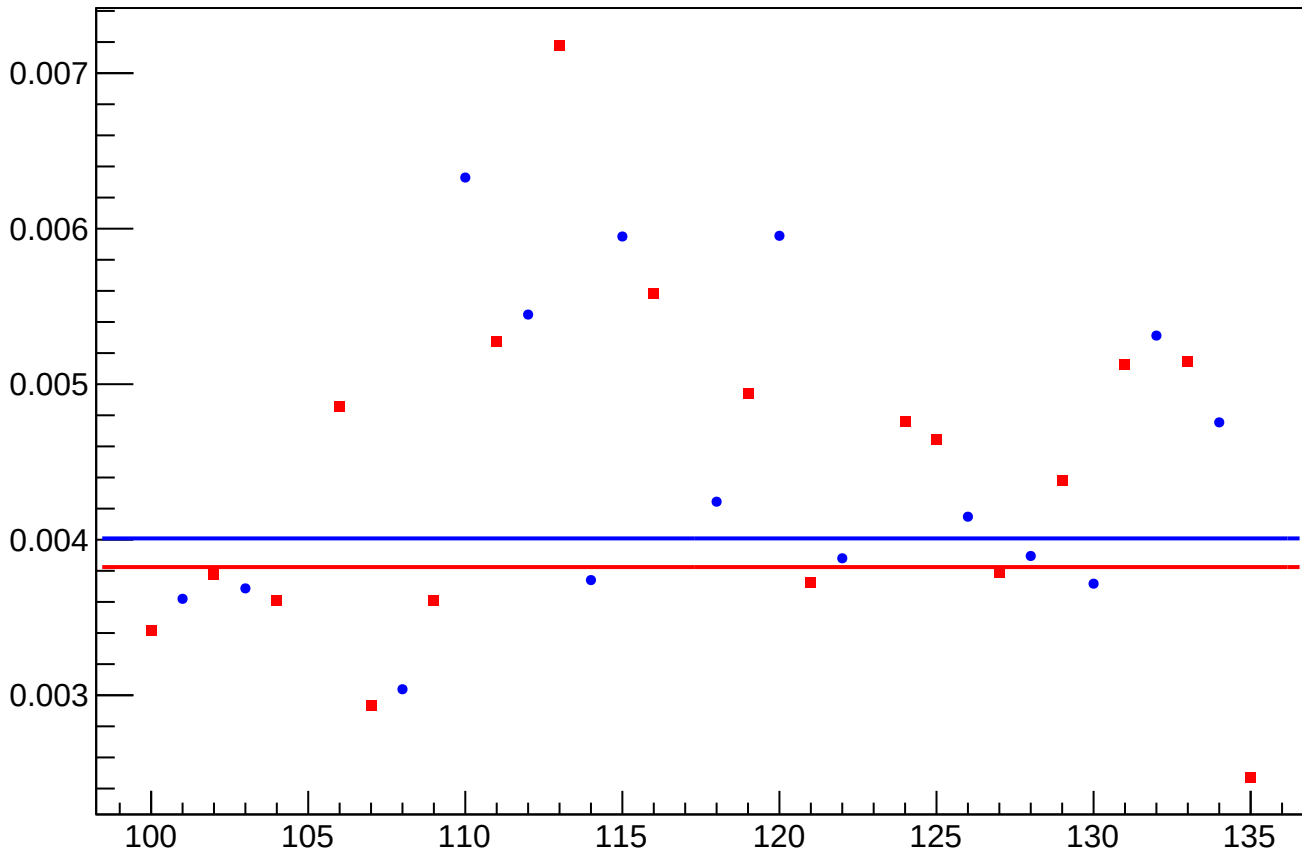
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.291+/-0.000 χ^2/NDF : 7929865606.0/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0l10Y_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 393336.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 811686.2/17

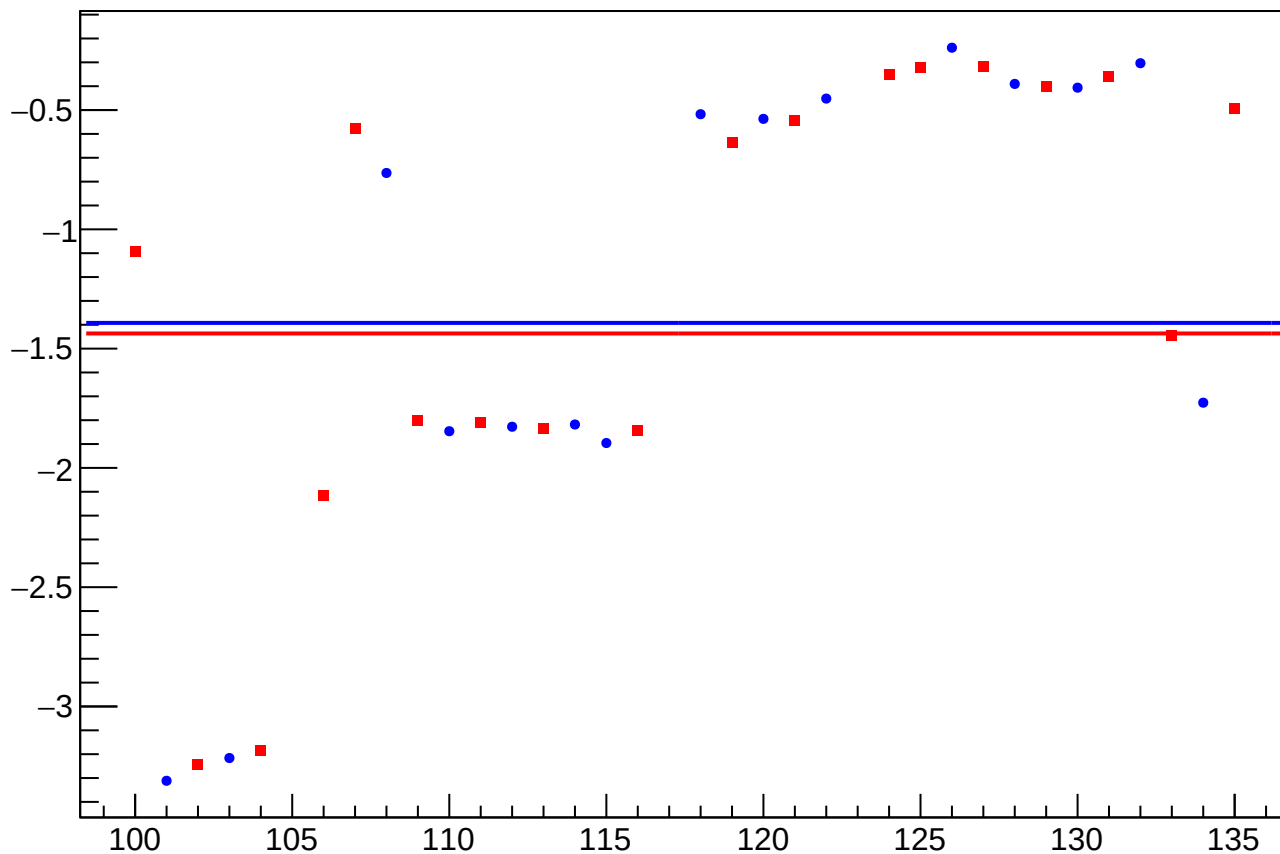
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 1217131.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03X_mean vs Slug



Right In: -1.392 ± 0.000 $\chi^2/\text{NDF}: 1432525970.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.436 ± 0.000 $\chi^2/\text{NDF}: 1326701025.7/17$

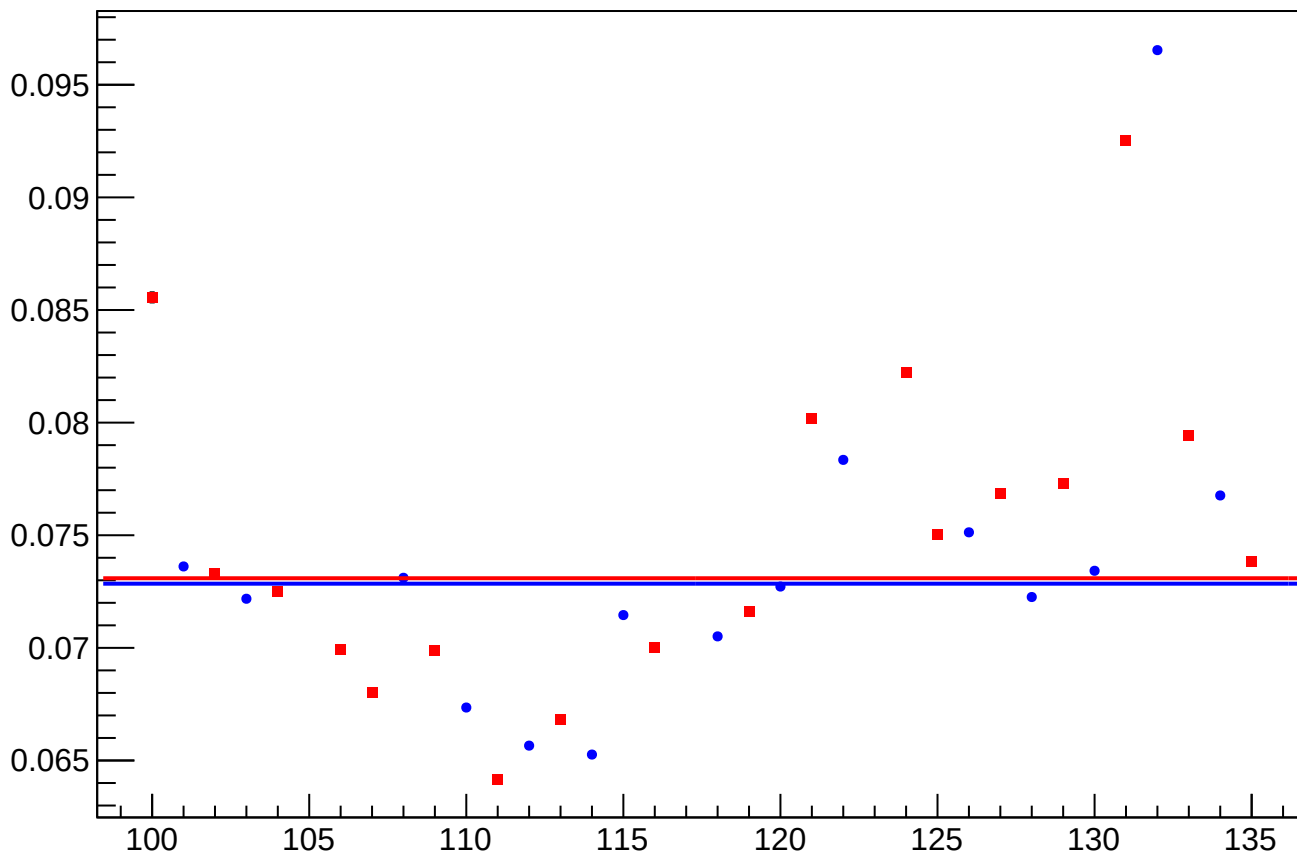
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.416 ± 0.000 $\chi^2/\text{NDF}: 2760439194.6/3$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

yield_bpm0r03X_rms vs Slug



Right In: 0.073+/-0.000 χ^2/NDF : 75397.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.073+/-0.000 χ^2/NDF : 89202.6/17

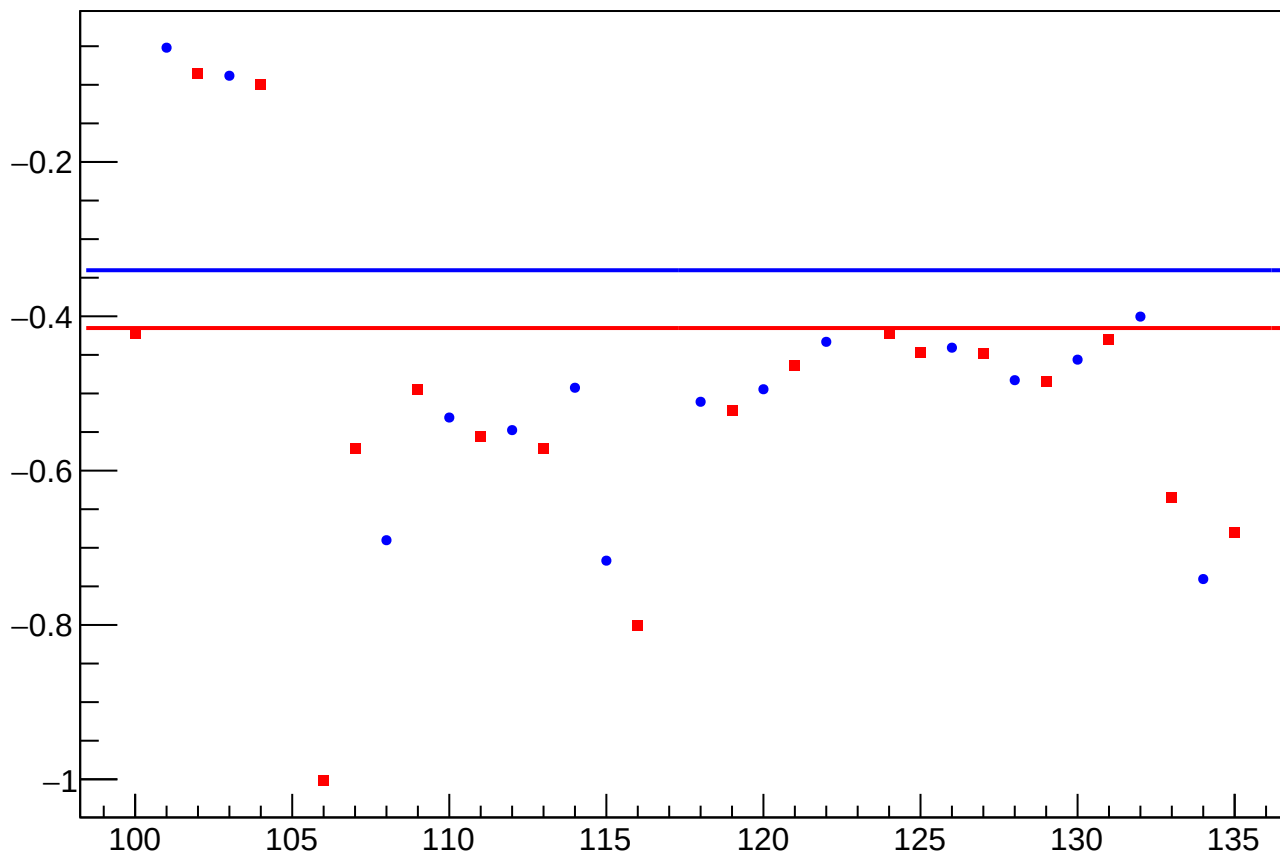
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.073+/-0.000 χ^2/NDF : 164671.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_mean vs Slug



Right In: -0.340+/-0.000 χ^2/NDF : 2000326277.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

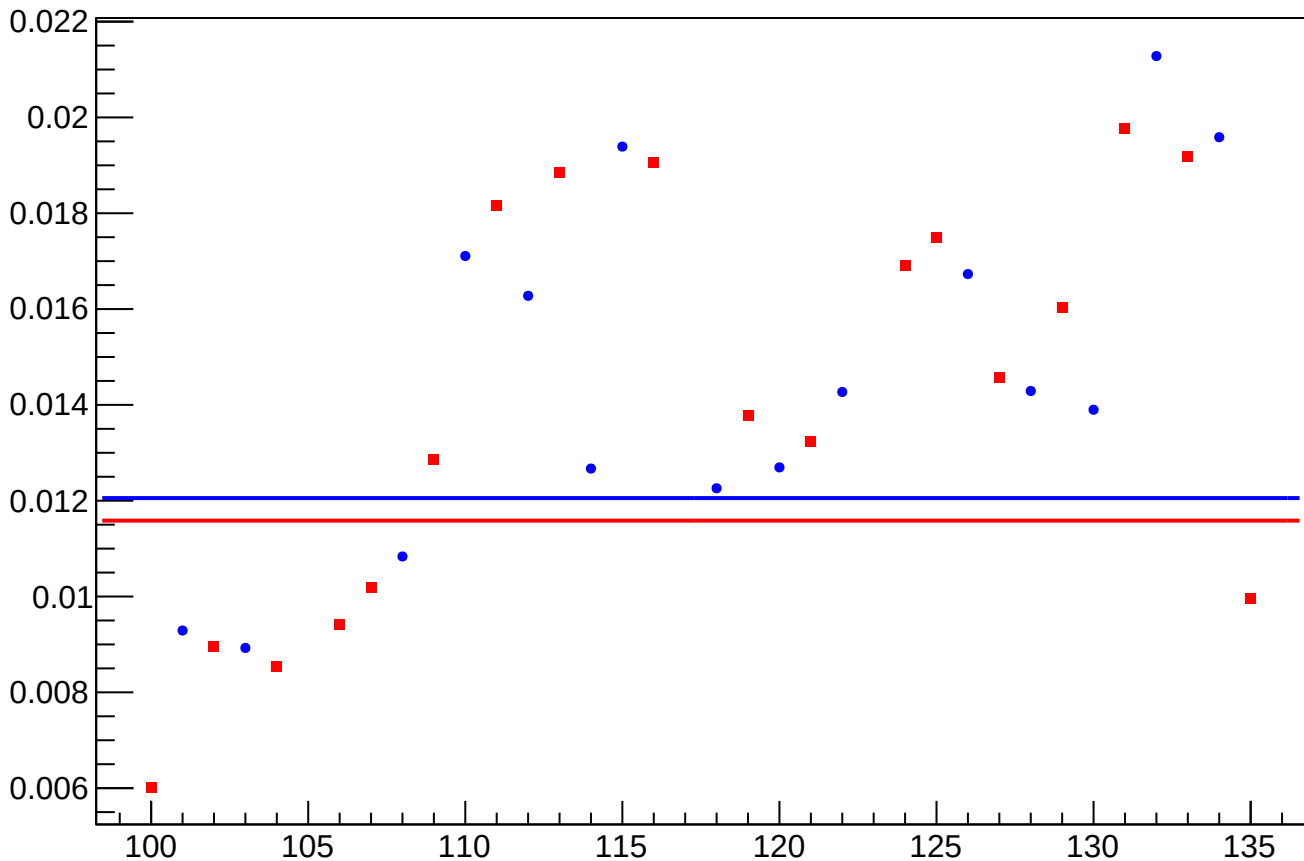
Right Out: -0.415+/-0.000 χ^2/NDF : 2962025537.5/17

All: -0.382+/-0.000 χ^2/NDF : 5071691901.6/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r03Y_rms vs Slug



Right In: 0.012+/-0.000 χ^2/NDF : 710174.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.012+/-0.000 χ^2/NDF : 1150939.8/17

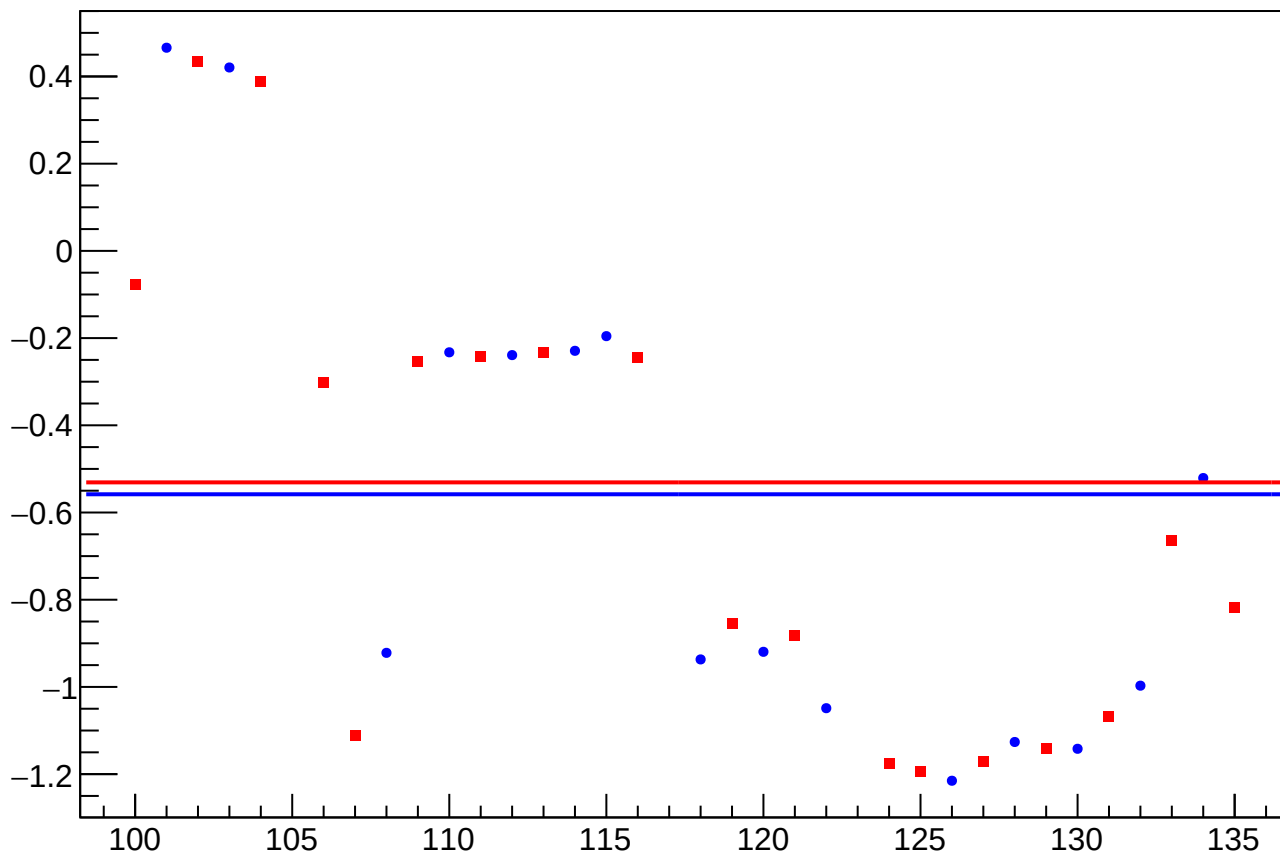
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.012+/-0.000 χ^2/NDF : 1869737.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_mean vs Slug



Right In: -0.558 ± 0.000 χ^2/NDF : 288433058.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.531 ± 0.000 χ^2/NDF : 268354678.3/17

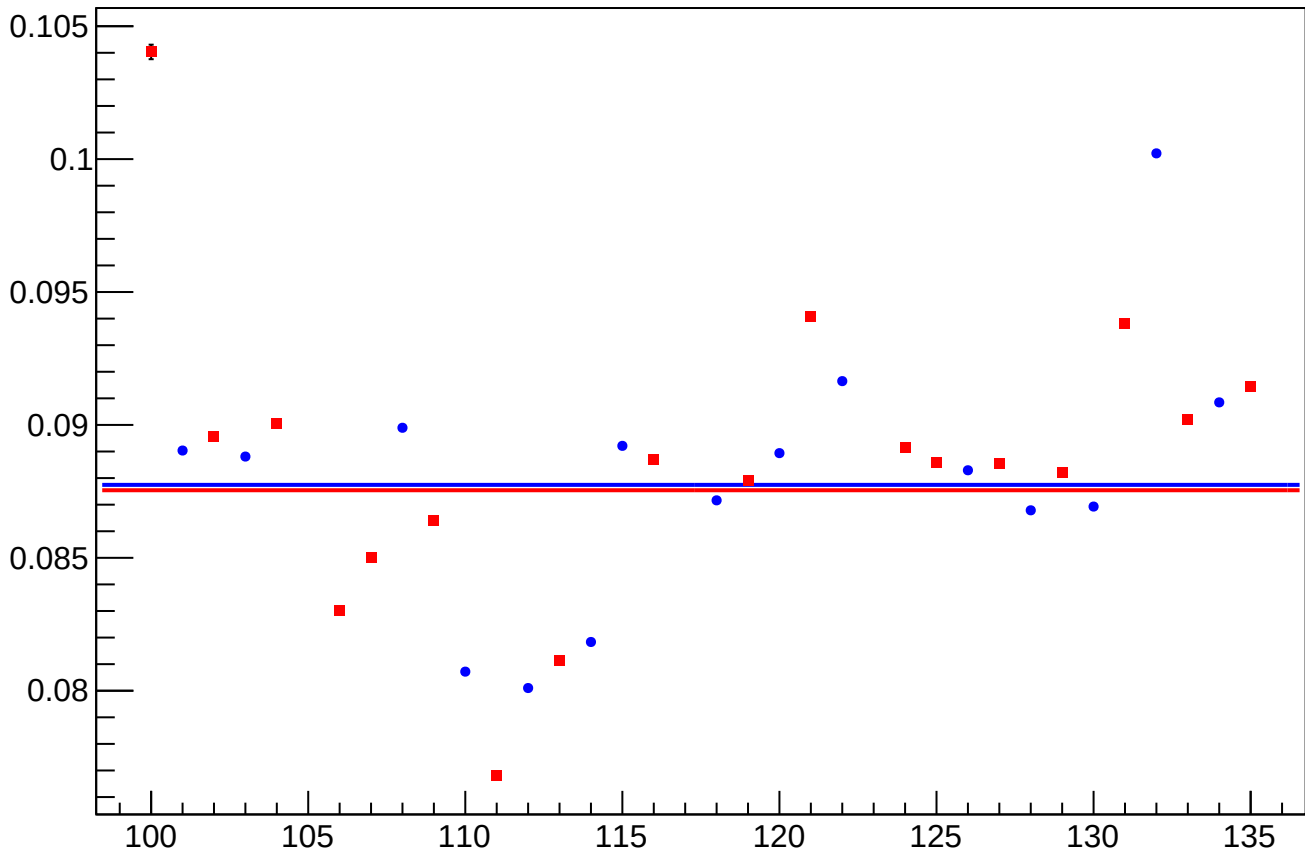
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.544 ± 0.000 χ^2/NDF : 557114629.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

yield_bpm0r05X_rms vs Slug



Right In: 0.088+/-0.000 χ^2/NDF : 33008.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.088+/-0.000 χ^2/NDF : 41783.3/17

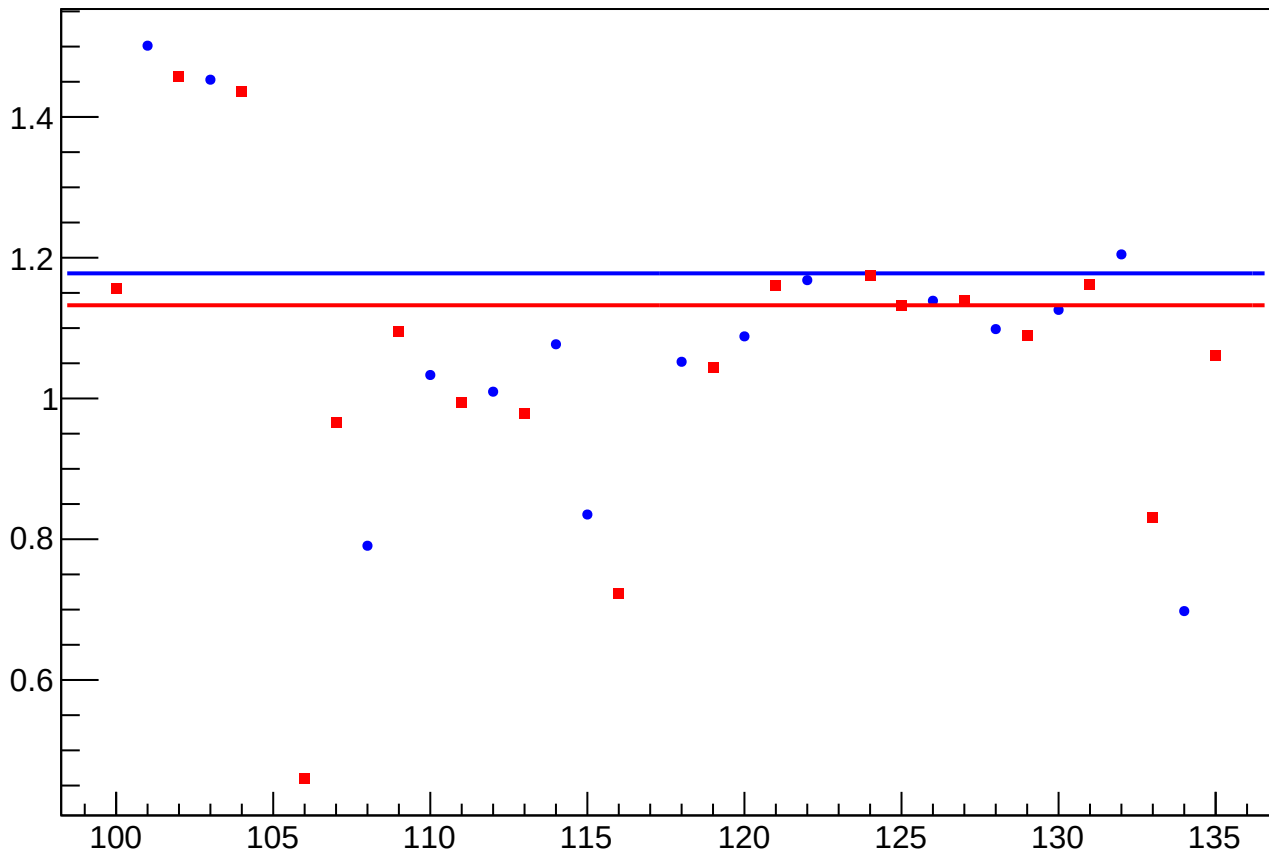
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.088+/-0.000 χ^2/NDF : 74827.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_bpm0r05Y_mean vs Slug



Right In: 1.178 $\pm$ 0.000 χ^2 /NDF: 1197118418.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.132 $\pm$ 0.000 χ^2 /NDF: 1492217051.0/17

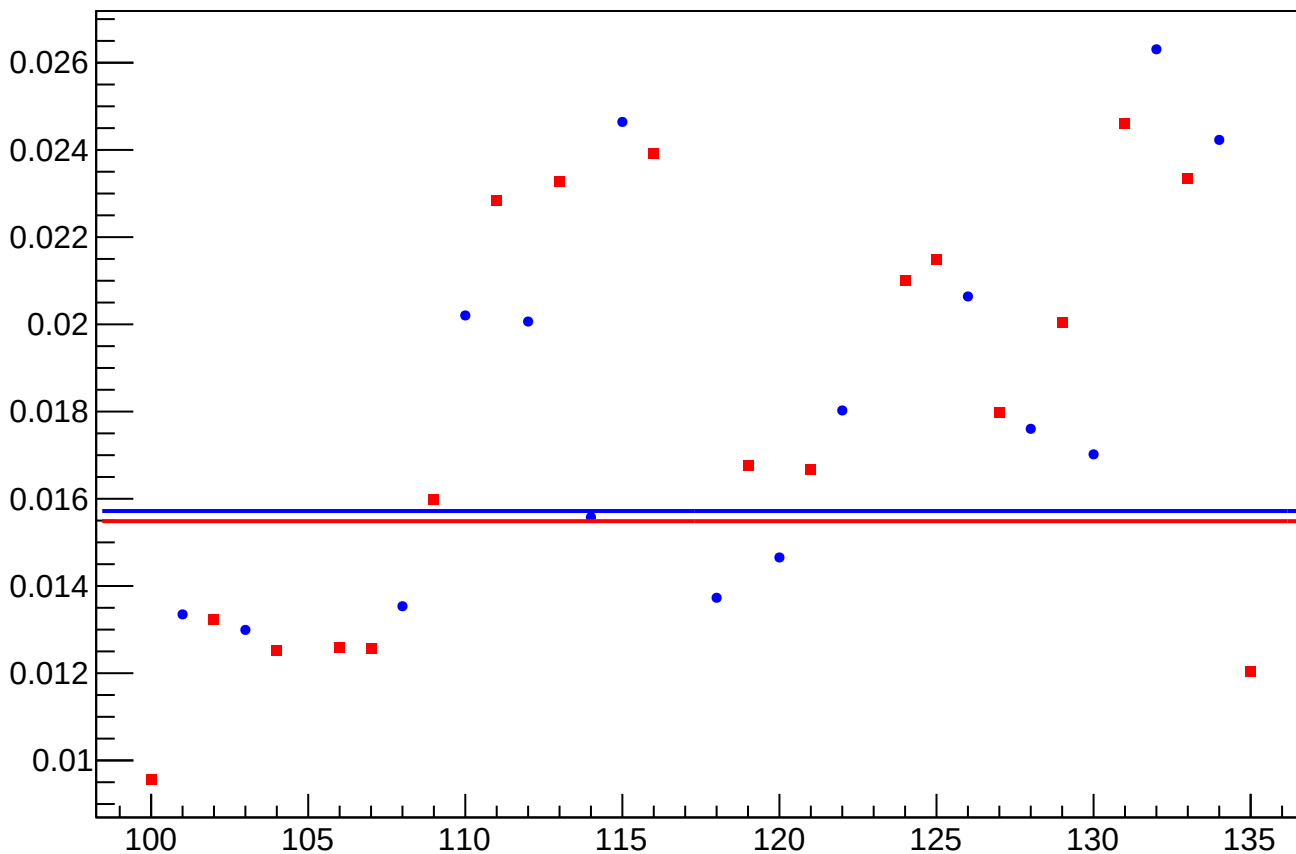
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.153 $\pm$ 0.000 χ^2 /NDF: 2712879134.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_bpm0r05Y_rms vs Slug



Right In: 0.016+/-0.000 χ^2/NDF : 460876.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.015+/-0.000 χ^2/NDF : 788863.1/17

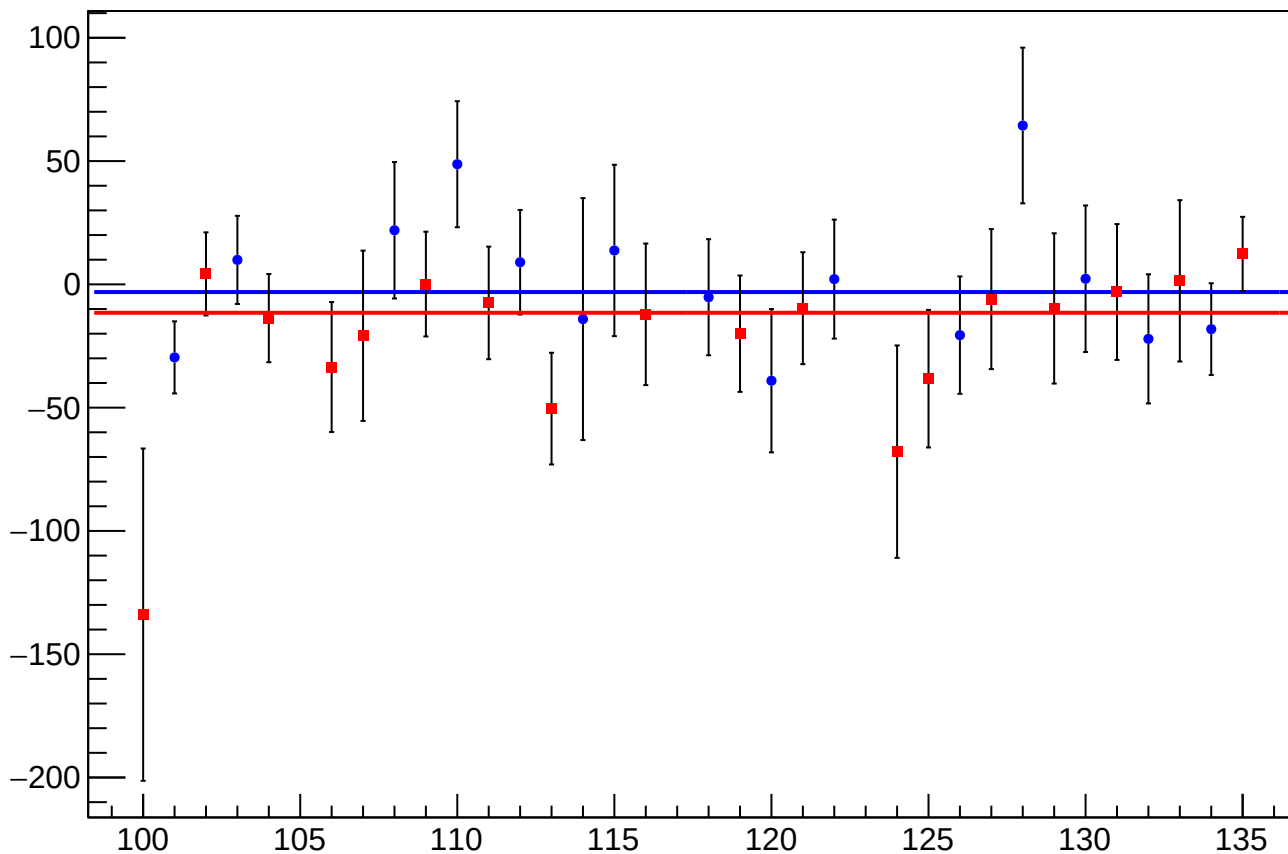
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.016+/-0.000 χ^2/NDF : 1250974.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_mean vs Slug



Right In: -3.122 ± 6.079 χ^2/NDF : 17.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.517 ± 5.681 χ^2/NDF : 13.8/17

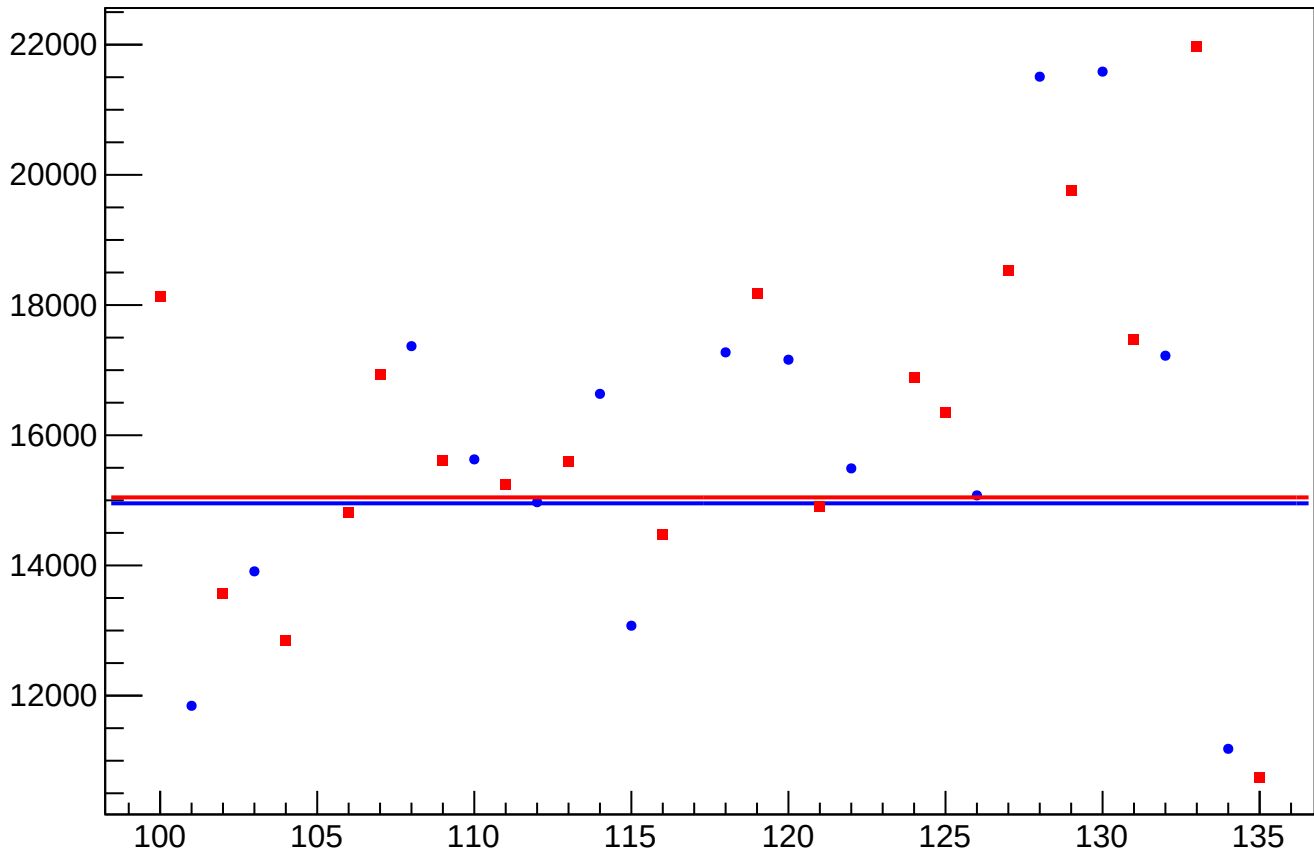
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.604 ± 4.151 χ^2/NDF : 32.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm4aX_rms vs Slug



Right In: 14954.018+/-4.299 χ^2/NDF : 436948.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

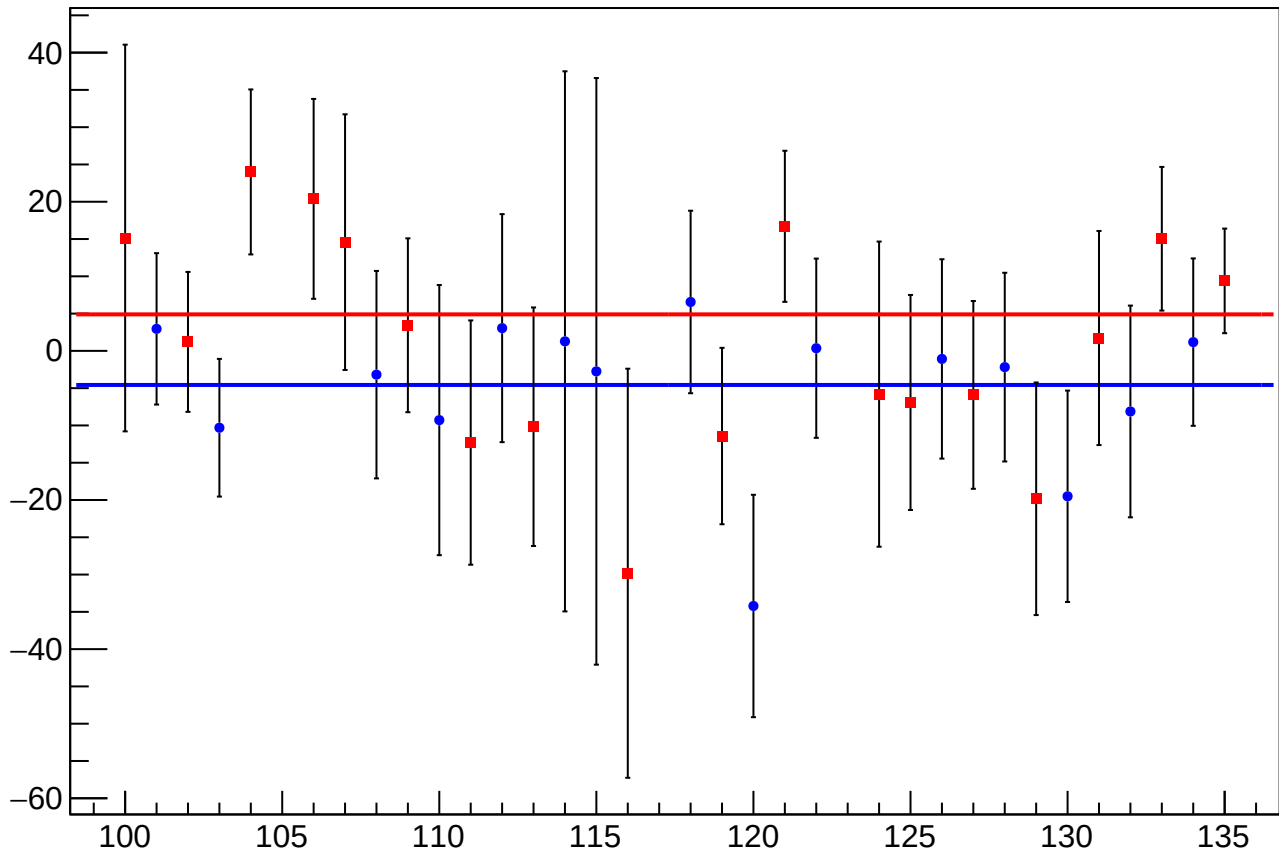
Right Out: 15045.407+/-4.017 χ^2/NDF : 449057.0/17

All: 15002.807+/-2.935 χ^2/NDF : 886246.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_mean vs Slug



Right In: -4.570+/-3.468 χ^2/NDF : 7.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.897+/-2.927 χ^2/NDF : 17.6/17

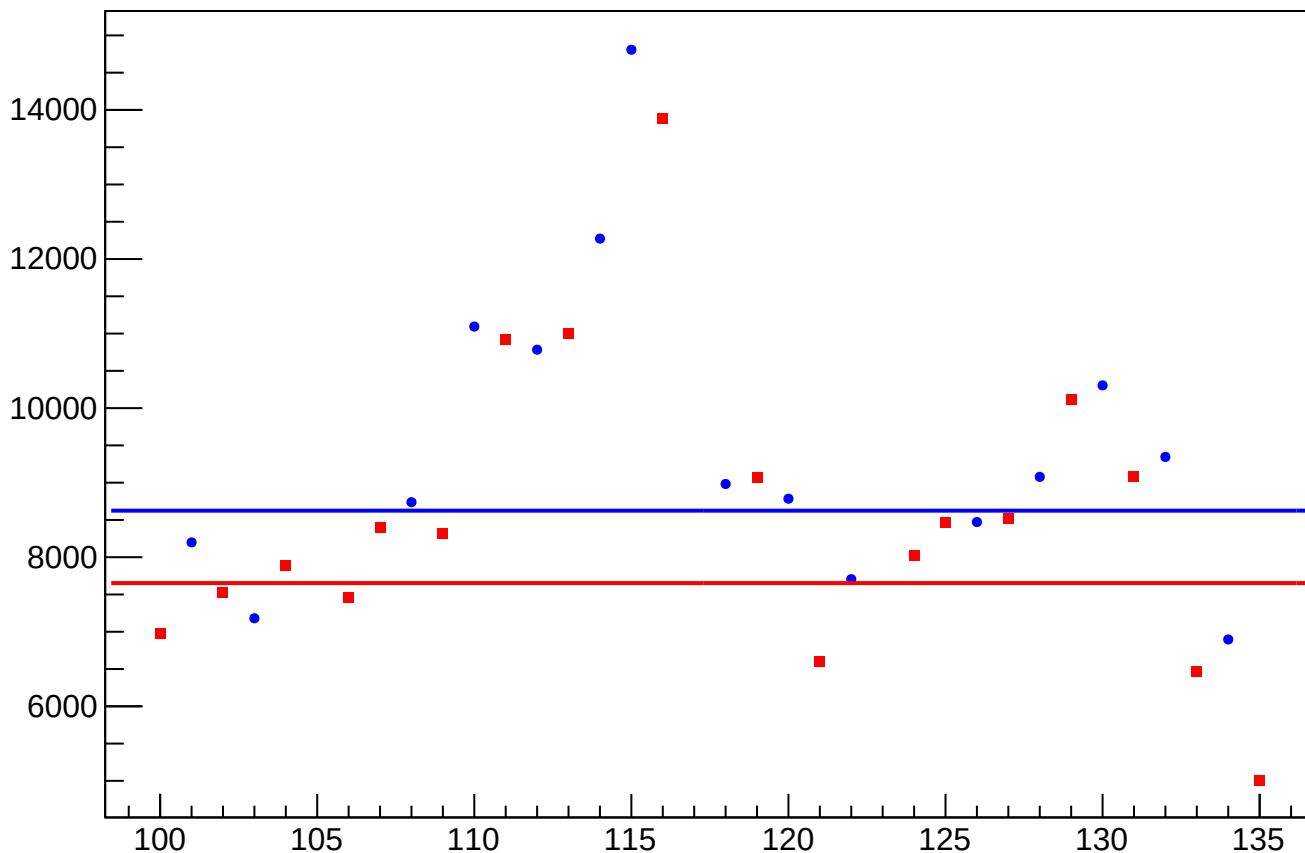
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.959+/-2.237 χ^2/NDF : 29.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4aY_rms vs Slug



Right In: 8624.639+/-2.452 χ^2/NDF : 296435.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

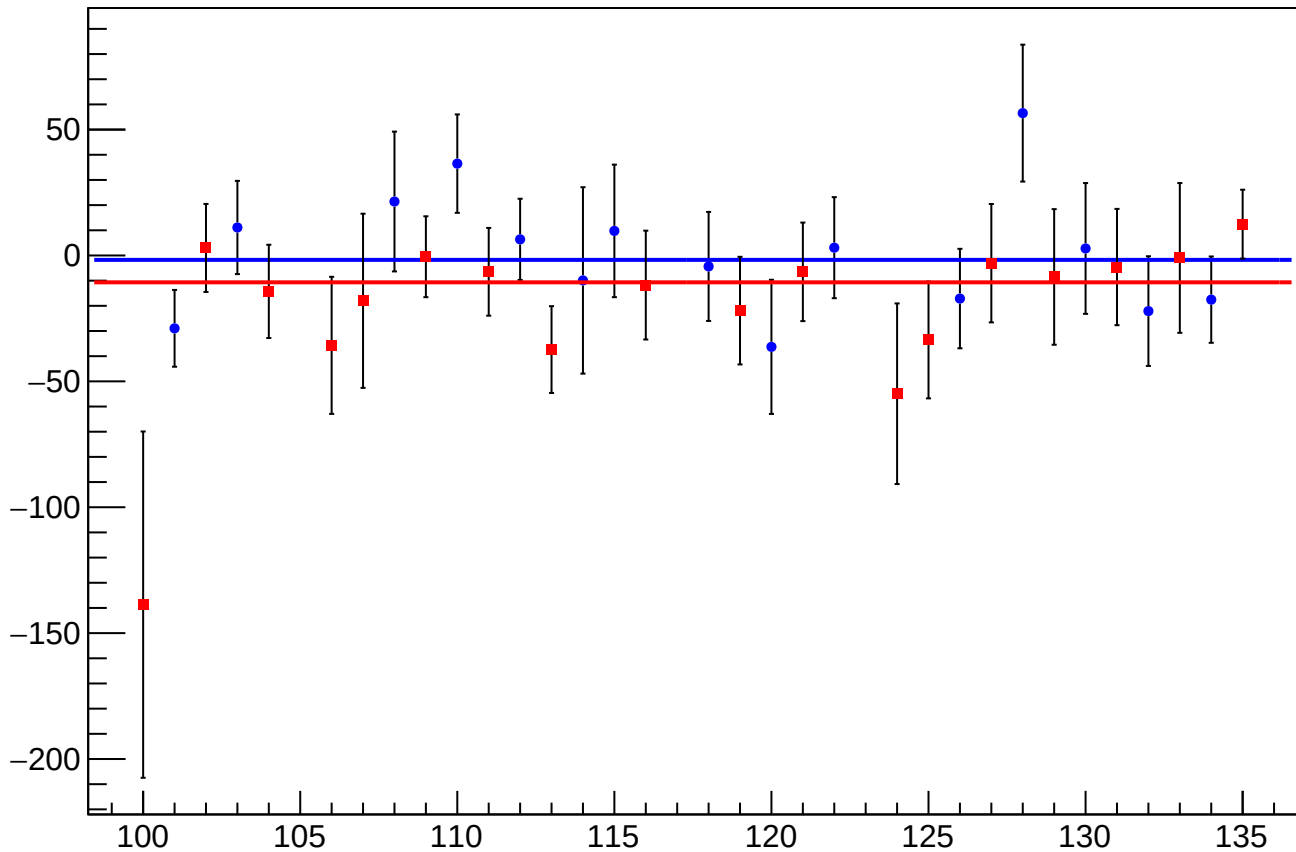
Right Out: 7653.105+/-2.069 χ^2/NDF : 735511.3/17

All: 8057.171+/-1.582 χ^2/NDF : 1123620.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eX_mean vs Slug



Right In: -1.746+/-5.416 χ^2 /NDF: 17.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.667+/-4.986 χ^2 /NDF: 13.8/17

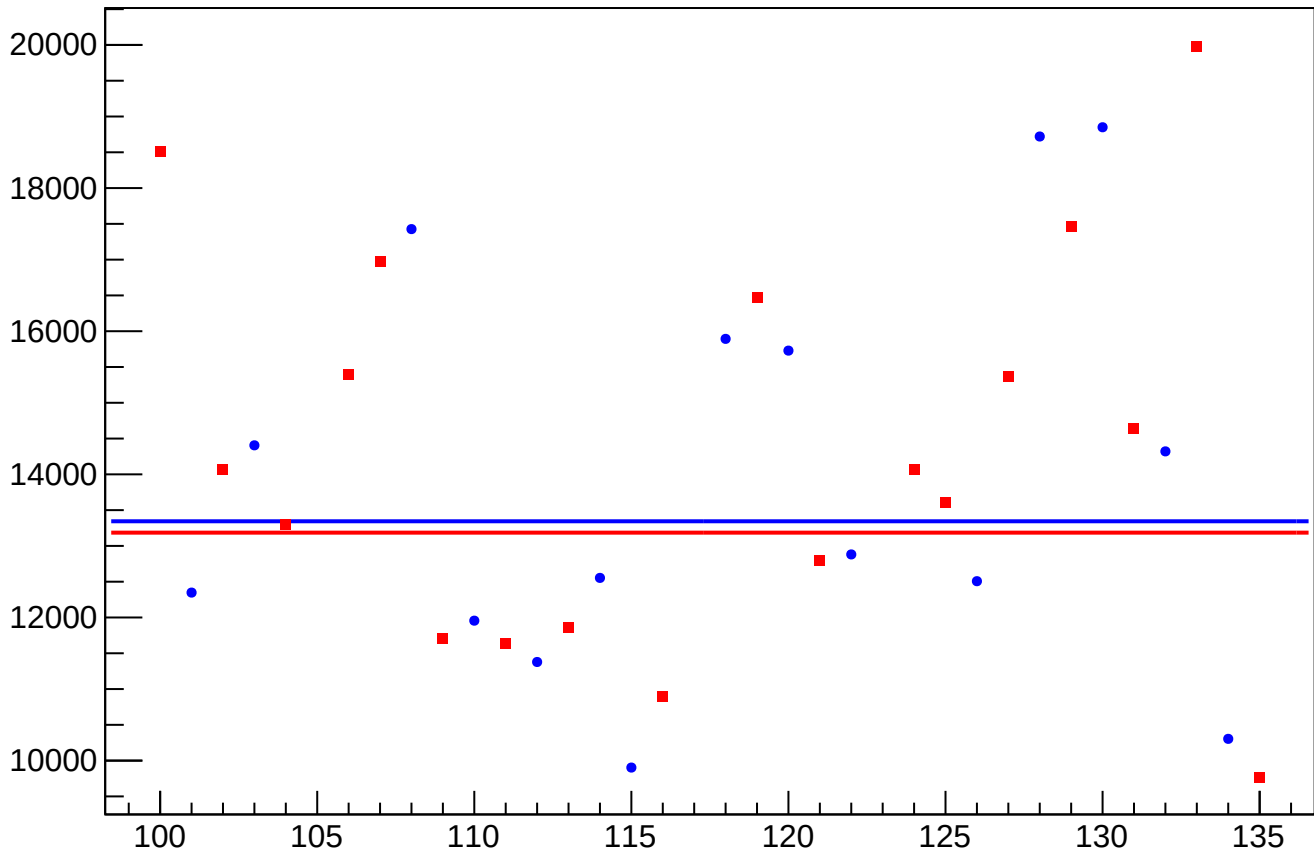
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -6.575+/-3.668 χ^2 /NDF: 32.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm4eX_rms vs Slug



Right In: 13344.276+/-3.830 χ^2/NDF : 416678.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13185.388+/-3.525 χ^2/NDF : 476125.3/17

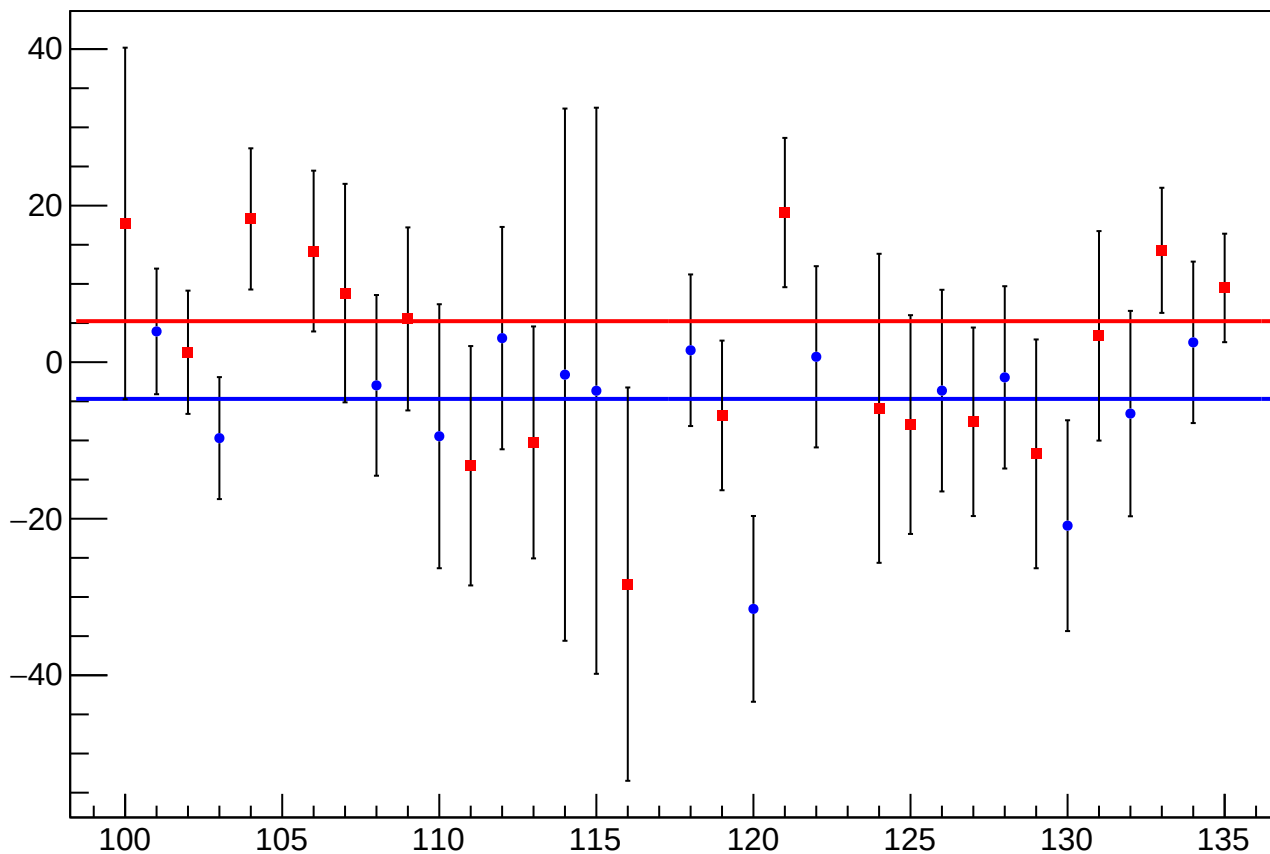
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13258.267+/-2.594 χ^2/NDF : 893735.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_mean vs Slug



Right In: -4.693+/-3.030 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.239+/-2.617 χ^2/NDF : 16.9/17

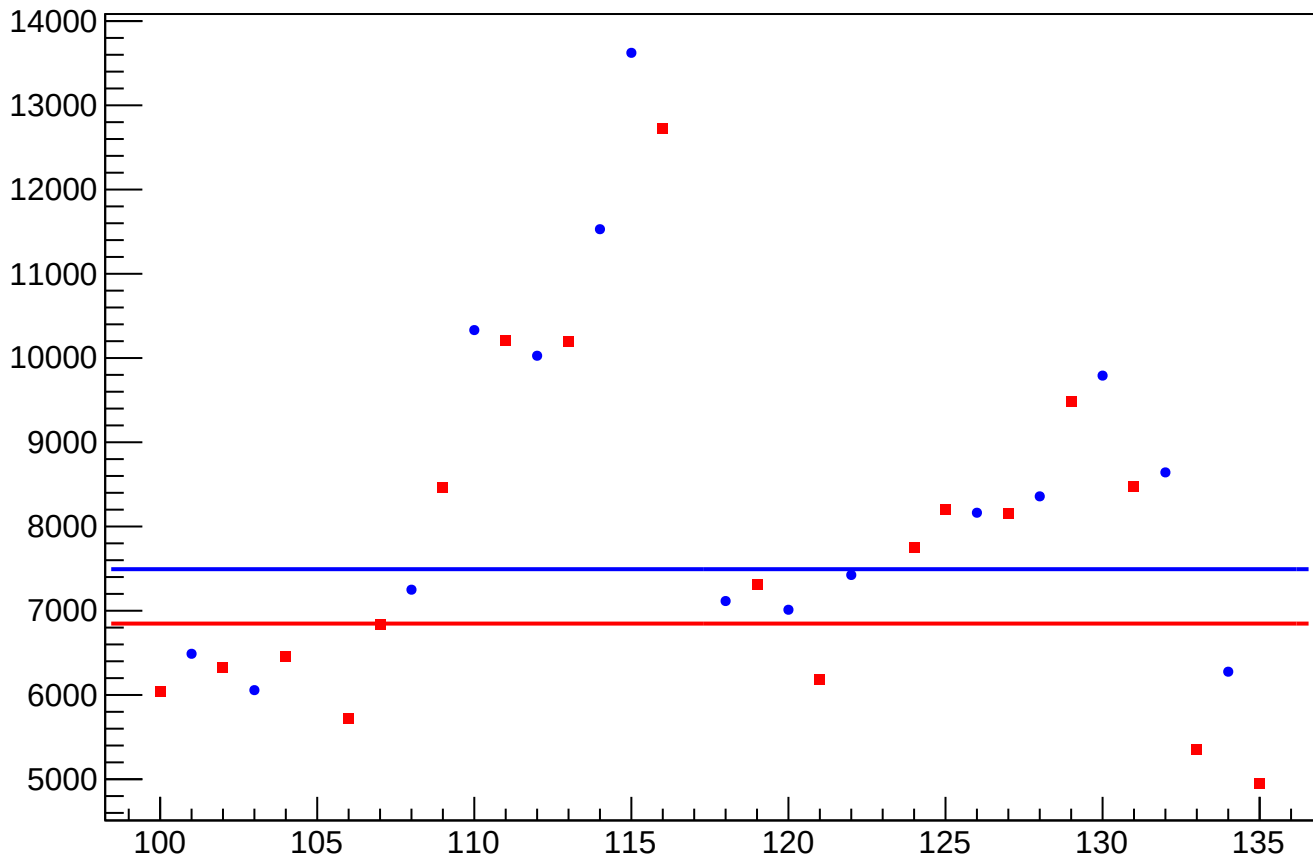
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.995+/-1.980 χ^2/NDF : 32.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4eY_rms vs Slug



Right In: 7493.323+/-2.142 χ^2/NDF : 430365.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6847.539+/-1.851 χ^2/NDF : 760808.7/17

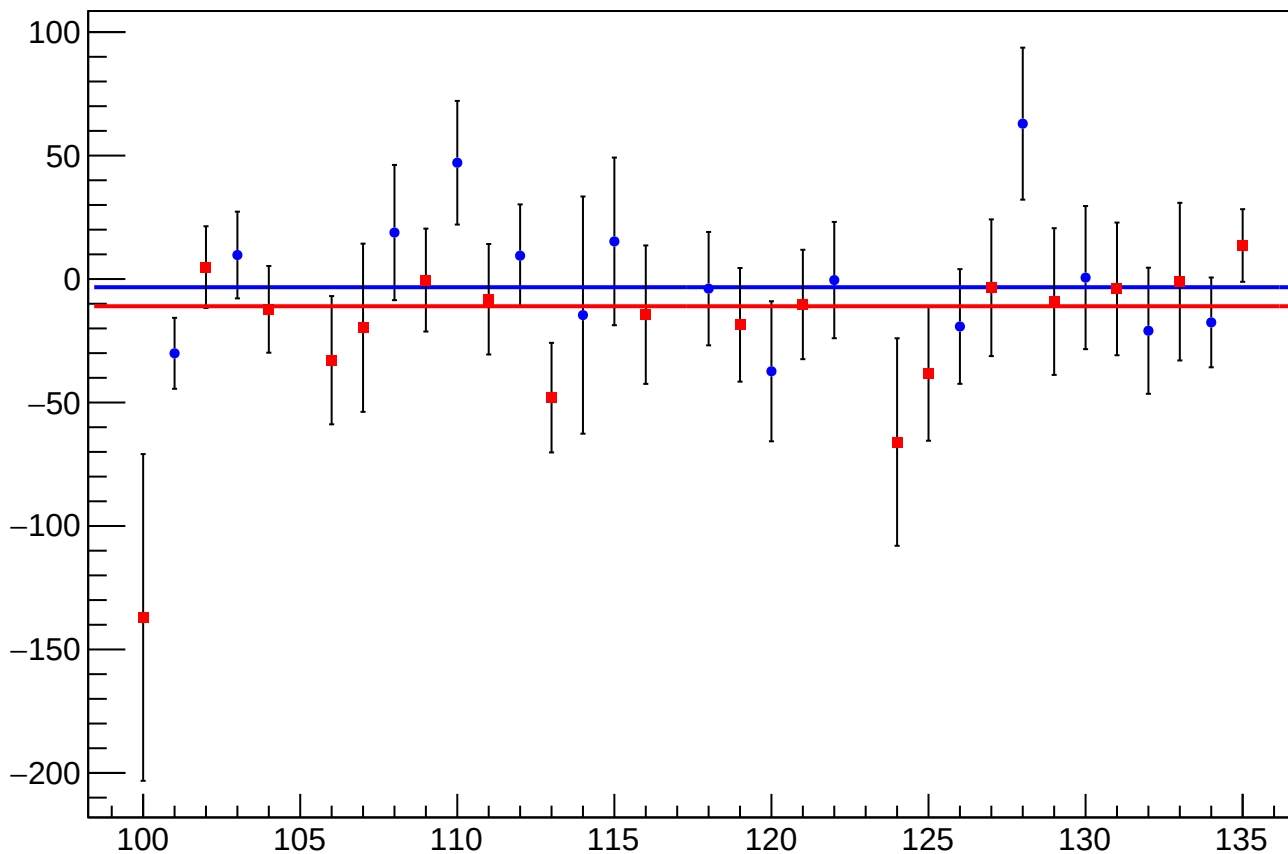
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7123.508+/-1.400 χ^2/NDF : 1243216.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_mean vs Slug



Right In: -3.305+/-5.951 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.013+/-5.560 χ^2/NDF : 14.3/17

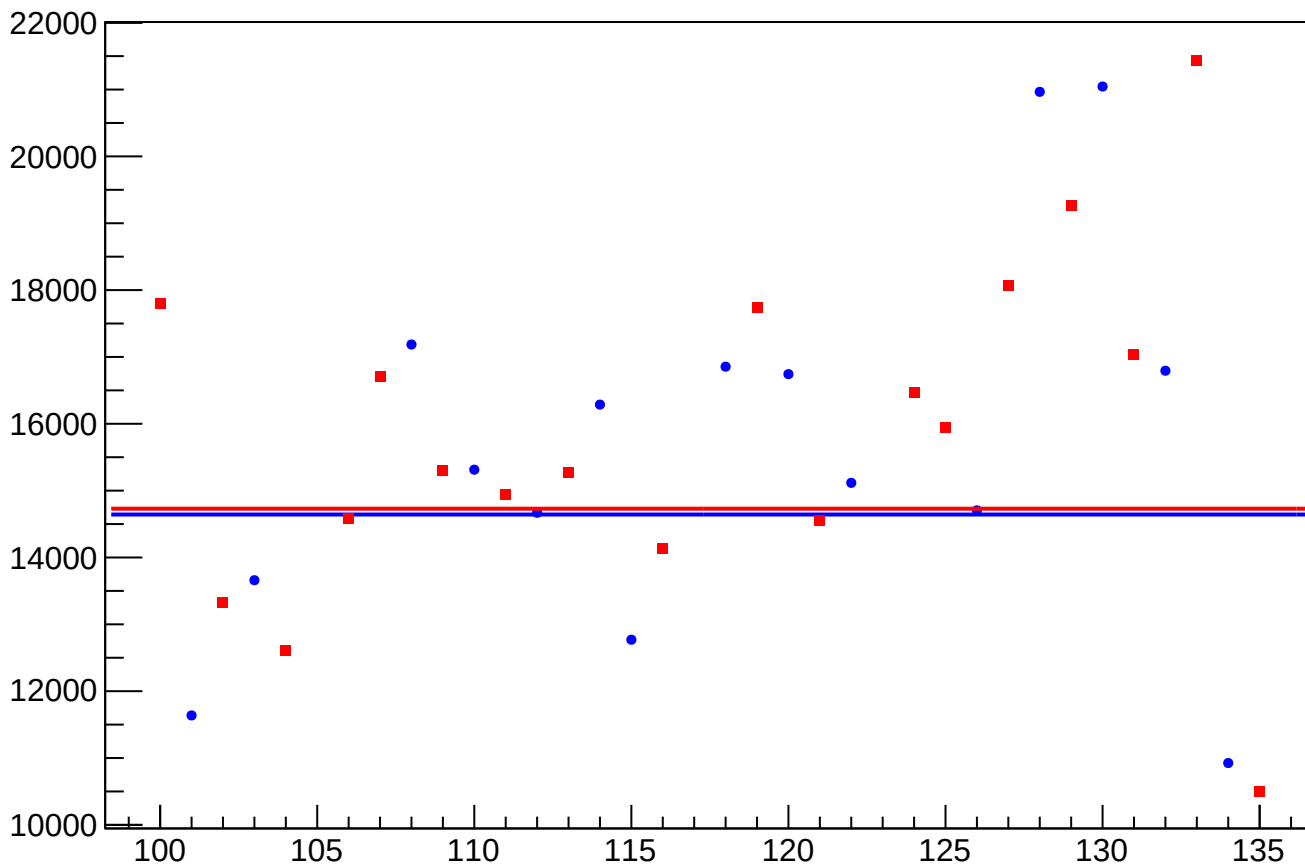
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -7.420+/-4.063 χ^2/NDF : 32.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acX_rms vs Slug



Right In: 14642.692+/-4.208 χ^2/NDF : 431052.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

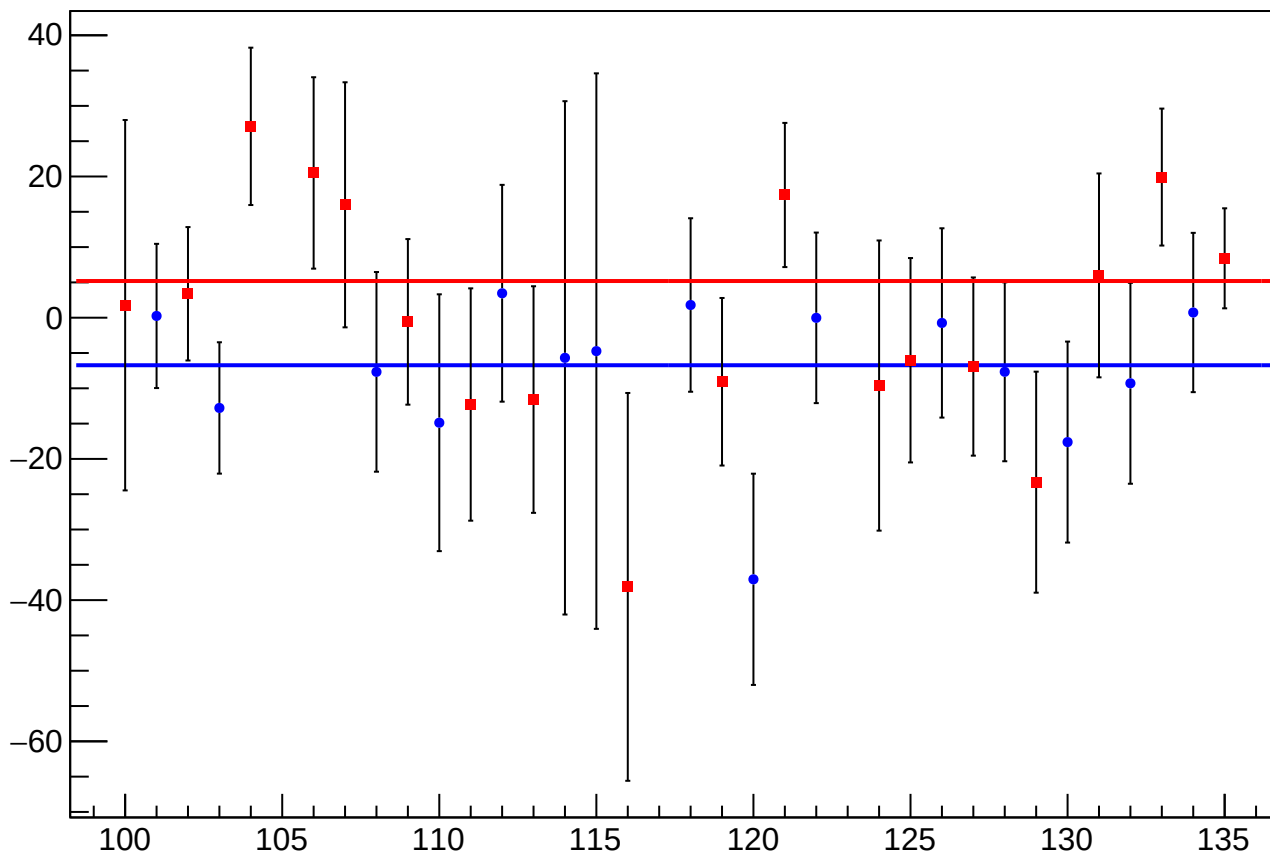
Right Out: 14729.691+/-3.932 χ^2/NDF : 443721.6/17

All: 14689.142+/-2.873 χ^2/NDF : 875002.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_mean vs Slug



Right In: -6.733+/-3.486 χ^2/NDF : 7.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.195+/-2.946 χ^2/NDF : 21.3/17

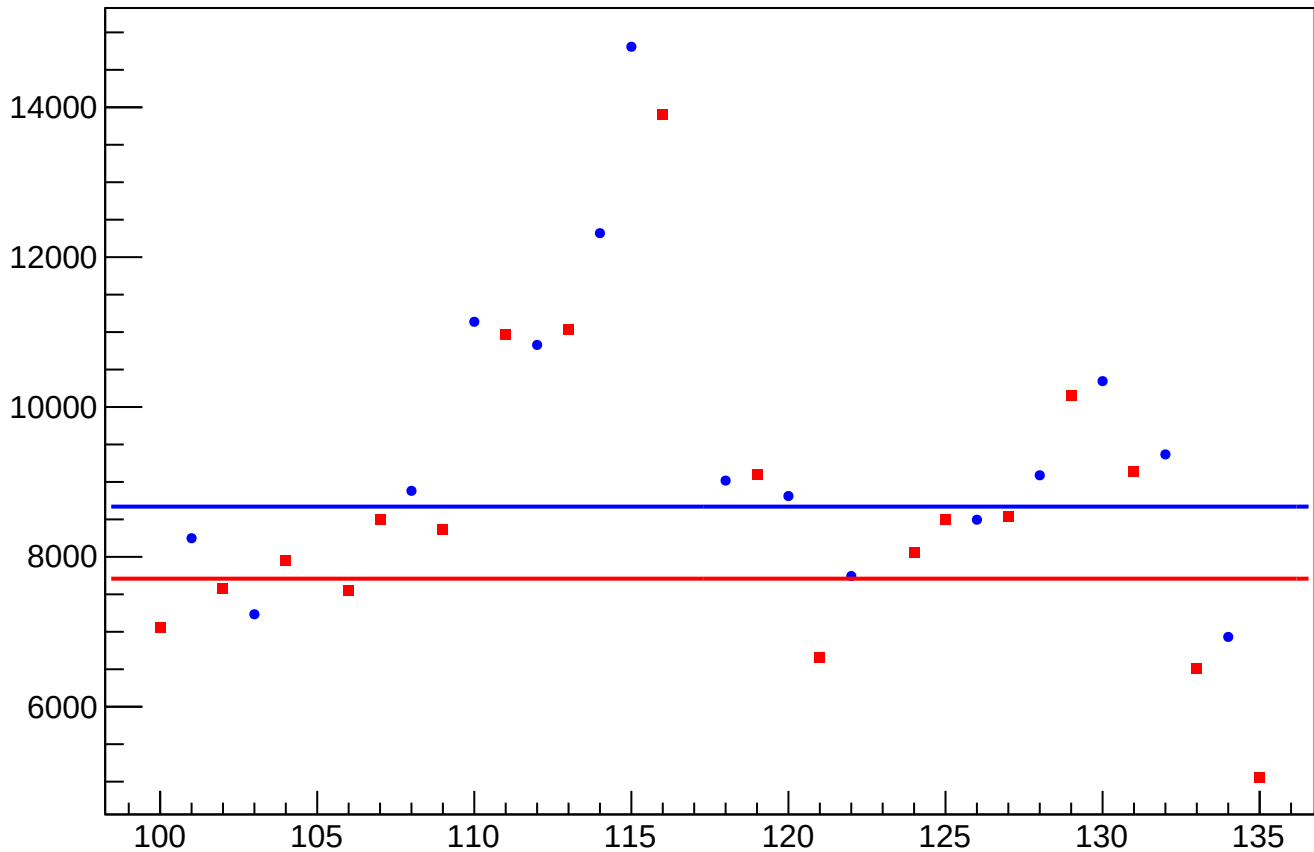
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.225+/-2.250 χ^2/NDF : 35.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4acY_rms vs Slug



Right In: 8670.703+/-2.465 χ^2/NDF : 292782.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

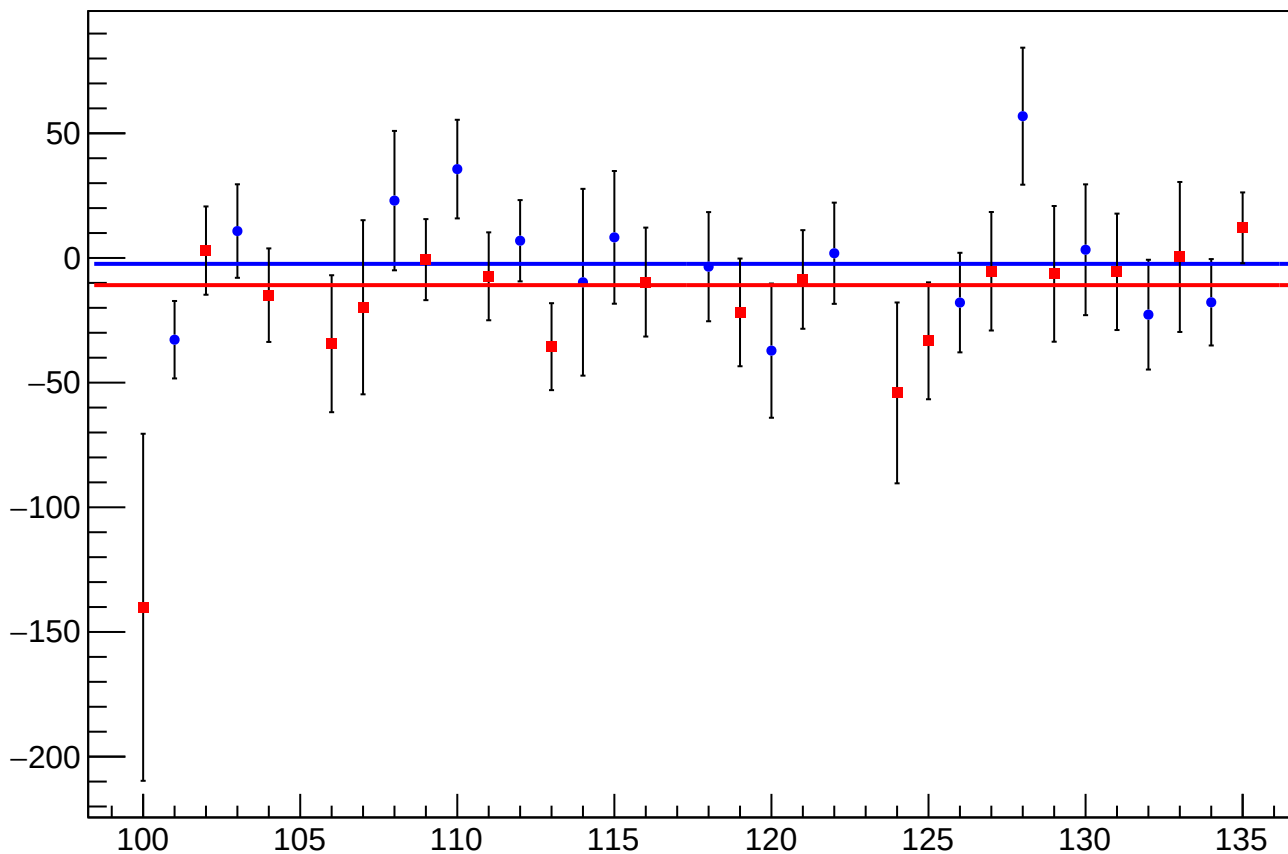
Right Out: 7709.121+/-2.083 χ^2/NDF : 722607.7/17

All: 8109.783+/-1.591 χ^2/NDF : 1104157.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_mean vs Slug



Right In: -2.364+/-5.481 χ^2/NDF : 18.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.892+/-5.059 χ^2/NDF : 12.8/17

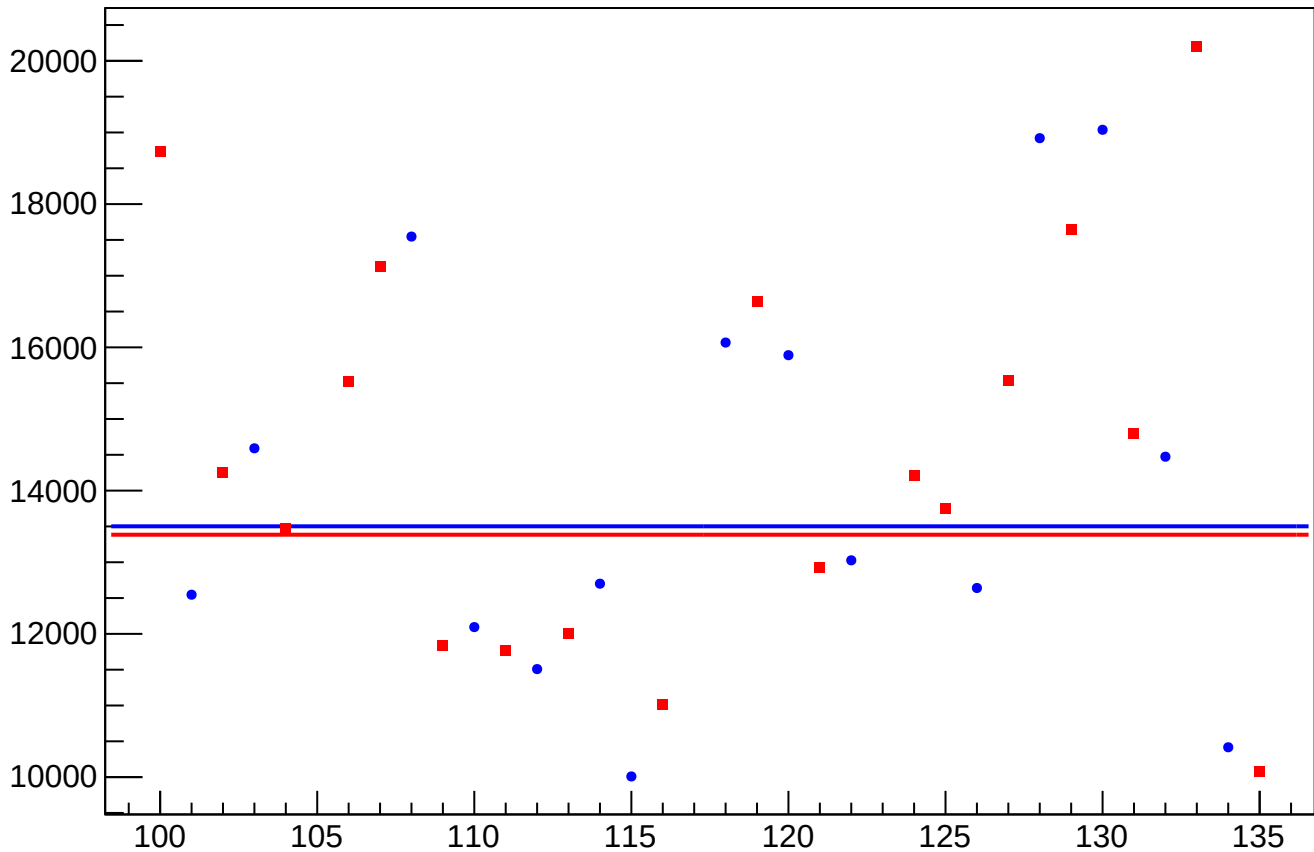
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.969+/-3.718 χ^2/NDF : 32.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecX_rms vs Slug



Right In: 13501.662+/-3.876 χ^2/NDF : 413719.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13384.341+/-3.578 χ^2/NDF : 454875.6/17

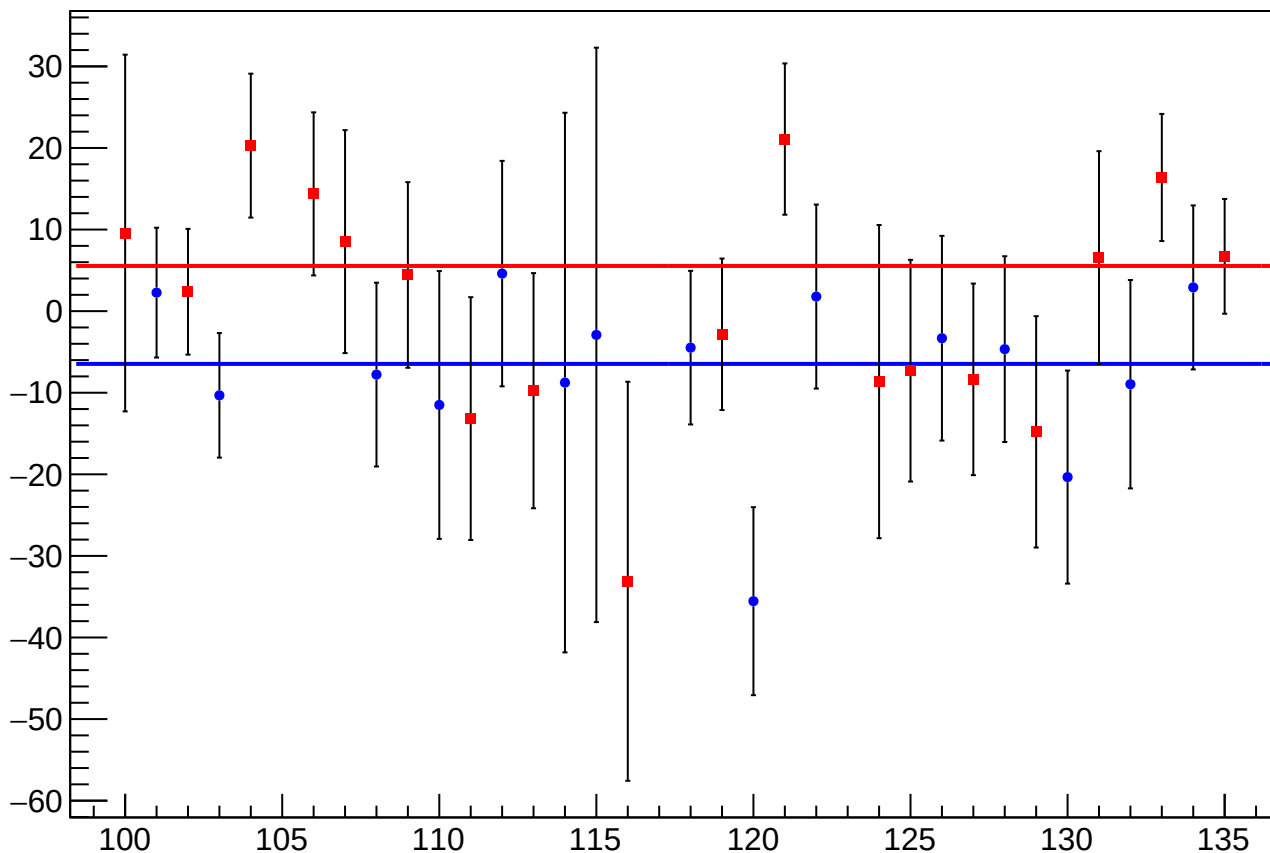
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13438.316+/-2.629 χ^2/NDF : 869090.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_mean vs Slug



Right In: -6.465+/-2.960 χ^2/NDF : 11.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.539+/-2.565 χ^2/NDF : 19.5/17

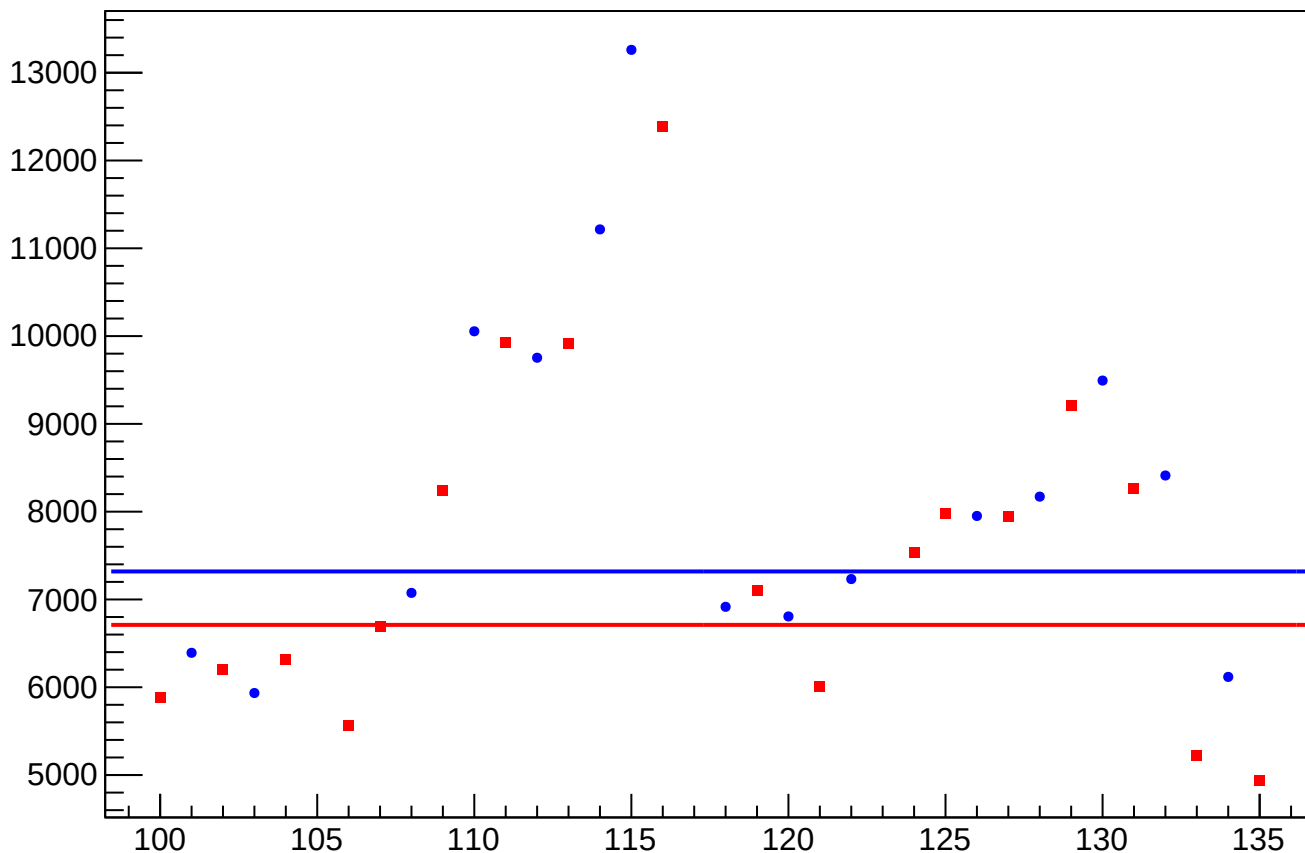
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.391+/-1.938 χ^2/NDF : 40.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm4ecY_rms vs Slug



Right In: 7318.992+/-2.093 χ^2/NDF : 419011.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

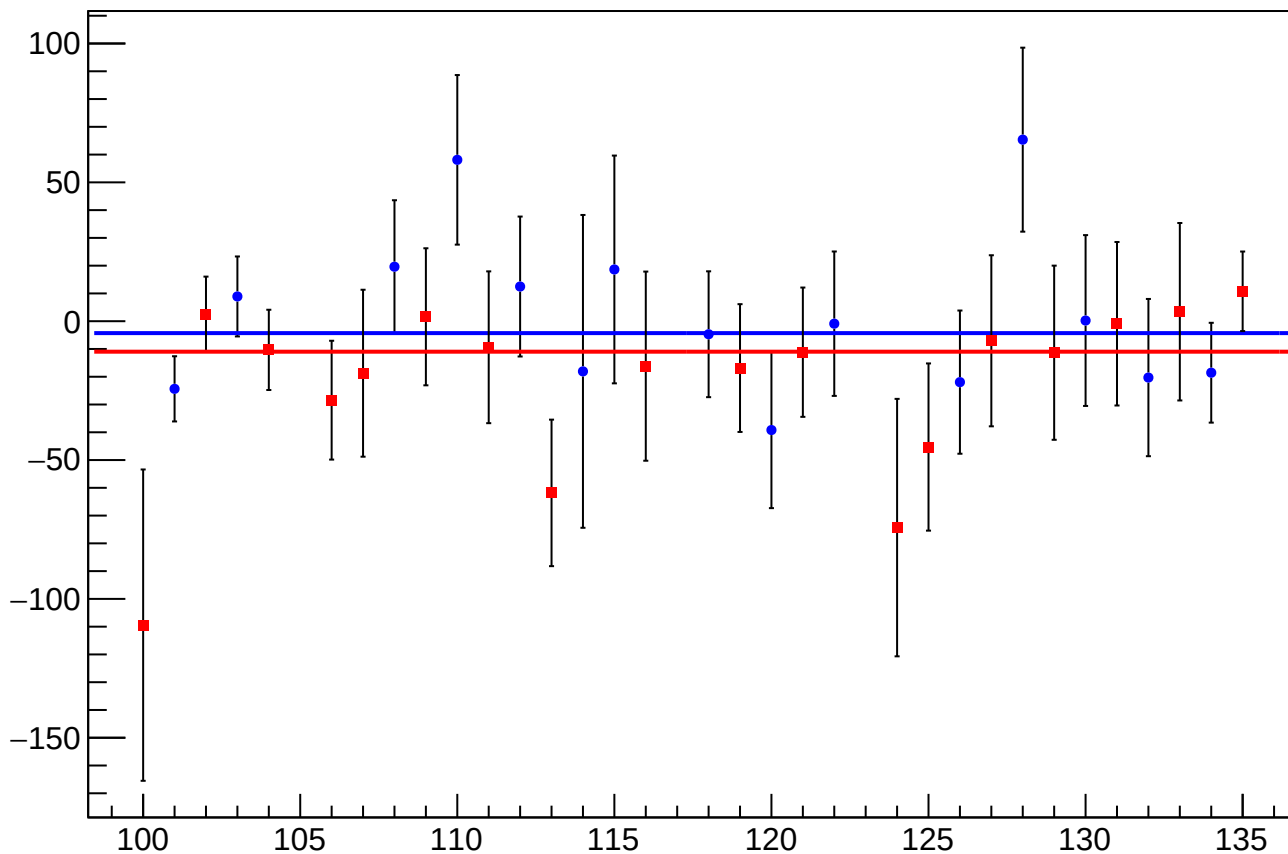
Right Out: 6710.349+/-1.813 χ^2/NDF : 726303.6/17

All: 6971.377+/-1.370 χ^2/NDF : 1193625.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1X_mean vs Slug



Right In: -4.288+/-5.784 χ^2 /NDF: 17.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -10.979+/-5.464 χ^2 /NDF: 14.7/17

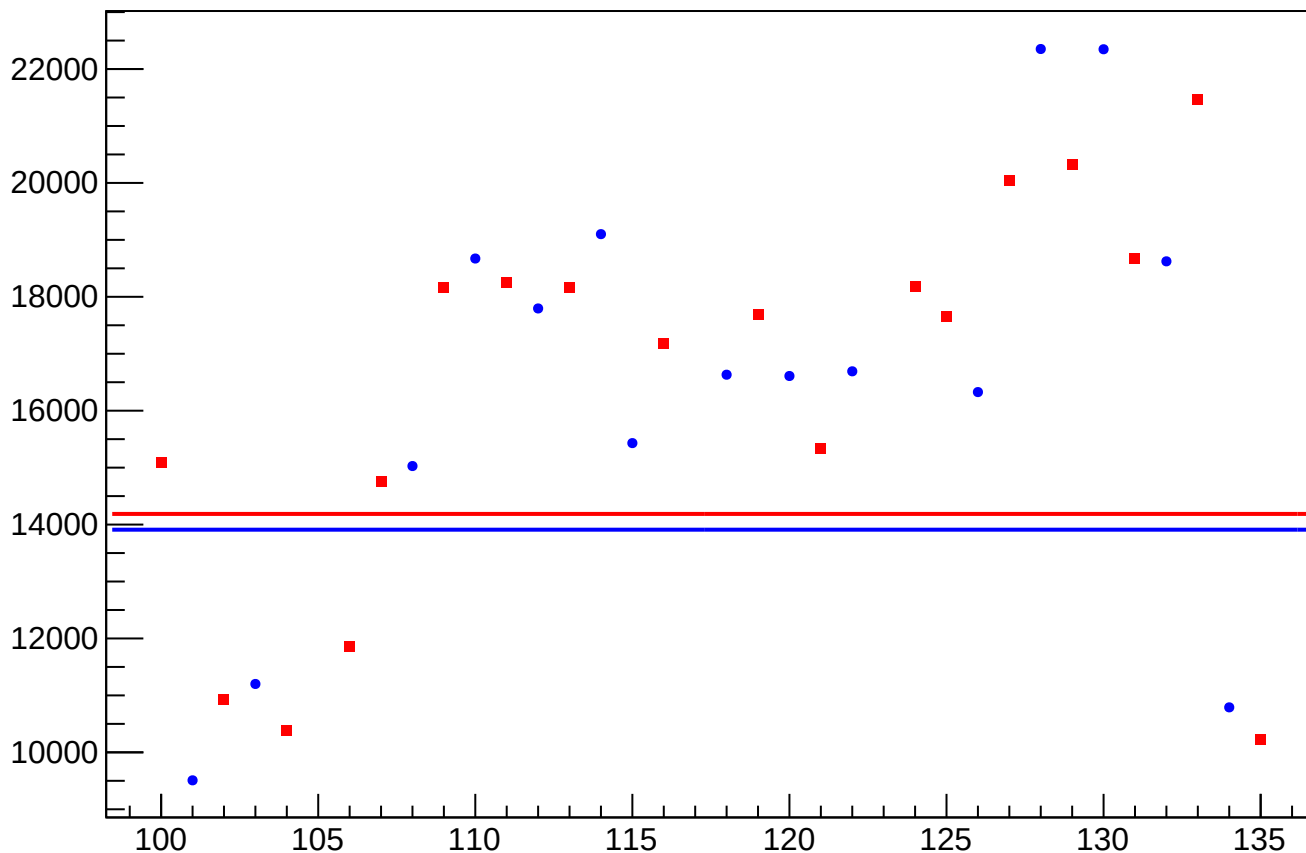
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -7.824+/-3.972 χ^2 /NDF: 32.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1X_rms vs Slug



Right In: 13910.269+/-4.090 χ^2/NDF : 956052.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

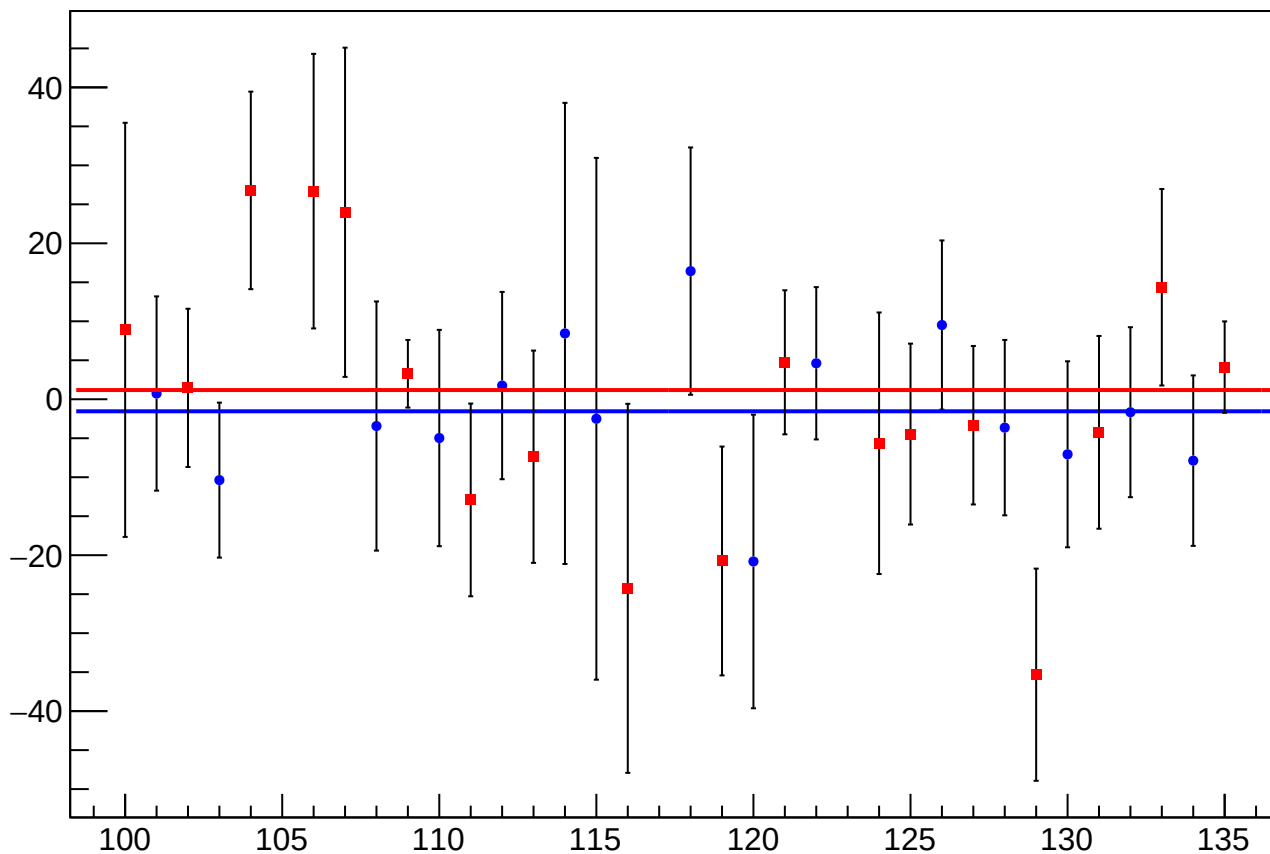
Right Out: 14187.106+/-3.864 χ^2/NDF : 980911.4/17

All: 14056.555+/-2.809 χ^2/NDF : 1939384.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1Y_mean vs Slug



Right In: -1.544 ± 3.294 $\chi^2/\text{NDF}: 5.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 1.181 ± 2.397 $\chi^2/\text{NDF}: 22.2/17$

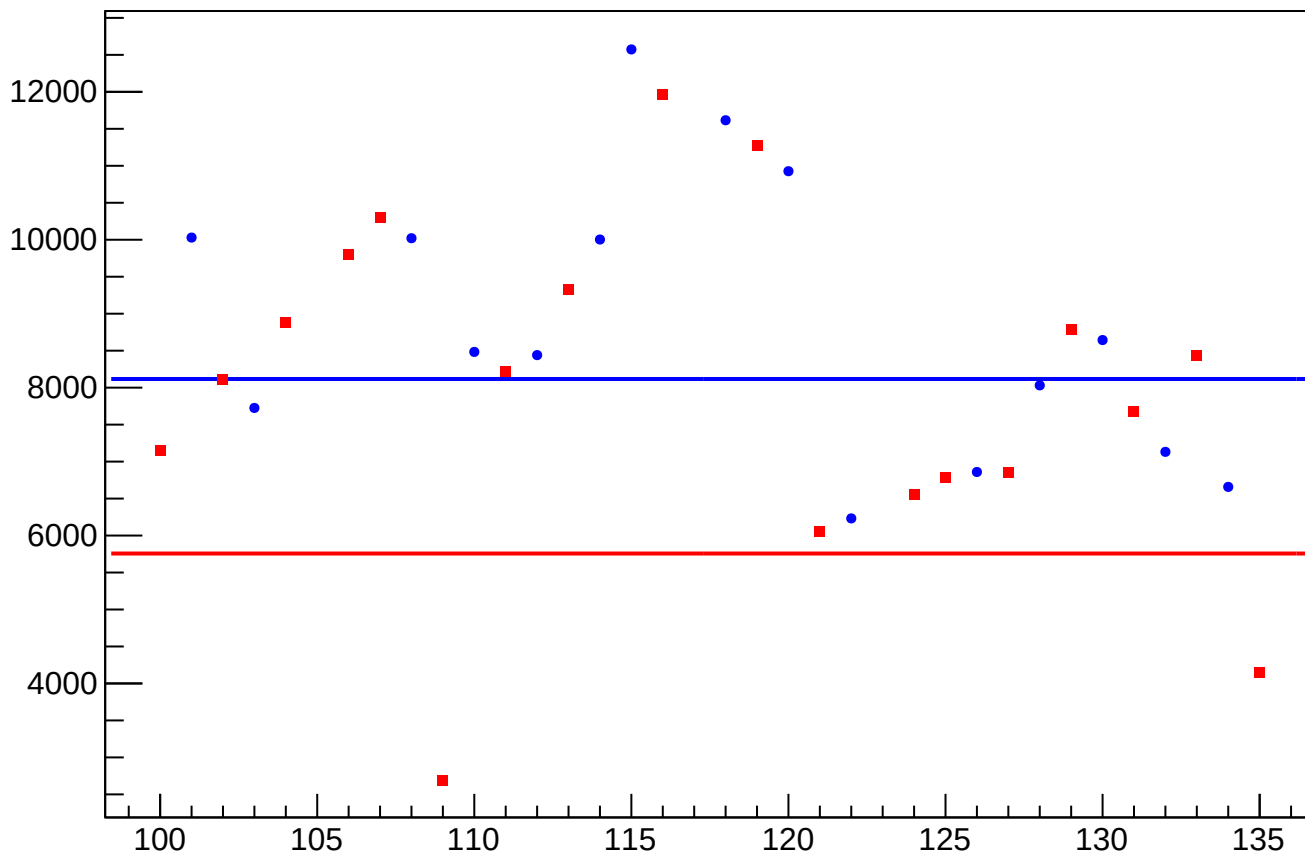
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.238 ± 1.938 $\chi^2/\text{NDF}: 28.1/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm1Y_rms vs Slug



Right In: 8117.073 $\pm$ 2.330 χ^2 /NDF: 424279.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

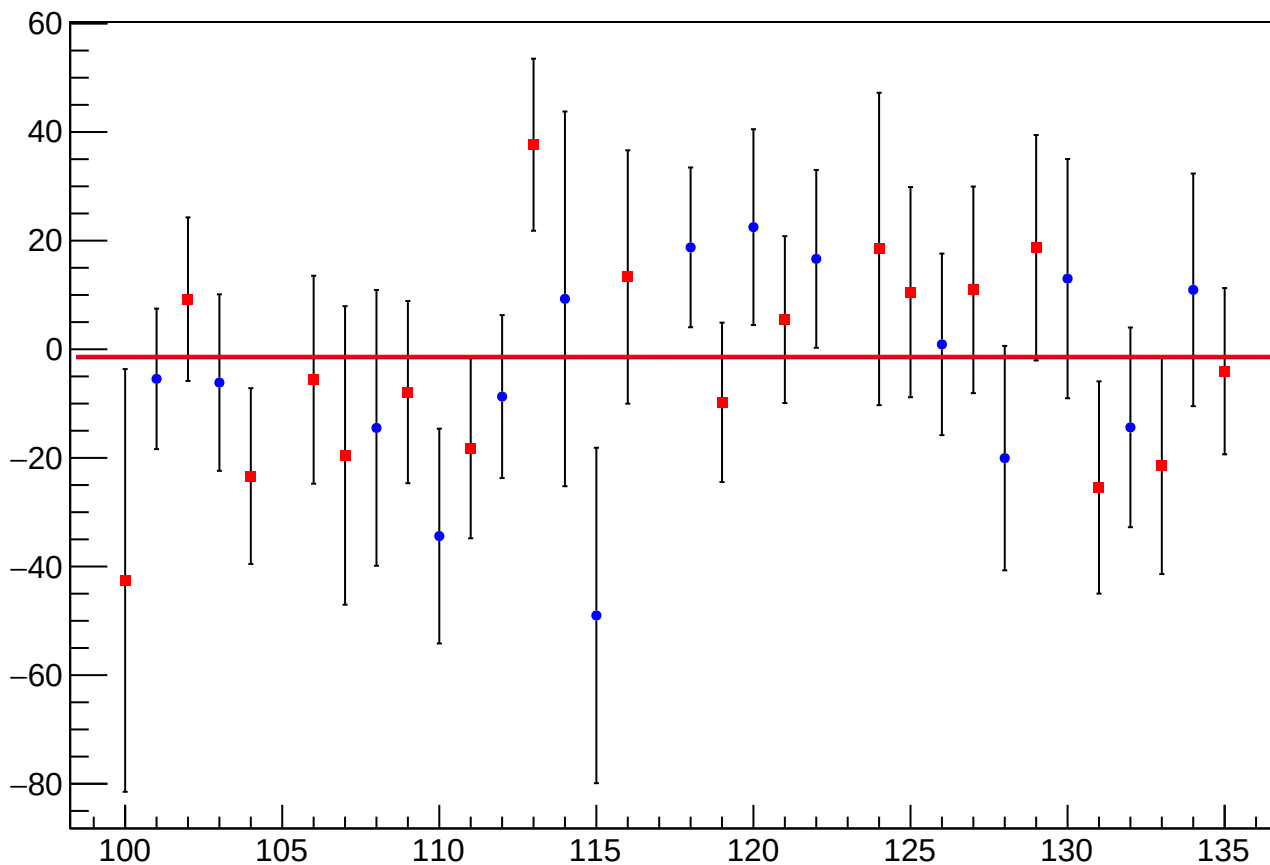
Right Out: 5757.057 $\pm$ 1.695 χ^2 /NDF: 2506385.2/17

All: 6573.746 $\pm$ 1.370 χ^2 /NDF: 3601840.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm11X_mean vs Slug



Right In: -1.476 ± 4.727 χ^2/NDF : 12.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.375 ± 4.336 χ^2/NDF : 16.9/17

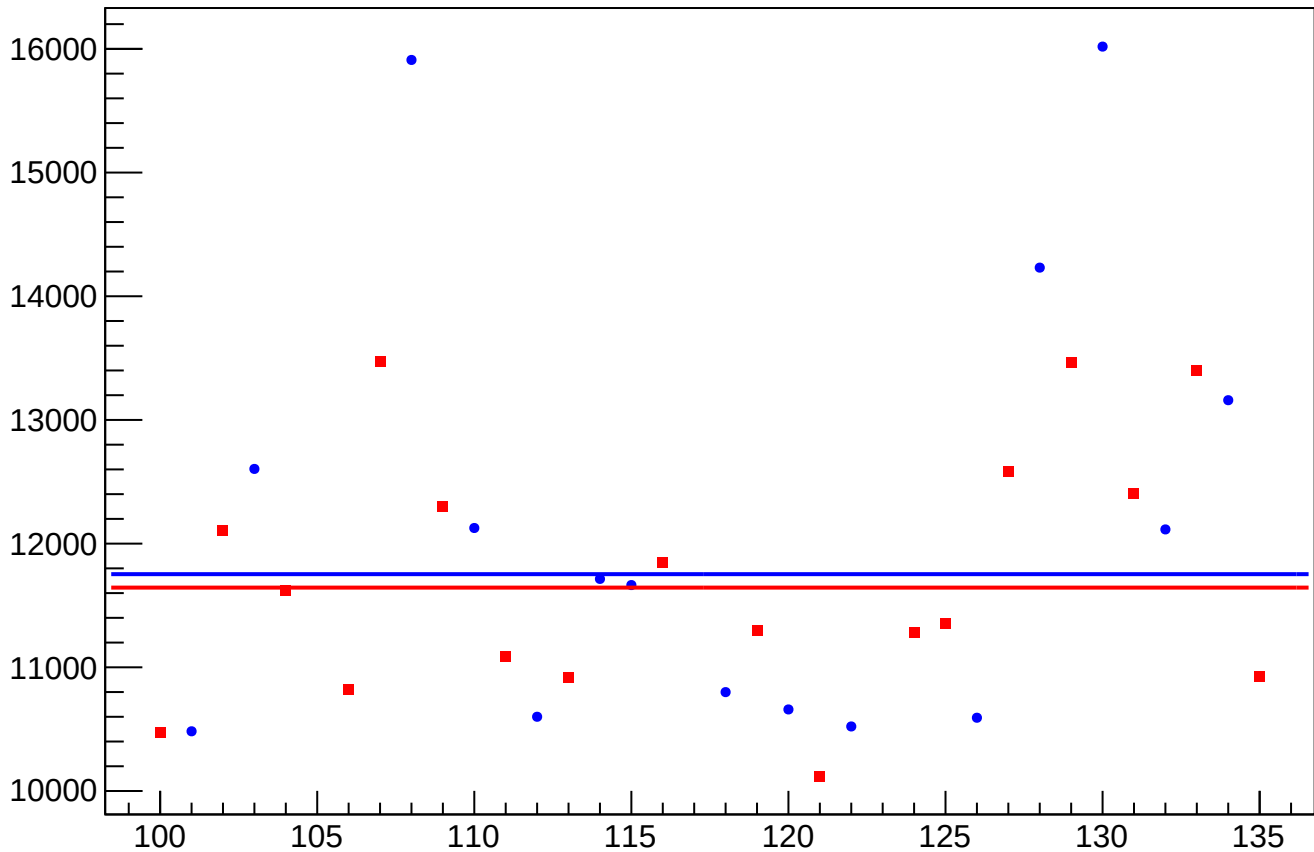
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.421 ± 3.195 χ^2/NDF : 29.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11X_rms vs Slug



Right In: 11753.146+/-3.342 χ^2/NDF : 240867.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11644.452+/-3.066 χ^2/NDF : 90598.5/17

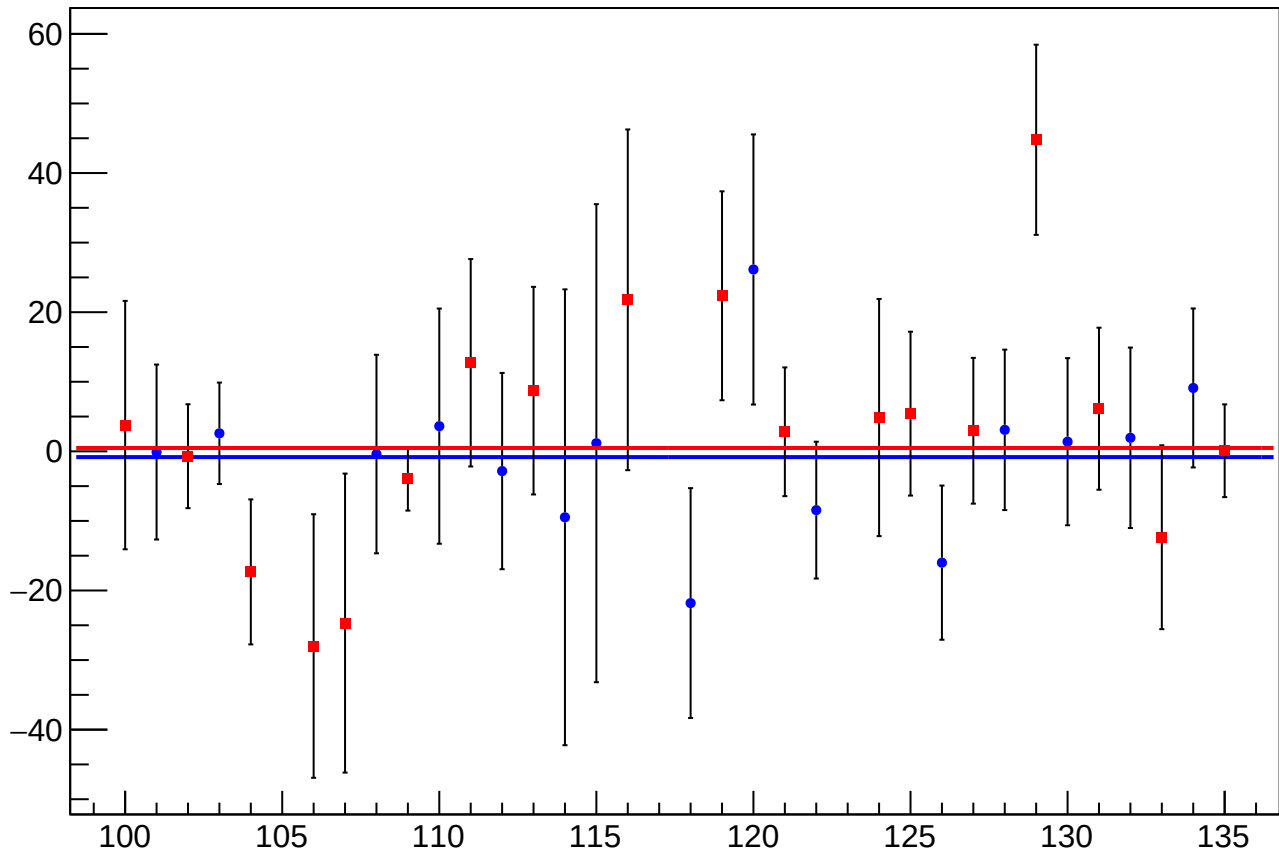
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11694.121+/-2.259 χ^2/NDF : 332040.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_mean vs Slug



Right In: -0.829 ± 3.275 χ^2/NDF : 7.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.483 ± 2.420 χ^2/NDF : 23.5/17

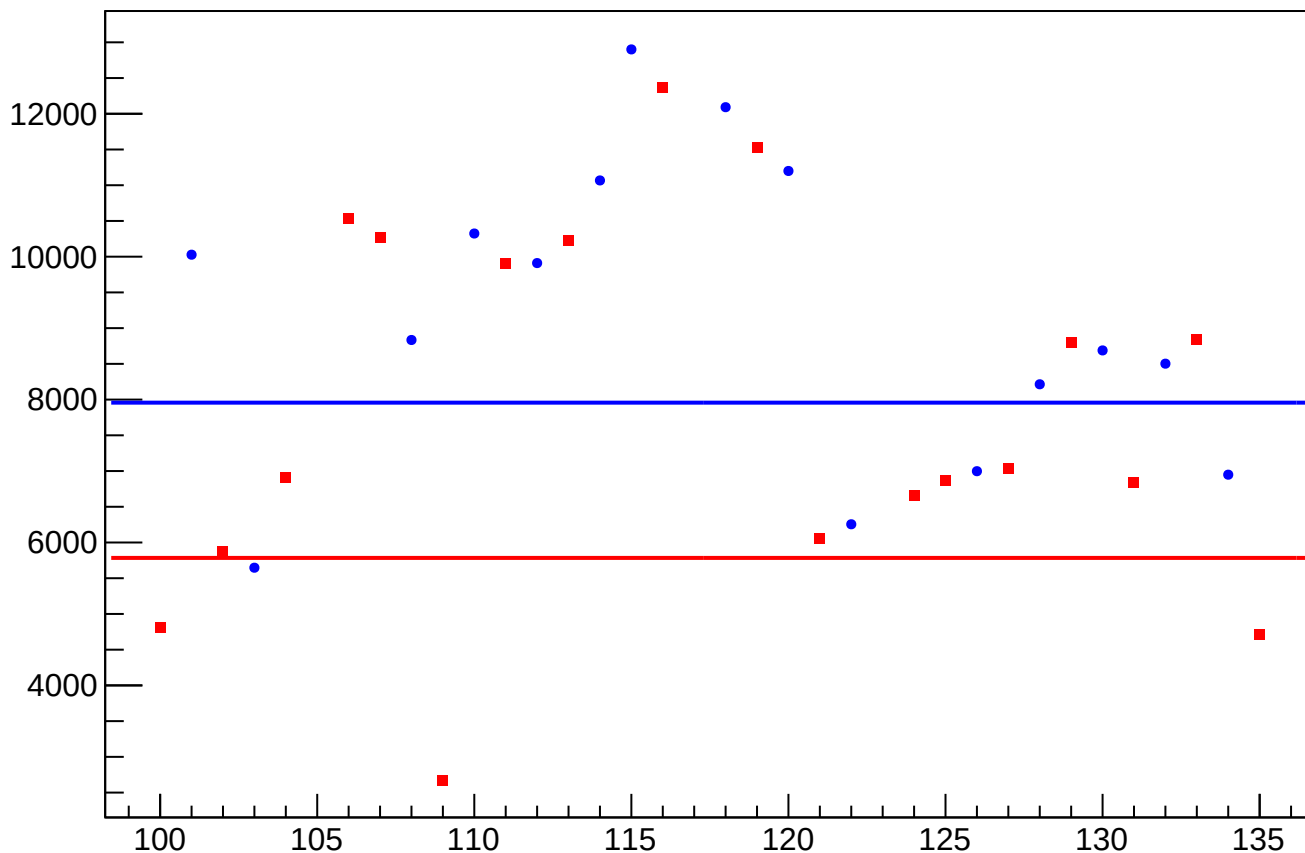
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.020 ± 1.947 χ^2/NDF : 30.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm11Y_rms vs Slug



Right In: 7957.160+/-2.316 χ^2/NDF : 683076.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

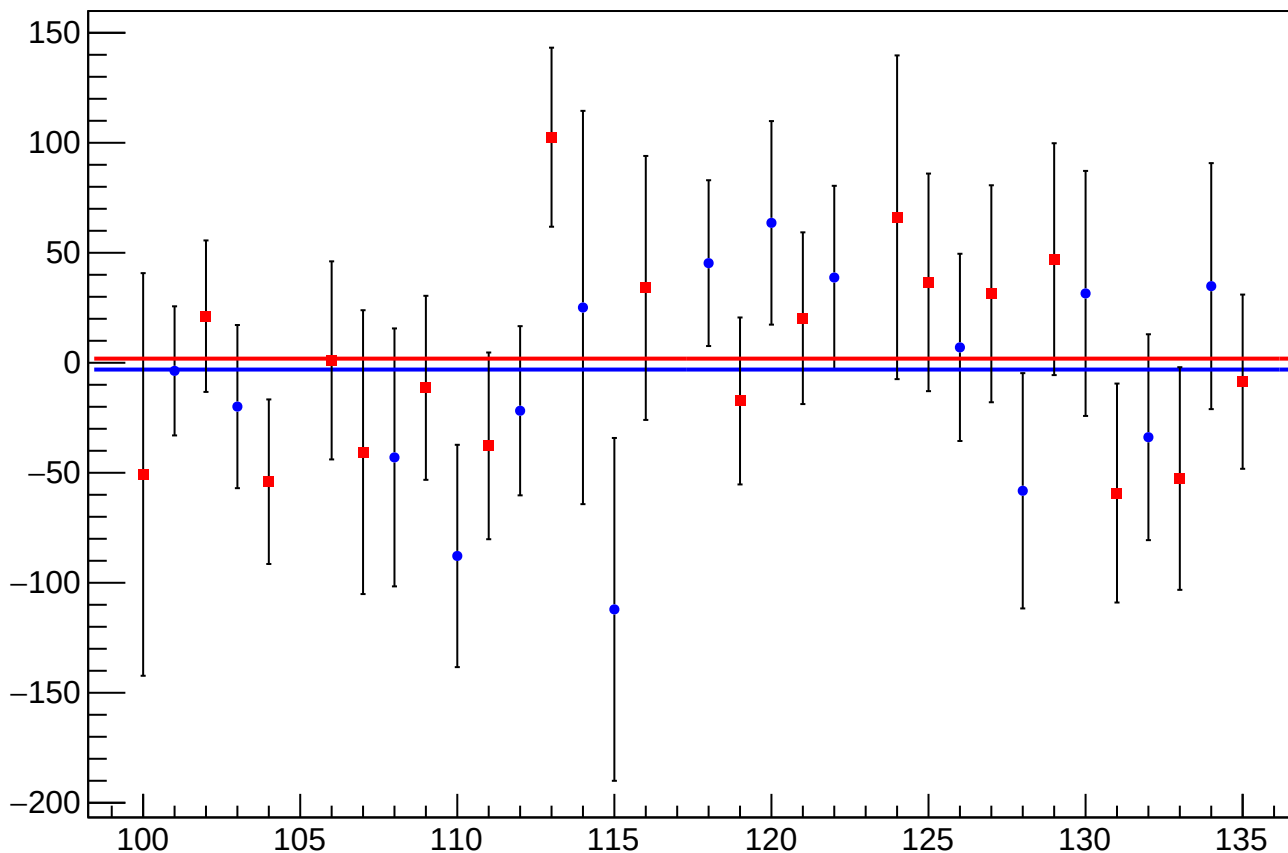
Right Out: 5784.282+/-1.712 χ^2/NDF : 2267283.9/17

All: 6551.787+/-1.376 χ^2/NDF : 3519677.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_mean vs Slug



Right In: -3.079+/-11.716 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.890+/-10.803 χ^2/NDF : 16.3/17

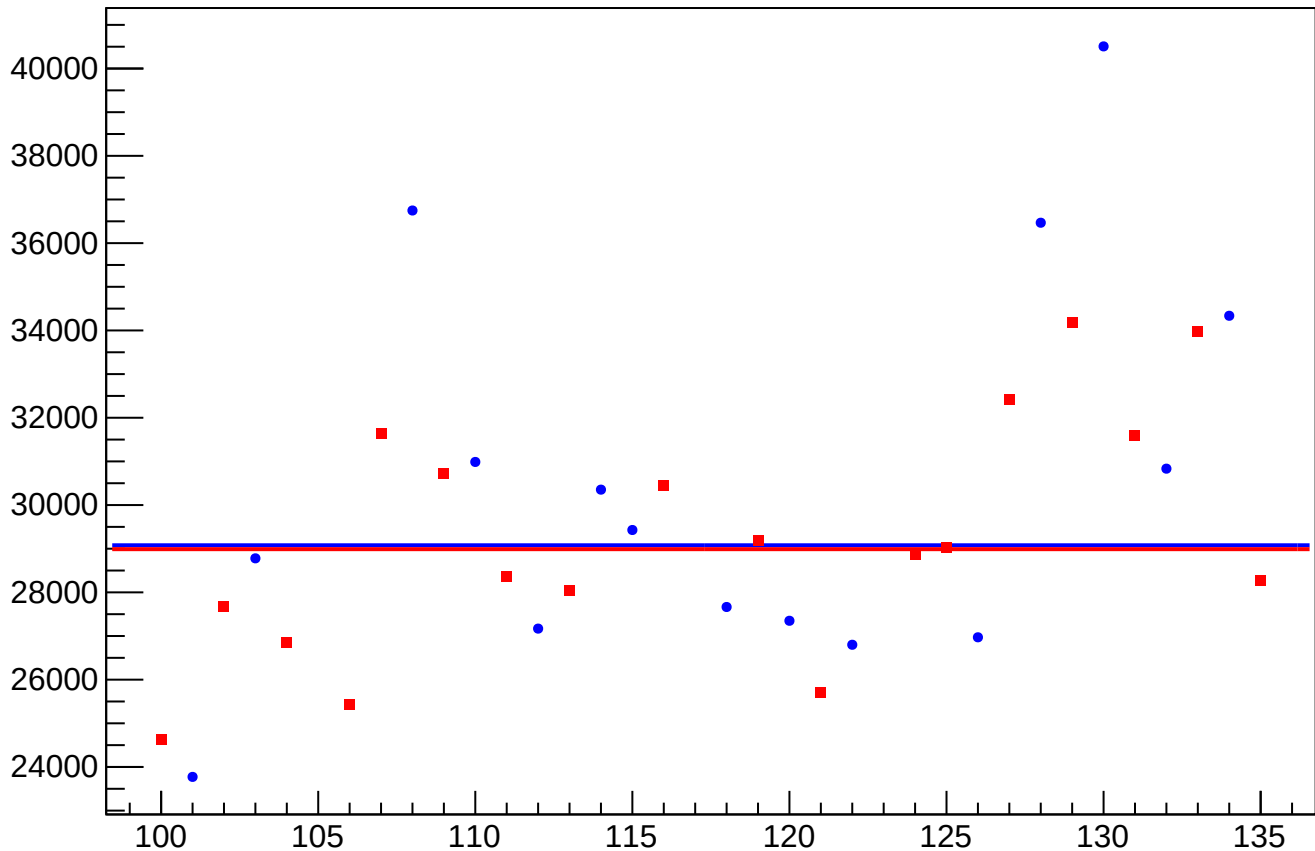
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.393+/-7.942 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm12X_rms vs Slug



Right In: 29078.405 +/- 8.285 χ^2/NDF : 267366.1/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 28989.506 +/- 7.639 χ^2/NDF : 104765.1/17

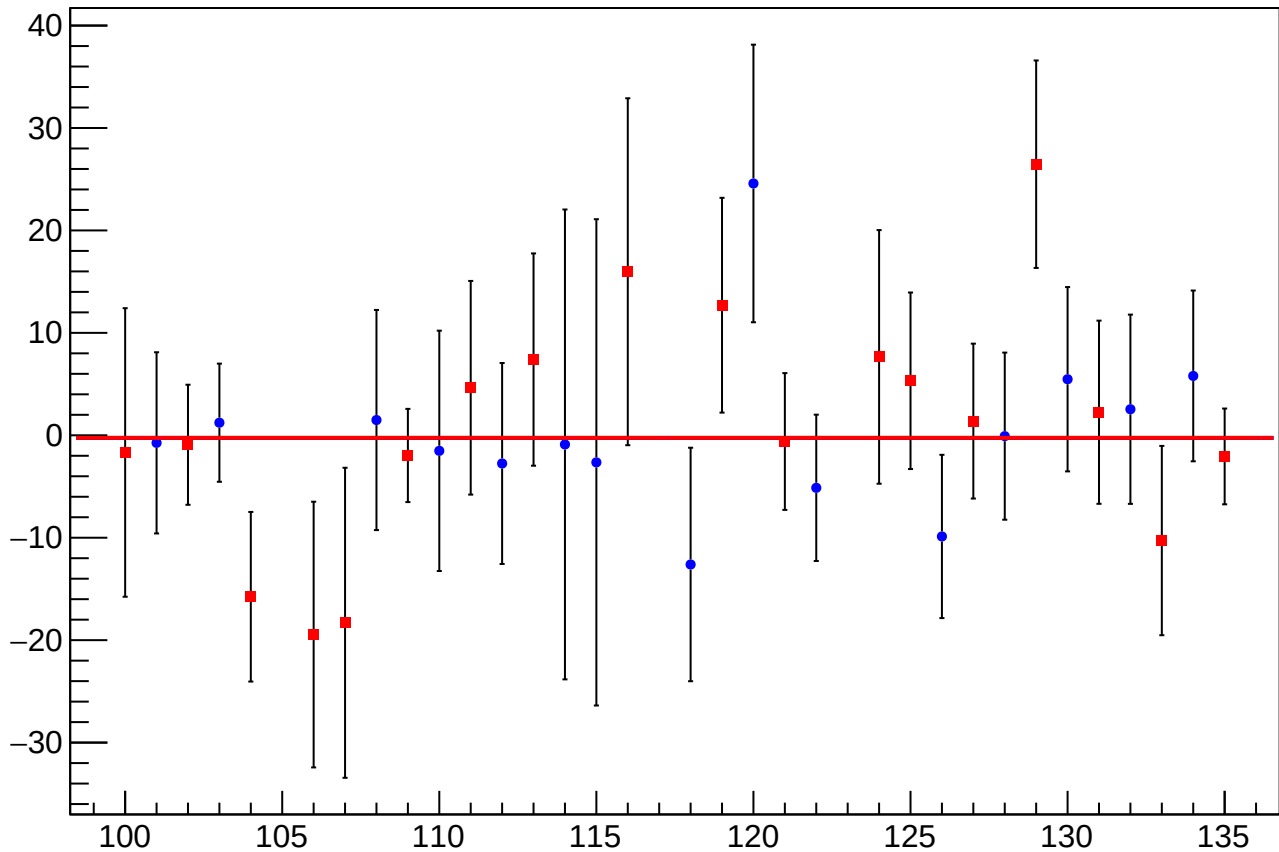
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 29030.357 +/- 5.616 χ^2/NDF : 372193.4/32

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

diff_bpm12Y_mean vs Slug



Right In: -0.259 ± 2.392 $\chi^2/\text{NDF}: 7.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.250 ± 1.896 $\chi^2/\text{NDF}: 19.7/17$

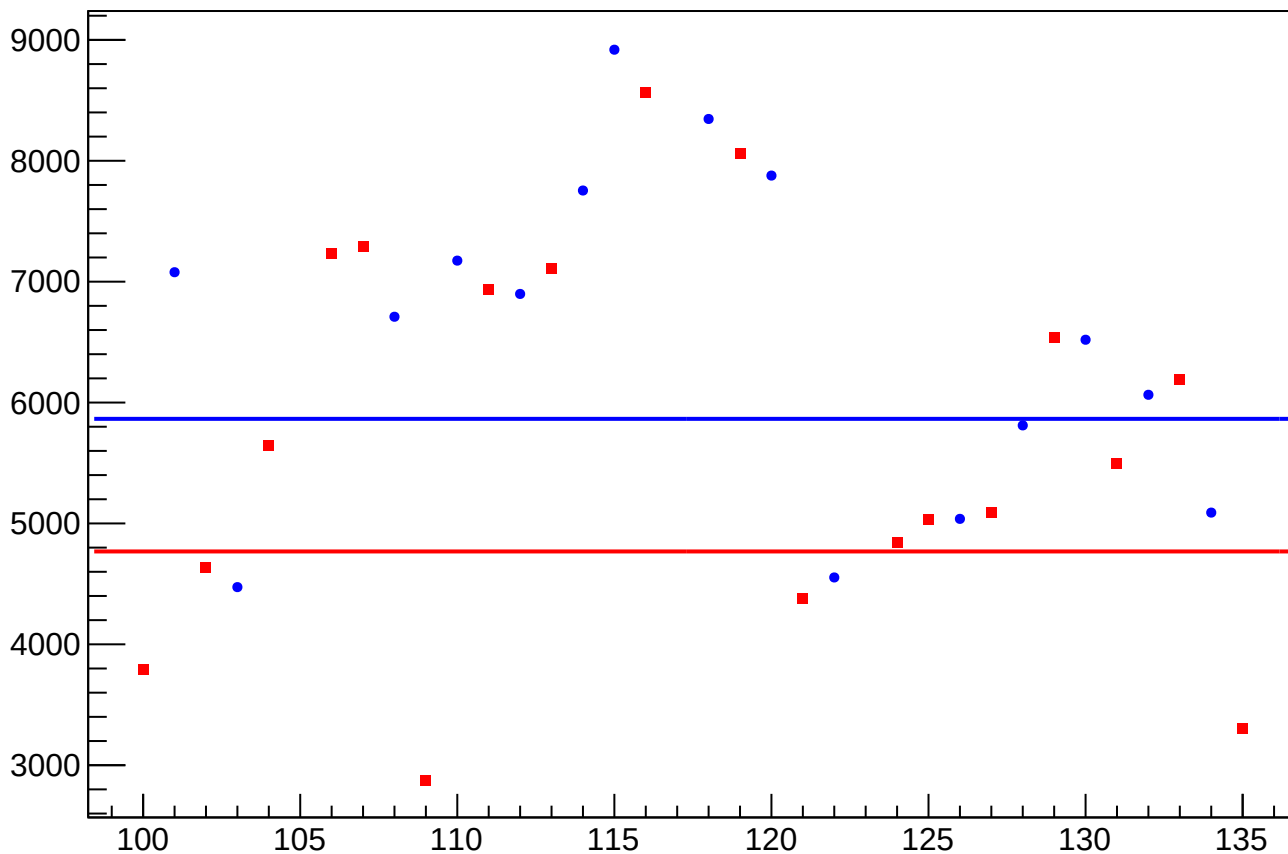
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.254 ± 1.486 $\chi^2/\text{NDF}: 27.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm12Y_rms vs Slug



Right In: 5865.197+/-1.691 χ^2 /NDF: 517033.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 4768.268+/-1.341 χ^2 /NDF: 1323660.2/17

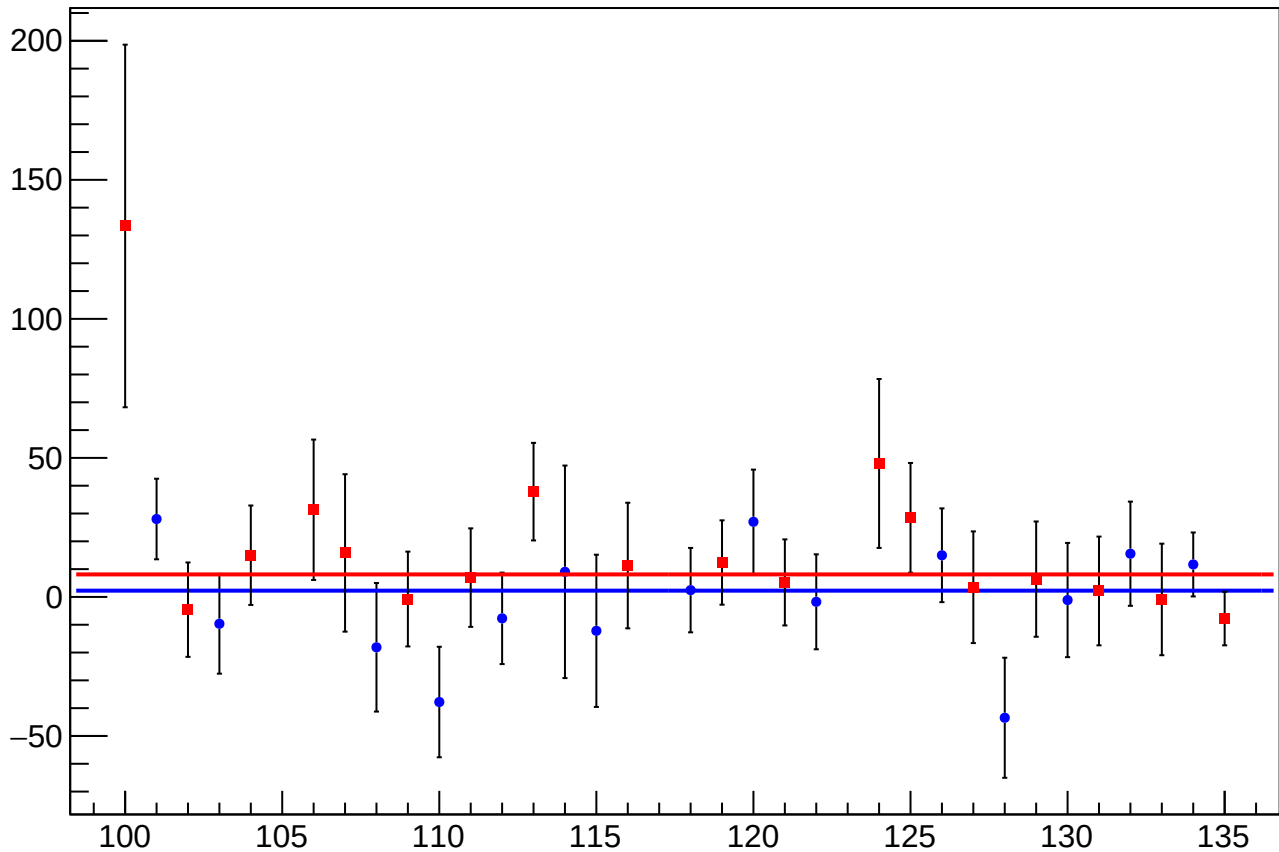
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5191.672+/-1.051 χ^2 /NDF: 2099004.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm16X_mean vs Slug



Right In: 2.256 $\pm$ 4.611 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.099 $\pm$ 4.290 χ^2 /NDF: 14.5/17

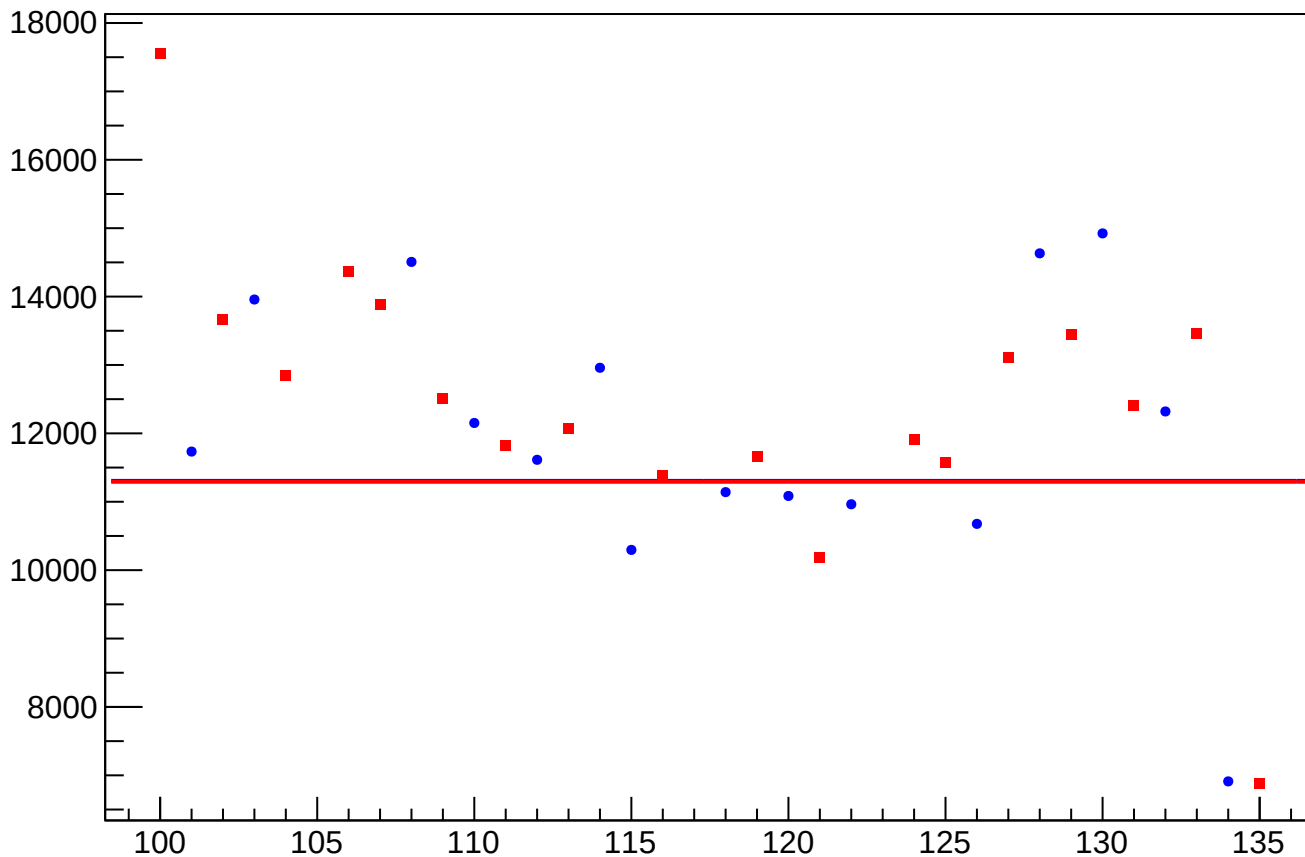
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.388 $\pm$ 3.141 χ^2 /NDF: 32.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm16X_rms vs Slug



Right In: 11304.791+/-3.260 χ^2/NDF : 506097.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11292.264+/-3.034 χ^2/NDF : 633658.9/17

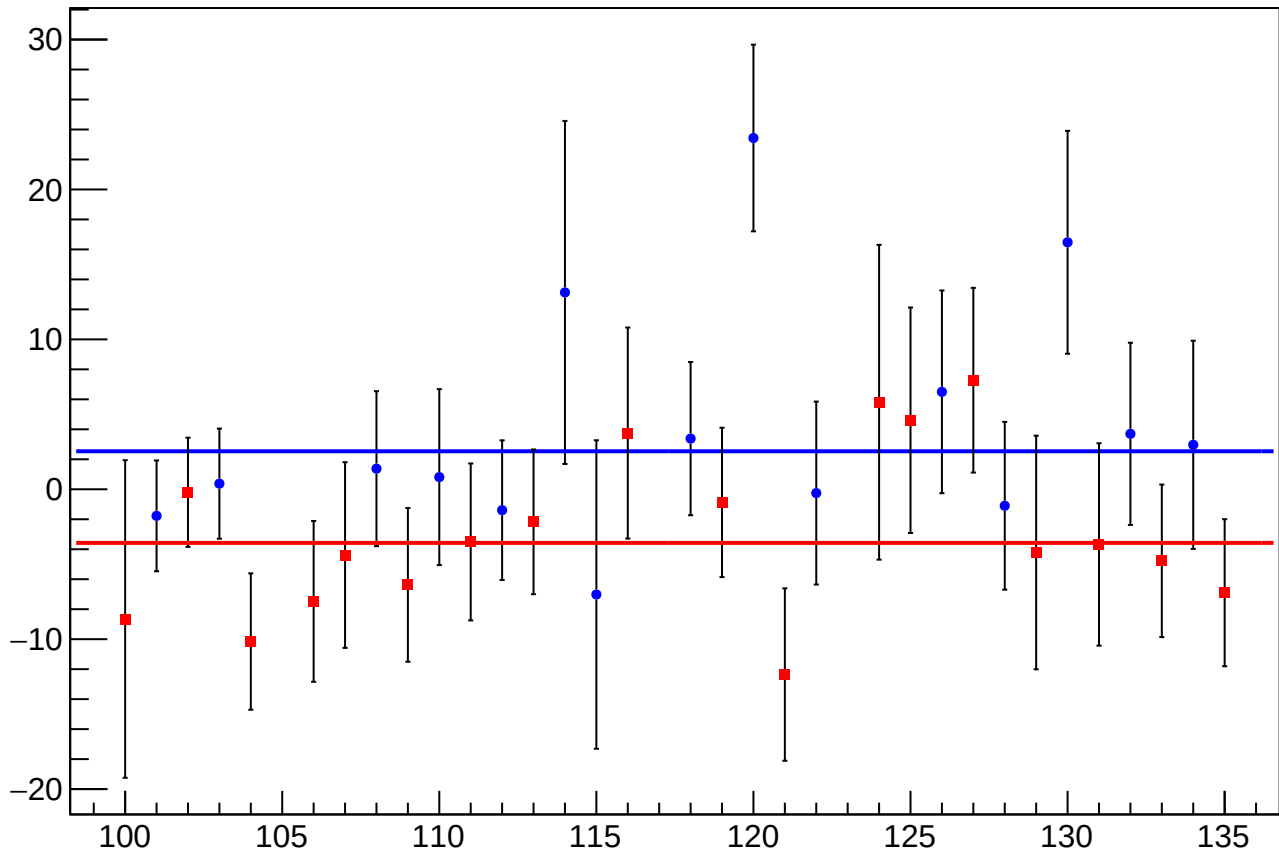
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11298.077+/-2.221 χ^2/NDF : 1139764.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_mean vs Slug



Right In: 2.536+/-1.432 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.576+/-1.321 χ^2/NDF : 13.4/17

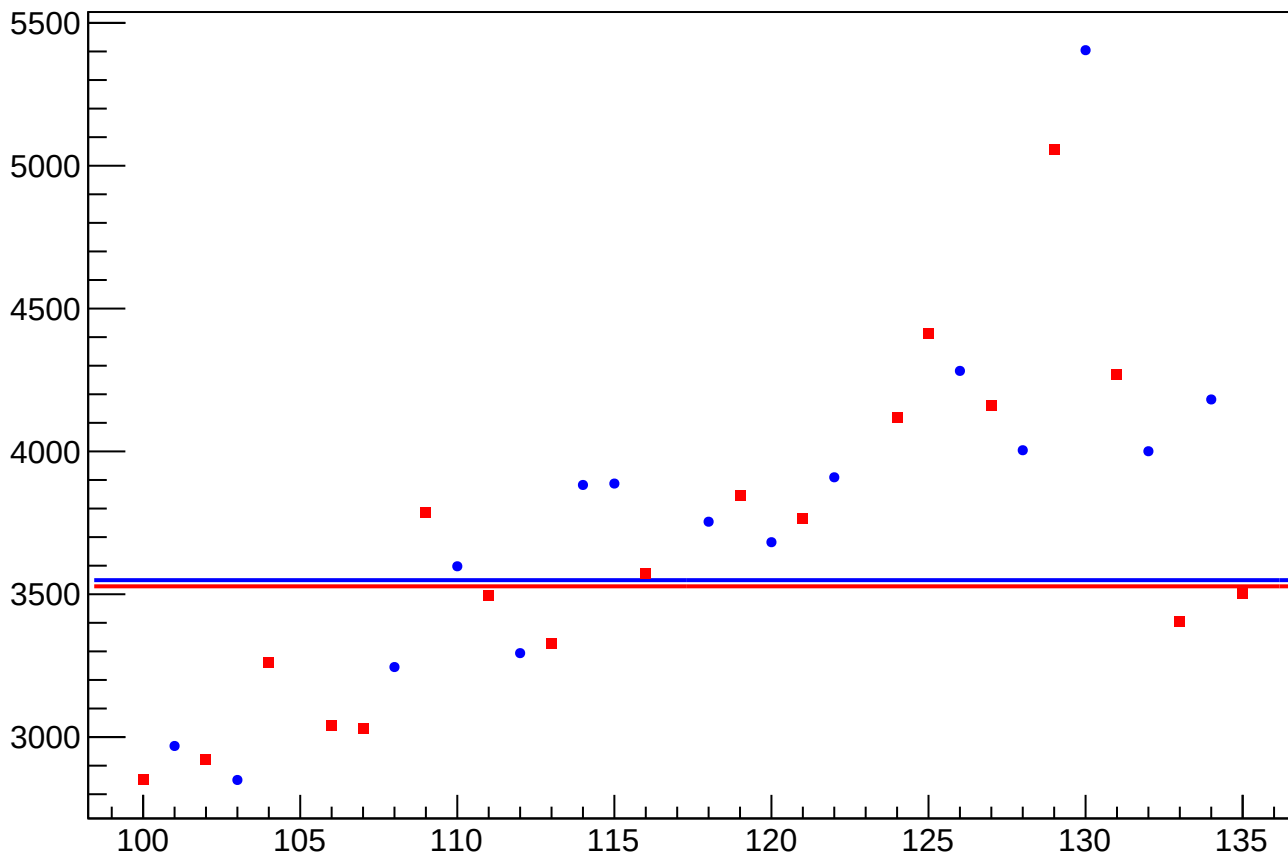
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.767+/-0.971 χ^2/NDF : 43.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm16Y_rms vs Slug



Right In: 3549.332+/-1.013 χ^2/NDF : 338756.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

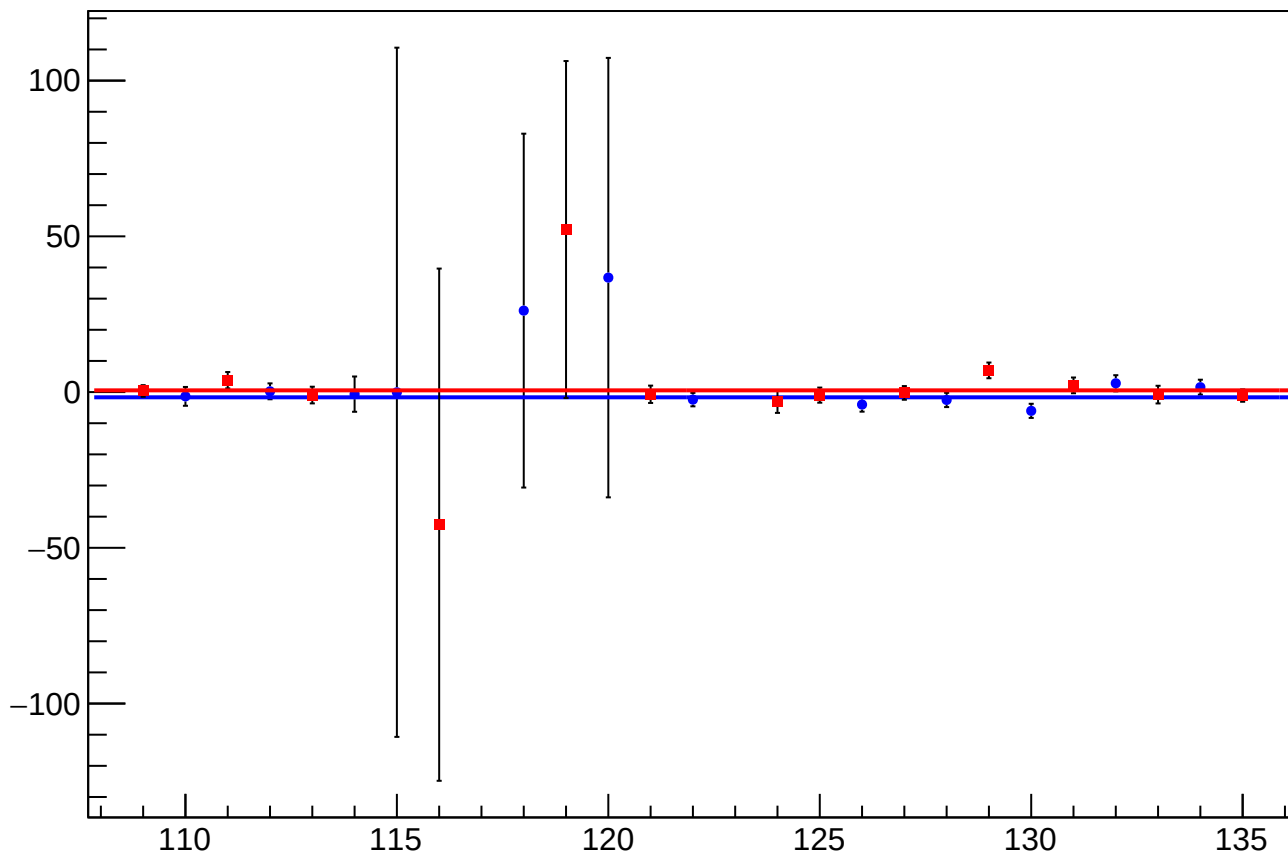
Right Out: 3527.727+/-0.934 χ^2/NDF : 277779.6/17

All: 3537.658+/-0.687 χ^2/NDF : 616781.8/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bX_mean vs Slug



Right In: -1.678+/-0.843 χ^2 /NDF: 11.0/11

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.555+/-0.736 χ^2 /NDF: 12.6/12

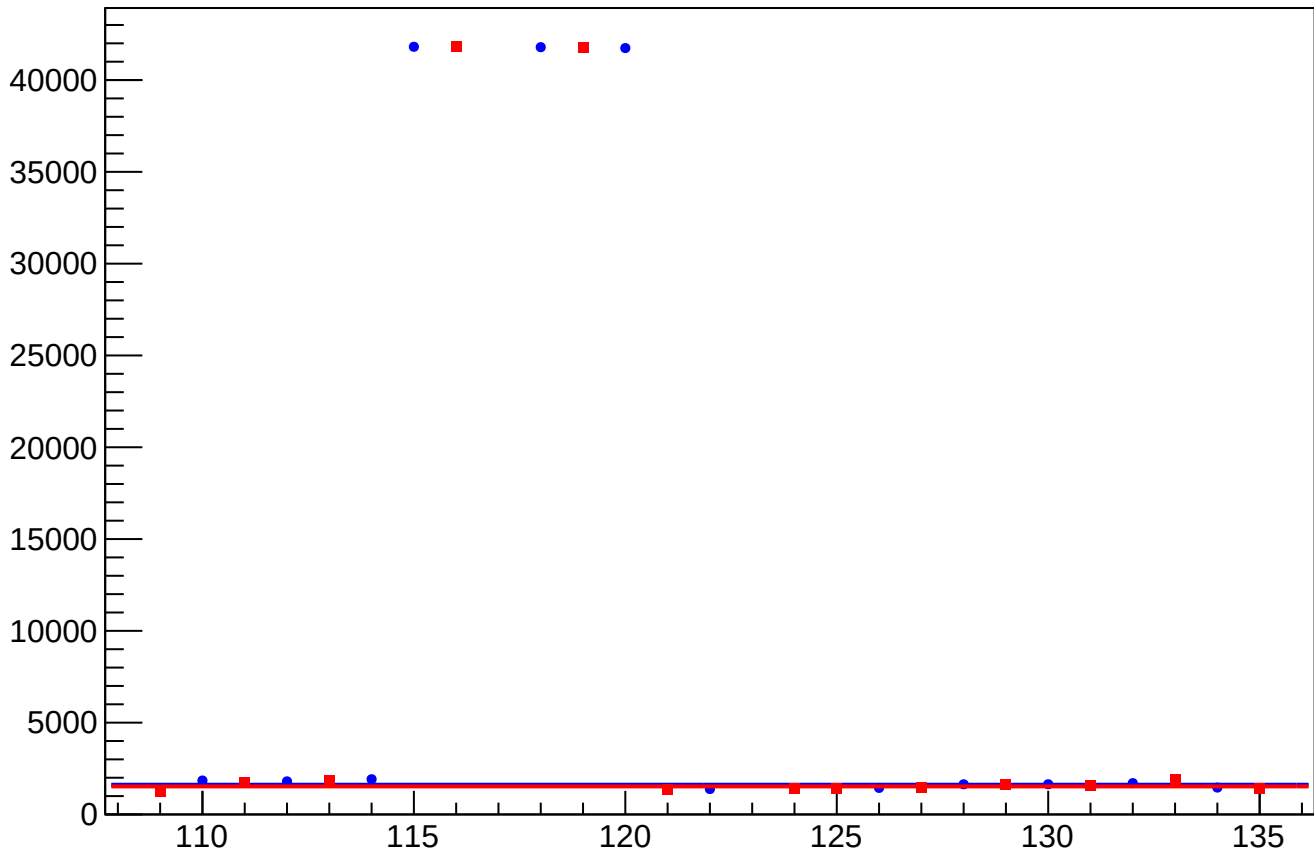
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.410+/-0.554 χ^2 /NDF: 27.6/24

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bX_rms vs Slug



Right In: 1617.909+/-0.596 χ^2/NDF : 1983862.0/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

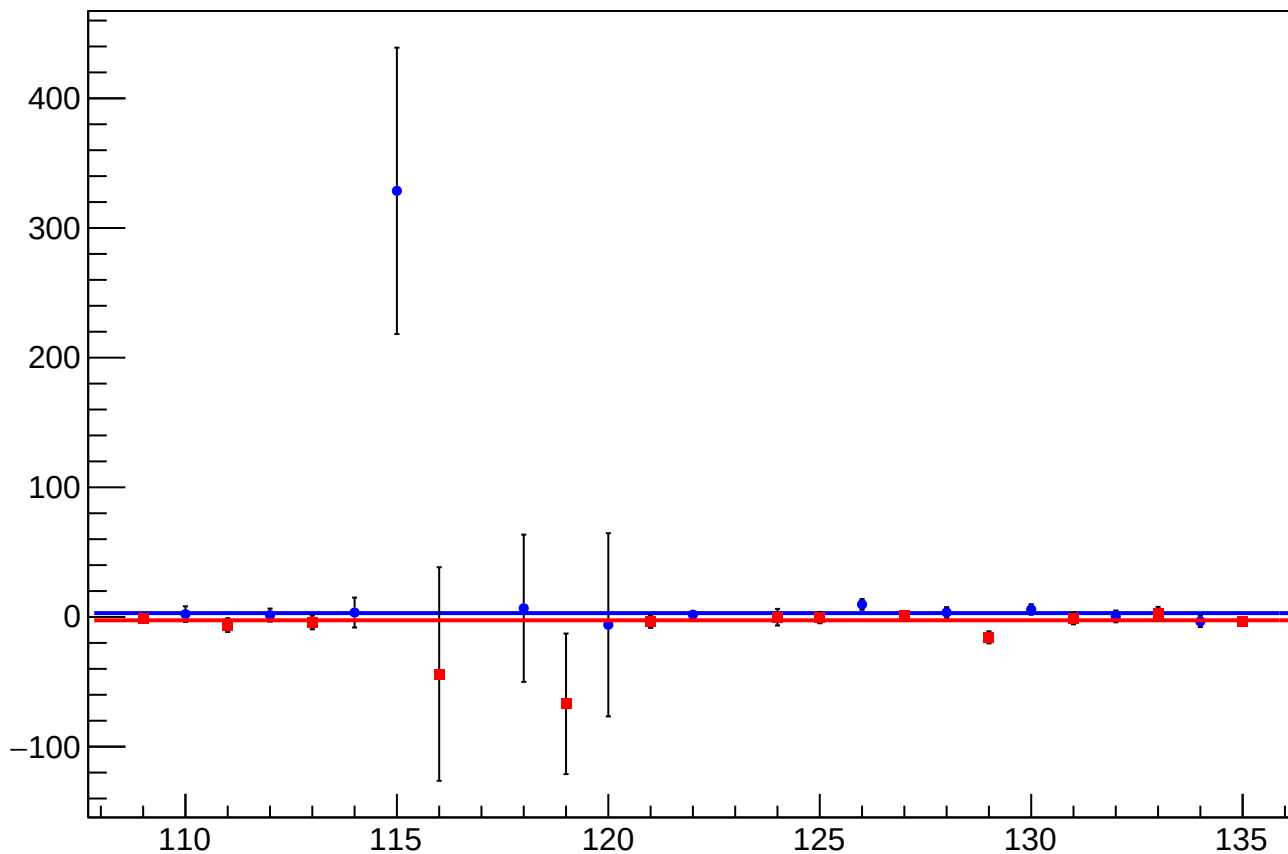
Right Out: 1527.608+/-0.520 χ^2/NDF : 1738507.3/12

All: 1566.652+/-0.392 χ^2/NDF : 3735401.5/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p02bY_mean vs Slug



Right In: 2.995 $\pm$ 1.538 χ^2 /NDF: 14.4/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.562 $\pm$ 1.255 χ^2 /NDF: 13.4/12

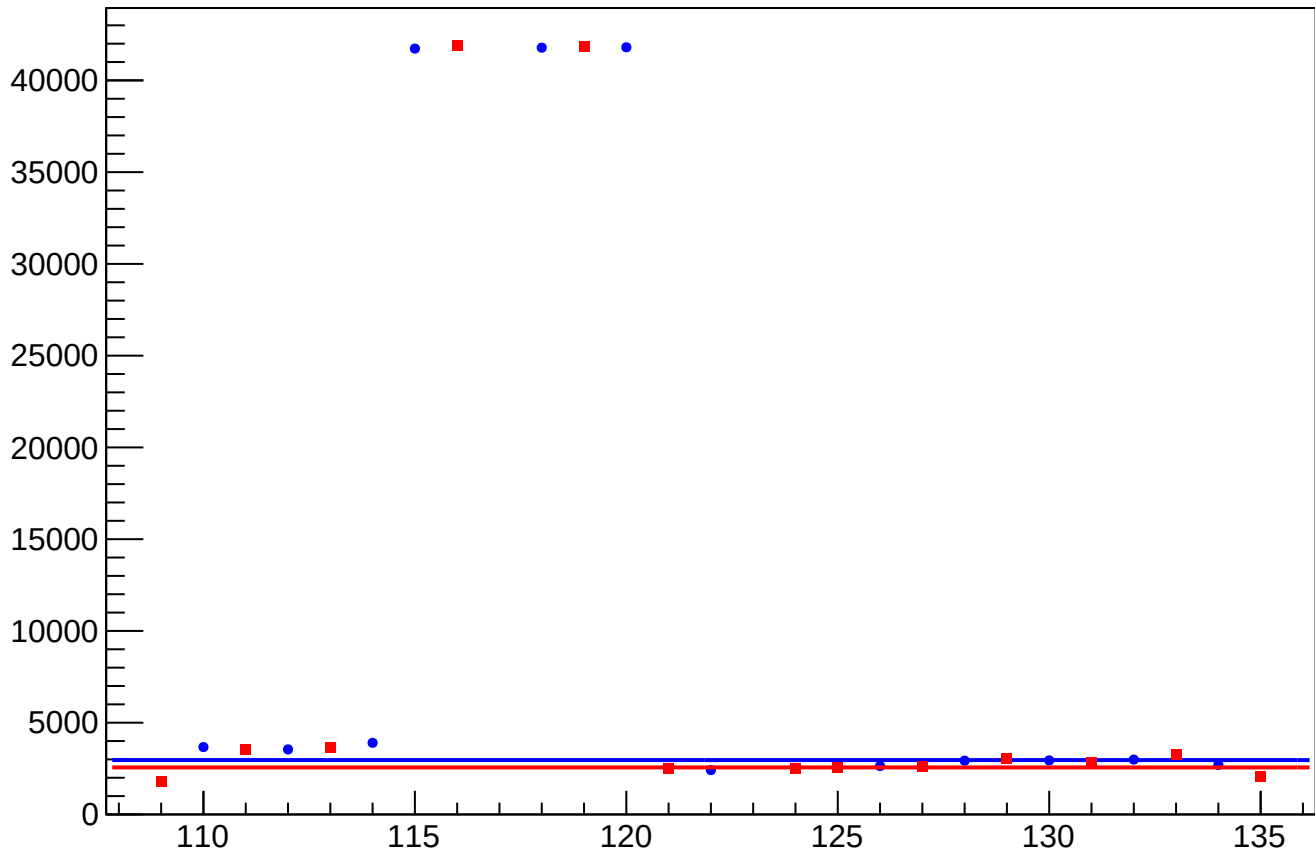
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.341 $\pm$ 0.972 χ^2 /NDF: 35.7/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p02bY_rms vs Slug



Right In: 2963.146+/-1.088 χ^2/NDF : 1914579.2/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2562.827+/-0.887 χ^2/NDF : 1928912.5/12

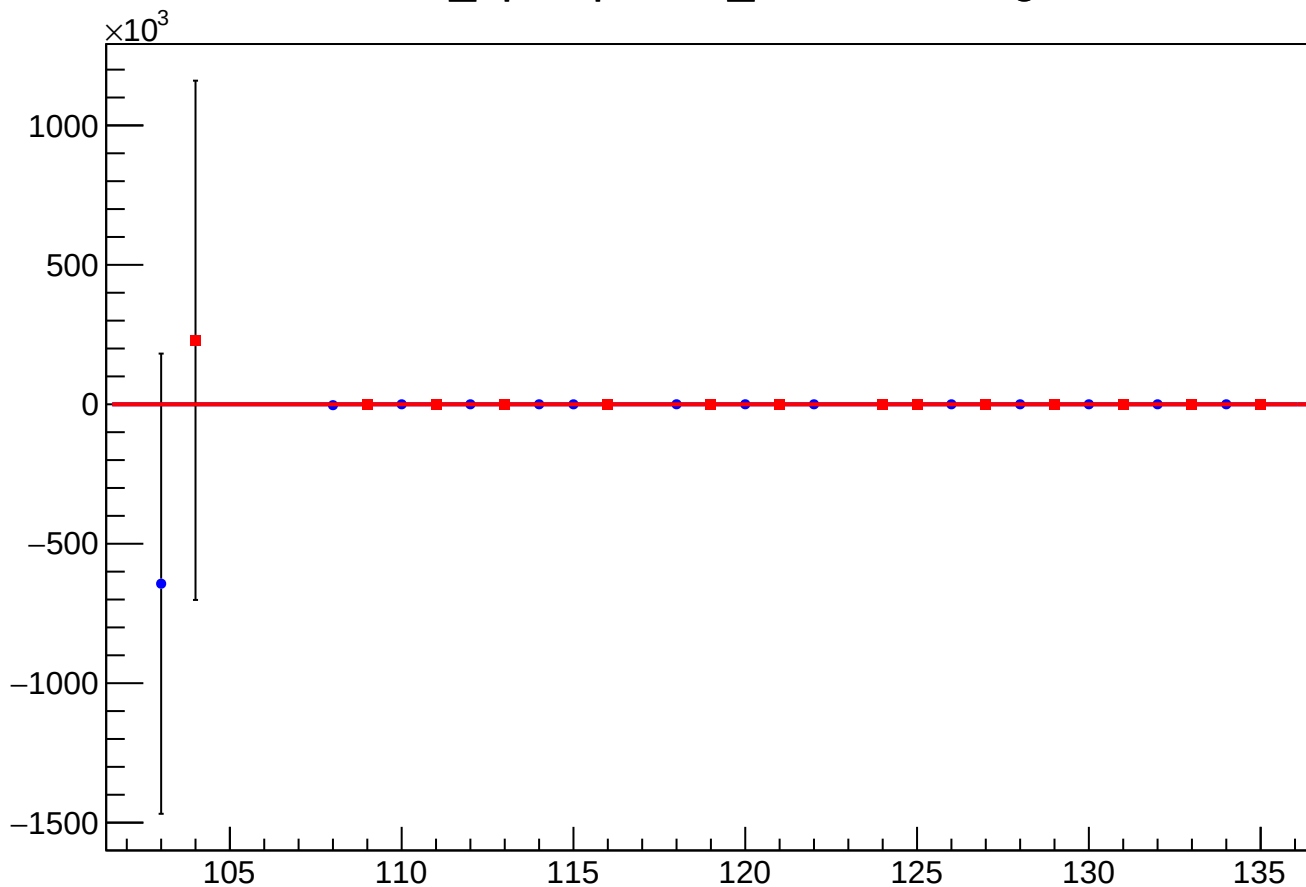
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2722.838+/-0.688 χ^2/NDF : 3924825.8/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aX_mean vs Slug



Right In: 0.159 $\pm$ 1.446 χ^2 /NDF: 16.5/13

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2.921 $\pm$ 1.288 χ^2 /NDF: 14.1/13

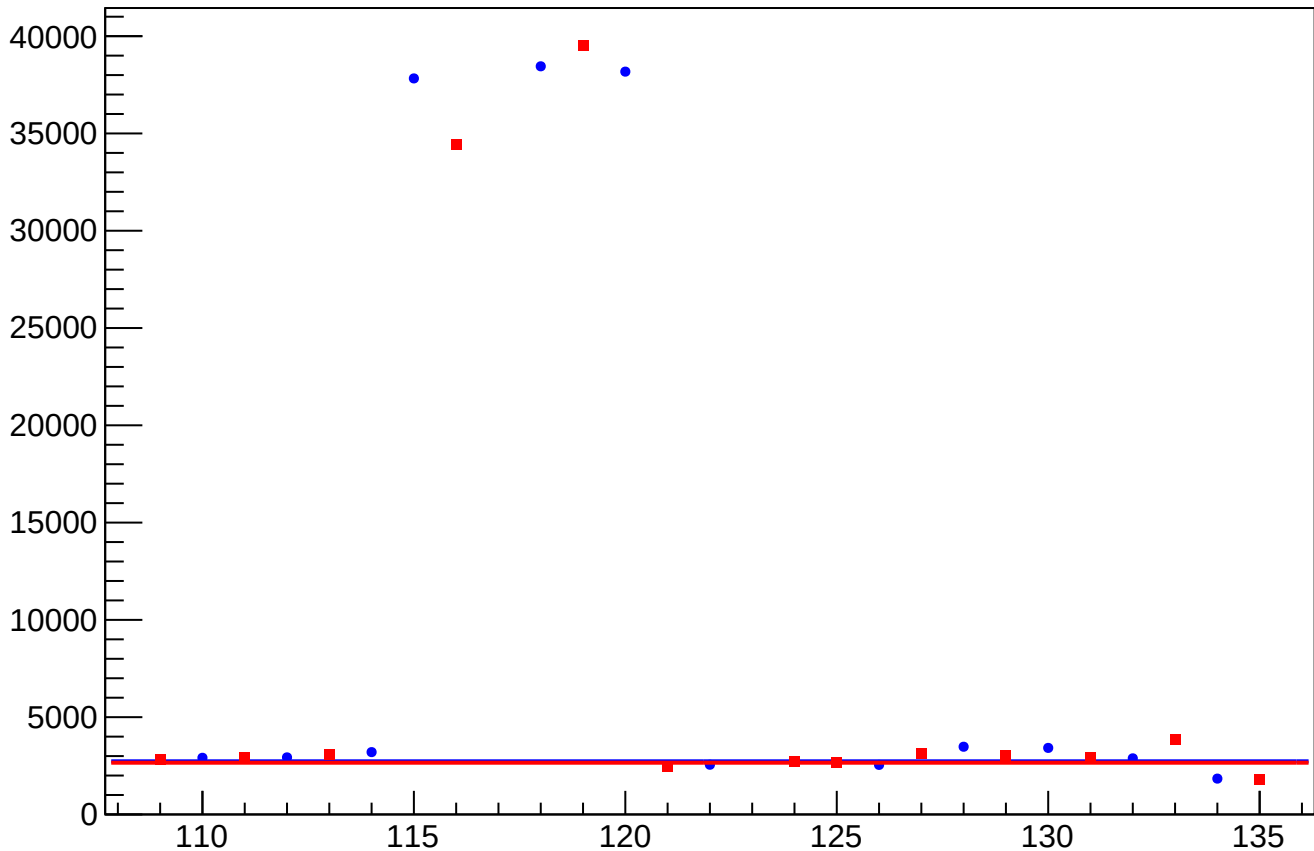
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.559 $\pm$ 0.962 χ^2 /NDF: 33.1/27

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1p03aX_rms vs Slug



Right In: 2731.730+/-1.022 χ^2/NDF : 2050797.9/11

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2659.458+/-0.911 χ^2/NDF : 1883010.2/12

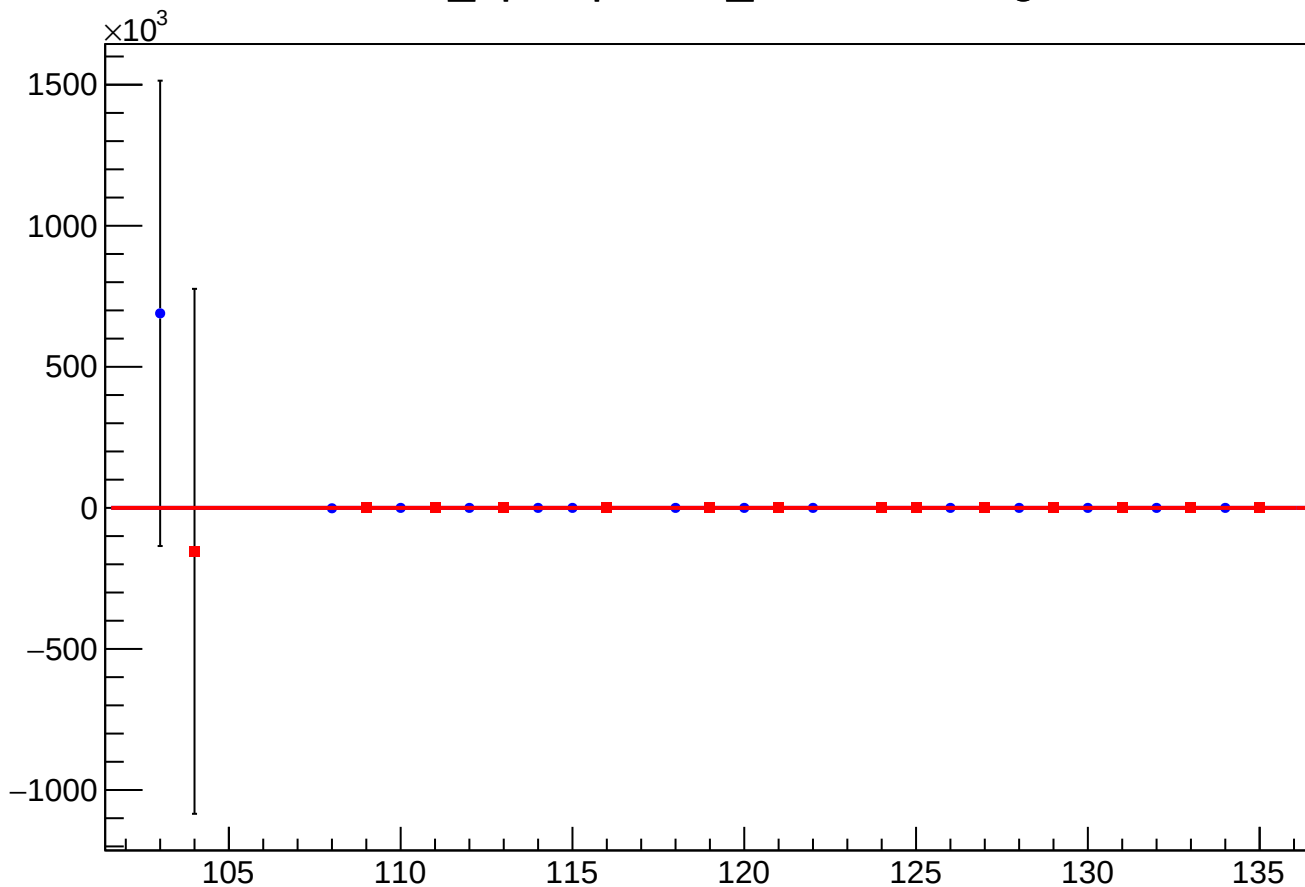
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2691.431+/-0.680 χ^2/NDF : 3936595.1/24

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_mean vs Slug



Right In: 0.937 ± 1.425 χ^2/NDF : 4.3/13

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.137 ± 1.102 χ^2/NDF : 14.8/13

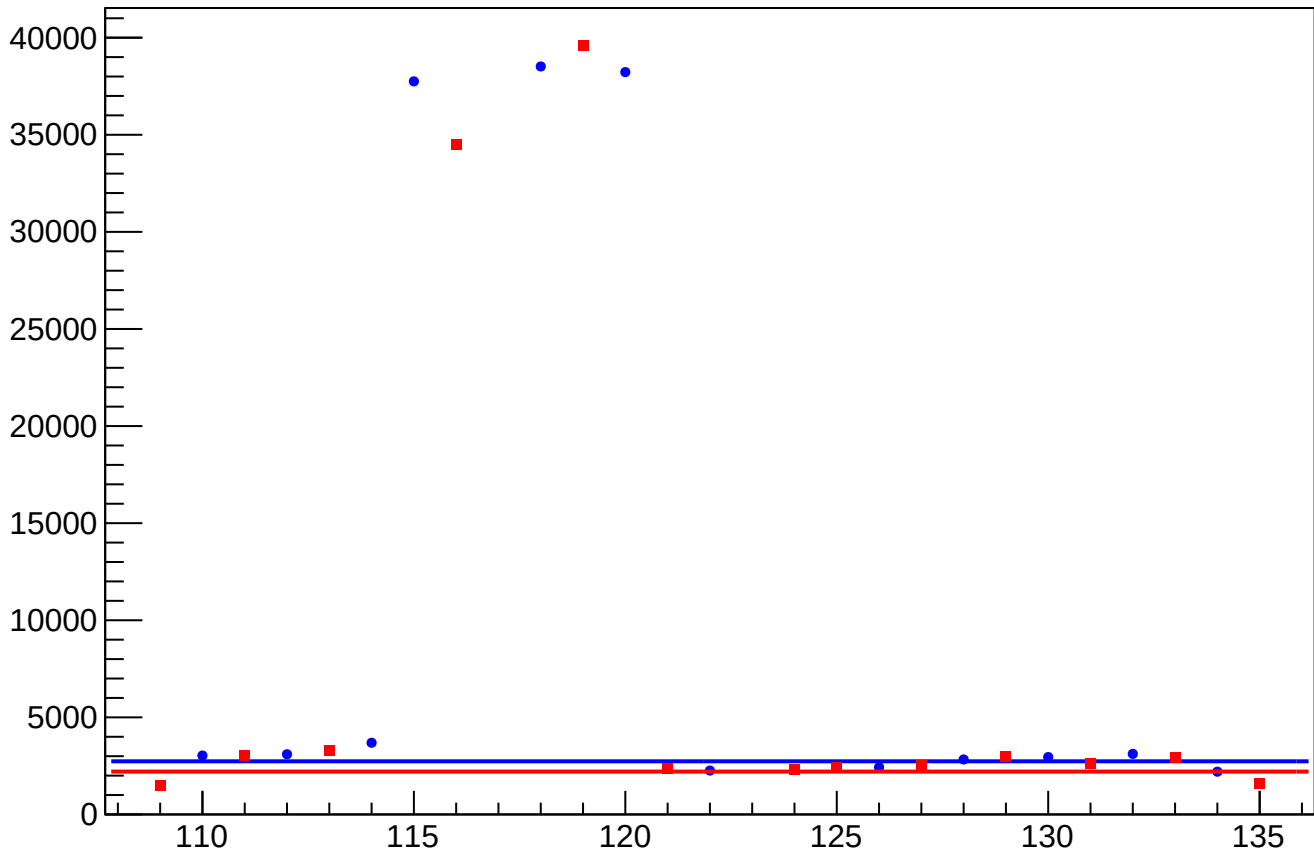
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.986 ± 0.872 χ^2/NDF : 22.0/27

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1p03aY_rms vs Slug



Right In: 2736.758 $\pm$ 1.007 χ^2 /NDF: 1925326.0/11

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

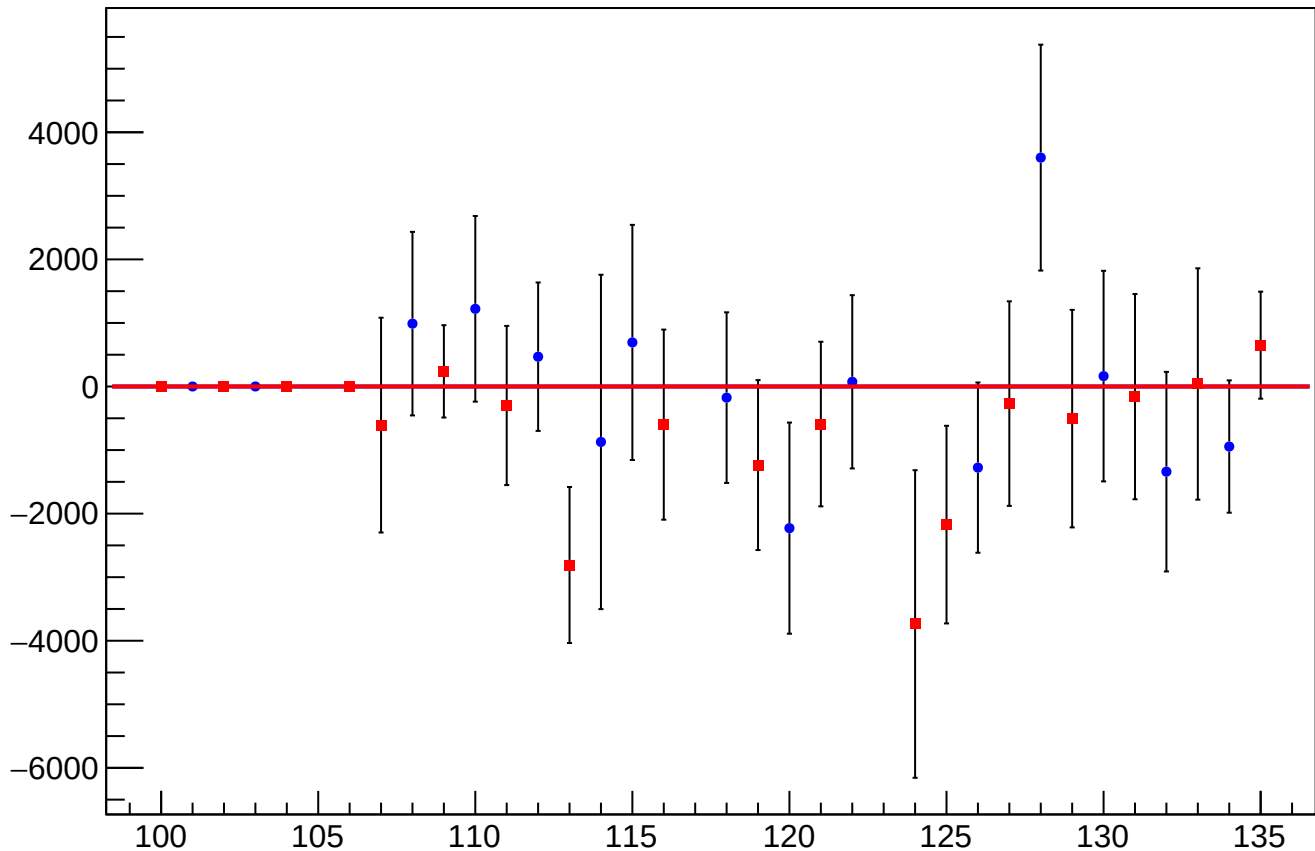
Right Out: 2207.225 $\pm$ 0.779 χ^2 /NDF: 2173030.4/12

All: 2405.554 $\pm$ 0.616 χ^2 /NDF: 4271200.8/24

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4bX_mean vs Slug



Right In: 0.256+/-0.356 χ^2/NDF : 10.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.096+/-0.328 χ^2/NDF : 15.3/17

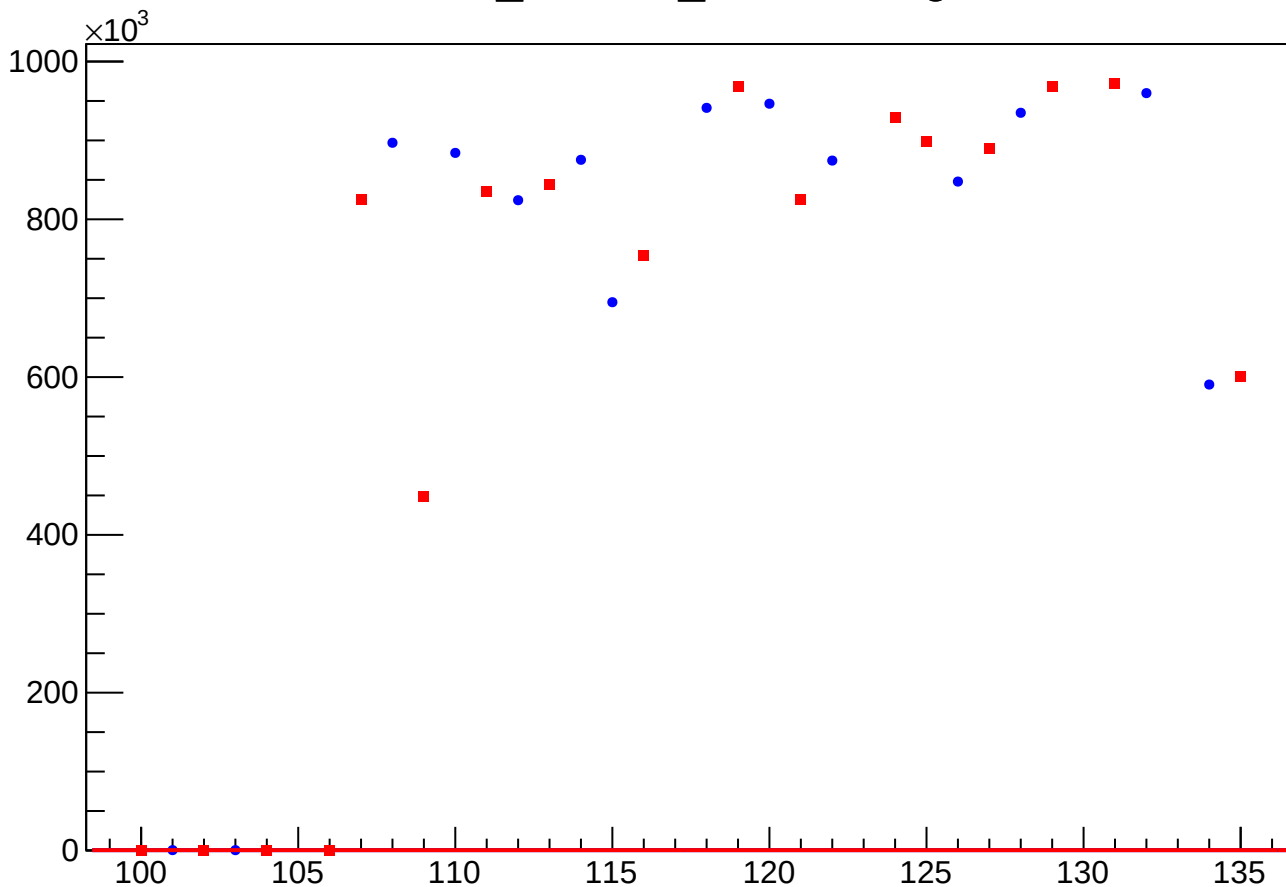
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.169+/-0.241 χ^2/NDF : 25.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bX_rms vs Slug



Right In: 398.685 $\pm$ 0.251 χ^2/NDF : 6729286.0/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 393.201 $\pm$ 0.232 χ^2/NDF : 7244927.2/16

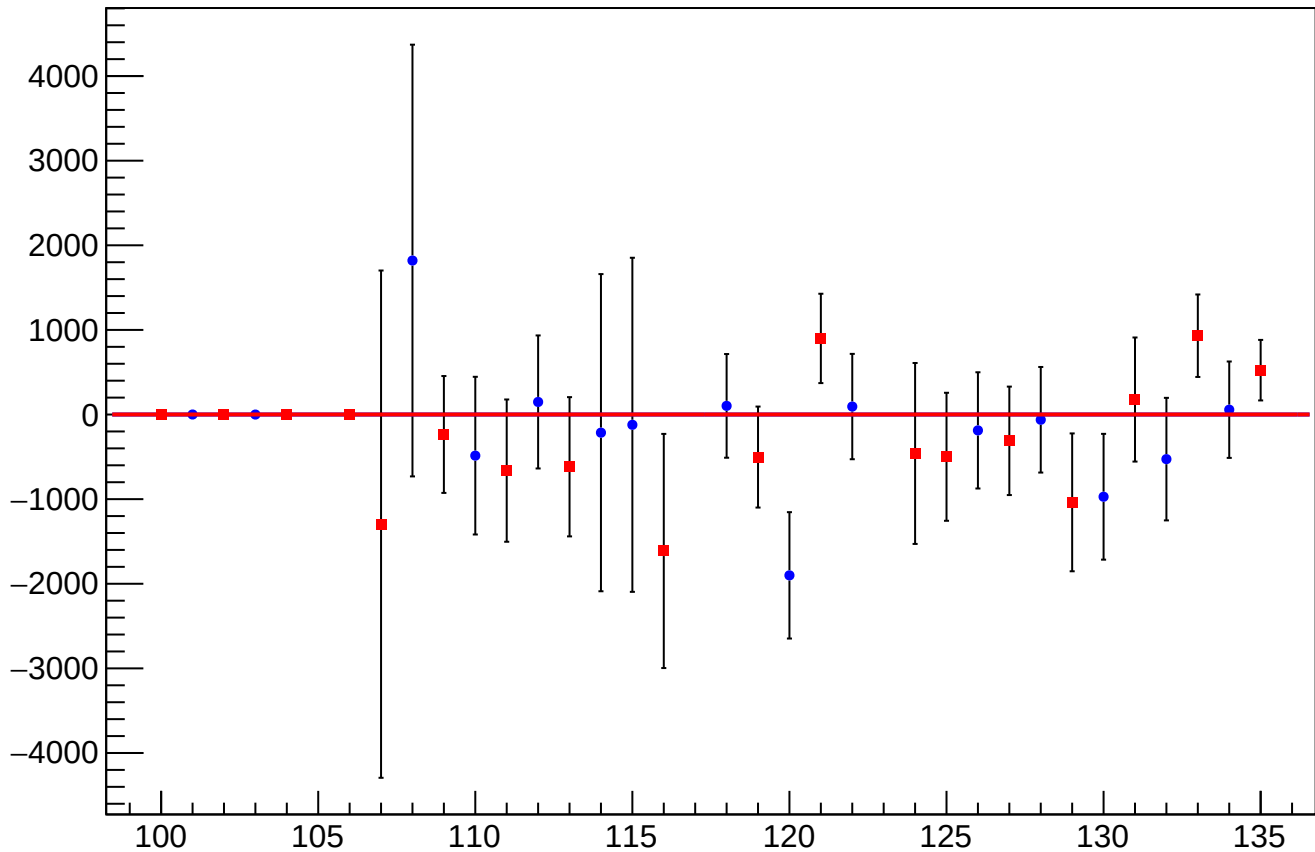
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 395.719 $\pm$ 0.170 χ^2/NDF : 13974470.3/30

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4bY_mean vs Slug



Right In: -0.021+/-0.347 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.599+/-0.324 χ^2/NDF : 14.9/17

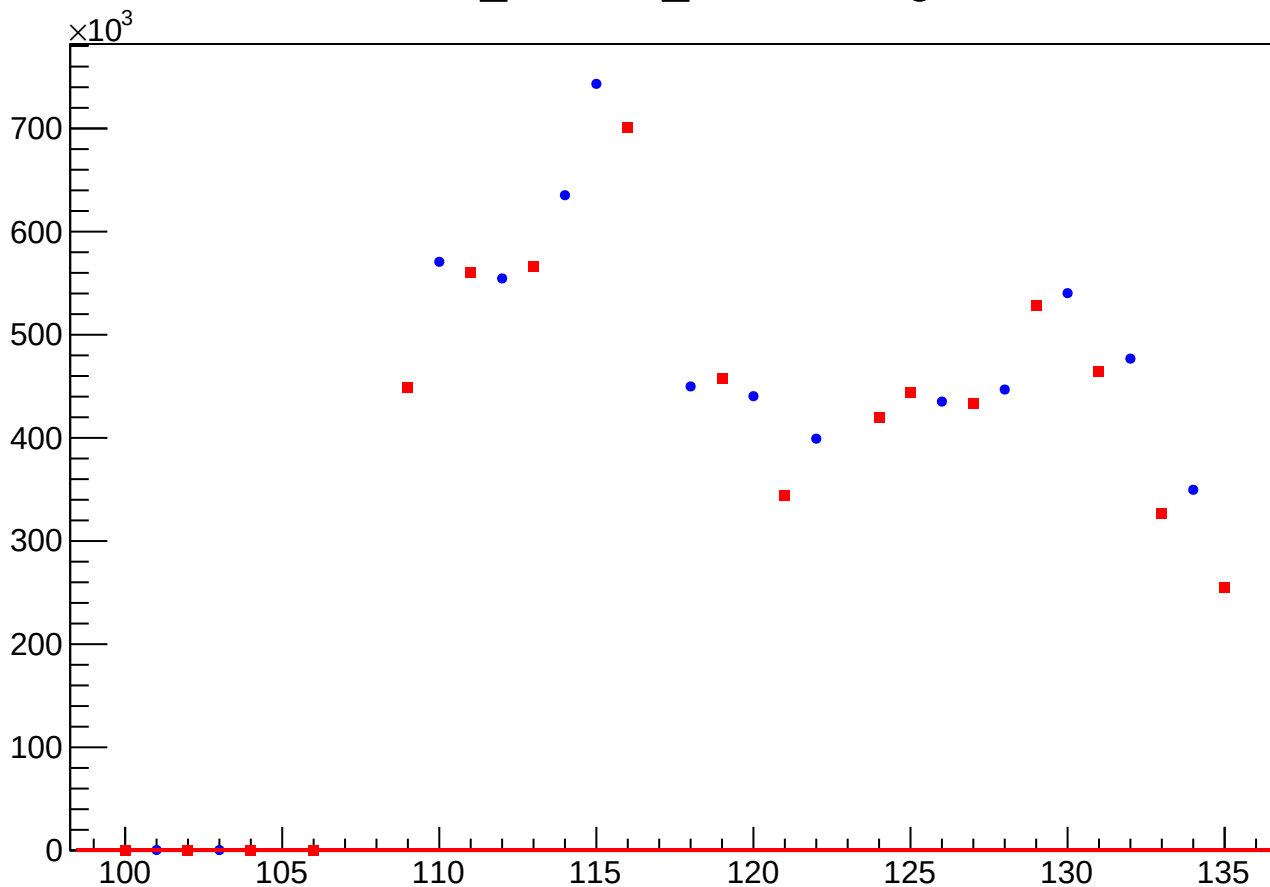
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.311+/-0.237 χ^2/NDF : 27.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4bY_rms vs Slug



Right In: 389.868 $\pm$ 0.245 χ^2/NDF : 9360138.4/13

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 387.903 $\pm$ 0.229 χ^2/NDF : 10671104.8/16

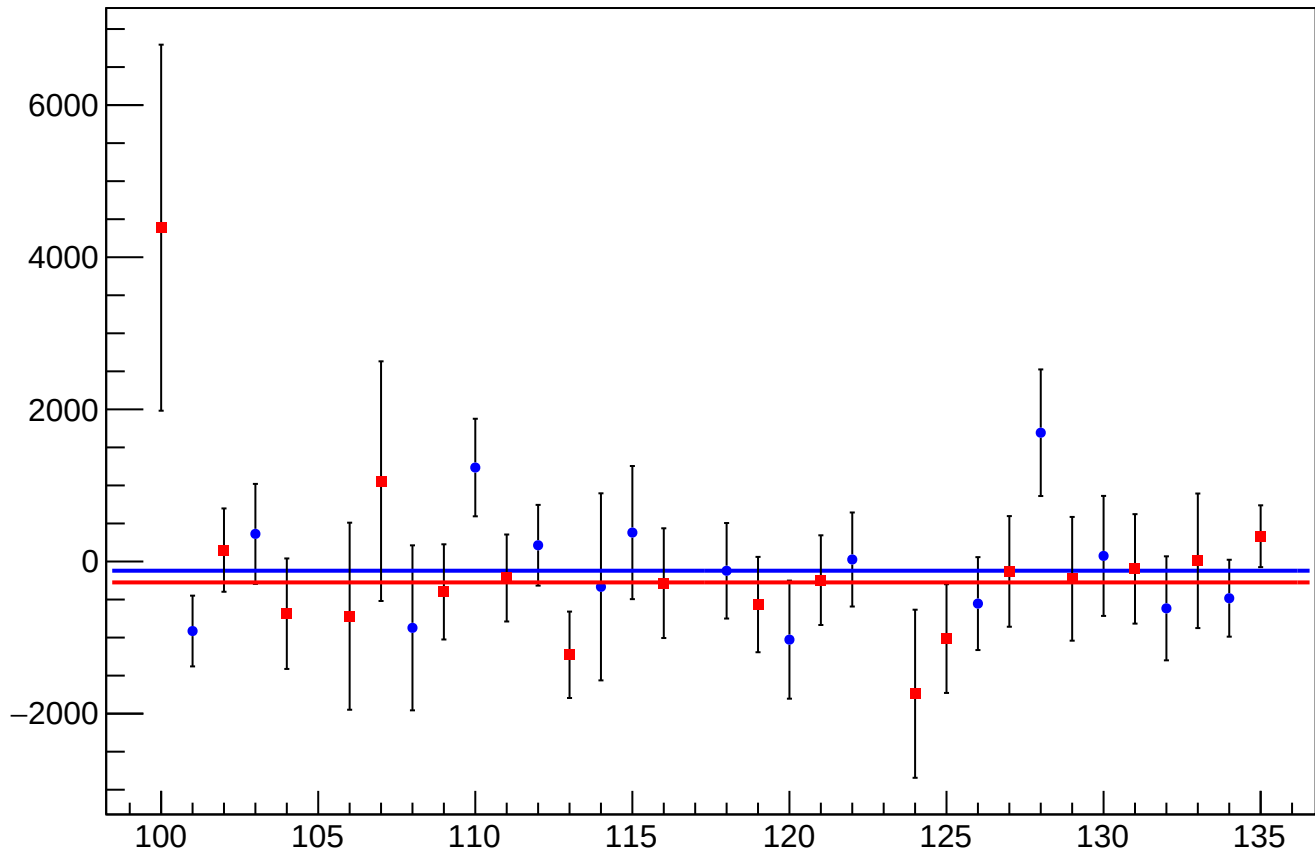
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 388.817 $\pm$ 0.167 χ^2/NDF : 20031277.4/30

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_cav4cX_mean vs Slug



Right In: -121.072 $\pm$ 170.656 χ^2 /NDF: 16.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -274.816 $\pm$ 162.294 χ^2 /NDF: 13.9/17

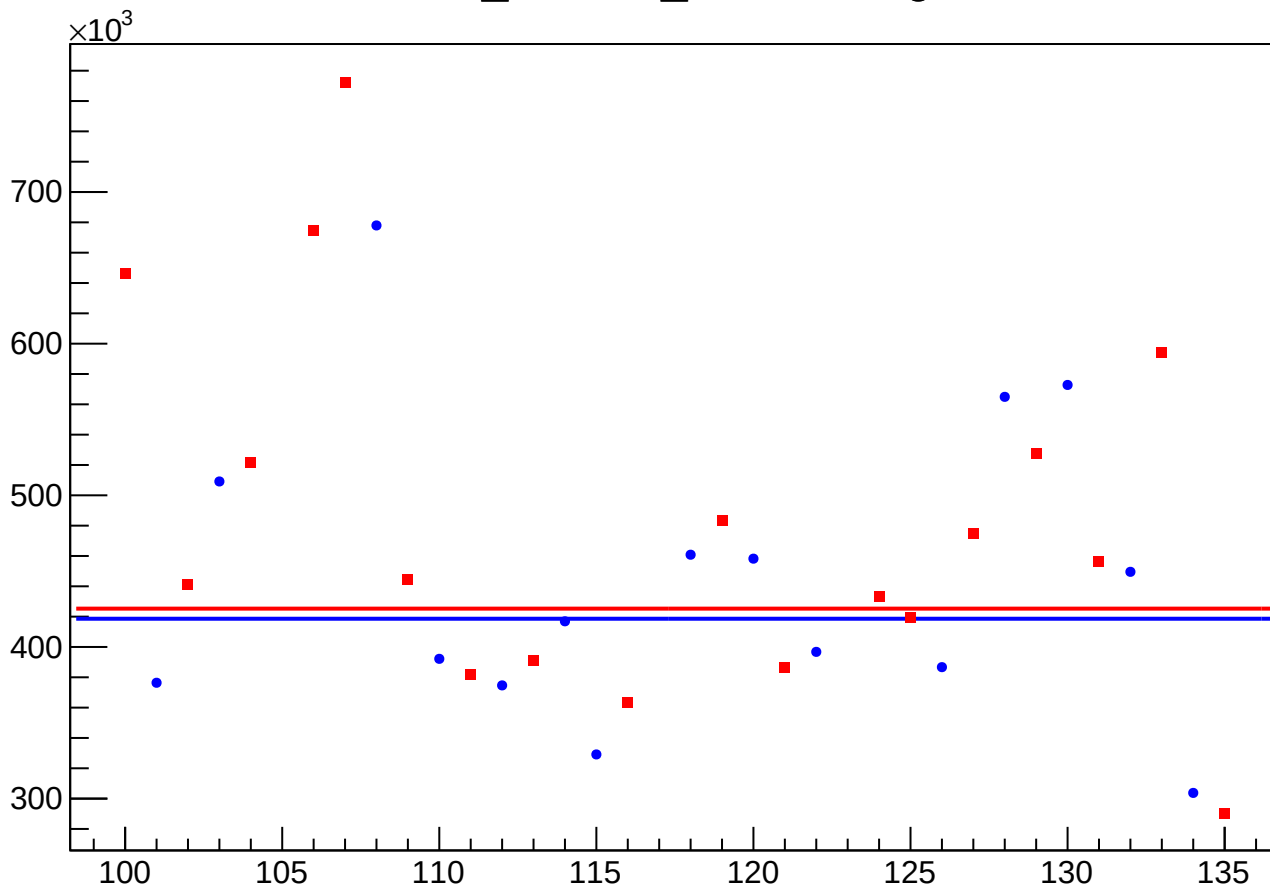
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -201.803 $\pm$ 117.604 χ^2 /NDF: 31.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cX_rms vs Slug



Right In: 418619.151 $\pm$ 120.701 χ^2 /NDF: 473854.1/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

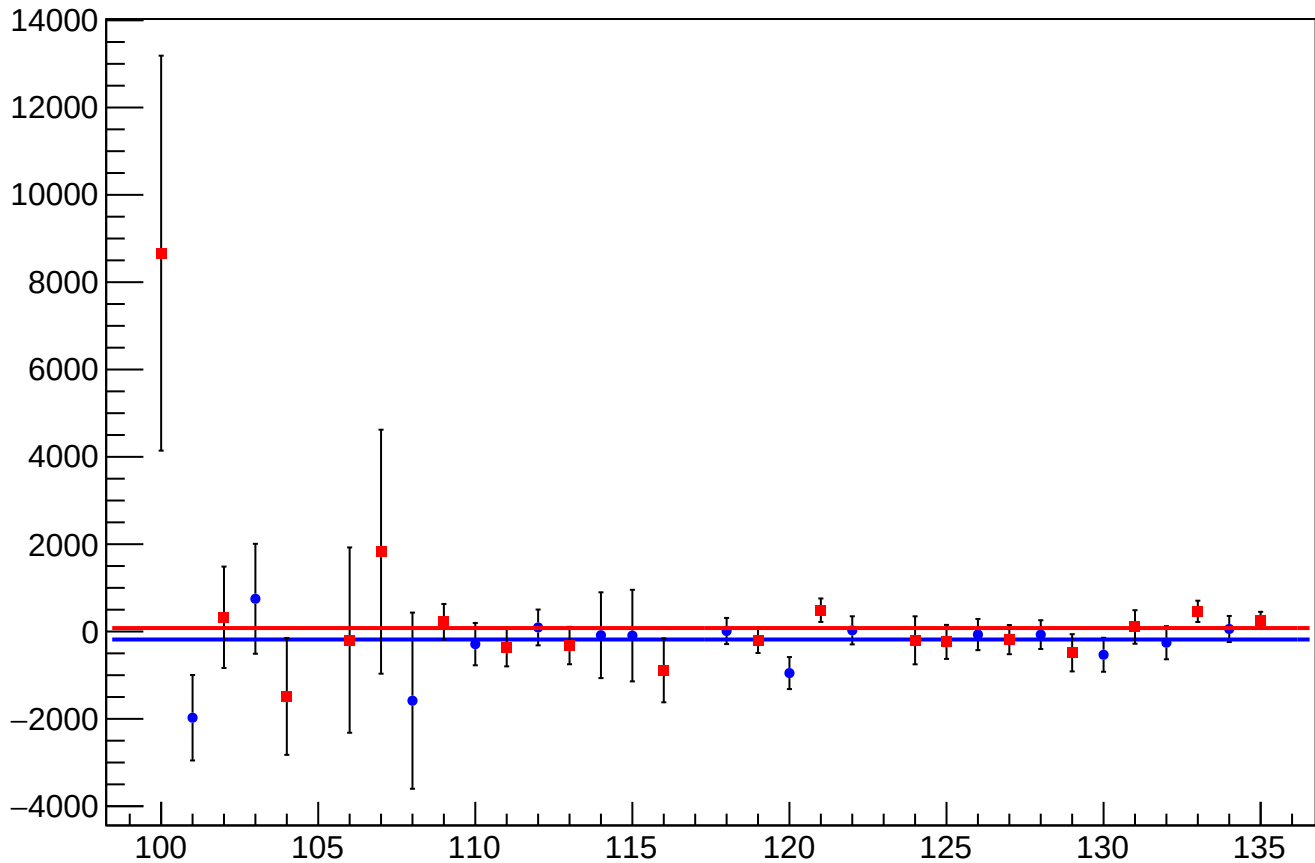
Right Out: 425279.424 $\pm$ 114.790 χ^2 /NDF: 629722.3/17

All: 422116.354 $\pm$ 83.180 χ^2 /NDF: 1105175.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4cY_mean vs Slug



Right In: -182.660 ± 109.022 χ^2/NDF : 11.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 79.390 ± 90.845 χ^2/NDF : 19.1/17

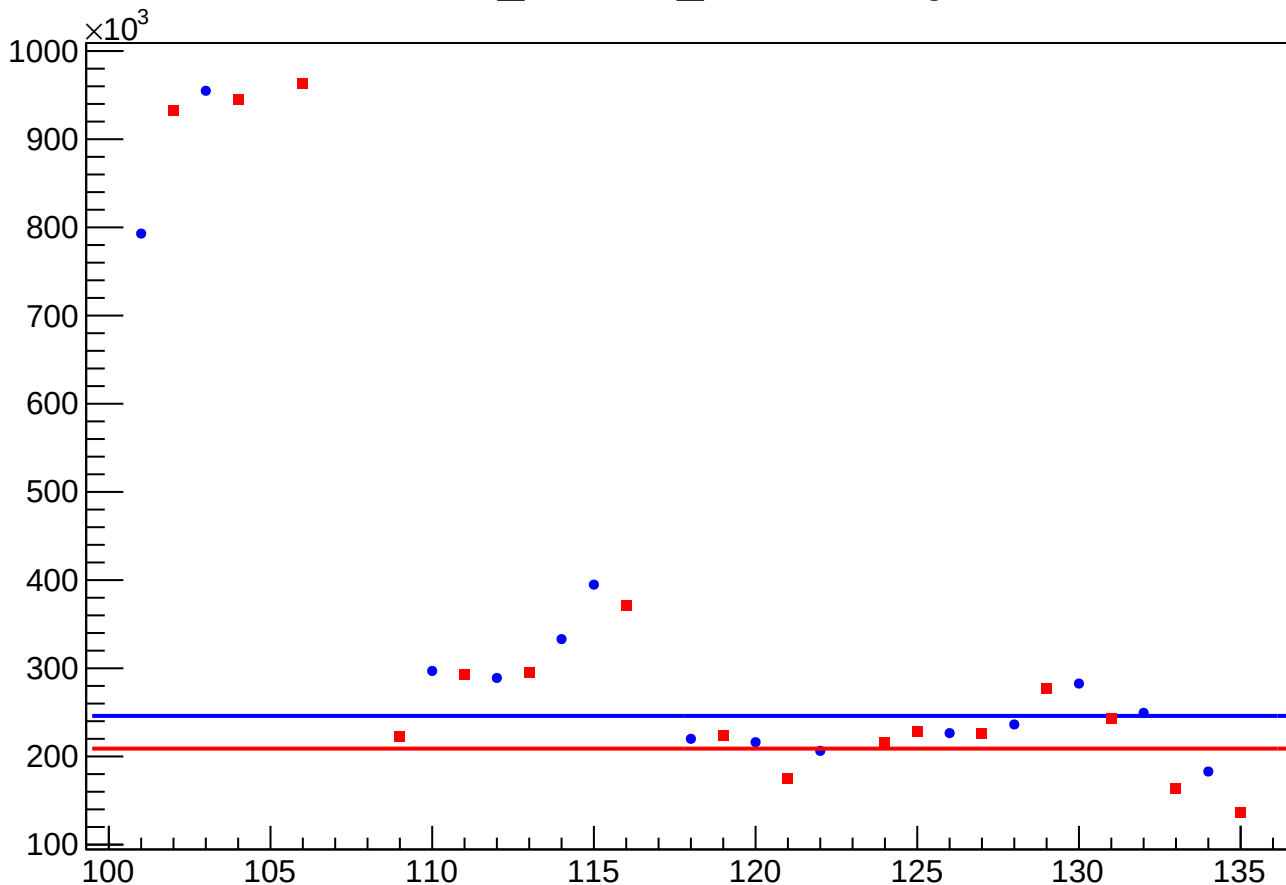
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.999 ± 69.791 χ^2/NDF : 34.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4cY_rms vs Slug



Right In: 245985.046 $\pm$ 77.295 χ^2 /NDF: 1330491.8/13

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

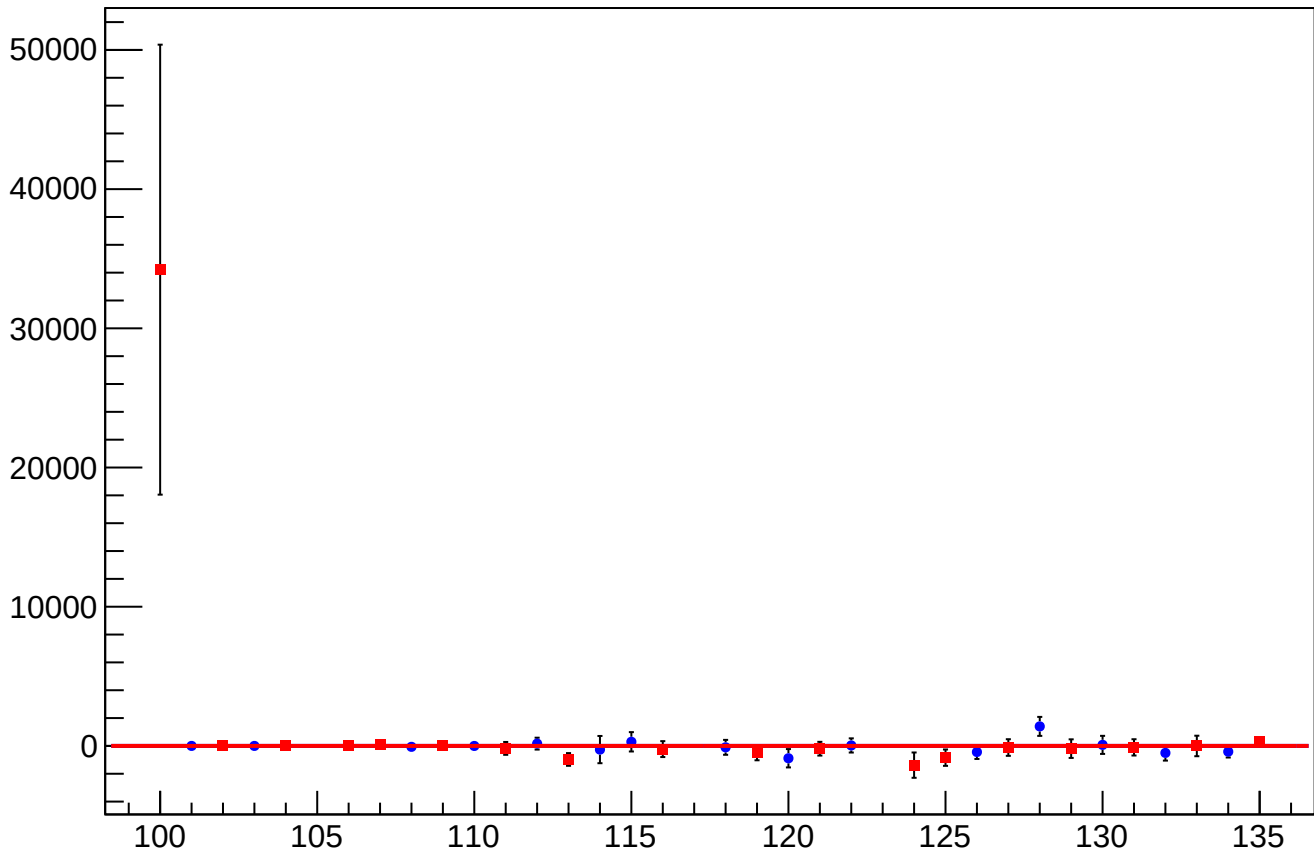
Right Out: 208897.665 $\pm$ 64.410 χ^2 /NDF: 1988459.3/15

All: 224096.533 $\pm$ 49.482 χ^2 /NDF: 3454824.

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_cav4dX_mean vs Slug



Right In: -0.035 ± 0.172 χ^2/NDF : 10.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.160 χ^2/NDF : 16.4/17

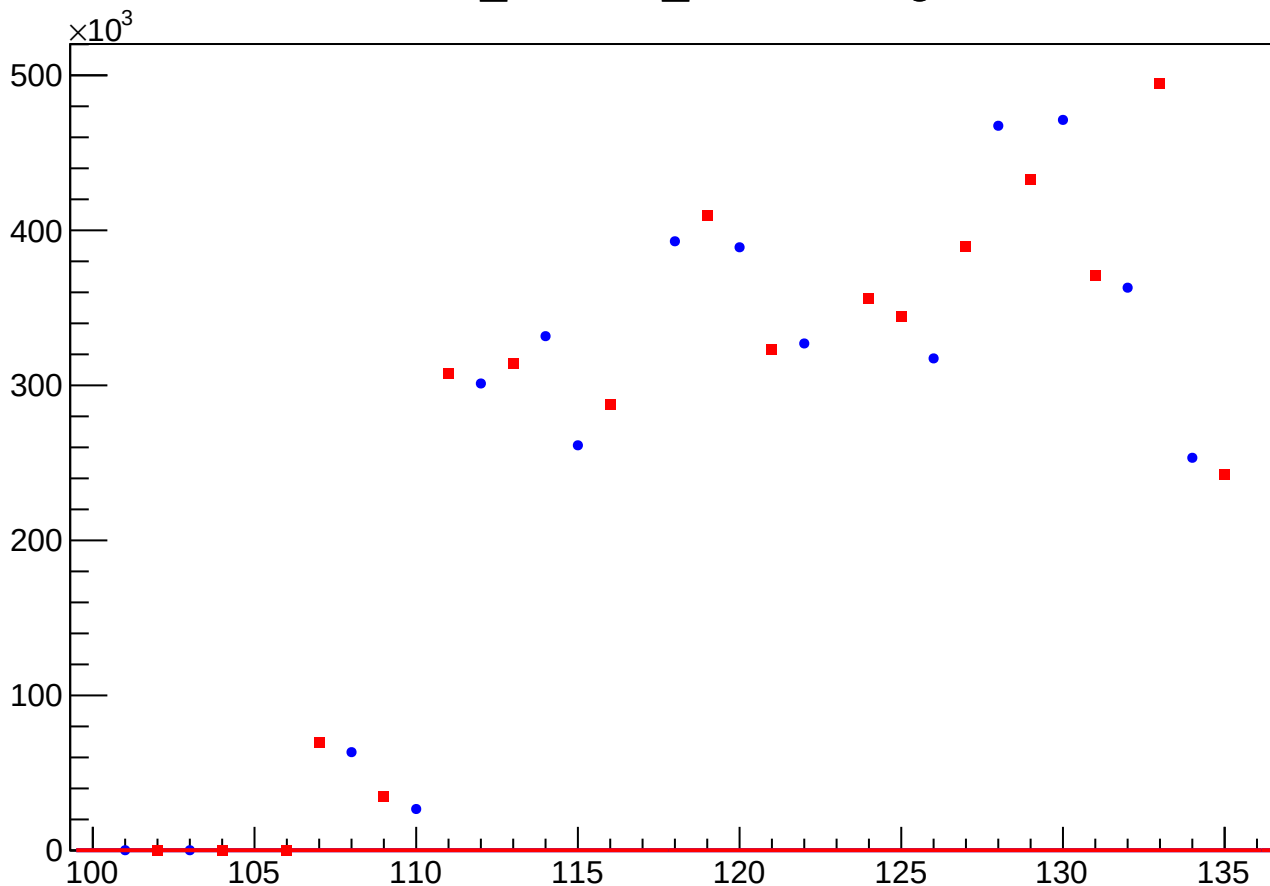
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.207 ± 0.117 χ^2/NDF : 28.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dX_rms vs Slug



Right In: 148.978+/-0.122 χ^2/NDF : 9538433.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 149.356+/-0.113 χ^2/NDF : 10884942.0/16

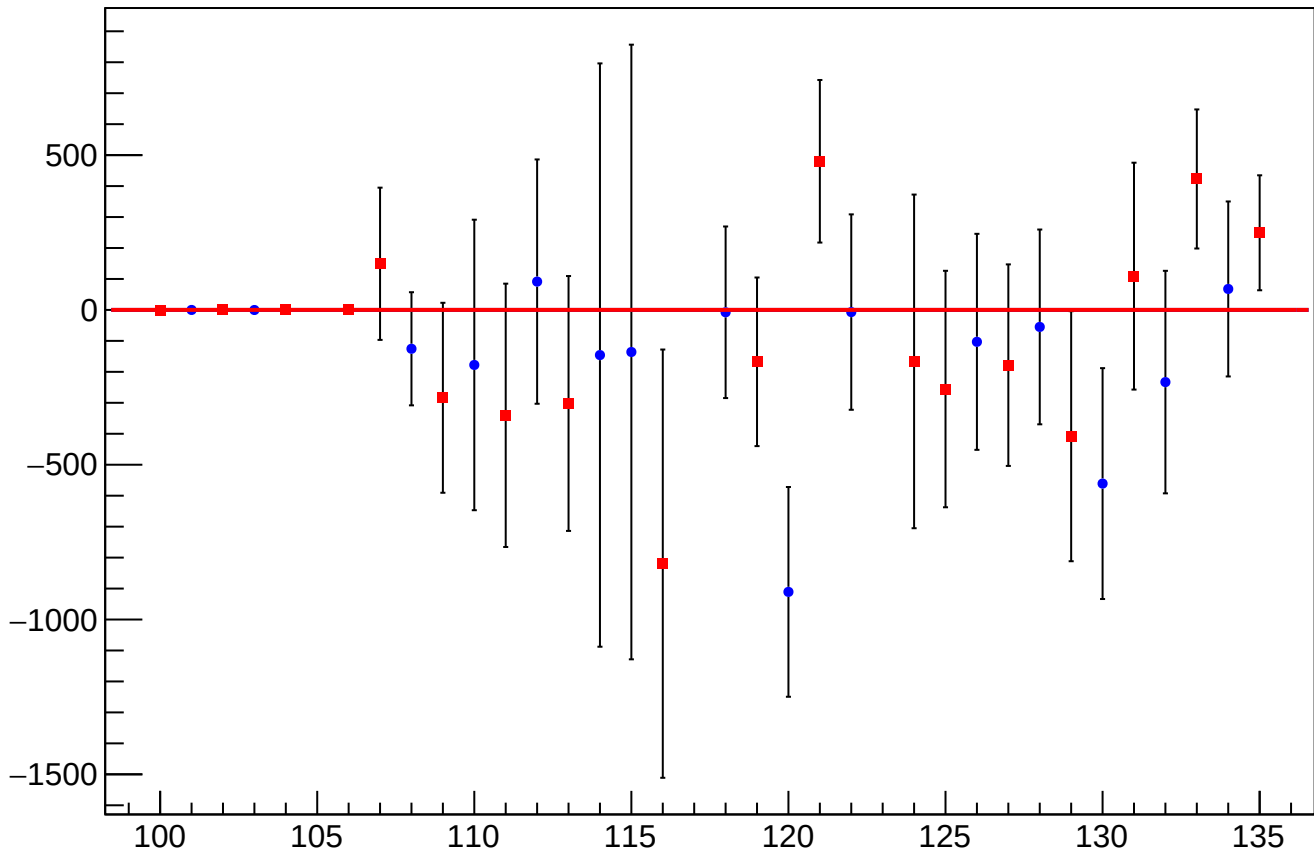
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 149.181+/-0.083 χ^2/NDF : 20423381.1/30

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_cav4dY_mean vs Slug



Right In: -0.068 ± 0.177 χ^2/NDF : 10.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.126 ± 0.166 χ^2/NDF : 15.0/17

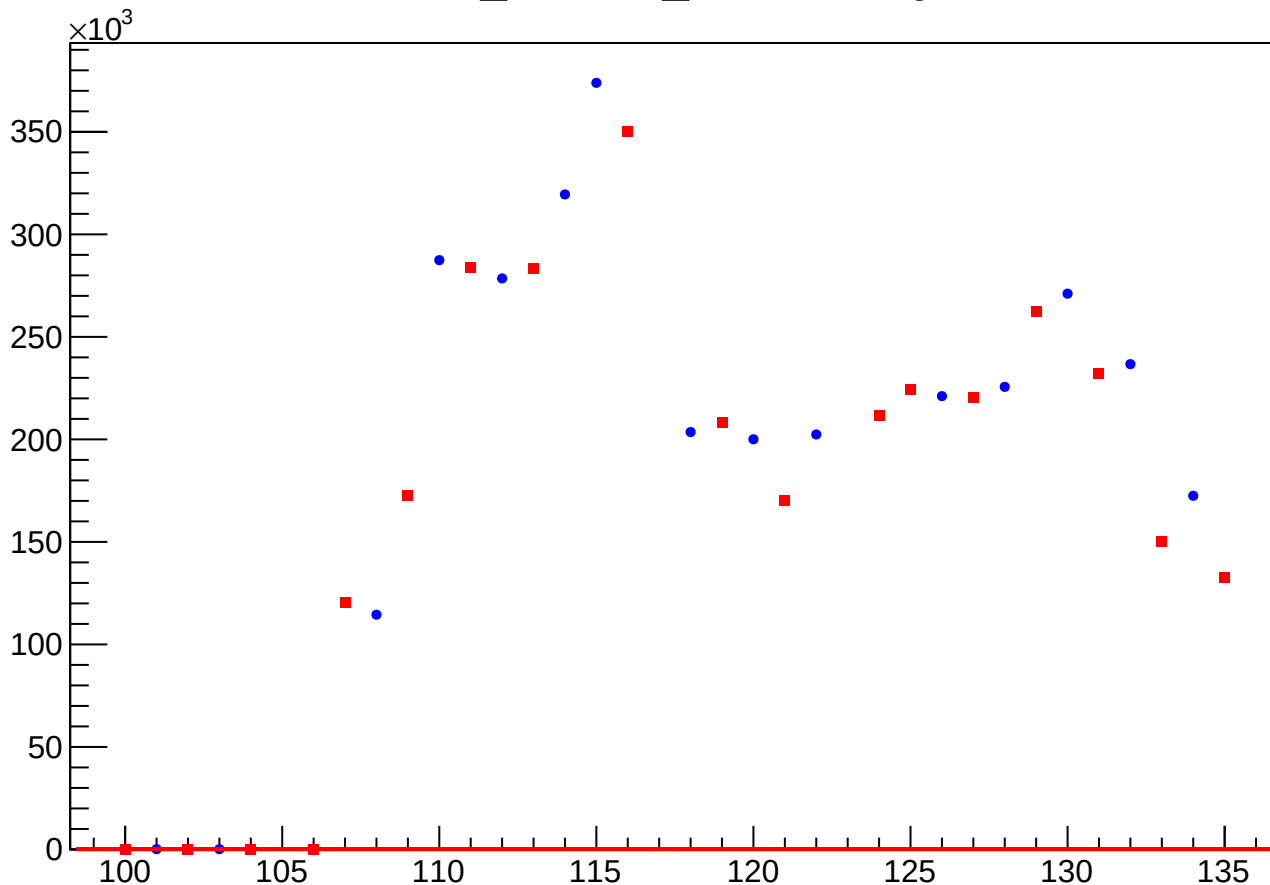
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.035 ± 0.121 χ^2/NDF : 26.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_cav4dY_rms vs Slug



Right In: 153.259 $\pm$ 0.125 χ^2/NDF : 10133808.3/14

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

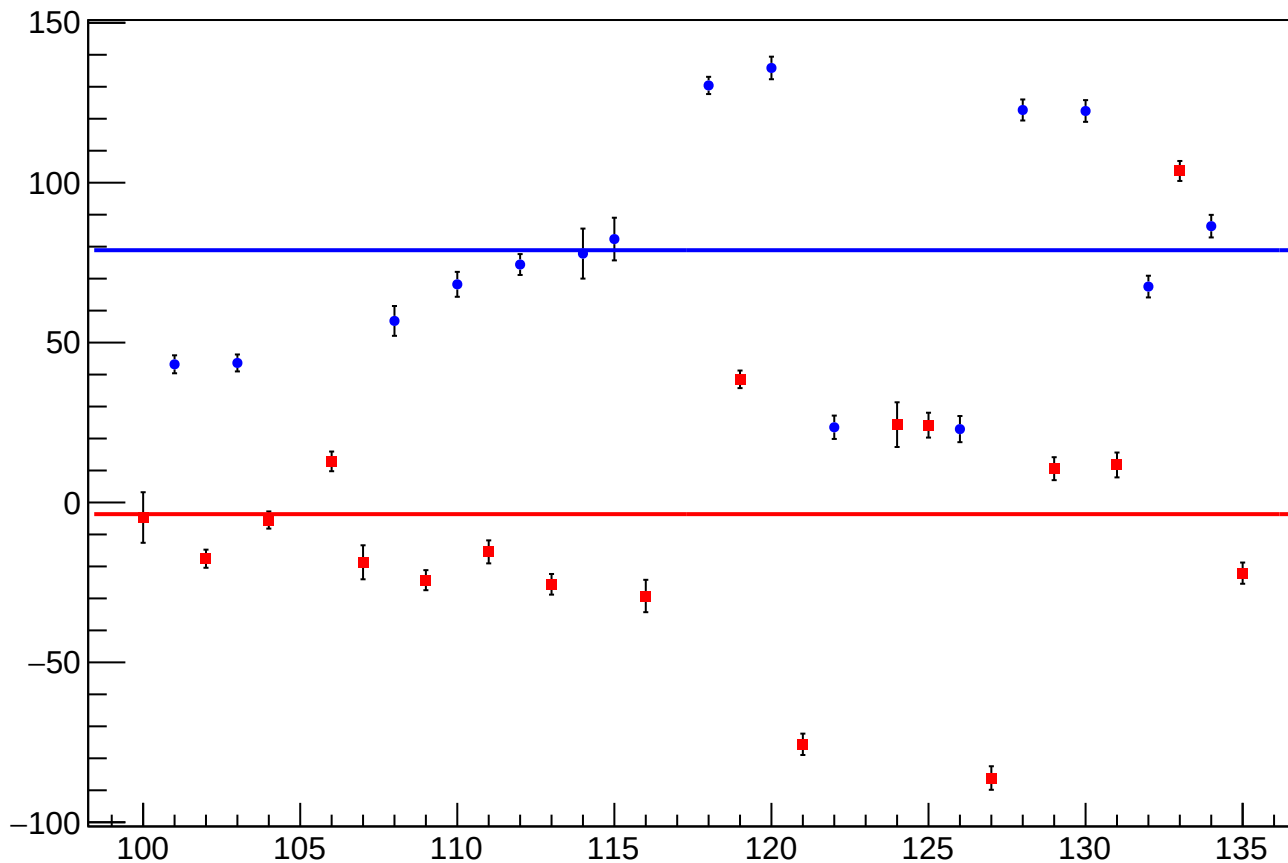
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 154.777 $\pm$ 0.086 χ^2/NDF : 21061719.3/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

diff_bpm0i01X_mean vs Slug



Right In: 78.887 $\pm$ 0.908 χ^2 /NDF: 1771.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.647 $\pm$ 0.829 χ^2 /NDF: 2700.7/17

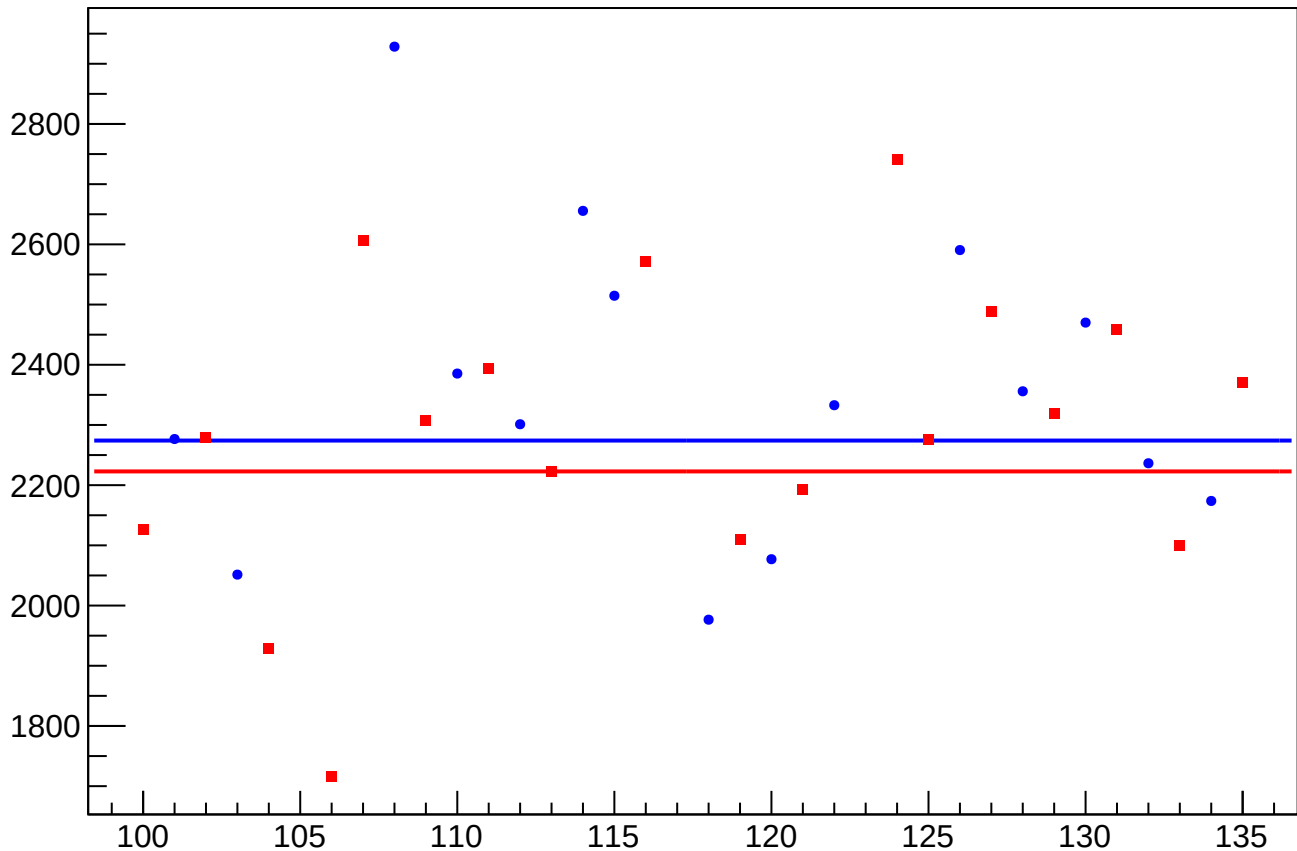
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.869 $\pm$ 0.612 χ^2 /NDF: 8974.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01X_rms vs Slug



Right In: 2274.101 $\pm$ 0.642 χ^2 /NDF: 115488.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

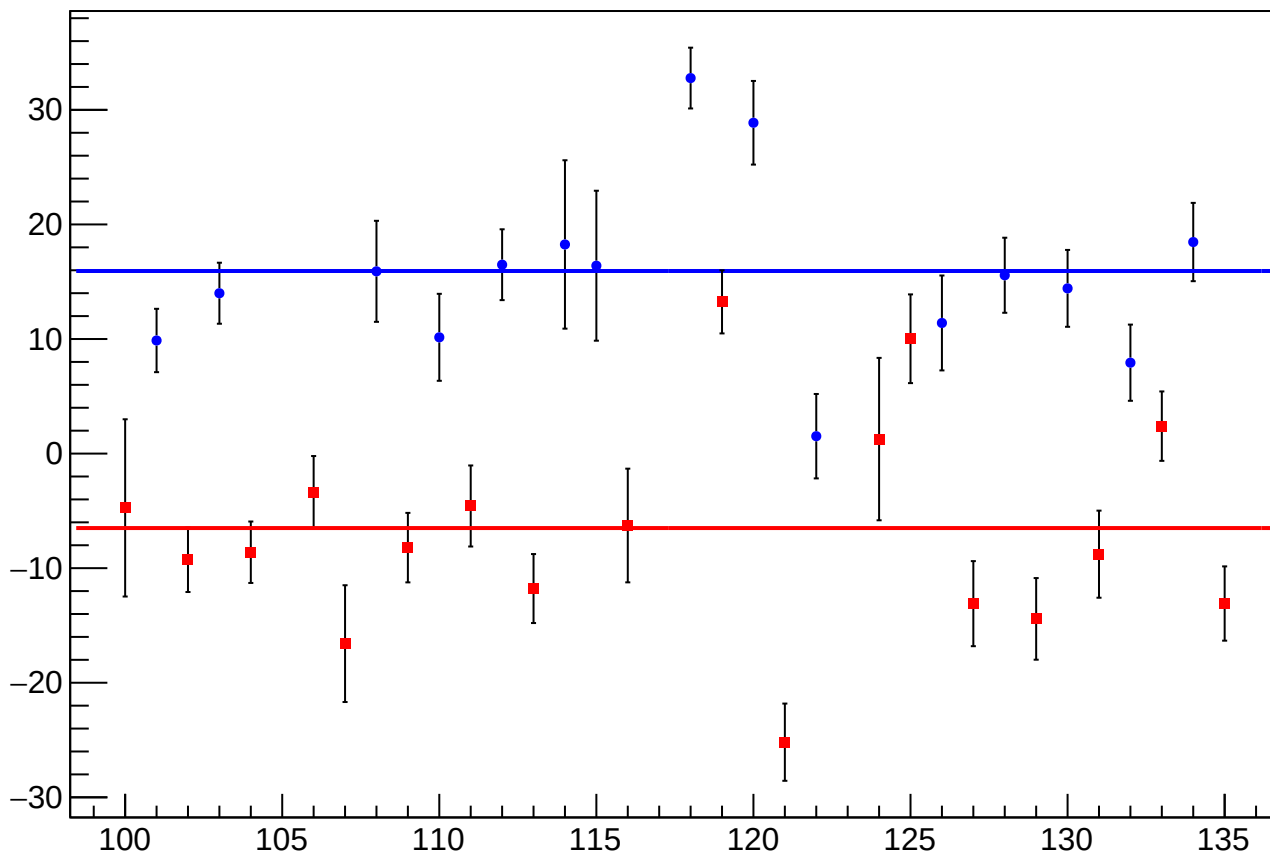
Right Out: 2222.834 $\pm$ 0.586 χ^2 /NDF: 146596.5/17

All: 2246.137 $\pm$ 0.433 χ^2 /NDF: 265559.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_mean vs Slug



Right In: 15.936 $\pm$ 0.896 χ^2 /NDF: 83.7/14

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

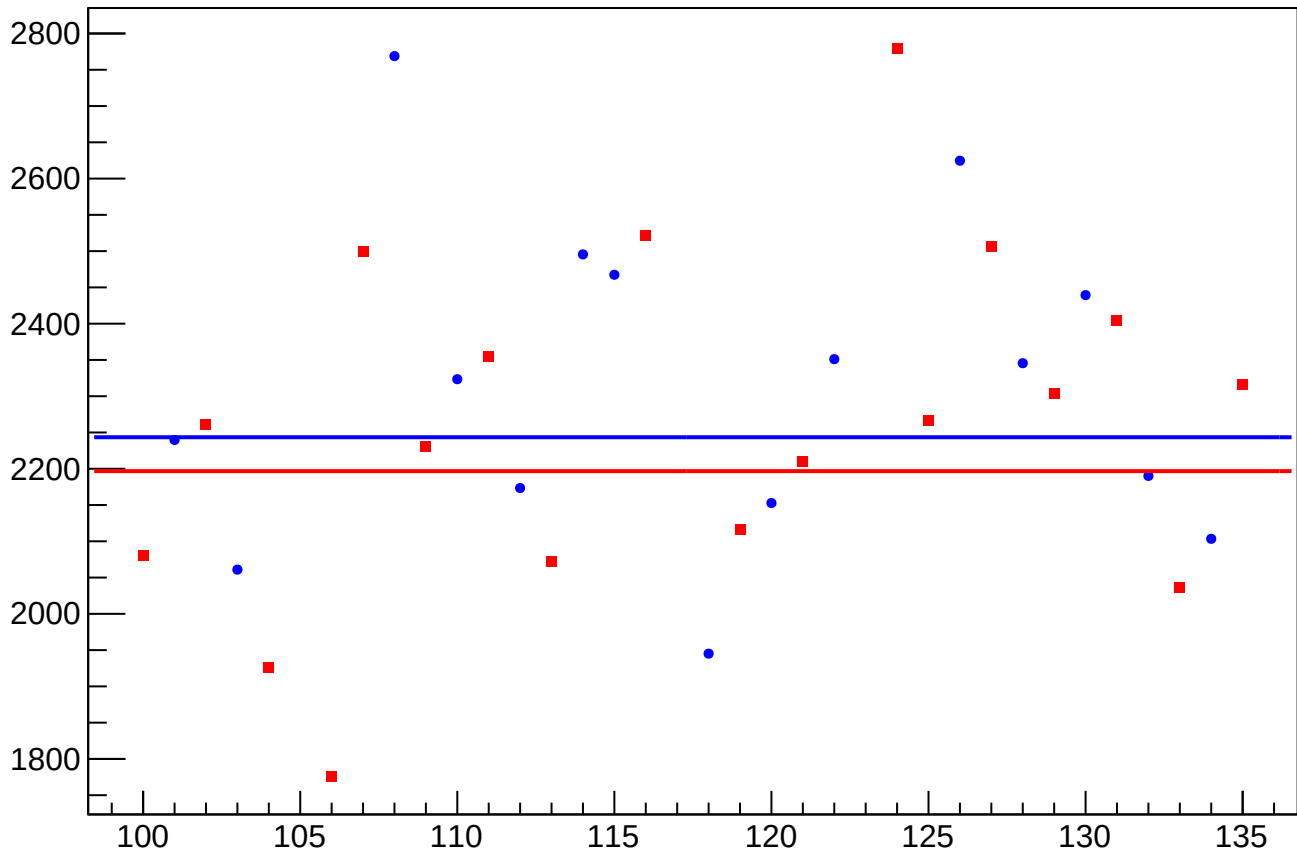
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.712 $\pm$ 0.604 χ^2 /NDF: 558.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01Y_rms vs Slug



Right In: 2243.446 $\pm$ 0.633 χ^2 /NDF: 102210.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

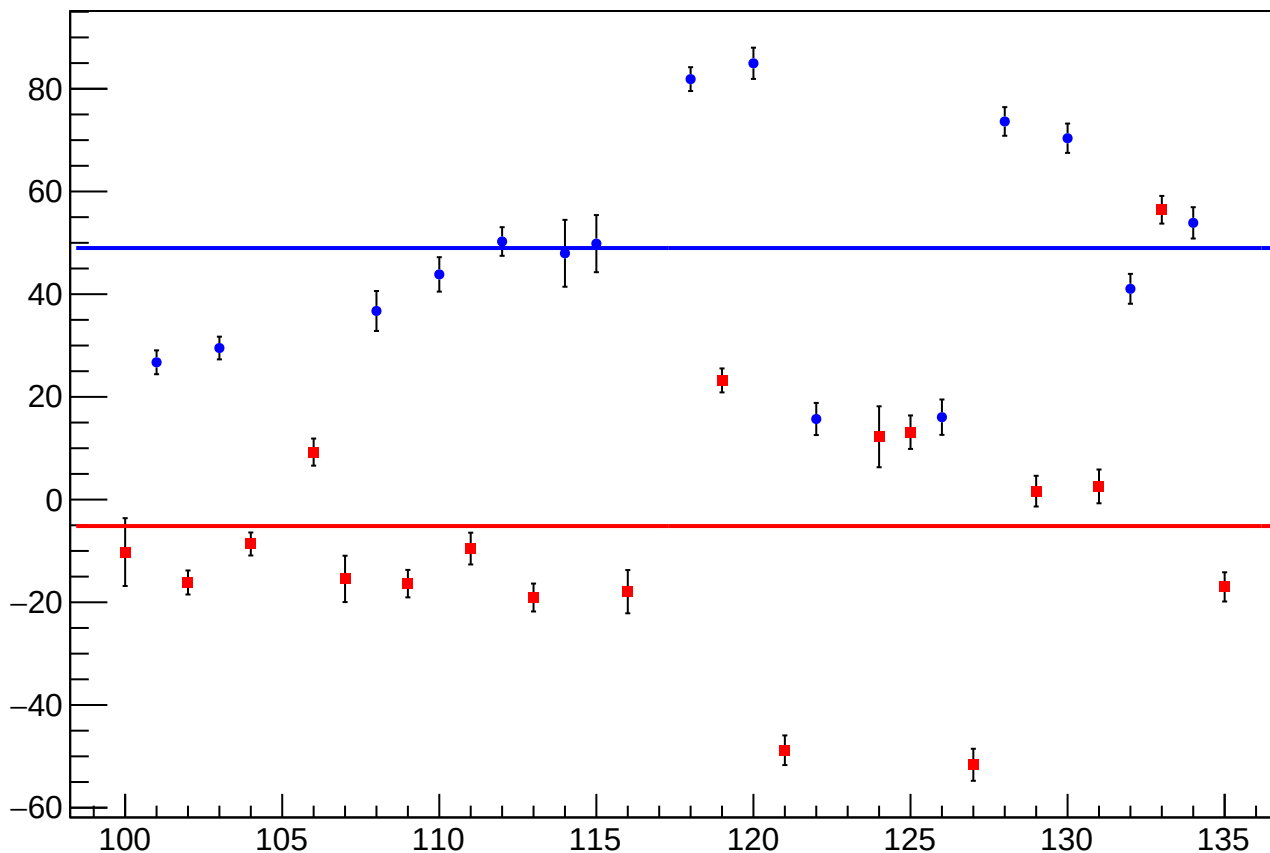
Right Out: 2196.730 $\pm$ 0.579 χ^2 /NDF: 126582.9/17

All: 2217.993 $\pm$ 0.427 χ^2 /NDF: 231757.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_mean vs Slug



Right In: 48.985 $\pm$ 0.770 χ^2 /NDF: 871.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.155 $\pm$ 0.702 χ^2 /NDF: 1303.9/17

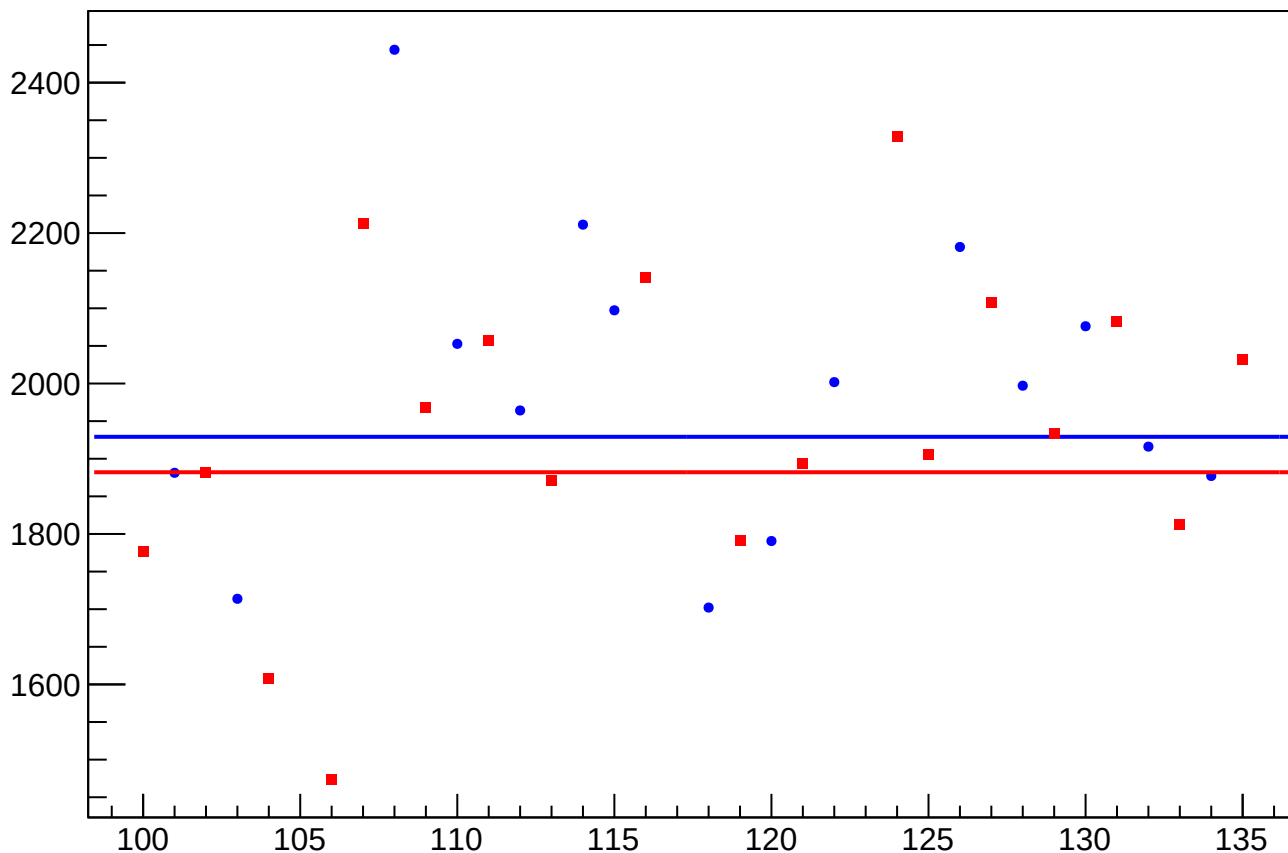
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.415 $\pm$ 0.519 χ^2 /NDF: 4874.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aX_rms vs Slug



Right In: 1929.161 $\pm$ 0.545 χ^2 /NDF: 105576.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

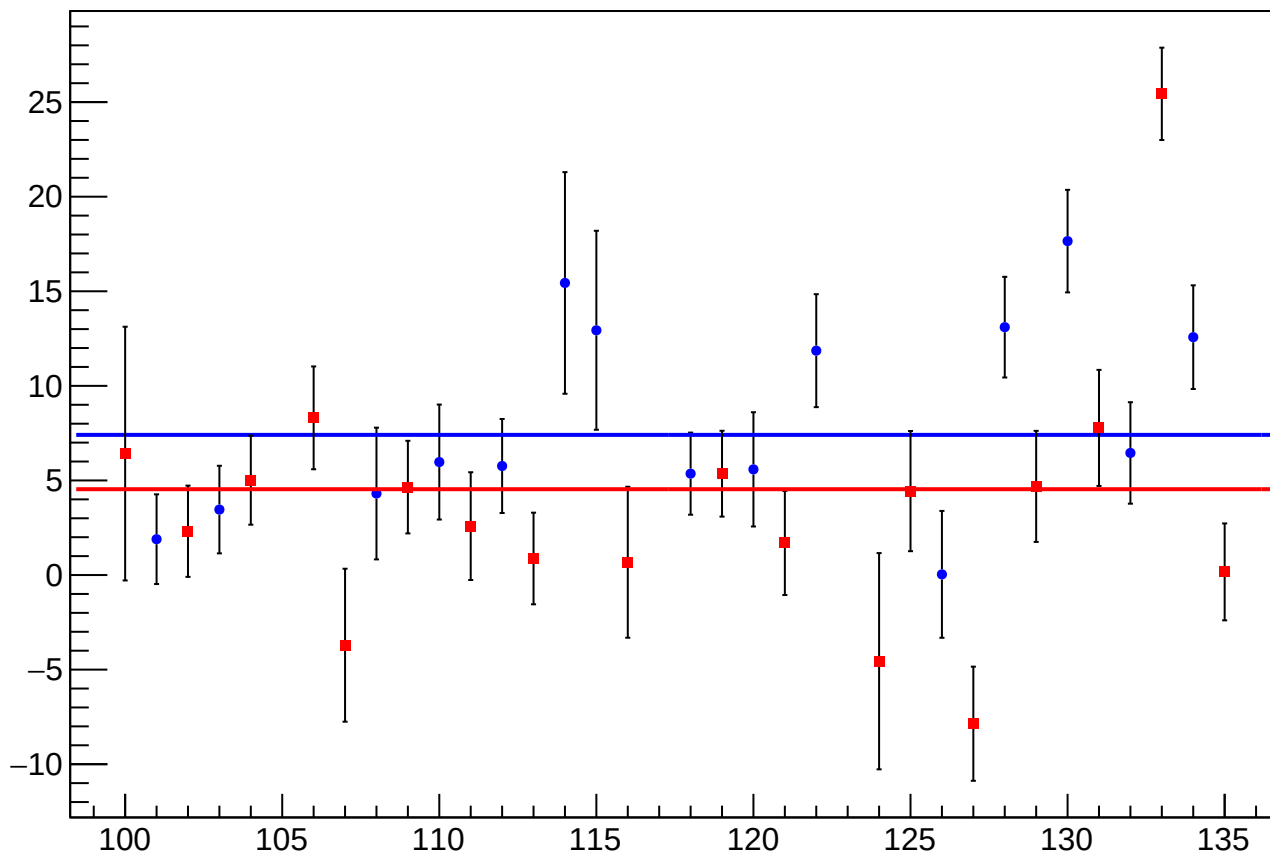
Right Out: 1882.048 $\pm$ 0.496 χ^2 /NDF: 145204.3/17

All: 1903.429 $\pm$ 0.367 χ^2 /NDF: 254868.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i01aY_mean vs Slug



Right In: 7.409+/-0.734 χ^2/NDF : 43.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.537+/-0.674 χ^2/NDF : 108.7/17

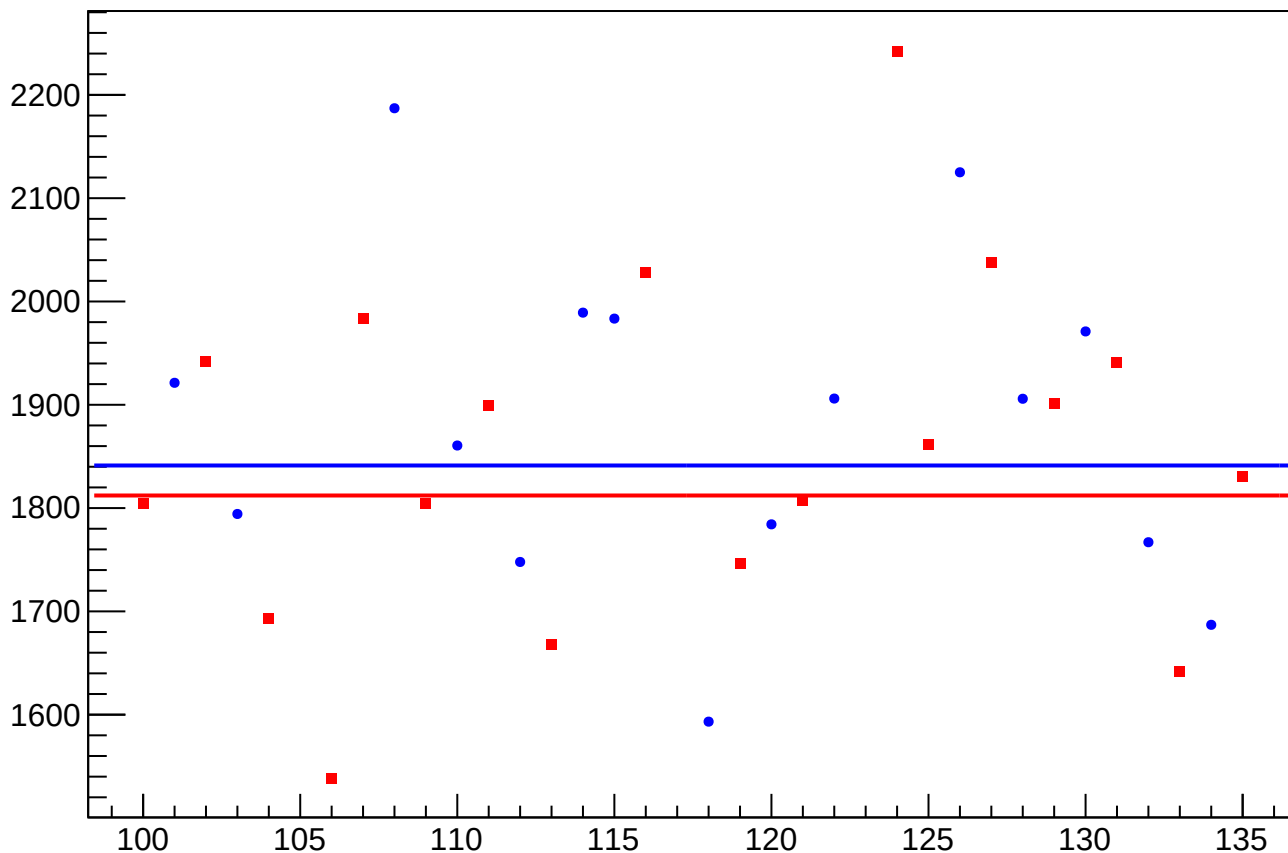
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.850+/-0.496 χ^2/NDF : 160.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i01aY_rms vs Slug



Right In: 1841.228+/-0.519 χ^2/NDF : 84205.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1812.182+/-0.476 χ^2/NDF : 89523.5/17

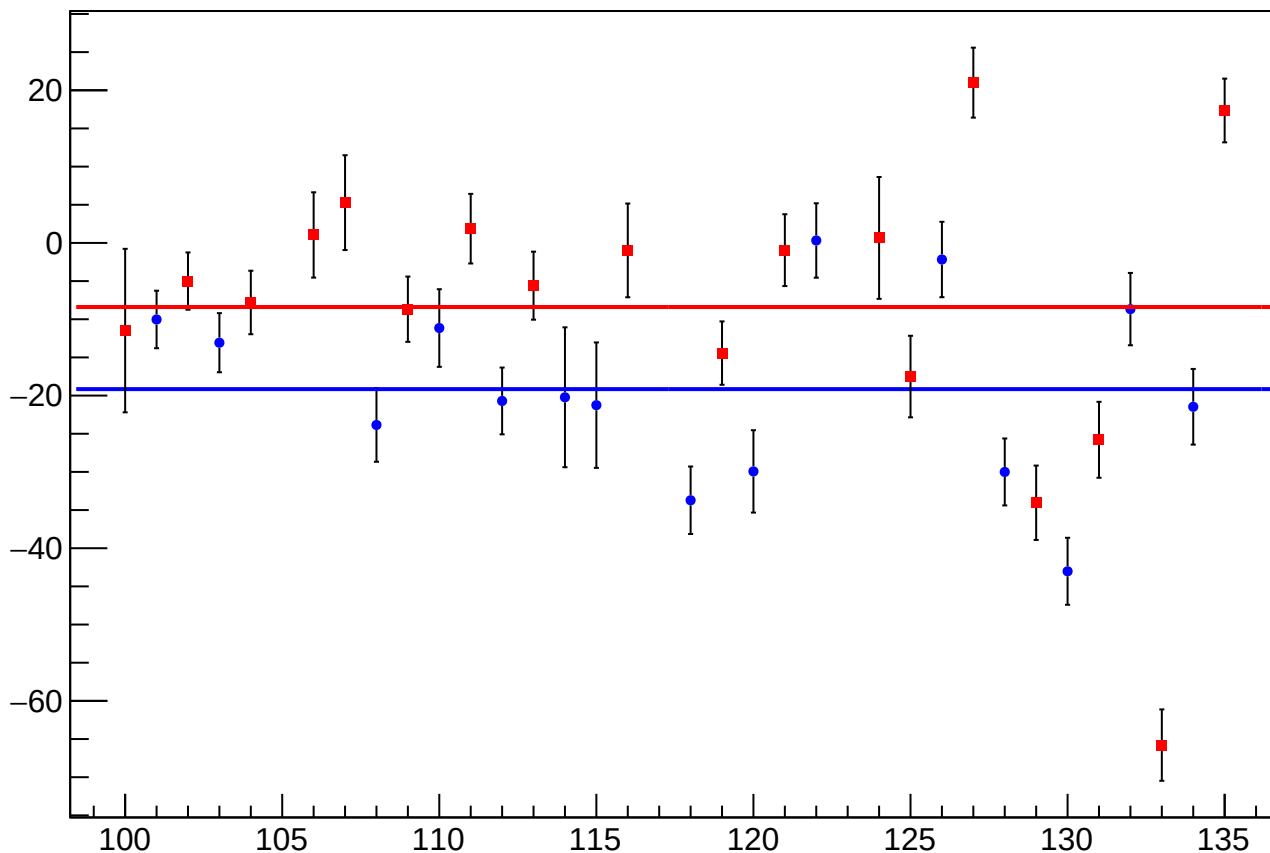
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1825.460+/-0.351 χ^2/NDF : 175428.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_mean vs Slug



Right In: -19.154+/-1.235 χ^2/NDF : 95.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.395+/-1.145 χ^2/NDF : 294.1/17

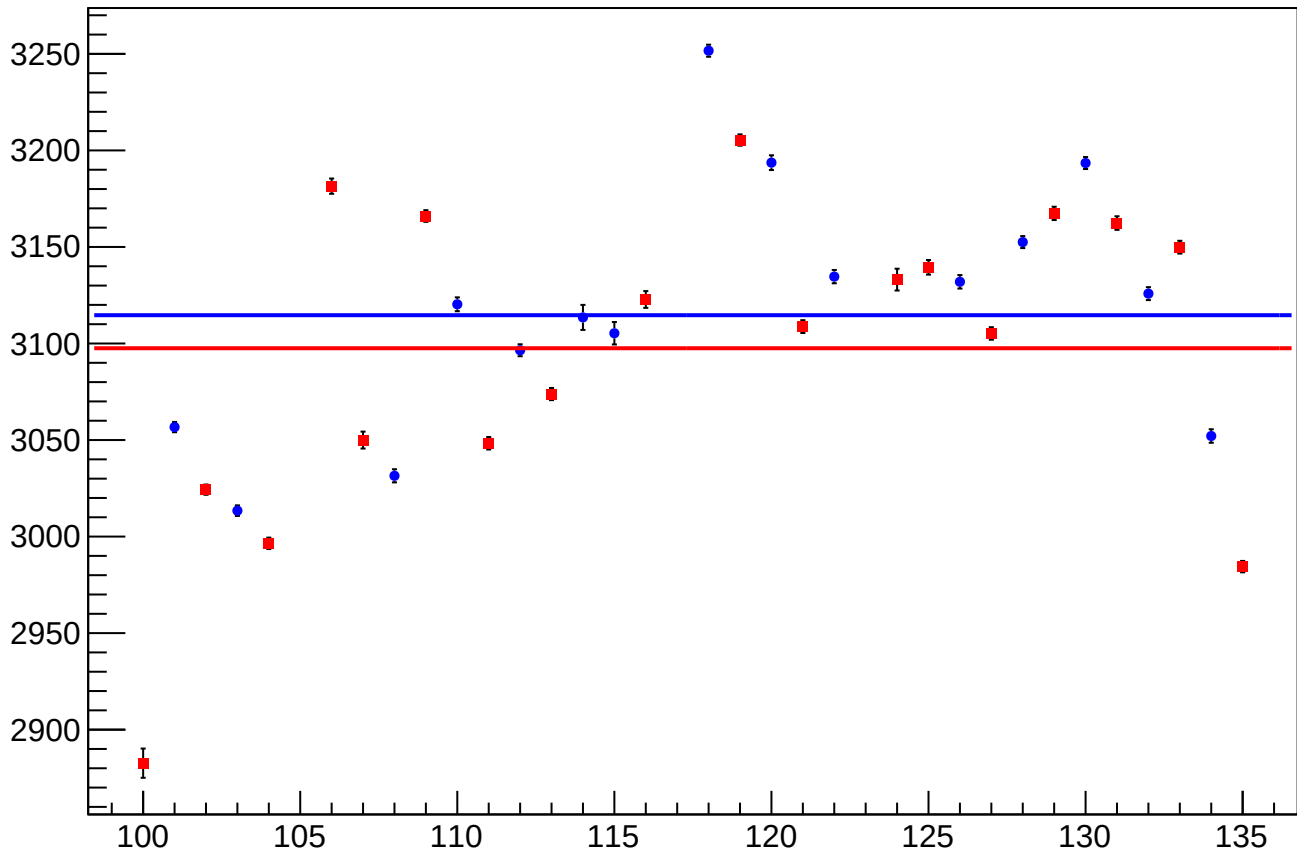
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.368+/-0.840 χ^2/NDF : 430.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l01X_rms vs Slug



Right In: 3114.659 $\pm$ 0.874 χ^2 /NDF: 6004.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3097.547 $\pm$ 0.810 χ^2 /NDF: 8150.5/17

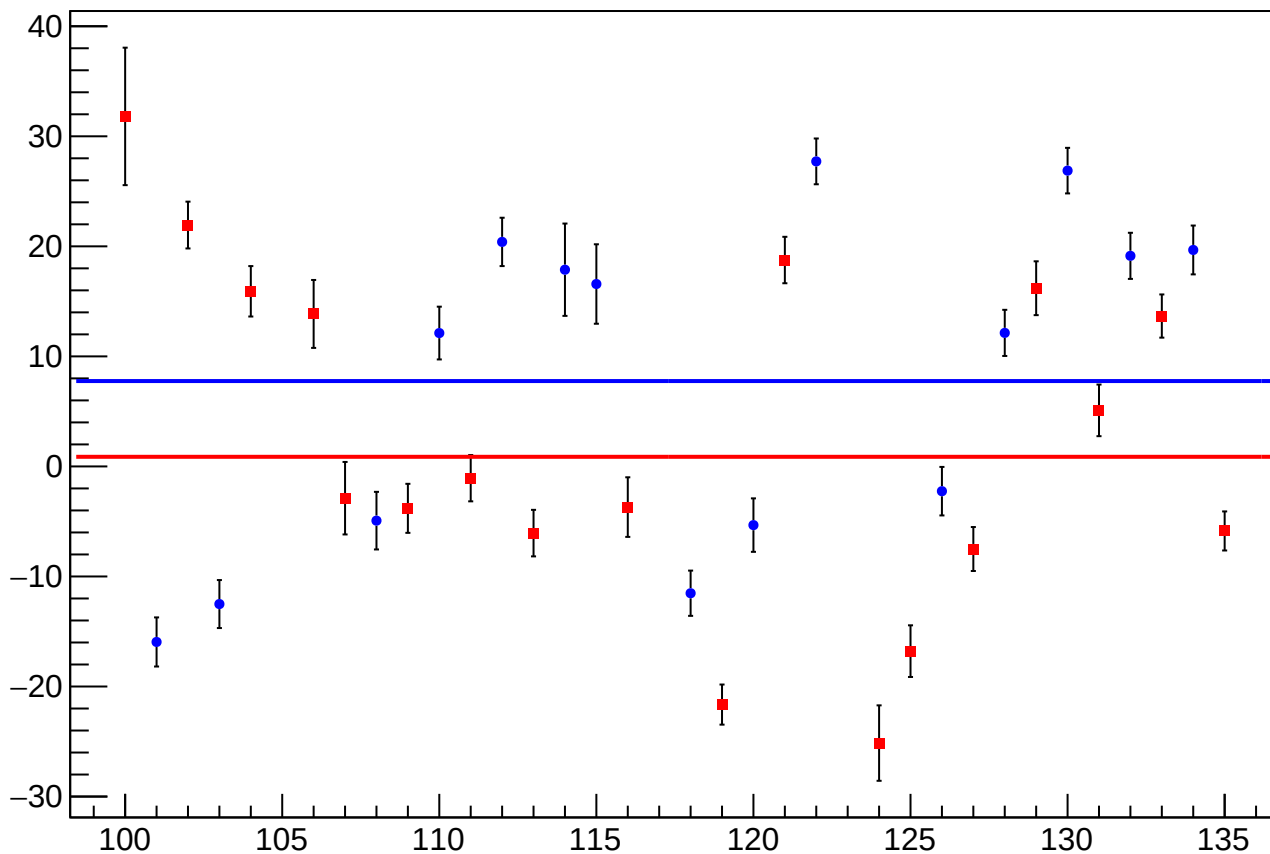
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3105.457 $\pm$ 0.594 χ^2 /NDF: 14360.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_mean vs Slug



Right In: 7.758 $\pm$ 0.597 χ^2 /NDF: 648.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.875 $\pm$ 0.543 χ^2 /NDF: 659.1/17

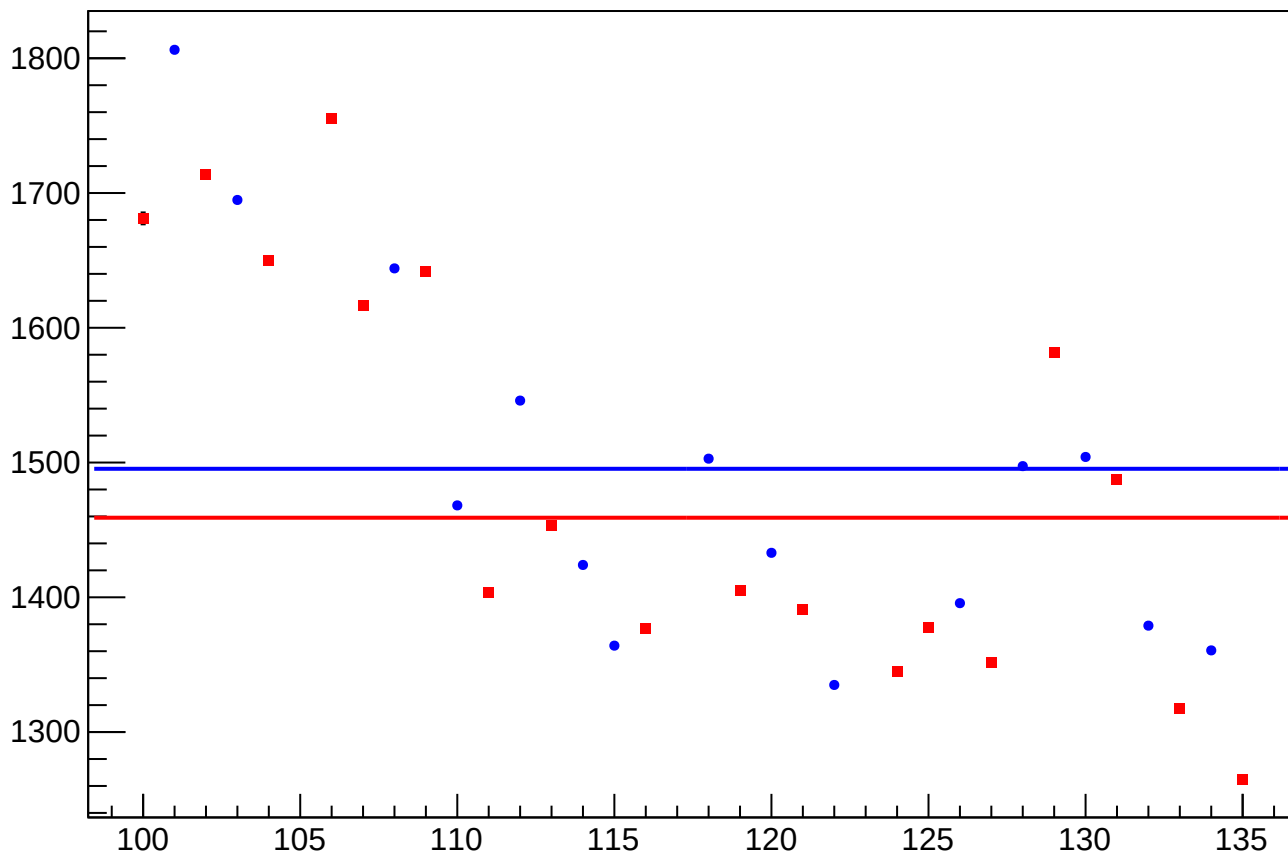
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.992 $\pm$ 0.402 χ^2 /NDF: 1380.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l01Y_rms vs Slug



Right In: 1495.359+/-0.422 χ^2/NDF : 97471.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1459.052+/-0.384 χ^2/NDF : 138431.2/17

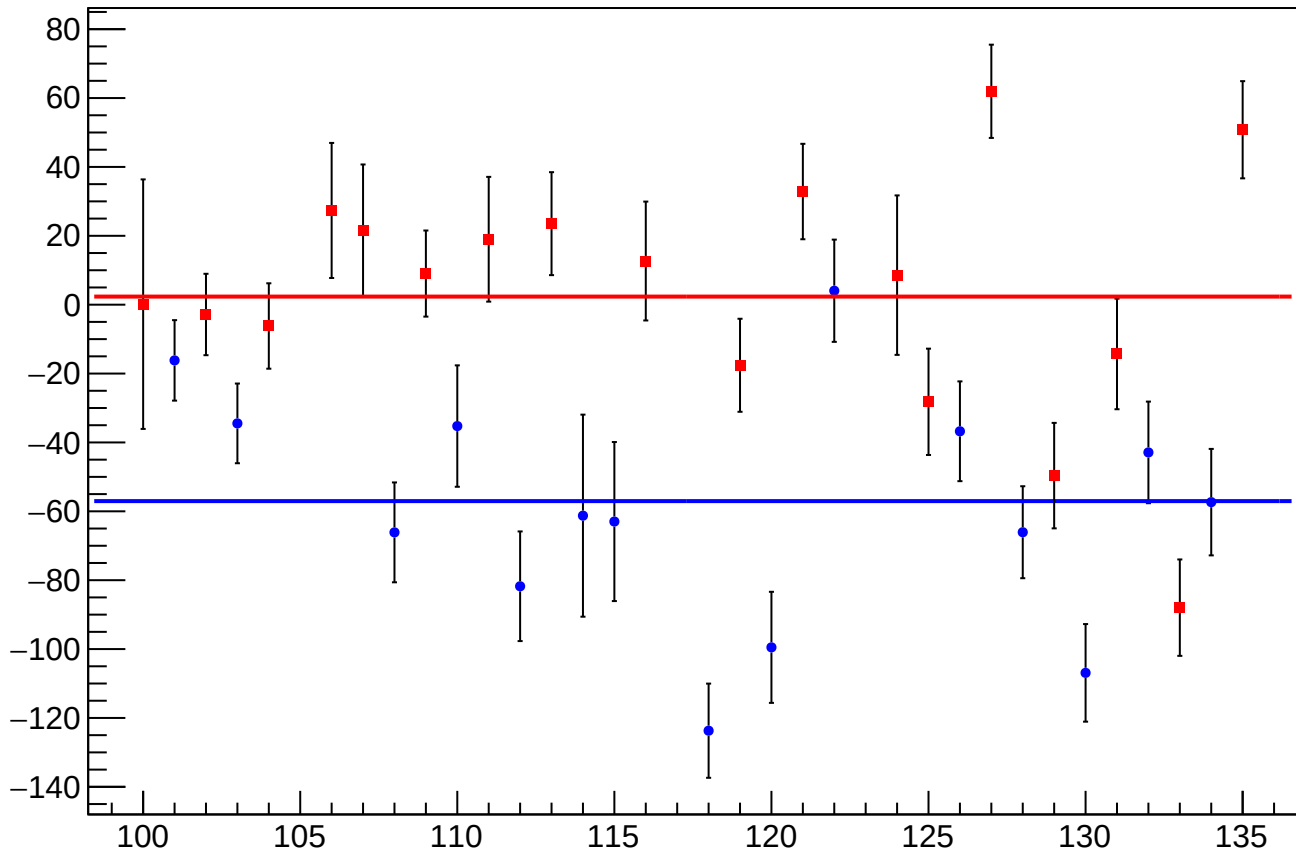
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1475.494+/-0.284 χ^2/NDF : 239950.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02X_mean vs Slug



Right In: -57.038 $\pm$ 3.846 χ^2 /NDF: 83.8/14

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

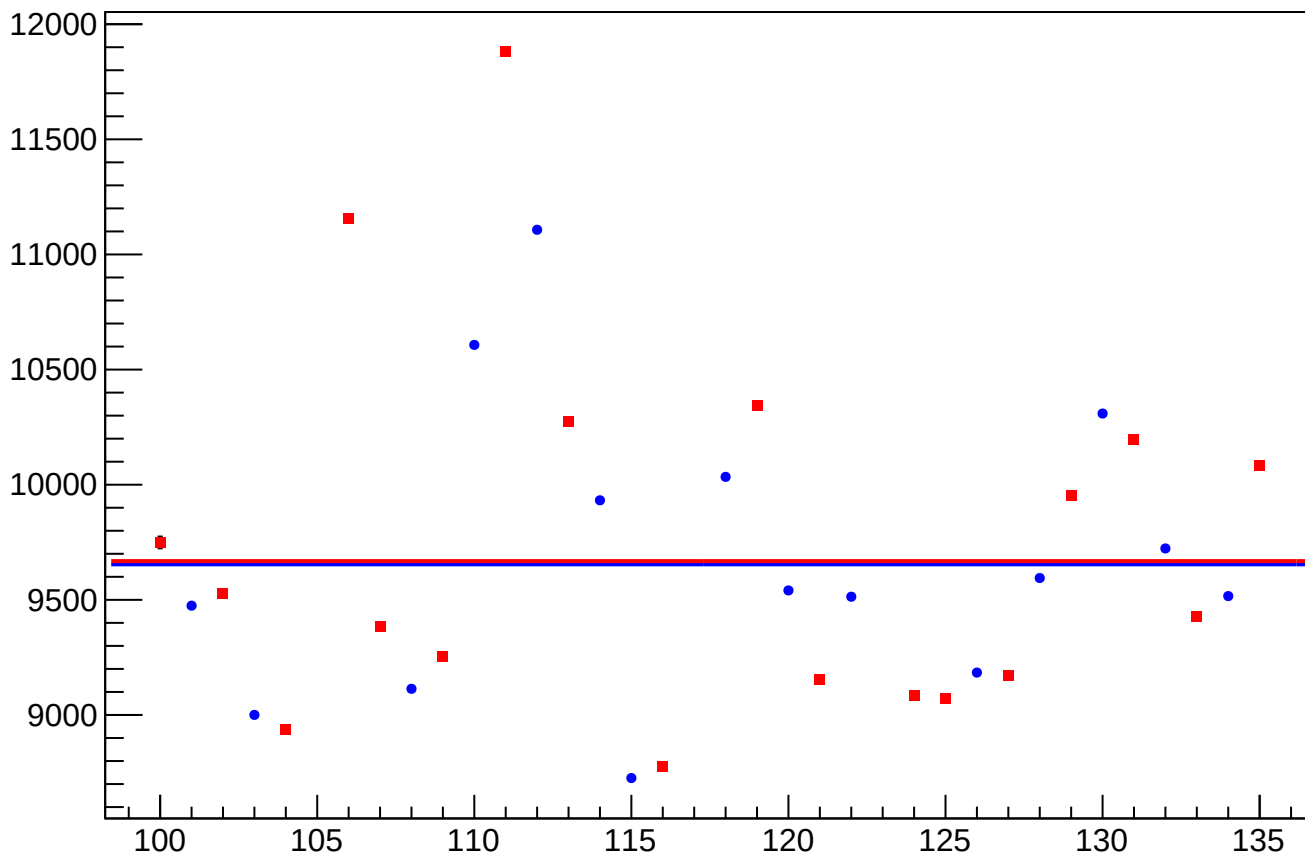
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -25.315 $\pm$ 2.625 χ^2 /NDF: 314.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l02X_rms vs Slug



Right In: 9654.181+/-2.719 χ^2/NDF : 43998.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9668.283+/-2.540 χ^2/NDF : 79873.9/17

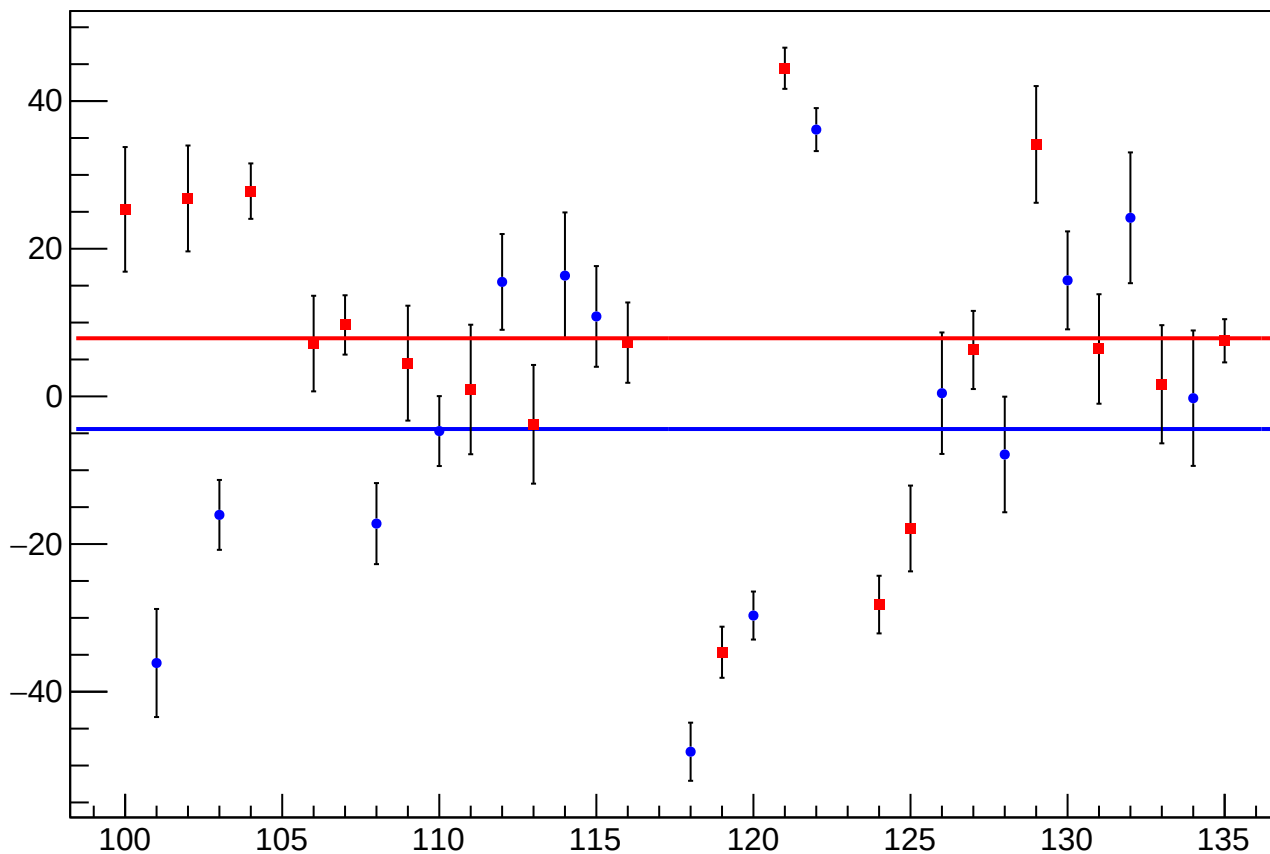
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9661.713+/-1.856 χ^2/NDF : 123886.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_mean vs Slug



Right In: -4.420 ± 1.342 χ^2/NDF : 448.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.873 ± 1.133 χ^2/NDF : 482.3/17

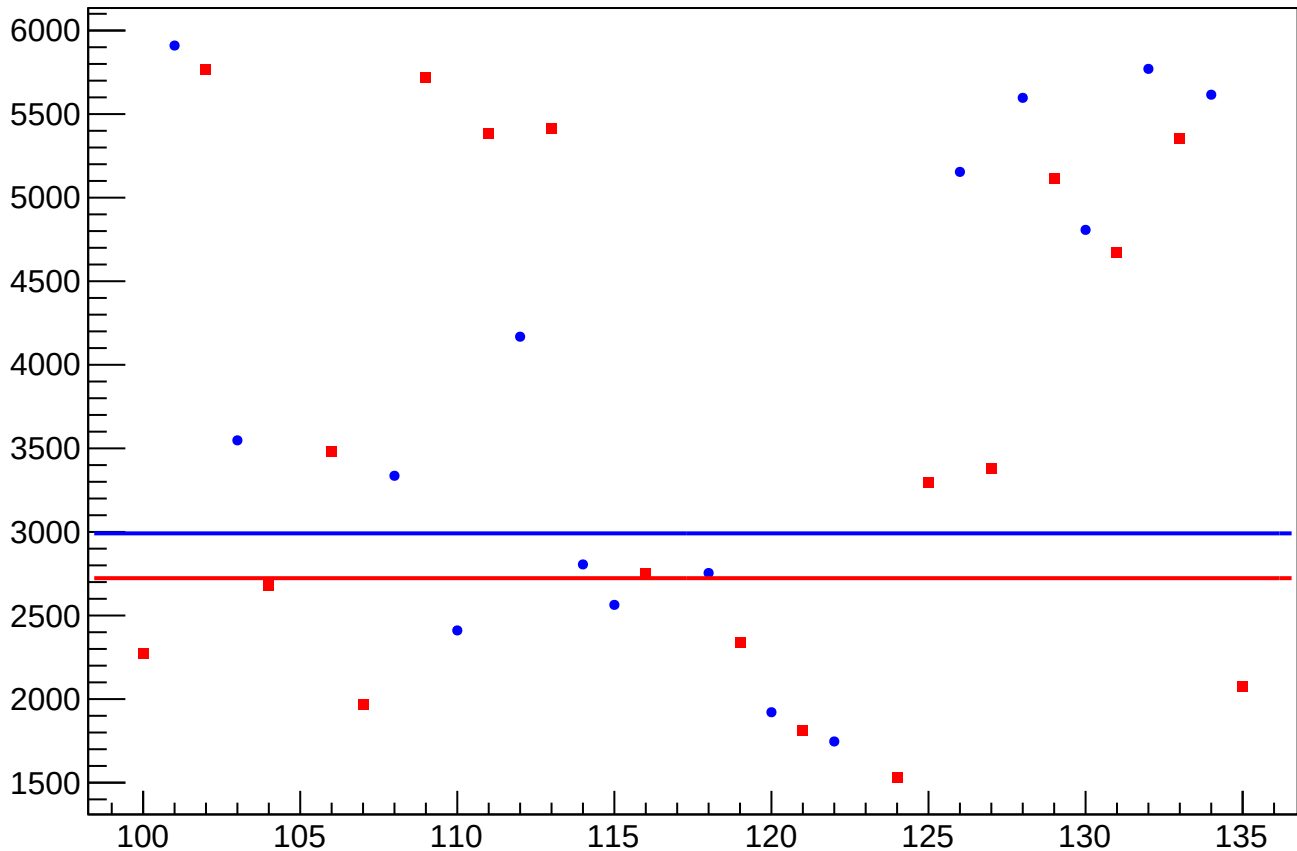
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.754 ± 0.866 χ^2/NDF : 979.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l02Y_rms vs Slug



Right In: 2991.517 $\pm$ 0.949 χ^2 /NDF: 1917962.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

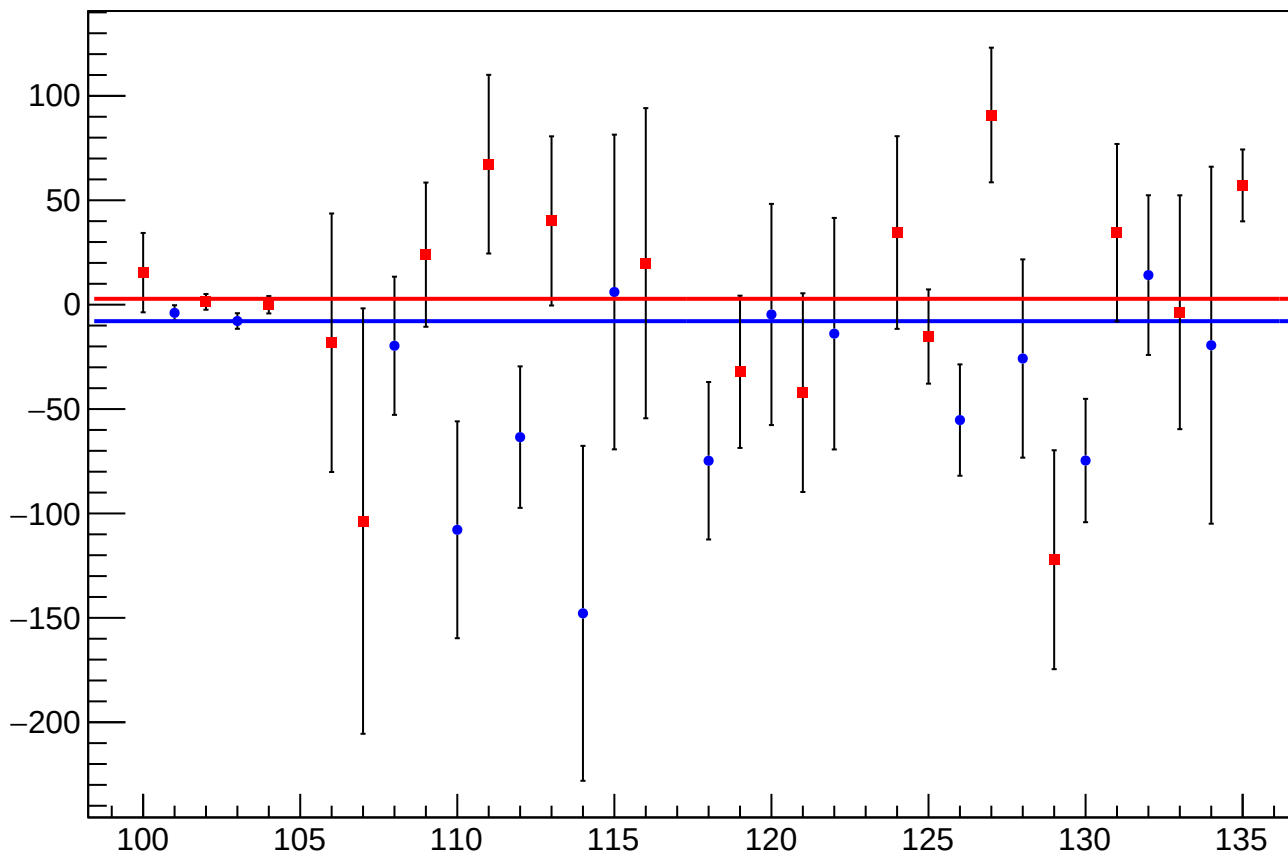
Right Out: 2723.395 $\pm$ 0.801 χ^2 /NDF: 2277858.9/17

All: 2835.048 $\pm$ 0.612 χ^2 /NDF: 4242427.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03X_mean vs Slug



Right In: -7.898+/-2.549 χ^2/NDF : 22.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.806+/-2.641 χ^2/NDF : 32.4/17

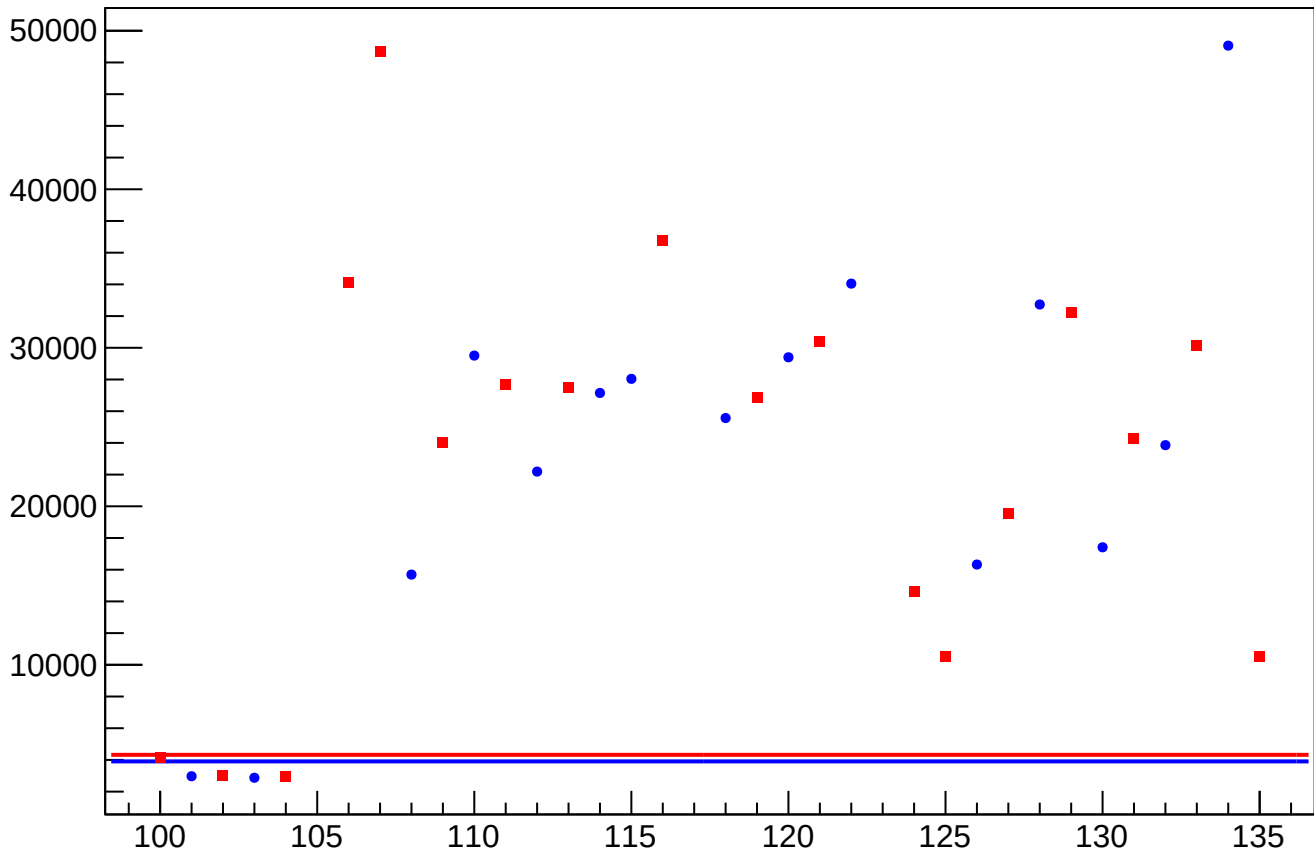
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.735+/-1.834 χ^2/NDF : 63.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03X_rms vs Slug



Right In: 3906.475+/-1.803 χ^2/NDF : 6383058.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

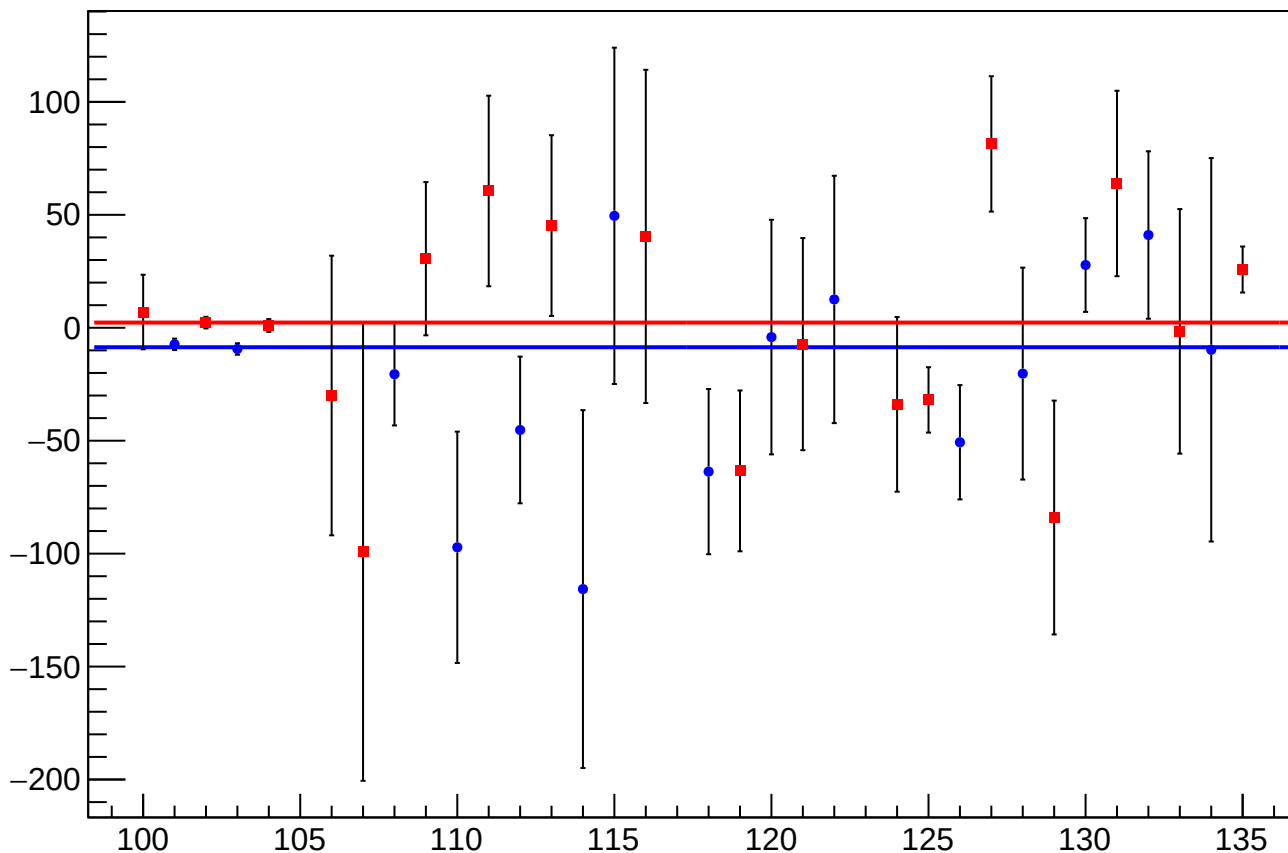
Right Out: 4320.603+/-1.868 χ^2/NDF : 7342654.5/17

All: 4106.222+/-1.297 χ^2/NDF : 13751168.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l03Y_mean vs Slug



Right In: -8.614 $\pm$ 1.761 χ^2 /NDF: 17.5/14

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

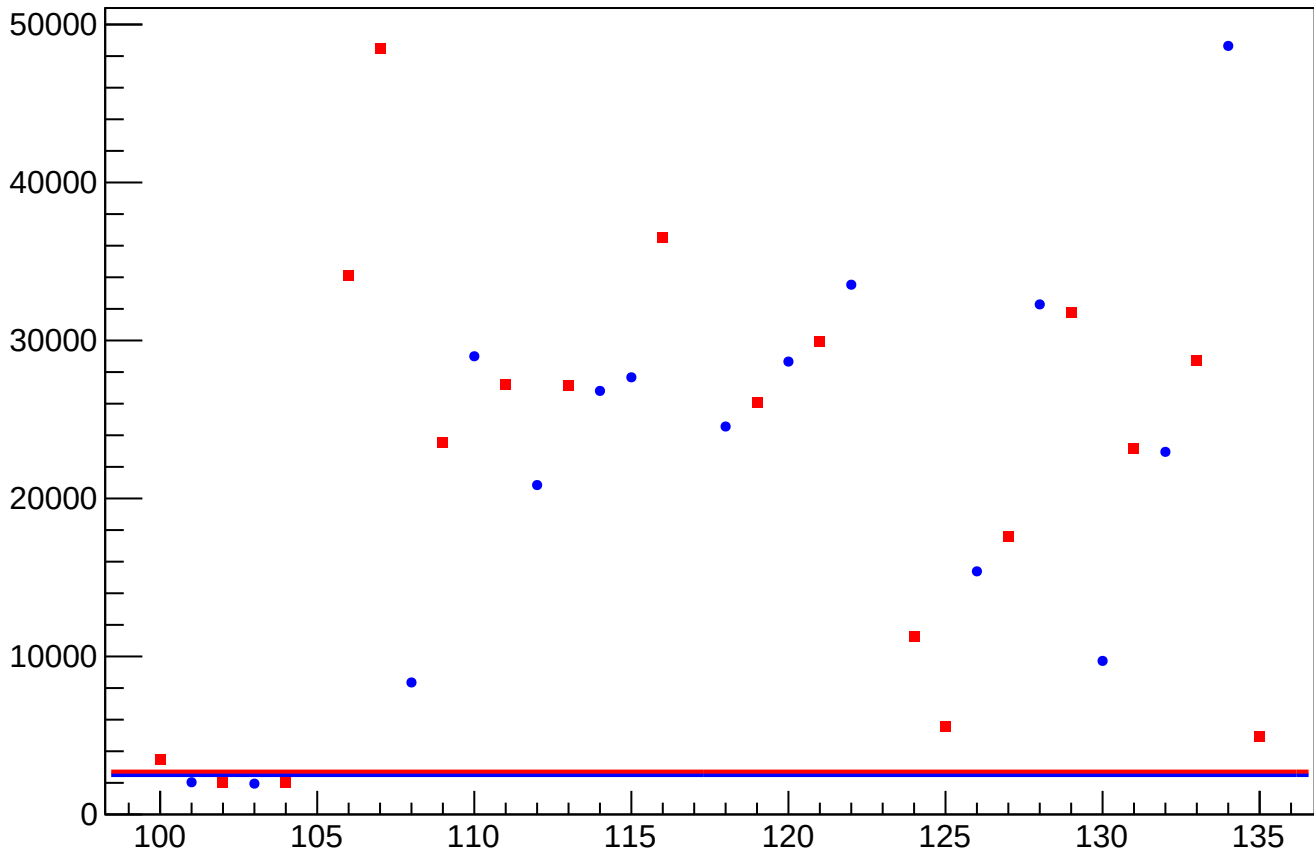
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.343 $\pm$ 1.266 χ^2 /NDF: 68.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l03Y_rms vs Slug



Right In: 2493.288+/-1.245 χ^2/NDF : 6528539.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2713.045+/-1.288 χ^2/NDF : 7673570.3/17

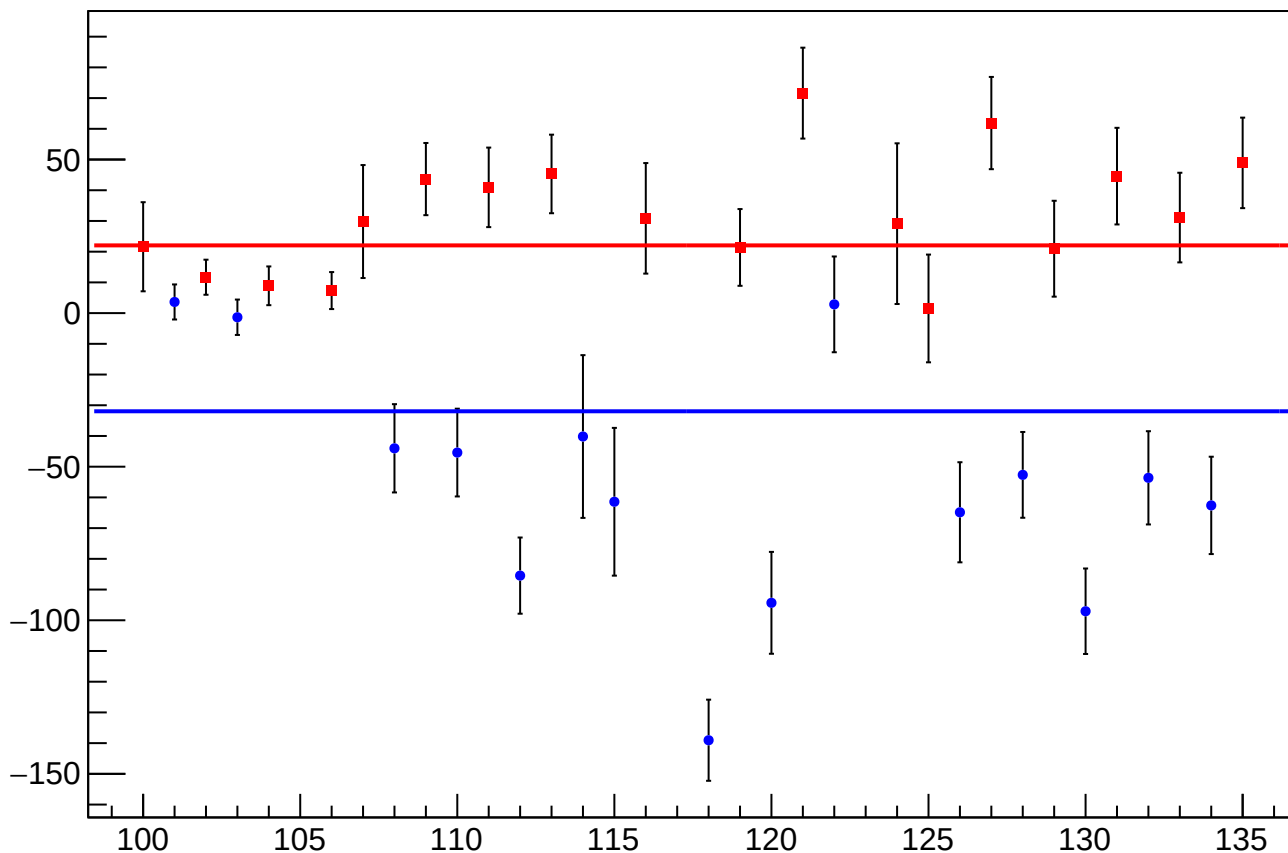
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2599.400+/-0.895 χ^2/NDF : 14217153.1/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04X_mean vs Slug



Right In: -31.961 $\pm$ 2.935 χ^2 /NDF: 207.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.047 $\pm$ 2.573 χ^2 /NDF: 48.3/17

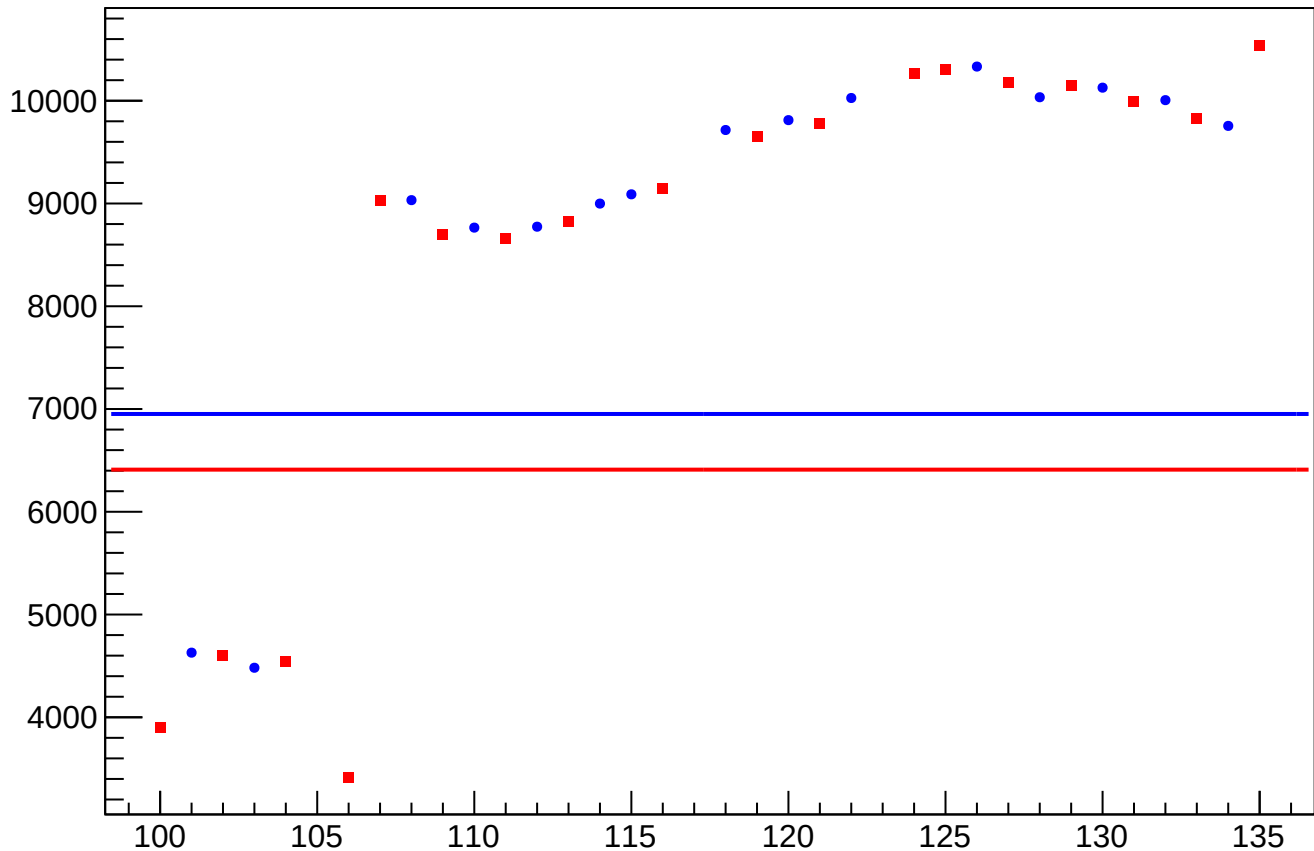
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.417 $\pm$ 1.935 χ^2 /NDF: 447.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04X_rms vs Slug



Right In: 6951.689+/-2.075 χ^2/NDF : 1499779.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

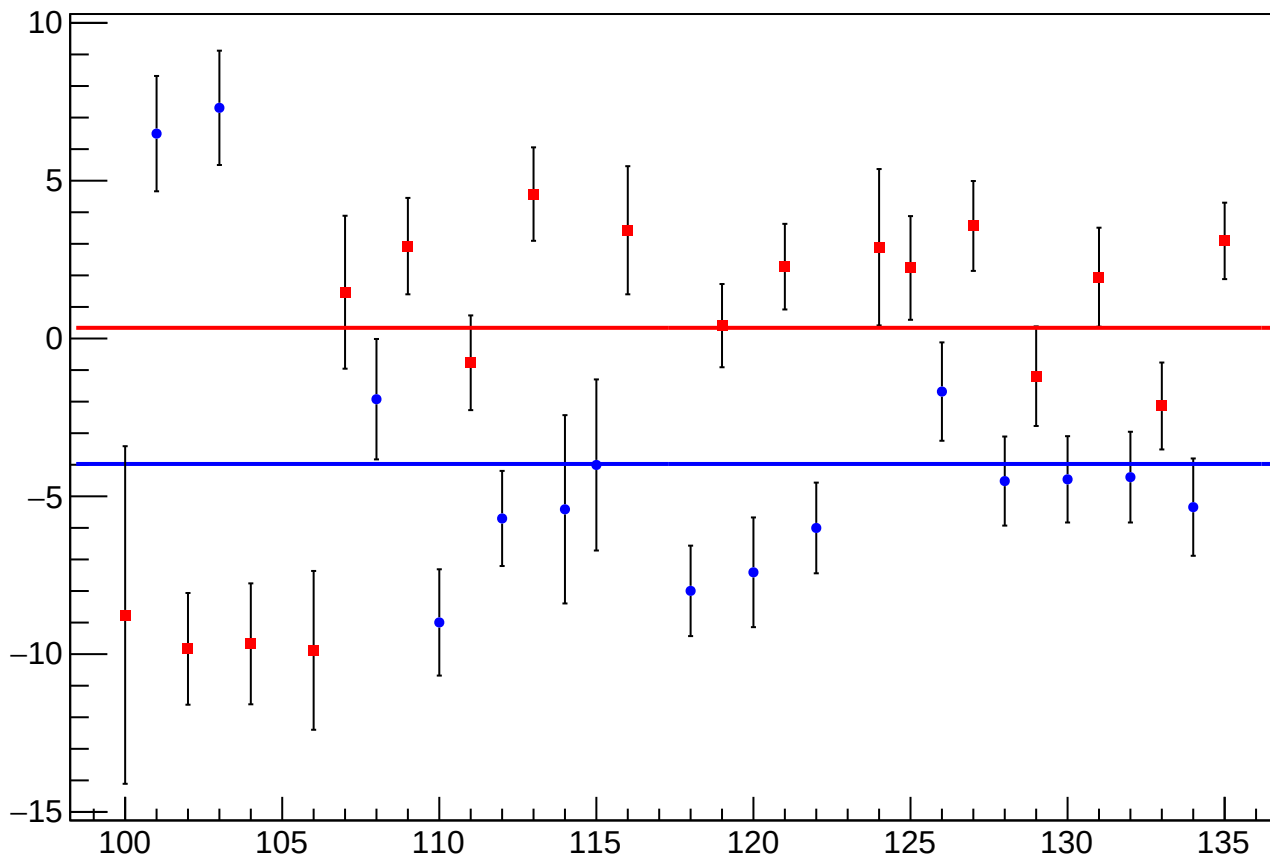
Right Out: 6410.031+/-1.819 χ^2/NDF : 2214590.9/17

All: 6645.362+/-1.368 χ^2/NDF : 3752888.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l04Y_mean vs Slug



Right In: -3.975+/-0.423 χ^2 /NDF: 100.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 0.339+/-0.387 χ^2 /NDF: 113.9/17

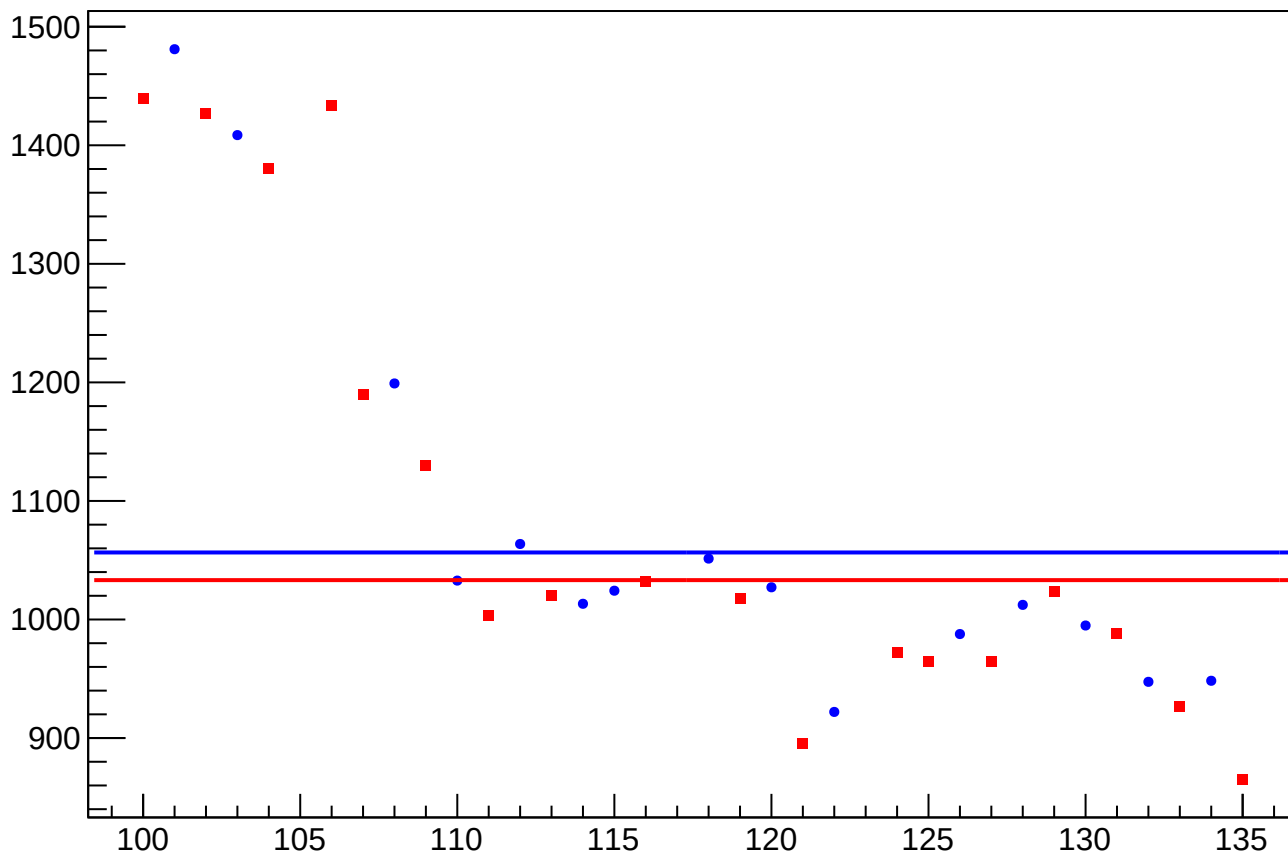
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.622+/-0.286 χ^2 /NDF: 270.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l04Y_rms vs Slug



Right In: 1056.538 $\pm$ 0.299 χ^2 /NDF: 245281.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

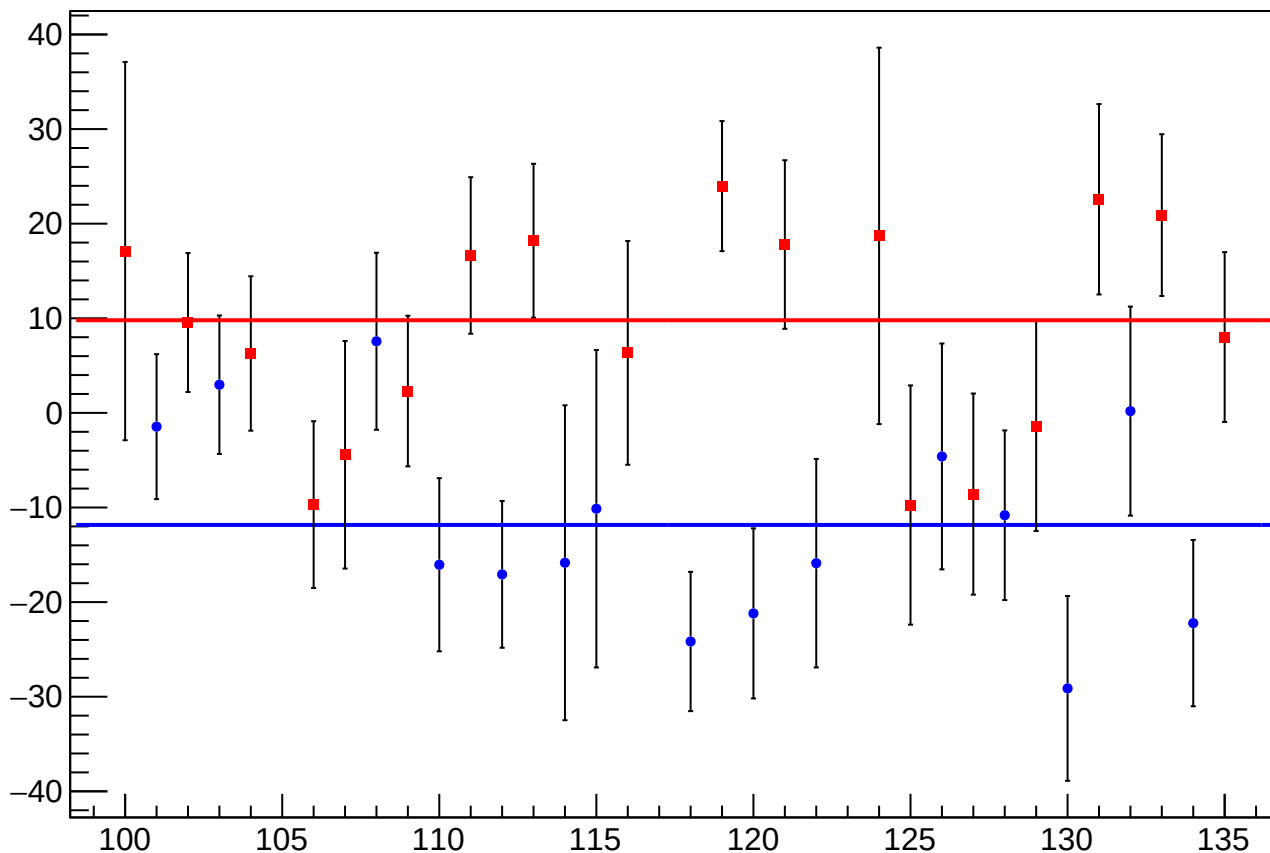
Right Out: 1033.211 $\pm$ 0.273 χ^2 /NDF: 326376.9/17

All: 1043.815 $\pm$ 0.202 χ^2 /NDF: 574968.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l05X_mean vs Slug



Right In: -11.843 ± 2.404 χ^2/NDF : 21.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 9.793 ± 2.214 χ^2/NDF : 24.3/17

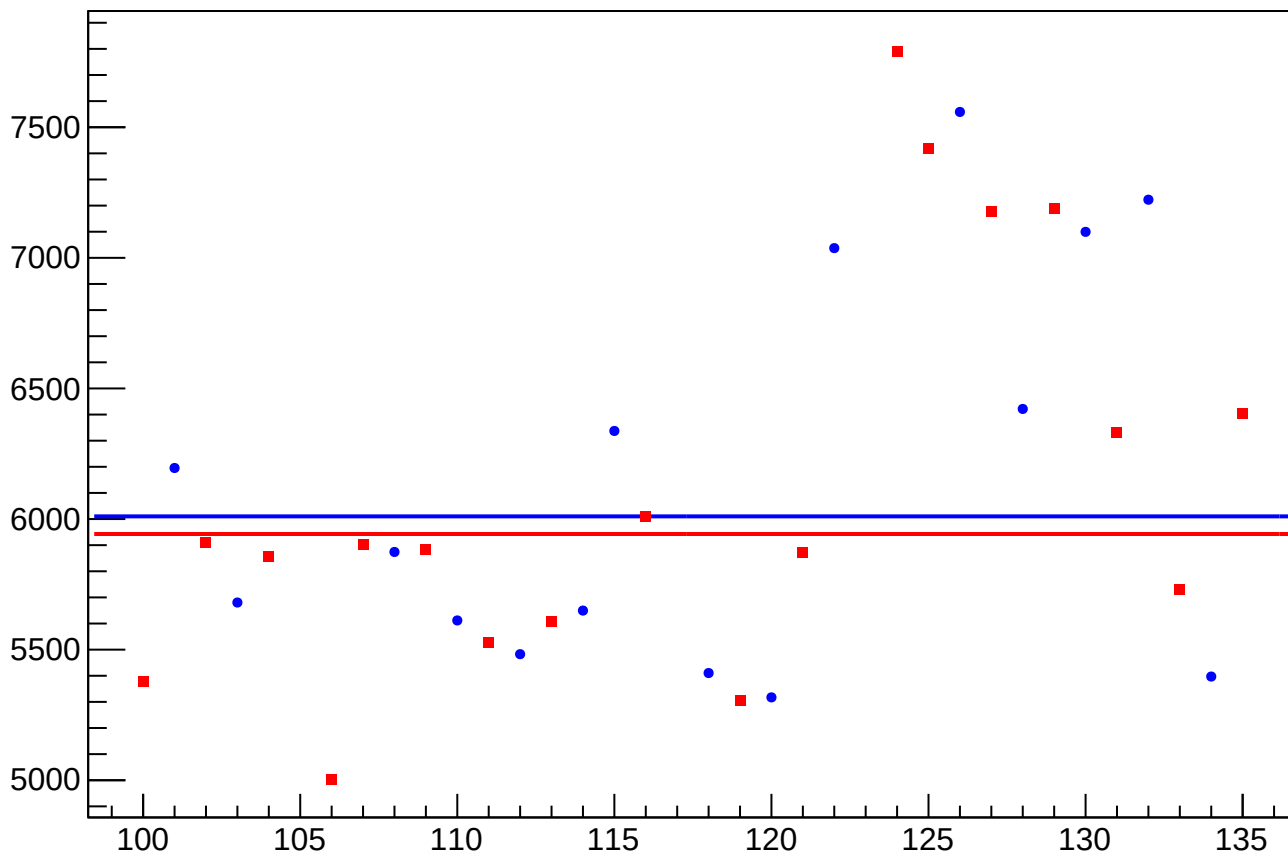
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.136 ± 1.629 χ^2/NDF : 89.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l05X_rms vs Slug



Right In: 6010.246+/-1.700 χ^2/NDF : 159485.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

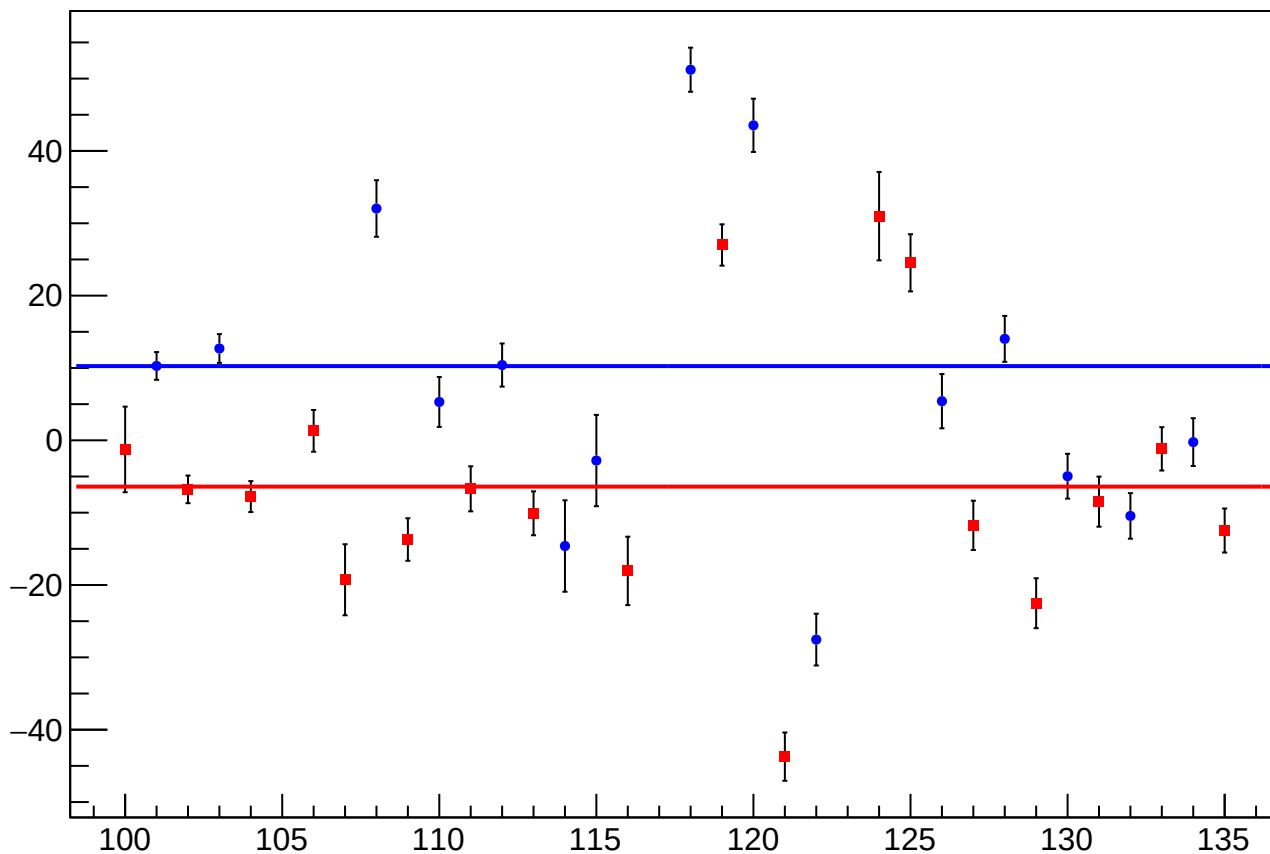
Right Out: 5942.778+/-1.566 χ^2/NDF : 156585.8/17

All: 5973.739+/-1.152 χ^2/NDF : 316923.3/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_mean vs Slug



Right In: 10.259+/-0.800 χ^2/NDF : 508.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -6.396+/-0.739 χ^2/NDF : 421.2/17

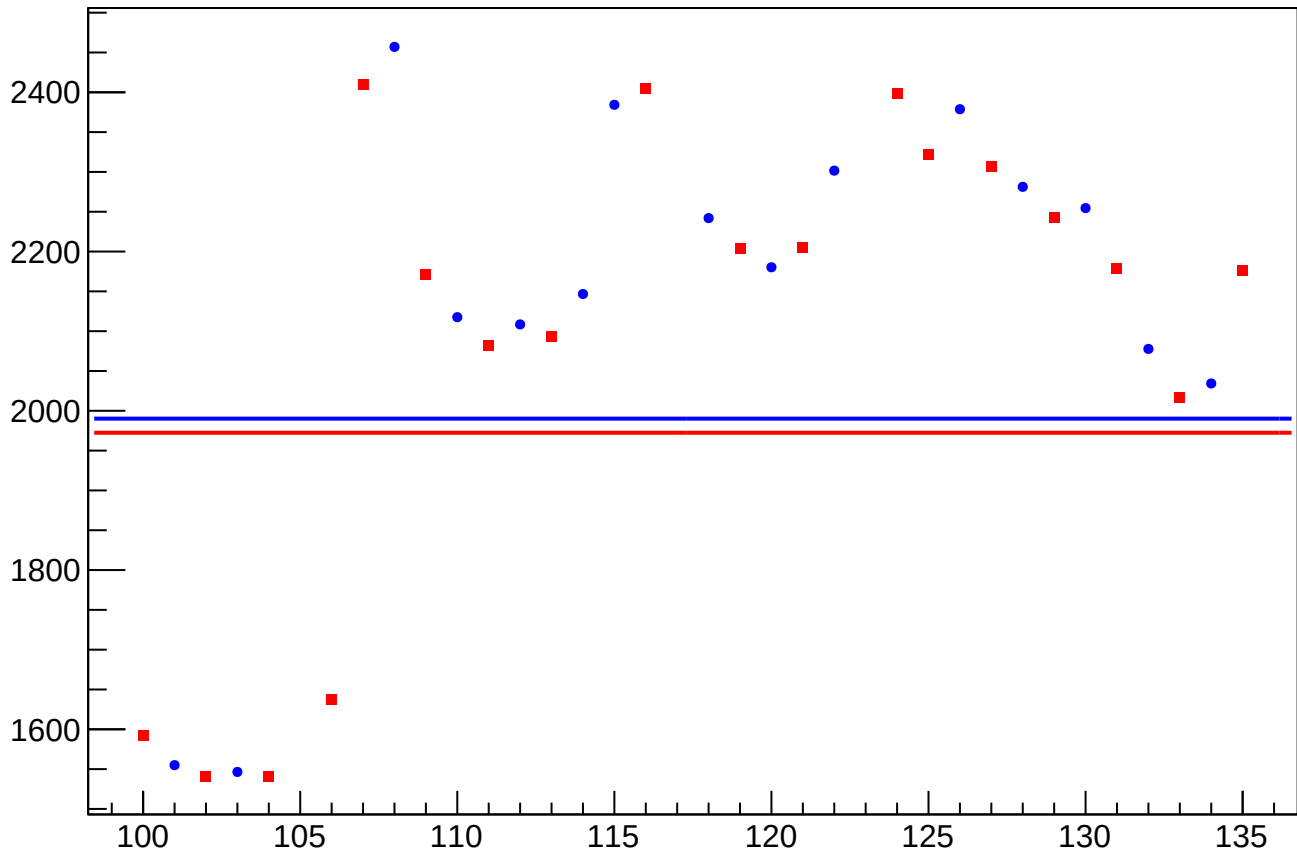
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.274+/-0.543 χ^2/NDF : 1163.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l05Y_rms vs Slug



Right In: 1990.162+/-0.566 χ^2/NDF : 334971.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1972.446+/-0.523 χ^2/NDF : 362559.0/17

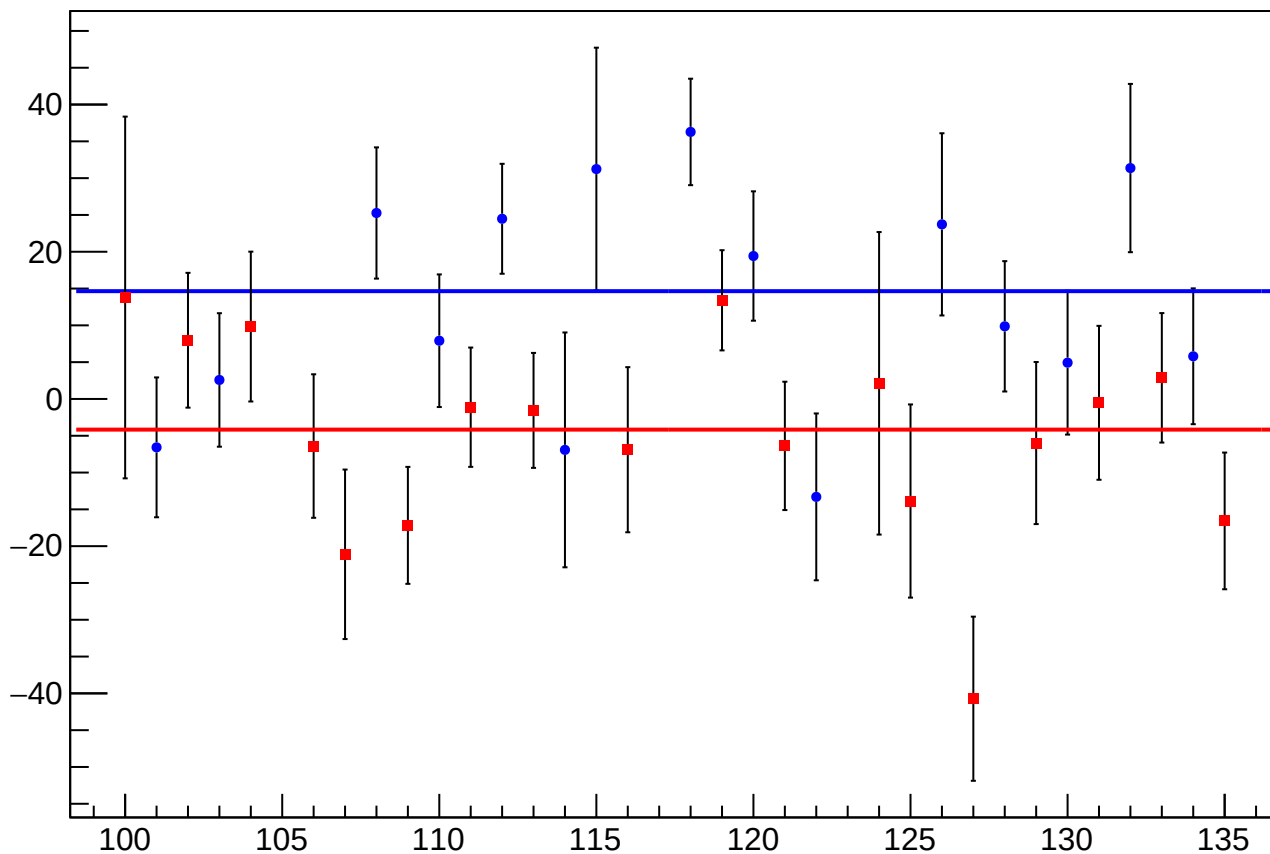
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1980.604+/-0.384 χ^2/NDF : 698060.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l06X_mean vs Slug



Right In: 14.646 $\pm$ 2.479 χ^2 /NDF: 33.5/14

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

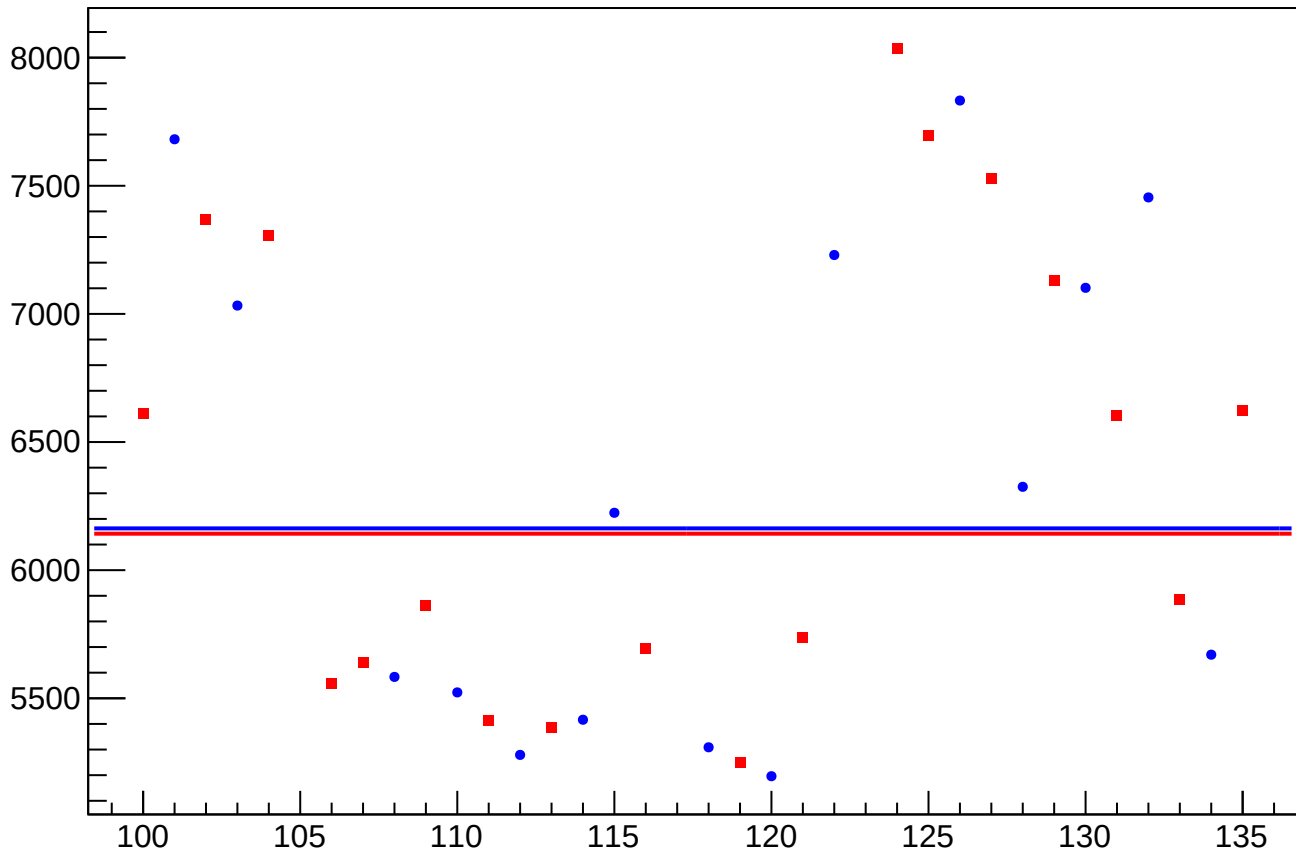
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.521 $\pm$ 1.685 χ^2 /NDF: 94.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06X_rms vs Slug



Right In: 6163.020 $\pm$ 1.753 χ^2 /NDF: 277040.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

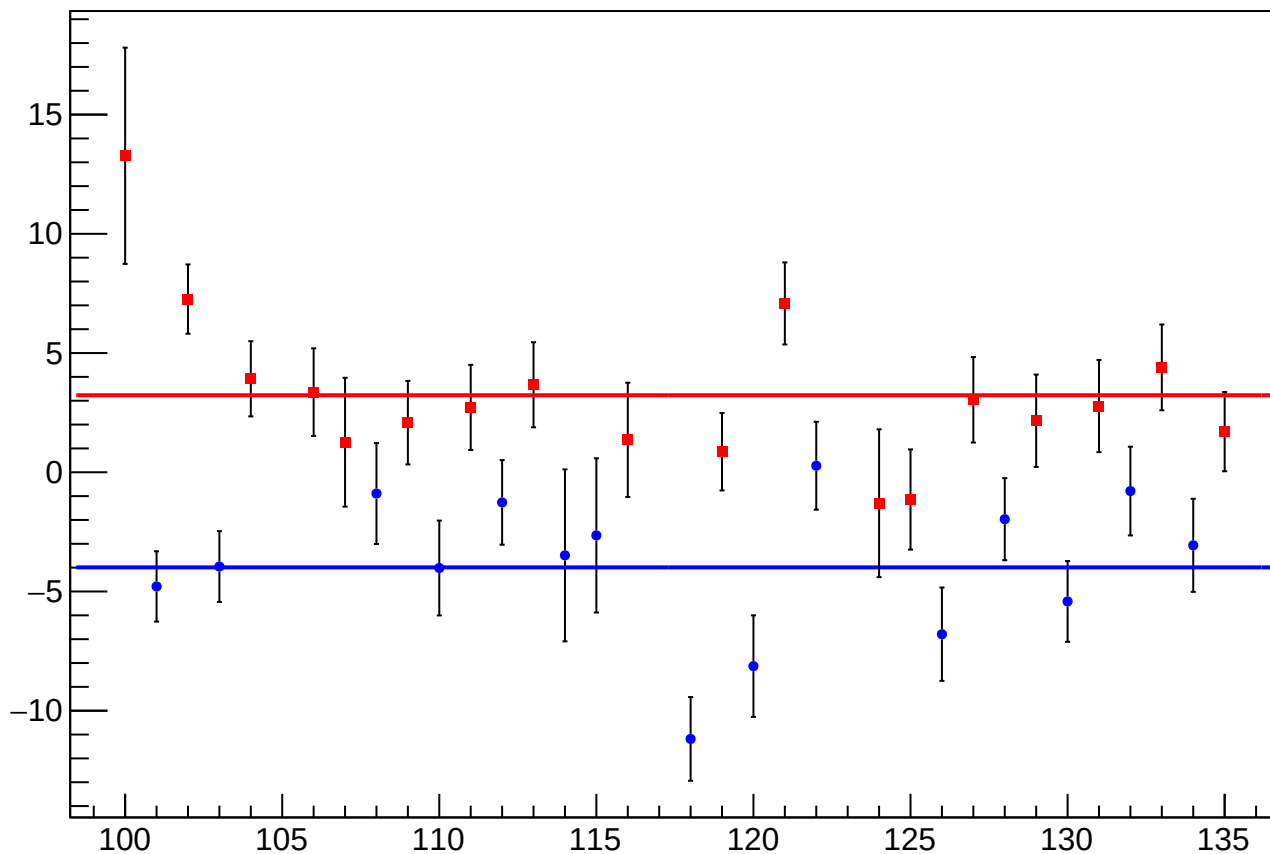
Right Out: 6142.357 $\pm$ 1.624 χ^2 /NDF: 256003.3/17

All: 6151.900 $\pm$ 1.191 χ^2 /NDF: 533118.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l06Y_mean vs Slug



Right In: -3.989 ± 0.487 χ^2/NDF : 38.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.231 ± 0.445 χ^2/NDF : 29.8/17

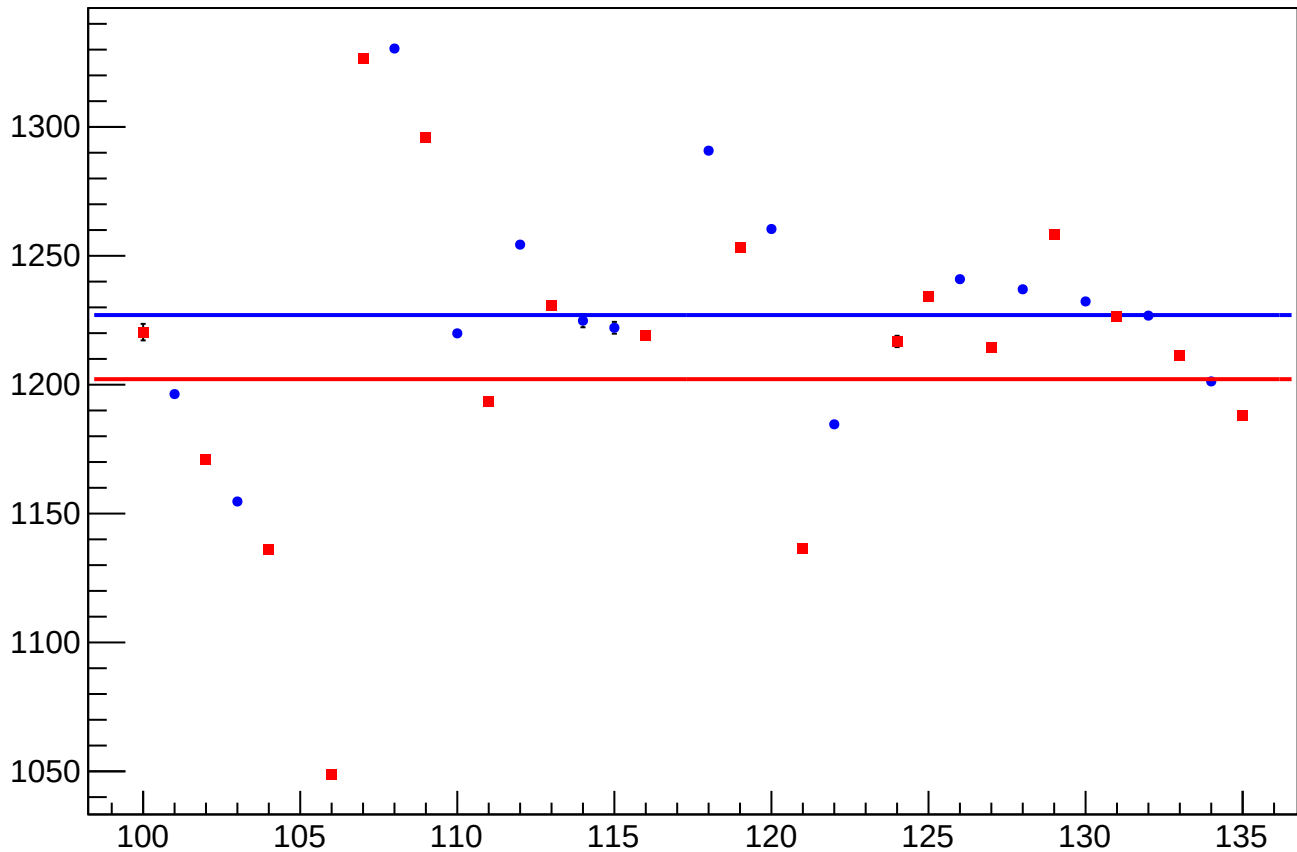
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.055 ± 0.328 χ^2/NDF : 187.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l06Y_rms vs Slug



Right In: 1227.015+/-0.344 χ^2/NDF : 15617.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1202.141+/-0.315 χ^2/NDF : 36732.0/17

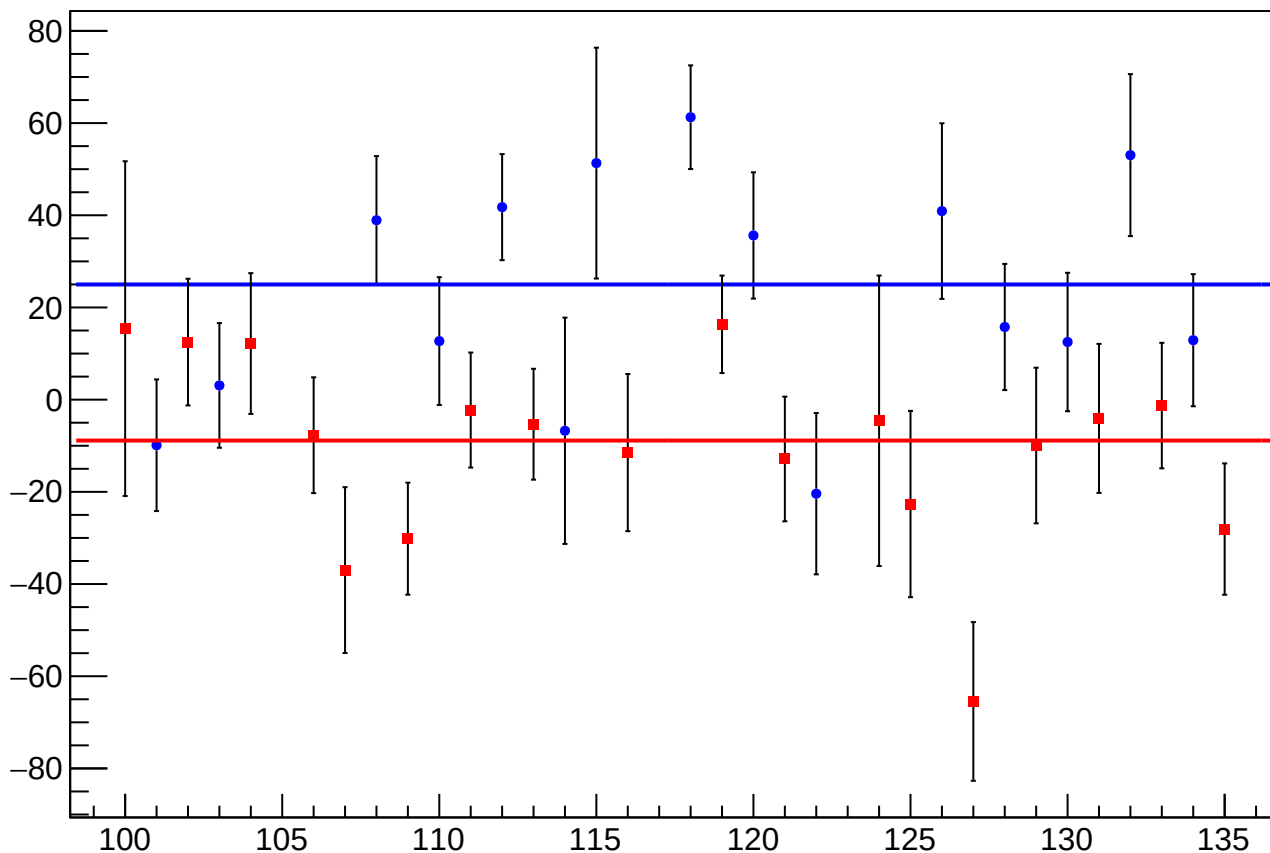
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1213.460+/-0.232 χ^2/NDF : 55193.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07X_mean vs Slug



Right In: 24.991 $\pm$ 3.816 χ^2 /NDF: 38.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -8.867 $\pm$ 3.488 χ^2 /NDF: 30.0/17

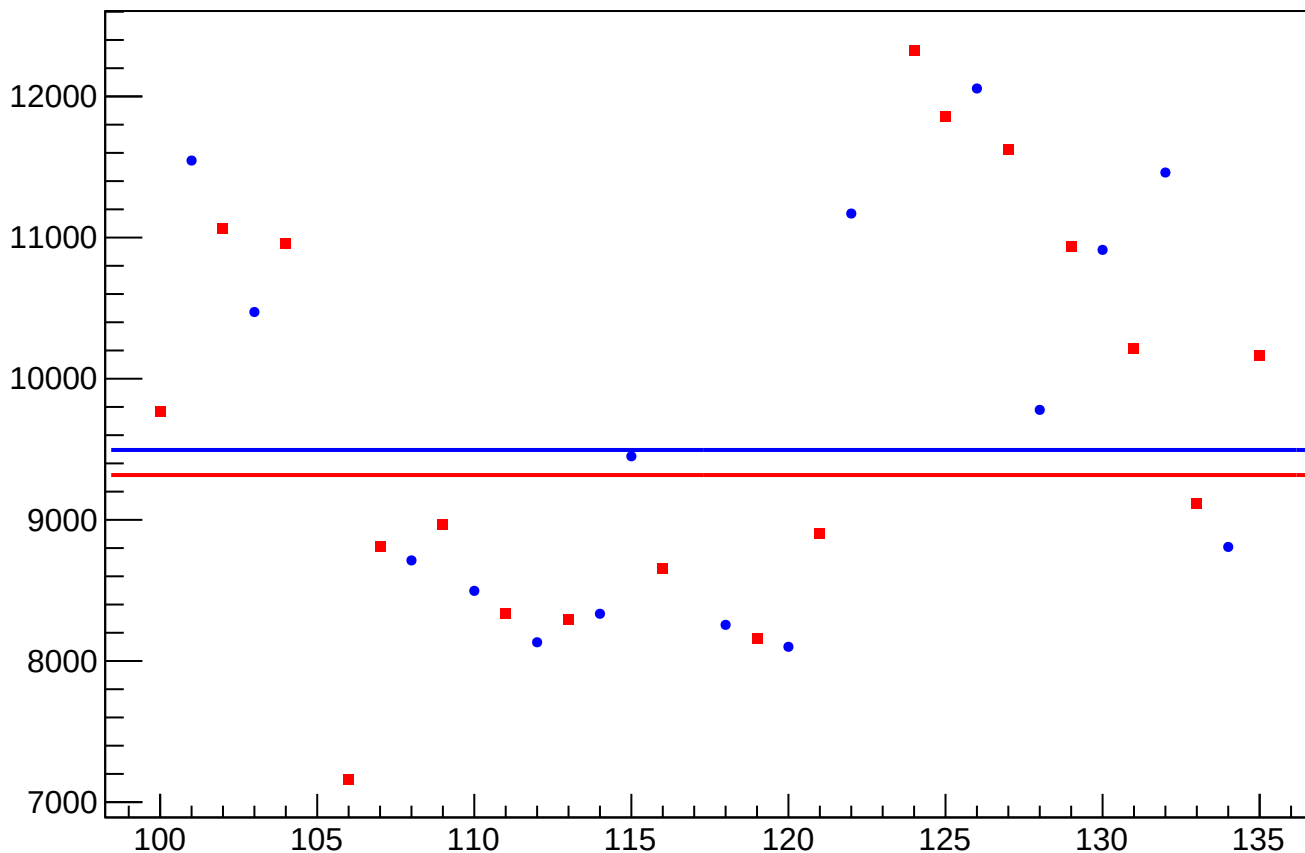
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.546 $\pm$ 2.574 χ^2 /NDF: 111.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l07X_rms vs Slug



Right In: 9495.124+/-2.698 χ^2/NDF : 248721.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

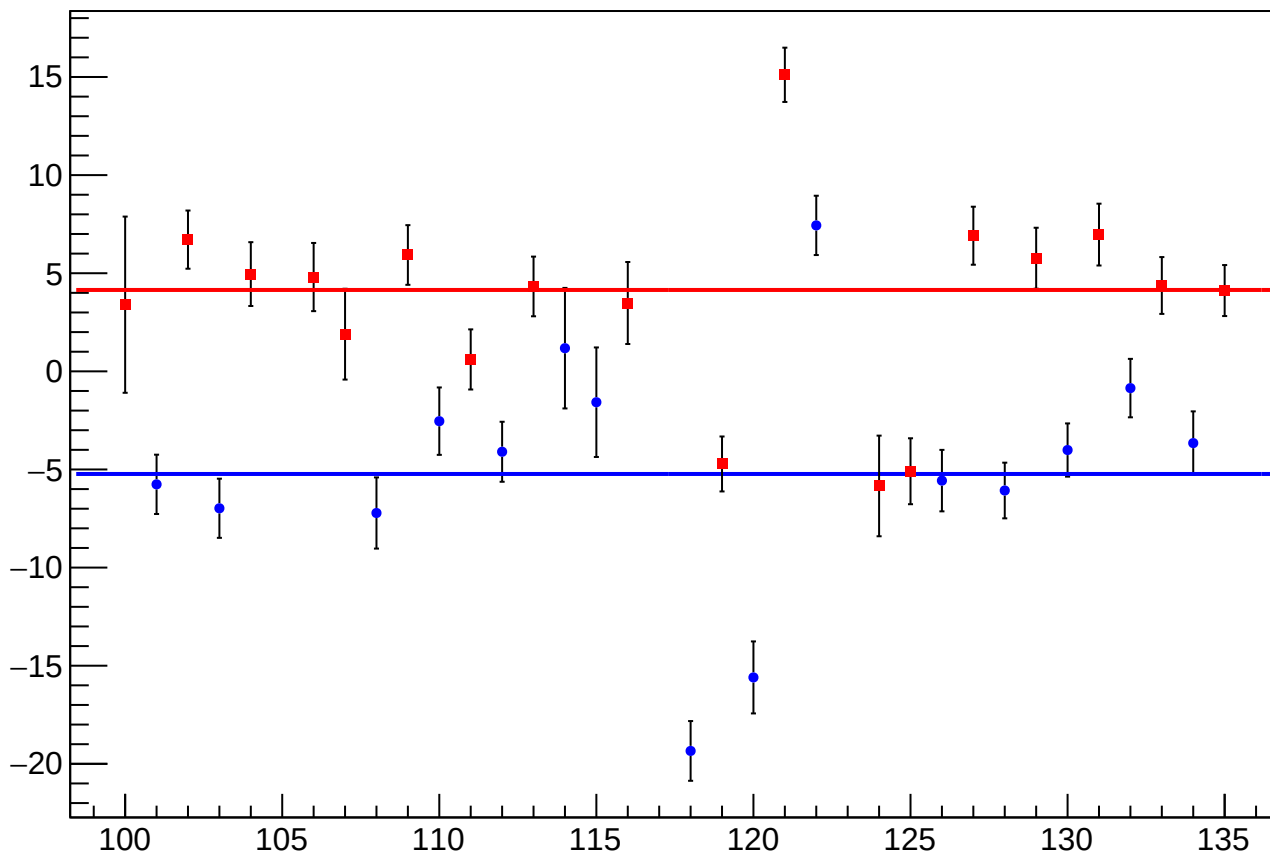
Right Out: 9317.485+/-2.466 χ^2/NDF : 291406.8/17

All: 9398.349+/-1.820 χ^2/NDF : 542489.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_mean vs Slug



Right In: -5.230 ± 0.421 χ^2/NDF : 210.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.147 ± 0.383 χ^2/NDF : 167.4/17

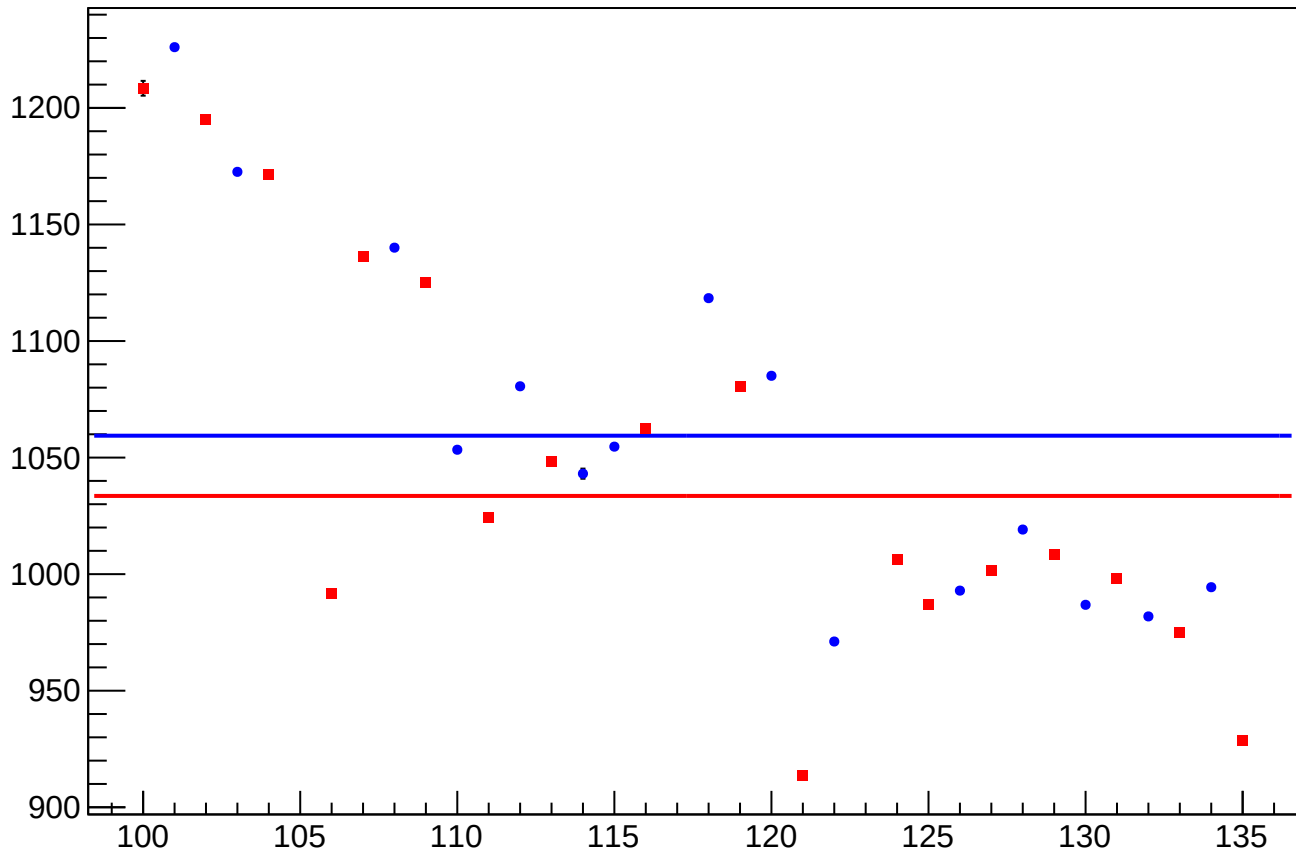
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.099 ± 0.284 χ^2/NDF : 649.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0l07Y_rms vs Slug



Right In: 1059.391 $\pm$ 0.298 χ^2 /NDF: 69824.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1033.553 $\pm$ 0.271 χ^2 /NDF: 91969.5/17

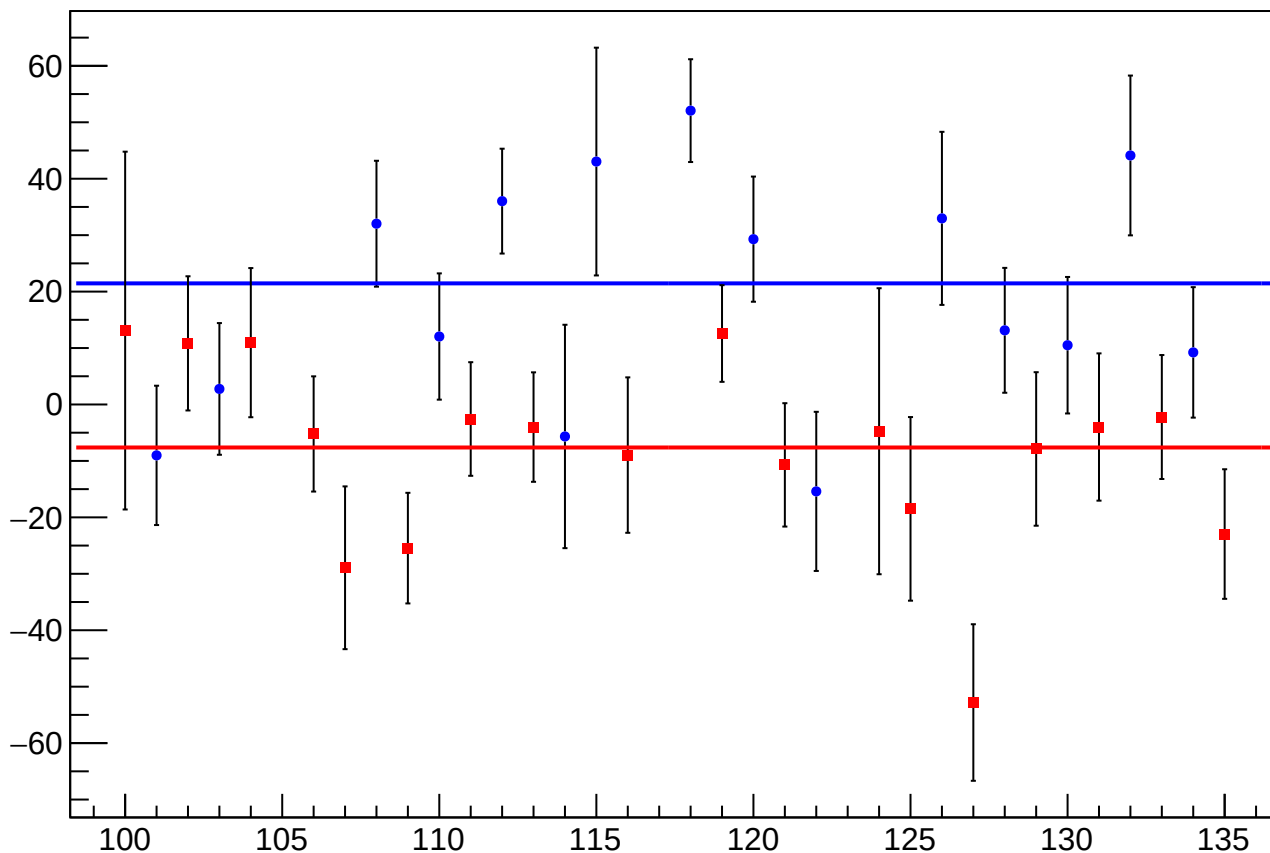
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1045.253 $\pm$ 0.201 χ^2 /NDF: 165908.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_mean vs Slug



Right In: 21.458 $\pm$ 3.108 χ^2 /NDF: 40.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.621 $\pm$ 2.839 χ^2 /NDF: 29.6/17

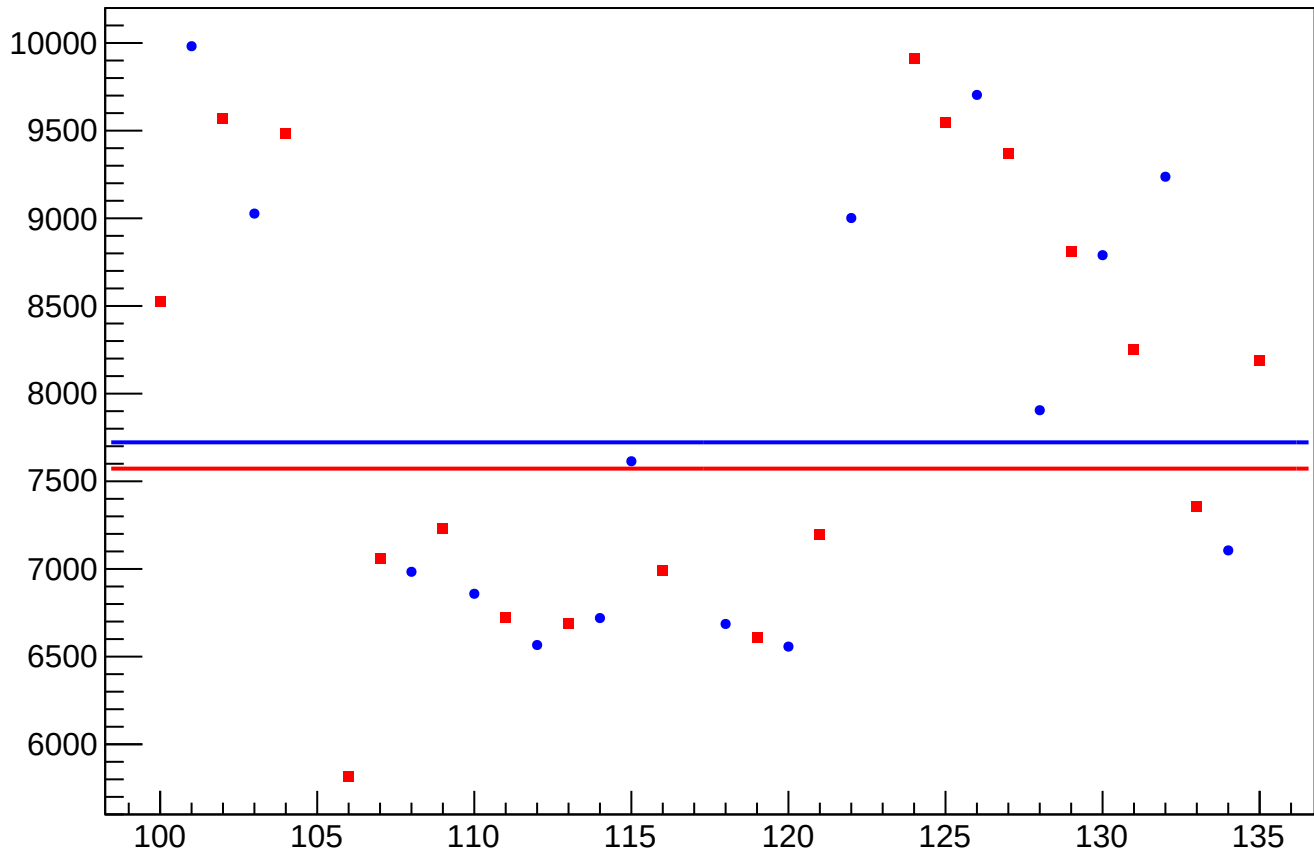
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.602 $\pm$ 2.096 χ^2 /NDF: 117.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08X_rms vs Slug



Right In: 7722.164 $\pm$ 2.198 χ^2 /NDF: 291435.7/14

Left Out: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

Right Out: 7572.365 $\pm$ -2.007 χ^2 /NDF: 334925.8/17

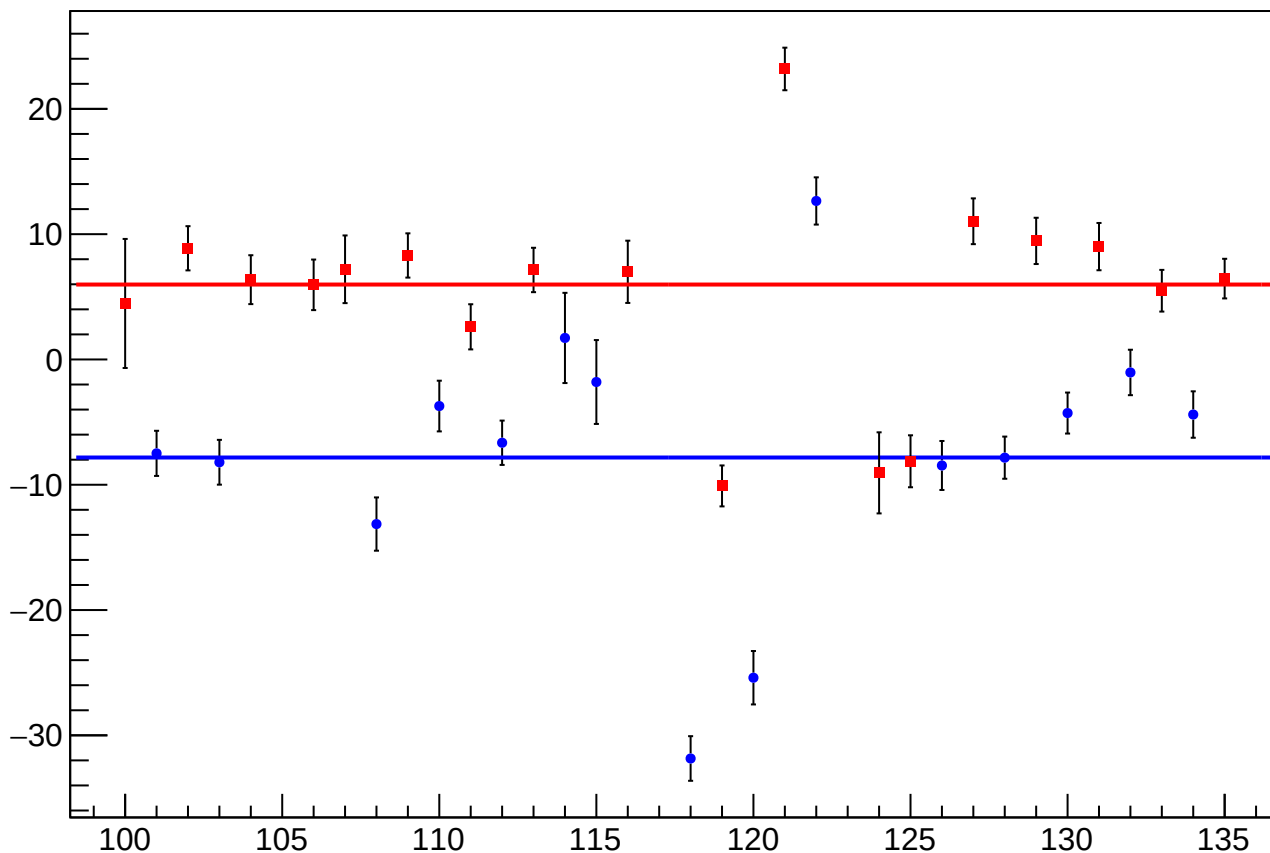
Left In: 0.000 $\pm$ -0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

All: 7640.483 $\pm$ -1.482 χ^2 /NDF: 628894.2/32

- sign 0.000 $\pm$ -0.000 χ^2 /NDF: 0.0/0

diff_bpm0l08Y_mean vs Slug



Right In: -7.826+/-0.502 χ^2/NDF : 411.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.980+/-0.457 χ^2/NDF : 289.9/17

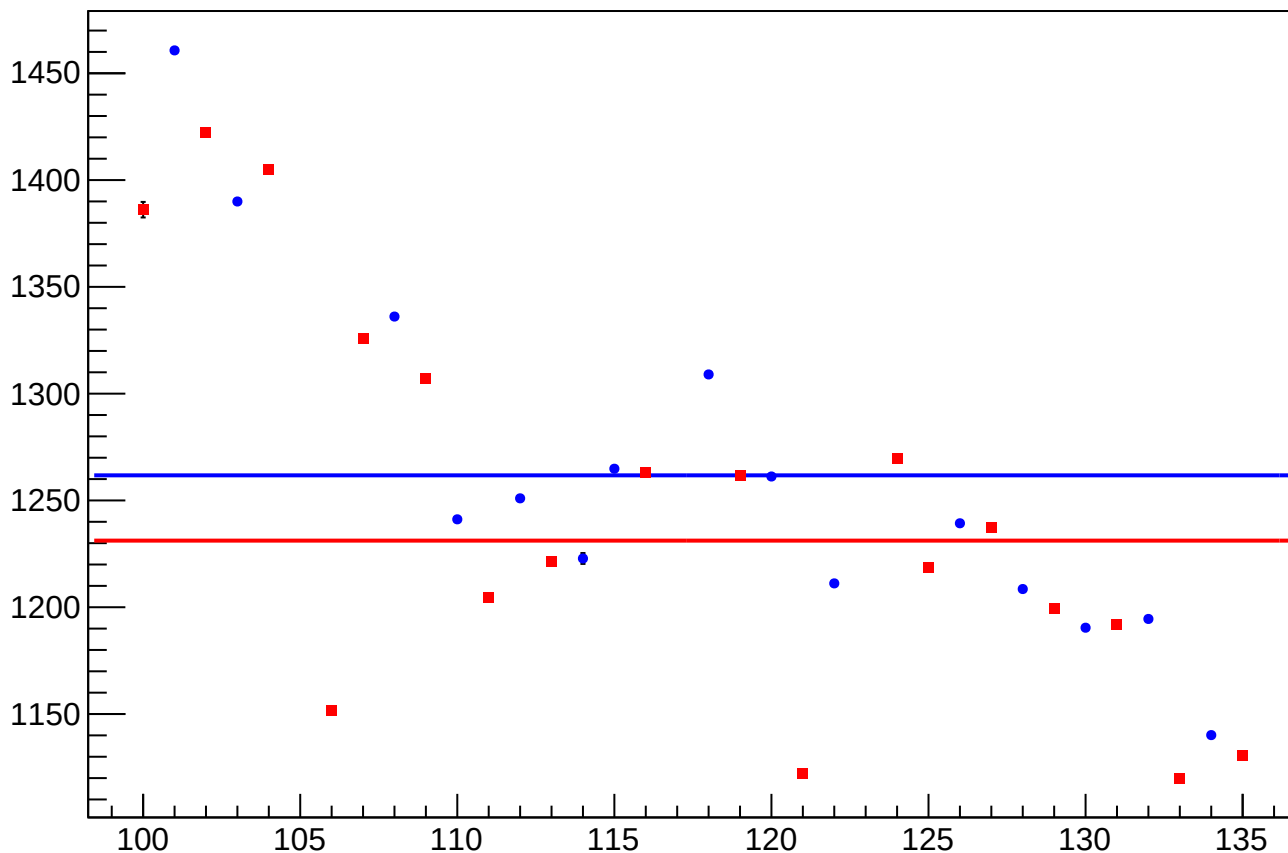
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.275+/-0.338 χ^2/NDF : 1115.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l08Y_rms vs Slug



Right In: 1261.757 $\pm$ 0.355 χ^2 /NDF: 57939.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1231.191 $\pm$ 0.323 χ^2 /NDF: 79033.5/17

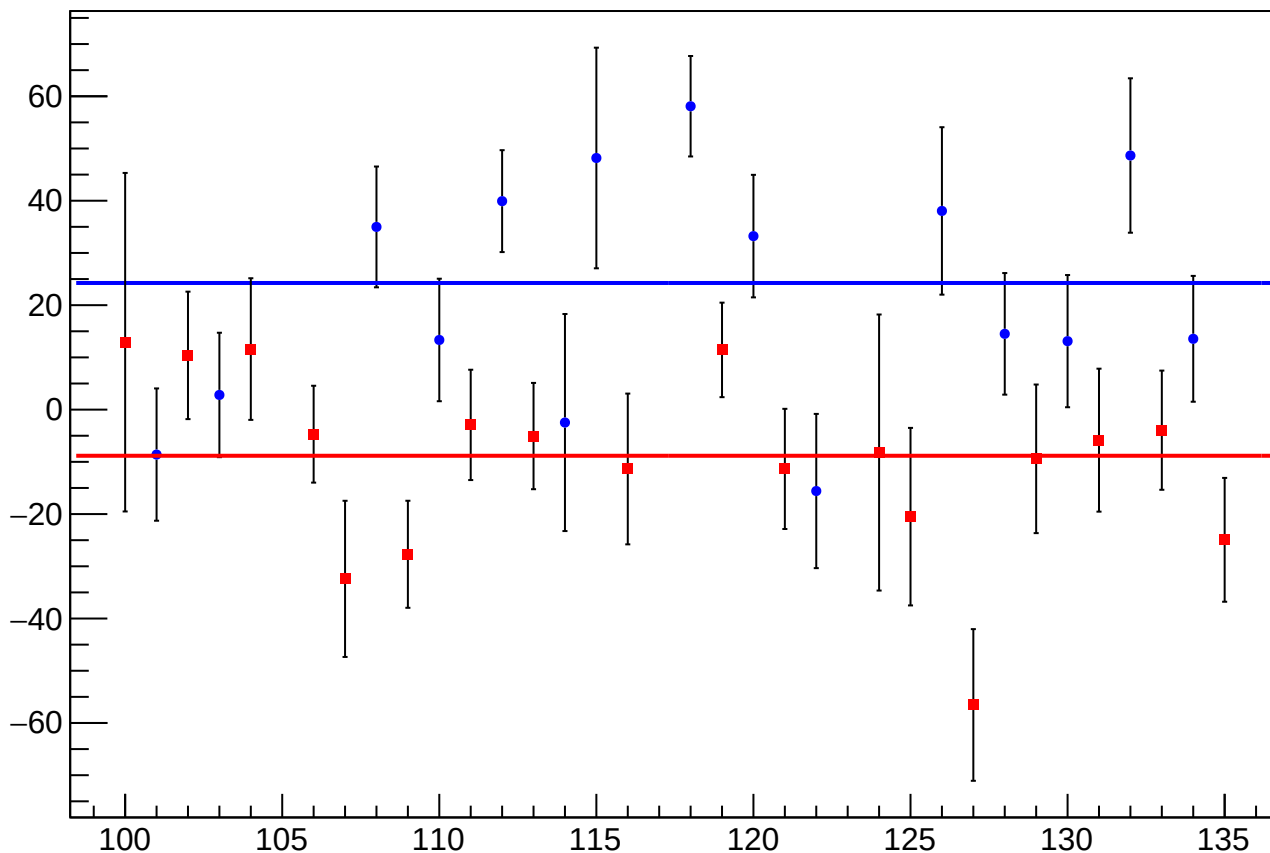
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1245.038 $\pm$ 0.239 χ^2 /NDF: 141033.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_mean vs Slug



Right In: 24.250+/-3.249 χ^2 /NDF: 43.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -8.834+/-2.928 χ^2 /NDF: 30.2/17

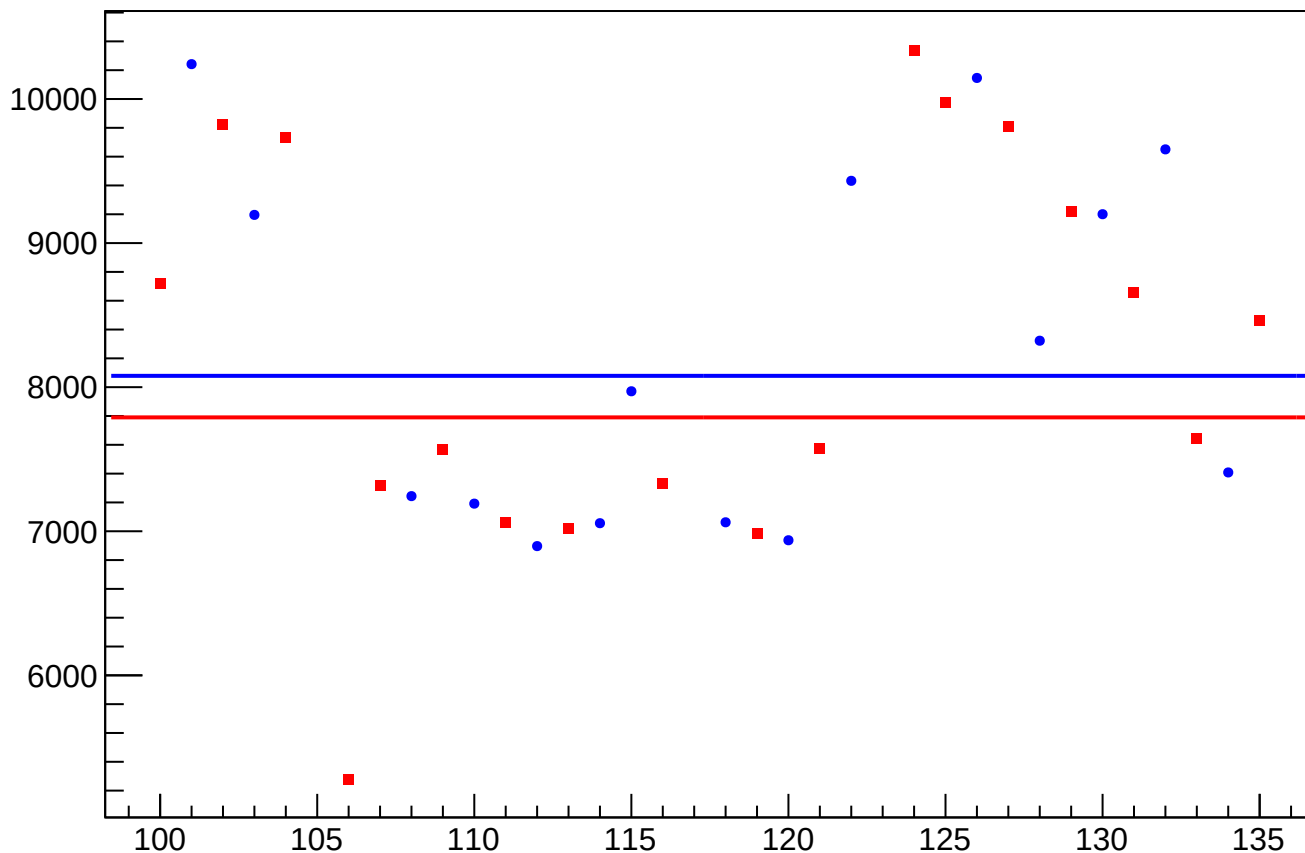
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 5.994+/-2.175 χ^2 /NDF: 130.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09X_rms vs Slug



Right In: 8078.631 $\pm$ 2.297 χ^2 /NDF: 268759.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 7790.305 $\pm$ 2.071 χ^2 /NDF: 413357.9/17

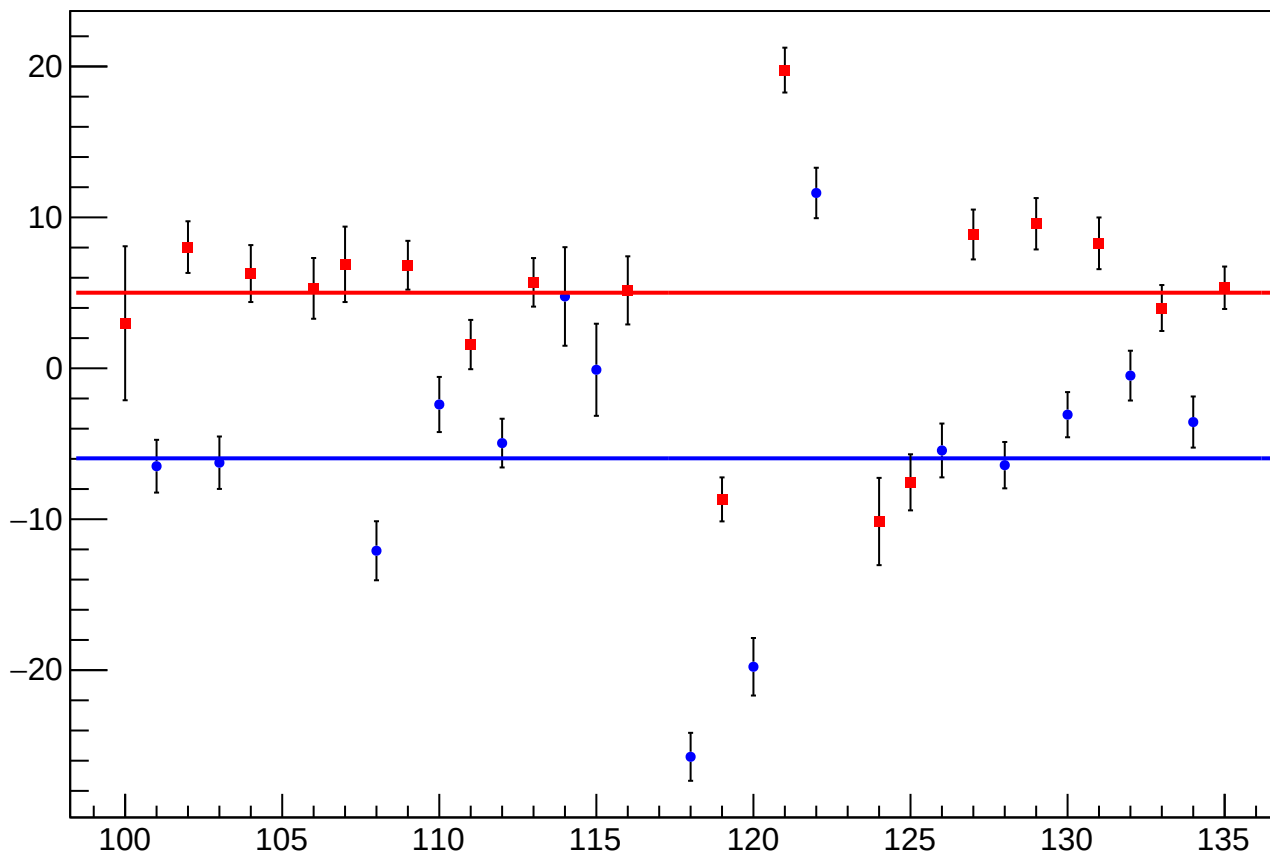
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7919.534 $\pm$ 1.538 χ^2 /NDF: 690808.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l09Y_mean vs Slug



Right In: -5.965+/-0.460 χ^2/NDF : 363.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.009+/-0.418 χ^2/NDF : 287.0/17

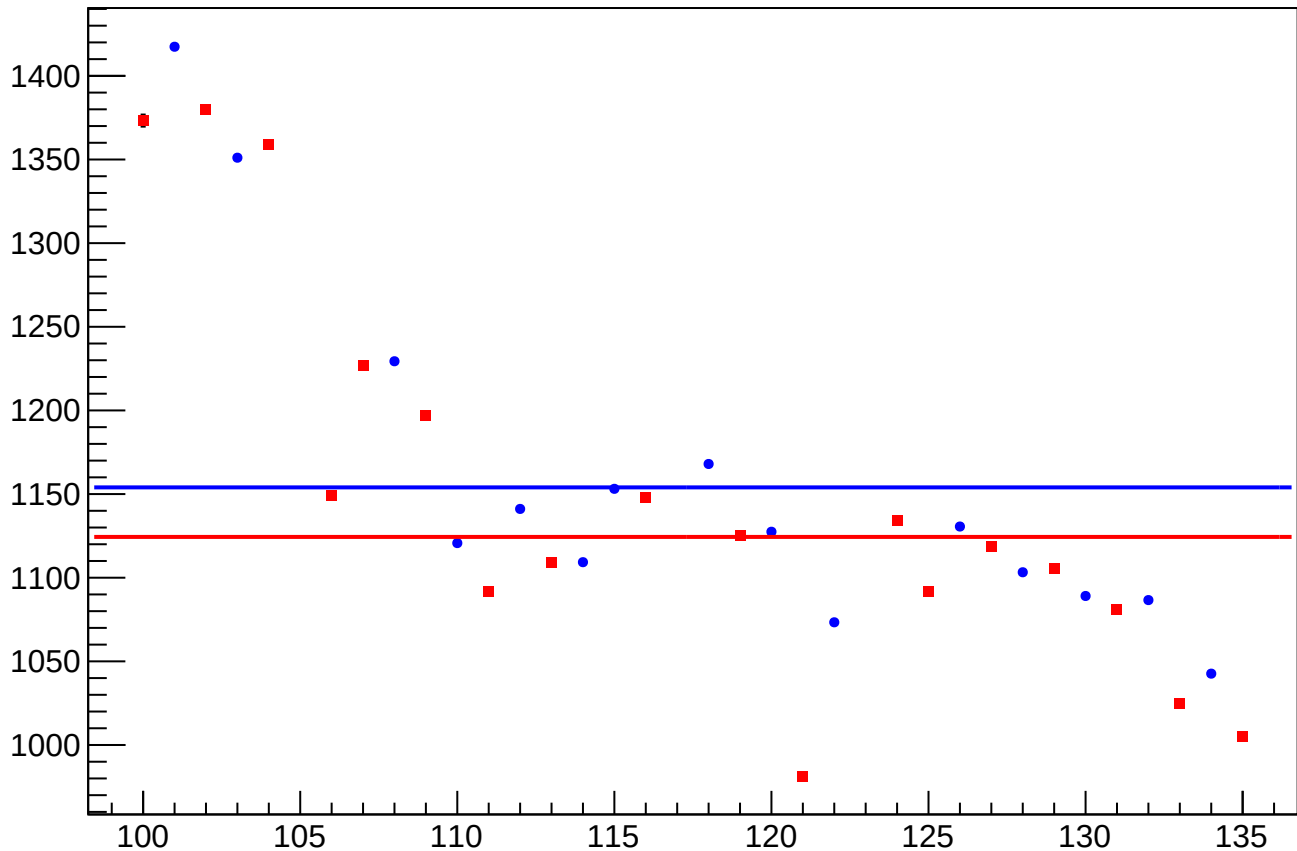
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.044+/-0.309 χ^2/NDF : 962.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l09Y_rms vs Slug



Right In: 1153.997 $\pm$ 0.325 χ^2 /NDF: 98763.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

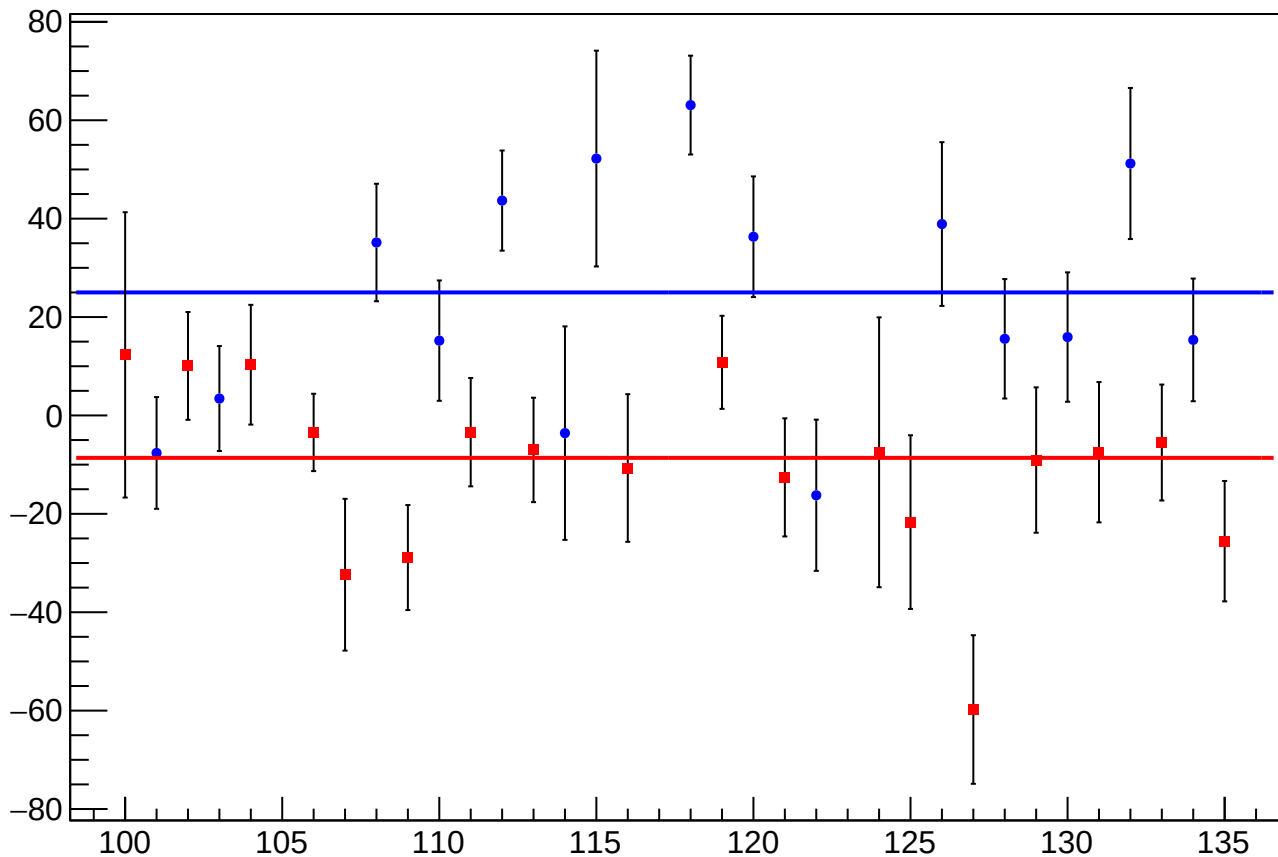
Right Out: 1124.384 $\pm$ 0.295 χ^2 /NDF: 132874.6/17

All: 1137.781 $\pm$ 0.219 χ^2 /NDF: 236184.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_mean vs Slug



Right In: 25.004 $\pm$ 3.302 χ^2 /NDF: 48.0/14

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

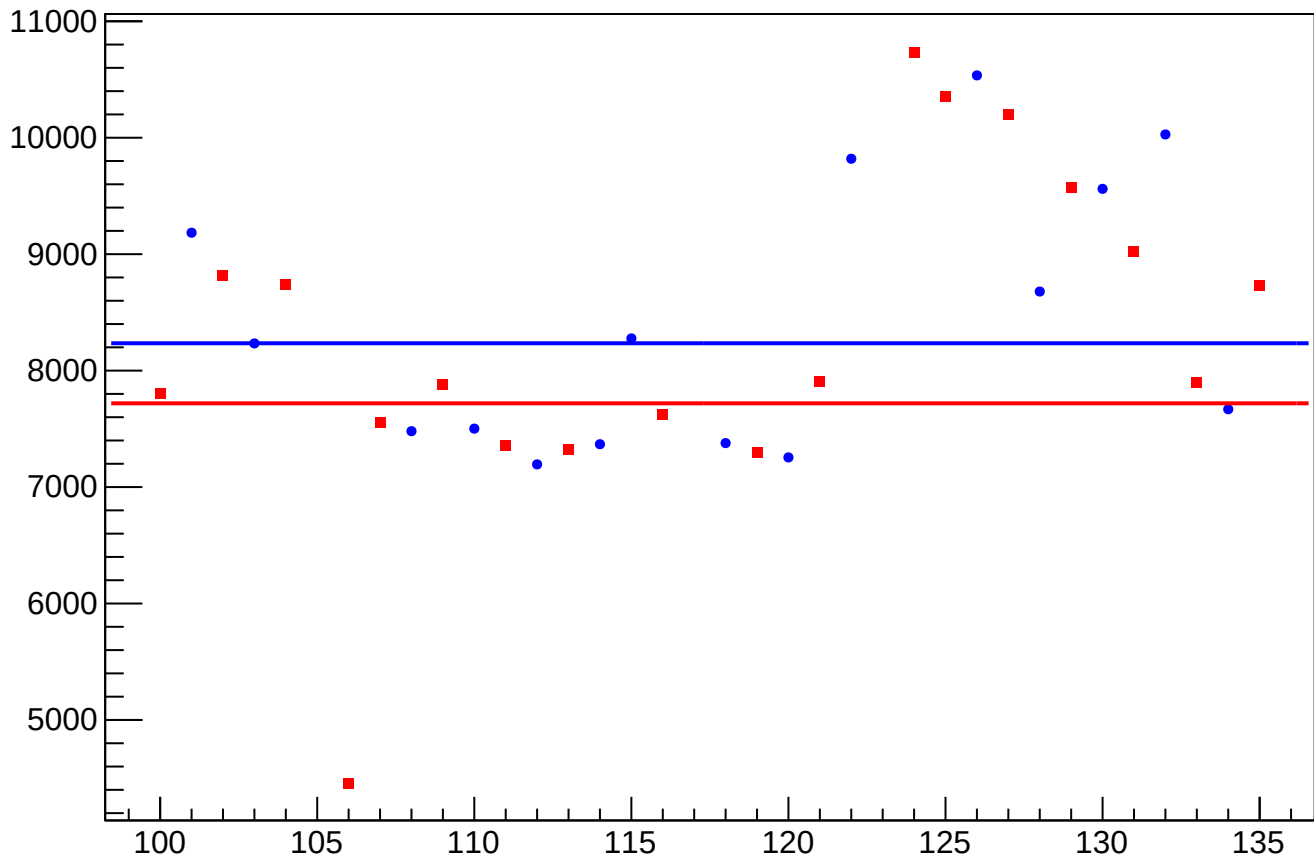
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.125 $\pm$ 2.187 χ^2 /NDF: 137.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10X_rms vs Slug



Right In: 8235.019+/-2.335 χ^2/NDF : 194441.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

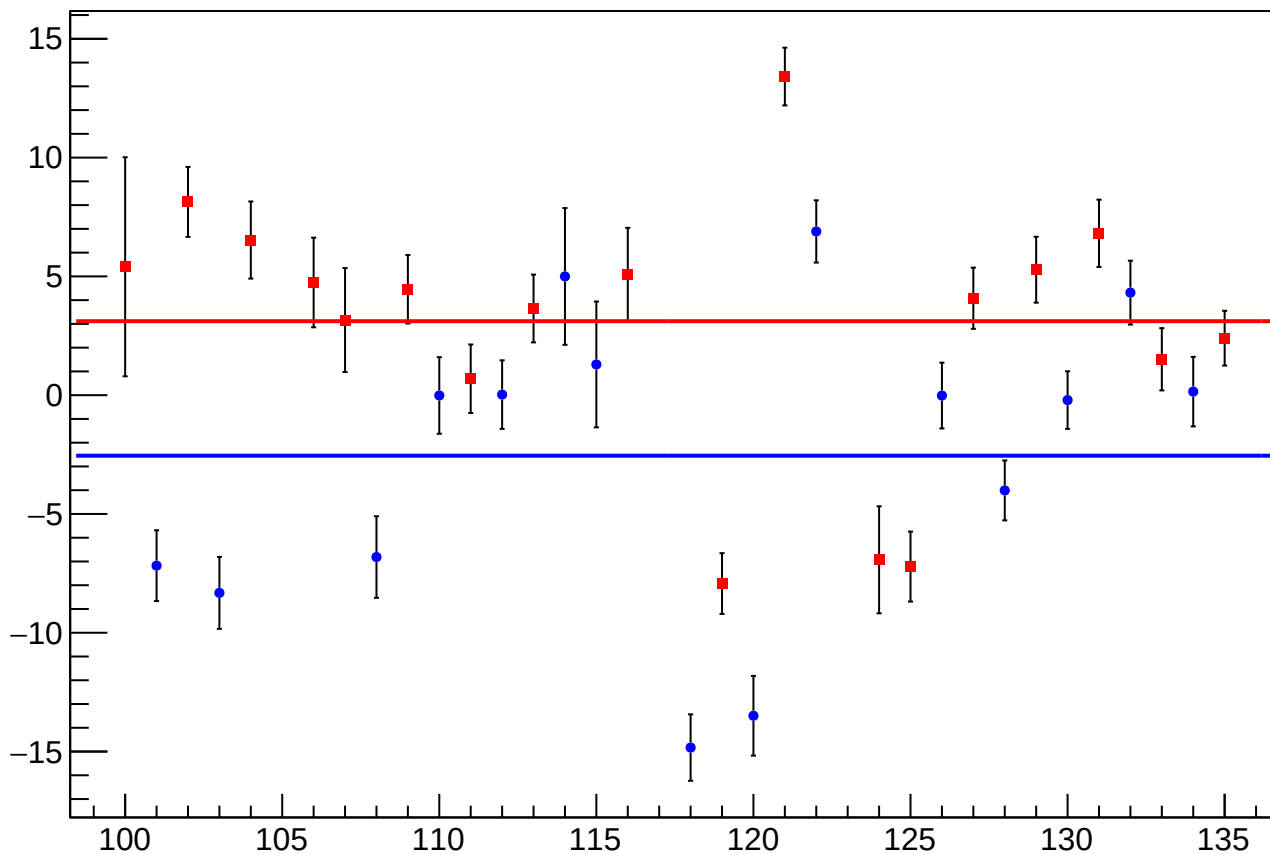
Right Out: 7719.295+/-2.064 χ^2/NDF : 574024.2/17

All: 7945.464+/-1.546 χ^2/NDF : 795858.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0l10Y_mean vs Slug



Right In: -2.548 $\pm$ 0.388 χ^2 /NDF: 254.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.114 $\pm$ 0.354 χ^2 /NDF: 249.0/17

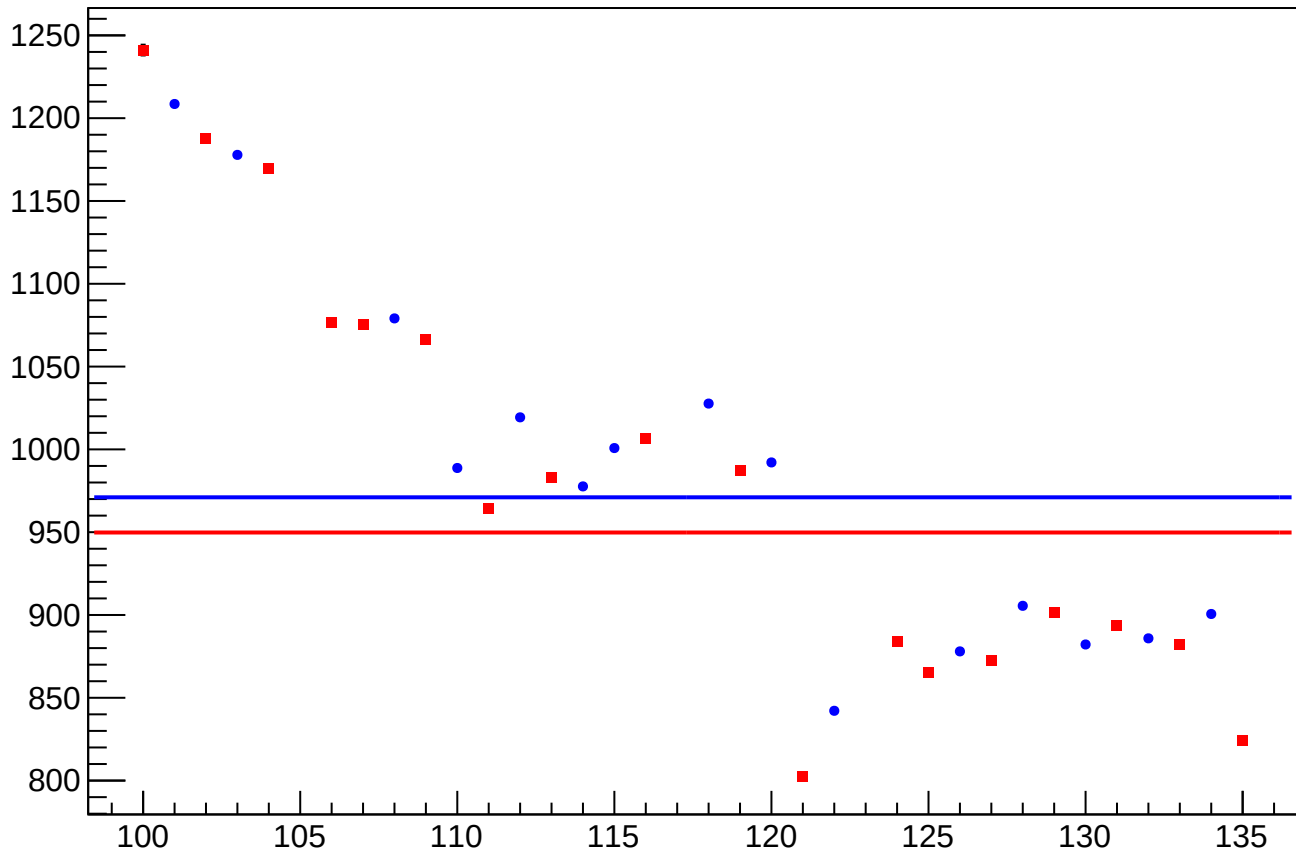
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.541 $\pm$ 0.261 χ^2 /NDF: 619.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0l10Y_rms vs Slug



Right In: 971.059+/-0.274 χ^2/NDF : 159552.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 949.807+/-0.250 χ^2/NDF : 209612.2/17

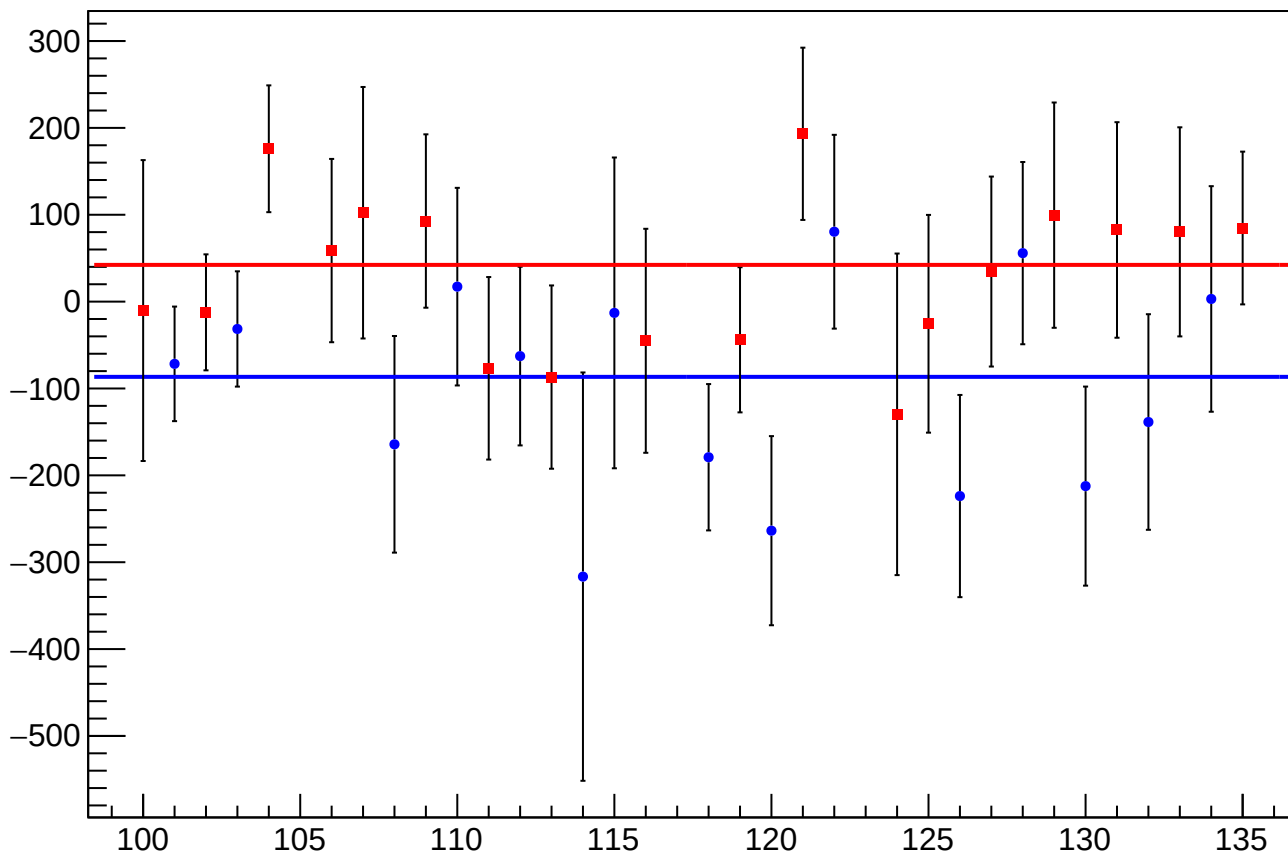
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 959.465+/-0.185 χ^2/NDF : 372443.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03X_mean vs Slug



Right In: -86.610 $\pm$ 26.600 χ^2 /NDF: 14.3/14

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

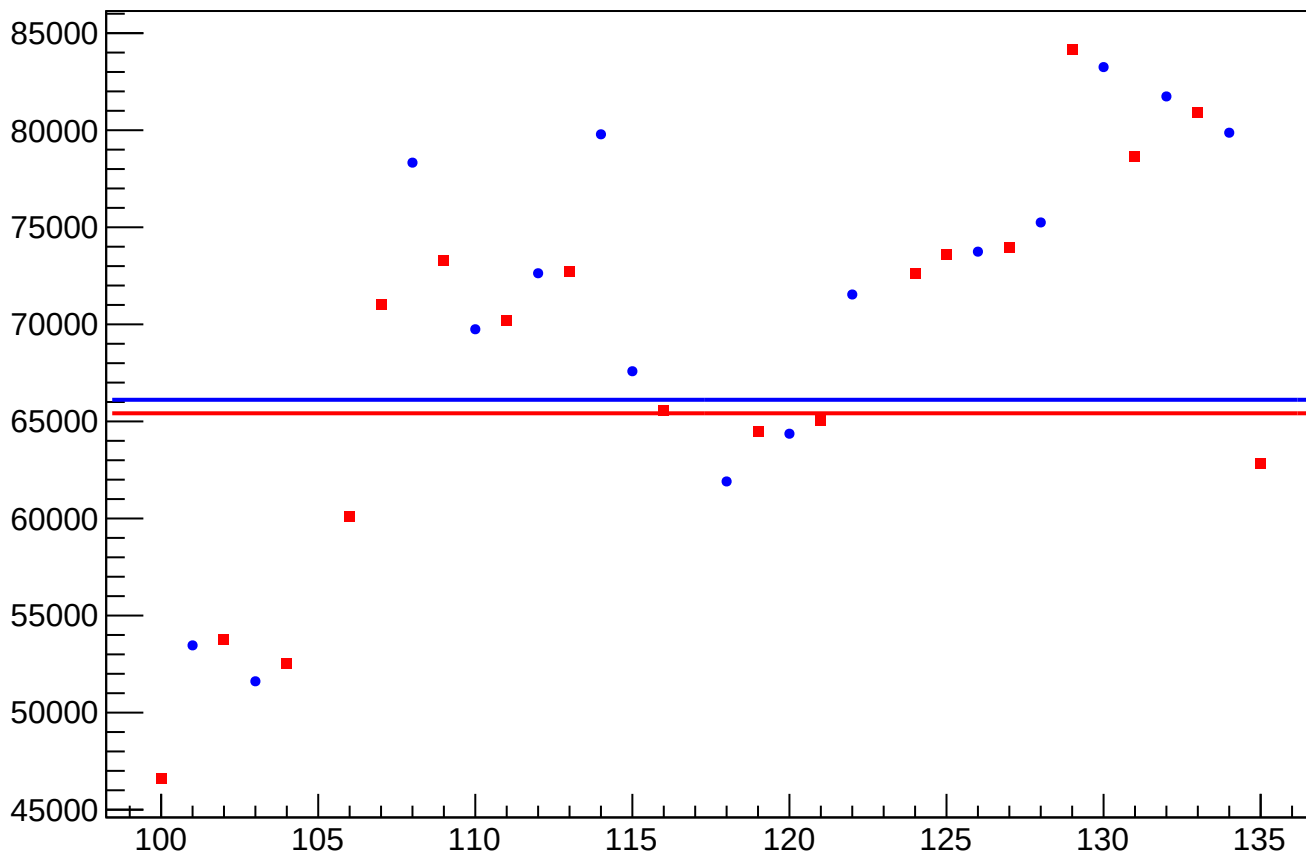
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.831 $\pm$ 18.015 χ^2 /NDF: 40.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r03X_rms vs Slug



Right In: 66114.359+/-18.809 χ^2/NDF : 338139.9/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

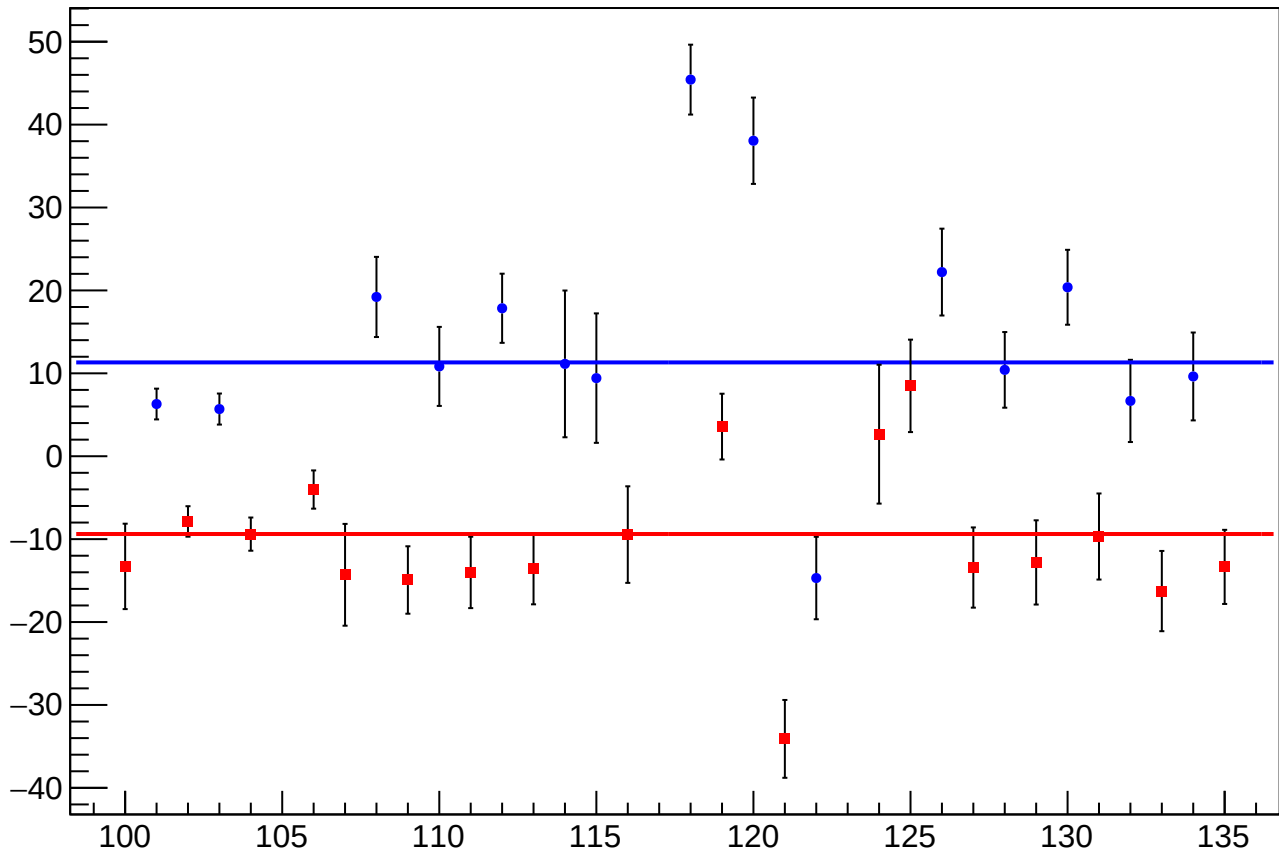
All: 65737.696+/-12.738 χ^2/NDF : 643436.6/3

Right Out: 65418.581+/-17.313 χ^2/NDF : 304555.9/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03Y_mean vs Slug



Right In: 11.316+/-0.957 χ^2/NDF : 150.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -9.381+/-0.857 χ^2/NDF : 66.0/17

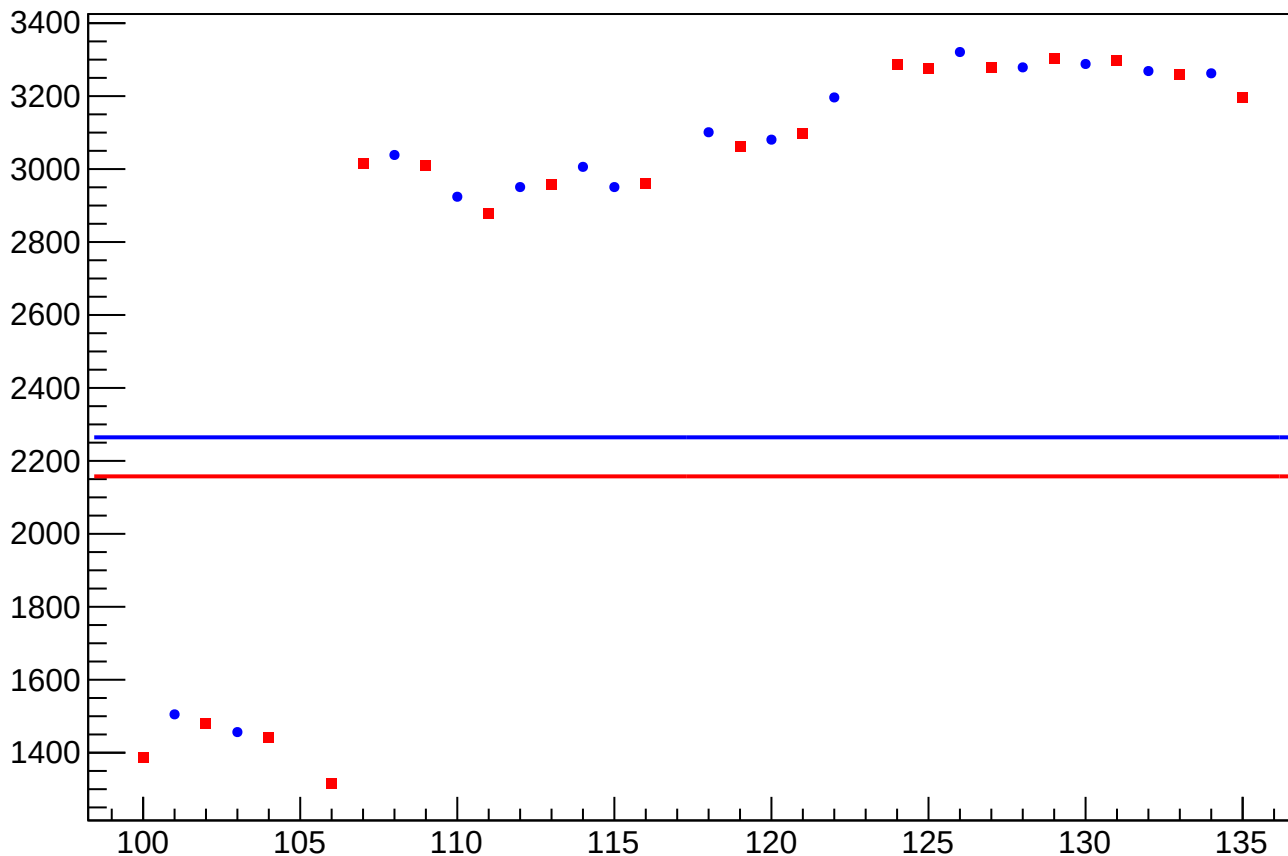
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.174+/-0.638 χ^2/NDF : 475.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r03Y_rms vs Slug



Right In: 2264.600+/-0.677 χ^2/NDF : 1514125.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

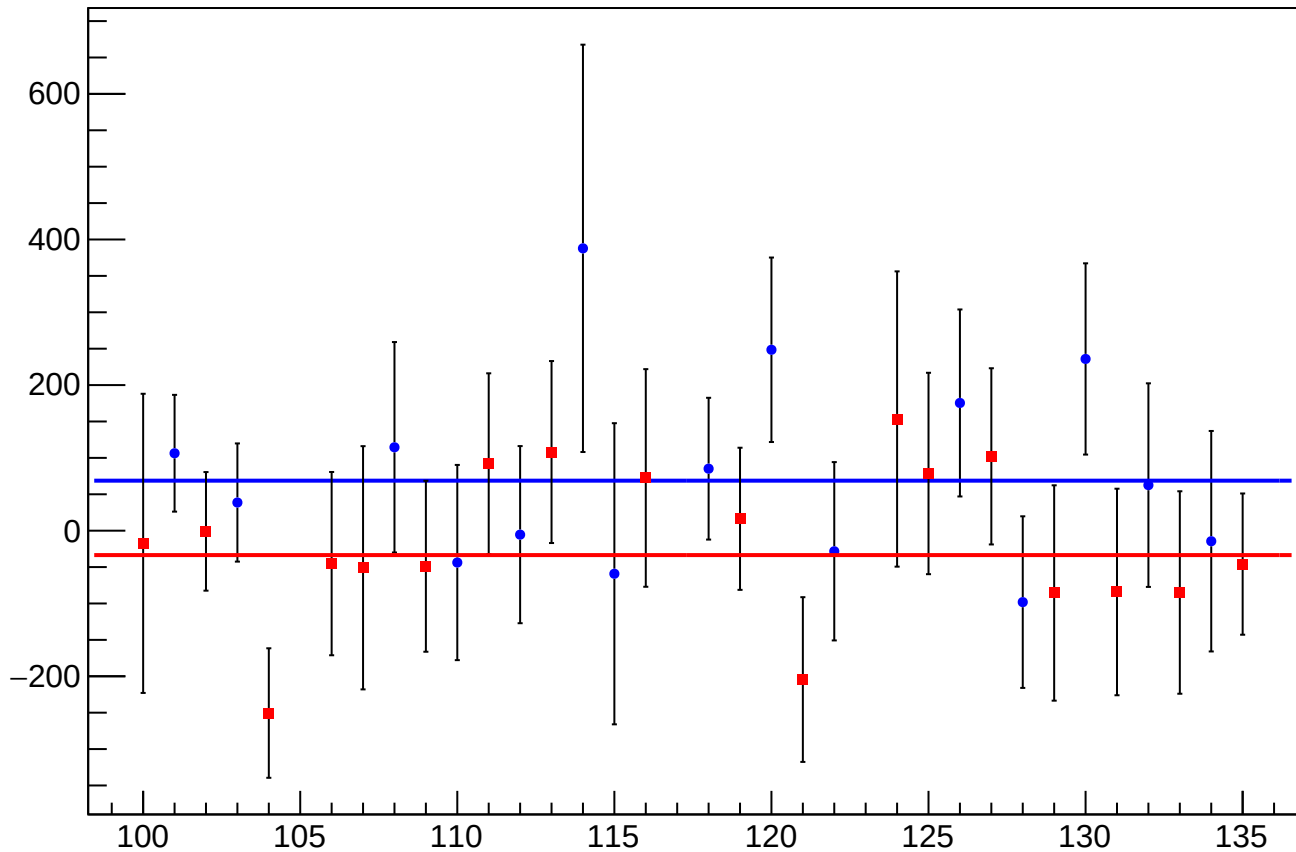
Right Out: 2157.561+/-0.606 χ^2/NDF : 1946163.9/17

All: 2205.179+/-0.451 χ^2/NDF : 3474182.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_mean vs Slug



Right In: 68.698+/-31.097 χ^2/NDF : 10.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -33.530+/-28.547 χ^2/NDF : 14.7/17

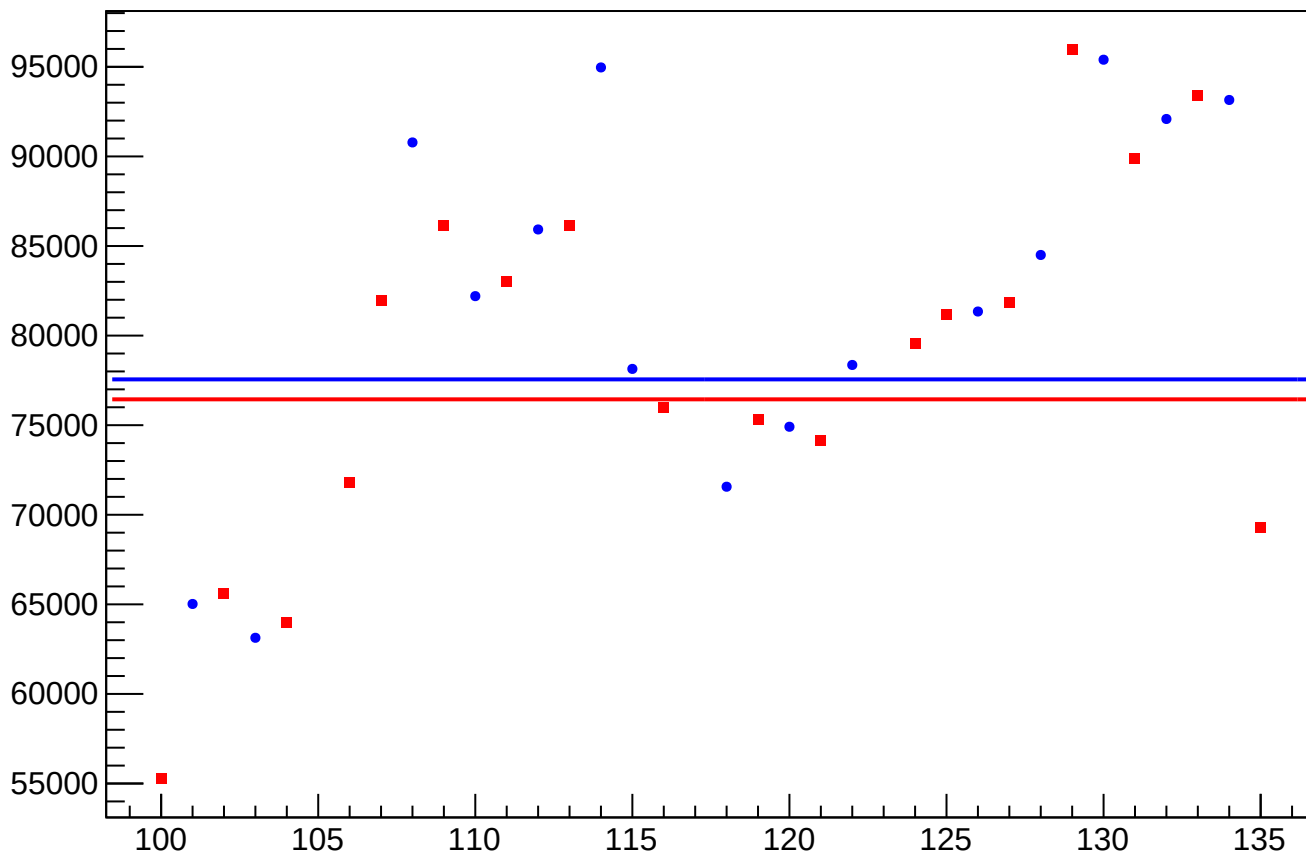
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.221+/-21.030 χ^2/NDF : 31.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05X_rms vs Slug



Right In: 77555.953+/-21.989 χ^2/NDF : 245267.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

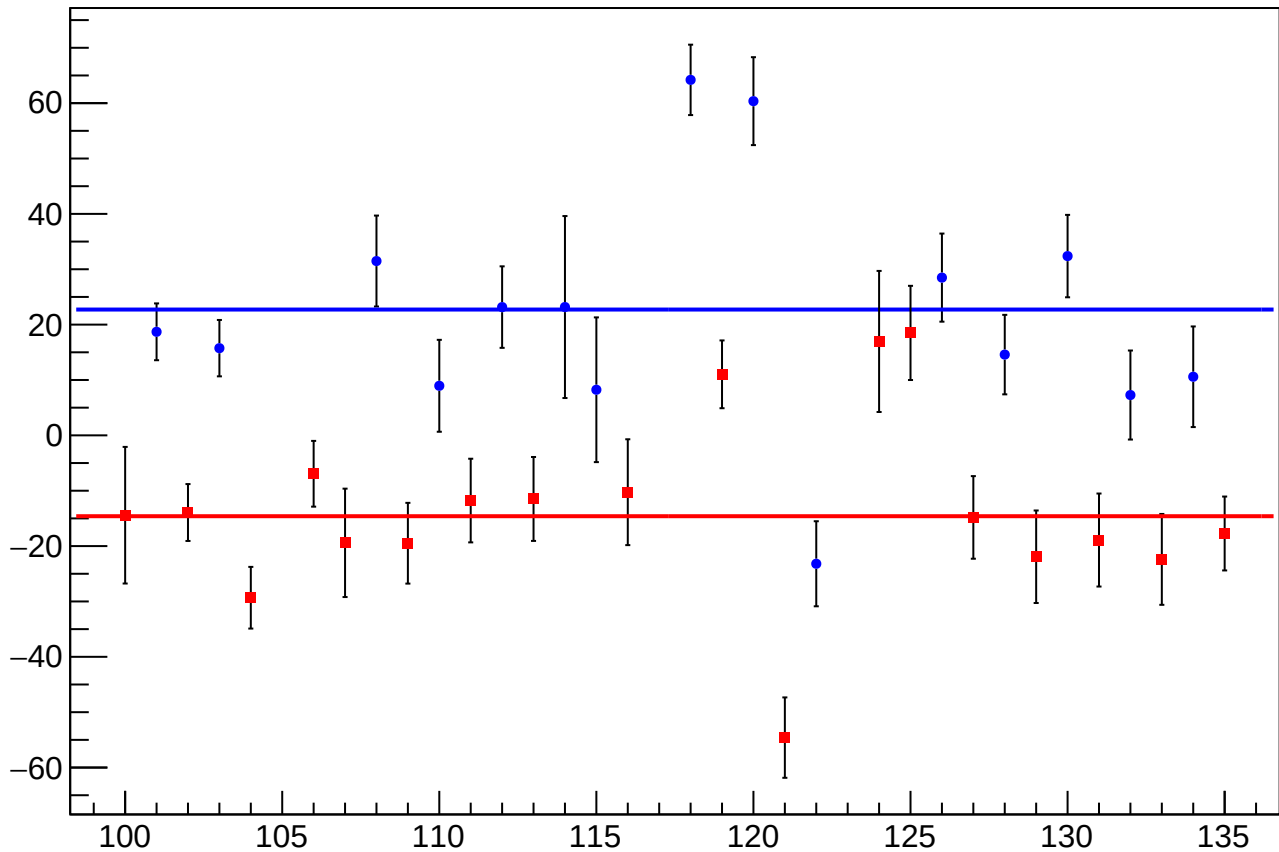
Right Out: 76442.415+/-20.186 χ^2/NDF : 233004.4/17

All: 76951.663+/-14.870 χ^2/NDF : 479663.9/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0r05Y_mean vs Slug



Right In: 22.722 $\pm$ 1.916 χ^2 /NDF: 117.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.604 $\pm$ 1.742 χ^2 /NDF: 81.2/17

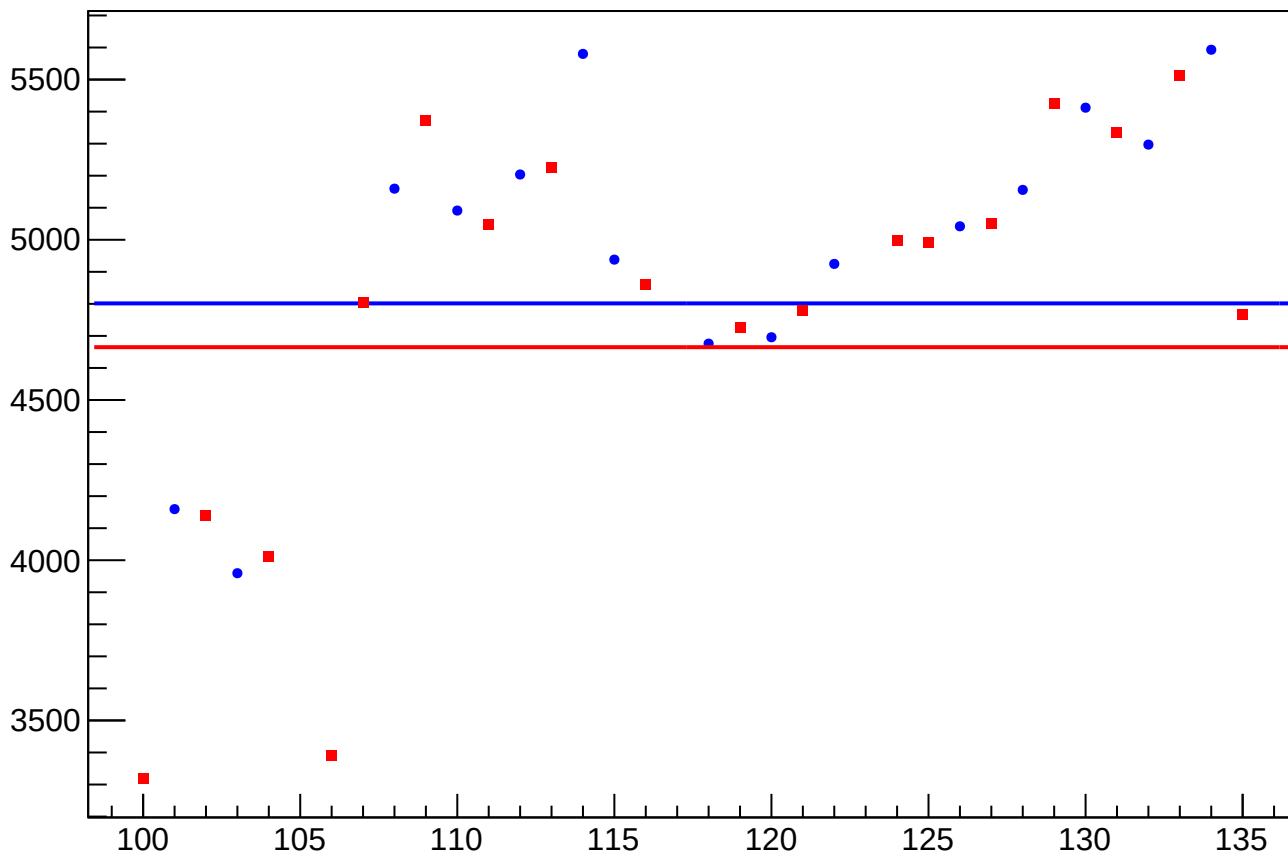
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.283 $\pm$ 1.289 χ^2 /NDF: 406.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0r05Y_rms vs Slug



Right In: 4801.510+/-1.355 χ^2/NDF : 147522.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

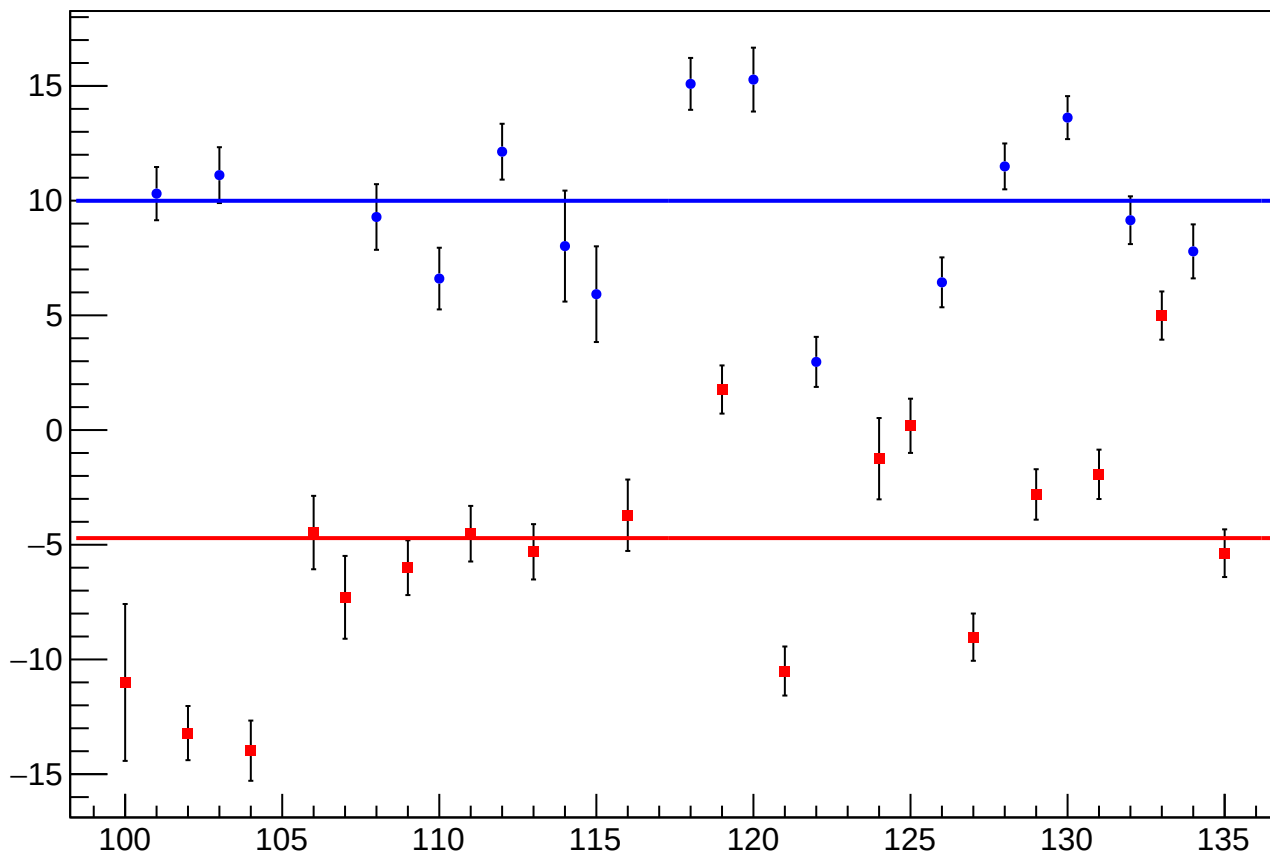
Right Out: 4664.847+/-1.232 χ^2/NDF : 262208.1/17

All: 4726.675+/-0.911 χ^2/NDF : 415300.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_mean vs Slug



Right In: 9.993+/-0.312 χ^2/NDF : 123.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.710+/-0.291 χ^2/NDF : 310.2/17

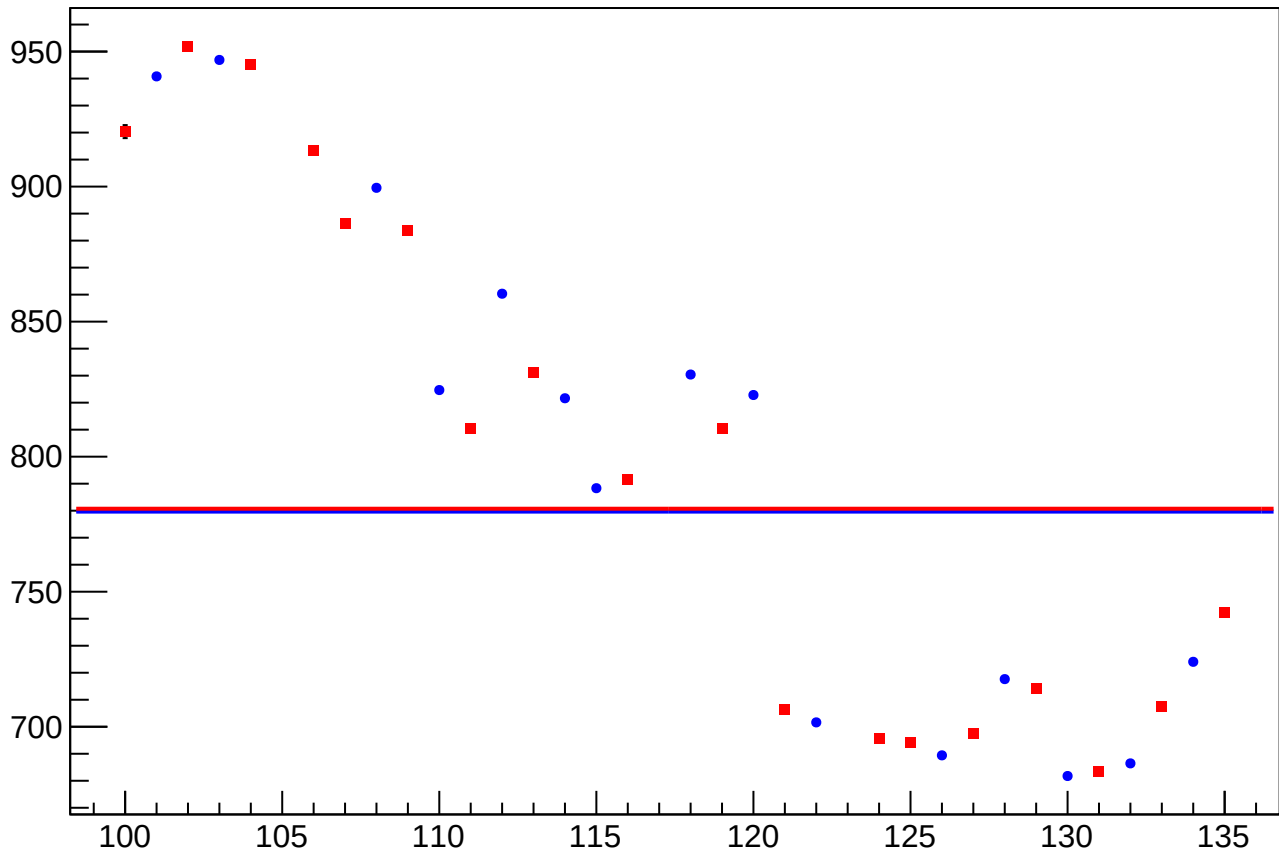
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.130+/-0.212 χ^2/NDF : 1624.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm2i01X_rms vs Slug



Right In: 779.663 $\pm$ 0.220 χ^2 /NDF: 182051.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 780.727 $\pm$ 0.205 χ^2 /NDF: 192619.9/17

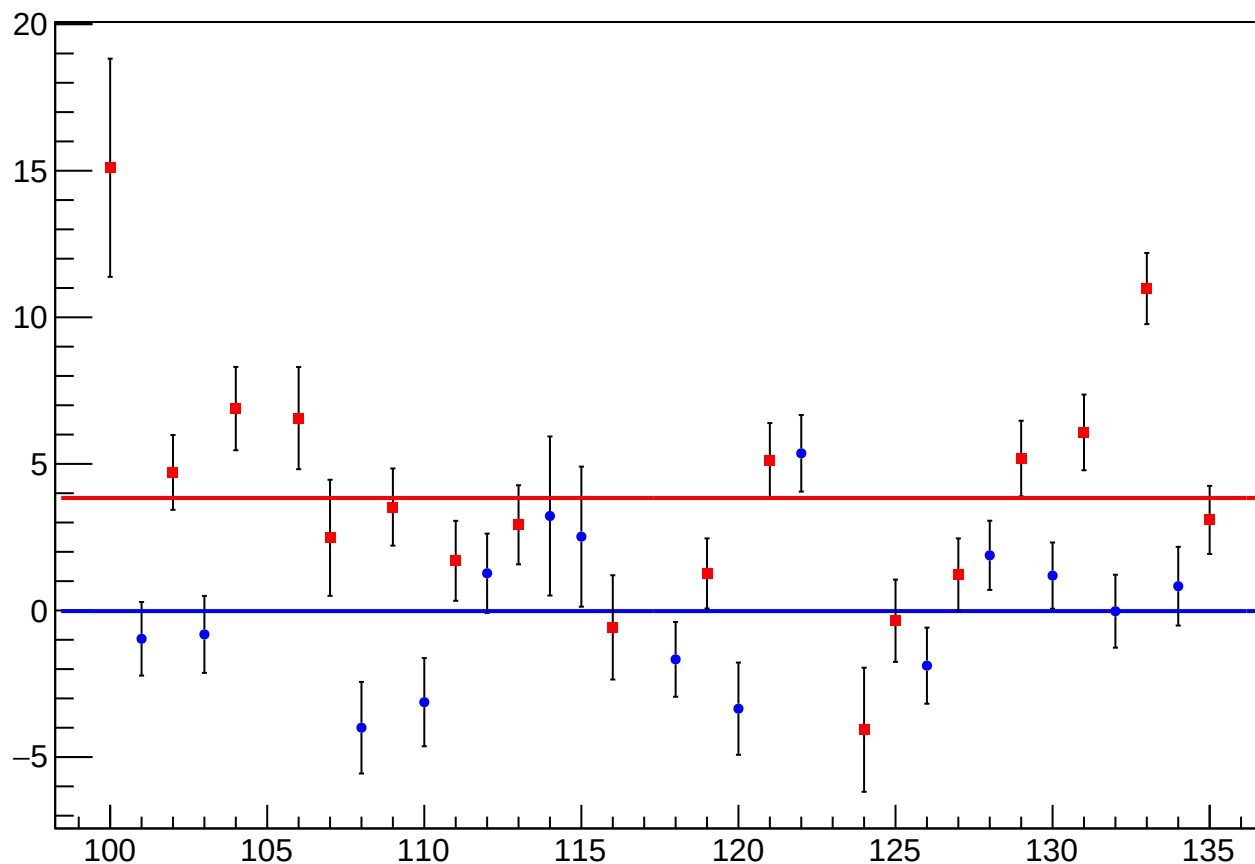
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 780.232 $\pm$ 0.150 χ^2 /NDF: 374683.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i01Y_mean vs Slug



Right In: -0.021 ± 0.358 χ^2/NDF : 44.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 3.837 ± 0.332 χ^2/NDF : 98.5/17

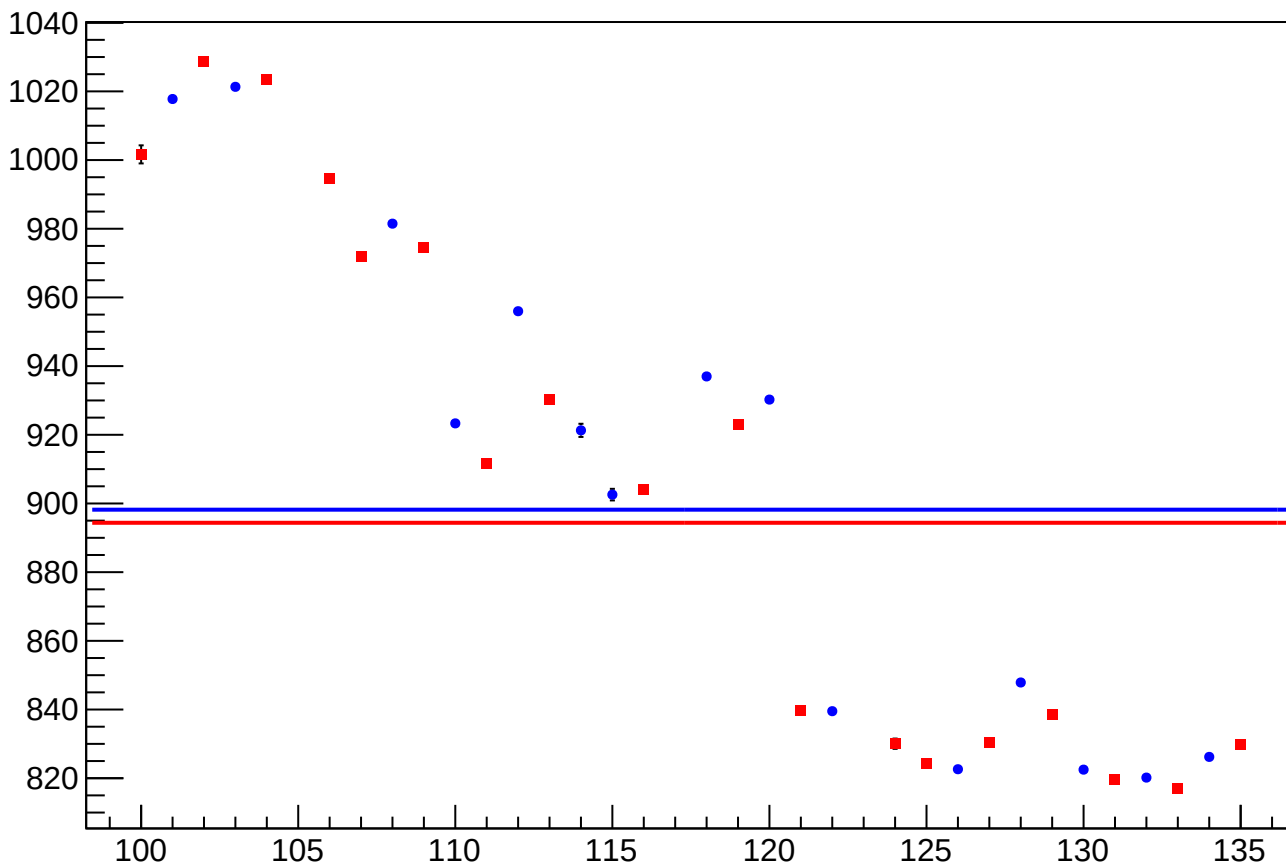
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 2.052 ± 0.243 χ^2/NDF : 205.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i01Y_rms vs Slug



Right In: 898.194 $\pm$ 0.253 χ^2 /NDF: 85516.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 894.379 $\pm$ 0.235 χ^2 /NDF: 101065.2/17

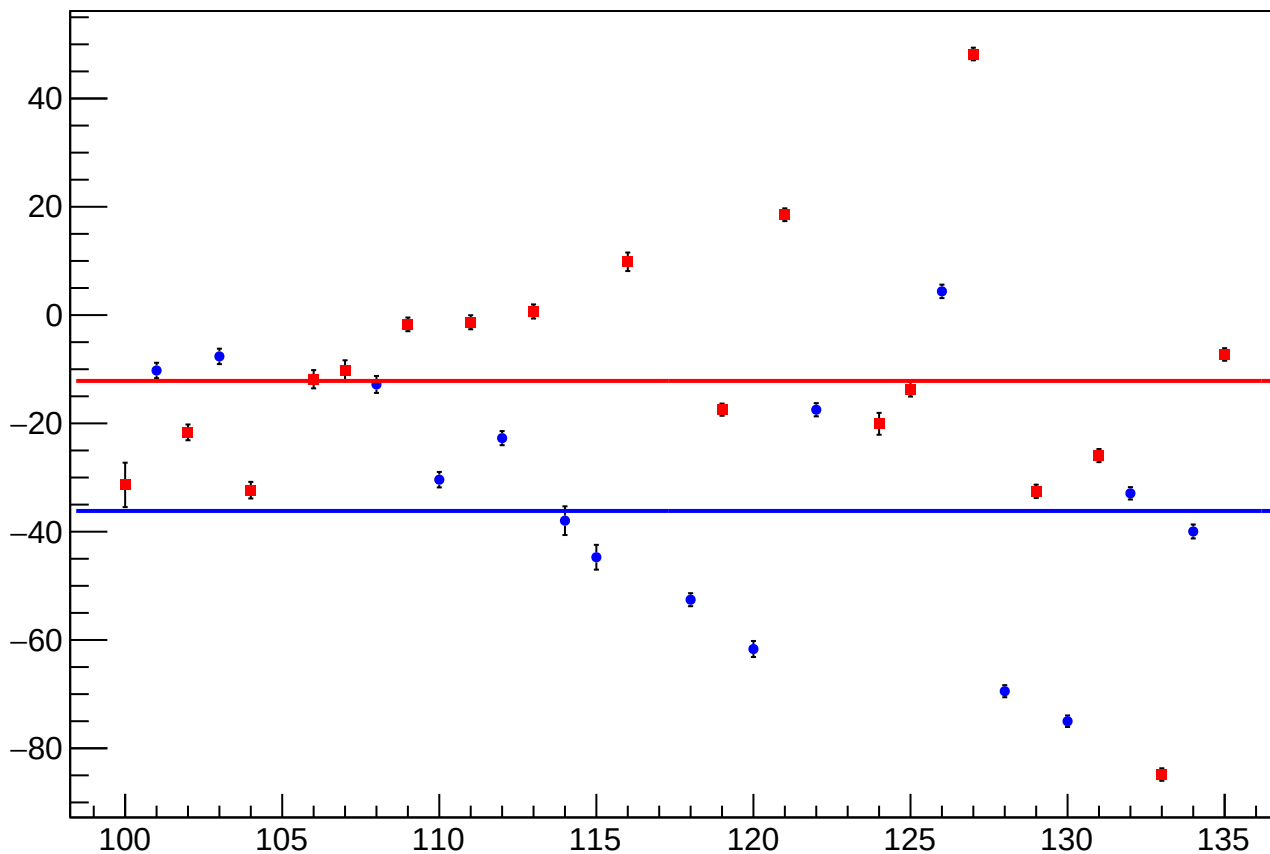
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 896.144 $\pm$ 0.172 χ^2 /NDF: 186704.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02X_mean vs Slug



Right In: -36.169 ± 0.347 $\chi^2/\text{NDF}: 5104.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -12.154 ± 0.323 $\chi^2/\text{NDF}: 8404.0/17$

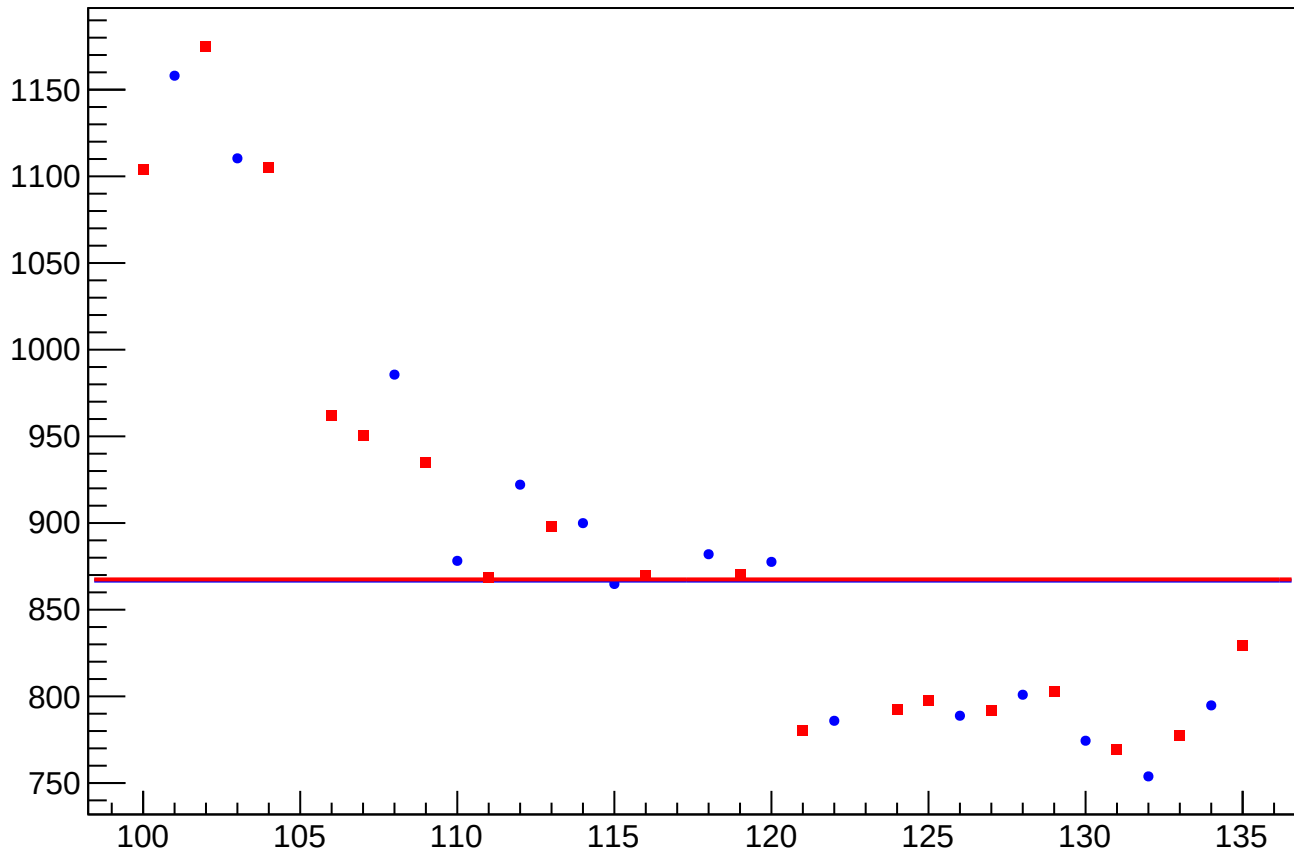
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -23.312 ± 0.236 $\chi^2/\text{NDF}: 16074.6/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm2i02X_rms vs Slug



Right In: 866.784 $\pm$ 0.245 χ^2 /NDF: 221737.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 867.468 $\pm$ 0.229 χ^2 /NDF: 220644.2/17

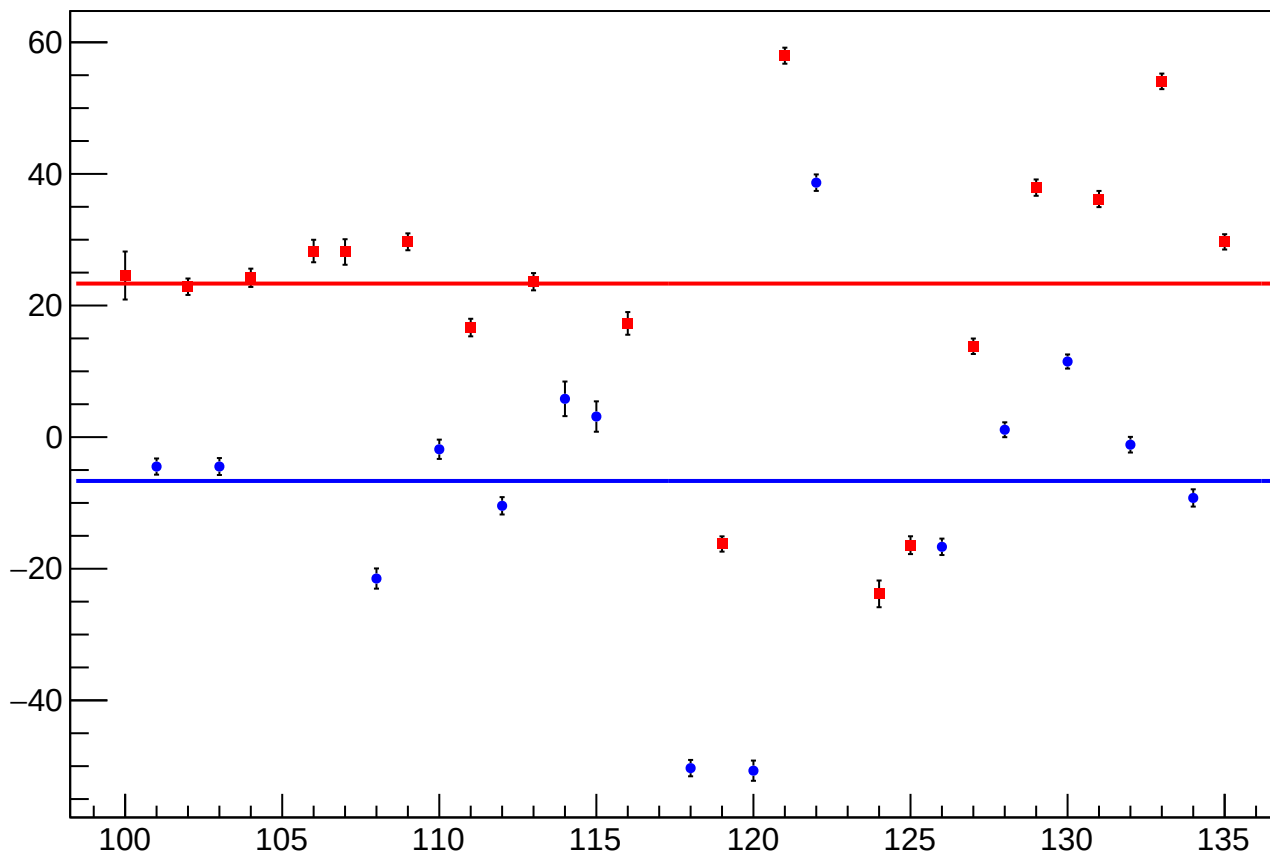
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 867.150 $\pm$ 0.167 χ^2 /NDF: 442385.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm2i02Y_mean vs Slug



Right In: -6.661 ± 0.346 χ^2/NDF : 3945.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.335 ± 0.322 χ^2/NDF : 4467.6/17

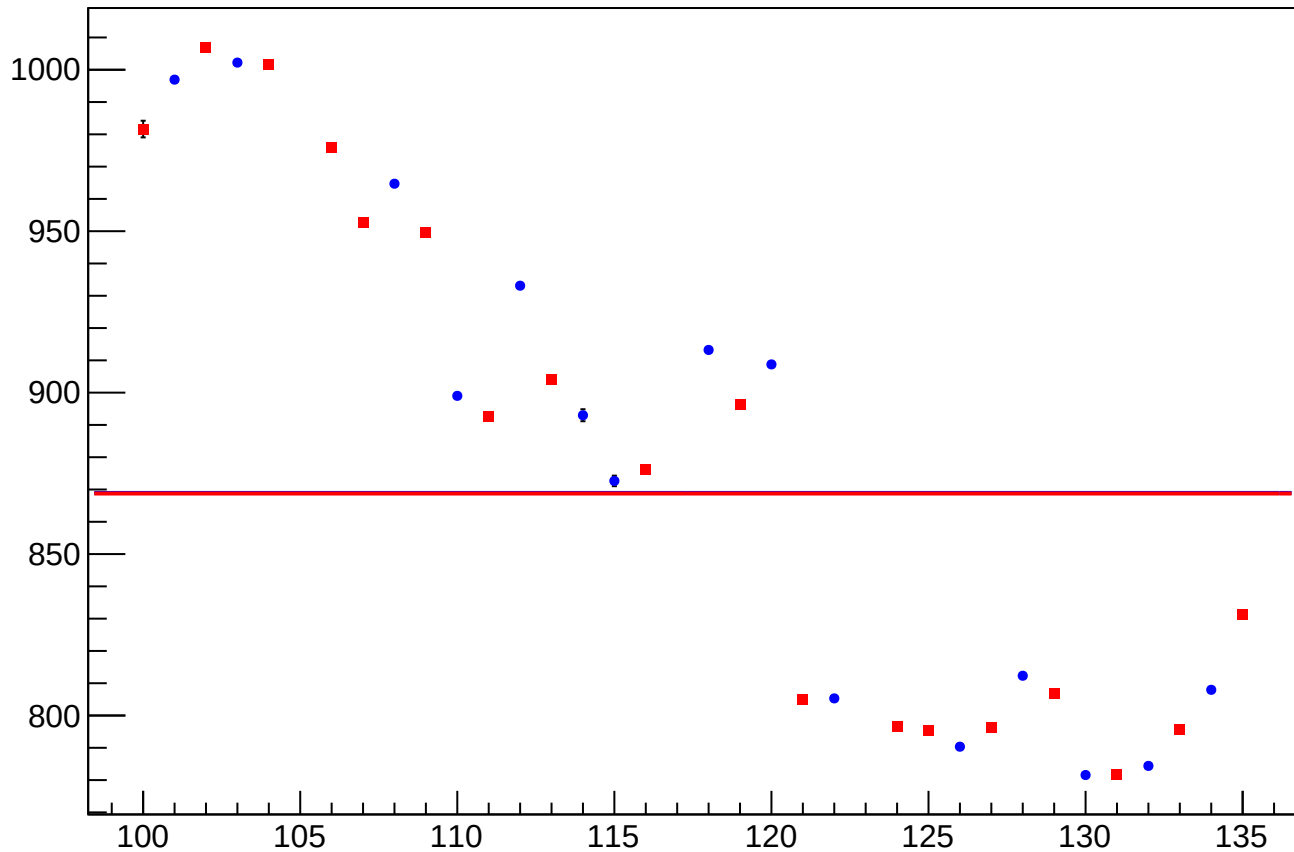
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 9.399 ± 0.236 χ^2/NDF : 12433.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm2i02Y_rms vs Slug



Right In: 868.935 $\pm$ 0.245 χ^2 /NDF: 106278.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 868.756 $\pm$ 0.228 χ^2 /NDF: 113717.6/17

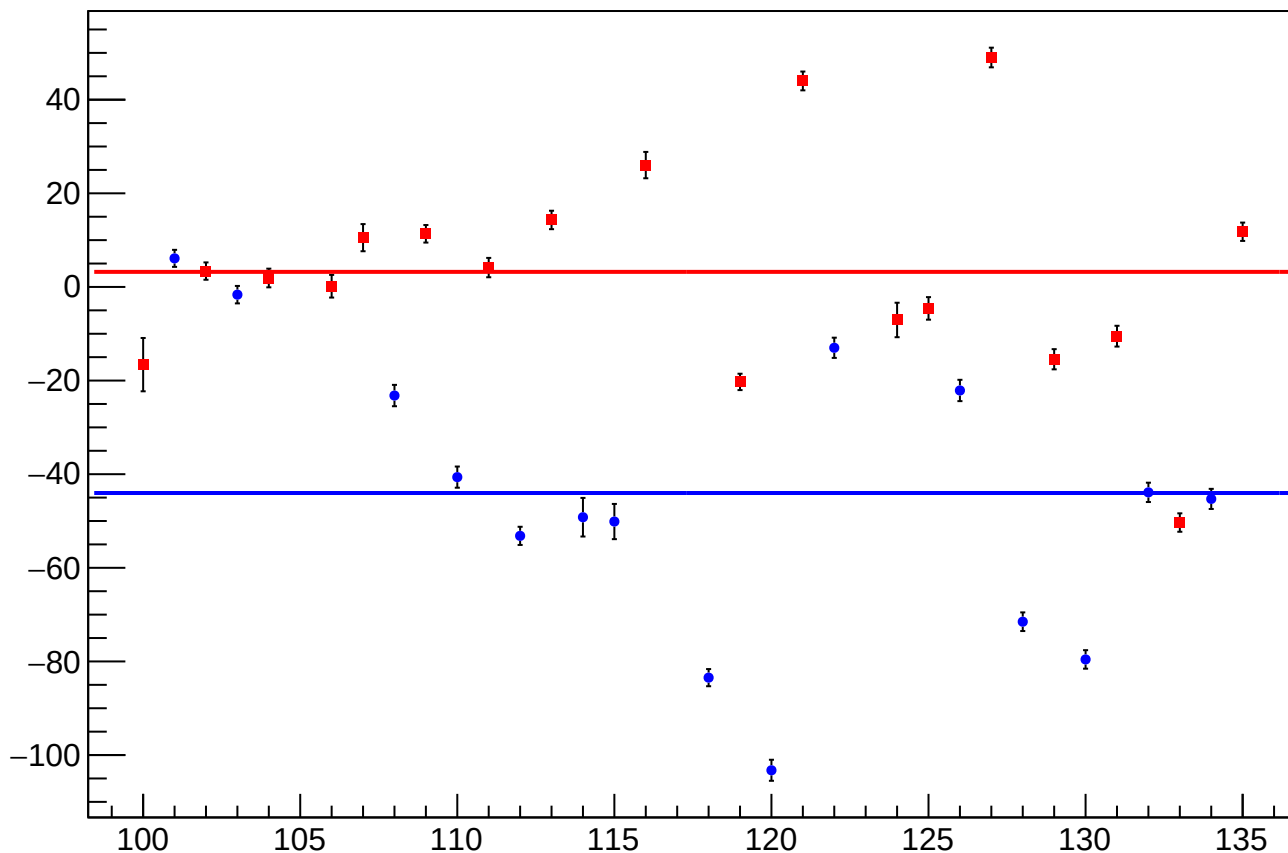
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 868.839 $\pm$ 0.167 χ^2 /NDF: 219996.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02X_mean vs Slug



Right In: -44.018 ± 0.556 $\chi^2/\text{NDF}: 3357.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 3.221 ± 0.516 $\chi^2/\text{NDF}: 2096.9/17$

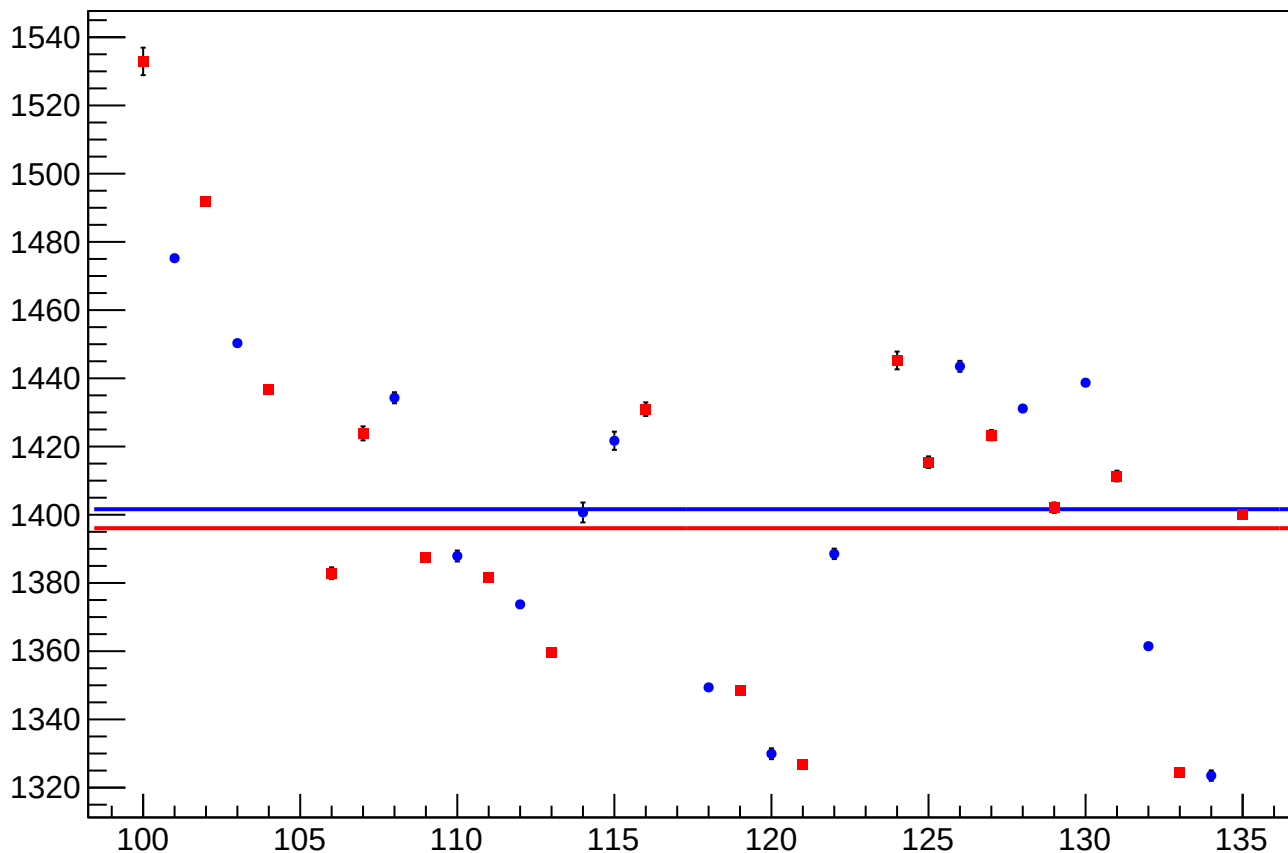
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -18.649 ± 0.378 $\chi^2/\text{NDF}: 9329.2/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02X_rms vs Slug



Right In: 1401.621+/-0.393 χ^2/NDF : 14536.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1396.059+/-0.365 χ^2/NDF : 16169.7/17

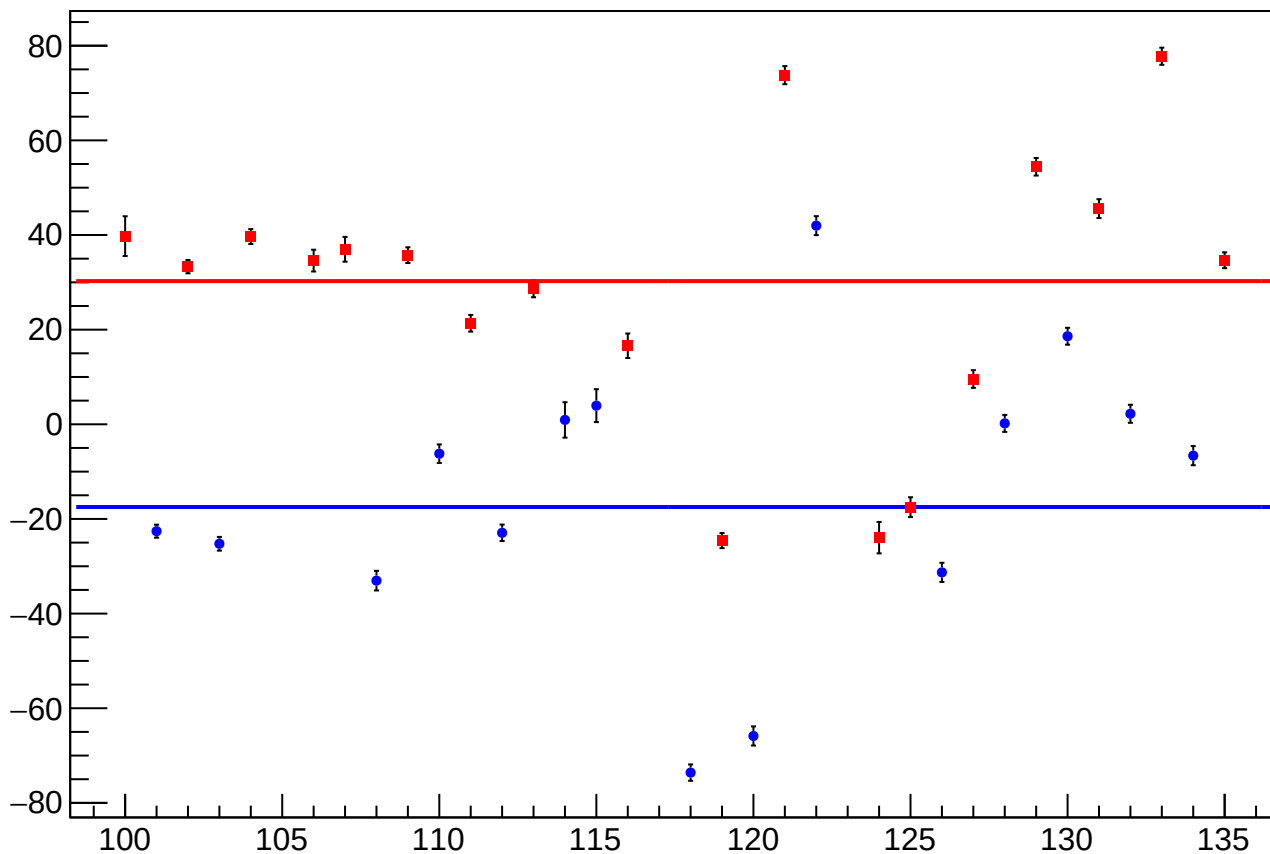
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1398.634+/-0.268 χ^2/NDF : 30813.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02Y_mean vs Slug



Right In: -17.478 ± 0.488 $\chi^2/\text{NDF}: 3395.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 30.261 ± 0.451 $\chi^2/\text{NDF}: 3646.0/17$

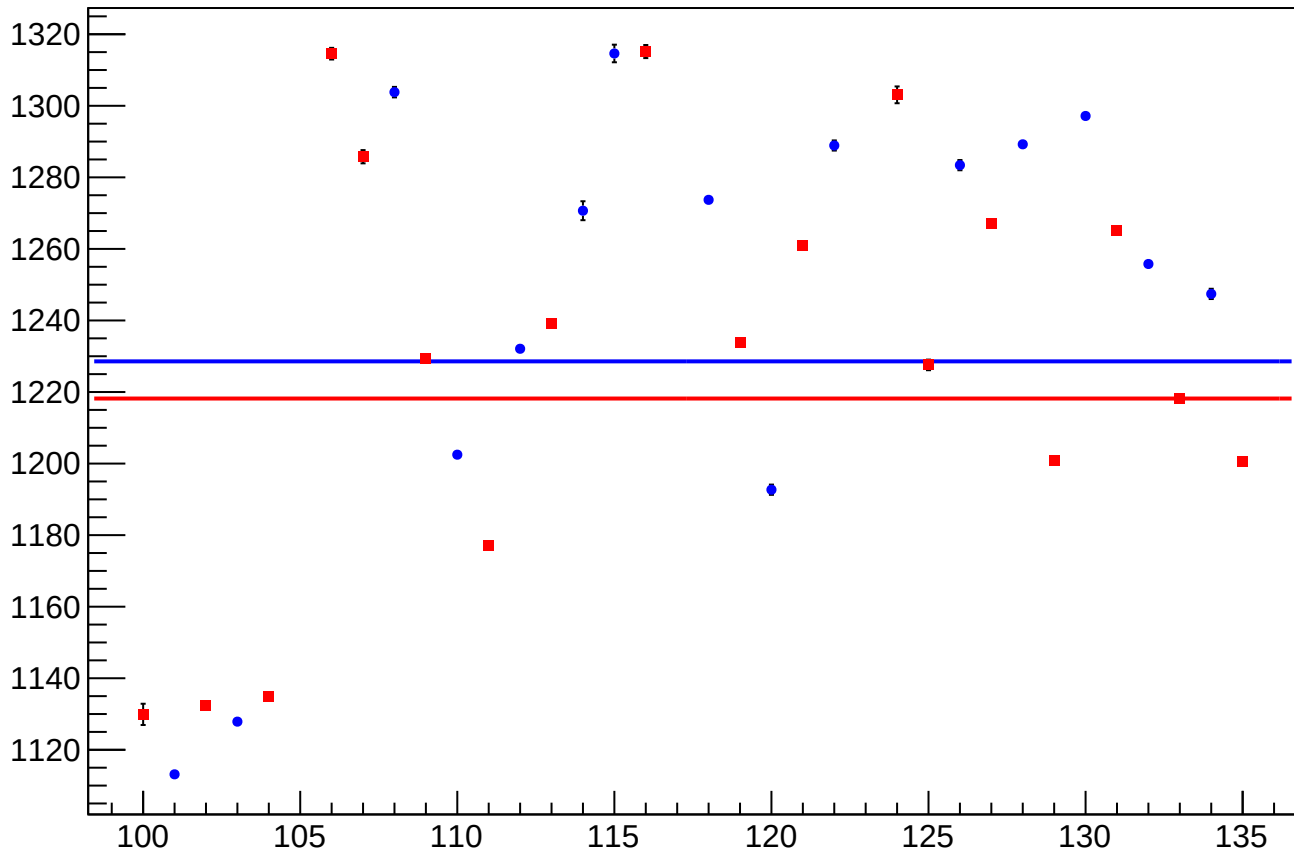
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 8.270 ± 0.331 $\chi^2/\text{NDF}: 12200.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

diff_bpm0i02Y_rms vs Slug



Right In: 1228.569 $\pm$ 0.345 χ^2 /NDF: 39355.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1218.180 $\pm$ 0.319 χ^2 /NDF: 28479.4/17

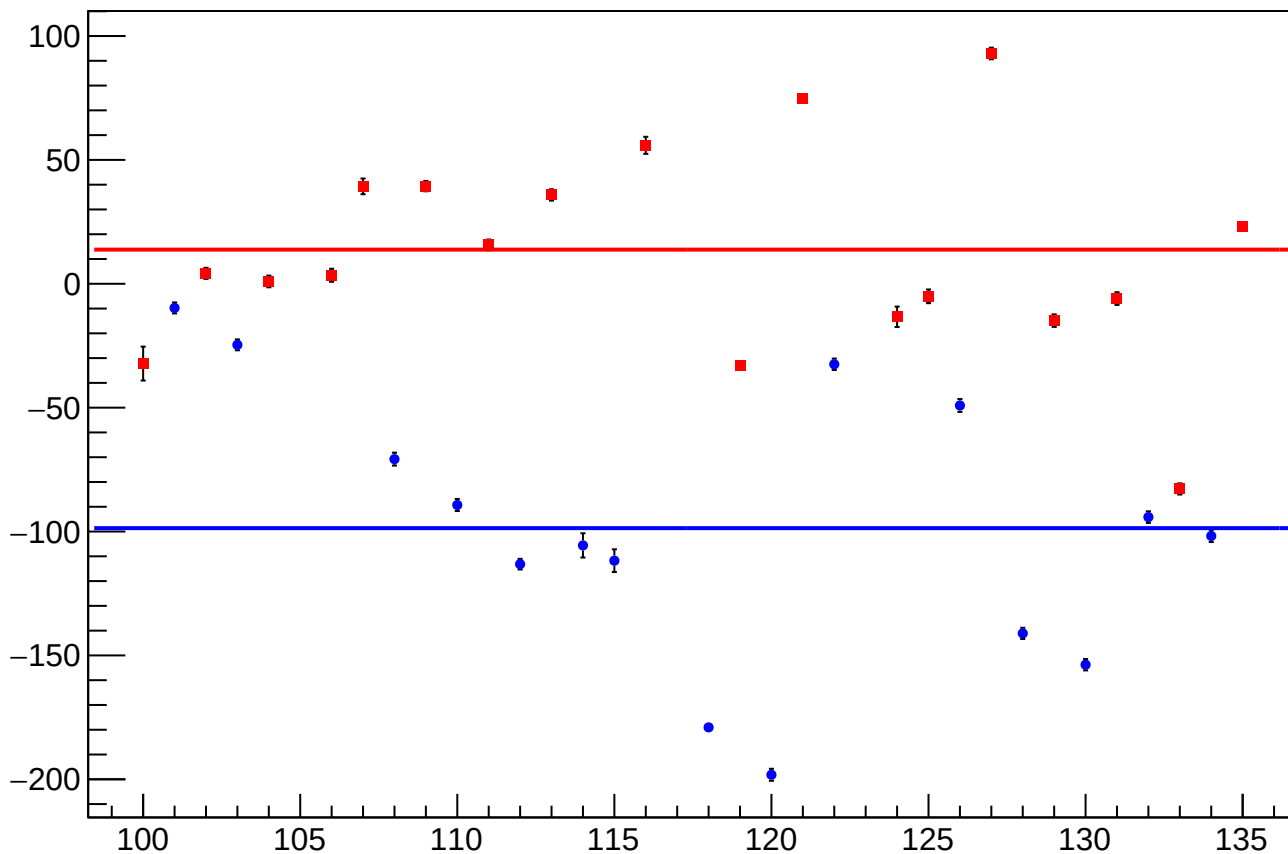
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1222.966 $\pm$ 0.234 χ^2 /NDF: 68323.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i02aX_mean vs Slug



Right In: -98.625+/-0.630 χ^2/NDF : 8278.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.787+/-0.576 χ^2/NDF : 5352.1/17

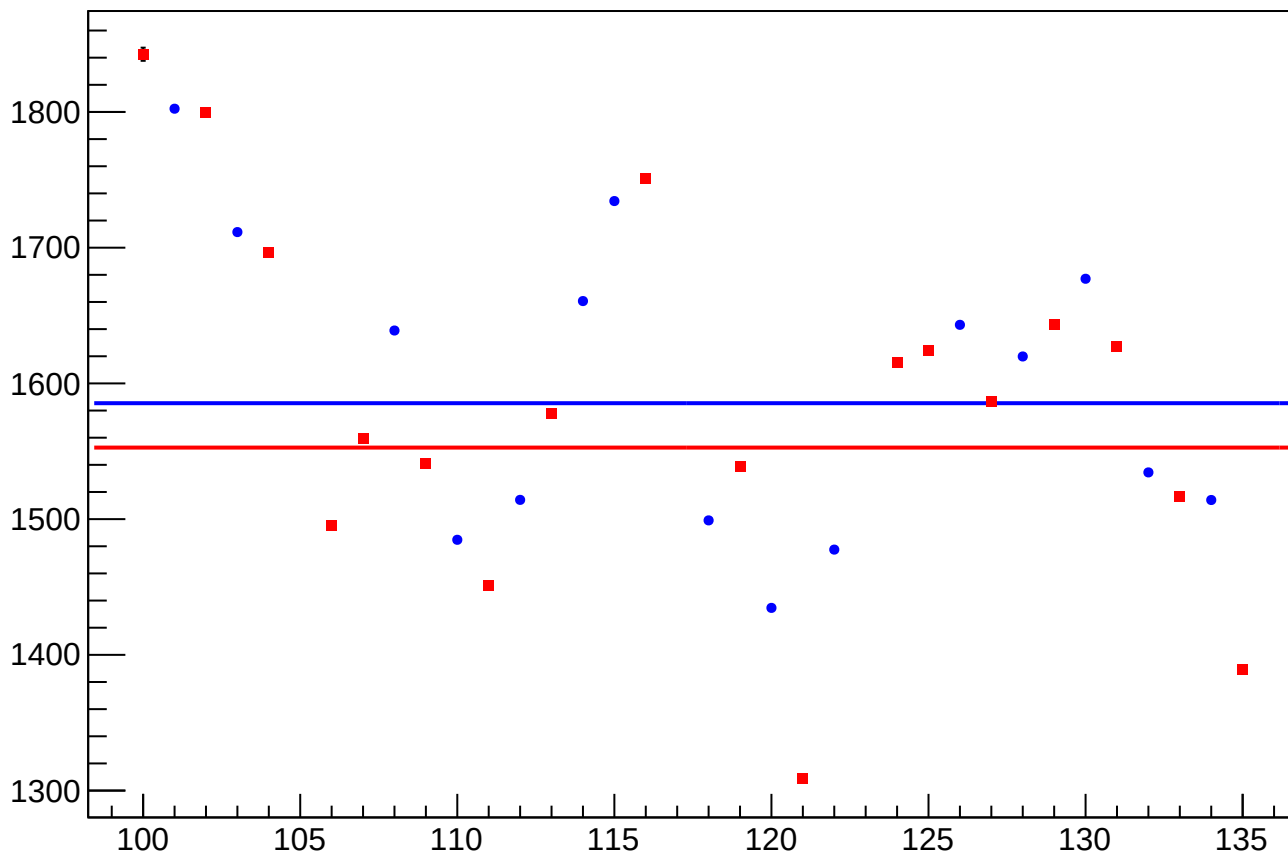
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -37.375+/-0.425 χ^2/NDF : 30959.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aX_rms vs Slug



Right In: 1585.419+/-0.446 χ^2/NDF : 57693.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1552.715+/-0.407 χ^2/NDF : 99398.2/17

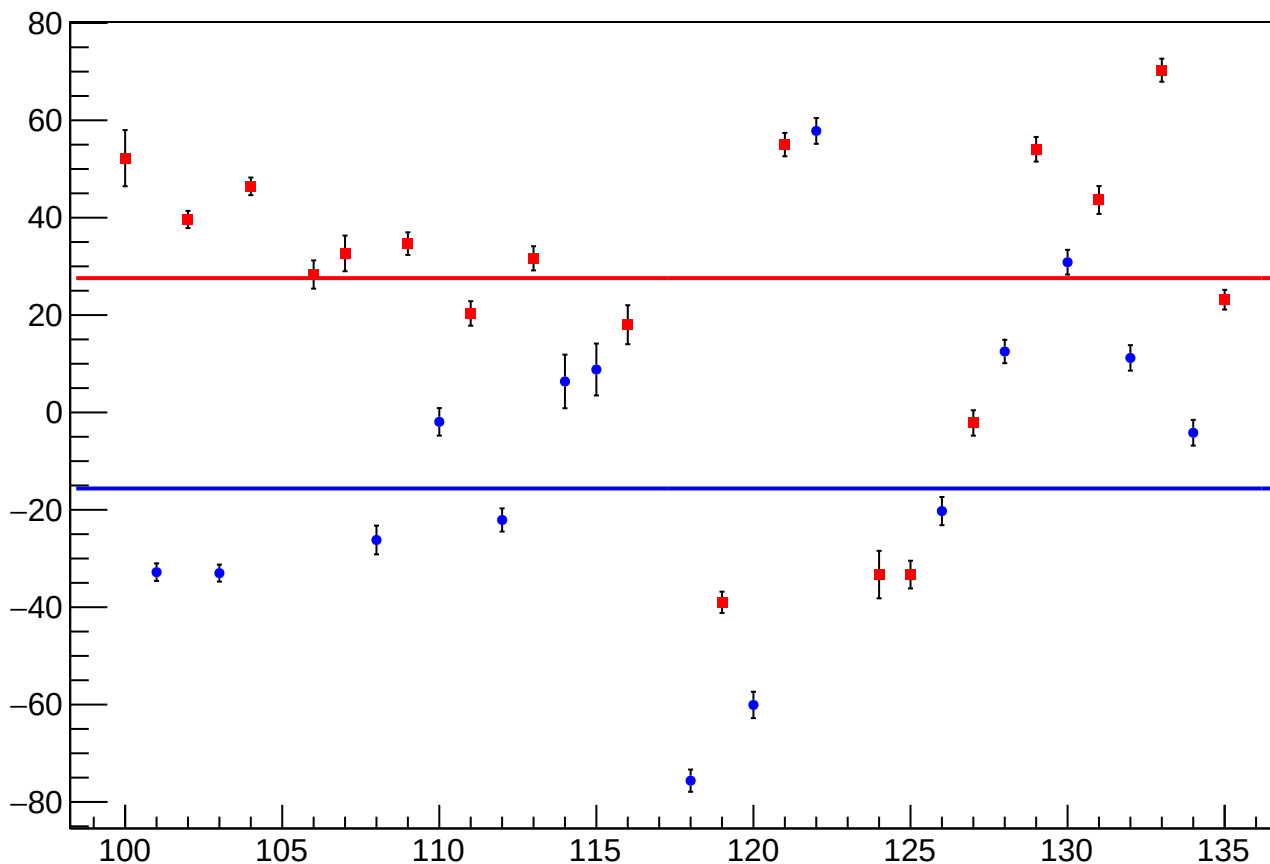
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1567.600+/-0.301 χ^2/NDF : 160025.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_mean vs Slug



Right In: -15.617 ± 0.656 χ^2/NDF : 2591.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 27.585 ± 0.596 χ^2/NDF : 2475.9/17

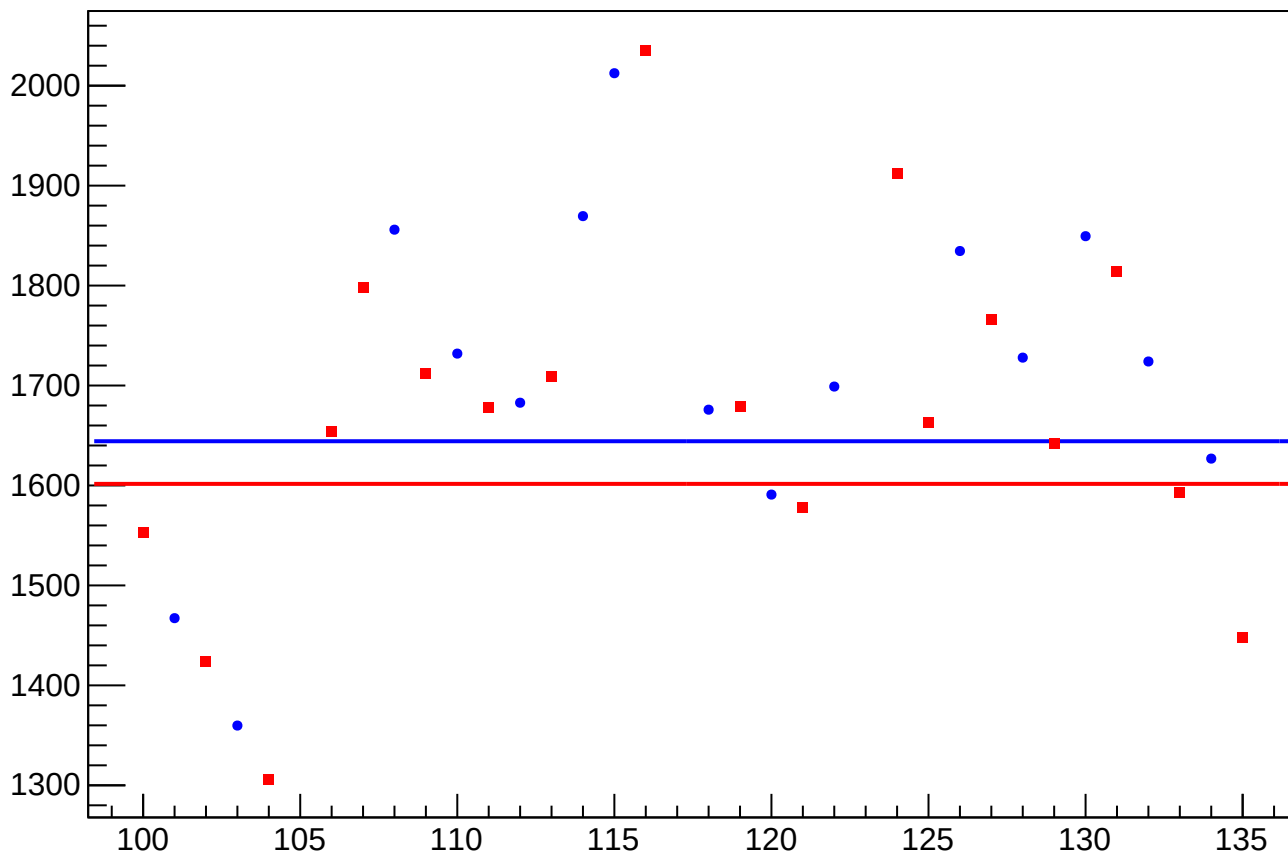
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 8.046 ± 0.441 χ^2/NDF : 7441.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm0i02aY_rms vs Slug



Right In: 1644.264+/-0.464 χ^2/NDF : 125680.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

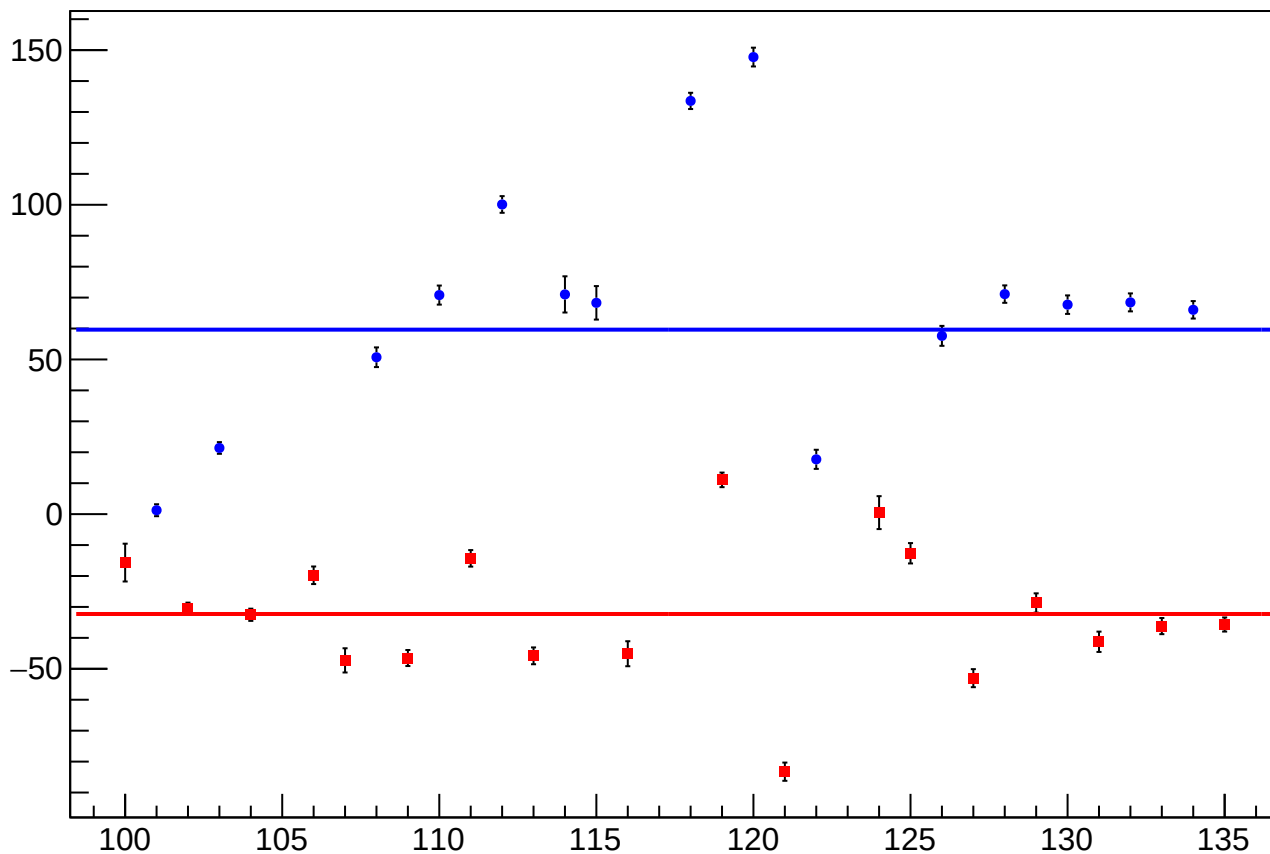
Right Out: 1601.589+/-0.422 χ^2/NDF : 156234.8/17

All: 1620.889+/-0.312 χ^2/NDF : 286547.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05X_mean vs Slug



Right In: 59.636 $\pm$ 0.728 χ^2 /NDF: 3433.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -32.283 $\pm$ 0.658 χ^2 /NDF: 928.1/17

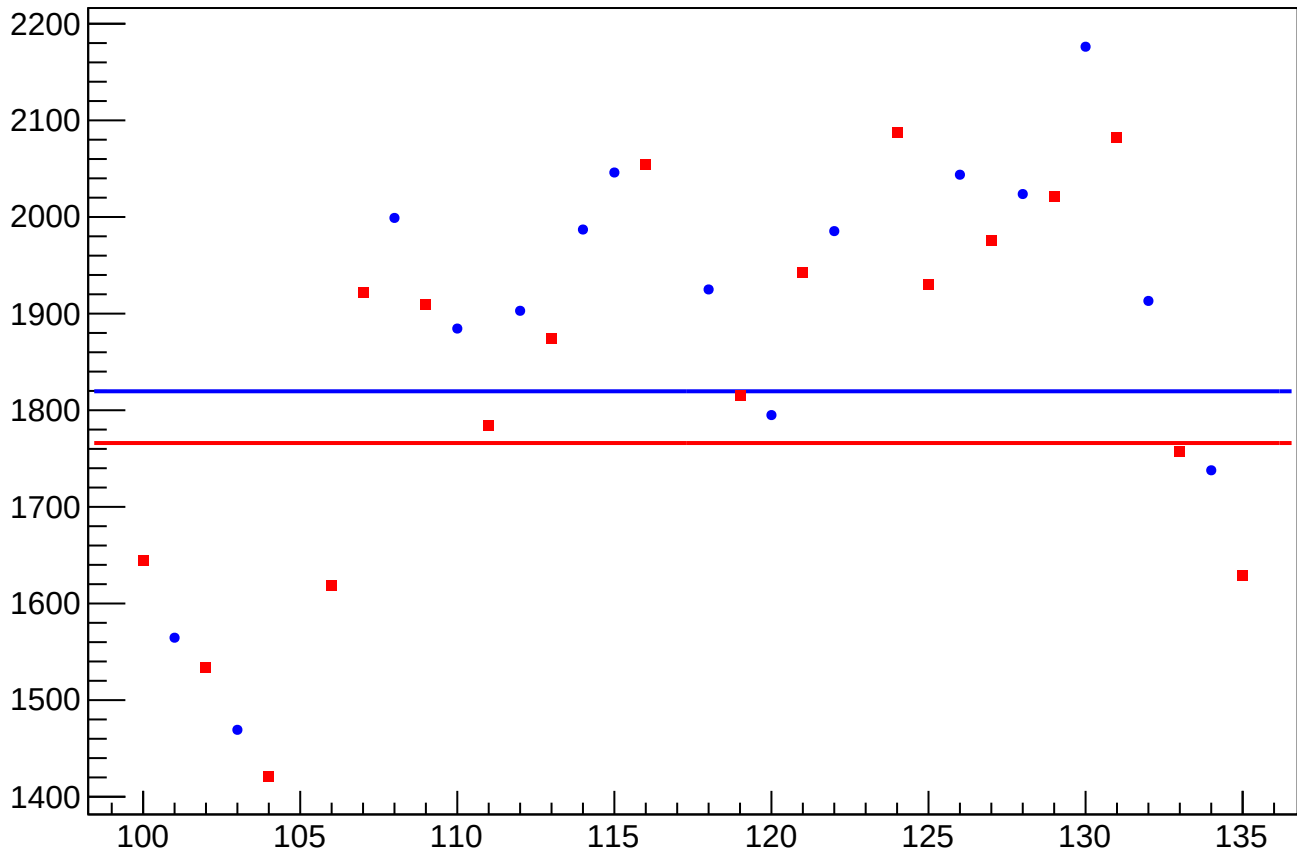
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.070 $\pm$ 0.488 χ^2 /NDF: 13142.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05X_rms vs Slug



Right In: 1819.625 $\pm$ 0.514 χ^2 /NDF: 179370.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

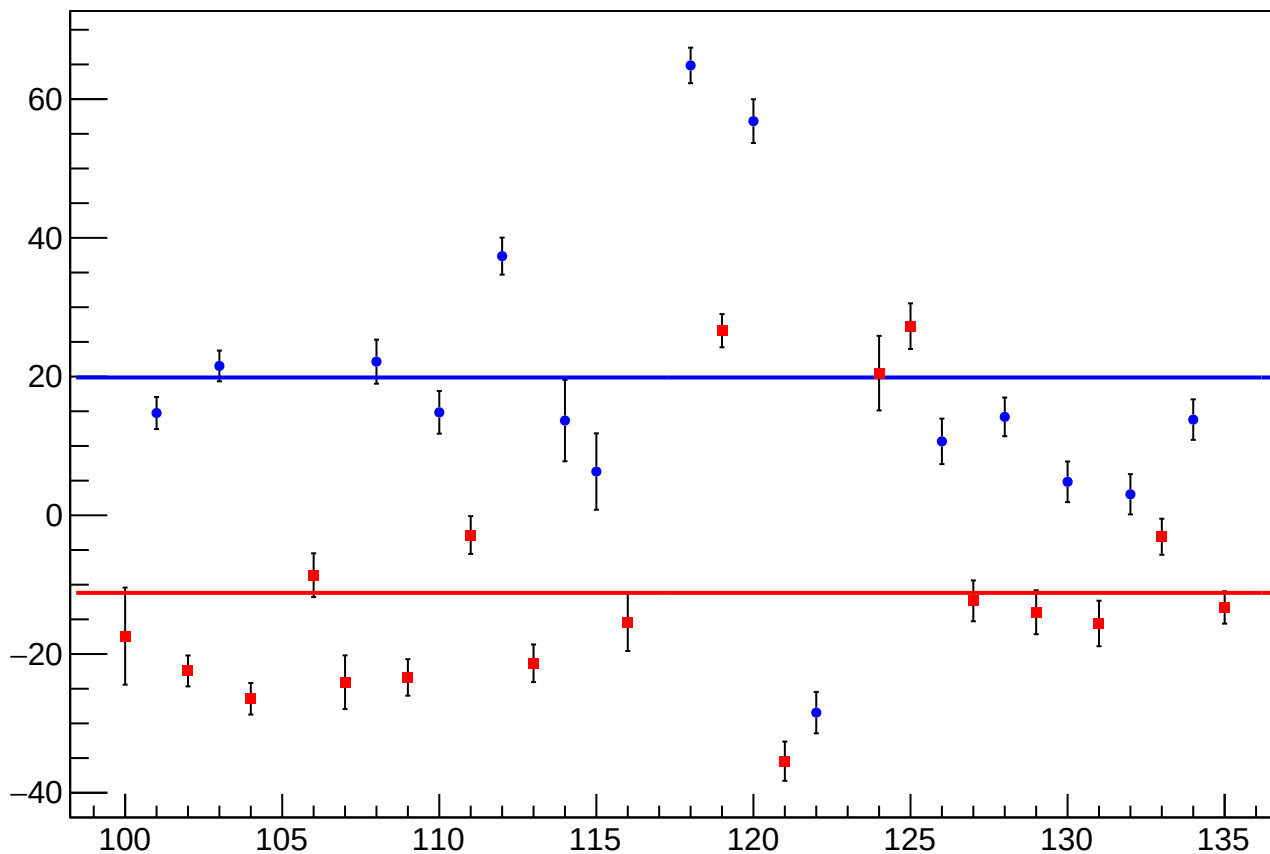
Right Out: 1766.074 $\pm$ 0.465 χ^2 /NDF: 189750.3/17

All: 1790.165 $\pm$ 0.345 χ^2 /NDF: 375081.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i05Y_mean vs Slug



Right In: 19.869+/-0.759 χ^2/NDF : 843.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.178+/-0.687 χ^2/NDF : 636.2/17

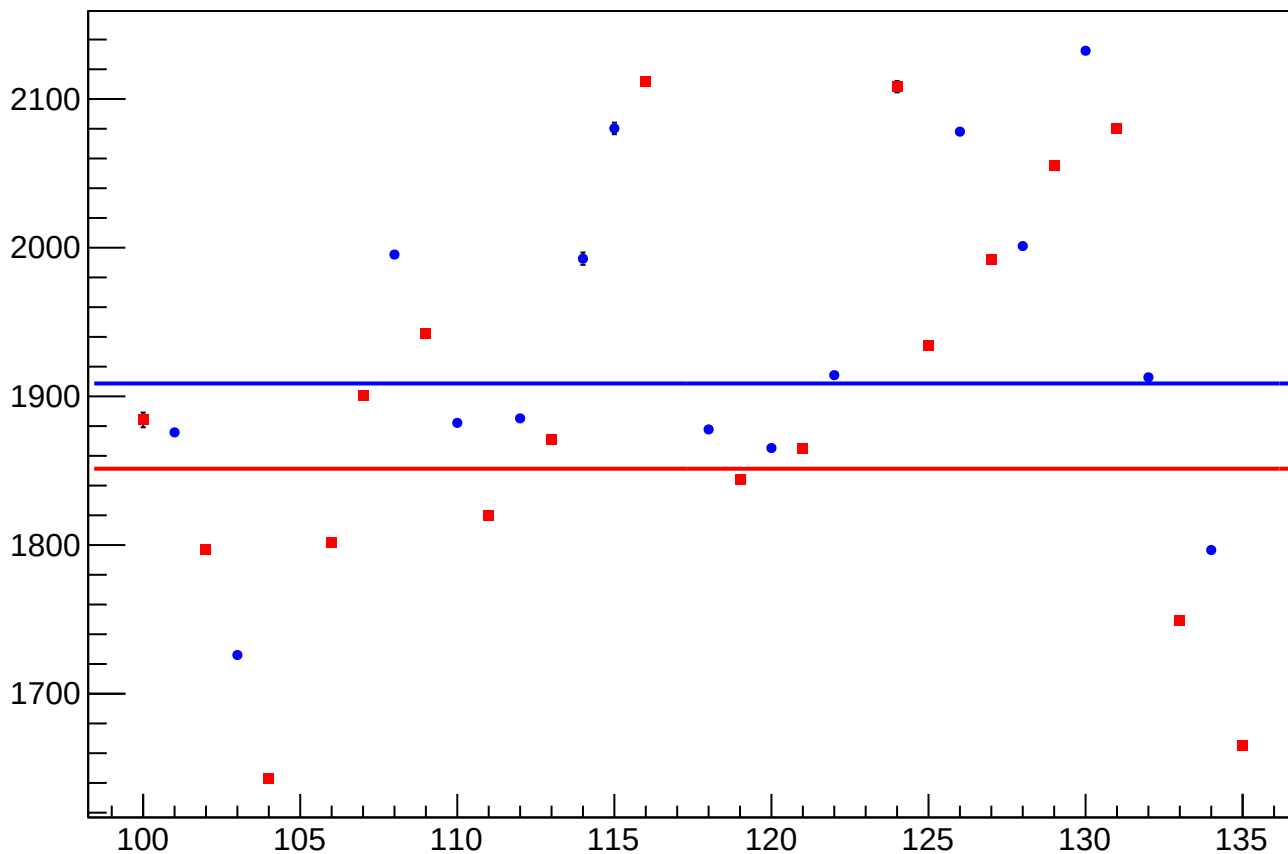
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.801+/-0.509 χ^2/NDF : 2399.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i05Y_rms vs Slug



Right In: 1908.680+/-0.537 χ^2/NDF : 40903.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1851.331+/-0.486 χ^2/NDF : 73650.5/17

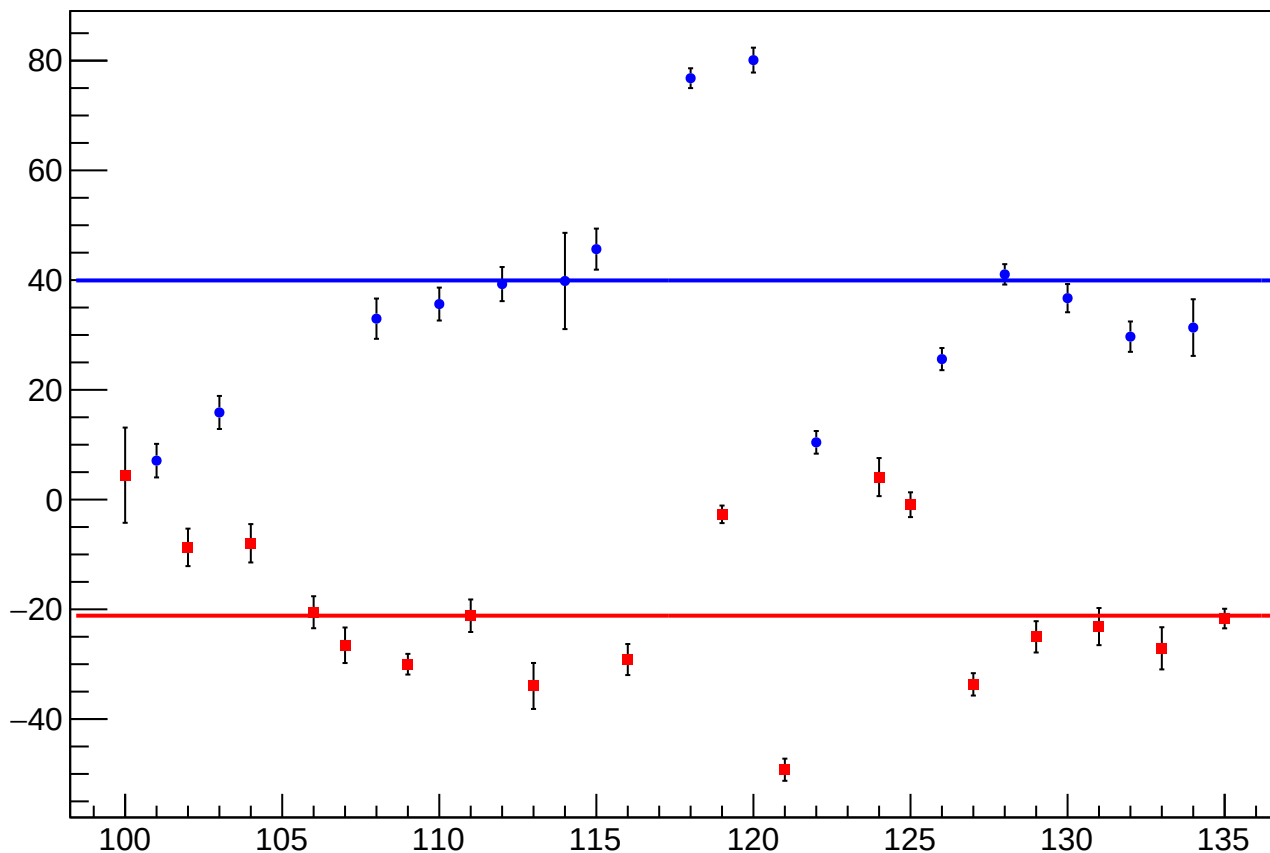
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1877.153+/-0.360 χ^2/NDF : 120835.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm0i07X_mean vs Slug



Right In: 39.940 $\pm$ 0.677 χ^2 /NDF: 1190.3/14

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

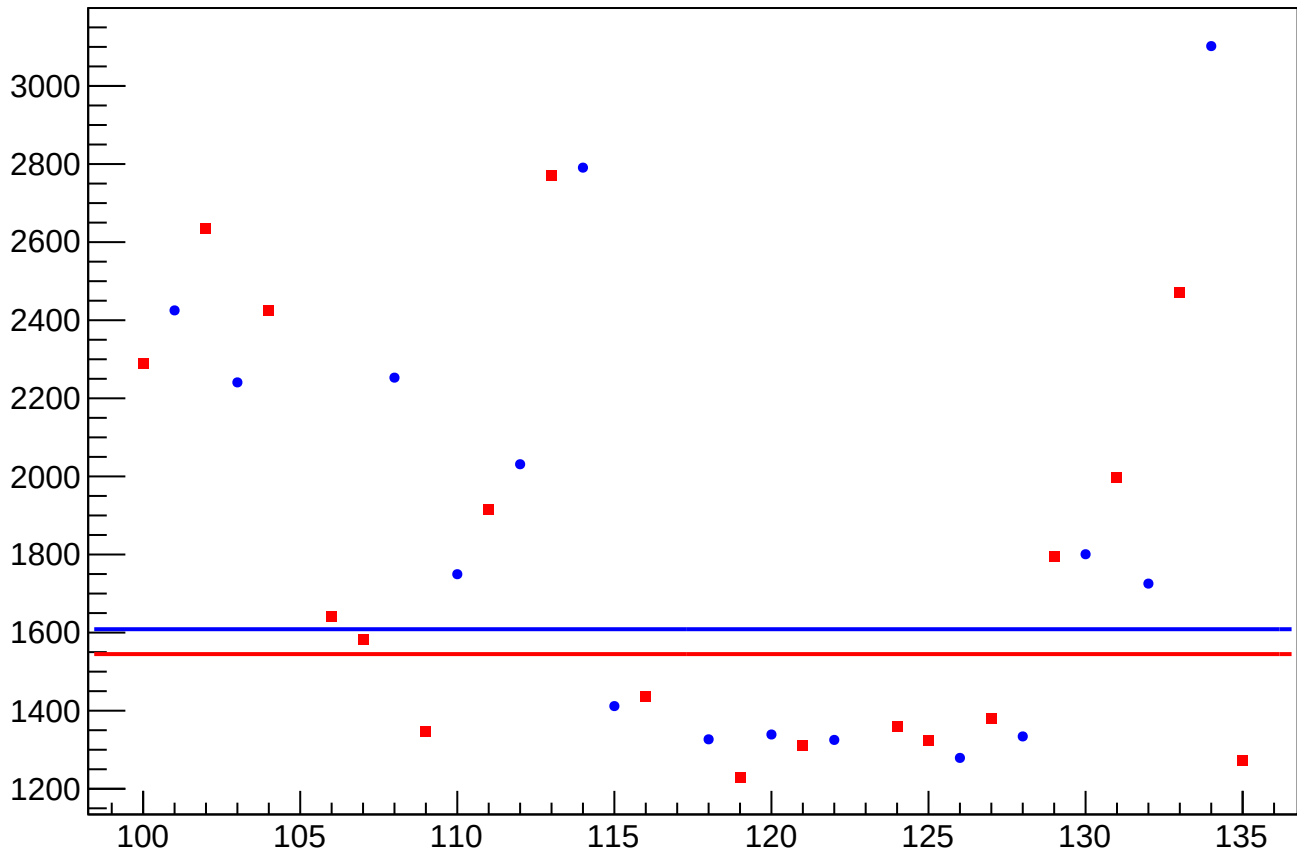
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.028 $\pm$ 0.452 χ^2 /NDF: 6288.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07X_rms vs Slug



Right In: 1608.673 $\pm$ 0.479 χ^2 /NDF: 769260.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1544.954 $\pm$ 0.429 χ^2 /NDF: 933556.8/17

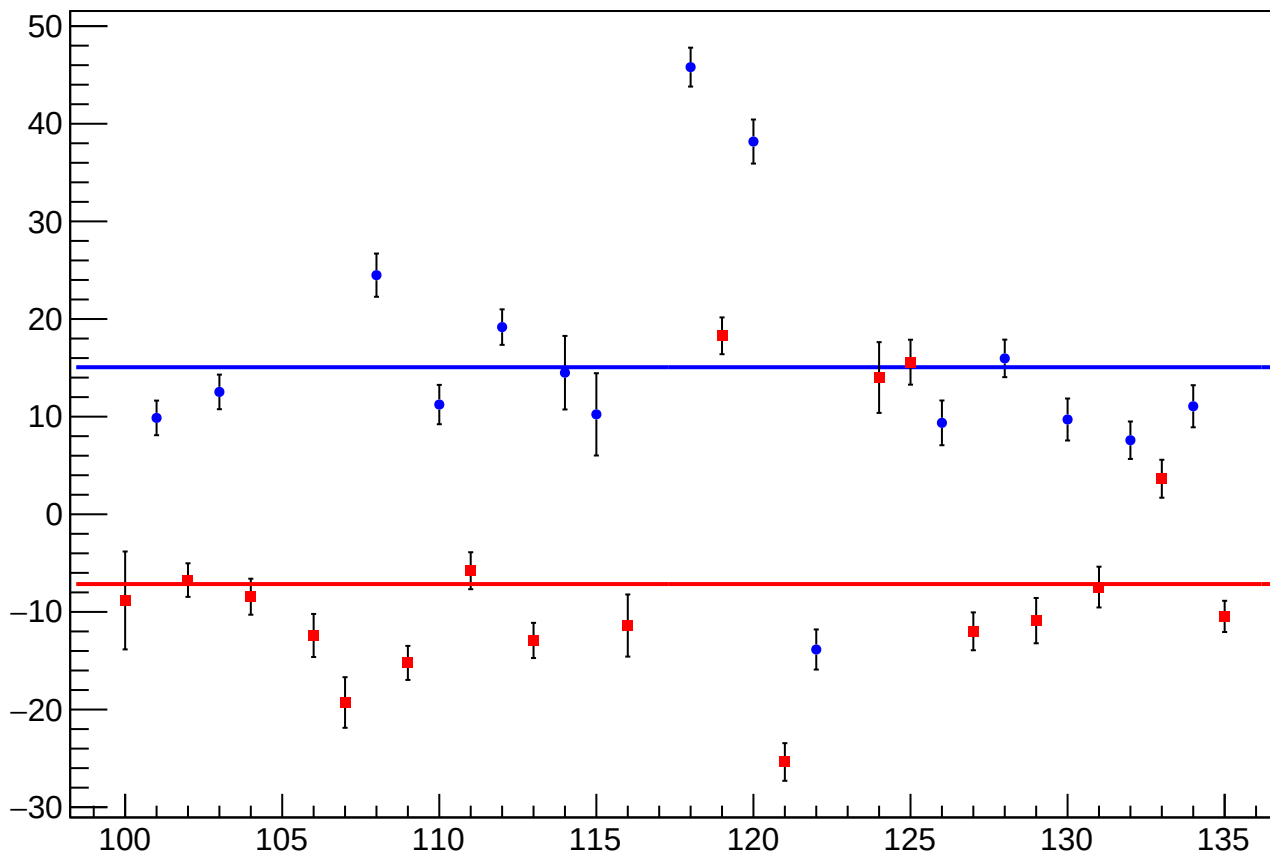
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1573.304 $\pm$ 0.319 χ^2 /NDF: 1712644.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_mean vs Slug



Right In: 15.064 $\pm$ 0.545 χ^2 /NDF: 610.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -7.146 $\pm$ 0.488 χ^2 /NDF: 509.4/17

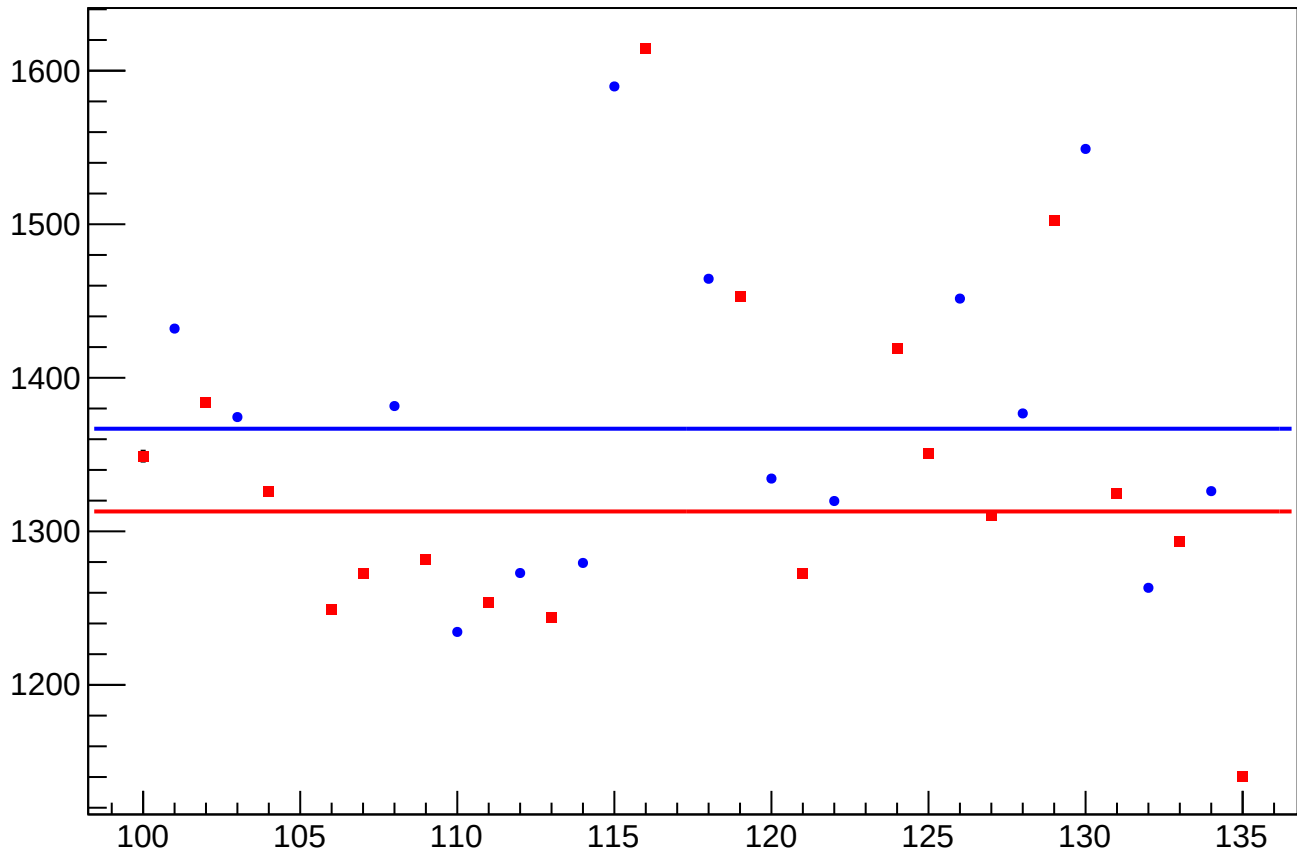
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.742 $\pm$ 0.364 χ^2 /NDF: 2041.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm0i07Y_rms vs Slug



Right In: 1366.833+/-0.385 χ^2/NDF : 53448.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1312.950+/-0.345 χ^2/NDF : 80385.1/17

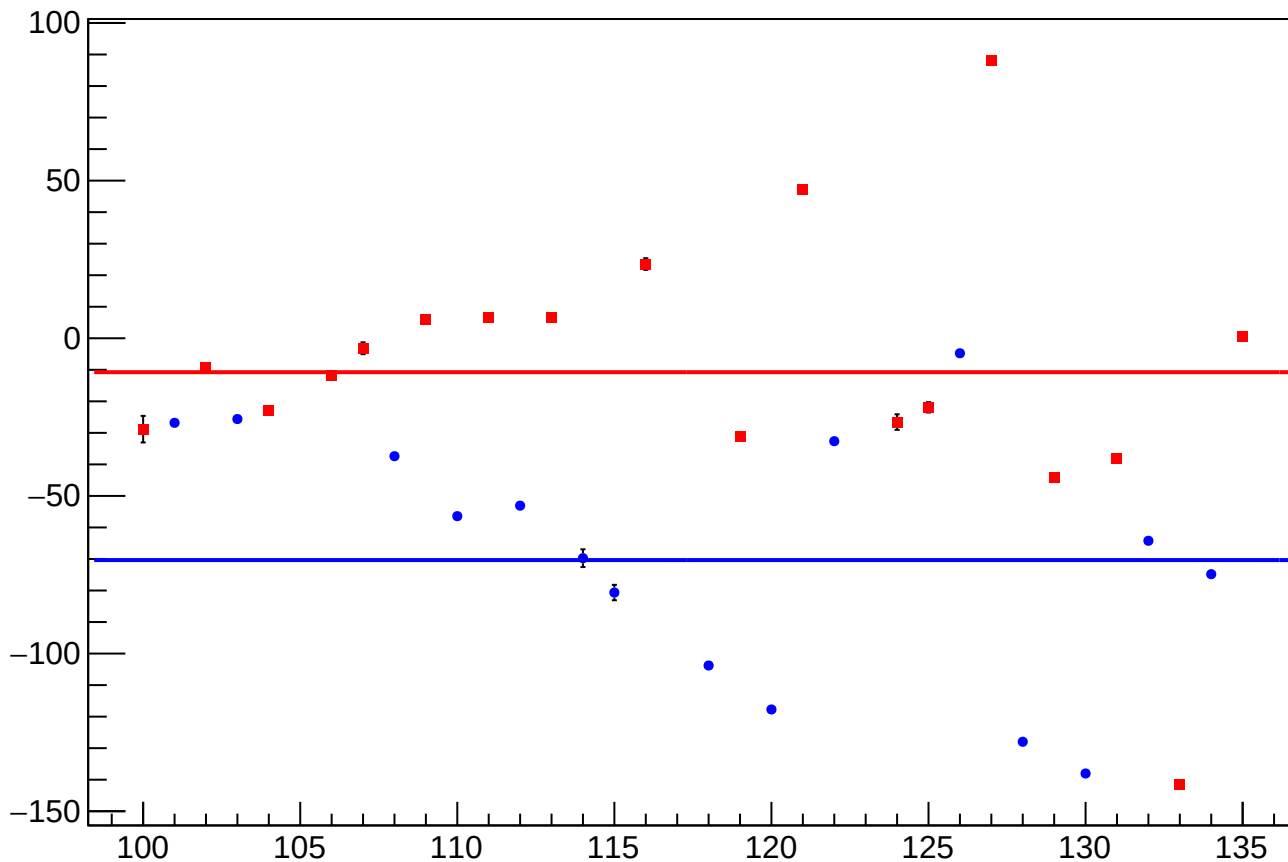
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1336.940+/-0.257 χ^2/NDF : 144676.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i02X_mean vs Slug



Right In: -70.343 ± 0.373 χ^2/NDF : 11932.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -10.760 ± 0.349 χ^2/NDF : 18945.3/17

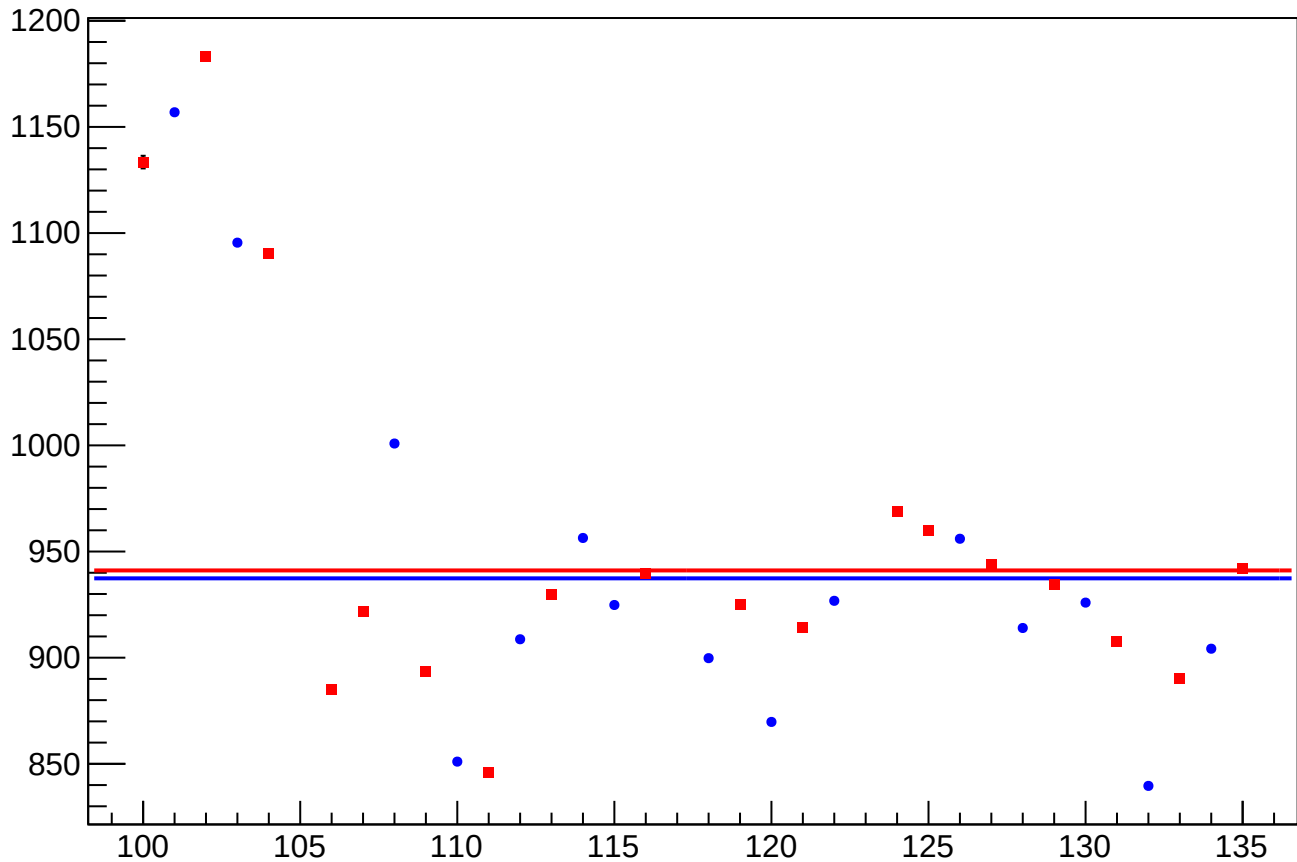
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.557 ± 0.255 χ^2/NDF : 44457.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

diff_bpm1i02X_rms vs Slug



Right In: 937.367 $\pm$ 0.264 χ^2 /NDF: 104652.0/14

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

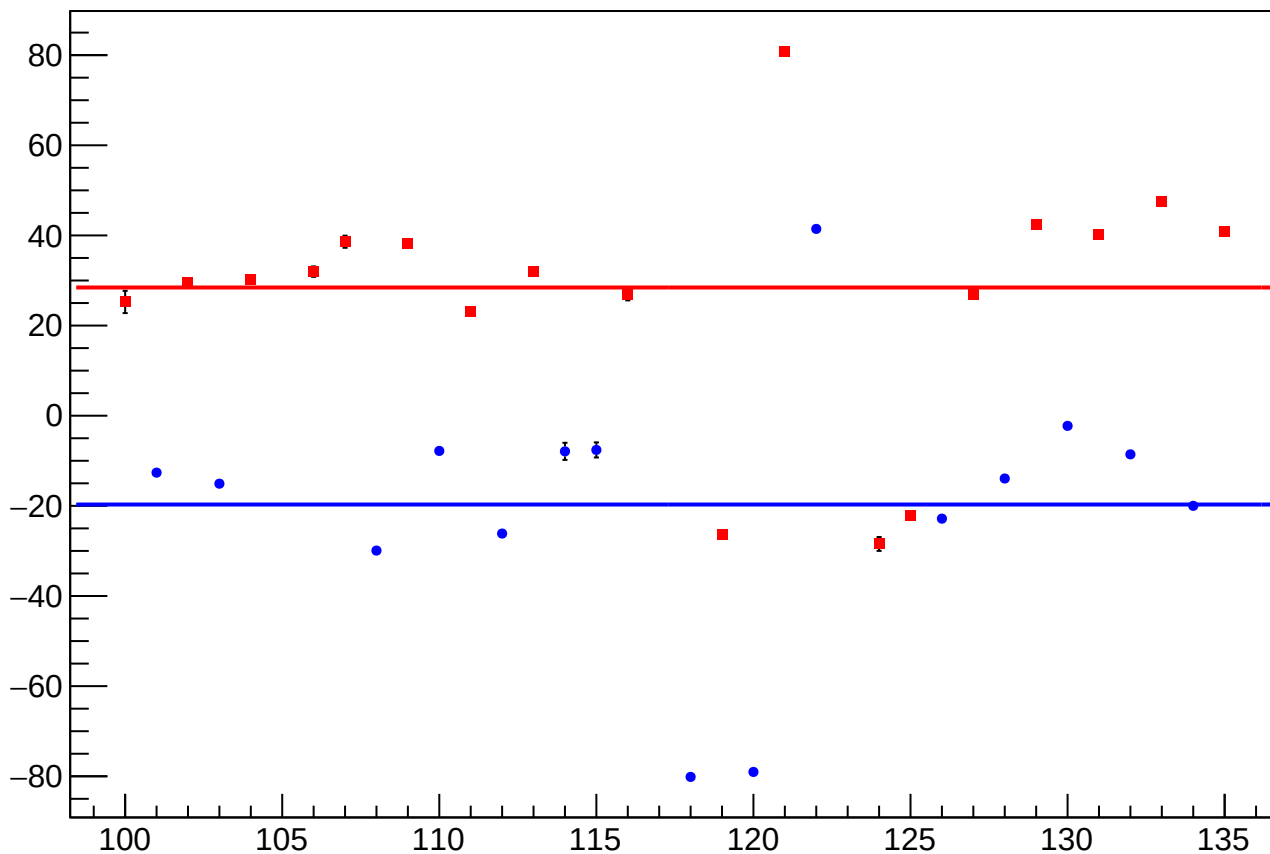
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 939.356 $\pm$ 0.180 χ^2 /NDF: 205757.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i02Y_mean vs Slug



Right In: -19.705+/-0.251 χ^2/NDF : 13168.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.450+/-0.233 χ^2/NDF : 12969.9/17

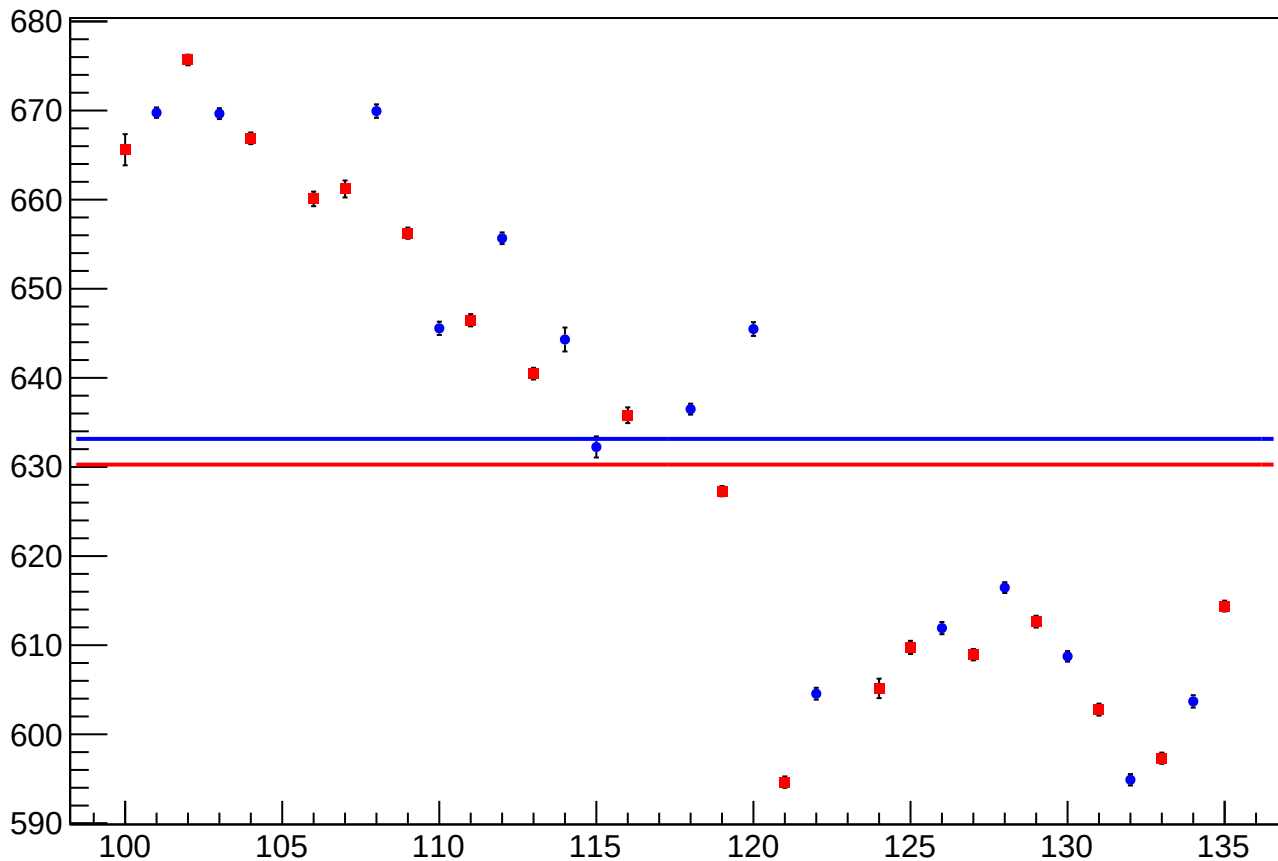
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.173+/-0.171 χ^2/NDF : 45871.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i02Y_rms vs Slug



Right In: 633.152 $\pm$ 0.178 χ^2 /NDF: 22402.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 630.266 $\pm$ 0.165 χ^2 /NDF: 25777.4/17

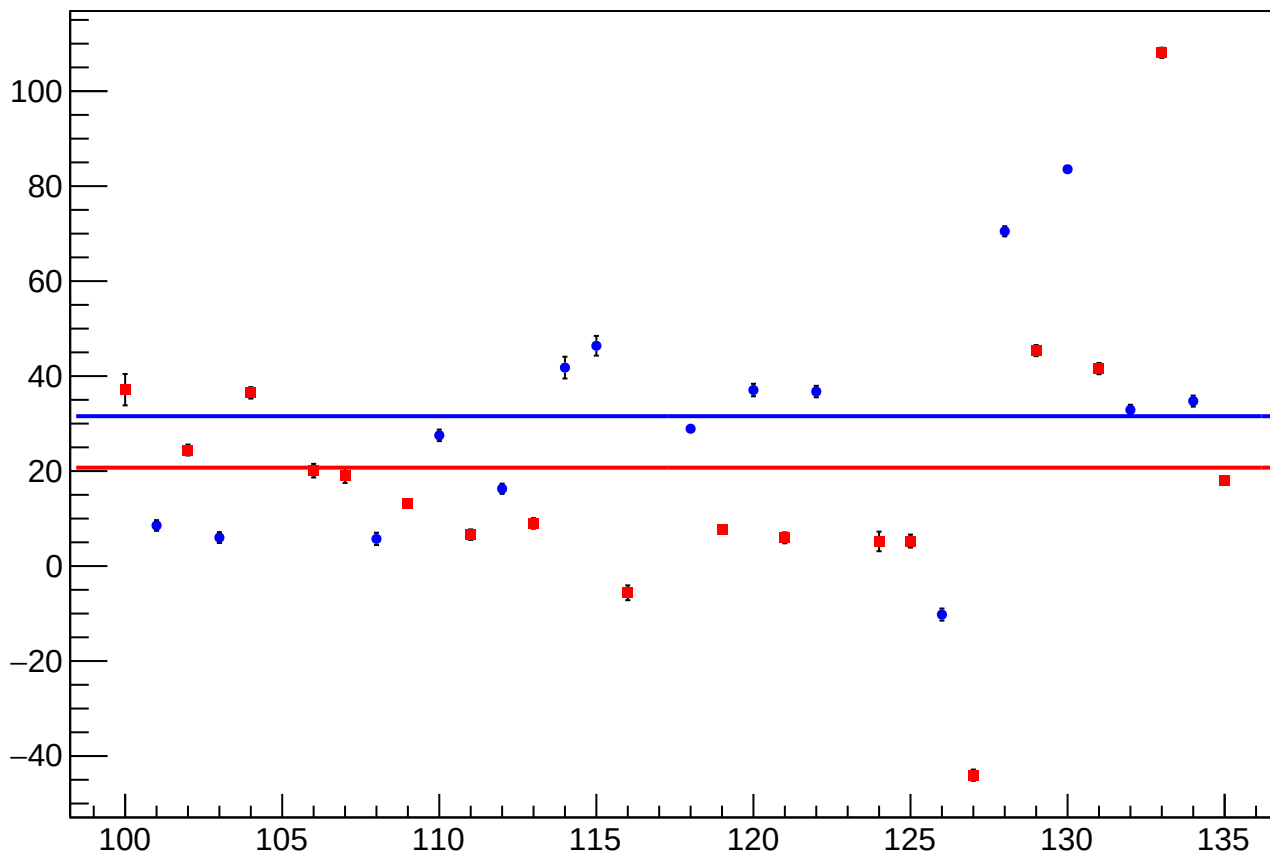
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 631.601 $\pm$ 0.121 χ^2 /NDF: 48321.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04X_mean vs Slug



Right In: 31.557+/-0.311 χ^2/NDF : 6539.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.724+/-0.290 χ^2/NDF : 11767.6/17

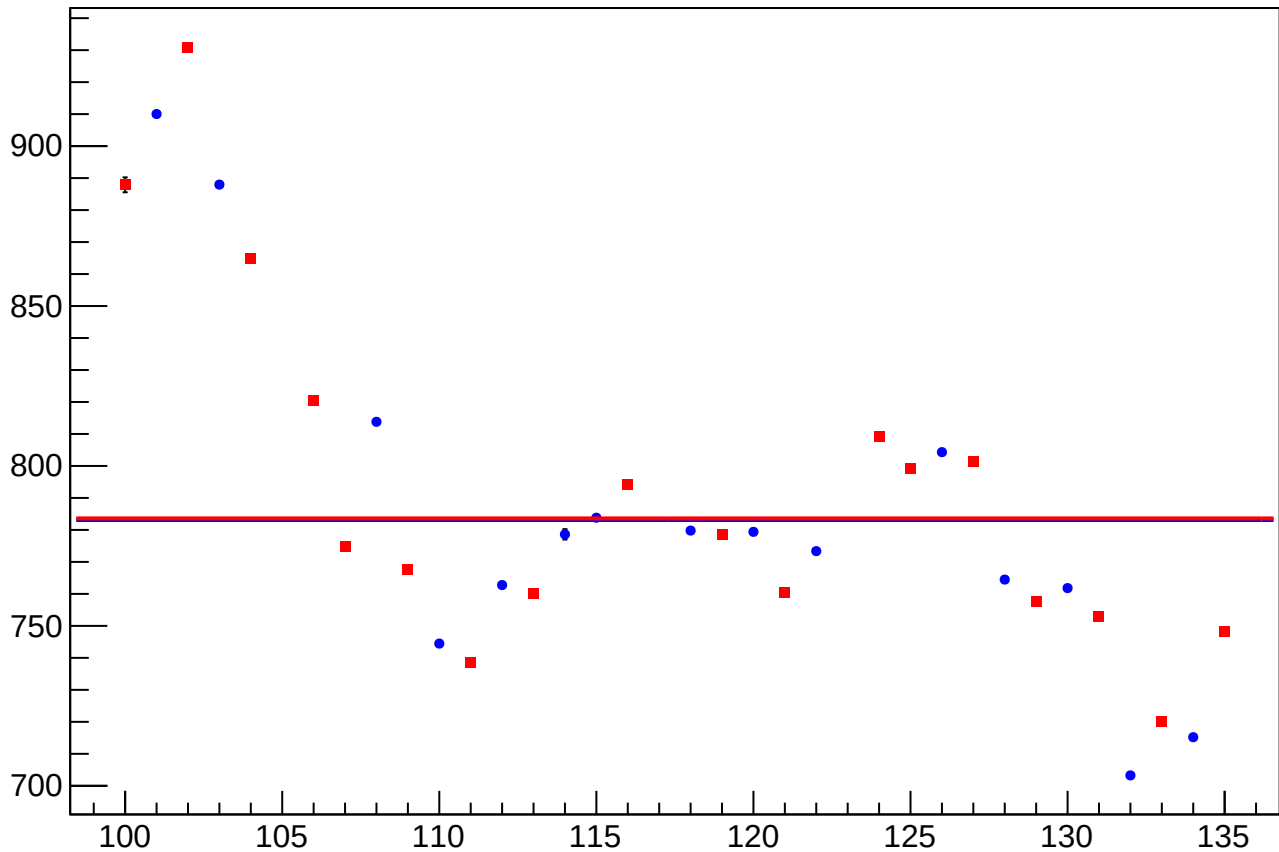
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 25.761+/-0.212 χ^2/NDF : 18953.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04X_rms vs Slug



Right In: 783.105 $\pm$ 0.220 χ^2 /NDF: 66478.7/14

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

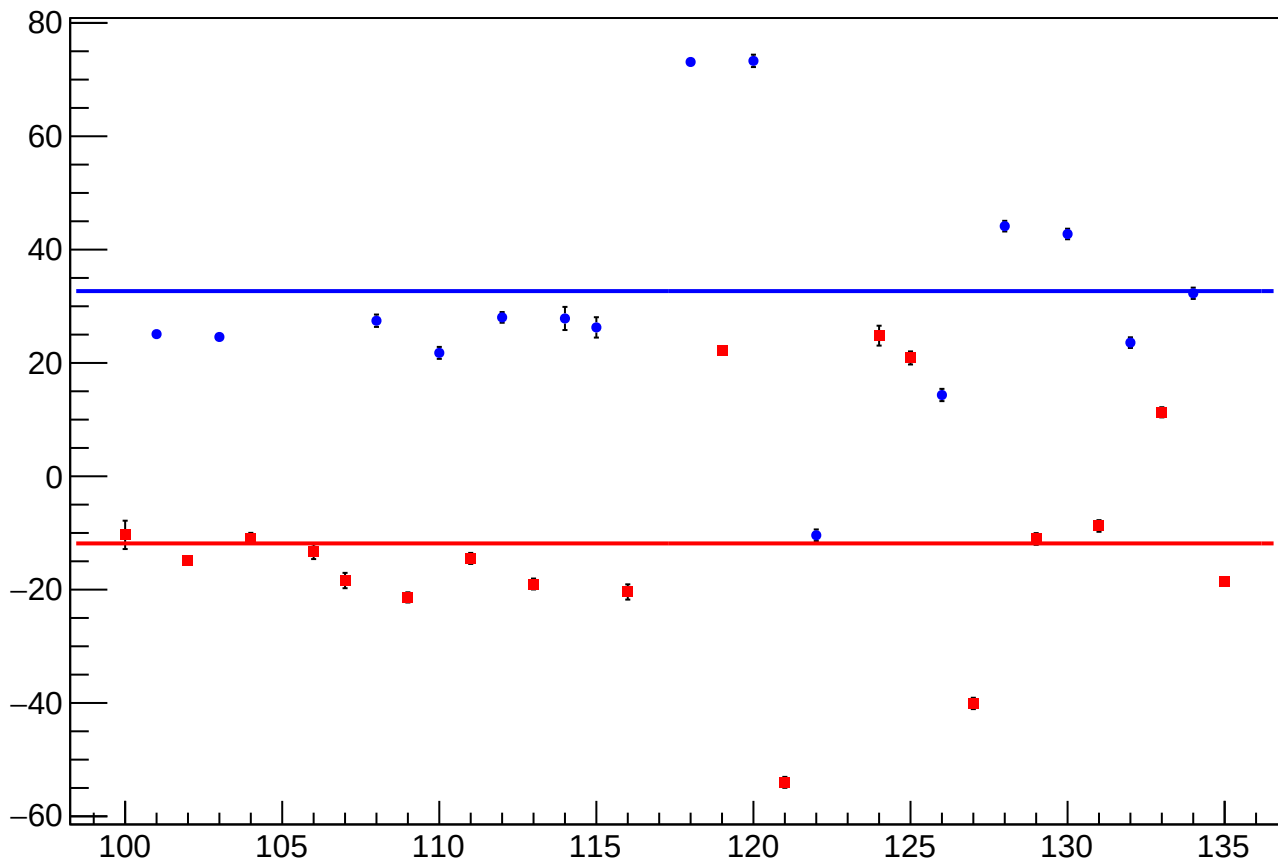
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 783.370 $\pm$ 0.150 χ^2 /NDF: 129830.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i04Y_mean vs Slug



Right In: 32.679+/-0.263 χ^2/NDF : 6257.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.846+/-0.245 χ^2/NDF : 6548.4/17

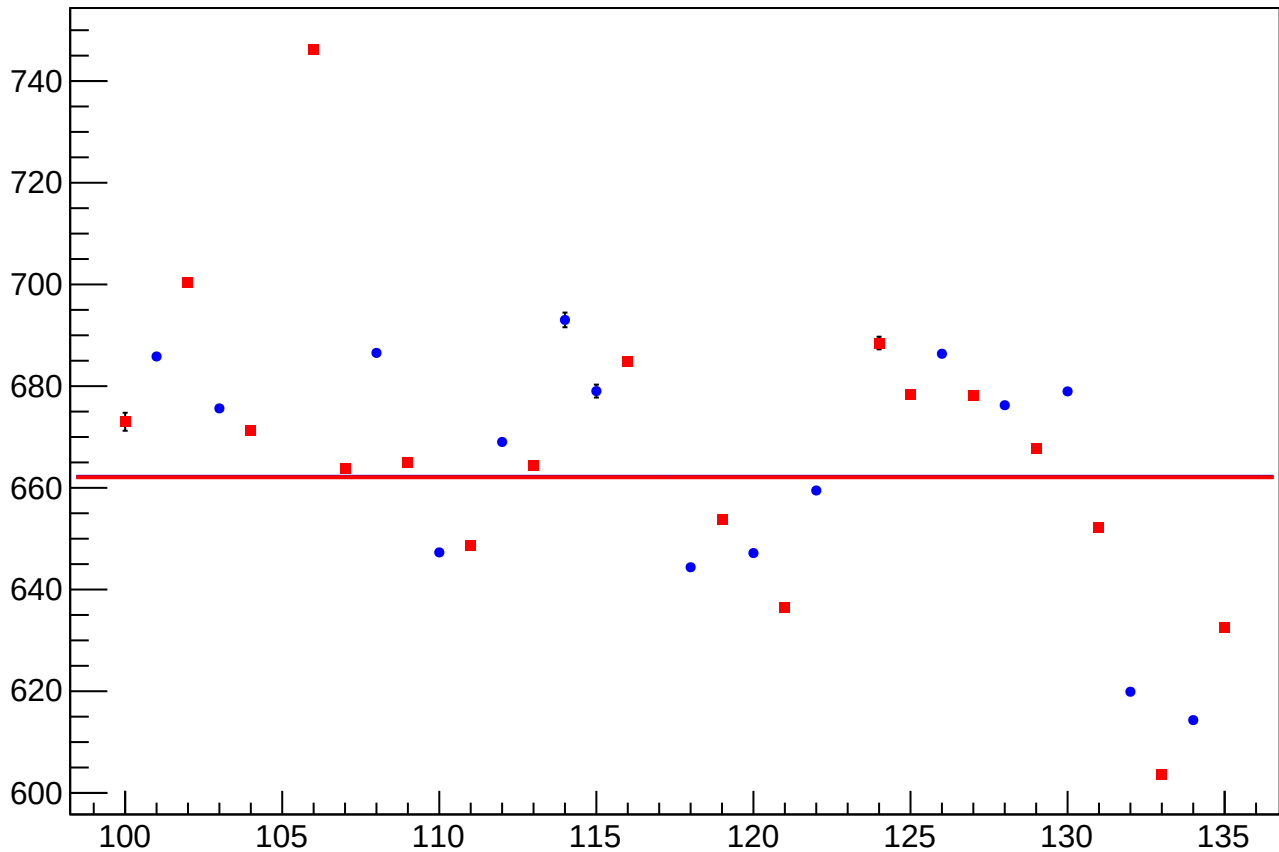
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.863+/-0.179 χ^2/NDF : 28160.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i04Y_rms vs Slug



Right In: 662.170 $\pm$ 0.186 χ^2 /NDF: 16122.4/14

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

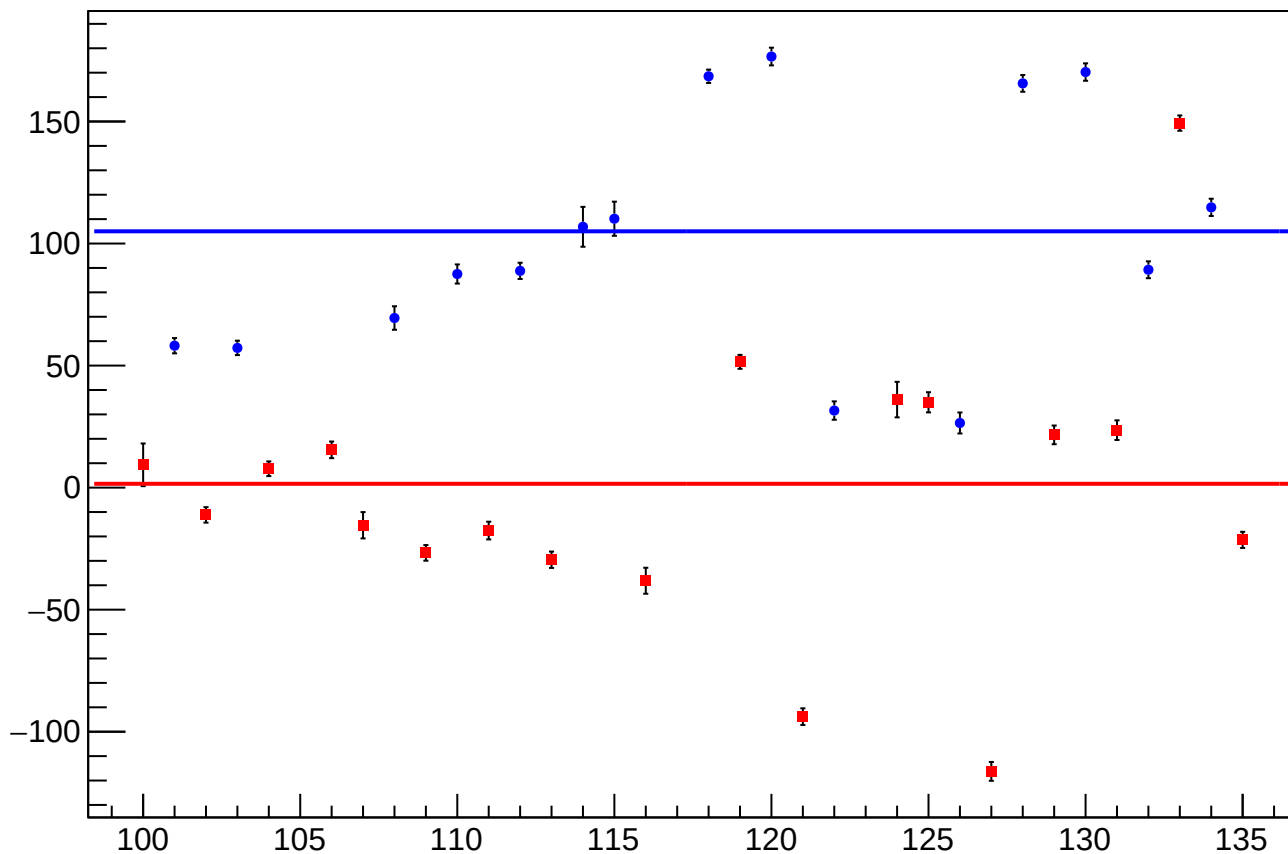
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 662.125 $\pm$ 0.127 χ^2 /NDF: 43410.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_mean vs Slug



Right In: 105.011 $\pm$ 0.949 χ^2 /NDF: 2900.3/14

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

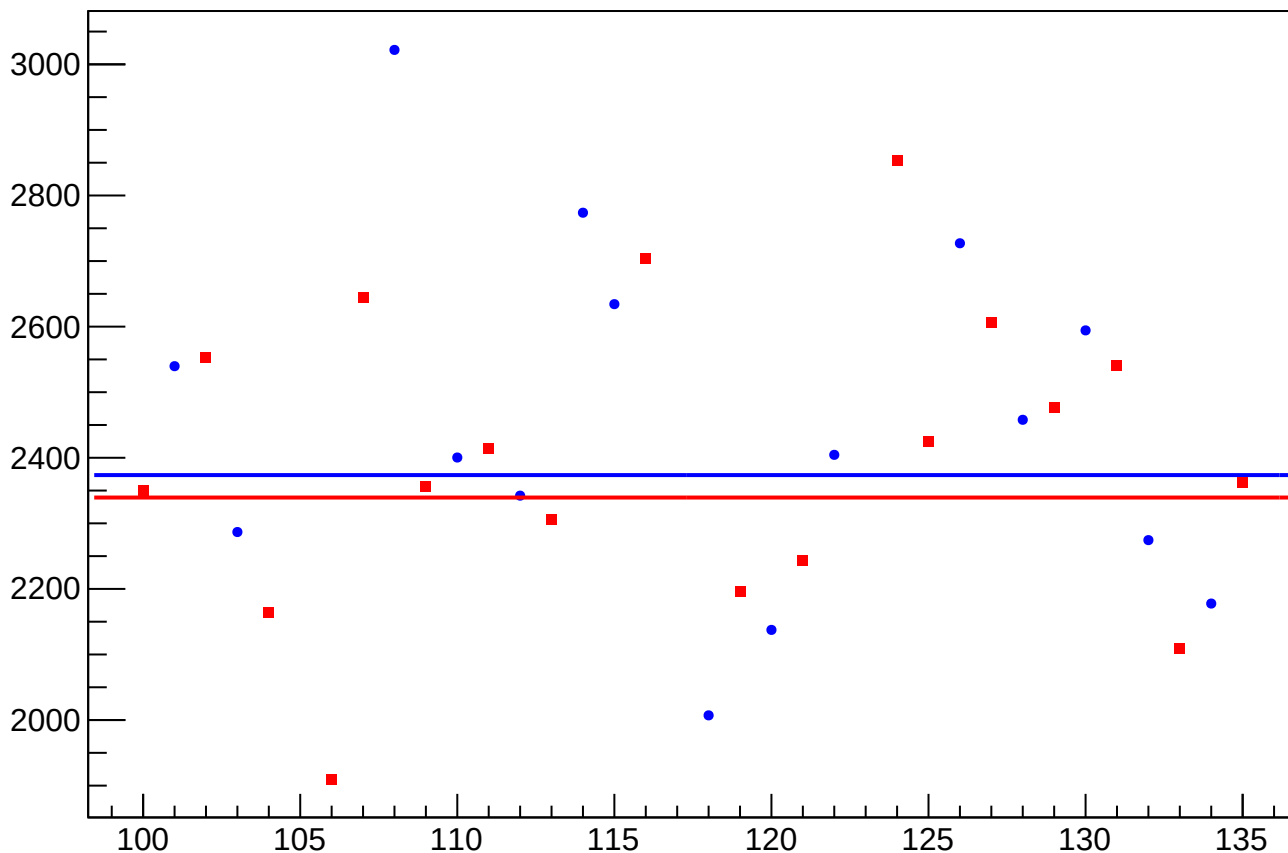
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.899 $\pm$ 0.642 χ^2 /NDF: 14081.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

diff_bpm1i06X_rms vs Slug



Right In: 2373.596+/-0.671 χ^2/NDF : 126150.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2339.356+/-0.616 χ^2/NDF : 110157.8/17

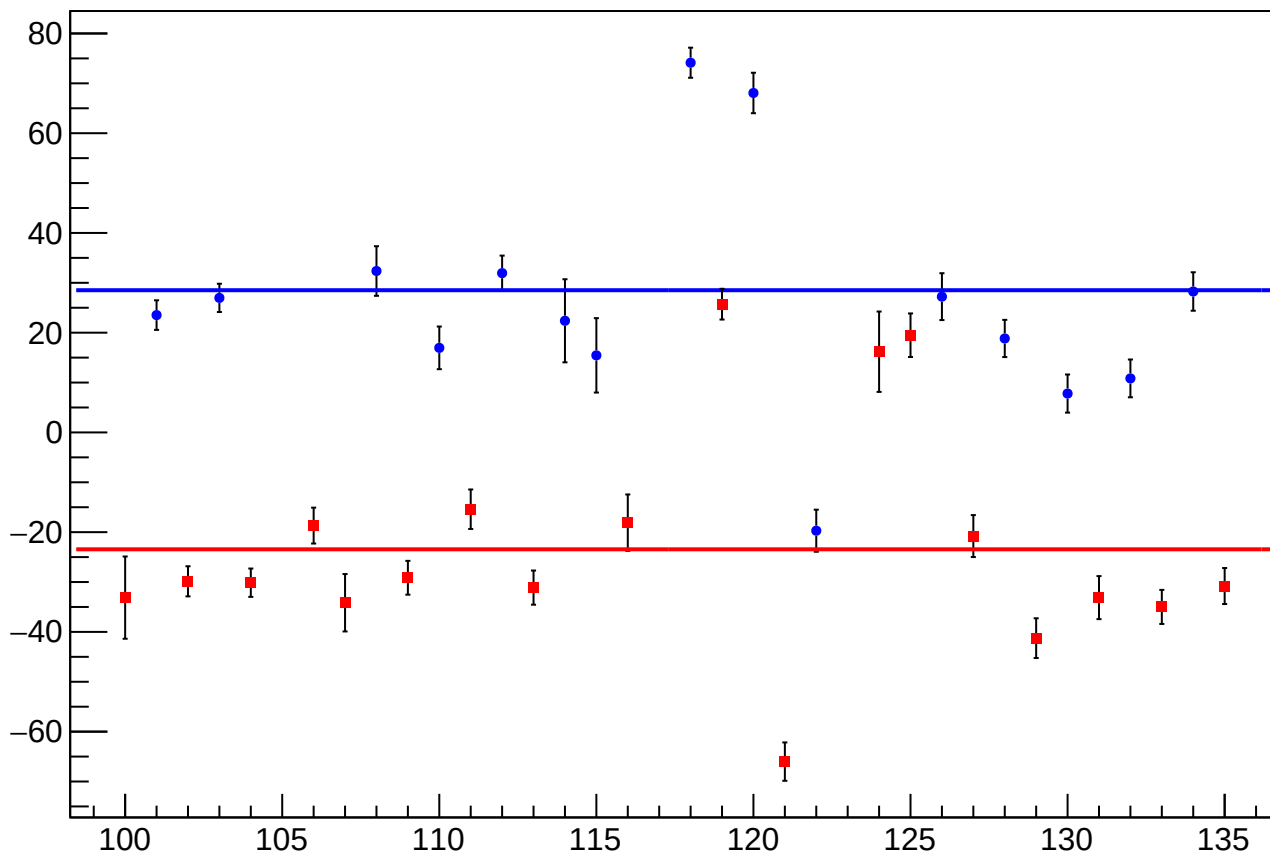
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2355.022+/-0.454 χ^2/NDF : 237722.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_mean vs Slug



Right In: 28.515+/-1.002 χ^2/NDF : 527.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.438+/-0.913 χ^2/NDF : 567.9/17

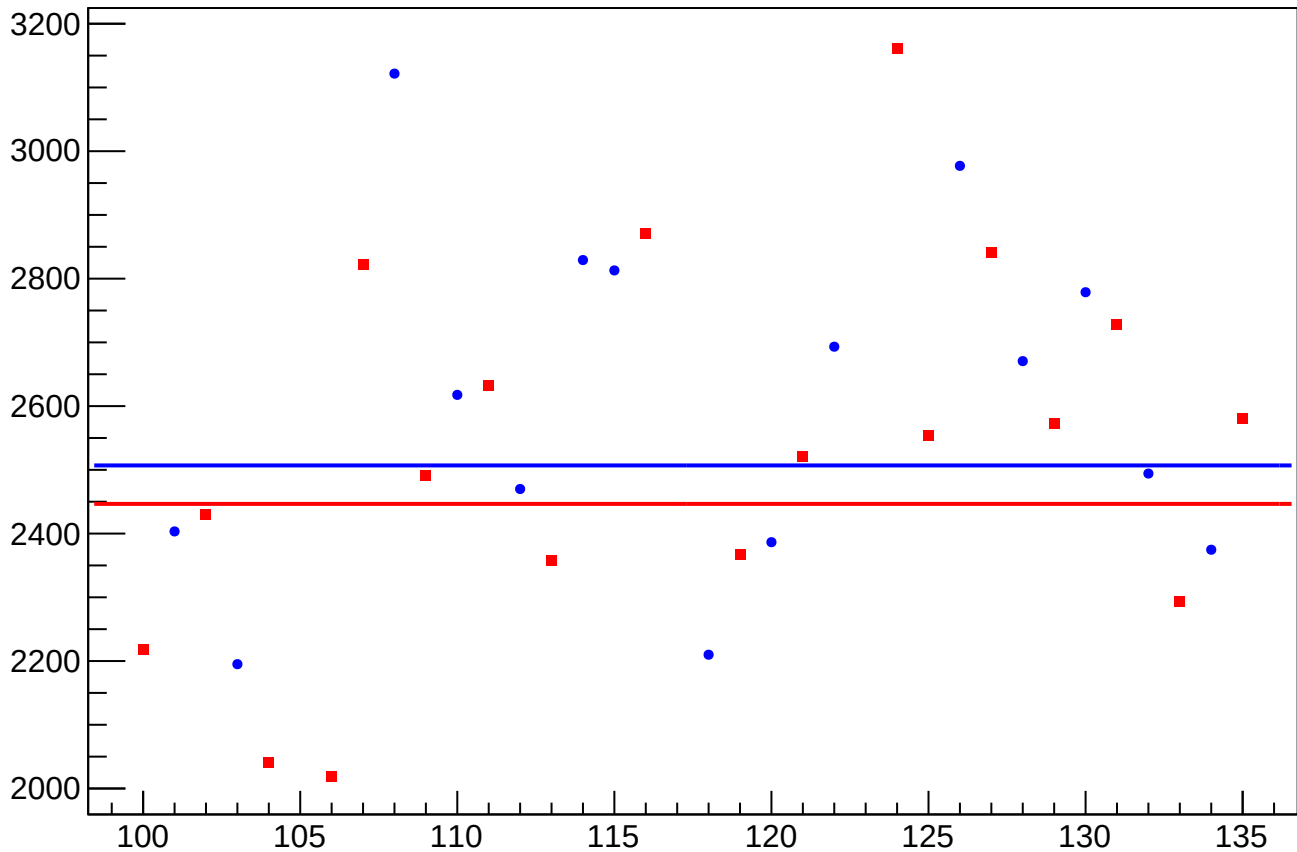
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.133+/-0.675 χ^2/NDF : 2564.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

diff_bpm1i06Y_rms vs Slug



Right In: 2506.933+/-0.709 χ^2/NDF : 126517.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

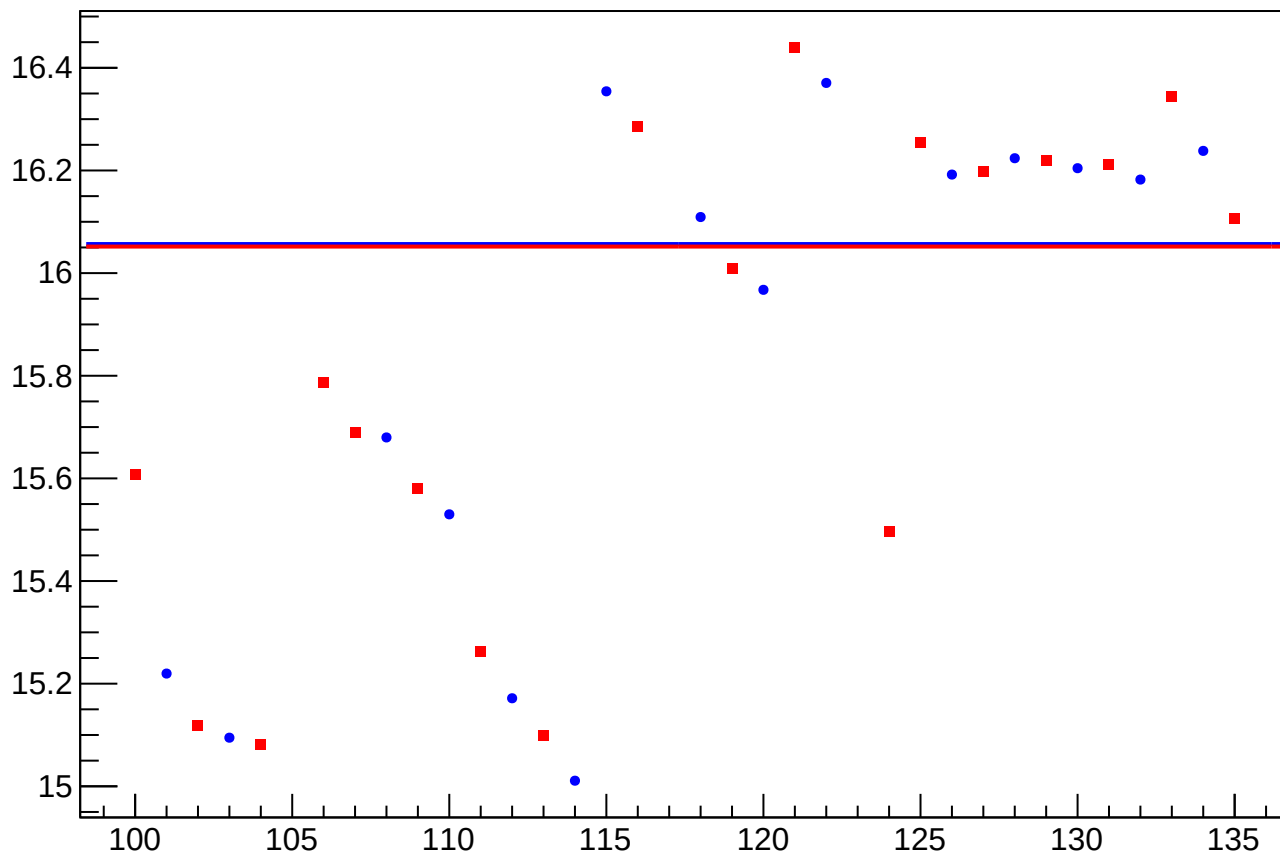
Right Out: 2446.580+/-0.646 χ^2/NDF : 150309.8/17

All: 2473.962+/-0.477 χ^2/NDF : 280790.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_mean vs Slug



Right In: 16.057+/-0.000 χ^2/NDF : 2827675246.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.052+/-0.000 χ^2/NDF : 3542516635.7/17

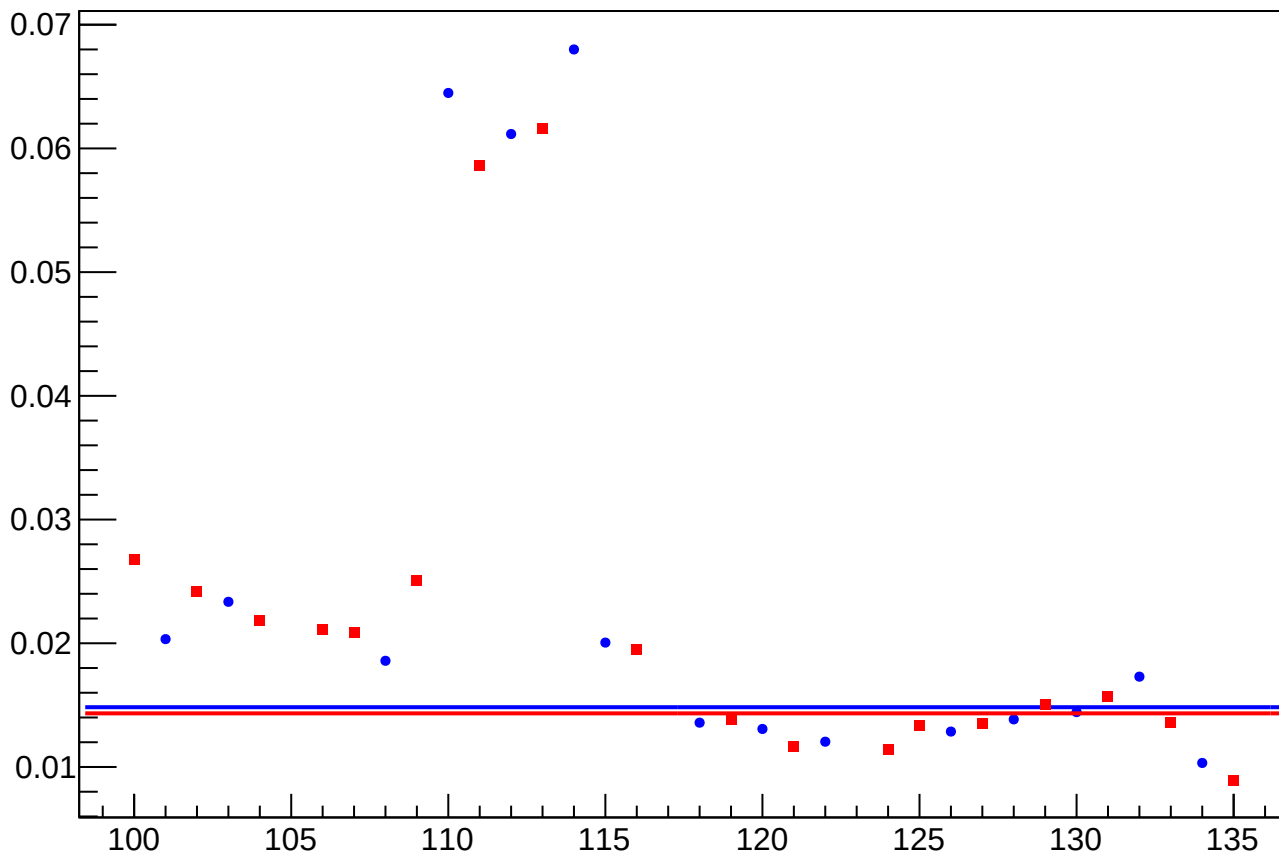
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.054+/-0.000 χ^2/NDF : 6370492364.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam1_rms vs Slug



Right In: 0.015 $\pm$ 0.000 χ^2 /NDF: 1567018.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.014 $\pm$ 0.000 χ^2 /NDF: 2032992.5/17

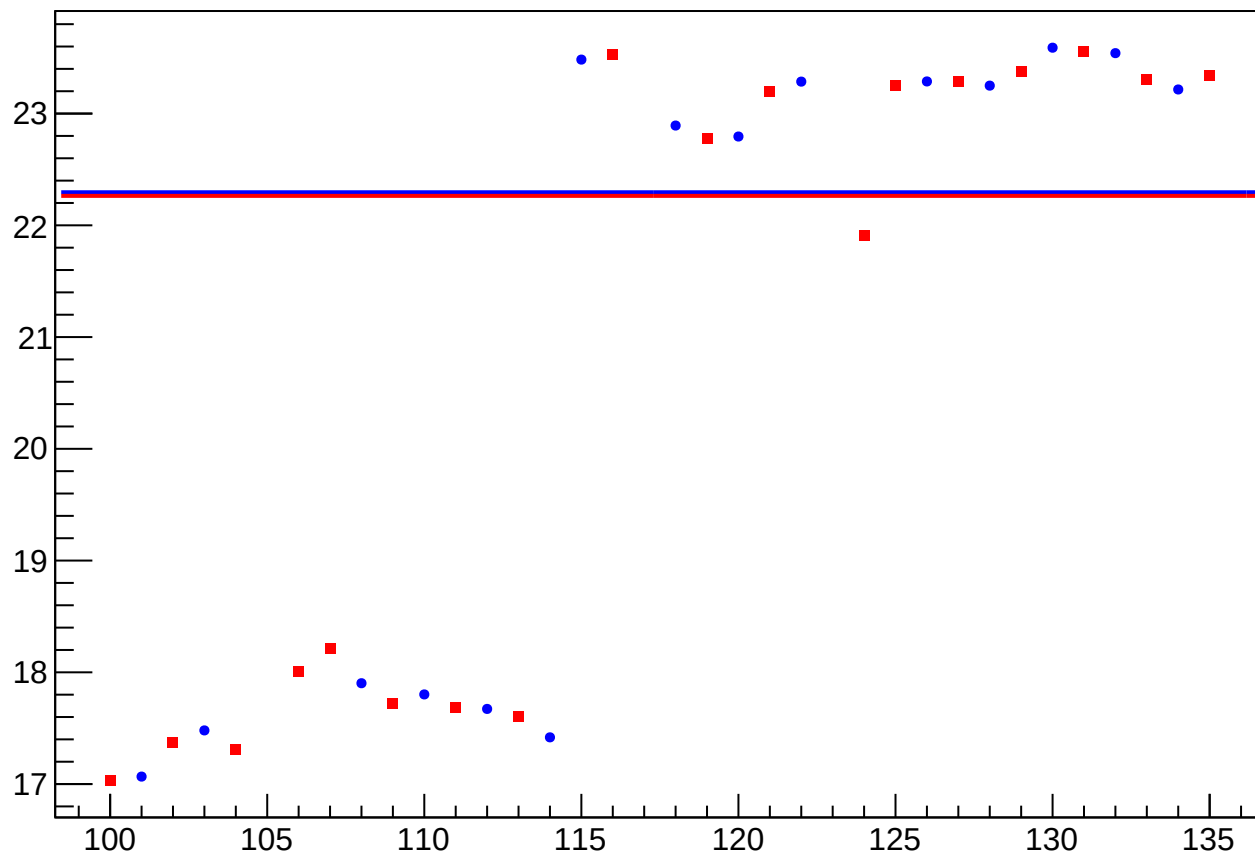
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.000 χ^2 /NDF: 3606210.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam2_mean vs Slug



Right In: 22.296+/-0.000 χ^2/NDF : 1074281335.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.264+/-0.000 χ^2/NDF : 1171046536.2/17

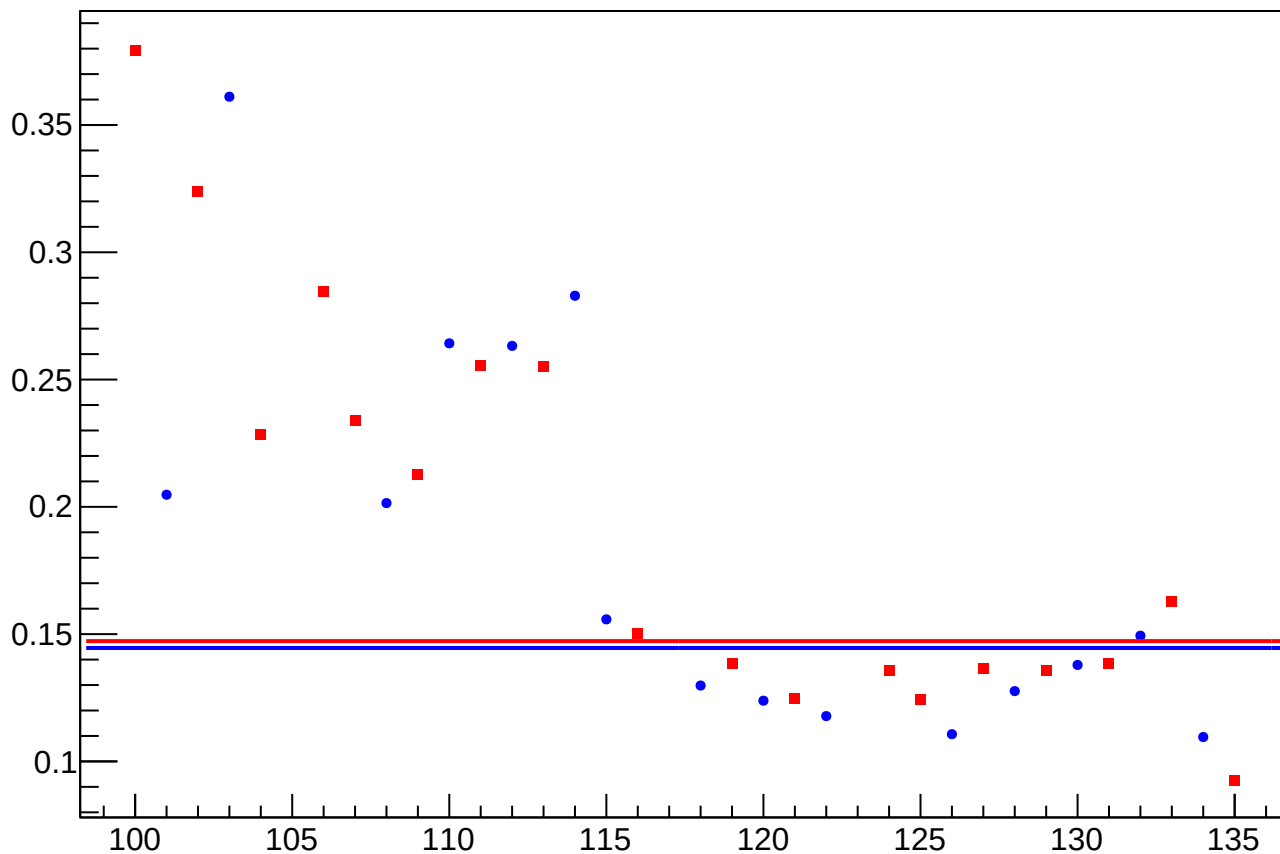
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.279+/-0.000 χ^2/NDF : 2245456688.5/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam2_rms vs Slug



Right In: 0.145+/-0.000 χ^2/NDF : 1157076.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.147+/-0.000 χ^2/NDF : 1460867.3/17

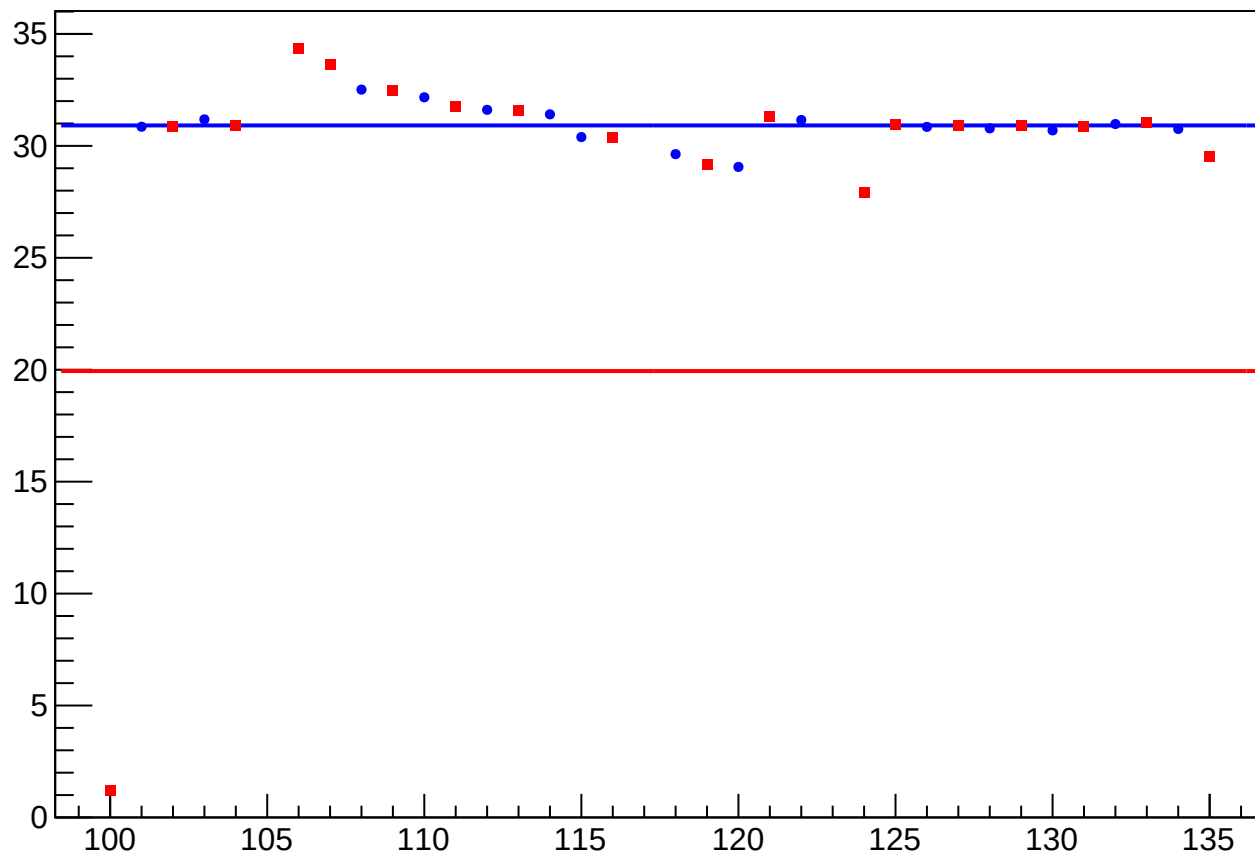
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.146+/-0.000 χ^2/NDF : 2619735.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_mean vs Slug



Right In: 30.913+/-0.000 χ^2/NDF : 354586304.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.941+/-0.000 χ^2/NDF : 218457865855.9/17

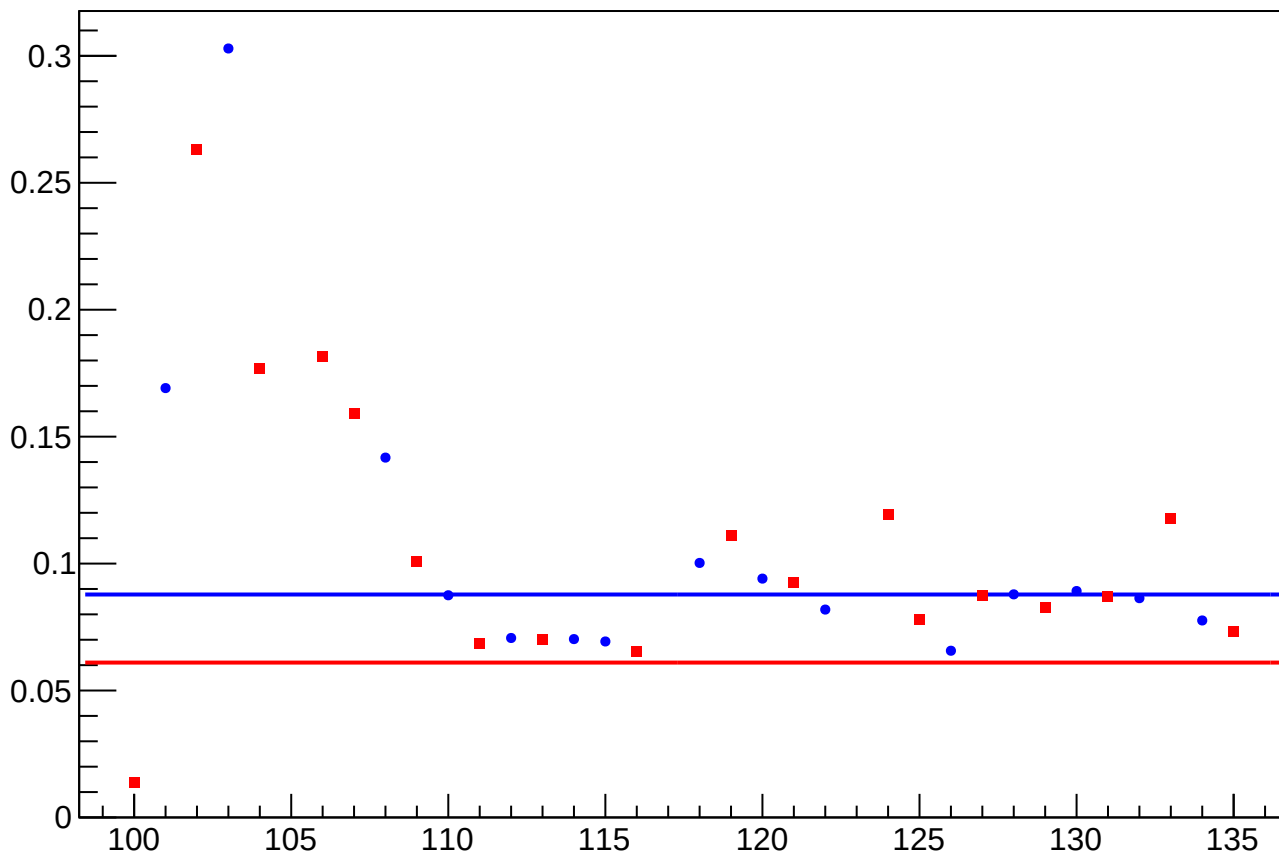
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.936+/-0.000 χ^2/NDF : 265074288075.

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam3_rms vs Slug



Right In: 0.088 $\pm$ 0.000 χ^2 /NDF: 1105020.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.061 $\pm$ 0.000 χ^2 /NDF: 4009693.0/17

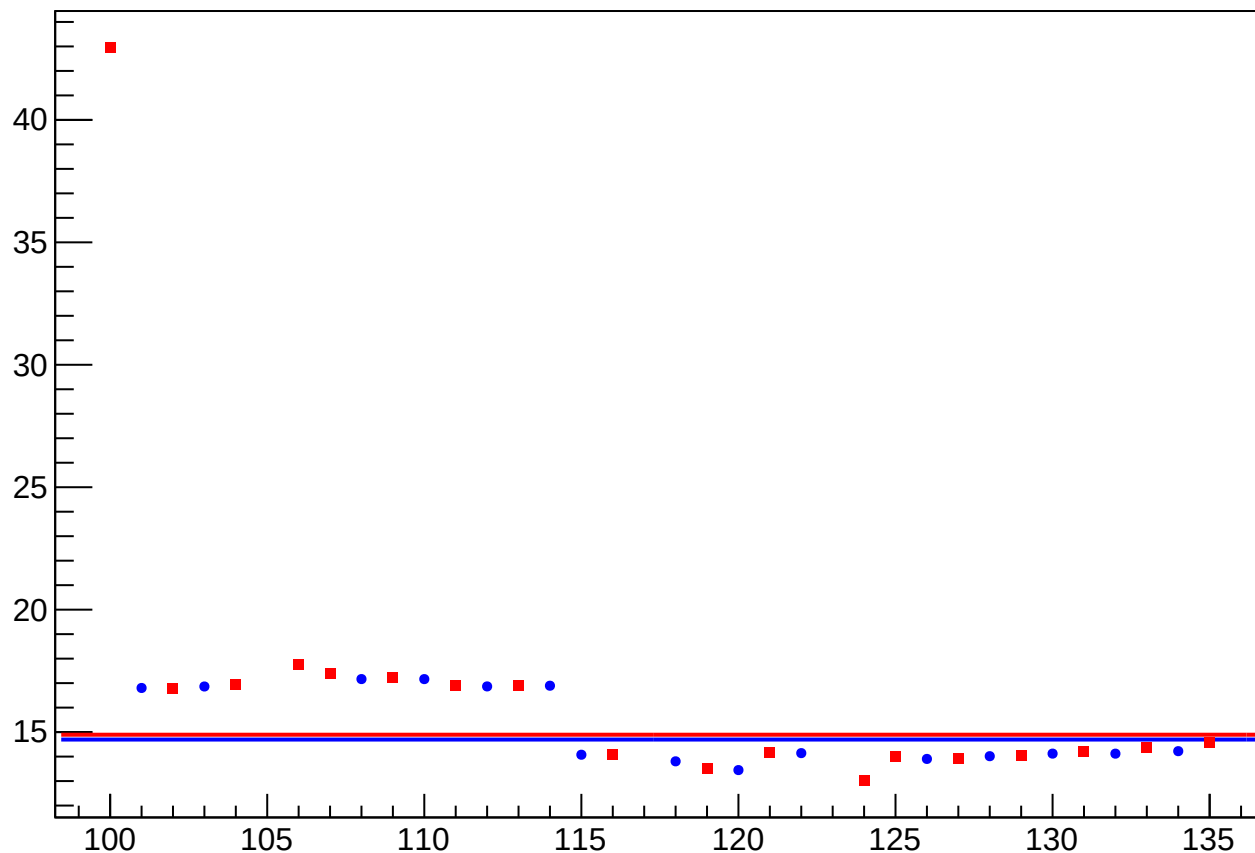
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.071 $\pm$ 0.000 χ^2 /NDF: 5667399.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam4_mean vs Slug



Right In: 14.696+/-0.000 χ^2/NDF : 1186057556.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.893+/-0.000 χ^2/NDF : 1721033065.3/17

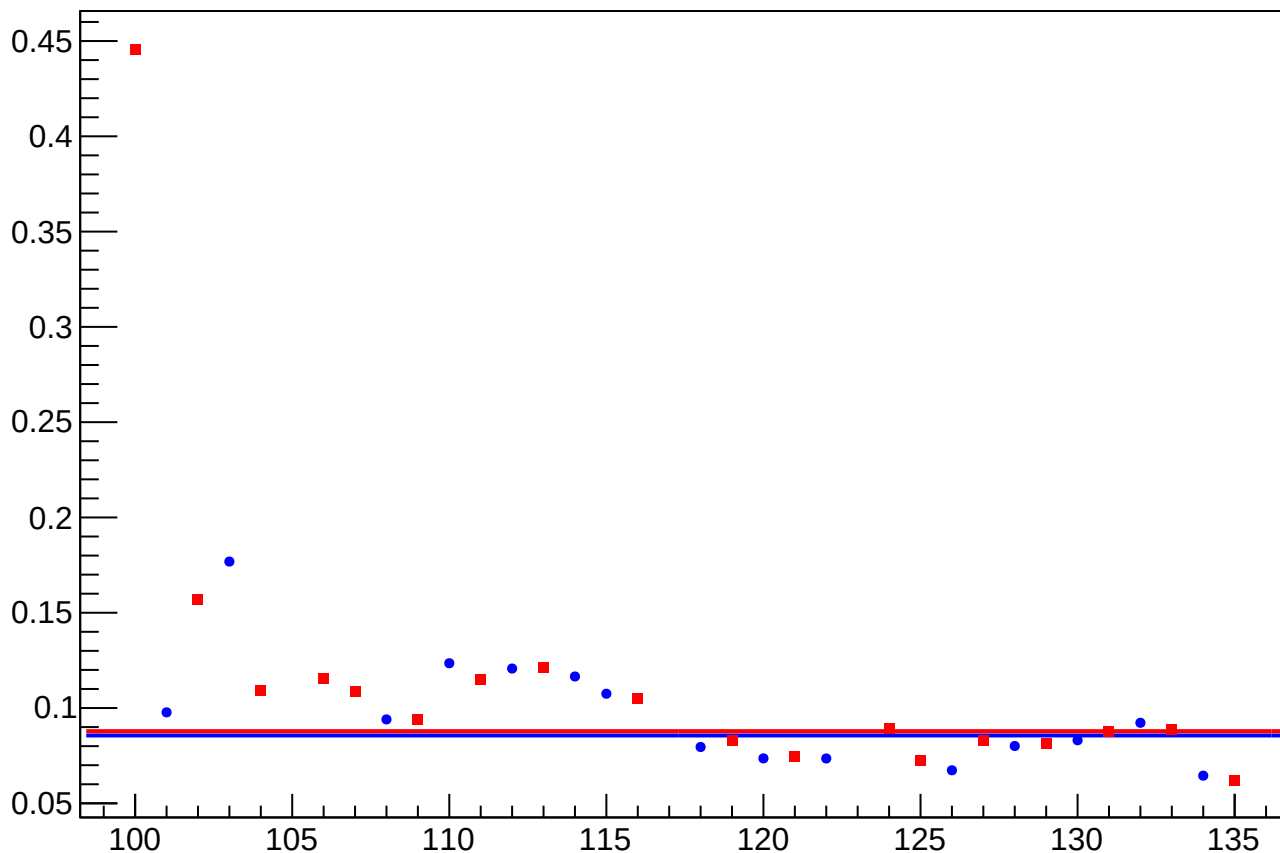
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.798+/-0.000 χ^2/NDF : 2921633017.4/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam4_rms vs Slug



Right In: 0.086 $\pm$ 0.000 χ^2 /NDF: 664952.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.088 $\pm$ 0.000 χ^2 /NDF: 742218.4/17

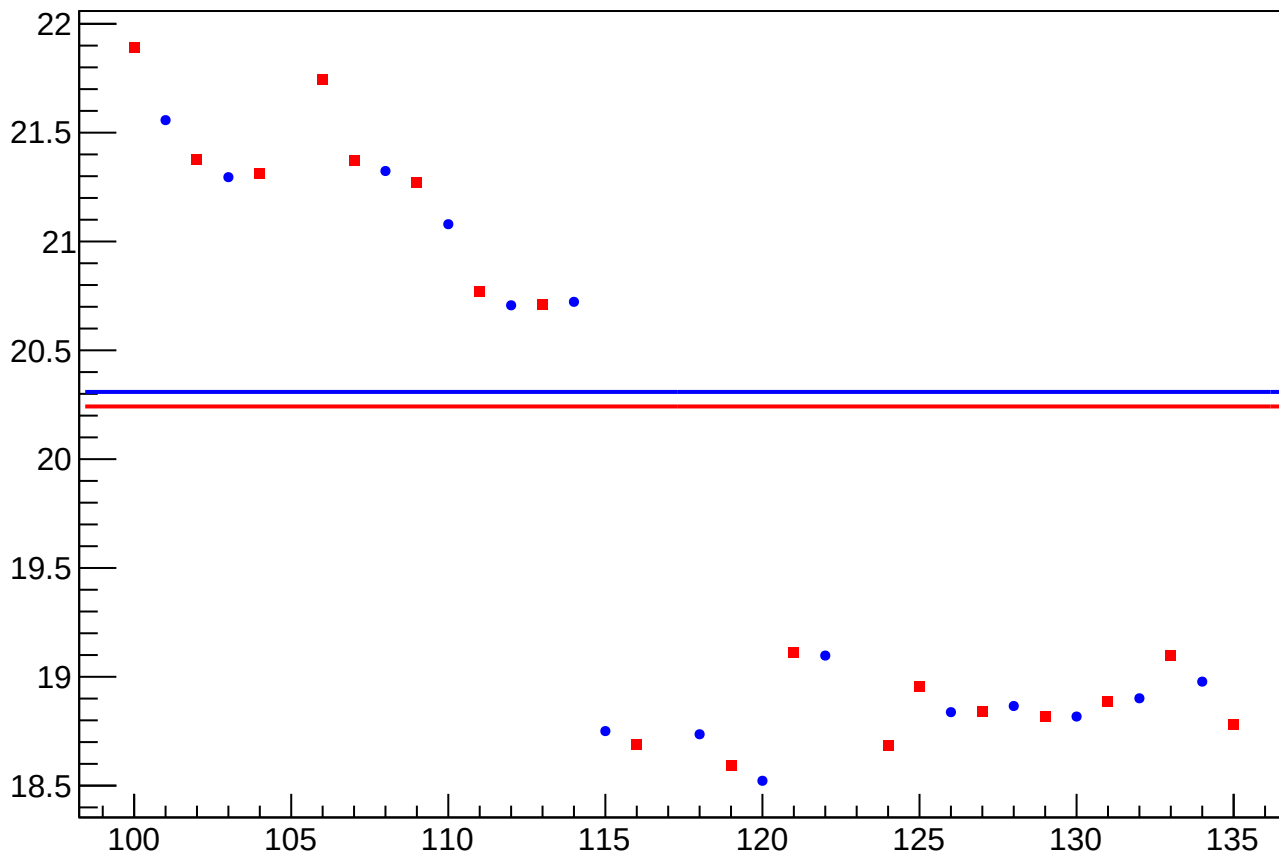
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.087 $\pm$ 0.000 χ^2 /NDF: 1410978.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam5_mean vs Slug



Right In: 20.309+/-0.000 χ^2/NDF : 8277549316.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.242+/-0.000 χ^2/NDF : 9749619882.1/17

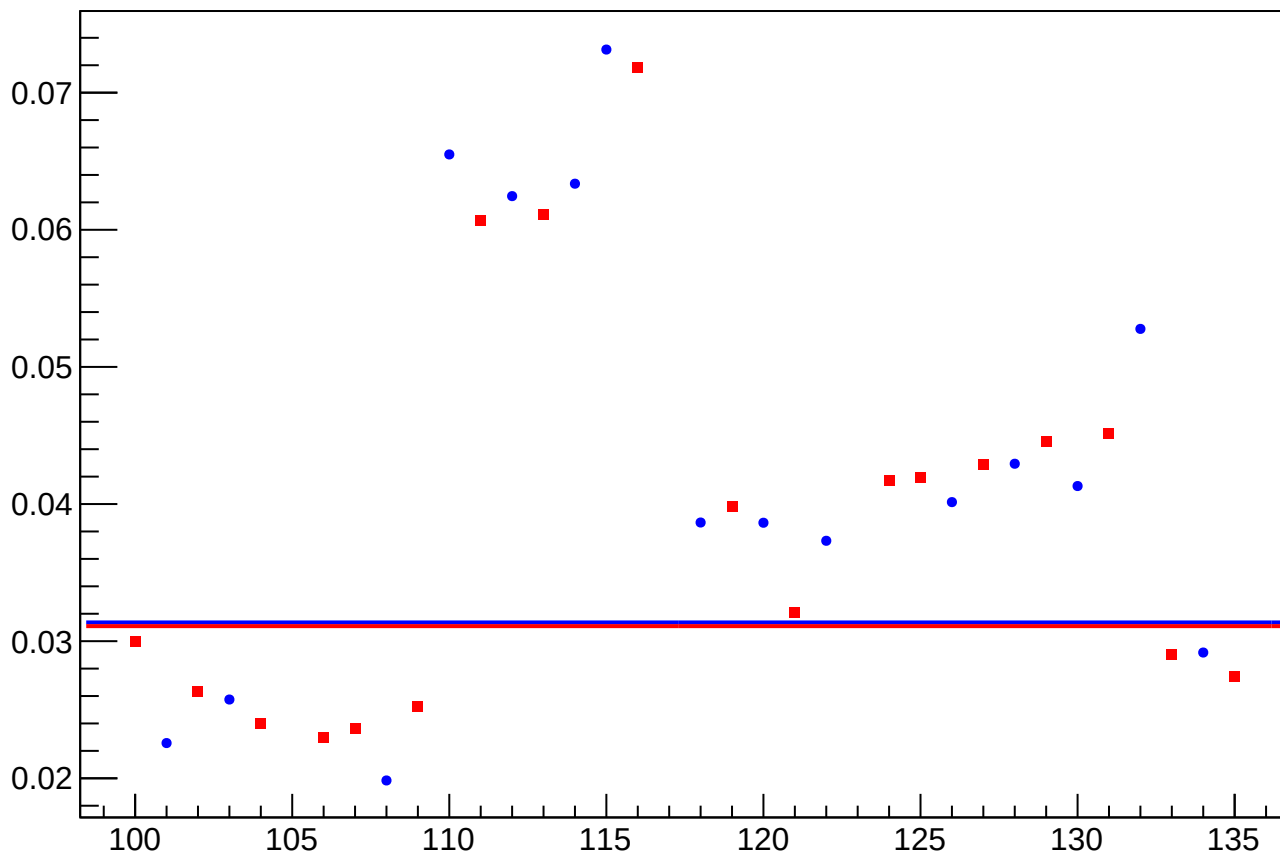
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.273+/-0.000 χ^2/NDF : 18039892880.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam5_rms vs Slug



Right In: 0.031+/-0.000 χ^2/NDF : 1384005.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.000 χ^2/NDF : 1191795.9/17

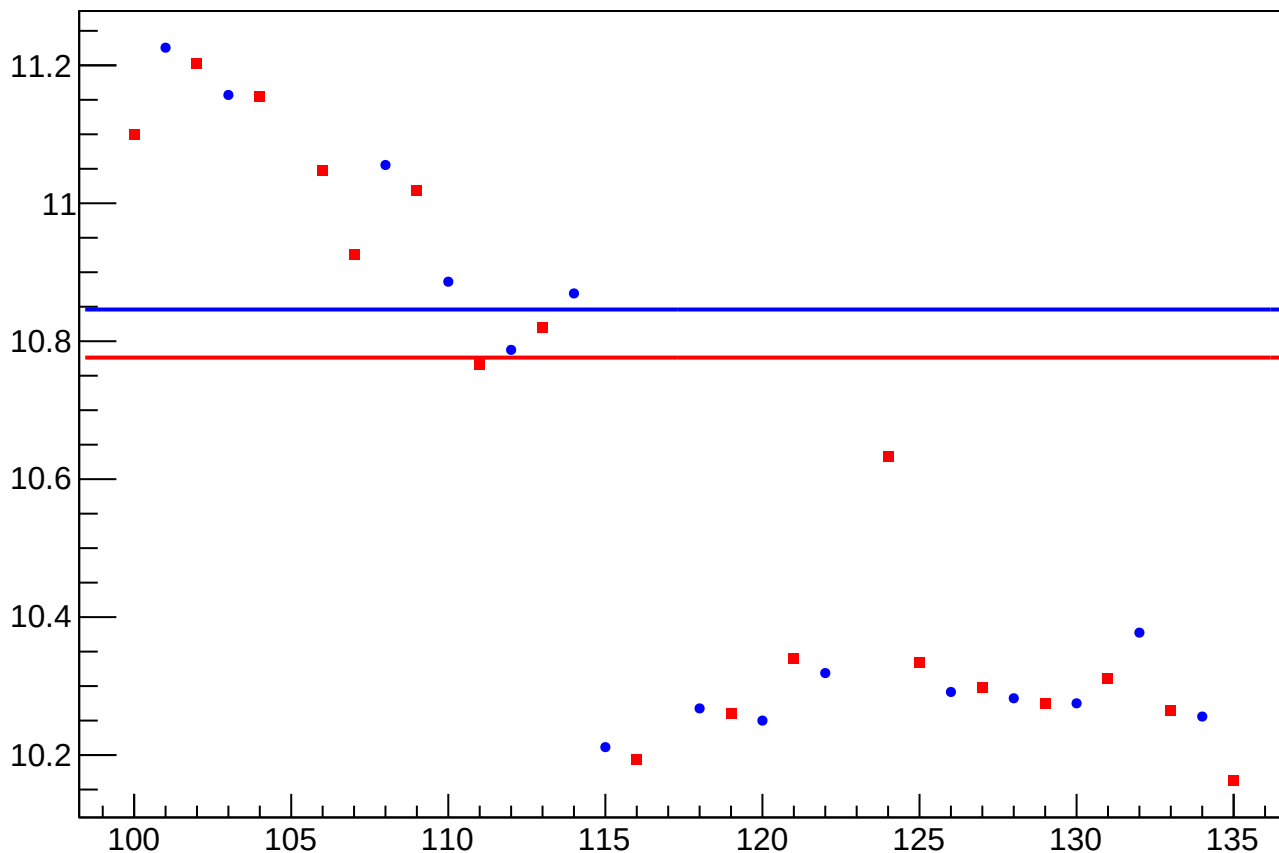
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.031+/-0.000 χ^2/NDF : 2576216.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_mean vs Slug



Right In: 10.846+/-0.000 χ^2/NDF : 3965925269.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.776+/-0.000 χ^2/NDF : 3947153256.3/17

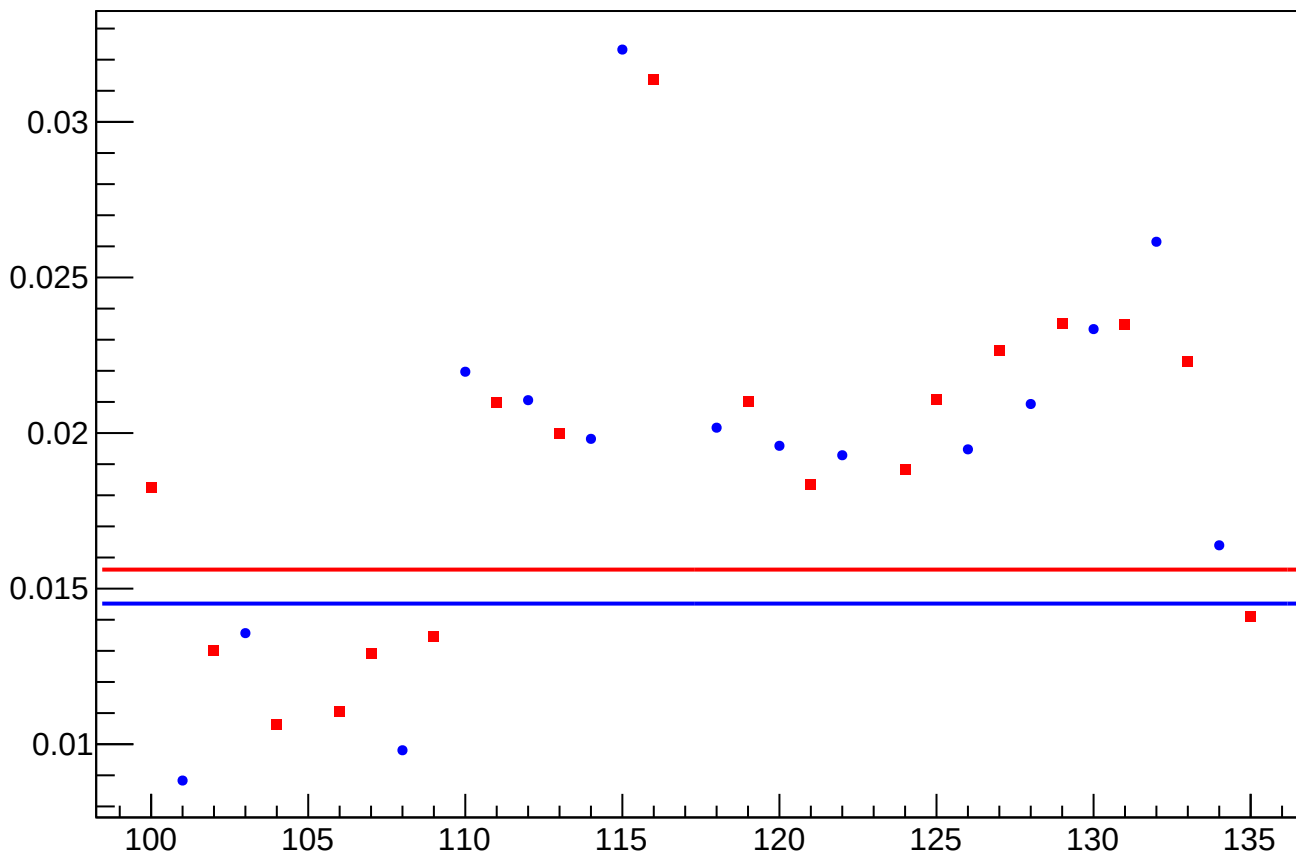
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.810+/-0.000 χ^2/NDF : 7971401706.8/3

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam6_rms vs Slug



Right In: 0.015+/-0.000 χ^2/NDF : 1472959.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.016+/-0.000 χ^2/NDF : 1070209.6/17

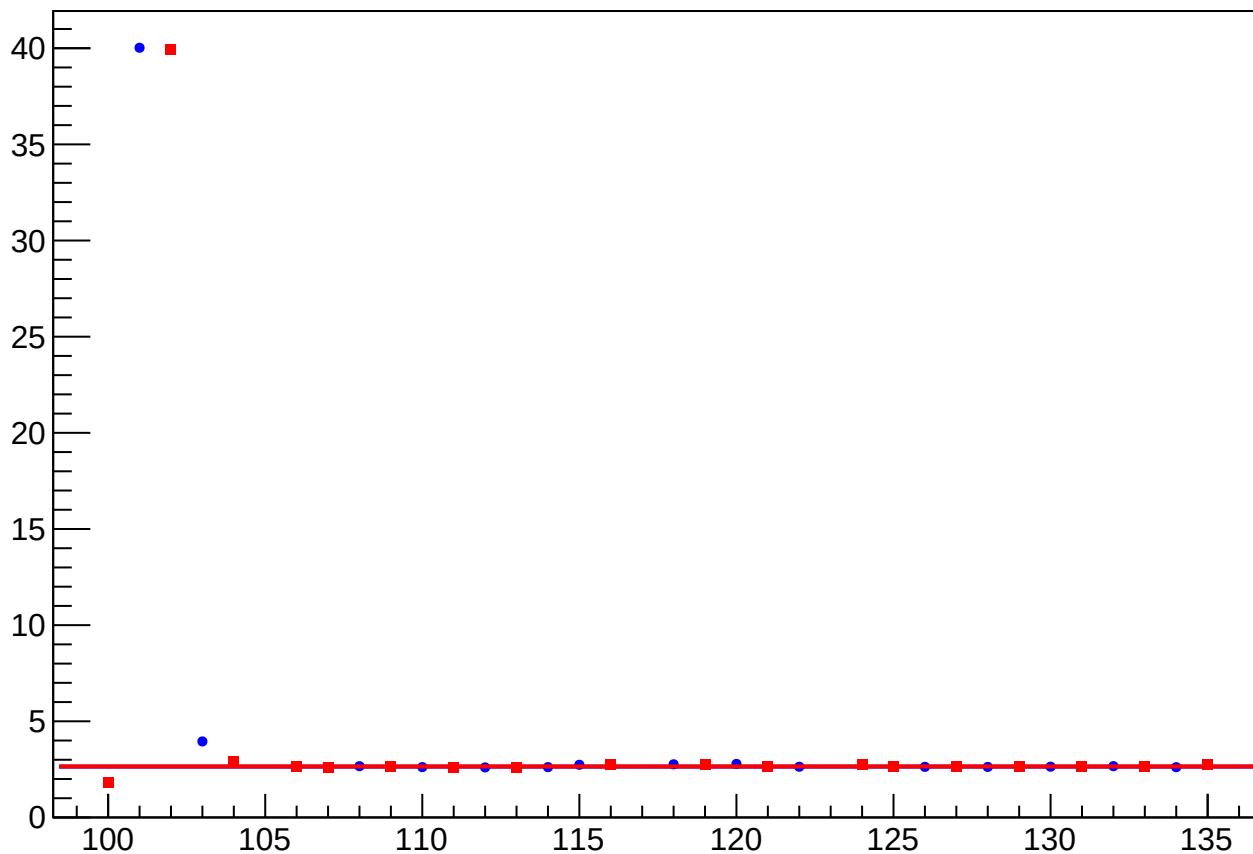
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.000 χ^2/NDF : 2571835.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_mean vs Slug



Right In: 2.644+/-0.000 χ^2/NDF : 64722304487.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.653+/-0.000 χ^2/NDF : 64442637537.6/17

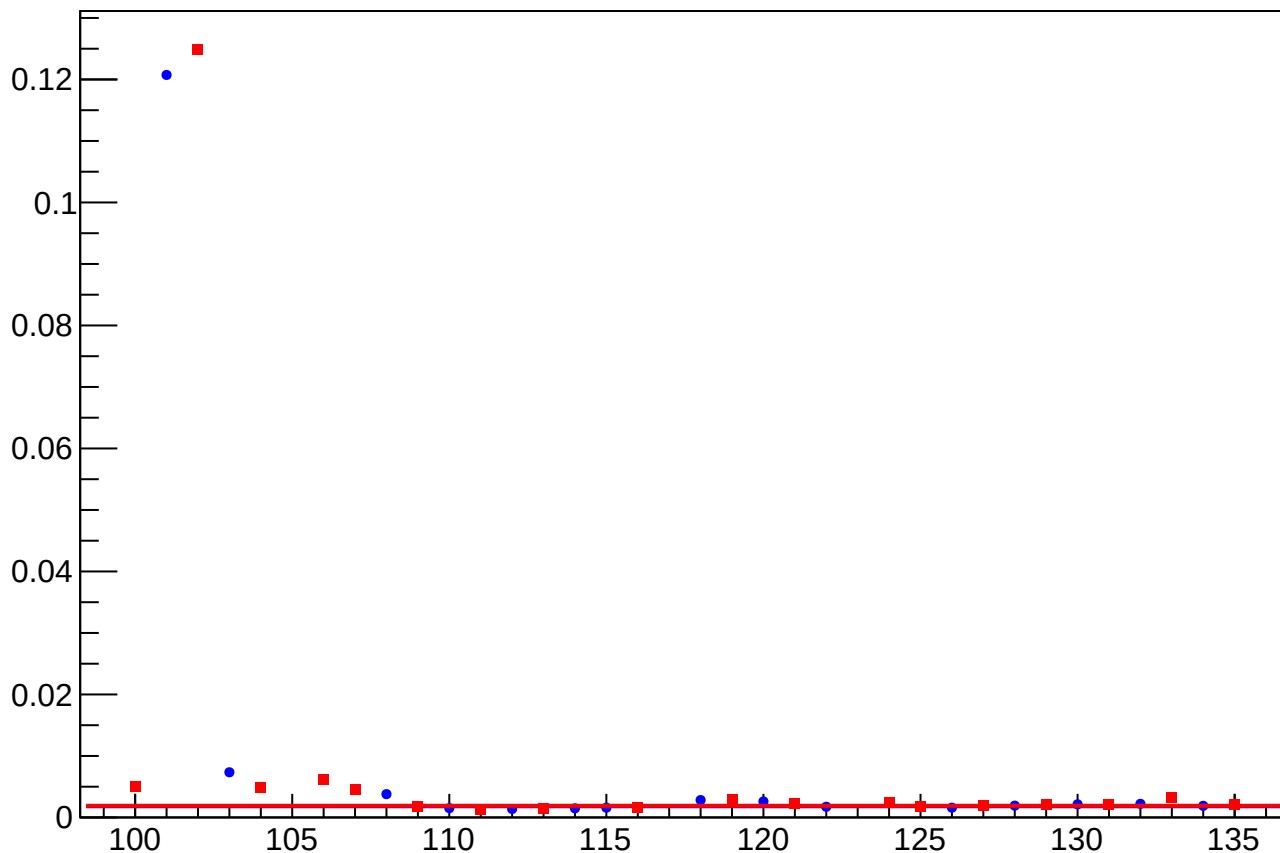
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.649+/-0.000 χ^2/NDF : 129215309932.1

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam7_rms vs Slug



Right In: 0.002 $\pm$ 0.000 χ^2 /NDF: 1821725.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.002 $\pm$ 0.000 χ^2 /NDF: 2524804.2/17

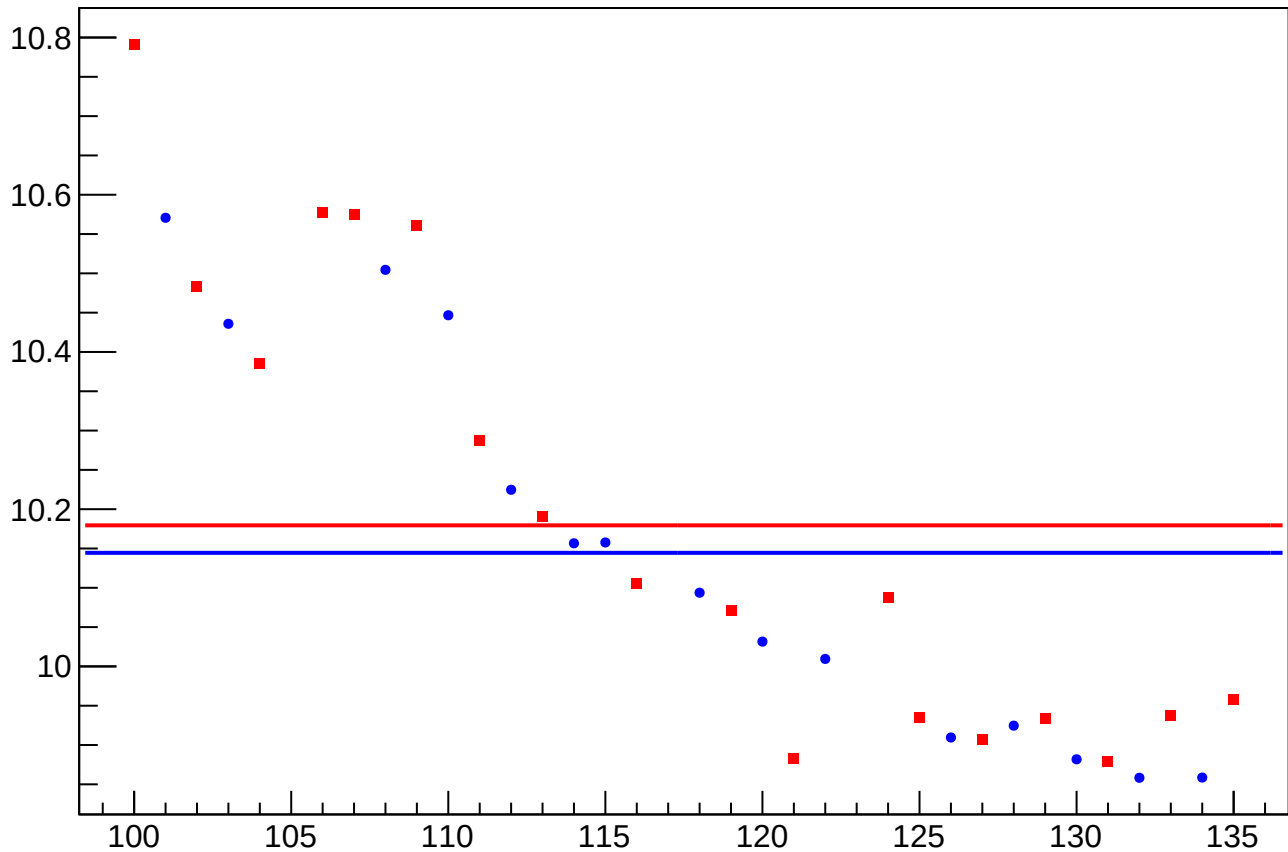
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.002 $\pm$ 0.000 χ^2 /NDF: 4353630.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

yield_sam8_mean vs Slug



Right In: 10.144+/-0.000 χ^2/NDF : 7546756973.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

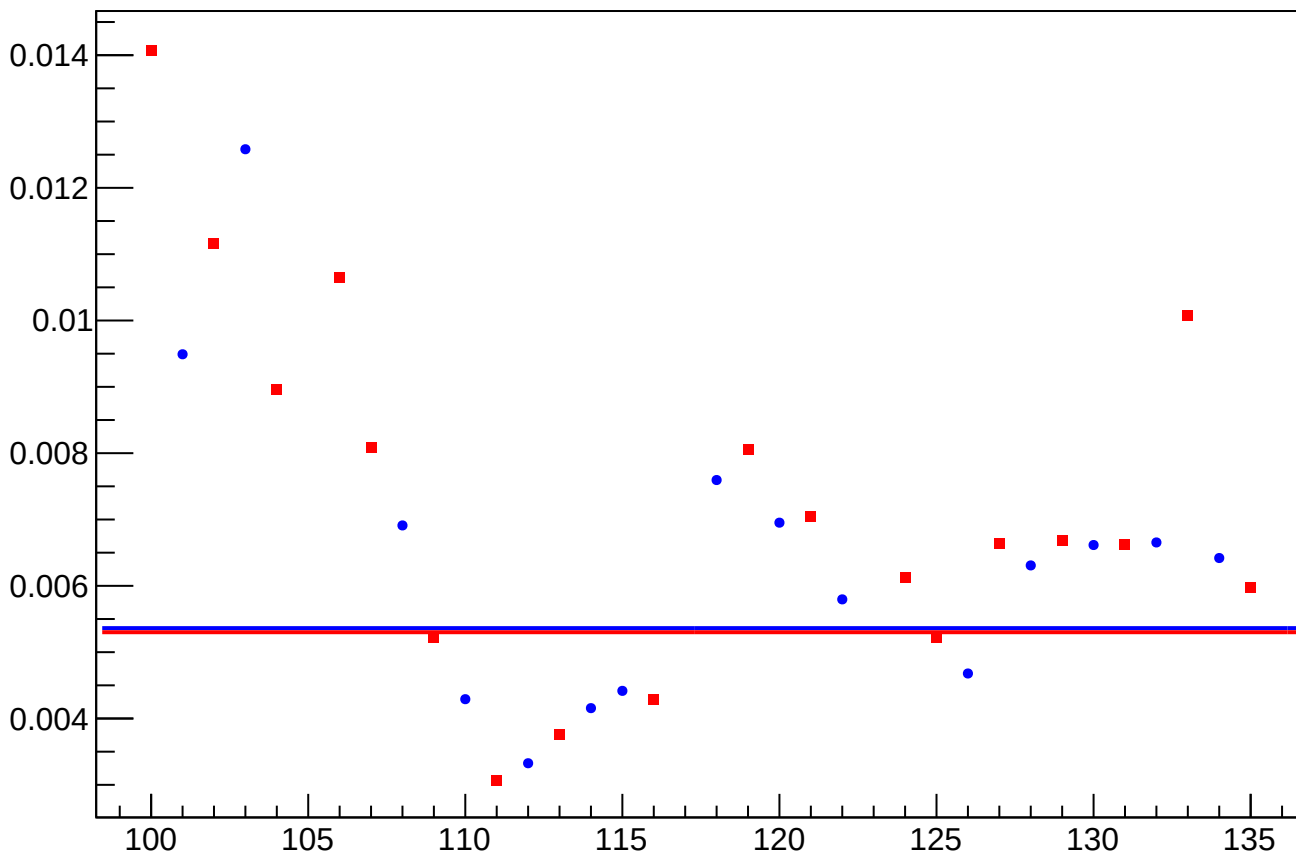
Right Out: 10.179+/-0.000 χ^2/NDF : 8575821089.2/17

All: 10.163+/-0.000 χ^2/NDF : 16230167540.6

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

yield_sam8_rms vs Slug



Right In: 0.005+/-0.000 χ^2/NDF : 1261330.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 1791680.3/17

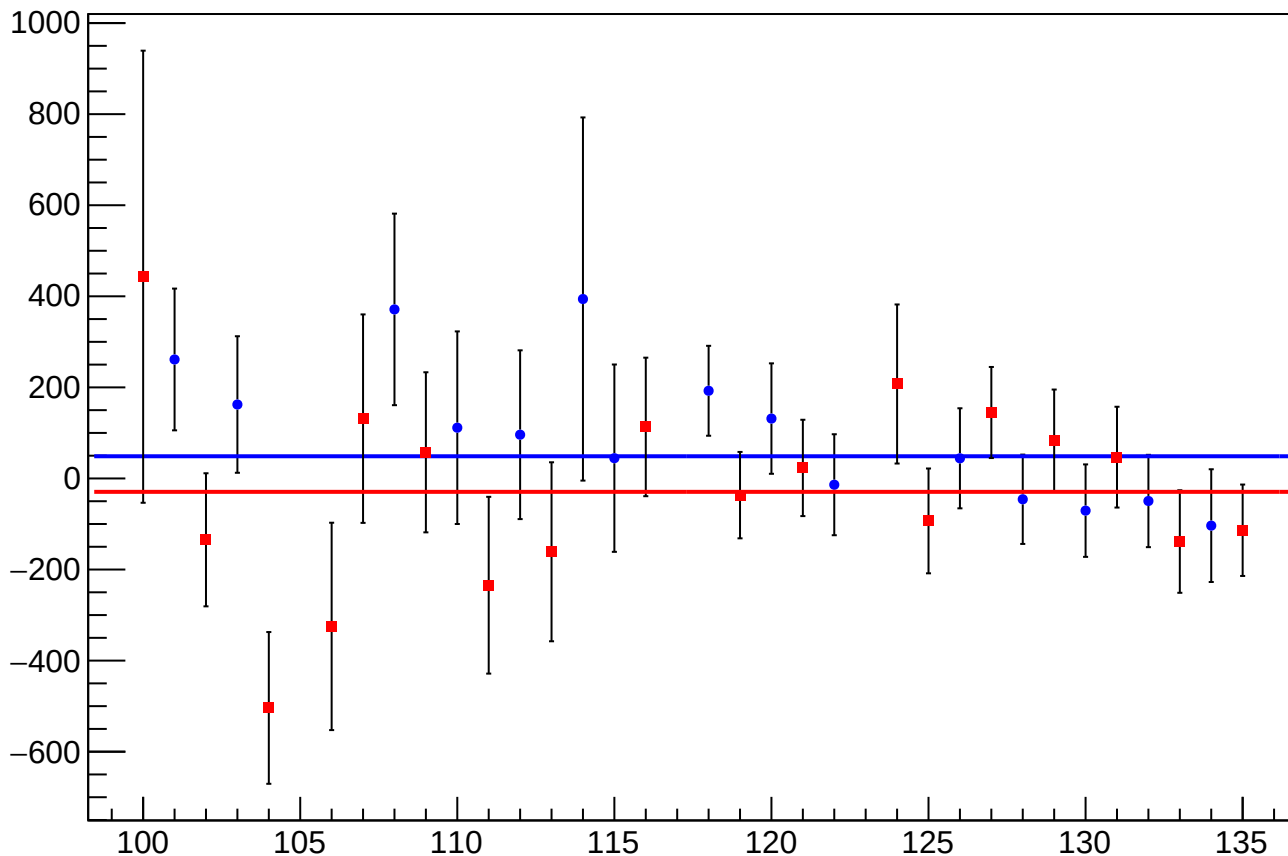
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.005+/-0.000 χ^2/NDF : 3053678.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_mean vs Slug



Right In: 48.742 $\pm$ 33.557 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.396 $\pm$ 31.586 χ^2 /NDF: 23.0/17

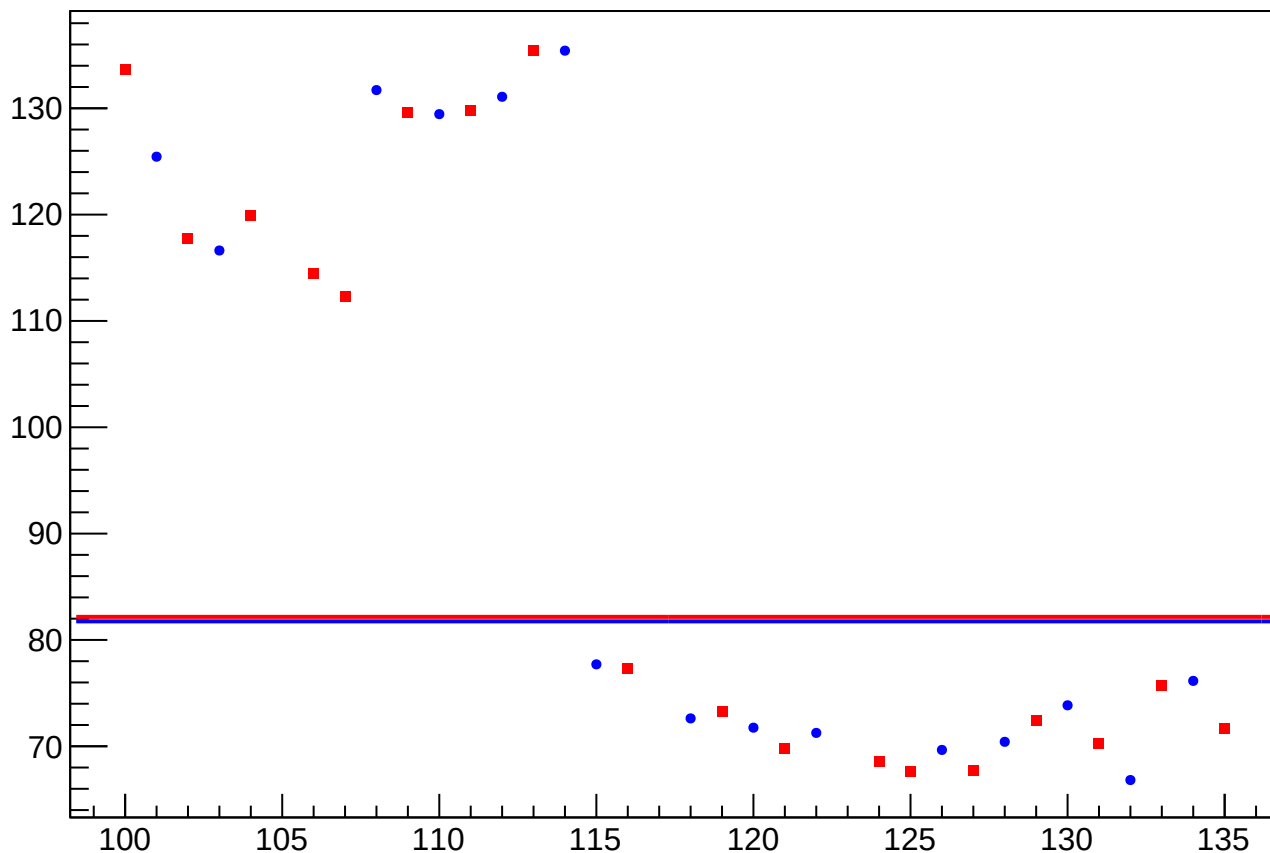
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.311 $\pm$ 23.000 χ^2 /NDF: 39.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam1_rms vs Slug



Right In: 81.746 $\pm$ 0.024 χ^2 /NDF: 818296.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.171 $\pm$ 0.022 χ^2 /NDF: 930413.4/17

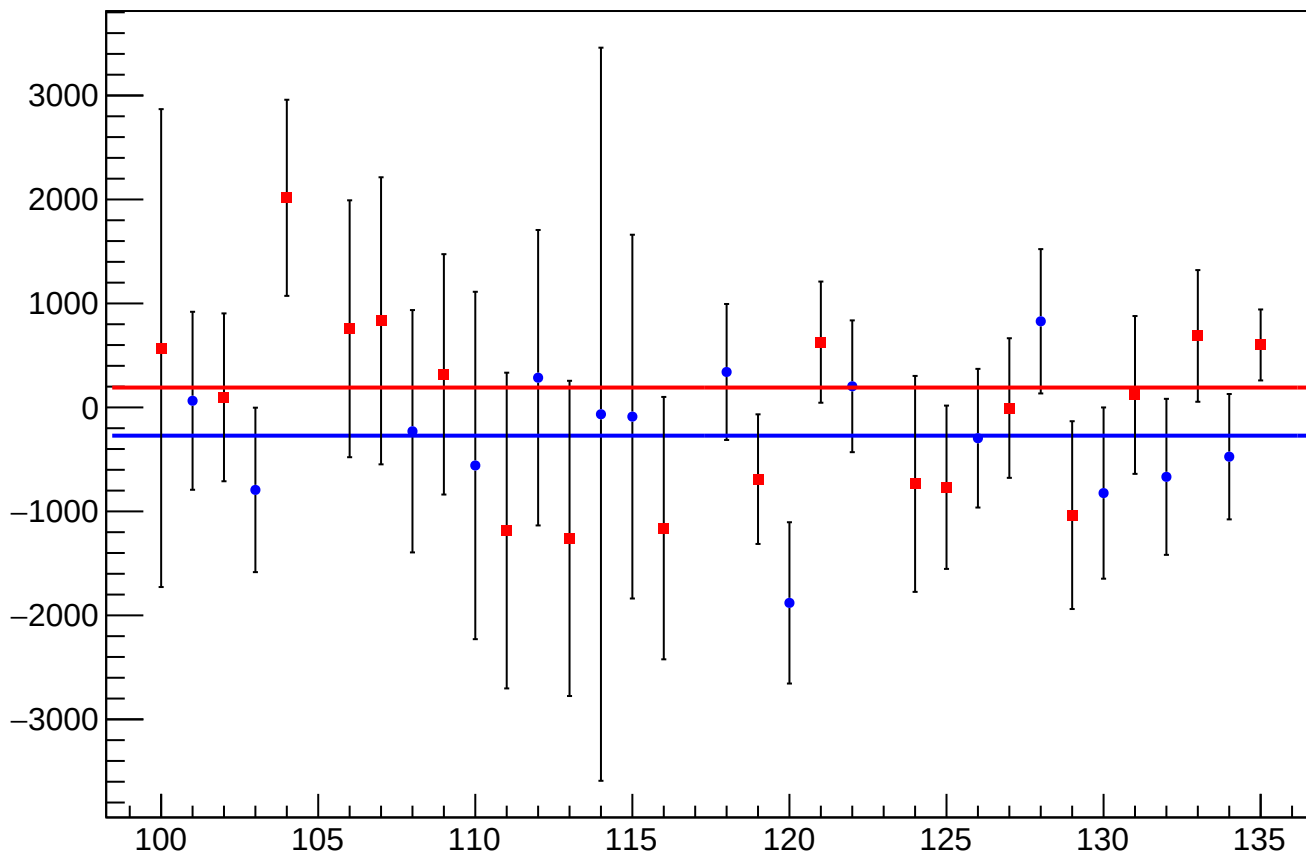
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.972 $\pm$ 0.016 χ^2 /NDF: 1748880.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_correction_mean vs Slug



Right In: -271.582 ± 214.280 χ^2/NDF : 9.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 191.155 ± 180.769 χ^2/NDF : 16.0/17

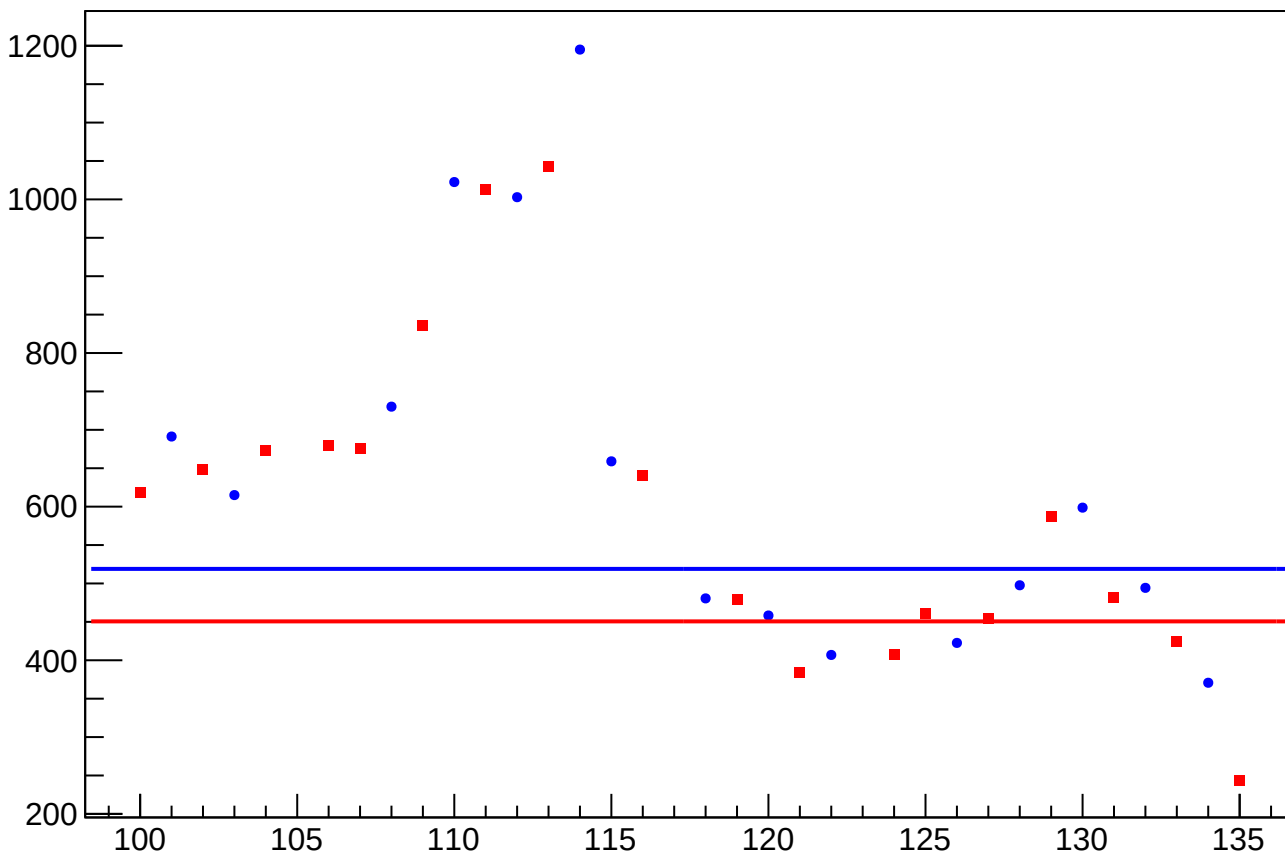
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.241 ± 138.170 χ^2/NDF : 28.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_correction_rms vs Slug



Right In: 518.960 $\pm$ 0.152 χ^2 /NDF: 943508.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 450.621 $\pm$ 0.128 χ^2 /NDF: 2035453.5/17

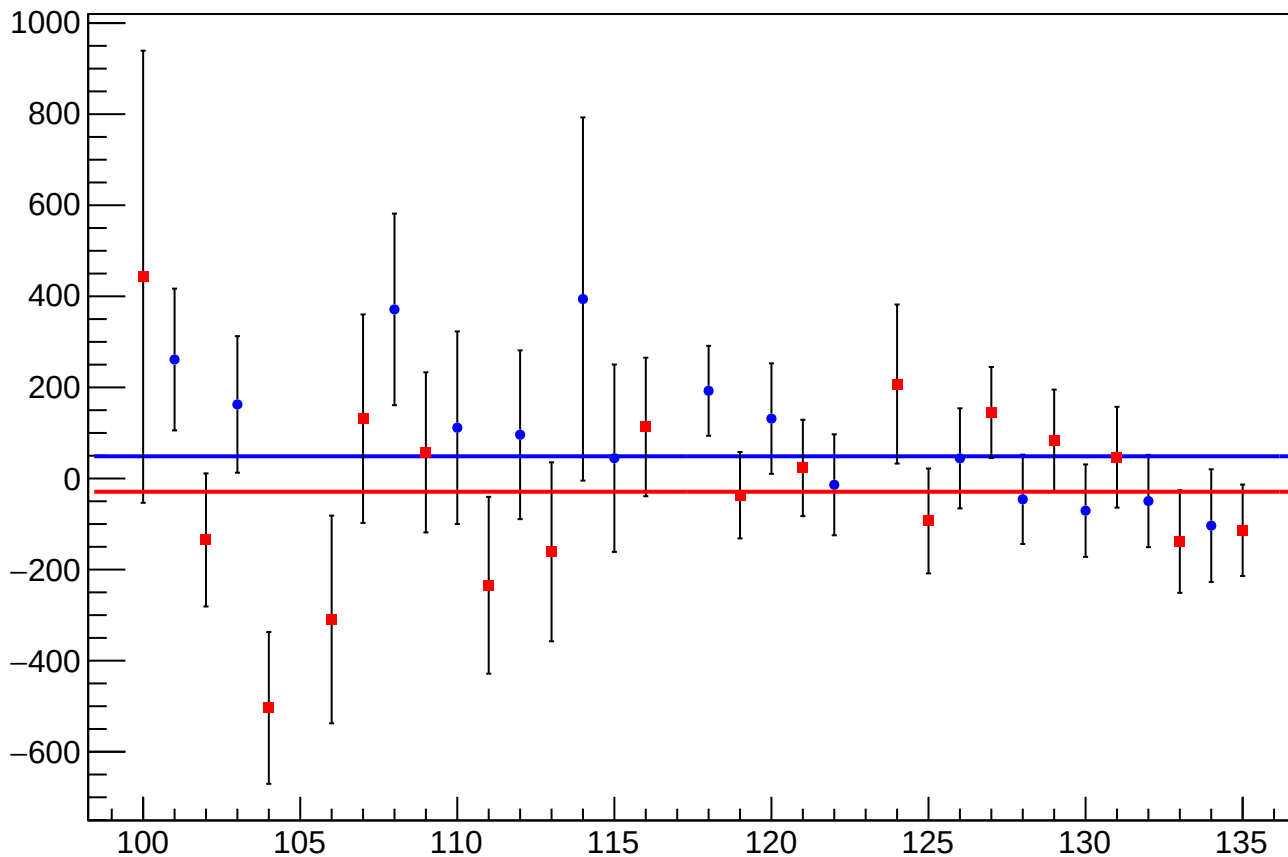
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 479.035 $\pm$ 0.098 χ^2 /NDF: 3097806.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_mean vs Slug



Right In: 48.757 $\pm$ 33.557 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.095 $\pm$ 31.587 χ^2 /NDF: 22.8/17

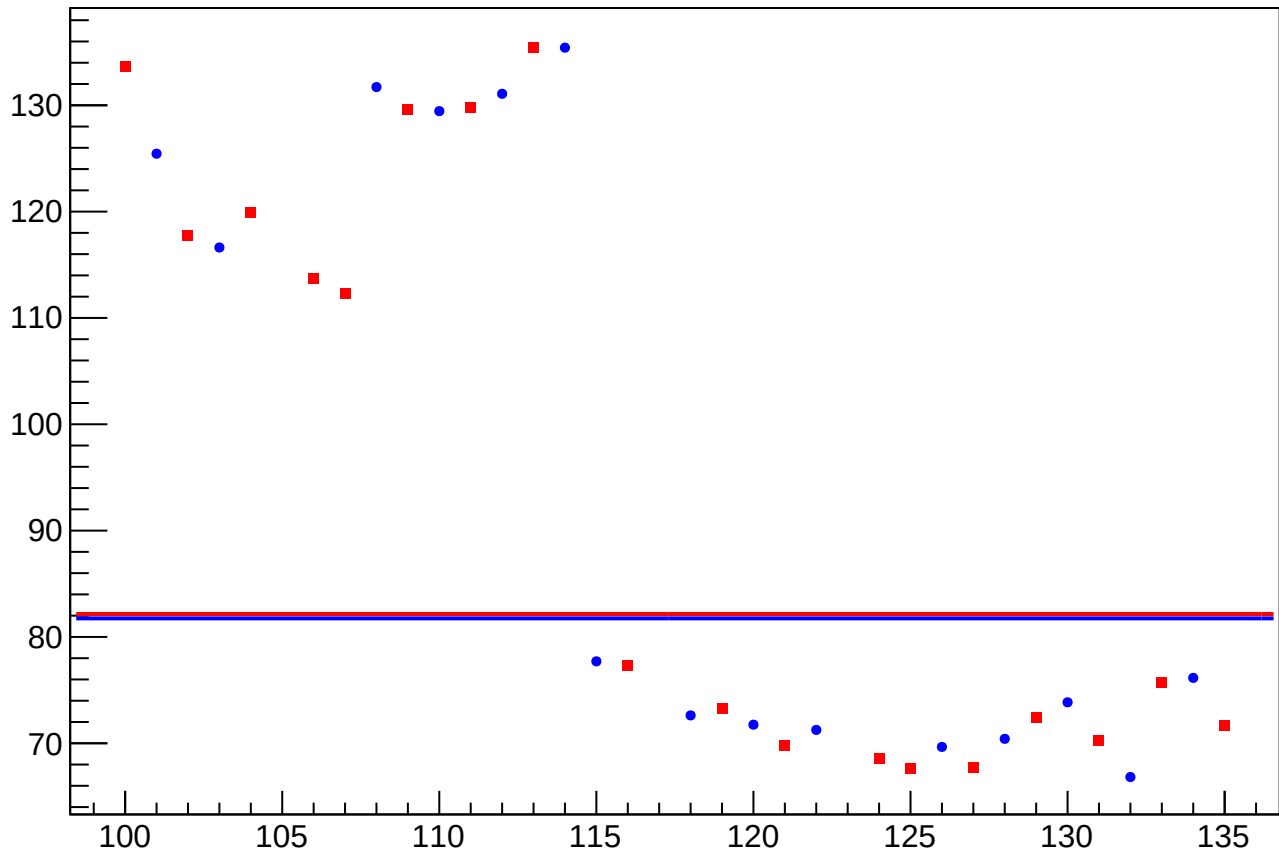
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.479 $\pm$ 23.000 χ^2 /NDF: 39.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam1_rms vs Slug



Right In: 81.746 $\pm$ 0.024 χ^2 /NDF: 818296.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.156 $\pm$ 0.022 χ^2 /NDF: 928553.3/17

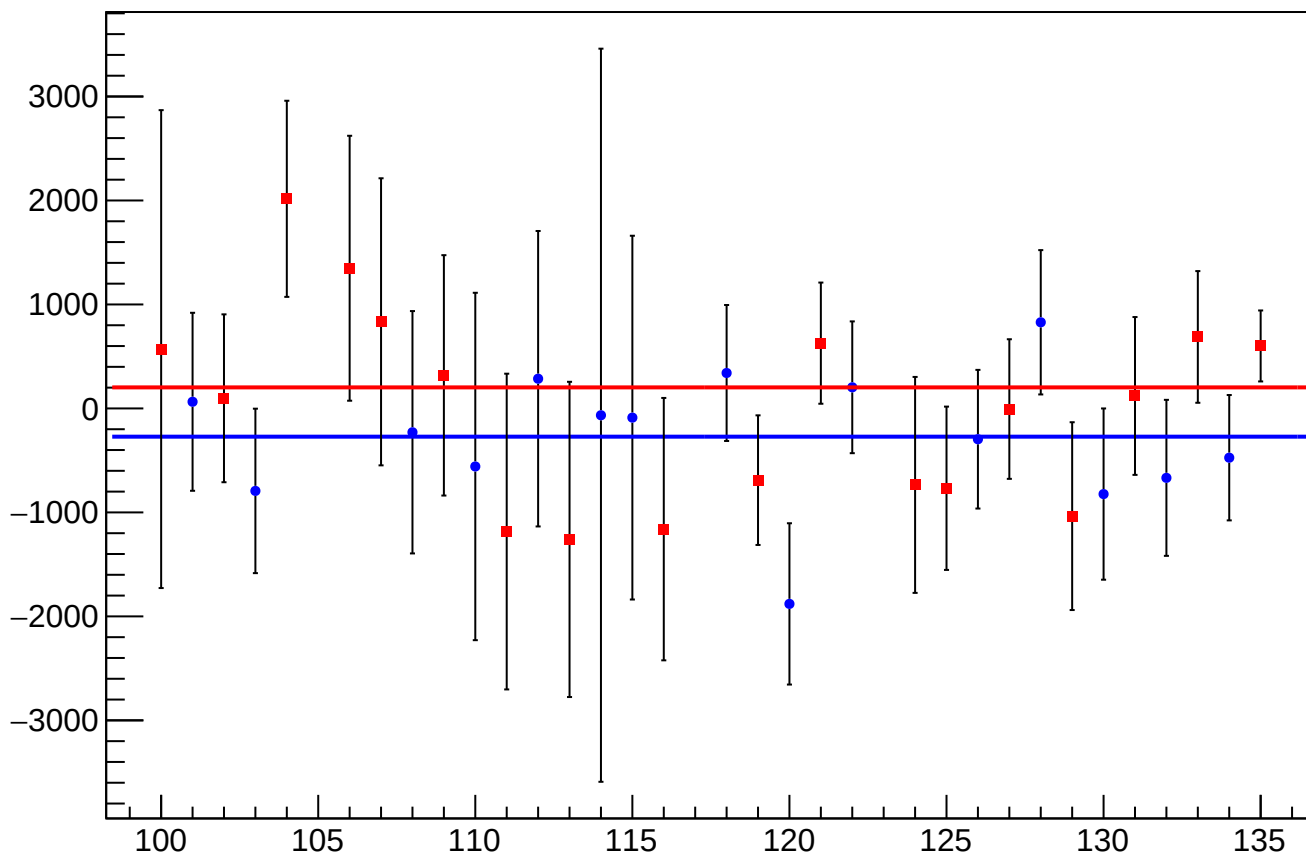
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.963 $\pm$ 0.016 χ^2 /NDF: 1747008.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_cor_correction_mean vs Slug



Right In: -271.578+/-214.280 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.373+/-180.886 χ^2/NDF : 16.6/17

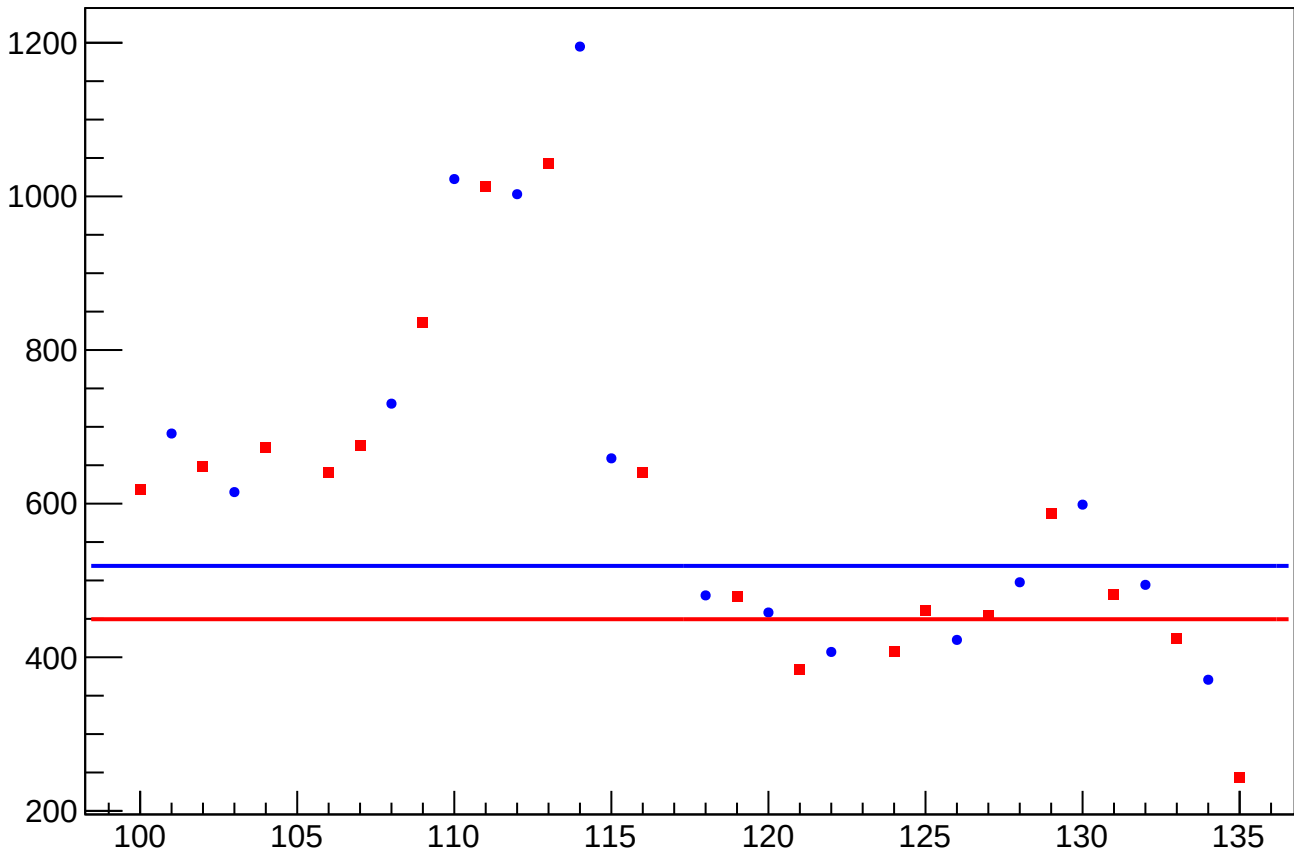
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.166+/-138.222 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_cor_correction_rms vs Slug



Right In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

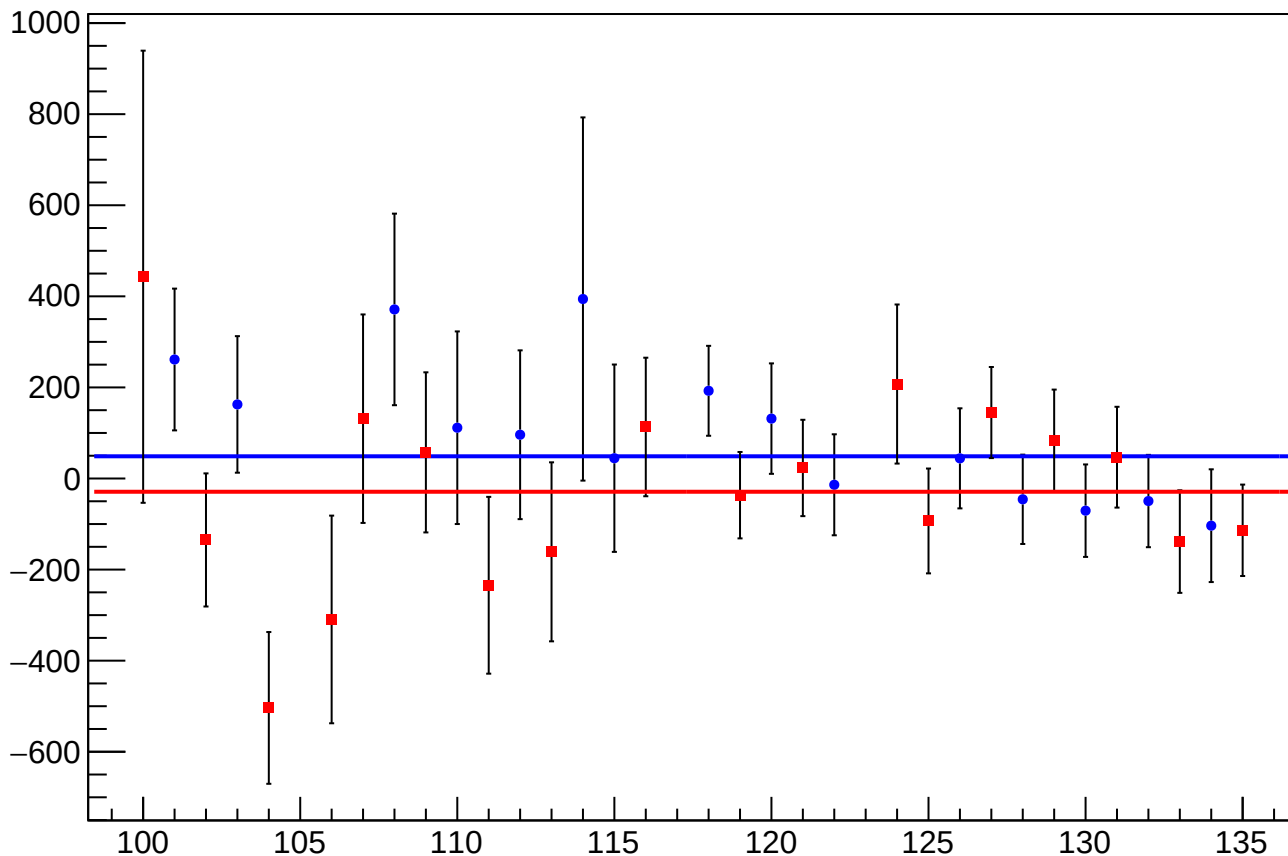
Right Out: 449.536+/-0.128 χ^2/NDF : 2011000.5/17

All: 478.423+/-0.098 χ^2/NDF : 3077085.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam1_mean vs Slug



Right In: 48.757 $\pm$ 33.557 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.095 $\pm$ 31.587 χ^2 /NDF: 22.8/17

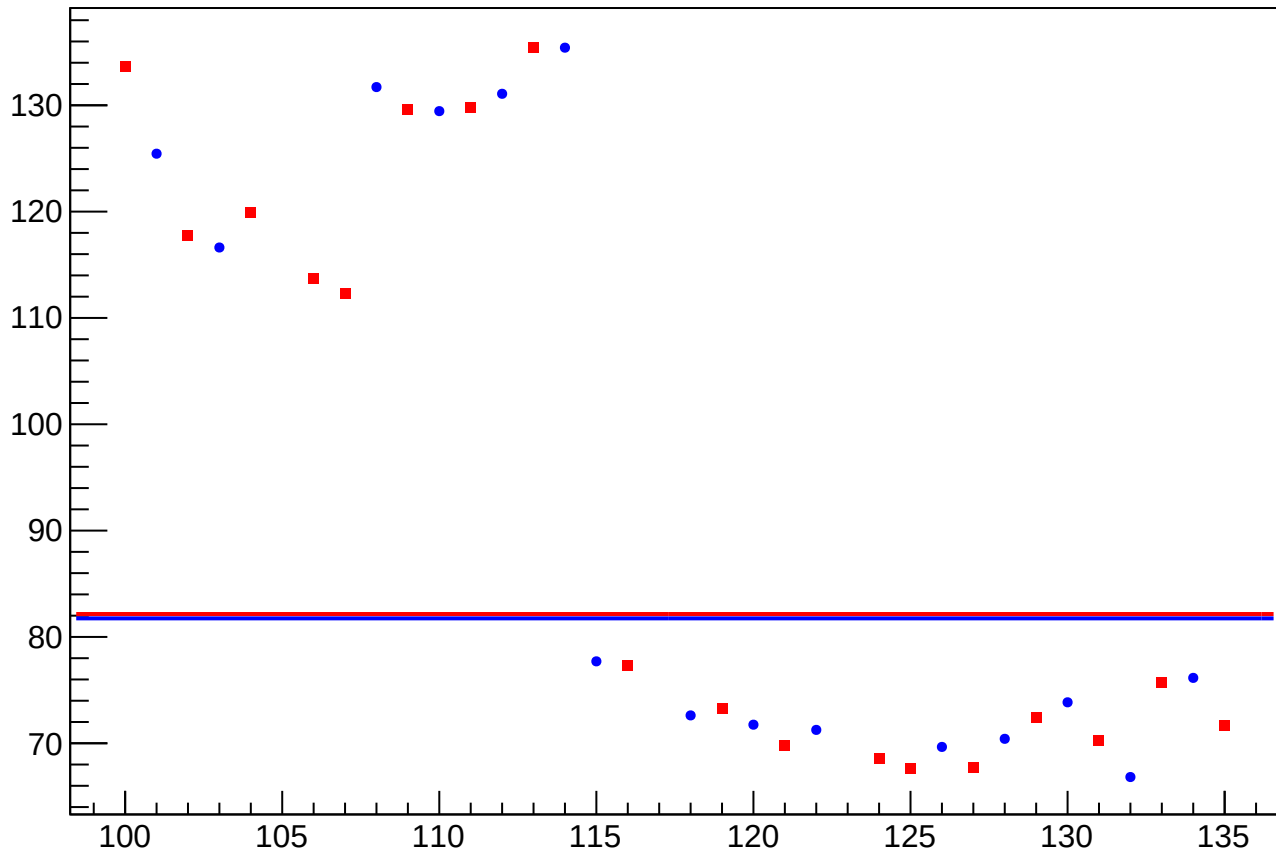
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.479 $\pm$ 23.000 χ^2 /NDF: 39.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam1_rms vs Slug



Right In: 81.746 $\pm$ 0.024 χ^2 /NDF: 818296.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 82.156 $\pm$ 0.022 χ^2 /NDF: 928553.3/17

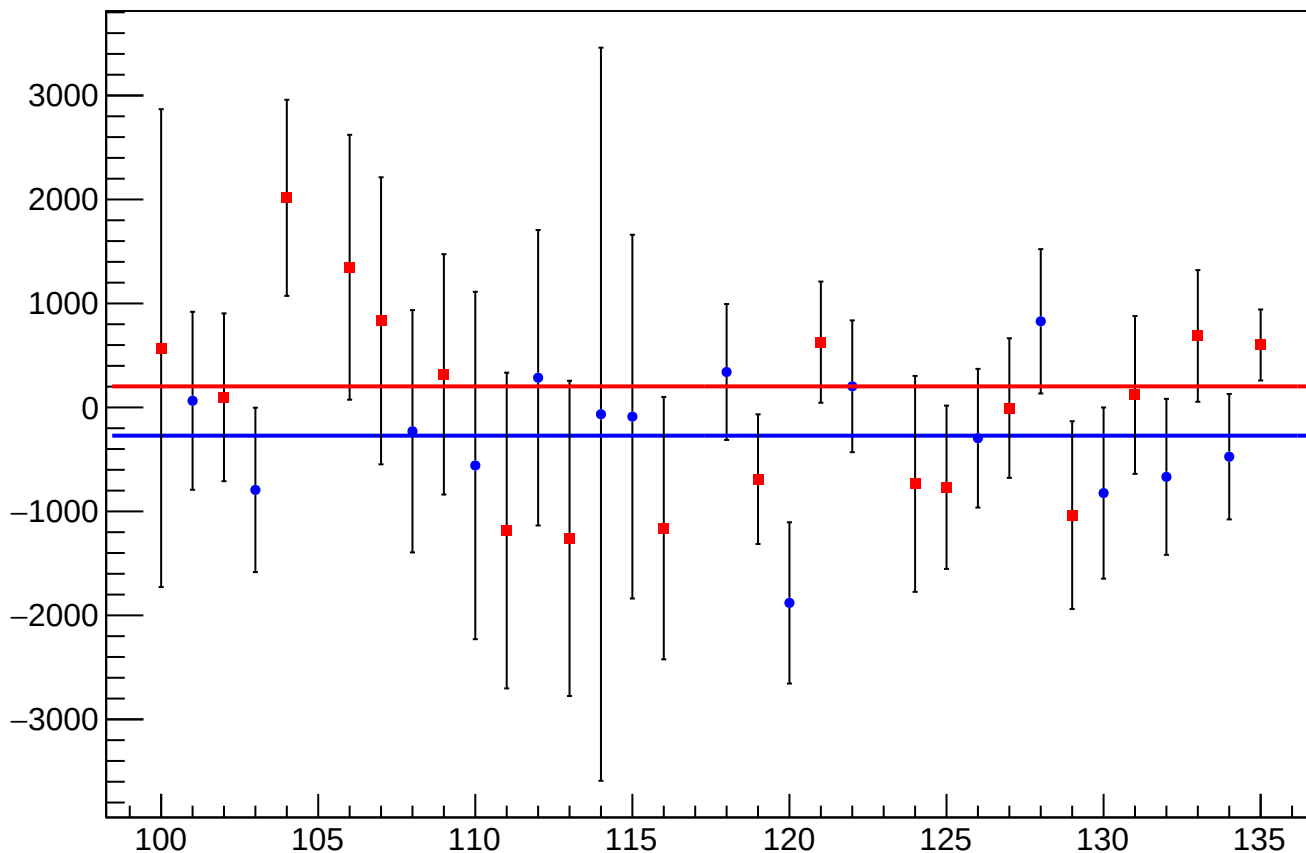
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 81.963 $\pm$ 0.016 χ^2 /NDF: 1747008.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_correction_mean vs Slug



Right In: -271.578+/-214.280 χ^2/NDF : 9.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 202.373+/-180.886 χ^2/NDF : 16.6/17

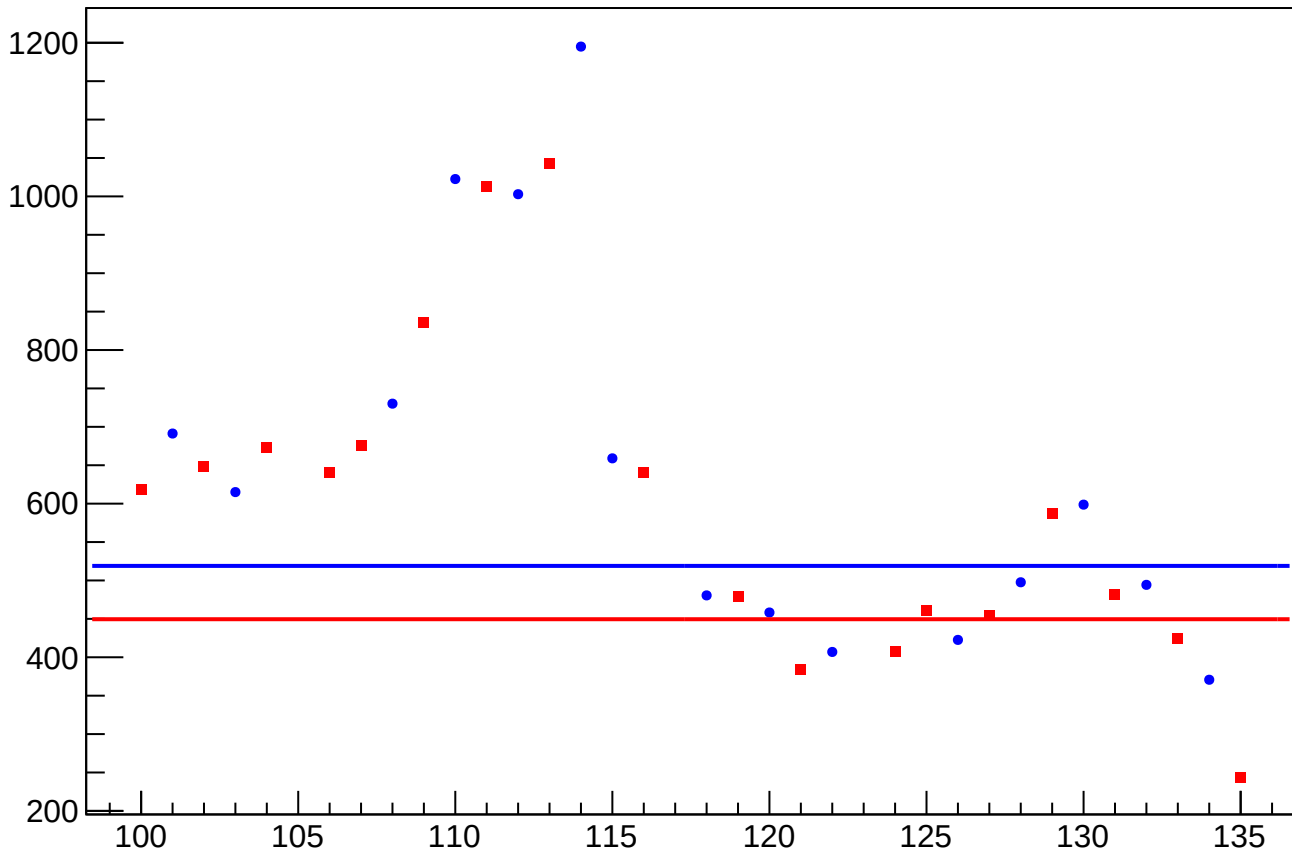
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.166+/-138.222 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_cor_correction_rms vs Slug



Right In: 518.961+/-0.152 χ^2/NDF : 943502.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 449.536+/-0.128 χ^2/NDF : 2011000.5/17

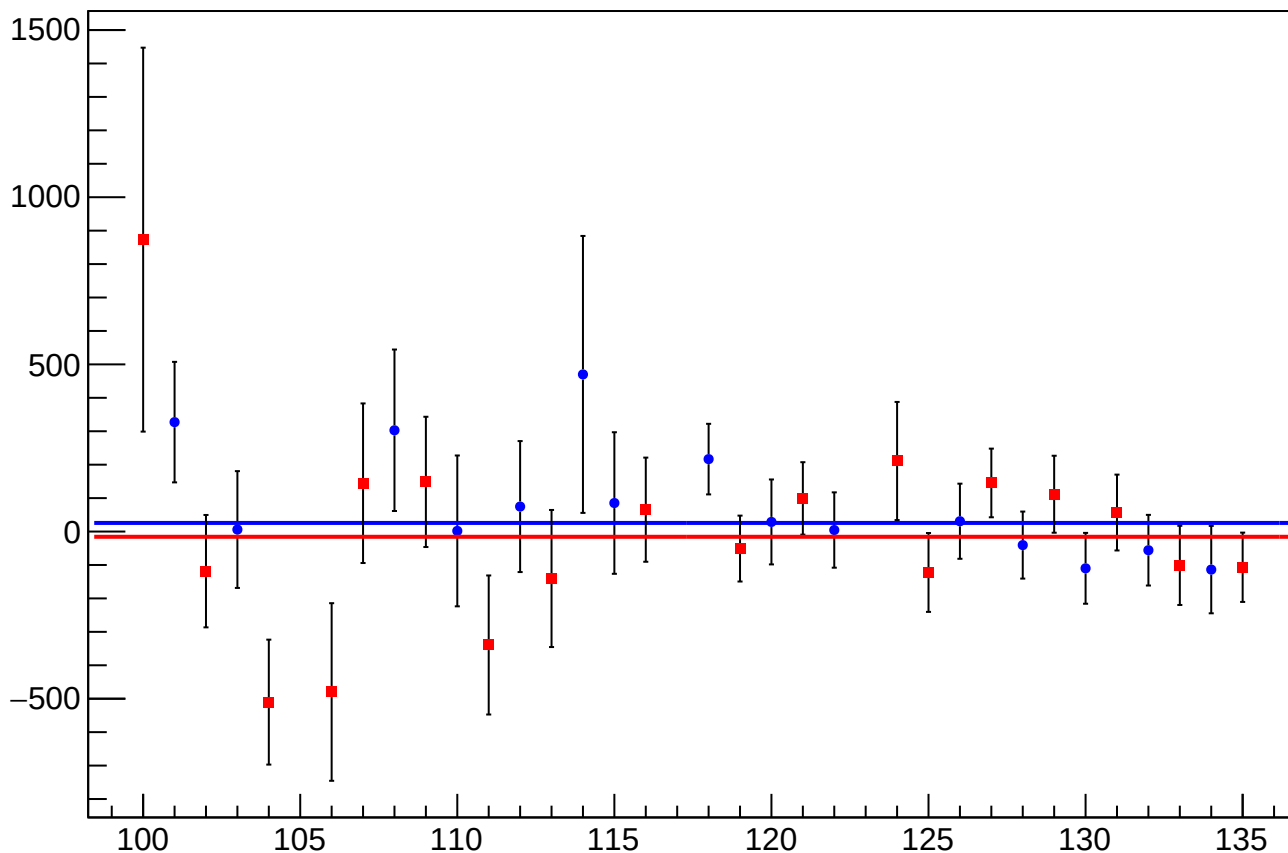
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 478.423+/-0.098 χ^2/NDF : 3077085.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_mean vs Slug



Right In: 25.773+/-35.336 χ^2/NDF : 12.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -15.652+/-33.008 χ^2/NDF : 26.2/17

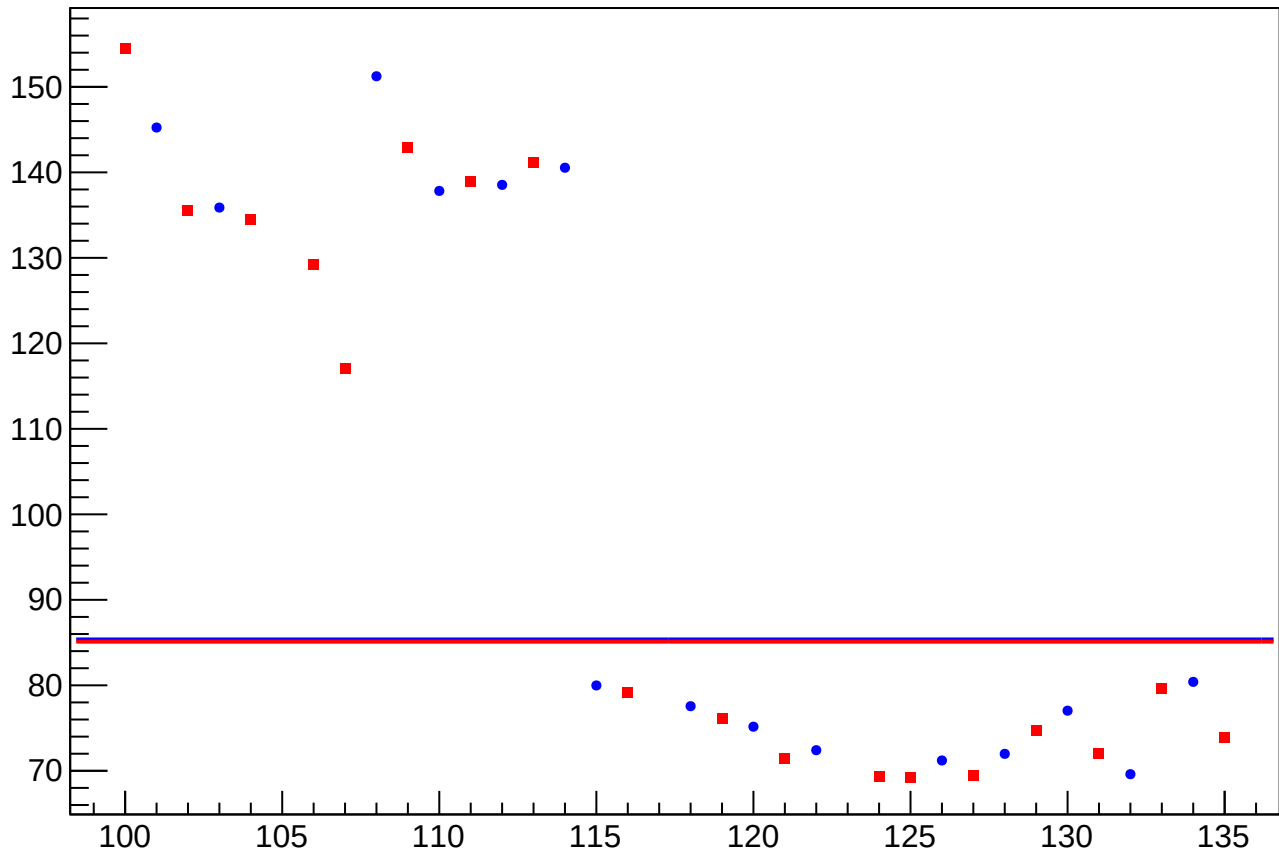
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.651+/-24.121 χ^2/NDF : 39.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam1_rms vs Slug



Right In: 85.361 $\pm$ 0.025 χ^2 /NDF: 1006534.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 85.110 $\pm$ 0.023 χ^2 /NDF: 1119559.6/17

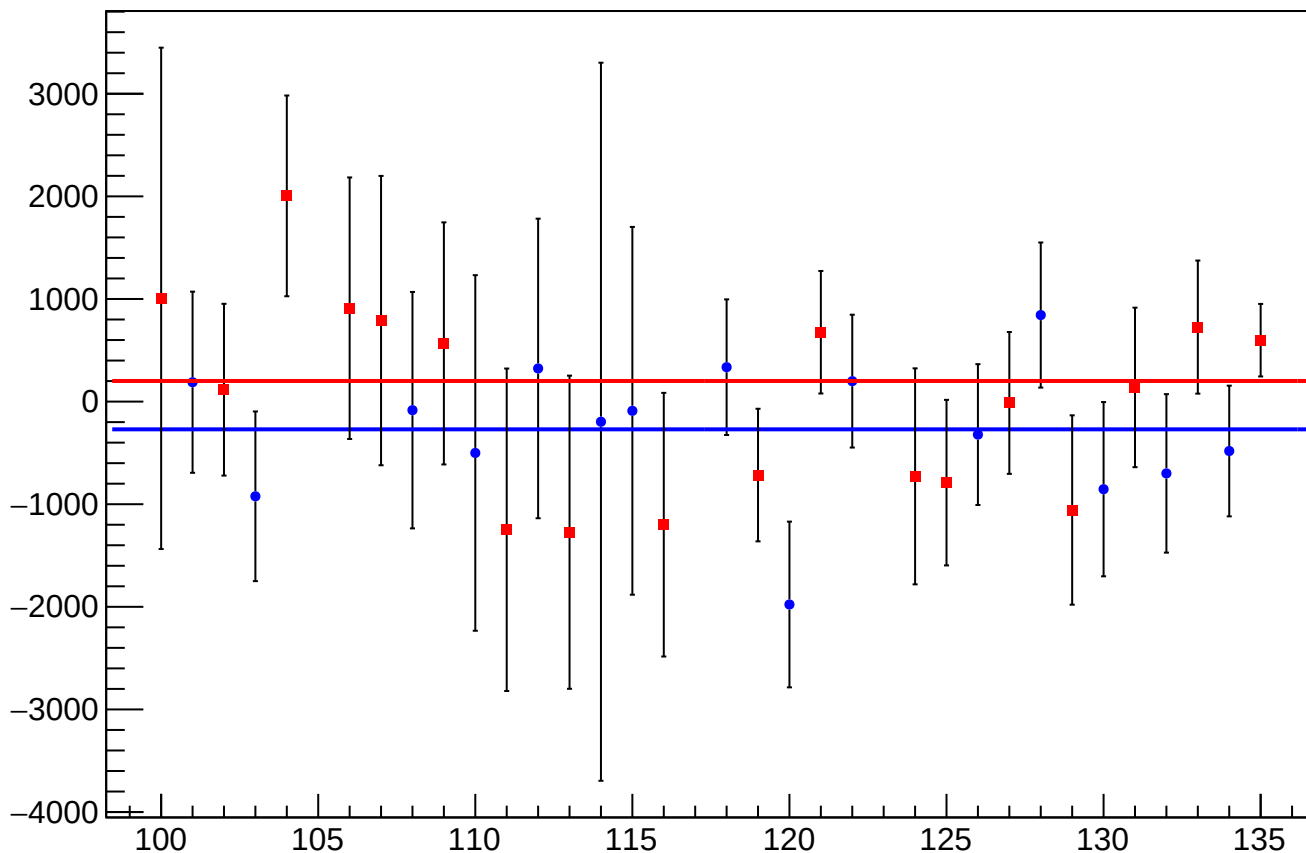
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.227 $\pm$ 0.017 χ^2 /NDF: 2126148.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_correction_mean vs Slug



Right In: -270.372 ± 220.543 χ^2/NDF : 10.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 200.961 ± 186.141 χ^2/NDF : 15.9/17

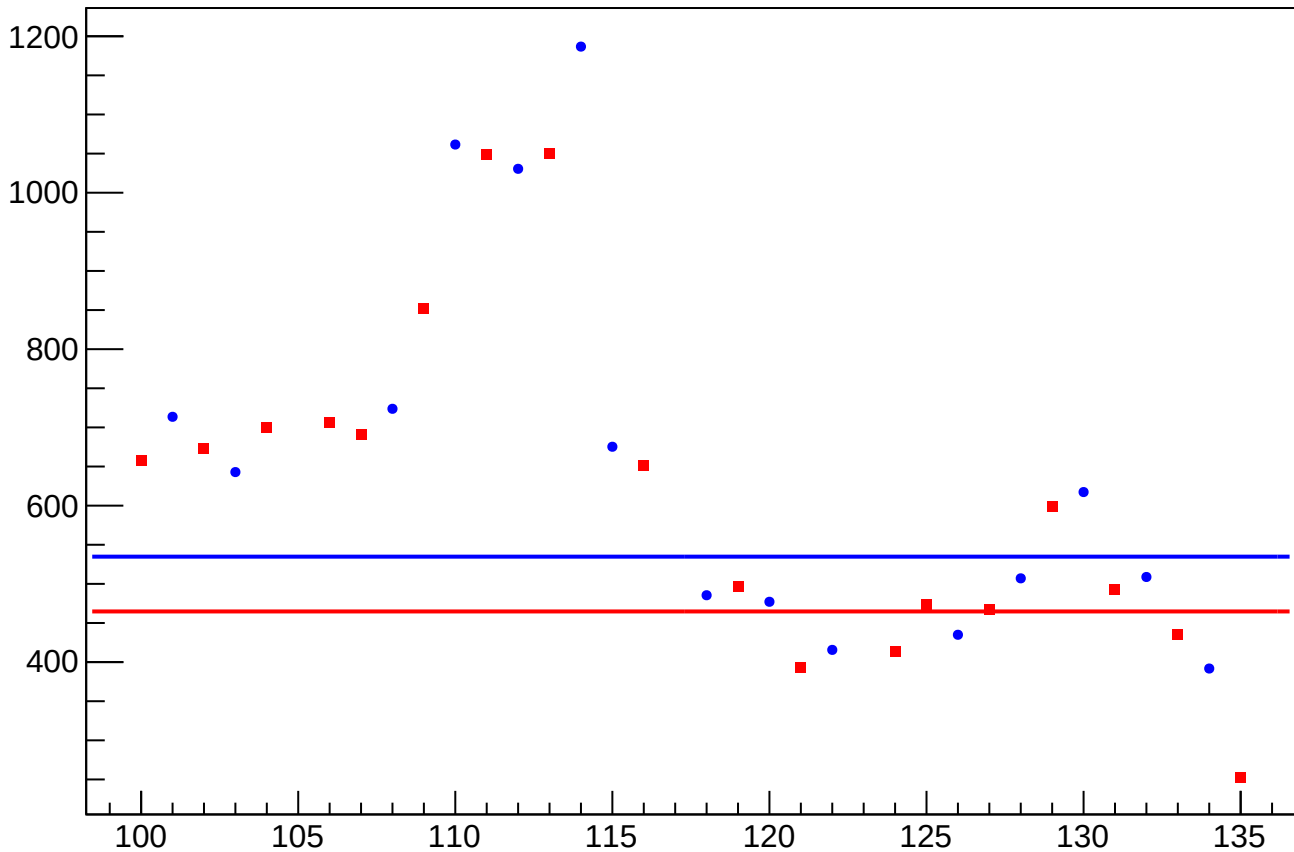
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.881 ± 142.248 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_correction_rms vs Slug



Right In: 534.797 $\pm$ 0.156 χ^2 /NDF: 923973.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

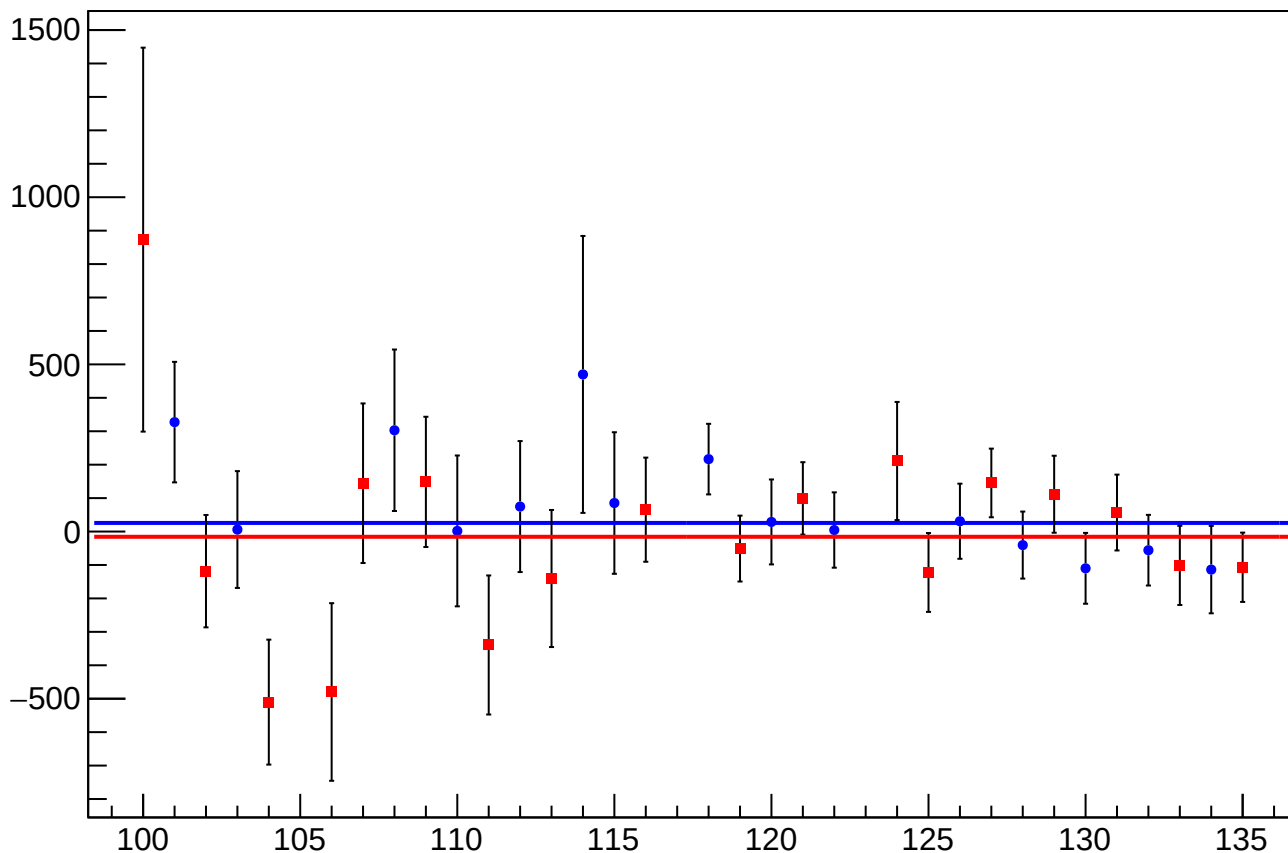
Right Out: 464.749 $\pm$ 0.132 χ^2 /NDF: 2013123.6/17

All: 493.890 $\pm$ 0.101 χ^2 /NDF: 3054920.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_mean vs Slug



Right In: 25.773 $\pm$ 35.336 χ^2 /NDF: 12.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.651 $\pm$ 33.008 χ^2 /NDF: 26.2/17

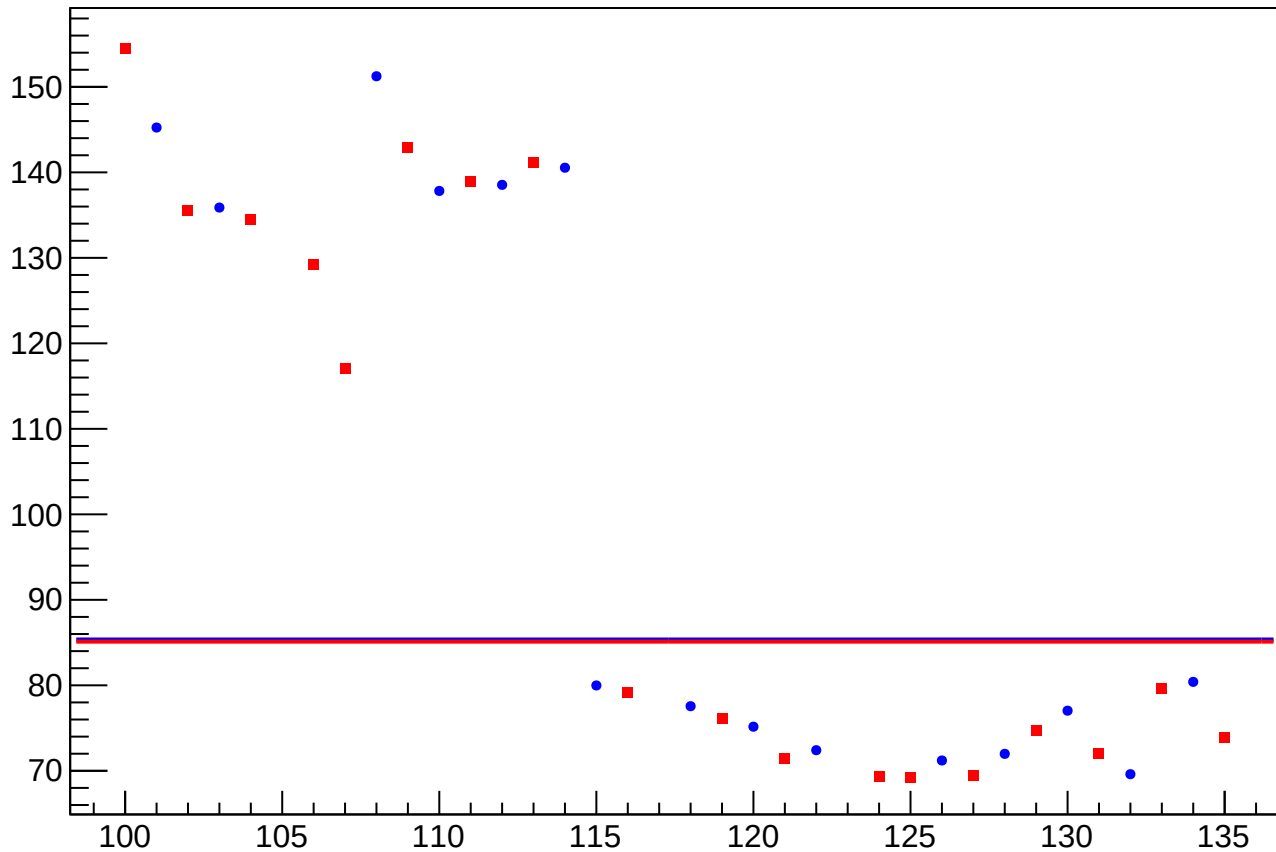
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.652 $\pm$ 24.121 χ^2 /NDF: 39.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam1_rms vs Slug



Right In: 85.361+/-0.025 χ^2/NDF : 1006534.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.110+/-0.023 χ^2/NDF : 1119558.6/17

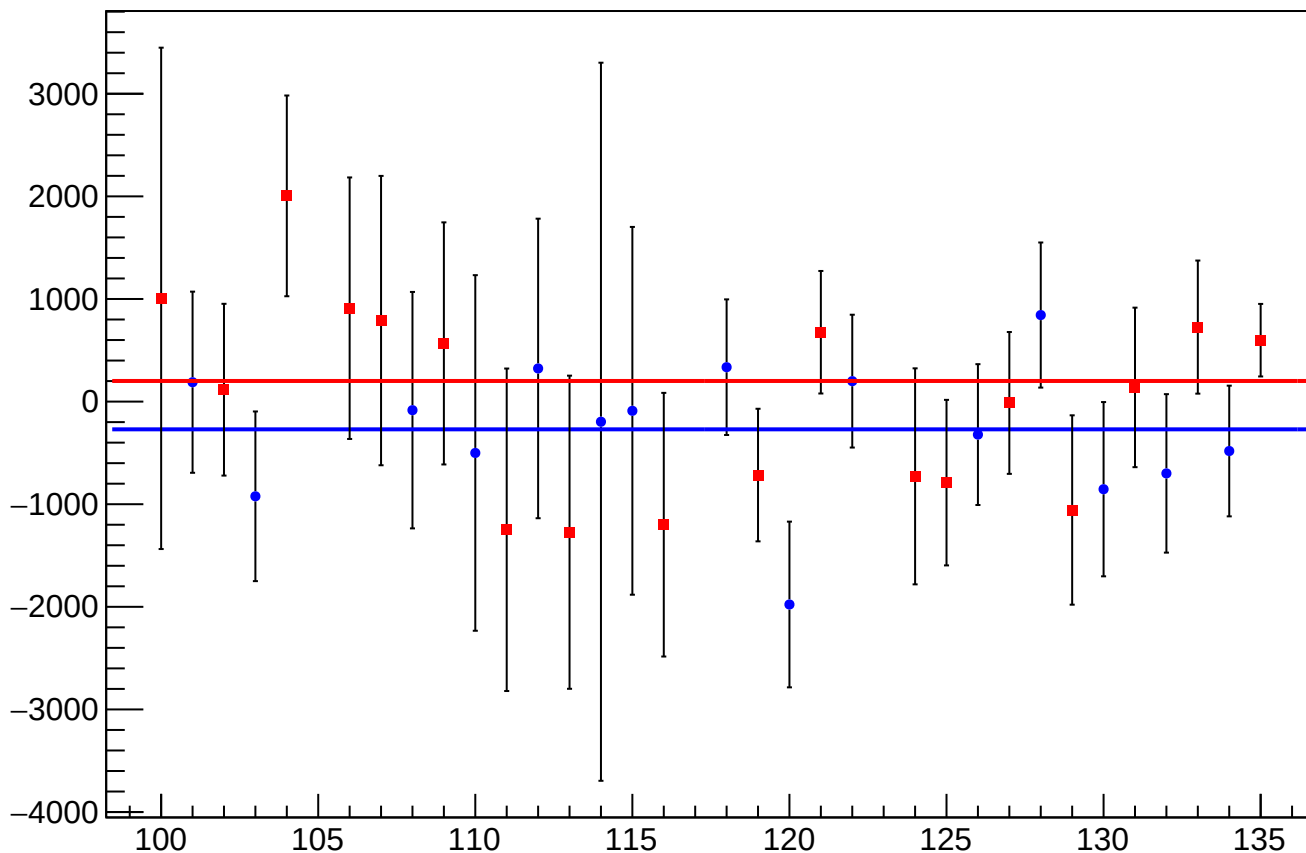
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 85.227+/-0.017 χ^2/NDF : 2126147.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_mean vs Slug



Right In: -270.372 ± 220.542 χ^2/NDF : 10.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 200.962 ± 186.141 χ^2/NDF : 15.9/17

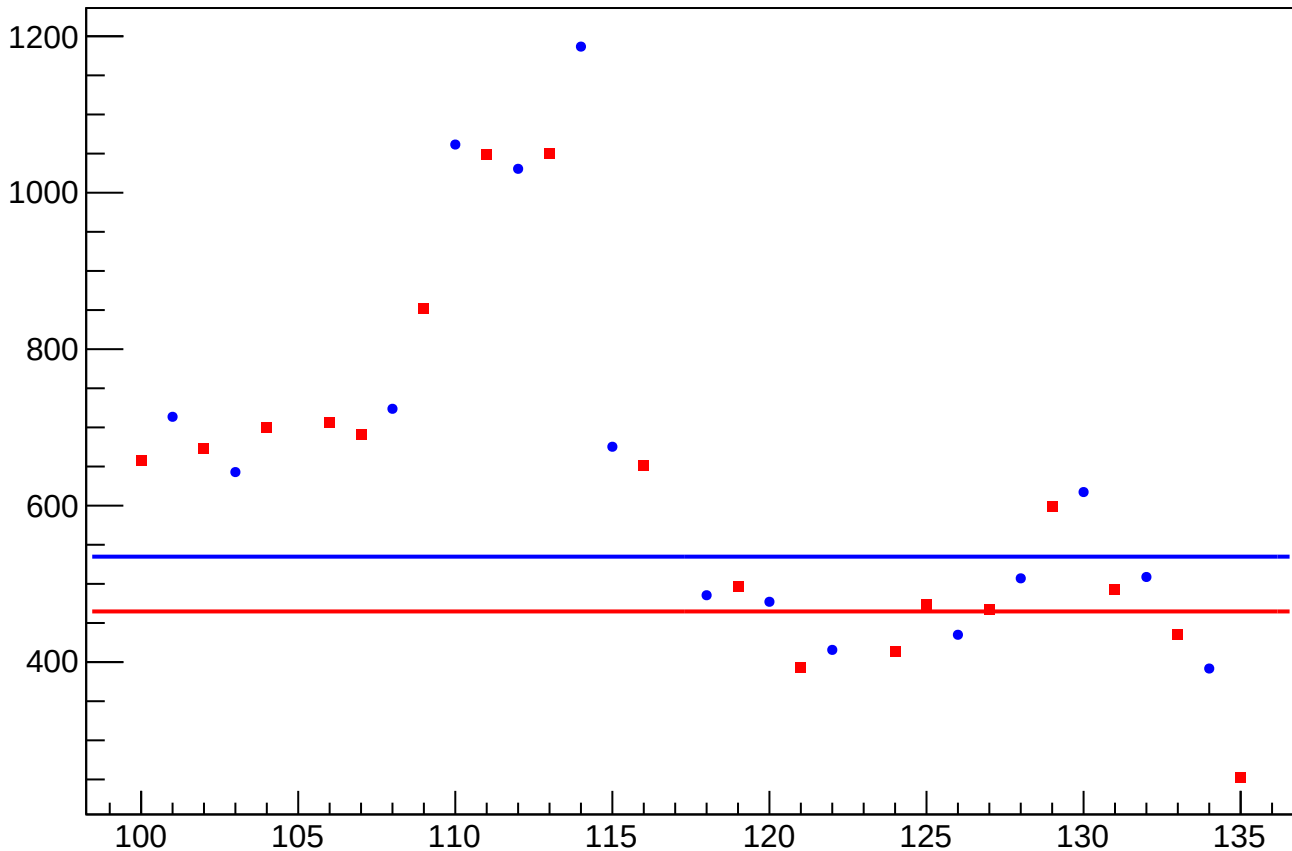
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.882 ± 142.247 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_correction_rms vs Slug



Right In: 534.796+/-0.156 χ^2/NDF : 923972.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 464.748+/-0.132 χ^2/NDF : 2013129.1/17

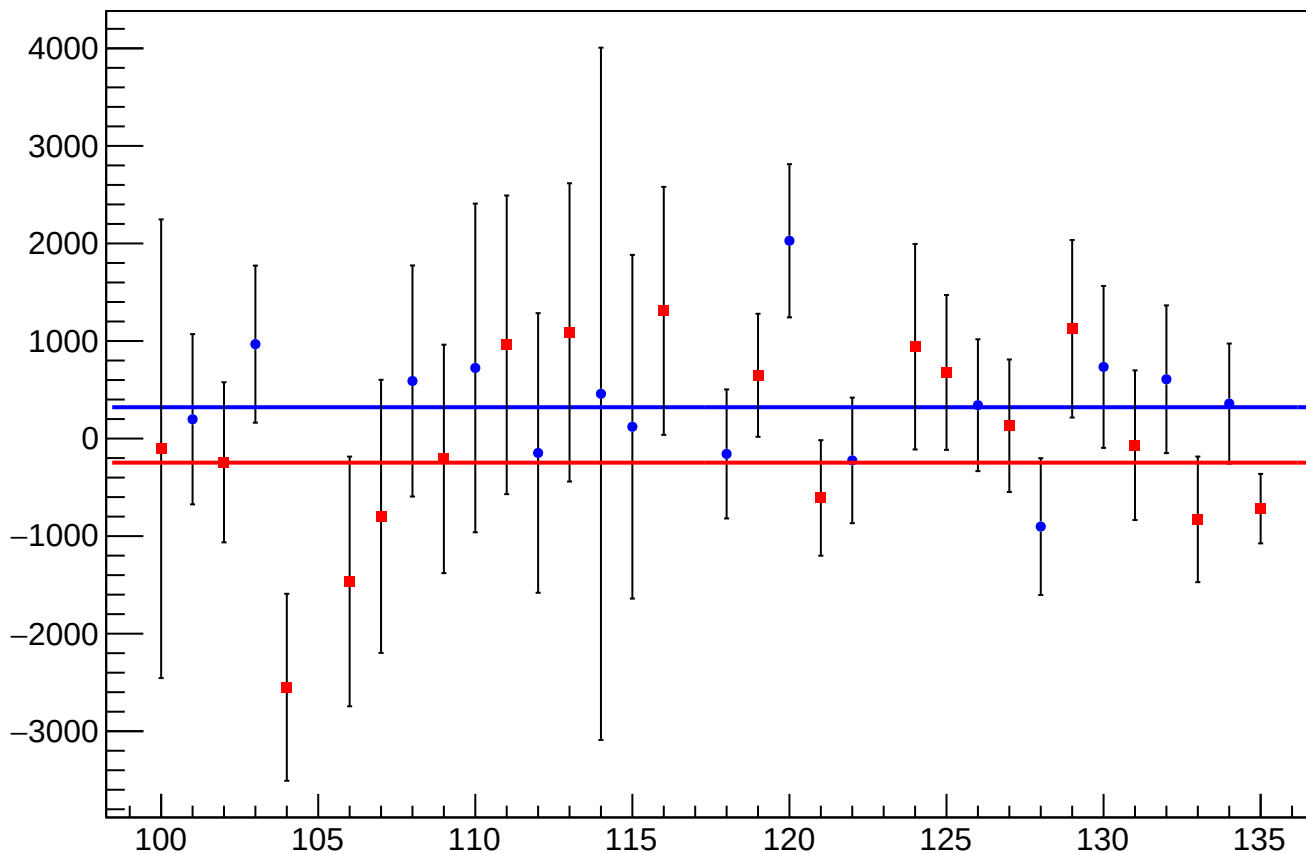
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 493.889+/-0.101 χ^2/NDF : 3054927.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_mean vs Slug



Right In: 321.267 $\pm$ 217.232 χ^2 /NDF: 10.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -246.974 $\pm$ 184.716 χ^2 /NDF: 19.9/17

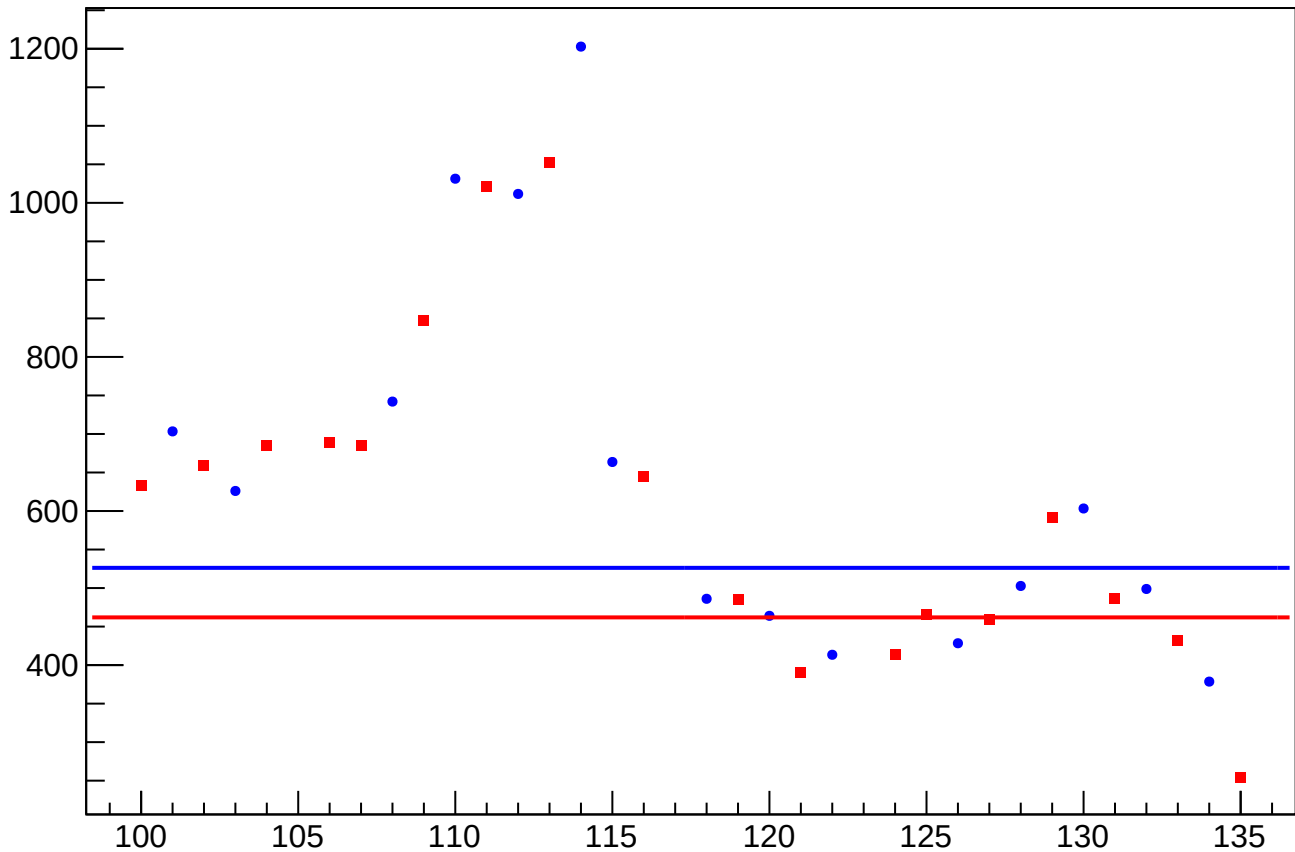
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.524 $\pm$ 140.720 χ^2 /NDF: 34.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_rms vs Slug



Right In: 526.236+/-0.154 χ^2/NDF : 934197.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.918+/-0.131 χ^2/NDF : 1936696.0/17

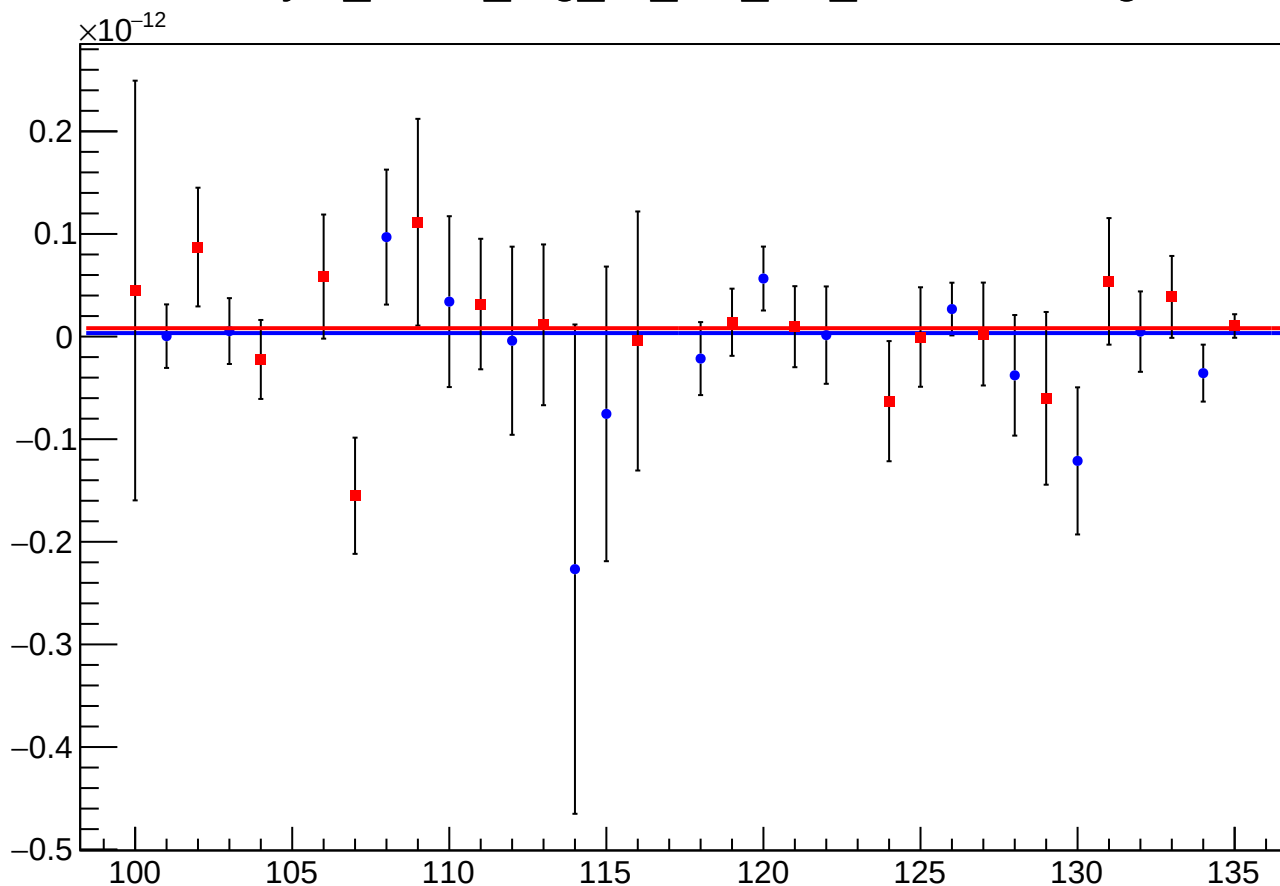
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 488.908+/-0.100 χ^2/NDF : 2972648.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.1/17

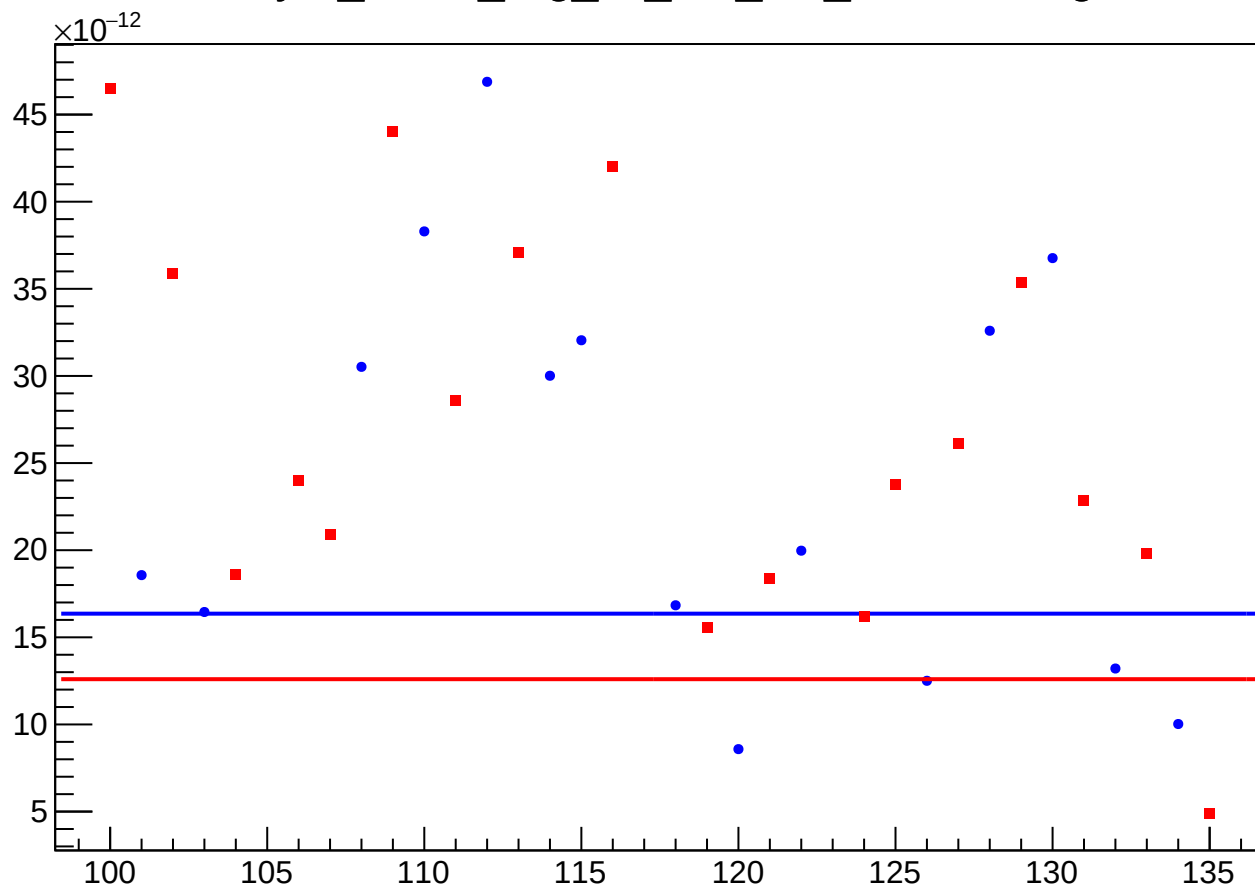
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1107342.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2659015.2/17

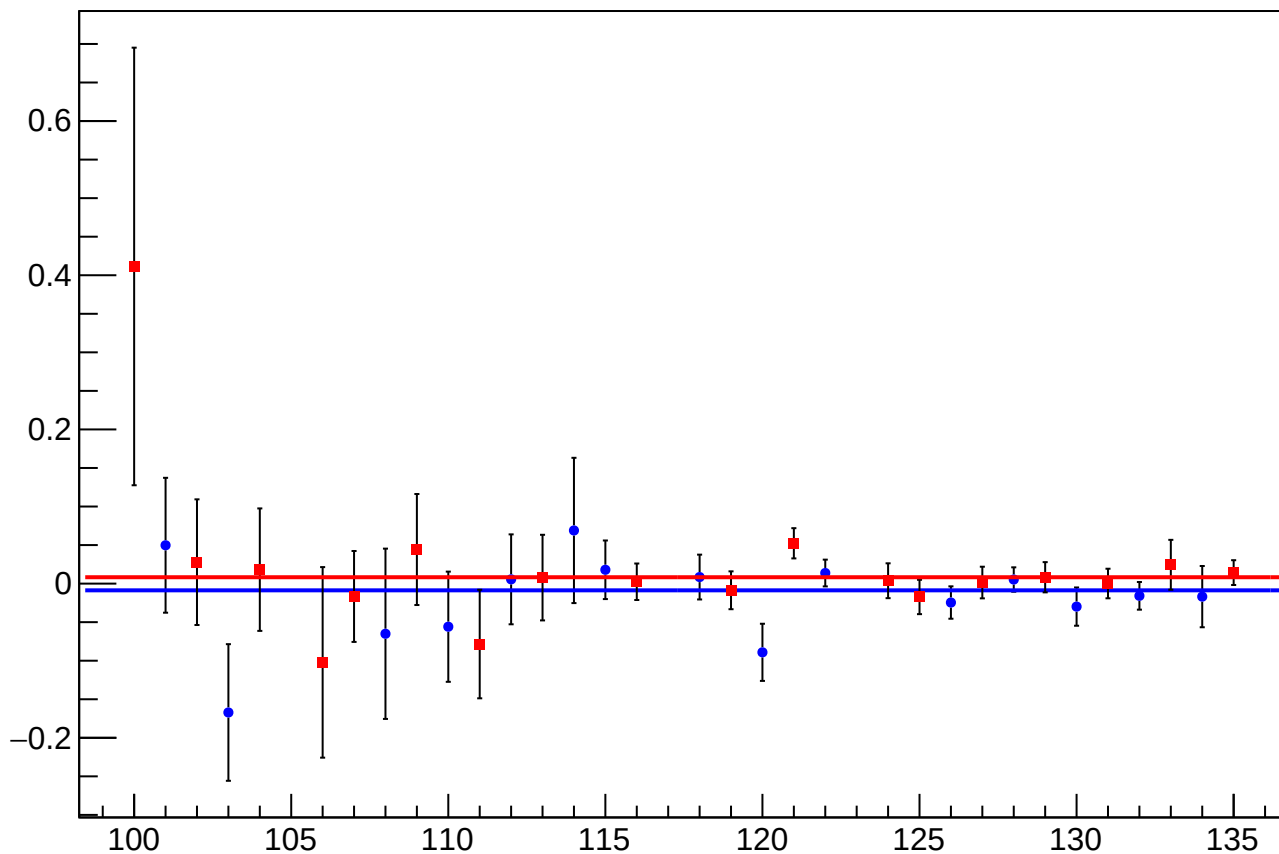
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3916783.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.006 χ^2/NDF : 12.5/17

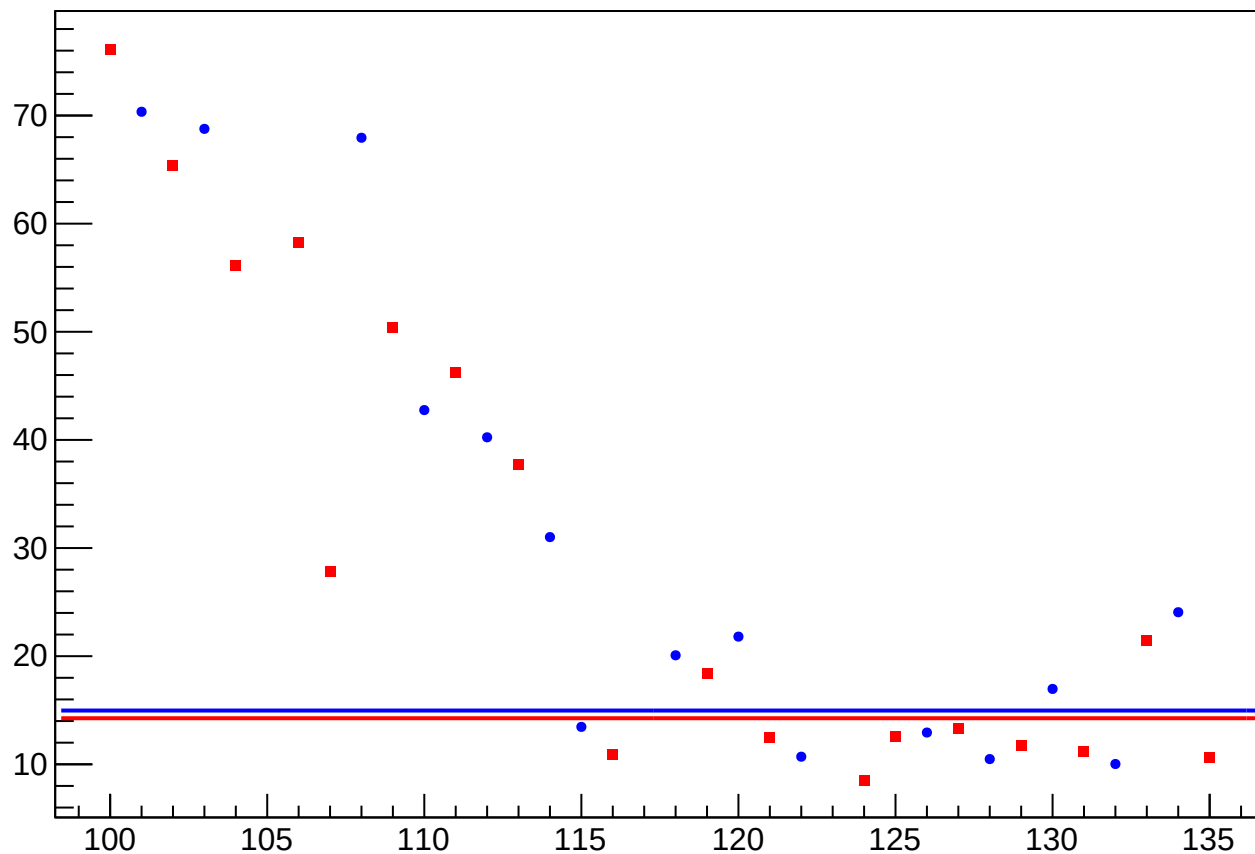
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 30.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_cor_diff_rms vs Slug



Right In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.260+/-0.005 χ^2/NDF : 3613619.3/17

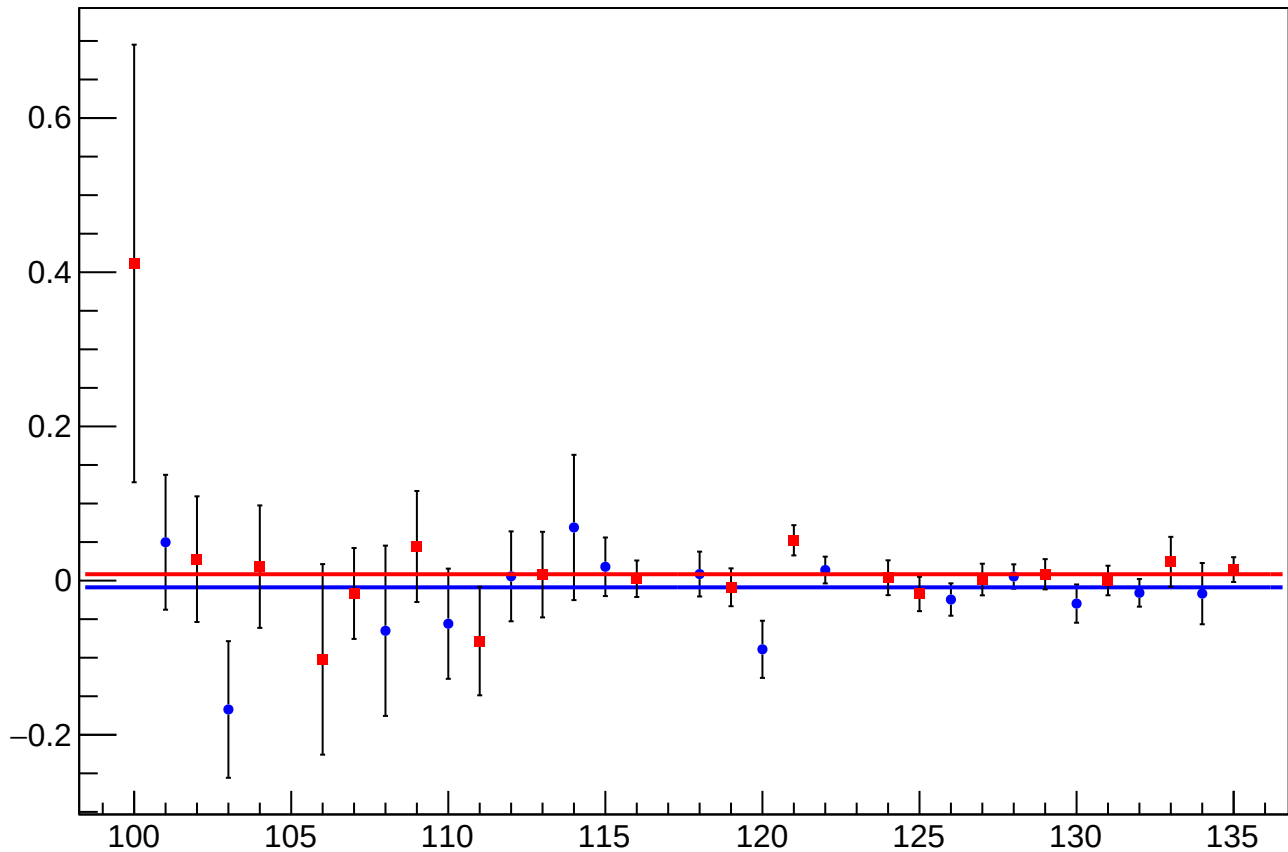
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.571+/-0.003 χ^2/NDF : 7061850.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.007 χ^2 /NDF: 14.6/14

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

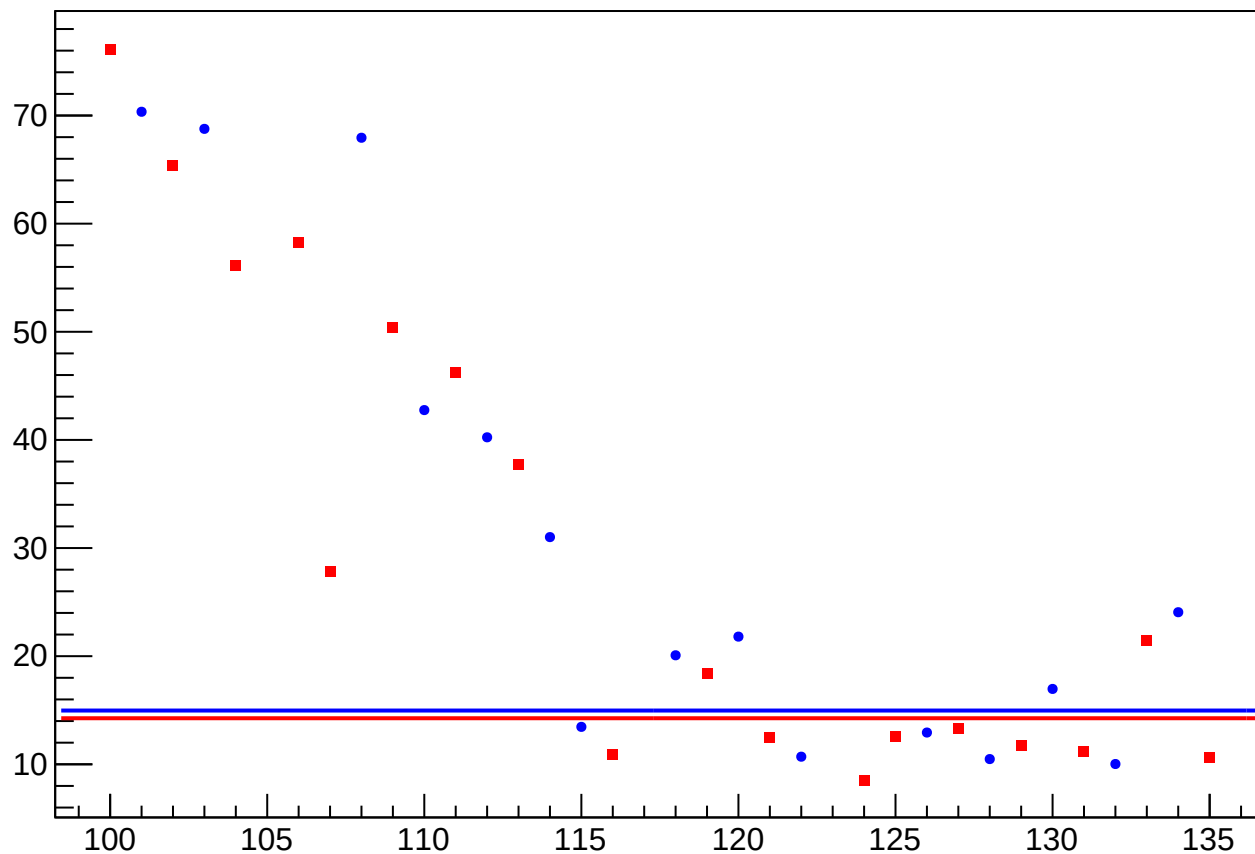
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.005 χ^2 /NDF: 30.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 14.973+/-0.005 χ^2/NDF : 3437623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.260+/-0.005 χ^2/NDF : 3613619.3/17

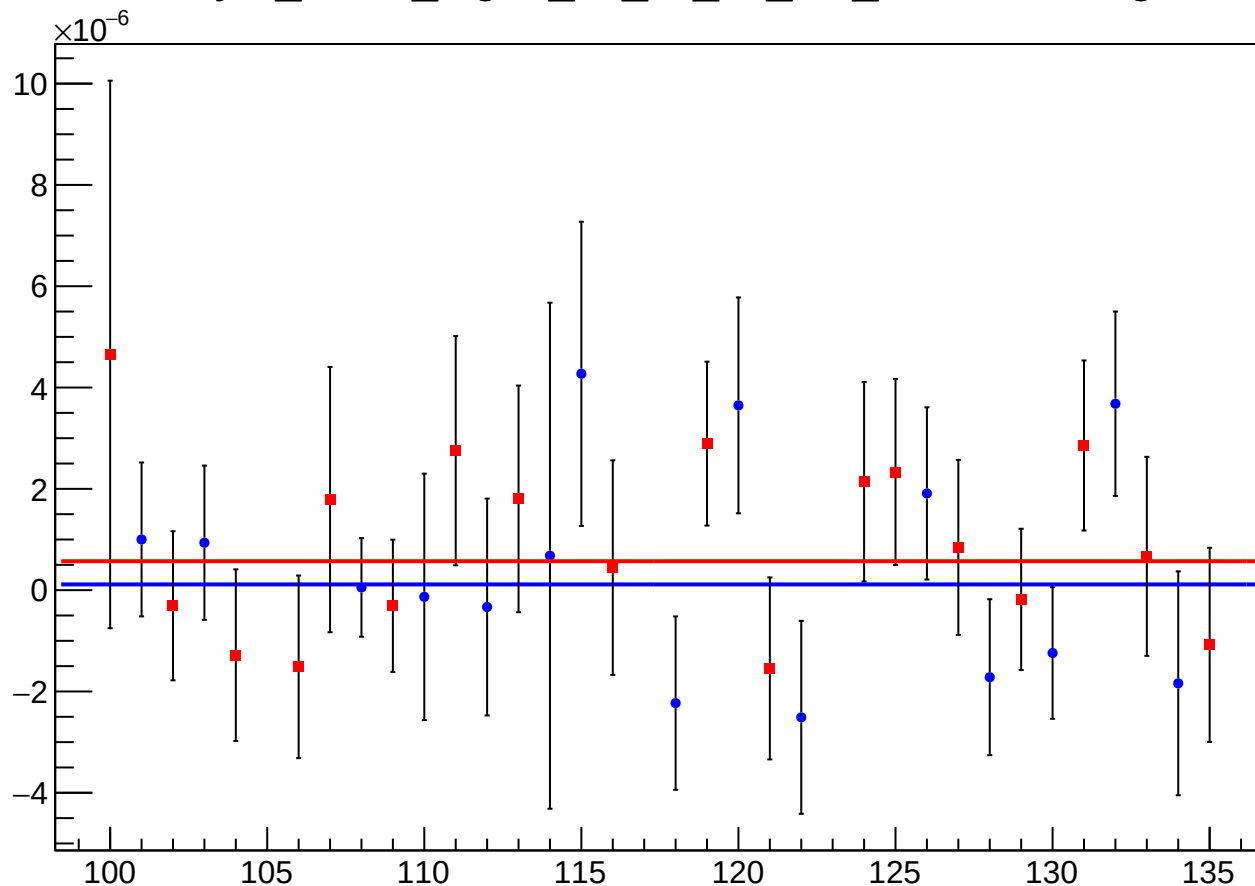
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.571+/-0.003 χ^2/NDF : 7061850.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 13.3/17

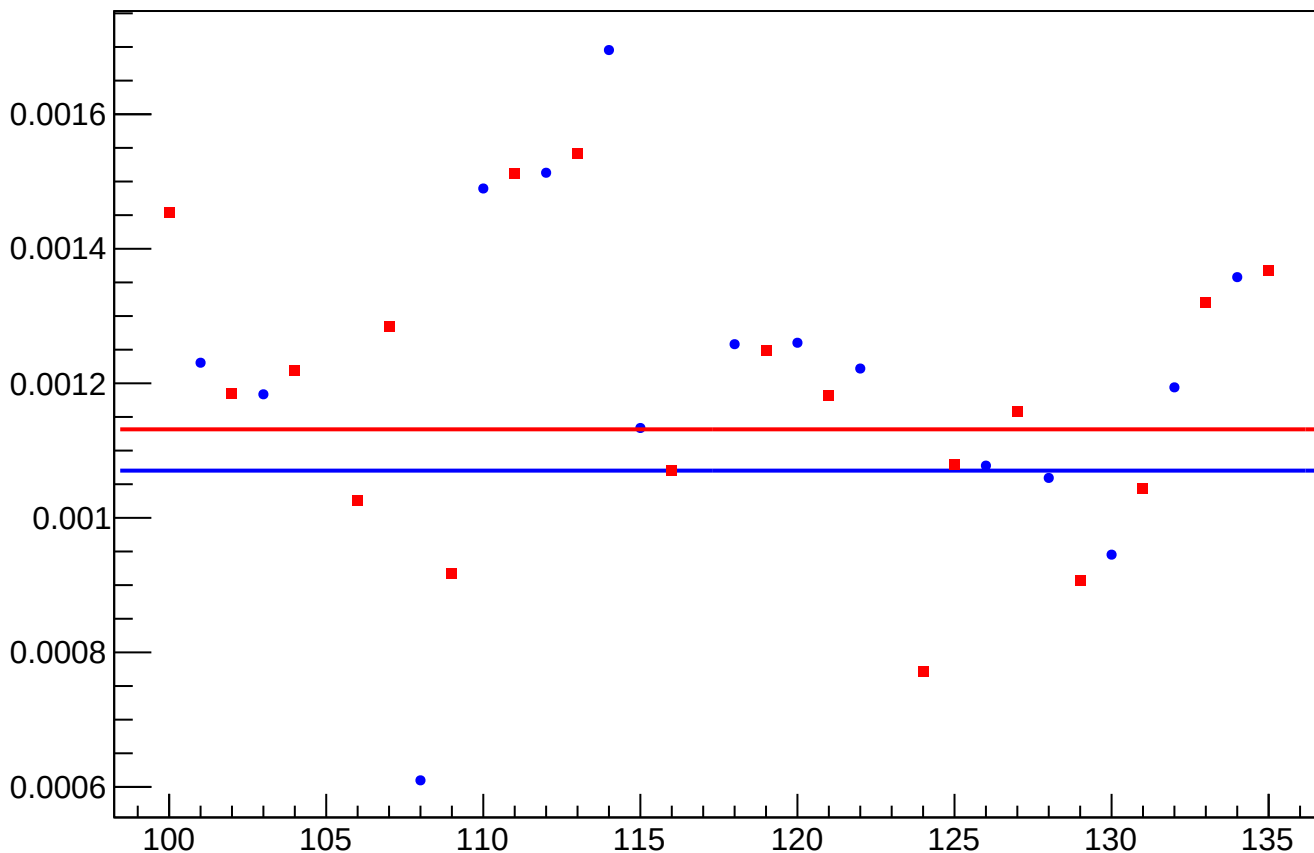
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 31.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 773022.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 395853.1/17

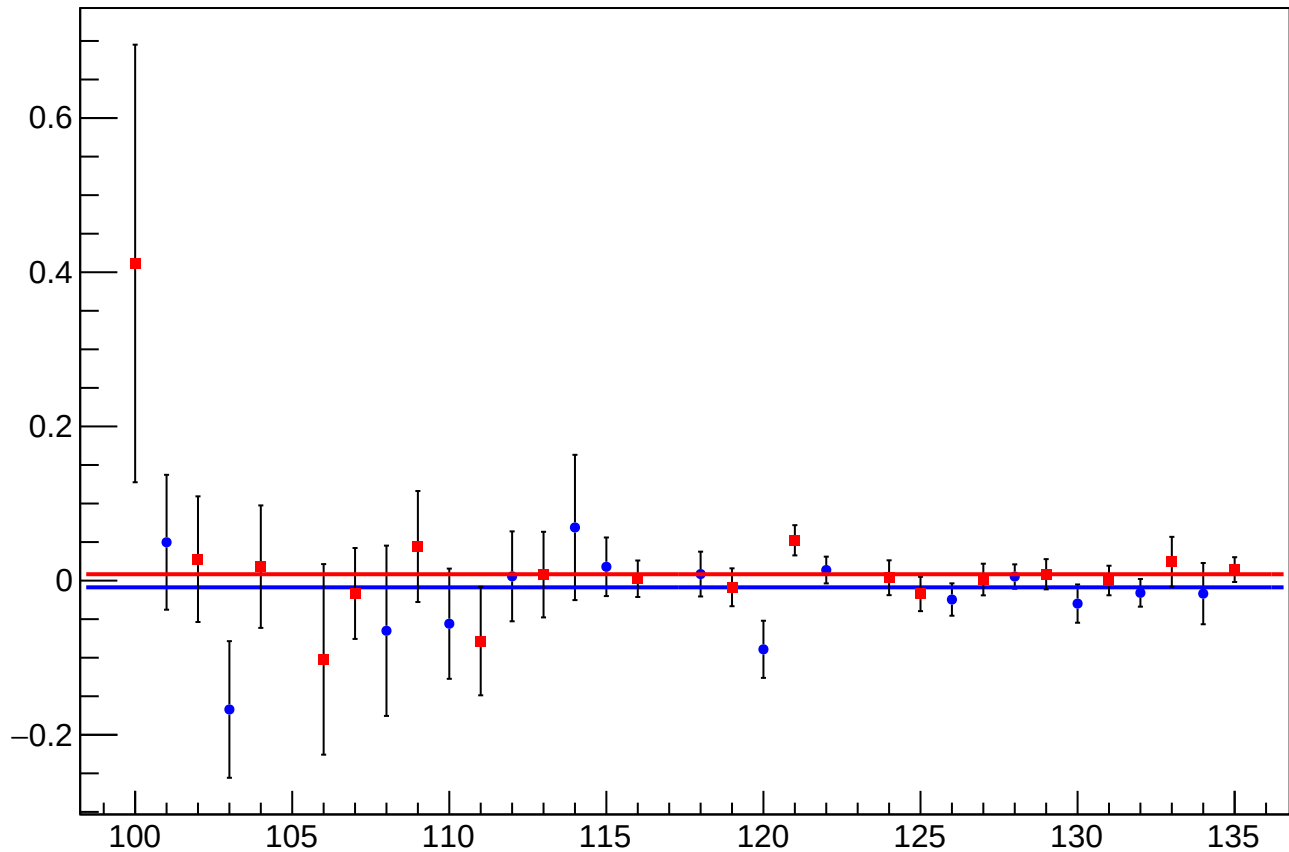
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1188913.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 ± 0.007 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.006 χ^2/NDF : 12.5/17

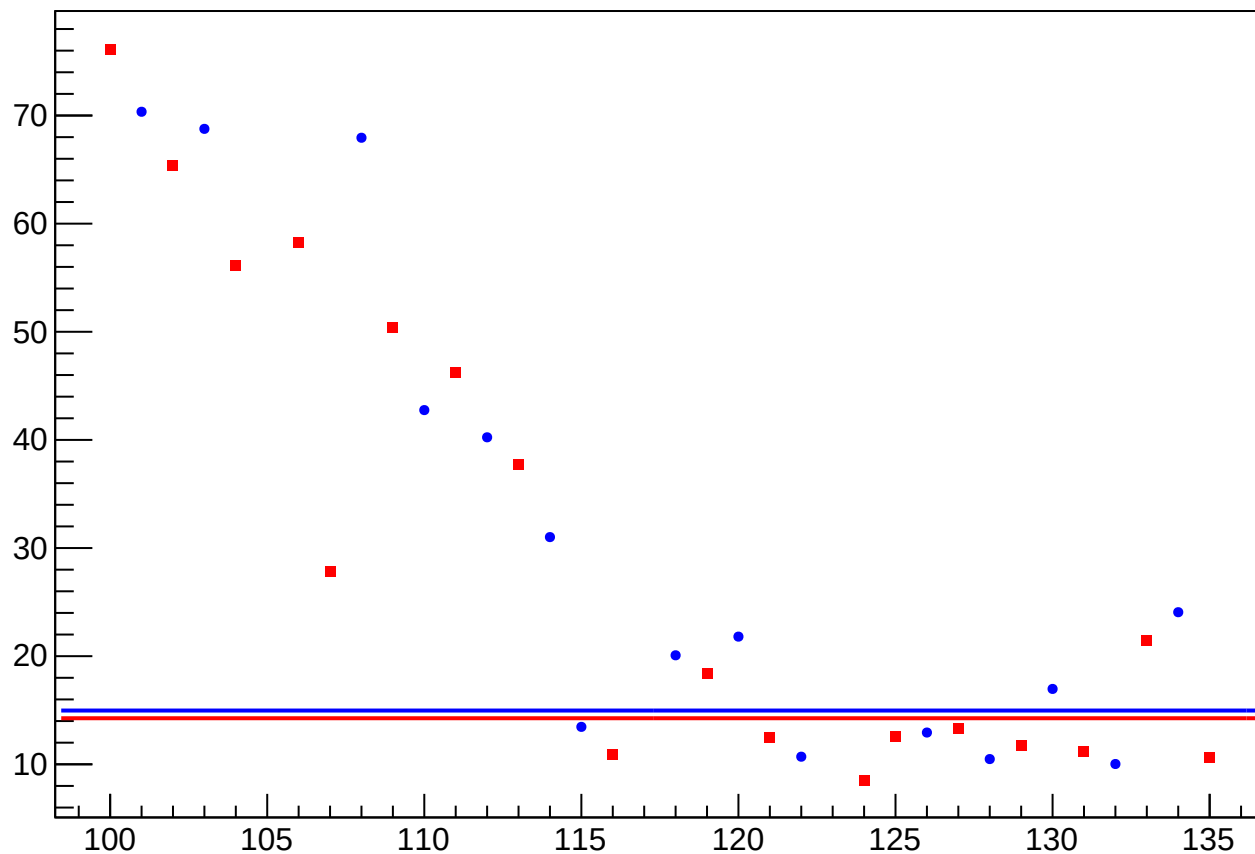
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.001 ± 0.005 χ^2/NDF : 30.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam1_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 14.972 $\pm$ 0.005 χ^2 /NDF: 3437641.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.259 $\pm$ 0.005 χ^2 /NDF: 3613609.2/17

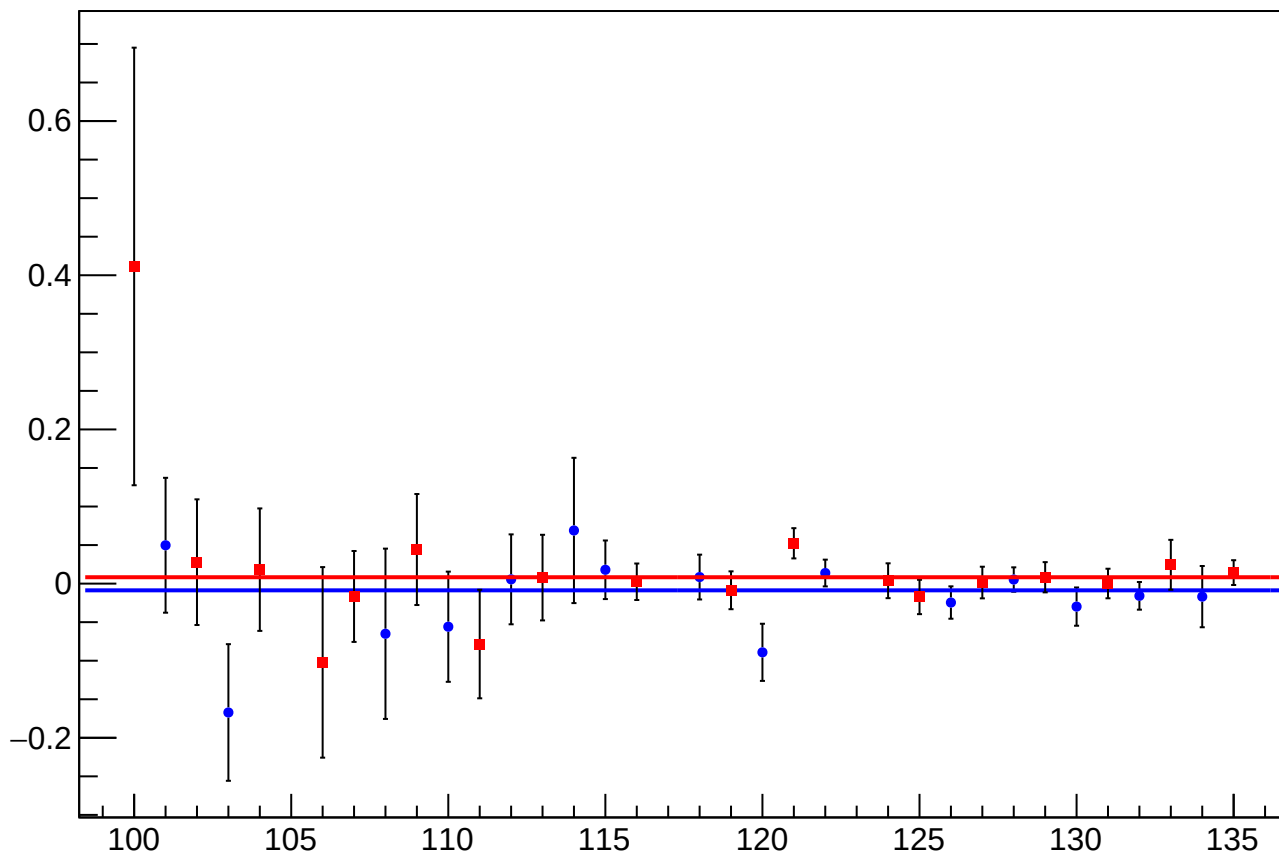
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.570 $\pm$ 0.003 χ^2 /NDF: 7061854.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.007 χ^2 /NDF: 14.6/14

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

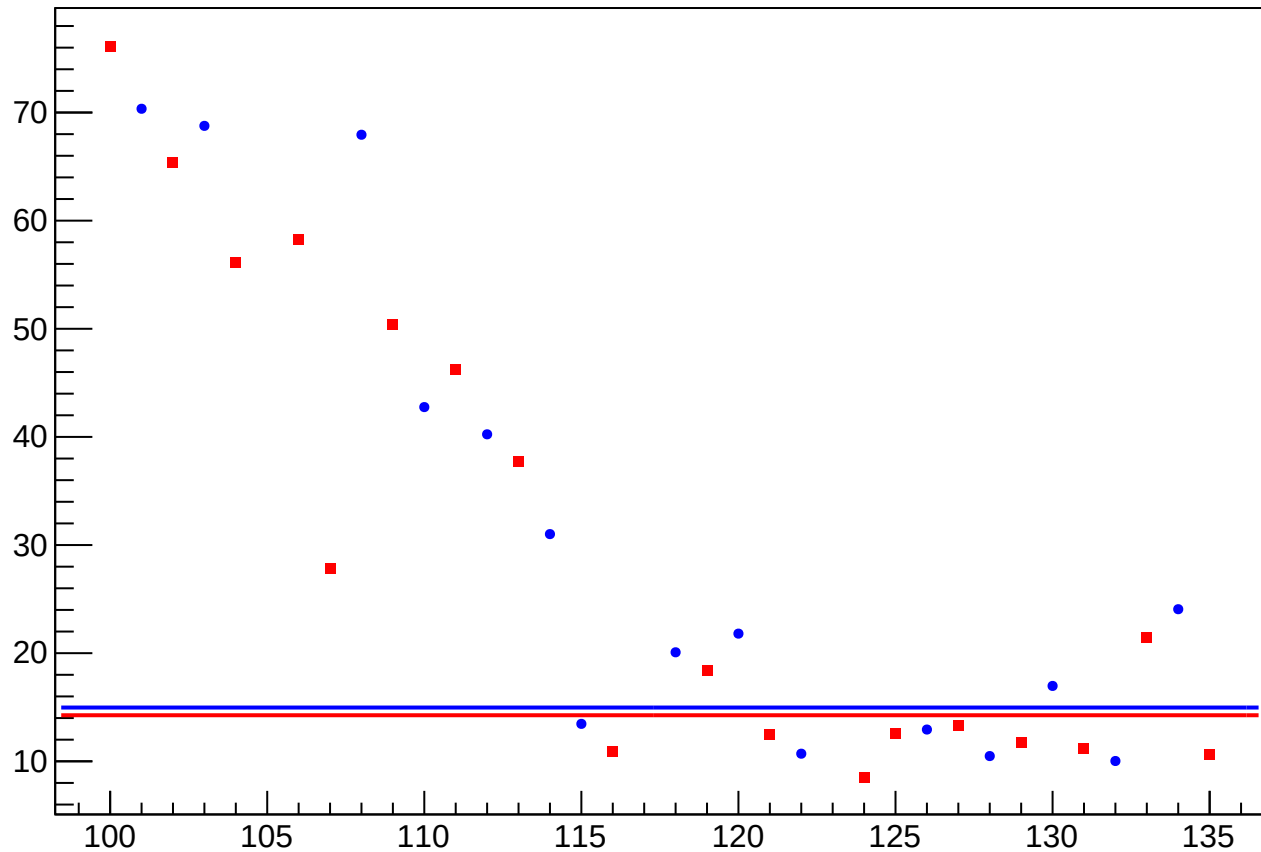
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.005 χ^2 /NDF: 30.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 14.972 $\pm$ 0.005 χ^2 /NDF: 3437641.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 14.259 $\pm$ 0.005 χ^2 /NDF: 3613609.2/17

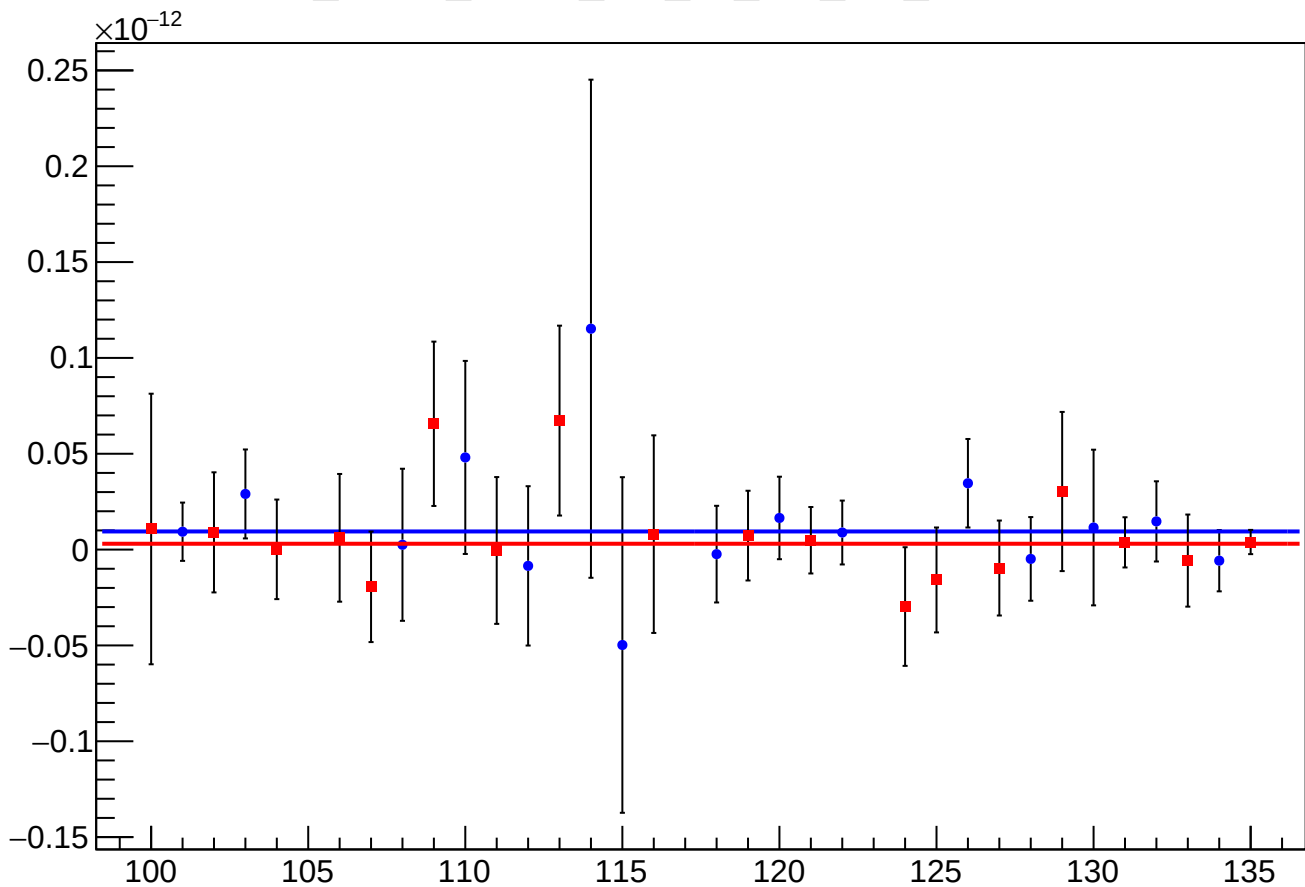
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.570 $\pm$ 0.003 χ^2 /NDF: 7061854.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.0/17

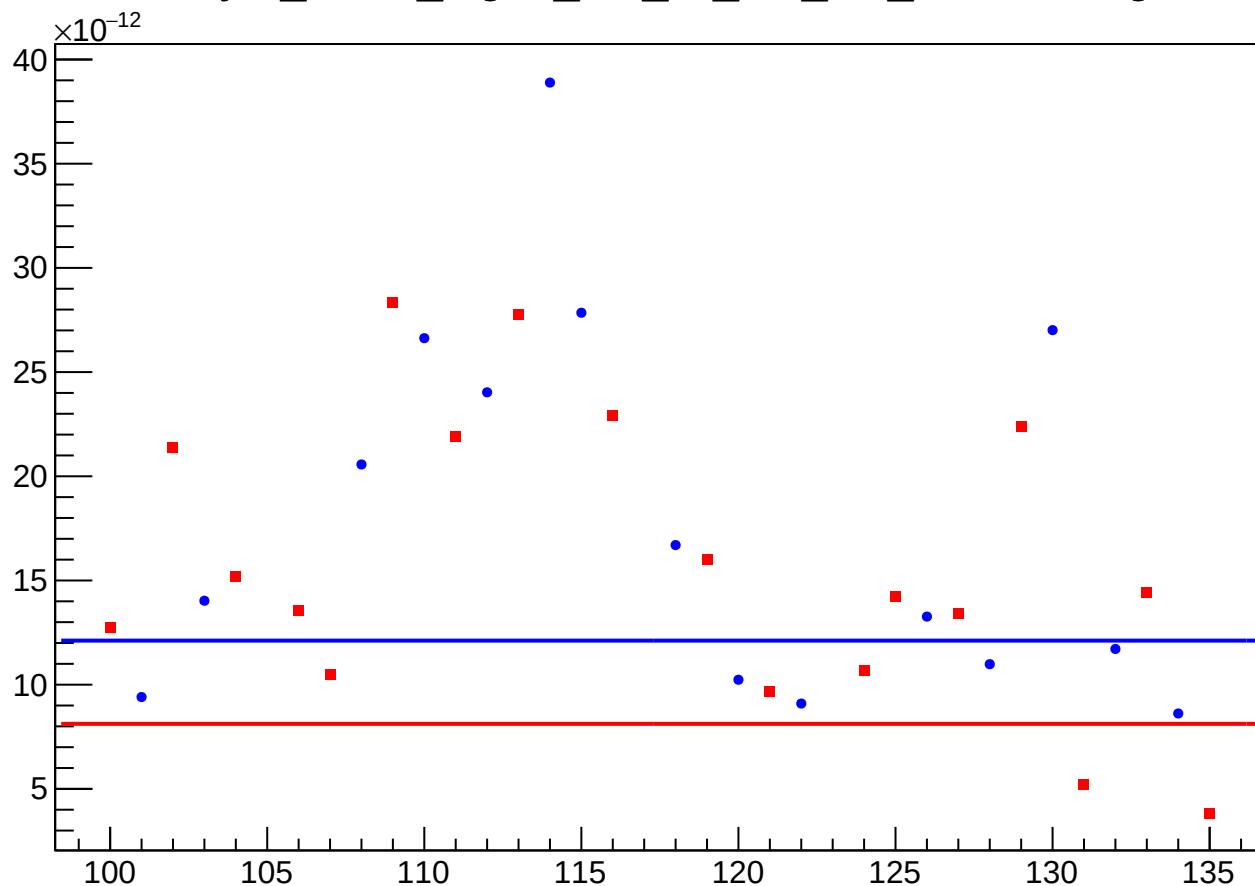
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam1_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1170692.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3617746.1/17

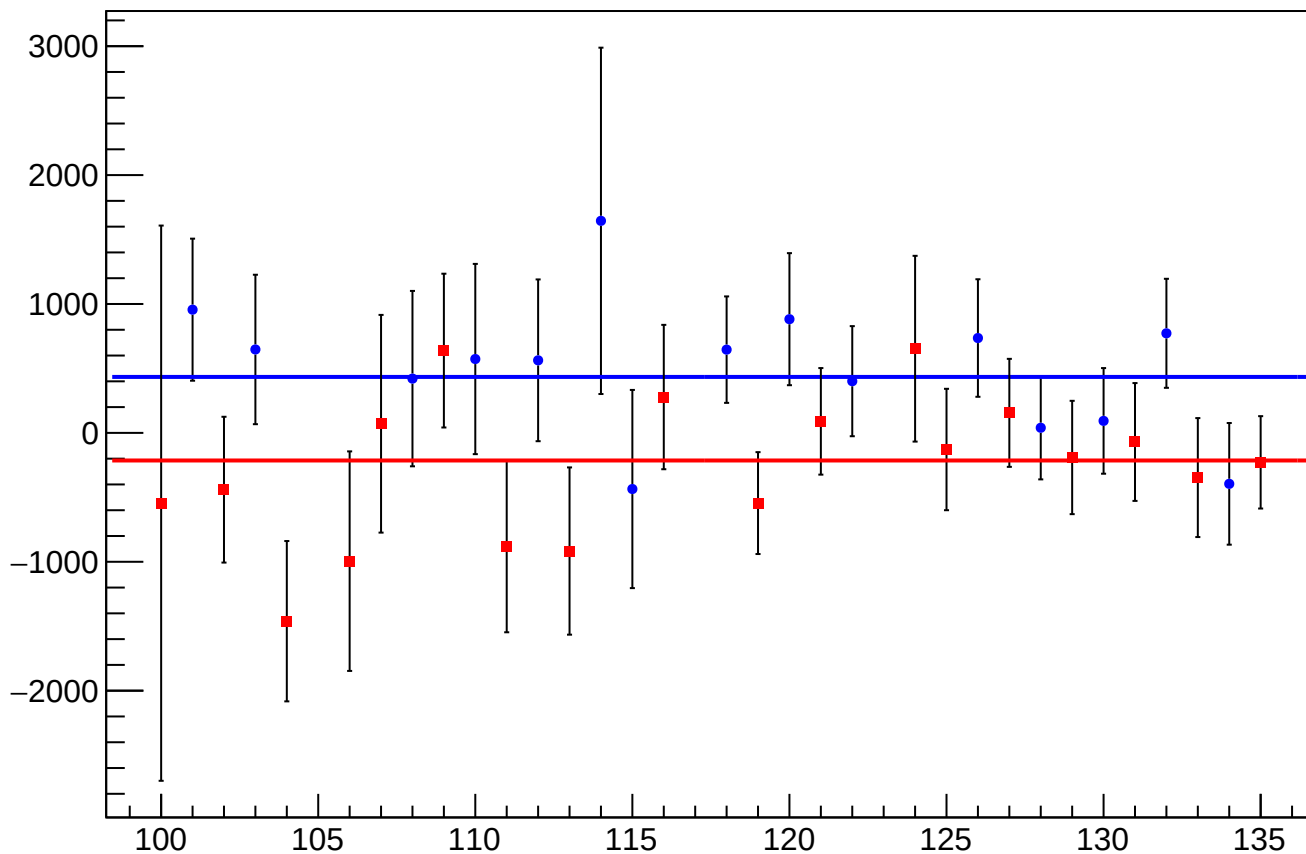
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5331971.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_mean vs Slug



Right In: 434.140+/-132.112 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -214.113+/-122.928 χ^2/NDF : 13.8/17

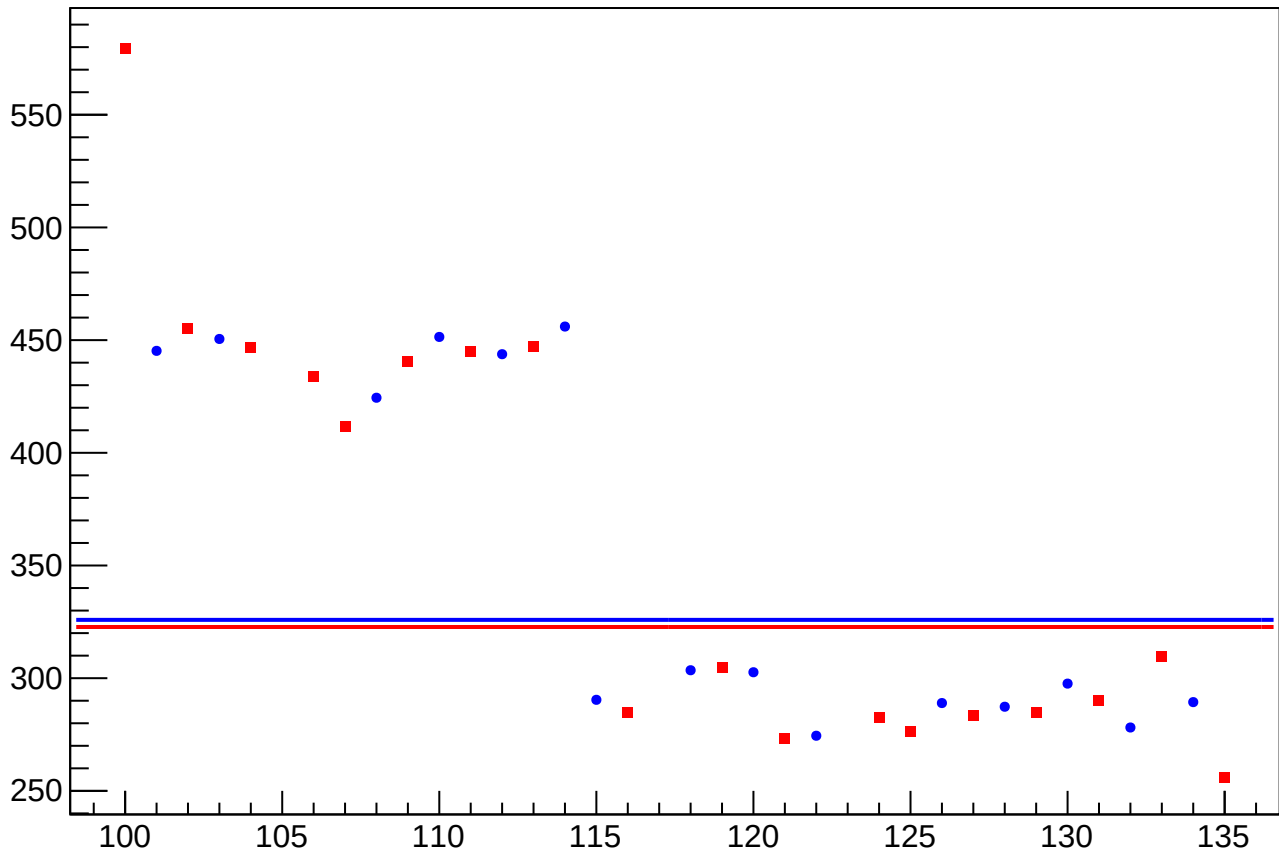
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.701+/-89.995 χ^2/NDF : 36.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_rms vs Slug



Right In: 325.881 $\pm$ 0.093 χ^2 /NDF: 497362.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 322.716 $\pm$ 0.087 χ^2 /NDF: 673065.3/17

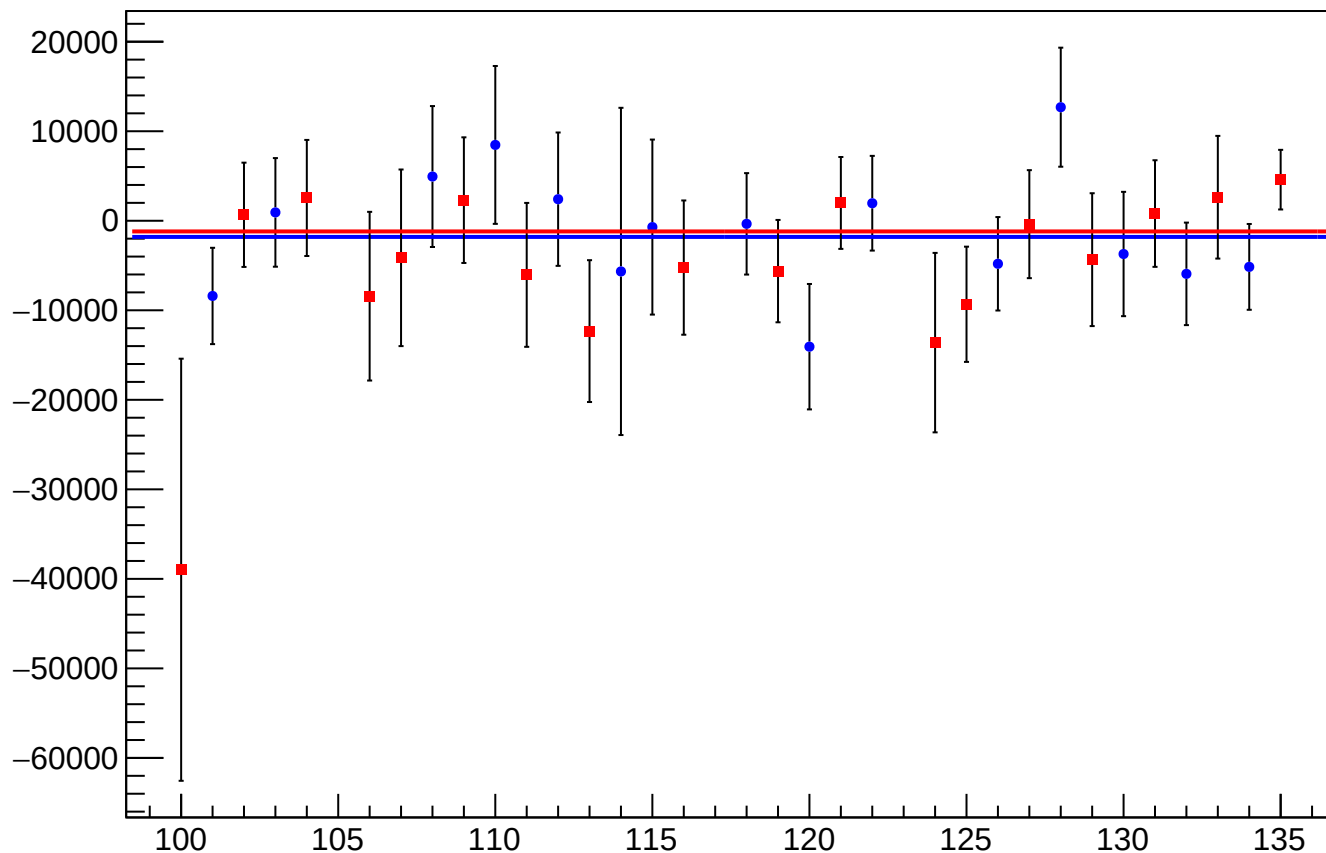
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 324.184 $\pm$ 0.064 χ^2 /NDF: 1171043.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_reg_correction_mean vs Slug



Right In: -1804.589 ± 1658.365 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1192.134 ± 1517.761 χ^2/NDF : 14.3/17

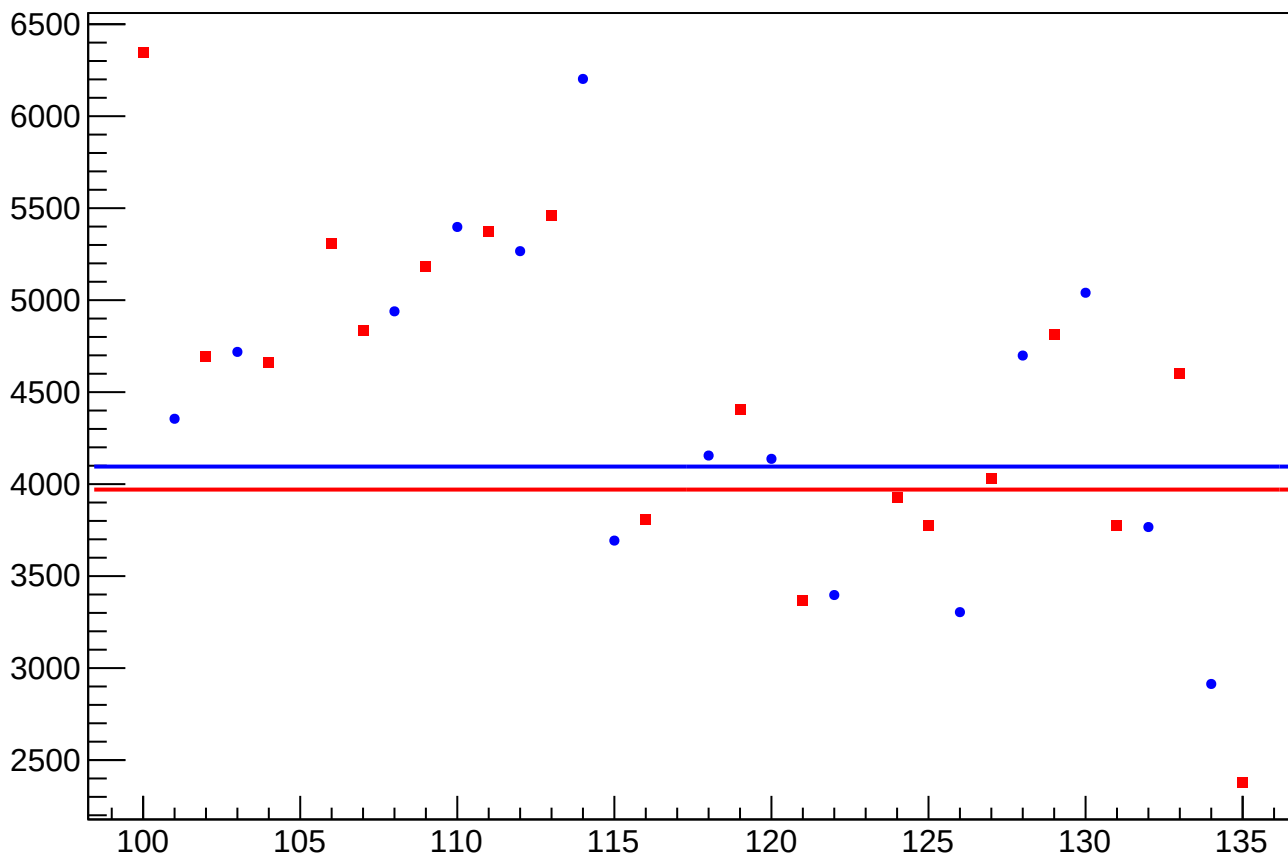
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1471.302 ± 1119.633 χ^2/NDF : 28.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_correction_rms vs Slug



Right In: 4095.423+/-1.173 χ^2/NDF : 434643.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

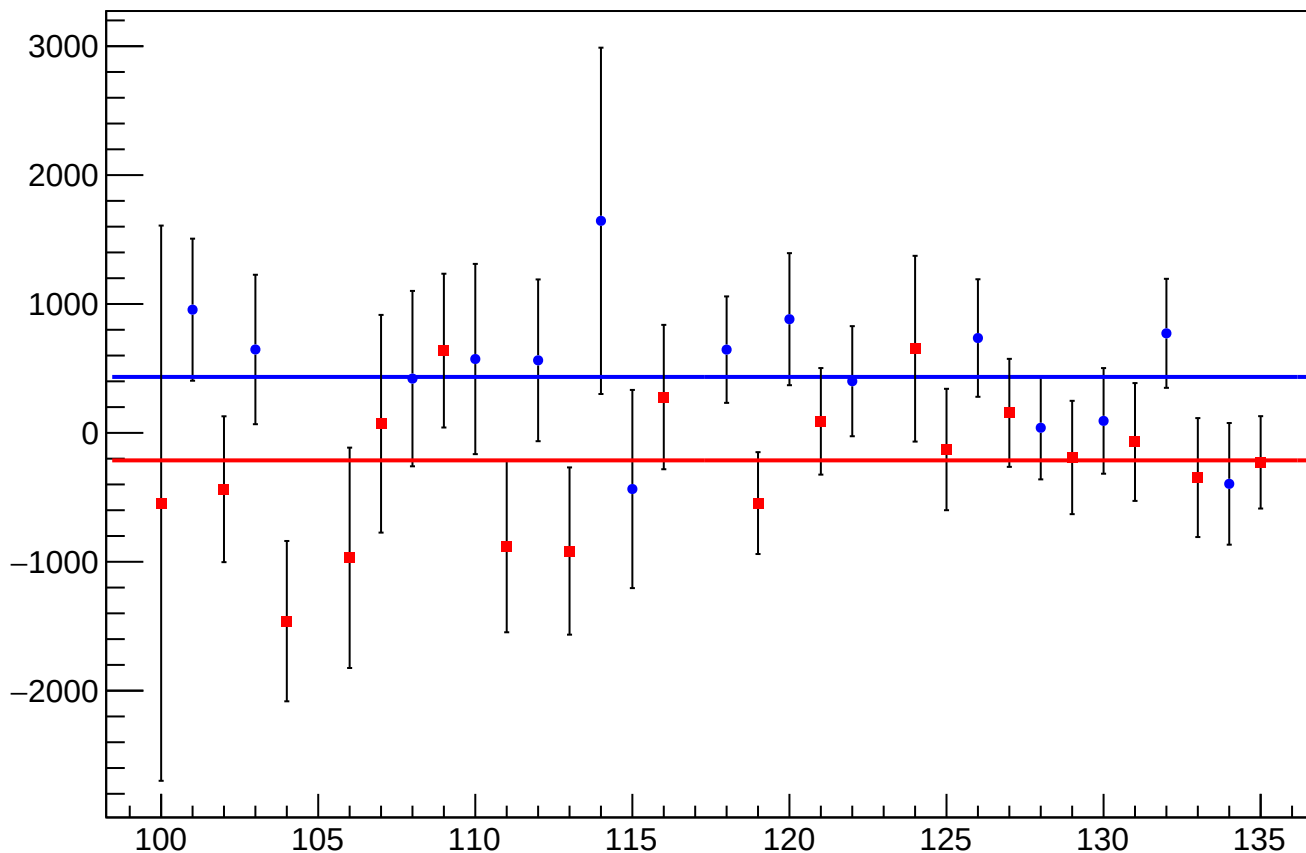
Right Out: 3970.352+/-1.073 χ^2/NDF : 864541.2/17

All: 4027.362+/-0.792 χ^2/NDF : 1305375.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_mean vs Slug



Right In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.271+/-122.940 χ^2/NDF : 13.8/17

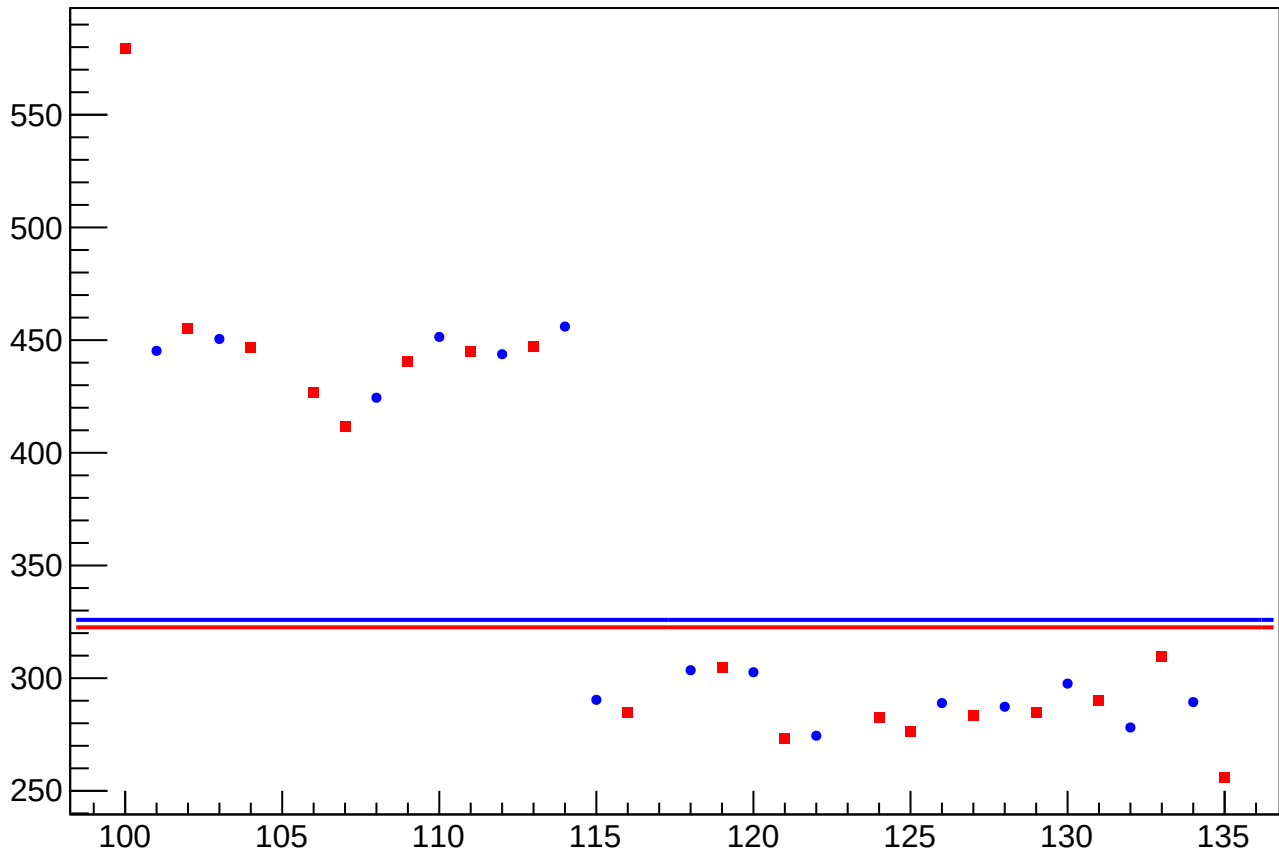
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.177+/-90.000 χ^2/NDF : 36.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam2_rms vs Slug



Right In: 325.881 $\pm$ 0.093 χ^2/NDF : 497363.9/14

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

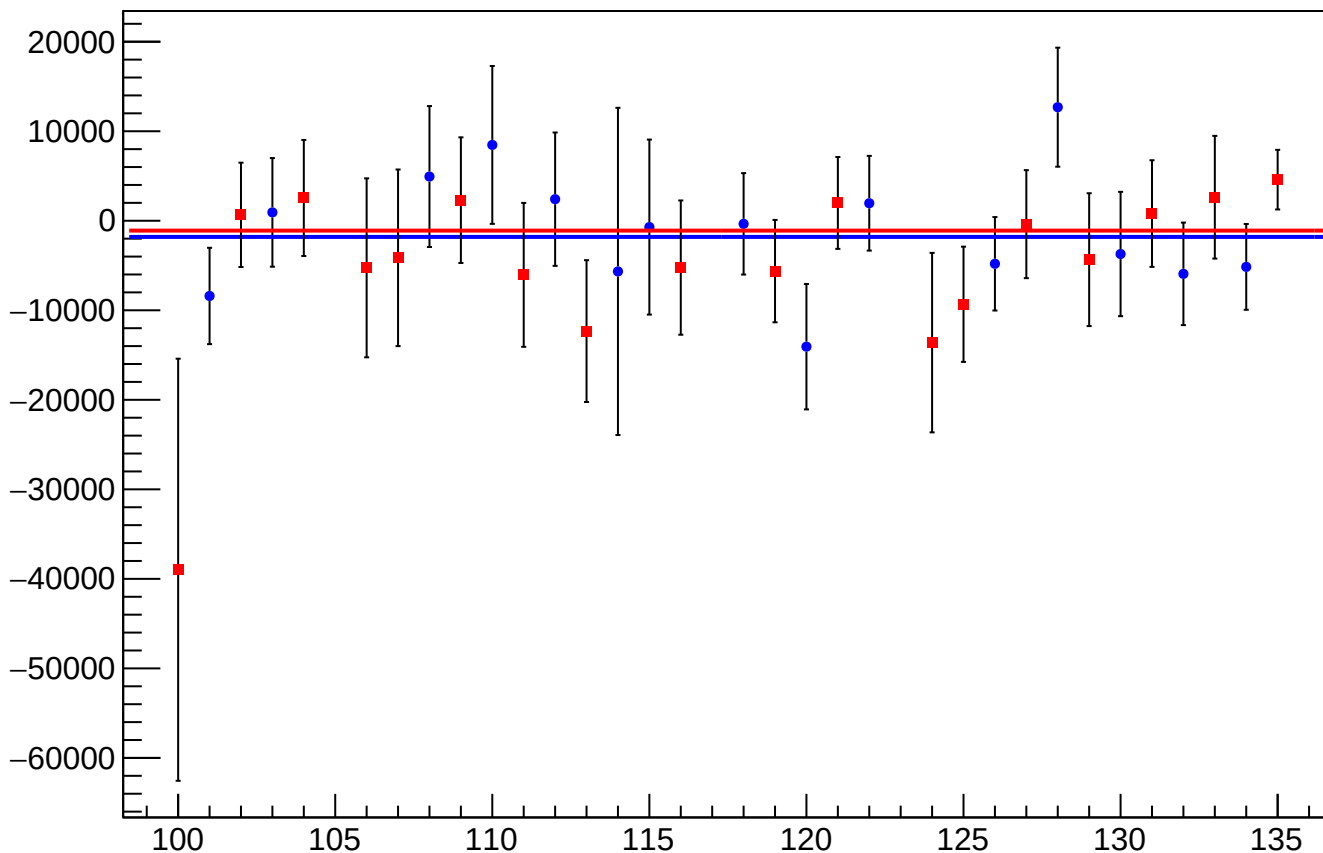
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 324.102 $\pm$ 0.064 χ^2/NDF : 1167059.6/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_mean vs Slug



Right In: -1804.459 ± 1658.370 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1098.503 ± 1520.015 χ^2/NDF : 13.9/17

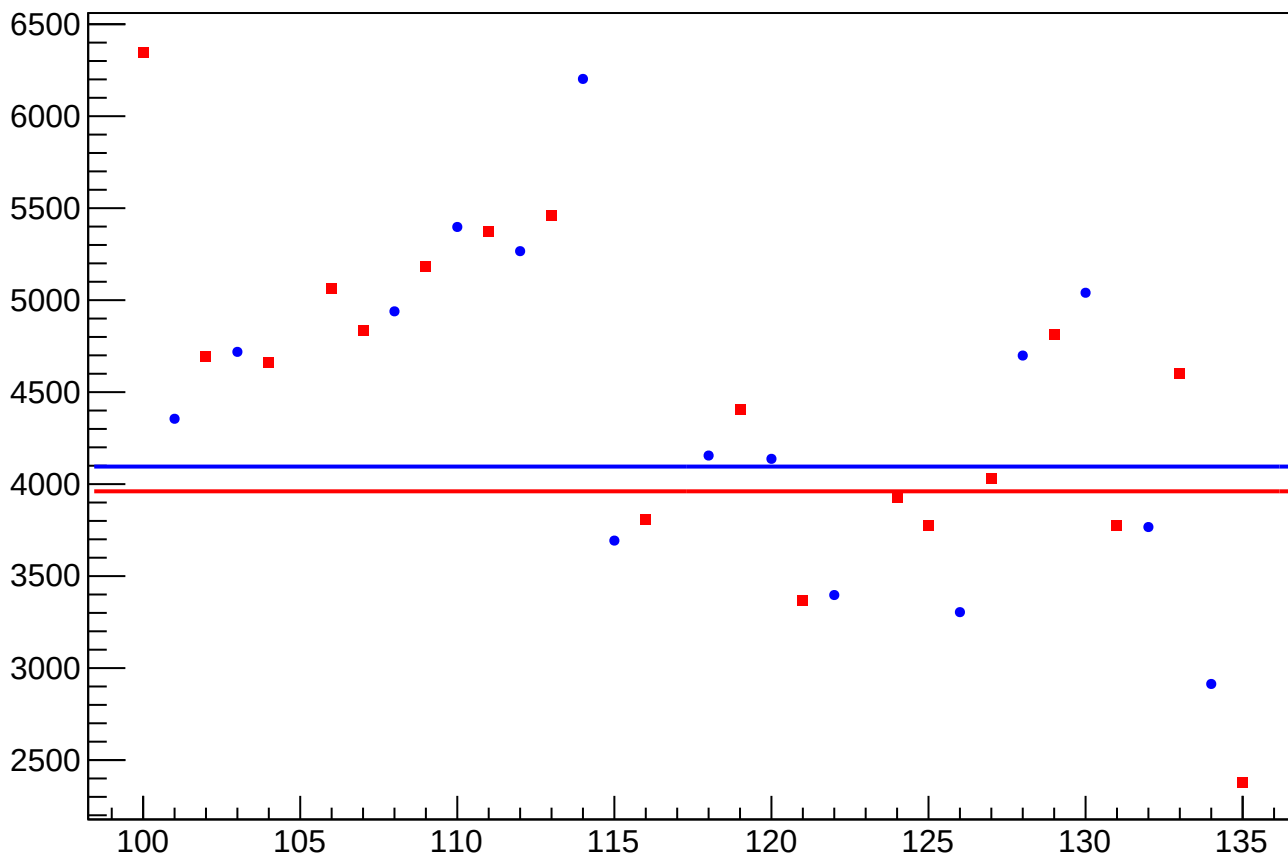
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1420.809 ± 1120.538 χ^2/NDF : 28.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_cor_correction_rms vs Slug



Right In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

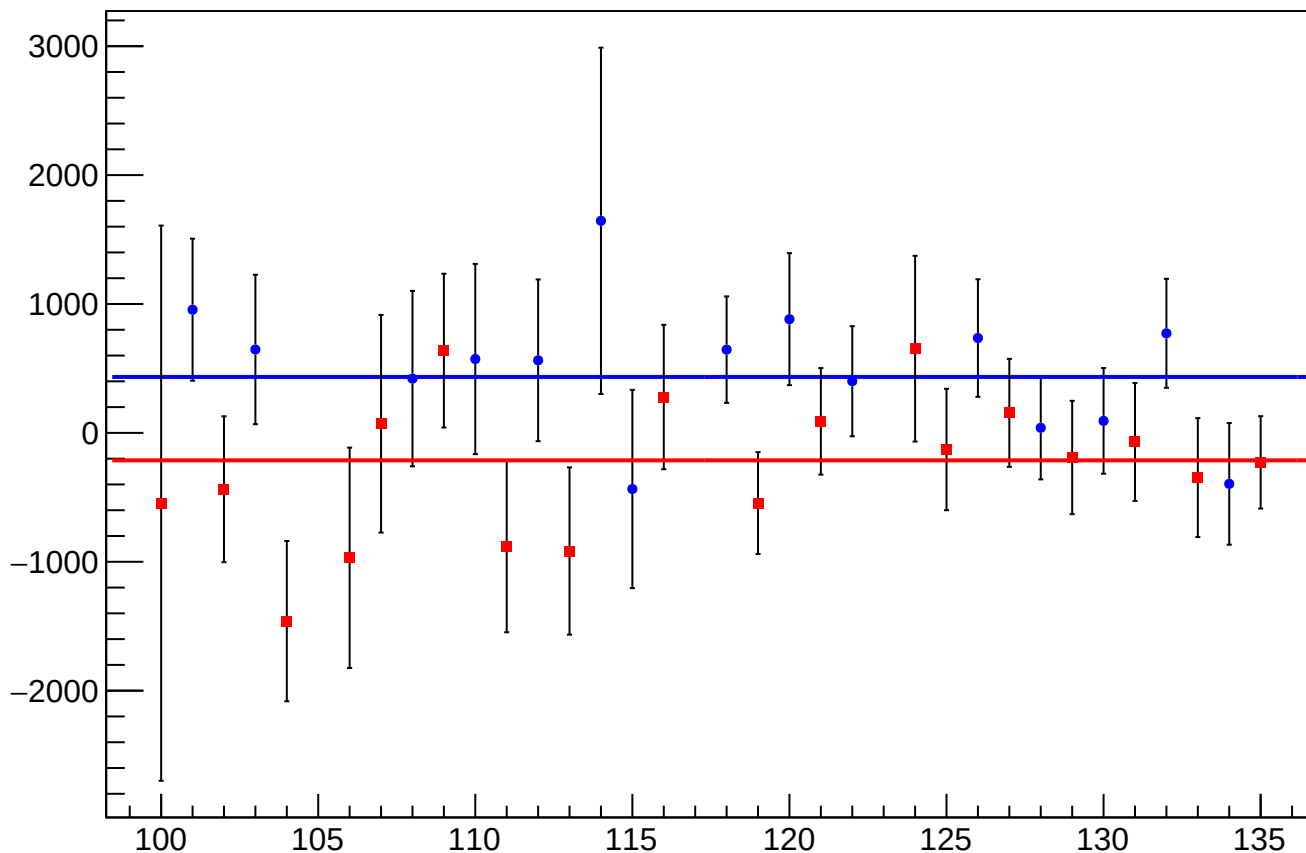
Right Out: 3960.895+/-1.075 χ^2/NDF : 848146.9/17

All: 4022.318+/-0.792 χ^2/NDF : 1289954.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_mean vs Slug



Right In: 434.128+/-132.112 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.271+/-122.940 χ^2/NDF : 13.8/17

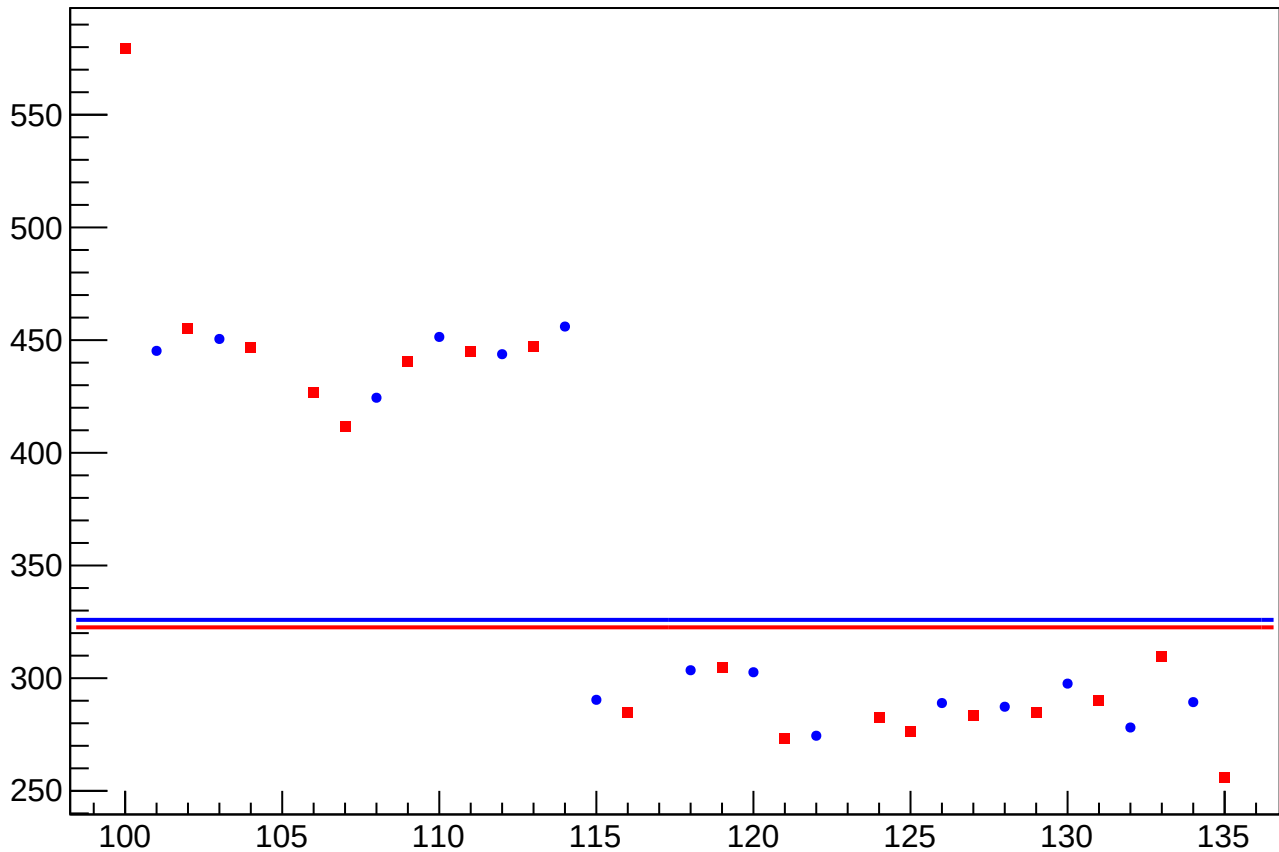
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.177+/-90.000 χ^2/NDF : 36.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam2_rms vs Slug



Right In: 325.881+/-0.093 χ^2/NDF : 497363.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.561+/-0.087 χ^2/NDF : 669018.9/17

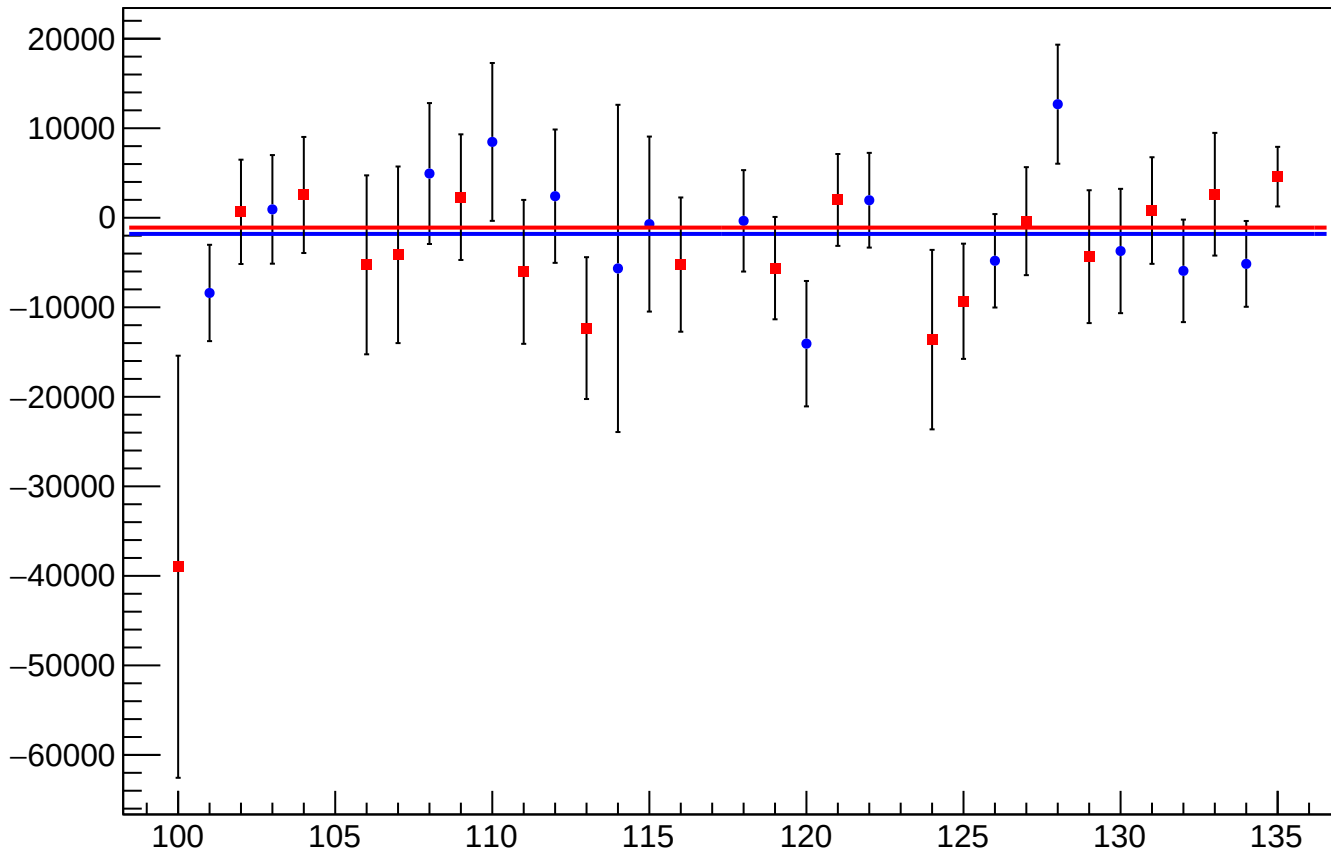
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 324.102+/-0.064 χ^2/NDF : 1167059.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_cor_correction_mean vs Slug



Right In: -1804.459+/-1658.370 χ^2 /NDF: 14.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1098.503+/-1520.015 χ^2 /NDF: 13.9/17

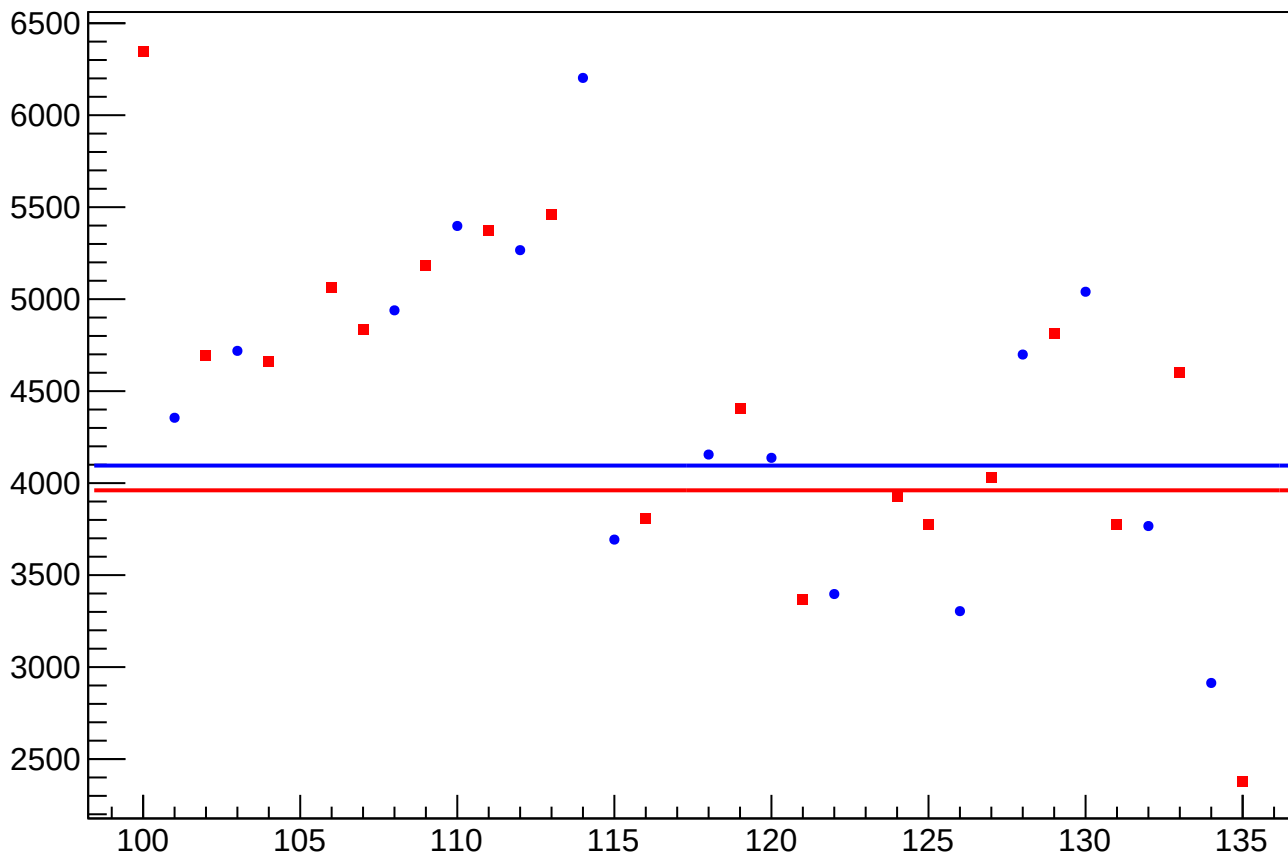
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1420.809+/-1120.538 χ^2 /NDF: 28.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_correction_rms vs Slug



Right In: 4095.433+/-1.173 χ^2/NDF : 434653.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3960.895+/-1.075 χ^2/NDF : 848146.9/17

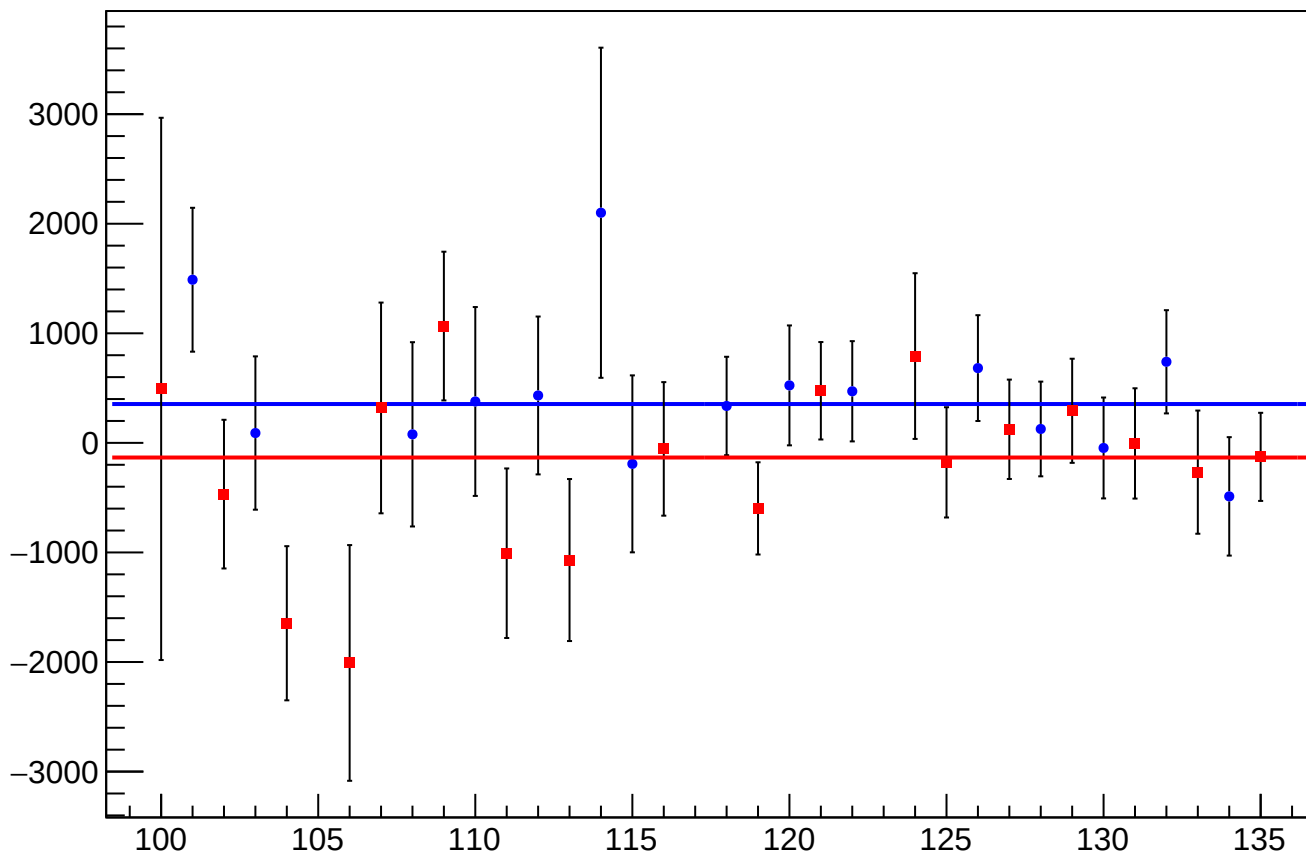
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4022.318+/-0.792 χ^2/NDF : 1289954.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam2_mean vs Slug



Right In: 354.456 $\pm$ 146.821 χ^2 /NDF: 9.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -133.628 $\pm$ 136.512 χ^2 /NDF: 20.1/17

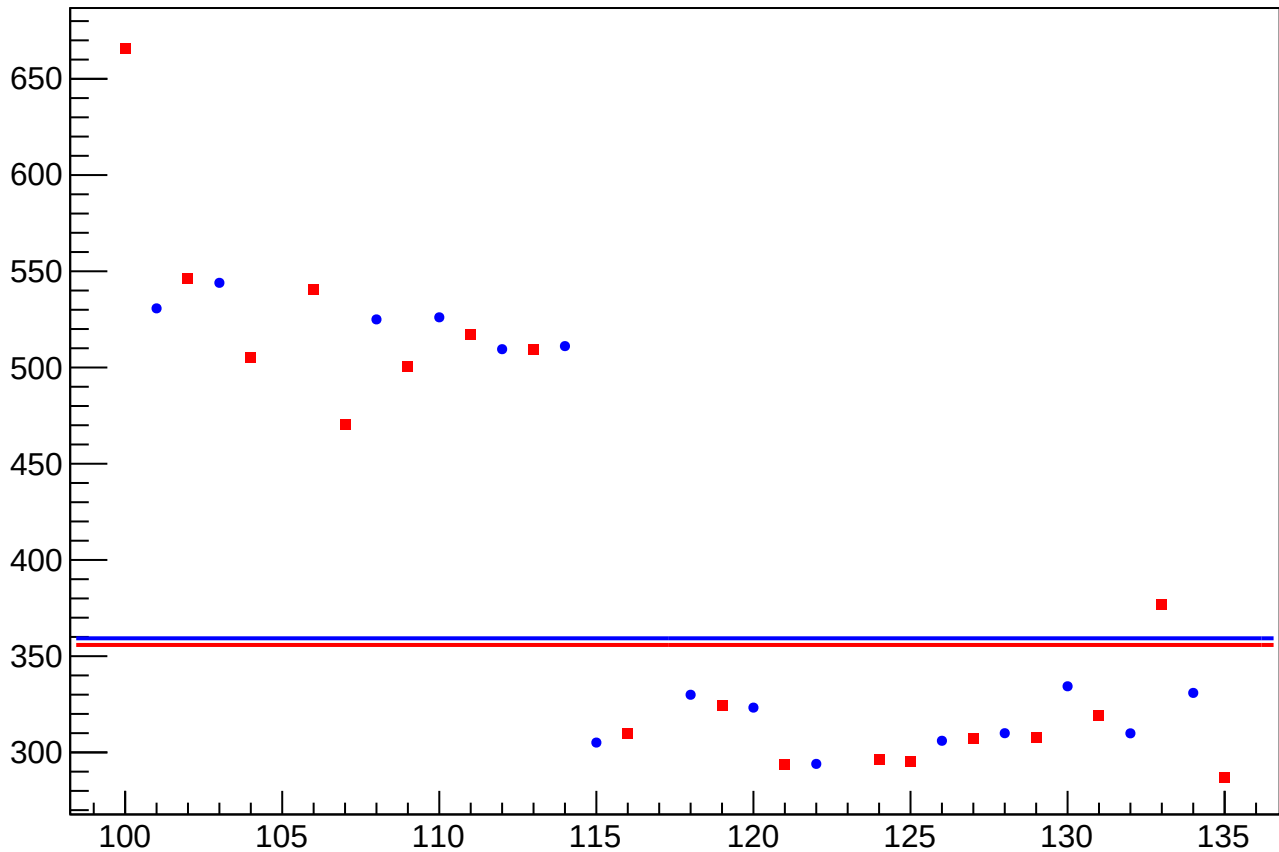
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.680 $\pm$ 99.975 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam2_rms vs Slug



Right In: 359.288 $\pm$ 0.104 χ^2 /NDF: 686218.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 355.831 $\pm$ 0.097 χ^2 /NDF: 848433.1/17

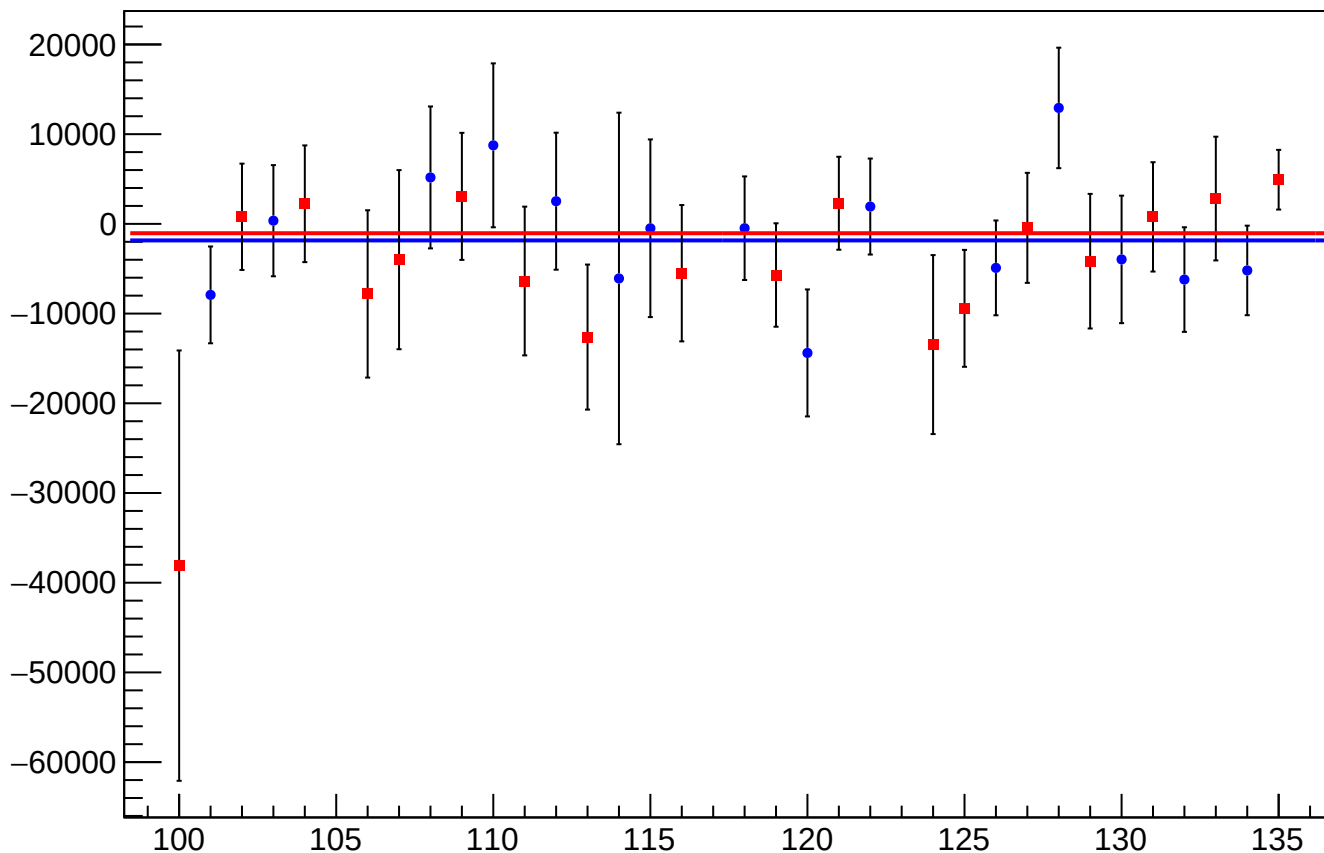
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 357.434 $\pm$ 0.071 χ^2 /NDF: 1535246.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_mean vs Slug



Right In: -1844.153+/-1688.297 χ^2 /NDF: 13.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1041.695+/-1532.002 χ^2 /NDF: 14.6/17

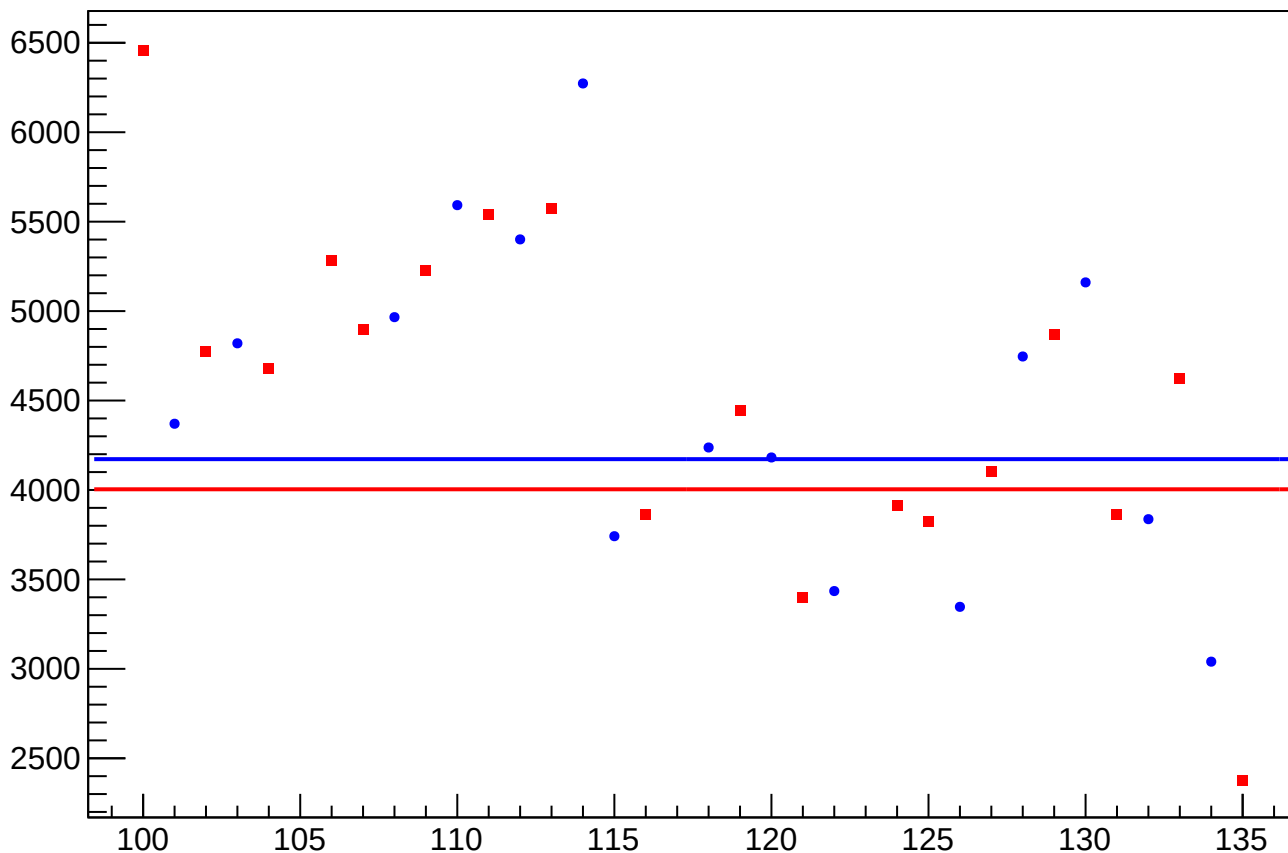
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1404.069+/-1134.531 χ^2 /NDF: 28.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_correction_rms vs Slug



Right In: 4172.314+/-1.194 χ^2/NDF : 424236.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

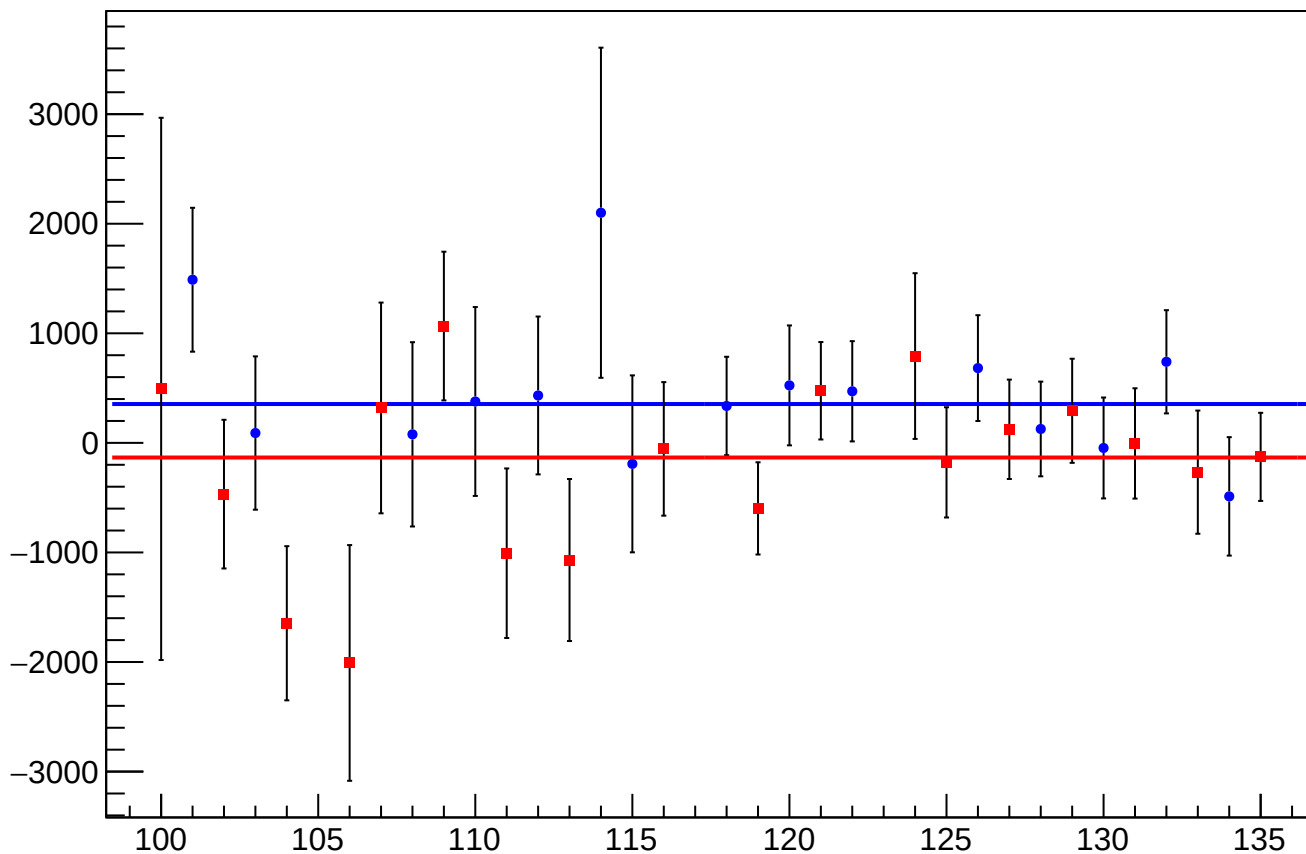
Right Out: 4003.811+/-1.083 χ^2/NDF : 897956.9/17

All: 4079.903+/-0.802 χ^2/NDF : 1333119.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam2_mean vs Slug



Right In: 354.457 $\pm$ 146.819 χ^2 /NDF: 9.8/14

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

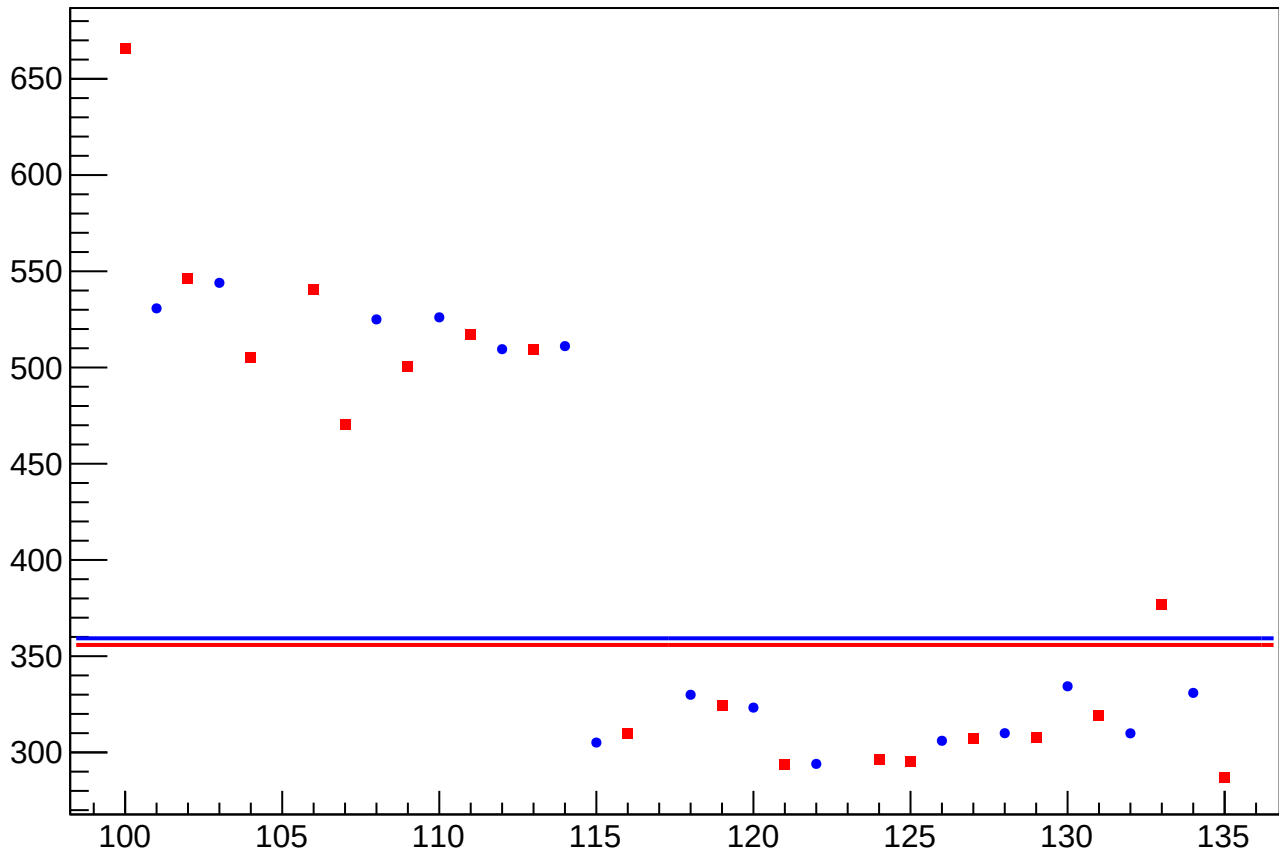
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.683 $\pm$ 99.974 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam2_rms vs Slug



Right In: 359.285 $\pm$ 0.104 χ^2 /NDF: 686216.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 355.829 $\pm$ 0.097 χ^2 /NDF: 848423.0/17

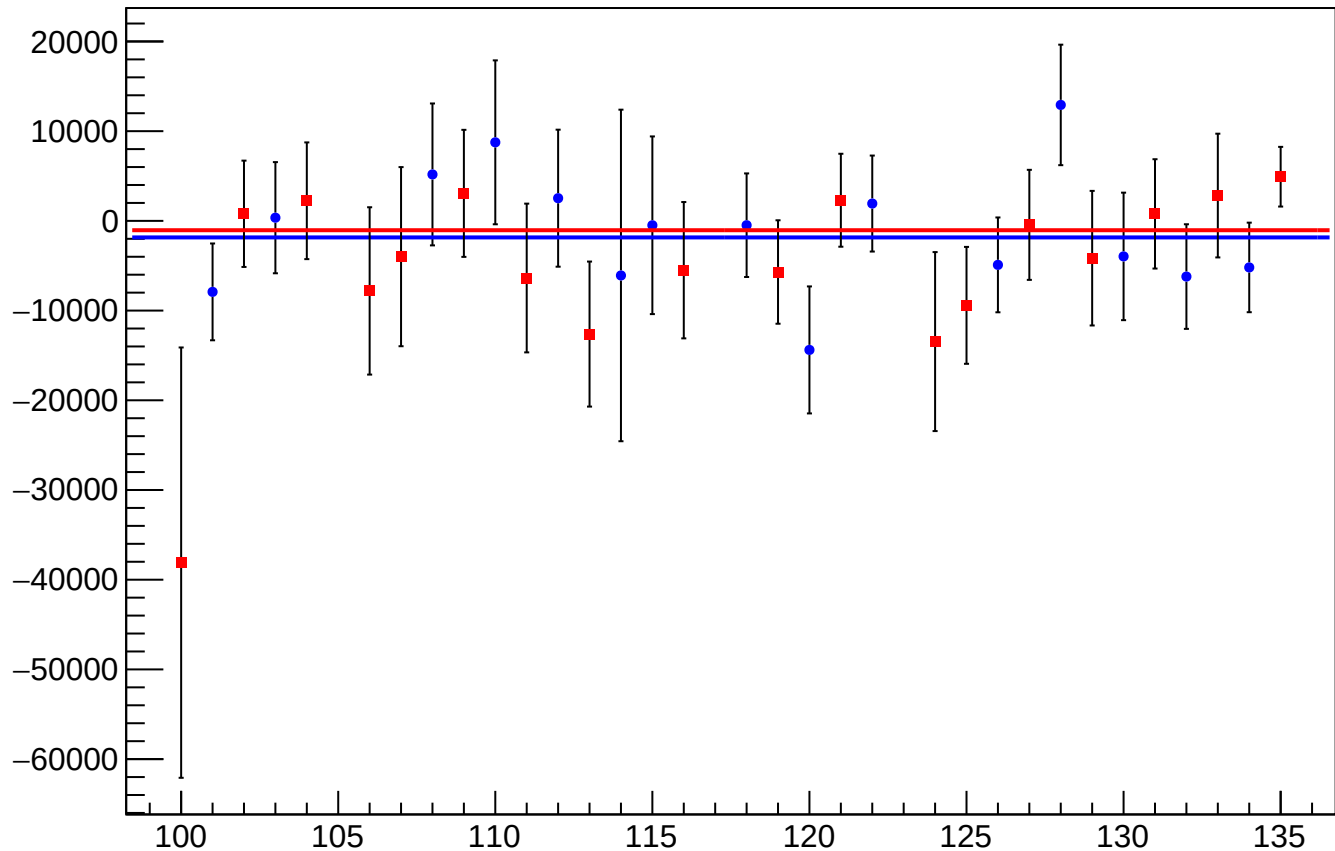
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 357.432 $\pm$ 0.071 χ^2 /NDF: 1535233.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_mean vs Slug



Right In: -1844.149+/-1688.294 χ^2 /NDF: 13.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

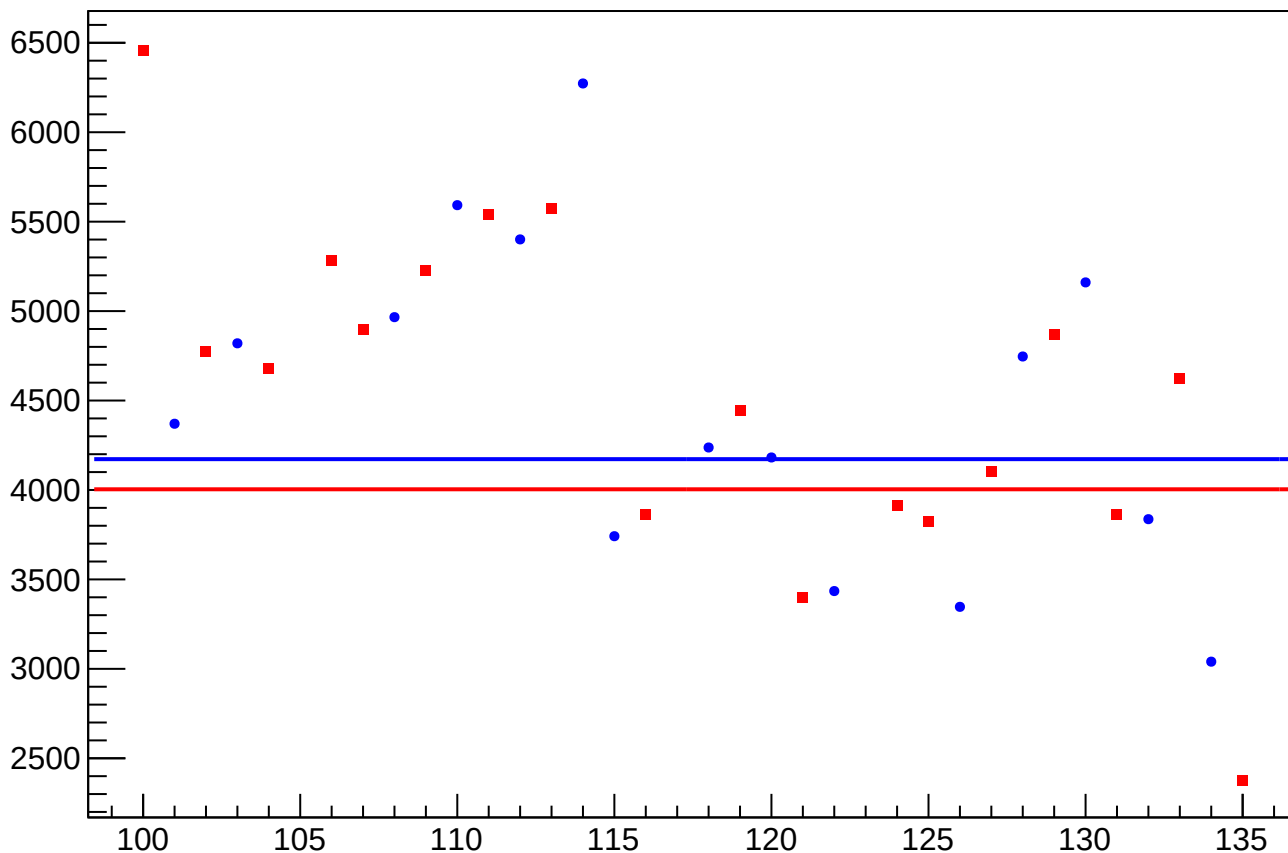
Right Out: -1041.697+/-1532.000 χ^2 /NDF: 14.6/17

All: -1404.068+/-1134.528 χ^2 /NDF: 28.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_correction_rms vs Slug



Right In: 4172.306+/-1.194 χ^2/NDF : 424227.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

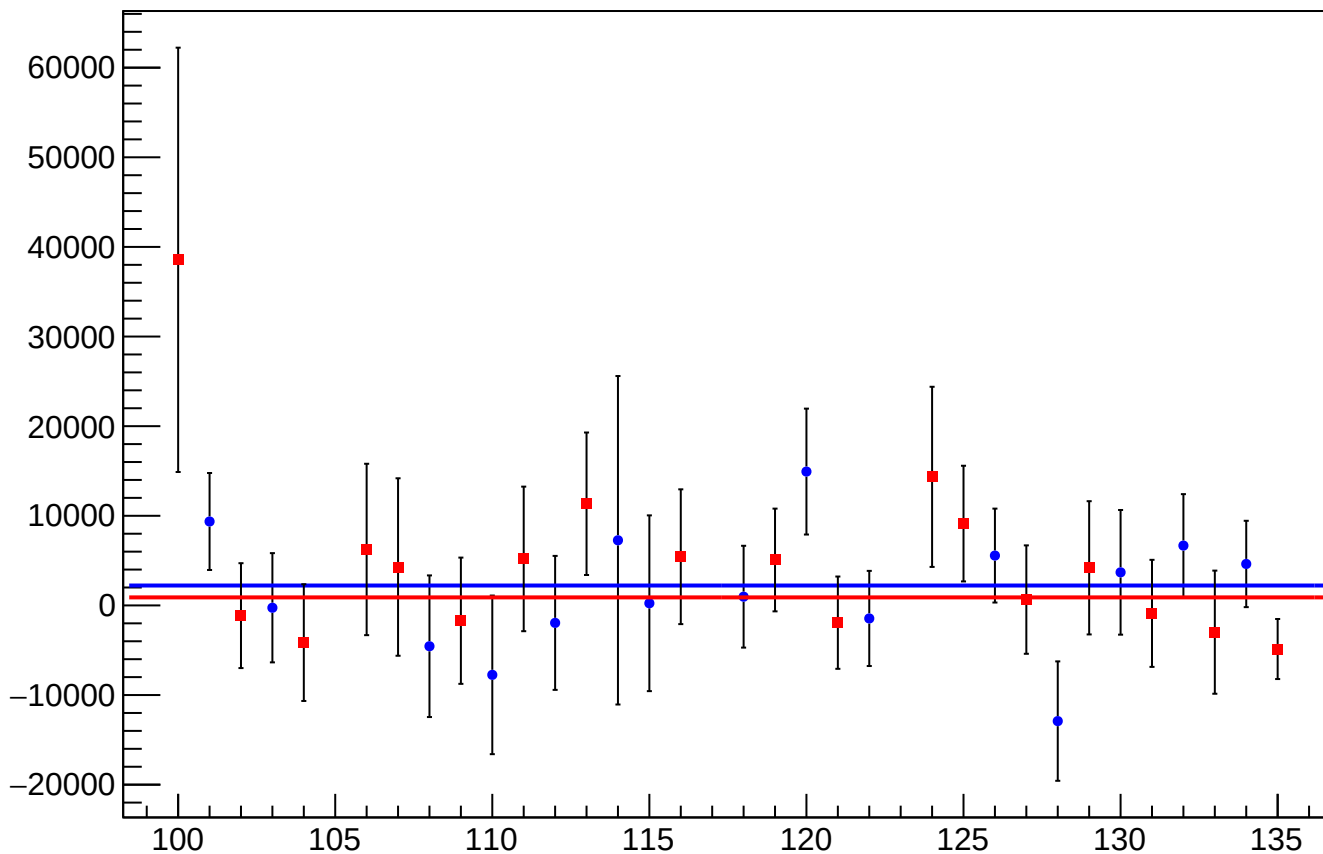
Right Out: 4003.805+/-1.083 χ^2/NDF : 897947.7/17

All: 4079.897+/-0.802 χ^2/NDF : 1333101.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_mean vs Slug



Right In: 2220.554+/-1664.395 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 896.015+/-1523.903 χ^2/NDF : 14.0/17

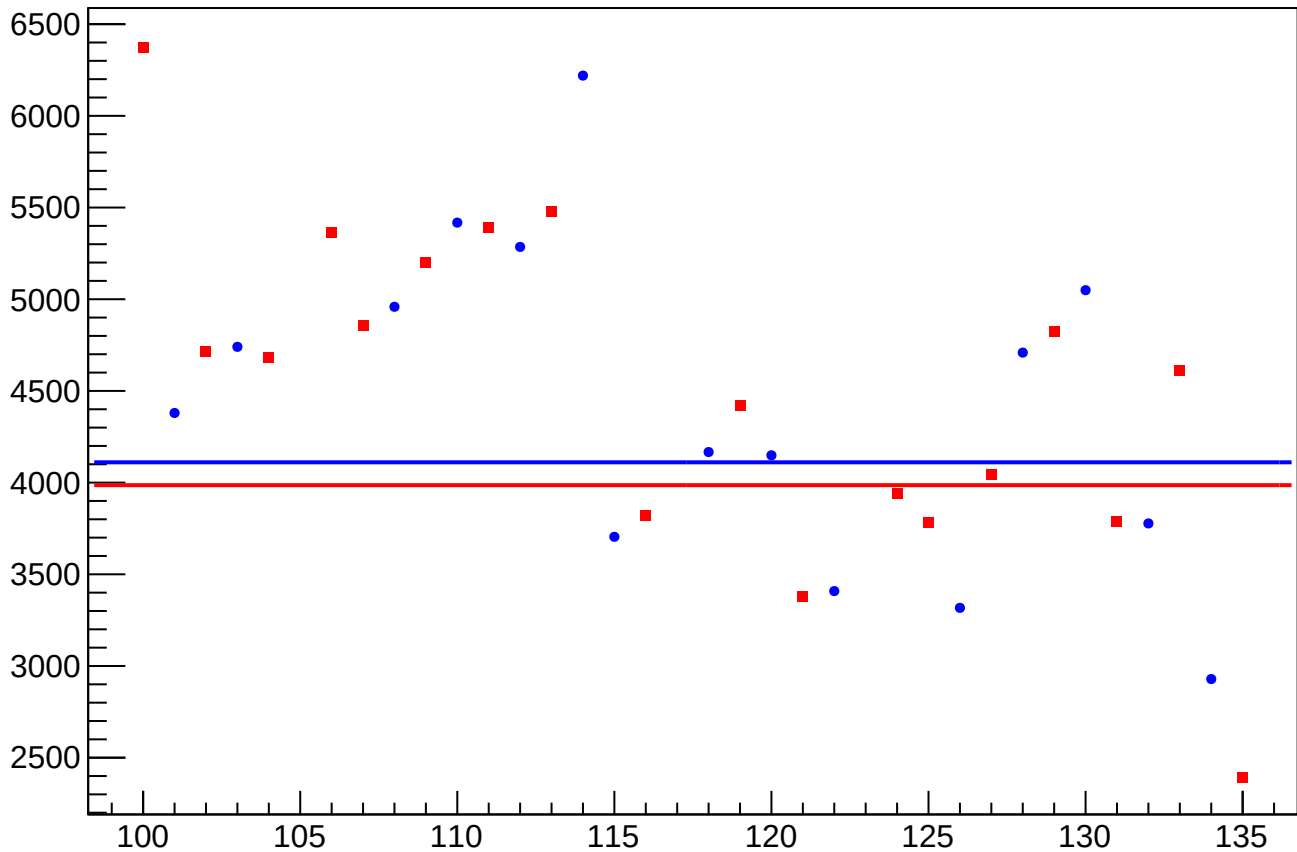
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1500.032+/-1123.954 χ^2/NDF : 29.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_rms vs Slug



Right In: 4110.699+/-1.177 χ^2/NDF : 433095.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

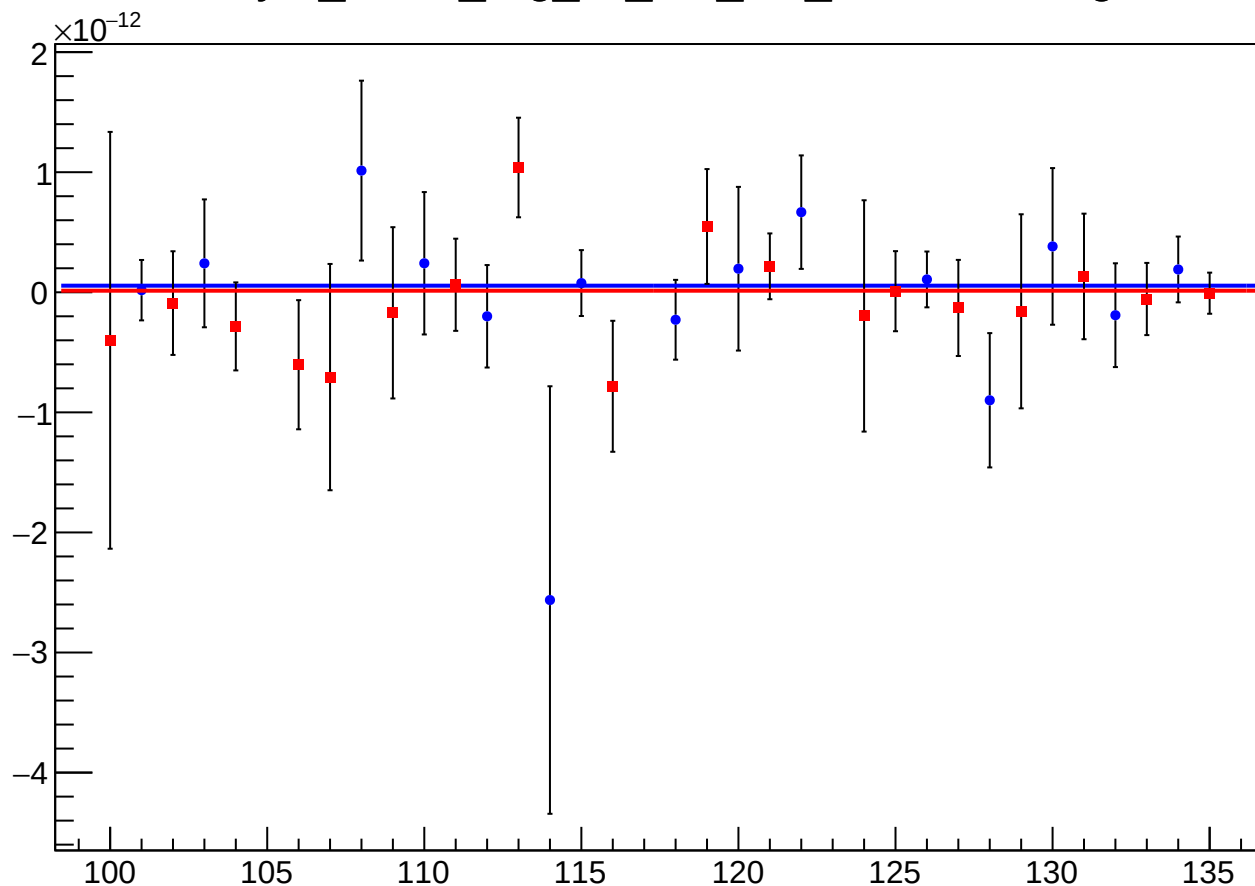
Right Out: 3986.165+/-1.078 χ^2/NDF : 860526.4/17

All: 4042.955+/-0.795 χ^2/NDF : 1299712.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 10.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 13.1/17

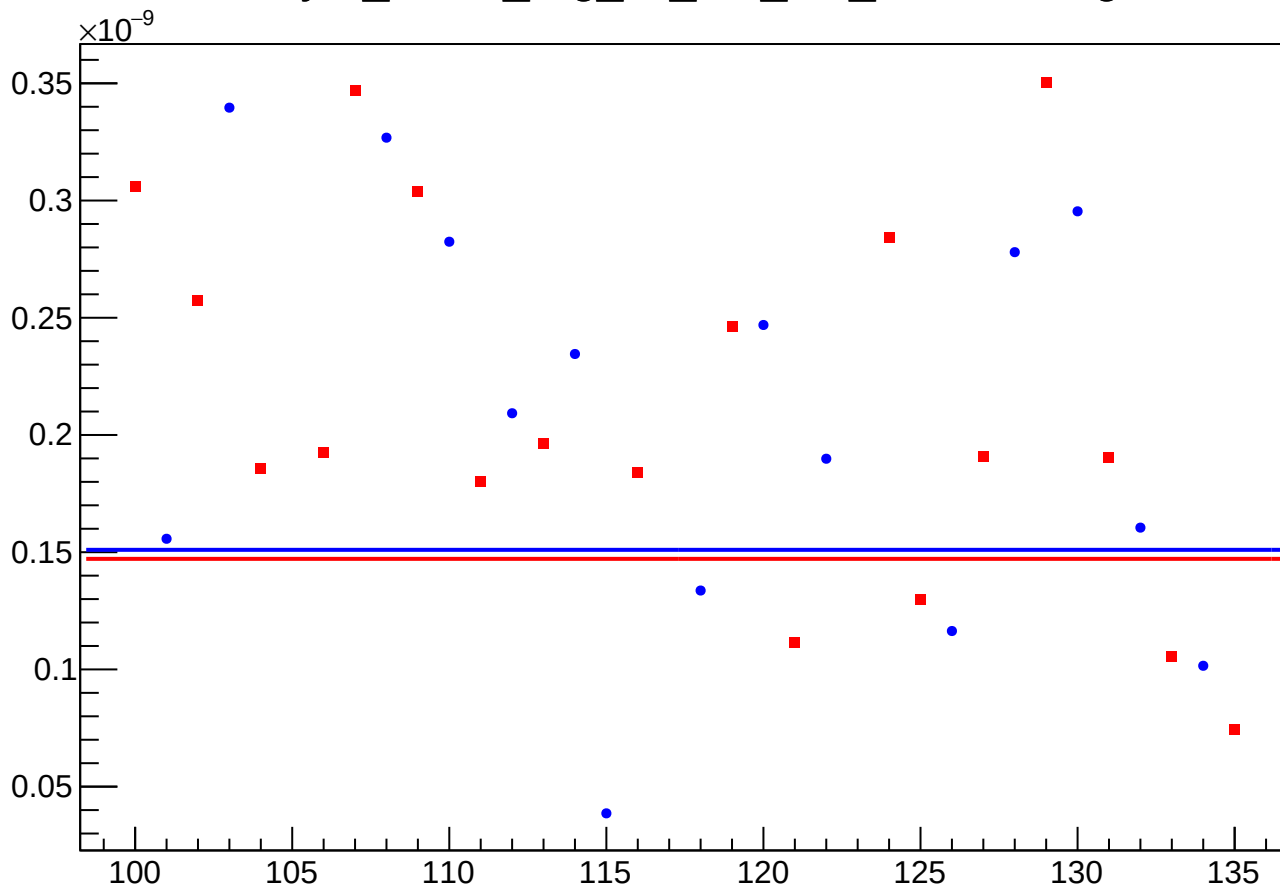
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 23.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam2_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1207534.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1151642.2/17

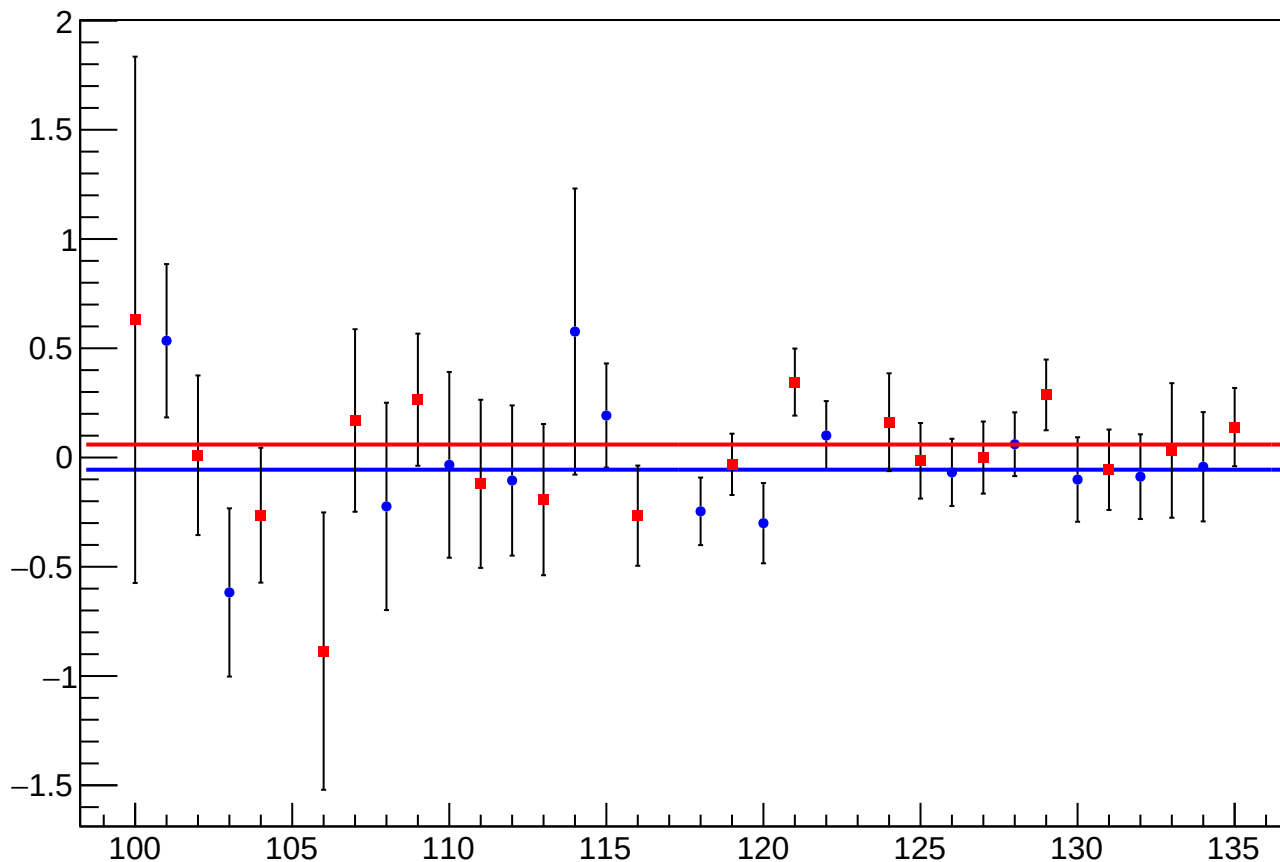
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 2360808.4/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_mean vs Slug



Right In: -0.056 $\pm$ 0.056 χ^2/NDF : 12.1/14

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

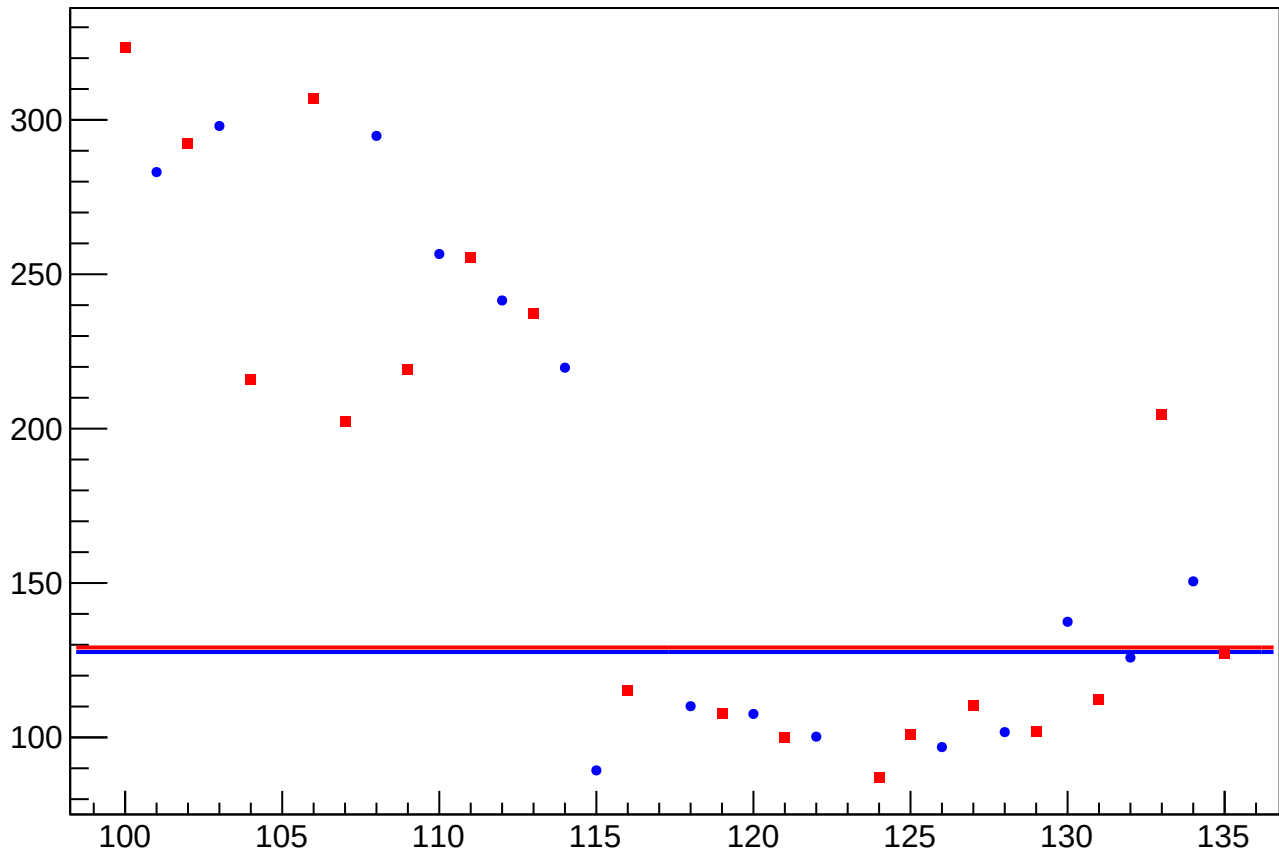
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.005 $\pm$ 0.038 χ^2/NDF : 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_cor_diff_rms vs Slug



Right In: 127.649 $\pm$ 0.039 χ^2 /NDF: 1802478.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.129 $\pm$ 0.037 χ^2 /NDF: 1886373.2/17

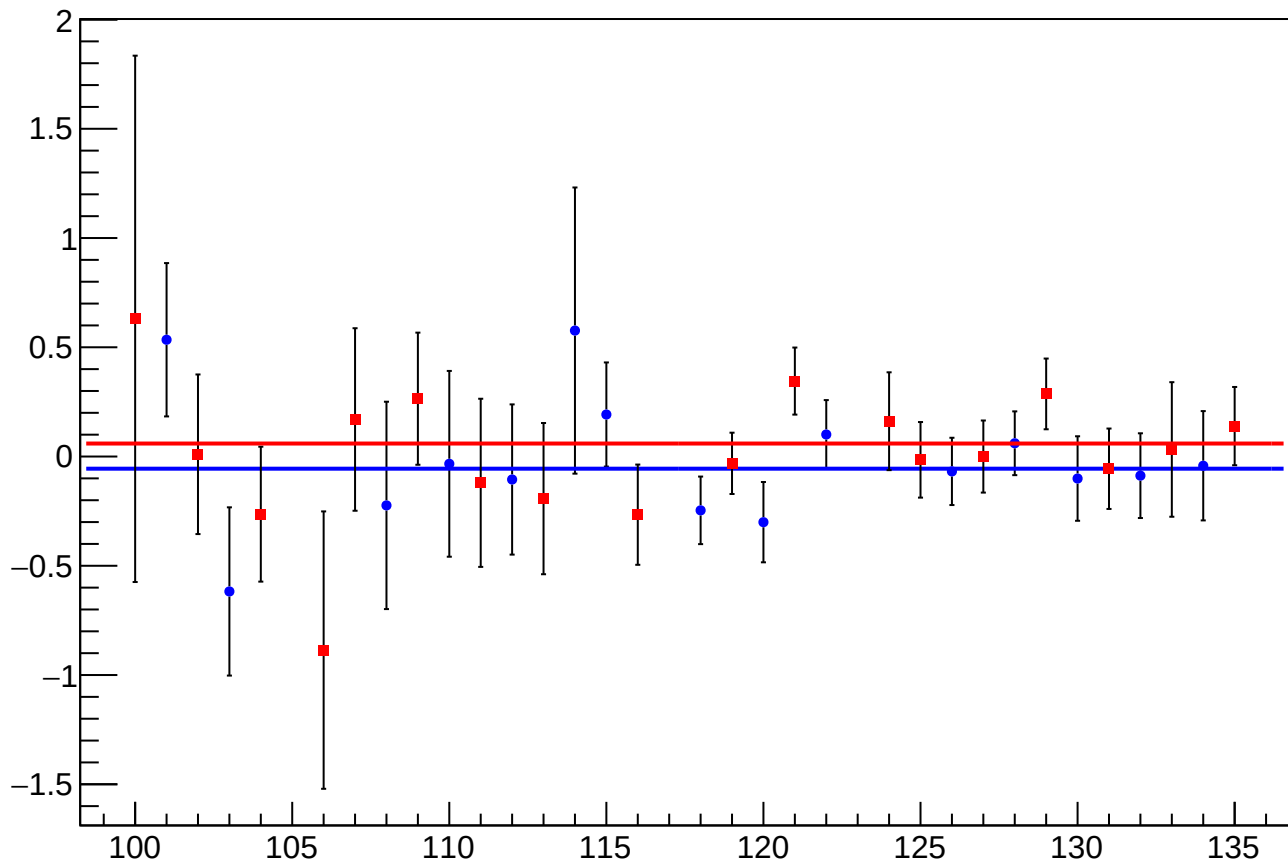
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.434 $\pm$ 0.027 χ^2 /NDF: 3689602.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.056 $\pm$ 0.056 χ^2/NDF : 12.1/14

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

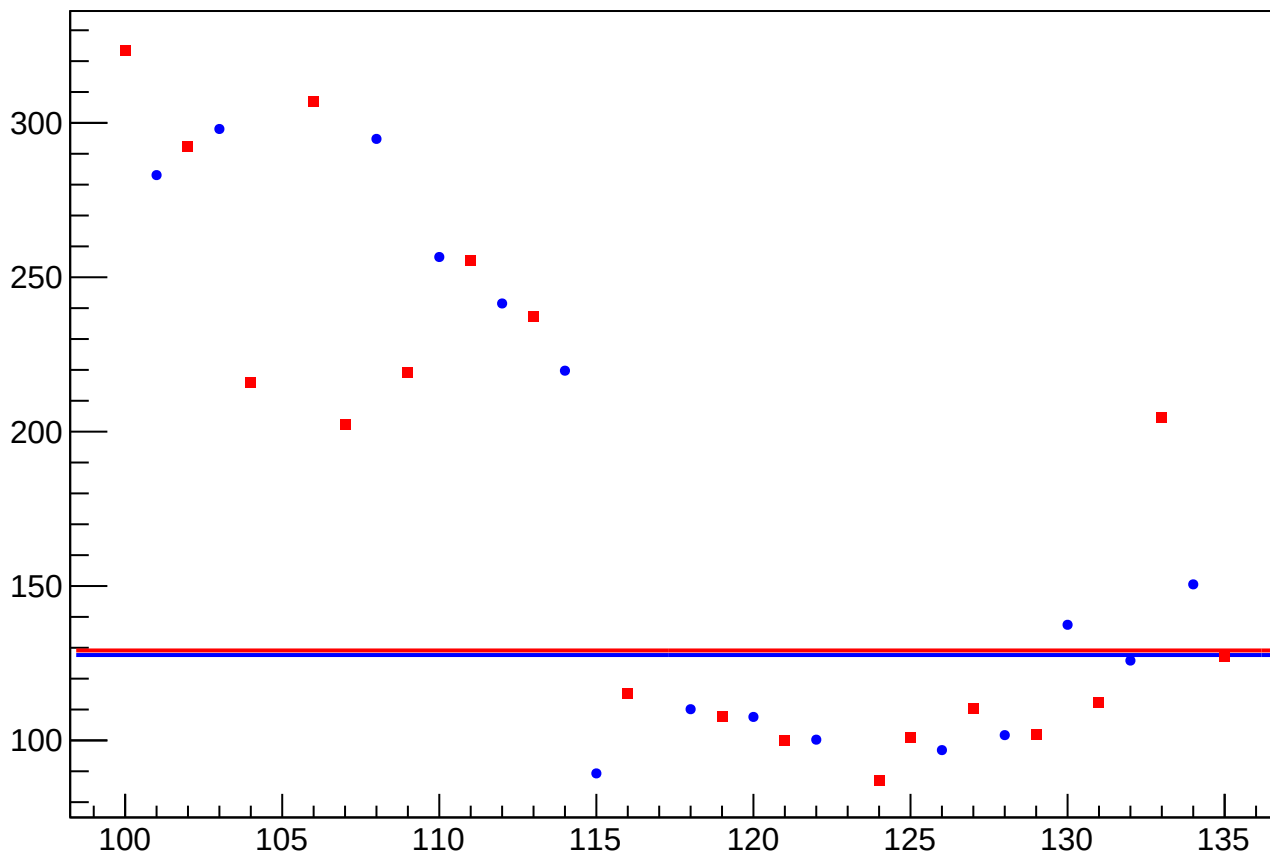
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.005 $\pm$ 0.038 χ^2/NDF : 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.649 $\pm$ 0.039 χ^2 /NDF: 1802478.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

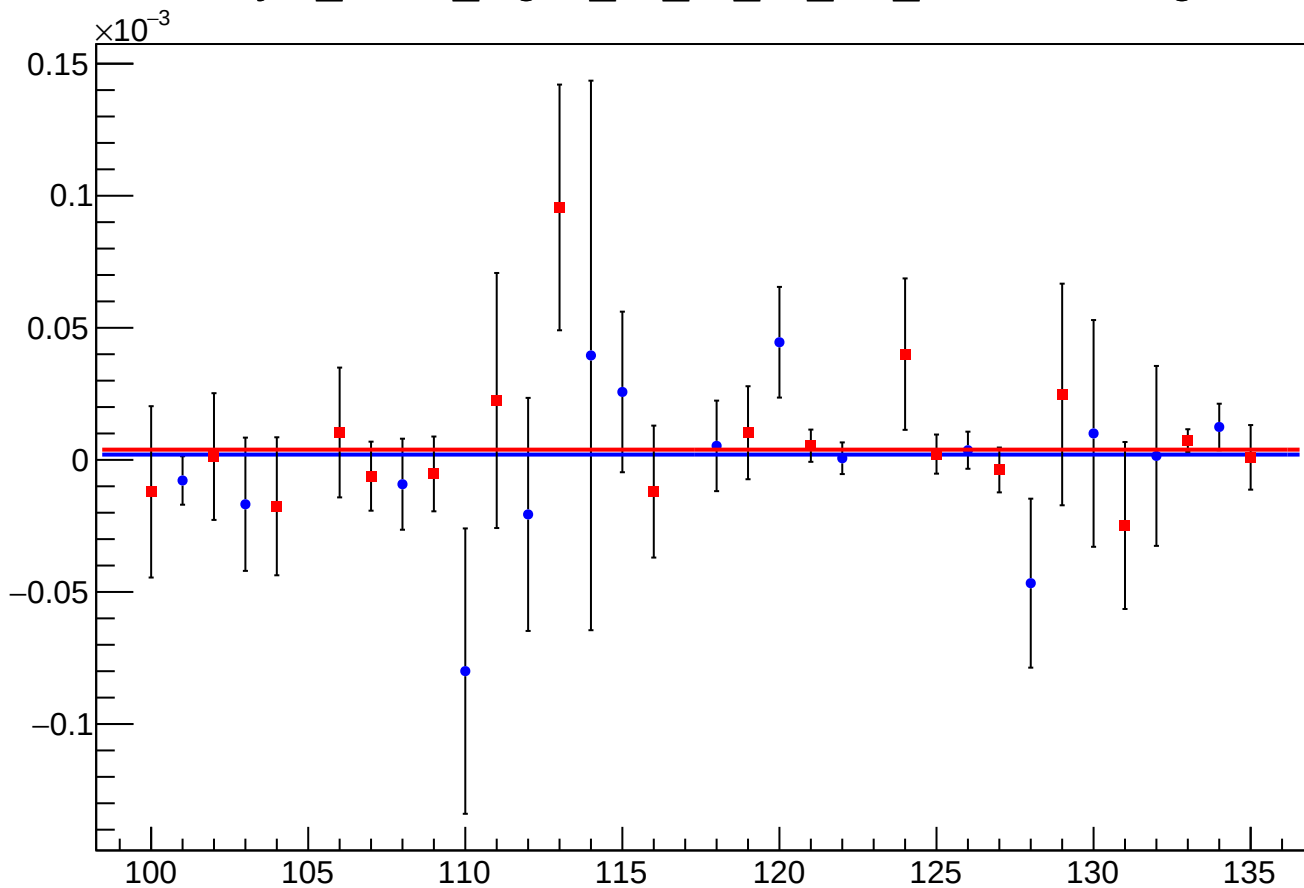
Right Out: 129.129 $\pm$ 0.037 χ^2 /NDF: 1886373.2/17

All: 128.434 $\pm$ 0.027 χ^2 /NDF: 3689602.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/17

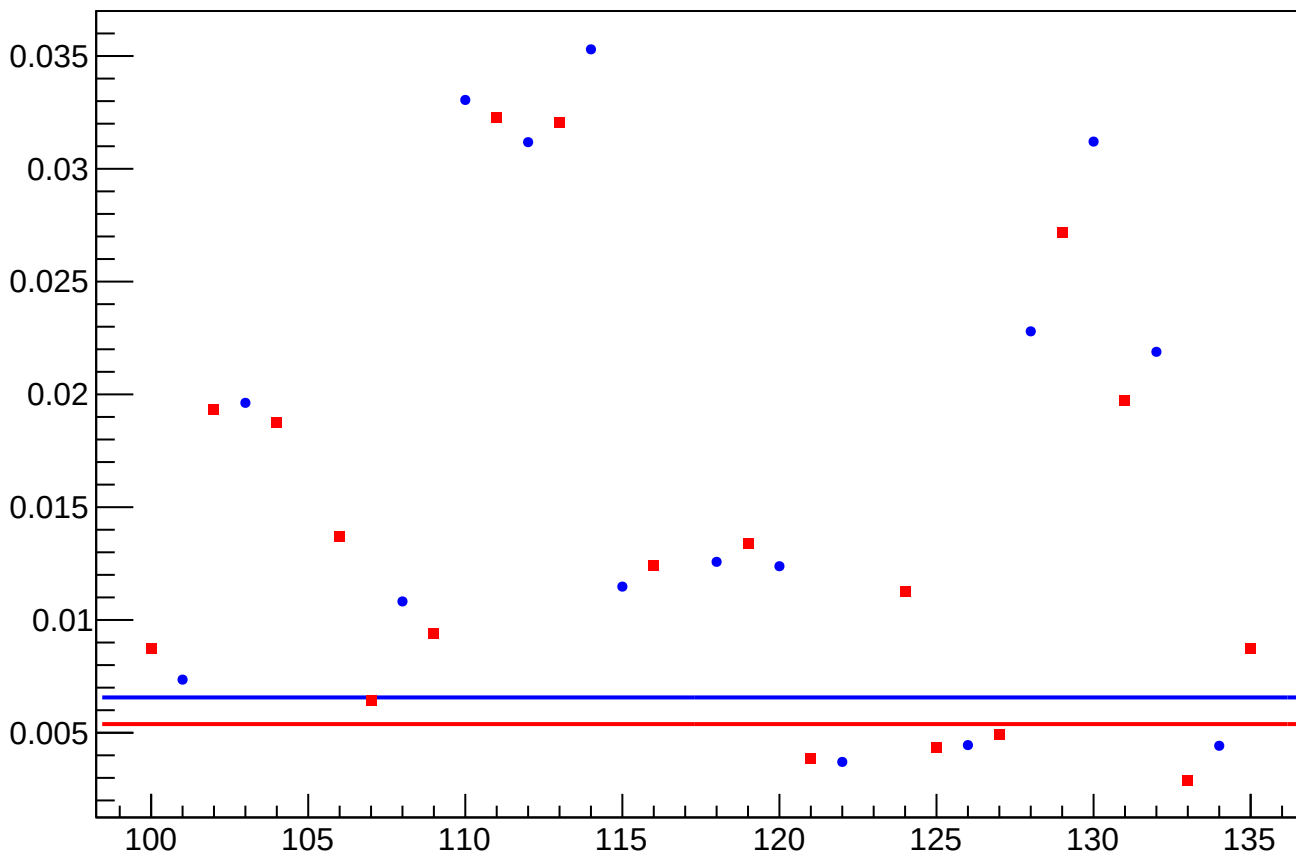
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.007+/-0.000 χ^2/NDF : 4714257.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.005+/-0.000 χ^2/NDF : 5520548.9/17

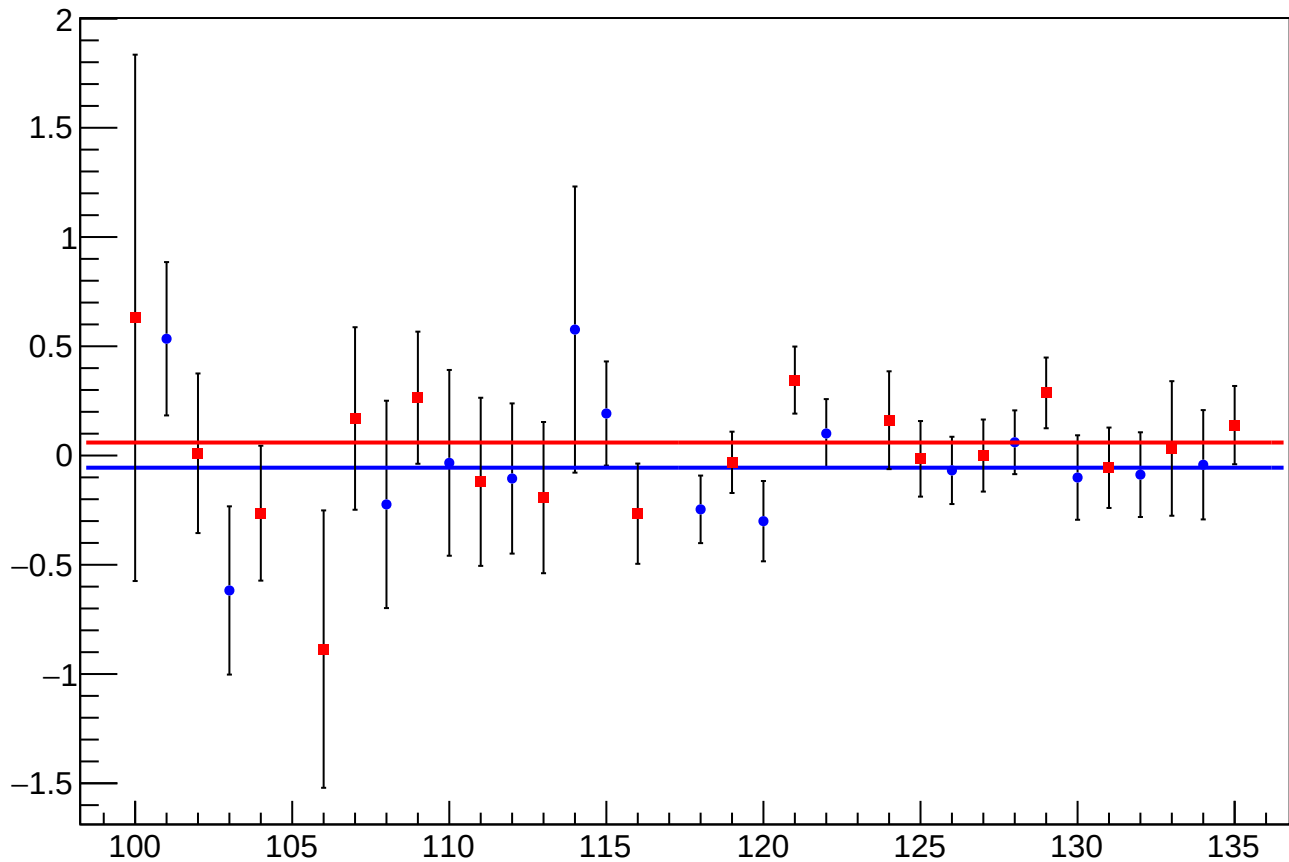
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.006+/-0.000 χ^2/NDF : 10388063.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.056 $\pm$ 0.056 χ^2/NDF : 12.1/14

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

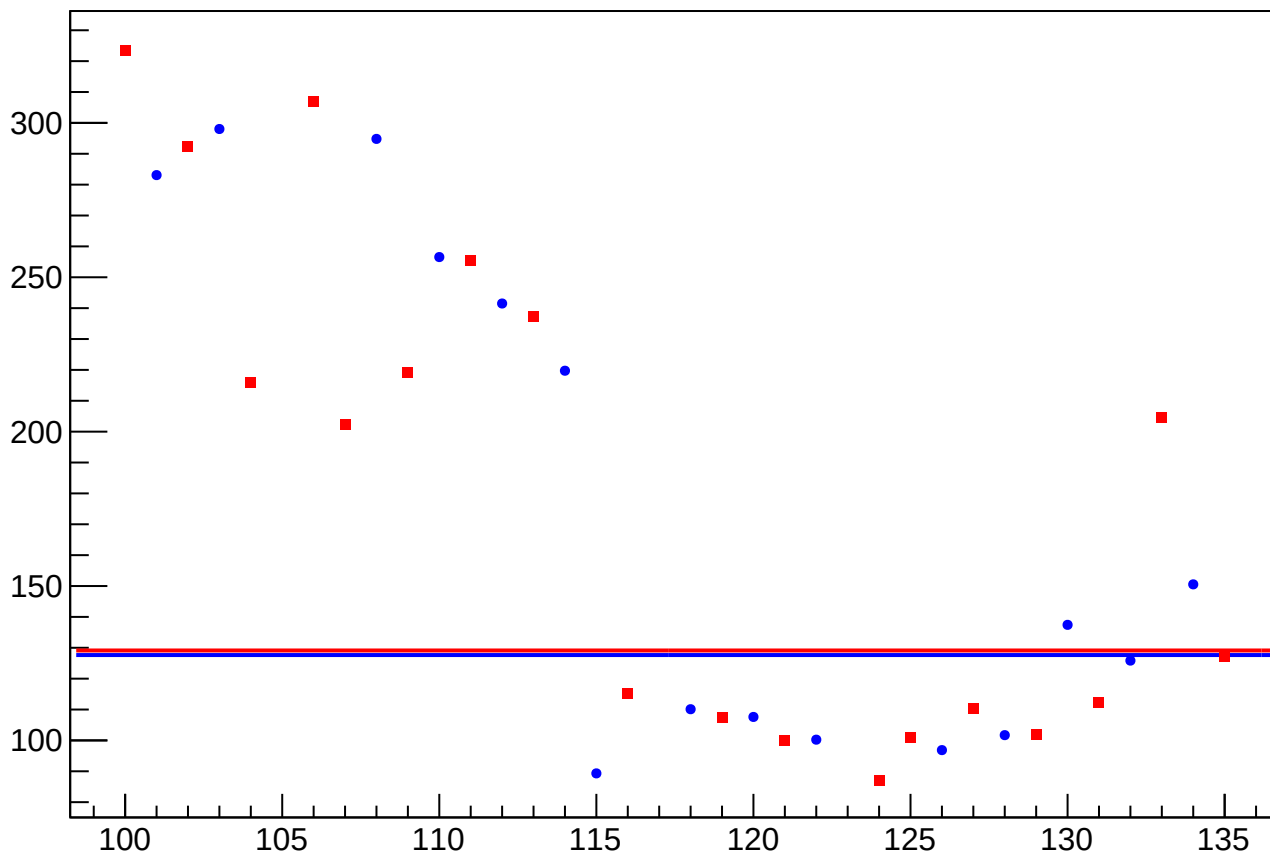
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.005 $\pm$ 0.038 χ^2/NDF : 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam2_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 127.646 $\pm$ 0.039 χ^2 /NDF: 1802423.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

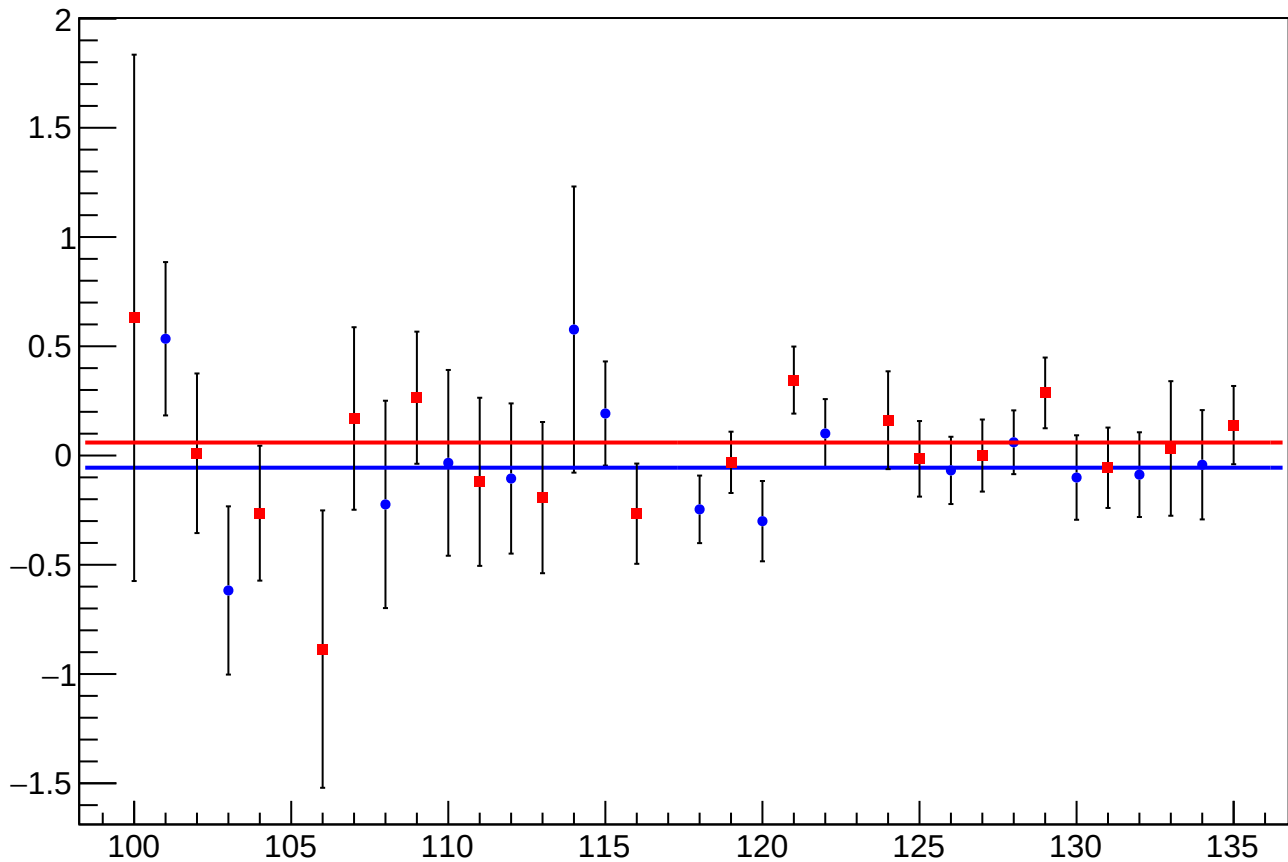
Right Out: 129.126 $\pm$ 0.037 χ^2 /NDF: 1886373.3/17

All: 128.430 $\pm$ 0.027 χ^2 /NDF: 3689548.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.056+/-0.056 χ^2 /NDF: 12.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.059+/-0.052 χ^2 /NDF: 13.8/17

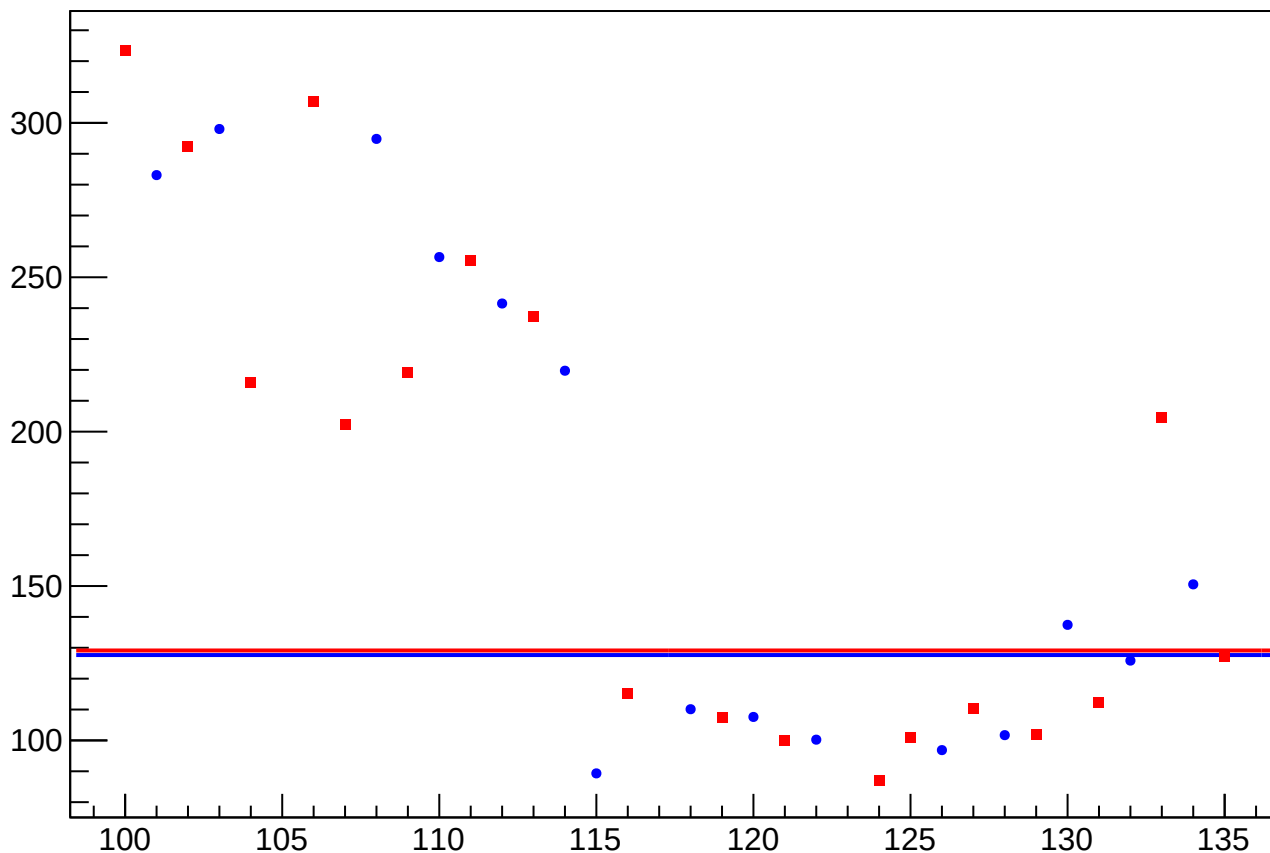
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.005+/-0.038 χ^2 /NDF: 28.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 127.646 $\pm$ 0.039 χ^2 /NDF: 1802423.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.126 $\pm$ 0.037 χ^2 /NDF: 1886373.3/17

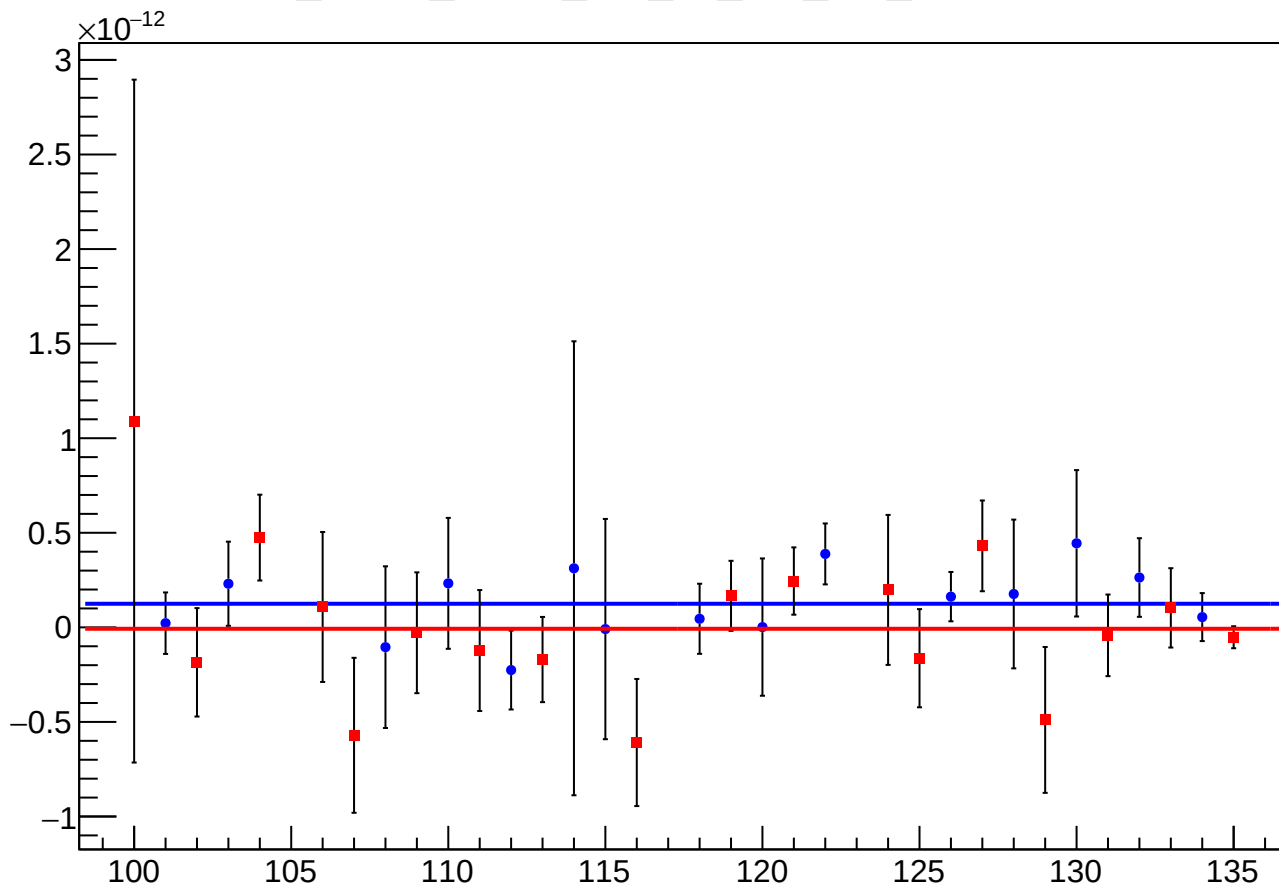
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 128.430 $\pm$ 0.027 χ^2 /NDF: 3689548.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 8.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 20.4/17

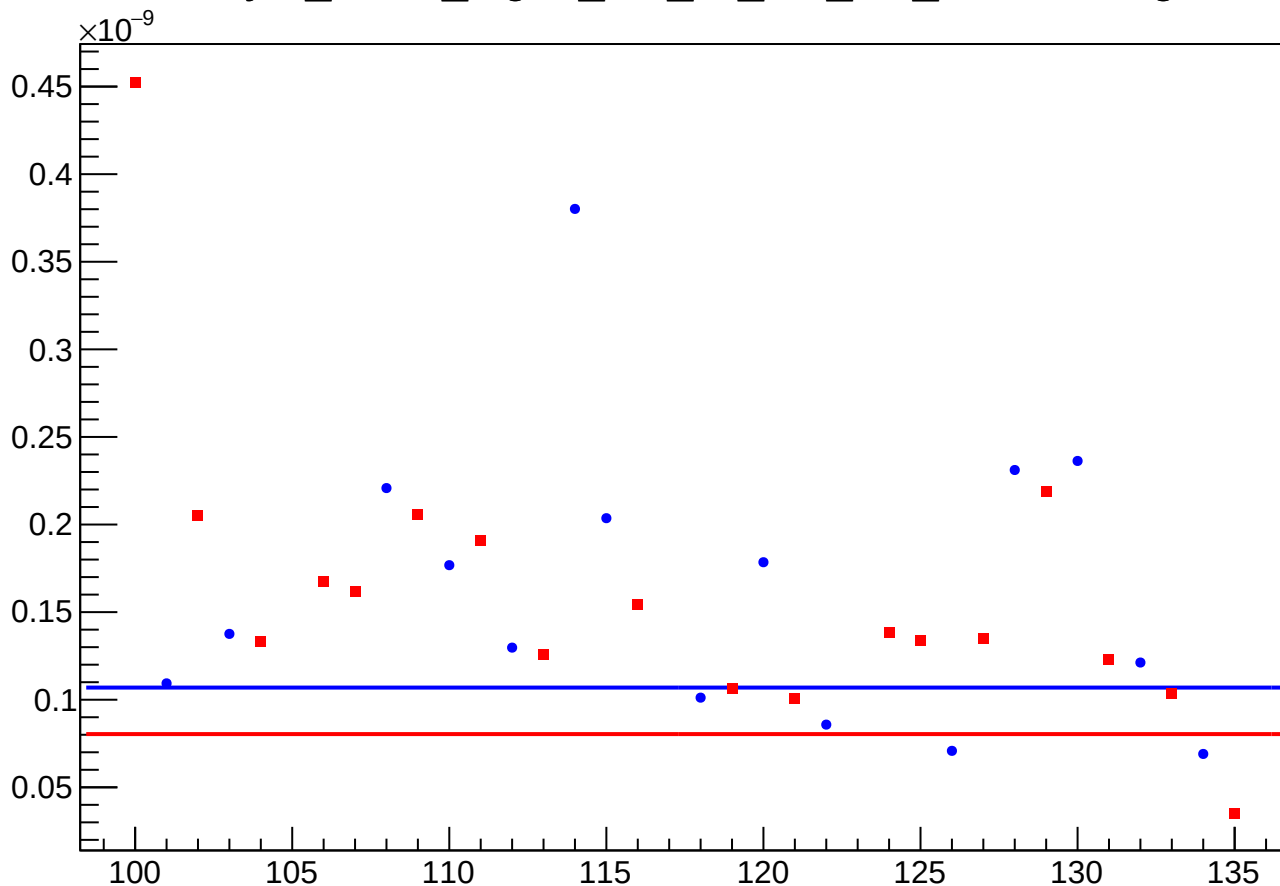
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 32.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam2_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1322773.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3355451.6/17

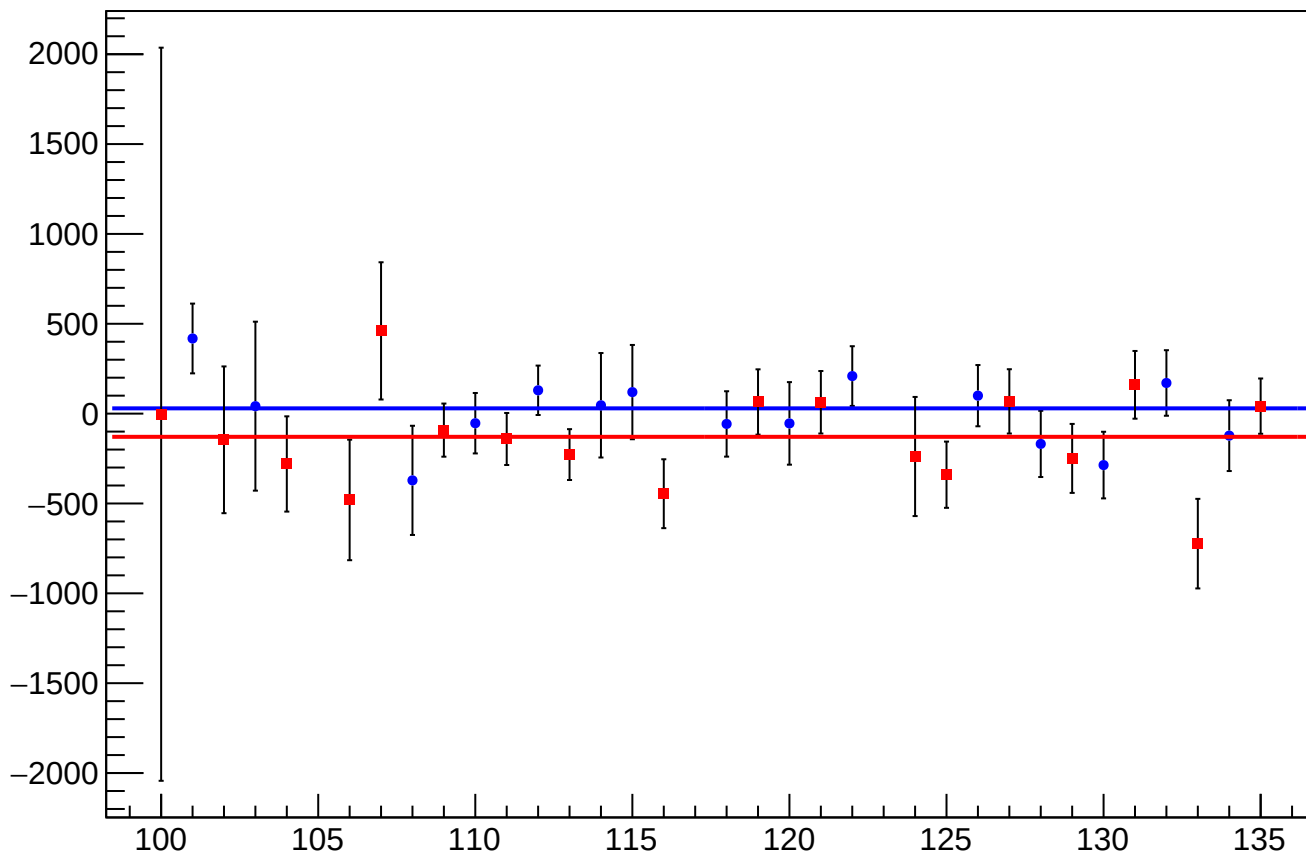
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4967195.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_mean vs Slug



Right In: 29.344+/-50.591 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -129.087+/-46.946 χ^2/NDF : 21.8/17

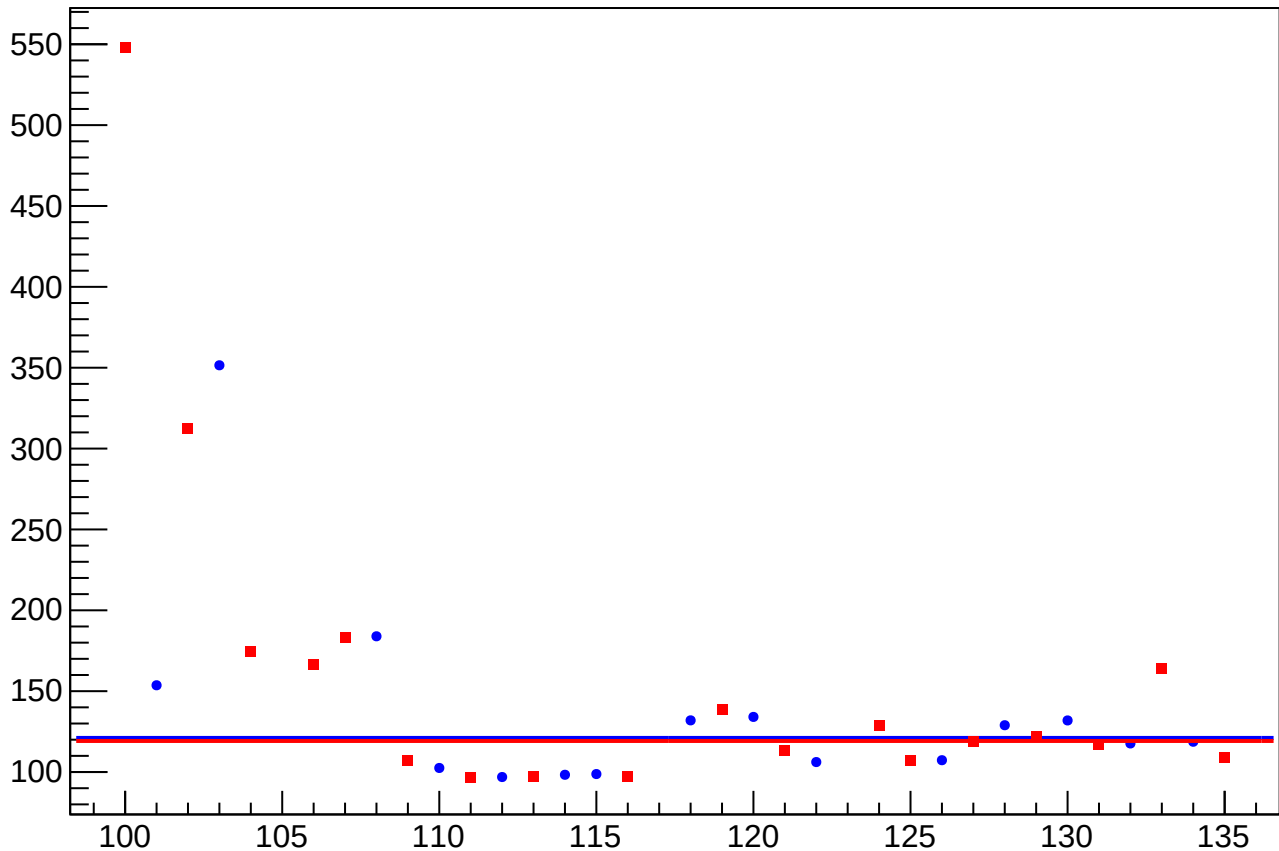
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.784+/-34.412 χ^2/NDF : 40.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_rms vs Slug



Right In: 121.091 $\pm$ 0.036 χ^2 /NDF: 789437.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.215 $\pm$ 0.033 χ^2 /NDF: 965006.2/17

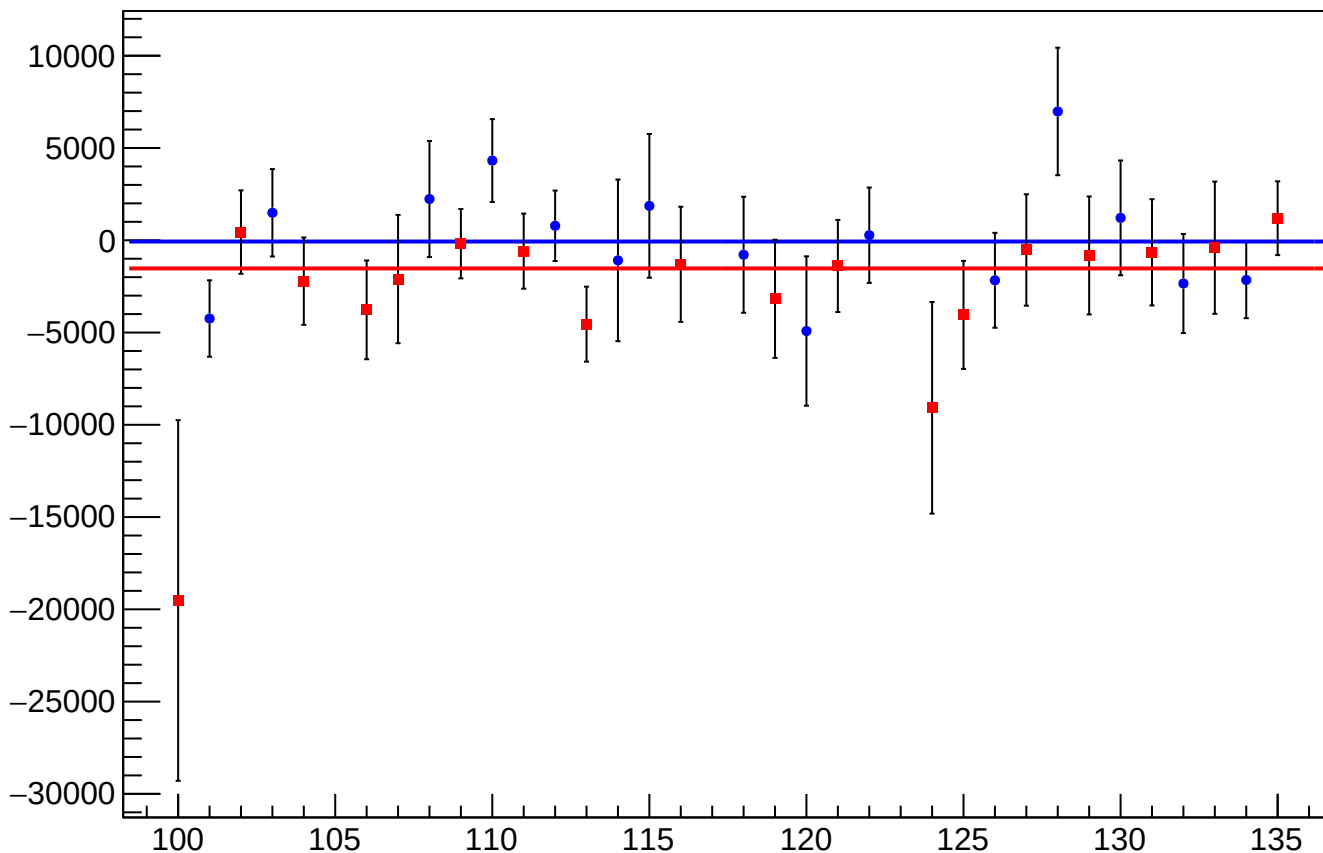
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.083 $\pm$ 0.024 χ^2 /NDF: 1755921.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_correction_mean vs Slug



Right In: -68.886 ± 685.831 χ^2/NDF : 17.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1526.163 ± 627.559 χ^2/NDF : 12.8/17

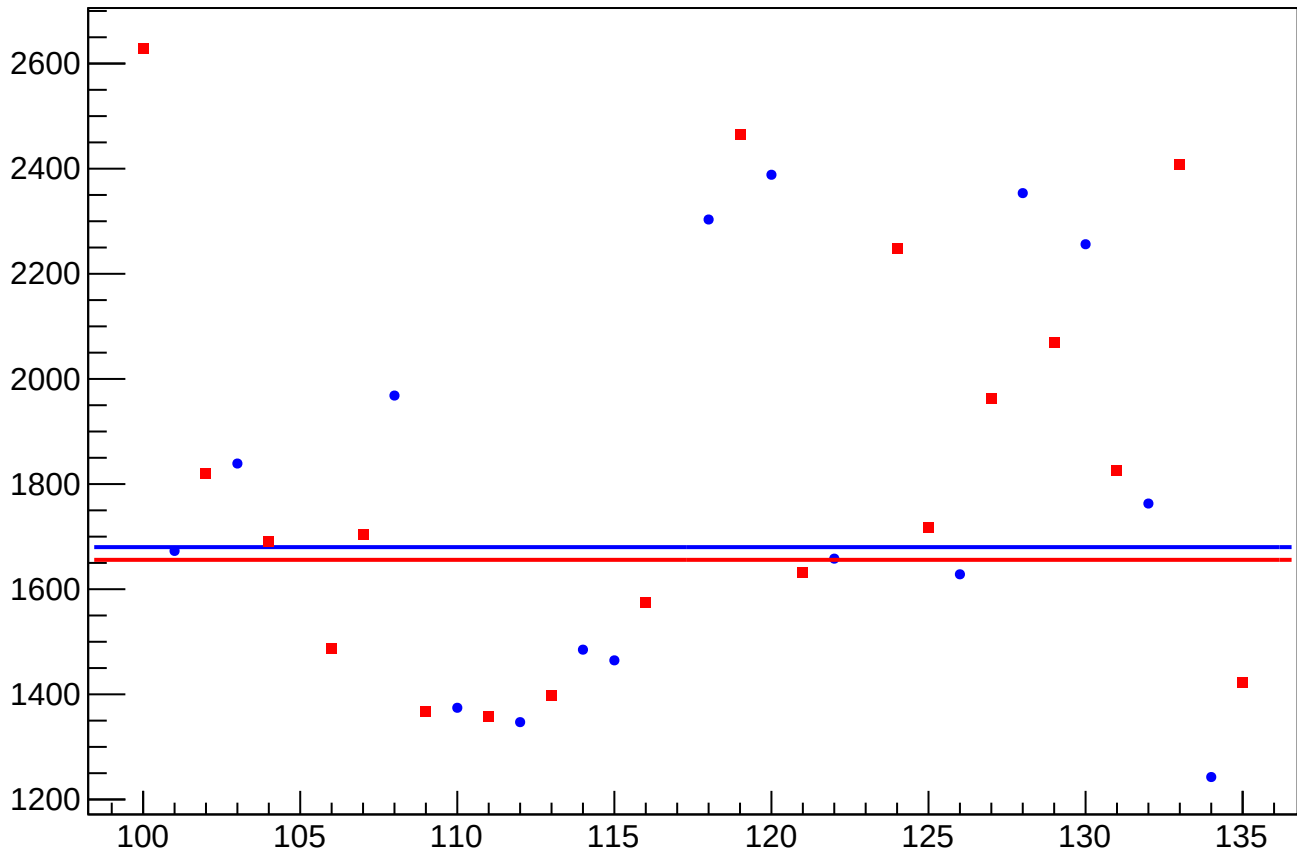
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -862.053 ± 462.984 χ^2/NDF : 32.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_reg_correction_rms vs Slug



Right In: 1680.052 $\pm$ 0.485 χ^2 /NDF: 510478.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1655.857 $\pm$ 0.444 χ^2 /NDF: 489407.1/17

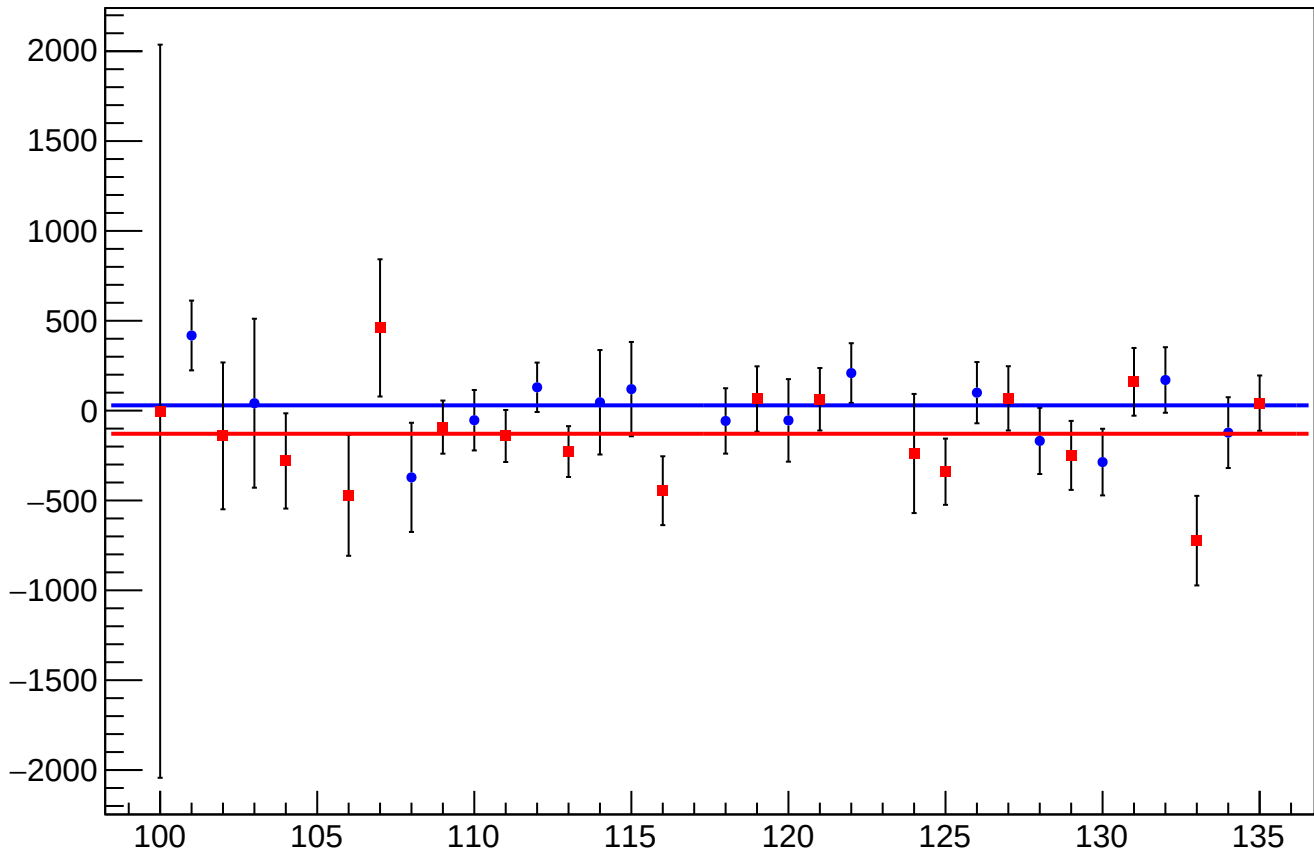
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1666.883 $\pm$ 0.327 χ^2 /NDF: 1001240.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam3_mean vs Slug



Right In: 29.328+/-50.591 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -128.795+/-46.949 χ^2/NDF : 21.7/17

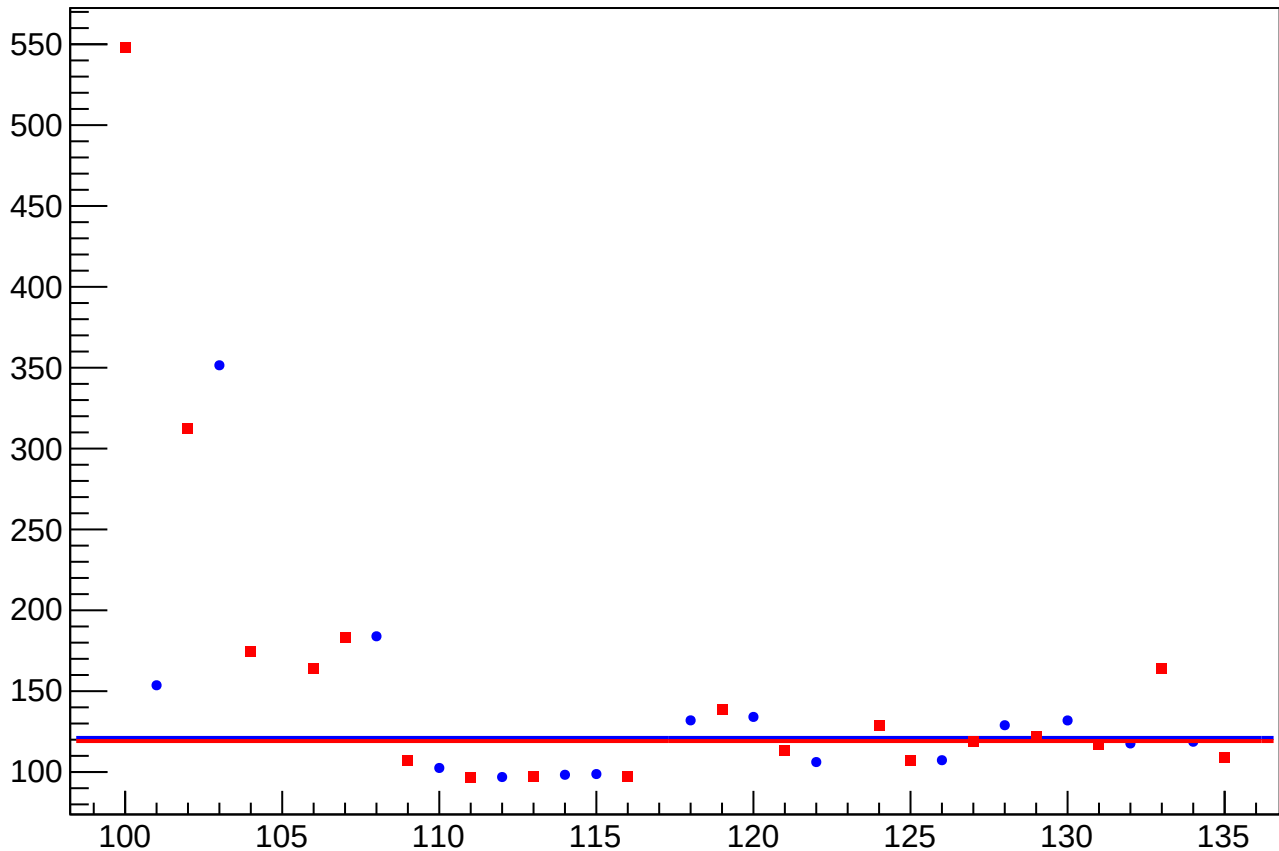
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.629+/-34.414 χ^2/NDF : 40.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam3_rms vs Slug



Right In: 121.091 $\pm$ 0.036 χ^2 /NDF: 789439.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.160 $\pm$ 0.033 χ^2 /NDF: 960925.9/17

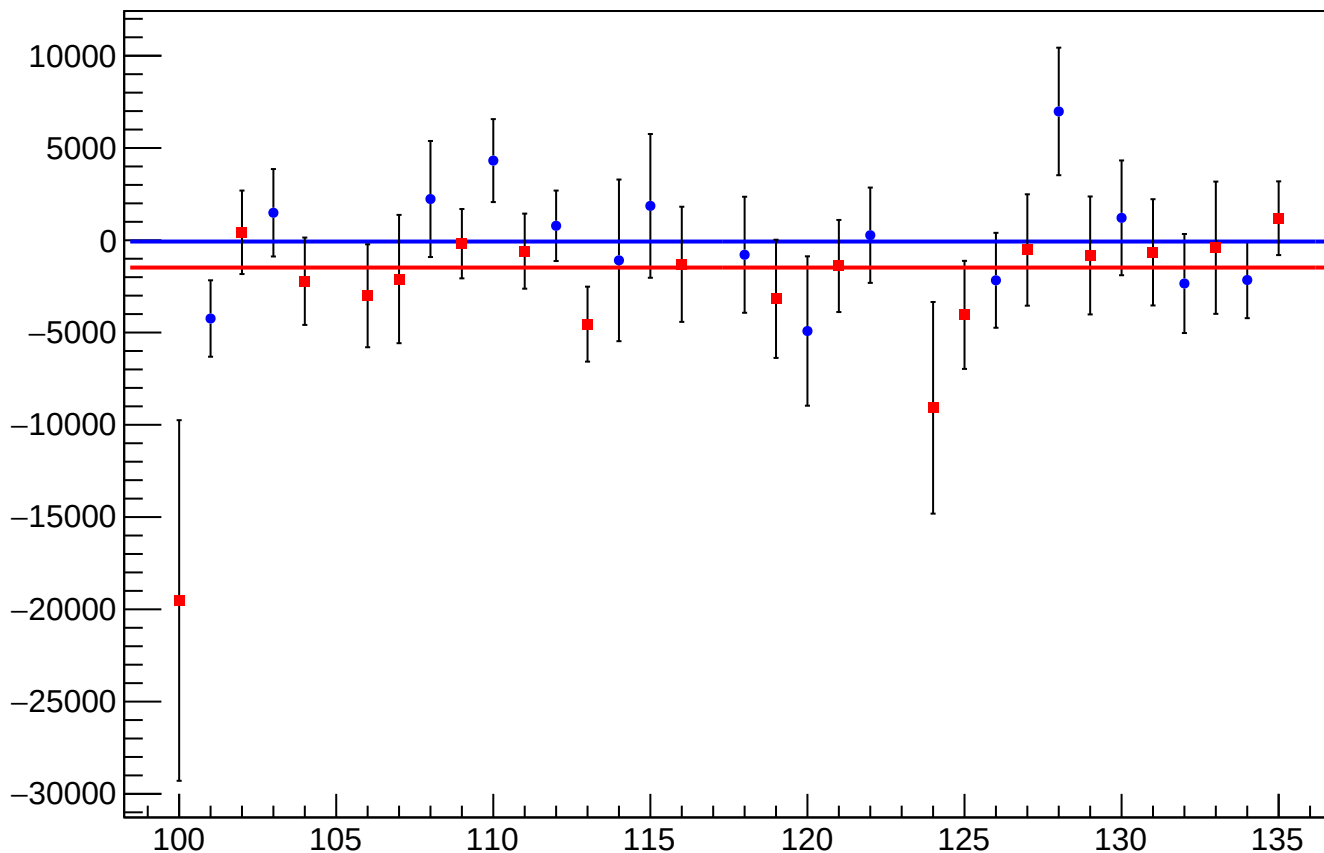
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.054 $\pm$ 0.024 χ^2 /NDF: 1751930.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_cor_correction_mean vs Slug



Right In: -68.852 ± 685.837 χ^2/NDF : 17.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1478.671 ± 629.002 χ^2/NDF : 12.4/17

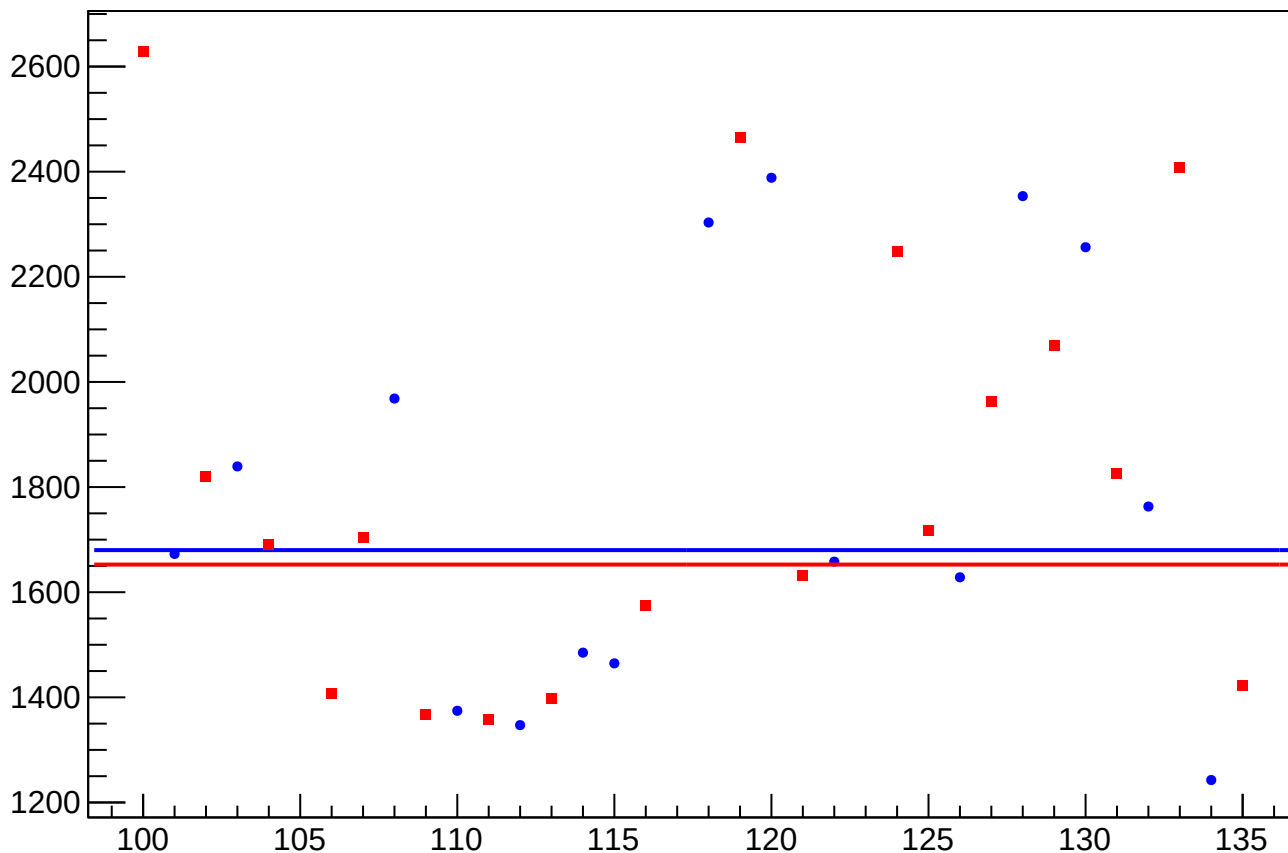
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -834.588 ± 463.564 χ^2/NDF : 32.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_cor_correction_rms vs Slug



Right In: 1680.065 $\pm$ 0.485 χ^2 /NDF: 510499.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

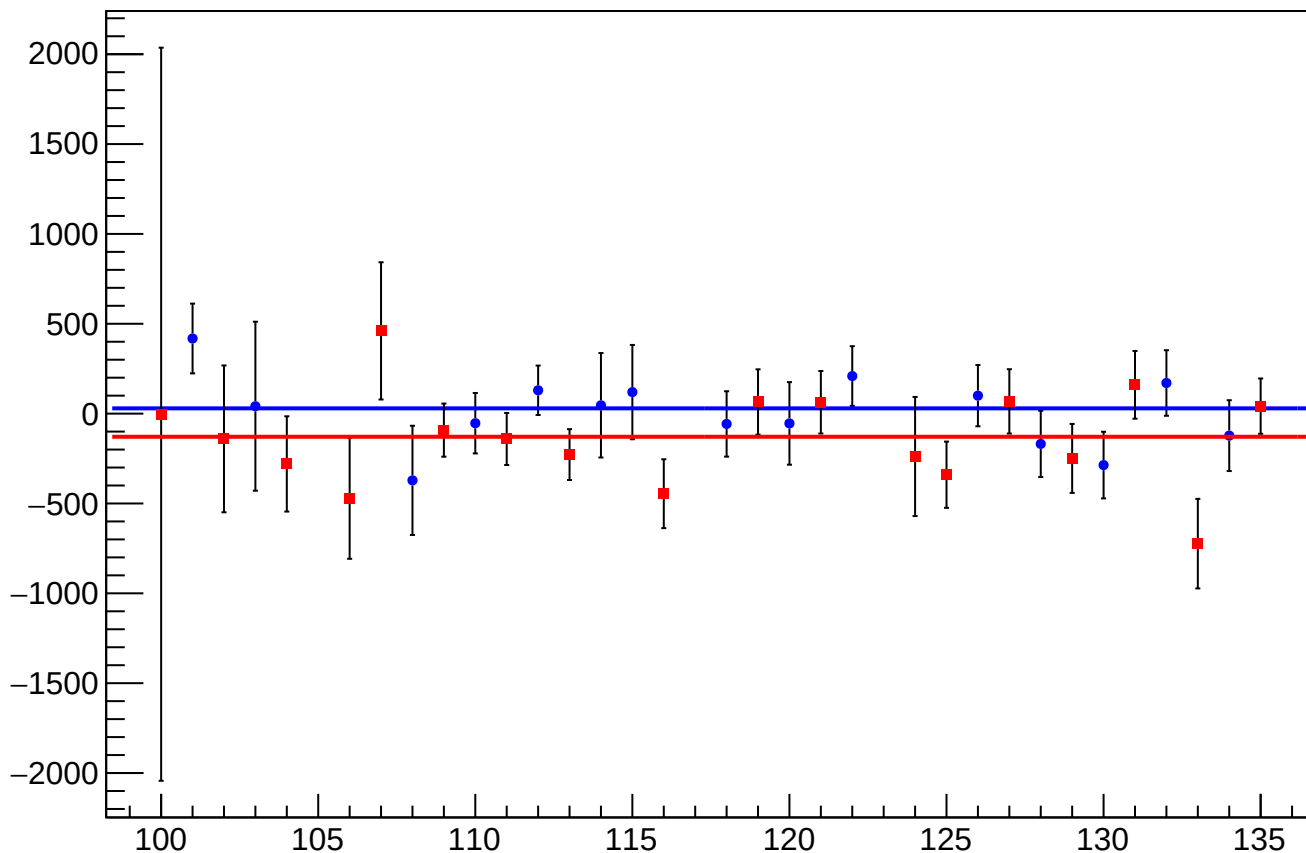
Right Out: 1652.584 $\pm$ 0.445 χ^2 /NDF: 497591.8/17

All: 1665.139 $\pm$ 0.328 χ^2 /NDF: 1009835.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam3_mean vs Slug



Right In: 29.328 $\pm$ 50.591 χ^2 /NDF: 13.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -128.795 $\pm$ 46.949 χ^2 /NDF: 21.7/17

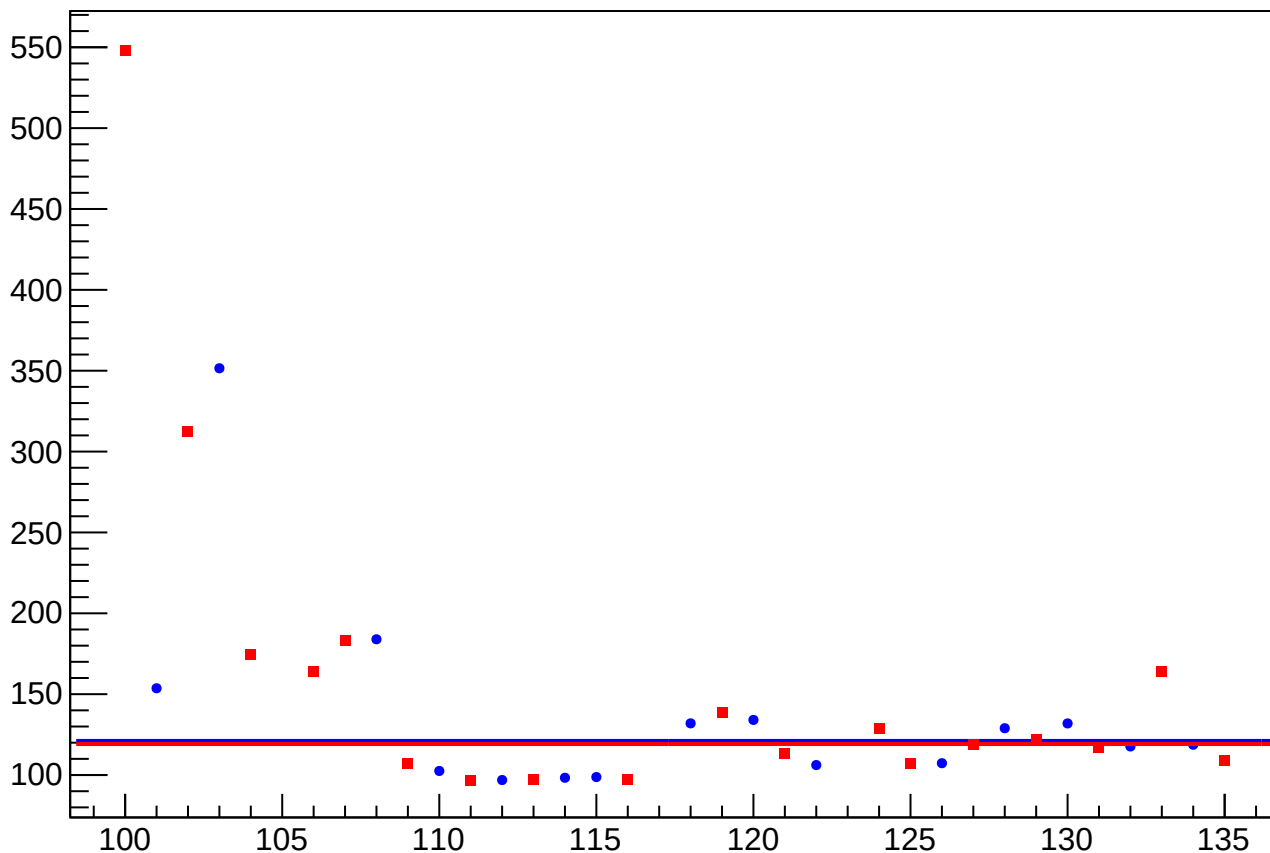
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.629 $\pm$ 34.414 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam3_rms vs Slug



Right In: 121.091 $\pm$ 0.036 χ^2 /NDF: 789439.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 119.160 $\pm$ 0.033 χ^2 /NDF: 960925.9/17

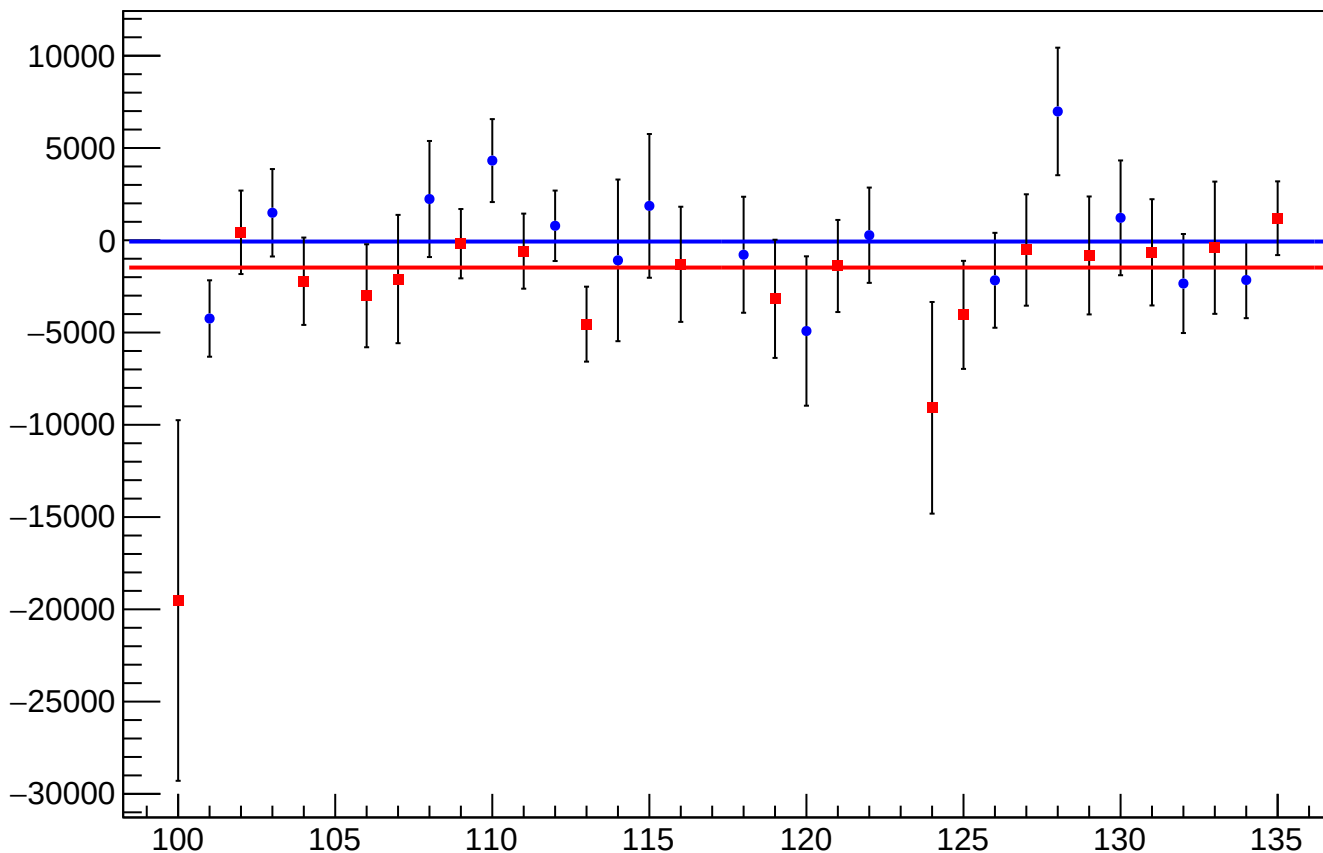
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.054 $\pm$ 0.024 χ^2 /NDF: 1751930.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_correction_mean vs Slug



Right In: -68.852+/-685.837 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1478.671+/-629.002 χ^2/NDF : 12.4/17

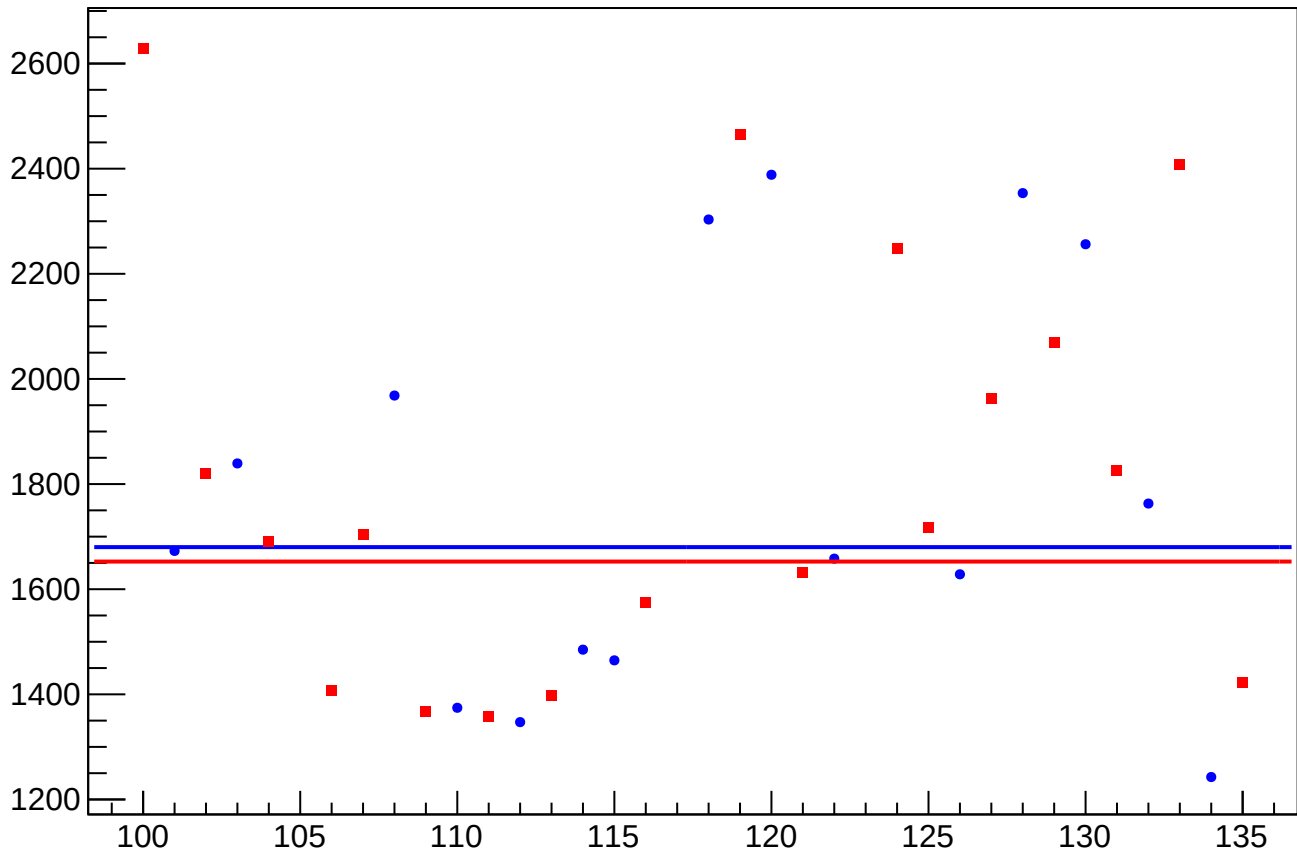
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -834.588+/-463.564 χ^2/NDF : 32.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_correction_rms vs Slug



Right In: 1680.065+/-0.485 χ^2/NDF : 510499.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

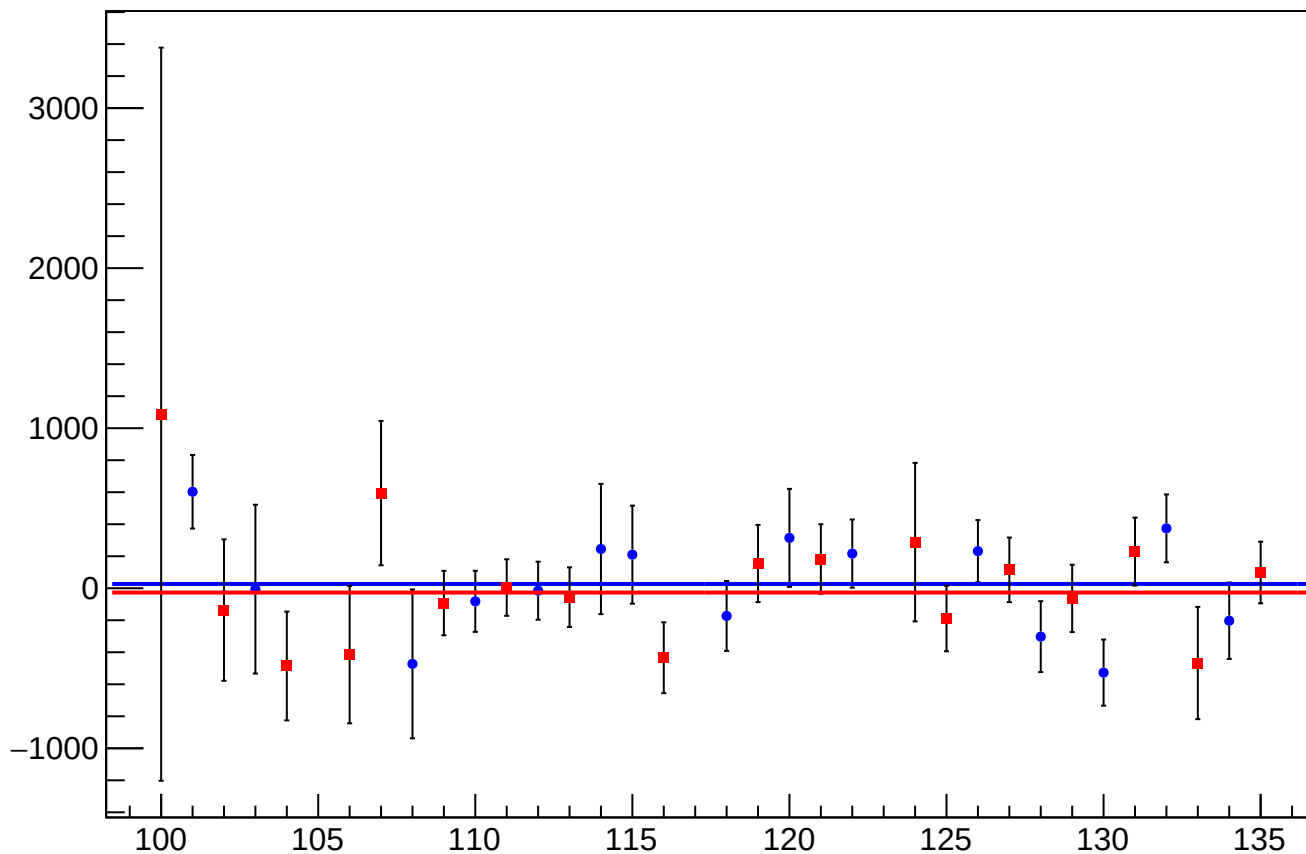
Right Out: 1652.584+/-0.445 χ^2/NDF : 497591.8/17

All: 1665.139+/-0.328 χ^2/NDF : 1009835.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_mean vs Slug



Right In: 26.836+/-61.355 χ^2/NDF : 25.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.822+/-57.644 χ^2/NDF : 14.9/17

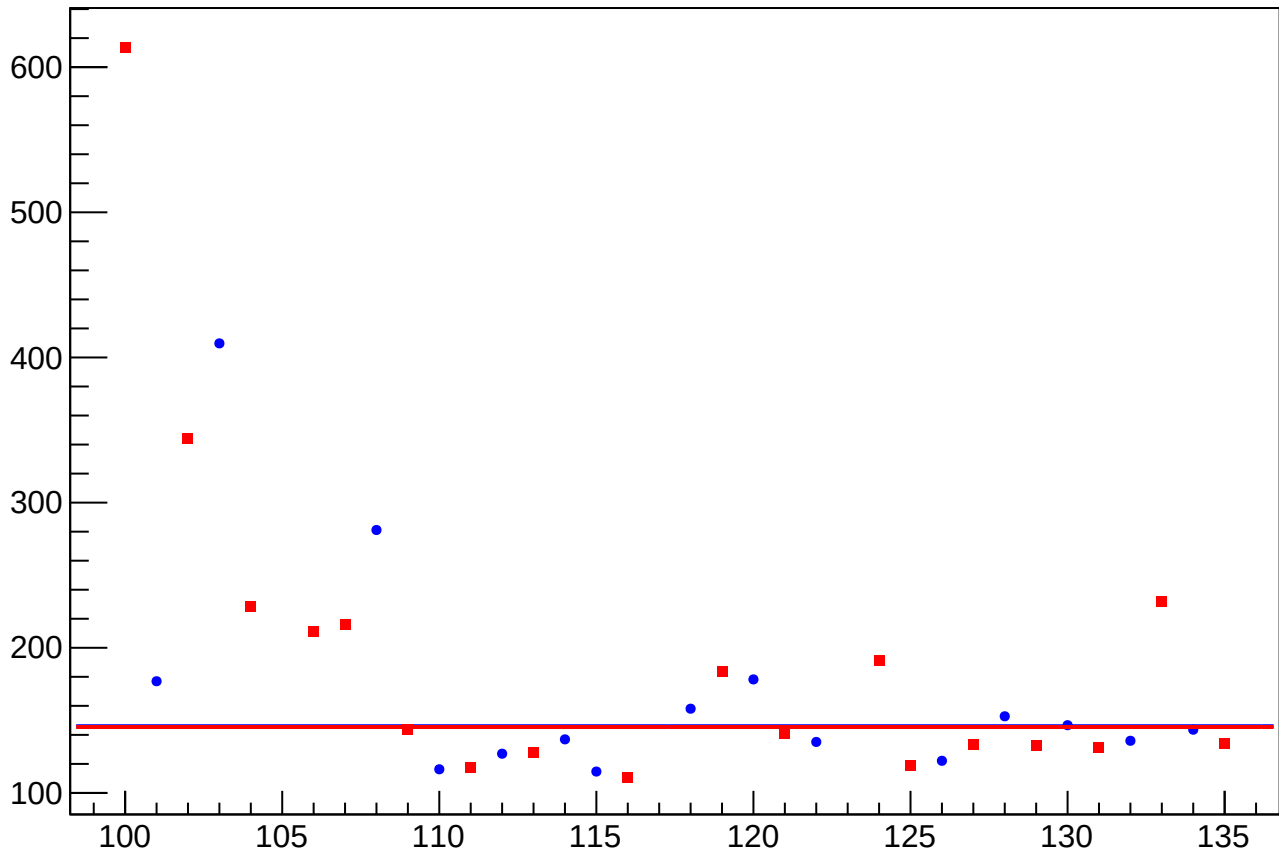
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.665+/-42.011 χ^2/NDF : 40.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam3_rms vs Slug



Right In: 145.962 $\pm$ 0.043 χ^2 /NDF: 867618.6/14

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

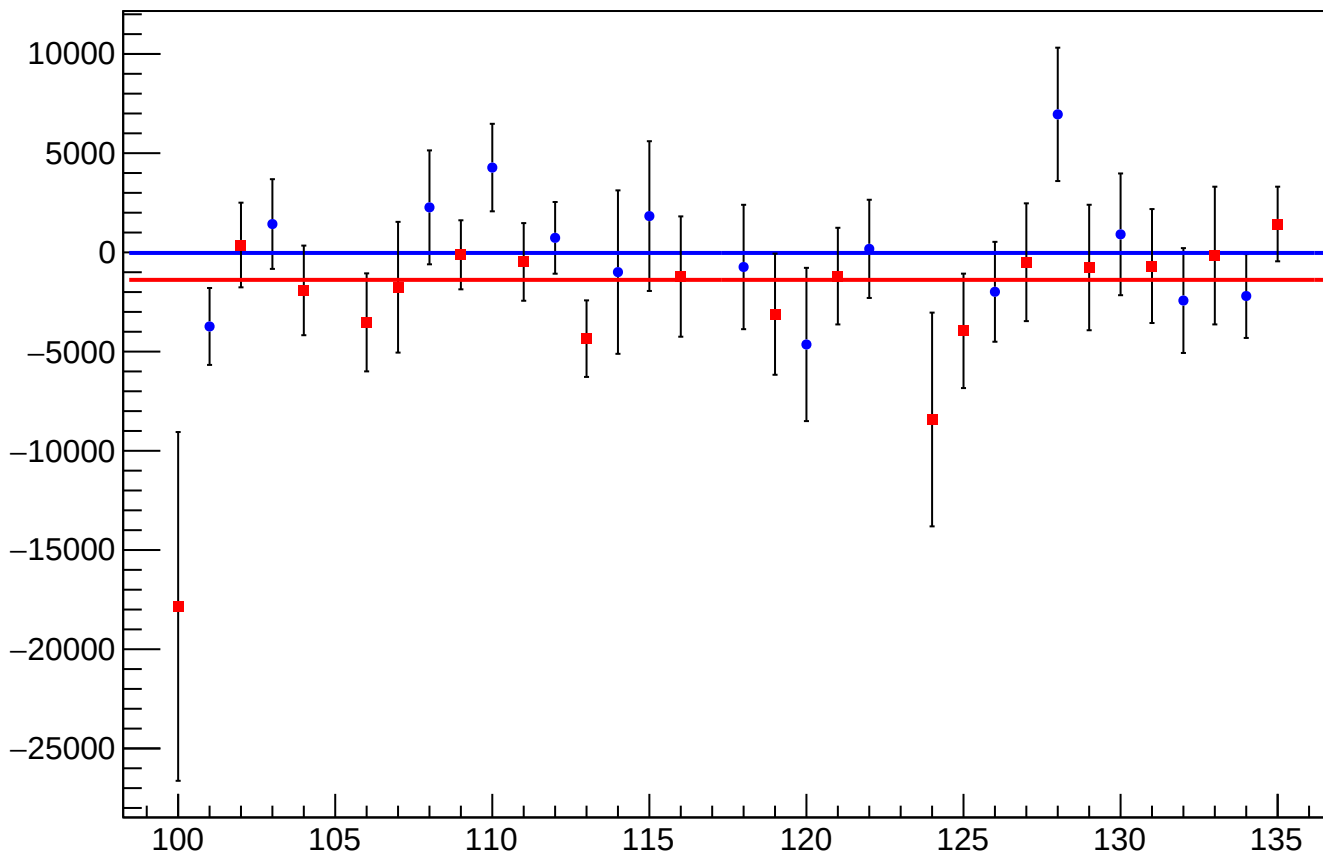
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.675 $\pm$ 0.030 χ^2 /NDF: 1941691.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_correction_mean vs Slug



Right In: -28.005 ± 662.815 χ^2/NDF : 17.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1385.162 ± 599.212 χ^2/NDF : 13.5/17

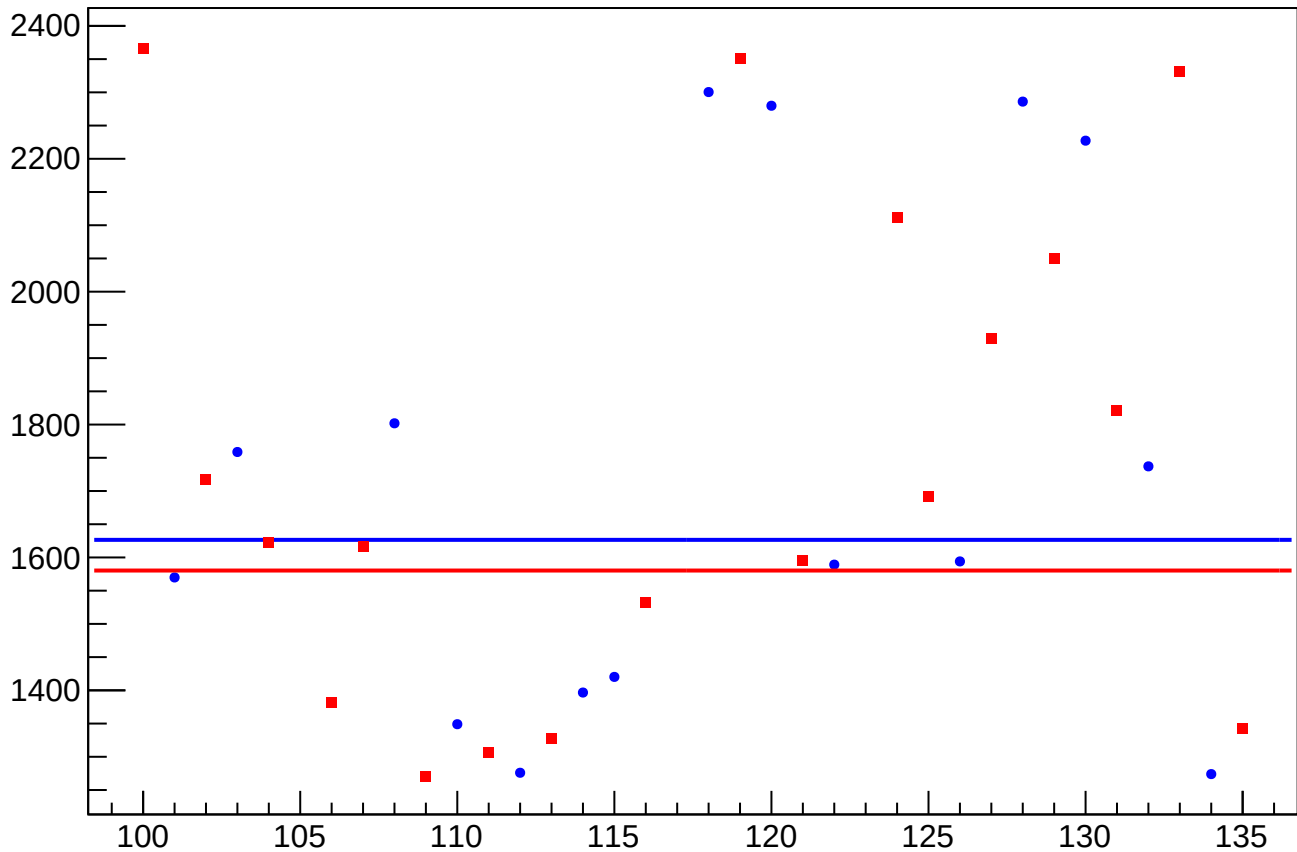
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -774.807 ± 444.496 χ^2/NDF : 33.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_correction_rms vs Slug



Right In: 1626.482 $\pm$ 0.469 χ^2 /NDF: 498555.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

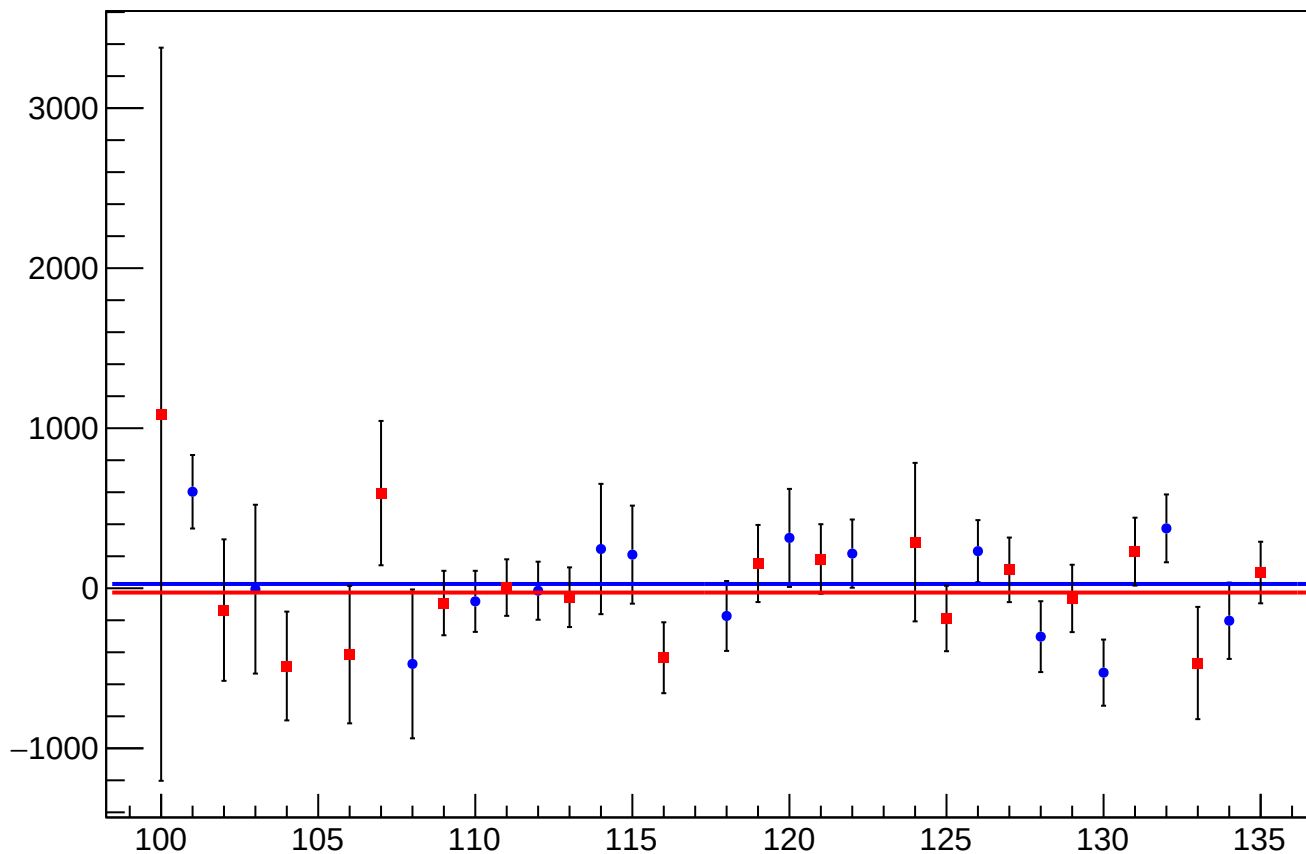
Right Out: 1580.314 $\pm$ 0.424 χ^2 /NDF: 537354.2/17

All: 1601.077 $\pm$ 0.314 χ^2 /NDF: 1041249.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam3_mean vs Slug



Right In: 26.834+/-61.356 χ^2/NDF : 25.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -26.818+/-57.645 χ^2/NDF : 14.9/17

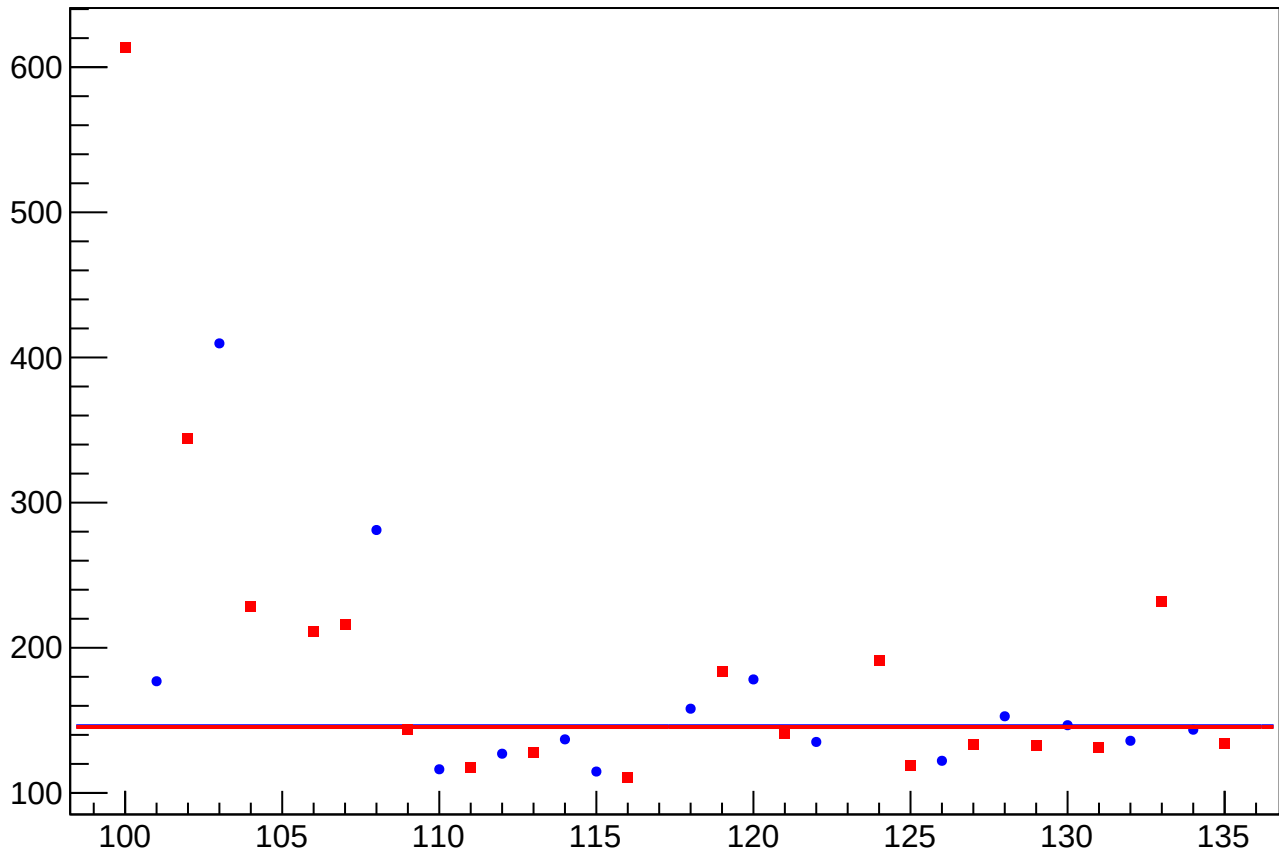
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1.663+/-42.012 χ^2/NDF : 40.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam3_rms vs Slug



Right In: 145.962 $\pm$ 0.043 χ^2 /NDF: 867608.6/14

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

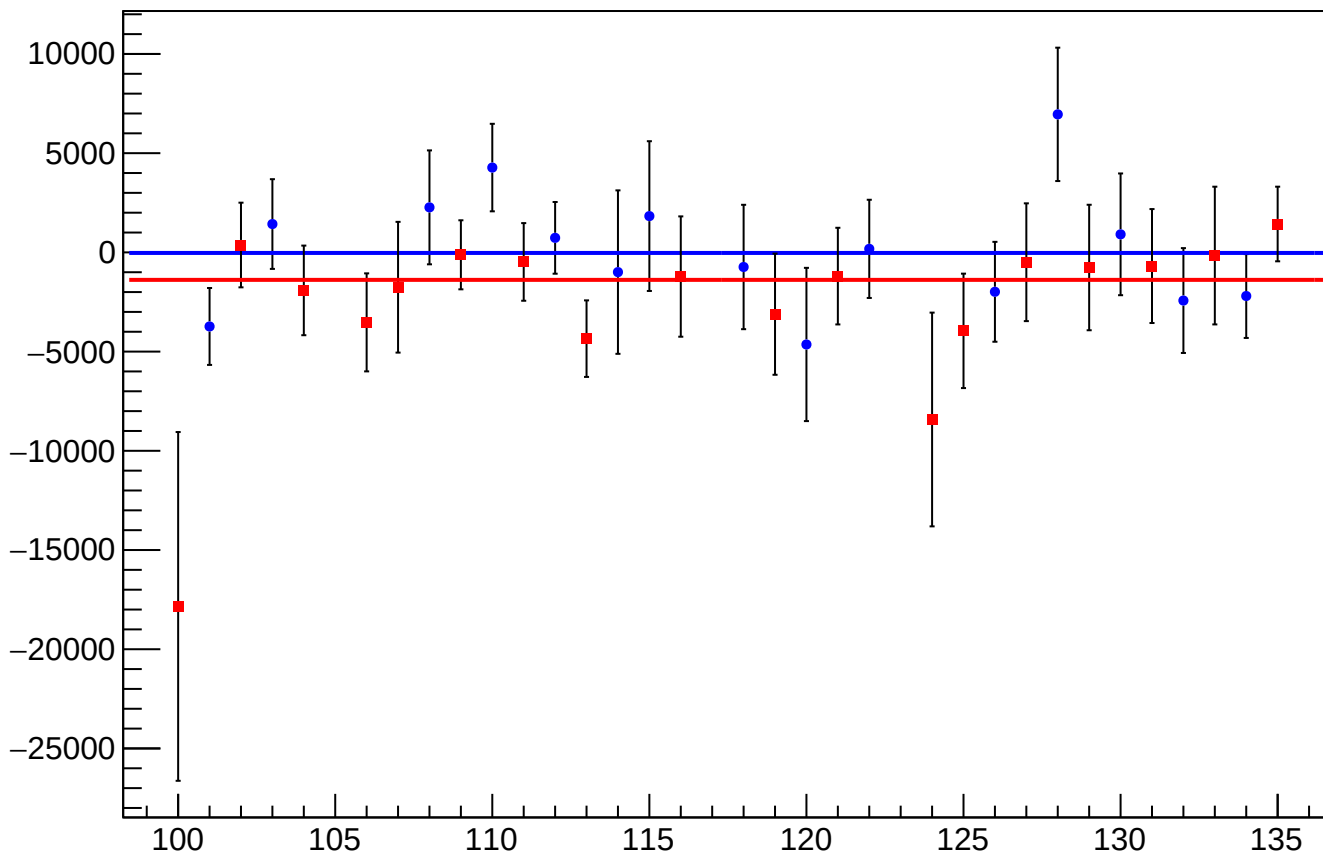
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.676 $\pm$ 0.030 χ^2 /NDF: 1941682.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_correction_mean vs Slug



Right In: -28.005 ± 662.814 χ^2/NDF : 17.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1385.162 ± 599.211 χ^2/NDF : 13.5/17

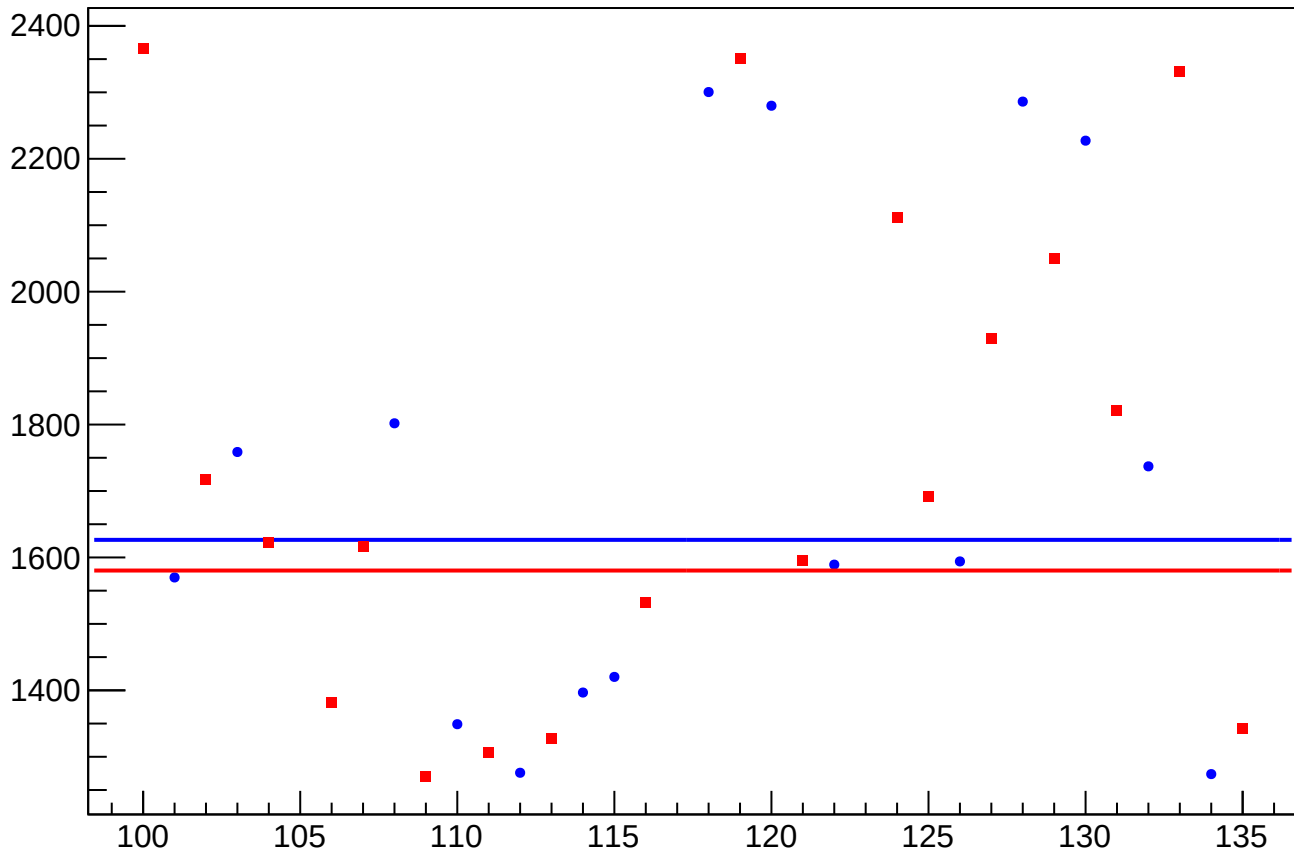
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -774.807 ± 444.496 χ^2/NDF : 33.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_correction_rms vs Slug



Right In: 1626.480+/-0.469 χ^2/NDF : 498558.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

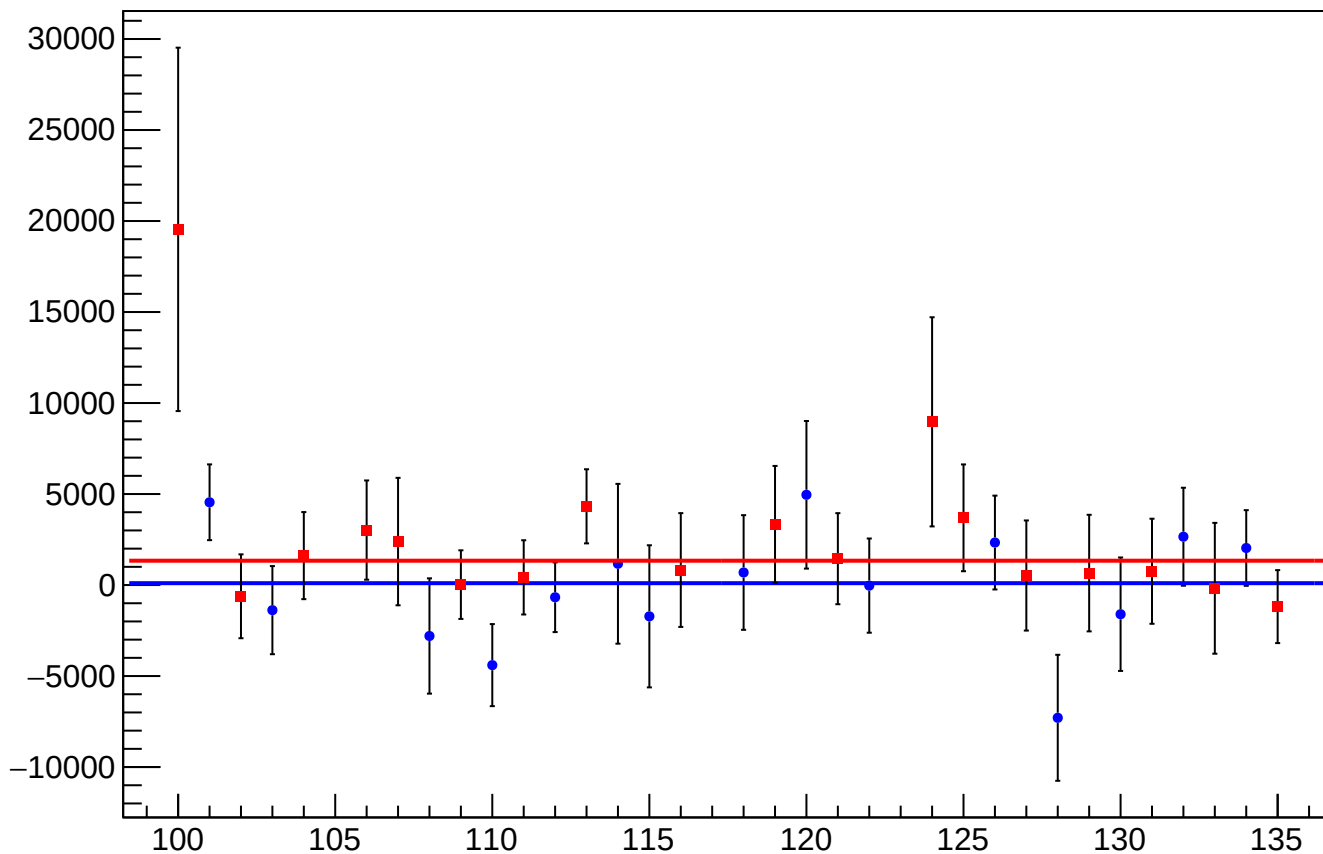
Right Out: 1580.311+/-0.424 χ^2/NDF : 537352.7/17

All: 1601.075+/-0.314 χ^2/NDF : 1041250.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_mean vs Slug



Right In: 102.343+/-689.102 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1337.200+/-631.049 χ^2/NDF : 12.1/17

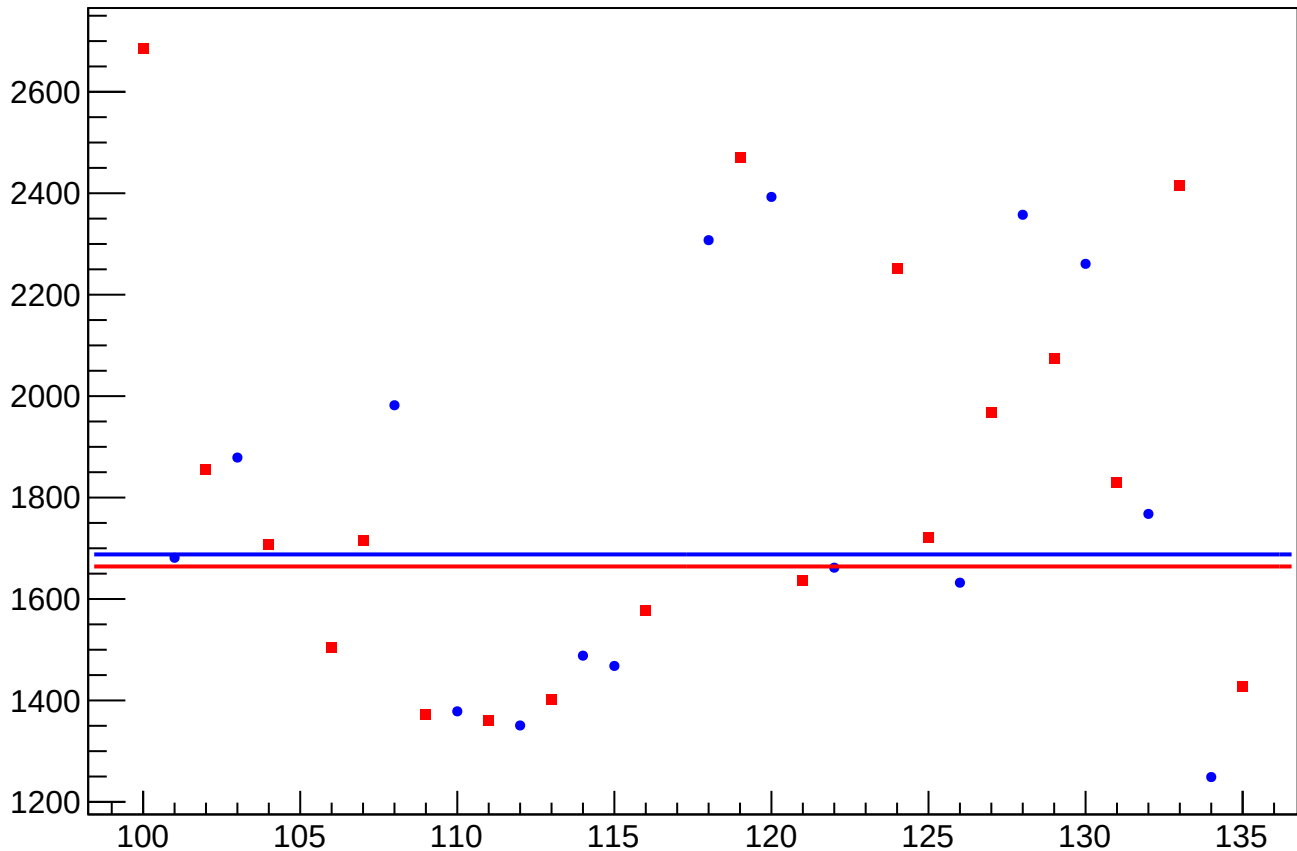
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 773.969+/-465.392 χ^2/NDF : 32.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_rms vs Slug



Right In: 1687.910 $\pm$ 0.487 χ^2 /NDF: 512322.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1664.151 $\pm$ 0.446 χ^2 /NDF: 492454.2/17

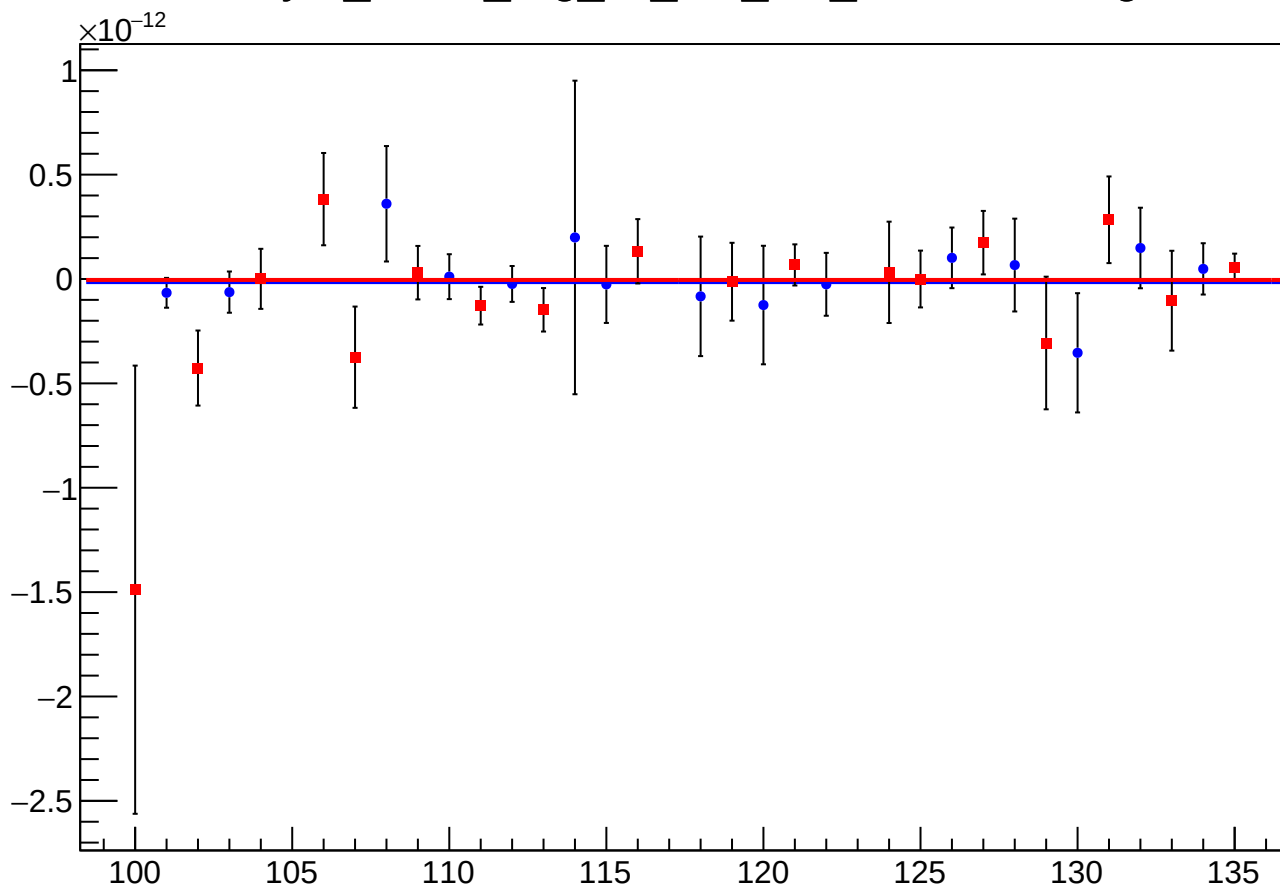
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1674.988 $\pm$ 0.329 χ^2 /NDF: 1006070.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 6.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 23.3/17

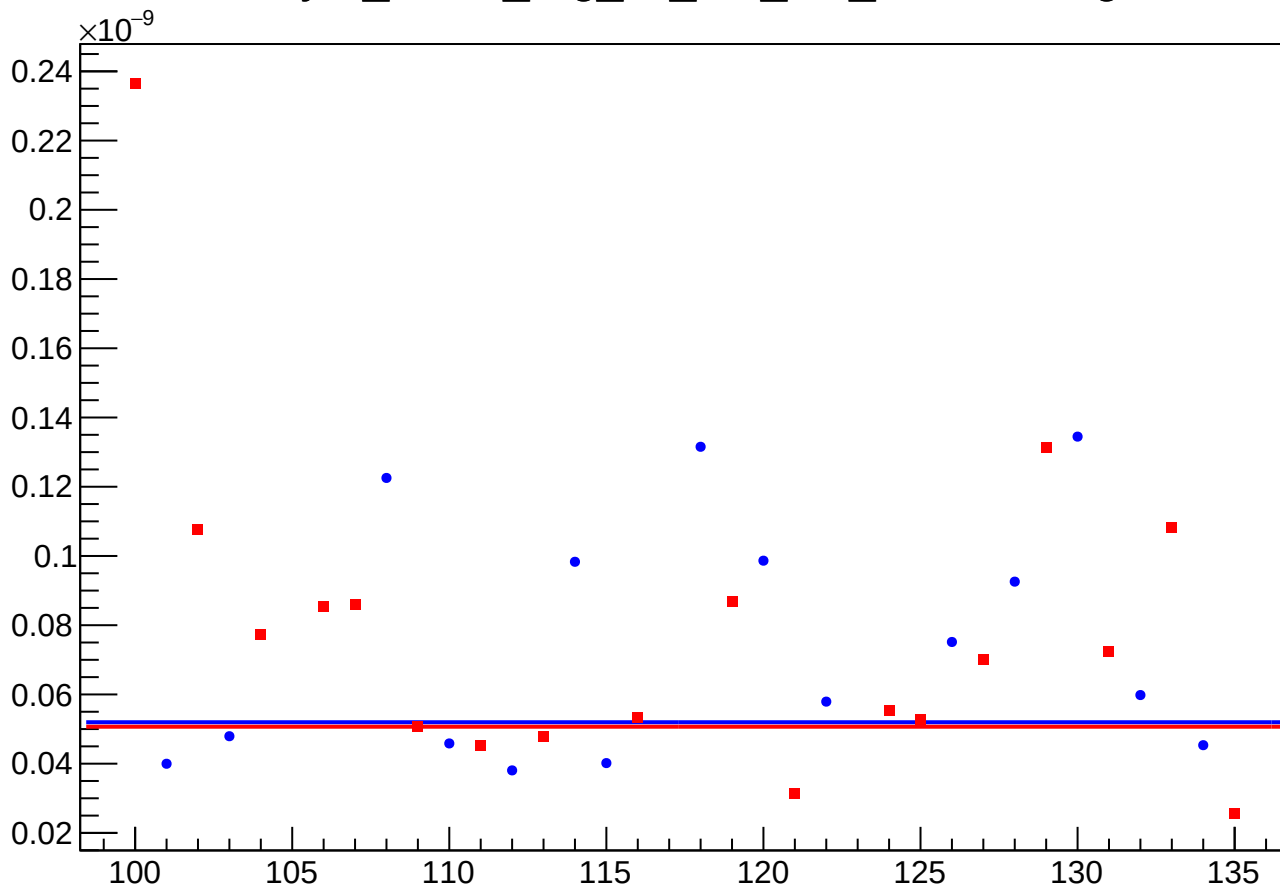
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 29.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam3_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 770010.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1190576.0/17

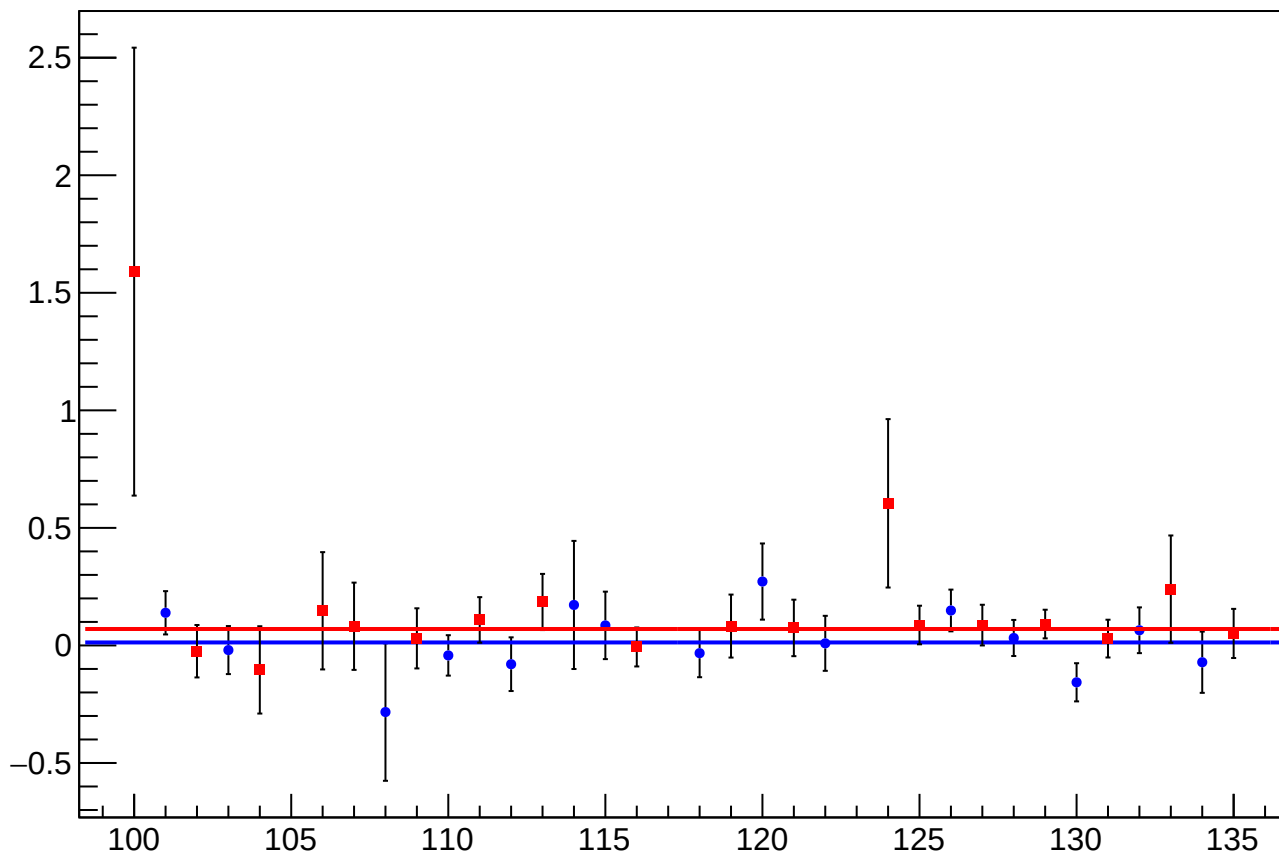
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1962060.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.028 χ^2 /NDF: 14.9/14

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

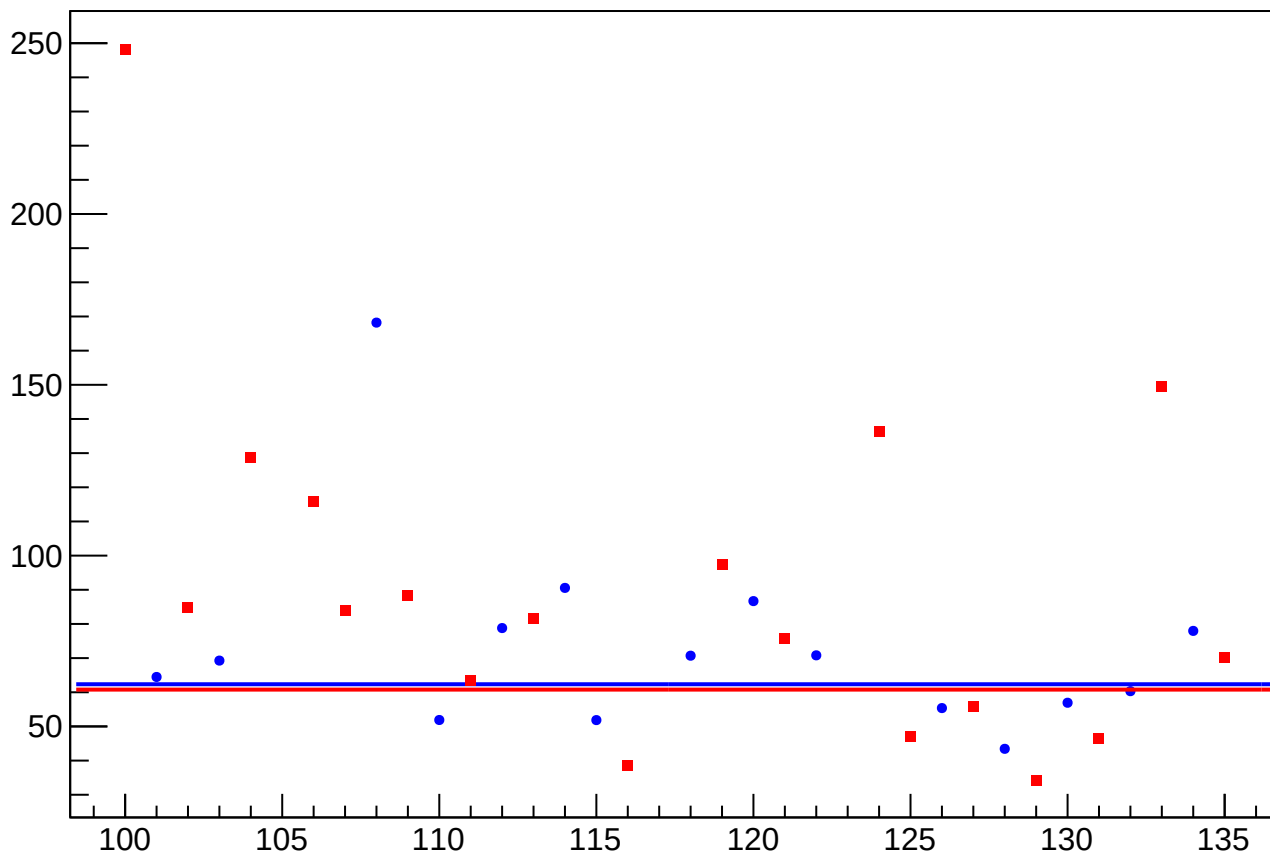
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.019 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_cor_diff_rms vs Slug



Right In: 62.349 $\pm$ 0.019 χ^2 /NDF: 616553.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

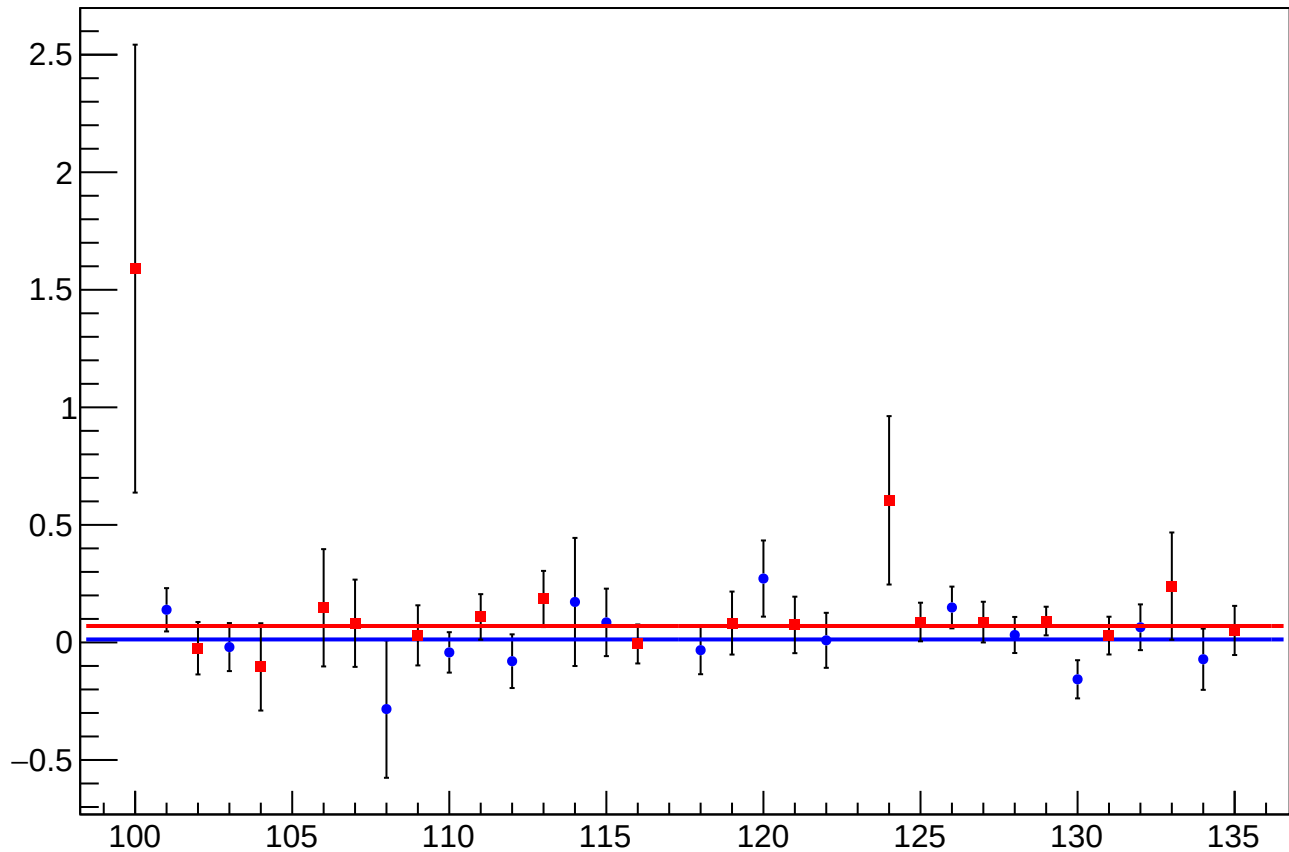
Right Out: 60.780 $\pm$ 0.018 χ^2 /NDF: 1961767.8/17

All: 61.517 $\pm$ 0.013 χ^2 /NDF: 2581763.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

asym_sam3_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.028 χ^2 /NDF: 14.9/14

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

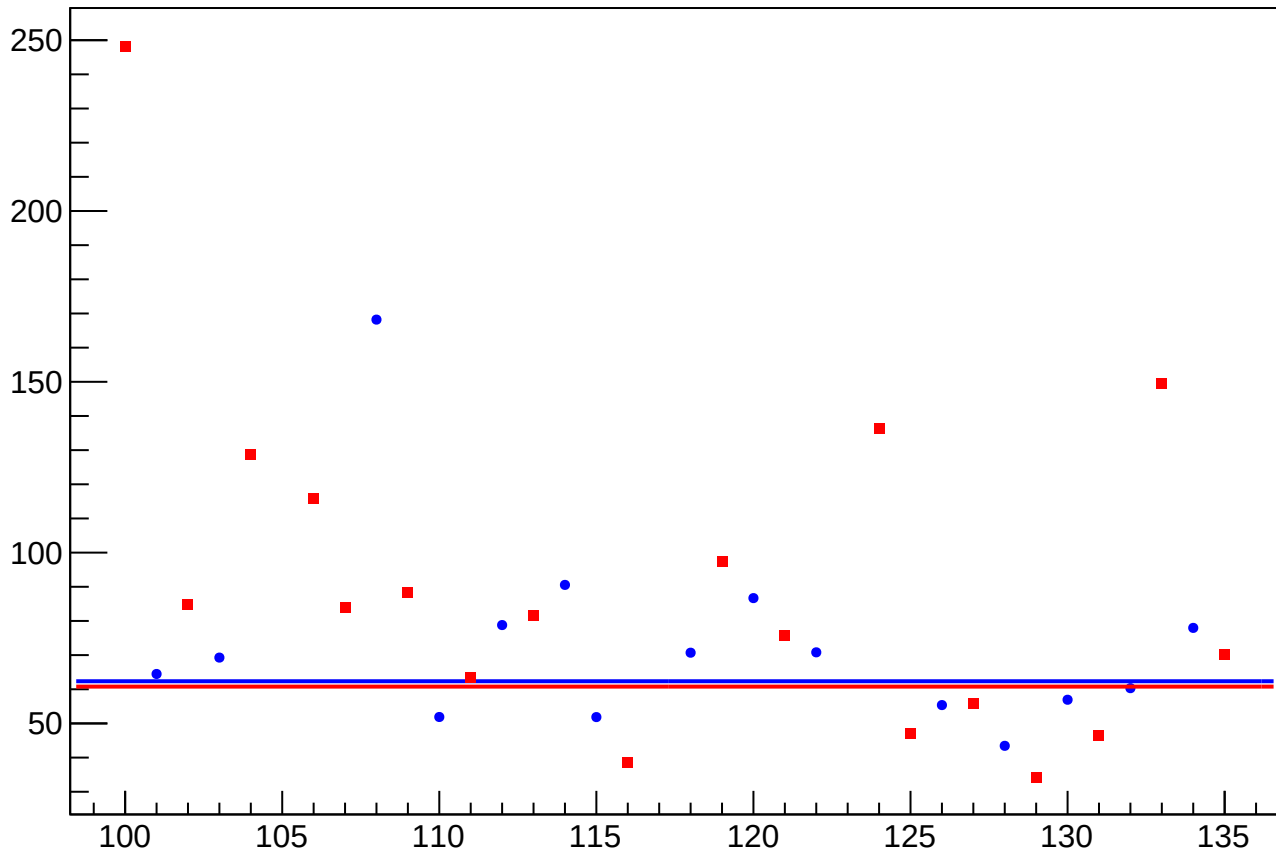
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.019 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.349 $\pm$ 0.019 χ^2 /NDF: 616553.5/14

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

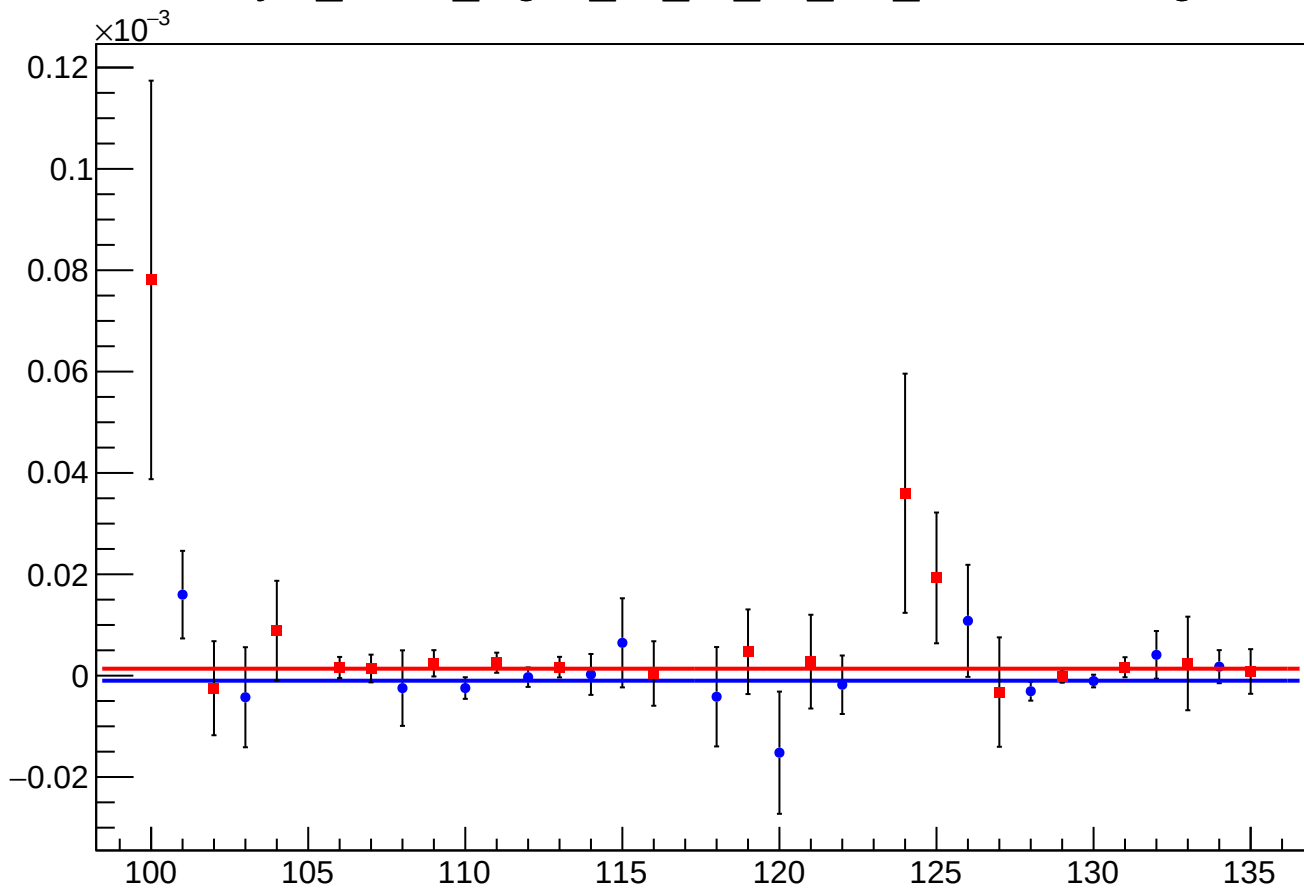
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 61.517 $\pm$ 0.013 χ^2 /NDF: 2581763.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 11.0/17

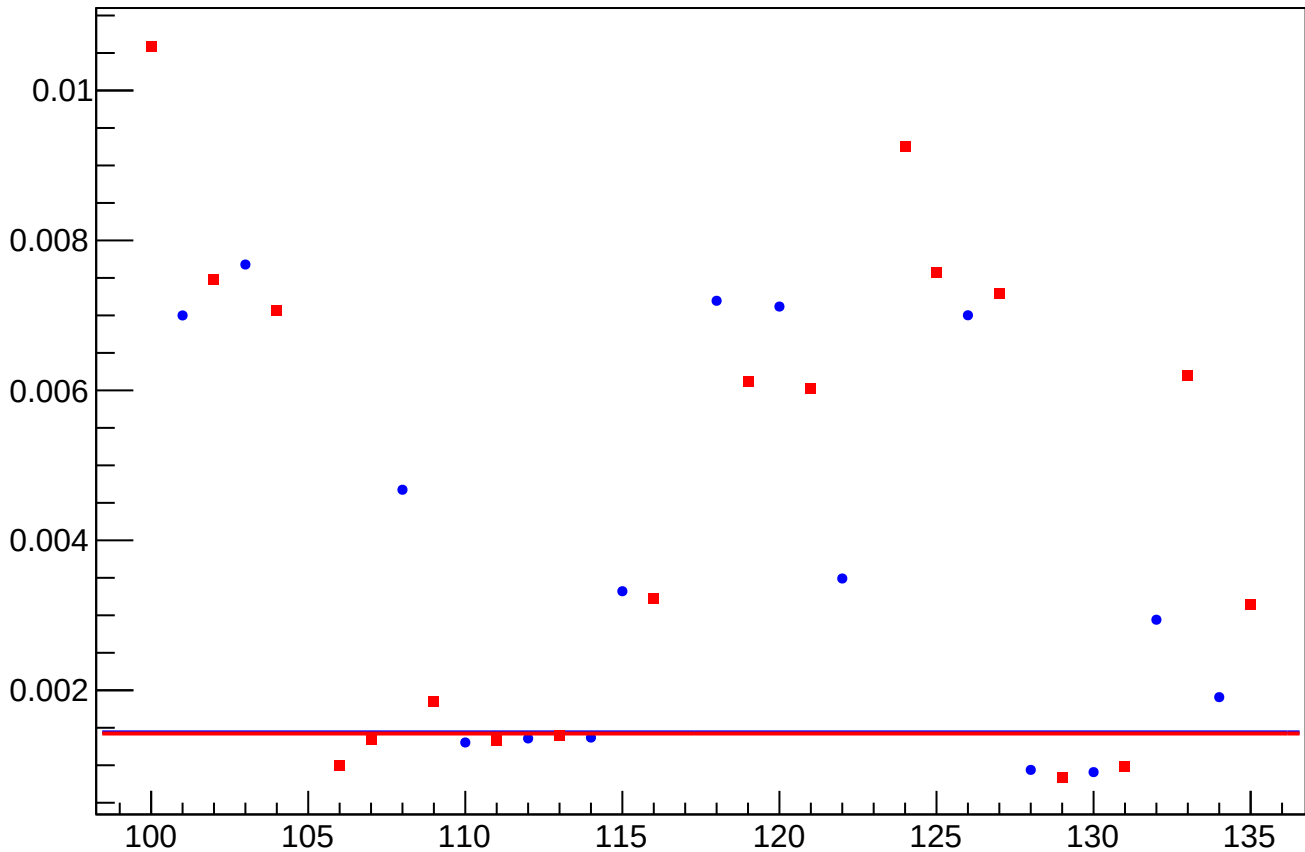
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 27.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 4749713.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 5675947.0/17

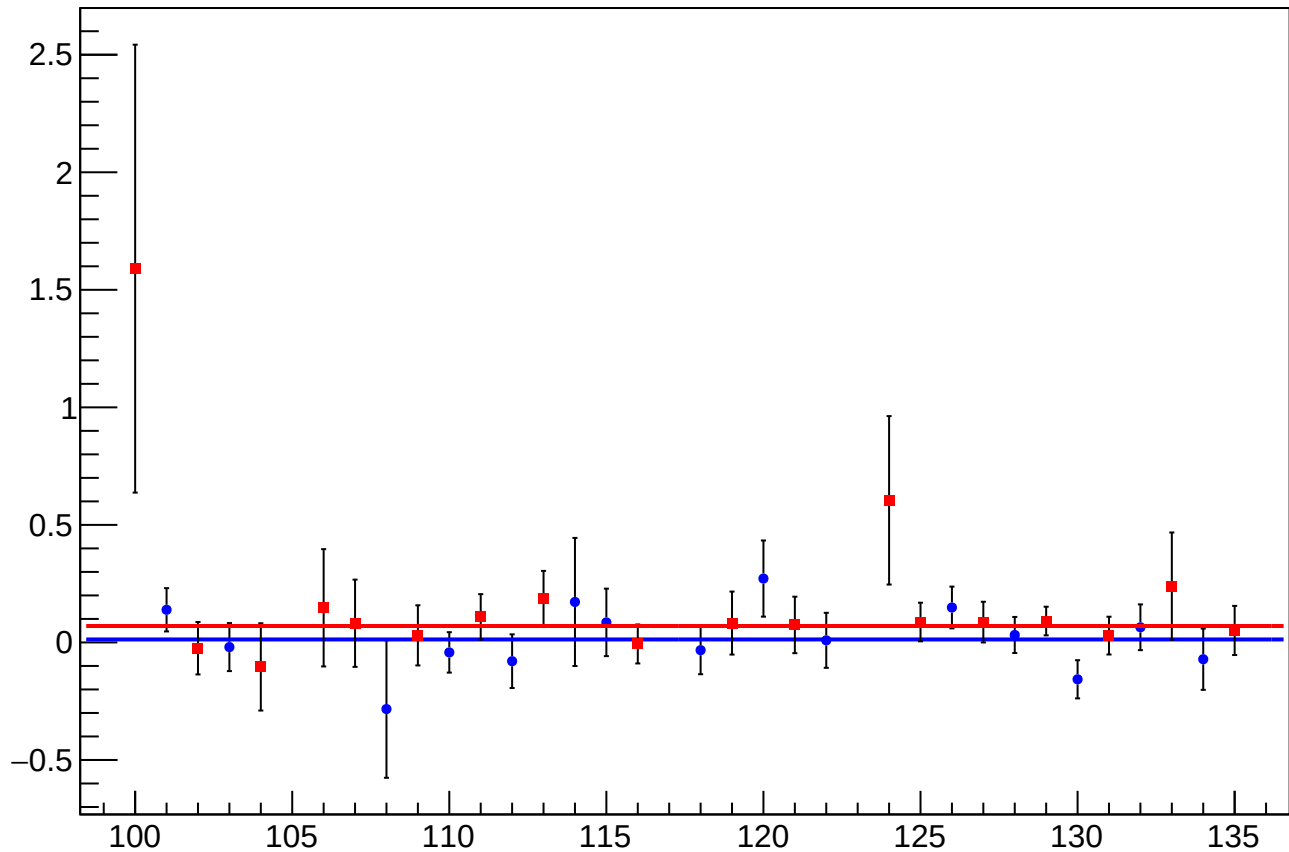
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10426105.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.028 χ^2 /NDF: 14.9/14

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

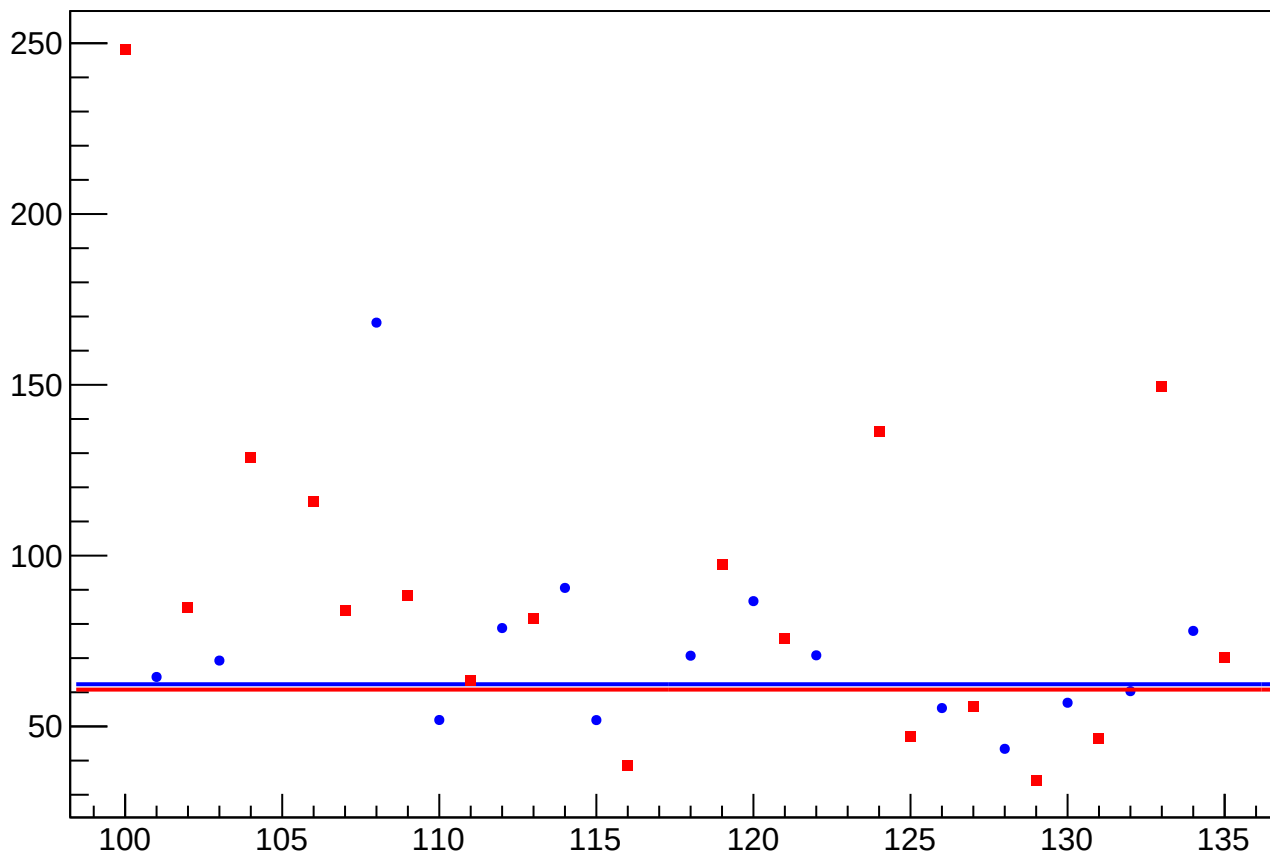
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.043 $\pm$ 0.019 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 62.350 $\pm$ 0.019 χ^2 /NDF: 616558.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

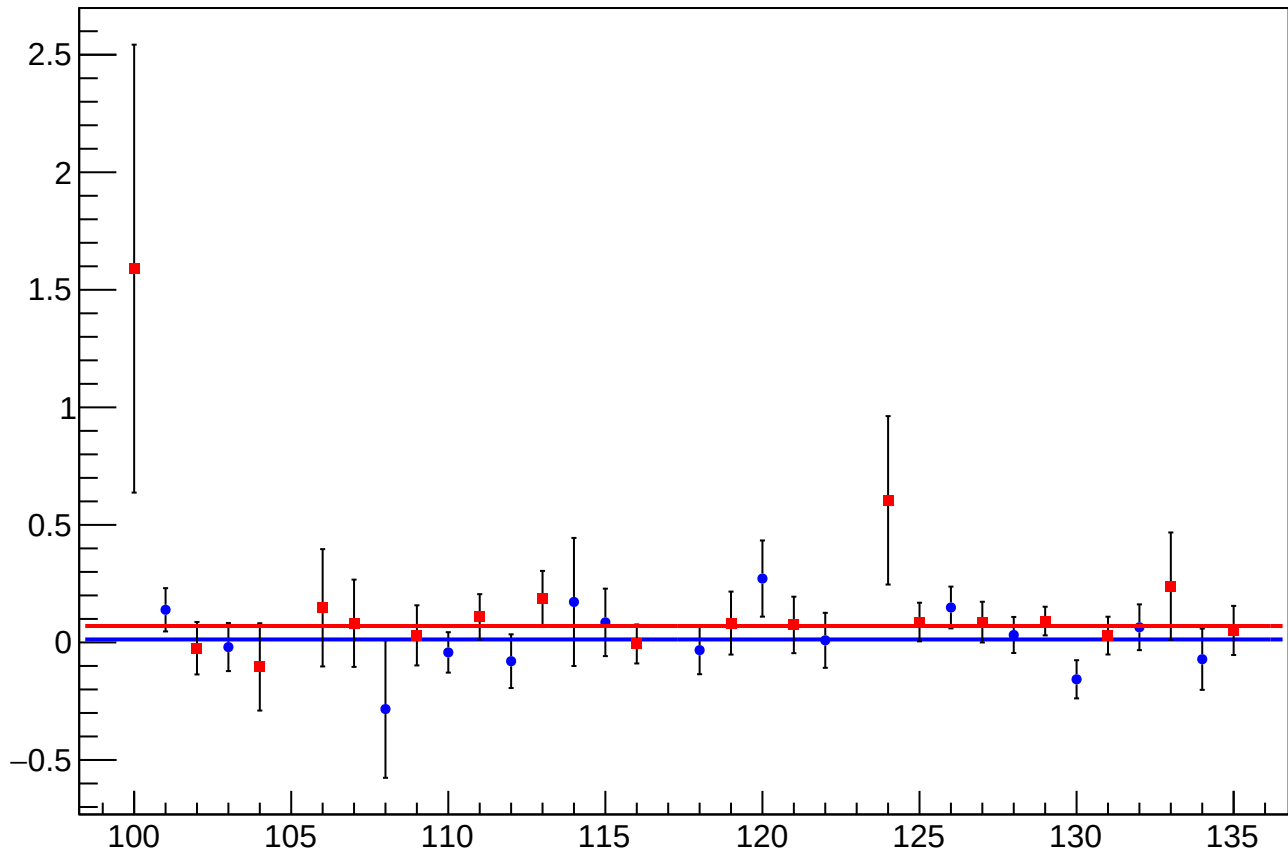
Right Out: 60.781 $\pm$ 0.018 χ^2 /NDF: 1961830.6/17

All: 61.518 $\pm$ 0.013 χ^2 /NDF: 2581835.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013+/-0.028 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.070+/-0.026 χ^2/NDF : 9.6/17

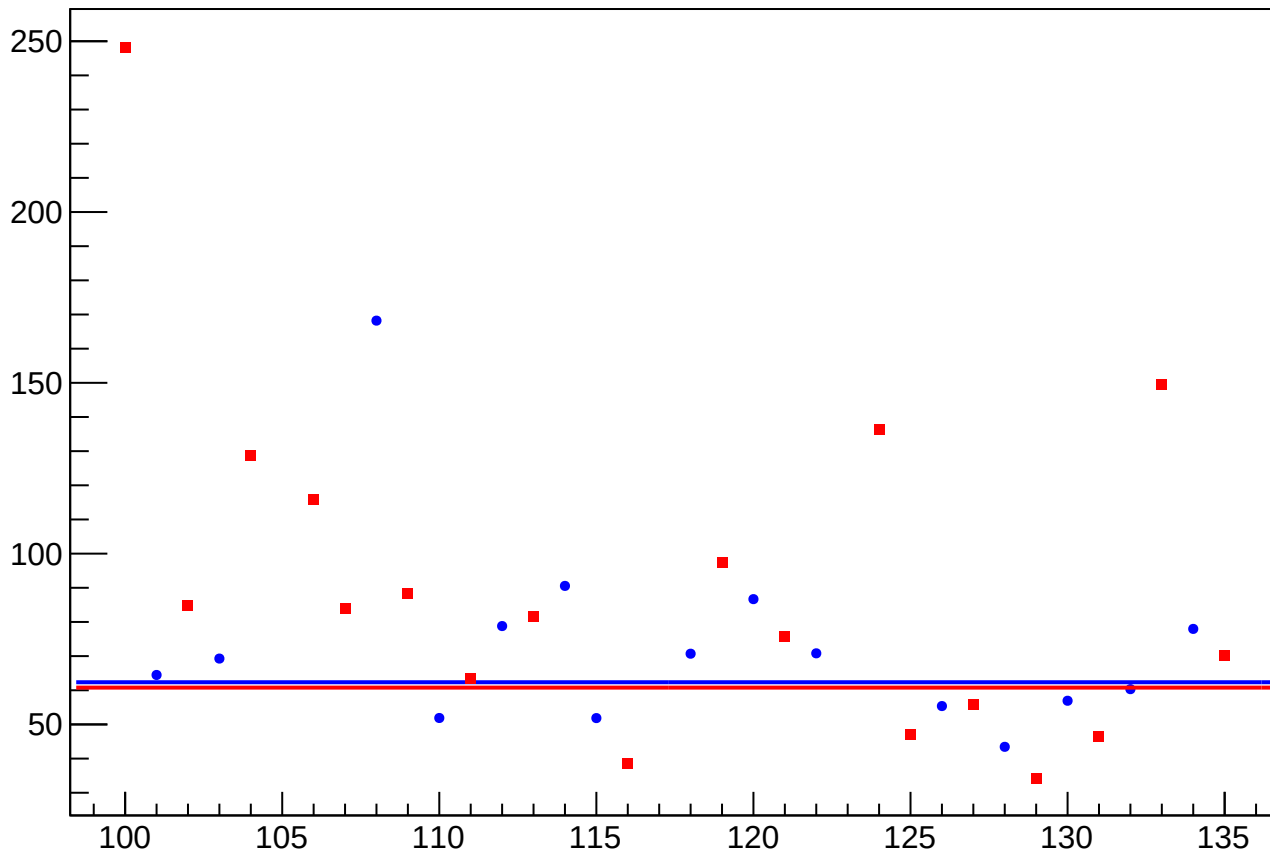
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.043+/-0.019 χ^2/NDF : 26.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 62.350+/-0.019 χ^2/NDF : 616558.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

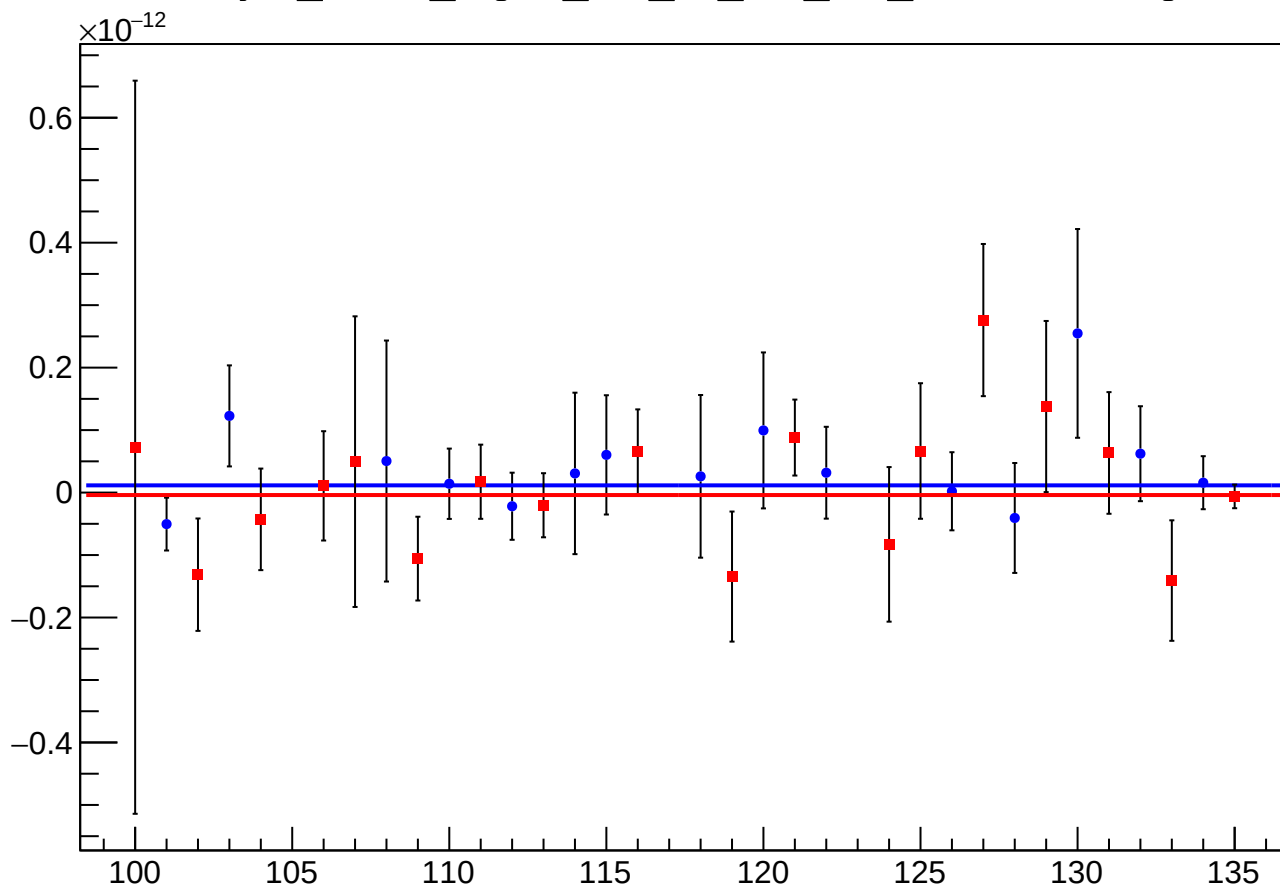
Right Out: 60.781+/-0.018 χ^2/NDF : 1961830.6/17

All: 61.518+/-0.013 χ^2/NDF : 2581835.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.5/17

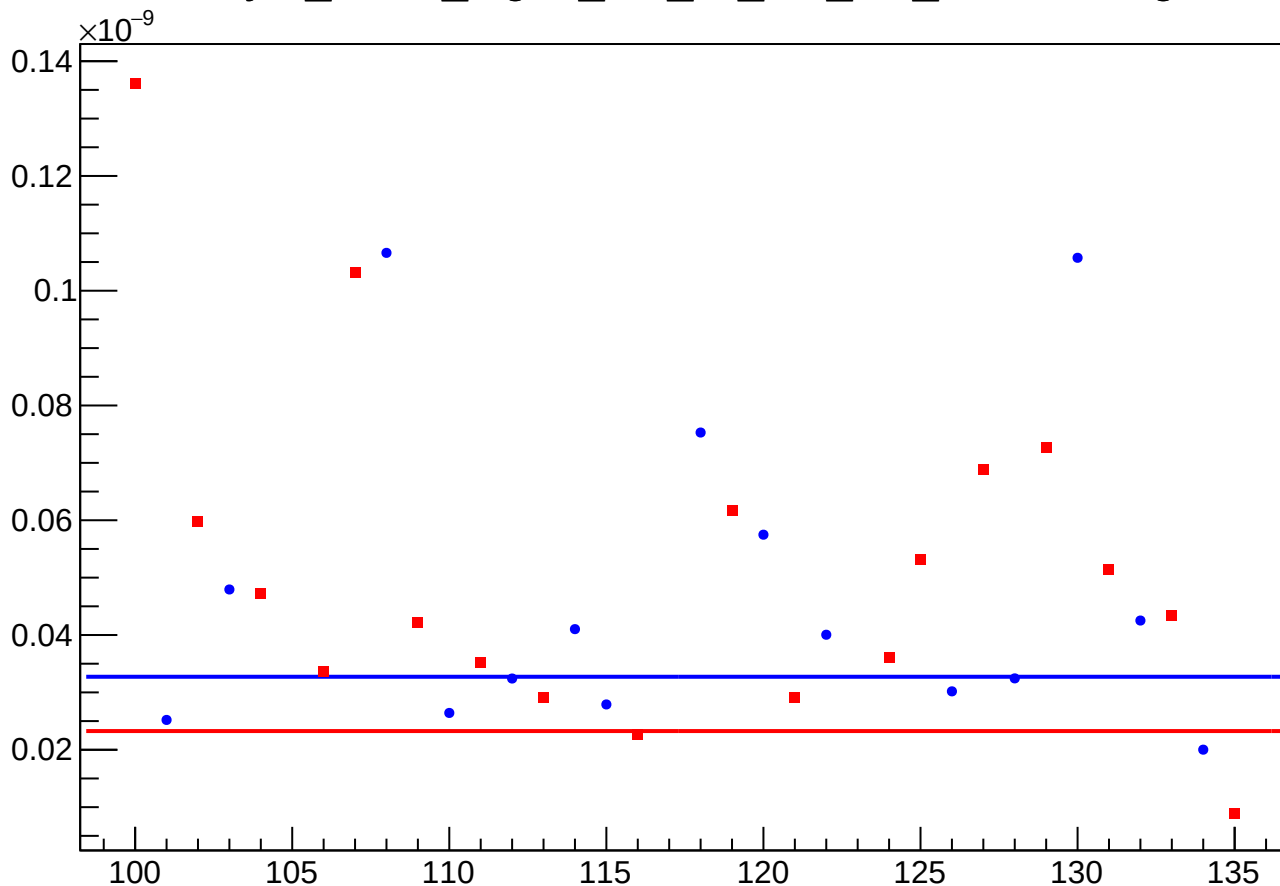
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam3_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1376018.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3529312.5/17

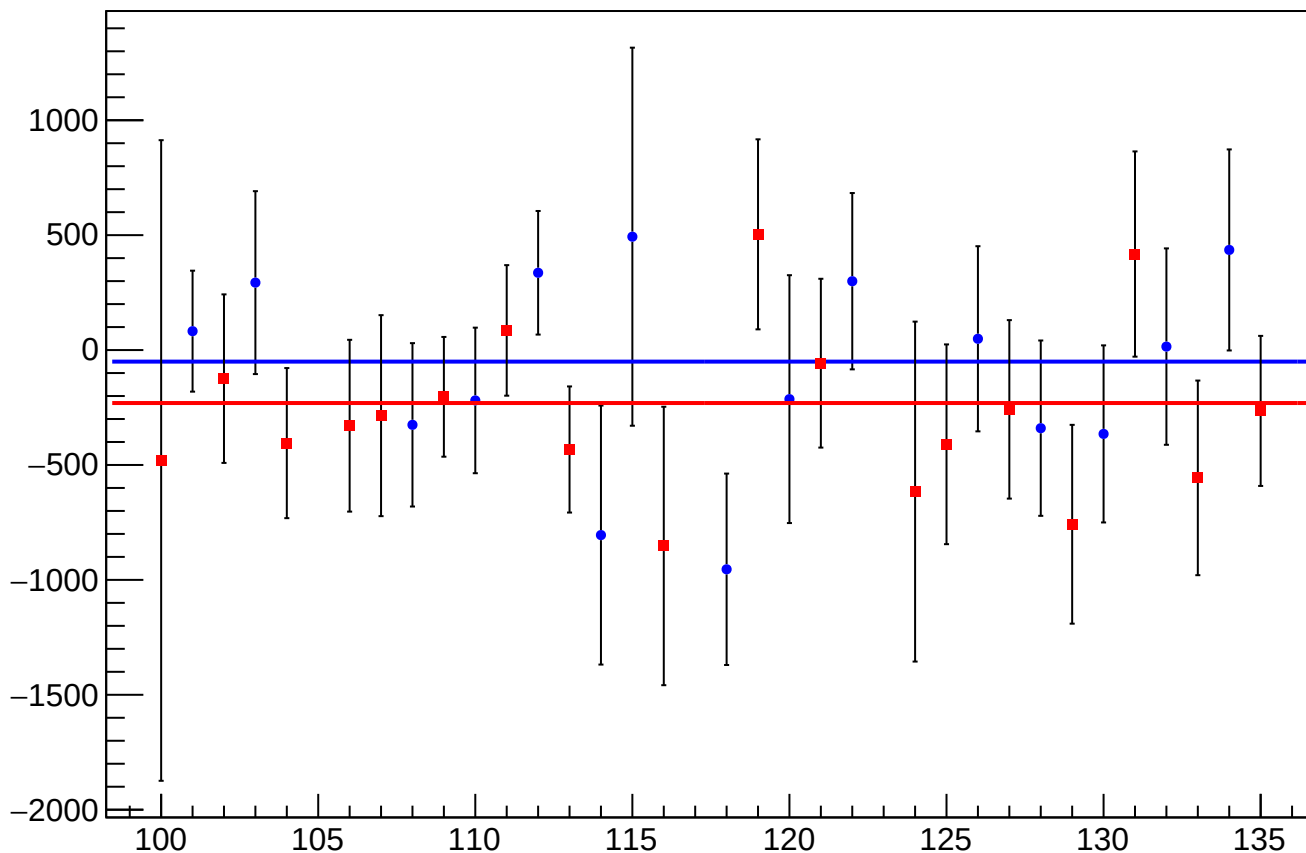
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5247547.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_mean vs Slug



Right In: -50.274 $\pm$ 98.261 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -230.477 $\pm$ 89.375 χ^2 /NDF: 11.4/17

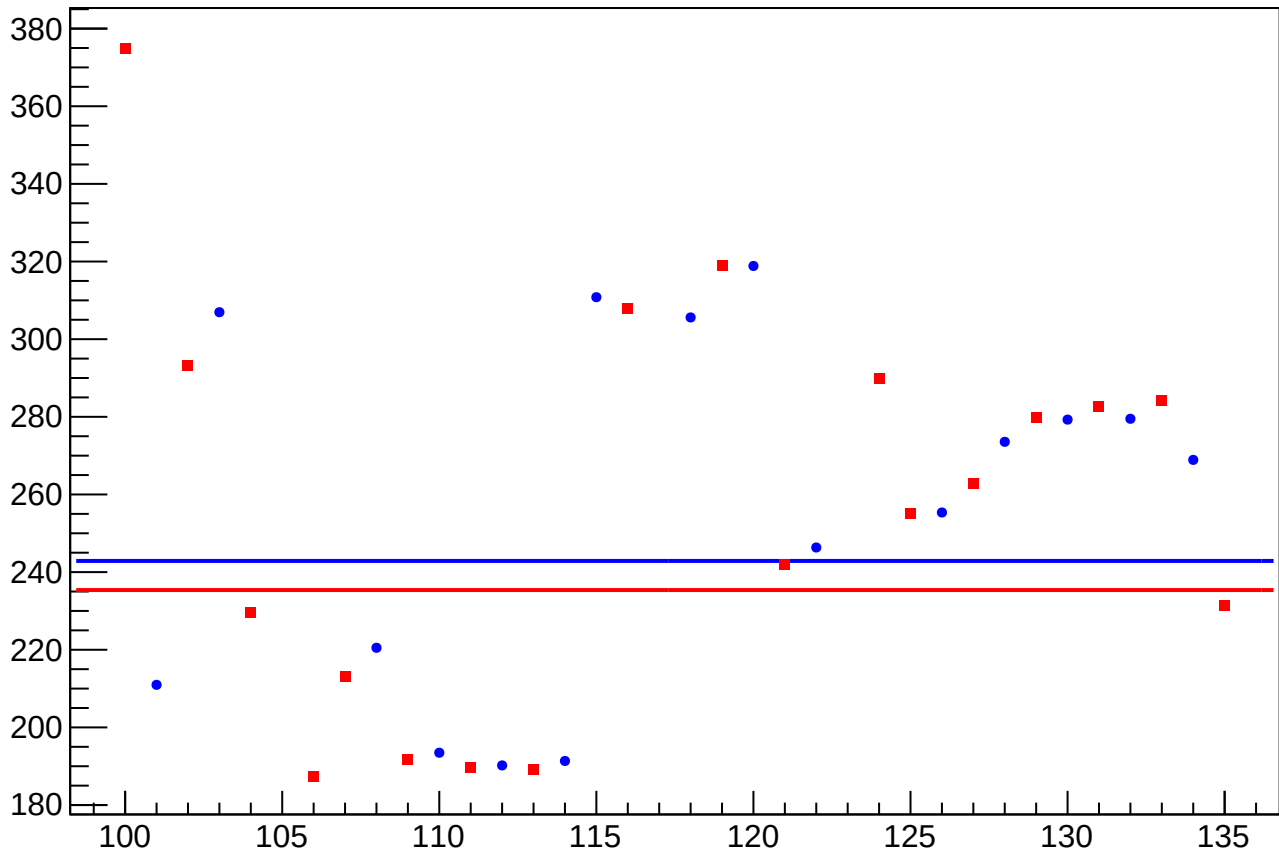
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -148.890 $\pm$ 66.116 χ^2 /NDF: 27.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_rms vs Slug



Right In: 242.880 $\pm$ 0.069 χ^2 /NDF: 384646.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 235.383 $\pm$ 0.063 χ^2 /NDF: 479568.0/17

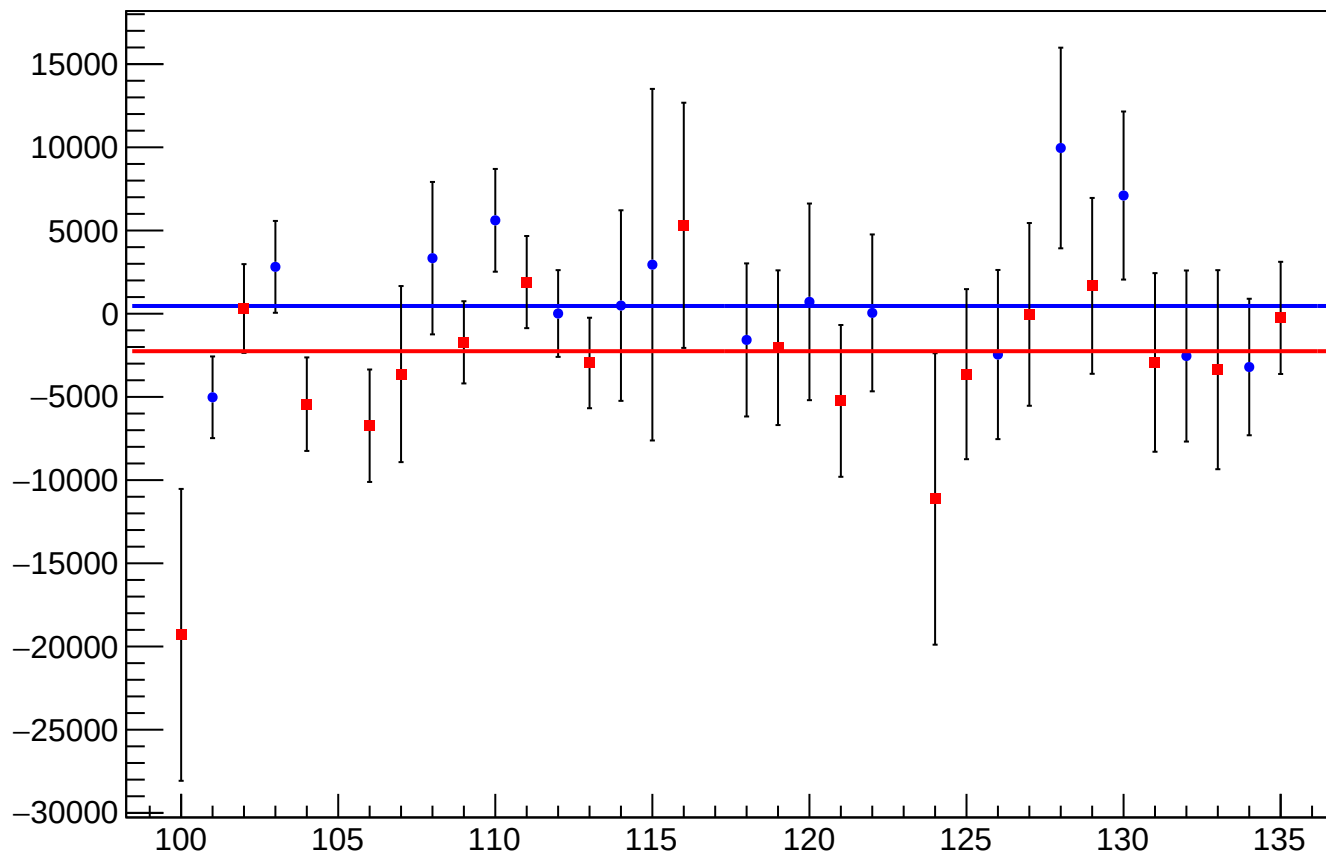
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 238.777 $\pm$ 0.047 χ^2 /NDF: 870585.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_mean vs Slug



Right In: 464.415 $\pm$ 1020.669 χ^2 /NDF: 14.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2252.424 $\pm$ 906.532 χ^2 /NDF: 13.9/17

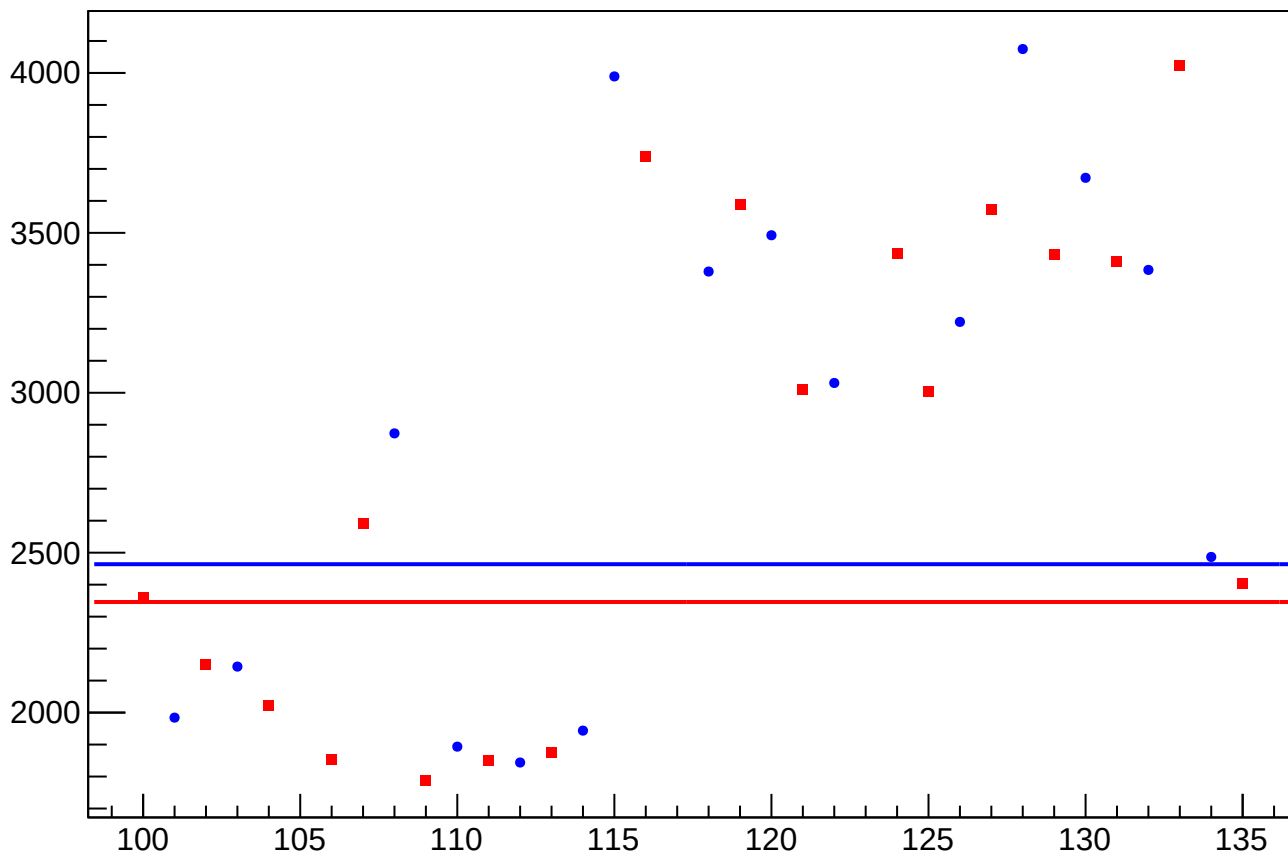
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1054.345 $\pm$ 677.791 χ^2 /NDF: 32.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_correction_rms vs Slug



Right In: 2463.940+/-0.722 χ^2/NDF : 893305.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

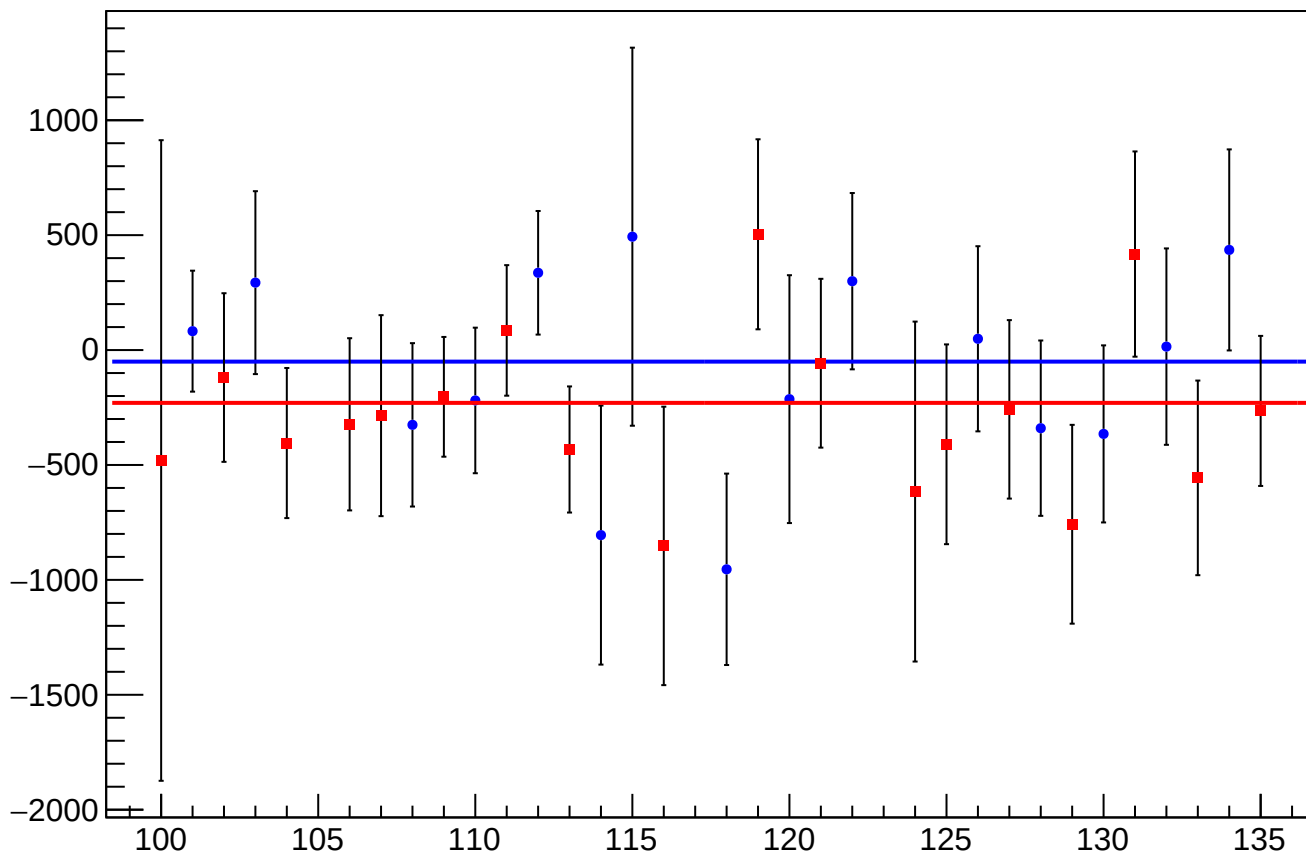
Right Out: 2345.799+/-0.641 χ^2/NDF : 1051791.7/17

All: 2397.897+/-0.479 χ^2/NDF : 1960076.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam4_mean vs Slug



Right In: -50.305 $\pm$ 98.261 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -229.804 $\pm$ 89.390 χ^2 /NDF: 11.3/17

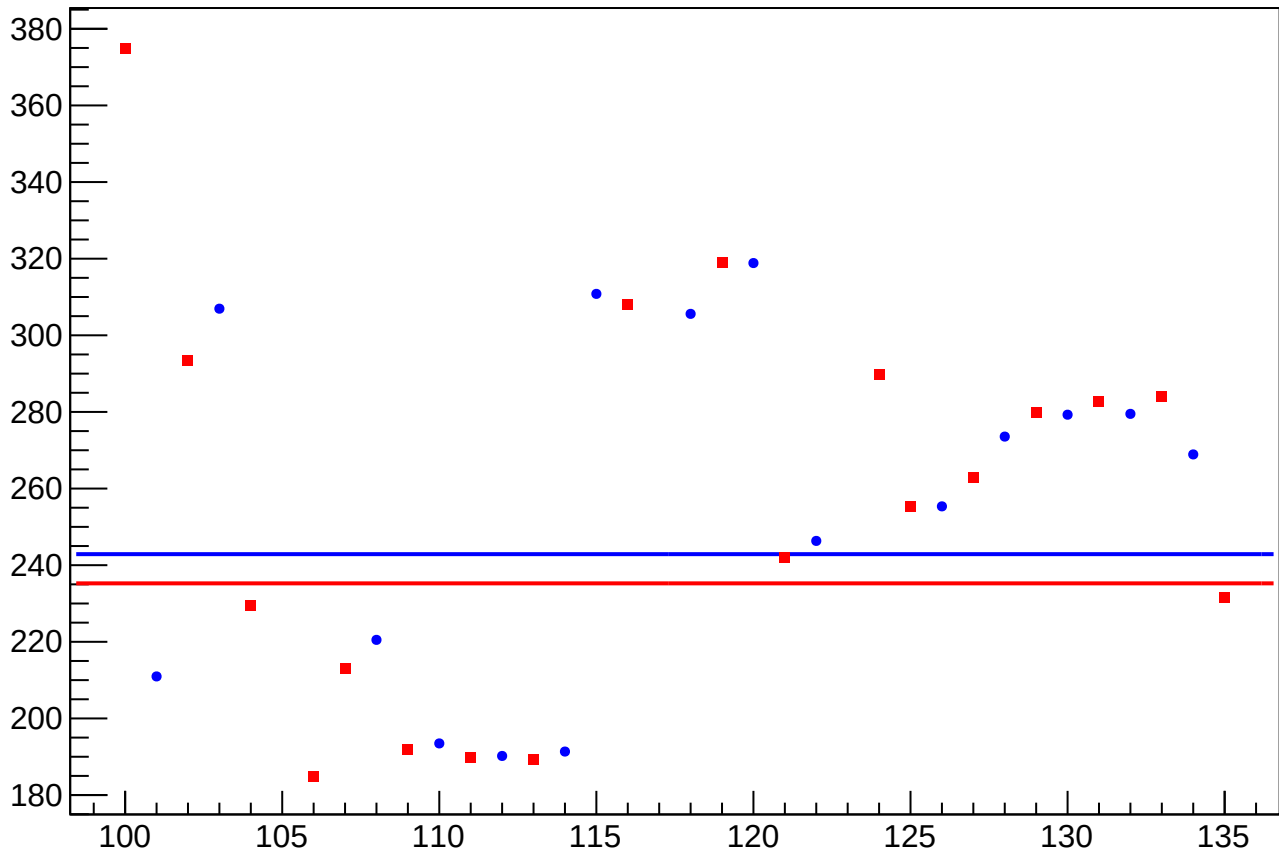
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -148.521 $\pm$ 66.122 χ^2 /NDF: 27.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam4_rms vs Slug



Right In: 242.880+/-0.069 χ^2/NDF : 384649.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 235.257+/-0.063 χ^2/NDF : 483124.2/17

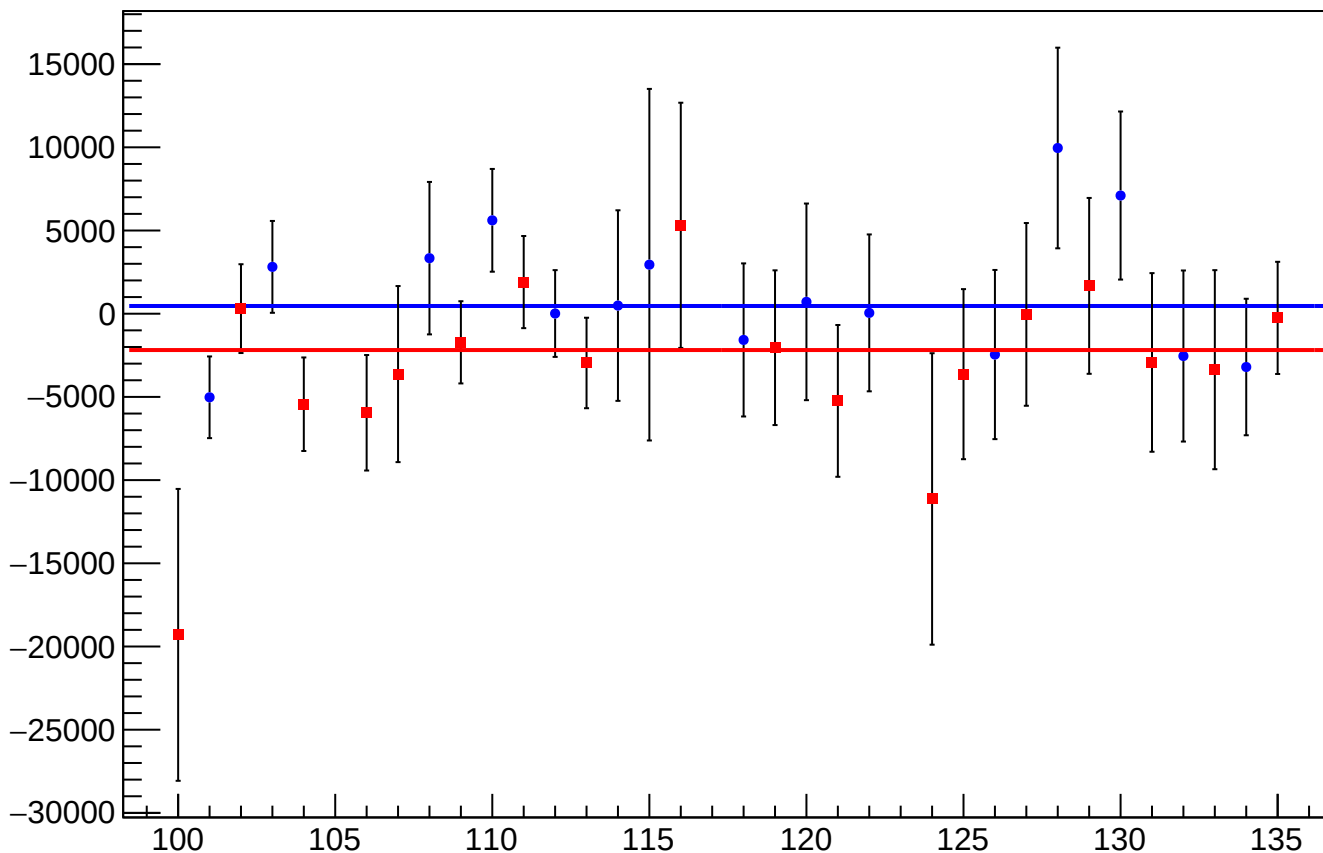
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.709+/-0.047 χ^2/NDF : 874358.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_mean vs Slug



Right In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2183.492+/-908.294 χ^2/NDF : 13.3/17

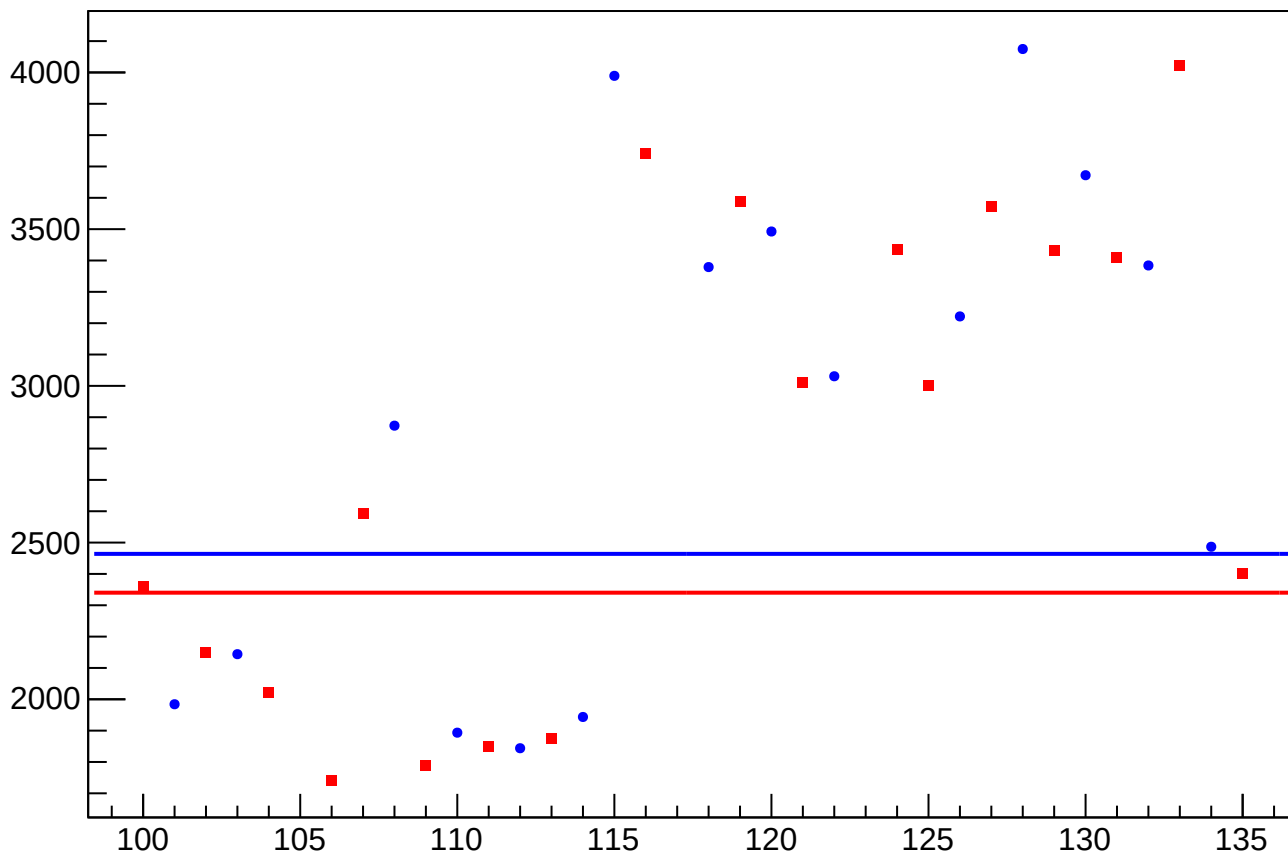
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1013.370+/-678.530 χ^2/NDF : 31.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_cor_correction_rms vs Slug



Right In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

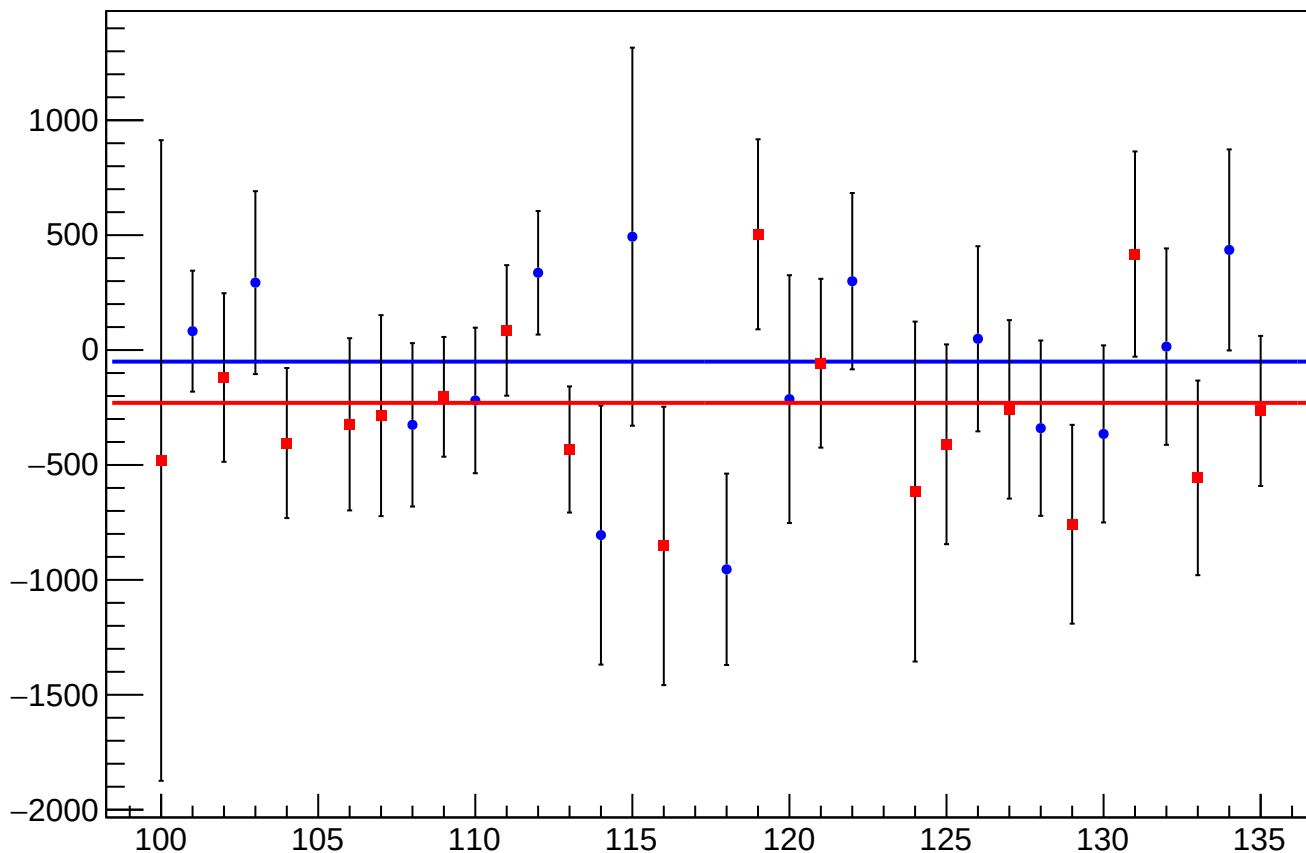
Right Out: 2340.144+/-0.642 χ^2/NDF : 1069682.9/17

All: 2394.866+/-0.480 χ^2/NDF : 1979383.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_mean vs Slug



Right In: -50.305+/-98.261 χ^2/NDF : 14.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -229.804+/-89.390 χ^2/NDF : 11.3/17

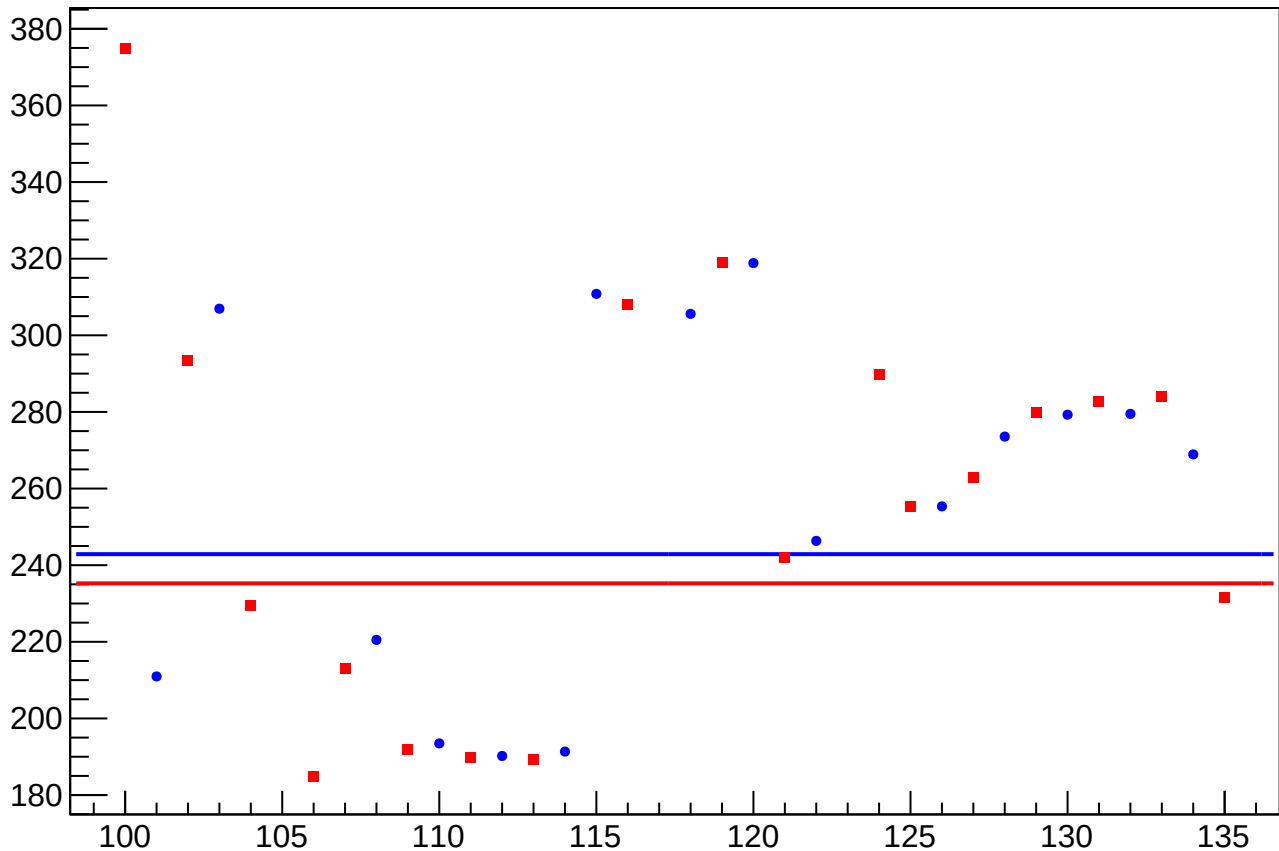
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -148.521+/-66.122 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam4_rms vs Slug



Right In: 242.880 $\pm$ 0.069 χ^2 /NDF: 384649.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 235.257 $\pm$ 0.063 χ^2 /NDF: 483124.2/17

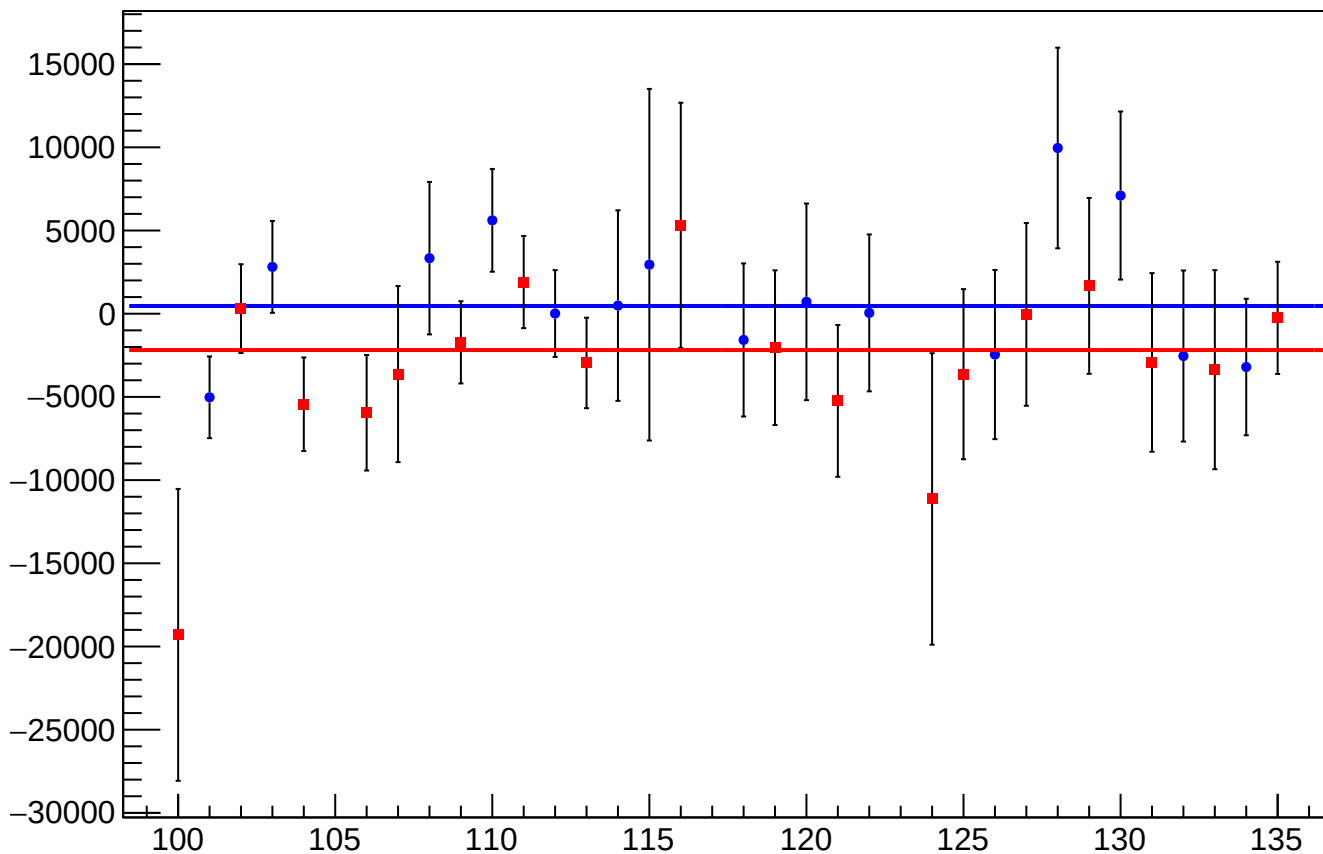
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 238.709 $\pm$ 0.047 χ^2 /NDF: 874358.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_correction_mean vs Slug



Right In: 464.231+/-1020.680 χ^2/NDF : 14.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2183.492+/-908.294 χ^2/NDF : 13.3/17

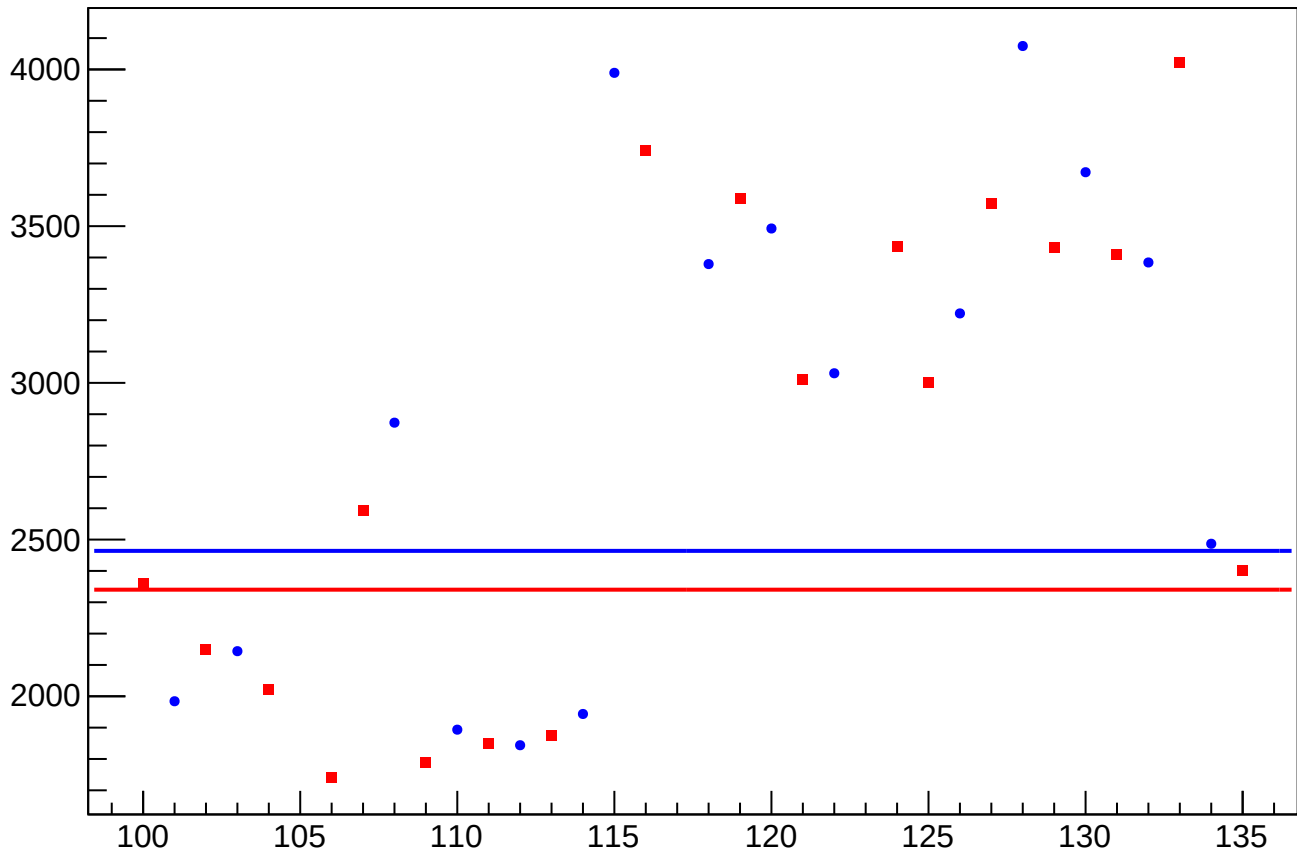
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -1013.370+/-678.530 χ^2/NDF : 31.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_cor_correction_rms vs Slug



Right In: 2463.969+/-0.722 χ^2/NDF : 893273.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

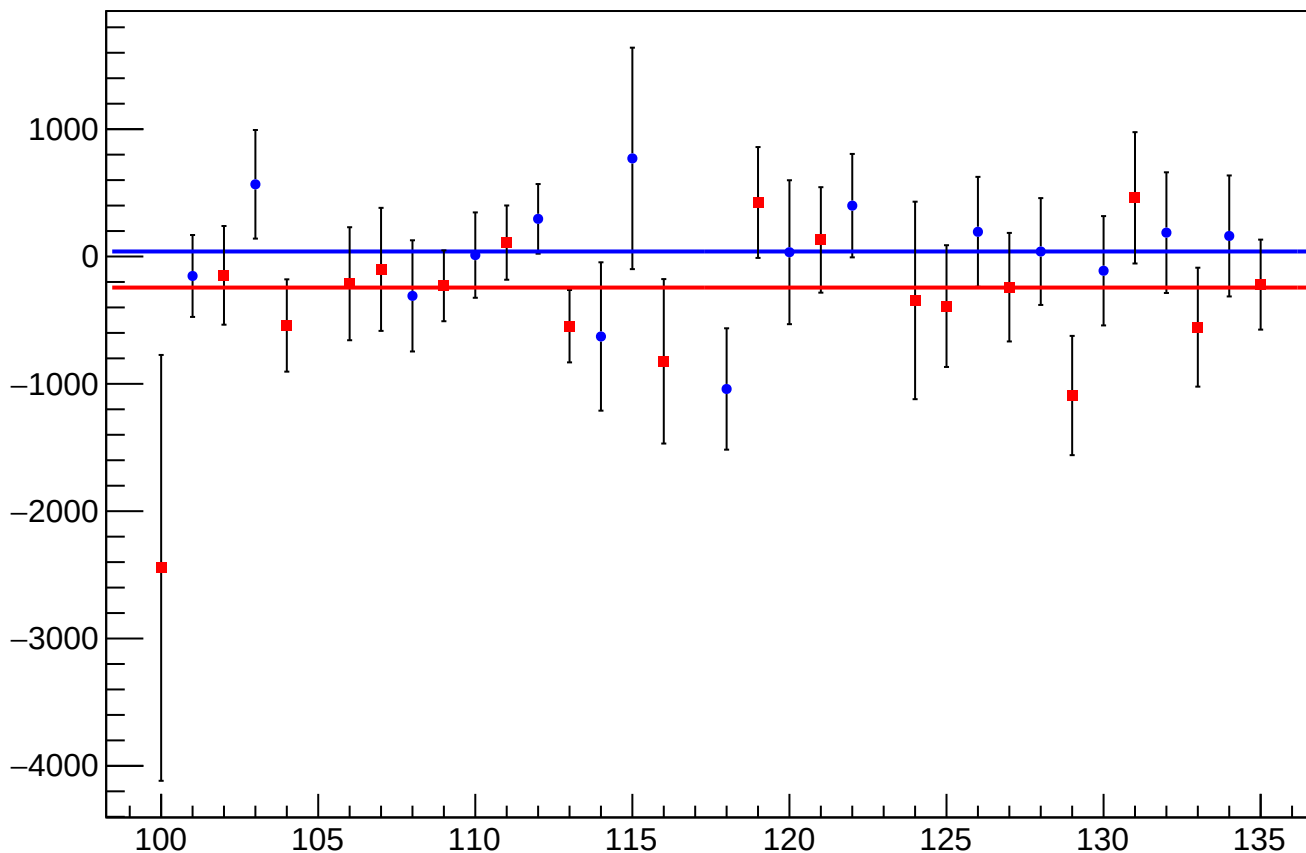
Right Out: 2340.144+/-0.642 χ^2/NDF : 1069682.9/17

All: 2394.866+/-0.480 χ^2/NDF : 1979383.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_mean vs Slug



Right In: 39.478+/-107.885 χ^2/NDF : 11.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -243.913+/-96.668 χ^2/NDF : 14.8/17

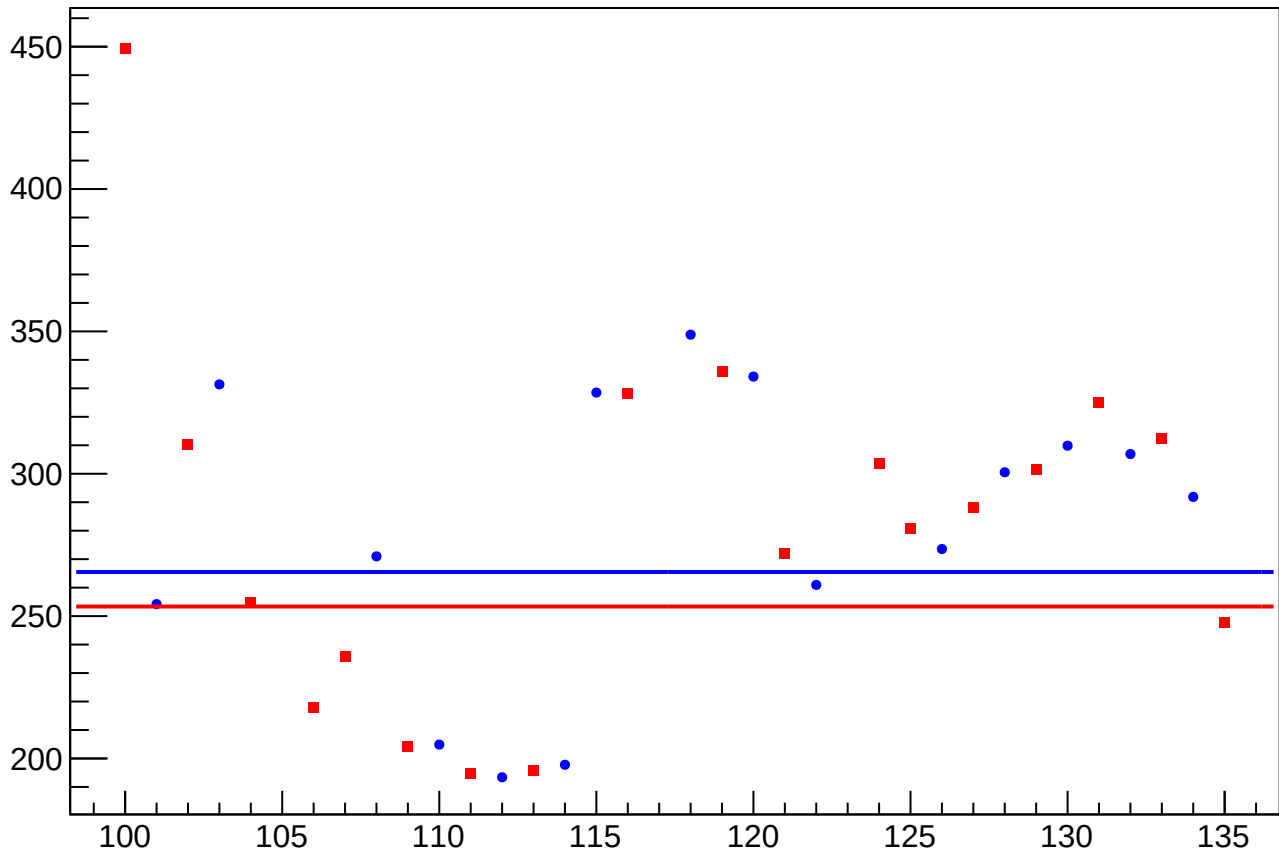
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -117.711+/-71.995 χ^2/NDF : 30.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam4_rms vs Slug



Right In: 265.508 $\pm$ 0.076 χ^2 /NDF: 440873.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 253.372 $\pm$ 0.068 χ^2 /NDF: 535069.3/17

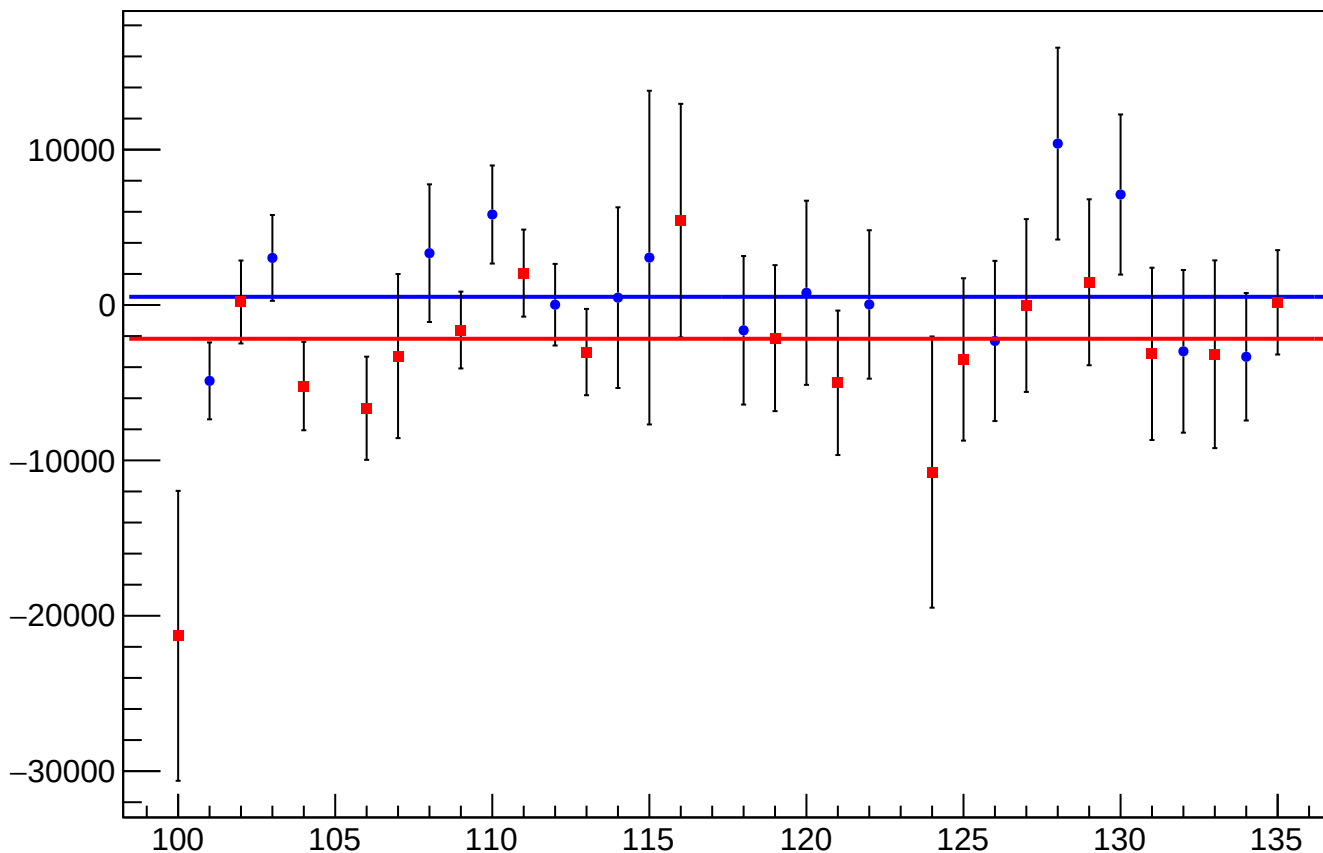
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.776 $\pm$ 0.051 χ^2 /NDF: 989981.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_mean vs Slug



Right In: 527.880 $\pm$ 1030.127 χ^2 /NDF: 15.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2172.061 $\pm$ 913.766 χ^2 /NDF: 14.0/17

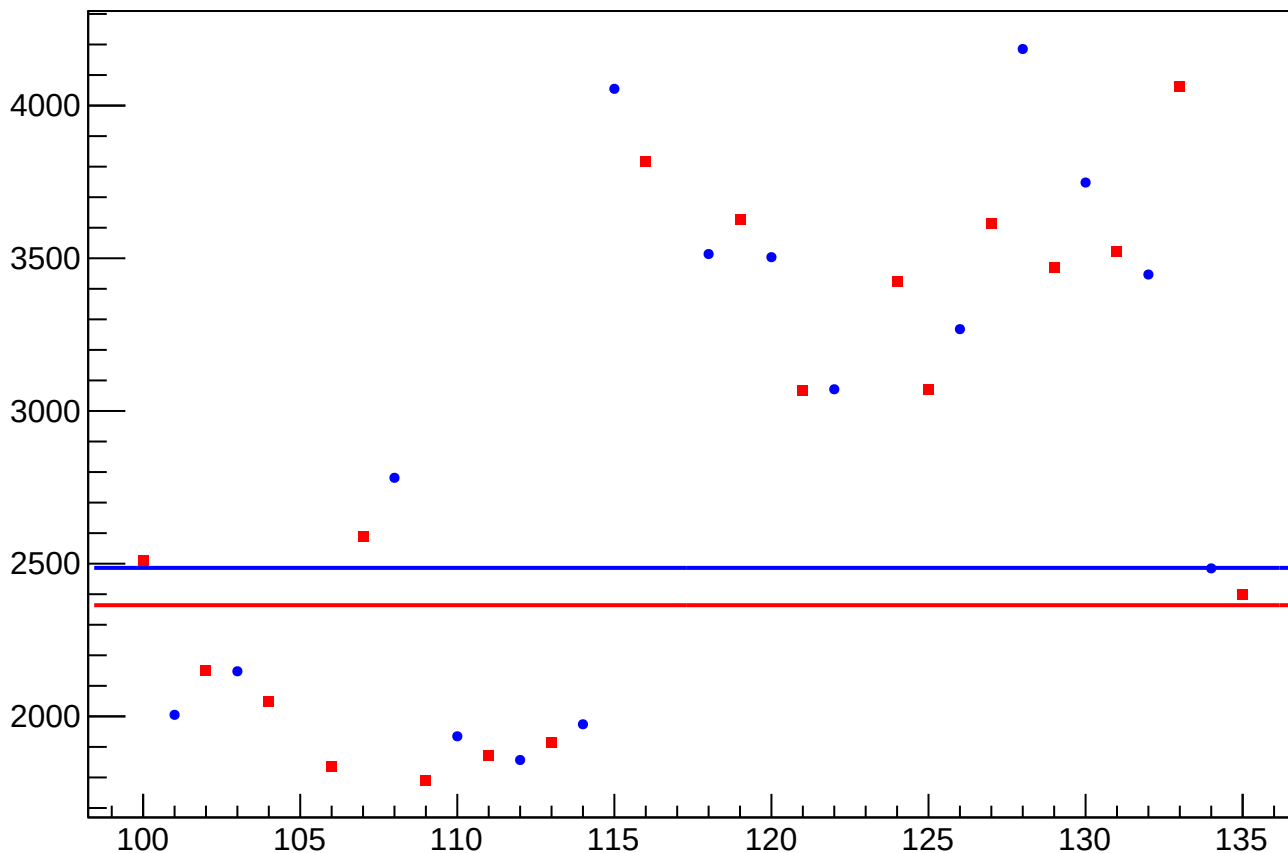
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -983.132 $\pm$ 683.584 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_correction_rms vs Slug



Right In: 2486.218 $\pm$ 0.728 χ^2 /NDF: 914444.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

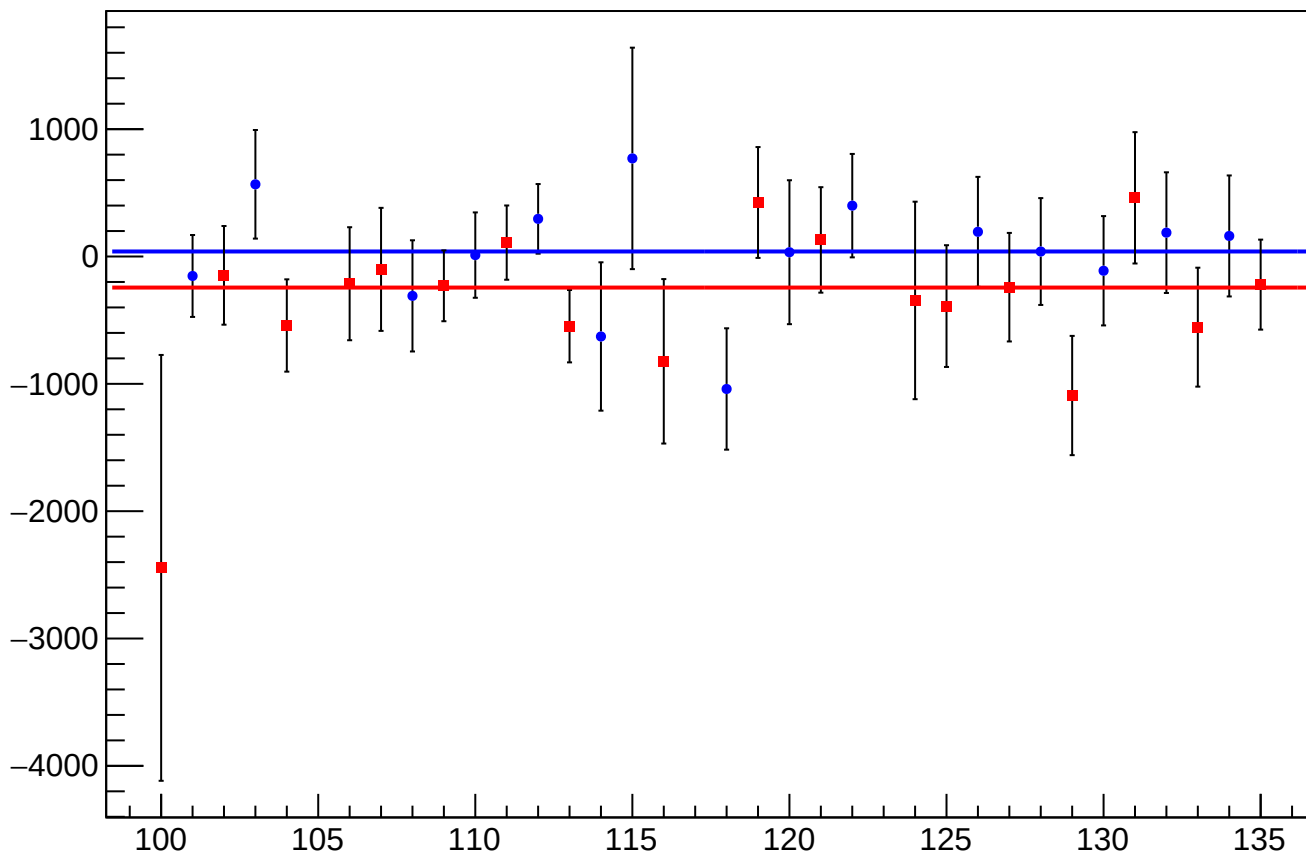
Right Out: 2364.040 $\pm$ 0.646 χ^2 /NDF: 1076761.4/17

All: 2417.842 $\pm$ 0.483 χ^2 /NDF: 2006951.0/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam4_mean vs Slug



Right In: 39.480 ± 107.885 χ^2/NDF : 11.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -243.912 ± 96.668 χ^2/NDF : 14.8/17

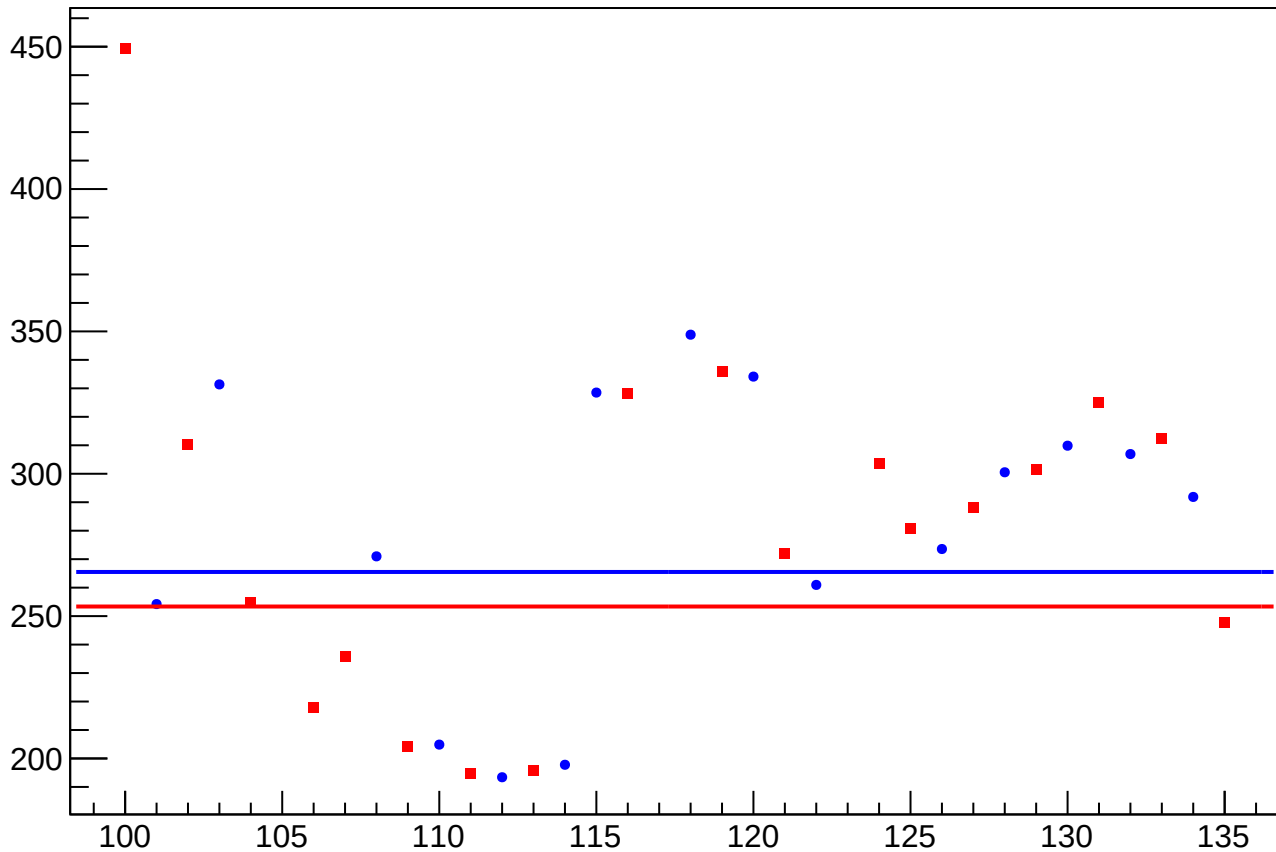
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.710 ± 71.995 χ^2/NDF : 30.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam4_rms vs Slug



Right In: 265.508 $\pm$ 0.076 χ^2 /NDF: 440877.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 253.372 $\pm$ 0.068 χ^2 /NDF: 535072.7/17

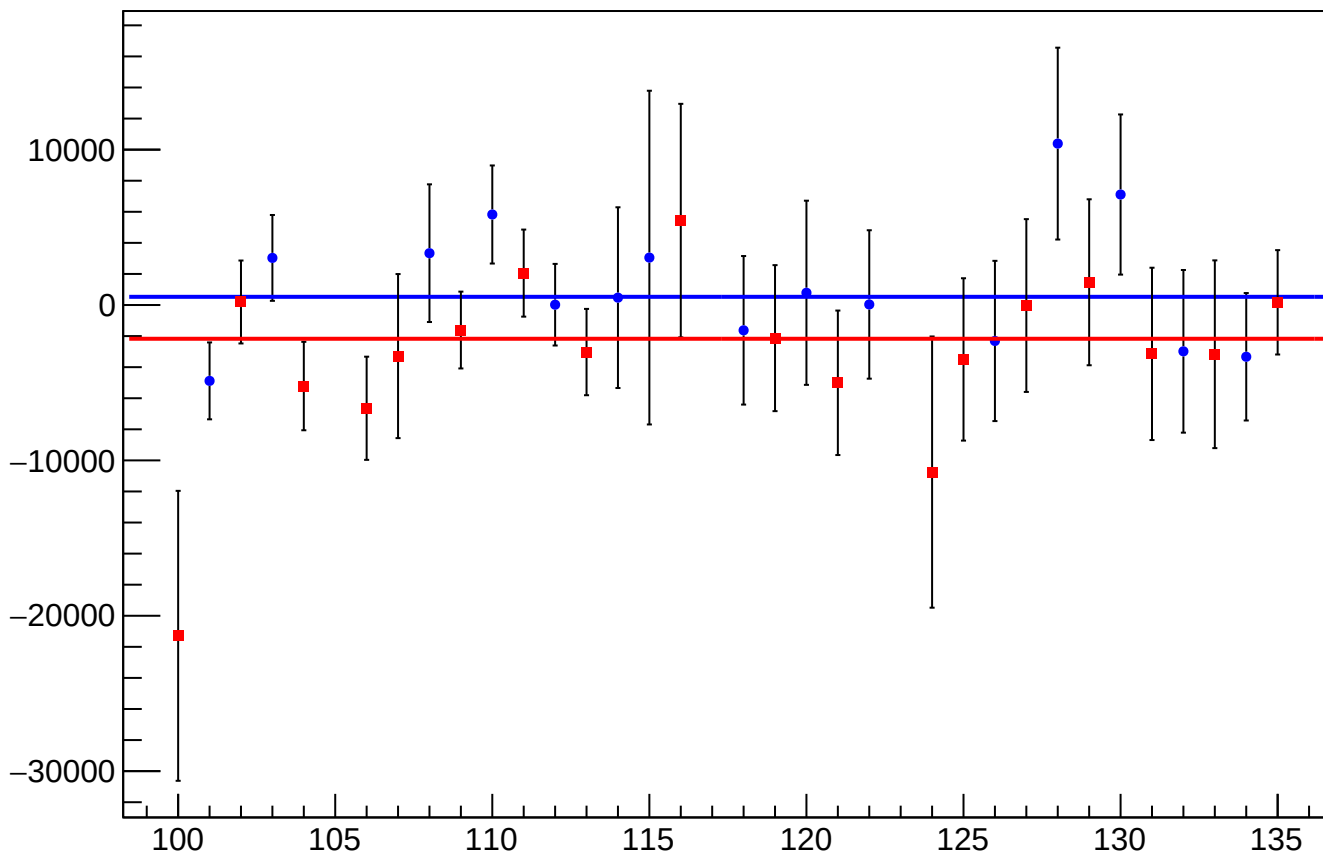
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 258.776 $\pm$ 0.051 χ^2 /NDF: 989988.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_mean vs Slug



Right In: 527.880 $\pm$ 1030.127 χ^2 /NDF: 15.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -2172.059 $\pm$ 913.765 χ^2 /NDF: 14.0/17

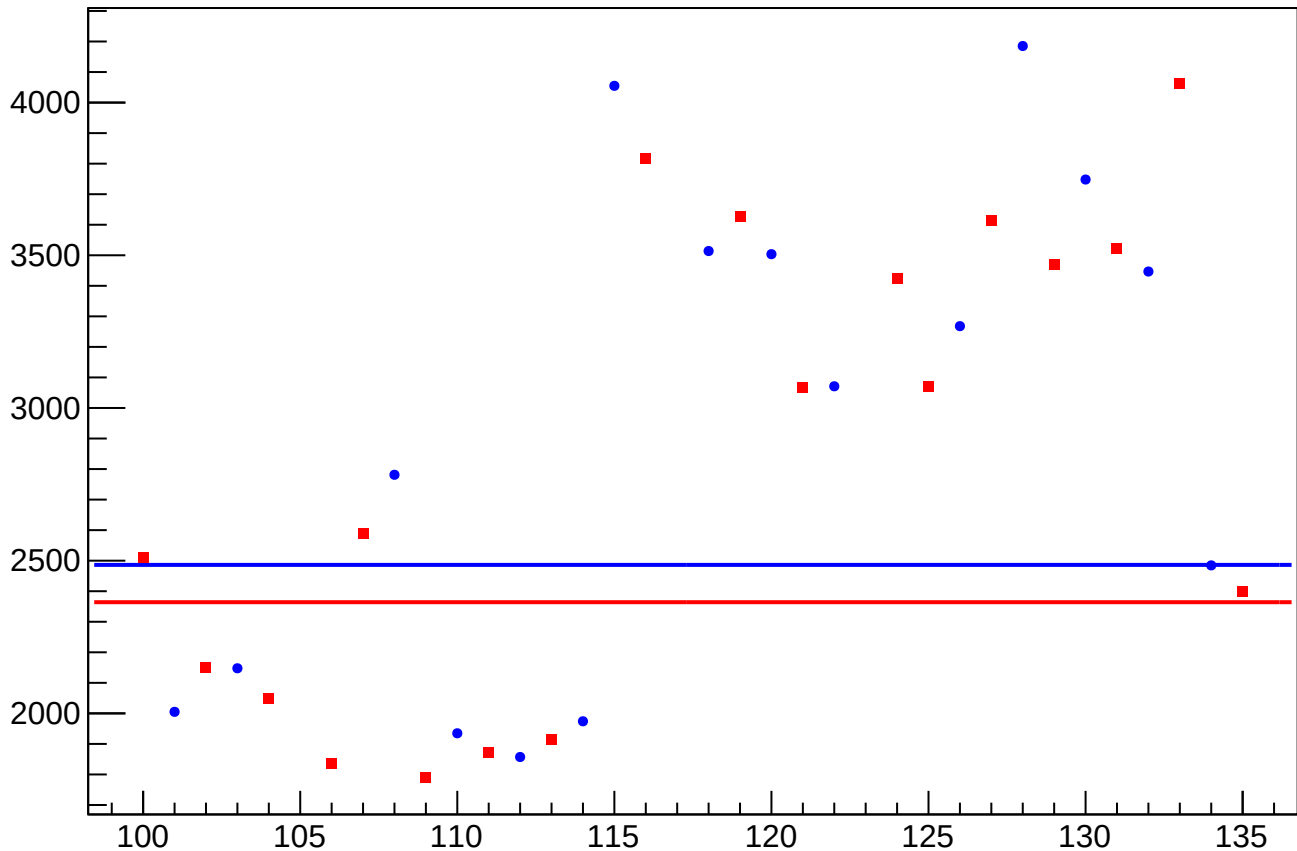
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -983.131 $\pm$ 683.583 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_correction_rms vs Slug



Right In: 2486.217+/-0.728 χ^2/NDF : 914447.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

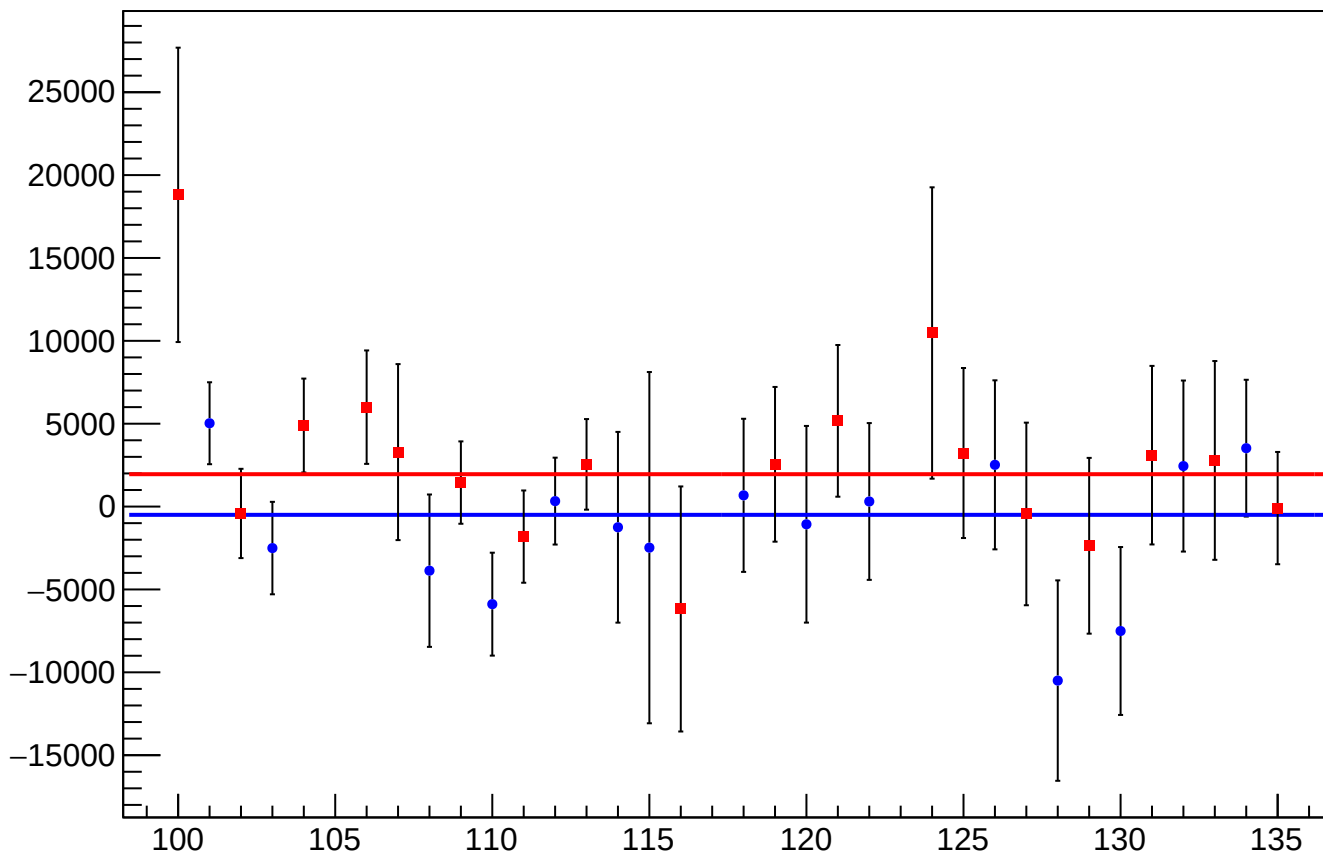
Right Out: 2364.038+/-0.646 χ^2/NDF : 1076763.8/17

All: 2417.840+/-0.483 χ^2/NDF : 2006956.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_mean vs Slug



Right In: -498.713+/-1026.549 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1953.745+/-912.193 χ^2/NDF : 12.8/17

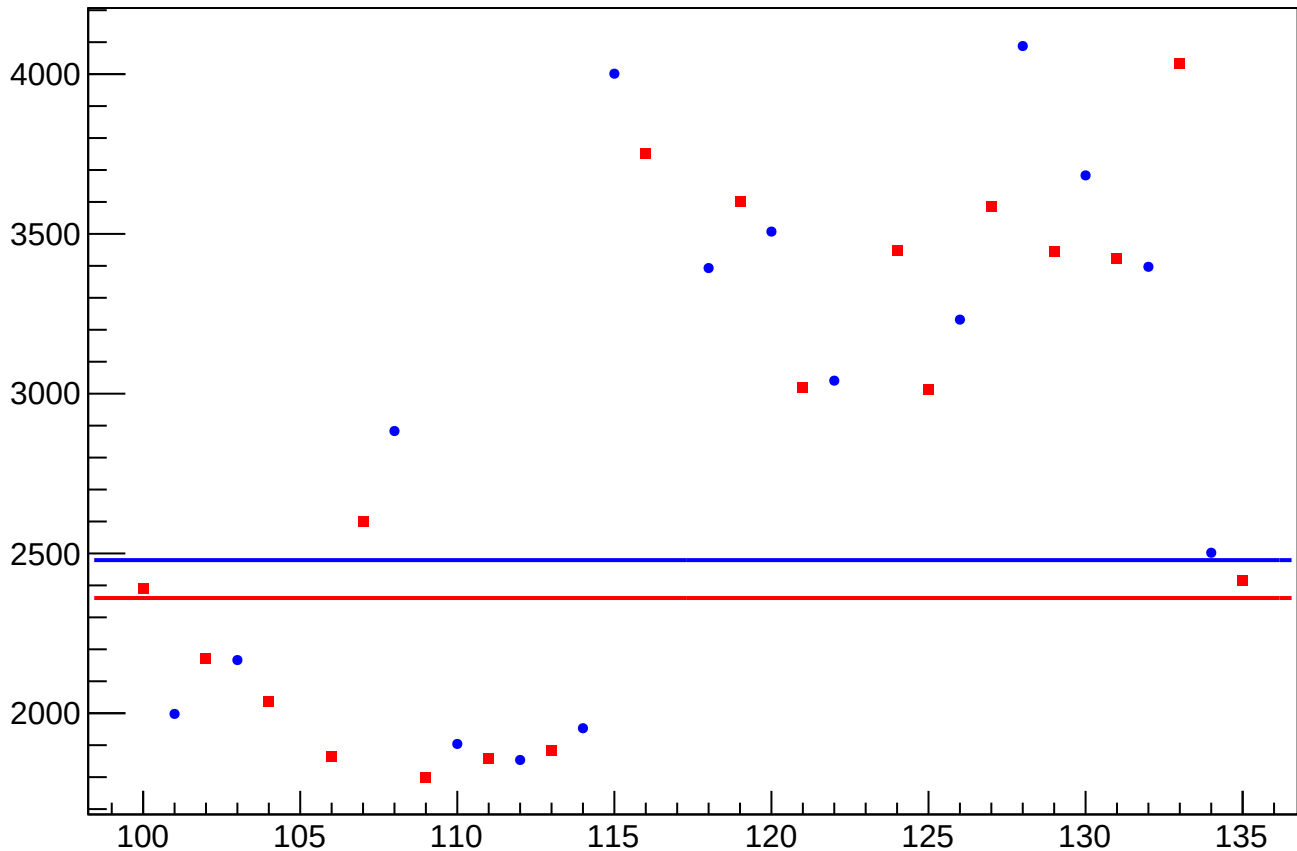
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 871.672+/-681.879 χ^2/NDF : 31.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_rms vs Slug



Right In: 2479.112 ± 0.726 $\chi^2/\text{NDF}: 884950.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

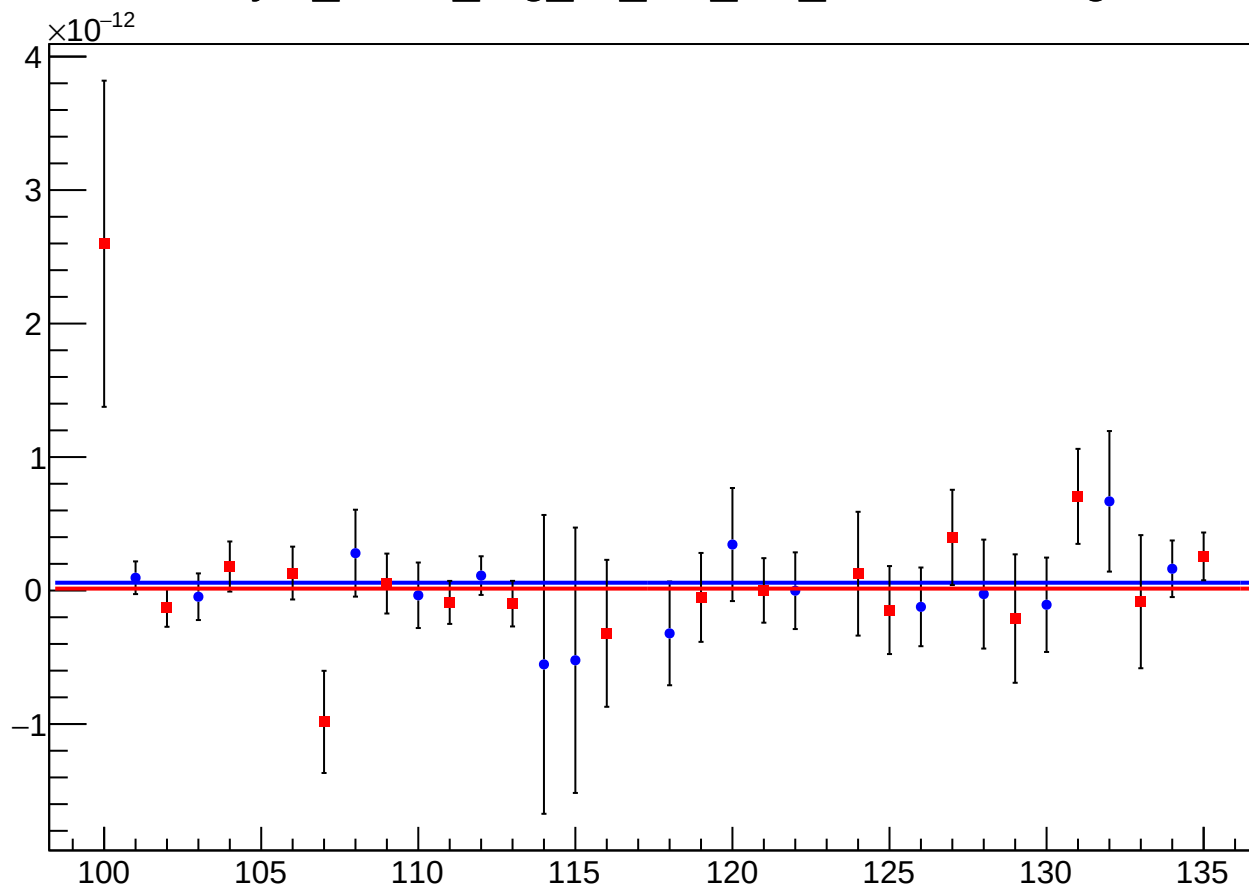
Right Out: 2360.526 ± 0.645 $\chi^2/\text{NDF}: 1042780.1/17$

All: 2412.848 ± 0.482 $\chi^2/\text{NDF}: 1942644.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam4_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 5.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.0/17

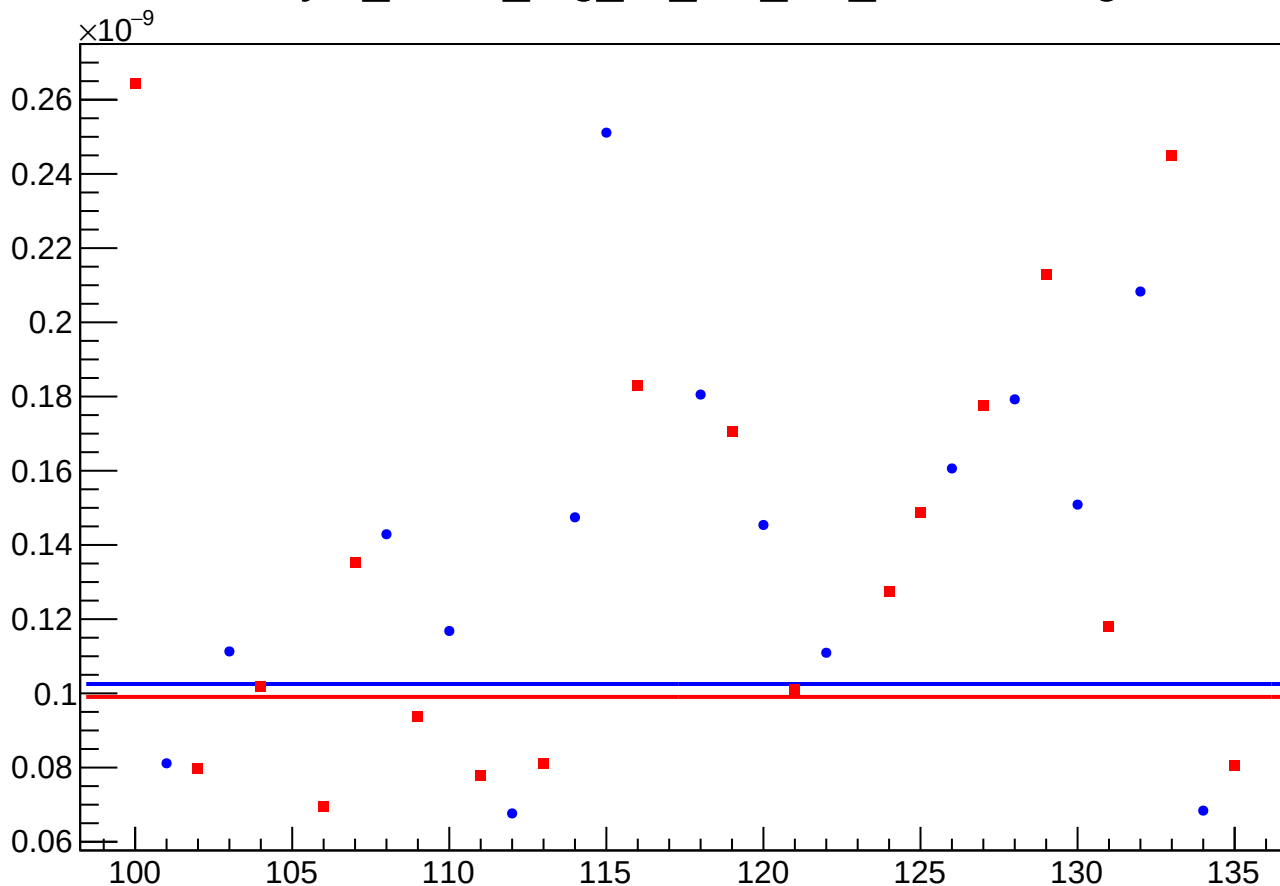
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 688589.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 793054.2/17

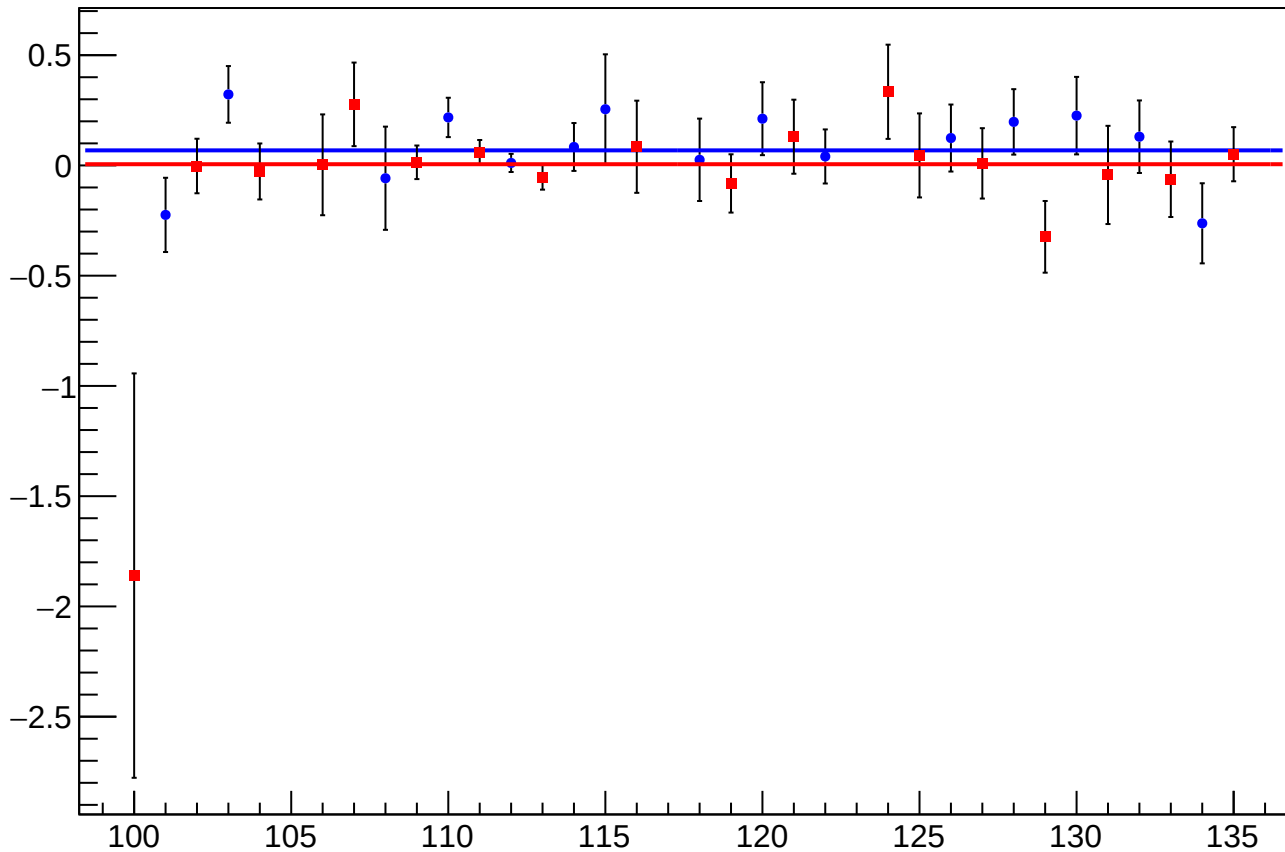
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 1484962.3/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_cor_diff_mean vs Slug



Right In: 0.068 $\pm$ 0.028 χ^2 /NDF: 18.5/14

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

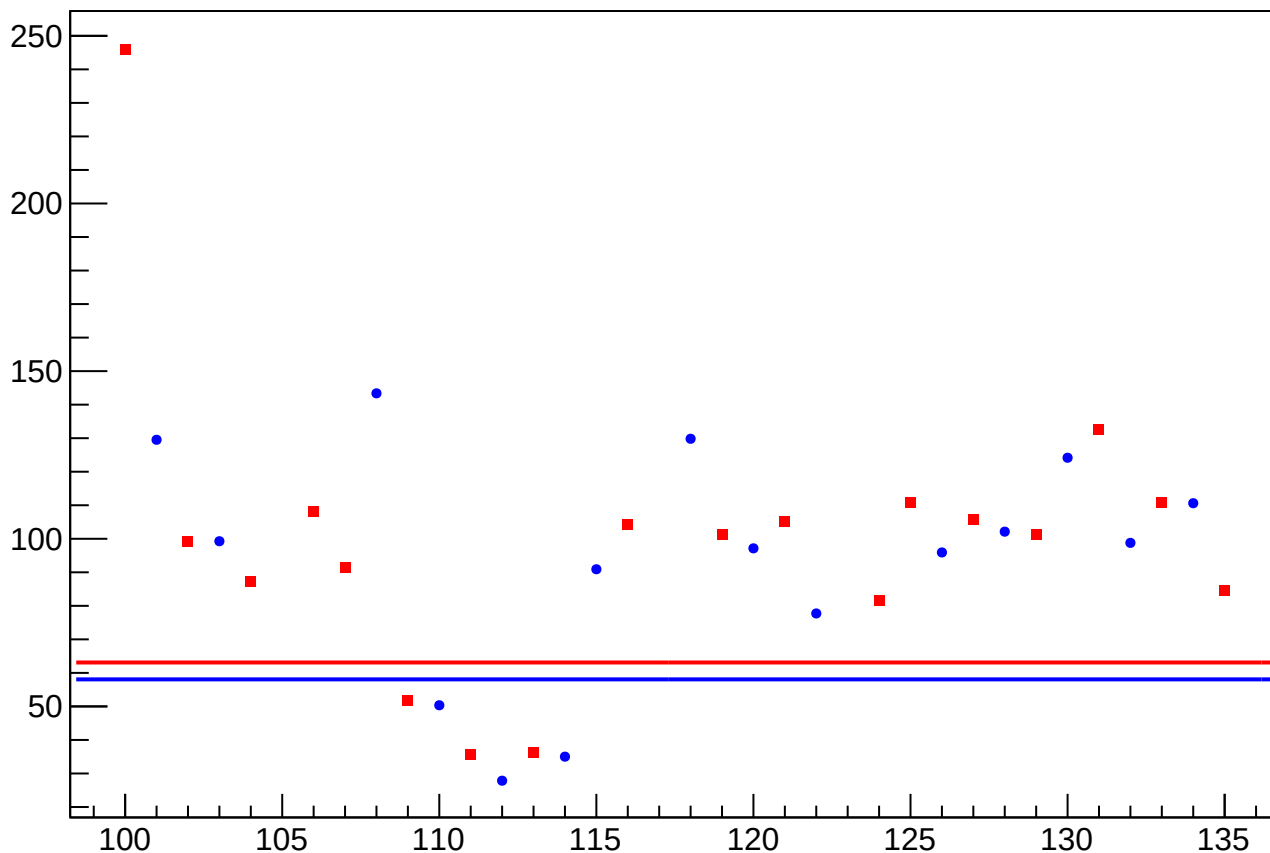
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.020 χ^2 /NDF: 37.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_cor_diff_rms vs Slug



Right In: 58.067+/-0.020 χ^2/NDF : 3381529.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.104+/-0.019 χ^2/NDF : 2626750.1/17

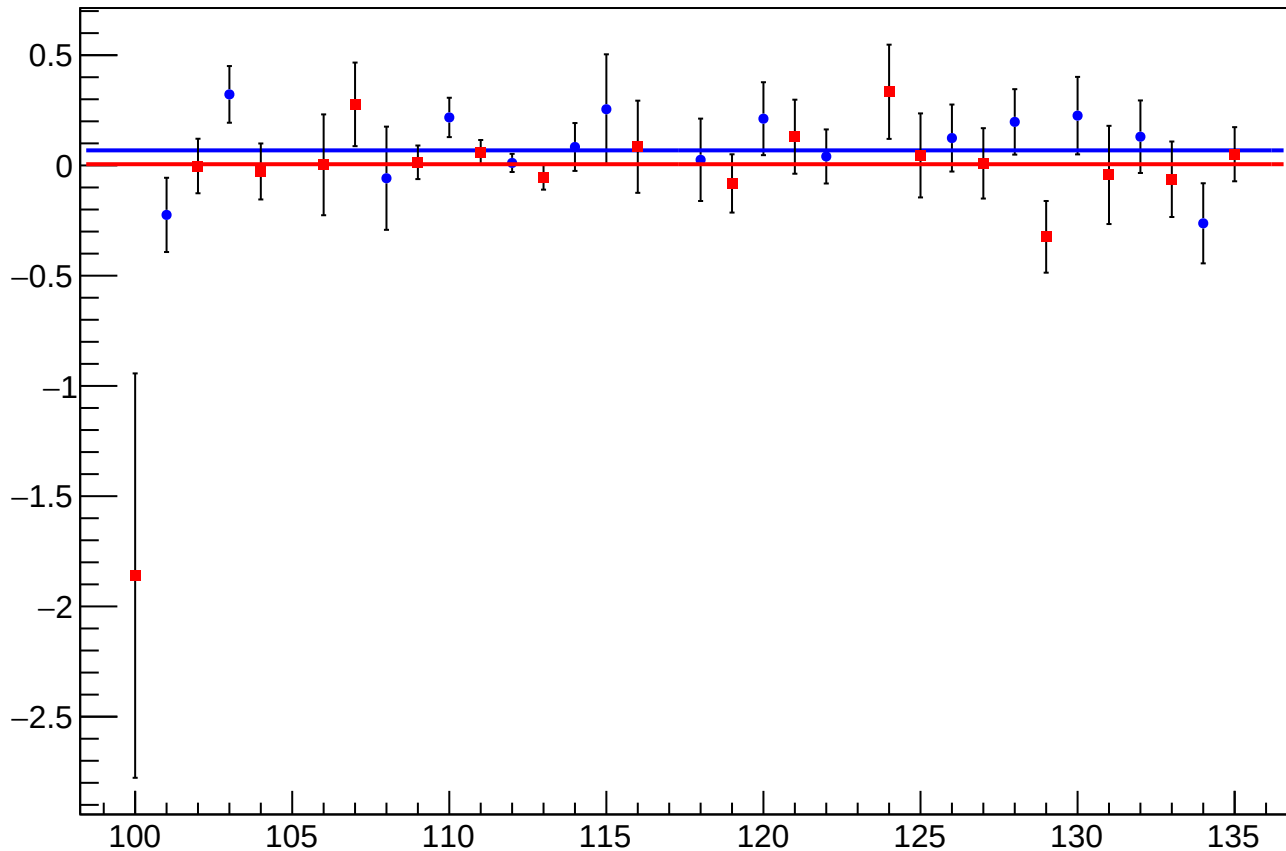
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.692+/-0.014 χ^2/NDF : 6041365.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.068 $\pm$ 0.028 χ^2 /NDF: 18.5/14

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

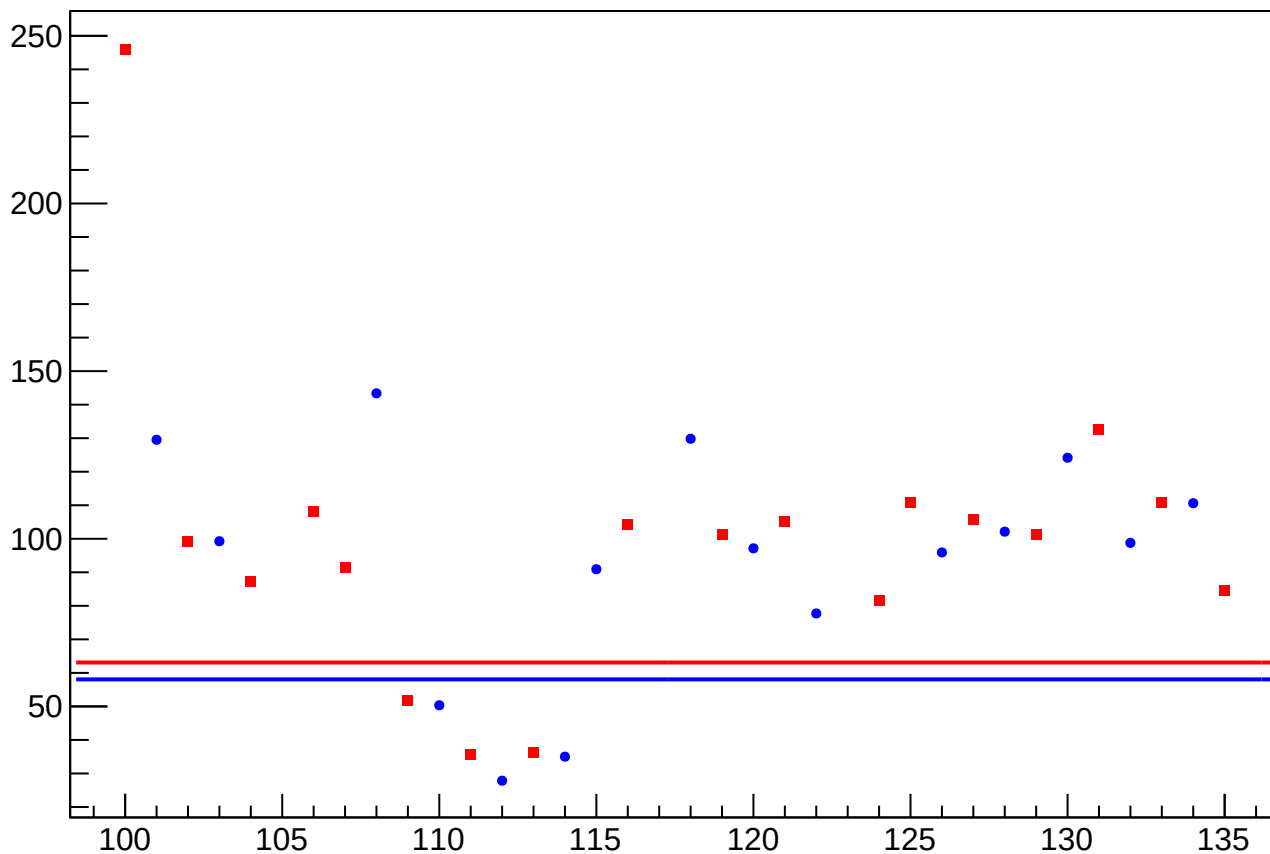
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.020 χ^2 /NDF: 37.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.067+/-0.020 χ^2/NDF : 3381529.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.104+/-0.019 χ^2/NDF : 2626750.1/17

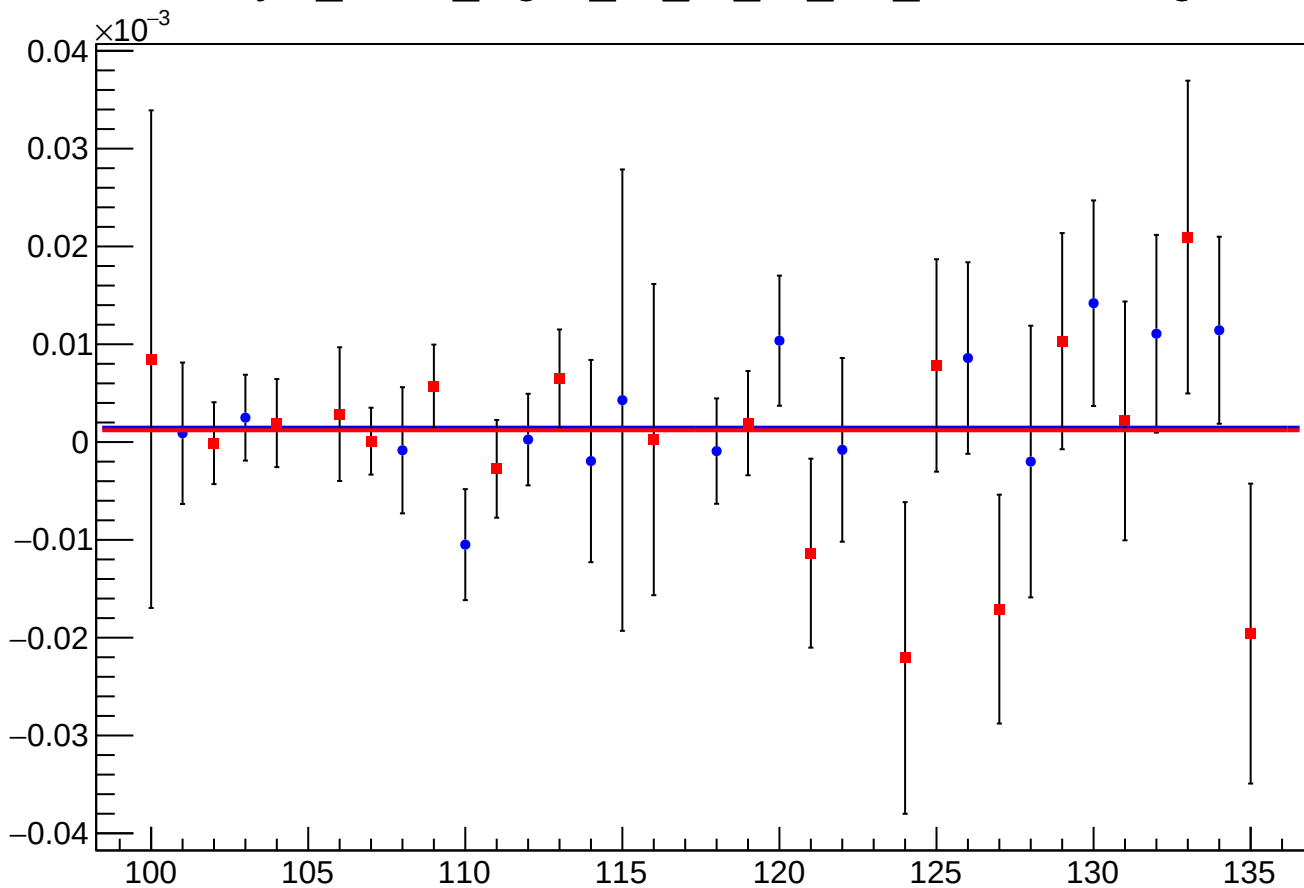
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.692+/-0.014 χ^2/NDF : 6041365.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/17

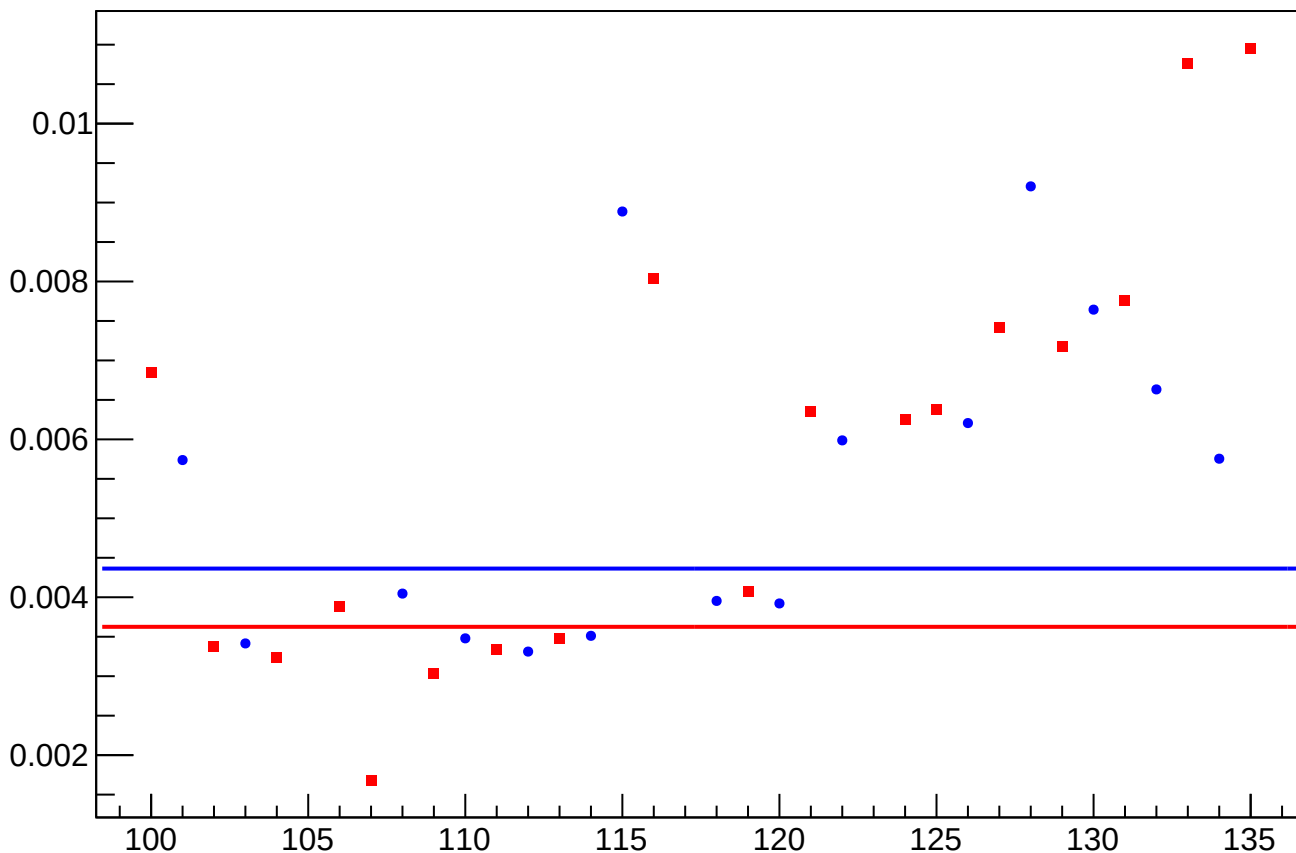
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 1139316.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.004+/-0.000 χ^2/NDF : 2763869.9/17

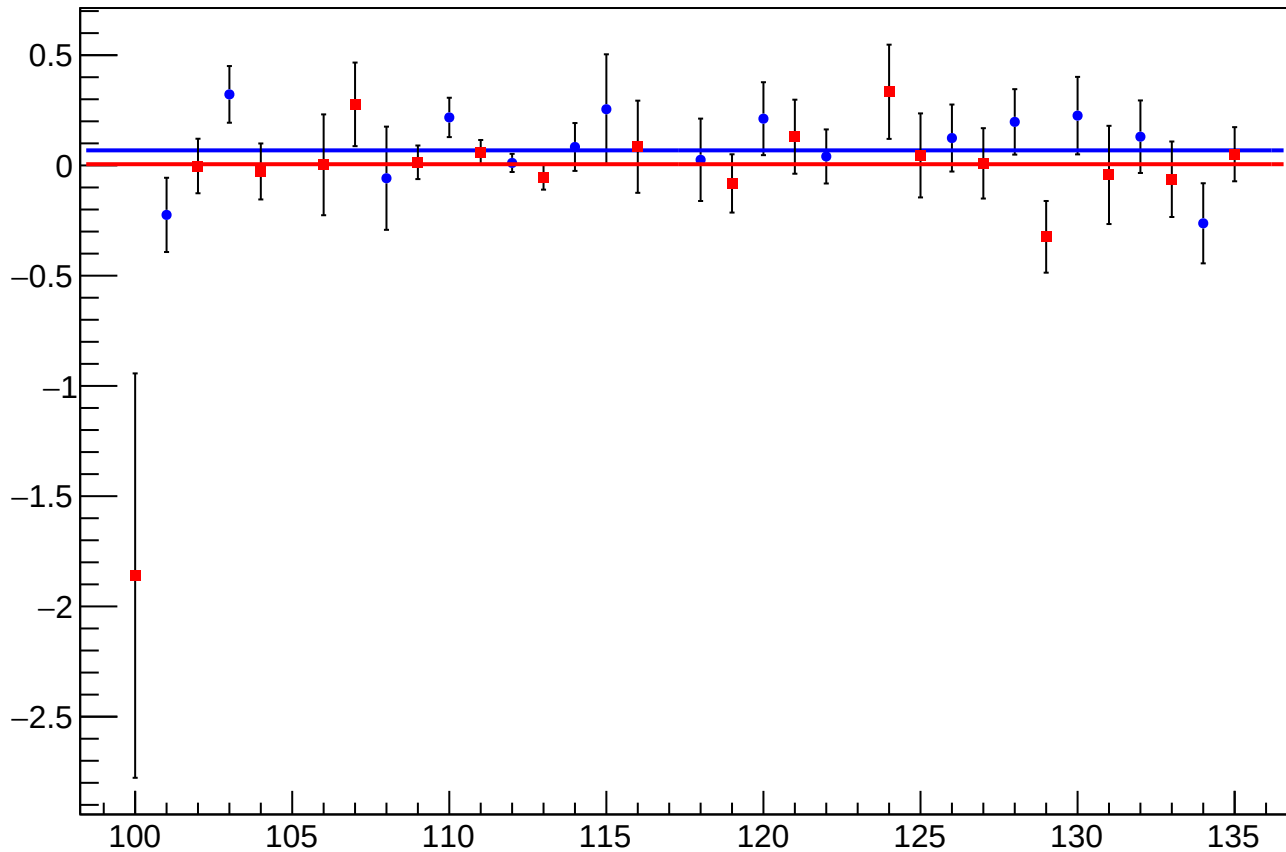
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.000 χ^2/NDF : 4096598.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.068 $\pm$ 0.028 χ^2 /NDF: 18.5/14

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

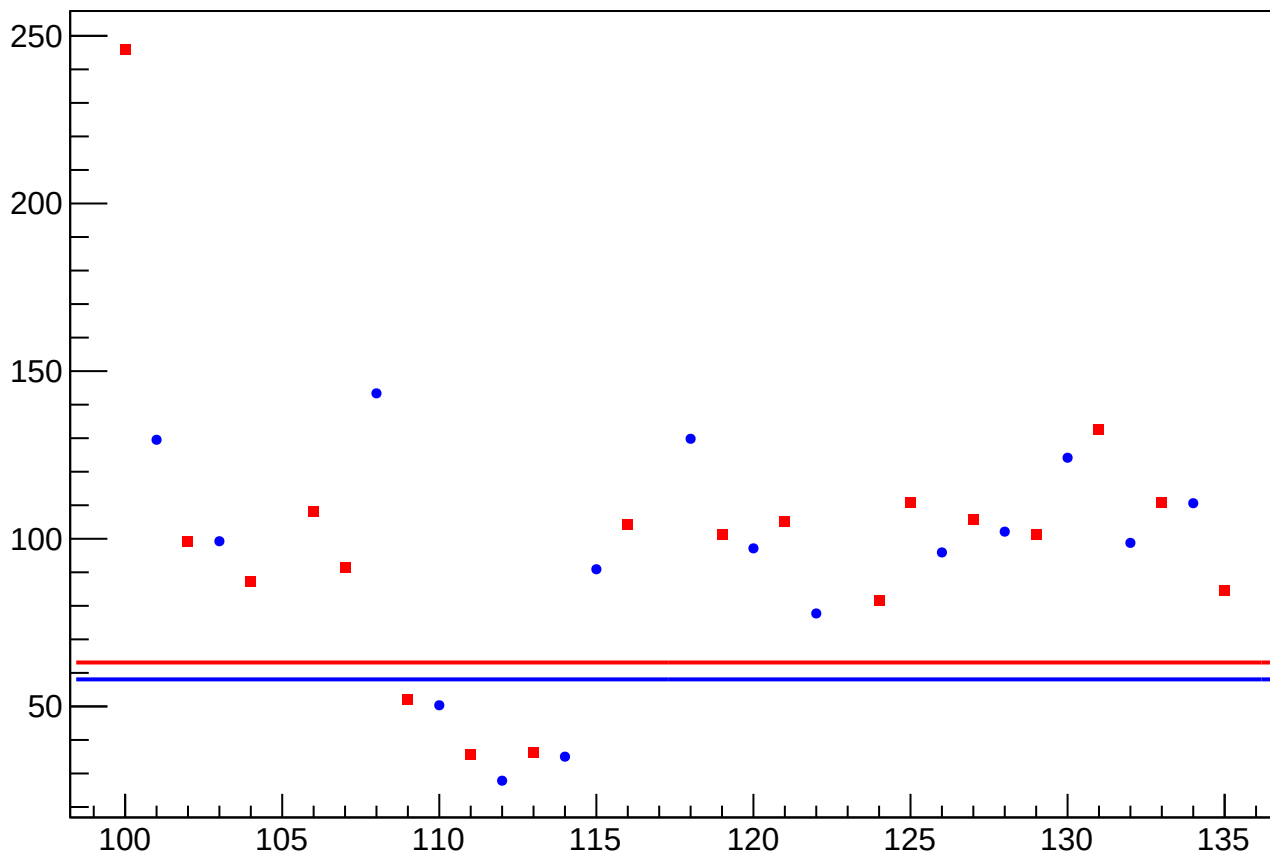
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.020 χ^2 /NDF: 37.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 58.065+/-0.020 χ^2/NDF : 3381744.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 63.102+/-0.019 χ^2/NDF : 2627013.3/17

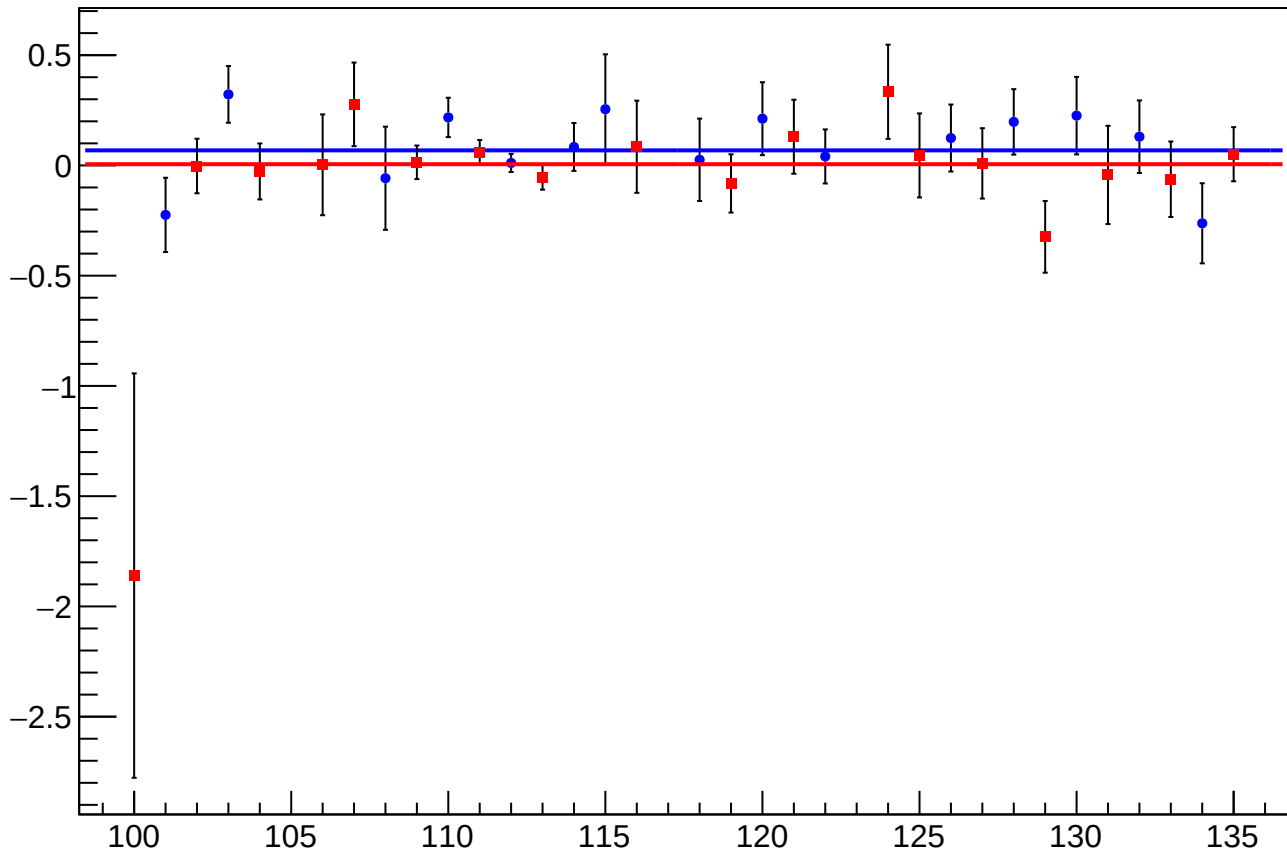
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.690+/-0.014 χ^2/NDF : 6041851.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.068 $\pm$ 0.028 χ^2 /NDF: 18.5/14

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

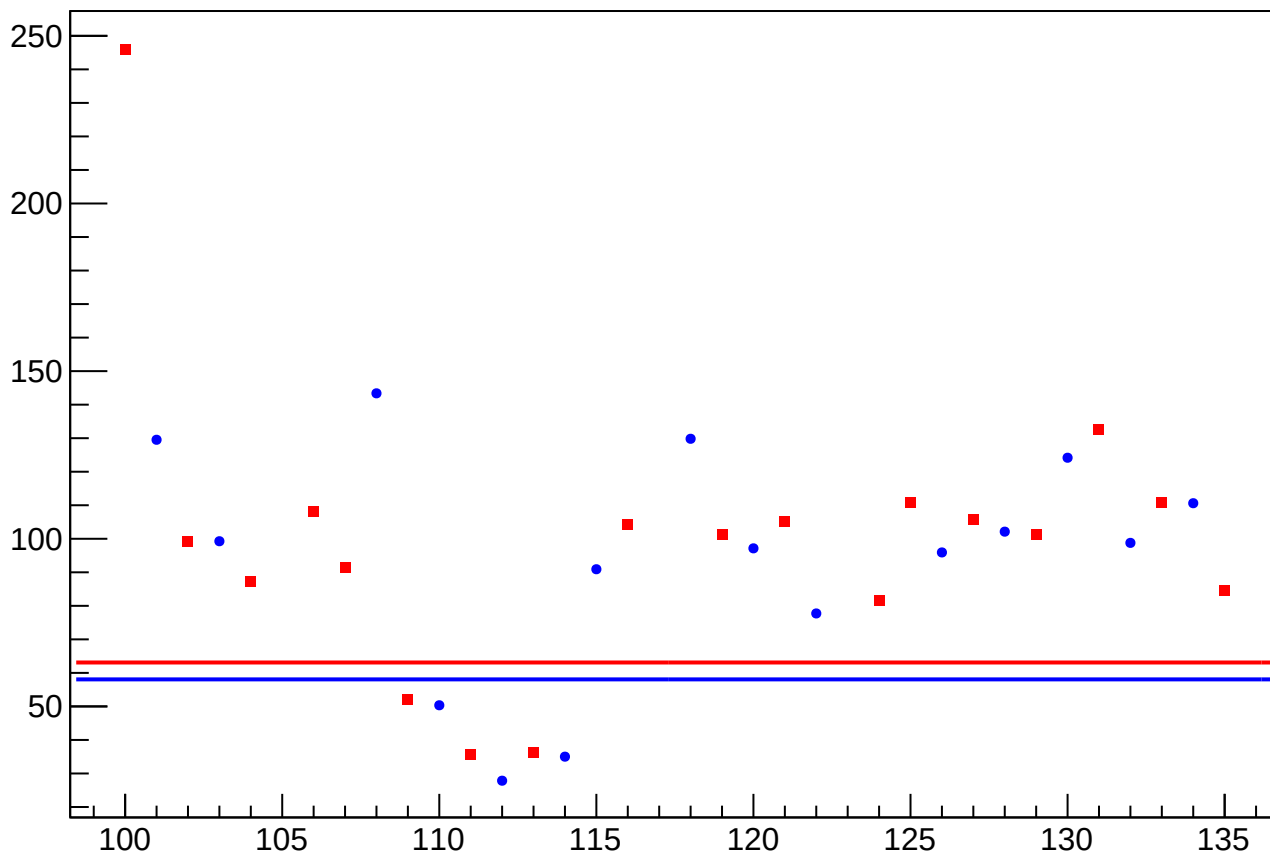
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.036 $\pm$ 0.020 χ^2 /NDF: 37.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 58.065 $\pm$ 0.020 χ^2 /NDF: 3381744.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 63.102 $\pm$ 0.019 χ^2 /NDF: 2627013.3/17

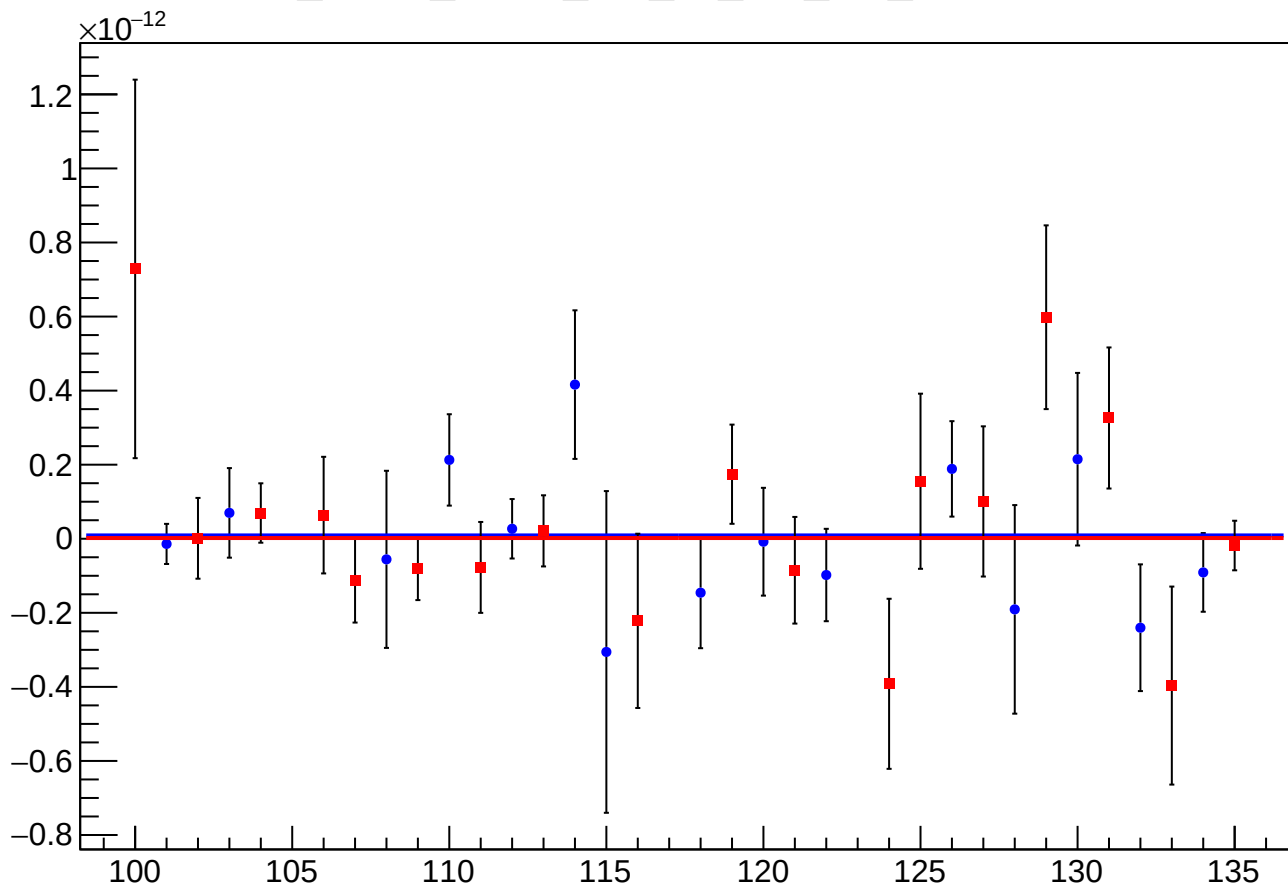
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.690 $\pm$ 0.014 χ^2 /NDF: 6041851.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 22.8/17

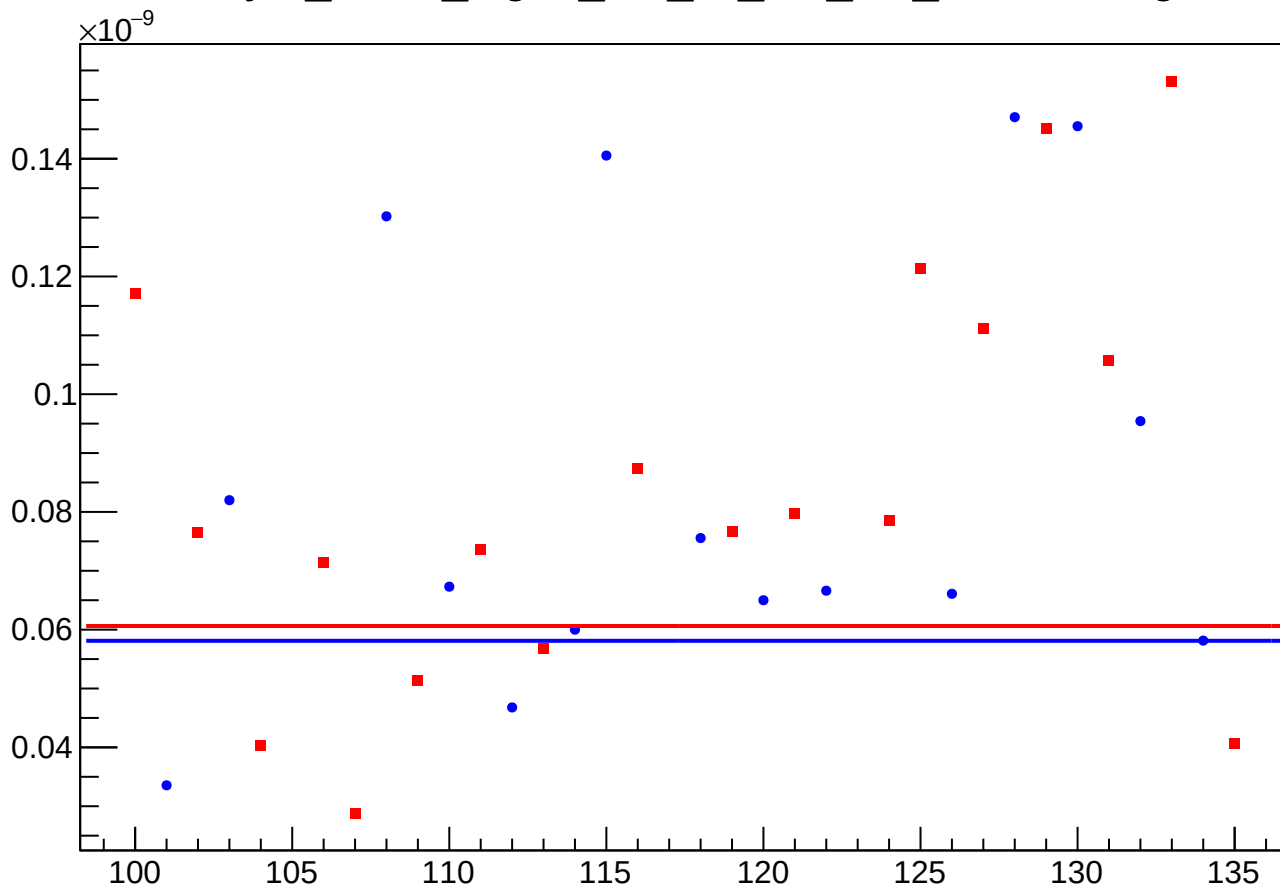
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam4_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1418444.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1527319.6/17

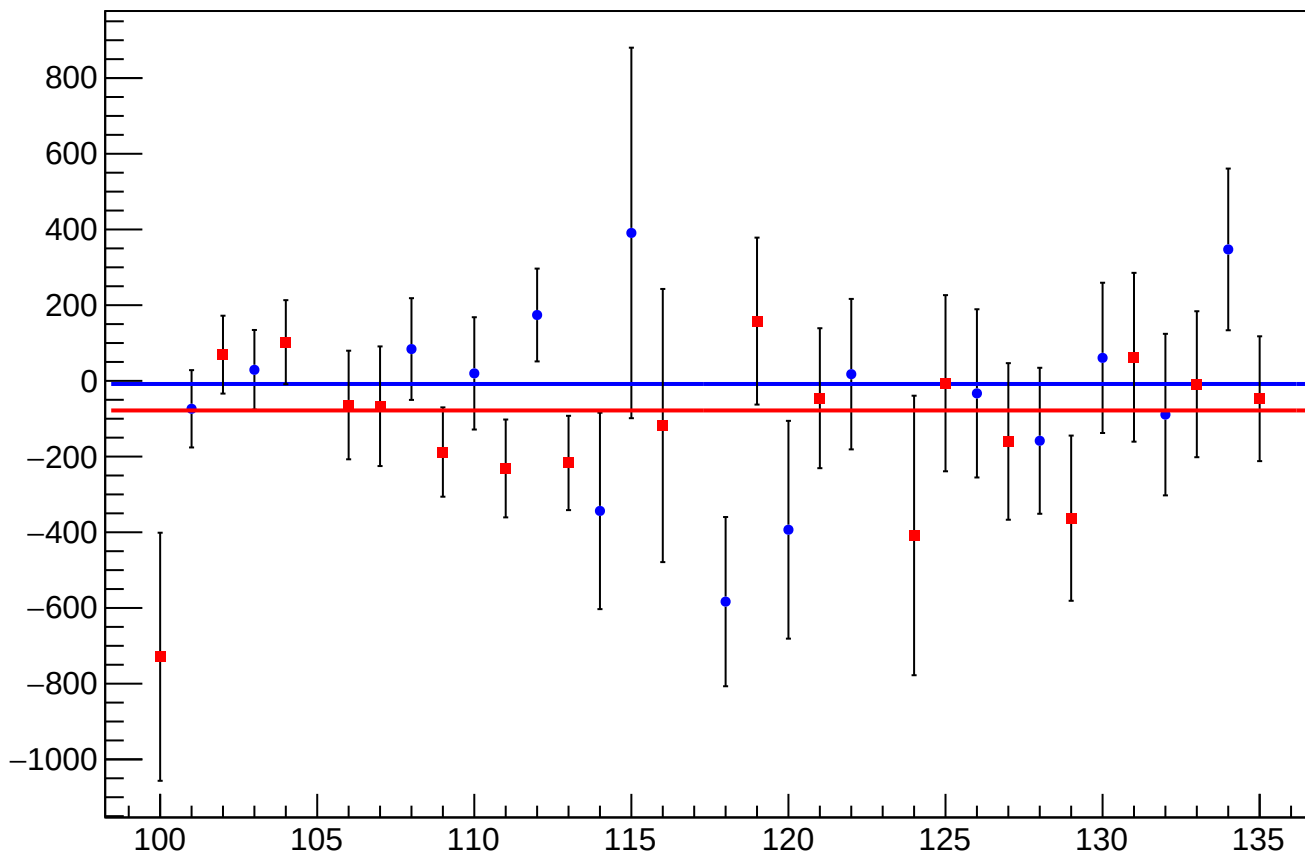
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2952660.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_mean vs Slug



Right In: -8.203+/-42.789 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -78.159+/-38.318 χ^2/NDF : 16.7/17

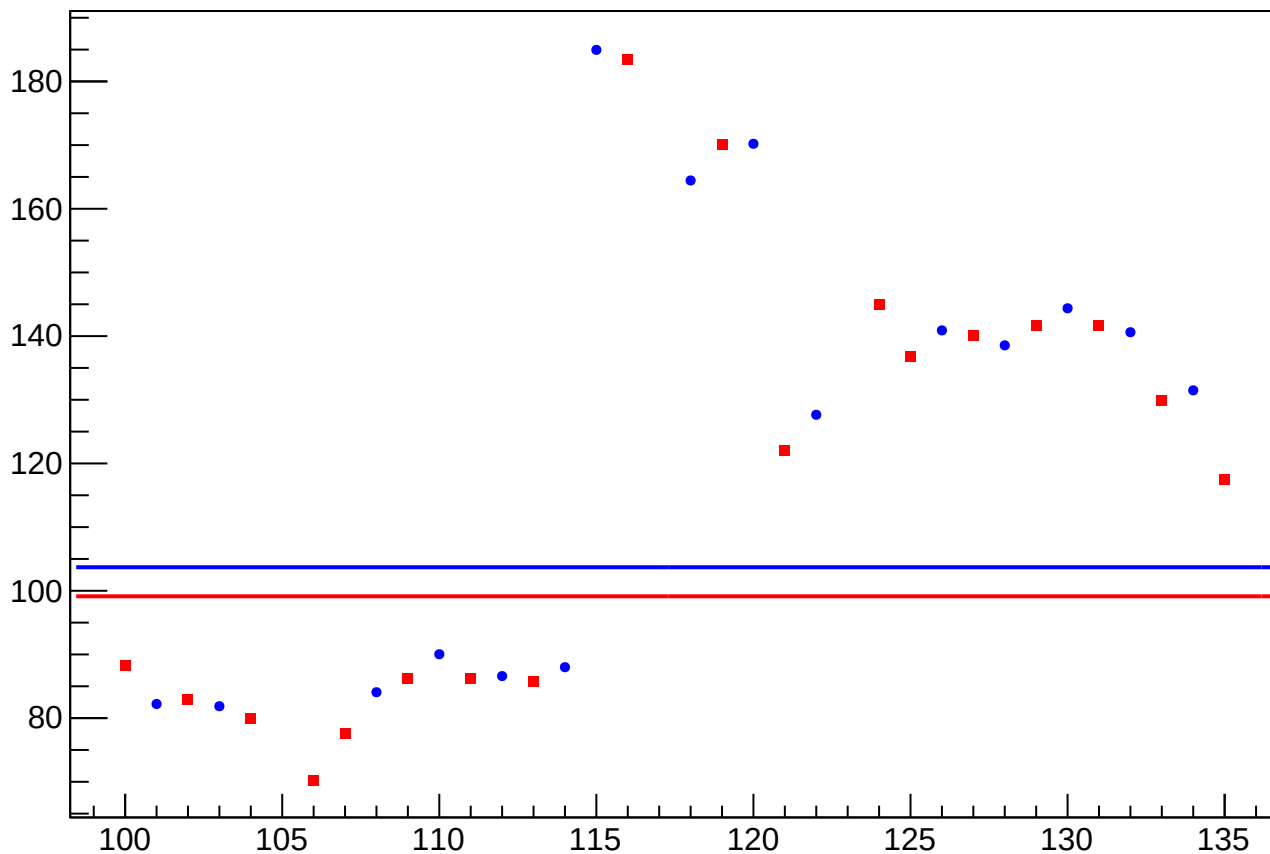
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.026+/-28.545 χ^2/NDF : 35.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_rms vs Slug



Right In: 103.699+/-0.030 χ^2/NDF : 917913.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 99.134+/-0.027 χ^2/NDF : 1030128.7/17

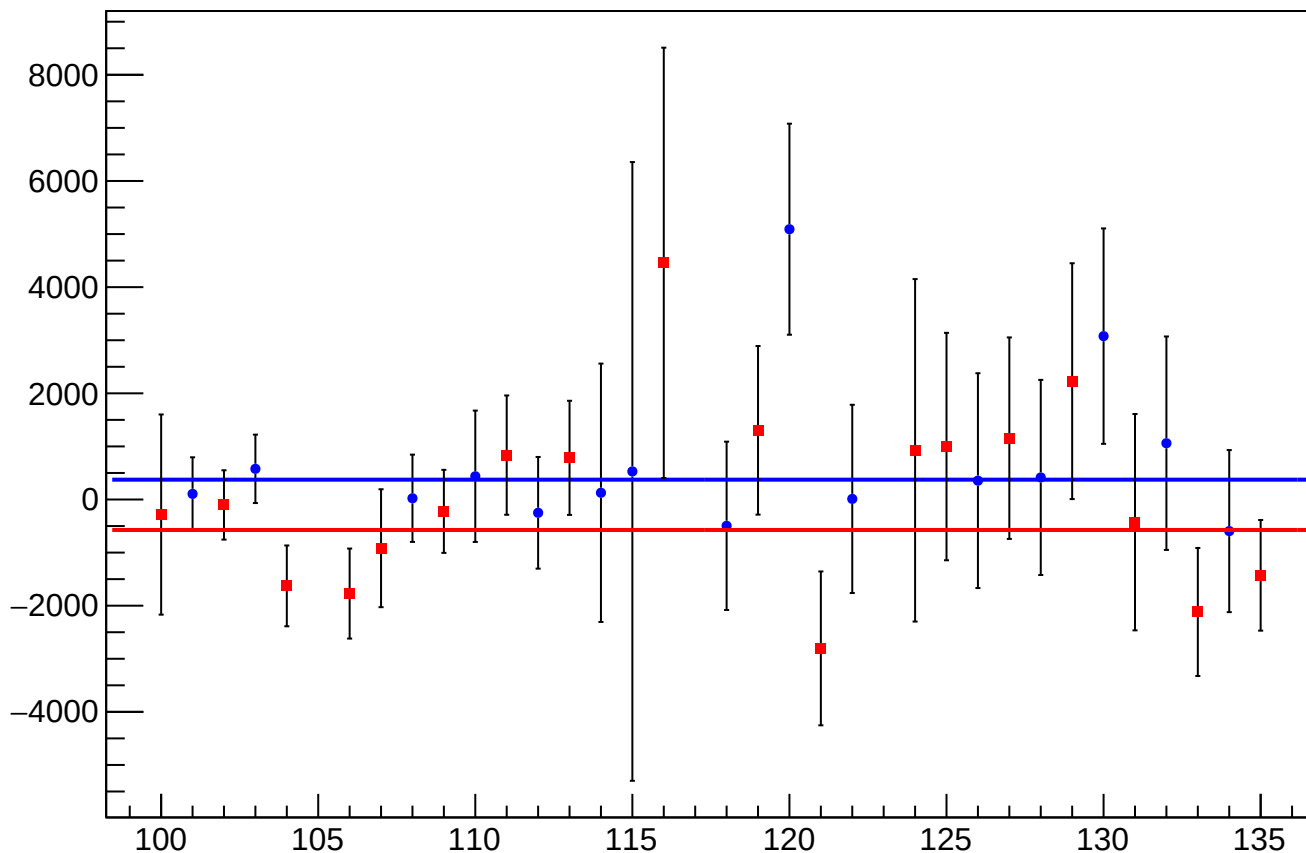
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 101.165+/-0.020 χ^2/NDF : 1960674.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_mean vs Slug



Right In: 373.776+/-313.438 χ^2/NDF : 9.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -573.744+/-272.947 χ^2/NDF : 18.7/17

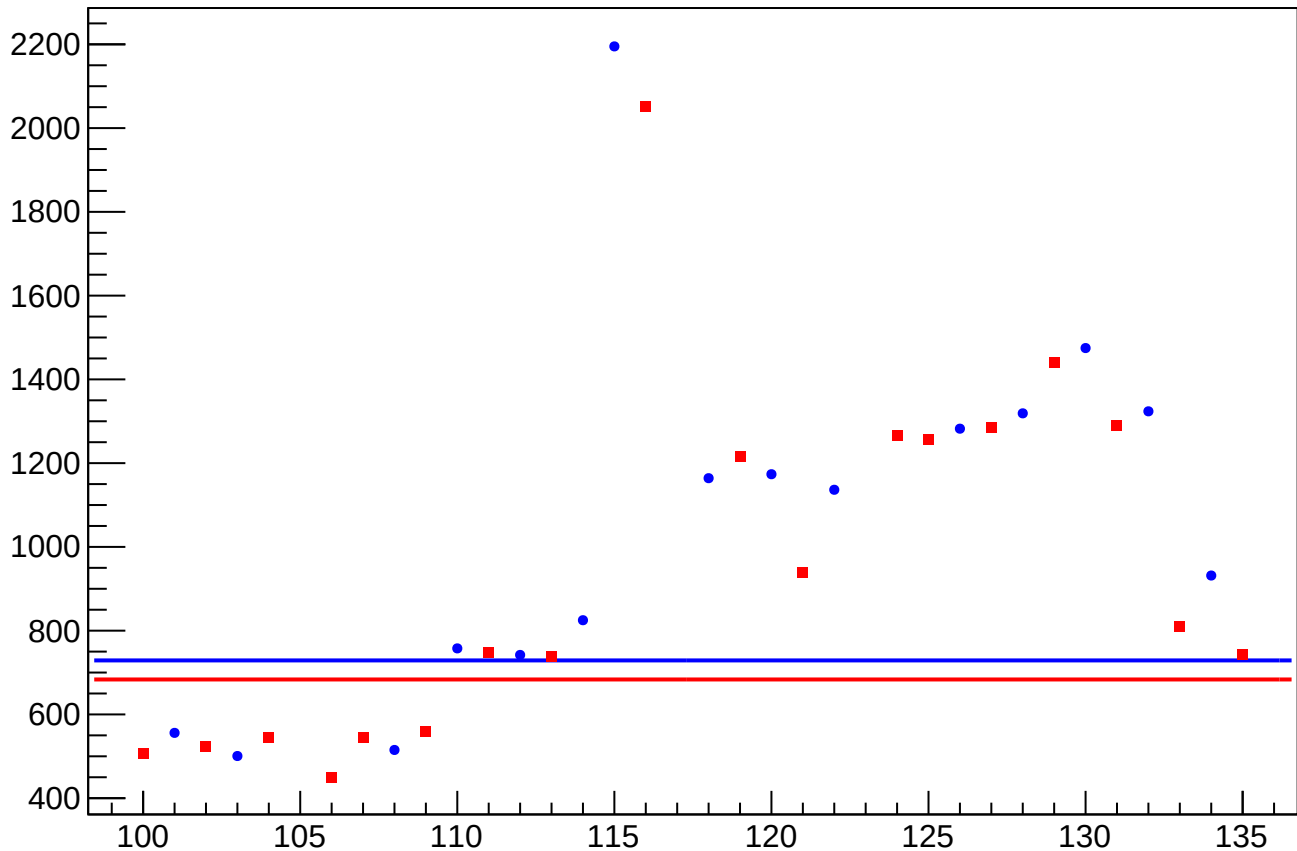
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -165.103+/-205.840 χ^2/NDF : 33.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_reg_correction_rms vs Slug



Right In: 728.962+/-0.222 χ^2/NDF : 1836124.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

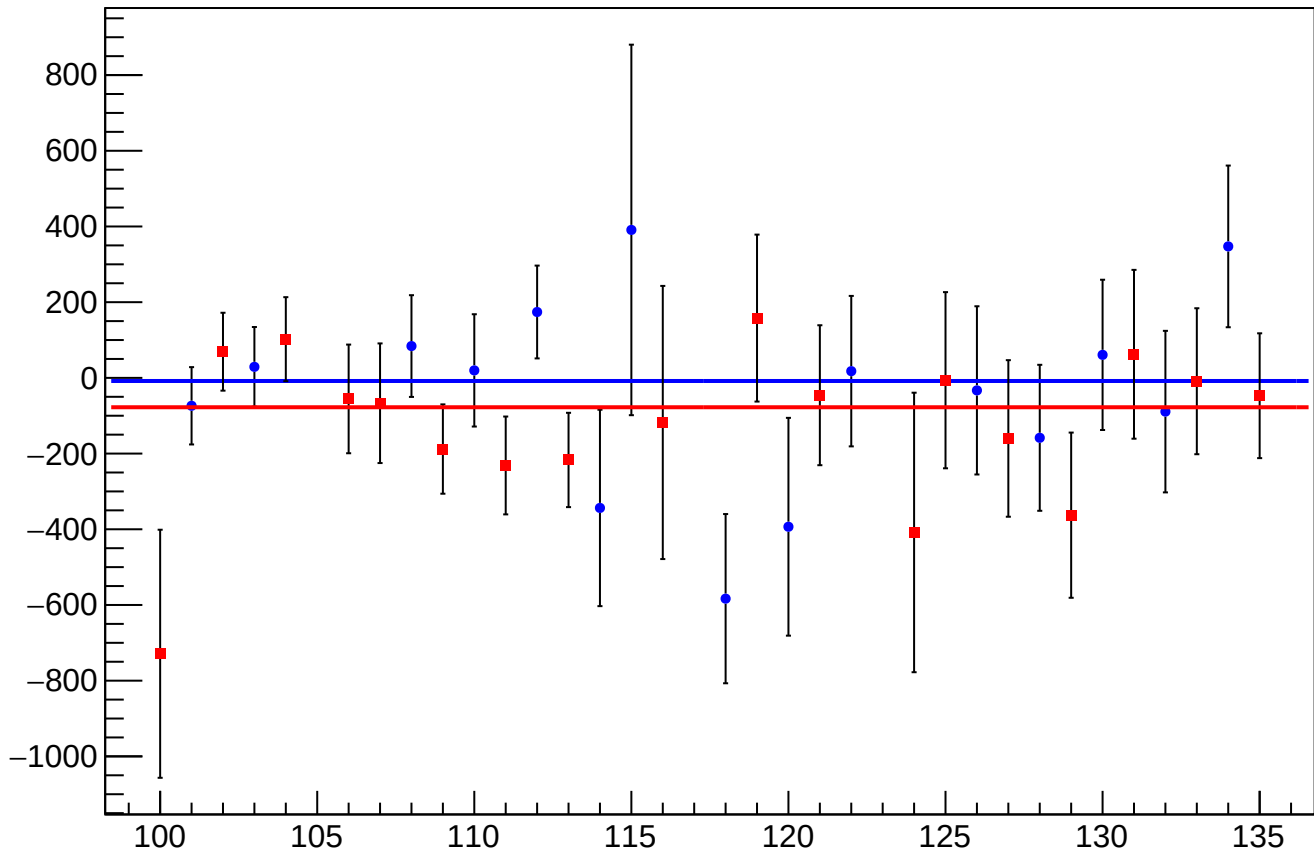
Right Out: 683.468+/-0.193 χ^2/NDF : 1811077.5/17

All: 703.089+/-0.146 χ^2/NDF : 3671165.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_mean vs Slug



Right In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.611+/-38.321 χ^2/NDF : 16.7/17

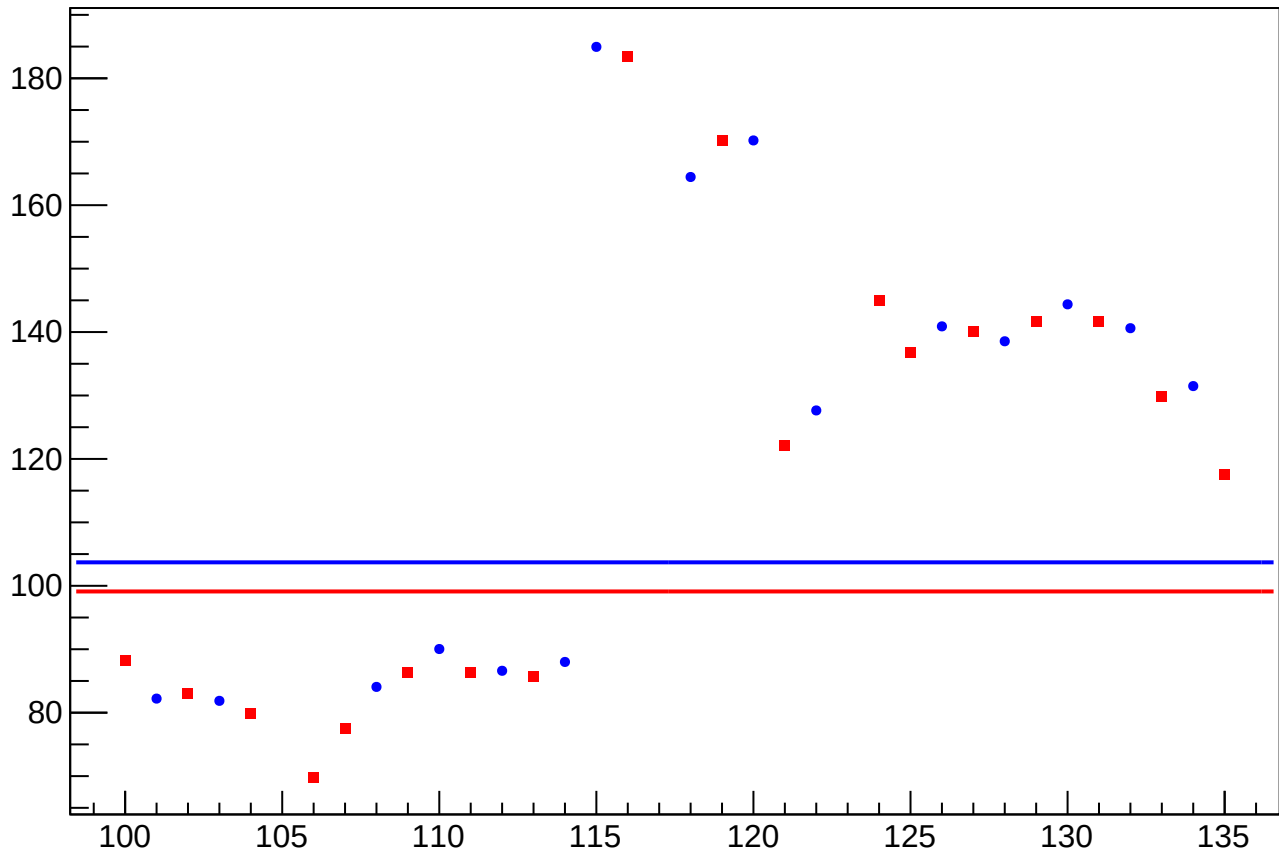
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.726+/-28.546 χ^2/NDF : 35.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam5_rms vs Slug



Right In: 103.699 $\pm$ 0.030 χ^2 /NDF: 917912.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.109 $\pm$ 0.027 χ^2 /NDF: 1032290.8/17

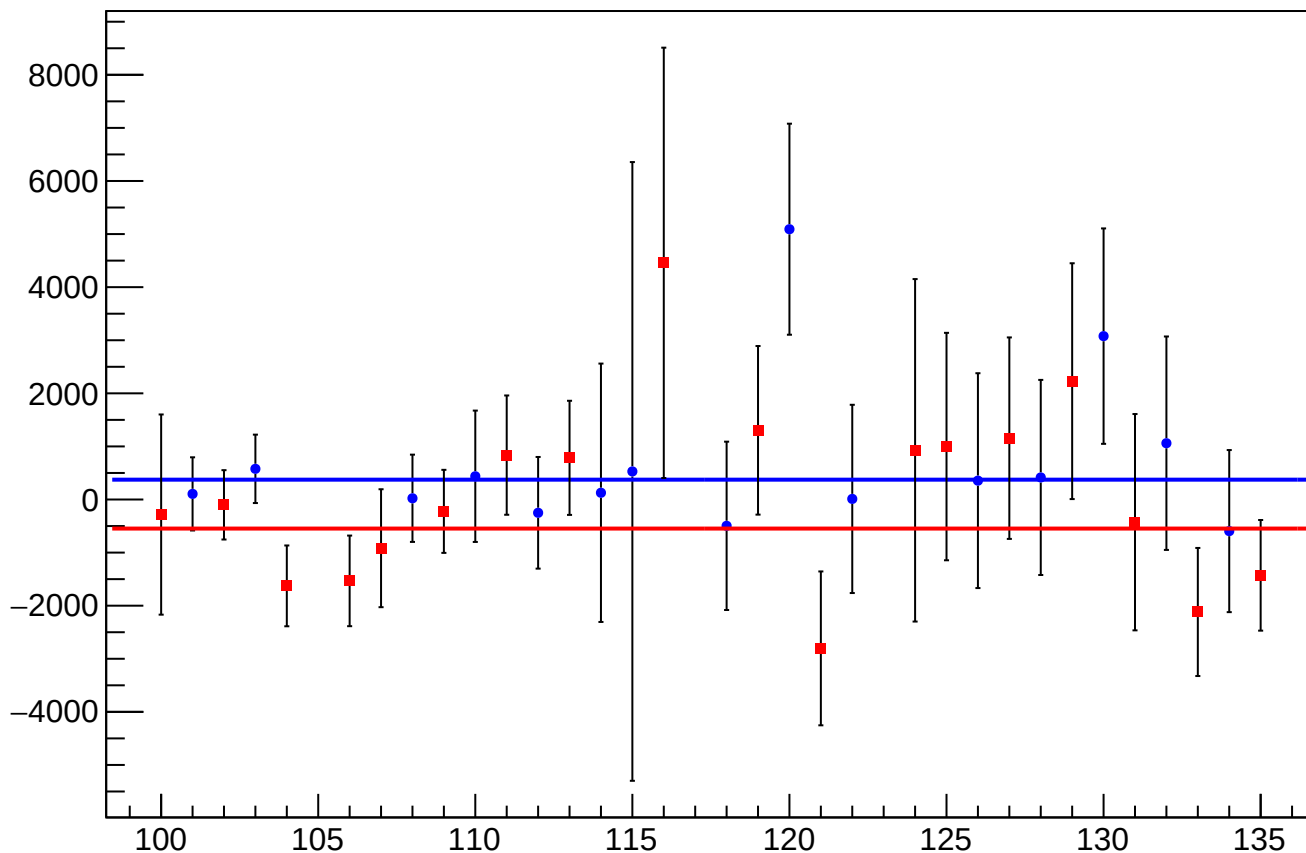
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.152 $\pm$ 0.020 χ^2 /NDF: 1962970.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_mean vs Slug



Right In: 373.777 $\pm$ 313.438 χ^2 /NDF: 9.1/14

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

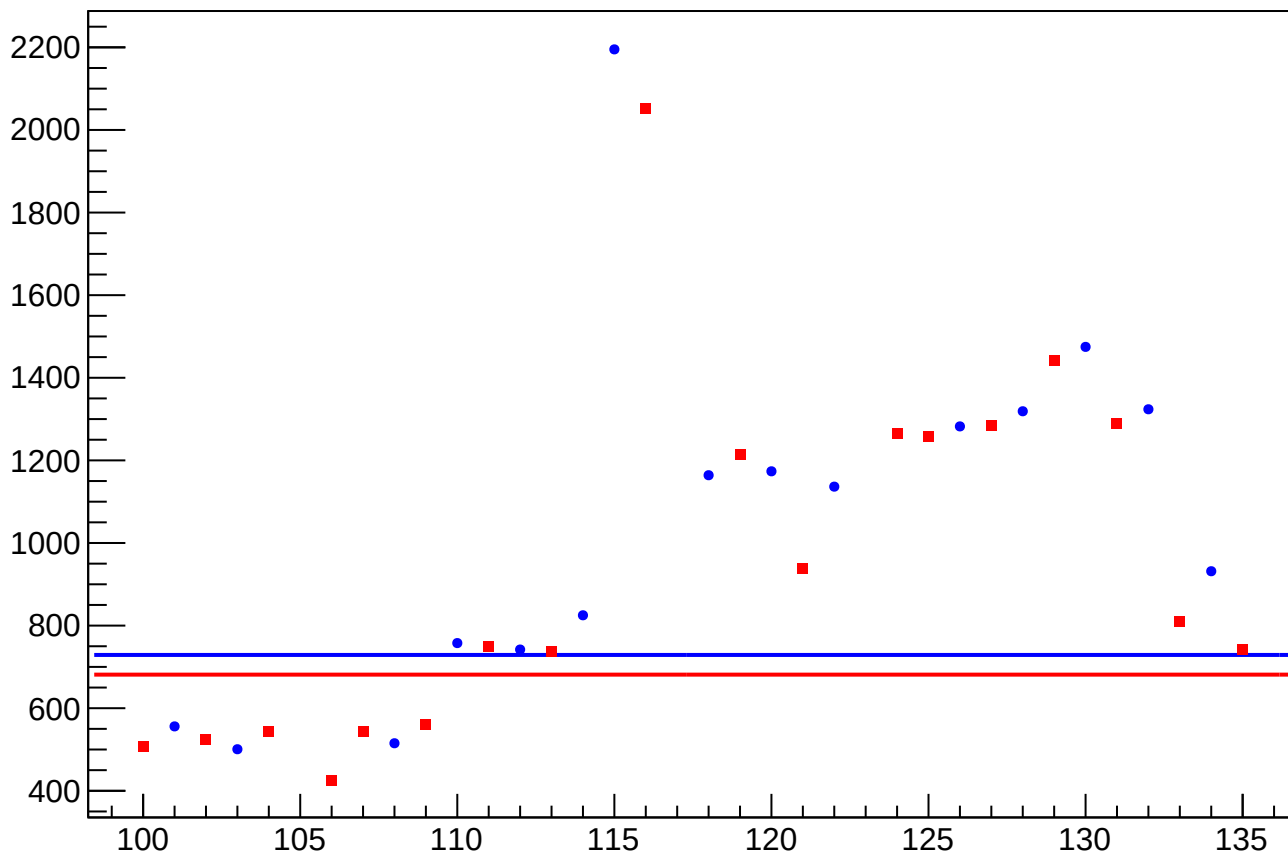
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -149.781 $\pm$ 205.919 χ^2 /NDF: 32.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_cor_correction_rms vs Slug



Right In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

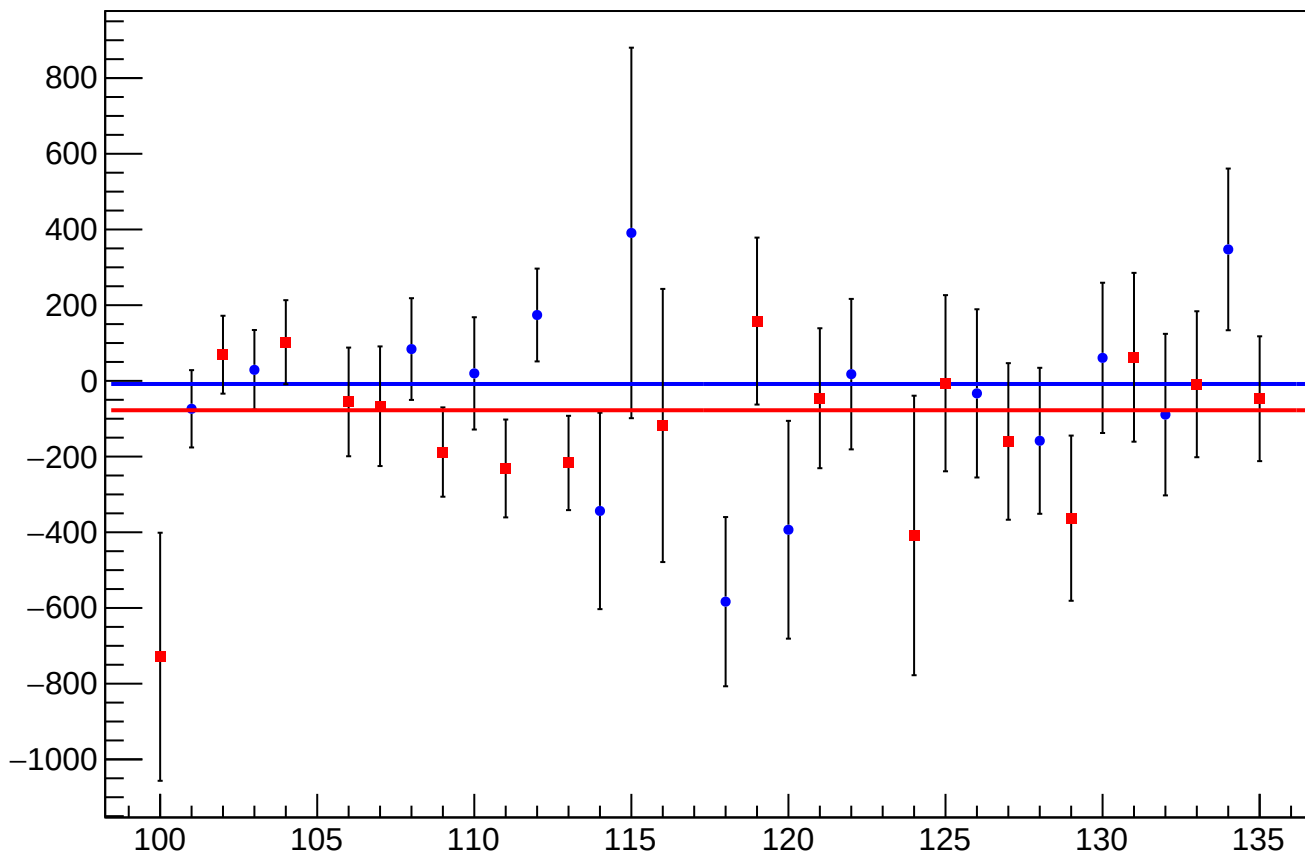
Right Out: 681.286+/-0.193 χ^2/NDF : 1841991.3/17

All: 701.863+/-0.146 χ^2/NDF : 3704418.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_mean vs Slug



Right In: -8.219+/-42.789 χ^2/NDF : 17.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.611+/-38.321 χ^2/NDF : 16.7/17

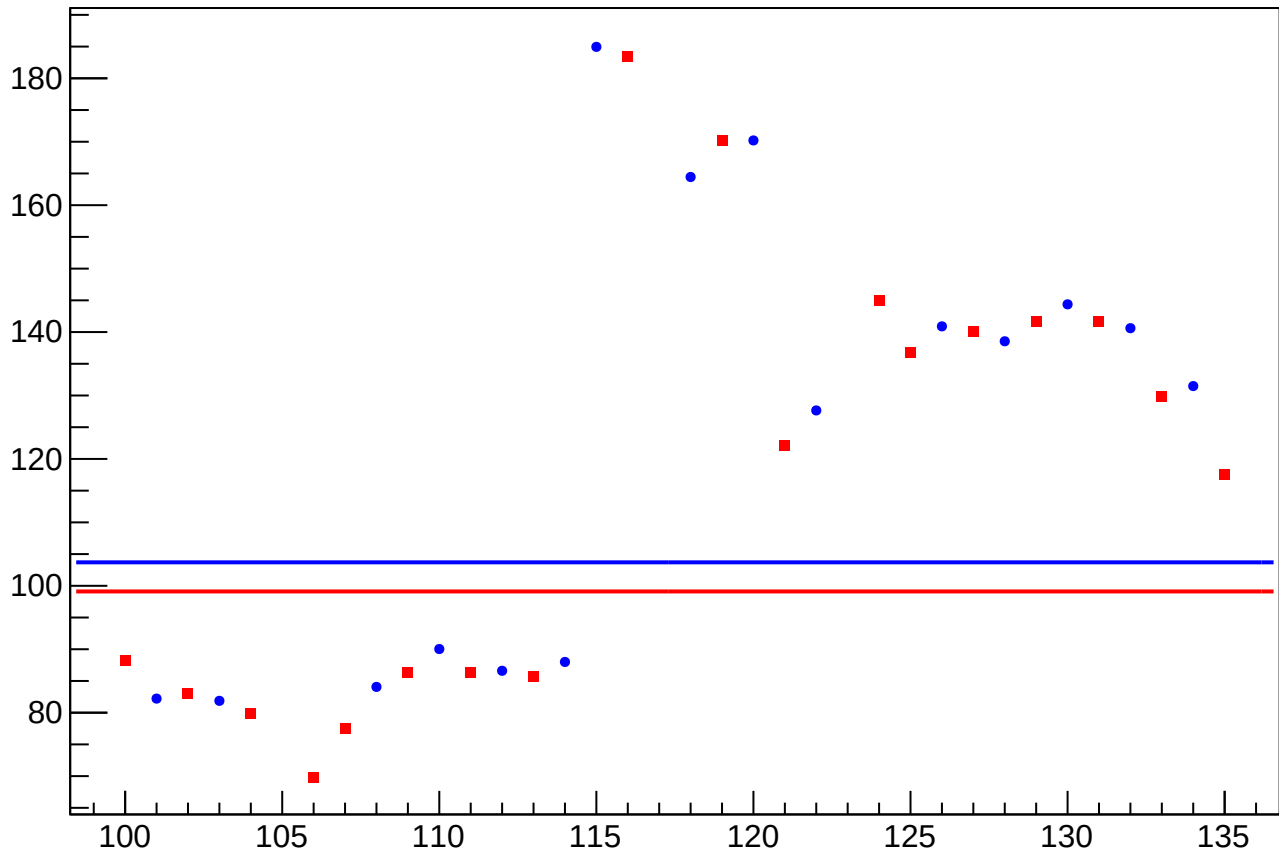
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.726+/-28.546 χ^2/NDF : 35.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam5_rms vs Slug



Right In: 103.699 $\pm$ 0.030 χ^2 /NDF: 917912.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.109 $\pm$ 0.027 χ^2 /NDF: 1032290.8/17

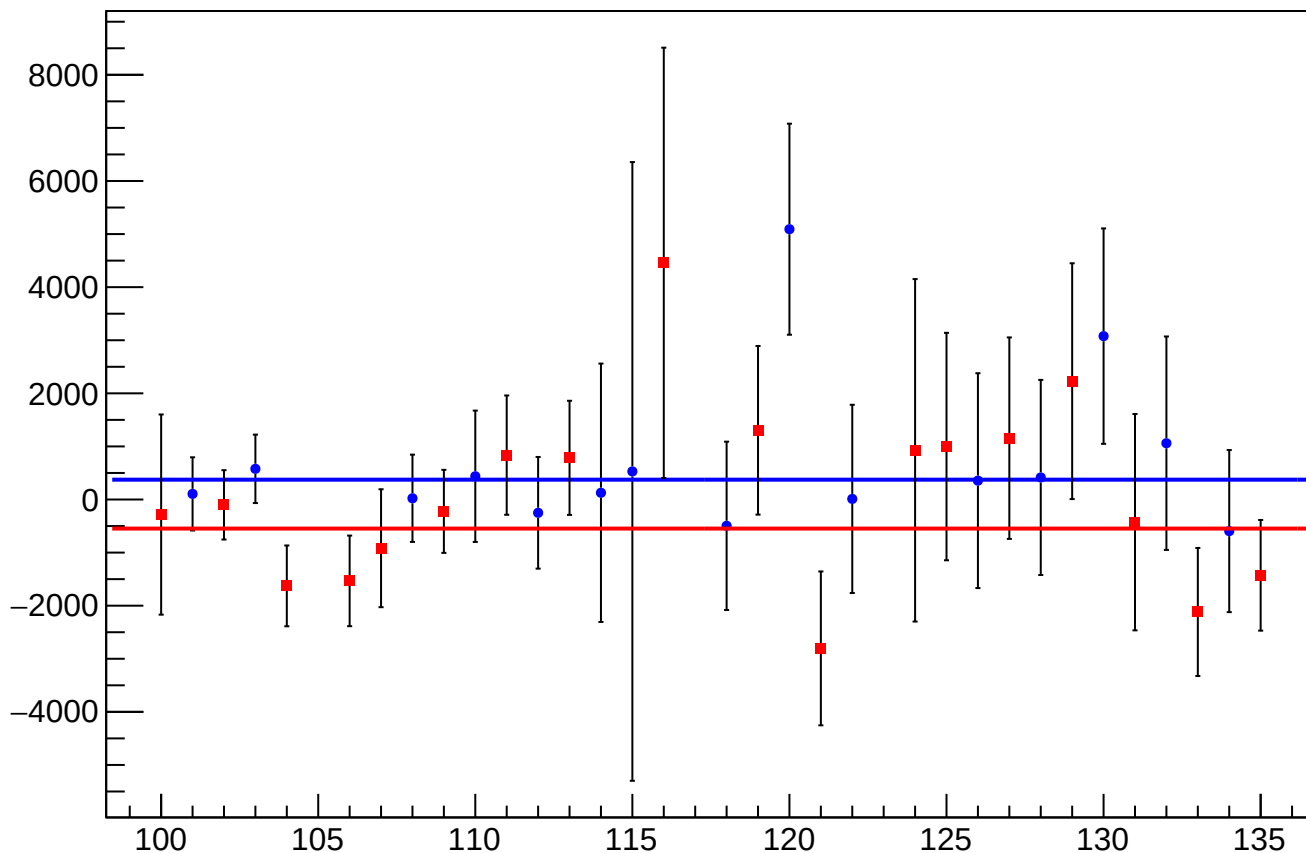
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.152 $\pm$ 0.020 χ^2 /NDF: 1962970.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_correction_mean vs Slug



Right In: 373.777 ± 313.438 χ^2/NDF : 9.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -547.342 ± 273.131 χ^2/NDF : 18.0/17

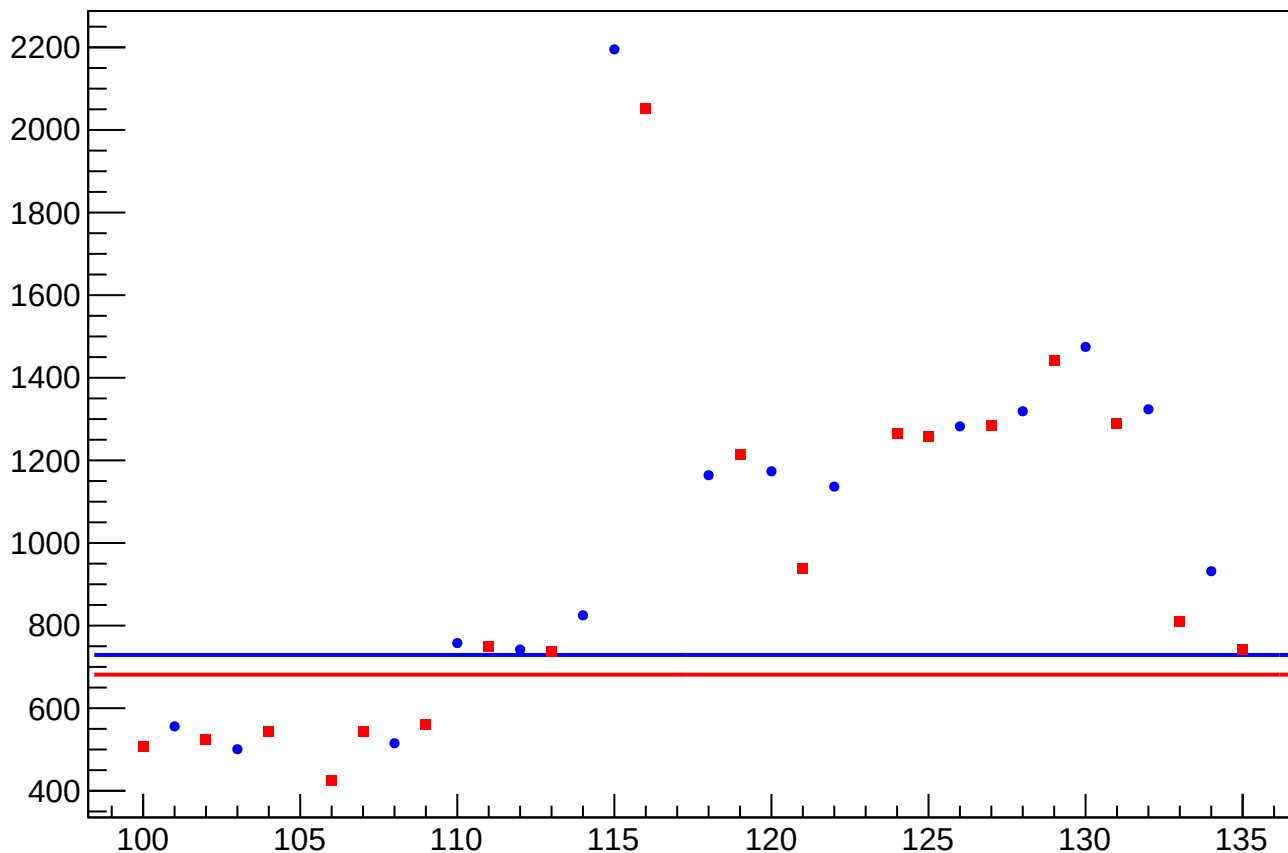
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -149.781 ± 205.919 χ^2/NDF : 32.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_correction_rms vs Slug



Right In: 728.962+/-0.222 χ^2/NDF : 1836126.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

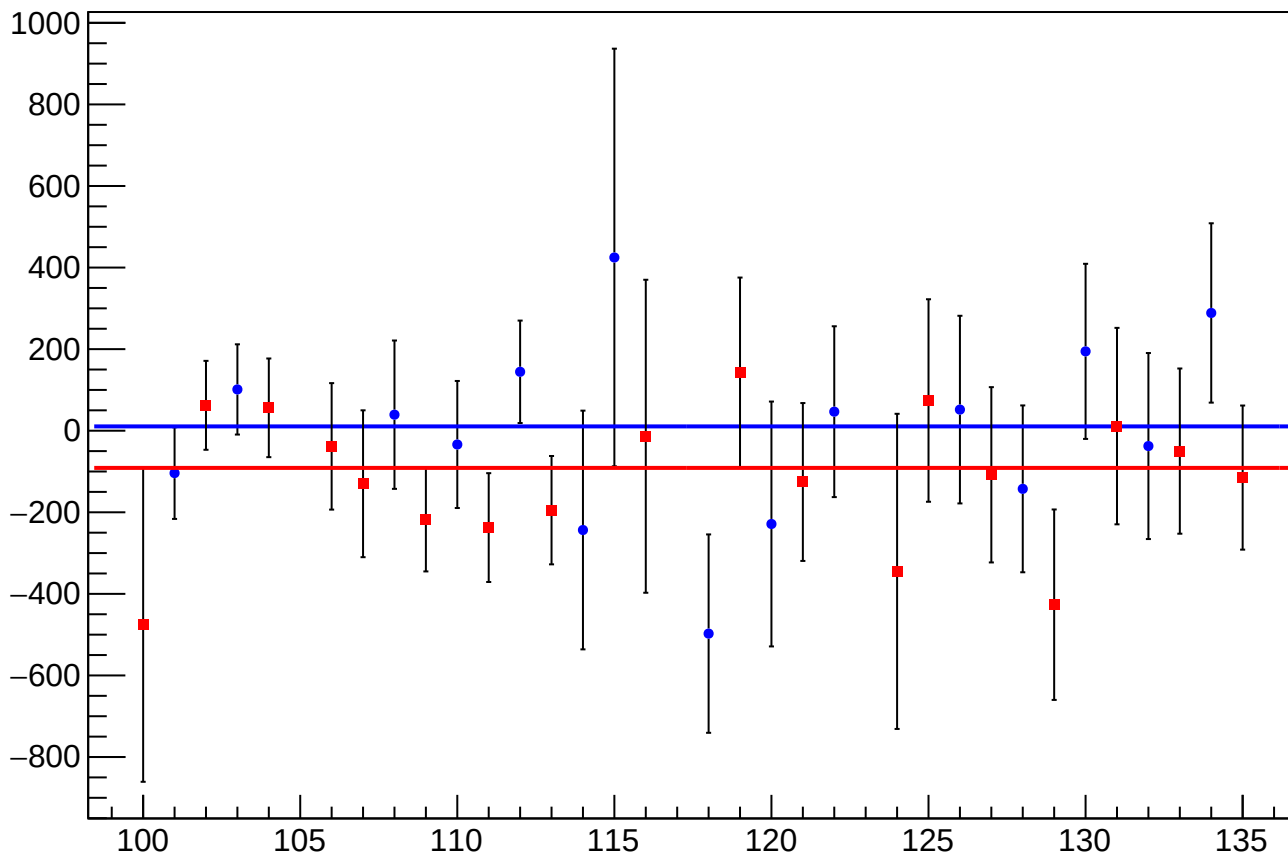
Right Out: 681.286+/-0.193 χ^2/NDF : 1841991.3/17

All: 701.863+/-0.146 χ^2/NDF : 3704418.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam5_mean vs Slug



Right In: 10.582 $\pm$ 46.300 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -91.164 $\pm$ 41.020 χ^2 /NDF: 11.7/17

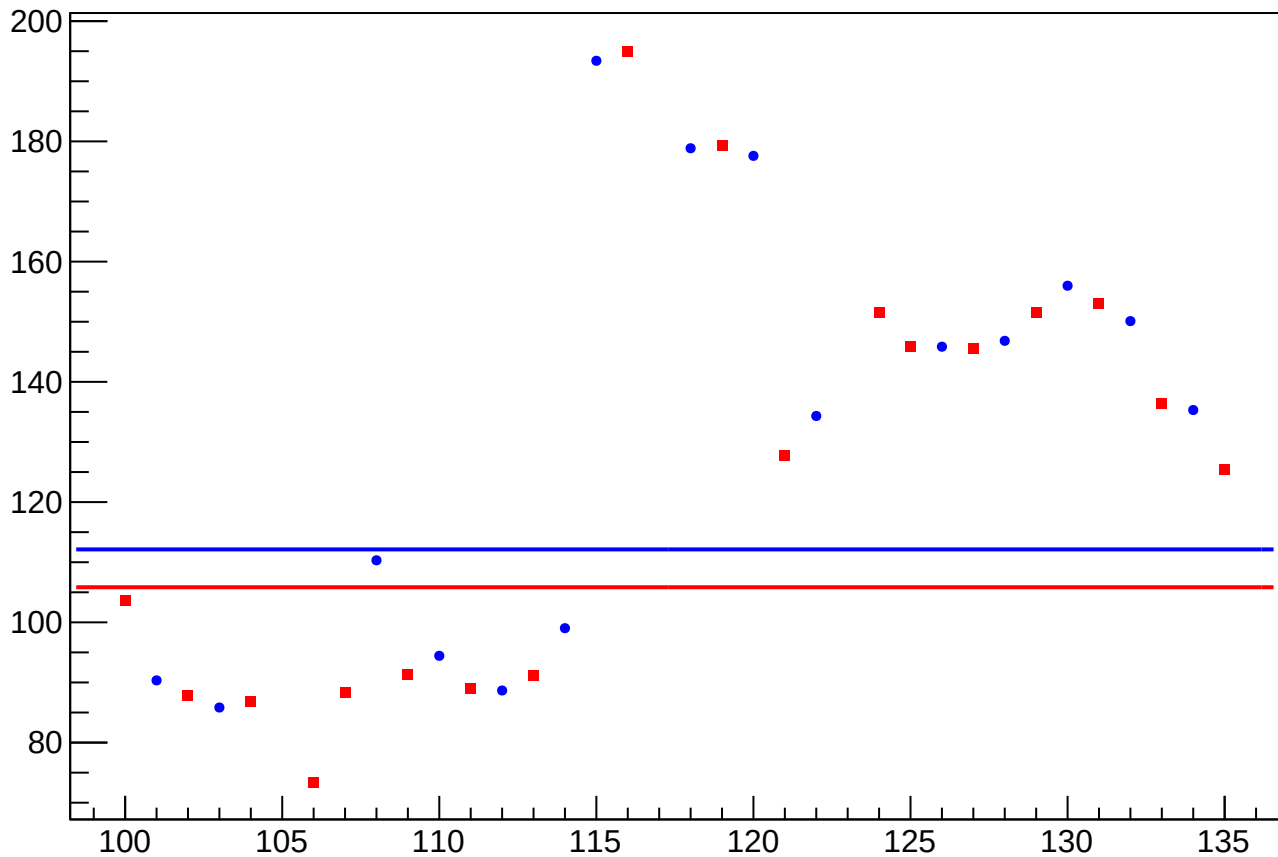
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.421 $\pm$ 30.703 χ^2 /NDF: 26.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam5_rms vs Slug



Right In: 112.131 $\pm$ 0.033 χ^2 /NDF: 868278.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 105.840 $\pm$ 0.029 χ^2 /NDF: 996985.2/17

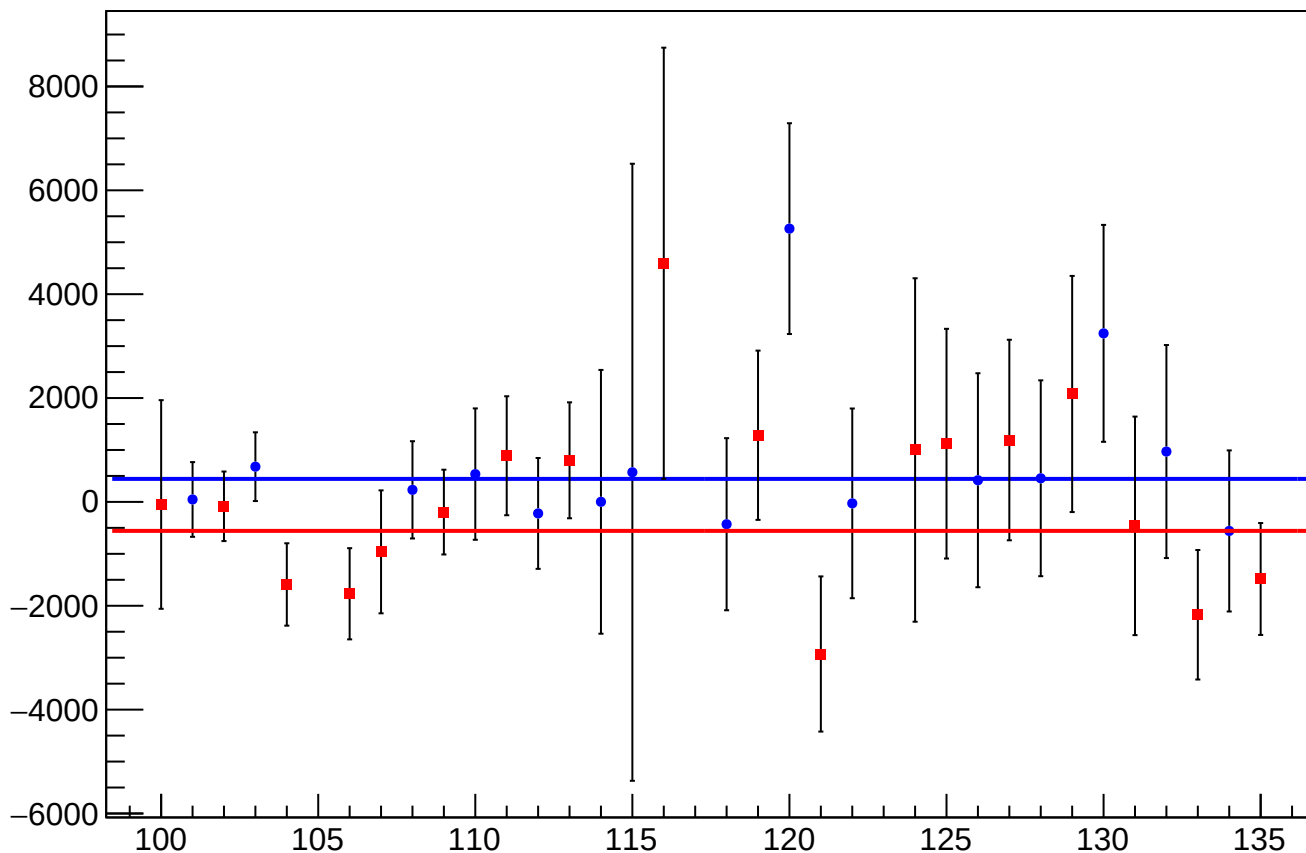
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.607 $\pm$ 0.022 χ^2 /NDF: 1885946.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_mean vs Slug



Right In: 443.098 $\pm$ 327.099 χ^2 /NDF: 9.2/14

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

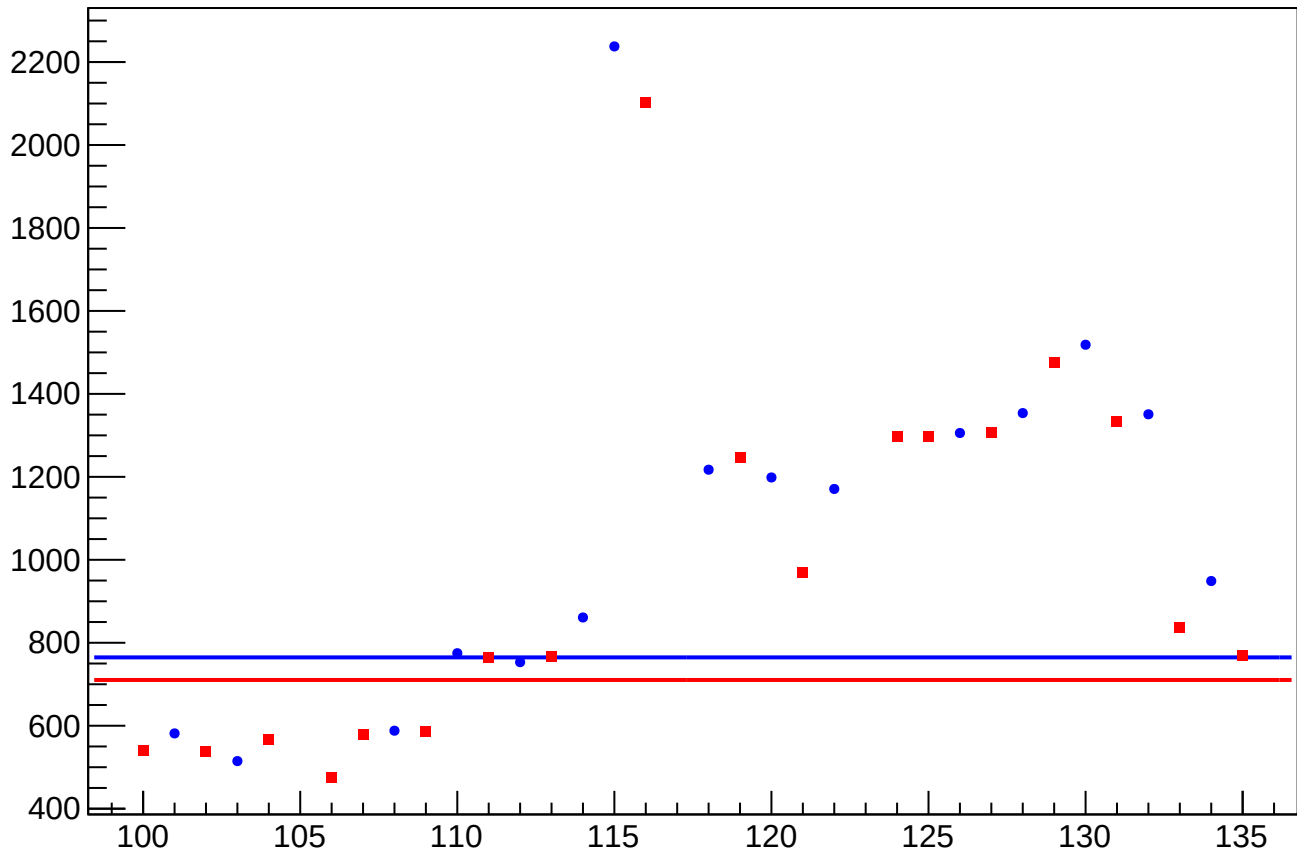
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -130.030 $\pm$ 213.875 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_correction_rms vs Slug



Right In: 764.780+/-0.231 χ^2/NDF : 1736622.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.314+/-0.200 χ^2/NDF : 1761705.1/17

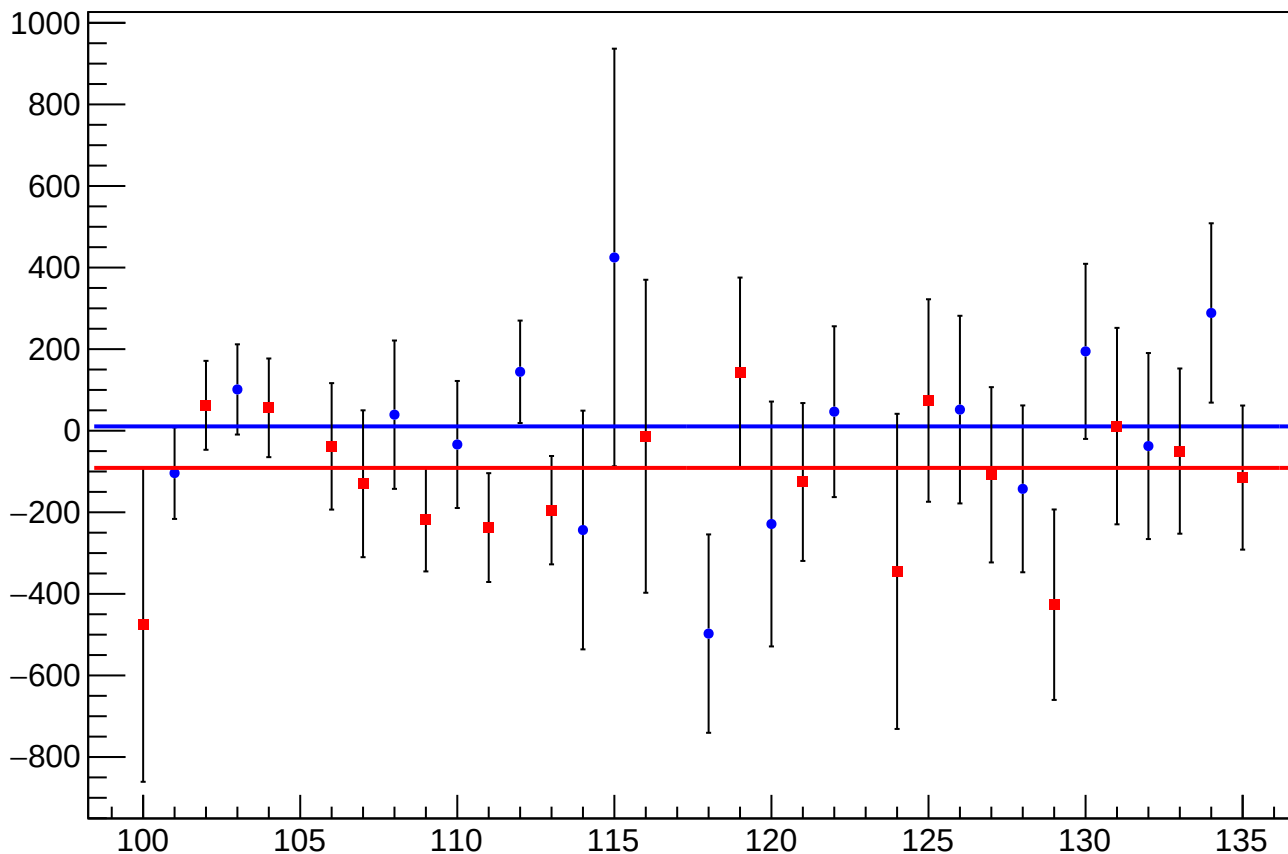
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.600+/-0.151 χ^2/NDF : 3530073.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_mean vs Slug



Right In: 10.581+/-46.300 χ^2/NDF : 12.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.164+/-41.020 χ^2/NDF : 11.7/17

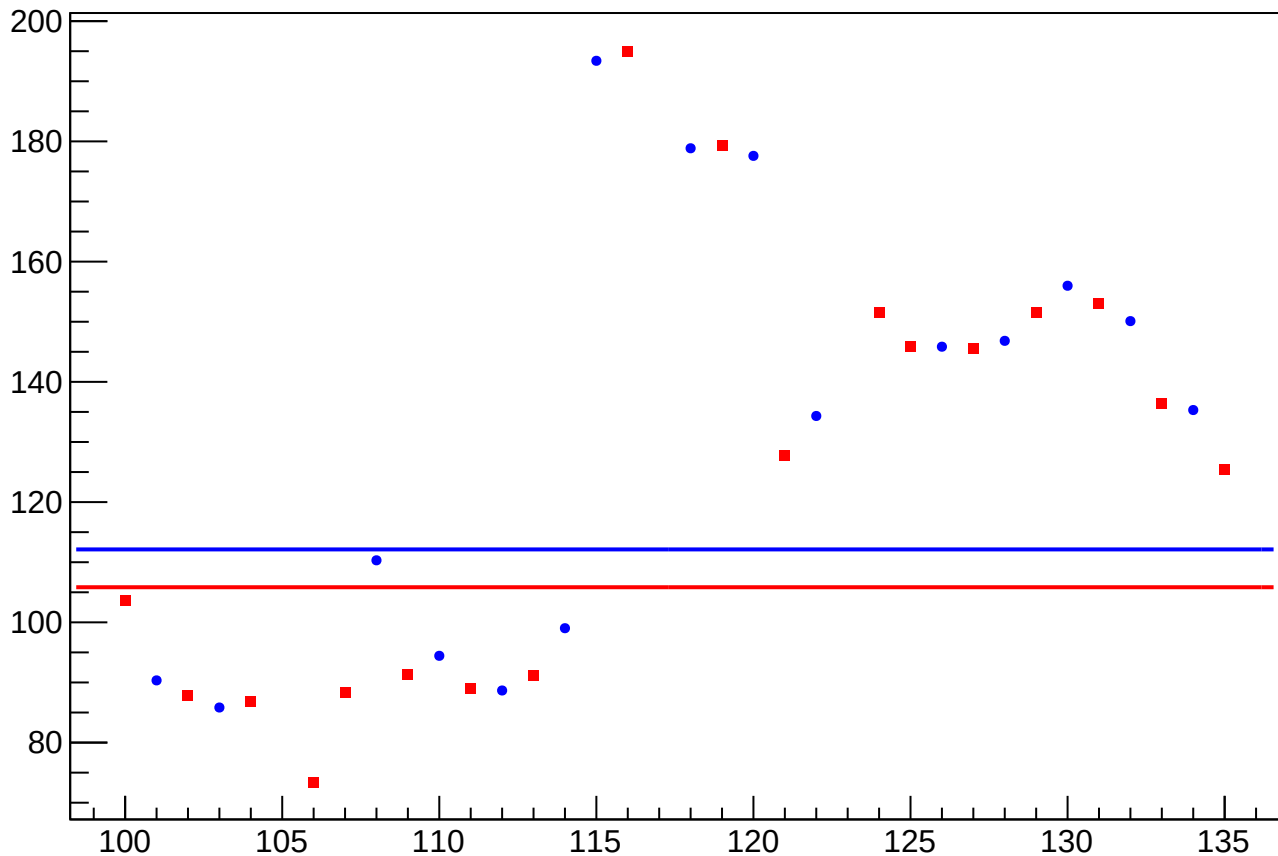
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -46.422+/-30.703 χ^2/NDF : 26.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam5_rms vs Slug



Right In: 112.131+/-0.033 χ^2/NDF : 868273.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 105.840+/-0.029 χ^2/NDF : 996973.7/17

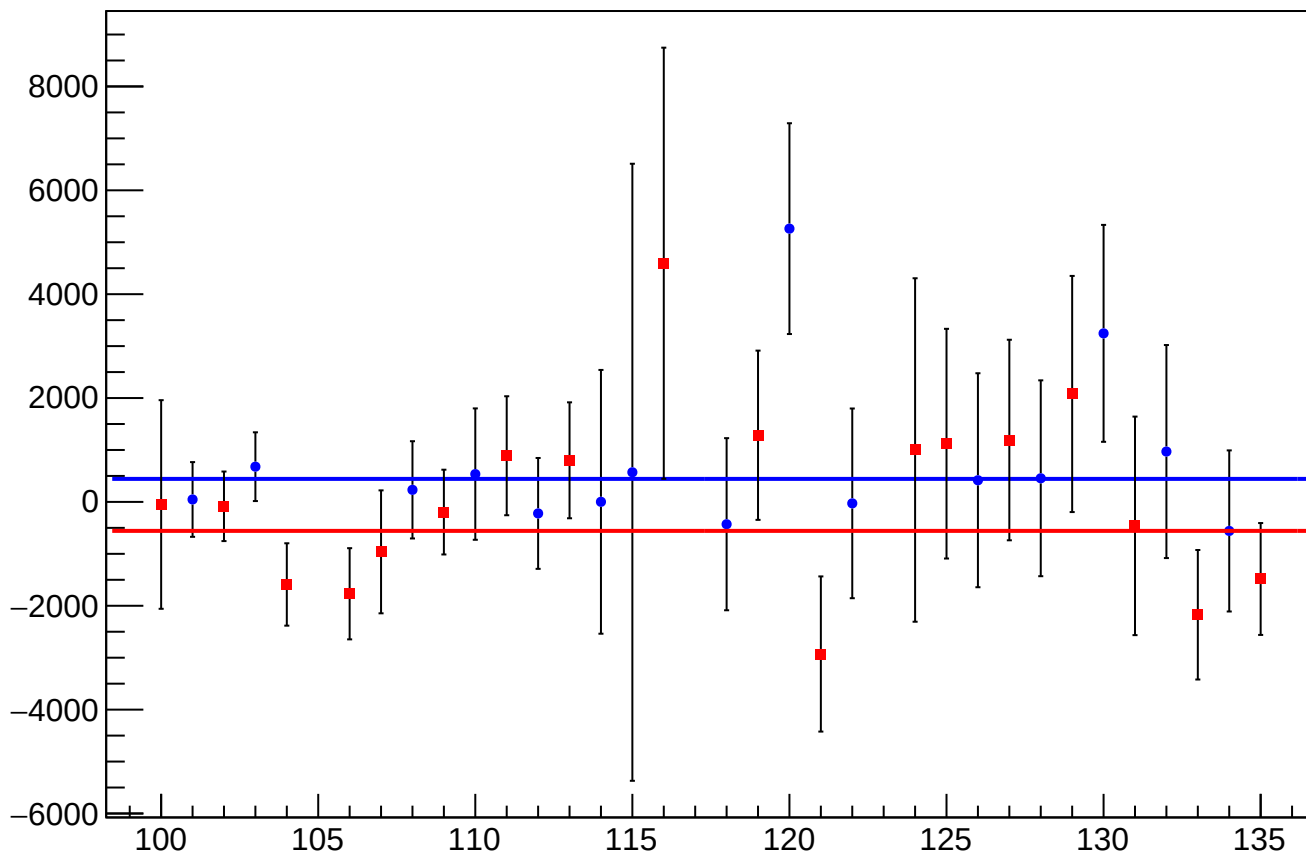
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 108.606+/-0.022 χ^2/NDF : 1885929.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_correction_mean vs Slug



Right In: 443.097 $\pm$ 327.098 χ^2 /NDF: 9.2/14

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

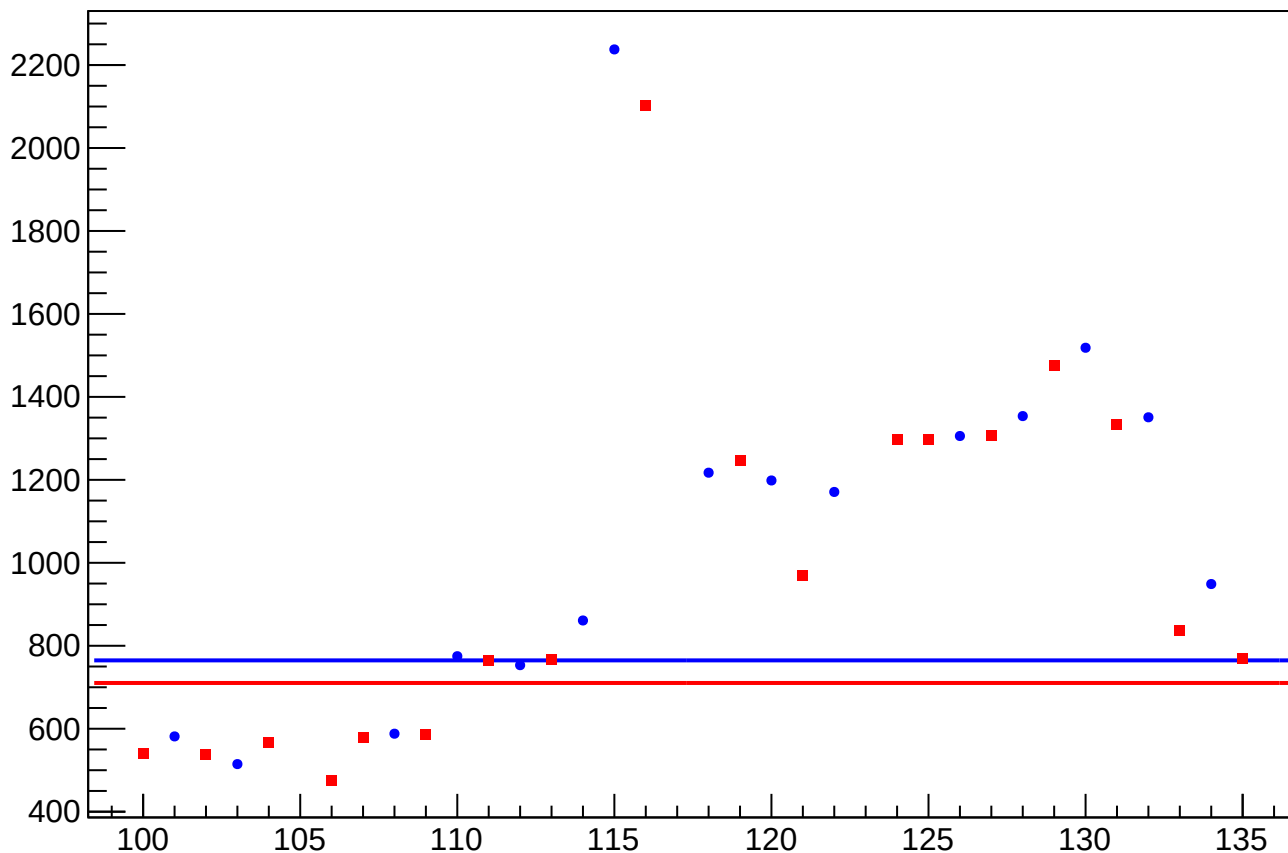
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -130.031 $\pm$ 213.874 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_correction_rms vs Slug



Right In: 764.780+/-0.231 χ^2/NDF : 1736619.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 710.313+/-0.200 χ^2/NDF : 1761698.6/17

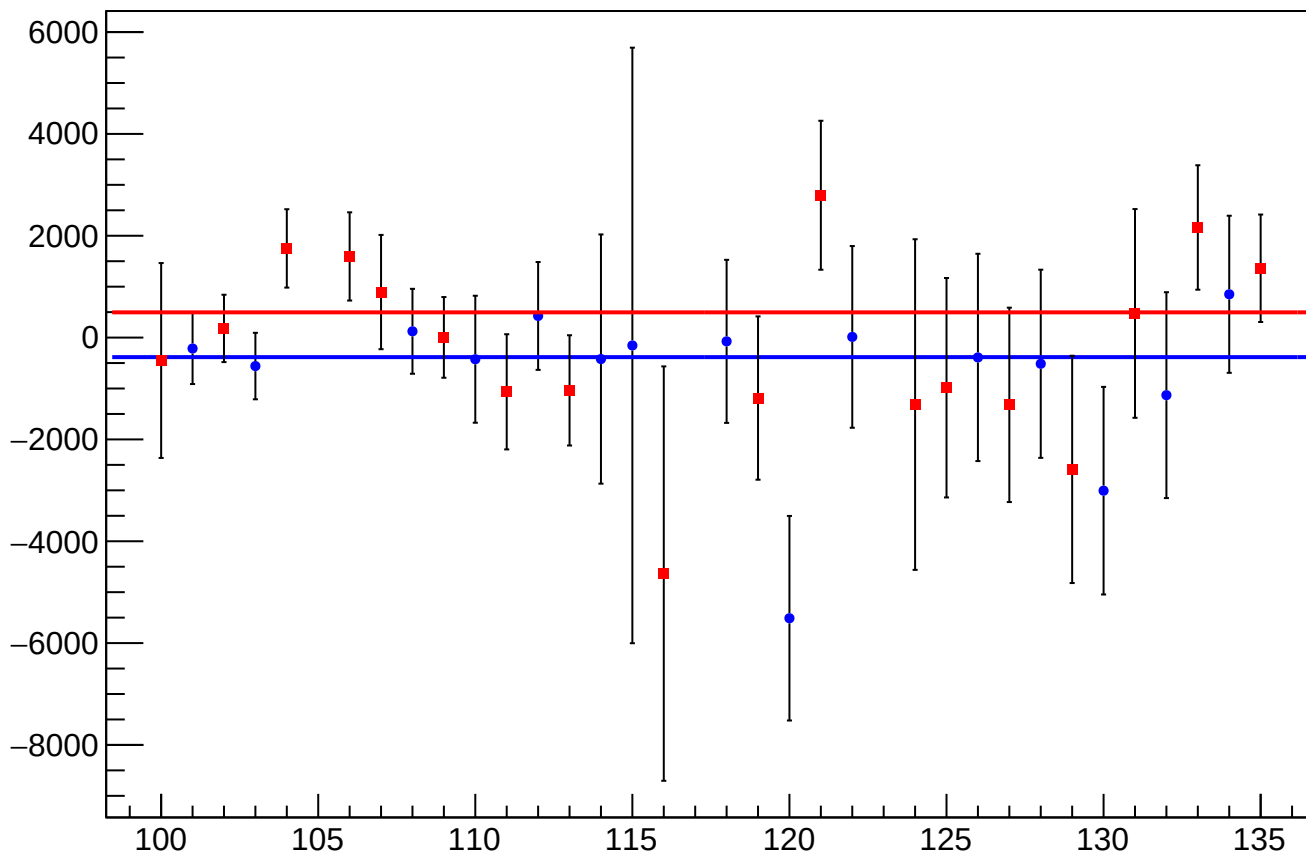
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 733.599+/-0.151 χ^2/NDF : 3530064.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_mean vs Slug



Right In: -383.740+/-316.901 χ^2/NDF : 10.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 495.611+/-276.208 χ^2/NDF : 20.5/17

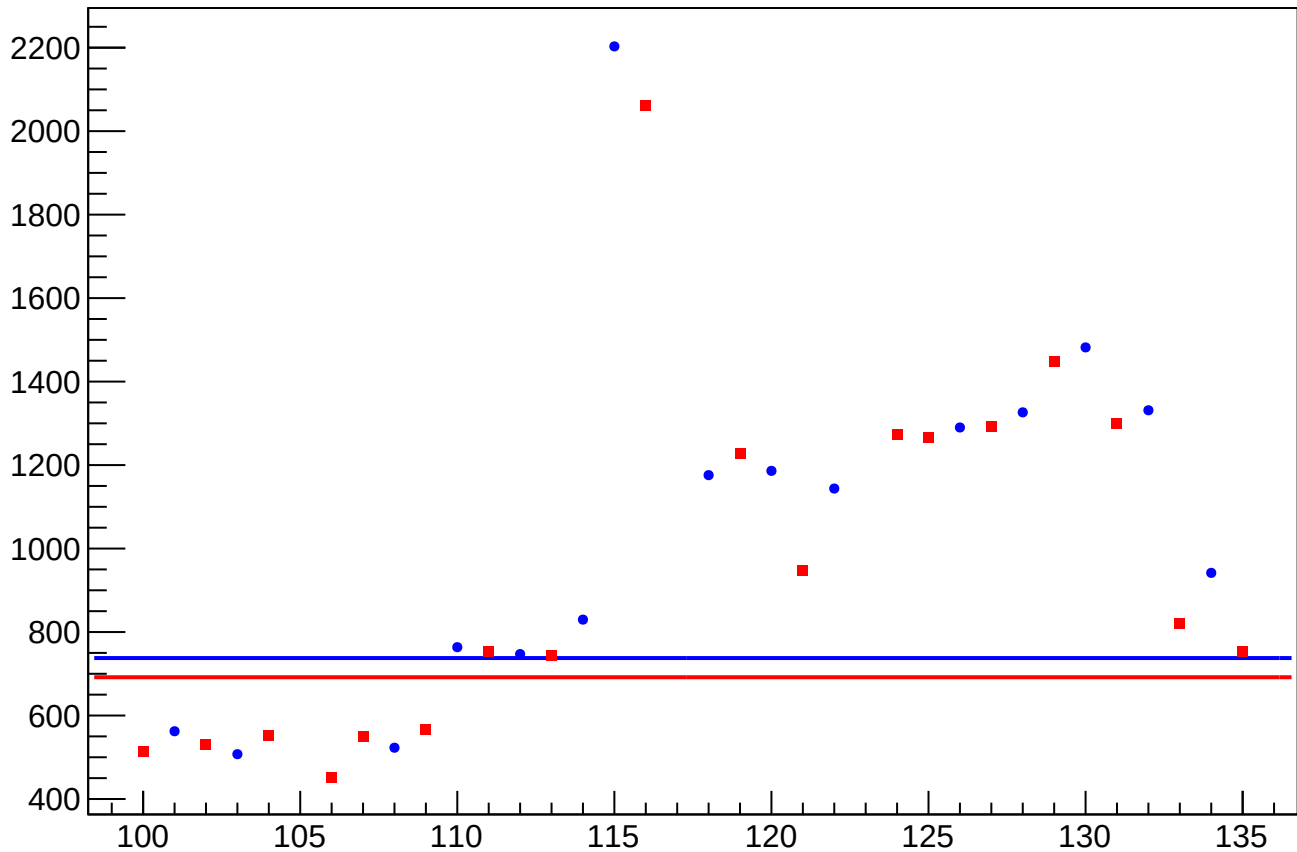
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 115.985+/-208.219 χ^2/NDF : 35.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_rms vs Slug



Right In: 737.680 $\pm$ 0.224 χ^2 /NDF: 1814409.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

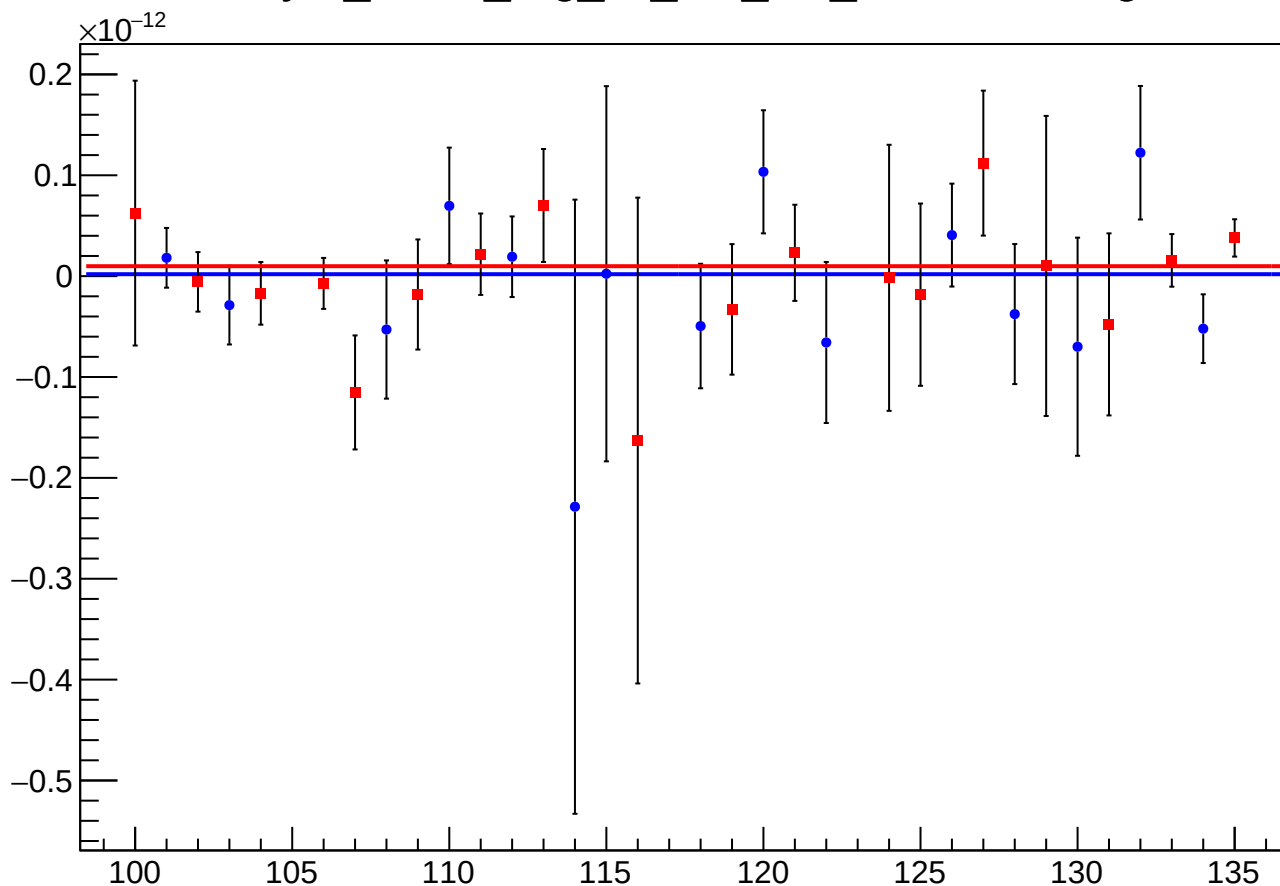
Right Out: 691.693 $\pm$ 0.195 χ^2 /NDF: 1795764.8/17

All: 711.546 $\pm$ 0.147 χ^2 /NDF: 3634108.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.0/17

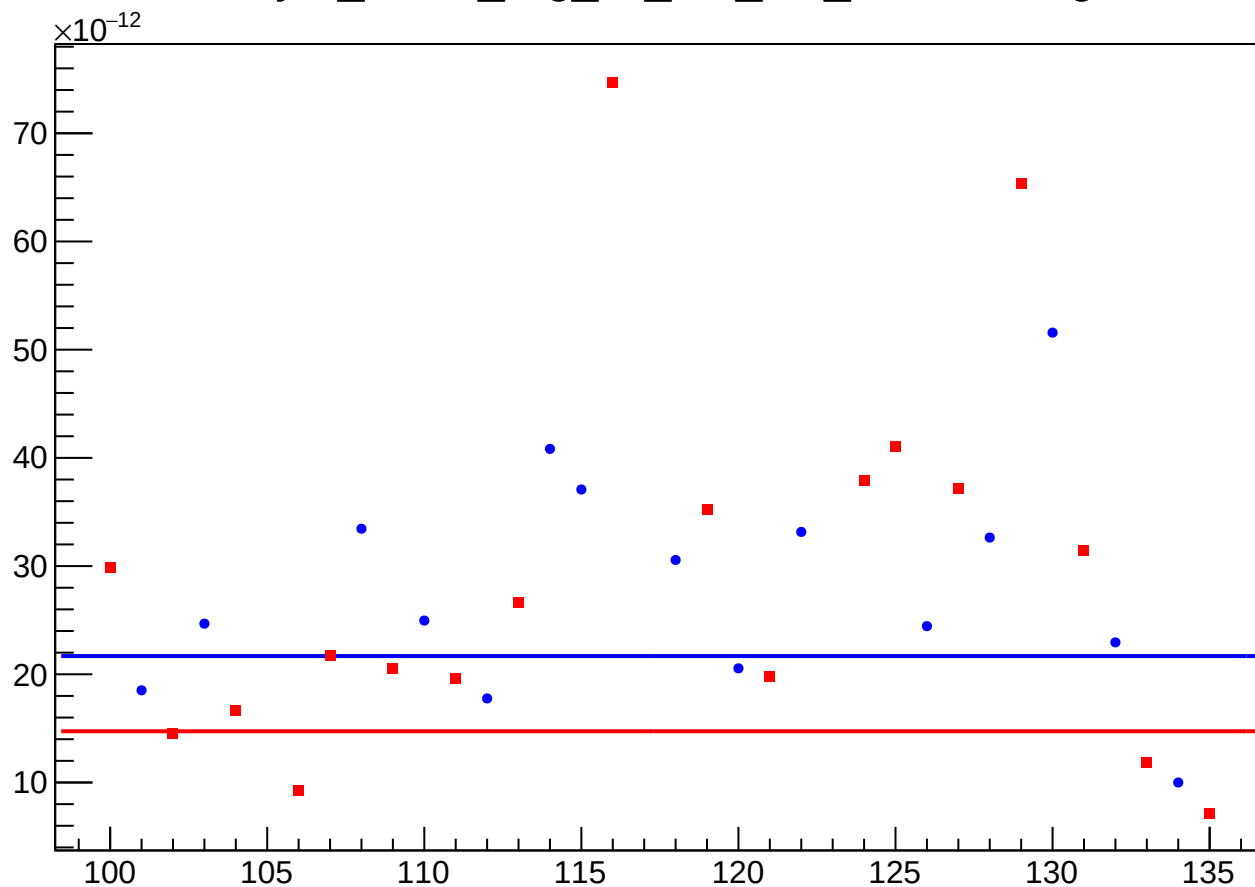
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 668608.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1738924.8/17

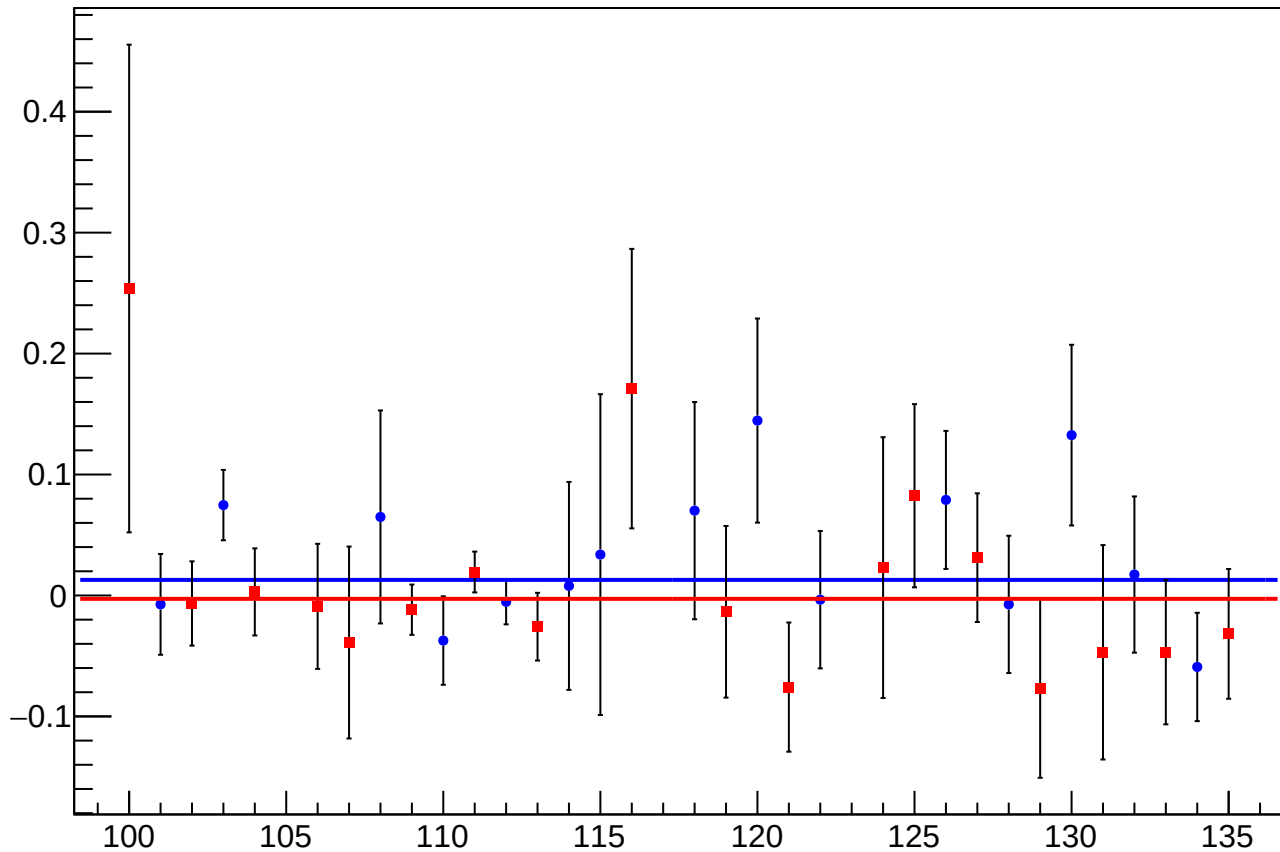
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2758788.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 12.4/17

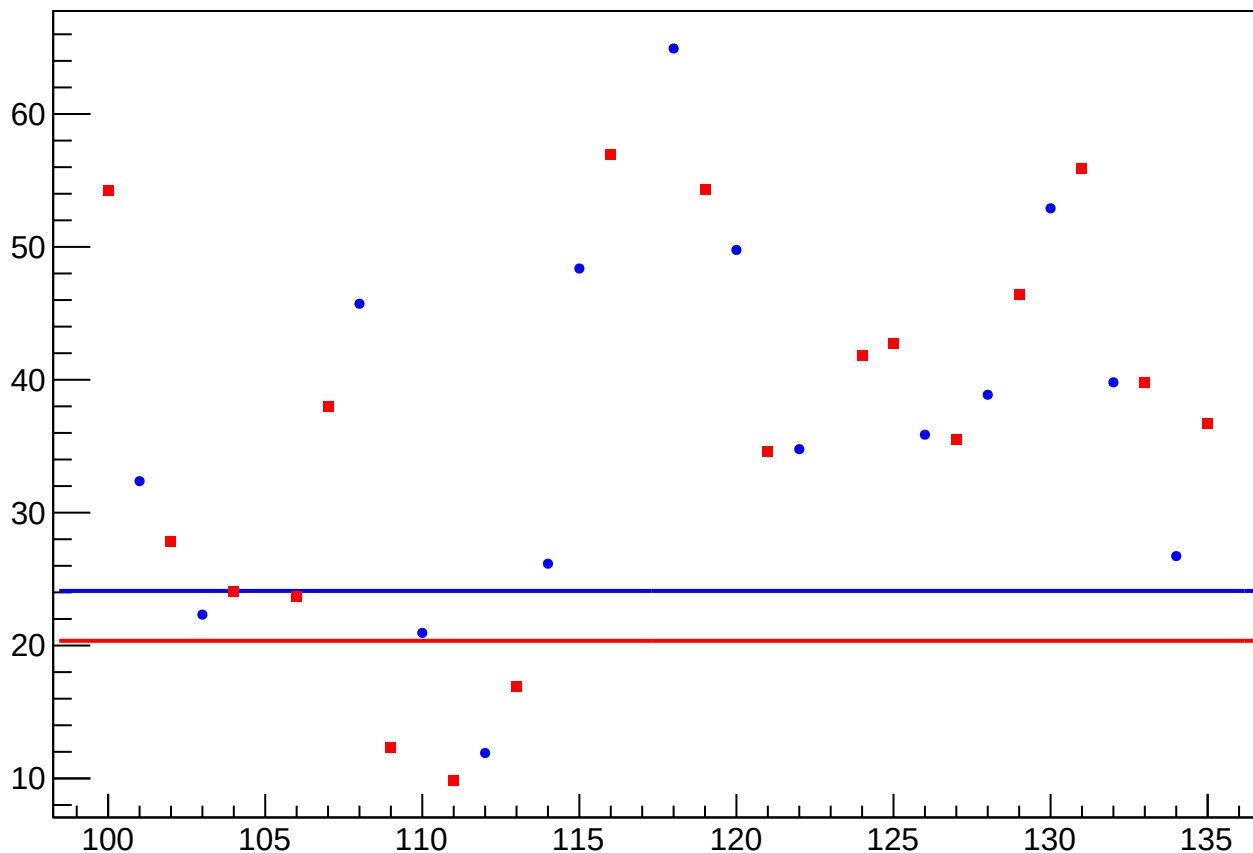
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 31.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_cor_diff_rms vs Slug



Right In: 24.109+/-0.008 χ^2/NDF : 2458213.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.357+/-0.007 χ^2/NDF : 3569295.8/17

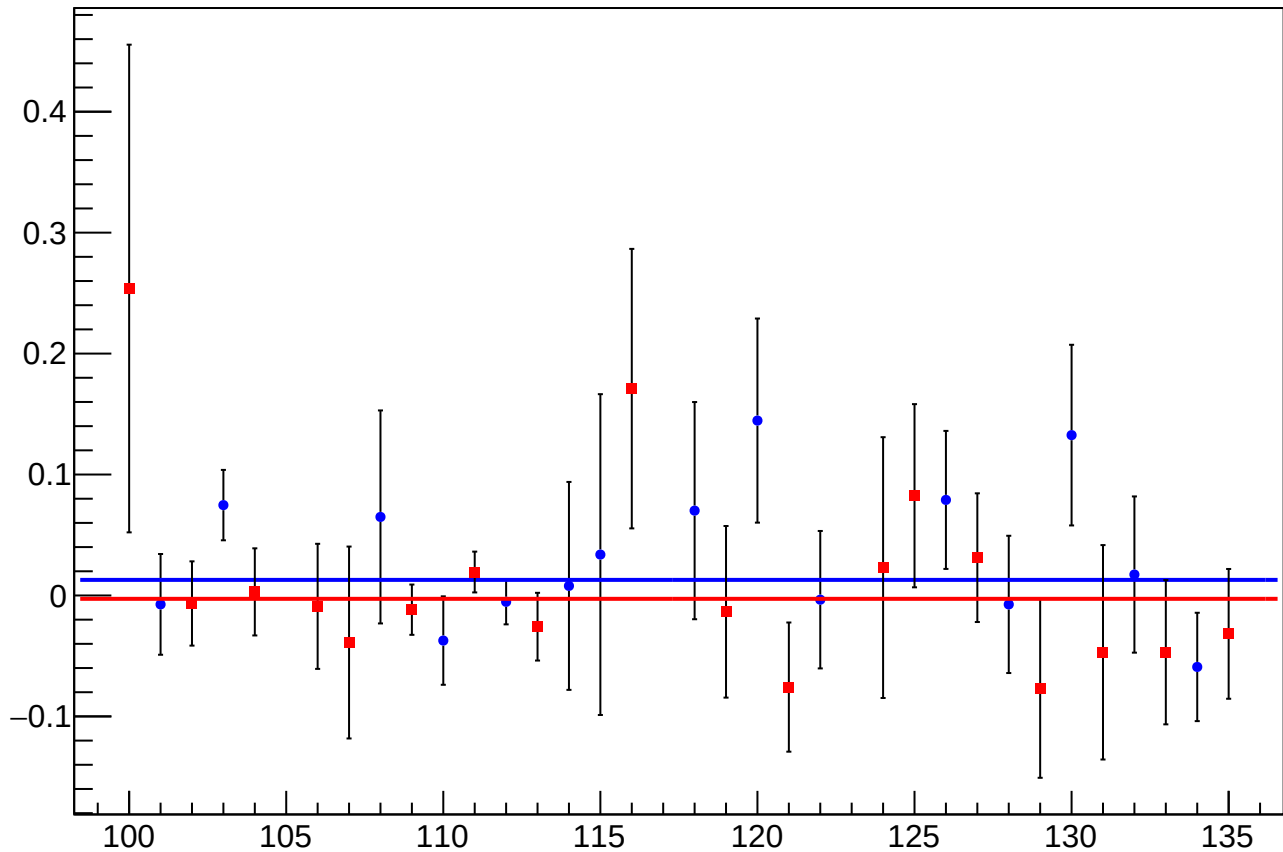
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.880+/-0.005 χ^2/NDF : 6158241.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 12.4/17

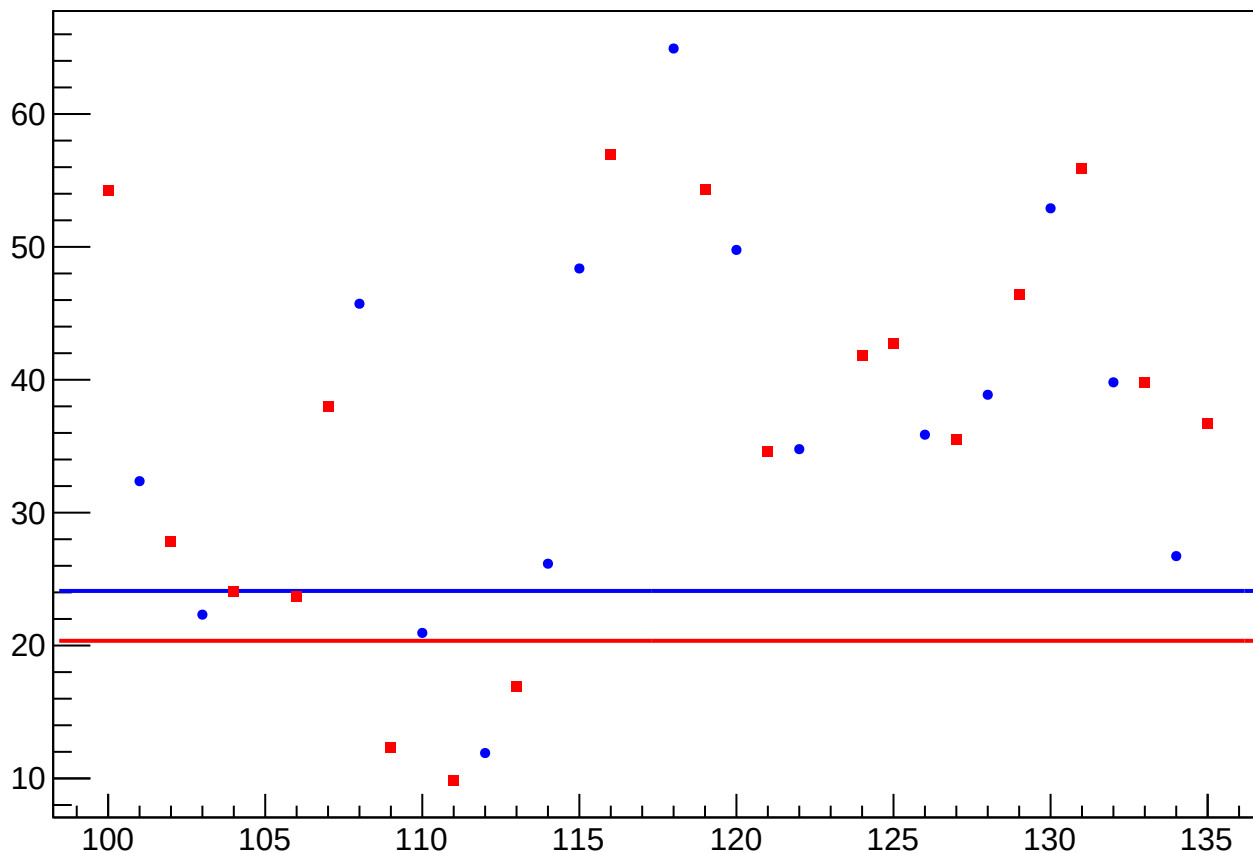
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 31.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.109+/-0.008 χ^2/NDF : 2458213.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.357+/-0.007 χ^2/NDF : 3569295.8/17

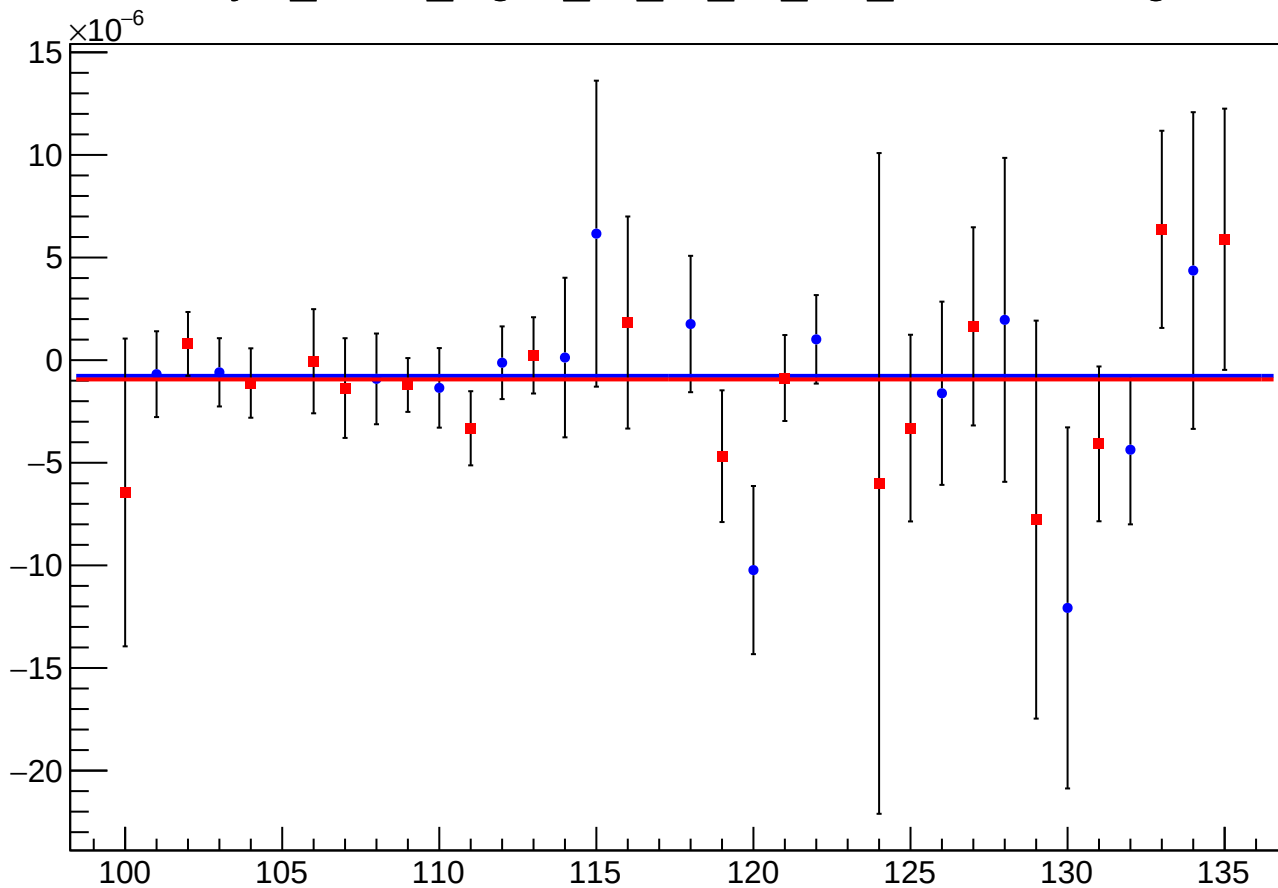
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.880+/-0.005 χ^2/NDF : 6158241.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 11.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 11.1/17

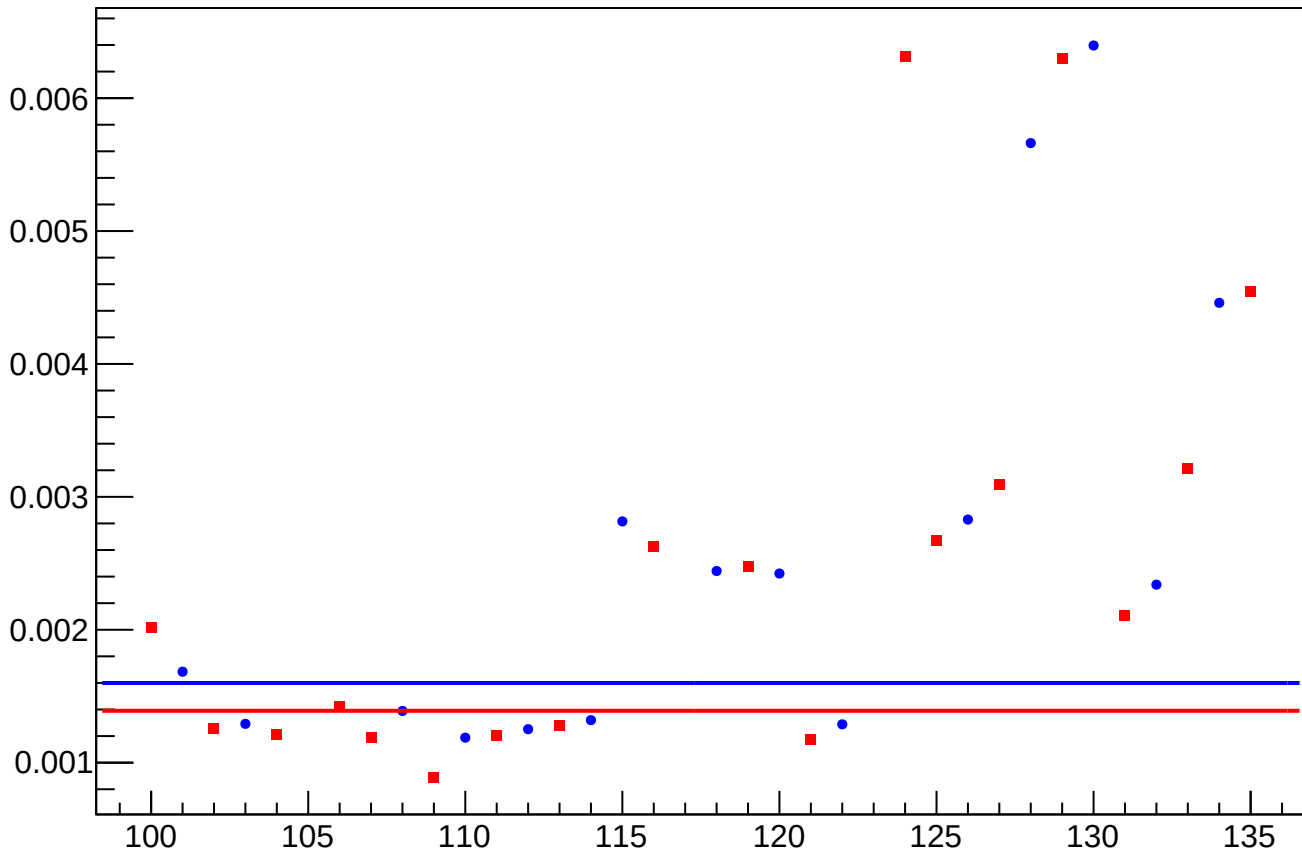
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 22.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2205164.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2710032.2/17

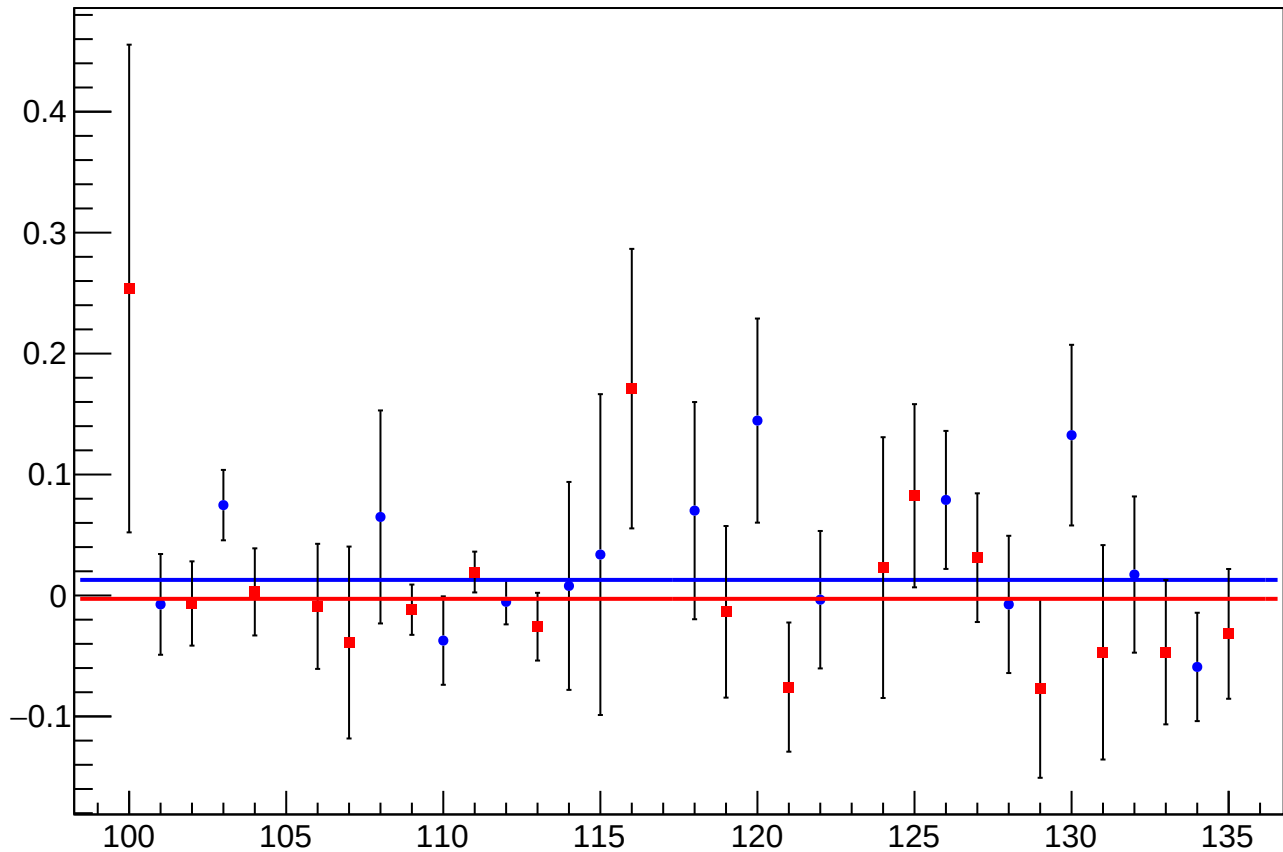
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5018439.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 12.4/17

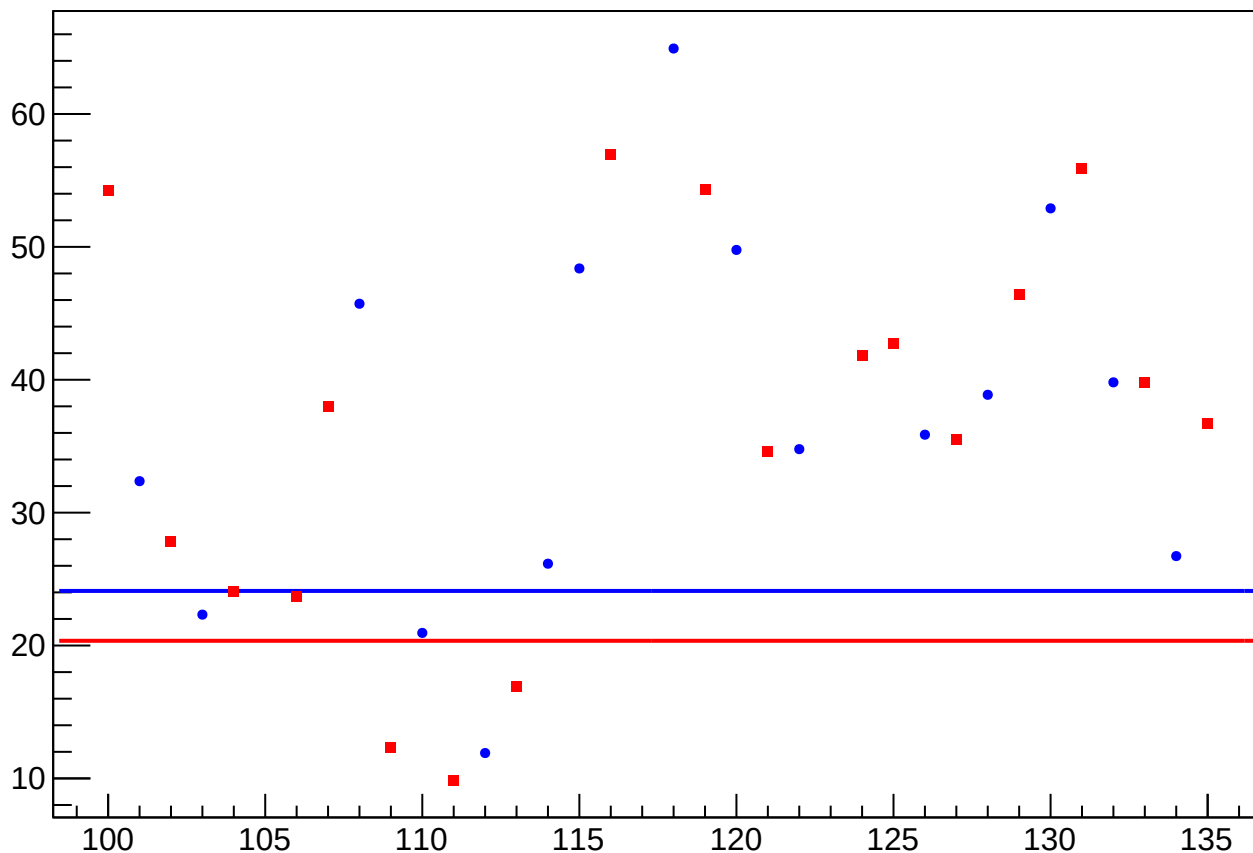
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 31.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.109+/-0.008 χ^2/NDF : 2458134.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

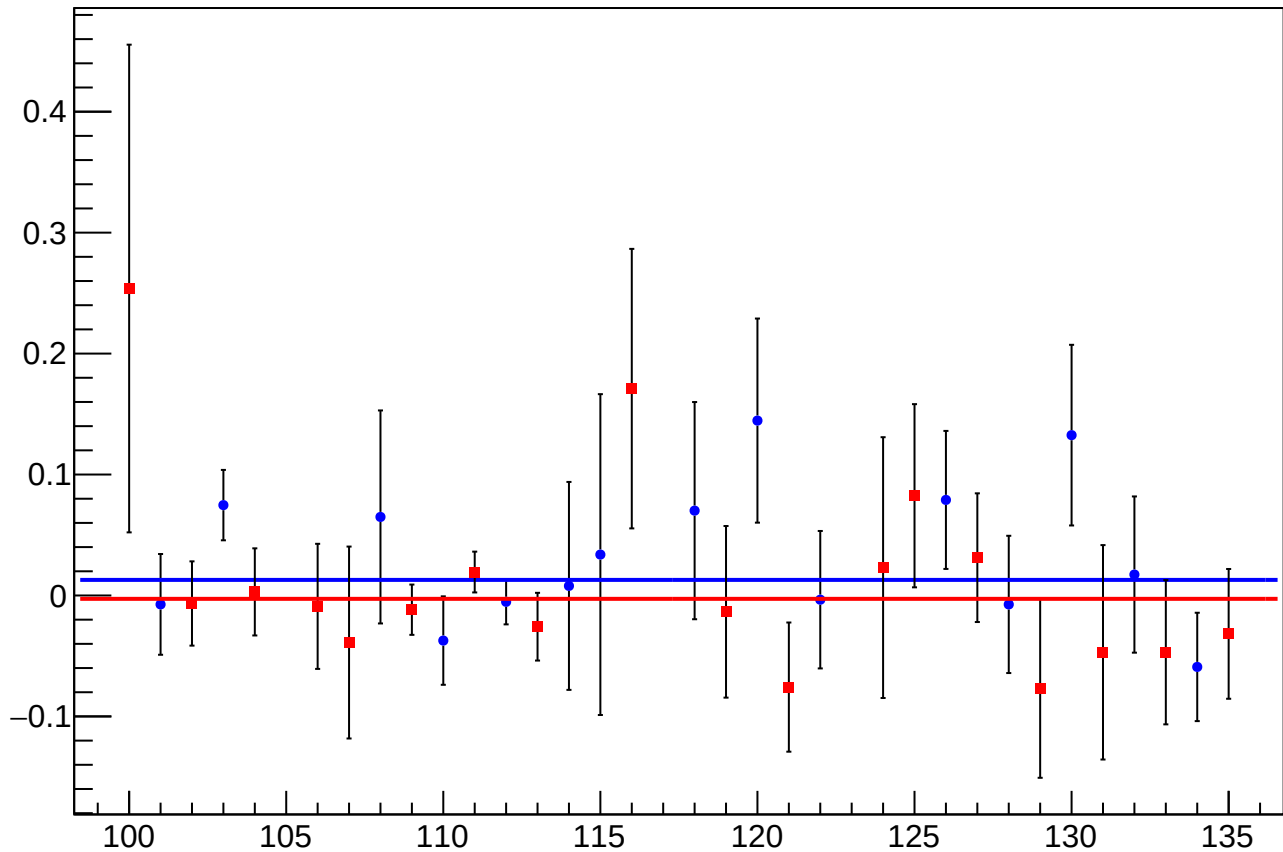
Right Out: 20.356+/-0.007 χ^2/NDF : 3569247.5/17

All: 21.880+/-0.005 χ^2/NDF : 6158129.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.013 $\pm$ 0.011 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.003 $\pm$ 0.009 χ^2 /NDF: 12.4/17

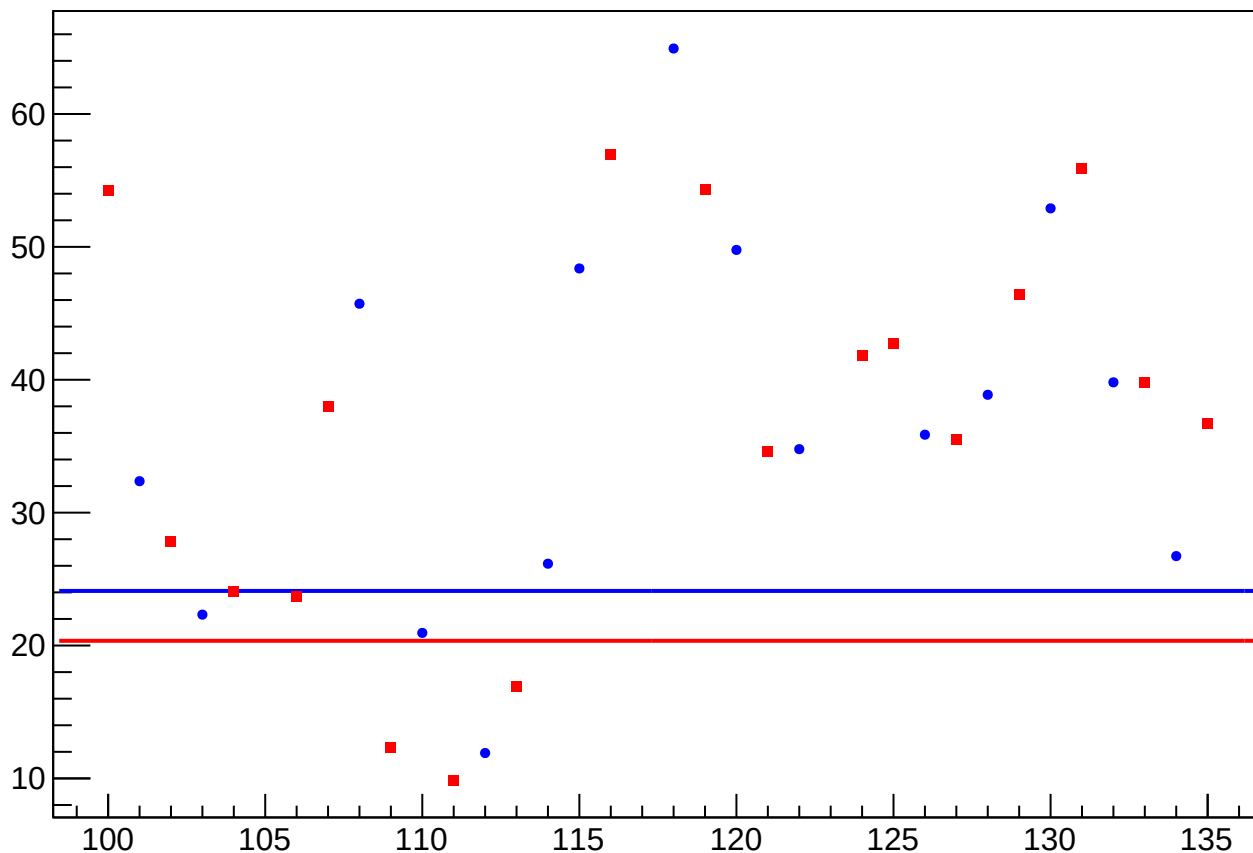
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.004 $\pm$ 0.007 χ^2 /NDF: 31.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.109+/-0.008 χ^2/NDF : 2458134.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.356+/-0.007 χ^2/NDF : 3569247.5/17

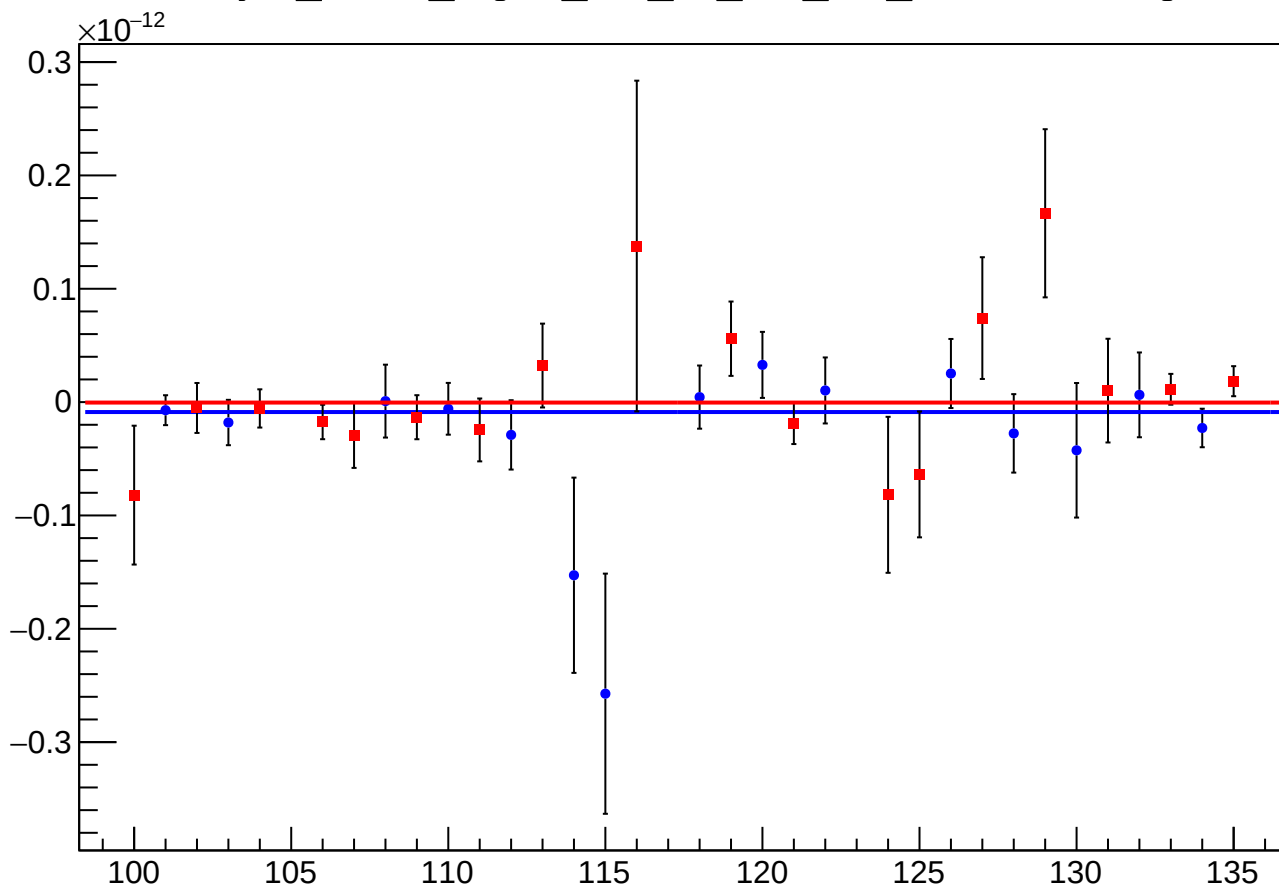
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.880+/-0.005 χ^2/NDF : 6158129.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.5/17

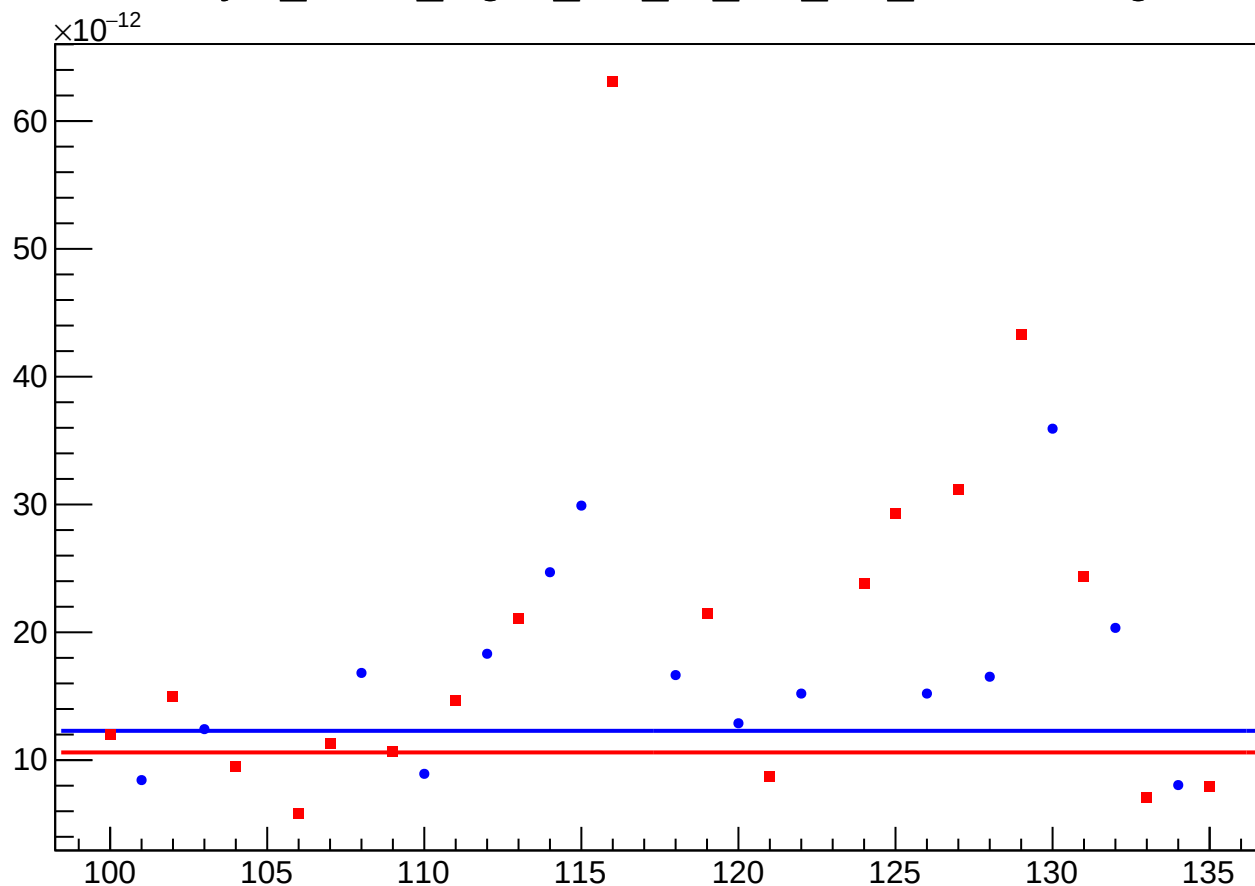
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 38.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam5_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1081125.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2371424.4/17

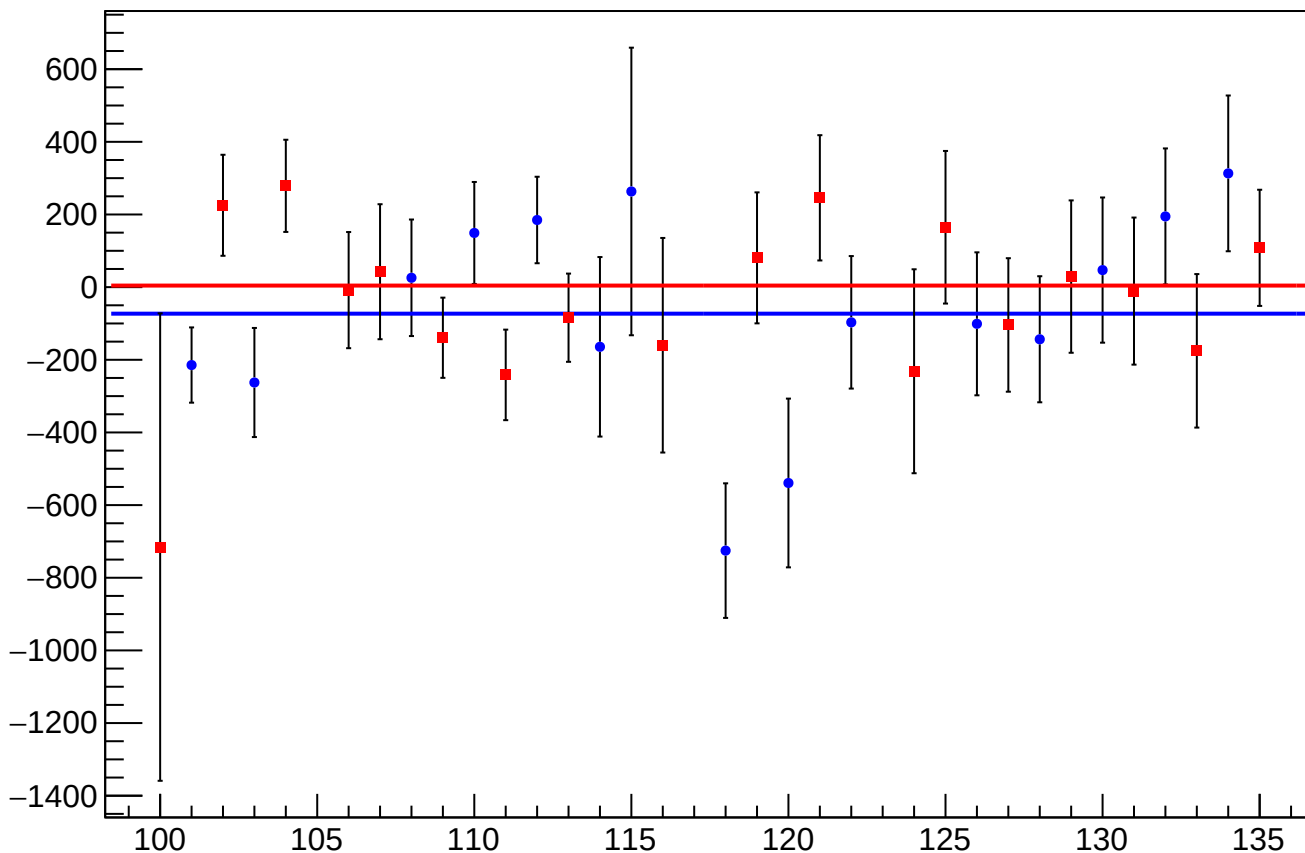
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3528445.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_mean vs Slug



Right In: -73.042 ± 43.331 χ^2/NDF : 34.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.306 ± 39.280 χ^2/NDF : 19.9/17

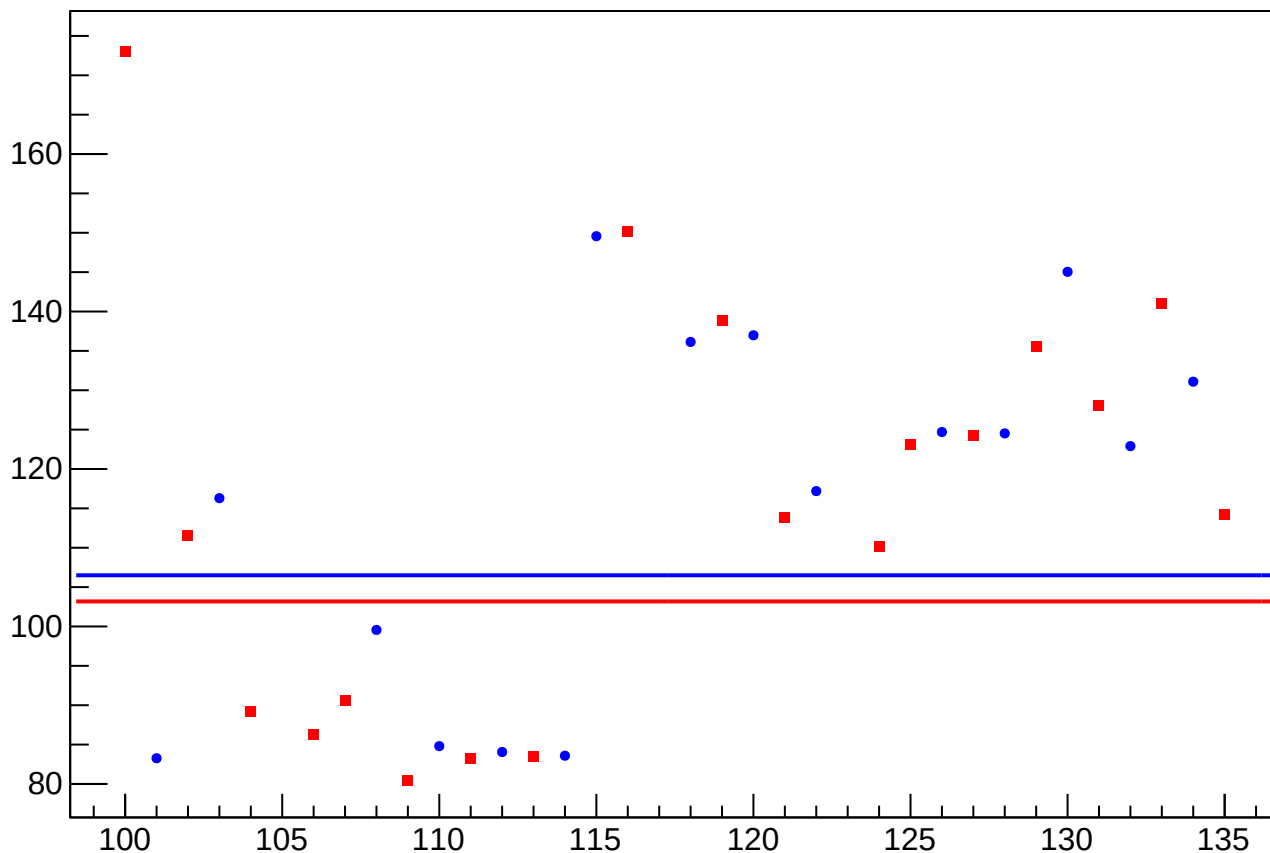
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.584 ± 29.102 χ^2/NDF : 55.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_rms vs Slug



Right In: 106.501+/-0.031 χ^2/NDF : 519872.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 103.181+/-0.028 χ^2/NDF : 608949.1/17

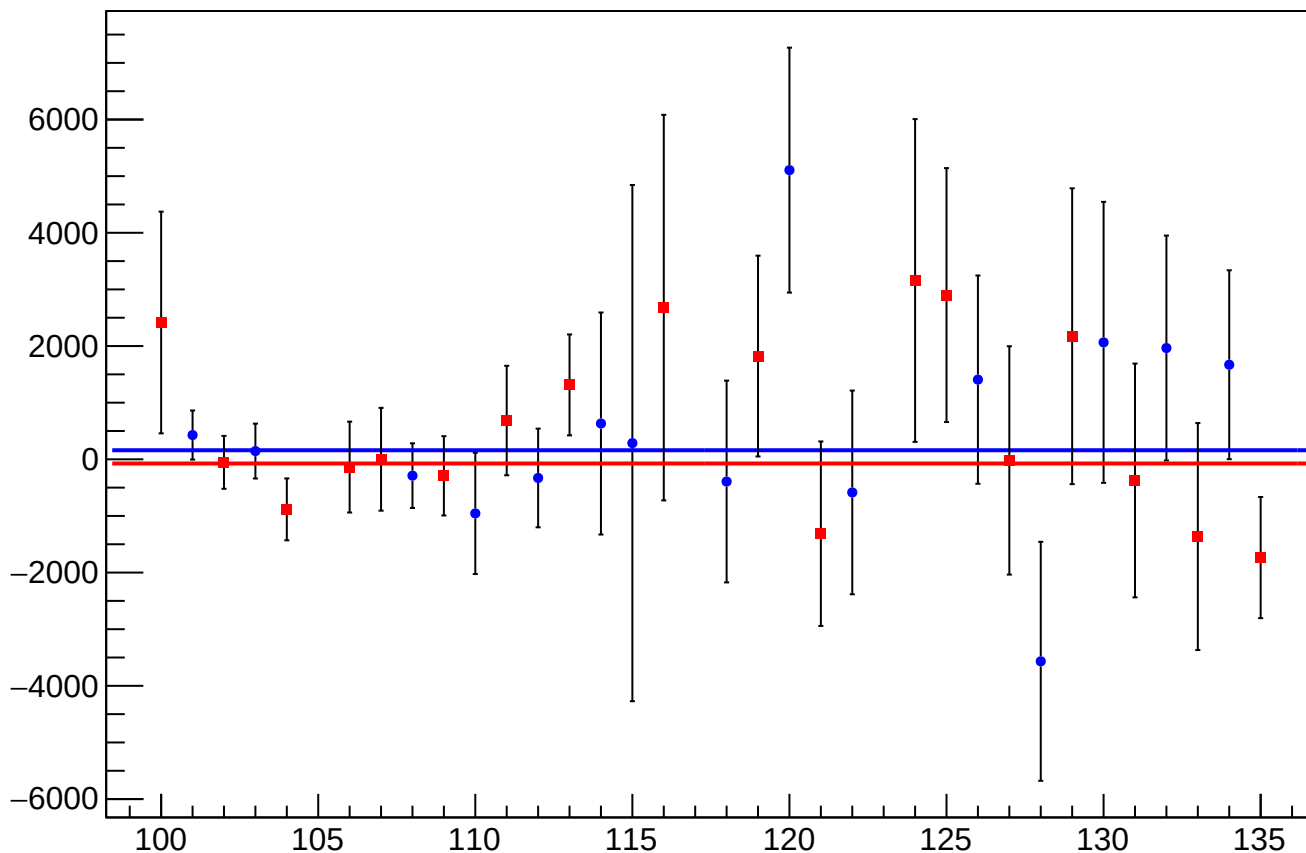
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.679+/-0.021 χ^2/NDF : 1135266.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_correction_mean vs Slug



Right In: 159.958 $\pm$ 240.458 χ^2 /NDF: 13.8/14

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

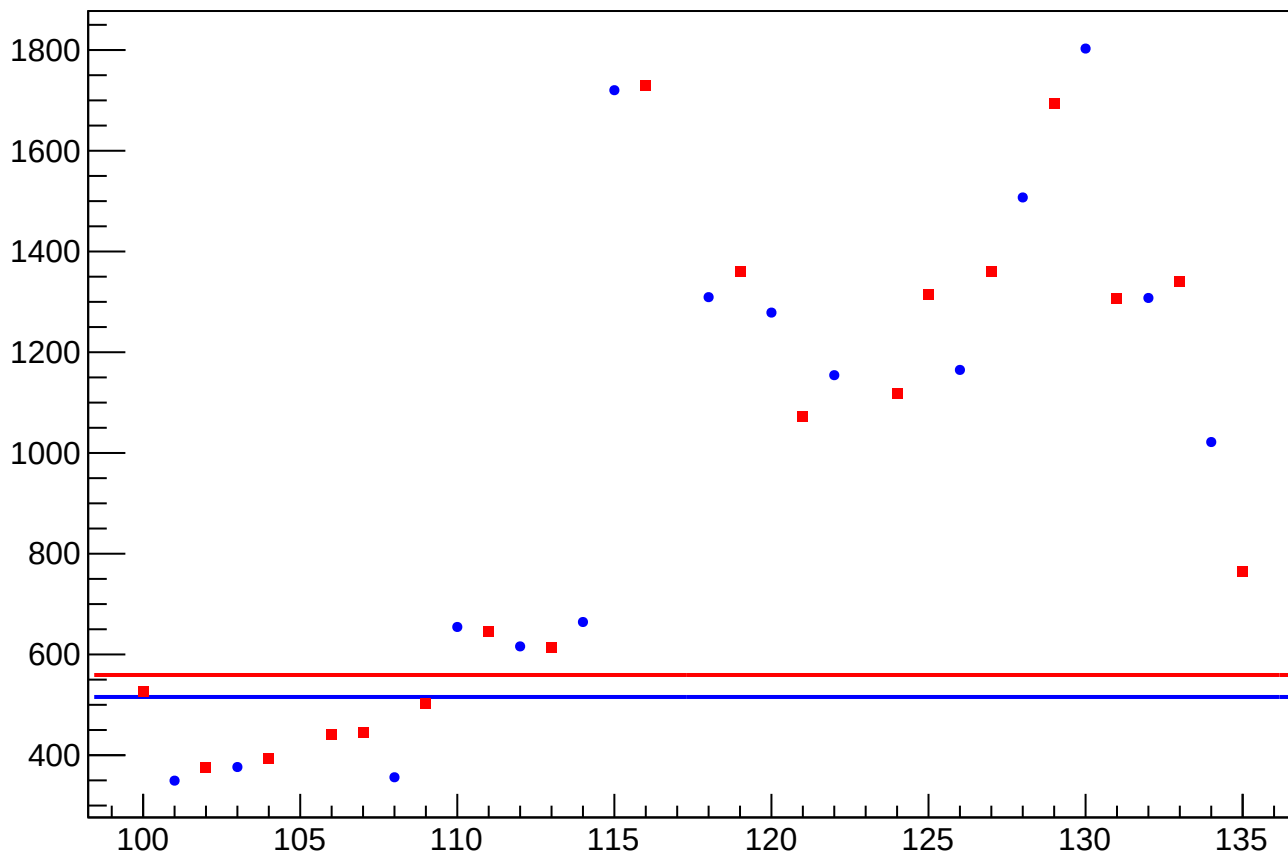
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.110 $\pm$ 167.882 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_reg_correction_rms vs Slug



Right In: 515.575+/-0.170 χ^2/NDF : 3457167.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 559.234+/-0.166 χ^2/NDF : 3087163.1/17

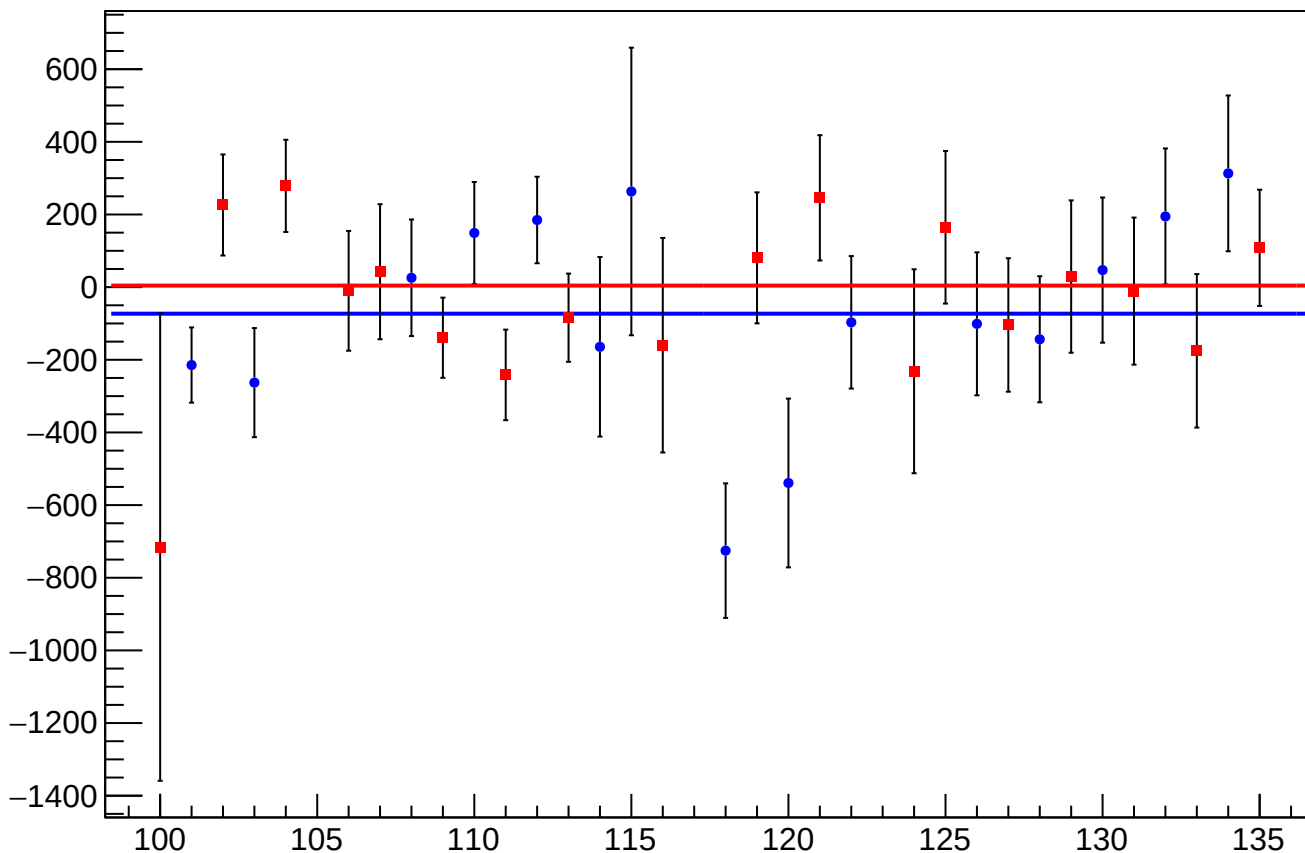
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.953+/-0.119 χ^2/NDF : 6578124.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_mean vs Slug



Right In: -73.074 ± 43.331 χ^2/NDF : 34.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 4.283 ± 39.353 χ^2/NDF : 19.9/17

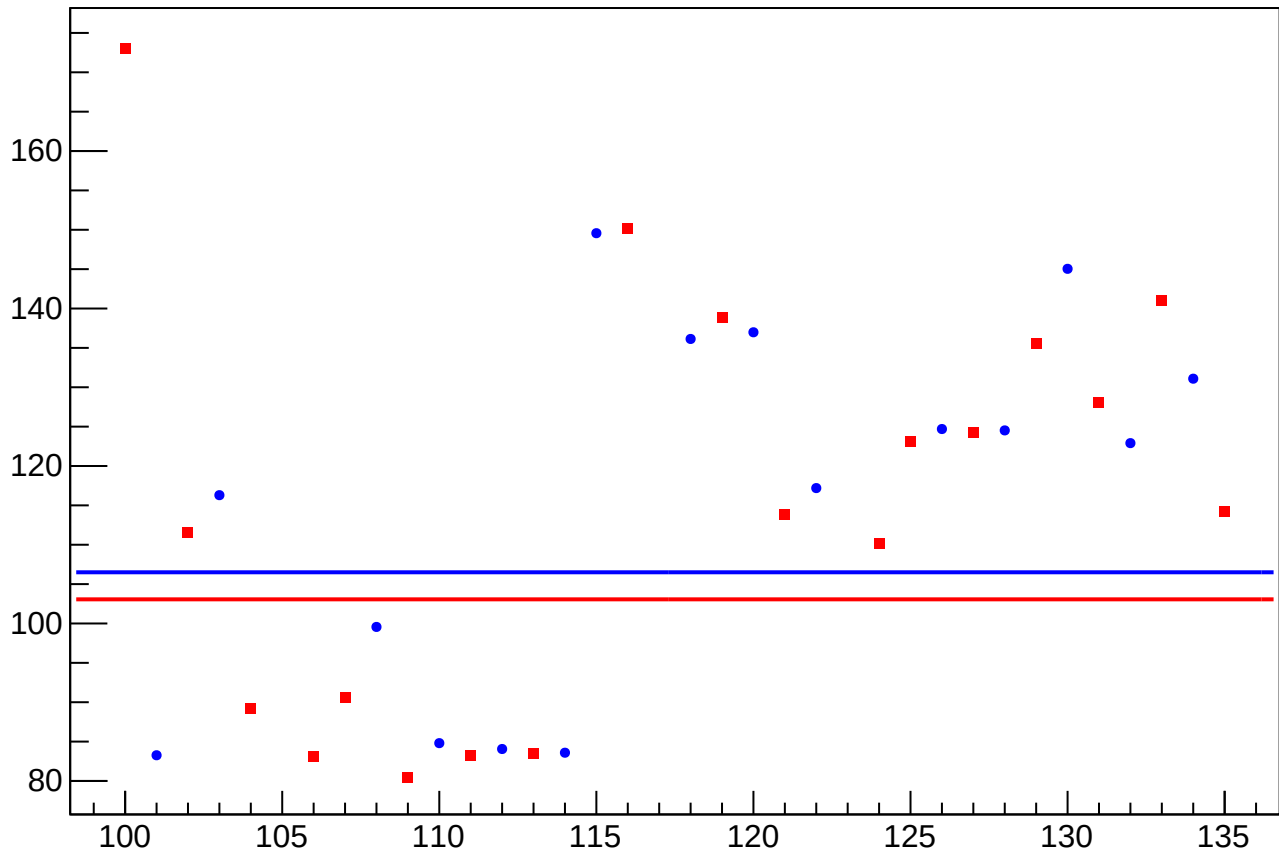
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.682 ± 29.132 χ^2/NDF : 55.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam6_rms vs Slug



Right In: 106.501 $\pm$ 0.031 χ^2 /NDF: 519874.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 103.065 $\pm$ 0.028 χ^2 /NDF: 616244.0/17

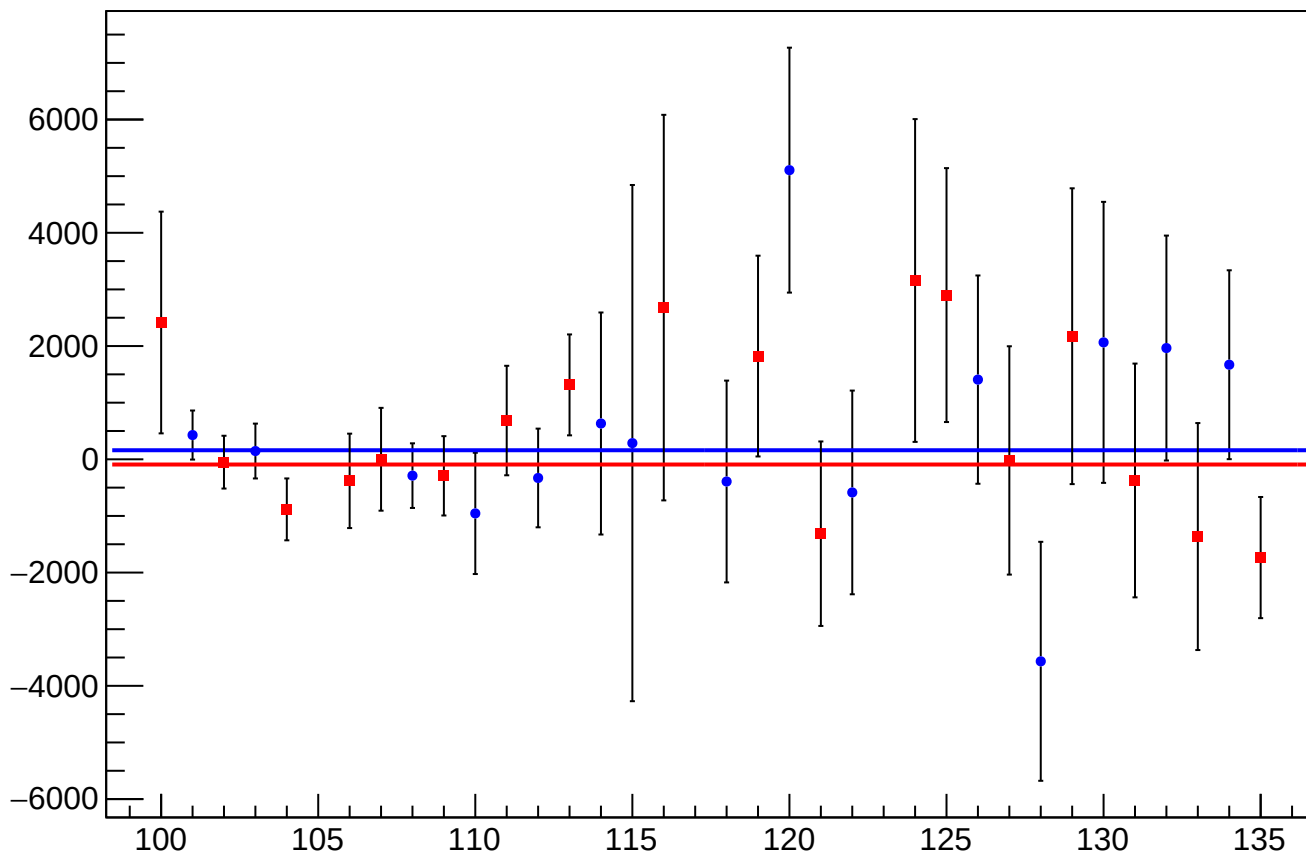
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.618 $\pm$ 0.021 χ^2 /NDF: 1143008.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_mean vs Slug



Right In: 160.117 $\pm$ 240.450 χ^2 /NDF: 13.8/14

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

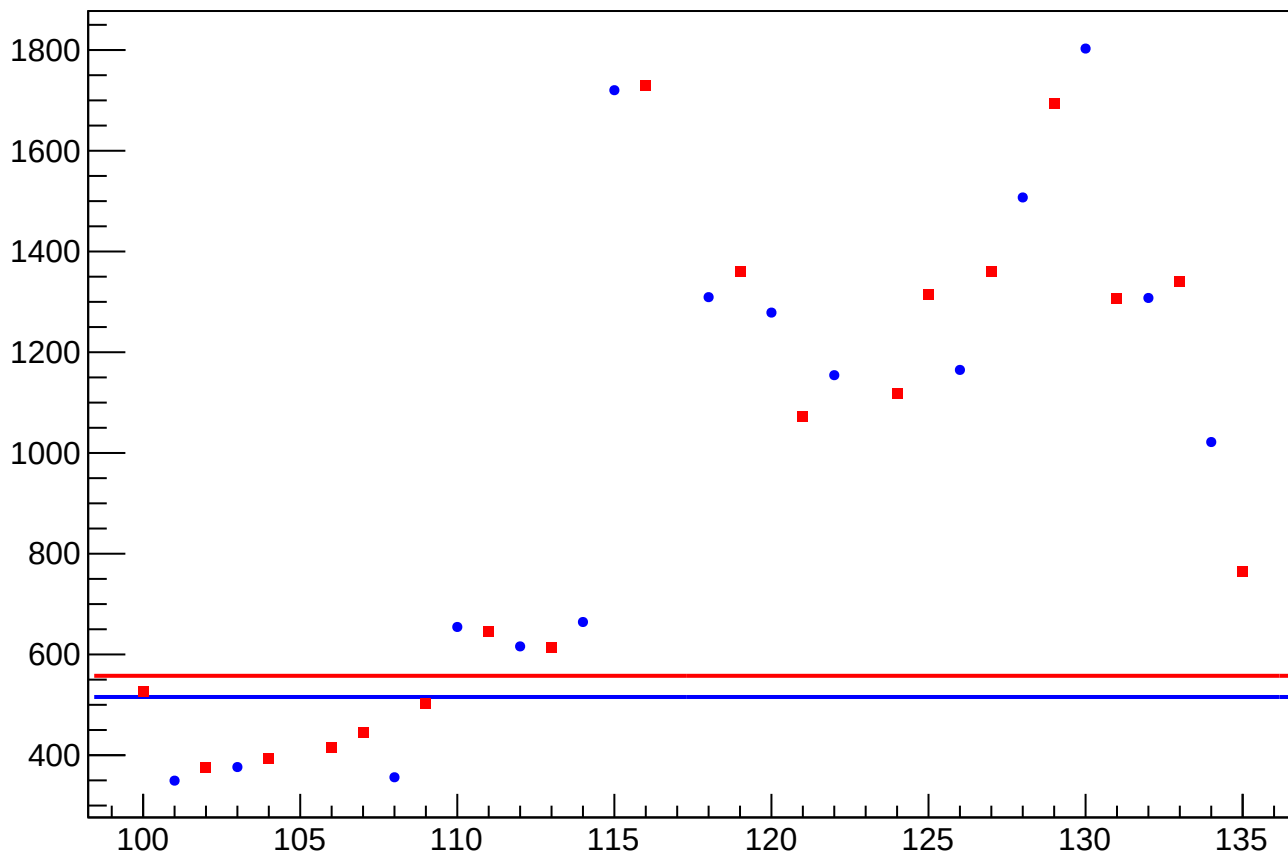
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 31.272 $\pm$ 168.115 χ^2 /NDF: 30.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_cor_correction_rms vs Slug



Right In: 515.553+/-0.170 χ^2/NDF : 3457336.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 557.607+/-0.166 χ^2/NDF : 3106465.3/17

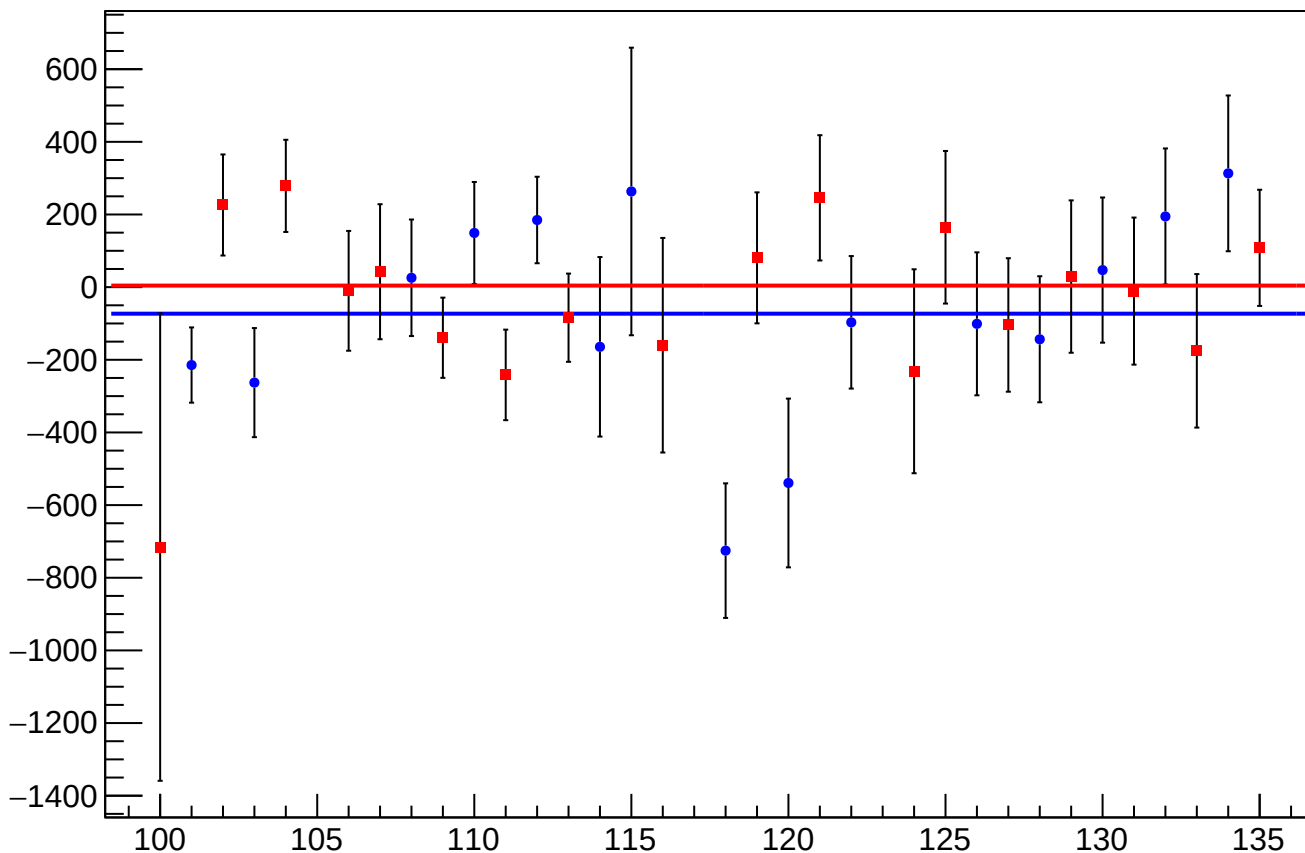
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 537.049+/-0.119 χ^2/NDF : 6595072.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam6_mean vs Slug



Right In: -73.074 $\pm$ 43.331 χ^2 /NDF: 34.2/14

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

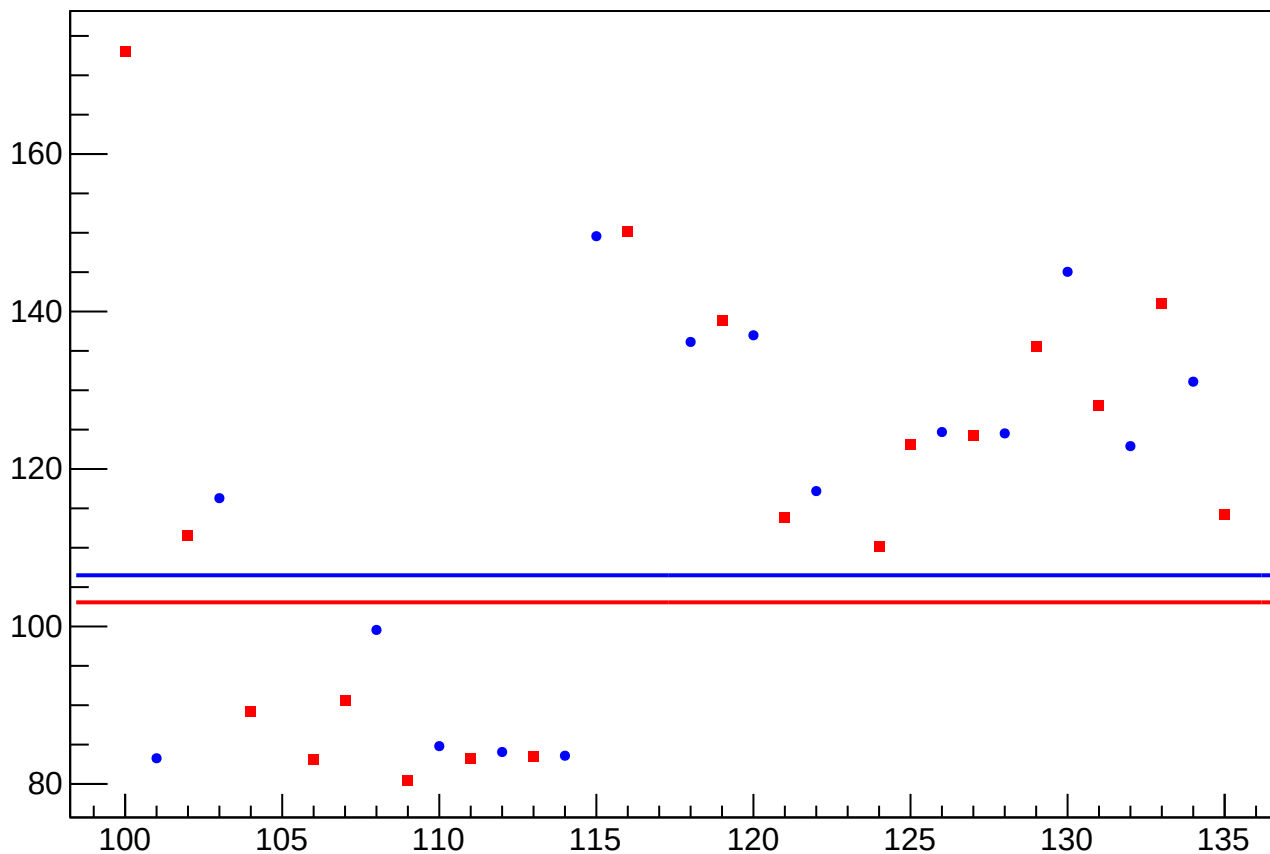
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.682 $\pm$ 29.132 χ^2 /NDF: 55.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam6_rms vs Slug



Right In: 106.501 $\pm$ 0.031 χ^2 /NDF: 519874.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 103.065 $\pm$ 0.028 χ^2 /NDF: 616244.0/17

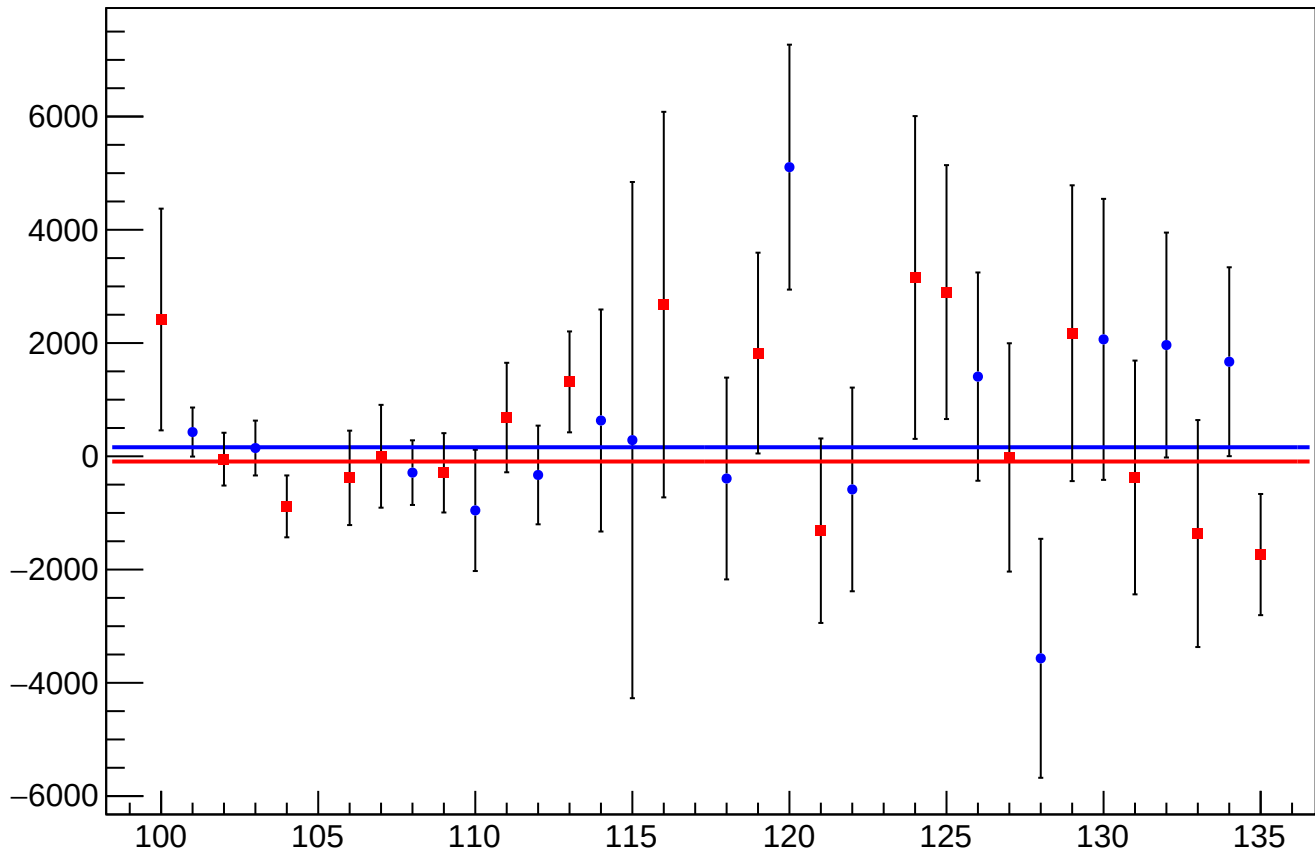
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 104.618 $\pm$ 0.021 χ^2 /NDF: 1143008.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_correction_mean vs Slug



Right In: 160.117+/-240.450 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -91.947+/-235.141 χ^2/NDF : 16.1/17

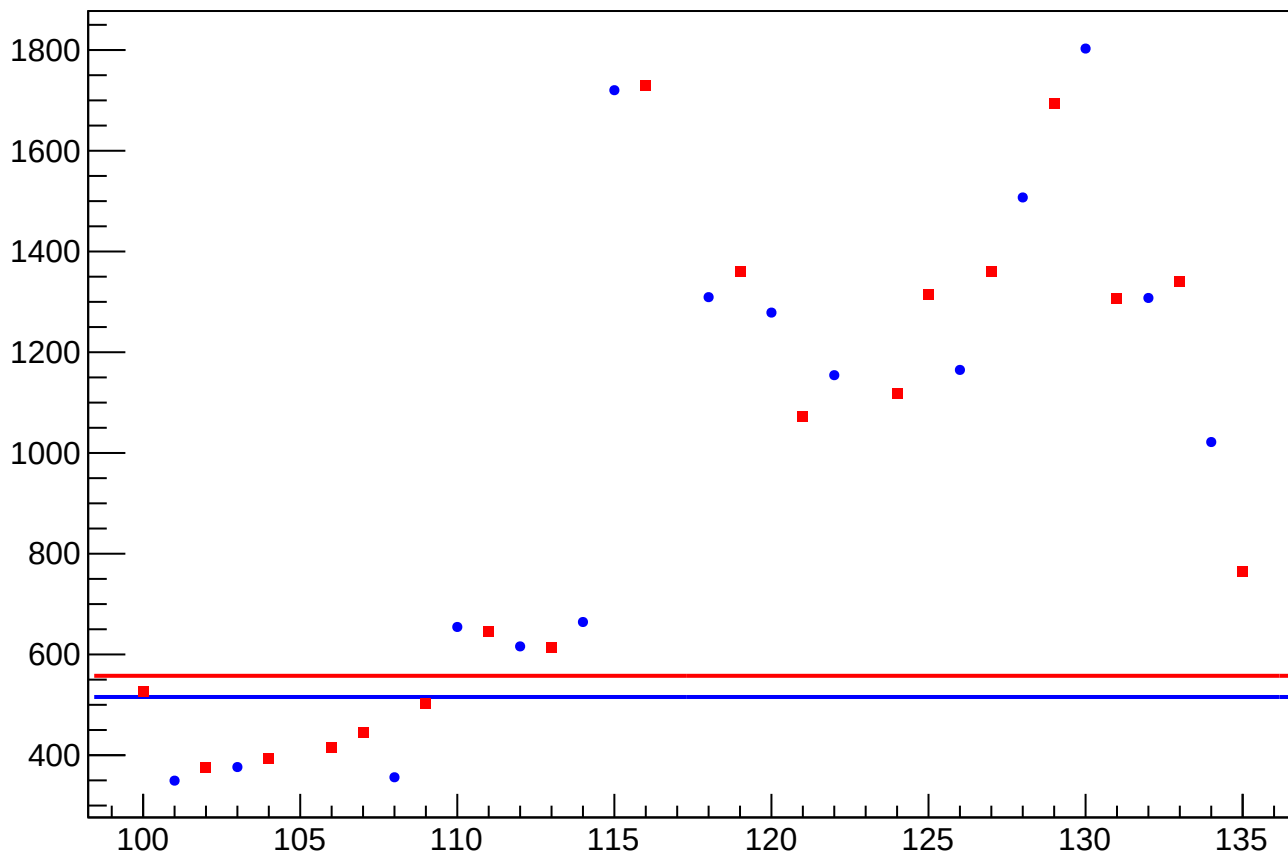
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 31.272+/-168.115 χ^2/NDF : 30.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_cor_correction_rms vs Slug



Right In: 515.553+/-0.170 χ^2/NDF : 3457336.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

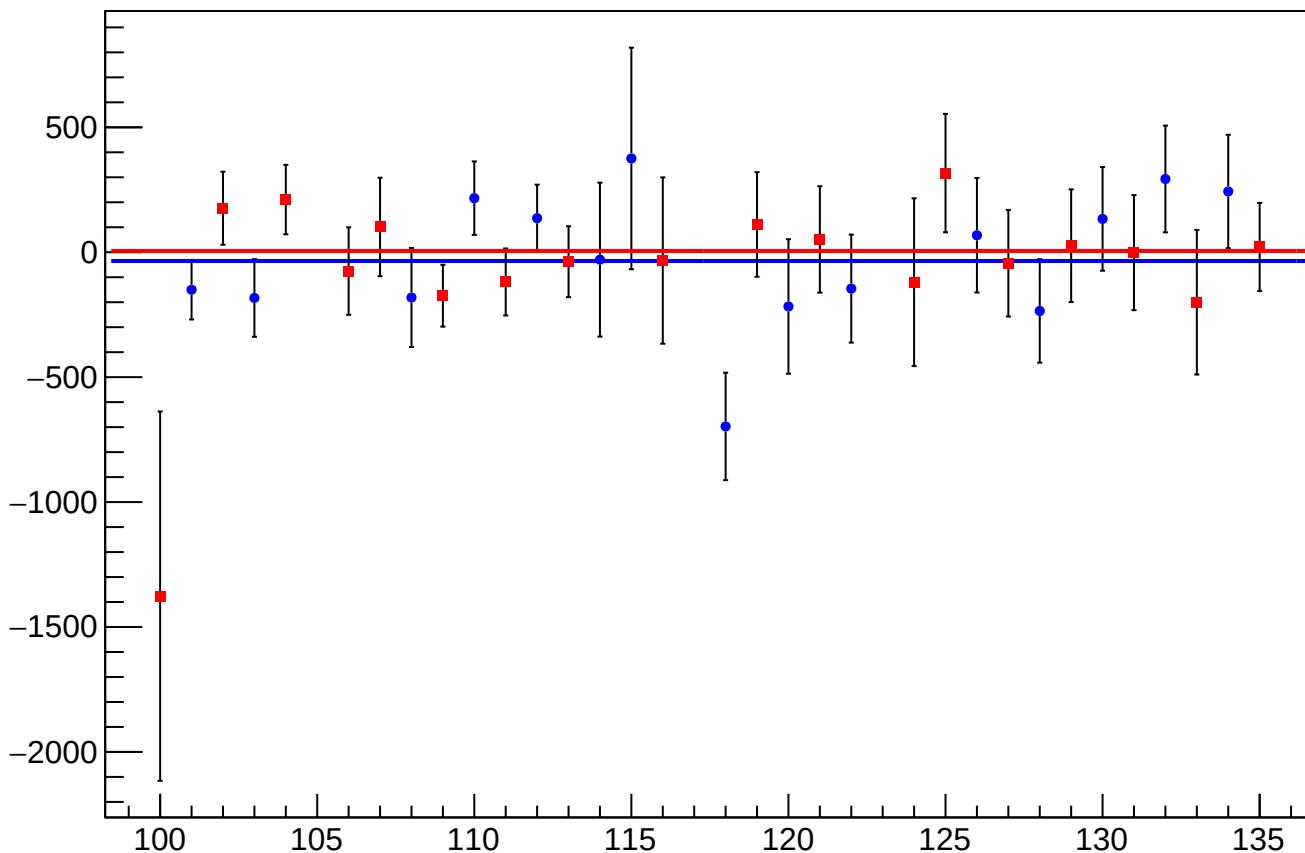
Right Out: 557.607+/-0.166 χ^2/NDF : 3106465.3/17

All: 537.049+/-0.119 χ^2/NDF : 6595072.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam6_mean vs Slug



Right In: -35.125+/-48.902 χ^2 /NDF: 23.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 5.193+/-44.094 χ^2 /NDF: 13.3/17

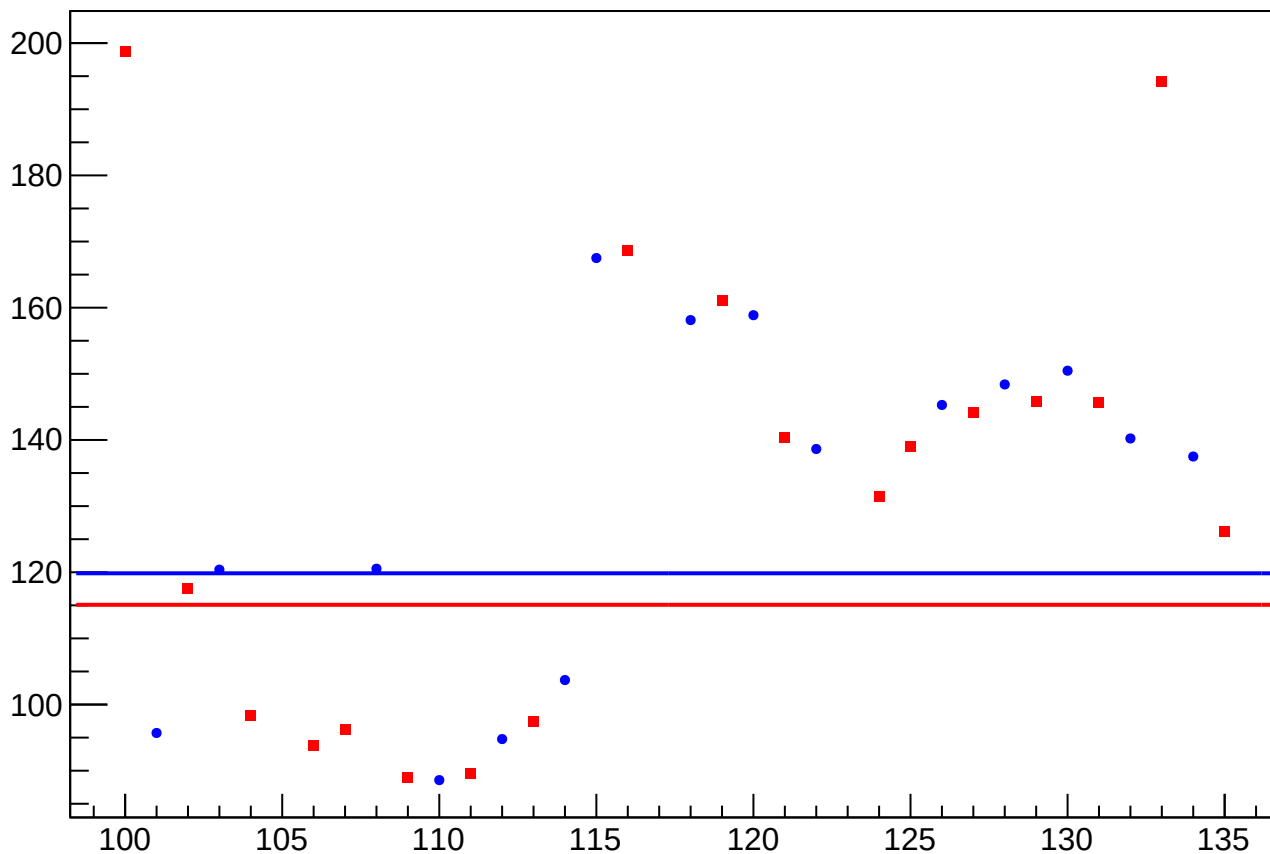
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -12.887+/-32.747 χ^2 /NDF: 37.3/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_sam6_rms vs Slug



Right In: 119.845 $\pm$ 0.035 χ^2 /NDF: 527682.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.080 $\pm$ 0.031 χ^2 /NDF: 763927.9/17

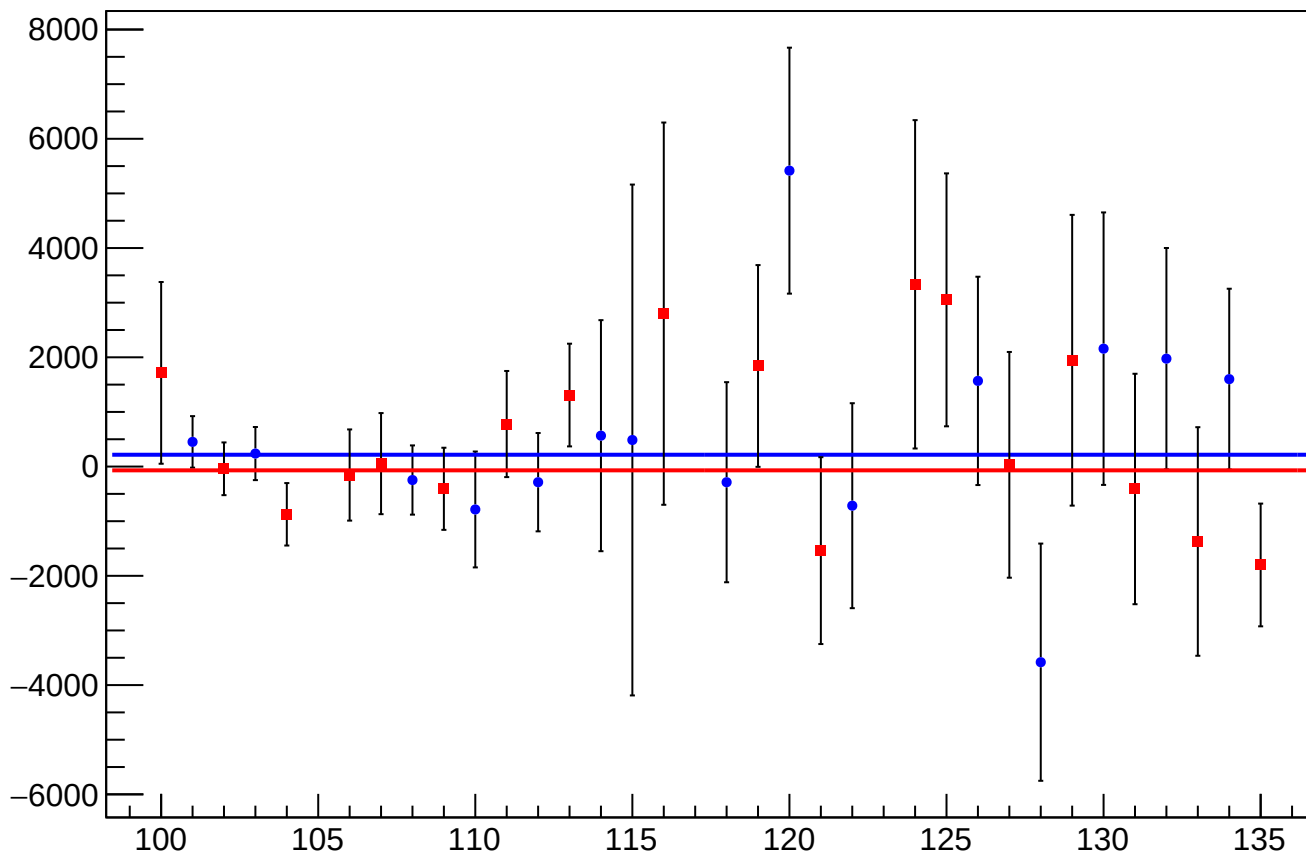
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.217 $\pm$ 0.023 χ^2 /NDF: 1302087.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_correction_mean vs Slug



Right In: 216.434+/-252.775 χ^2/NDF : 13.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -69.214+/-243.134 χ^2/NDF : 15.2/17

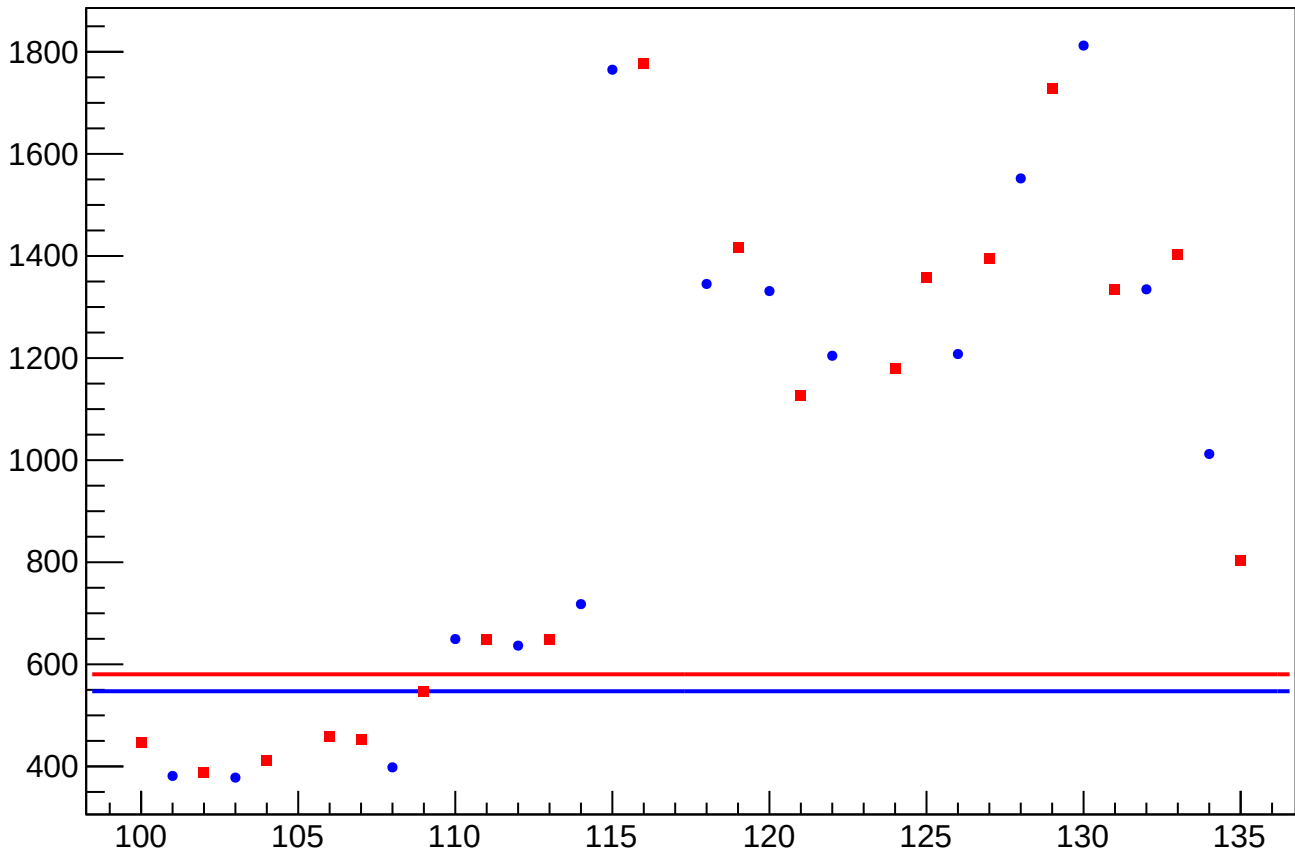
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.059+/-175.231 χ^2/NDF : 29.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_correction_rms vs Slug



Right In: 547.296+/-0.179 χ^2/NDF : 3298282.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

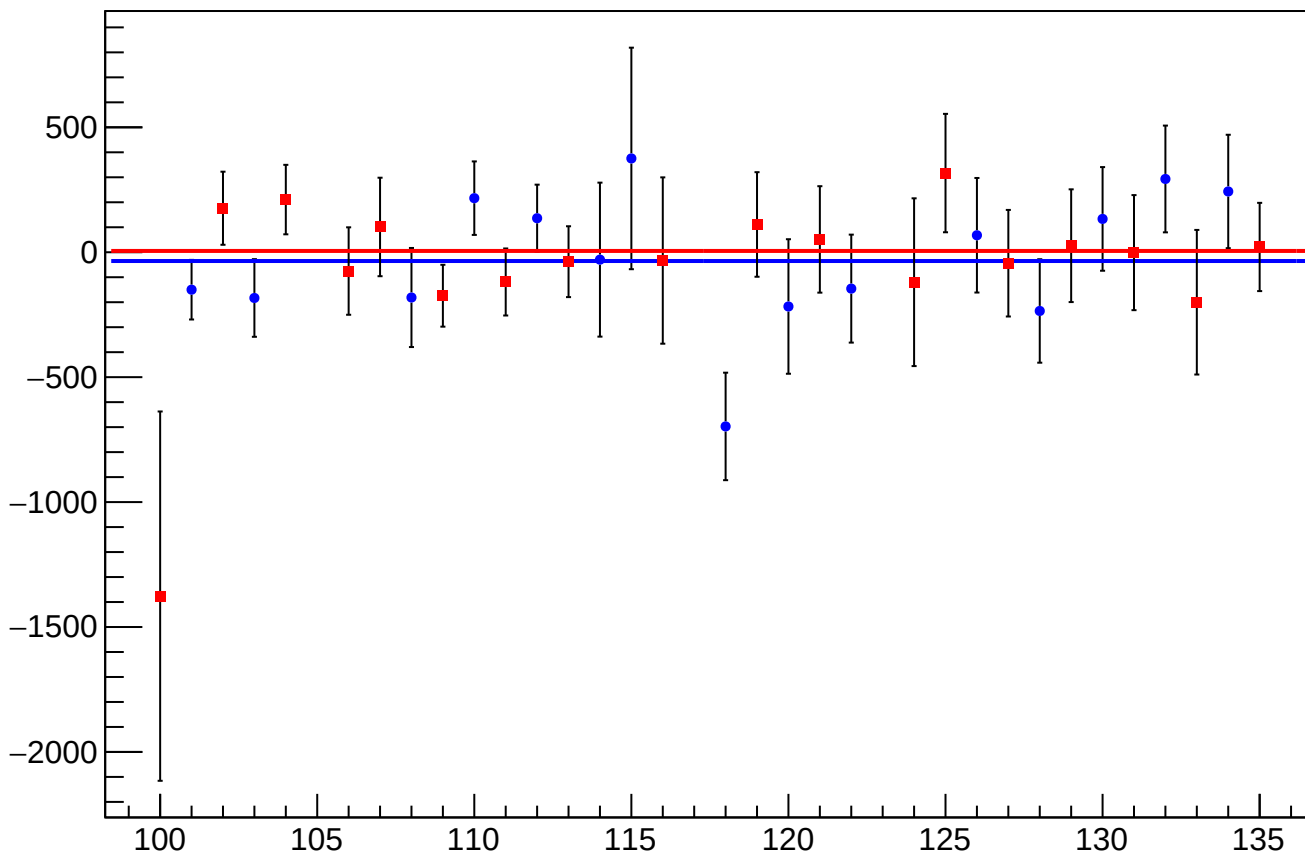
Right Out: 580.455+/-0.172 χ^2/NDF : 3090140.0/17

All: 564.520+/-0.124 χ^2/NDF : 6406299.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_mean vs Slug



Right In: -35.127 ± 48.902 χ^2/NDF : 23.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.191 ± 44.094 χ^2/NDF : 13.3/17

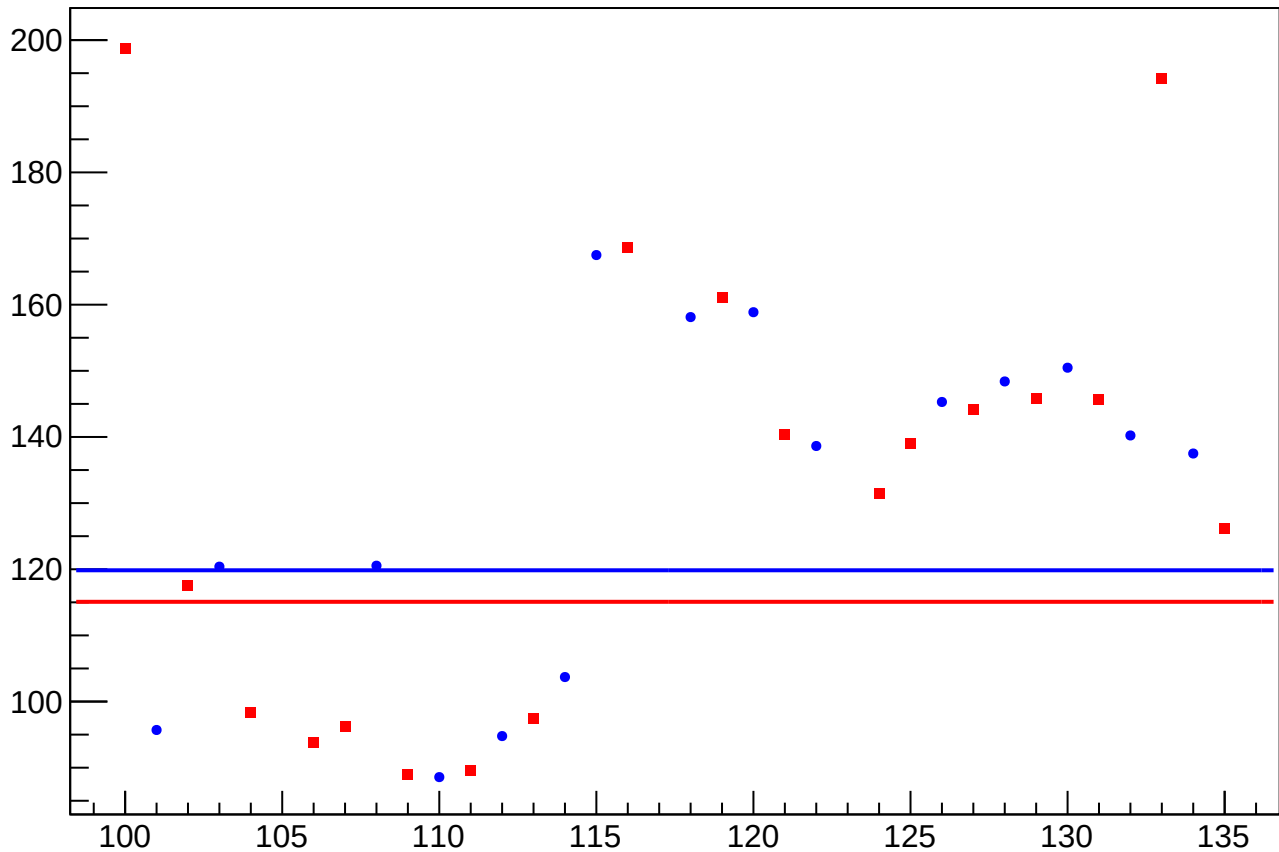
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -12.889 ± 32.747 χ^2/NDF : 37.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam6_rms vs Slug



Right In: 119.845 $\pm$ 0.035 χ^2 /NDF: 527685.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.079 $\pm$ 0.031 χ^2 /NDF: 763926.7/17

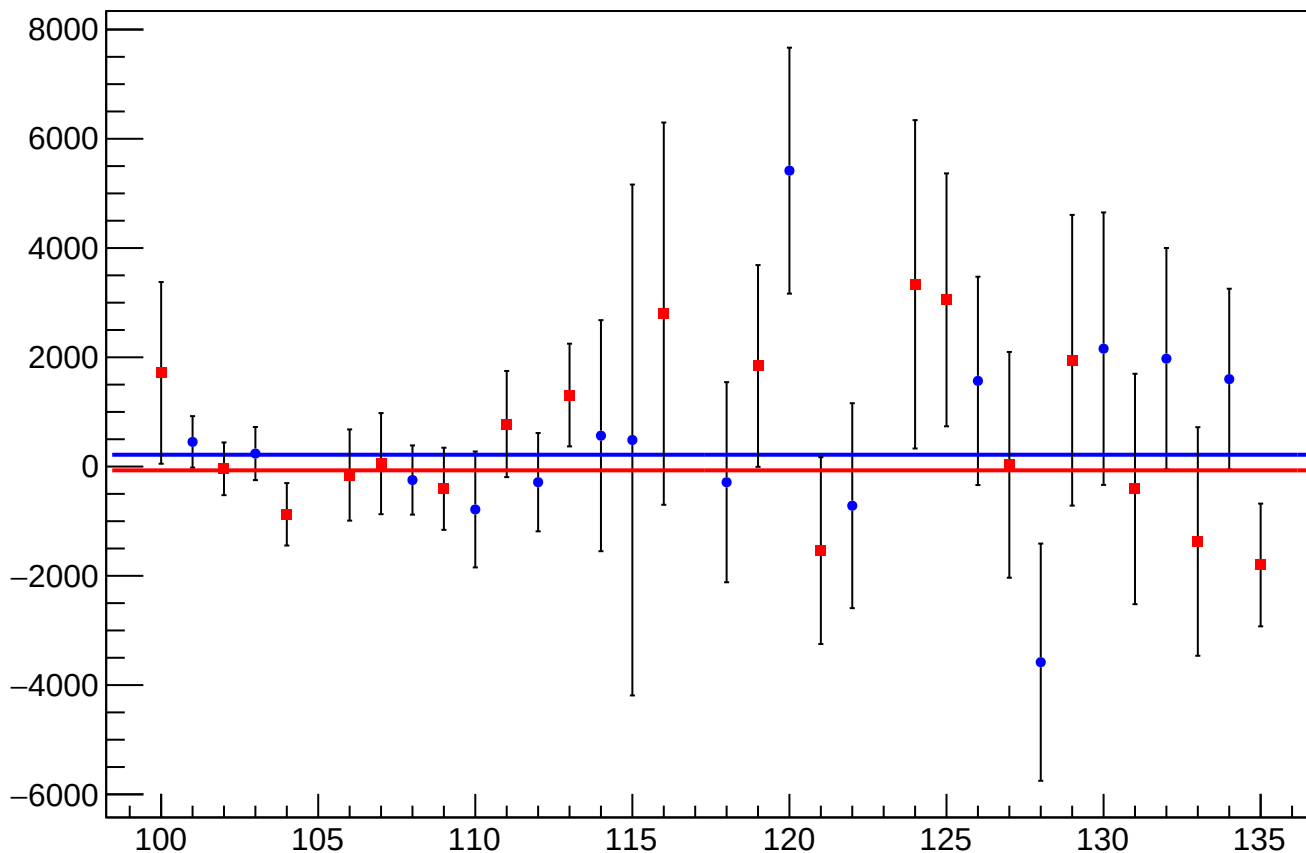
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 117.216 $\pm$ 0.023 χ^2 /NDF: 1302088.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_mean vs Slug



Right In: 216.434 $\pm$ 252.774 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -69.216 $\pm$ 243.133 χ^2 /NDF: 15.2/17

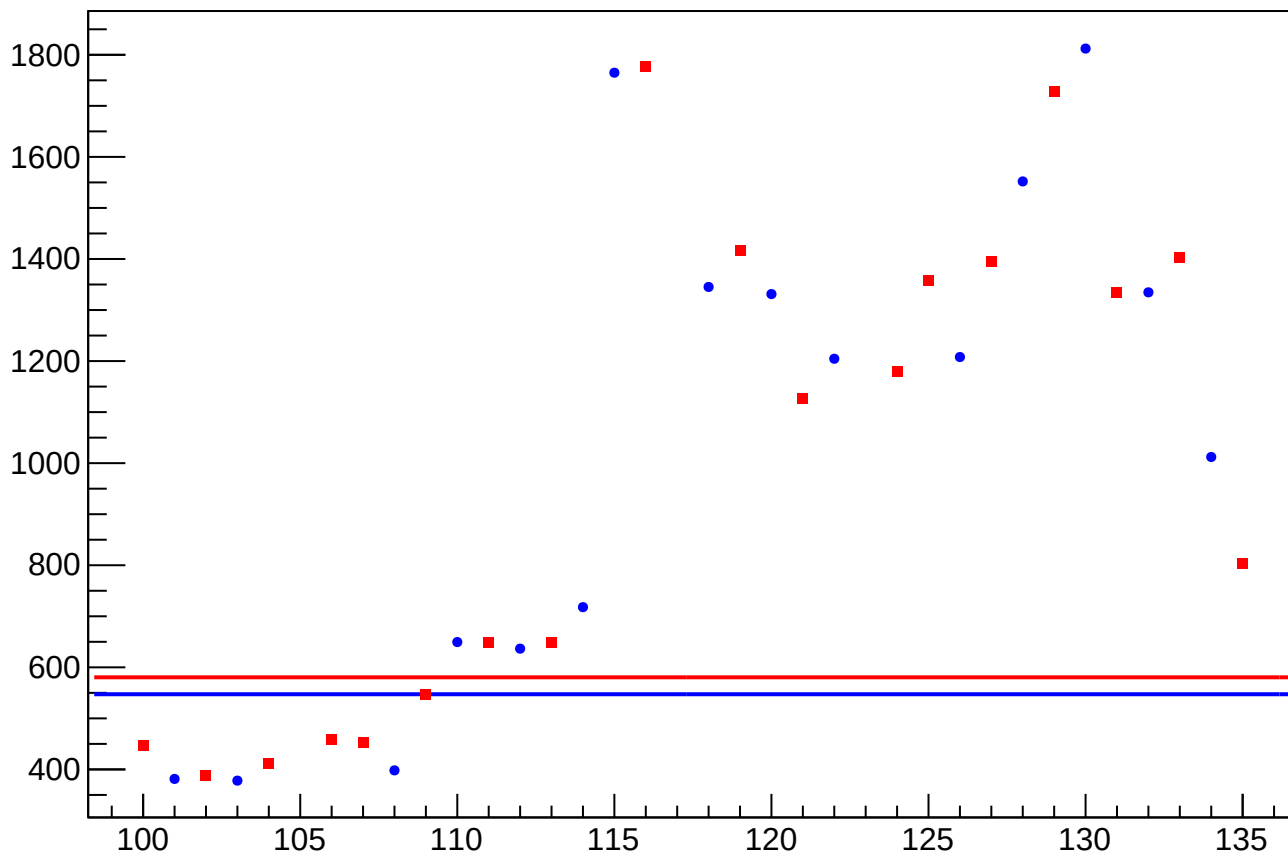
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.058 $\pm$ 175.230 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_correction_rms vs Slug



Right In: 547.295+/-0.179 χ^2/NDF : 3298286.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 580.454+/-0.172 χ^2/NDF : 3090140.2/17

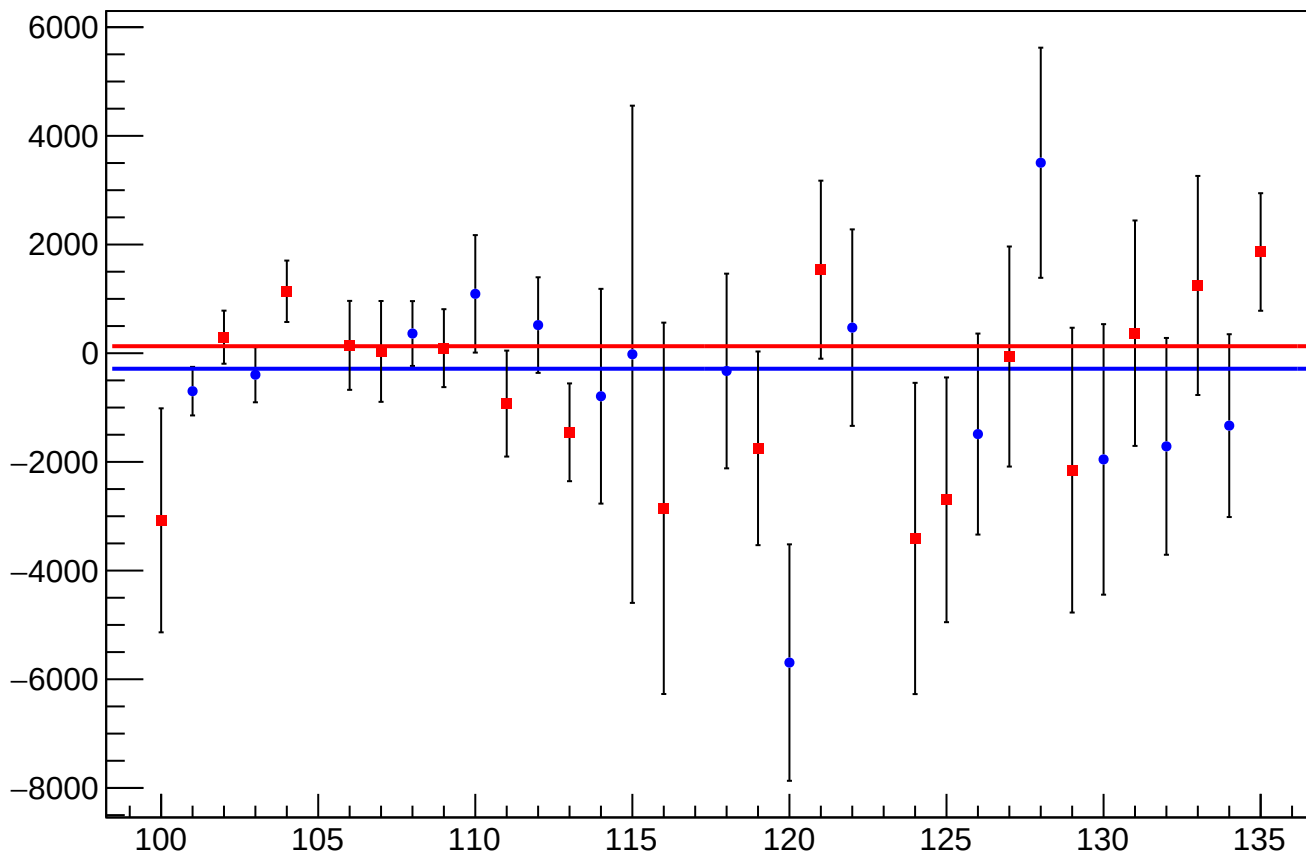
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 564.519+/-0.124 χ^2/NDF : 6406304.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_mean vs Slug



Right In: -285.610 ± 247.984 χ^2/NDF : 15.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 129.065 ± 240.706 χ^2/NDF : 19.4/17

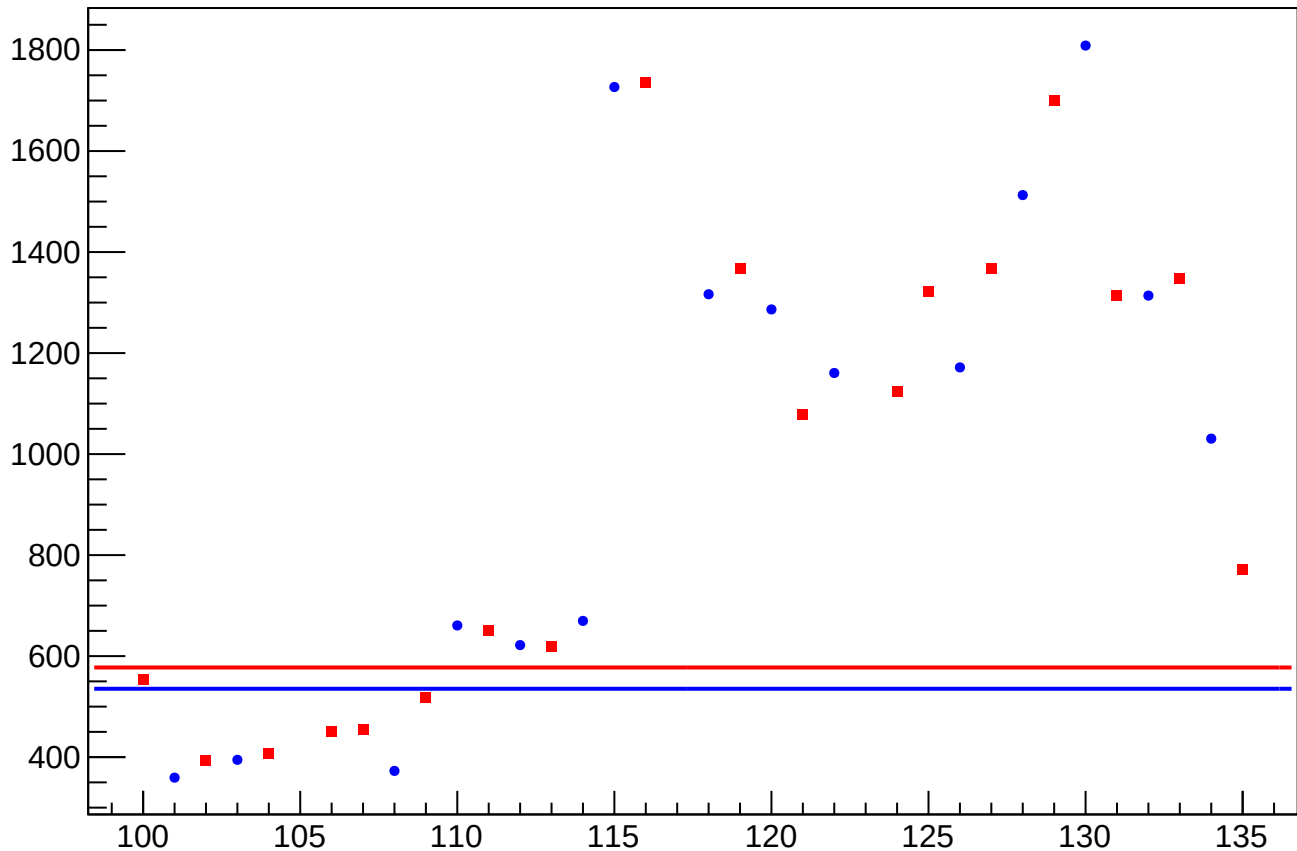
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -72.098 ± 172.721 χ^2/NDF : 36.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_rms vs Slug



Right In: 535.332 ± 0.175 χ^2/NDF : 3325627.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 577.463 ± 0.170 χ^2/NDF : 2962419.3/17

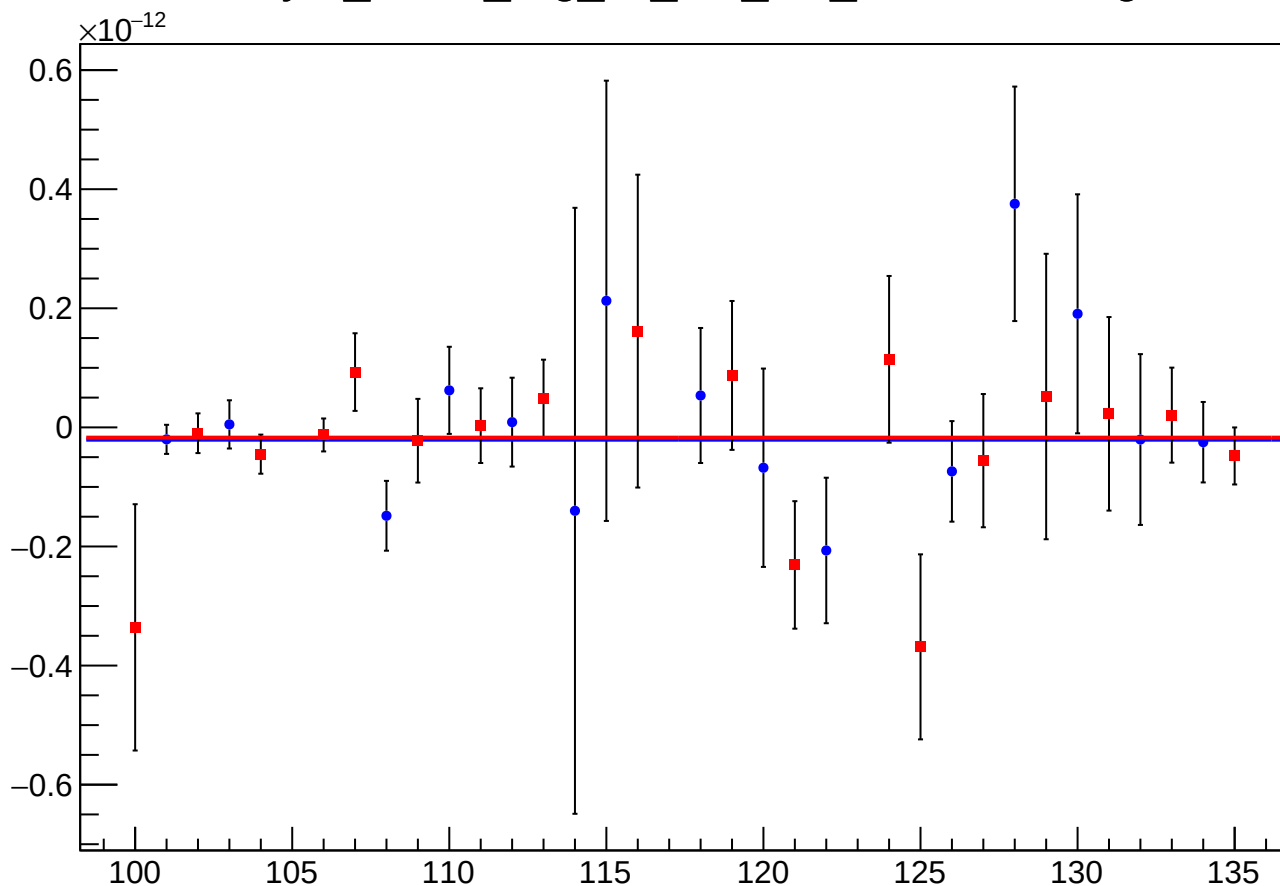
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 557.025 ± 0.122 χ^2/NDF : 6317770.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 19.2/17

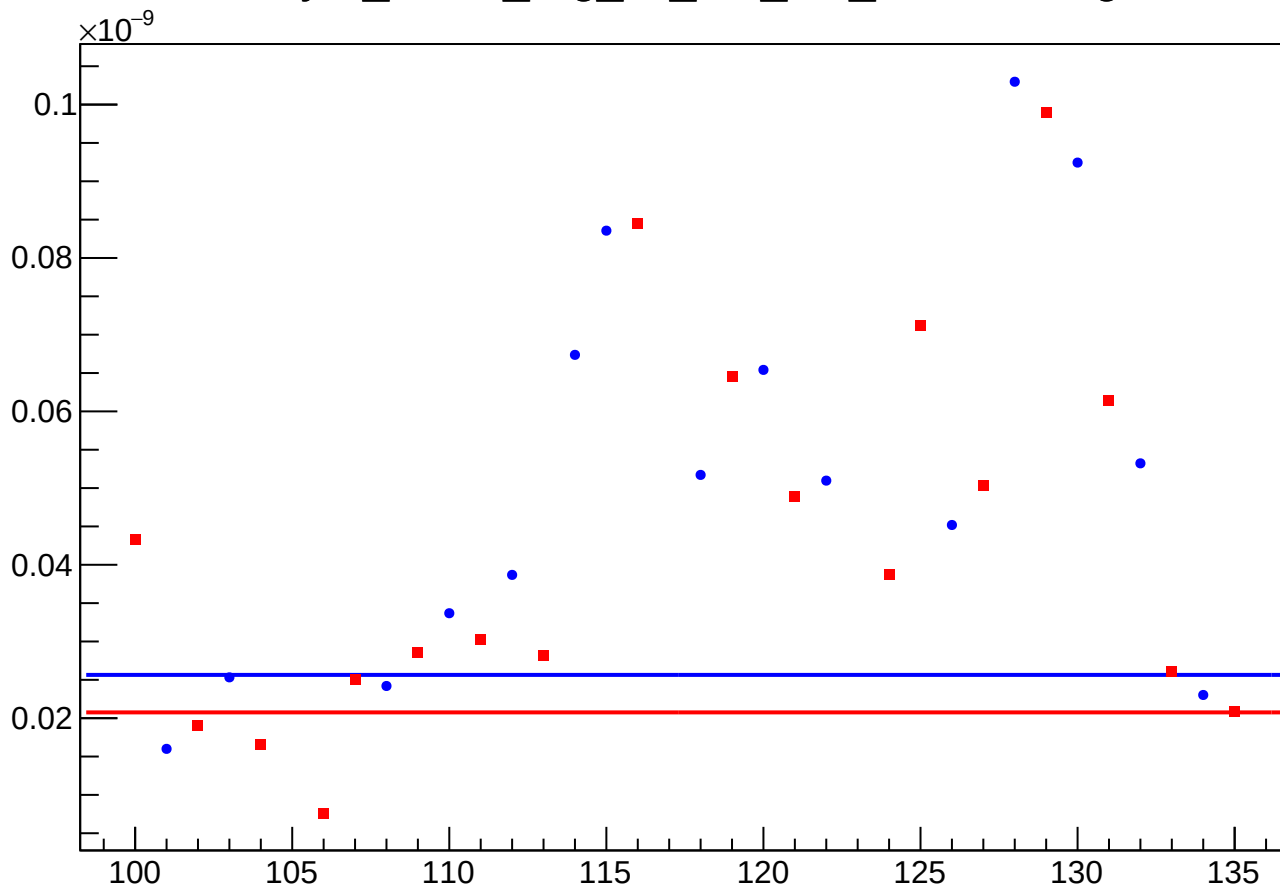
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 34.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 1480150.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2/NDF : 1855530.0/17

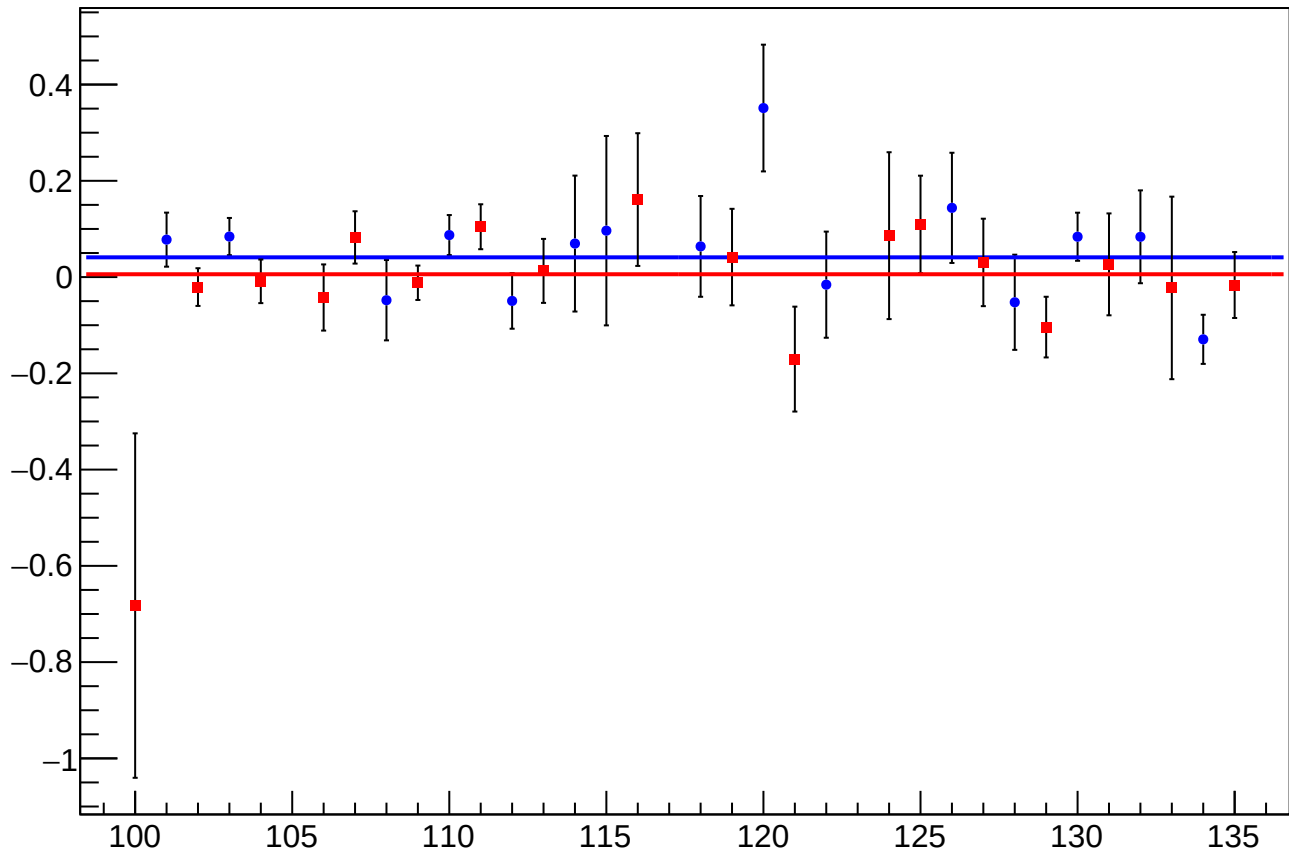
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 3436167.5/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.017 χ^2 /NDF: 26.3/14

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

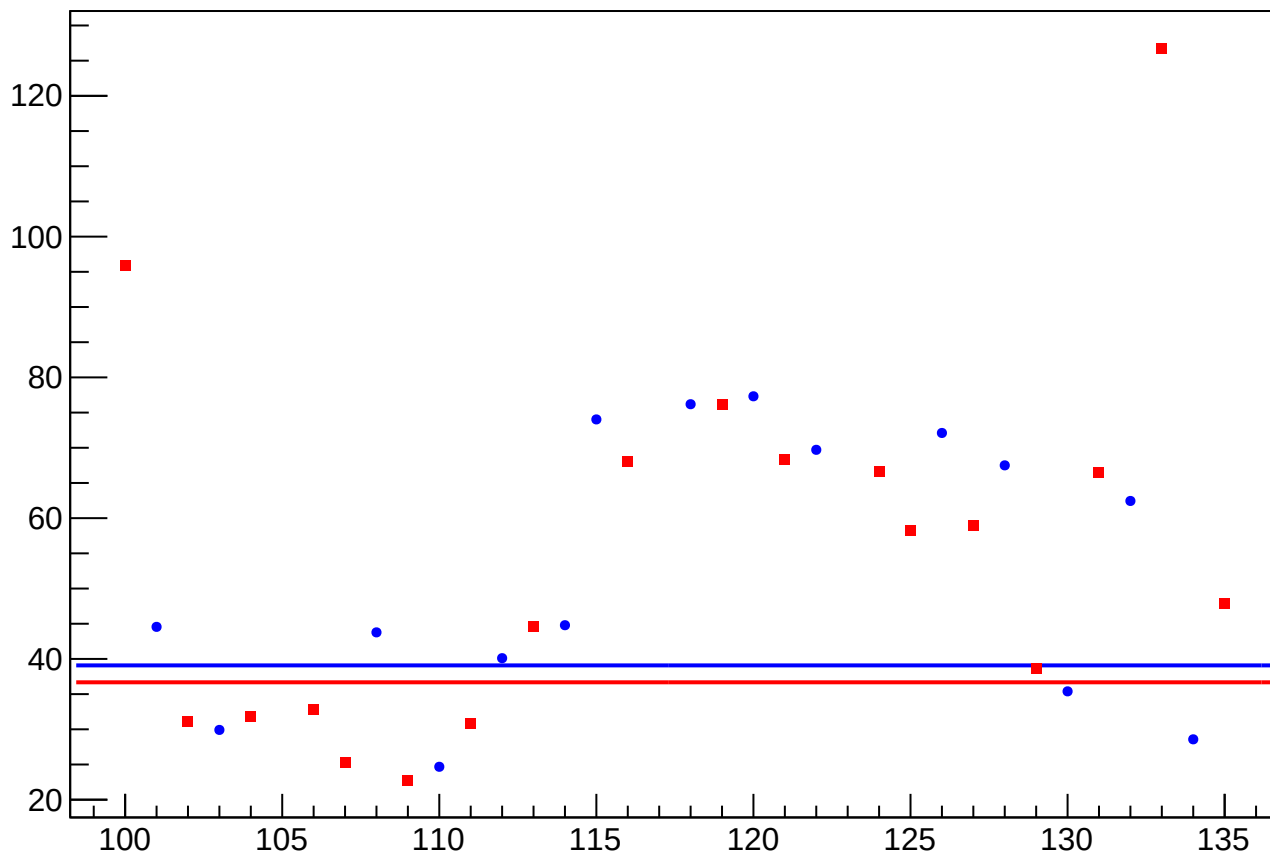
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.011 χ^2 /NDF: 48.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_dit_vs_cor_diff_rms vs Slug



Right In: 39.082+/-0.012 χ^2/NDF : 1563240.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 36.678+/-0.011 χ^2/NDF : 2096640.3/17

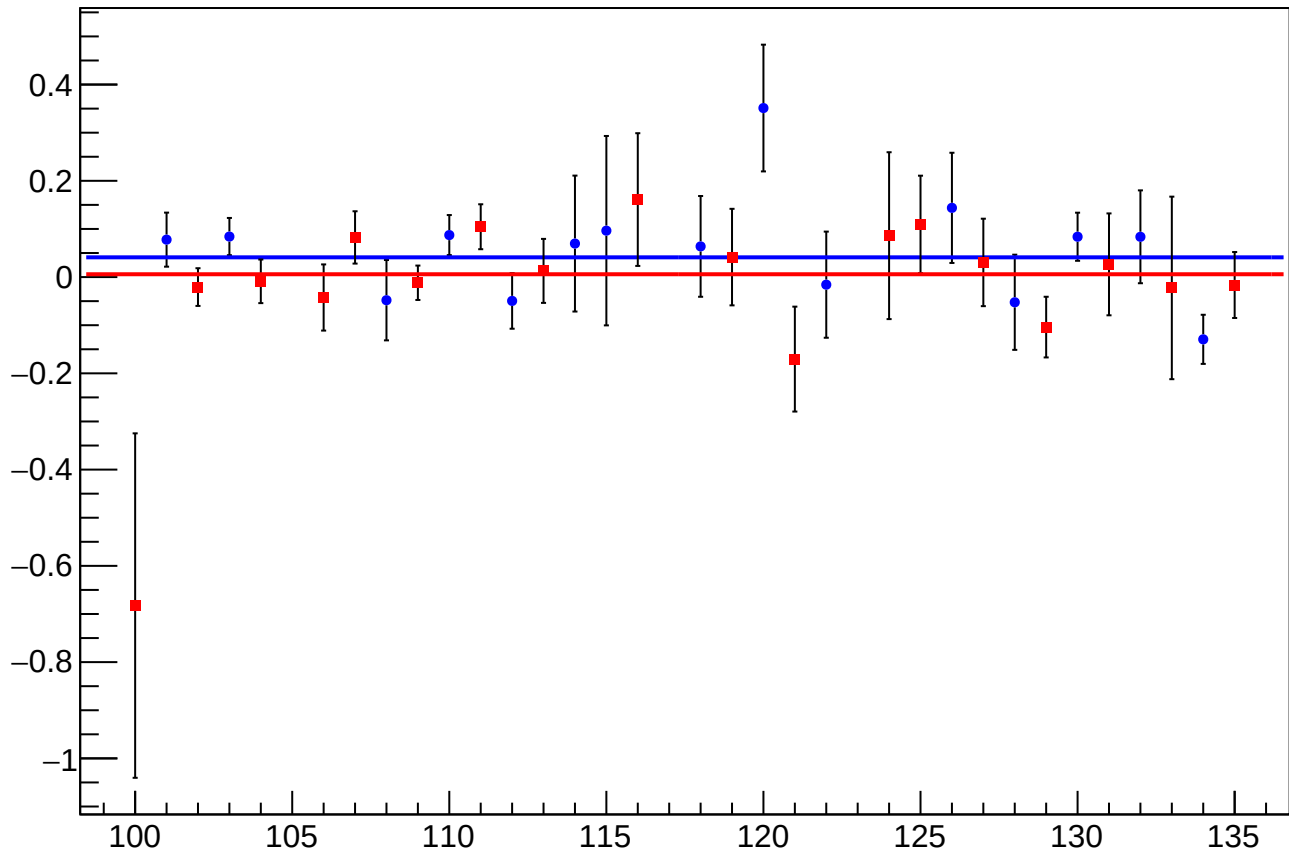
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.746+/-0.008 χ^2/NDF : 3681610.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.041+/-0.017 χ^2/NDF : 26.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.006+/-0.015 χ^2/NDF : 20.0/17

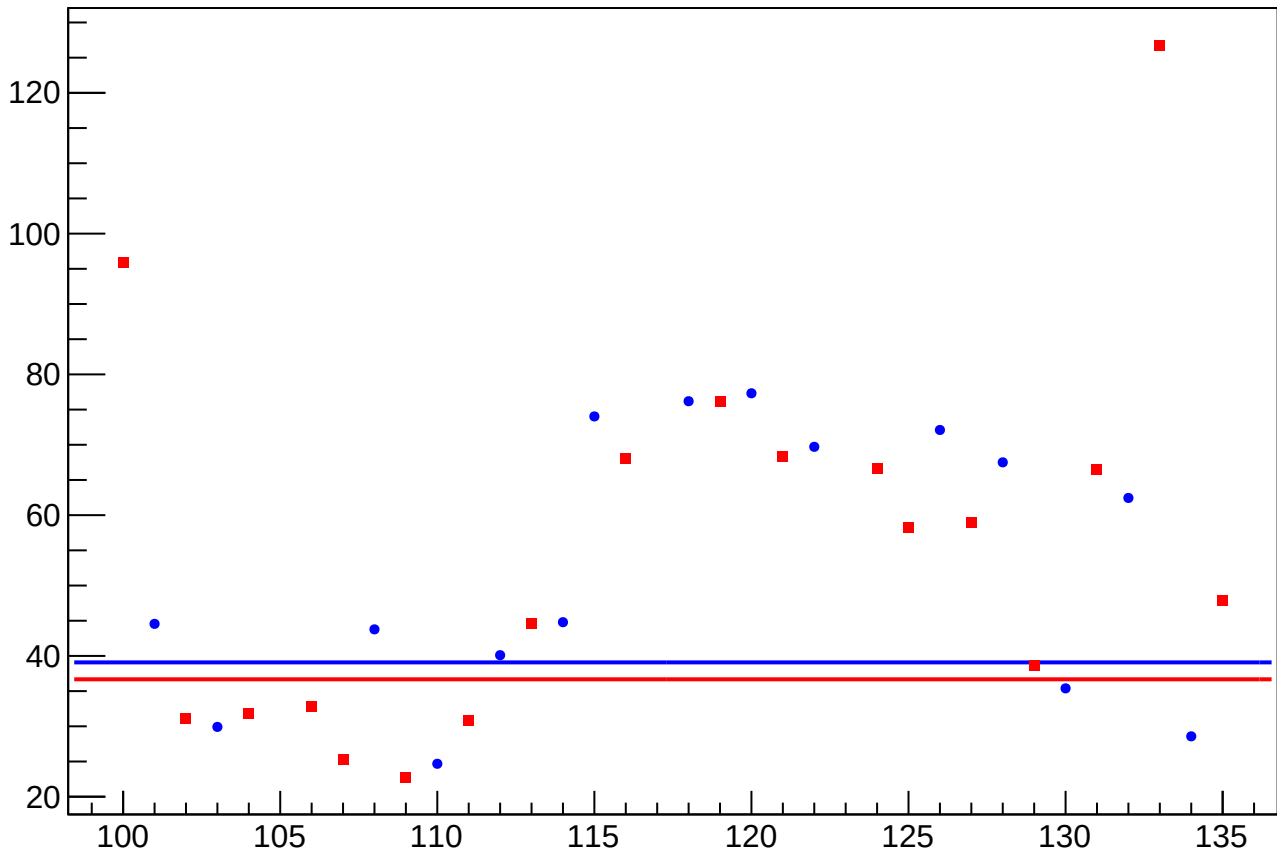
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.021+/-0.011 χ^2/NDF : 48.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.082 $\pm$ 0.012 χ^2 /NDF: 1563240.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.678 $\pm$ 0.011 χ^2 /NDF: 2096640.3/17

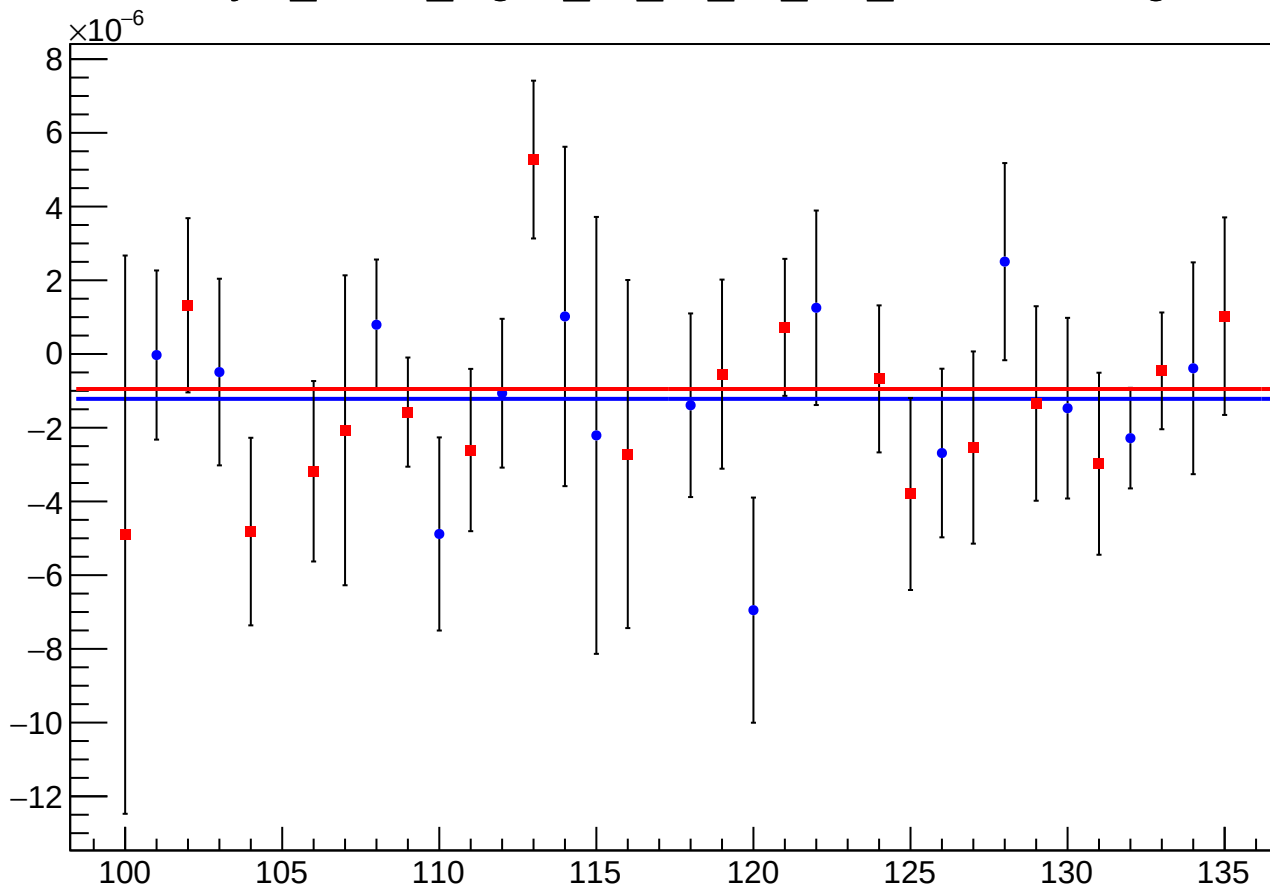
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.746 $\pm$ 0.008 χ^2 /NDF: 3681610.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 17.5/17

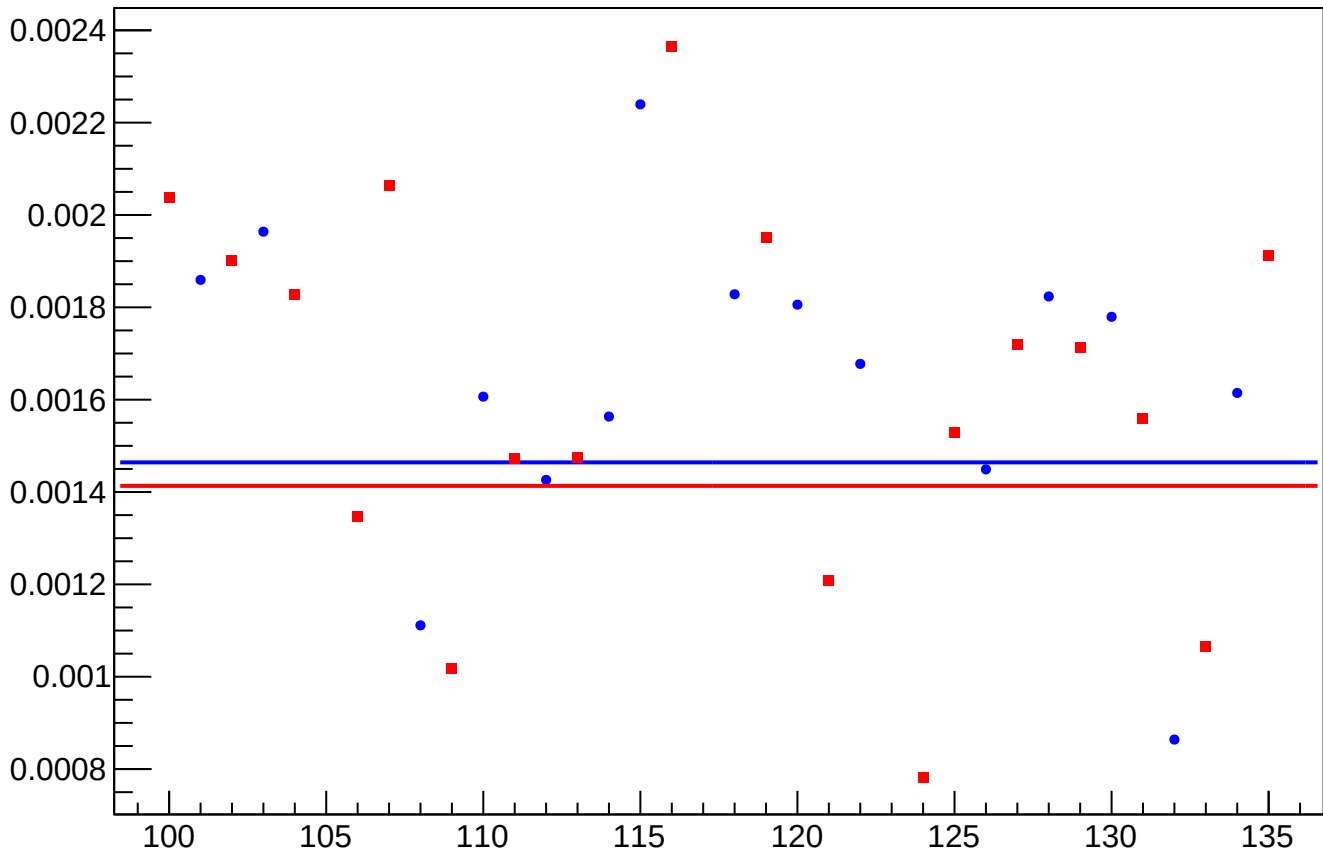
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 801411.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 970836.0/17

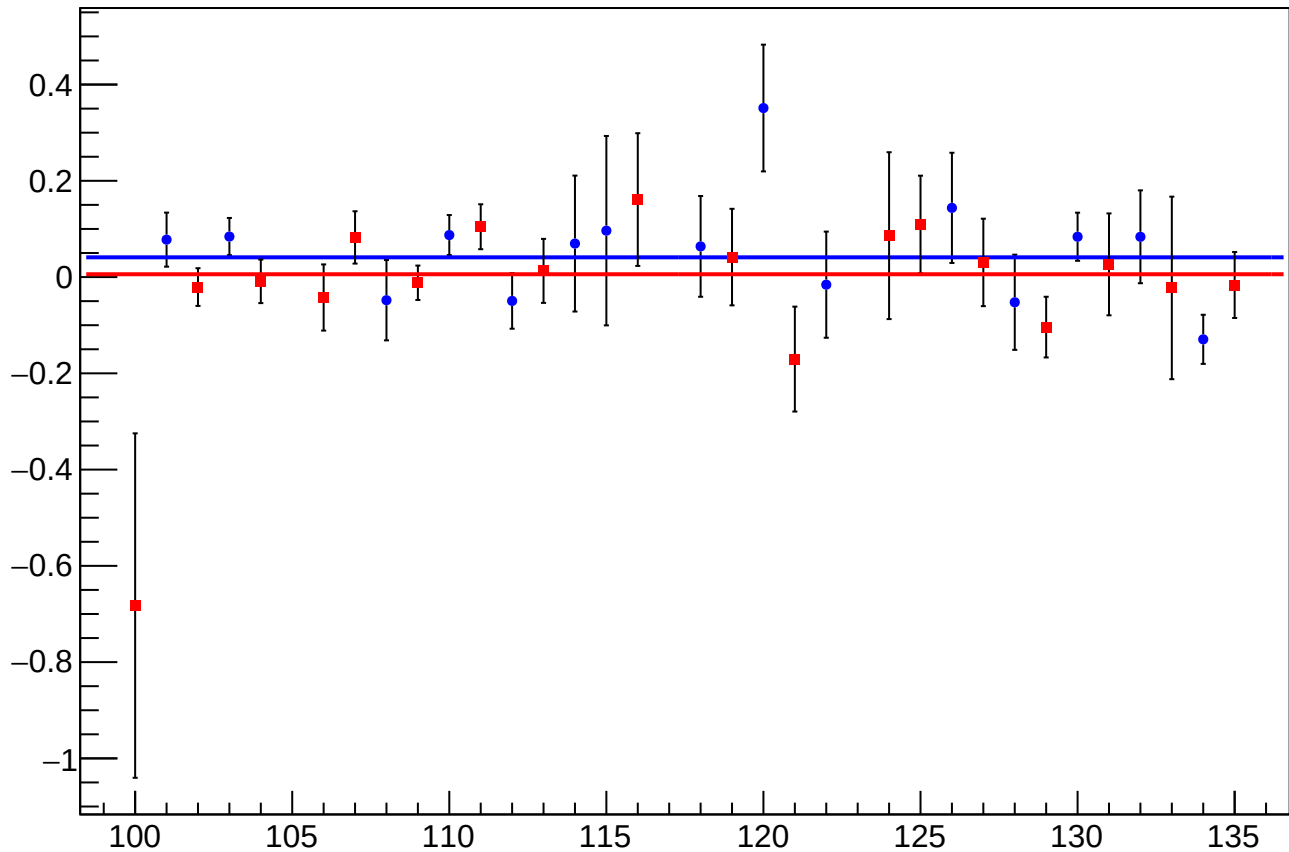
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 1779976.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.017 χ^2 /NDF: 26.3/14

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

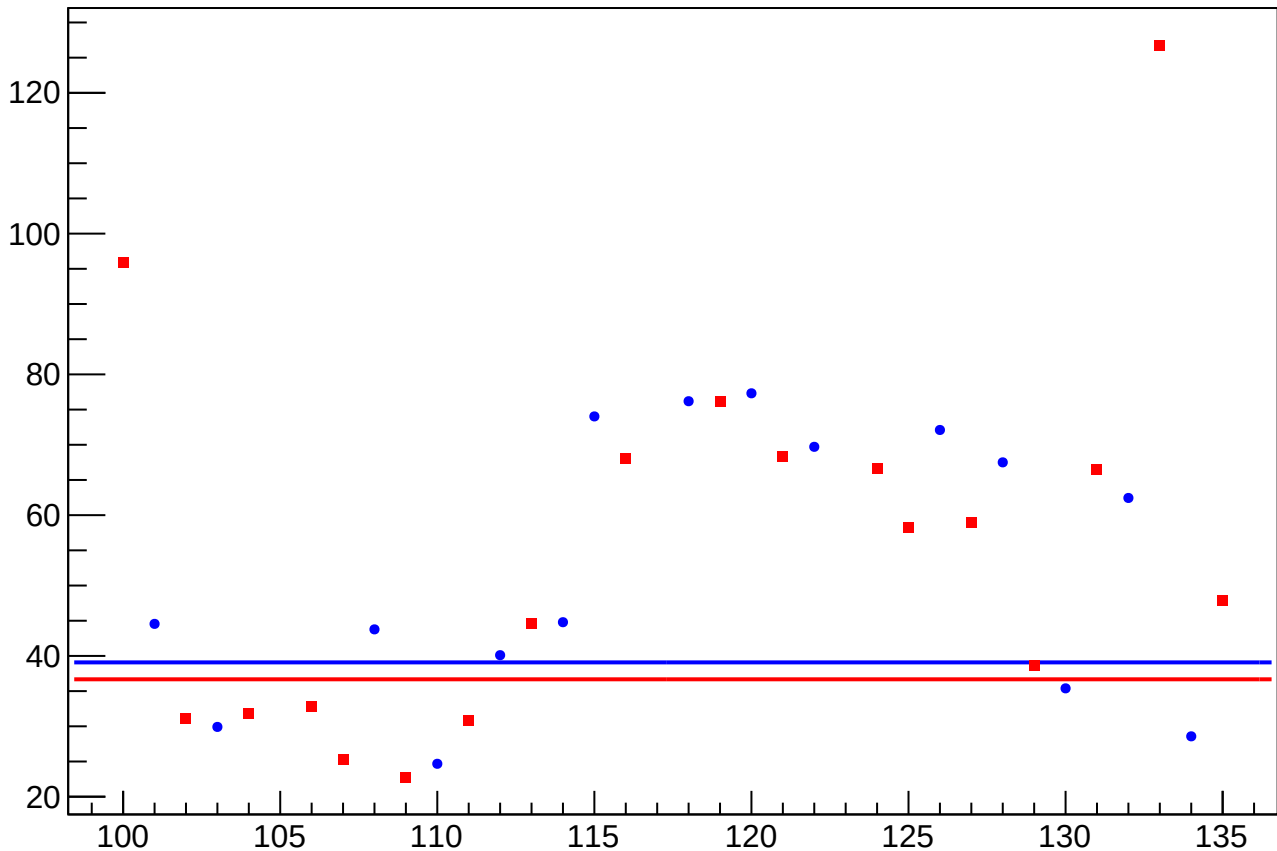
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.011 χ^2 /NDF: 48.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.081 $\pm$ 0.012 χ^2 /NDF: 1563259.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 36.678 $\pm$ 0.011 χ^2 /NDF: 2096632.6/17

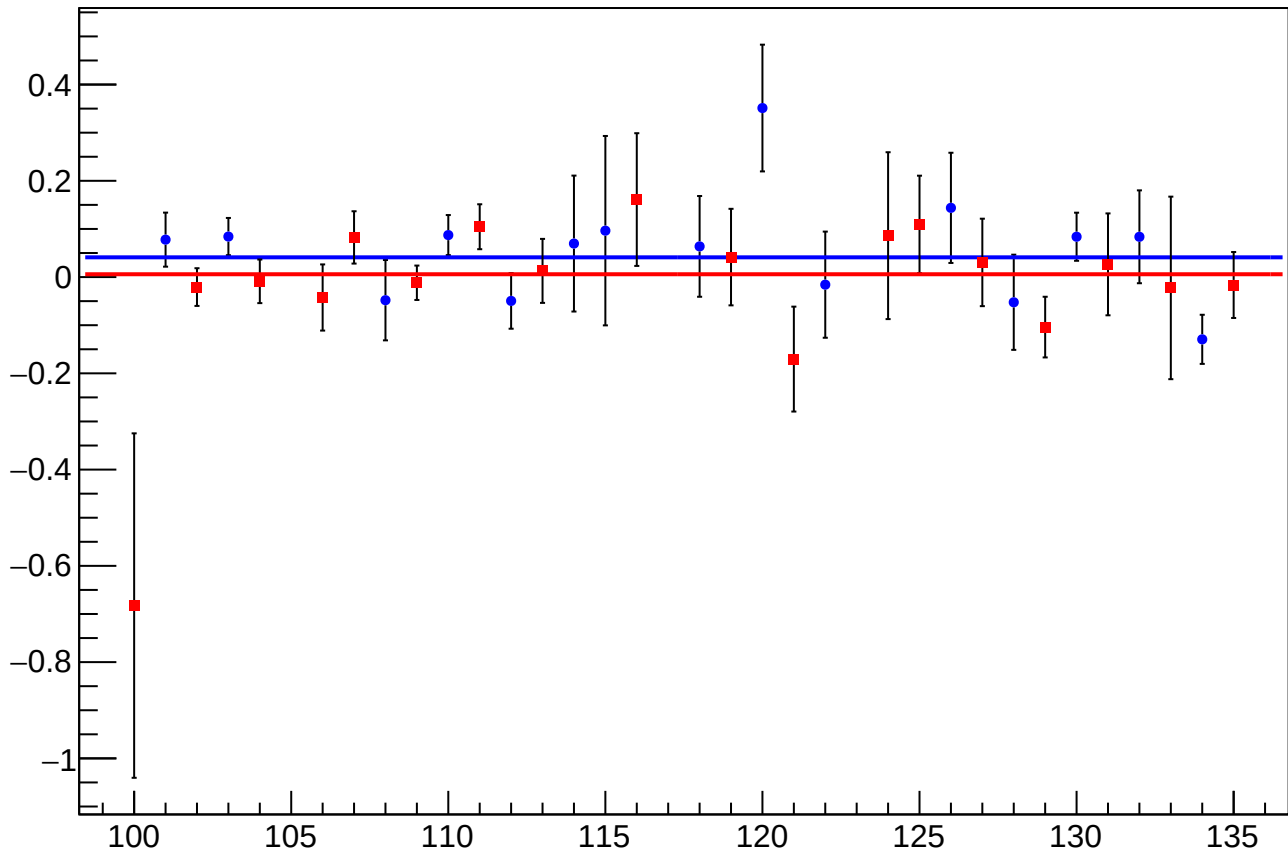
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.745 $\pm$ 0.008 χ^2 /NDF: 3681617.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.041 $\pm$ 0.017 χ^2 /NDF: 26.3/14

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

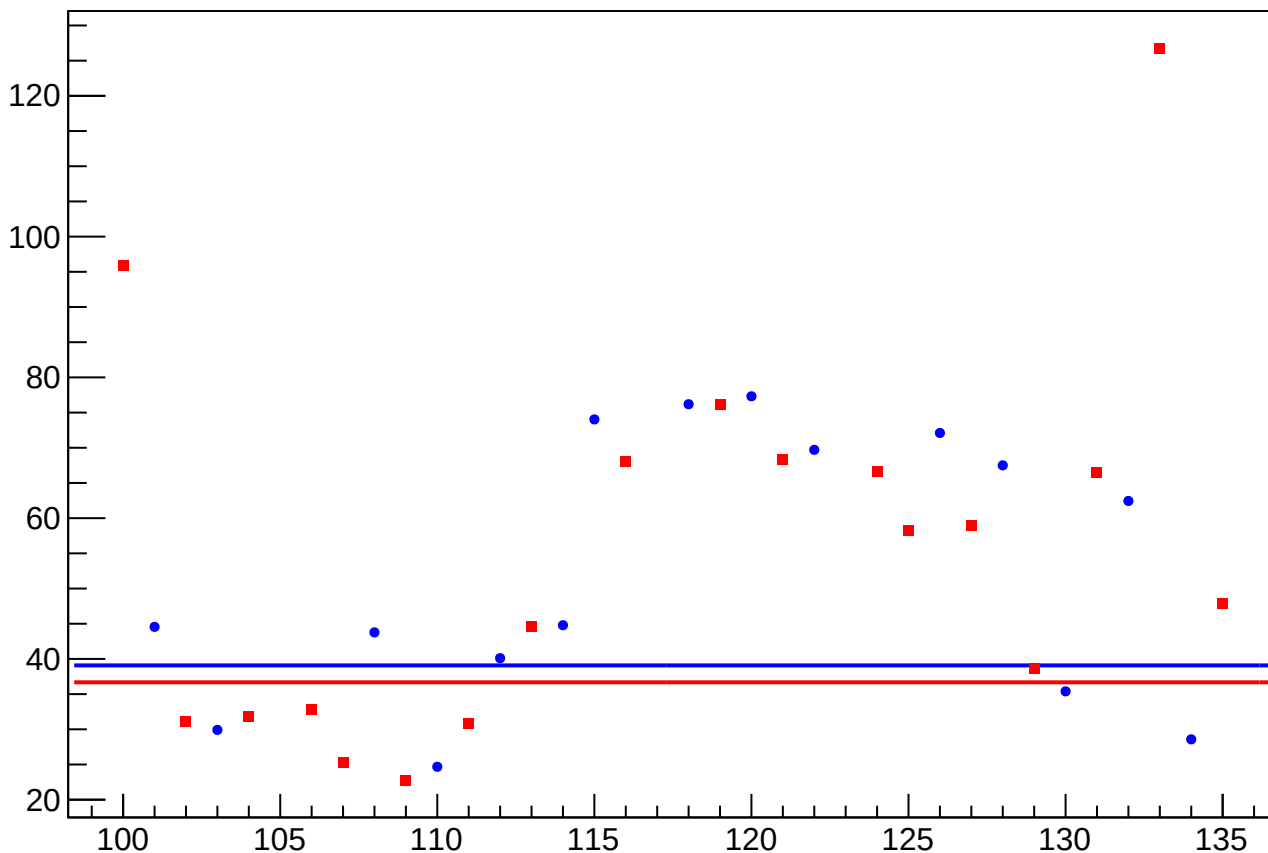
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.021 $\pm$ 0.011 χ^2 /NDF: 48.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.081 $\pm$ 0.012 χ^2 /NDF: 1563259.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 36.678 $\pm$ 0.011 χ^2 /NDF: 2096632.6/17

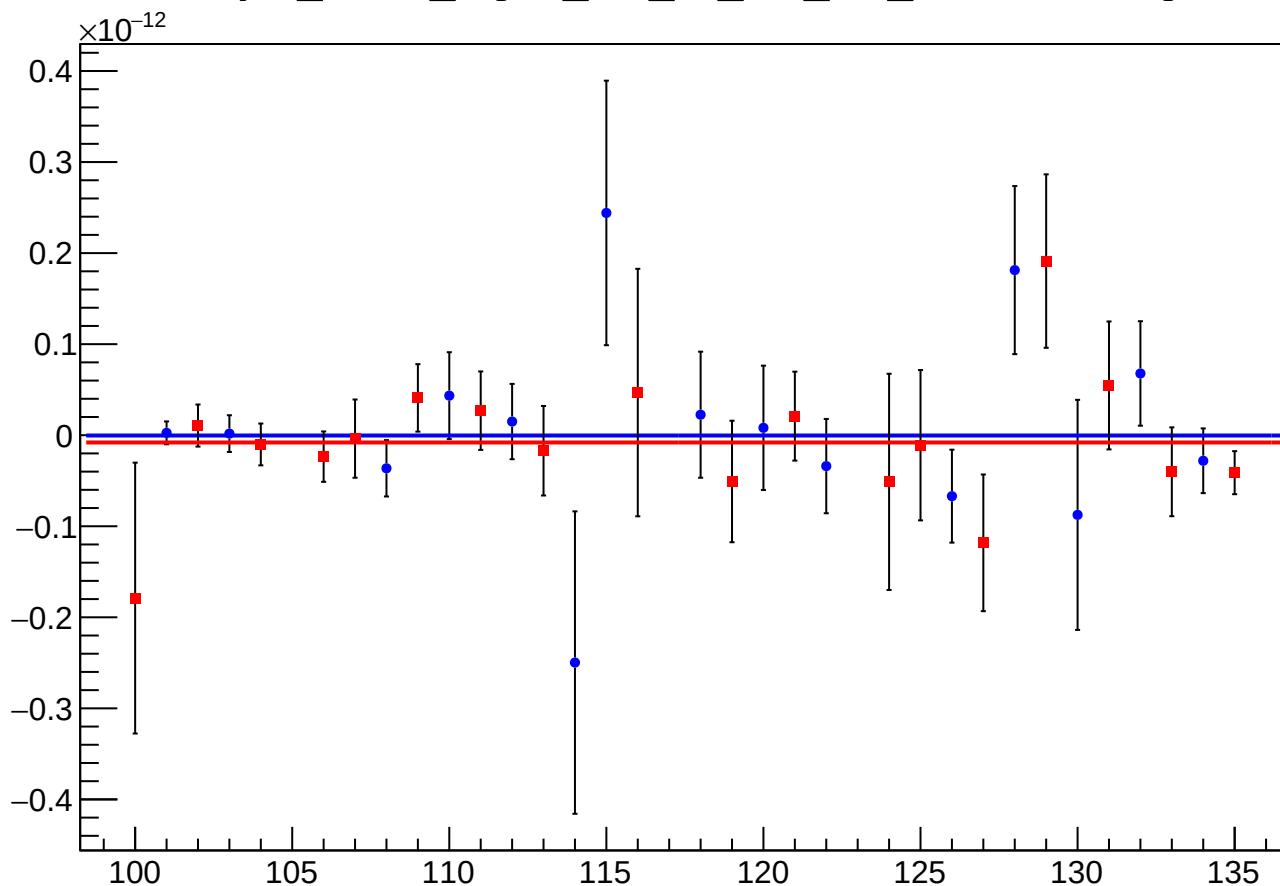
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.745 $\pm$ 0.008 χ^2 /NDF: 3681617.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/17

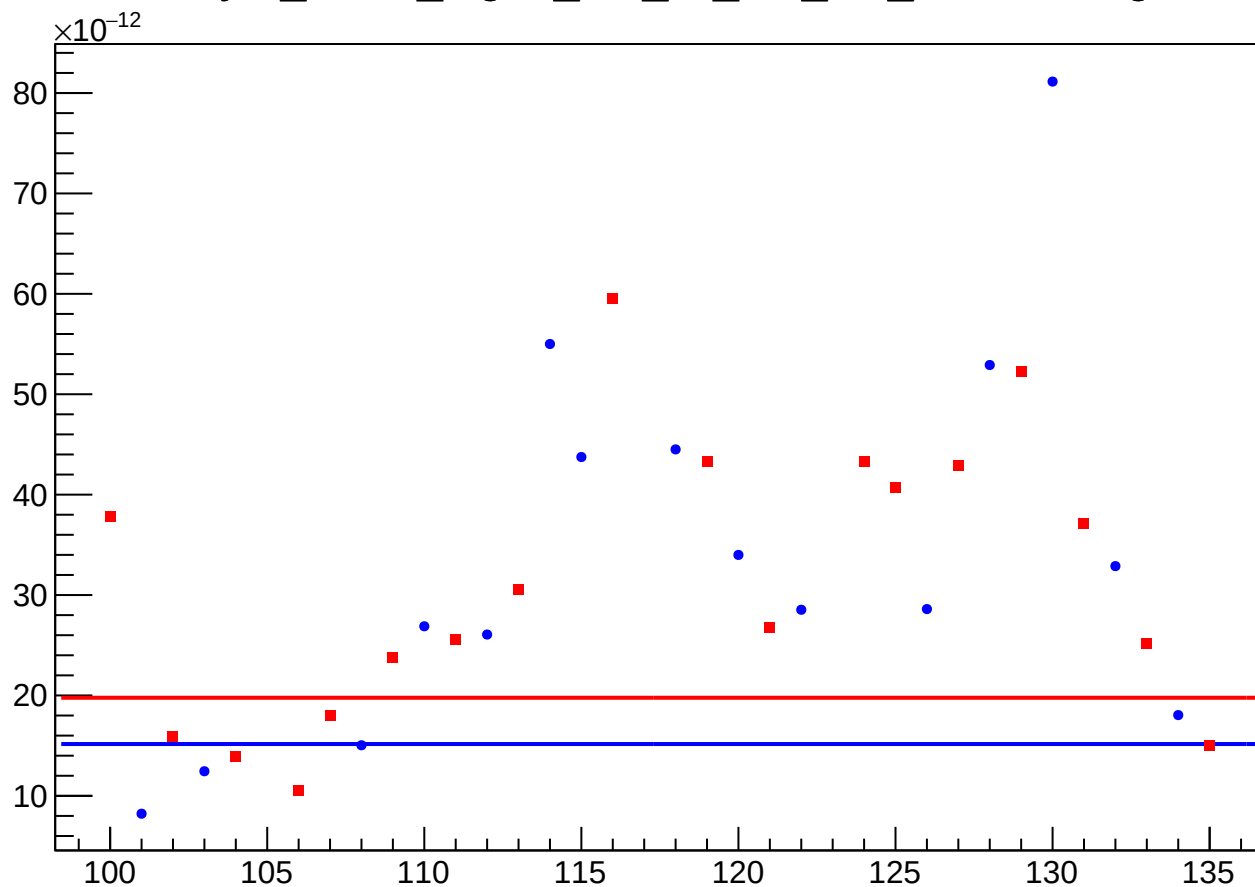
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 32.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam6_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2968116.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1920547.2/17

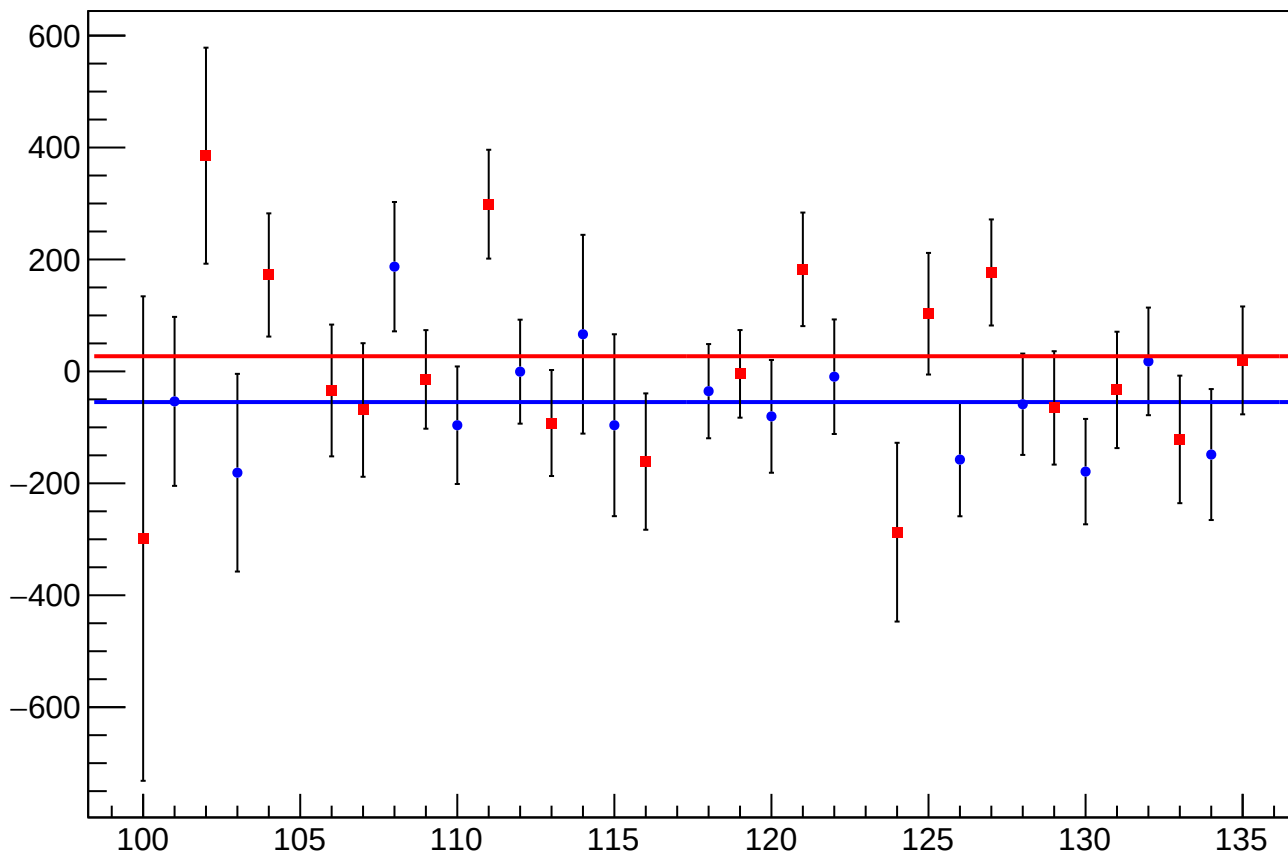
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5144959.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_mean vs Slug



Right In: -54.802 ± 27.998 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 27.103 ± 25.476 χ^2/NDF : 30.9/17

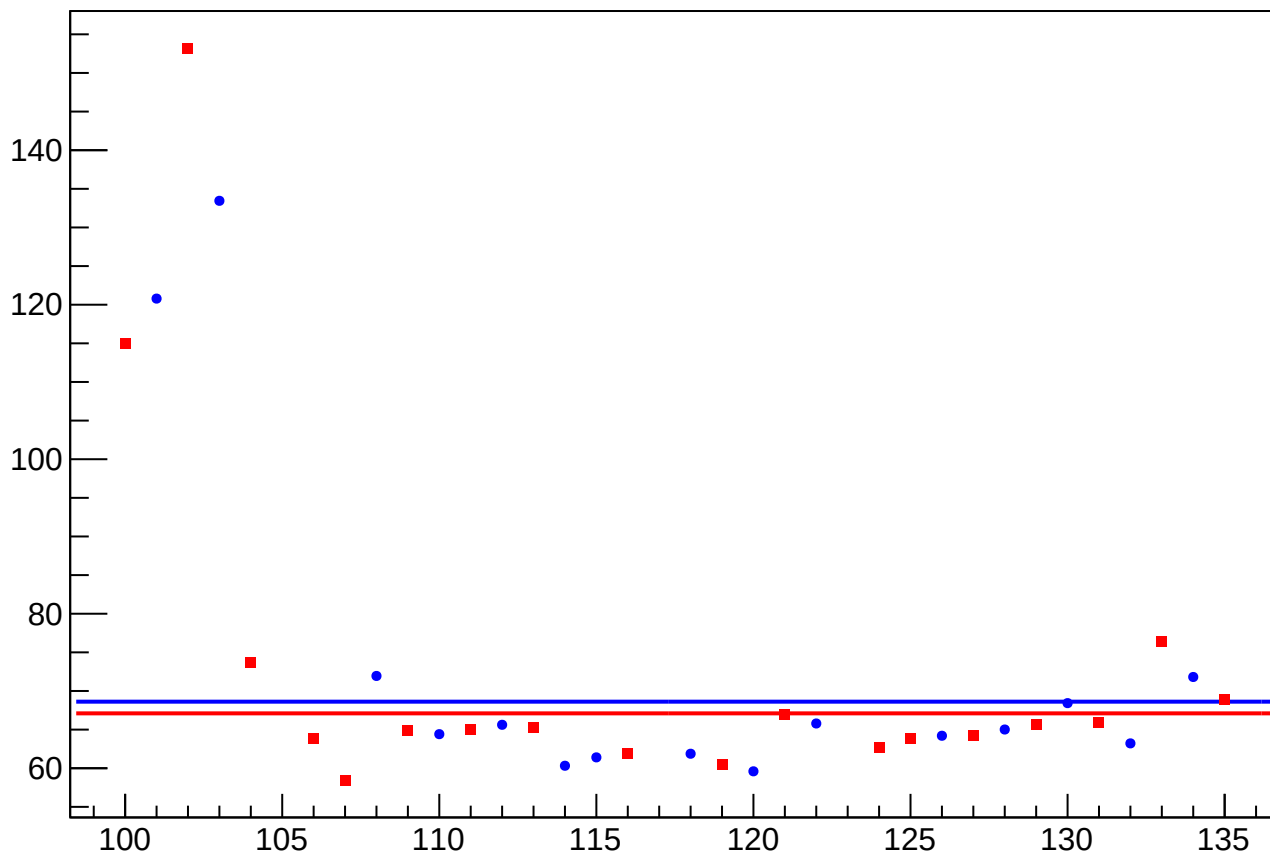
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.994 ± 18.843 χ^2/NDF : 45.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_rms vs Slug



Right In: 68.617 $\pm$ 0.020 χ^2 /NDF: 568687.1/14

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

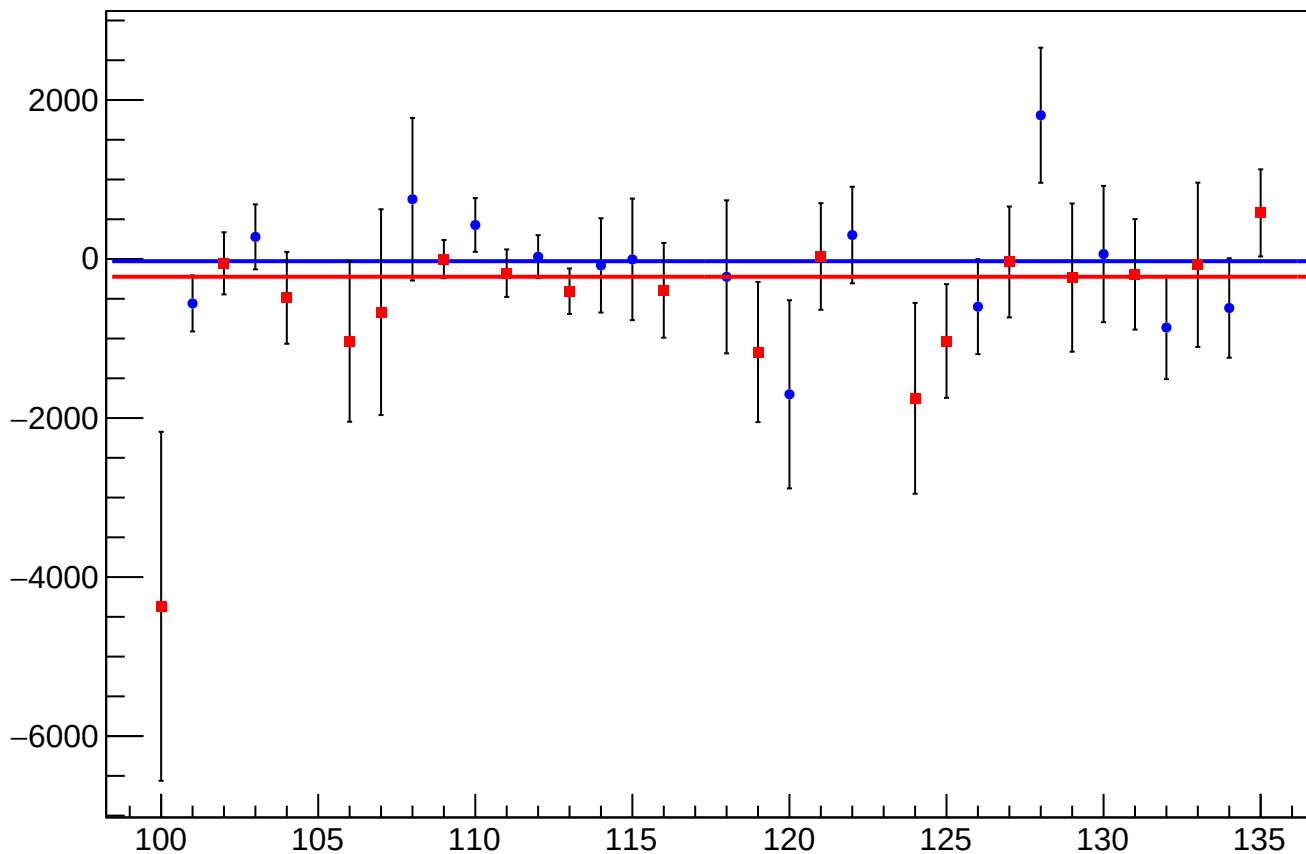
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.789 $\pm$ 0.013 χ^2 /NDF: 1053664.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_reg_correction_mean vs Slug



Right In: -27.082 ± 132.448 χ^2/NDF : 15.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -222.802 ± 118.964 χ^2/NDF : 12.5/17

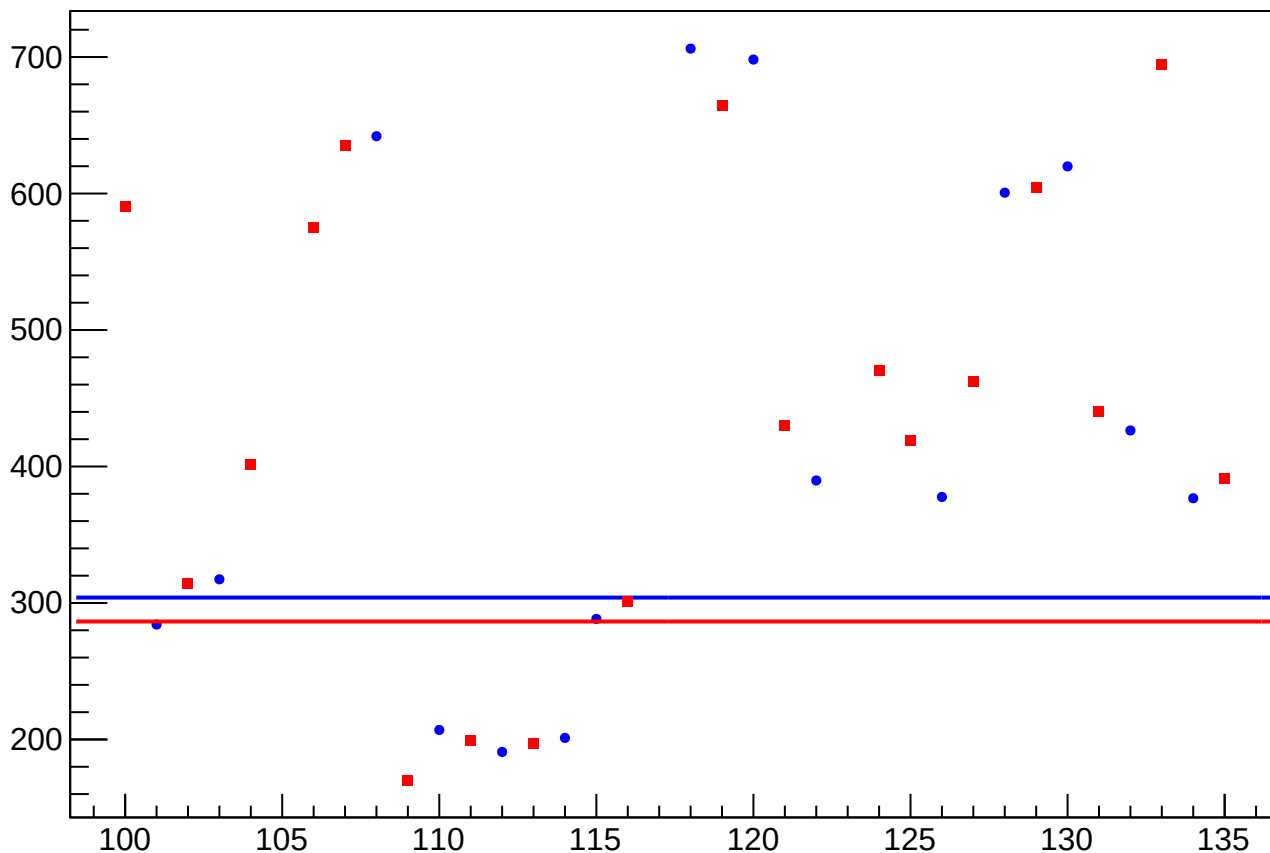
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -135.408 ± 88.505 χ^2/NDF : 29.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_correction_rms vs Slug



Right In: 303.953+/-0.094 χ^2/NDF : 2058445.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 286.425+/-0.084 χ^2/NDF : 2692729.2/17

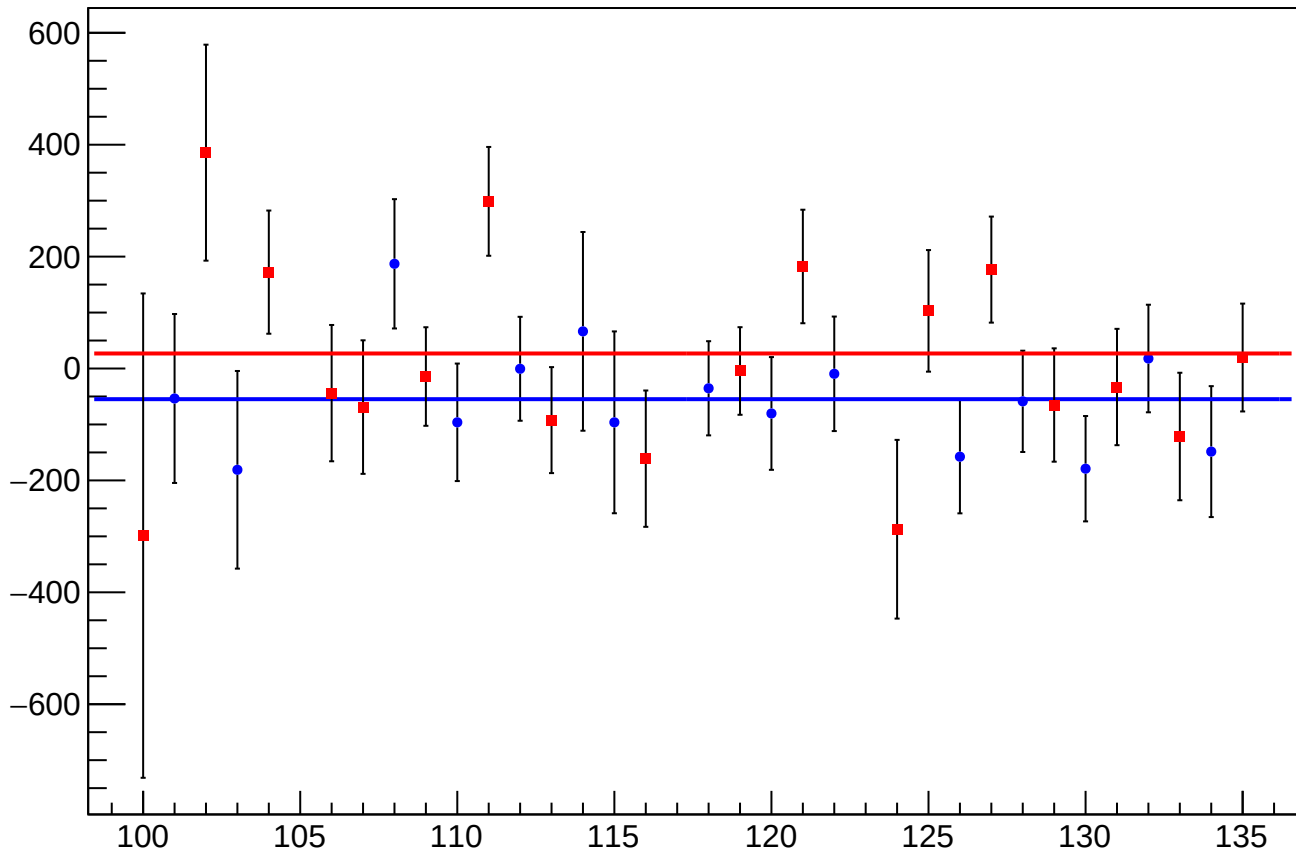
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 294.252+/-0.063 χ^2/NDF : 4770562.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_mean vs Slug



Right In: -54.802 ± 27.998 χ^2/NDF : 10.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 26.857 ± 25.515 χ^2/NDF : 31.0/17

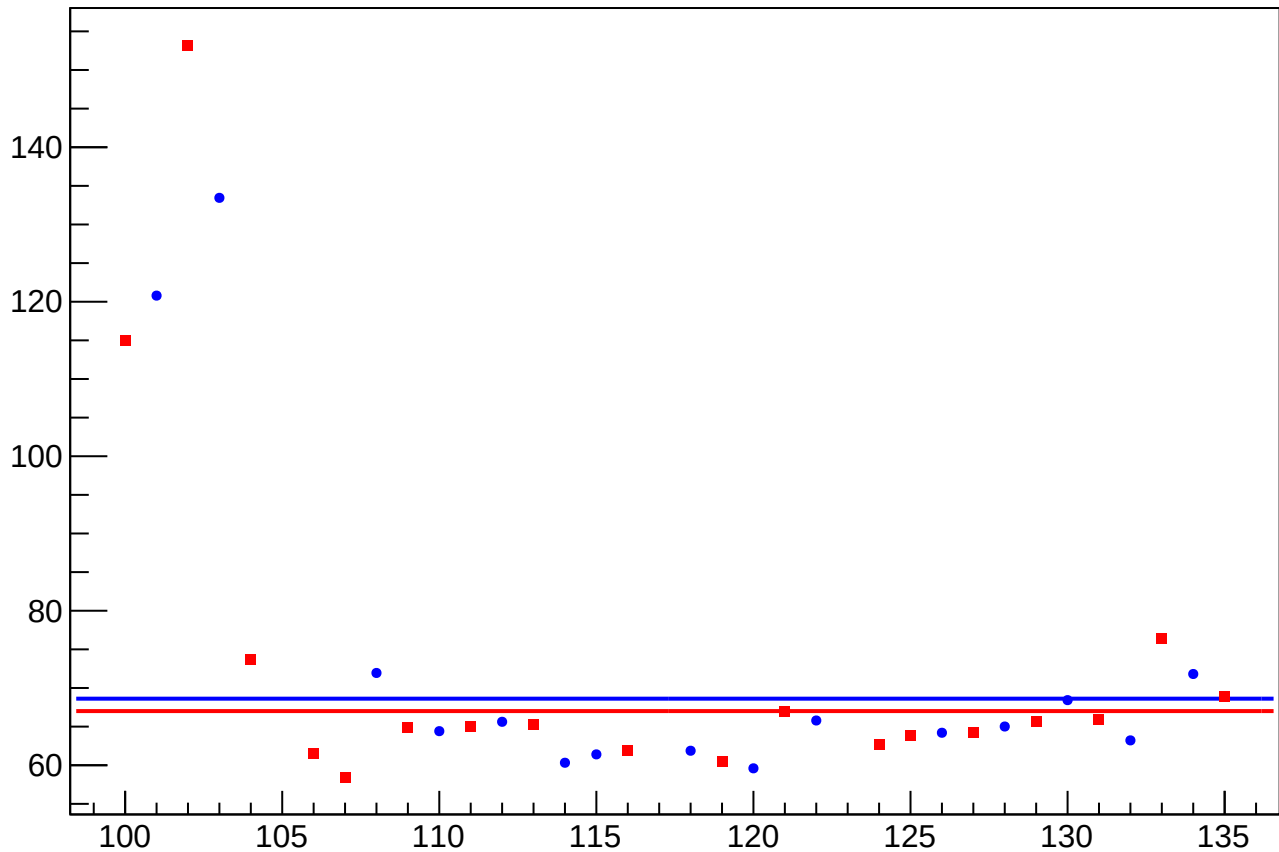
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -10.192 ± 18.859 χ^2/NDF : 45.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam7_rms vs Slug



Right In: 68.617 $\pm$ 0.020 χ^2 /NDF: 568687.5/14

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

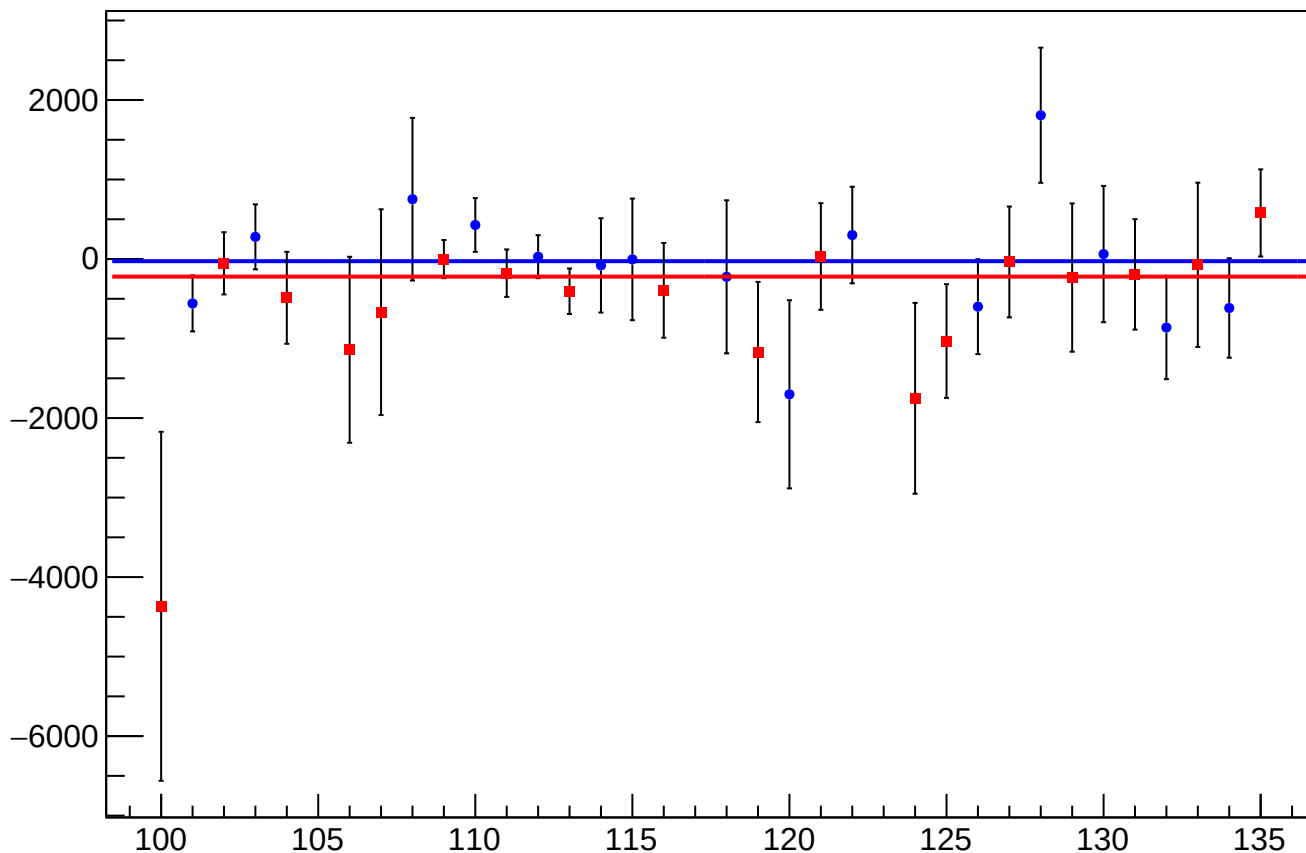
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.739 $\pm$ 0.013 χ^2 /NDF: 1056750.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_cor_correction_mean vs Slug



Right In: -27.076 ± 132.449 χ^2/NDF : 15.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -221.063 ± 119.177 χ^2/NDF : 12.5/17

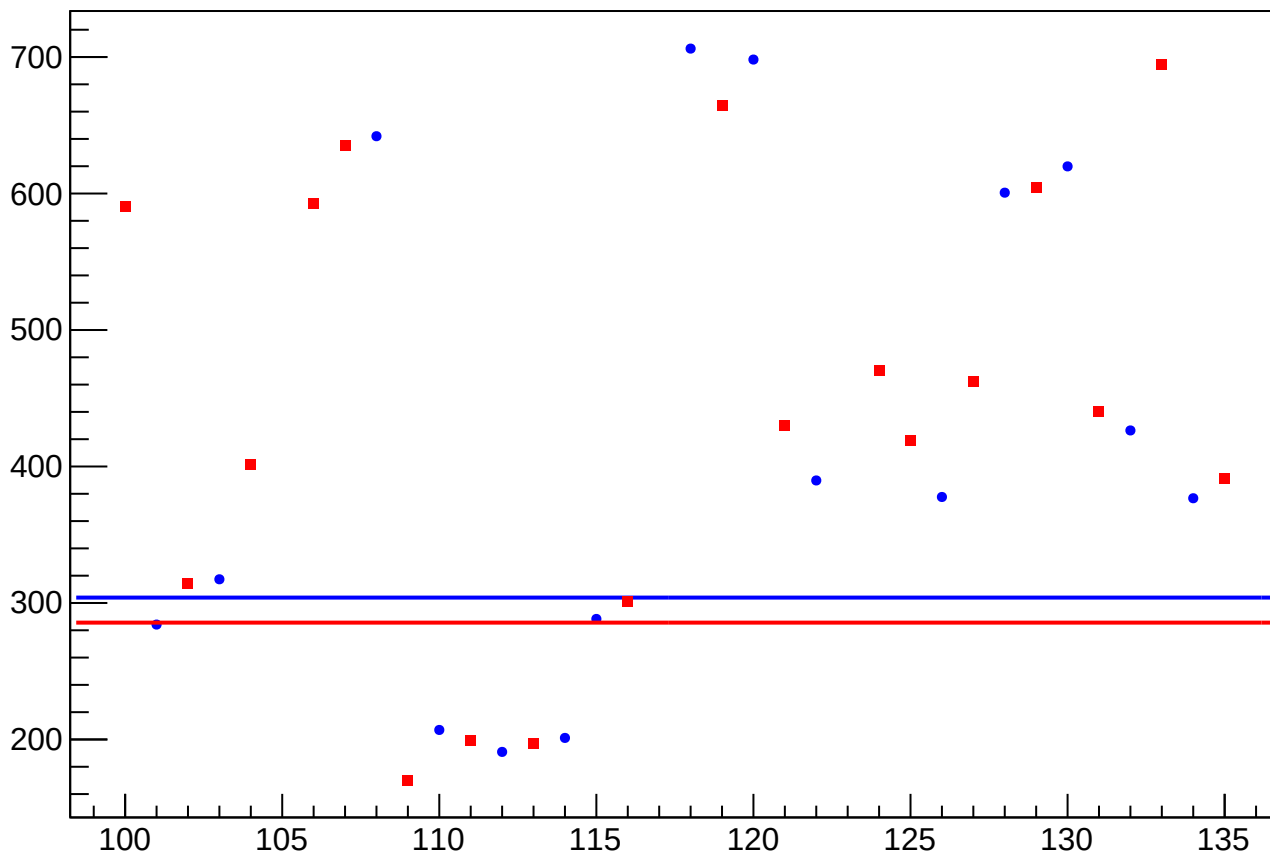
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -134.272 ± 88.593 χ^2/NDF : 29.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_cor_correction_rms vs Slug



Right In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.611+/-0.084 χ^2/NDF : 2667196.5/17

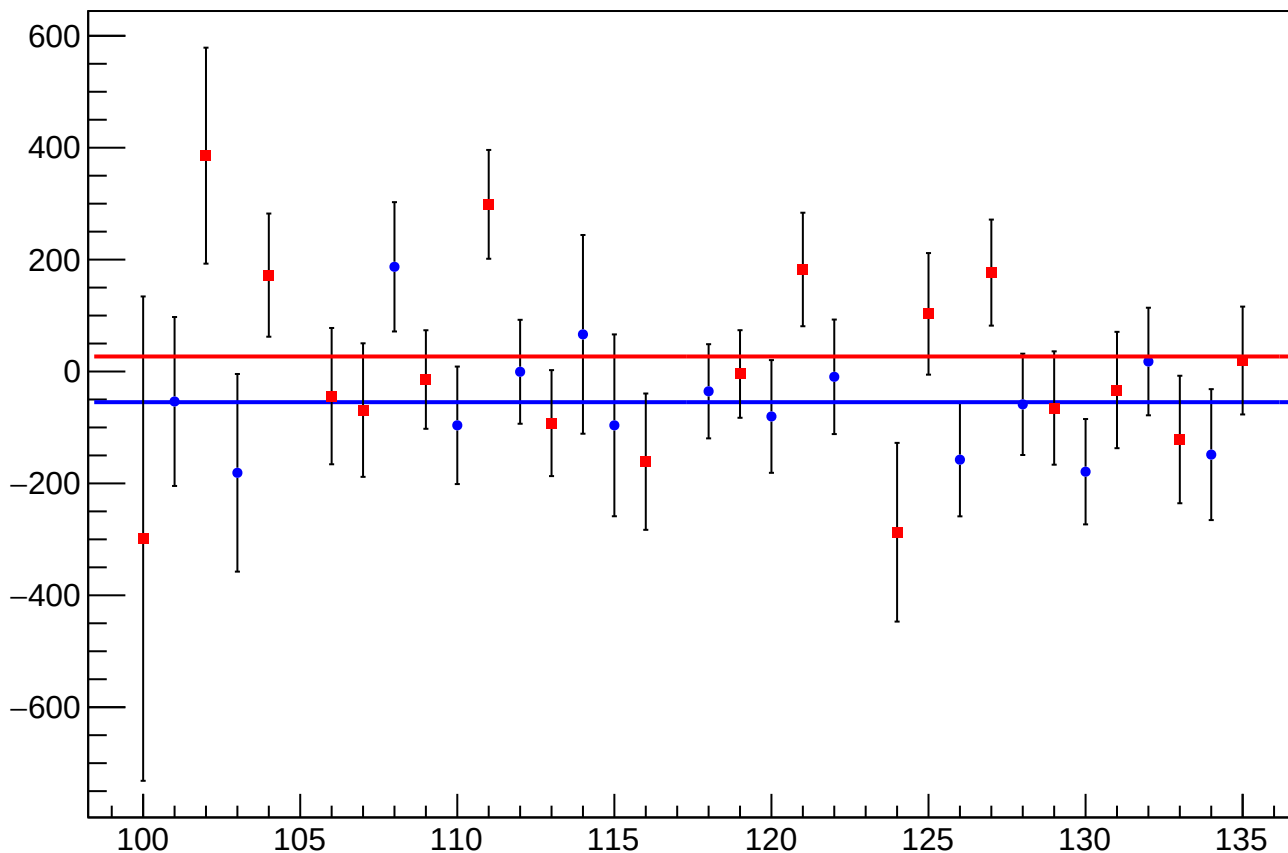
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.818+/-0.063 χ^2/NDF : 4746849.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam7_mean vs Slug



Right In: -54.802 $\pm$ 27.998 χ^2 /NDF: 10.2/14

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

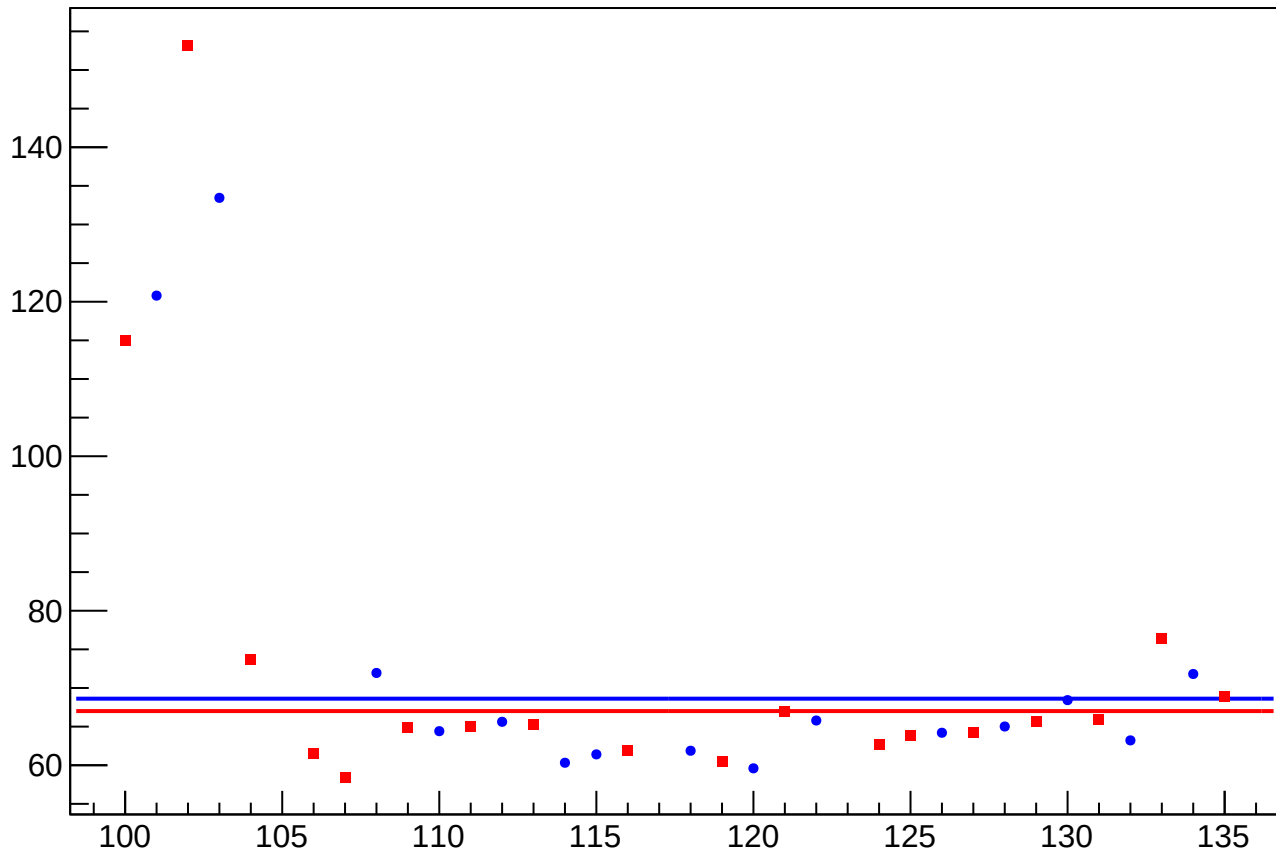
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -10.192 $\pm$ 18.859 χ^2 /NDF: 45.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam7_rms vs Slug



Right In: 68.617 $\pm$ 0.020 χ^2 /NDF: 568687.5/14

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

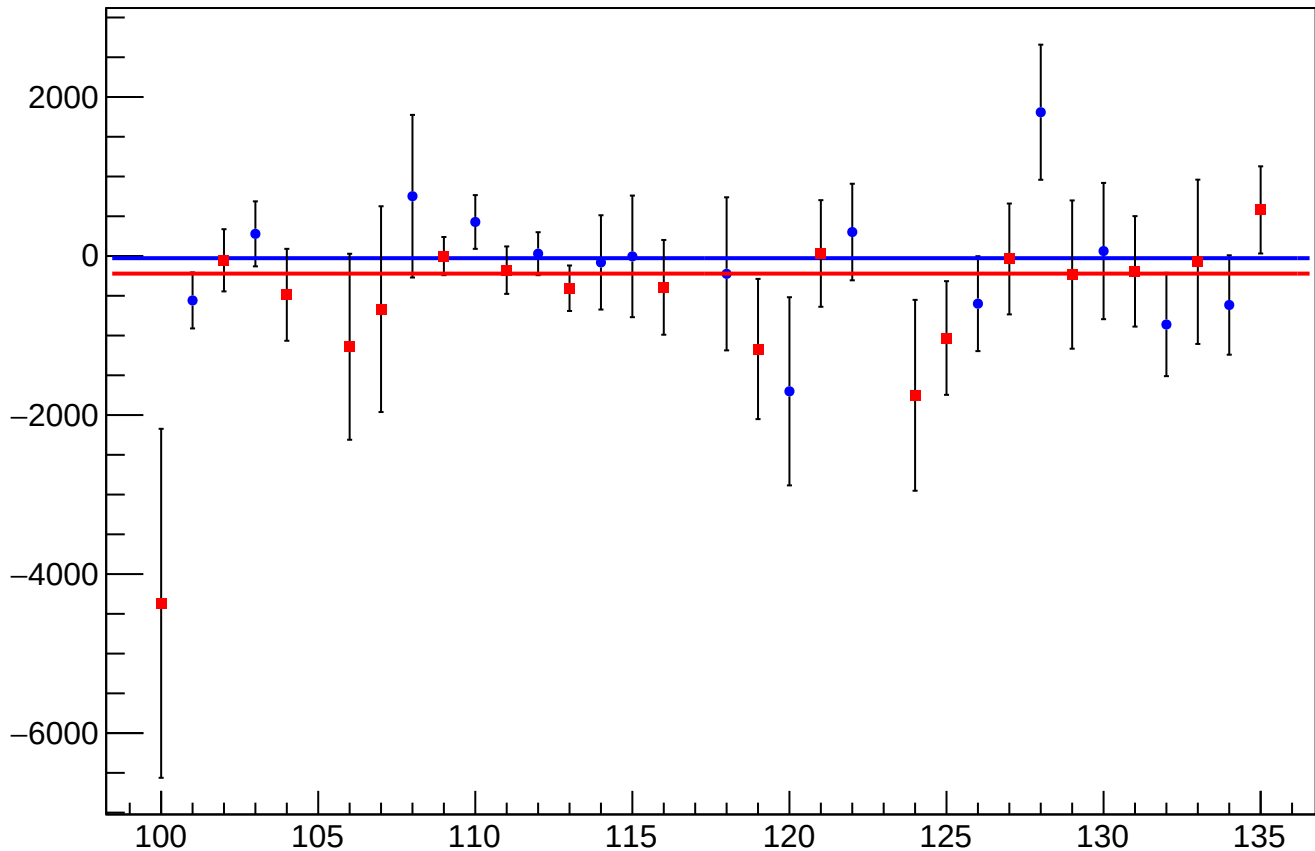
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 67.739 $\pm$ 0.013 χ^2 /NDF: 1056750.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_cor_correction_mean vs Slug



Right In: -27.076+/-132.449 χ^2/NDF : 15.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -221.063+/-119.177 χ^2/NDF : 12.5/17

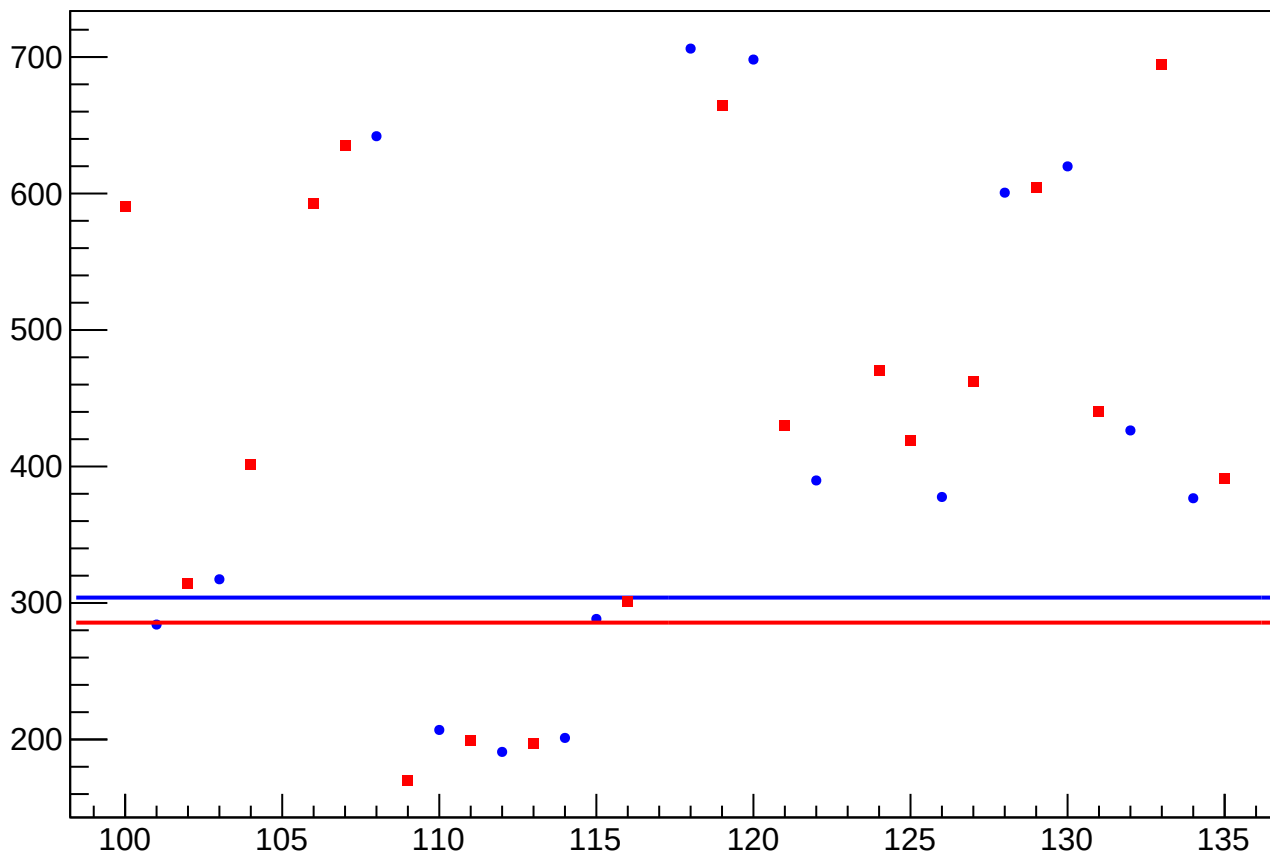
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -134.272+/-88.593 χ^2/NDF : 29.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_correction_rms vs Slug



Right In: 303.956+/-0.094 χ^2/NDF : 2058450.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 285.611+/-0.084 χ^2/NDF : 2667196.5/17

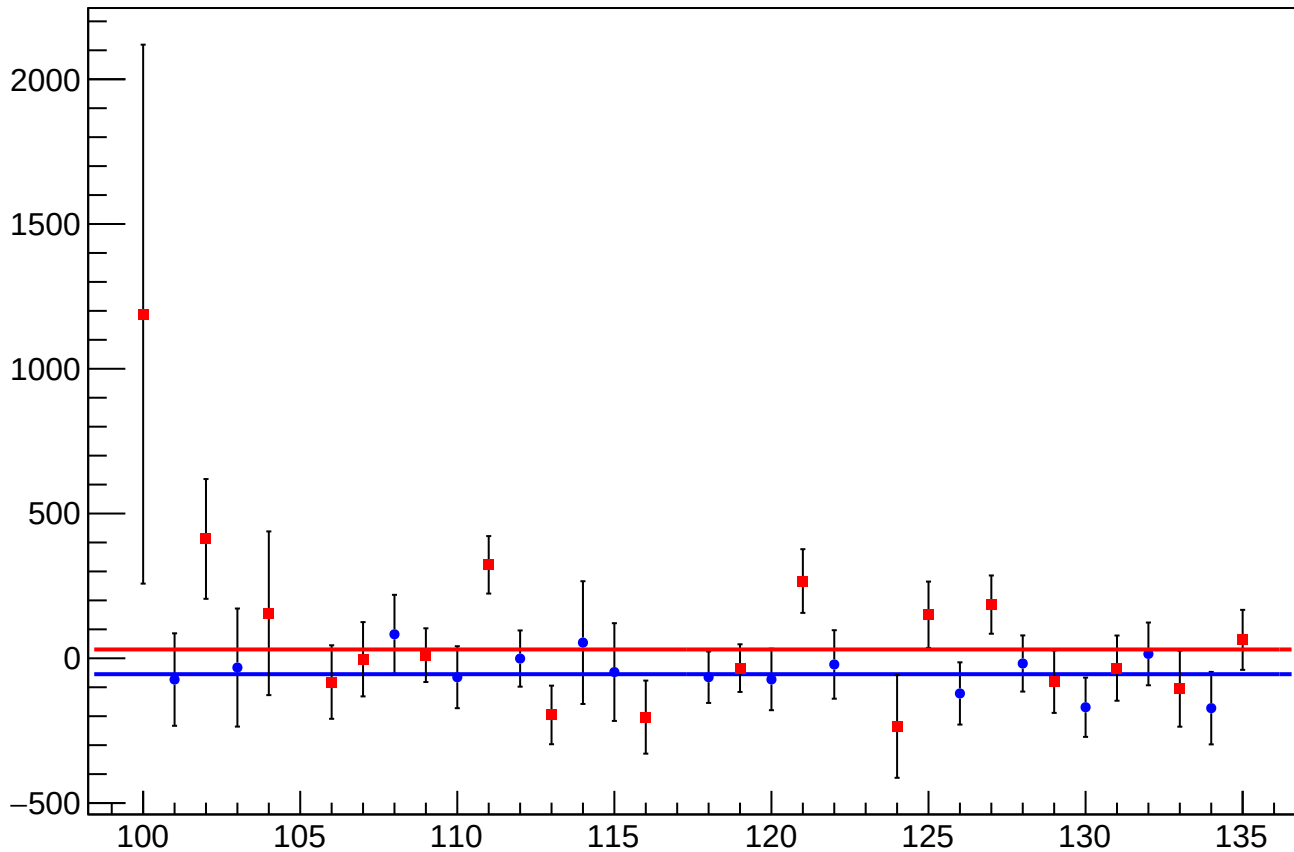
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 293.818+/-0.063 χ^2/NDF : 4746849.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_mean vs Slug



Right In: -54.886 ± 30.268 χ^2/NDF : 4.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.521 ± 27.836 χ^2/NDF : 36.6/17

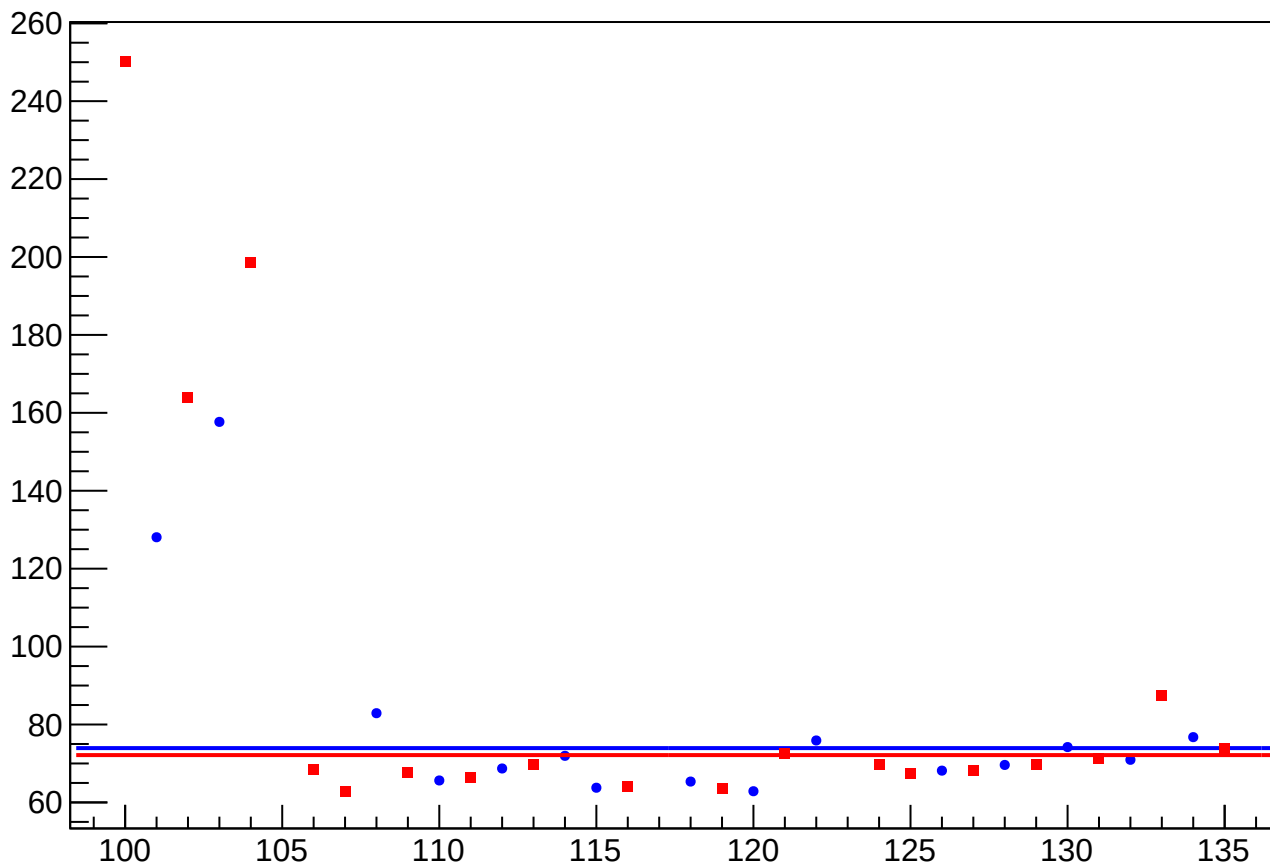
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.614 ± 20.489 χ^2/NDF : 45.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam7_rms vs Slug



Right In: 73.944+/-0.021 χ^2/NDF : 654013.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.149+/-0.020 χ^2/NDF : 958030.9/17

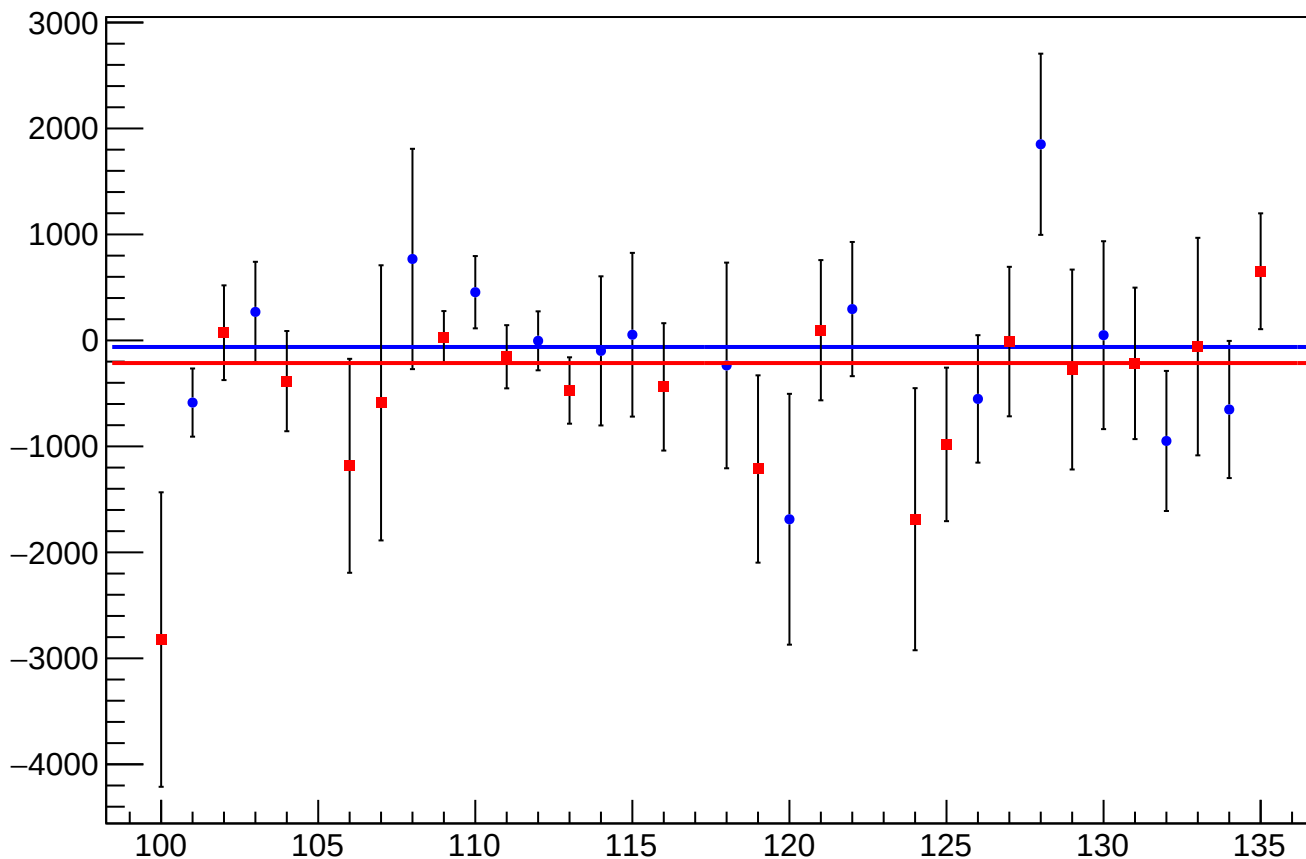
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.971+/-0.014 χ^2/NDF : 1615854.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_mean vs Slug



Right In: -61.969+/-135.307 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.583+/-121.361 χ^2/NDF : 13.6/17

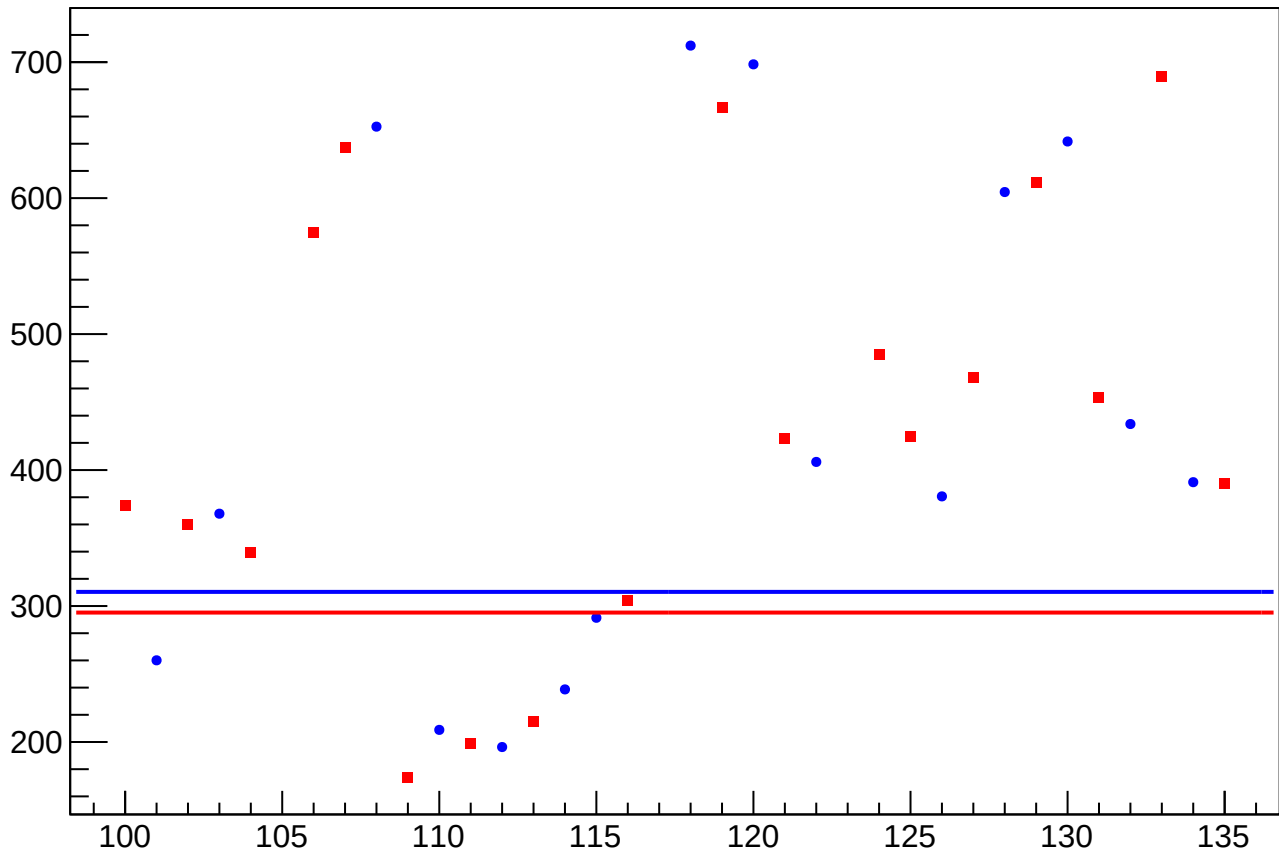
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.989+/-90.345 χ^2/NDF : 31.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_correction_rms vs Slug



Right In: 310.403+/-0.096 χ^2/NDF : 2077986.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

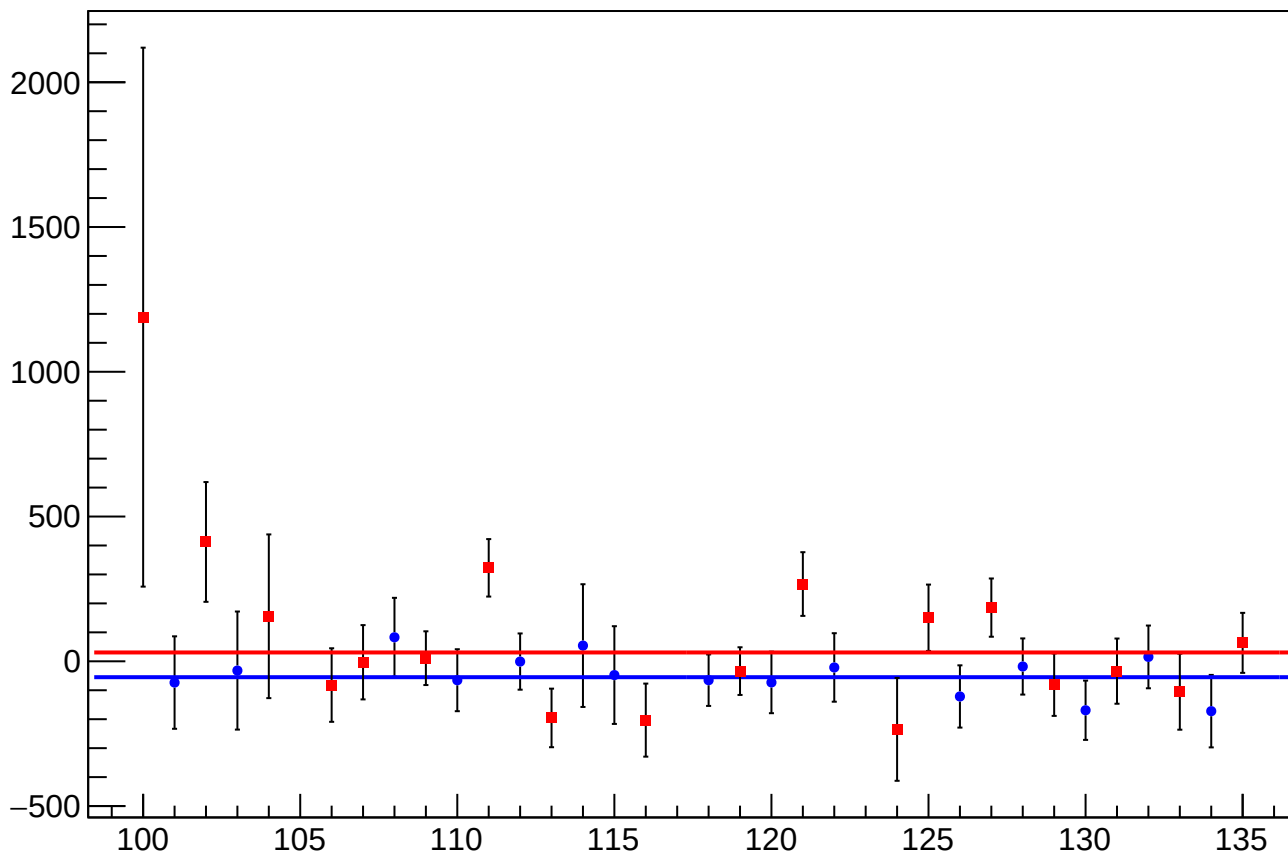
Right Out: 295.190+/-0.086 χ^2/NDF : 2521768.0/17

All: 301.972+/-0.064 χ^2/NDF : 4613764.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_mean vs Slug



Right In: -54.886 ± 30.268 χ^2/NDF : 4.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 30.522 ± 27.836 χ^2/NDF : 36.6/17

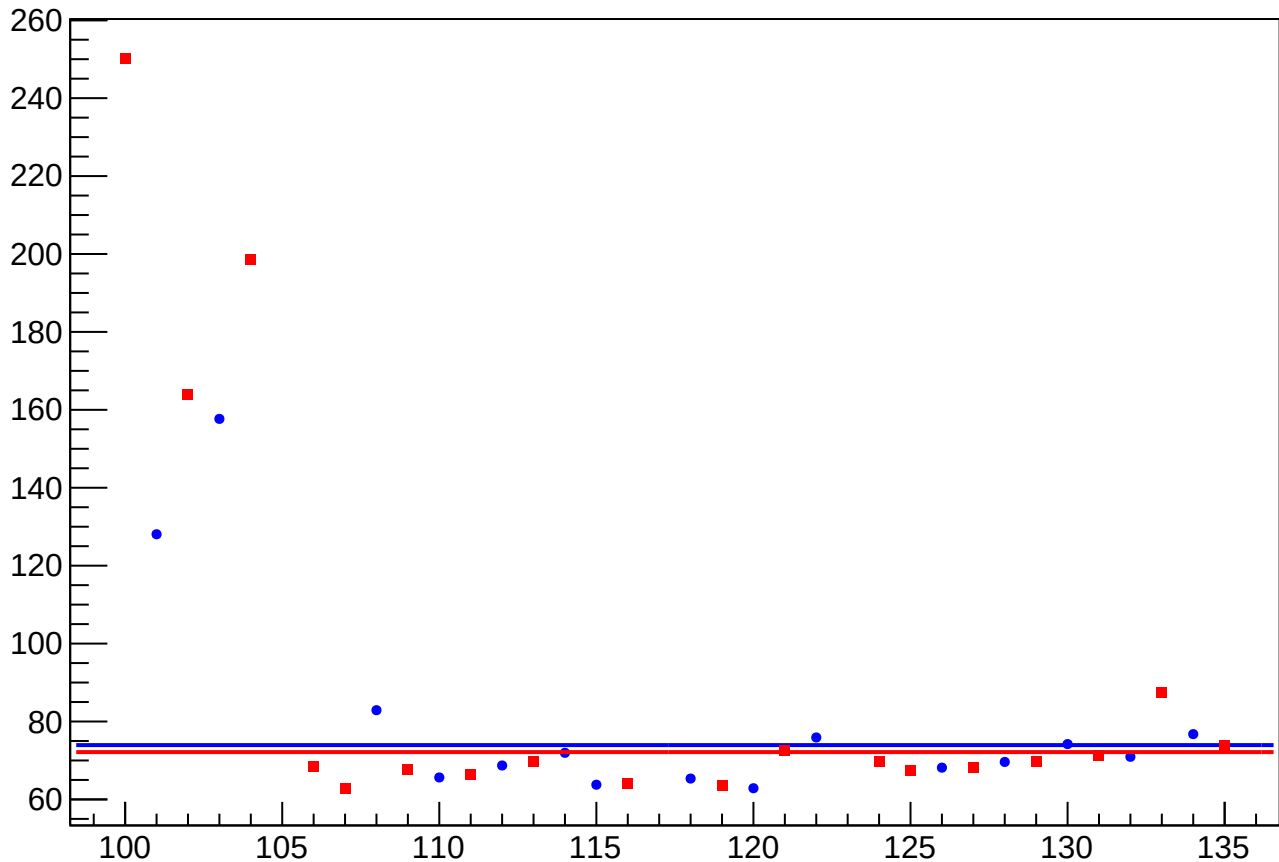
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.613 ± 20.489 χ^2/NDF : 45.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam7_rms vs Slug



Right In: 73.944+/-0.021 χ^2/NDF : 654015.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 72.149+/-0.020 χ^2/NDF : 958032.2/17

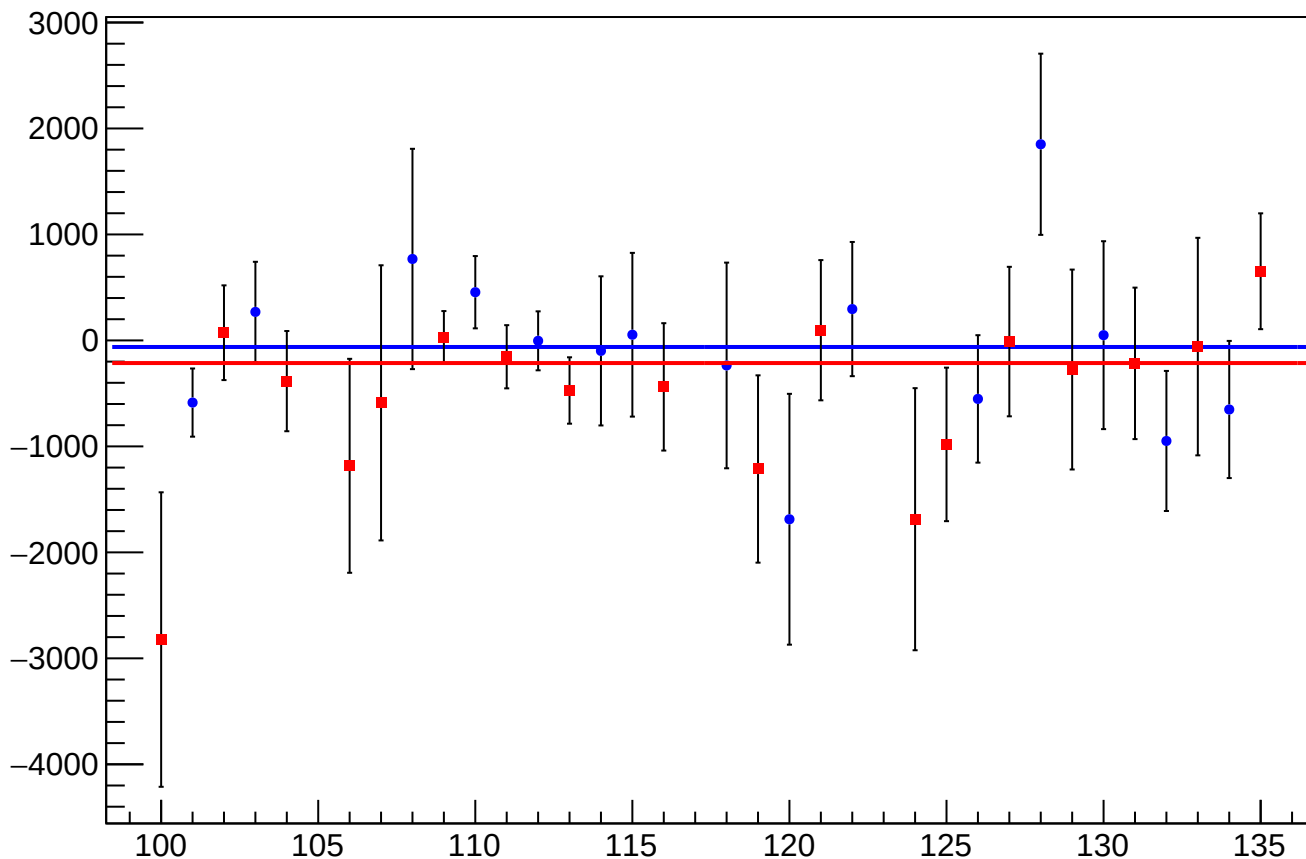
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.971+/-0.014 χ^2/NDF : 1615857.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_mean vs Slug



Right In: -61.968+/-135.306 χ^2/NDF : 16.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -213.582+/-121.361 χ^2/NDF : 13.6/17

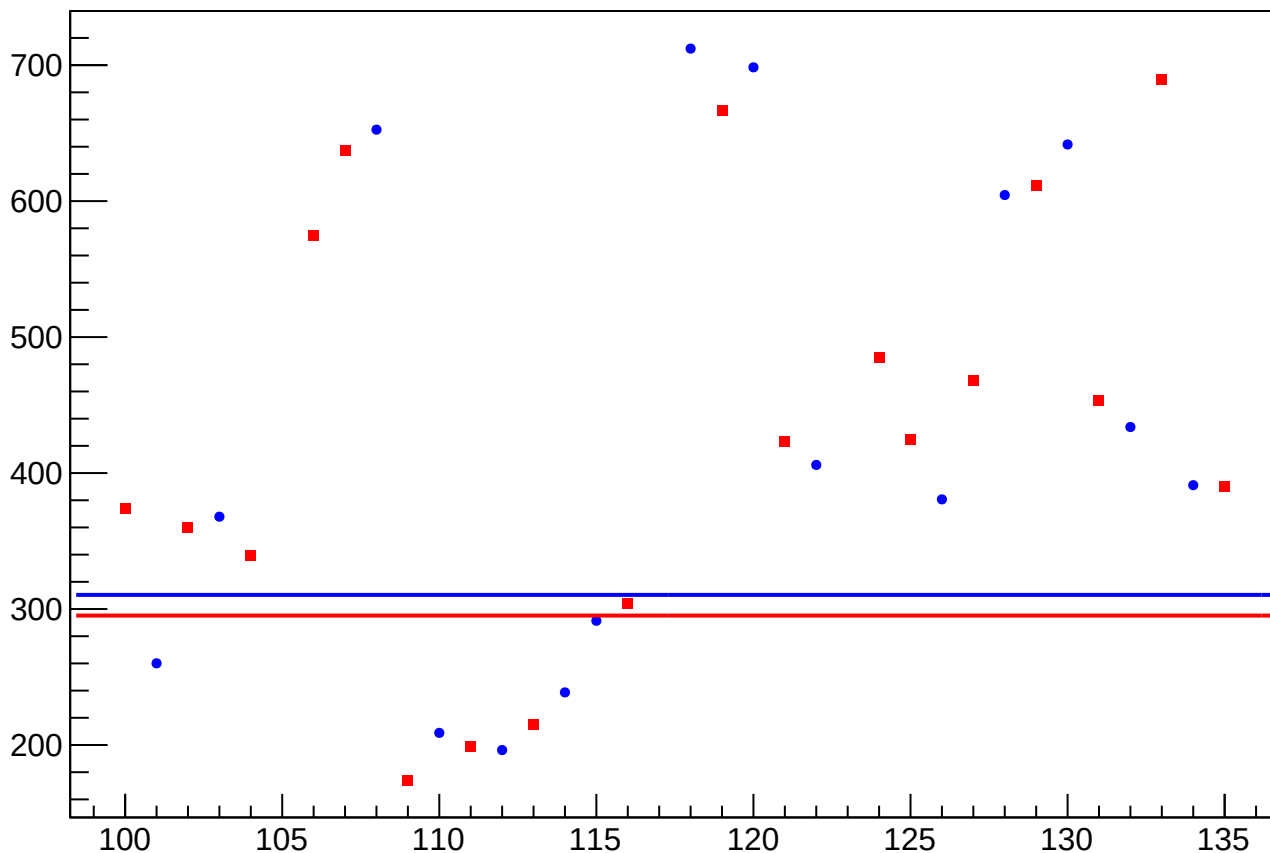
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -145.988+/-90.344 χ^2/NDF : 31.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_correction_rms vs Slug



Right In: 310.400+/-0.096 χ^2/NDF : 2078015.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 295.188+/-0.086 χ^2/NDF : 2521778.6/17

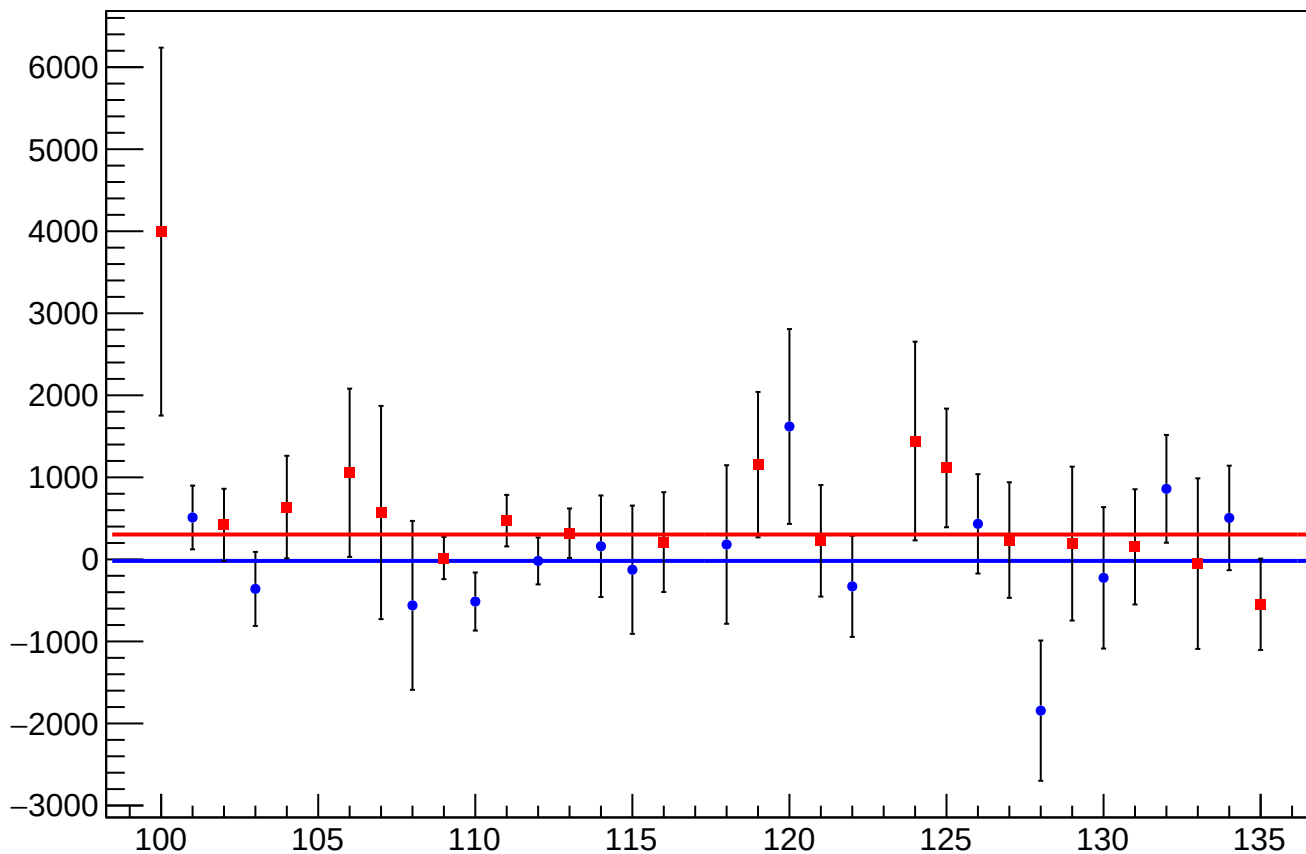
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 301.970+/-0.064 χ^2/NDF : 4613802.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_mean vs Slug



Right In: -18.382 ± 139.259 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 303.388 ± 125.252 χ^2/NDF : 10.8/17

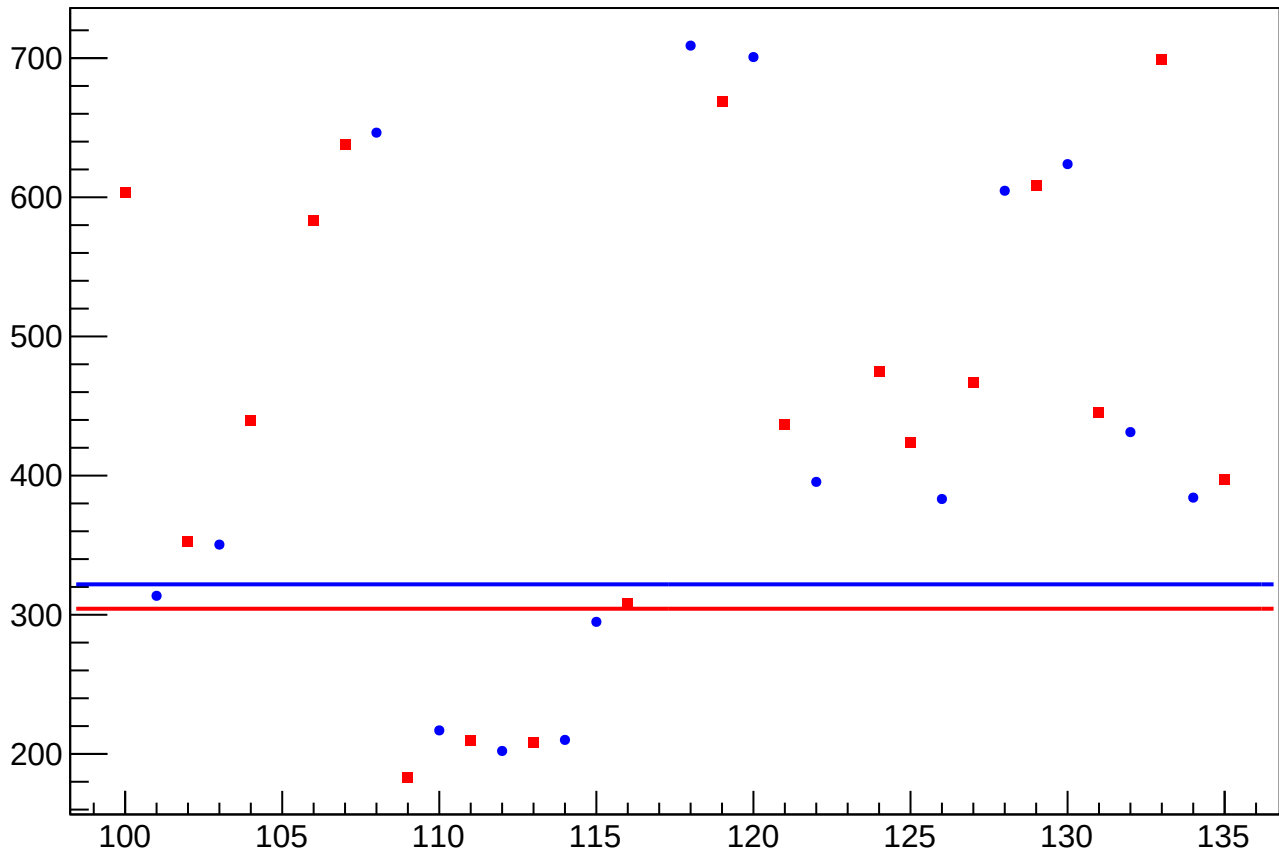
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 159.494 ± 93.126 χ^2/NDF : 28.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_rms vs Slug



Right In: 321.864+/-0.098 χ^2/NDF : 1913679.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 304.333+/-0.089 χ^2/NDF : 2510988.6/17

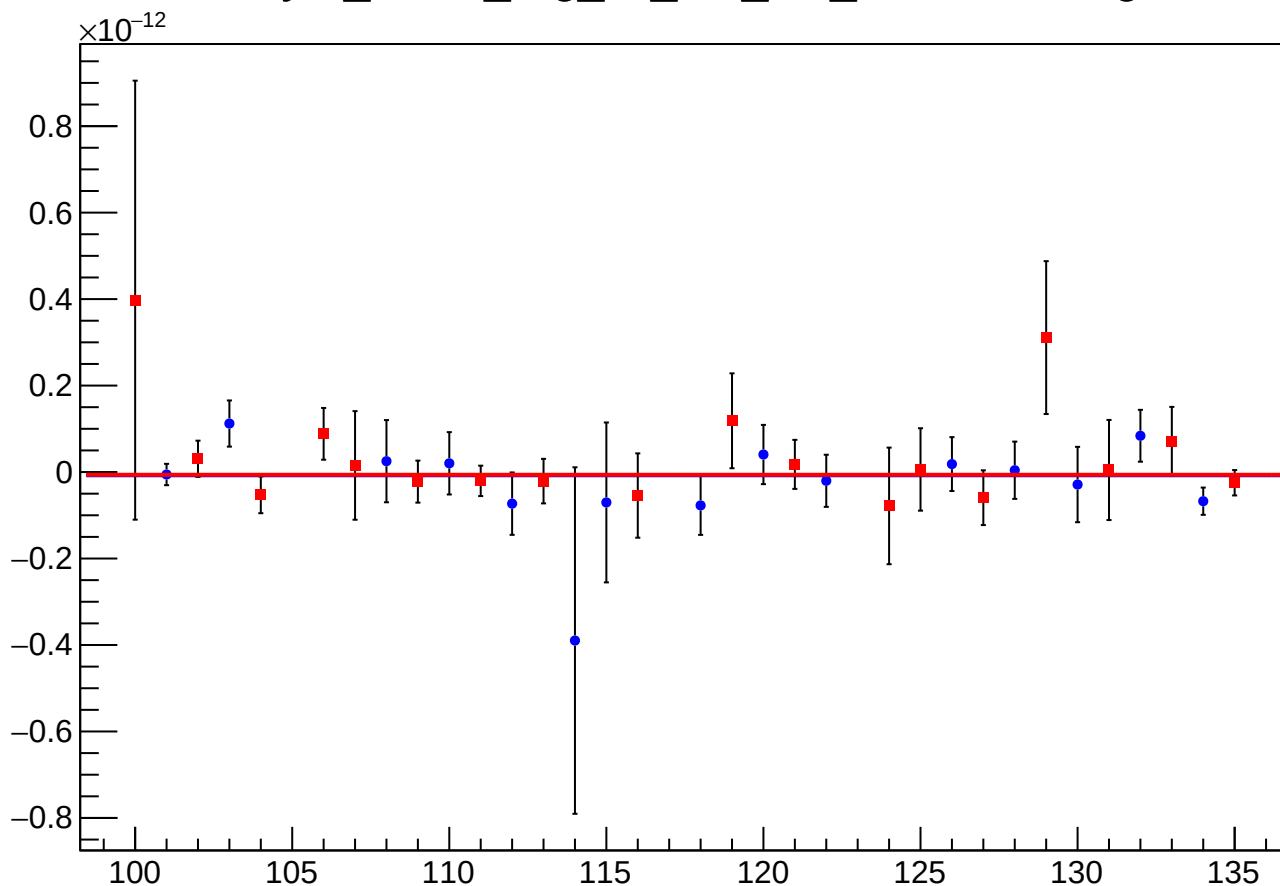
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 312.173+/-0.066 χ^2/NDF : 4442190.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 14.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 12.8/17

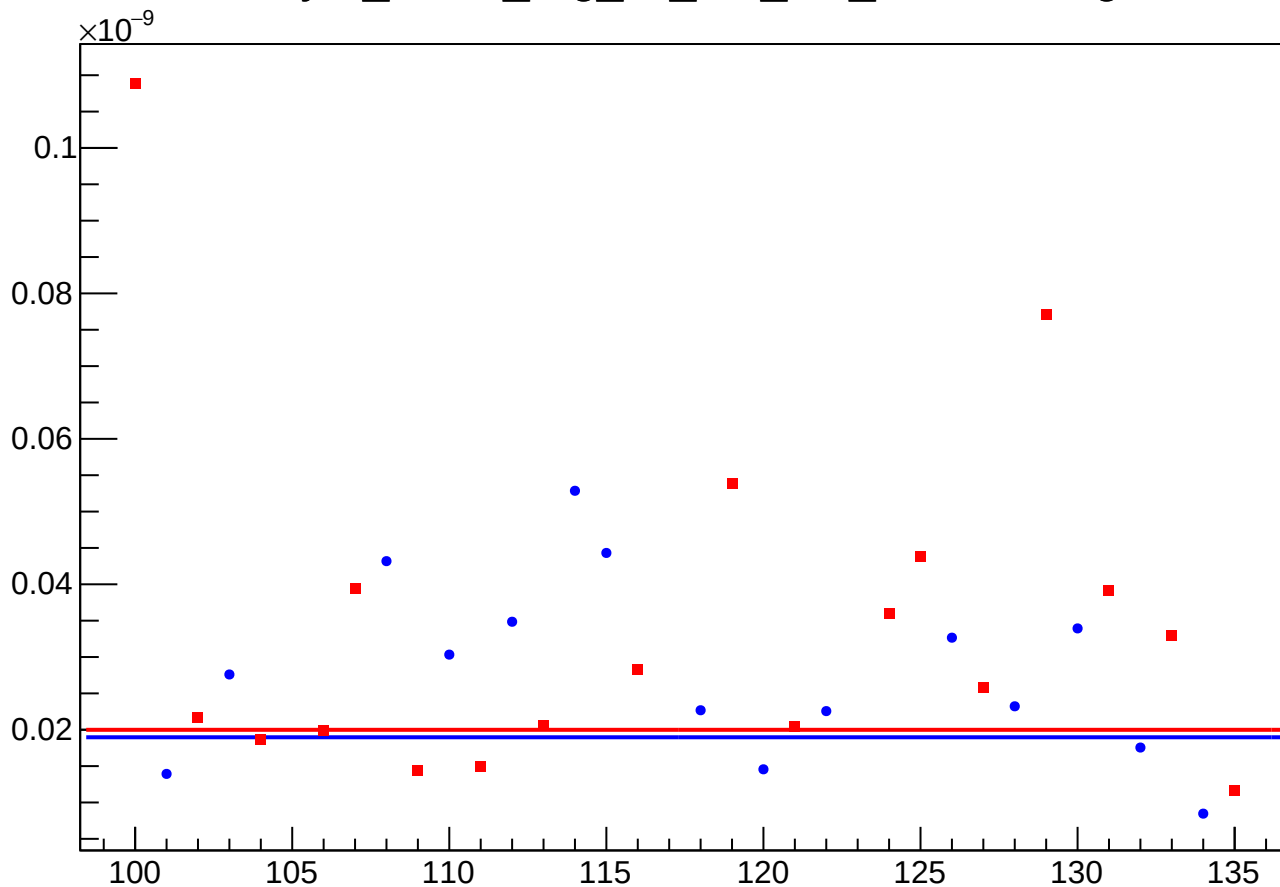
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam7_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 872231.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1034981.1/17

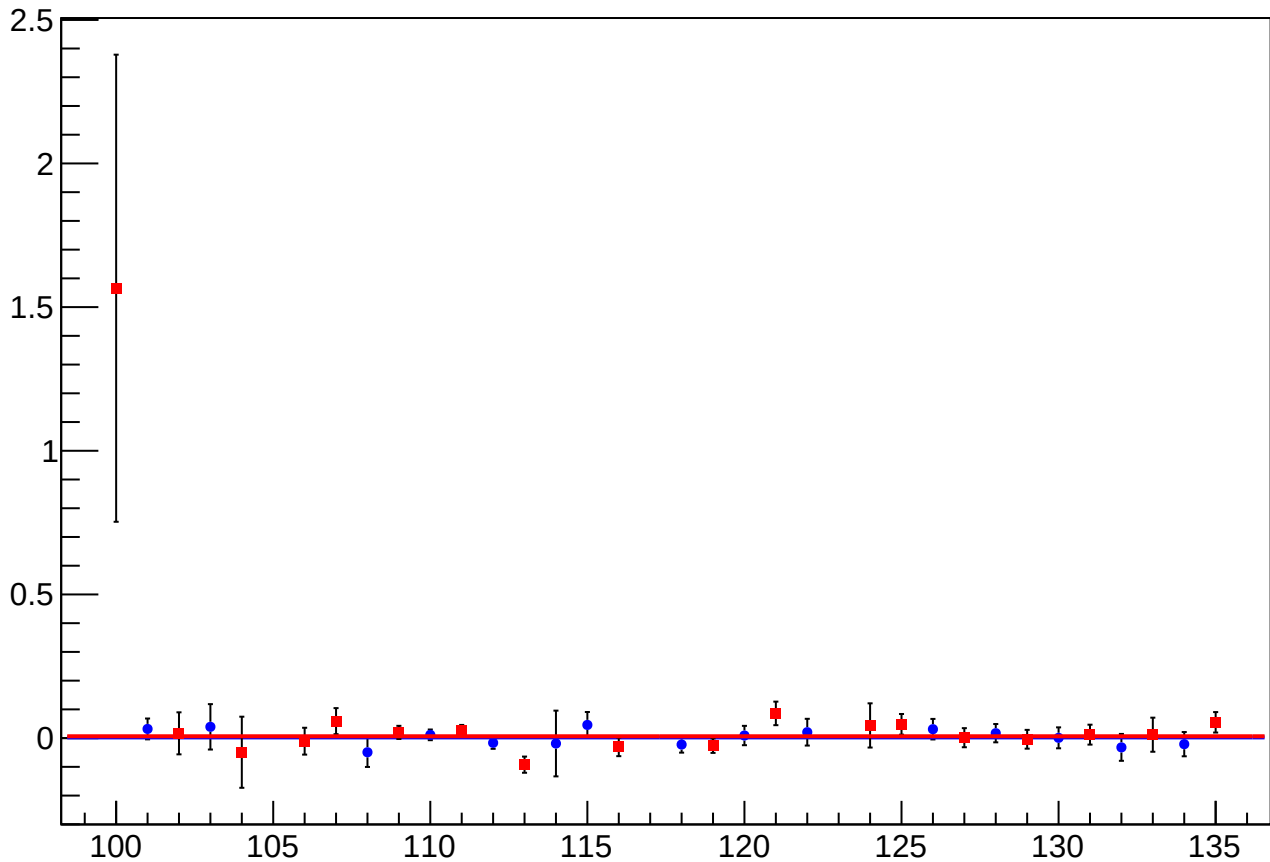
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1912761.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

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

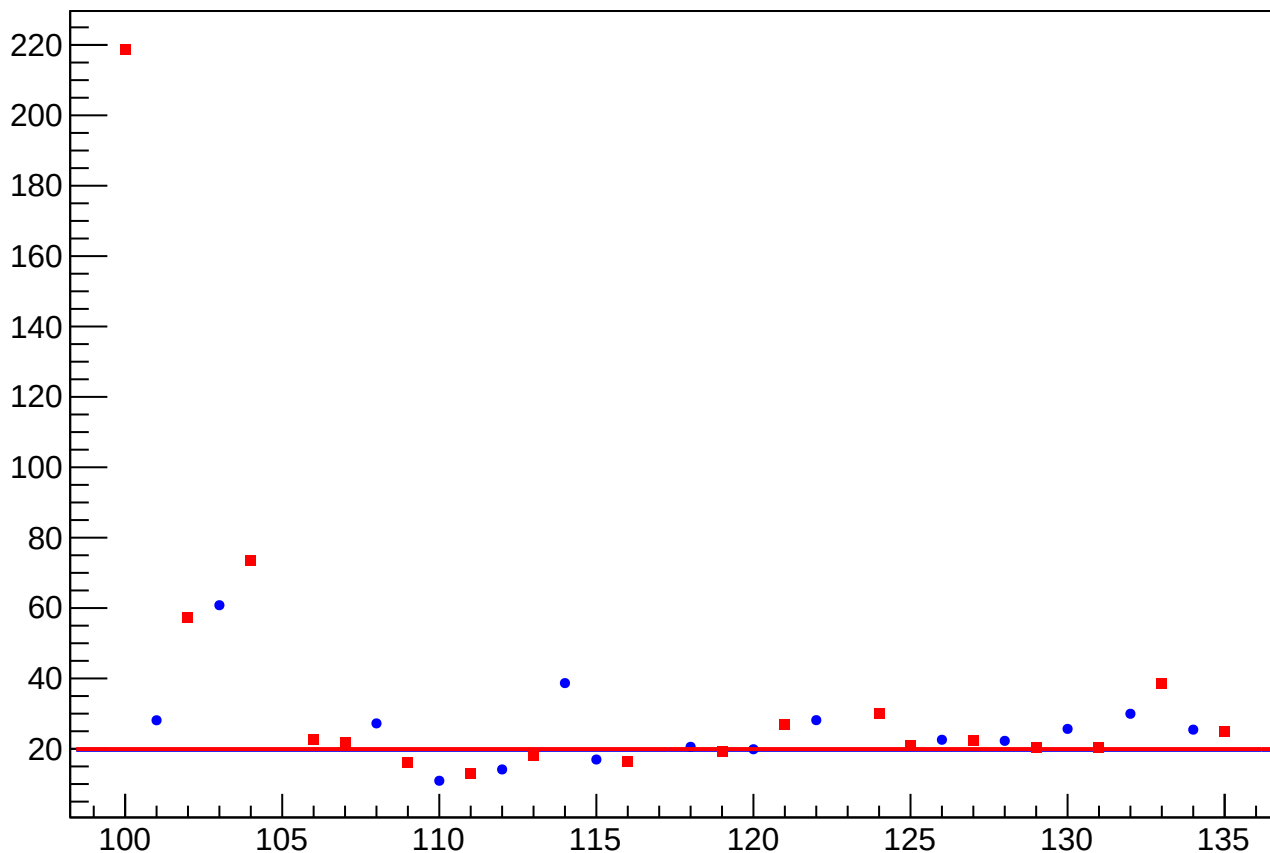
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_cor_diff_rms vs Slug



Right In: 19.712 $\pm$ 0.006 χ^2 /NDF: 1622824.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

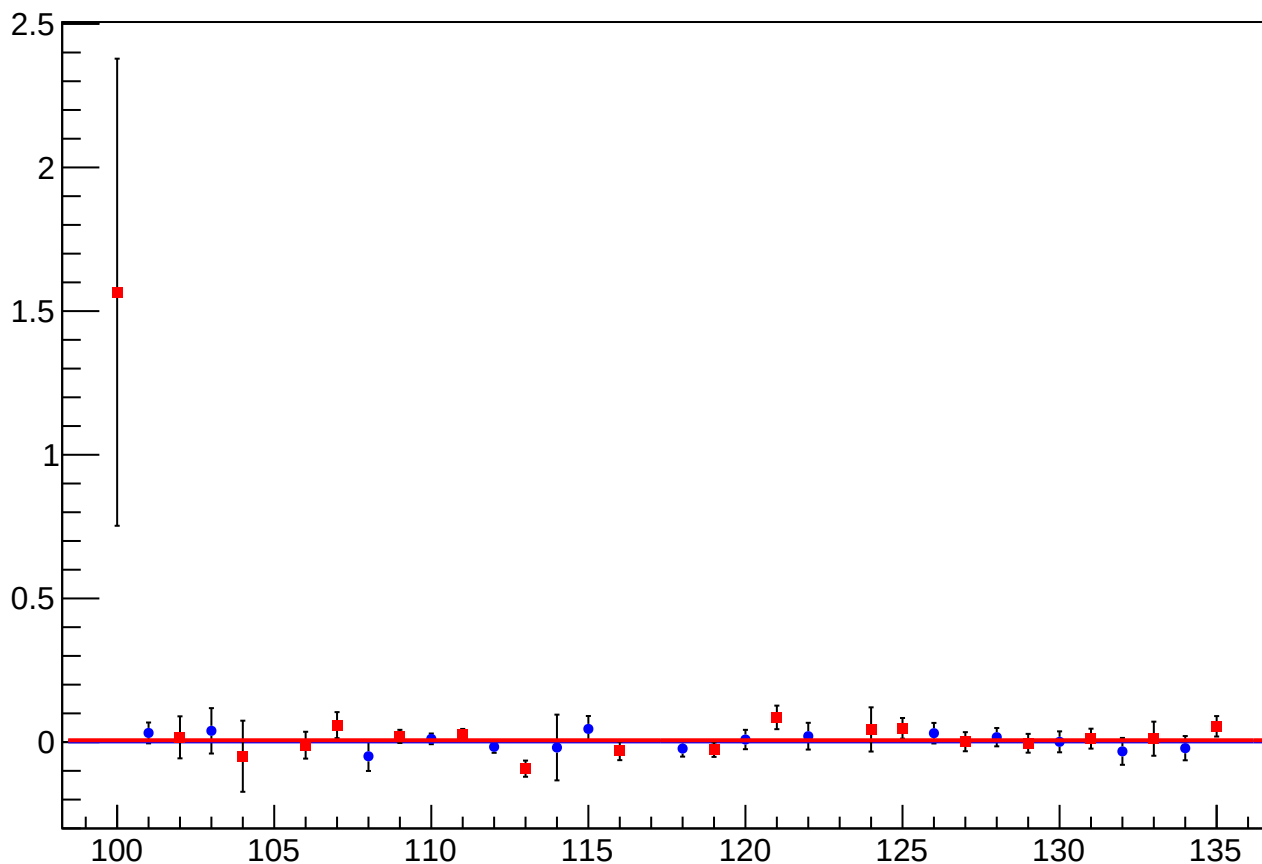
Right Out: 19.932 $\pm$ 0.006 χ^2 /NDF: 1715947.9/17

All: 19.828 $\pm$ 0.004 χ^2 /NDF: 3339448.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

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

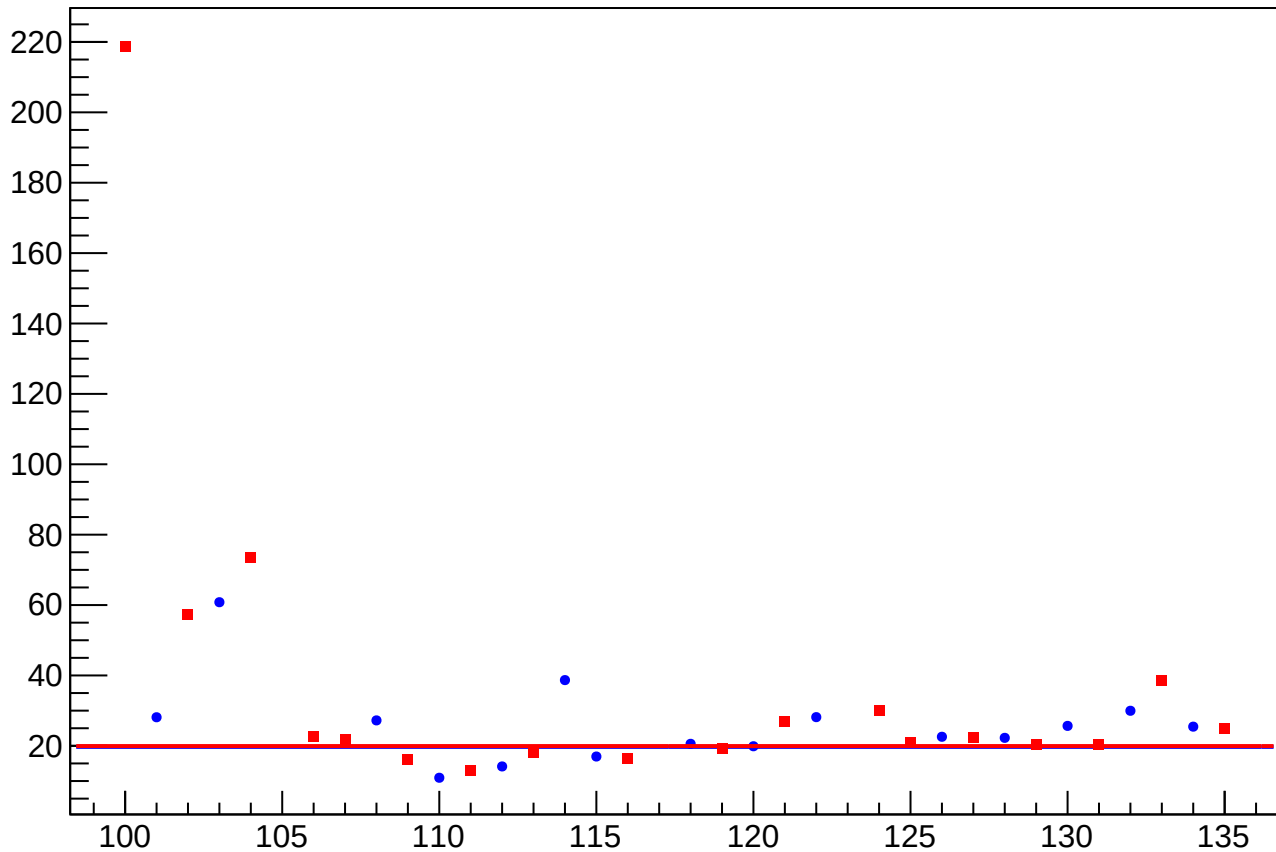
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.712+/-0.006 χ^2/NDF : 1622824.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.932+/-0.006 χ^2/NDF : 1715947.9/17

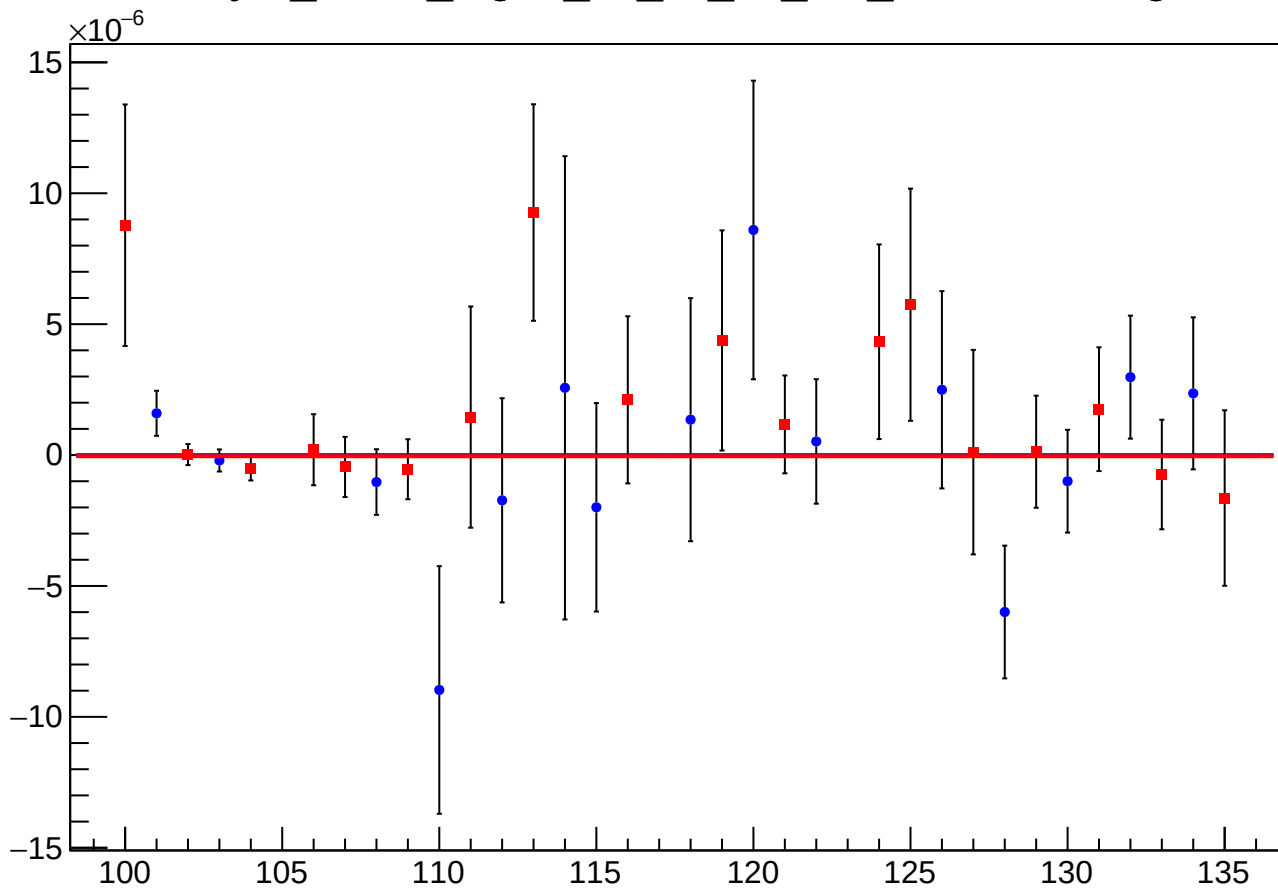
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.828+/-0.004 χ^2/NDF : 3339448.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/17

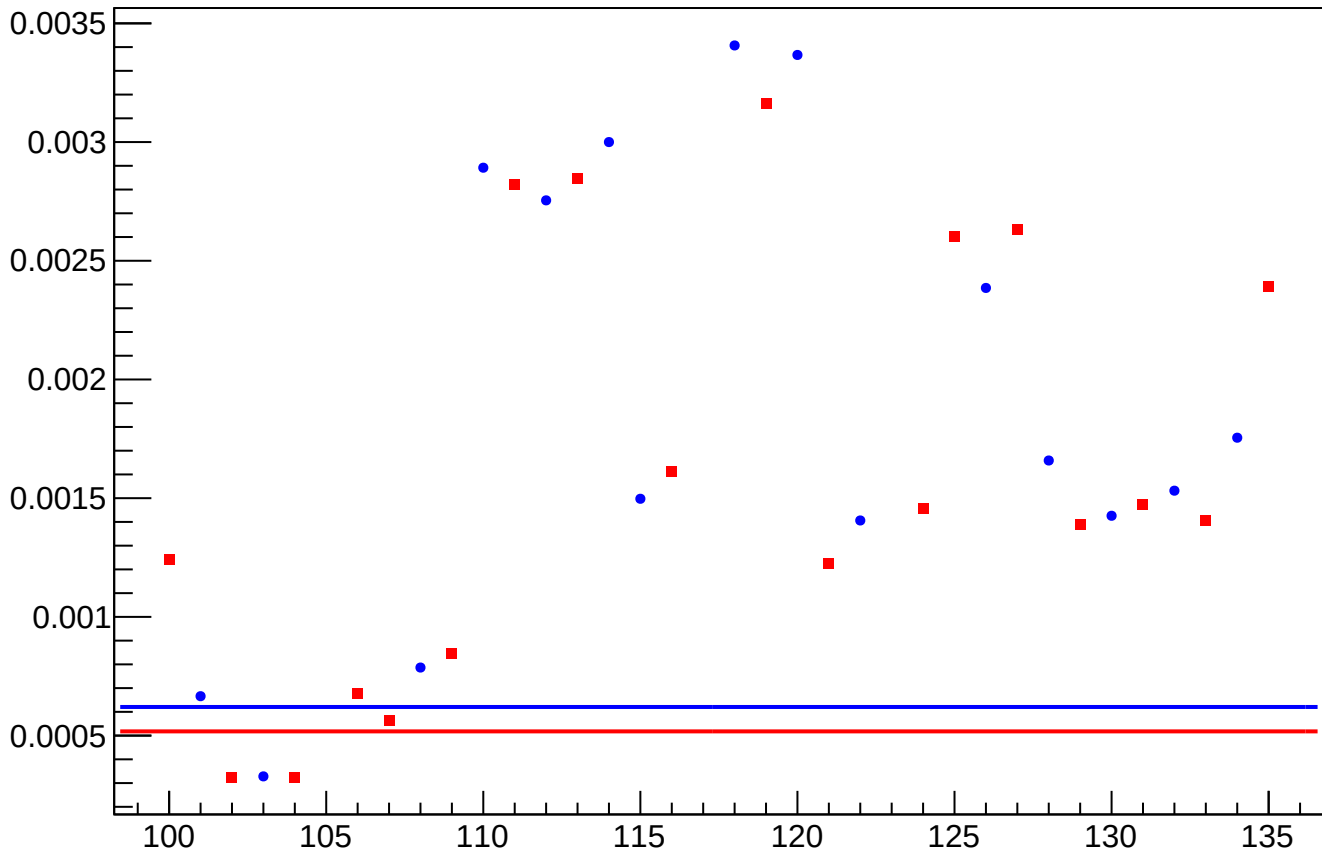
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 5422628.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6429184.5/17

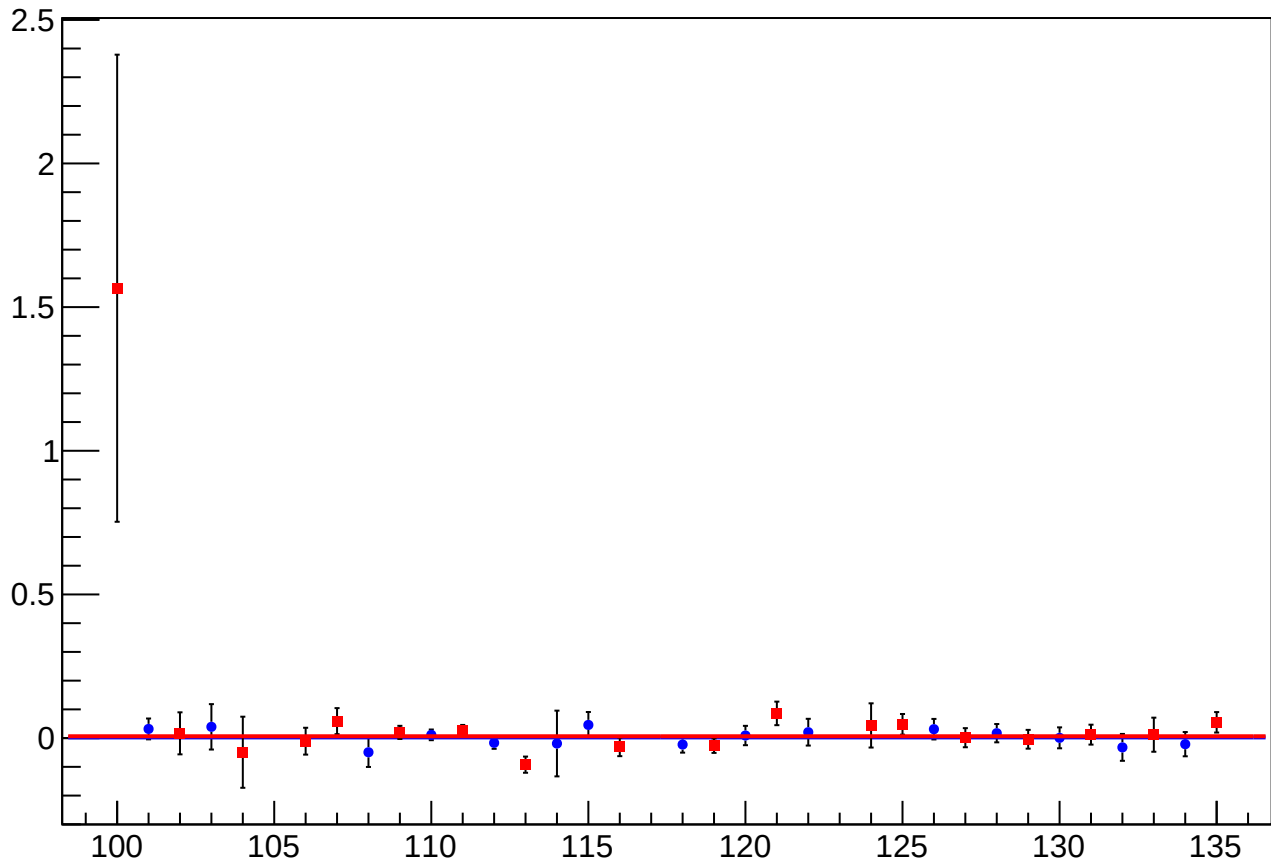
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 11968491.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.009 χ^2 /NDF: 6.6/14

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

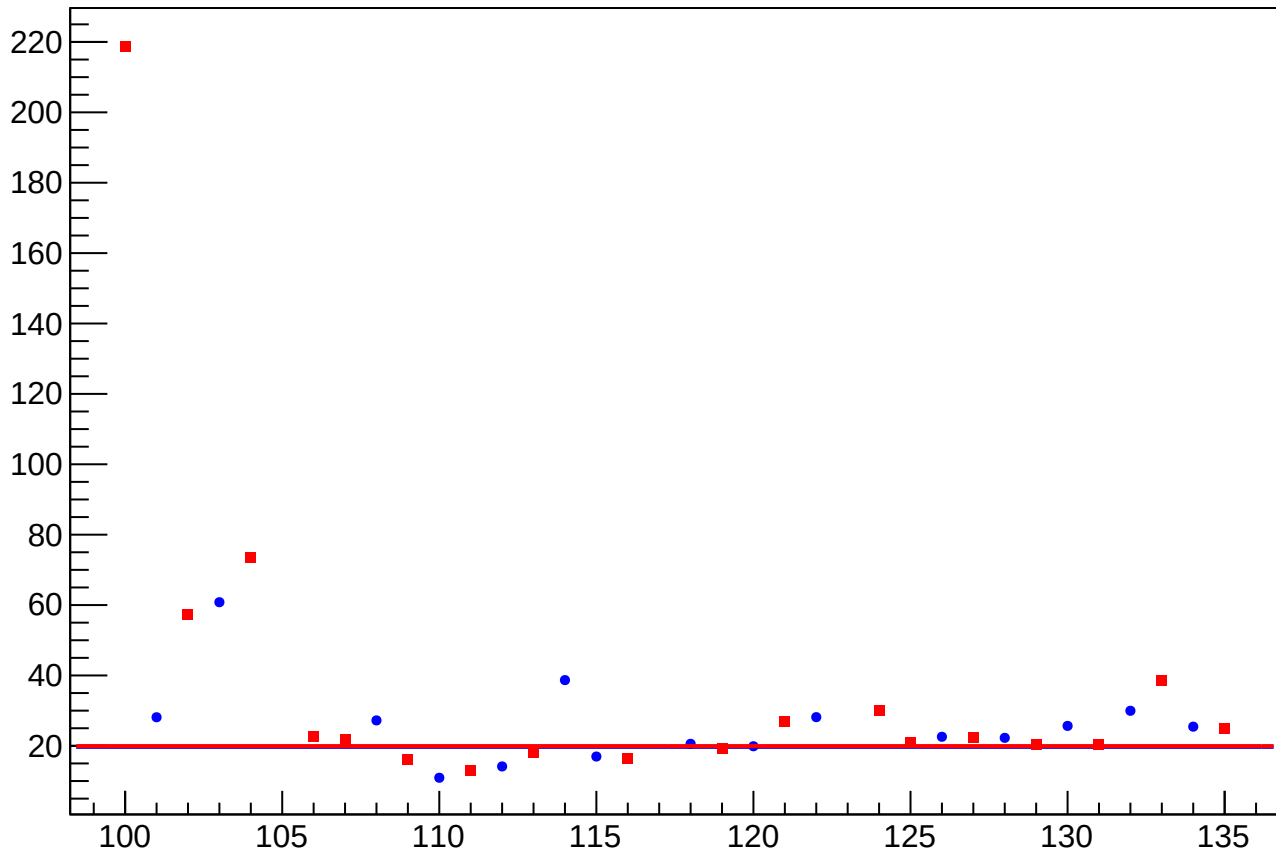
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.712 $\pm$ 0.006 χ^2 /NDF: 1622655.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.932 $\pm$ 0.006 χ^2 /NDF: 1715882.9/17

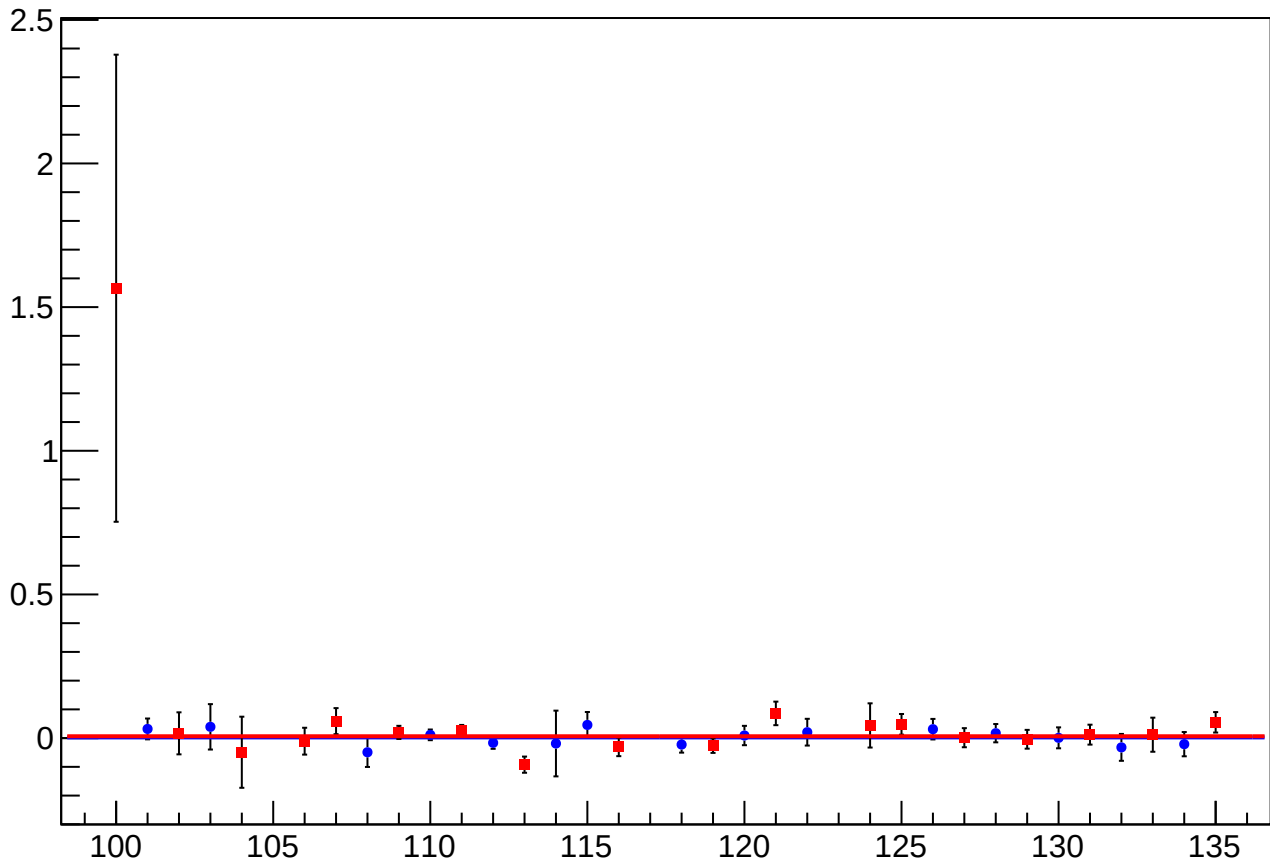
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.828 $\pm$ 0.004 χ^2 /NDF: 3339212.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.009 χ^2/NDF : 6.6/14

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

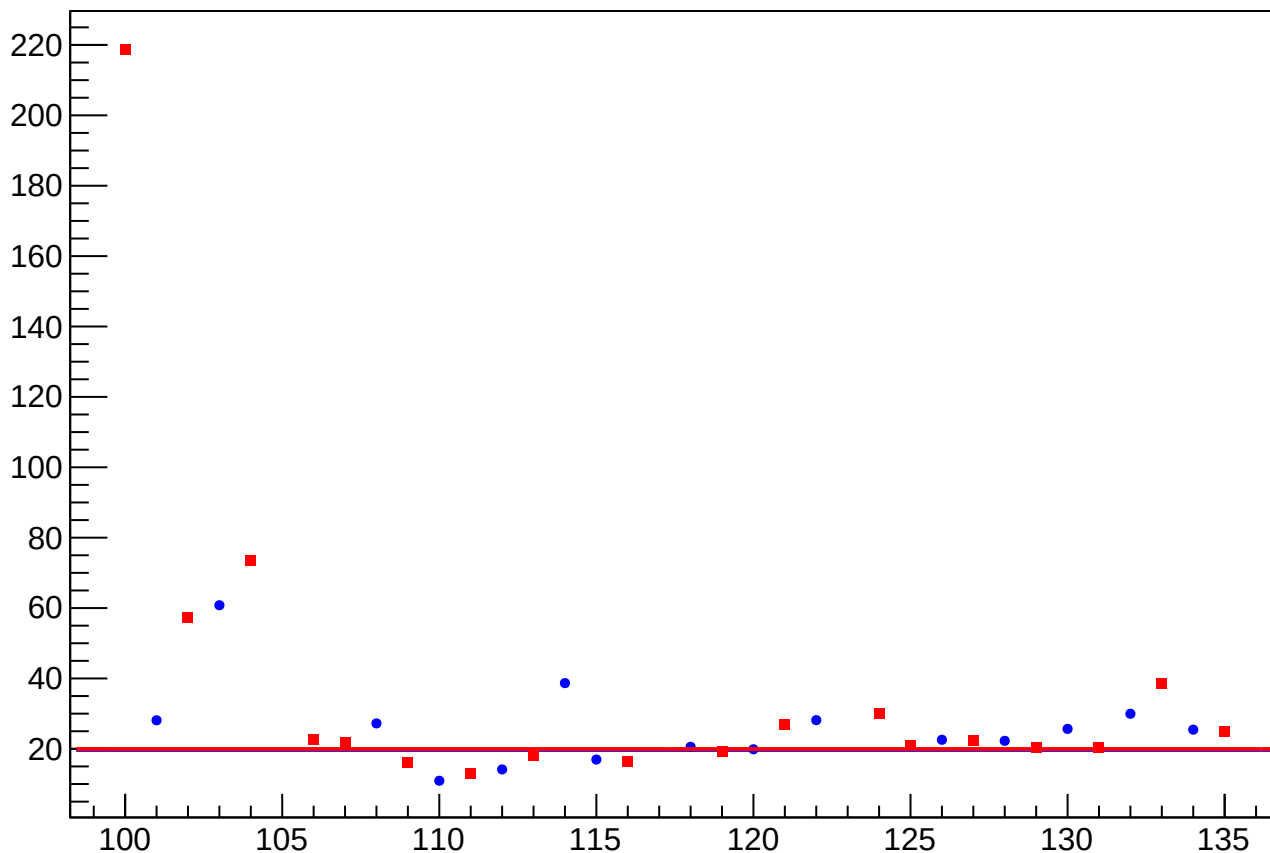
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.005 $\pm$ 0.006 χ^2/NDF : 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.712+/-0.006 χ^2/NDF : 1622655.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.932+/-0.006 χ^2/NDF : 1715882.9/17

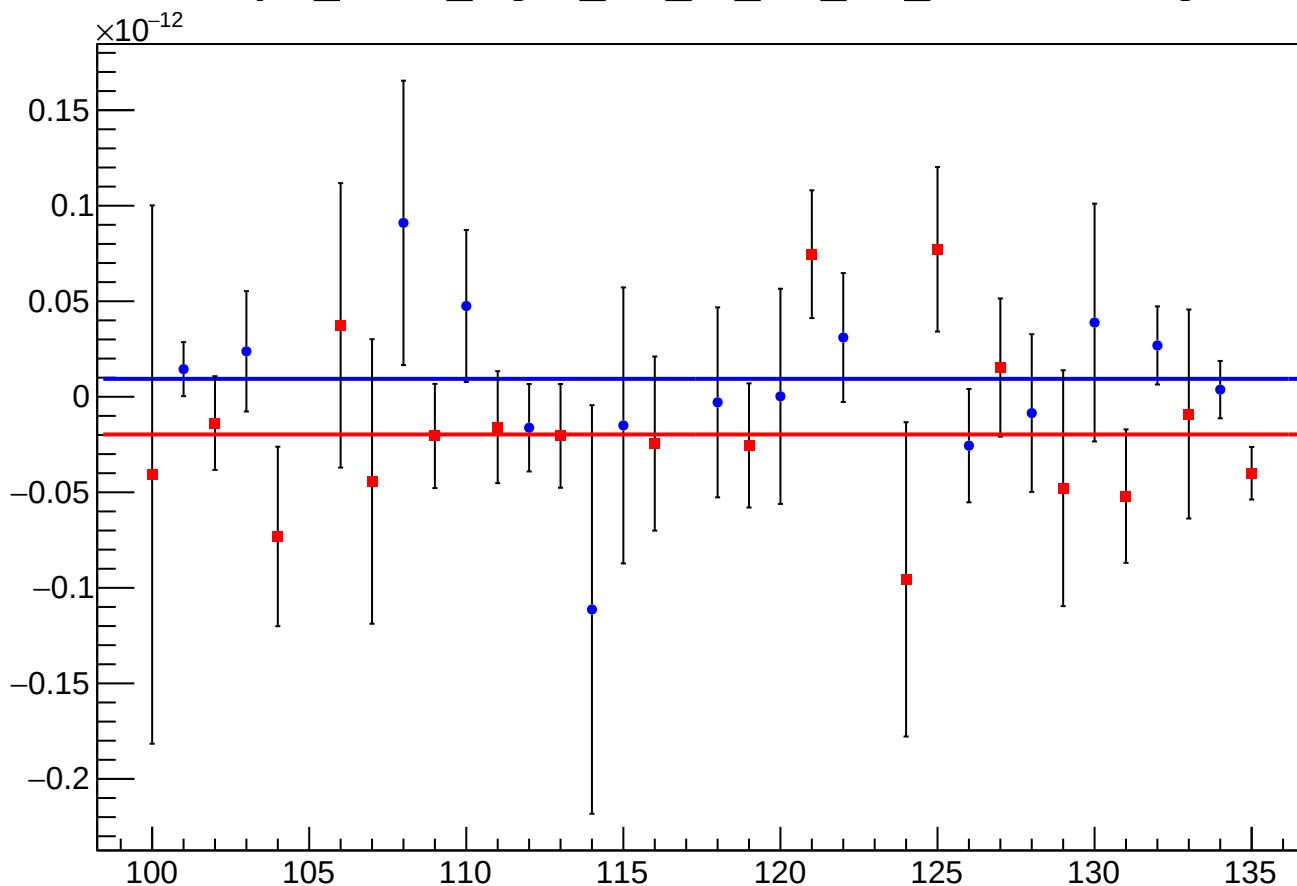
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.828+/-0.004 χ^2/NDF : 3339212.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 20.2/17

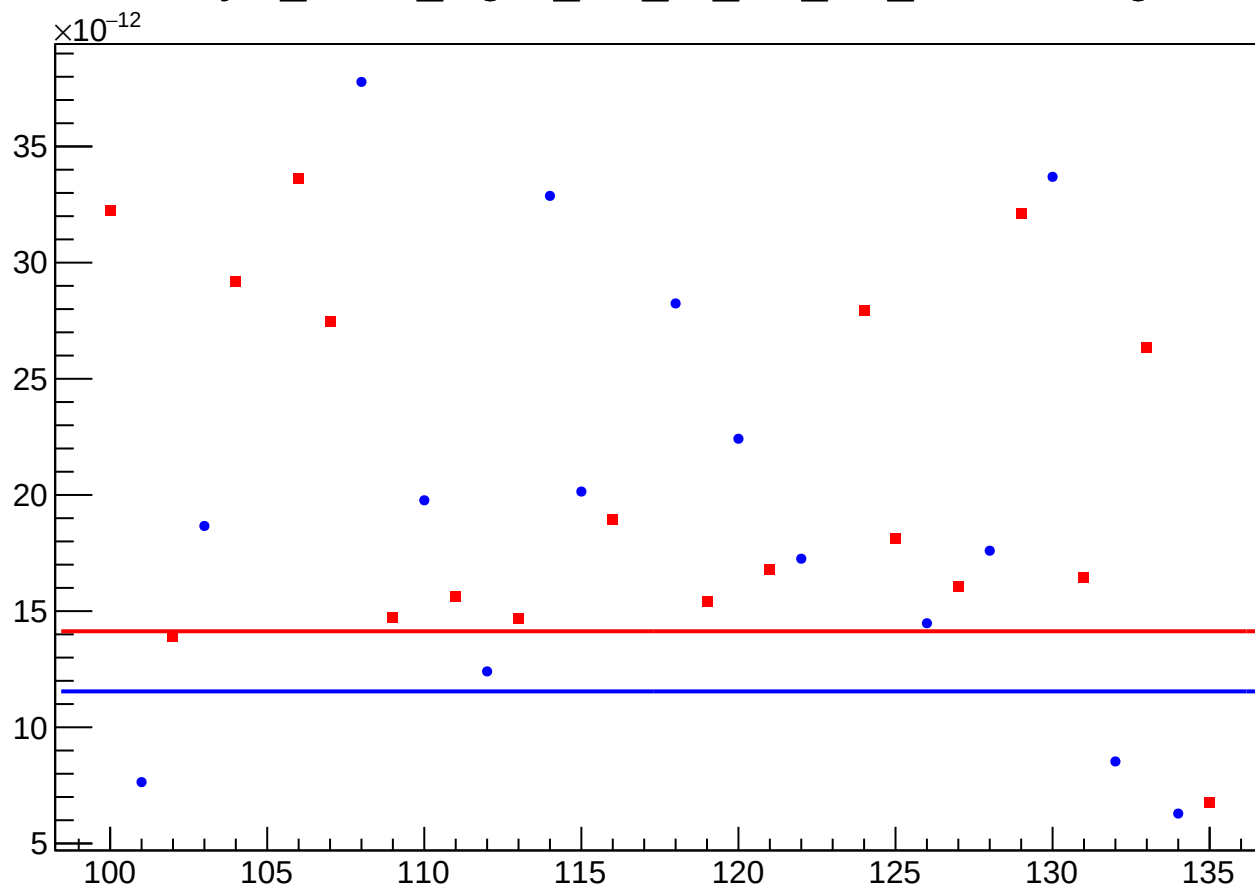
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 36.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam7_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1662037.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1414993.4/17

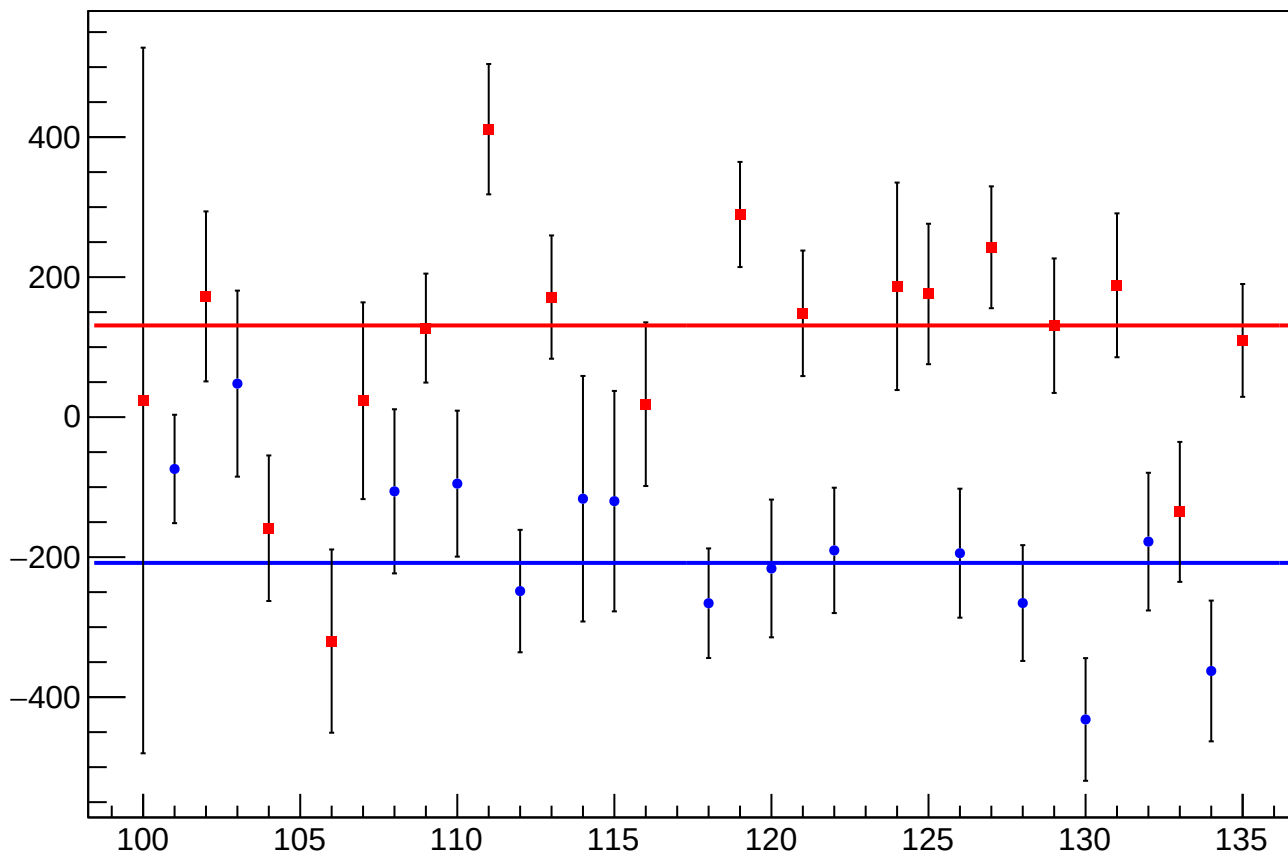
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3197931.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_mean vs Slug



Right In: -208.234 ± 25.161 χ^2/NDF : 19.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 130.965 ± 23.626 χ^2/NDF : 44.5/17

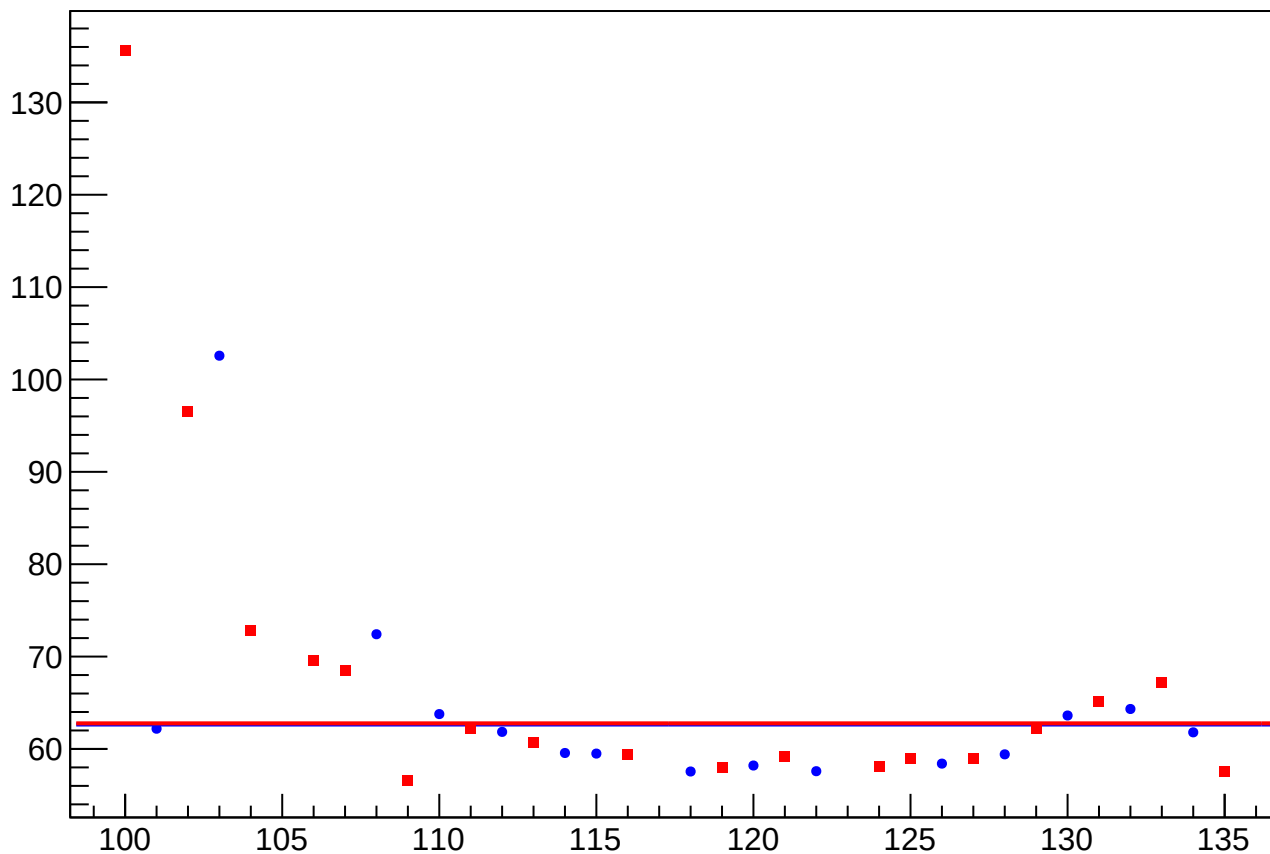
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.979 ± 17.223 χ^2/NDF : 160.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_rms vs Slug



Right In: 62.643+/-0.018 χ^2/NDF : 223530.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.772+/-0.017 χ^2/NDF : 272547.5/17

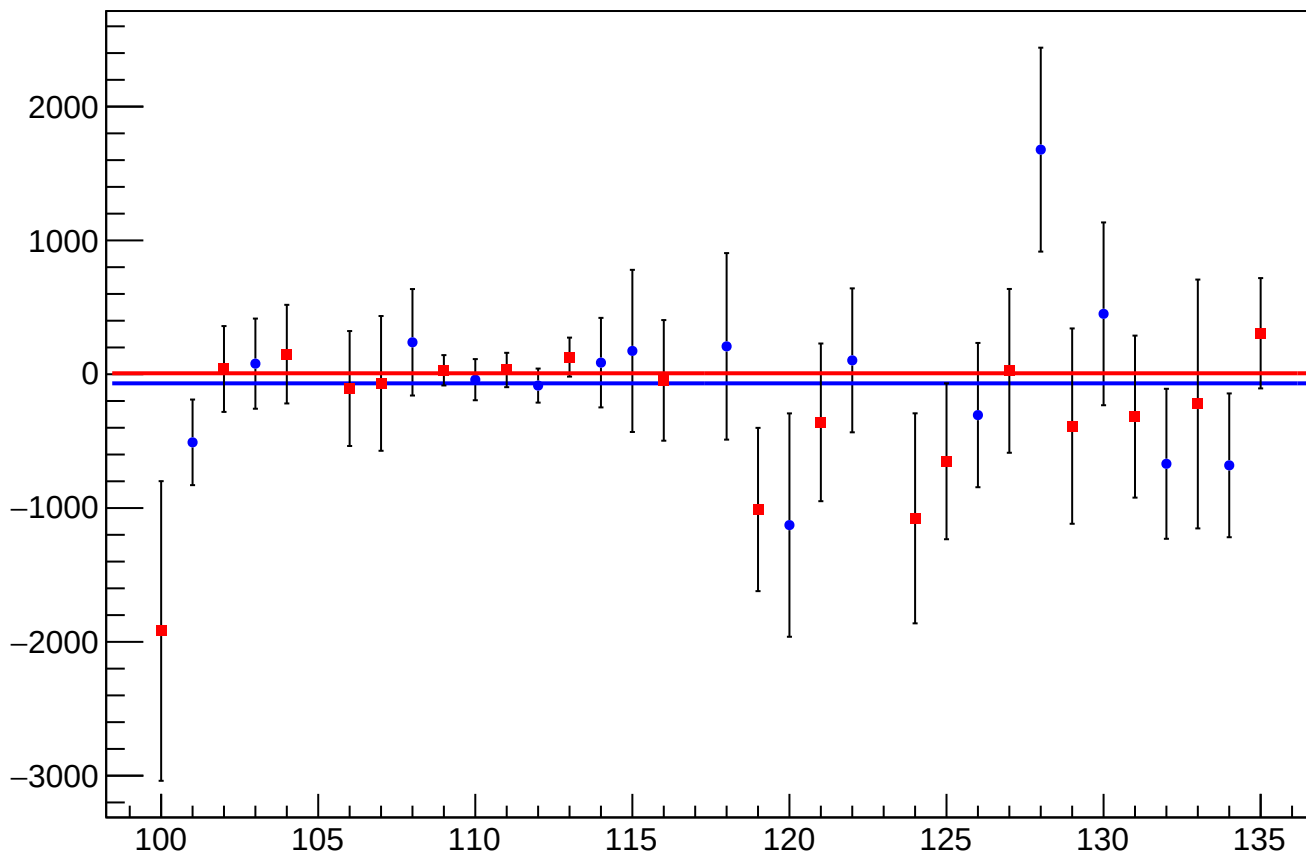
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.711+/-0.012 χ^2/NDF : 496105.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_correction_mean vs Slug



Right In: -68.078+/-78.688 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 7.164+/-64.252 χ^2 /NDF: 11.5/17

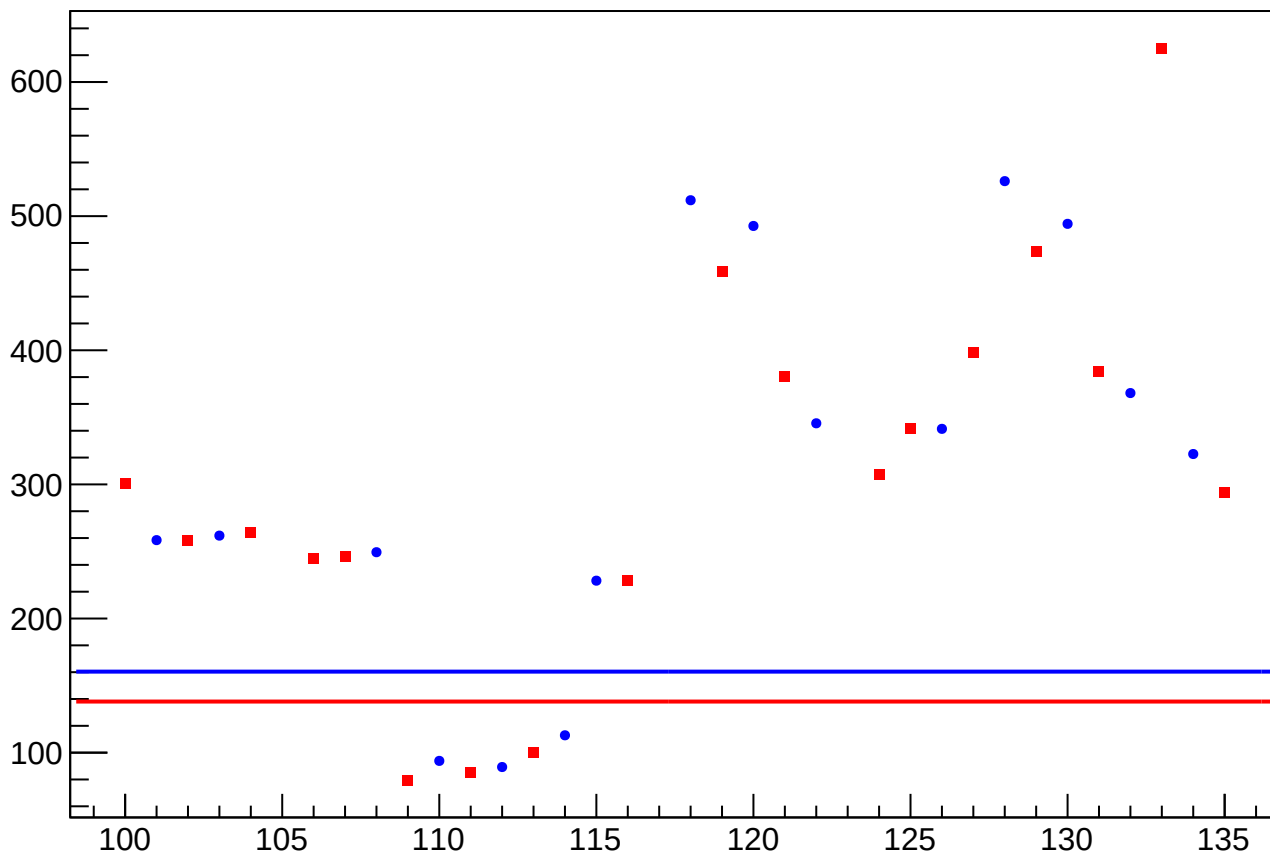
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -22.935+/-49.768 χ^2 /NDF: 25.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam8_reg_correction_rms vs Slug



Right In: 160.414+/-0.056 χ^2/NDF : 4217278.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 138.101+/-0.045 χ^2/NDF : 5045258.5/17

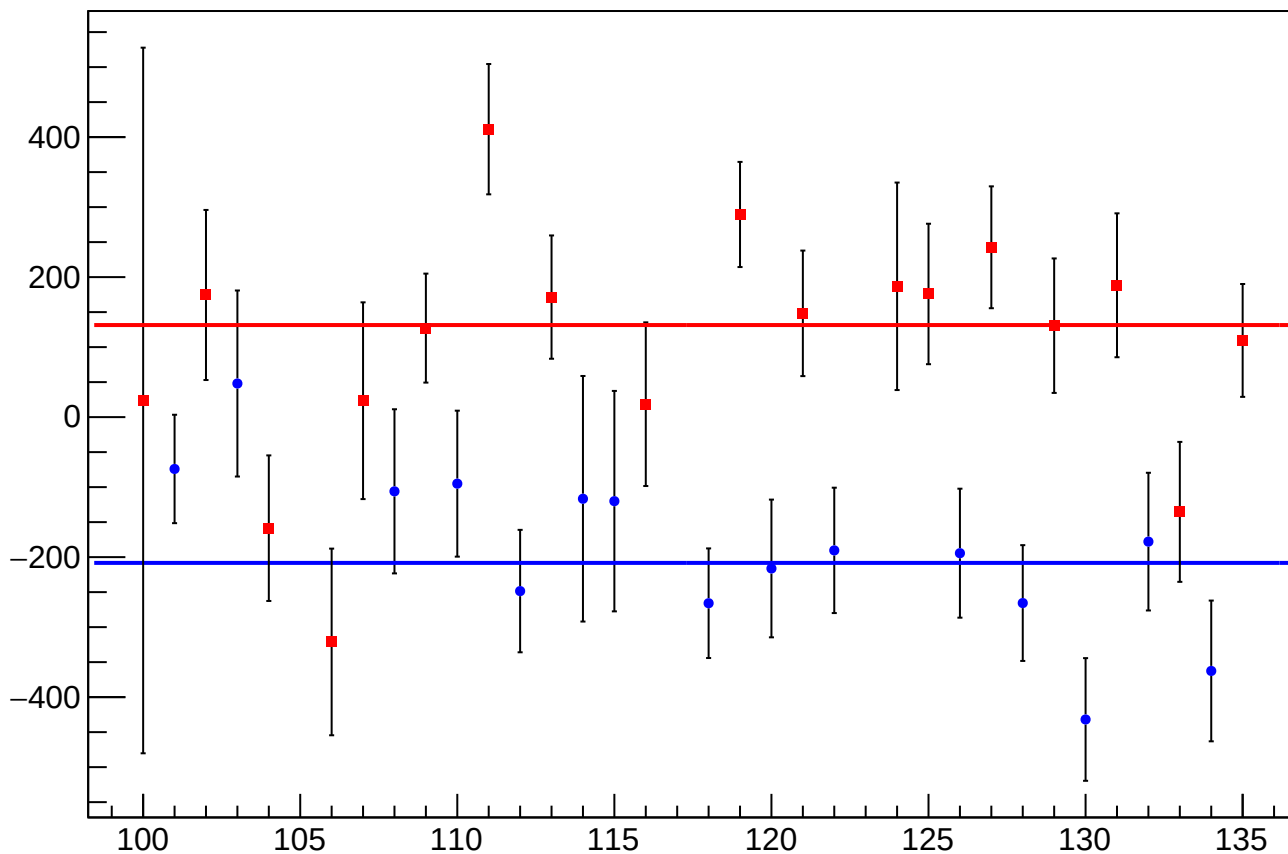
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 147.027+/-0.035 χ^2/NDF : 9359021.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_mean vs Slug



Right In: -208.233 ± 25.161 χ^2/NDF : 19.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 131.530 ± 23.641 χ^2/NDF : 44.2/17

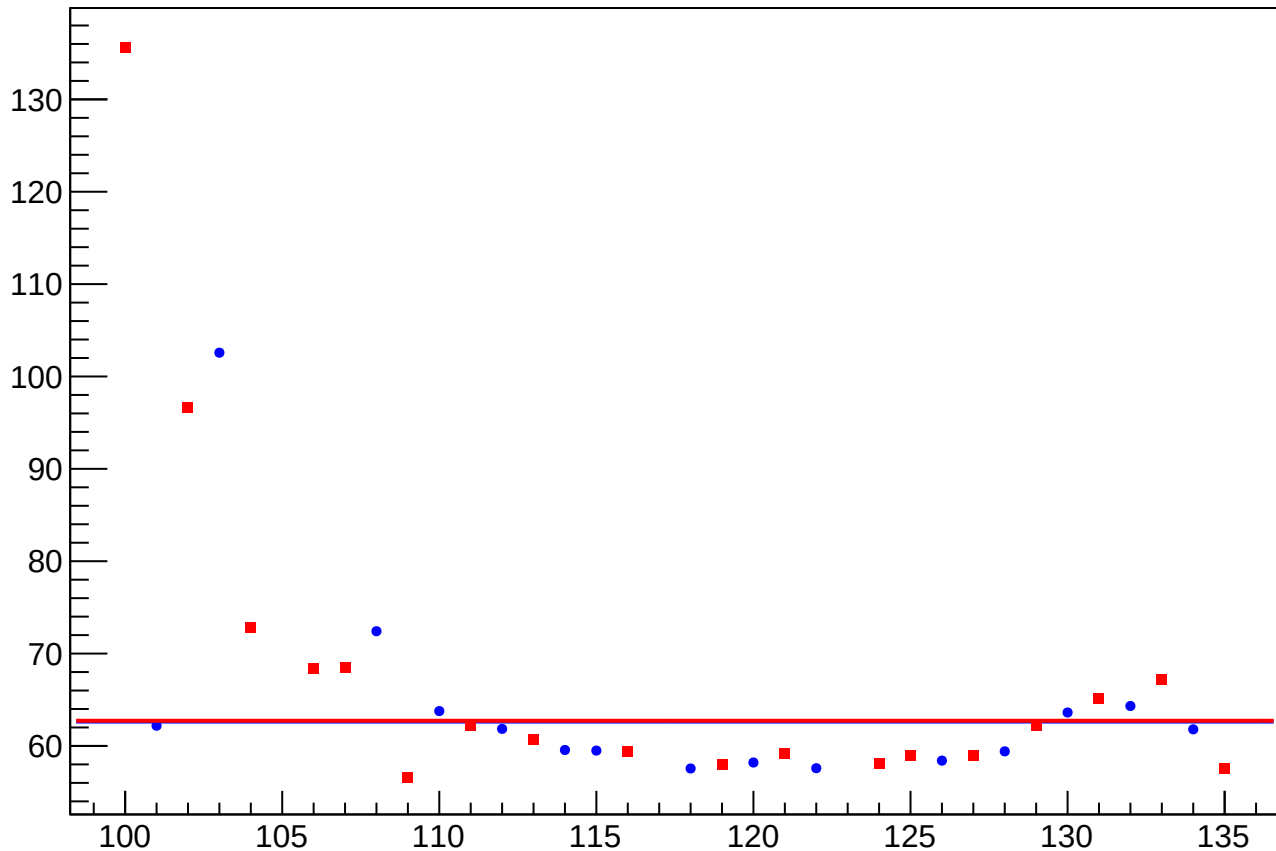
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.780 ± 17.229 χ^2/NDF : 160.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam8_rms vs Slug



Right In: 62.643+/-0.018 χ^2/NDF : 223532.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.727+/-0.017 χ^2/NDF : 270902.1/17

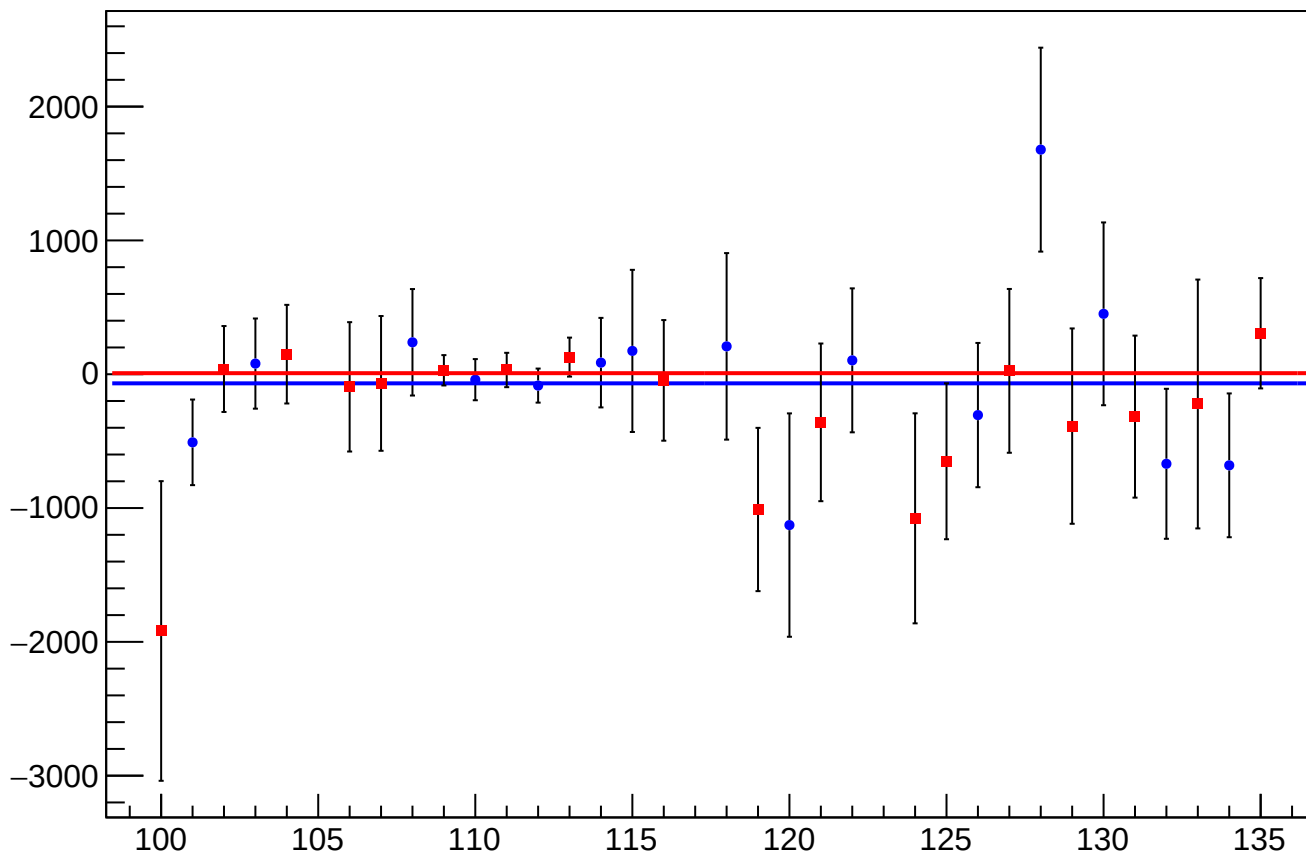
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.688+/-0.012 χ^2/NDF : 494446.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_cor_correction_mean vs Slug



Right In: -68.059+/-78.689 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 7.905+/-64.406 χ^2 /NDF: 11.5/17

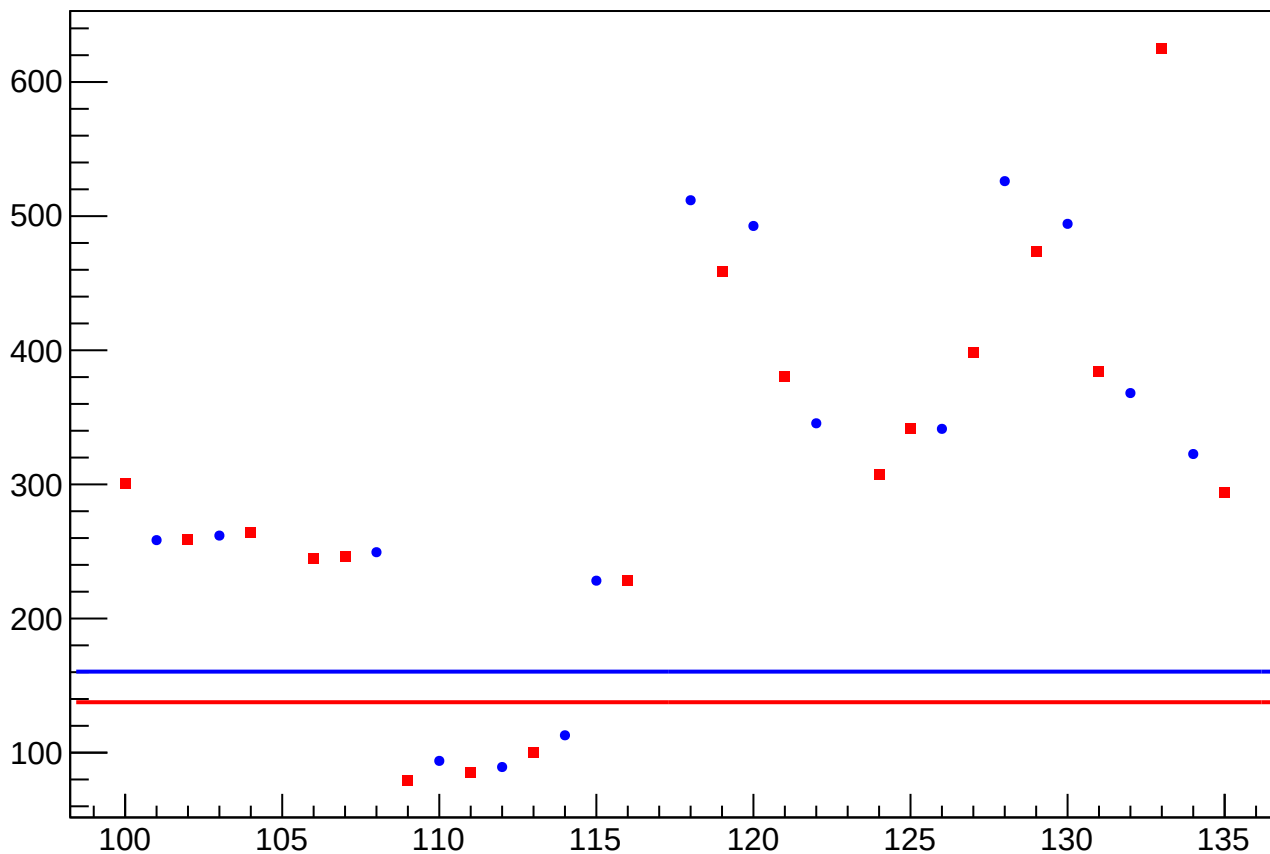
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -22.569+/-49.840 χ^2 /NDF: 25.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam8_cor_correction_rms vs Slug



Right In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.600+/-0.046 χ^2/NDF : 5020396.6/17

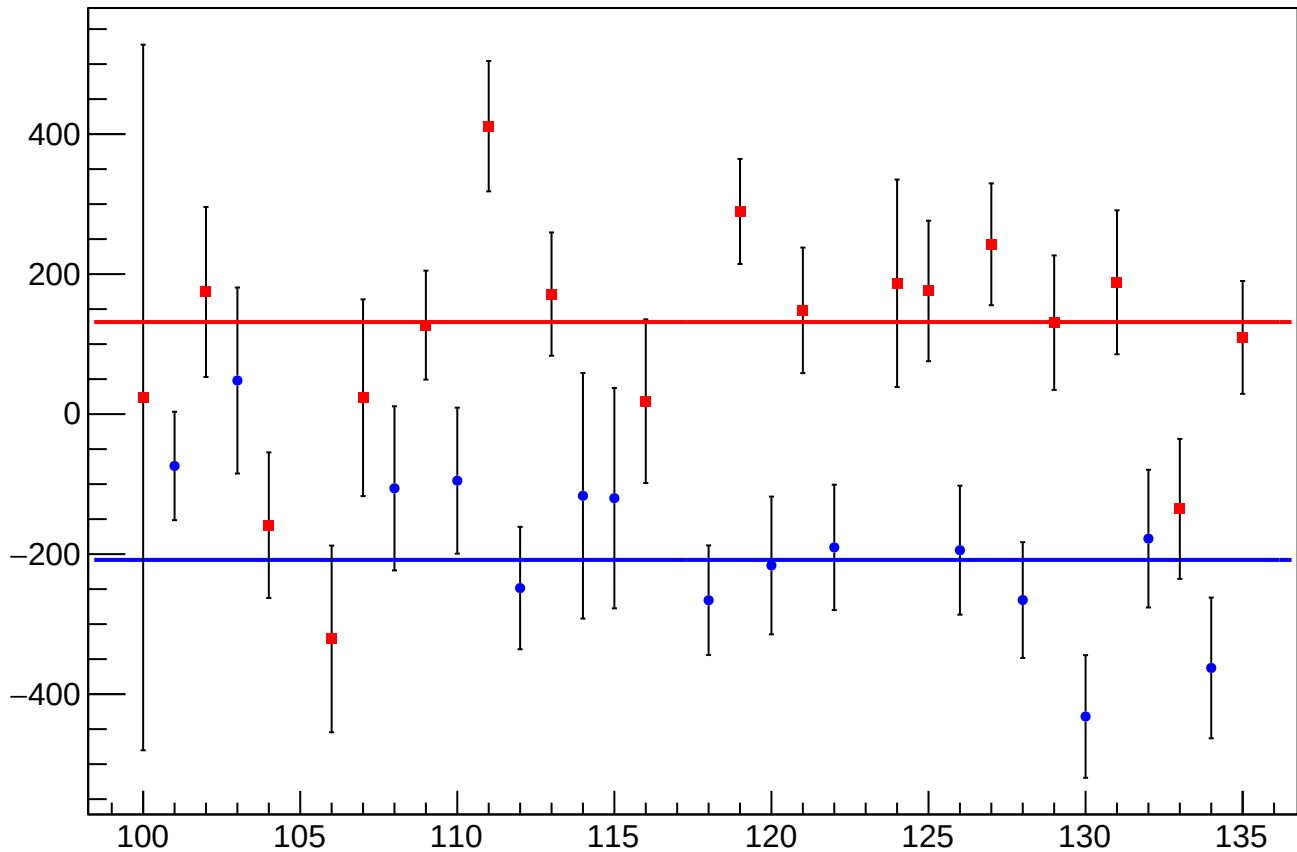
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.752+/-0.035 χ^2/NDF : 9338403.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_mean vs Slug



Right In: -208.233 ± 25.161 χ^2/NDF : 19.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 131.530 ± 23.641 χ^2/NDF : 44.2/17

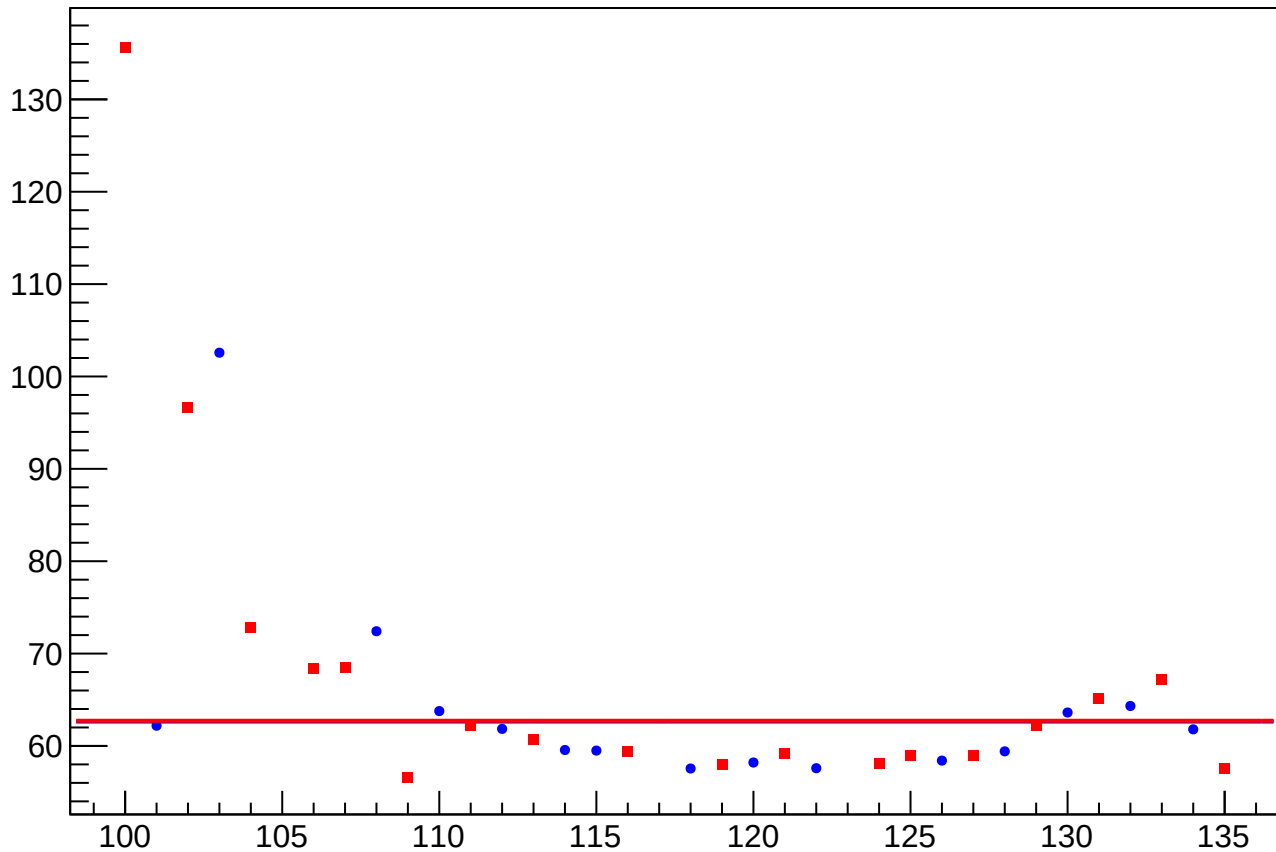
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.780 ± 17.229 χ^2/NDF : 160.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam8_rms vs Slug



Right In: 62.643+/-0.018 χ^2/NDF : 223532.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.727+/-0.017 χ^2/NDF : 270902.1/17

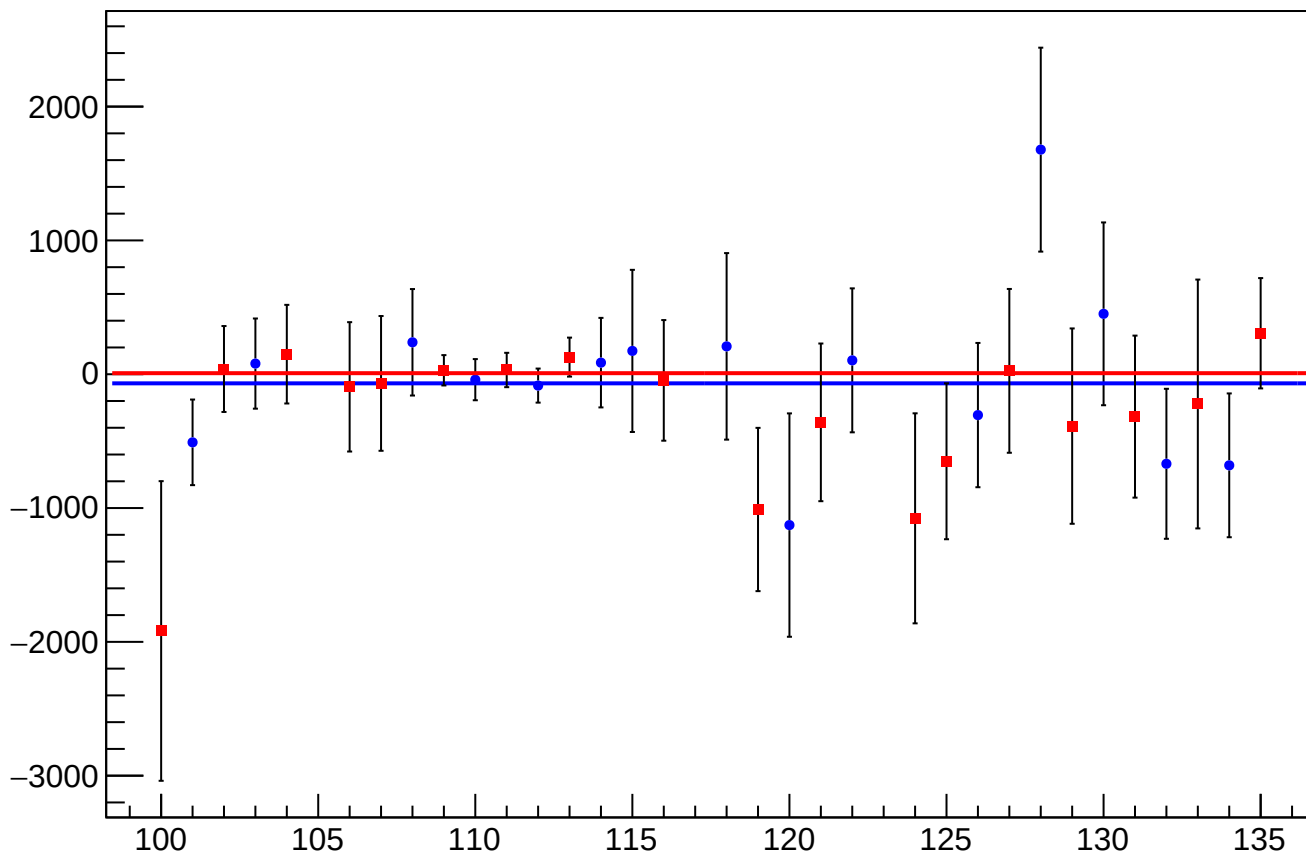
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 62.688+/-0.012 χ^2/NDF : 494446.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_mean vs Slug



Right In: -68.059 ± 78.689 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 7.905 ± 64.406 χ^2/NDF : 11.5/17

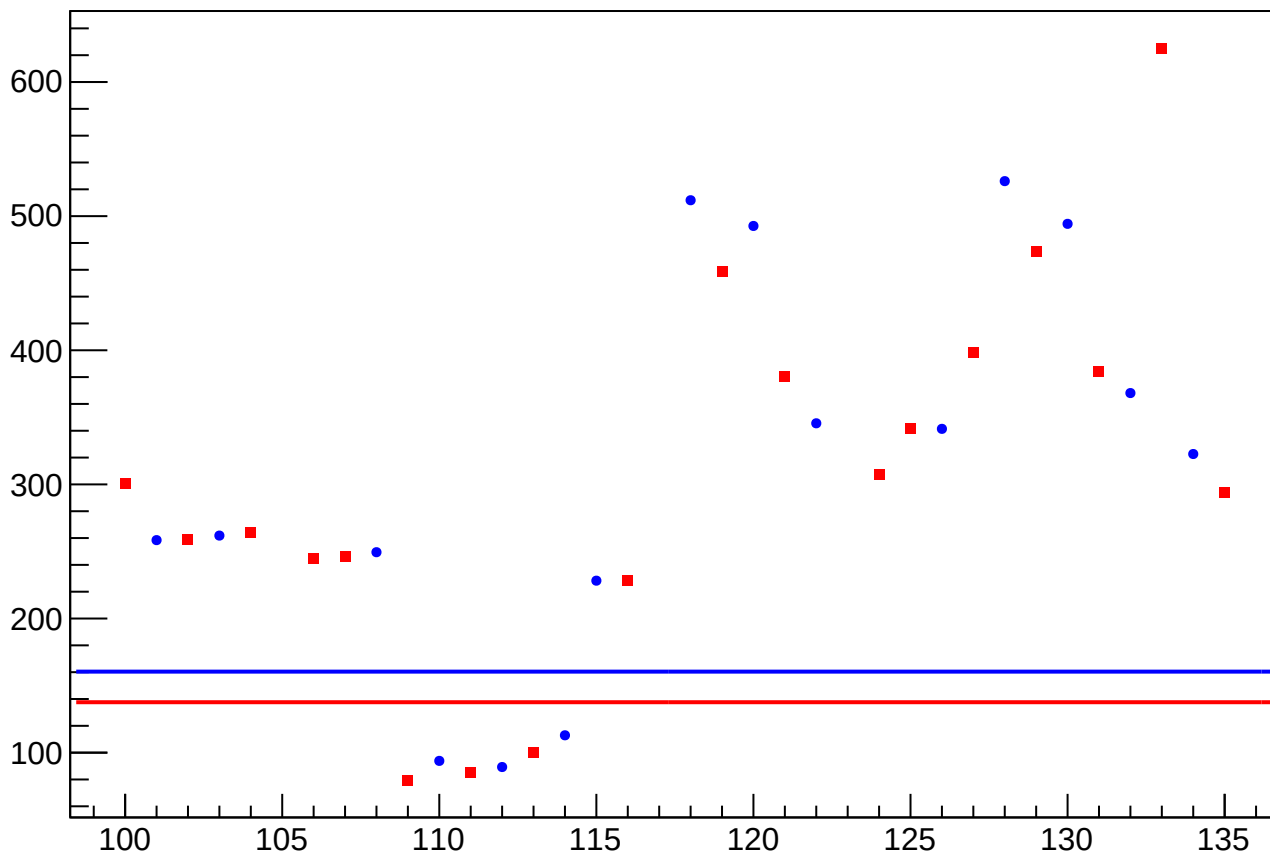
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.569 ± 49.840 χ^2/NDF : 25.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_correction_rms vs Slug



Right In: 160.414+/-0.056 χ^2/NDF : 4217334.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 137.600+/-0.046 χ^2/NDF : 5020396.6/17

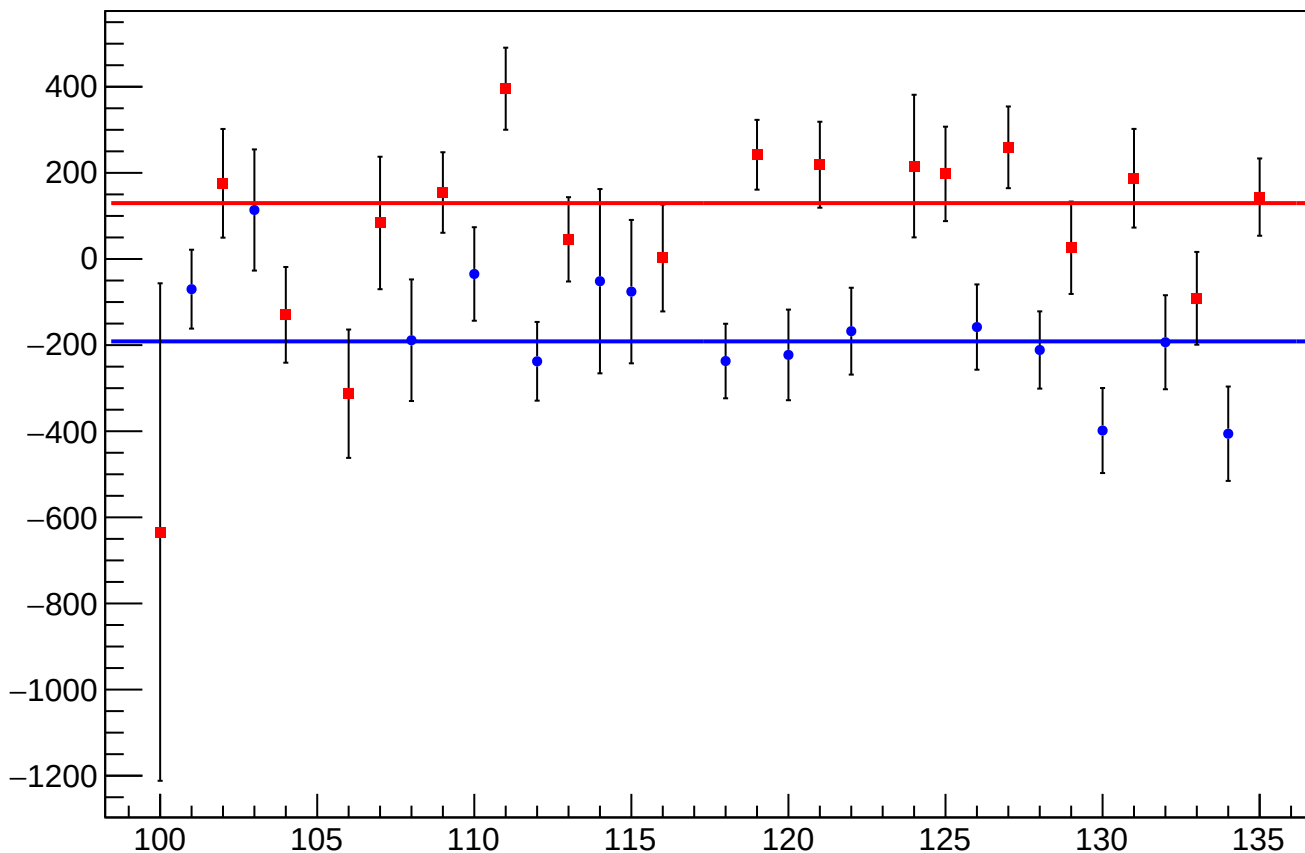
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.752+/-0.035 χ^2/NDF : 9338403.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_mean vs Slug



Right In: -191.349 ± 27.734 χ^2/NDF : 18.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 129.782 ± 25.956 χ^2/NDF : 36.5/17

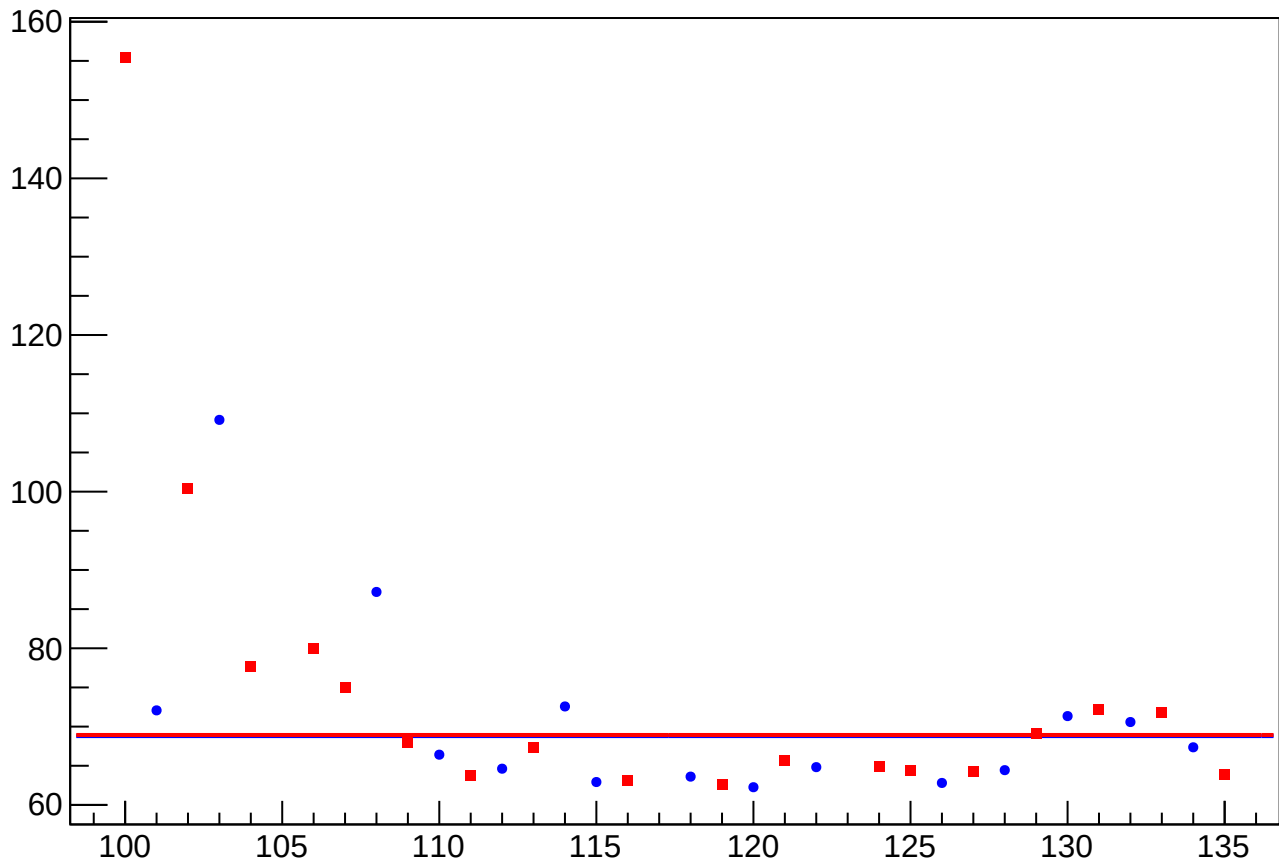
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.159 ± 18.951 χ^2/NDF : 126.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam8_rms vs Slug



Right In: 68.788 $\pm$ 0.020 χ^2 /NDF: 241577.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 68.932 $\pm$ 0.018 χ^2 /NDF: 240359.2/17

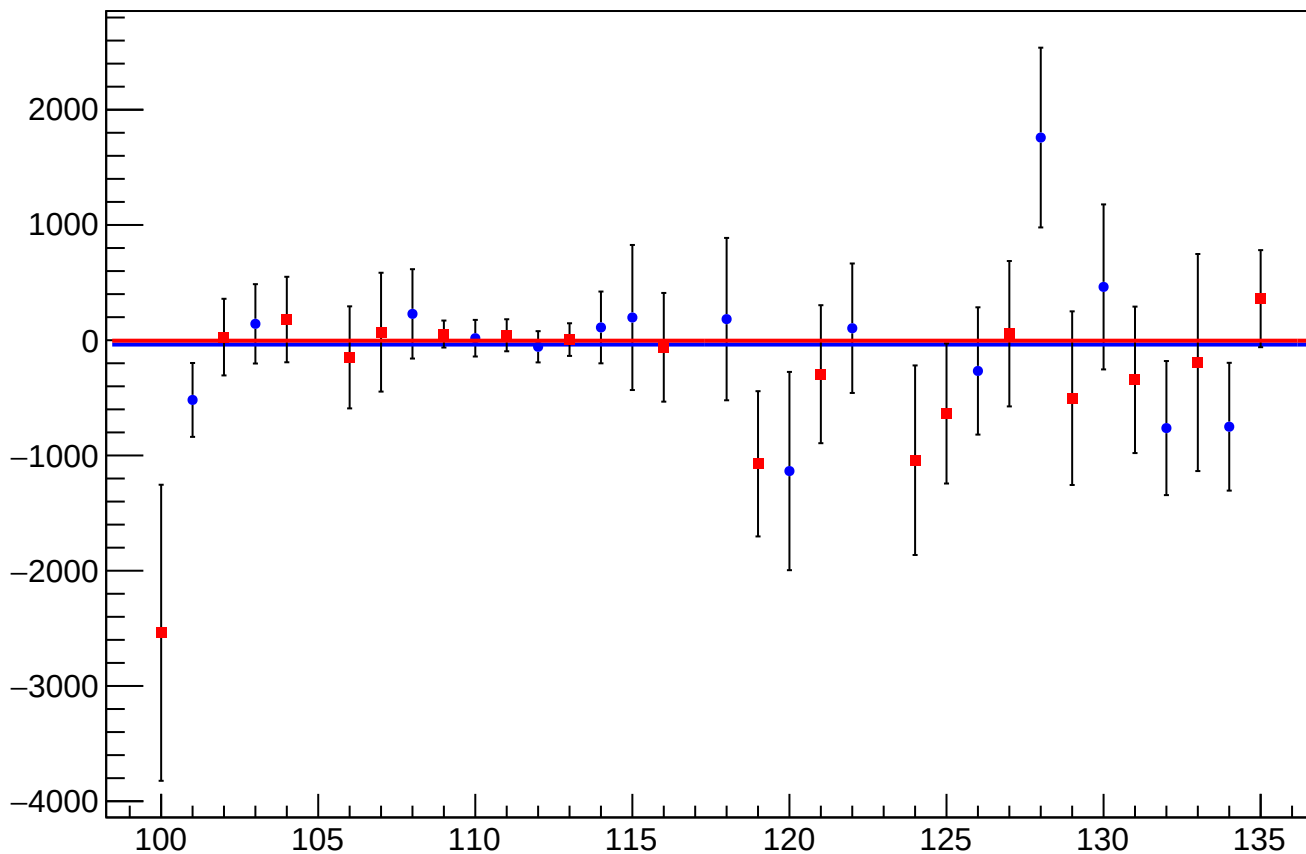
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 68.865 $\pm$ 0.013 χ^2 /NDF: 481965.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_mean vs Slug



Right In: -37.634 $\pm$ 81.292 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -4.051 $\pm$ 66.249 χ^2 /NDF: 12.0/17

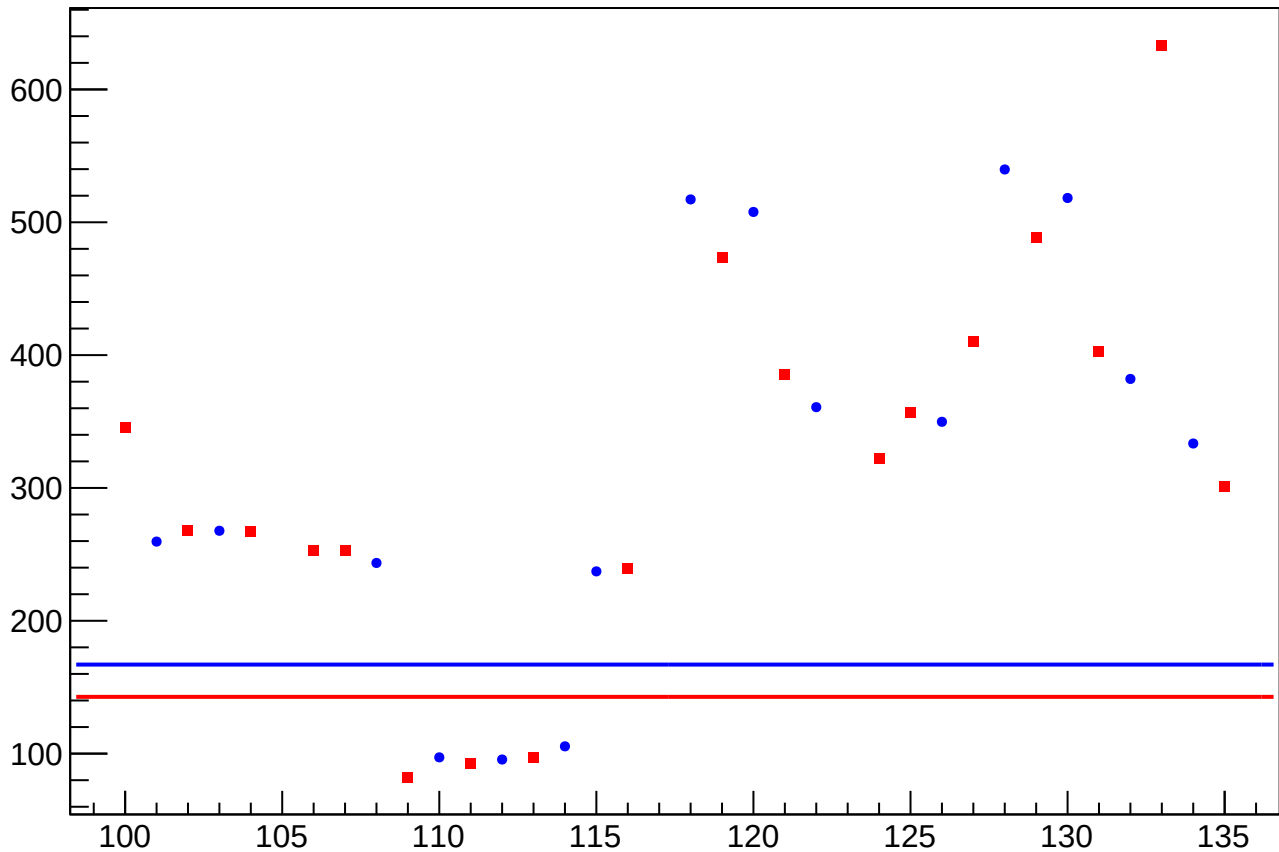
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.454 $\pm$ 51.355 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_correction_rms vs Slug



Right In: 167.038 $\pm$ 0.057 χ^2 /NDF: 4118540.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 142.739 $\pm$ 0.047 χ^2 /NDF: 5027004.1/17

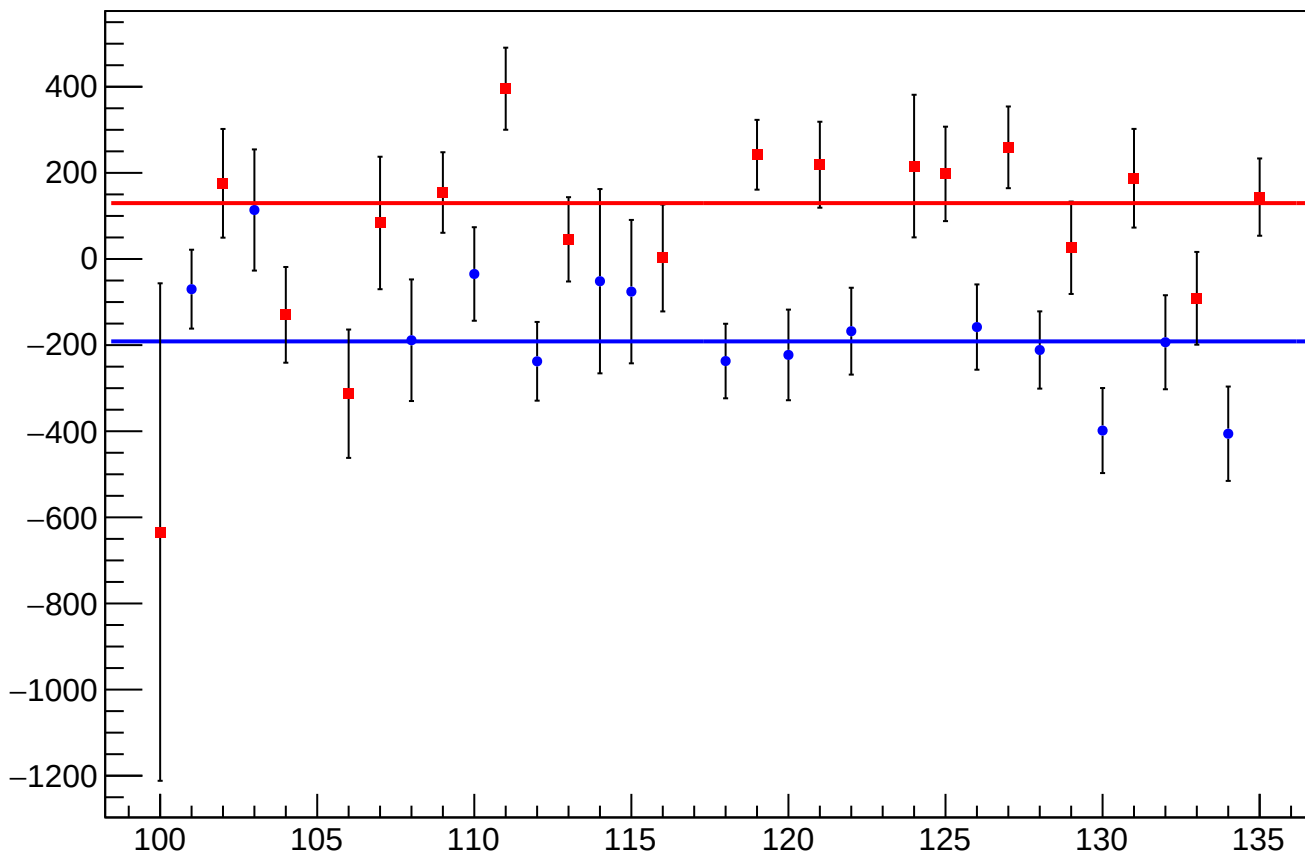
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.436 $\pm$ 0.036 χ^2 /NDF: 9252921.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam8_mean vs Slug



Right In: -191.350 ± 27.734 χ^2/NDF : 18.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 129.783 ± 25.956 χ^2/NDF : 36.5/17

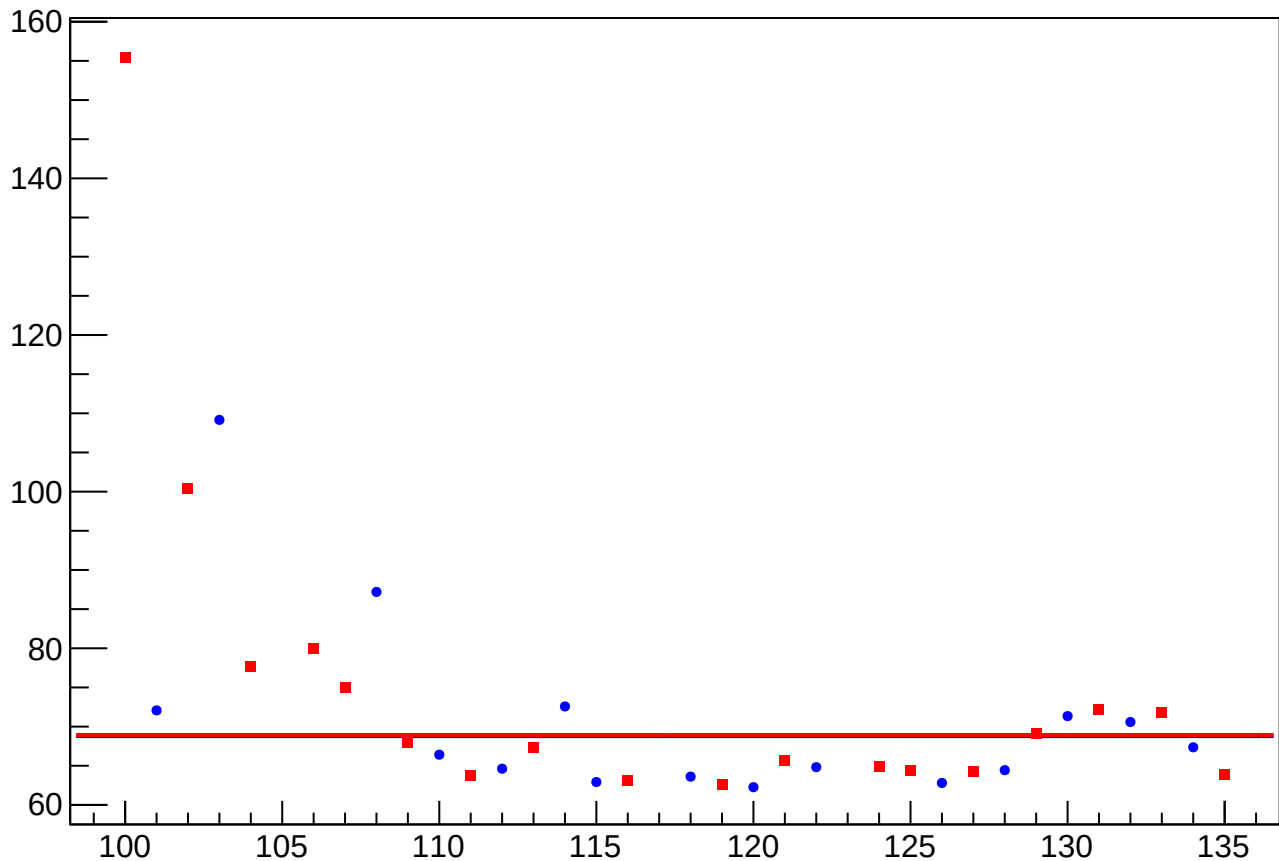
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.158 ± 18.951 χ^2/NDF : 126.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam8_rms vs Slug



Right In: 68.788+/-0.020 χ^2/NDF : 241577.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 68.932+/-0.018 χ^2/NDF : 240361.1/17

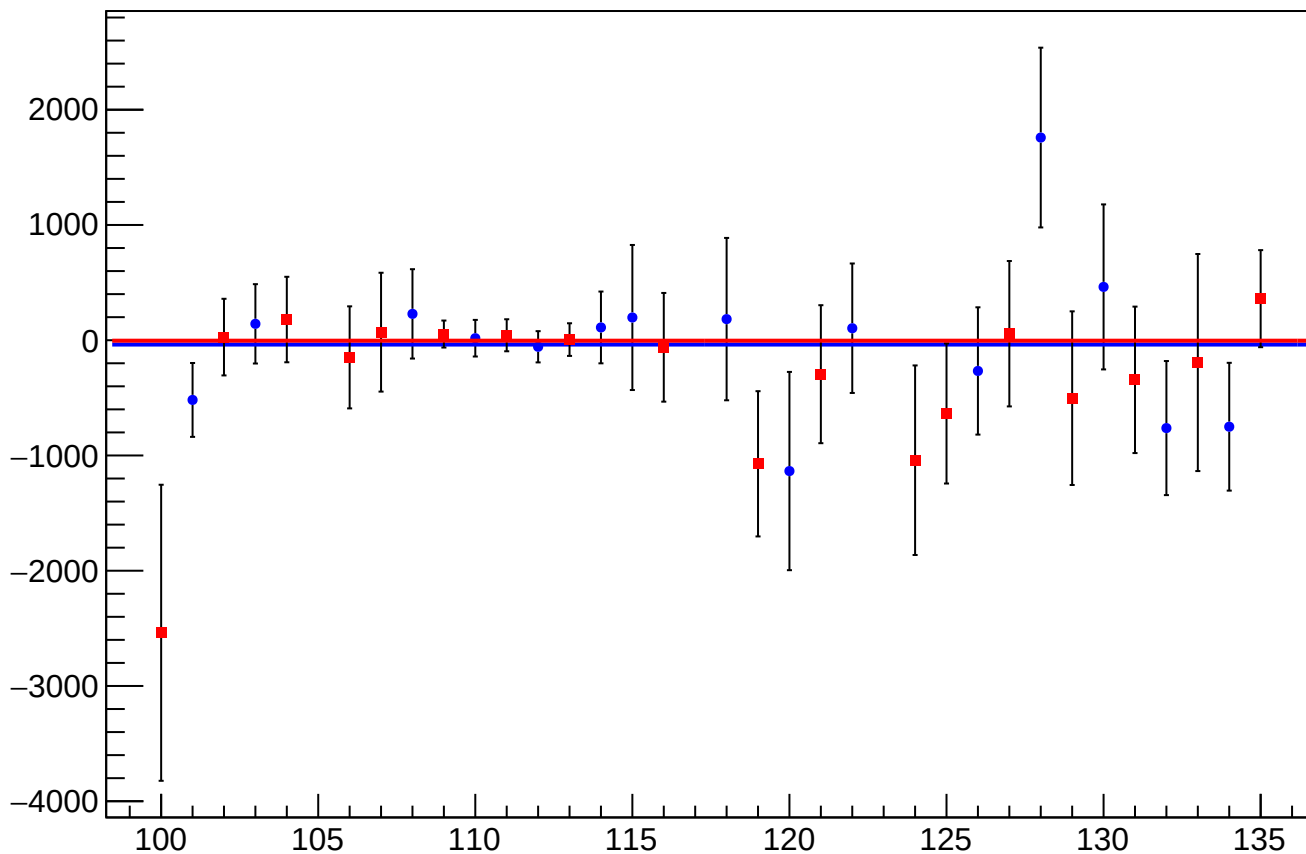
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 68.864+/-0.013 χ^2/NDF : 481967.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_correction_mean vs Slug



Right In: -37.634 $\pm$ 81.292 χ^2 /NDF: 14.5/14

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

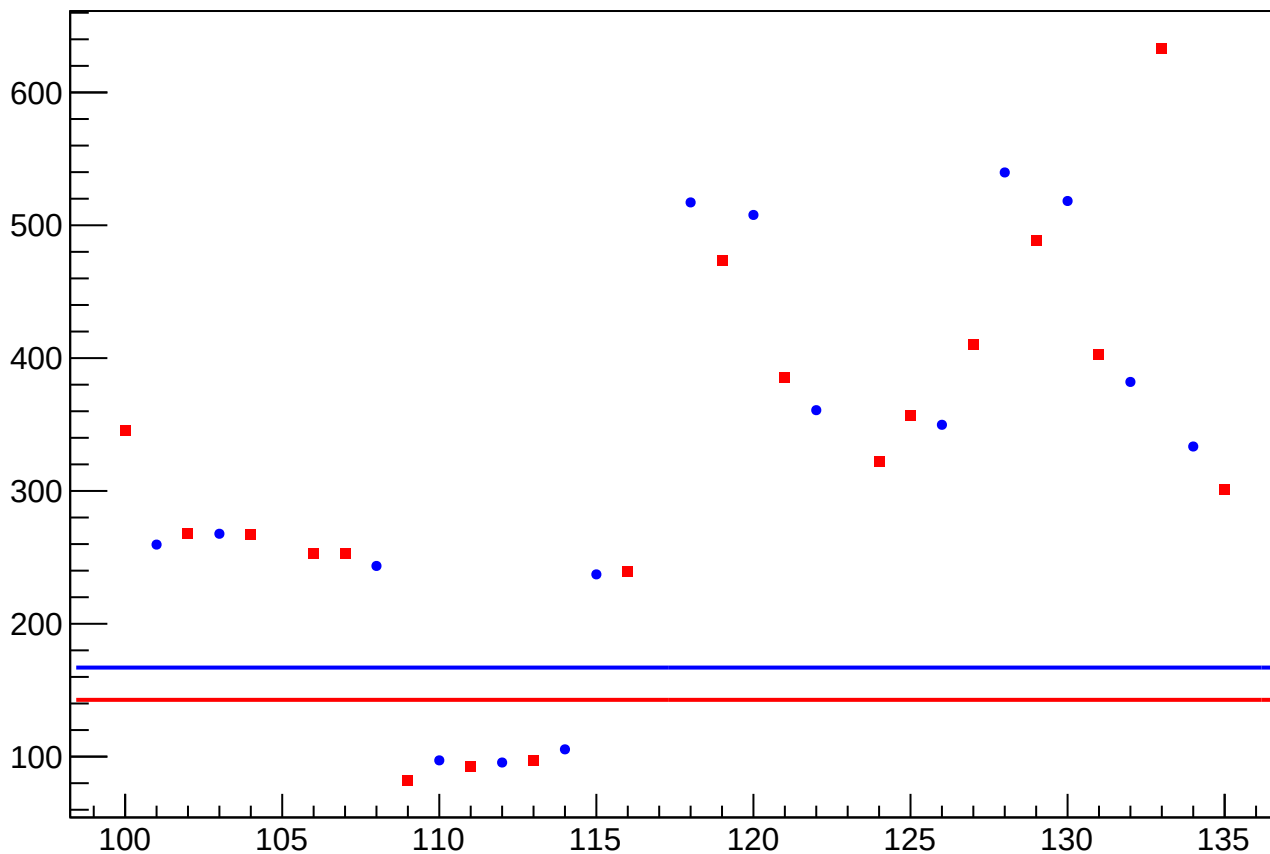
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.453 $\pm$ 51.355 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_correction_rms vs Slug



Right In: 167.036+/-0.057 χ^2/NDF : 4118557.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 142.739+/-0.047 χ^2/NDF : 5026984.4/17

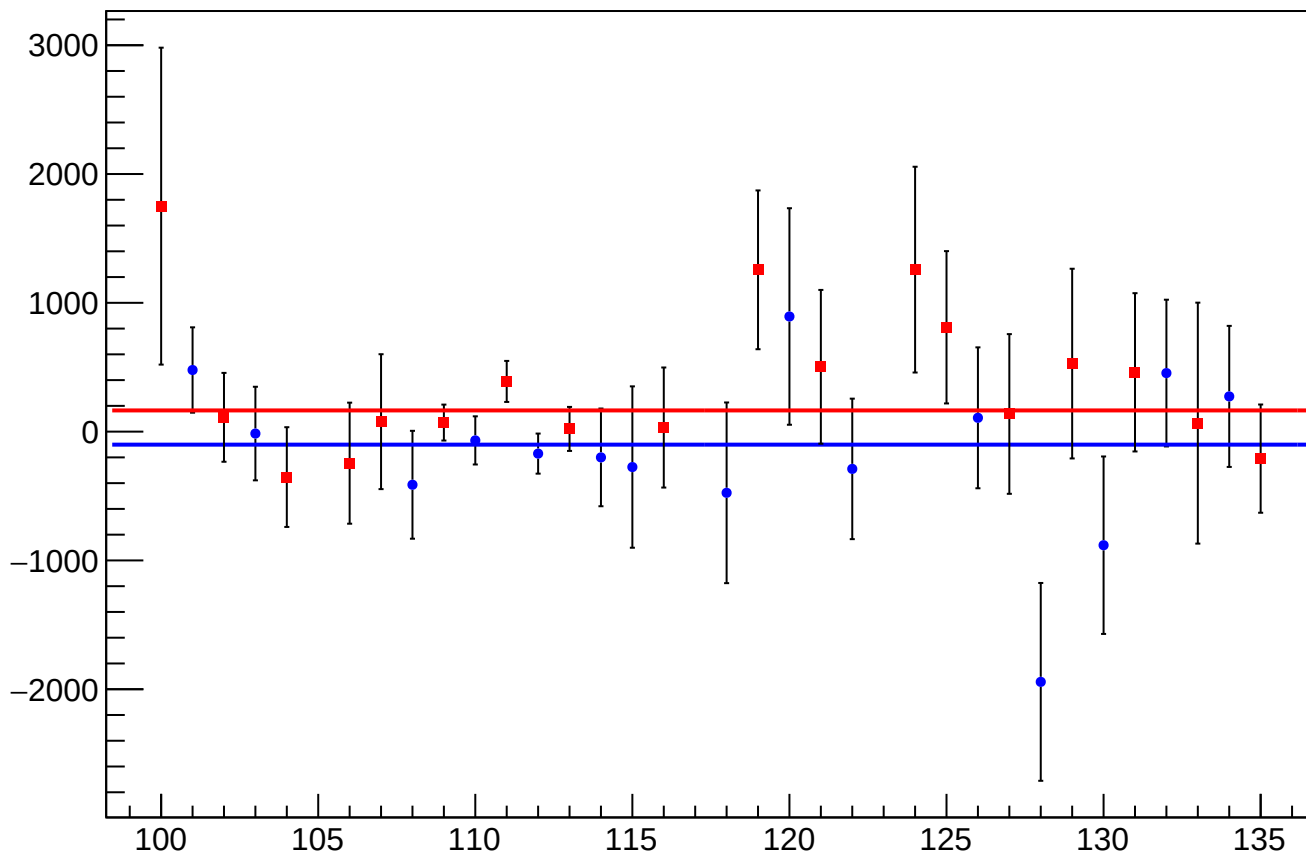
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 152.436+/-0.036 χ^2/NDF : 9252911.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_mean vs Slug



Right In: -101.102 $\pm$ 90.471 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 164.602 $\pm$ 75.088 χ^2 /NDF: 15.3/17

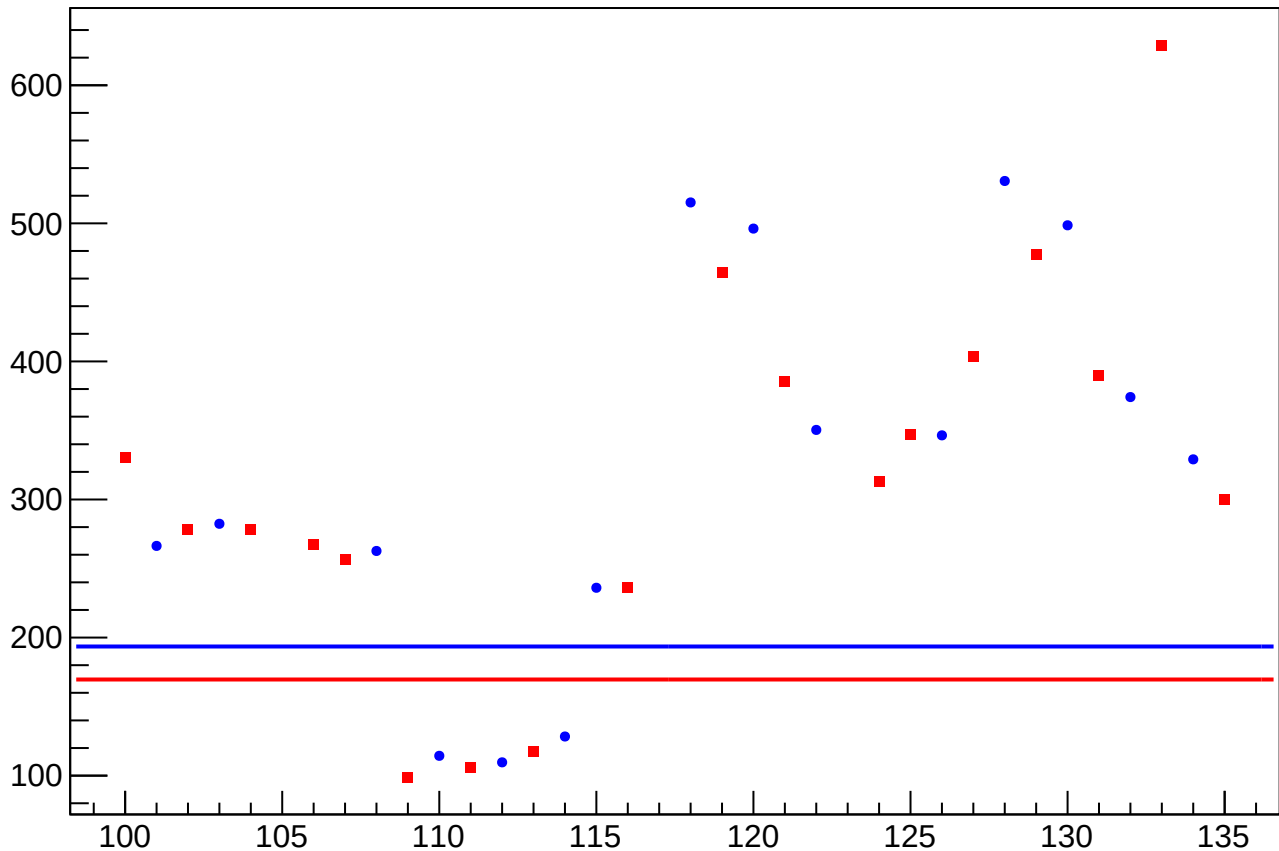
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 56.226 $\pm$ 57.780 χ^2 /NDF: 34.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_rms vs Slug



Right In: 193.535+/-0.064 χ^2/NDF : 3382262.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 169.633+/-0.053 χ^2/NDF : 4121230.0/17

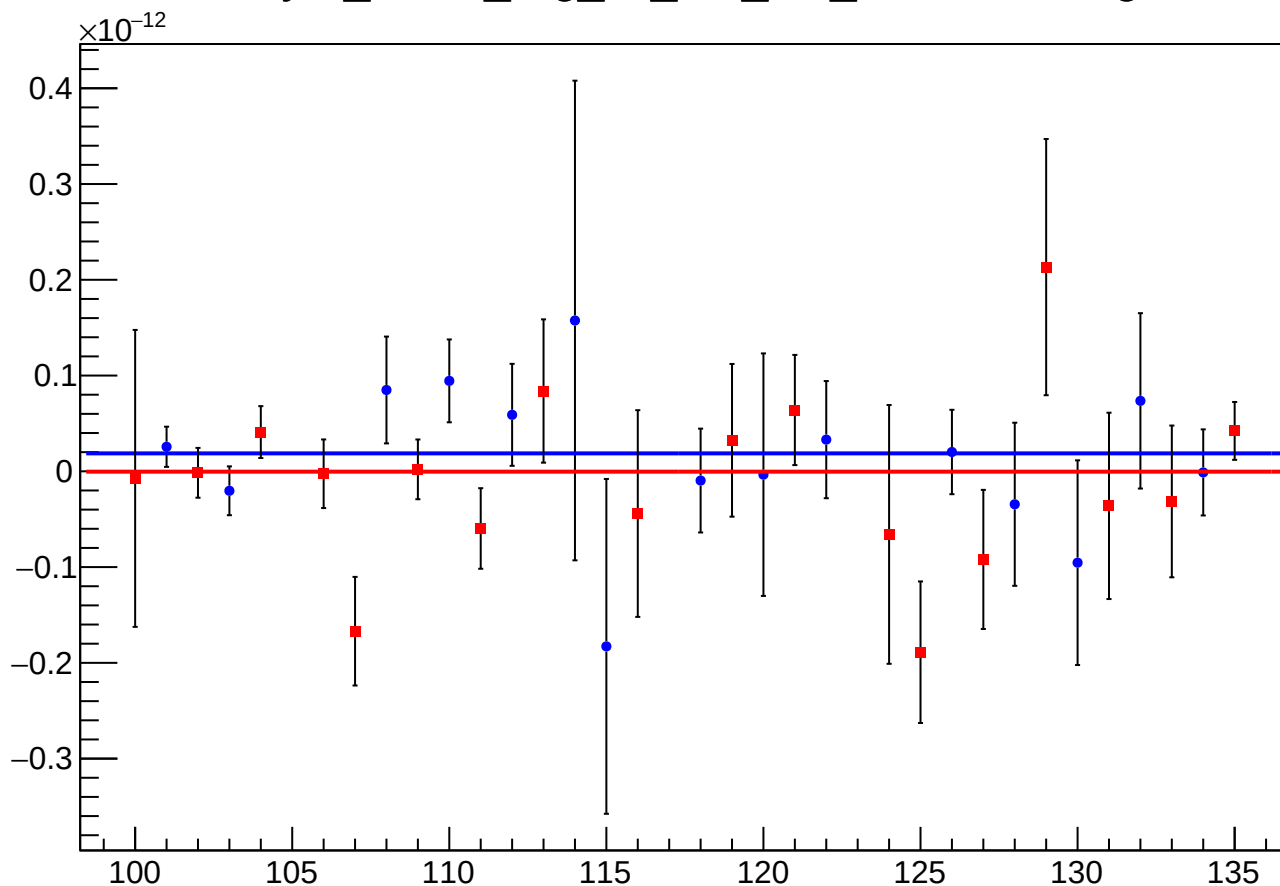
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 179.382+/-0.041 χ^2/NDF : 7586147.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 11.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 29.0/17

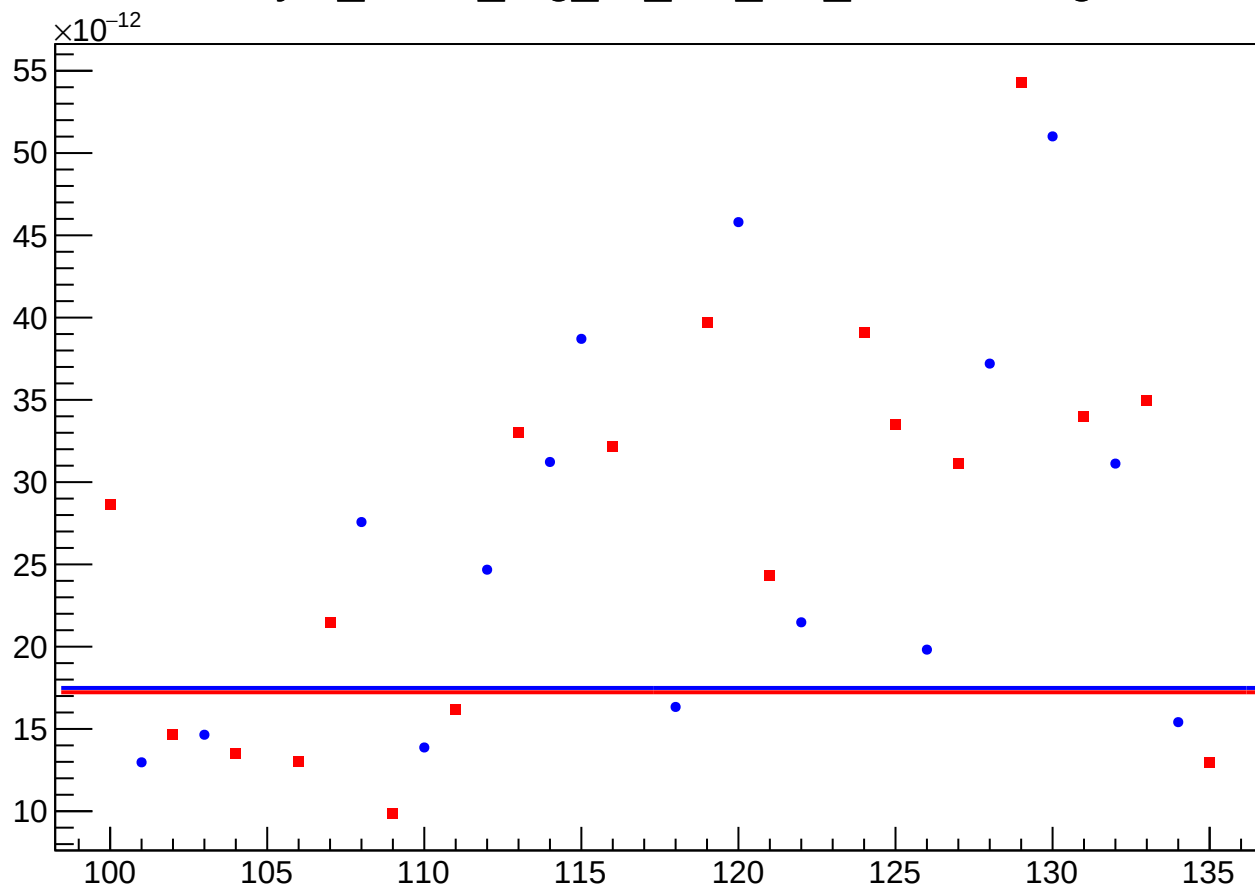
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 41.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 736491.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1113935.0/17

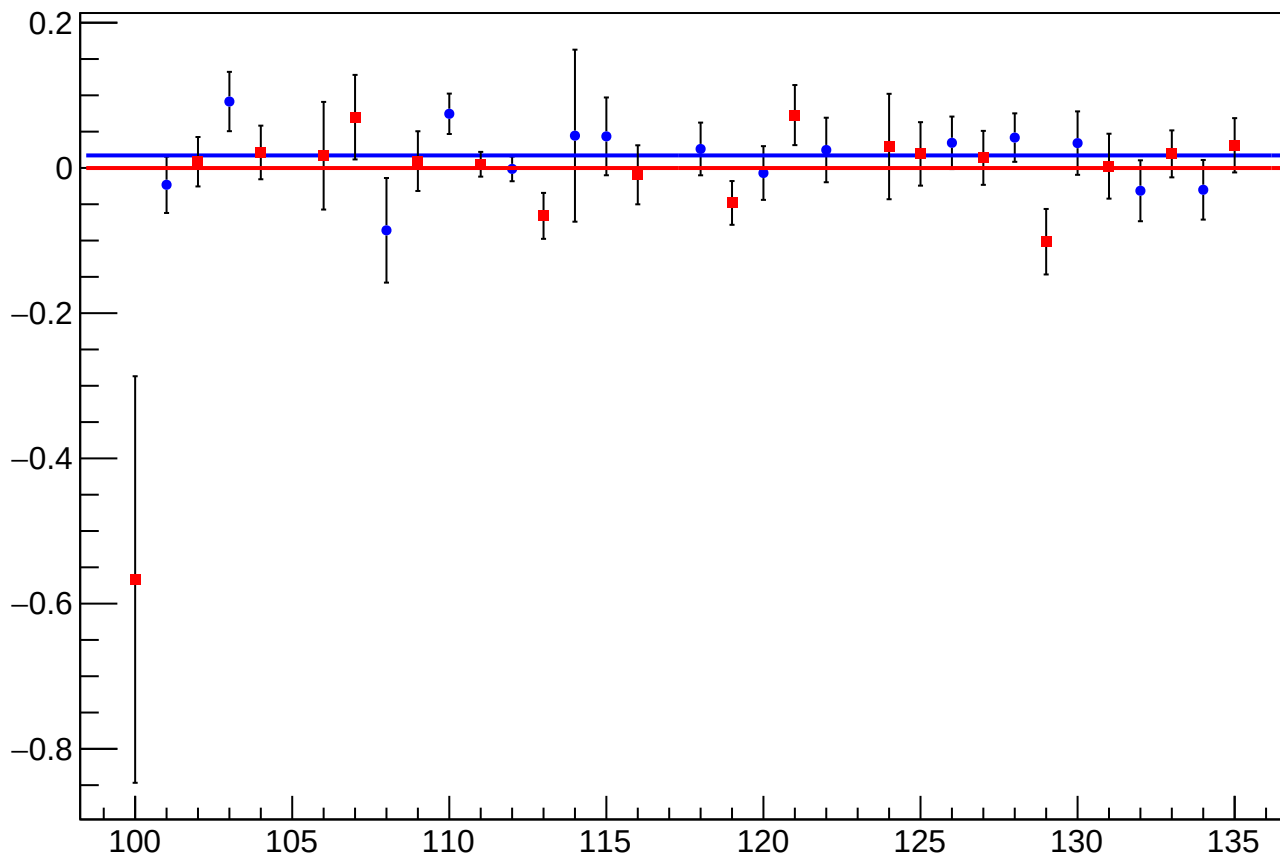
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1850953.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

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

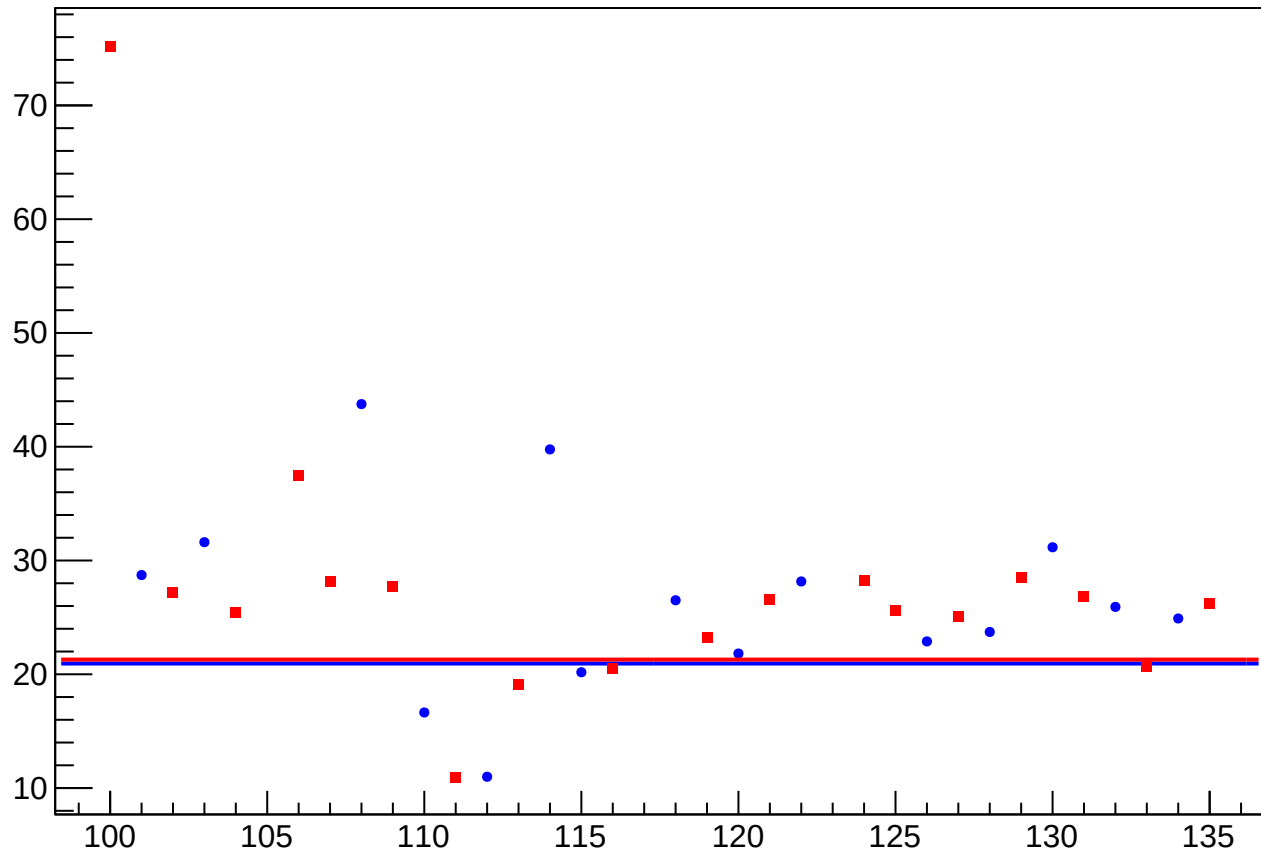
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 41.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_cor_diff_rms vs Slug



Right In: 20.945+/-0.006 χ^2/NDF : 1478847.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.293+/-0.006 χ^2/NDF : 1300556.6/17

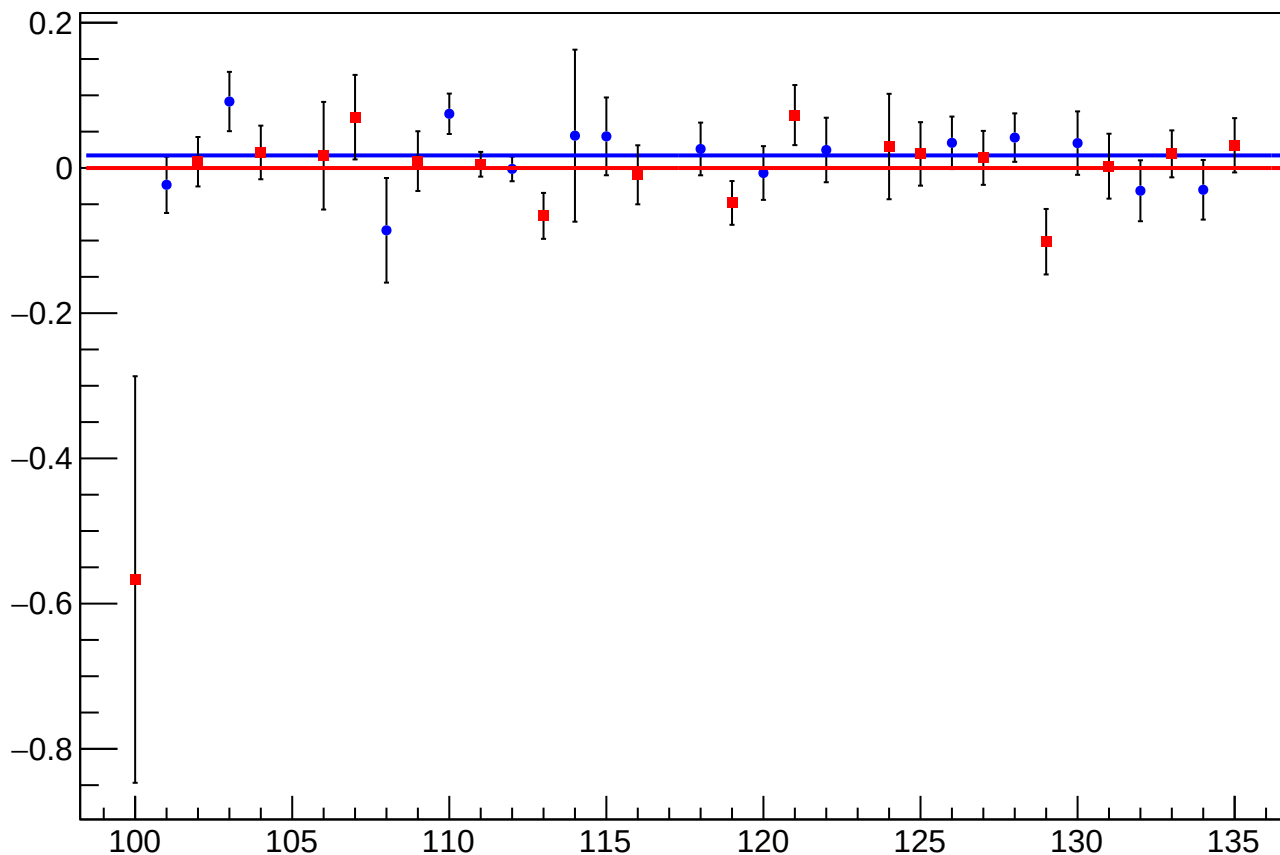
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.129+/-0.004 χ^2/NDF : 2780941.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

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

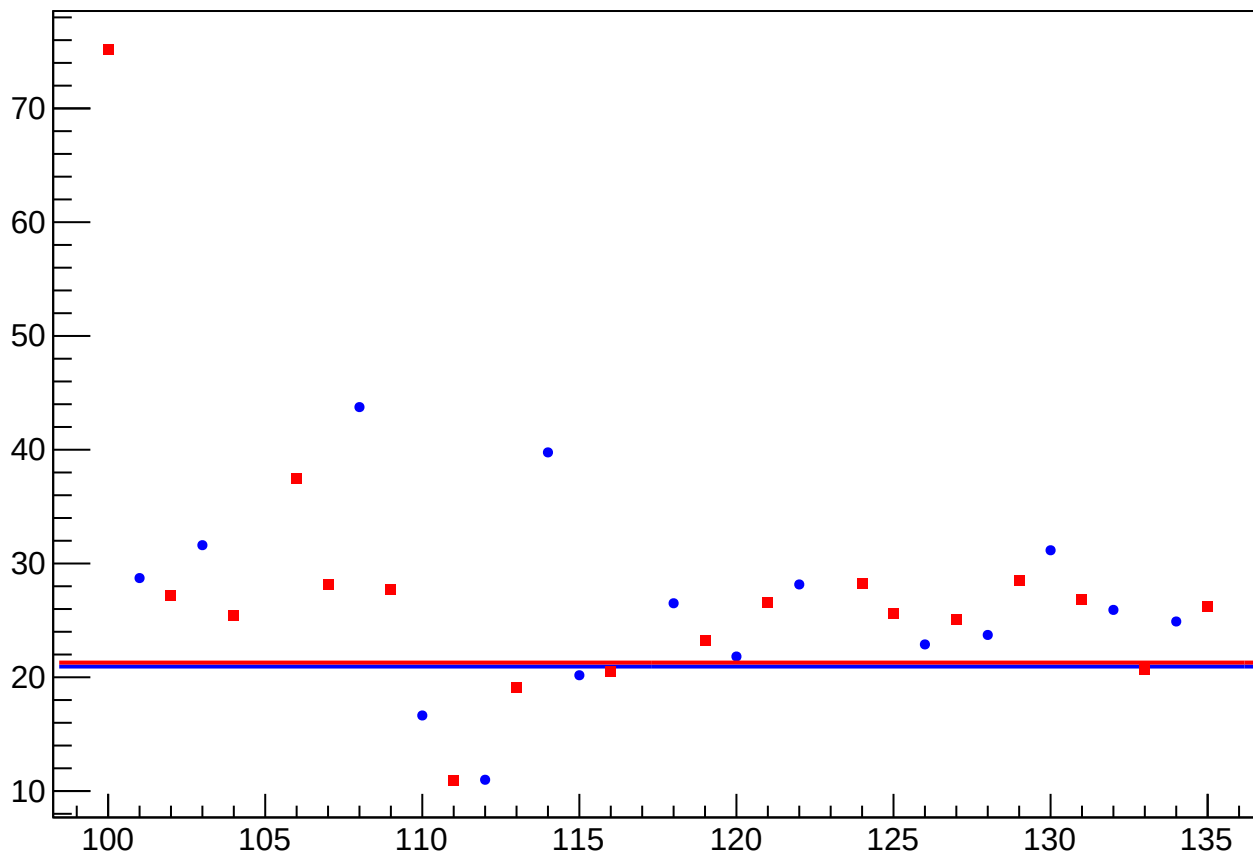
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 41.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.945+/-0.006 χ^2/NDF : 1478847.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.293+/-0.006 χ^2/NDF : 1300556.6/17

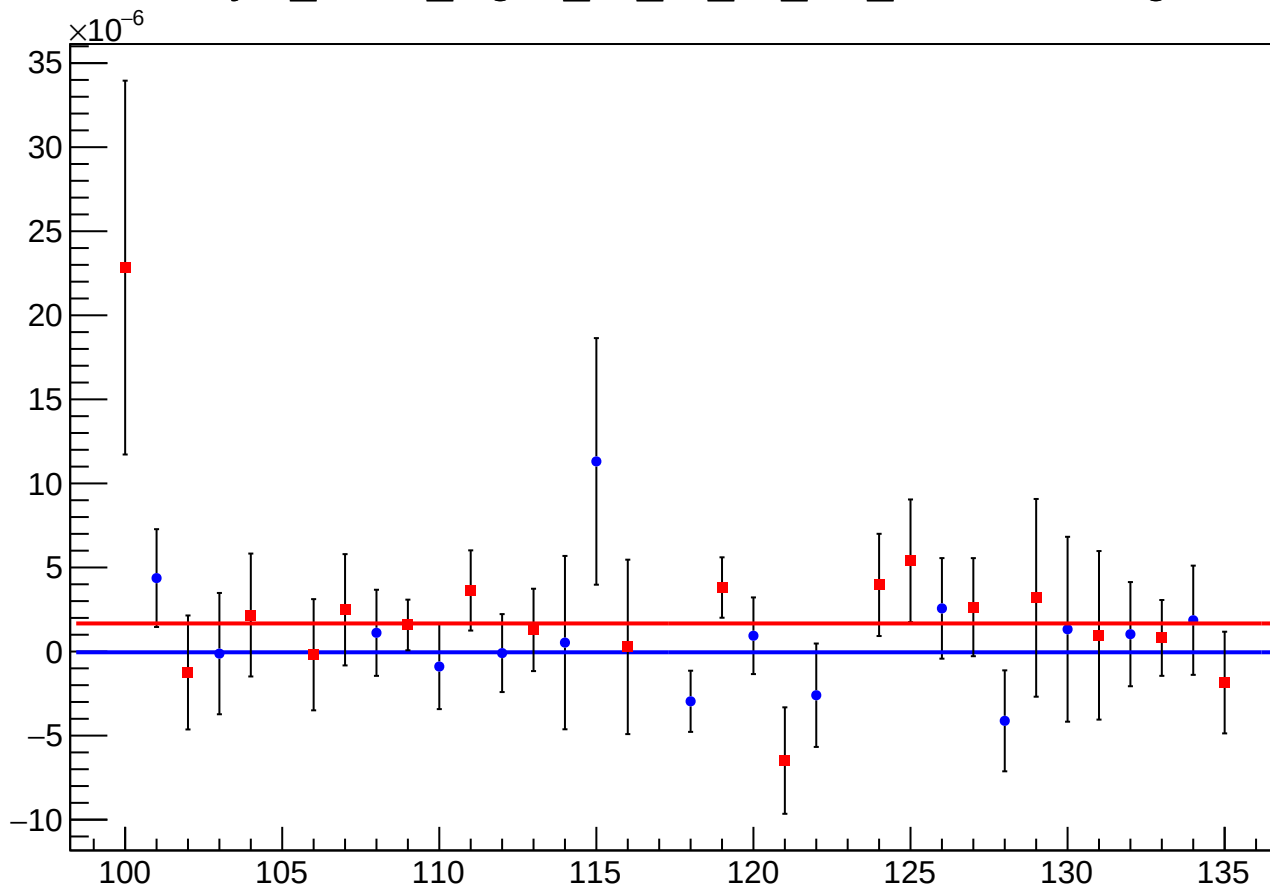
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.129+/-0.004 χ^2/NDF : 2780941.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 11.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 16.9/17

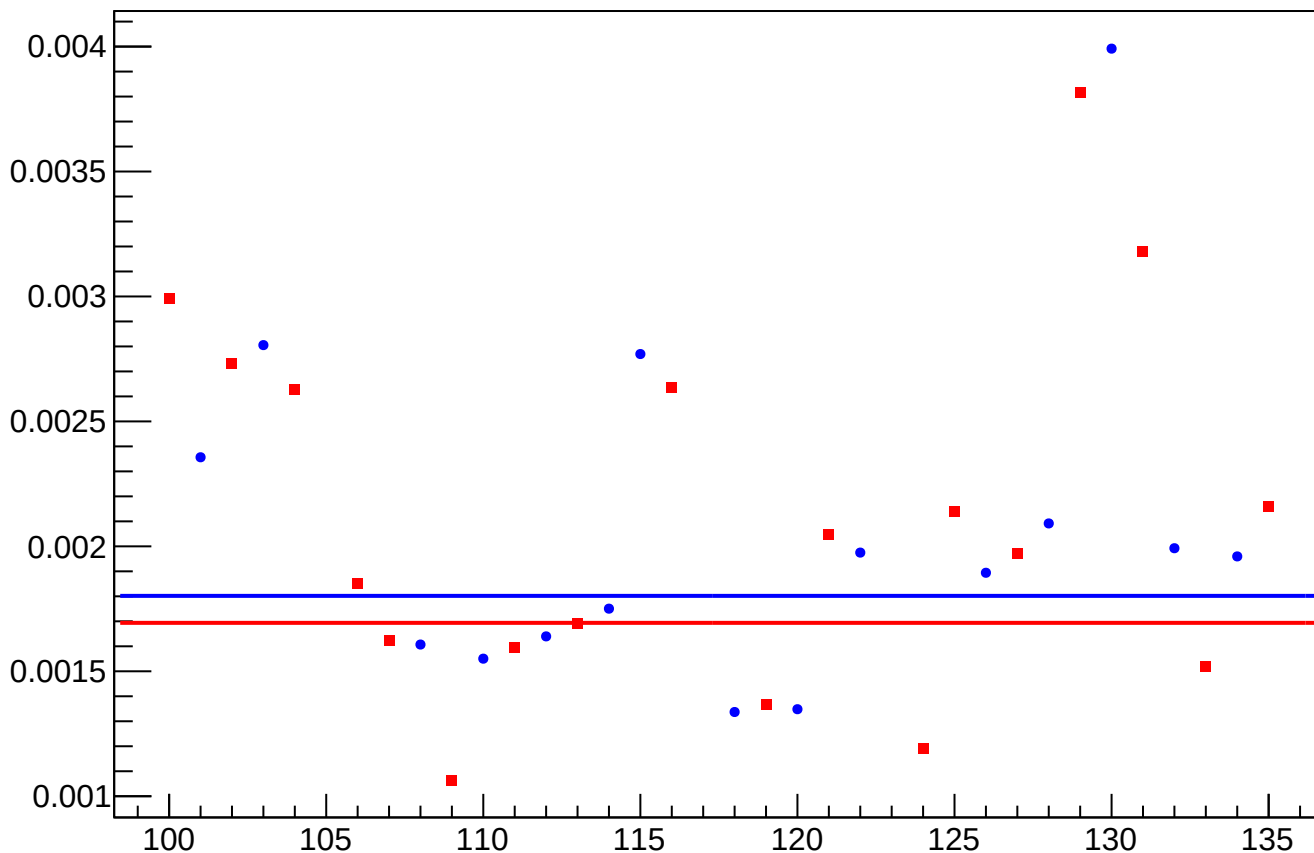
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 869596.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 1460036.8/17

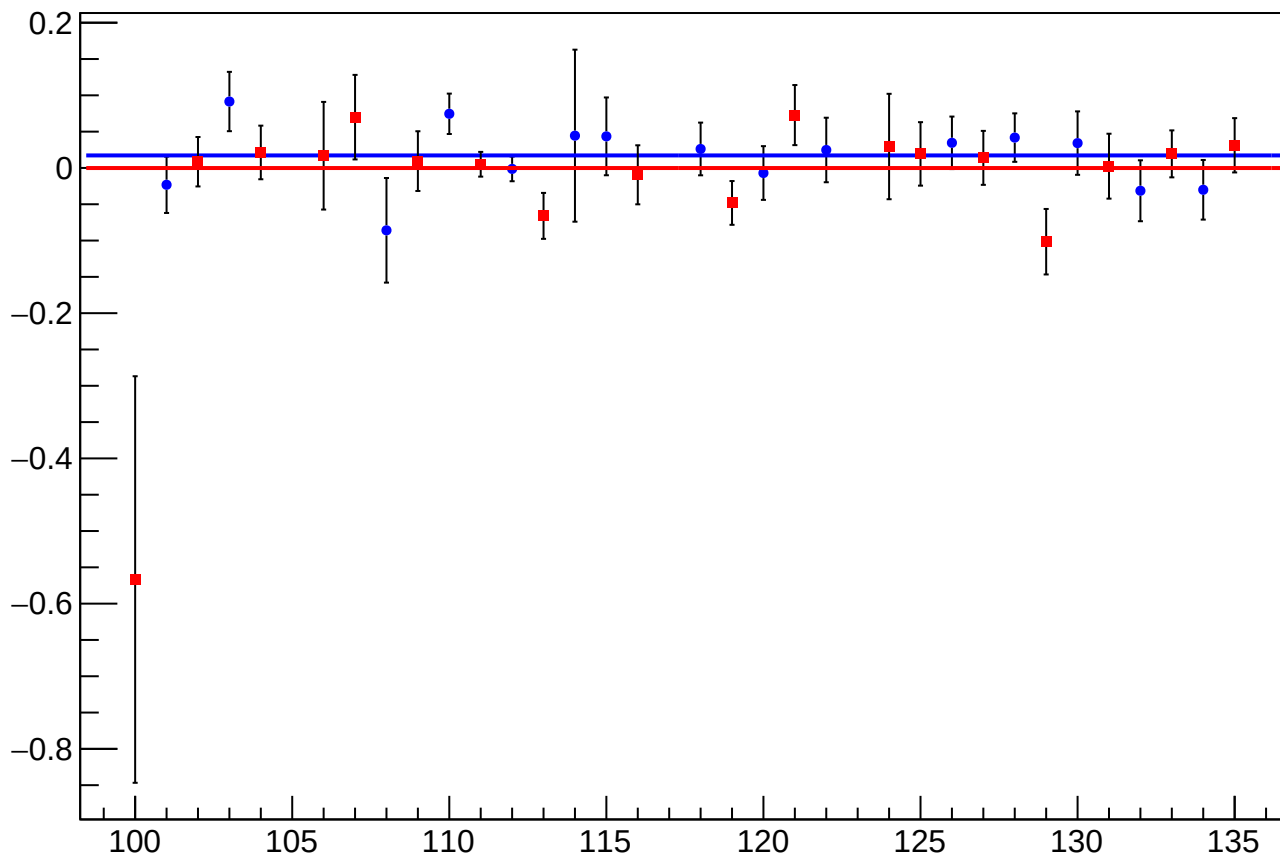
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 2353000.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

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

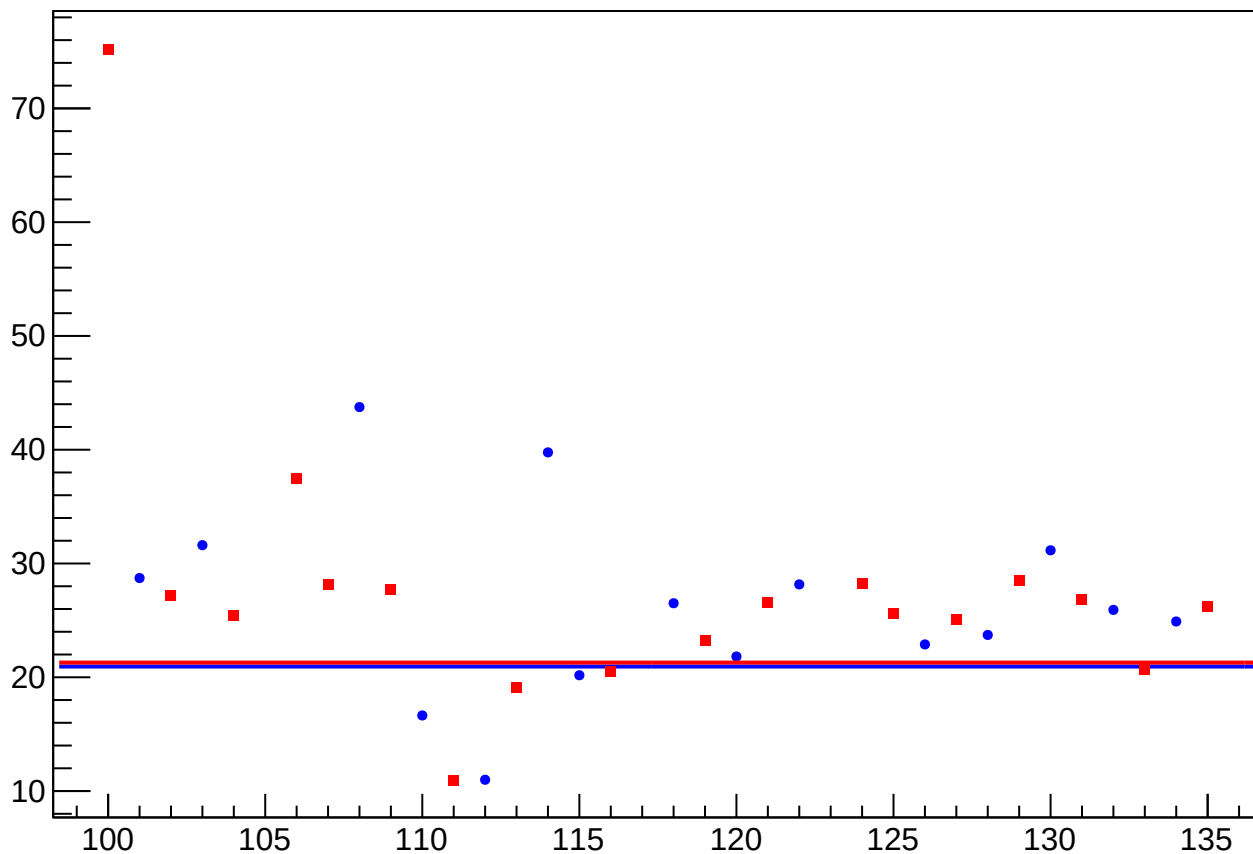
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 41.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 20.944+/-0.006 χ^2/NDF : 1478974.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.292+/-0.006 χ^2/NDF : 1300674.2/17

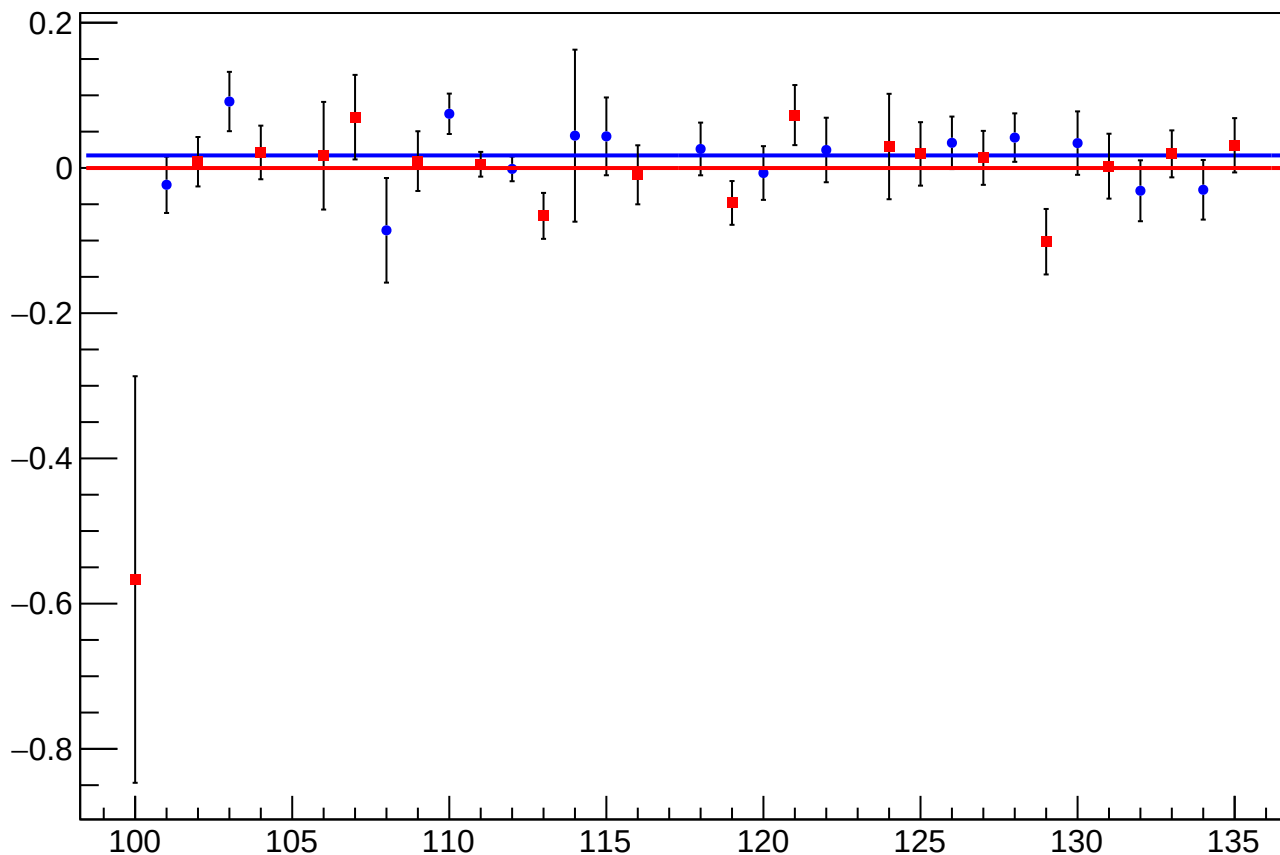
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.128+/-0.004 χ^2/NDF : 2781187.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.017 $\pm$ 0.009 χ^2 /NDF: 16.3/14

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

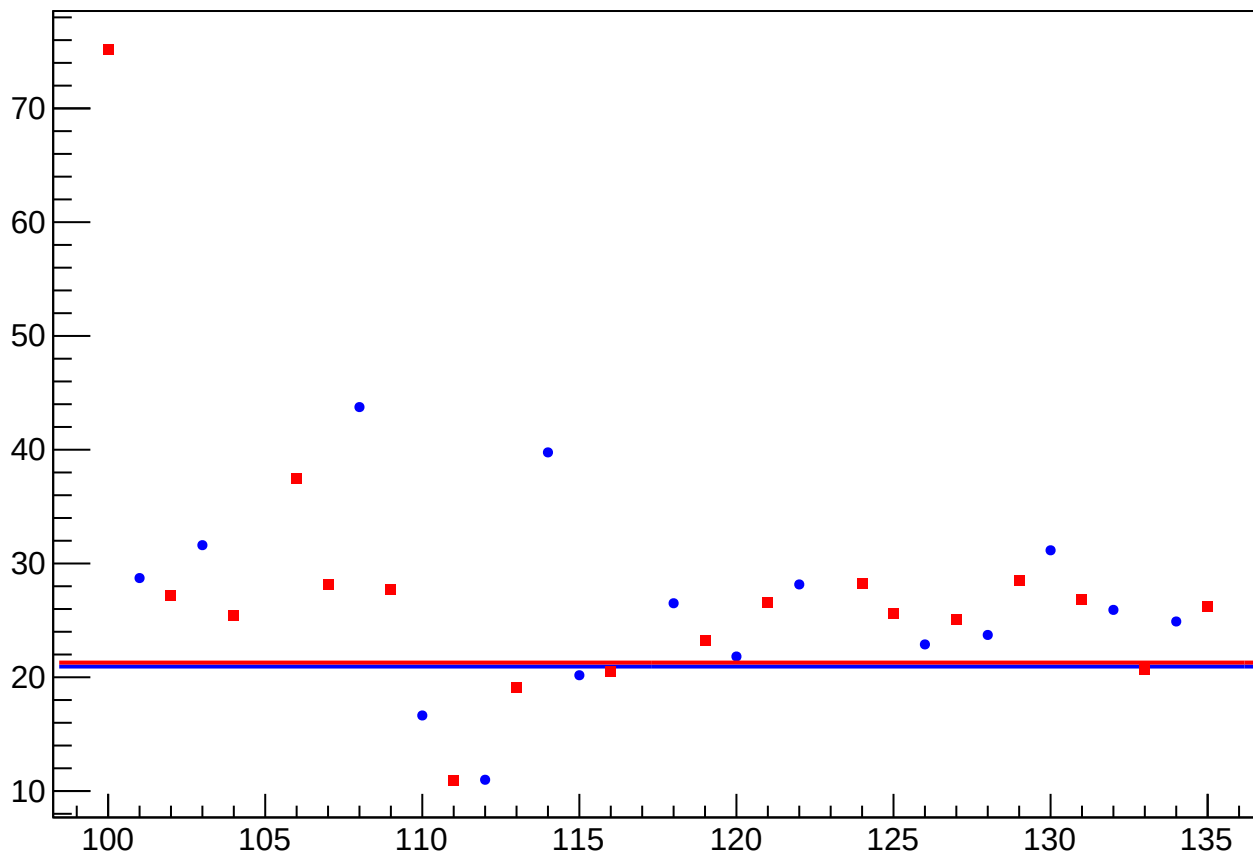
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.006 χ^2 /NDF: 41.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam8_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 20.944+/-0.006 χ^2/NDF : 1478974.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.292+/-0.006 χ^2/NDF : 1300674.2/17

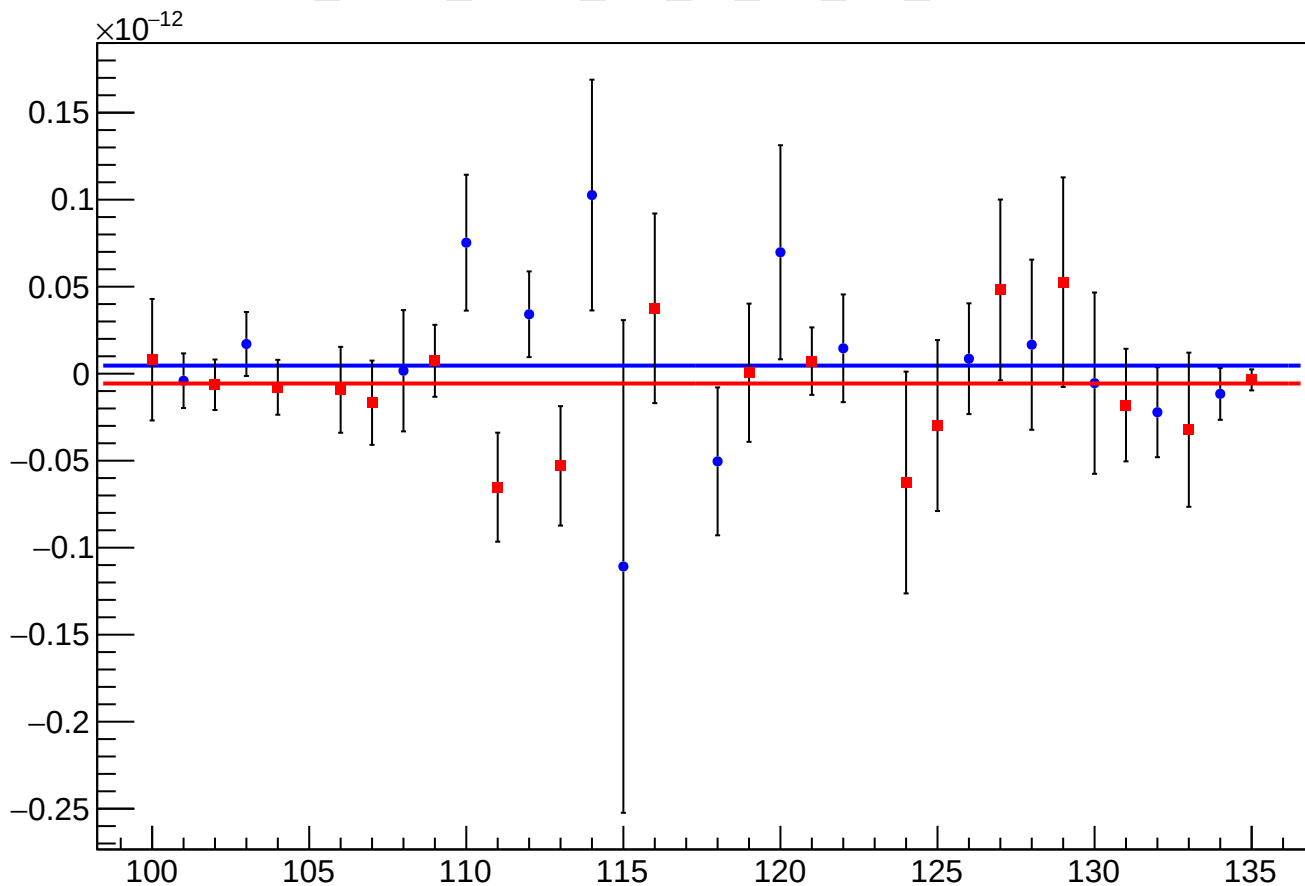
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.128+/-0.004 χ^2/NDF : 2781187.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.1/17

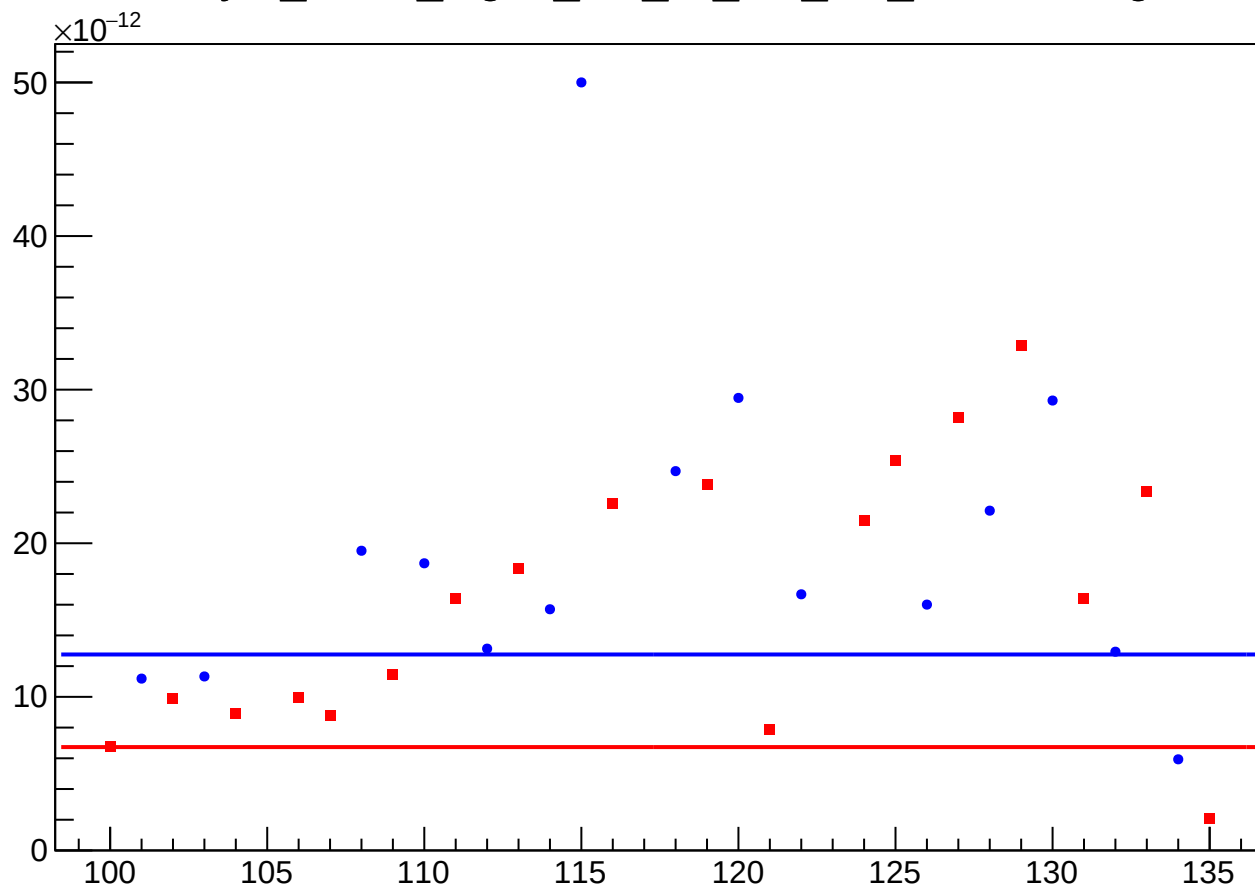
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 26.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam8_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1347223.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4003247.2/17

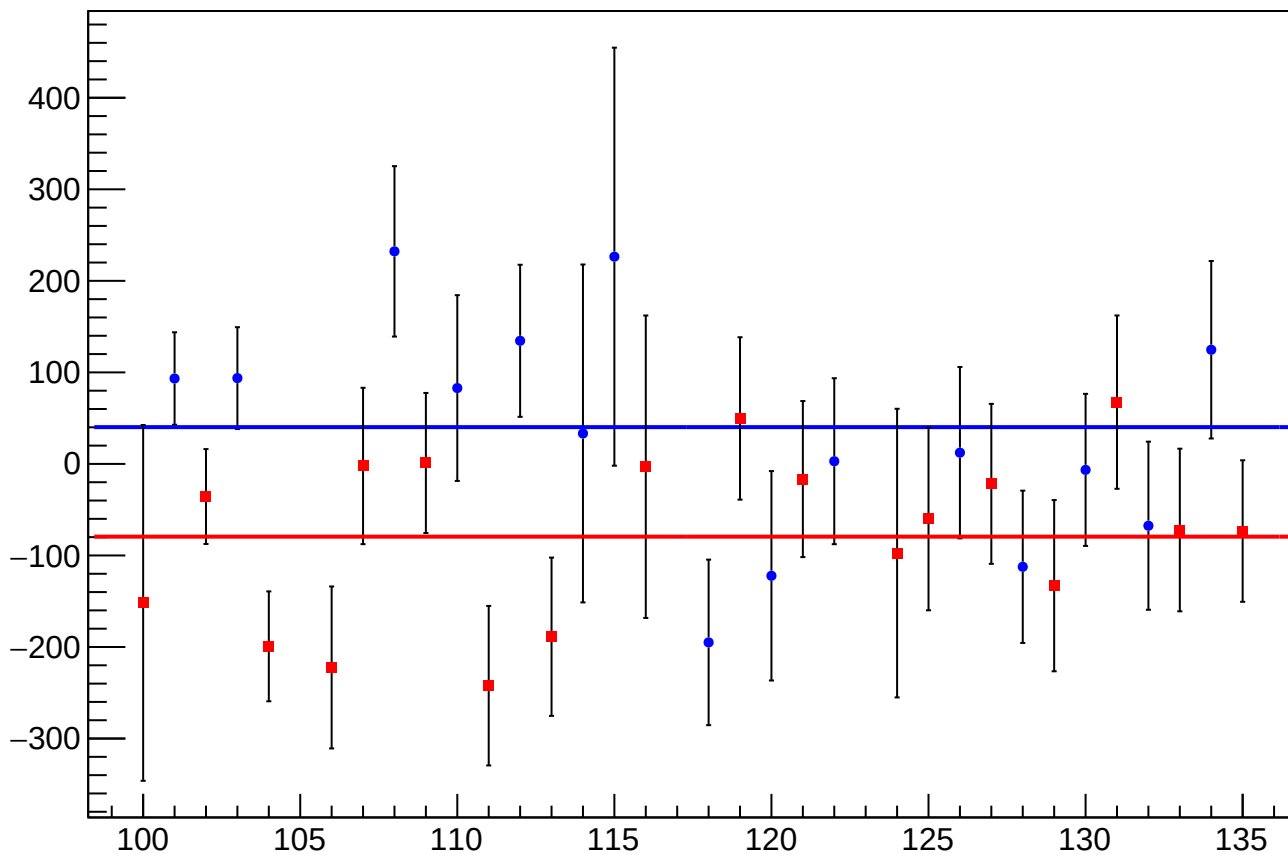
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6395853.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_mean vs Slug



Right In: 40.199+/-21.978 χ^2/NDF : 23.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -79.461+/-20.120 χ^2/NDF : 20.6/17

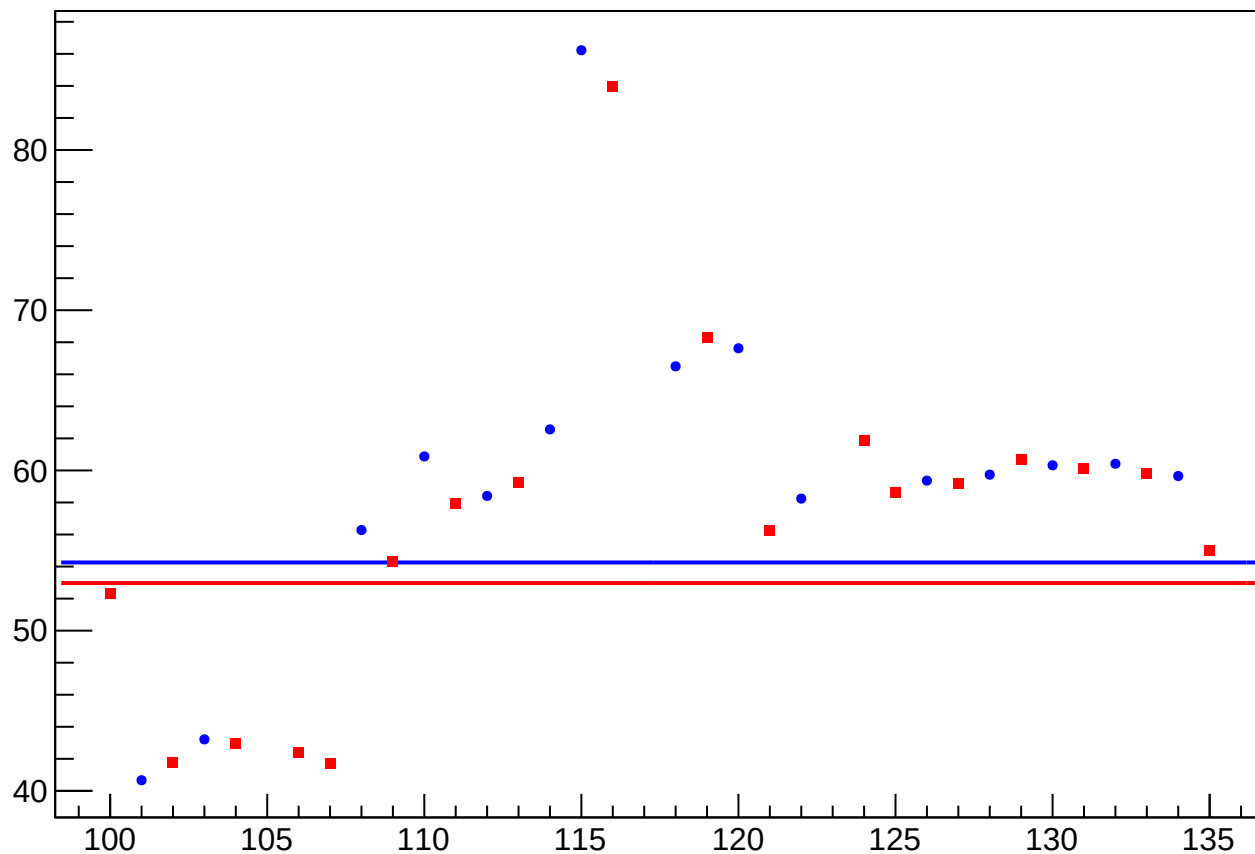
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.904+/-14.840 χ^2/NDF : 60.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_rms vs Slug



Right In: 54.255+/-0.016 χ^2/NDF : 389711.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 52.972+/-0.014 χ^2/NDF : 424133.5/17

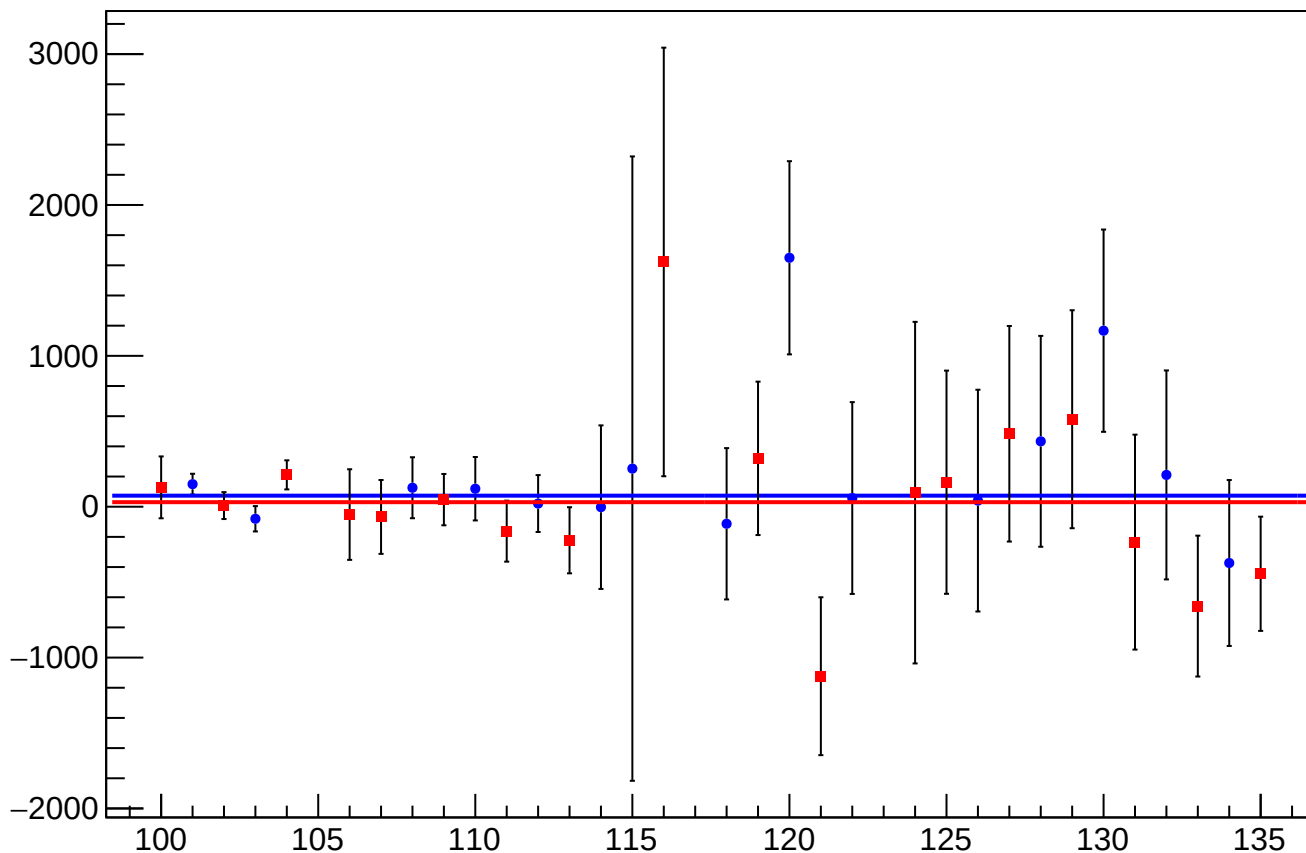
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.557+/-0.010 χ^2/NDF : 817553.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_mean vs Slug



Right In: 73.268+/-47.016 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.066+/-50.433 χ^2/NDF : 17.6/17

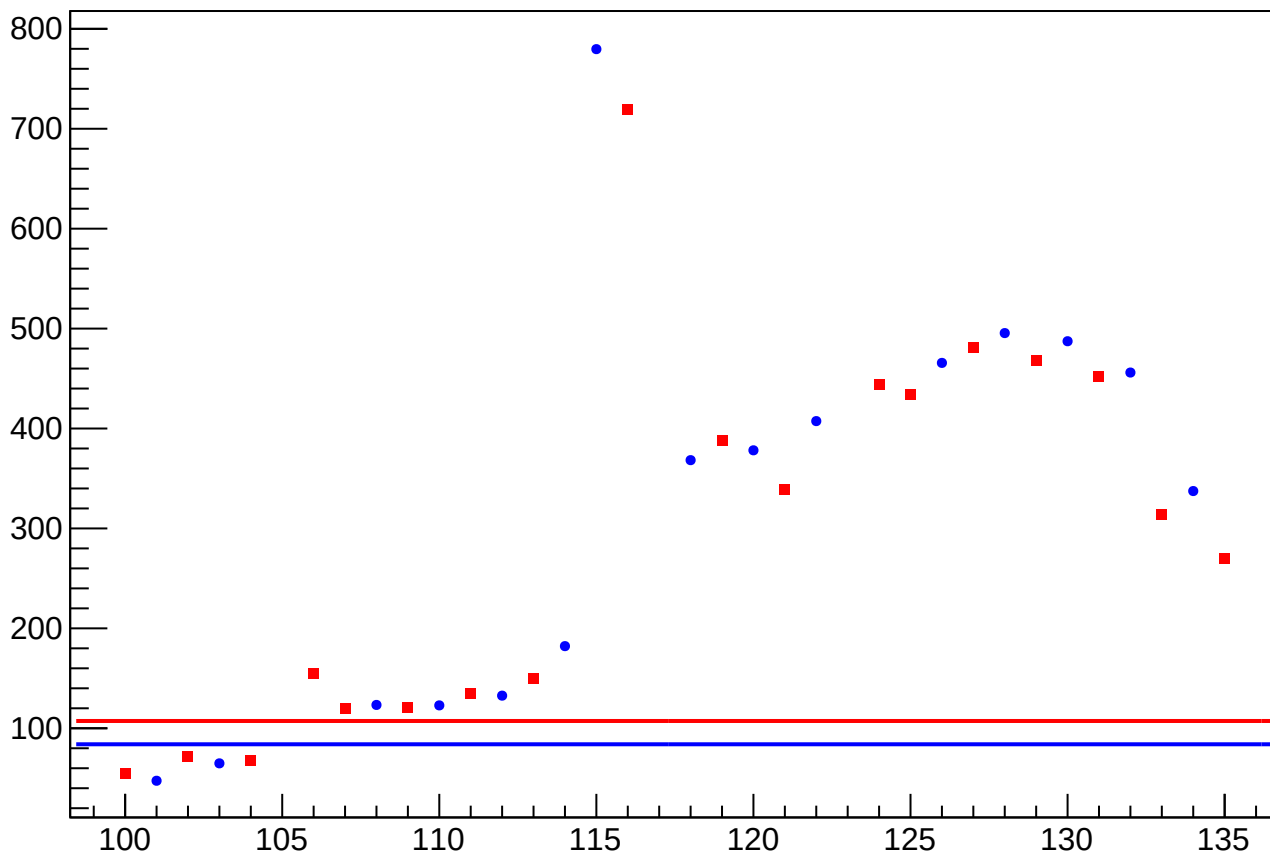
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 53.180+/-34.390 χ^2/NDF : 32.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_correction_rms vs Slug



Right In: 83.982+/-0.033 χ^2/NDF : 5777735.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.294+/-0.036 χ^2/NDF : 5196382.6/17

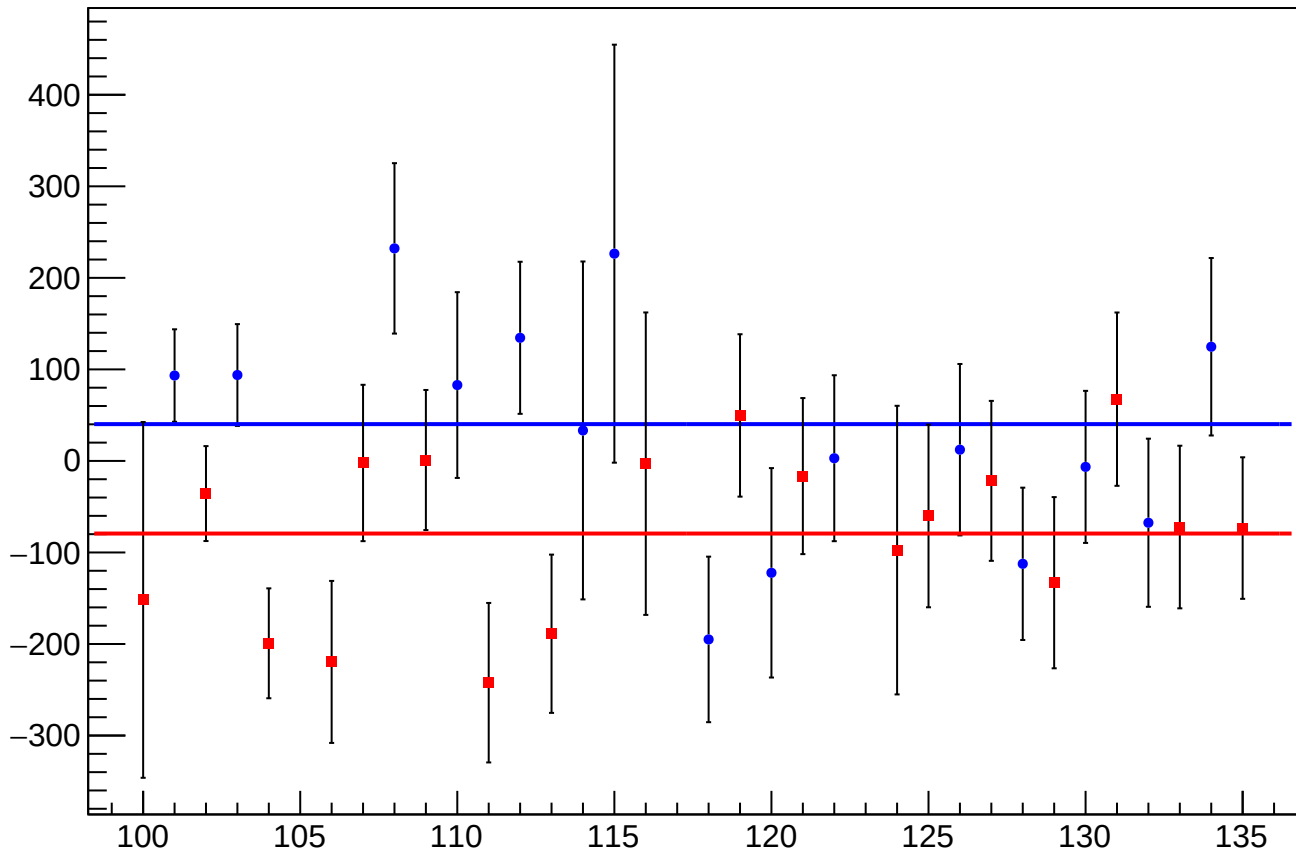
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.821+/-0.024 χ^2/NDF : 11202737.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_avg_mean vs Slug



Right In: 40.212 $\pm$ 21.978 χ^2 /NDF: 23.3/14

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

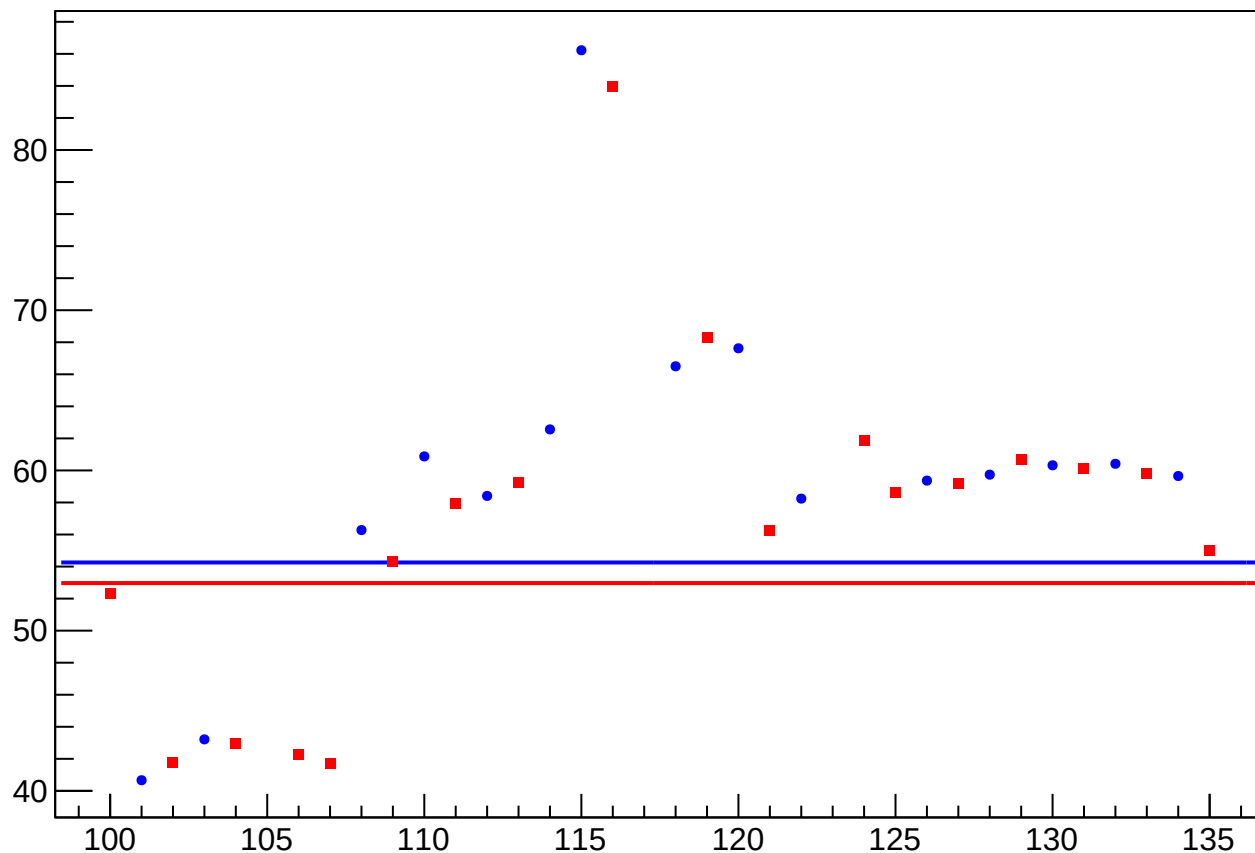
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.817 $\pm$ 14.841 χ^2 /NDF: 59.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_avg_rms vs Slug



Right In: 54.255 $\pm$ 0.016 χ^2 /NDF: 389710.3/14

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

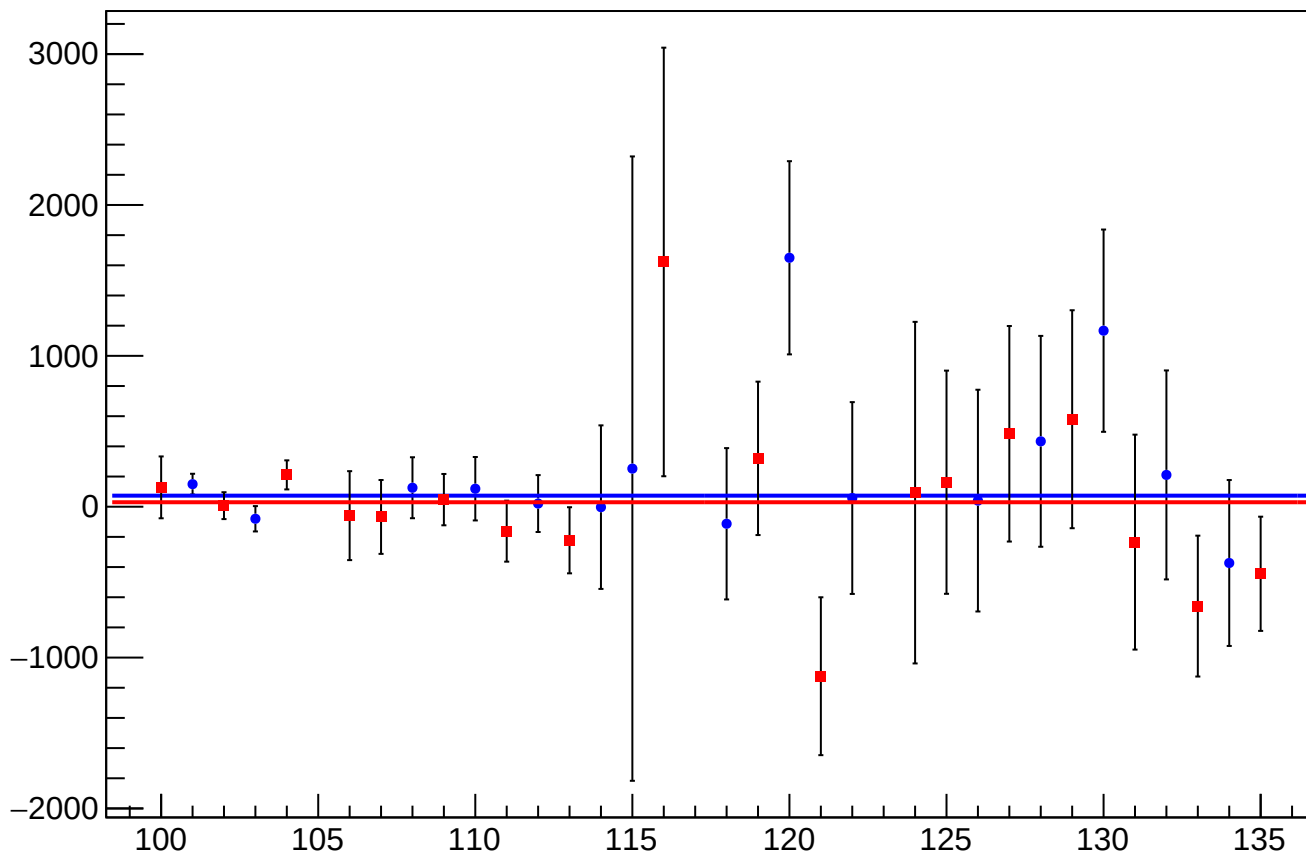
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.556 $\pm$ 0.010 χ^2 /NDF: 817875.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_cor_correction_mean vs Slug



Right In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.615+/-50.390 χ^2/NDF : 17.7/17

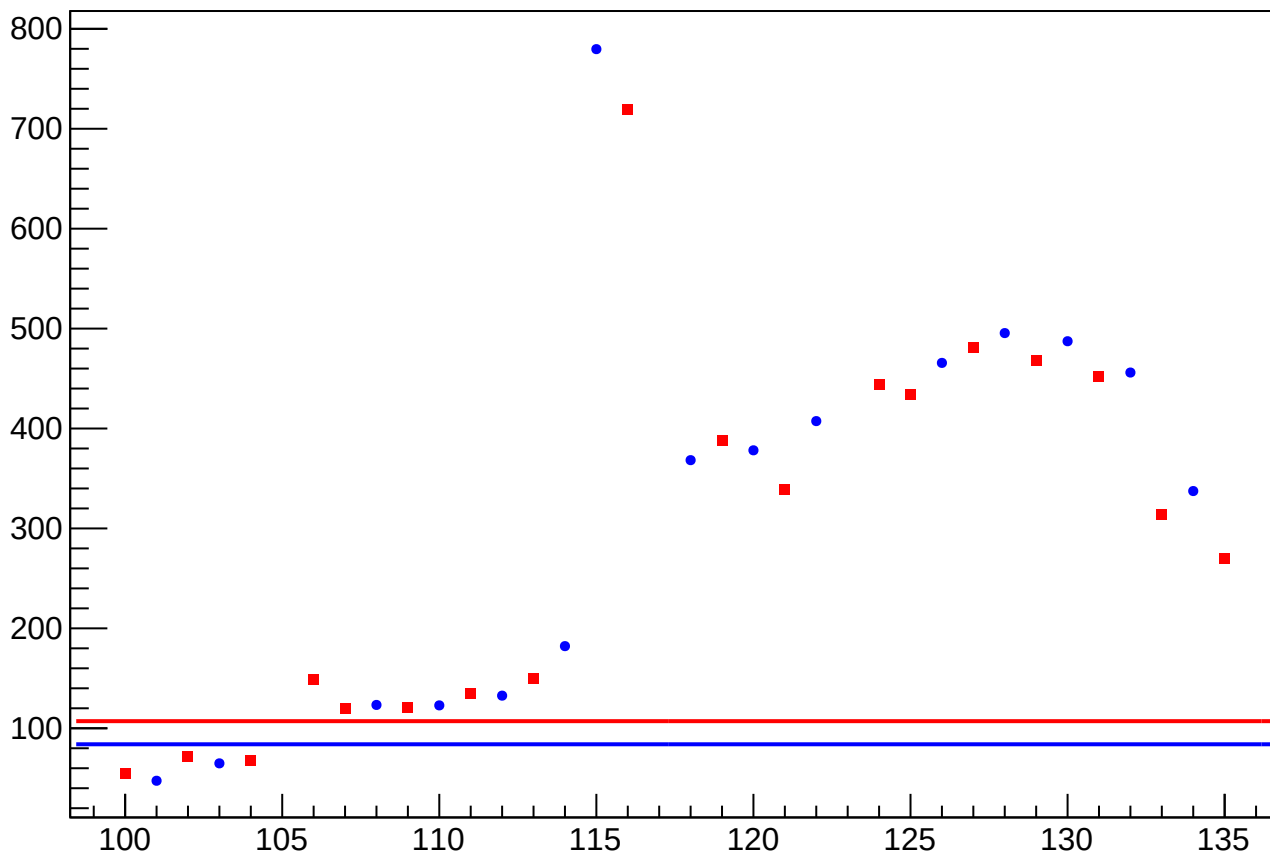
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.955+/-34.376 χ^2/NDF : 32.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_cor_correction_rms vs Slug



Right In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.116+/-0.036 χ^2/NDF : 5188098.2/17

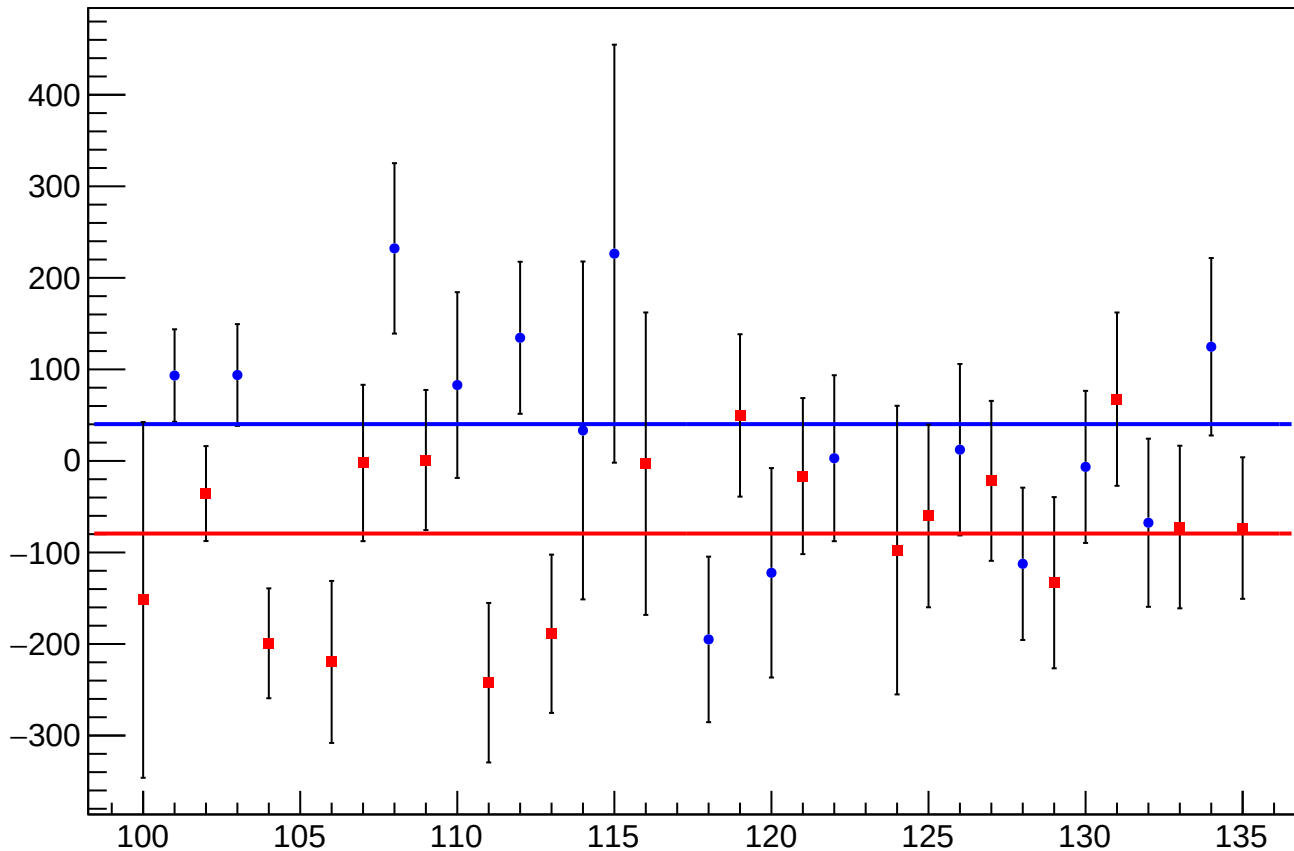
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 94.747+/-0.024 χ^2/NDF : 11191296.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_avg_mean vs Slug



Right In: 40.212 $\pm$ 21.978 χ^2 /NDF: 23.3/14

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

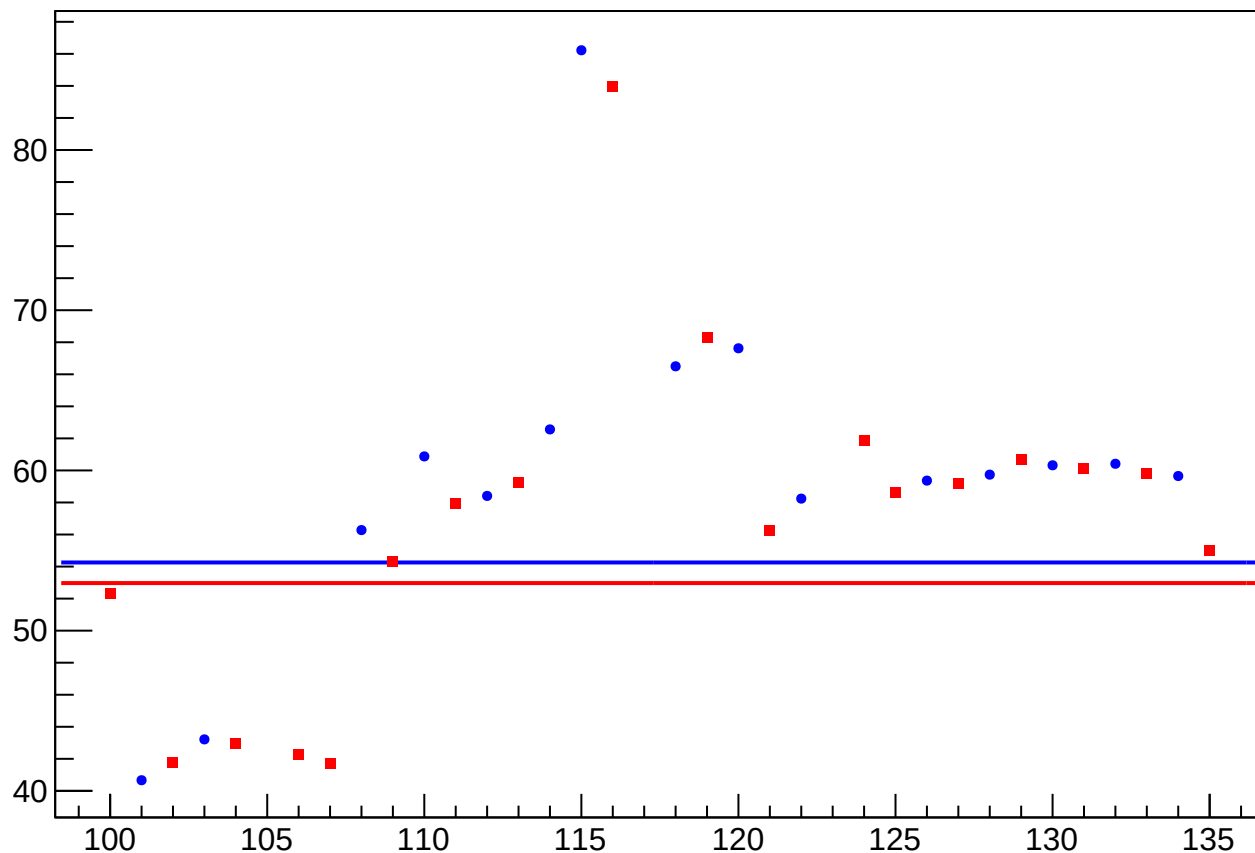
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.817 $\pm$ 14.841 χ^2 /NDF: 59.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_15_avg_rms vs Slug



Right In: 54.255 ± 0.016 $\chi^2/\text{NDF}: 389710.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 52.970 ± 0.014 $\chi^2/\text{NDF}: 424443.0/17$

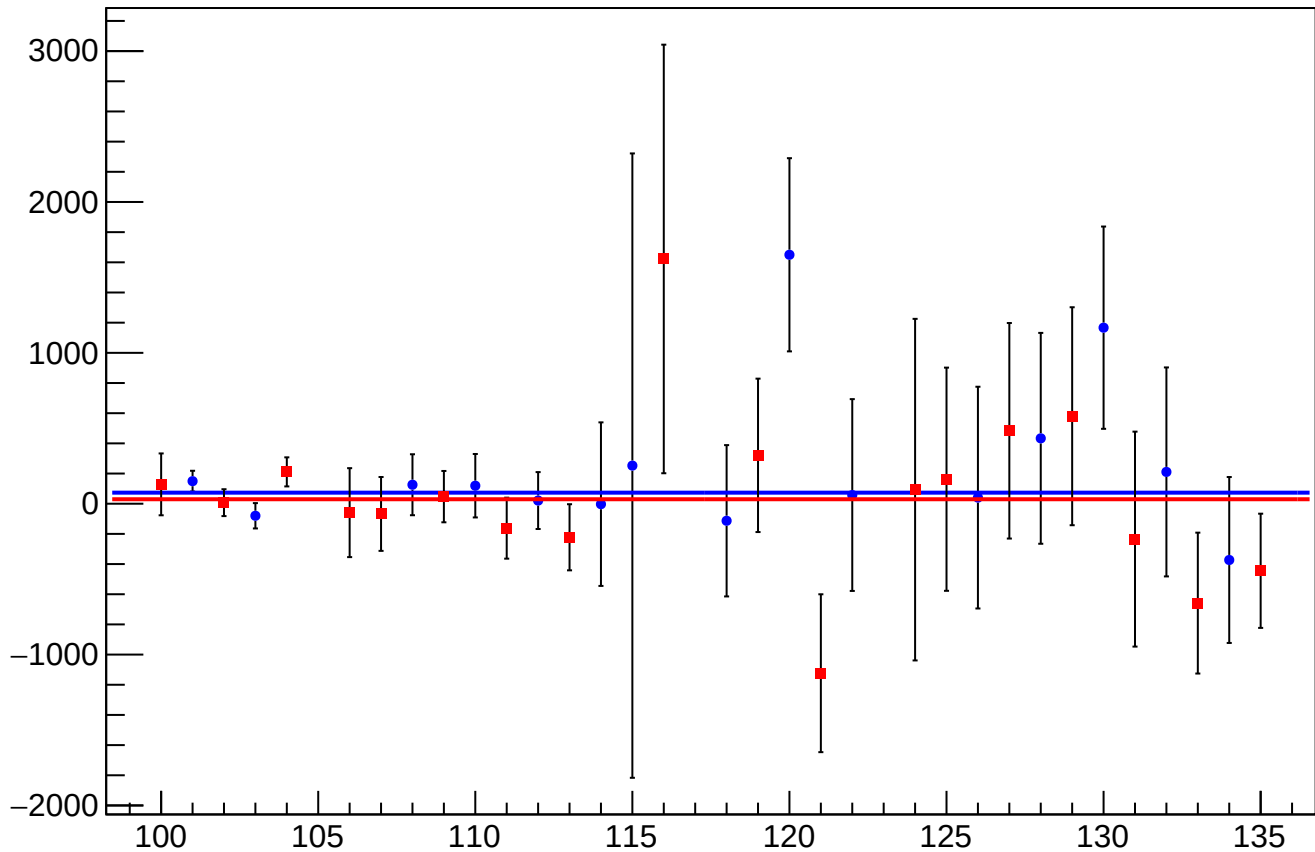
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 53.556 ± 0.010 $\chi^2/\text{NDF}: 817875.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_avg_eigen_cor_correction_mean vs Slug



Right In: 73.272+/-47.015 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.615+/-50.390 χ^2/NDF : 17.7/17

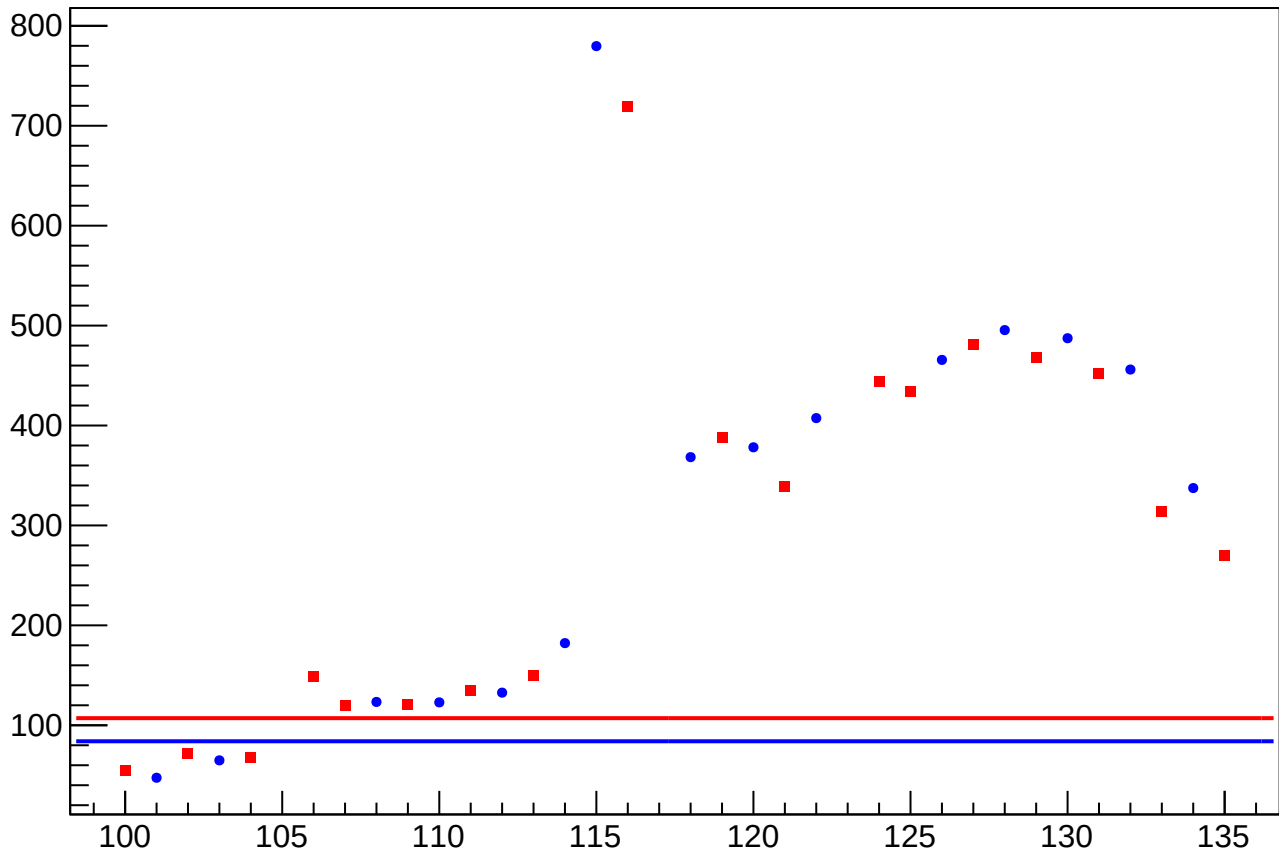
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.955+/-34.376 χ^2/NDF : 32.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_cor_correction_rms vs Slug



Right In: 83.980+/-0.033 χ^2/NDF : 5777794.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

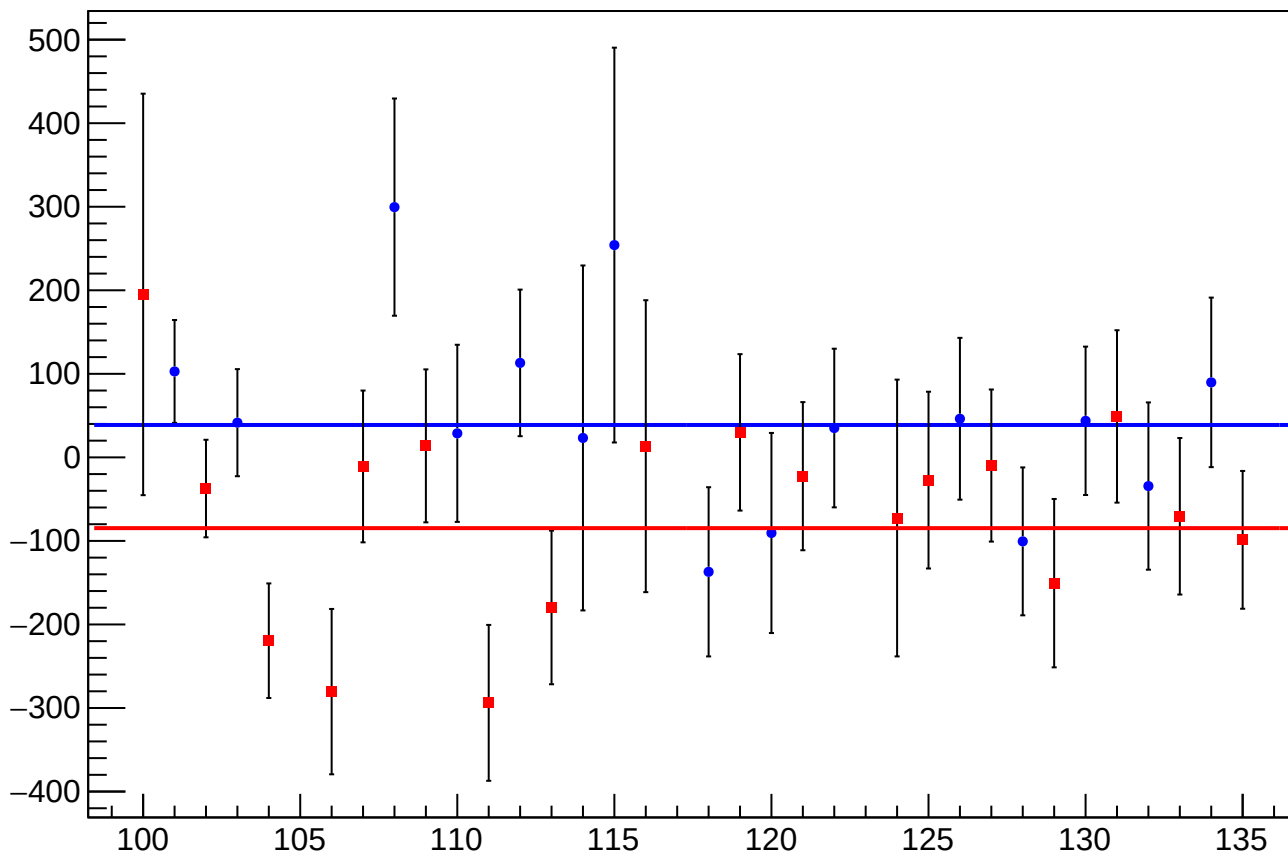
Right Out: 107.116+/-0.036 χ^2/NDF : 5188098.2/17

All: 94.747+/-0.024 χ^2/NDF : 11191296.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_avg_mean vs Slug



Right In: 38.782 $\pm$ 24.524 χ^2 /NDF: 14.1/14

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

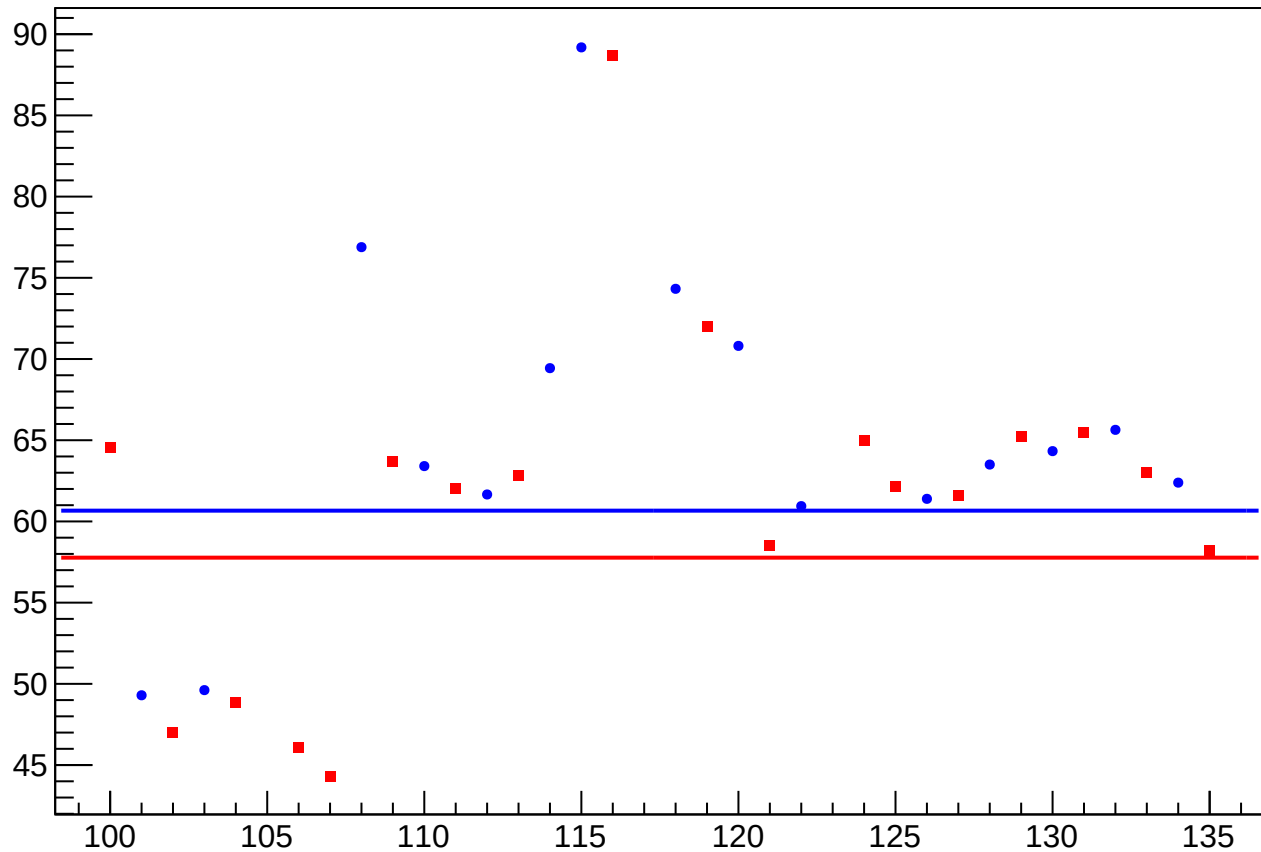
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.737 $\pm$ 16.361 χ^2 /NDF: 51.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_avg_rms vs Slug



Right In: 60.664 $\pm$ 0.017 χ^2 /NDF: 254963.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.770 $\pm$ 0.016 χ^2 /NDF: 342480.9/17

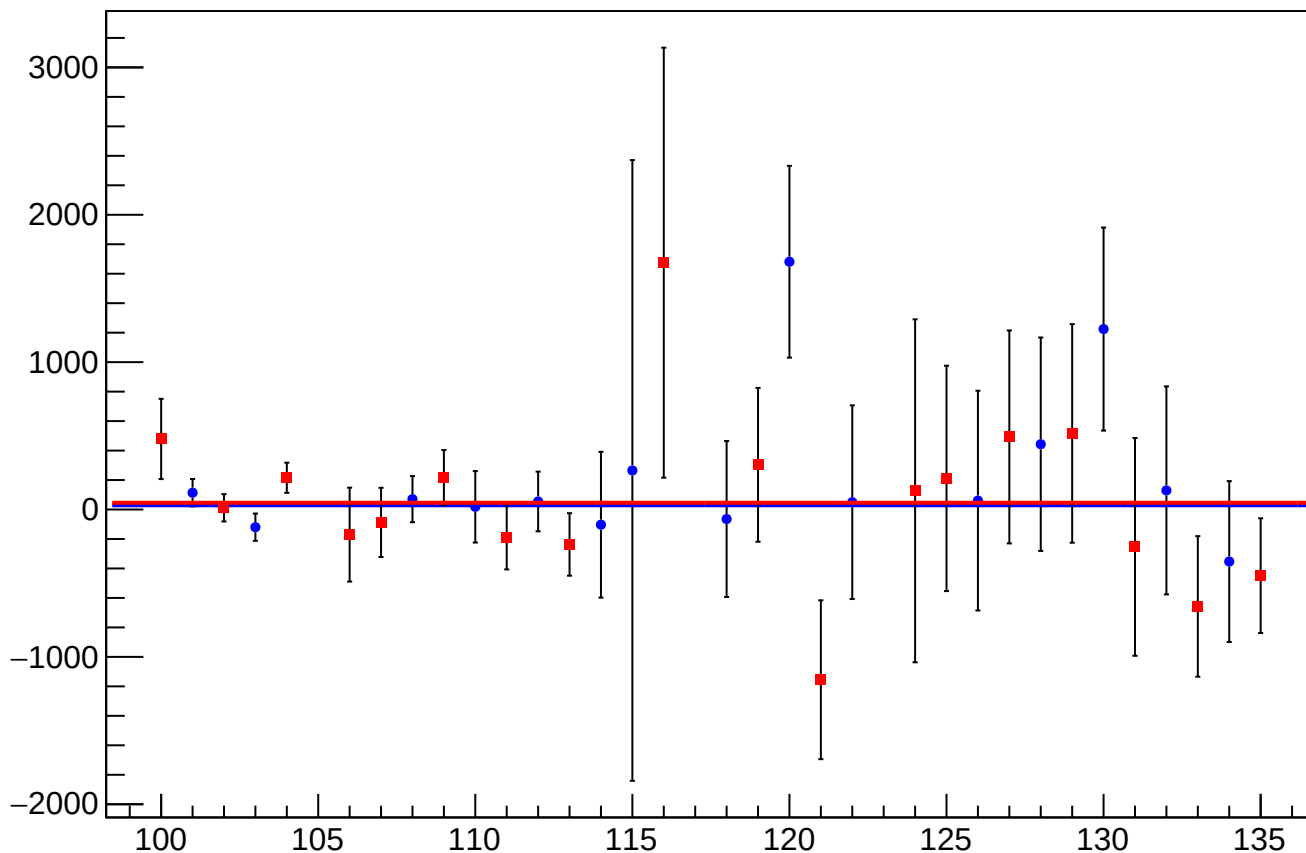
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.058 $\pm$ 0.012 χ^2 /NDF: 612898.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_correction_mean vs Slug



Right In: 28.707+/-54.407 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.814+/-53.383 χ^2/NDF : 21.2/17

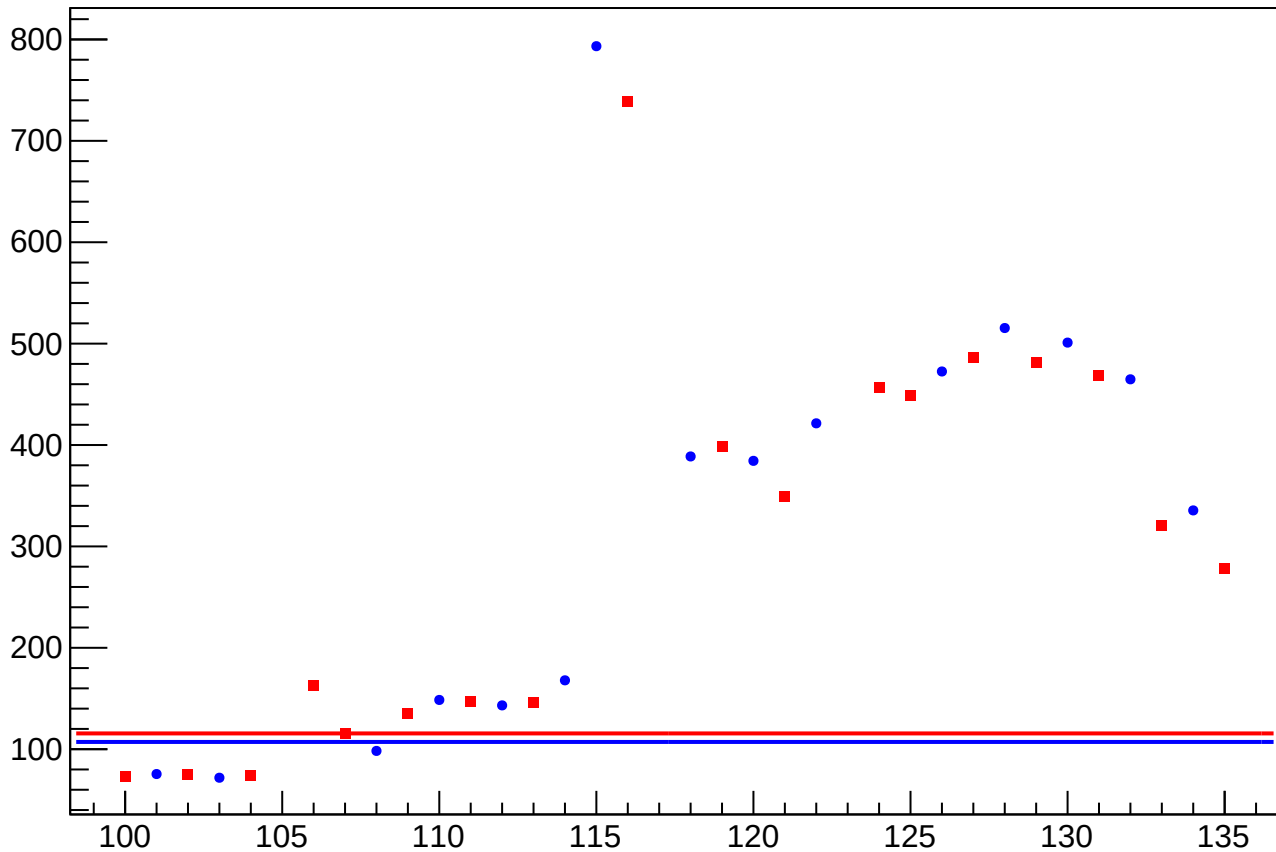
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.423+/-38.104 χ^2/NDF : 35.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_correction_rms vs Slug



Right In: 107.148+/-0.038 χ^2/NDF : 4912728.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.556+/-0.038 χ^2/NDF : 4991295.1/17

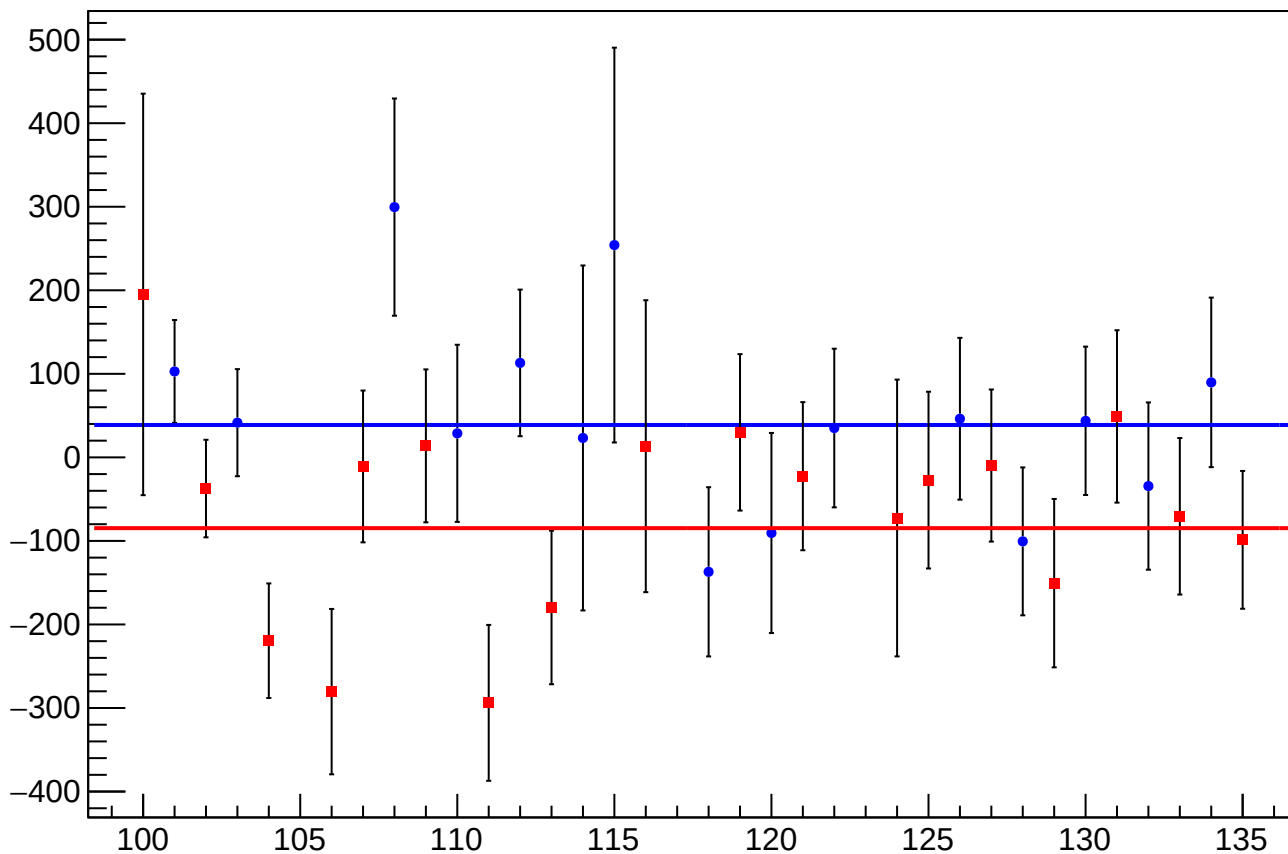
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.432+/-0.027 χ^2/NDF : 9928364.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_avg_mean vs Slug



Right In: 38.782 $\pm$ 24.524 χ^2 /NDF: 14.1/14

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

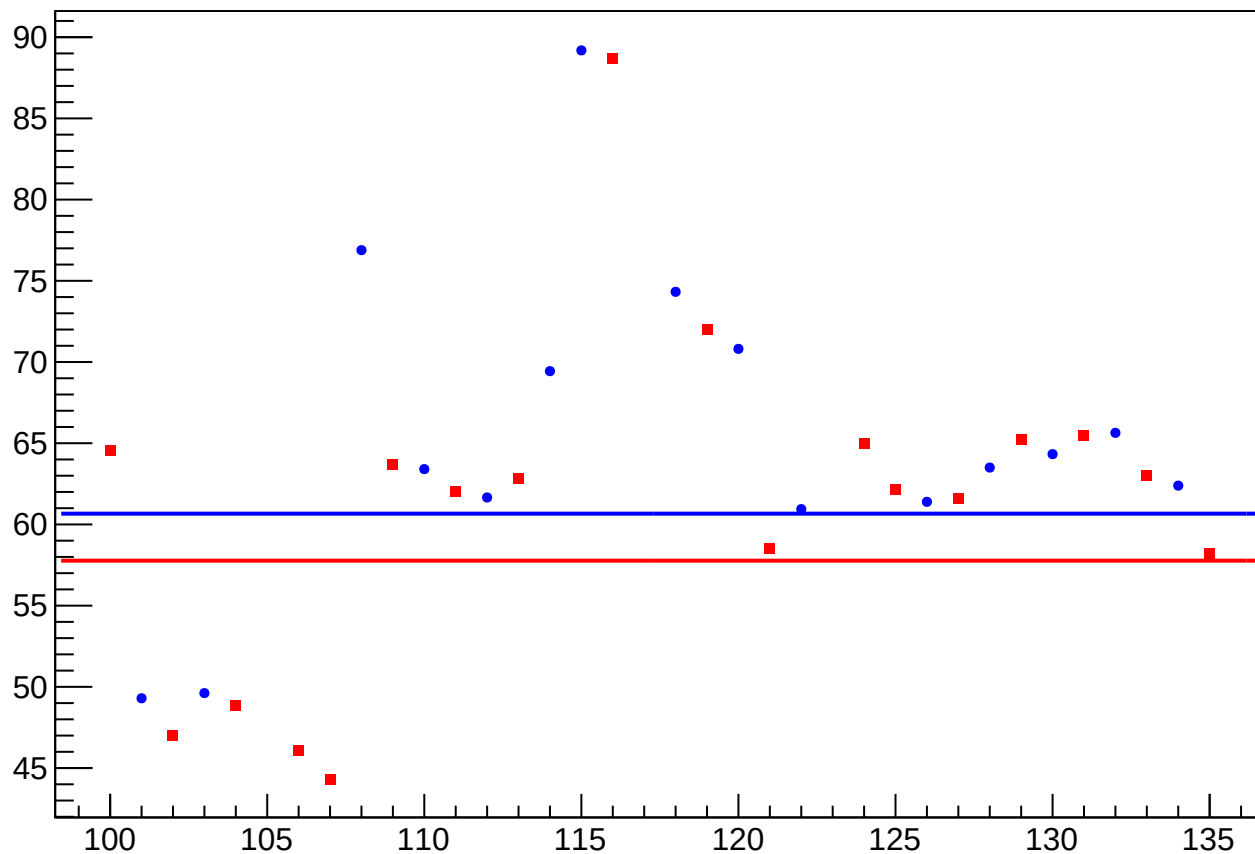
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -29.737 $\pm$ 16.361 χ^2 /NDF: 51.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_avg_rms vs Slug



Right In: 60.664 $\pm$ 0.017 χ^2 /NDF: 254962.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.770 $\pm$ 0.016 χ^2 /NDF: 342477.7/17

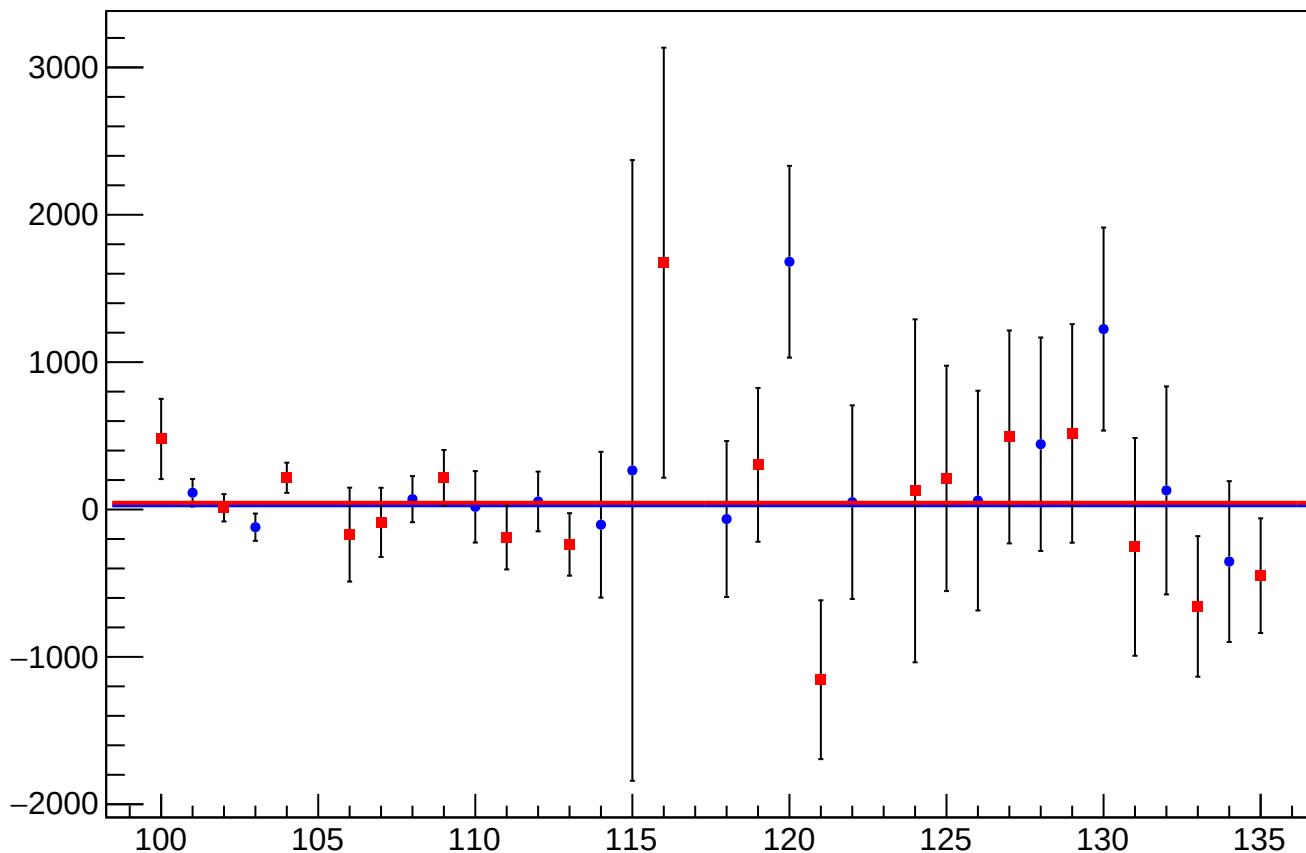
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.058 $\pm$ 0.012 χ^2 /NDF: 612893.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_correction_mean vs Slug



Right In: 28.706+/-54.407 χ^2/NDF : 13.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 45.814+/-53.383 χ^2/NDF : 21.2/17

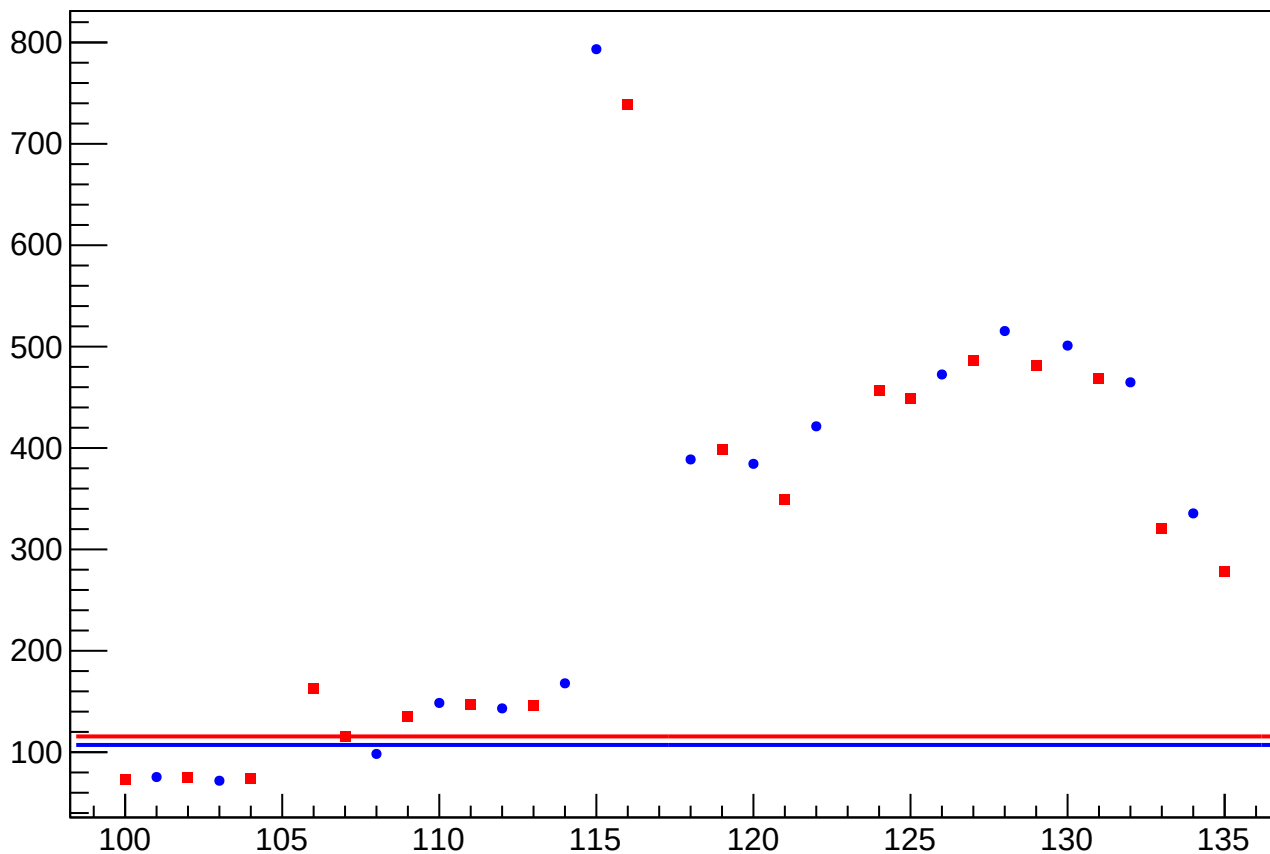
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 37.423+/-38.104 χ^2/NDF : 35.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_correction_rms vs Slug



Right In: 107.148+/-0.038 χ^2/NDF : 4912731.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 115.556+/-0.038 χ^2/NDF : 4991298.5/17

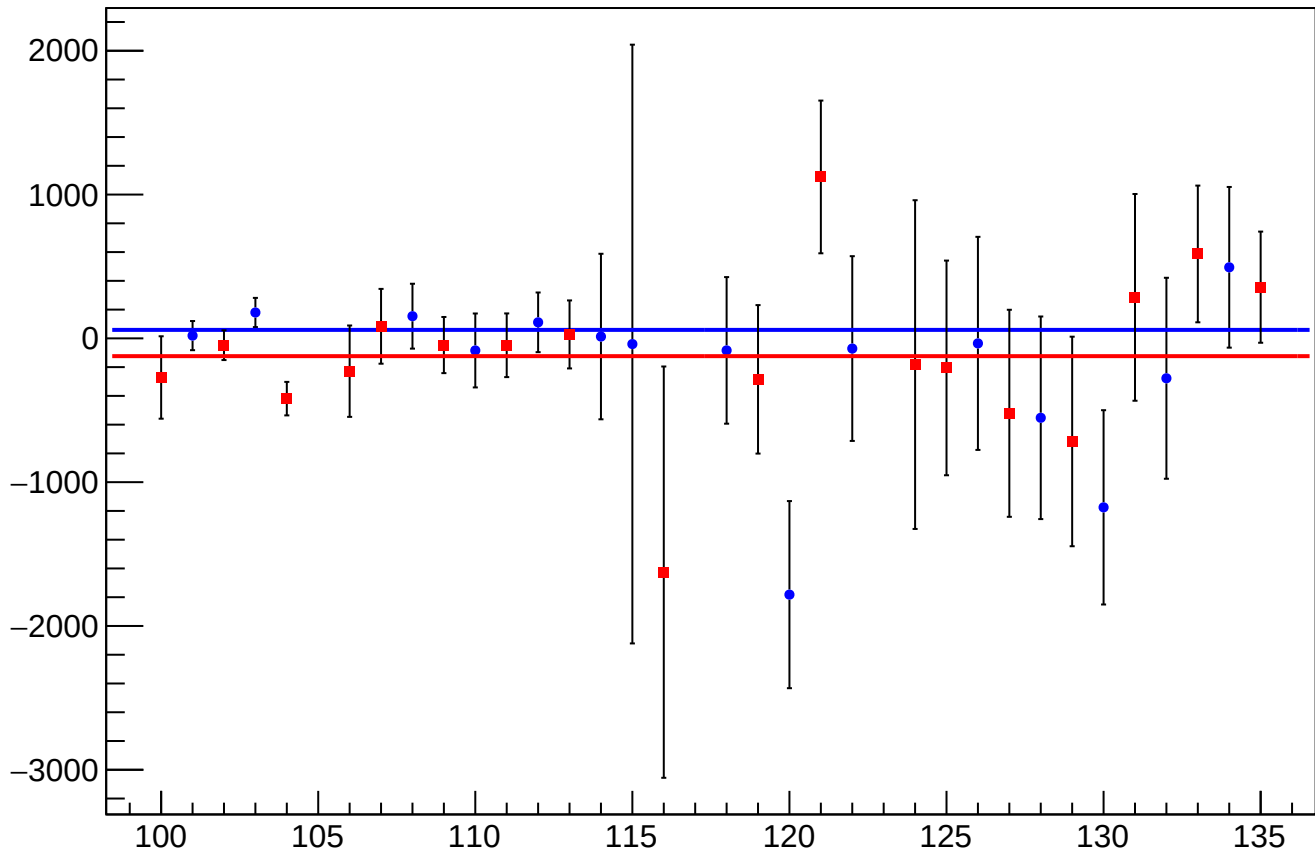
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.432+/-0.027 χ^2/NDF : 9928369.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_mean vs Slug



Right In: 58.969+/-60.252 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -123.689+/-58.153 χ^2/NDF : 20.5/17

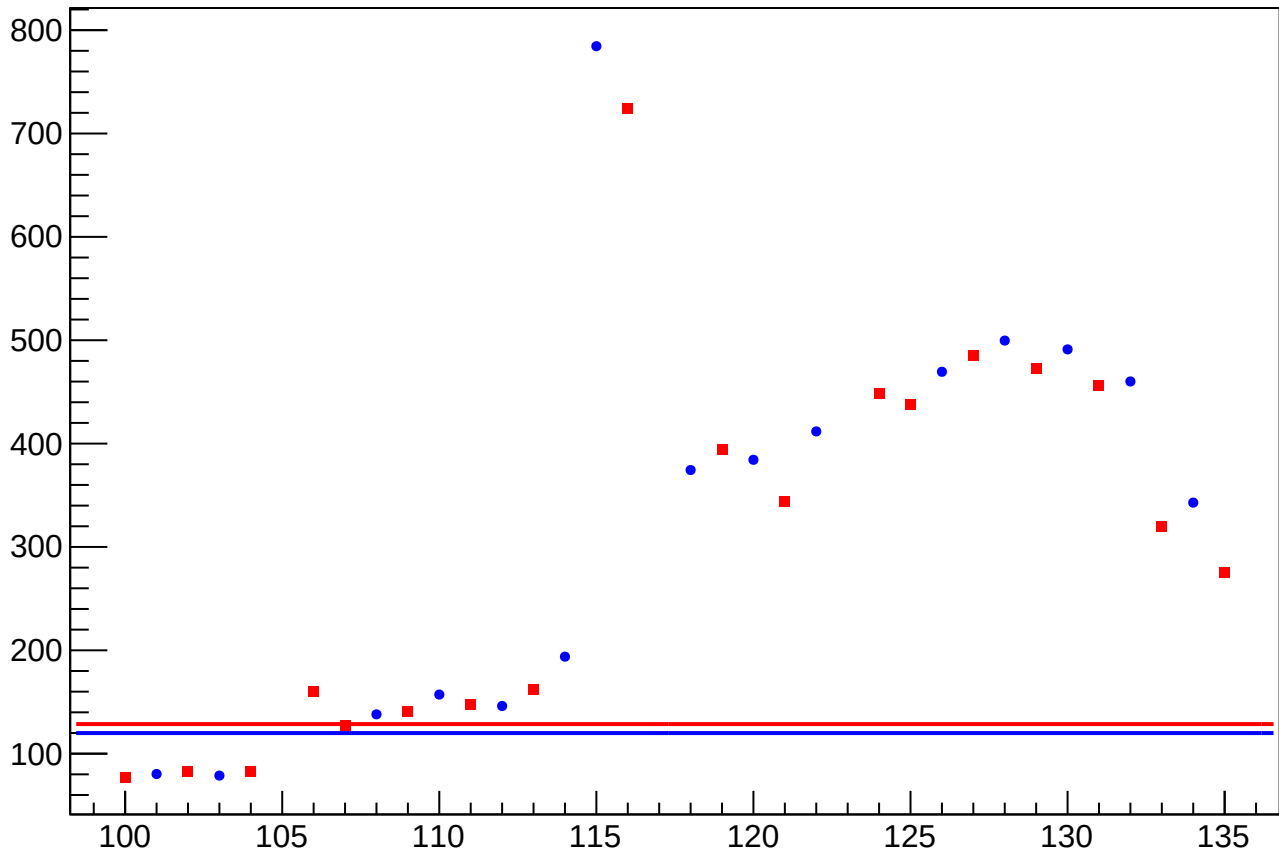
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -35.597+/-41.843 χ^2/NDF : 40.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_rms vs Slug



Right In: 119.931+/-0.043 χ^2/NDF : 4621247.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 128.630+/-0.041 χ^2/NDF : 4513271.9/17

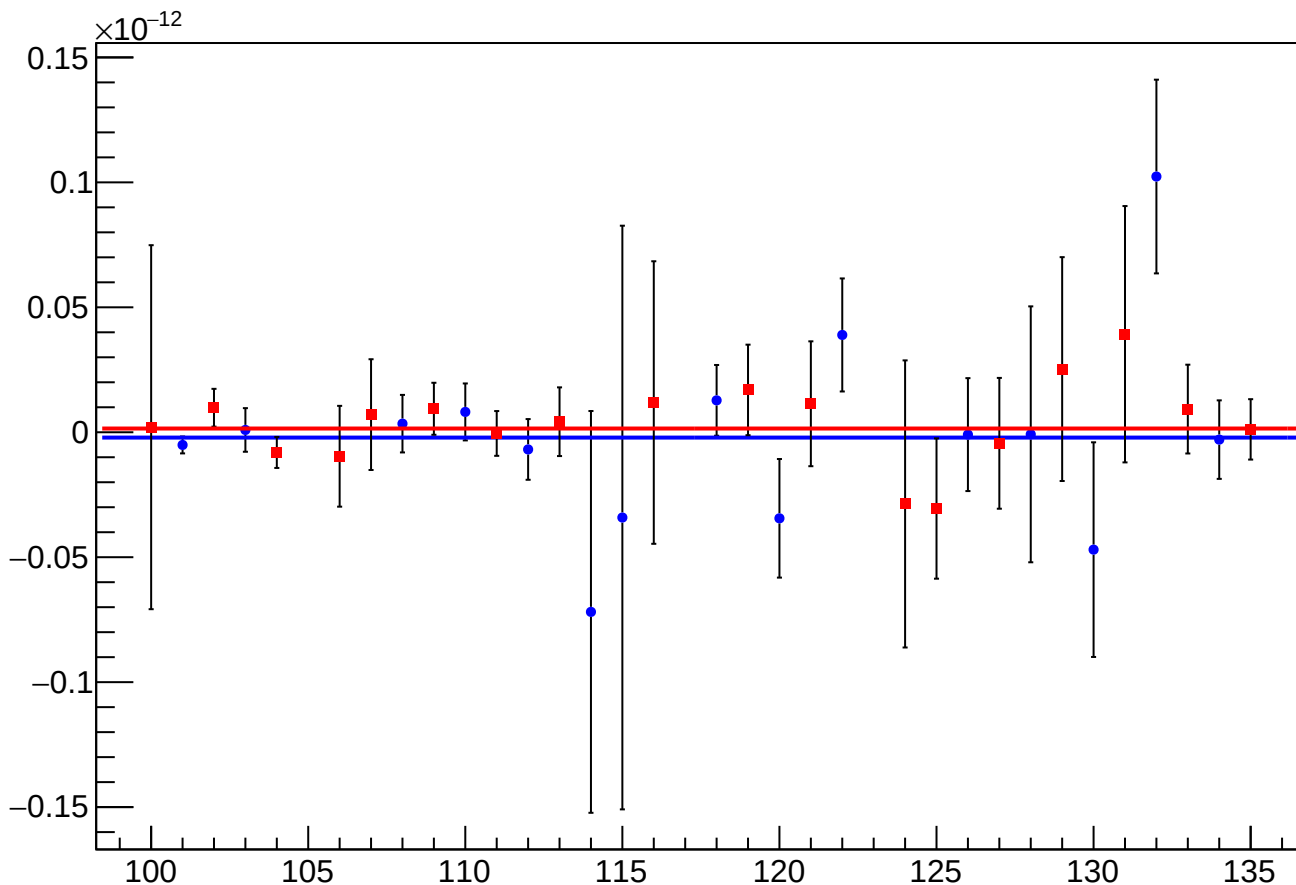
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 124.434+/-0.030 χ^2/NDF : 9156101.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.2/17

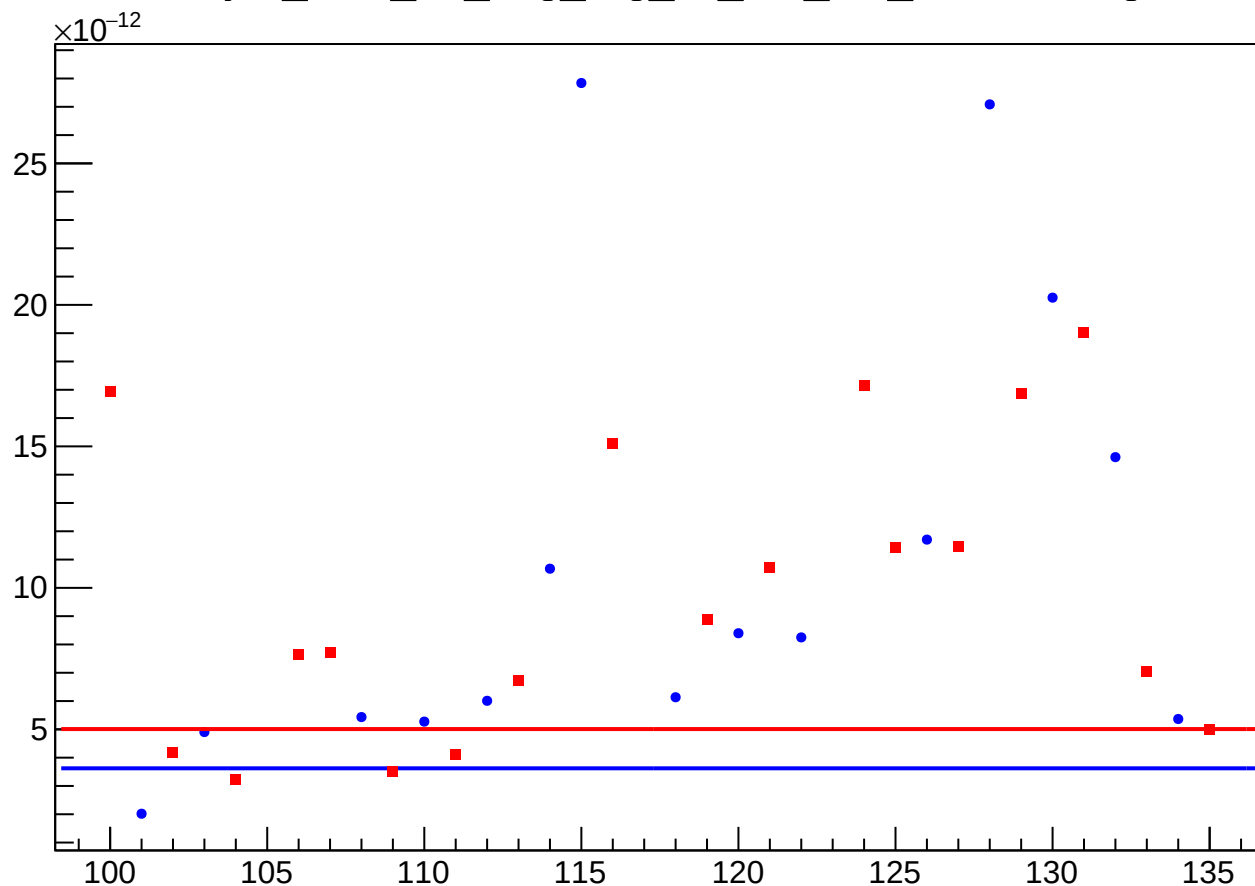
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 26.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2153098.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1293073.5/17

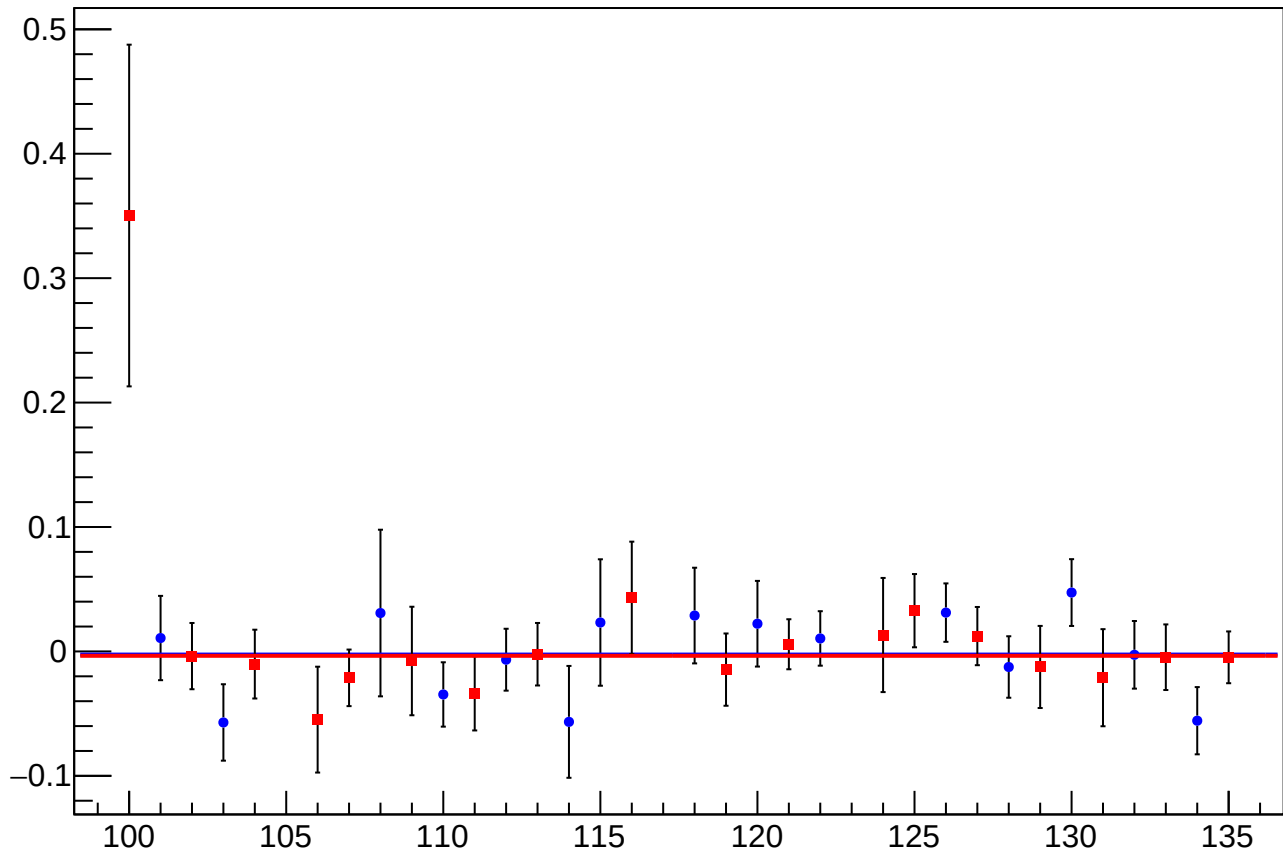
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3662258.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 ± 0.008 χ^2/NDF : 17.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.004 ± 0.007 χ^2/NDF : 13.6/17

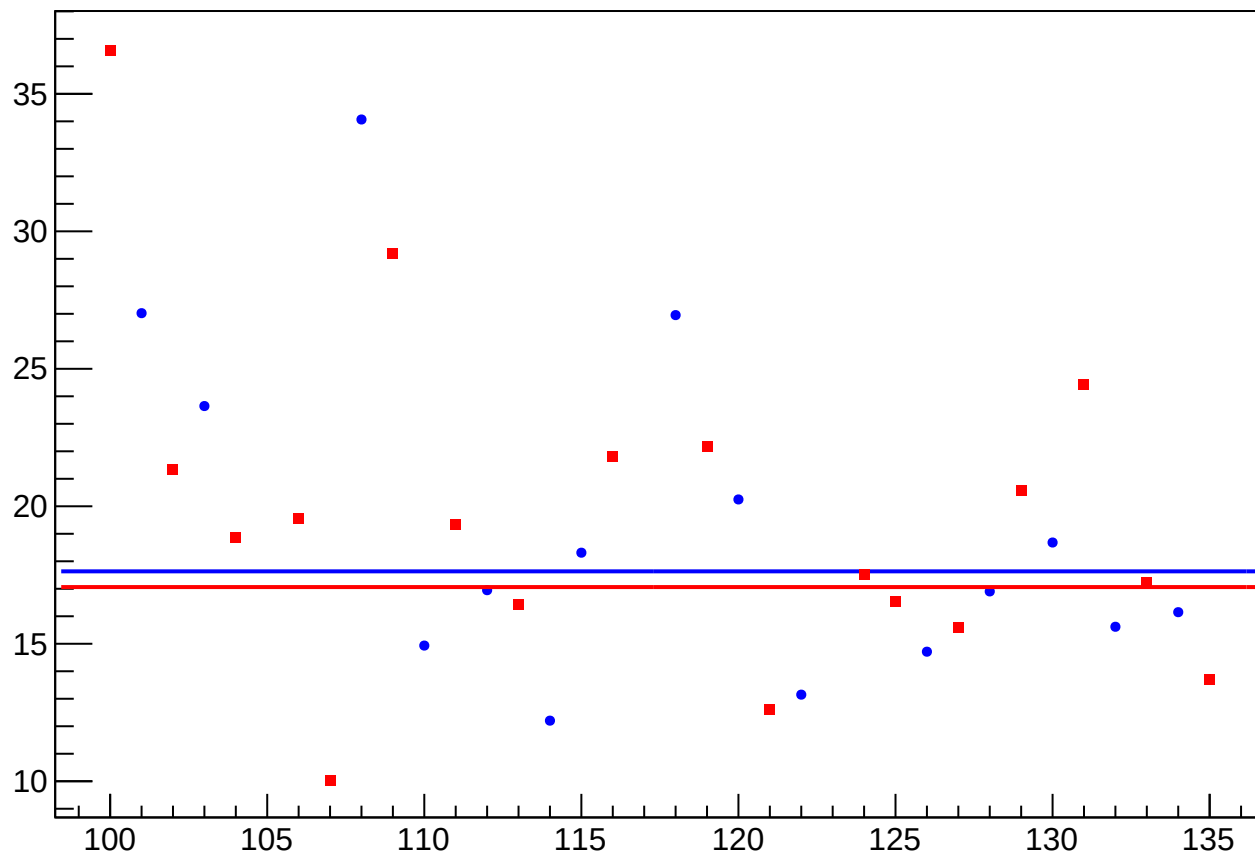
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.005 χ^2/NDF : 31.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_cor_diff_rms vs Slug



Right In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.062+/-0.005 χ^2/NDF : 803479.5/17

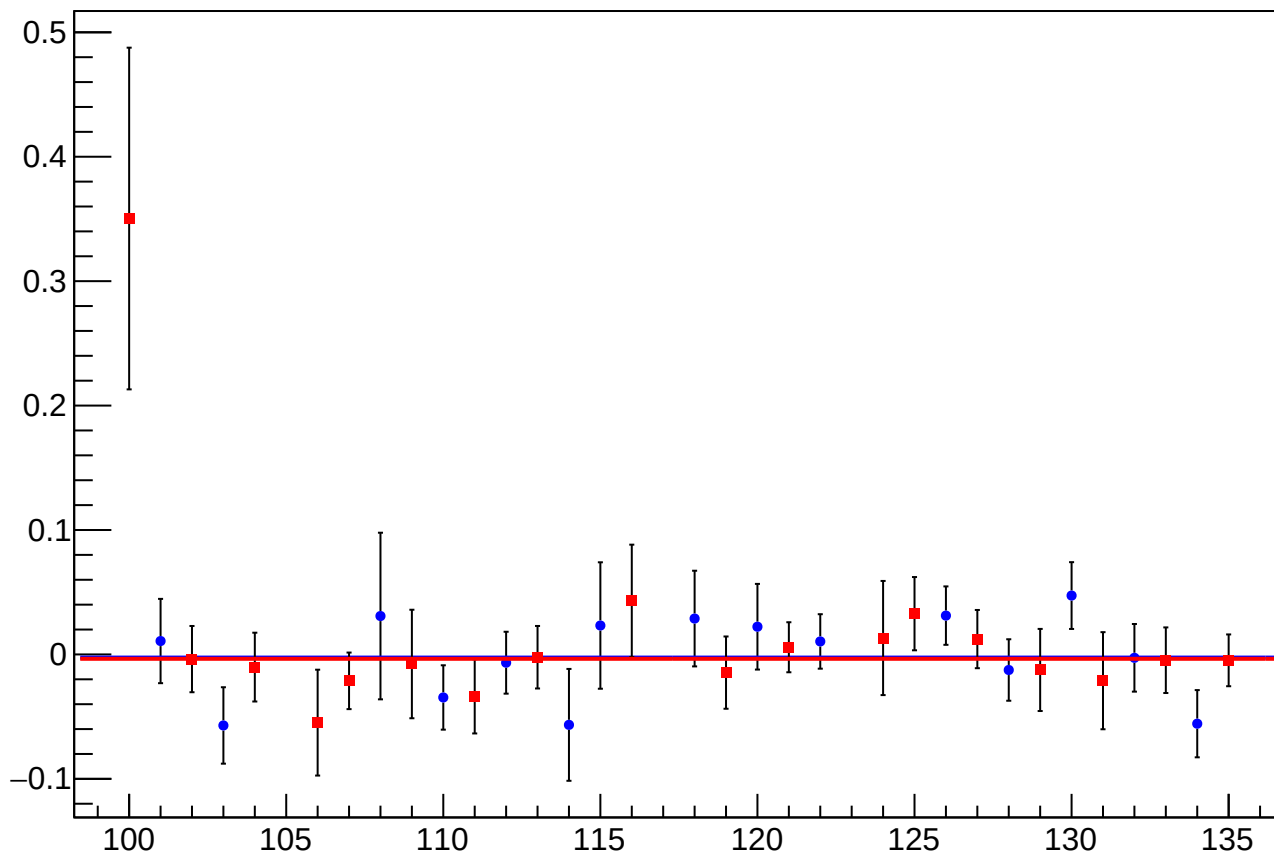
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.318+/-0.004 χ^2/NDF : 1479145.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.008 χ^2 /NDF: 17.9/14

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

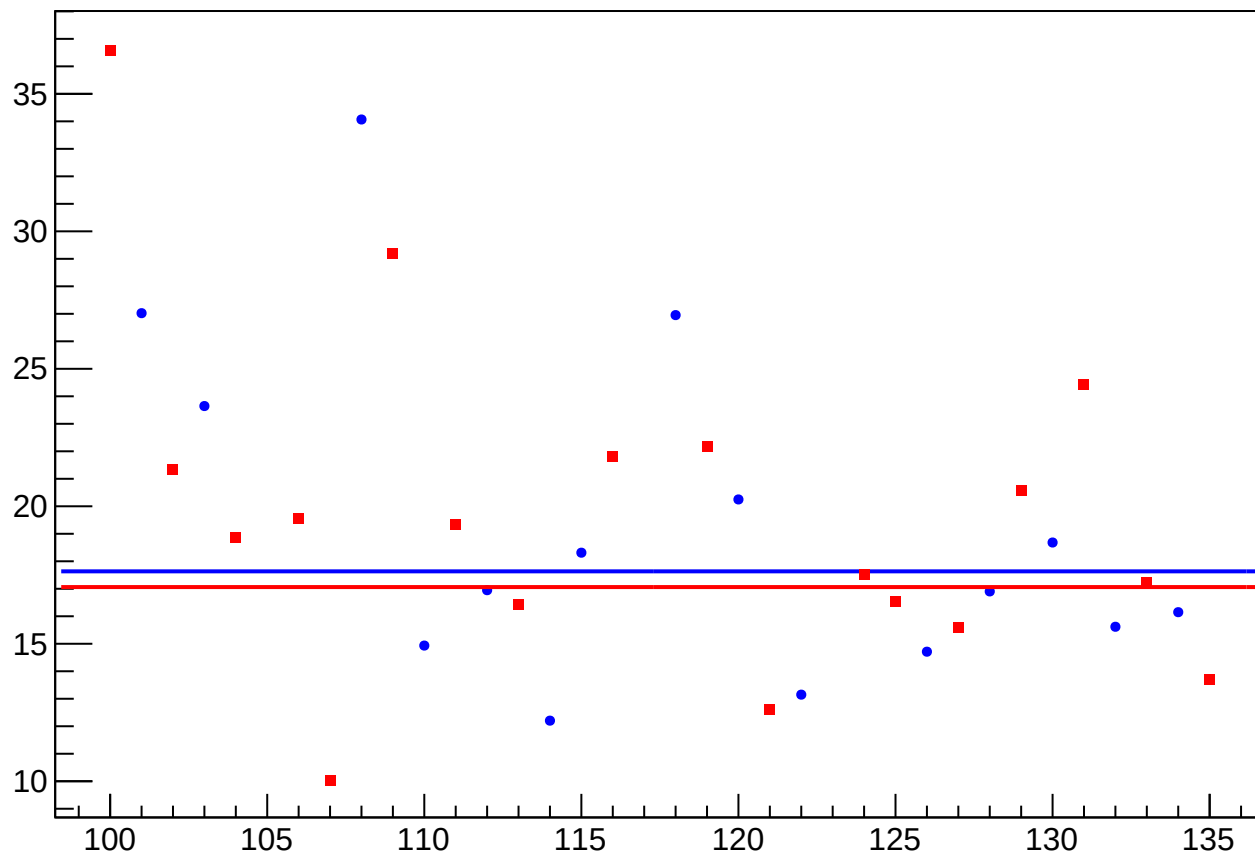
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.005 χ^2 /NDF: 31.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.634+/-0.005 χ^2/NDF : 669401.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.062+/-0.005 χ^2/NDF : 803479.5/17

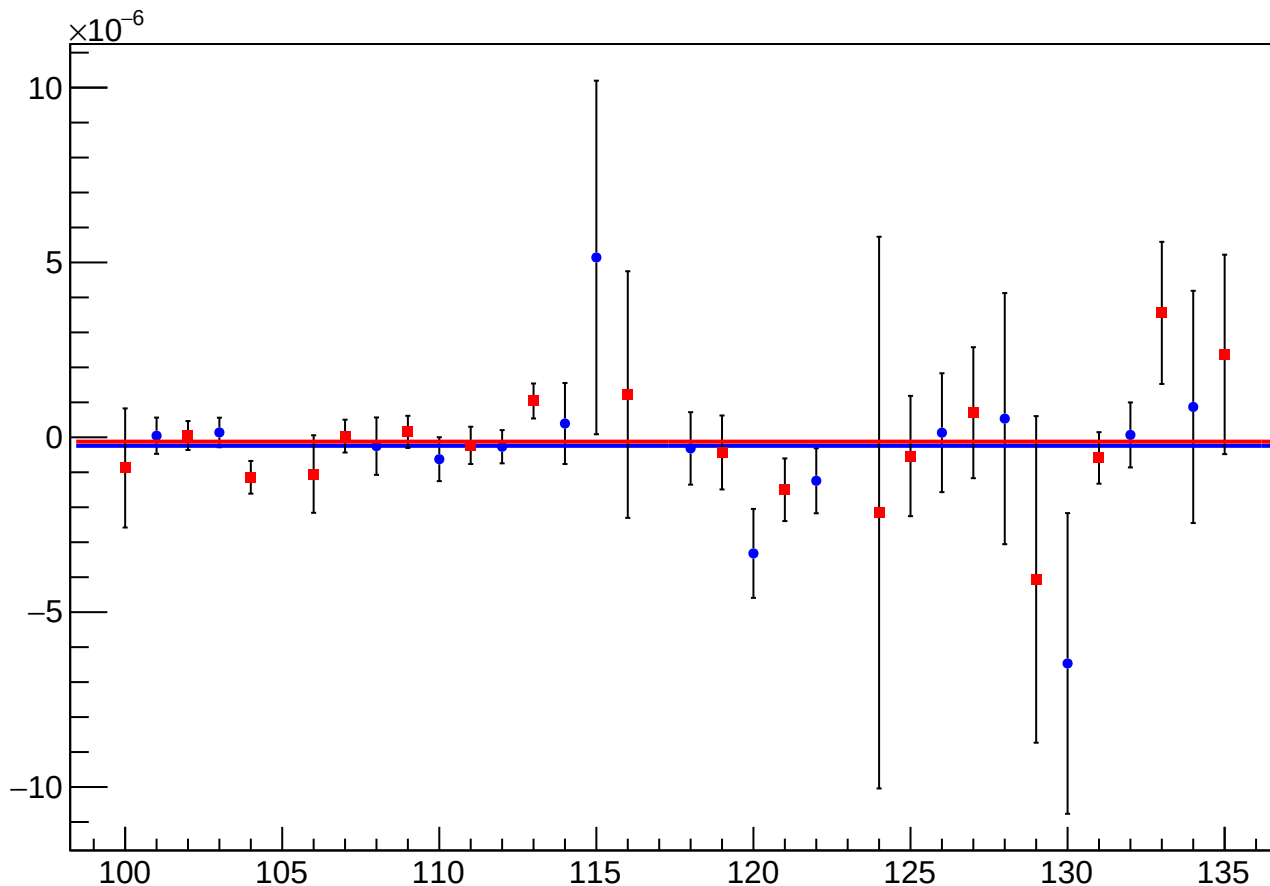
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.318+/-0.004 χ^2/NDF : 1479145.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 19.8/17

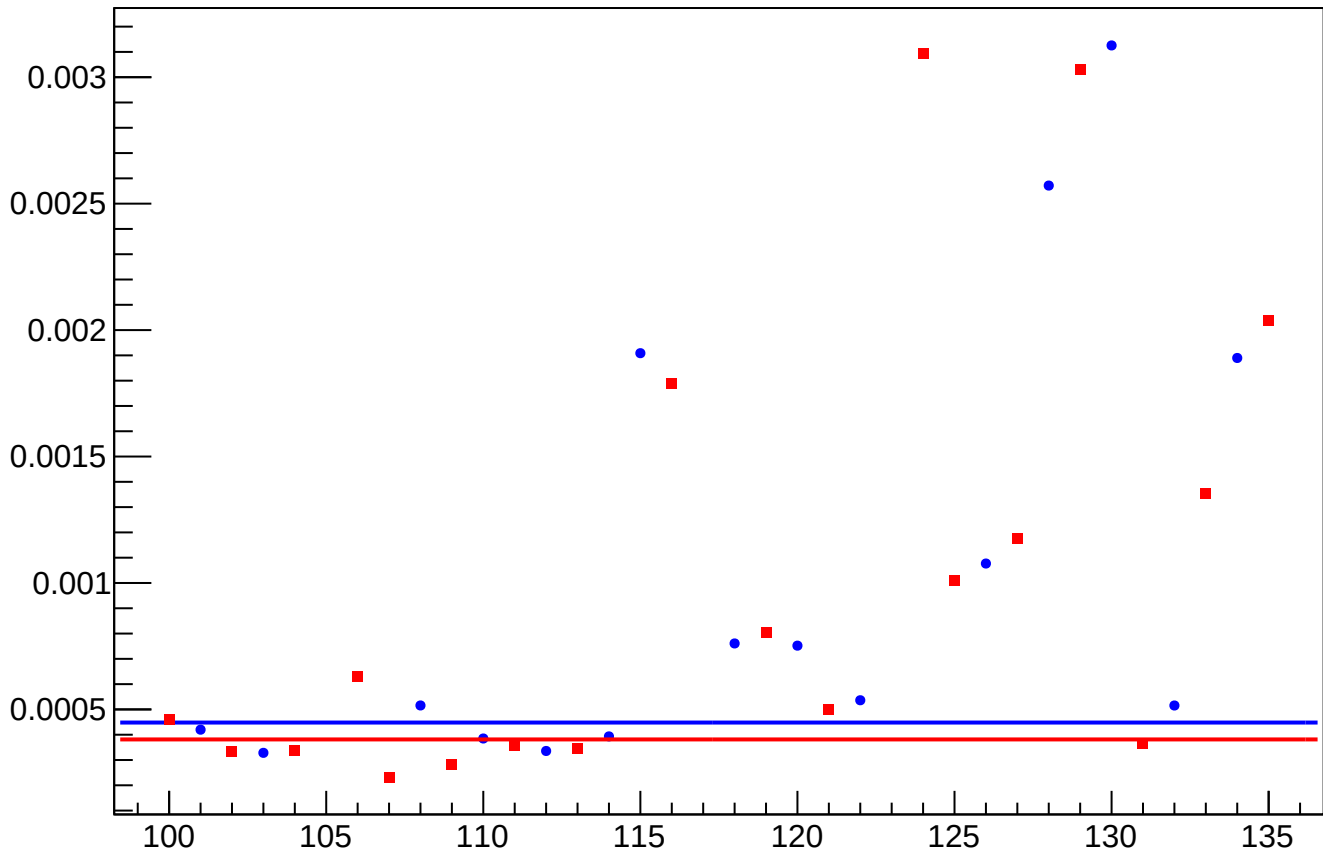
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 32.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2934655.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3783144.7/17

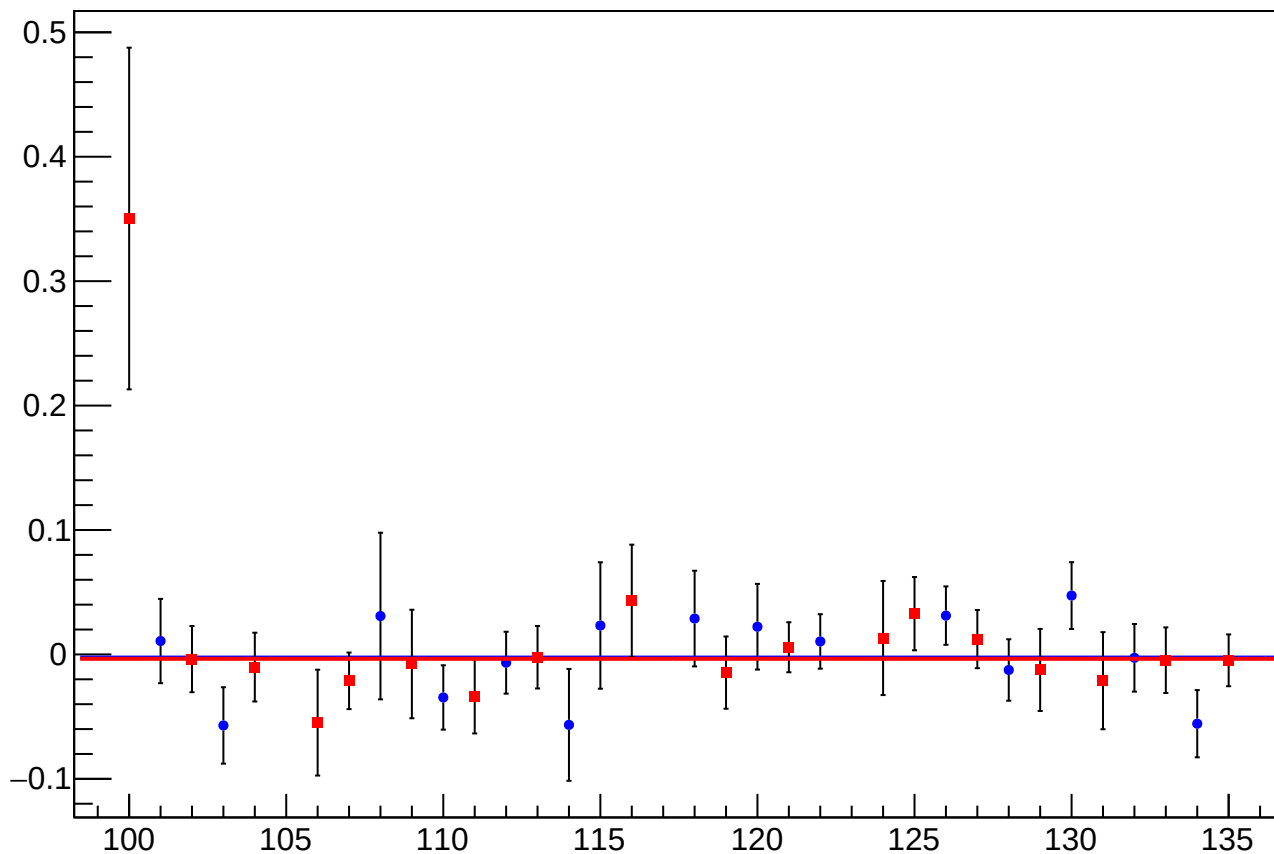
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6839280.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 $\pm$ 0.008 χ^2 /NDF: 17.9/14

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

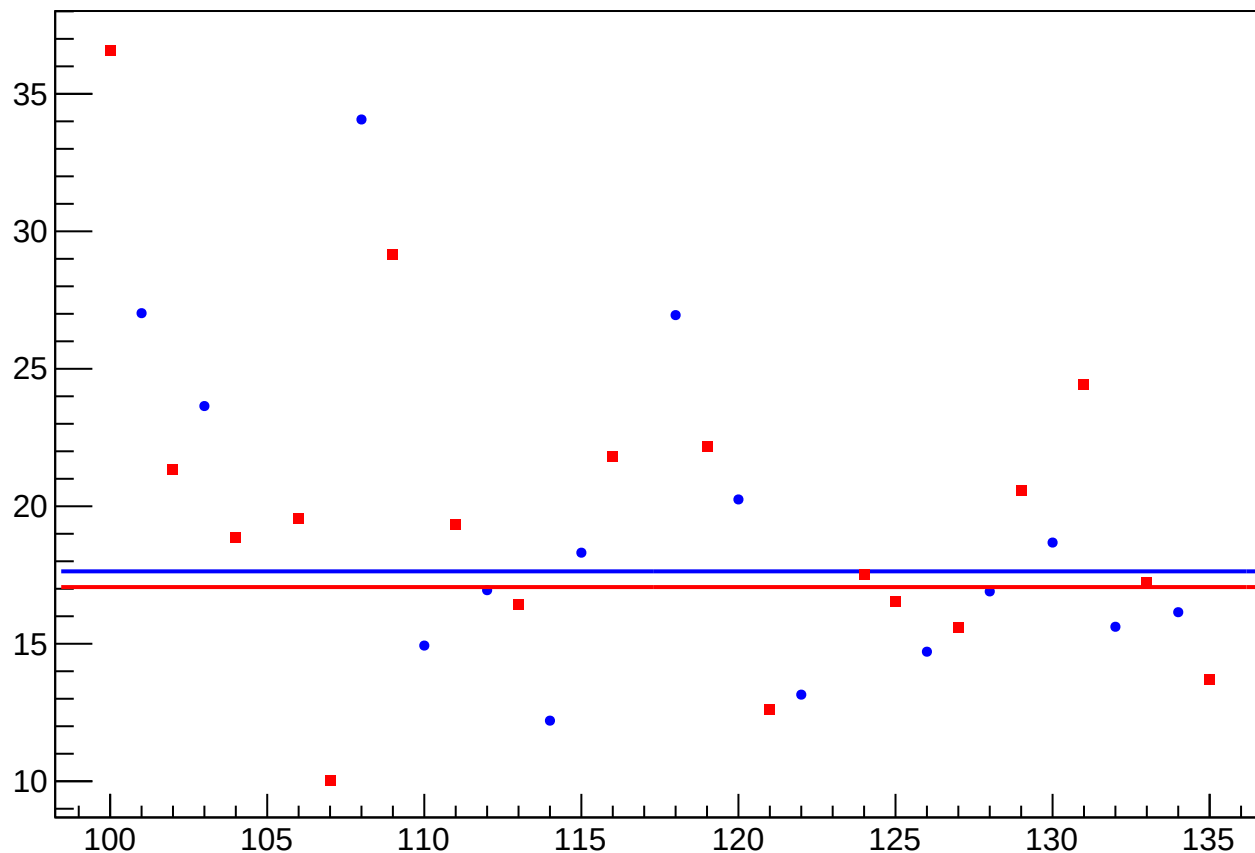
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.005 χ^2 /NDF: 31.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 17.633+/-0.005 χ^2/NDF : 669404.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 17.062+/-0.005 χ^2/NDF : 803497.5/17

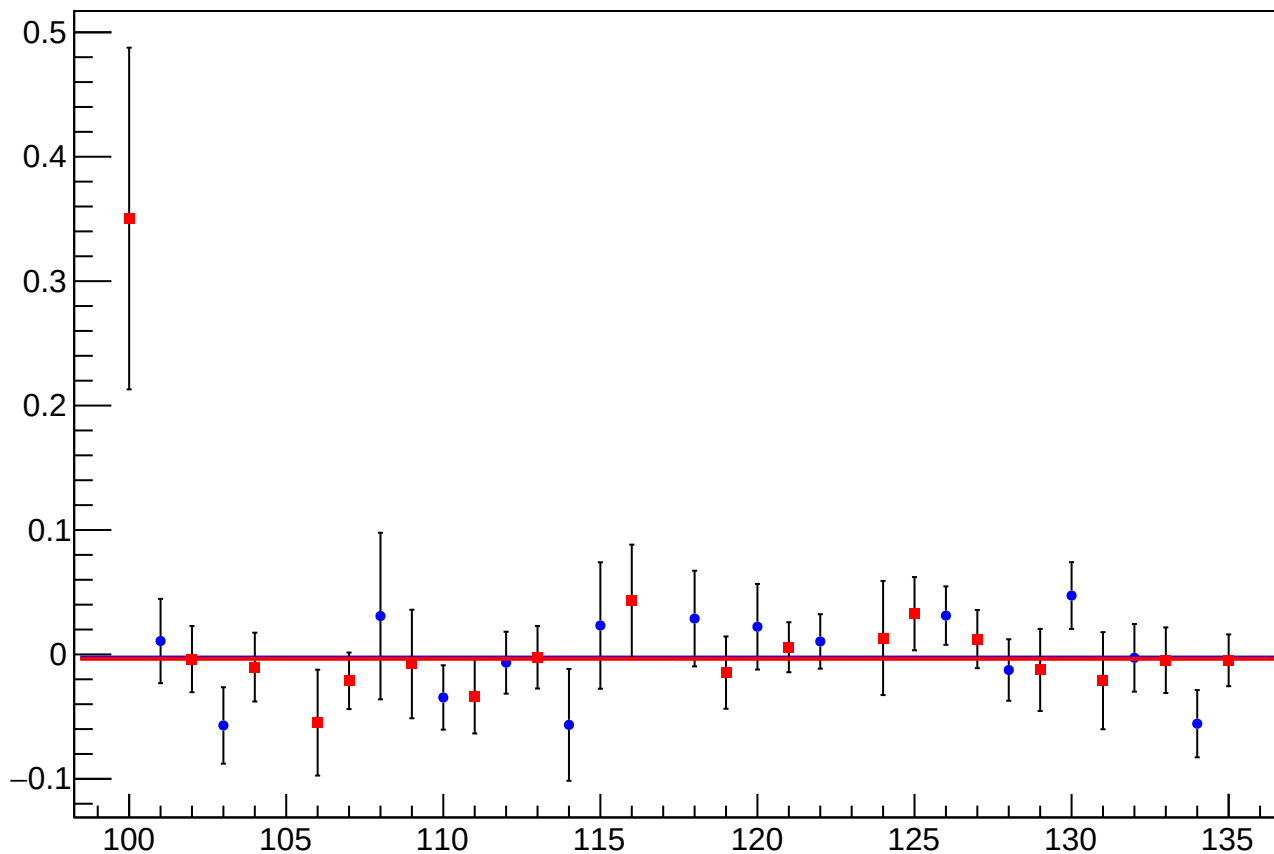
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.317+/-0.004 χ^2/NDF : 1479166.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.008 χ^2/NDF : 17.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.004+/-0.007 χ^2/NDF : 13.6/17

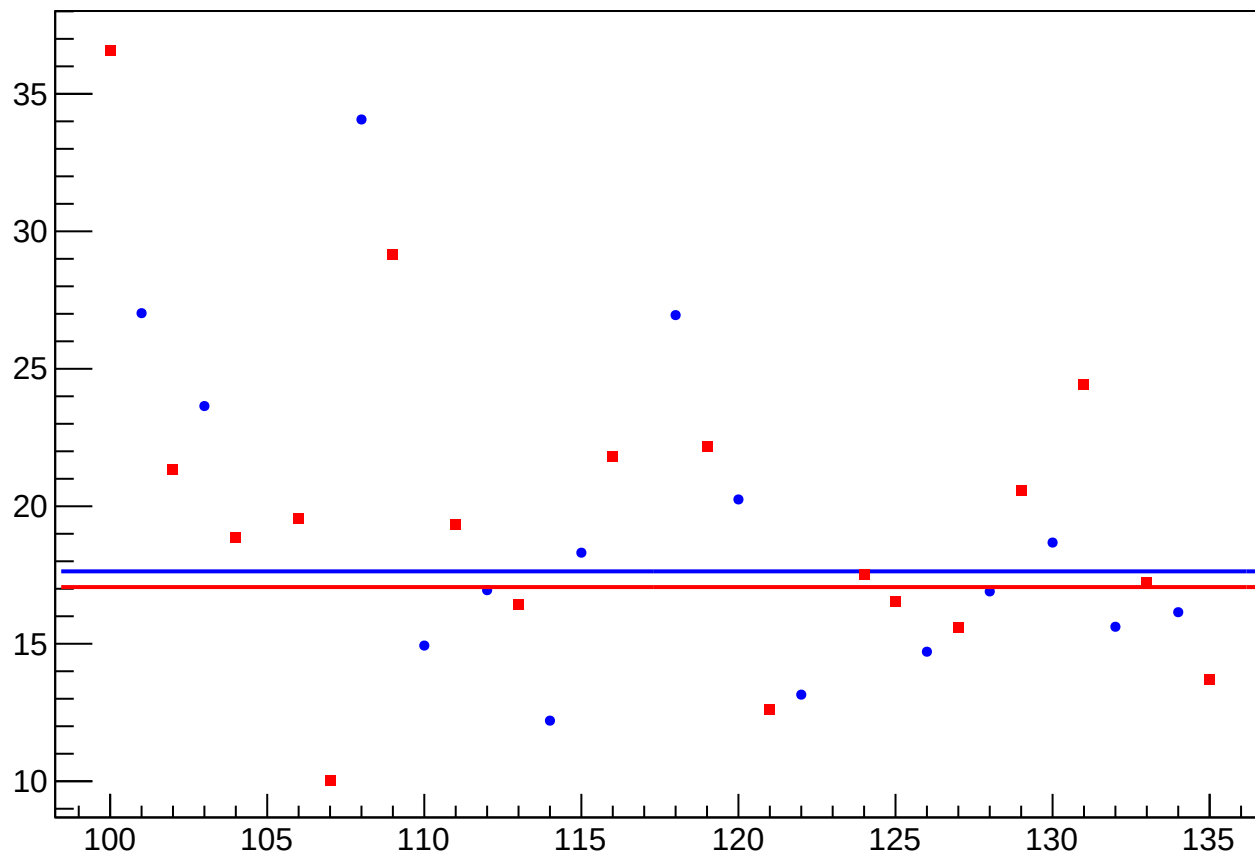
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.003+/-0.005 χ^2/NDF : 31.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 17.633 ± 0.005 $\chi^2/\text{NDF}: 669404.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 17.062 ± 0.005 $\chi^2/\text{NDF}: 803497.5/17$

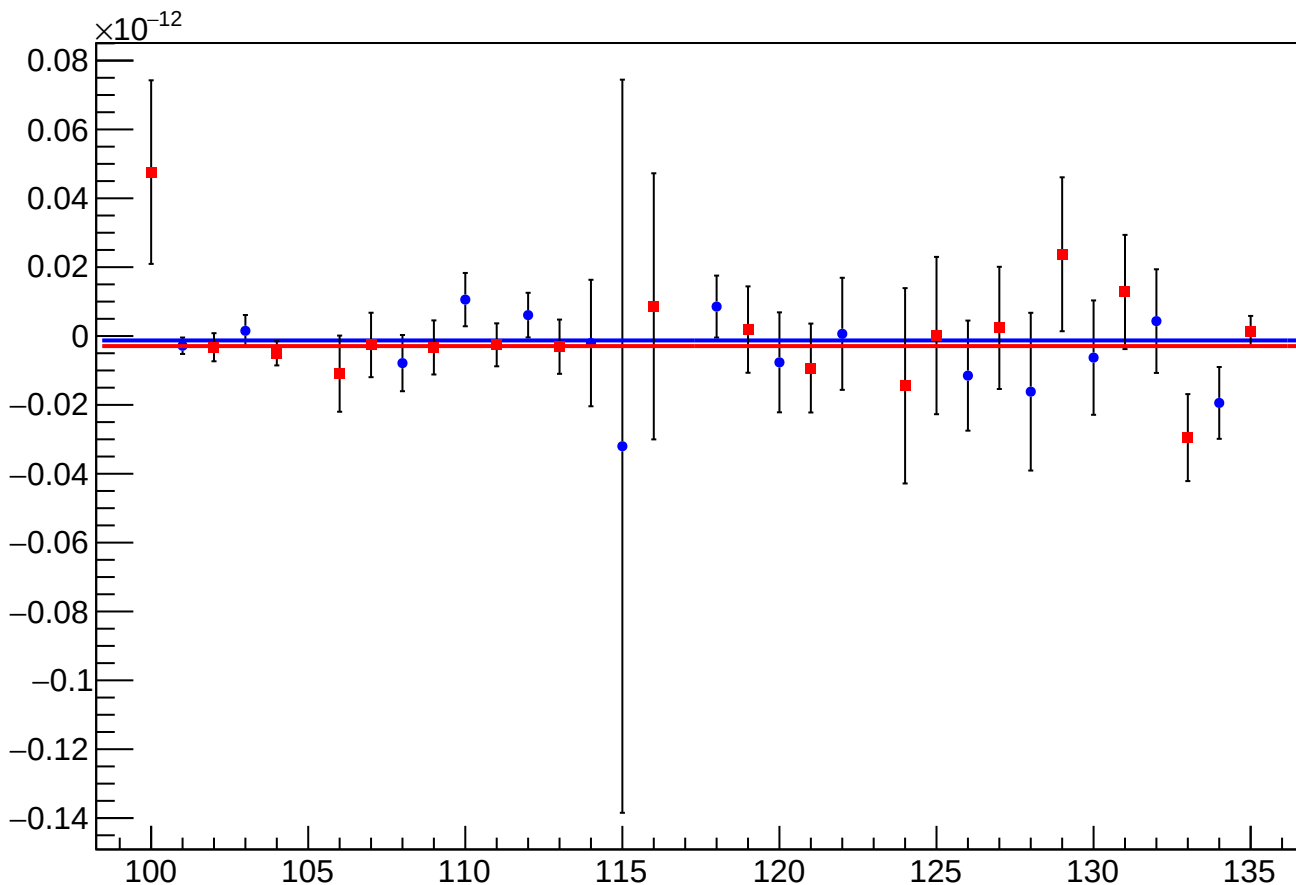
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 17.317 ± 0.004 $\chi^2/\text{NDF}: 1479166.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 10.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 13.0/17

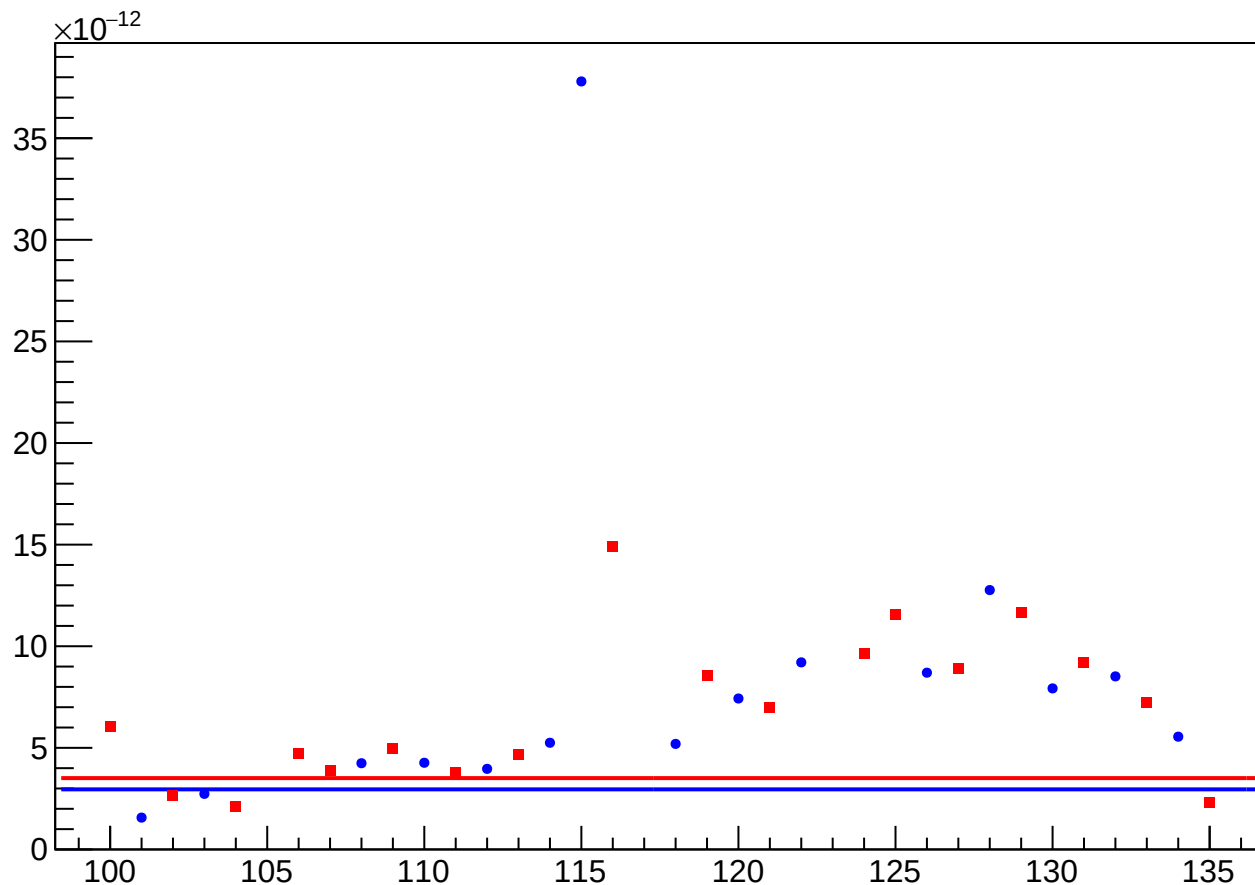
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 24.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 2892995.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2555845.1/17

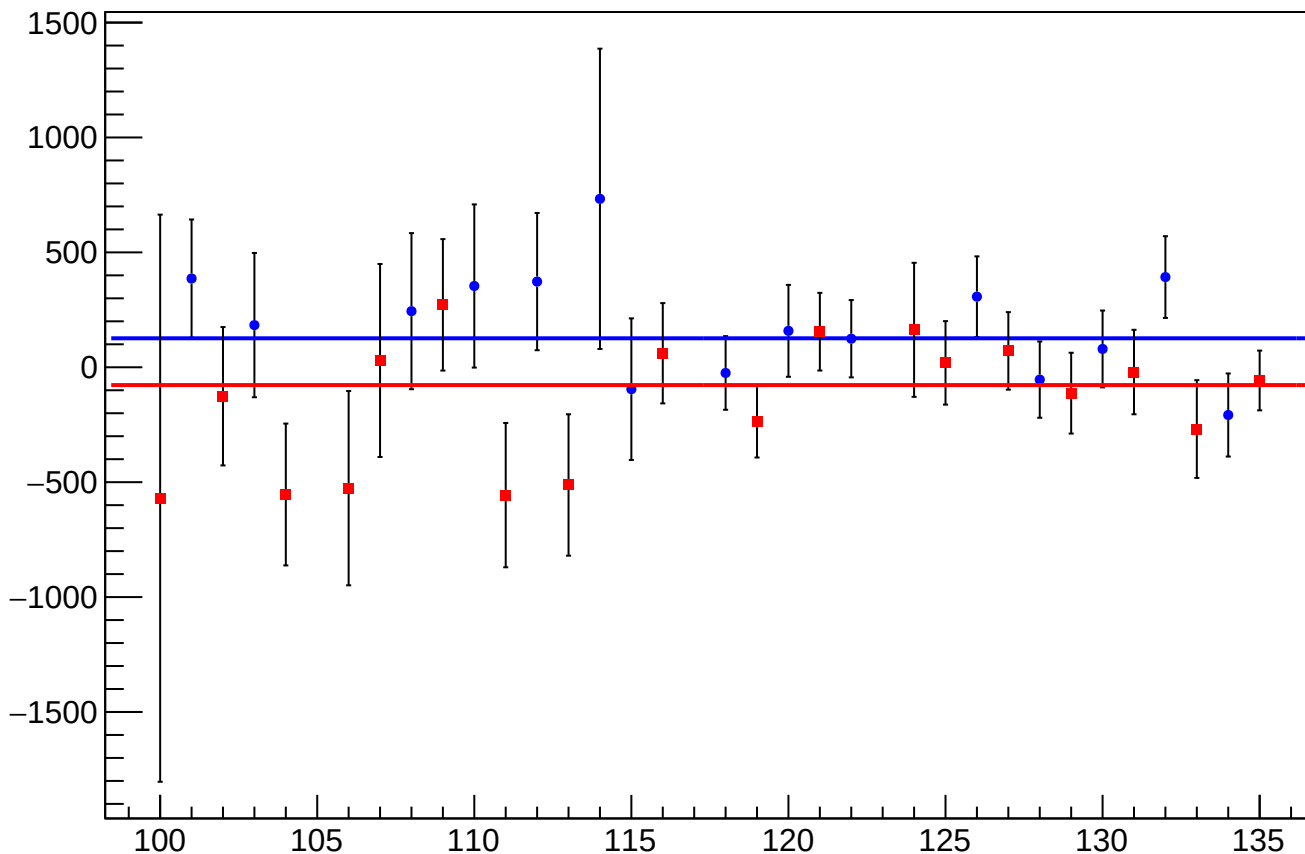
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5545192.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_mean vs Slug



Right In: 126.086 $\pm$ 54.870 χ^2 /NDF: 12.5/14

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

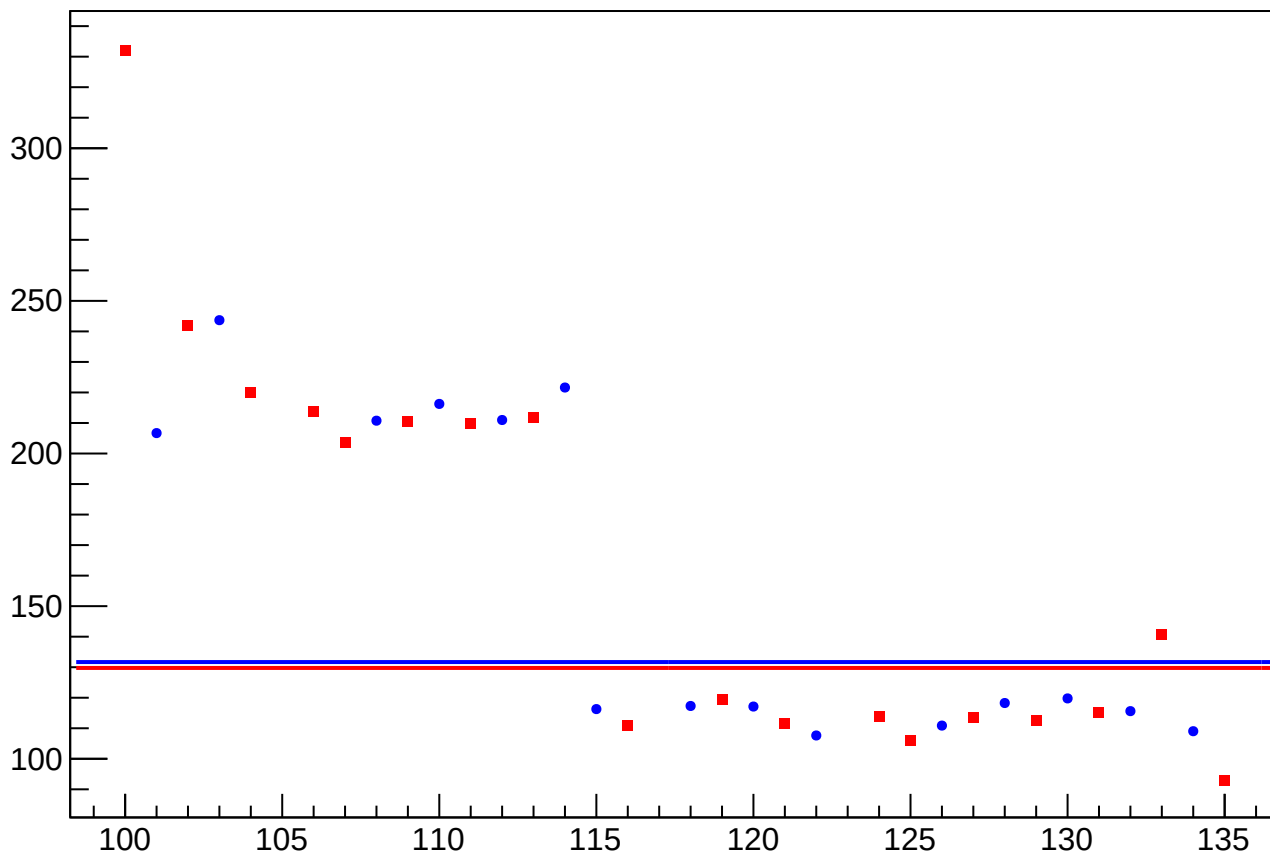
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.912 $\pm$ 37.366 χ^2 /NDF: 35.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_rms vs Slug



Right In: 131.686 $\pm$ 0.039 χ^2 /NDF: 997373.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.761 $\pm$ 0.036 χ^2 /NDF: 1378533.3/17

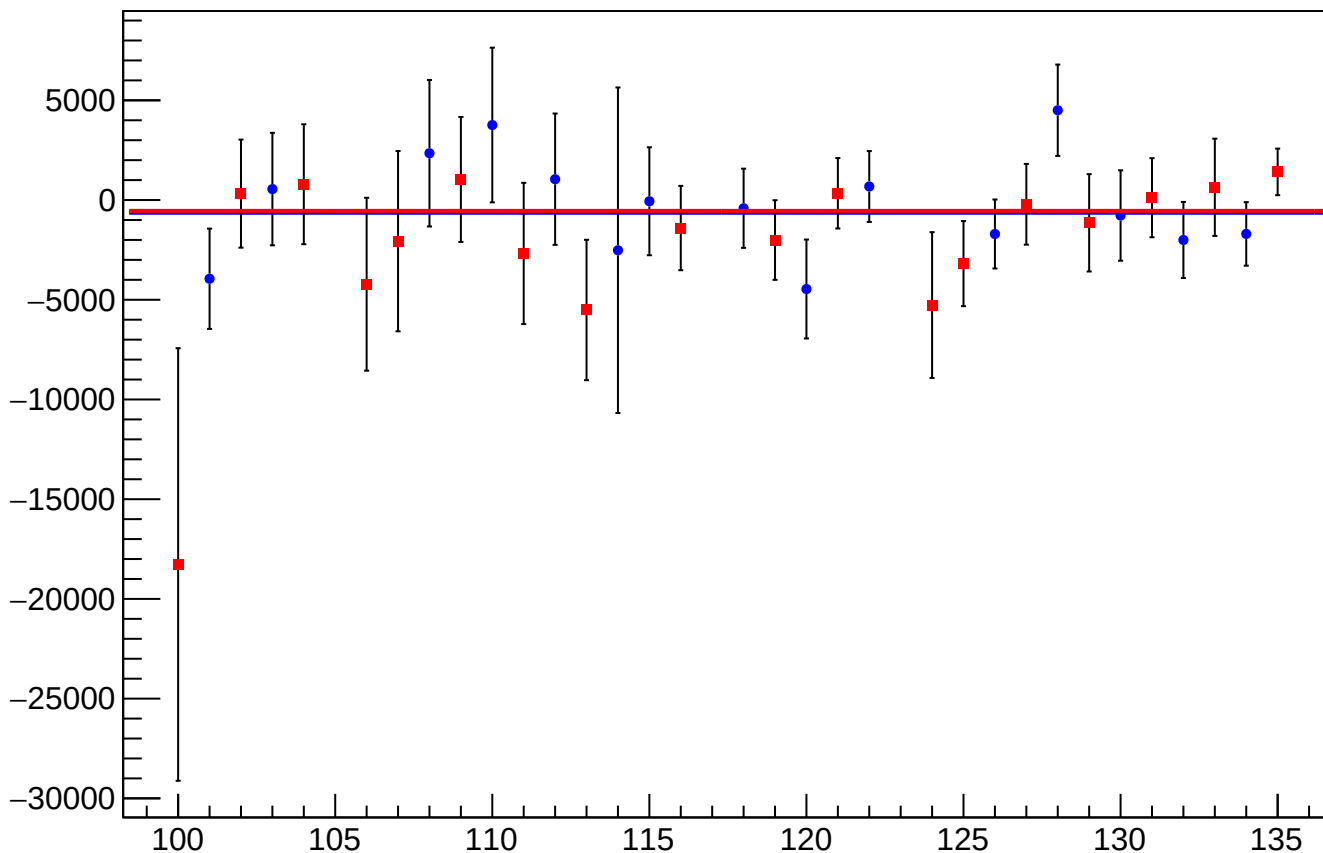
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.653 $\pm$ 0.026 χ^2 /NDF: 2377226.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_correction_mean vs Slug



Right In: -636.766+/-598.698 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -542.090+/-552.363 χ^2/NDF : 13.8/17

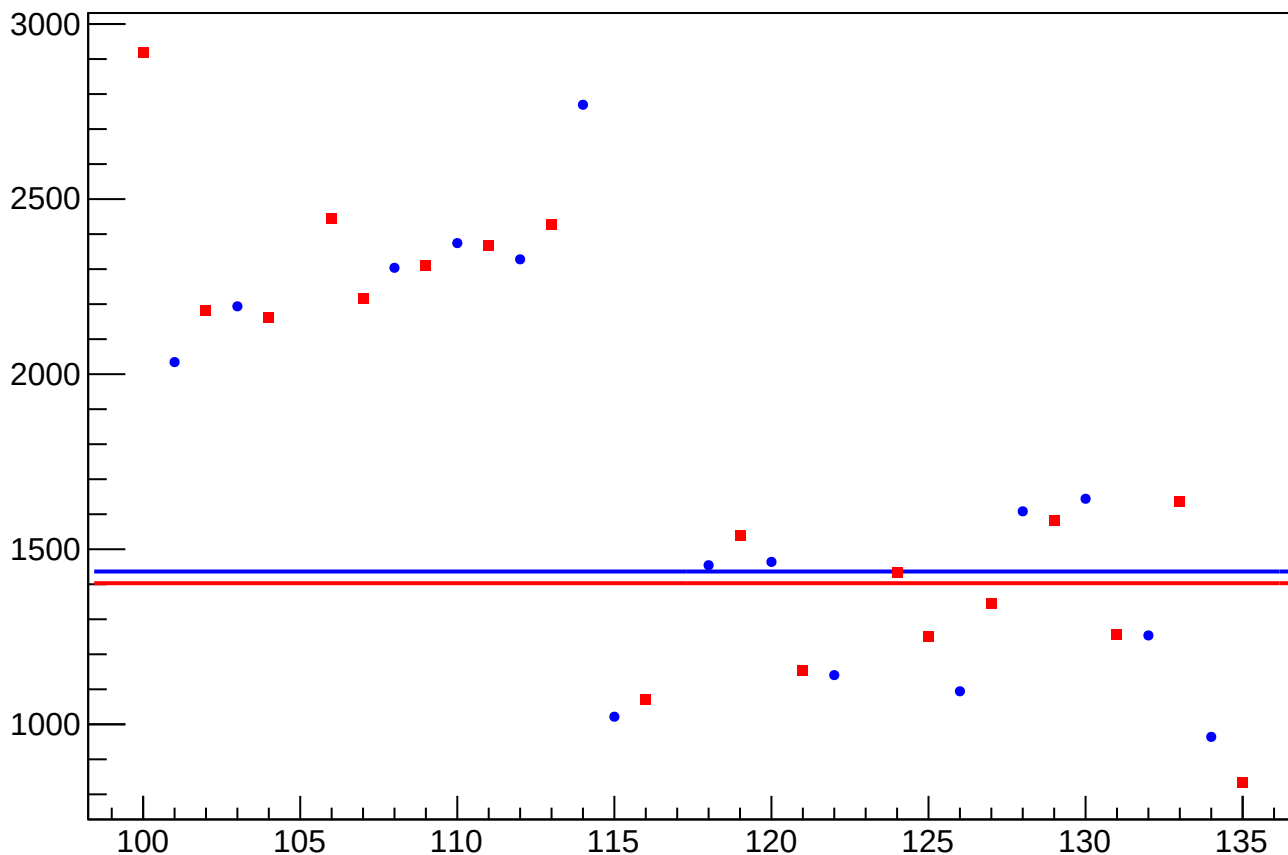
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -585.623+/-405.973 χ^2/NDF : 27.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_correction_rms vs Slug



Right In: 1436.393+/-0.423 χ^2/NDF : 1089240.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

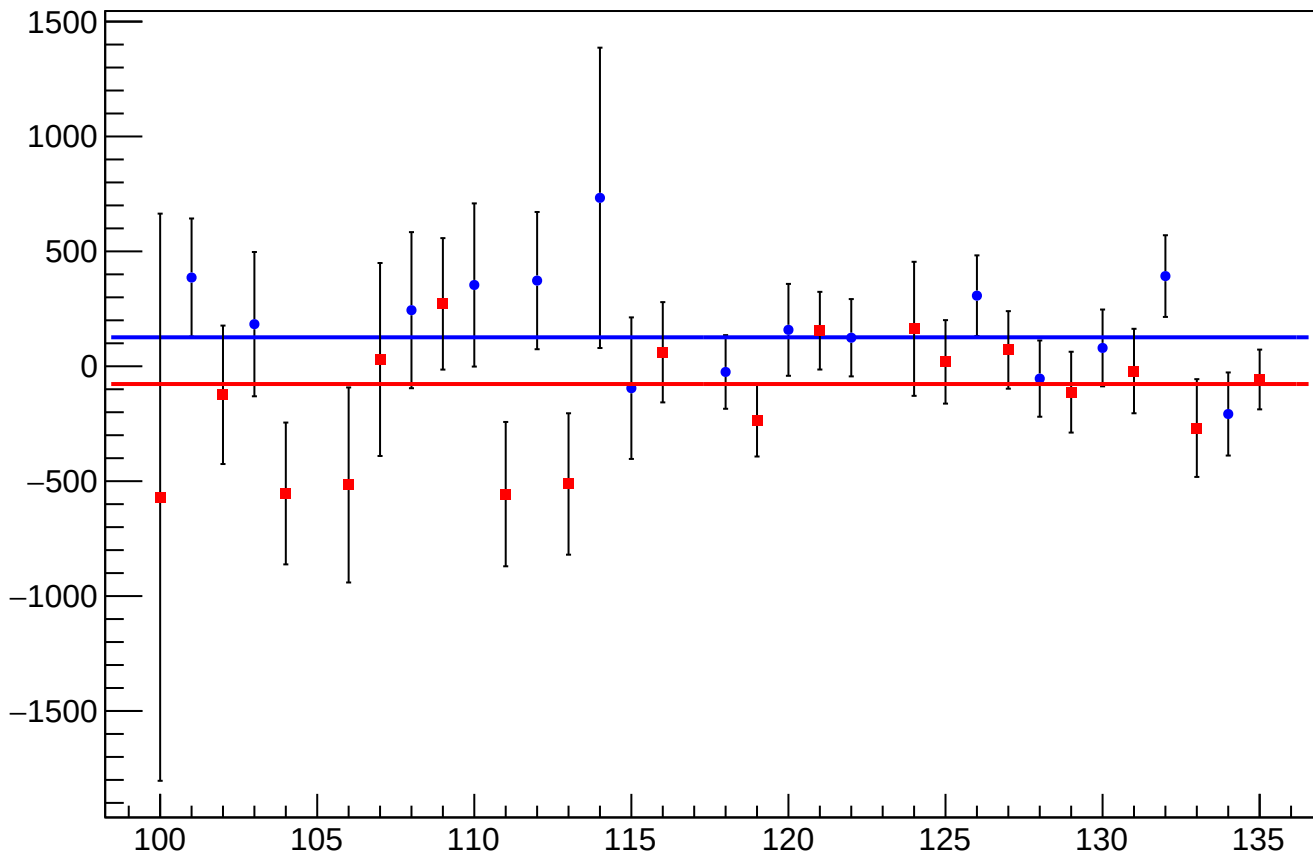
Right Out: 1403.027+/-0.391 χ^2/NDF : 1622729.7/17

All: 1418.369+/-0.287 χ^2/NDF : 2715325.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_avg_mean vs Slug



Right In: 126.071 $\pm$ 54.870 χ^2 /NDF: 12.5/14

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

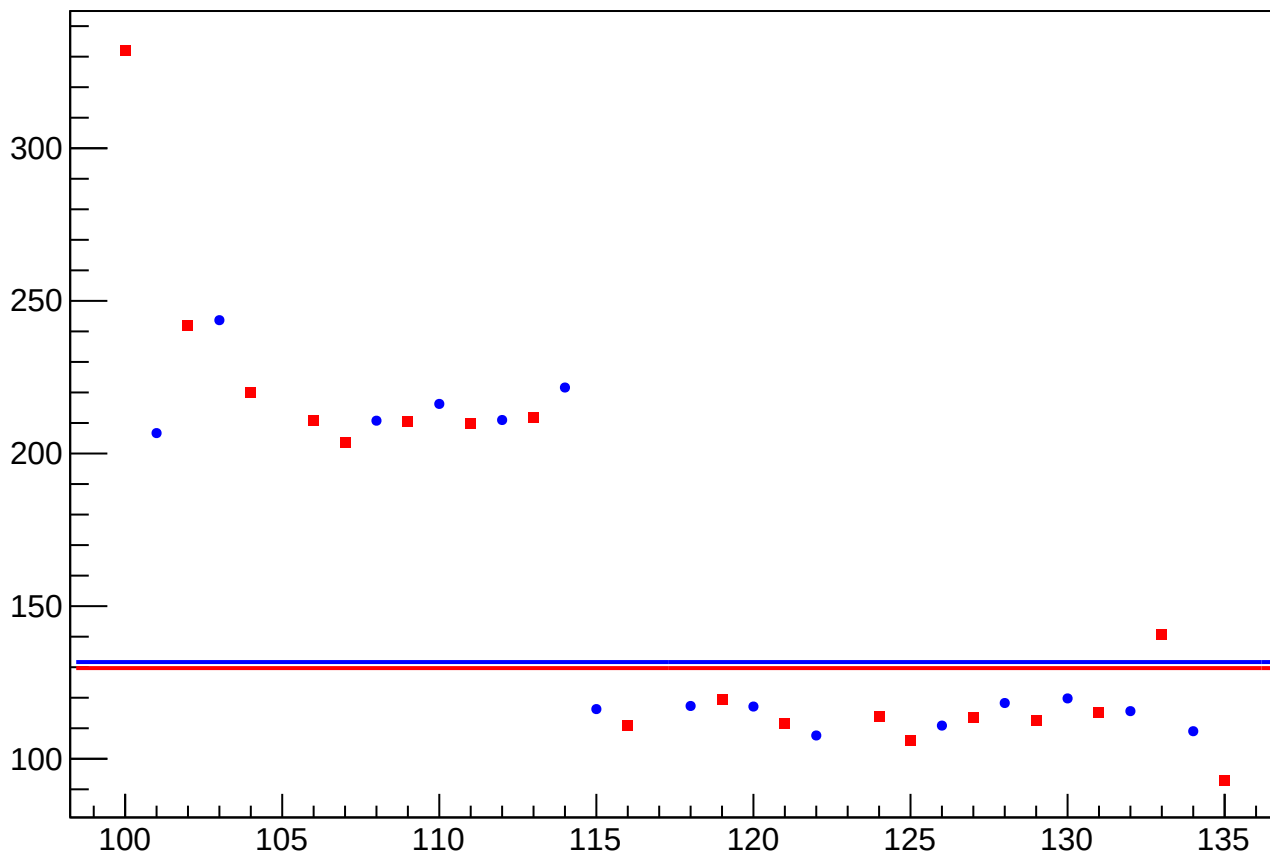
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.041 $\pm$ 37.367 χ^2 /NDF: 35.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_avg_rms vs Slug



Right In: 131.686 $\pm$ 0.039 χ^2 /NDF: 997375.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.707 $\pm$ 0.036 χ^2 /NDF: 1372650.4/17

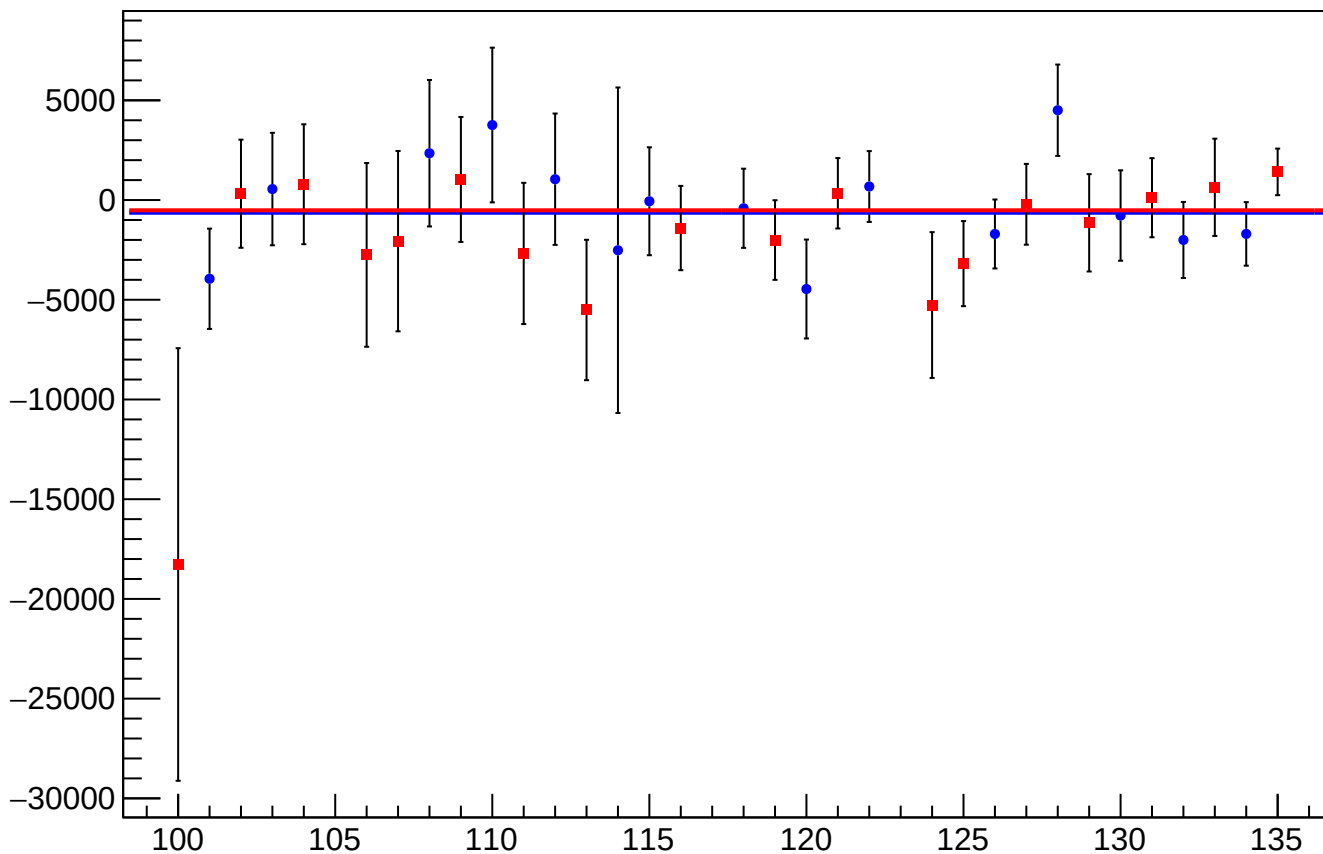
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.625 $\pm$ 0.026 χ^2 /NDF: 2371419.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_cor_correction_mean vs Slug



Right In: -636.722 ± 598.699 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -514.286 ± 552.894 χ^2/NDF : 13.3/17

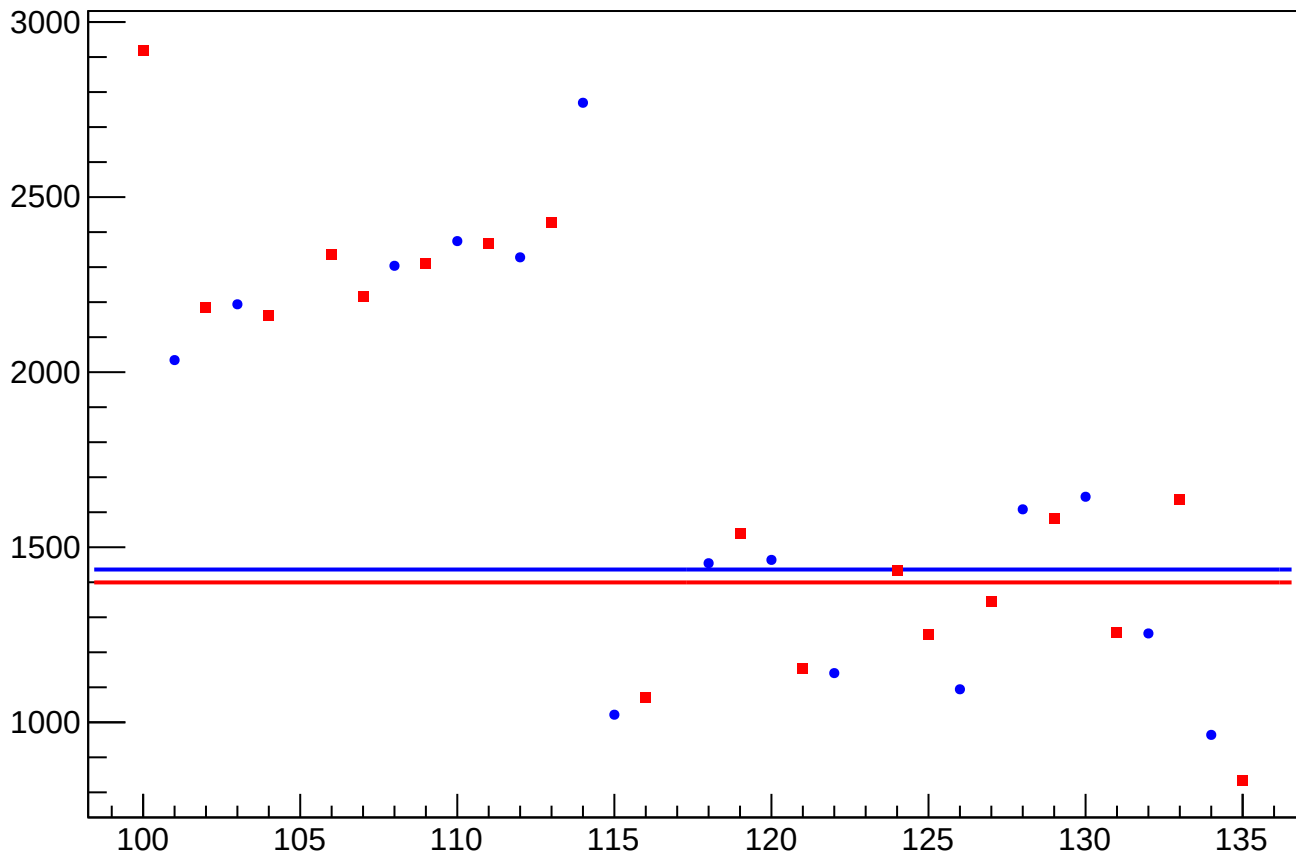
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -570.642 ± 406.185 χ^2/NDF : 26.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_cor_correction_rms vs Slug



Right In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1399.524+/-0.391 χ^2/NDF : 1589428.9/17

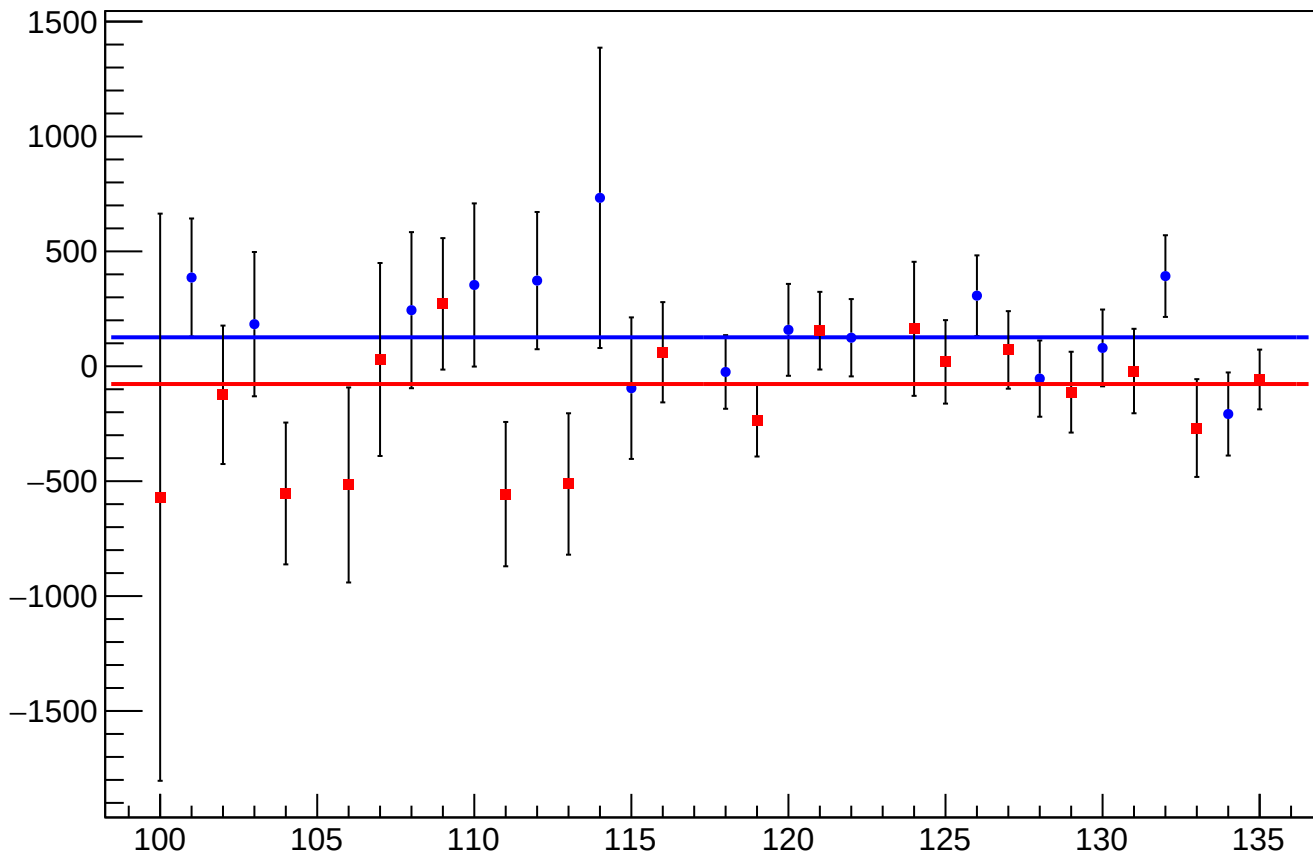
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1416.494+/-0.287 χ^2/NDF : 2682793.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_avg_mean vs Slug



Right In: 126.071 $\pm$ 54.870 χ^2 /NDF: 12.5/14

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

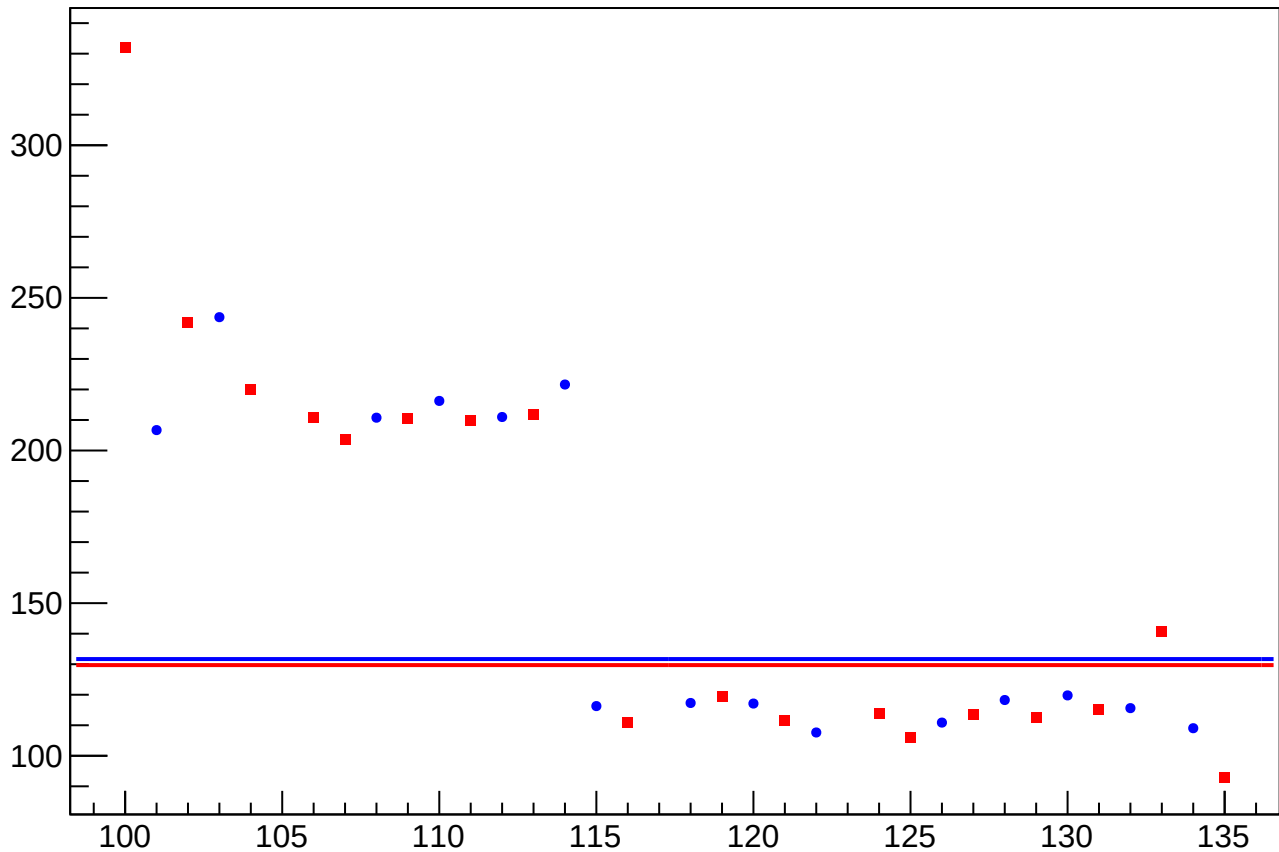
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 17.041 $\pm$ 37.367 χ^2 /NDF: 35.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_avg_rms vs Slug



Right In: 131.686 $\pm$ 0.039 χ^2 /NDF: 997375.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 129.707 $\pm$ 0.036 χ^2 /NDF: 1372650.4/17

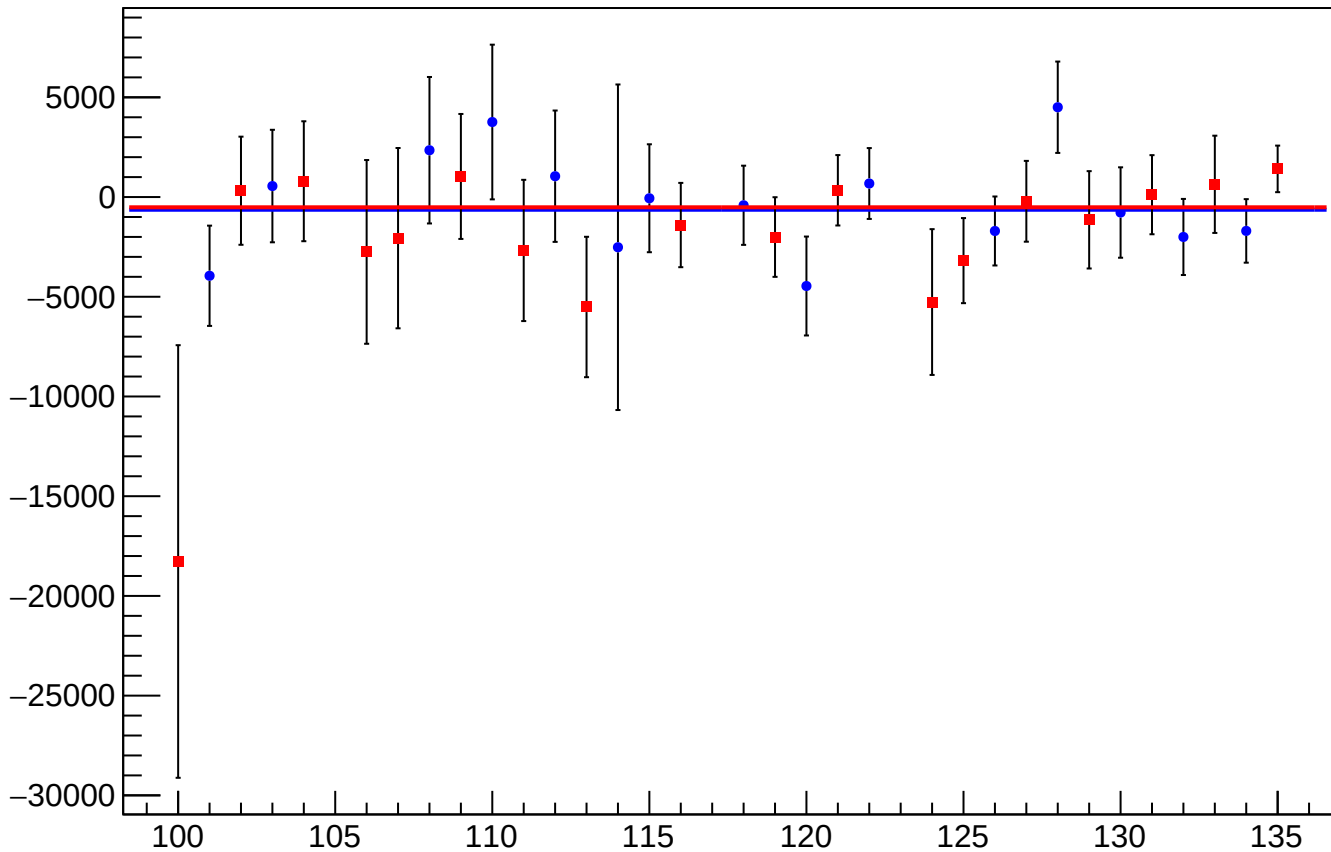
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 130.625 $\pm$ 0.026 χ^2 /NDF: 2371419.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_mean vs Slug



Right In: -636.722+/-598.699 χ^2 /NDF: 13.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -514.286+/-552.894 χ^2 /NDF: 13.3/17

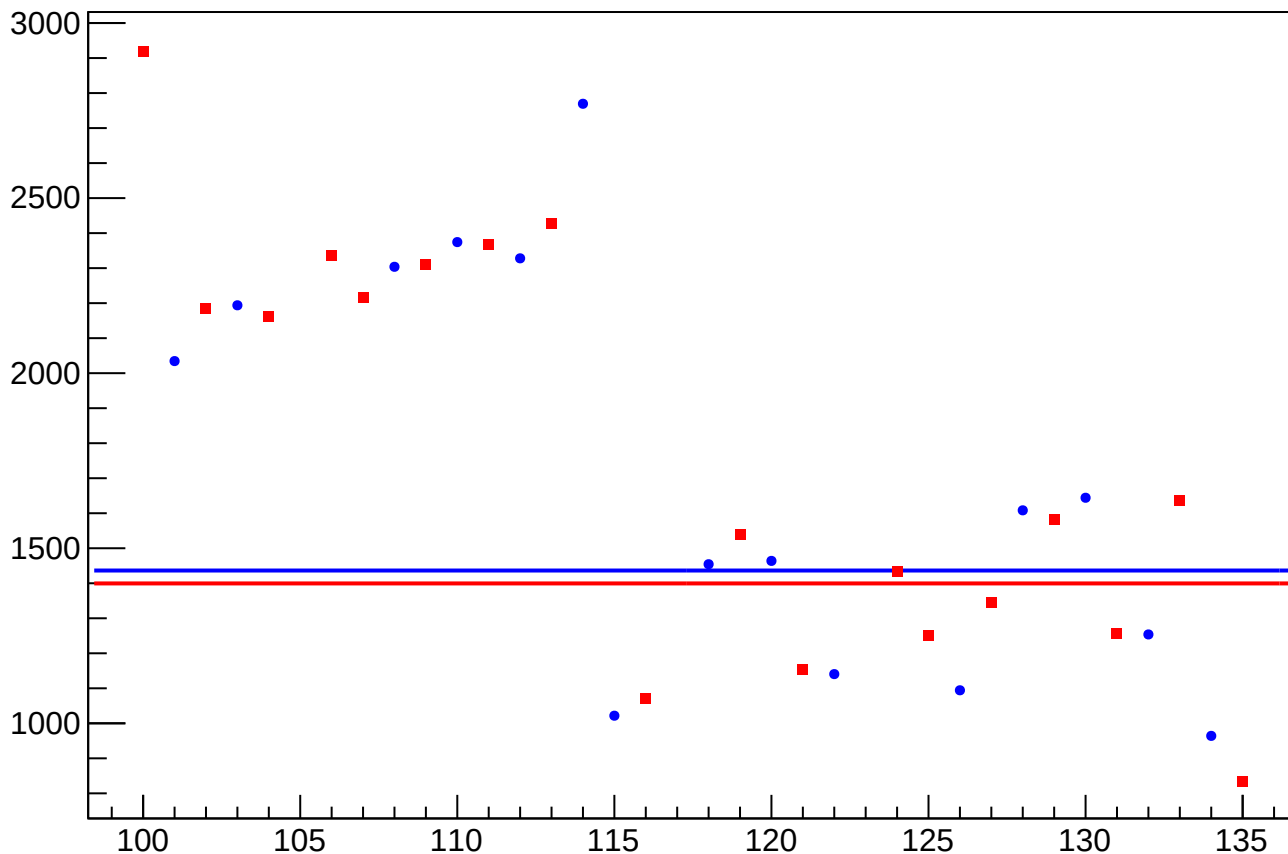
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -570.642+/-406.185 χ^2 /NDF: 26.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_correction_rms vs Slug



Right In: 1436.393+/-0.423 χ^2/NDF : 1089271.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

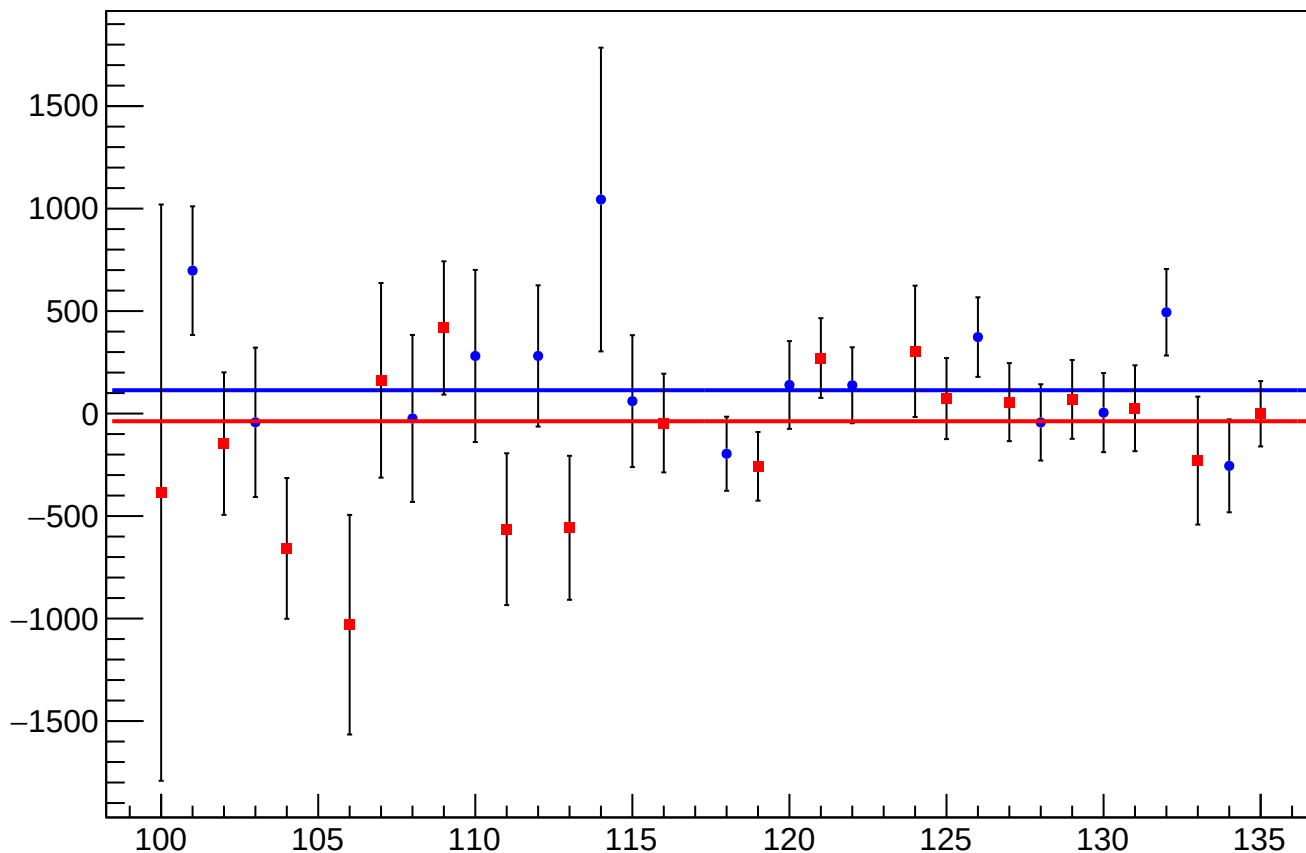
Right Out: 1399.524+/-0.391 χ^2/NDF : 1589428.9/17

All: 1416.494+/-0.287 χ^2/NDF : 2682793.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_avg_mean vs Slug



Right In: 113.871 $\pm$ 62.614 χ^2 /NDF: 17.4/14

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

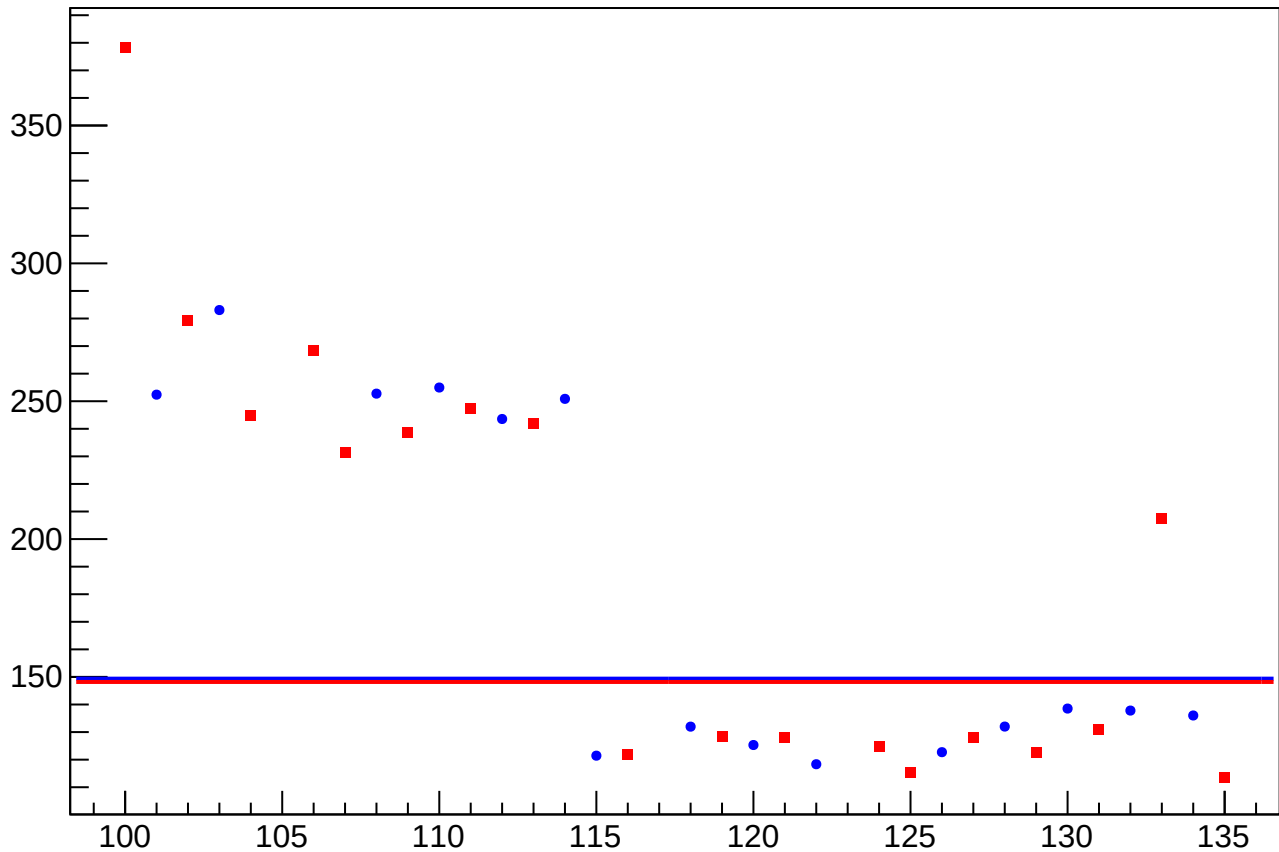
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.166 $\pm$ 42.763 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_avg_rms vs Slug



Right In: 149.378 $\pm$ 0.044 χ^2 /NDF: 1116606.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 148.181 $\pm$ 0.041 χ^2 /NDF: 1476435.1/17

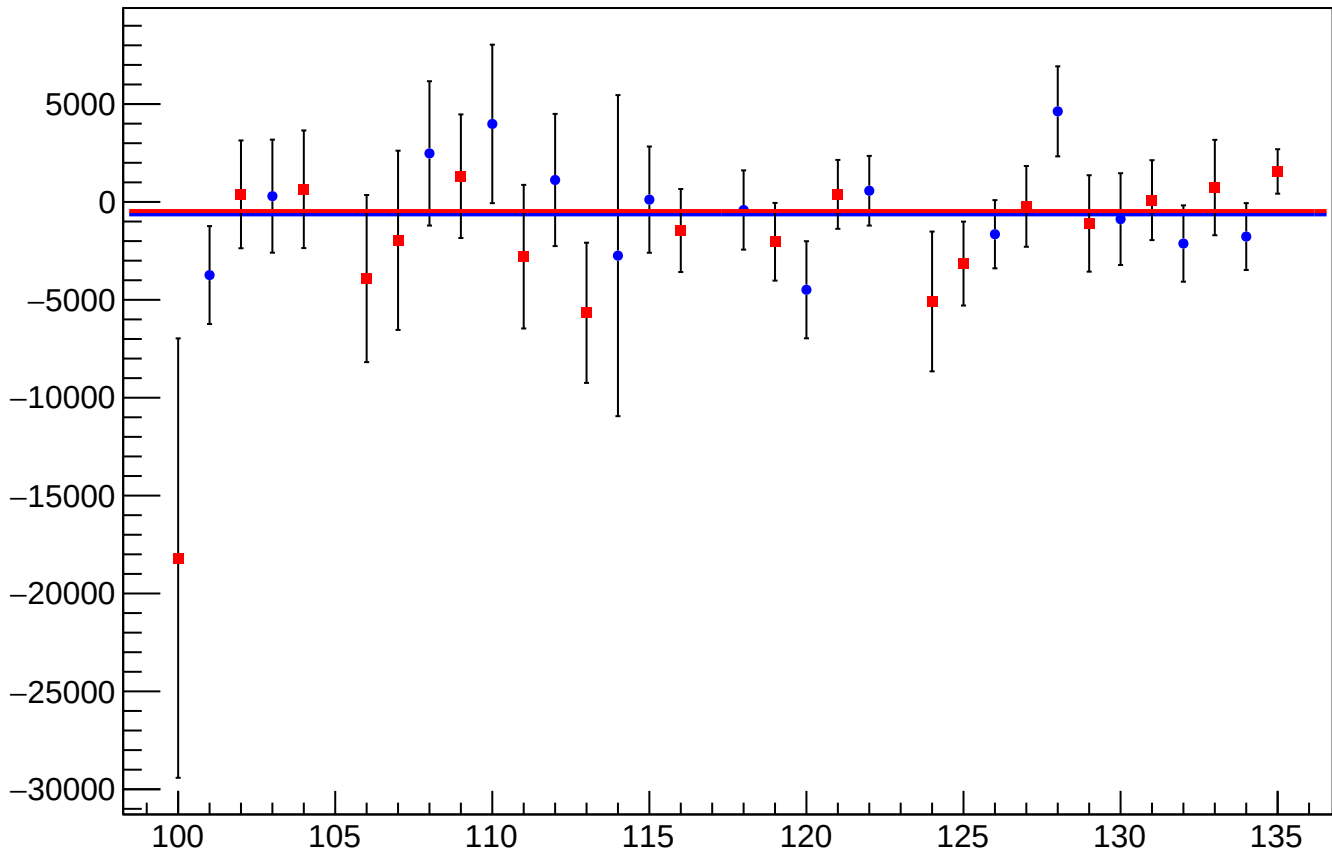
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.740 $\pm$ 0.030 χ^2 /NDF: 2593431.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_correction_mean vs Slug



Right In: -635.538+/-610.619 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -465.043+/-551.635 χ^2/NDF : 14.2/17

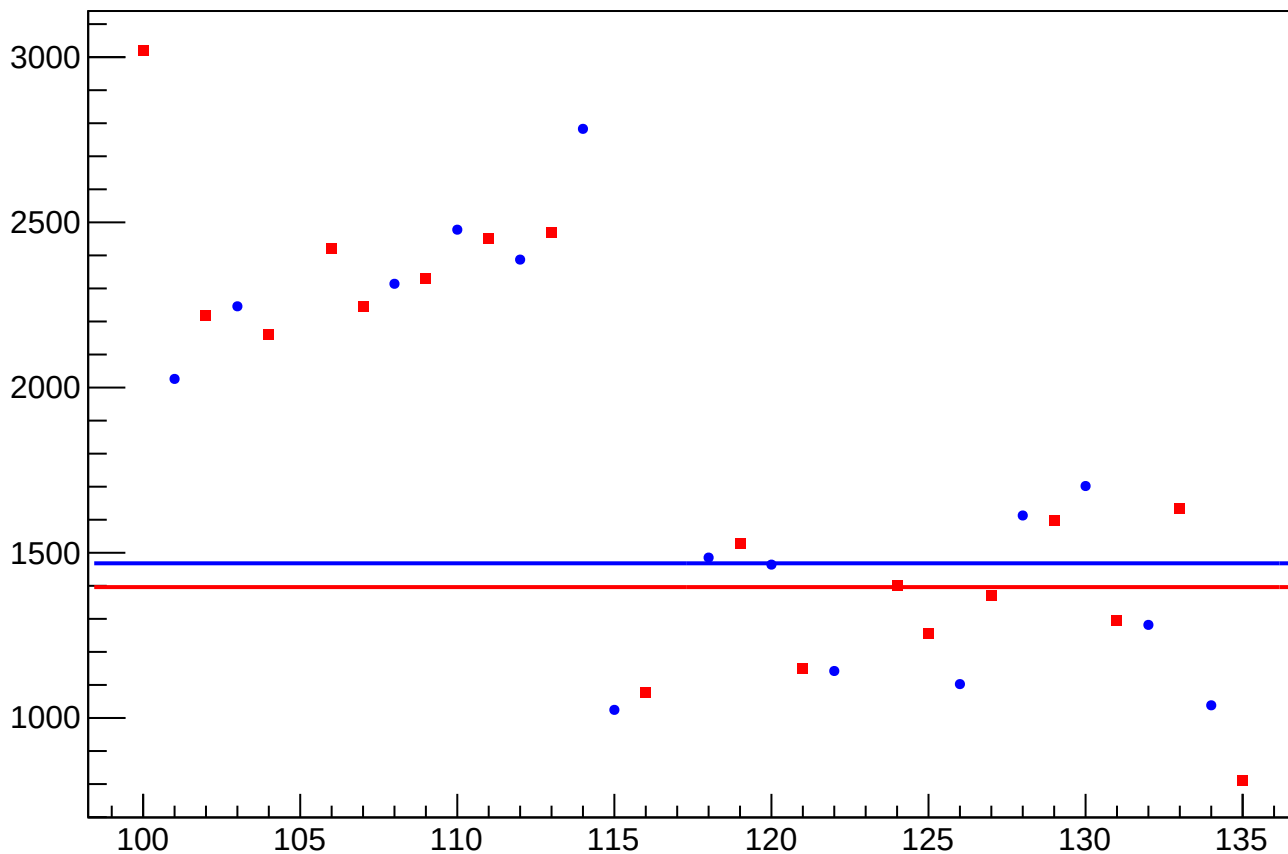
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -541.660+/-409.334 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_correction_rms vs Slug



Right In: 1468.125+/-0.432 χ^2/NDF : 1055721.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

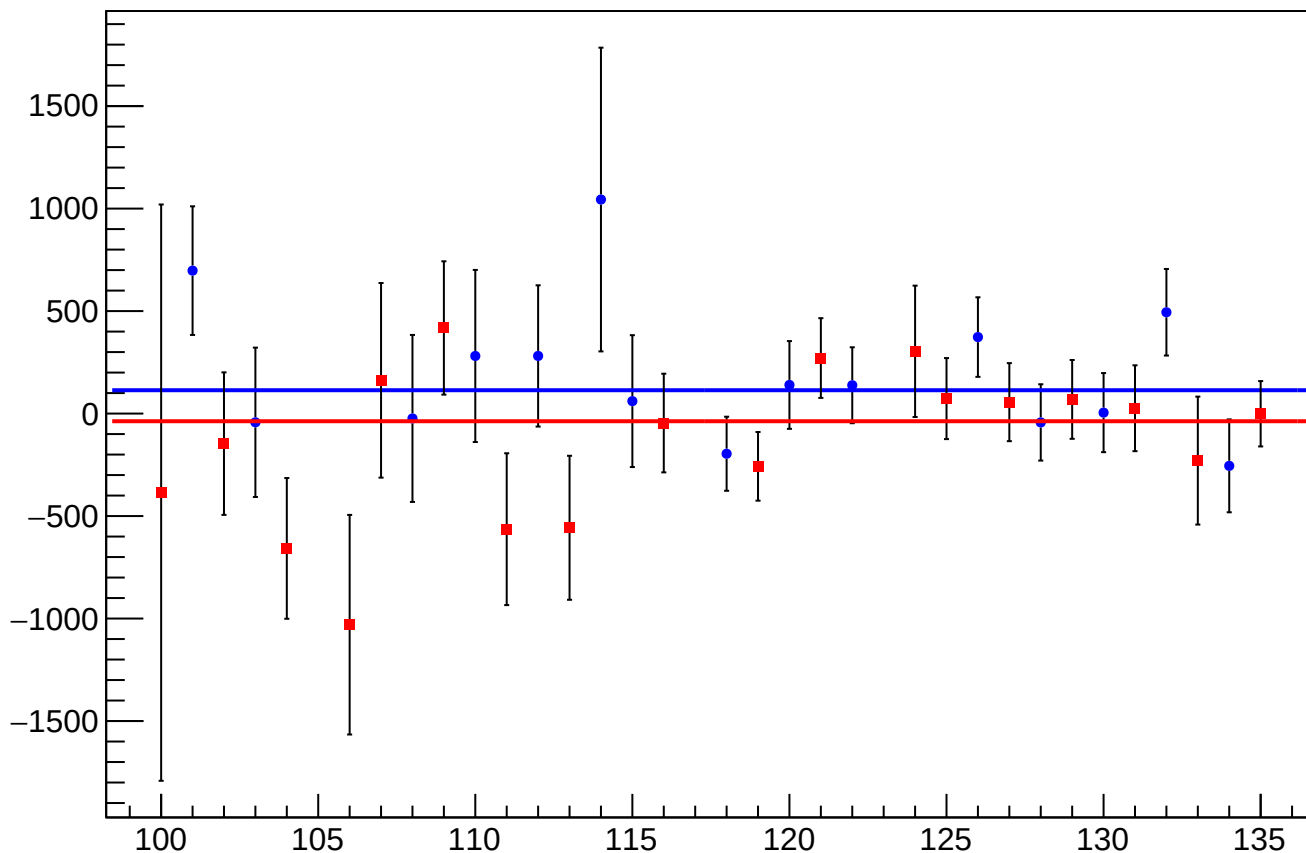
Right Out: 1396.138+/-0.390 χ^2/NDF : 1726333.9/17

All: 1428.488+/-0.289 χ^2/NDF : 2797361.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_avg_mean vs Slug



Right In: 113.872 $\pm$ 62.614 χ^2 /NDF: 17.4/14

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

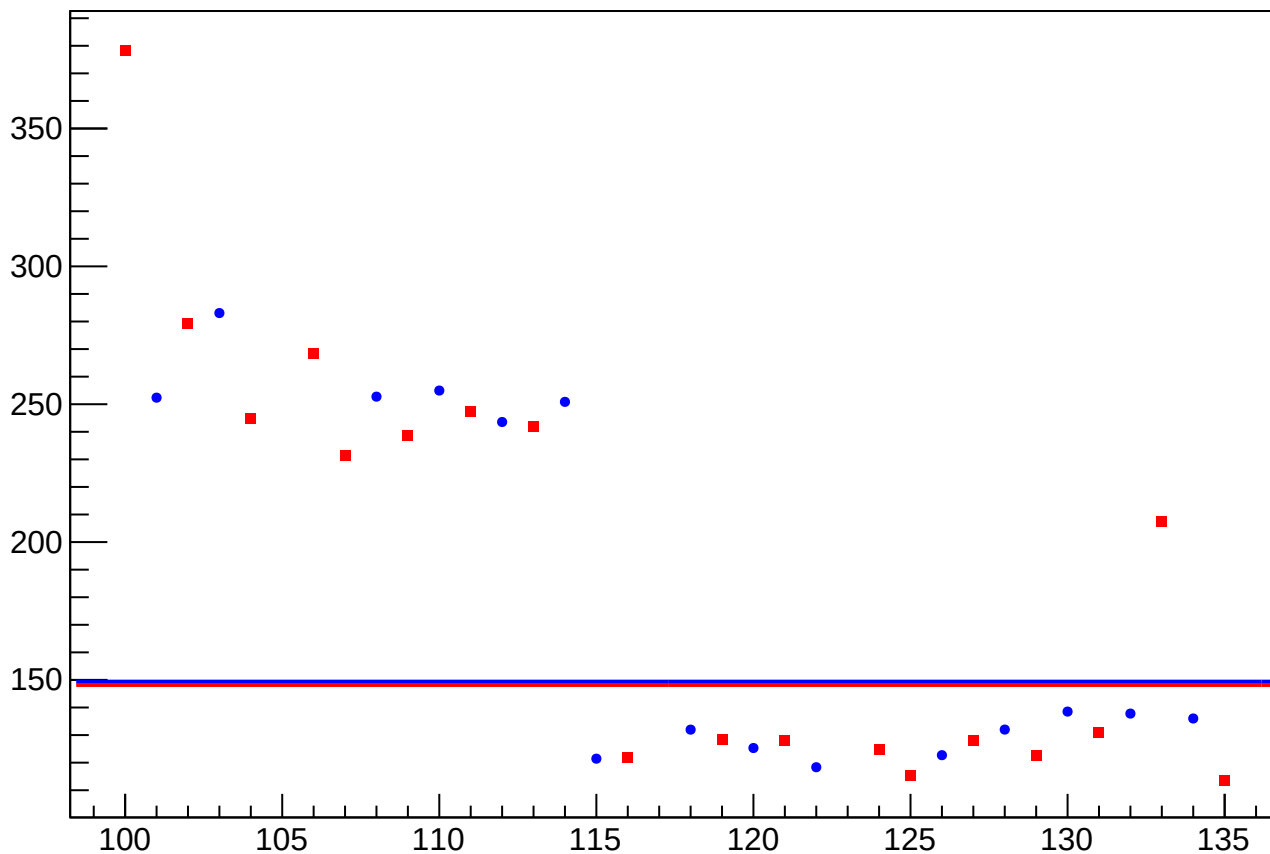
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.167 $\pm$ 42.763 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_avg_rms vs Slug



Right In: 149.377+/-0.044 χ^2/NDF : 1116598.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 148.181+/-0.041 χ^2/NDF : 1476421.4/17

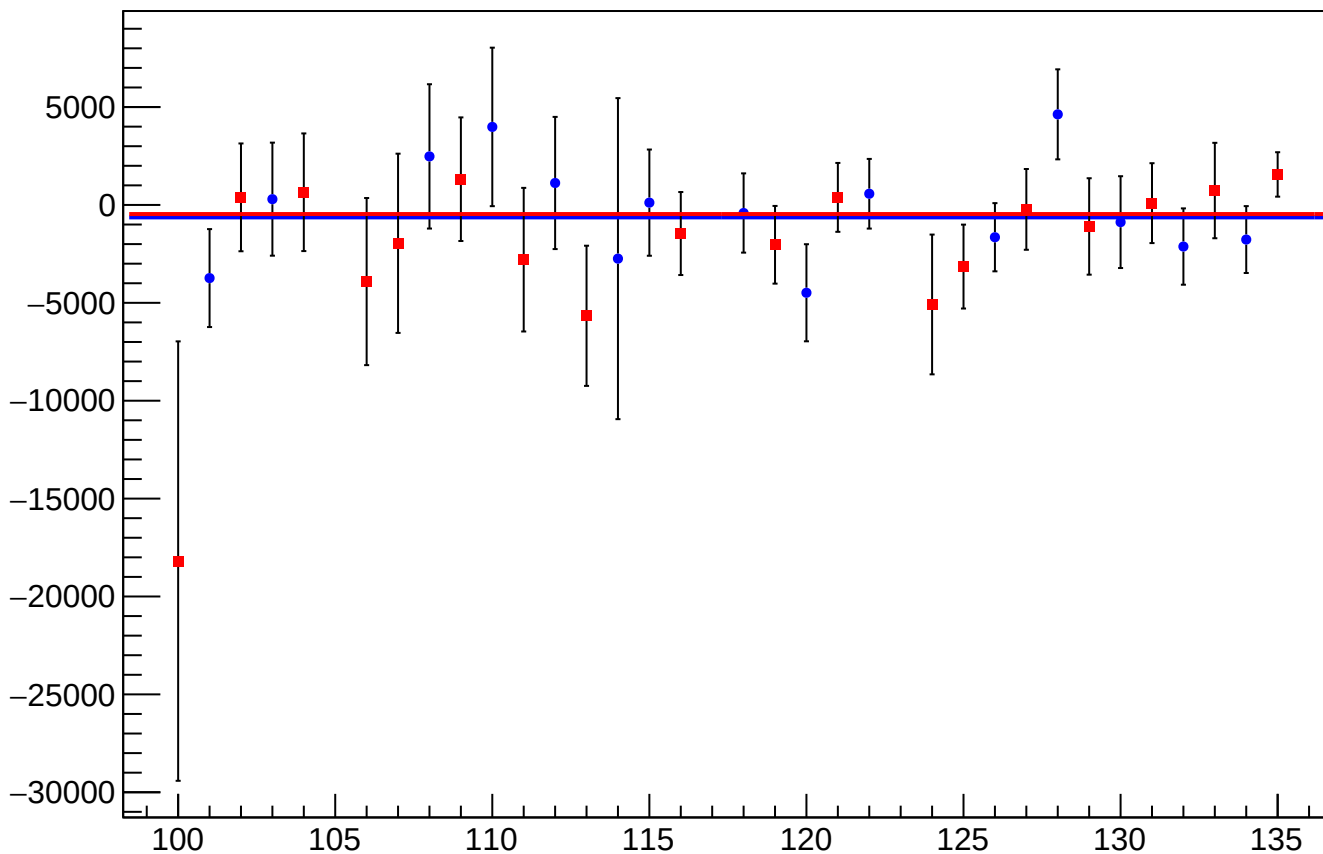
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.739+/-0.030 χ^2/NDF : 2593409.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_mean vs Slug



Right In: -635.537 ± 610.617 χ^2/NDF : 13.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -465.044 ± 551.635 χ^2/NDF : 14.2/17

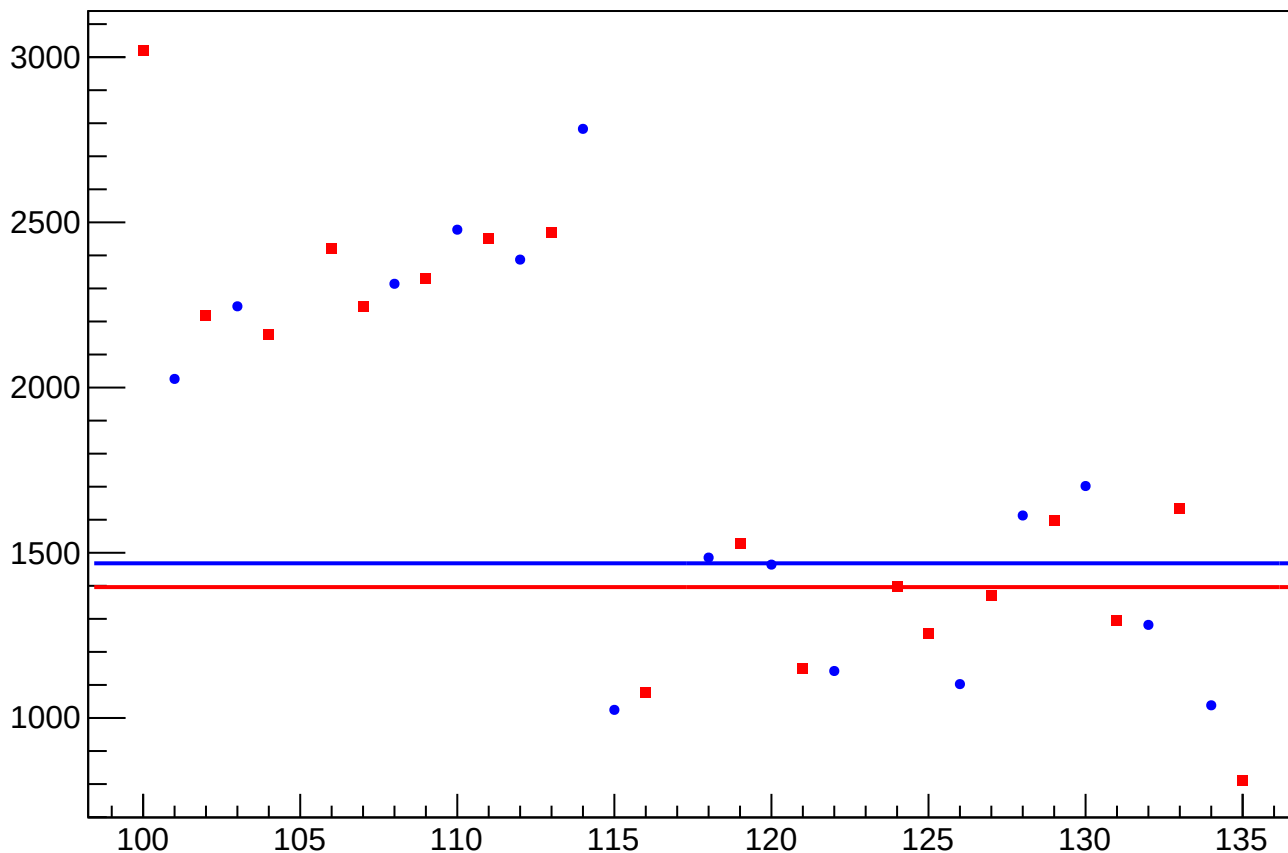
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -541.660 ± 409.333 χ^2/NDF : 27.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_correction_rms vs Slug



Right In: 1468.123+/-0.432 χ^2/NDF : 1055708.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

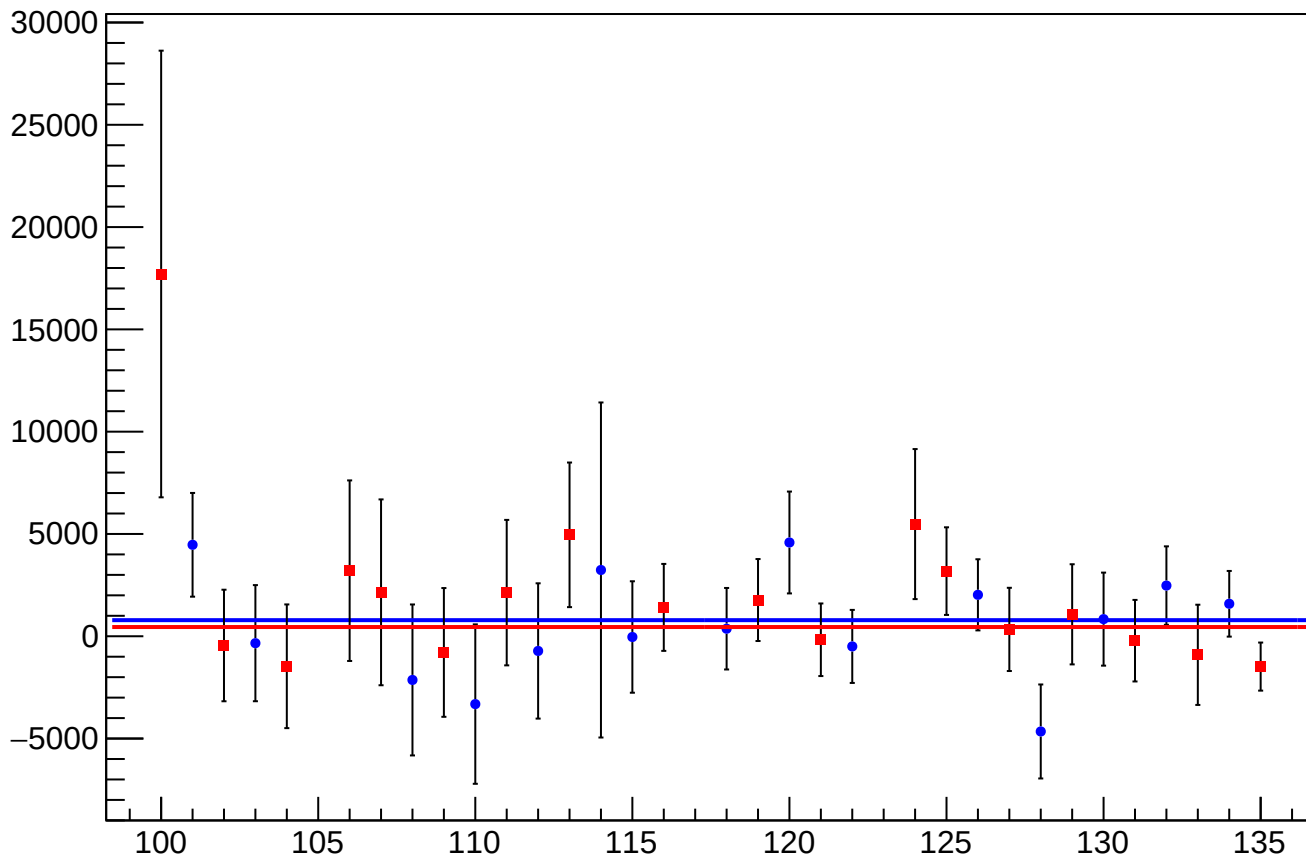
Right Out: 1396.137+/-0.390 χ^2/NDF : 1726318.0/17

All: 1428.486+/-0.289 χ^2/NDF : 2797331.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_mean vs Slug



Right In: 786.550 $\pm$ 601.781 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 450.829 $\pm$ 555.145 χ^2 /NDF: 13.0/17

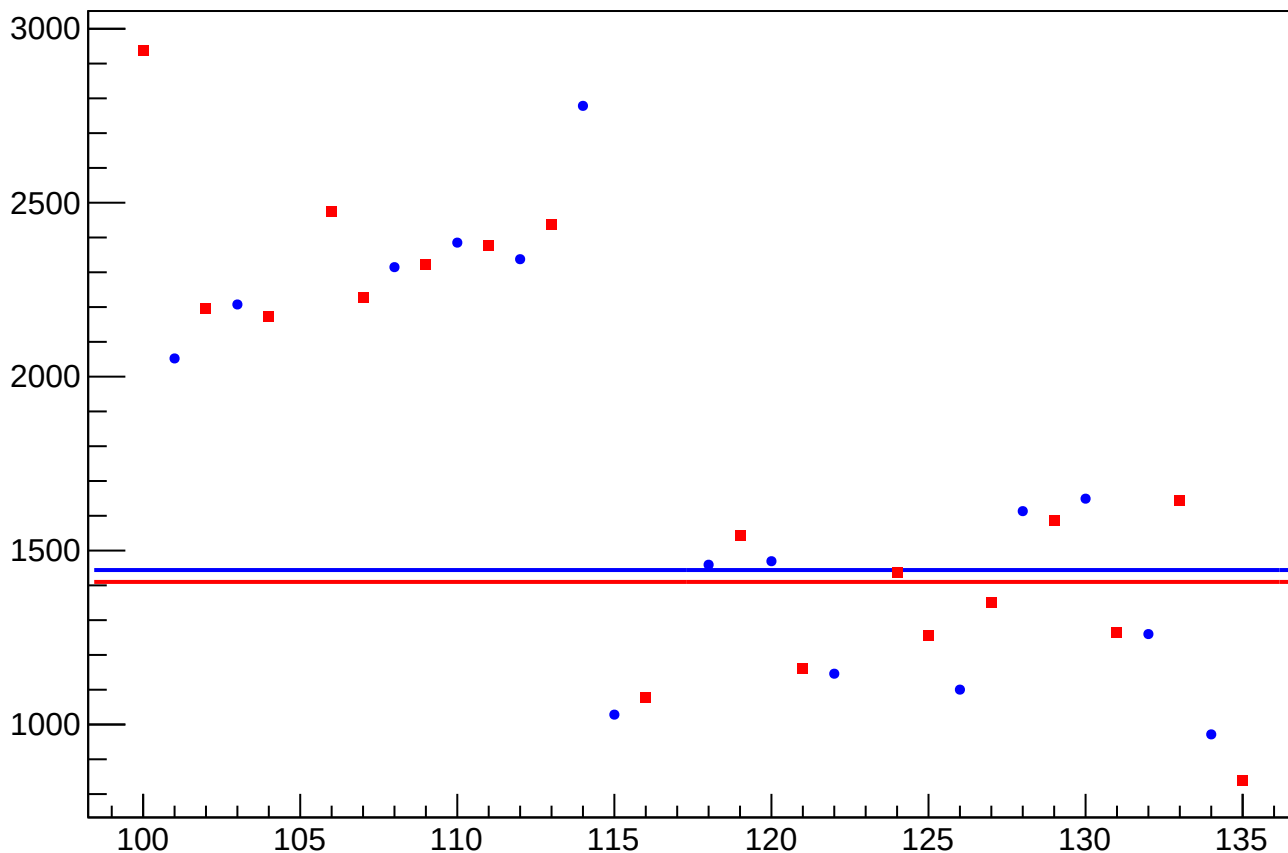
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 605.179 $\pm$ 408.039 χ^2 /NDF: 27.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_rms vs Slug



Right In: 1444.040+/-0.426 χ^2/NDF : 1086835.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

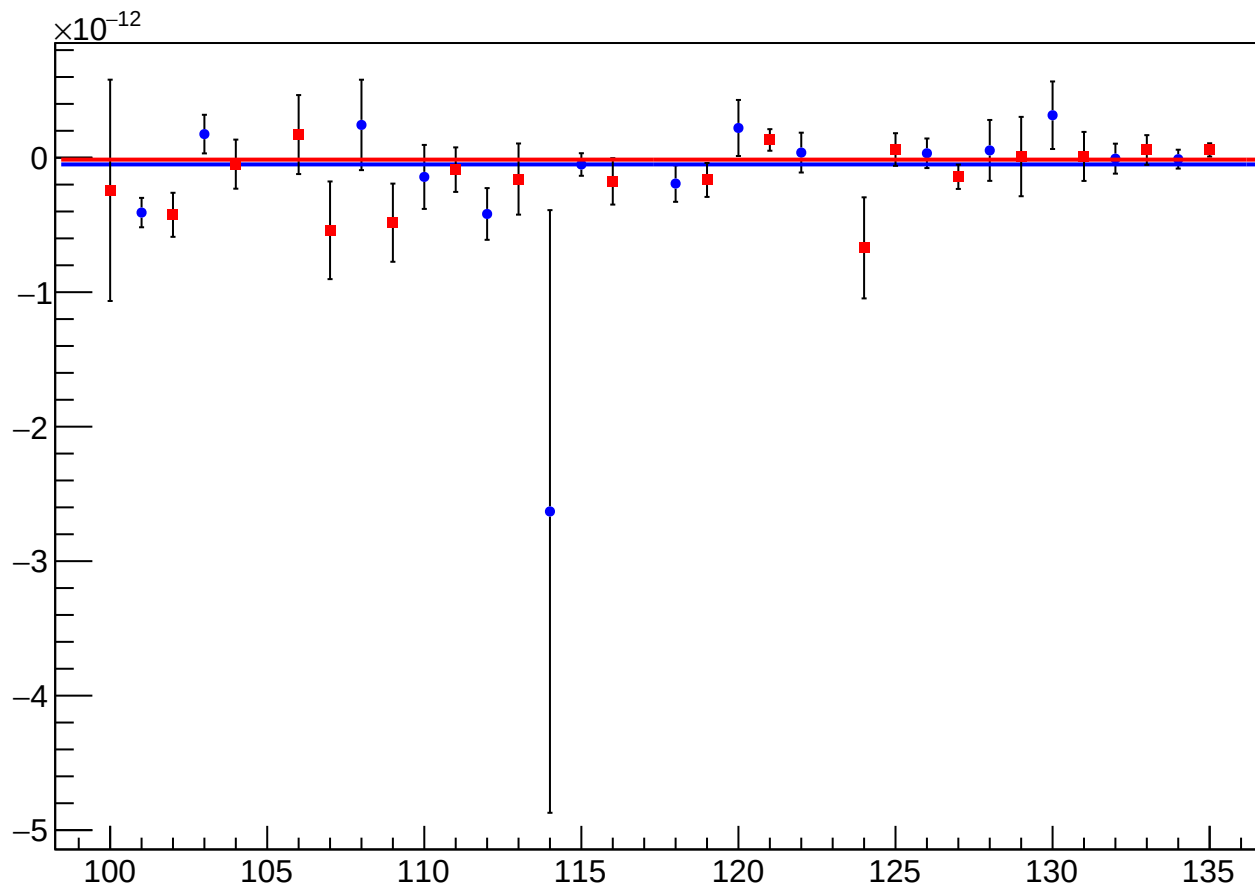
Right Out: 1409.878+/-0.393 χ^2/NDF : 1619677.2/17

All: 1425.584+/-0.289 χ^2/NDF : 2709994.3/32

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.6/14

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

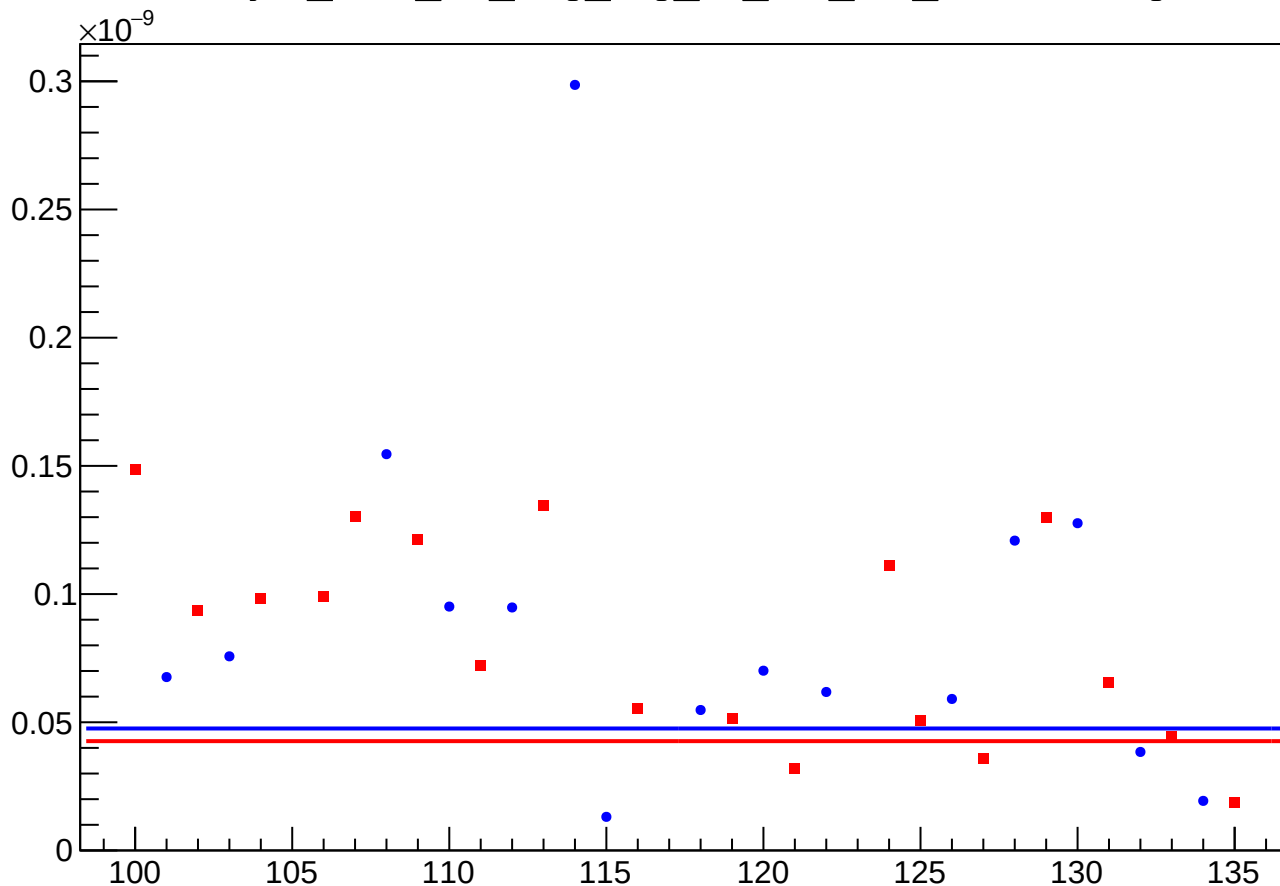
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 51.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1729304.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1869997.5/17

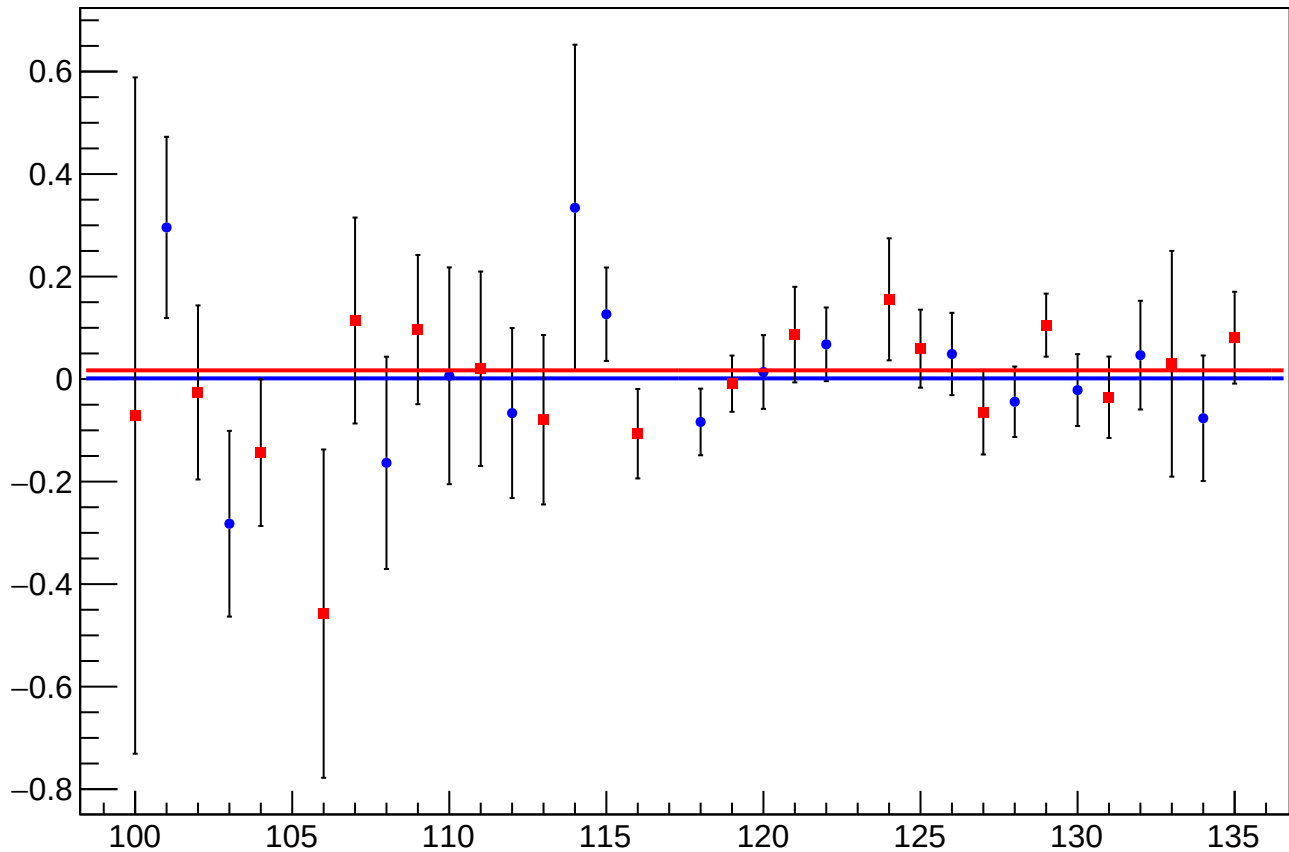
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3623002.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 13.1/14

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

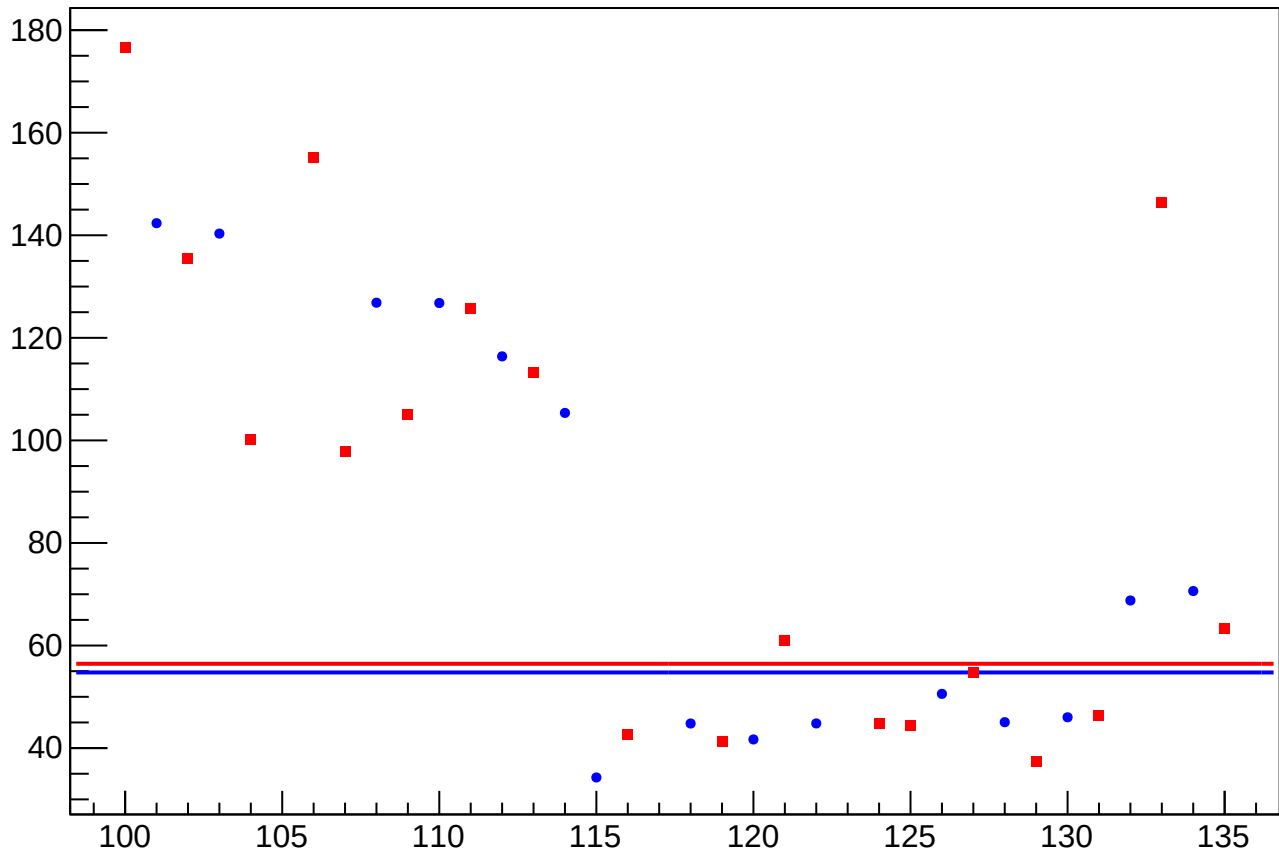
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.017 χ^2 /NDF: 26.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_cor_diff_rms vs Slug



Right In: 54.750+/-0.018 χ^2/NDF : 2135678.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.443+/-0.017 χ^2/NDF : 2535828.0/17

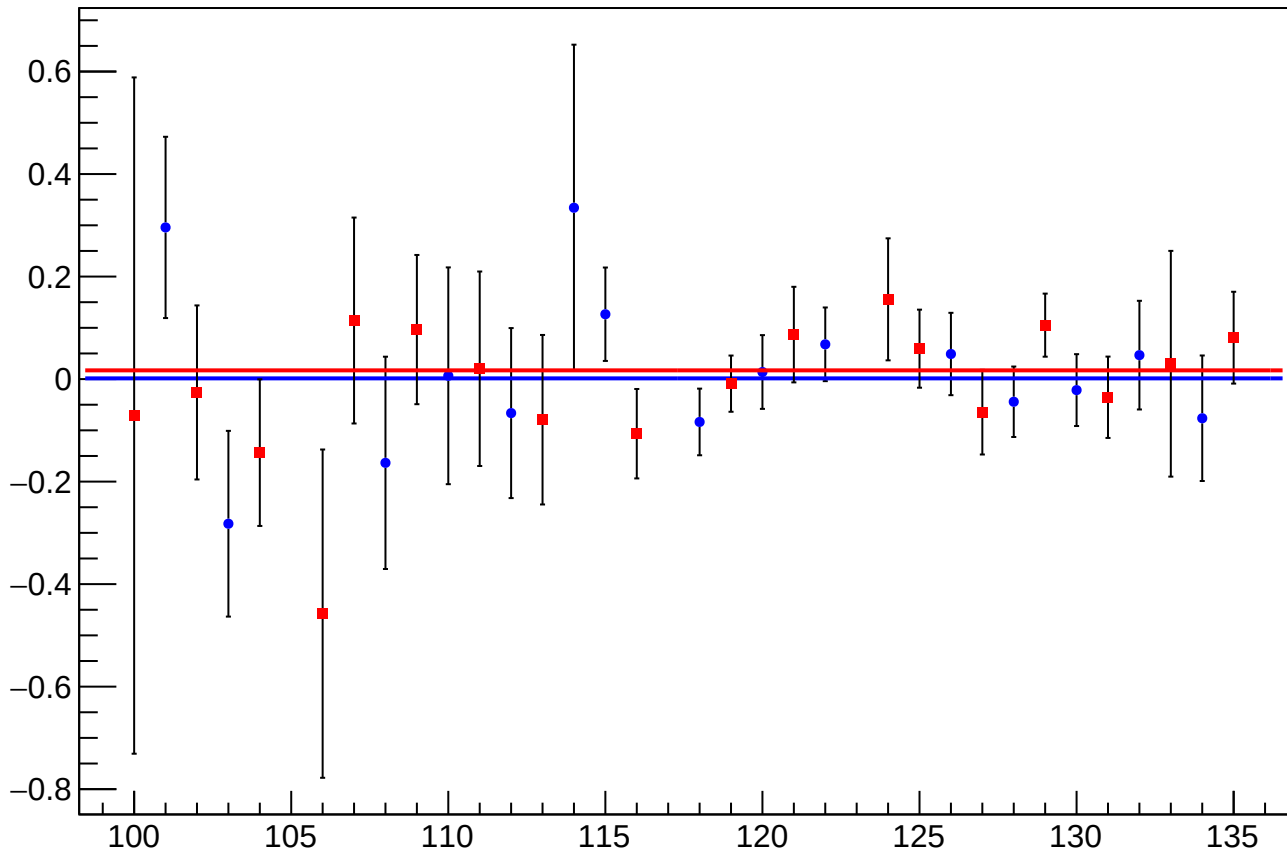
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.632+/-0.012 χ^2/NDF : 4676364.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 13.1/14

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

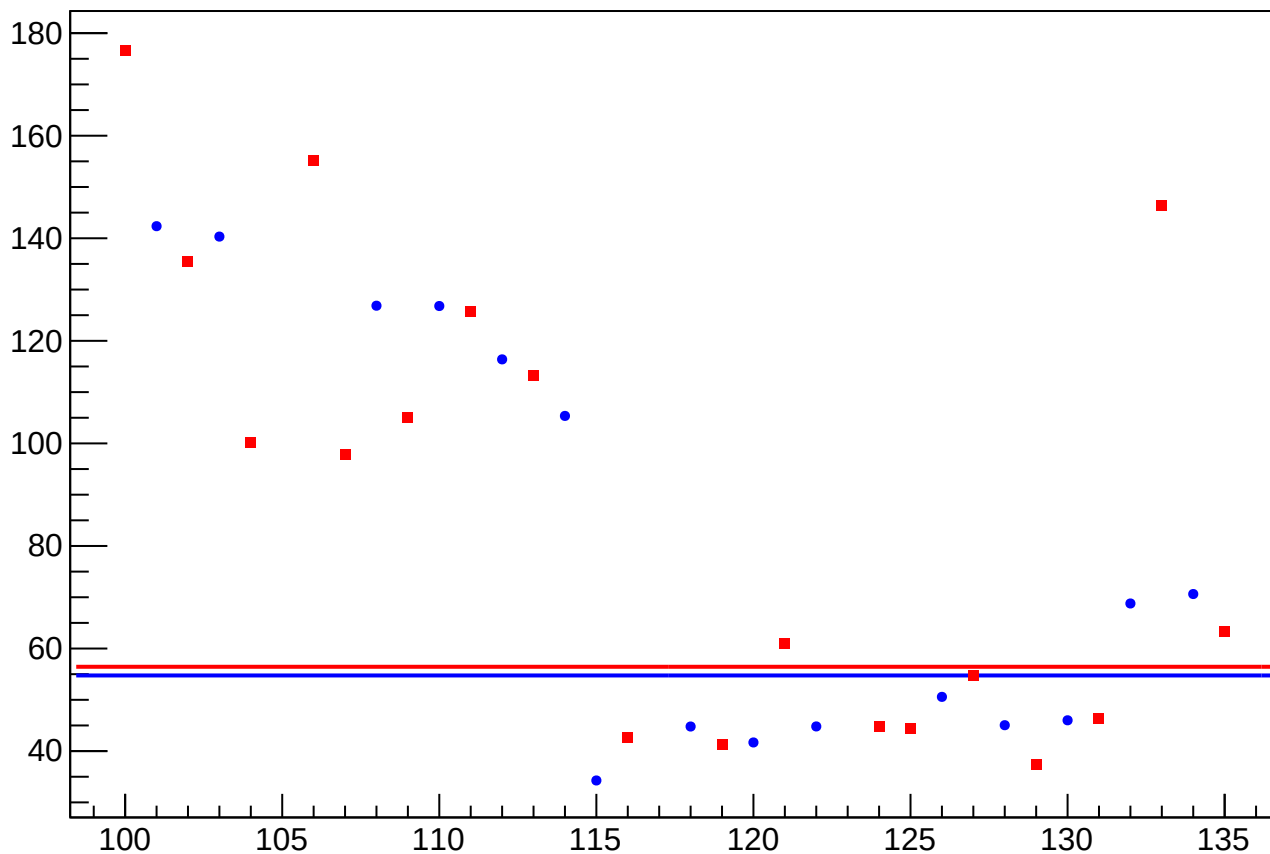
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.017 χ^2 /NDF: 26.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.750+/-0.018 χ^2/NDF : 2135678.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.443+/-0.017 χ^2/NDF : 2535828.0/17

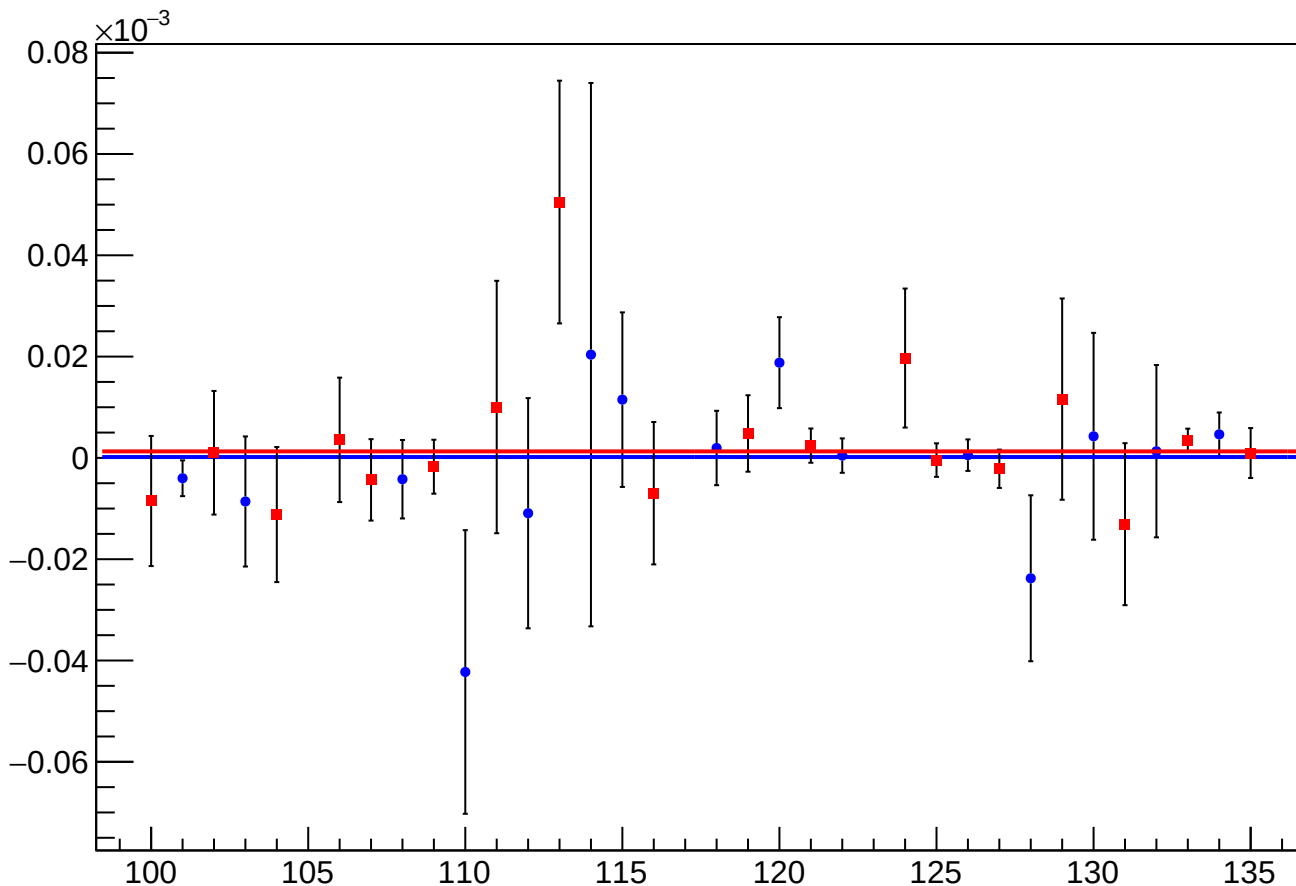
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.632+/-0.012 χ^2/NDF : 4676364.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/14

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

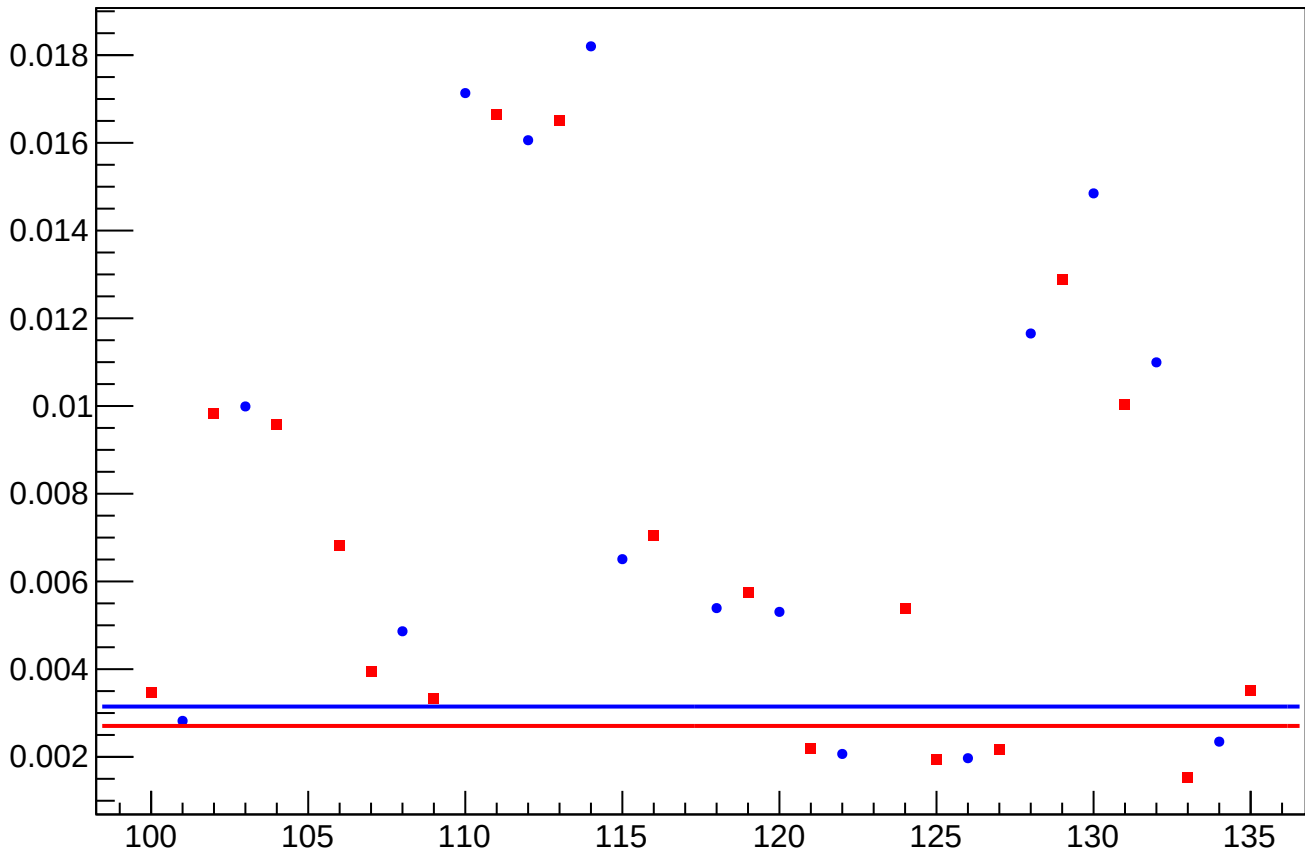
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 4543643.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5138421.1/17

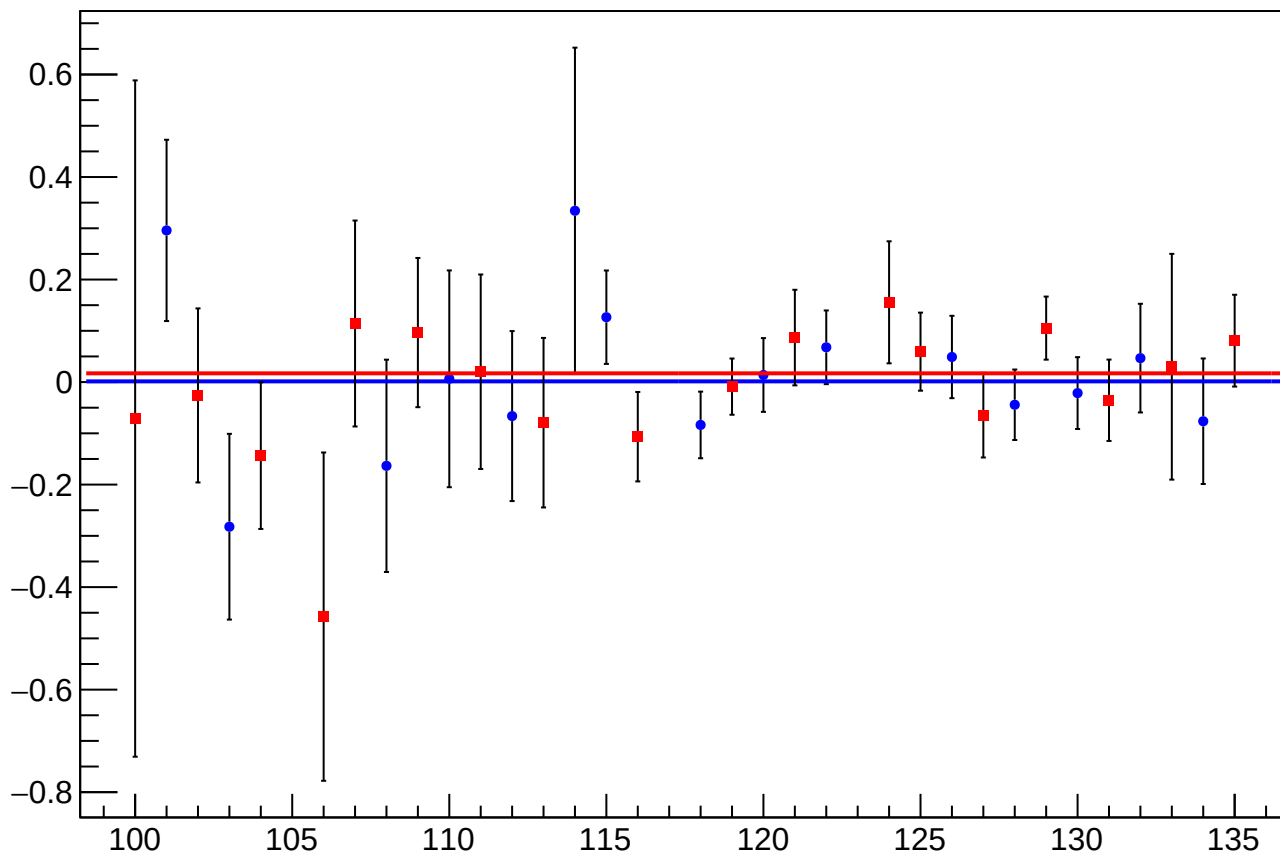
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 9774852.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.001 $\pm$ 0.025 χ^2 /NDF: 13.1/14

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

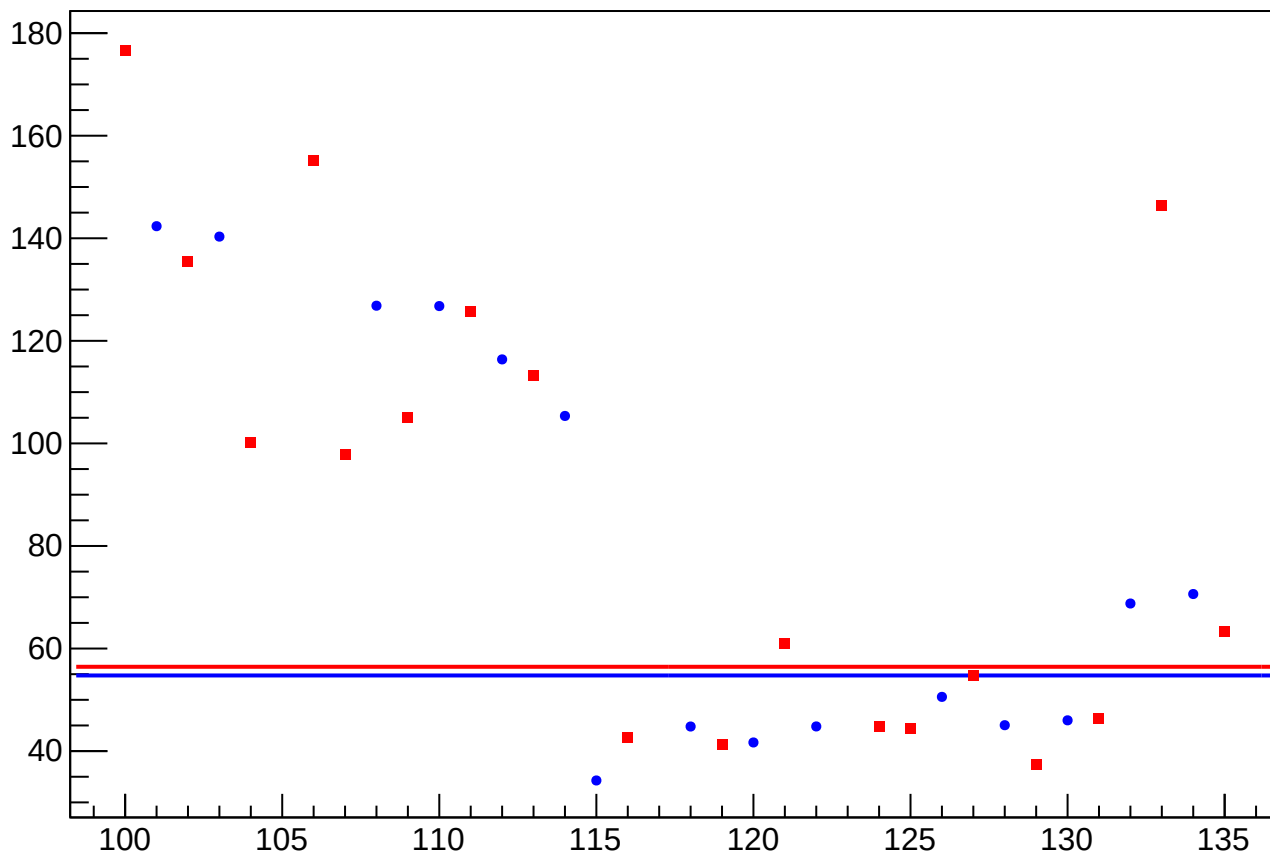
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.017 χ^2 /NDF: 26.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 54.749+/-0.018 χ^2/NDF : 2135603.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.443+/-0.017 χ^2/NDF : 2535771.5/17

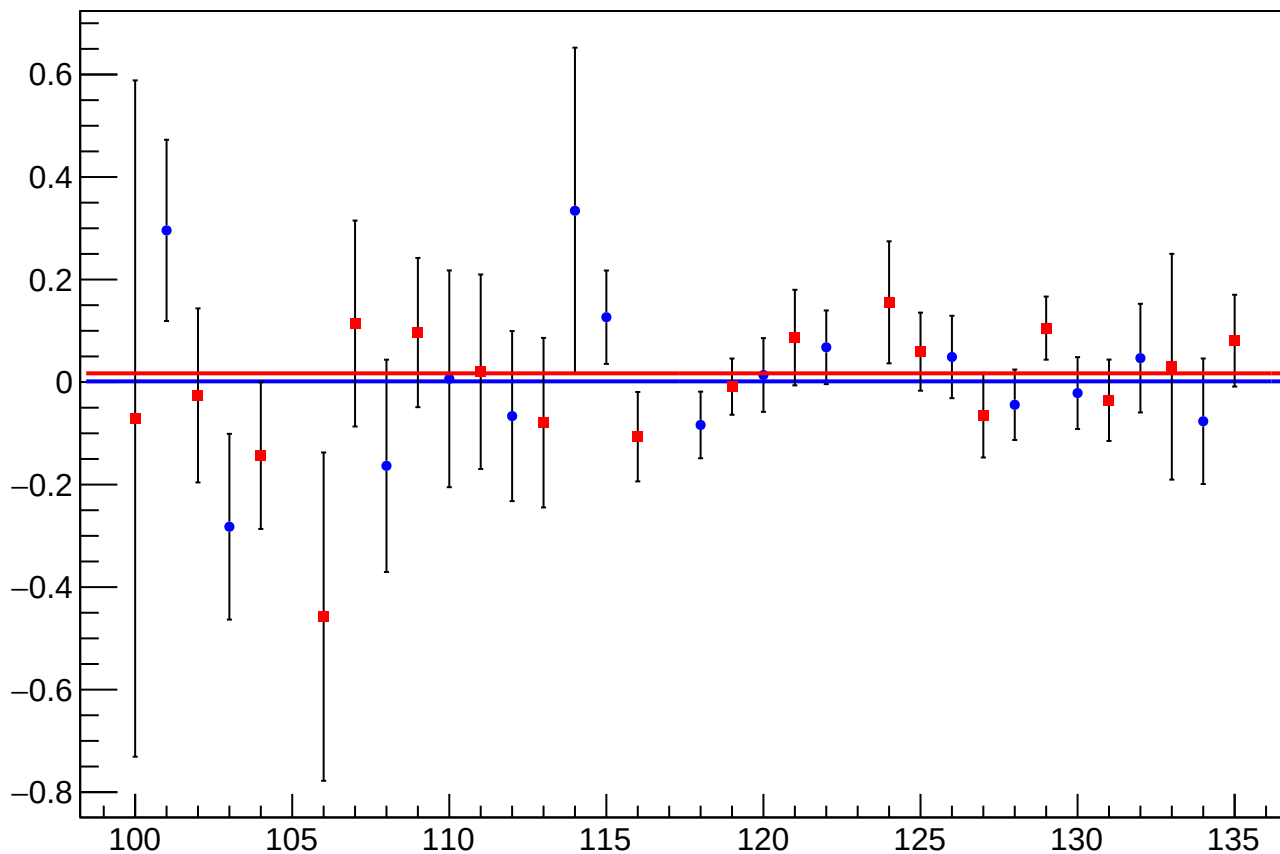
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.632+/-0.012 χ^2/NDF : 4676231.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.001+/-0.025 χ^2/NDF : 13.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.017+/-0.024 χ^2/NDF : 12.8/17

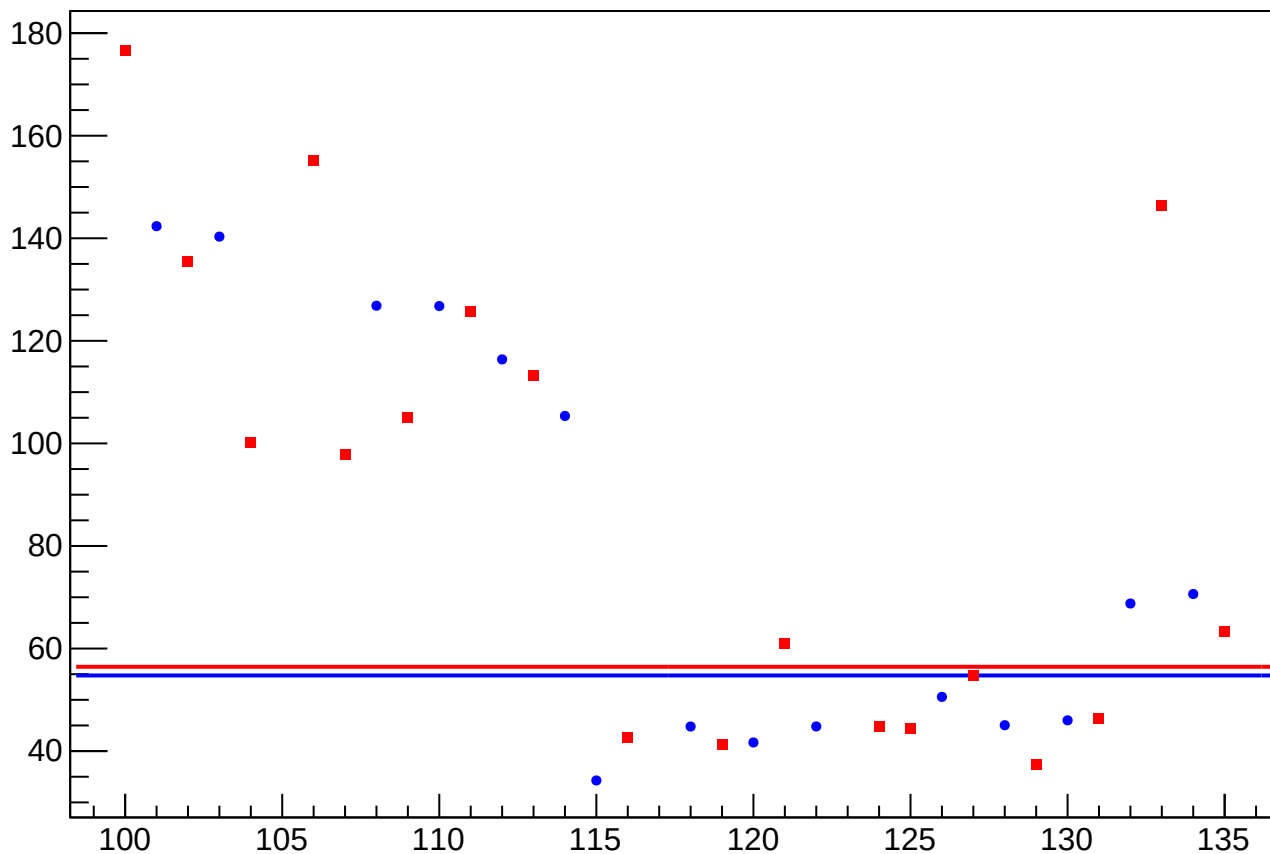
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.017 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 54.749+/-0.018 χ^2/NDF : 2135603.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 56.443+/-0.017 χ^2/NDF : 2535771.5/17

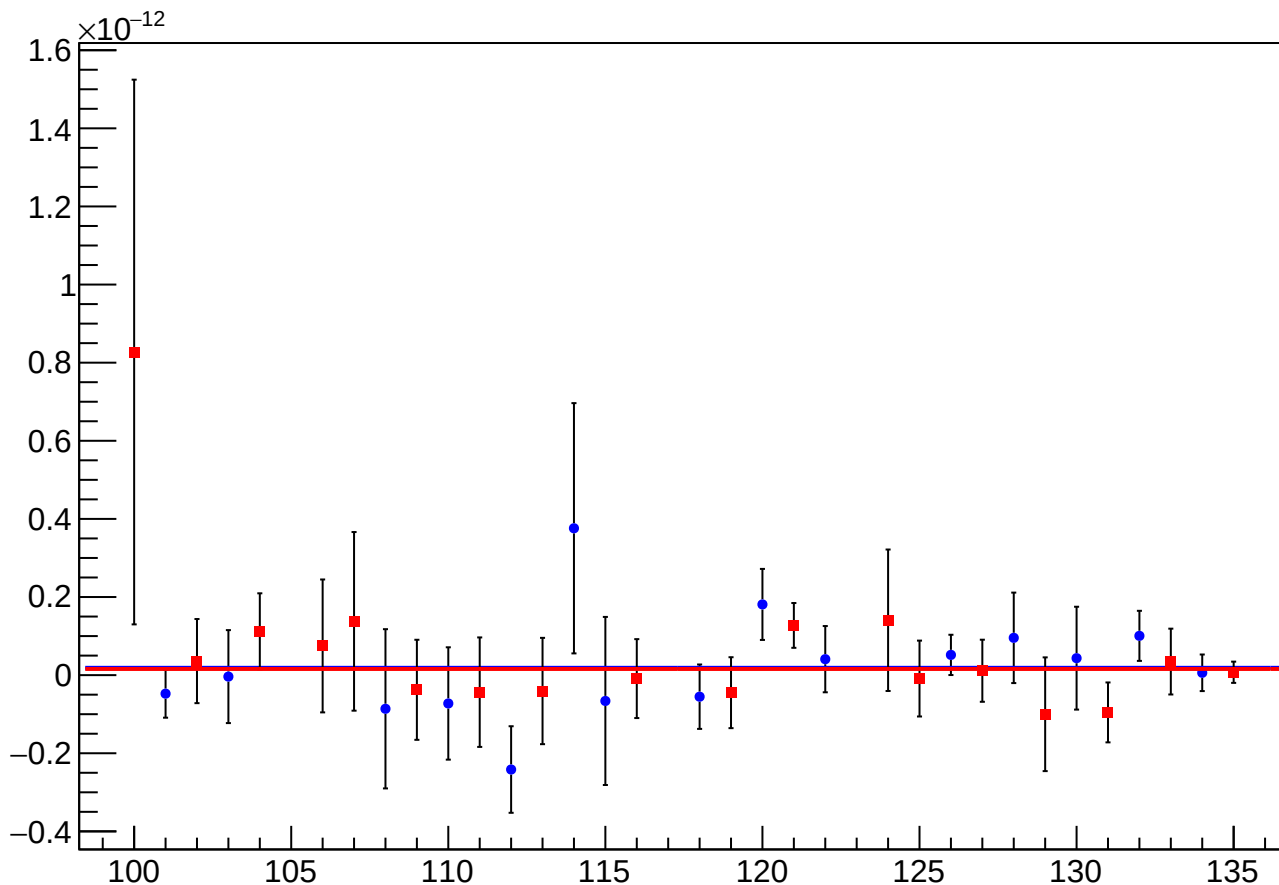
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.632+/-0.012 χ^2/NDF : 4676231.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2 /NDF: 15.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 11.0/17

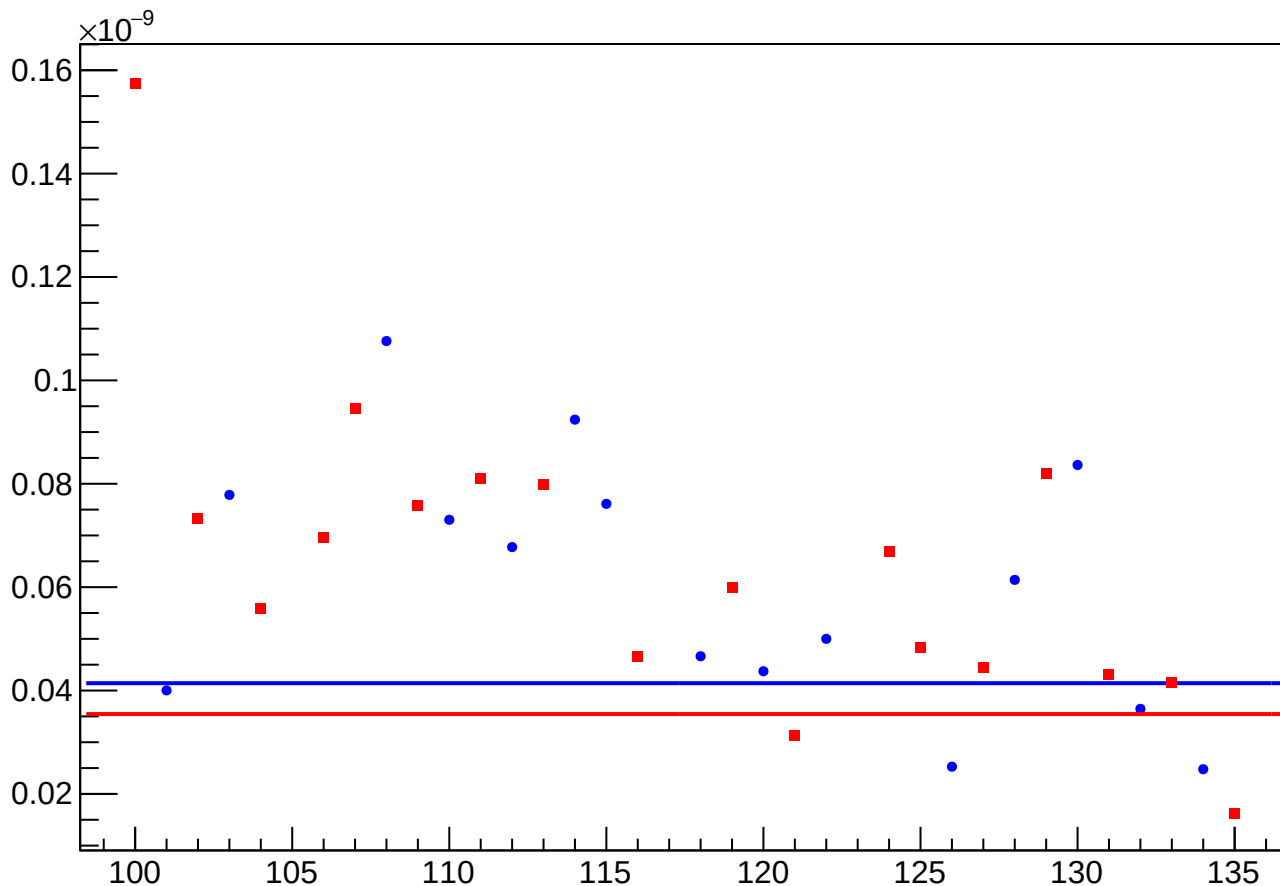
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1466992.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2774127.6/17

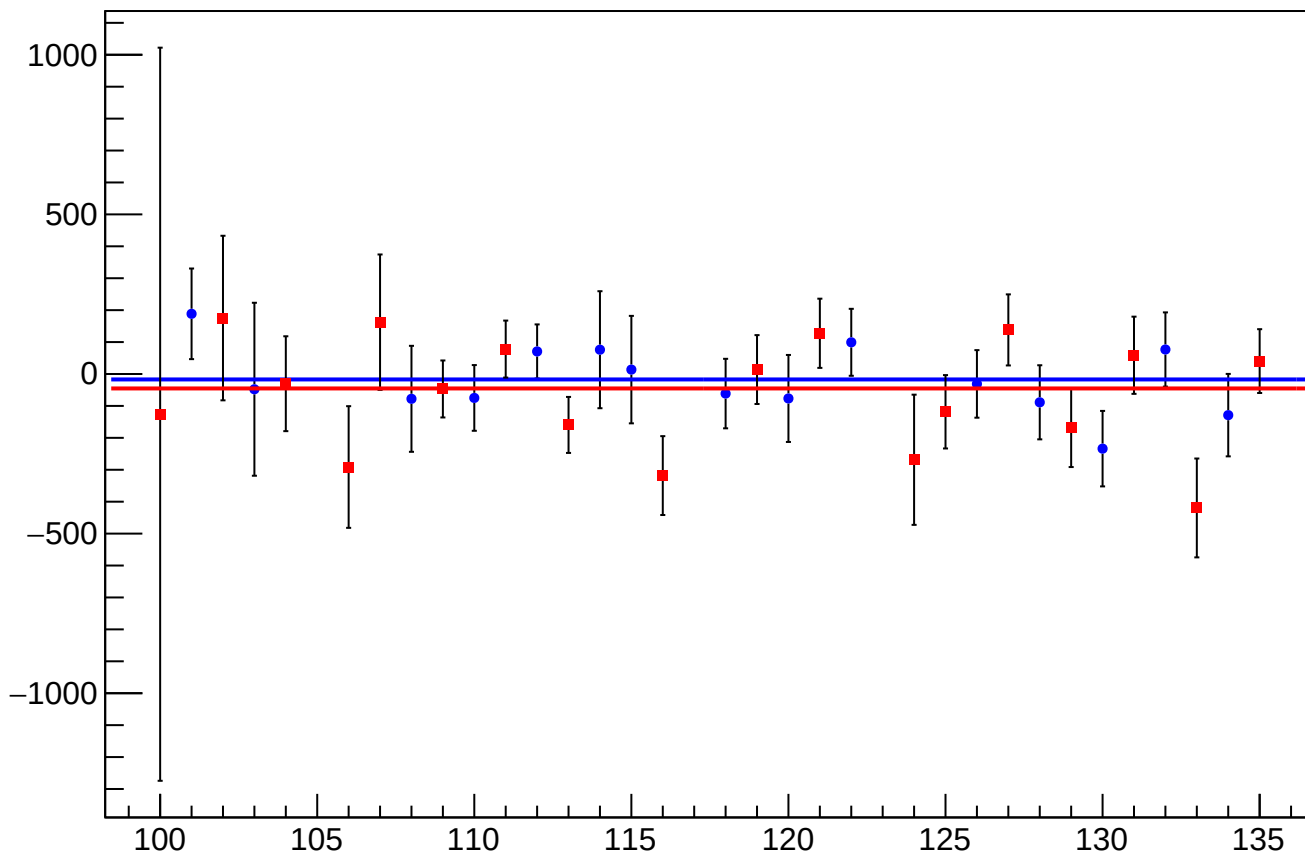
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4329518.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_mean vs Slug



Right In: -17.052 ± 31.677 χ^2/NDF : 10.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.282 ± 29.049 χ^2/NDF : 27.3/17

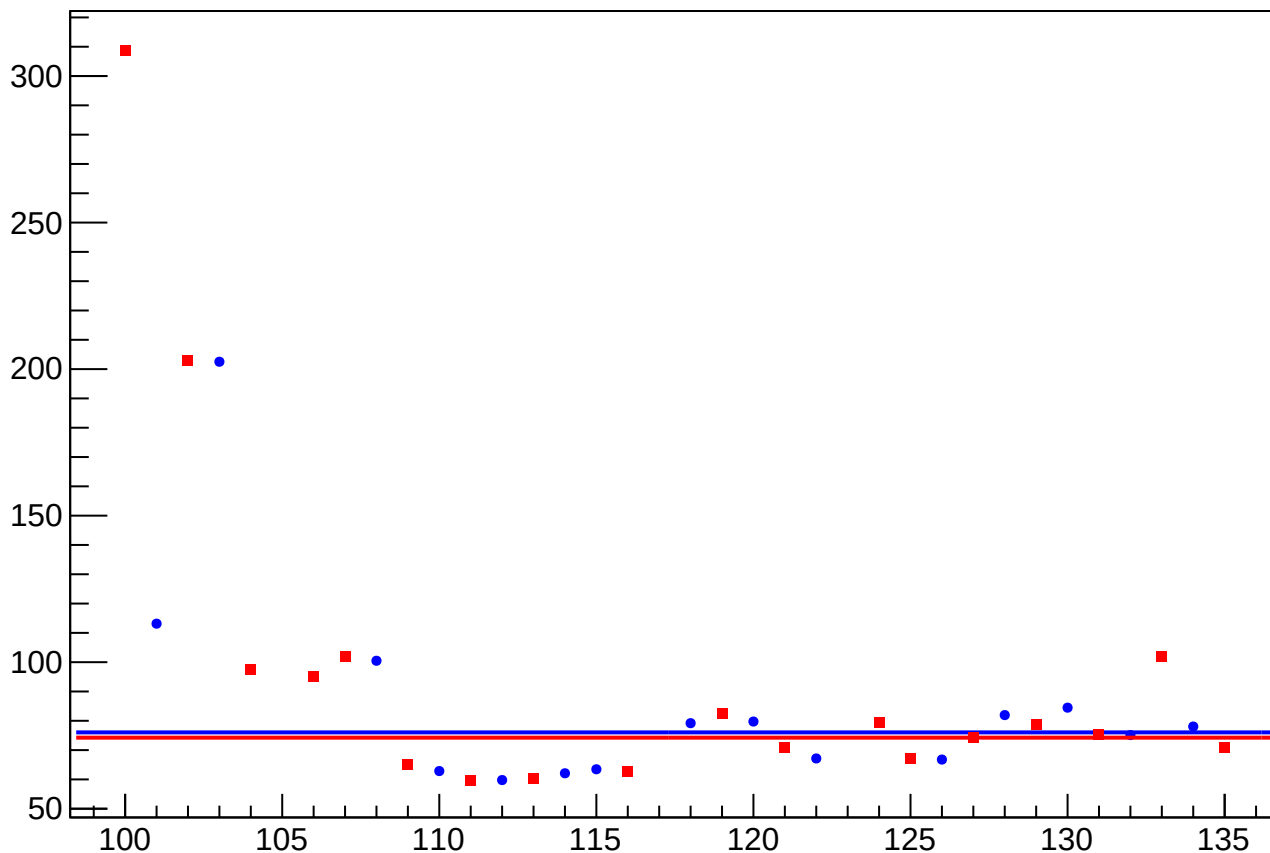
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.386 ± 21.410 χ^2/NDF : 38.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_rms vs Slug



Right In: 76.045+/-0.022 χ^2/NDF : 794025.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.250+/-0.021 χ^2/NDF : 920898.6/17

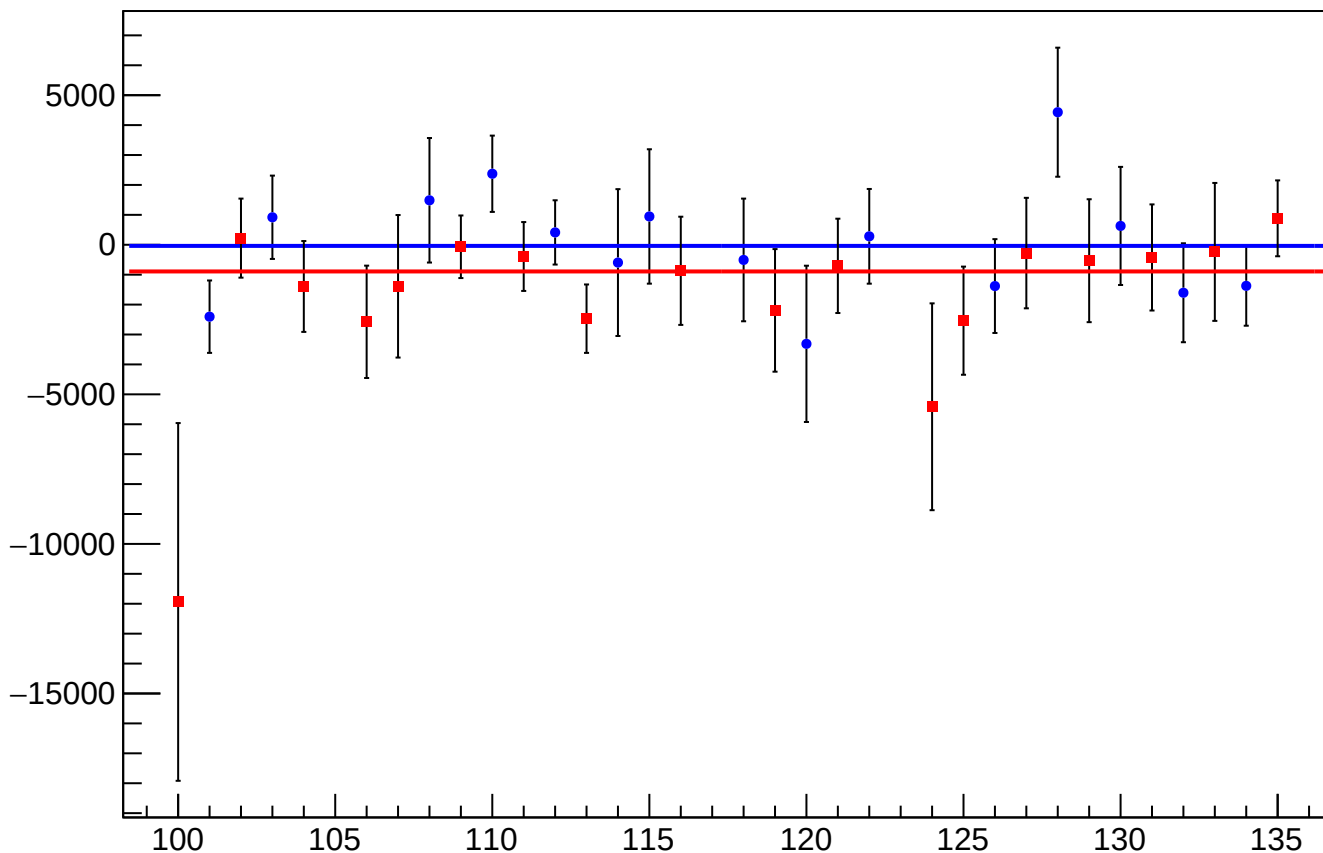
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.070+/-0.015 χ^2/NDF : 1718414.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_mean vs Slug



Right In: -37.580 ± 412.915 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -891.868 ± 380.097 χ^2/NDF : 13.0/17

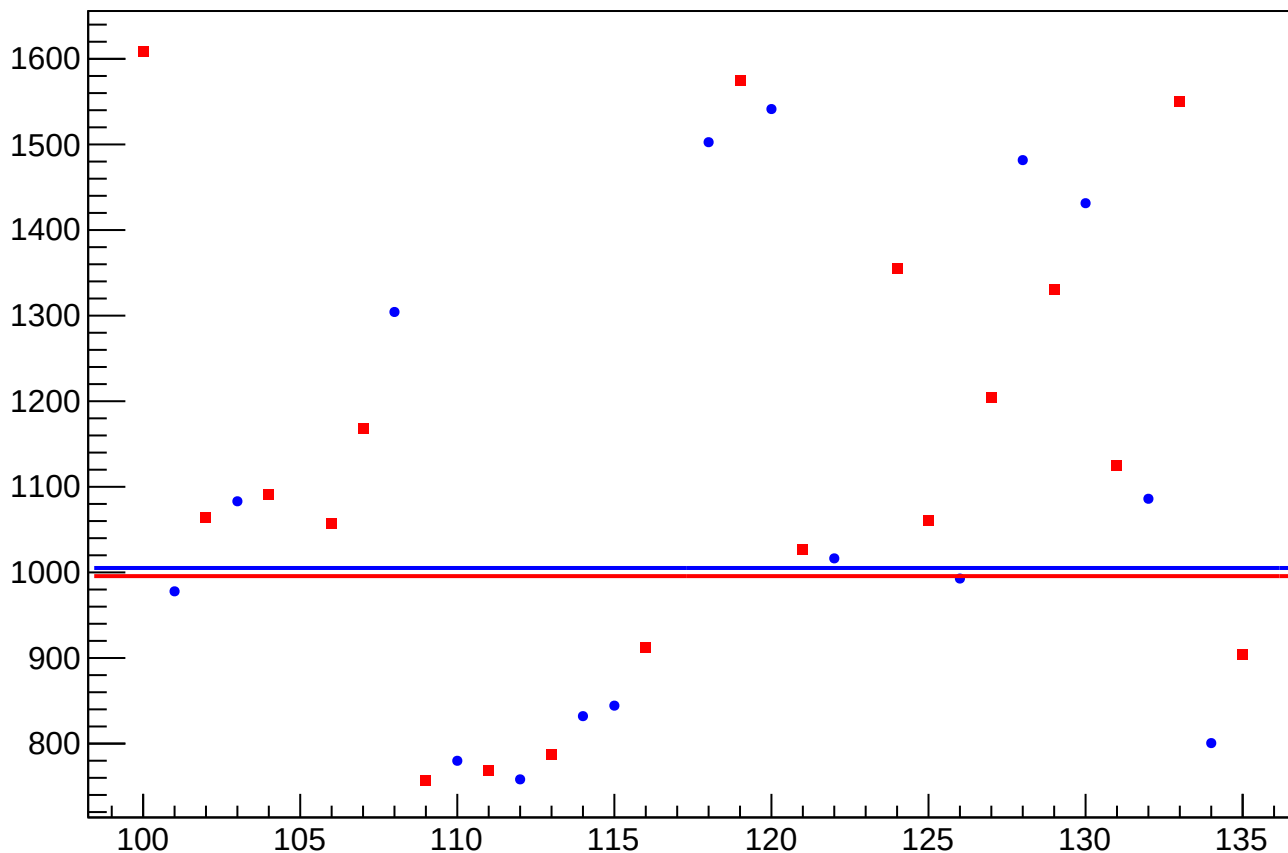
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -500.017 ± 279.653 χ^2/NDF : 32.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_correction_rms vs Slug



Right In: 1005.177+/-0.292 χ^2/NDF : 681826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 995.663+/-0.269 χ^2/NDF : 699598.2/17

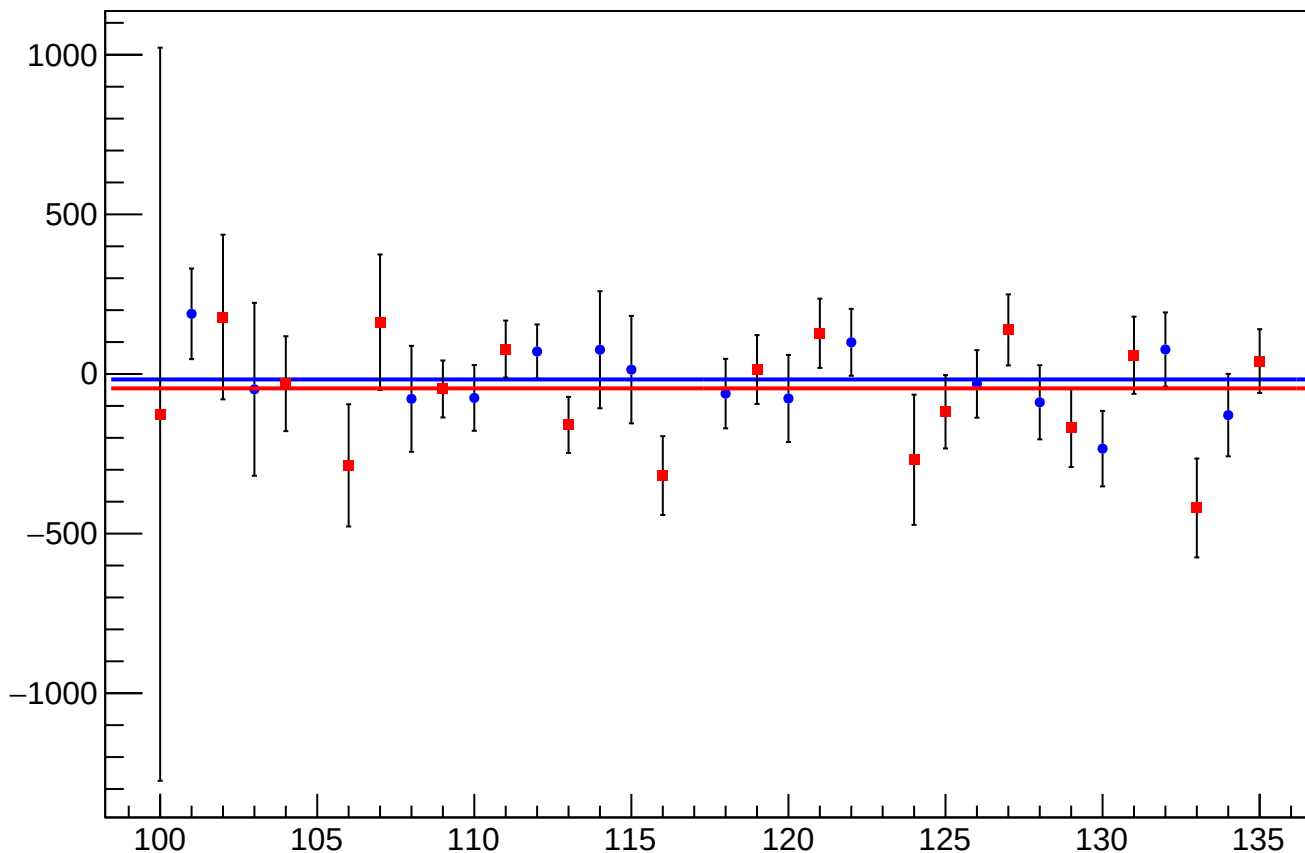
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1000.027+/-0.198 χ^2/NDF : 1381999.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_mean vs Slug



Right In: -17.060 ± 31.677 χ^2/NDF : 10.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -45.077 ± 29.052 χ^2/NDF : 27.3/17

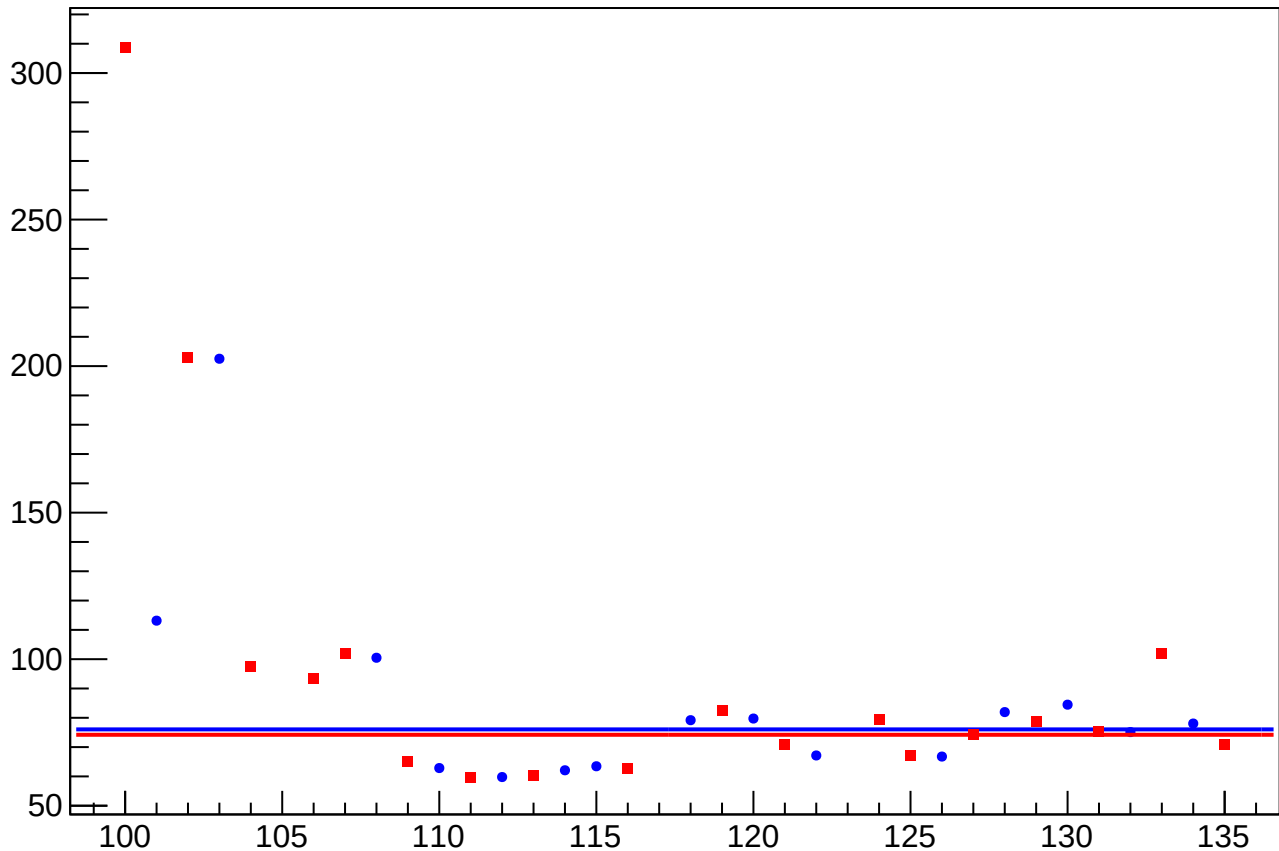
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.277 ± 21.411 χ^2/NDF : 38.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_avg_rms vs Slug



Right In: 76.045+/-0.022 χ^2/NDF : 794027.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.206+/-0.021 χ^2/NDF : 917203.1/17

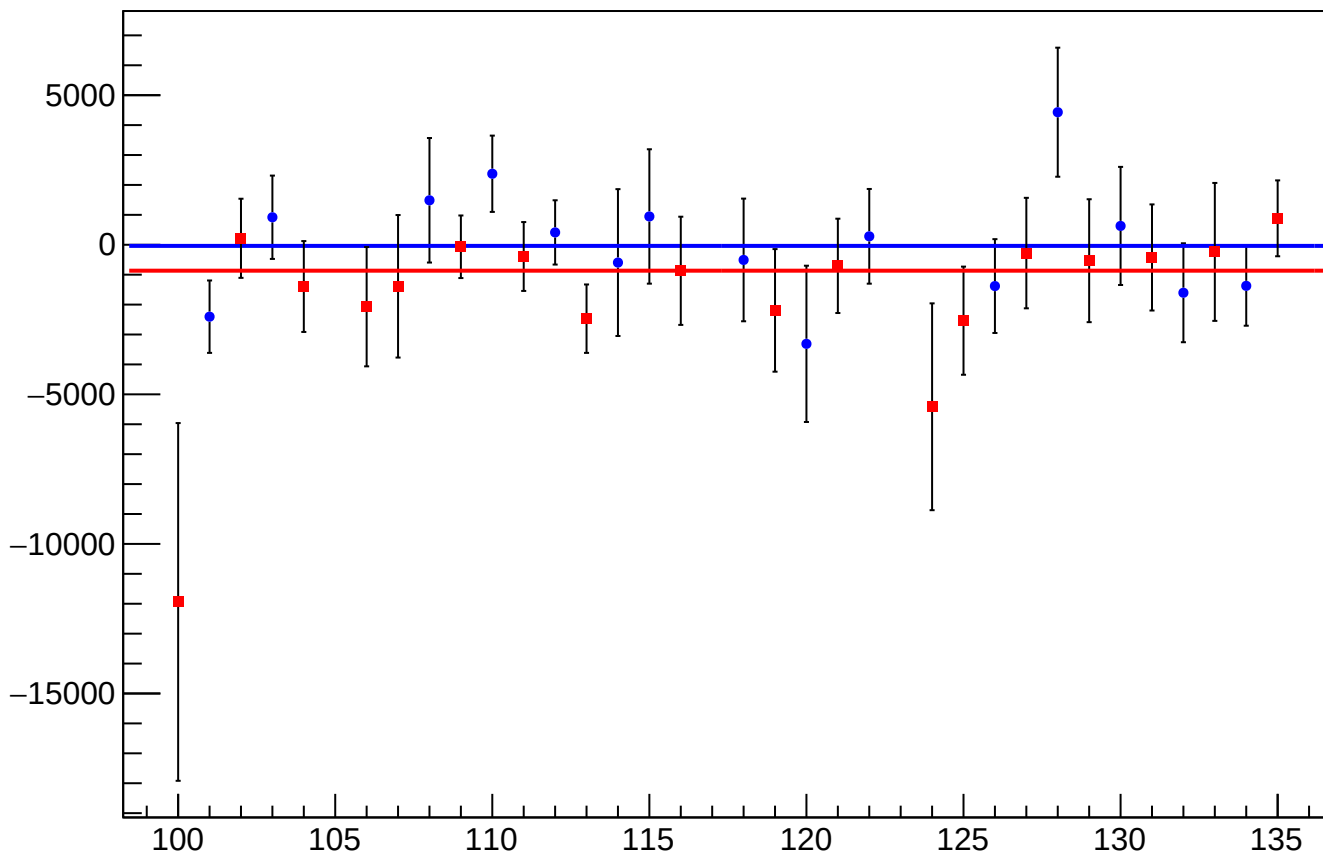
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.046+/-0.015 χ^2/NDF : 1714892.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_mean vs Slug



Right In: -37.556 ± 412.919 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -866.301 ± 381.006 χ^2/NDF : 12.5/17

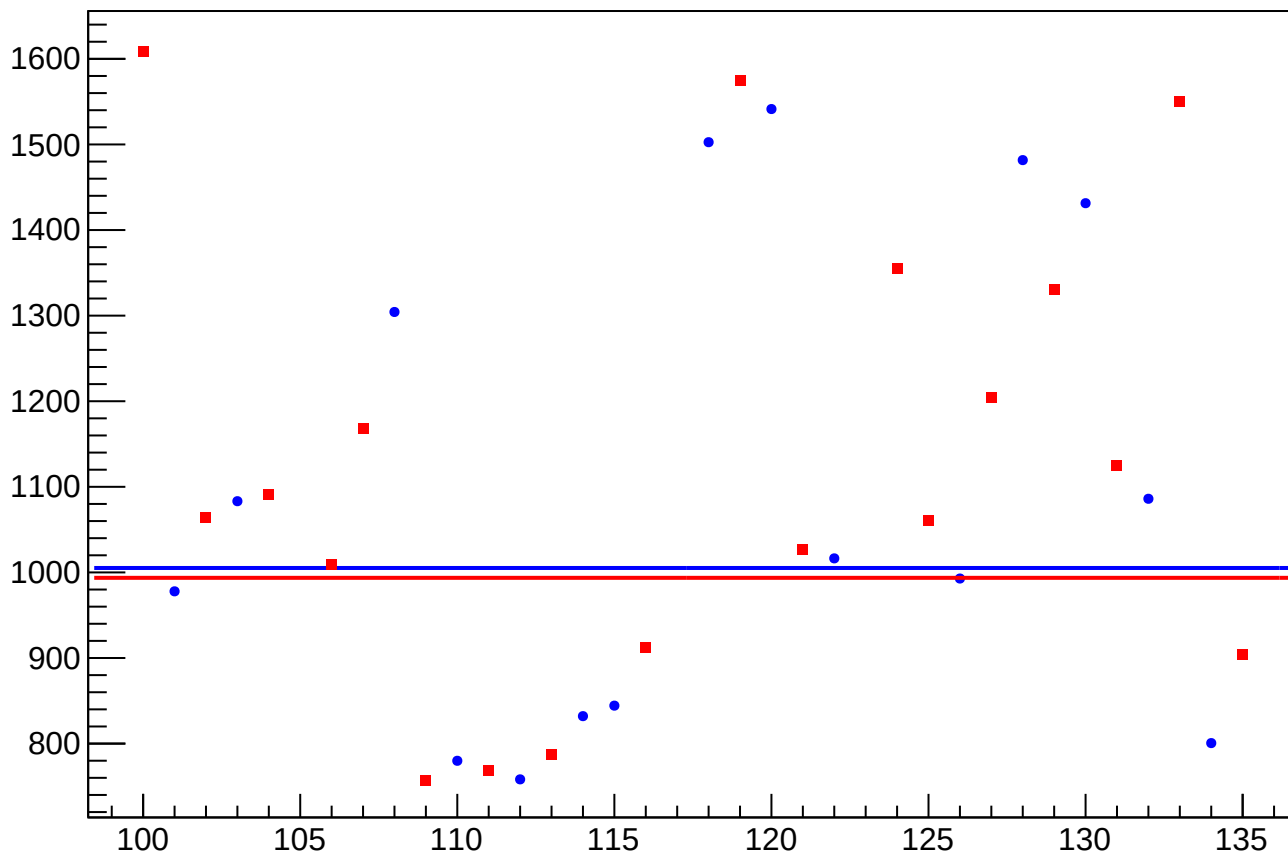
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -485.187 ± 280.015 χ^2/NDF : 32.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_cor_correction_rms vs Slug



Right In: 1005.184 $\pm$ 0.292 χ^2 /NDF: 681844.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 993.673 $\pm$ 0.269 χ^2 /NDF: 697592.3/17

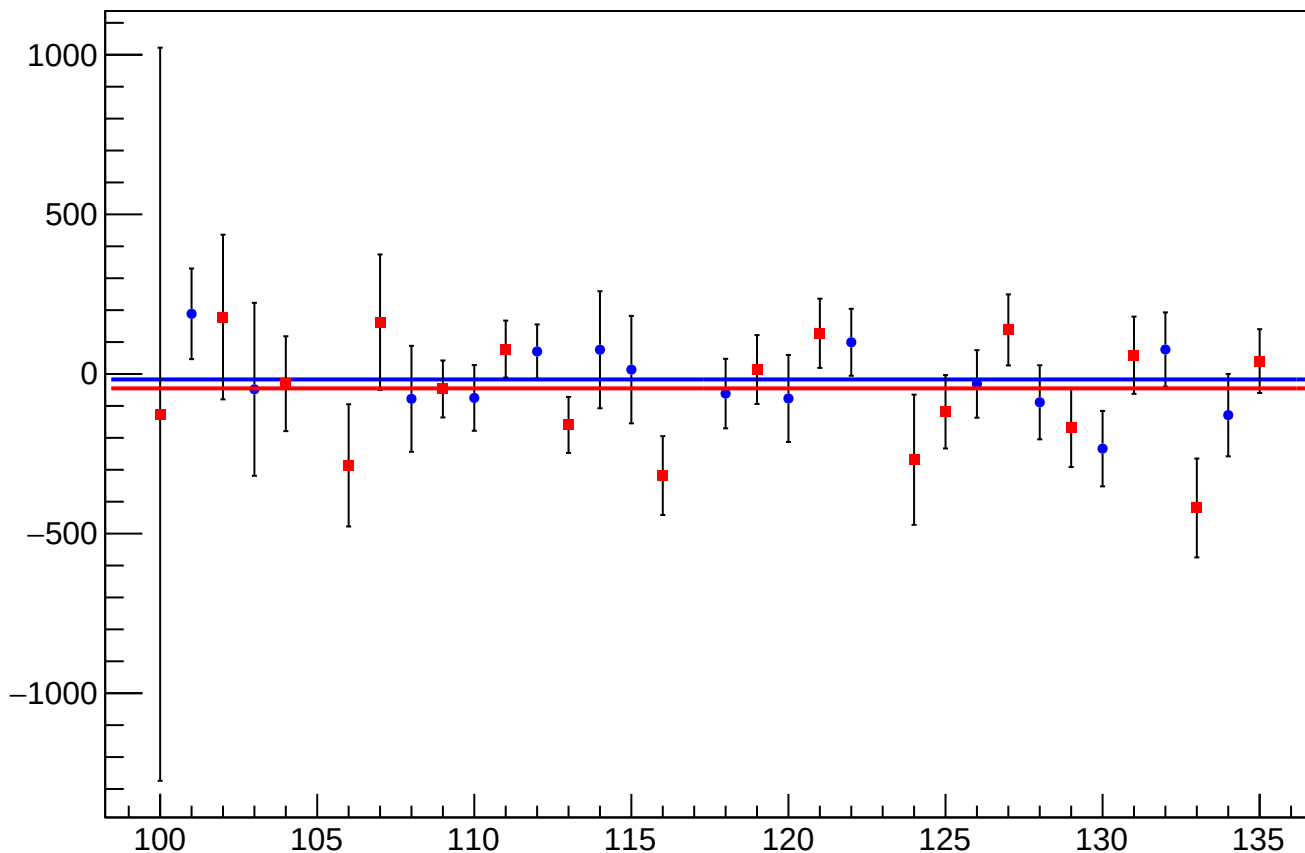
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 998.967 $\pm$ 0.198 χ^2 /NDF: 1380276.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_avg_mean vs Slug



Right In: -17.060 $\pm$ 31.677 χ^2 /NDF: 10.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -45.077 $\pm$ 29.052 χ^2 /NDF: 27.3/17

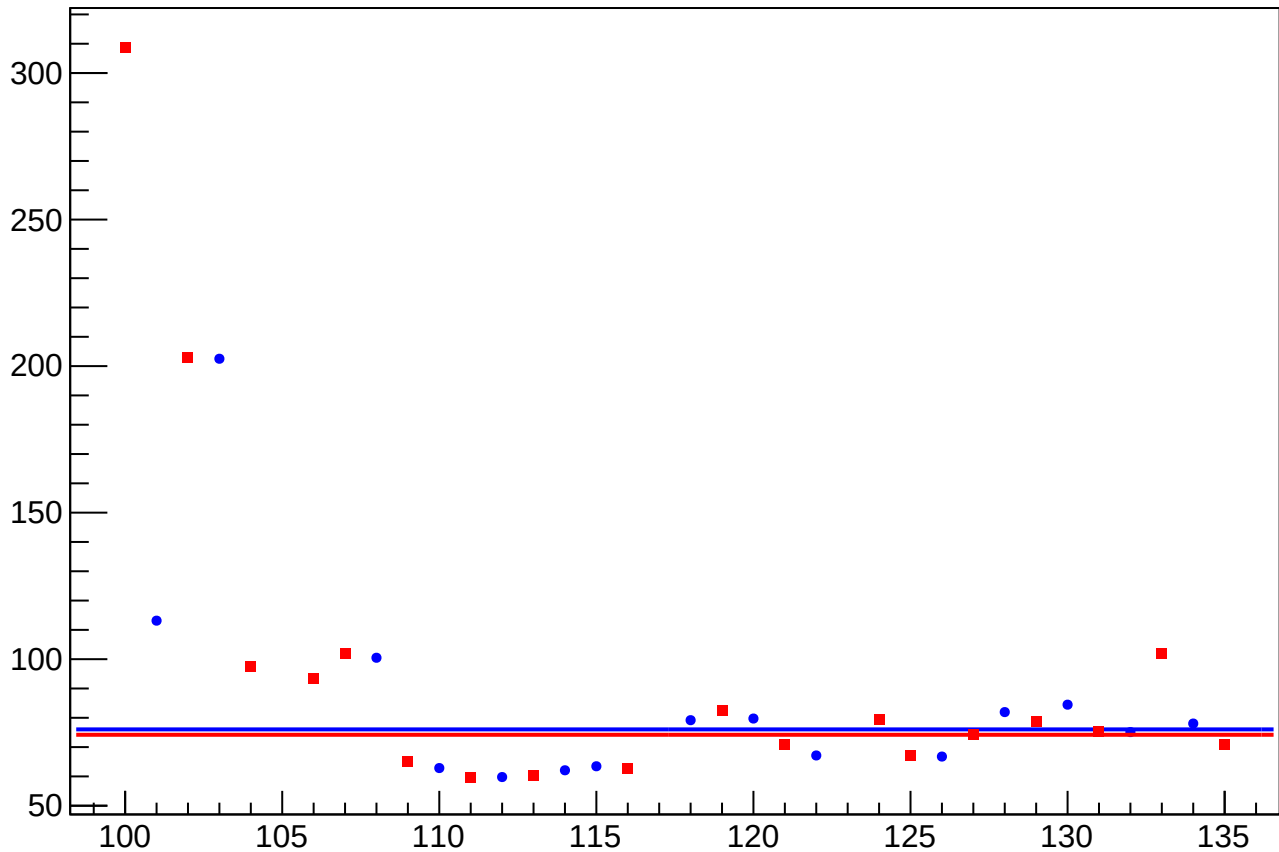
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.277 $\pm$ 21.411 χ^2 /NDF: 38.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_avg_rms vs Slug



Right In: 76.045+/-0.022 χ^2/NDF : 794027.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 74.206+/-0.021 χ^2/NDF : 917203.1/17

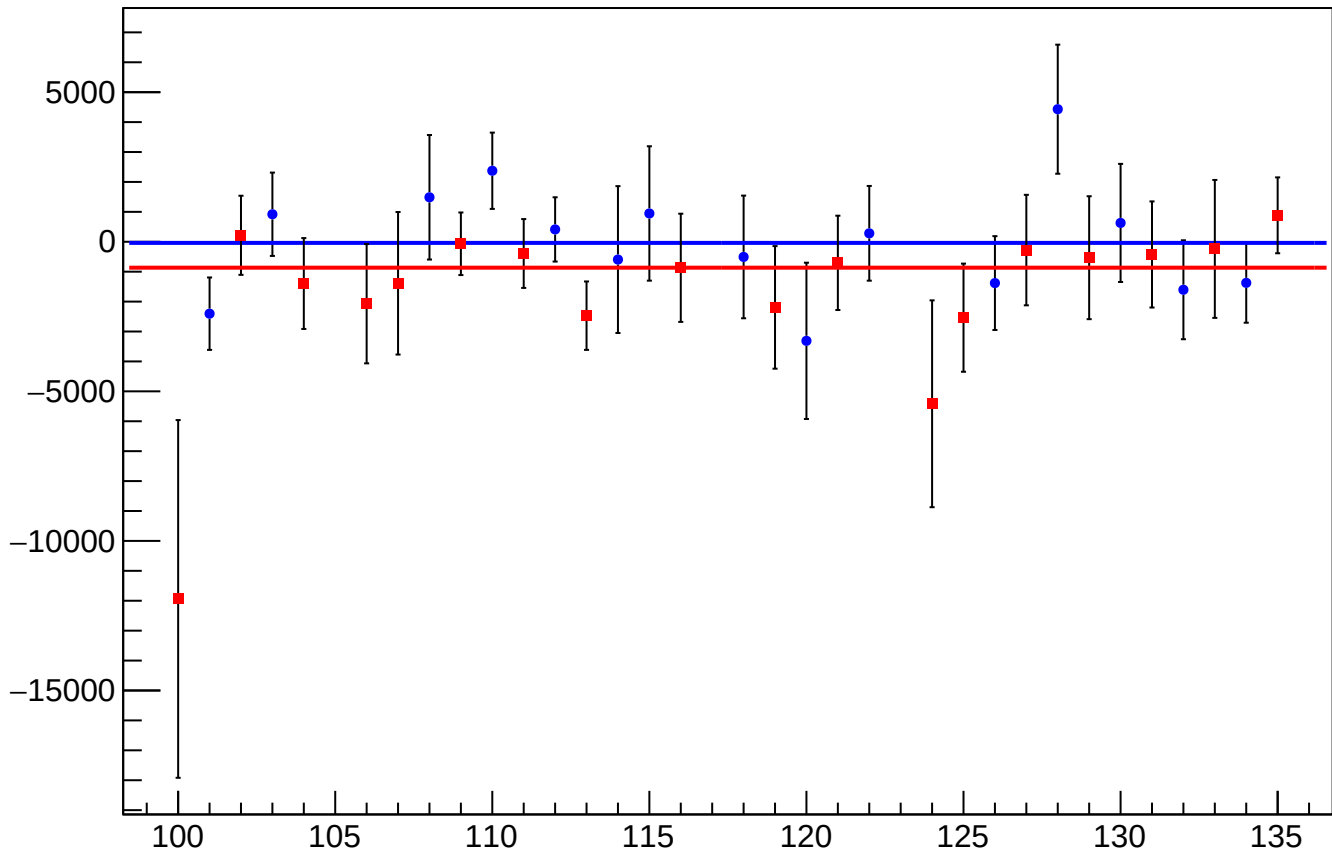
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.046+/-0.015 χ^2/NDF : 1714892.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_mean vs Slug



Right In: -37.556 ± 412.919 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -866.301 ± 381.006 χ^2/NDF : 12.5/17

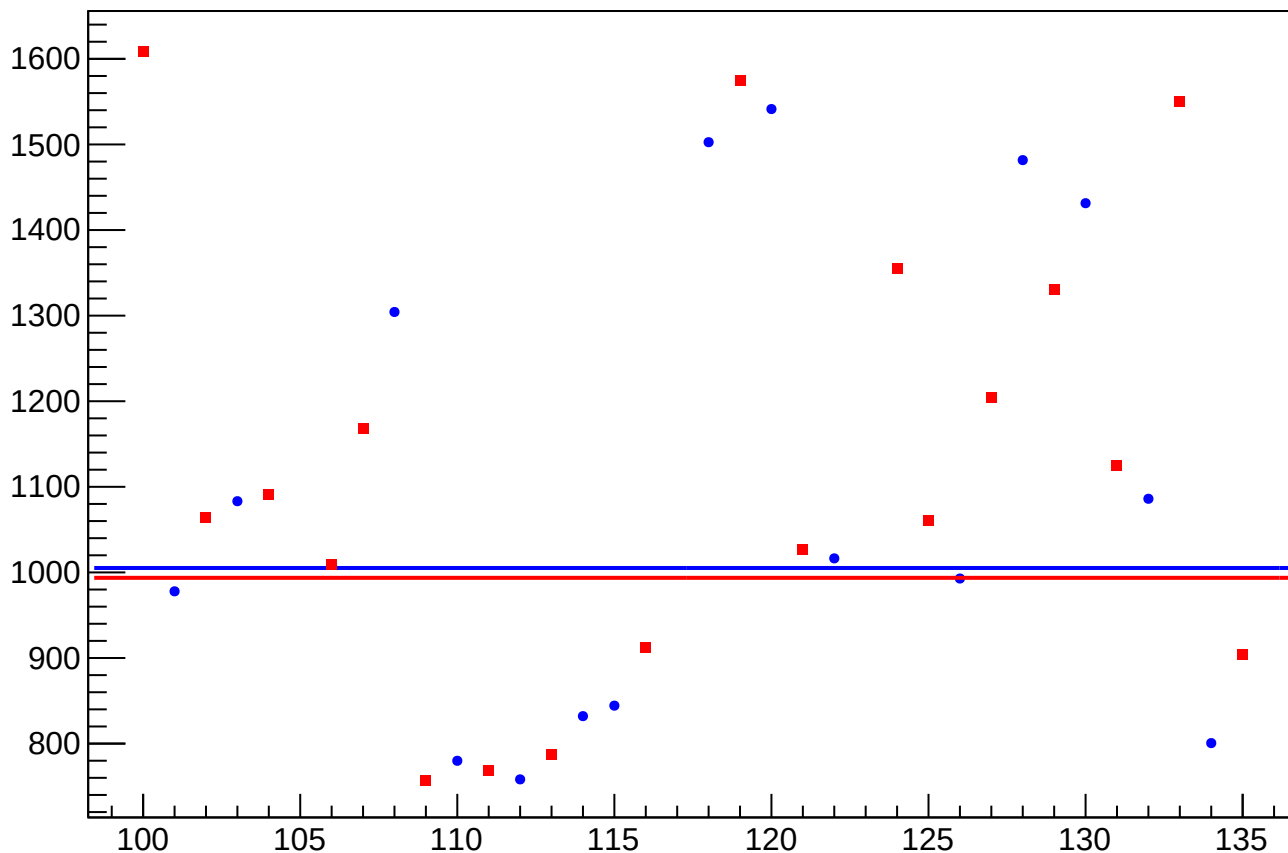
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -485.187 ± 280.015 χ^2/NDF : 32.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_correction_rms vs Slug



Right In: 1005.184 $\pm$ 0.292 χ^2 /NDF: 681844.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 993.673 $\pm$ 0.269 χ^2 /NDF: 697592.3/17

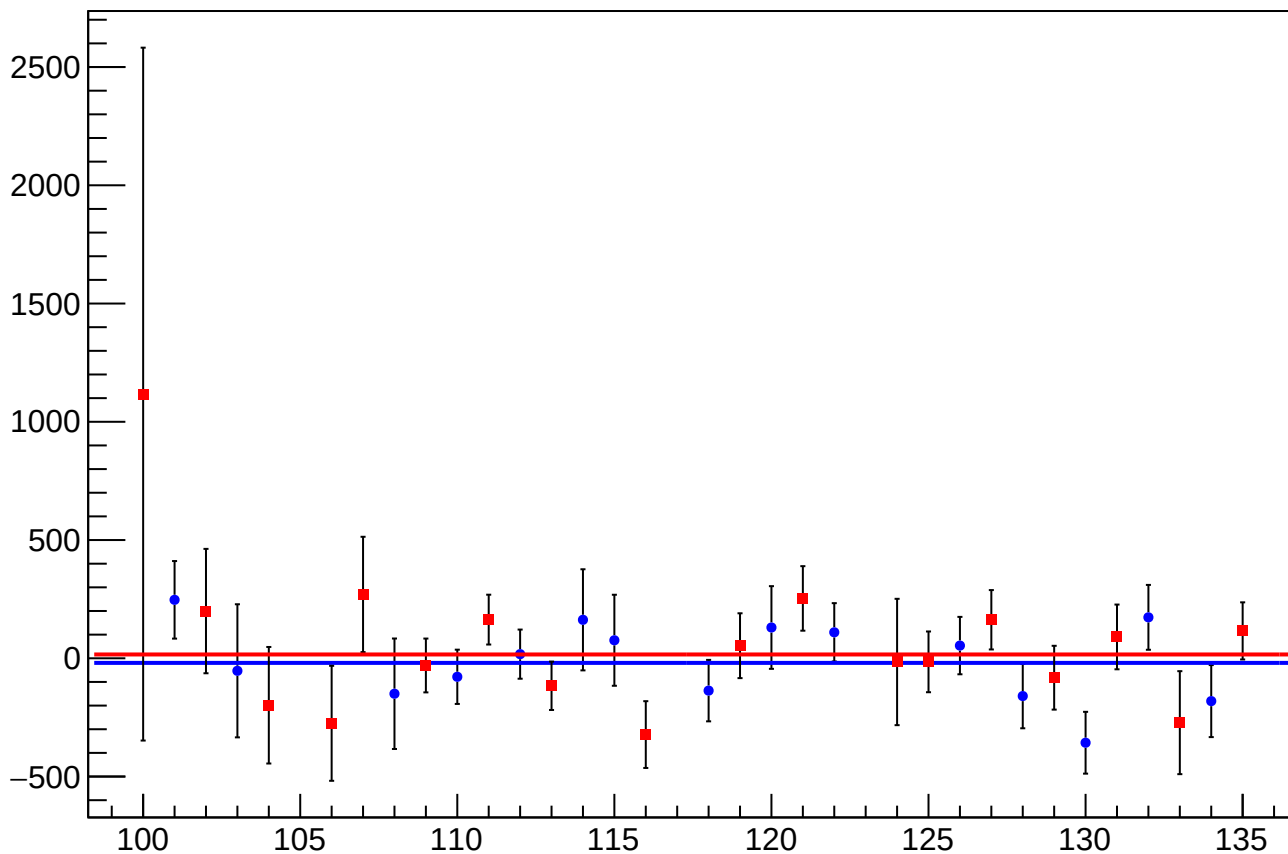
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 998.967 $\pm$ 0.198 χ^2 /NDF: 1380276.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_avg_mean vs Slug



Right In: -19.446 ± 37.268 χ^2/NDF : 18.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.153 ± 34.896 χ^2/NDF : 21.7/17

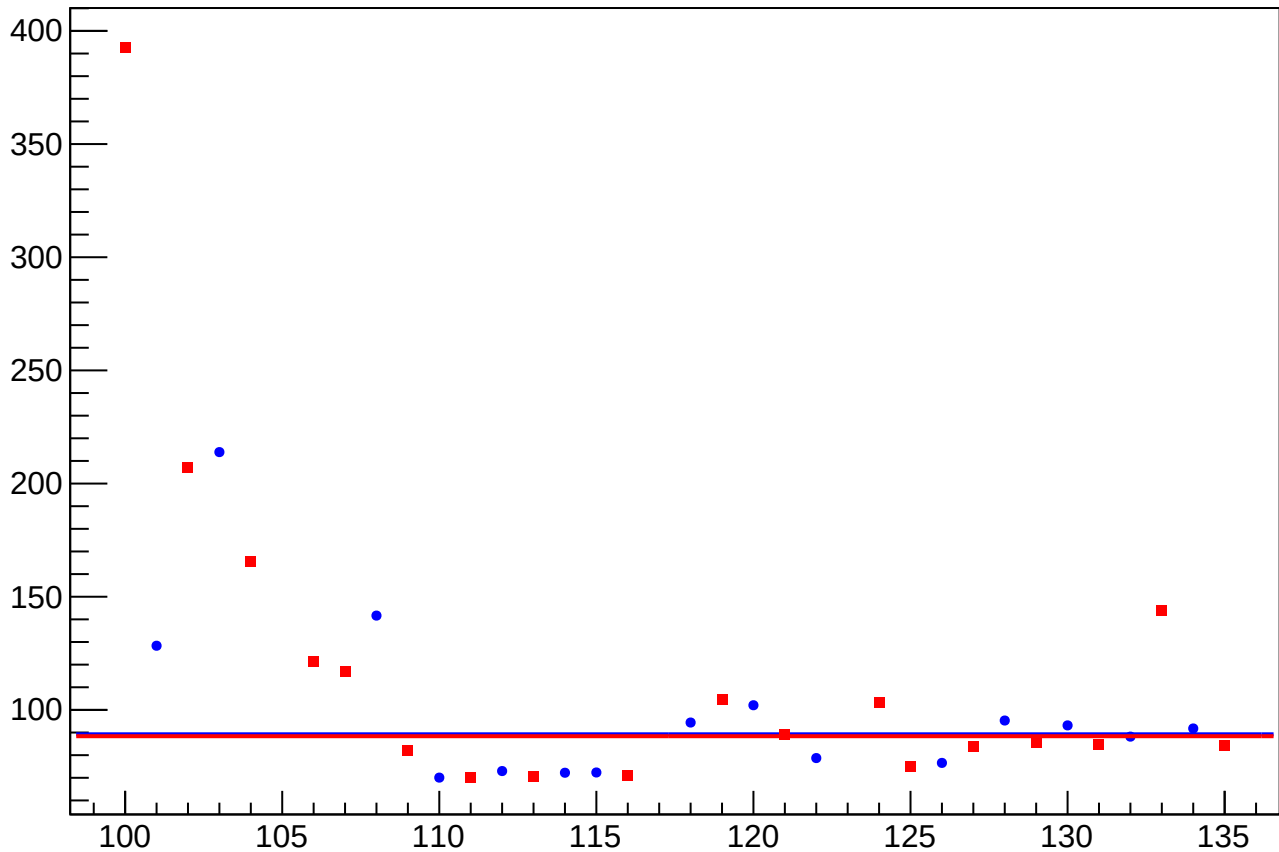
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.478 ± 25.473 χ^2/NDF : 40.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_avg_rms vs Slug



Right In: 89.218 $\pm$ 0.026 χ^2 /NDF: 796452.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 88.373 $\pm$ 0.025 χ^2 /NDF: 1106214.9/17

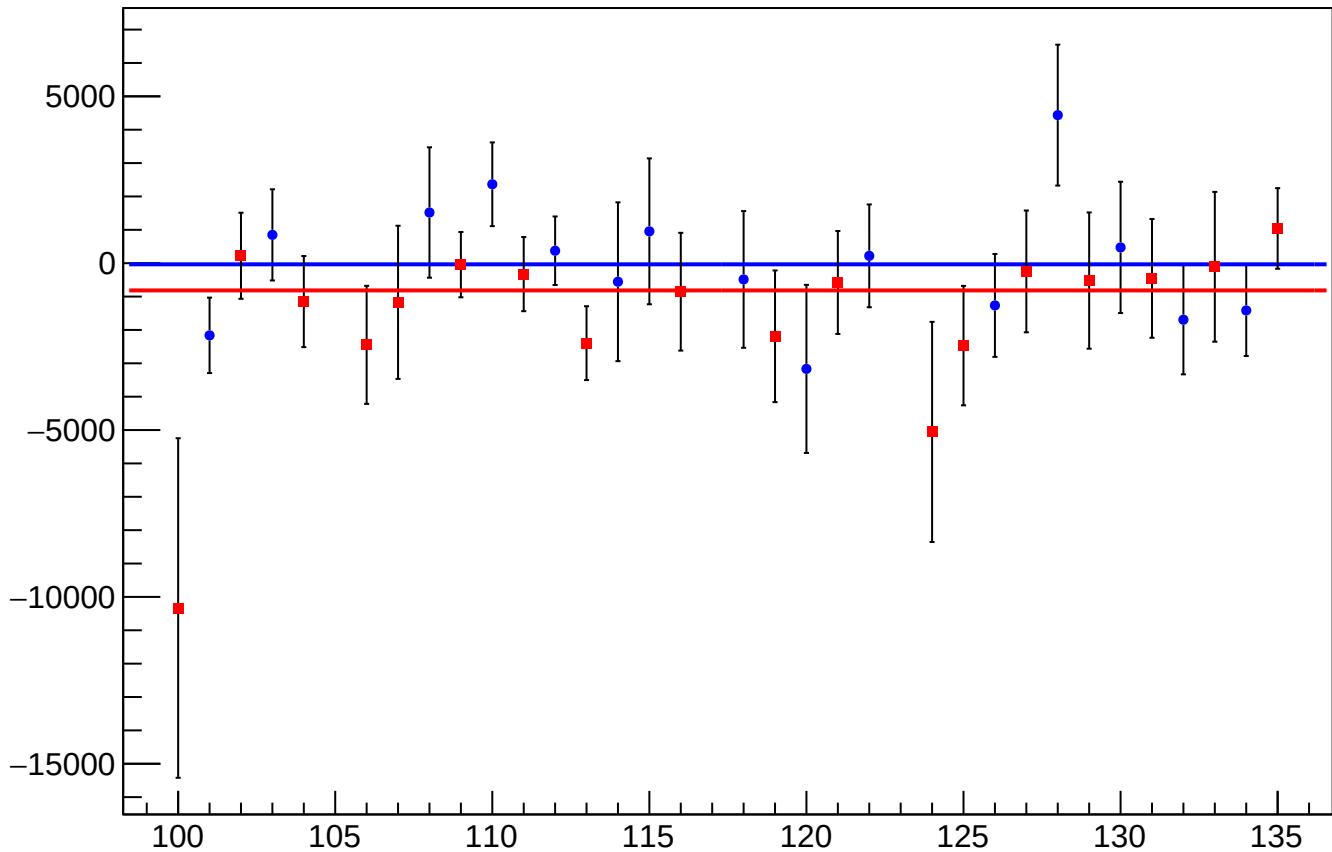
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.768 $\pm$ 0.018 χ^2 /NDF: 1903215.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_correction_mean vs Slug



Right In: -33.909 ± 402.258 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -816.031 ± 365.170 χ^2/NDF : 13.6/17

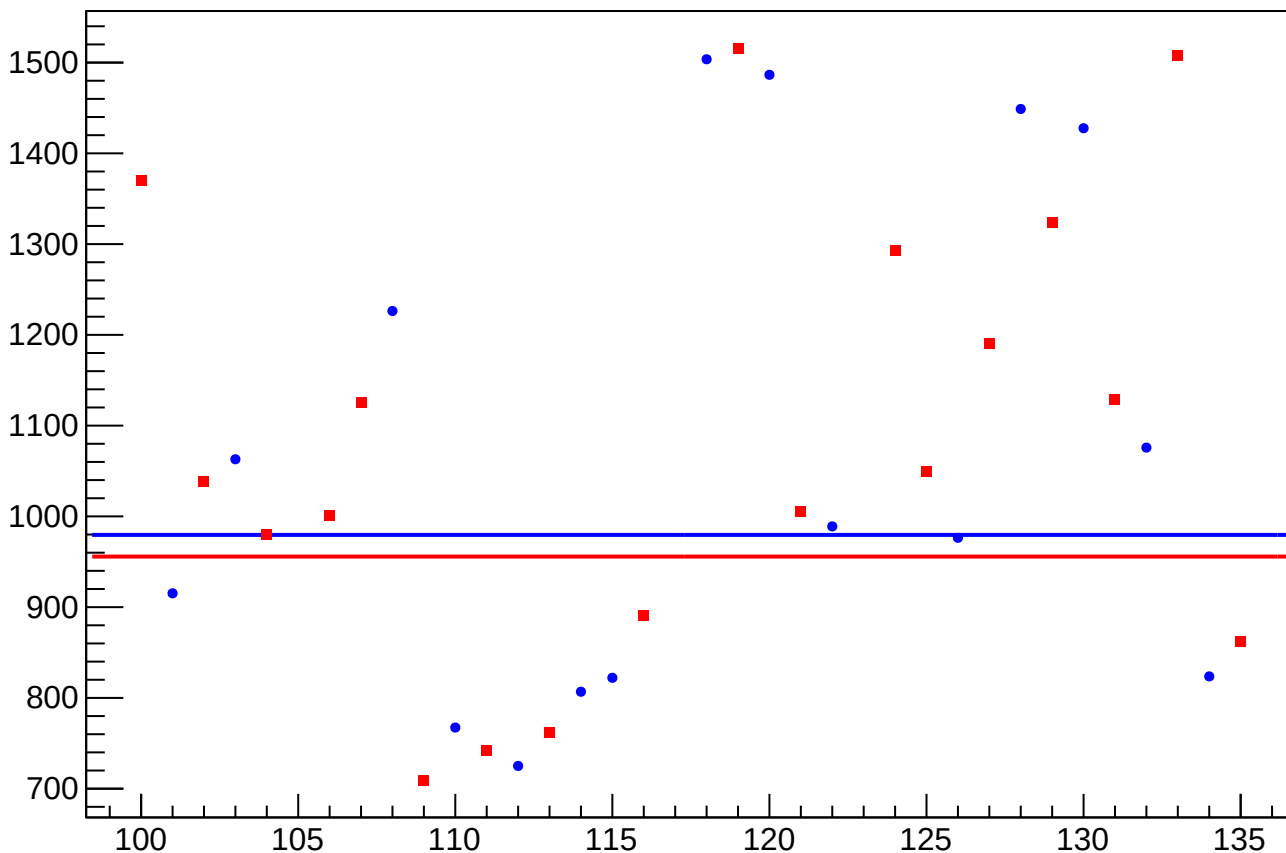
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -462.680 ± 270.378 χ^2/NDF : 33.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_correction_rms vs Slug



Right In: 979.594+/-0.284 χ^2/NDF : 694378.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

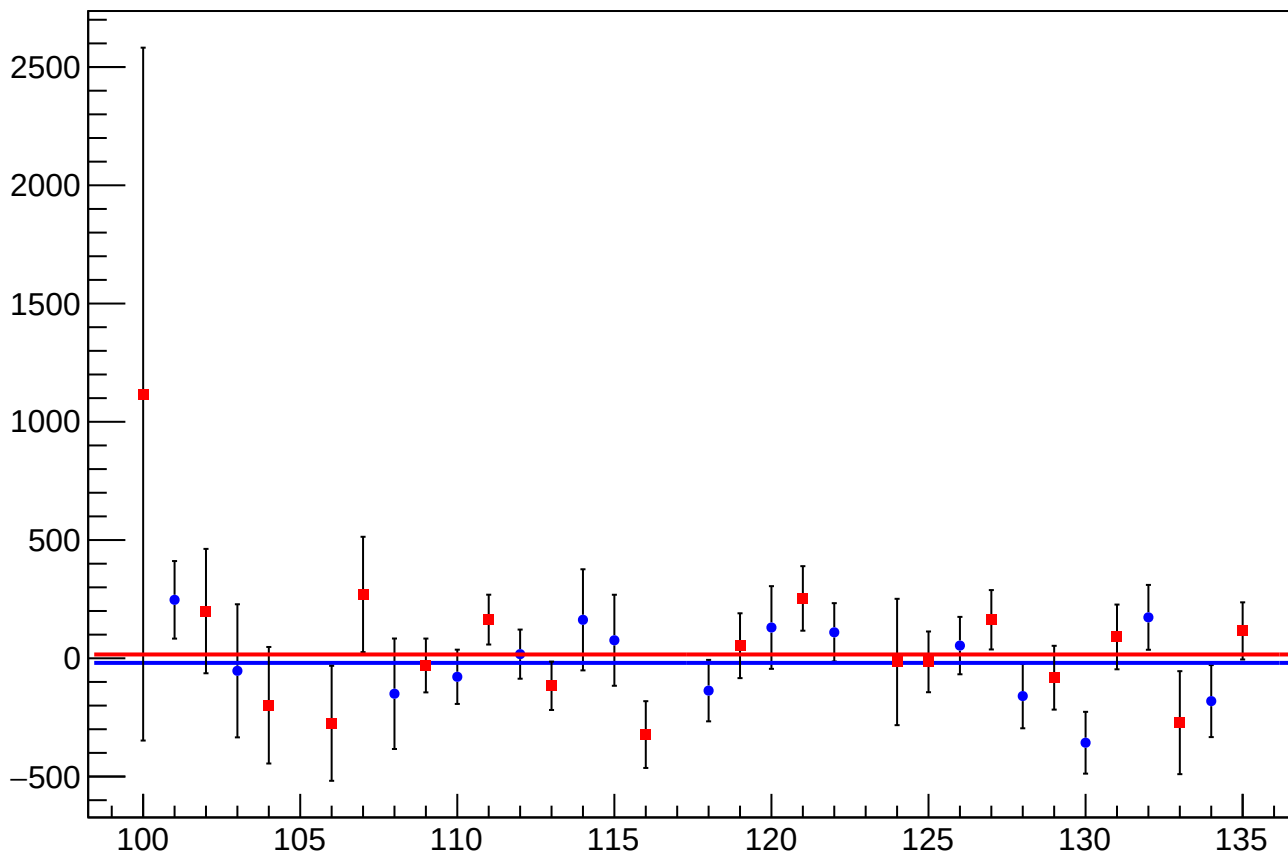
Right Out: 955.722+/-0.258 χ^2/NDF : 738803.0/17

All: 966.507+/-0.191 χ^2/NDF : 1437042.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_mean vs Slug



Right In: -19.447 ± 37.268 χ^2/NDF : 18.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.157 ± 34.897 χ^2/NDF : 21.7/17

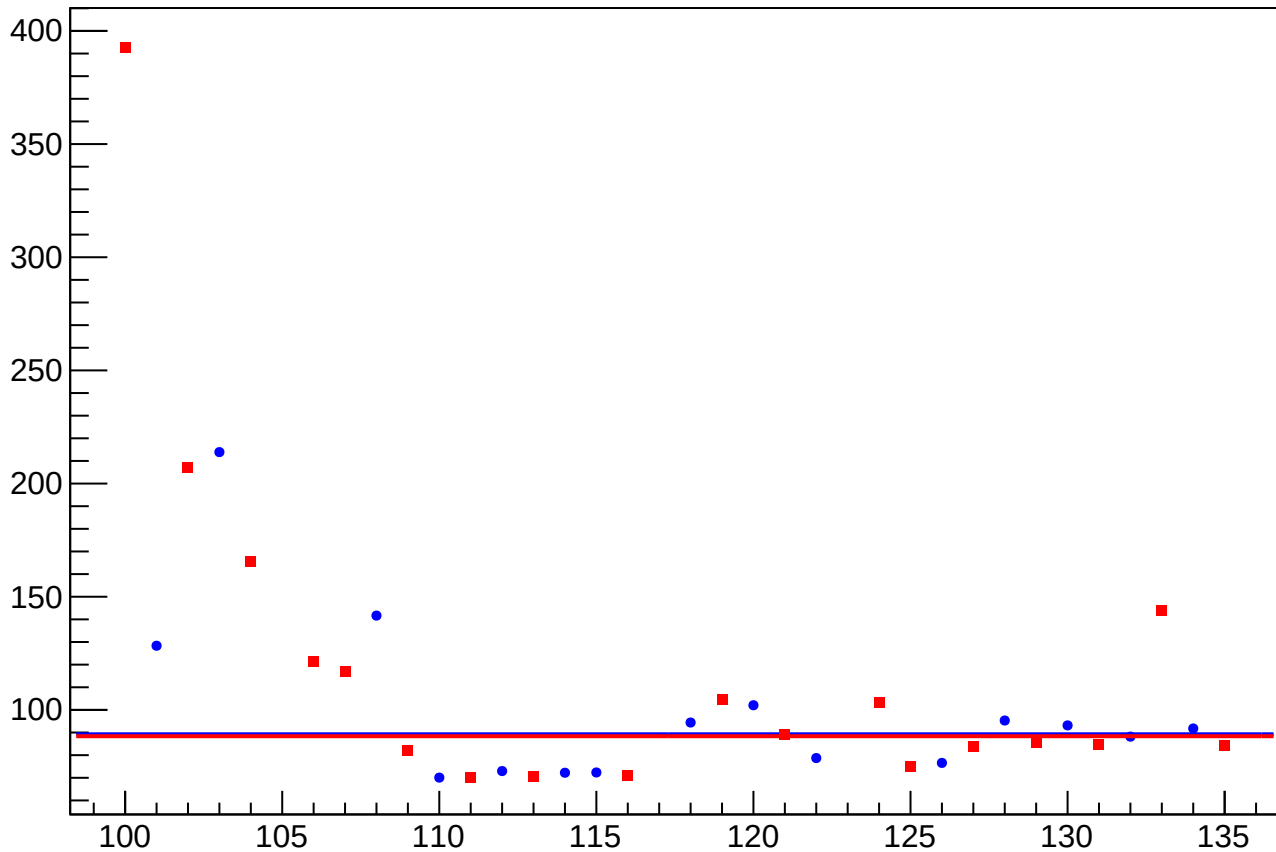
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.476 ± 25.473 χ^2/NDF : 40.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_avg_rms vs Slug



Right In: 89.219+/-0.026 χ^2/NDF : 796437.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 88.373+/-0.025 χ^2/NDF : 1106209.7/17

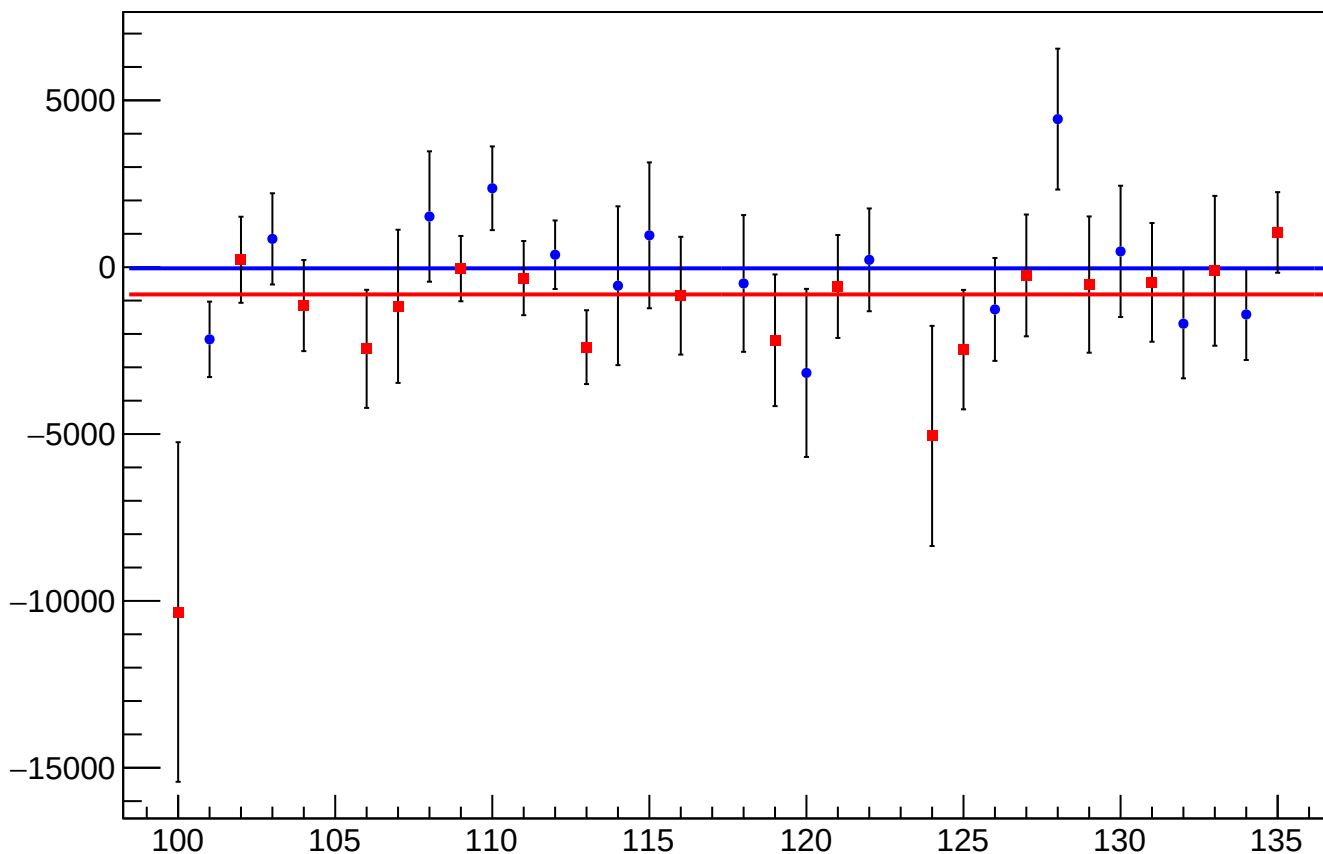
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.768+/-0.018 χ^2/NDF : 1903195.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_mean vs Slug



Right In: -33.909 ± 402.257 χ^2/NDF : 17.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -816.030 ± 365.169 χ^2/NDF : 13.6/17

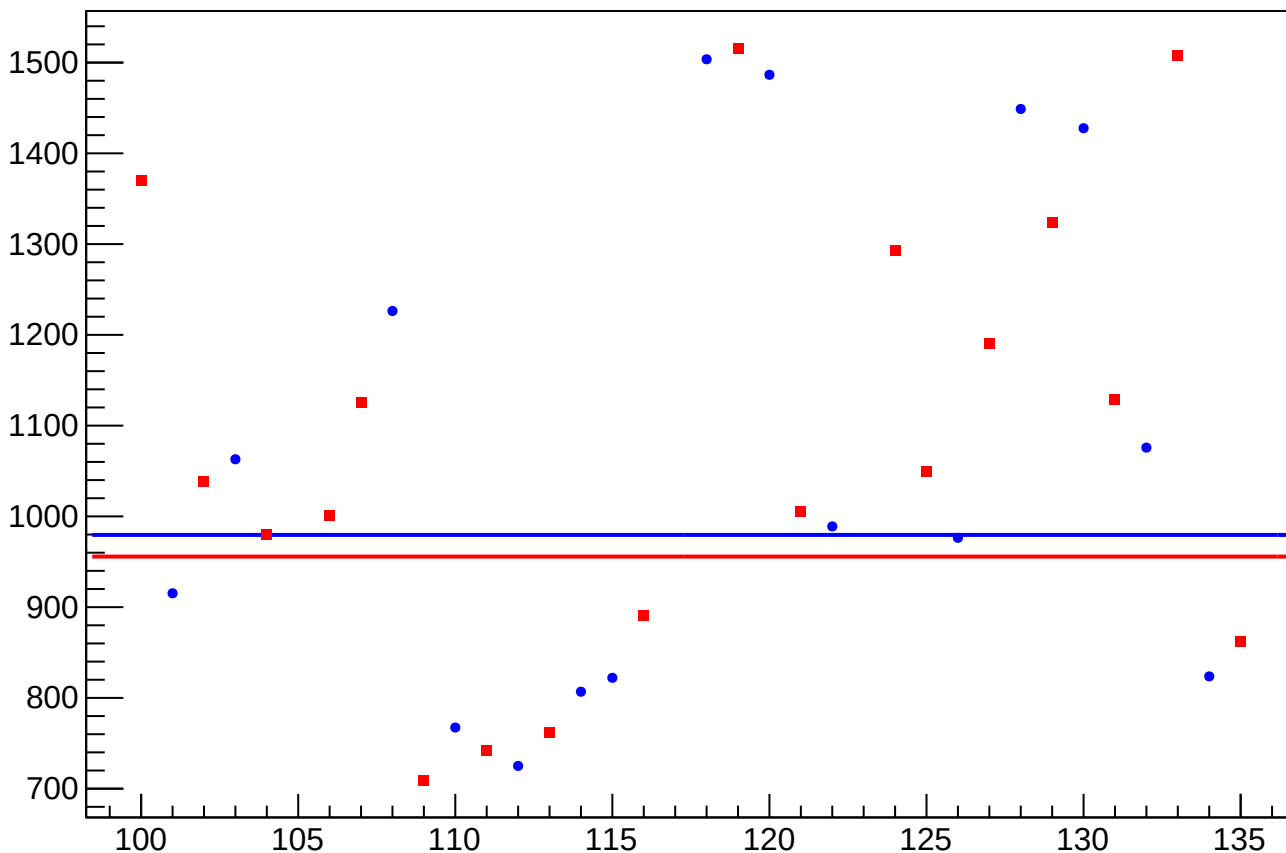
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -462.680 ± 270.377 χ^2/NDF : 33.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_correction_rms vs Slug



Right In: 979.591+/-0.284 χ^2/NDF : 694383.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 955.720+/-0.258 χ^2/NDF : 738802.7/17

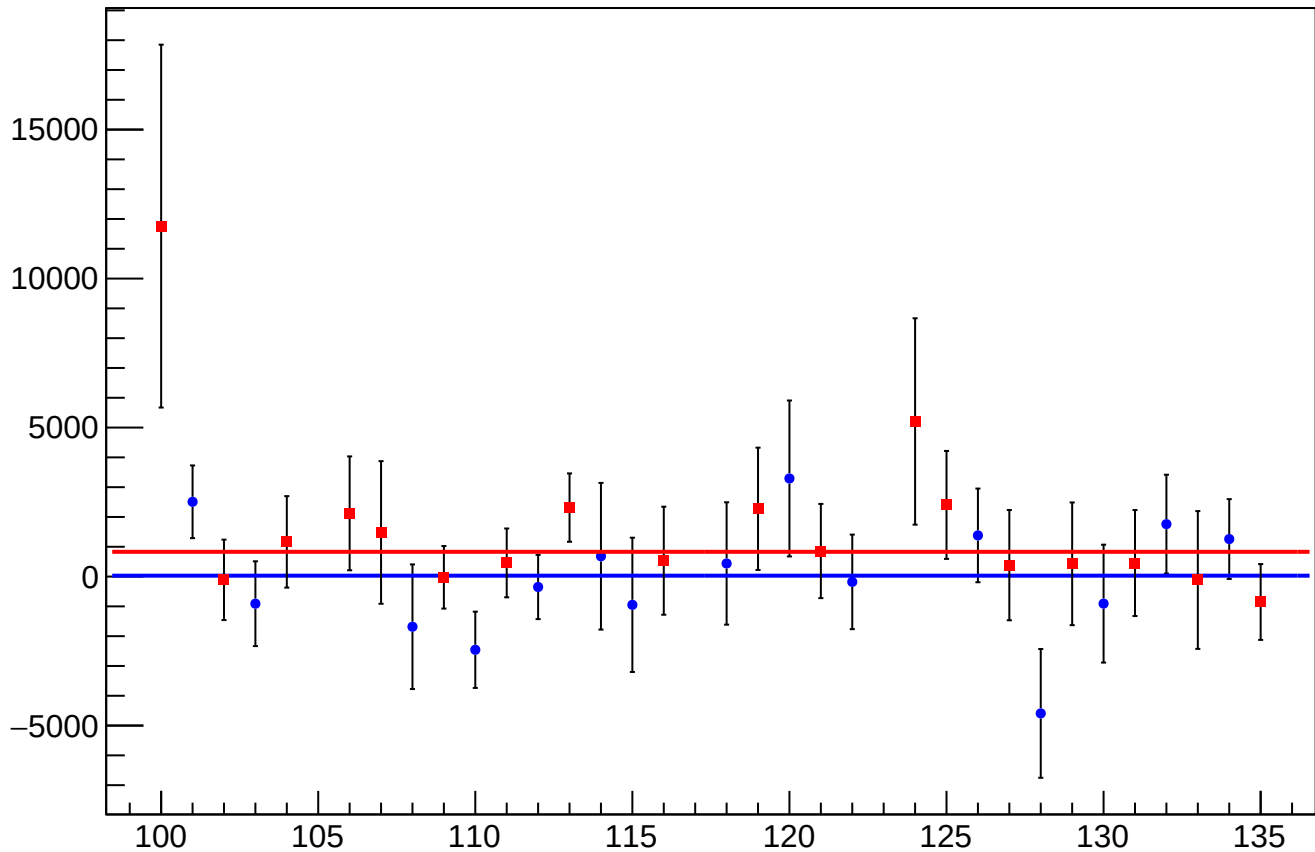
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 966.504+/-0.191 χ^2/NDF : 1437047.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_mean vs Slug



Right In: 30.170+/-415.065 χ^2/NDF : 18.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 831.415+/-382.184 χ^2/NDF : 11.7/17

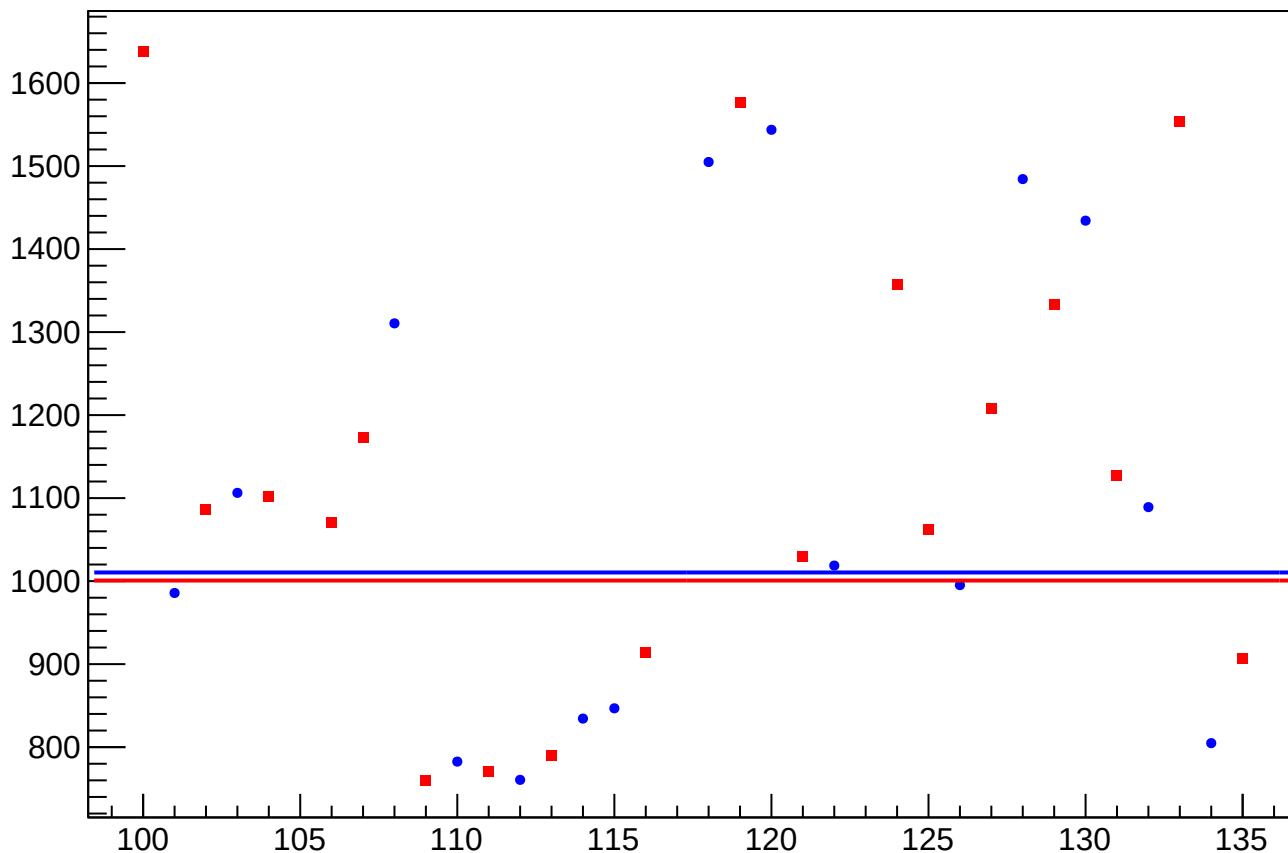
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 463.782+/-281.152 χ^2/NDF : 32.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_rms vs Slug



Right In: 1010.423+/-0.293 χ^2/NDF : 681729.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1000.724+/-0.270 χ^2/NDF : 703295.2/17

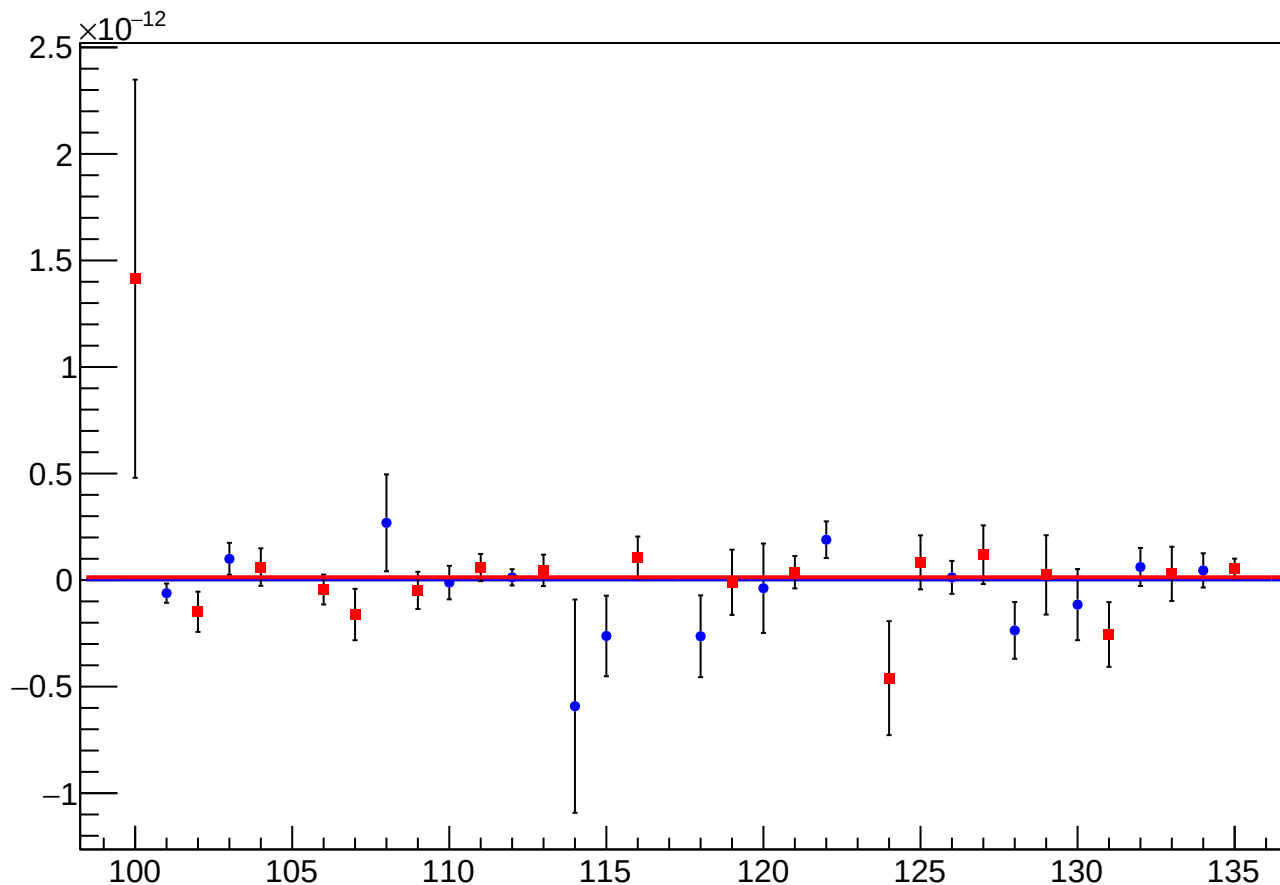
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1005.174+/-0.199 χ^2/NDF : 1385616.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/17

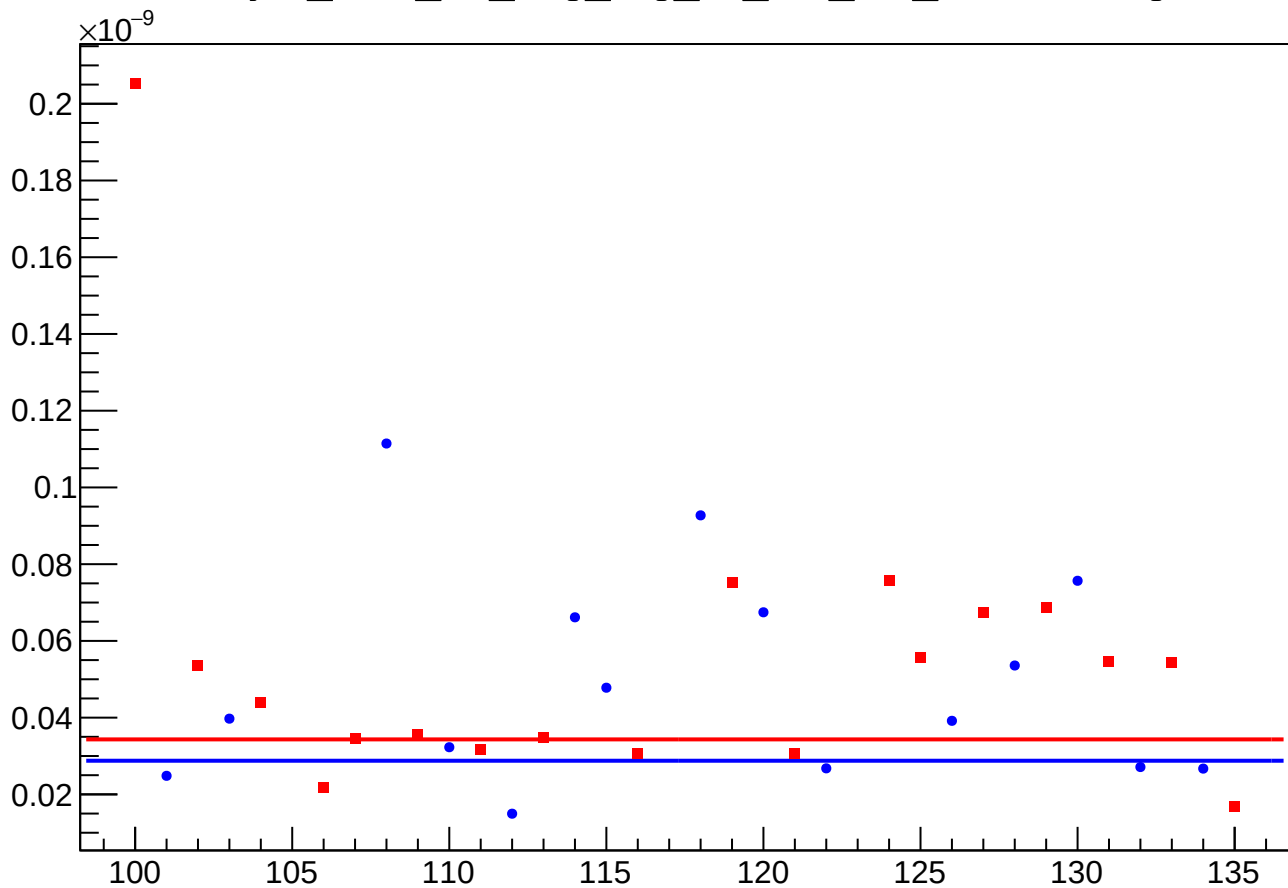
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 38.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1176974.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1053722.6/17

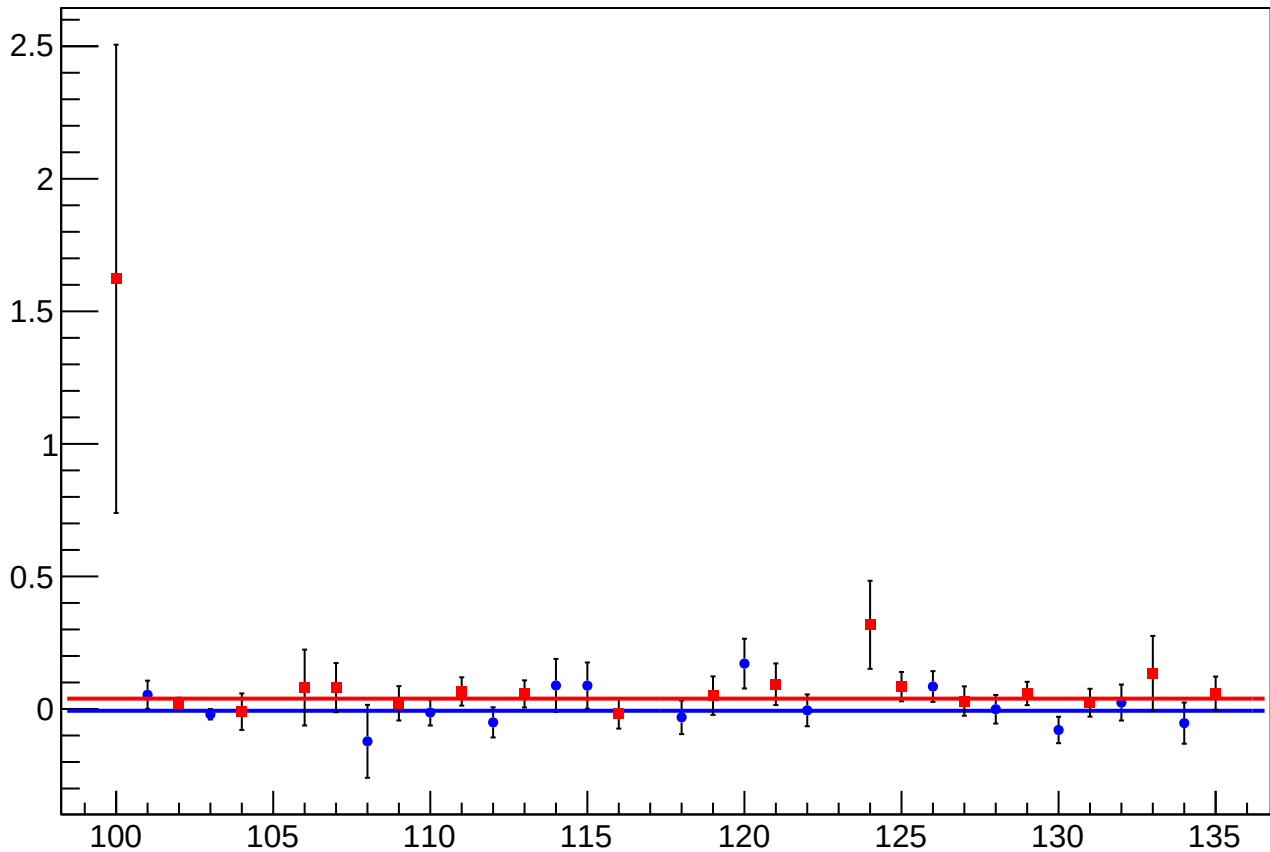
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2298929.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.039 ± 0.013 χ^2/NDF : 11.1/17

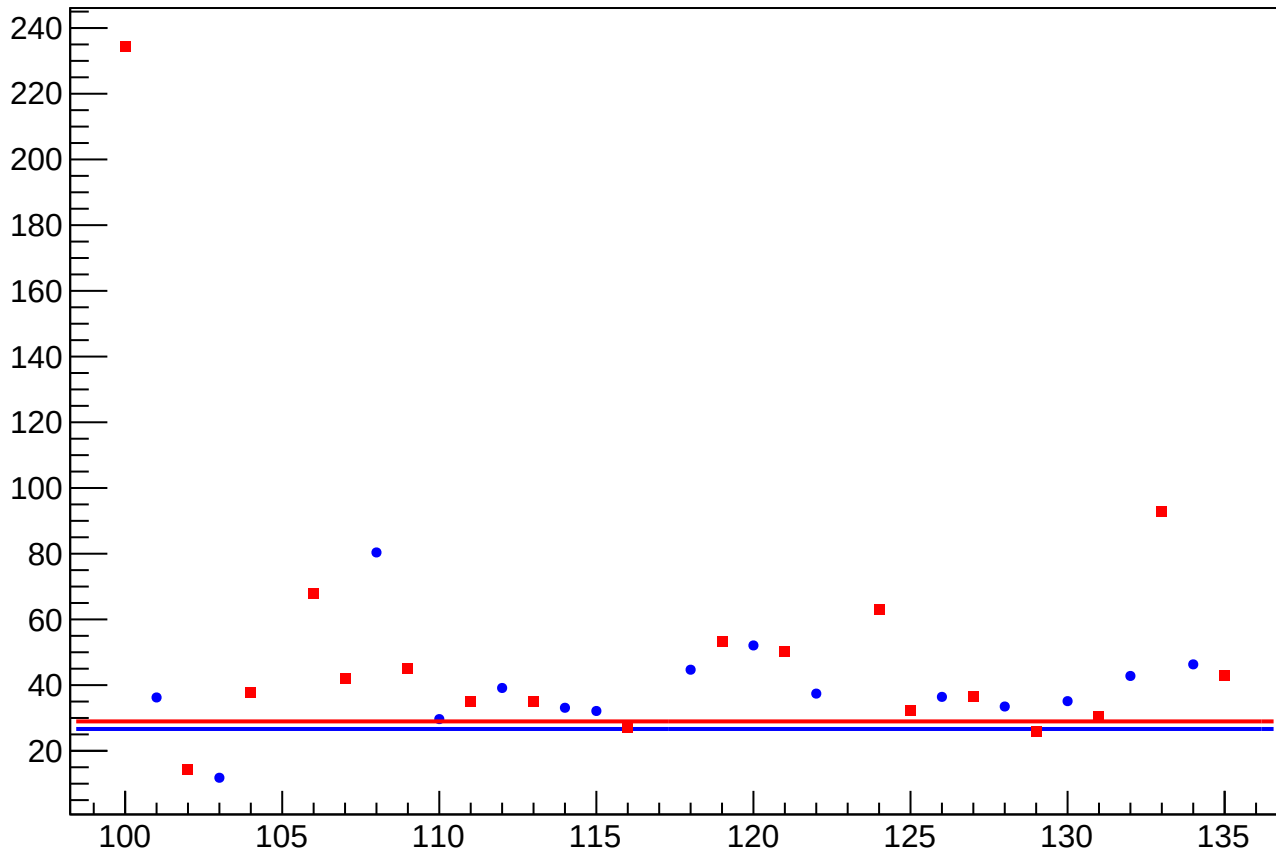
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_cor_diff_rms vs Slug



Right In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.957+/-0.009 χ^2/NDF : 2456084.1/17

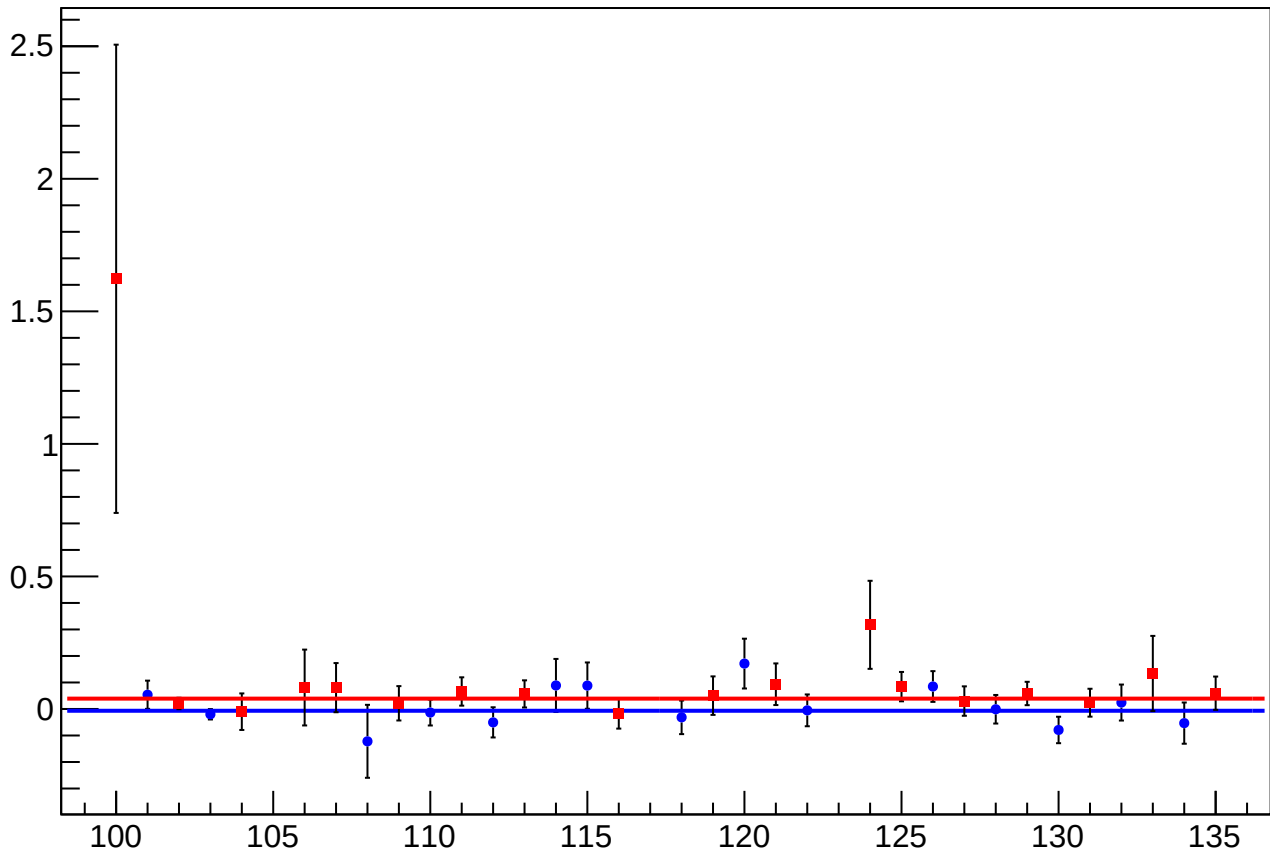
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.805+/-0.006 χ^2/NDF : 4881997.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.013 χ^2 /NDF: 14.1/14

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

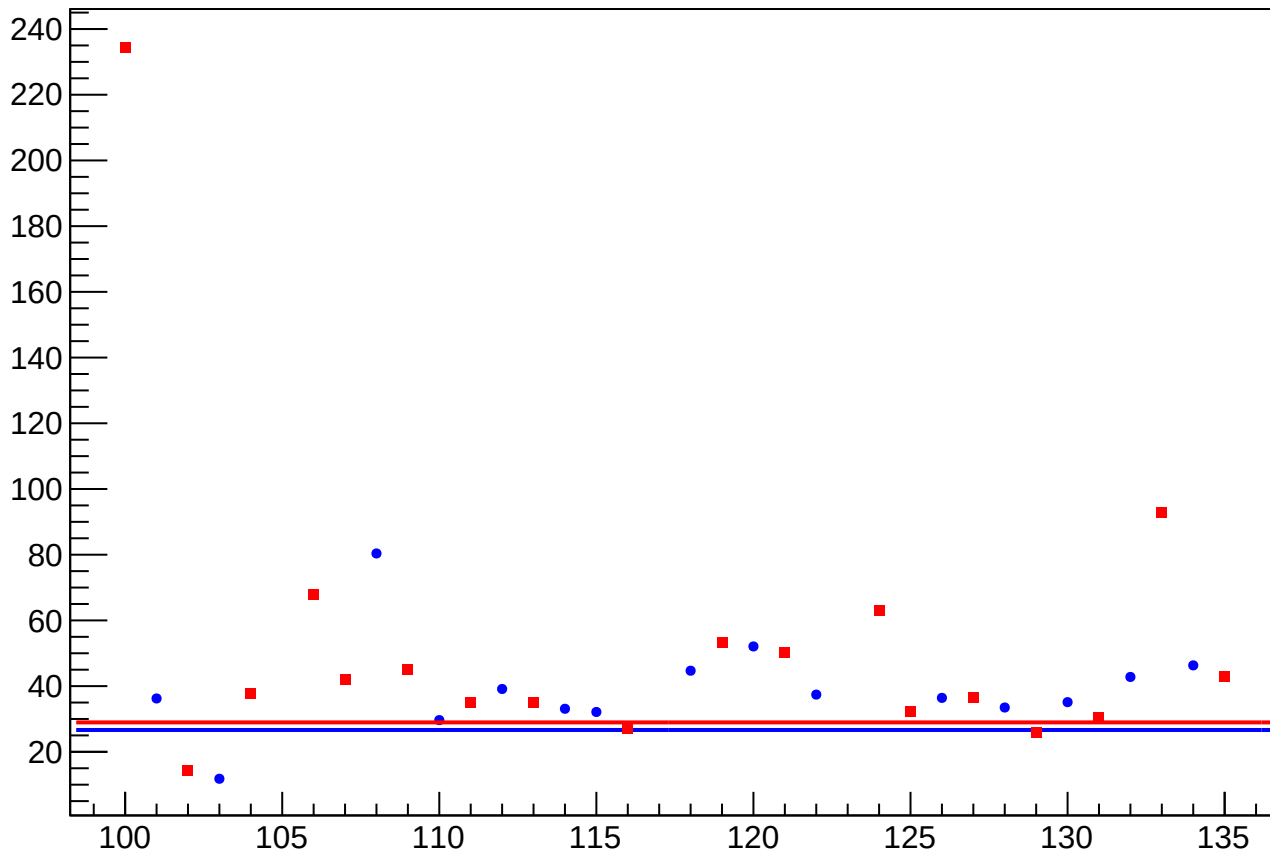
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 31.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.651+/-0.009 χ^2/NDF : 2393854.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.957+/-0.009 χ^2/NDF : 2456084.1/17

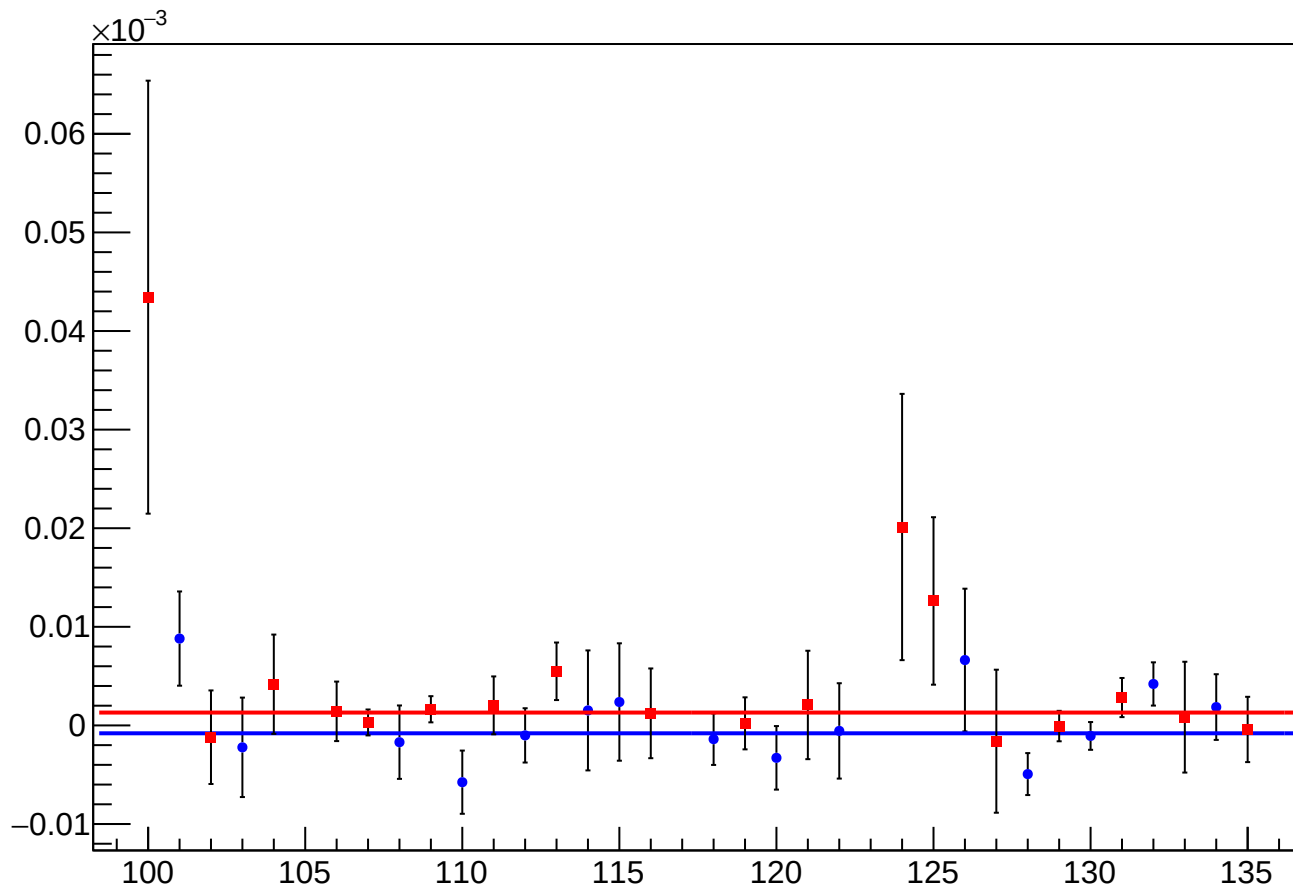
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.805+/-0.006 χ^2/NDF : 4881997.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.8/17

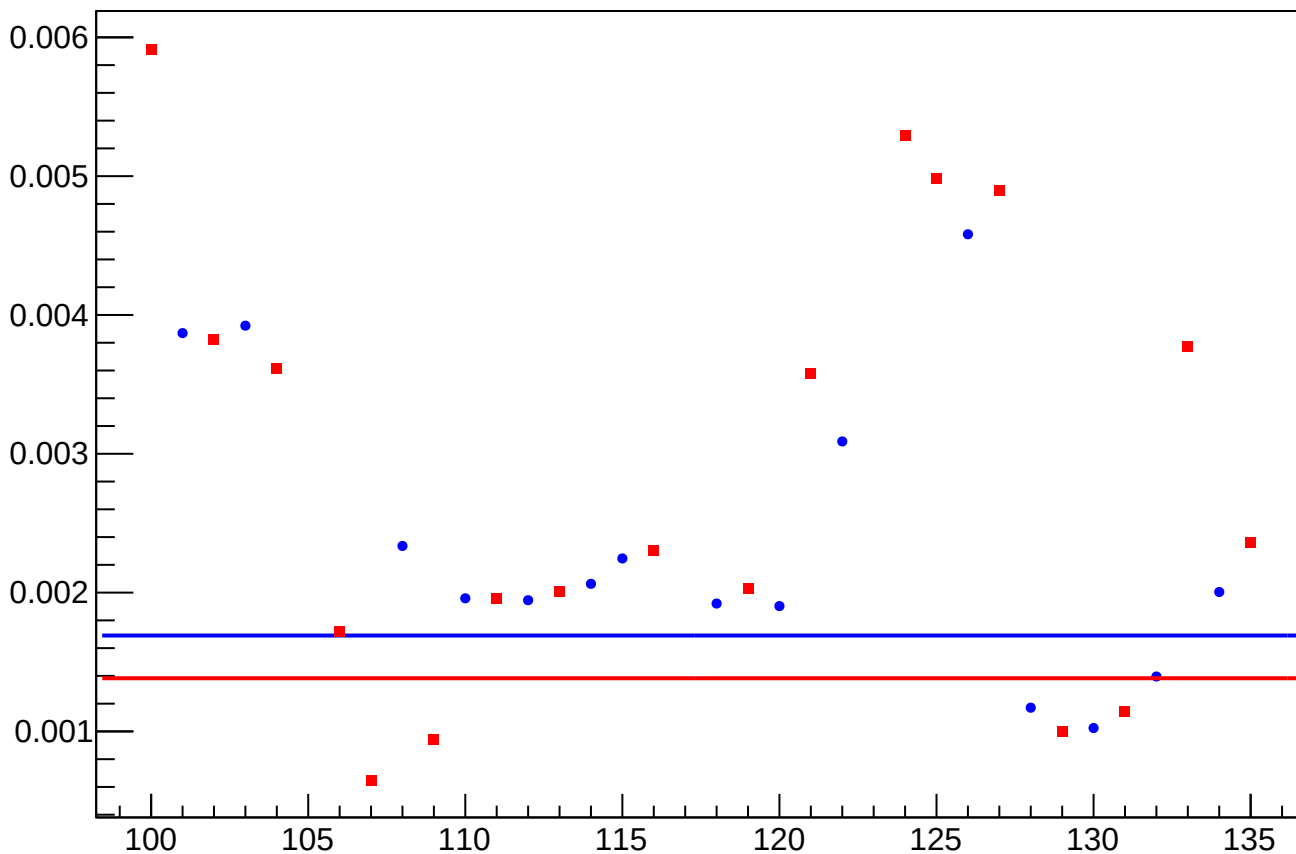
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2055451.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4255863.0/17

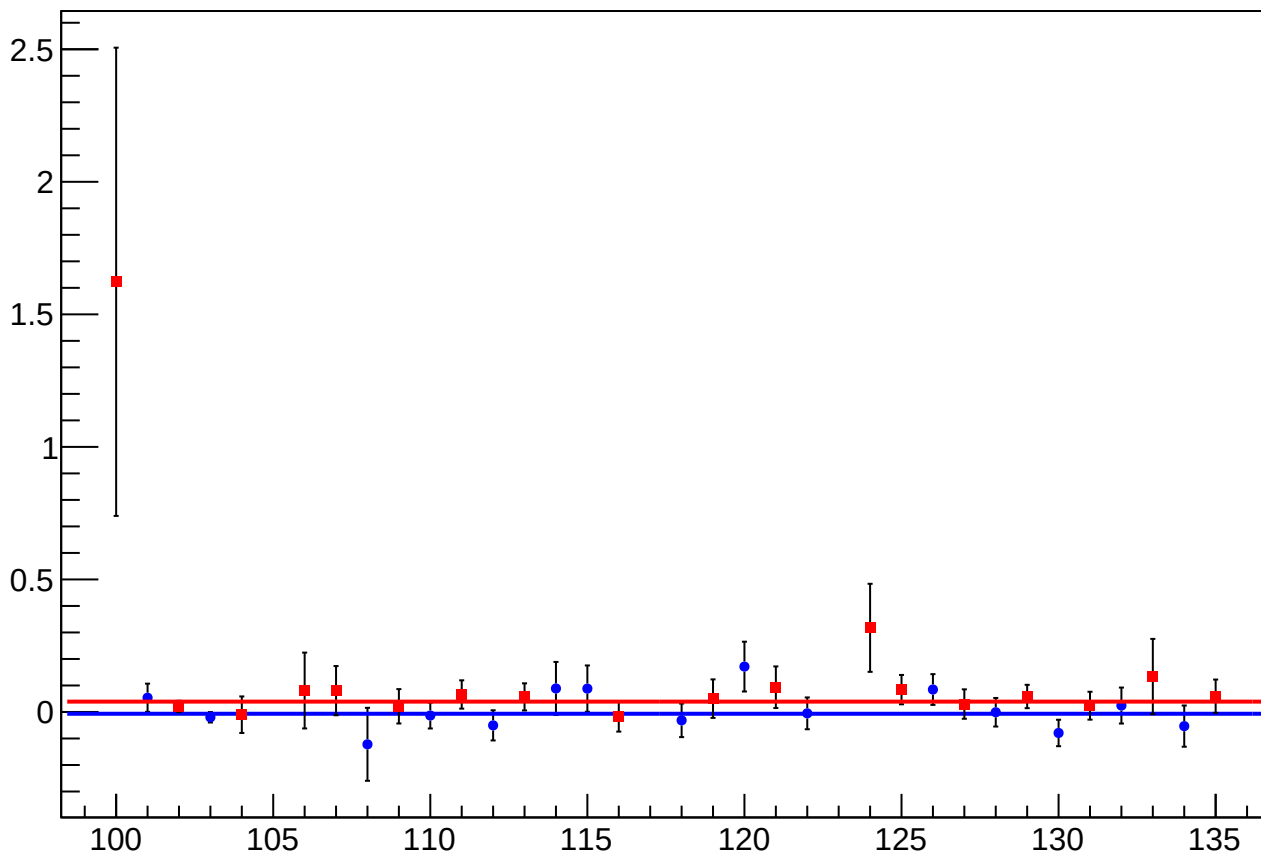
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6511641.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.007 ± 0.013 χ^2/NDF : 14.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.039 ± 0.013 χ^2/NDF : 11.1/17

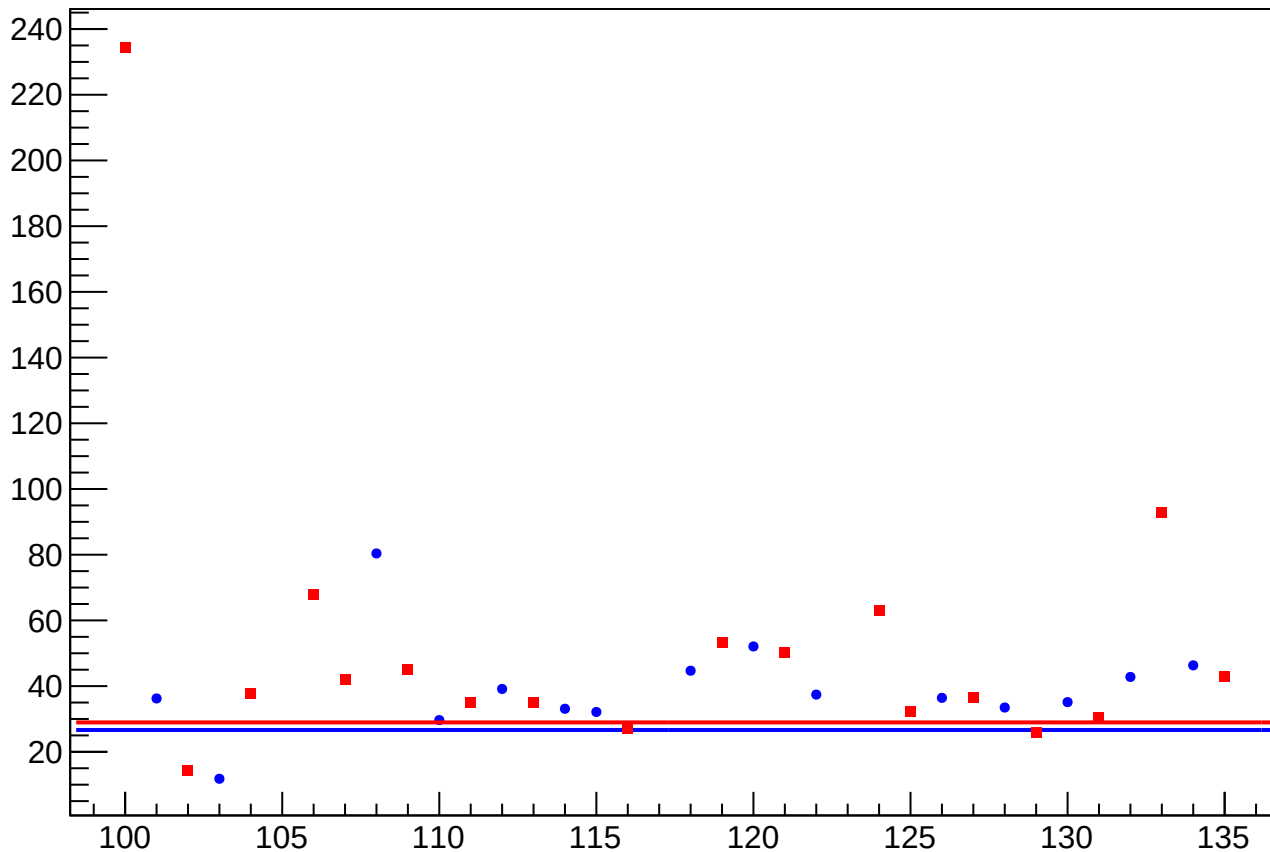
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.016 ± 0.009 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.959+/-0.009 χ^2/NDF : 2455491.4/17

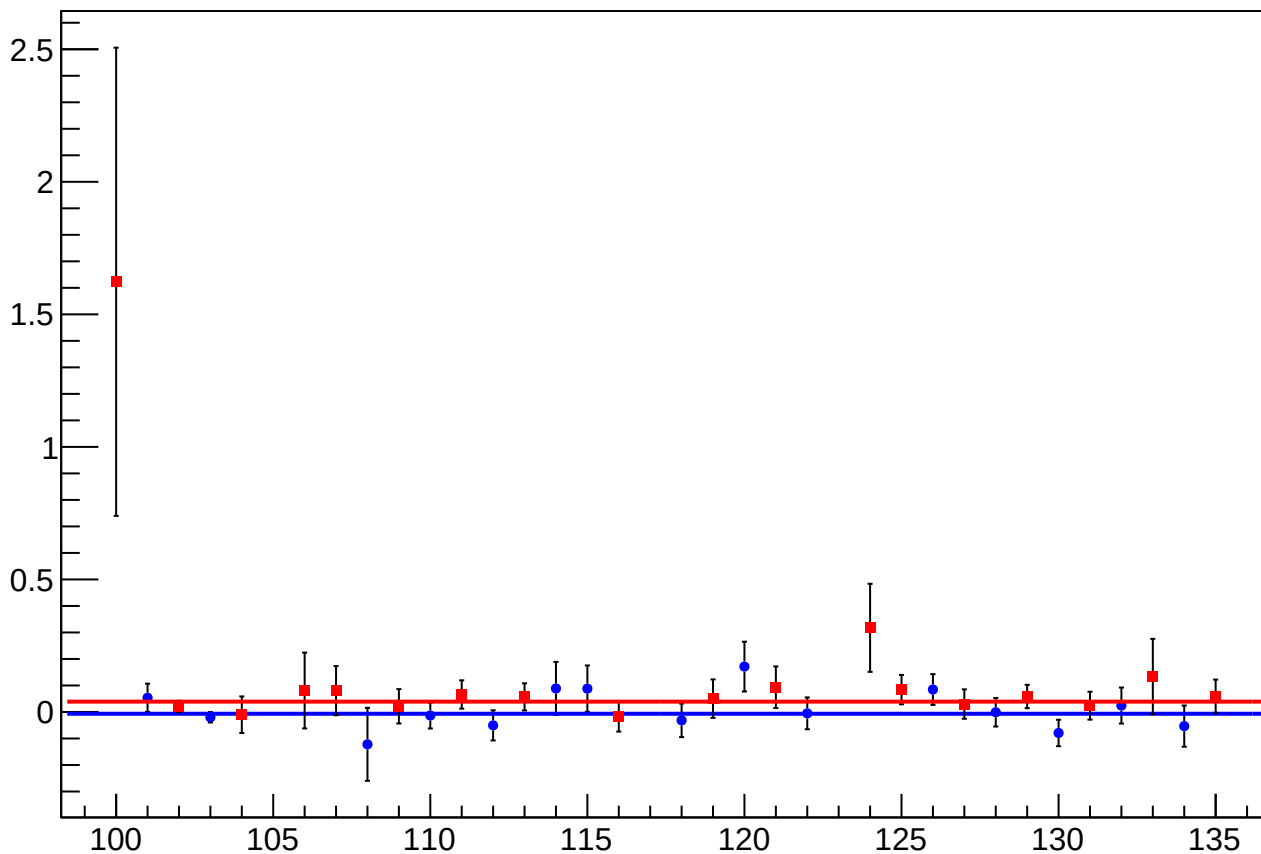
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.806+/-0.006 χ^2/NDF : 4881837.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.007 $\pm$ 0.013 χ^2 /NDF: 14.1/14

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

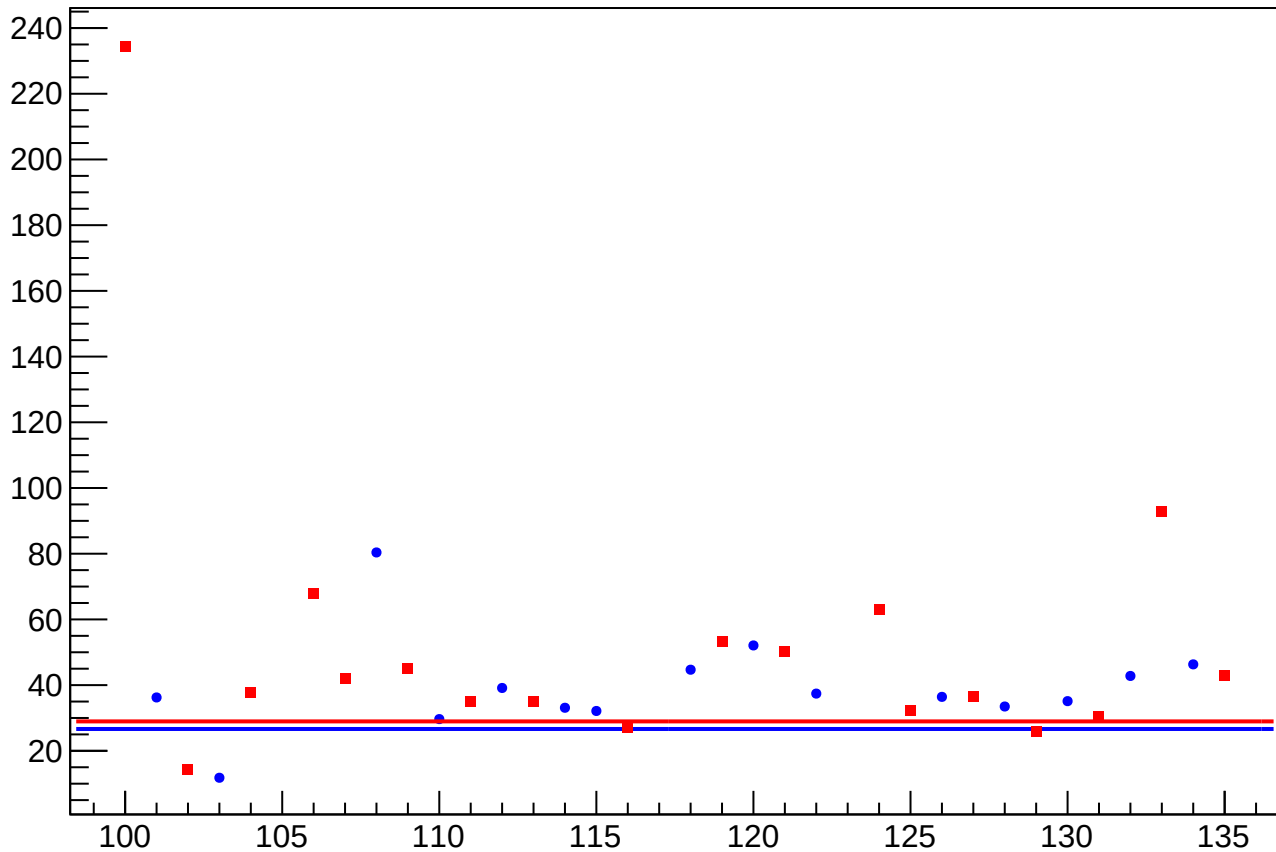
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.009 χ^2 /NDF: 31.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.650+/-0.009 χ^2/NDF : 2394189.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.959+/-0.009 χ^2/NDF : 2455491.4/17

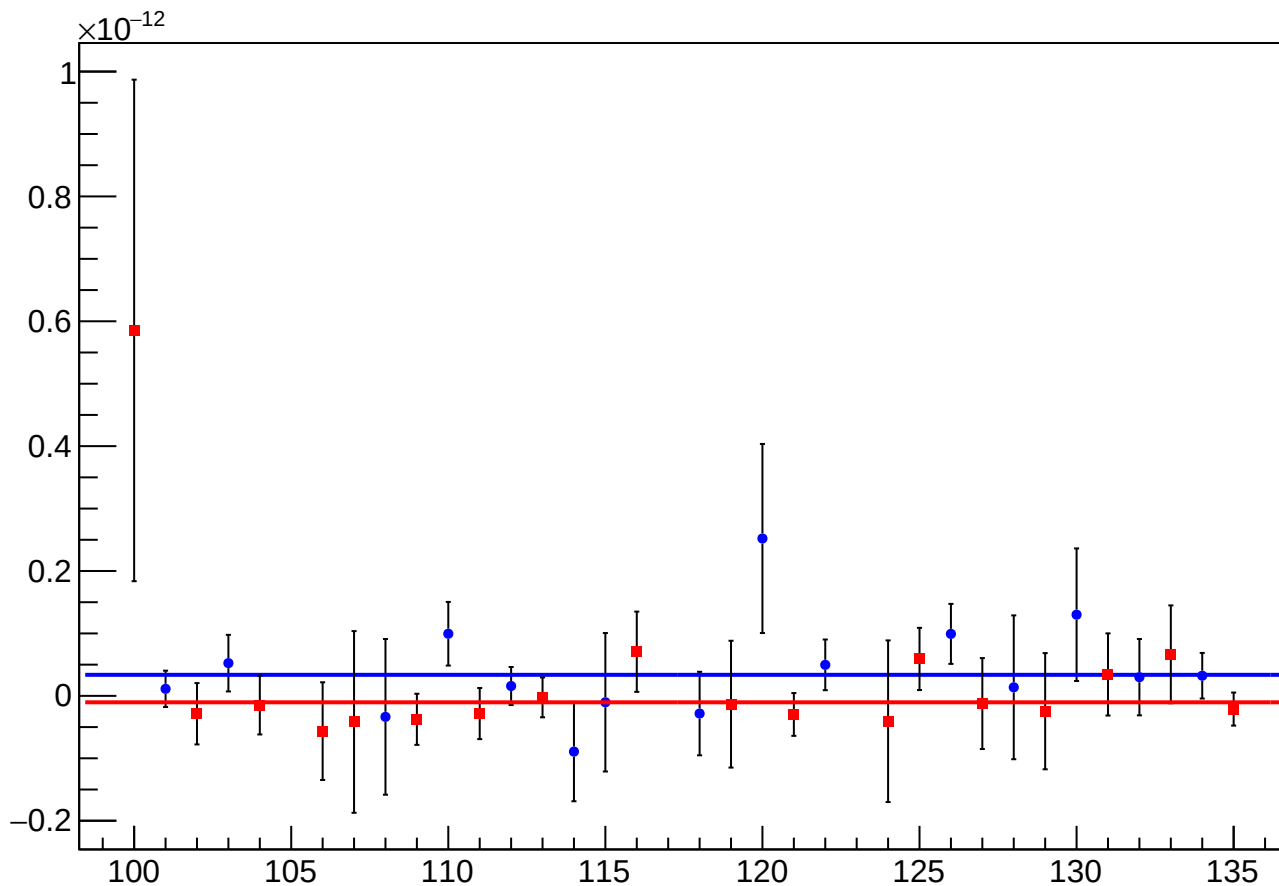
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.806+/-0.006 χ^2/NDF : 4881837.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 9.0/17

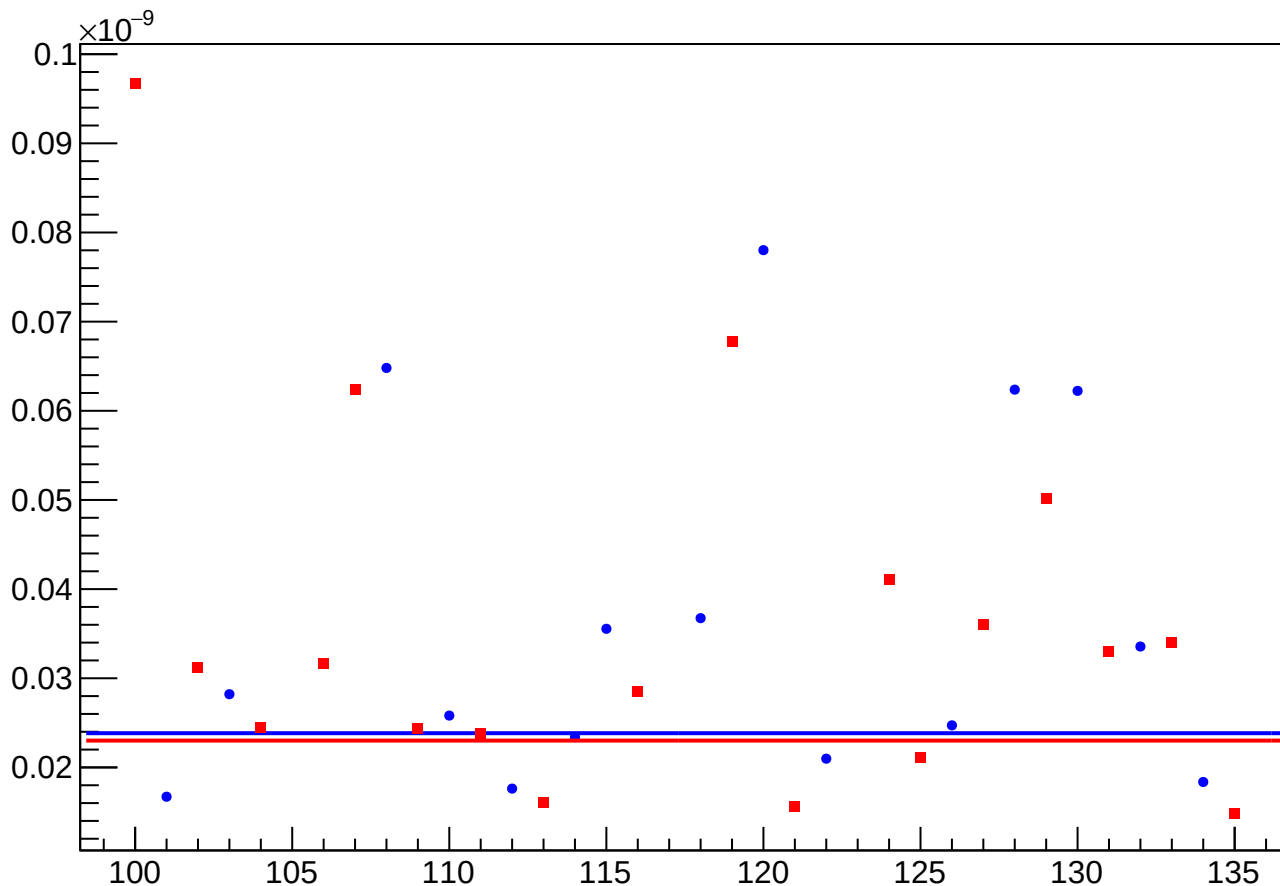
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1384727.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1442326.4/17

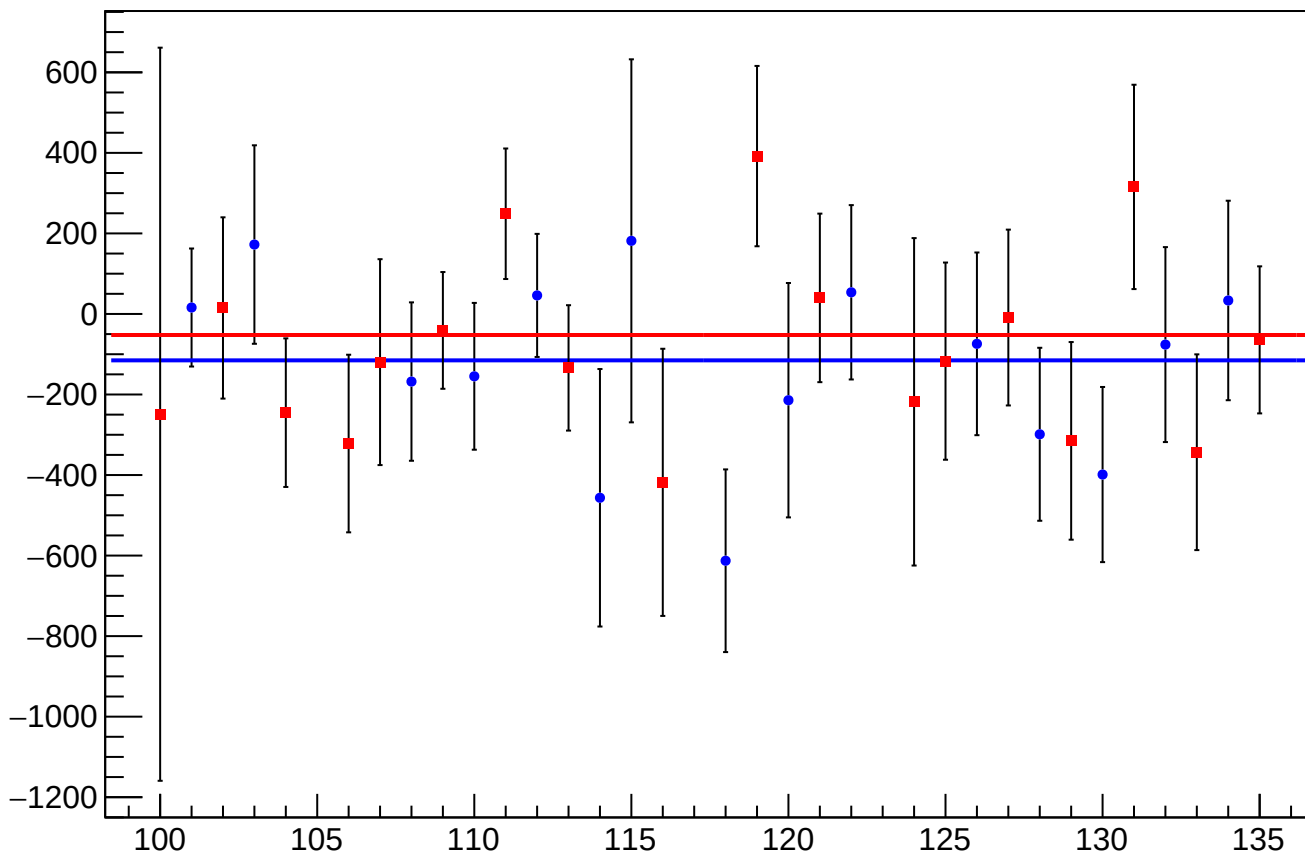
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2831482.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_mean vs Slug



Right In: -115.226 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -52.243 $\pm$ 50.783 χ^2 /NDF: 16.8/17

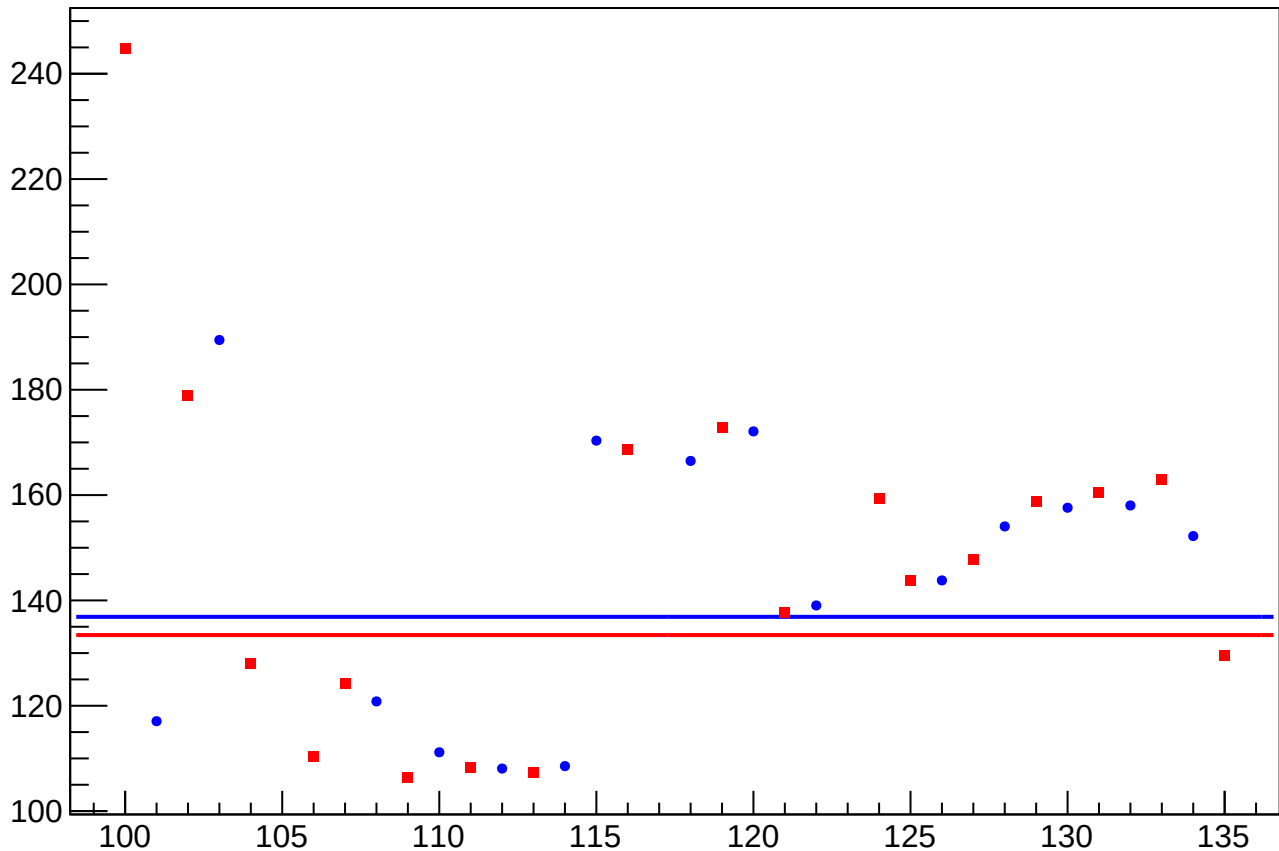
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -80.948 $\pm$ 37.464 χ^2 /NDF: 30.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_rms vs Slug



Right In: 136.883 $\pm$ 0.039 χ^2 /NDF: 397727.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.423 $\pm$ 0.036 χ^2 /NDF: 492016.0/17

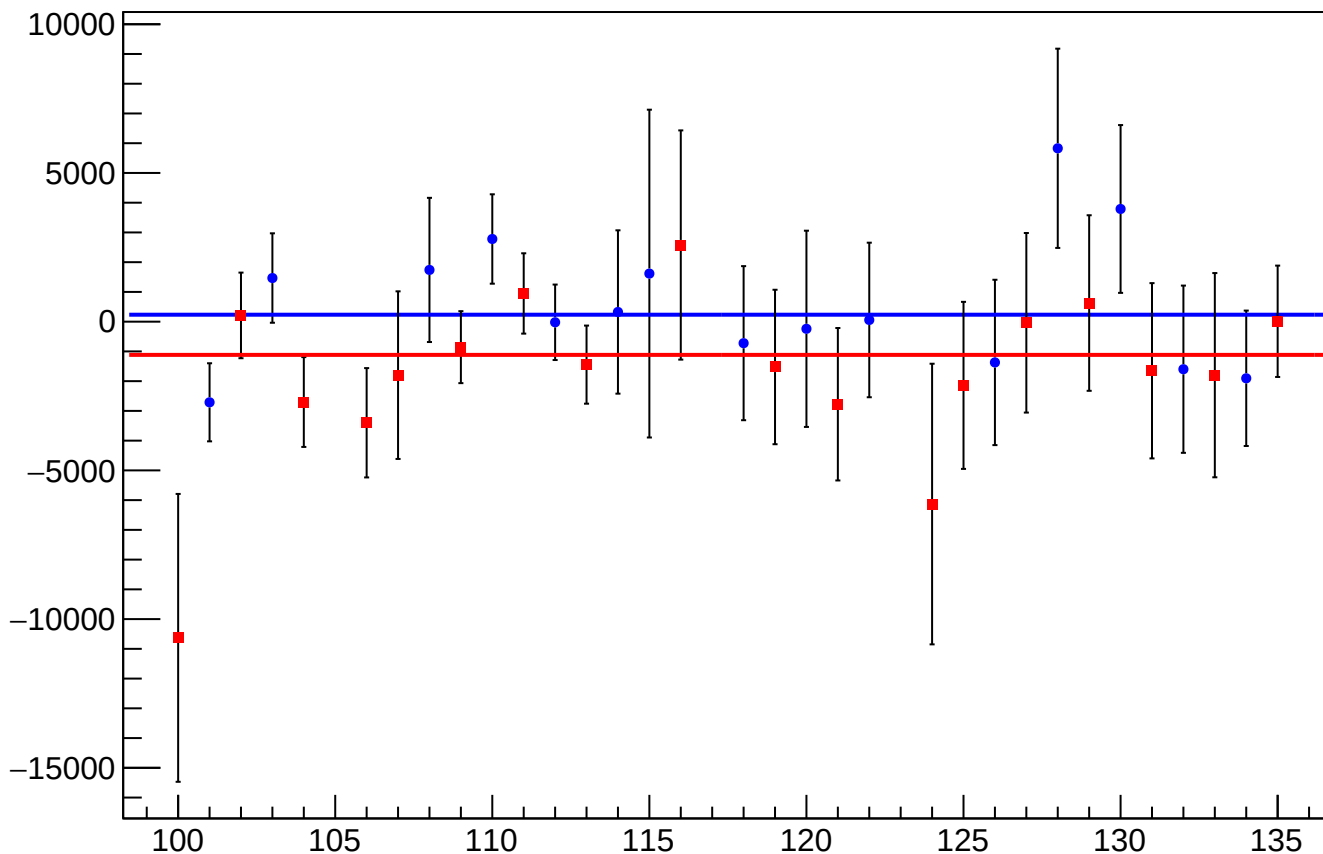
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 135.000 $\pm$ 0.026 χ^2 /NDF: 893975.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_correction_mean vs Slug



Right In: 233.962 ± 536.381 χ^2/NDF : 15.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1116.817 ± 474.196 χ^2/NDF : 13.4/17

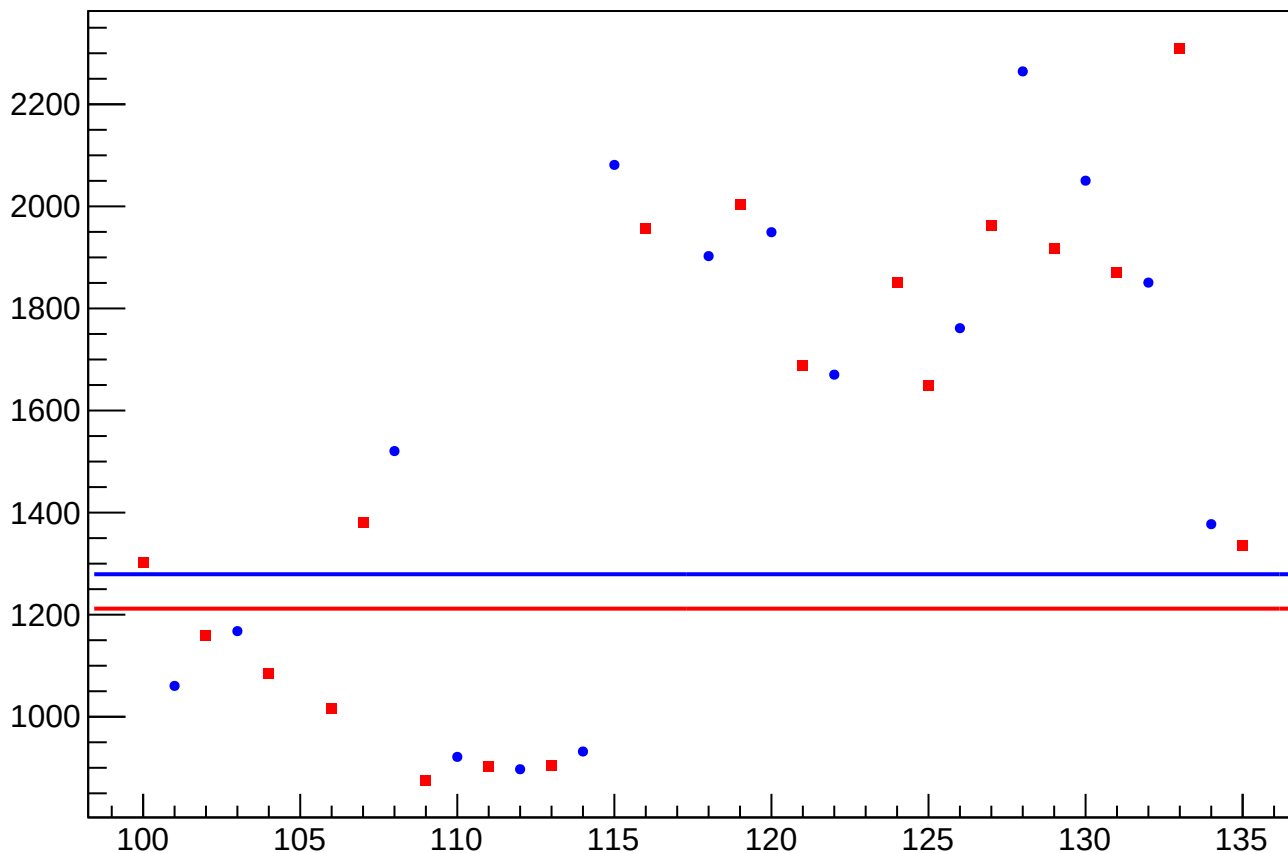
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -524.233 ± 355.268 χ^2/NDF : 32.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_correction_rms vs Slug



Right In: 1279.248 $\pm$ 0.379 χ^2 /NDF: 1168166.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

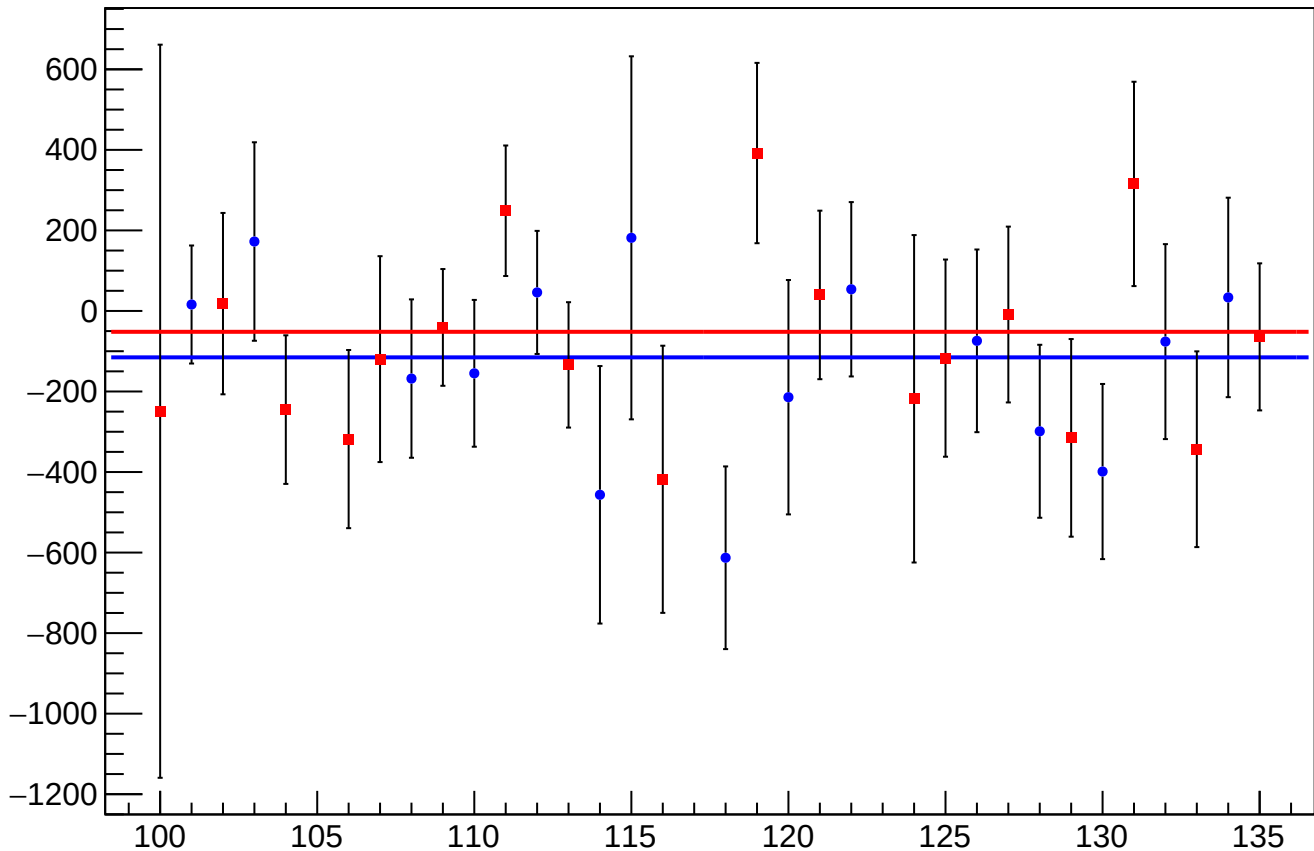
Right Out: 1211.846 $\pm$ 0.335 χ^2 /NDF: 1382081.9/17

All: 1241.415 $\pm$ 0.251 χ^2 /NDF: 2567974.8/32

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_mean vs Slug



Right In: -115.241 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.794 $\pm$ 50.793 χ^2 /NDF: 16.8/17

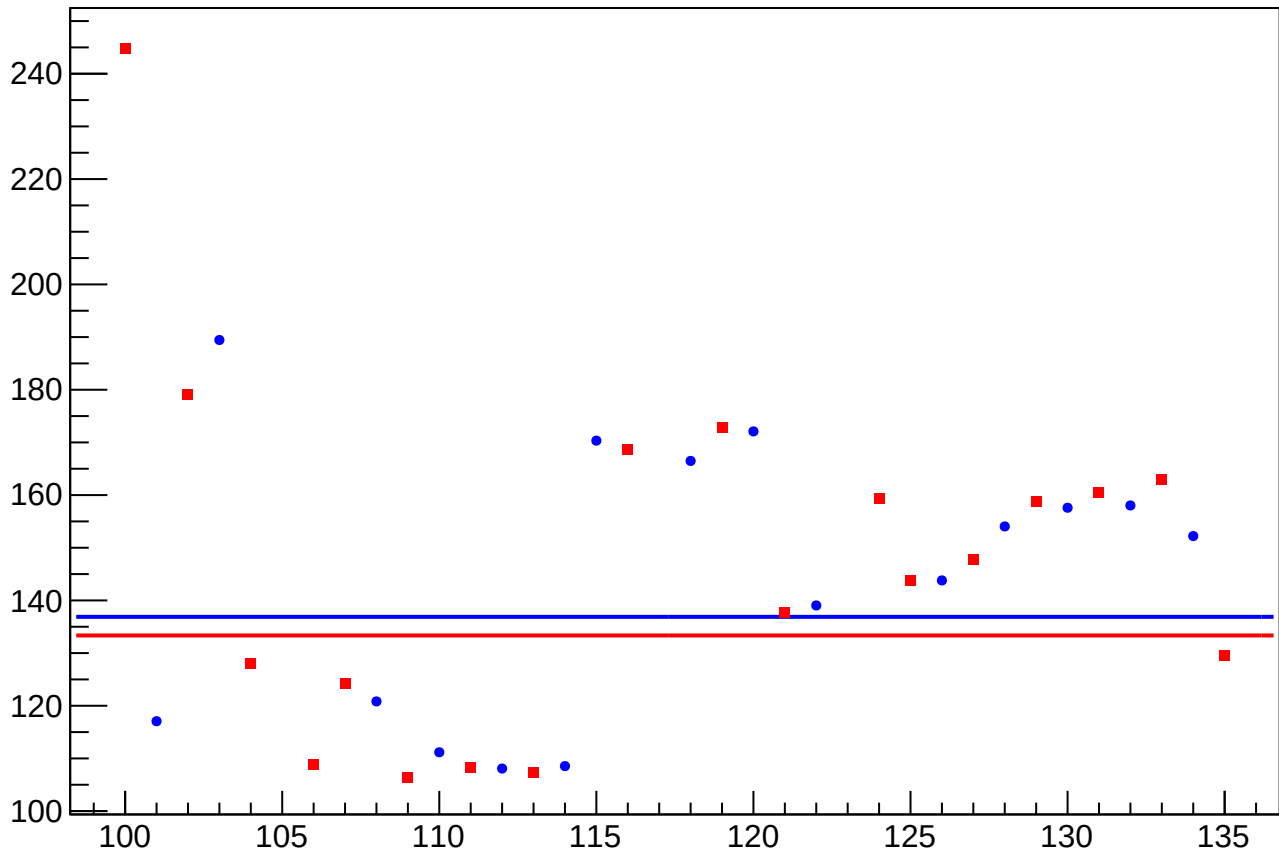
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -80.716 $\pm$ 37.468 χ^2 /NDF: 30.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_avg_rms vs Slug



Right In: 136.883 $\pm$ 0.039 χ^2 /NDF: 397730.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 133.348 $\pm$ 0.036 χ^2 /NDF: 495196.3/17

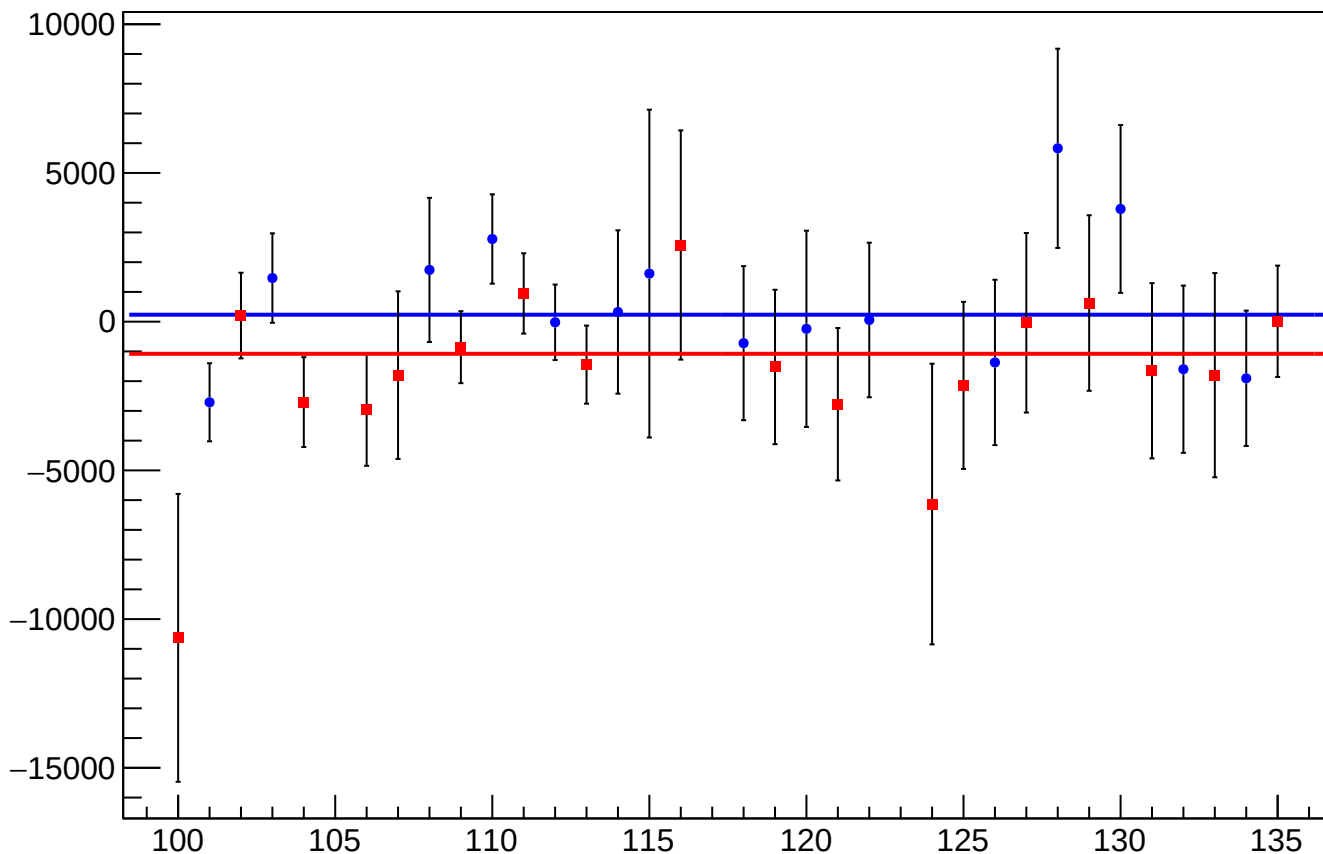
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 134.959 $\pm$ 0.026 χ^2 /NDF: 897342.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_cor_correction_mean vs Slug



Right In: 233.889 ± 536.387 χ^2/NDF : 15.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1080.599 ± 475.155 χ^2/NDF : 12.8/17

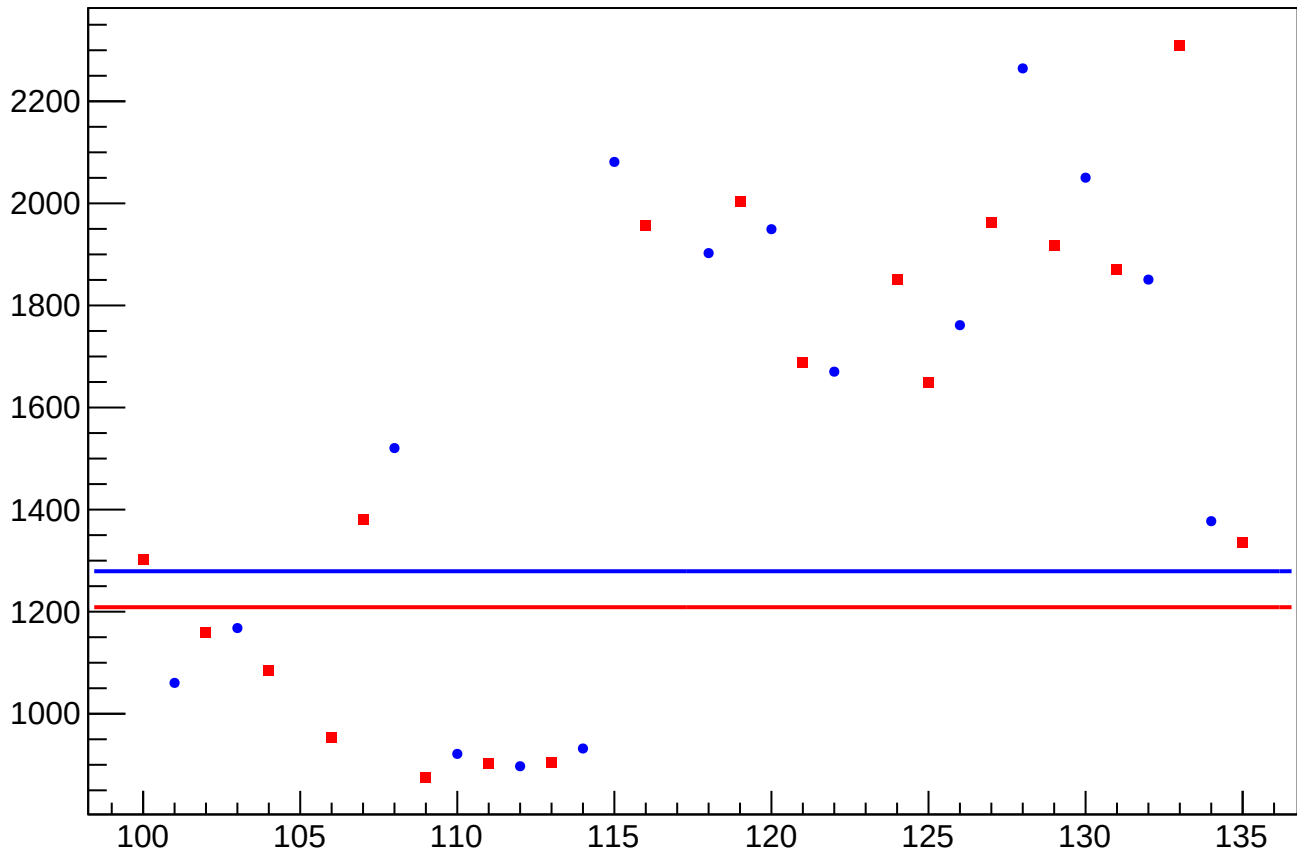
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -502.635 ± 355.673 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_cor_correction_rms vs Slug



Right In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

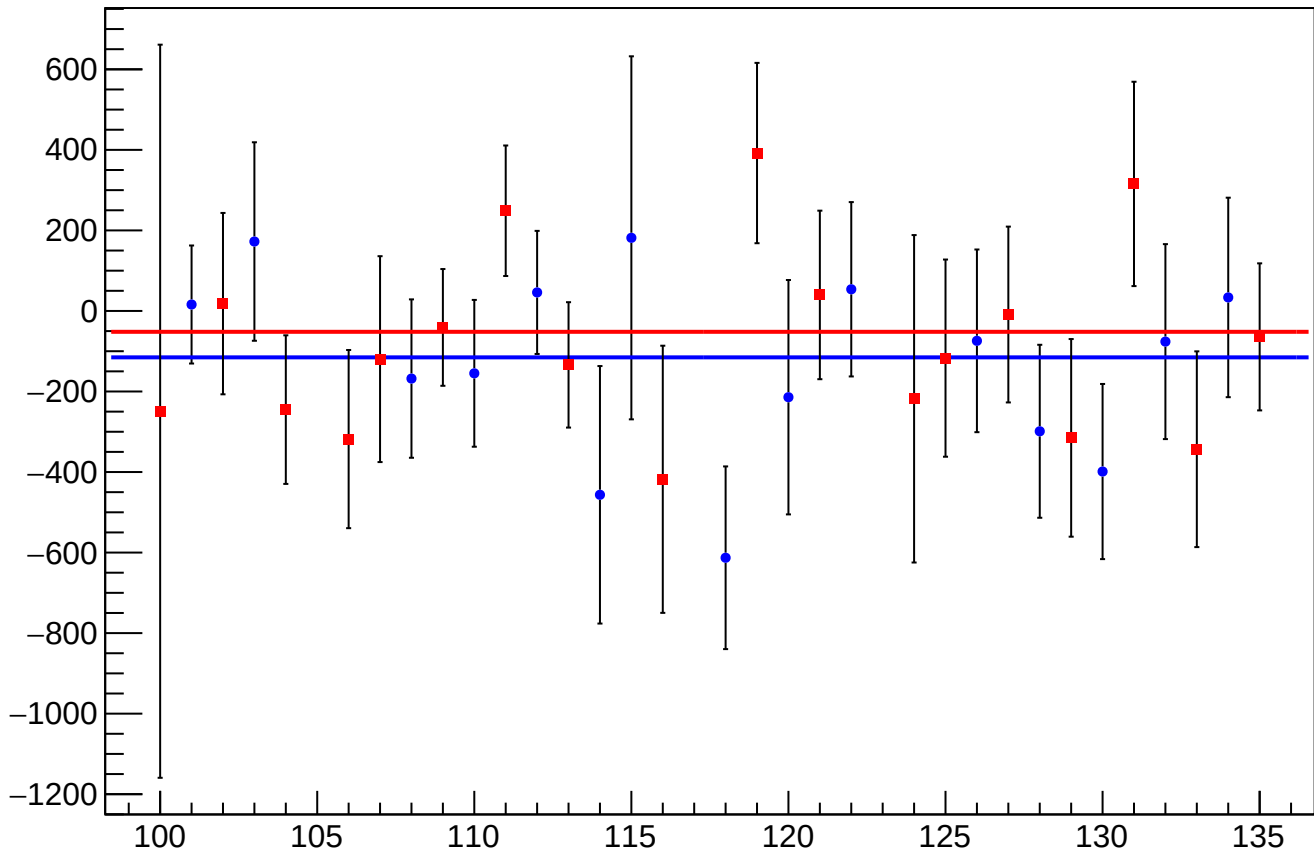
Right Out: 1208.797+/-0.336 χ^2/NDF : 1396241.4/17

All: 1239.780+/-0.251 χ^2/NDF : 2583725.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_avg_mean vs Slug



Right In: -115.241 $\pm$ 55.495 χ^2 /NDF: 13.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.794 $\pm$ 50.793 χ^2 /NDF: 16.8/17

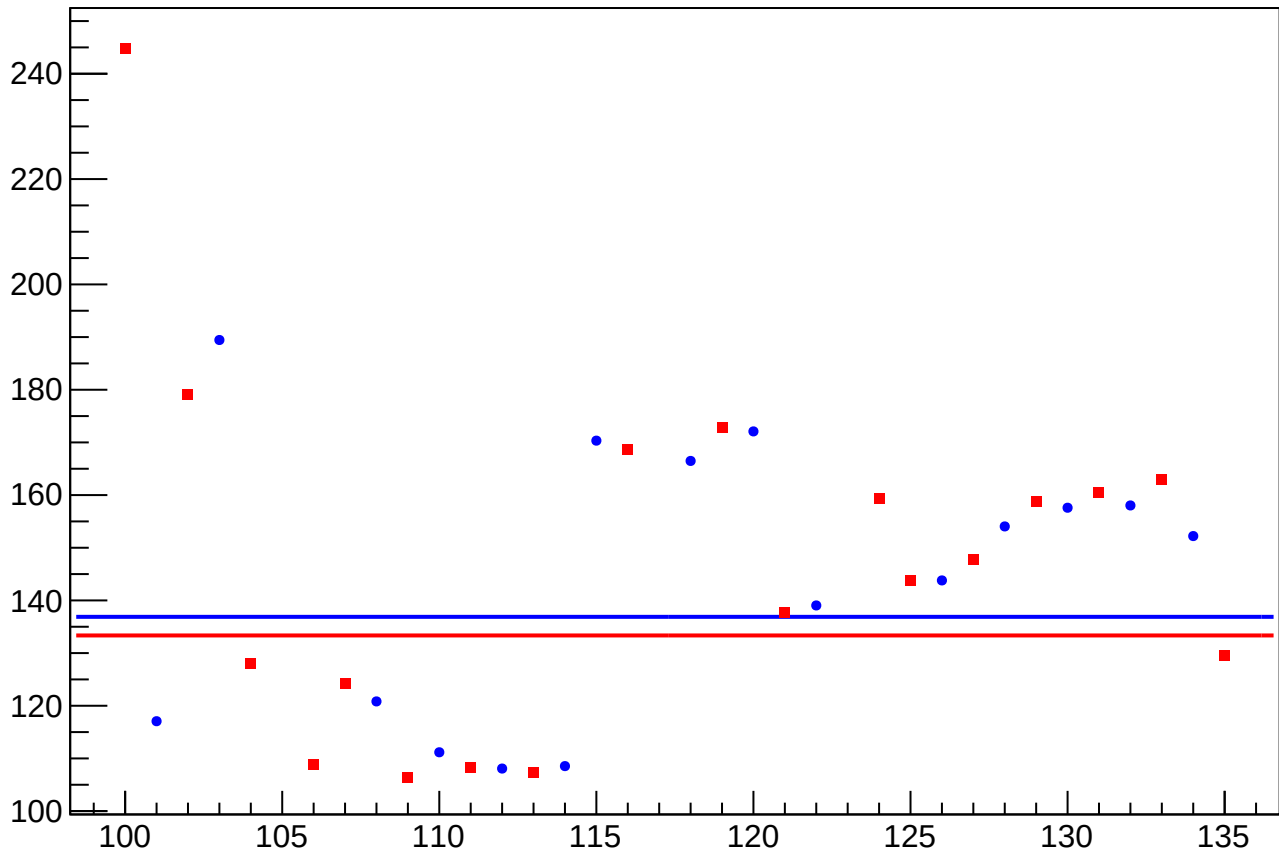
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -80.716 $\pm$ 37.468 χ^2 /NDF: 30.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_avg_rms vs Slug



Right In: 136.883+/-0.039 χ^2/NDF : 397730.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 133.348+/-0.036 χ^2/NDF : 495196.3/17

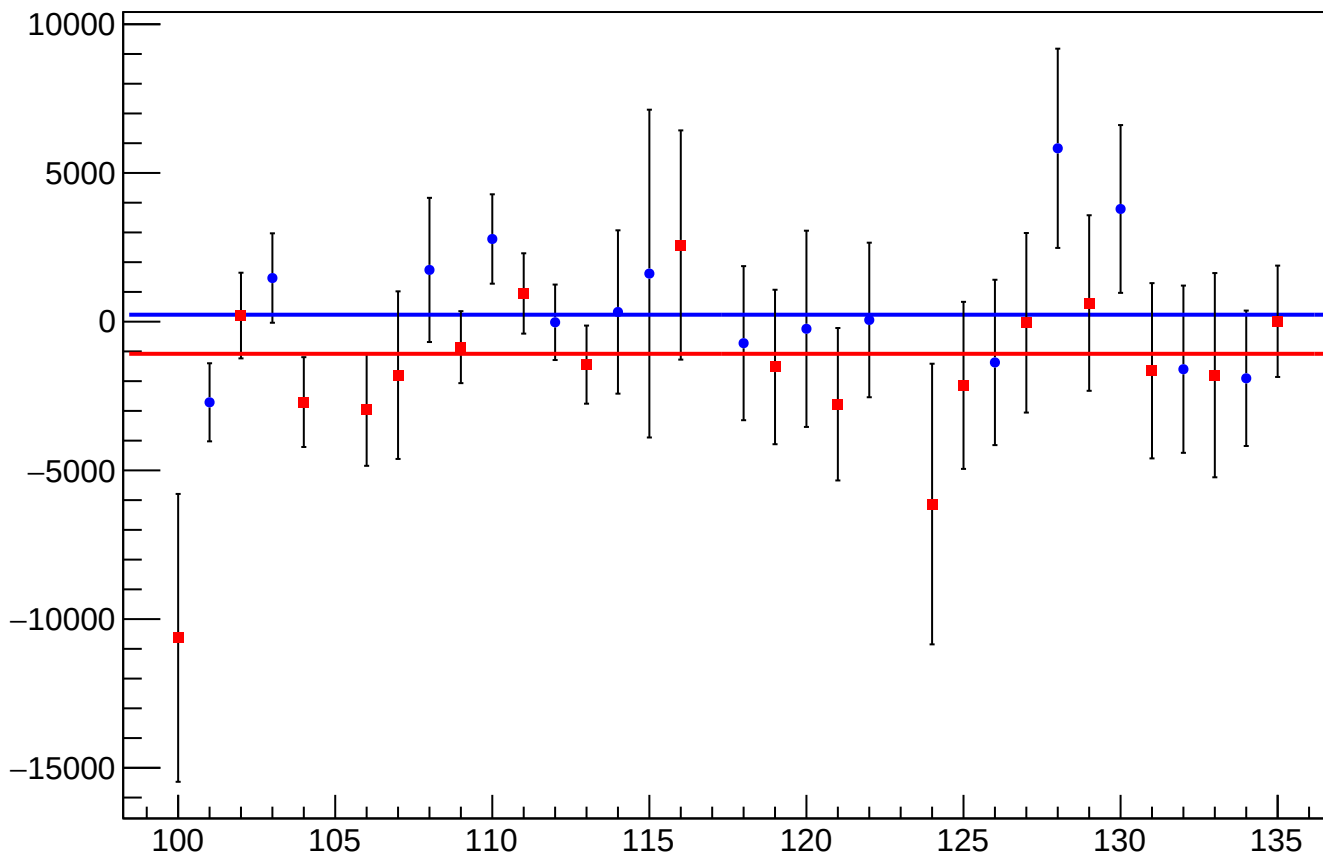
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 134.959+/-0.026 χ^2/NDF : 897342.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_mean vs Slug



Right In: 233.889+/-536.387 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1080.599+/-475.155 χ^2/NDF : 12.8/17

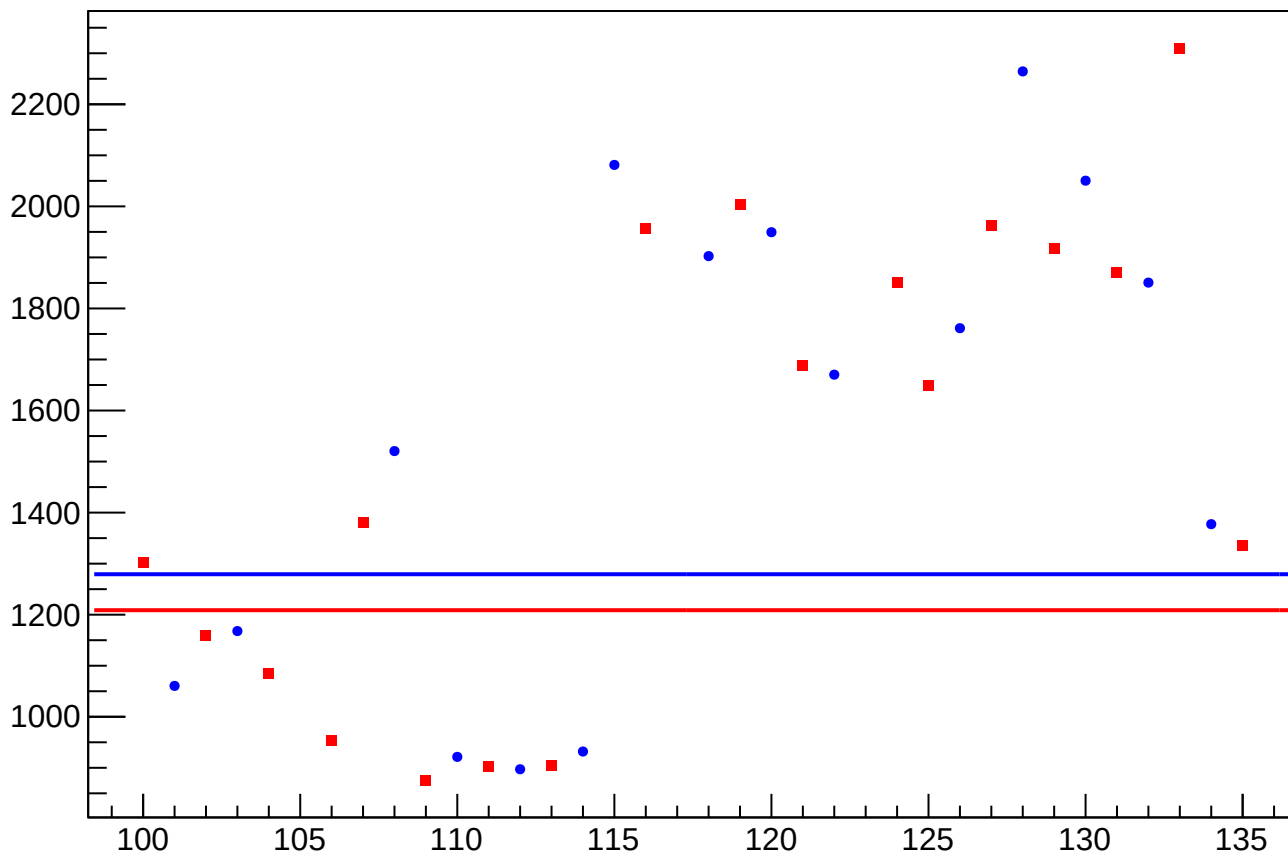
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -502.635+/-355.673 χ^2/NDF : 31.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_correction_rms vs Slug



Right In: 1279.264+/-0.379 χ^2/NDF : 1168142.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

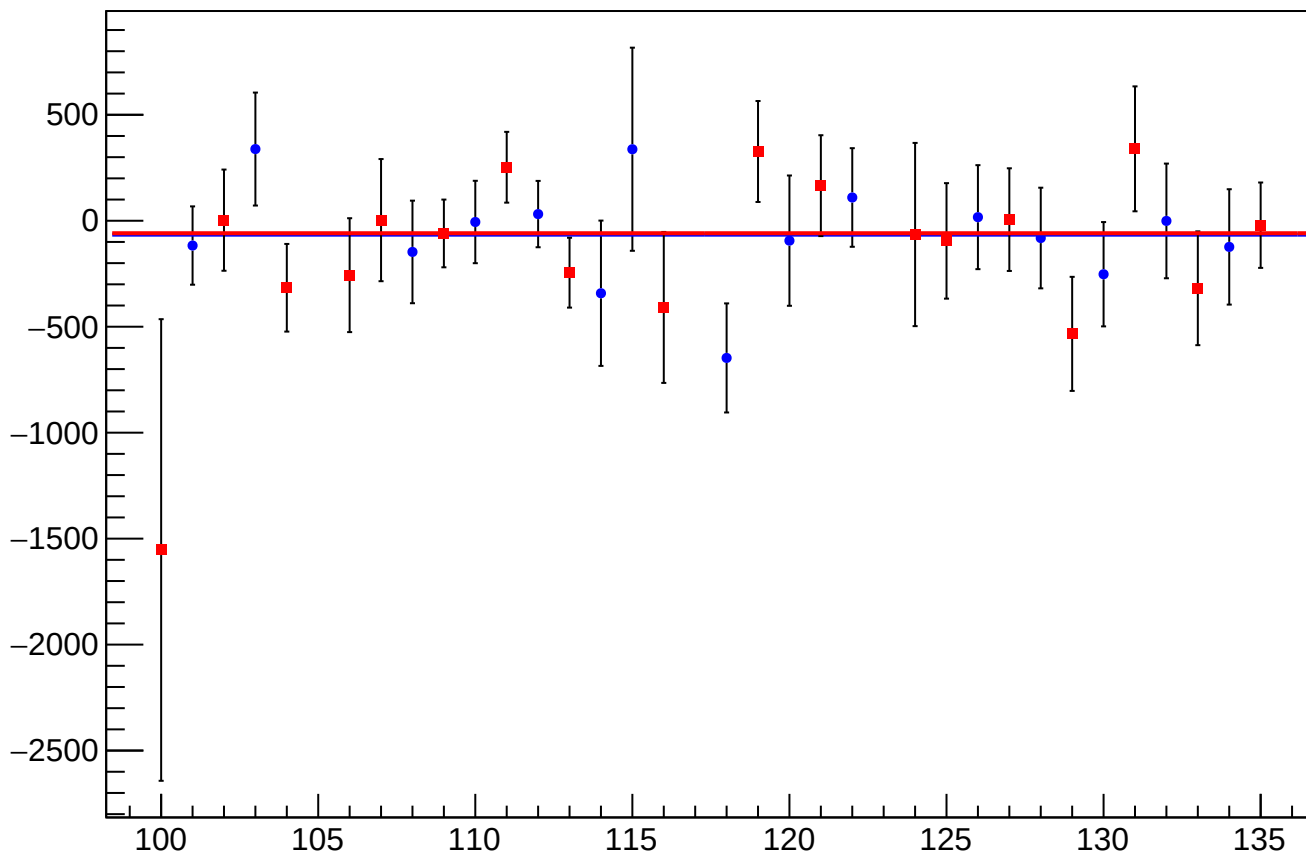
Right Out: 1208.797+/-0.336 χ^2/NDF : 1396241.4/17

All: 1239.780+/-0.251 χ^2/NDF : 2583725.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_48_avg_mean vs Slug



Right In: -65.600 $\pm$ 61.695 χ^2 /NDF: 10.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -58.843 $\pm$ 55.697 χ^2 /NDF: 19.3/17

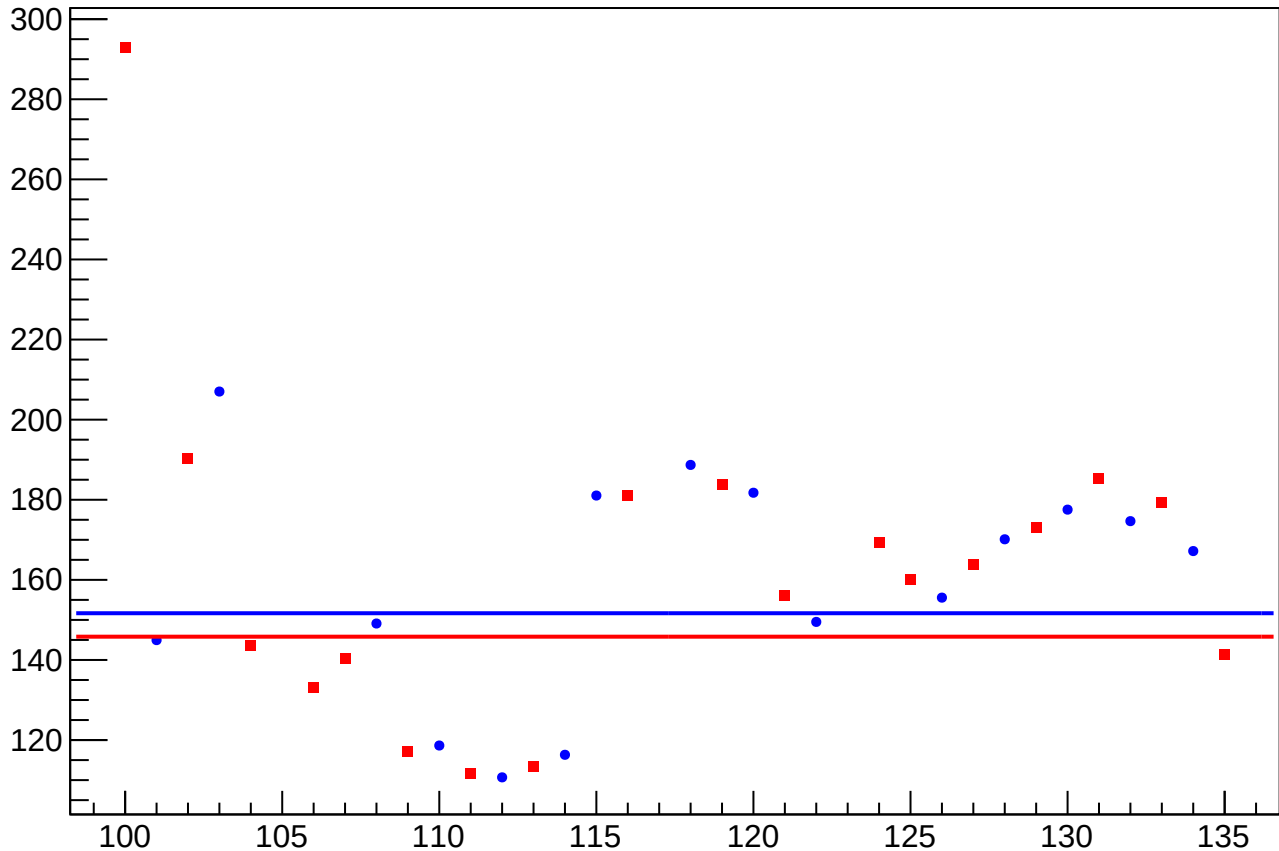
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -61.877 $\pm$ 41.342 χ^2 /NDF: 30.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_avg_rms vs Slug



Right In: 151.669 $\pm$ 0.044 χ^2 /NDF: 429068.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 145.814 $\pm$ 0.039 χ^2 /NDF: 522560.1/17

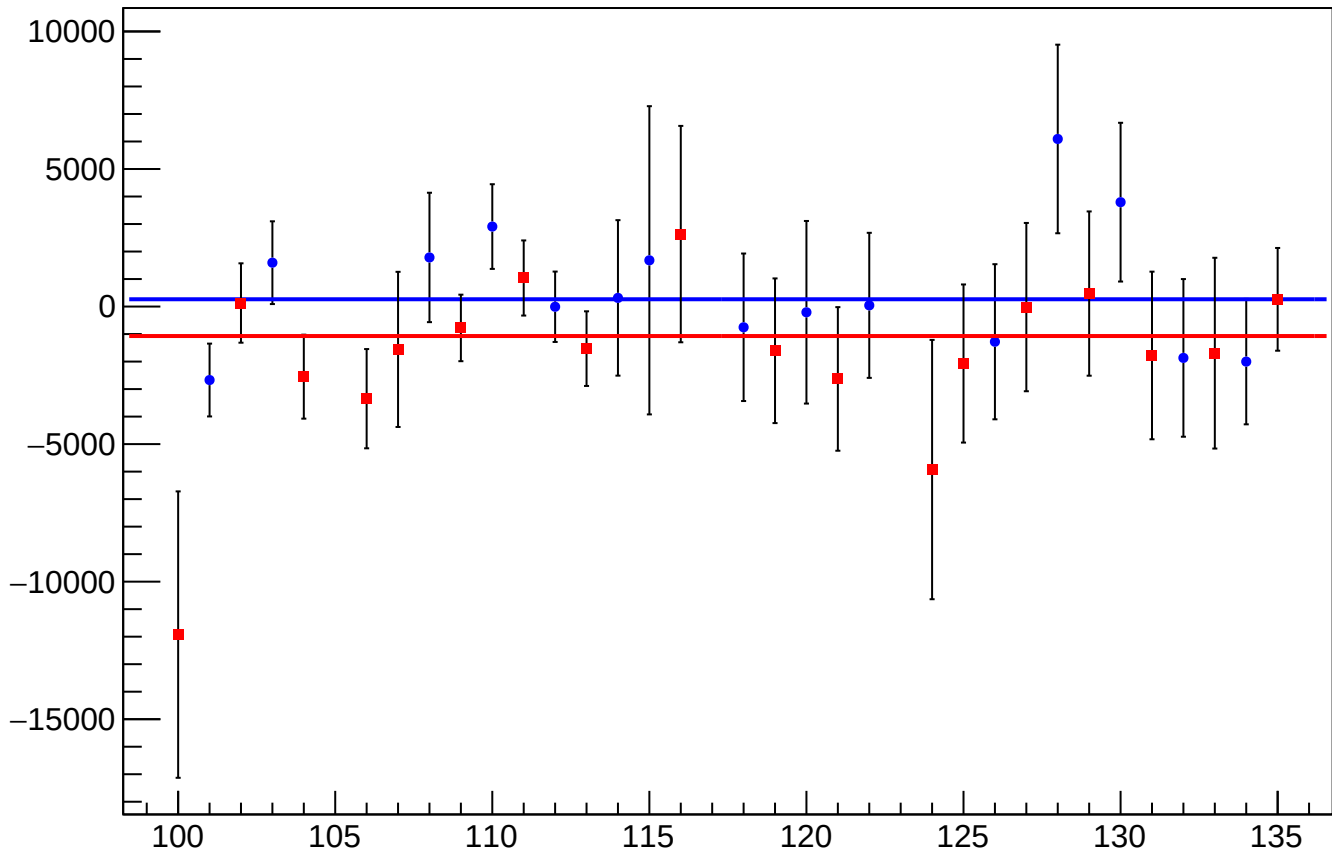
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 148.443 $\pm$ 0.029 χ^2 /NDF: 961553.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_correction_mean vs Slug



Right In: 265.139+/-542.118 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1071.659+/-478.780 χ^2/NDF : 13.6/17

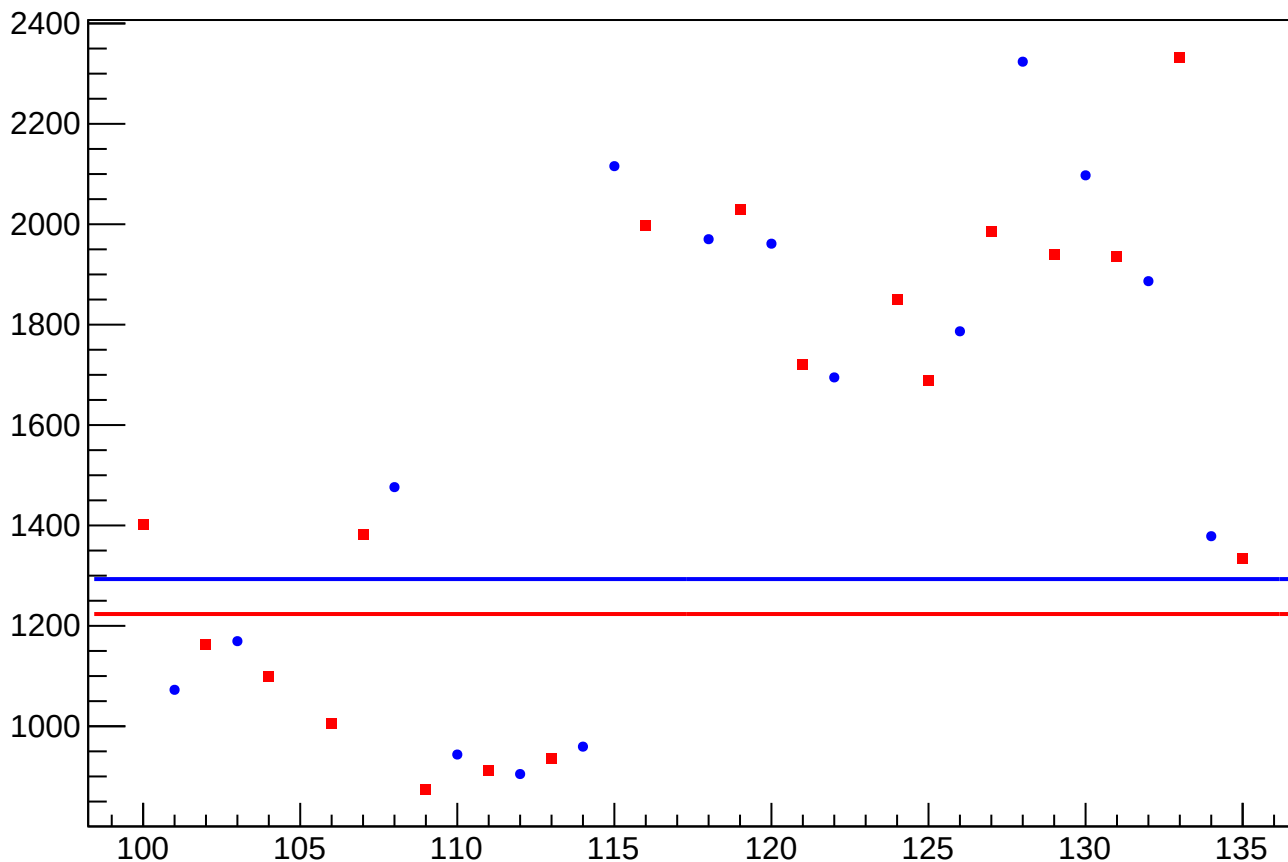
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.879+/-358.862 χ^2/NDF : 32.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_correction_rms vs Slug



Right In: 1293.175+/-0.383 χ^2/NDF : 1180731.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

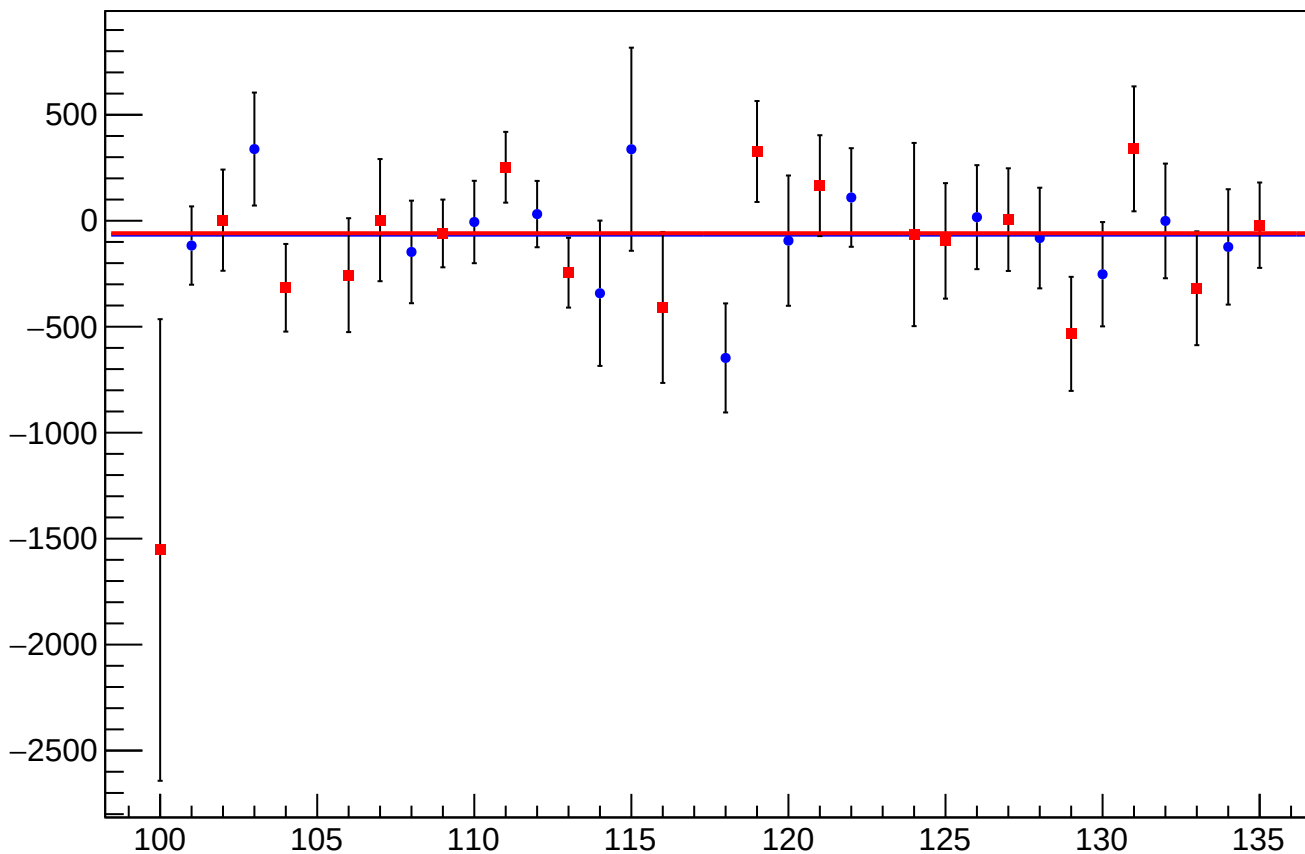
Right Out: 1223.553+/-0.339 χ^2/NDF : 1400967.3/17

All: 1254.061+/-0.254 χ^2/NDF : 2600230.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_48_avg_mean vs Slug



Right In: -65.600+/-61.695 χ^2 /NDF: 10.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -58.842+/-55.697 χ^2 /NDF: 19.3/17

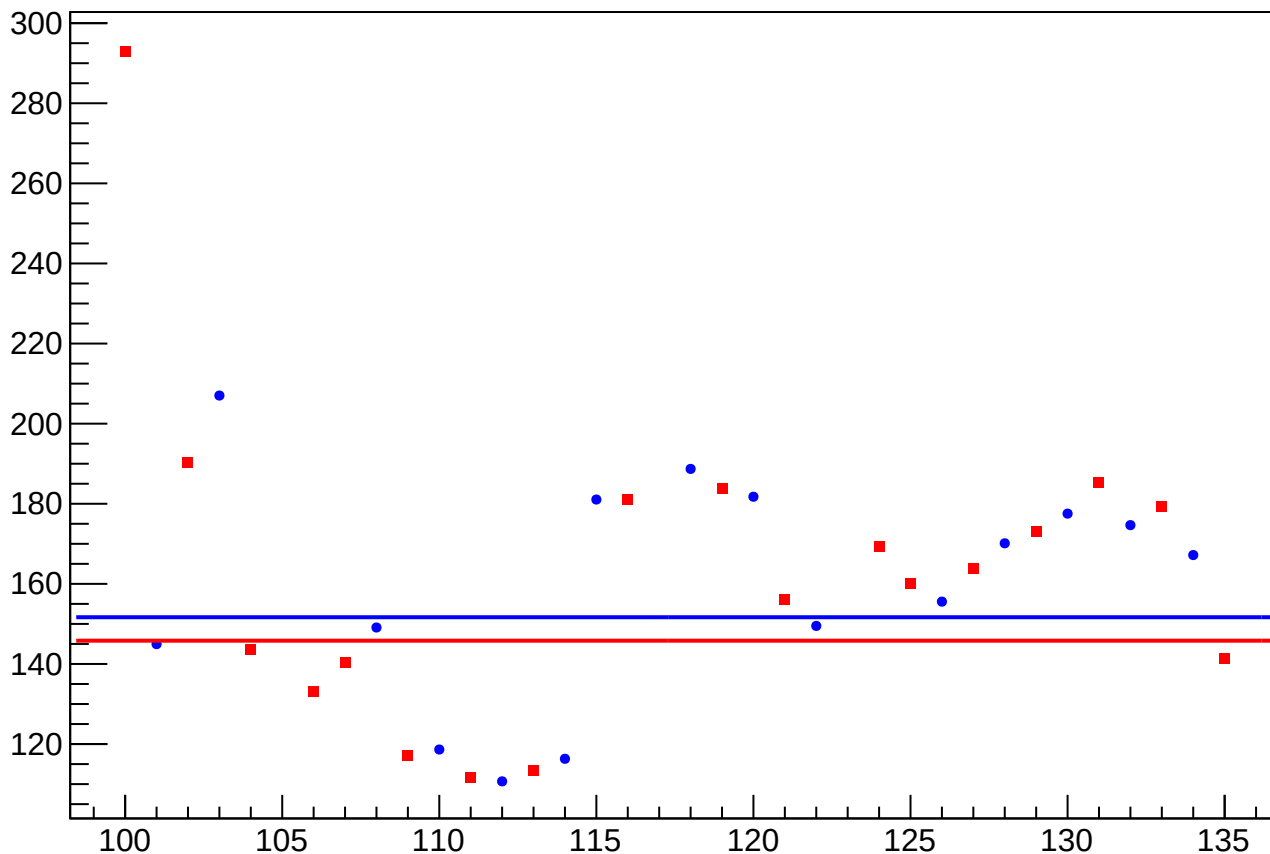
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -61.876+/-41.342 χ^2 /NDF: 30.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_avg_rms vs Slug



Right In: 151.669+/-0.044 χ^2/NDF : 429071.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 145.814+/-0.039 χ^2/NDF : 522562.5/17

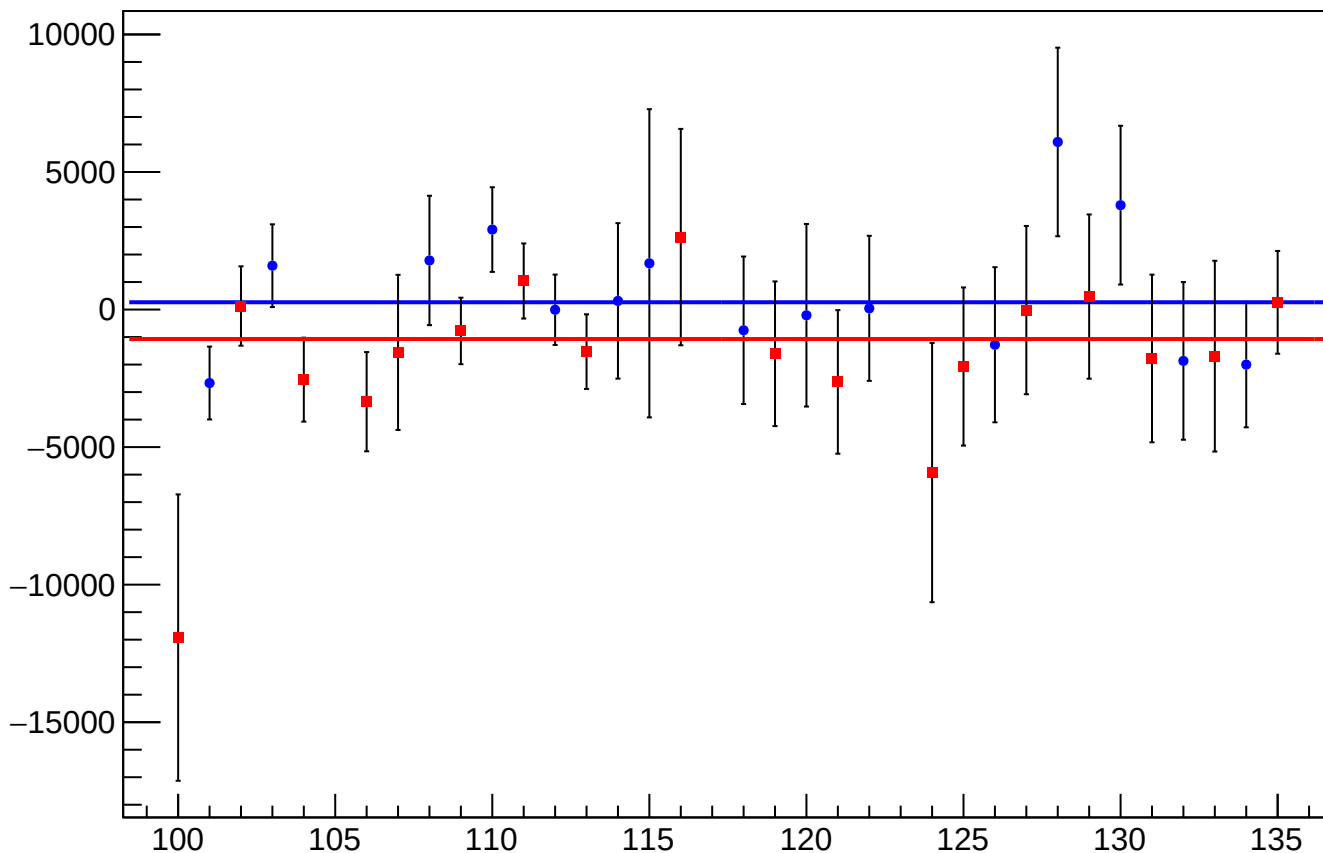
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 148.443+/-0.029 χ^2/NDF : 961558.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_mean vs Slug



Right In: 265.139+/-542.117 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1071.657+/-478.779 χ^2/NDF : 13.6/17

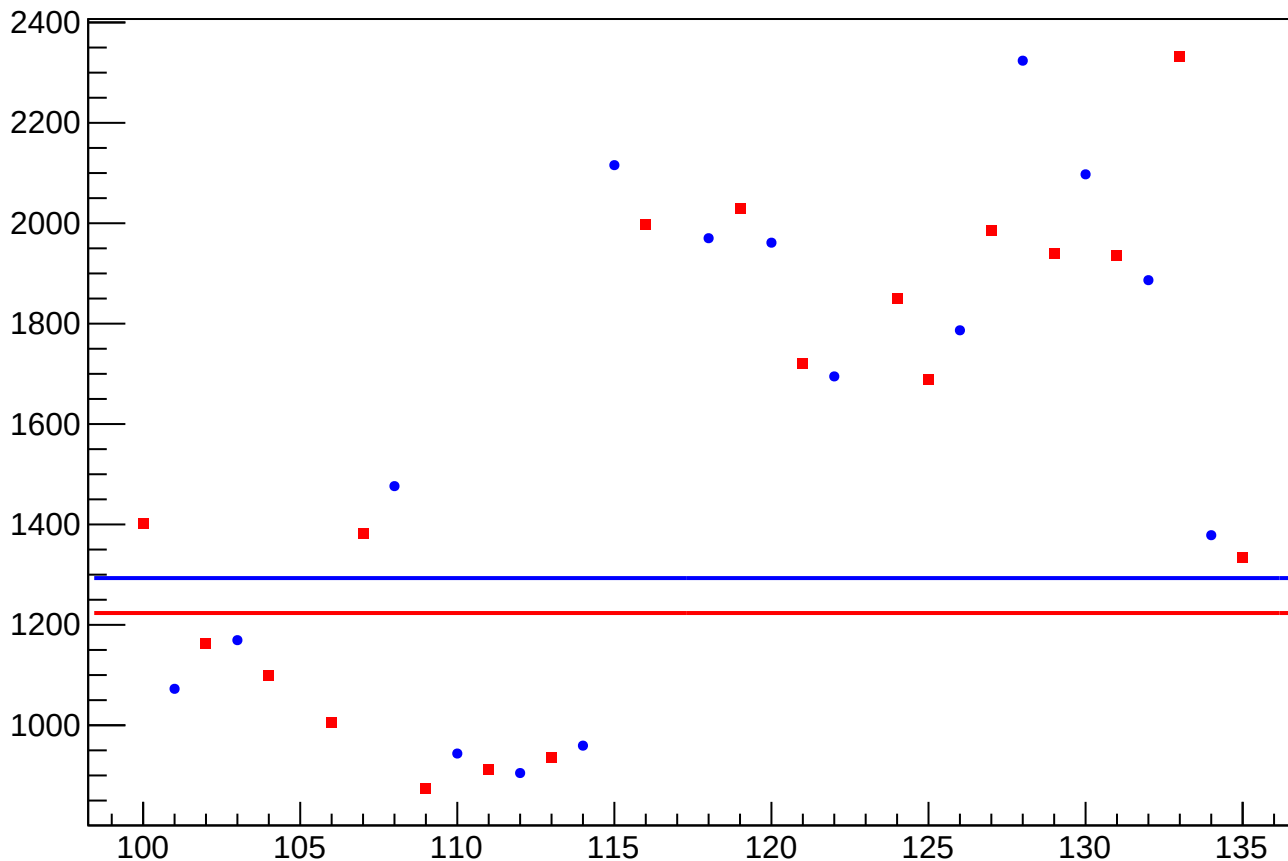
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -485.878+/-358.862 χ^2/NDF : 32.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_correction_rms vs Slug



Right In: 1293.174 $\pm$ 0.383 χ^2 /NDF: 1180735.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

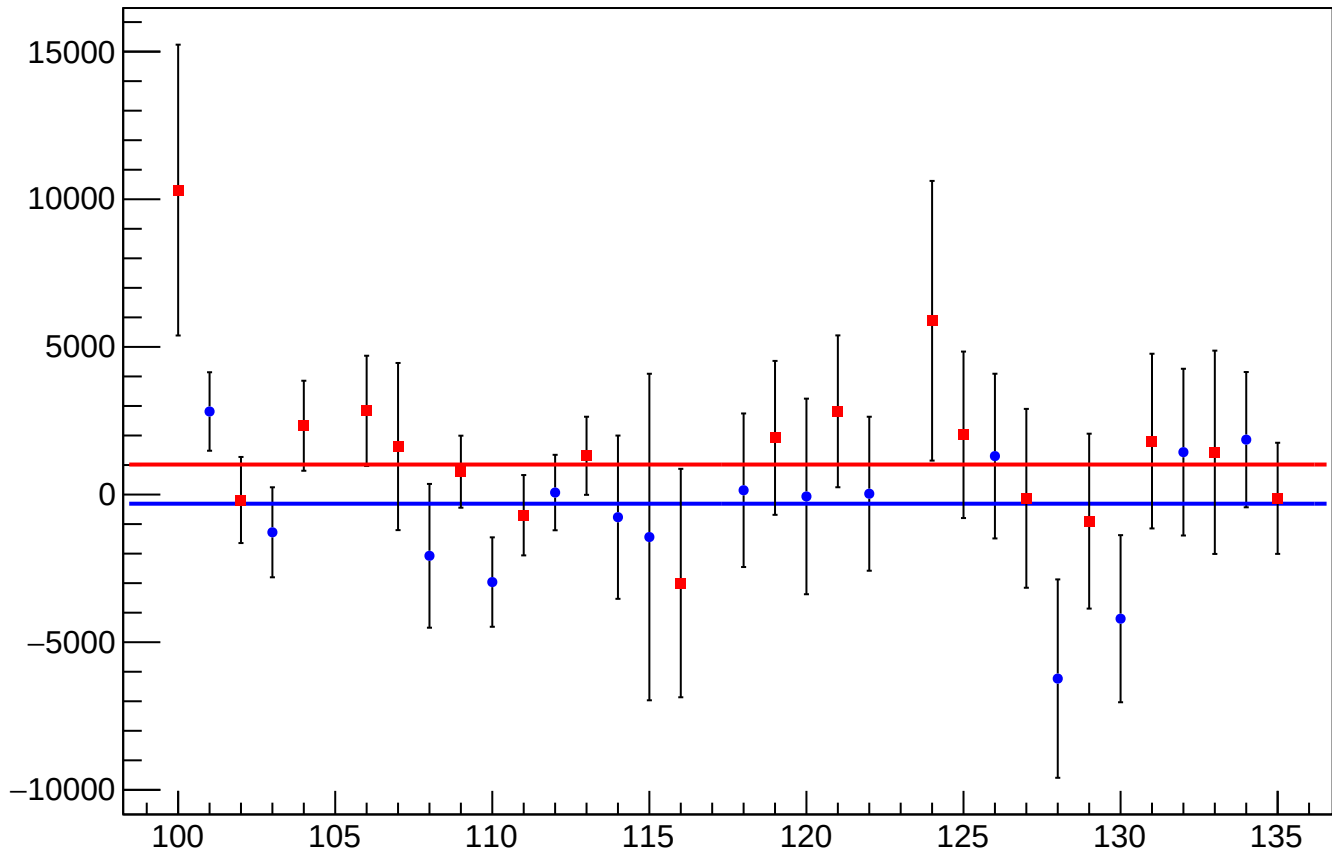
Right Out: 1223.552 $\pm$ 0.339 χ^2 /NDF: 1400970.4/17

All: 1254.060 $\pm$ 0.254 χ^2 /NDF: 2600238.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_mean vs Slug



Right In: -309.654+/-540.585 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1016.825+/-477.893 χ^2/NDF : 11.6/17

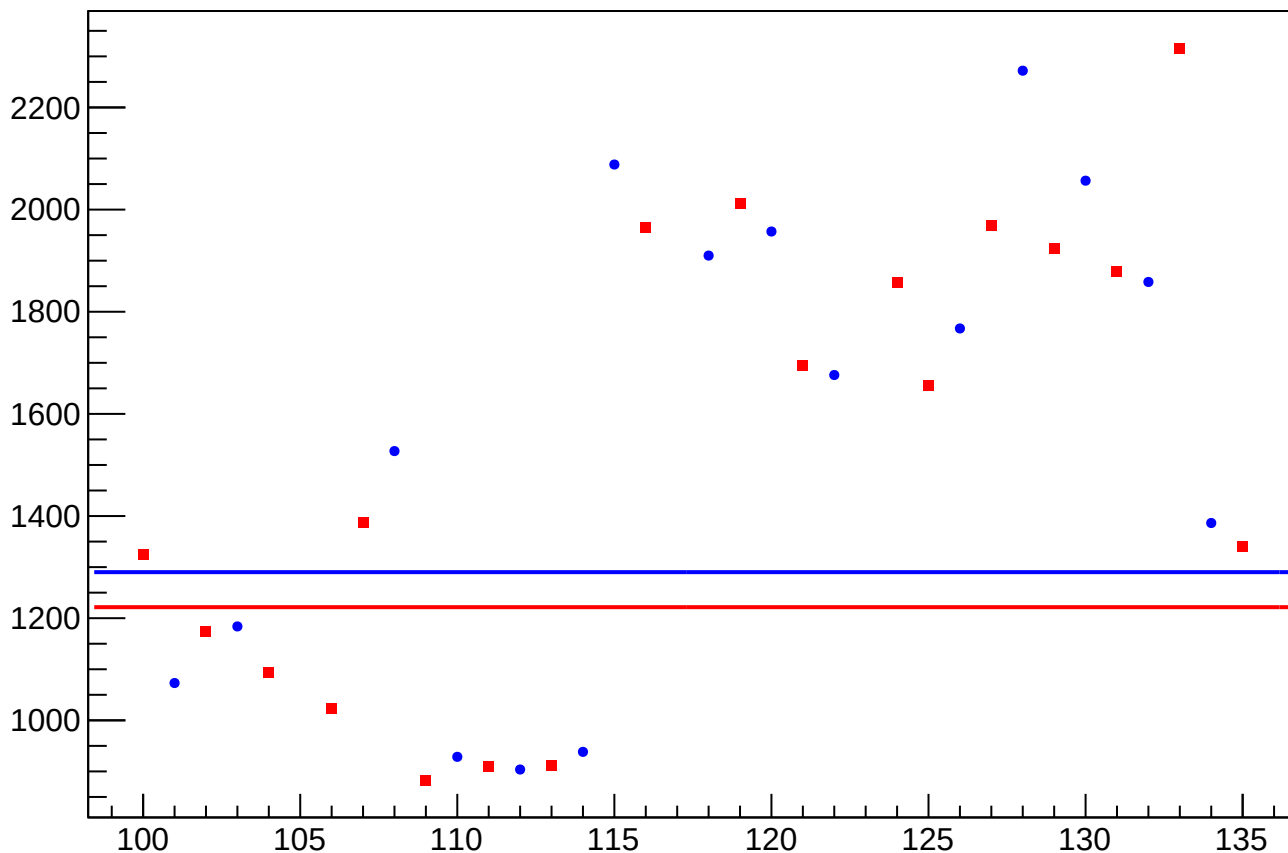
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 434.928+/-358.044 χ^2/NDF : 31.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_rms vs Slug



Right In: 1290.147+/-0.382 χ^2/NDF : 1152345.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

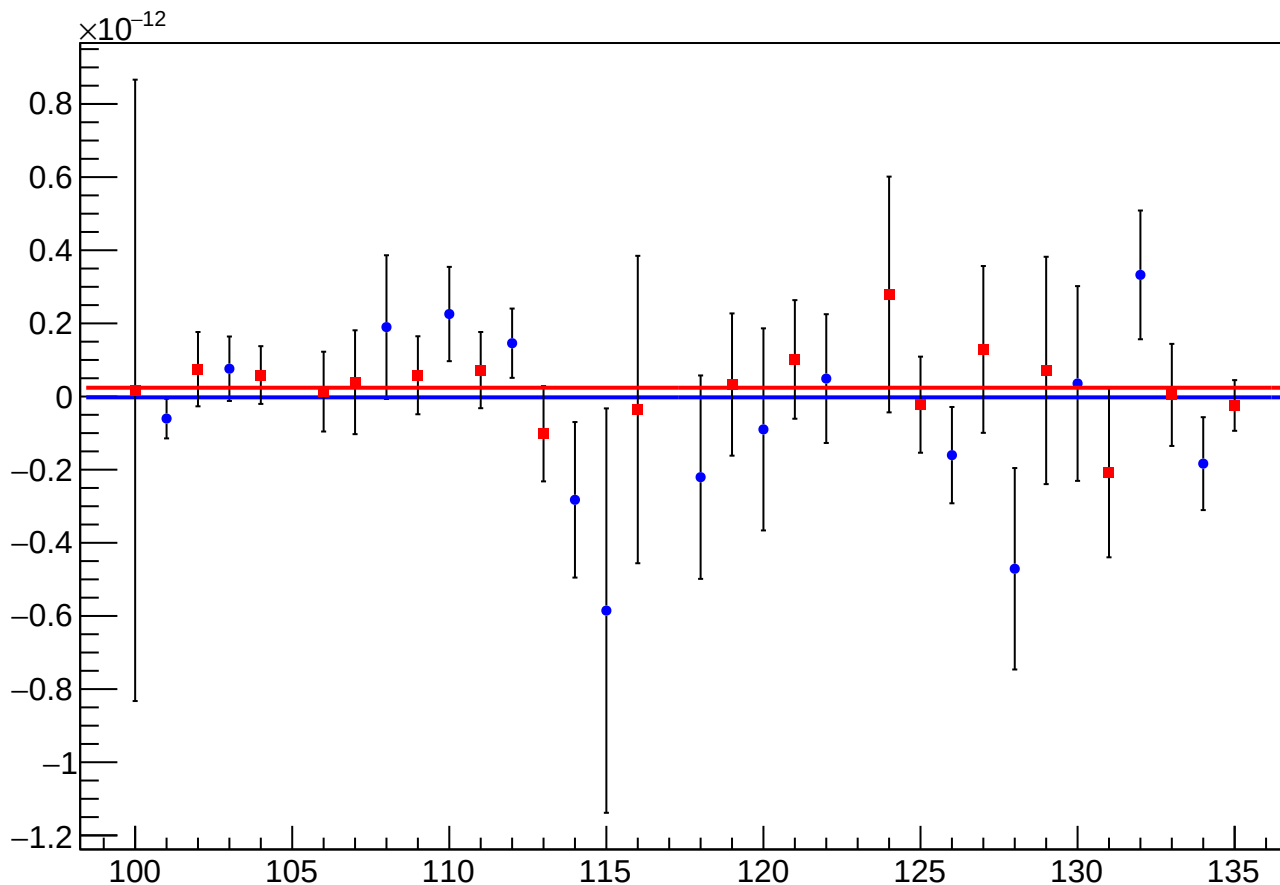
Right Out: 1221.560+/-0.338 χ^2/NDF : 1367360.1/17

All: 1251.647+/-0.253 χ^2/NDF : 2537777.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 22.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000+/-0.000 χ^2 /NDF: 4.5/17

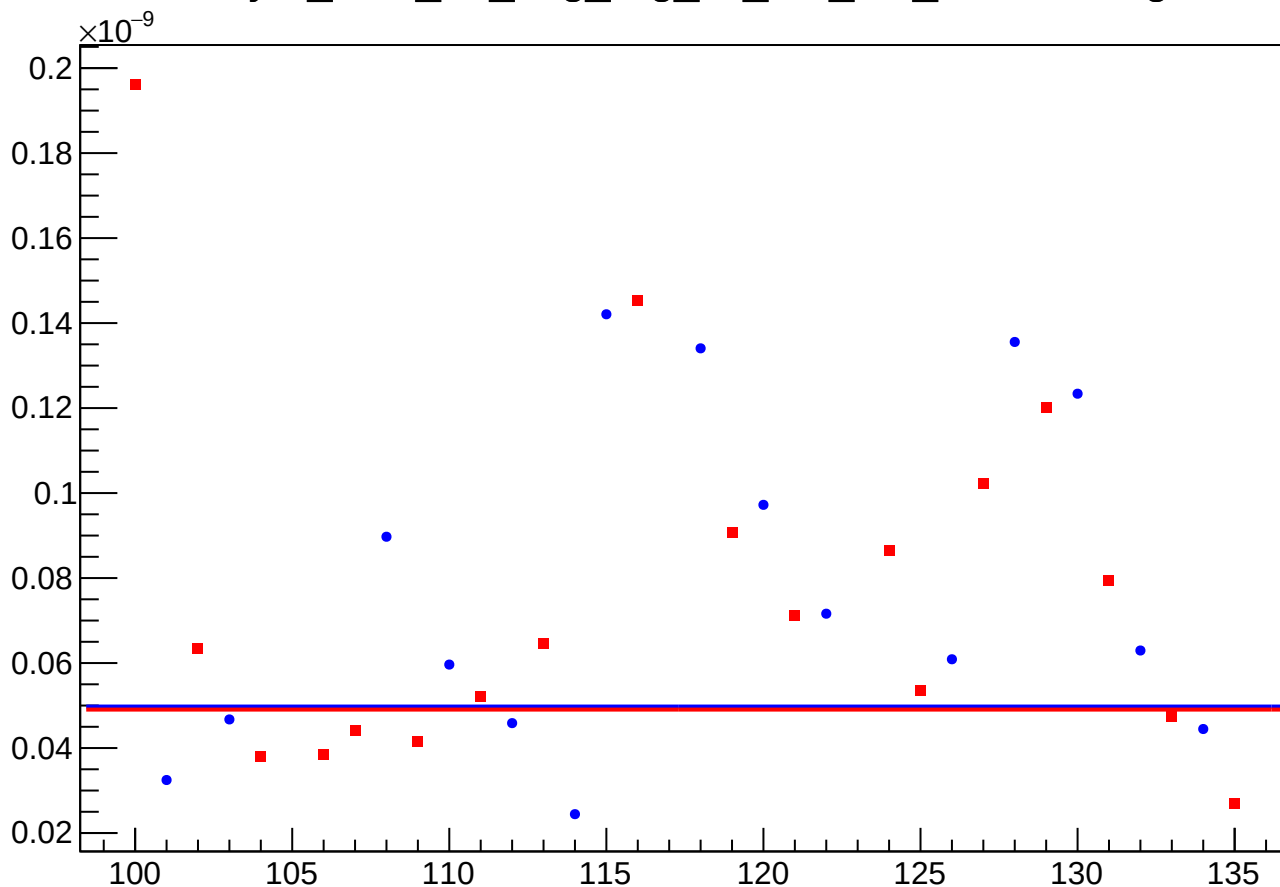
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 0.000+/-0.000 χ^2 /NDF: 26.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1036817.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 916061.7/17

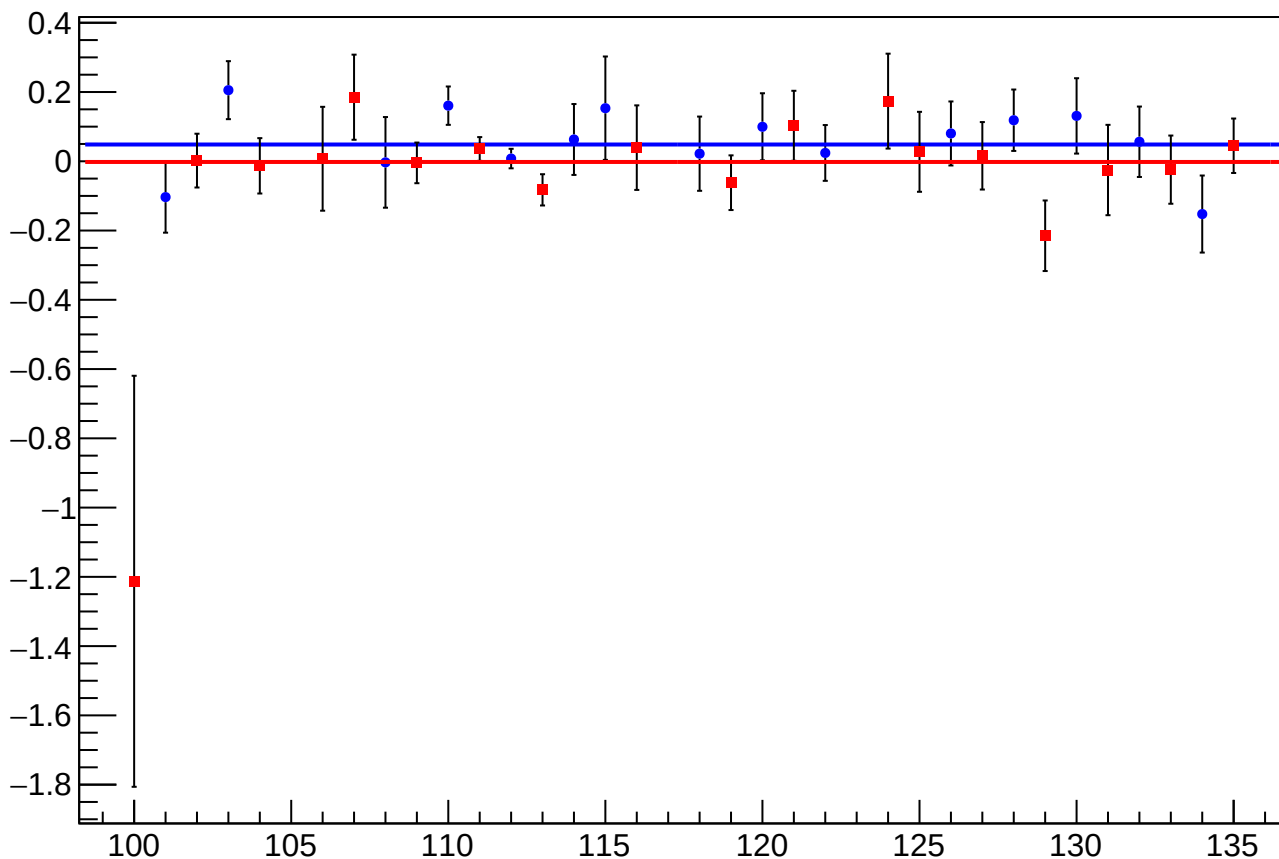
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1953392.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

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

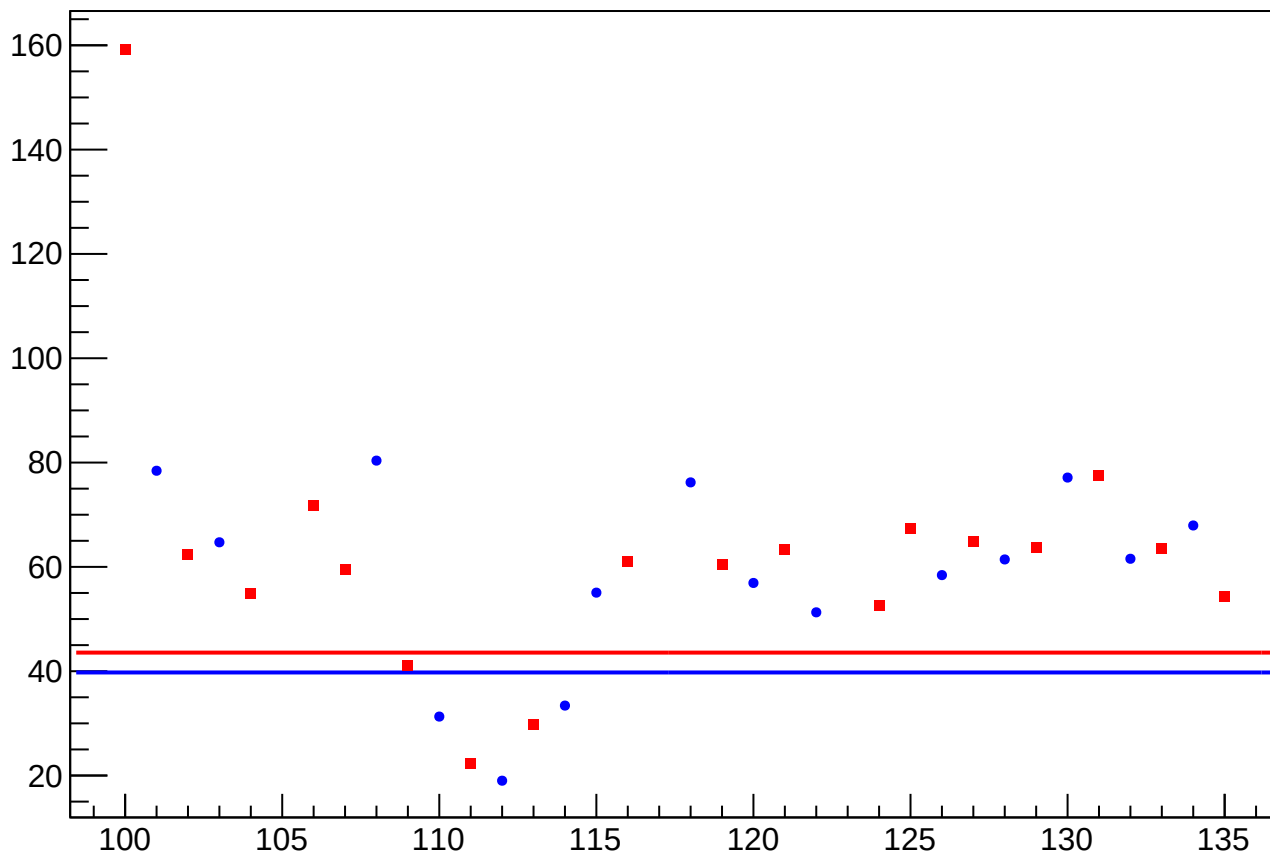
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.013 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_cor_diff_rms vs Slug



Right In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.566+/-0.013 χ^2/NDF : 2031049.8/17

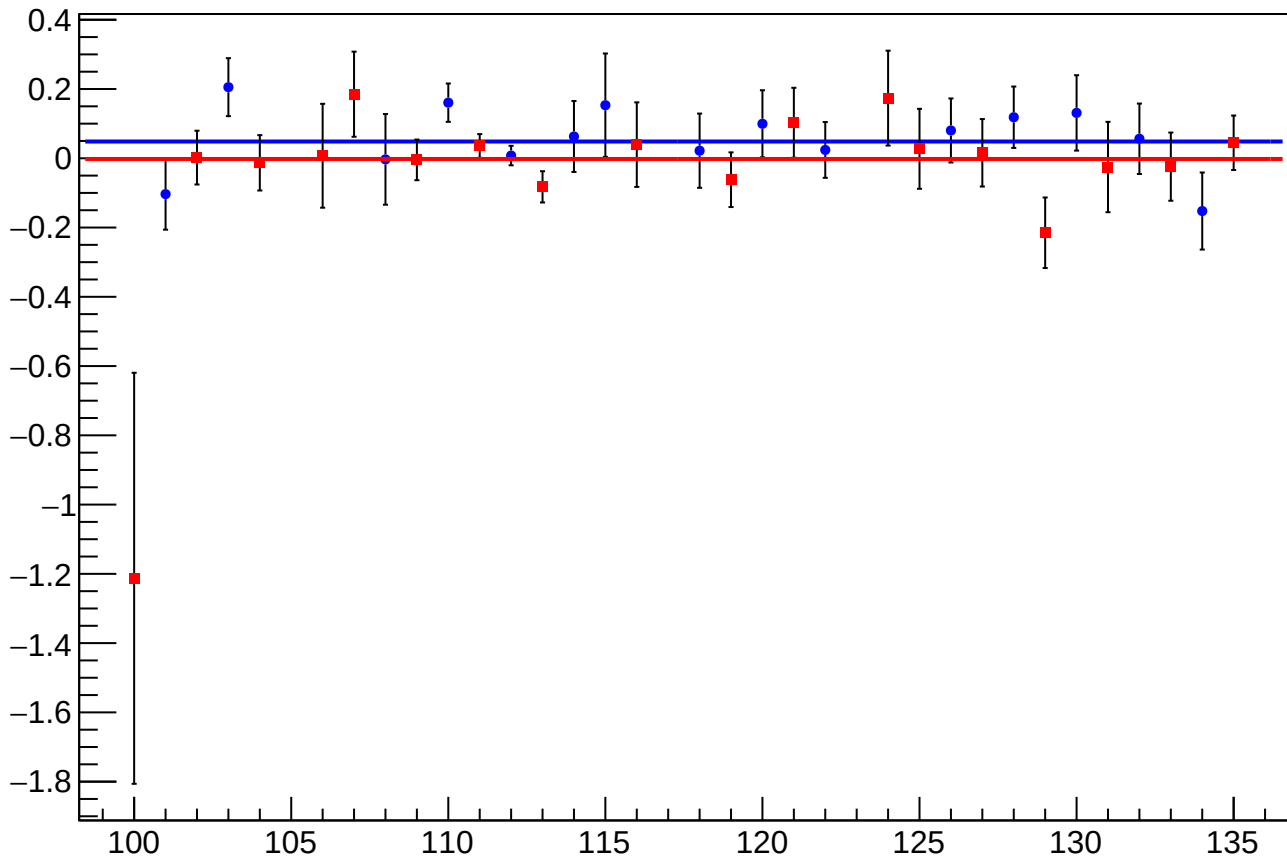
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.716+/-0.009 χ^2/NDF : 4881810.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

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

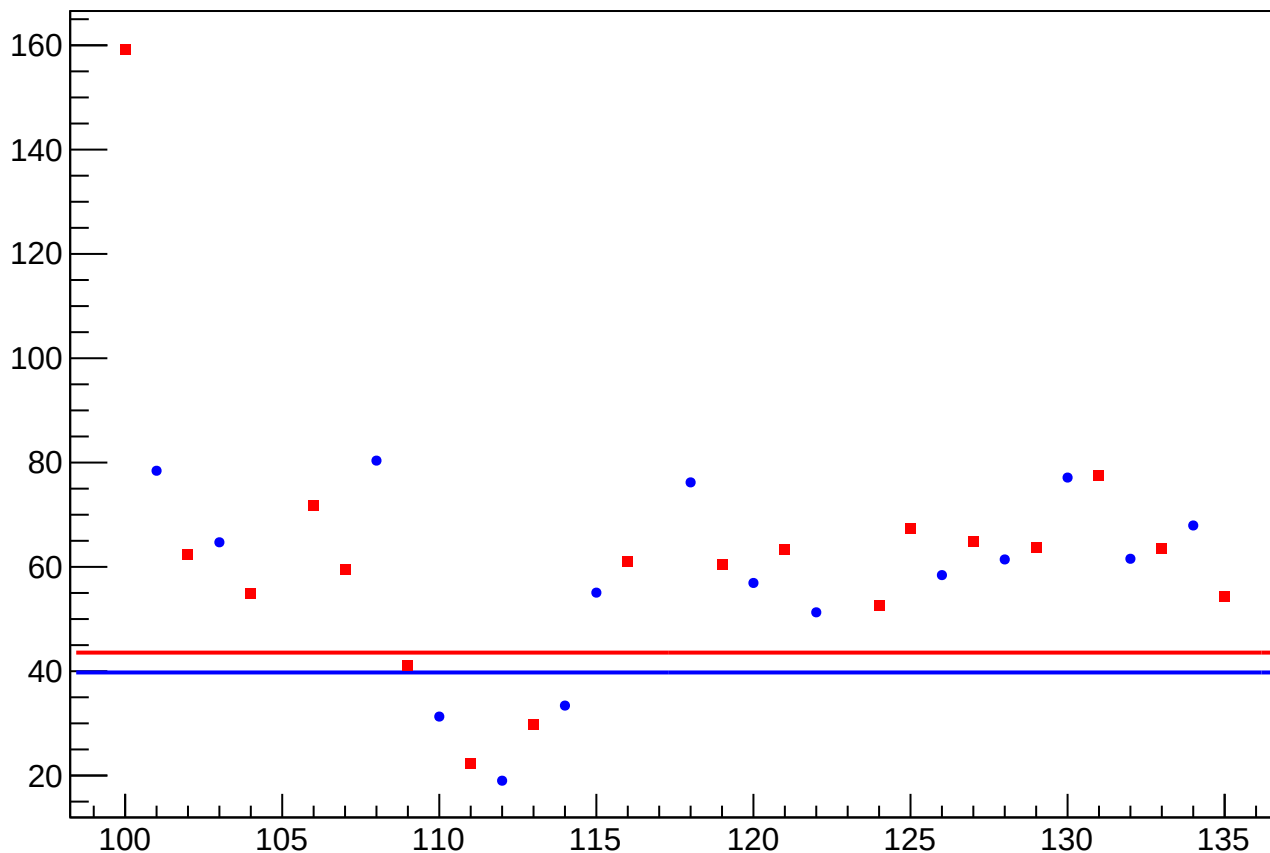
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.013 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.758+/-0.013 χ^2/NDF : 2807848.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.566+/-0.013 χ^2/NDF : 2031049.8/17

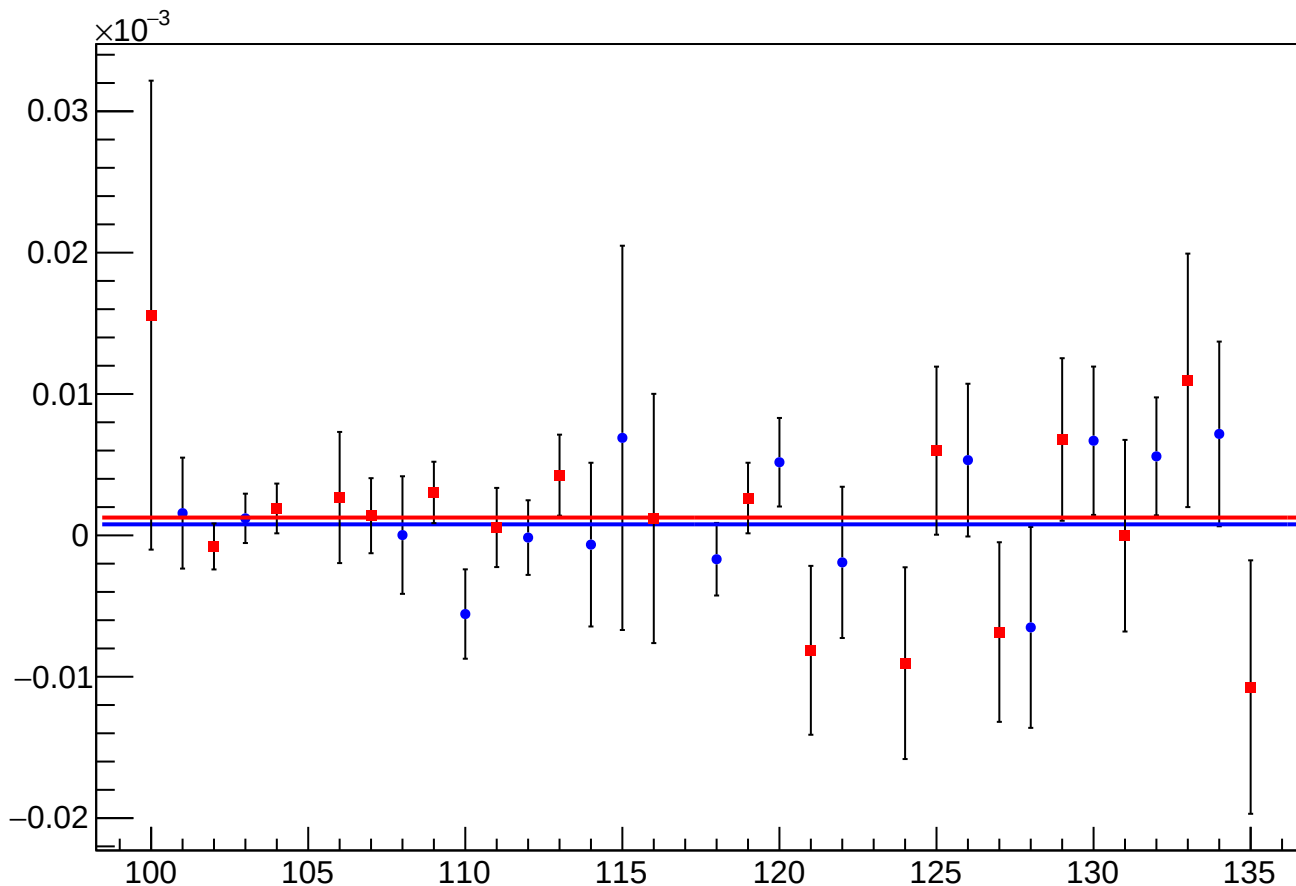
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.716+/-0.009 χ^2/NDF : 4881810.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/17

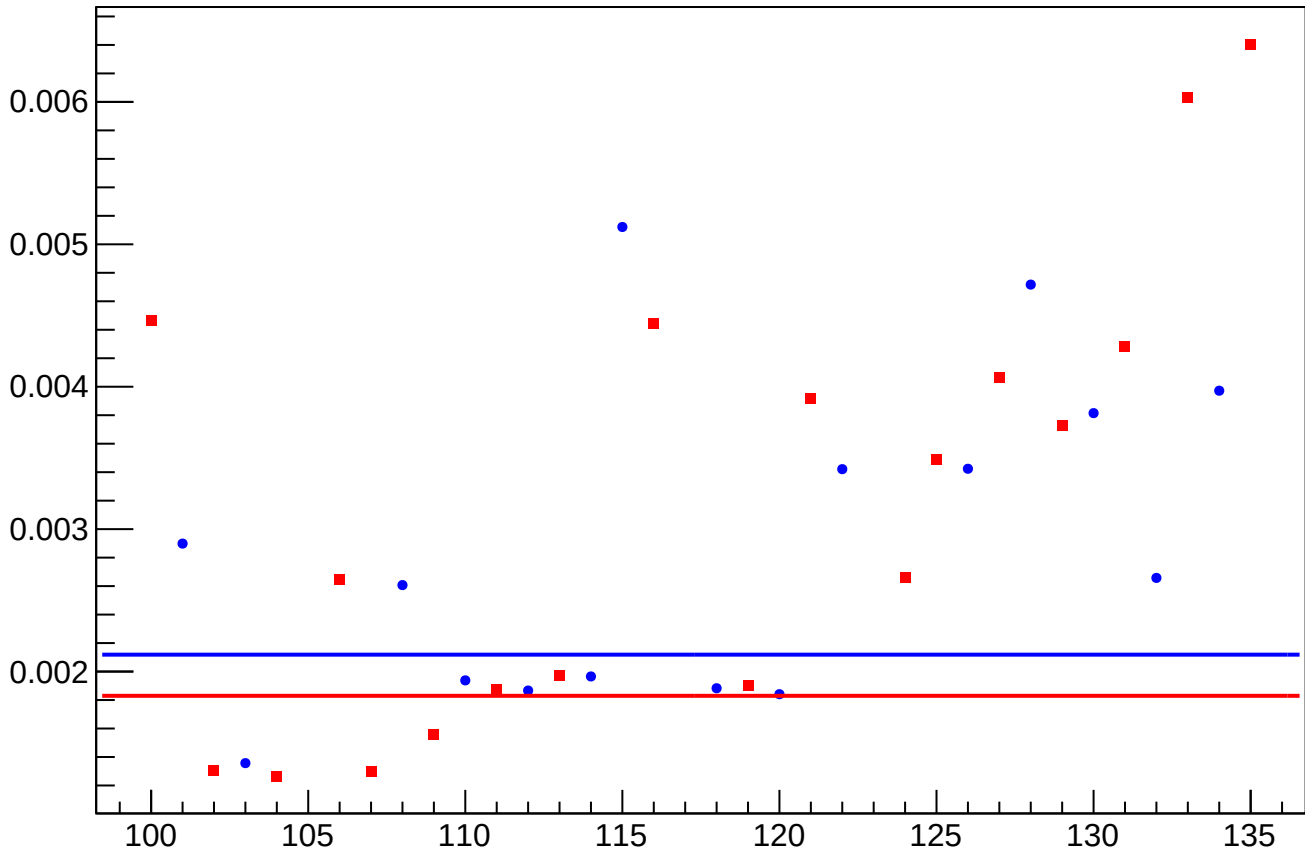
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1549880.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2939612.0/17

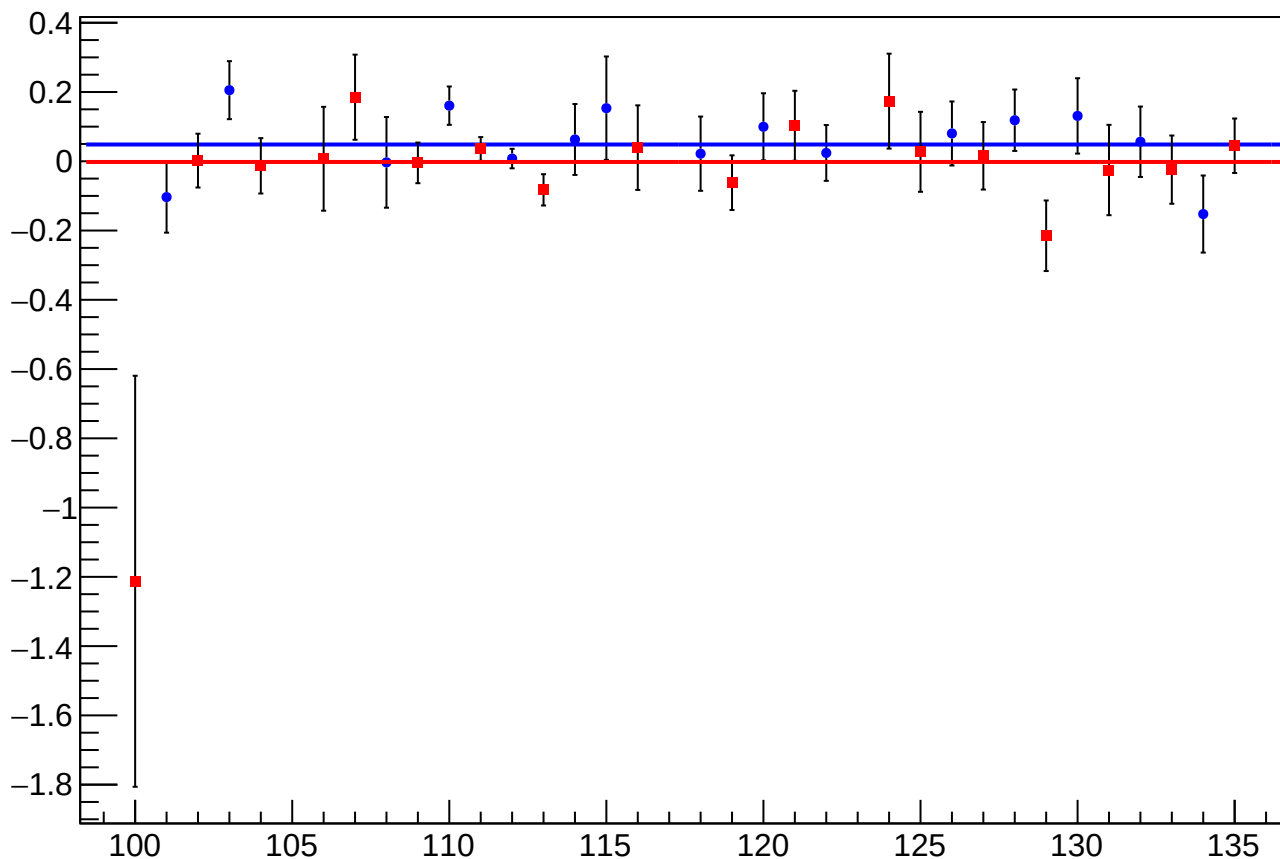
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4606644.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

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

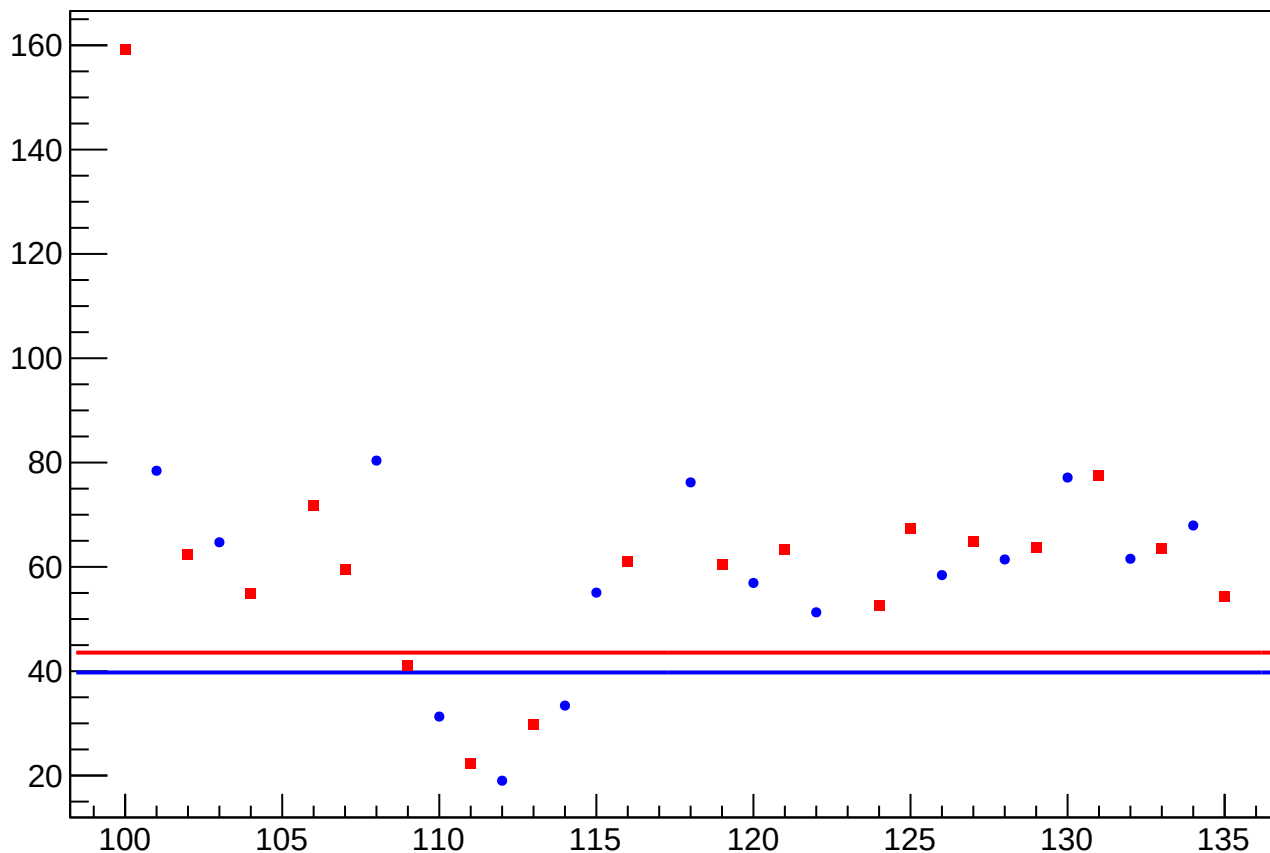
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.013 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 39.757+/-0.013 χ^2/NDF : 2807987.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.565+/-0.013 χ^2/NDF : 2031221.8/17

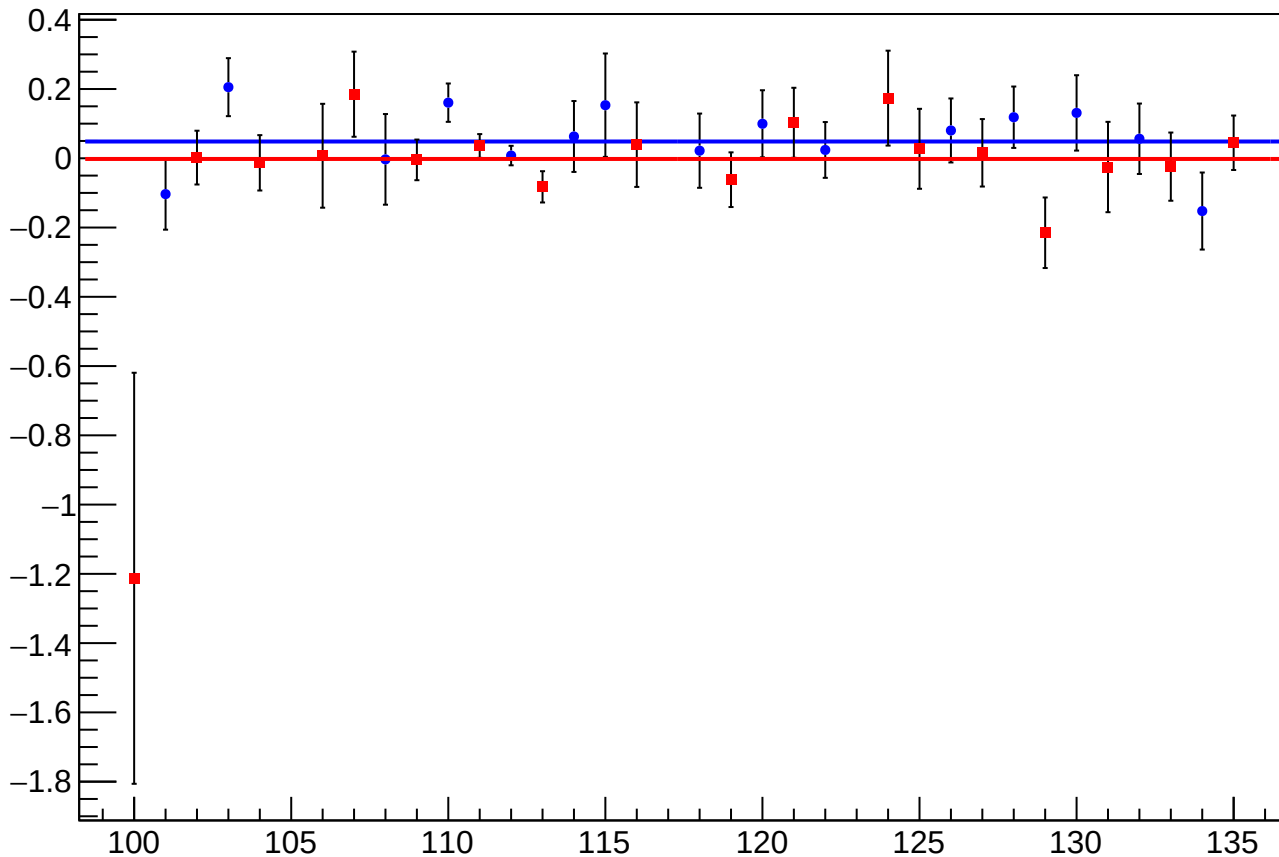
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.715+/-0.009 χ^2/NDF : 4882123.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.048 $\pm$ 0.019 χ^2 /NDF: 17.6/14

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

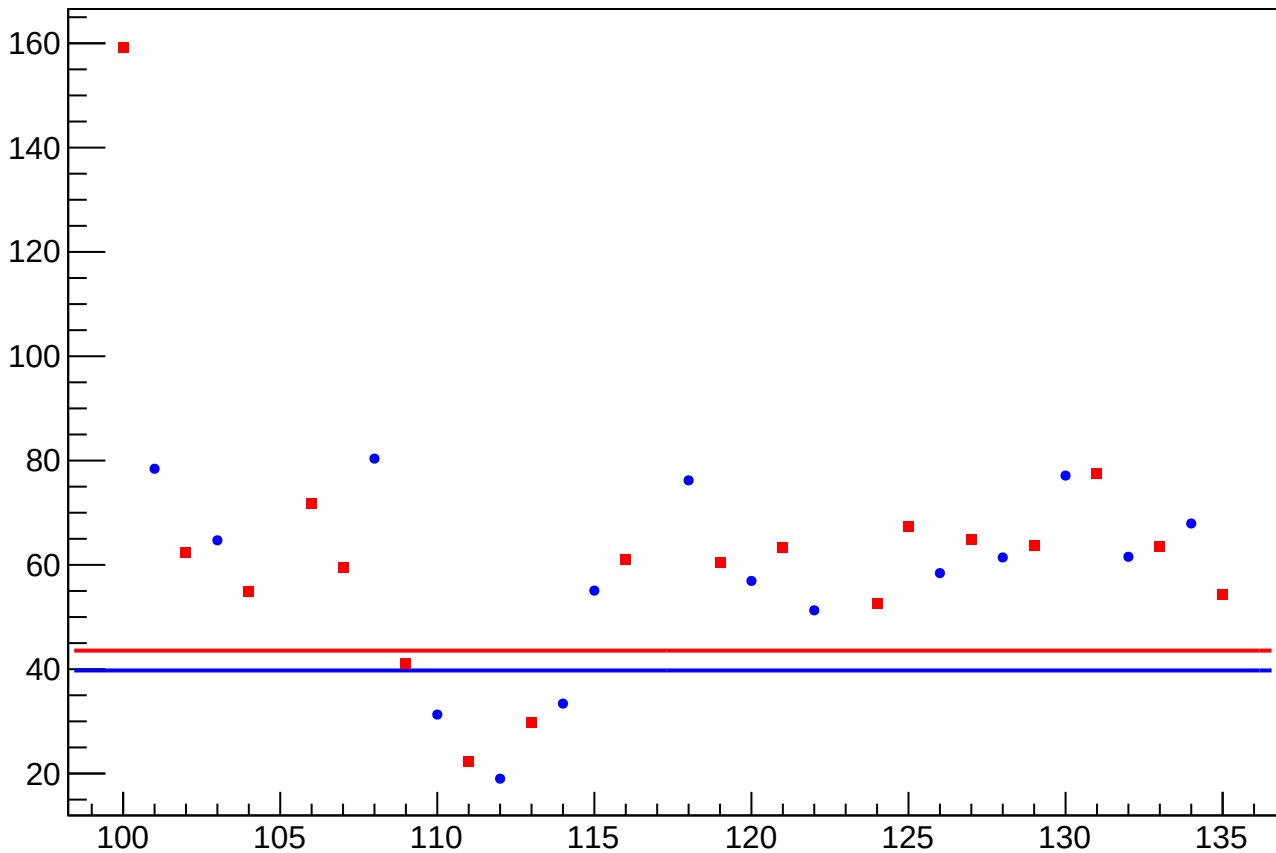
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.023 $\pm$ 0.013 χ^2 /NDF: 40.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 39.757+/-0.013 χ^2/NDF : 2807987.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.565+/-0.013 χ^2/NDF : 2031221.8/17

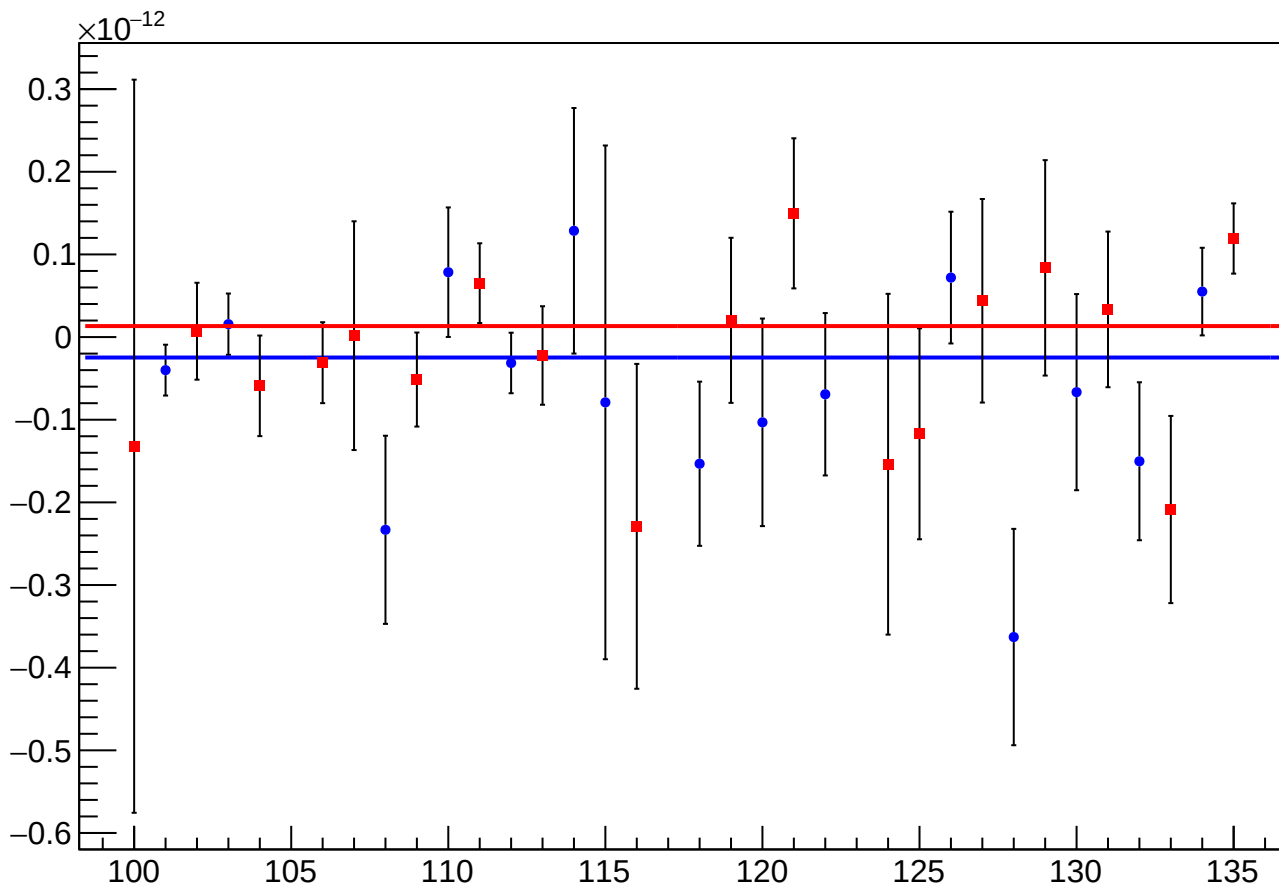
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.715+/-0.009 χ^2/NDF : 4882123.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 22.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 21.1/17

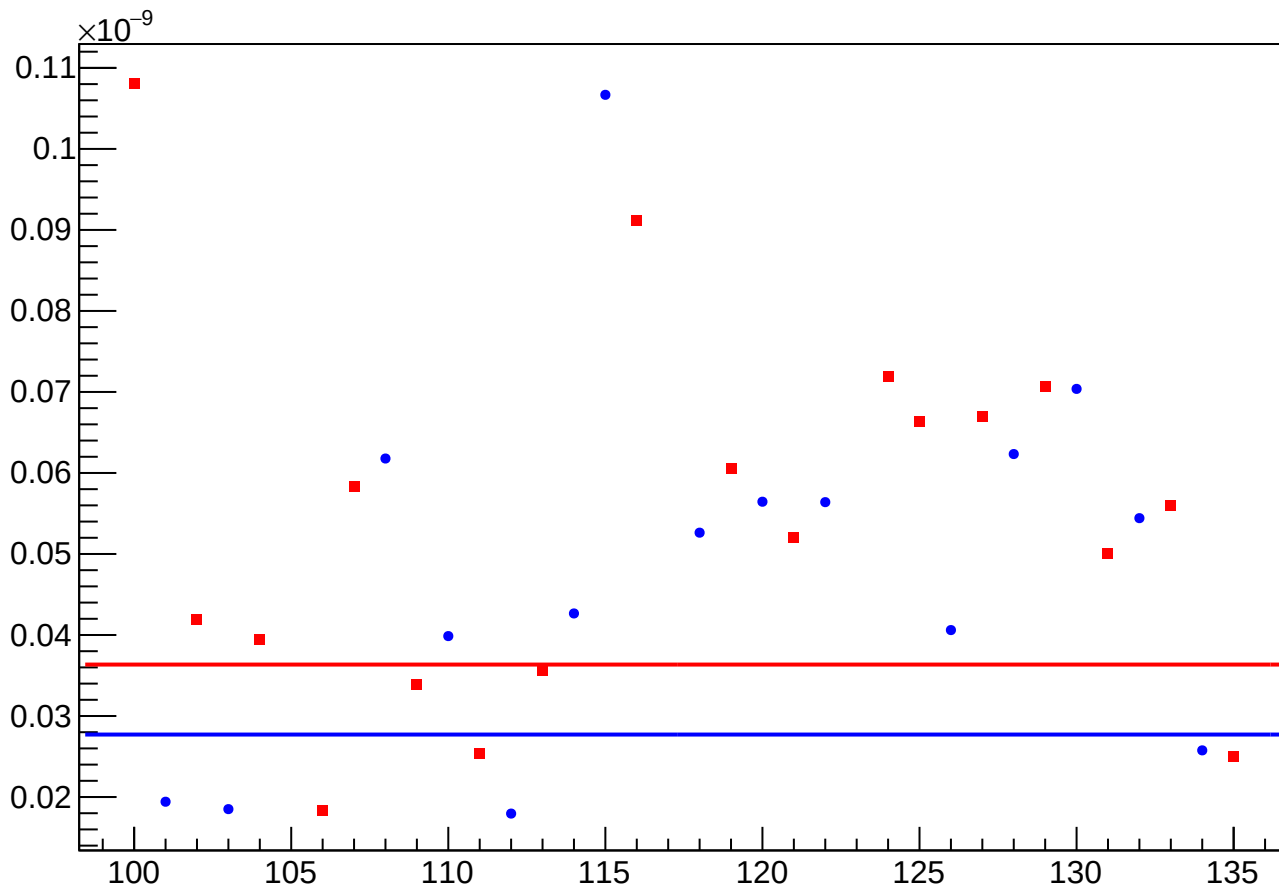
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 45.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1798397.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1517221.8/17

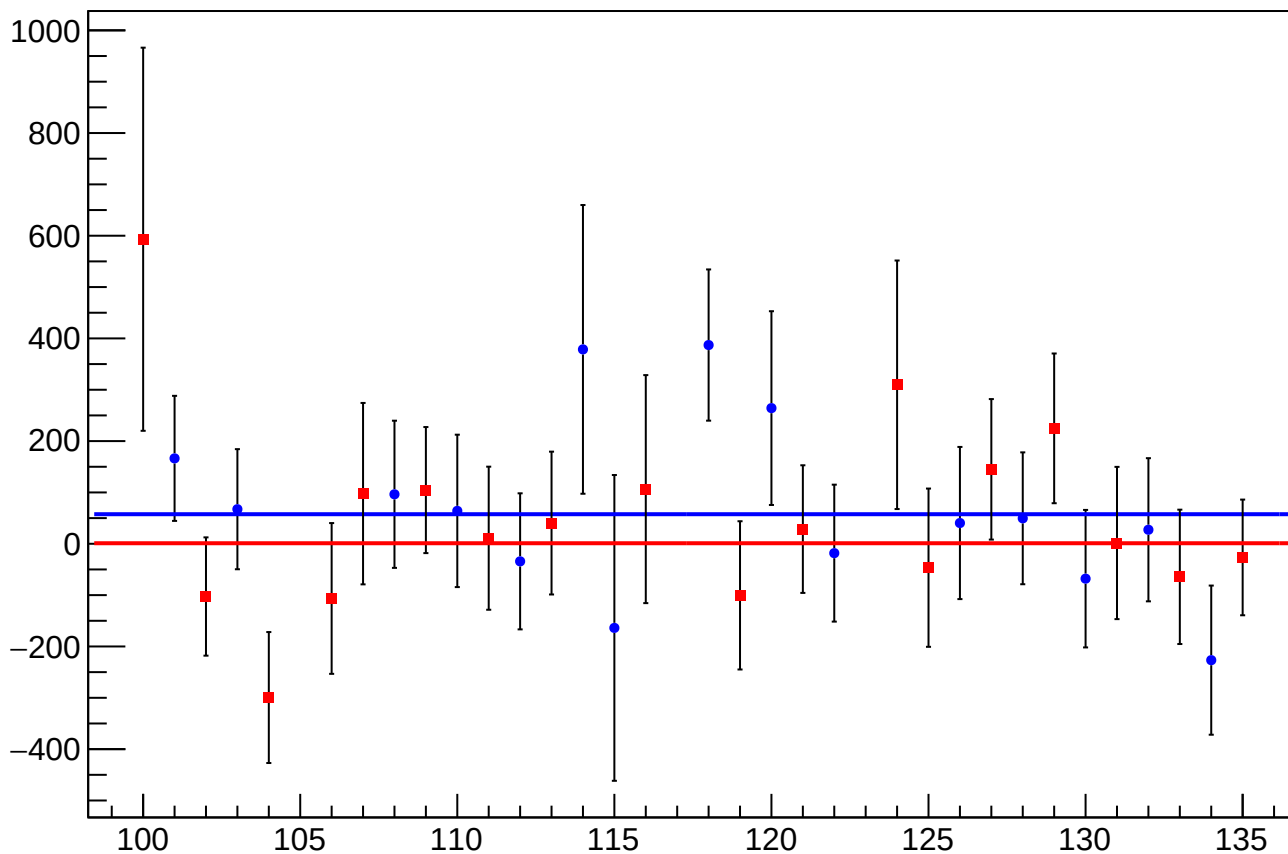
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3578903.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_dd_mean vs Slug



Right In: 57.591+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.063+/-33.956 χ^2/NDF : 16.8/17

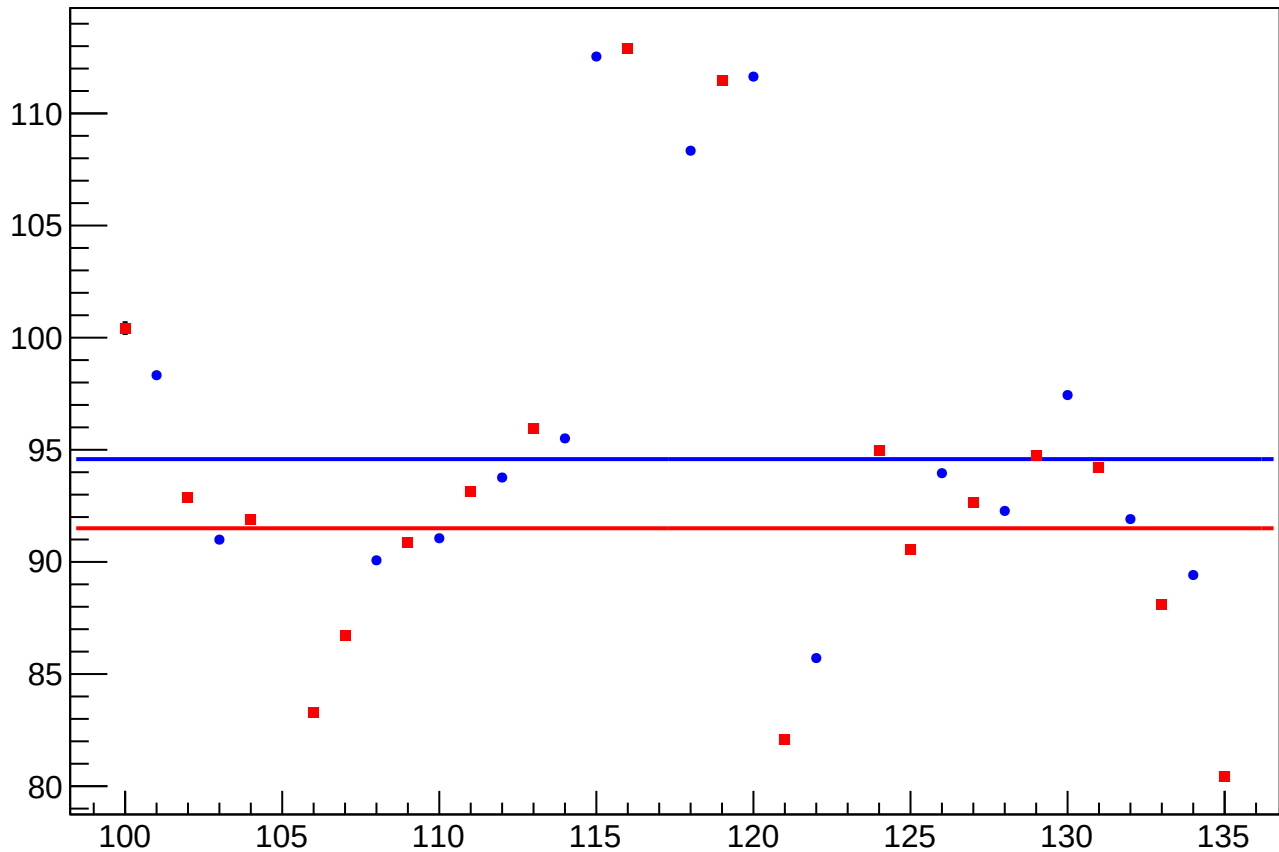
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 26.443+/-25.206 χ^2/NDF : 32.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_rms vs Slug



Right In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.501+/-0.024 χ^2/NDF : 102726.1/17

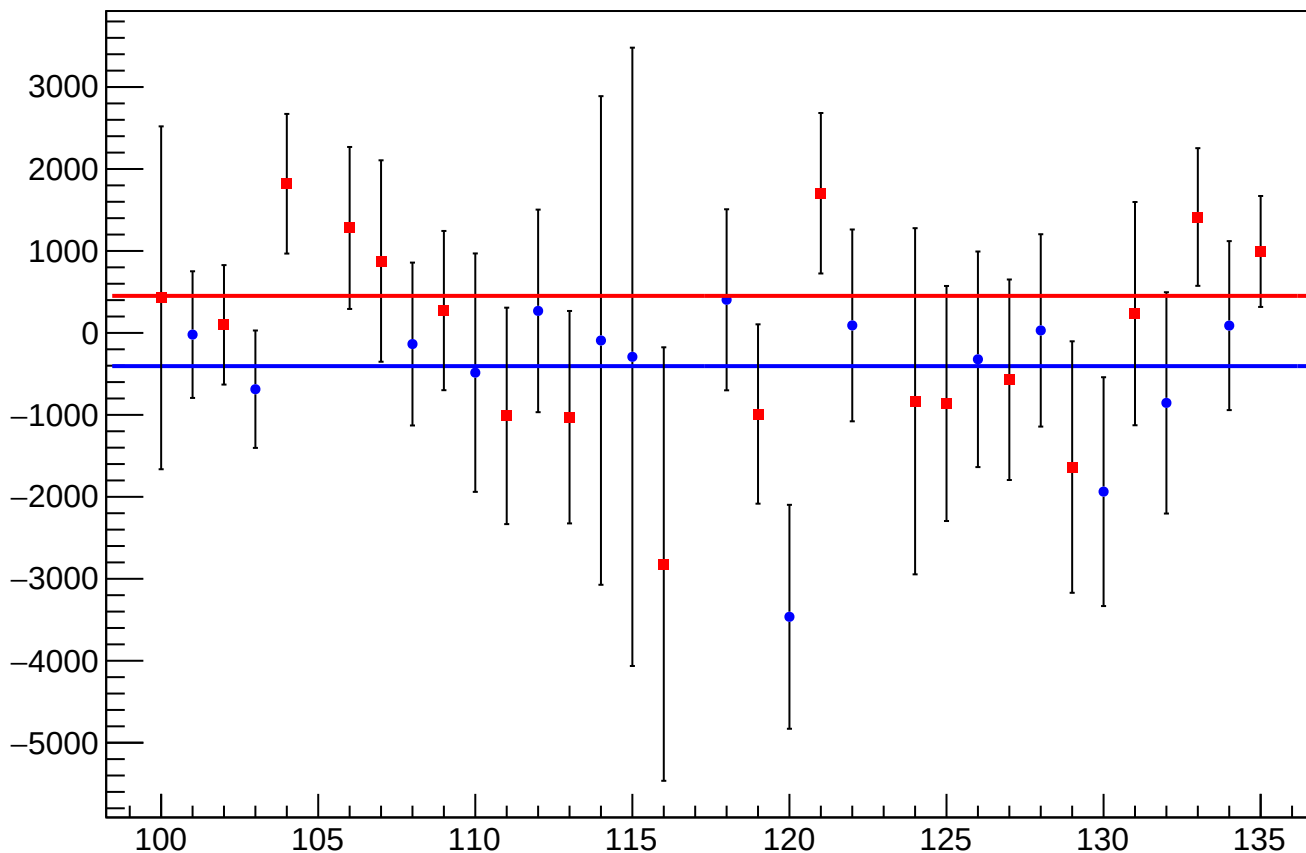
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.885+/-0.018 χ^2/NDF : 171880.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_correction_mean vs Slug



Right In: -405.163+/-296.952 χ^2 /NDF: 8.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 451.931+/-255.078 χ^2 /NDF: 16.8/17

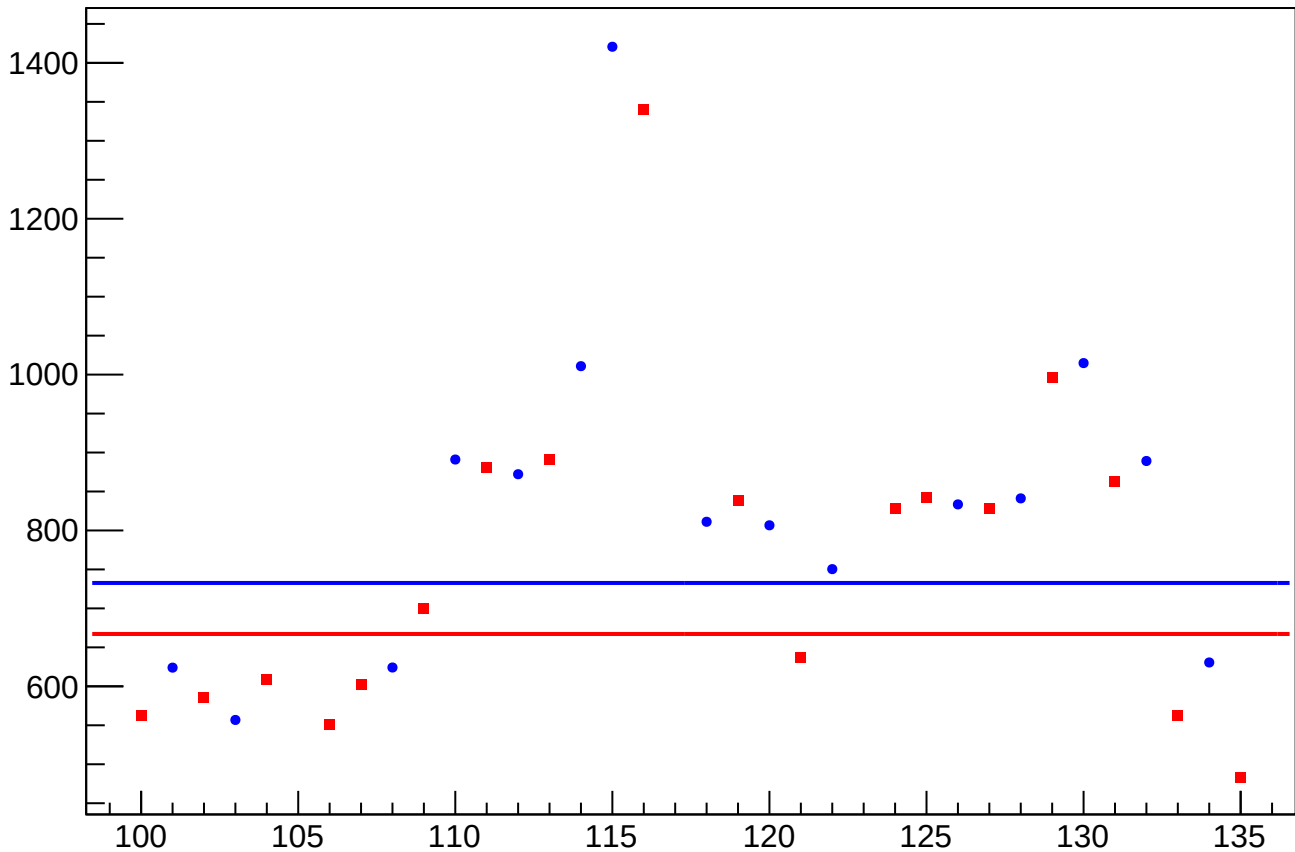
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 88.026+/-193.493 χ^2 /NDF: 29.8/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_correction_rms vs Slug



Right In: 732.645+/-0.210 χ^2/NDF : 490510.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 667.179+/-0.180 χ^2/NDF : 755479.1/17

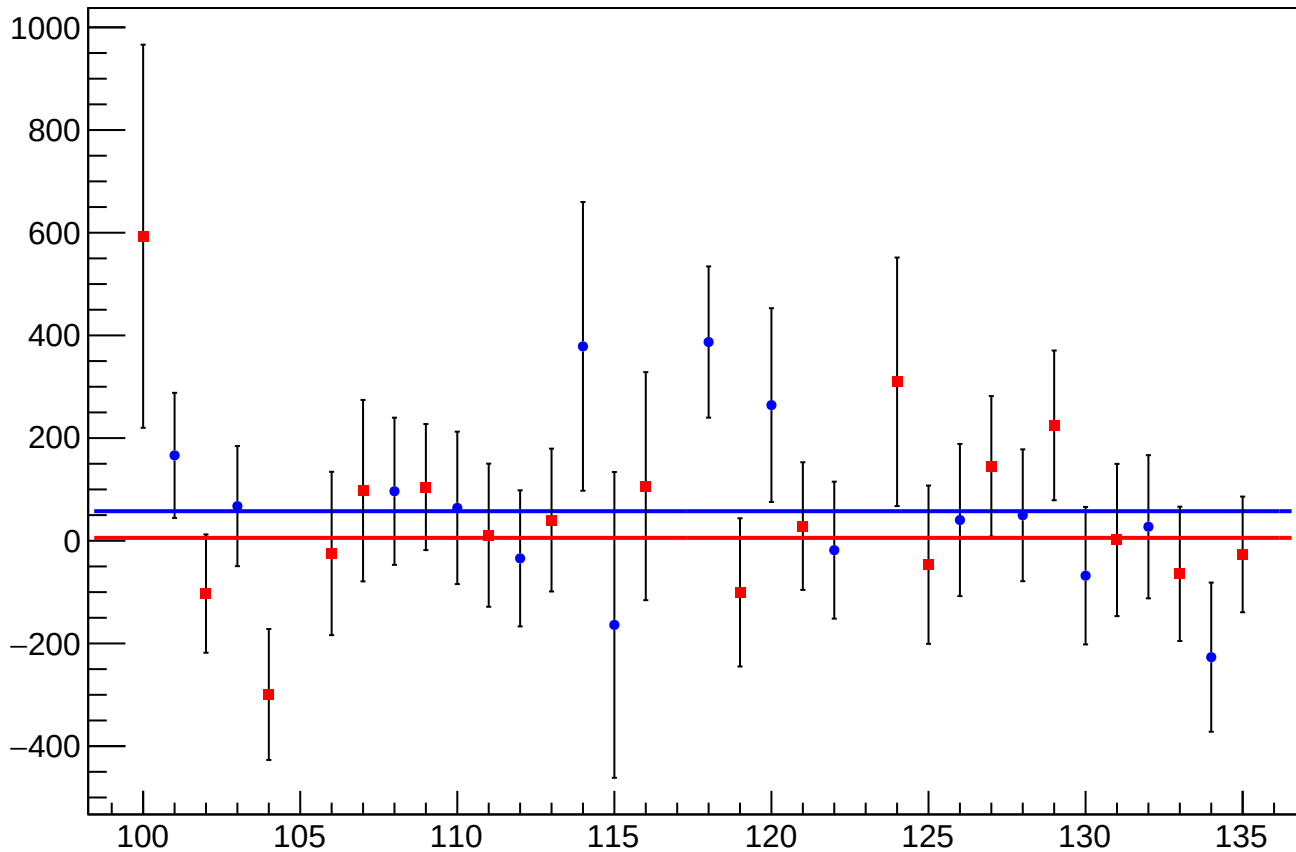
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.974+/-0.137 χ^2/NDF : 1301922.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_mean vs Slug



Right In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-34.091 χ^2/NDF : 16.2/17

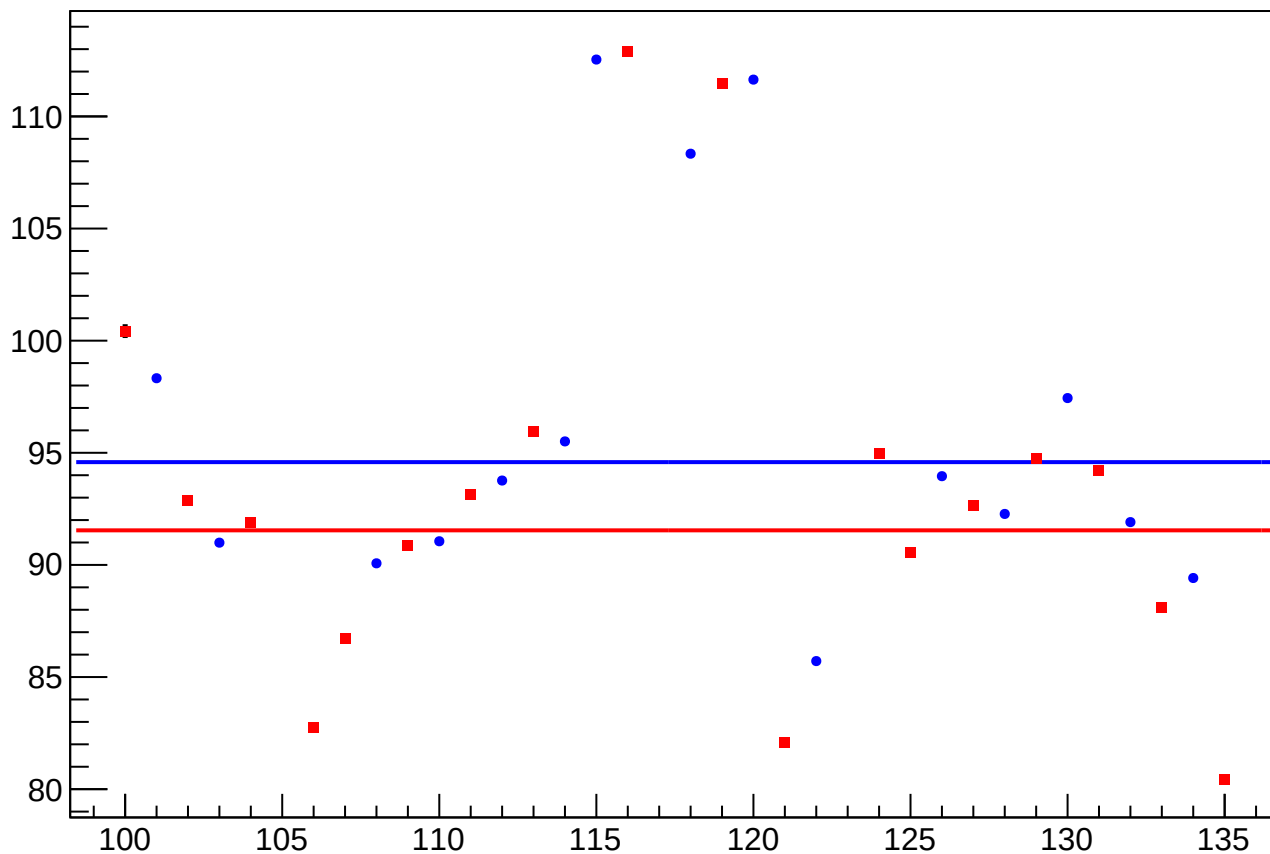
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.092+/-25.261 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_dd_rms vs Slug



Right In: 94.584 $\pm$ 0.027 χ^2 /NDF: 61751.1/14

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

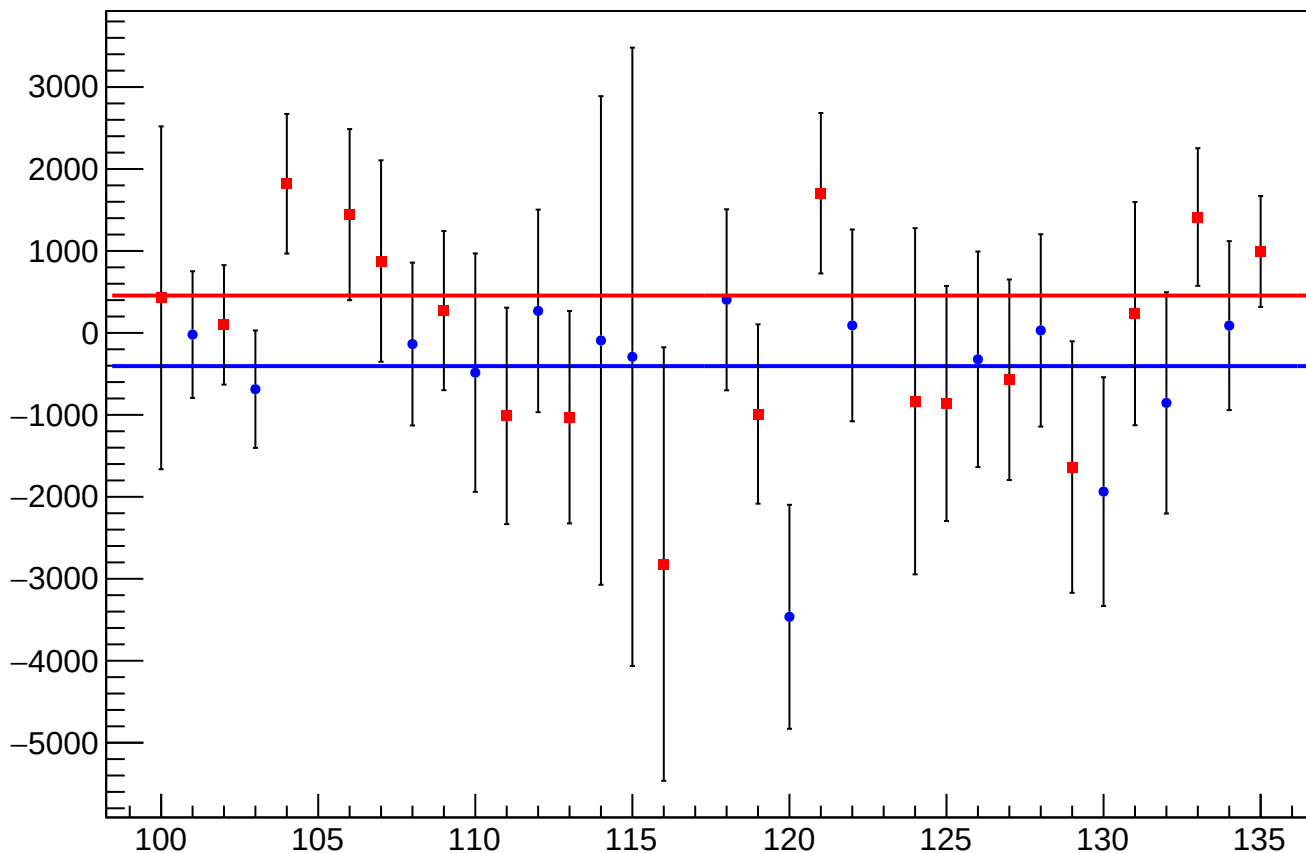
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.914 $\pm$ 0.018 χ^2 /NDF: 171450.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_cor_correction_mean vs Slug



Right In: -405.157+/-296.951 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.865+/-255.970 χ^2/NDF : 17.0/17

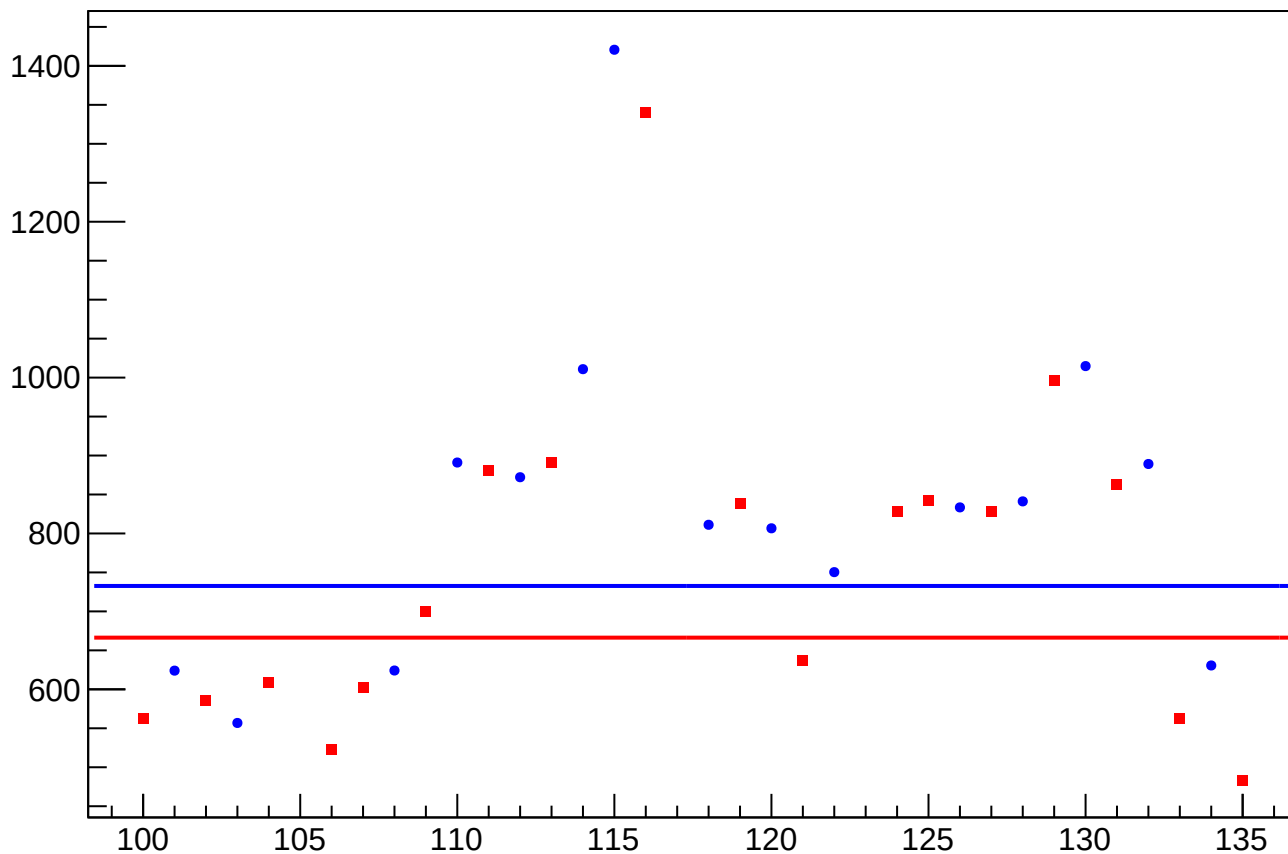
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.823+/-193.881 χ^2/NDF : 30.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_cor_correction_rms vs Slug



Right In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.318+/-0.181 χ^2/NDF : 765939.5/17

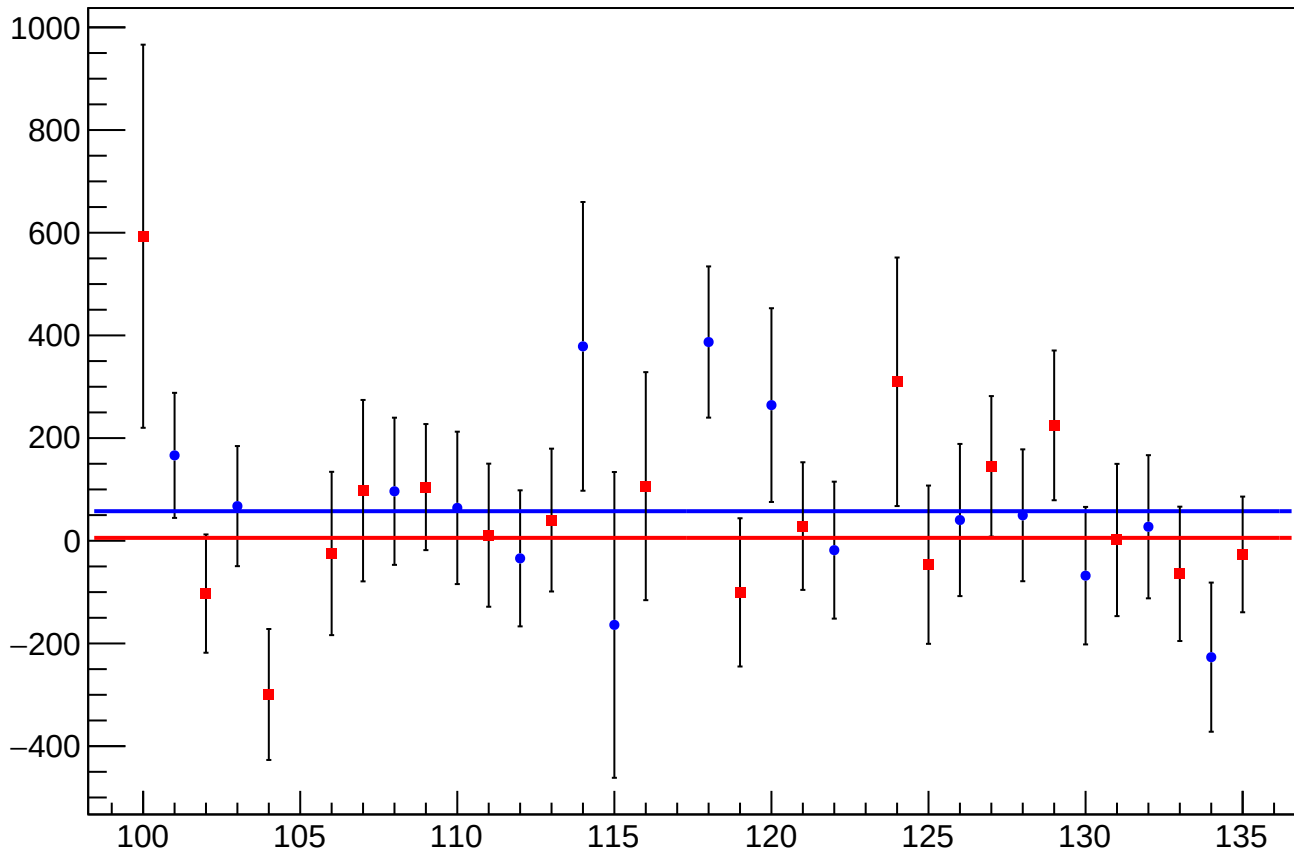
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.592+/-0.137 χ^2/NDF : 1313696.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_mean vs Slug



Right In: 57.613+/-37.618 χ^2/NDF : 14.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.668+/-34.091 χ^2/NDF : 16.2/17

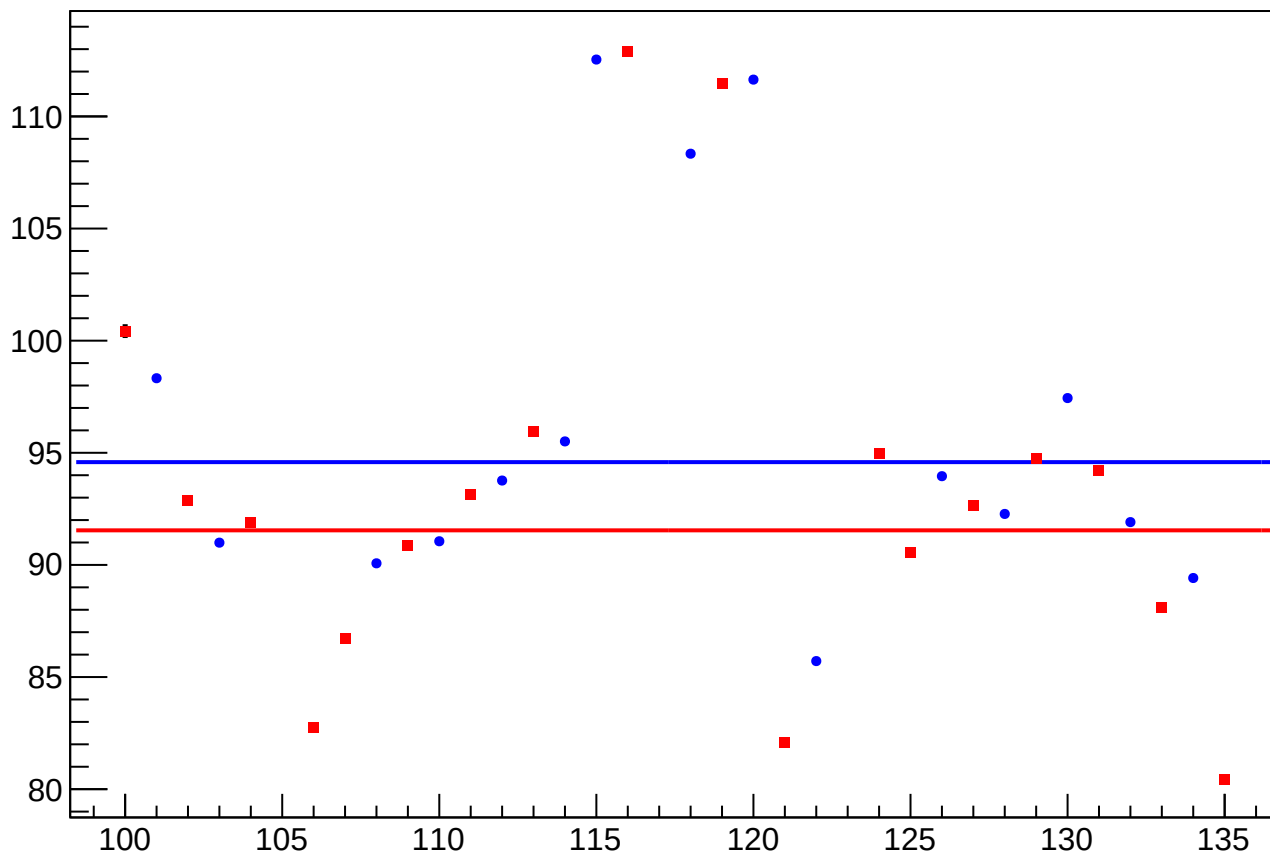
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.092+/-25.261 χ^2/NDF : 31.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_dd_rms vs Slug



Right In: 94.584+/-0.027 χ^2/NDF : 61751.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.542+/-0.024 χ^2/NDF : 102518.7/17

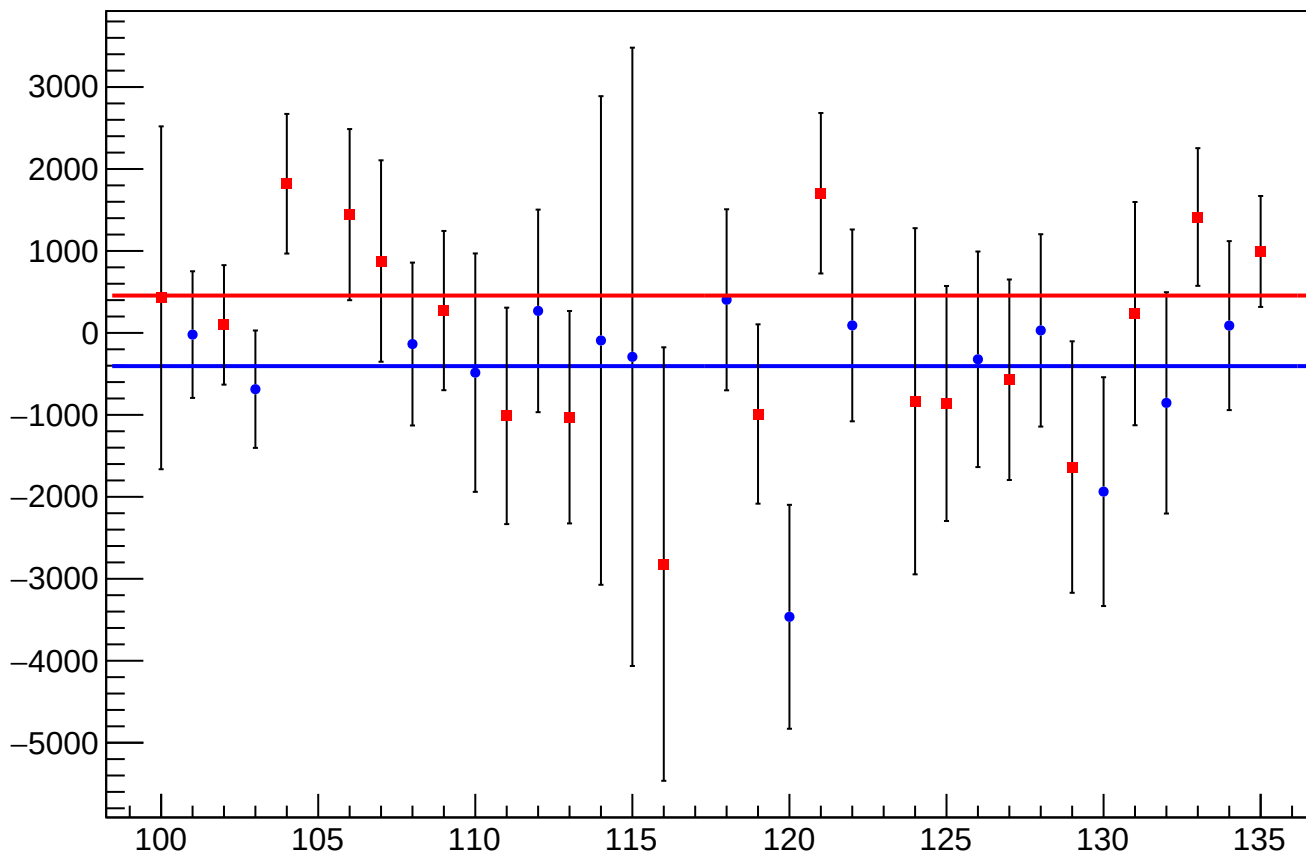
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.914+/-0.018 χ^2/NDF : 171450.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_mean vs Slug



Right In: -405.157+/-296.951 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 455.865+/-255.970 χ^2/NDF : 17.0/17

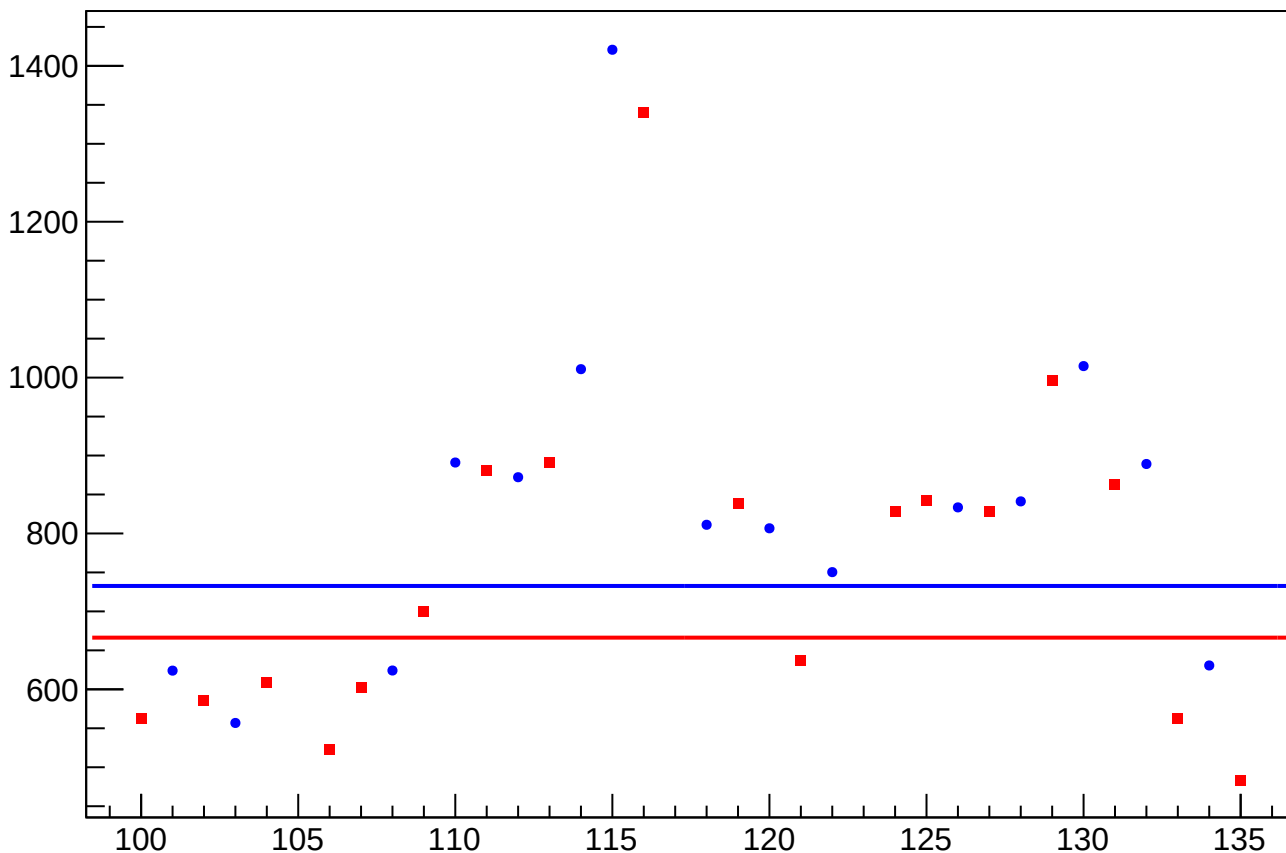
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.823+/-193.881 χ^2/NDF : 30.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_correction_rms vs Slug



Right In: 732.644+/-0.210 χ^2/NDF : 490515.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 666.318+/-0.181 χ^2/NDF : 765939.5/17

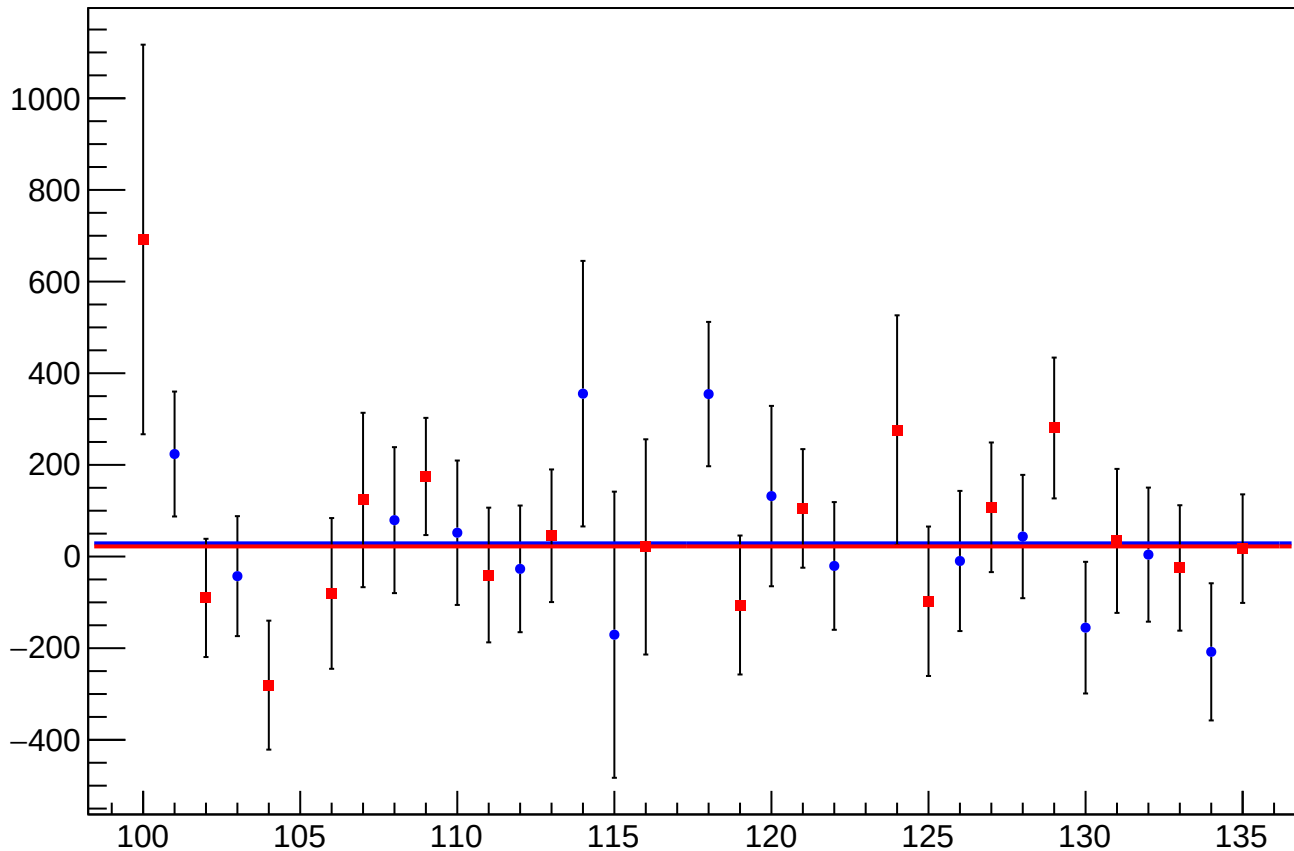
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 694.592+/-0.137 χ^2/NDF : 1313696.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_dd_mean vs Slug



Right In: 28.738 $\pm$ 40.100 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.074 $\pm$ 36.076 χ^2 /NDF: 16.2/17

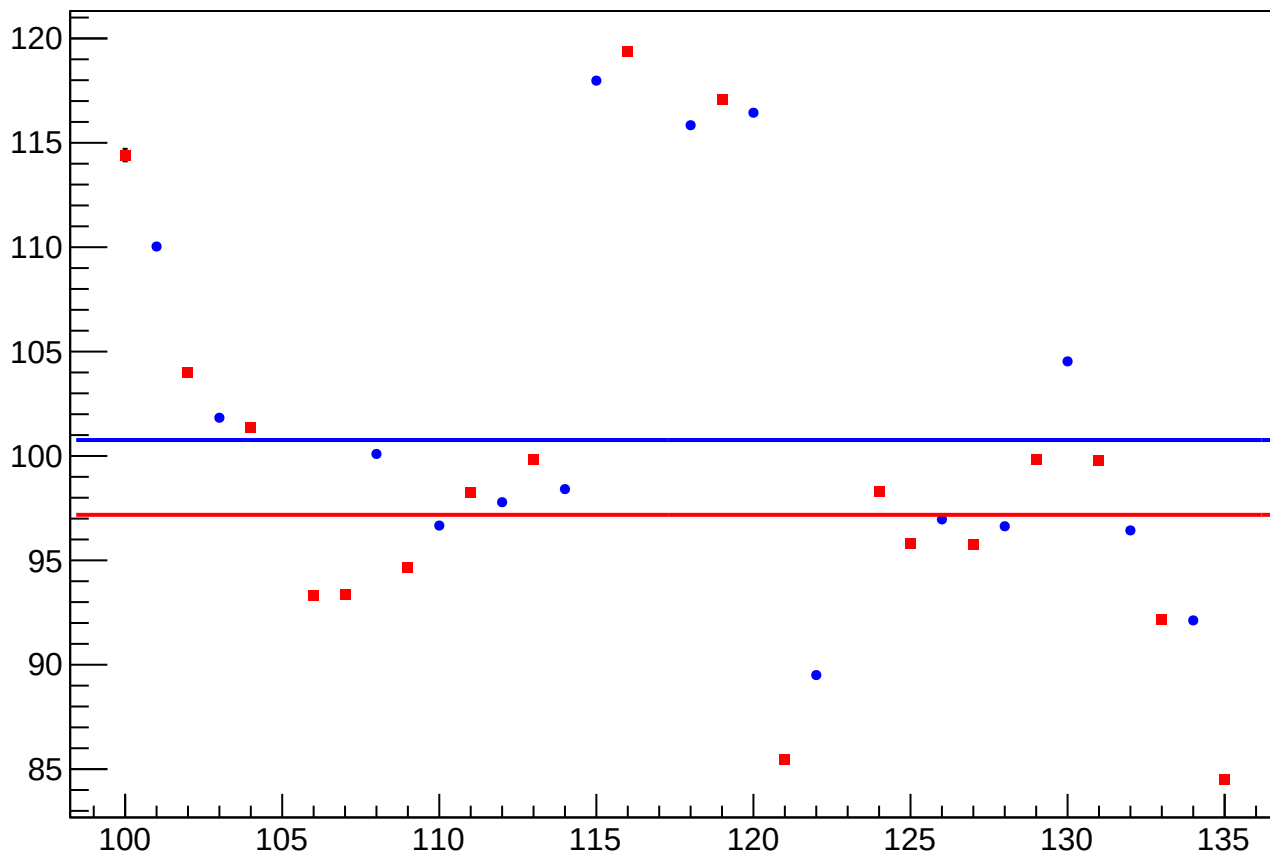
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.055 $\pm$ 26.820 χ^2 /NDF: 29.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_dd_rms vs Slug



Right In: 100.763 $\pm$ 0.028 χ^2 /NDF: 74905.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.181 $\pm$ 0.026 χ^2 /NDF: 109854.5/17

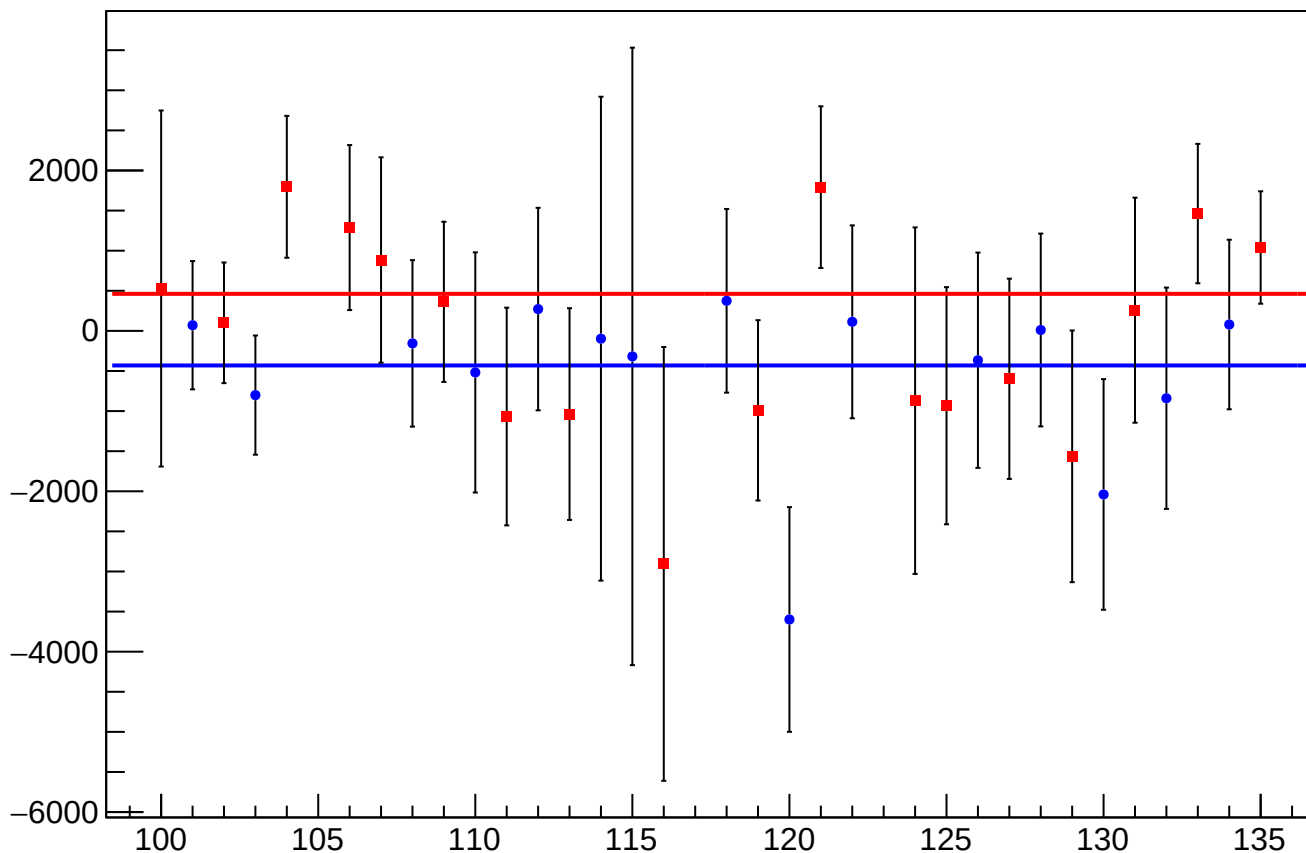
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.783 $\pm$ 0.019 χ^2 /NDF: 193581.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_correction_mean vs Slug



Right In: -431.156+/-306.188 χ^2/NDF : 8.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.941+/-263.322 χ^2/NDF : 16.5/17

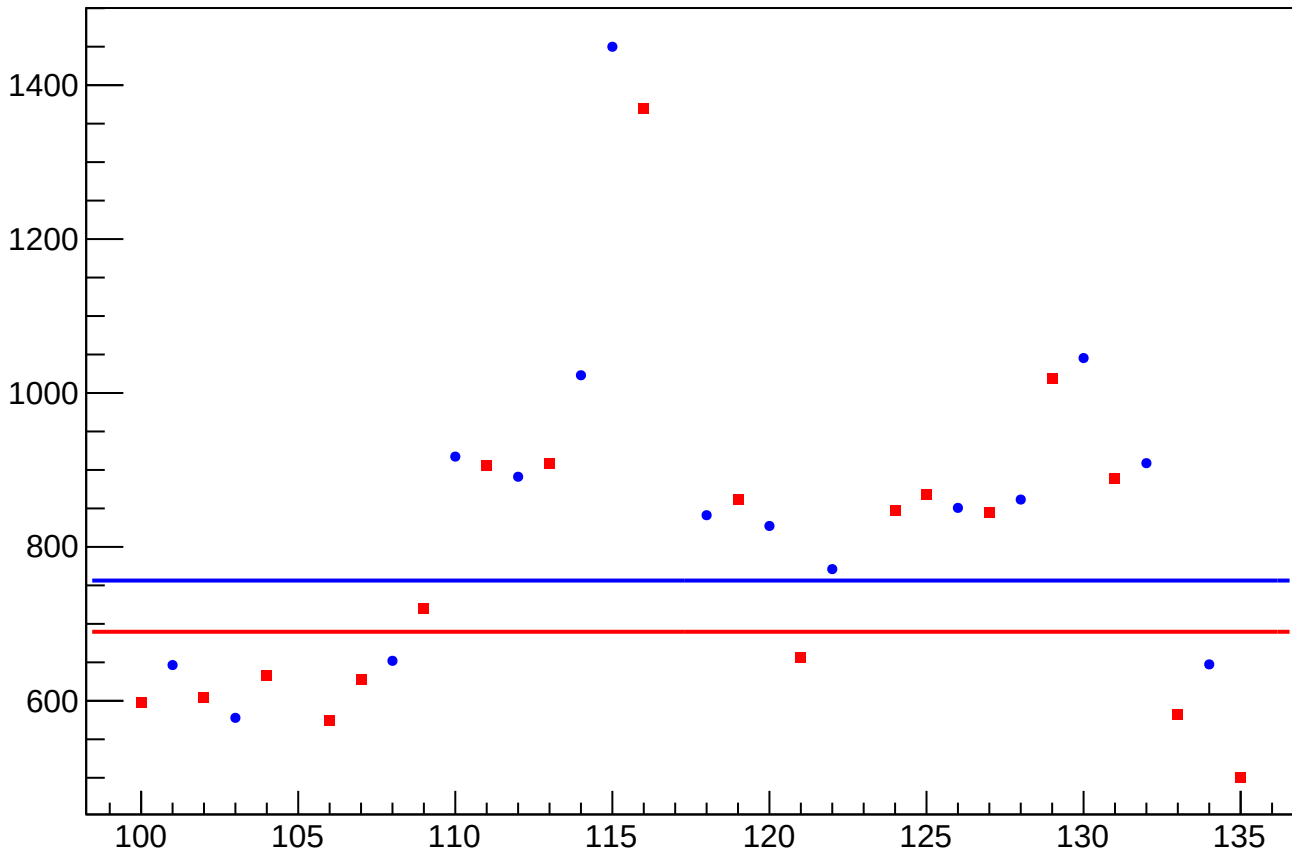
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.236+/-199.647 χ^2/NDF : 29.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_correction_rms vs Slug



Right In: 756.283+/-0.217 χ^2/NDF : 467839.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 689.726+/-0.186 χ^2/NDF : 725693.7/17

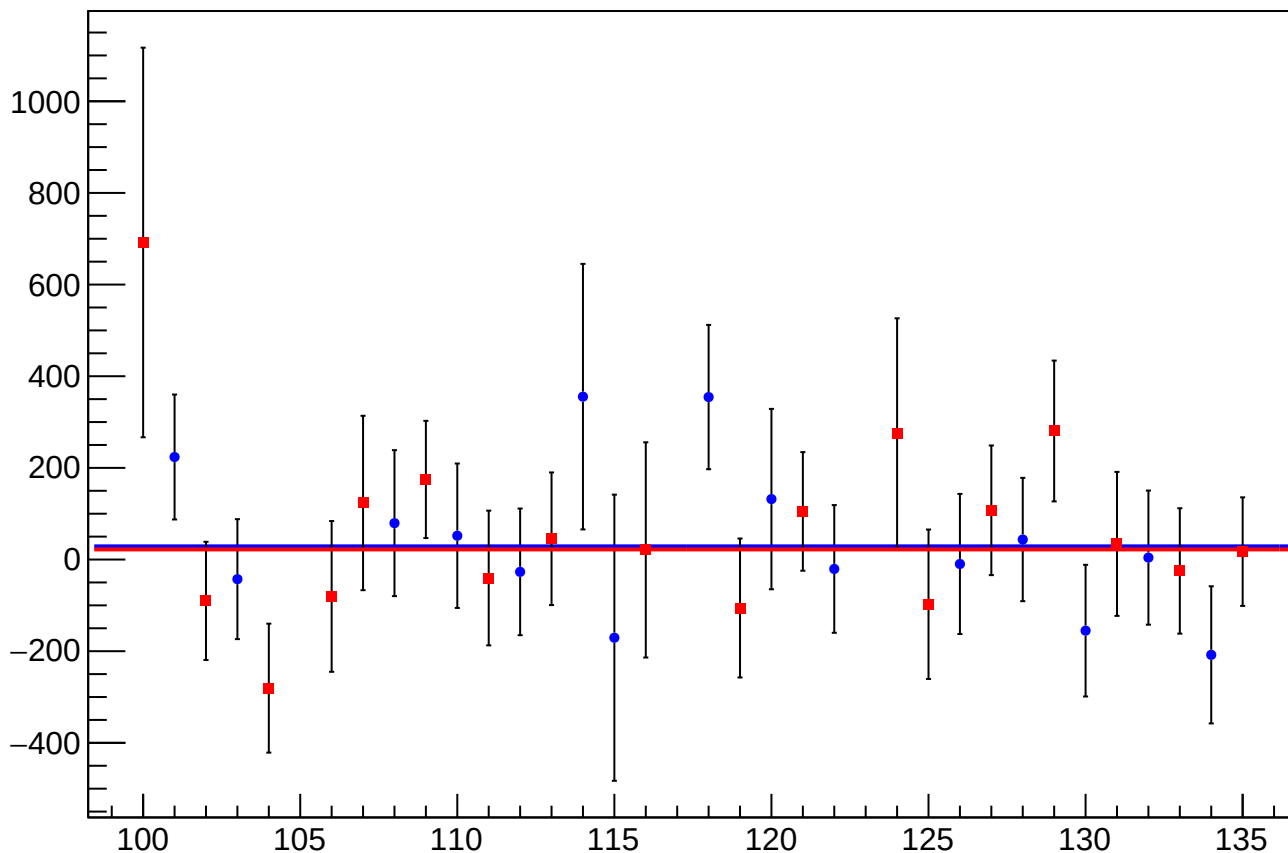
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 718.023+/-0.141 χ^2/NDF : 1247856.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_dd_mean vs Slug



Right In: 28.739 $\pm$ 40.099 χ^2 /NDF: 13.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 22.074 $\pm$ 36.076 χ^2 /NDF: 16.2/17

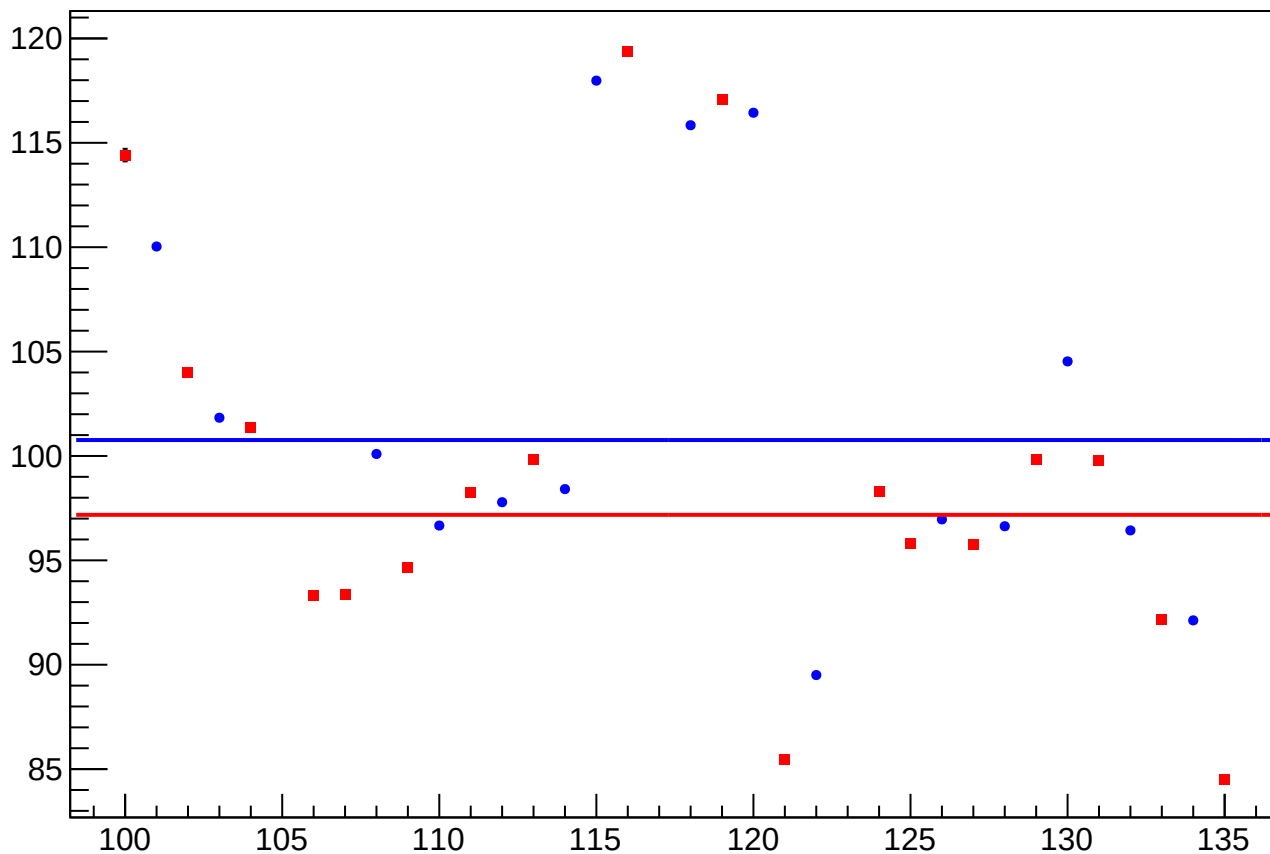
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.055 $\pm$ 26.820 χ^2 /NDF: 29.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_dd_rms vs Slug



Right In: 100.763 $\pm$ 0.028 χ^2 /NDF: 74904.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 97.180 $\pm$ 0.026 χ^2 /NDF: 109856.6/17

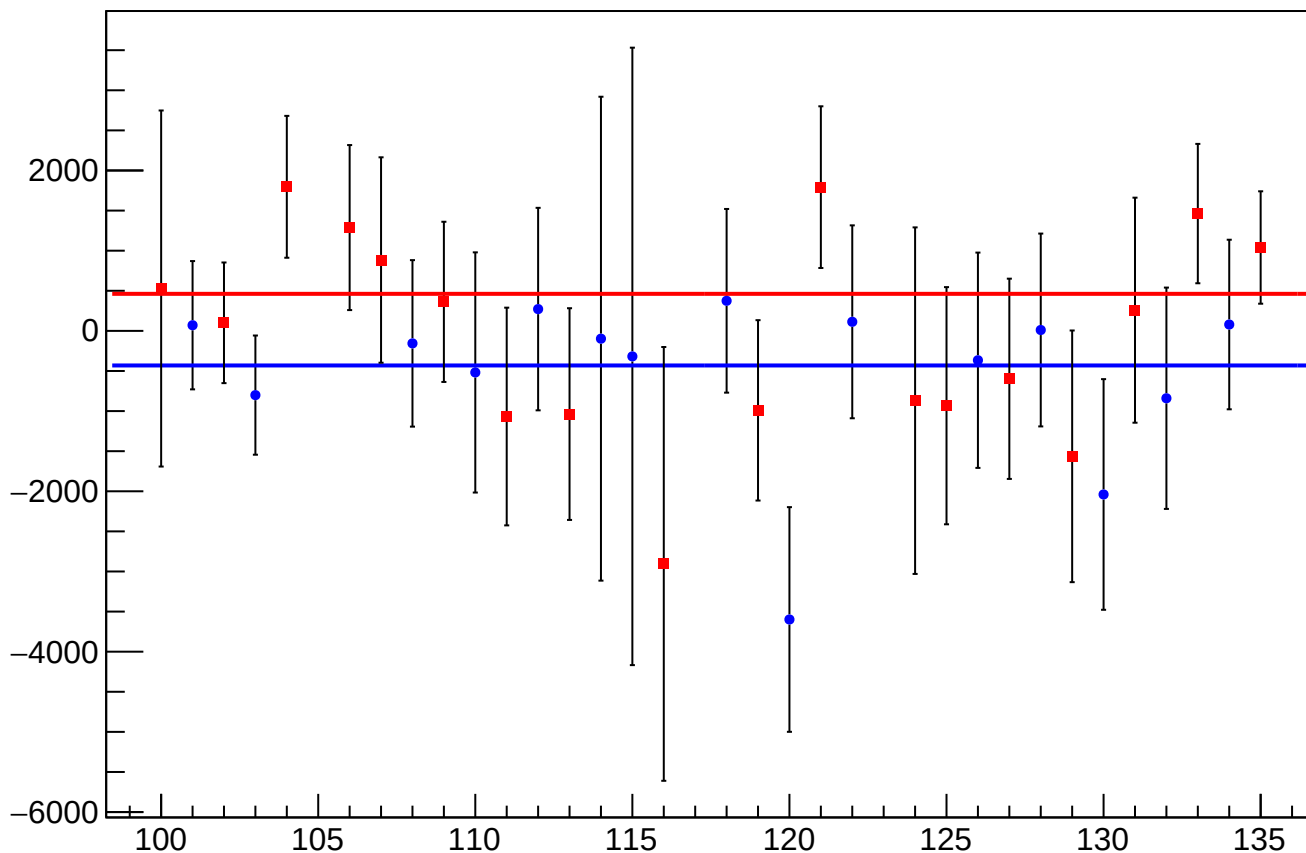
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 98.783 $\pm$ 0.019 χ^2 /NDF: 193583.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_correction_mean vs Slug



Right In: -431.155+/-306.188 χ^2/NDF : 8.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 461.941+/-263.321 χ^2/NDF : 16.5/17

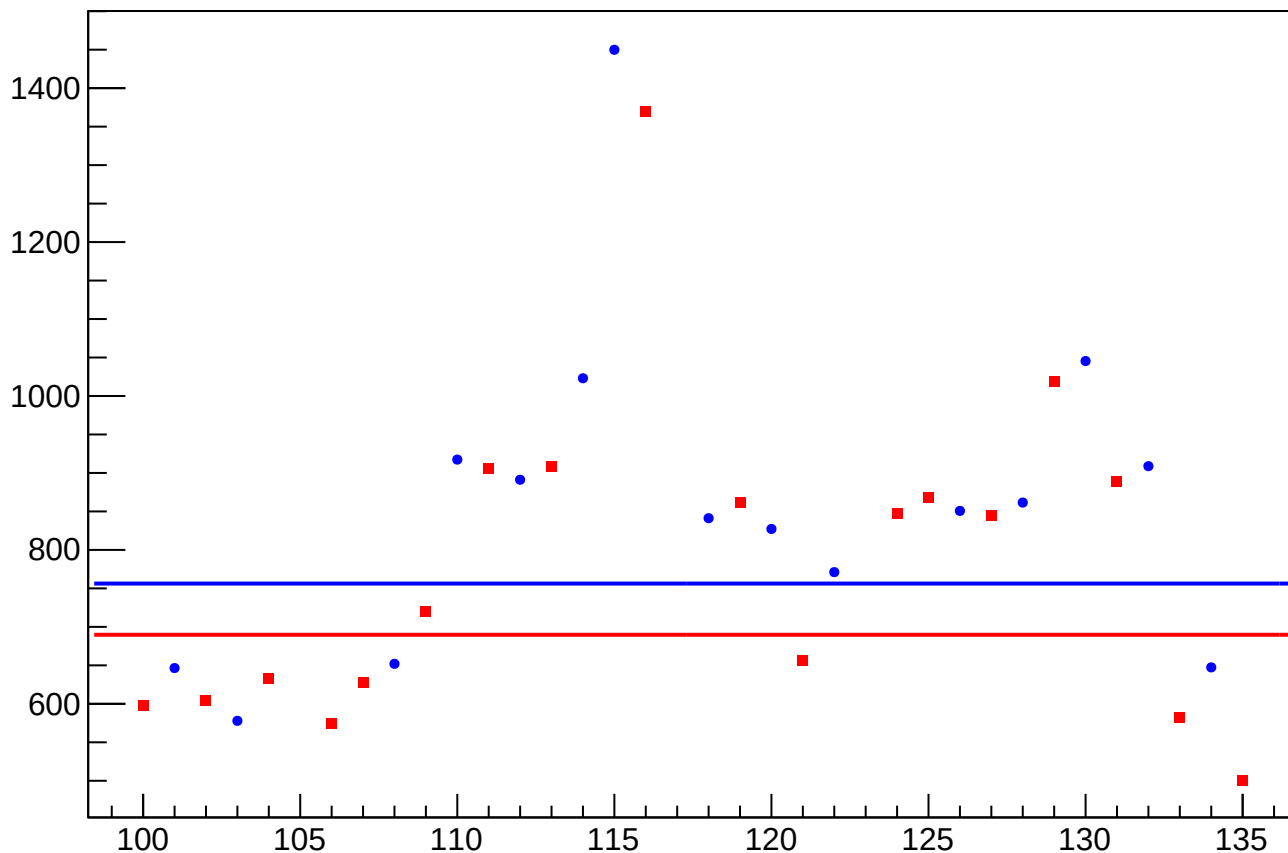
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.237+/-199.646 χ^2/NDF : 29.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_correction_rms vs Slug



Right In: 756.282 $\pm$ 0.217 χ^2 /NDF: 467836.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 689.724 $\pm$ 0.186 χ^2 /NDF: 725696.0/17

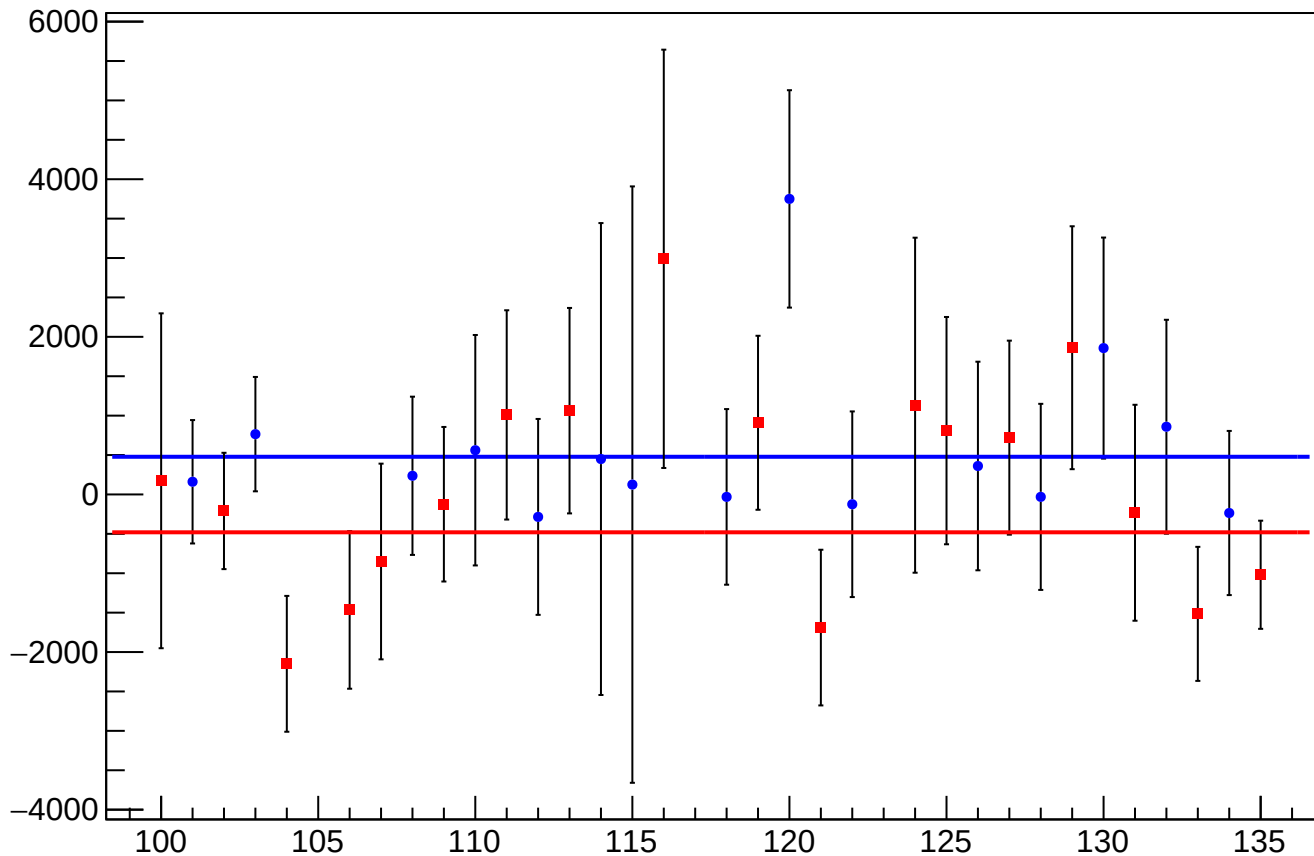
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 718.021 $\pm$ 0.141 χ^2 /NDF: 1247857.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_mean vs Slug



Right In: 477.975 $\pm$ 299.728 χ^2 /NDF: 8.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -480.467 $\pm$ 257.710 χ^2 /NDF: 19.4/17

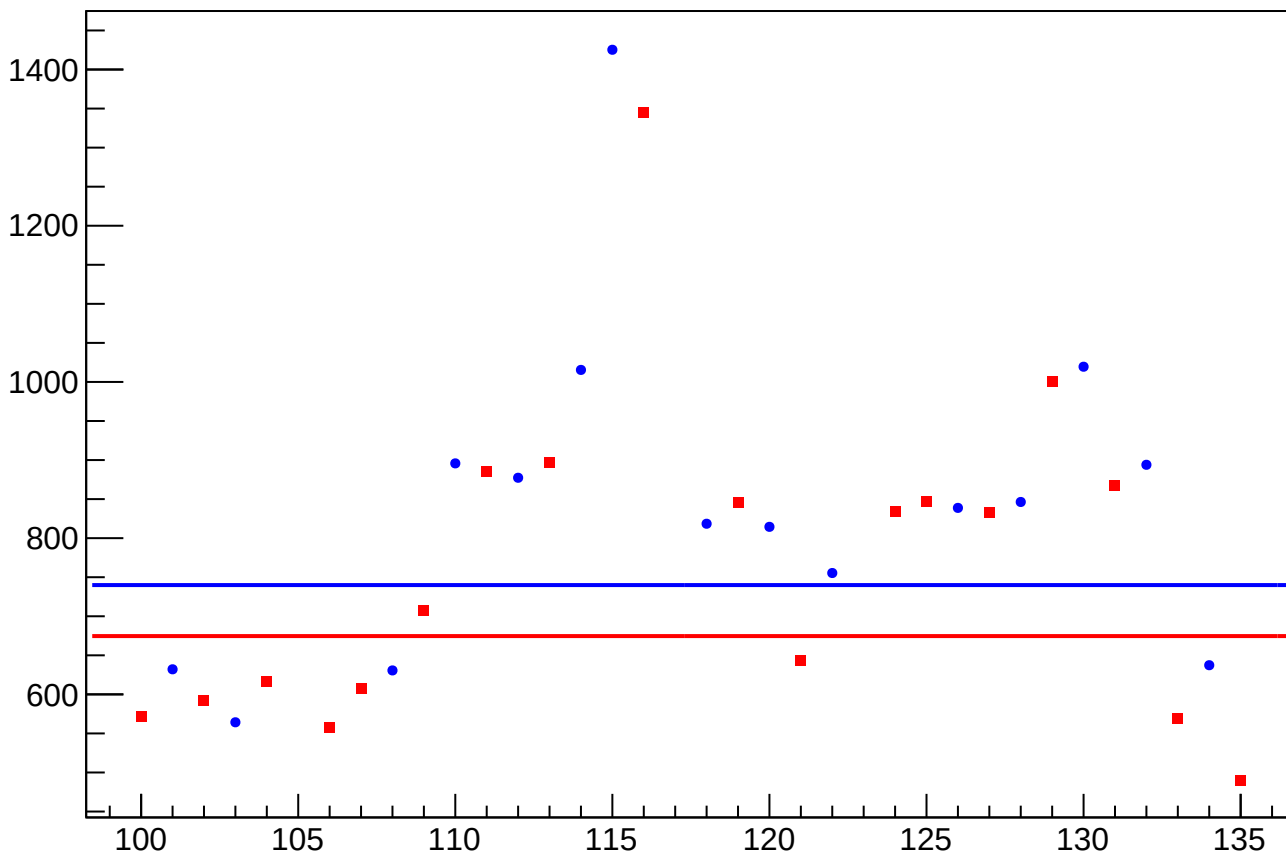
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -73.083 $\pm$ 195.410 χ^2 /NDF: 33.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_rms vs Slug



Right In: 739.941+/-0.212 χ^2/NDF : 476627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 674.634+/-0.182 χ^2/NDF : 737619.6/17

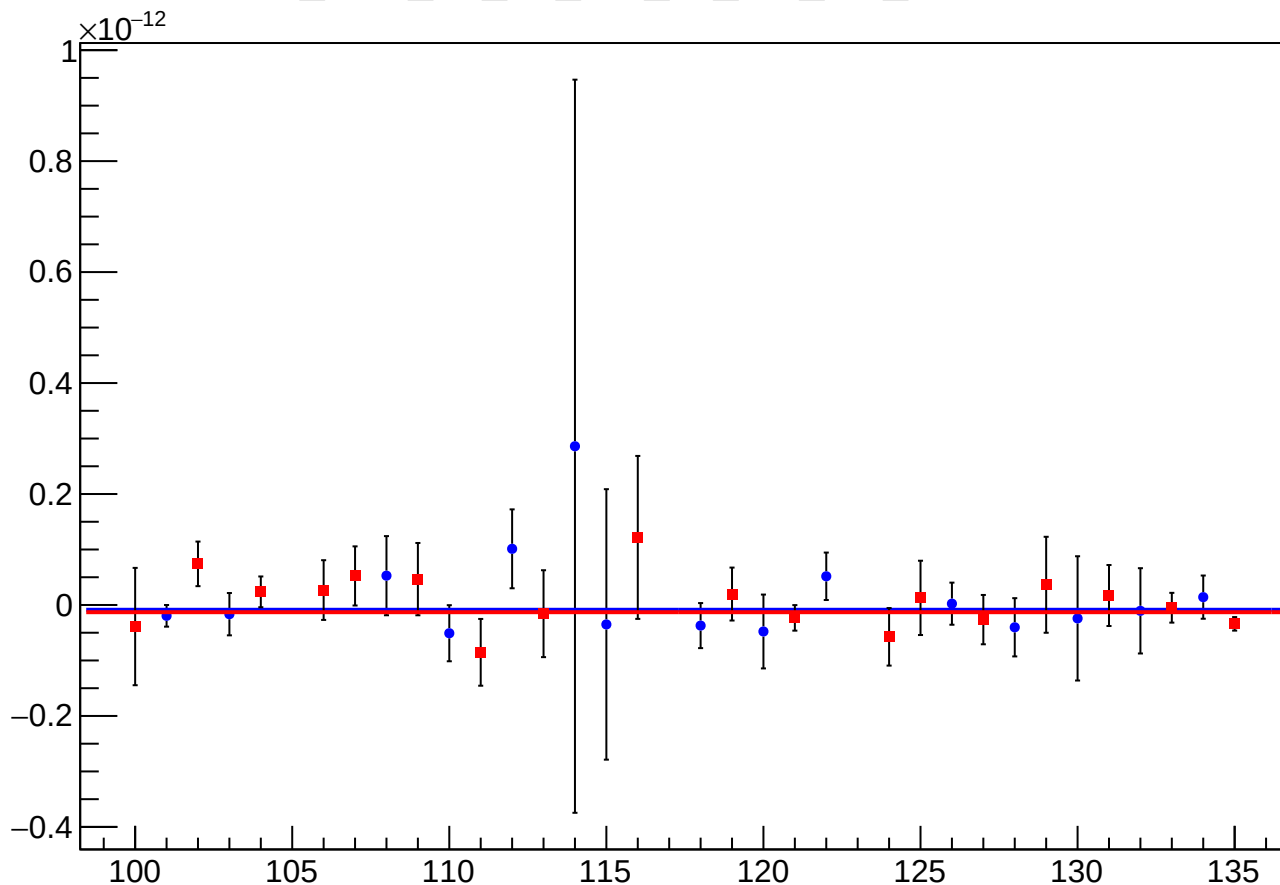
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 702.393+/-0.138 χ^2/NDF : 1268837.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/17

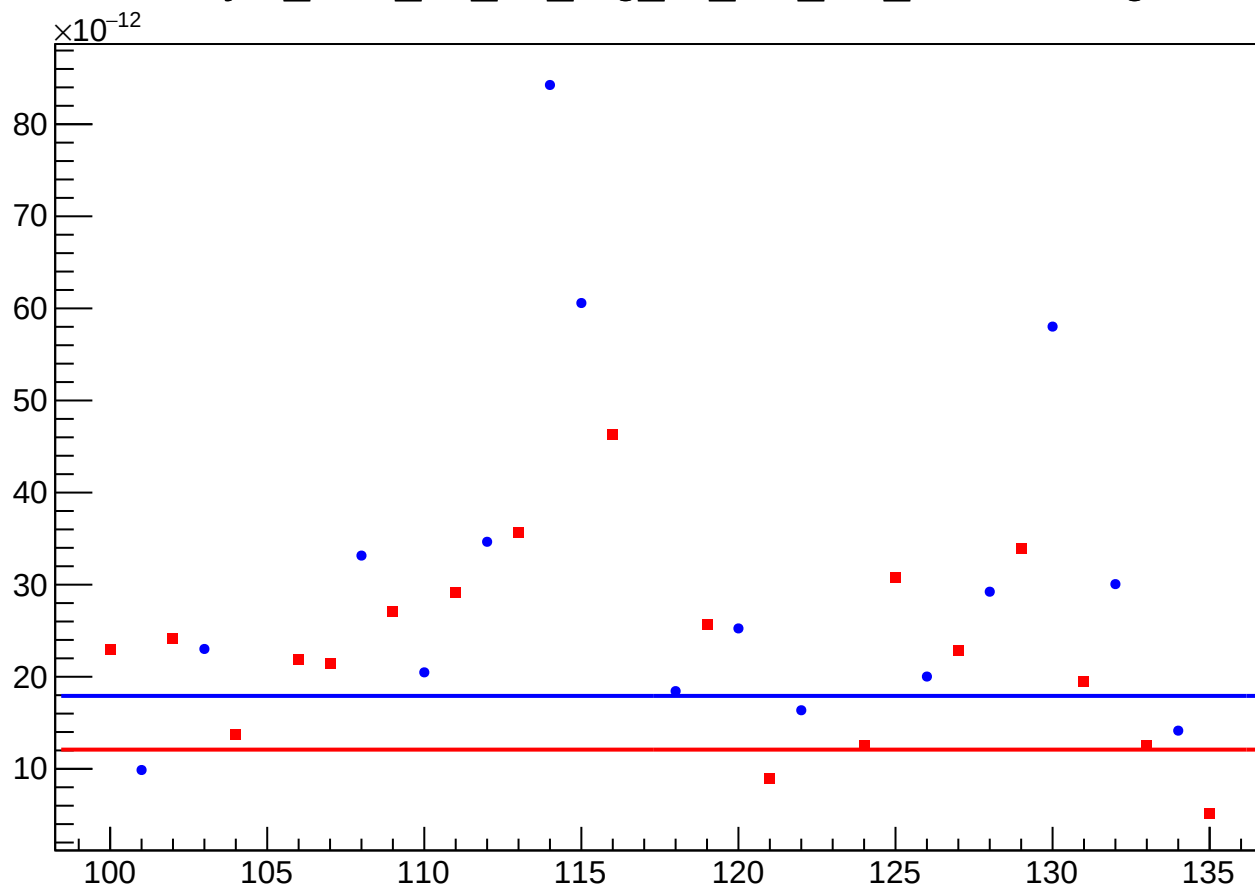
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1115886.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2181358.0/17

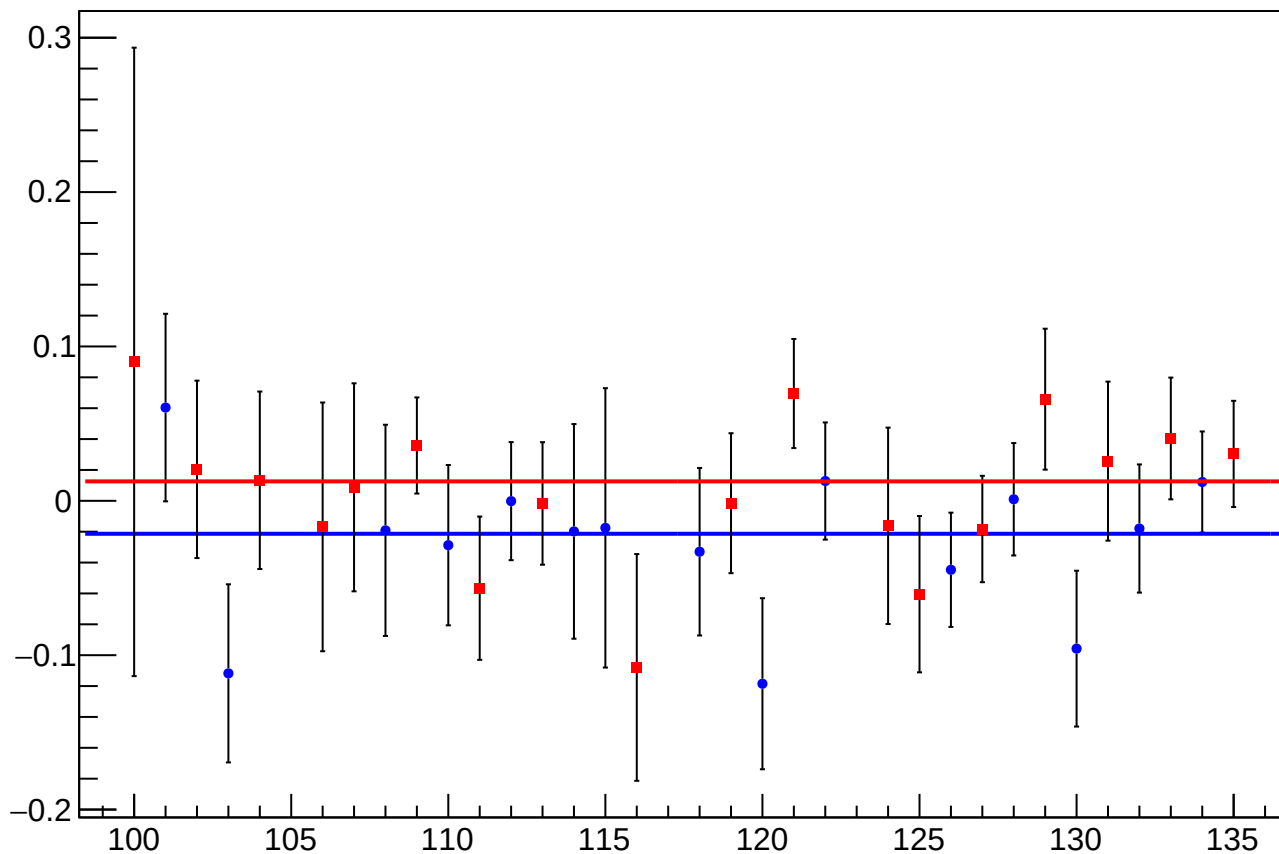
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3639560.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 ± 0.012 χ^2/NDF : 12.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.013 ± 0.011 χ^2/NDF : 13.9/17

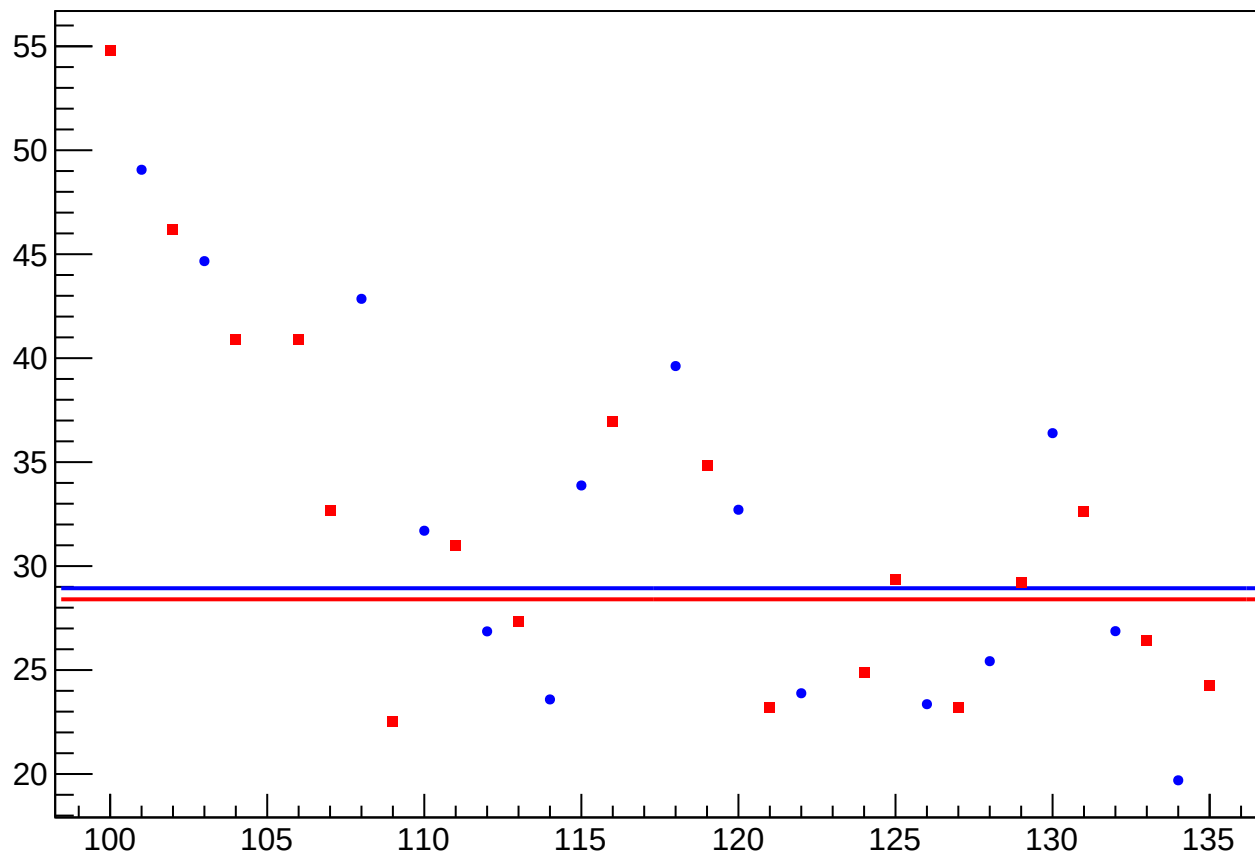
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.003 ± 0.008 χ^2/NDF : 30.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_dit_vs_cor_diff_rms vs Slug



Right In: 28.935 $\pm$ 0.009 χ^2 /NDF: 874549.2/14

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

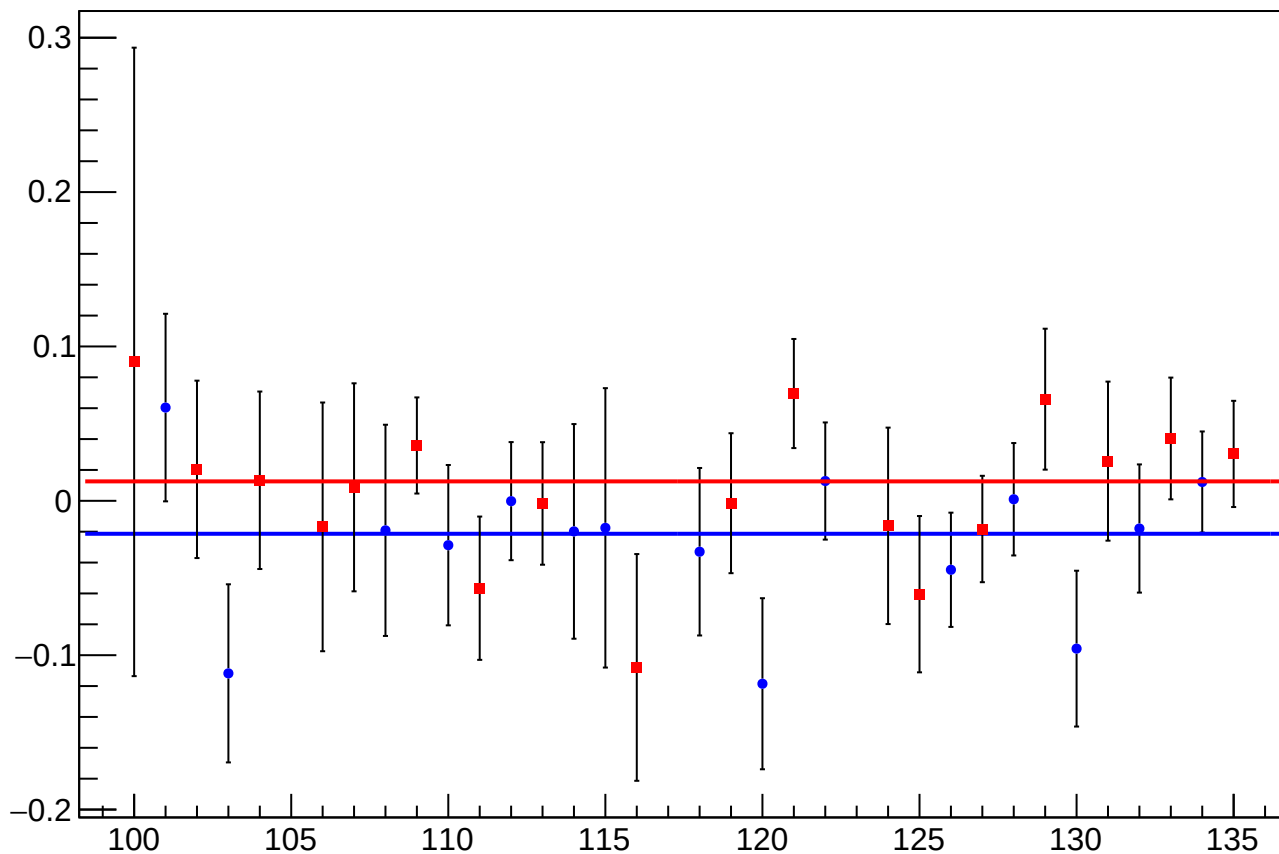
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.642 $\pm$ 0.006 χ^2 /NDF: 1543358.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.011 χ^2 /NDF: 13.9/17

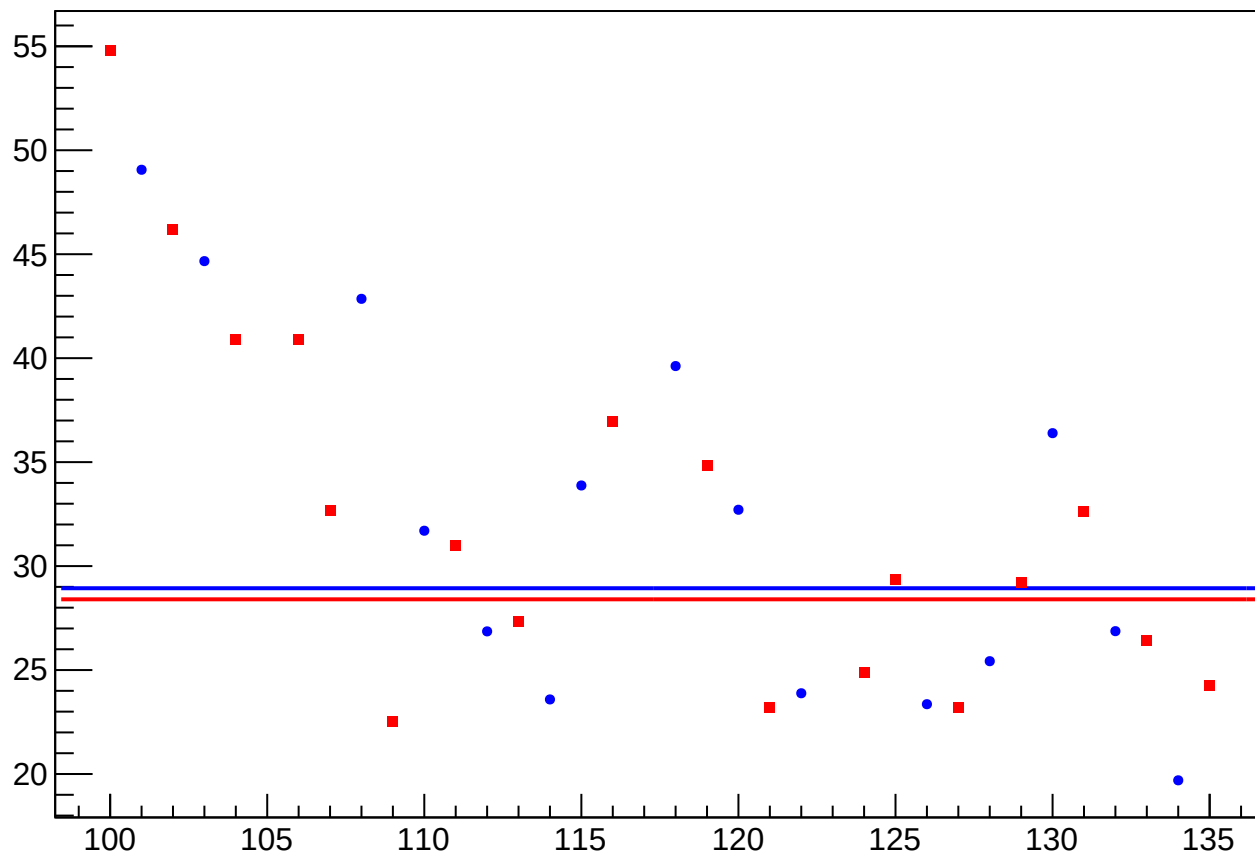
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.008 χ^2 /NDF: 30.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.935 $\pm$ 0.009 χ^2 /NDF: 874549.2/14

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

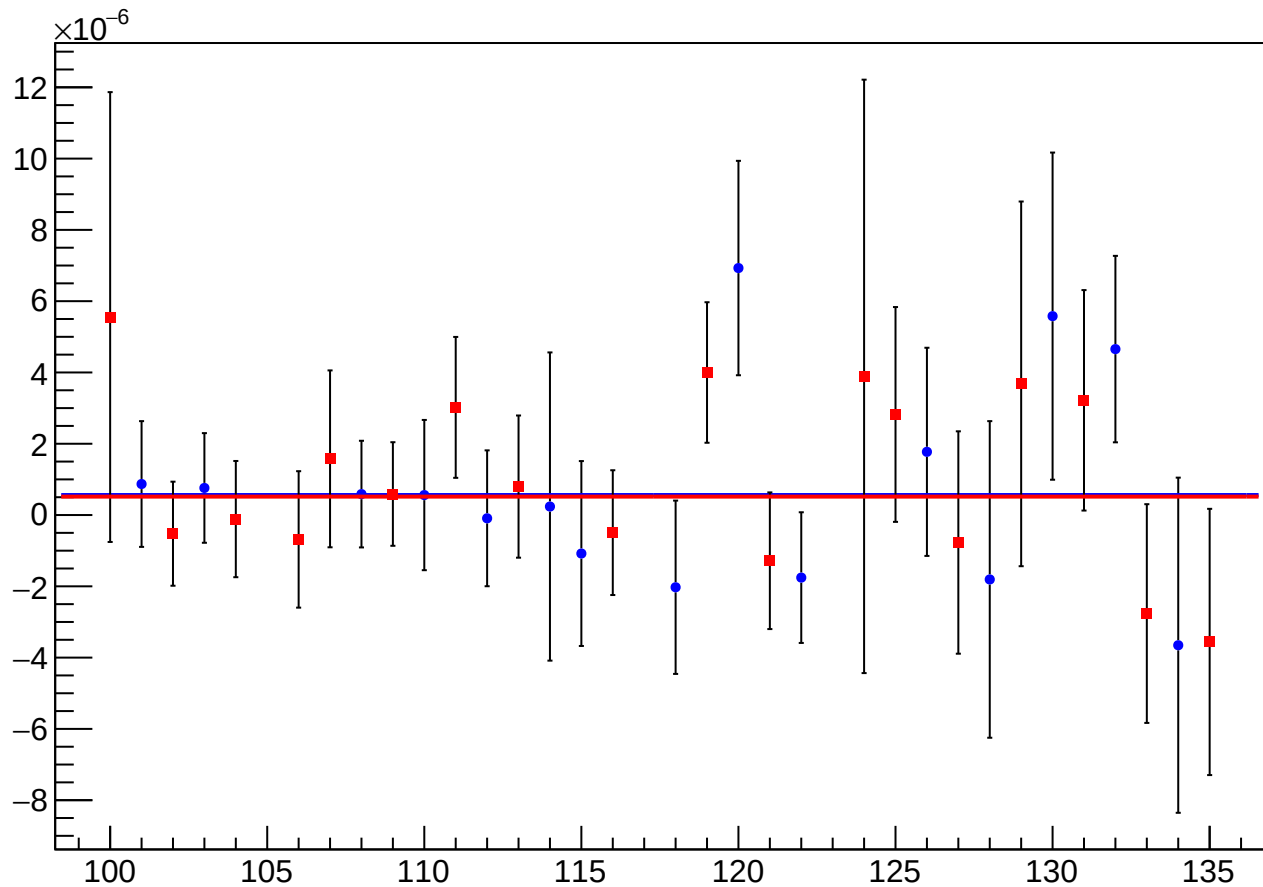
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.642 $\pm$ 0.006 χ^2 /NDF: 1543358.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.2/17

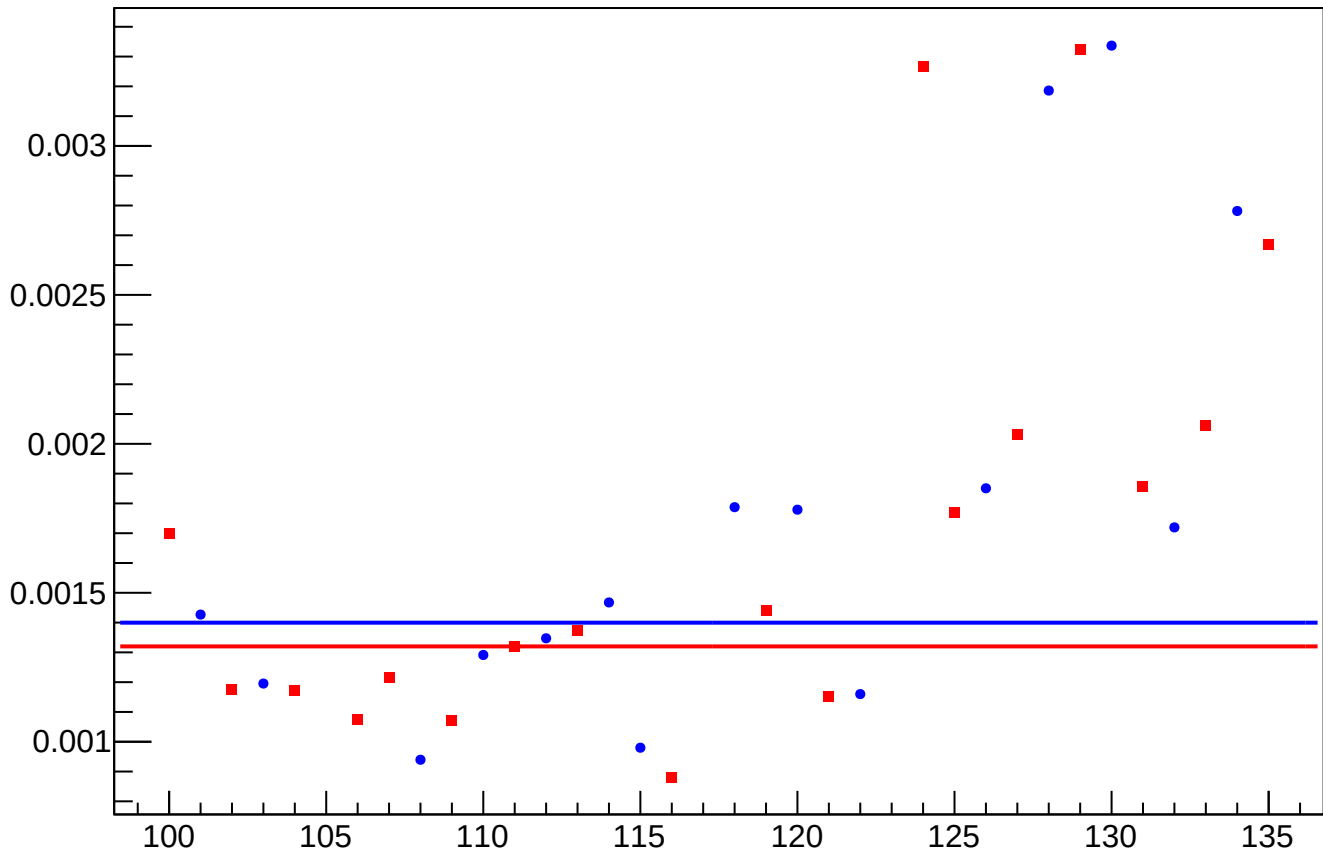
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 24.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1331686.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 1288981.1/17

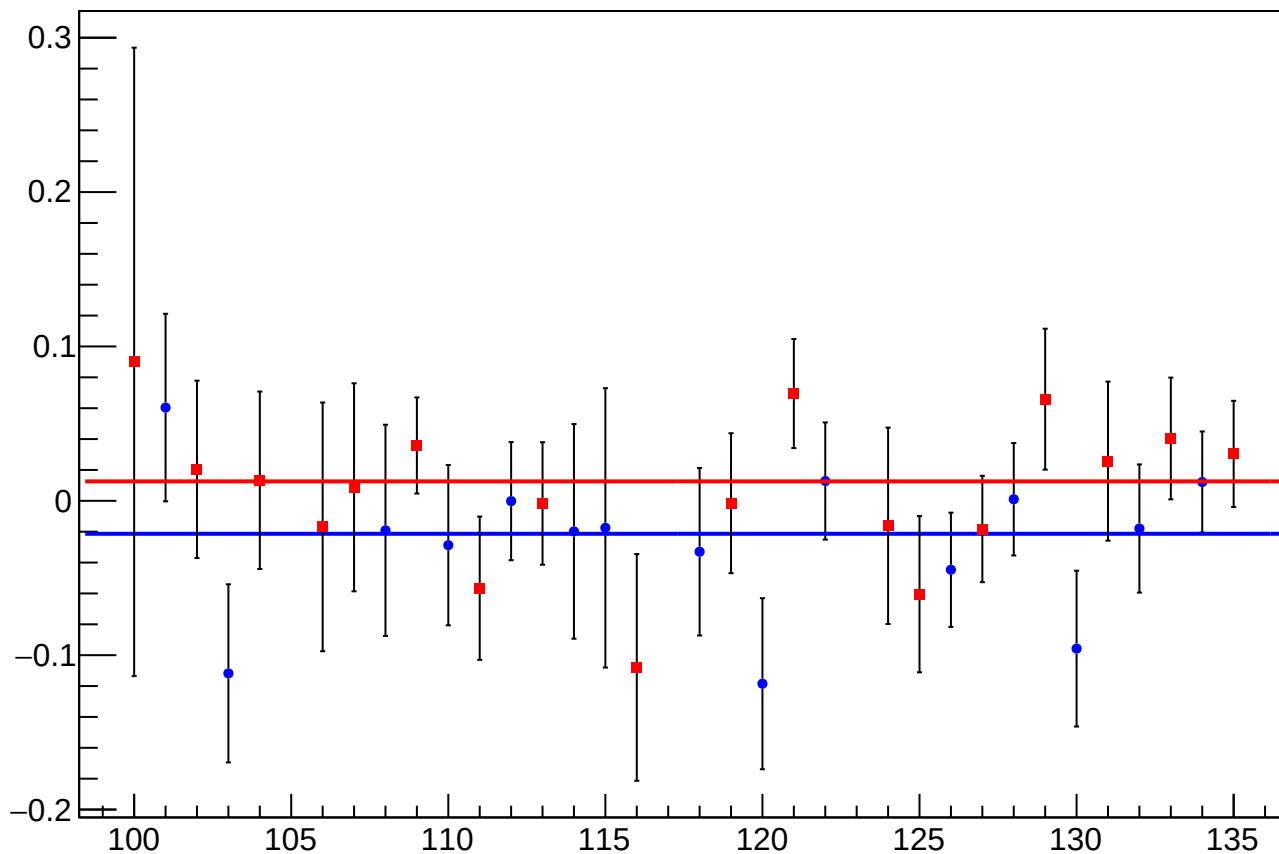
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 2641192.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.011 χ^2 /NDF: 13.9/17

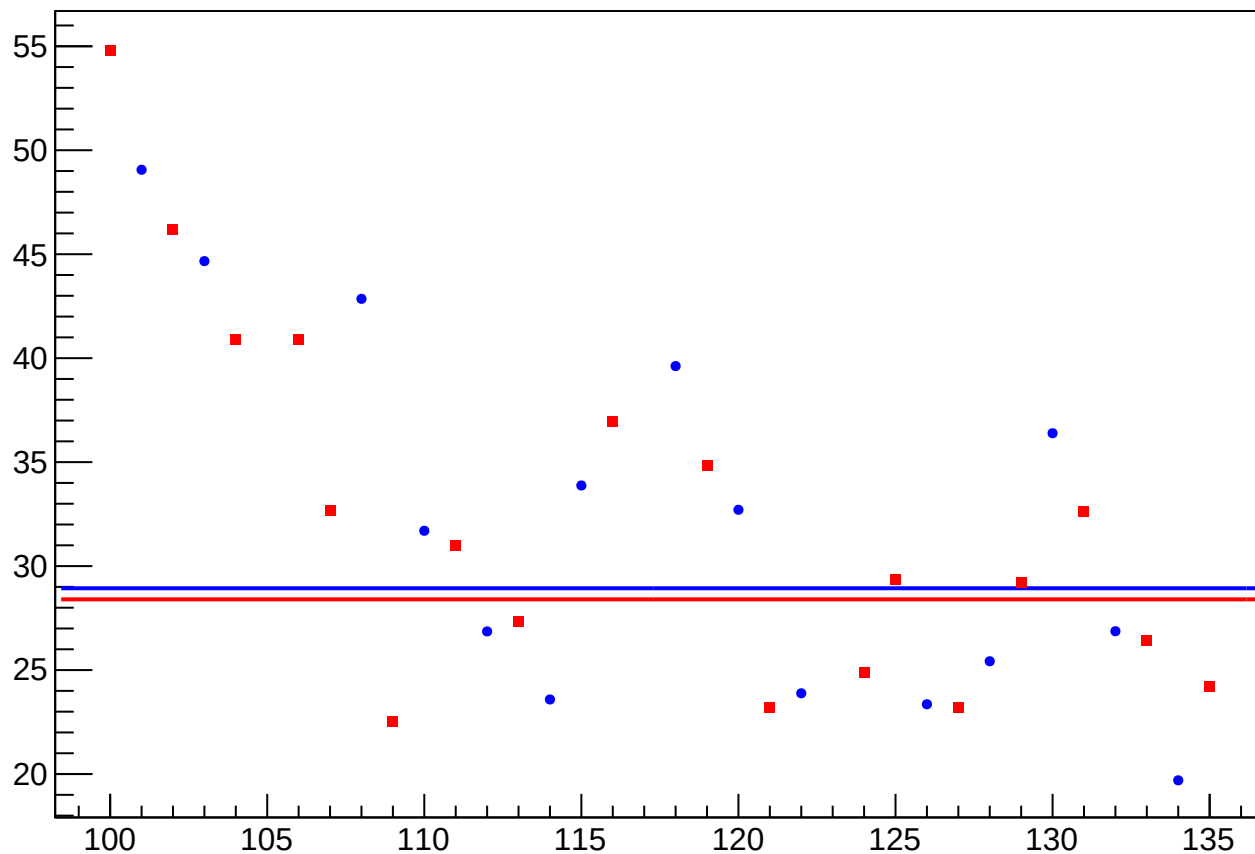
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.008 χ^2 /NDF: 30.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.400+/-0.008 χ^2/NDF : 666740.7/17

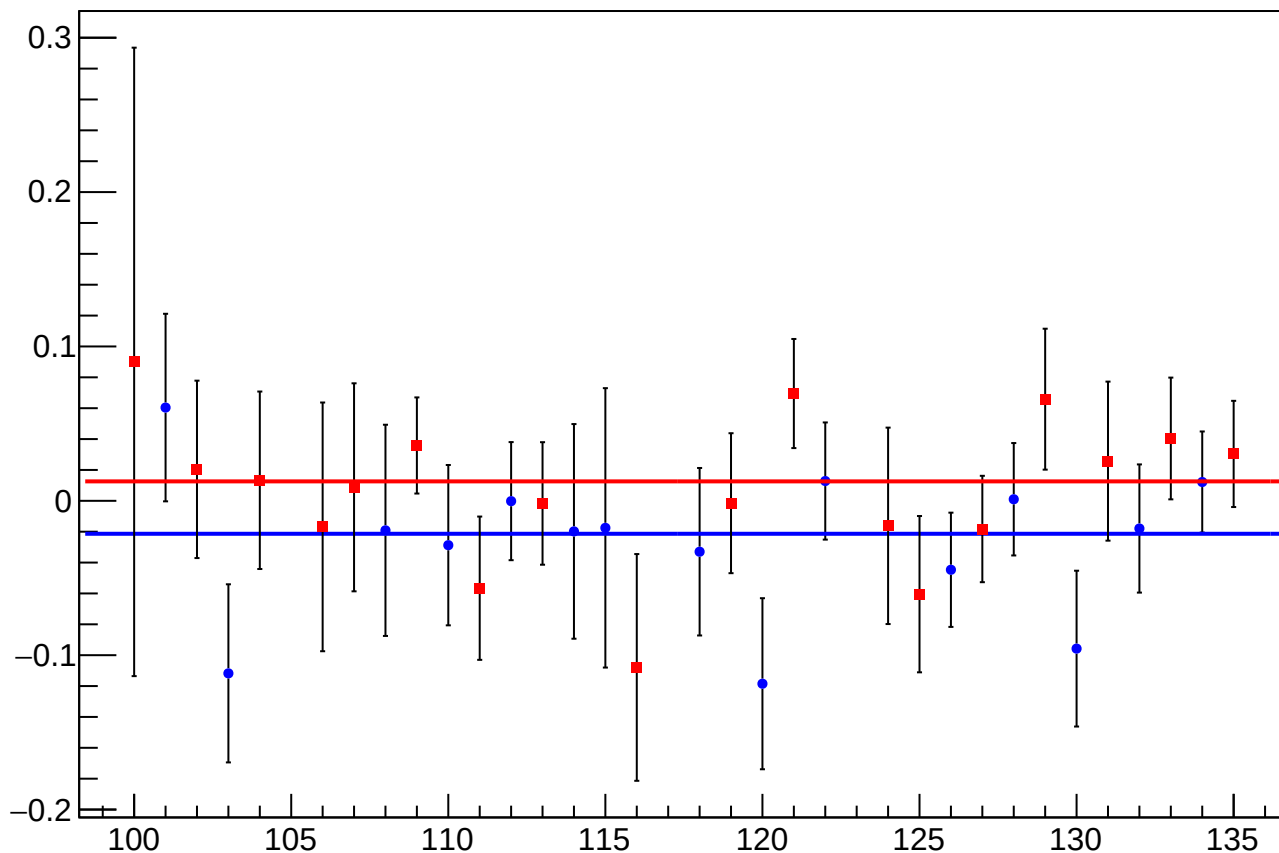
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.641+/-0.006 χ^2/NDF : 1543371.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.021 $\pm$ 0.012 χ^2 /NDF: 12.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.013 $\pm$ 0.011 χ^2 /NDF: 13.9/17

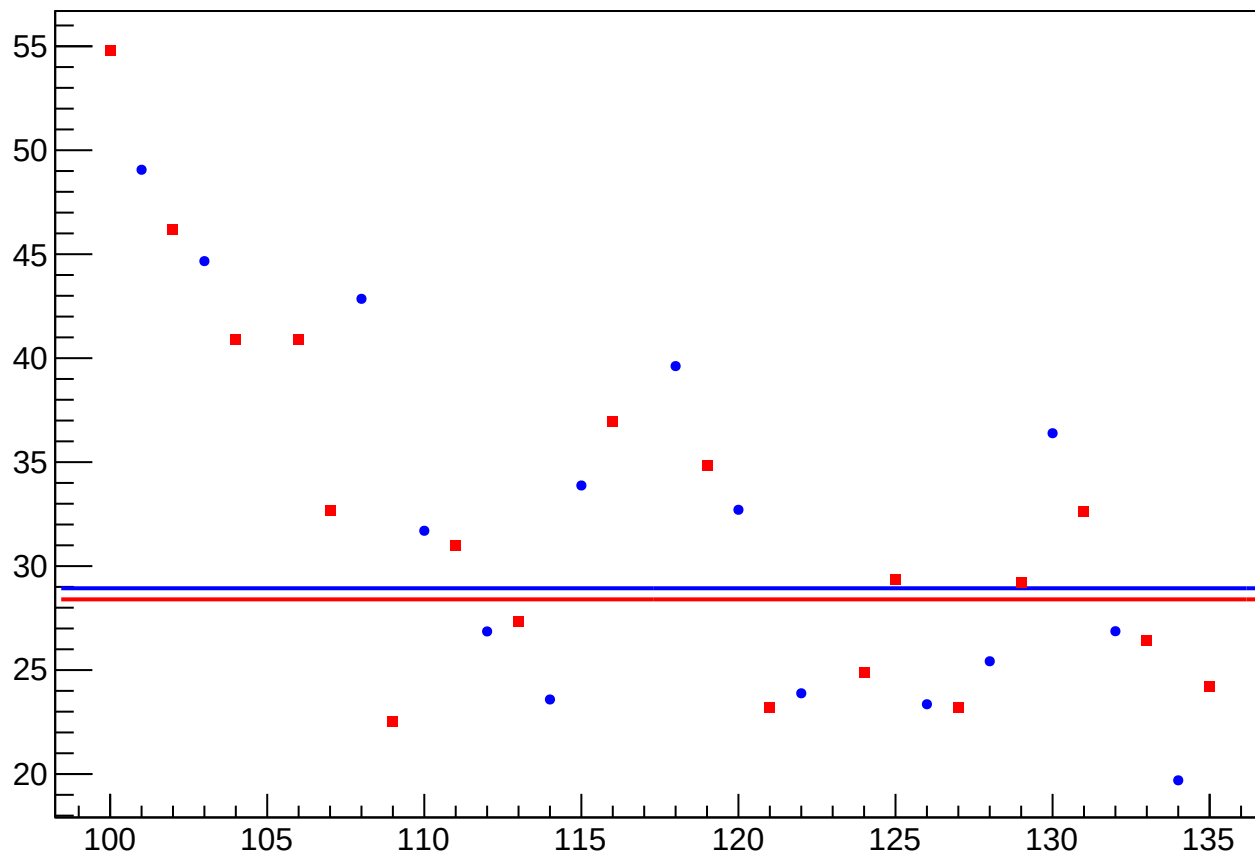
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.003 $\pm$ 0.008 χ^2 /NDF: 30.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 28.934+/-0.009 χ^2/NDF : 874463.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 28.400+/-0.008 χ^2/NDF : 666740.7/17

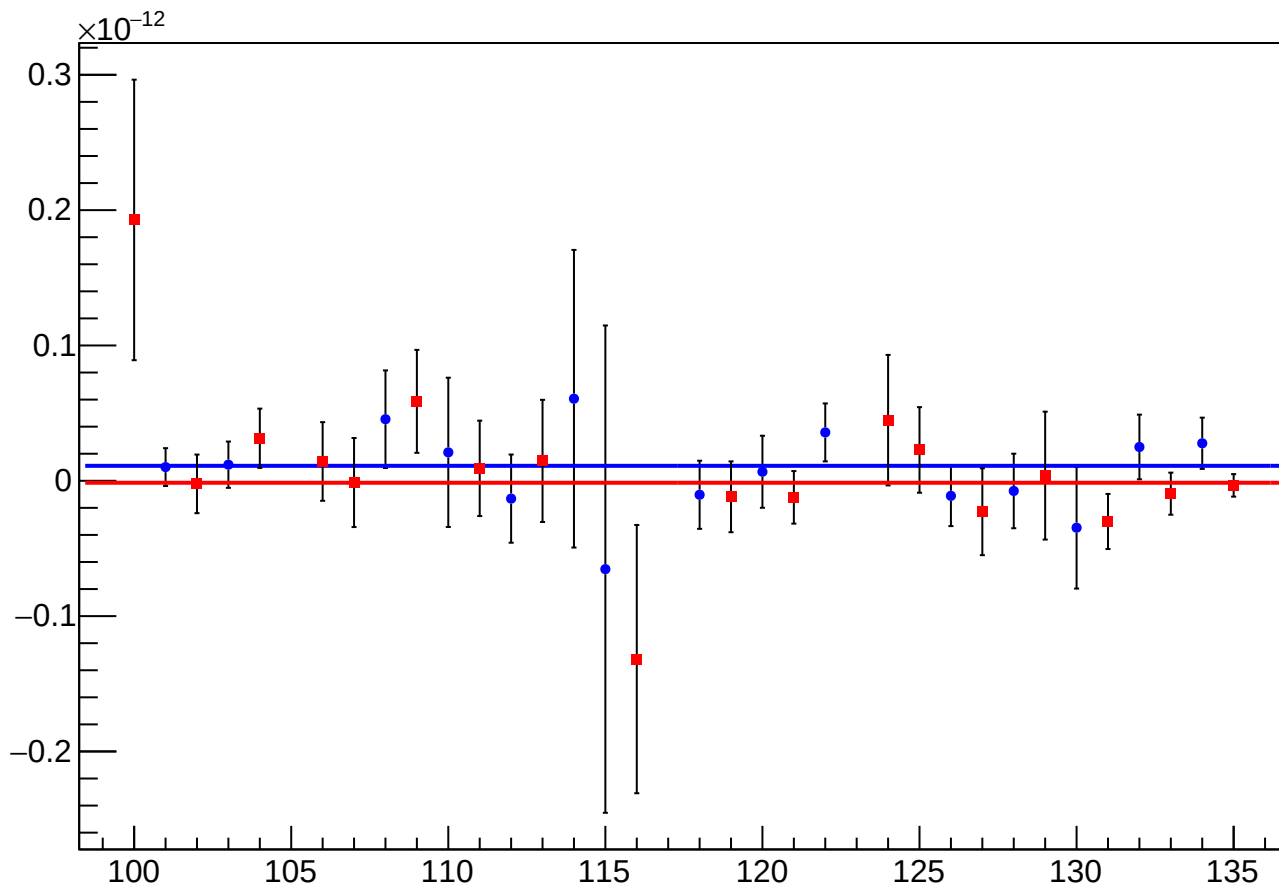
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 28.641+/-0.006 χ^2/NDF : 1543371.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/17

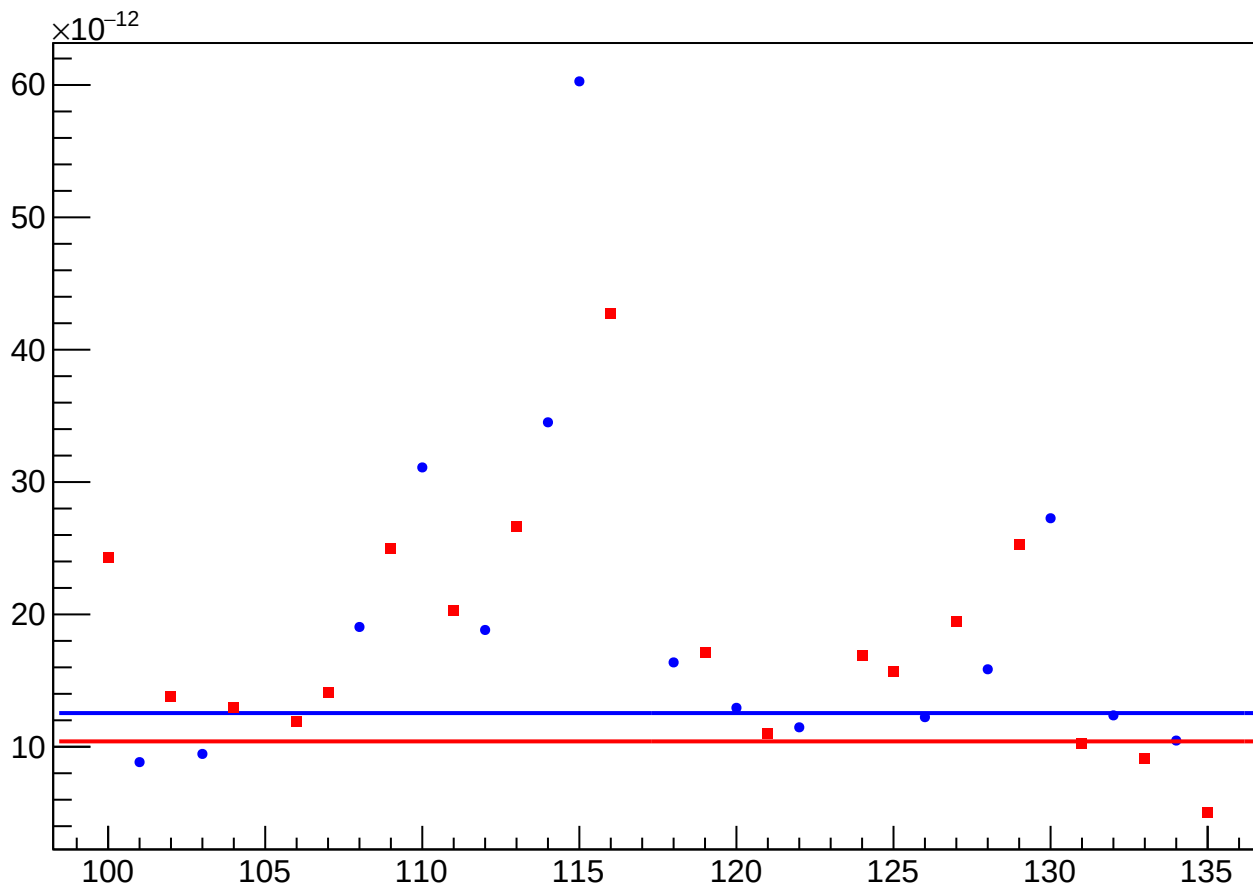
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1111149.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2506296.9/17

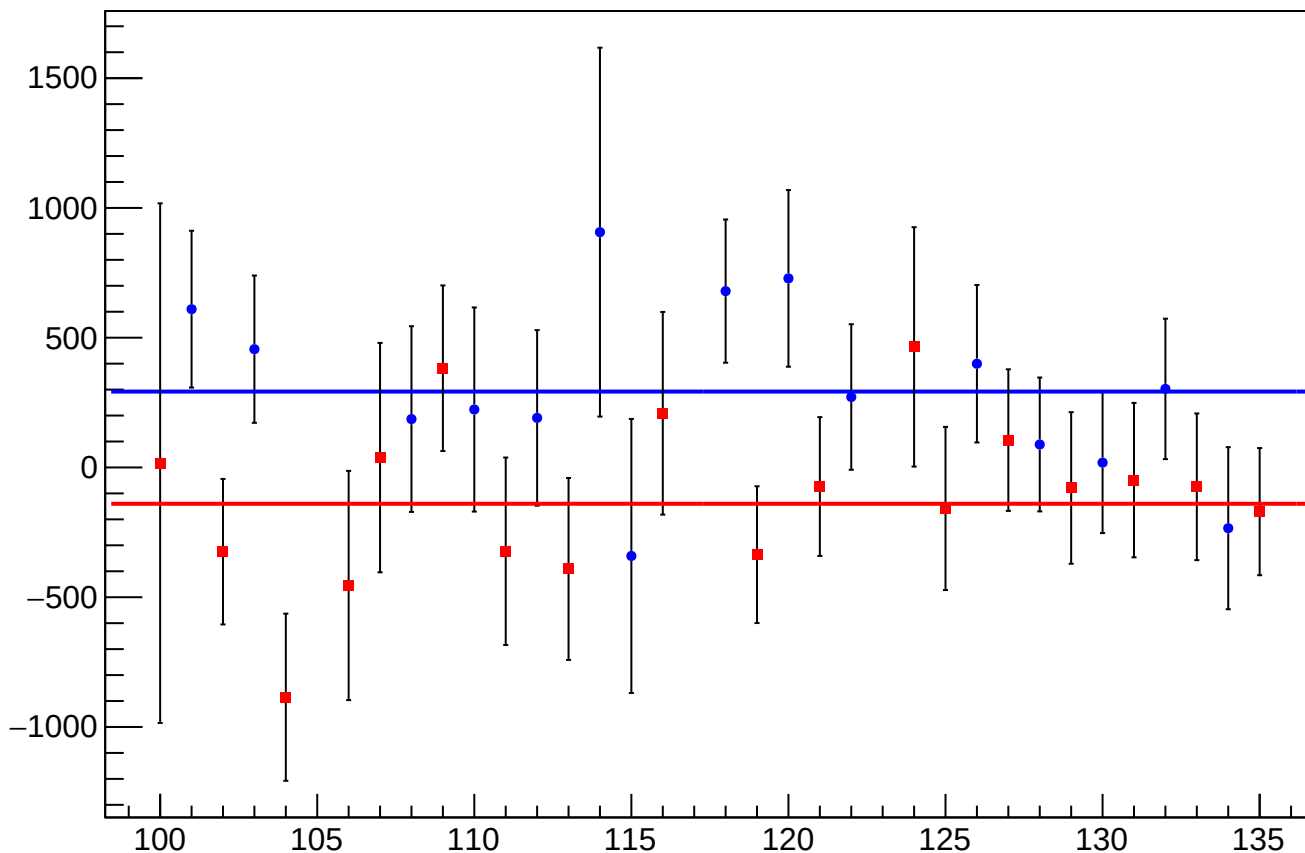
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3750561.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_mean vs Slug



Right In: 292.439 $\pm$ 81.699 χ^2 /NDF: 12.1/14

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

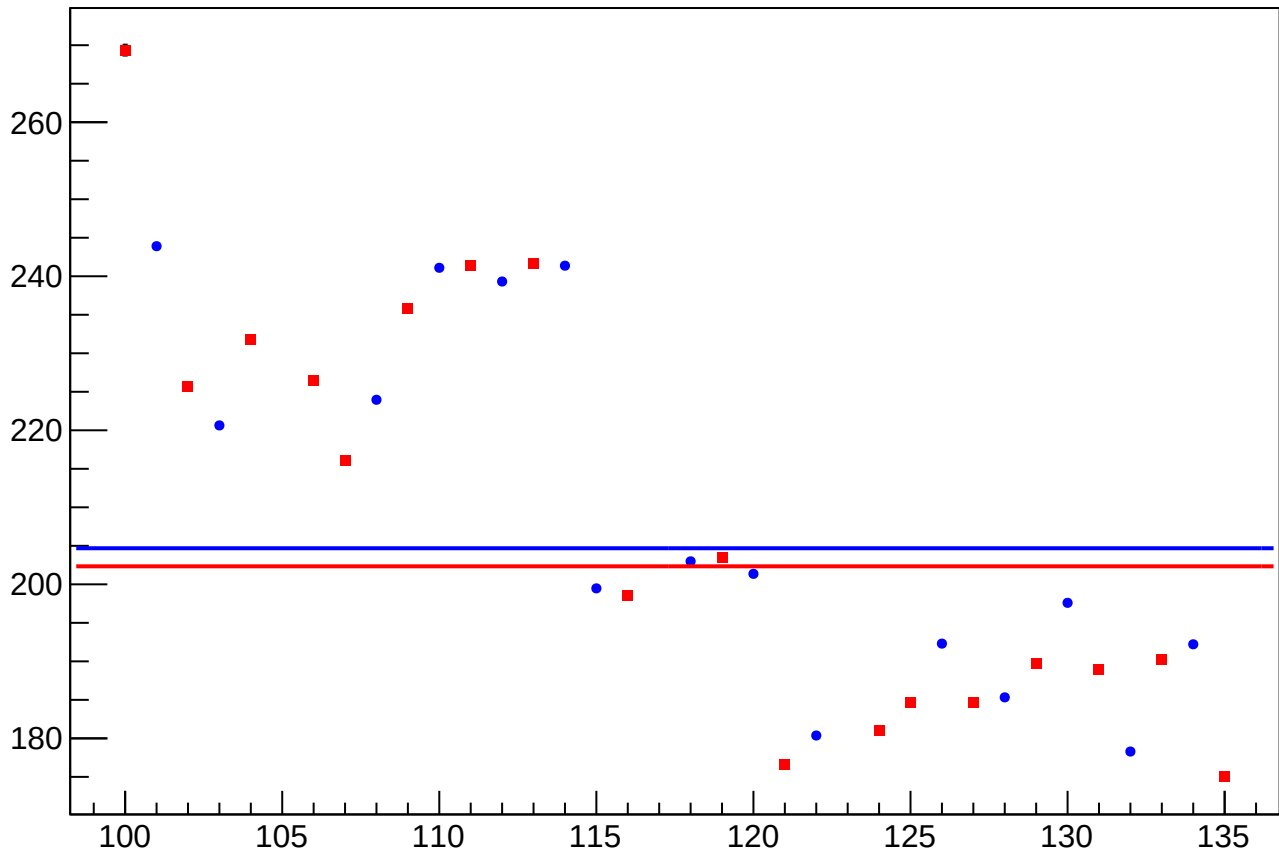
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.718 $\pm$ 55.515 χ^2 /NDF: 41.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_rms vs Slug



Right In: 204.685 $\pm$ 0.058 χ^2 /NDF: 142946.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.339 $\pm$ 0.054 χ^2 /NDF: 192038.9/17

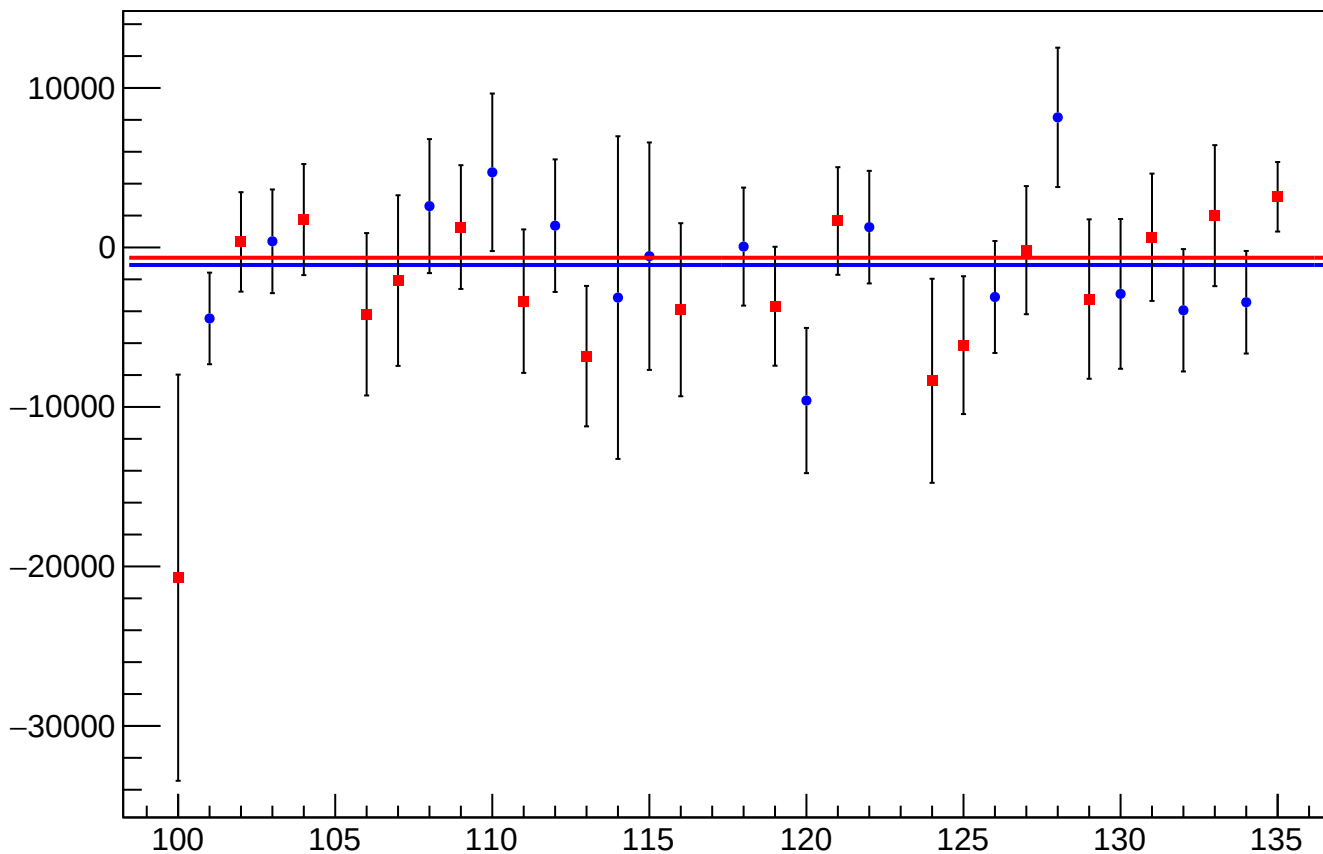
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 203.422 $\pm$ 0.039 χ^2 /NDF: 335873.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_mean vs Slug



Right In: -1098.394+/-1028.142 χ^2 /NDF: 14.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -644.972+/-940.541 χ^2 /NDF: 14.6/17

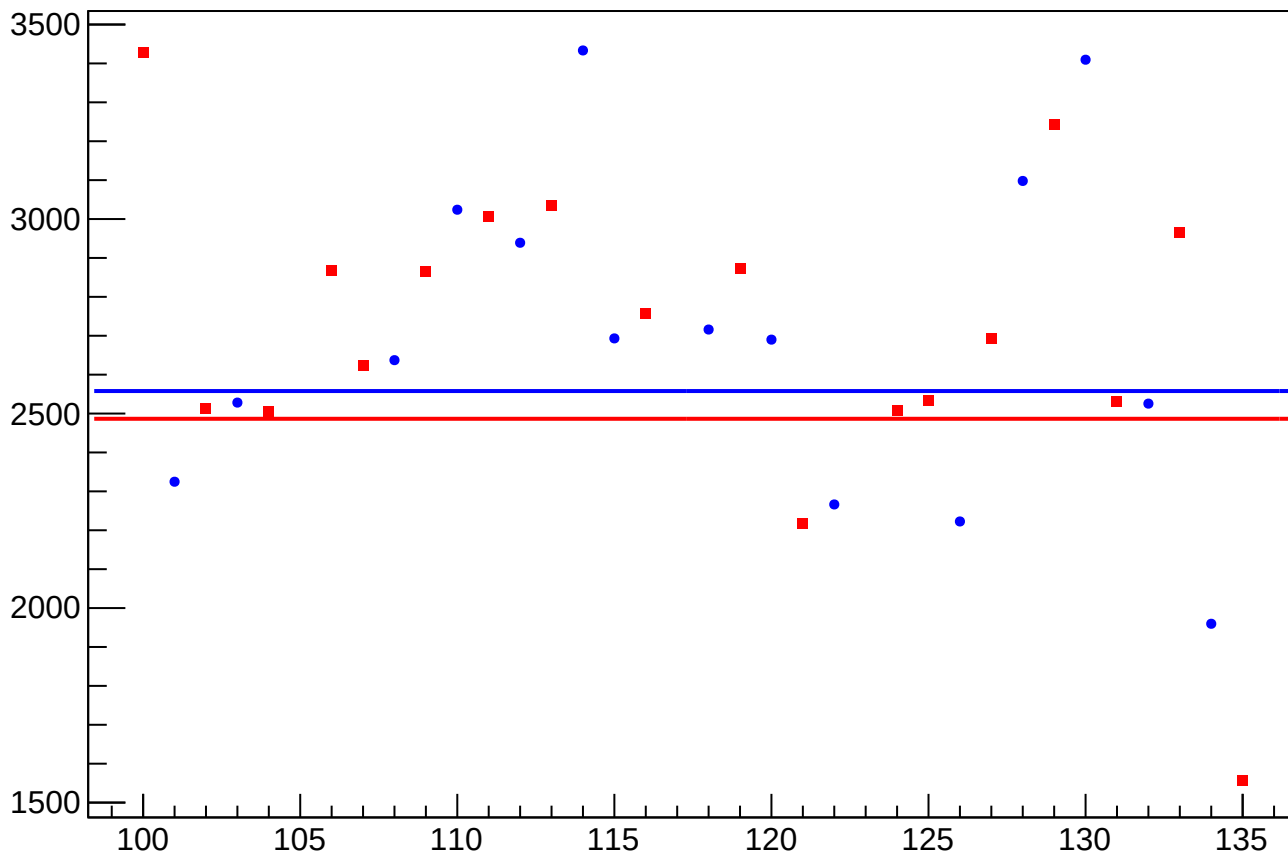
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -851.547+/-693.969 χ^2 /NDF: 28.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_correction_rms vs Slug



Right In: 2557.868+/-0.727 χ^2/NDF : 267317.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2486.565+/-0.665 χ^2/NDF : 577569.4/17

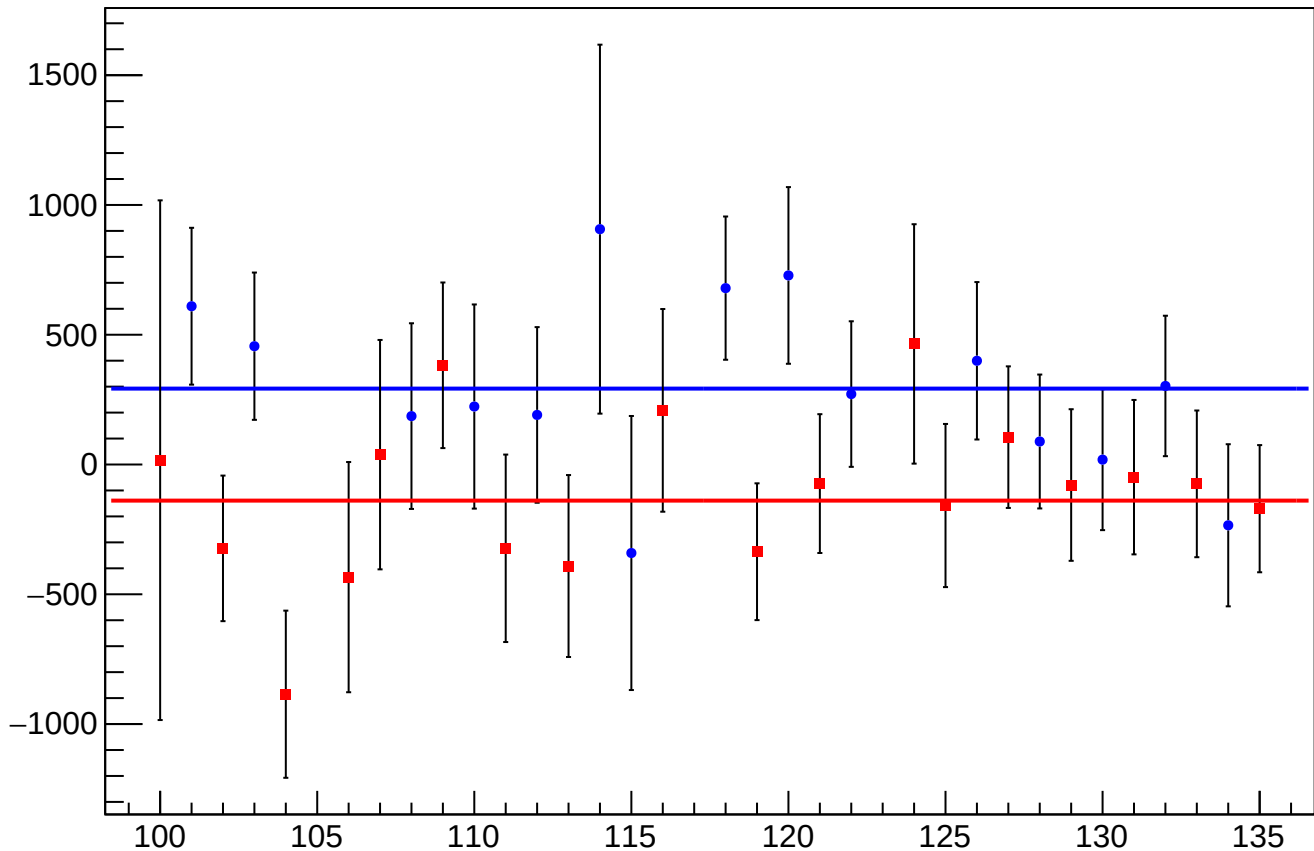
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2519.050+/-0.491 χ^2/NDF : 850123.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_dd_mean vs Slug



Right In: 292.448 $\pm$ 81.699 χ^2 /NDF: 12.1/14

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

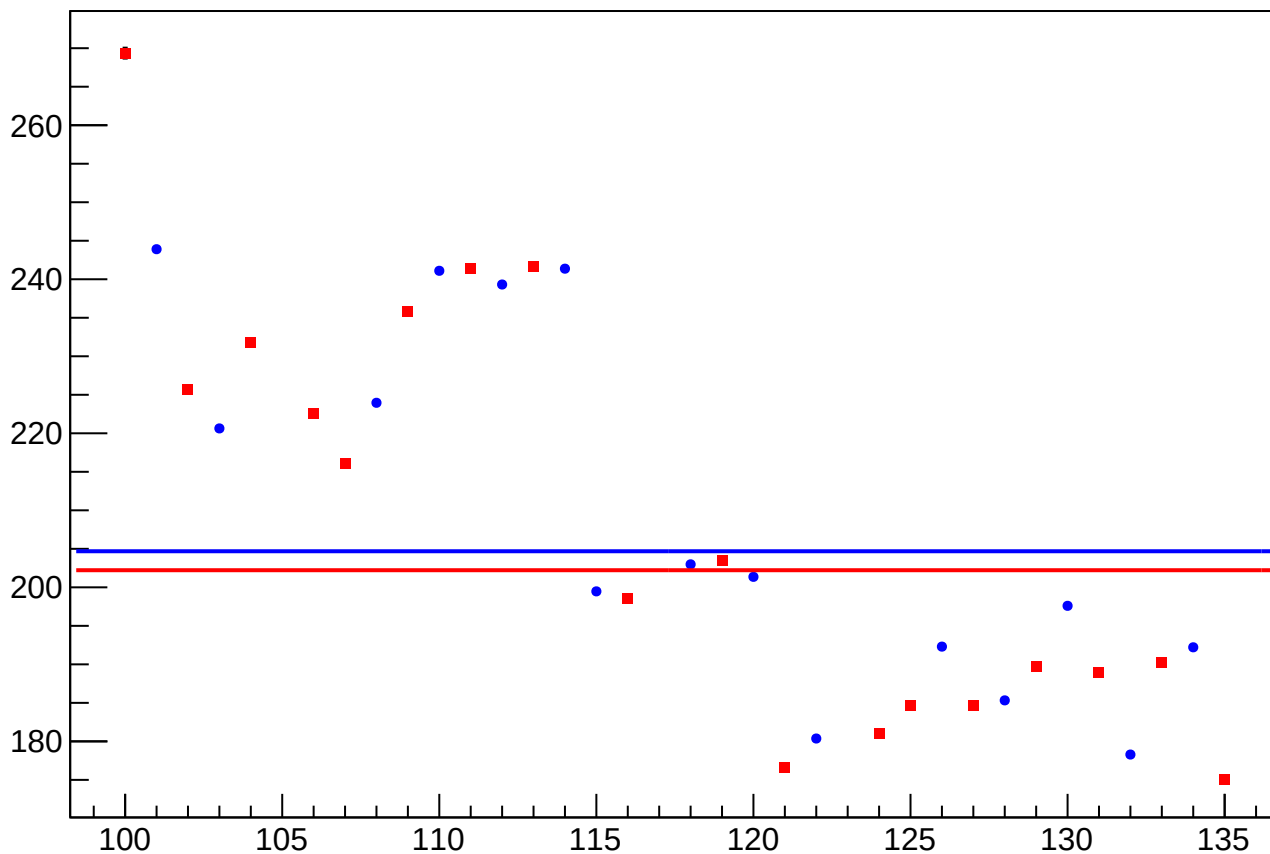
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.186 $\pm$ 55.519 χ^2 /NDF: 41.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_dd_rms vs Slug



Right In: 204.685 $\pm$ 0.058 χ^2 /NDF: 142947.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.223 $\pm$ 0.054 χ^2 /NDF: 190282.2/17

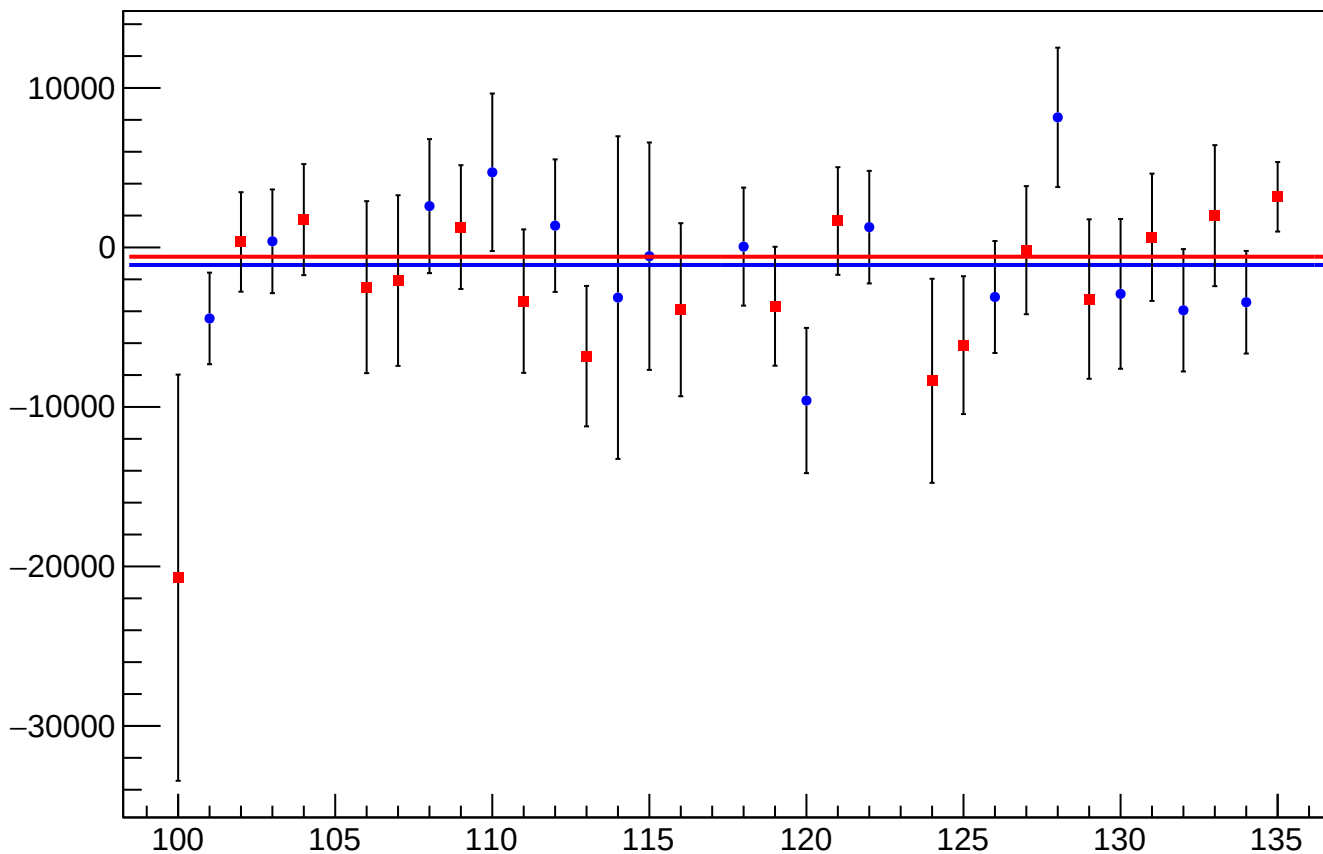
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 203.360 $\pm$ 0.039 χ^2 /NDF: 334207.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_mean vs Slug



Right In: -1098.324+/-1028.144 χ^2 /NDF: 14.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -580.138+/-942.322 χ^2 /NDF: 14.2/17

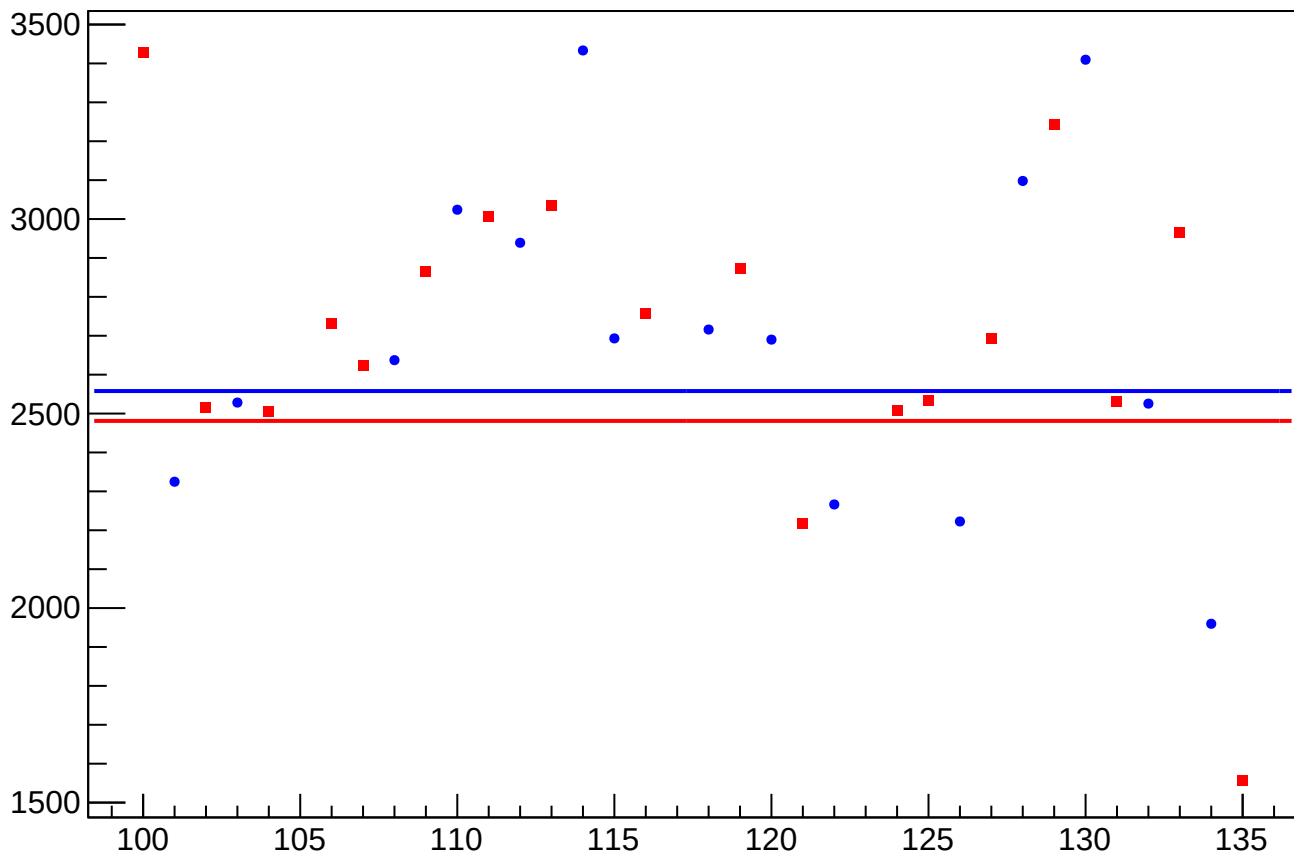
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -816.704+/-694.685 χ^2 /NDF: 28.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_cor_correction_rms vs Slug



Right In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2481.070+/-0.666 χ^2/NDF : 570445.5/17

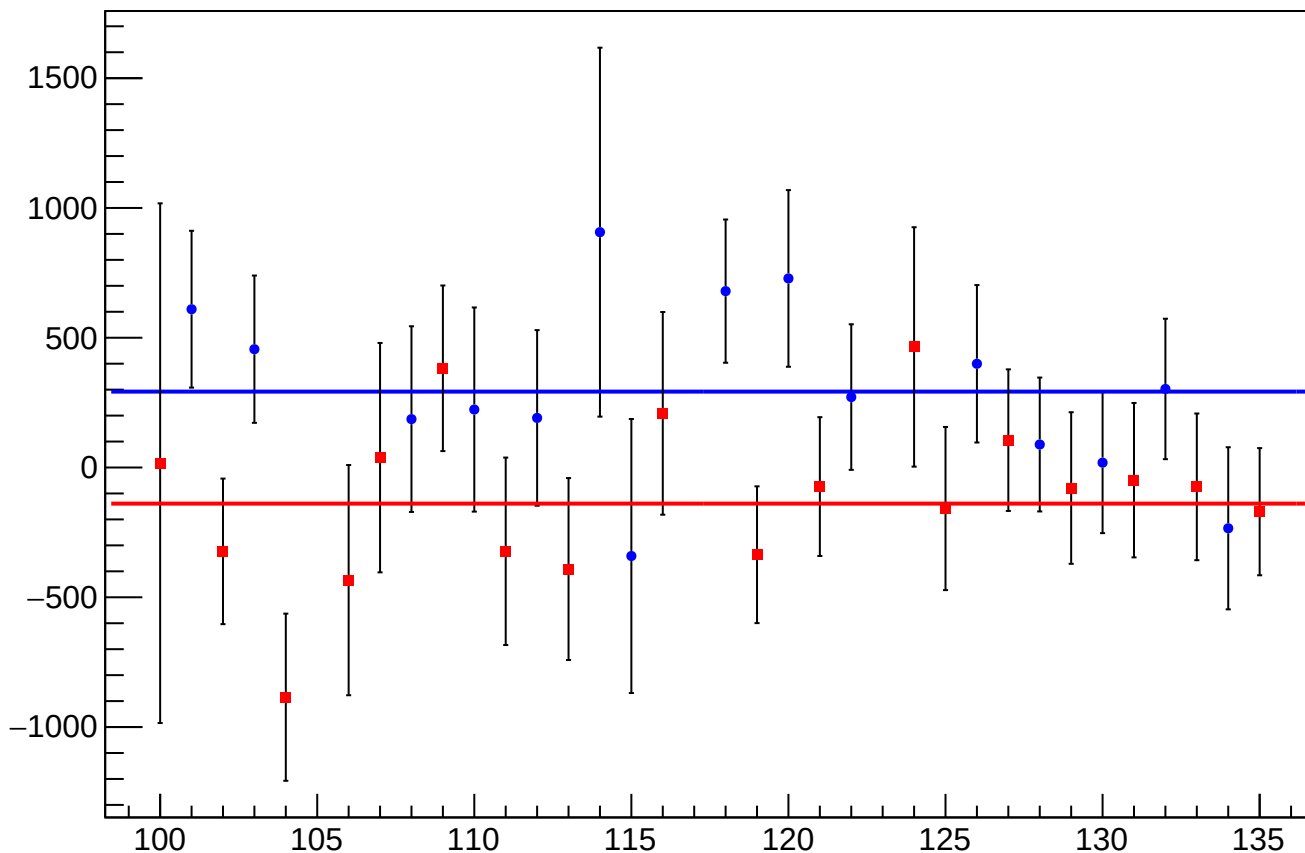
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2516.133+/-0.491 χ^2/NDF : 843826.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_dd_mean vs Slug



Right In: 292.448 $\pm$ 81.699 χ^2 /NDF: 12.1/14

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

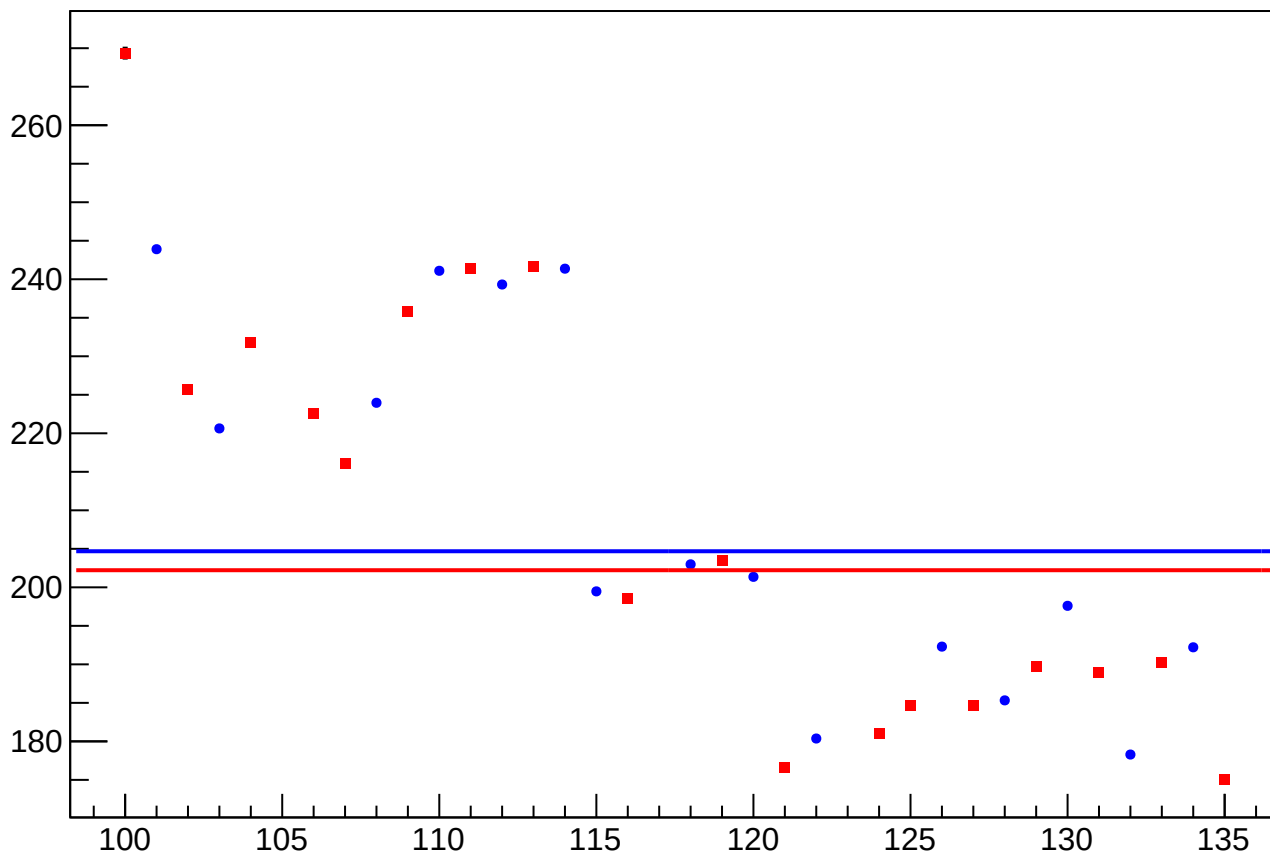
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.186 $\pm$ 55.519 χ^2 /NDF: 41.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_dd_rms vs Slug



Right In: 204.685 $\pm$ 0.058 χ^2 /NDF: 142947.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 202.223 $\pm$ 0.054 χ^2 /NDF: 190282.2/17

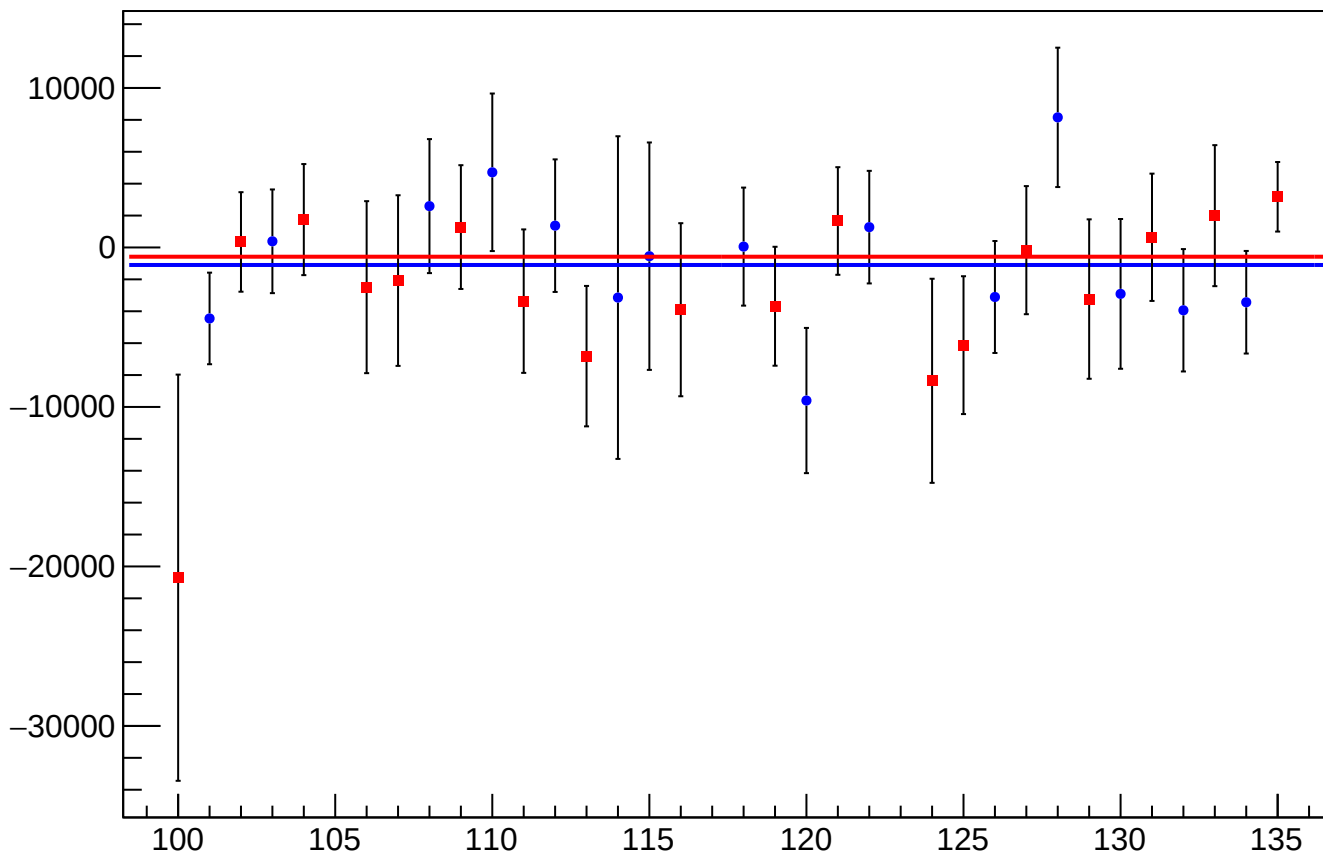
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 203.360 $\pm$ 0.039 χ^2 /NDF: 334207.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_mean vs Slug



Right In: -1098.324+/-1028.144 χ^2 /NDF: 14.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -580.138+/-942.322 χ^2 /NDF: 14.2/17

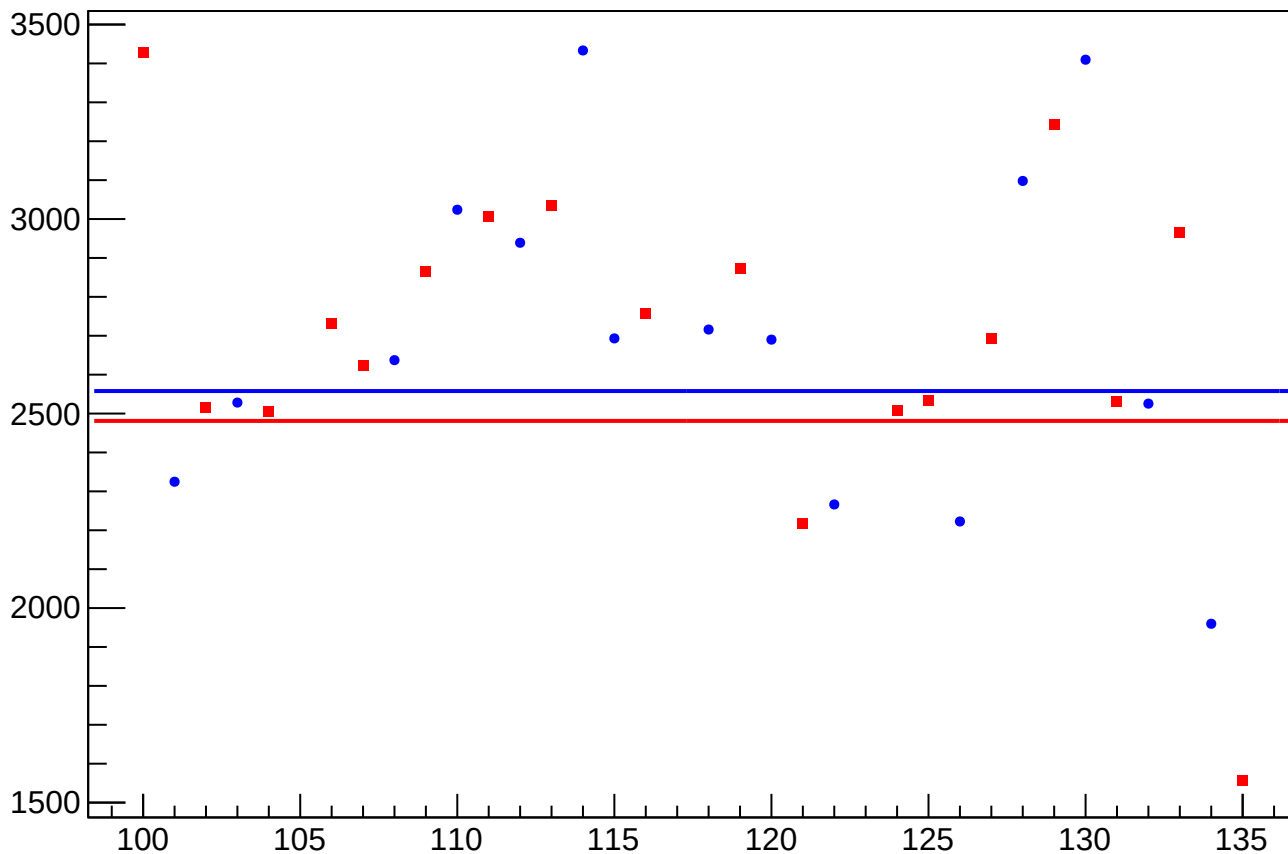
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -816.704+/-694.685 χ^2 /NDF: 28.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_correction_rms vs Slug



Right In: 2557.875+/-0.727 χ^2/NDF : 267315.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

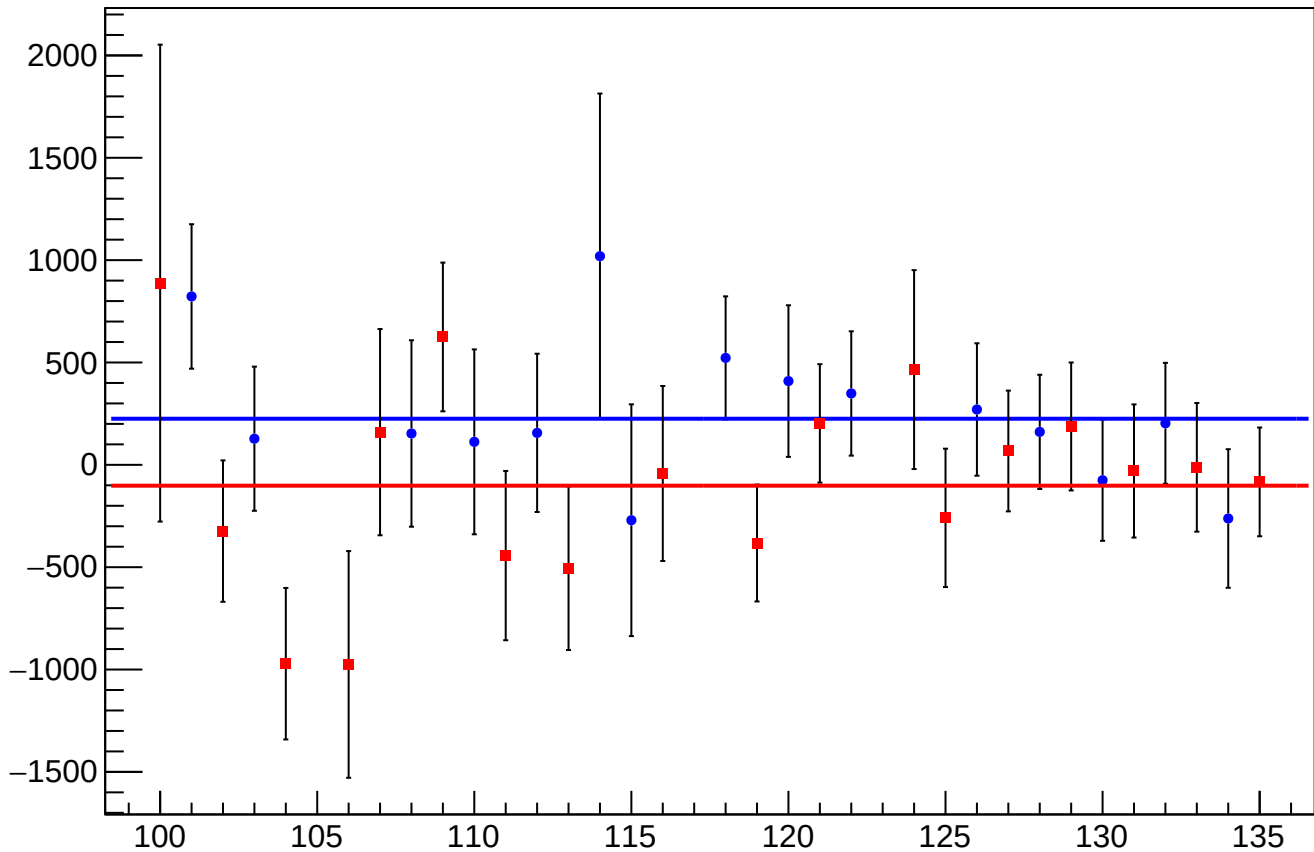
Right Out: 2481.070+/-0.666 χ^2/NDF : 570445.5/17

All: 2516.133+/-0.491 χ^2/NDF : 843826.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_26_dd_mean vs Slug



Right In: 225.252 $\pm$ 91.128 χ^2 /NDF: 9.4/14

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

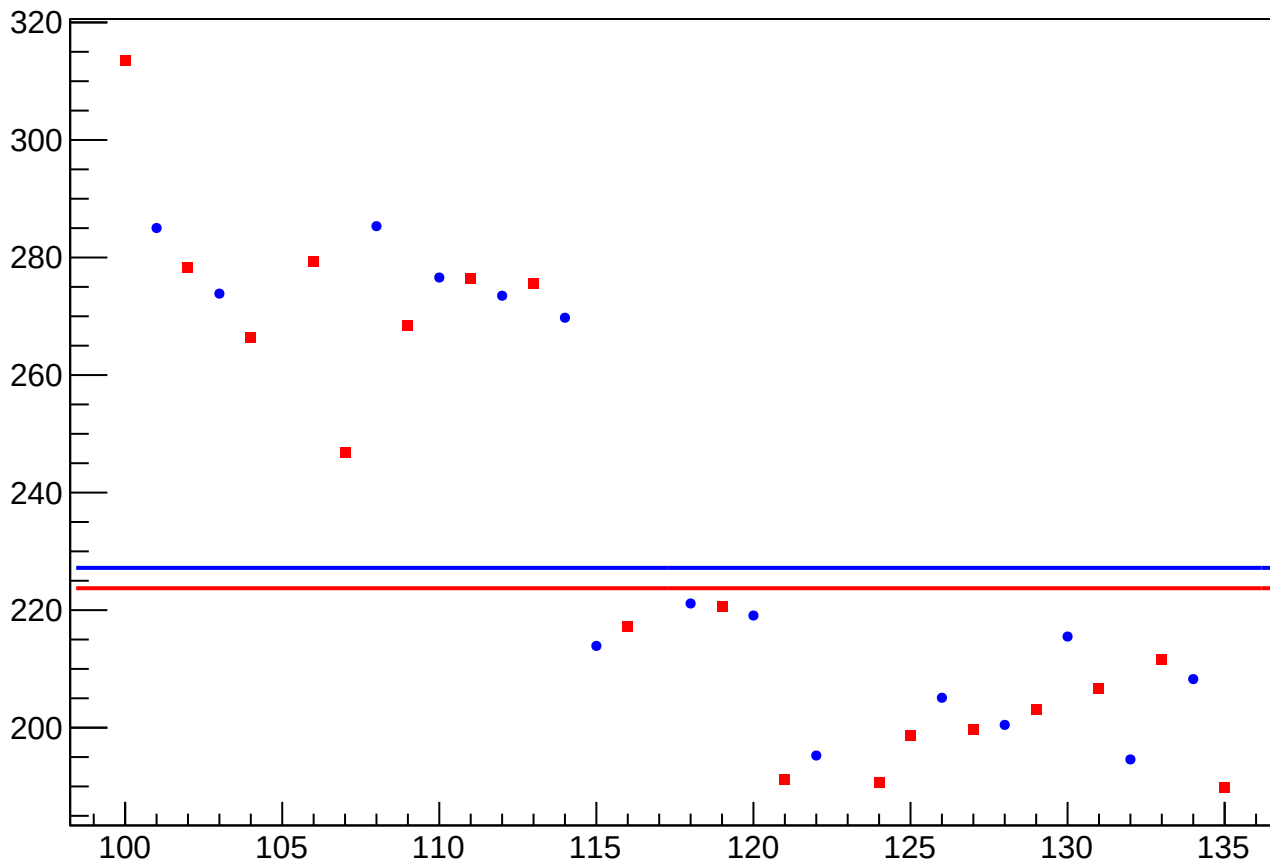
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.575 $\pm$ 61.795 χ^2 /NDF: 36.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_dd_rms vs Slug



Right In: 227.193 $\pm$ 0.064 χ^2 /NDF: 266195.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 223.730 $\pm$ 0.059 χ^2 /NDF: 318699.5/17

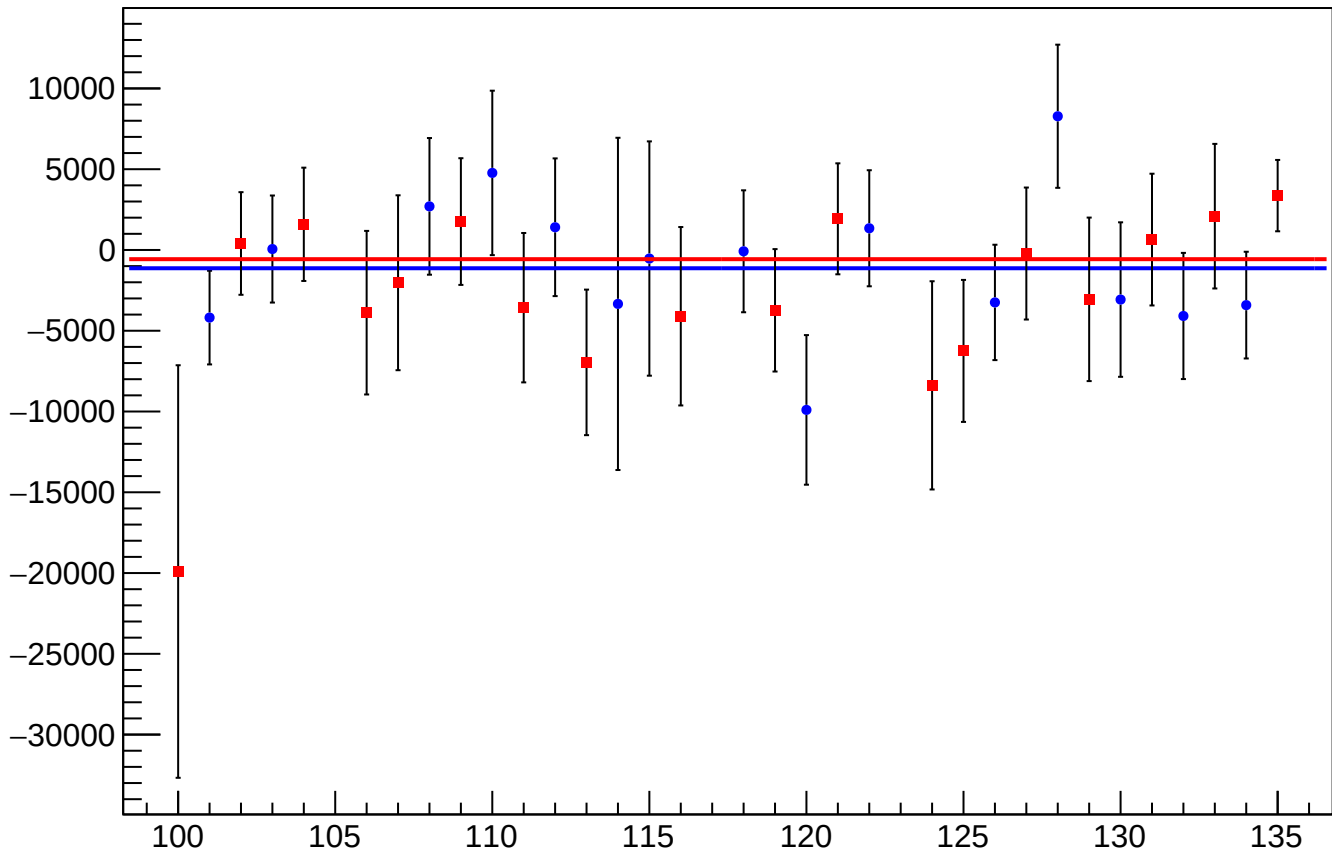
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.322 $\pm$ 0.044 χ^2 /NDF: 586455.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_mean vs Slug



Right In: -1131.639 $\pm$ 1046.820 χ^2 /NDF: 14.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -569.489 $\pm$ 954.435 χ^2 /NDF: 14.7/17

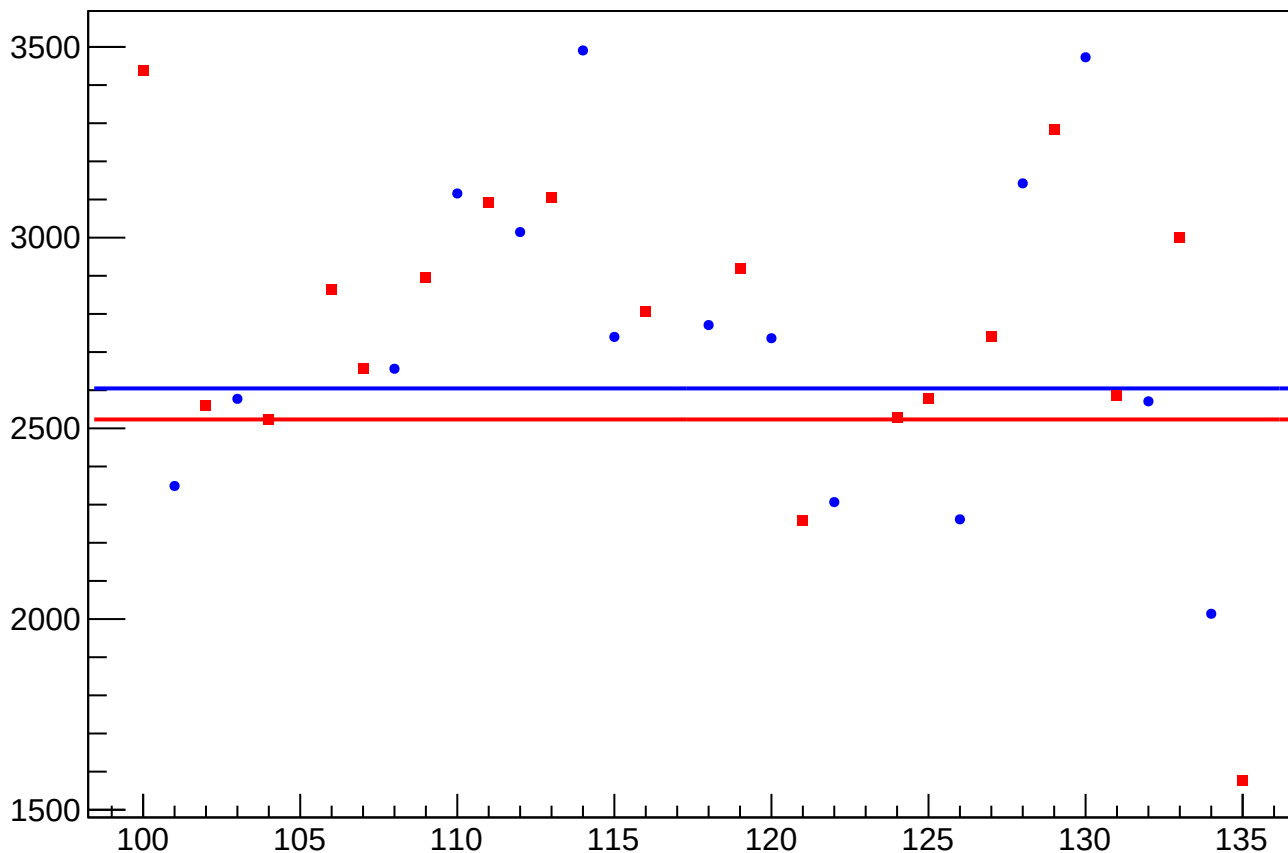
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -824.668 $\pm$ 705.291 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_correction_rms vs Slug



Right In: 2604.714 $\pm$ 0.740 χ^2 /NDF: 267429.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2523.393 $\pm$ 0.675 χ^2 /NDF: 582492.1/17

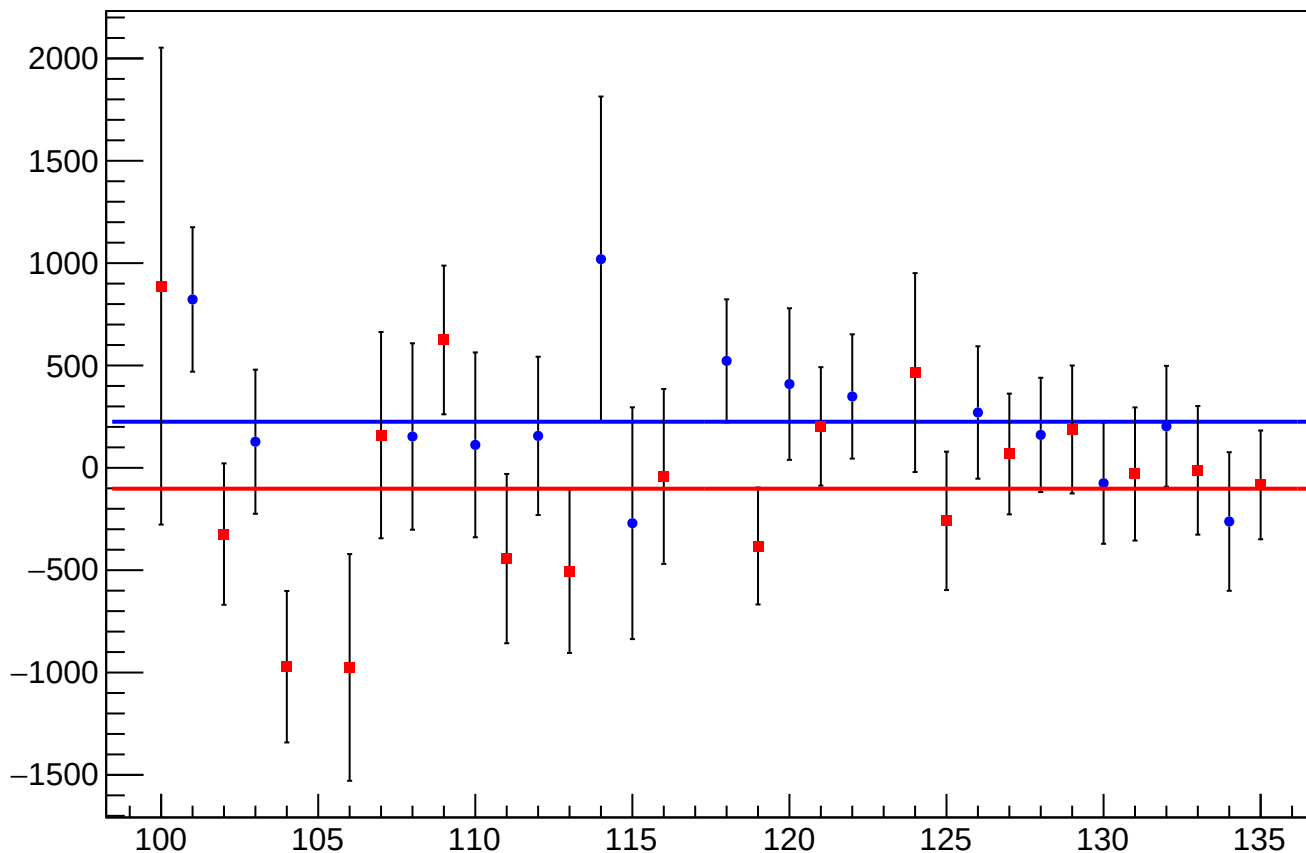
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2560.308 $\pm$ 0.499 χ^2 /NDF: 856512.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_mean vs Slug



Right In: 225.251 $\pm$ 91.127 χ^2 /NDF: 9.4/14

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

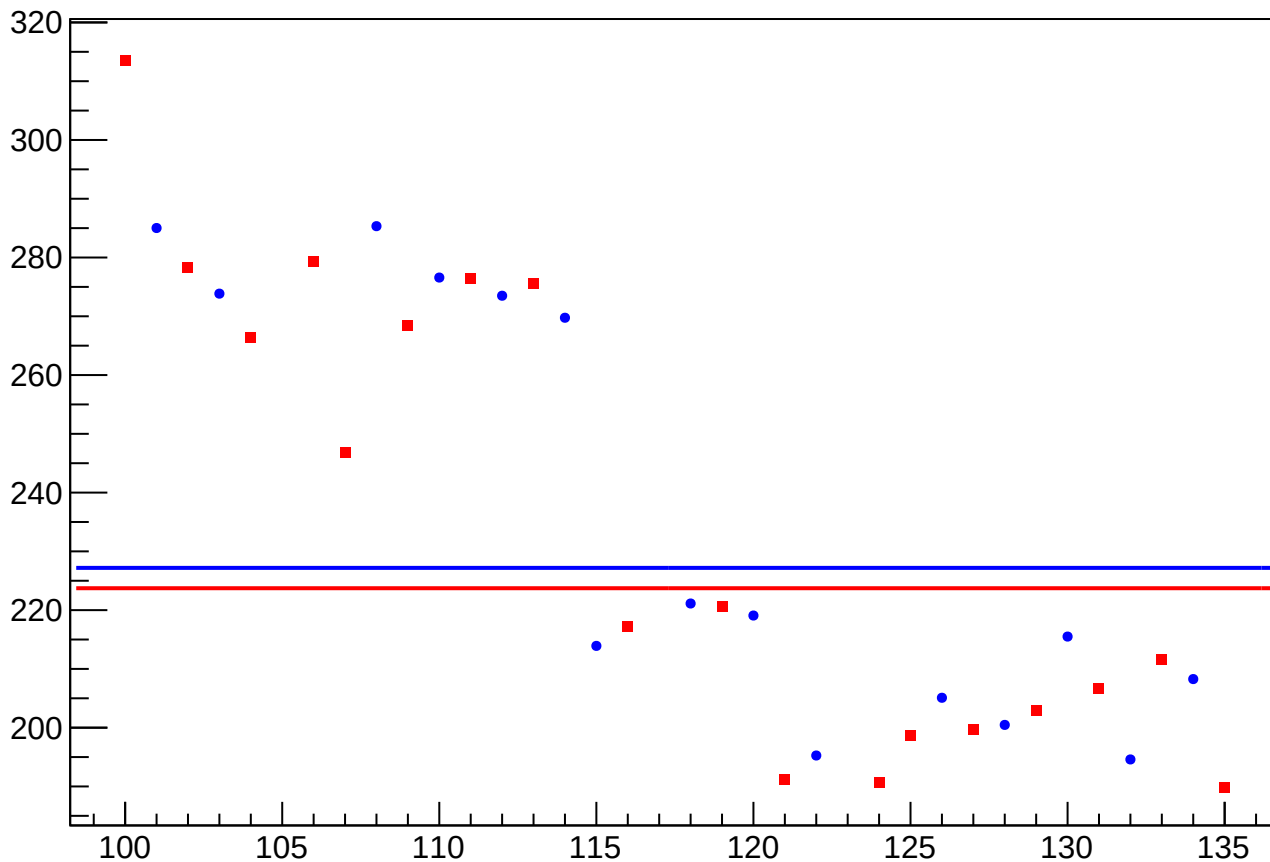
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.577 $\pm$ 61.795 χ^2 /NDF: 36.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_dd_rms vs Slug



Right In: 227.192 $\pm$ 0.064 χ^2 /NDF: 266194.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 223.729 $\pm$ 0.059 χ^2 /NDF: 318692.8/17

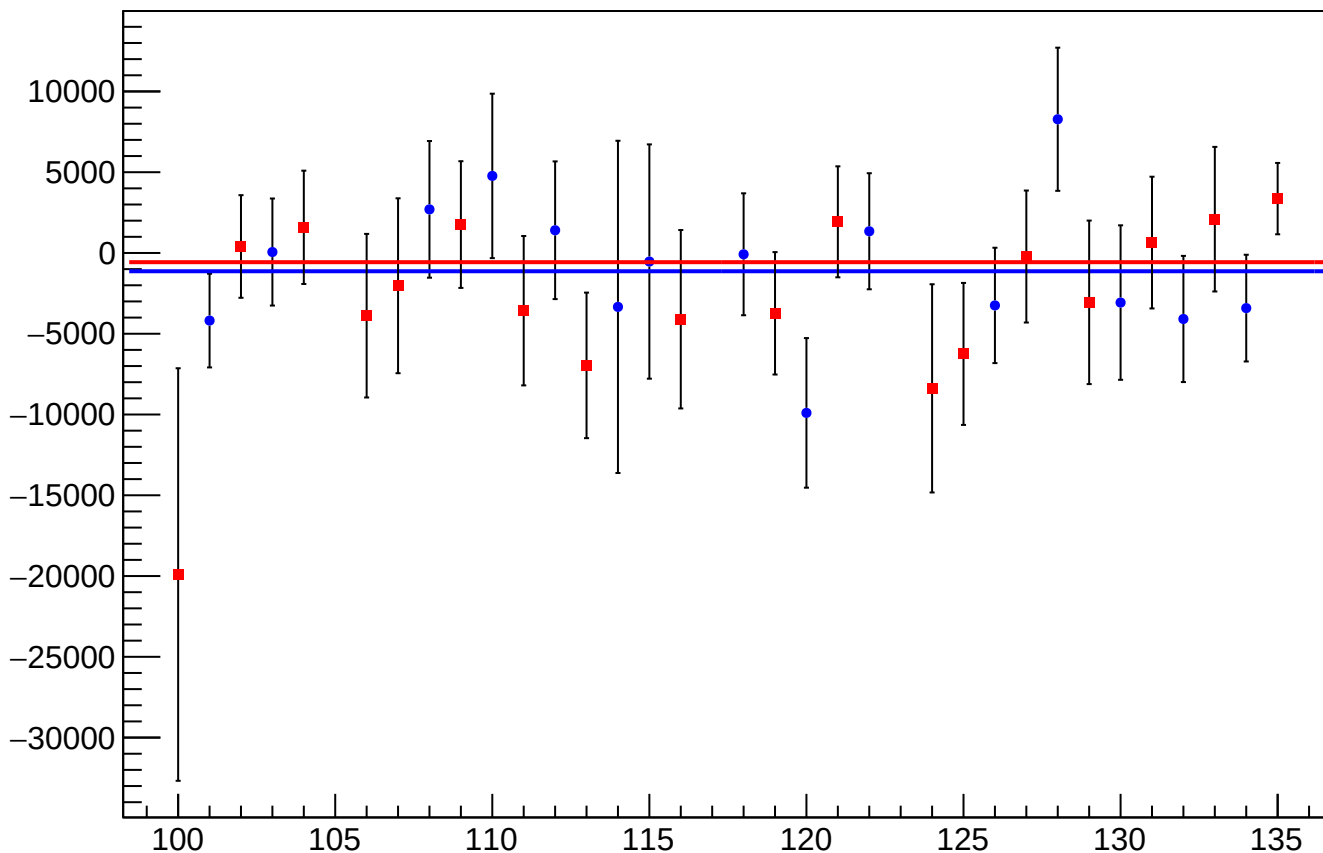
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 225.321 $\pm$ 0.044 χ^2 /NDF: 586447.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_correction_mean vs Slug



Right In: -1131.637 ± 1046.818 χ^2/NDF : 14.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -569.489 ± 954.433 χ^2/NDF : 14.7/17

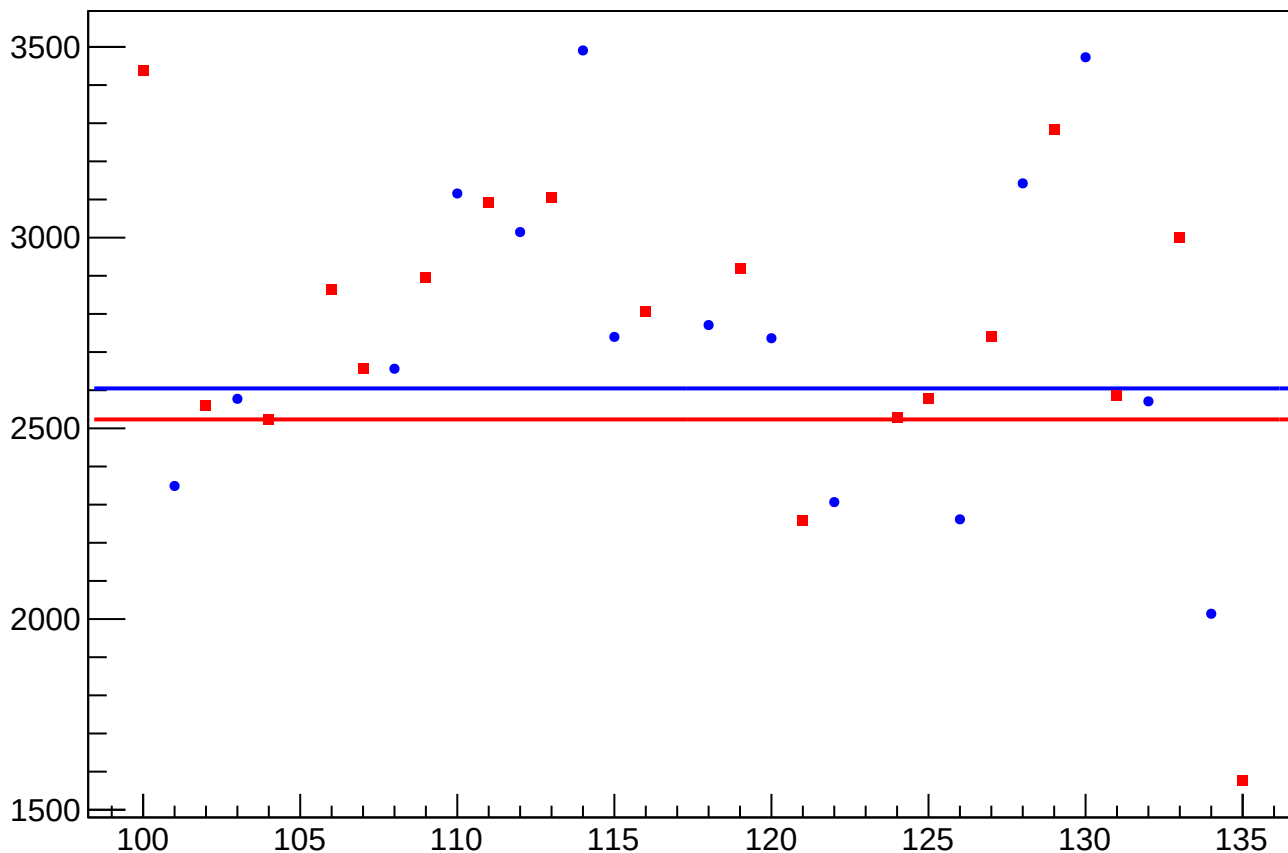
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -824.668 ± 705.290 χ^2/NDF : 28.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_correction_rms vs Slug



Right In: 2604.710+/-0.740 χ^2/NDF : 267423.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

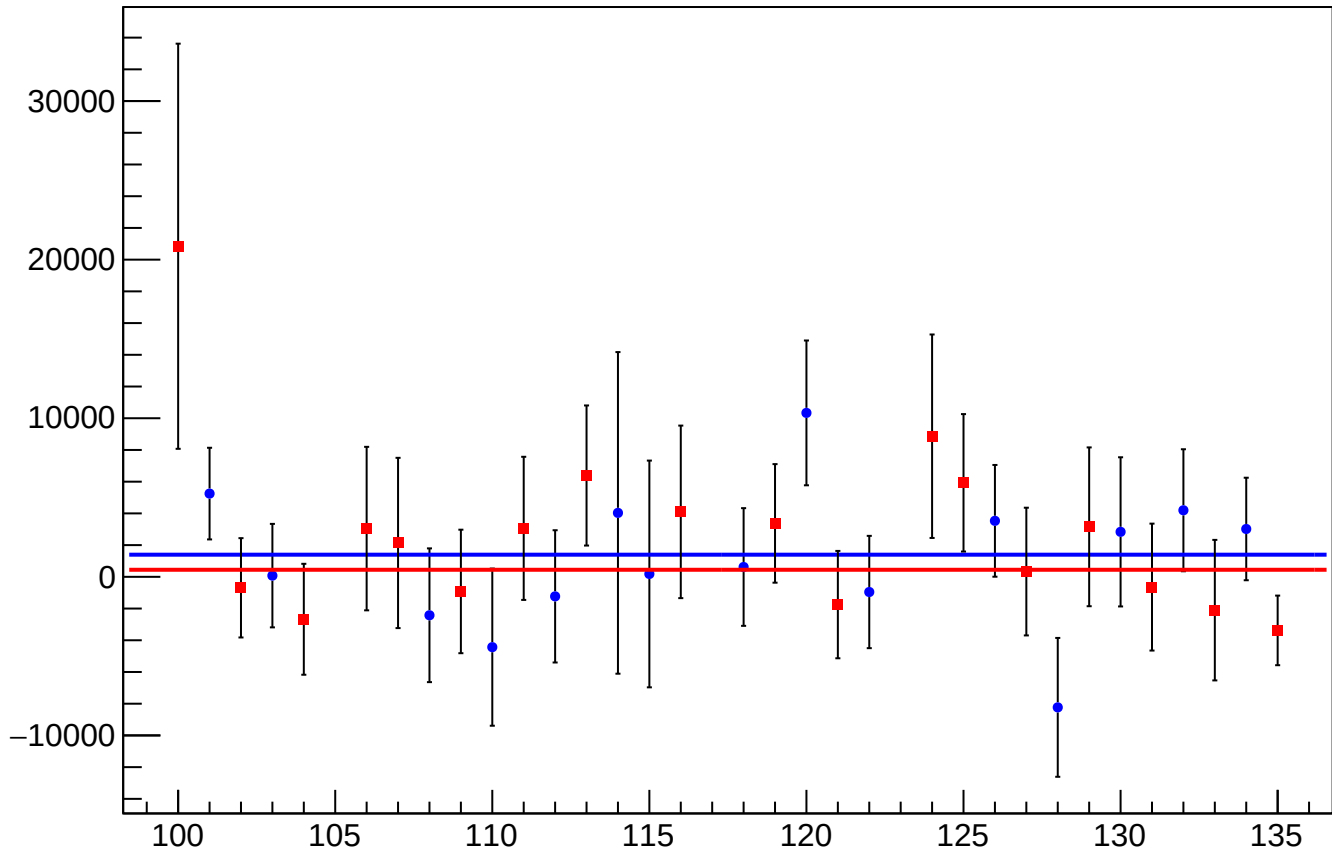
Right Out: 2523.389+/-0.675 χ^2/NDF : 582486.9/17

All: 2560.303+/-0.499 χ^2/NDF : 856500.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_mean vs Slug



Right In: 1396.056+/-1031.936 χ^2/NDF : 15.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 444.979+/-944.340 χ^2/NDF : 14.6/17

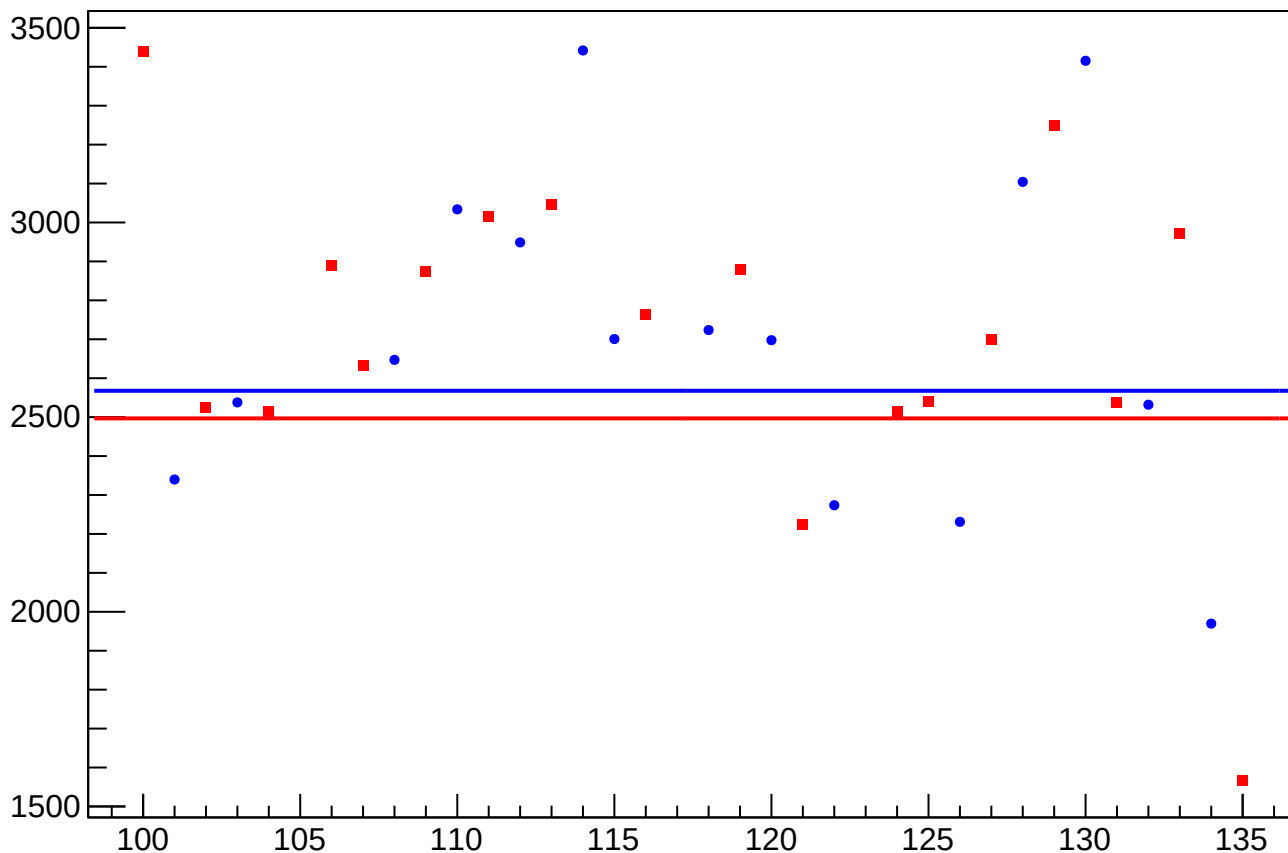
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 878.445+/-696.662 χ^2/NDF : 30.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_rms vs Slug



Right In: 2567.713 ± 0.730 χ^2/NDF : 264135.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

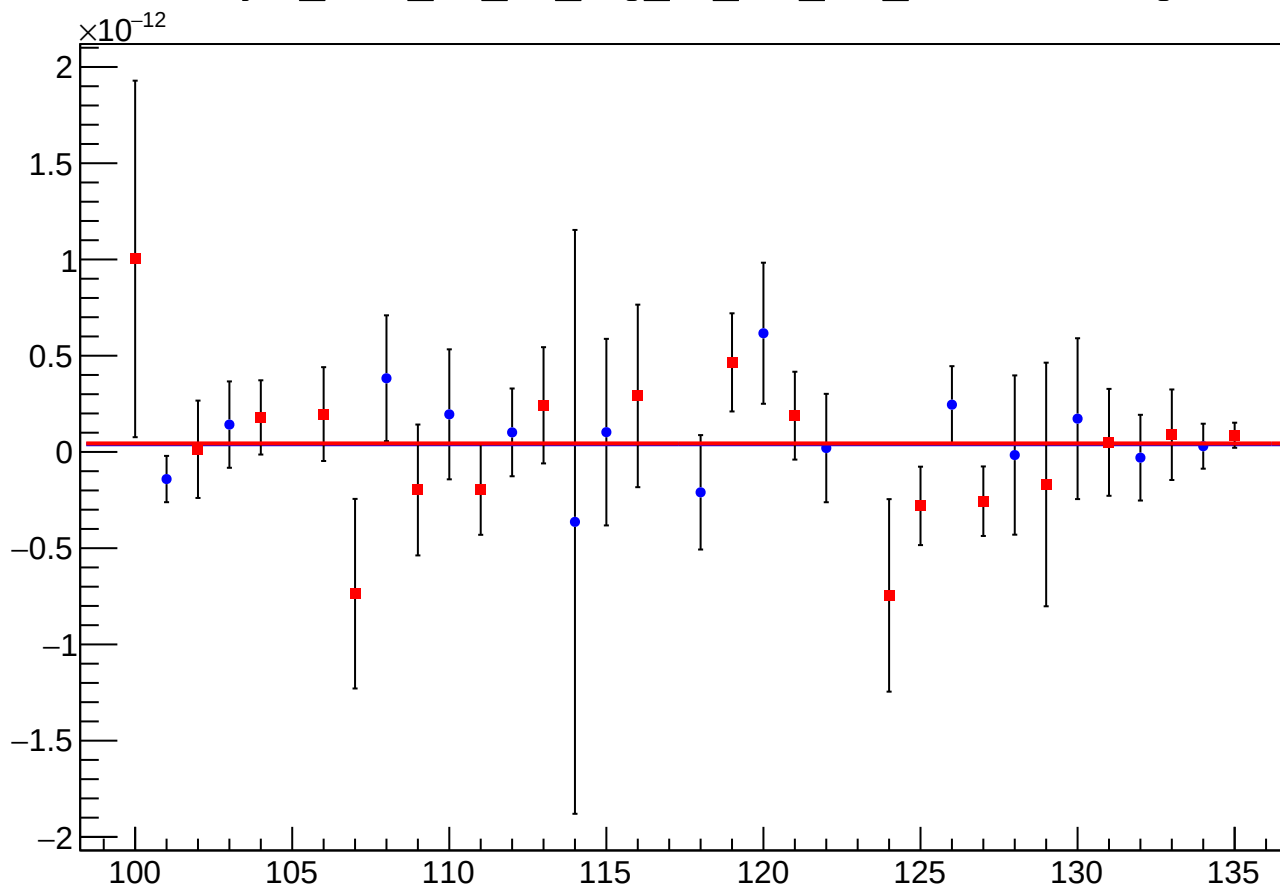
Right Out: 2496.763 ± 0.668 χ^2/NDF : 571263.0/17

All: 2529.099 ± 0.493 χ^2/NDF : 840543.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 8.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.2/17

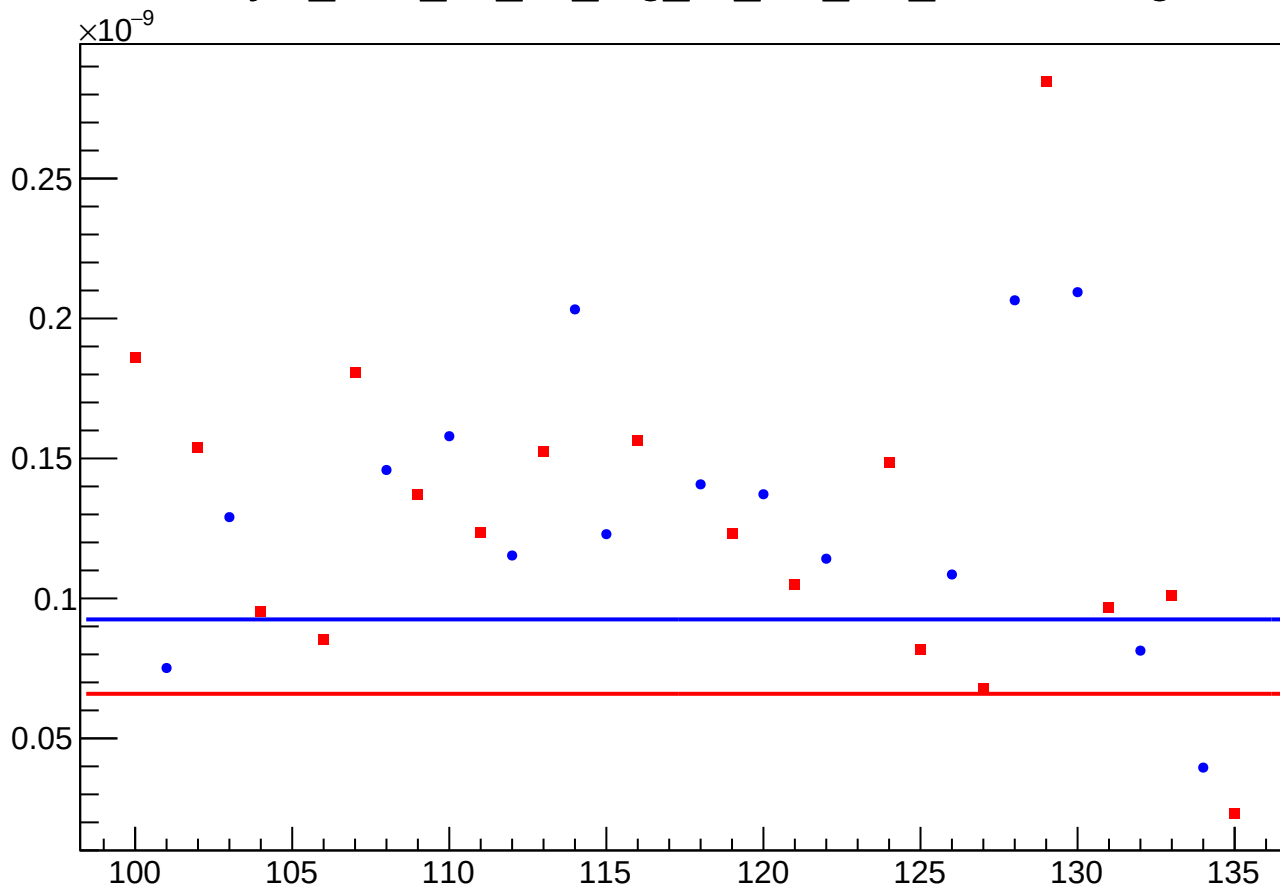
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 26.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1093090.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2283448.5/17

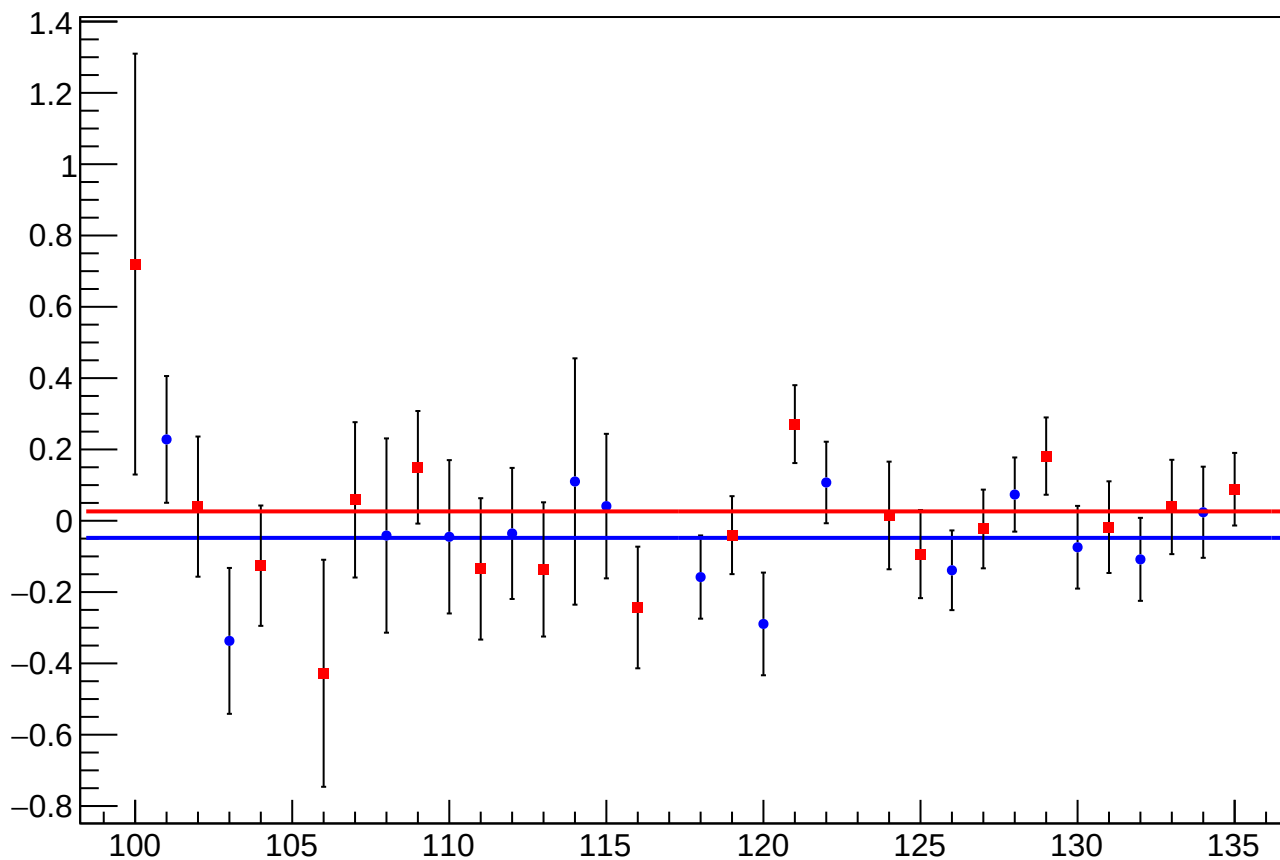
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3630948.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 ± 0.037 $\chi^2/\text{NDF}: 13.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.026 ± 0.034 $\chi^2/\text{NDF}: 17.9/17$

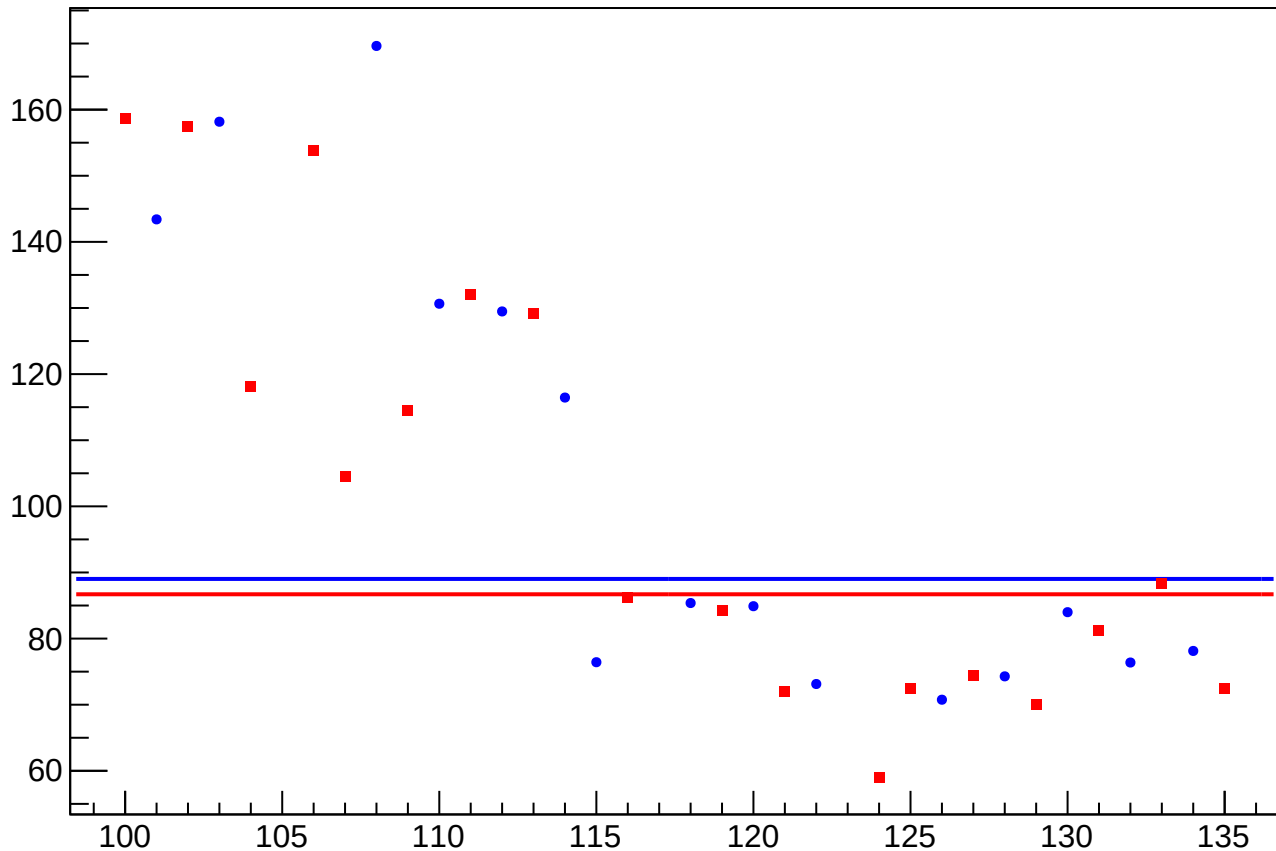
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.007 ± 0.025 $\chi^2/\text{NDF}: 33.1/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 89.022 $\pm$ 0.026 χ^2 /NDF: 960705.1/14

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

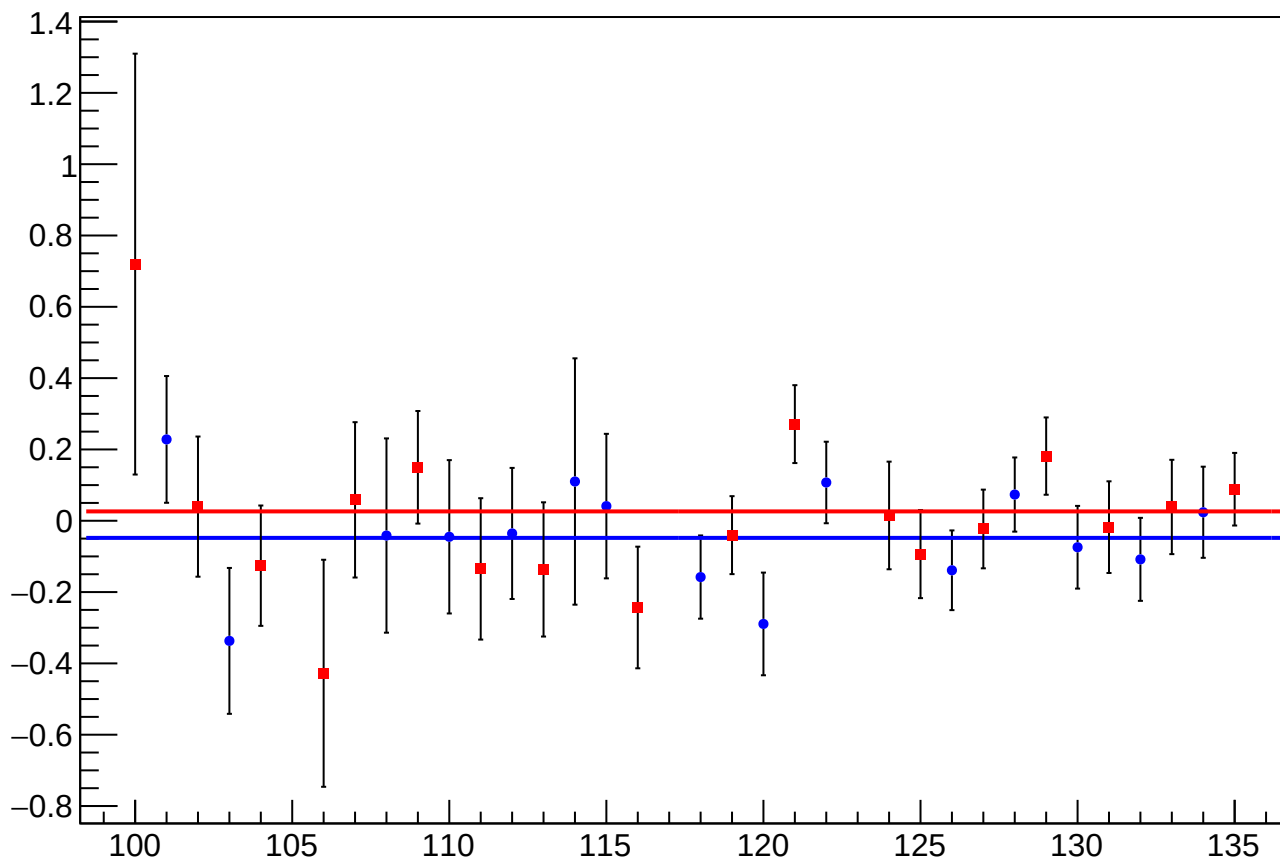
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.755 $\pm$ 0.018 χ^2 /NDF: 1939985.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 ± 0.037 χ^2/NDF : 13.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.026 ± 0.034 χ^2/NDF : 17.9/17

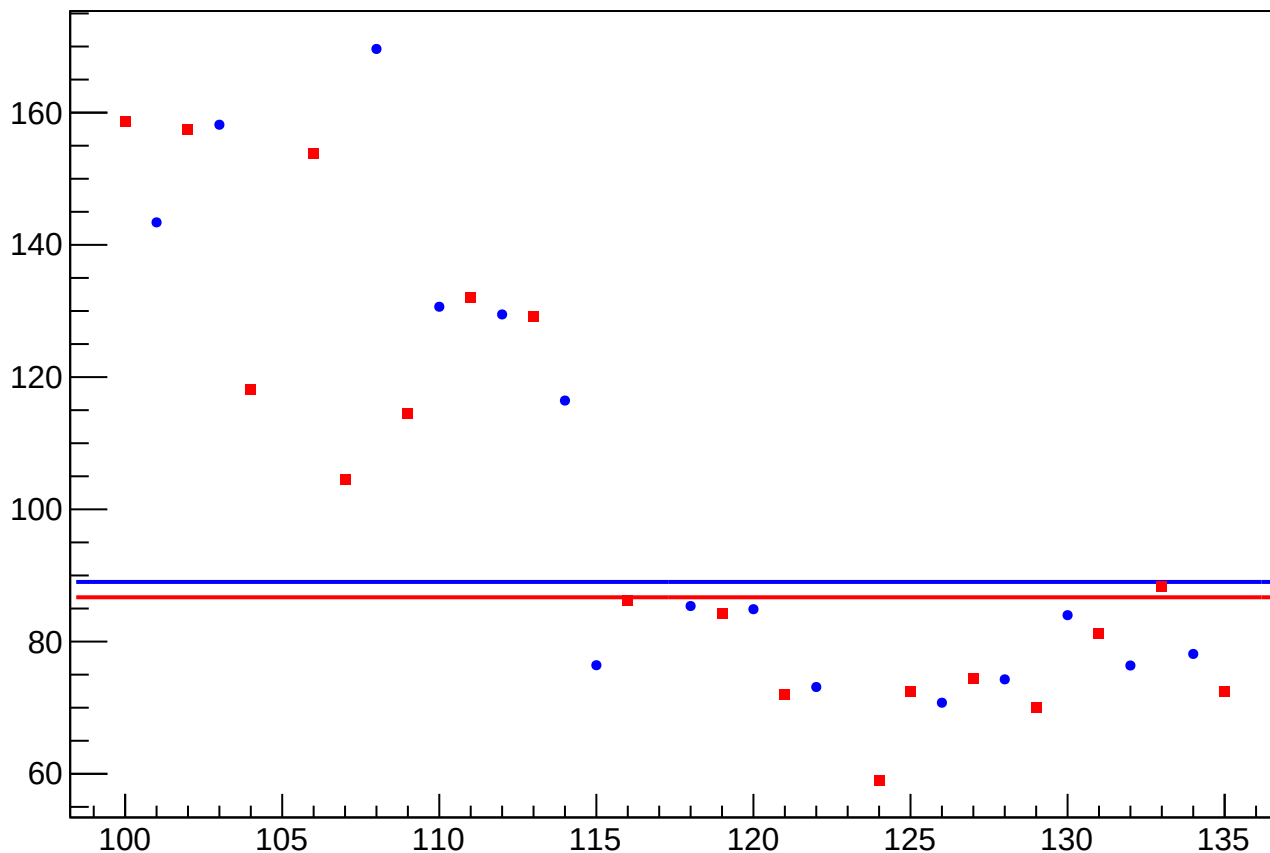
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.007 ± 0.025 χ^2/NDF : 33.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 89.022 $\pm$ 0.026 χ^2 /NDF: 960705.1/14

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

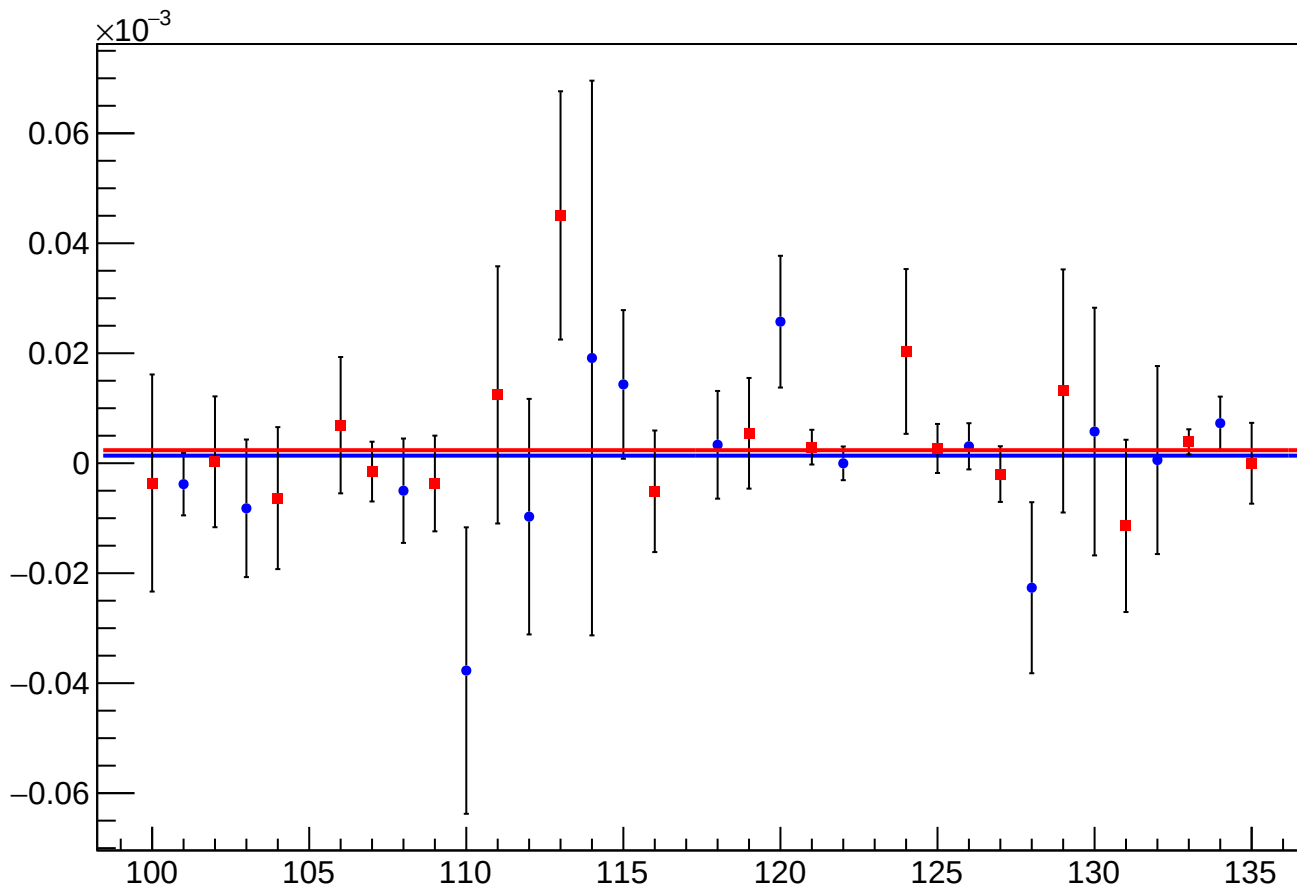
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.755 $\pm$ 0.018 χ^2 /NDF: 1939985.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 9.8/17

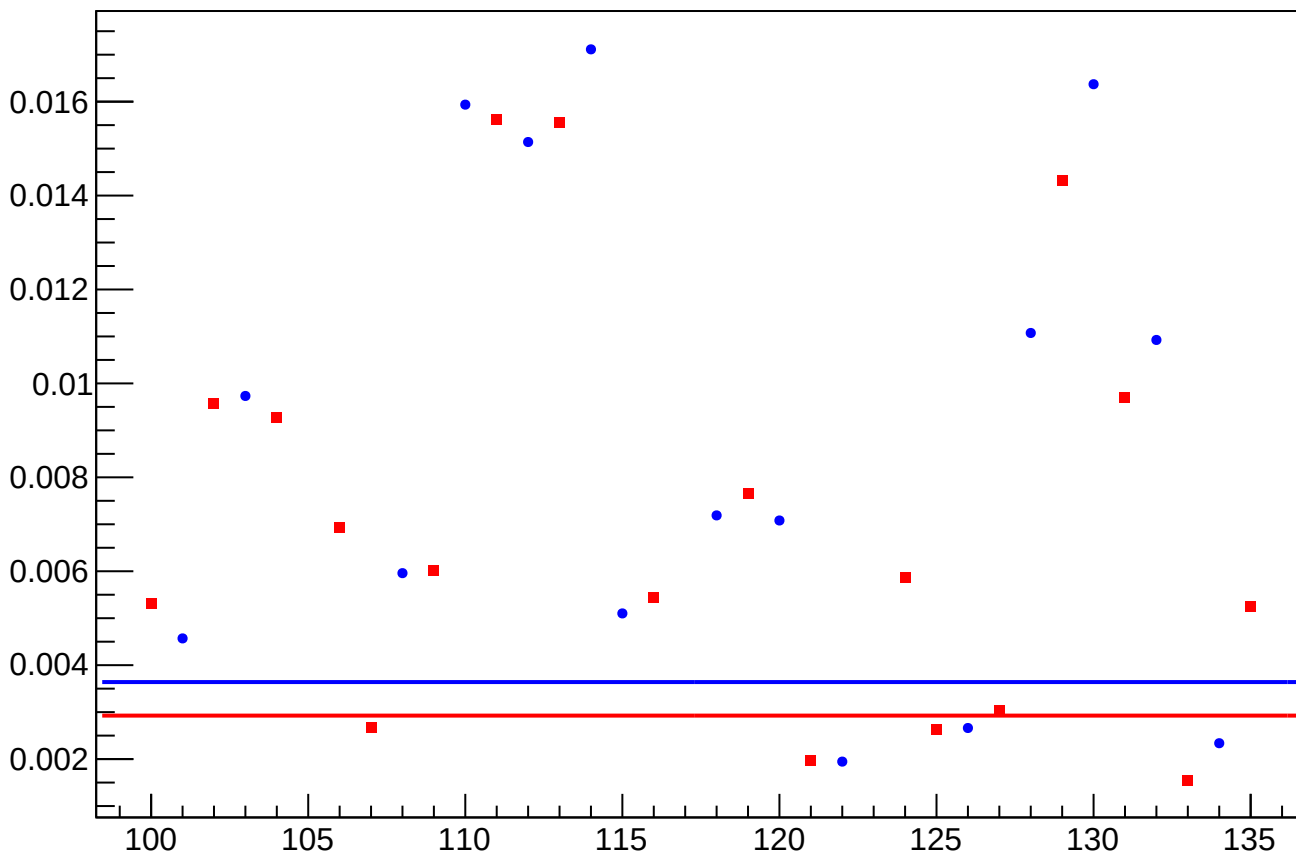
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.004+/-0.000 χ^2/NDF : 4587741.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 5475371.2/17

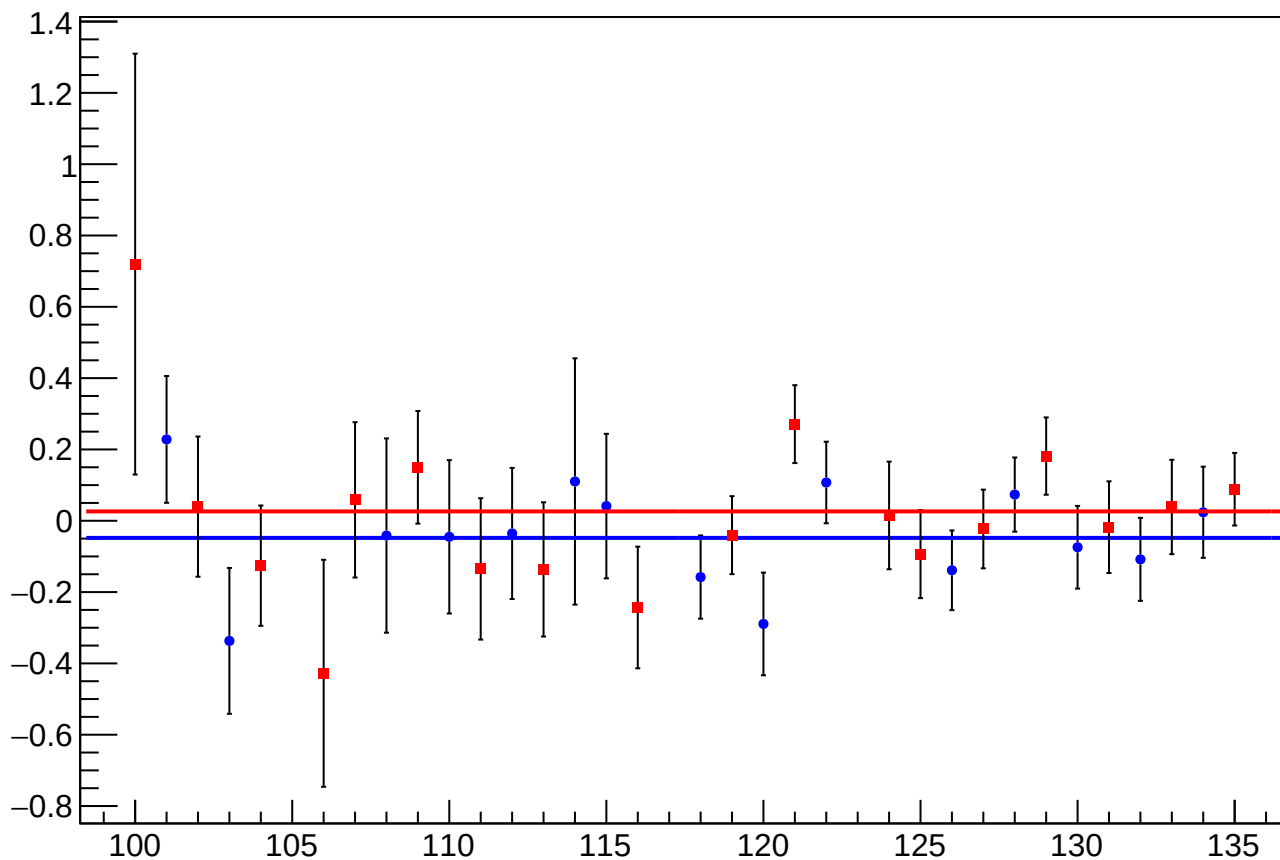
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 10250871.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.037 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.034 χ^2 /NDF: 17.9/17

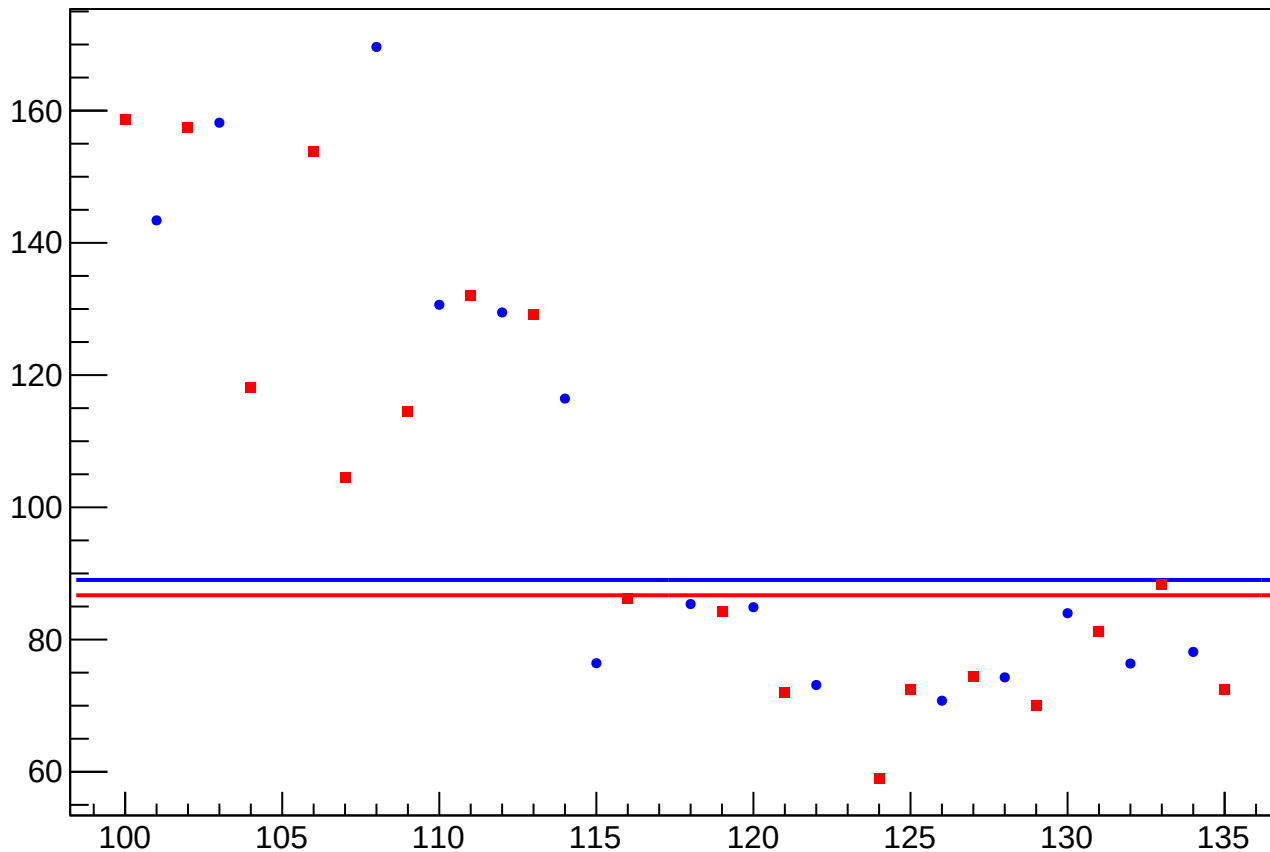
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.025 χ^2 /NDF: 33.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 89.019+/-0.026 χ^2/NDF : 960713.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.699+/-0.024 χ^2/NDF : 974967.9/17

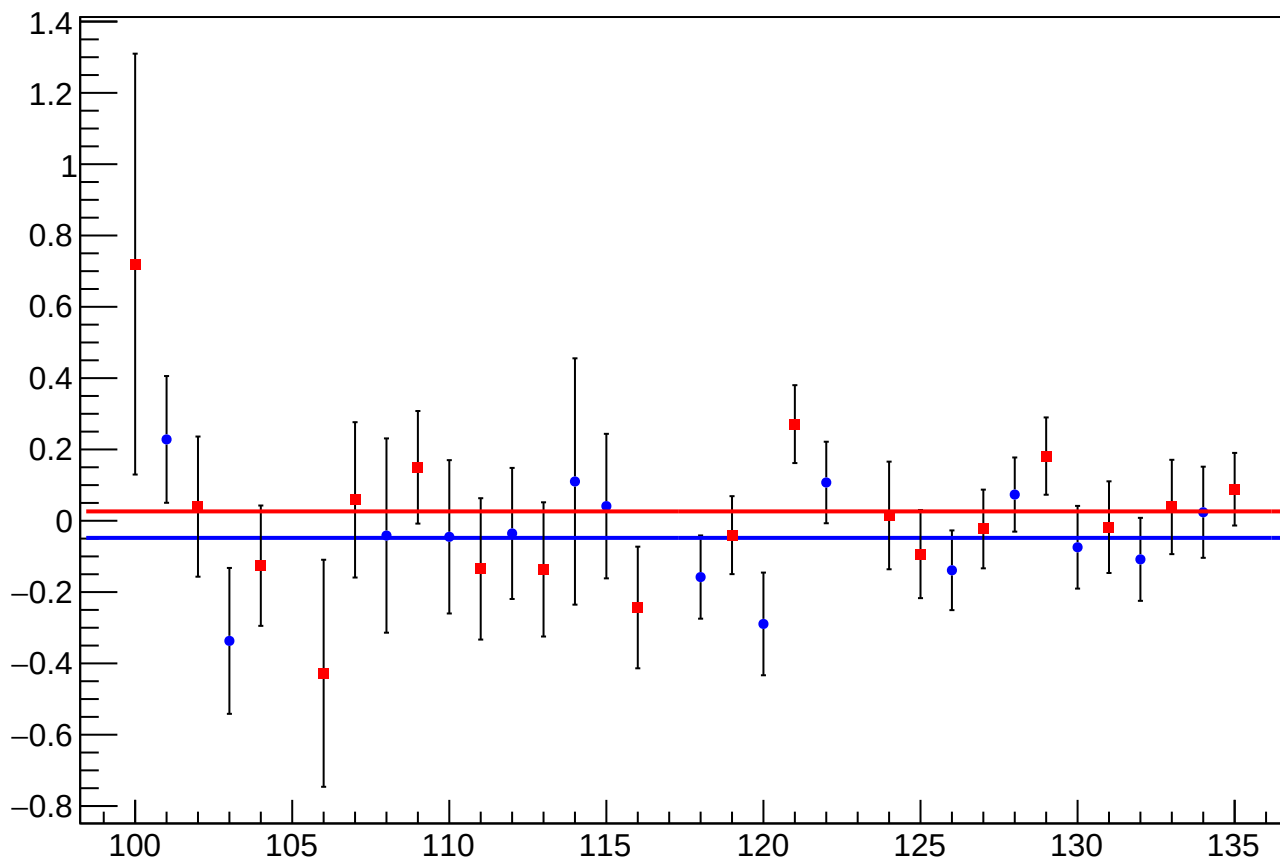
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.752+/-0.018 χ^2/NDF : 1939988.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.048 $\pm$ 0.037 χ^2 /NDF: 13.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.026 $\pm$ 0.034 χ^2 /NDF: 17.9/17

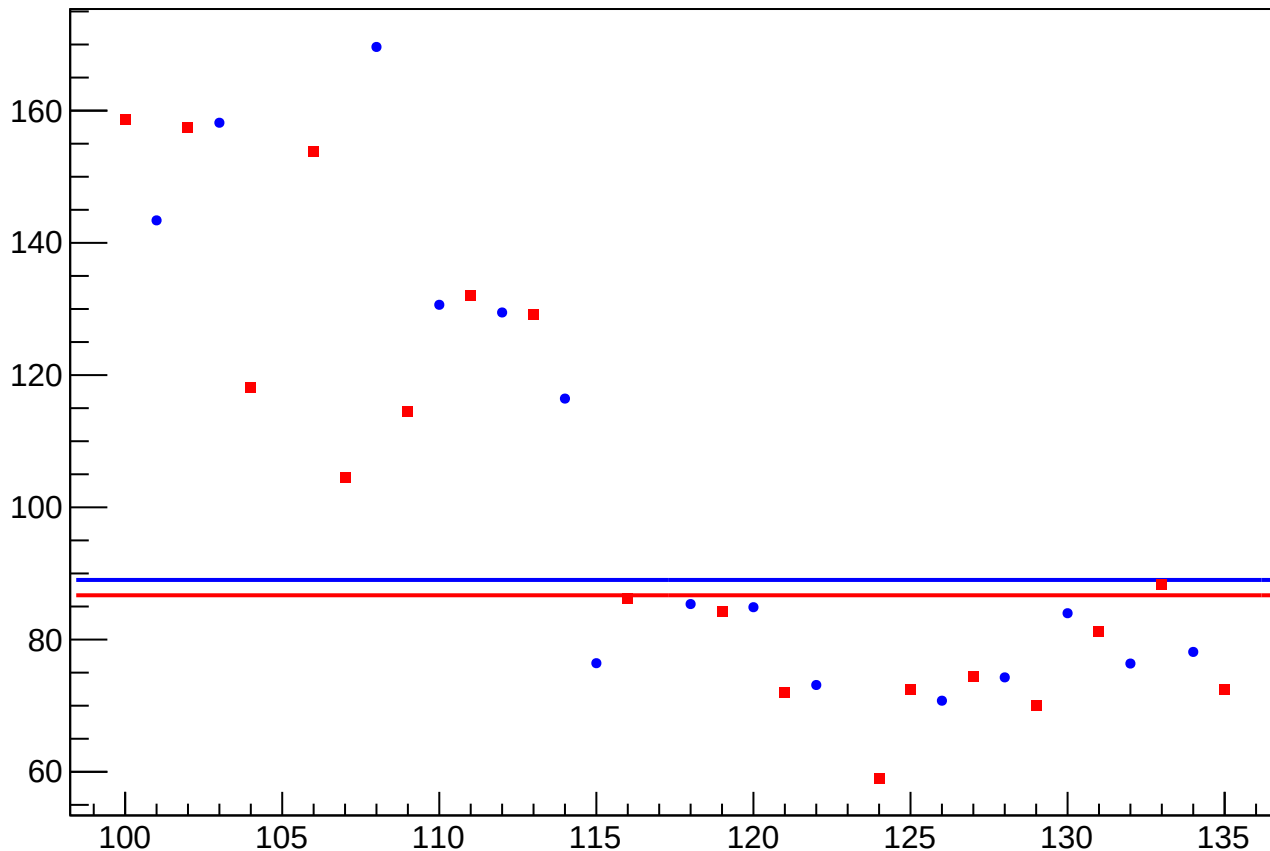
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.007 $\pm$ 0.025 χ^2 /NDF: 33.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 89.019 $\pm$ 0.026 χ^2 /NDF: 960713.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.699 $\pm$ 0.024 χ^2 /NDF: 974967.9/17

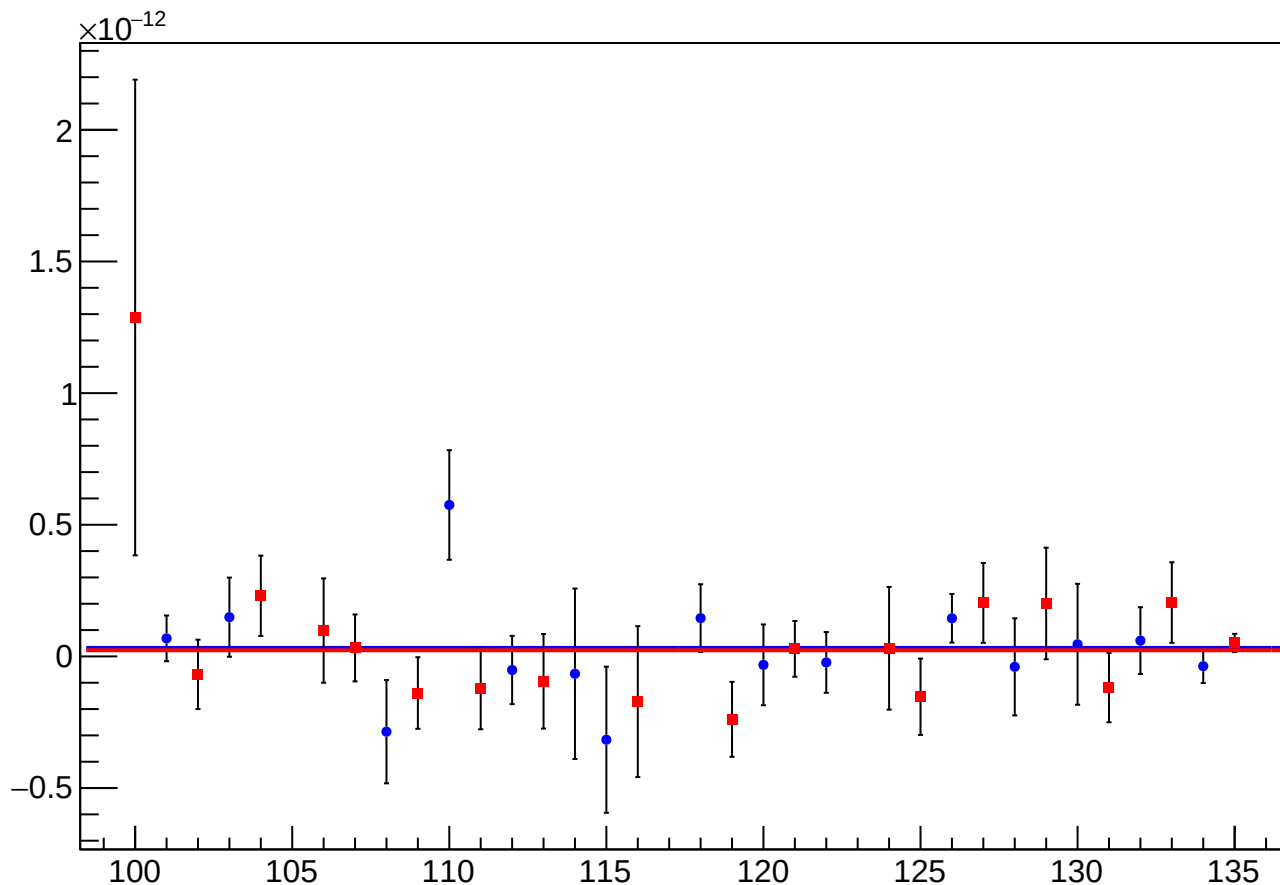
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.752 $\pm$ 0.018 χ^2 /NDF: 1939988.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 16.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 17.9/17

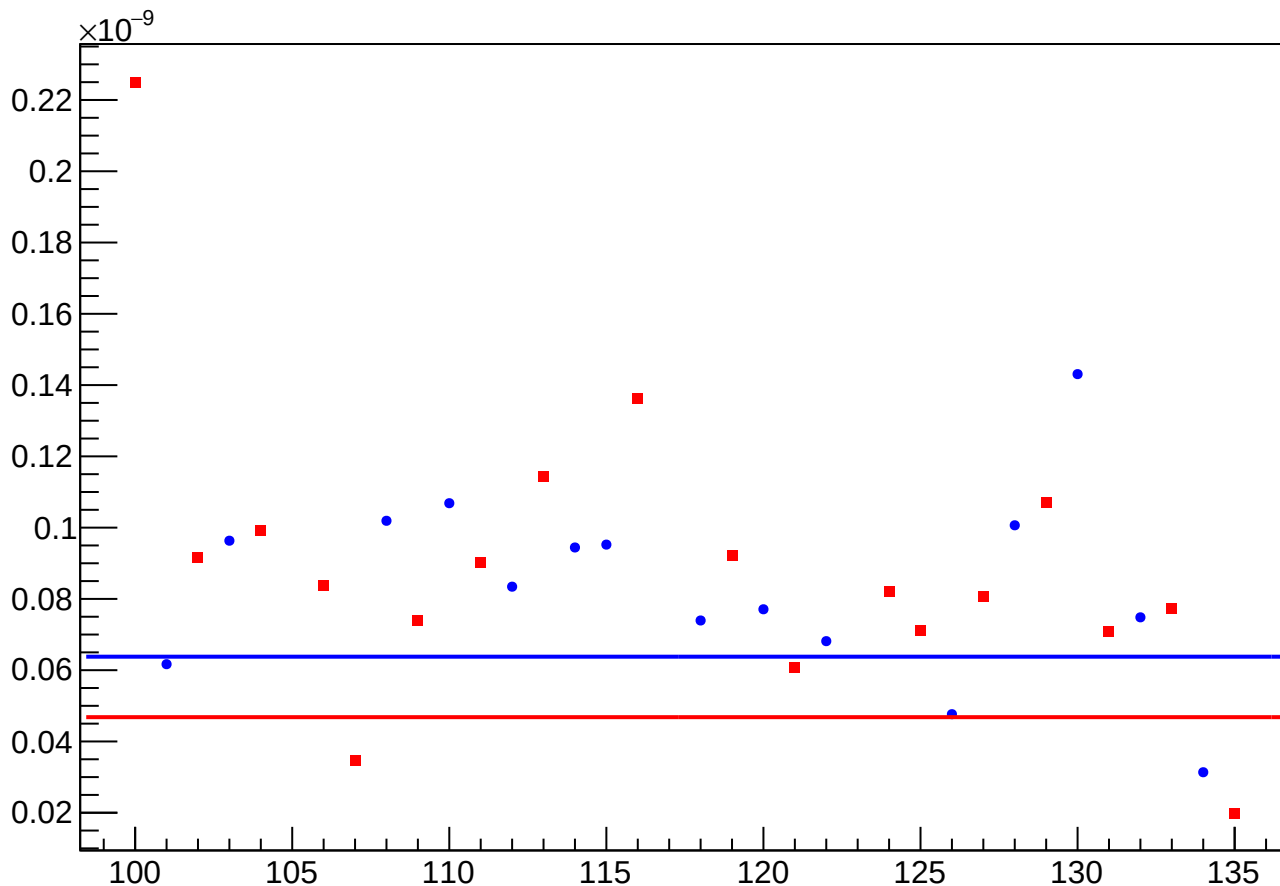
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 34.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1283162.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3320512.9/17

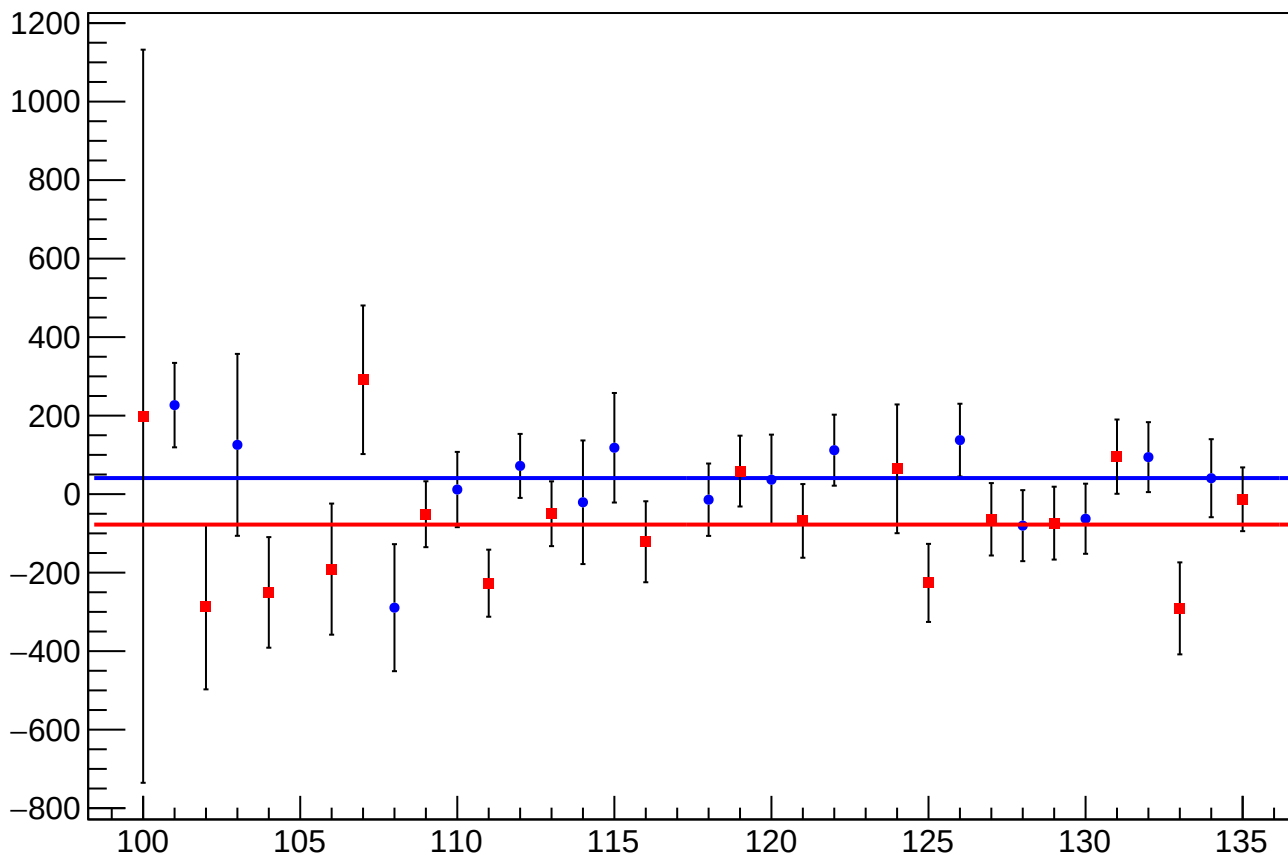
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4943083.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_mean vs Slug



Right In: 40.920 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.587 $\pm$ 24.985 χ^2 /NDF: 22.9/17

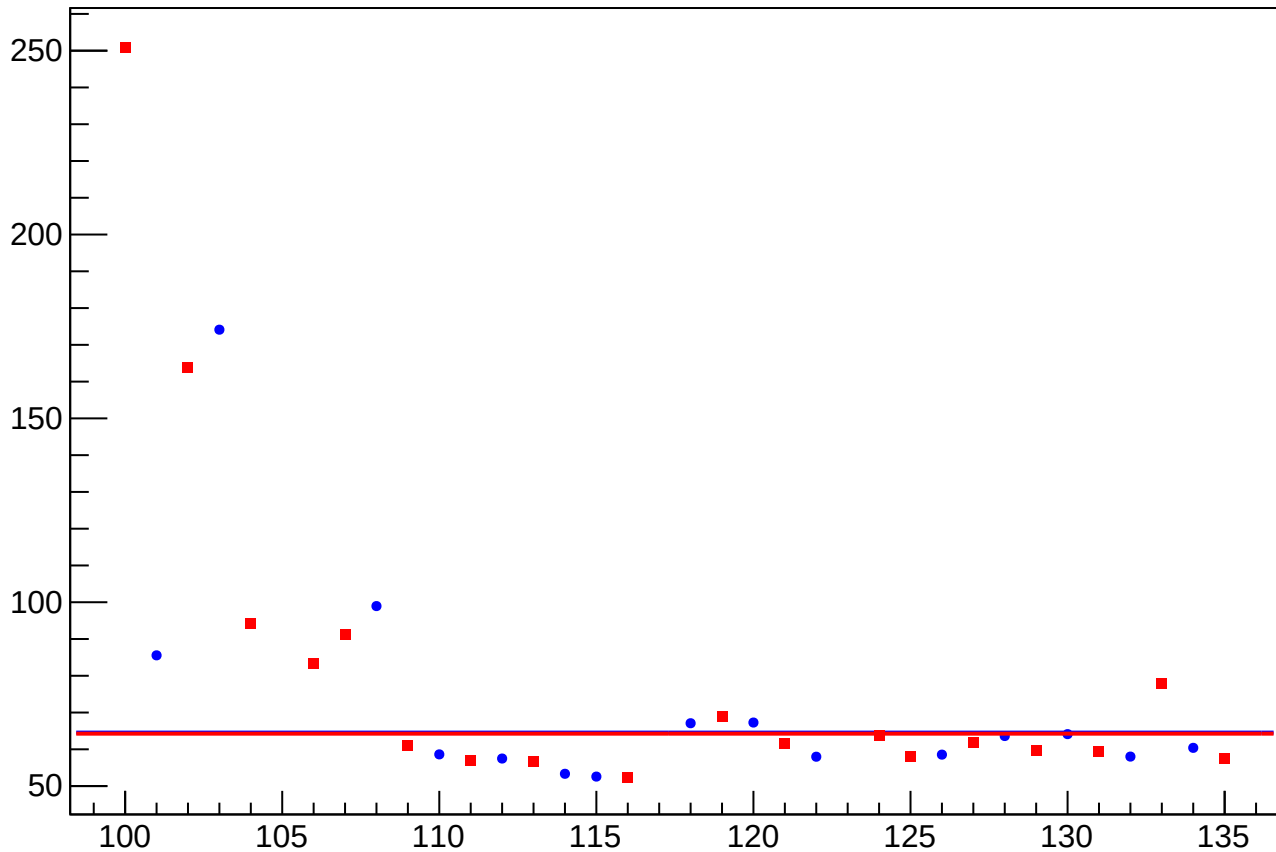
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.301 $\pm$ 18.249 χ^2 /NDF: 46.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_rms vs Slug



Right In: 64.545+/-0.019 χ^2/NDF : 697329.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 64.257+/-0.018 χ^2/NDF : 811944.2/17

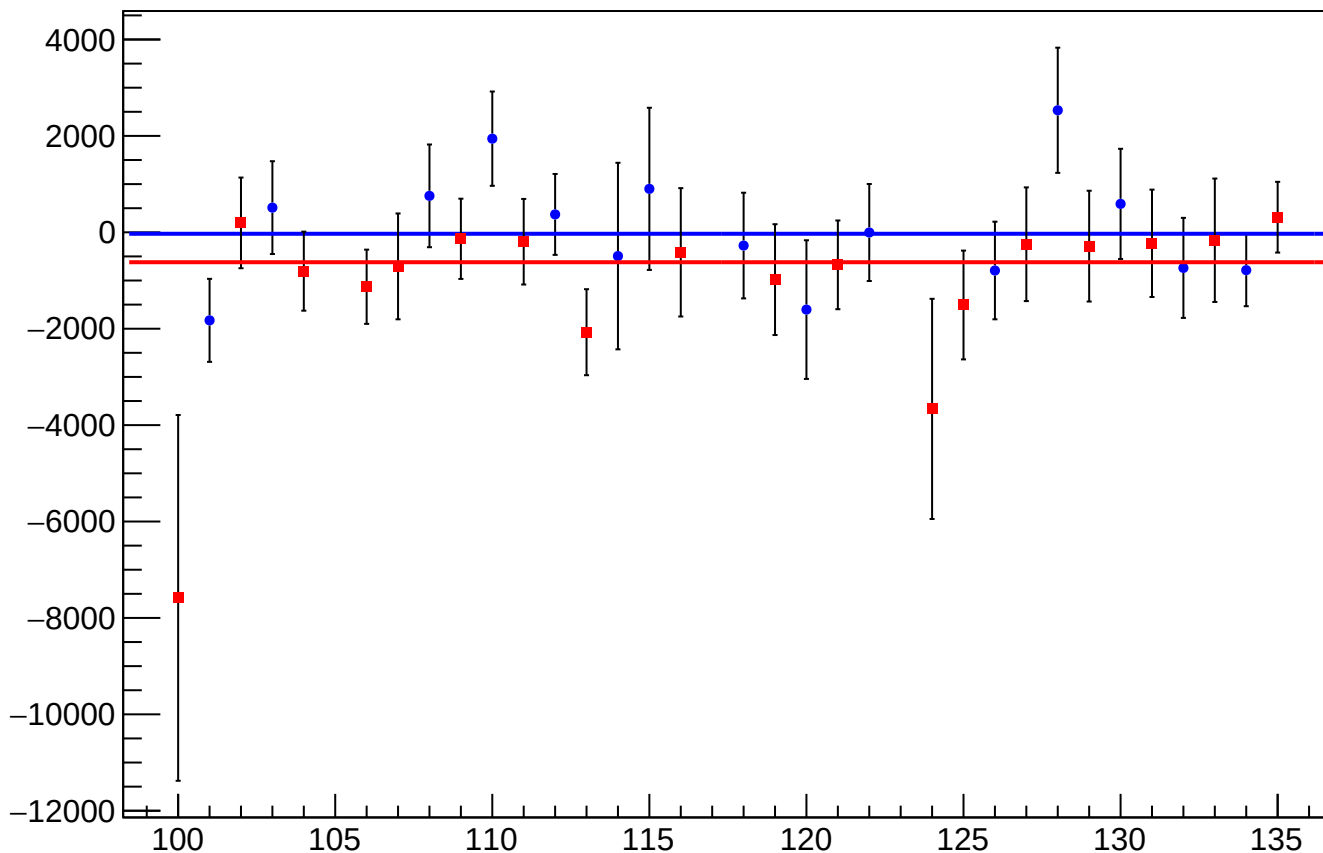
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 64.391+/-0.013 χ^2/NDF : 1509397.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_correction_mean vs Slug



Right In: -30.160+/-269.721 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -620.589+/-239.723 χ^2/NDF : 12.4/17

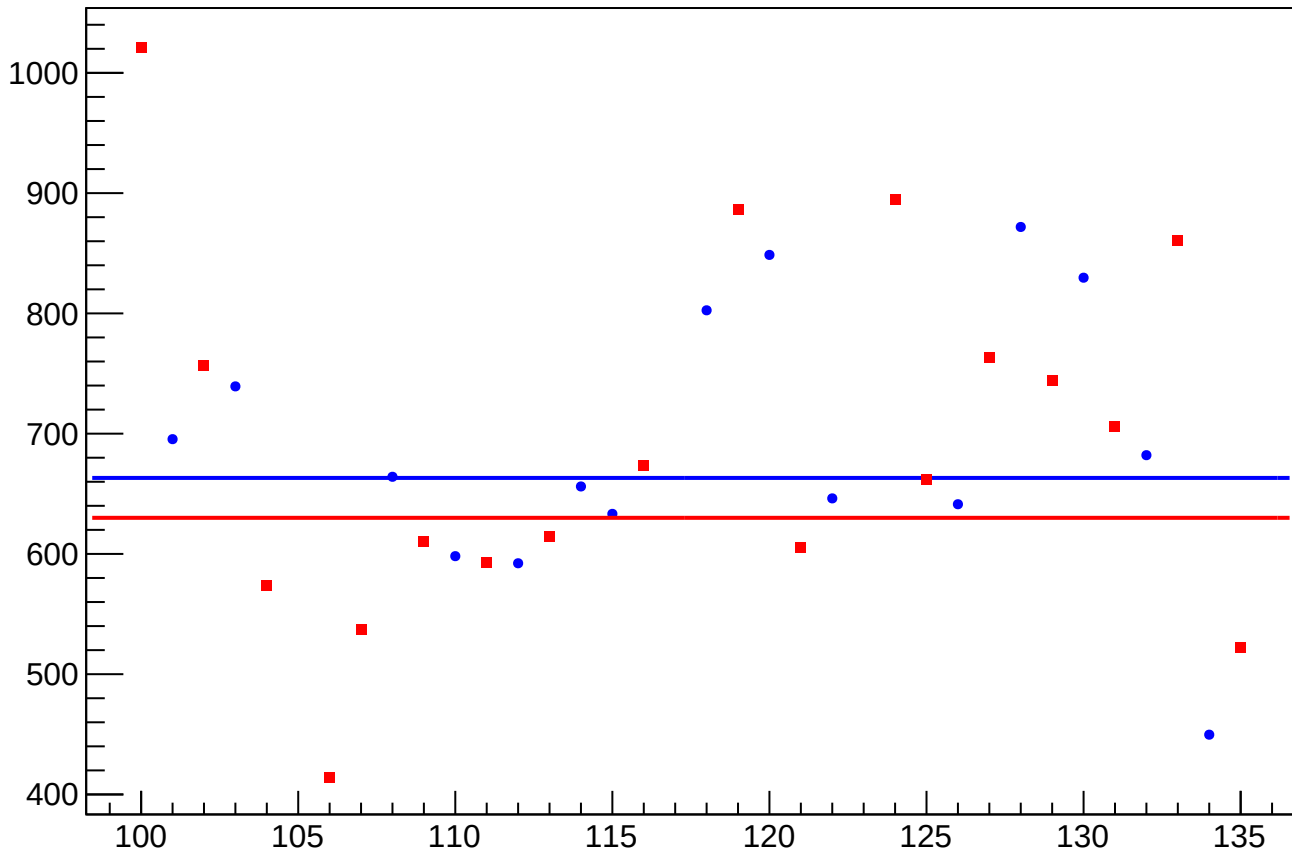
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -360.021+/-179.181 χ^2/NDF : 32.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_correction_rms vs Slug



Right In: 663.196 $\pm$ 0.191 χ^2 /NDF: 363803.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 630.023 $\pm$ 0.170 χ^2 /NDF: 537582.1/17

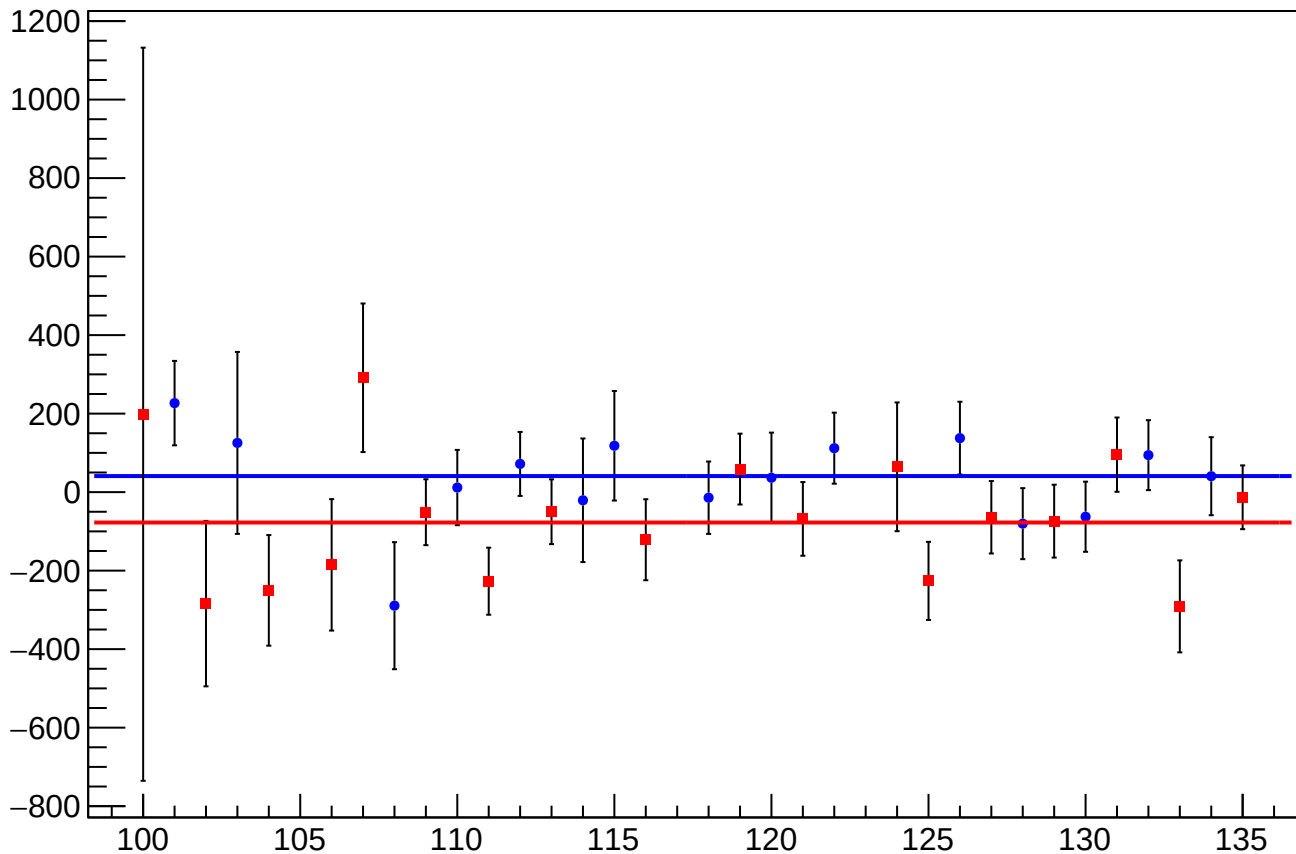
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 644.663 $\pm$ 0.127 χ^2 /NDF: 918288.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_mean vs Slug



Right In: 40.912 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.400 $\pm$ 24.986 χ^2 /NDF: 22.8/17

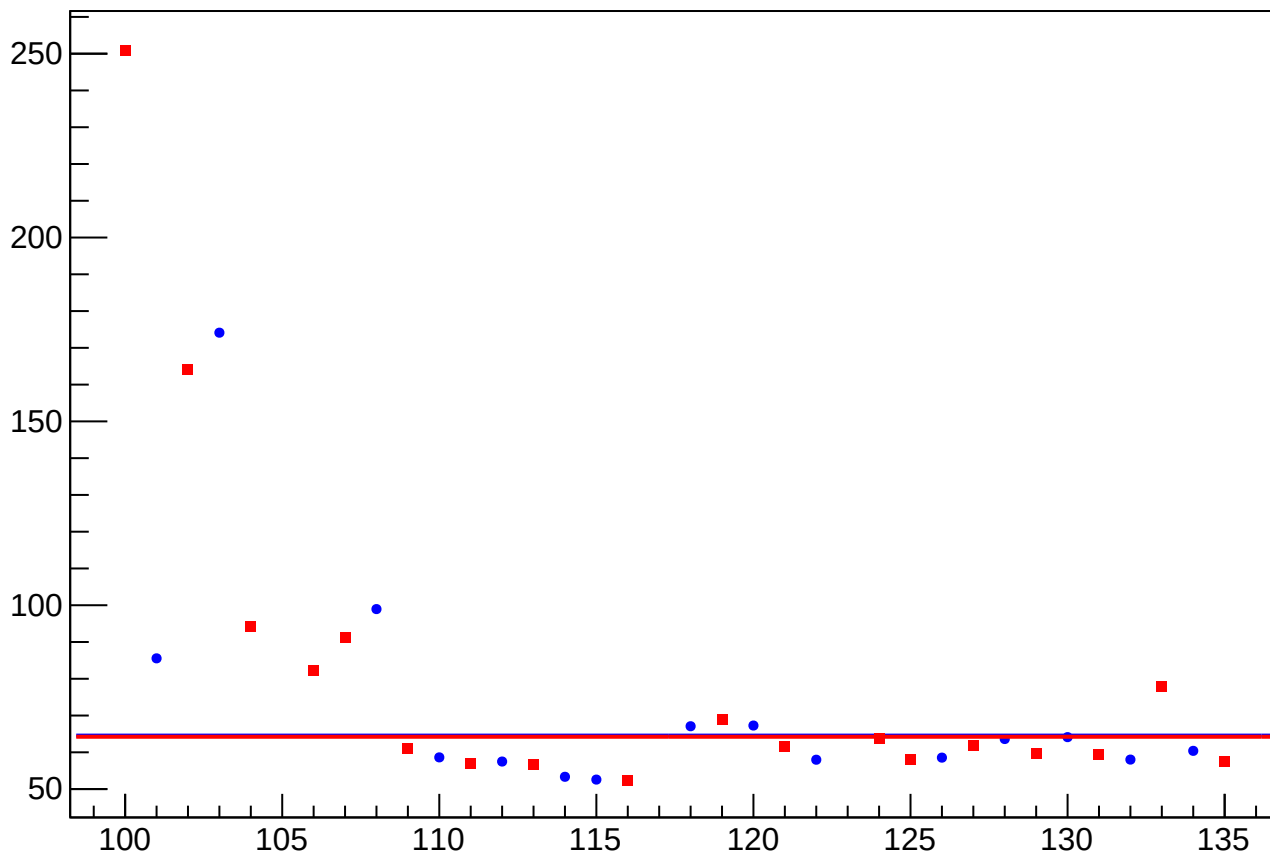
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.201 $\pm$ 18.249 χ^2 /NDF: 46.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_dd_rms vs Slug



Right In: 64.545 $\pm$ 0.019 χ^2 /NDF: 697331.7/14

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

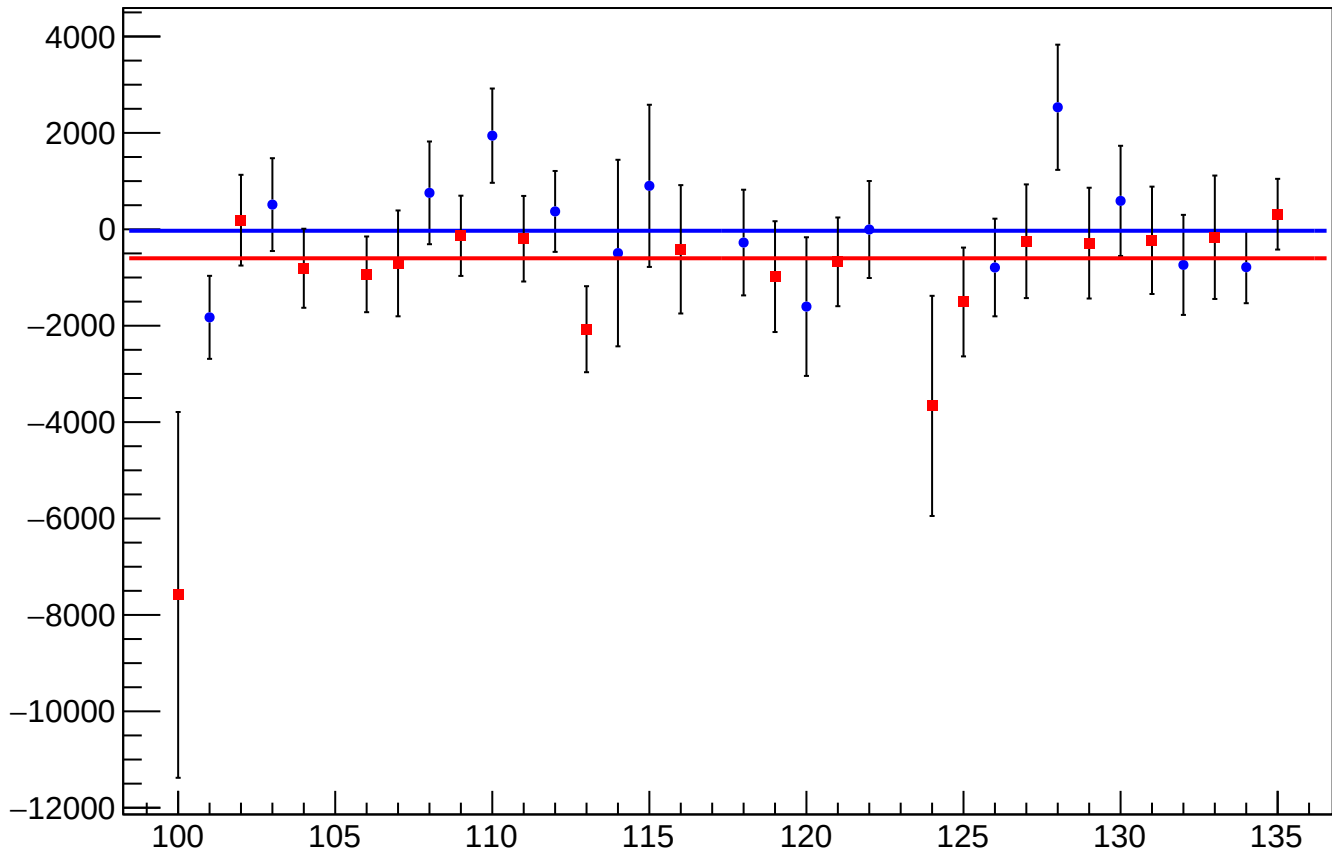
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.378 $\pm$ 0.013 χ^2 /NDF: 1506764.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_cor_correction_mean vs Slug



Right In: -30.152 ± 269.723 χ^2/NDF : 17.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -601.027 ± 240.195 χ^2/NDF : 12.1/17

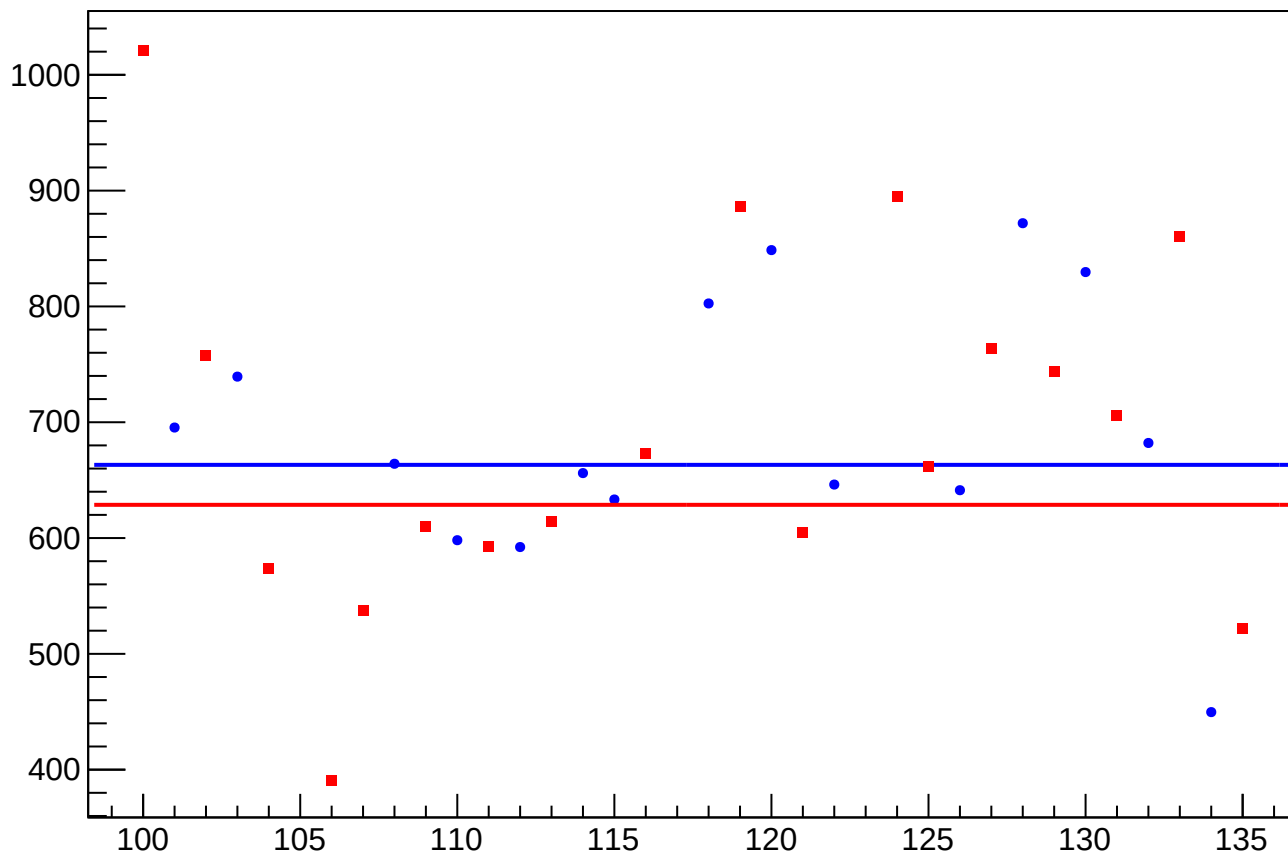
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -348.537 ± 179.378 χ^2/NDF : 32.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_cor_correction_rms vs Slug



Right In: 663.201+/-0.191 χ^2/NDF : 363826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.684+/-0.170 χ^2/NDF : 566271.0/17

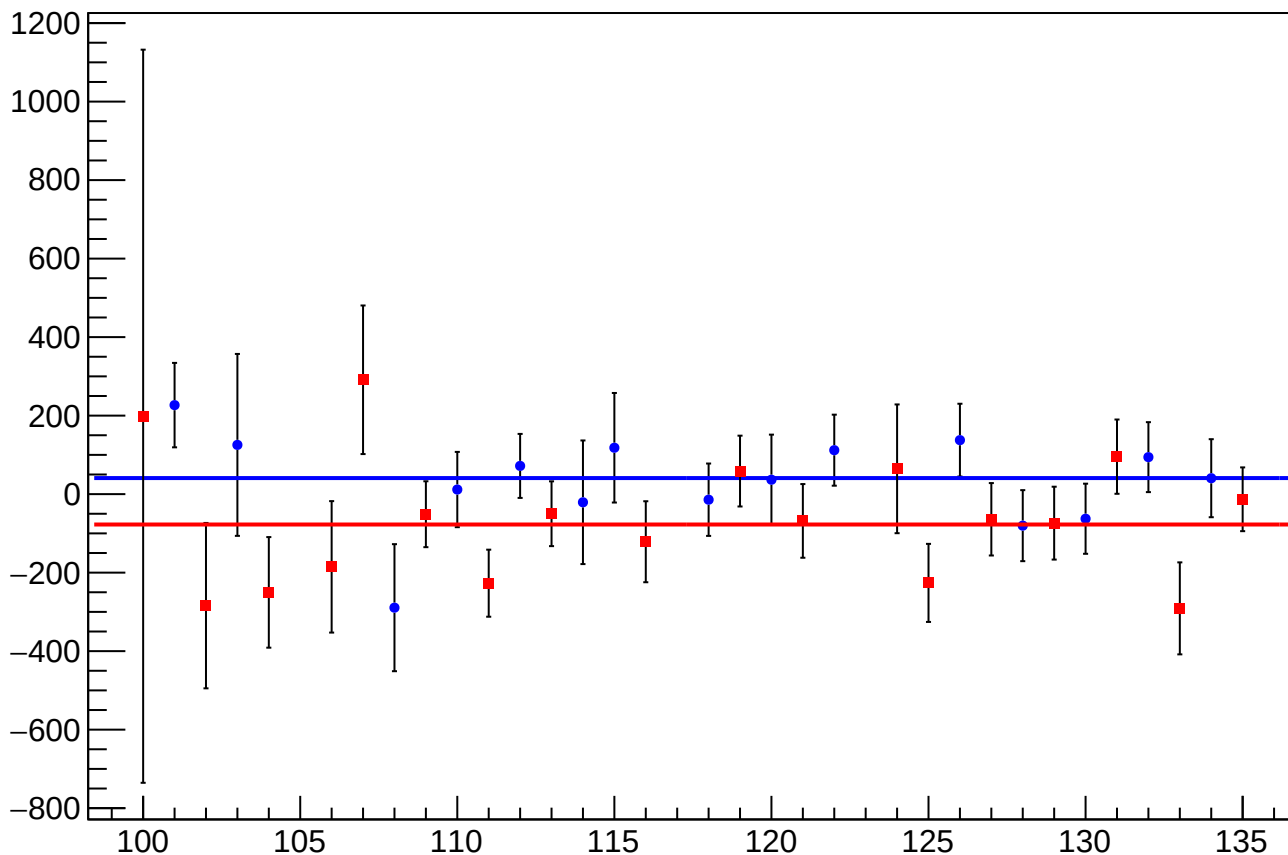
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.950+/-0.127 χ^2/NDF : 948365.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_dd_mean vs Slug



Right In: 40.912 $\pm$ 26.717 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -77.400 $\pm$ 24.986 χ^2 /NDF: 22.8/17

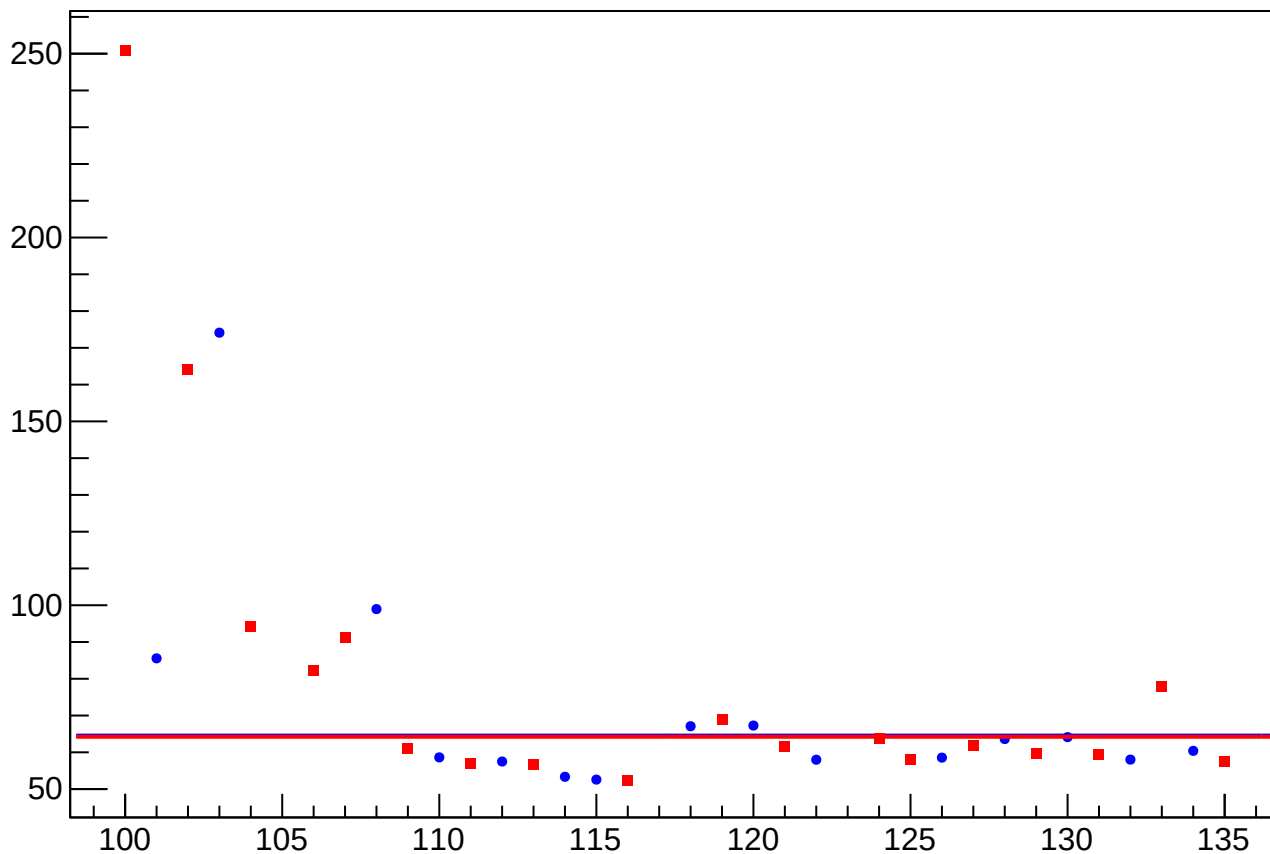
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.201 $\pm$ 18.249 χ^2 /NDF: 46.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_dd_rms vs Slug



Right In: 64.545 $\pm$ 0.019 χ^2 /NDF: 697331.7/14

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

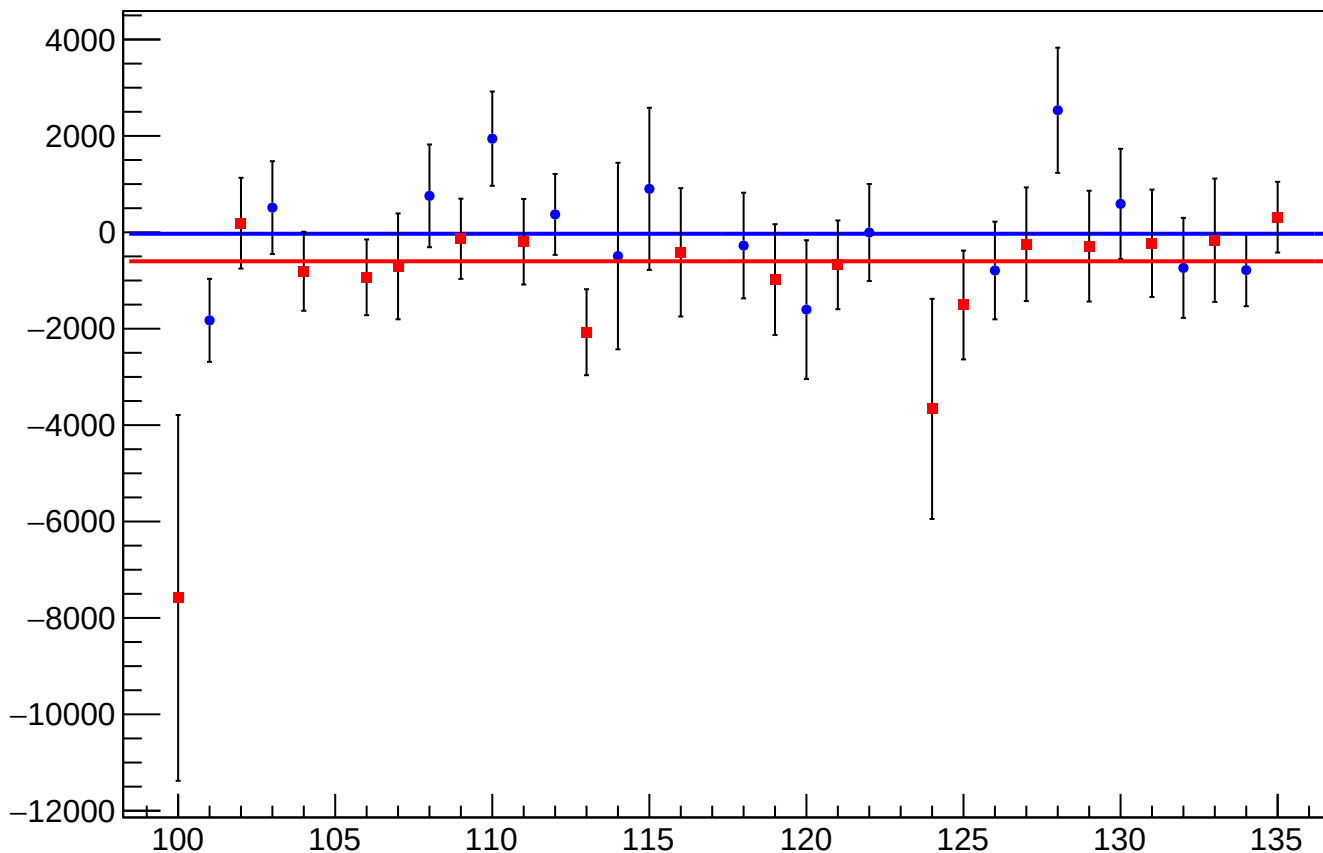
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 64.378 $\pm$ 0.013 χ^2 /NDF: 1506764.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_mean vs Slug



Right In: -30.152 $\pm$ 269.723 χ^2 /NDF: 17.4/14

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

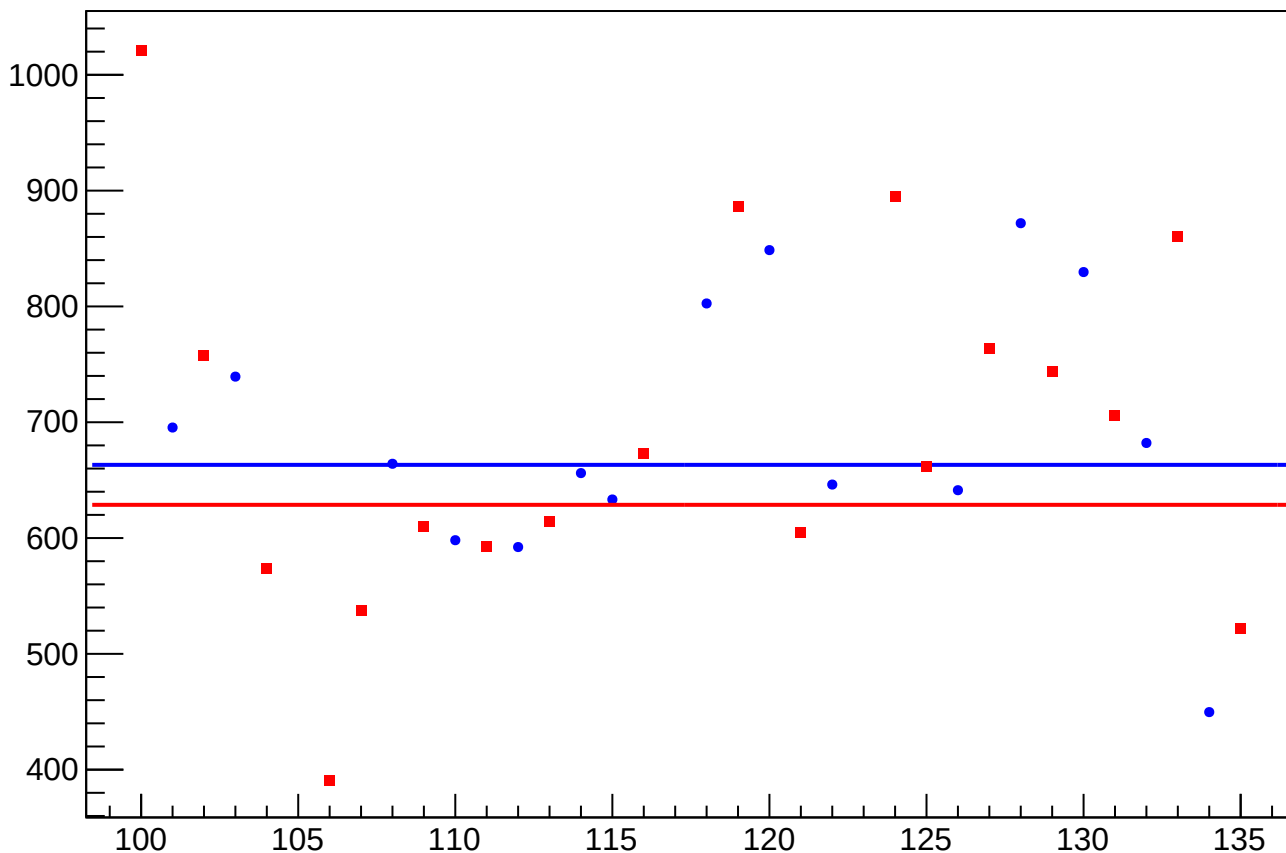
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -348.537 $\pm$ 179.378 χ^2 /NDF: 32.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_correction_rms vs Slug



Right In: 663.201+/-0.191 χ^2/NDF : 363826.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 628.684+/-0.170 χ^2/NDF : 566271.0/17

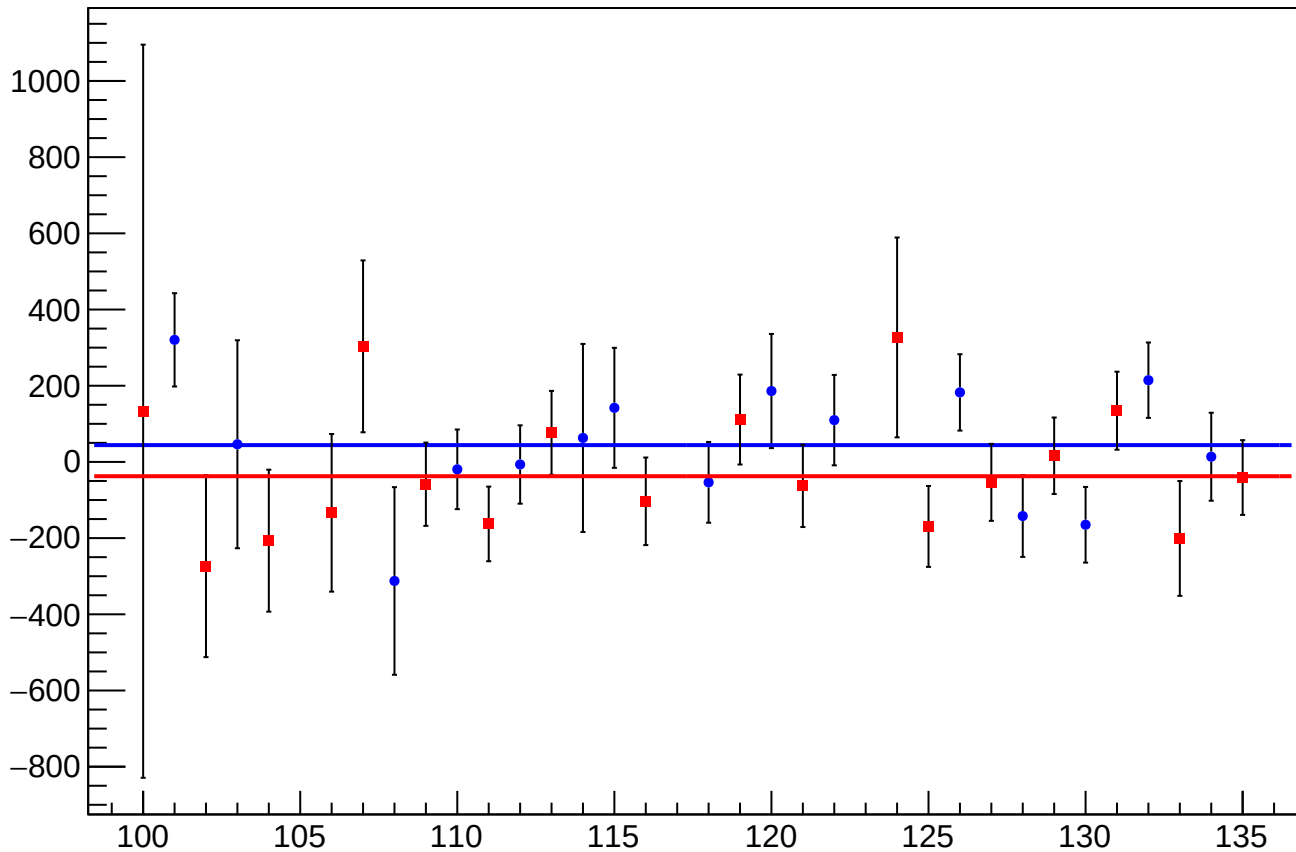
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 643.950+/-0.127 χ^2/NDF : 948365.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_mean vs Slug



Right In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.547+/-29.646 χ^2/NDF : 16.8/17

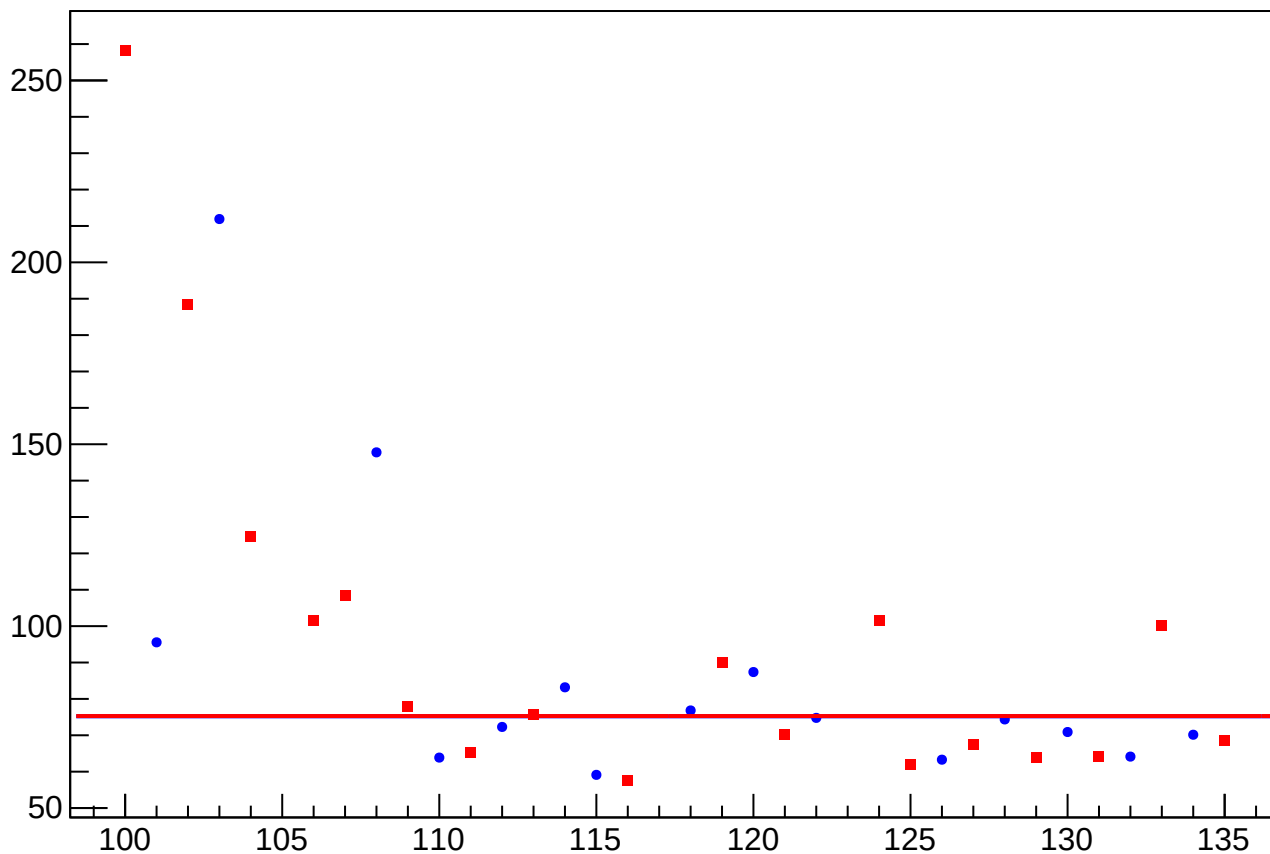
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.838+/-21.584 χ^2/NDF : 43.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_dd_rms vs Slug



Right In: 75.215+/-0.022 χ^2/NDF : 853274.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.285+/-0.021 χ^2/NDF : 1020995.6/17

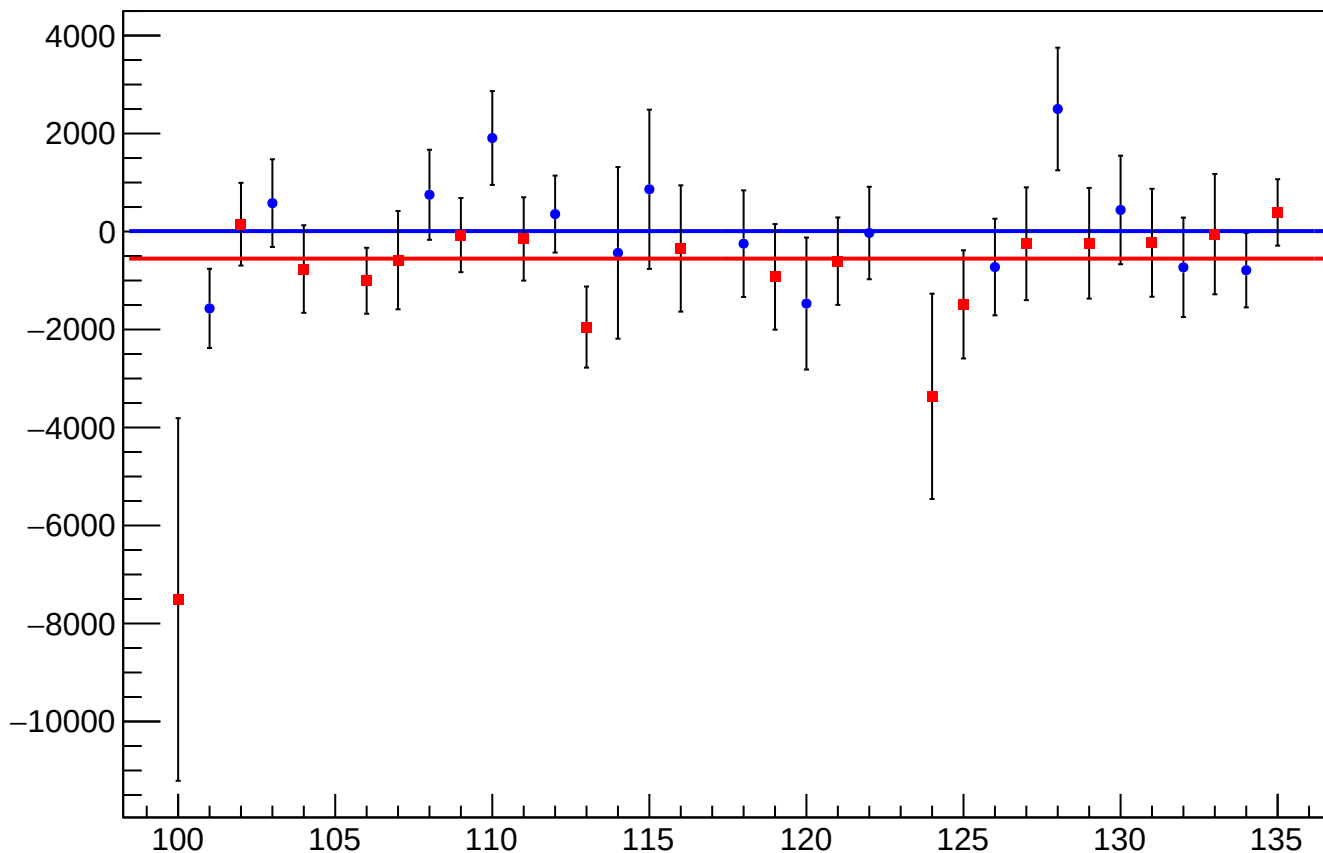
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 75.252+/-0.015 χ^2/NDF : 1874275.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_correction_mean vs Slug



Right In: 8.513+/-257.394 χ^2/NDF : 16.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -553.307+/-226.502 χ^2/NDF : 13.2/17

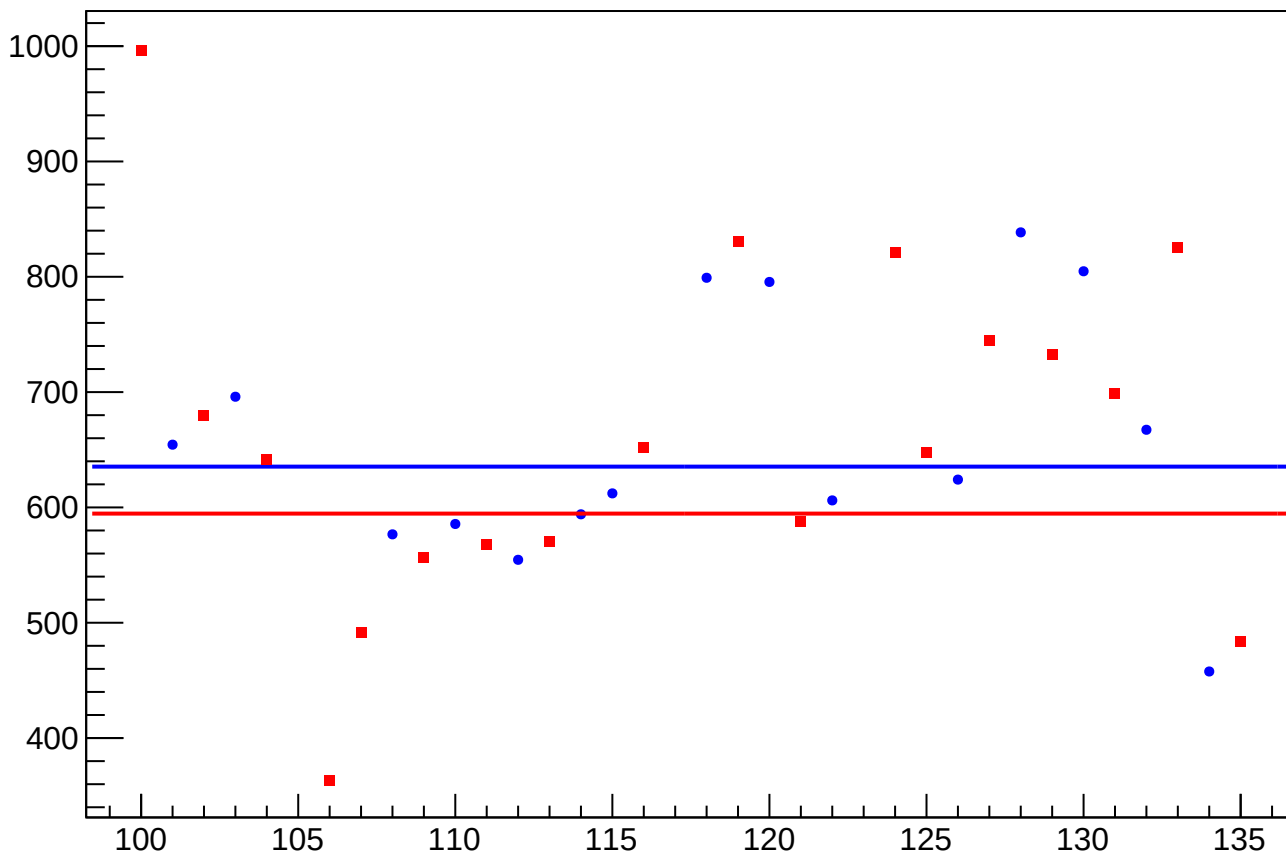
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -308.118+/-170.040 χ^2/NDF : 32.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_dit_correction_rms vs Slug



Right In: 635.379+/-0.182 χ^2/NDF : 333352.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.642+/-0.160 χ^2/NDF : 649044.4/17

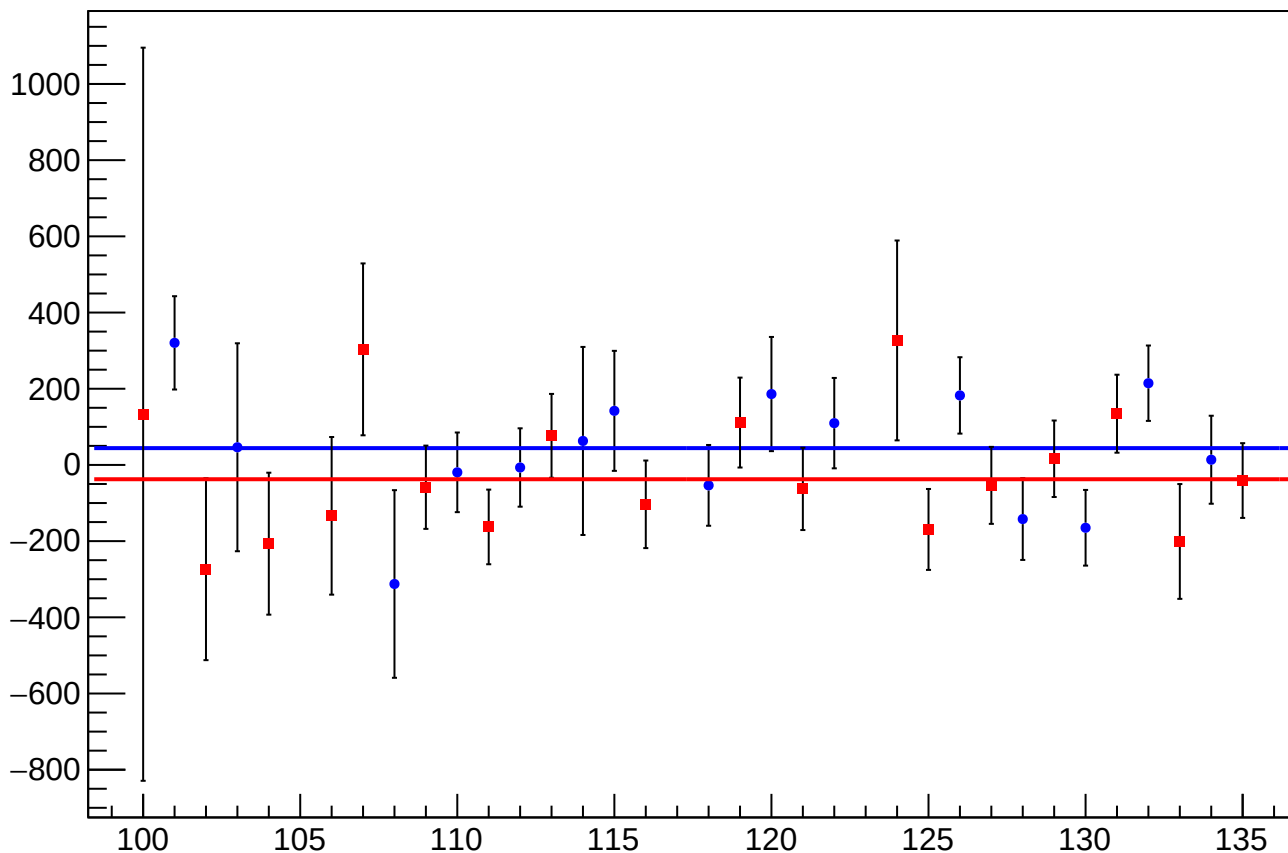
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.421+/-0.120 χ^2/NDF : 1010630.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_mean vs Slug



Right In: 44.135+/-31.486 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -37.545+/-29.646 χ^2/NDF : 16.8/17

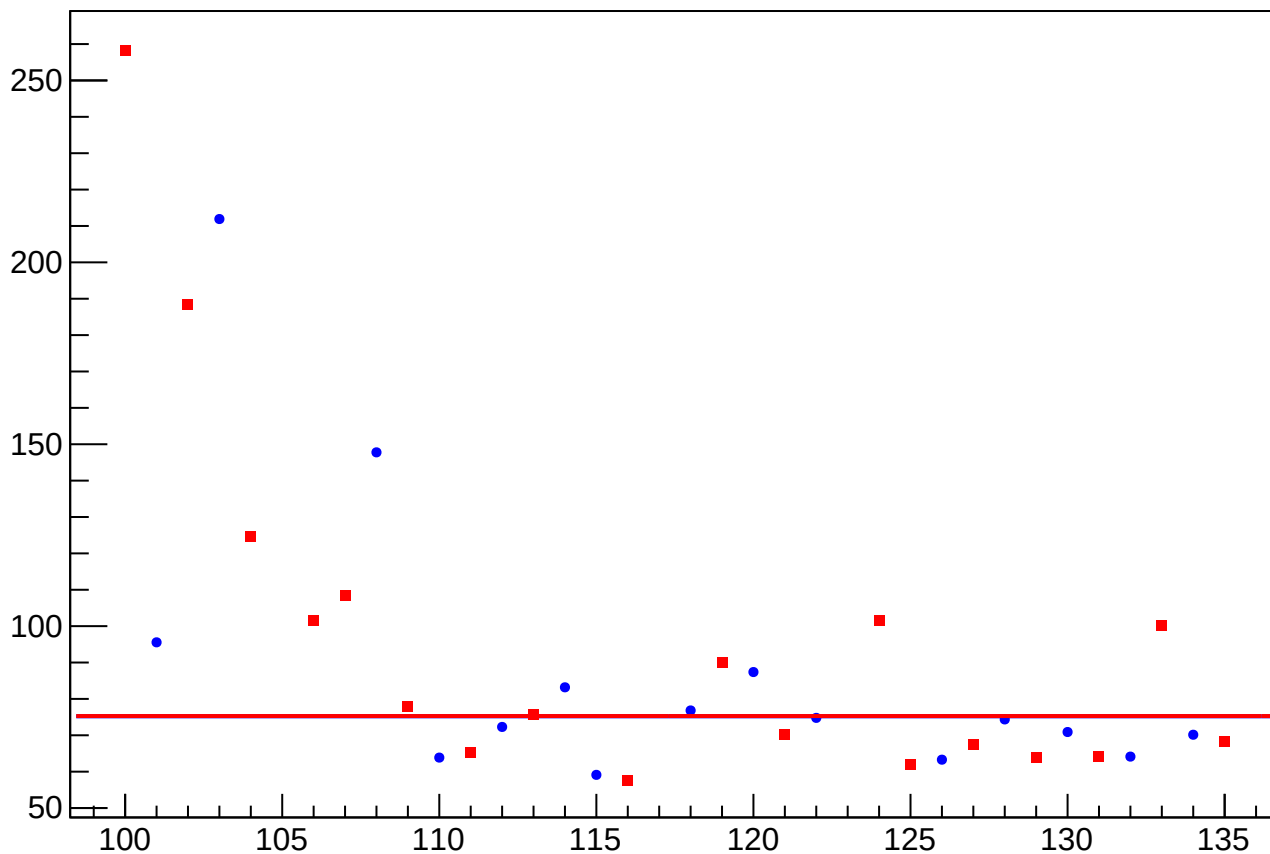
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.838+/-21.584 χ^2/NDF : 43.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_dd_rms vs Slug



Right In: 75.215 $\pm$ 0.022 χ^2 /NDF: 853272.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.285 $\pm$ 0.021 χ^2 /NDF: 1020986.6/17

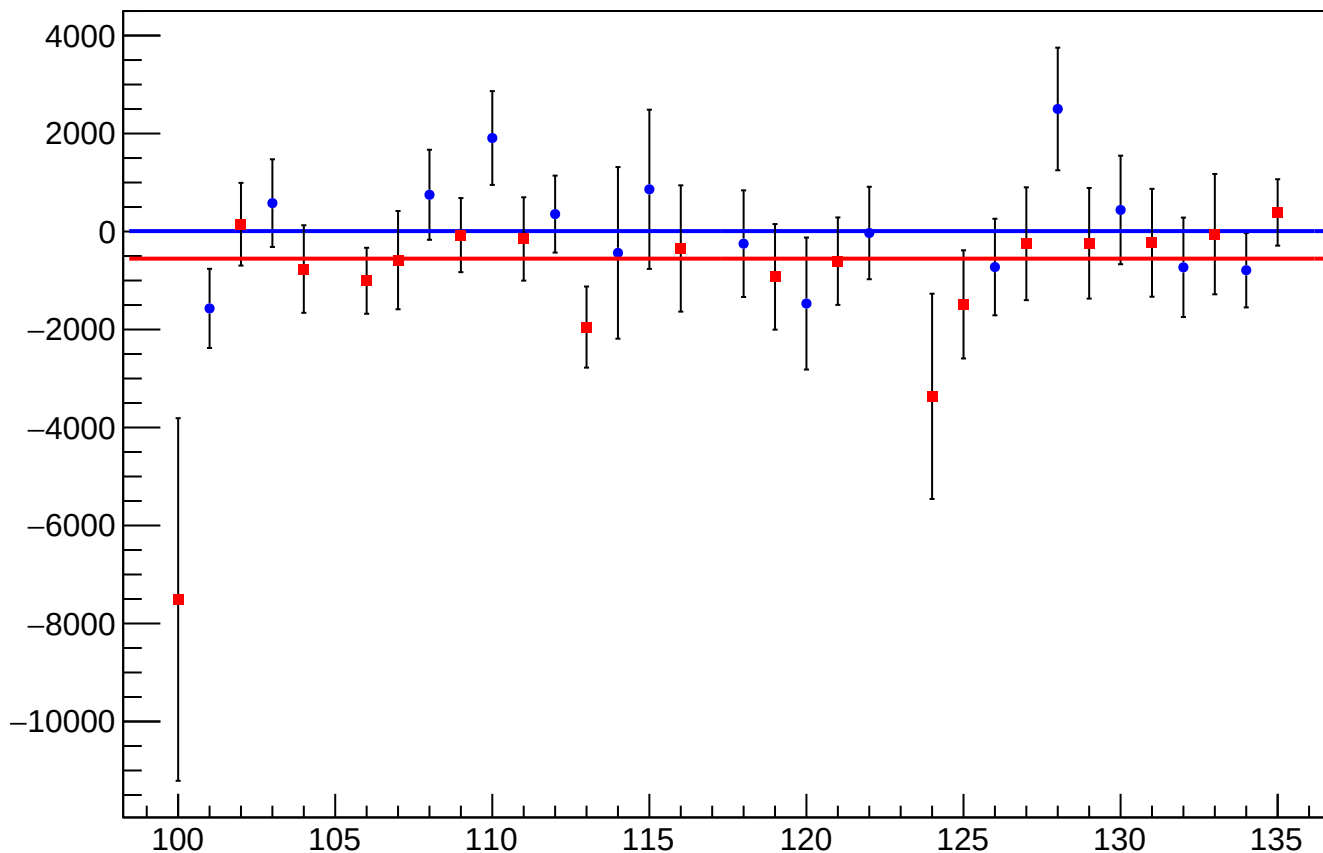
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 75.252 $\pm$ 0.015 χ^2 /NDF: 1874264.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_mean vs Slug



Right In: 8.513 $\pm$ 257.394 χ^2 /NDF: 16.9/14

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

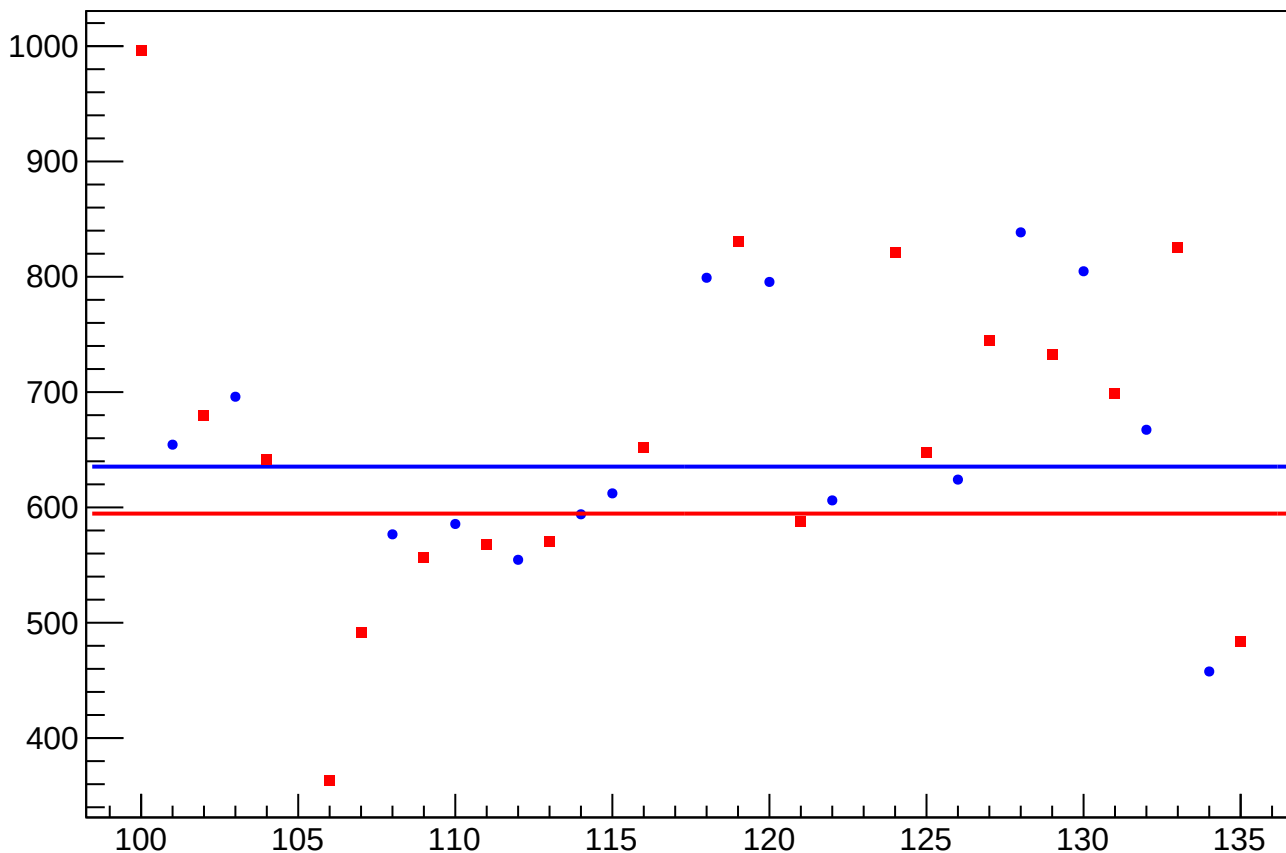
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -308.119 $\pm$ 170.040 χ^2 /NDF: 32.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_correction_rms vs Slug



Right In: 635.379+/-0.182 χ^2/NDF : 333355.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 594.641+/-0.160 χ^2/NDF : 649043.4/17

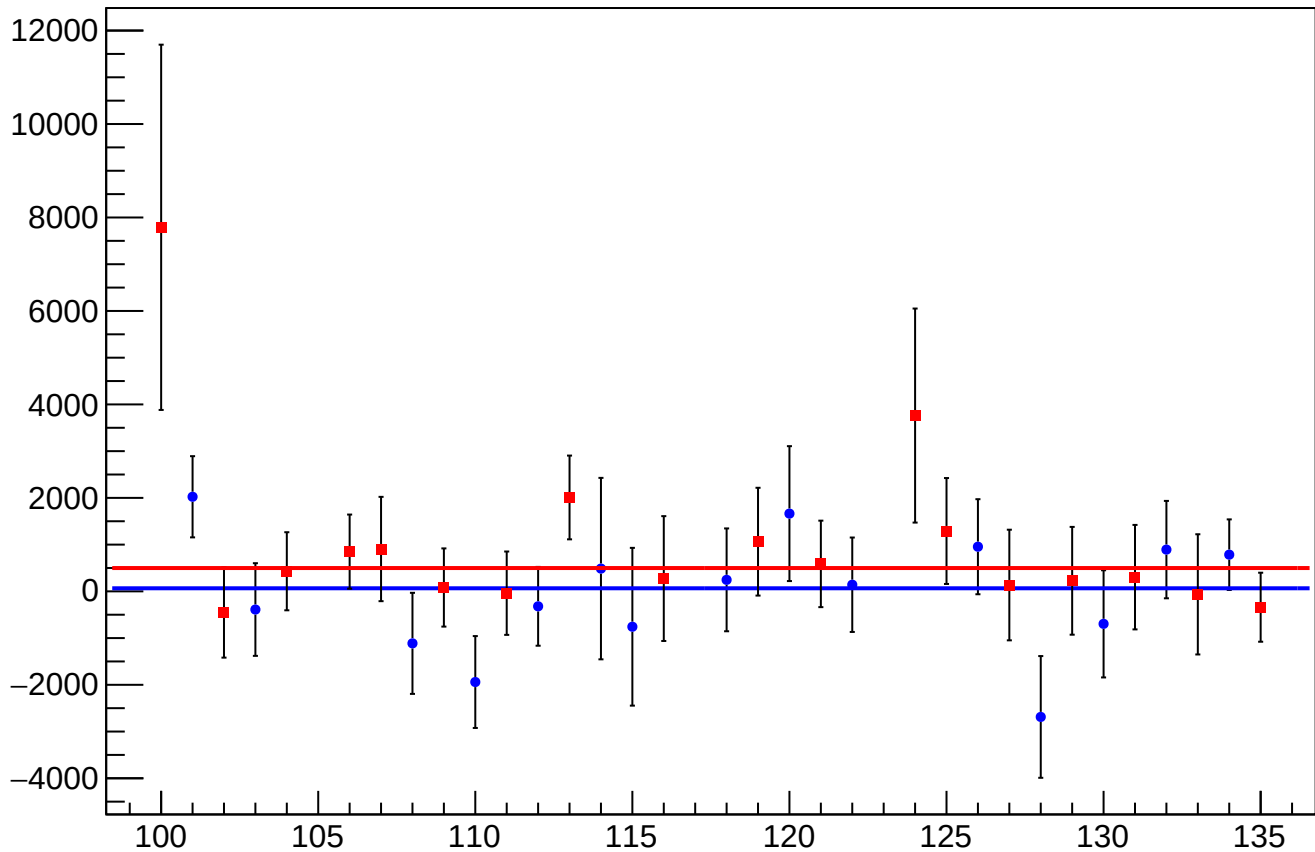
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 612.420+/-0.120 χ^2/NDF : 1010633.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_mean vs Slug



Right In: 65.571 $\pm$ 271.843 χ^2 /NDF: 19.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 498.642 $\pm$ 242.223 χ^2 /NDF: 12.7/17

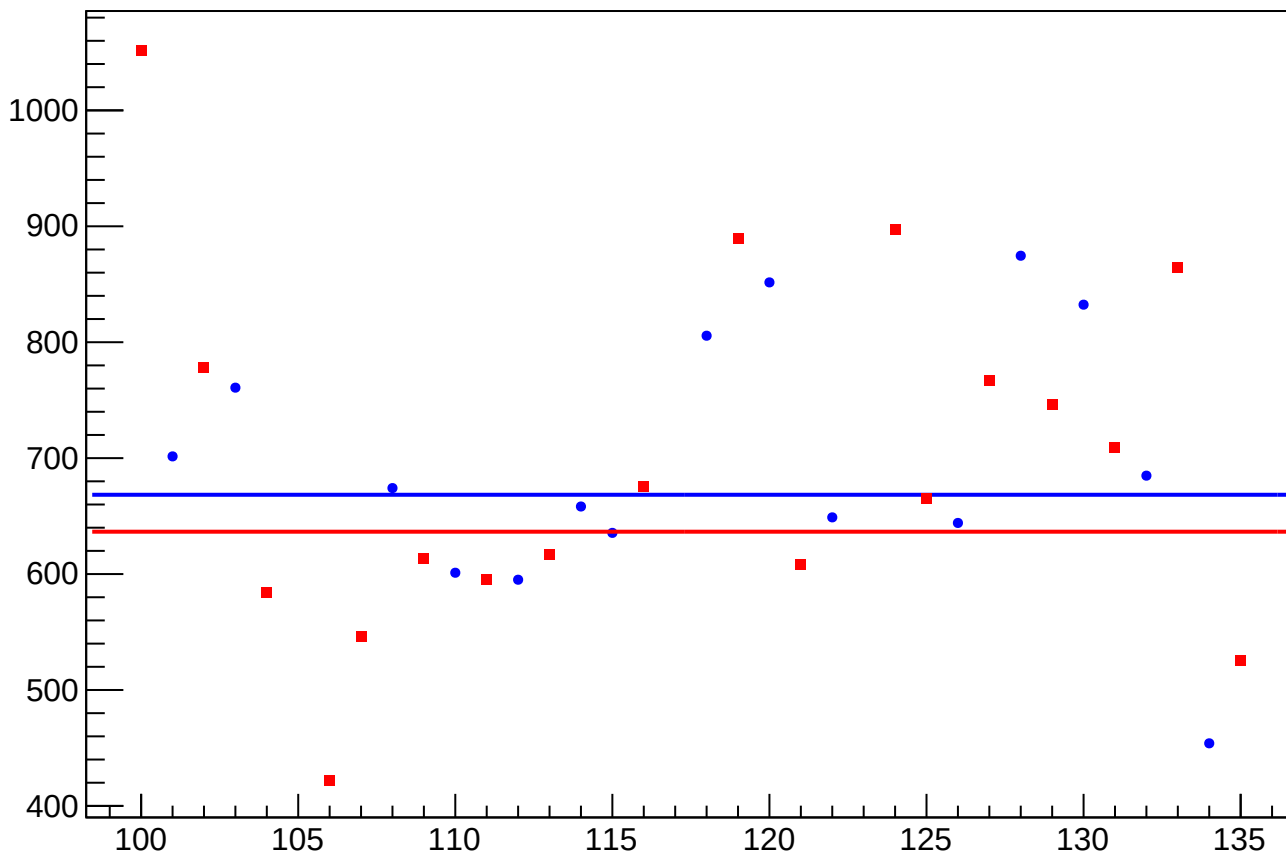
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 306.978 $\pm$ 180.846 χ^2 /NDF: 33.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_rms vs Slug



Right In: 668.405 $\pm$ 0.192 χ^2 /NDF: 363616.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 636.547 $\pm$ 0.171 χ^2 /NDF: 524503.9/17

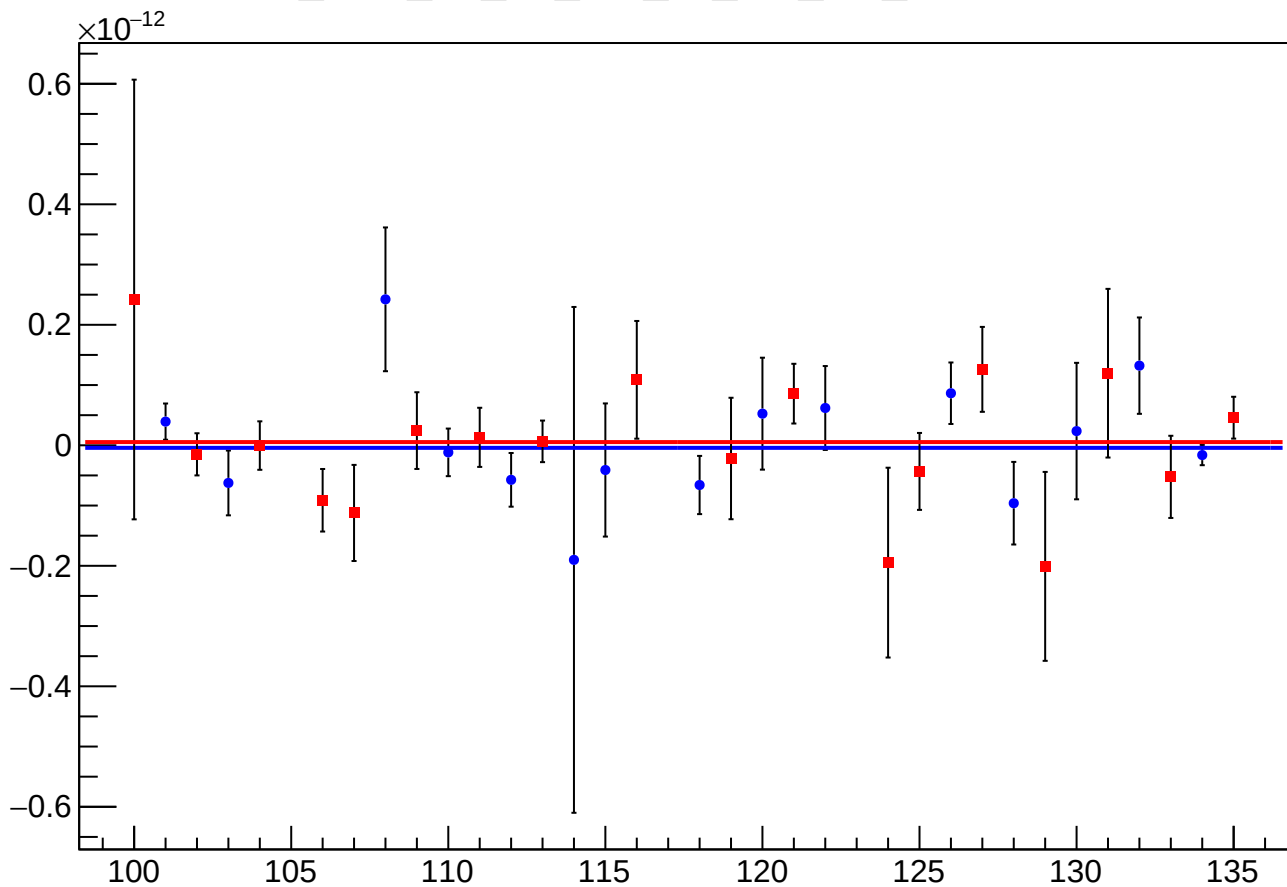
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 650.646 $\pm$ 0.128 χ^2 /NDF: 903432.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 20.0/17

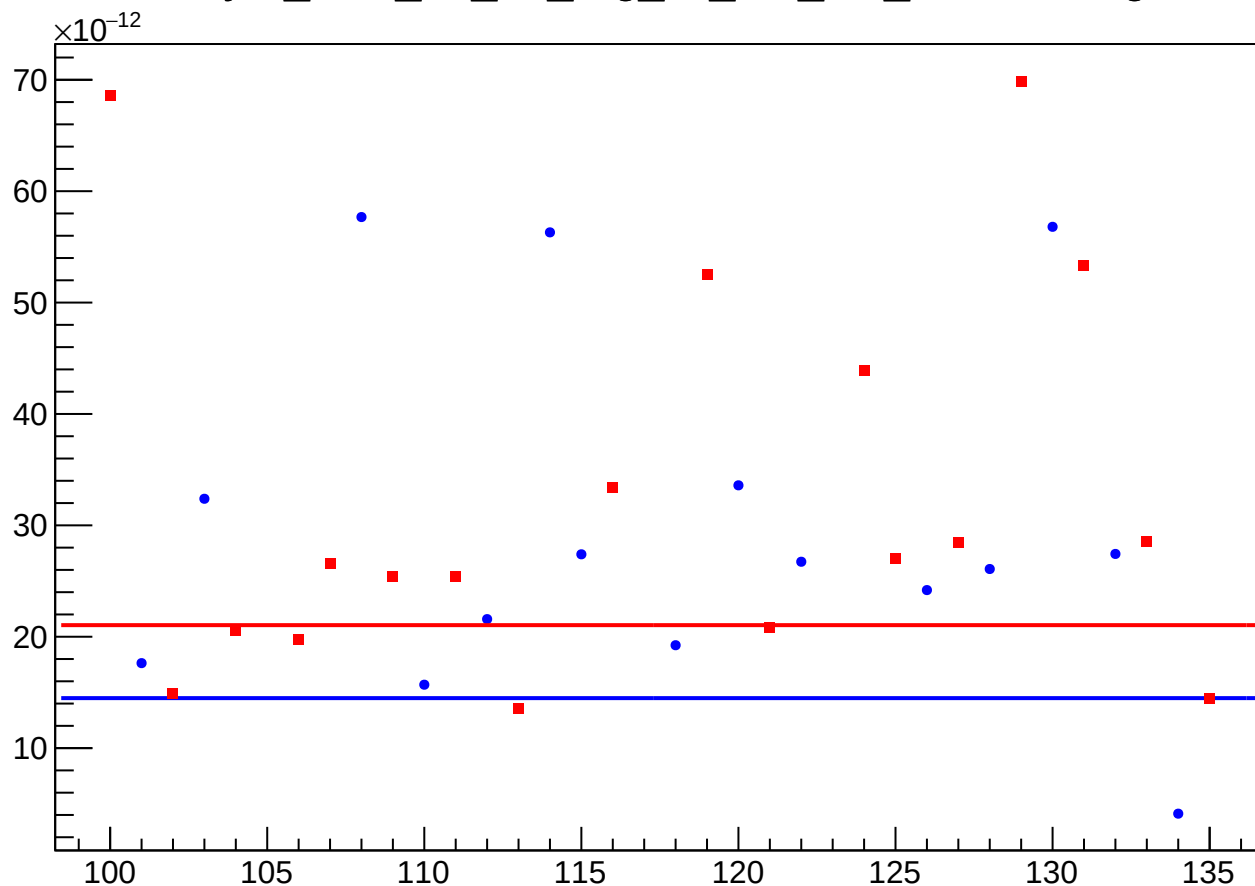
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 40.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1991921.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 932608.9/17

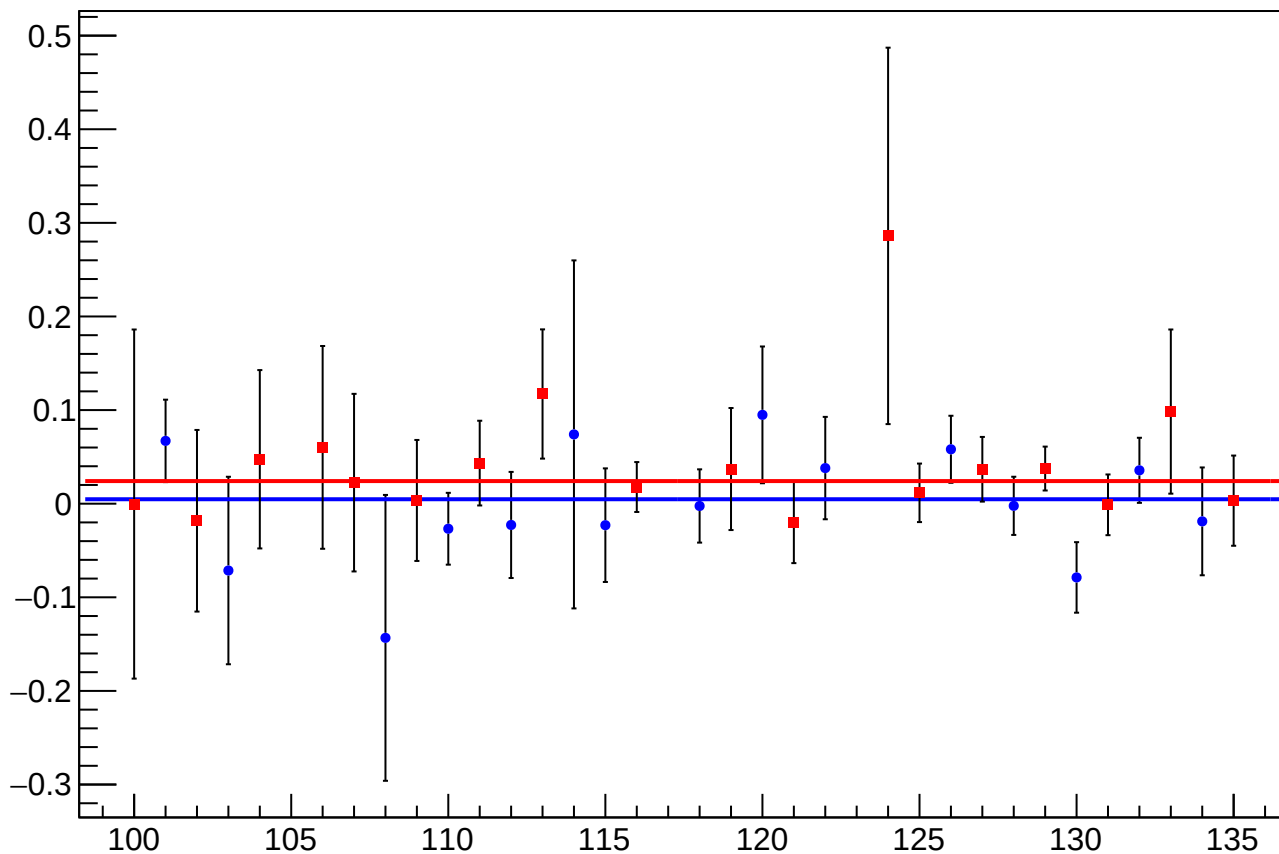
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 3208476.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

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

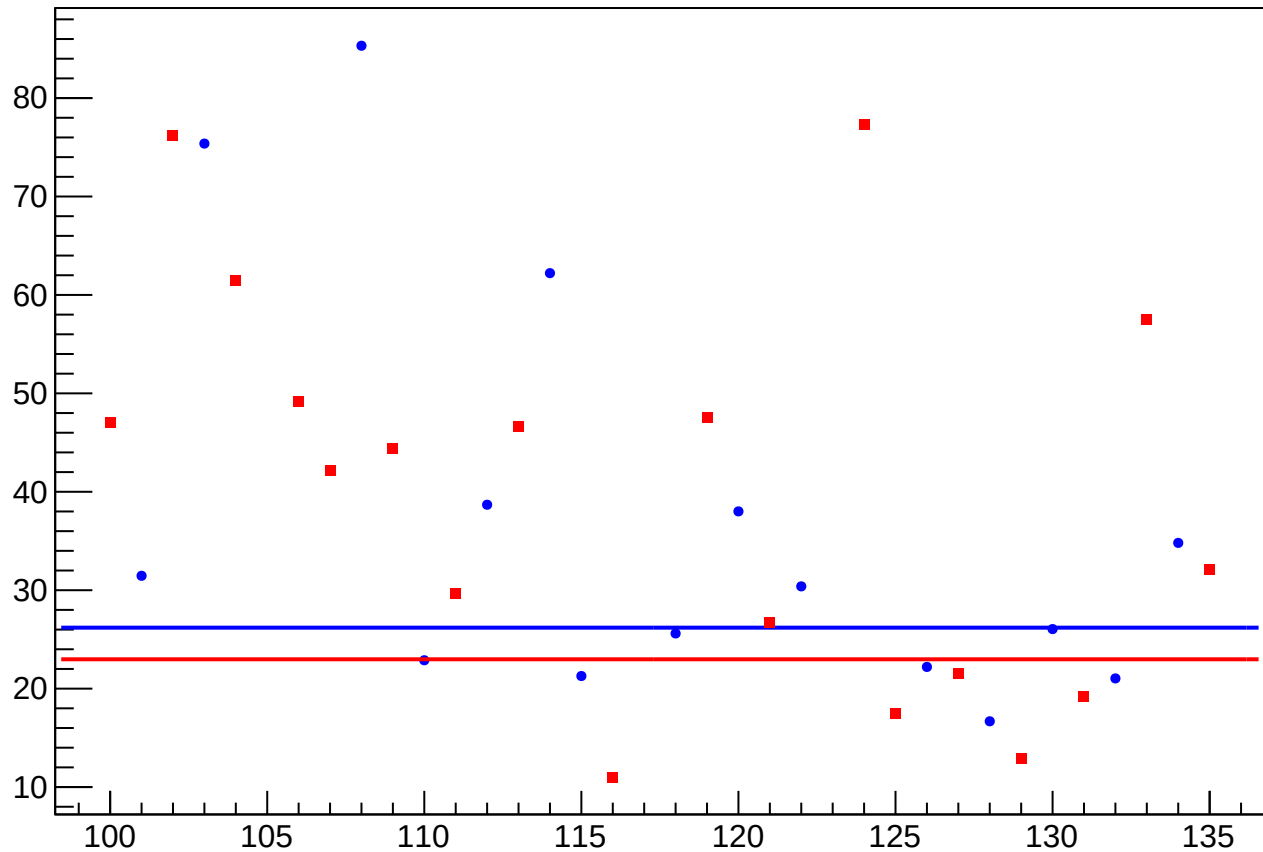
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 26.196 $\pm$ 0.009 χ^2 /NDF: 1376661.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.981 $\pm$ 0.008 χ^2 /NDF: 3357117.8/17

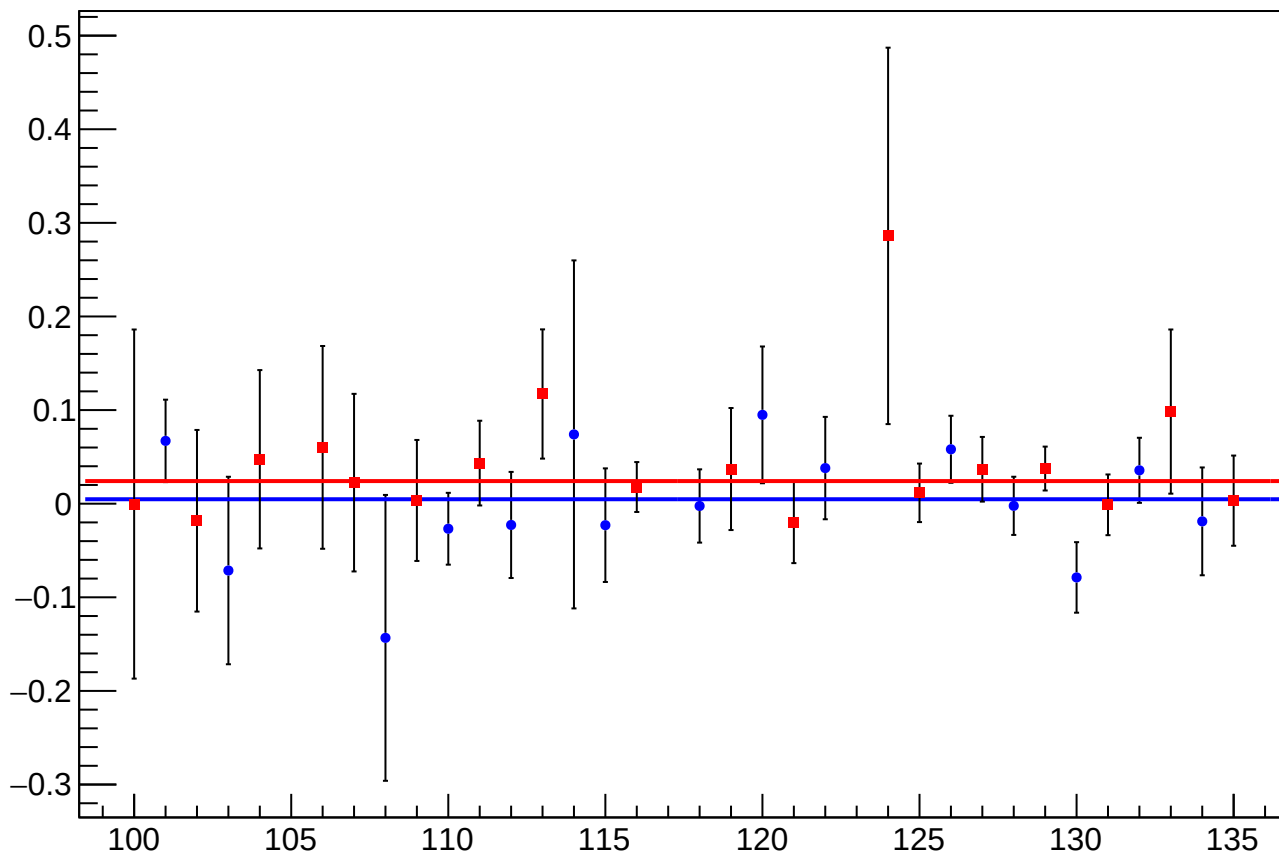
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.382 $\pm$ 0.006 χ^2 /NDF: 4812753.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

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

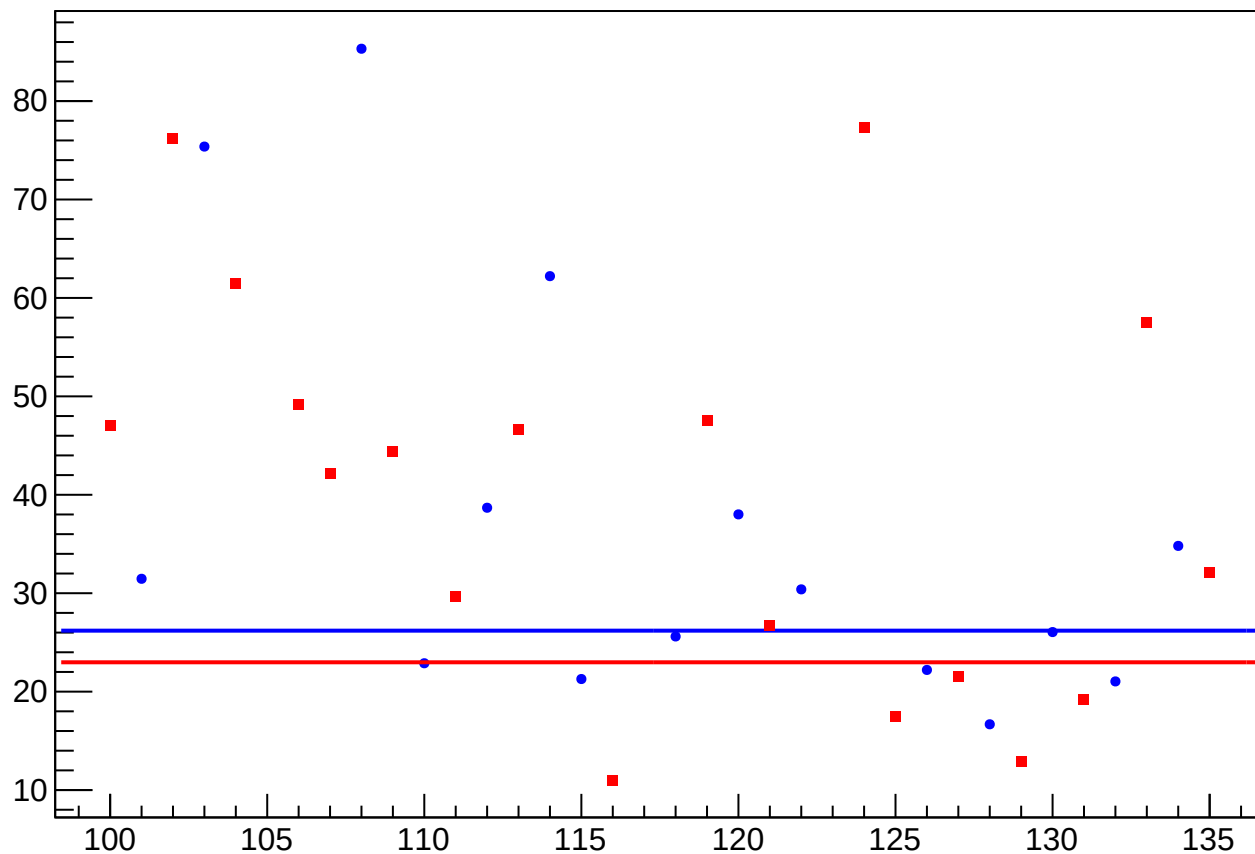
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.196 $\pm$ 0.009 χ^2 /NDF: 1376661.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.981 $\pm$ 0.008 χ^2 /NDF: 3357117.8/17

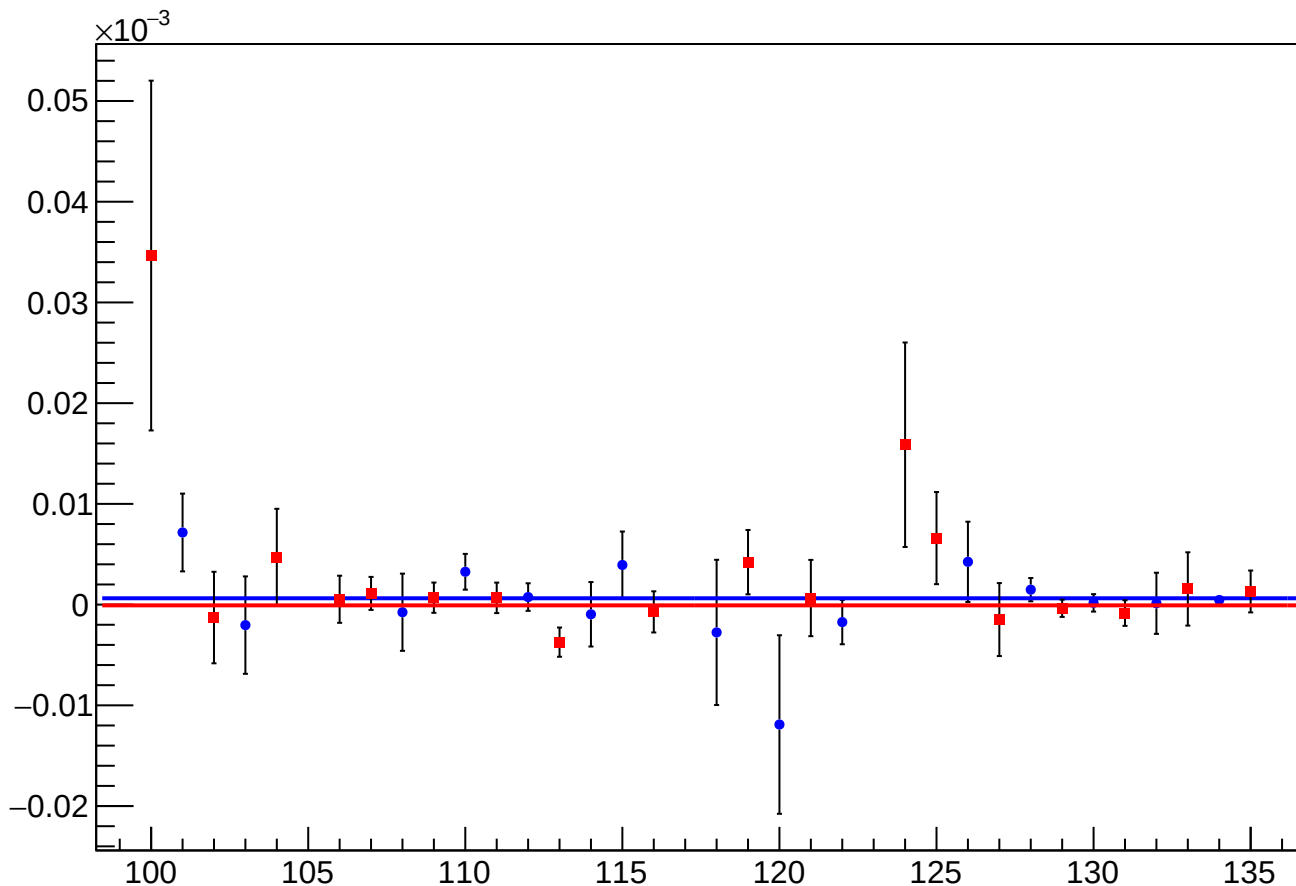
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.382 $\pm$ 0.006 χ^2 /NDF: 4812753.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2/NDF : 11.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2/NDF : 20.3/17

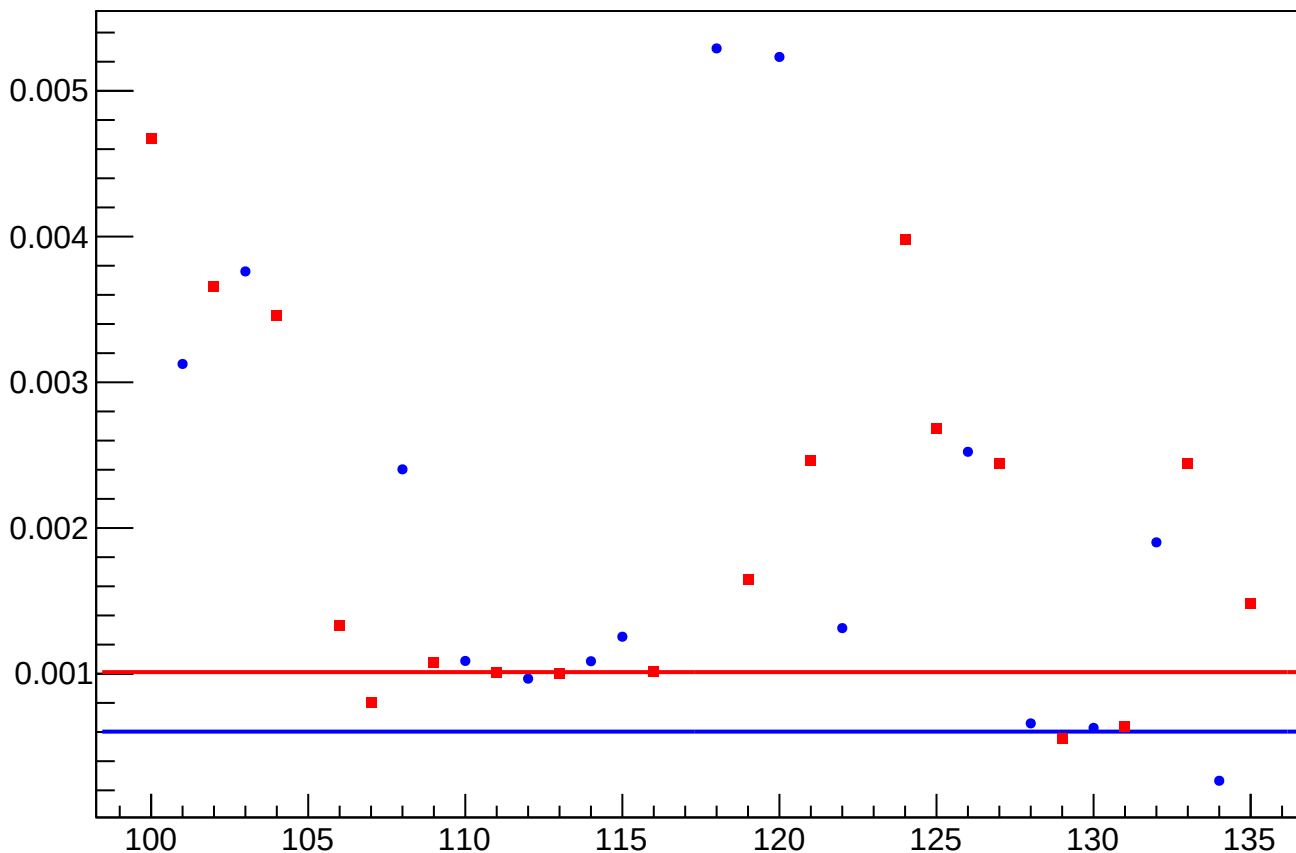
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.000 $\pm$ 0.000 χ^2/NDF : 33.7/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 6020451.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3632117.2/17

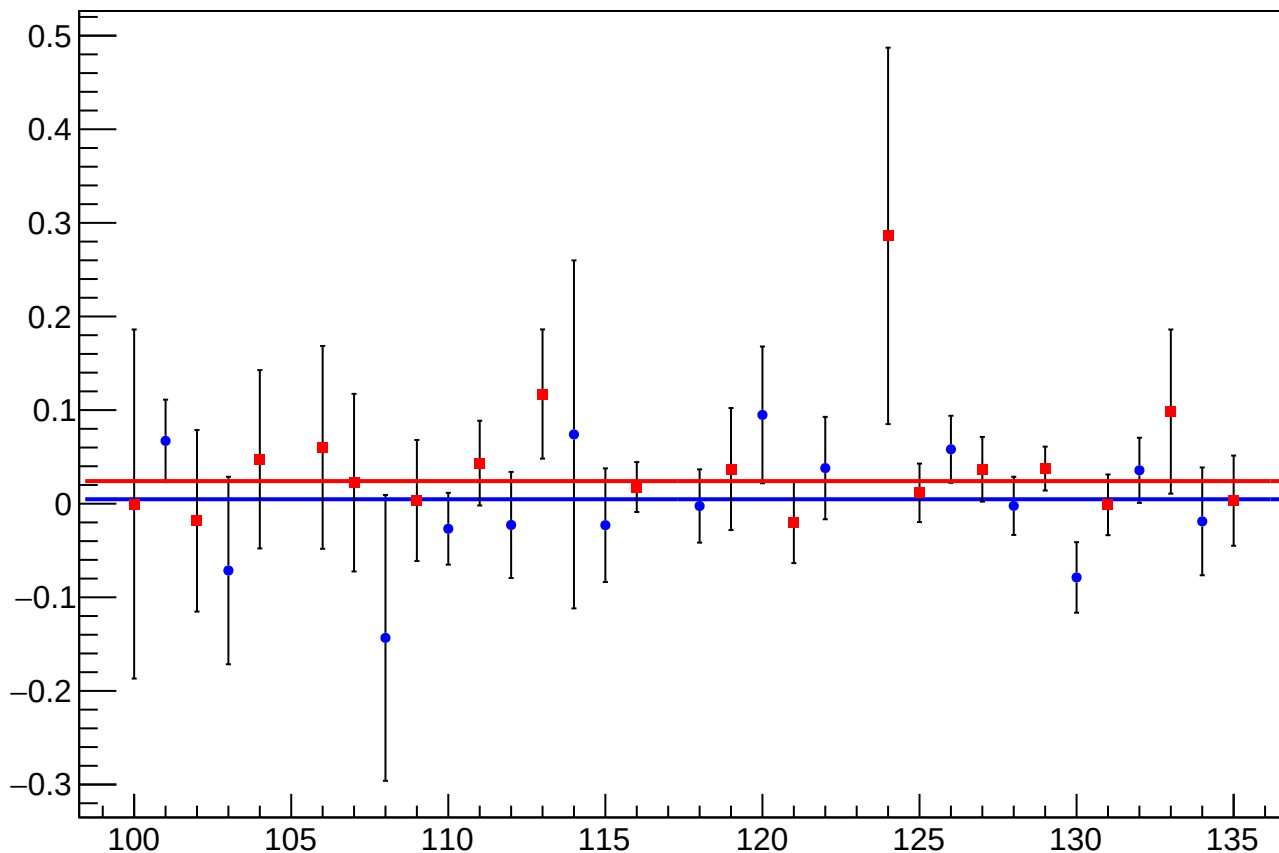
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 10666778.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

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

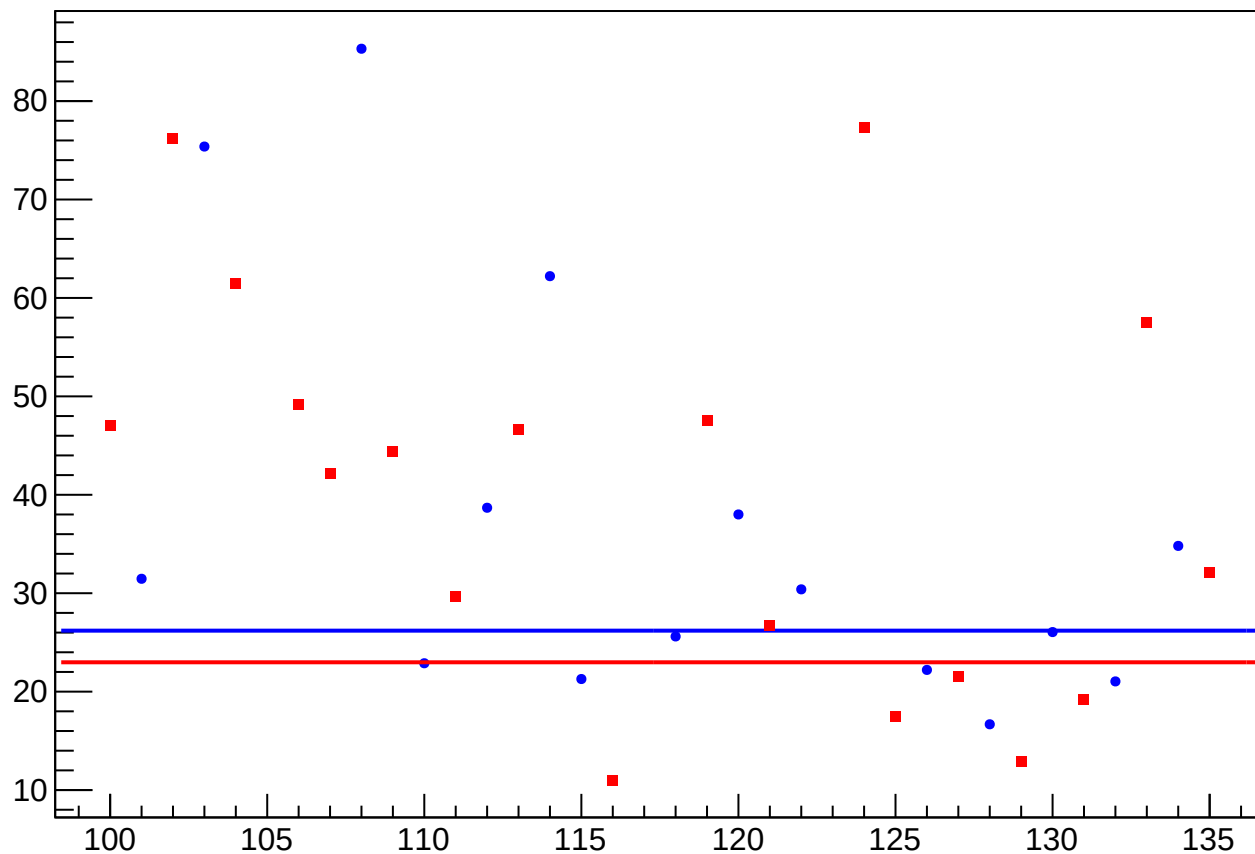
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 26.196 $\pm$ 0.009 χ^2 /NDF: 1376603.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.982 $\pm$ 0.008 χ^2 /NDF: 3356953.0/17

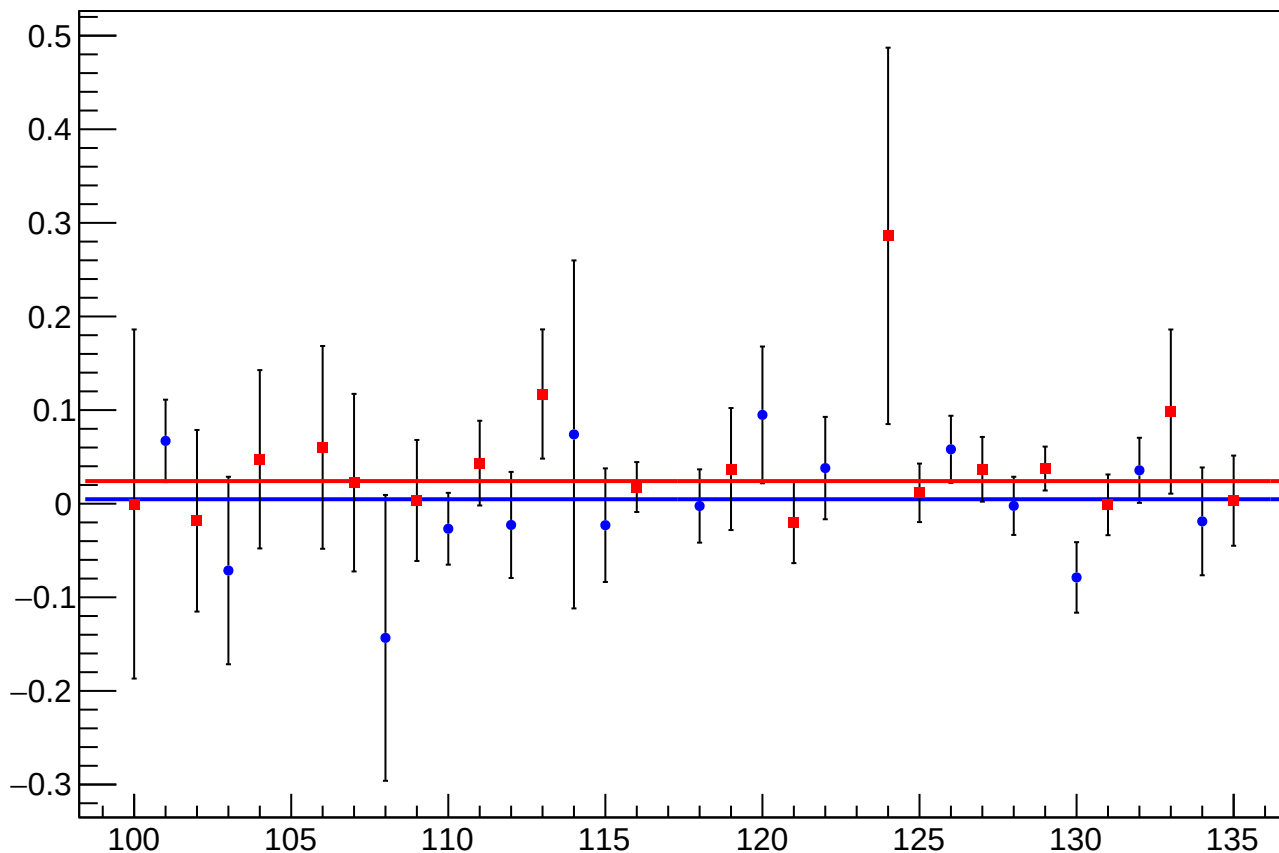
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.383 $\pm$ 0.006 χ^2 /NDF: 4812531.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.005 $\pm$ 0.012 χ^2 /NDF: 14.9/14

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

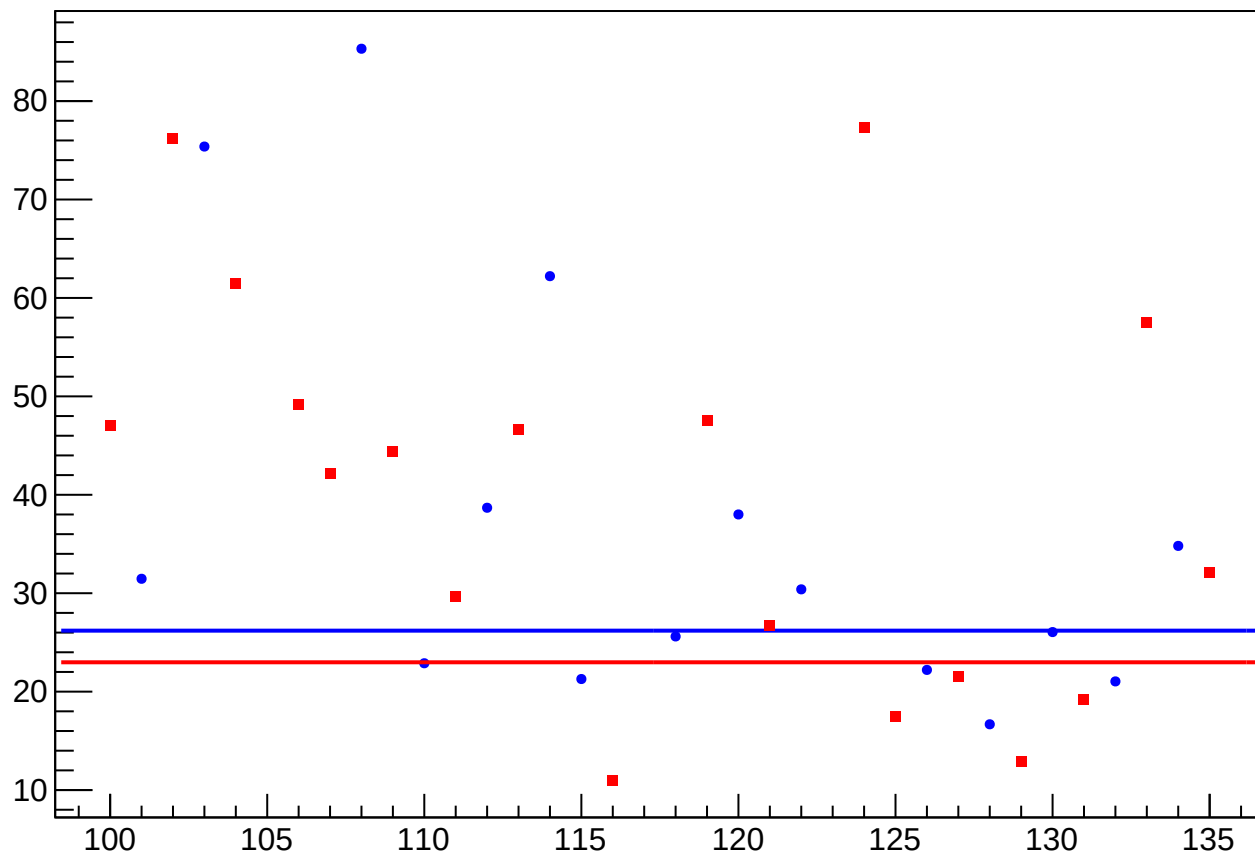
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.016 $\pm$ 0.008 χ^2 /NDF: 23.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 26.196 $\pm$ 0.009 χ^2 /NDF: 1376603.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.982 $\pm$ 0.008 χ^2 /NDF: 3356953.0/17

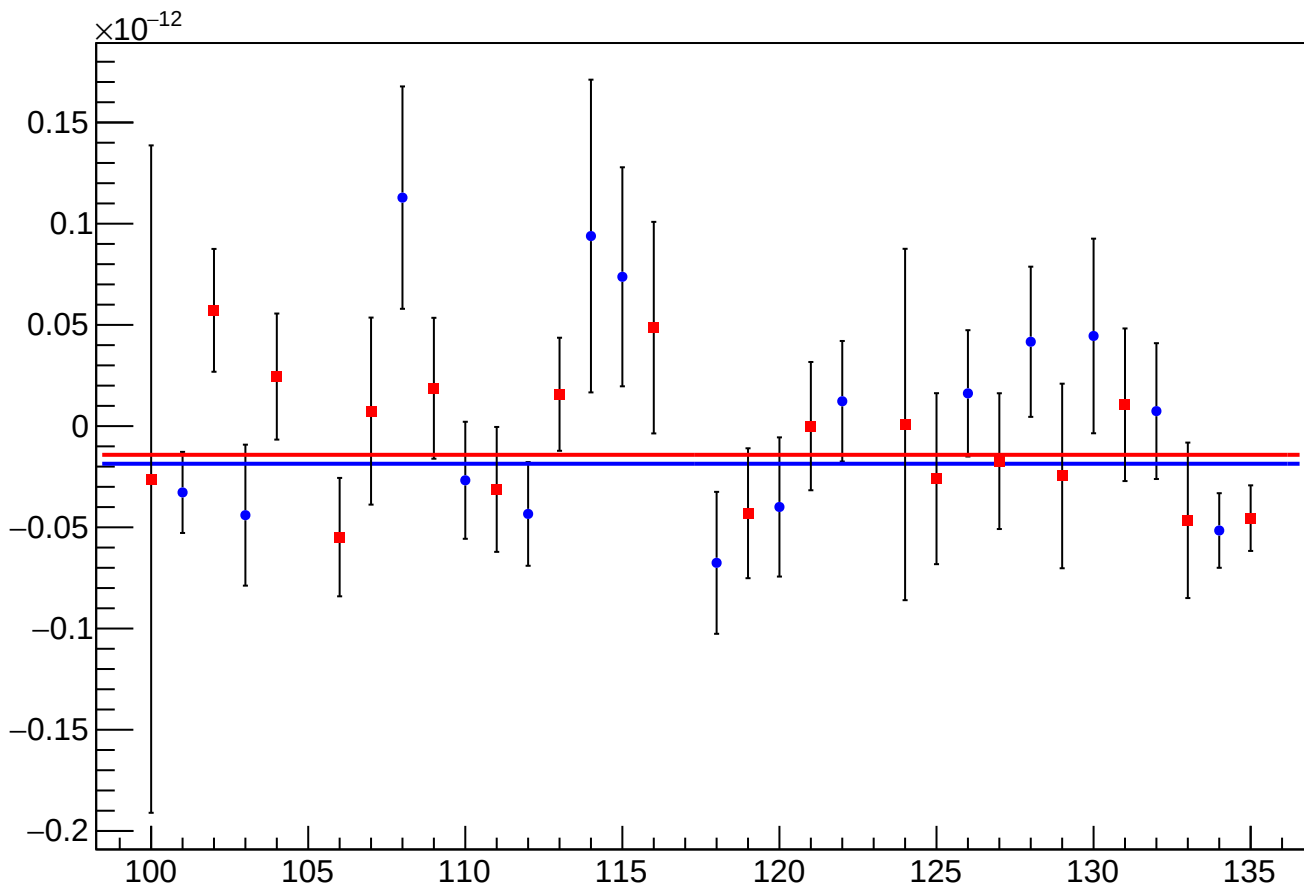
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 24.383 $\pm$ 0.006 χ^2 /NDF: 4812531.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 25.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 19.1/17

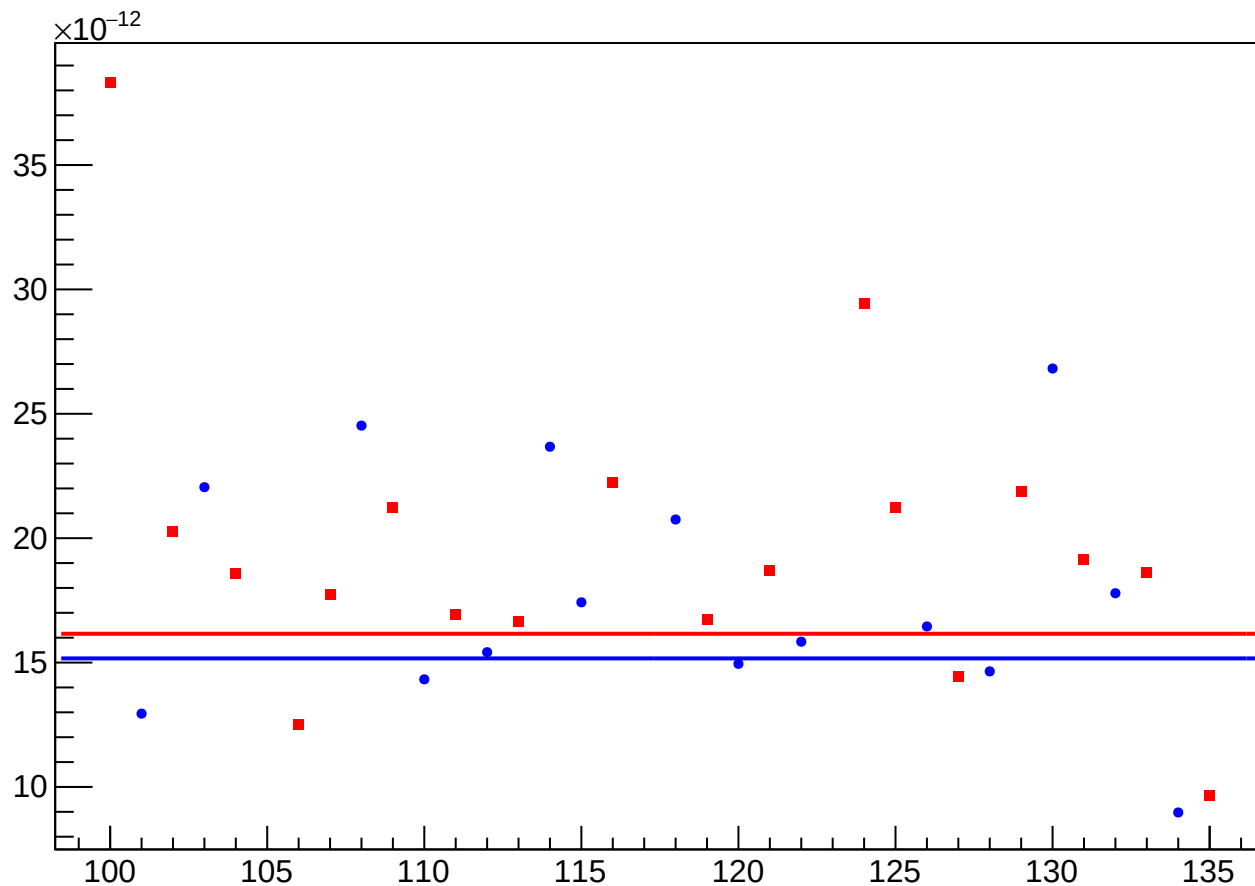
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 44.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 601625.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 657676.0/17

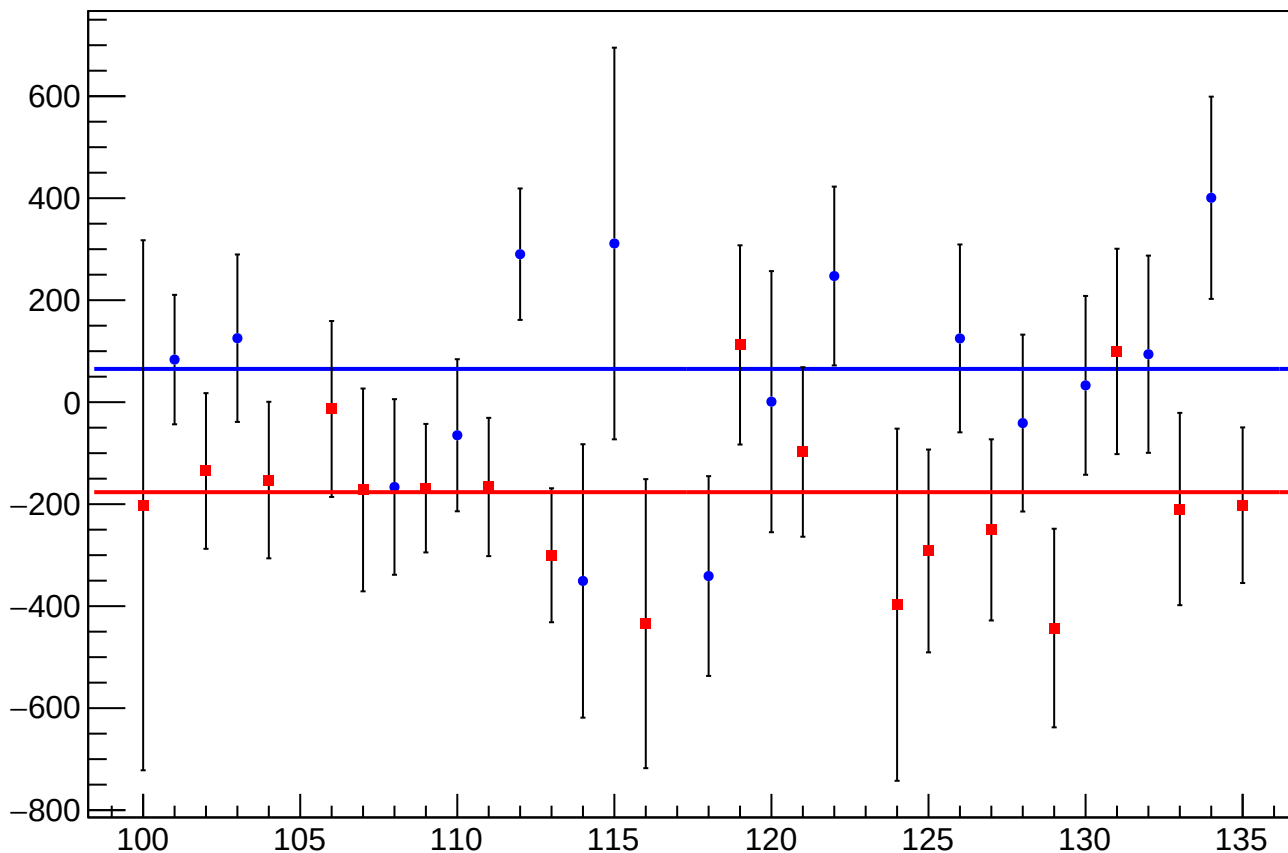
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1275099.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_mean vs Slug



Right In: 65.198+/-45.642 χ^2/NDF : 17.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -176.448+/-41.323 χ^2/NDF : 9.9/17

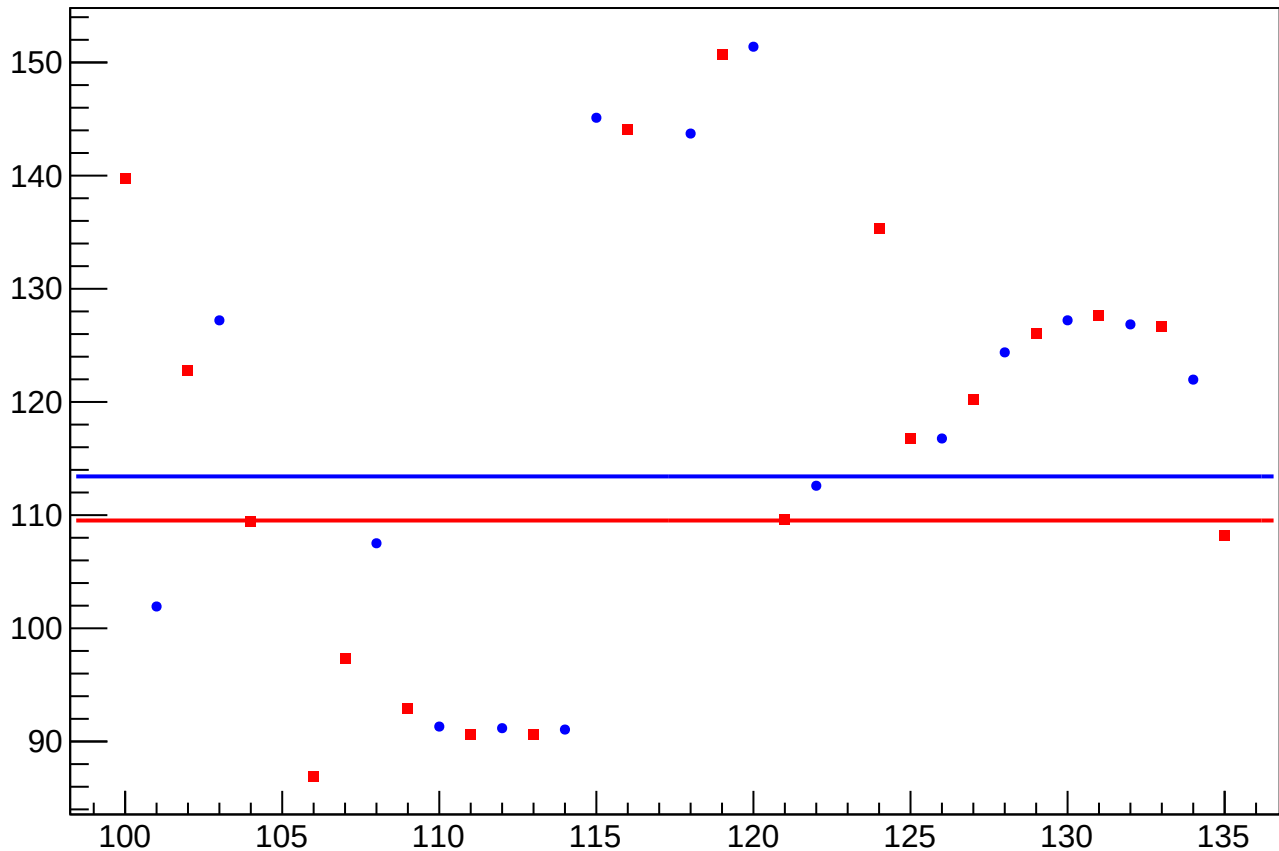
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -67.597+/-30.633 χ^2/NDF : 42.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_rms vs Slug



Right In: 113.421+/-0.032 χ^2/NDF : 290230.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.526+/-0.029 χ^2/NDF : 365926.7/17

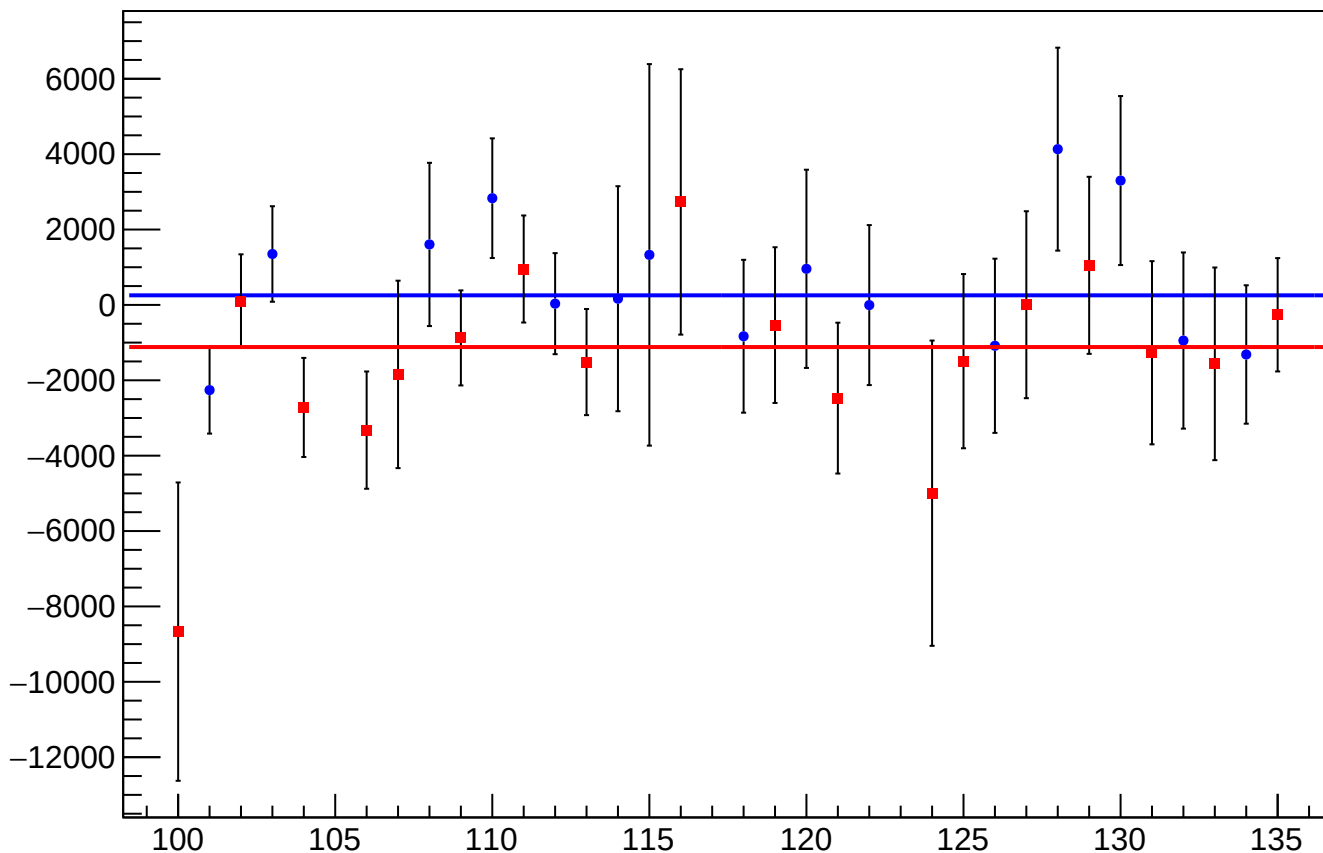
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.281+/-0.022 χ^2/NDF : 664164.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_correction_mean vs Slug



Right In: 254.692 $\pm$ 482.047 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1117.922 $\pm$ 429.563 χ^2 /NDF: 14.5/17

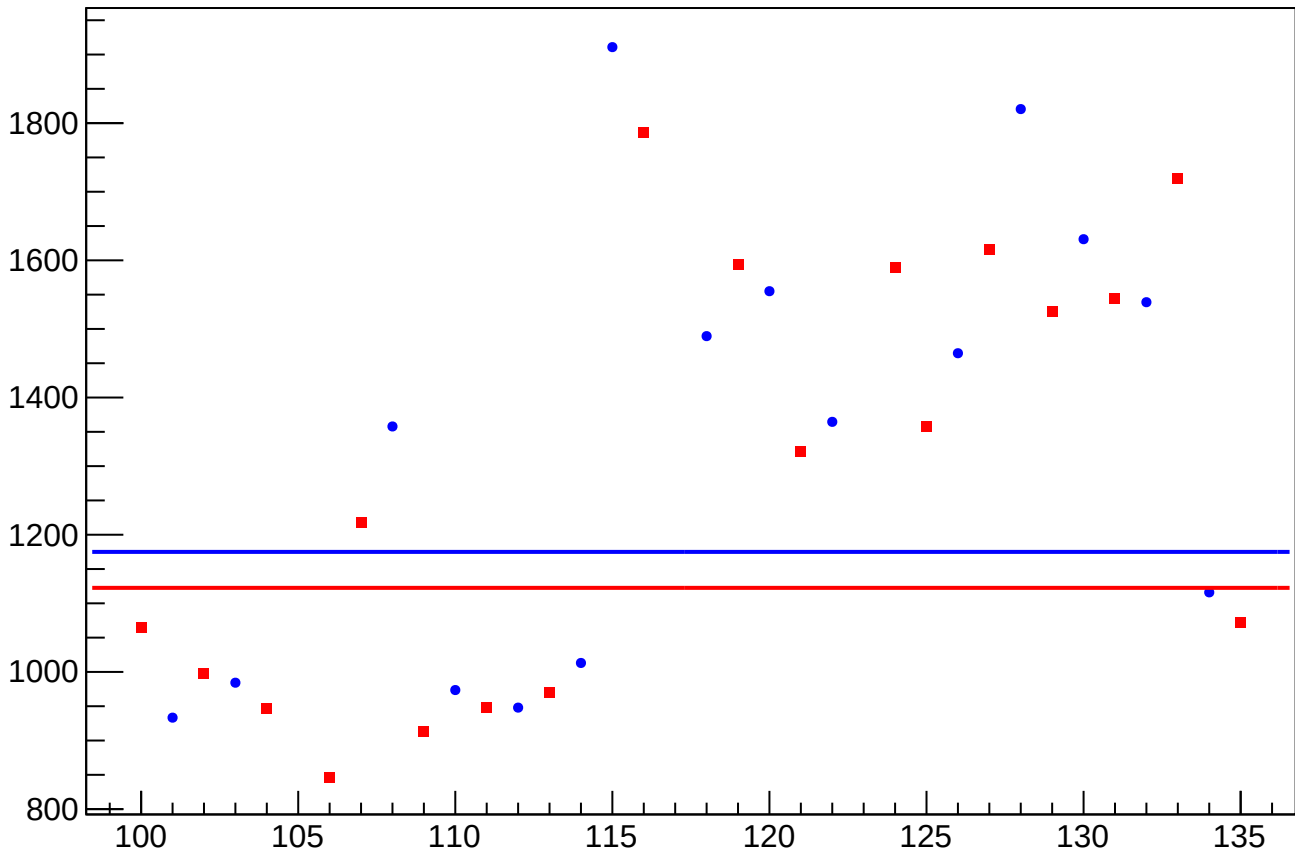
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -510.381 $\pm$ 320.703 χ^2 /NDF: 33.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_correction_rms vs Slug



Right In: 1174.983+/-0.341 χ^2/NDF : 670215.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

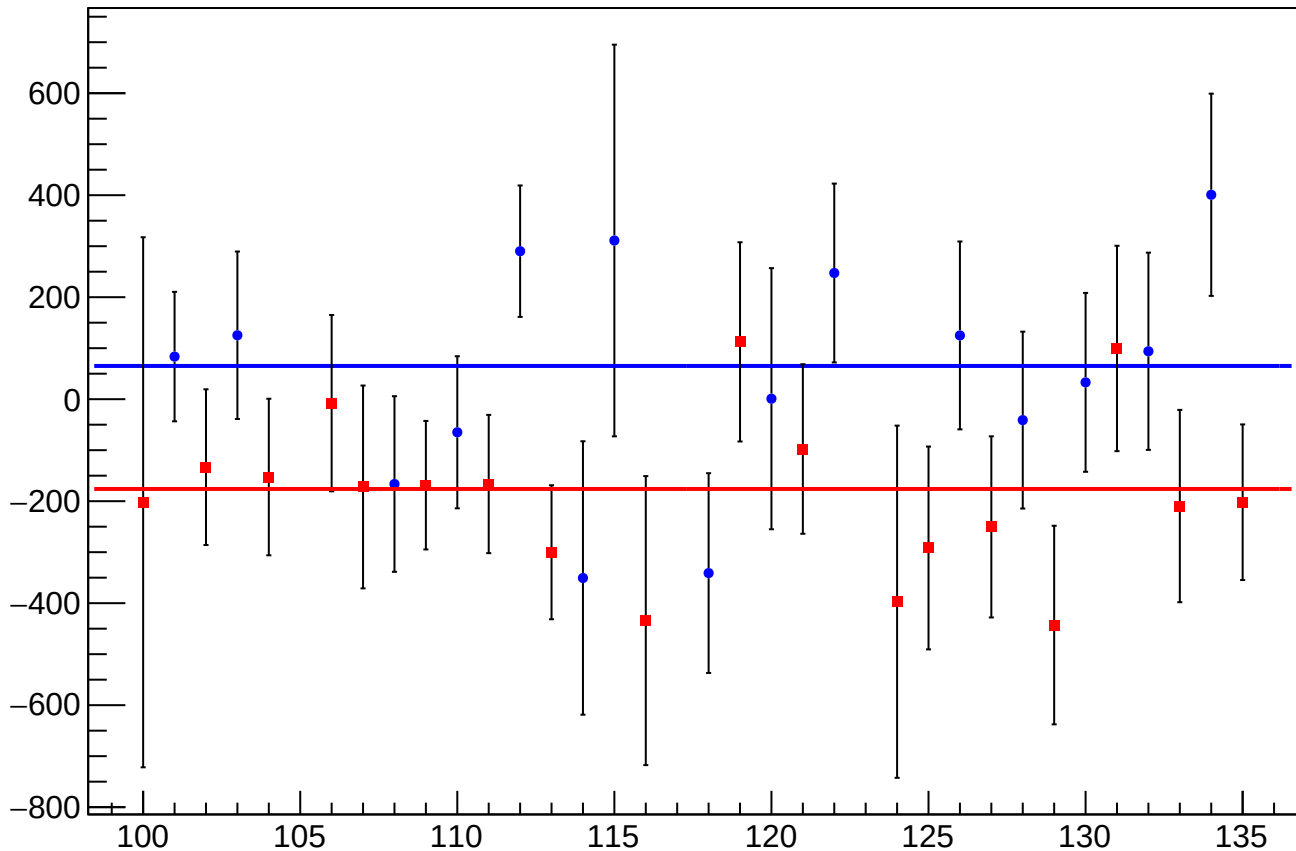
Right Out: 1122.558+/-0.304 χ^2/NDF : 782039.5/17

All: 1145.762+/-0.227 χ^2/NDF : 1465440.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_48_dd_mean vs Slug



Right In: 65.181 $\pm$ 45.642 χ^2 /NDF: 17.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -176.043 $\pm$ 41.328 χ^2 /NDF: 9.9/17

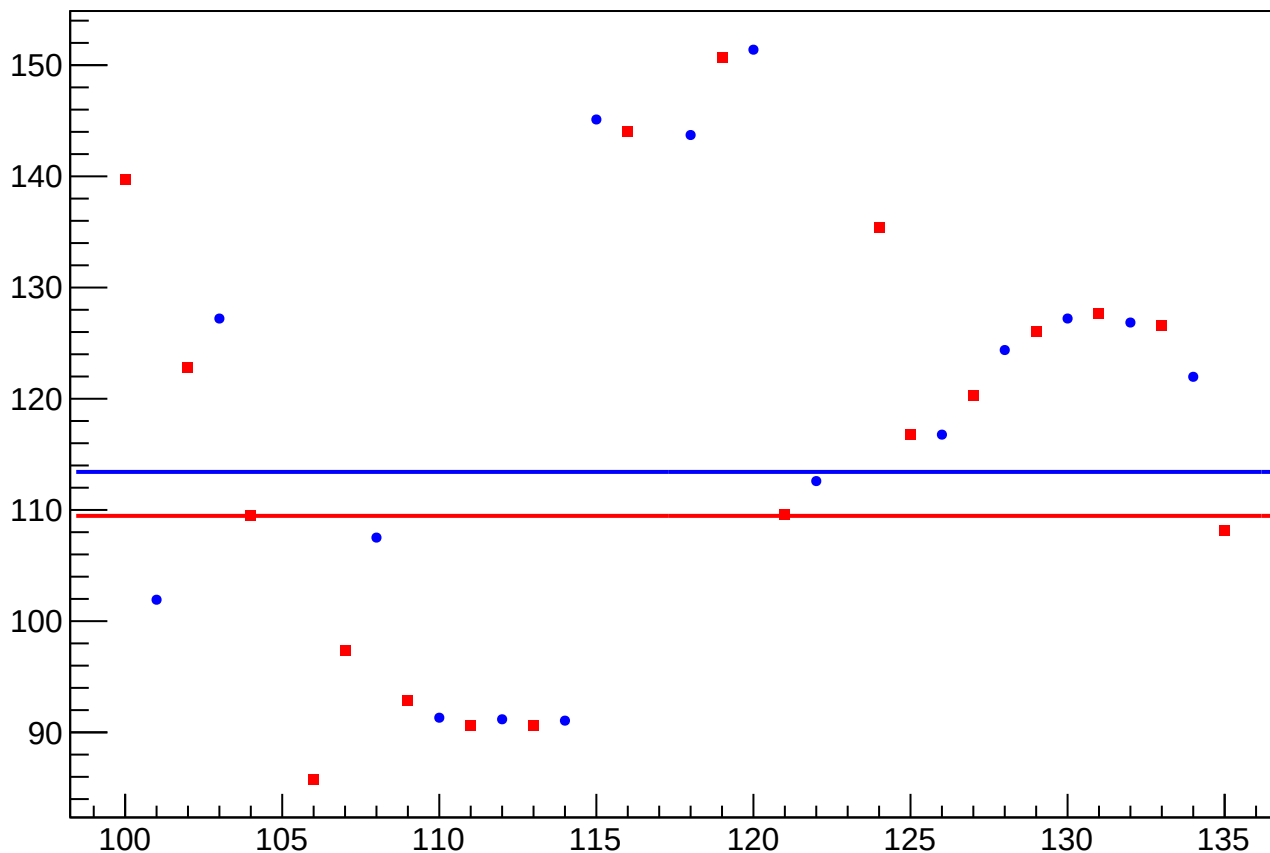
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.366 $\pm$ 30.635 χ^2 /NDF: 42.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_48_dd_rms vs Slug



Right In: 113.422 ± 0.032 χ^2/NDF : 290231.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

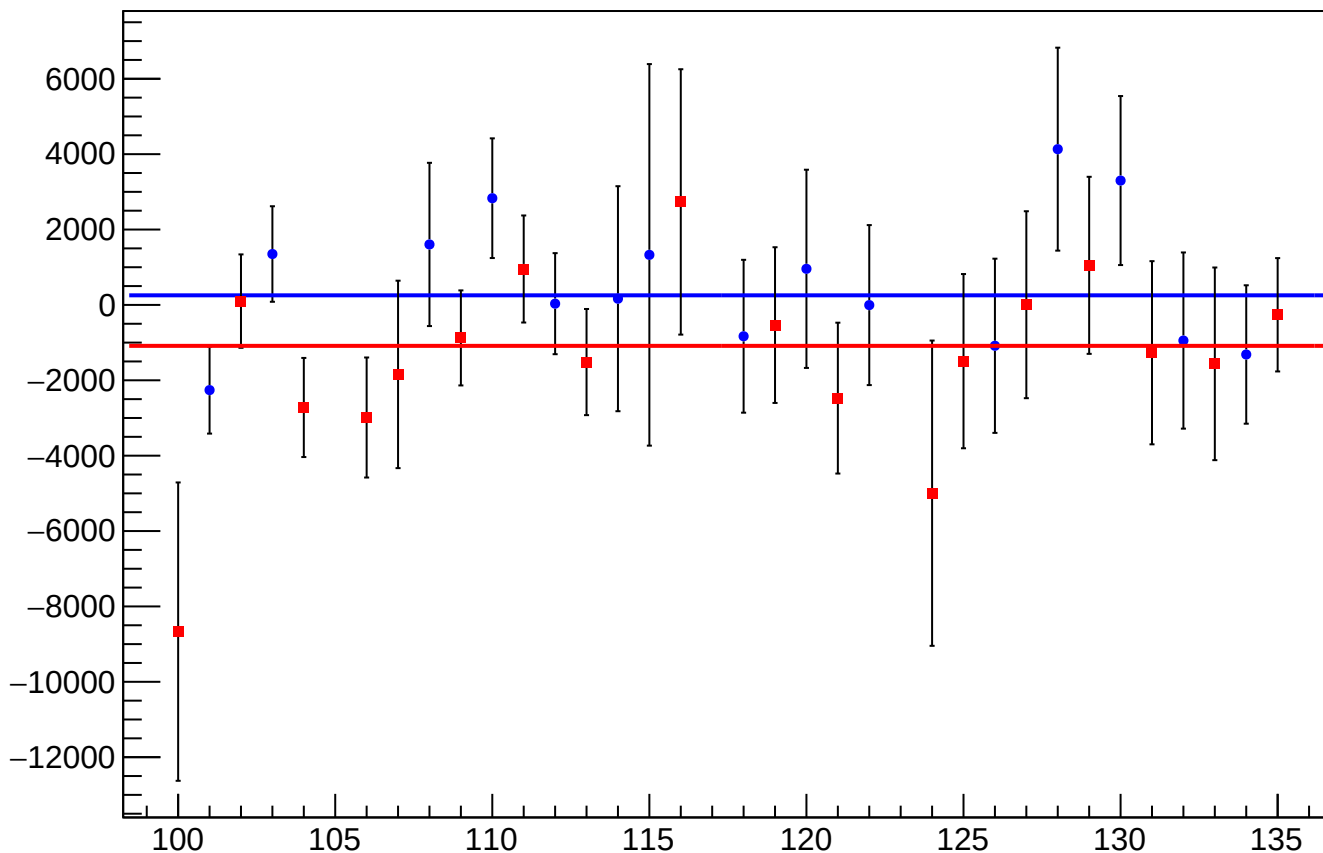
Right Out: 109.468 ± 0.029 χ^2/NDF : 369443.5/17

All: 111.249 ± 0.022 χ^2/NDF : 667920.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_cor_correction_mean vs Slug



Right In: 254.590 $\pm$ 482.052 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1086.220 $\pm$ 430.333 χ^2 /NDF: 13.9/17

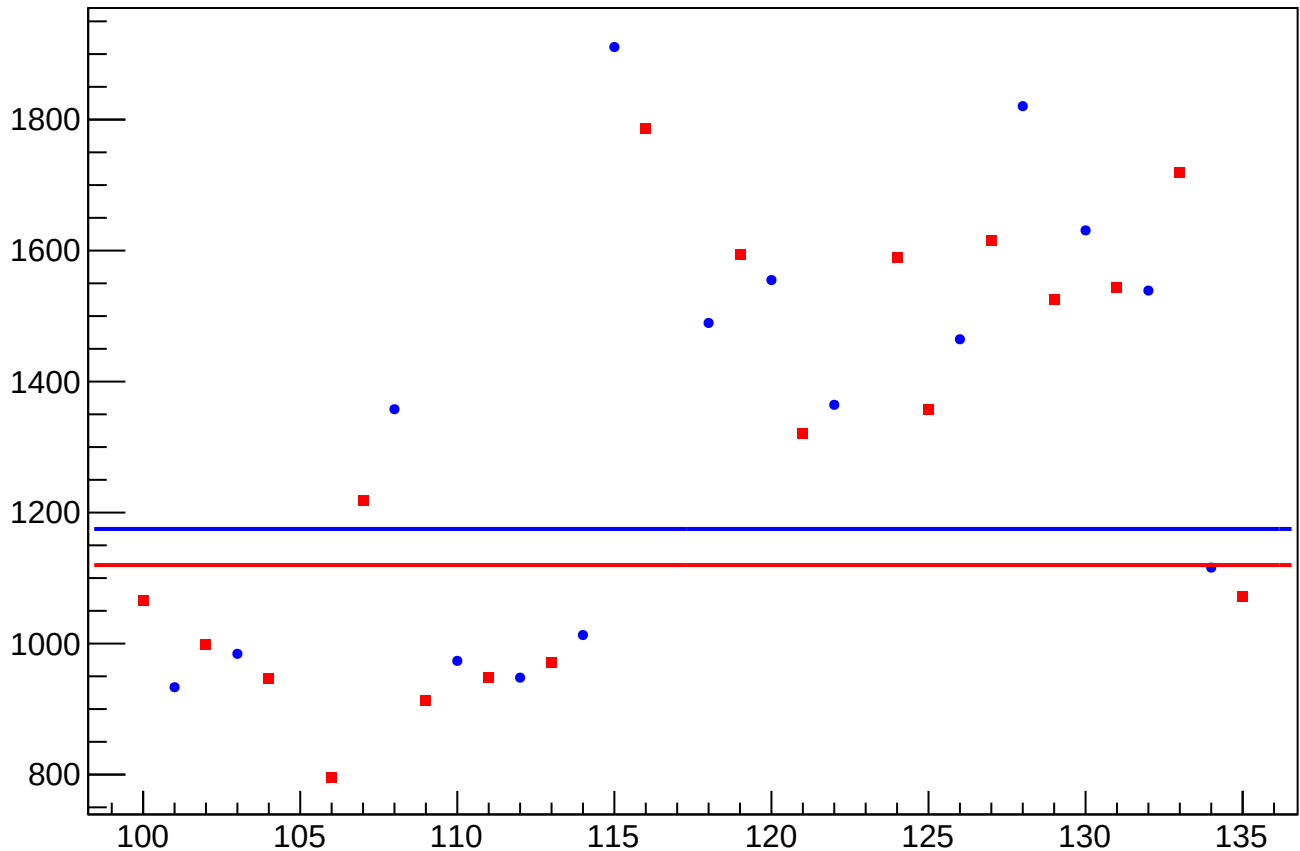
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -491.576 $\pm$ 321.025 χ^2 /NDF: 32.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_cor_correction_rms vs Slug



Right In: 1174.995+/-0.341 χ^2/NDF : 670181.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1119.884+/-0.304 χ^2/NDF : 802965.3/17

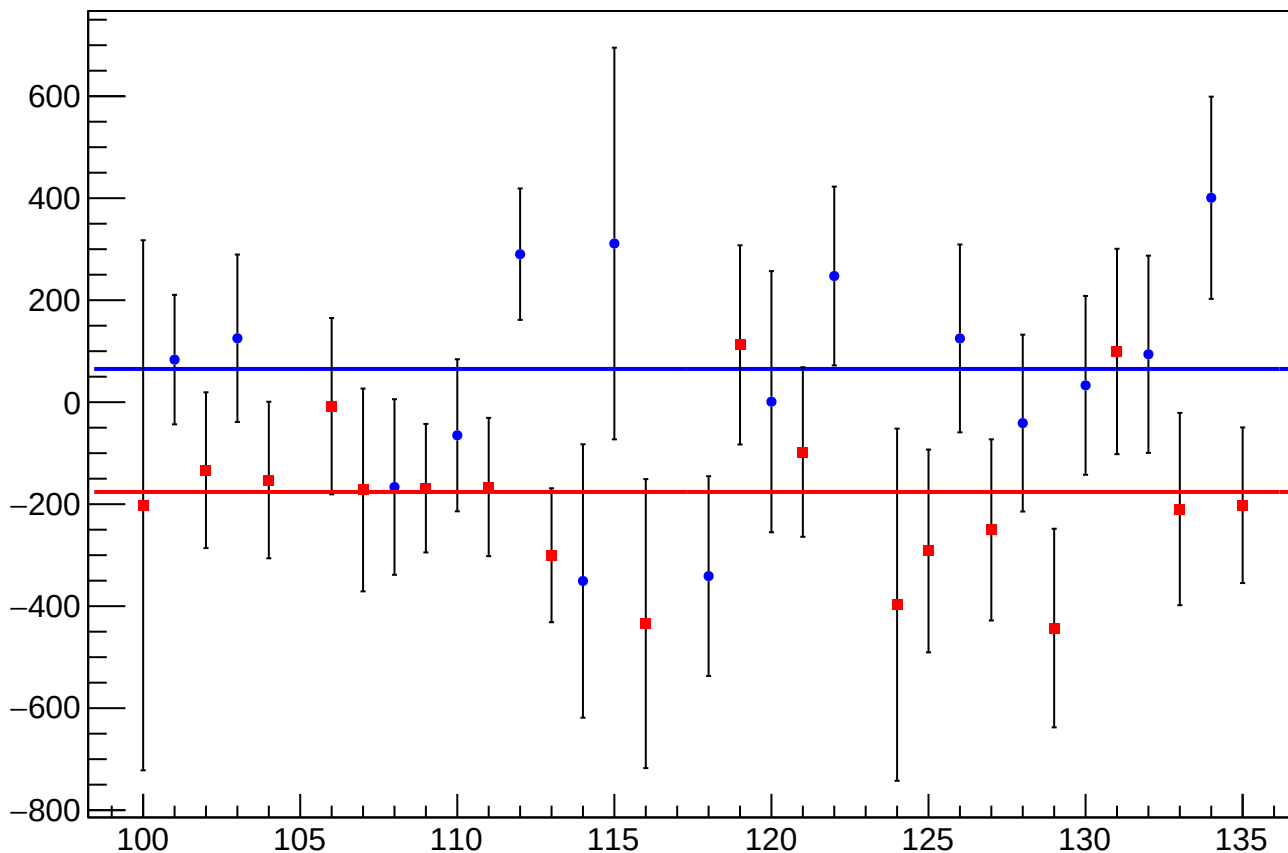
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1144.325+/-0.227 χ^2/NDF : 1487694.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_48_dd_mean vs Slug



Right In: 65.181 $\pm$ 45.642 χ^2 /NDF: 17.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -176.043 $\pm$ 41.328 χ^2 /NDF: 9.9/17

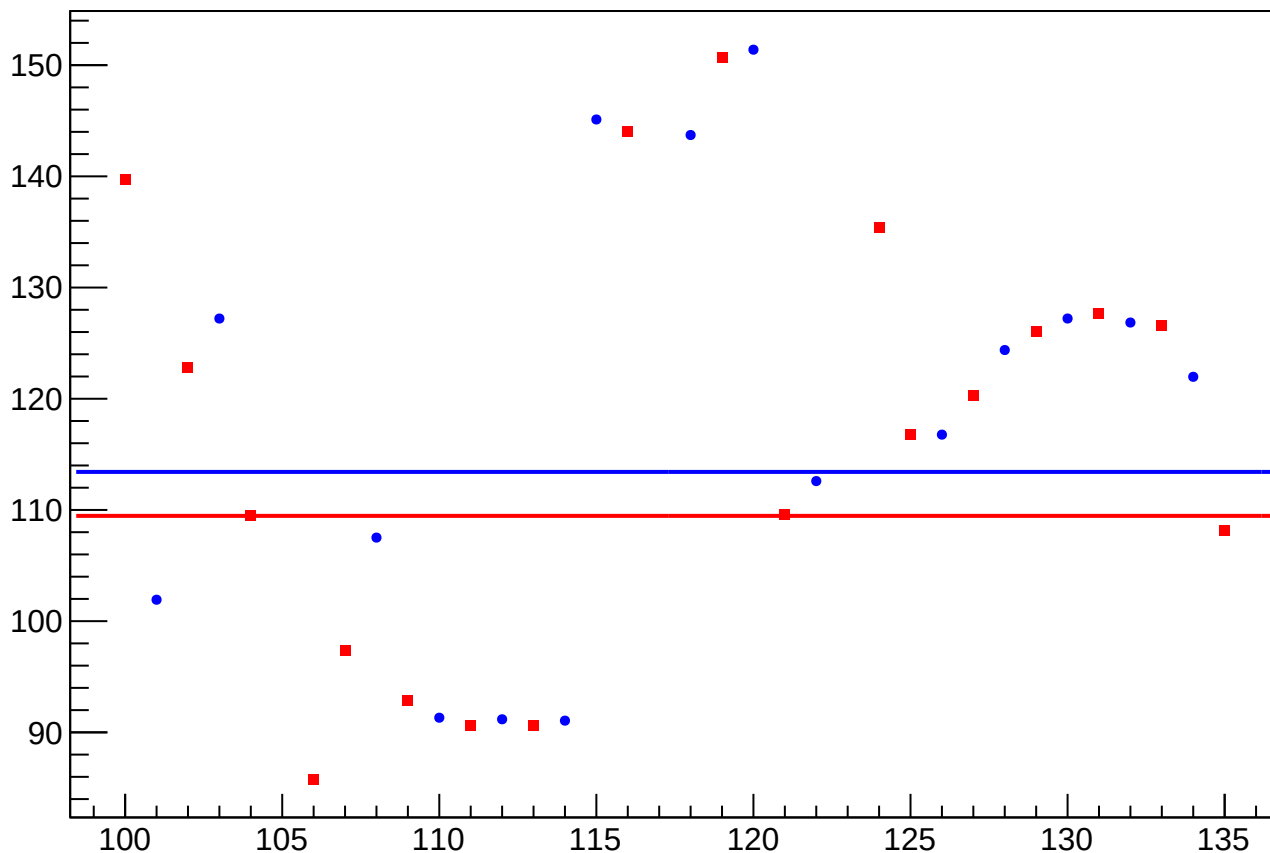
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -67.366 $\pm$ 30.635 χ^2 /NDF: 42.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_48_dd_rms vs Slug



Right In: 113.422+/-0.032 χ^2/NDF : 290231.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 109.468+/-0.029 χ^2/NDF : 369443.5/17

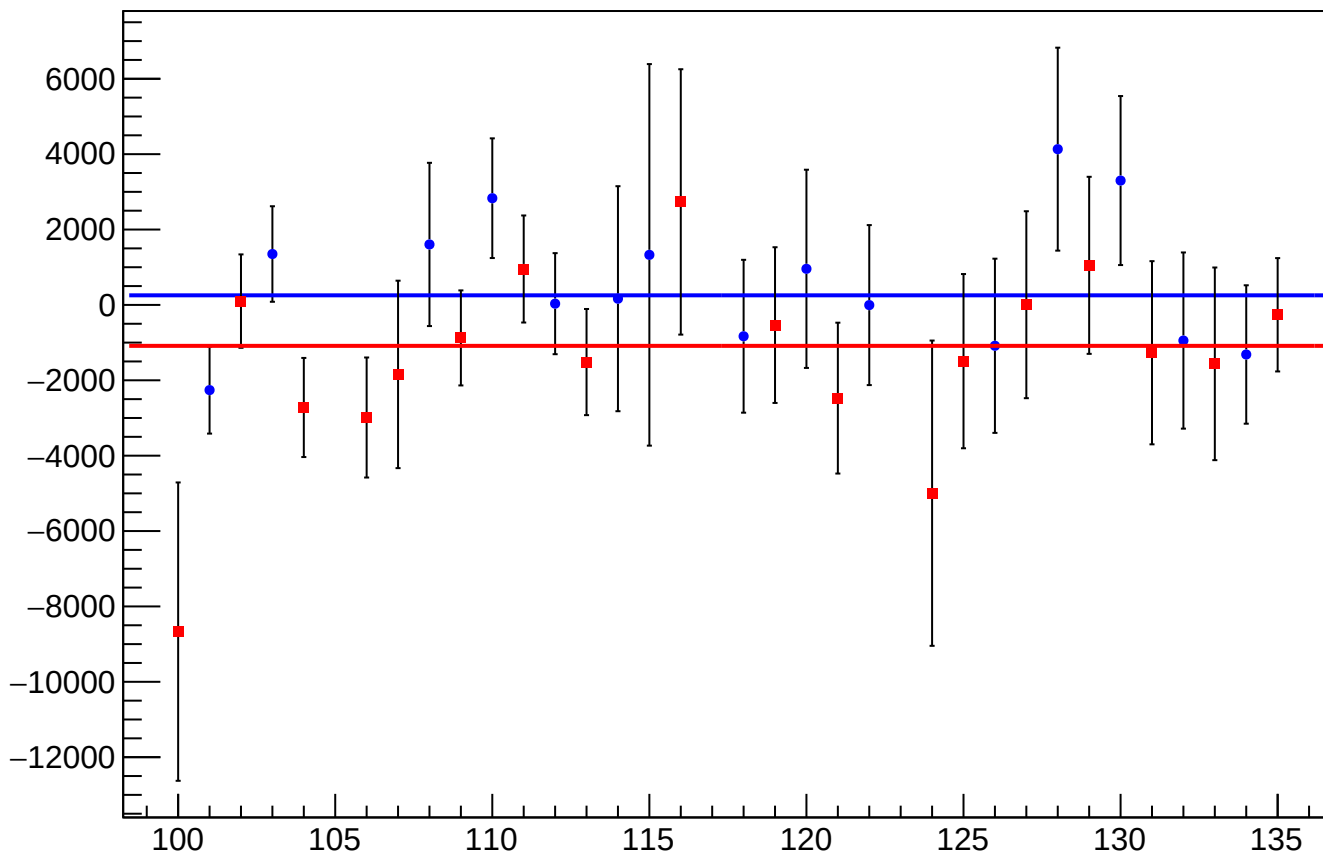
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.249+/-0.022 χ^2/NDF : 667920.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_correction_mean vs Slug



Right In: 254.590 $\pm$ 482.052 χ^2 /NDF: 14.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1086.220 $\pm$ 430.333 χ^2 /NDF: 13.9/17

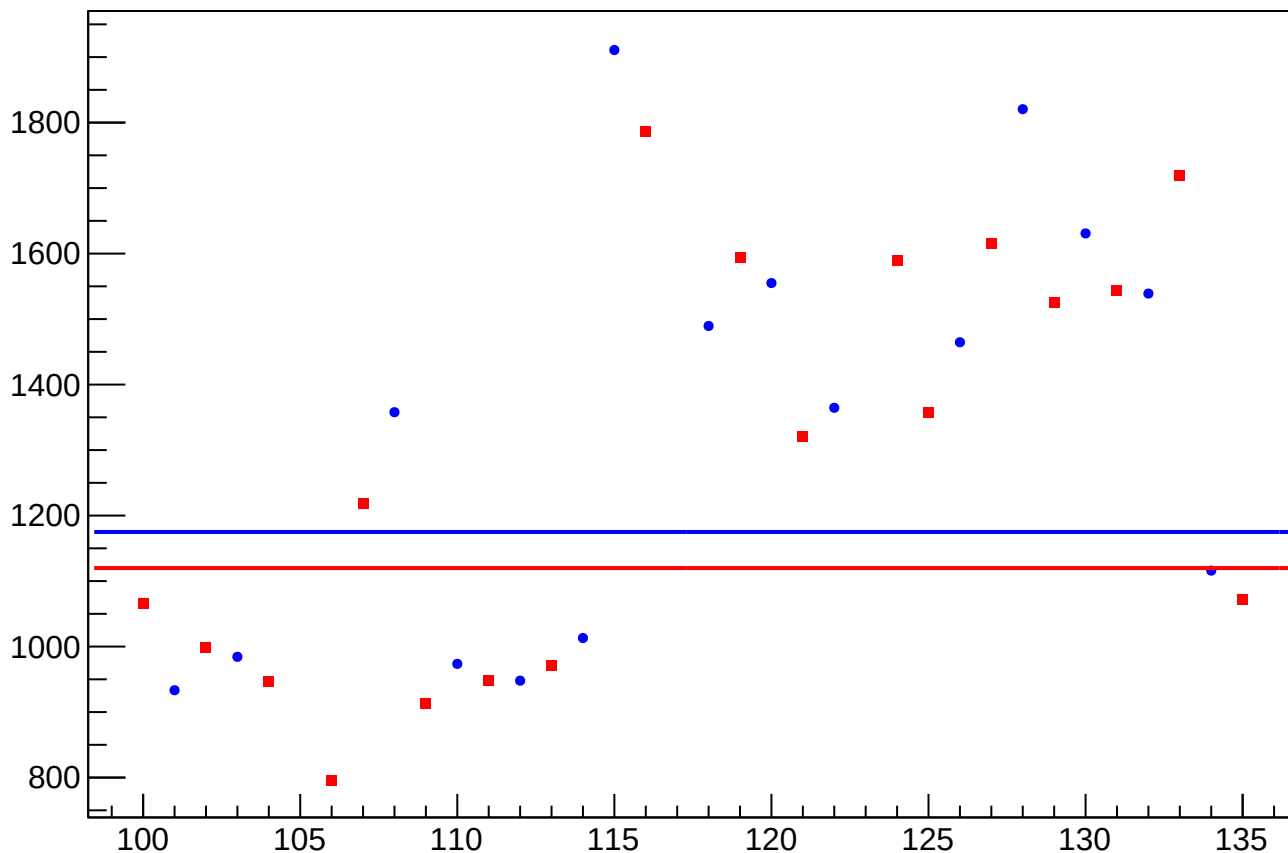
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -491.576 $\pm$ 321.025 χ^2 /NDF: 32.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_correction_rms vs Slug



Right In: 1174.995+/-0.341 χ^2 /NDF: 670181.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

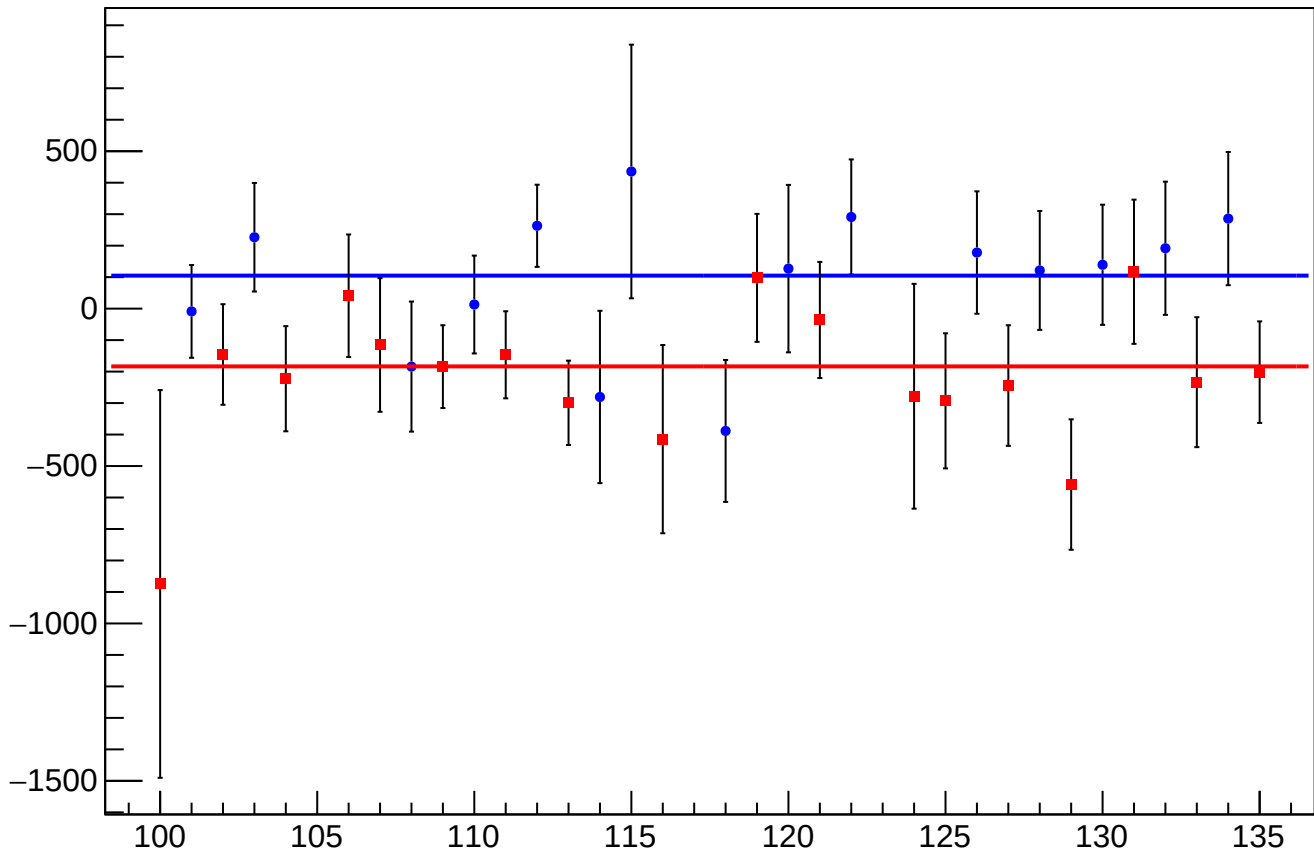
Right Out: 1119.884+/-0.304 χ^2 /NDF: 802965.3/17

All: 1144.325+/-0.227 χ^2 /NDF: 1487694.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_mean vs Slug



Right In: 104.801 $\pm$ 49.199 χ^2 /NDF: 14.5/14

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

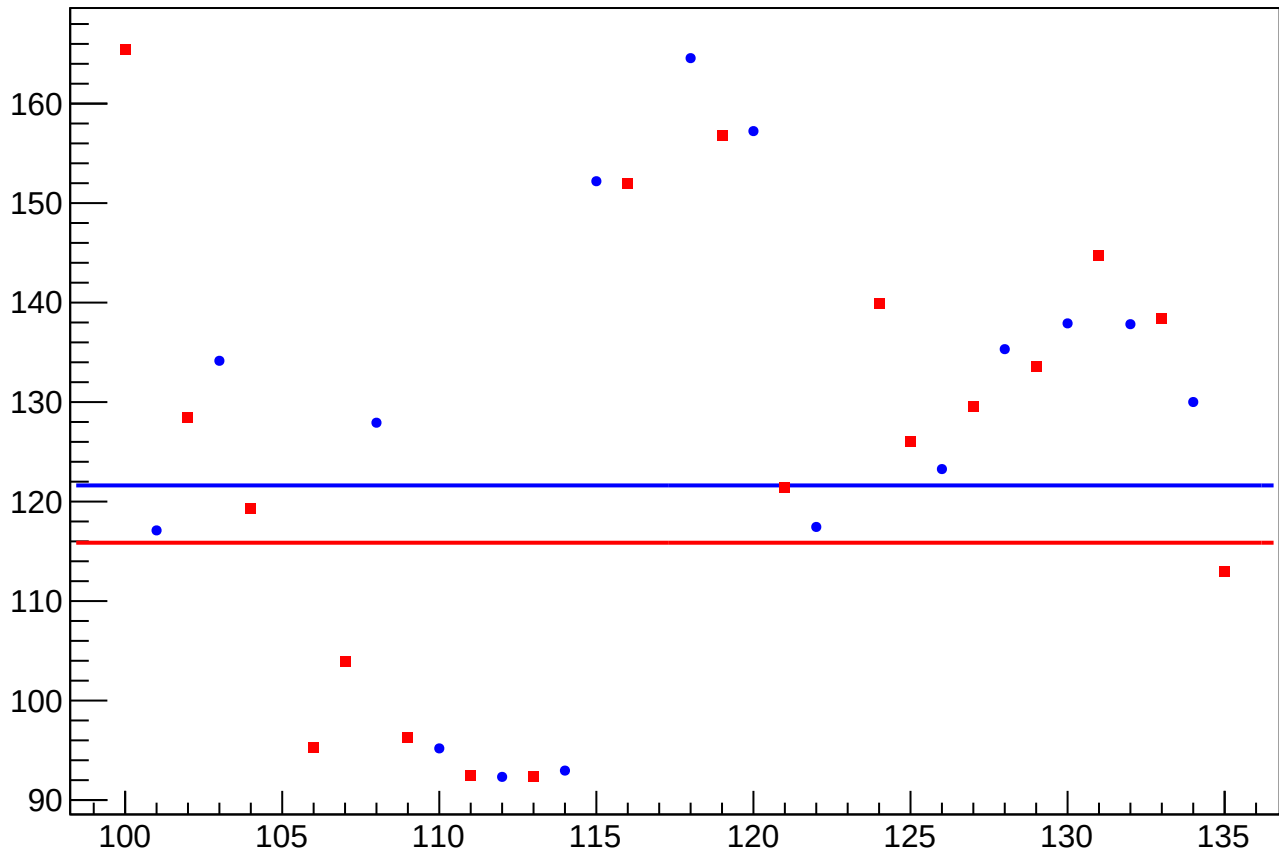
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.565 $\pm$ 32.771 χ^2 /NDF: 45.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_48_dd_rms vs Slug



Right In: 121.624 $\pm$ 0.035 χ^2 /NDF: 356008.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 115.865 $\pm$ 0.031 χ^2 /NDF: 425066.6/17

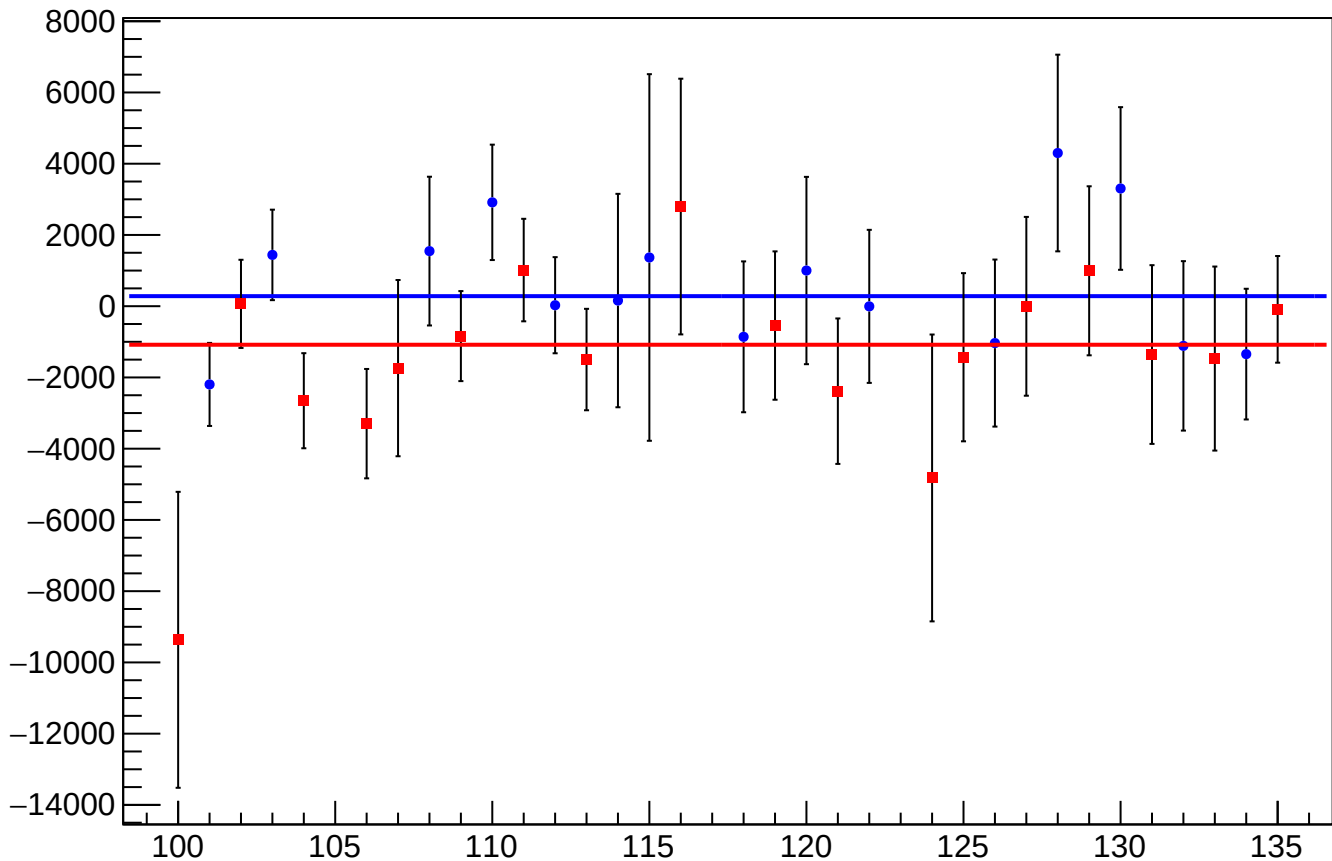
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.420 $\pm$ 0.023 χ^2 /NDF: 796321.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_mean vs Slug



Right In: 282.040 $\pm$ 486.335 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1082.167 $\pm$ 432.618 χ^2 /NDF: 14.6/17

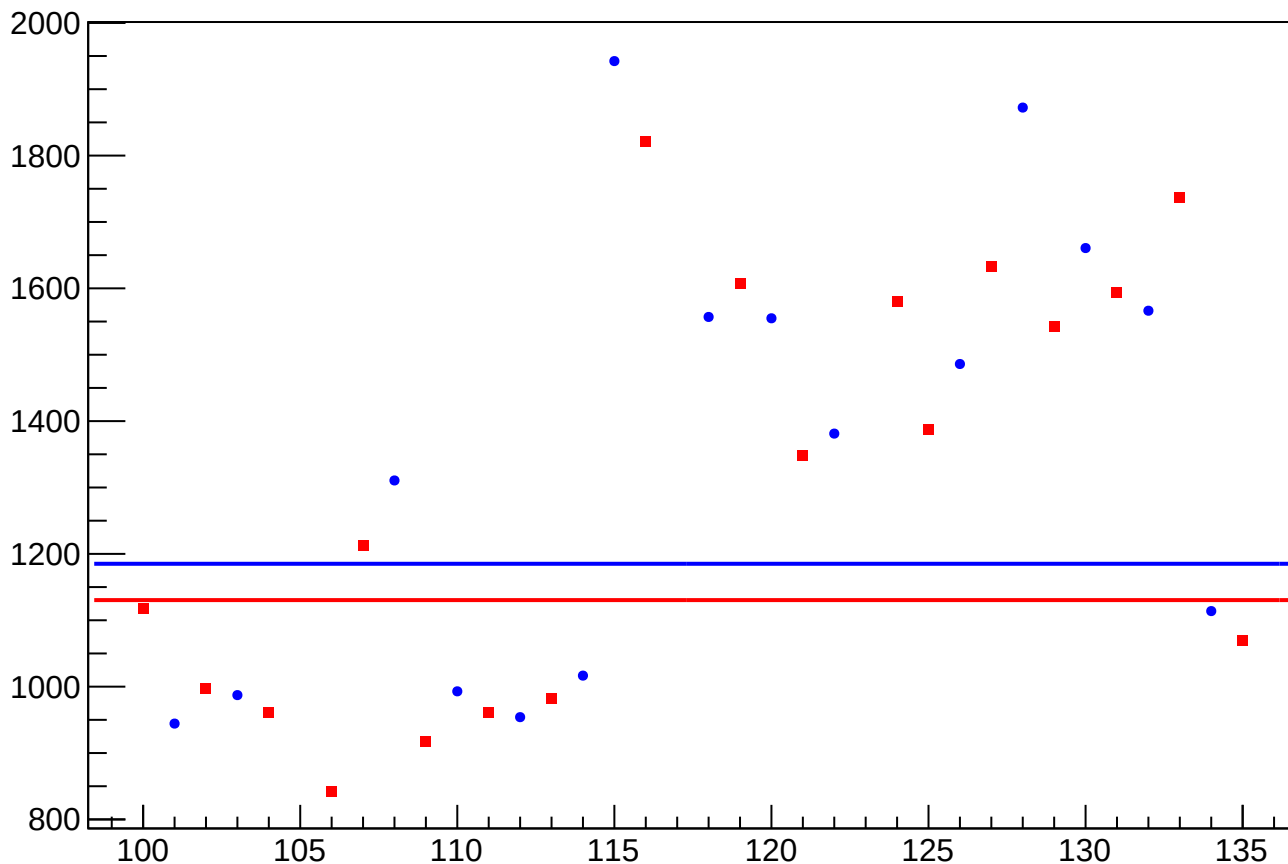
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -479.535 $\pm$ 323.237 χ^2 /NDF: 33.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_correction_rms vs Slug



Right In: 1185.094 $\pm$ 0.344 χ^2 /NDF: 693433.2/14

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

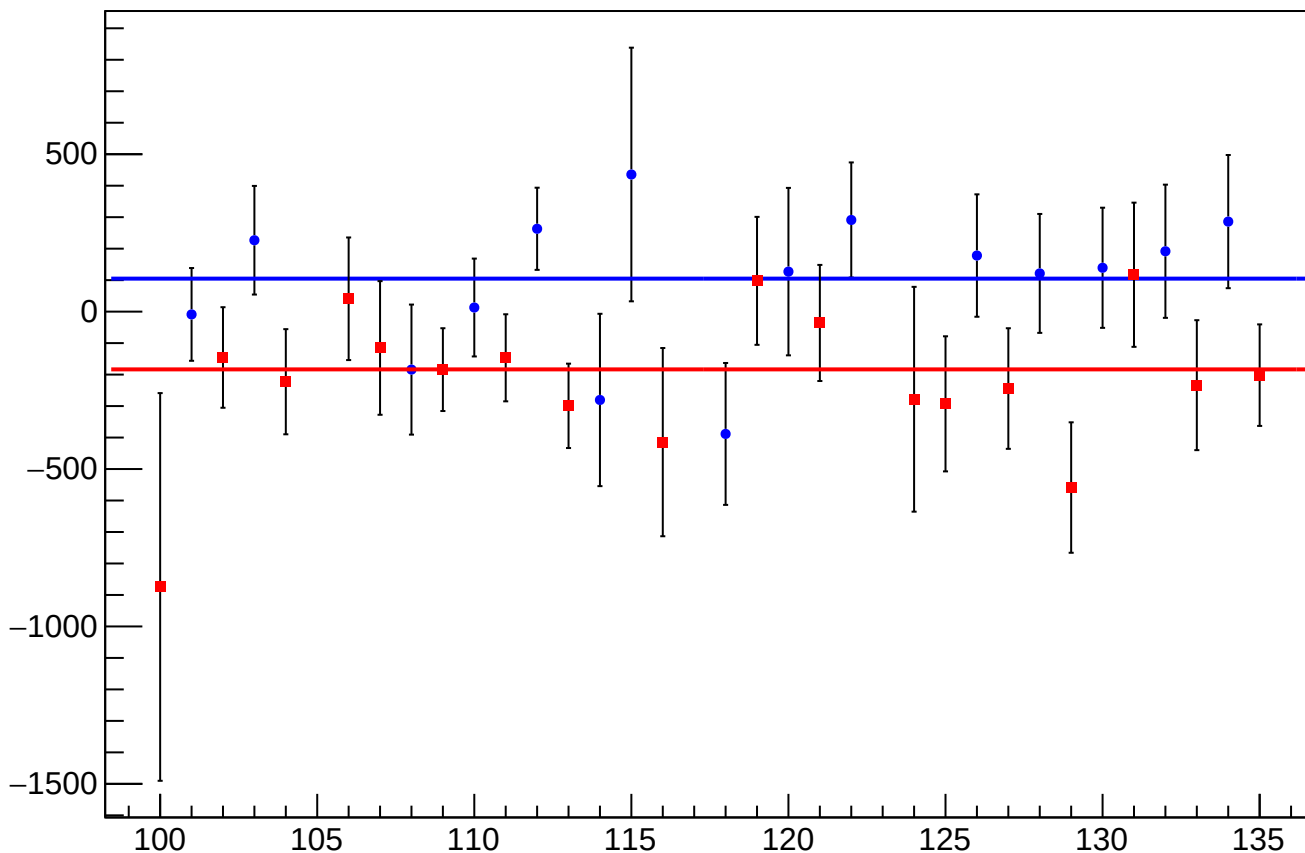
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1154.551 $\pm$ 0.229 χ^2 /NDF: 1514389.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_mean vs Slug



Right In: 104.802 $\pm$ 49.199 χ^2 /NDF: 14.5/14

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

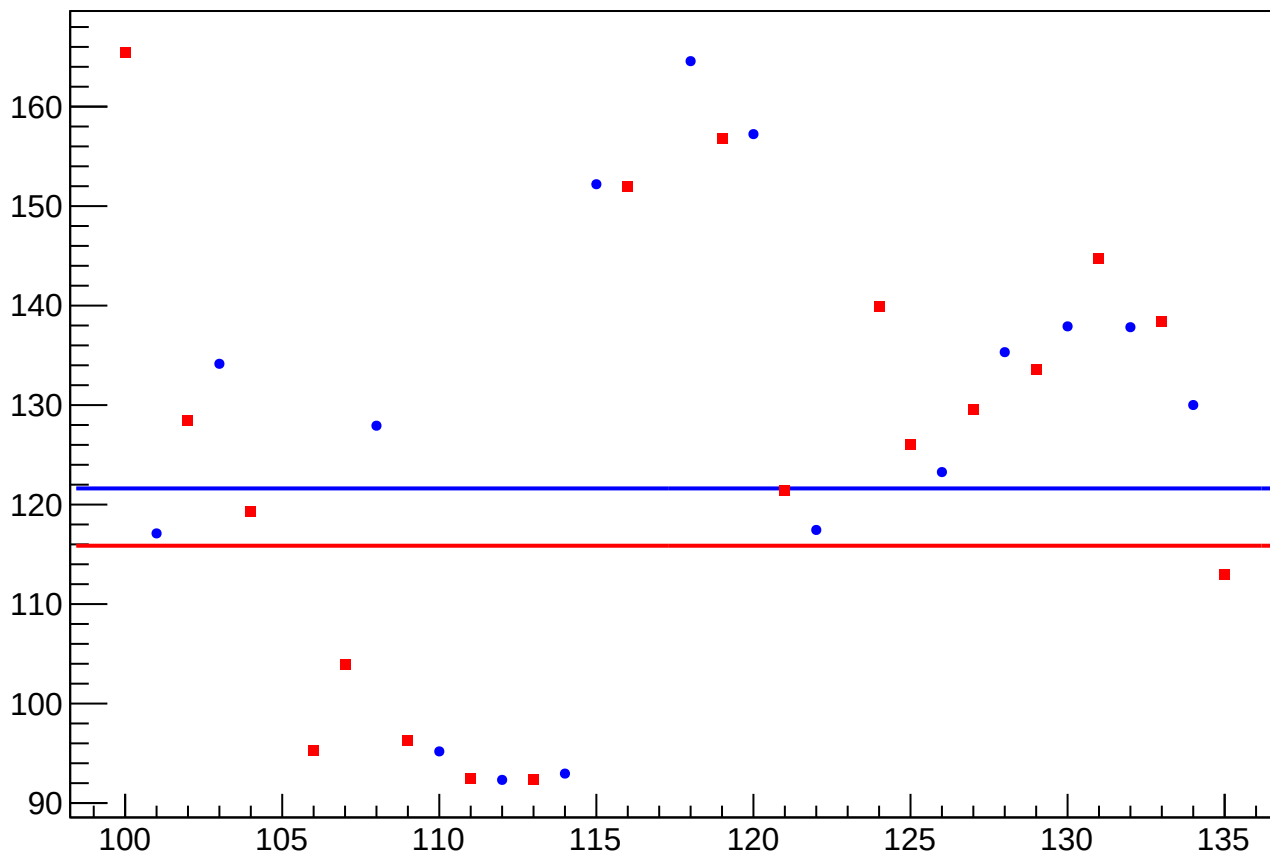
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -55.564 $\pm$ 32.771 χ^2 /NDF: 45.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_48_dd_rms vs Slug



Right In: 121.624 $\pm$ 0.035 χ^2 /NDF: 356012.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 115.864 $\pm$ 0.031 χ^2 /NDF: 425071.4/17

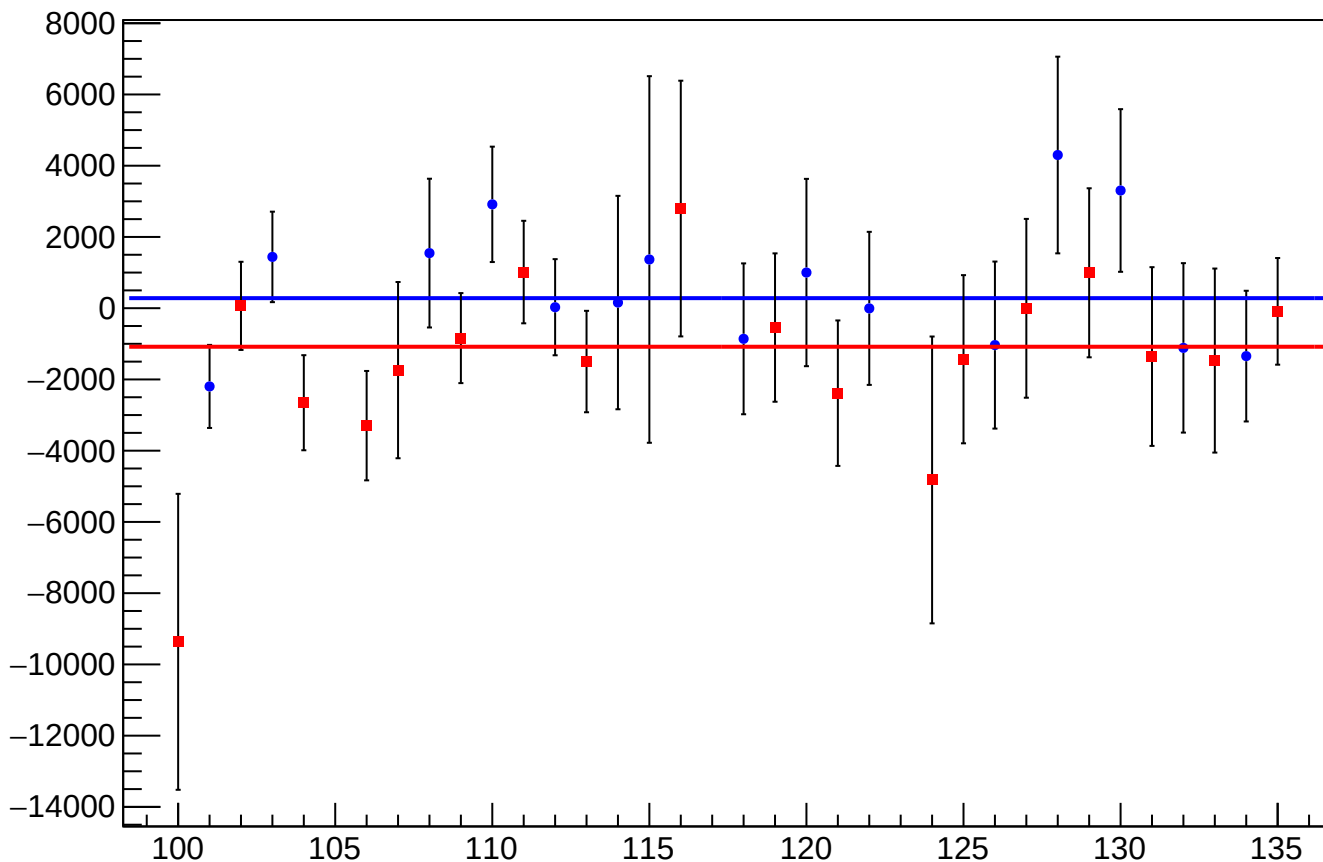
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.420 $\pm$ 0.023 χ^2 /NDF: 796331.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_mean vs Slug



Right In: 282.041 $\pm$ 486.335 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1082.166 $\pm$ 432.618 χ^2 /NDF: 14.6/17

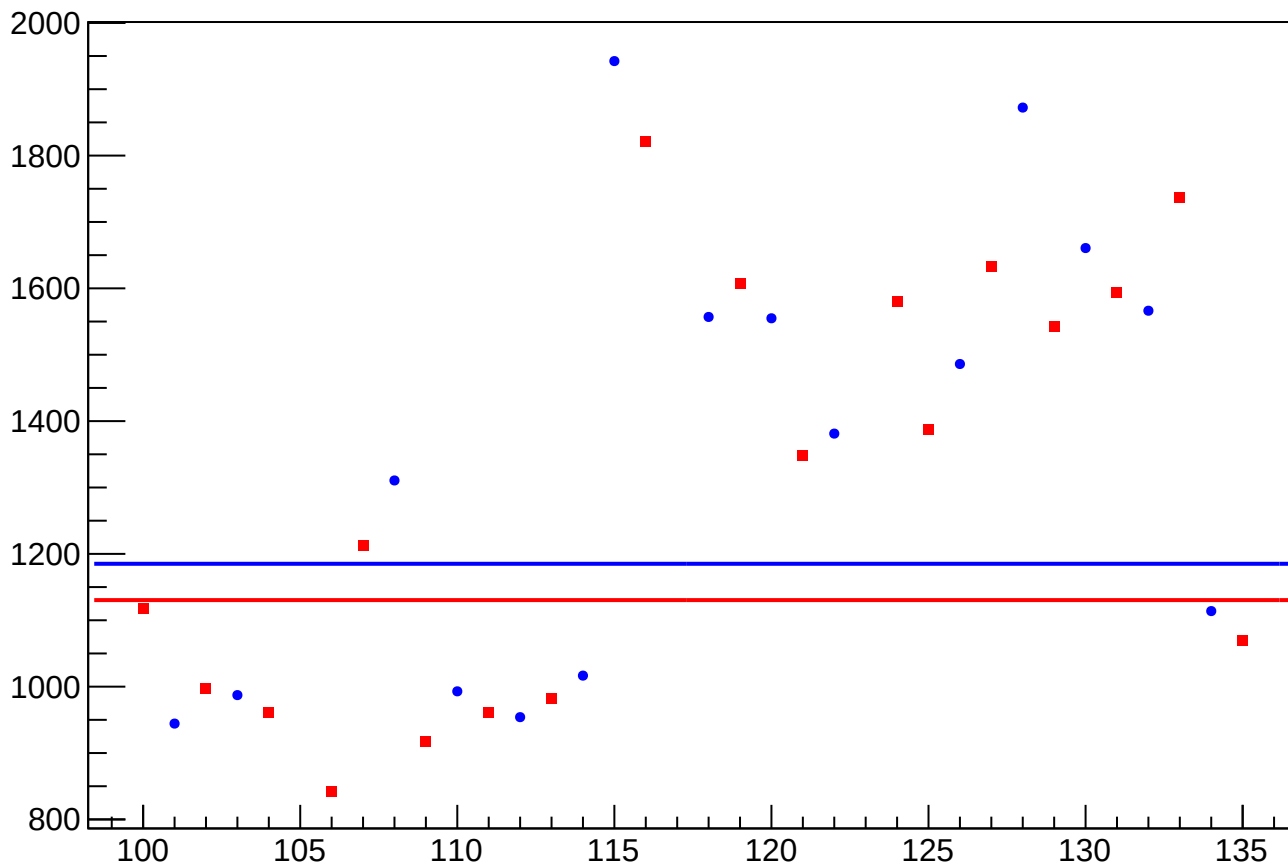
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -479.535 $\pm$ 323.237 χ^2 /NDF: 33.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_correction_rms vs Slug



Right In: 1185.094 $\pm$ 0.344 χ^2 /NDF: 693434.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

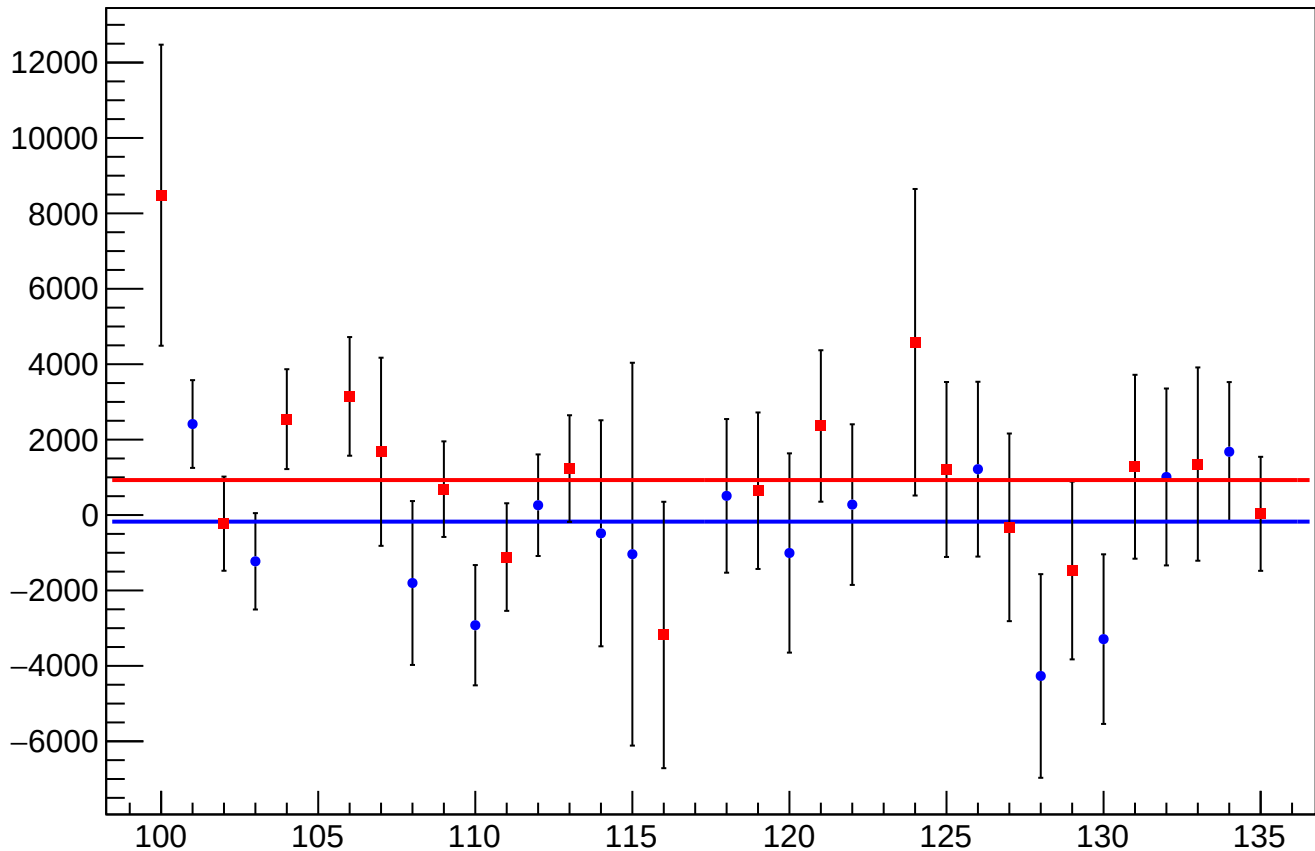
Right Out: 1130.382 $\pm$ 0.306 χ^2 /NDF: 806827.4/17

All: 1154.550 $\pm$ 0.229 χ^2 /NDF: 1514392.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_mean vs Slug



Right In: -174.775 ± 484.669 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 927.749 ± 431.980 χ^2/NDF : 14.5/17

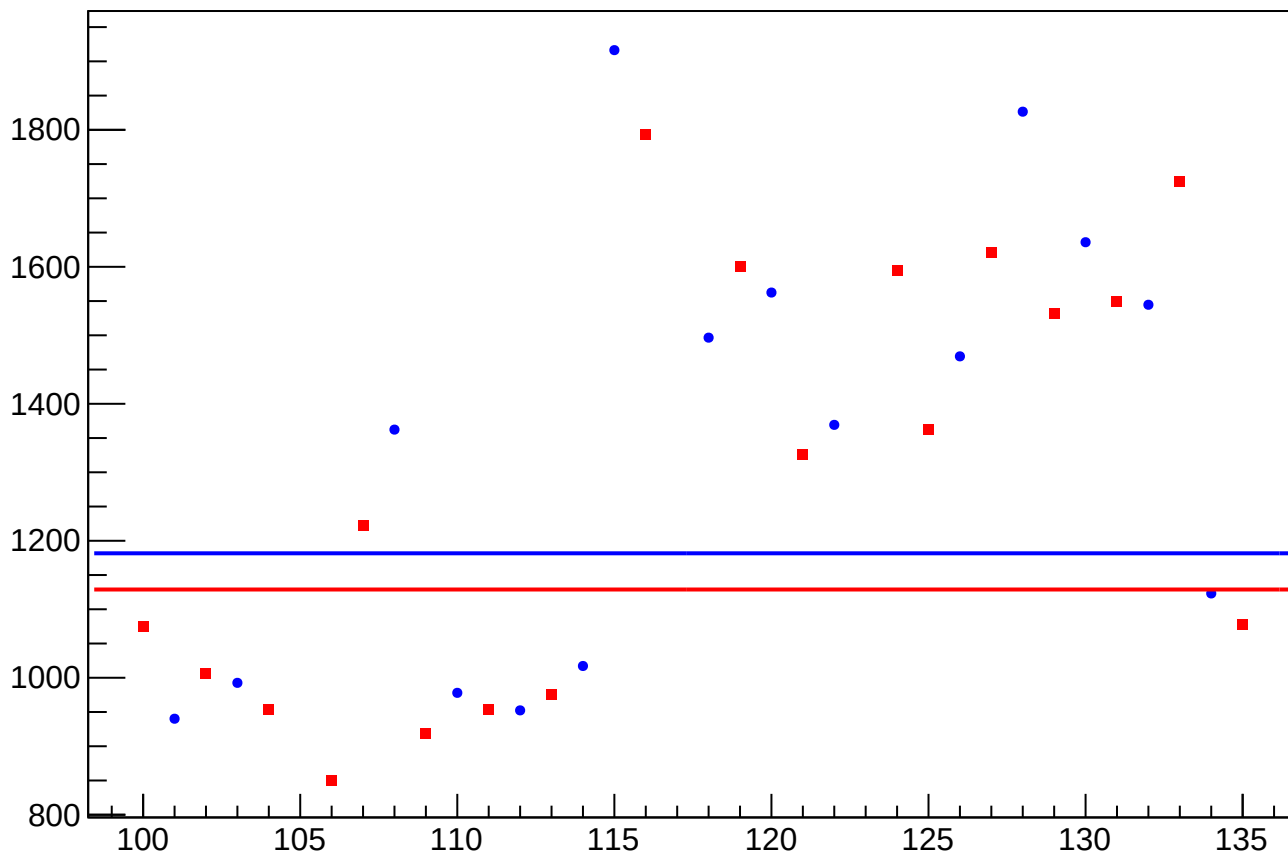
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 439.651 ± 322.481 χ^2/NDF : 32.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_rms vs Slug



Right In: 1181.716 $\pm$ 0.343 χ^2 /NDF: 663320.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1128.856 $\pm$ 0.305 χ^2 /NDF: 775510.4/17

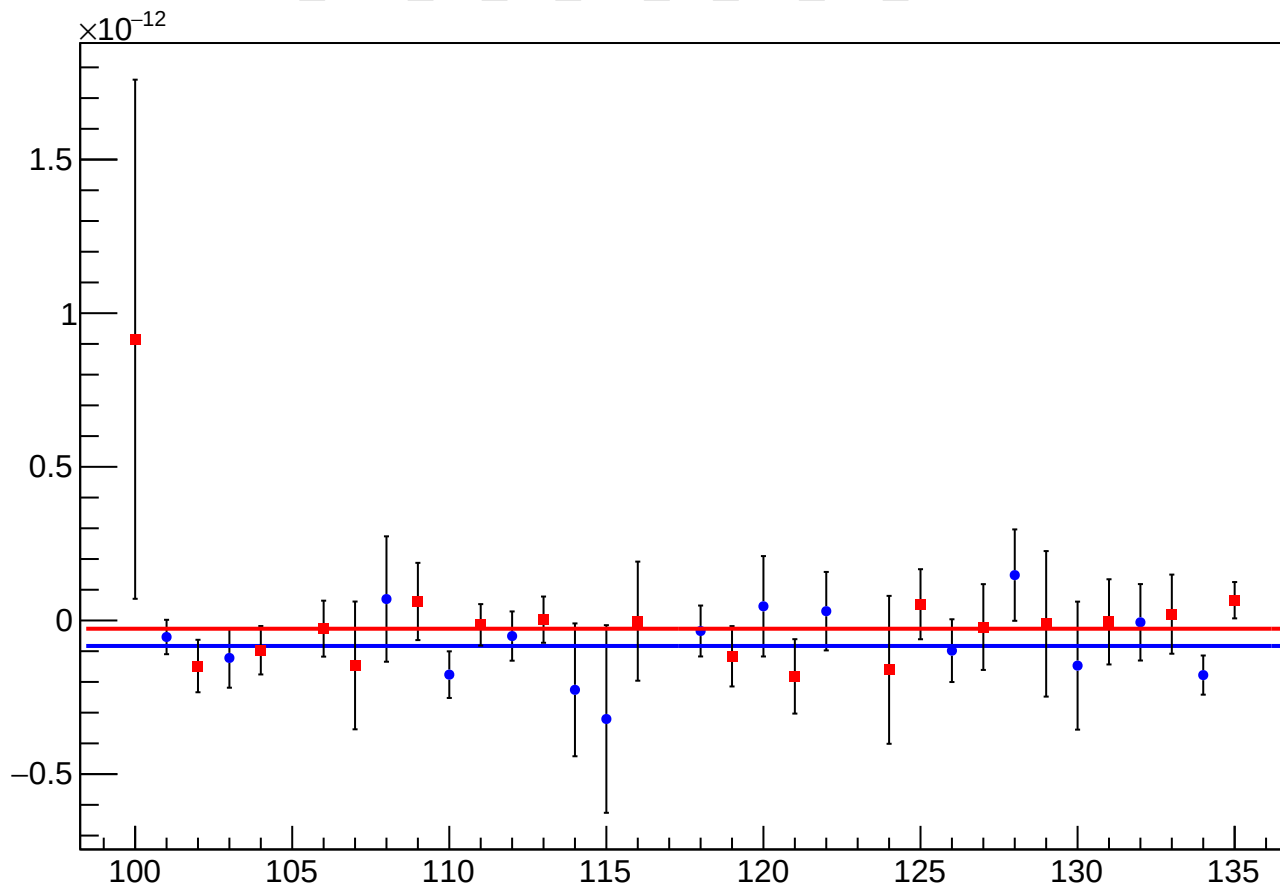
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1152.258 $\pm$ 0.228 χ^2 /NDF: 1452087.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 11.0/17

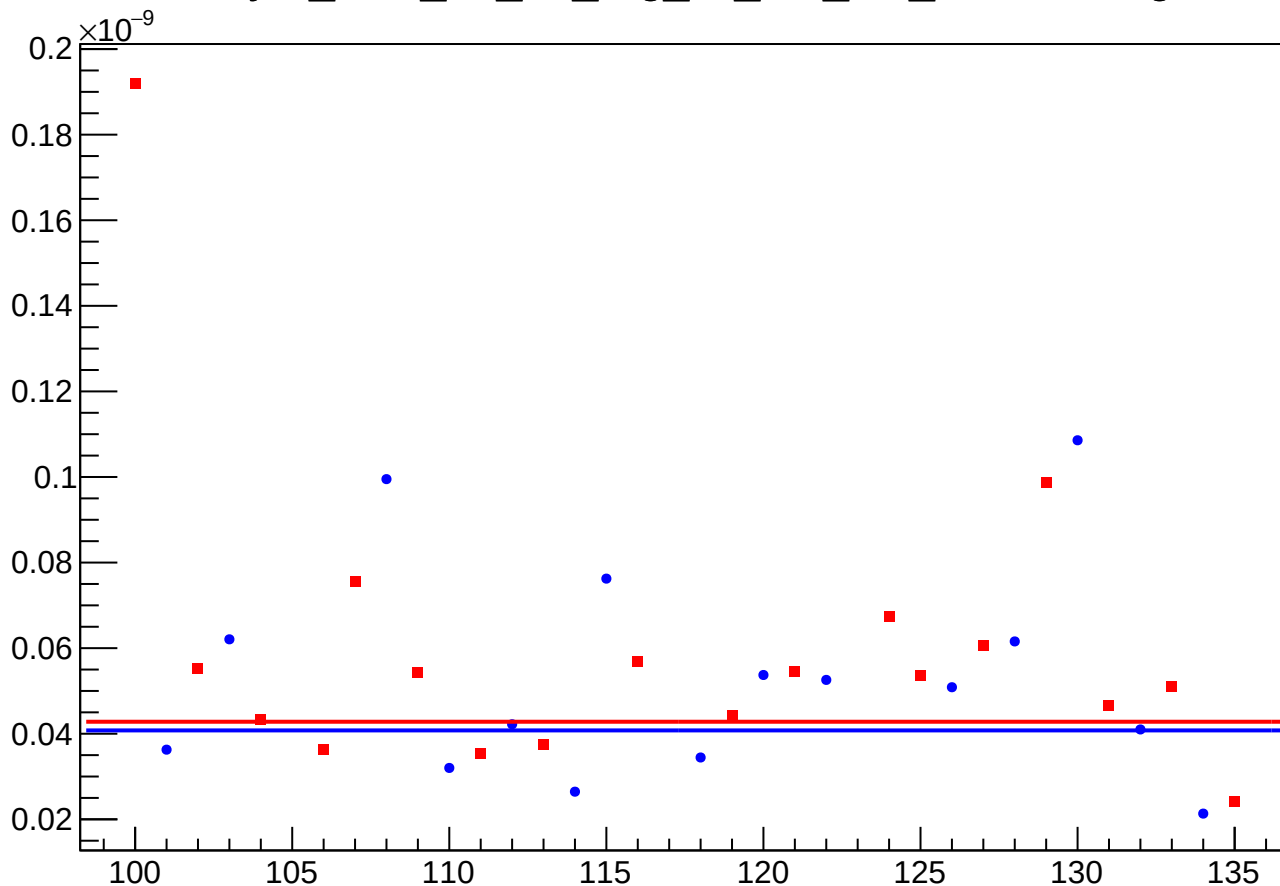
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 24.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 836549.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 635971.3/17

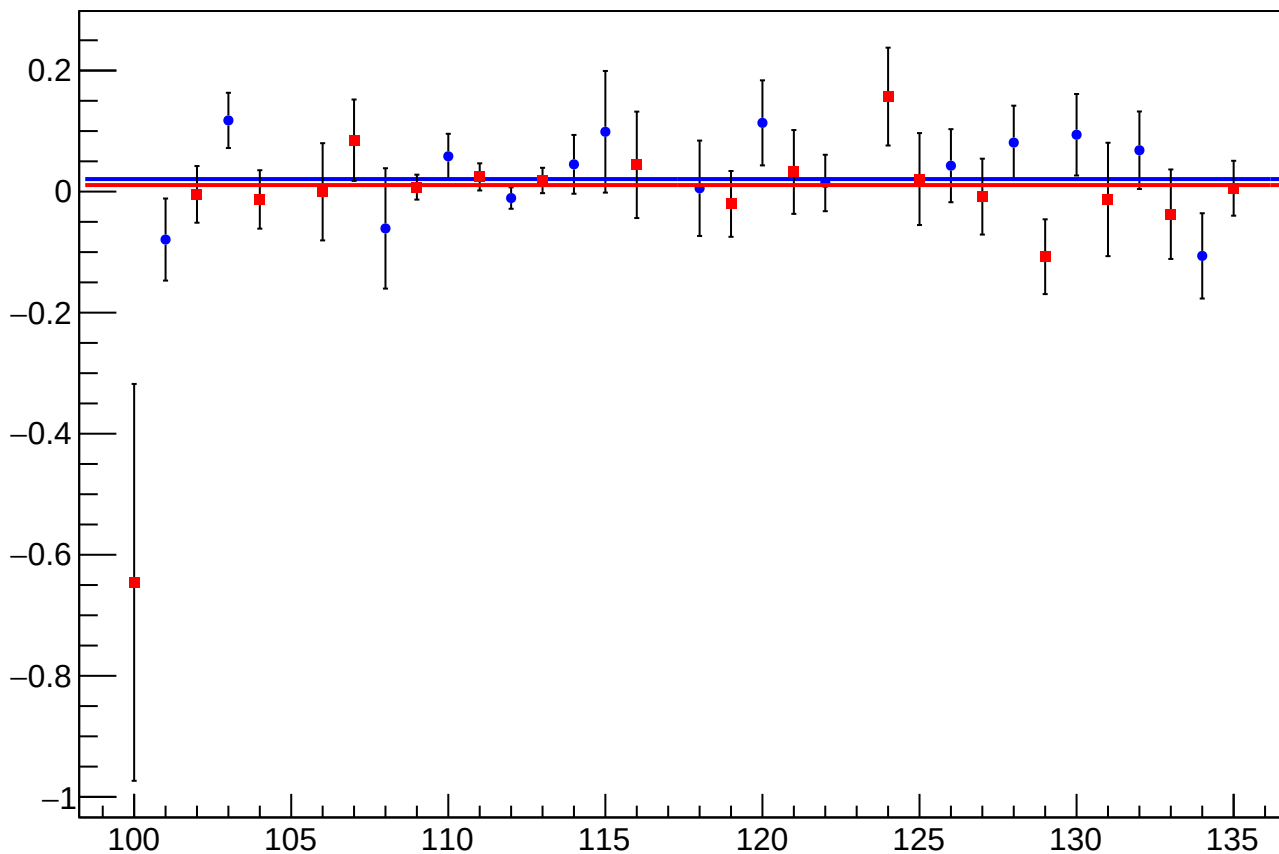
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1479075.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.010 χ^2/NDF : 14.2/17

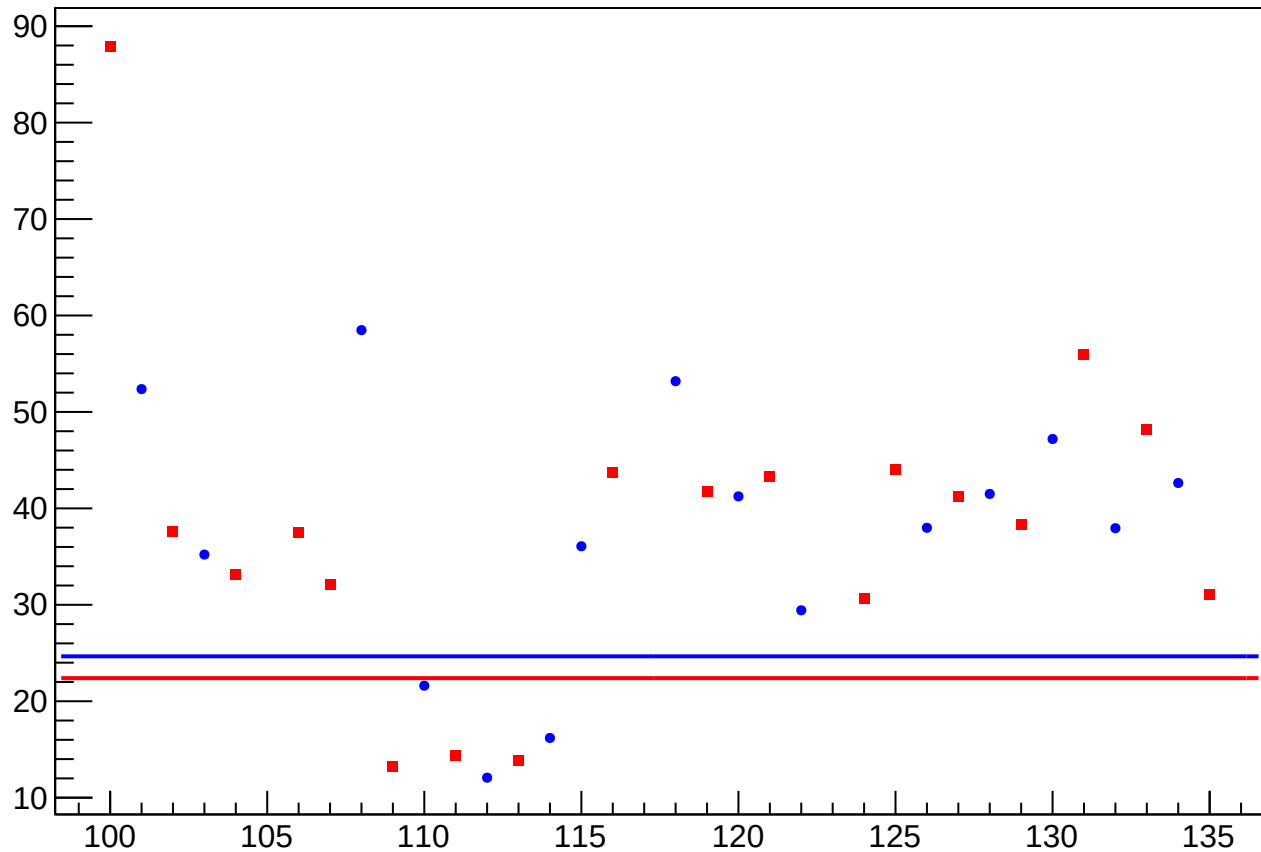
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.008 χ^2/NDF : 34.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 24.657 $\pm$ 0.008 χ^2 /NDF: 2864960.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.397 $\pm$ 0.007 χ^2 /NDF: 3108437.1/17

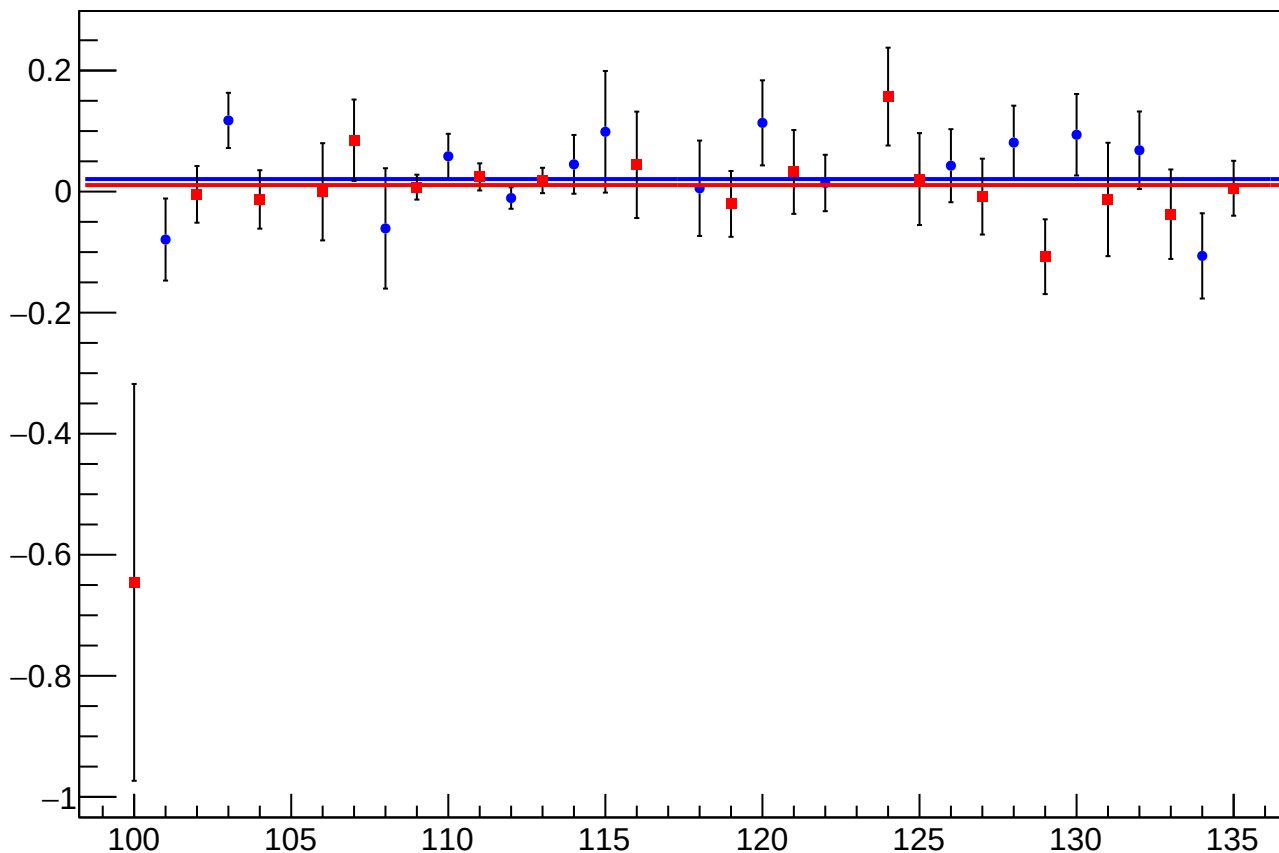
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.337 $\pm$ 0.005 χ^2 /NDF: 6016761.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.010 χ^2/NDF : 14.2/17

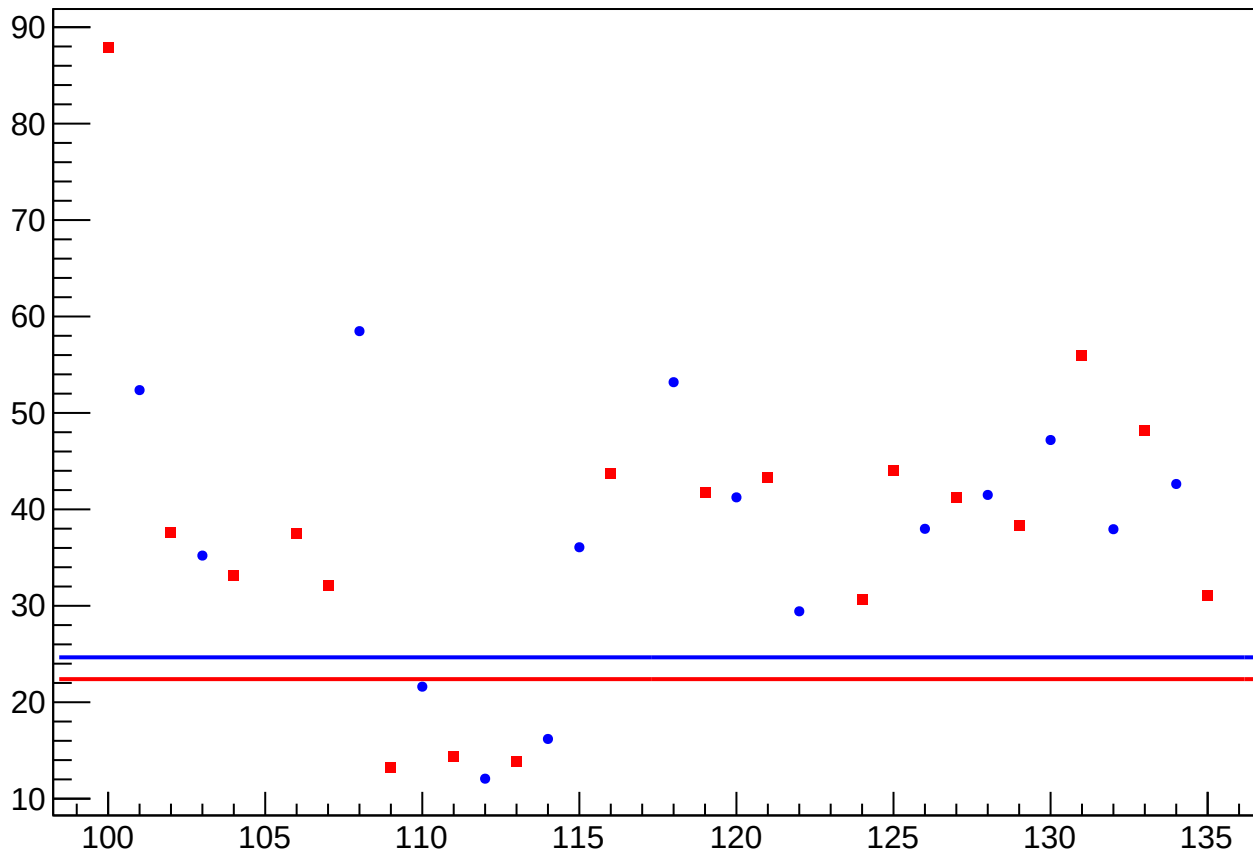
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.008 χ^2/NDF : 34.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.657+/-0.008 χ^2/NDF : 2864960.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.397+/-0.007 χ^2/NDF : 3108437.1/17

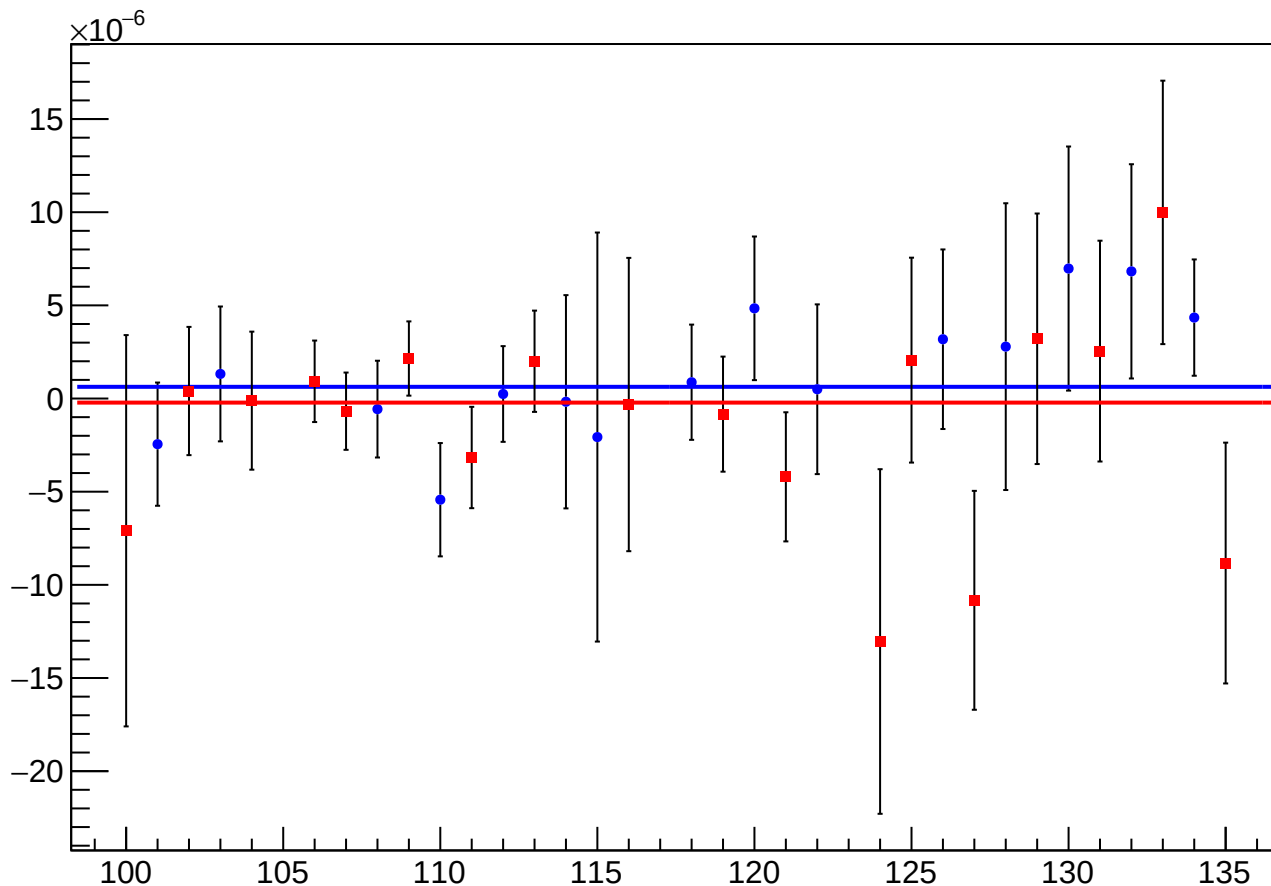
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.337+/-0.005 χ^2/NDF : 6016761.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 15.1/17

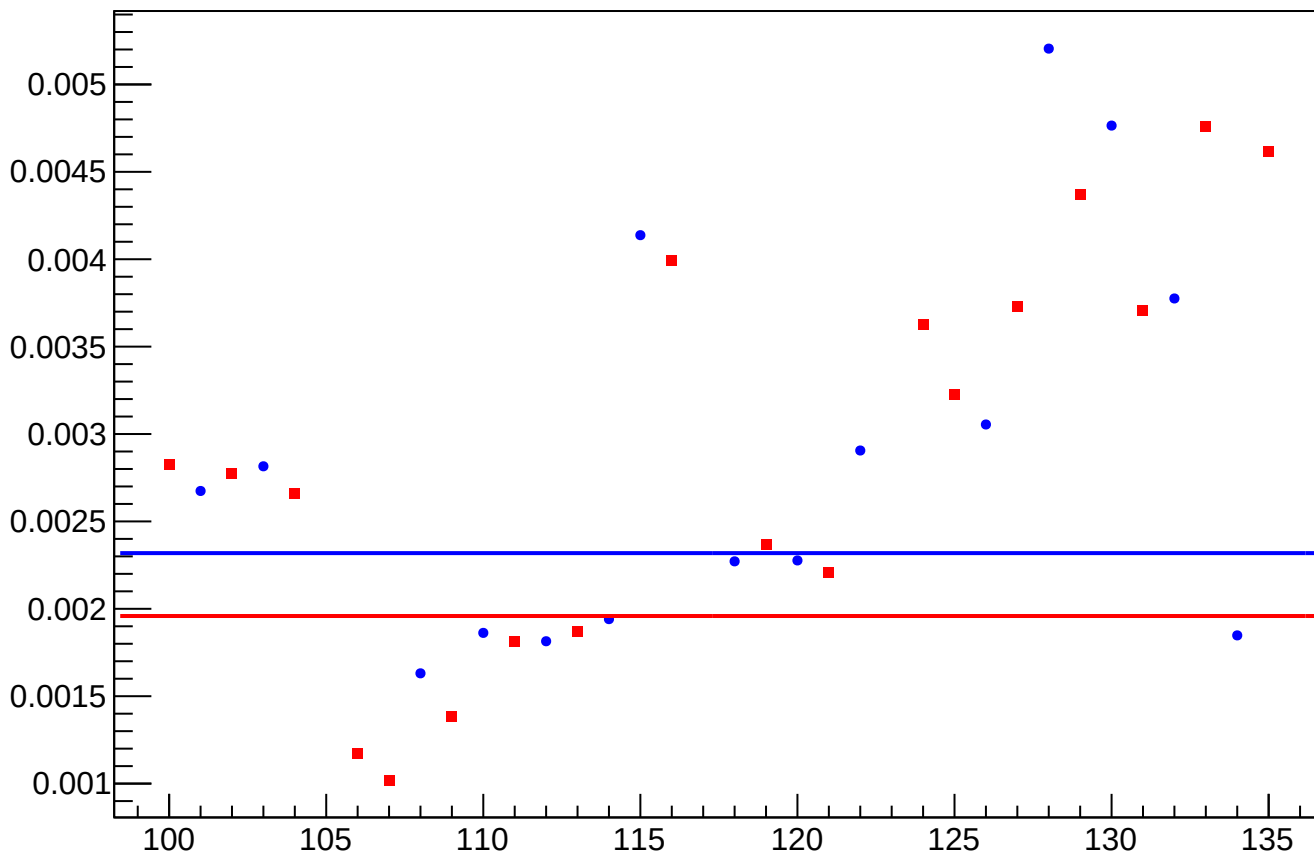
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 1201577.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2658275.2/17

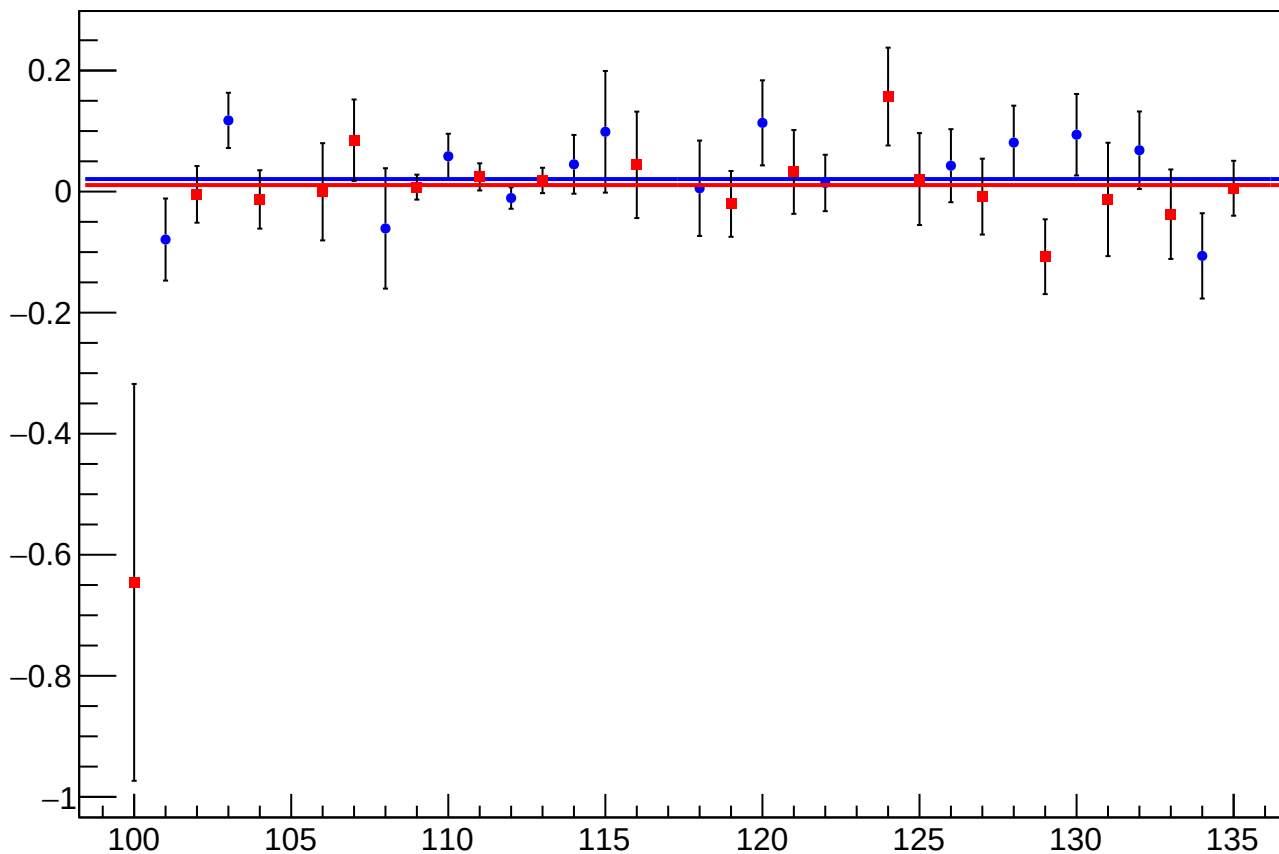
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 4020014.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.021+/-0.012 χ^2/NDF : 20.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.011+/-0.010 χ^2/NDF : 14.2/17

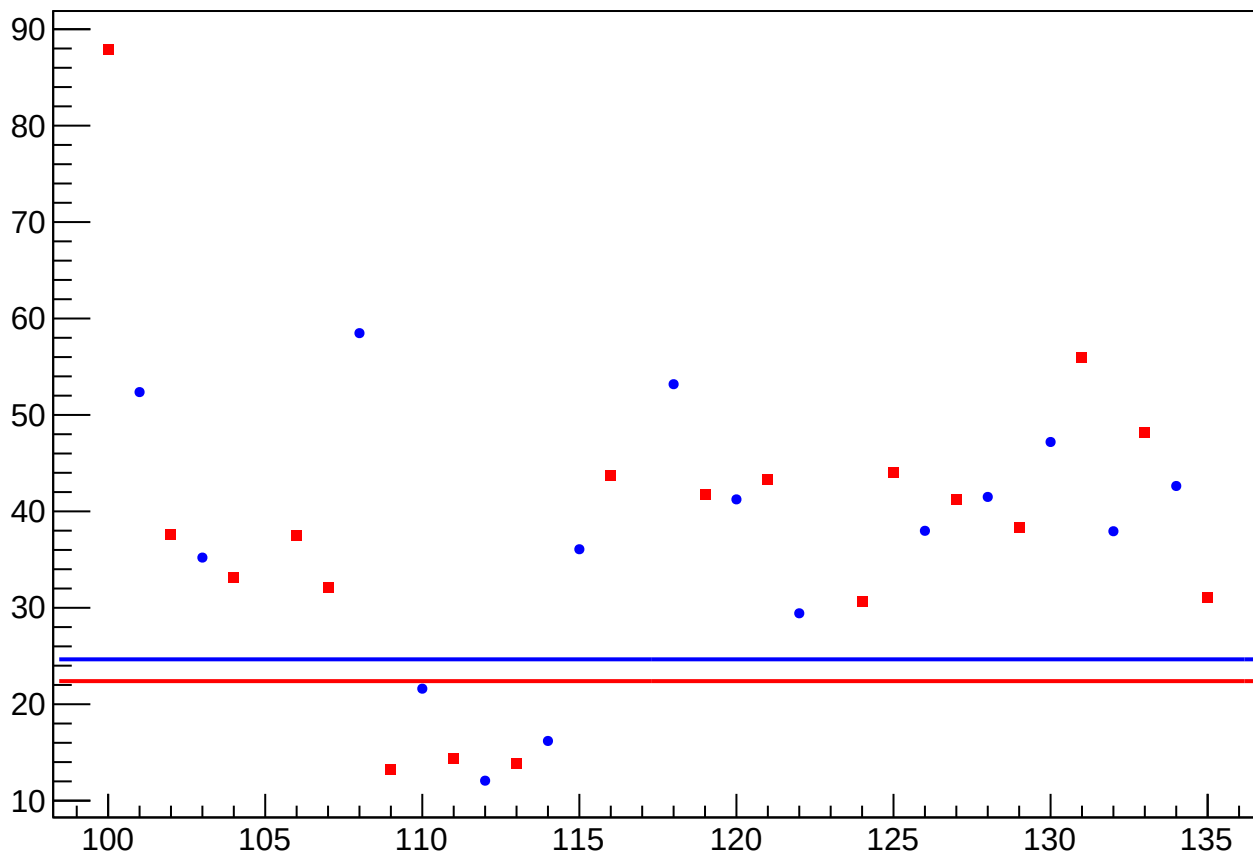
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.015+/-0.008 χ^2/NDF : 34.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 24.656+/-0.008 χ^2/NDF : 2865328.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.396+/-0.007 χ^2/NDF : 3108576.2/17

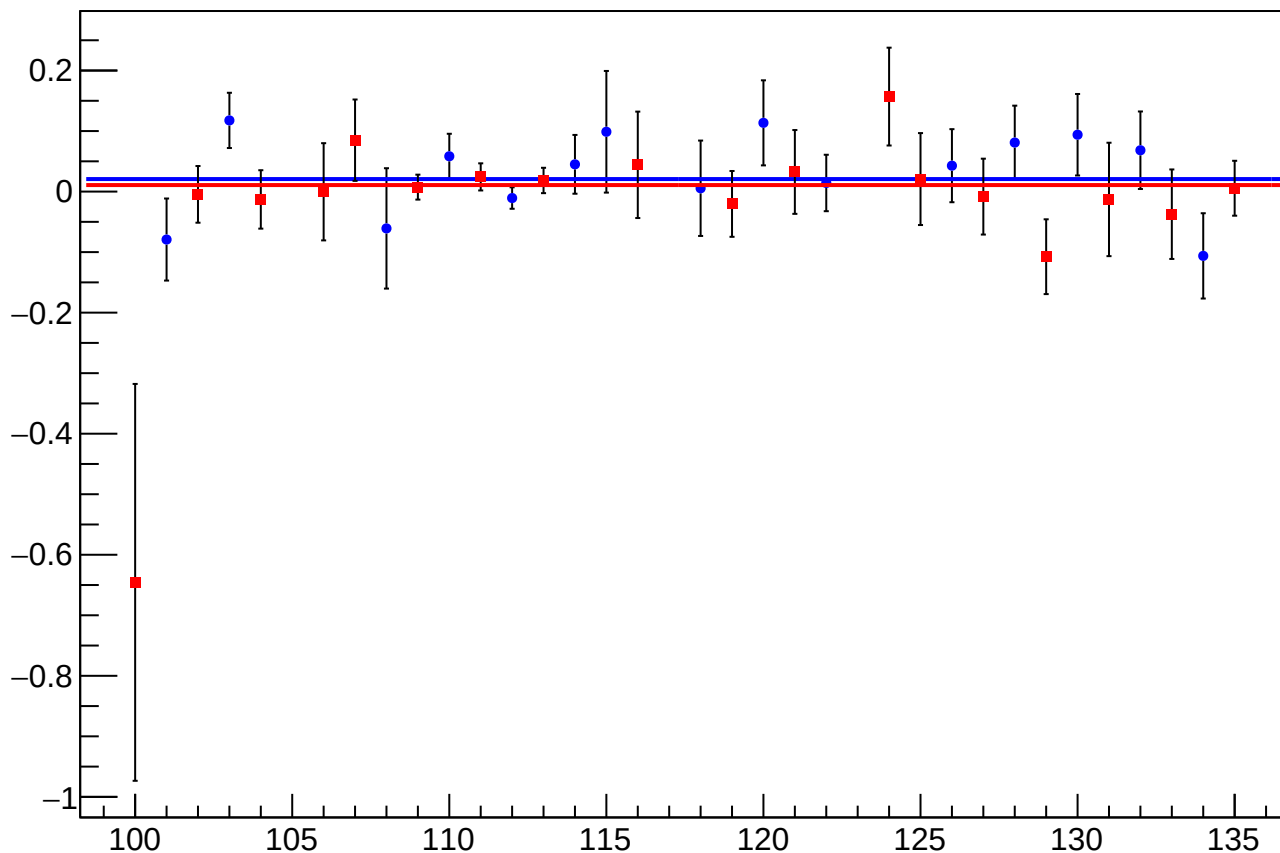
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.336+/-0.005 χ^2/NDF : 6017224.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.021 $\pm$ 0.012 χ^2 /NDF: 20.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.011 $\pm$ 0.010 χ^2 /NDF: 14.2/17

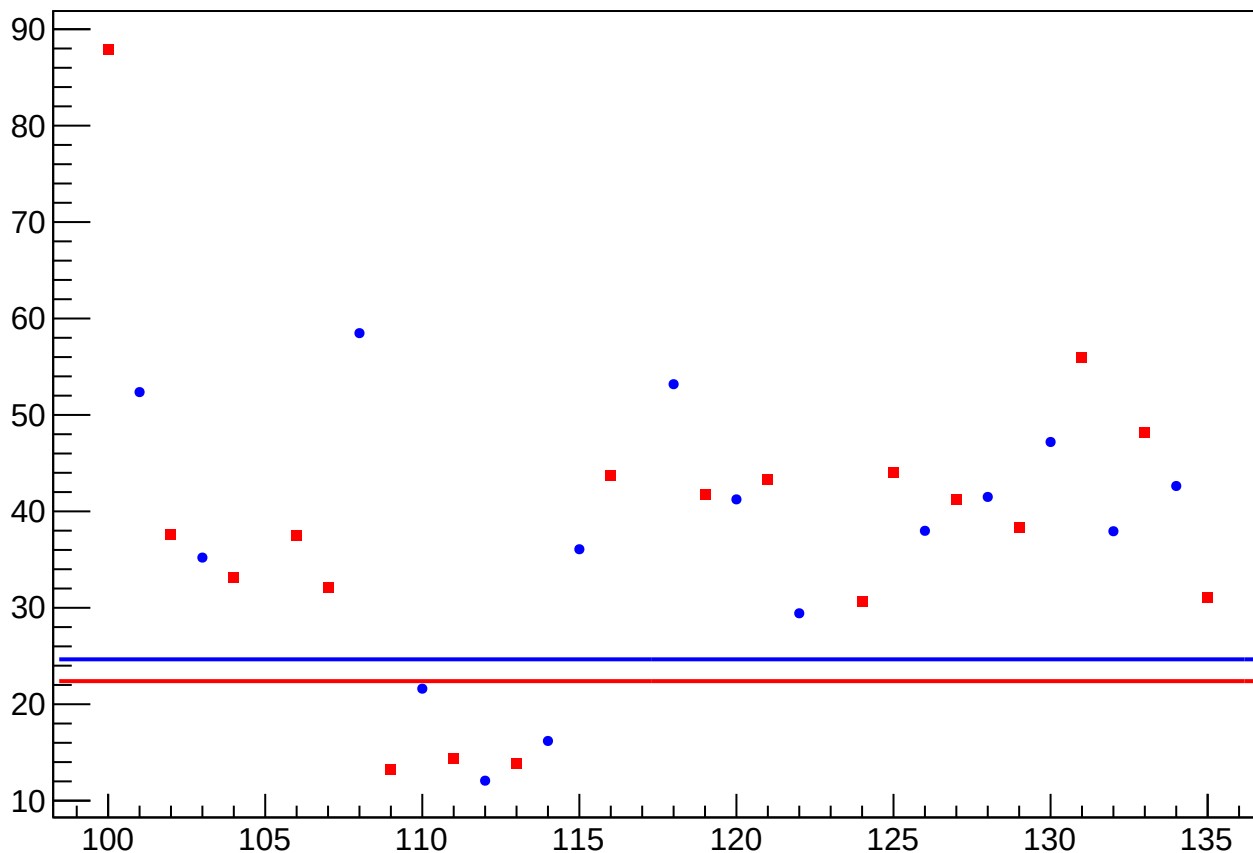
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.015 $\pm$ 0.008 χ^2 /NDF: 34.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 24.656 $\pm$ 0.008 χ^2 /NDF: 2865328.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 22.396 $\pm$ 0.007 χ^2 /NDF: 3108576.2/17

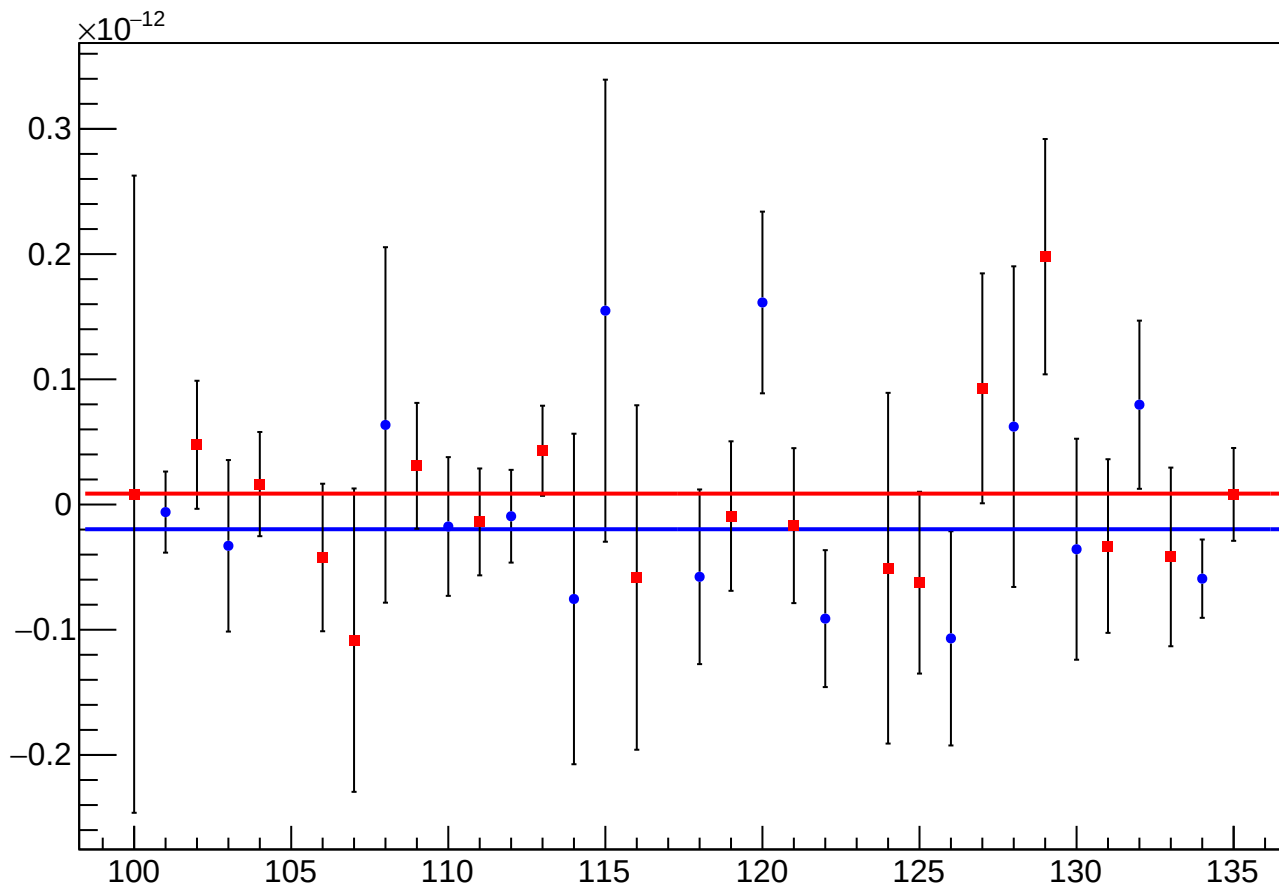
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.336 $\pm$ 0.005 χ^2 /NDF: 6017224.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 15.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 11.1/17

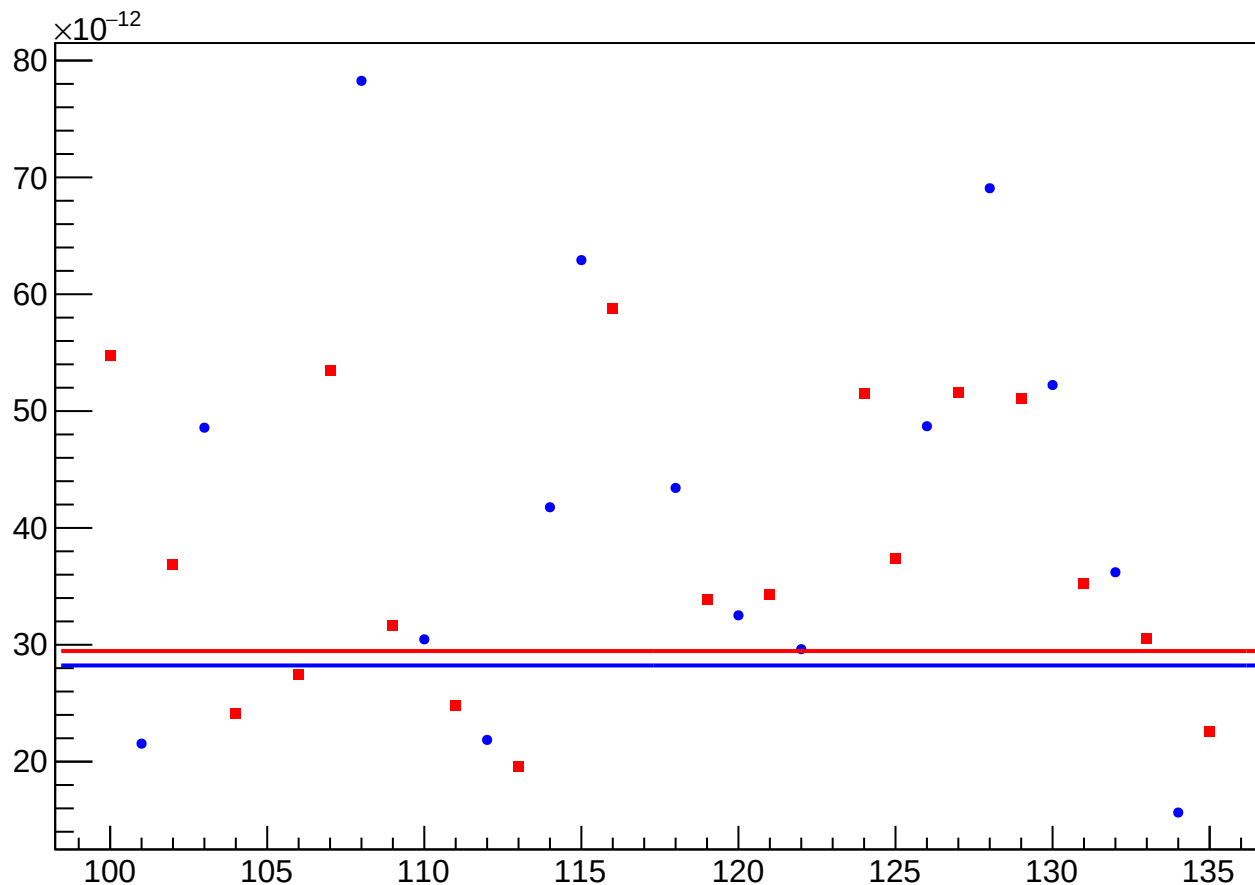
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 28.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1585926.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 846664.8/17

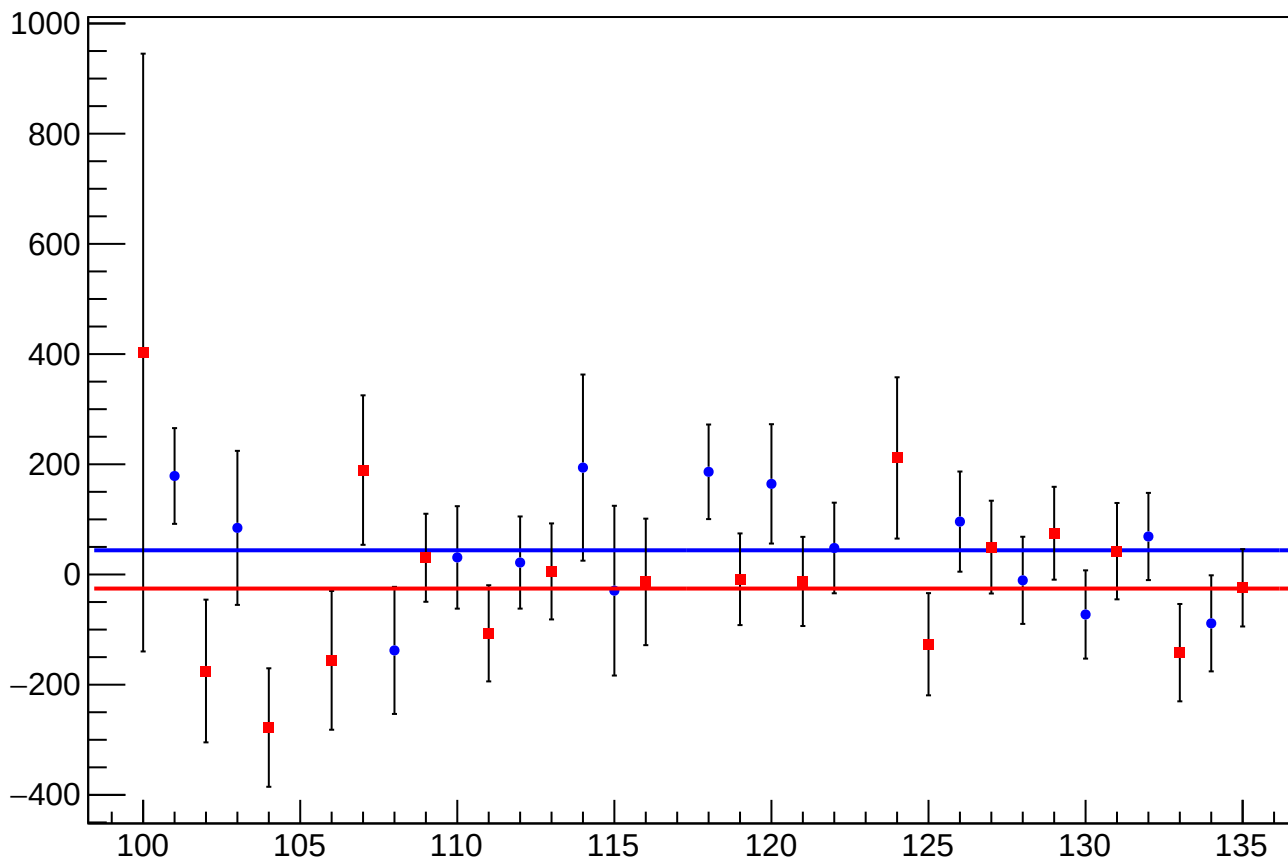
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2440125.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_mean vs Slug



Right In: 43.911 $\pm$ 24.312 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -25.530 $\pm$ 22.549 χ^2 /NDF: 21.0/17

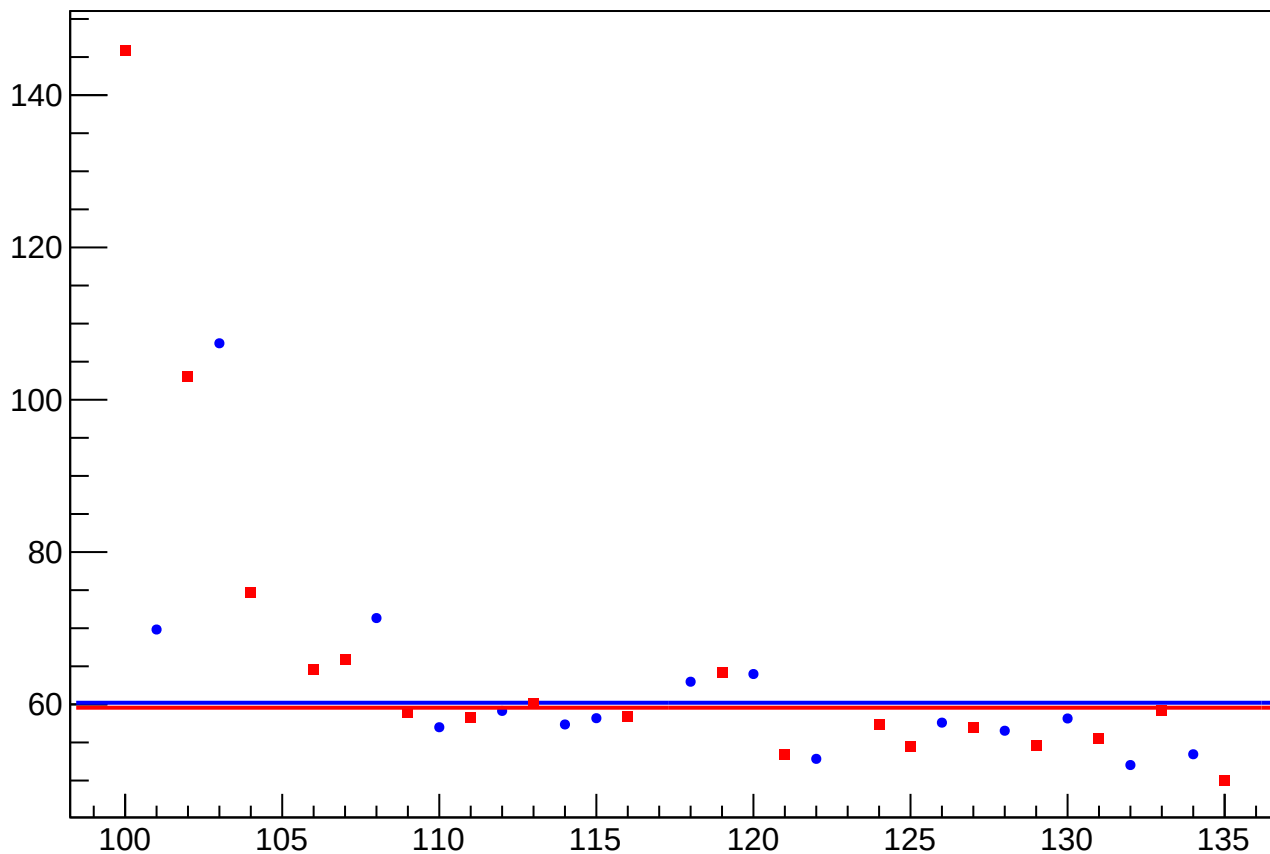
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.582 $\pm$ 16.533 χ^2 /NDF: 40.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_rms vs Slug



Right In: 60.216+/-0.017 χ^2/NDF : 336016.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.565+/-0.016 χ^2/NDF : 399044.1/17

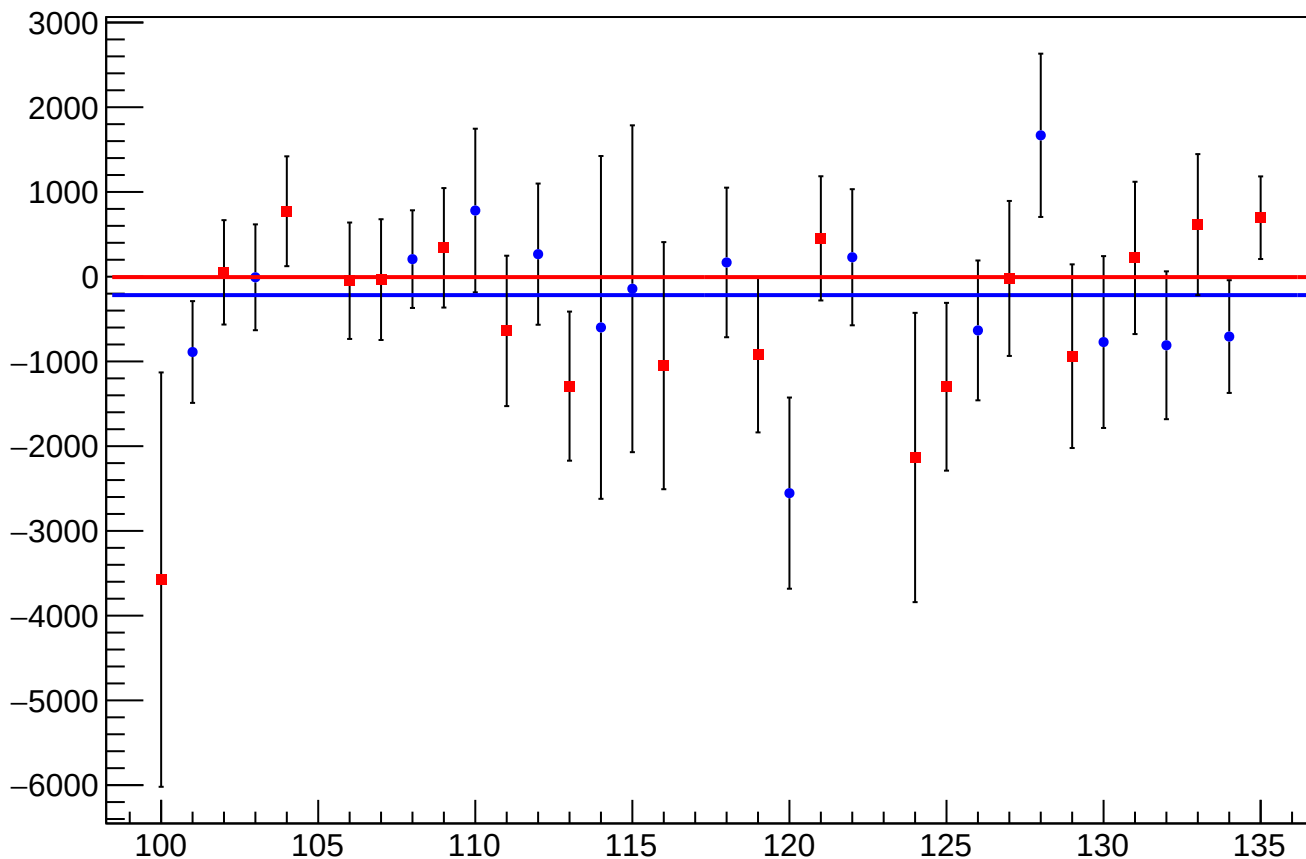
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.866+/-0.012 χ^2/NDF : 735829.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_mean vs Slug



Right In: -217.386 $\pm$ 212.780 χ^2/NDF : 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: -4.757 $\pm$ 190.105 χ^2/NDF : 15.1/17

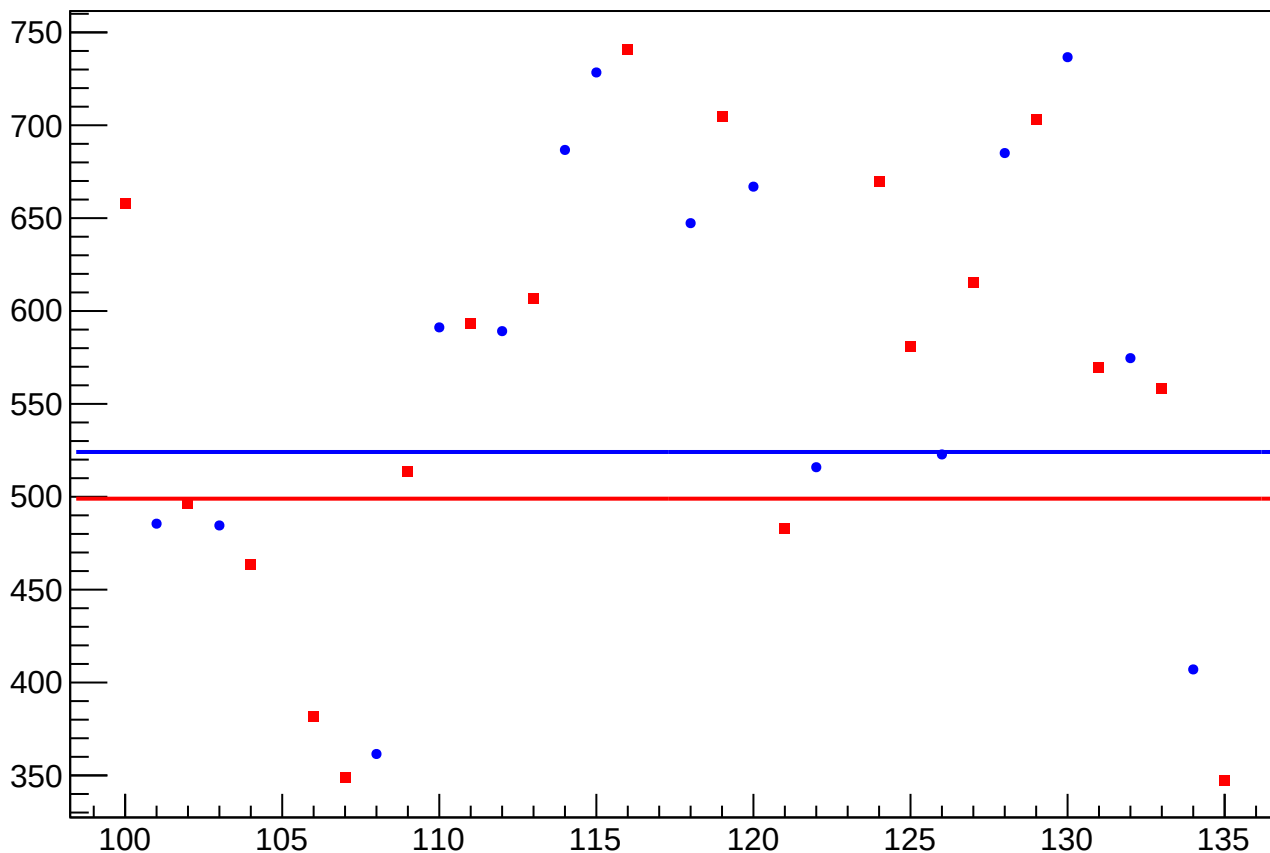
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -99.142 $\pm$ 141.766 χ^2/NDF : 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_reg_correction_rms vs Slug



Right In: 524.110 $\pm$ 0.150 χ^2 /NDF: 516207.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 498.977 $\pm$ 0.134 χ^2 /NDF: 724556.0/17

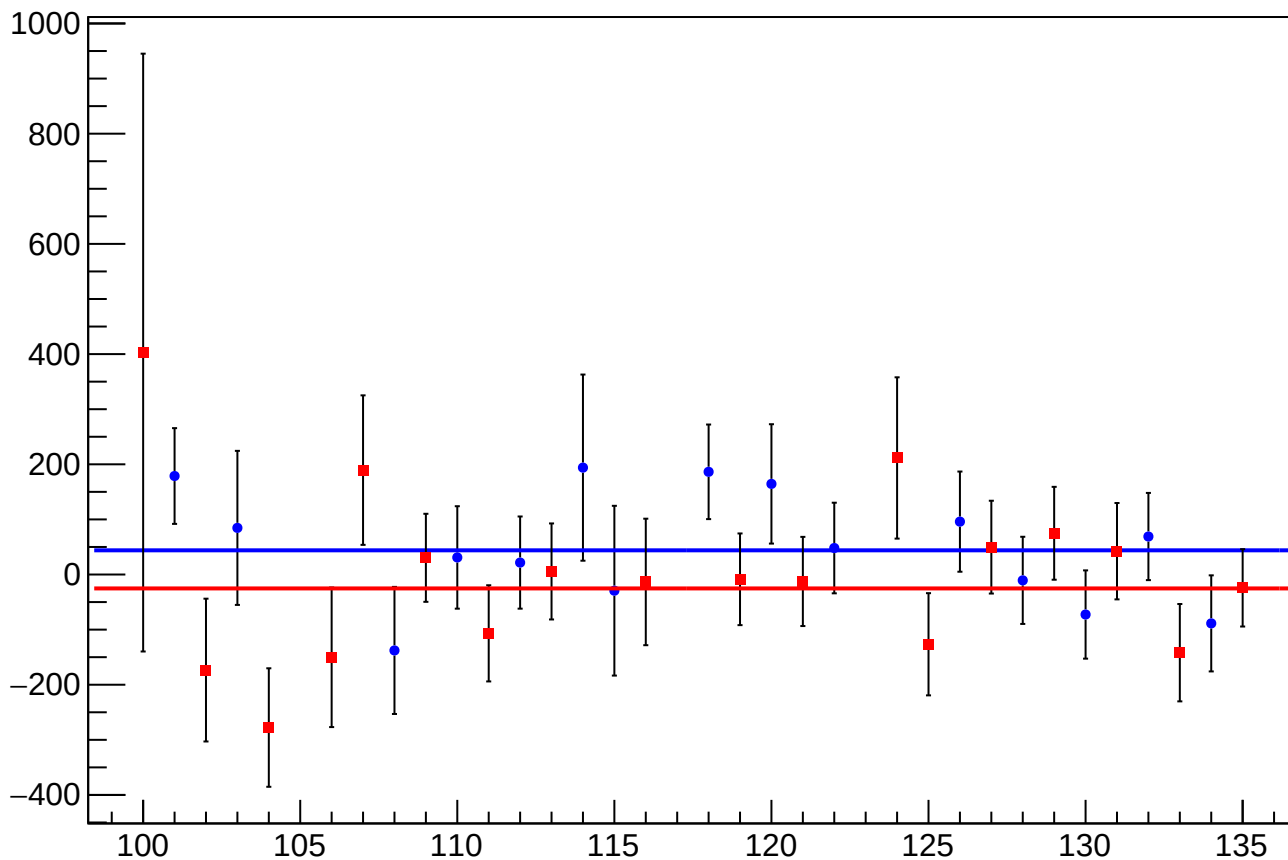
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 510.133 $\pm$ 0.100 χ^2 /NDF: 1256279.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_13_57_dd_mean vs Slug



Right In: 43.911+/-24.312 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.249+/-22.554 χ^2/NDF : 20.8/17

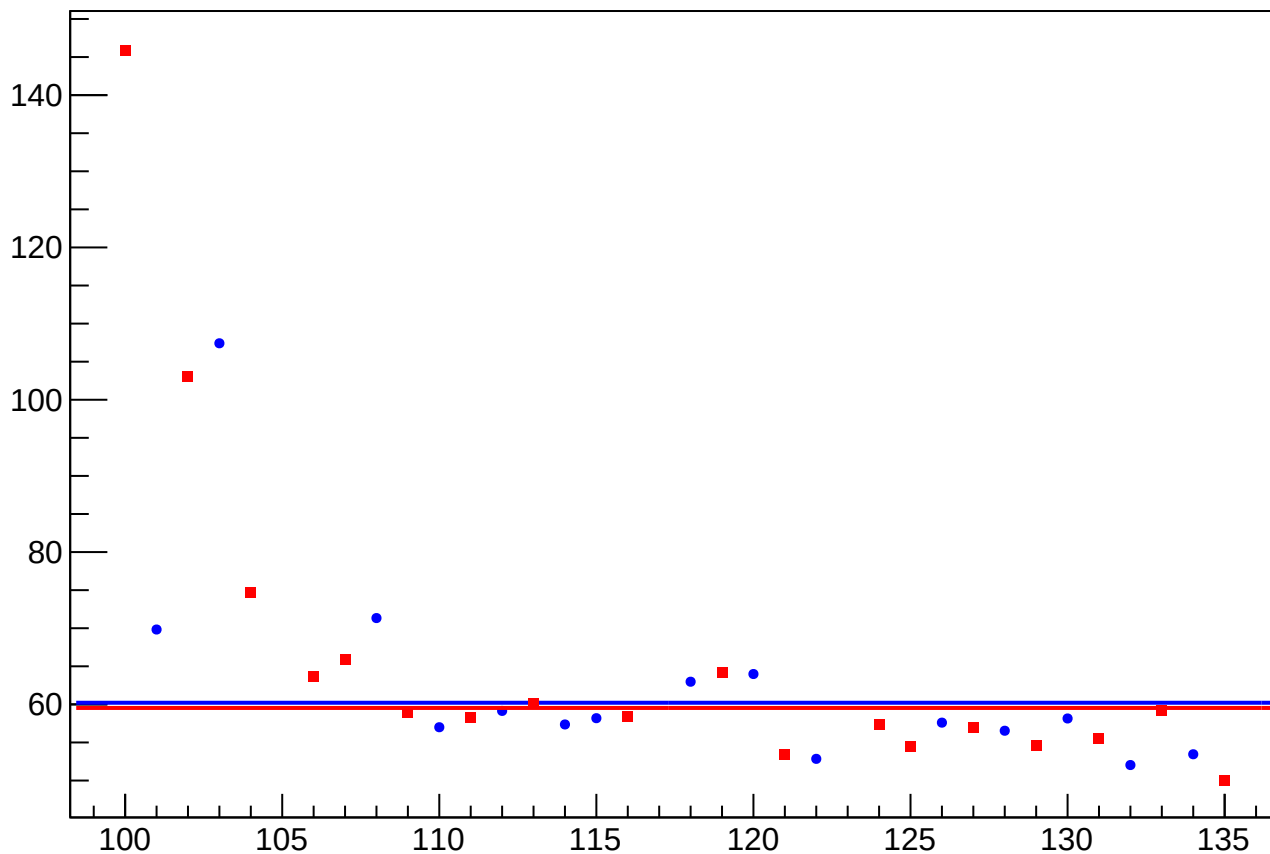
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.739+/-16.535 χ^2/NDF : 40.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_13_57_dd_rms vs Slug



Right In: 60.216+/-0.017 χ^2/NDF : 336019.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 59.532+/-0.016 χ^2/NDF : 398117.3/17

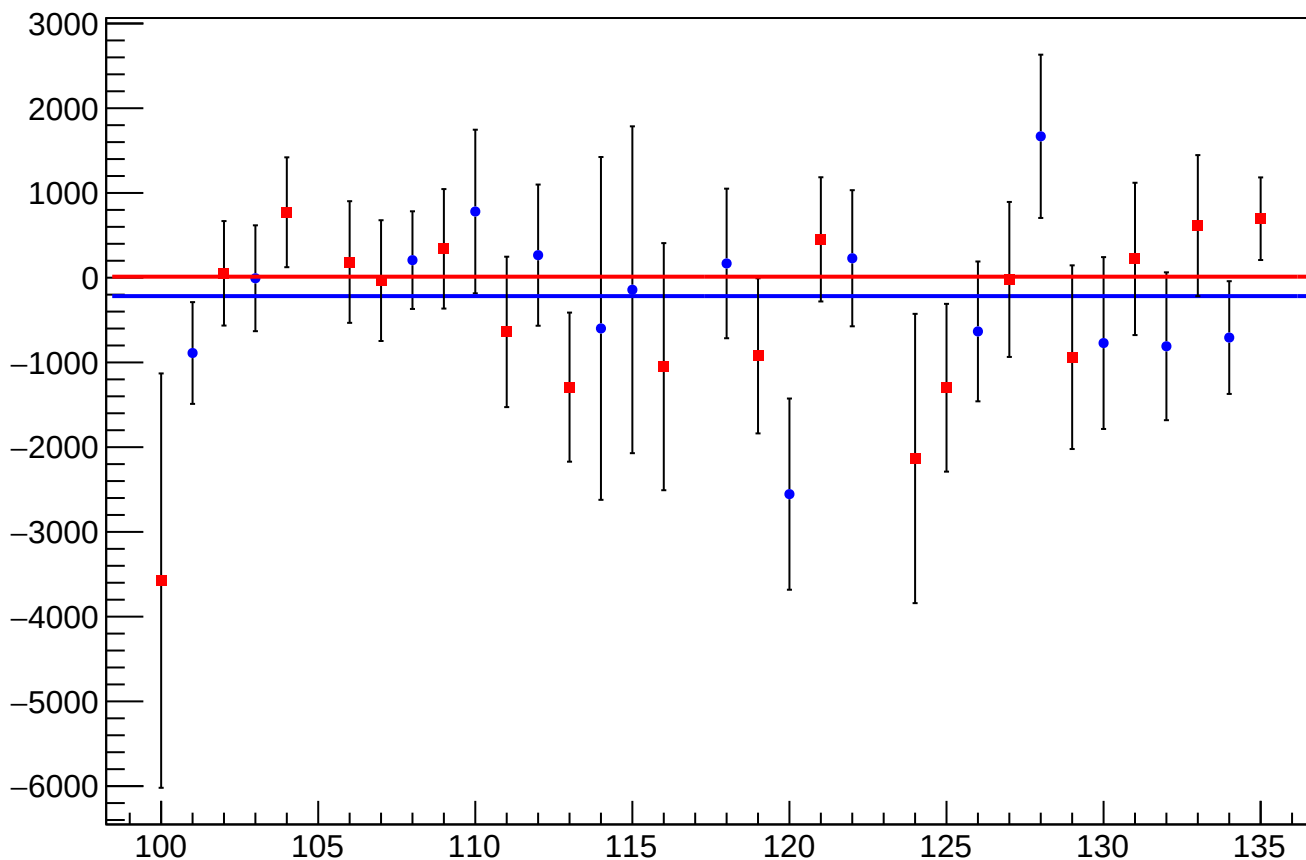
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 59.848+/-0.012 χ^2/NDF : 734984.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_mean vs Slug



Right In: -217.331 ± 212.782 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.945 ± 190.738 χ^2/NDF : 15.1/17

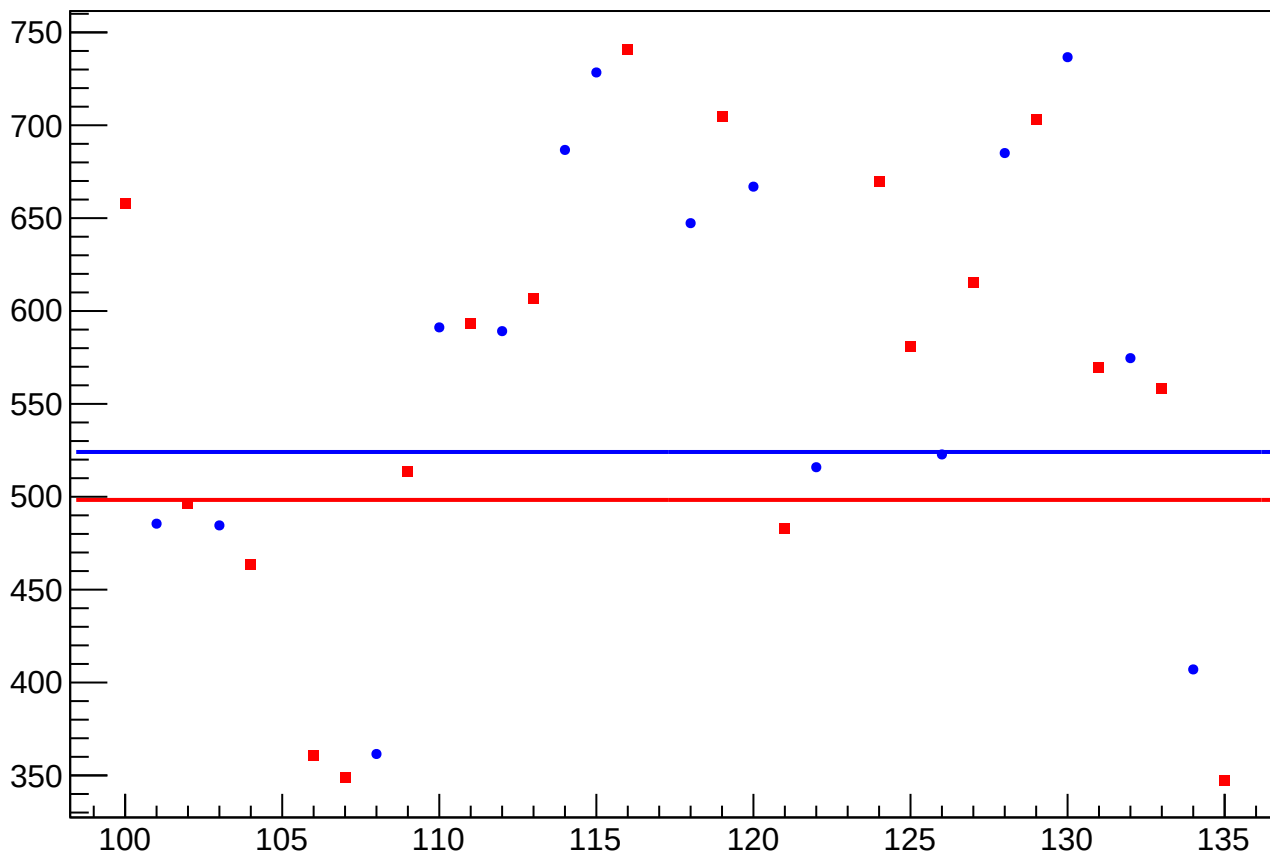
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -90.205 ± 142.028 χ^2/NDF : 29.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_cor_correction_rms vs Slug



Right In: 524.114+/-0.150 χ^2/NDF : 516190.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 498.307+/-0.135 χ^2/NDF : 740361.6/17

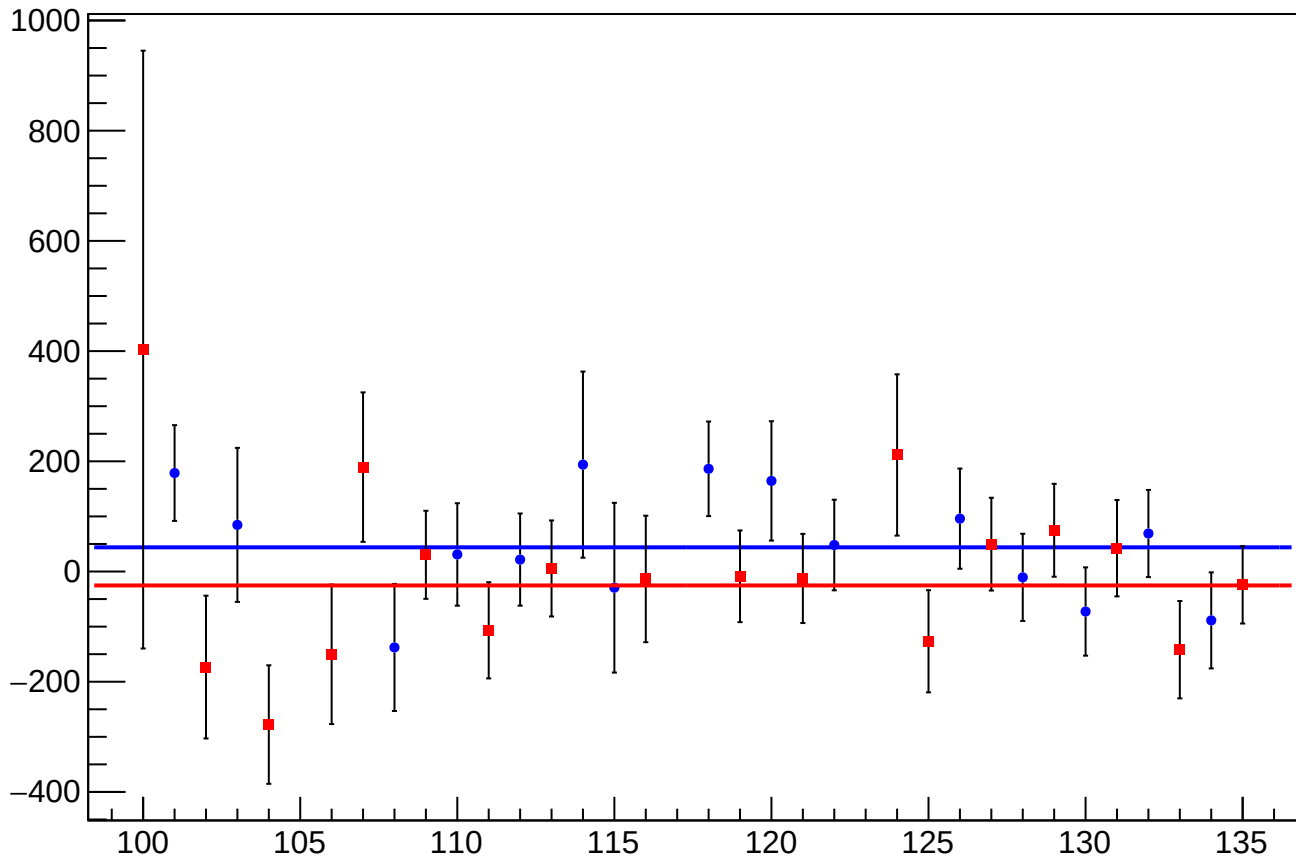
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 509.805+/-0.100 χ^2/NDF : 1272865.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_mean vs Slug



Right In: 43.911+/-24.312 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -25.249+/-22.554 χ^2/NDF : 20.8/17

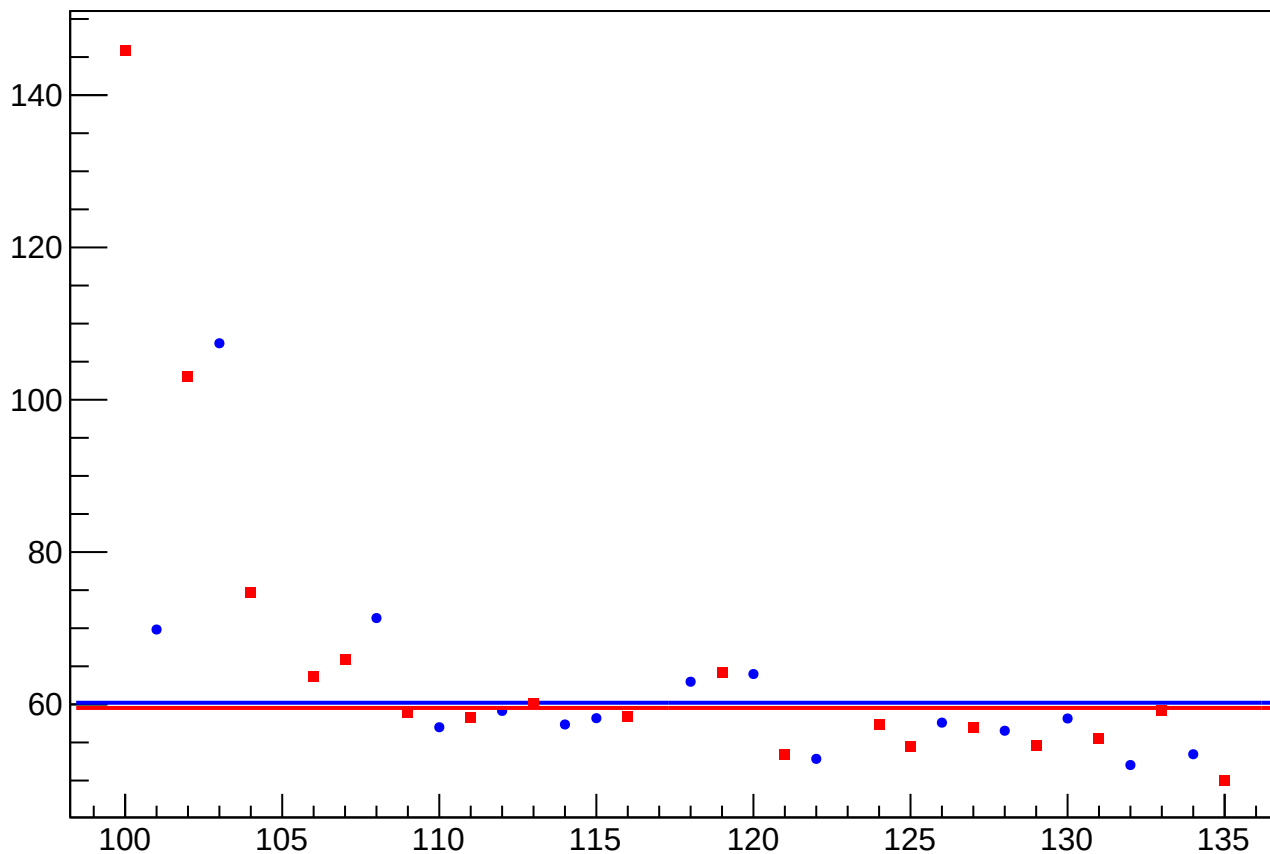
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.739+/-16.535 χ^2/NDF : 40.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_13_57_dd_rms vs Slug



Right In: 60.216 $\pm$ 0.017 χ^2 /NDF: 336019.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 59.532 $\pm$ 0.016 χ^2 /NDF: 398117.3/17

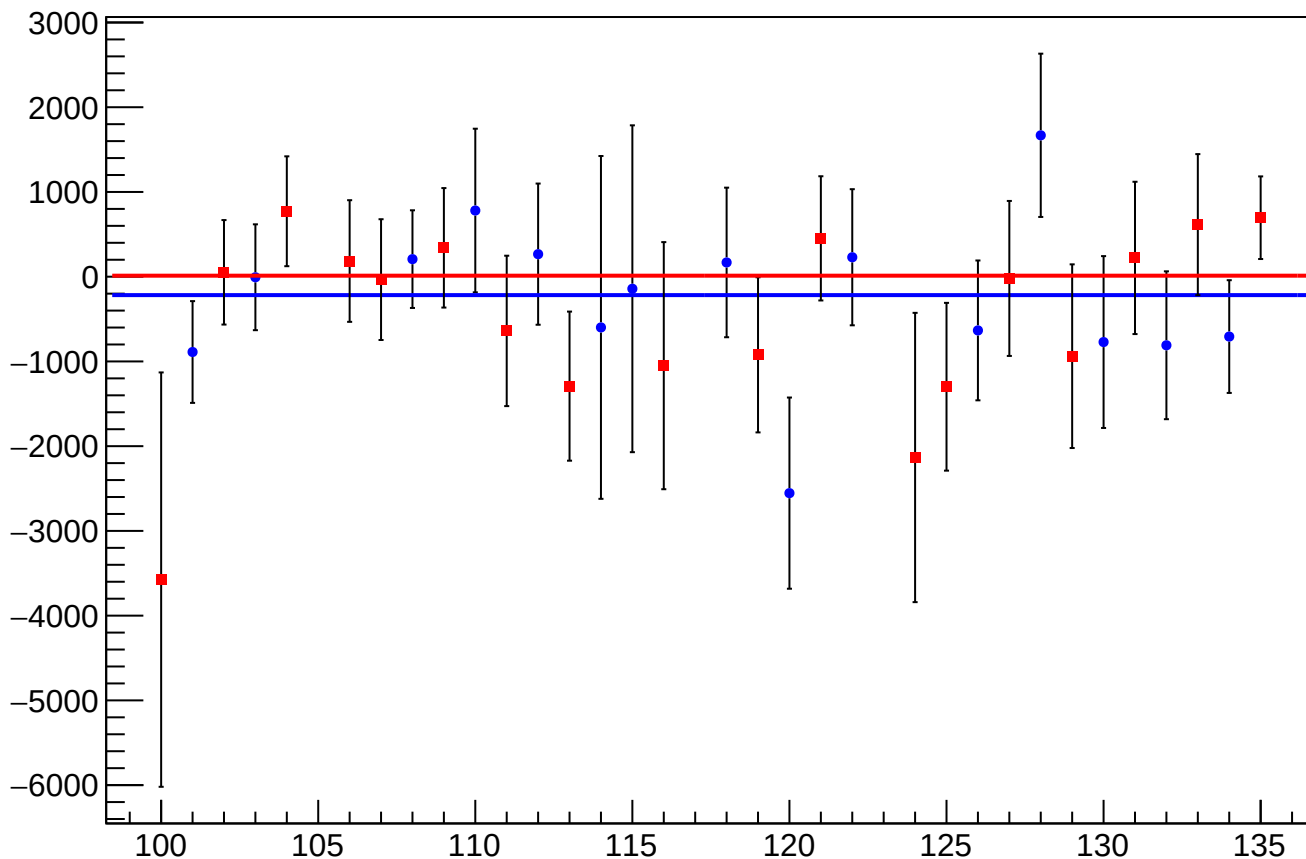
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.848 $\pm$ 0.012 χ^2 /NDF: 734984.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_mean vs Slug



Right In: -217.331 ± 212.782 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 11.945 ± 190.738 χ^2/NDF : 15.1/17

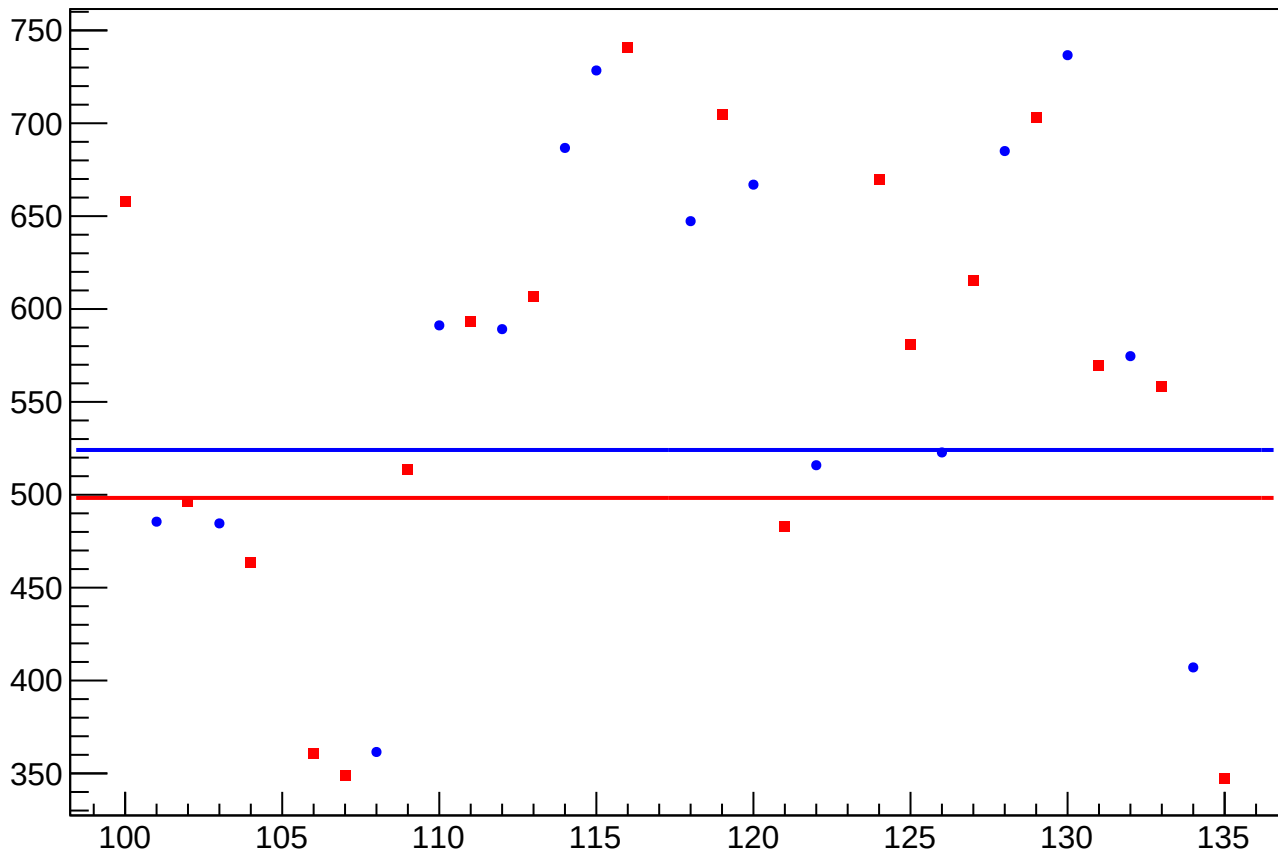
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -90.205 ± 142.028 χ^2/NDF : 29.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_cor_correction_rms vs Slug



Right In: 524.114 $\pm$ 0.150 χ^2 /NDF: 516190.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 498.307 $\pm$ 0.135 χ^2 /NDF: 740361.6/17

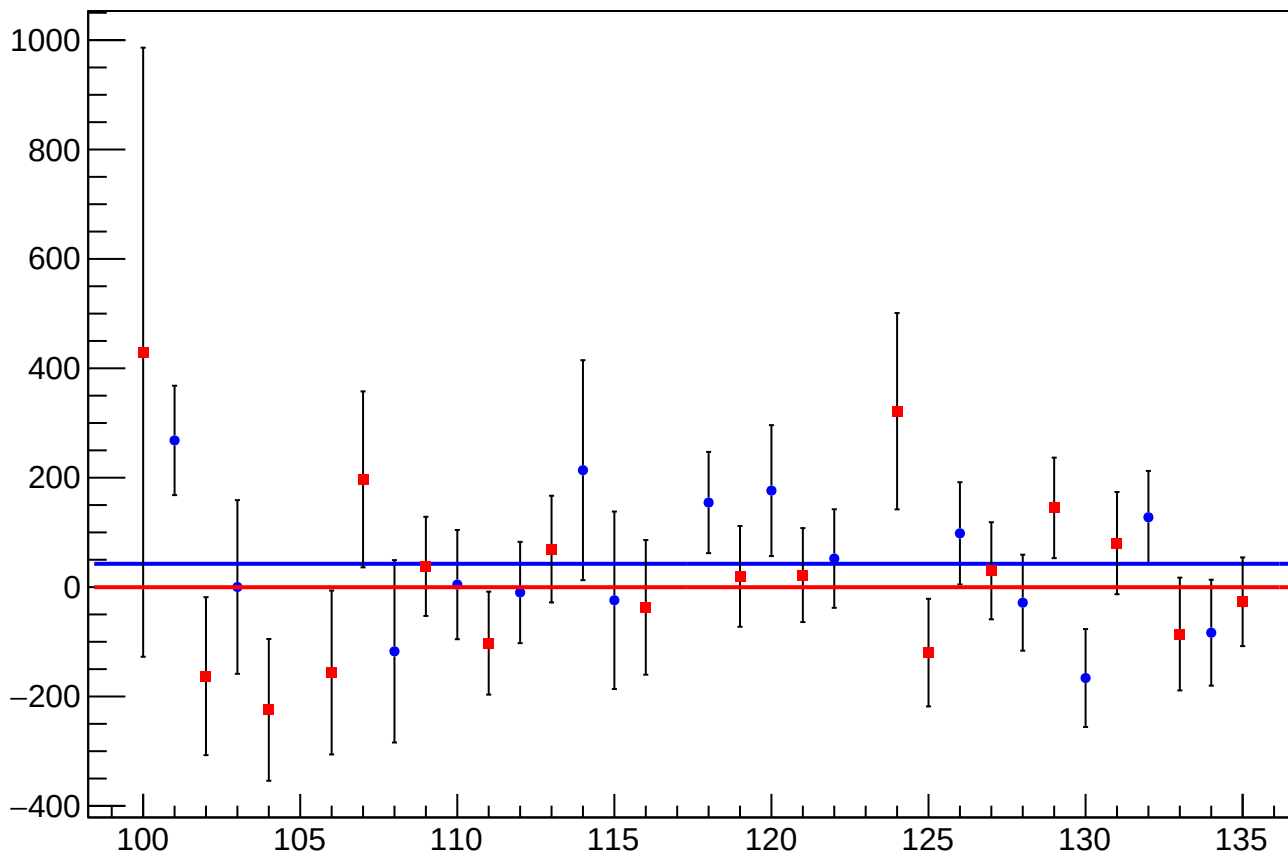
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 509.805 $\pm$ 0.100 χ^2 /NDF: 1272865.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_mean vs Slug



Right In: 42.598 $\pm$ 26.917 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.190 $\pm$ 25.049 χ^2 /NDF: 18.4/17

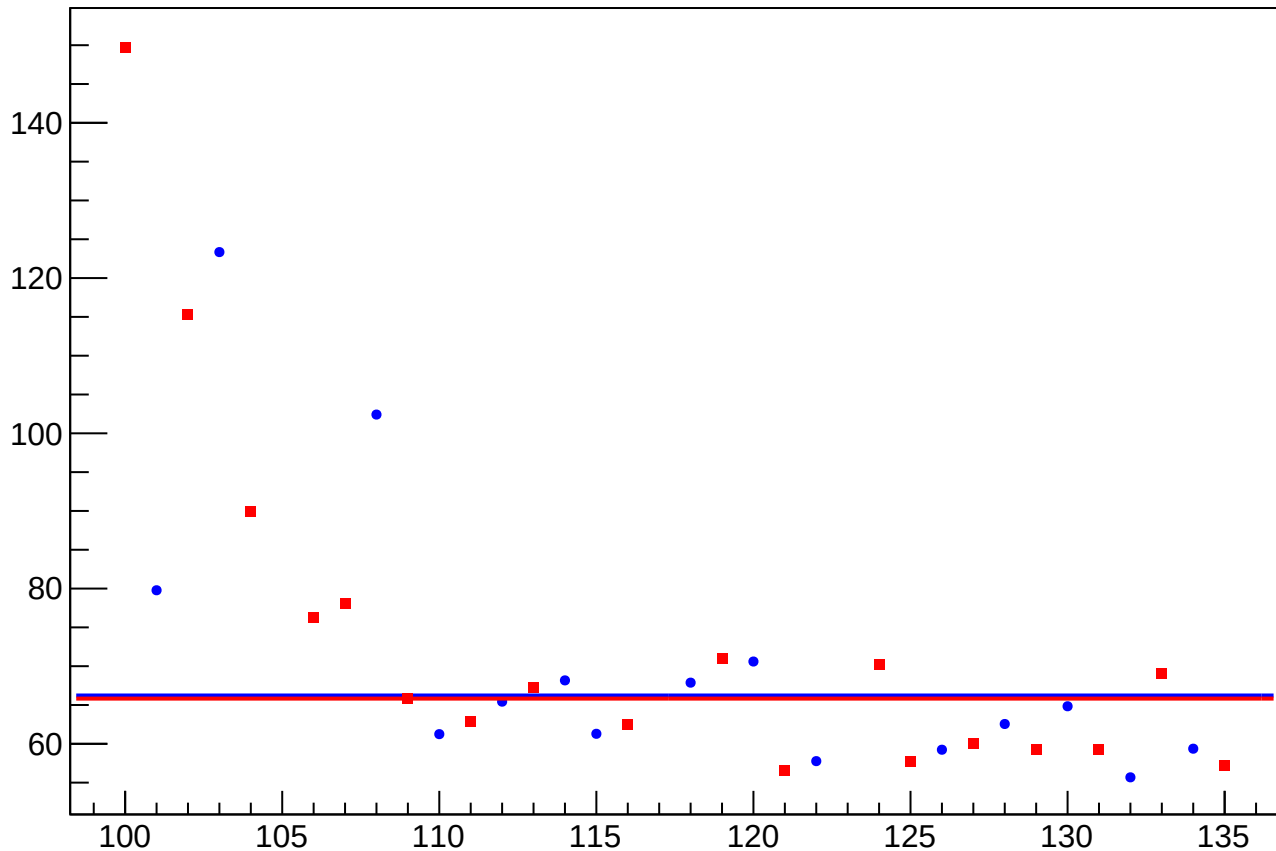
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.668 $\pm$ 18.337 χ^2 /NDF: 39.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_13_57_dd_rms vs Slug



Right In: 66.225+/-0.019 χ^2/NDF : 474112.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.824+/-0.018 χ^2/NDF : 471667.8/17

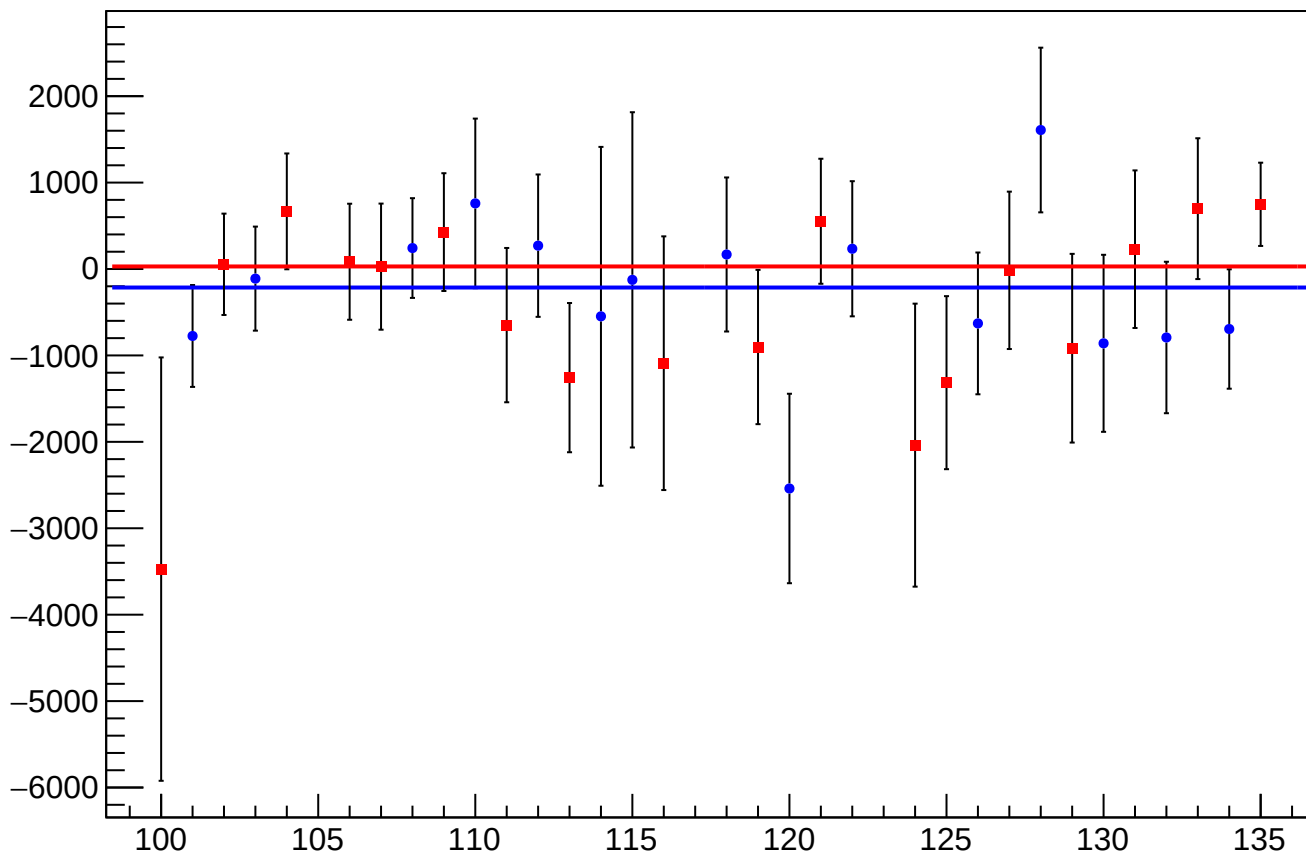
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.010+/-0.013 χ^2/NDF : 946017.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_mean vs Slug



Right In: -214.279 ± 211.546 χ^2/NDF : 13.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 29.495 ± 188.265 χ^2/NDF : 15.4/17

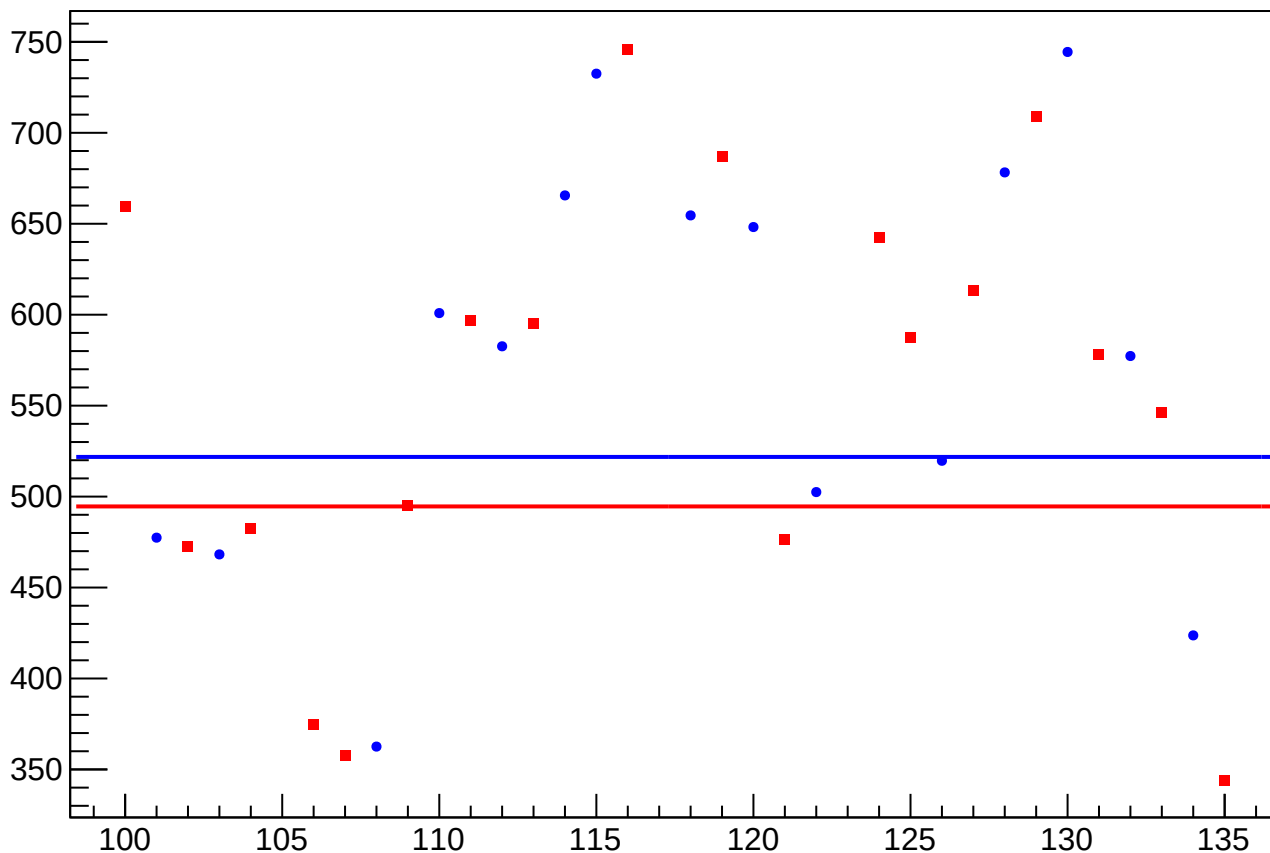
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -78.245 ± 140.637 χ^2/NDF : 29.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_correction_rms vs Slug



Right In: 521.809+/-0.150 χ^2/NDF : 506744.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

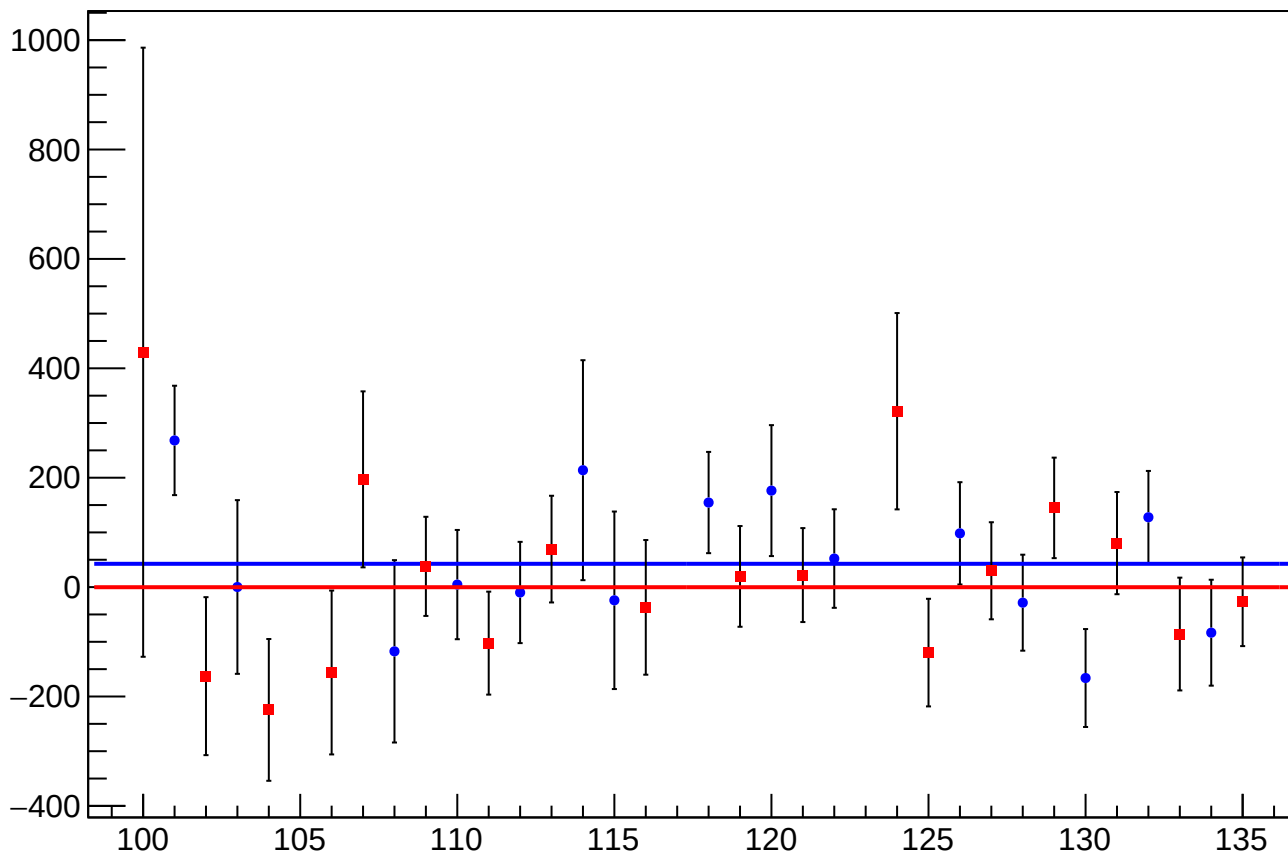
Right Out: 494.592+/-0.133 χ^2/NDF : 718108.2/17

All: 506.621+/-0.099 χ^2/NDF : 1243327.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_13_57_dd_mean vs Slug



Right In: 42.599 $\pm$ 26.917 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.190 $\pm$ 25.049 χ^2 /NDF: 18.4/17

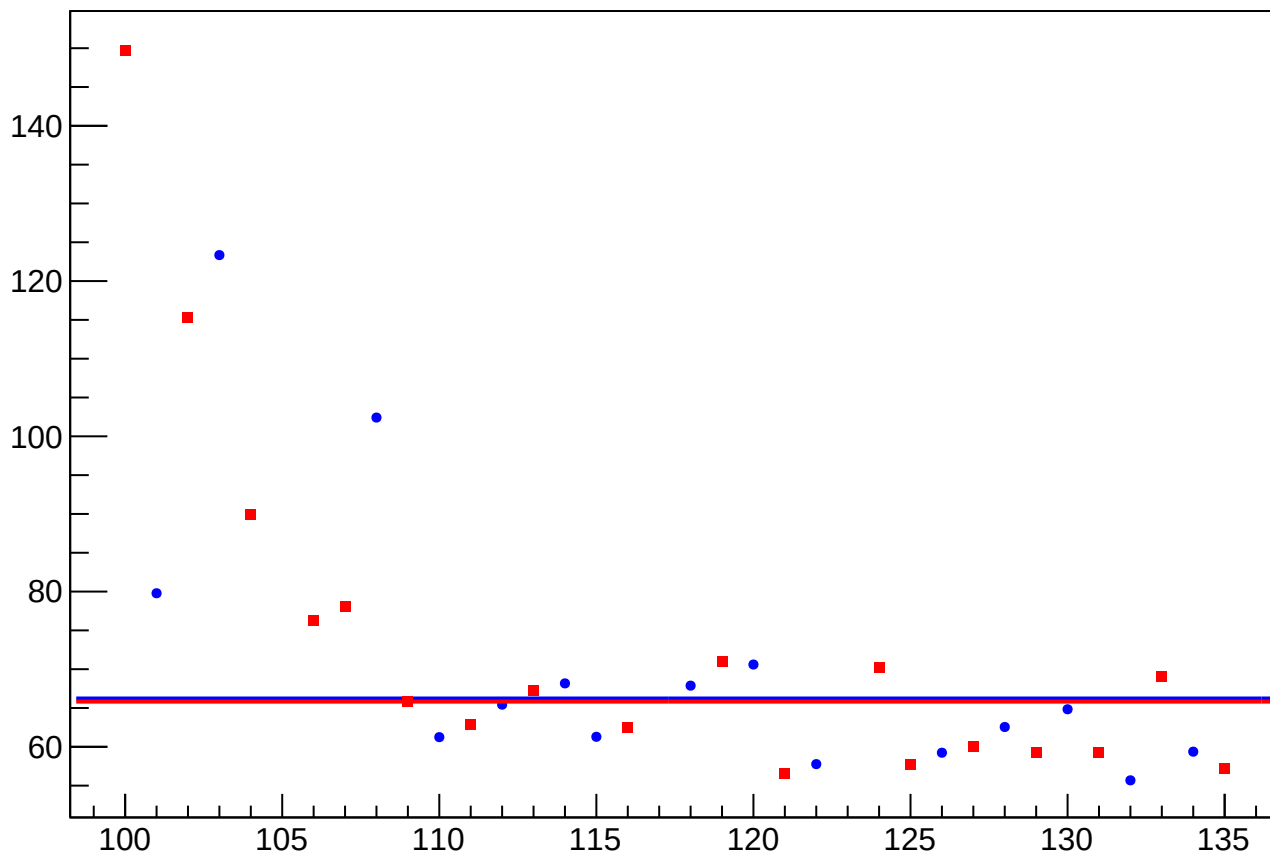
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.668 $\pm$ 18.337 χ^2 /NDF: 39.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_13_57_dd_rms vs Slug



Right In: 66.225+/-0.019 χ^2/NDF : 474115.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.824+/-0.018 χ^2/NDF : 471672.8/17

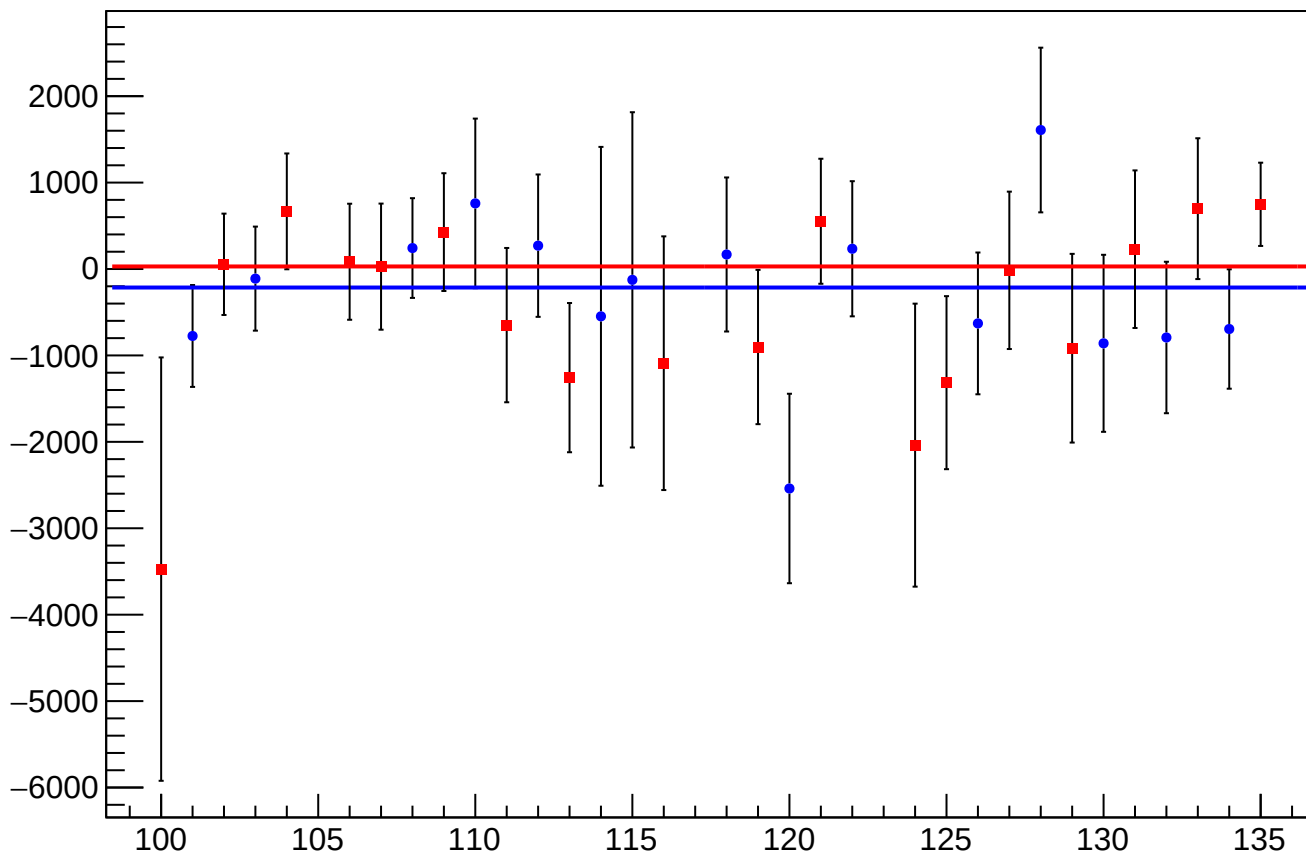
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 66.010+/-0.013 χ^2/NDF : 946025.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_mean vs Slug



Right In: -214.278+/-211.546 χ^2/NDF : 13.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.495+/-188.264 χ^2/NDF : 15.4/17

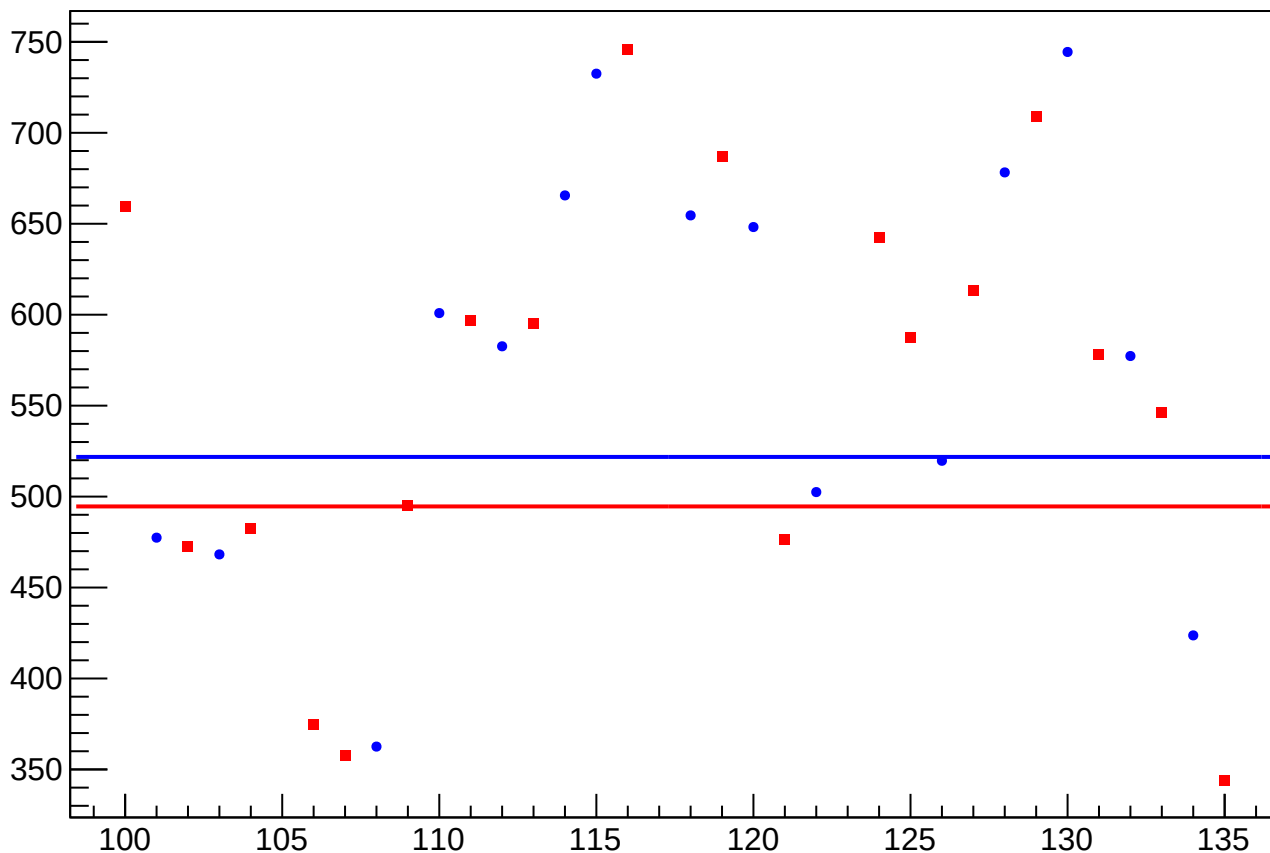
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -78.244+/-140.637 χ^2/NDF : 29.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_correction_rms vs Slug



Right In: 521.809+/-0.150 χ^2/NDF : 506747.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

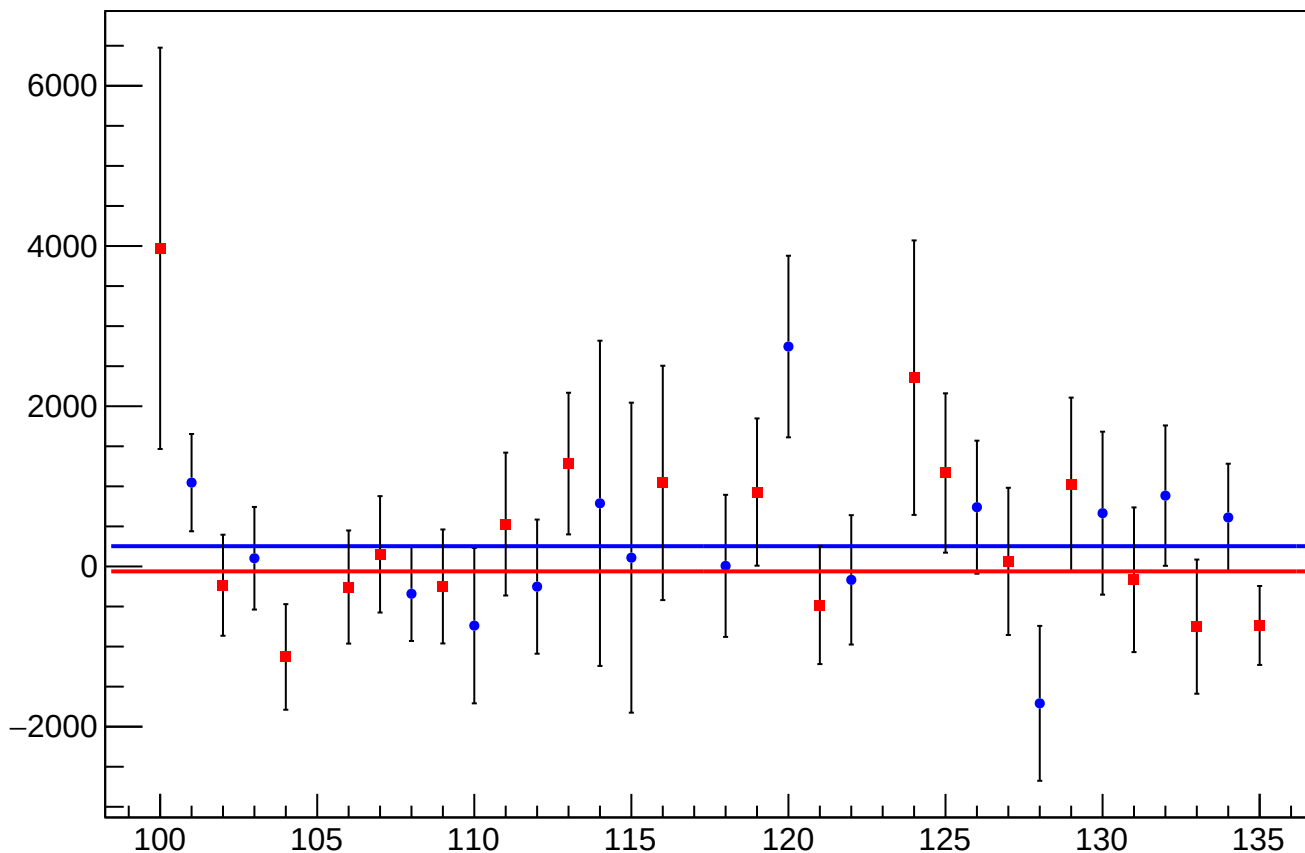
Right Out: 494.591+/-0.133 χ^2/NDF : 718108.2/17

All: 506.620+/-0.099 χ^2/NDF : 1243330.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_mean vs Slug



Right In: 253.057 $\pm$ 215.054 χ^2 /NDF: 14.9/14

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

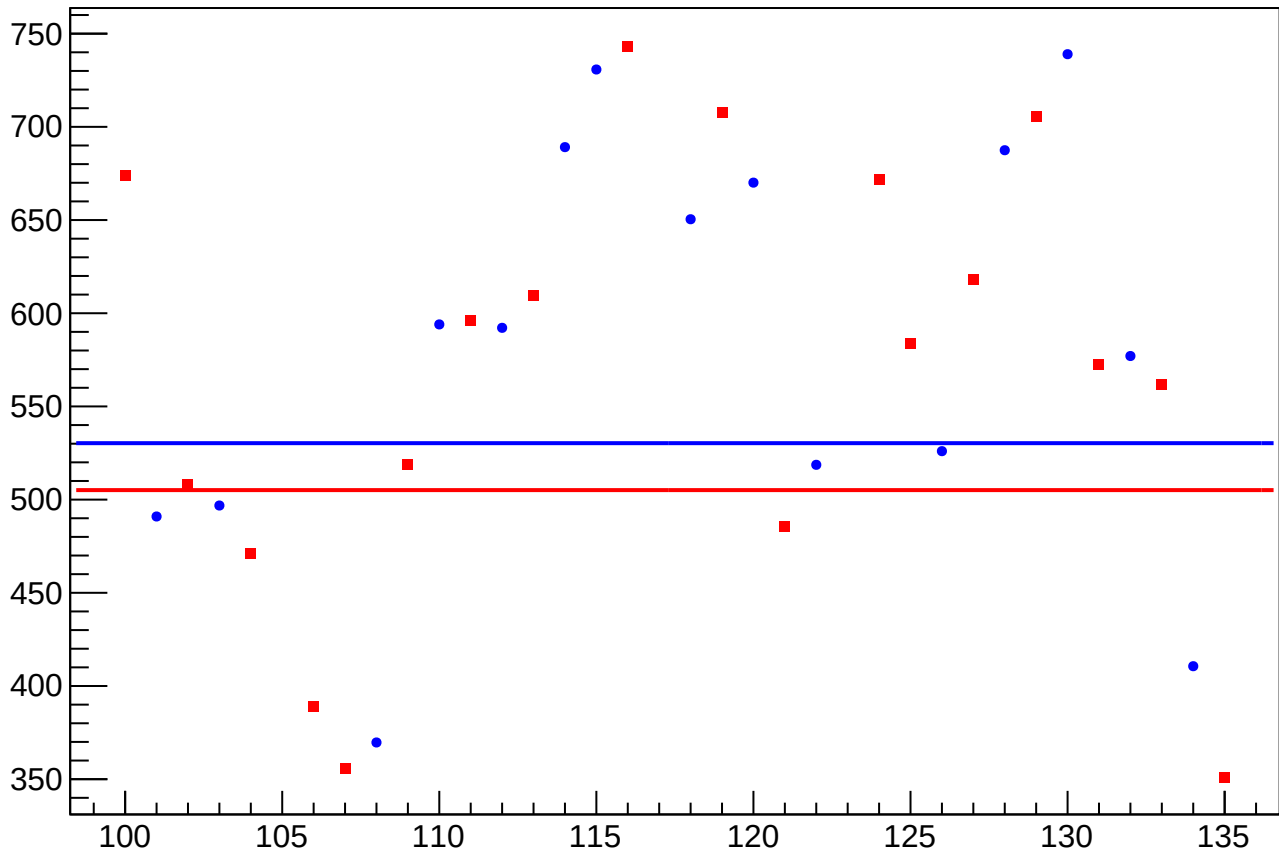
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 78.434 $\pm$ 143.359 χ^2 /NDF: 33.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_rms vs Slug



Right In: 530.287 $\pm$ 0.152 χ^2 /NDF: 489547.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 505.103 $\pm$ 0.136 χ^2 /NDF: 699660.3/17

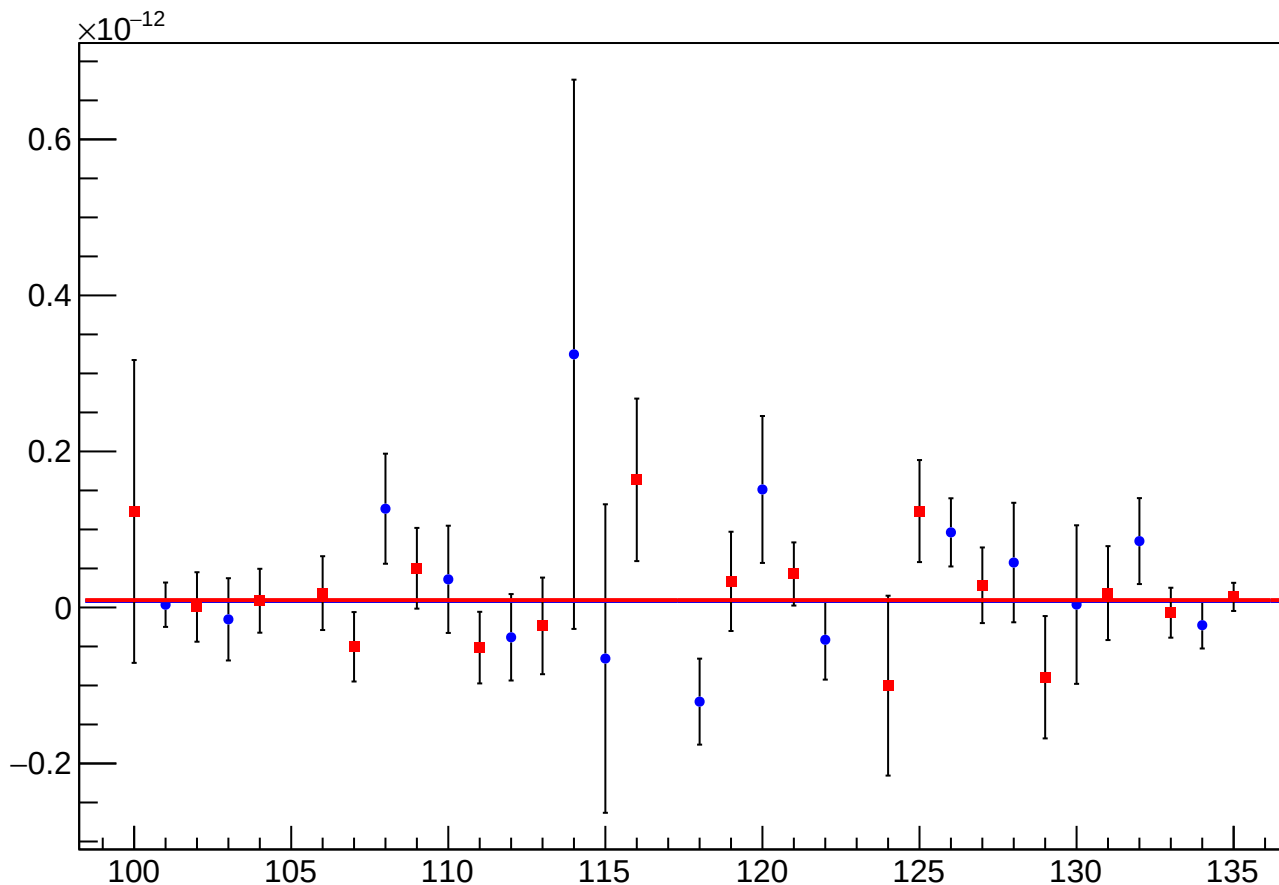
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 516.294 $\pm$ 0.101 χ^2 /NDF: 1204447.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/17

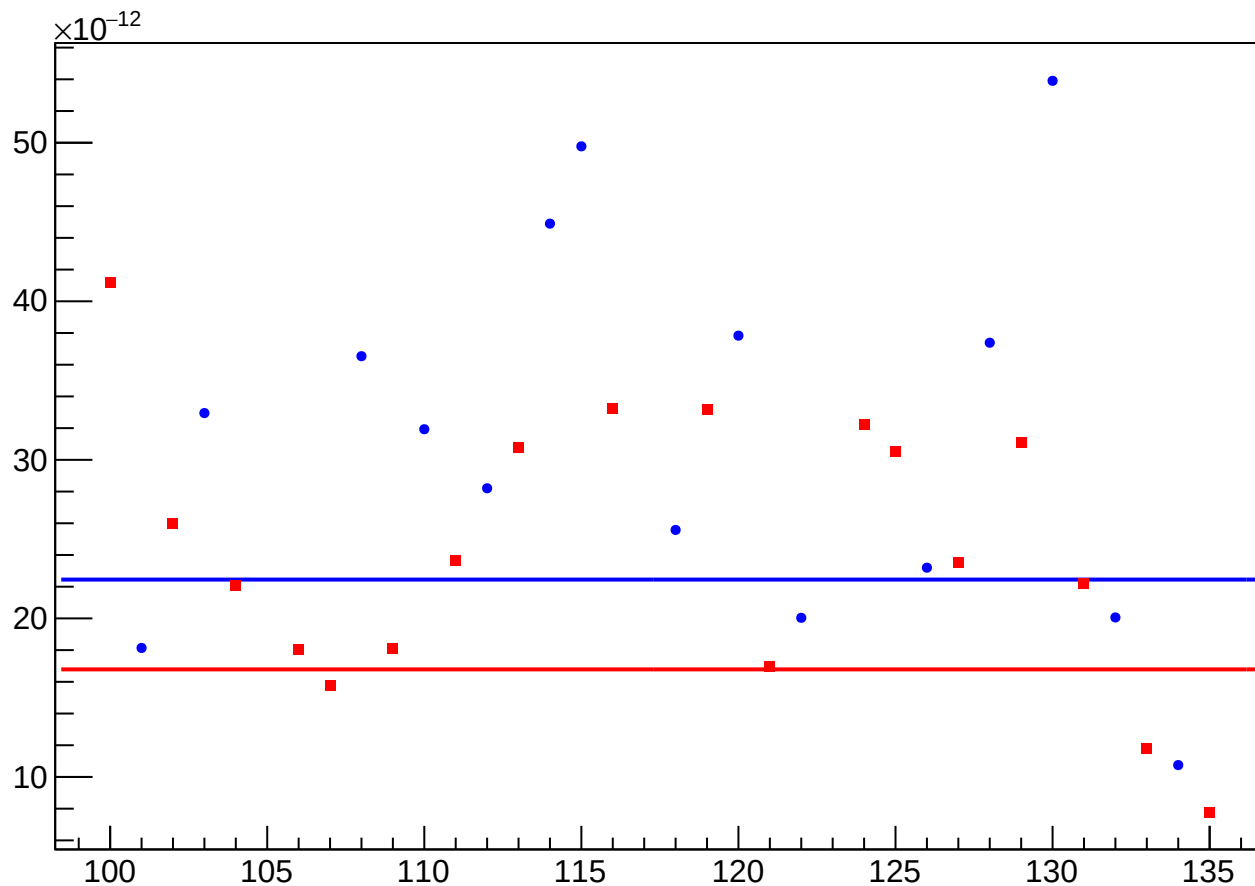
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 35.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 953472.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1280676.8/17

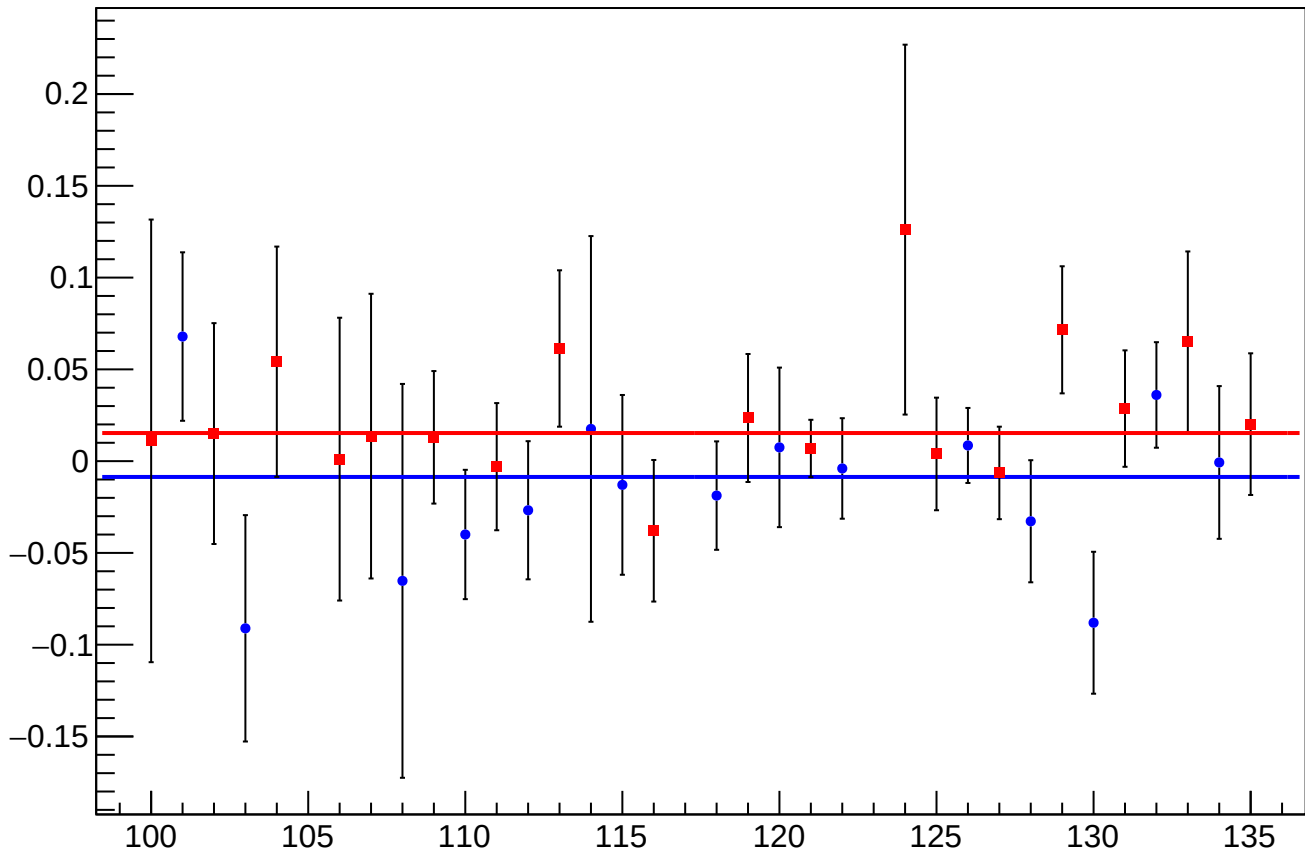
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2454674.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.009 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.008 χ^2 /NDF: 10.1/17

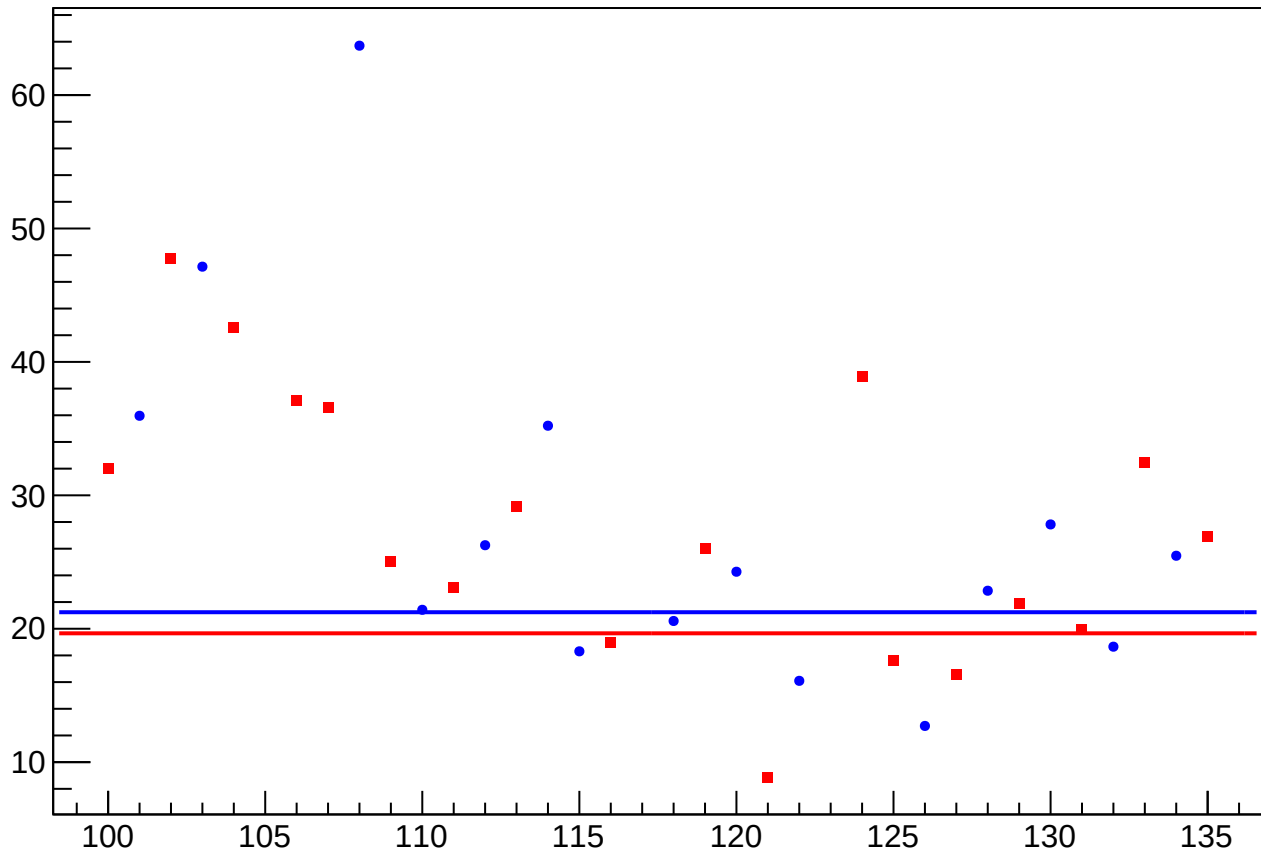
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.238 $\pm$ 0.007 χ^2 /NDF: 1478630.3/14

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

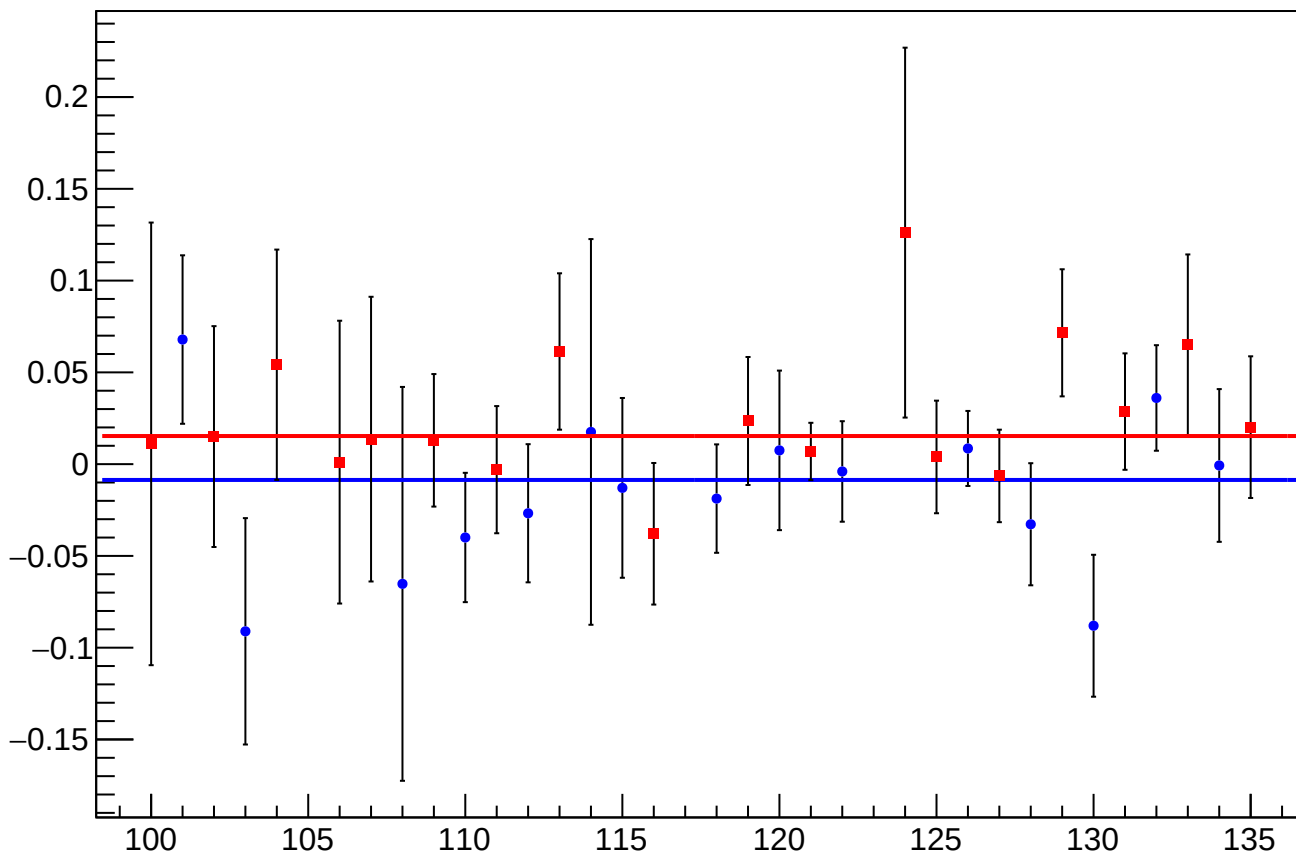
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.365 $\pm$ 0.004 χ^2 /NDF: 3948182.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.009 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.008 χ^2 /NDF: 10.1/17

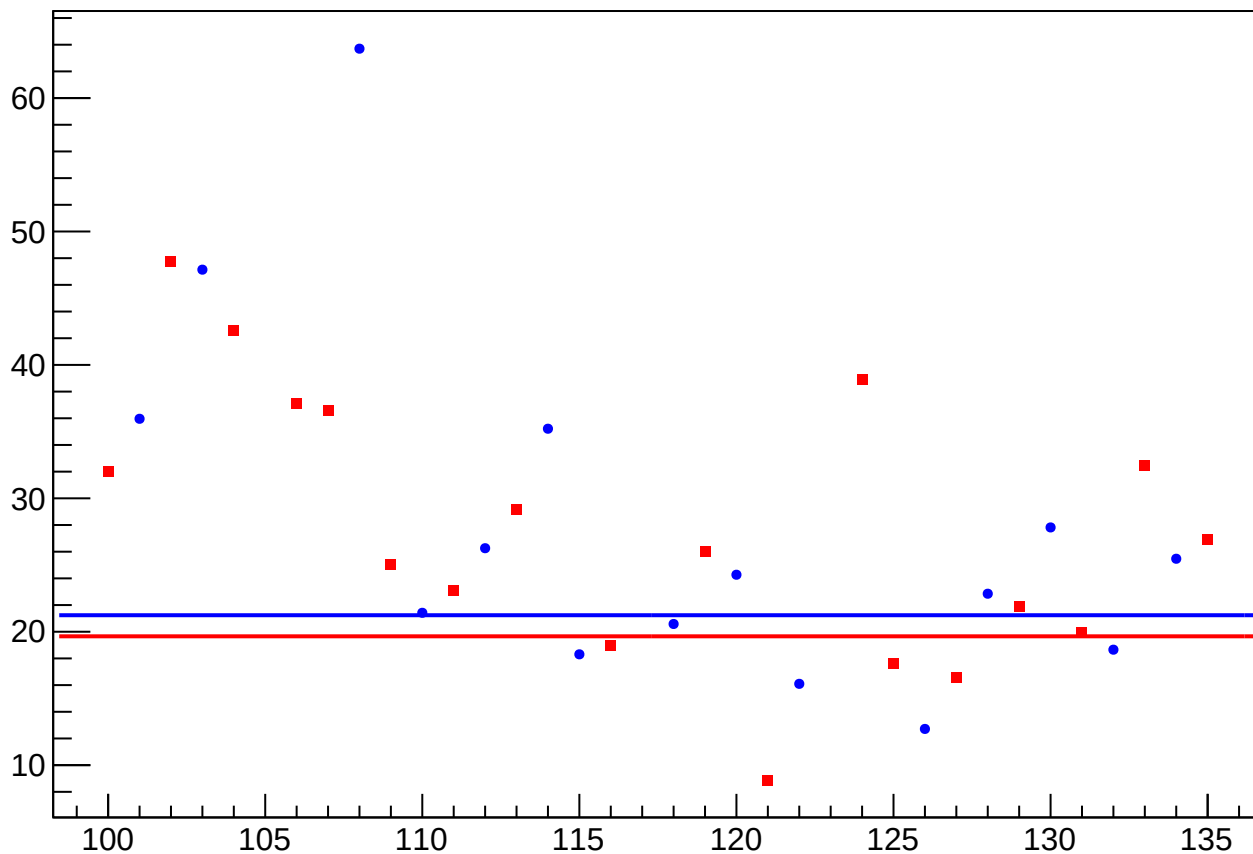
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.238+/-0.007 χ^2/NDF : 1478630.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.657+/-0.006 χ^2/NDF : 2437497.4/17

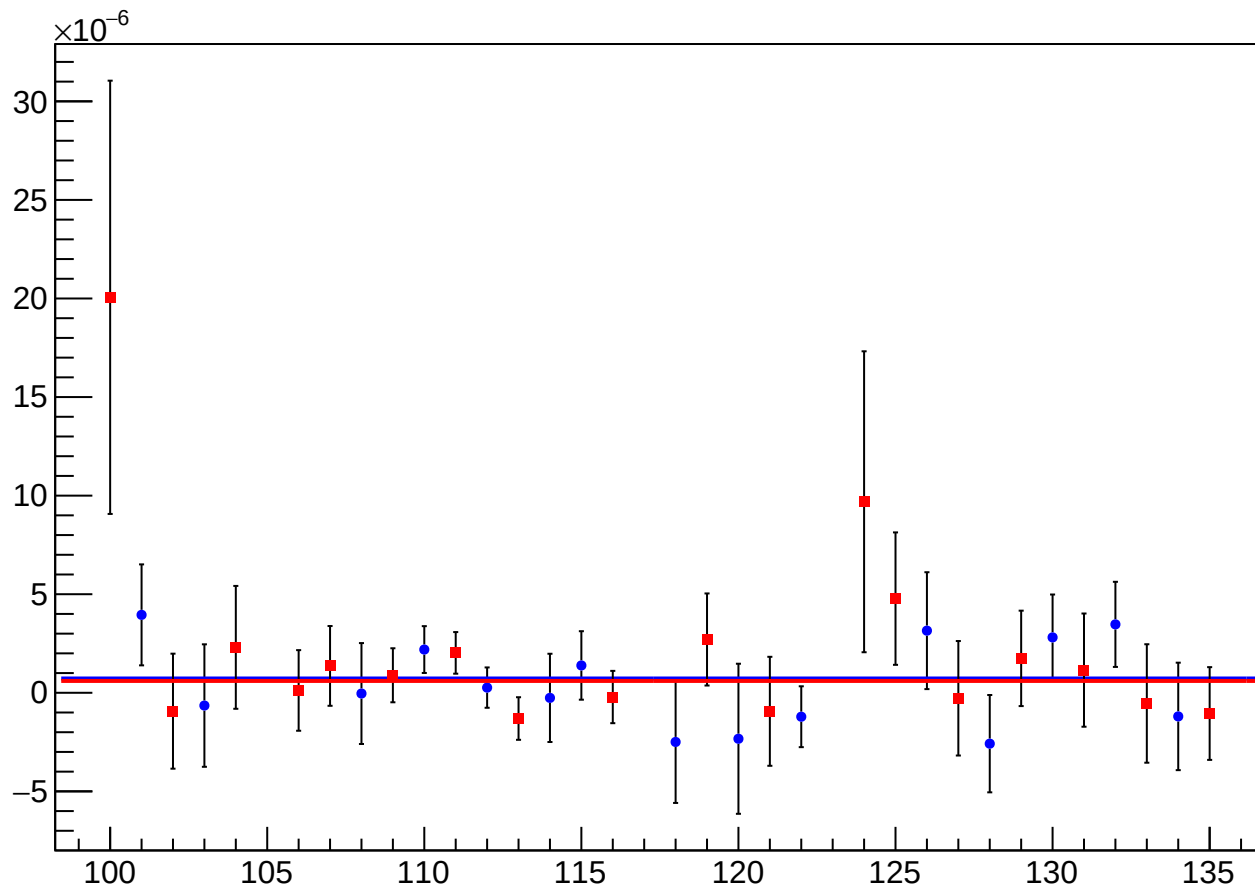
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.365+/-0.004 χ^2/NDF : 3948182.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/17

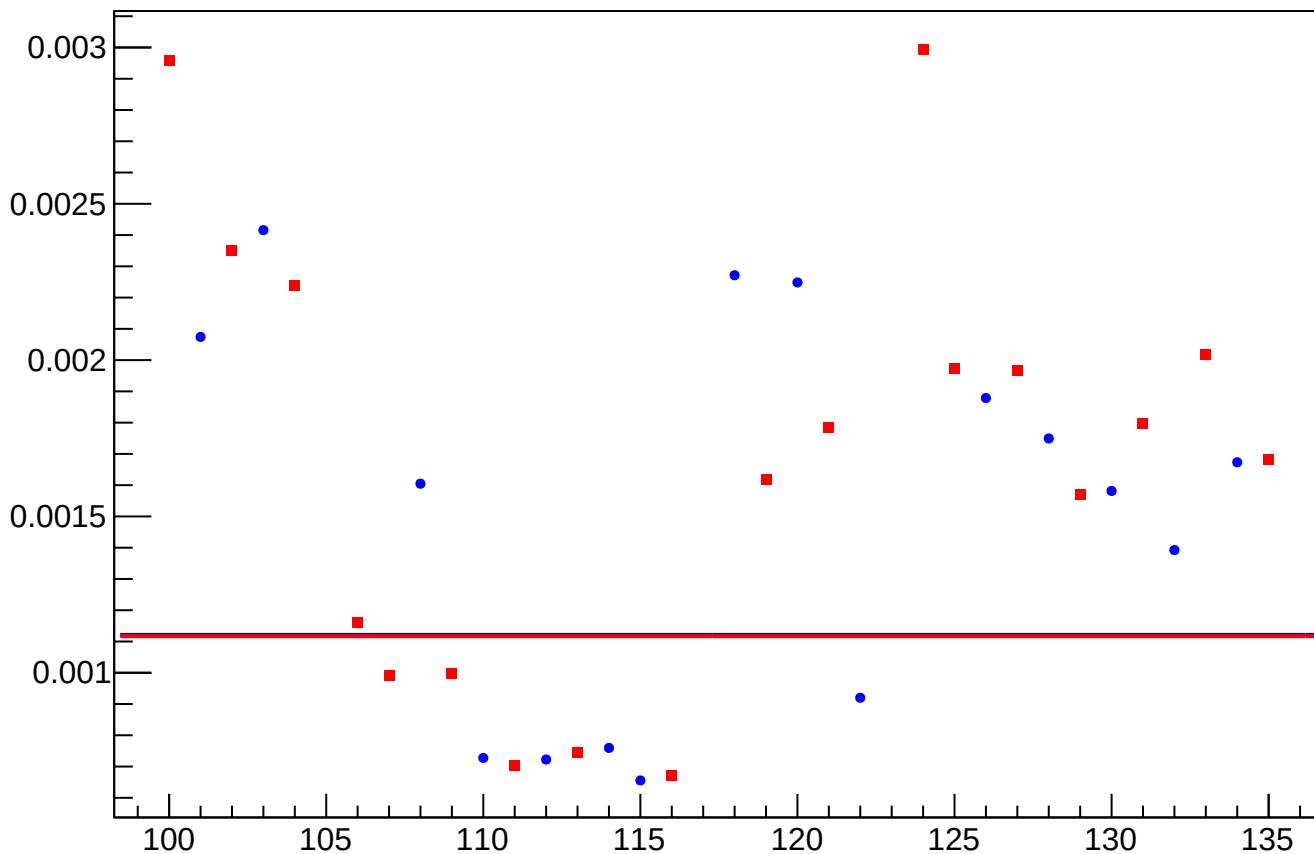
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 2364892.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2570749.7/17

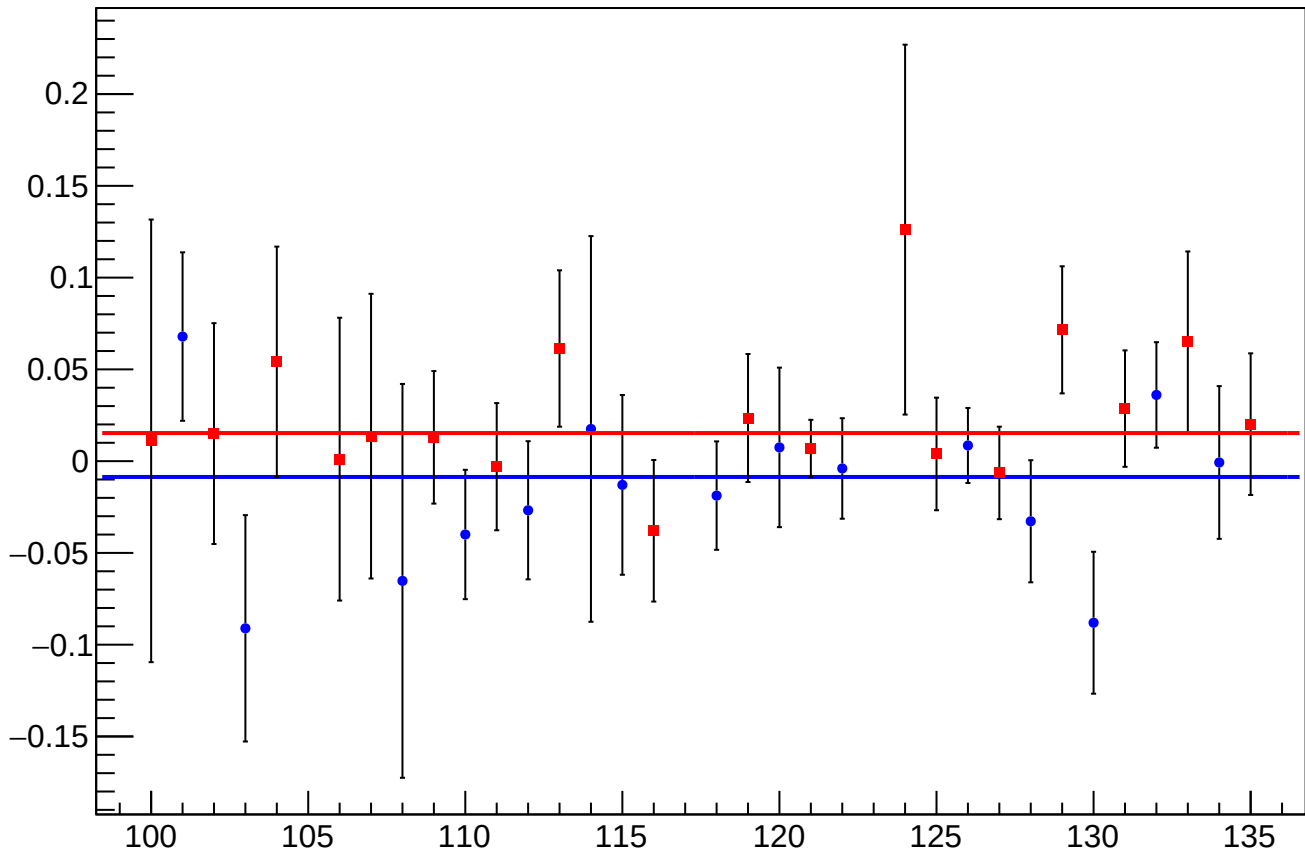
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4935712.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.009 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.015 $\pm$ 0.008 χ^2 /NDF: 10.1/17

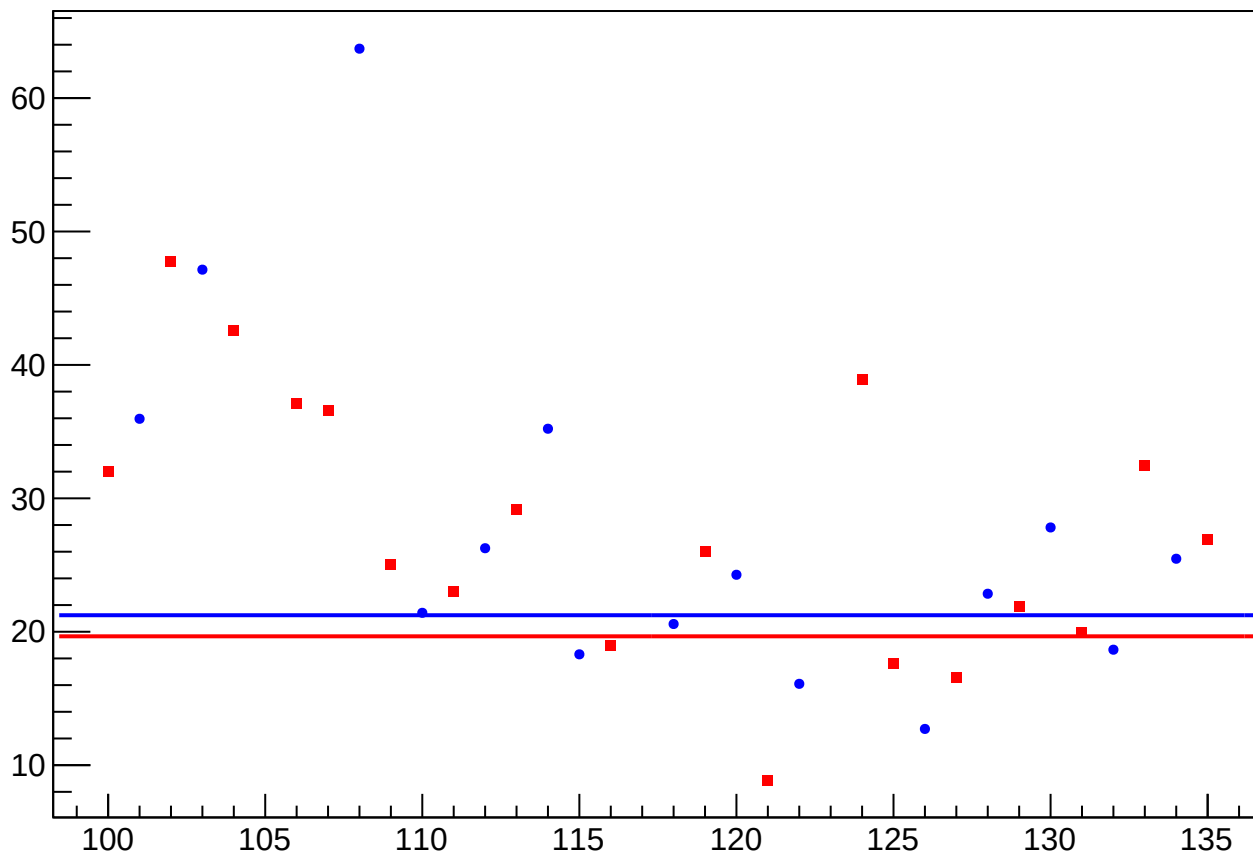
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.238+/-0.007 χ^2/NDF : 1478468.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.658+/-0.006 χ^2/NDF : 2437134.8/17

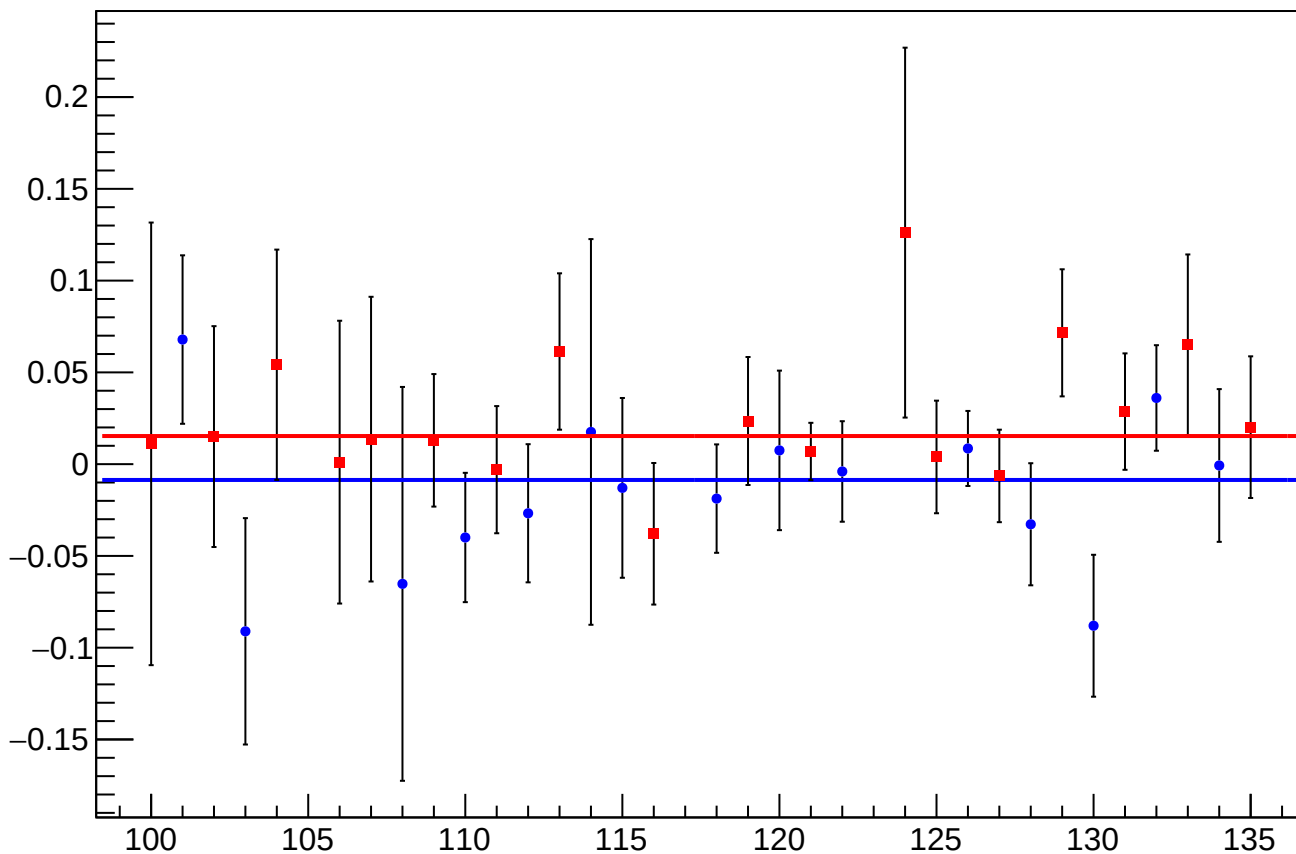
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.365+/-0.004 χ^2/NDF : 3947649.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.009 $\pm$ 0.009 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.015 $\pm$ 0.008 χ^2 /NDF: 10.1/17

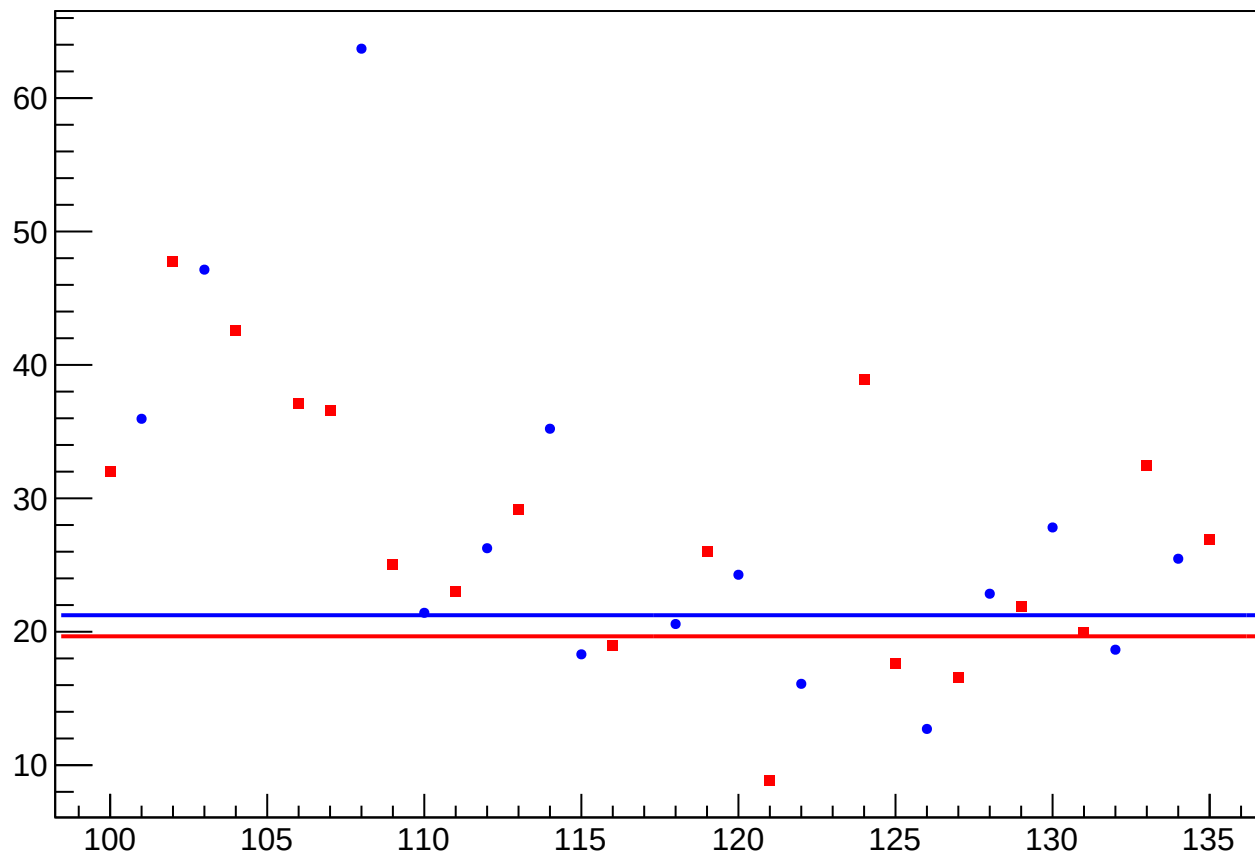
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.005 $\pm$ 0.006 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.238 $\pm$ 0.007 χ^2 /NDF: 1478468.5/14

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

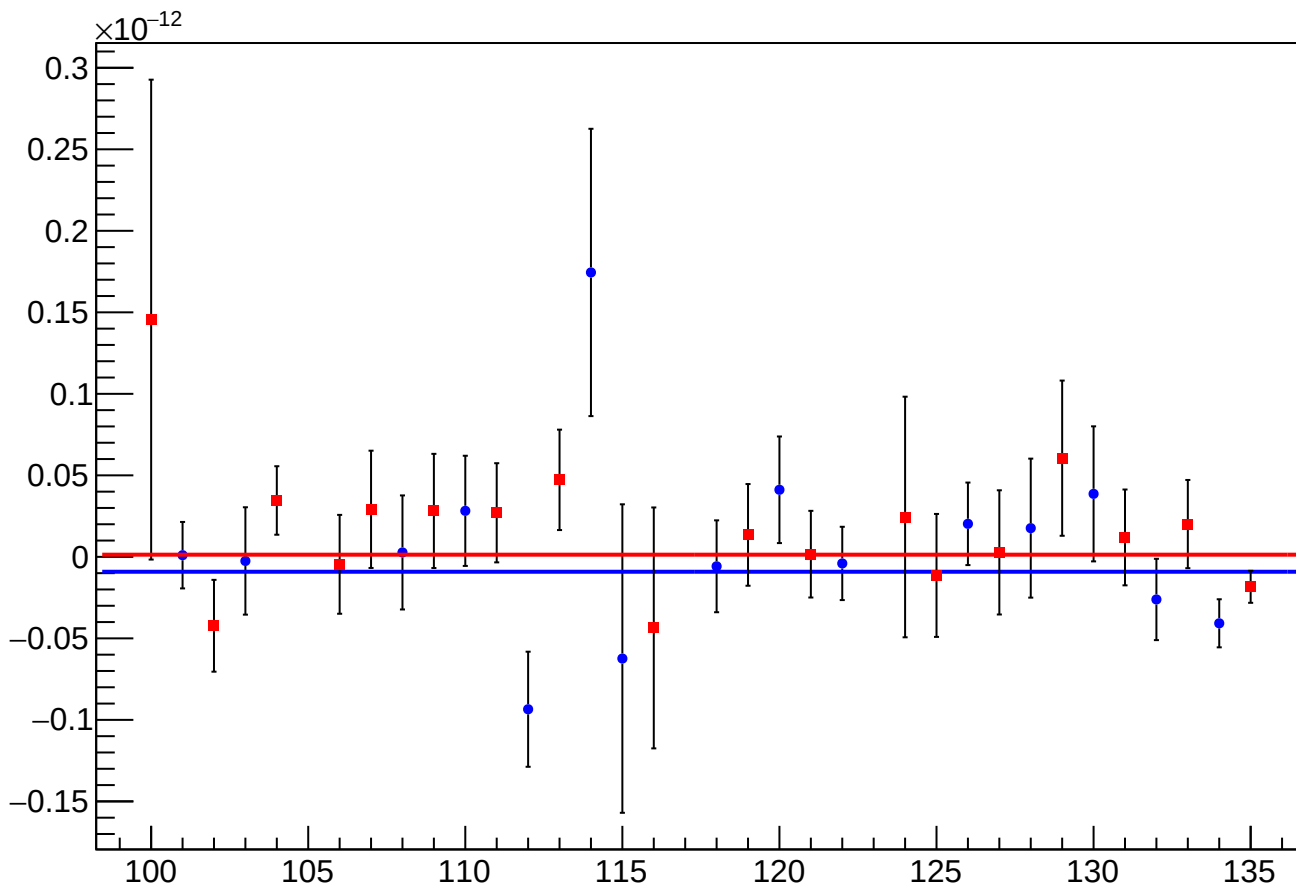
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.365 $\pm$ 0.004 χ^2 /NDF: 3947649.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.0/17

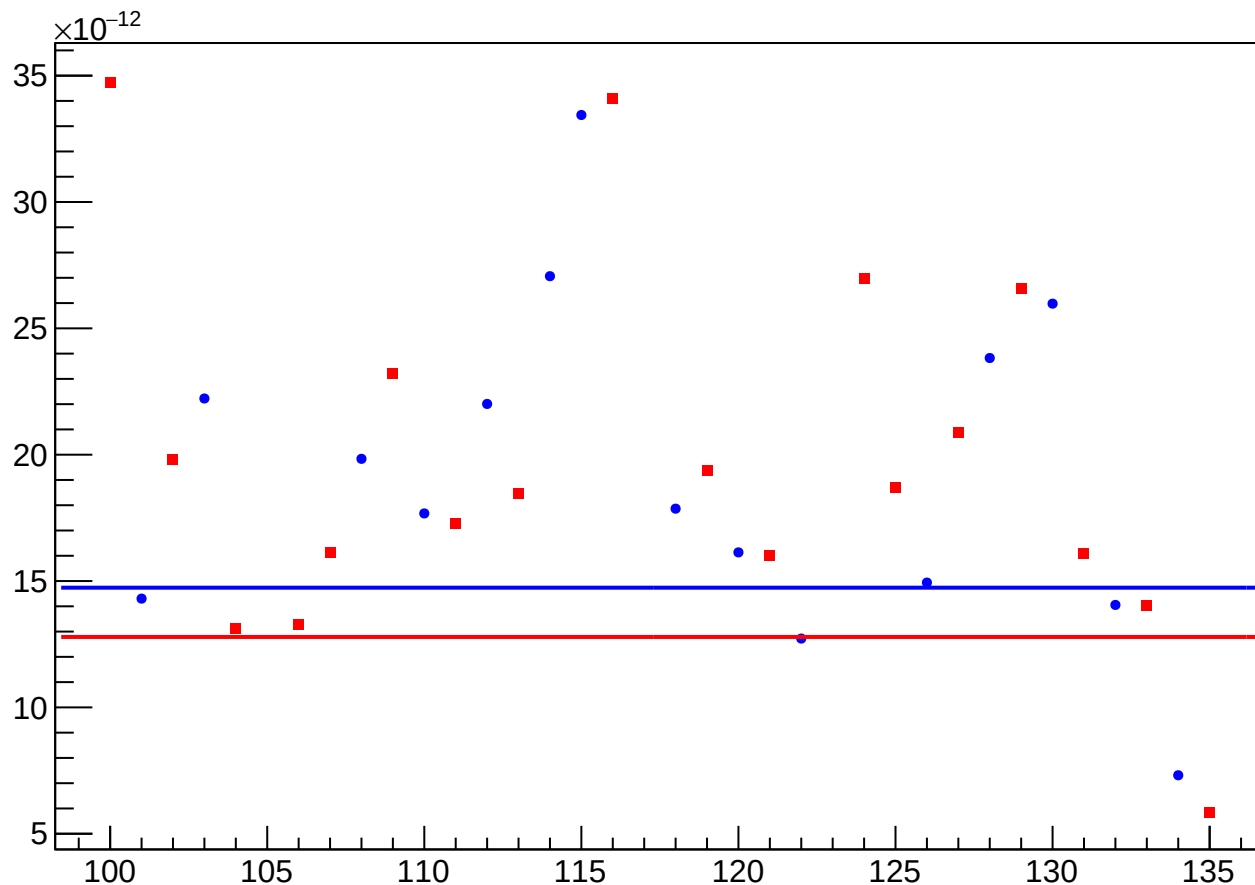
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 40.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_13_57_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1155064.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2176599.0/17

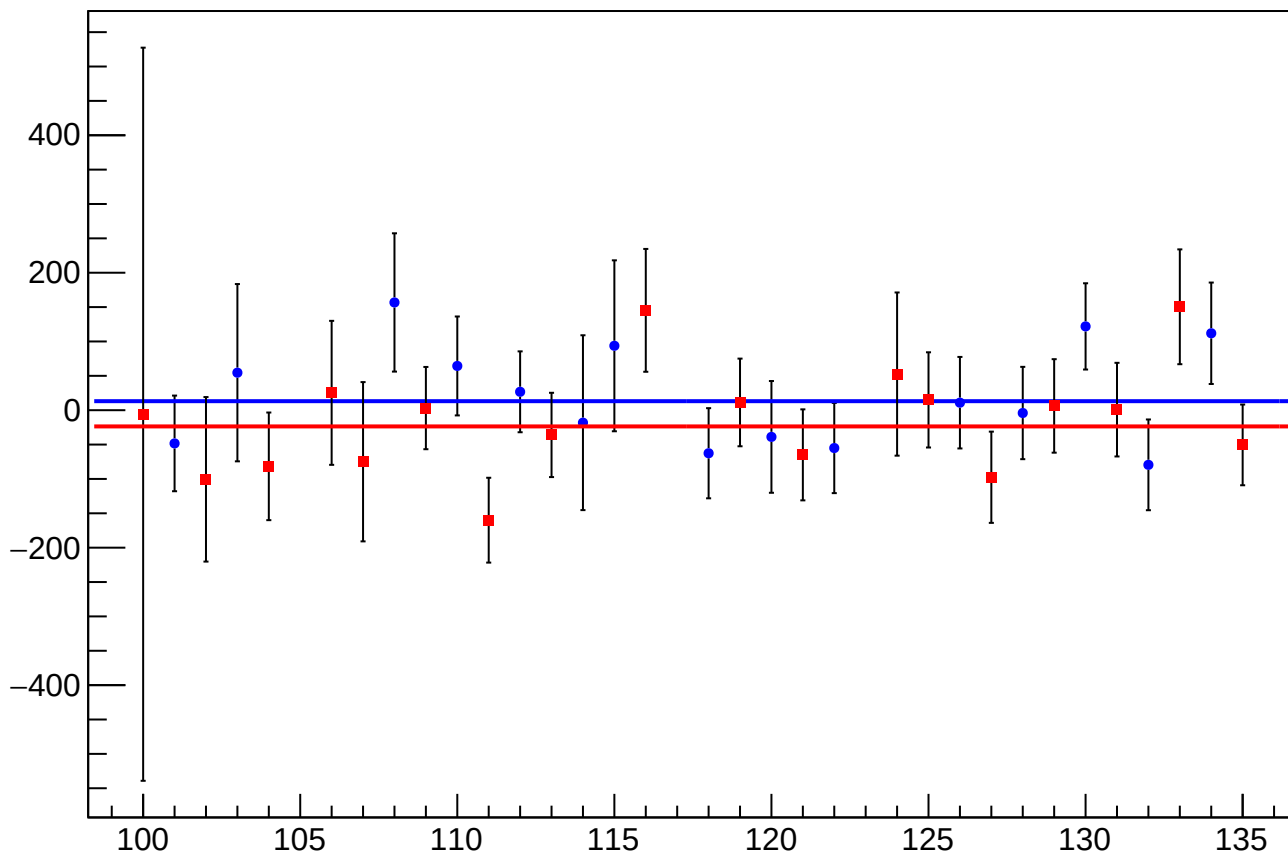
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3415406.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_mean vs Slug



Right In: 13.128+/-19.229 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.602+/-17.731 χ^2/NDF : 17.6/17

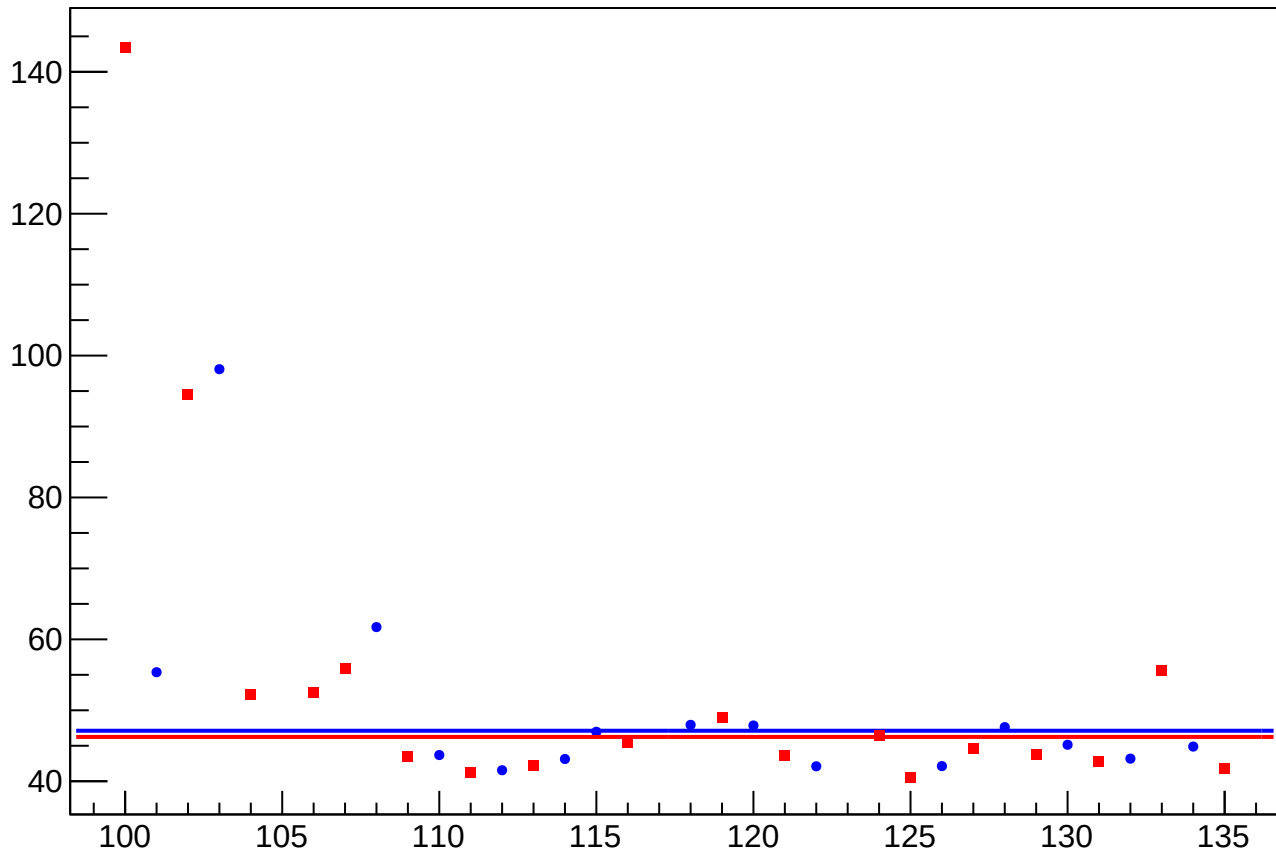
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.723+/-13.035 χ^2/NDF : 33.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_rms vs Slug



Right In: 47.118 $\pm$ 0.014 χ^2 /NDF: 441449.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.247 $\pm$ 0.013 χ^2 /NDF: 517277.9/17

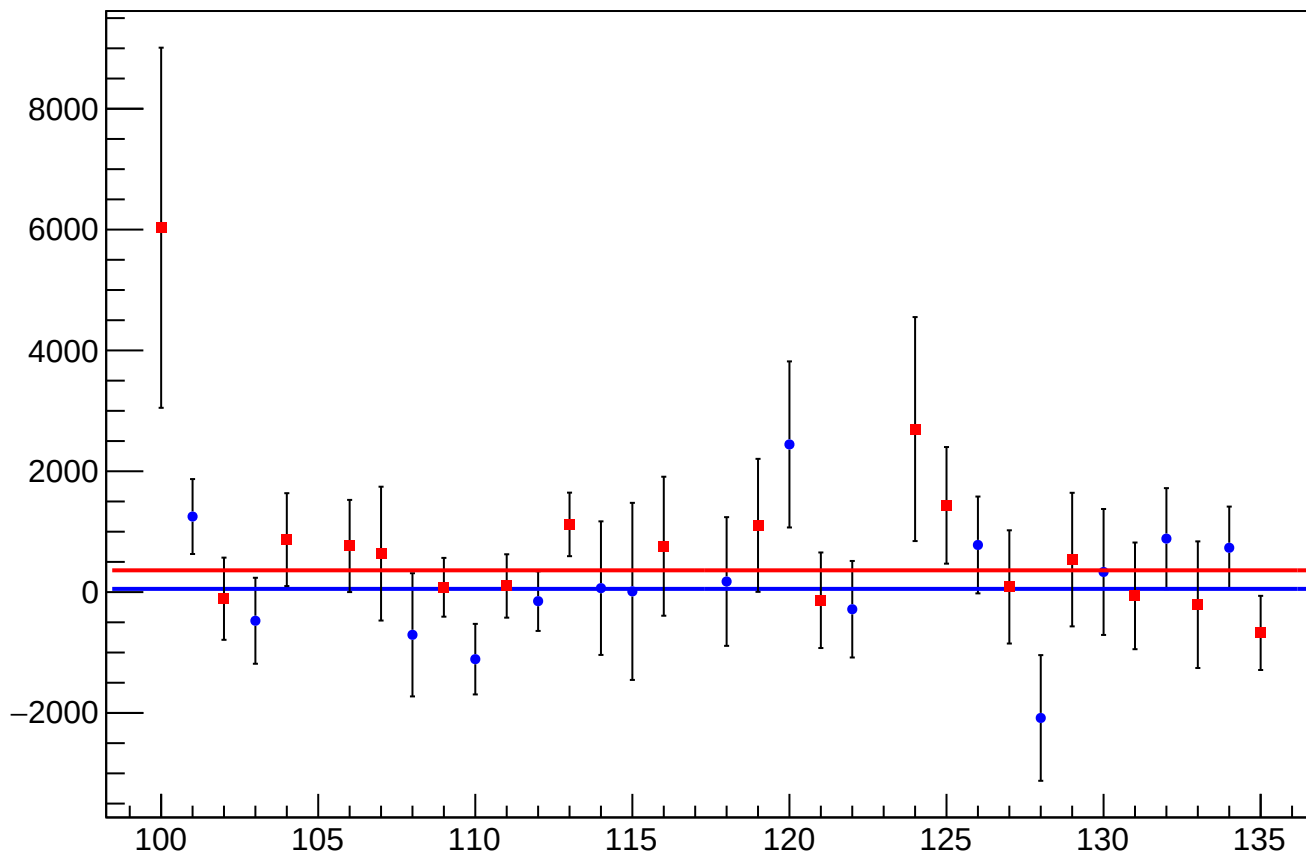
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.647 $\pm$ 0.009 χ^2 /NDF: 960947.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_reg_correction_mean vs Slug



Right In: 53.381+/-204.846 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 360.540+/-184.645 χ^2/NDF : 14.8/17

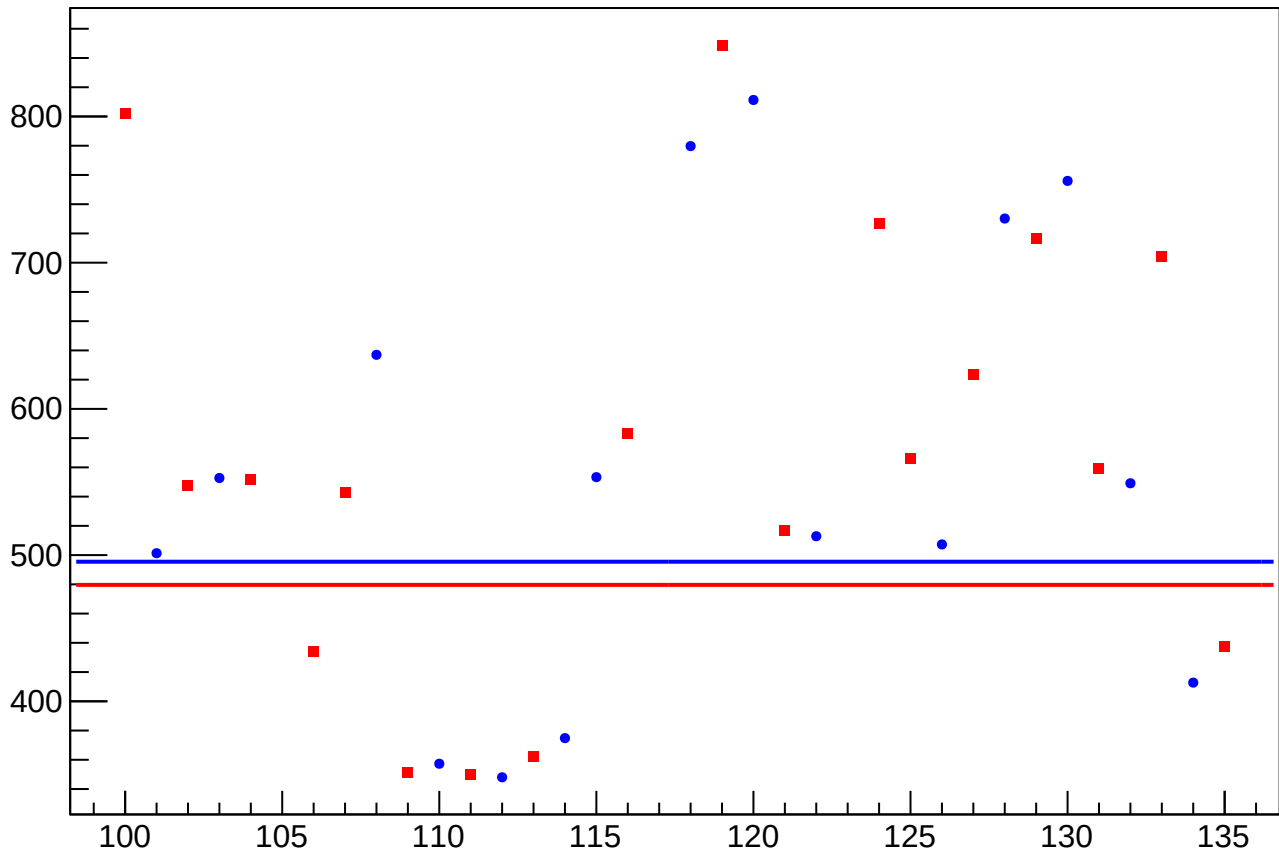
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 222.848+/-137.151 χ^2/NDF : 35.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_correction_rms vs Slug



Right In: 495.475+/-0.145 χ^2/NDF : 883331.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 479.625+/-0.131 χ^2/NDF : 988248.5/17

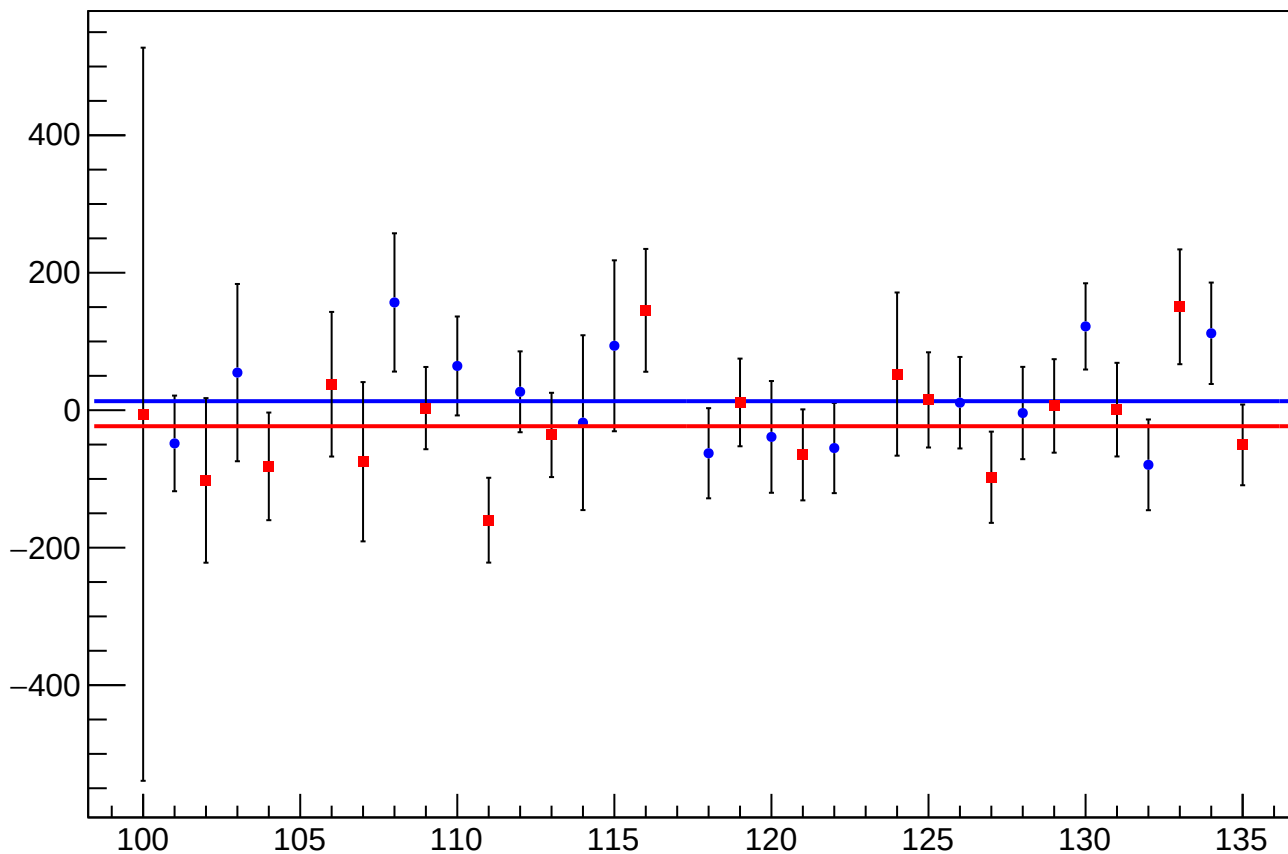
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 486.730+/-0.097 χ^2/NDF : 1878186.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_mean vs Slug



Right In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.292+/-17.733 χ^2/NDF : 17.7/17

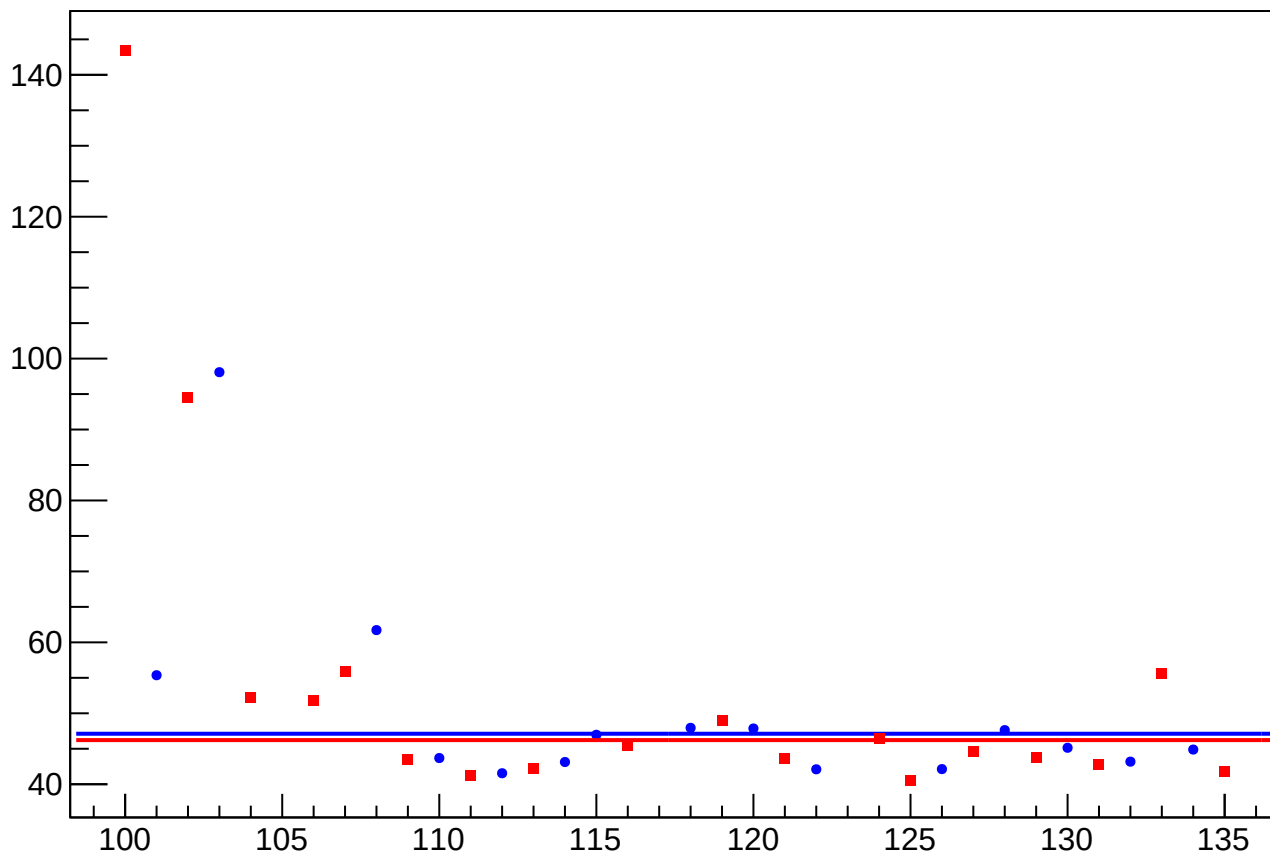
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.551+/-13.036 χ^2/NDF : 33.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_37_dd_rms vs Slug



Right In: 47.118 $\pm$ 0.014 χ^2 /NDF: 441452.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.222 $\pm$ 0.013 χ^2 /NDF: 515717.5/17

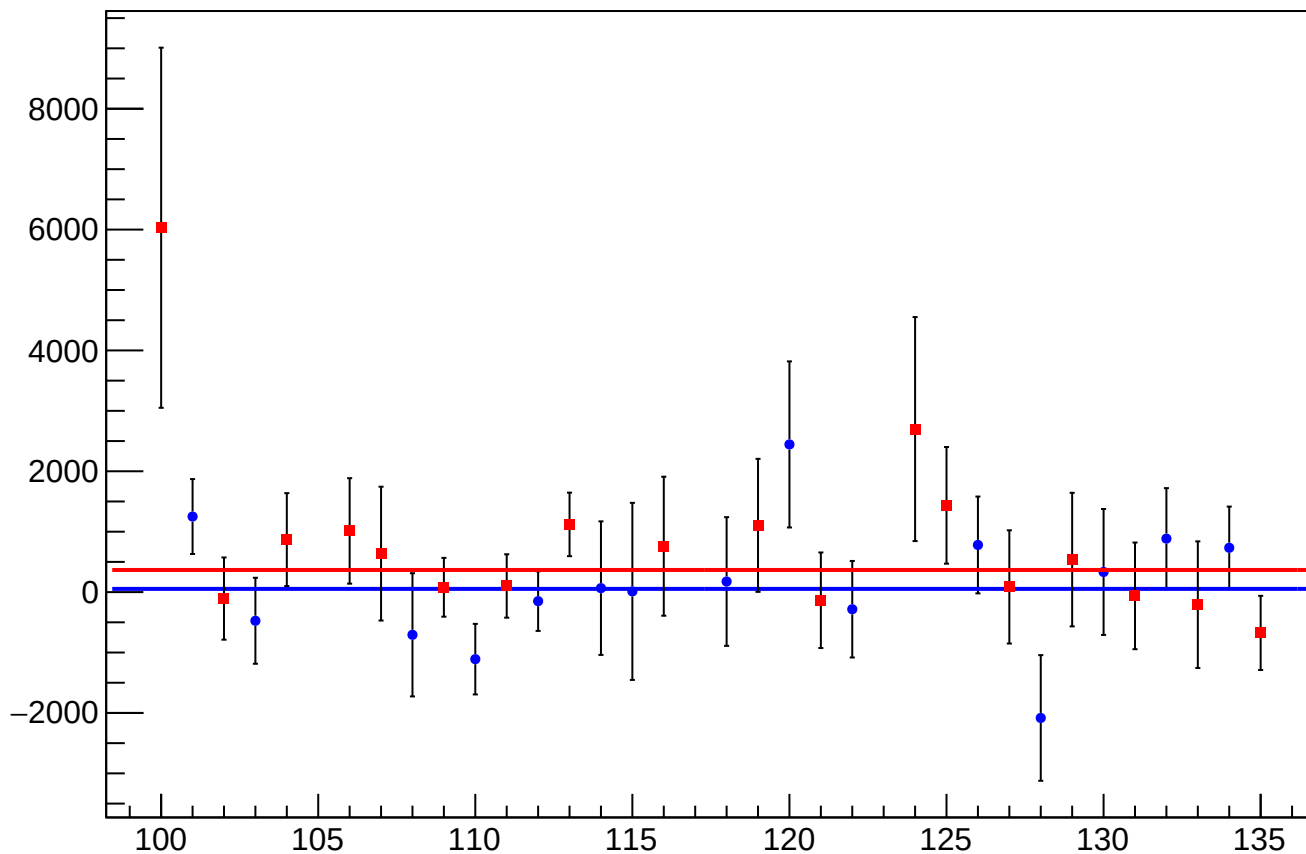
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.634 $\pm$ 0.009 χ^2 /NDF: 959518.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_cor_correction_mean vs Slug



Right In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.475+/-185.948 χ^2/NDF : 15.1/17

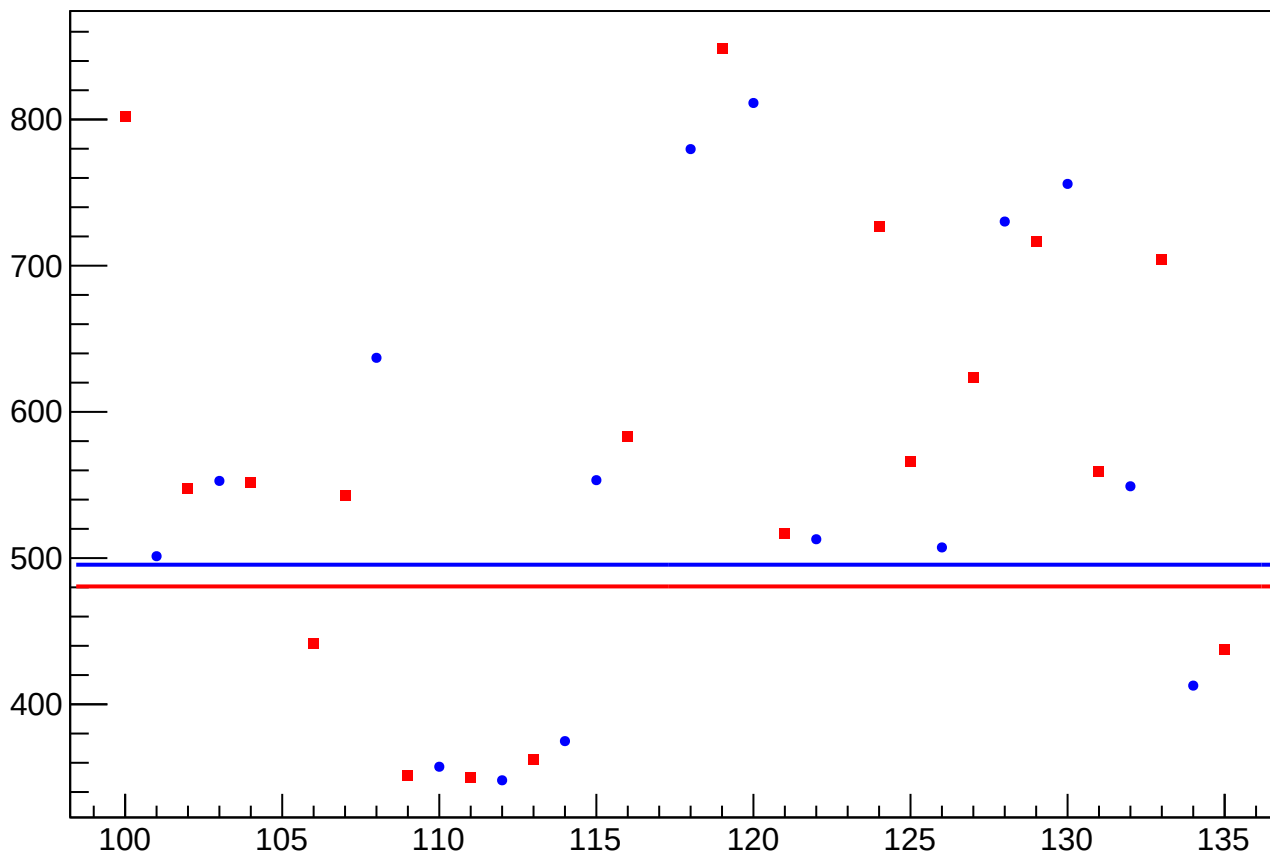
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.034+/-137.683 χ^2/NDF : 35.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_cor_correction_rms vs Slug



Right In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.618+/-0.131 χ^2/NDF : 985114.4/17

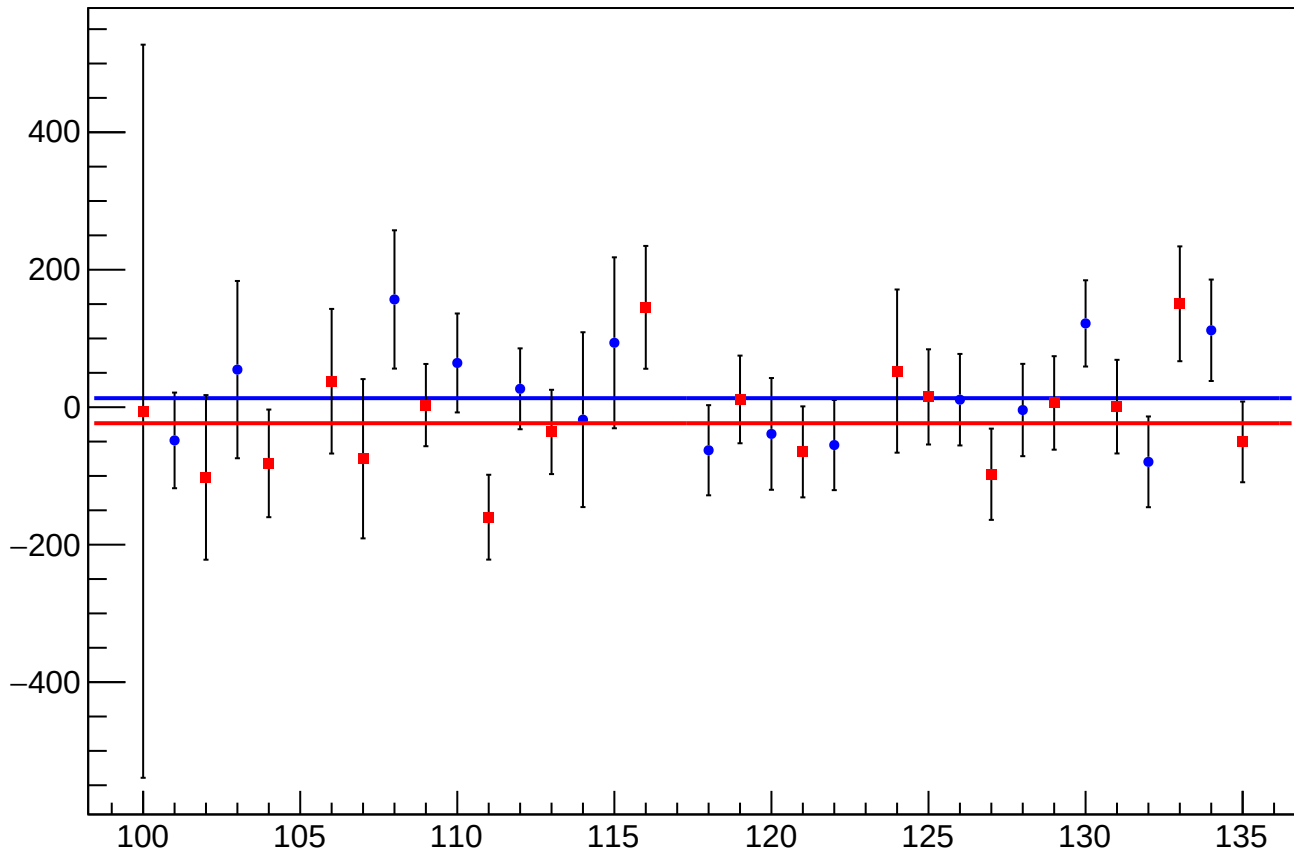
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.331+/-0.097 χ^2/NDF : 1874240.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_mean vs Slug



Right In: 13.133+/-19.229 χ^2/NDF : 13.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -23.292+/-17.733 χ^2/NDF : 17.7/17

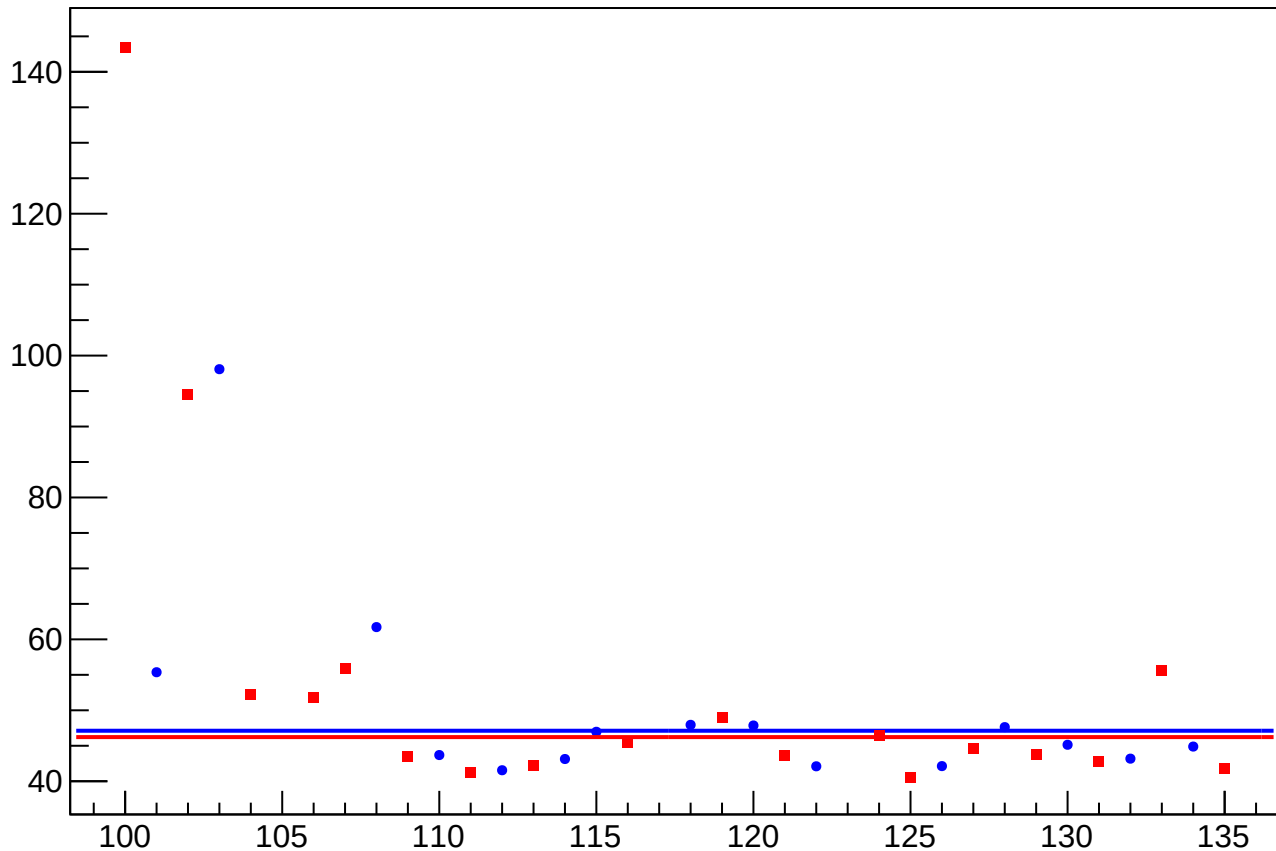
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.551+/-13.036 χ^2/NDF : 33.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_37_dd_rms vs Slug



Right In: 47.118 $\pm$ 0.014 χ^2 /NDF: 441452.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 46.222 $\pm$ 0.013 χ^2 /NDF: 515717.5/17

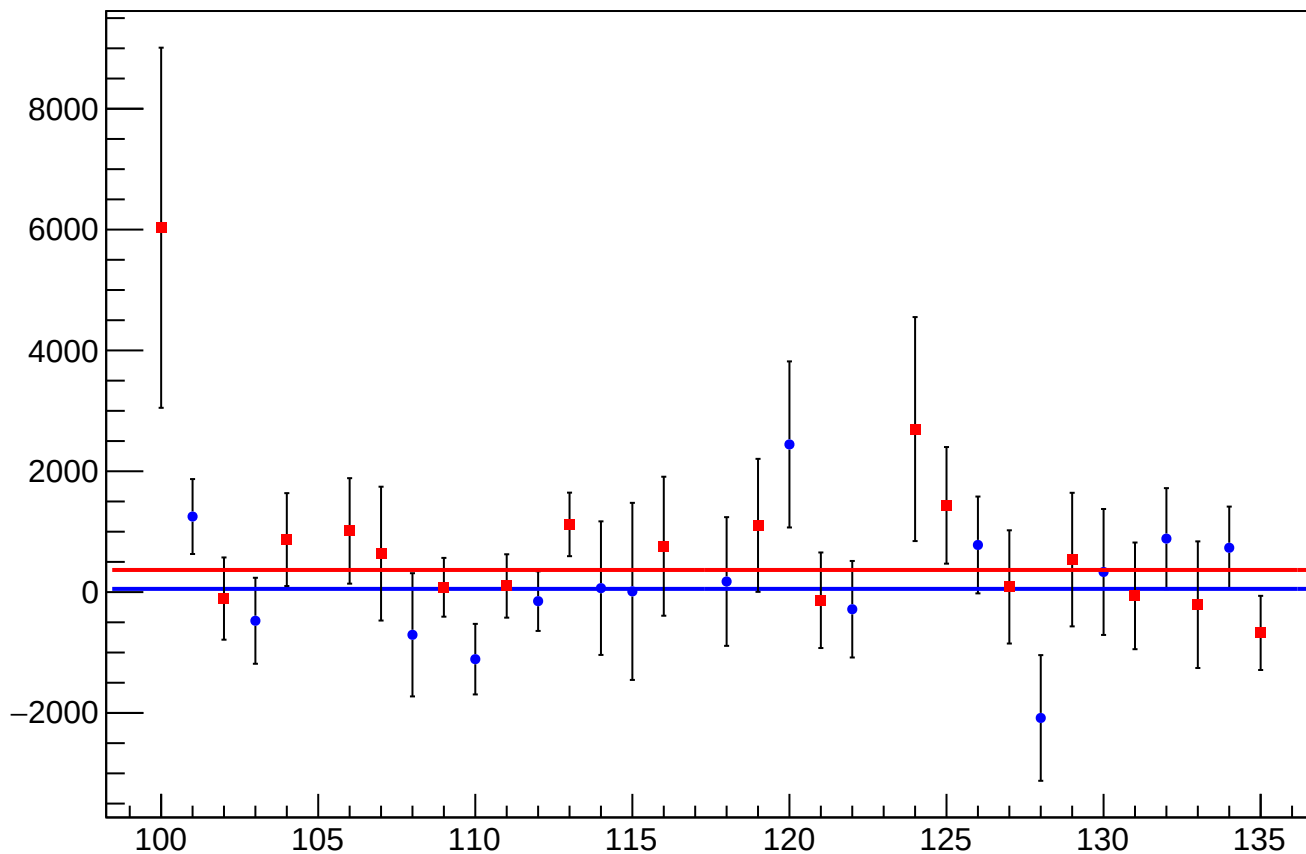
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 46.634 $\pm$ 0.009 χ^2 /NDF: 959518.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_mean vs Slug



Right In: 53.381+/-204.847 χ^2/NDF : 19.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 366.475+/-185.948 χ^2/NDF : 15.1/17

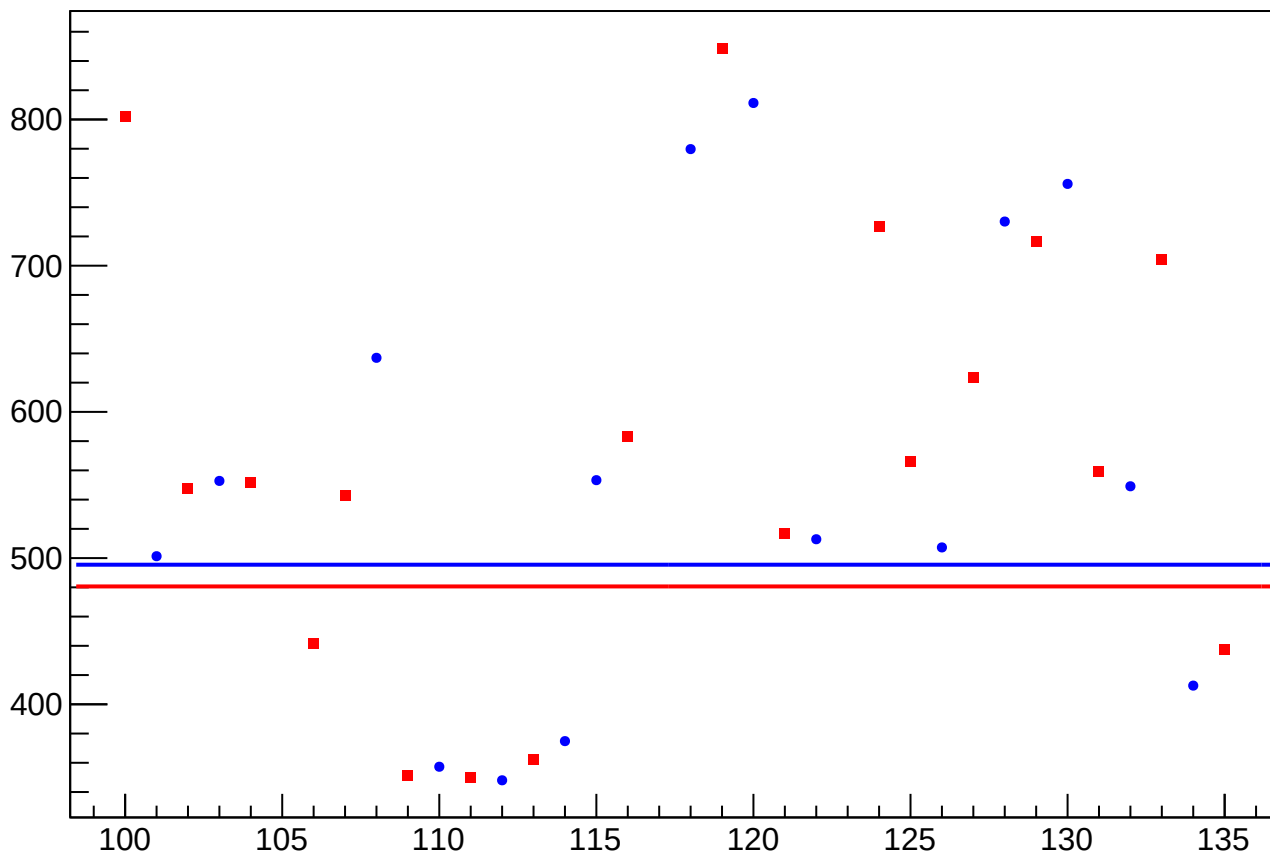
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 225.034+/-137.683 χ^2/NDF : 35.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_correction_rms vs Slug



Right In: 495.478+/-0.145 χ^2/NDF : 883356.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 480.618+/-0.131 χ^2/NDF : 985114.4/17

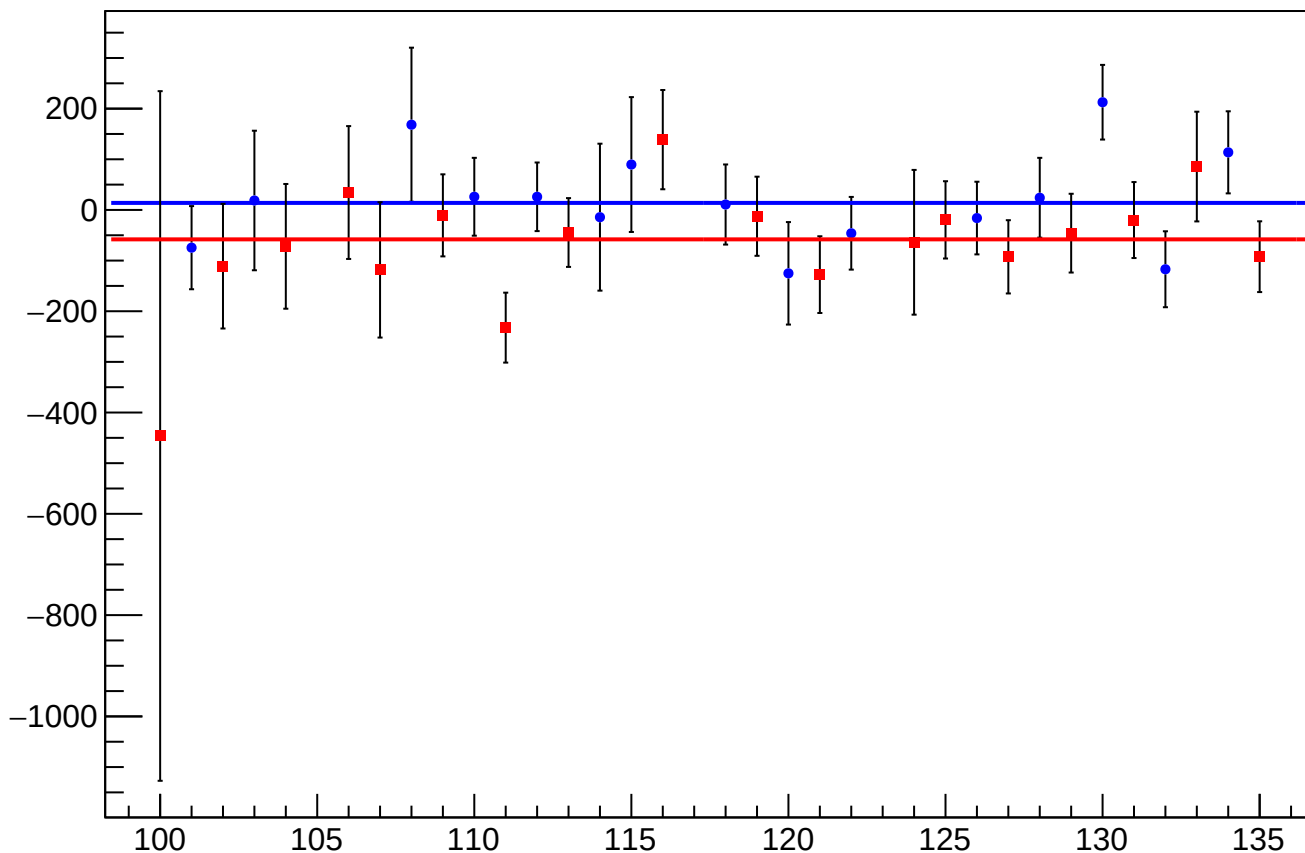
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 487.331+/-0.097 χ^2/NDF : 1874240.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_37_dd_mean vs Slug



Right In: 13.886 $\pm$ 22.049 χ^2 /NDF: 17.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -58.095 $\pm$ 20.785 χ^2 /NDF: 16.0/17

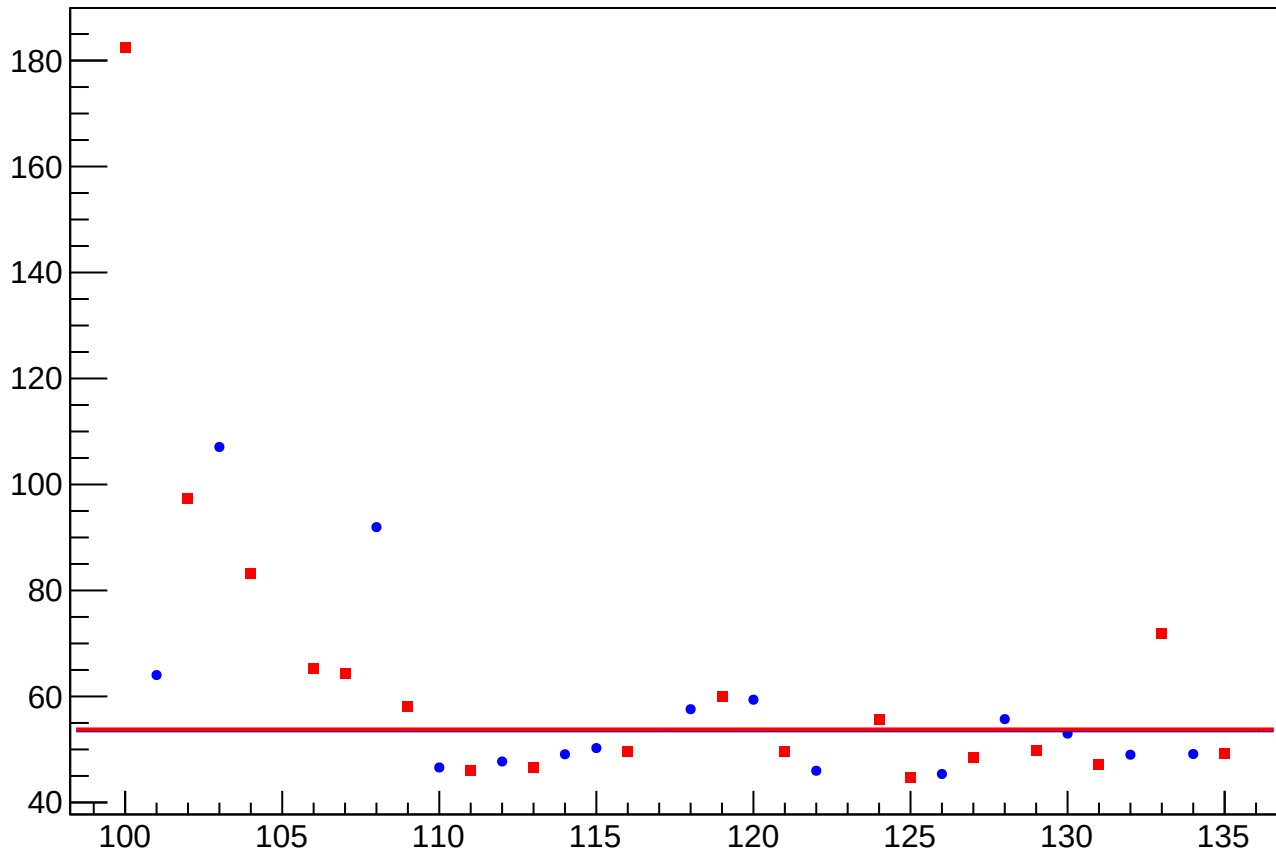
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.226 $\pm$ 15.125 χ^2 /NDF: 38.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_37_dd_rms vs Slug



Right In: 53.607 $\pm$ 0.016 χ^2 /NDF: 571228.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.772 $\pm$ 0.015 χ^2 /NDF: 665161.9/17

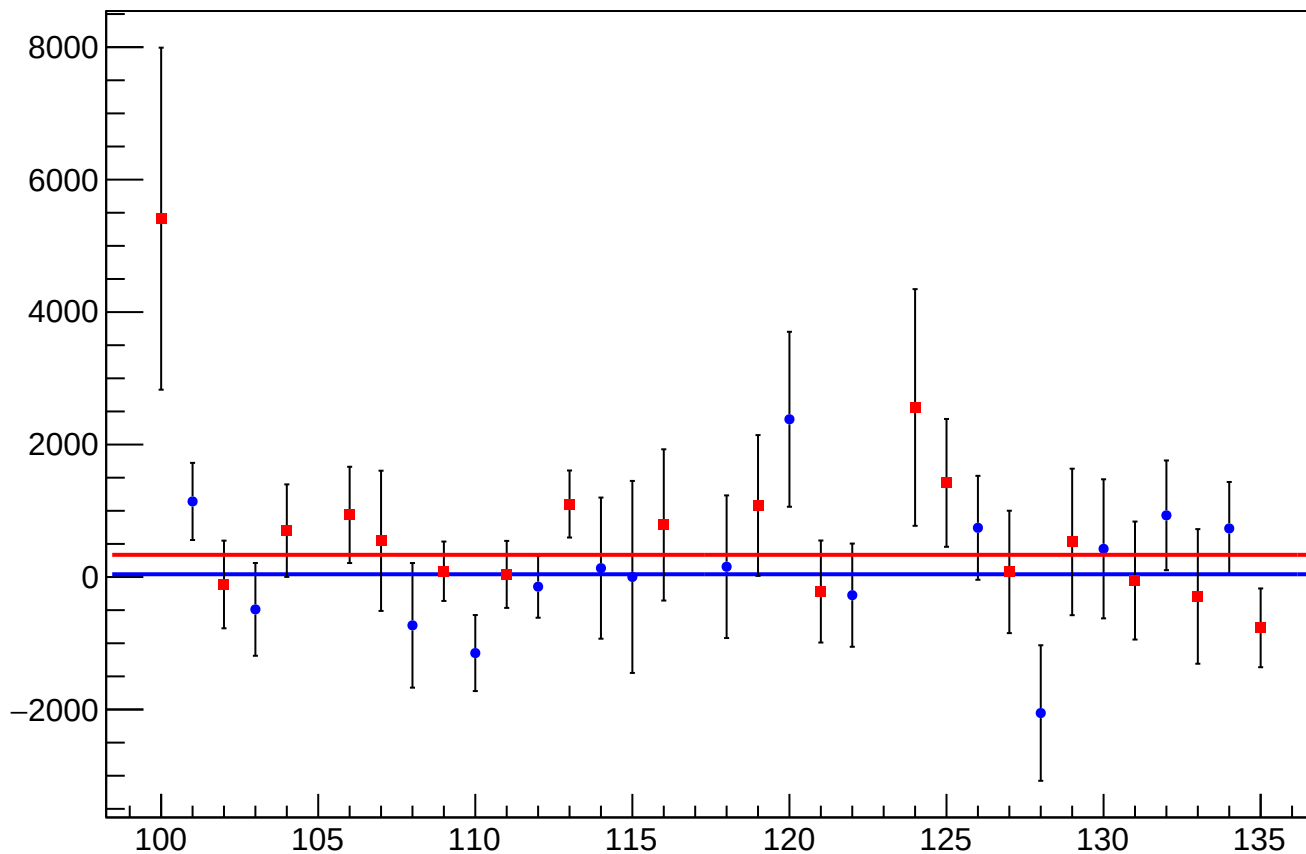
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.695 $\pm$ 0.011 χ^2 /NDF: 1236450.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_mean vs Slug



Right In: 41.868 $\pm$ 199.550 χ^2 /NDF: 19.8/14

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

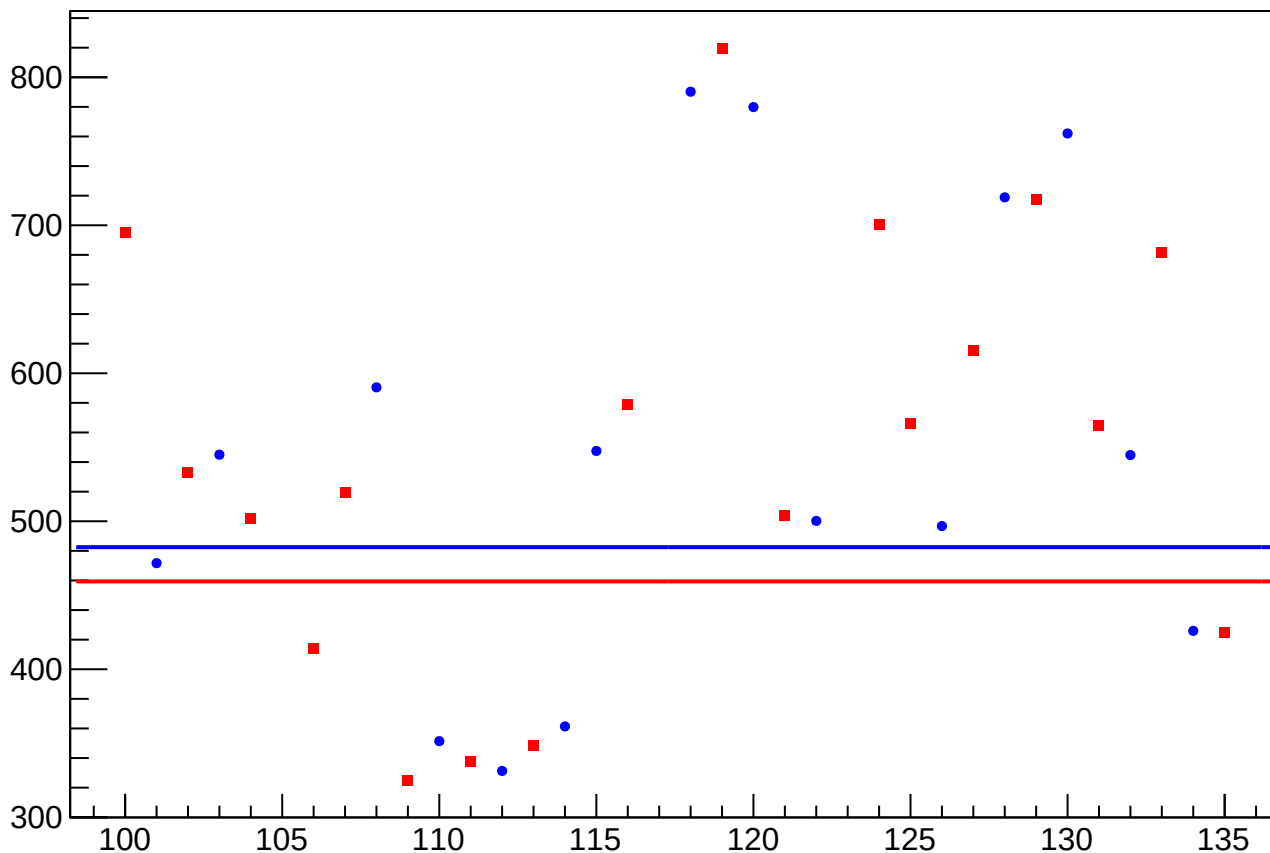
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 205.890 $\pm$ 132.521 χ^2 /NDF: 37.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_correction_rms vs Slug



Right In: 482.499+/-0.141 χ^2/NDF : 924278.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

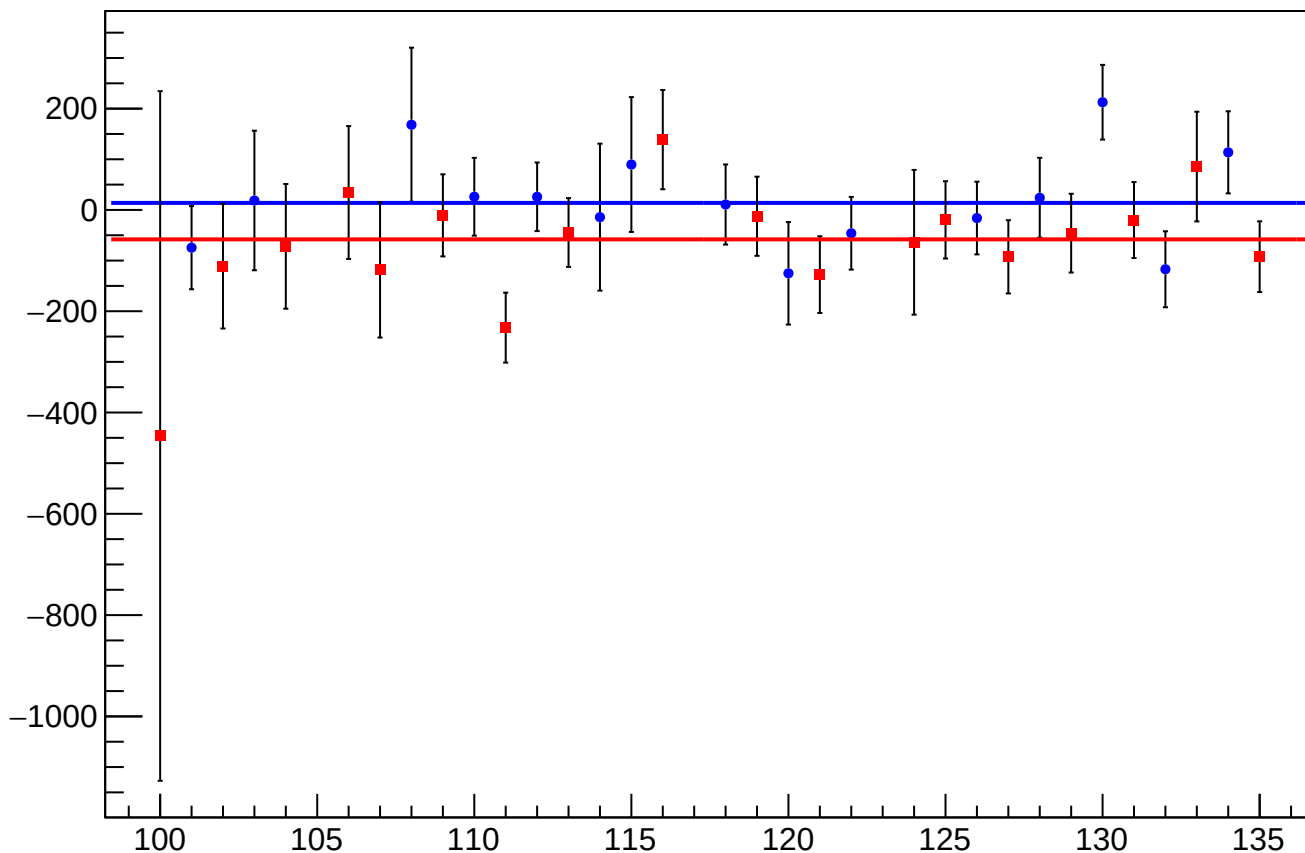
Right Out: 459.343+/-0.125 χ^2/NDF : 1069556.7/17

All: 469.555+/-0.094 χ^2/NDF : 2008888.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_37_dd_mean vs Slug



Right In: 13.886 $\pm$ 22.049 χ^2 /NDF: 17.2/14

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

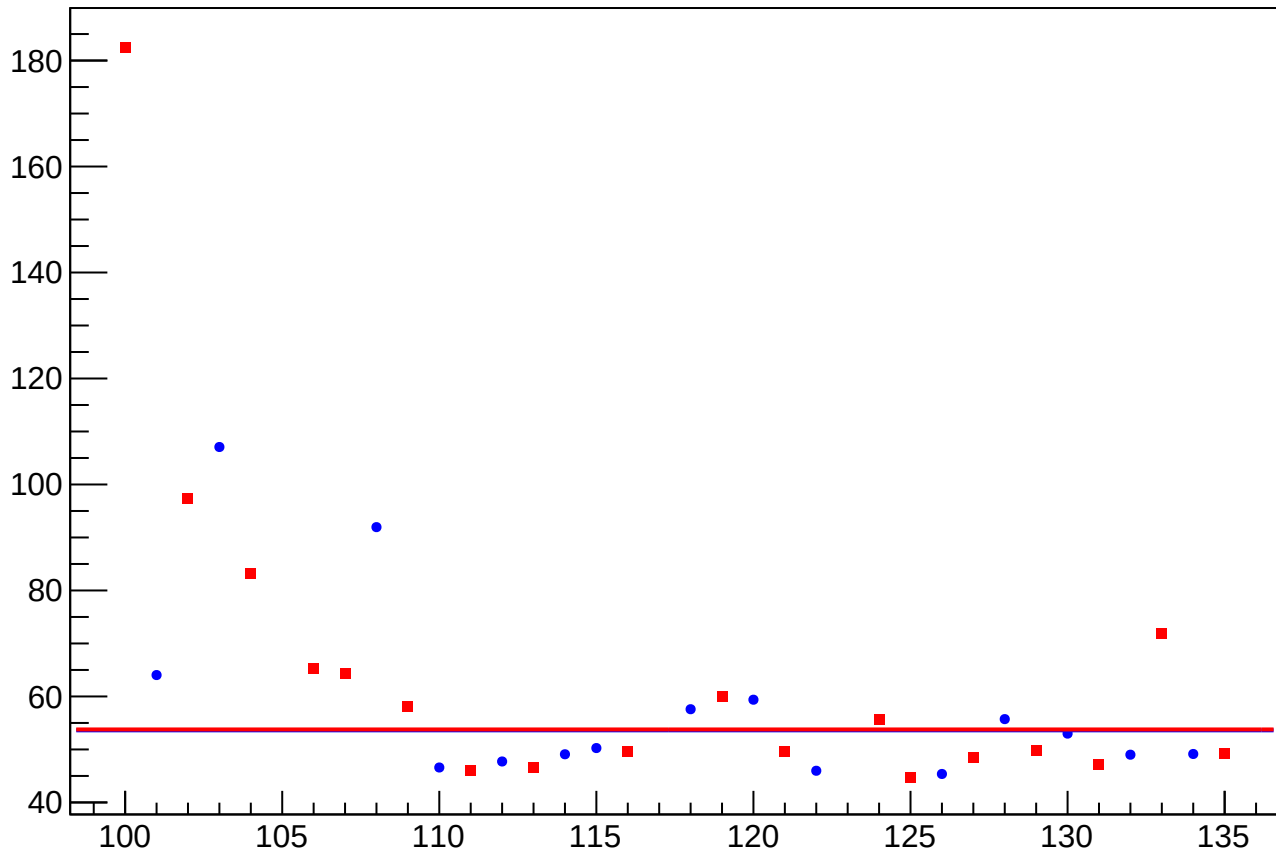
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -24.227 $\pm$ 15.125 χ^2 /NDF: 38.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_37_dd_rms vs Slug



Right In: 53.607 $\pm$ 0.016 χ^2 /NDF: 571221.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 53.772 $\pm$ 0.015 χ^2 /NDF: 665166.9/17

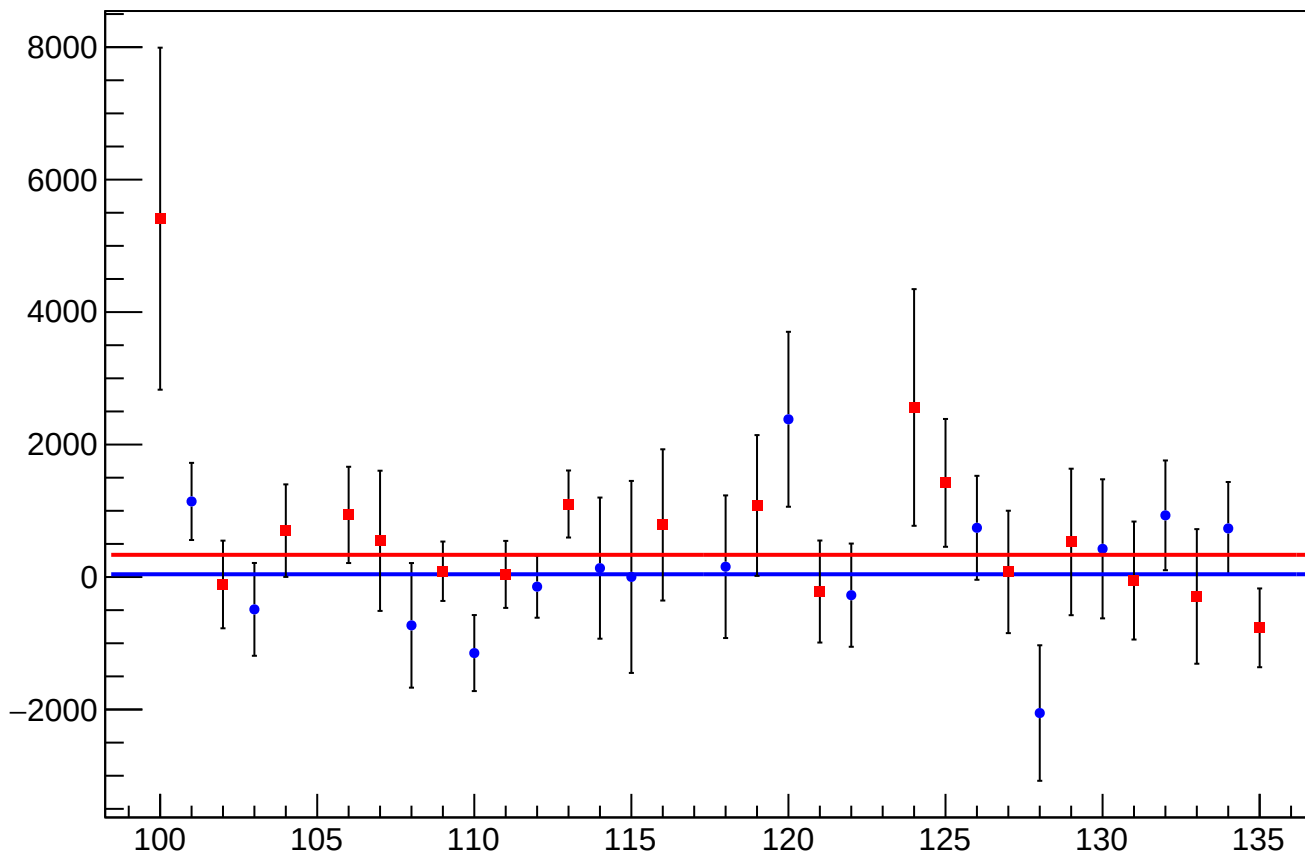
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 53.695 $\pm$ 0.011 χ^2 /NDF: 1236447.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_mean vs Slug



Right In: 41.867+/-199.549 χ^2/NDF : 19.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.305+/-177.252 χ^2/NDF : 16.4/17

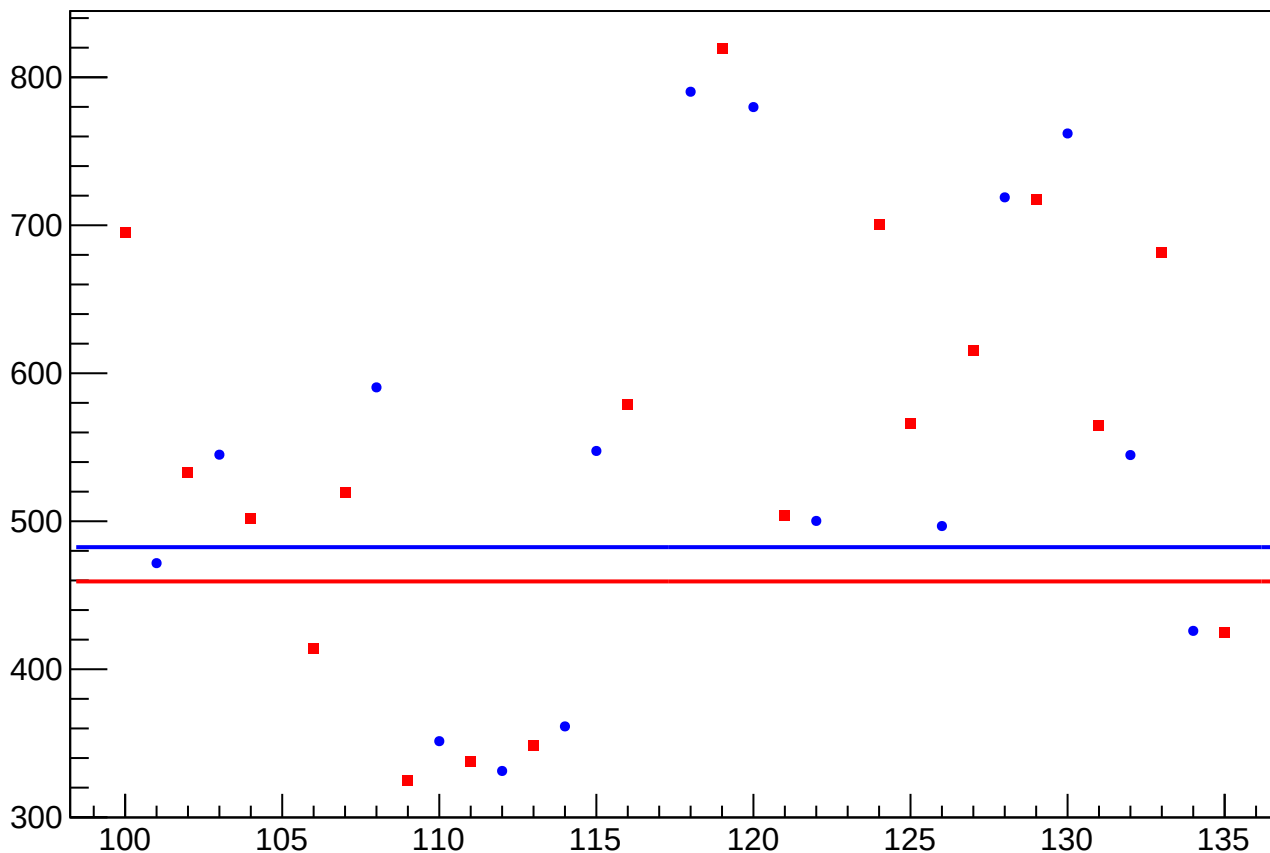
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 205.890+/-132.521 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_correction_rms vs Slug



Right In: 482.498+/-0.141 χ^2/NDF : 924280.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

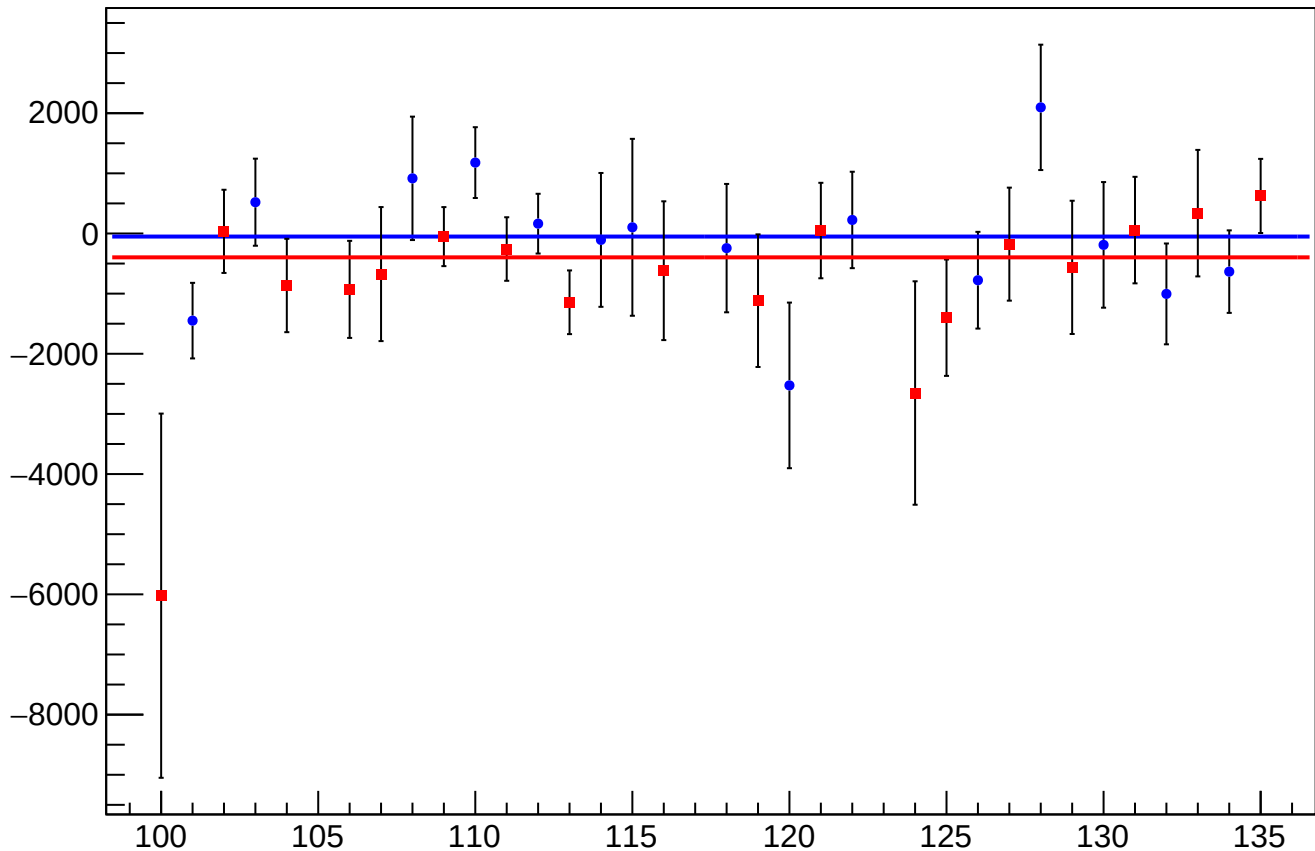
Right Out: 459.342+/-0.125 χ^2/NDF : 1069554.0/17

All: 469.554+/-0.094 χ^2/NDF : 2008888.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_mean vs Slug



Right In: -51.104 ± 206.311 χ^2/NDF : 21.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -396.850 ± 186.403 χ^2/NDF : 14.2/17

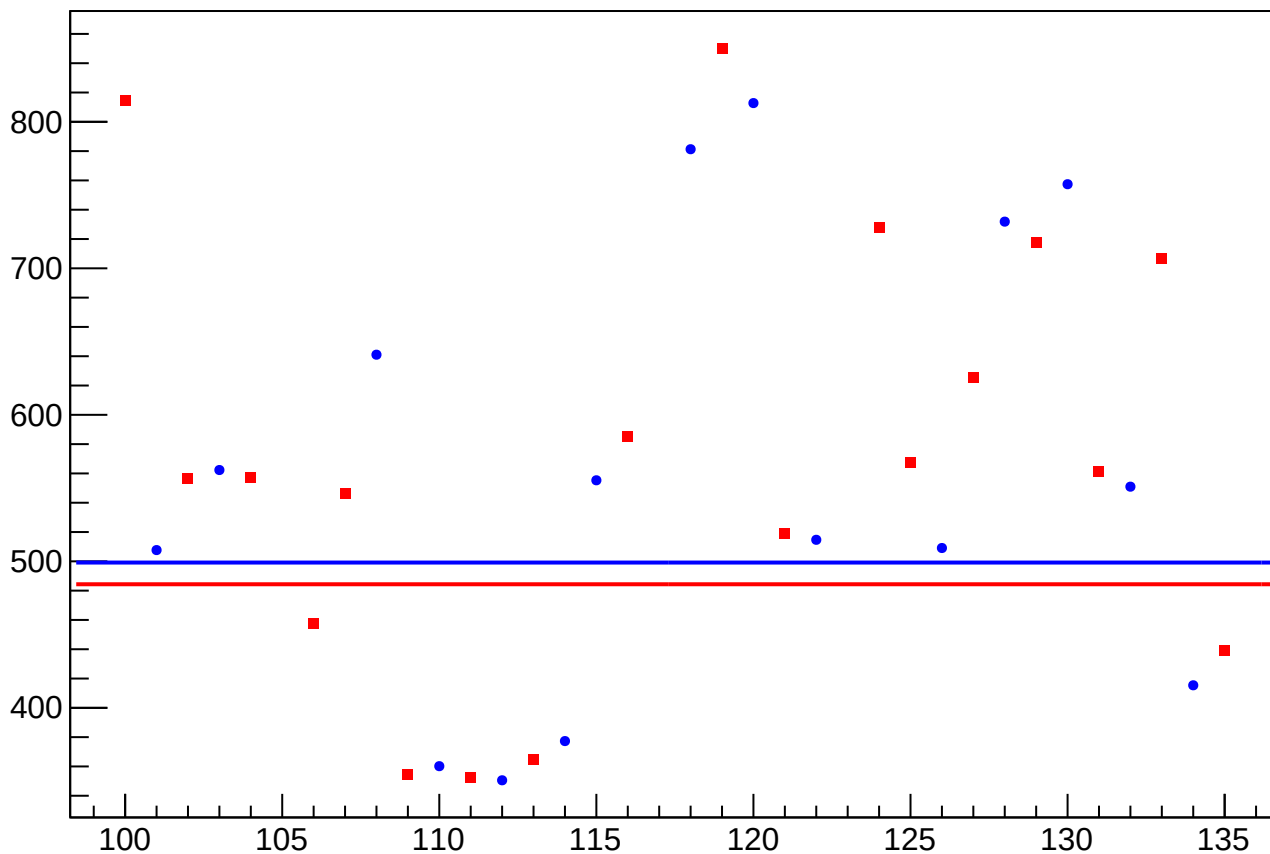
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -241.459 ± 138.311 χ^2/NDF : 37.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_rms vs Slug



Right In: 499.173+/-0.146 χ^2/NDF : 875318.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 484.355+/-0.132 χ^2/NDF : 974457.2/17

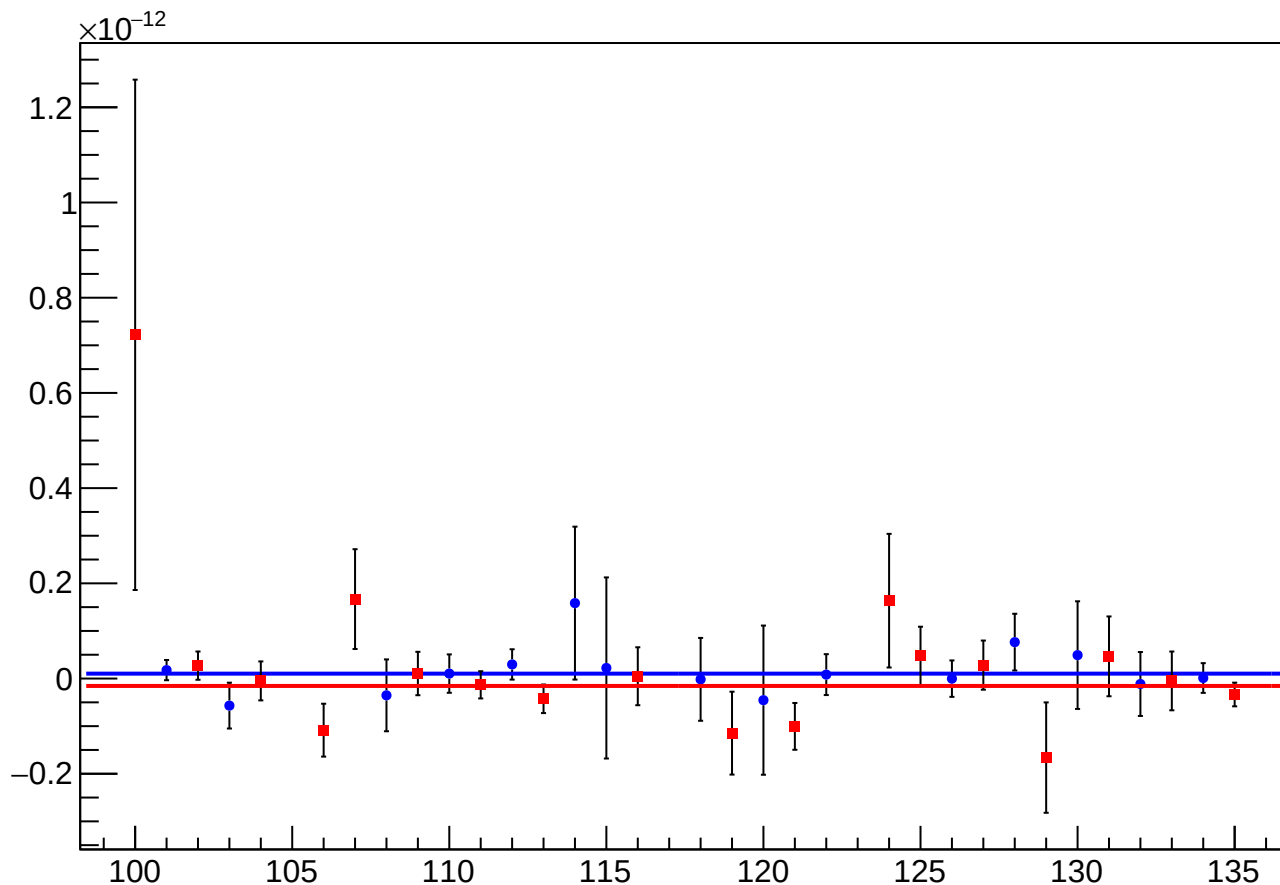
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

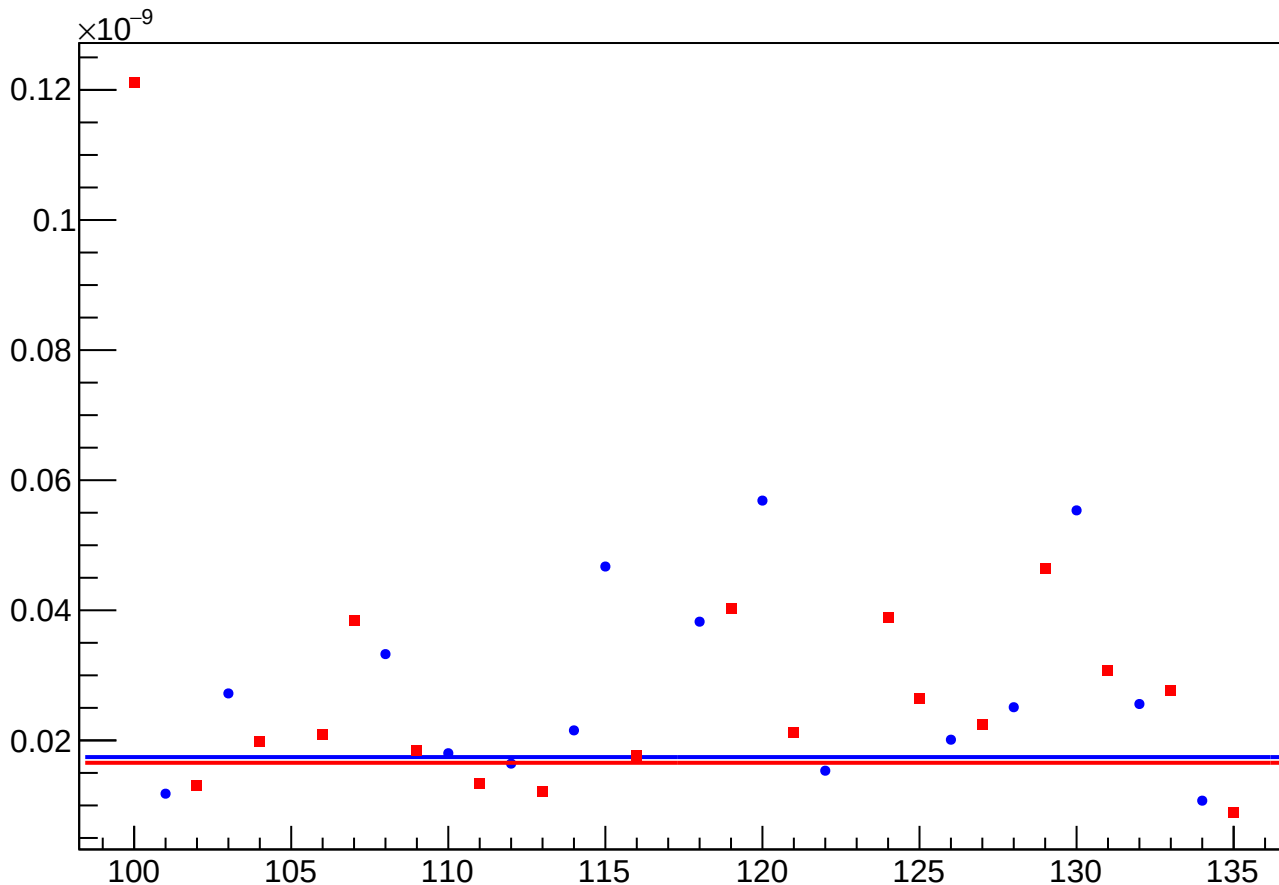
All: 491.014+/-0.098 χ^2/NDF : 1855456.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_reg_vs_cor_diff_mean vs Slug



asym_sam_15_37_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 997352.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1028838.0/17

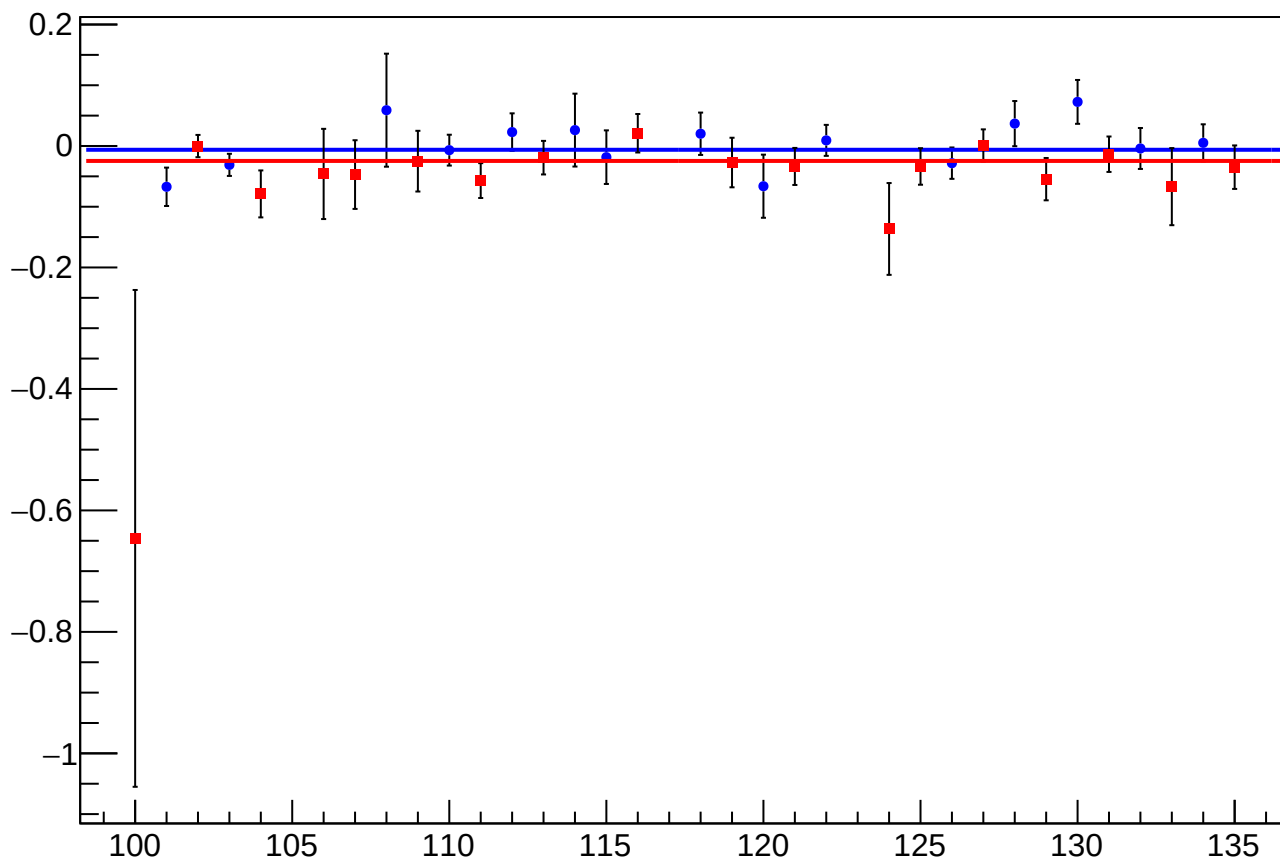
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2032347.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.008 χ^2 /NDF: 14.4/17

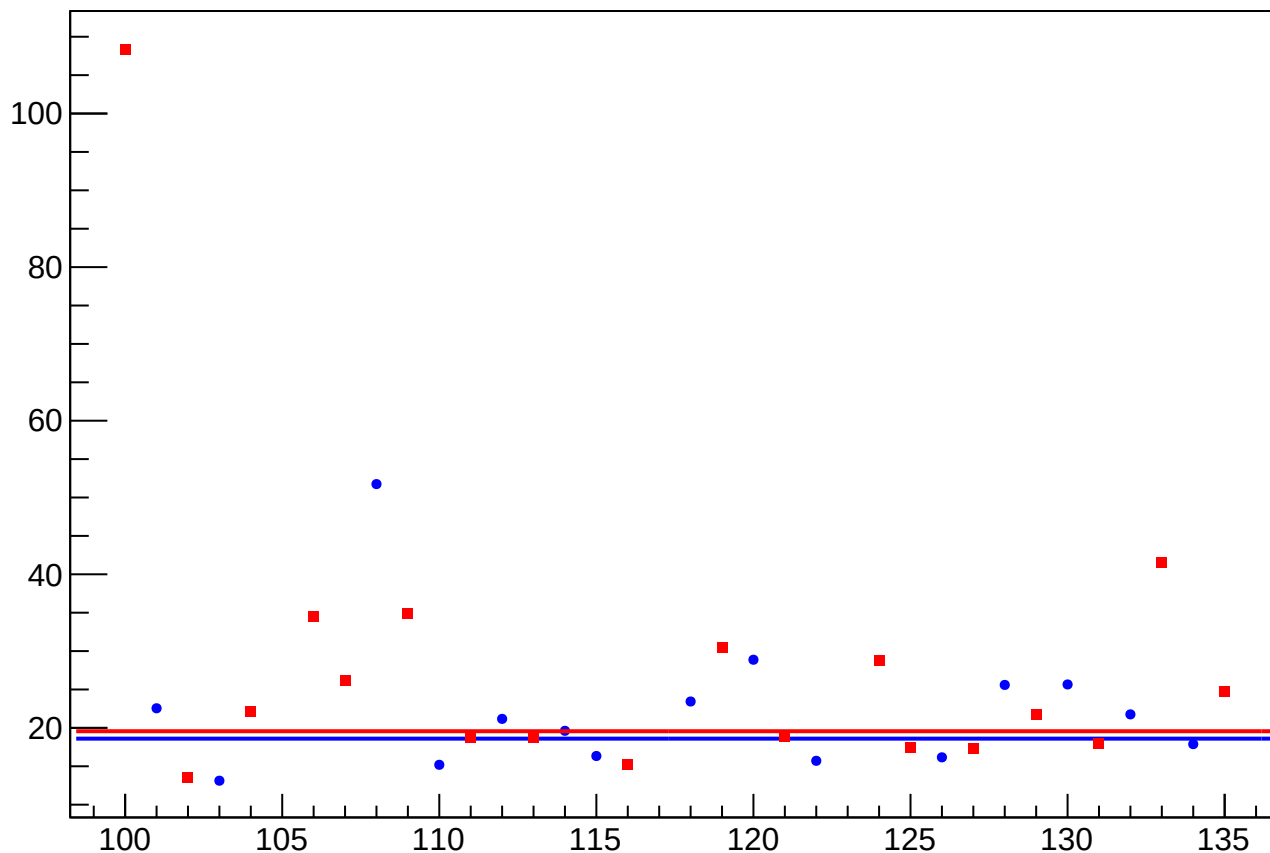
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_cor_diff_rms vs Slug



Right In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.565+/-0.006 χ^2/NDF : 1143544.8/17

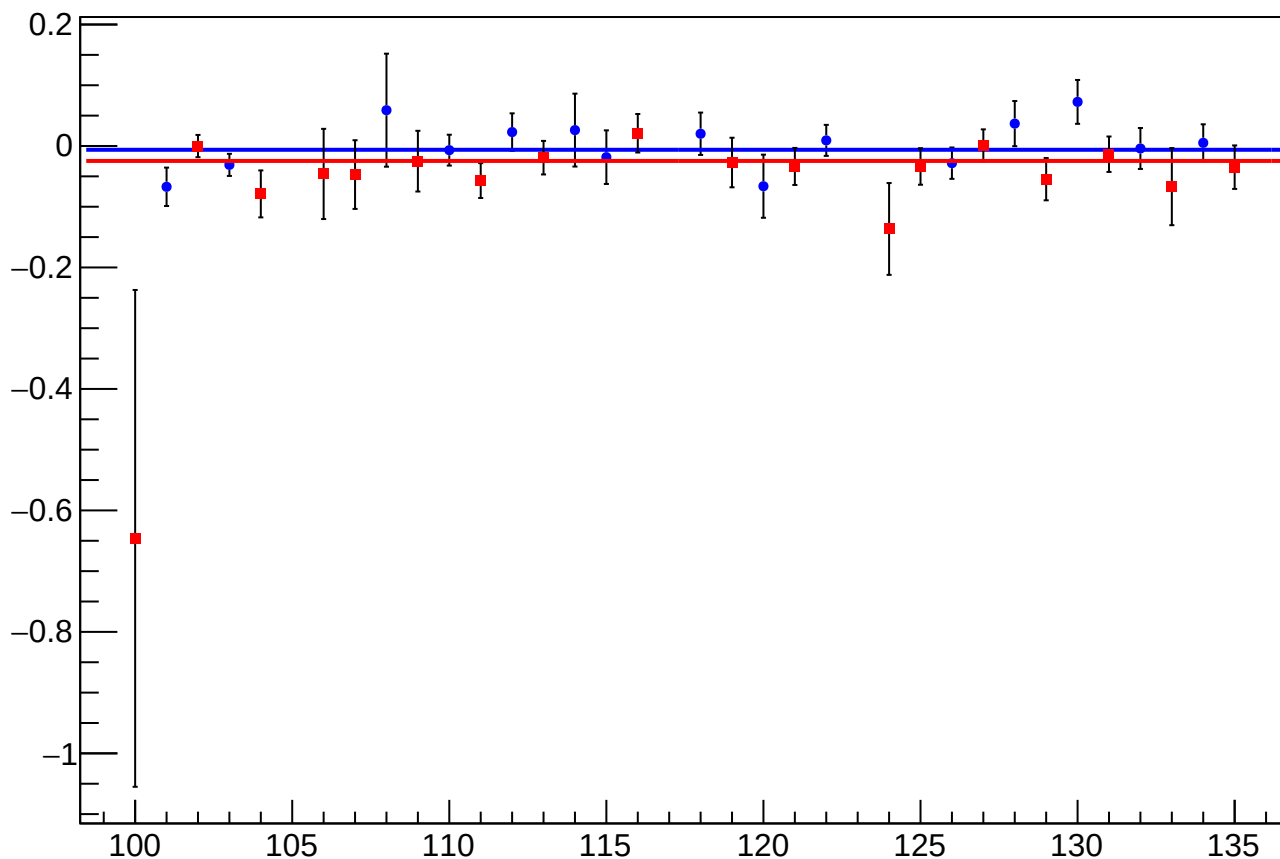
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.087+/-0.004 χ^2/NDF : 2005289.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.008 χ^2 /NDF: 14.4/17

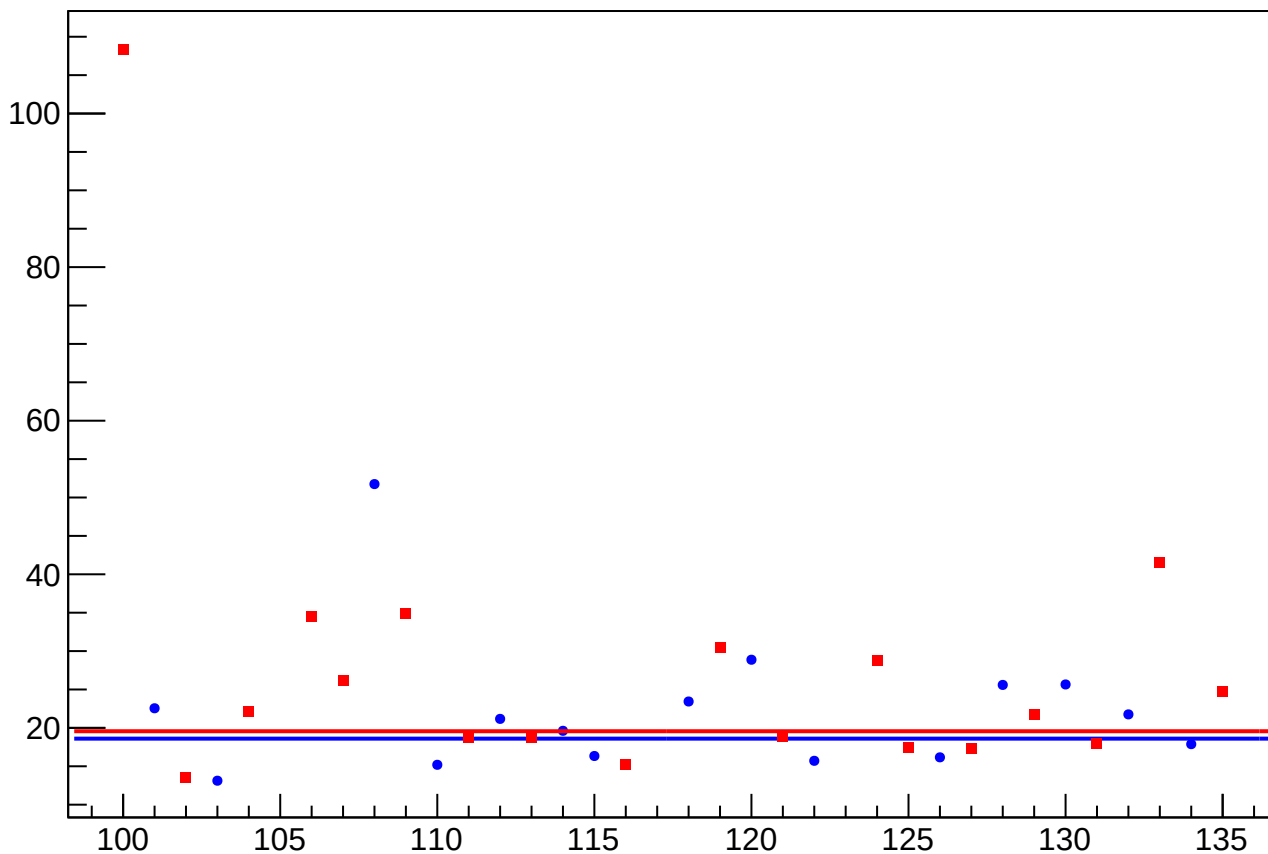
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.600+/-0.006 χ^2/NDF : 847477.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.565+/-0.006 χ^2/NDF : 1143544.8/17

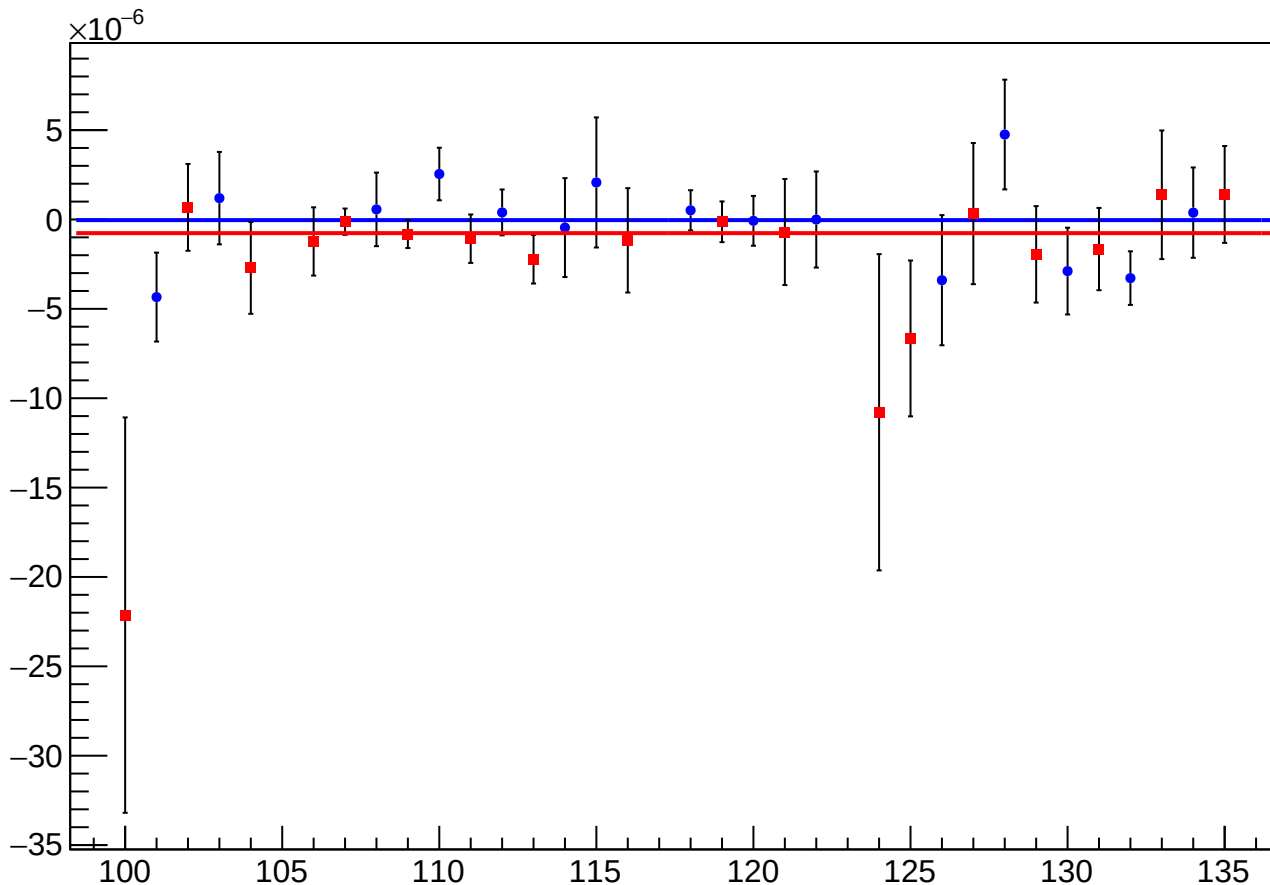
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.087+/-0.004 χ^2/NDF : 2005289.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 16.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 11.5/17

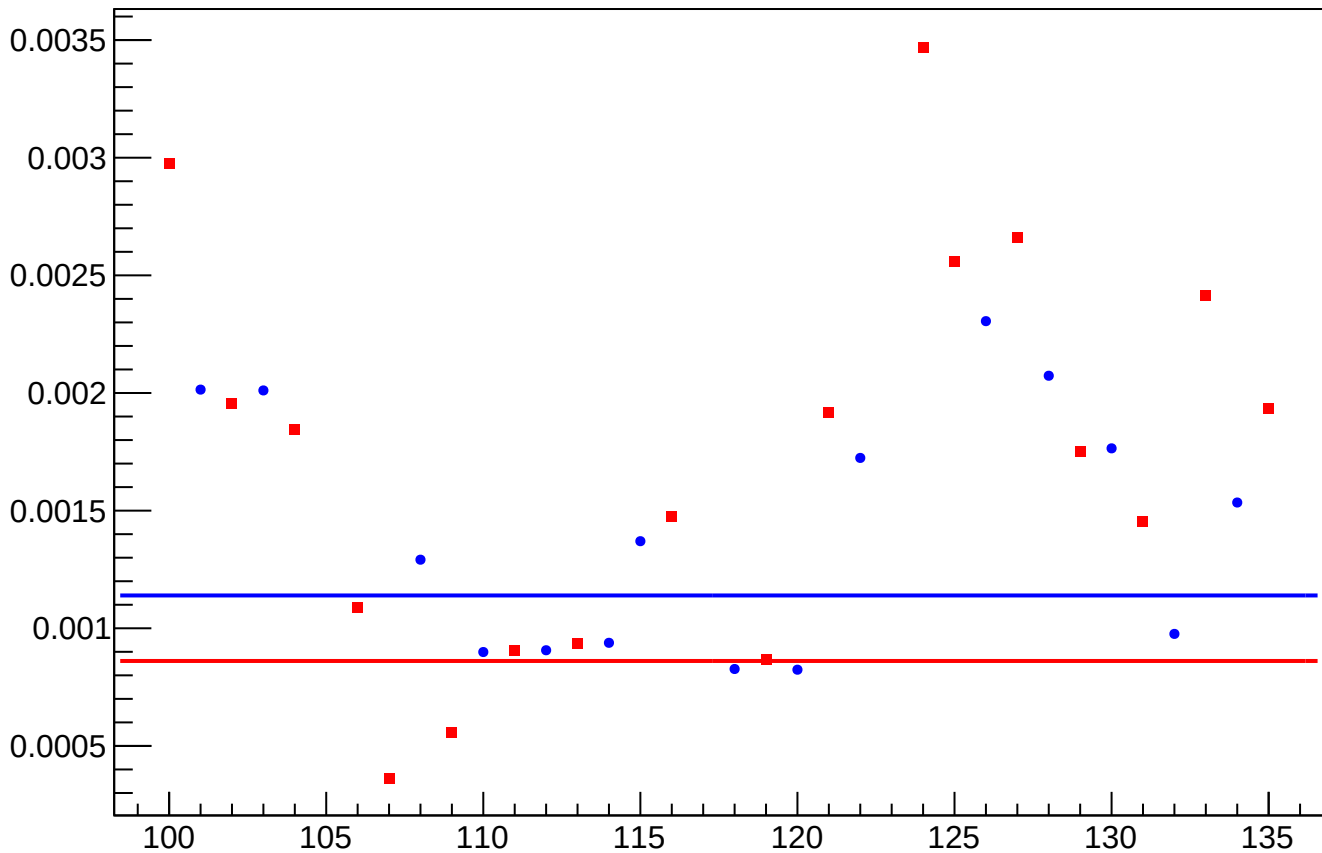
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 29.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1570320.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4303755.5/17

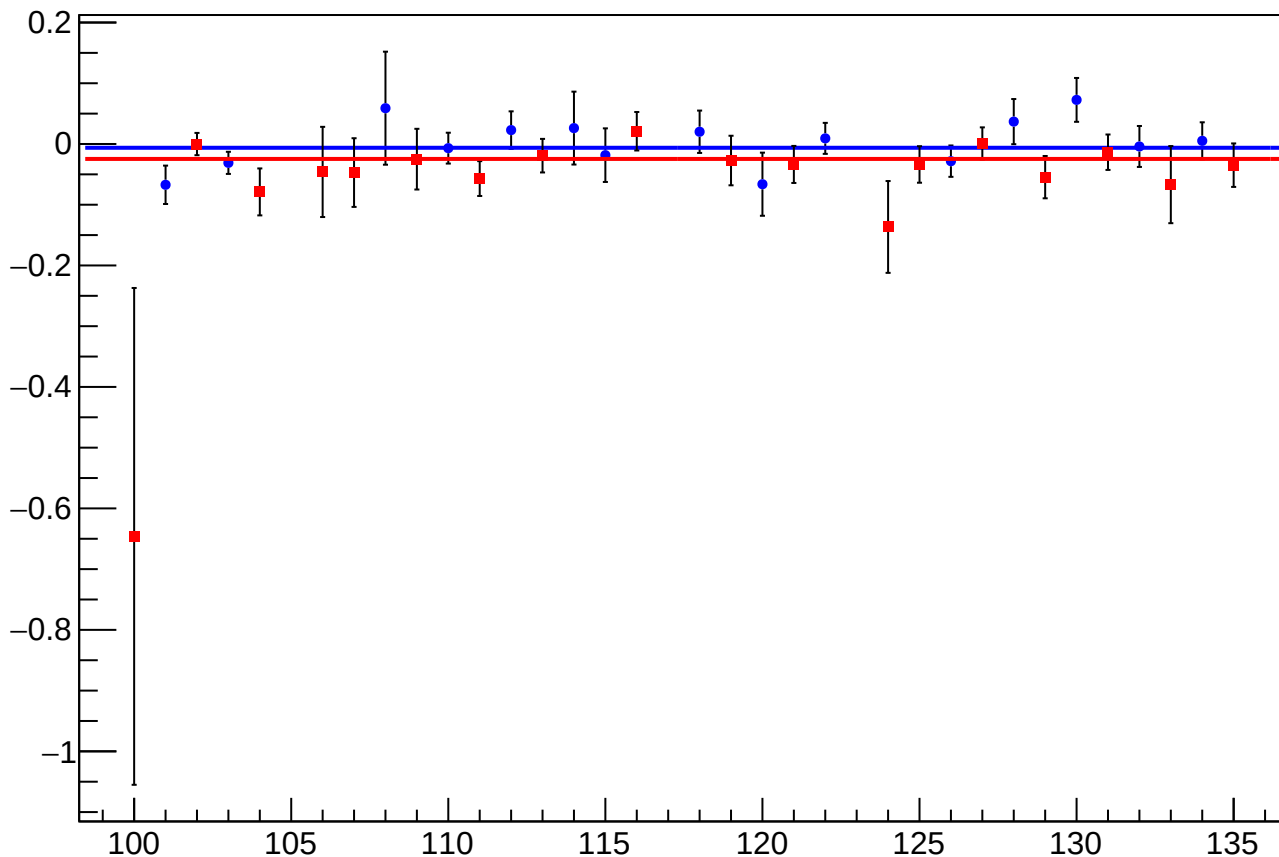
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6278577.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.025 $\pm$ 0.008 χ^2 /NDF: 14.4/17

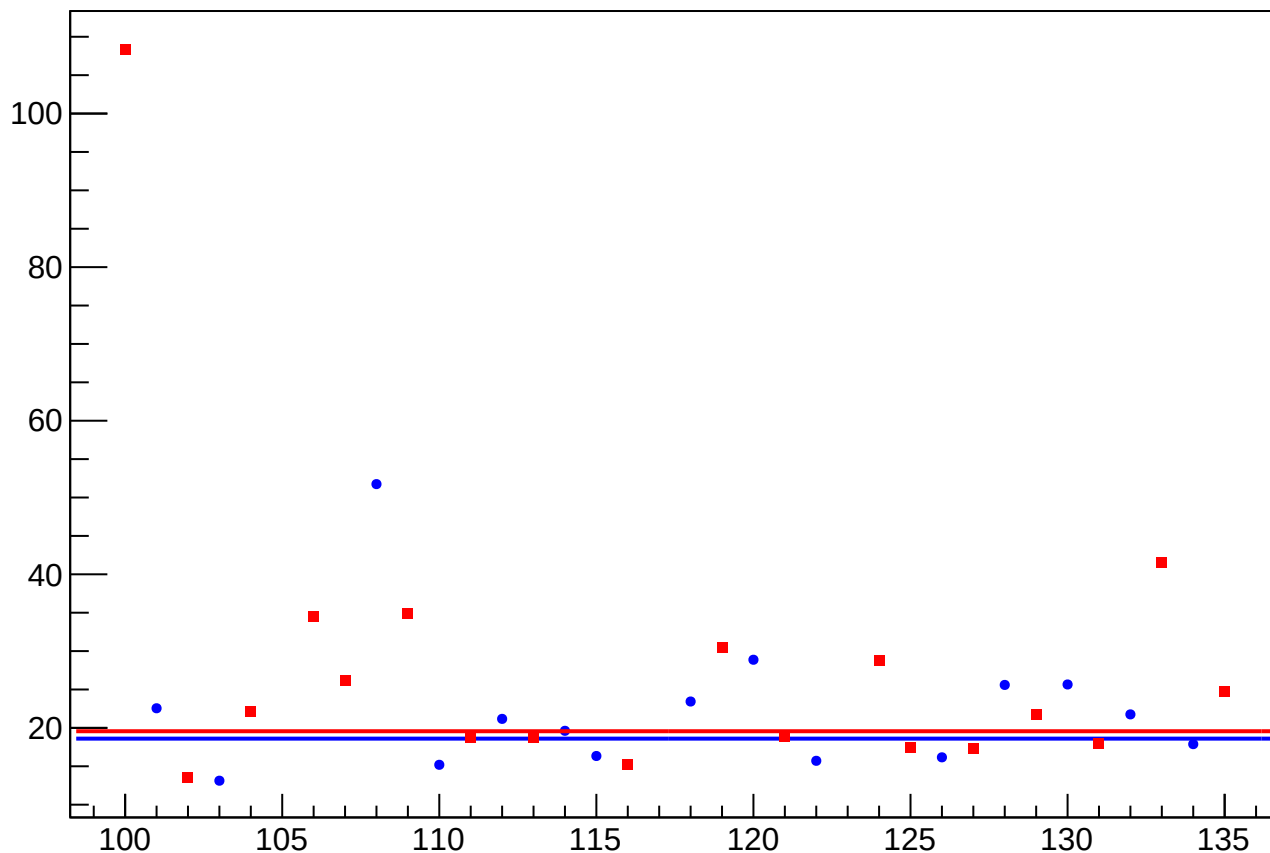
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.565+/-0.006 χ^2/NDF : 1143375.6/17

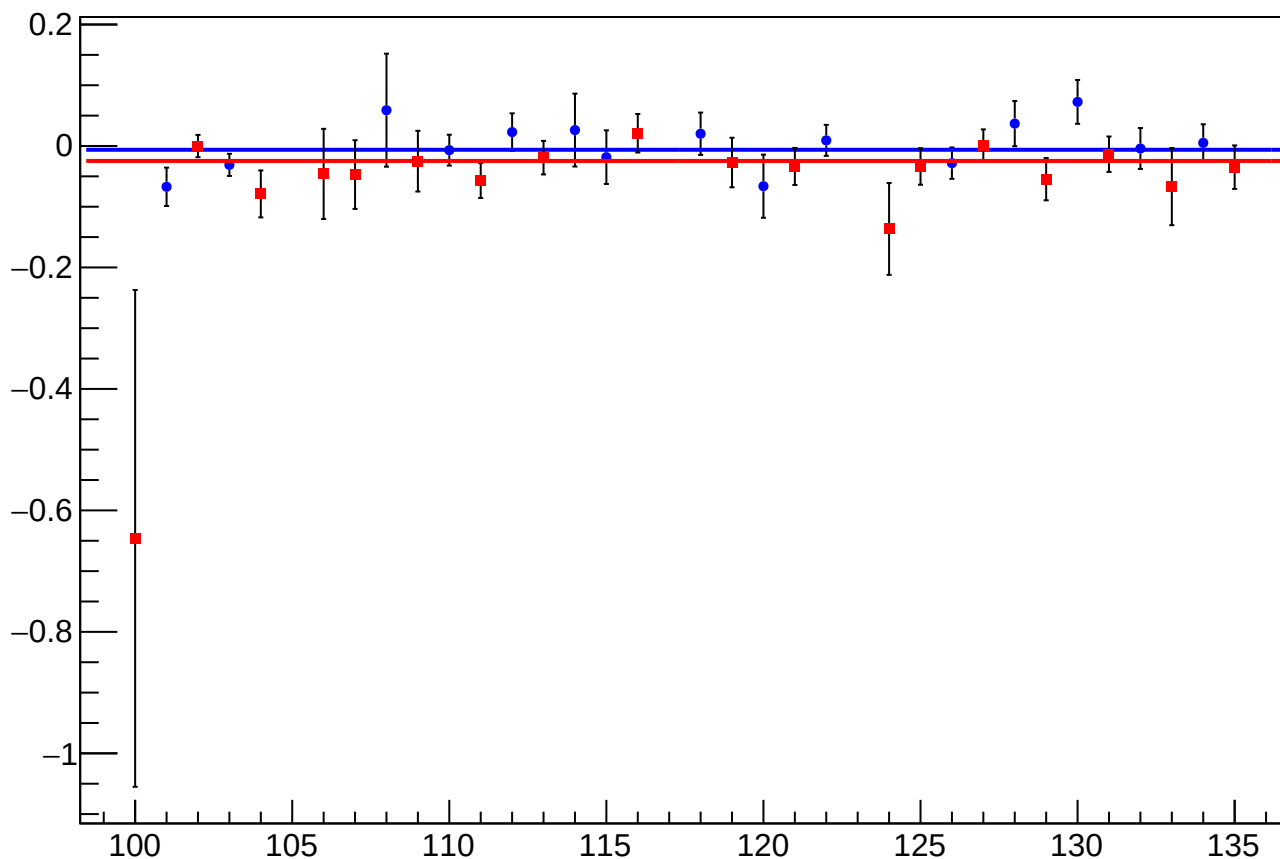
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.087+/-0.004 χ^2/NDF : 2004983.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.006 $\pm$ 0.008 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.025 $\pm$ 0.008 χ^2 /NDF: 14.4/17

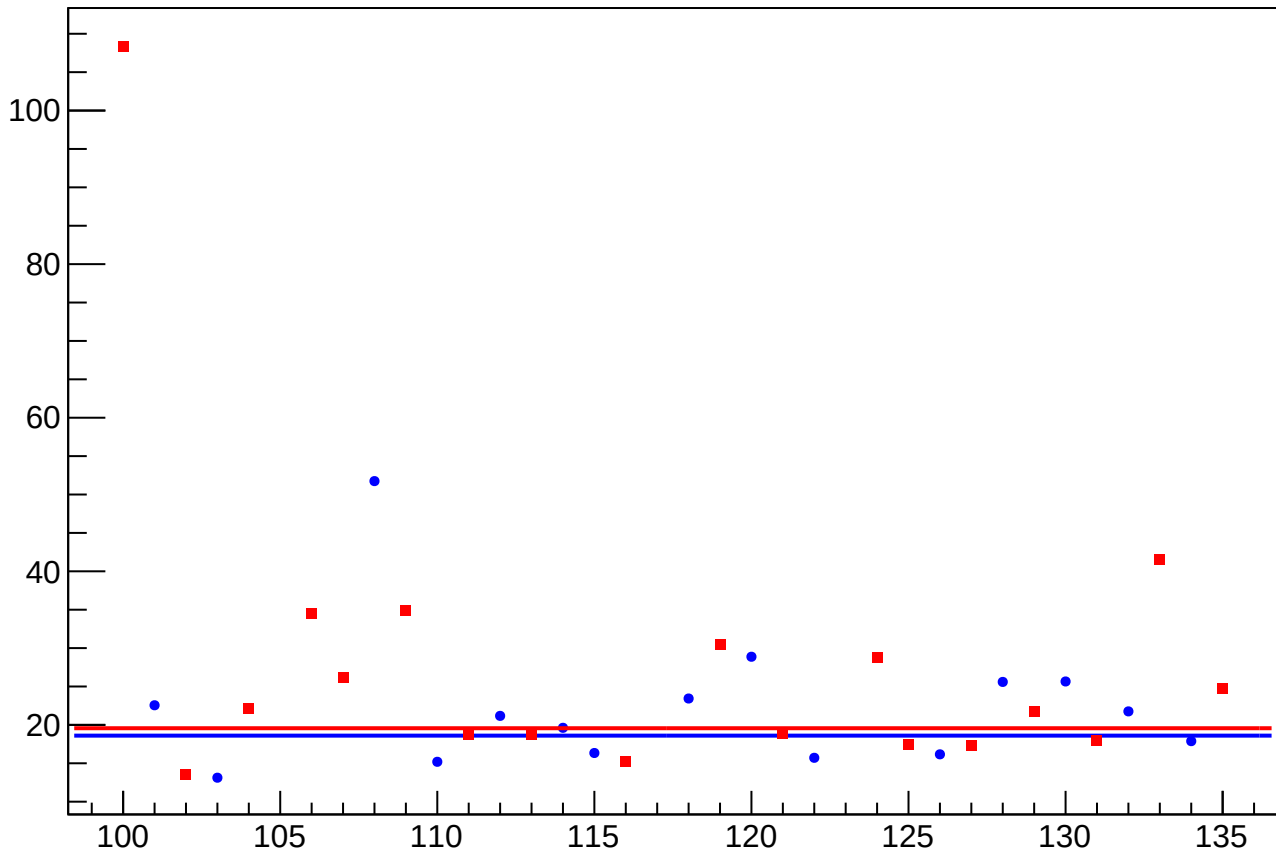
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.006 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_37_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 18.601+/-0.006 χ^2/NDF : 847346.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 19.565+/-0.006 χ^2/NDF : 1143375.6/17

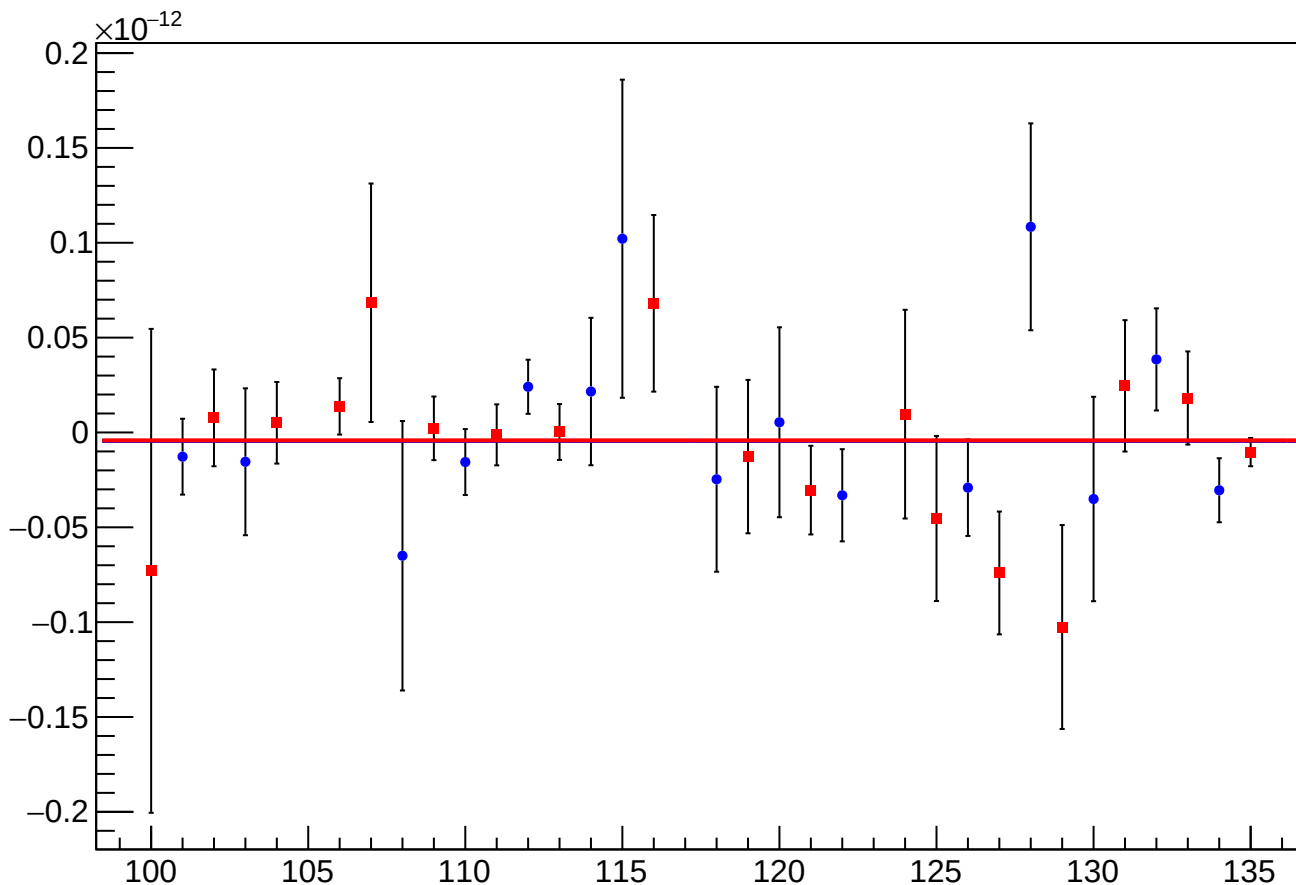
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 19.087+/-0.004 χ^2/NDF : 2004983.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 19.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.6/17

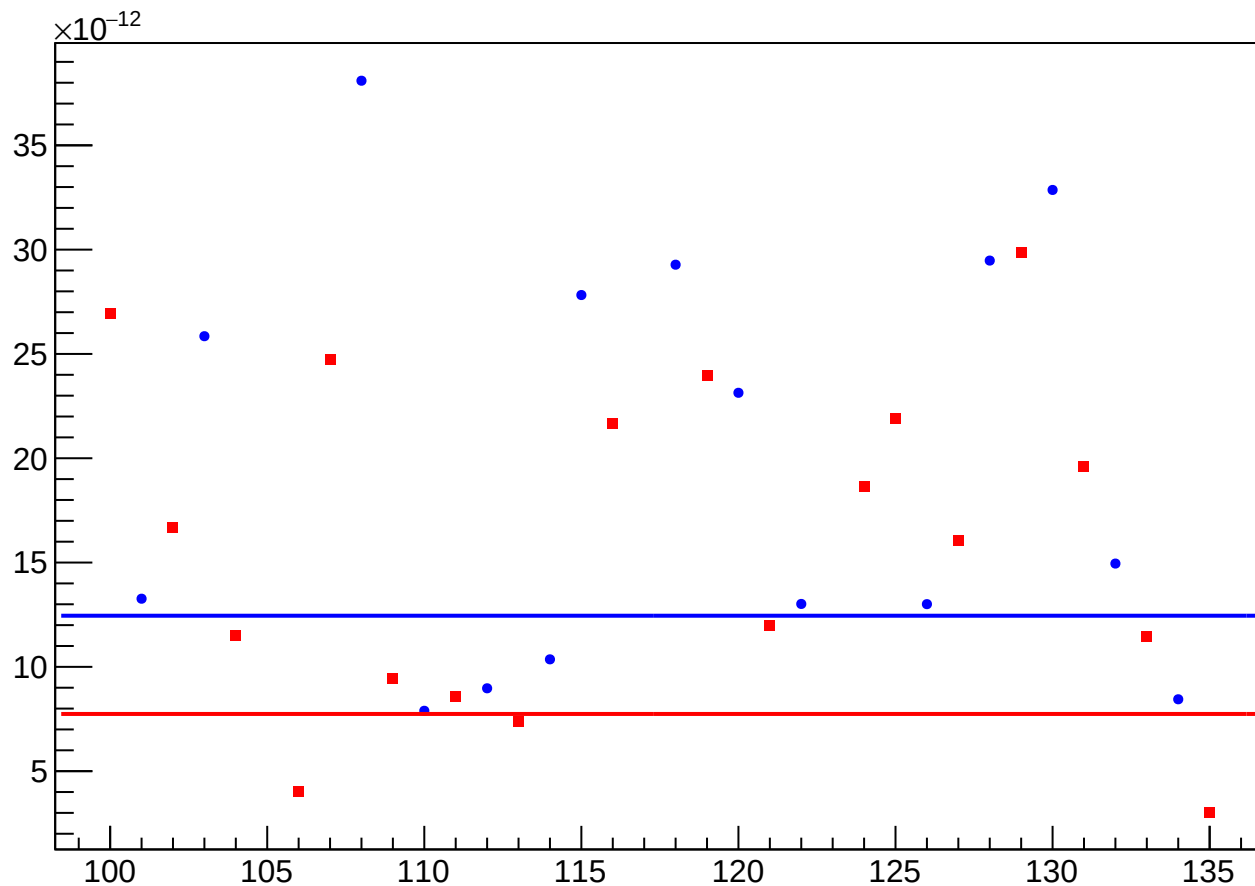
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 38.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_37_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1776202.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3067865.9/17

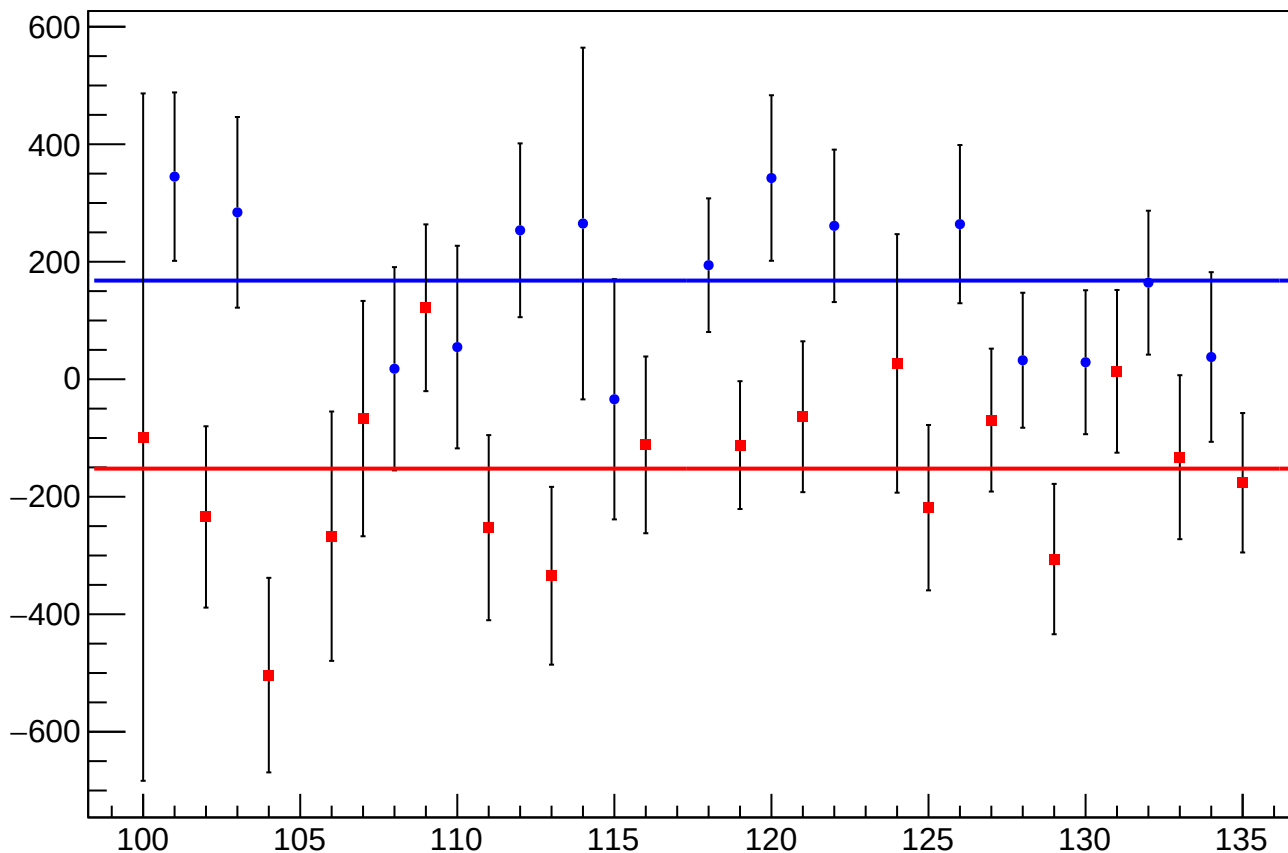
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5505145.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_mean vs Slug



Right In: 167.971 $\pm$ 36.918 χ^2 /NDF: 10.7/14

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

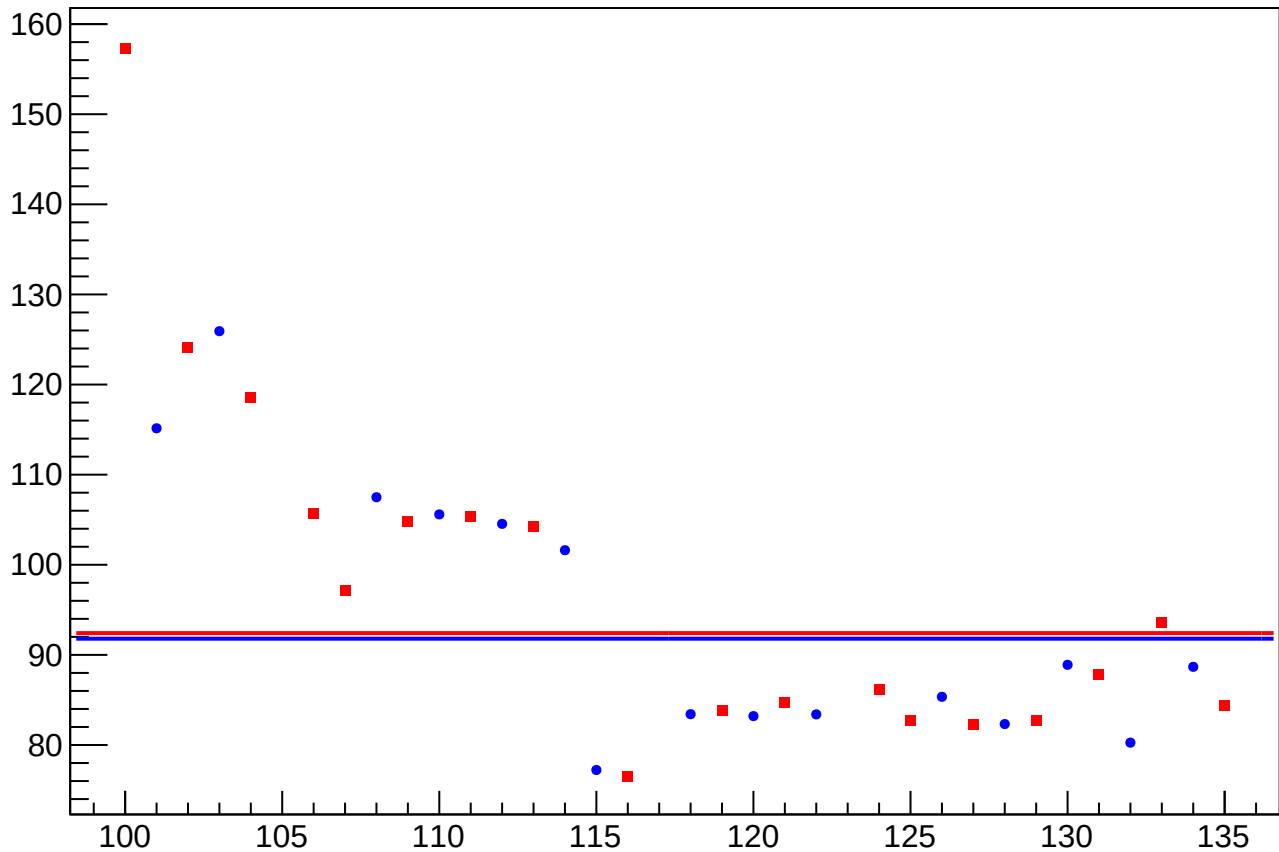
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.514 $\pm$ 25.323 χ^2 /NDF: 66.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_rms vs Slug



Right In: 91.799+/-0.026 χ^2/NDF : 262578.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.417+/-0.025 χ^2/NDF : 298281.9/17

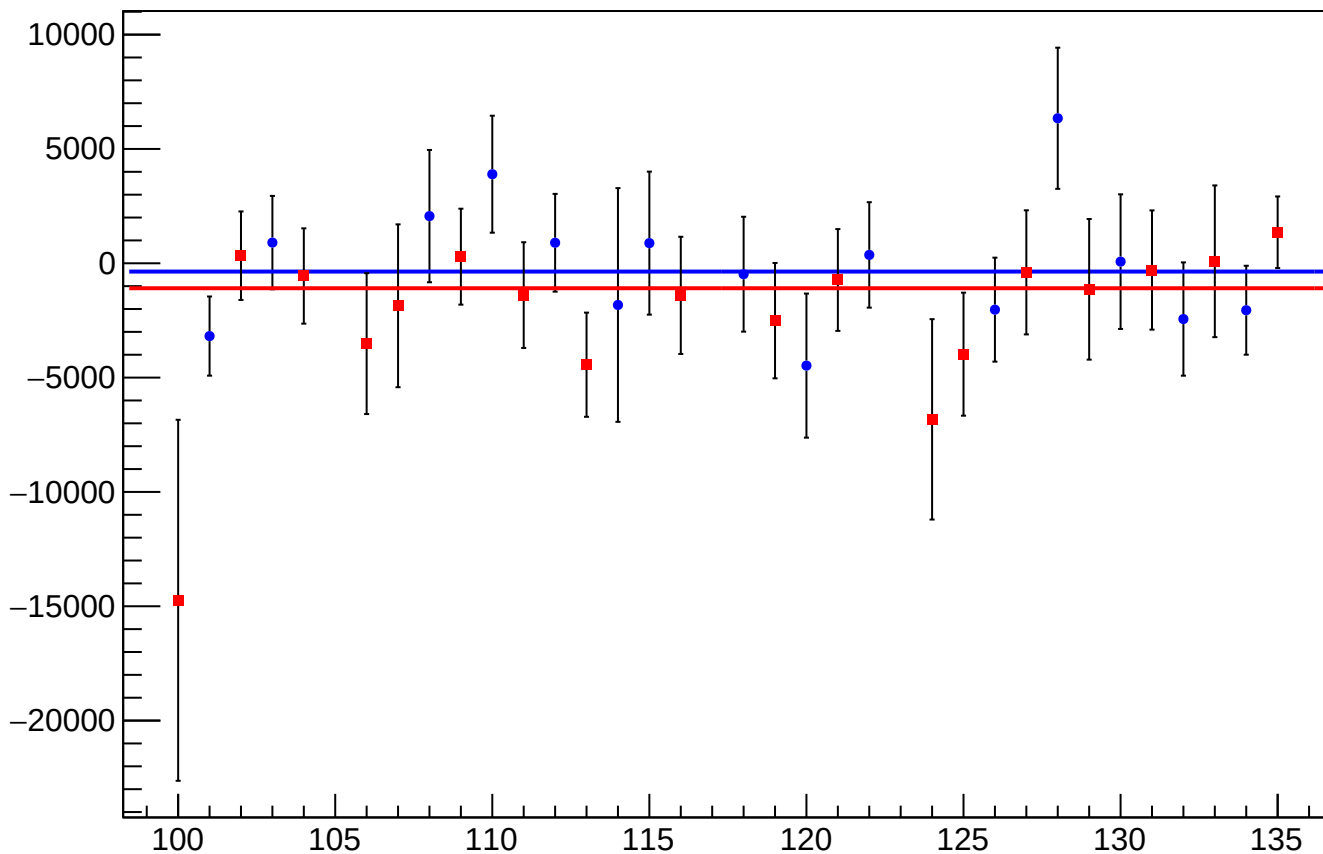
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.126+/-0.018 χ^2/NDF : 561156.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_correction_mean vs Slug



Right In: -362.315+/-633.295 χ^2 /NDF: 15.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -1091.569+/-587.911 χ^2 /NDF: 12.8/17

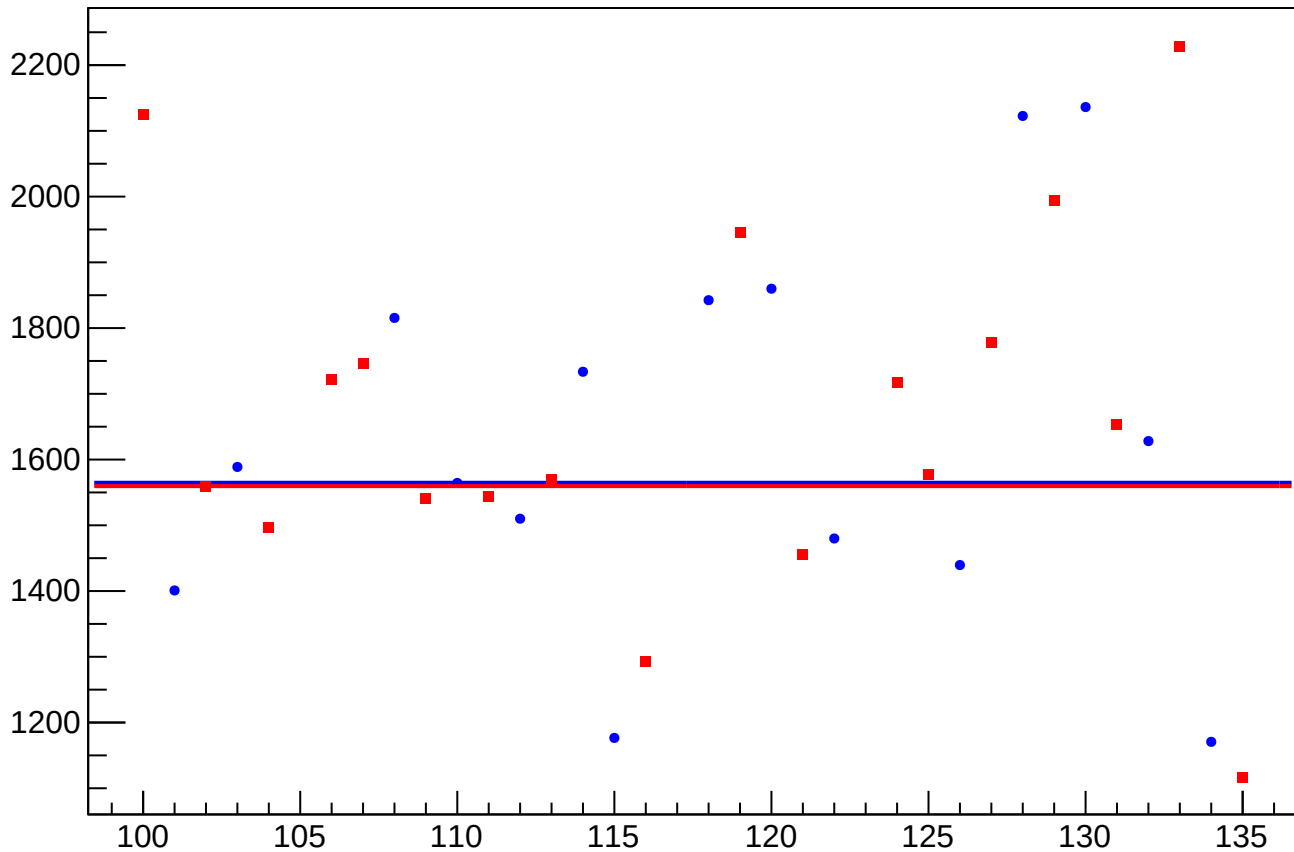
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -754.006+/-430.868 χ^2 /NDF: 29.2/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_reg_correction_rms vs Slug



Right In: 1564.740+/-0.448 χ^2/NDF : 342415.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

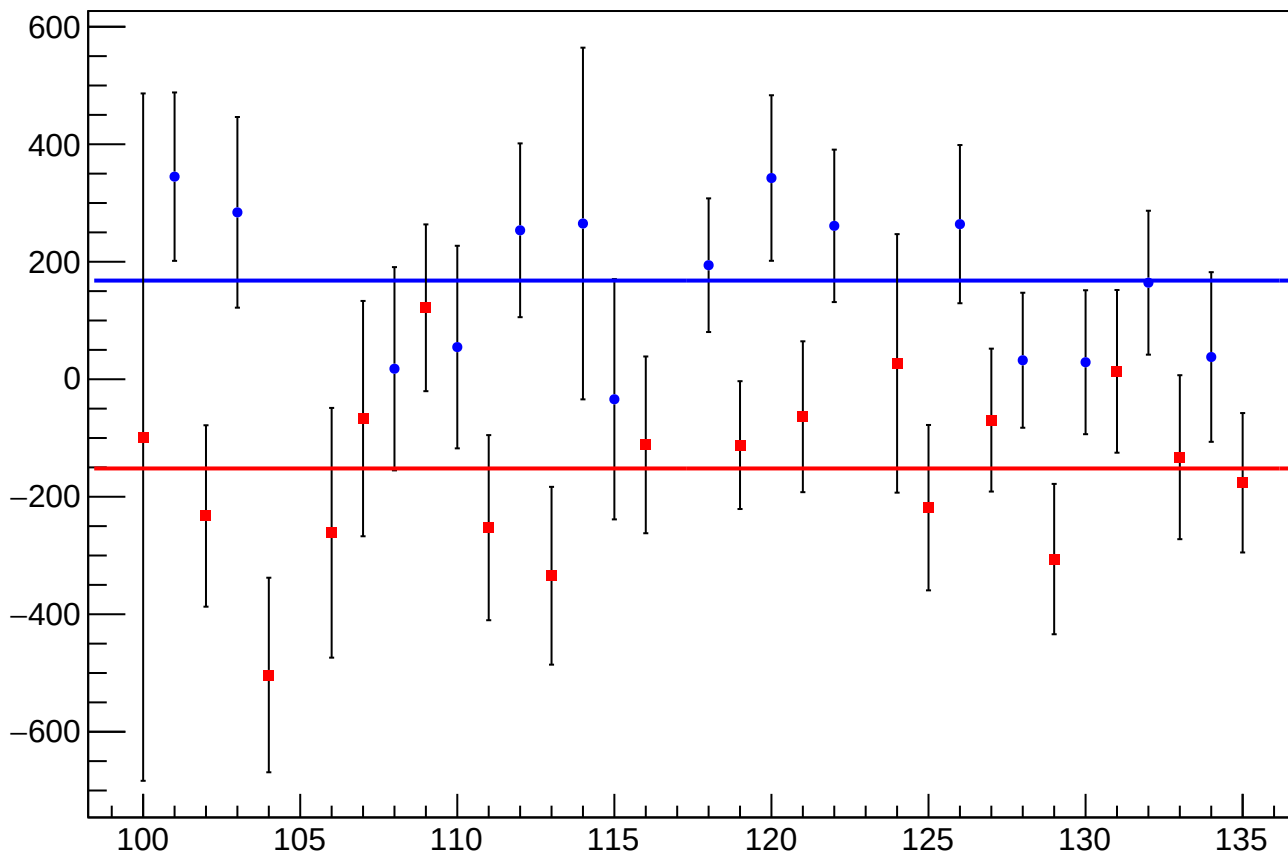
Right Out: 1559.557+/-0.416 χ^2/NDF : 395485.9/17

All: 1561.956+/-0.305 χ^2/NDF : 737973.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_24_68_dd_mean vs Slug



Right In: 167.967 $\pm$ 36.918 χ^2 /NDF: 10.7/14

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

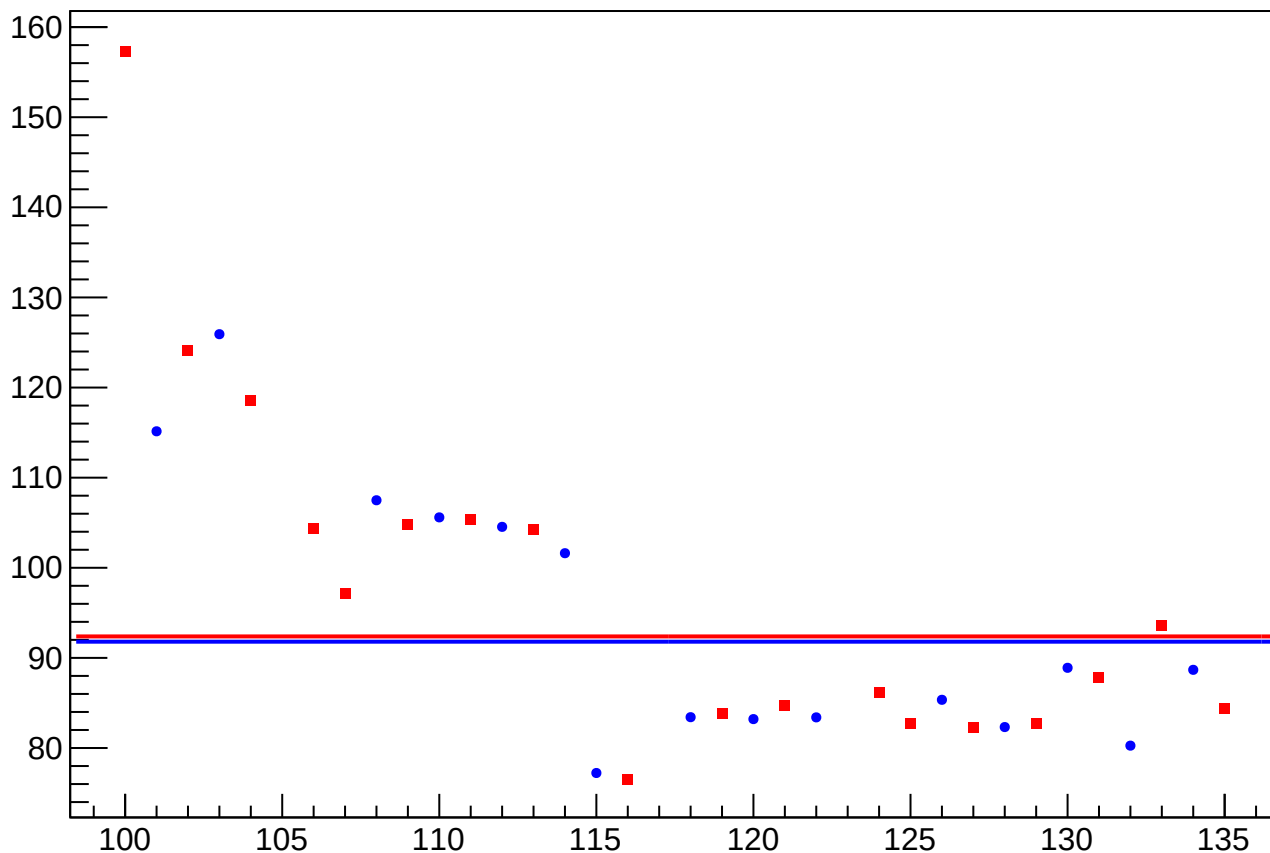
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.366 $\pm$ 25.324 χ^2 /NDF: 66.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_24_68_dd_rms vs Slug



Right In: 91.799+/-0.026 χ^2/NDF : 262579.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 92.382+/-0.025 χ^2/NDF : 297048.5/17

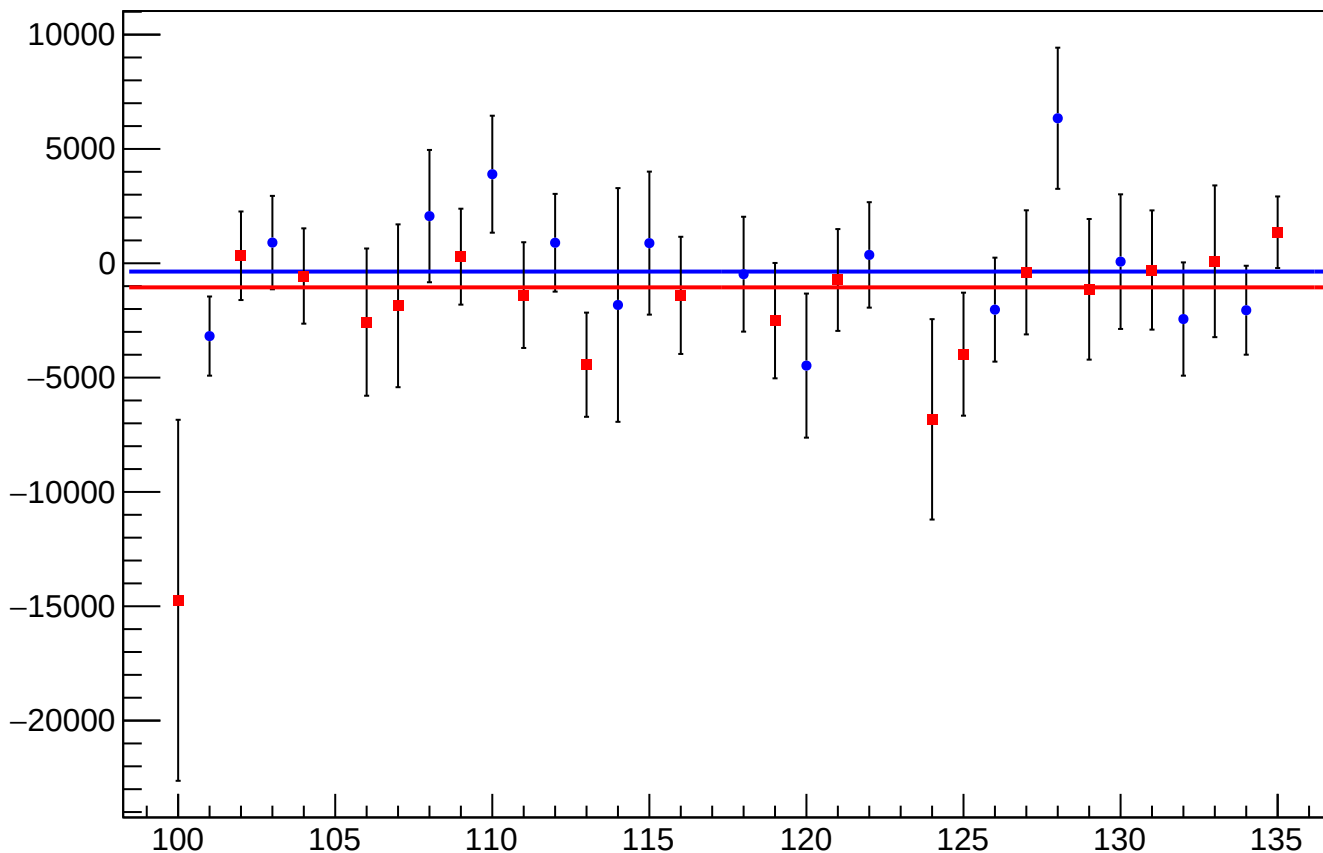
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.108+/-0.018 χ^2/NDF : 559892.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_mean vs Slug



Right In: -362.278 ± 633.298 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1053.111 ± 588.836 χ^2/NDF : 12.4/17

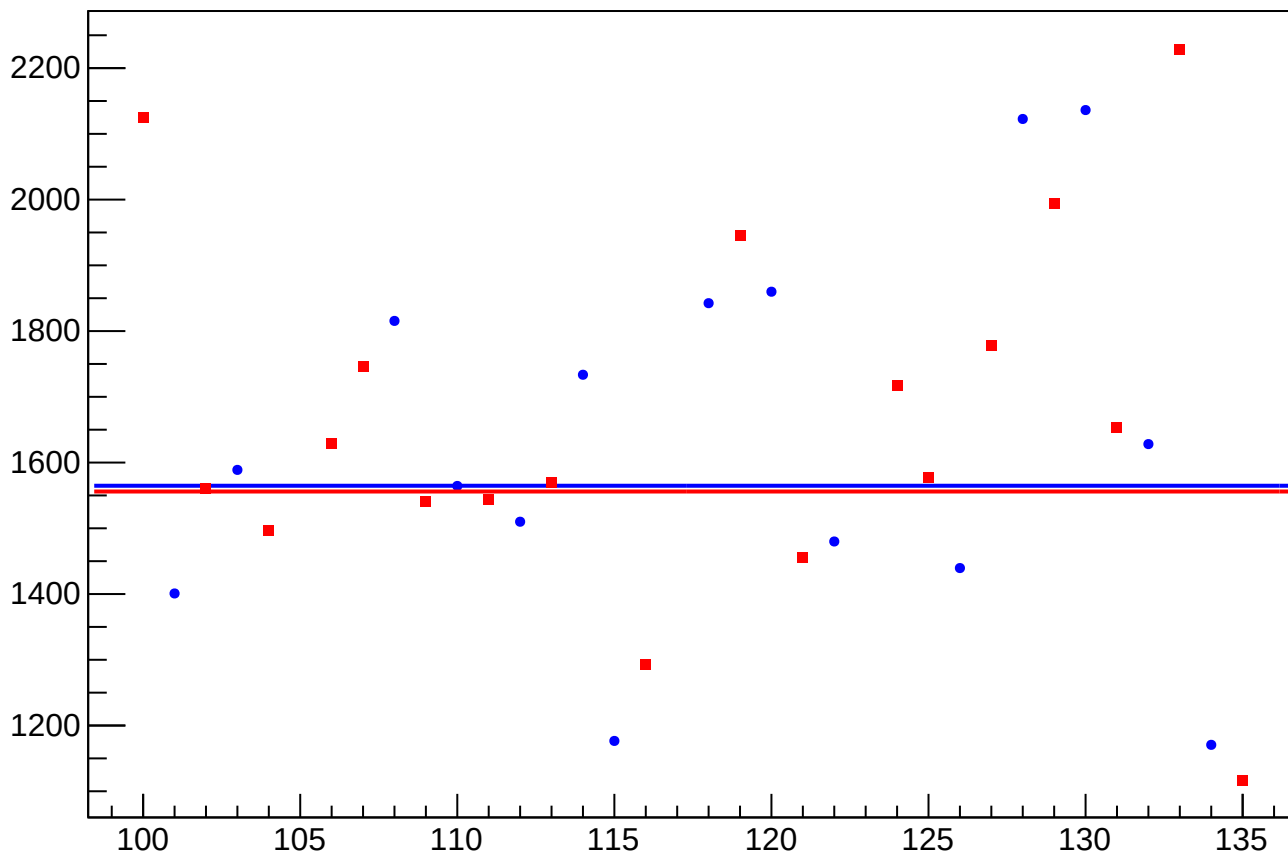
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -732.795 ± 431.232 χ^2/NDF : 28.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_cor_correction_rms vs Slug



Right In: 1564.746 $\pm$ 0.448 χ^2 /NDF: 342417.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1555.971 $\pm$ 0.416 χ^2 /NDF: 390738.8/17

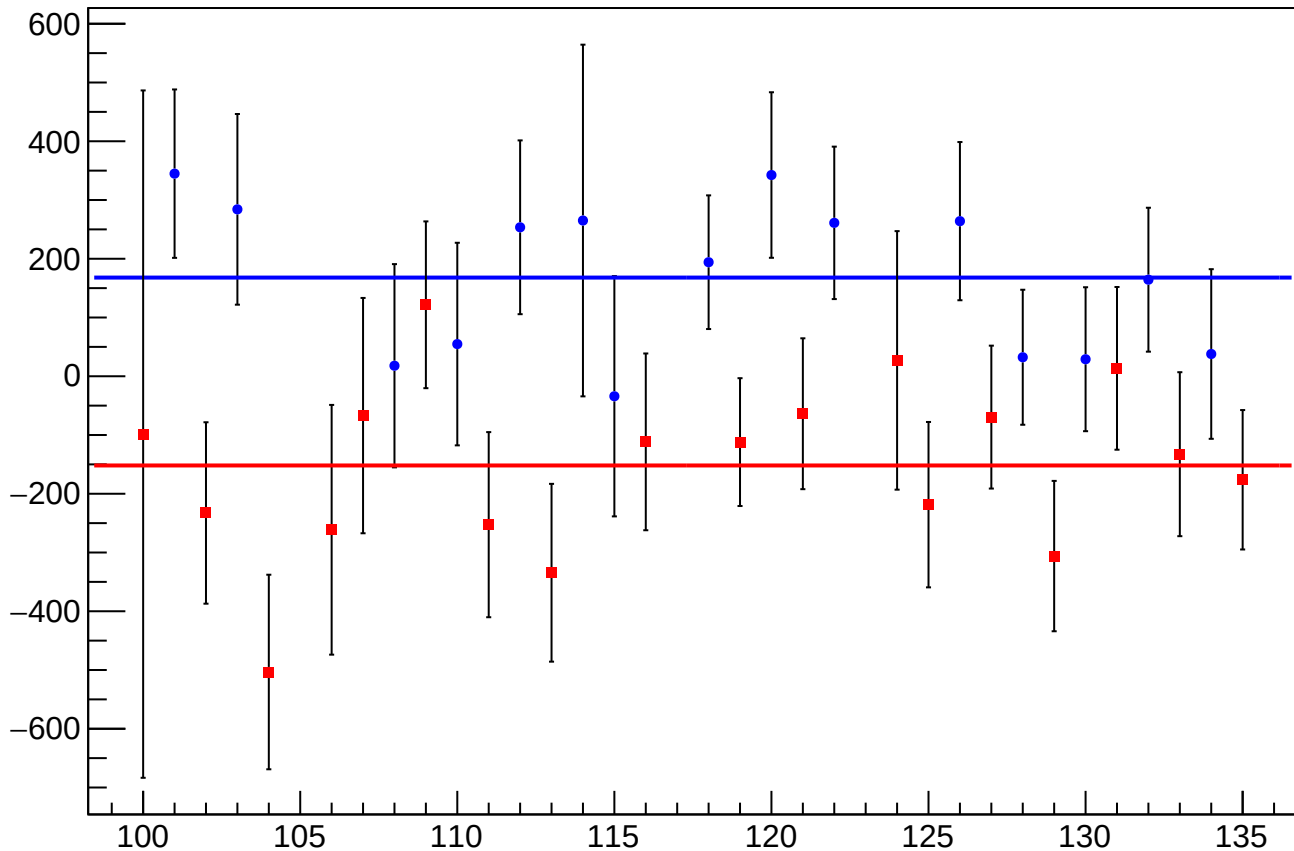
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1560.040 $\pm$ 0.305 χ^2 /NDF: 733361.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_mean vs Slug



Right In: 167.967 $\pm$ 36.918 χ^2 /NDF: 10.7/14

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

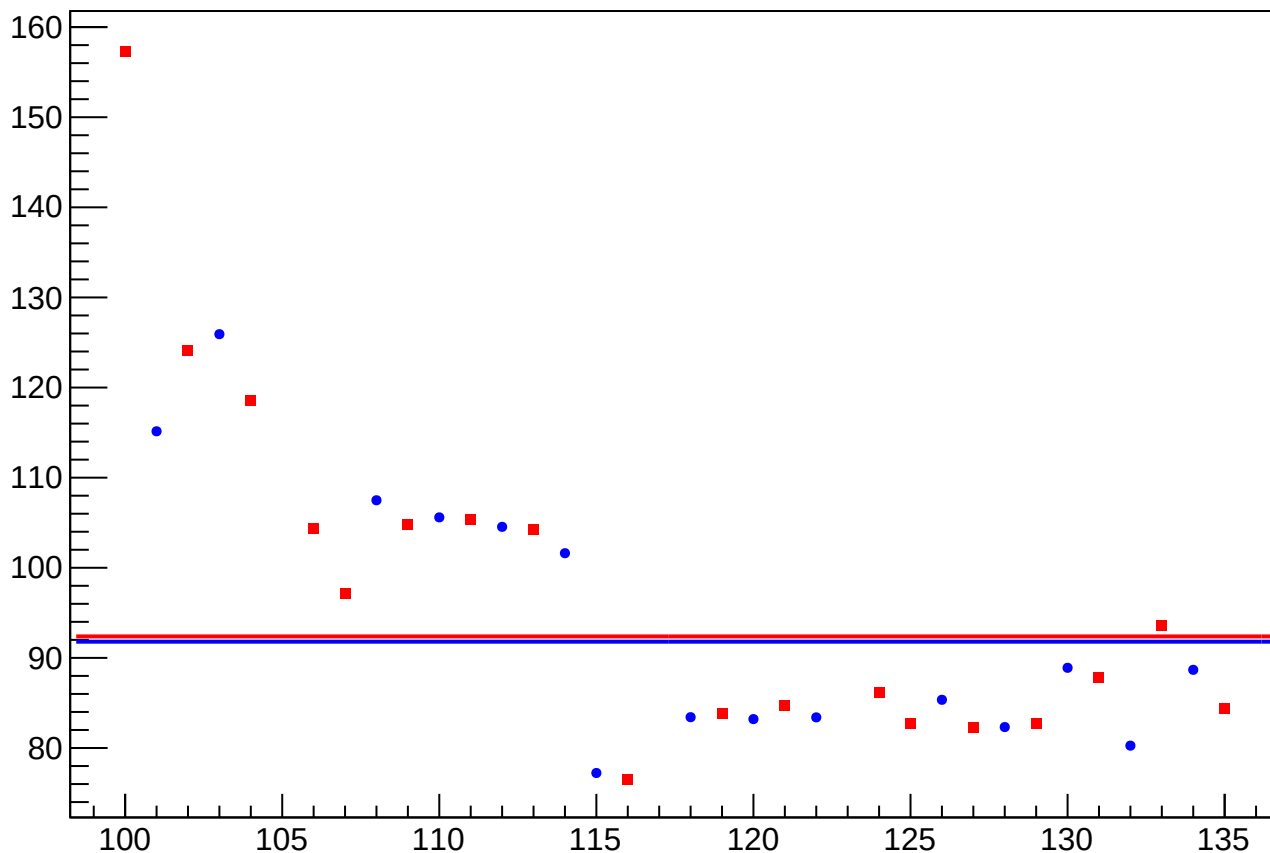
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -1.366 $\pm$ 25.324 χ^2 /NDF: 66.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_24_68_dd_rms vs Slug



Right In: 91.799 $\pm$ 0.026 χ^2 /NDF: 262579.8/14

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

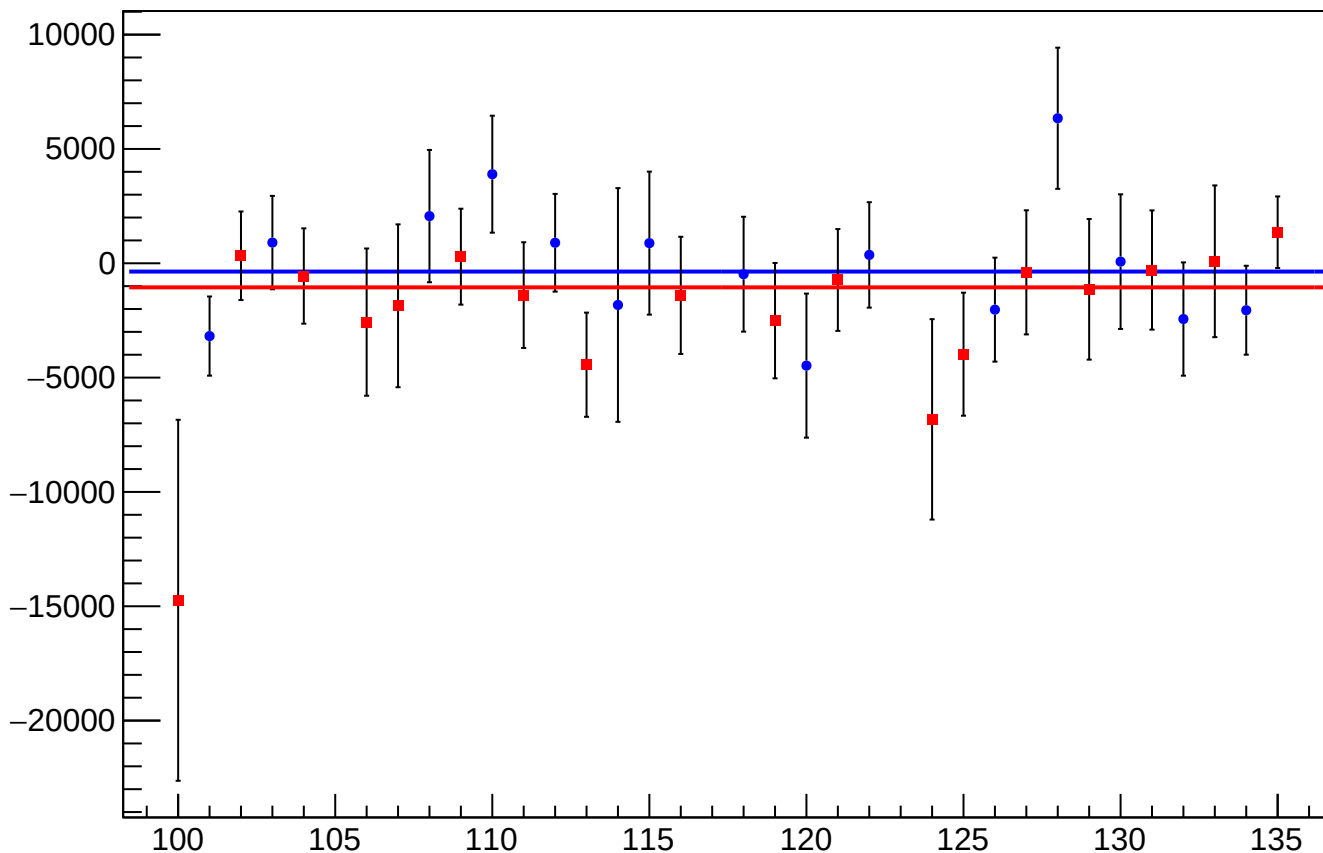
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.108 $\pm$ 0.018 χ^2 /NDF: 559892.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_mean vs Slug



Right In: -362.278+/-633.298 χ^2/NDF : 15.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1053.111+/-588.836 χ^2/NDF : 12.4/17

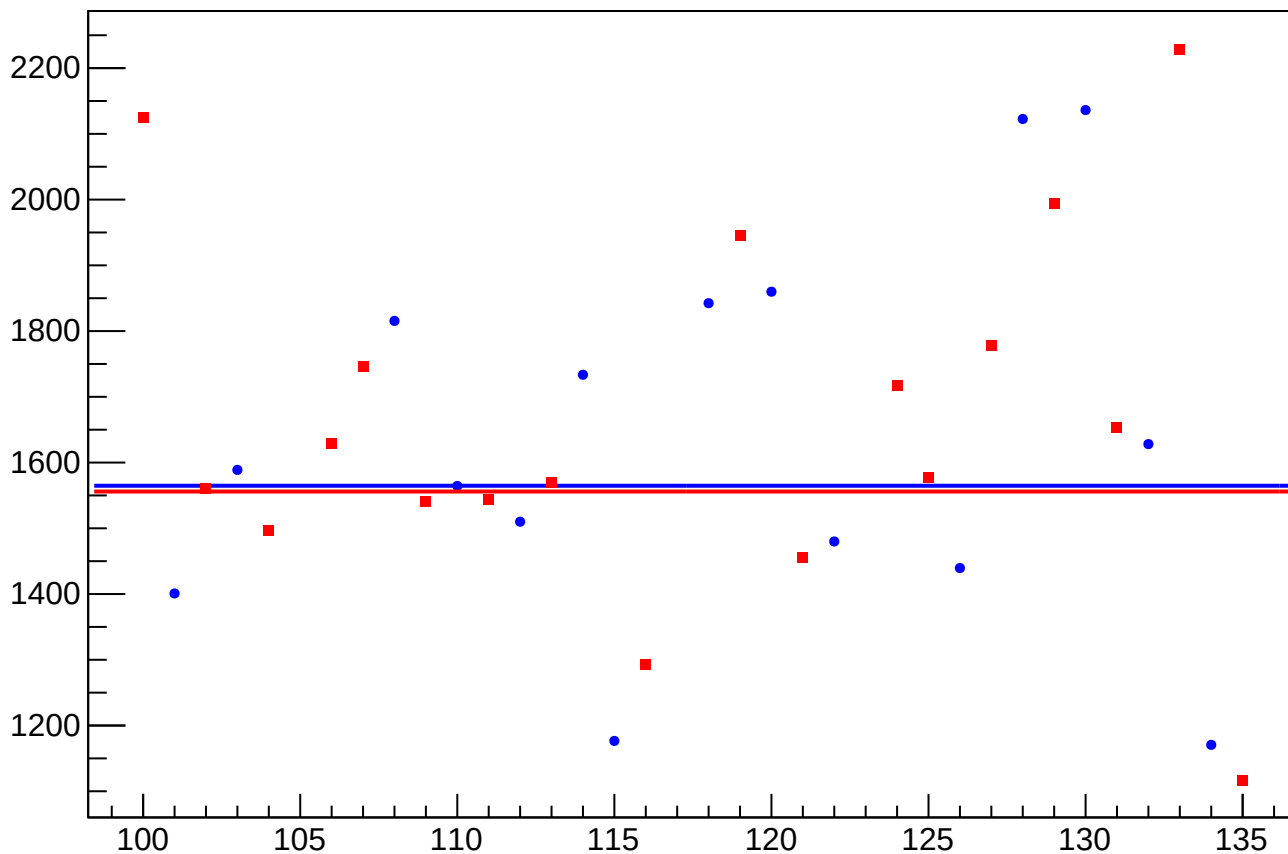
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -732.795+/-431.232 χ^2/NDF : 28.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_cor_correction_rms vs Slug



Right In: 1564.746 $\pm$ 0.448 χ^2 /NDF: 342417.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1555.971 $\pm$ 0.416 χ^2 /NDF: 390738.8/17

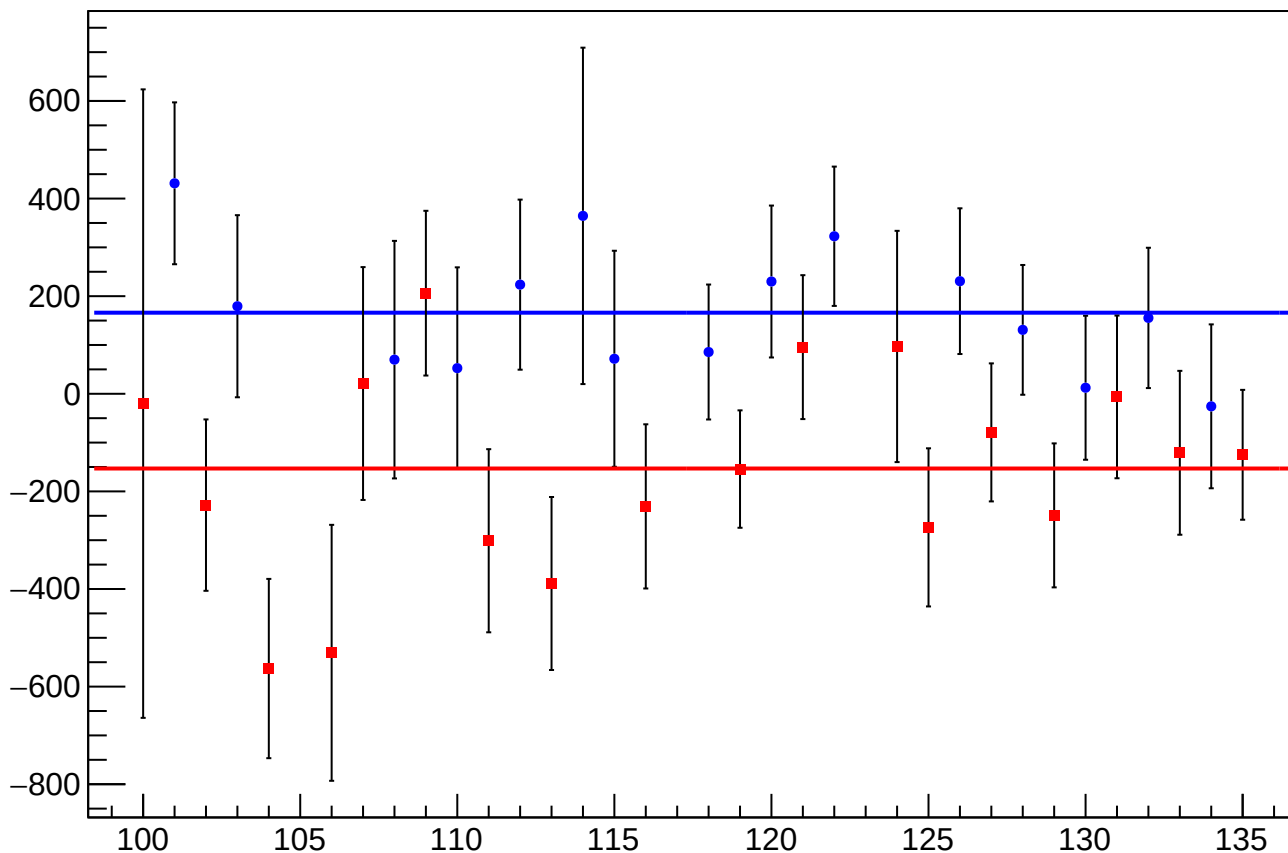
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1560.040 $\pm$ 0.305 χ^2 /NDF: 733361.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_24_68_dd_mean vs Slug



Right In: 166.159 $\pm$ 42.989 χ^2/NDF : 8.0/14

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

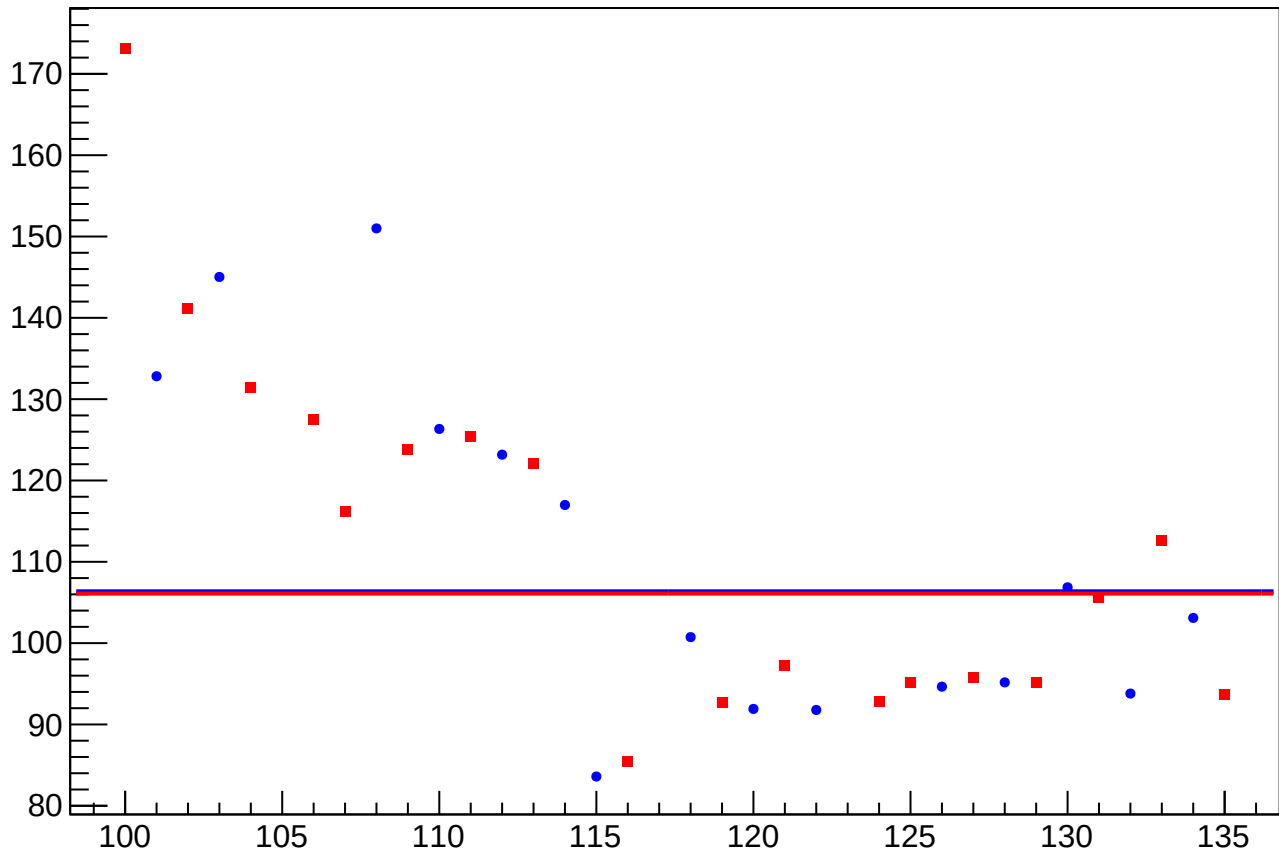
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: -4.619 $\pm$ 29.319 χ^2/NDF : 58.5/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_24_68_dd_rms vs Slug



Right In: 106.375 $\pm$ 0.030 χ^2 /NDF: 348426.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.087 $\pm$ 0.028 χ^2 /NDF: 335534.2/17

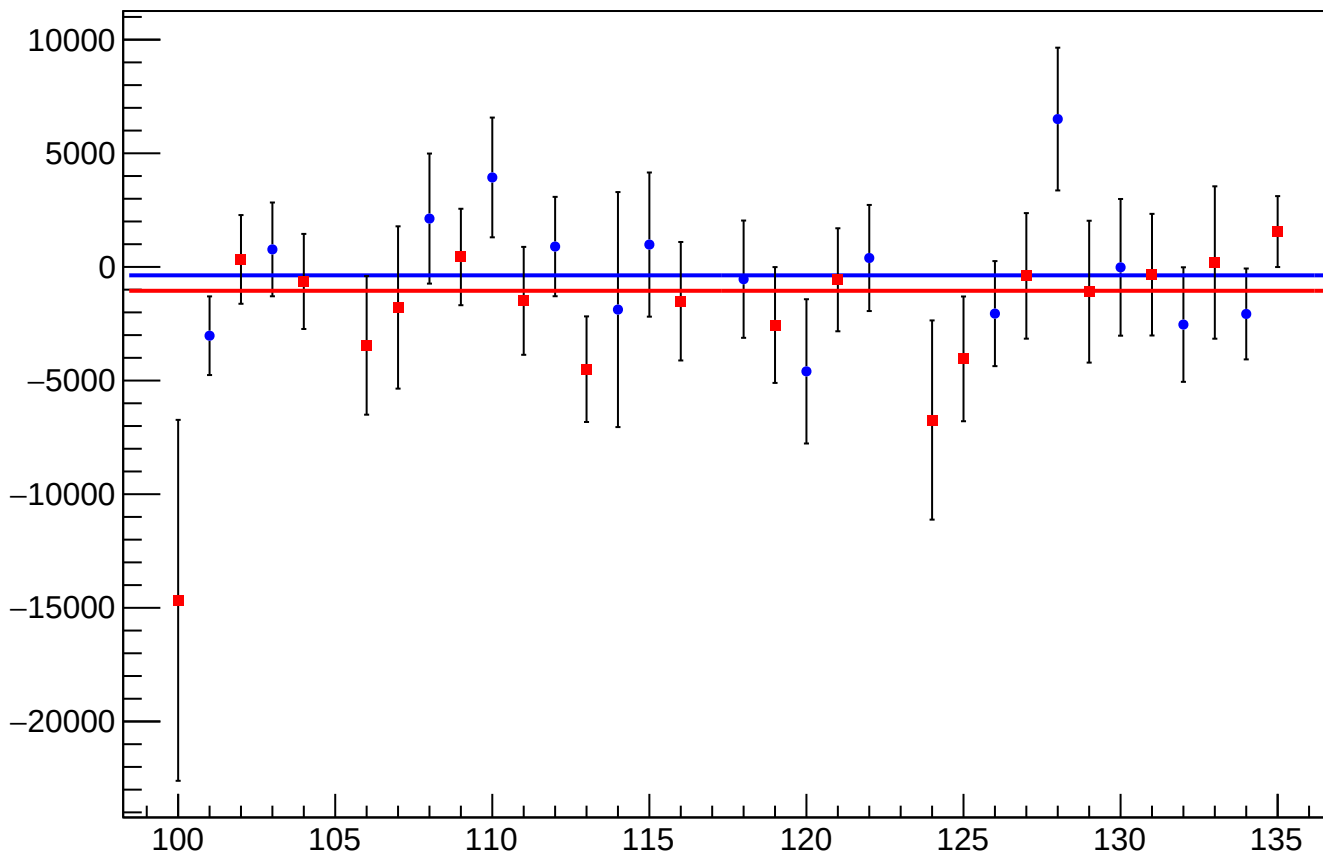
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.221 $\pm$ 0.021 χ^2 /NDF: 684009.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_mean vs Slug



Right In: -369.907 $\pm$ 642.742 χ^2 /NDF: 15.4/14

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

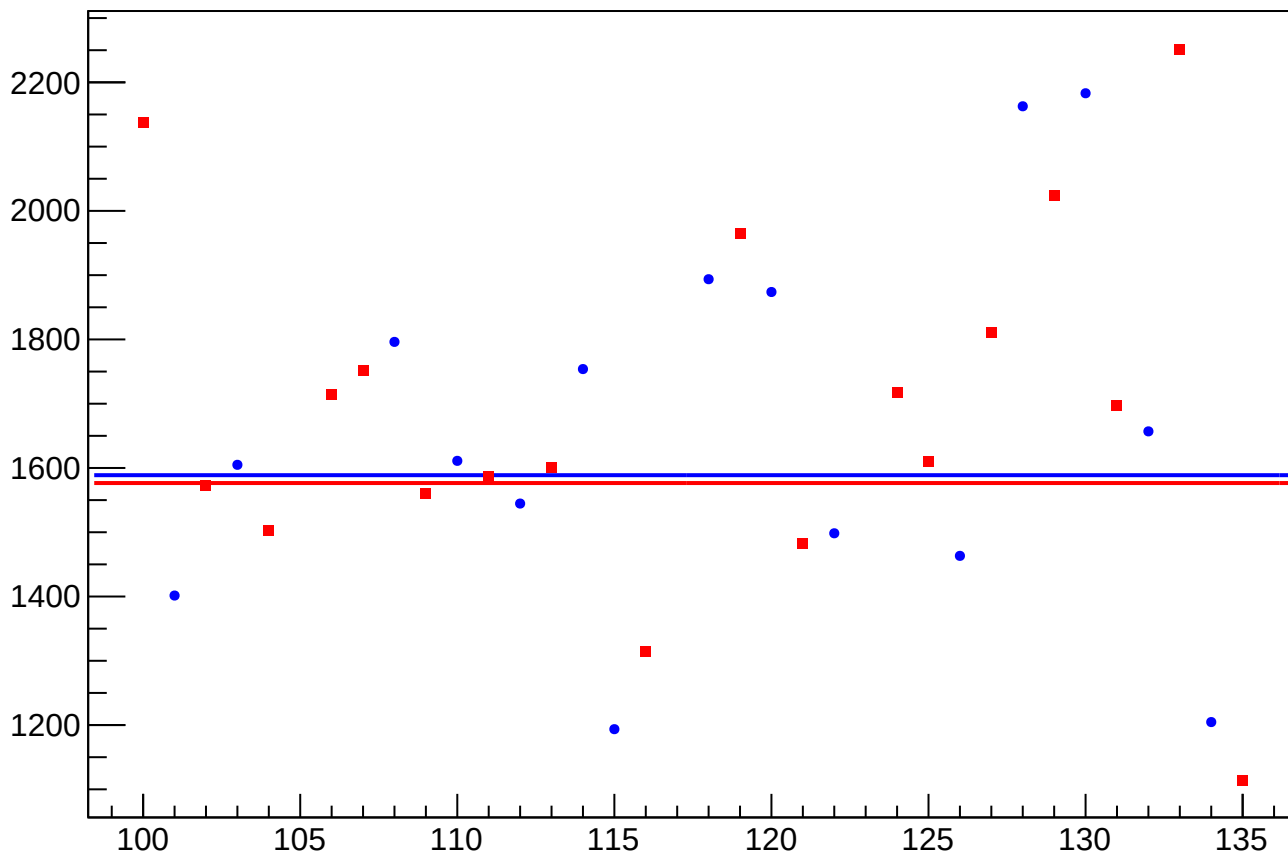
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -736.412 $\pm$ 436.356 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_correction_rms vs Slug



Right In: 1588.787 $\pm$ 0.454 χ^2 /NDF: 341157.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

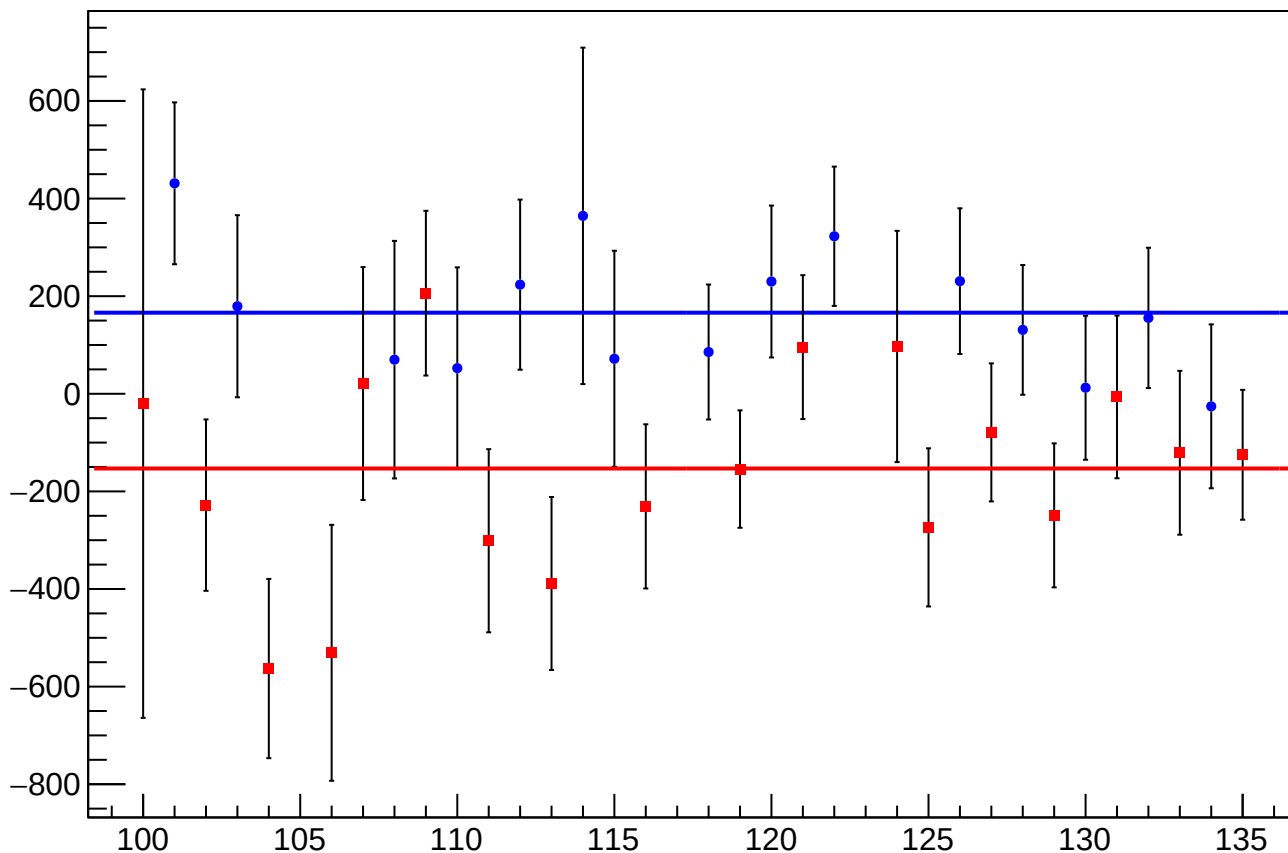
Right Out: 1576.558 $\pm$ 0.420 χ^2 /NDF: 409998.3/17

All: 1582.194 $\pm$ 0.309 χ^2 /NDF: 751545.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_mean vs Slug



Right In: 166.159 $\pm$ 42.989 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -153.122 $\pm$ 40.088 χ^2 /NDF: 21.0/17

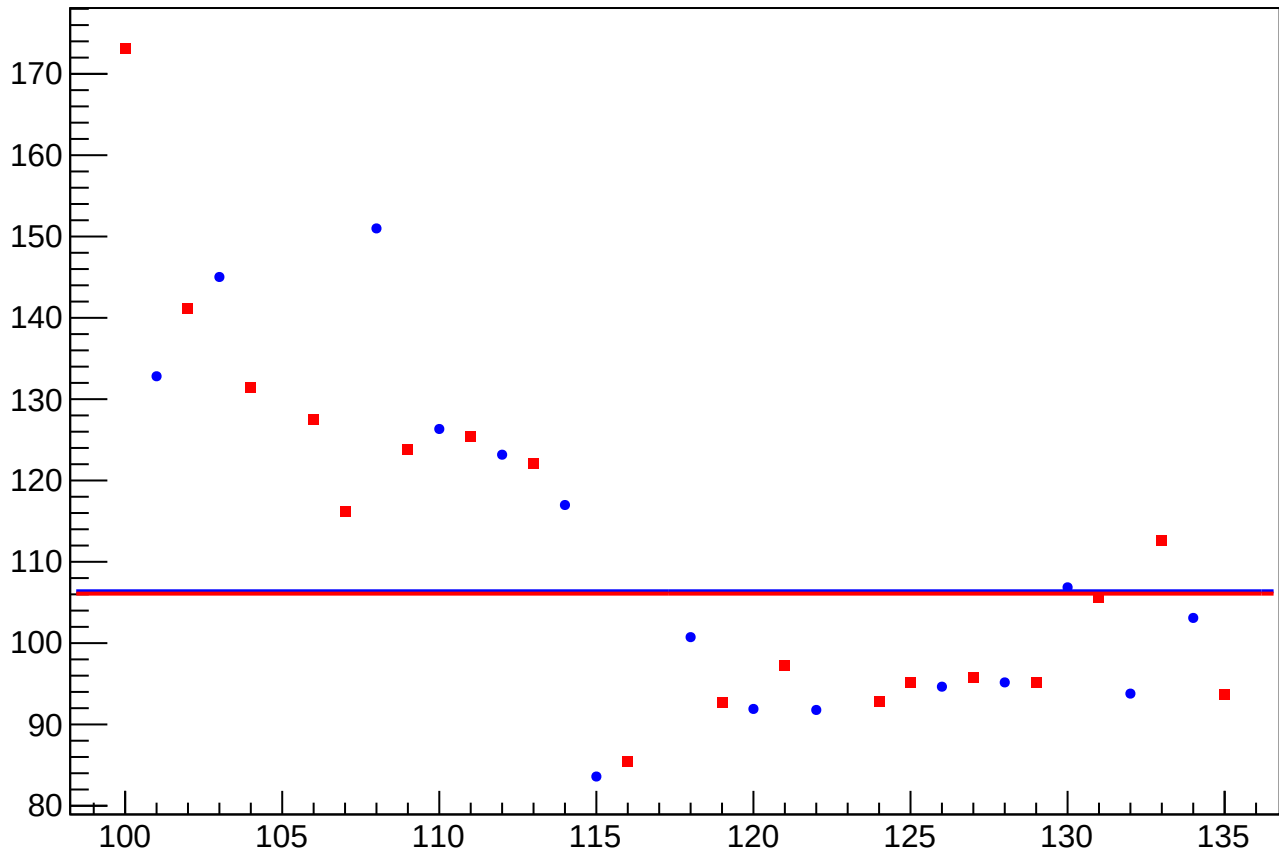
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -4.617 $\pm$ 29.318 χ^2 /NDF: 58.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_24_68_dd_rms vs Slug



Right In: 106.374 $\pm$ 0.030 χ^2 /NDF: 348433.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.086 $\pm$ 0.028 χ^2 /NDF: 335533.9/17

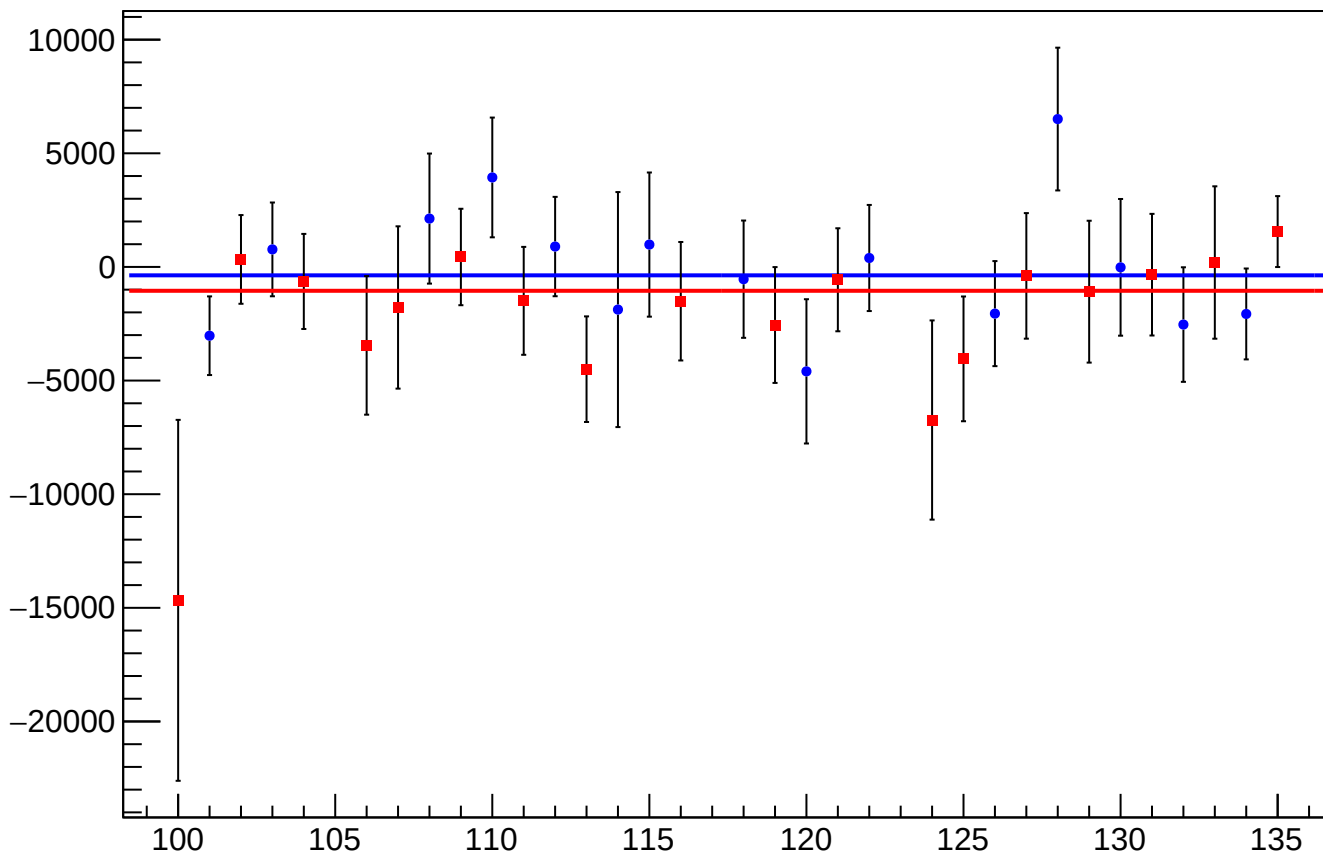
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 106.220 $\pm$ 0.021 χ^2 /NDF: 684015.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_mean vs Slug



Right In: -369.904+/-642.741 χ^2/NDF : 15.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1049.752+/-594.300 χ^2/NDF : 13.2/17

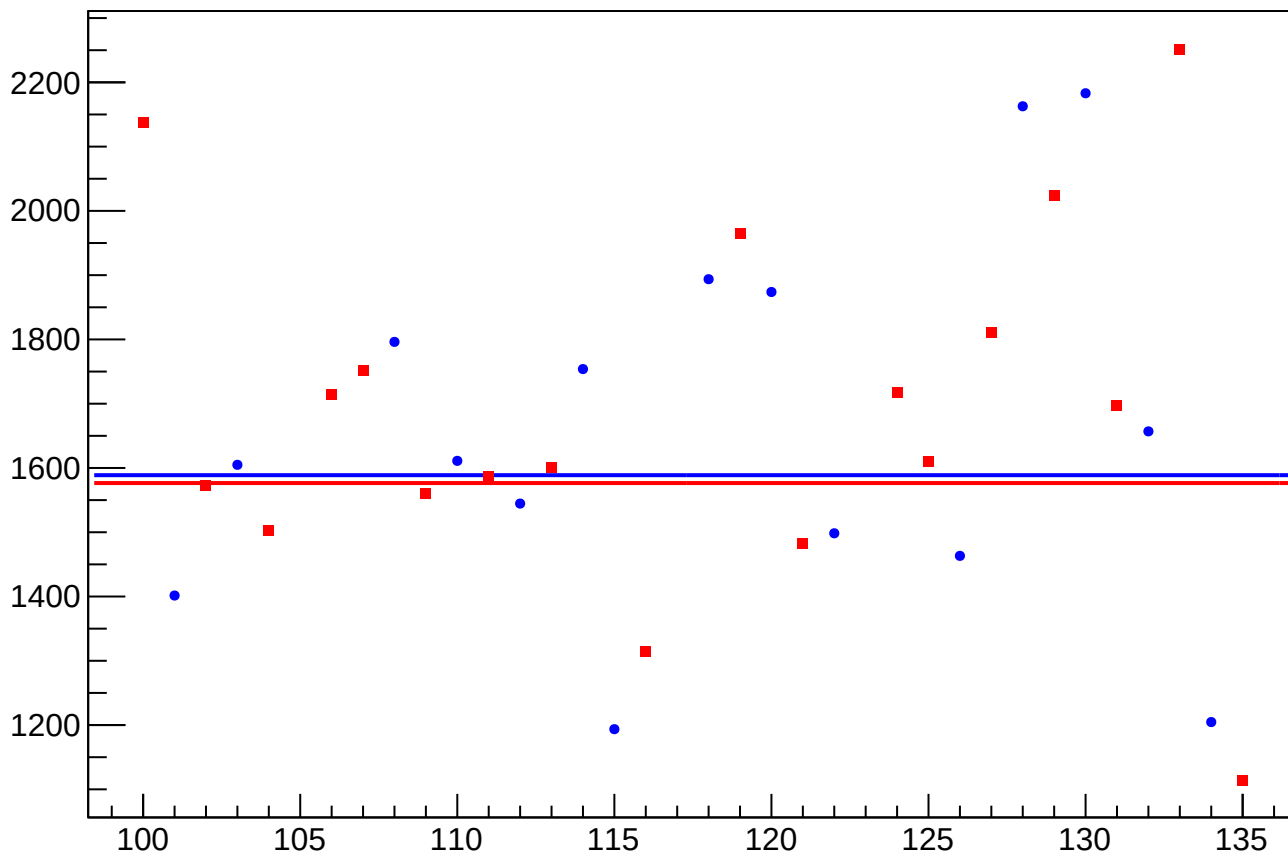
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -736.410+/-436.355 χ^2/NDF : 29.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_correction_rms vs Slug



Right In: 1588.784+/-0.454 χ^2/NDF : 341154.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

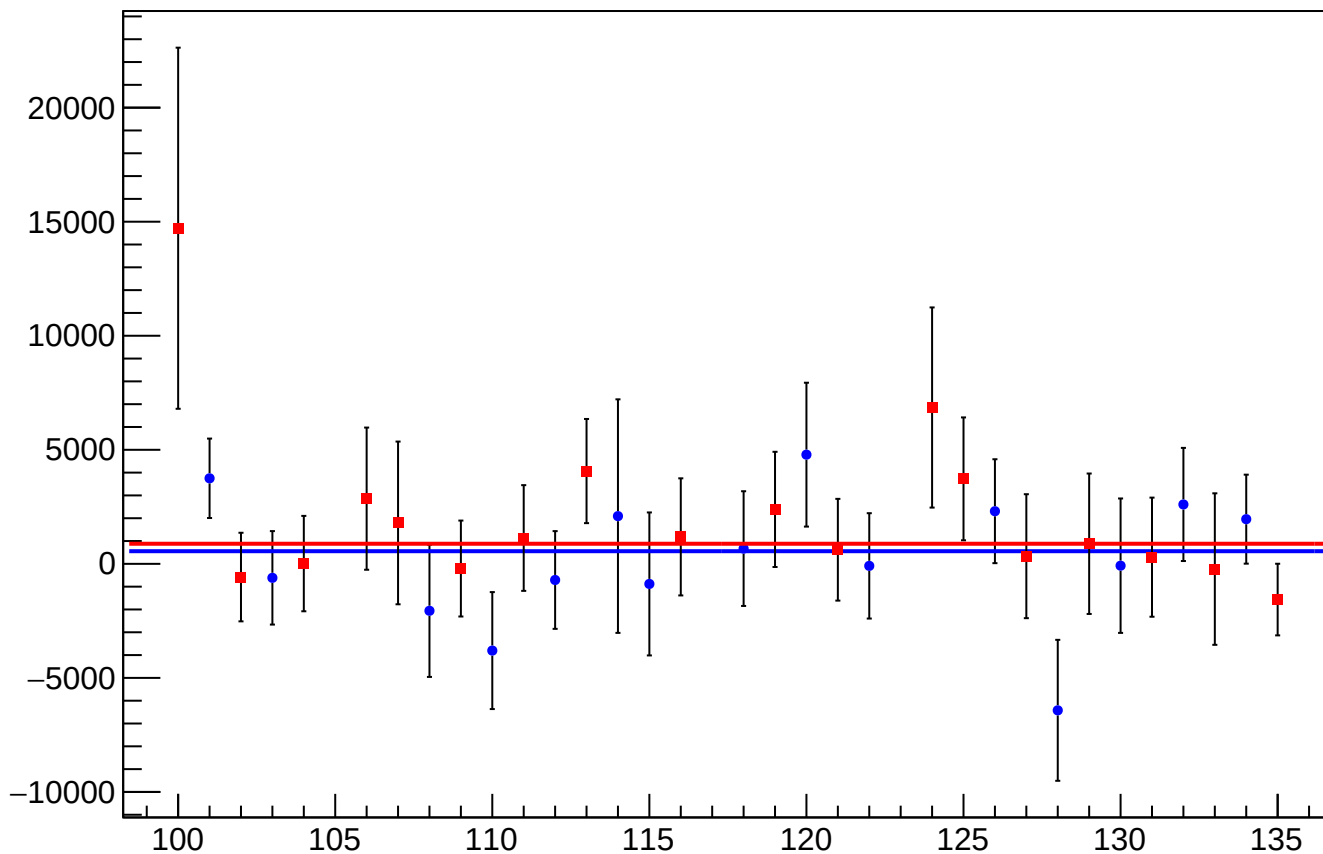
Right Out: 1576.555+/-0.420 χ^2/NDF : 409998.3/17

All: 1582.192+/-0.309 χ^2/NDF : 751542.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_mean vs Slug



Right In: 554.112 $\pm$ 634.882 χ^2 /NDF: 16.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 881.117 $\pm$ 589.381 χ^2 /NDF: 12.5/17

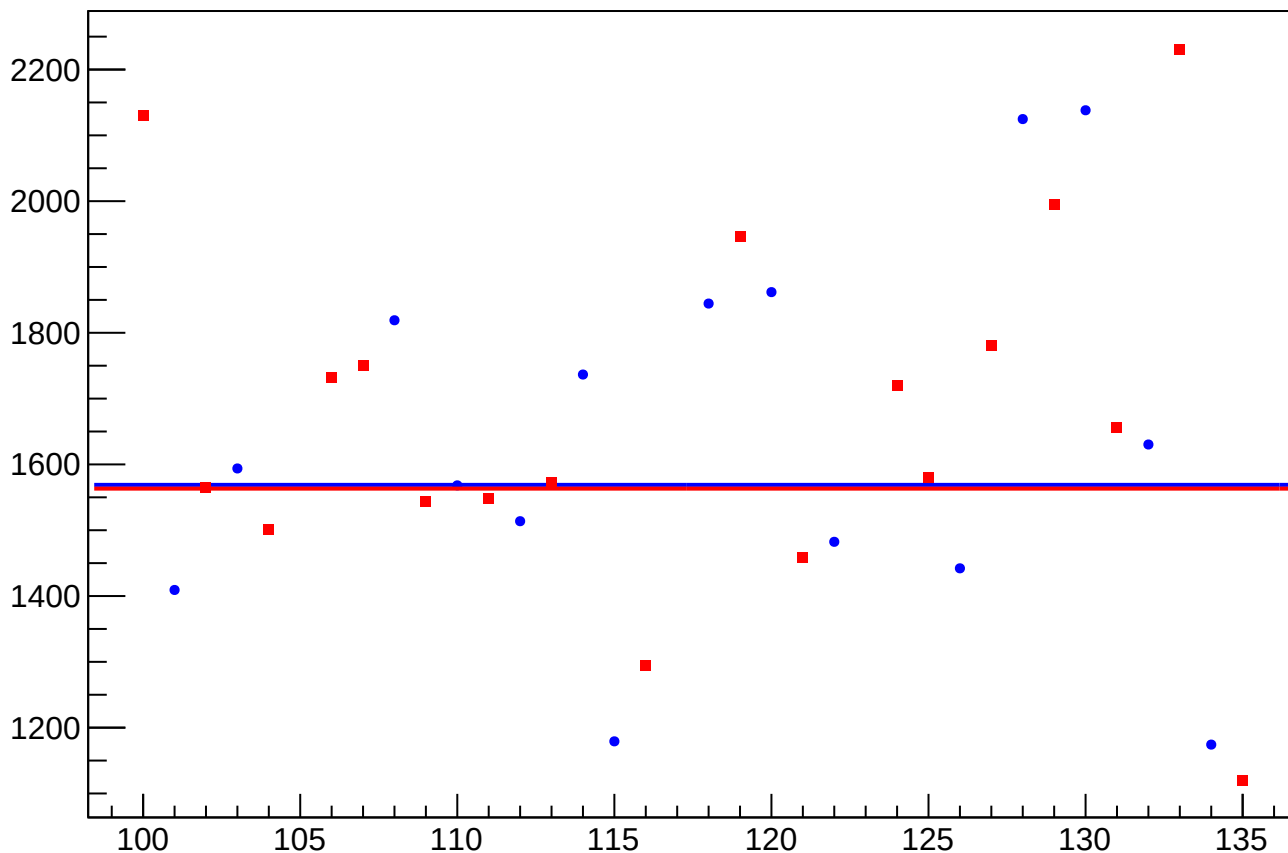
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 729.752 $\pm$ 431.946 χ^2 /NDF: 29.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_rms vs Slug



Right In: 1568.924+/-0.449 χ^2/NDF : 339103.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

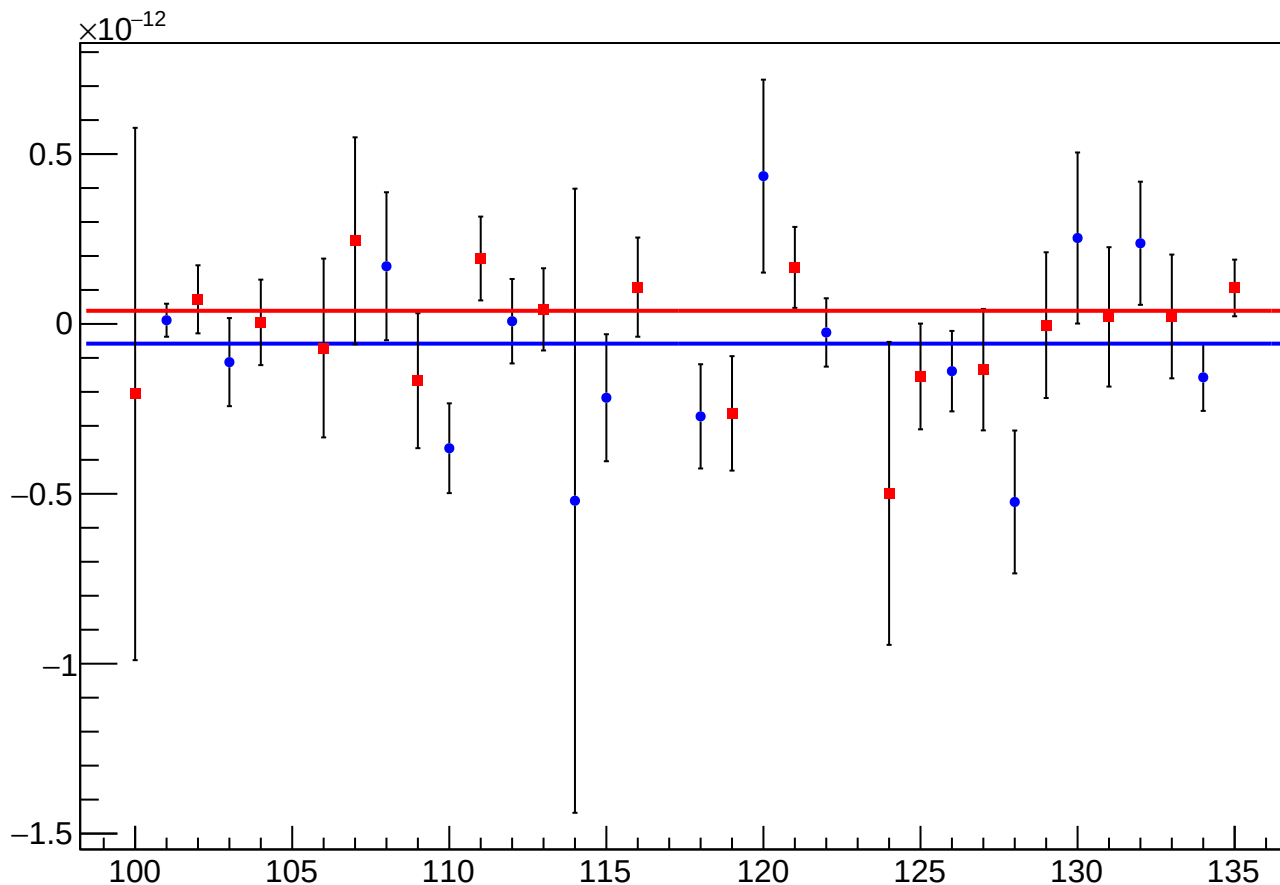
Right Out: 1563.200+/-0.417 χ^2/NDF : 393324.6/17

All: 1565.850+/-0.305 χ^2/NDF : 732515.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 25.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 12.8/17

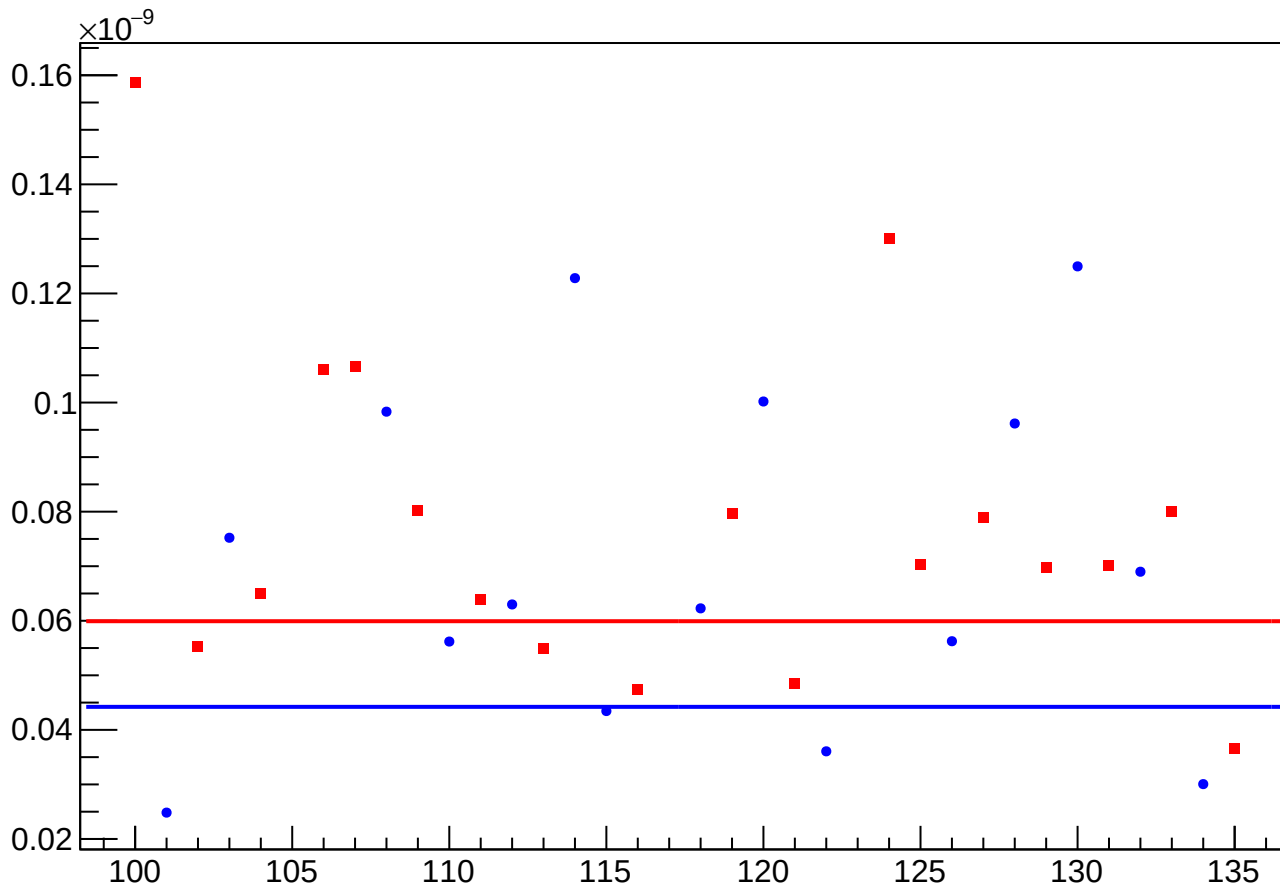
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 42.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1178853.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 506531.6/17

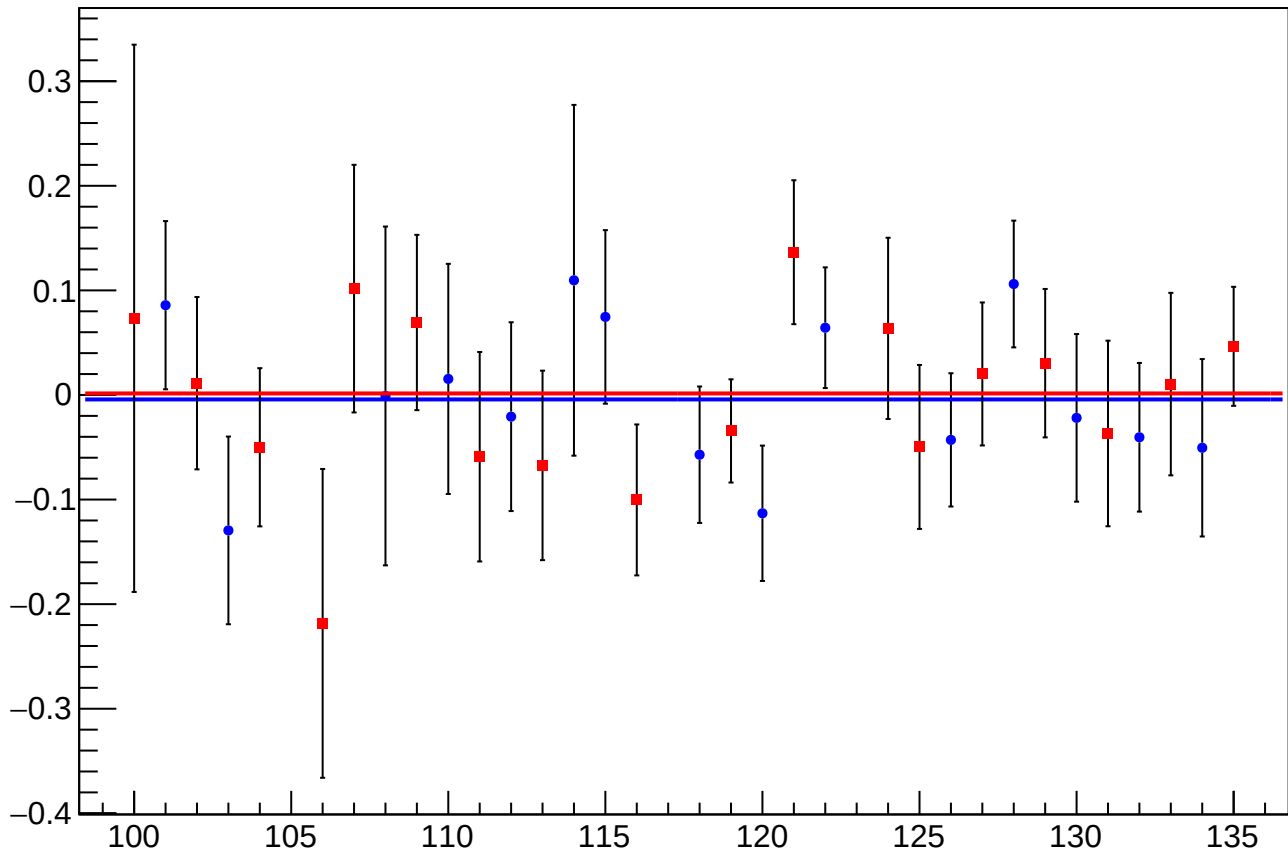
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 1909335.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.019 χ^2/NDF : 13.5/17

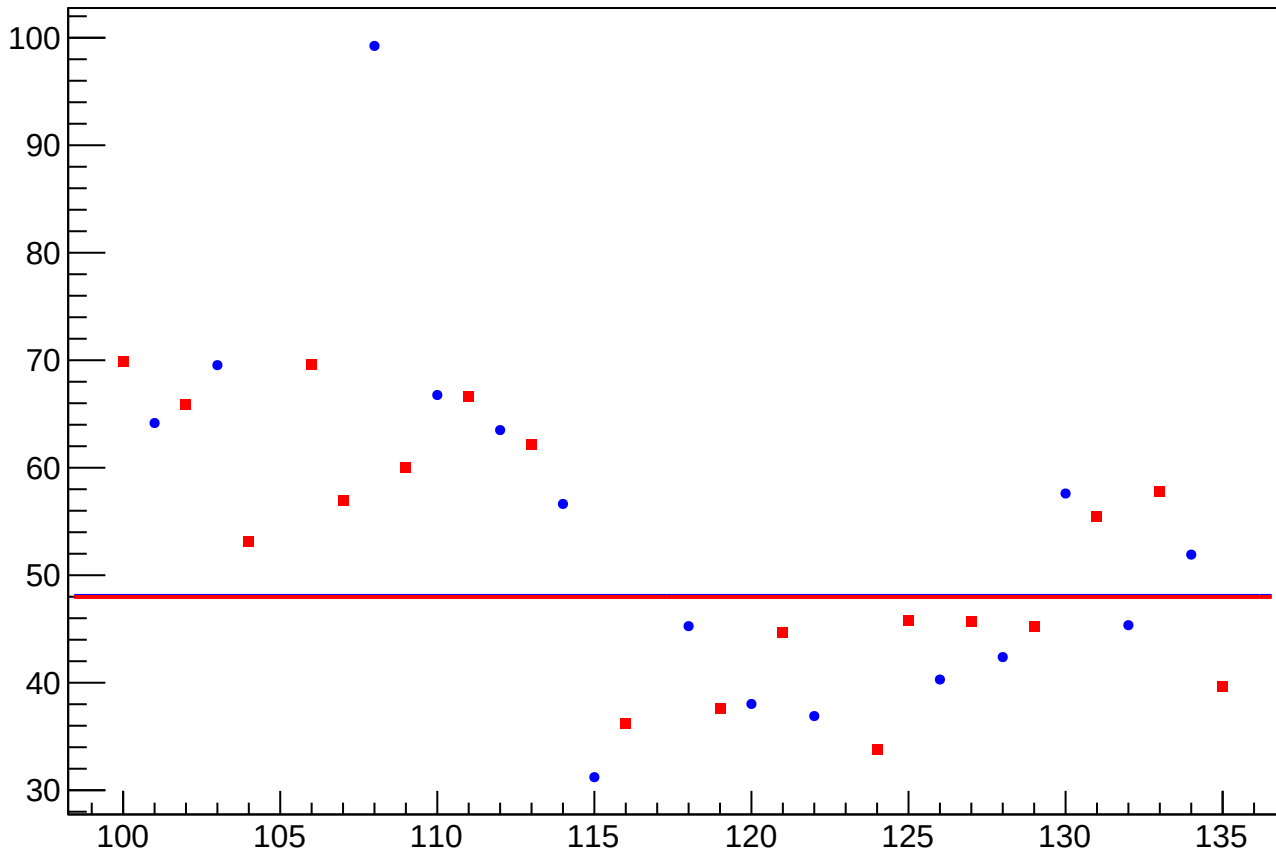
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 27.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_cor_diff_rms vs Slug



Right In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.979+/-0.013 χ^2/NDF : 620971.2/17

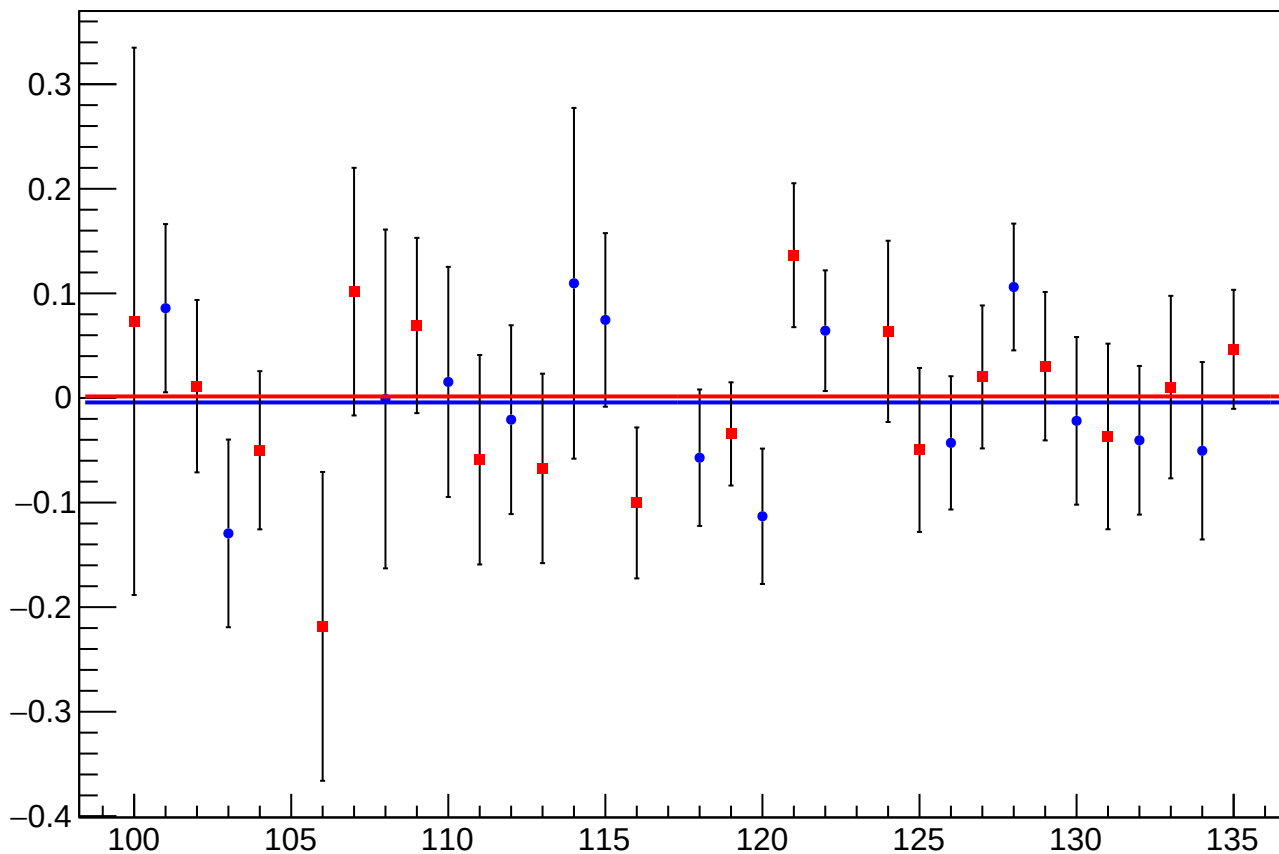
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.022+/-0.010 χ^2/NDF : 1428710.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.019 χ^2/NDF : 13.5/17

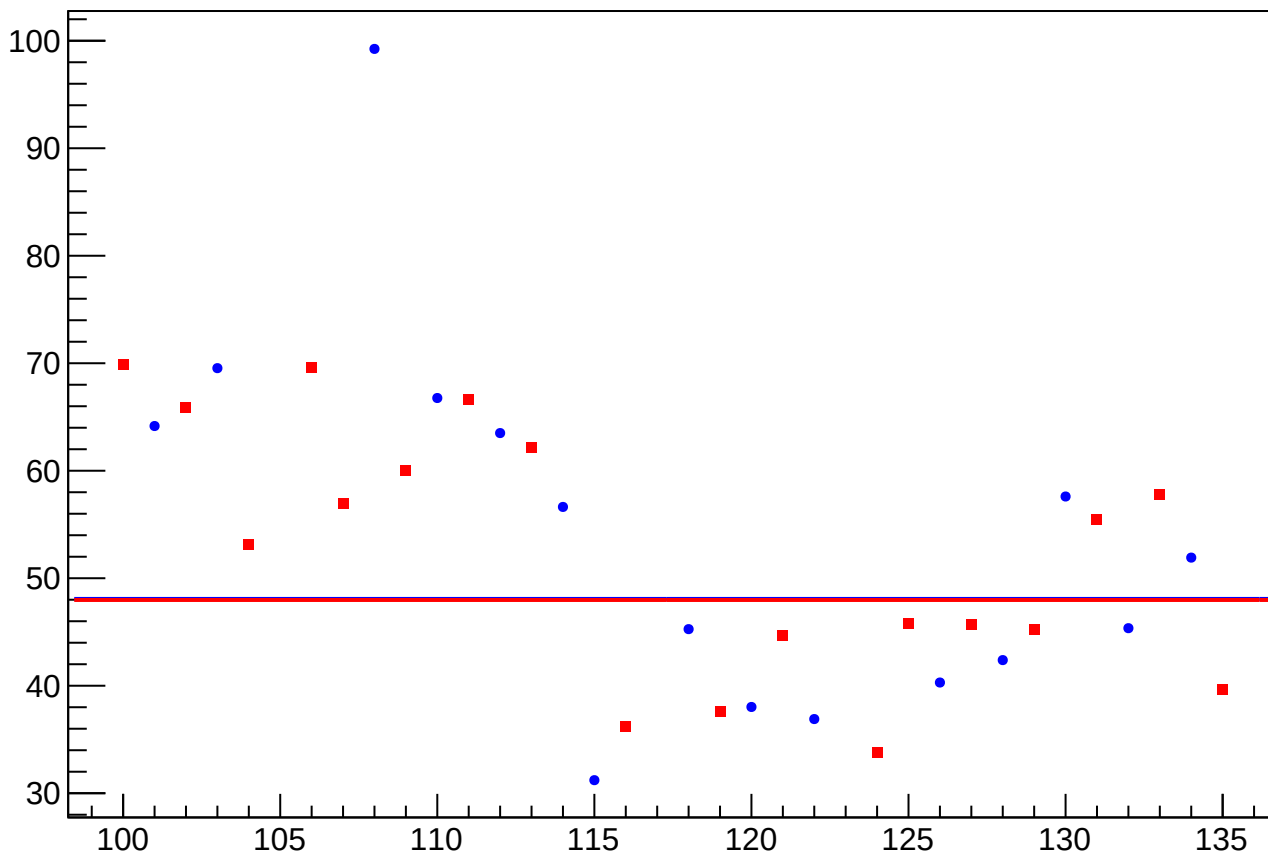
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 27.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.073+/-0.014 χ^2/NDF : 807715.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 47.979+/-0.013 χ^2/NDF : 620971.2/17

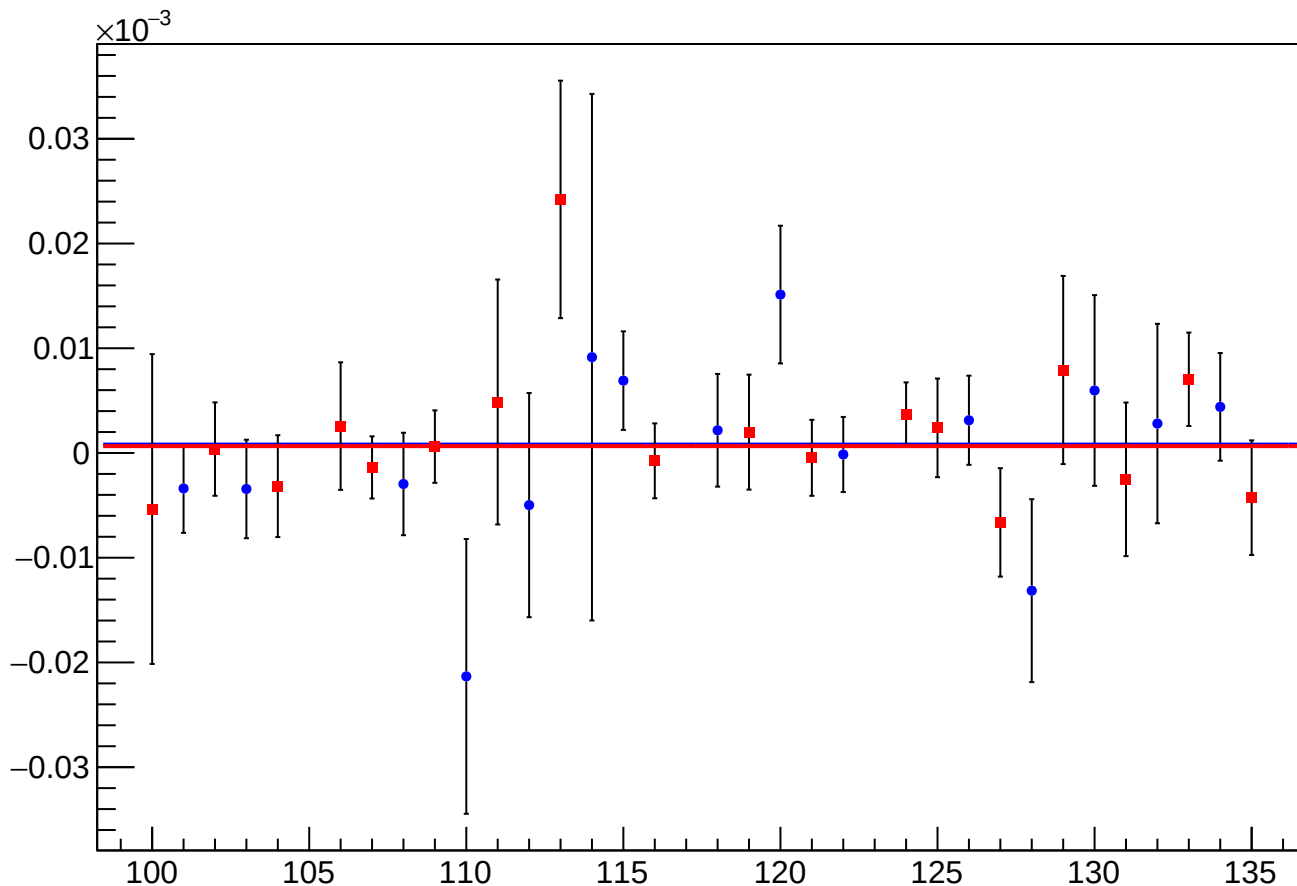
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 48.022+/-0.010 χ^2/NDF : 1428710.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.9/17

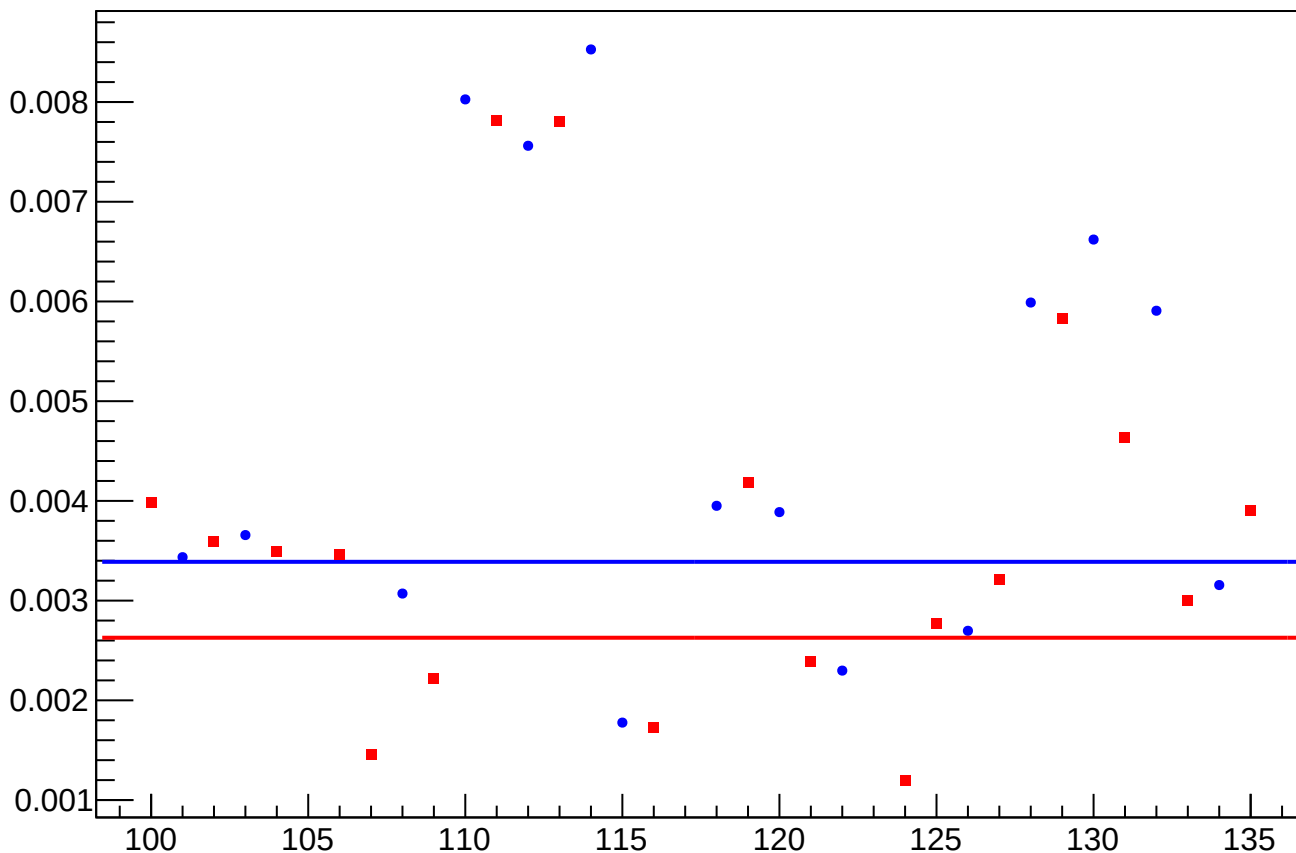
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1732281.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2653526.8/17

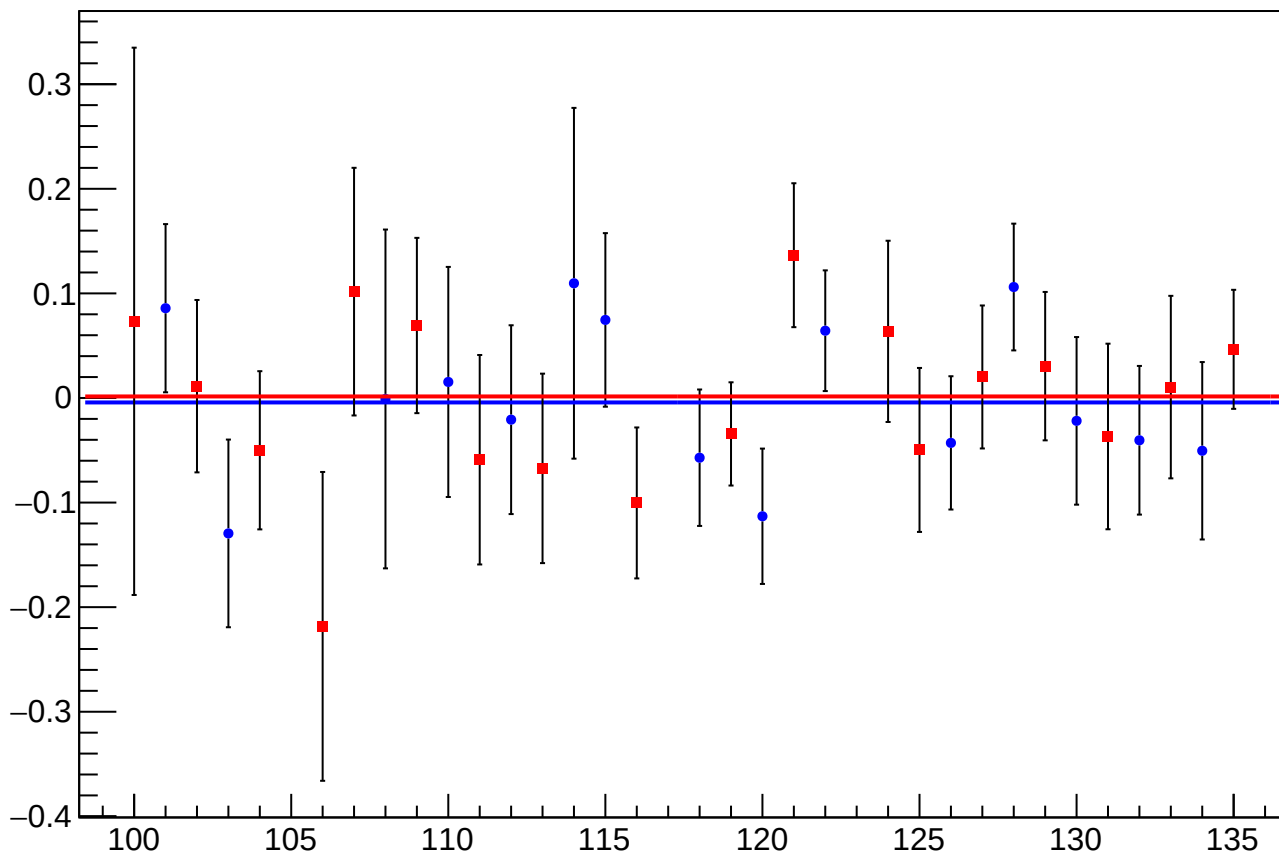
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4732819.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.004 ± 0.020 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.001 ± 0.019 χ^2/NDF : 13.5/17

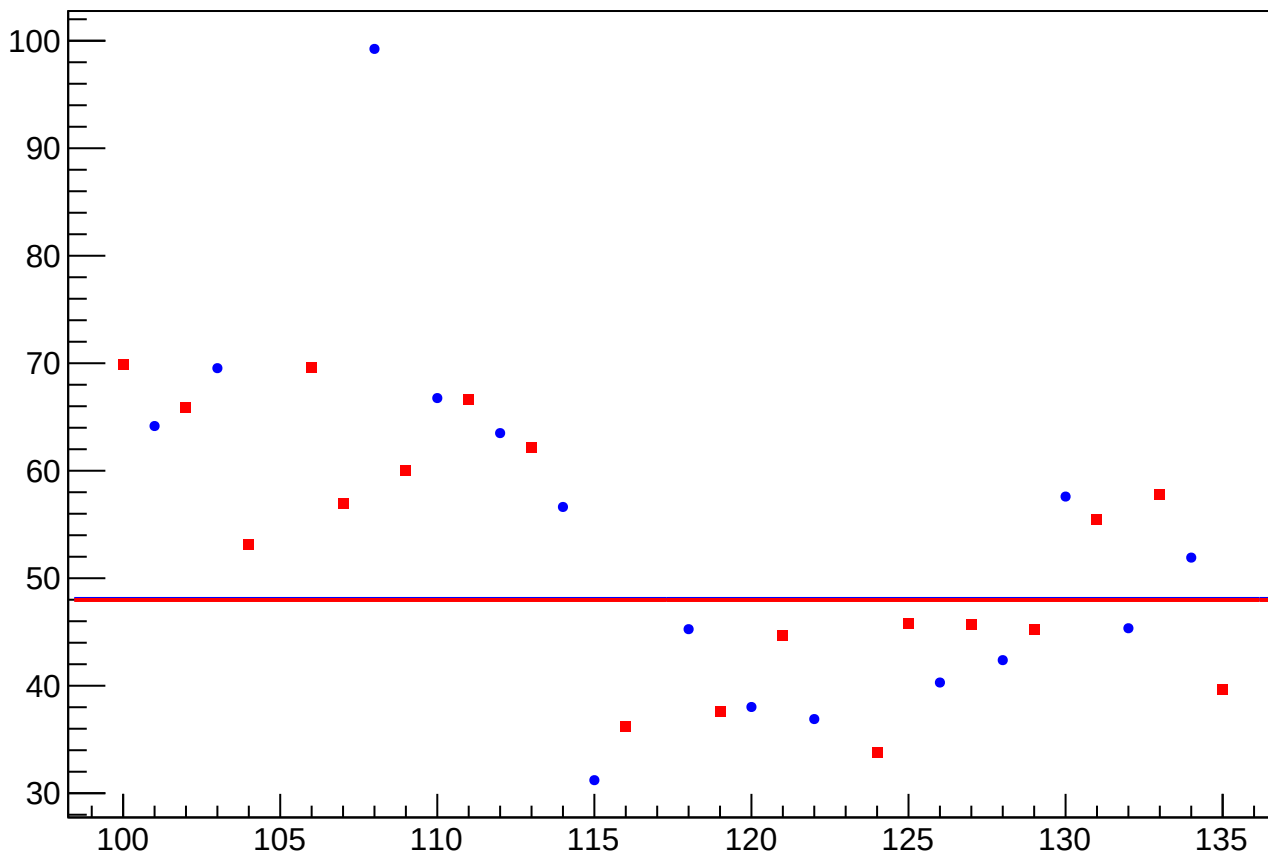
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.001 ± 0.014 χ^2/NDF : 27.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 48.071 $\pm$ 0.014 χ^2 /NDF: 807709.3/14

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

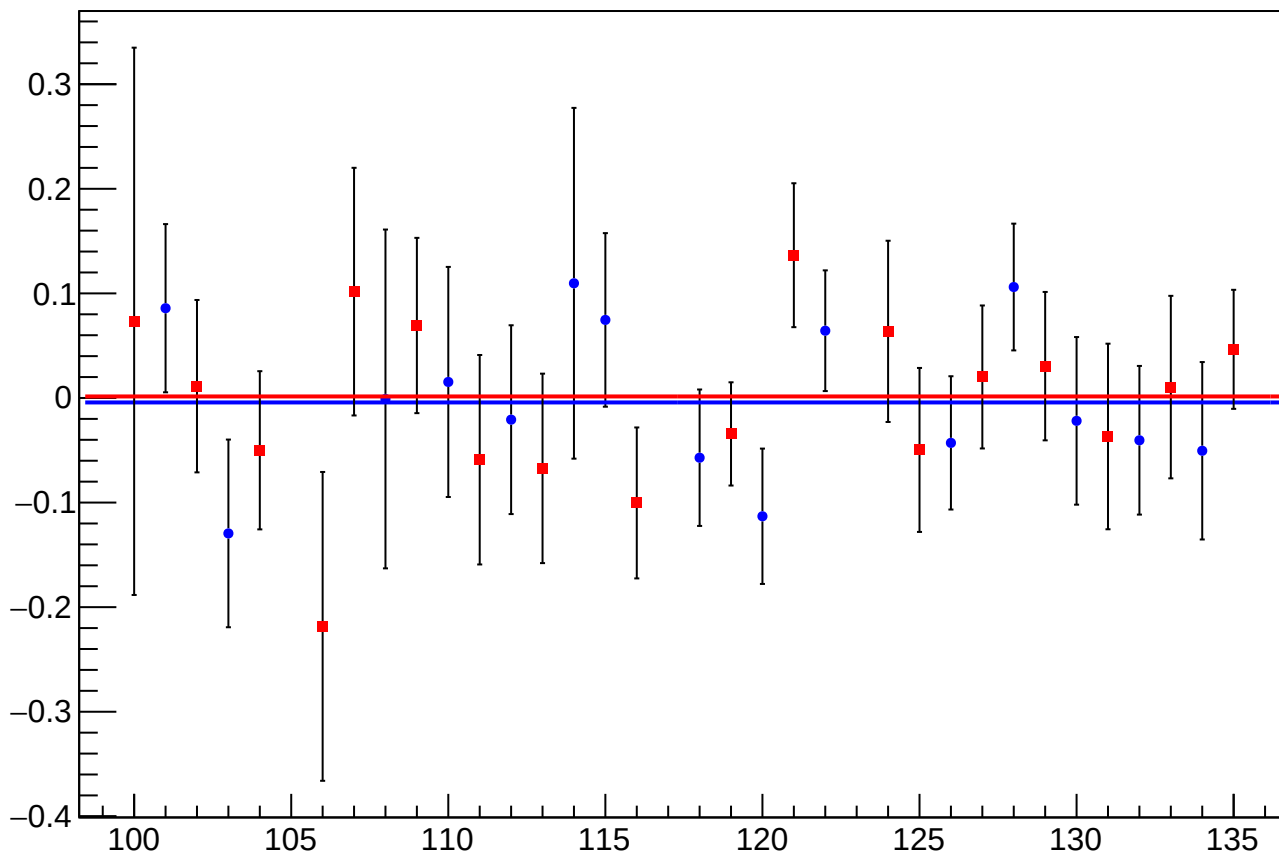
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.021 $\pm$ 0.010 χ^2 /NDF: 1428700.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.004 $\pm$ 0.020 χ^2 /NDF: 13.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.001 $\pm$ 0.019 χ^2 /NDF: 13.5/17

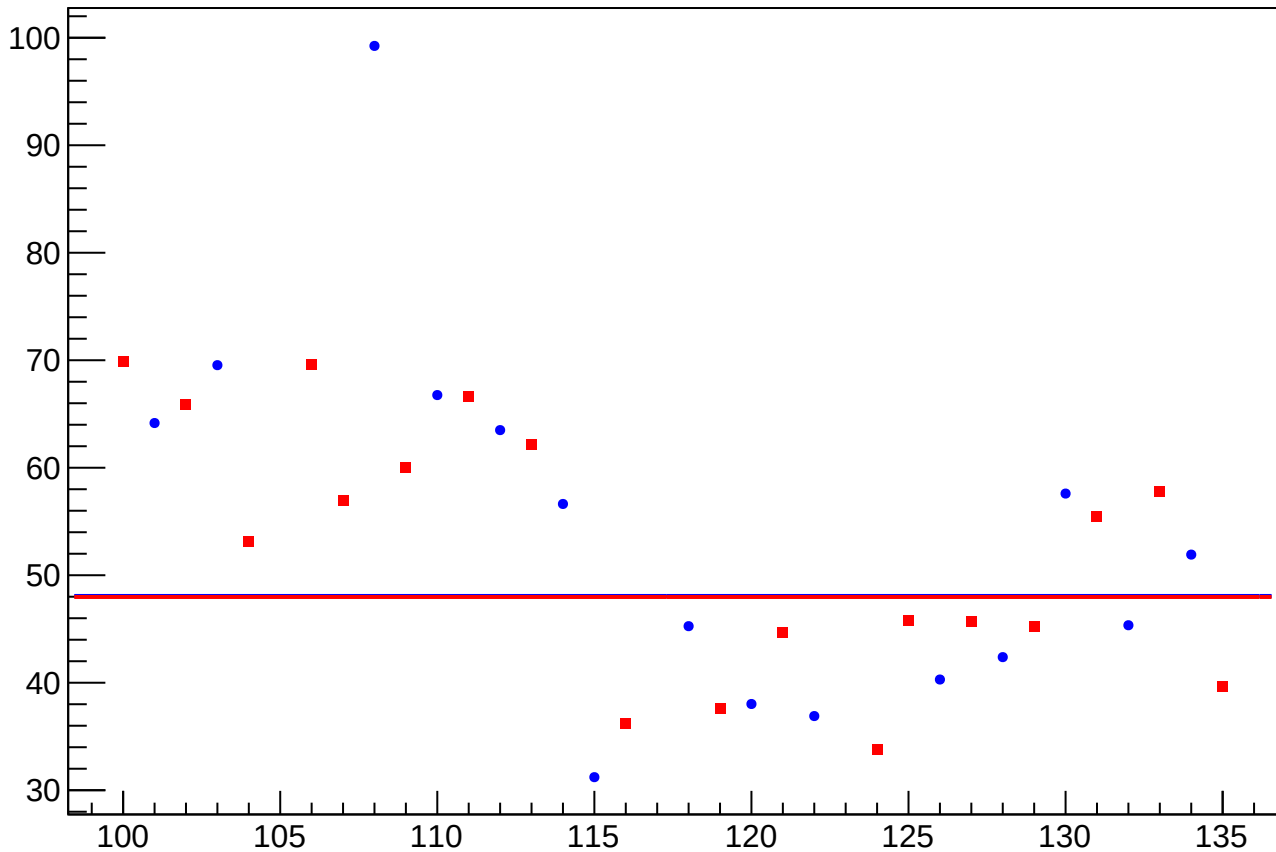
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.001 $\pm$ 0.014 χ^2 /NDF: 27.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 48.071 $\pm$ 0.014 χ^2 /NDF: 807709.3/14

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

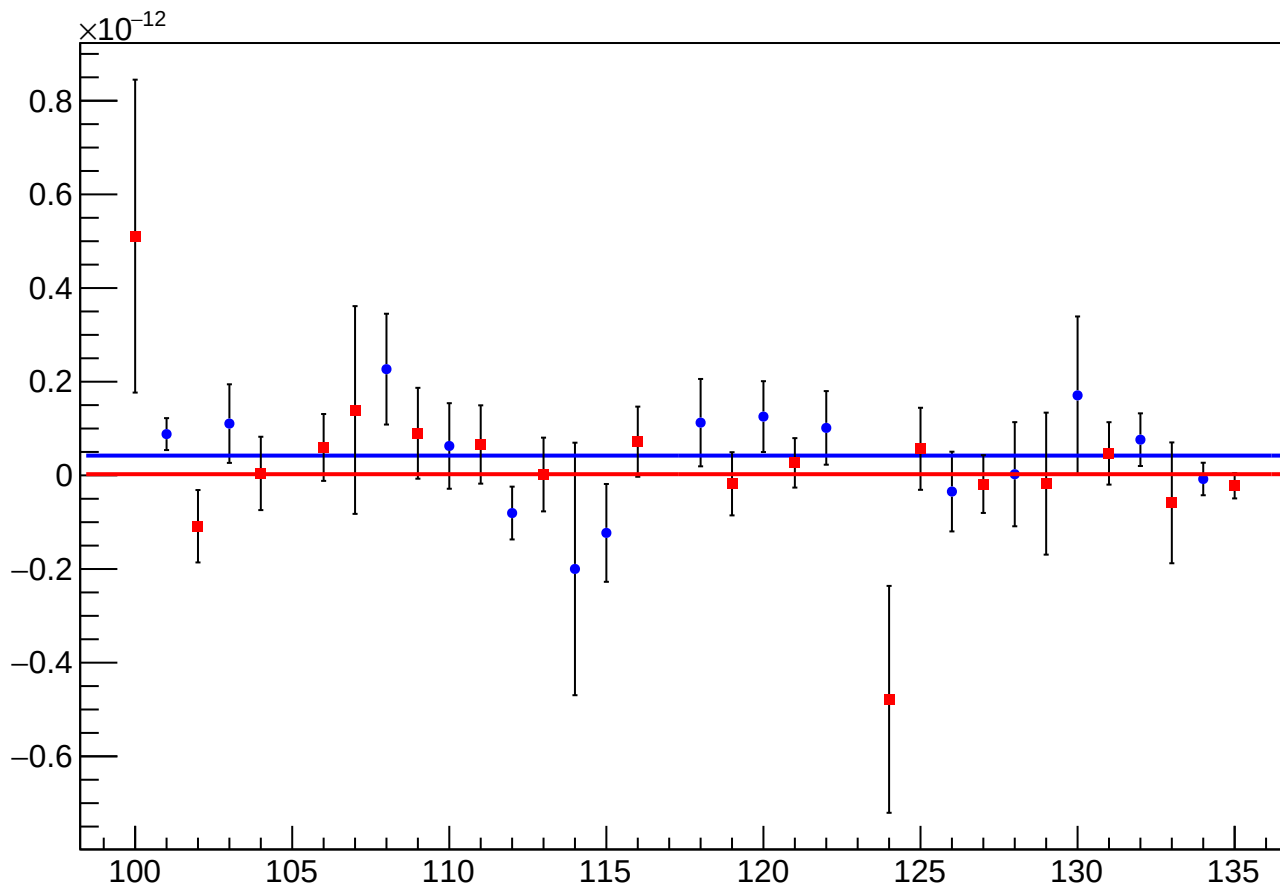
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 48.021 $\pm$ 0.010 χ^2 /NDF: 1428700.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 19.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.9/17

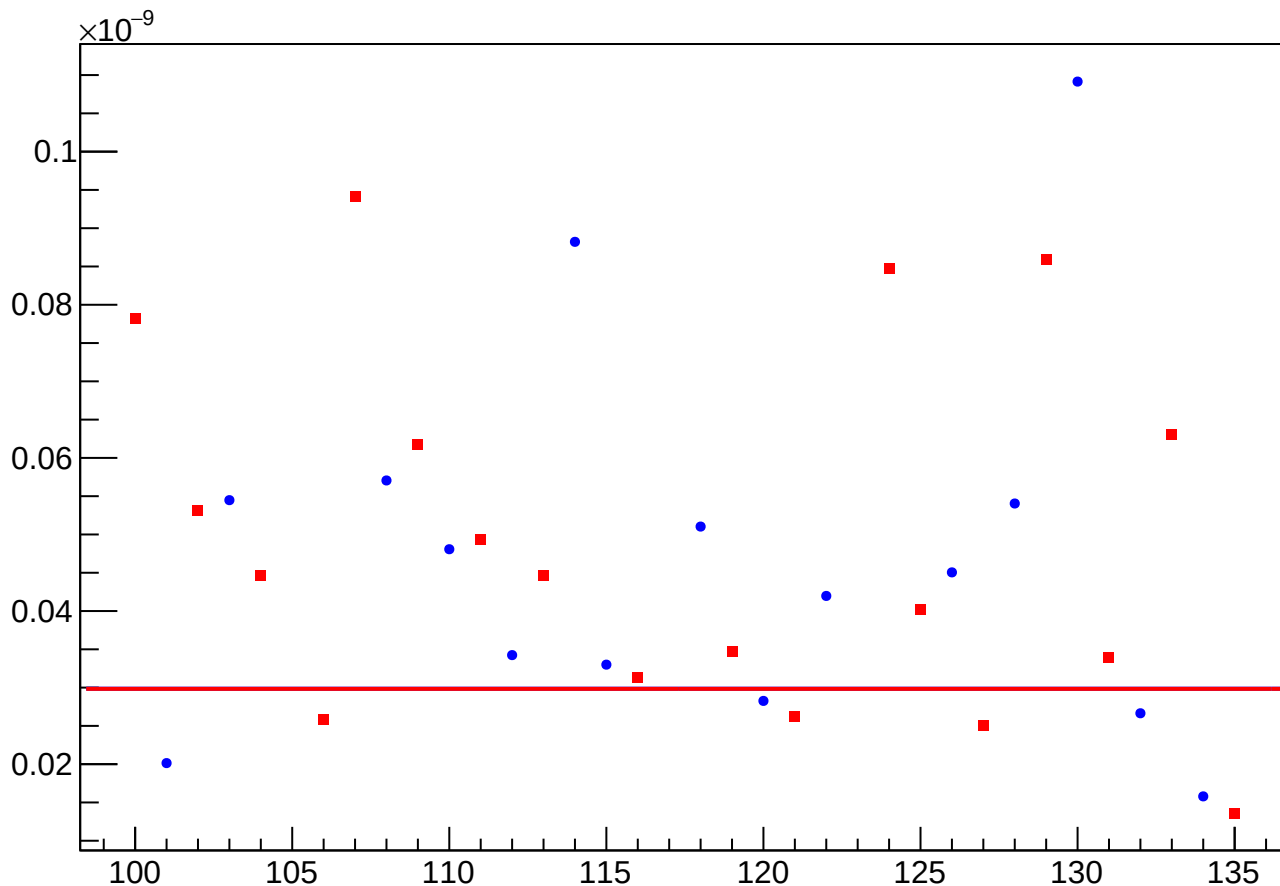
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_24_68_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1715051.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2169569.4/17

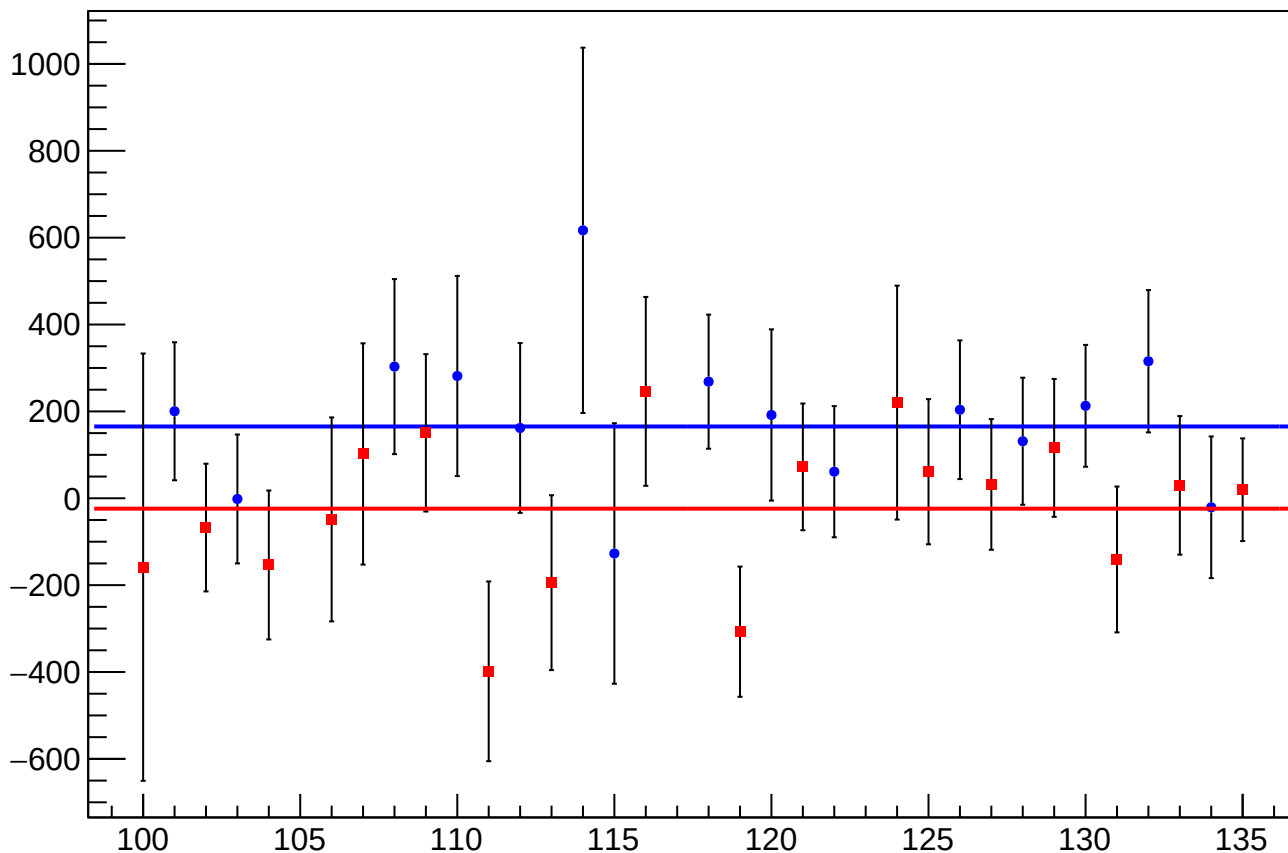
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3884622.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_mean vs Slug



Right In: 165.269 $\pm$ 44.966 χ^2 /NDF: 7.4/14

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

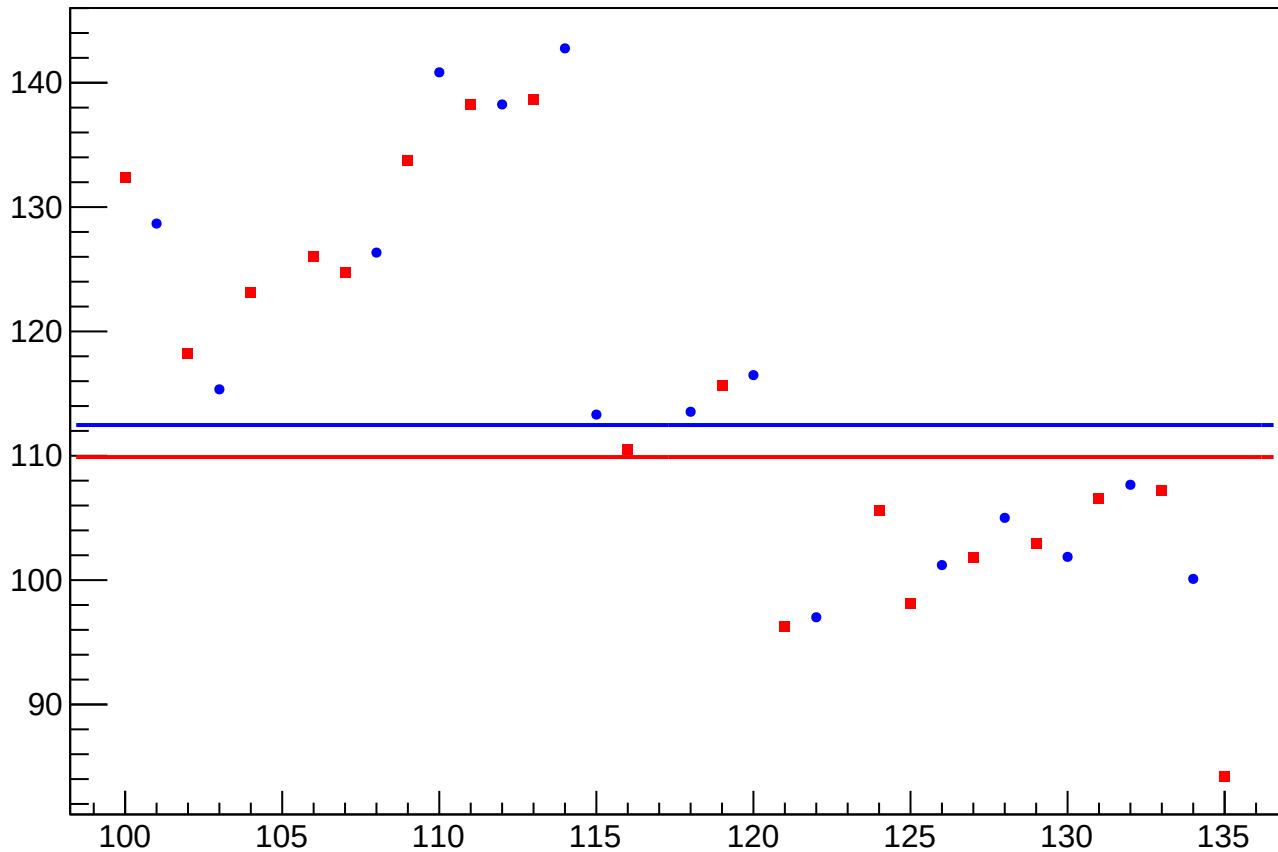
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.435 $\pm$ 30.379 χ^2 /NDF: 31.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_rms vs Slug



Right In: 112.472 $\pm$ 0.032 χ^2 /NDF: 168179.2/14

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

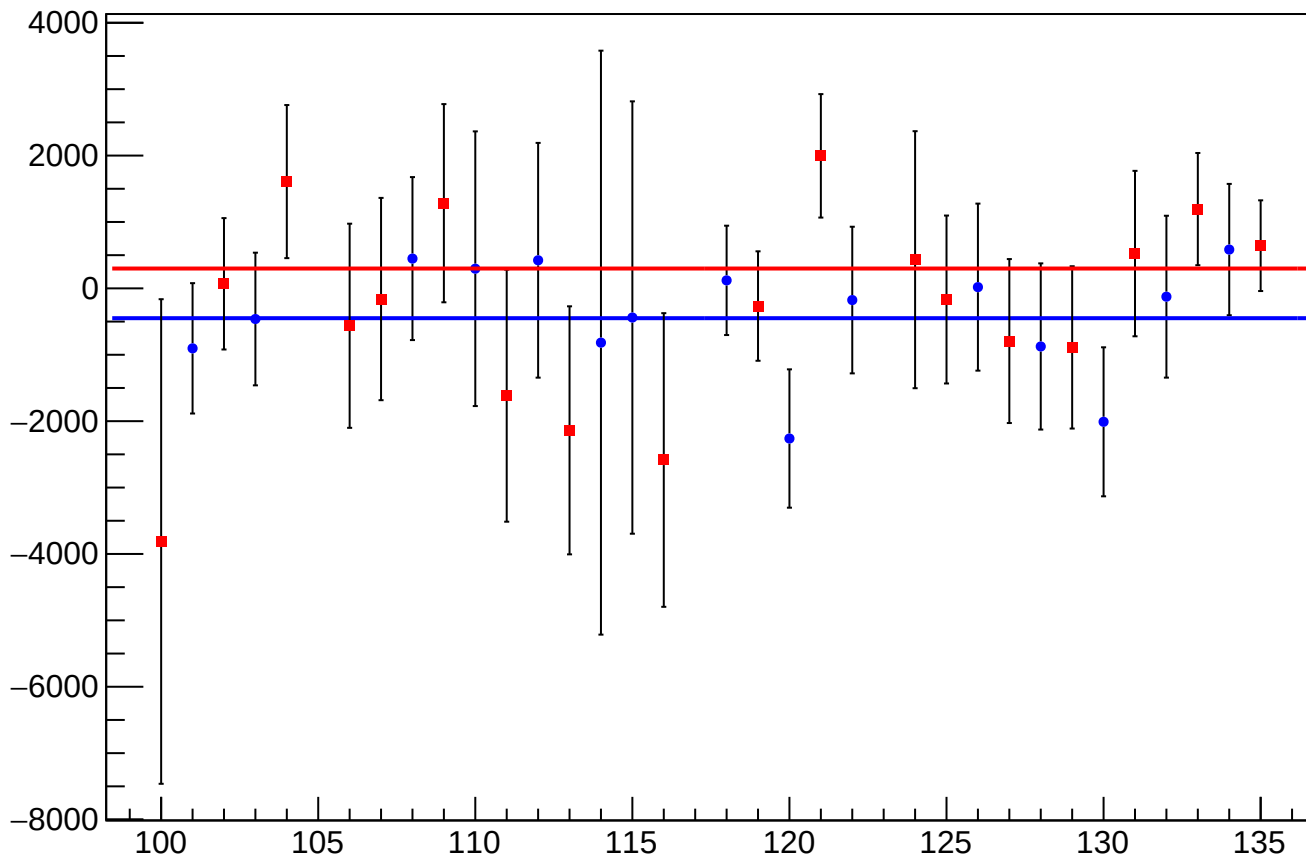
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.073 $\pm$ 0.021 χ^2 /NDF: 459961.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_mean vs Slug



Right In: -449.026 $\pm$ 310.395 χ^2 /NDF: 8.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 298.853 $\pm$ 277.836 χ^2 /NDF: 15.0/17

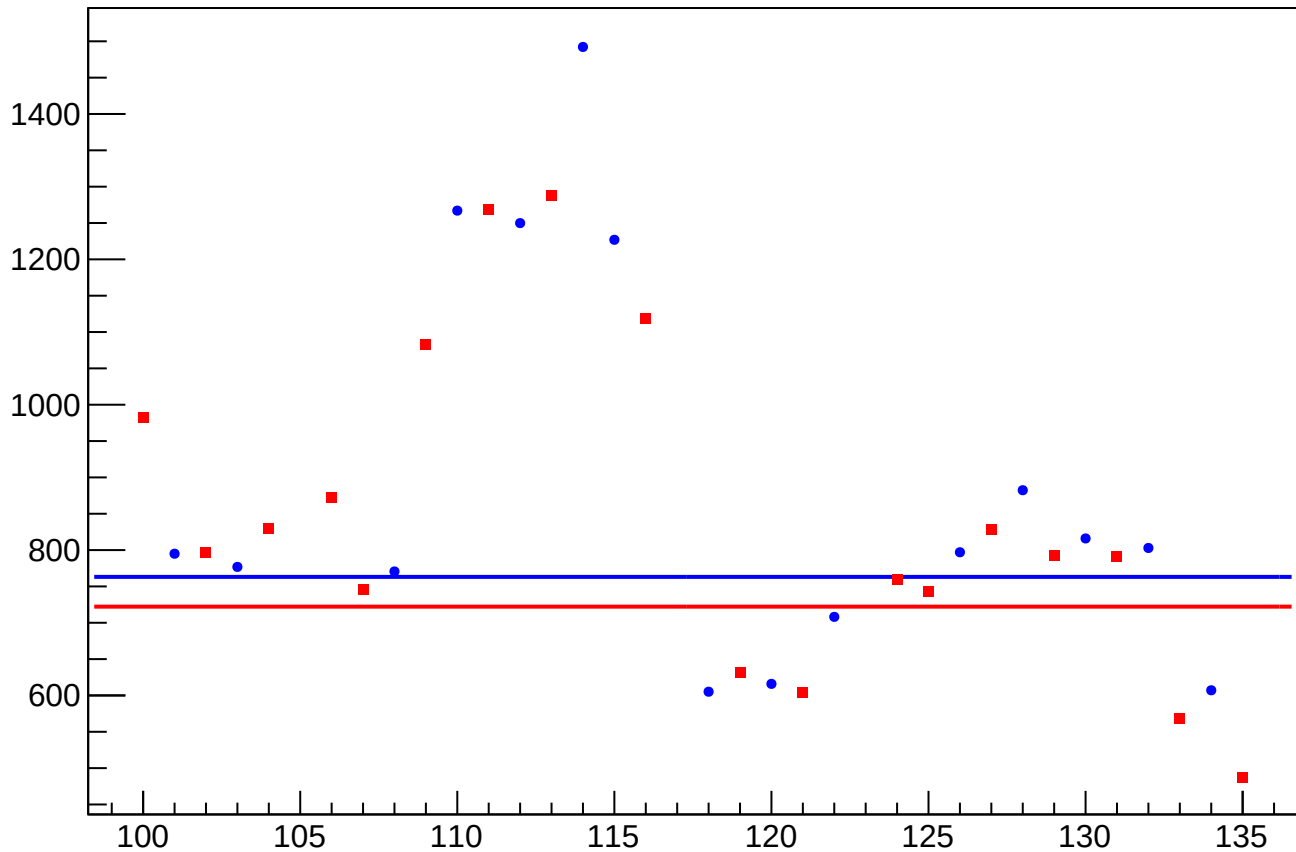
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -33.817 $\pm$ 207.017 χ^2 /NDF: 26.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_correction_rms vs Slug



Right In: 763.117+/-0.219 χ^2/NDF : 562907.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 722.198+/-0.196 χ^2/NDF : 976641.3/17

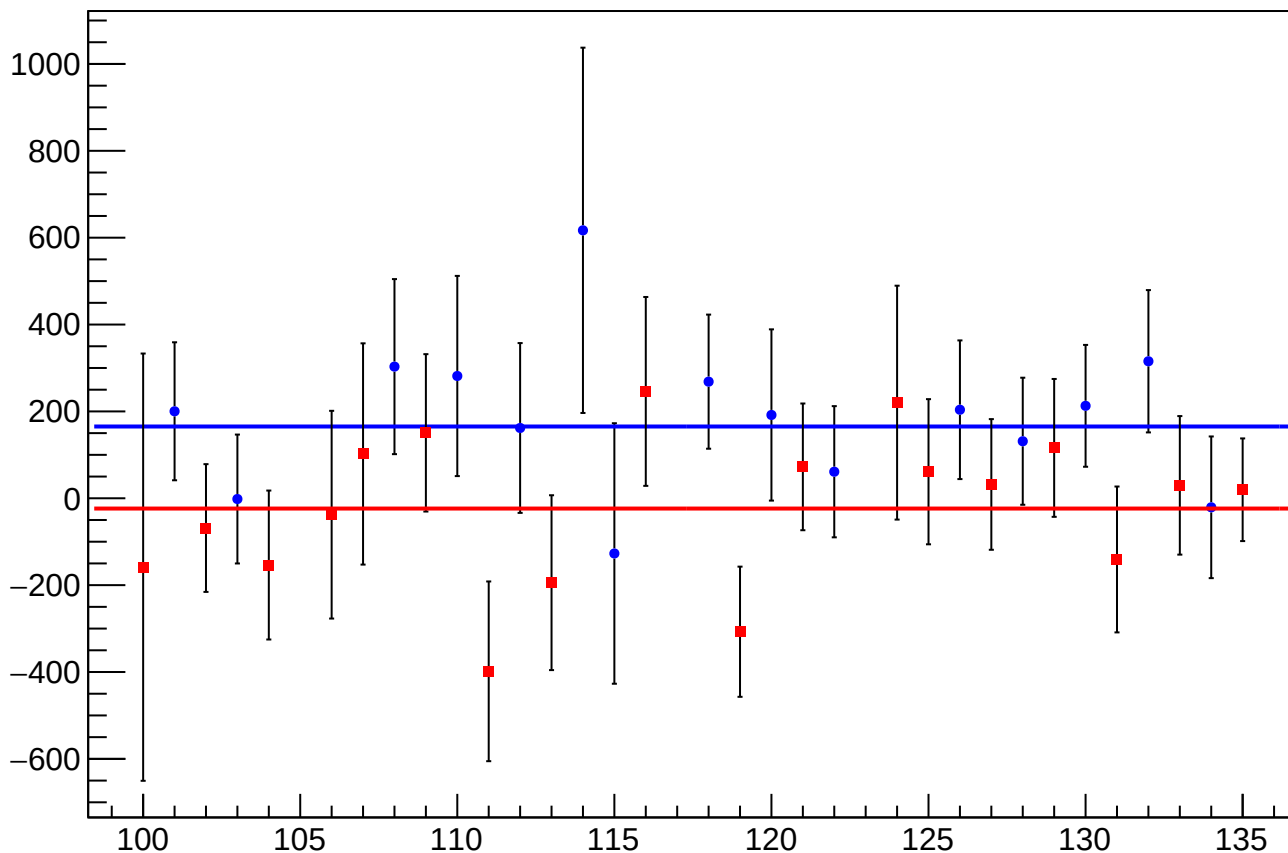
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 740.400+/-0.146 χ^2/NDF : 1558845.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_26_48_dd_mean vs Slug



Right In: 165.260 $\pm$ 44.966 χ^2 /NDF: 7.5/14

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

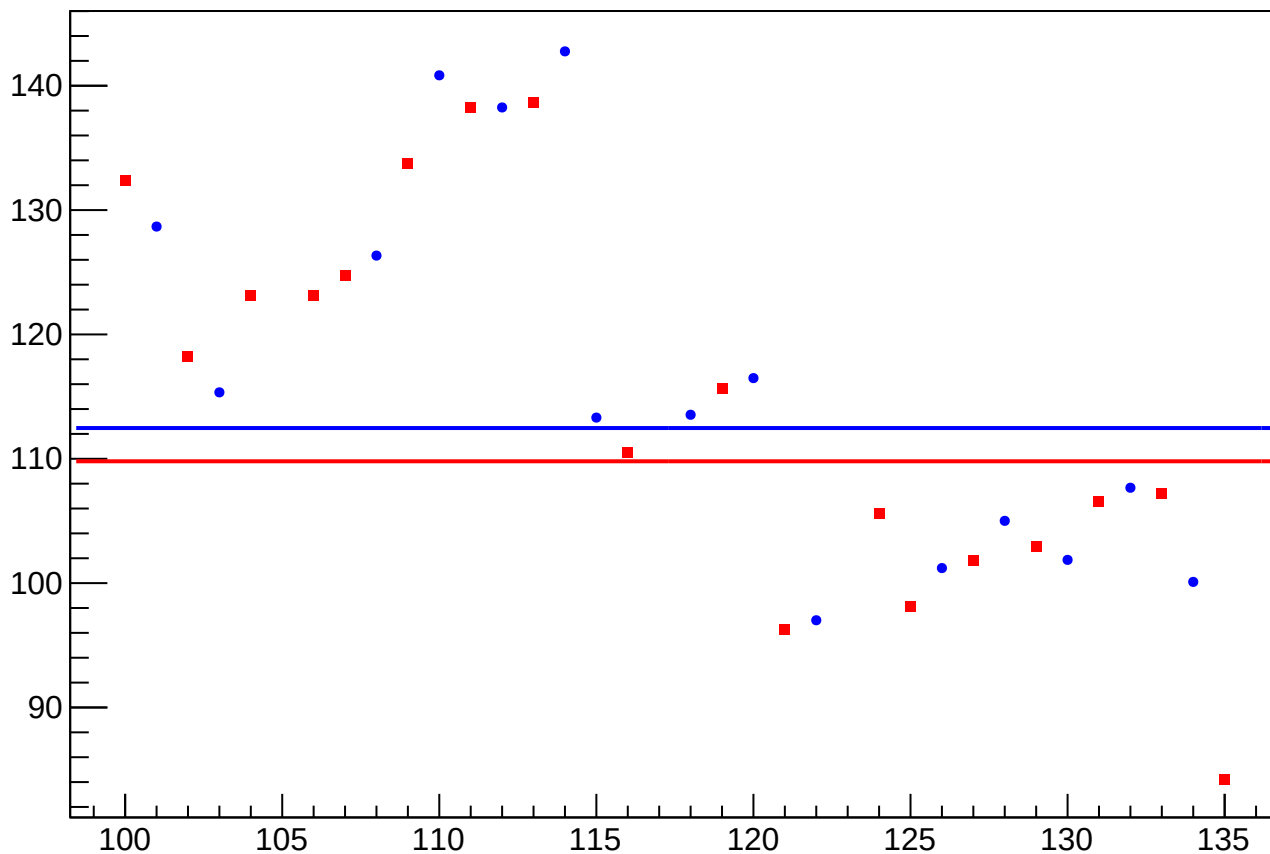
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.630 $\pm$ 30.389 χ^2 /NDF: 31.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_26_48_dd_rms vs Slug



Right In: 112.472 $\pm$ 0.032 χ^2 /NDF: 168179.2/14

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

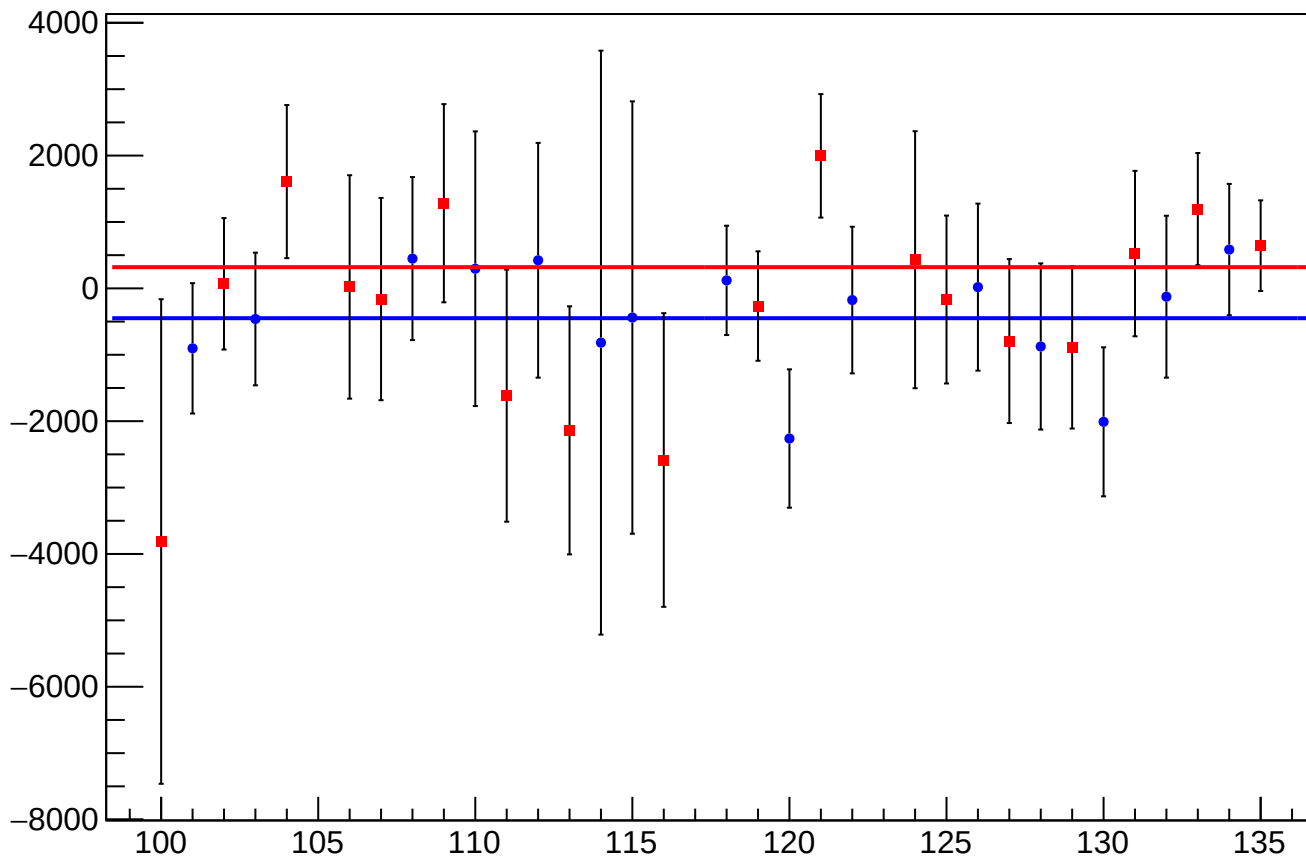
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.020 $\pm$ 0.021 χ^2 /NDF: 457021.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_mean vs Slug



Right In: -449.011 $\pm$ 310.396 χ^2 /NDF: 8.0/14

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

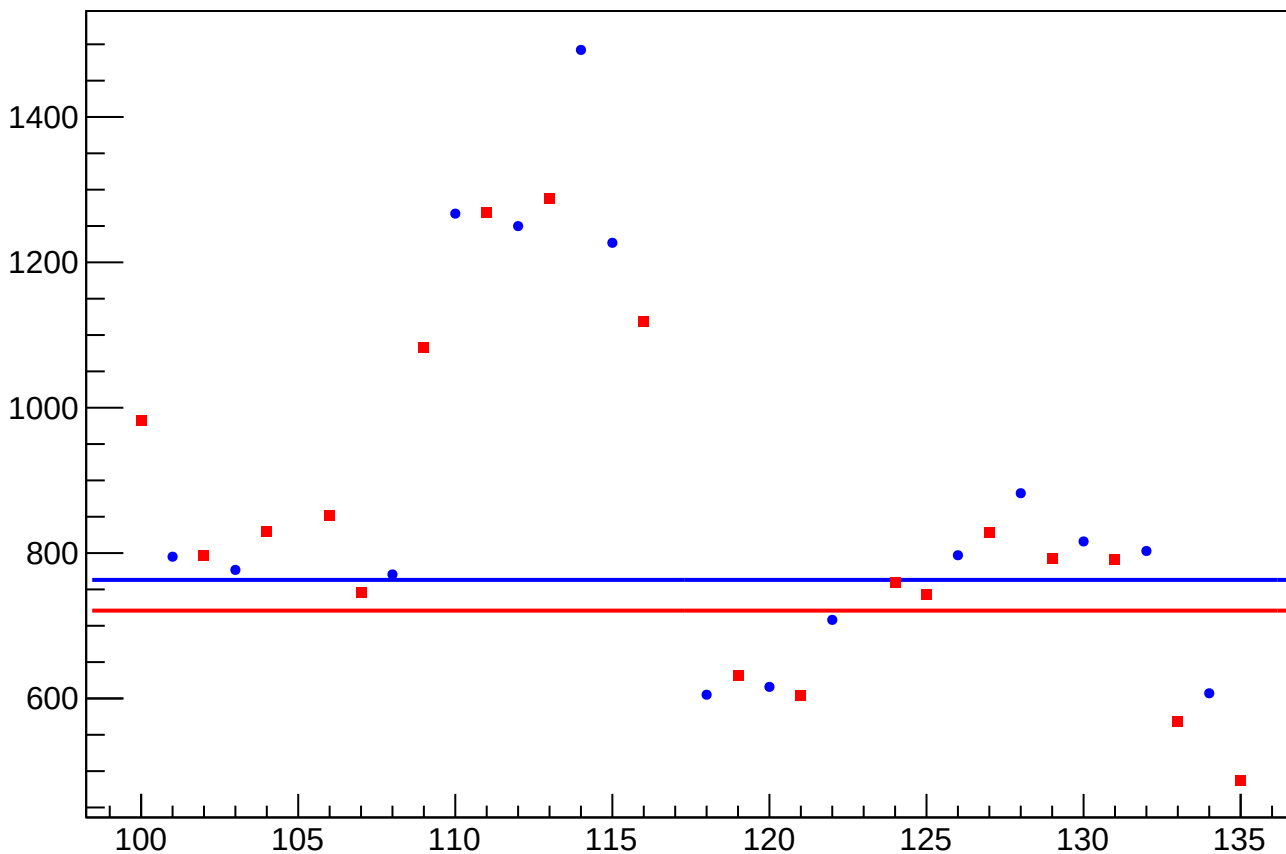
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -23.365 $\pm$ 207.334 χ^2 /NDF: 26.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_cor_correction_rms vs Slug



Right In: 763.118+/-0.219 χ^2/NDF : 562914.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 720.842+/-0.197 χ^2/NDF : 969433.7/17

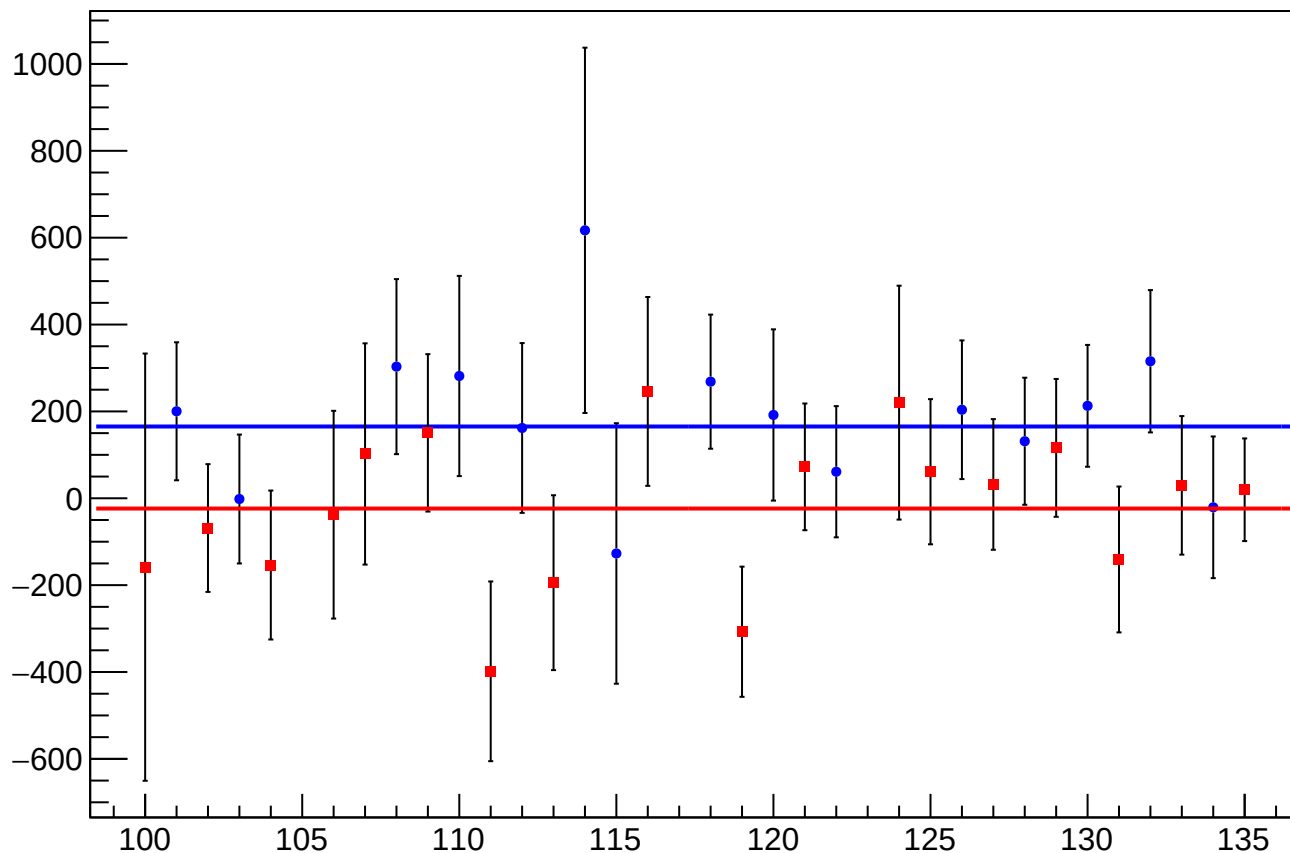
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 739.705+/-0.147 χ^2/NDF : 1552895.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_26_48_dd_mean vs Slug



Right In: 165.260 $\pm$ 44.966 χ^2 /NDF: 7.5/14

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

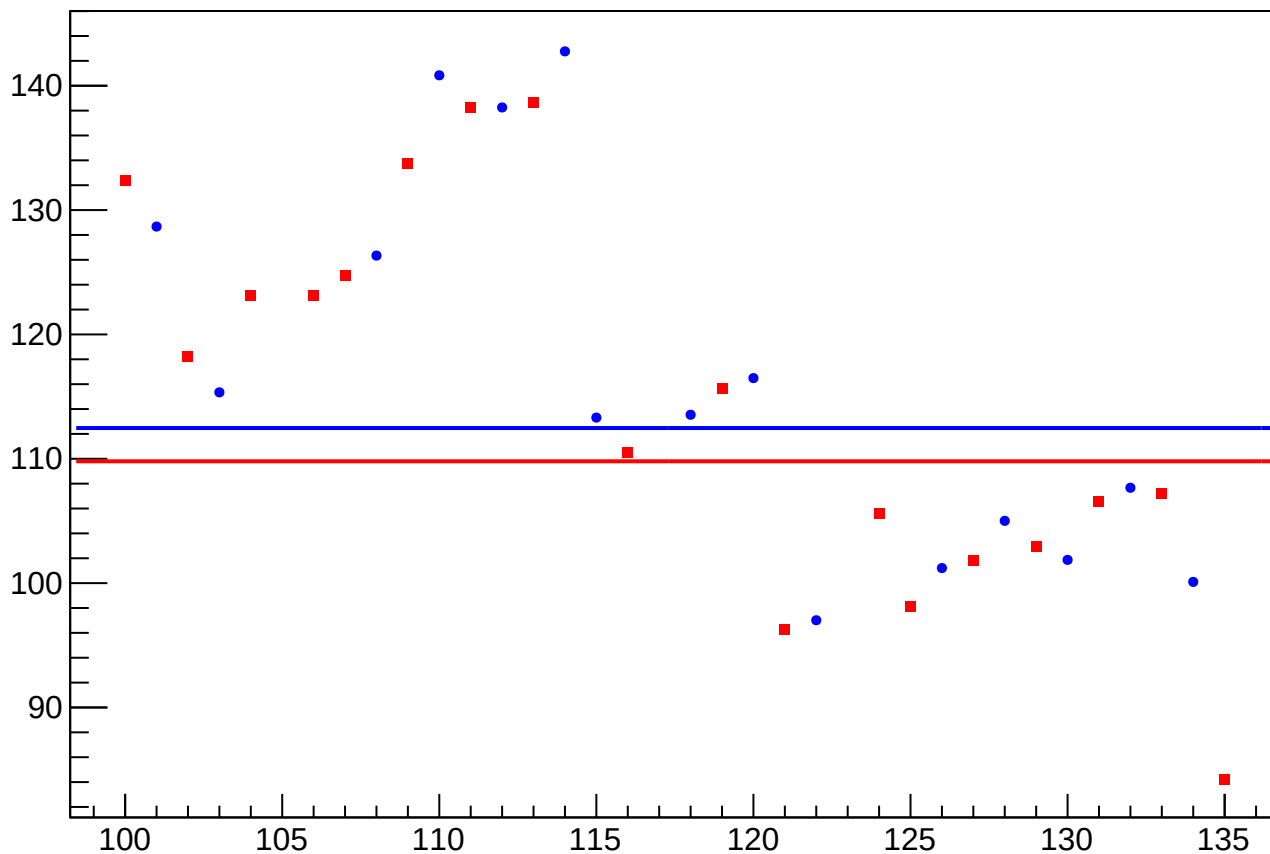
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 62.630 $\pm$ 30.389 χ^2 /NDF: 31.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_26_48_dd_rms vs Slug



Right In: 112.472 $\pm$ 0.032 χ^2 /NDF: 168179.2/14

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

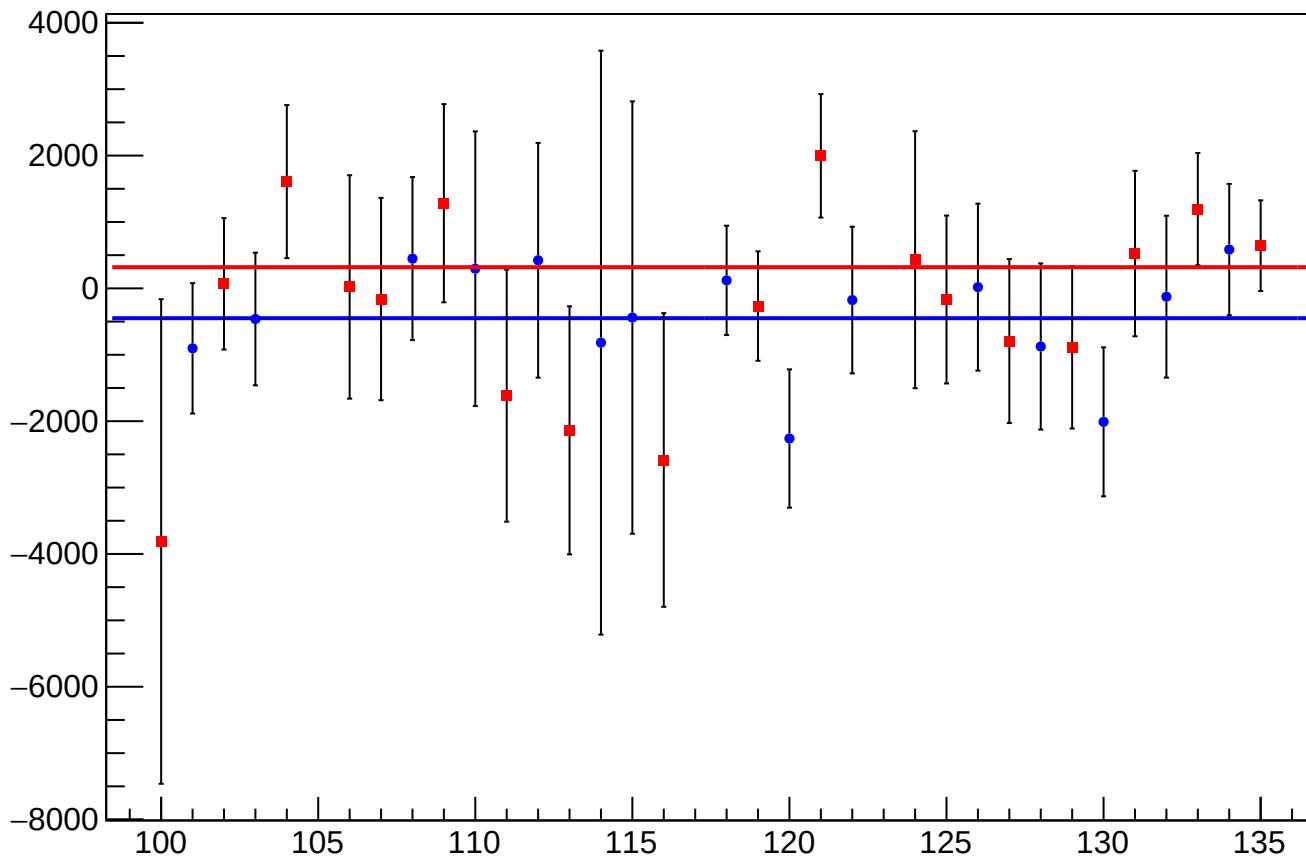
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.020 $\pm$ 0.021 χ^2 /NDF: 457021.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_mean vs Slug



Right In: -449.011+/-310.396 χ^2/NDF : 8.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 319.551+/-278.602 χ^2/NDF : 14.7/17

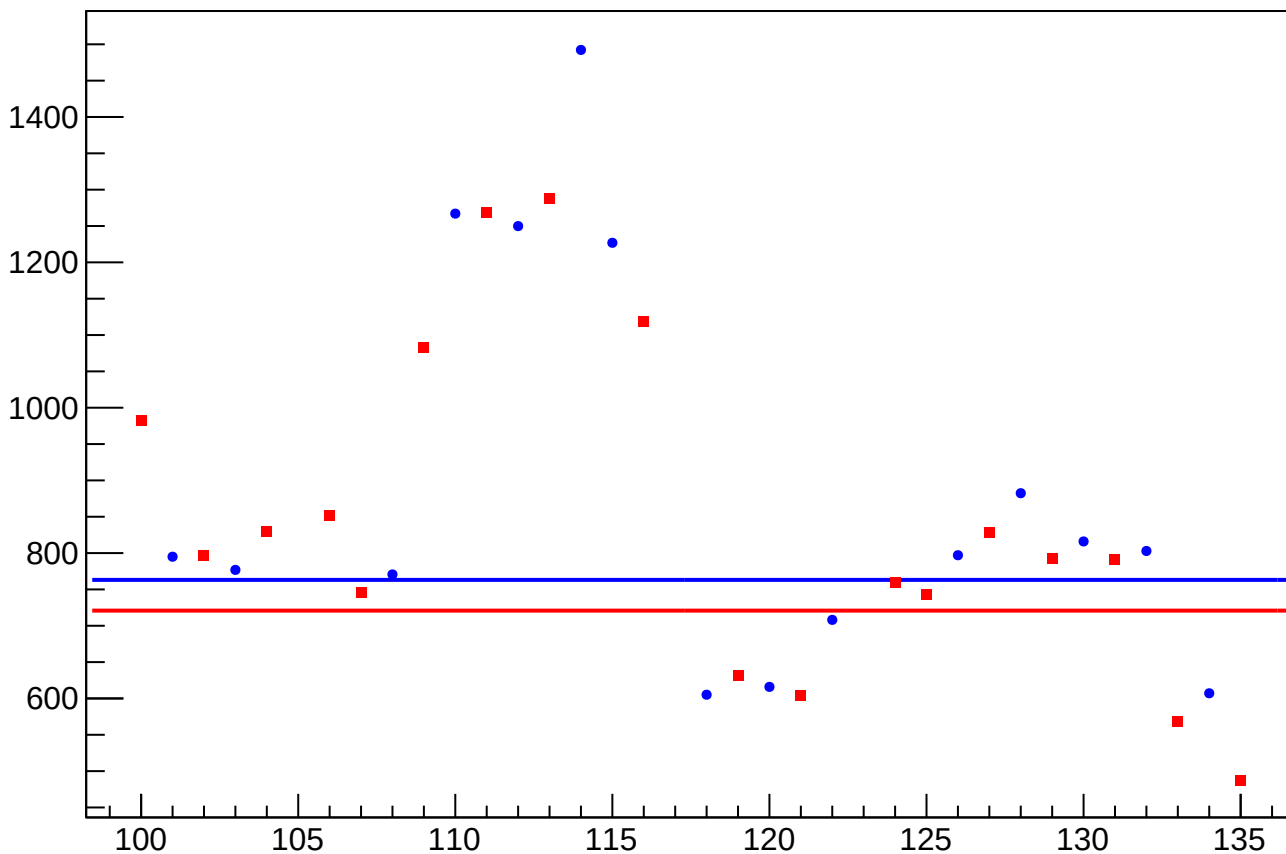
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -23.365+/-207.334 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_correction_rms vs Slug



Right In: 763.118 ± 0.219 $\chi^2/\text{NDF}: 562914.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 720.842 ± 0.197 $\chi^2/\text{NDF}: 969433.7/17$

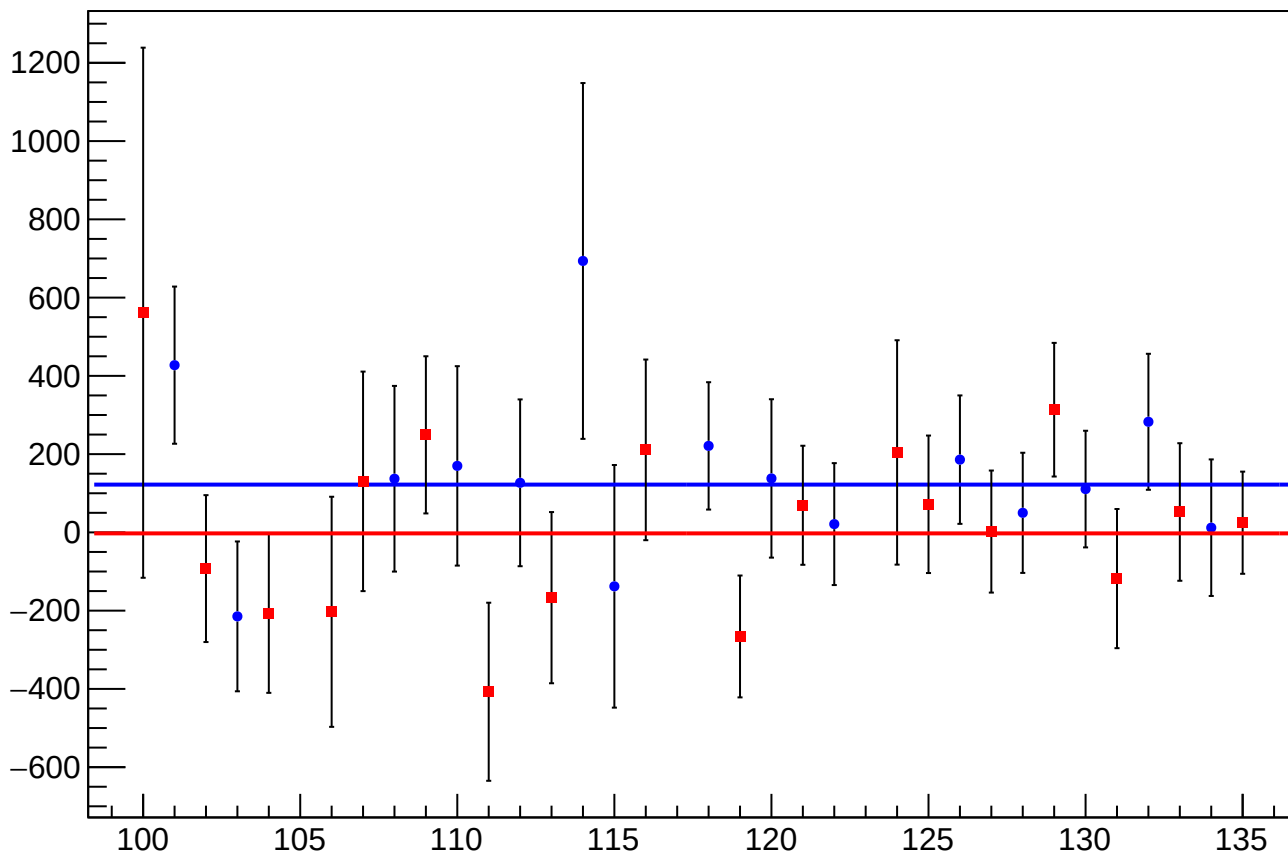
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 739.705 ± 0.147 $\chi^2/\text{NDF}: 1552895.2/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

dit_asym_sam_26_48_dd_mean vs Slug



Right In: 122.120 $\pm$ 49.006 χ^2 /NDF: 10.2/14

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

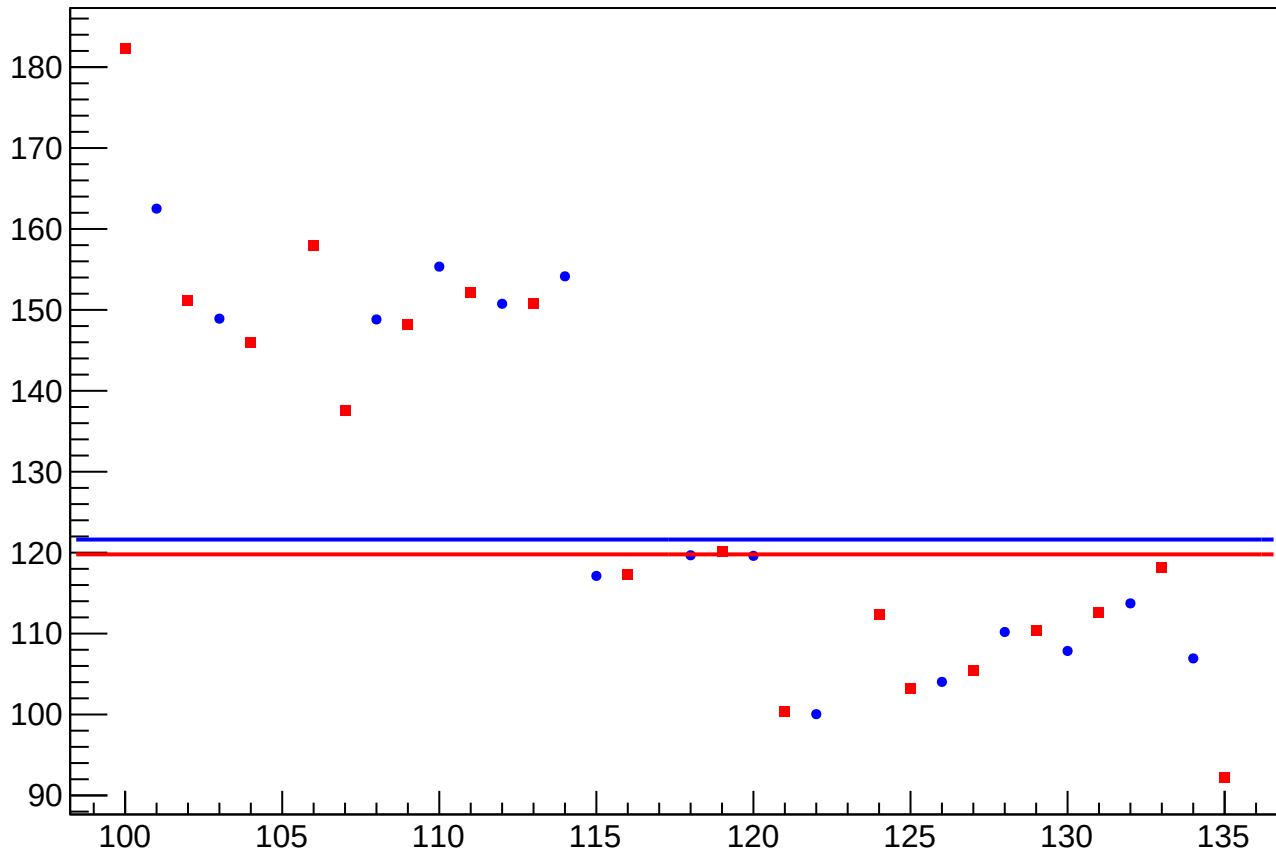
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.736 $\pm$ 33.217 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_26_48_dd_rms vs Slug



Right In: 121.620 $\pm$ 0.035 χ^2 /NDF: 341147.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.786 $\pm$ 0.032 χ^2 /NDF: 435937.6/17

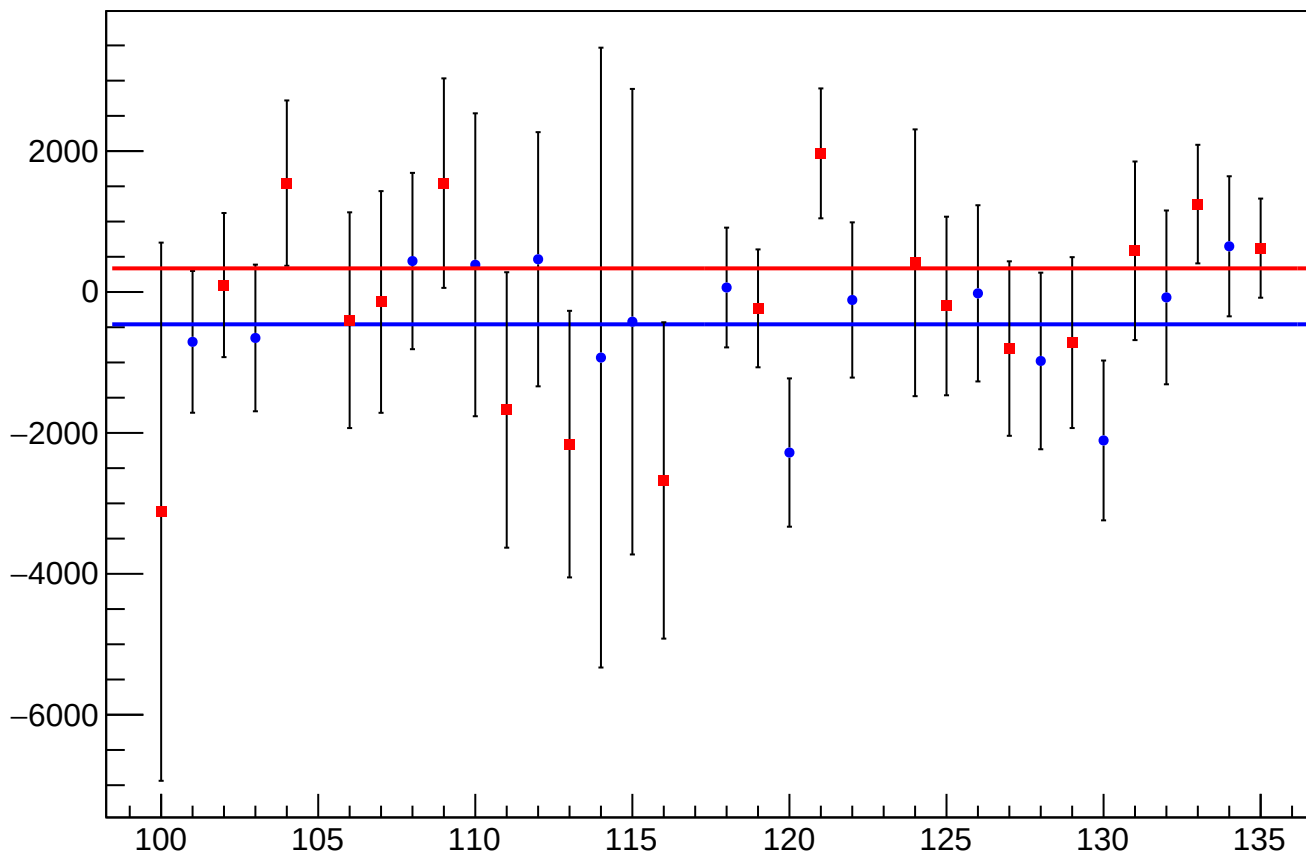
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.629 $\pm$ 0.023 χ^2 /NDF: 778598.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_correction_mean vs Slug



Right In: -458.569+/-315.433 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.582+/-280.968 χ^2/NDF : 14.3/17

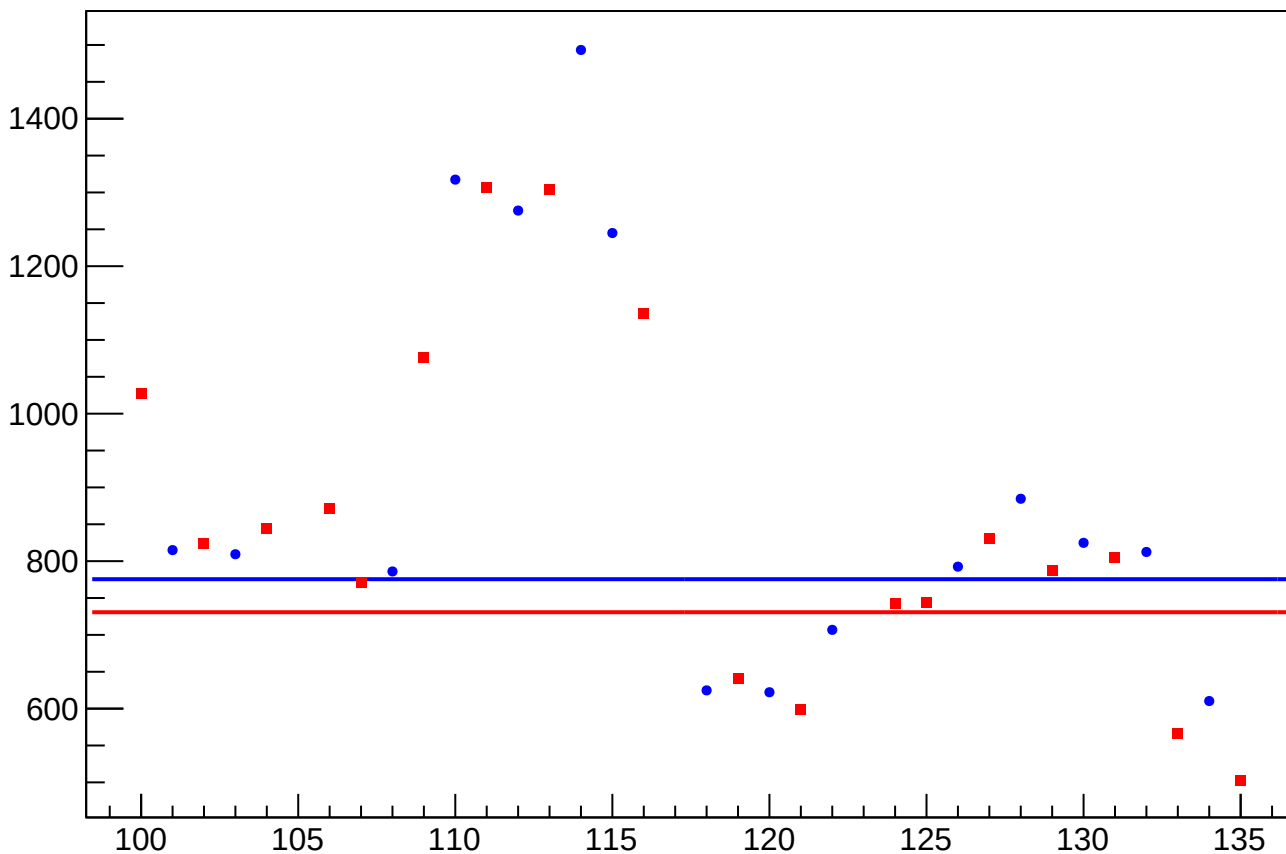
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.754+/-209.805 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_correction_rms vs Slug



Right In: 775.521+/-0.223 χ^2/NDF : 569086.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 730.744+/-0.199 χ^2/NDF : 970882.0/17

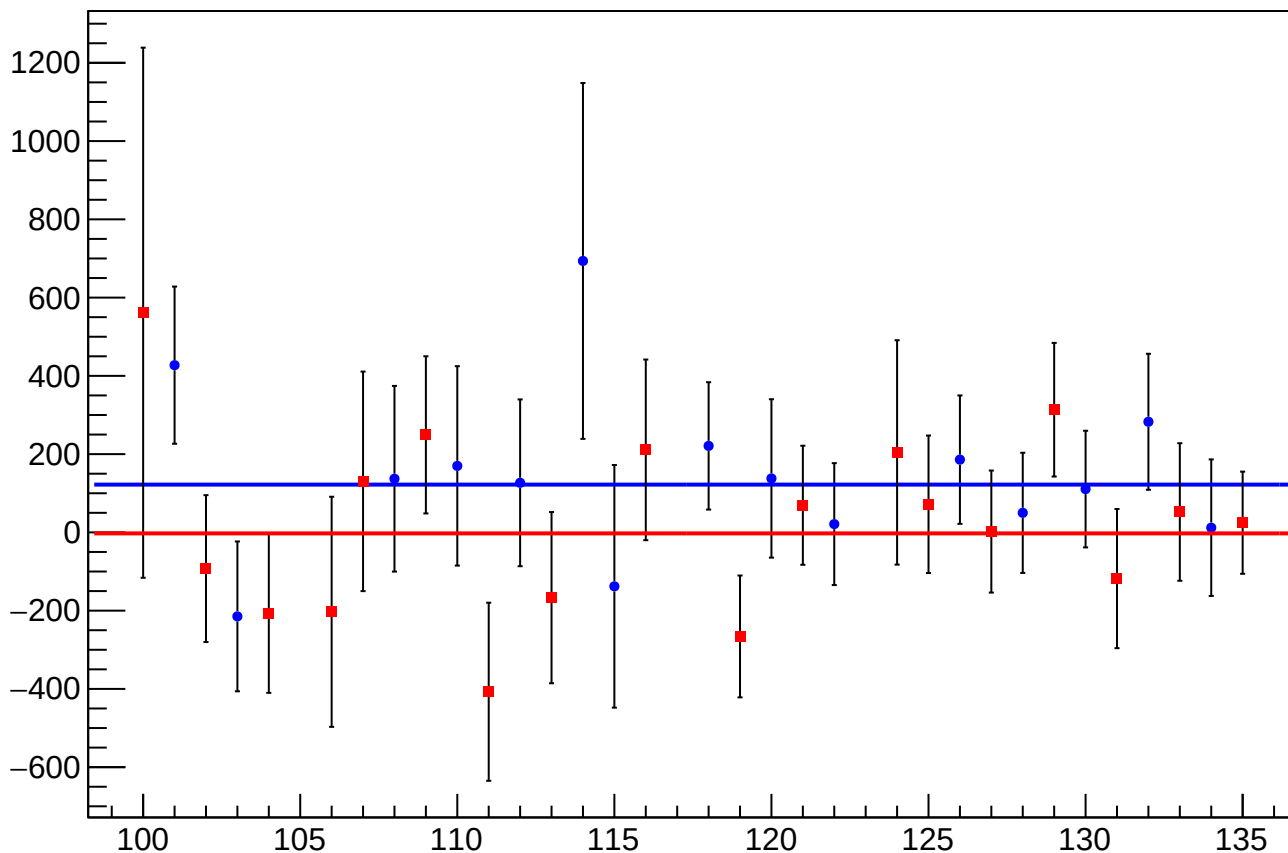
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.554+/-0.148 χ^2/NDF : 1562440.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_26_48_dd_mean vs Slug



Right In: 122.119 $\pm$ 49.006 χ^2 /NDF: 10.2/14

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

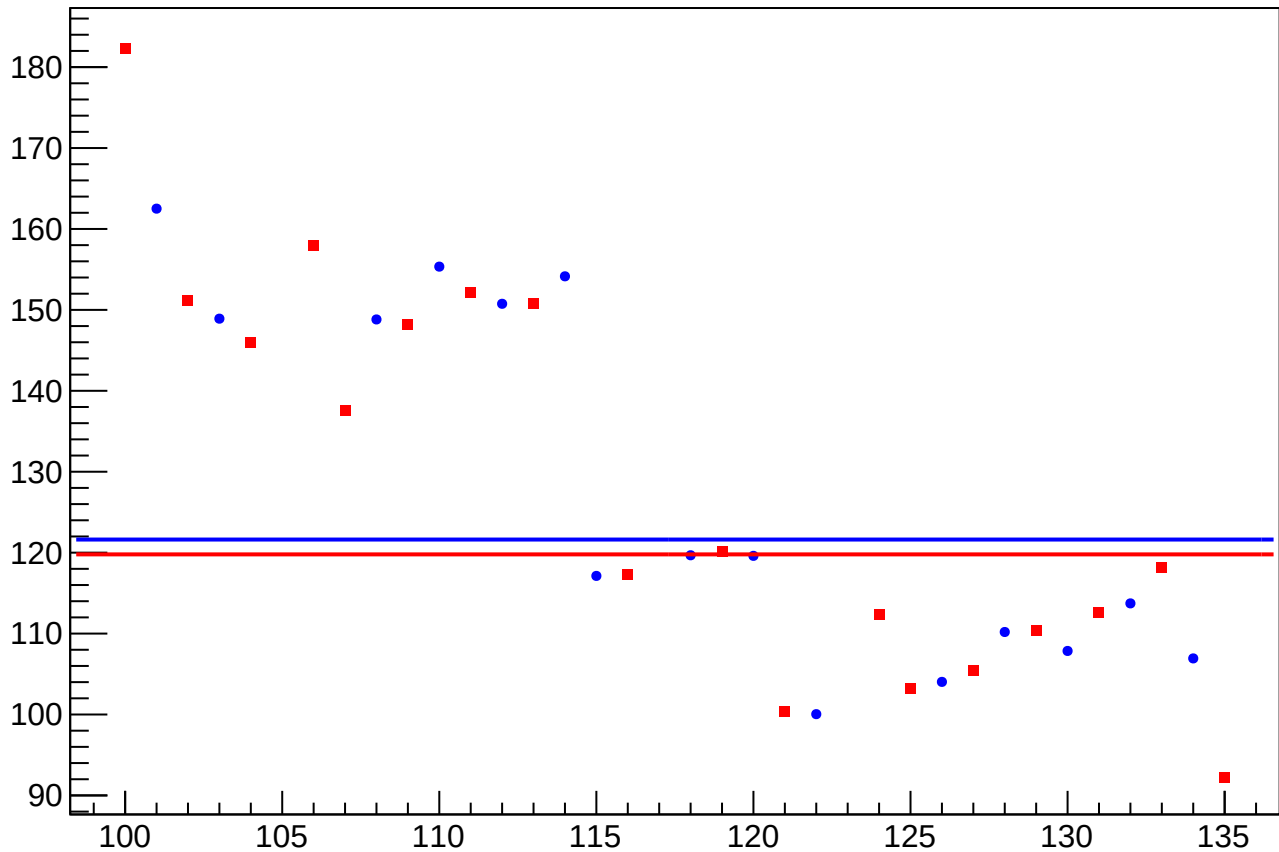
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 54.736 $\pm$ 33.217 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_26_48_dd_rms vs Slug



Right In: 121.620 $\pm$ 0.035 χ^2 /NDF: 341137.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 119.786 $\pm$ 0.032 χ^2 /NDF: 435933.8/17

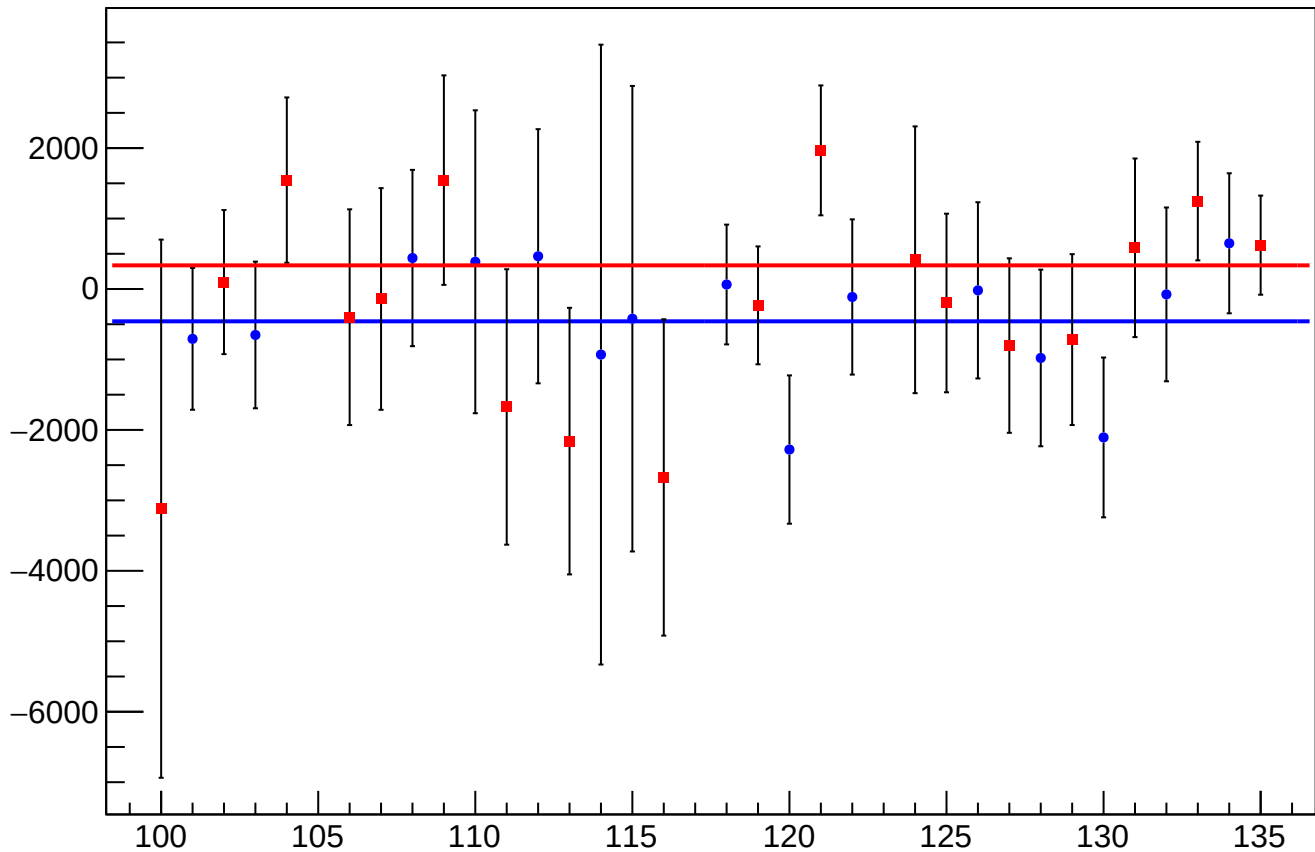
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 120.629 $\pm$ 0.023 χ^2 /NDF: 778585.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_mean vs Slug



Right In: -458.569+/-315.432 χ^2/NDF : 8.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 335.582+/-280.968 χ^2/NDF : 14.3/17

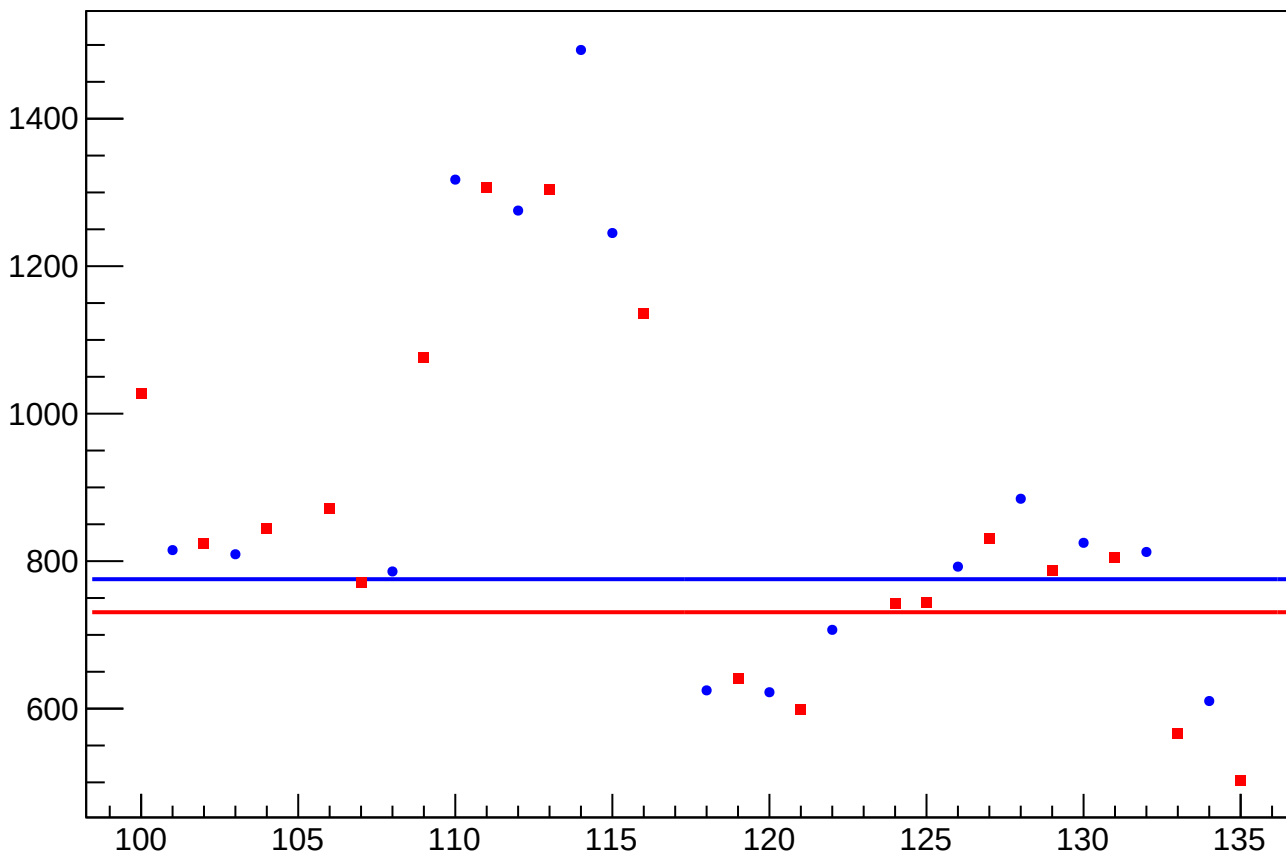
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -15.753+/-209.805 χ^2/NDF : 26.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_correction_rms vs Slug



Right In: 775.522+/-0.223 χ^2/NDF : 569079.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 730.744+/-0.199 χ^2/NDF : 970875.8/17

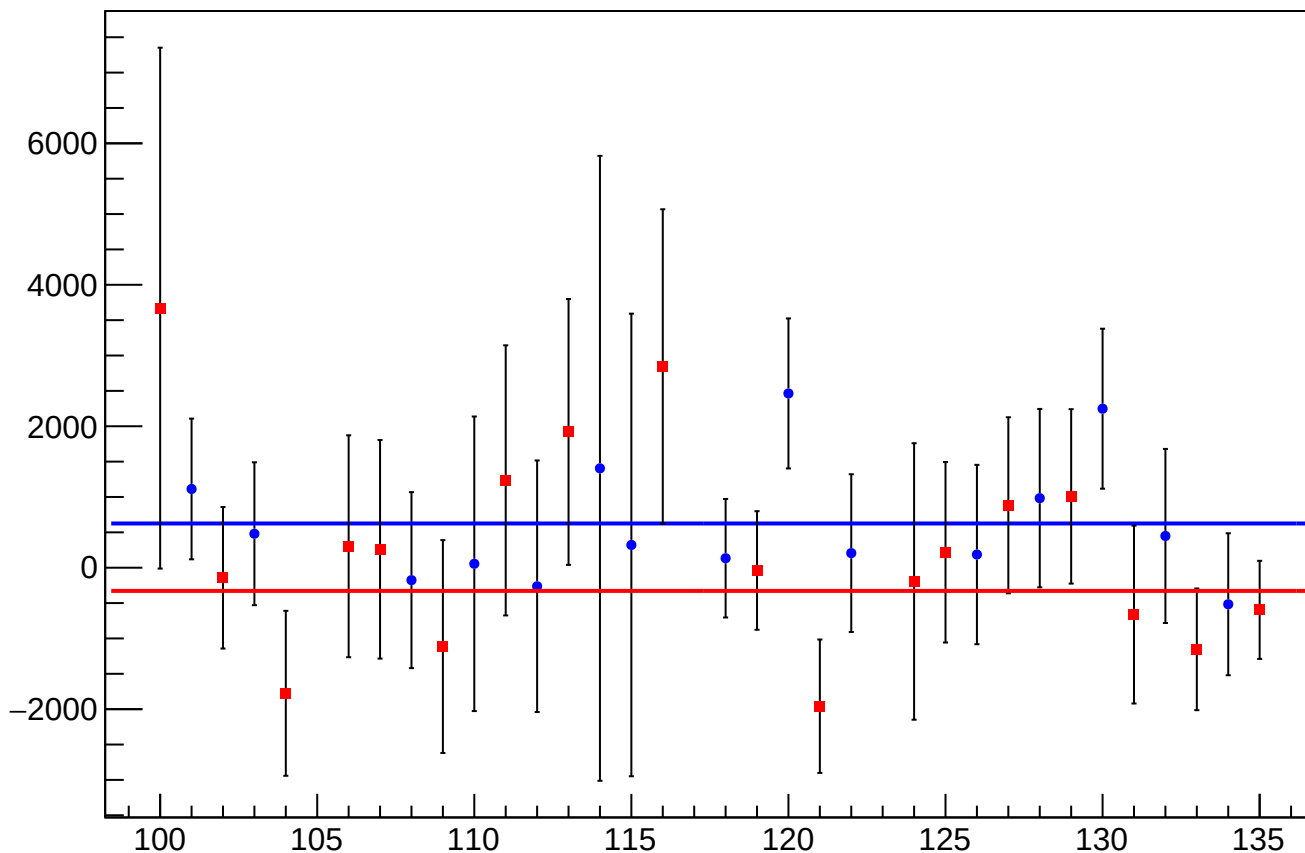
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.554+/-0.148 χ^2/NDF : 1562428.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_mean vs Slug



Right In: 625.507 $\pm$ 314.165 χ^2 /NDF: 8.1/14

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

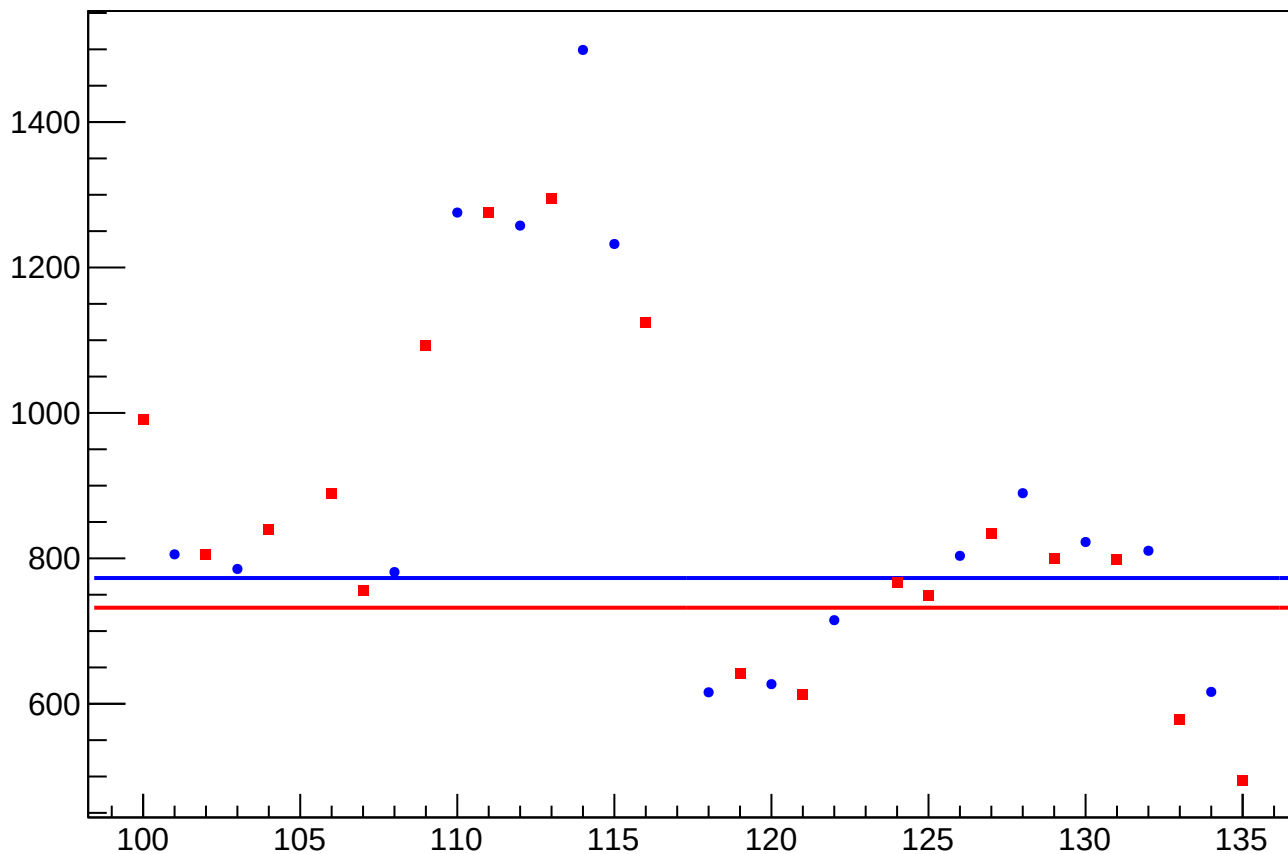
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 96.627 $\pm$ 209.621 χ^2 /NDF: 27.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_rms vs Slug



Right In: 772.958+/-0.222 χ^2/NDF : 547312.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 732.138+/-0.199 χ^2/NDF : 955864.4/17

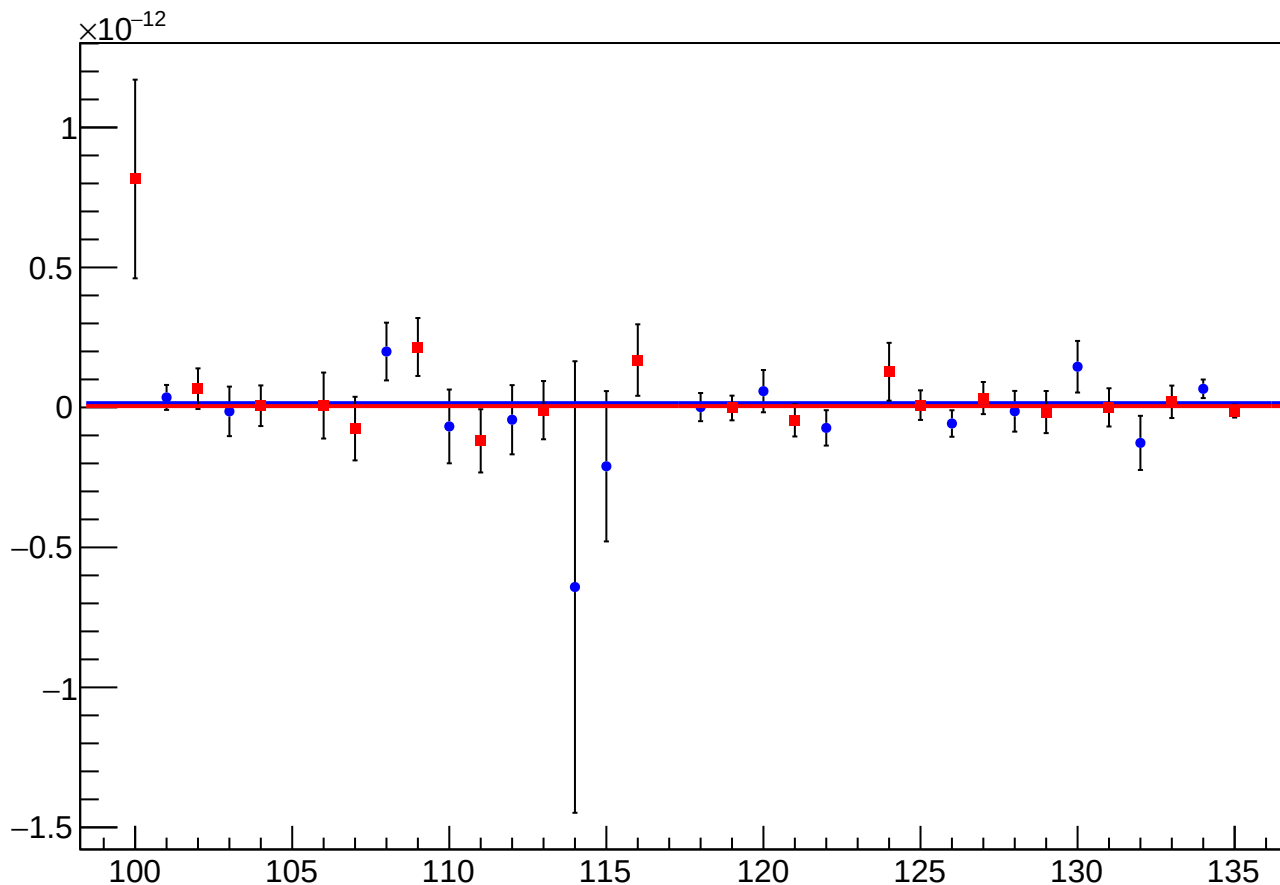
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 750.311+/-0.148 χ^2/NDF : 1521909.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/17

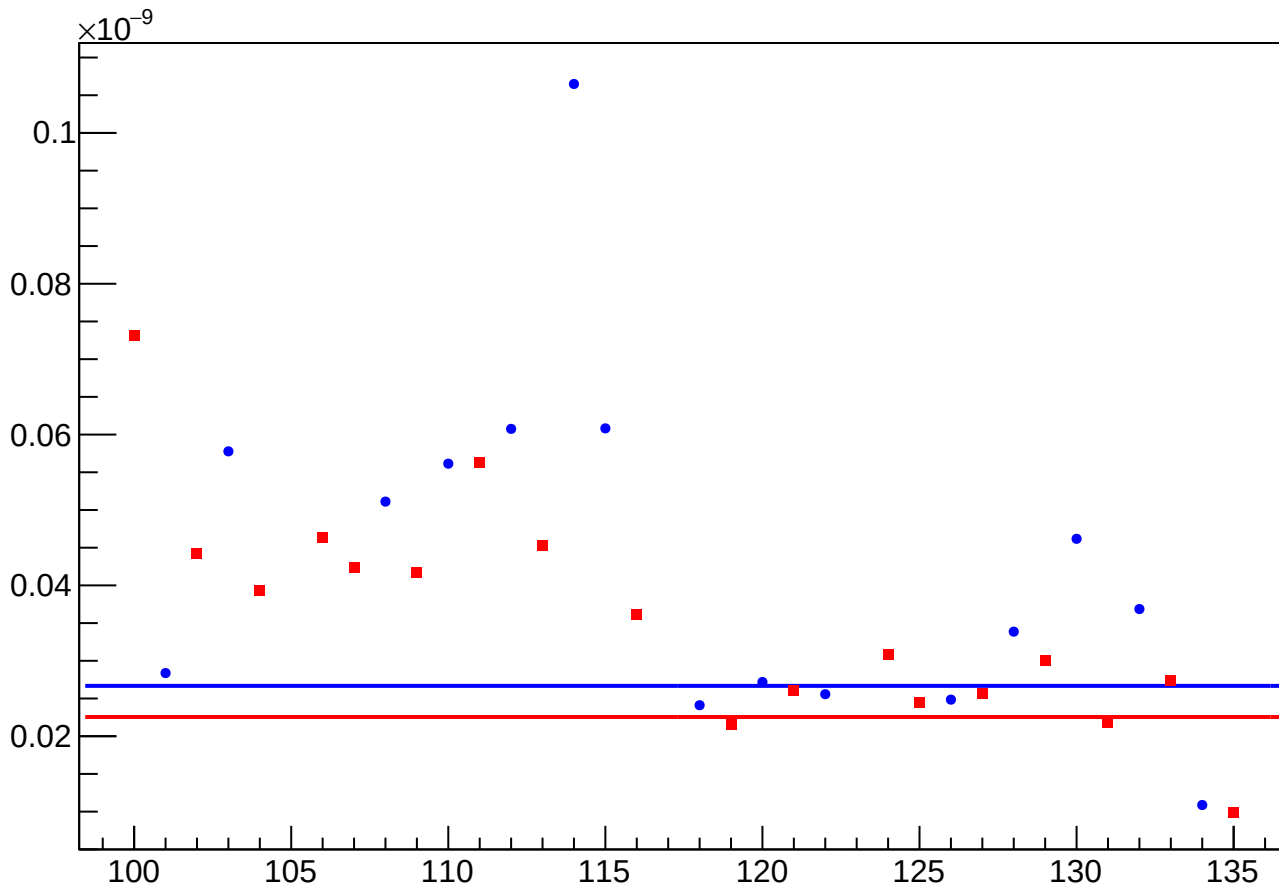
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 33.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1260761.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1507033.2/17

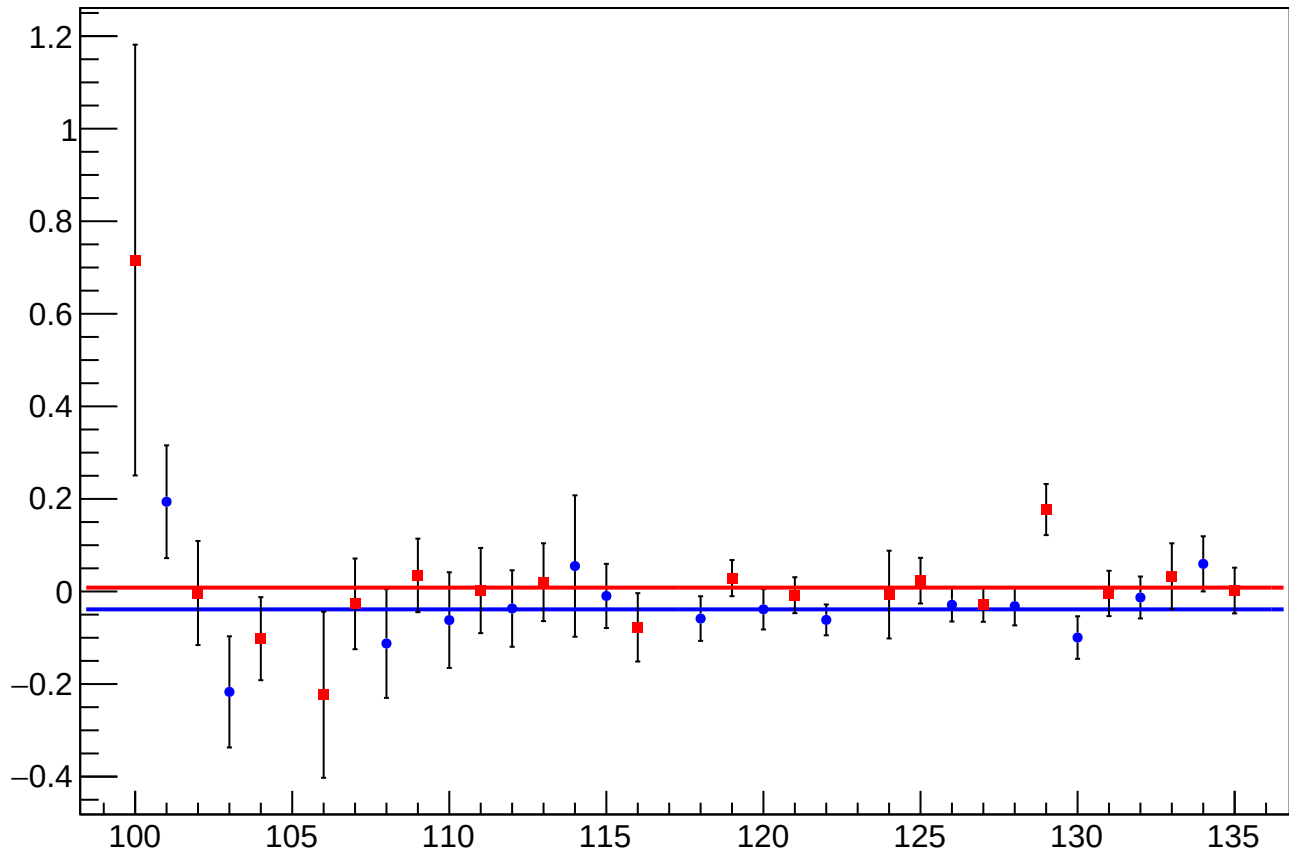
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2837525.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.039 ± 0.014 χ^2/NDF : 12.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.008 ± 0.014 χ^2/NDF : 18.2/17

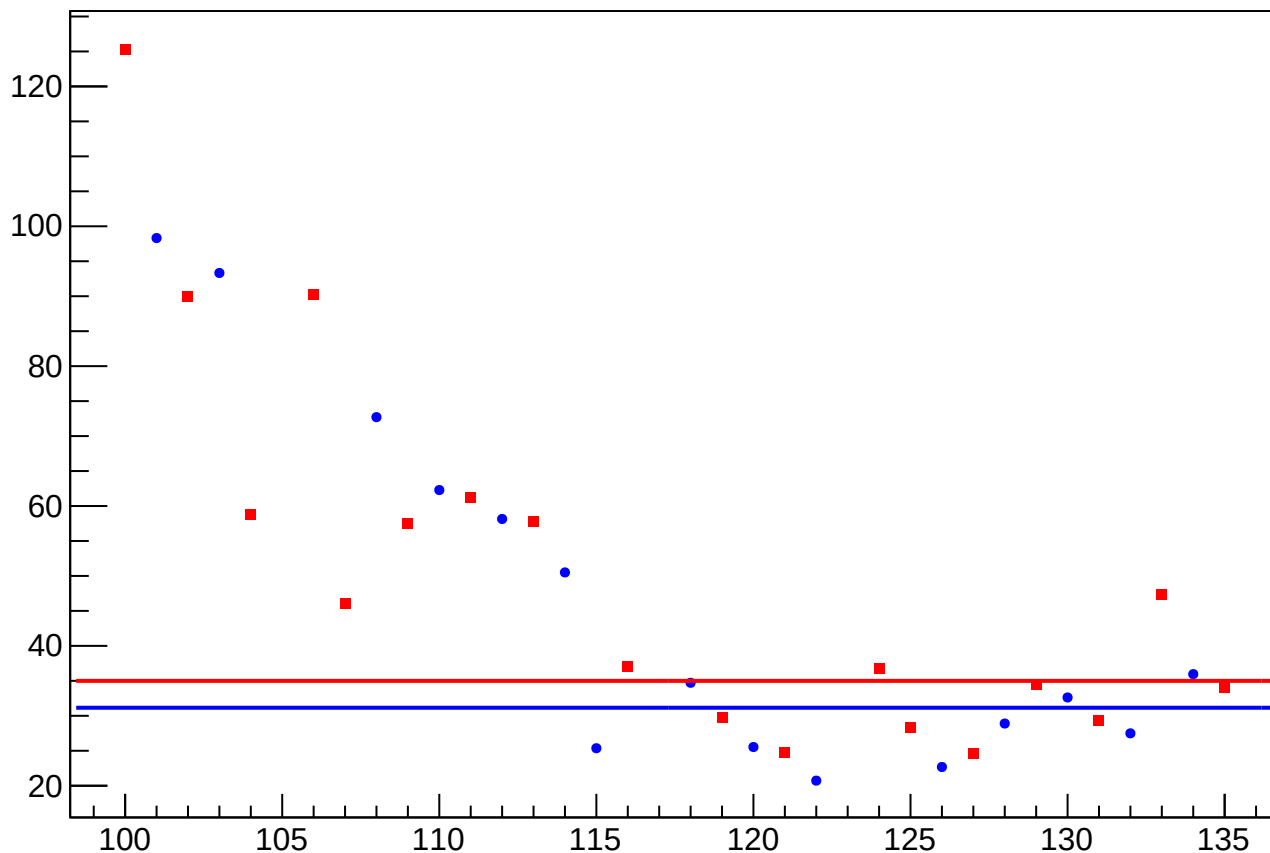
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.016 ± 0.010 χ^2/NDF : 36.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 2218097.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.996+/-0.010 χ^2/NDF : 1836383.1/17

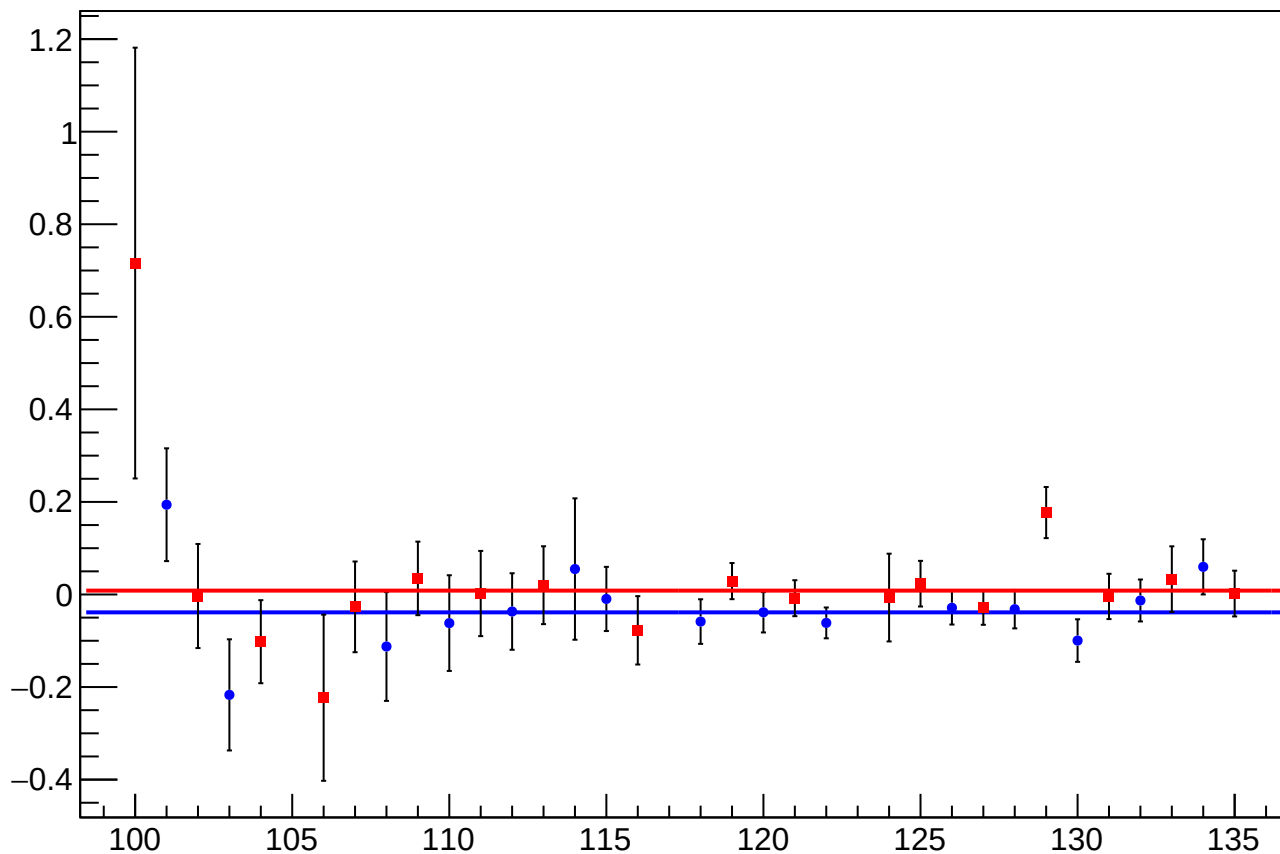
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.020+/-0.007 χ^2/NDF : 4128308.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.039 $\pm$ 0.014 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.014 χ^2 /NDF: 18.2/17

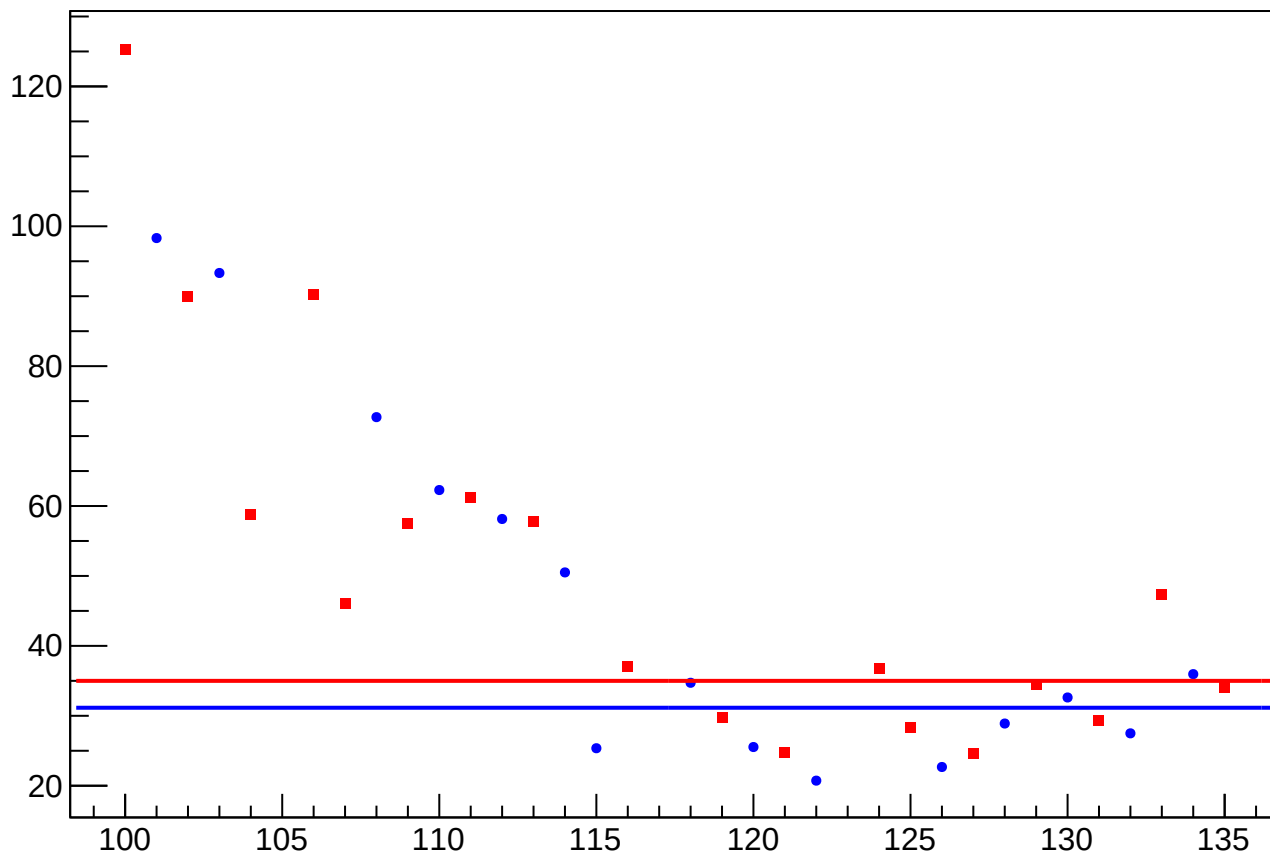
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 2218097.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.996+/-0.010 χ^2/NDF : 1836383.1/17

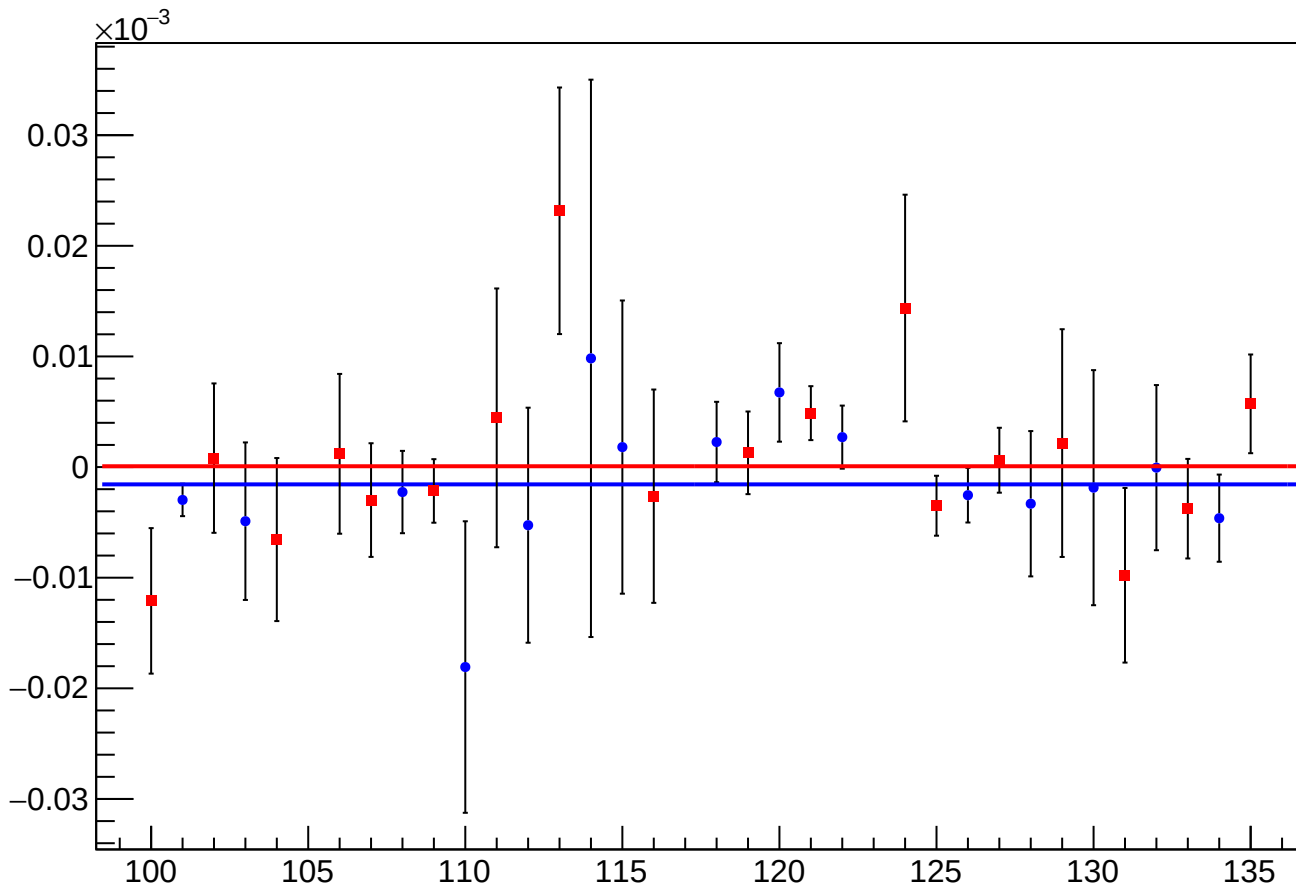
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.020+/-0.007 χ^2/NDF : 4128308.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 10.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 21.4/17

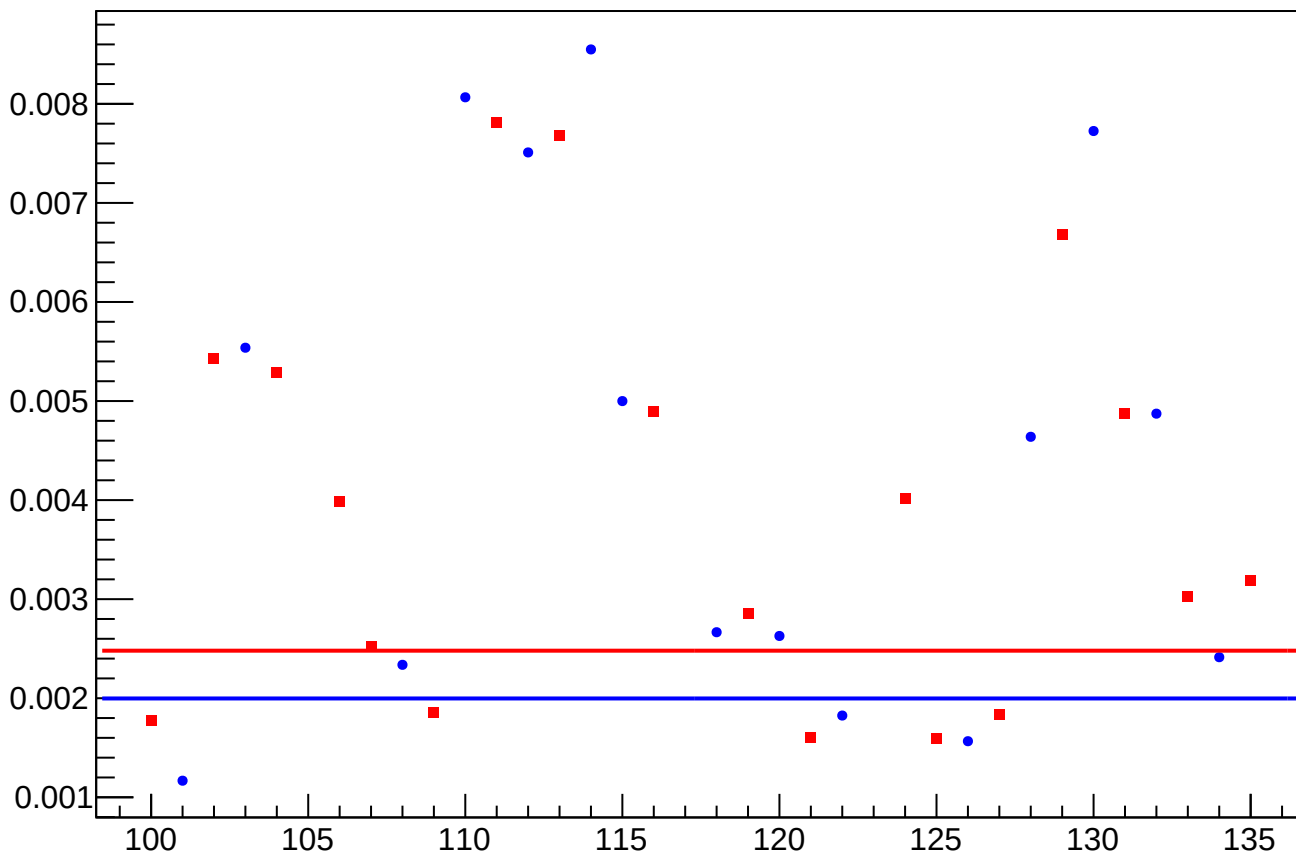
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 33.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3754217.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3087217.7/17

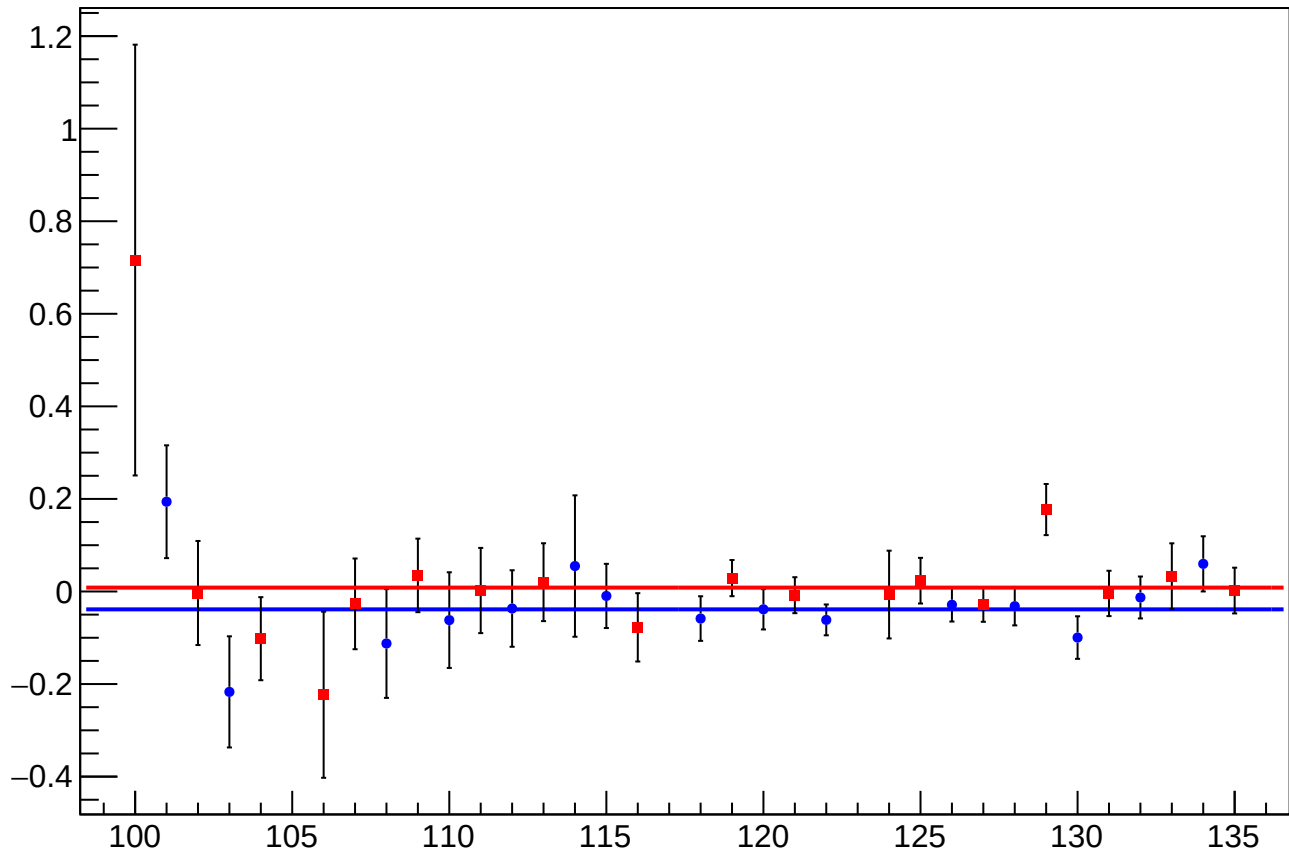
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7071736.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.039 $\pm$ 0.014 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.014 χ^2 /NDF: 18.2/17

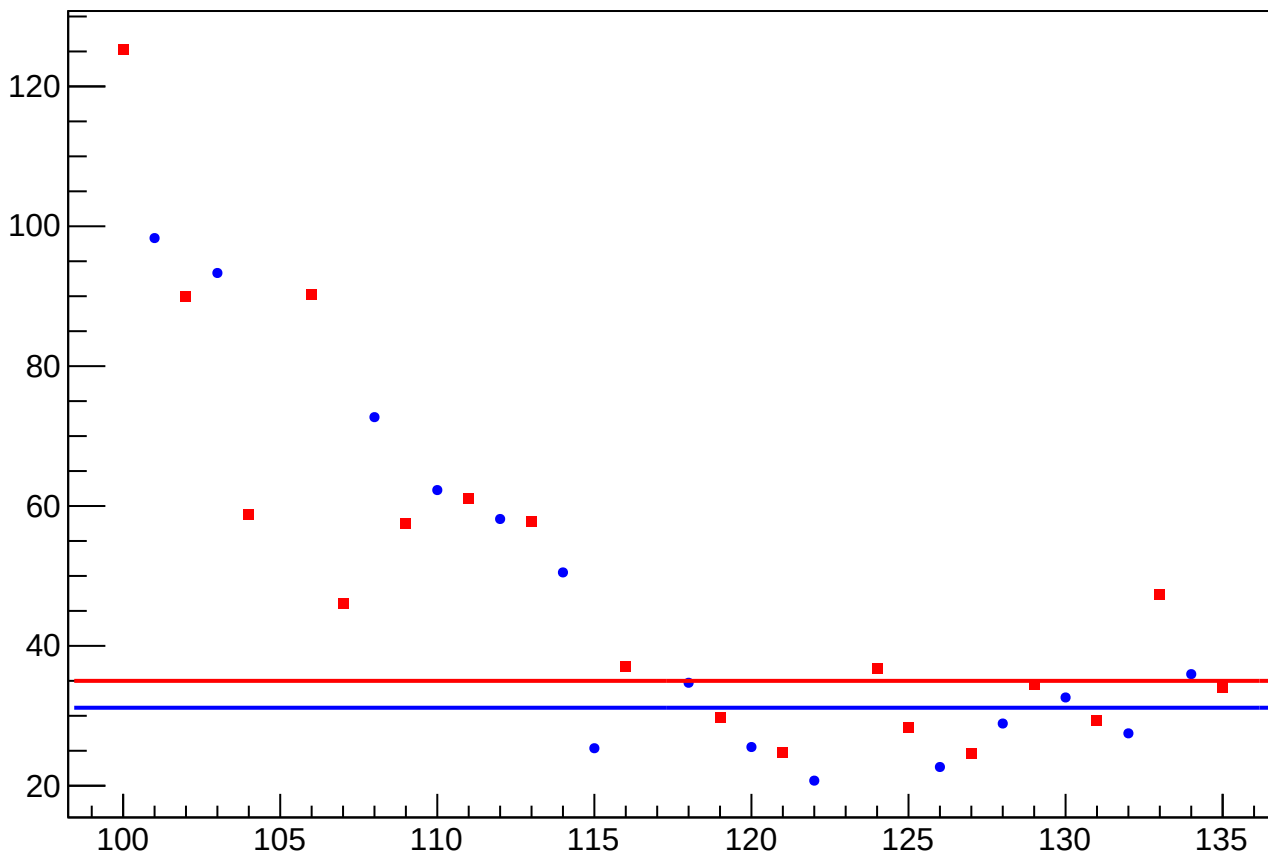
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.996+/-0.010 χ^2/NDF : 1836277.5/17

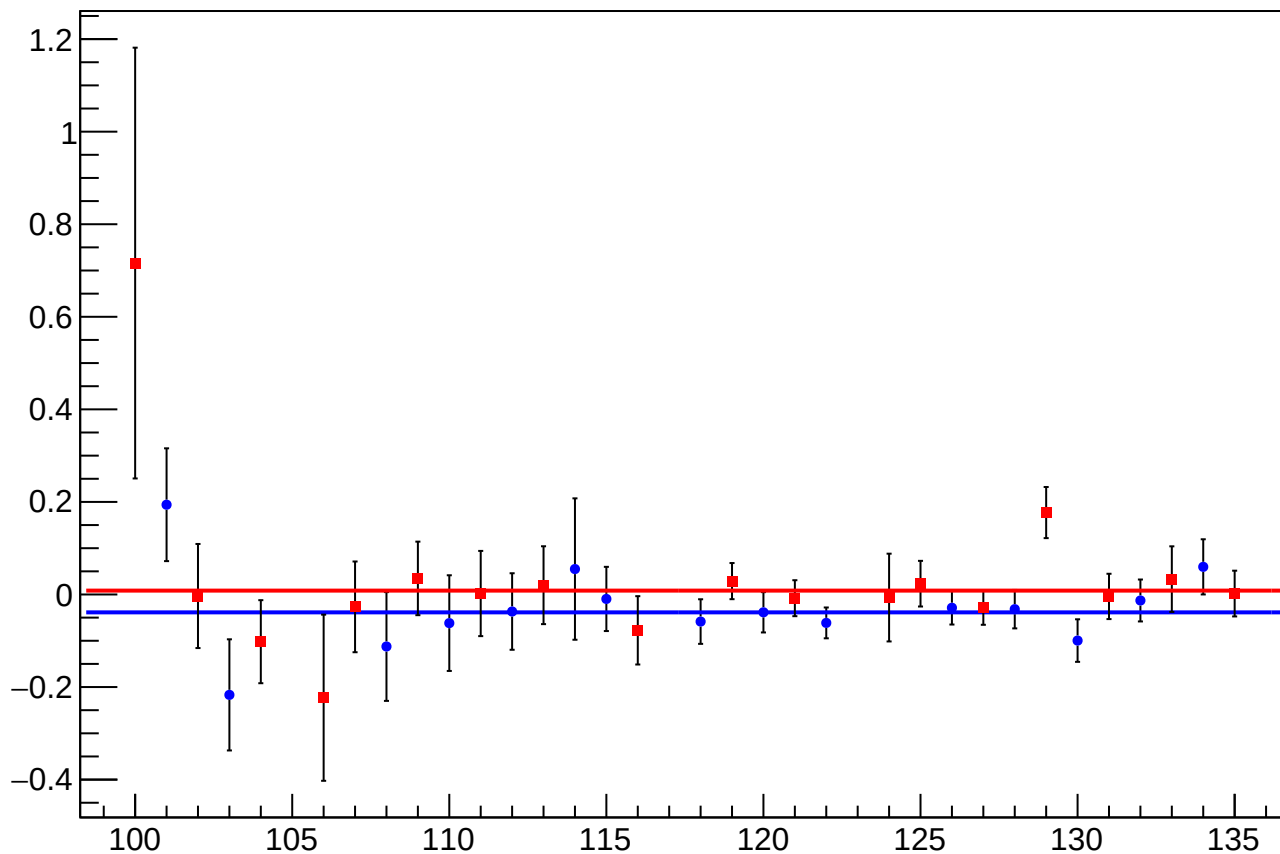
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.021+/-0.007 χ^2/NDF : 4128180.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.039 $\pm$ 0.014 χ^2 /NDF: 12.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.008 $\pm$ 0.014 χ^2 /NDF: 18.2/17

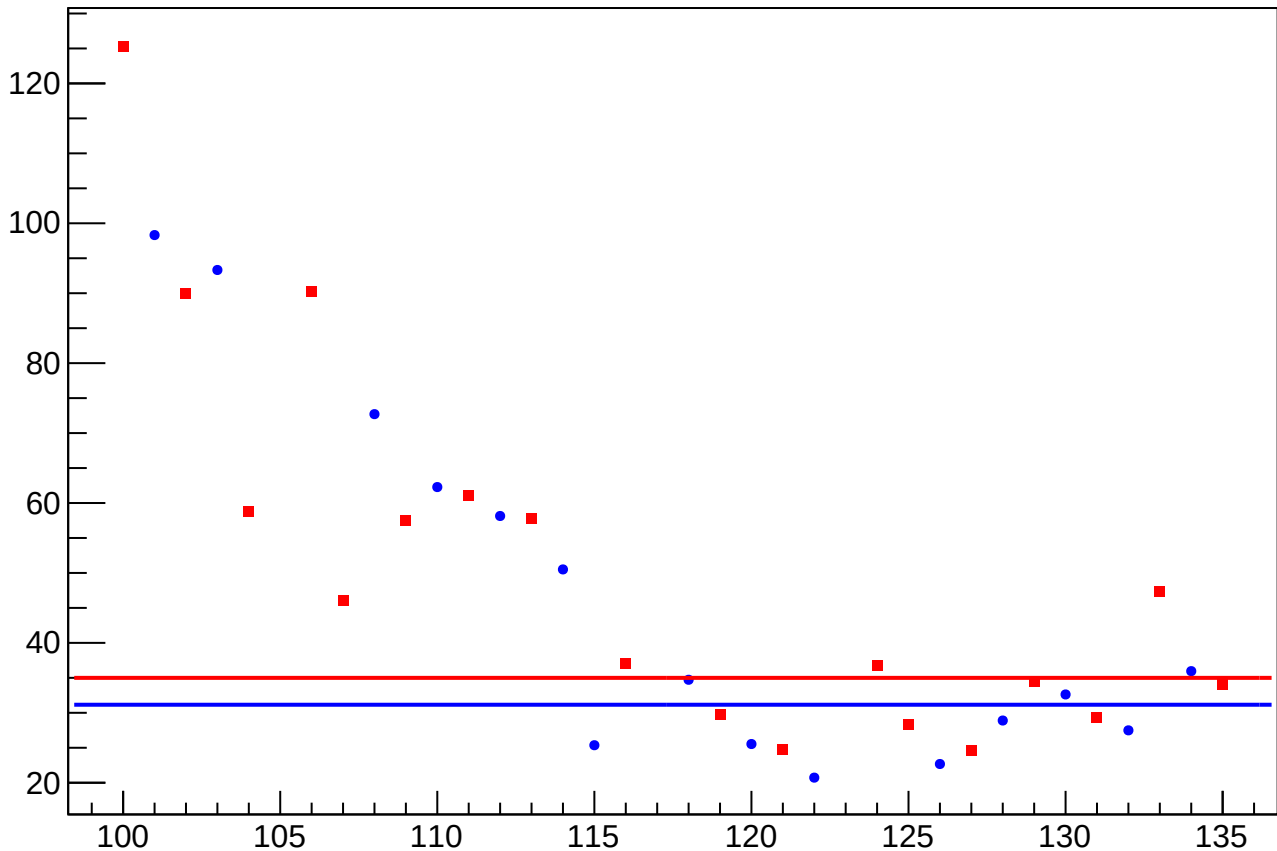
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.016 $\pm$ 0.010 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 31.153+/-0.010 χ^2/NDF : 2218073.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.996+/-0.010 χ^2/NDF : 1836277.5/17

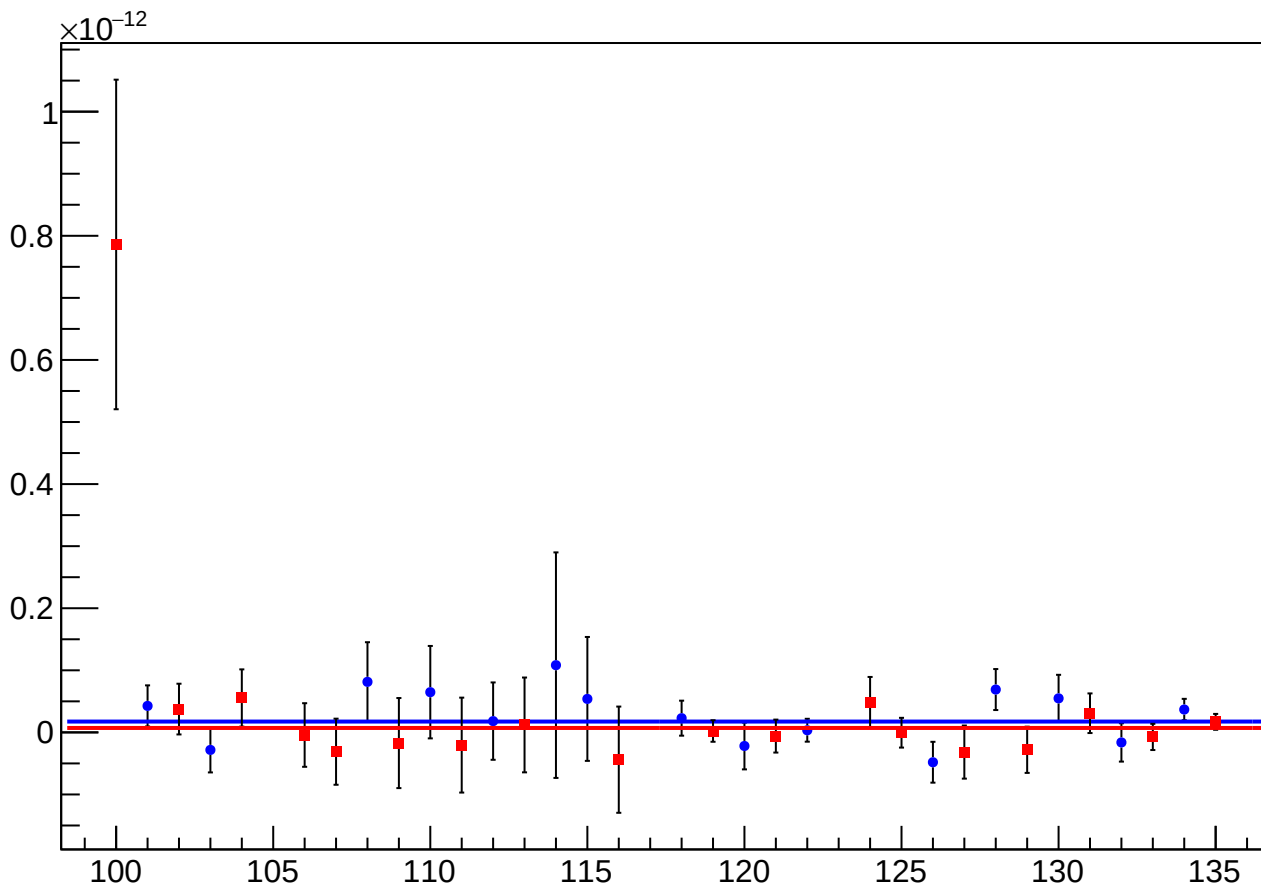
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.021+/-0.007 χ^2/NDF : 4128180.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.2/17

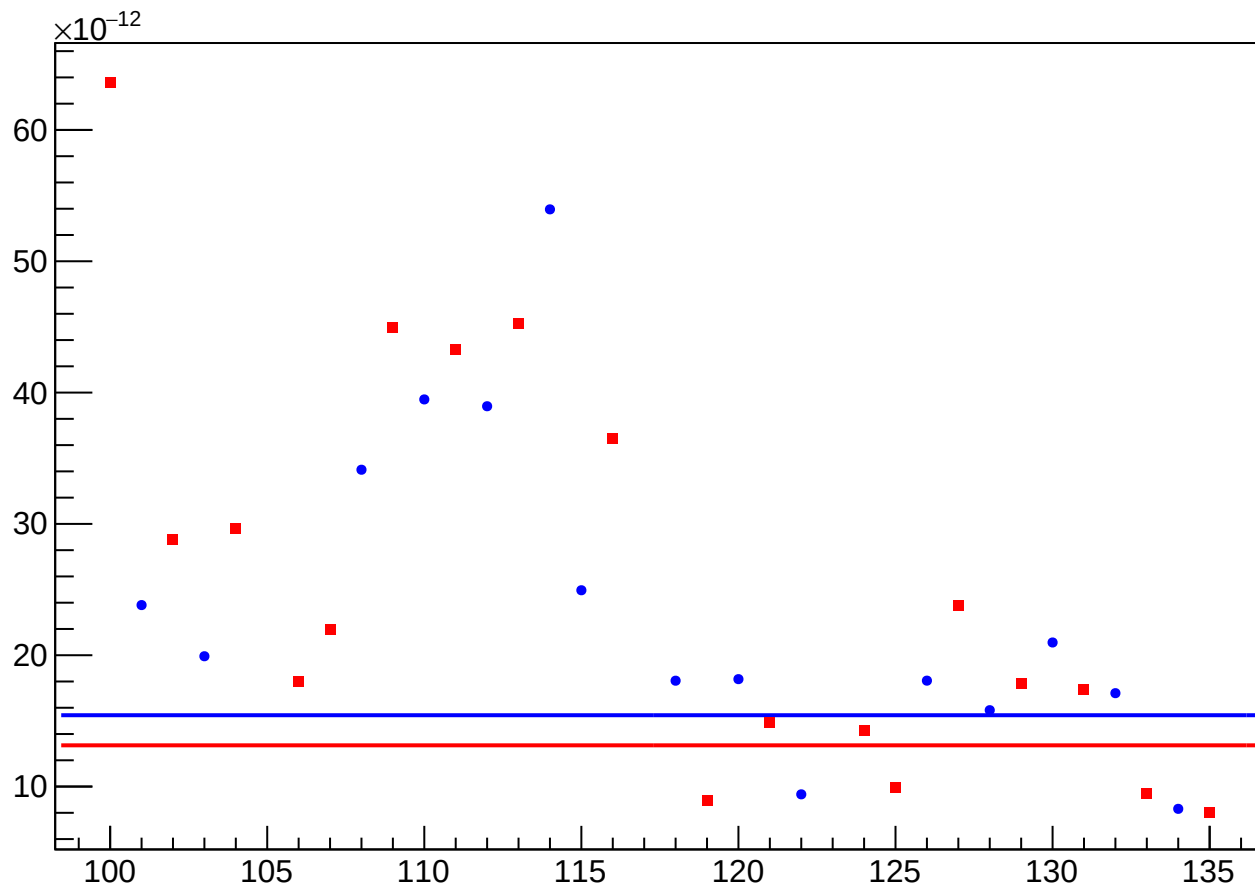
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_26_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1578965.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2633039.7/17

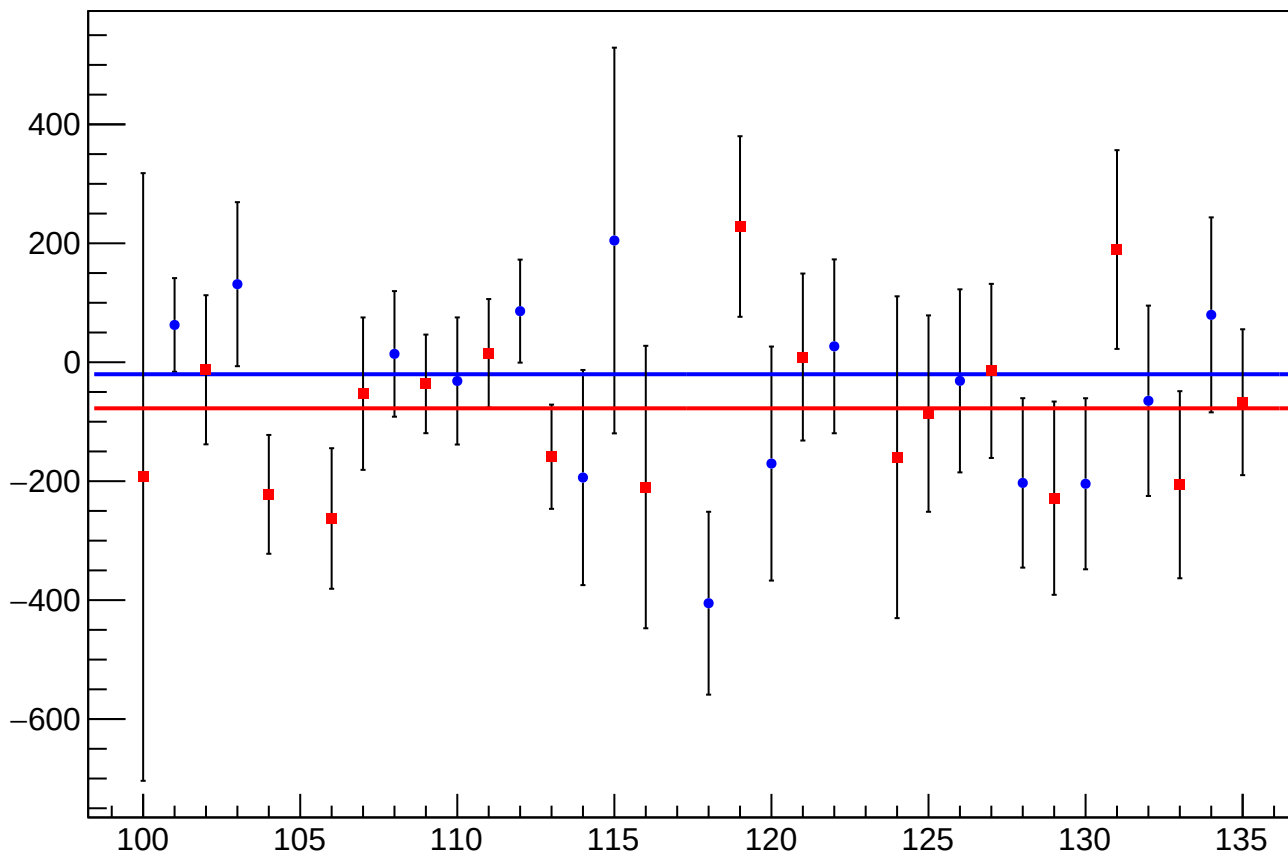
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4300201.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_mean vs Slug



Right In: -20.169 ± 33.420 χ^2/NDF : 16.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -77.470 ± 30.356 χ^2/NDF : 16.2/17

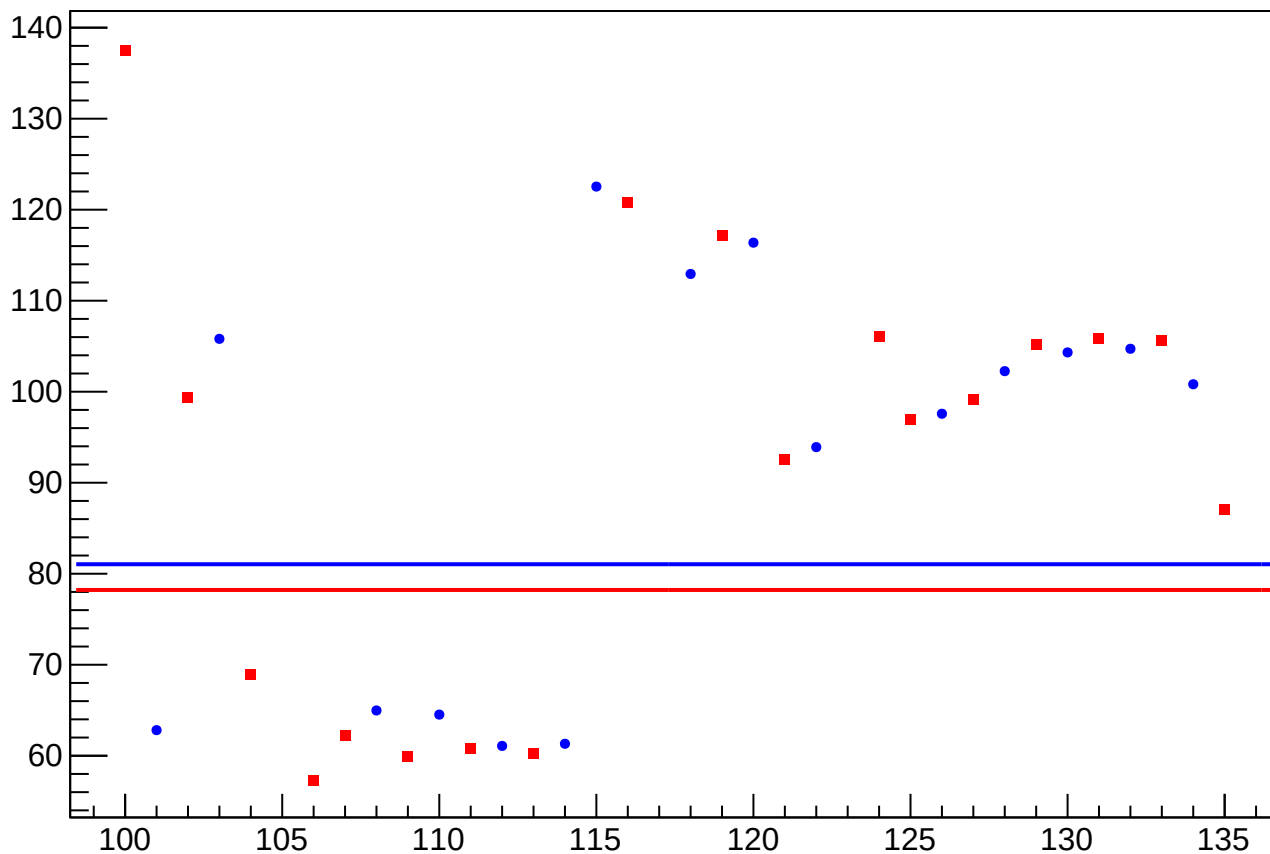
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.566 ± 22.470 χ^2/NDF : 33.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_rms vs Slug



Right In: 81.043+/-0.024 χ^2/NDF : 787285.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.217+/-0.021 χ^2/NDF : 934156.5/17

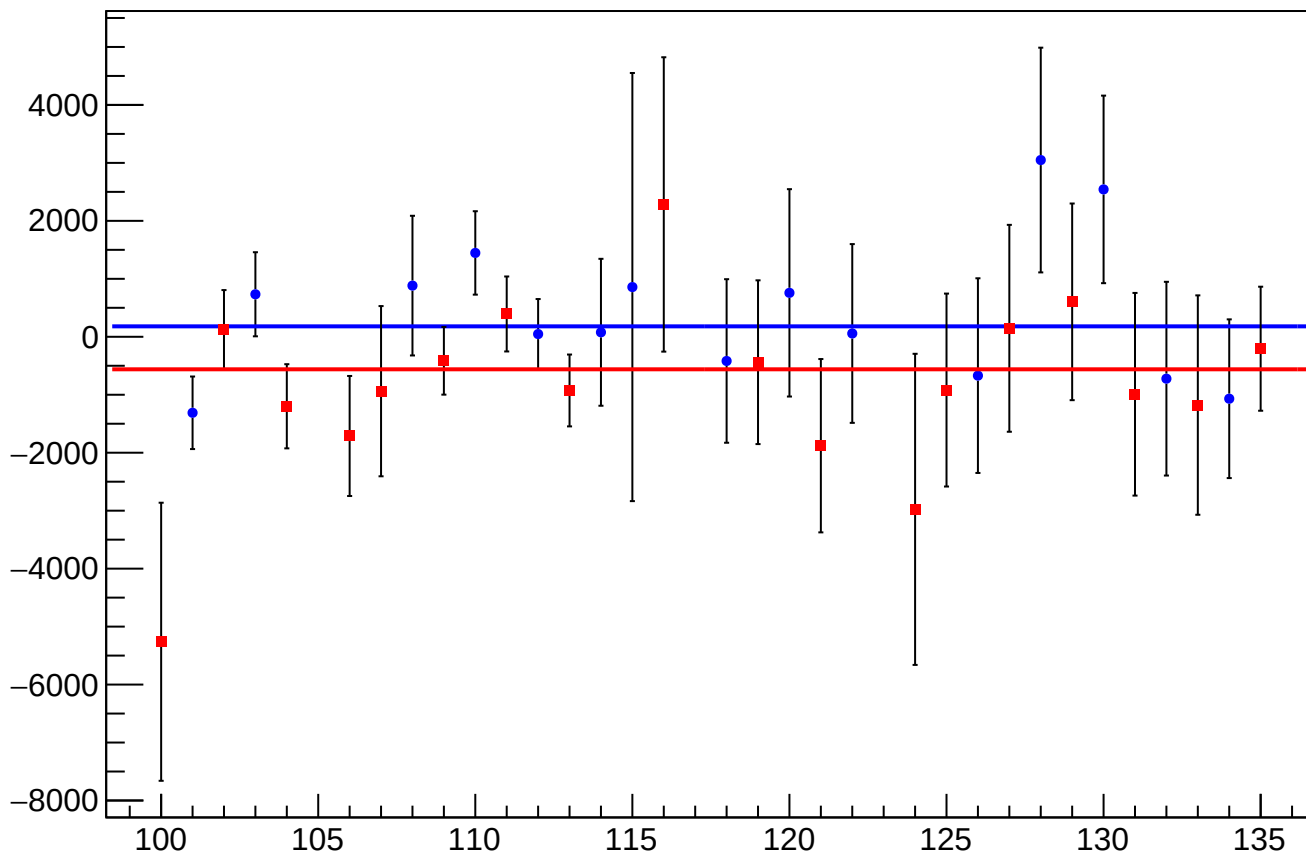
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.495+/-0.016 χ^2/NDF : 1729280.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_correction_mean vs Slug



Right In: 179.991 $\pm$ 270.762 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -561.053 $\pm$ 240.721 χ^2 /NDF: 13.3/17

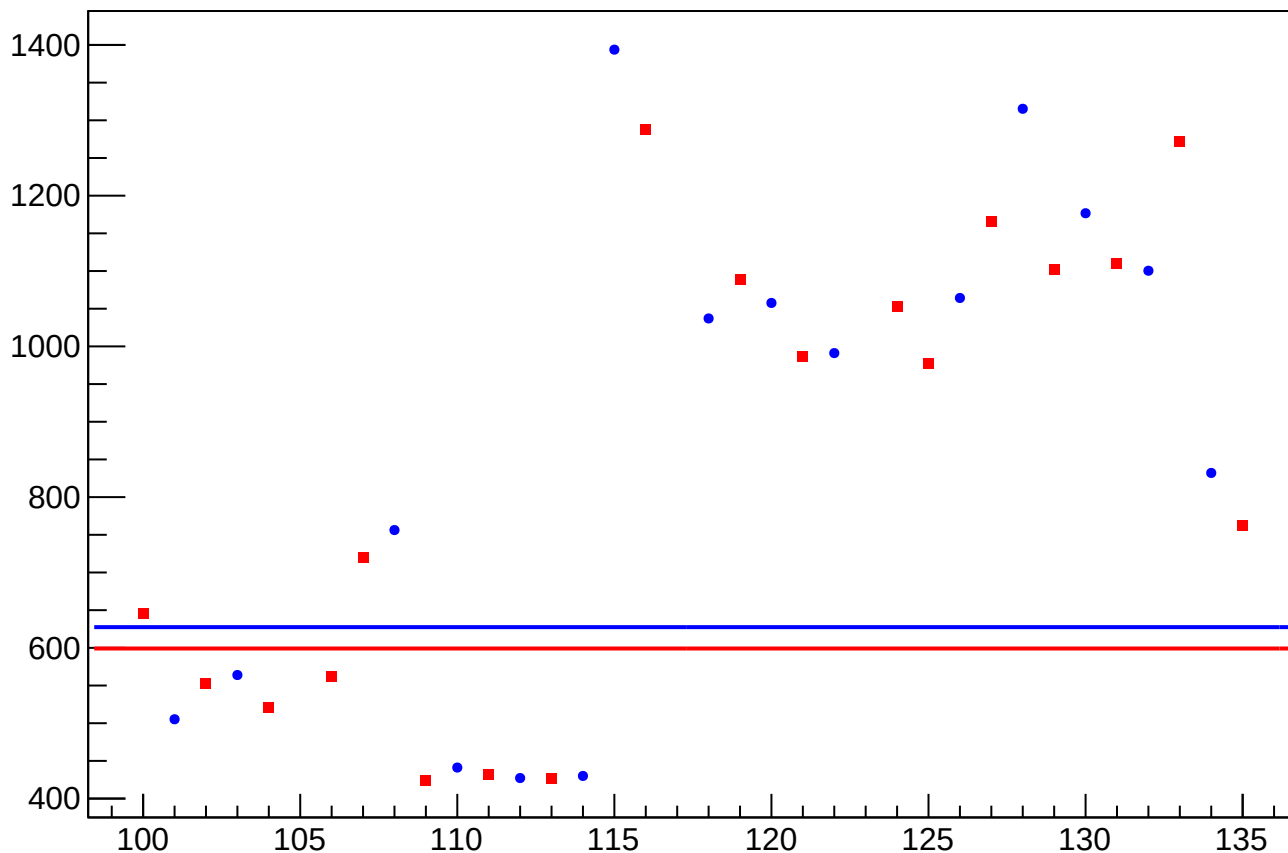
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -233.904 $\pm$ 179.903 χ^2 /NDF: 33.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_reg_correction_rms vs Slug



Right In: 627.479+/-0.191 χ^2/NDF : 1820867.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 599.137+/-0.170 χ^2/NDF : 2047152.3/17

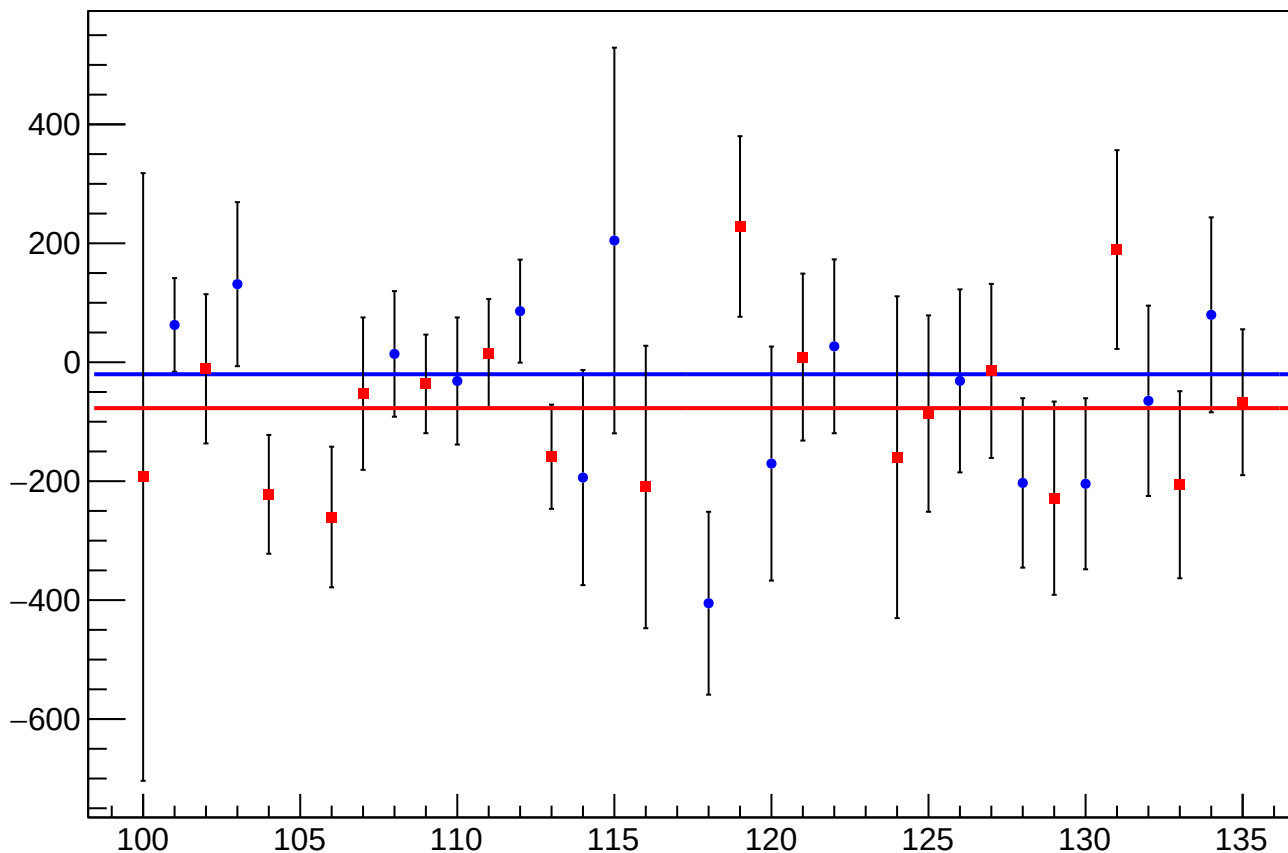
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 611.649+/-0.127 χ^2/NDF : 3880259.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1548_avg_mean vs Slug



Right In: -20.174 ± 33.420 χ^2/NDF : 16.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -77.198 ± 30.358 χ^2/NDF : 16.1/17

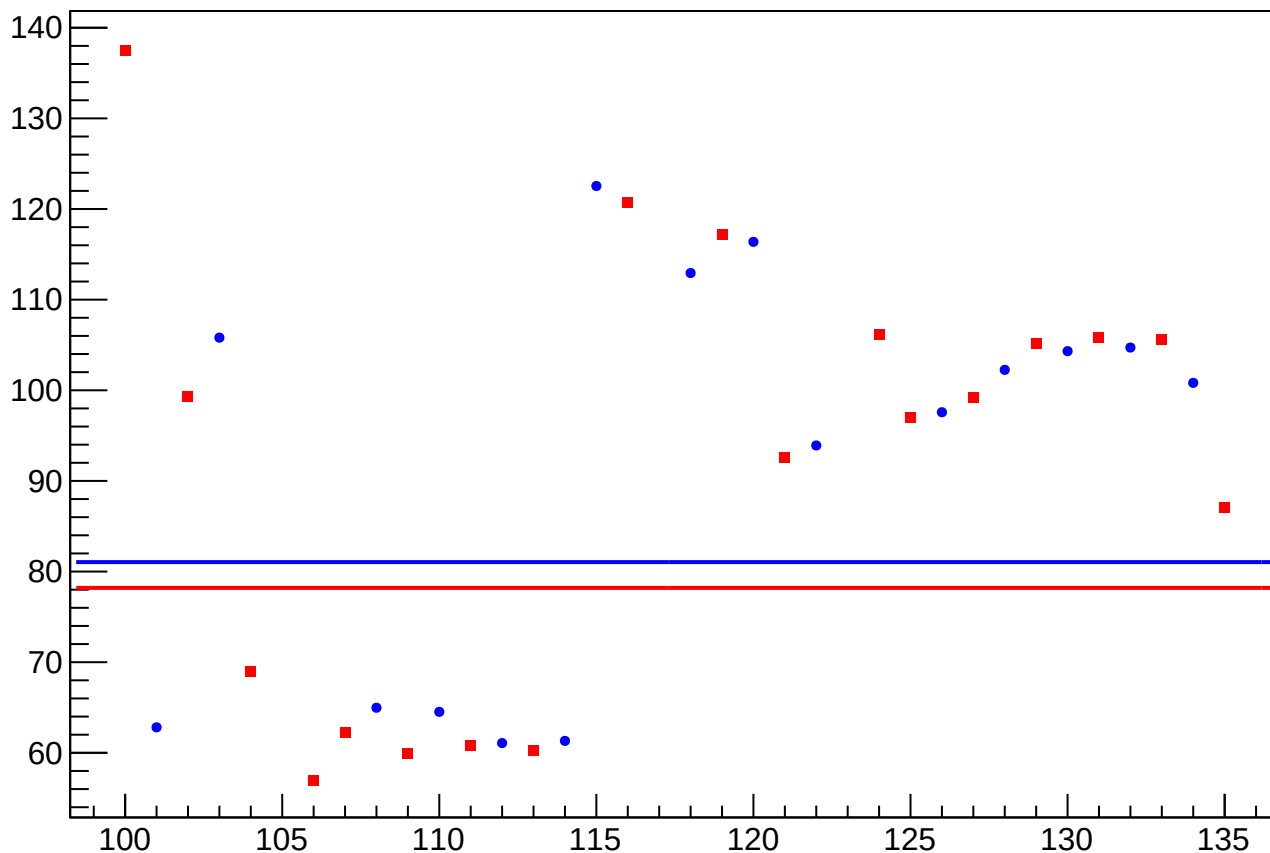
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.418 ± 22.471 χ^2/NDF : 33.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1548_avg_rms vs Slug



Right In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.198+/-0.021 χ^2/NDF : 936288.0/17

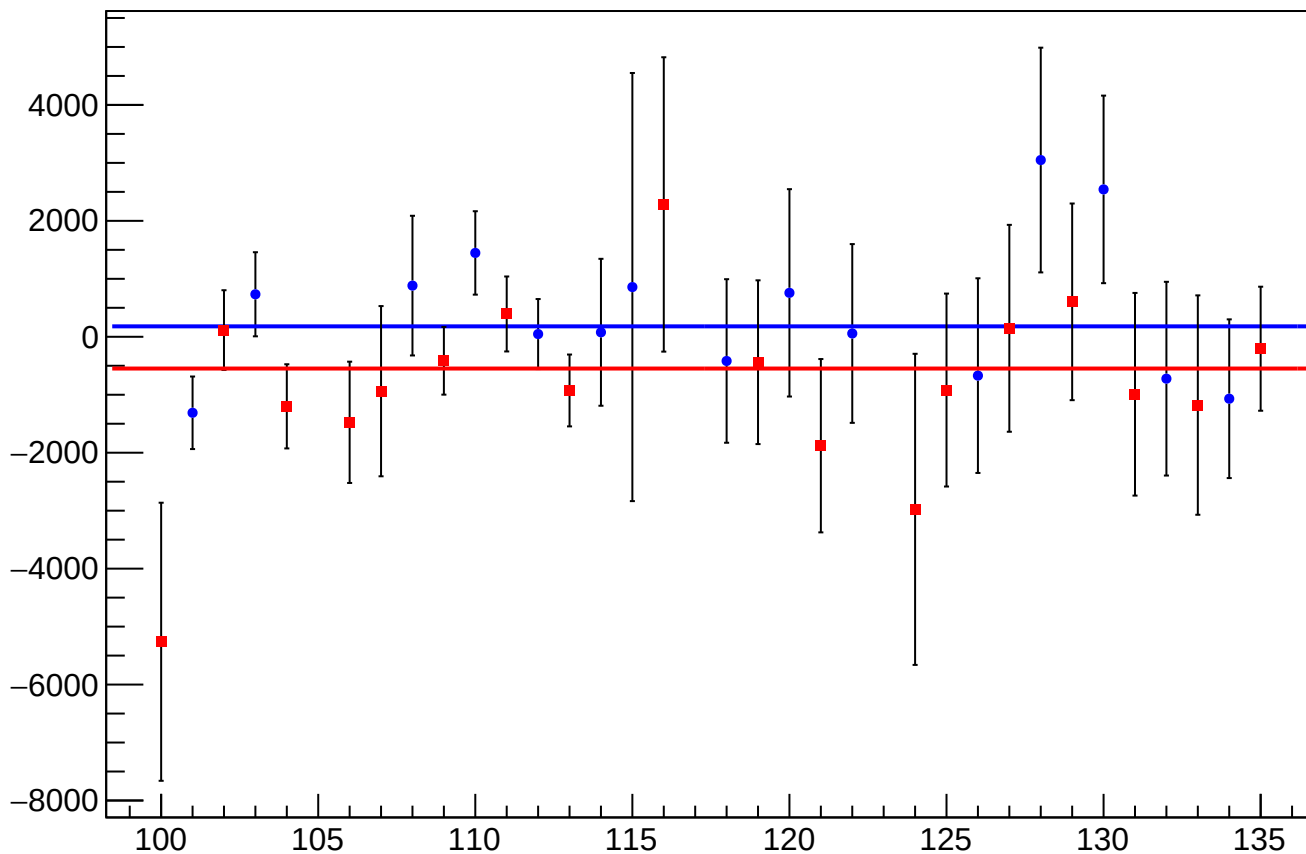
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.484+/-0.016 χ^2/NDF : 1731520.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_cor_correction_mean vs Slug



Right In: 179.966 $\pm$ 270.765 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -547.863 $\pm$ 240.874 χ^2 /NDF: 12.8/17

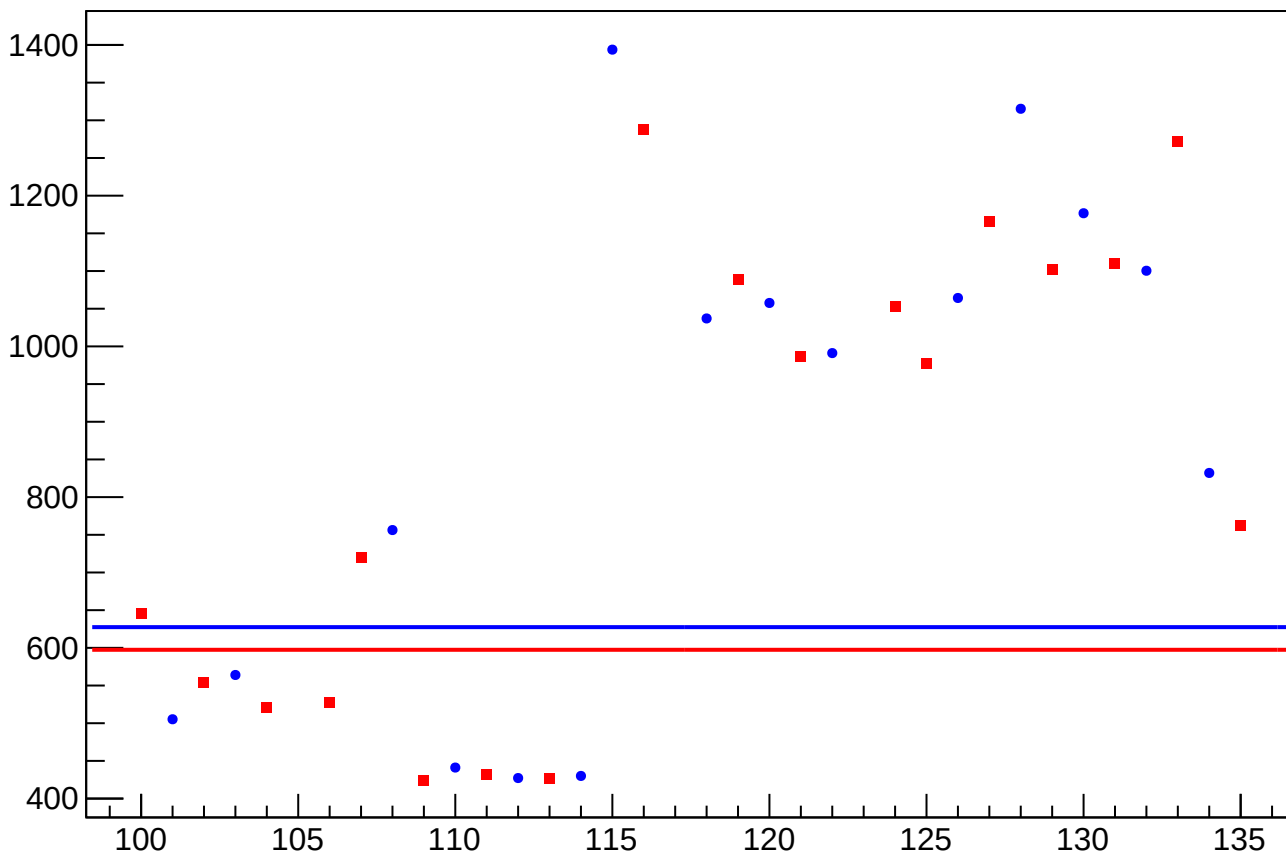
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -226.326 $\pm$ 179.967 χ^2 /NDF: 32.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_cor_correction_rms vs Slug



Right In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

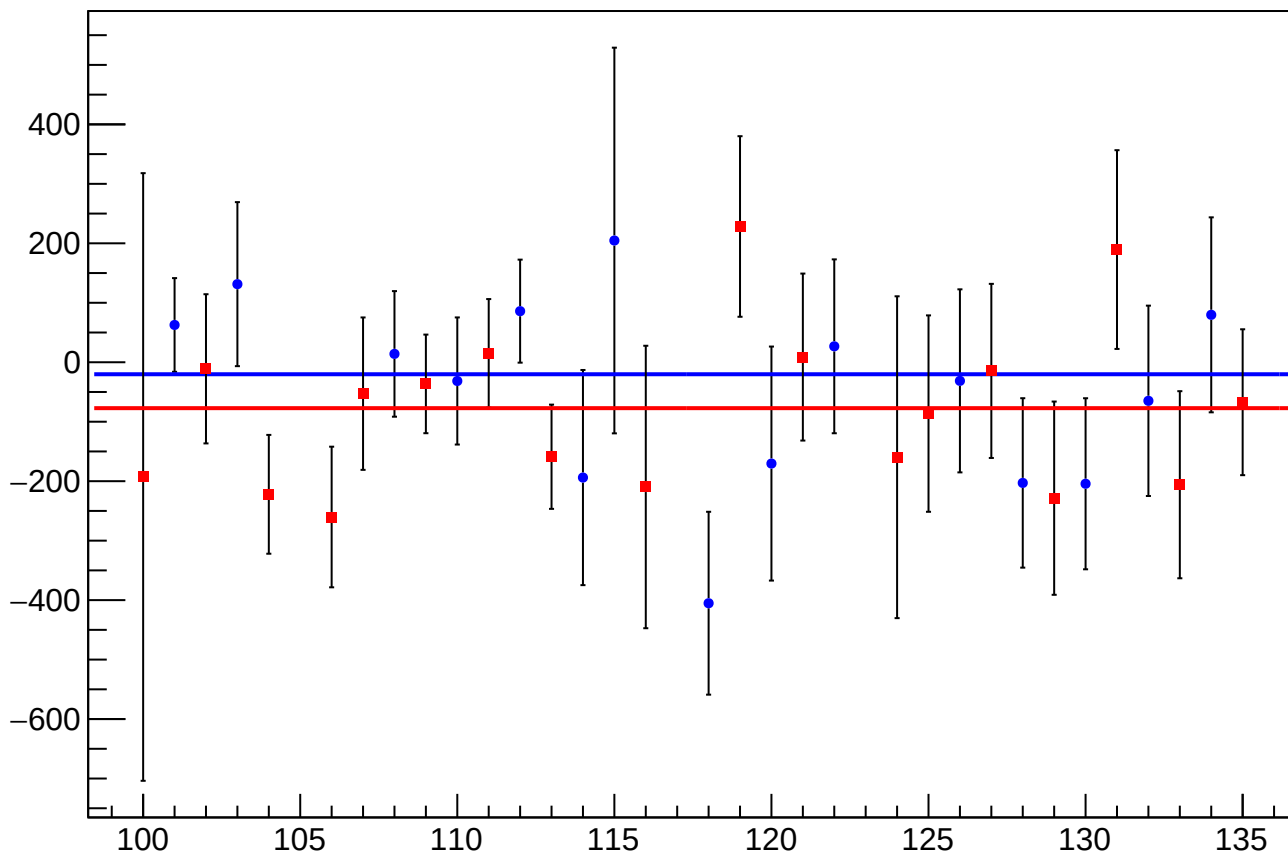
Right Out: 597.422+/-0.170 χ^2/NDF : 2053659.3/17

All: 610.705+/-0.127 χ^2/NDF : 3888260.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_mean vs Slug



Right In: -20.174 ± 33.420 χ^2/NDF : 16.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -77.198 ± 30.358 χ^2/NDF : 16.1/17

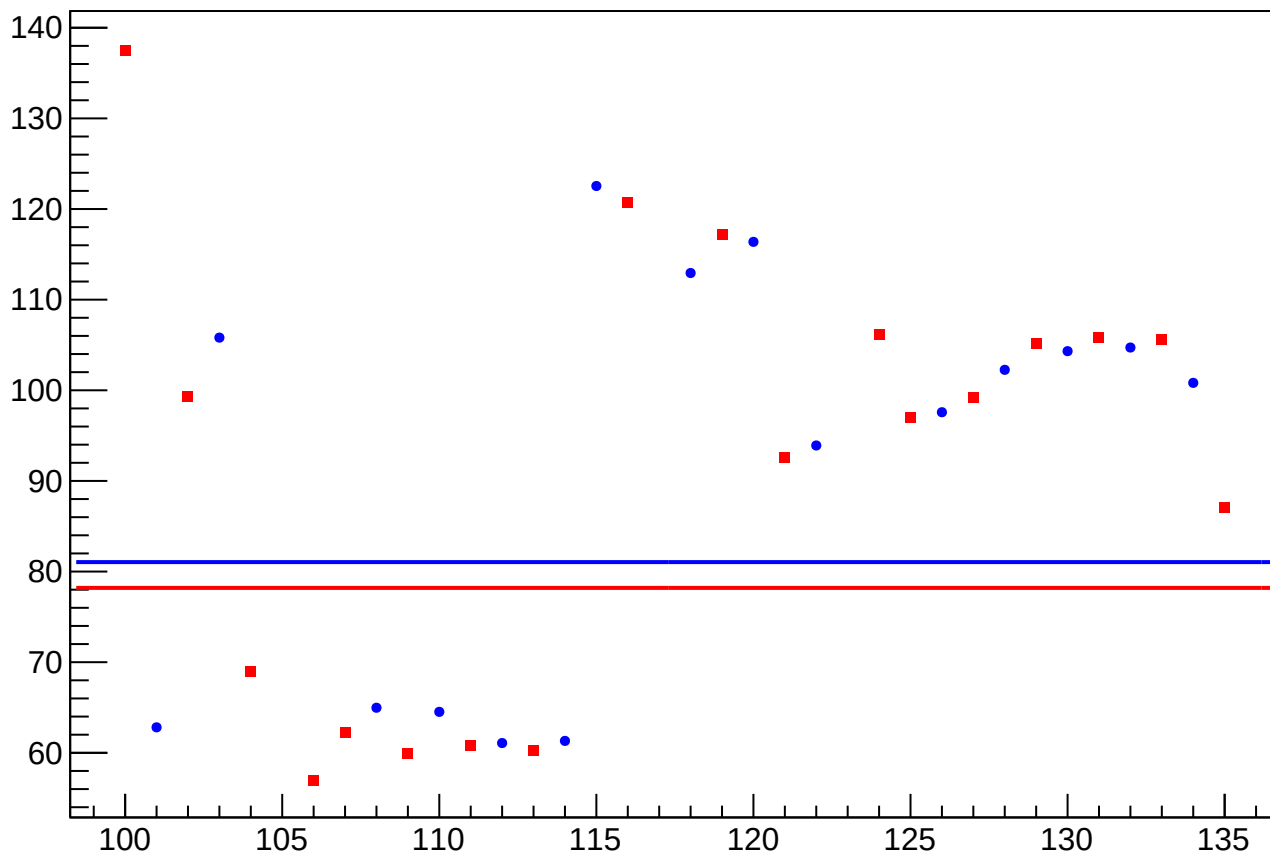
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -51.418 ± 22.471 χ^2/NDF : 33.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1548_avg_rms vs Slug



Right In: 81.043+/-0.024 χ^2/NDF : 787288.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.198+/-0.021 χ^2/NDF : 936288.0/17

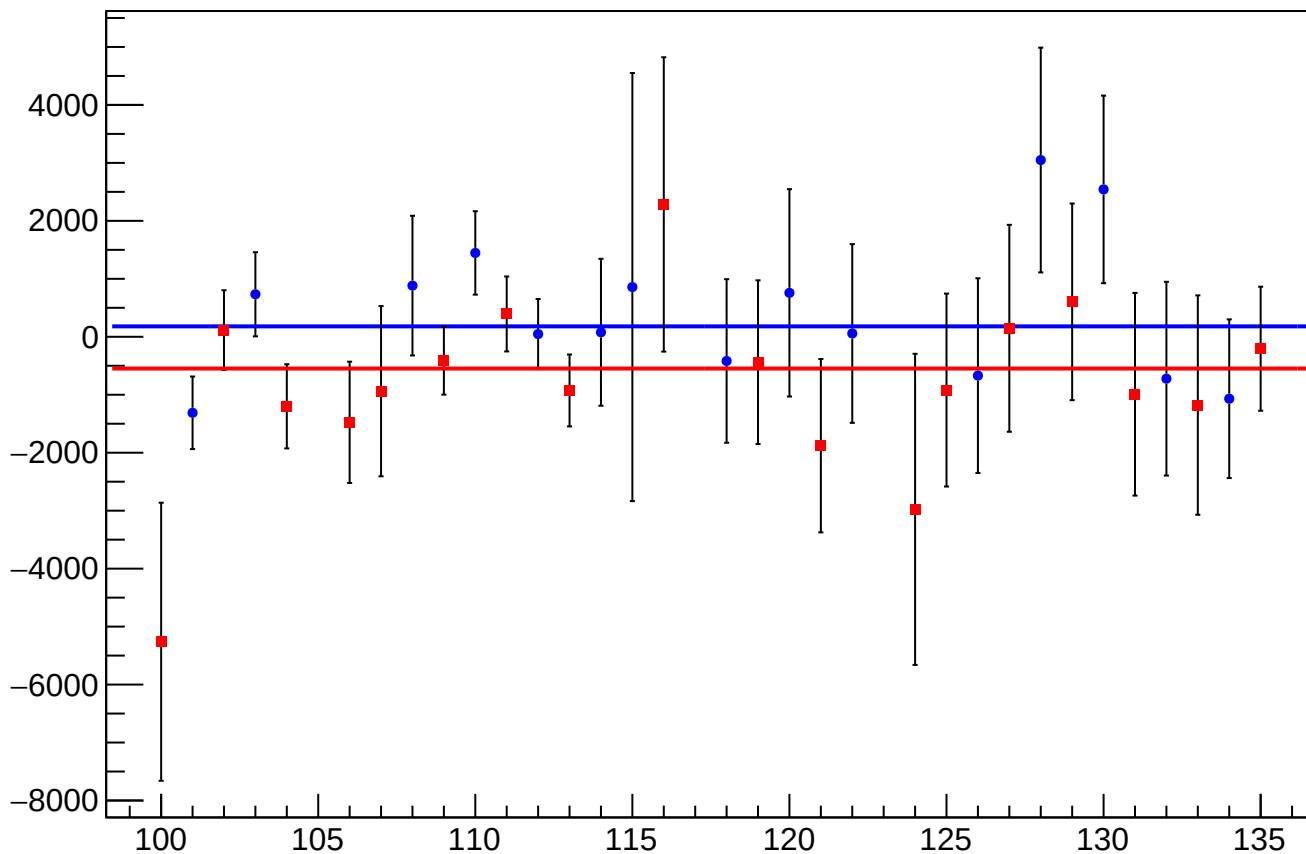
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.484+/-0.016 χ^2/NDF : 1731520.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_correction_mean vs Slug



Right In: 179.966 $\pm$ 270.765 χ^2 /NDF: 15.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -547.863 $\pm$ 240.874 χ^2 /NDF: 12.8/17

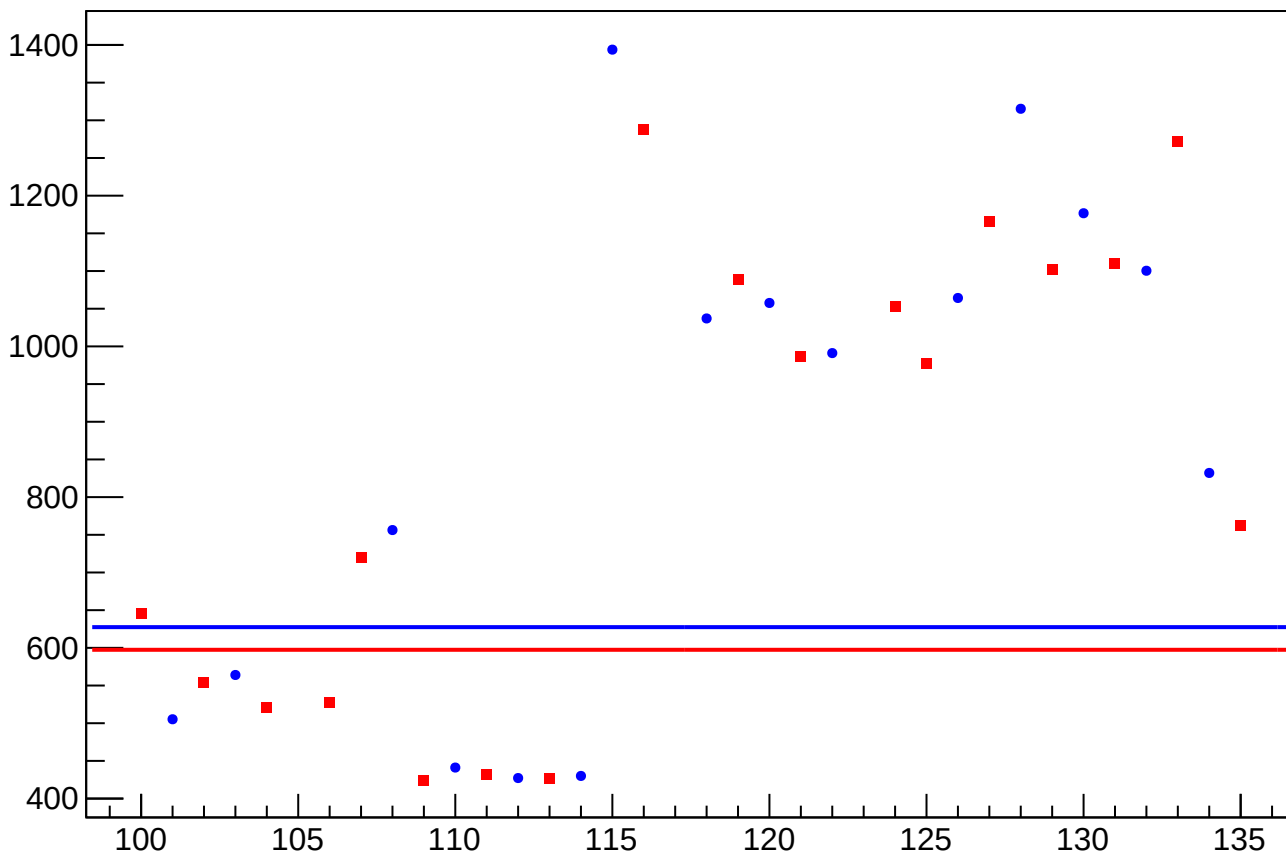
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -226.326 $\pm$ 179.967 χ^2 /NDF: 32.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_correction_rms vs Slug



Right In: 627.488+/-0.191 χ^2/NDF : 1820835.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

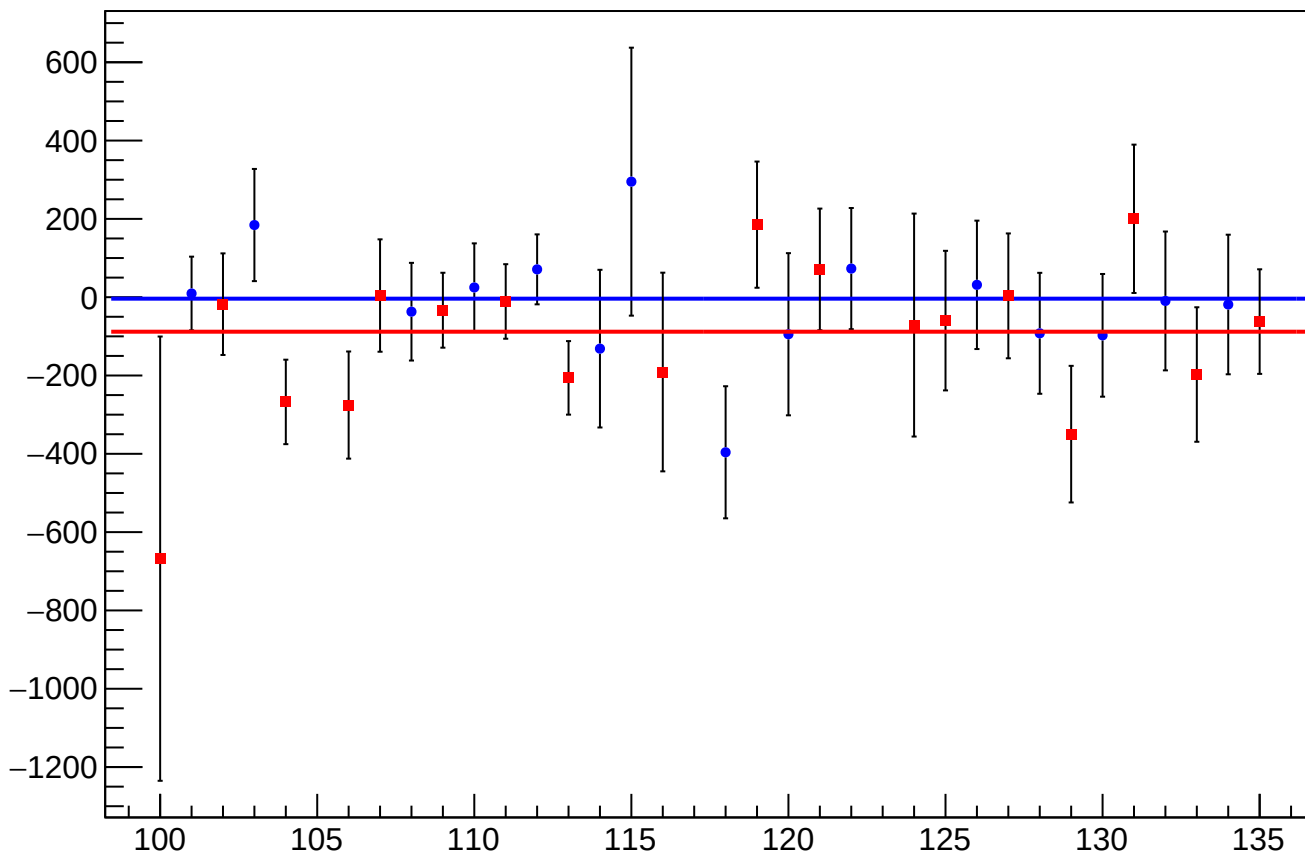
Right Out: 597.422+/-0.170 χ^2/NDF : 2053659.3/17

All: 610.705+/-0.127 χ^2/NDF : 3888260.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.775+/-36.598 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.145+/-33.099 χ^2/NDF : 18.4/17

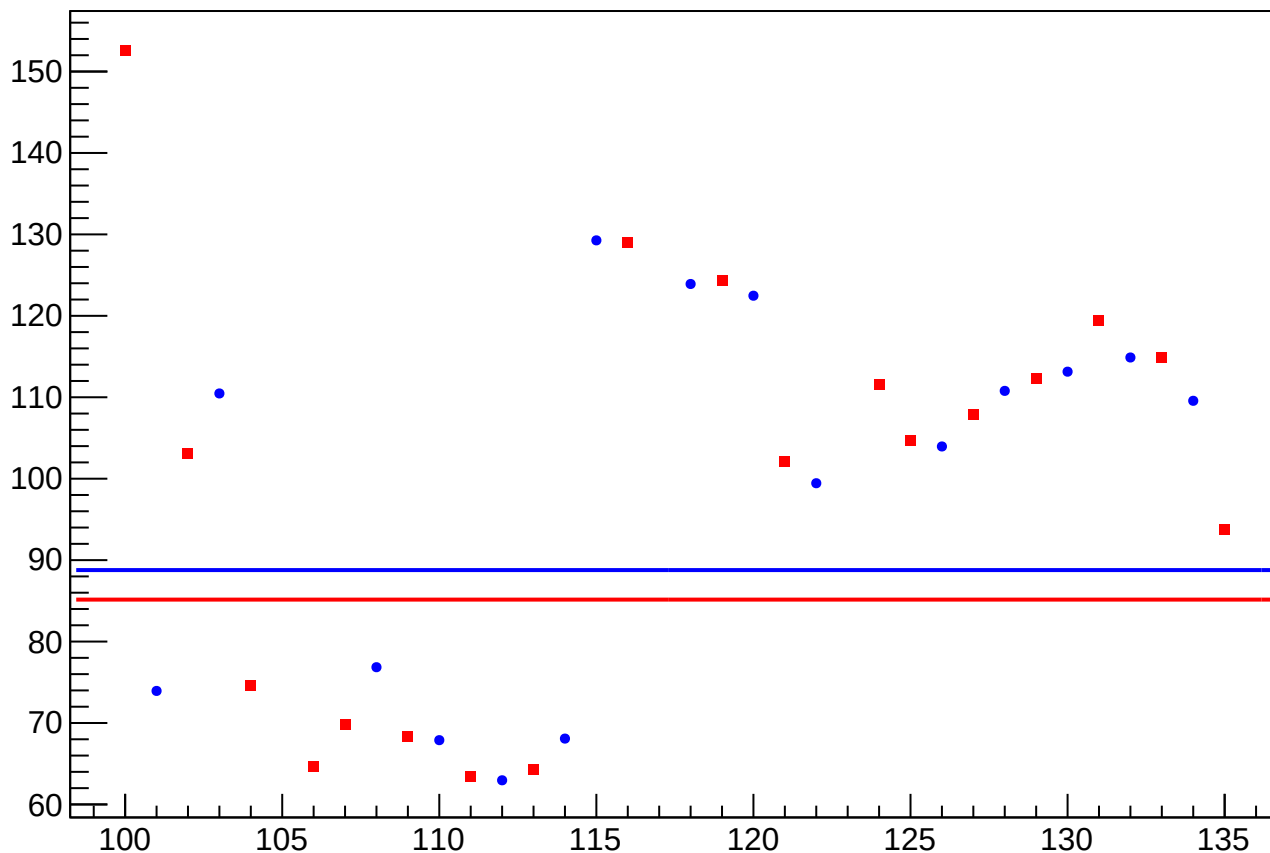
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.185+/-24.549 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1548_avg_rms vs Slug



Right In: 88.778+/-0.026 χ^2/NDF : 724595.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 85.153+/-0.023 χ^2/NDF : 883731.8/17

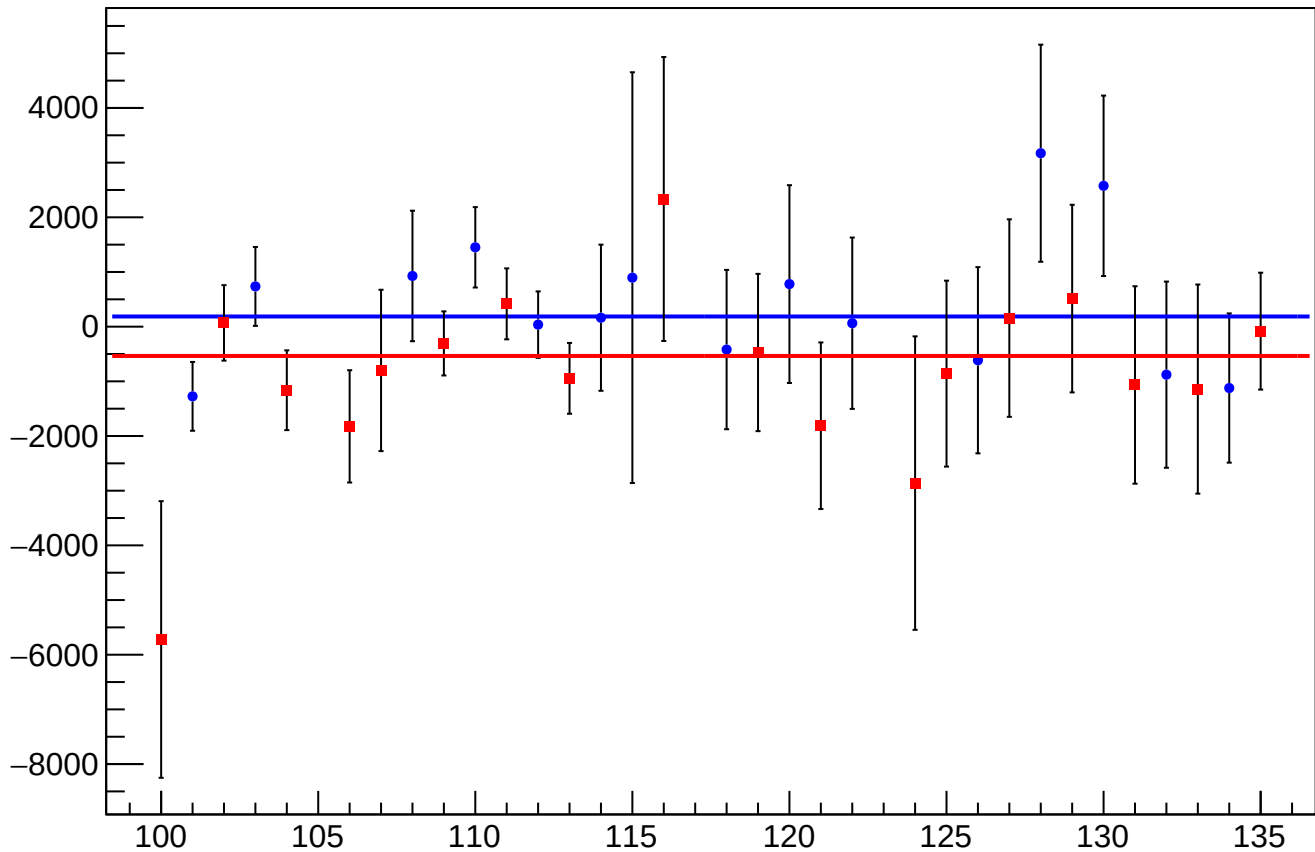
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.784+/-0.017 χ^2/NDF : 1619122.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_correction_mean vs Slug



Right In: 186.081 ± 273.513 $\chi^2/\text{NDF}: 15.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -535.673 ± 243.552 $\chi^2/\text{NDF}: 13.6/17$

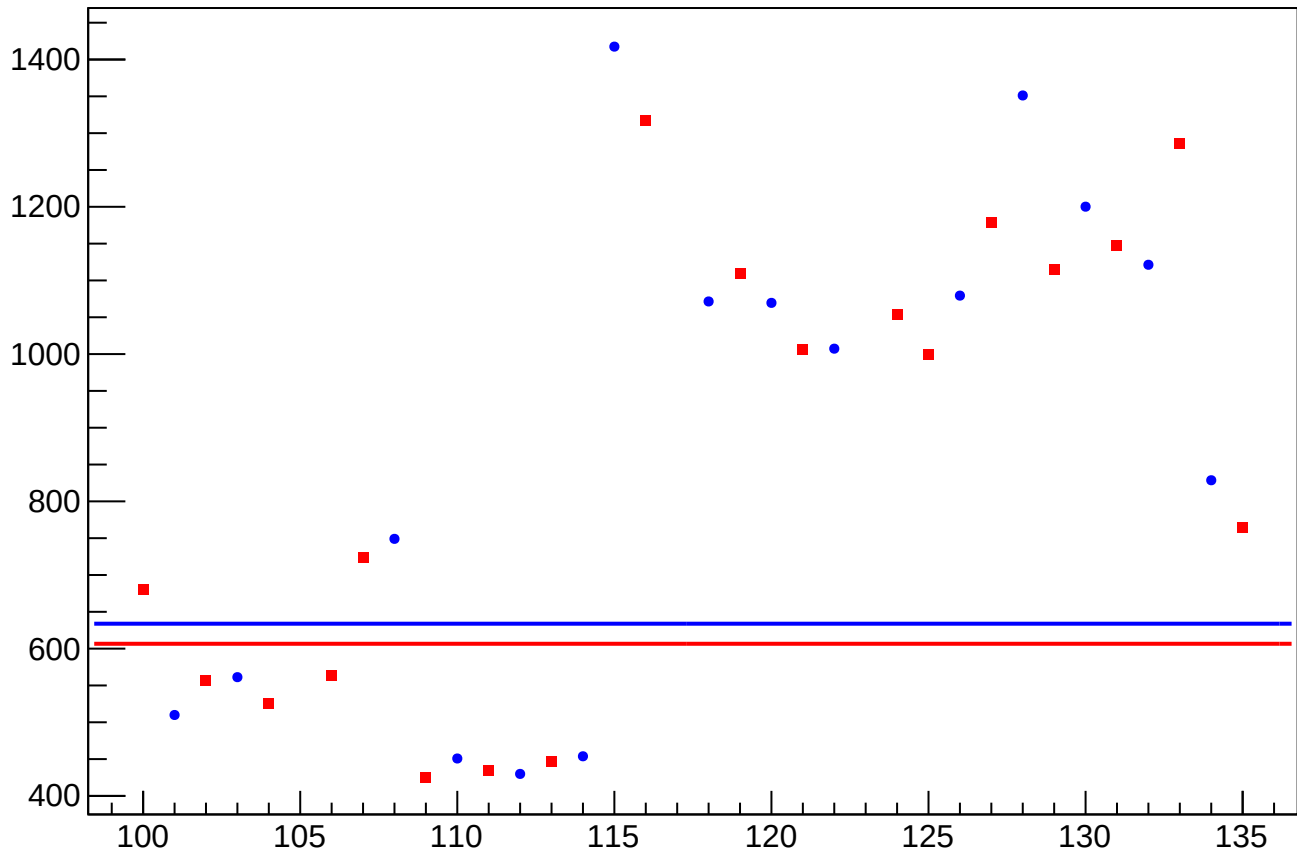
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -216.478 ± 181.891 $\chi^2/\text{NDF}: 33.1/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1548_avg_dit_correction_rms vs Slug



Right In: 633.858 ± 0.193 χ^2/NDF : 1837299.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

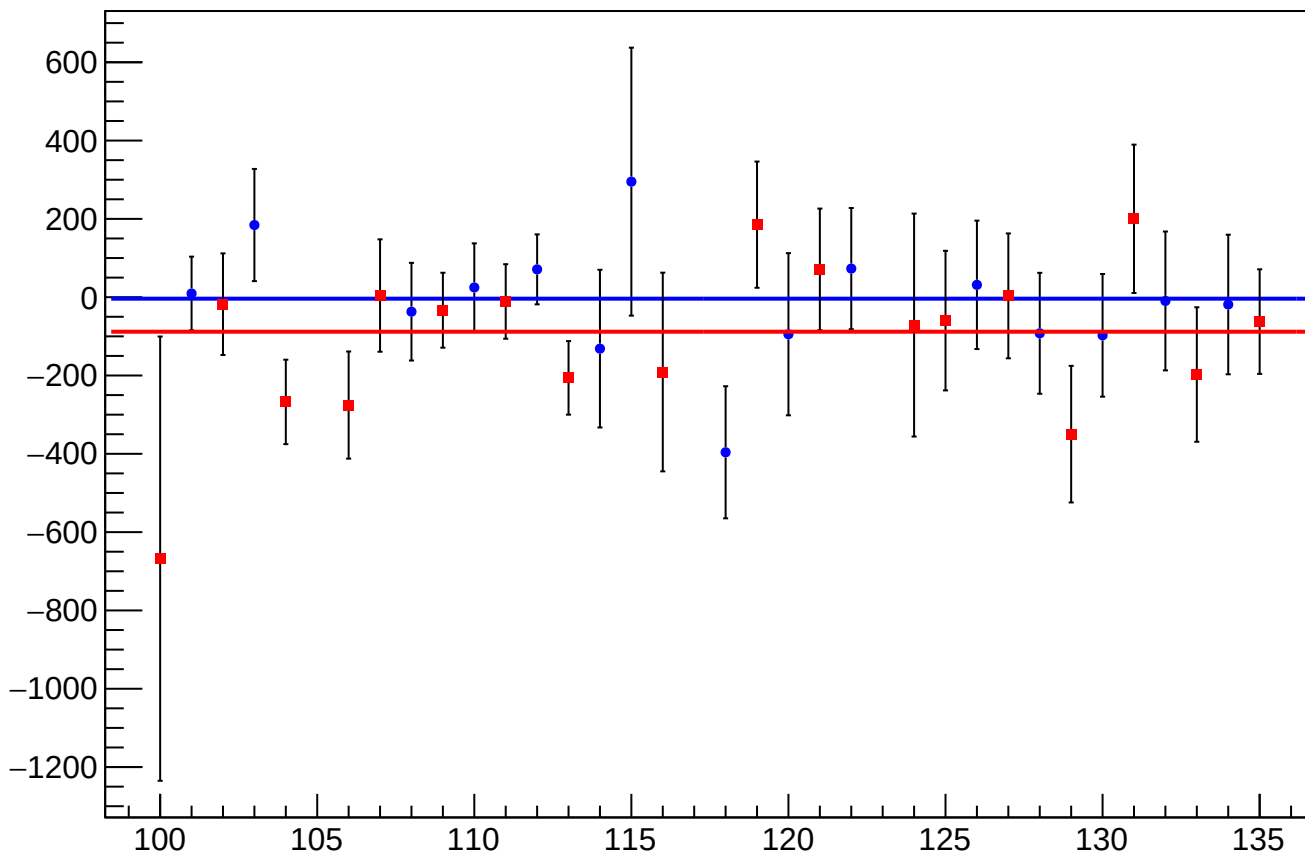
Right Out: 606.608 ± 0.172 χ^2/NDF : 2052986.2/17

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 618.659 ± 0.129 χ^2/NDF : 3901359.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_mean vs Slug



Right In: -3.775+/-36.598 χ^2/NDF : 10.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -88.145+/-33.099 χ^2/NDF : 18.4/17

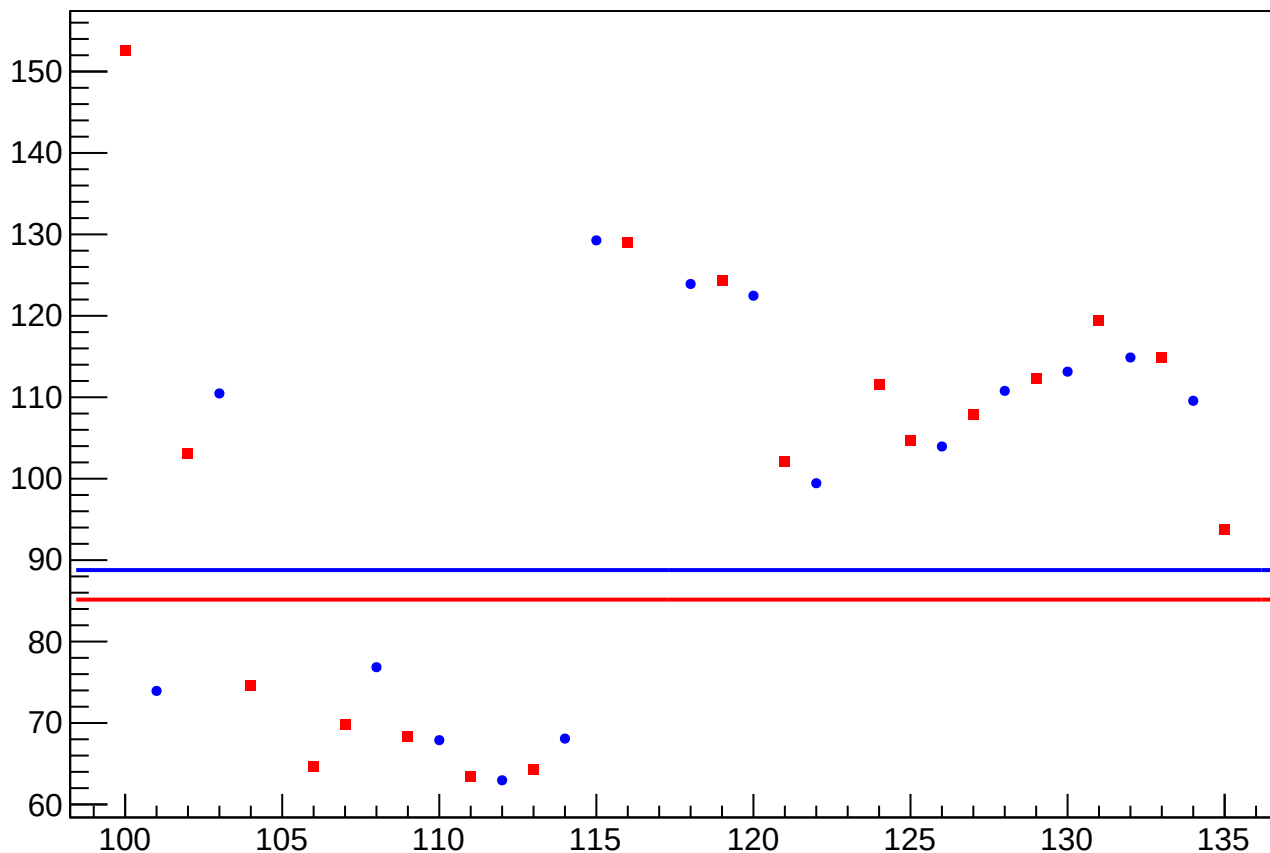
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -50.185+/-24.549 χ^2/NDF : 31.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1548_avg_rms vs Slug



Right In: 88.778 $\pm$ 0.026 χ^2 /NDF: 724595.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 85.152 $\pm$ 0.023 χ^2 /NDF: 883733.8/17

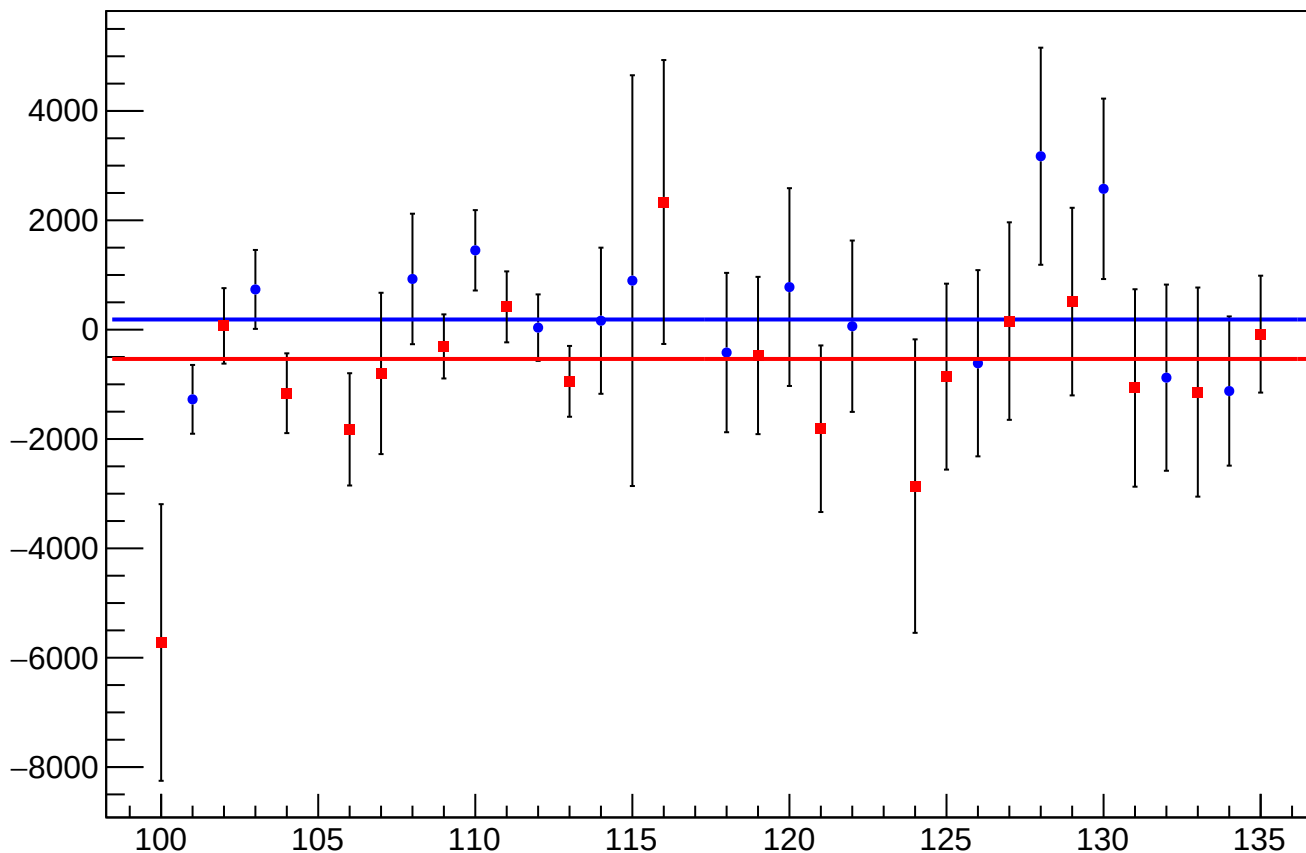
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 86.784 $\pm$ 0.017 χ^2 /NDF: 1619123.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_correction_mean vs Slug



Right In: 186.081 ± 273.513 $\chi^2/\text{NDF}: 15.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -535.672 ± 243.551 $\chi^2/\text{NDF}: 13.6/17$

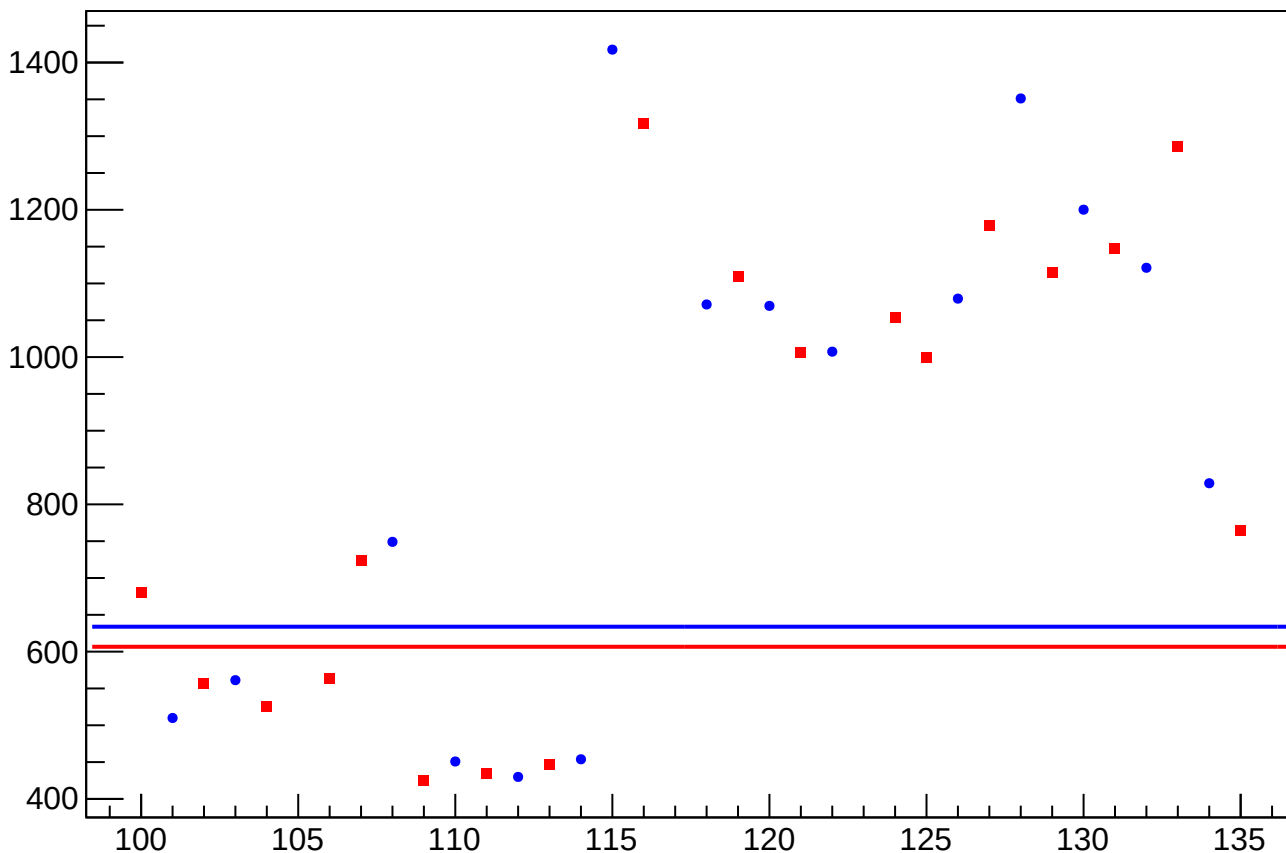
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -216.478 ± 181.891 $\chi^2/\text{NDF}: 33.1/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_1548_avg_eigen_dit_correction_rms vs Slug



Right In: 633.858 ± 0.193 χ^2/NDF : 1837305.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

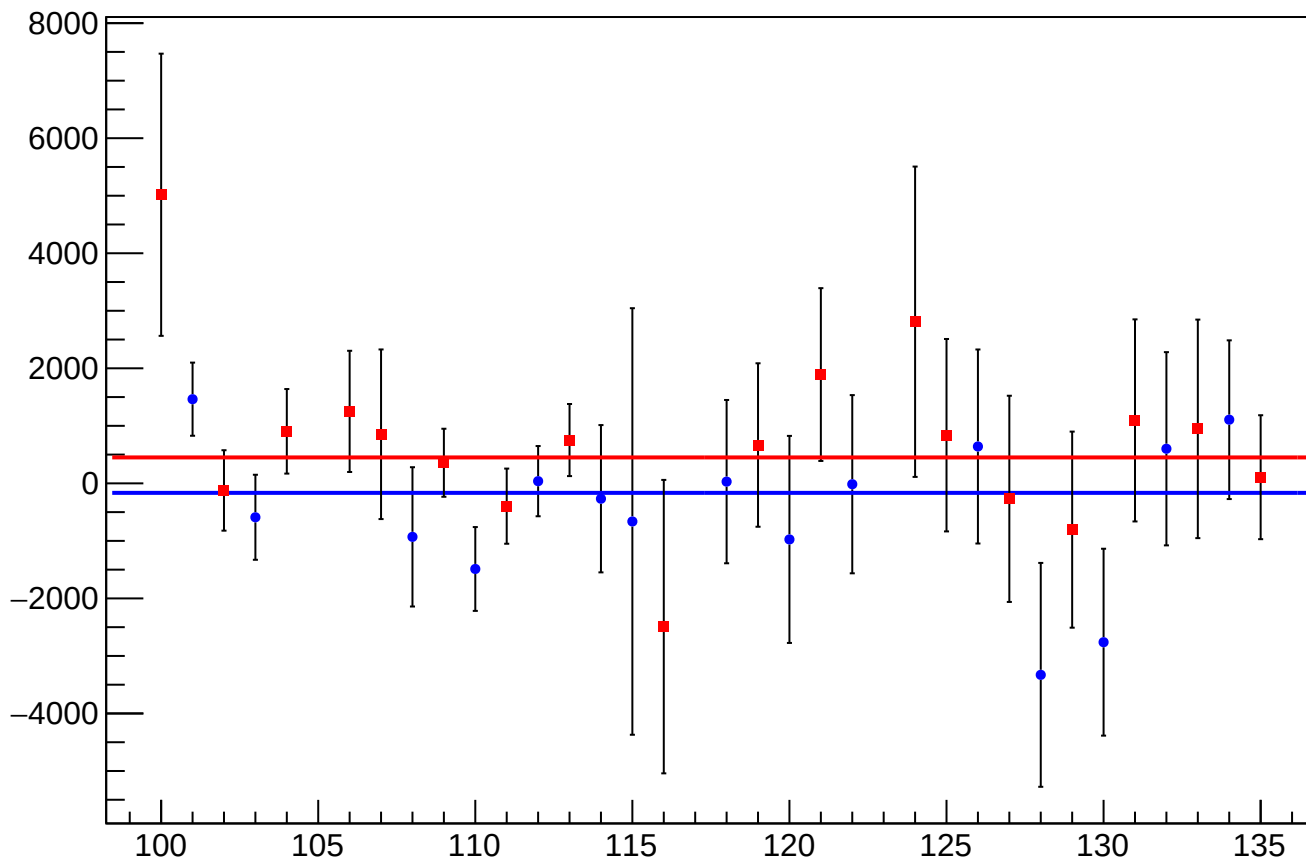
Right Out: 606.607 ± 0.172 χ^2/NDF : 2052989.3/17

All: 618.659 ± 0.129 χ^2/NDF : 3901367.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_mean vs Slug



Right In: -165.127 ± 273.852 χ^2/NDF : 17.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 450.800 ± 243.398 χ^2/NDF : 11.2/17

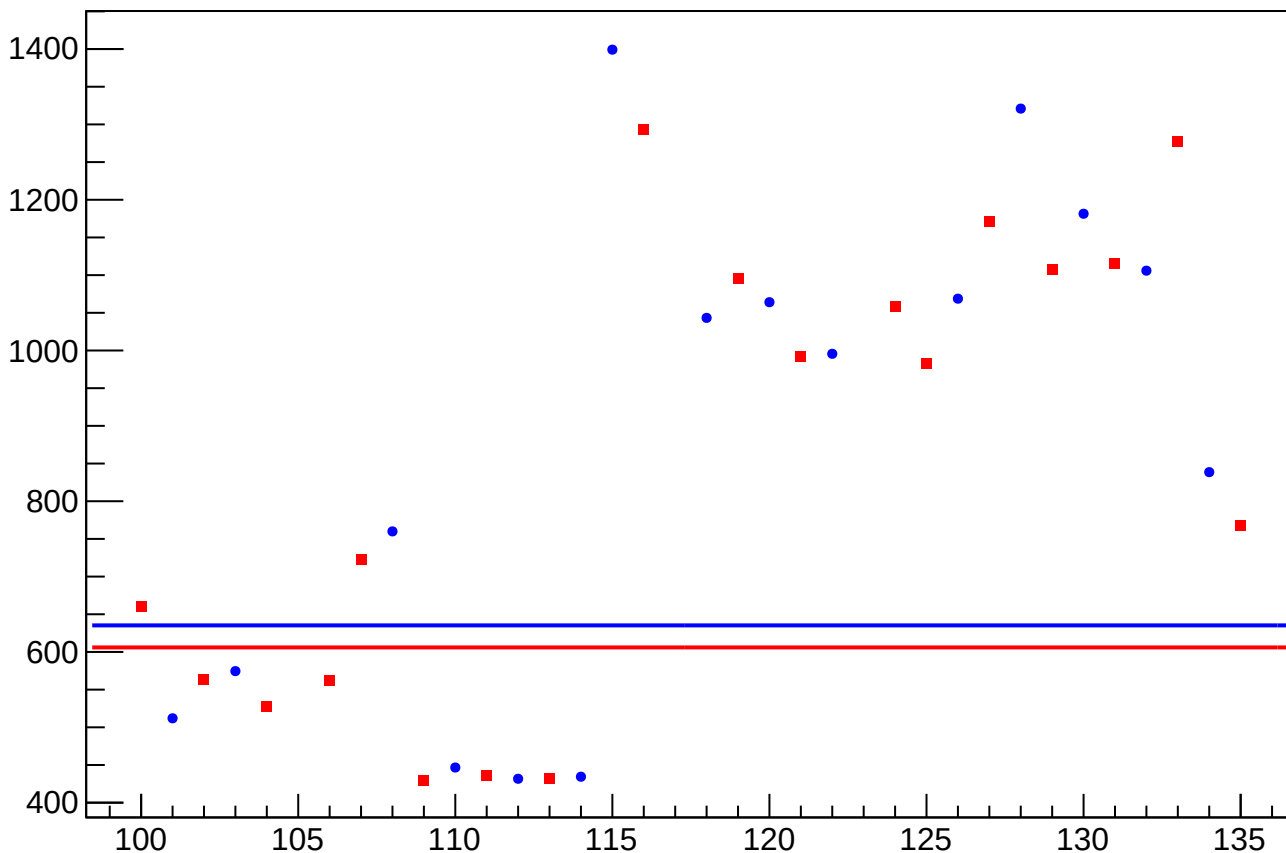
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 178.975 ± 181.926 χ^2/NDF : 31.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_rms vs Slug



Right In: 635.246+/-0.194 χ^2/NDF : 1794704.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

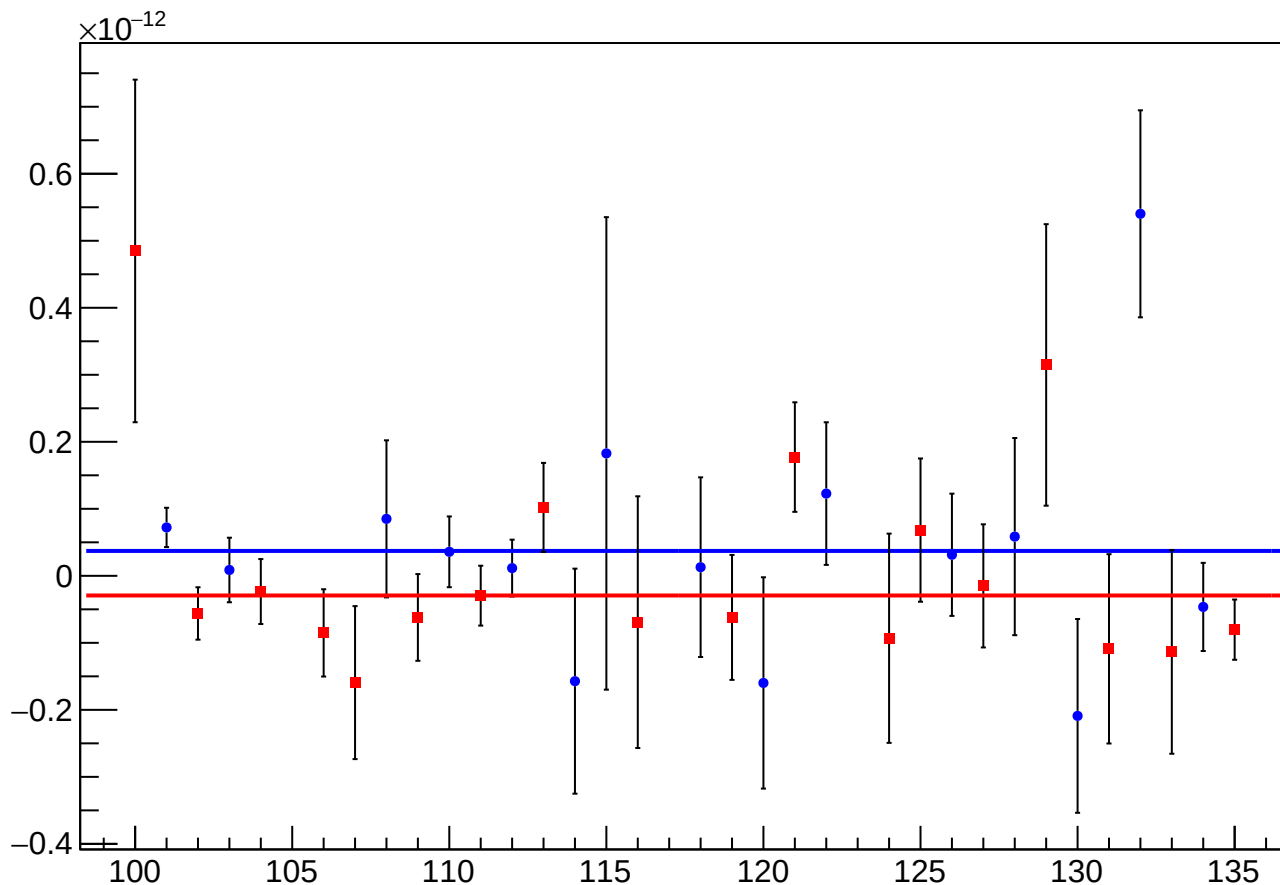
Right Out: 606.009+/-0.172 χ^2/NDF : 2021323.8/17

All: 618.912+/-0.129 χ^2/NDF : 3828763.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 21.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 22.9/17

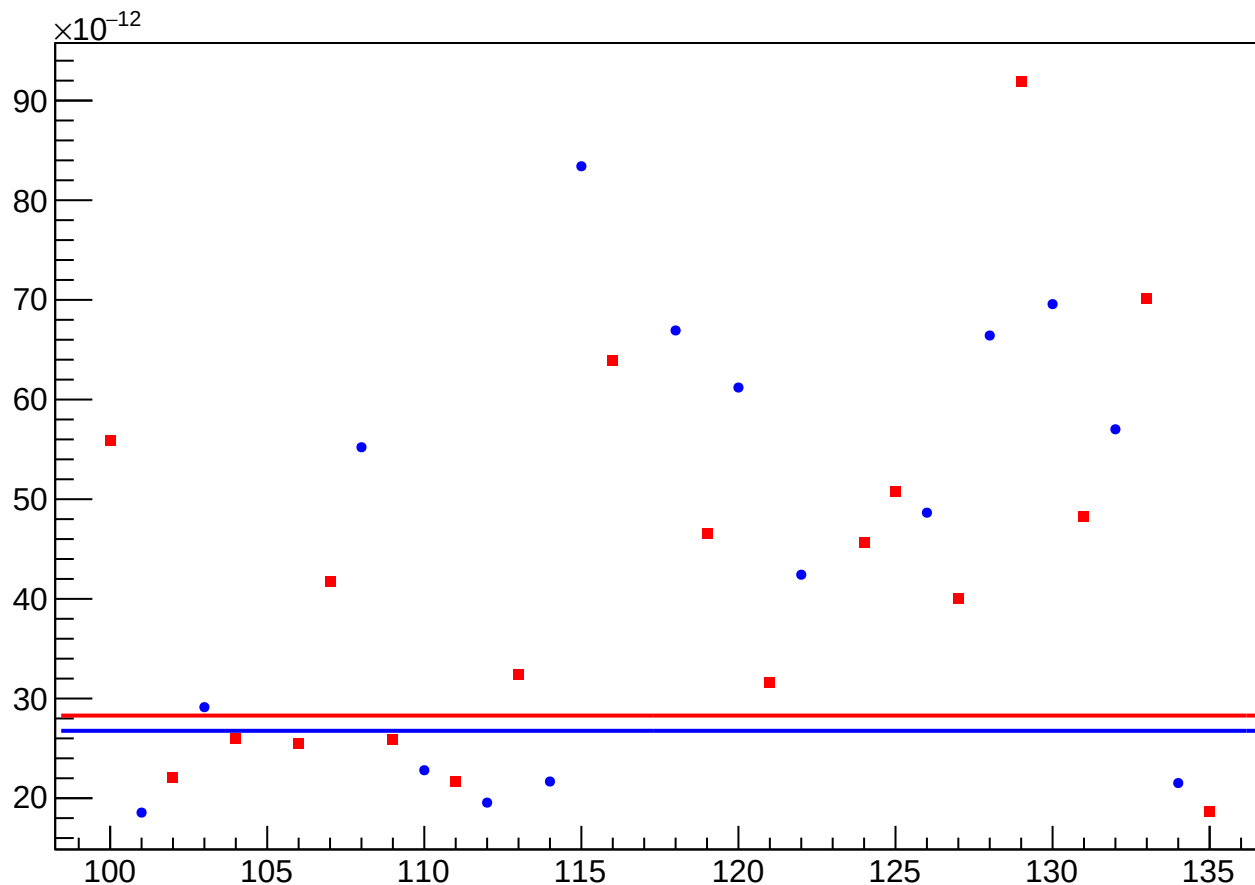
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 51.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1245019.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 929416.5/17

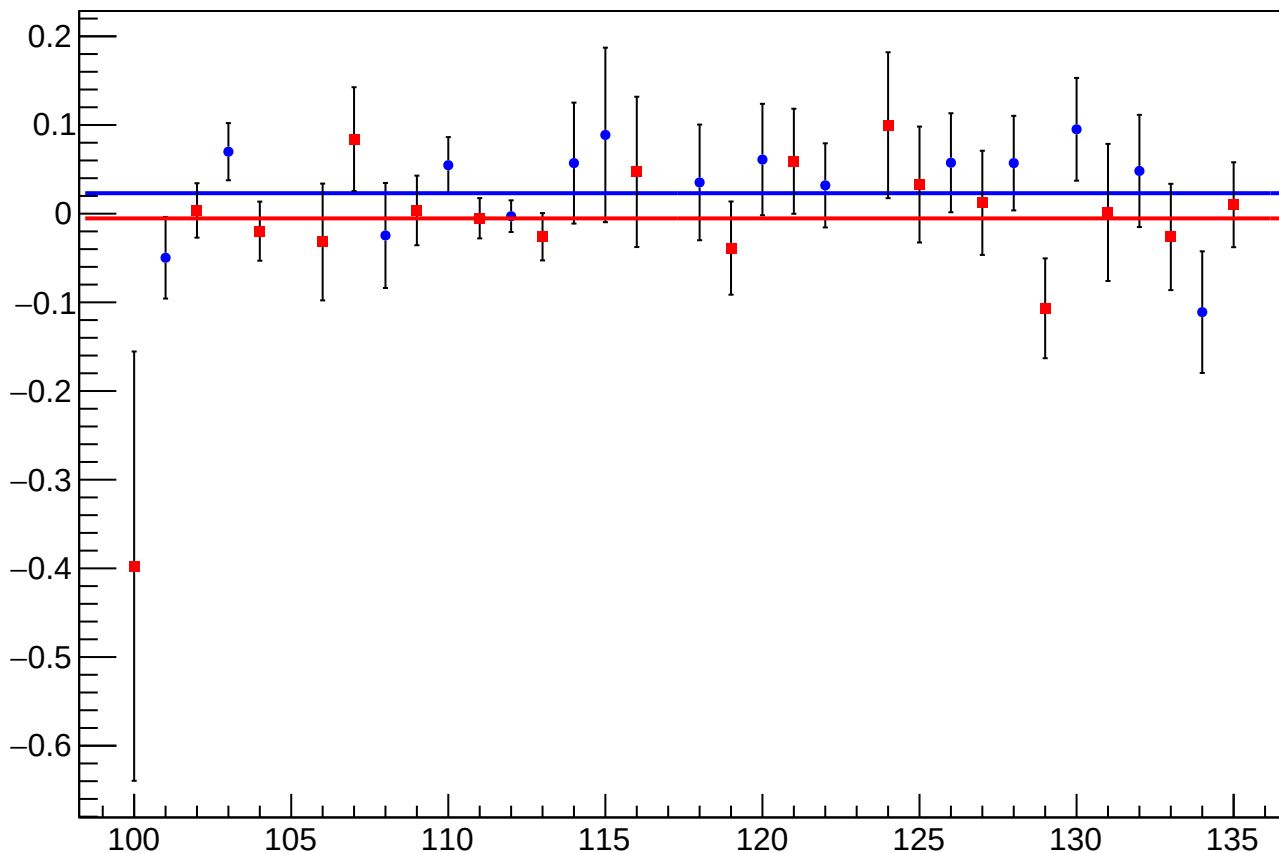
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2182398.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

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

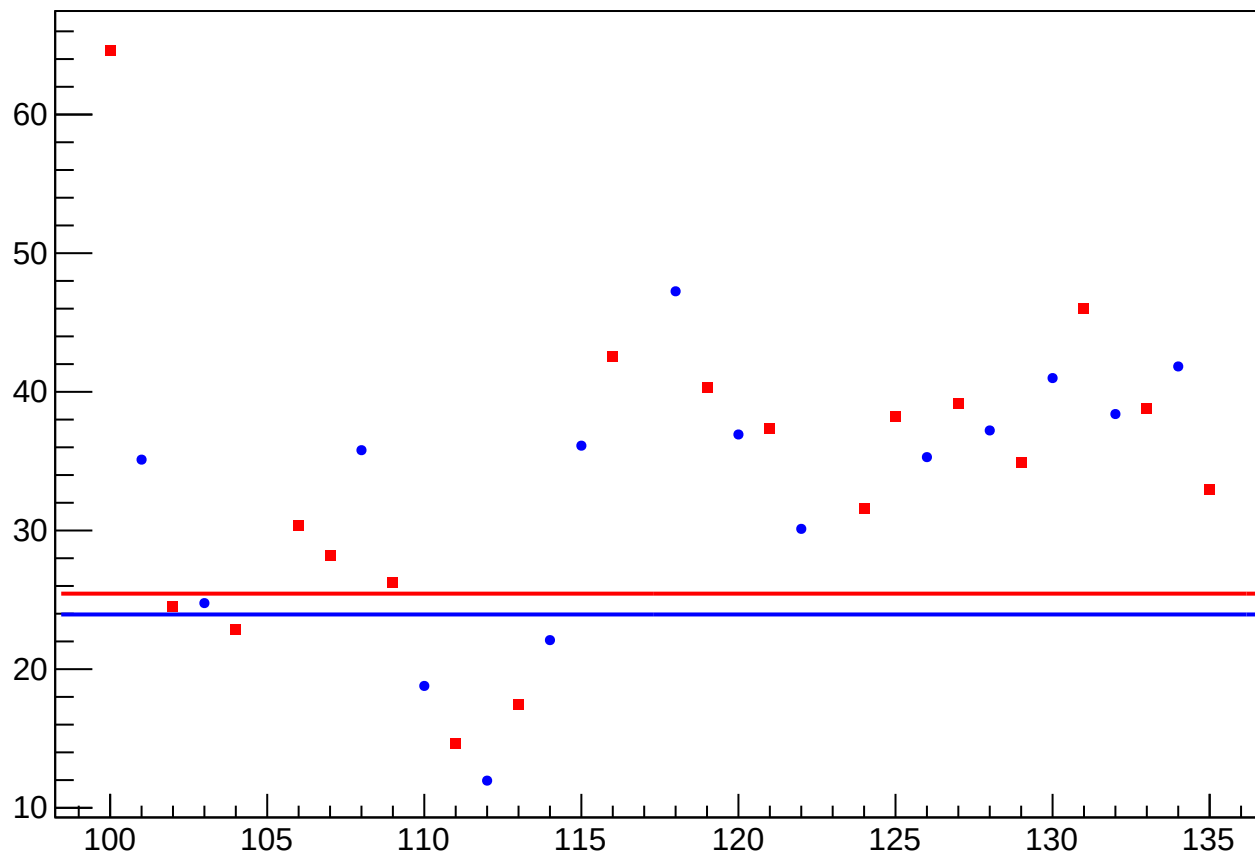
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_cor_diff_rms vs Slug



Right In: 23.945+/-0.008 χ^2/NDF : 2177489.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584203.1/17

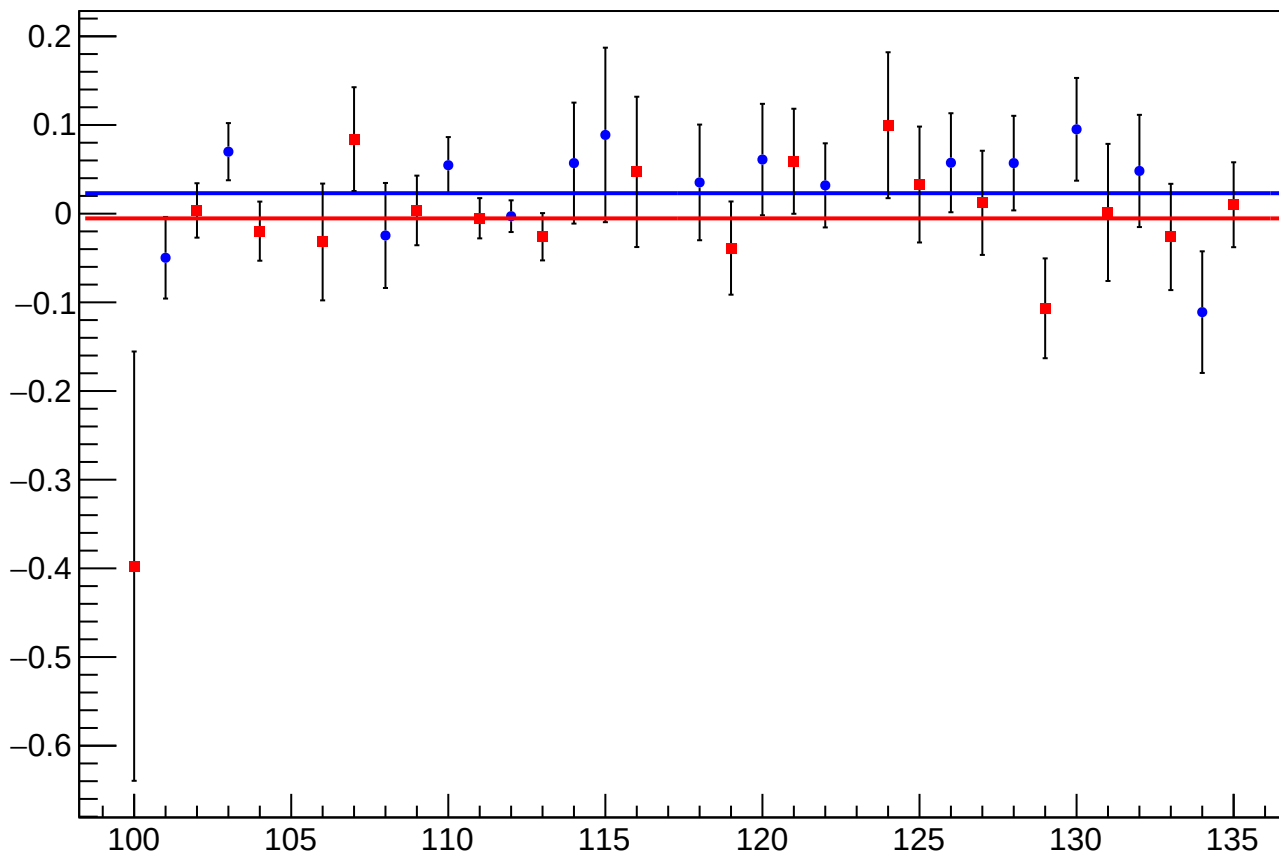
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.722+/-0.005 χ^2/NDF : 3781603.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

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

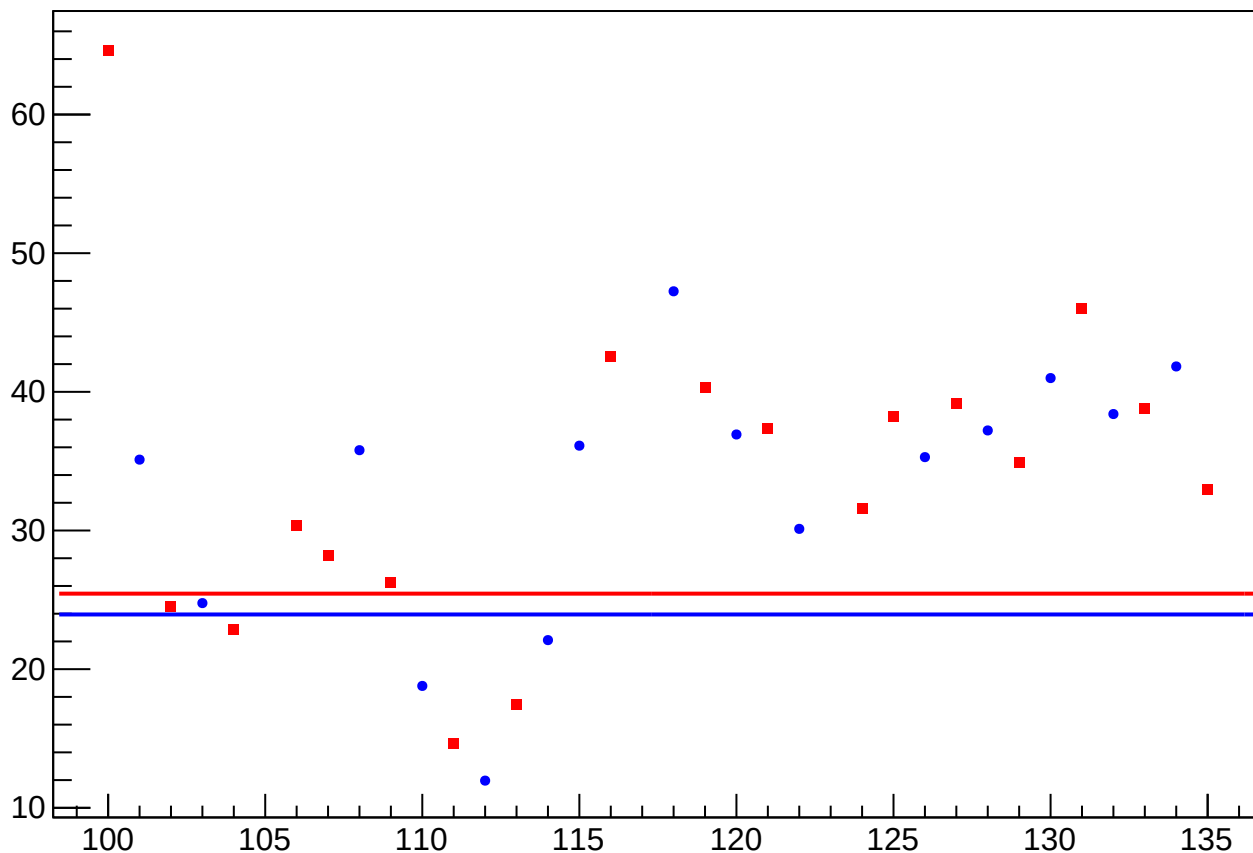
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.945+/-0.008 χ^2/NDF : 2177489.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584203.1/17

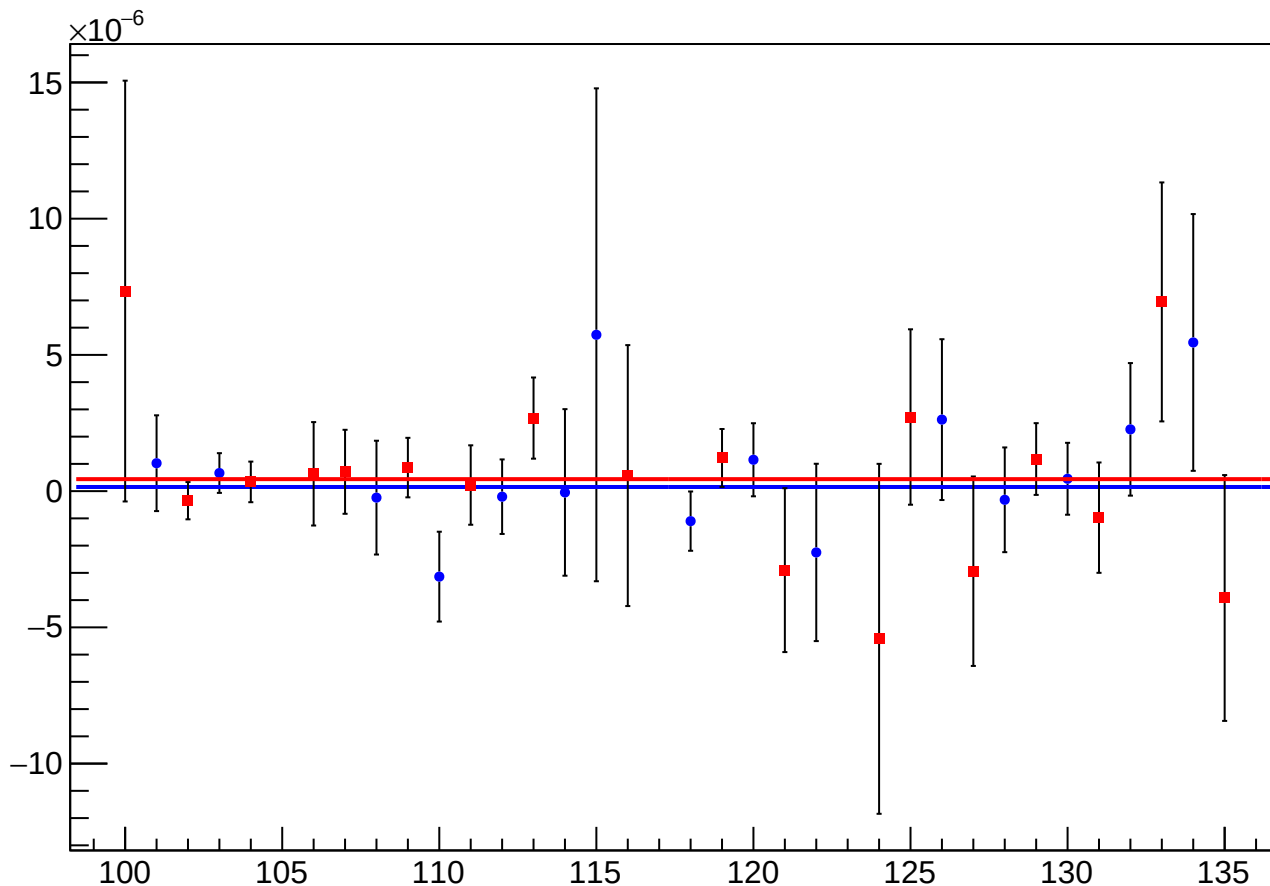
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.722+/-0.005 χ^2/NDF : 3781603.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.6/17

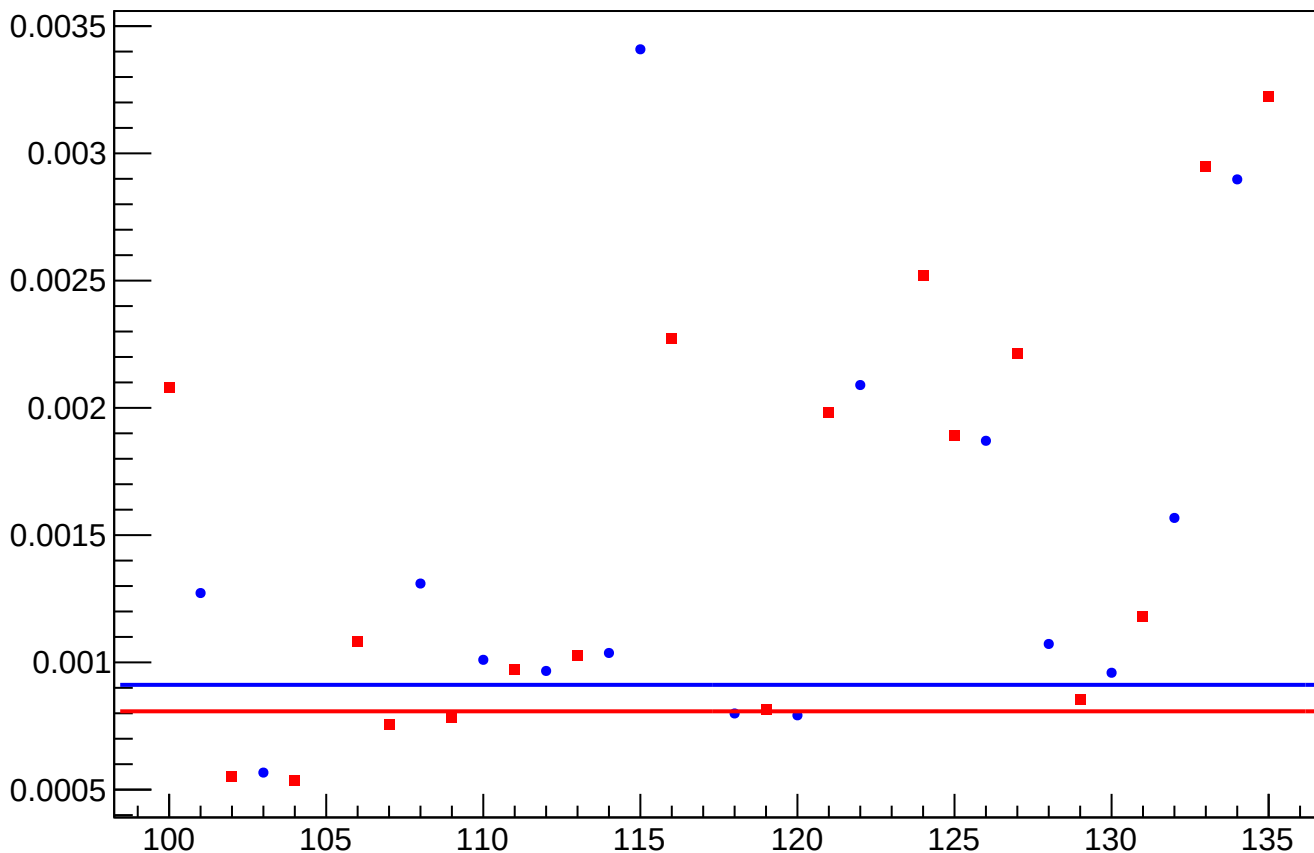
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1797835.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3026211.8/17

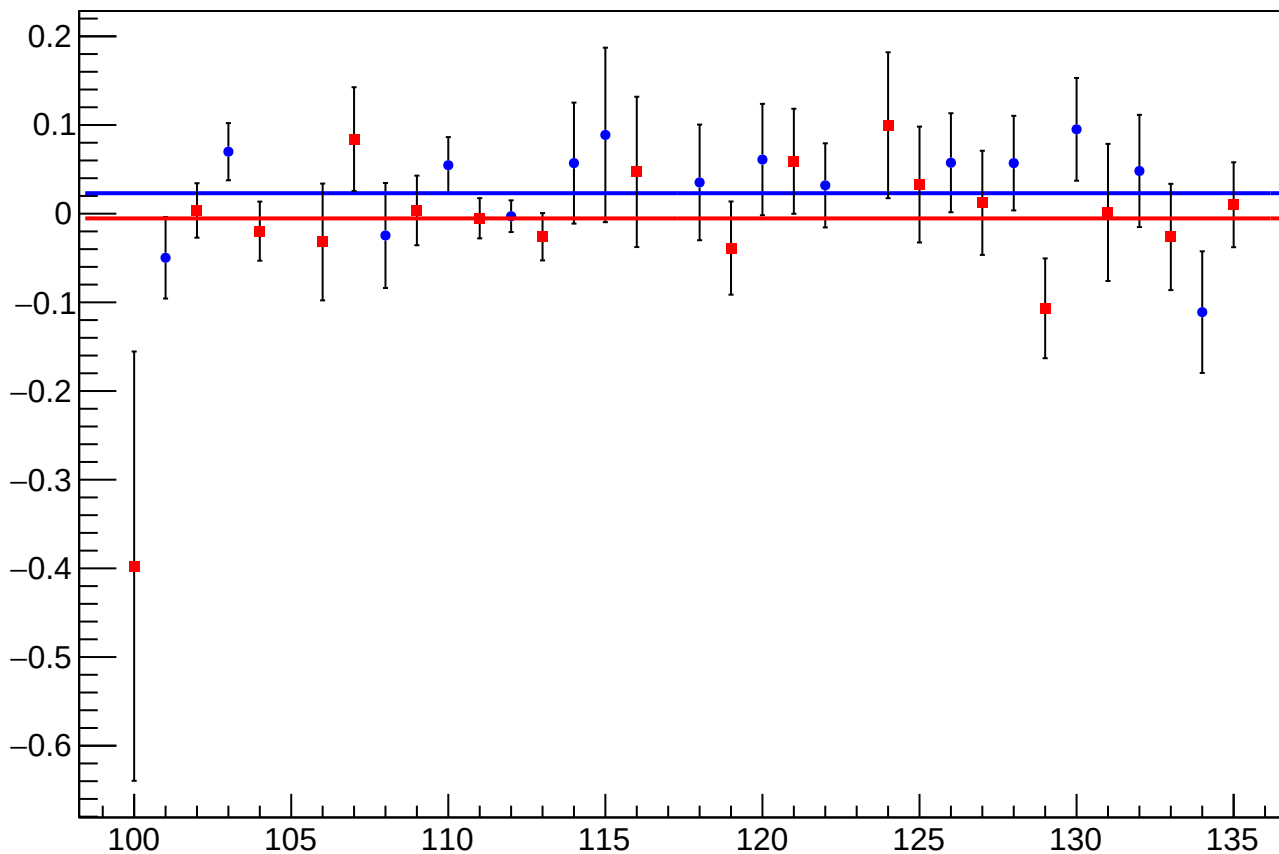
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 4901336.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

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

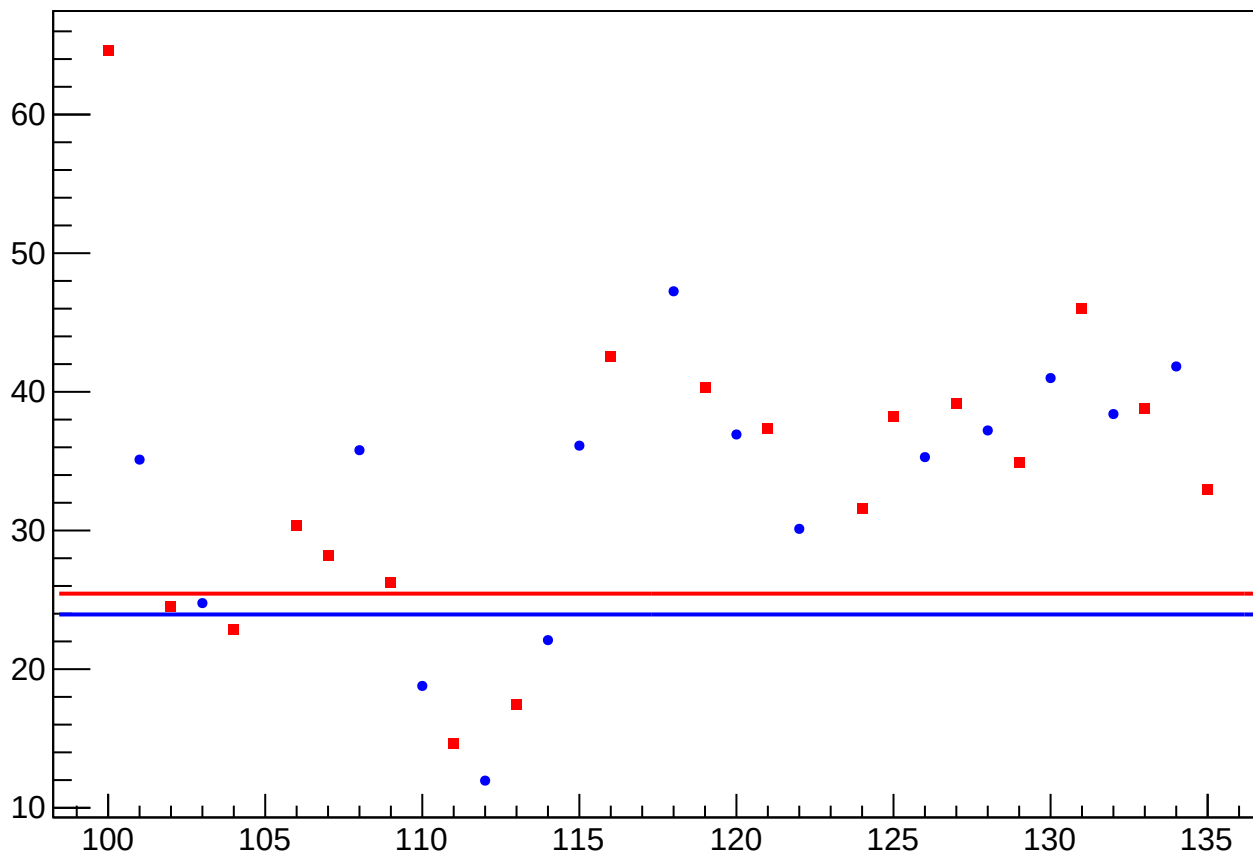
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584351.7/17

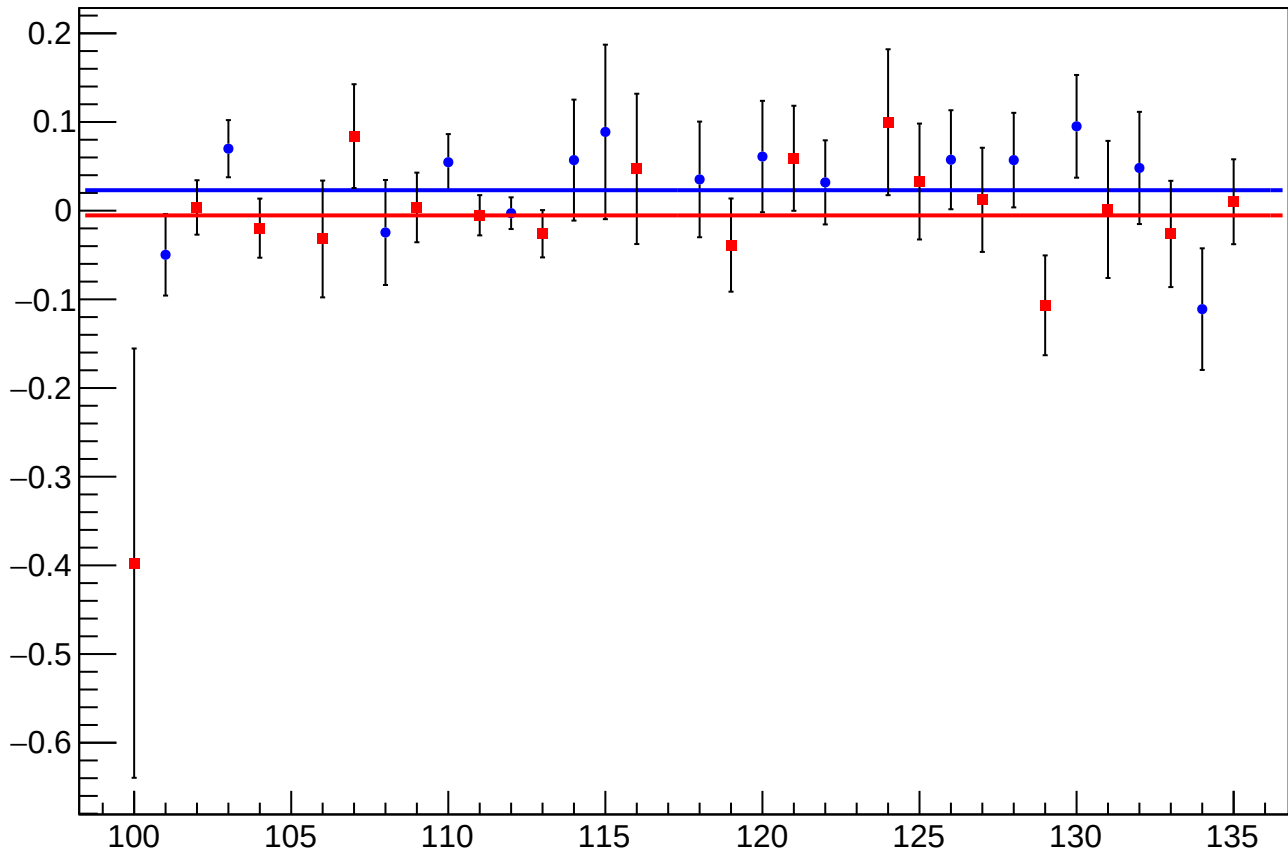
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.722+/-0.005 χ^2/NDF : 3781912.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.023 $\pm$ 0.011 χ^2 /NDF: 15.8/14

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

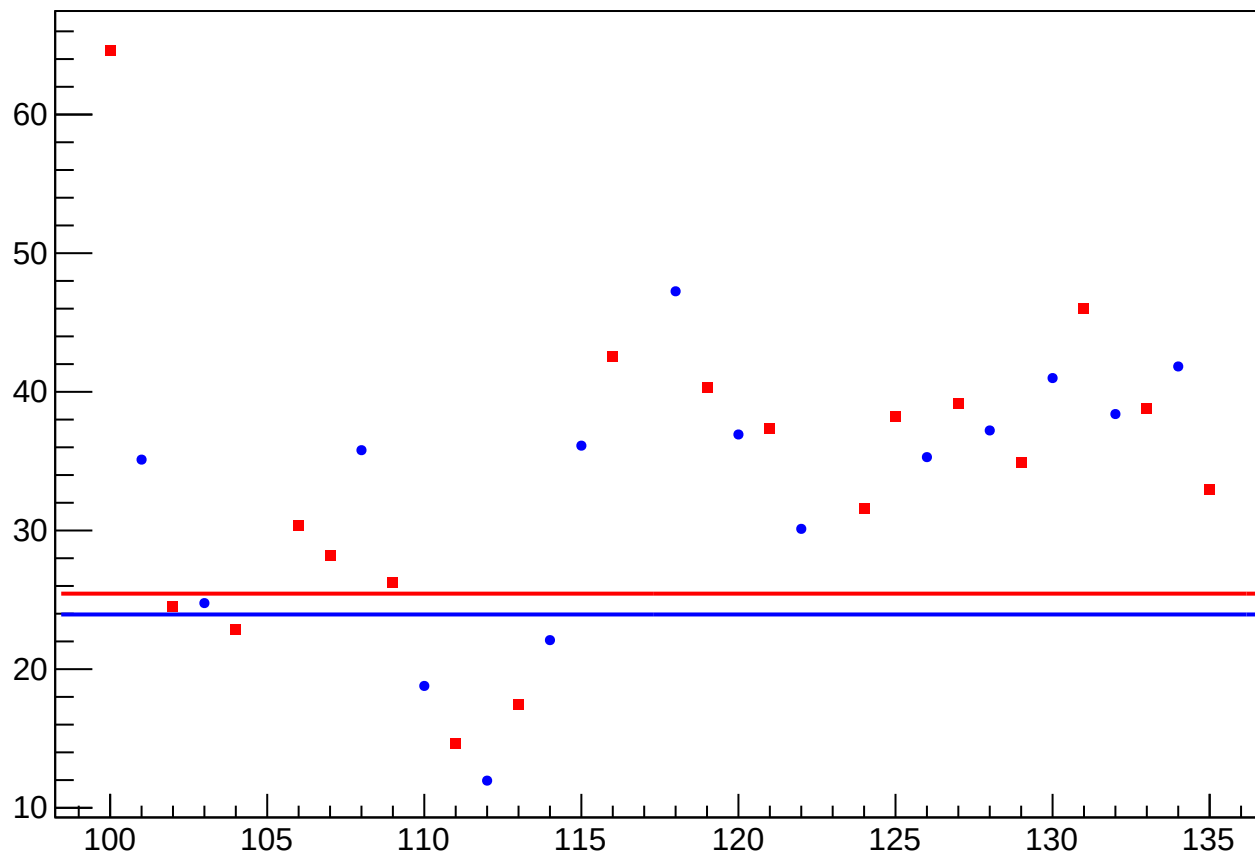
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.008 $\pm$ 0.008 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.944+/-0.008 χ^2/NDF : 2177644.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 25.446+/-0.007 χ^2/NDF : 1584351.7/17

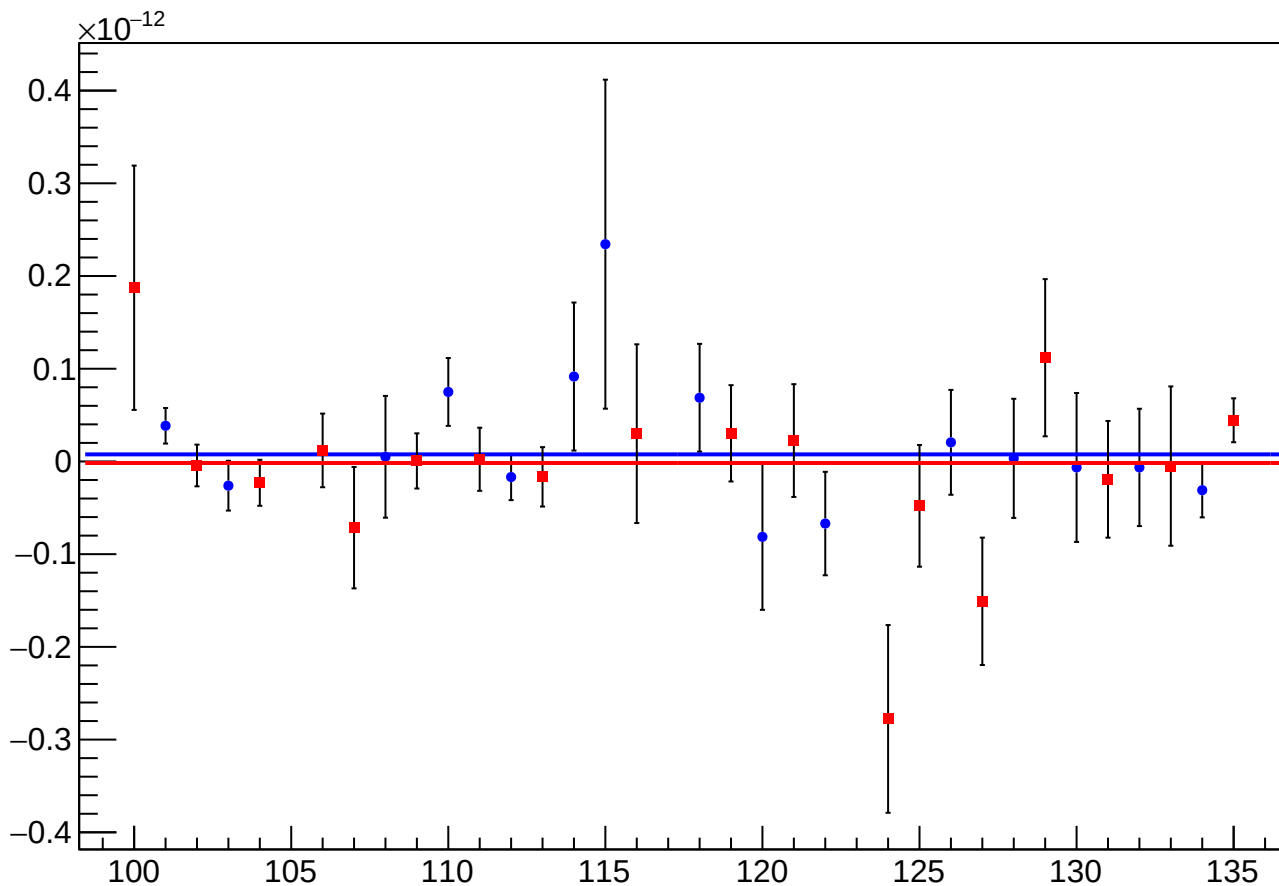
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 24.722+/-0.005 χ^2/NDF : 3781912.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 17.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.3/17

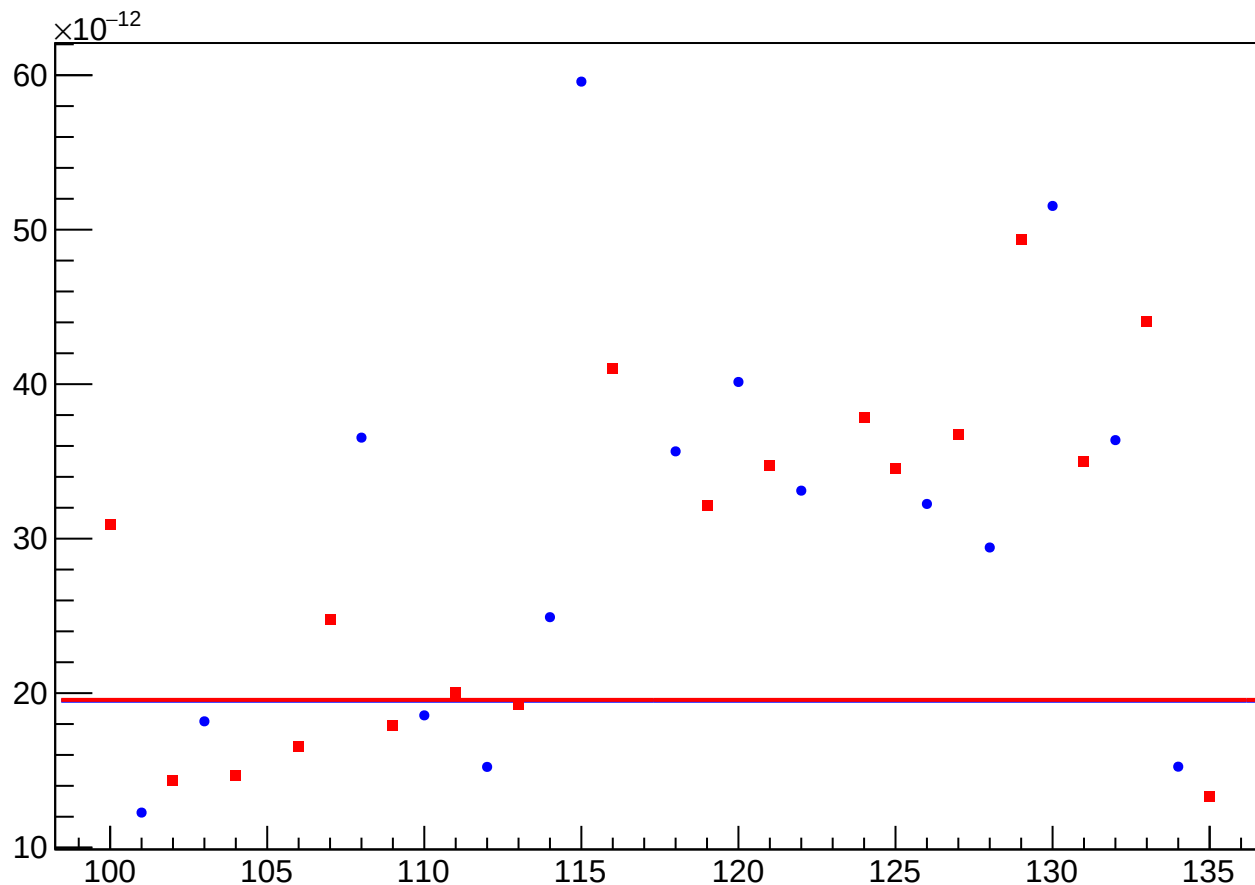
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 41.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1548_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1658366.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1539594.5/17

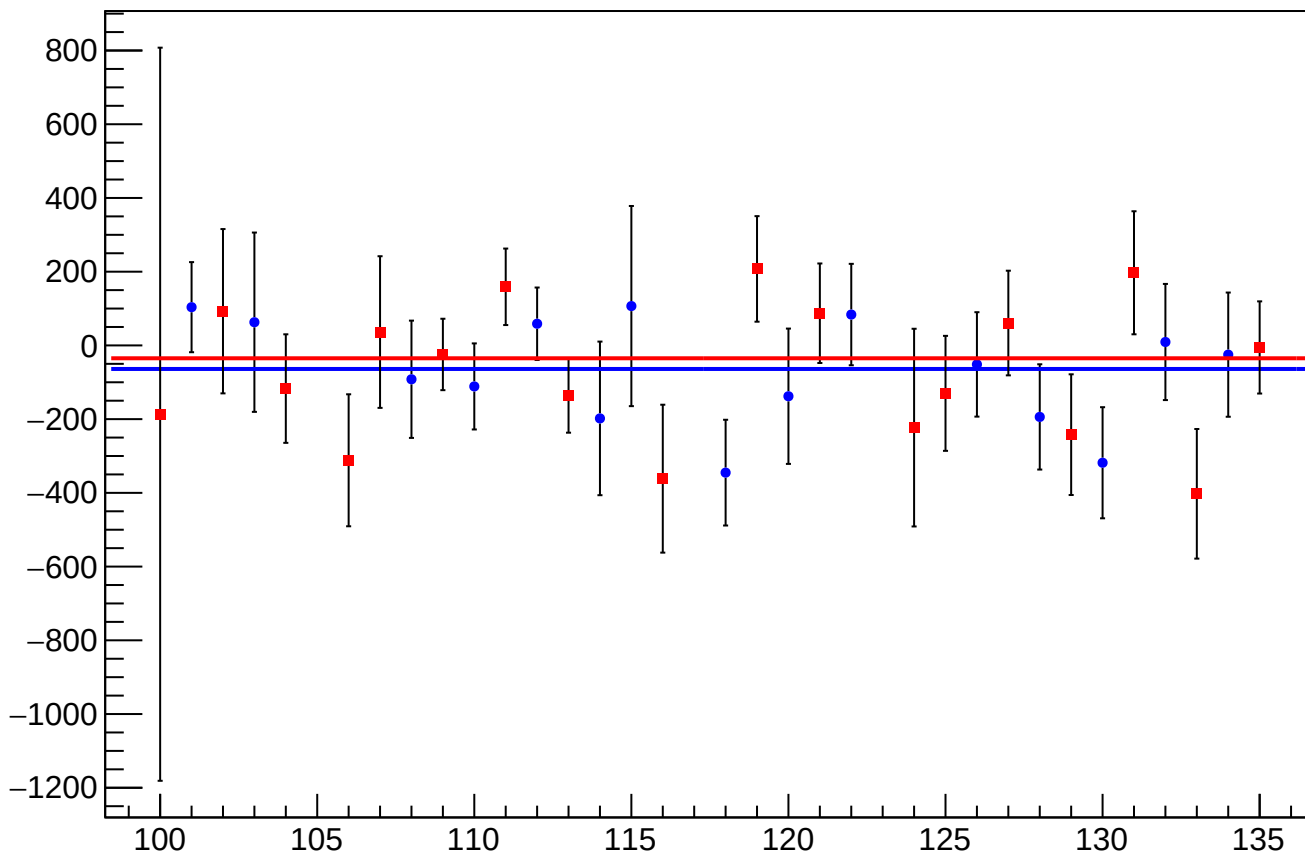
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3197990.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_mean vs Slug



Right In: -63.896+/-38.167 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.904+/-34.855 χ^2/NDF : 23.3/17

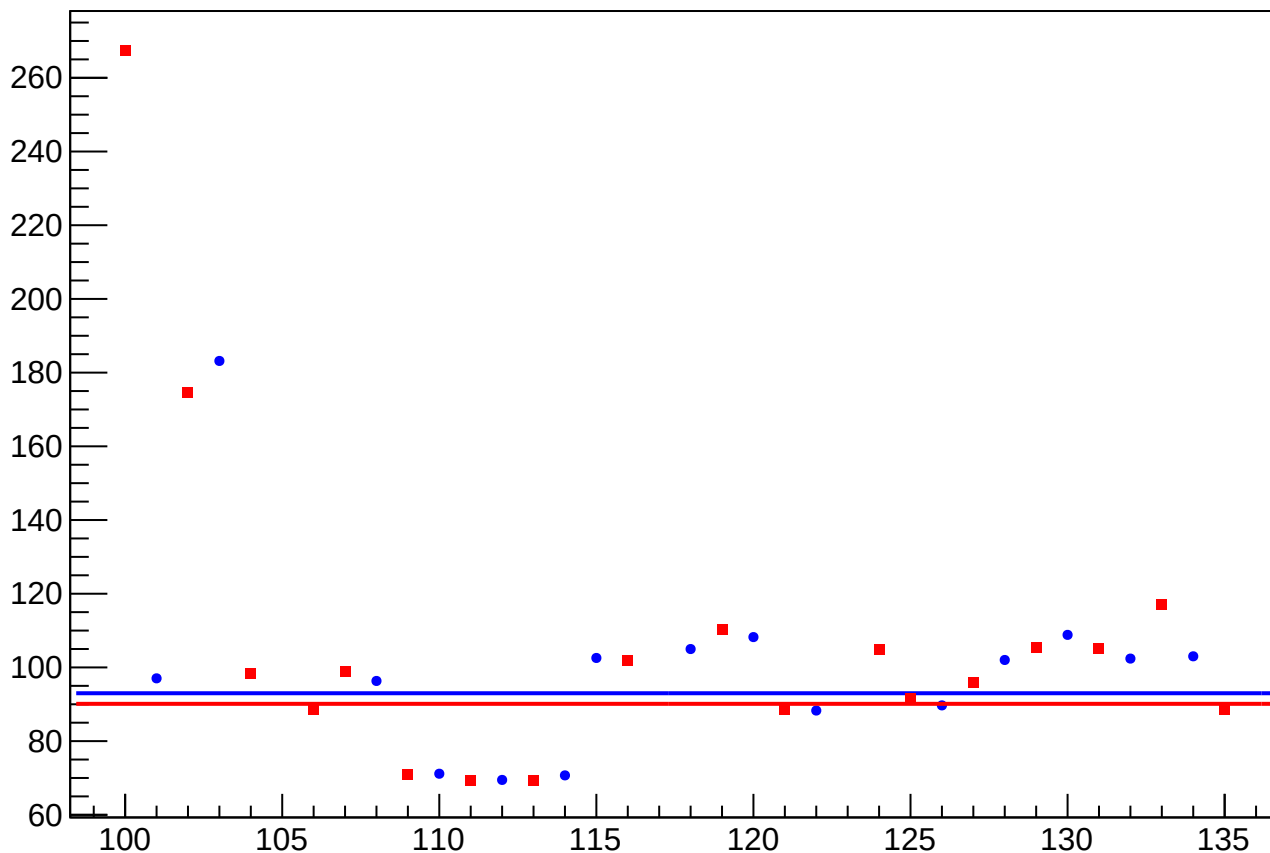
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -48.088+/-25.738 χ^2/NDF : 37.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_rms vs Slug



Right In: 92.994+/-0.027 χ^2/NDF : 563456.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 90.119+/-0.025 χ^2/NDF : 742985.0/17

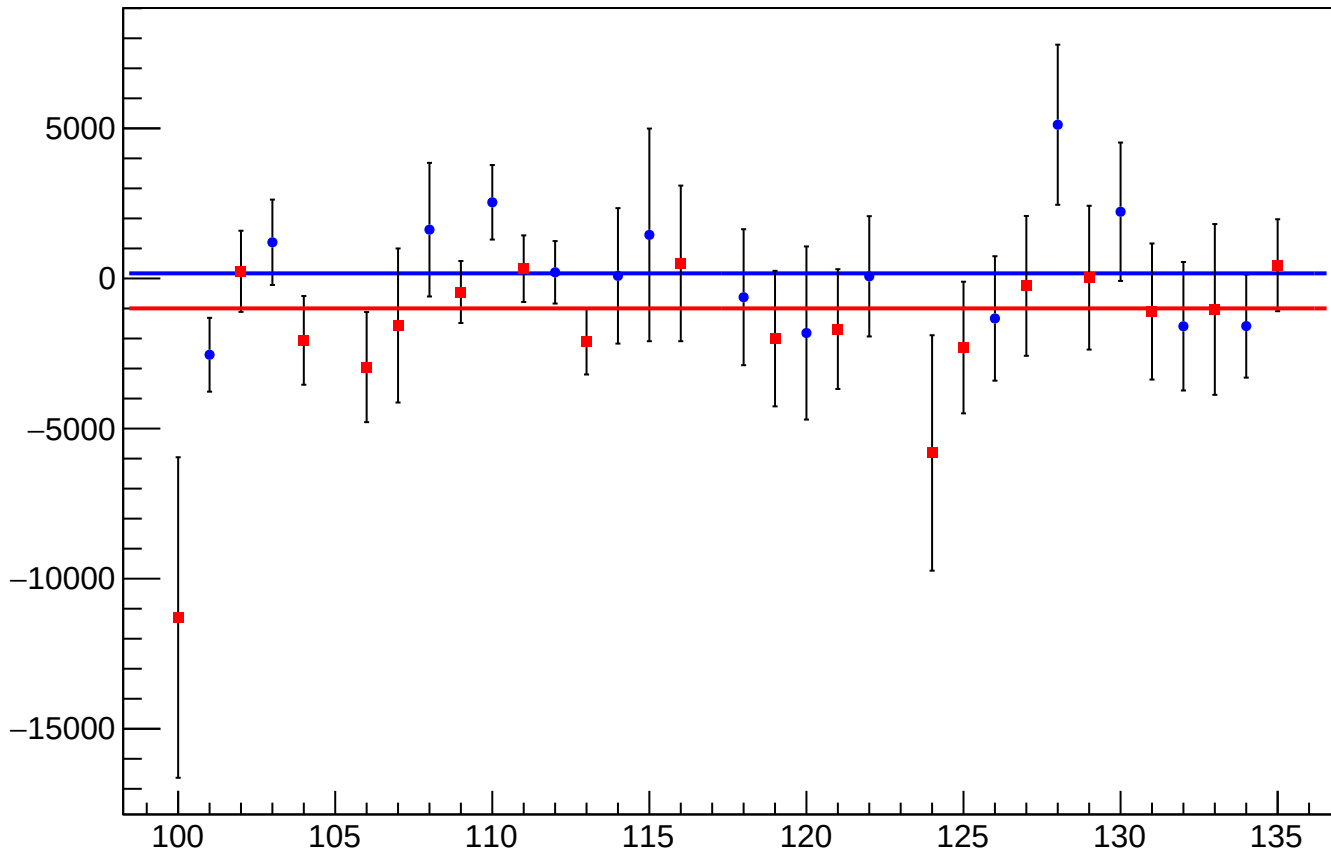
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 91.426+/-0.018 χ^2/NDF : 1312629.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_mean vs Slug



Right In: 170.299 ± 452.198 χ^2/NDF : 16.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -996.697 ± 406.736 χ^2/NDF : 12.7/17

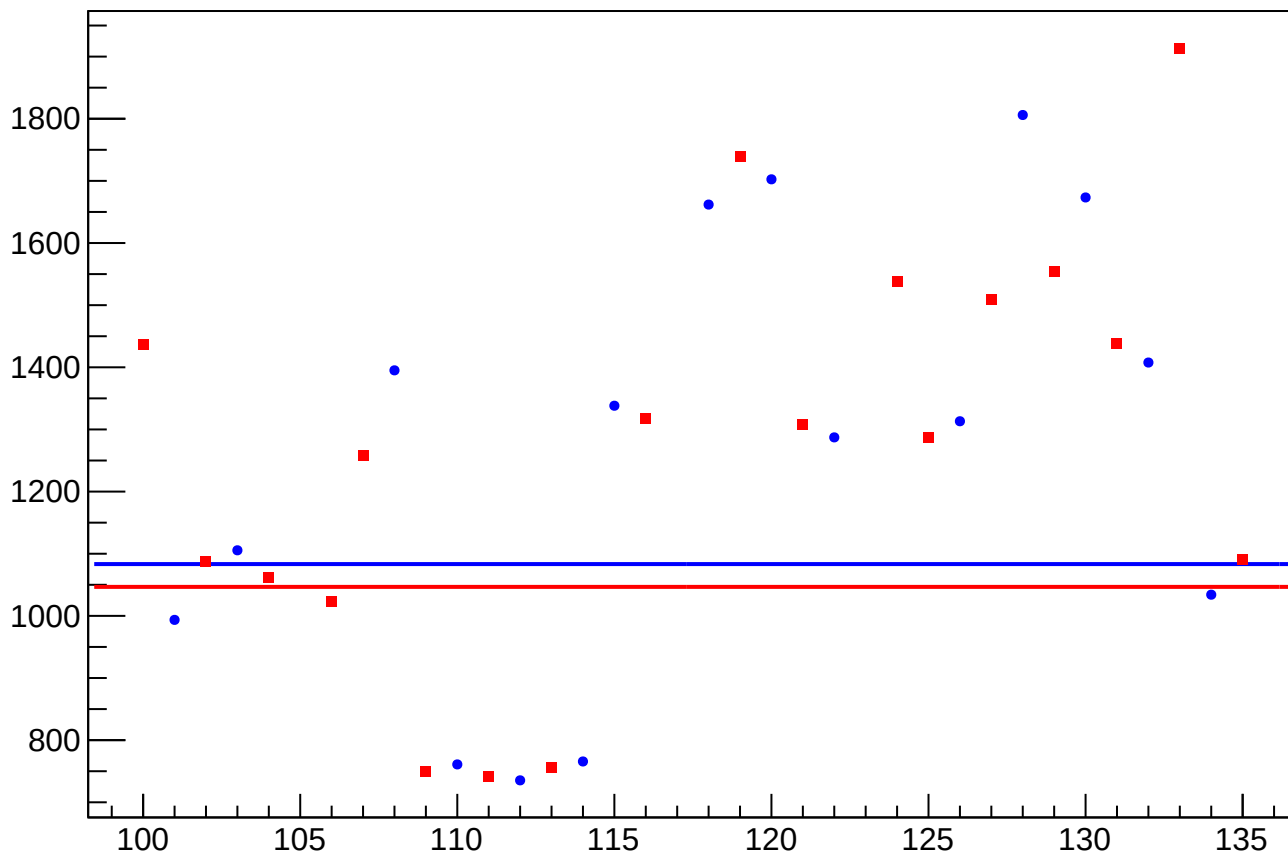
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -474.793 ± 302.405 χ^2/NDF : 33.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_correction_rms vs Slug



Right In: 1083.346+/-0.320 χ^2/NDF : 1052702.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

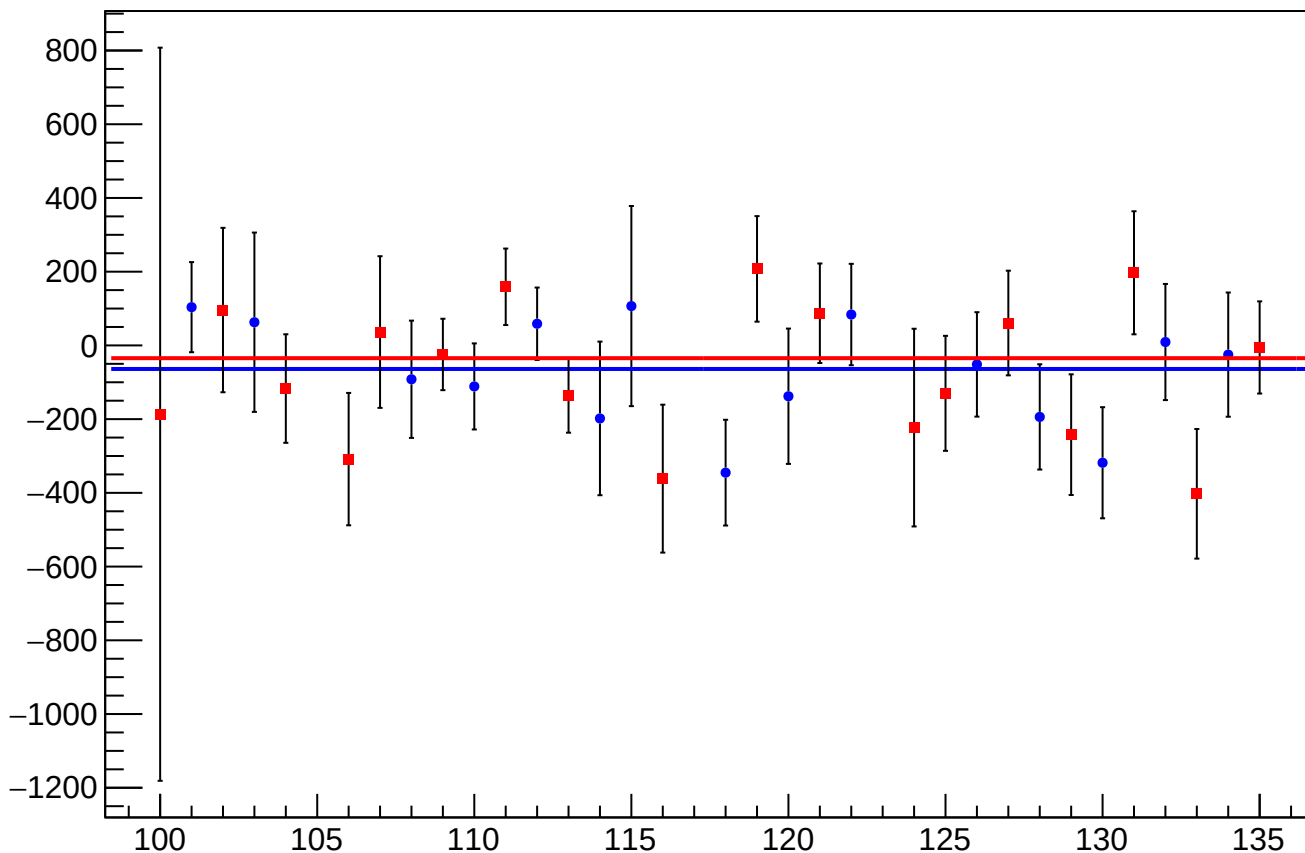
Right Out: 1046.653+/-0.288 χ^2/NDF : 1198574.4/17

All: 1063.063+/-0.214 χ^2/NDF : 2258555.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_mean vs Slug



Right In: -63.911+/-38.167 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.646+/-34.860 χ^2/NDF : 23.3/17

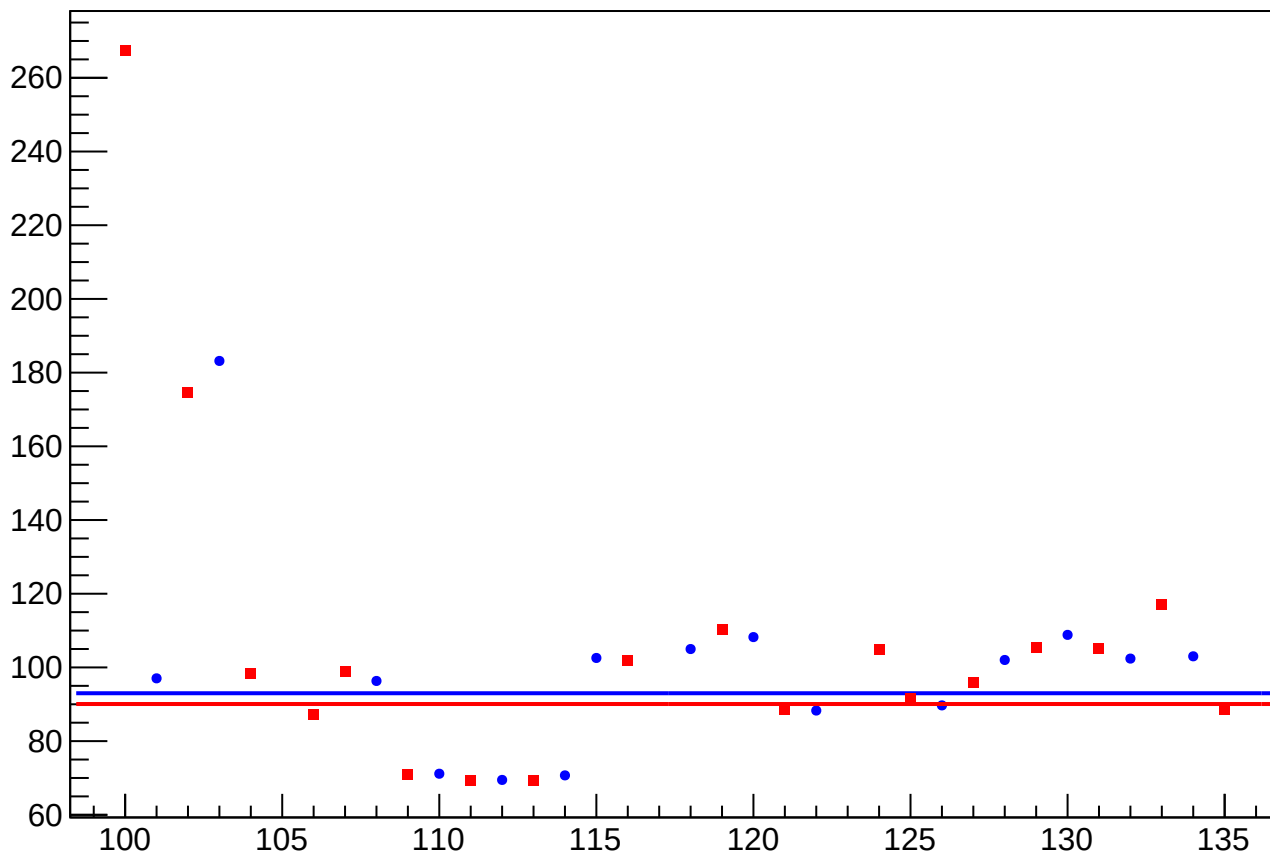
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.956+/-25.739 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3748_avg_rms vs Slug



Right In: 92.994 $\pm$ 0.027 χ^2 /NDF: 563459.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.070 $\pm$ 0.025 χ^2 /NDF: 743572.0/17

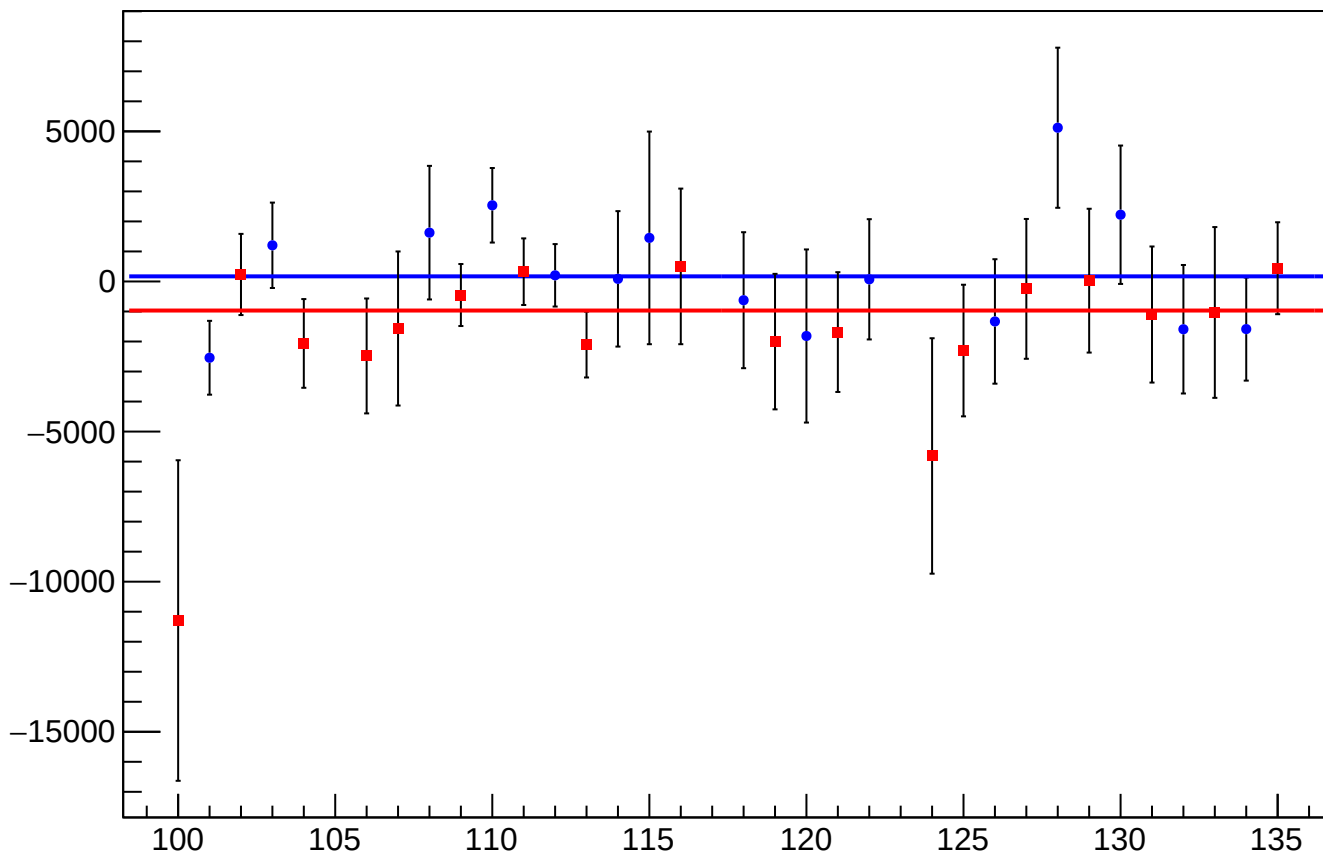
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.400 $\pm$ 0.018 χ^2 /NDF: 1313432.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_mean vs Slug



Right In: 170.282 $\pm$ 452.202 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -968.205 $\pm$ 407.581 χ^2 /NDF: 12.1/17

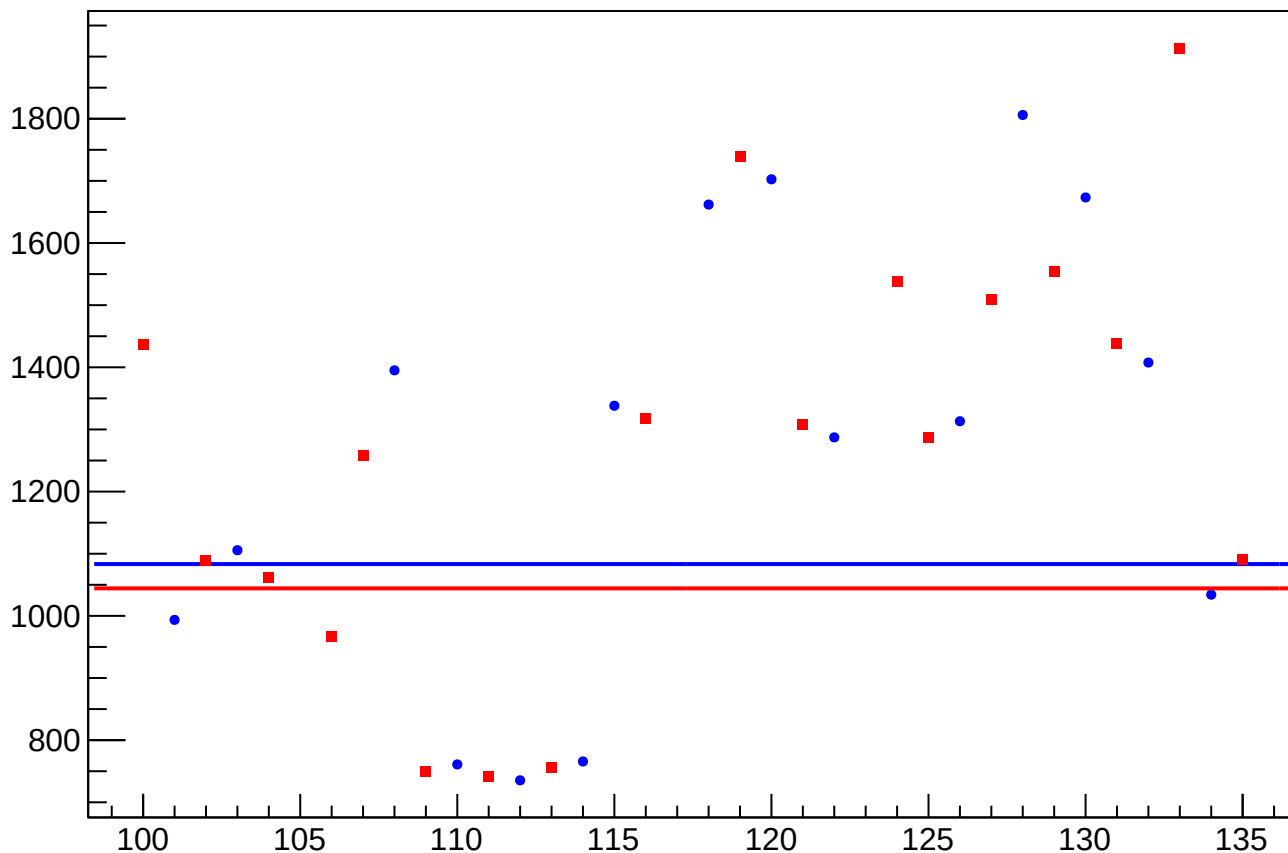
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -457.889 $\pm$ 302.753 χ^2 /NDF: 32.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_cor_correction_rms vs Slug



Right In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

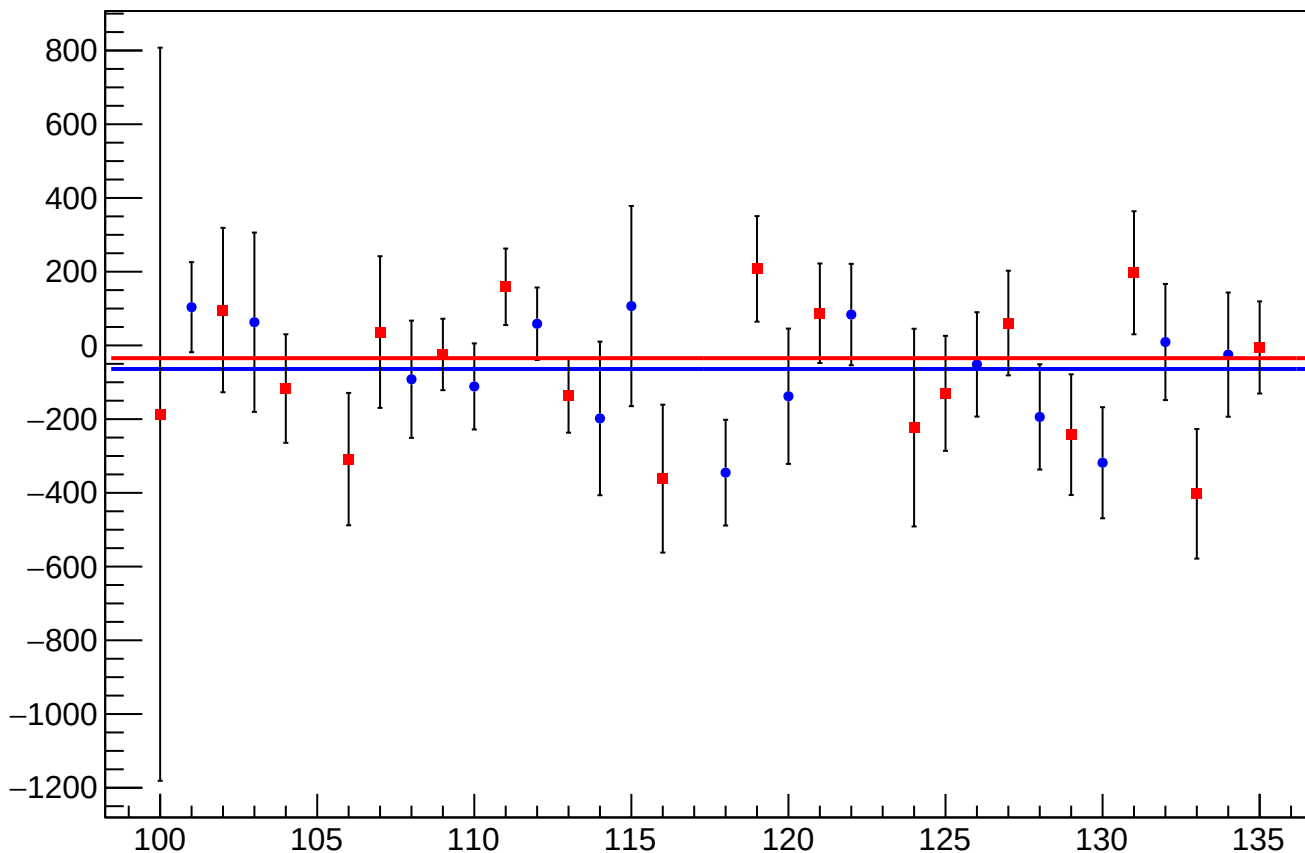
Right Out: 1044.230+/-0.288 χ^2/NDF : 1201727.6/17

All: 1061.768+/-0.214 χ^2/NDF : 2262696.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_mean vs Slug



Right In: -63.911+/-38.167 χ^2/NDF : 13.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -34.646+/-34.860 χ^2/NDF : 23.3/17

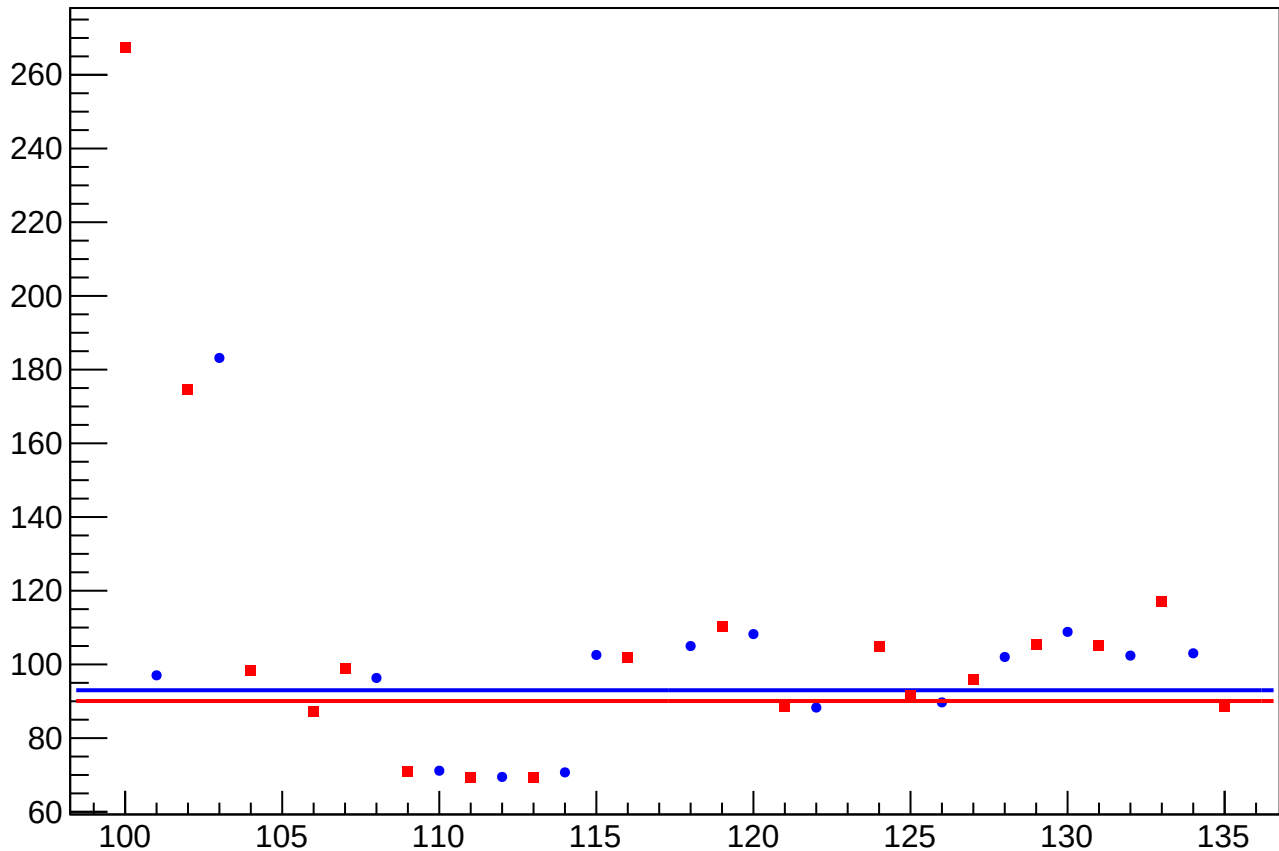
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -47.956+/-25.739 χ^2/NDF : 37.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3748_avg_rms vs Slug



Right In: 92.994 $\pm$ 0.027 χ^2 /NDF: 563459.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 90.070 $\pm$ 0.025 χ^2 /NDF: 743572.0/17

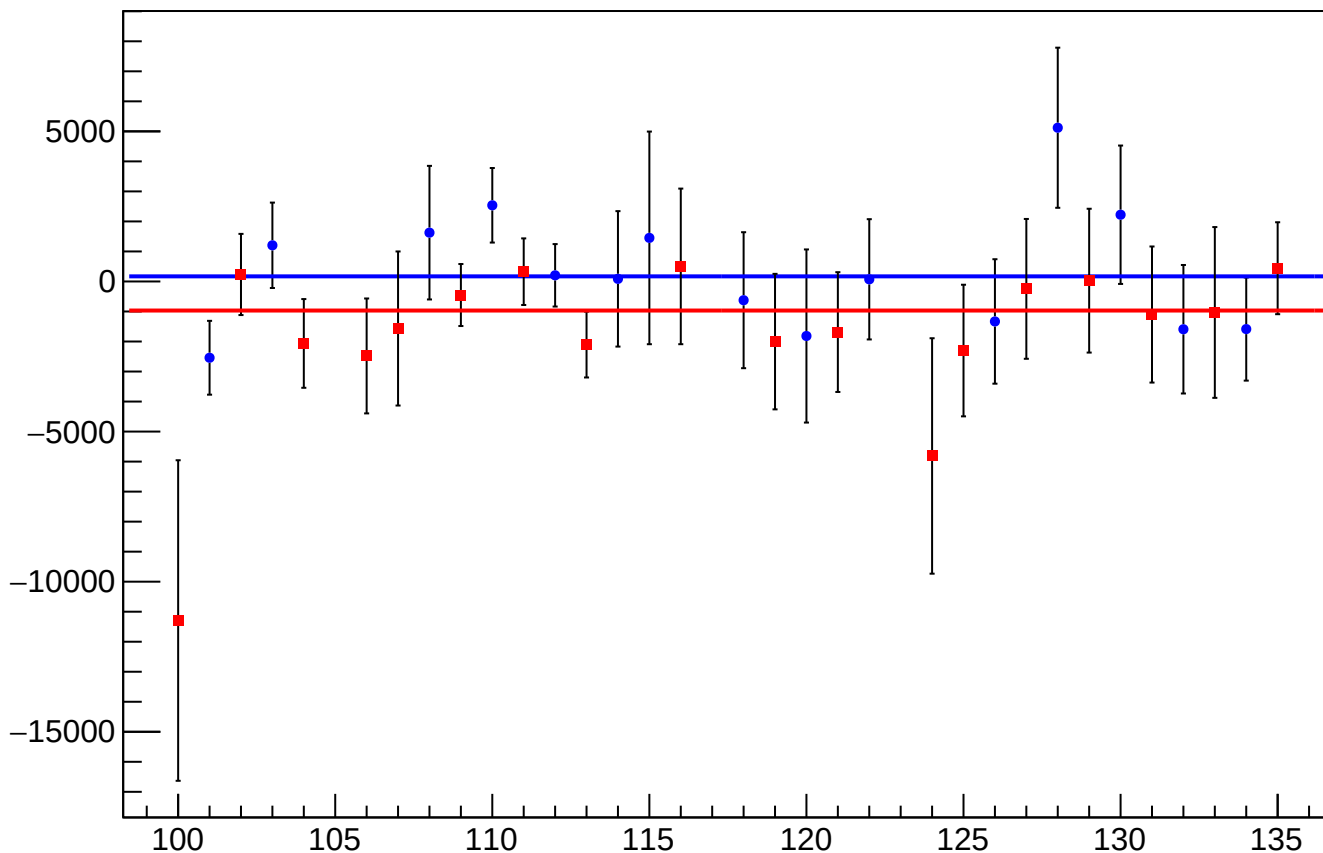
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 91.400 $\pm$ 0.018 χ^2 /NDF: 1313432.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_correction_mean vs Slug



Right In: 170.282 ± 452.202 χ^2/NDF : 16.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -968.205 ± 407.581 χ^2/NDF : 12.1/17

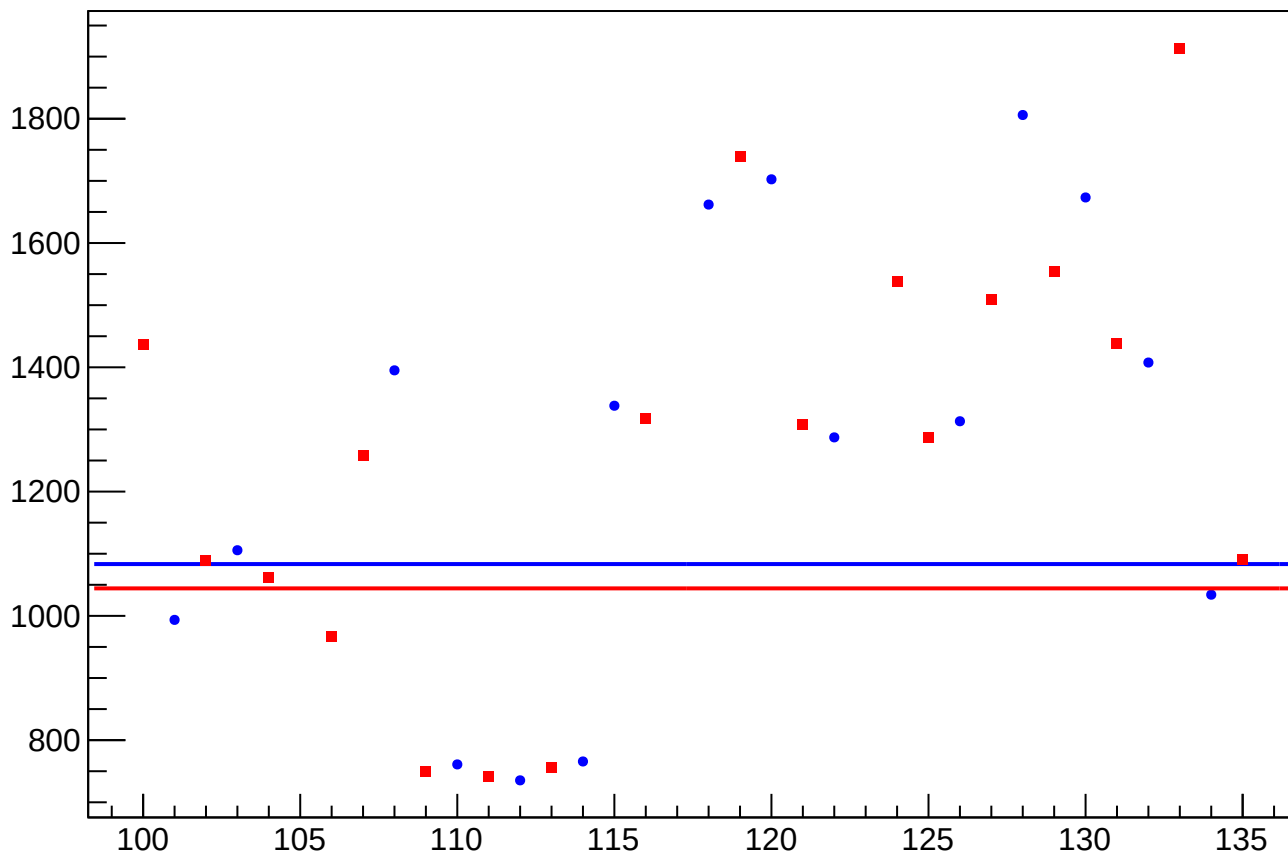
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -457.889 ± 302.753 χ^2/NDF : 32.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_correction_rms vs Slug



Right In: 1083.356+/-0.320 χ^2/NDF : 1052707.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

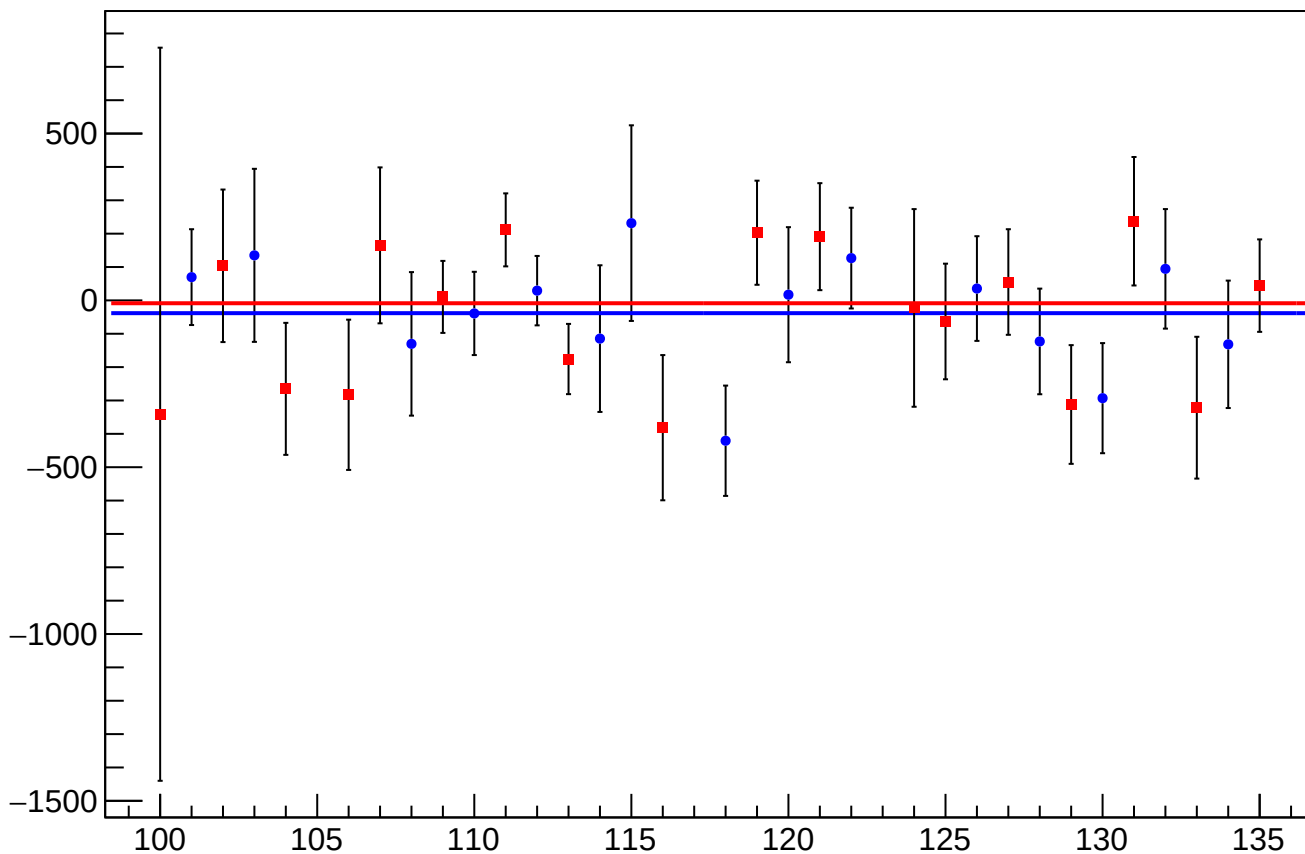
Right Out: 1044.230+/-0.288 χ^2/NDF : 1201727.6/17

All: 1061.768+/-0.214 χ^2/NDF : 2262696.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_mean vs Slug



Right In: -38.291 ± 42.463 χ^2/NDF : 12.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.558 ± 38.875 χ^2/NDF : 24.1/17

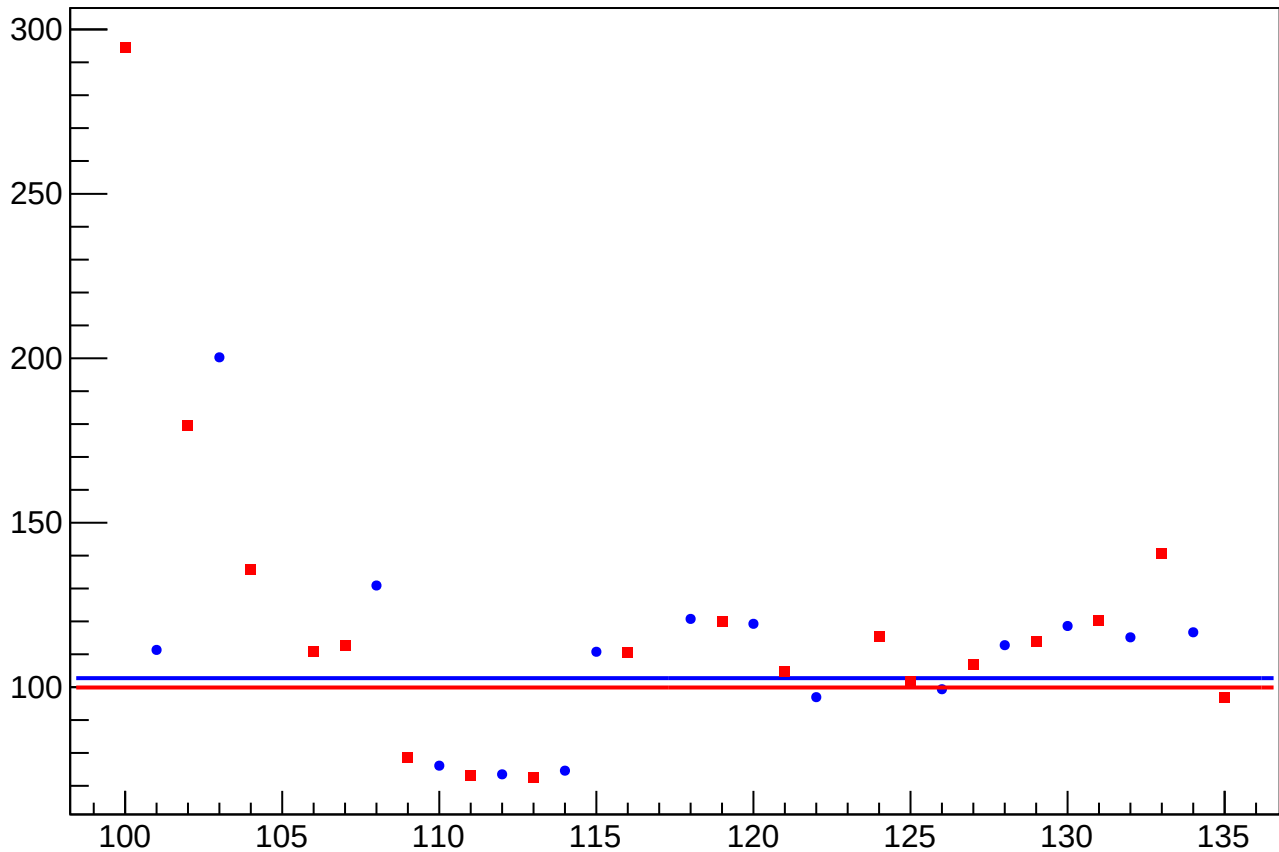
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.115 ± 28.674 χ^2/NDF : 37.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3748_avg_rms vs Slug



Right In: 102.742 $\pm$ 0.030 χ^2 /NDF: 695401.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 99.899 $\pm$ 0.027 χ^2 /NDF: 875961.0/17

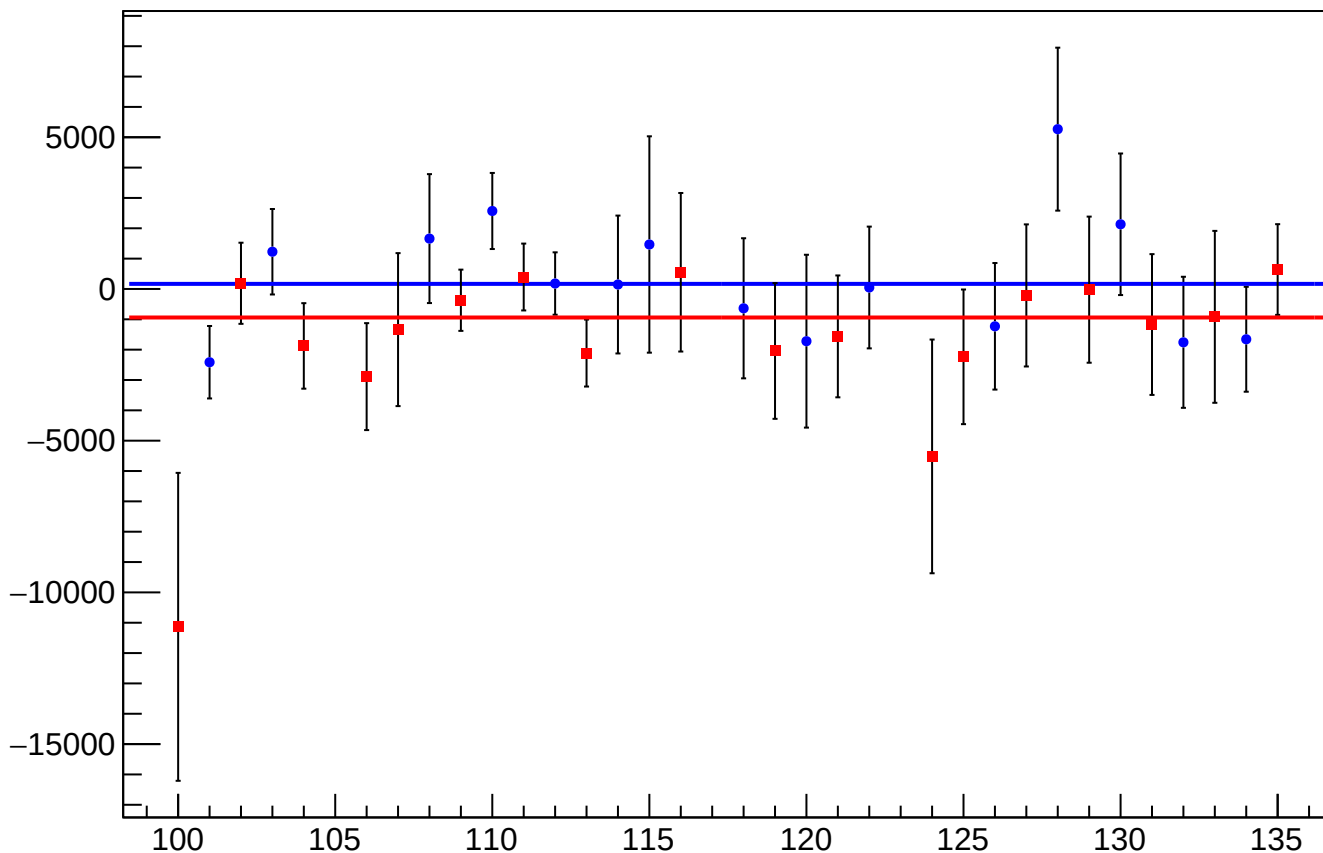
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.196 $\pm$ 0.020 χ^2 /NDF: 1576238.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_correction_mean vs Slug



Right In: 167.895+/-449.837 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -940.294+/-402.081 χ^2/NDF : 13.1/17

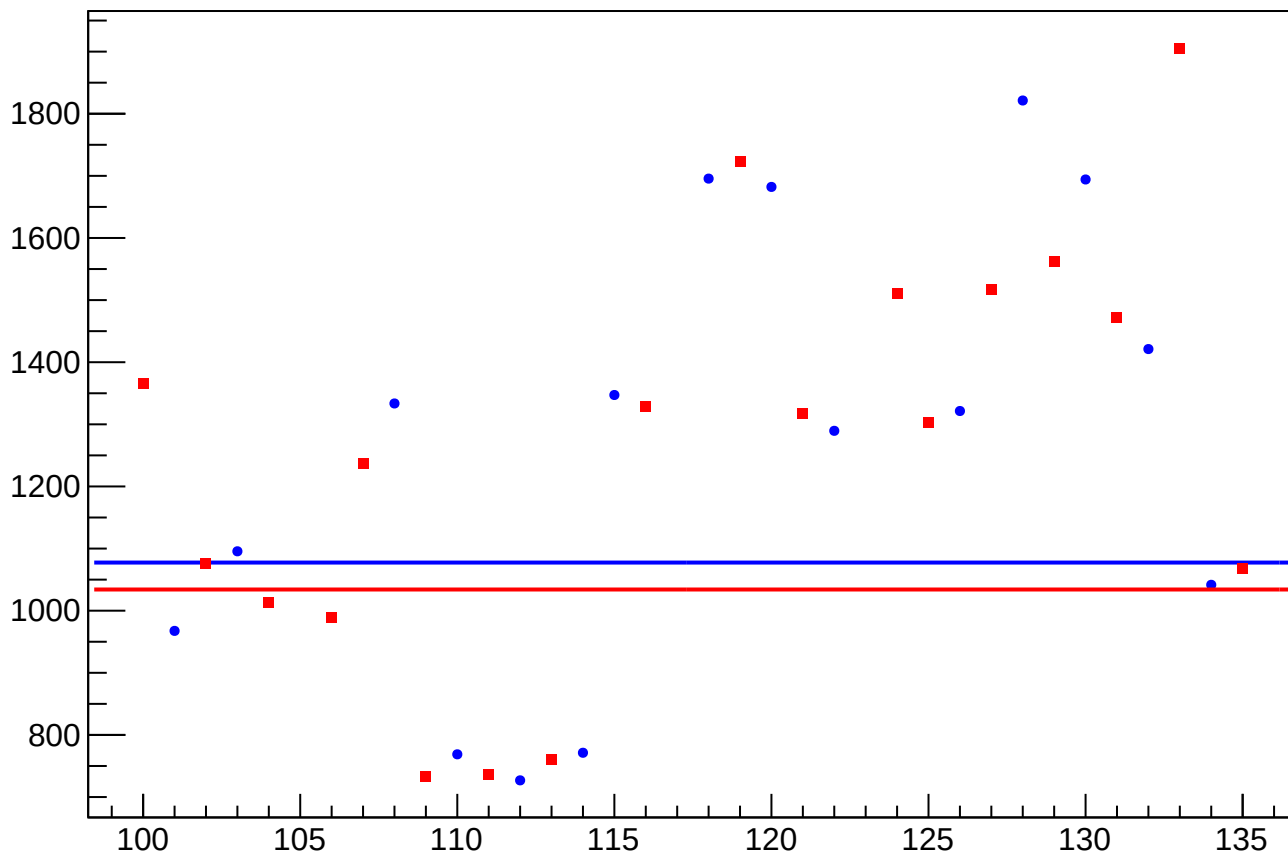
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.127+/-299.781 χ^2/NDF : 33.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_correction_rms vs Slug



Right In: 1077.478+/-0.318 χ^2/NDF : 1075917.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

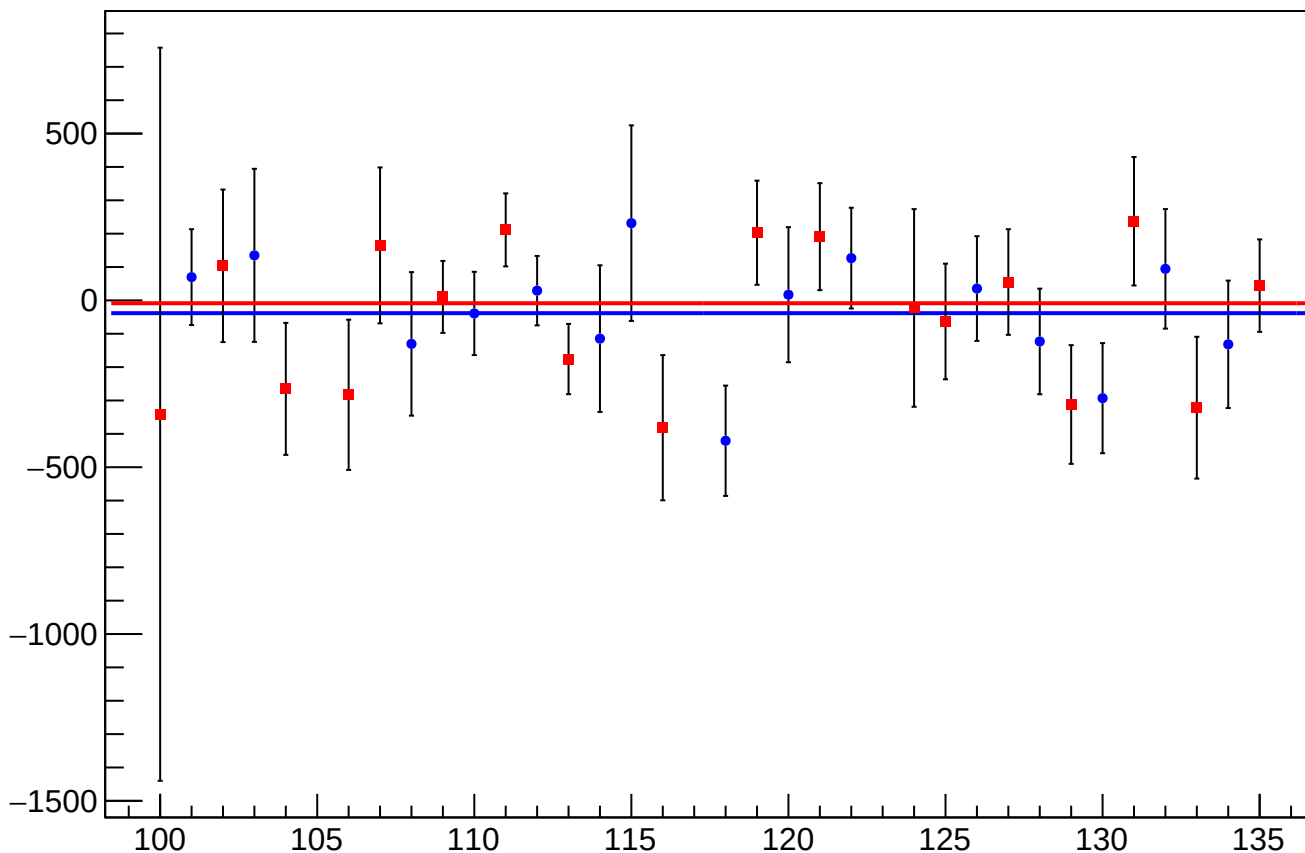
Right Out: 1034.107+/-0.284 χ^2/NDF : 1229265.6/17

All: 1053.369+/-0.212 χ^2/NDF : 2315517.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_mean vs Slug



Right In: -38.291+/-42.464 χ^2/NDF : 12.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -8.556+/-38.875 χ^2/NDF : 24.1/17

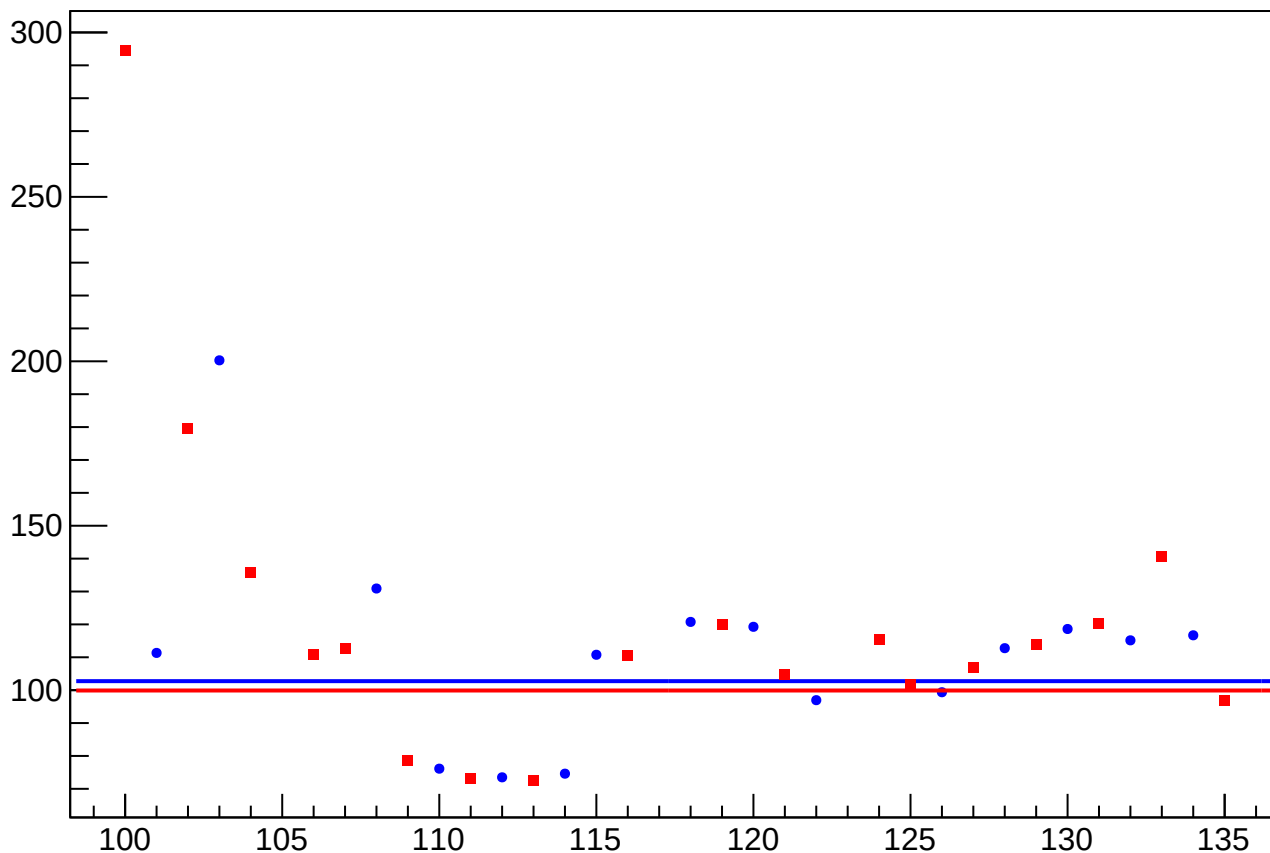
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -22.114+/-28.674 χ^2/NDF : 37.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3748_avg_rms vs Slug



Right In: 102.742 $\pm$ 0.030 χ^2 /NDF: 695400.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 99.900 $\pm$ 0.027 χ^2 /NDF: 875963.0/17

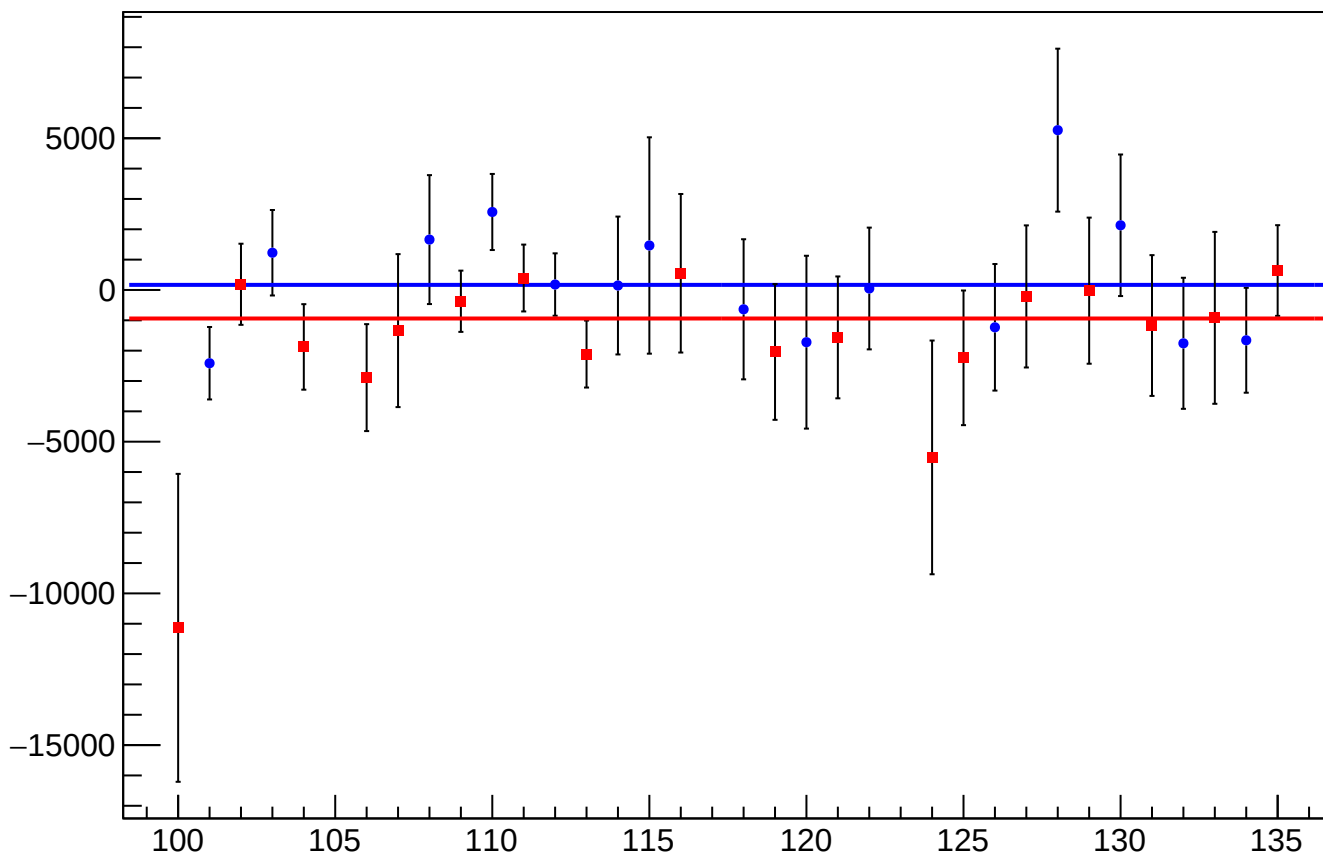
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 101.196 $\pm$ 0.020 χ^2 /NDF: 1576239.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_correction_mean vs Slug



Right In: 167.895+/-449.836 χ^2/NDF : 16.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -940.292+/-402.080 χ^2/NDF : 13.1/17

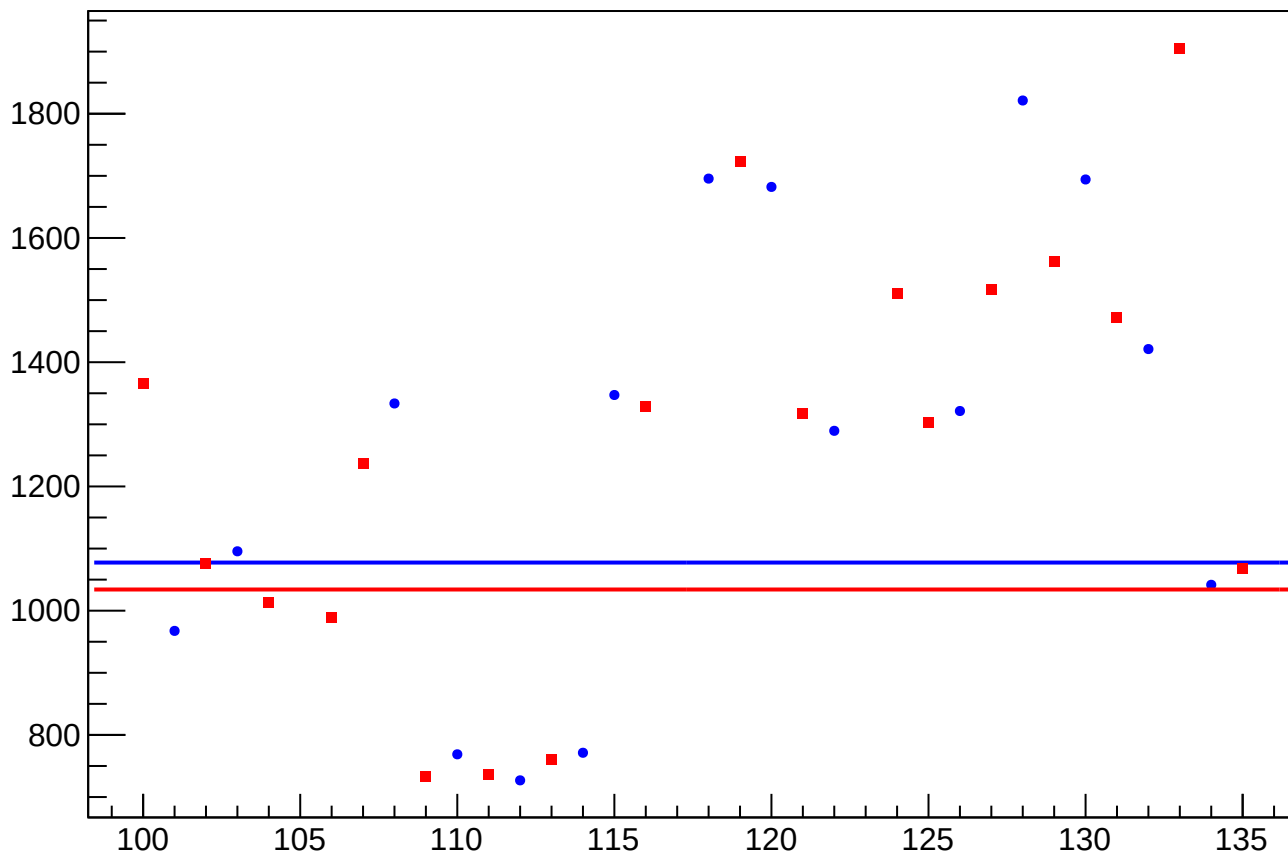
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -448.126+/-299.781 χ^2/NDF : 33.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_correction_rms vs Slug



Right In: 1077.476+/-0.318 χ^2/NDF : 1075922.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

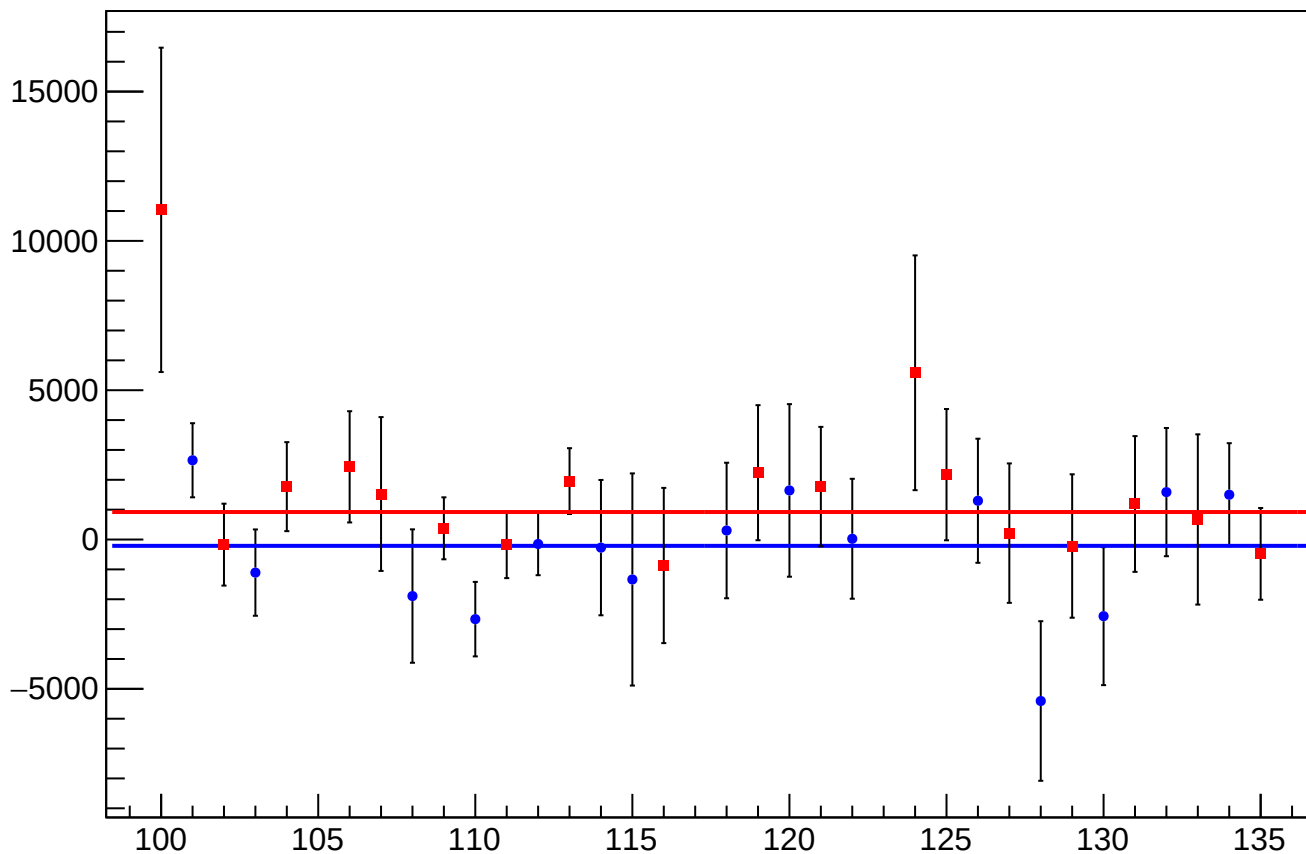
Right Out: 1034.105+/-0.284 χ^2/NDF : 1229268.2/17

All: 1053.367+/-0.212 χ^2/NDF : 2315525.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_mean vs Slug



Right In: -211.536 ± 454.773 χ^2/NDF : 17.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 921.194 ± 409.080 χ^2/NDF : 11.2/17

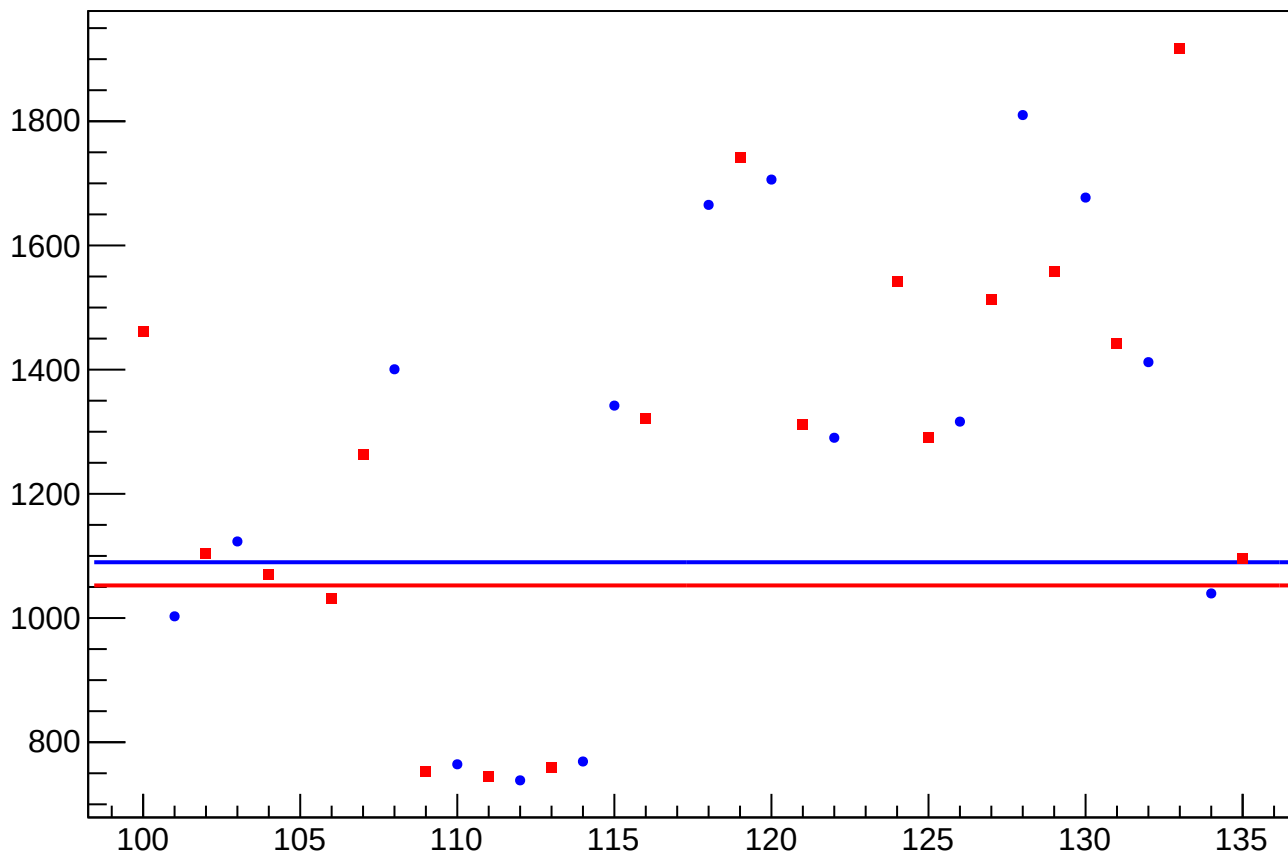
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 414.577 ± 304.138 χ^2/NDF : 32.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_rms vs Slug



Right In: 1089.848+/-0.322 χ^2/NDF : 1046525.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

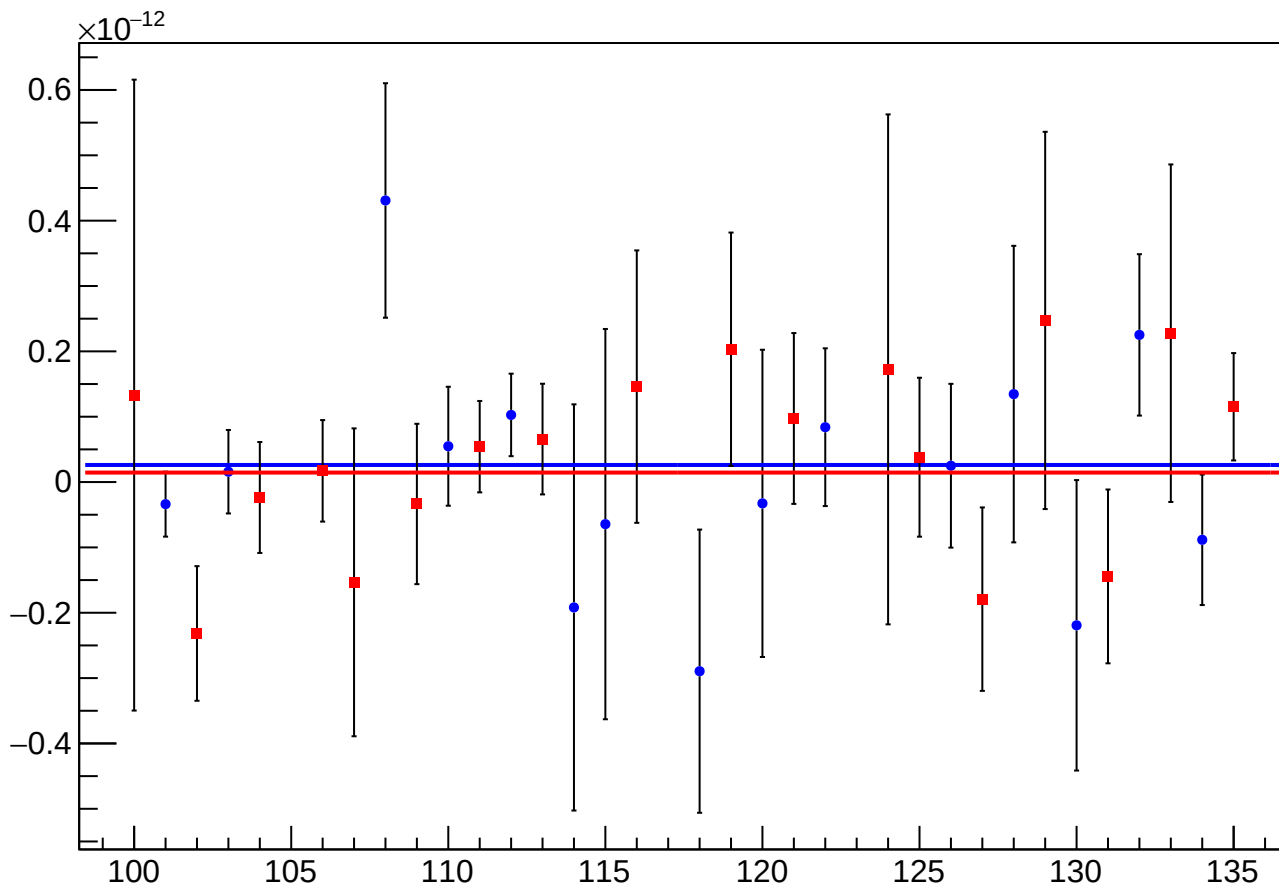
Right Out: 1052.490+/-0.289 χ^2/NDF : 1194373.0/17

All: 1069.198+/-0.215 χ^2/NDF : 2248358.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.6/17

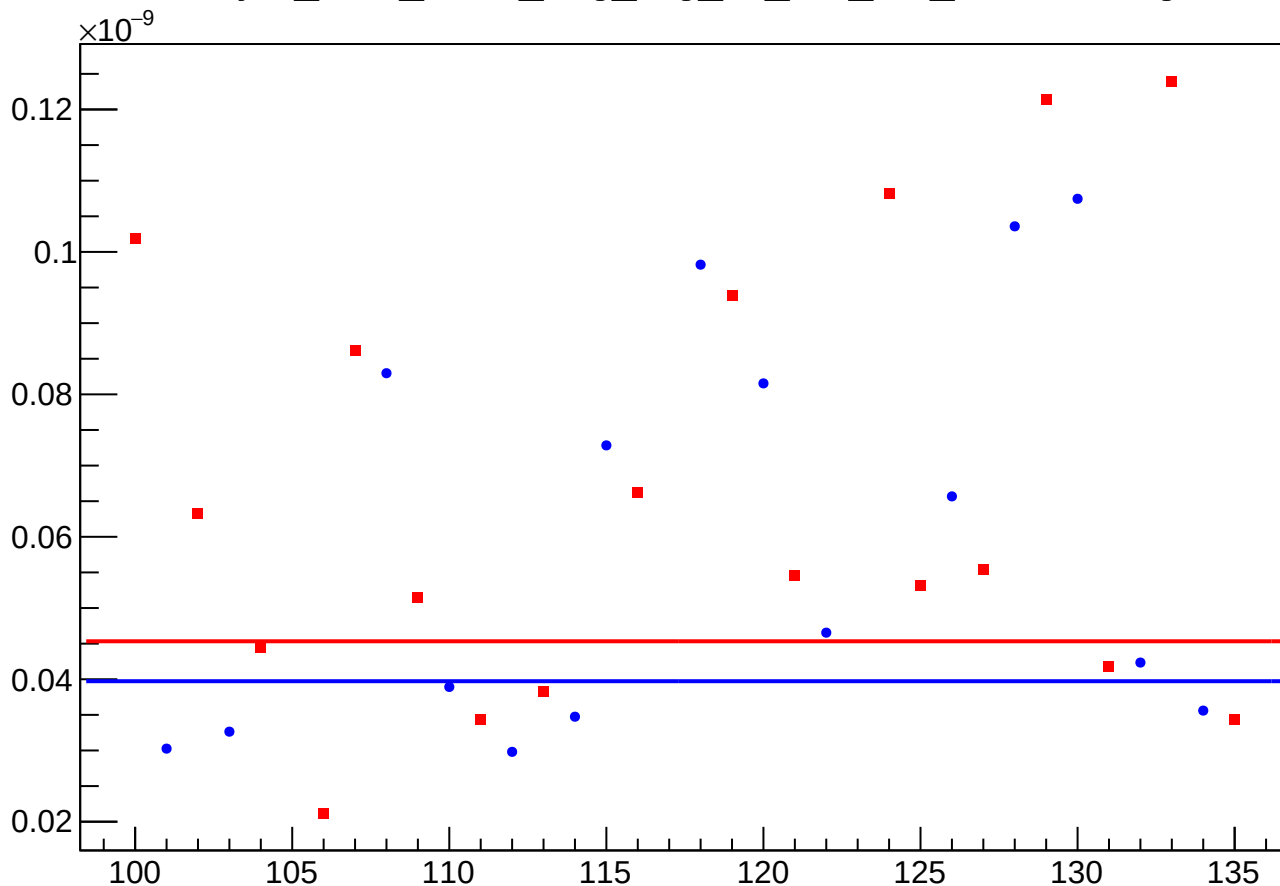
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 937626.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1019795.2/17

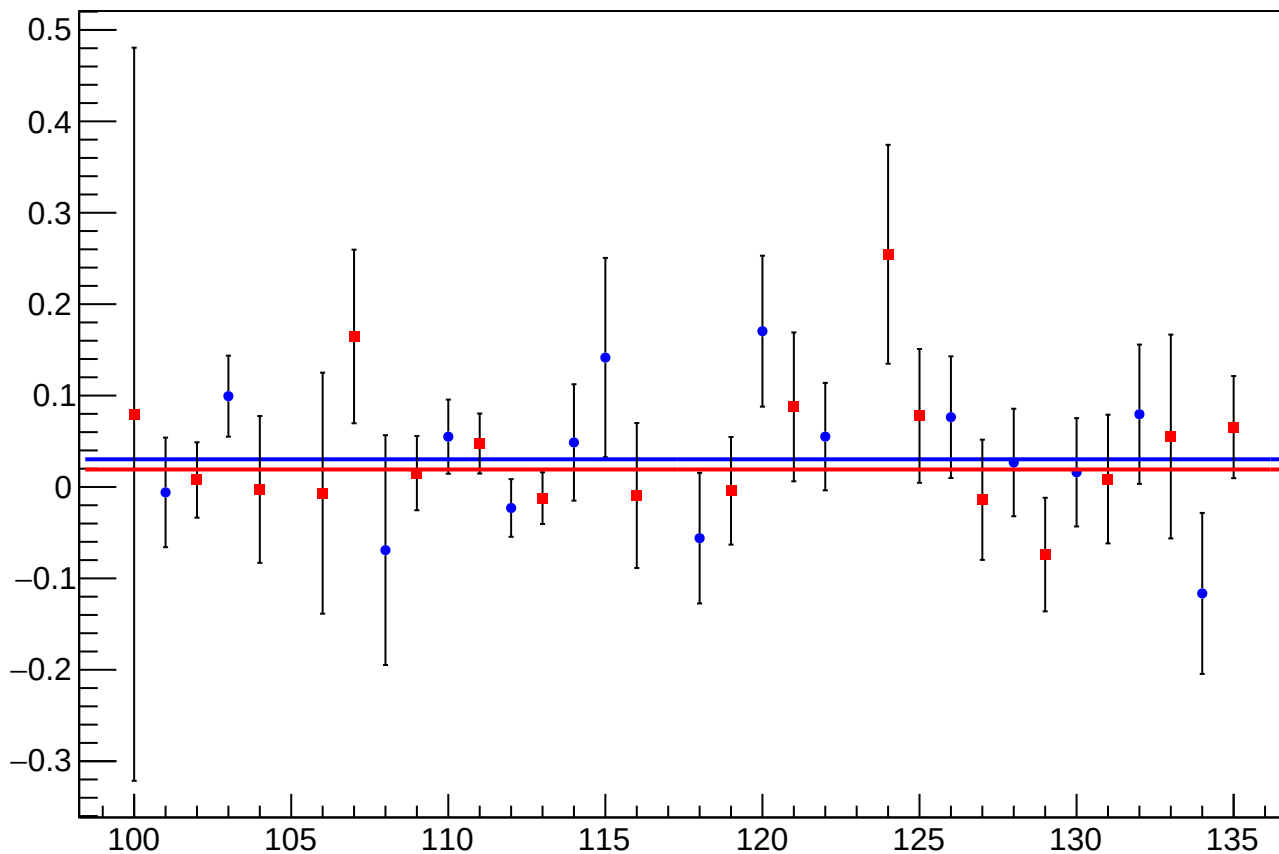
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2000541.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

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

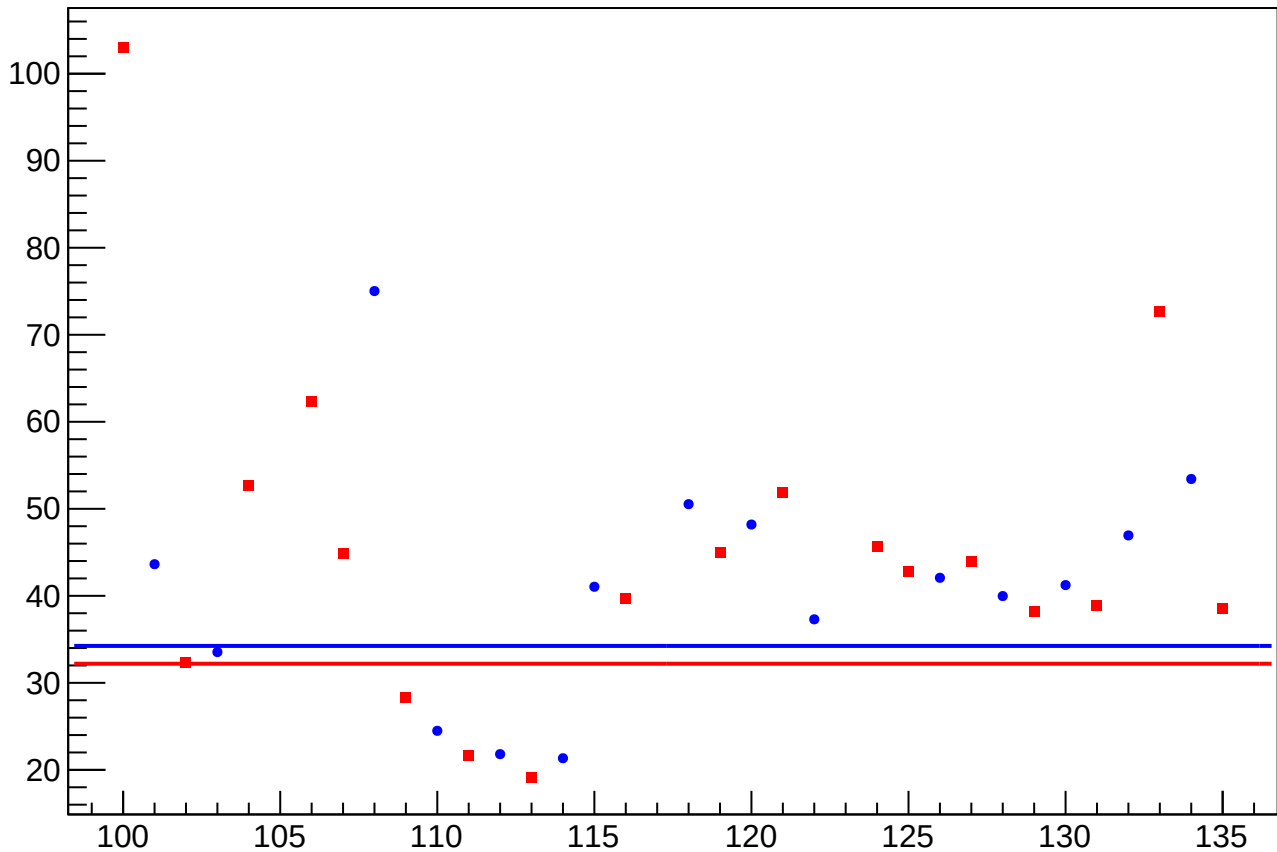
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 29.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_cor_diff_rms vs Slug



Right In: 34.245+/-0.011 χ^2/NDF : 1167641.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.197+/-0.009 χ^2/NDF : 1669428.0/17

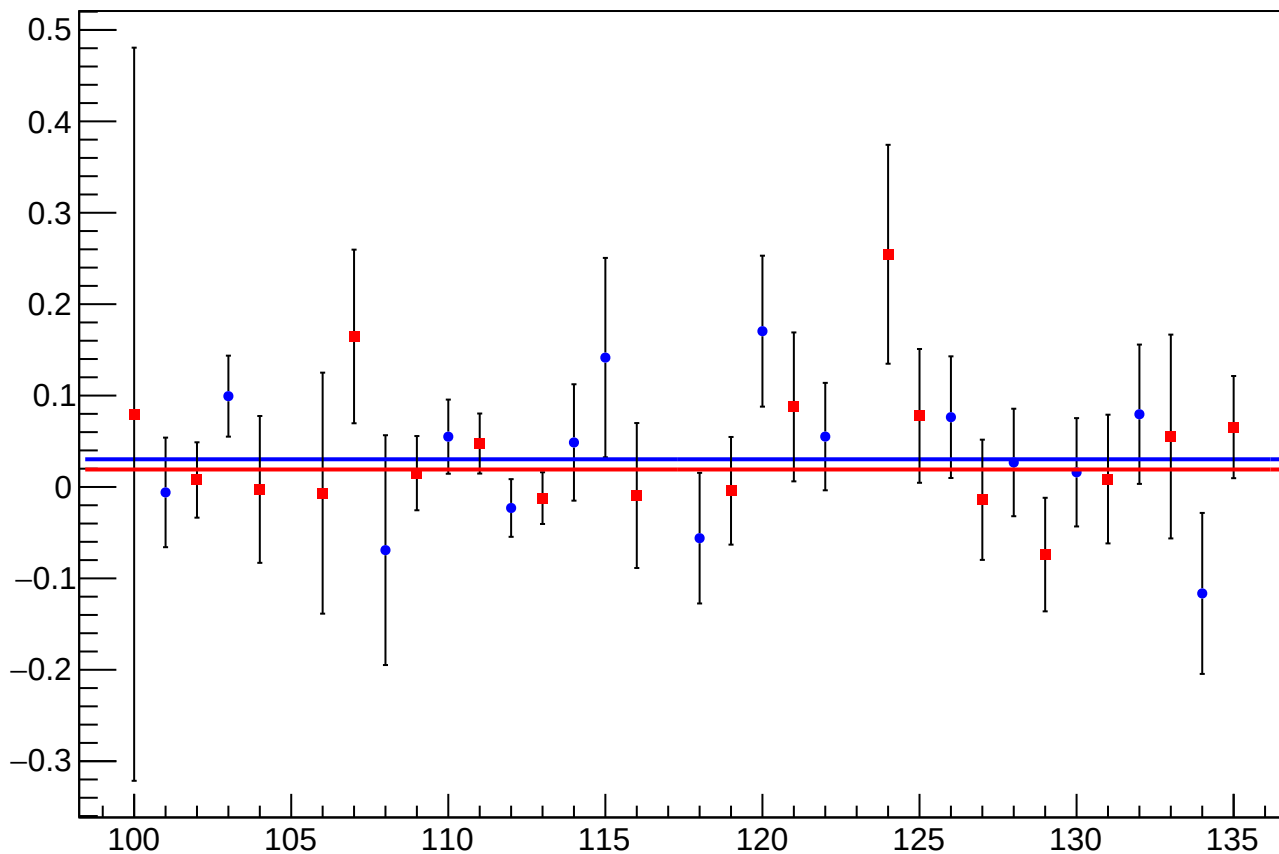
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.108+/-0.007 χ^2/NDF : 2858154.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

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

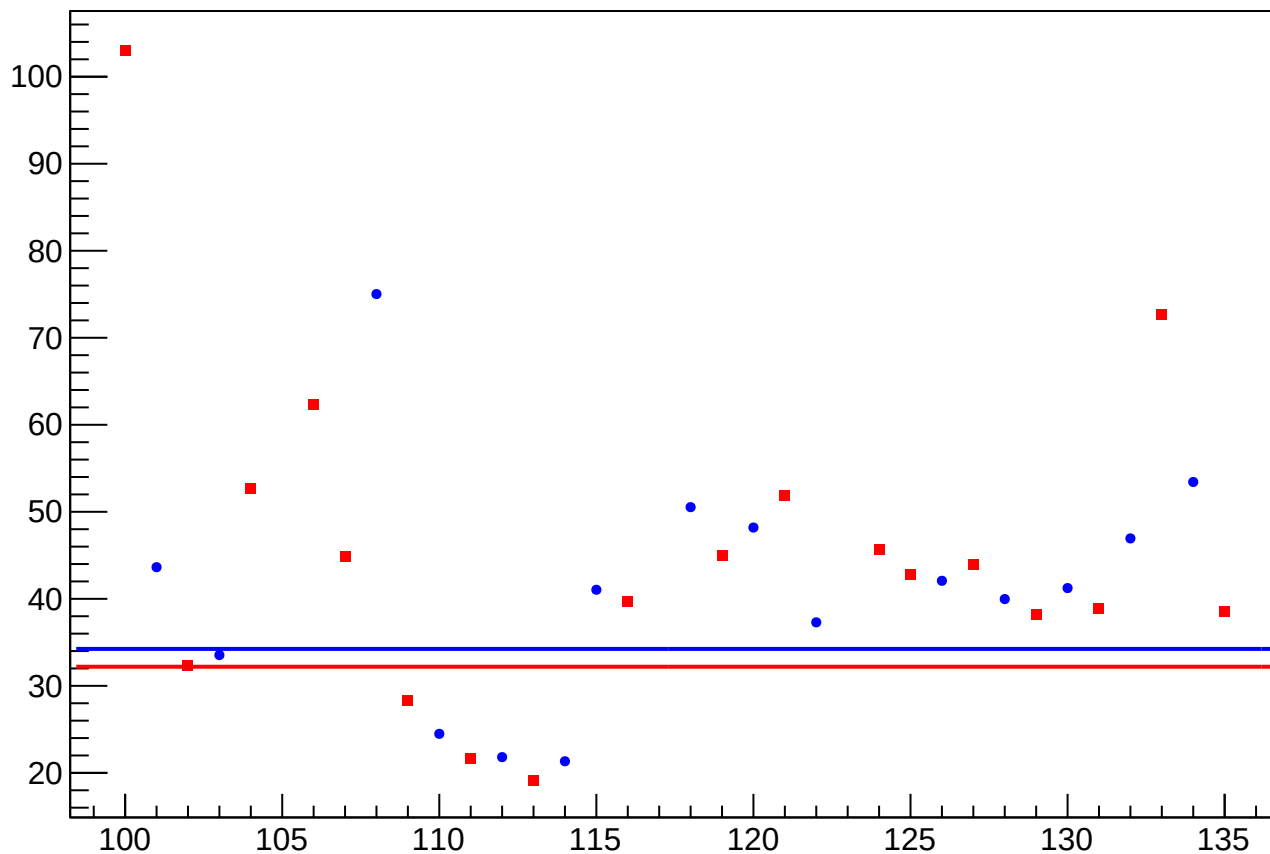
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 29.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.245+/-0.011 χ^2/NDF : 1167641.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.197+/-0.009 χ^2/NDF : 1669428.0/17

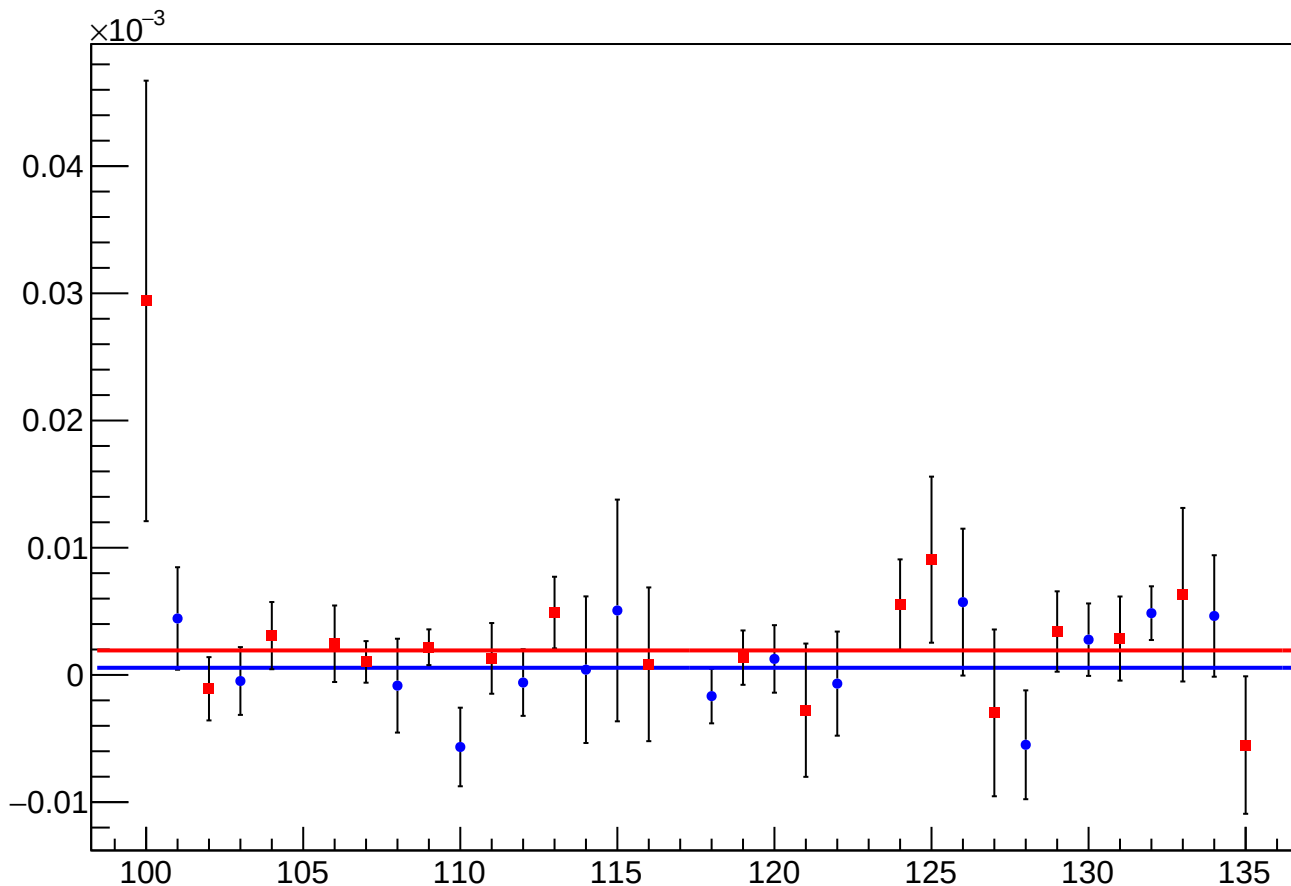
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.108+/-0.007 χ^2/NDF : 2858154.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 12.0/17

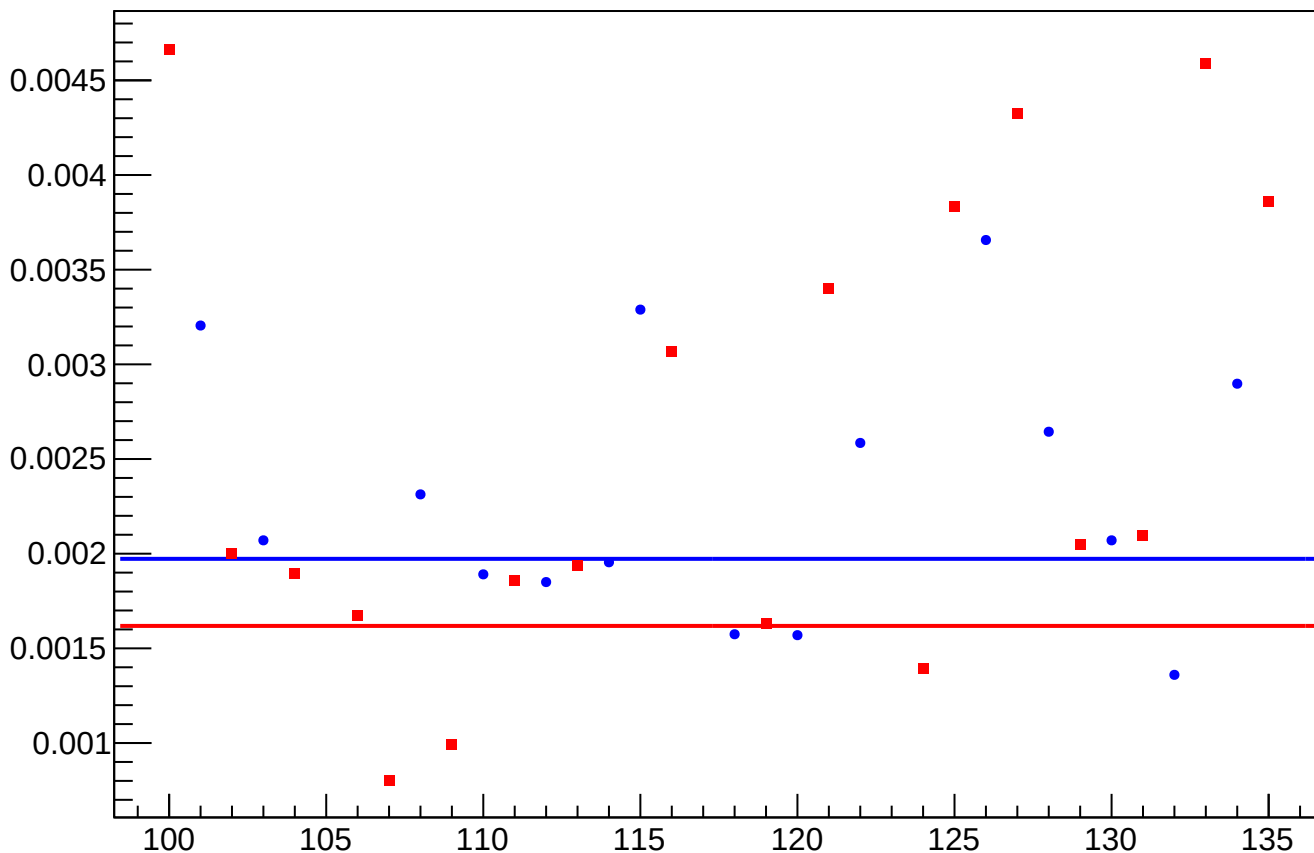
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 883486.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 2795727.1/17

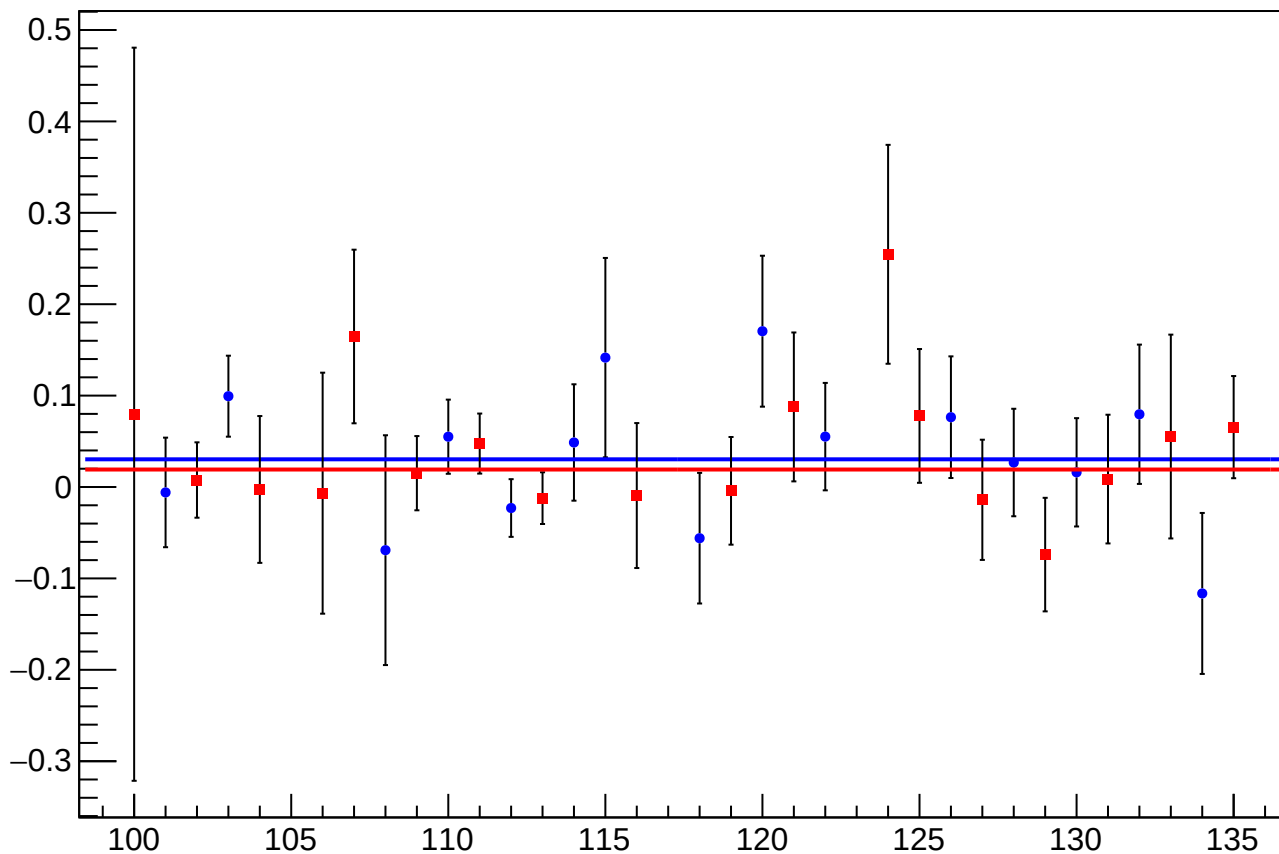
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 3900461.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

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

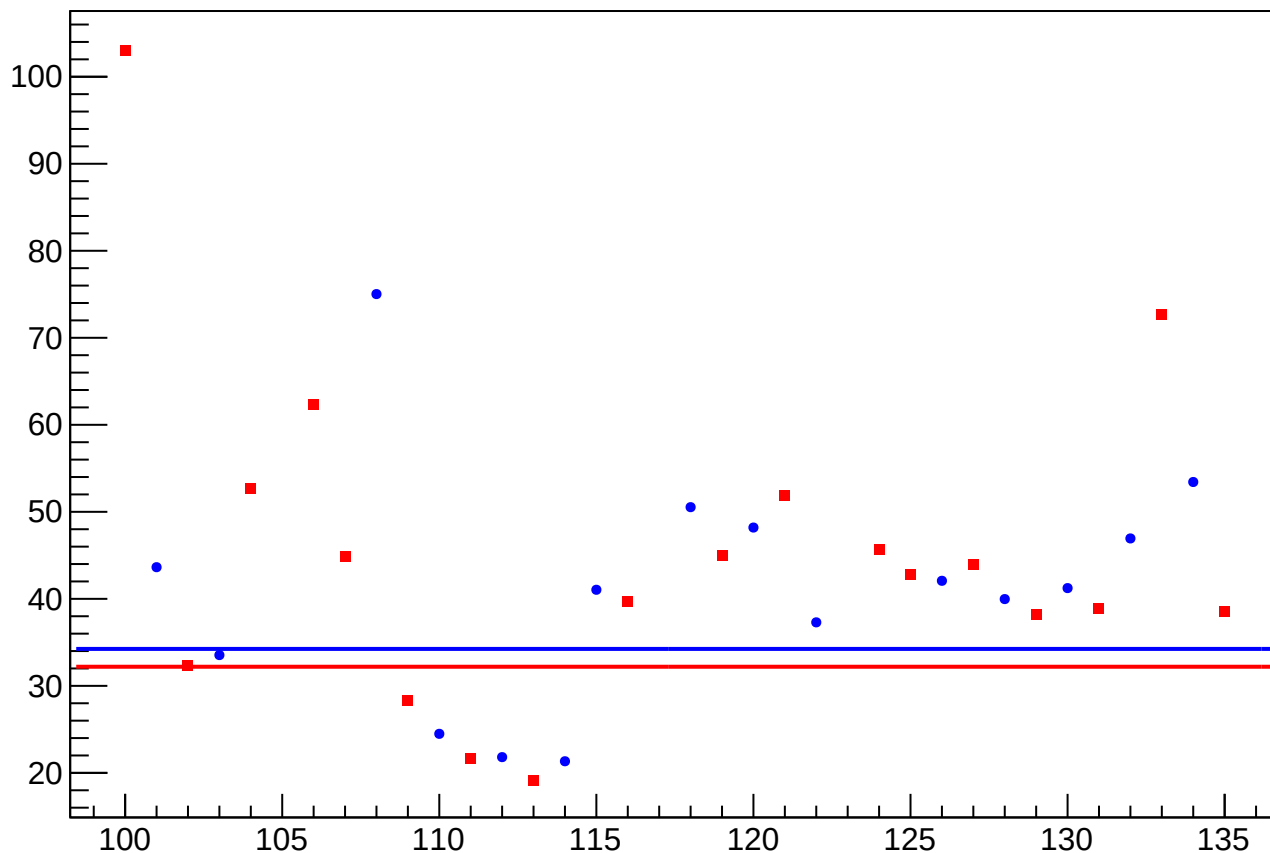
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 29.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.197+/-0.009 χ^2/NDF : 1669398.3/17

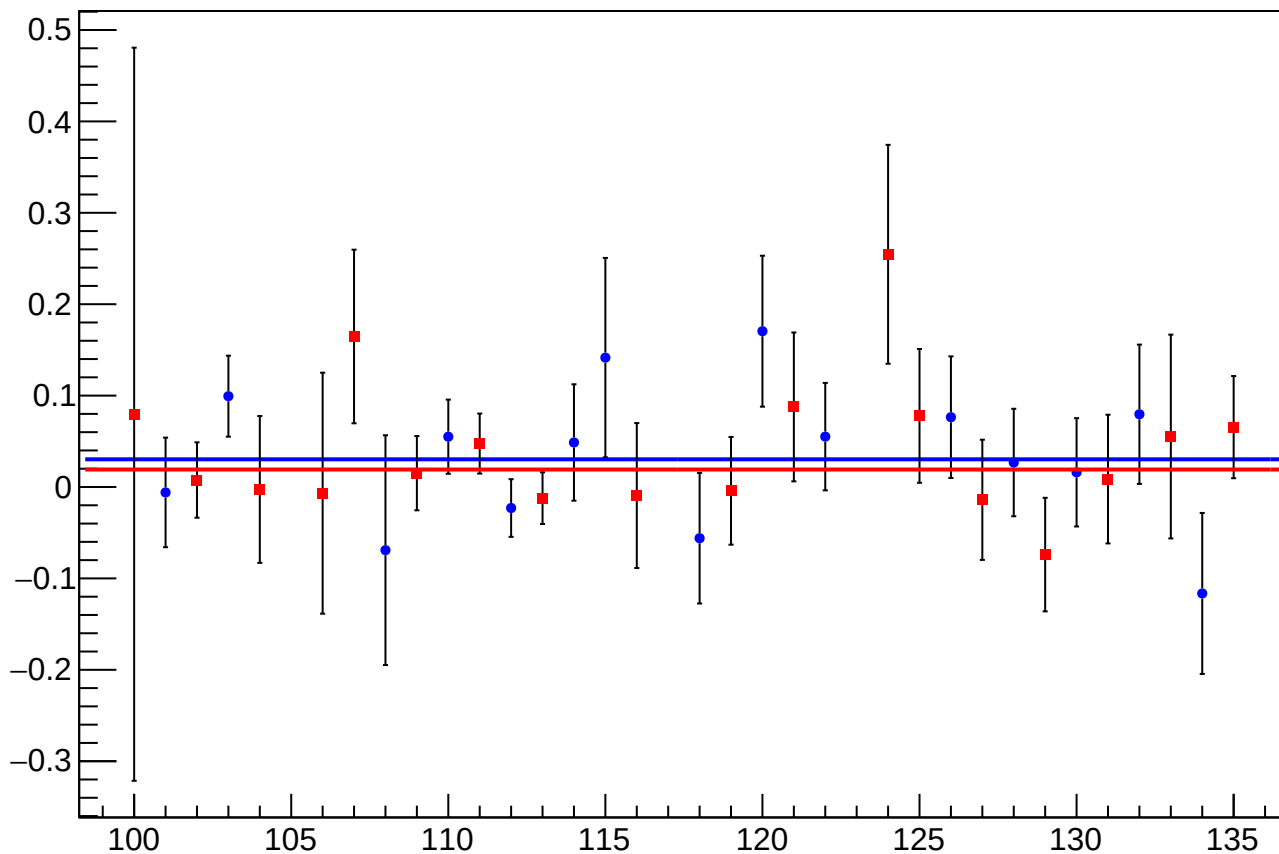
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.108+/-0.007 χ^2/NDF : 2858079.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.030 $\pm$ 0.015 χ^2 /NDF: 16.0/14

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

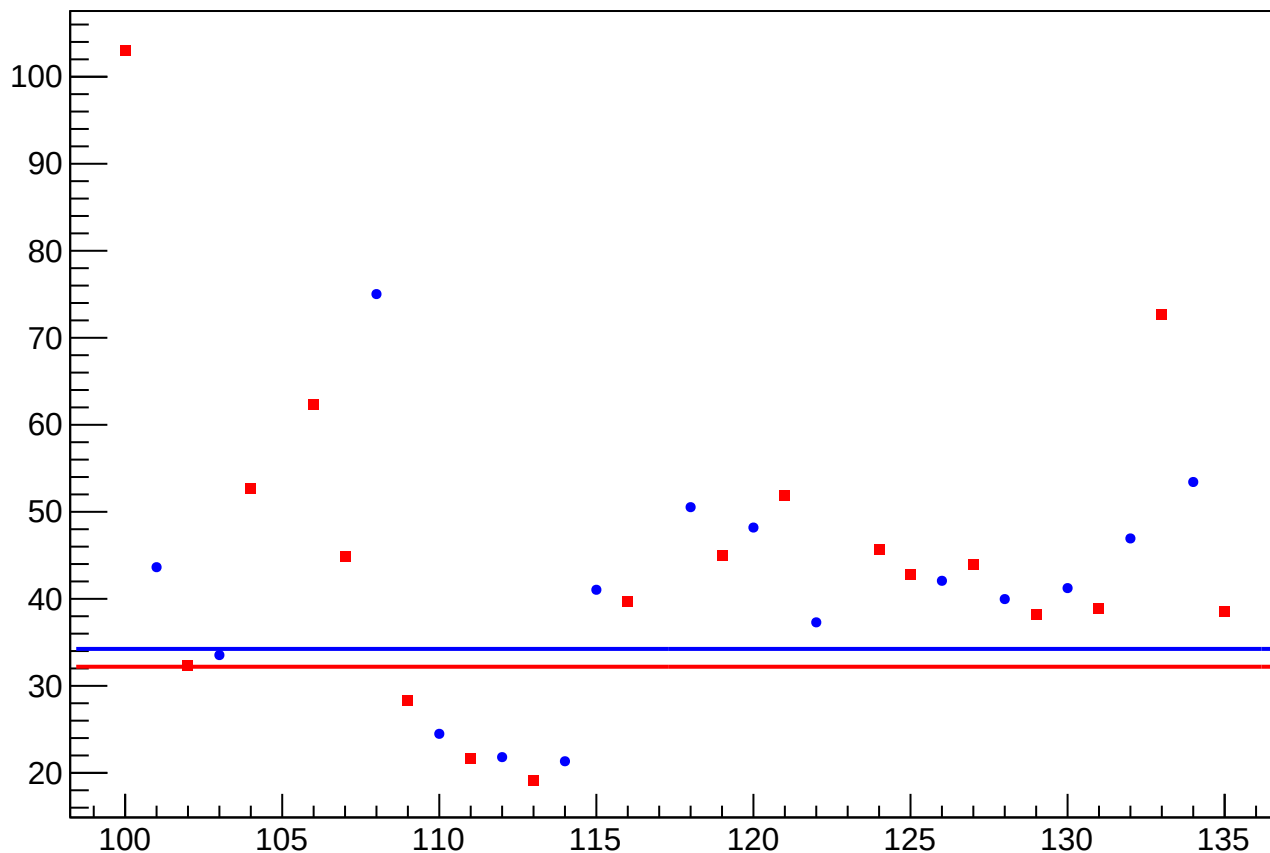
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.024 $\pm$ 0.010 χ^2 /NDF: 29.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.245+/-0.011 χ^2/NDF : 1167597.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 32.197+/-0.009 χ^2/NDF : 1669398.3/17

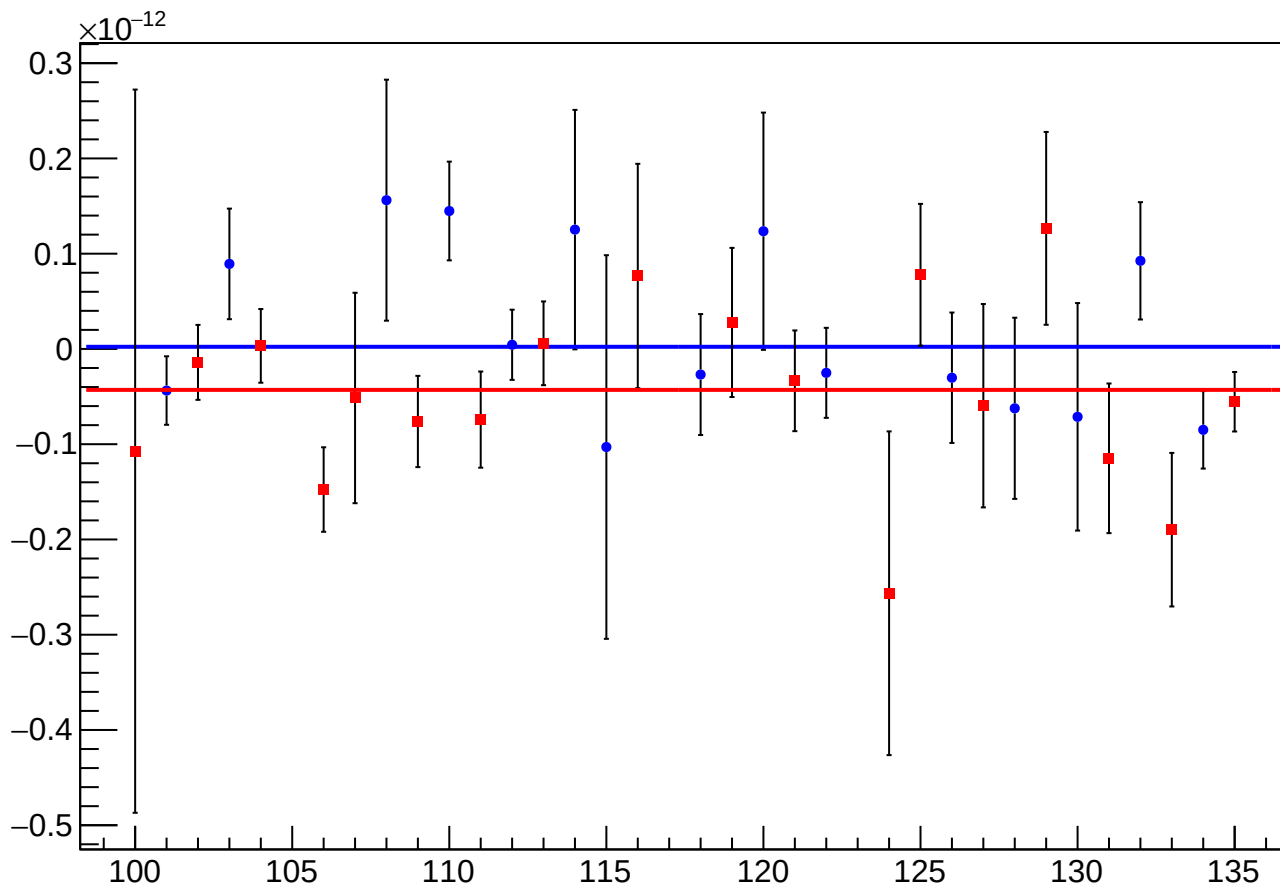
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.108+/-0.007 χ^2/NDF : 2858079.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 22.9/17

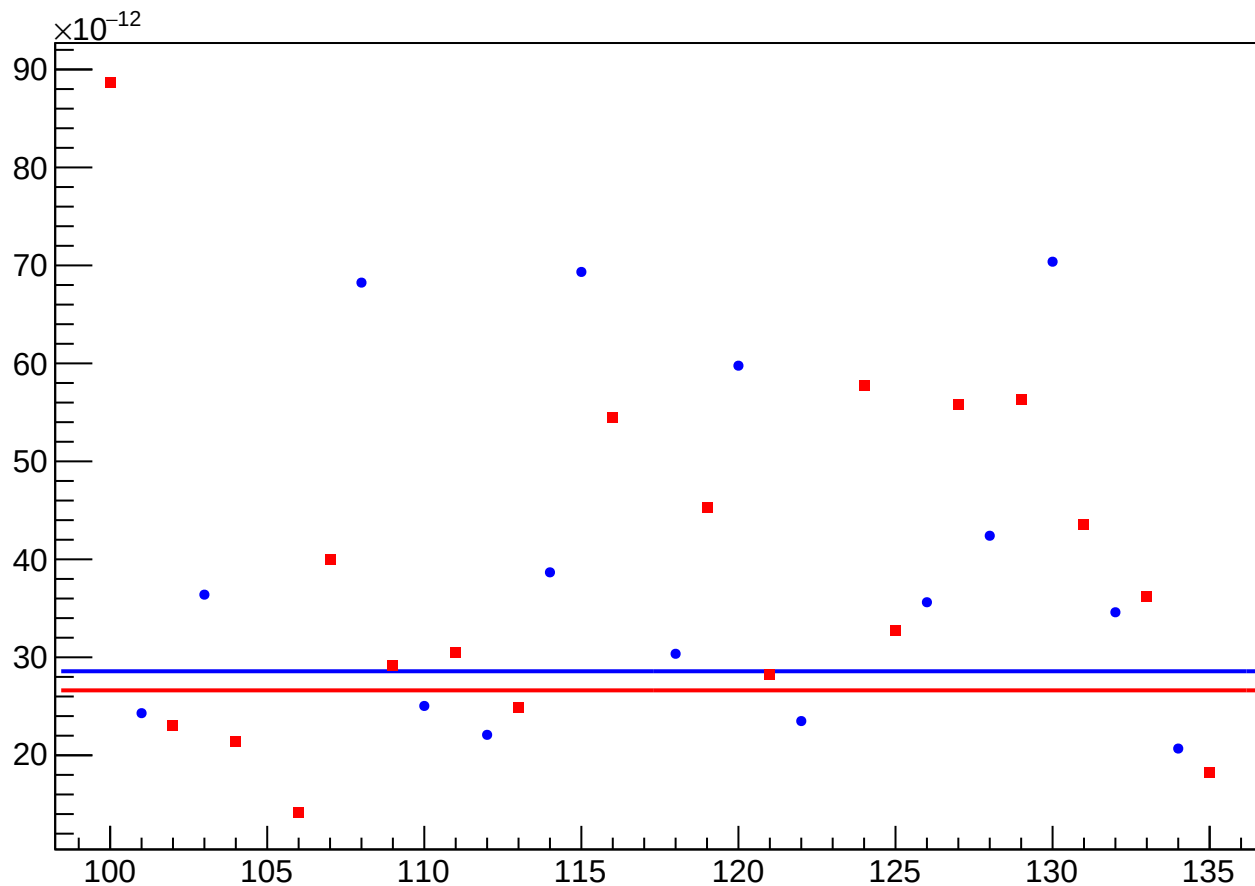
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 51.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3748_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 980590.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1210393.2/17

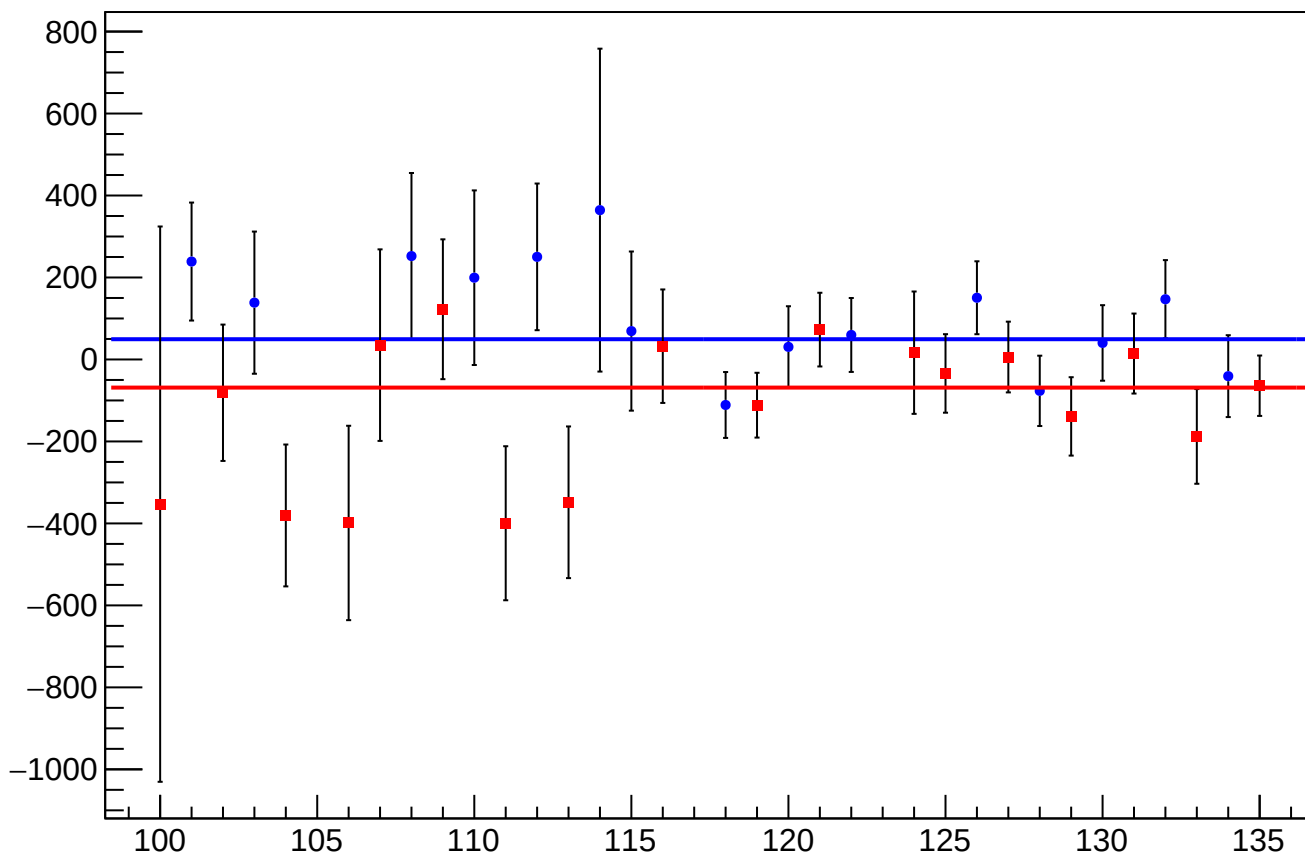
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2209596.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_mean vs Slug



Right In: 49.397+/-29.341 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.626+/-27.763 χ^2/NDF : 19.0/17

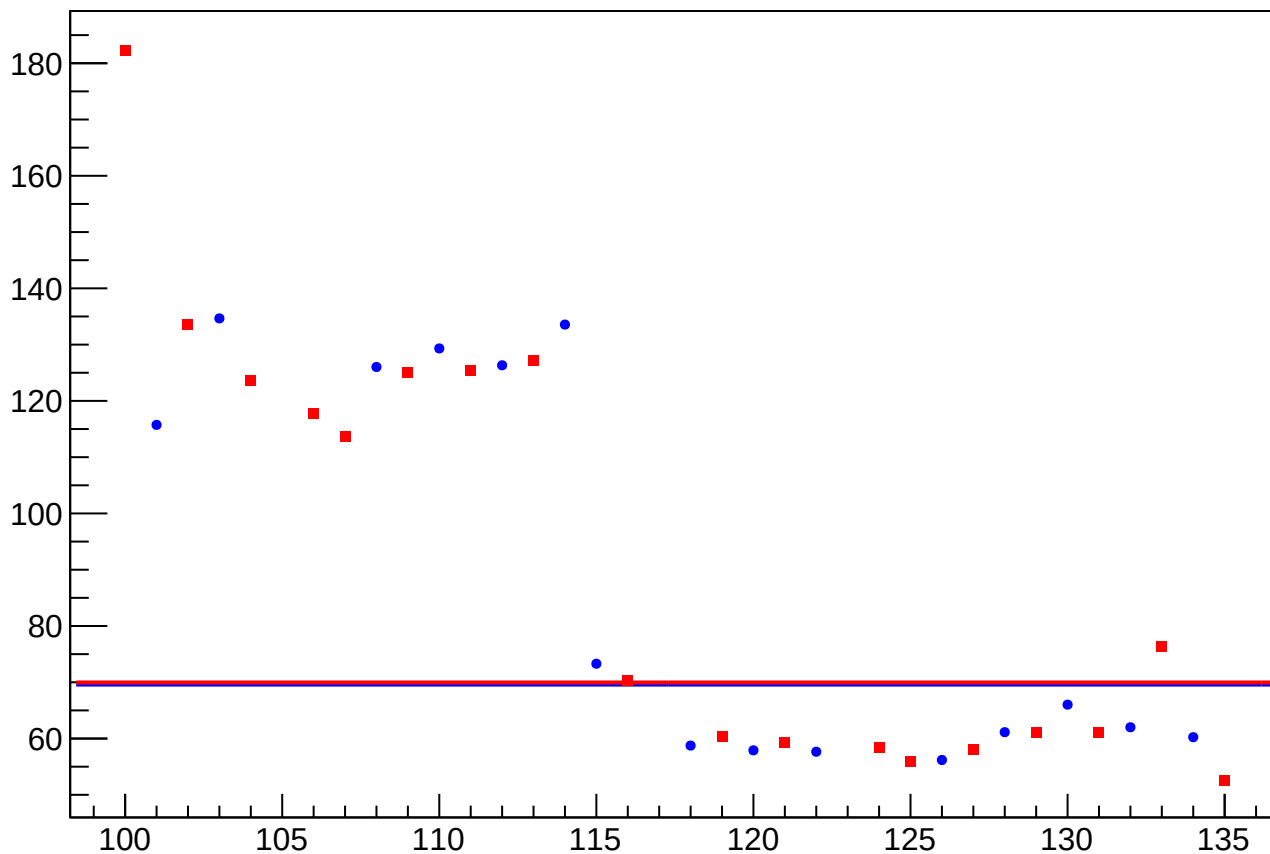
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.874+/-20.166 χ^2/NDF : 42.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_rms vs Slug



Right In: 69.589+/-0.021 χ^2/NDF : 1251295.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.962+/-0.020 χ^2/NDF : 1569013.7/17

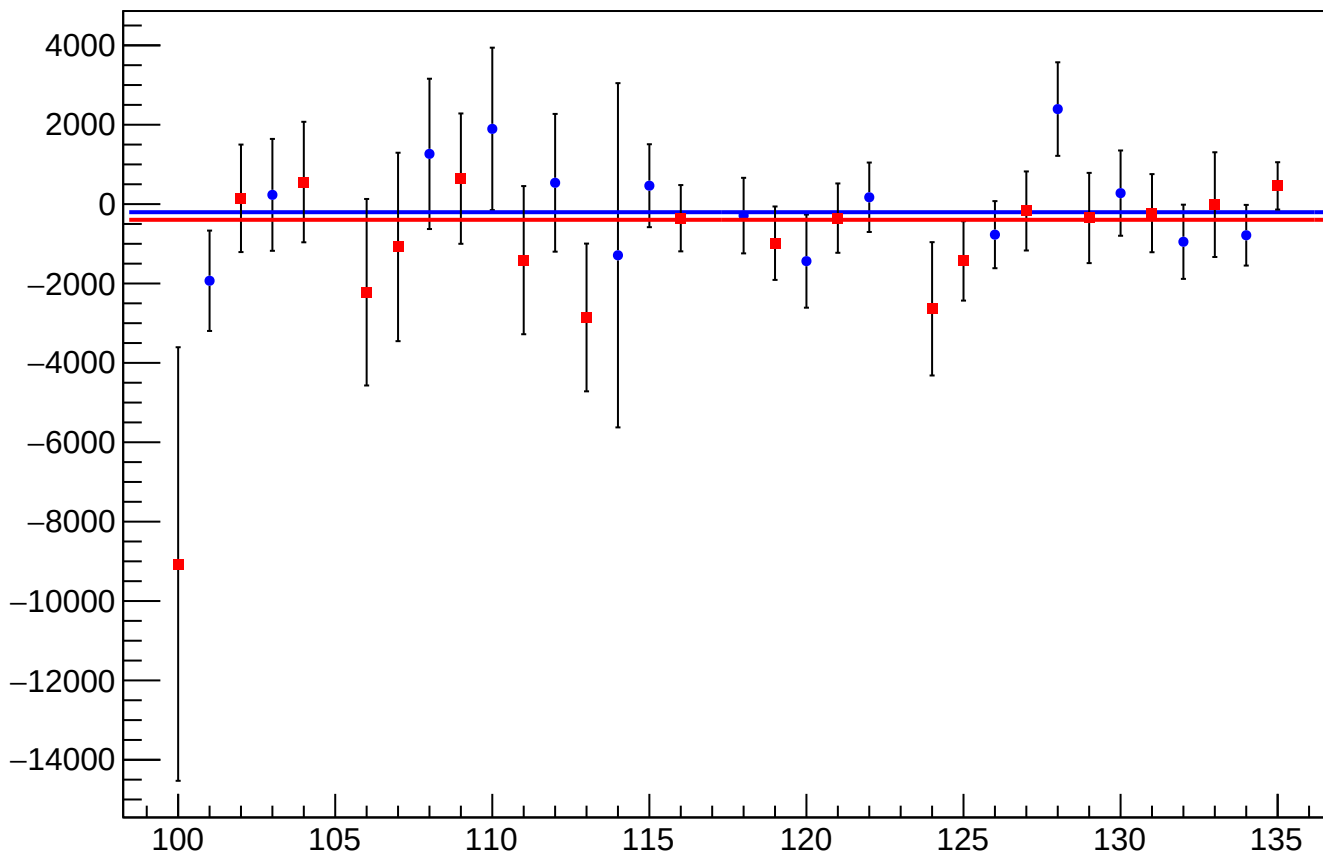
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.786+/-0.014 χ^2/NDF : 2820479.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_correction_mean vs Slug



Right In: -203.664 $\pm$ 289.554 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -395.519 $\pm$ 269.317 χ^2 /NDF: 11.7/17

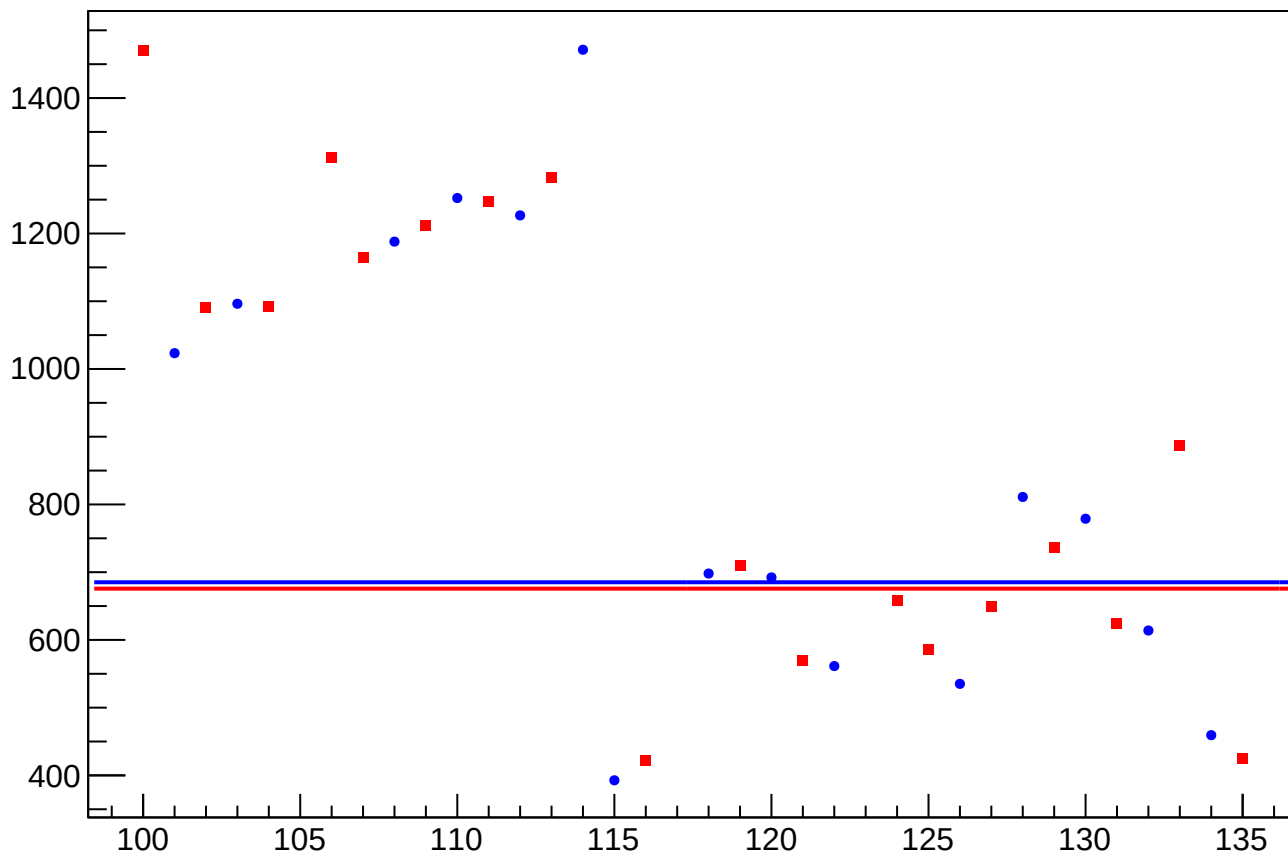
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -306.530 $\pm$ 197.203 χ^2 /NDF: 24.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_correction_rms vs Slug



Right In: 685.122+/-0.205 χ^2/NDF : 1352915.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 675.710+/-0.190 χ^2/NDF : 1875034.5/17

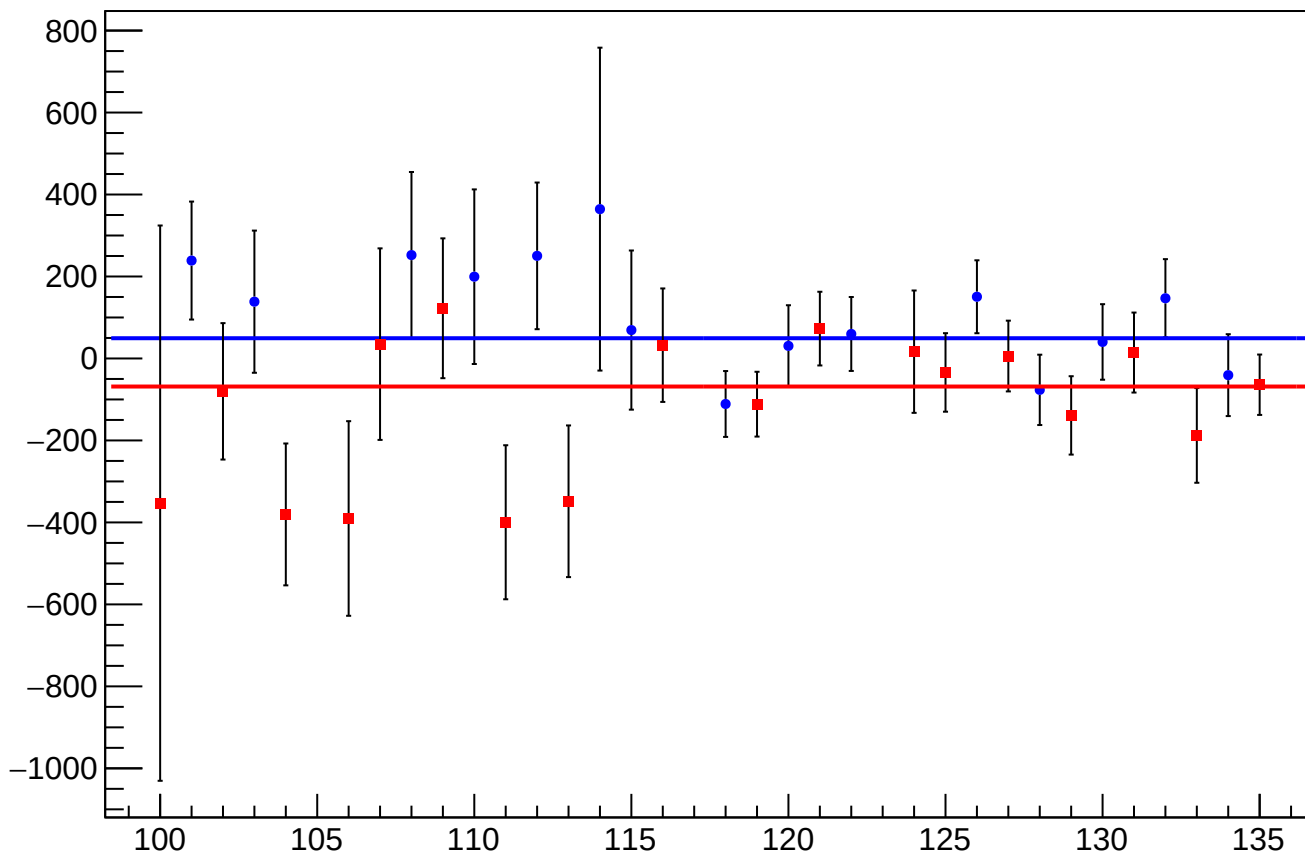
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 680.076+/-0.139 χ^2/NDF : 3229083.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_mean vs Slug



Right In: 49.388+/-29.341 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.467+/-27.764 χ^2/NDF : 18.9/17

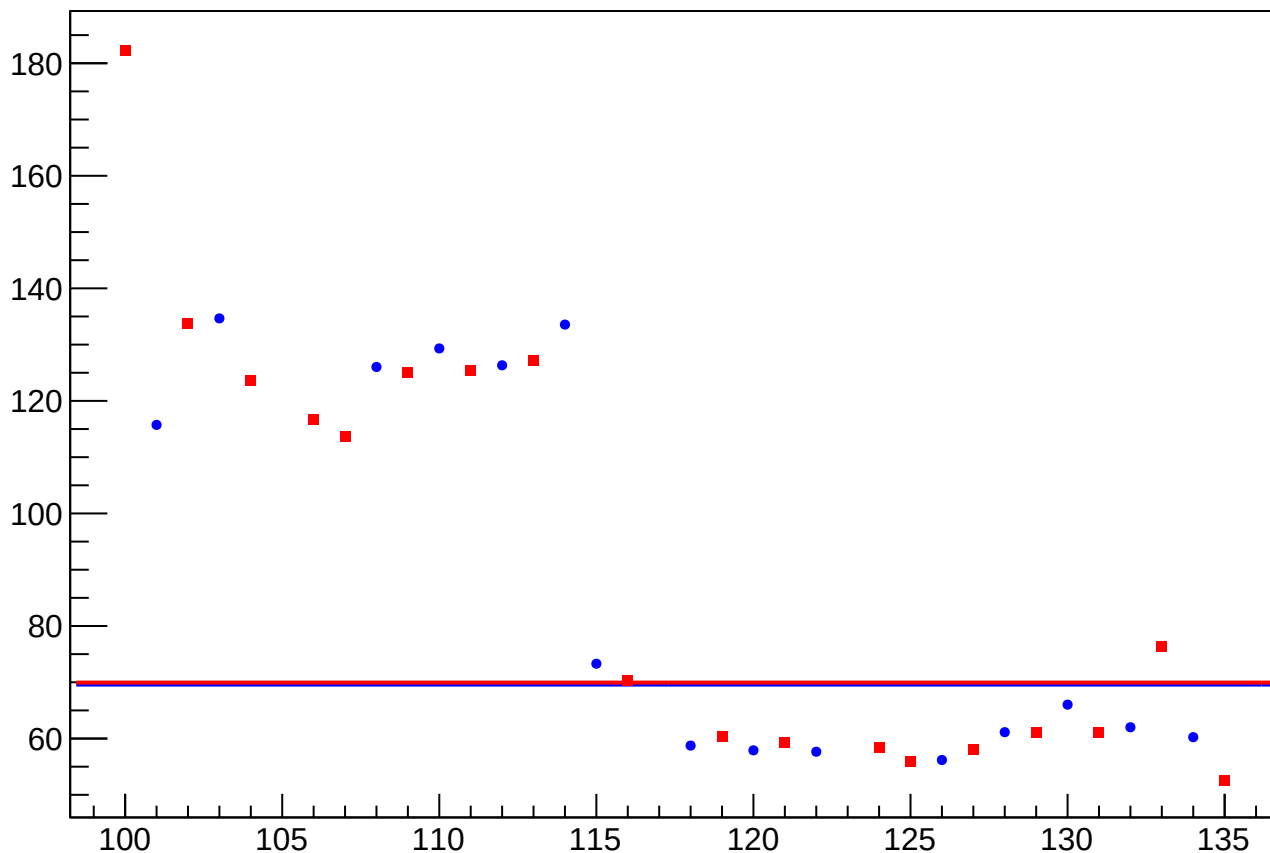
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -12.793+/-20.166 χ^2/NDF : 42.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1526_avg_rms vs Slug



Right In: 69.589+/-0.021 χ^2/NDF : 1251297.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.947+/-0.020 χ^2/NDF : 1565775.5/17

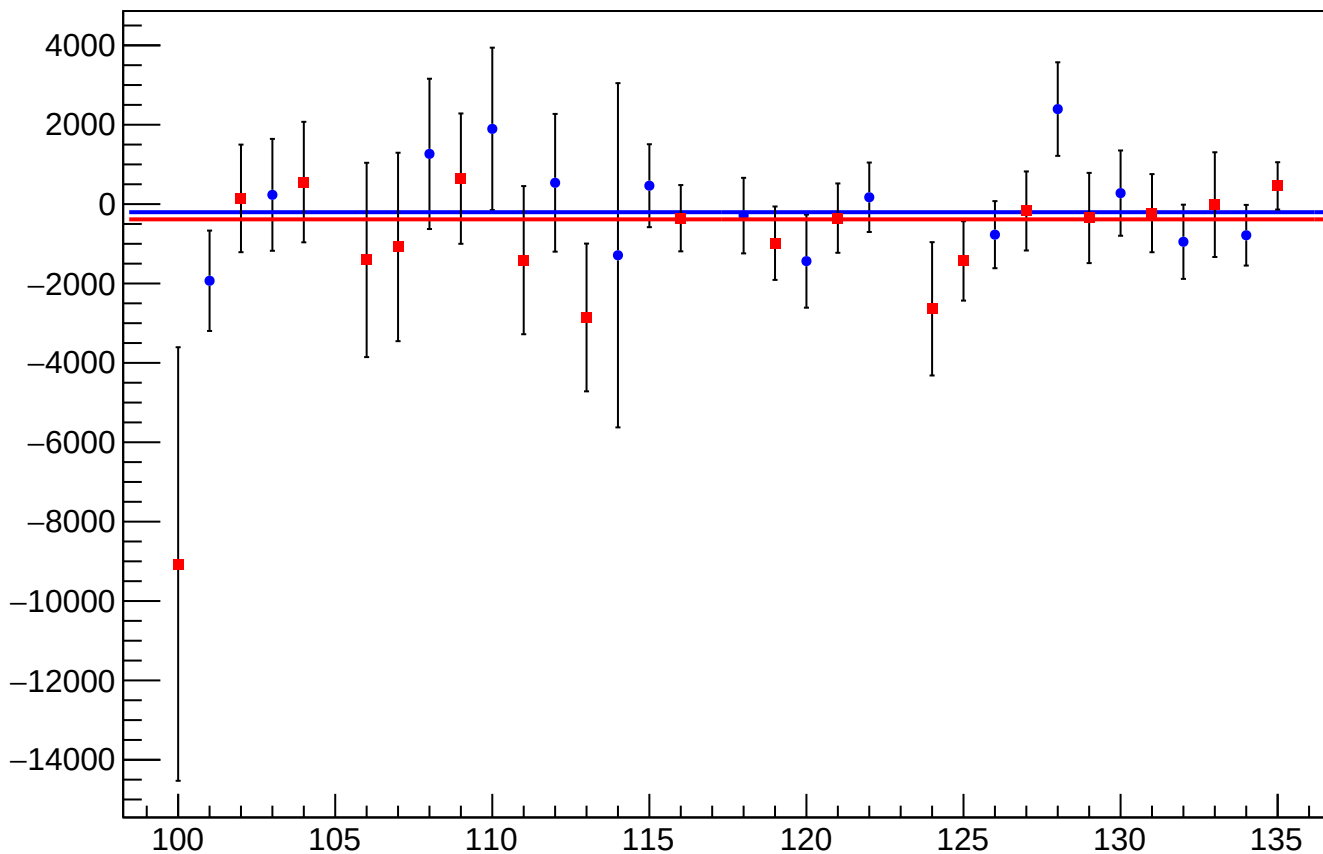
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.778+/-0.014 χ^2/NDF : 2817230.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_cor_correction_mean vs Slug



Right In: -203.638 $\pm$ 289.555 χ^2 /NDF: 12.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -383.892 $\pm$ 269.464 χ^2 /NDF: 11.3/17

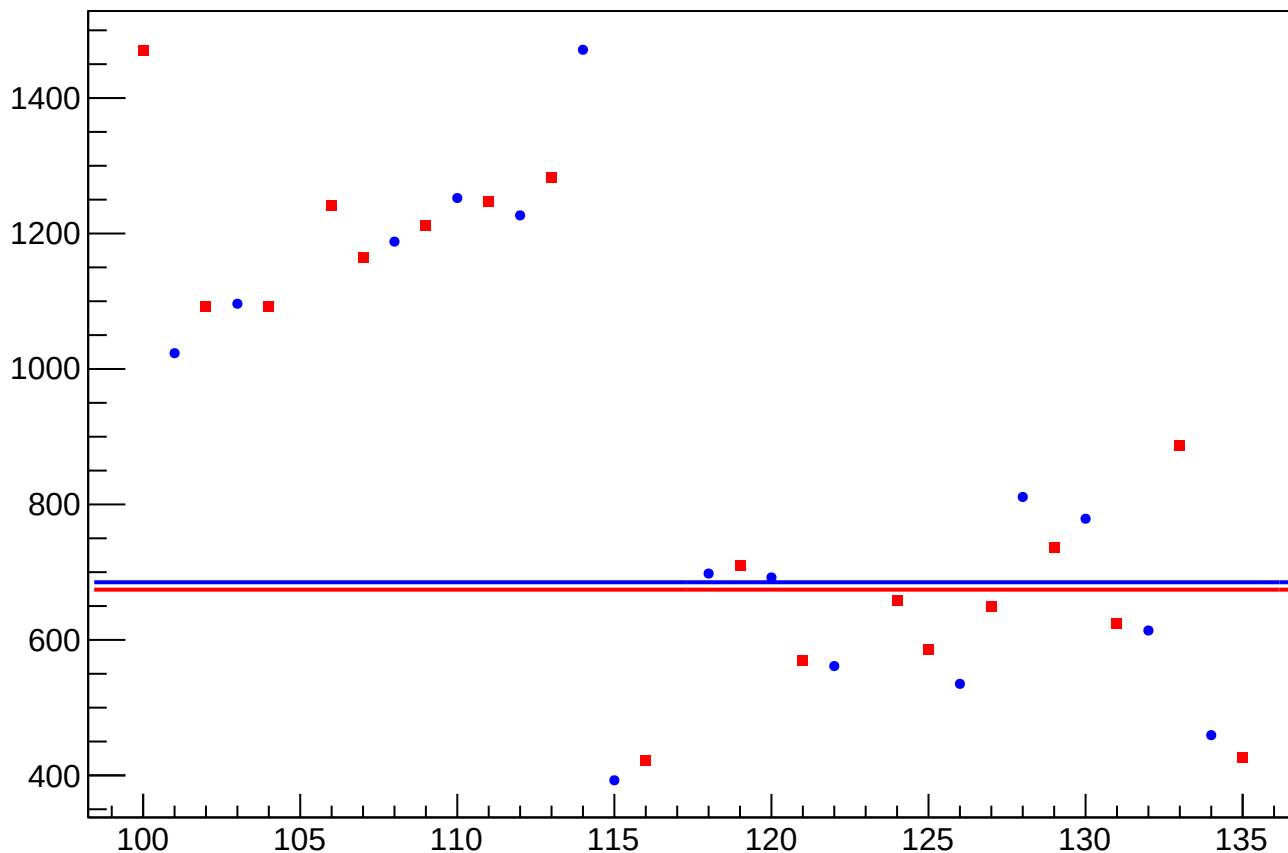
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -300.235 $\pm$ 197.260 χ^2 /NDF: 23.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_cor_correction_rms vs Slug



Right In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 674.187+/-0.191 χ^2/NDF : 1834950.9/17

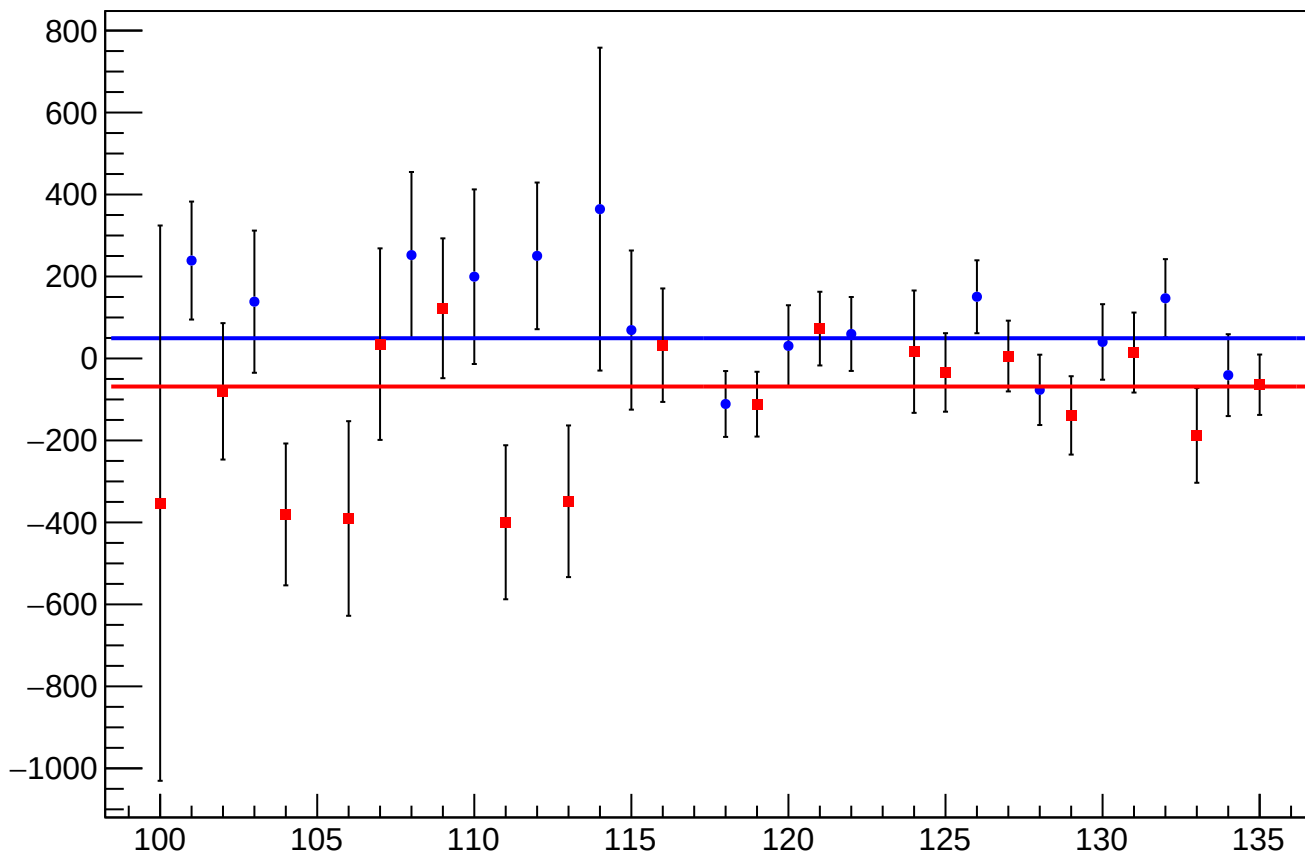
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.262+/-0.139 χ^2/NDF : 3189431.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1526_avg_mean vs Slug



Right In: 49.388 $\pm$ 29.341 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -68.467 $\pm$ 27.764 χ^2 /NDF: 18.9/17

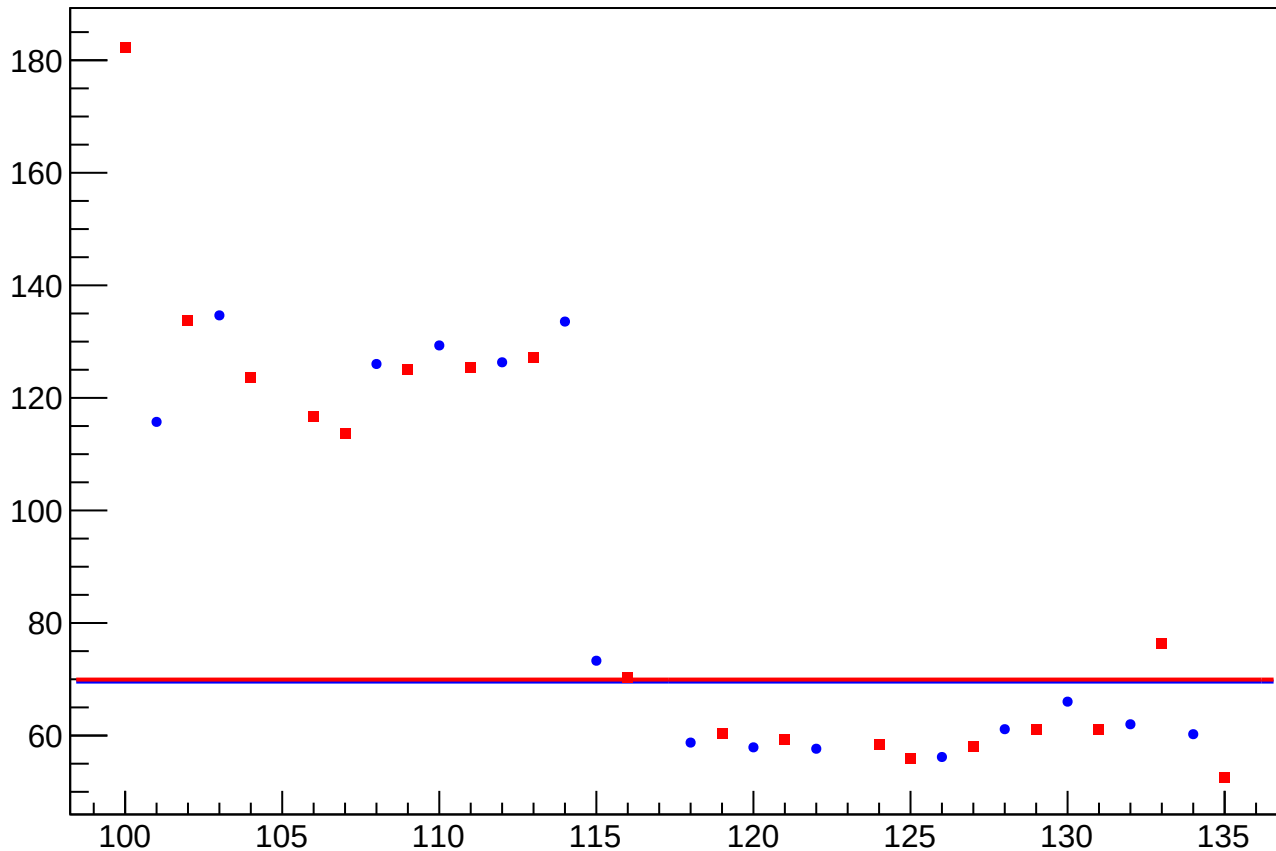
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.793 $\pm$ 20.166 χ^2 /NDF: 42.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1526_avg_rms vs Slug



Right In: 69.589+/-0.021 χ^2/NDF : 1251297.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 69.947+/-0.020 χ^2/NDF : 1565775.5/17

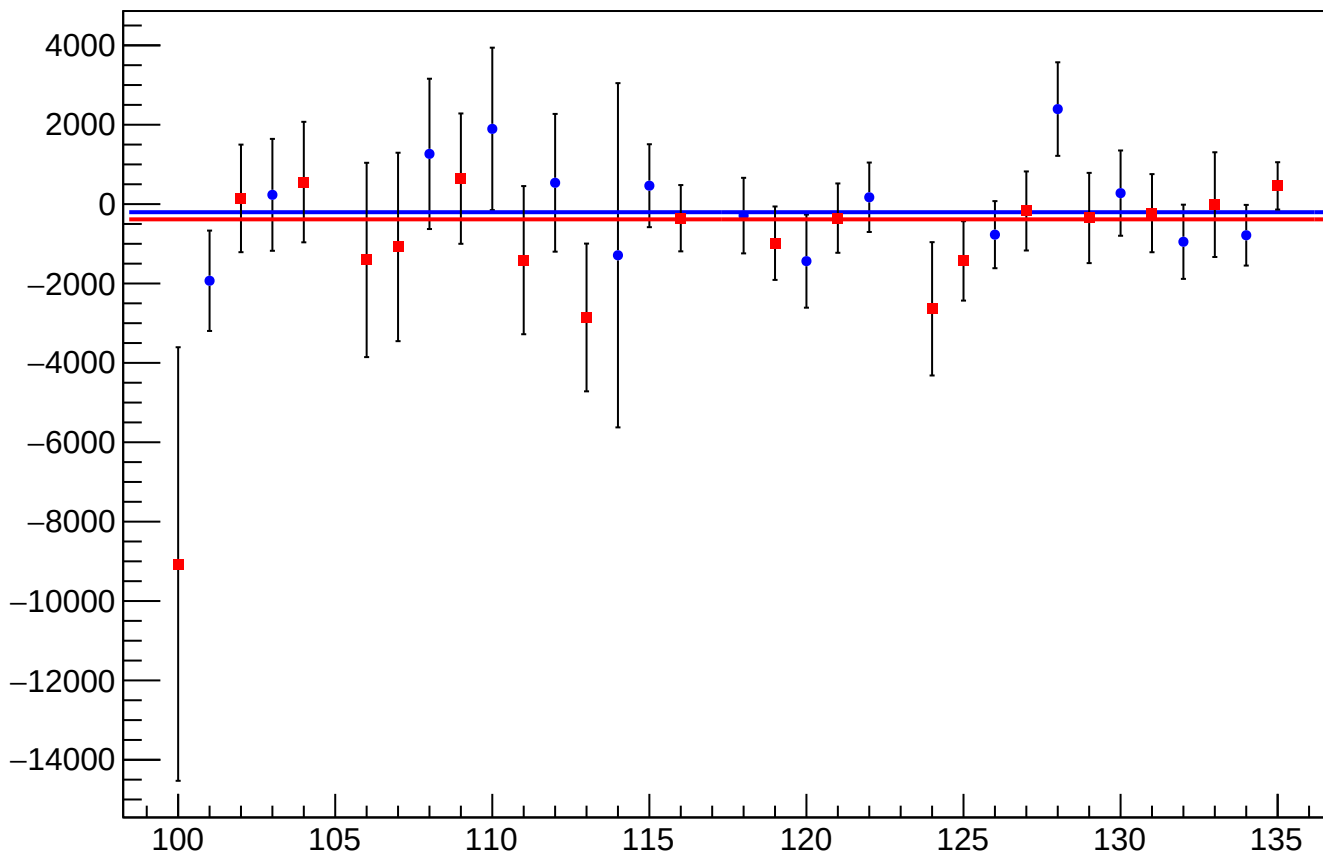
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 69.778+/-0.014 χ^2/NDF : 2817230.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_correction_mean vs Slug



Right In: -203.638+/-289.555 χ^2 /NDF: 12.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -383.892+/-269.464 χ^2 /NDF: 11.3/17

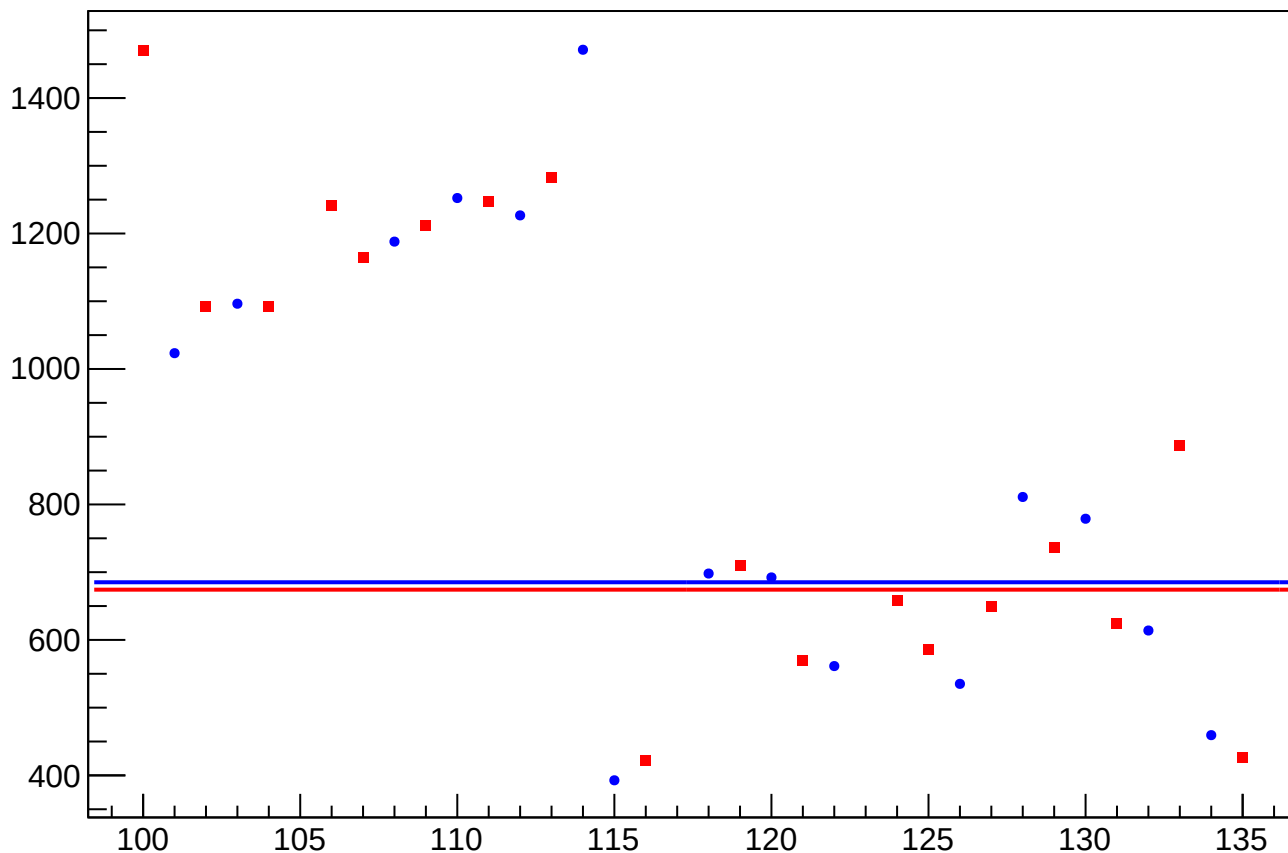
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -300.235+/-197.260 χ^2 /NDF: 23.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_cor_correction_rms vs Slug



Right In: 685.122+/-0.205 χ^2/NDF : 1352952.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 674.187+/-0.191 χ^2/NDF : 1834950.9/17

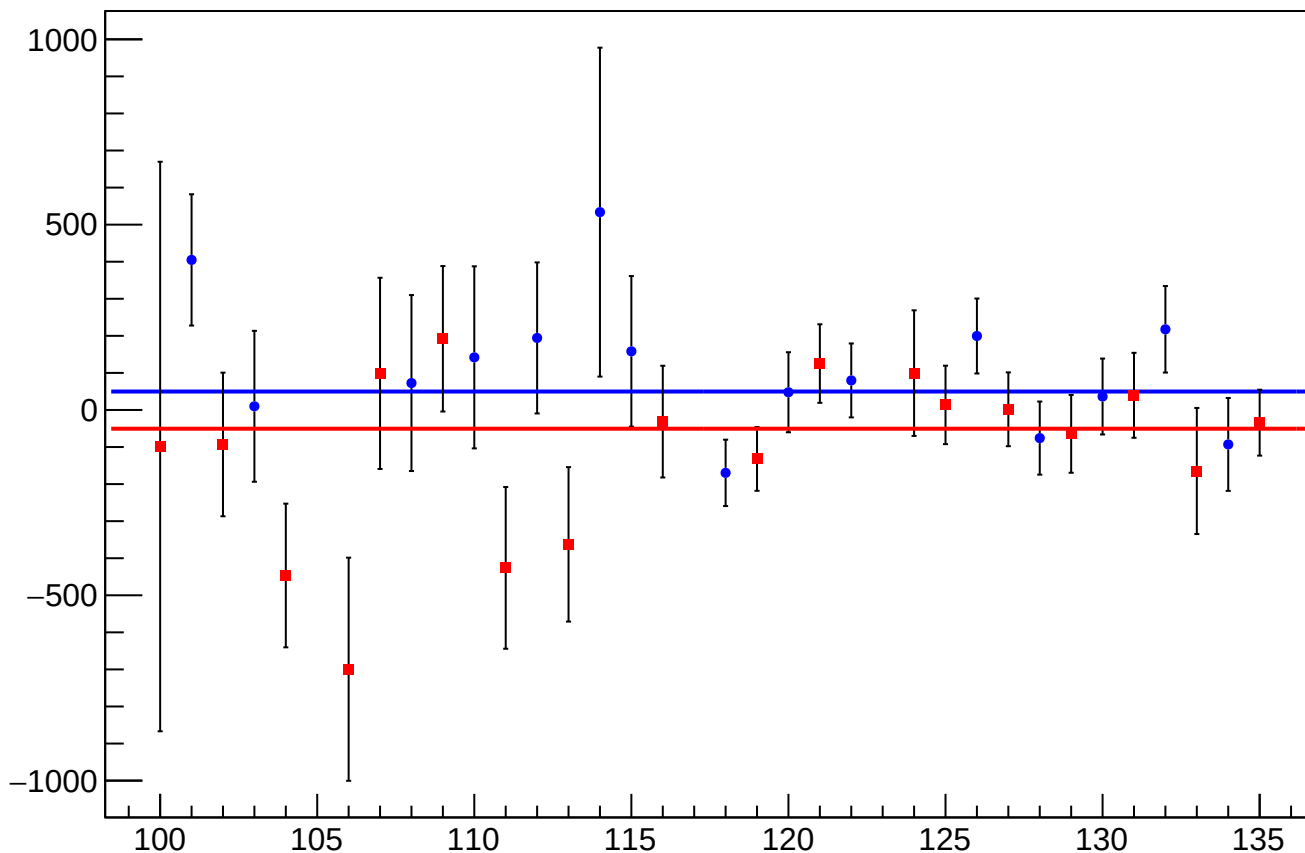
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 679.262+/-0.139 χ^2/NDF : 3189431.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1526_avg_mean vs Slug



Right In: 49.760 $\pm$ 33.563 χ^2 /NDF: 19.5/14

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

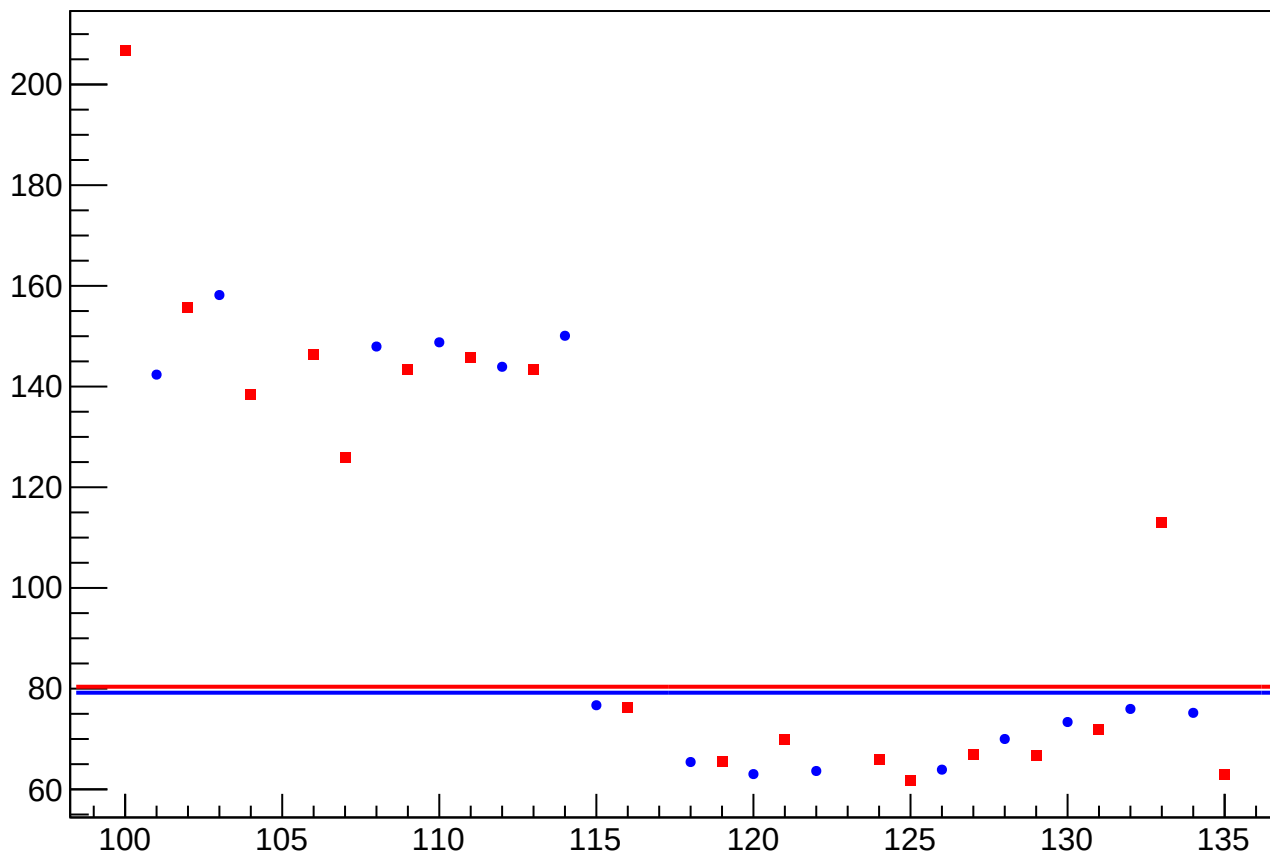
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.679 $\pm$ 23.188 χ^2 /NDF: 46.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_1526_avg_rms vs Slug



Right In: 79.193+/-0.024 χ^2/NDF : 1350777.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 80.380+/-0.023 χ^2/NDF : 1651573.5/17

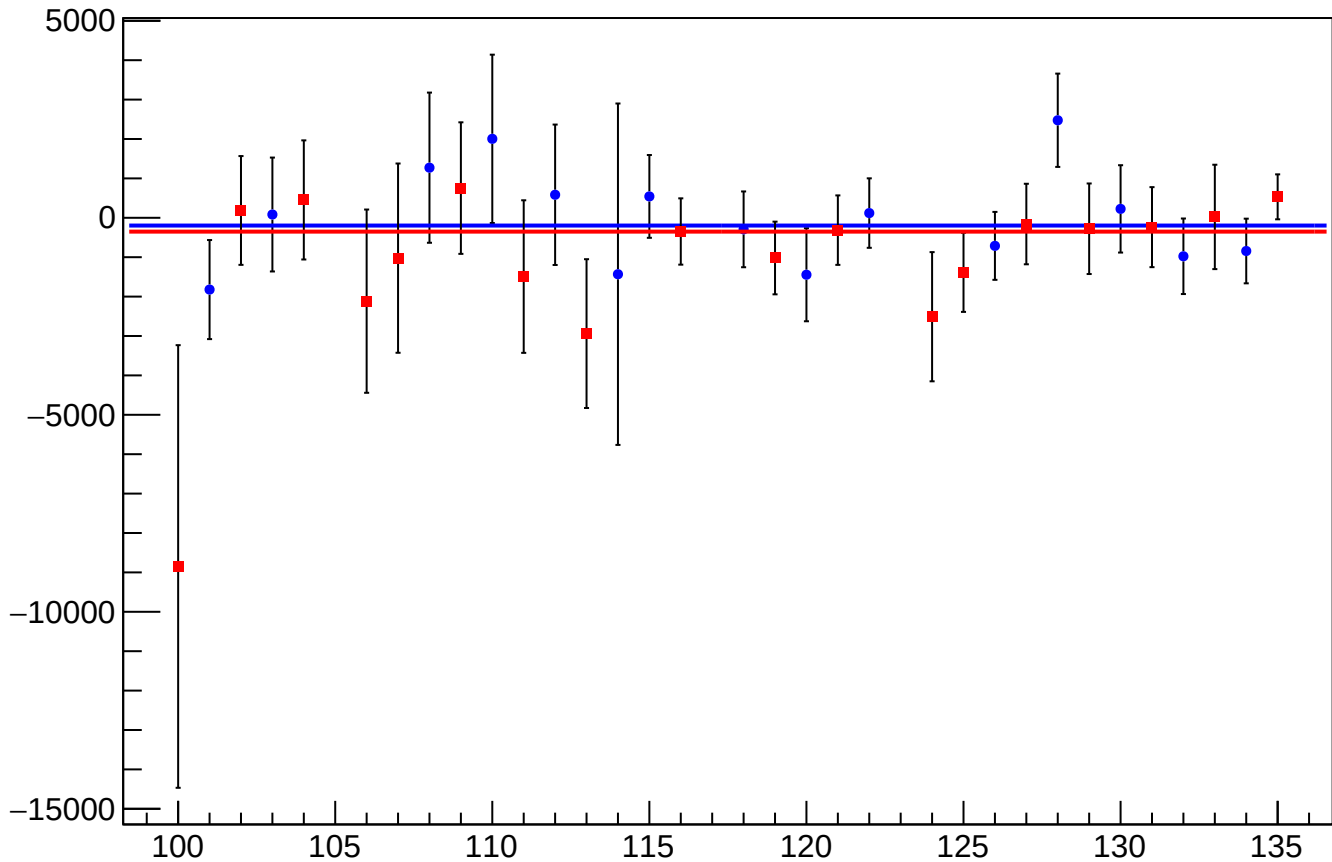
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 79.813+/-0.016 χ^2/NDF : 3003659.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_mean vs Slug



Right In: -196.800 ± 296.052 χ^2/NDF : 12.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -350.838 ± 268.975 χ^2/NDF : 11.9/17

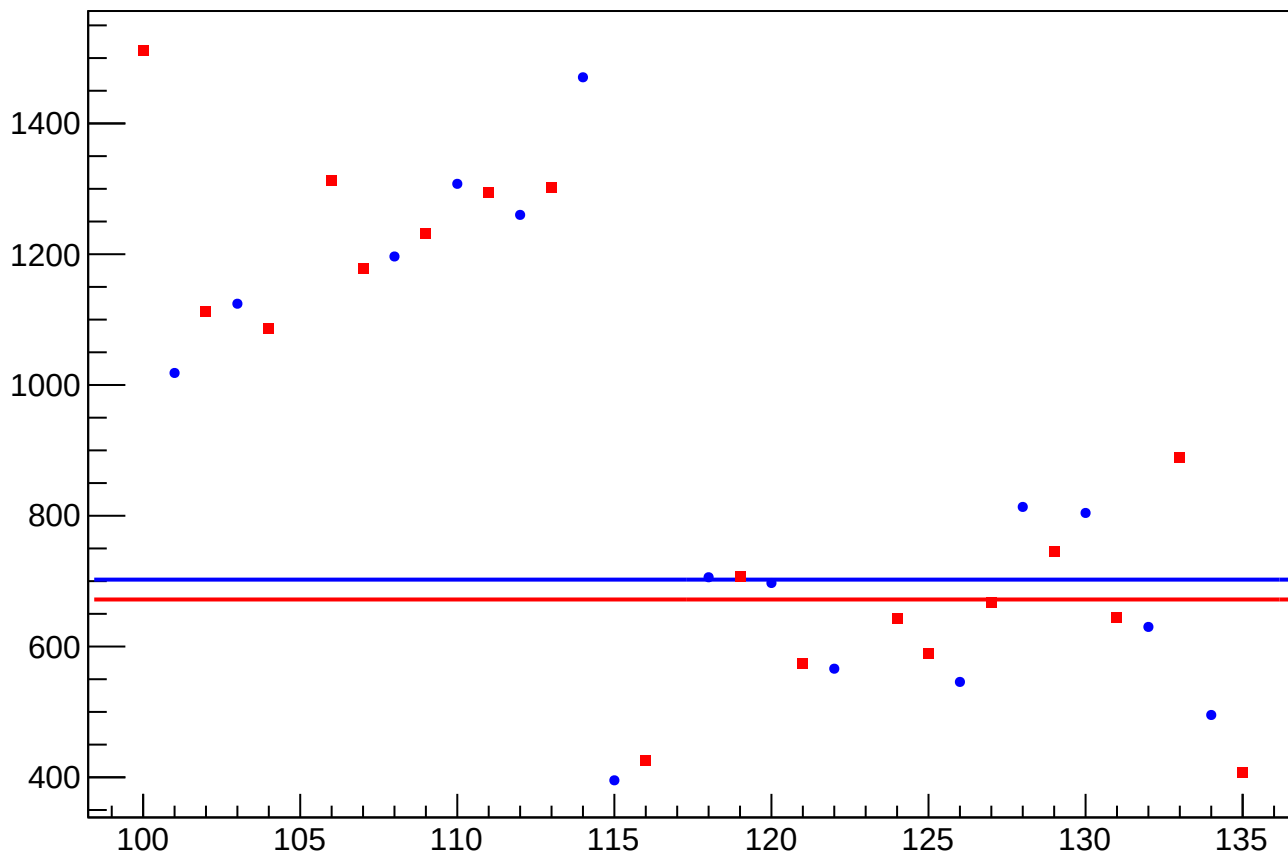
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -281.184 ± 199.080 χ^2/NDF : 24.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_correction_rms vs Slug



Right In: 702.330+/-0.209 χ^2/NDF : 1308328.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.947+/-0.190 χ^2/NDF : 2001155.6/17

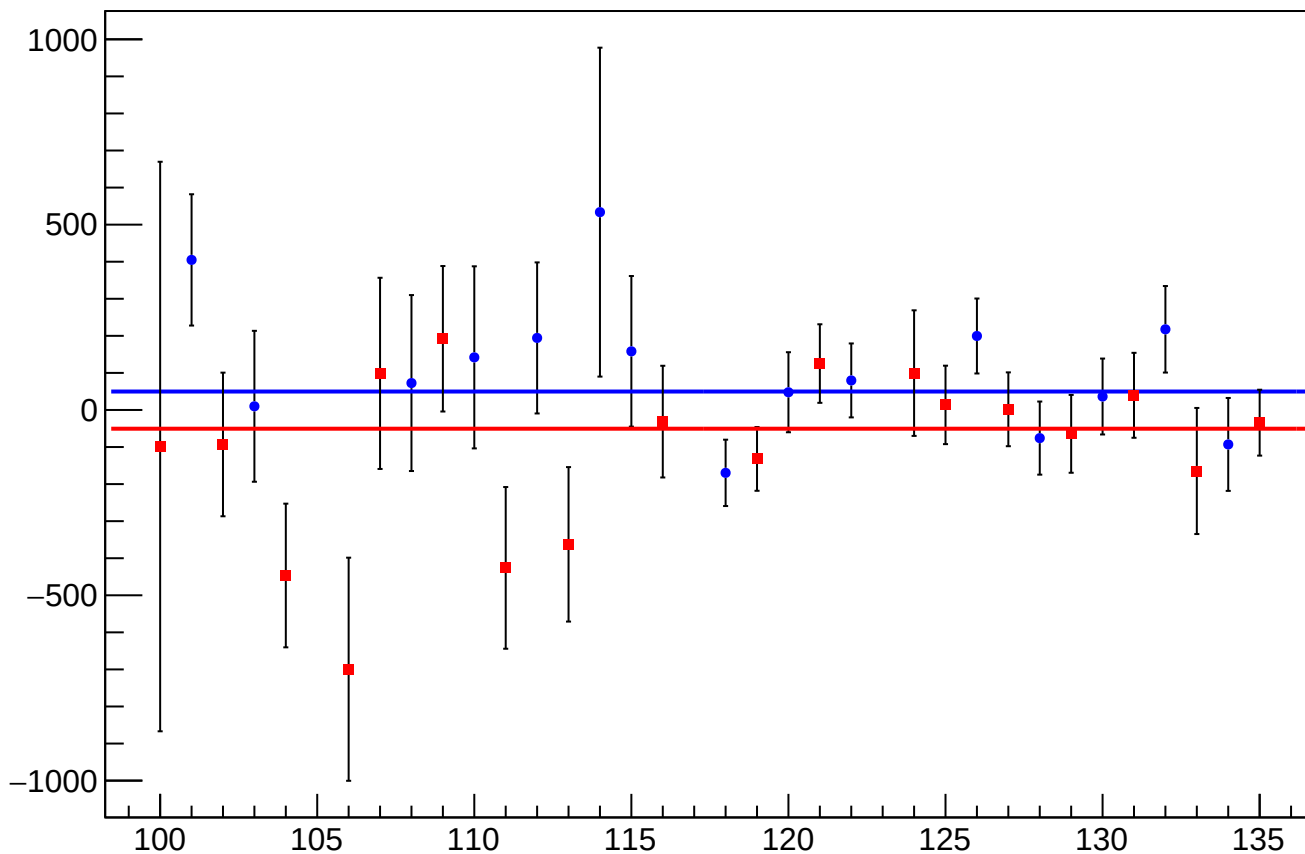
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.686+/-0.141 χ^2/NDF : 3321023.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1526_avg_mean vs Slug



Right In: 49.760 $\pm$ 33.563 χ^2 /NDF: 19.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -50.563 $\pm$ 32.072 χ^2 /NDF: 22.2/17

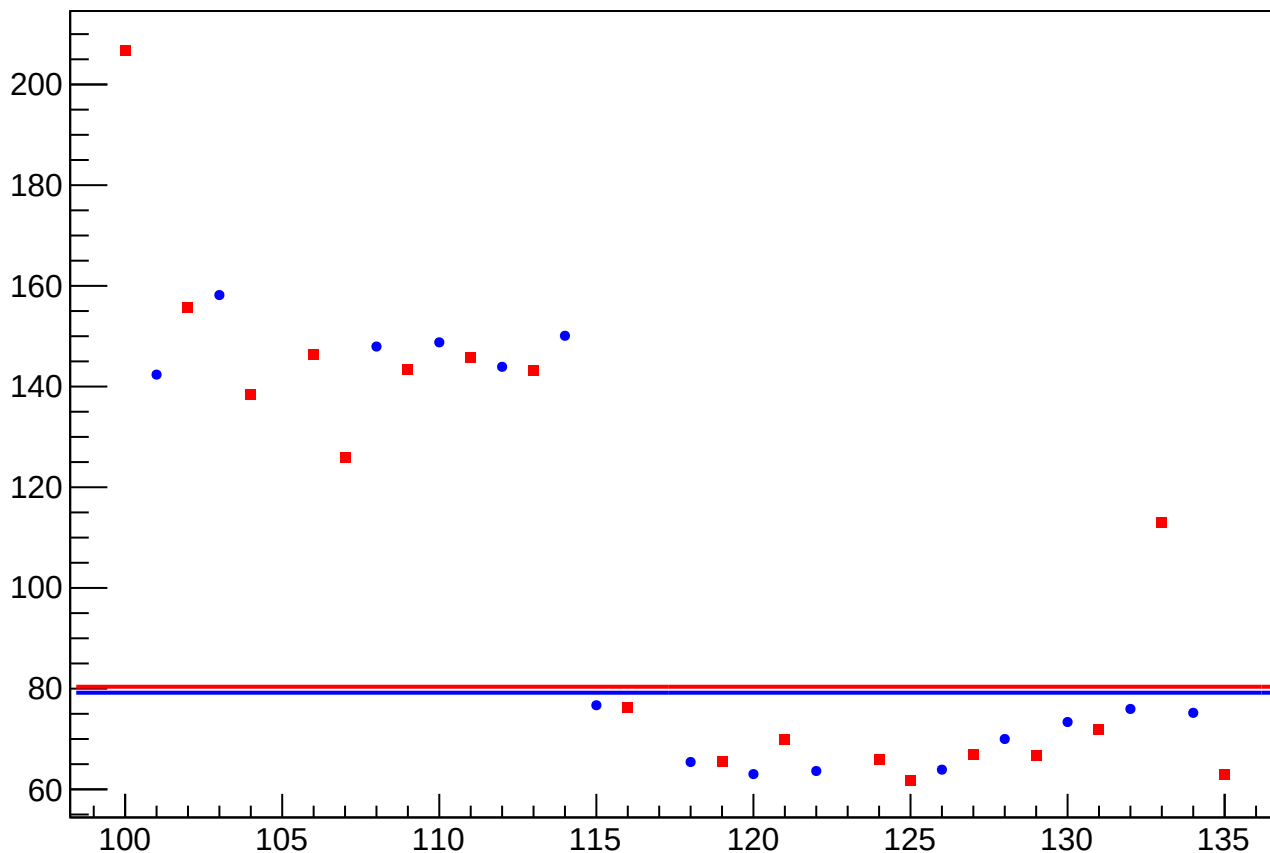
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -2.678 $\pm$ 23.187 χ^2 /NDF: 46.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_1526_avg_rms vs Slug



Right In: 79.192 $\pm$ 0.024 χ^2 /NDF: 1350774.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 80.380 $\pm$ 0.023 χ^2 /NDF: 1651569.3/17

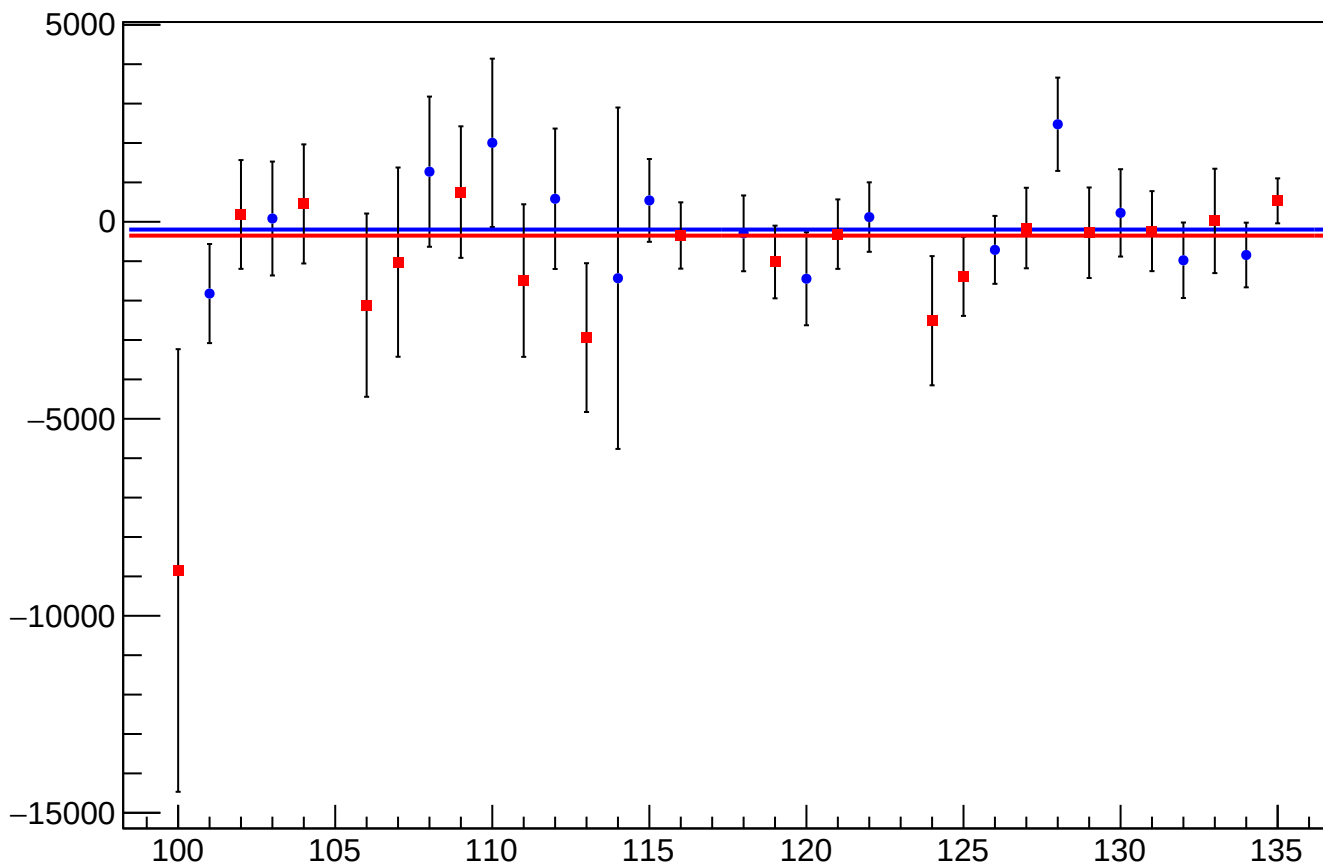
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 79.813 $\pm$ 0.016 χ^2 /NDF: 3003653.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_correction_mean vs Slug



Right In: -196.799+/-296.051 χ^2/NDF : 12.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -350.838+/-268.975 χ^2/NDF : 11.9/17

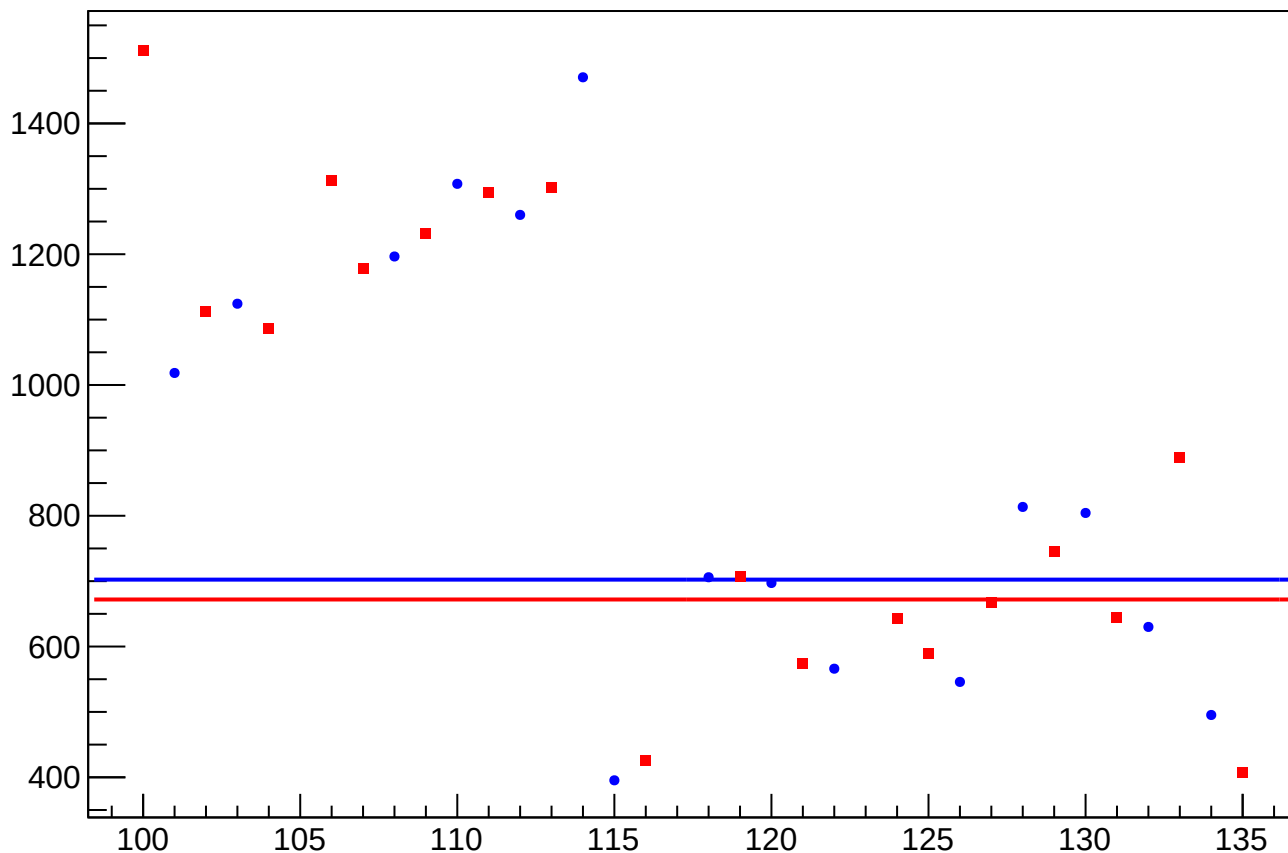
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -281.183+/-199.080 χ^2/NDF : 24.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_correction_rms vs Slug



Right In: 702.328+/-0.209 χ^2/NDF : 1308314.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 671.946+/-0.190 χ^2/NDF : 2001140.3/17

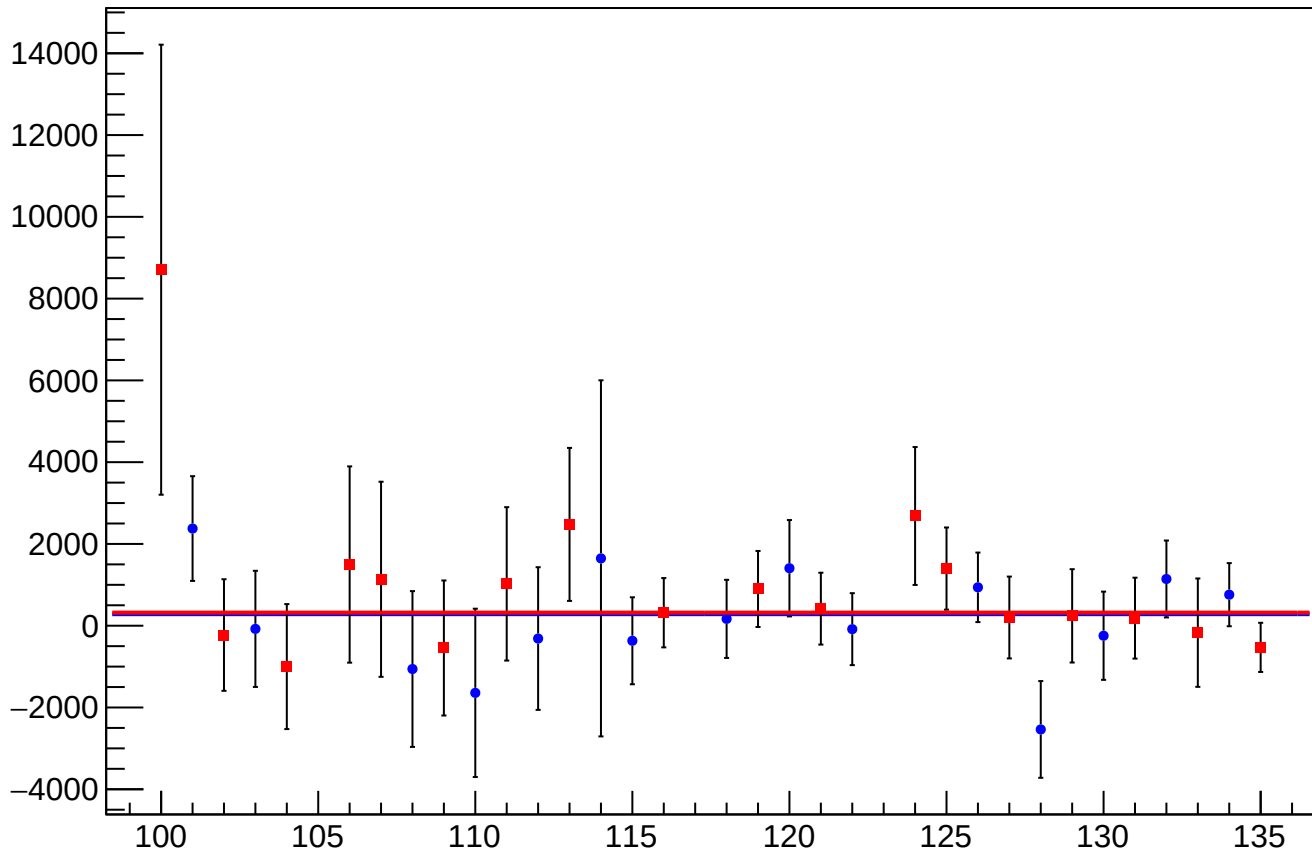
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.685+/-0.141 χ^2/NDF : 3320993.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_mean vs Slug



Right In: 282.064+/-291.655 χ^2/NDF : 13.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 320.395+/-271.206 χ^2/NDF : 11.0/17

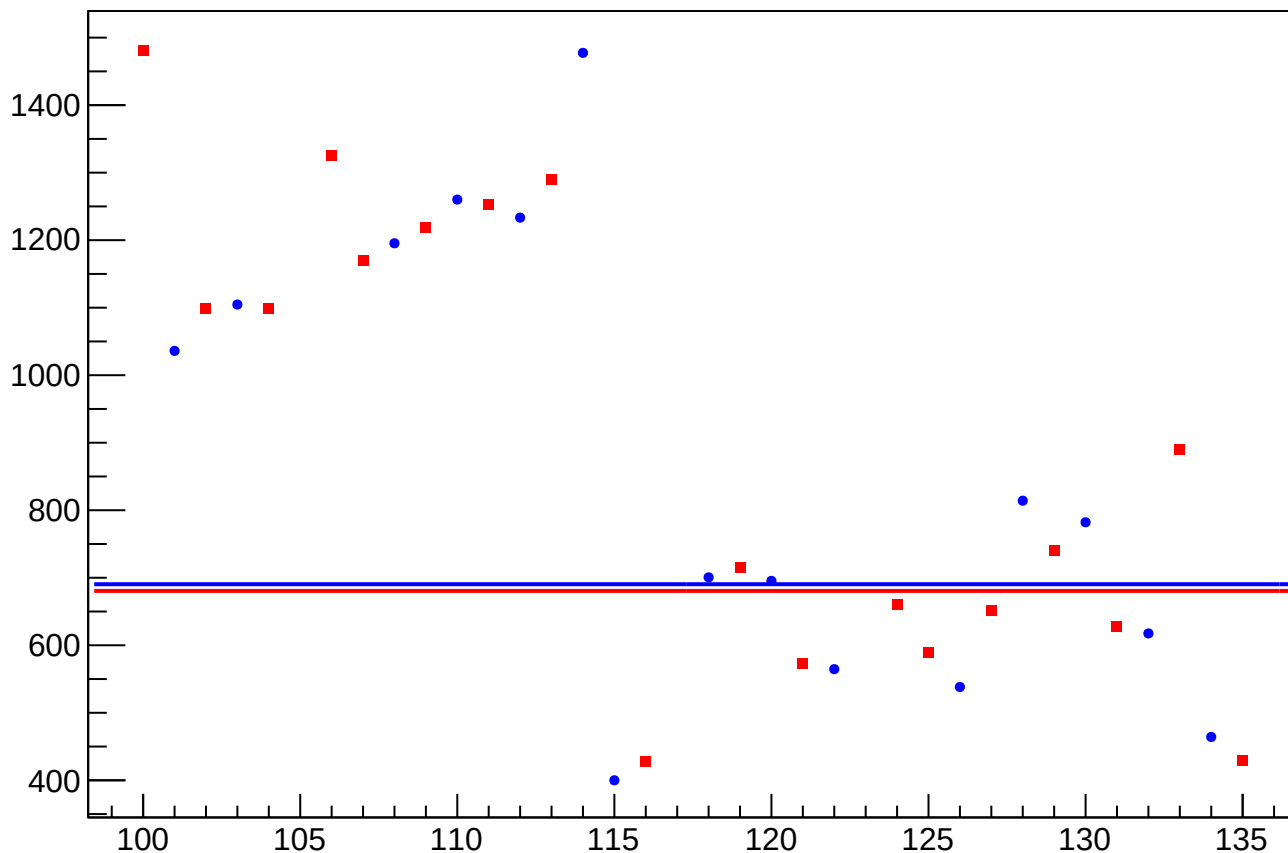
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 302.620+/-198.608 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_rms vs Slug



Right In: 690.421+/-0.206 χ^2/NDF : 1342925.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 680.518+/-0.192 χ^2/NDF : 1860639.3/17

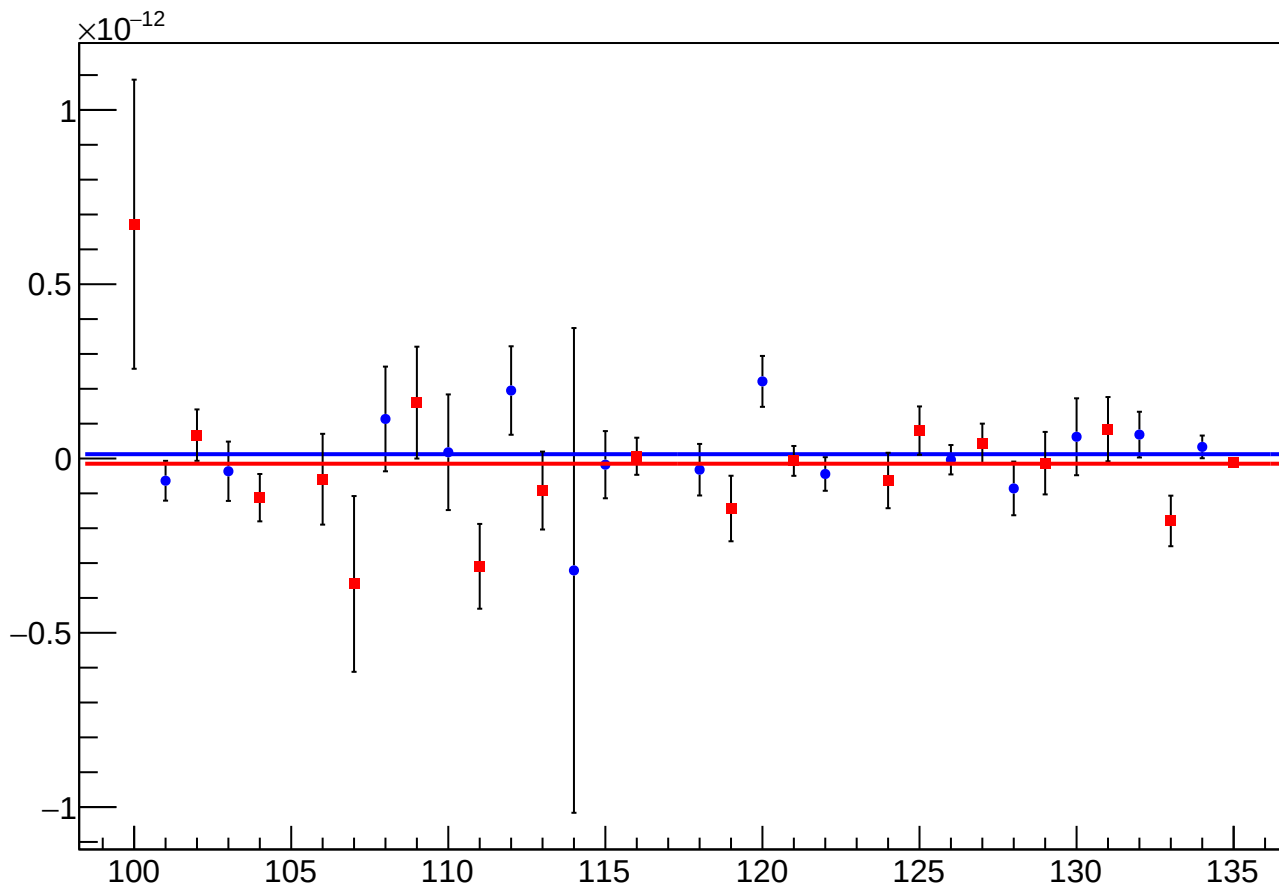
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 685.110+/-0.140 χ^2/NDF : 3204801.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 27.3/17

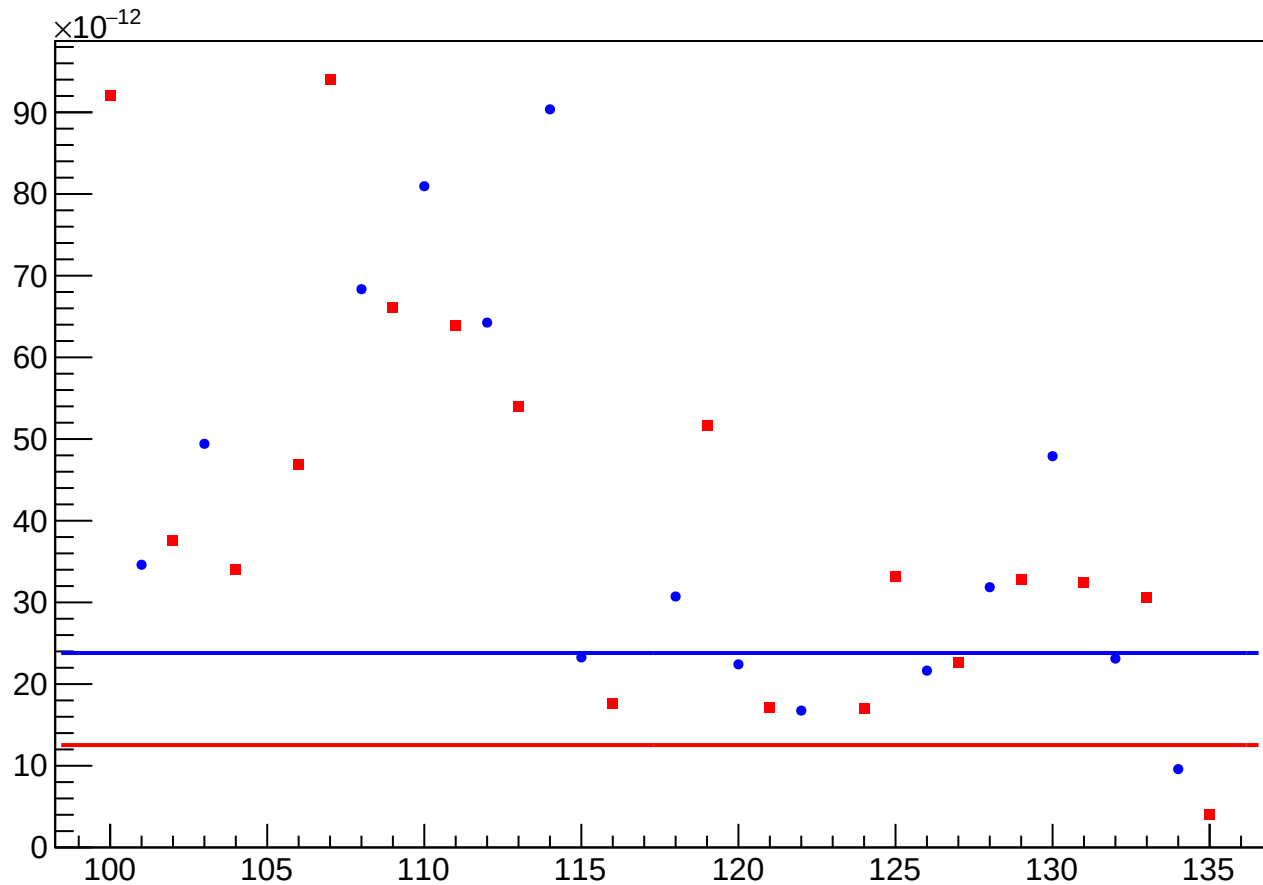
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 47.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1453083.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 3464972.7/17

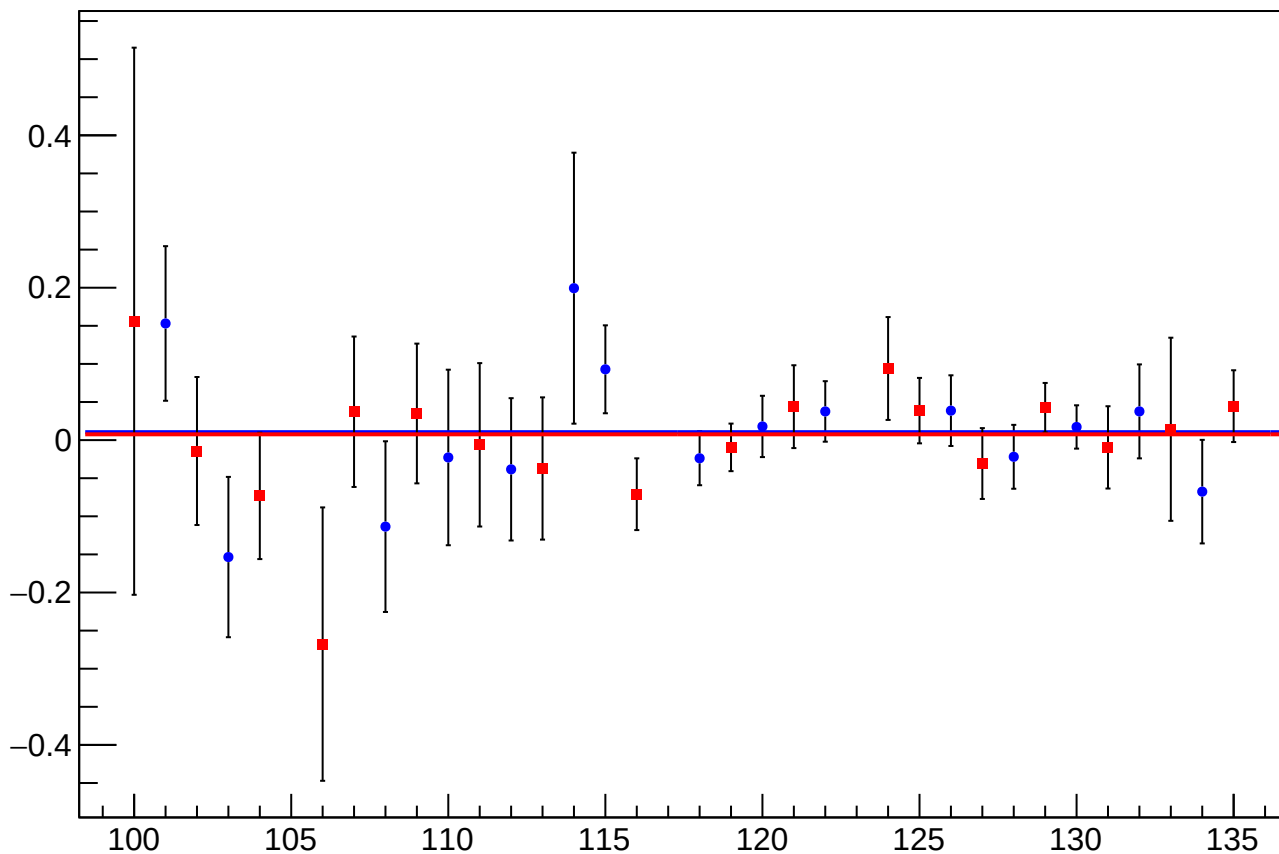
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 5543134.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

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

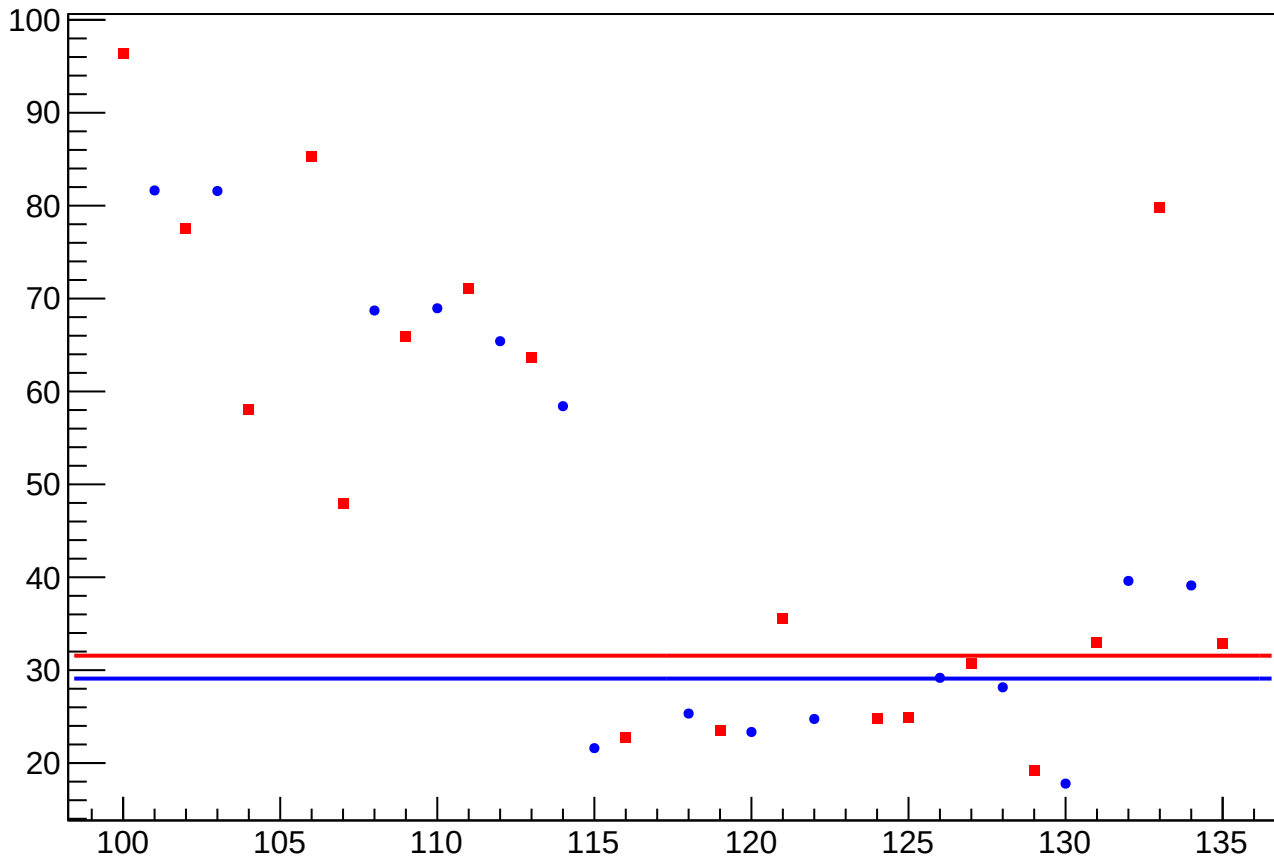
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 25.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_cor_diff_rms vs Slug



Right In: 29.093+/-0.009 χ^2/NDF : 2420878.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.559+/-0.009 χ^2/NDF : 2640686.4/17

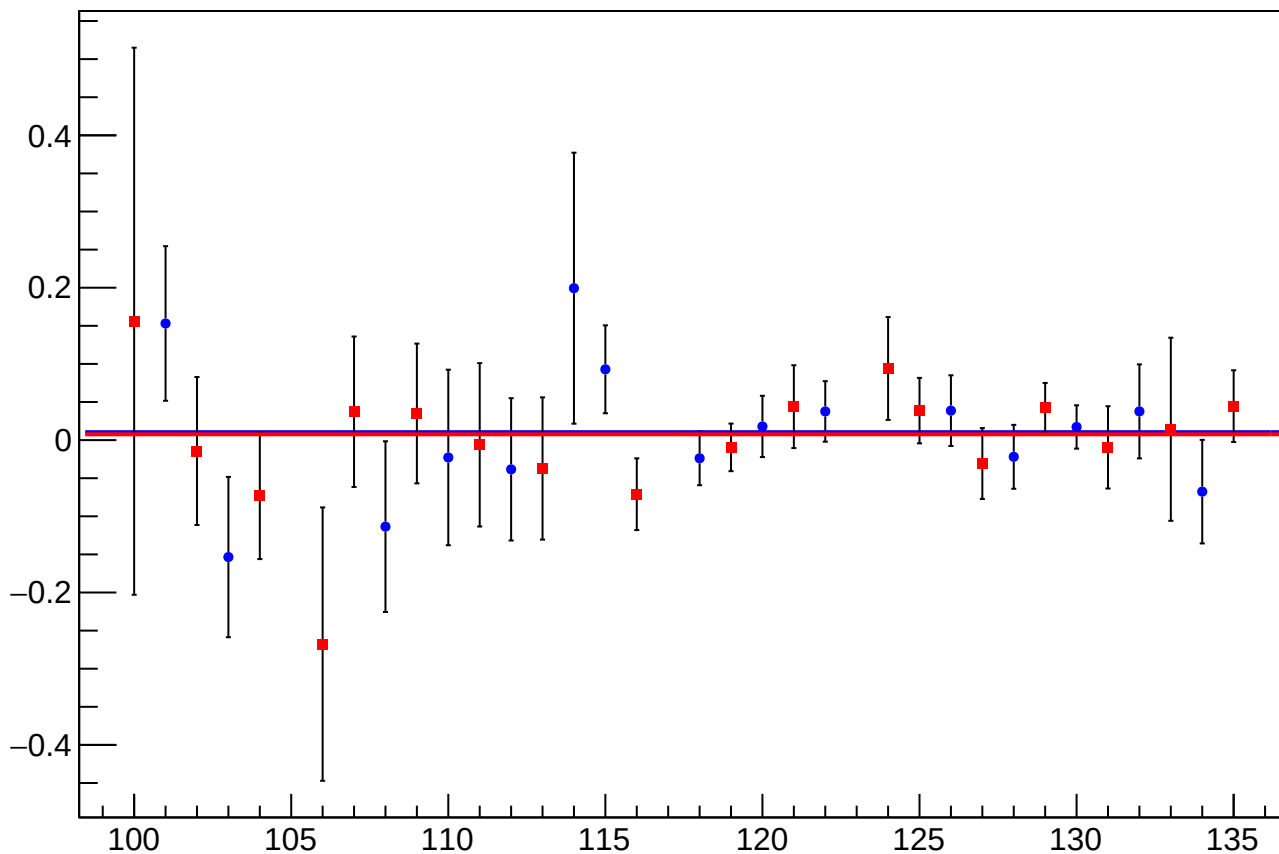
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.323+/-0.007 χ^2/NDF : 5095463.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

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

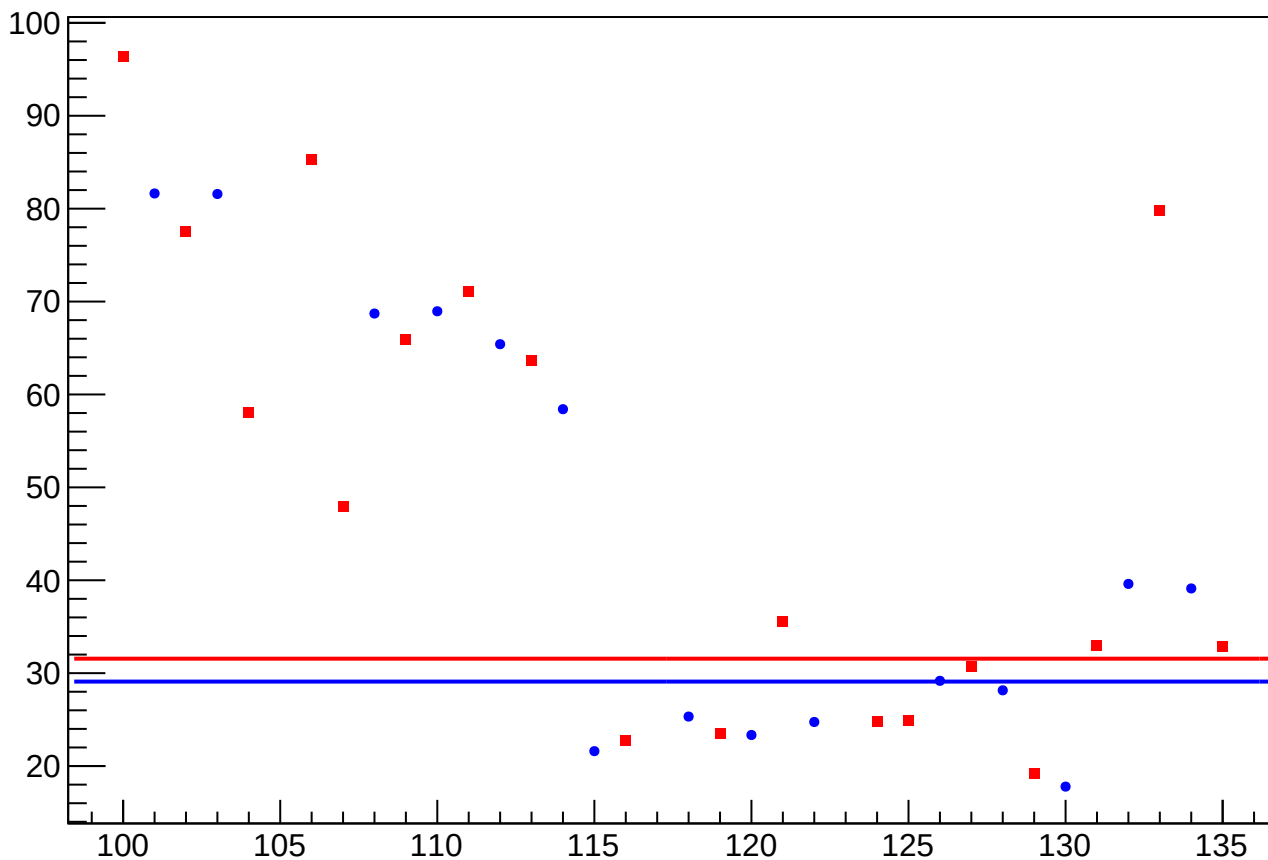
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 25.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.093+/-0.009 χ^2/NDF : 2420878.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.559+/-0.009 χ^2/NDF : 2640686.4/17

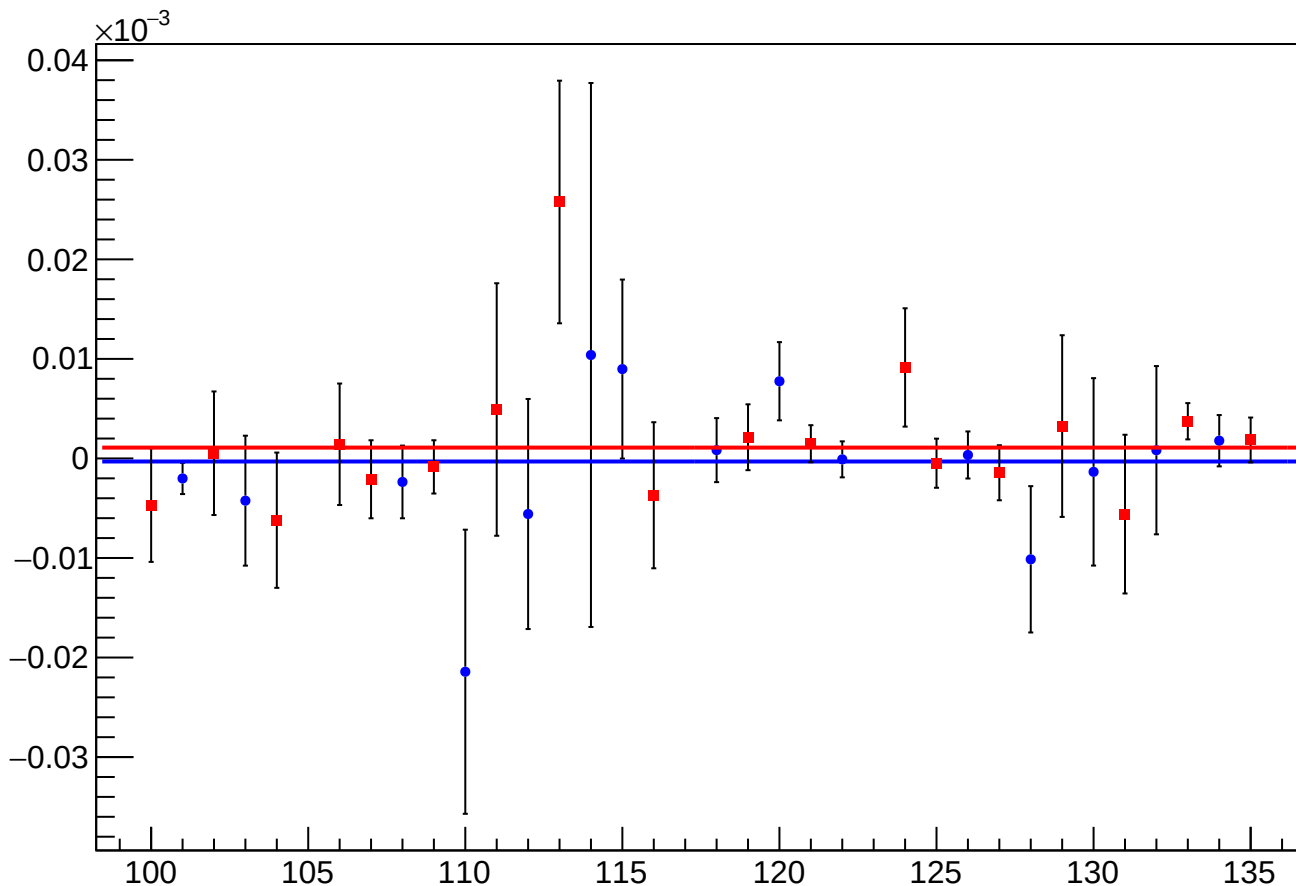
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.323+/-0.007 χ^2/NDF : 5095463.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 12.4/14

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

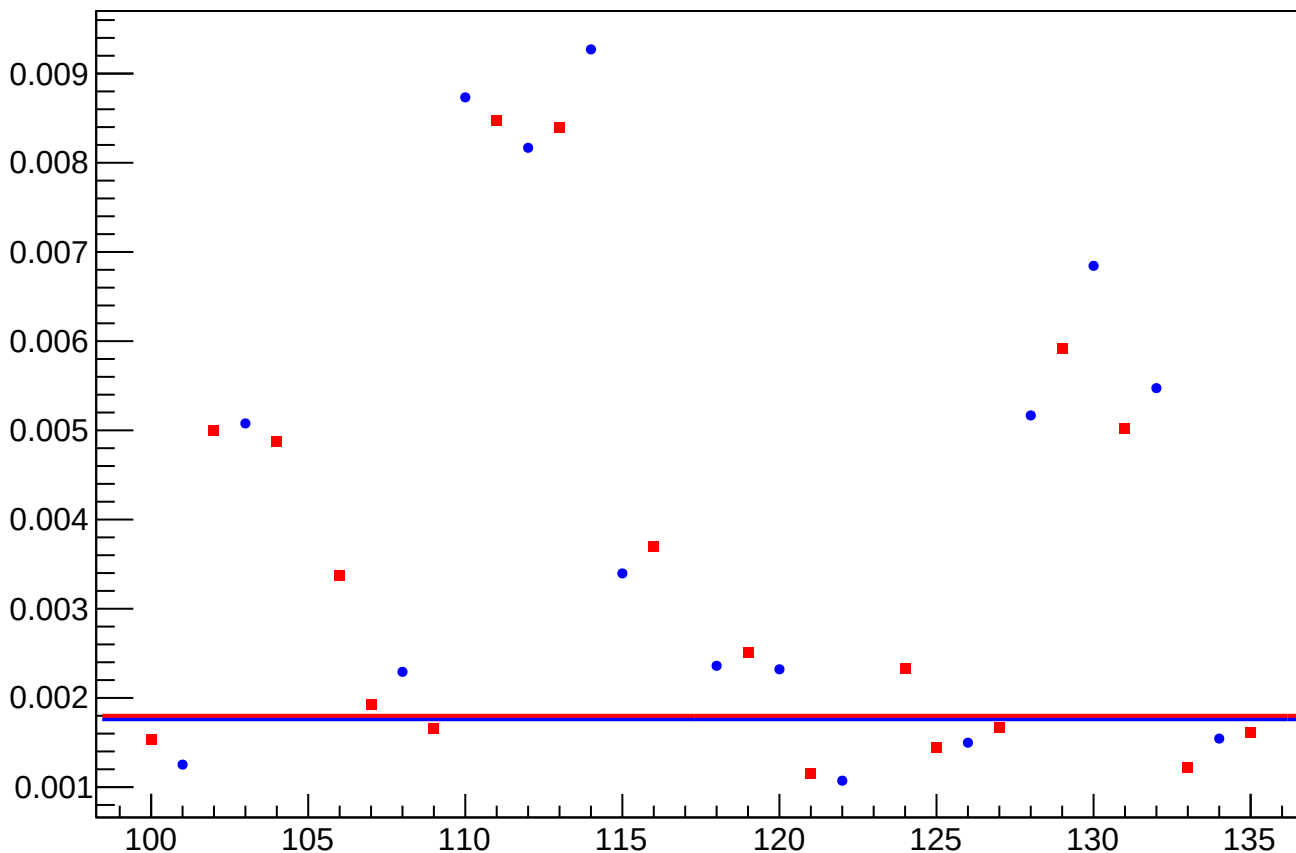
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3915923.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.000 χ^2/NDF : 3704465.0/17

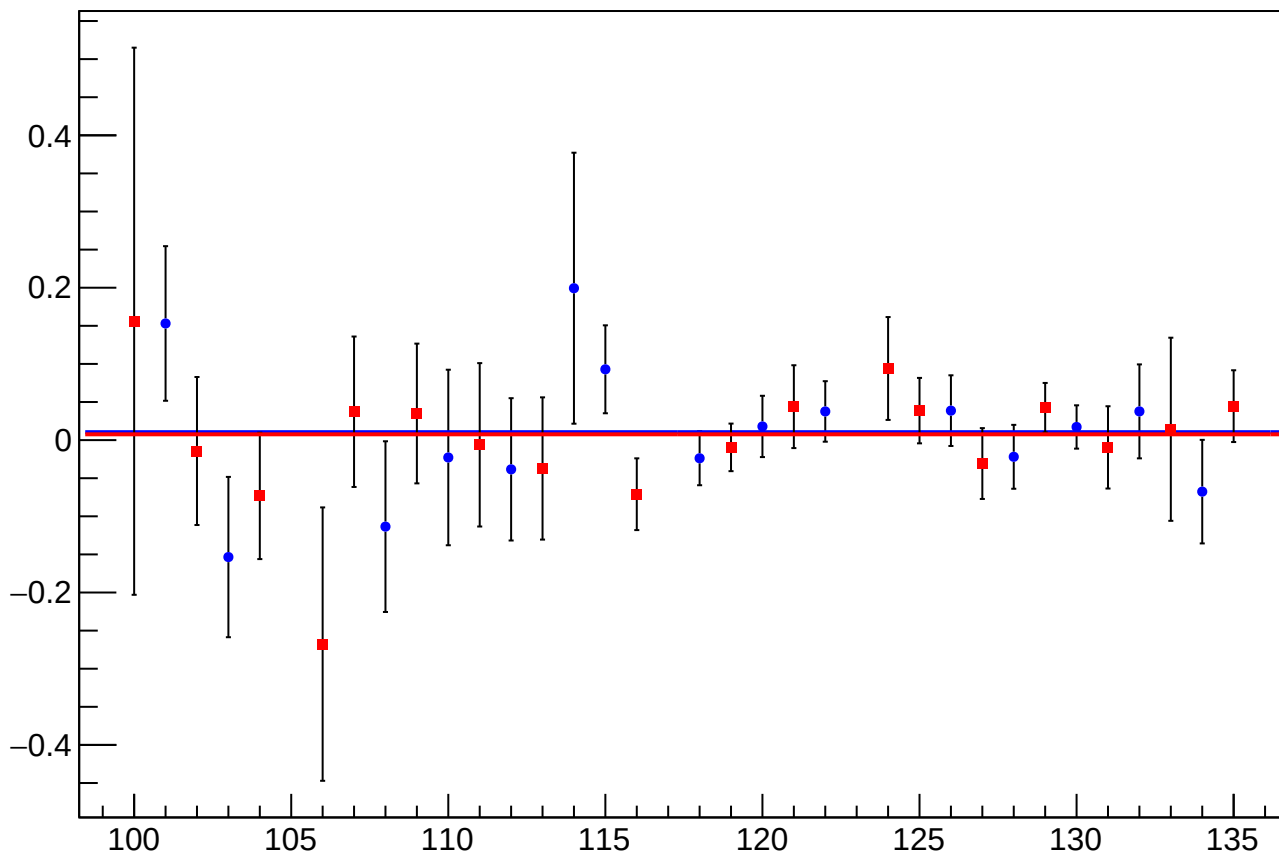
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 7622548.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

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

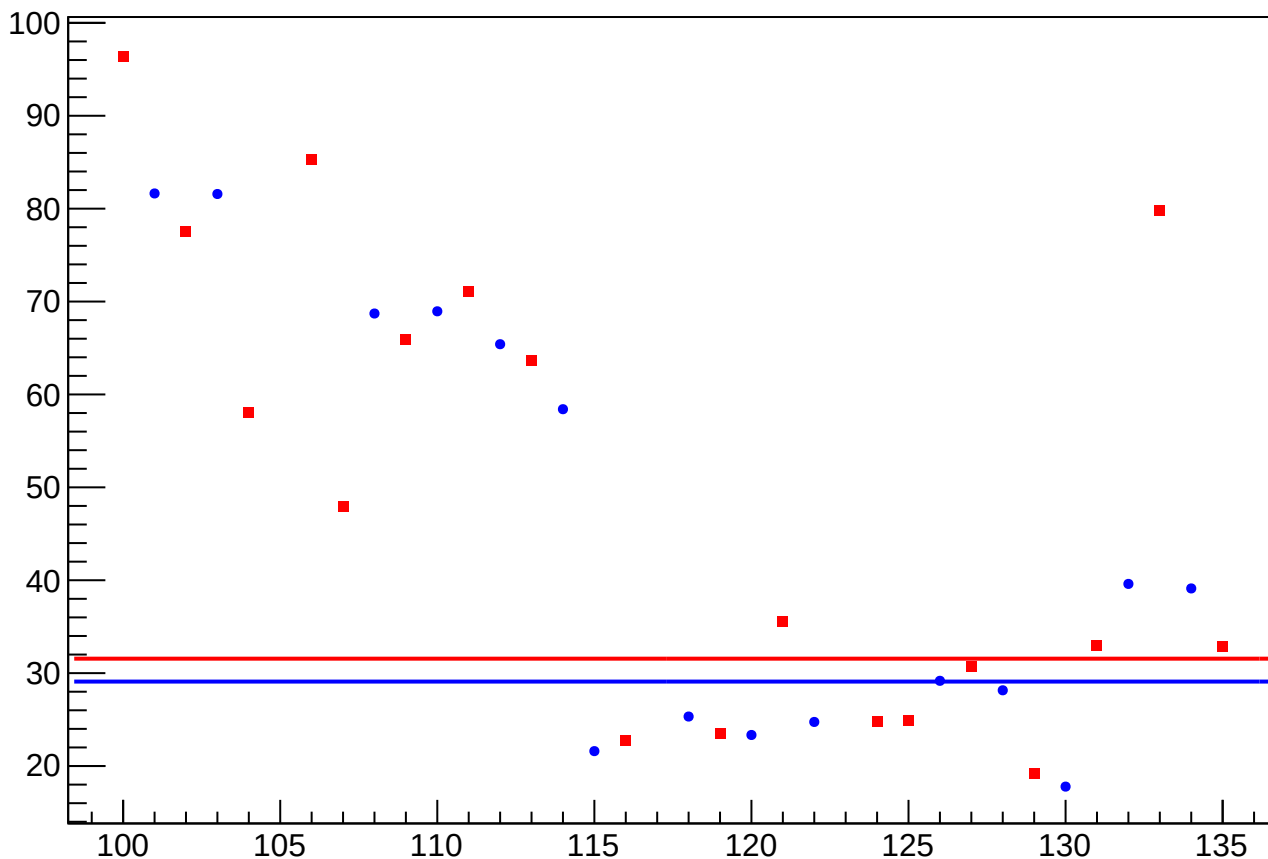
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 25.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.092 $\pm$ 0.009 χ^2 /NDF: 2421056.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 31.557 $\pm$ 0.009 χ^2 /NDF: 2640848.3/17

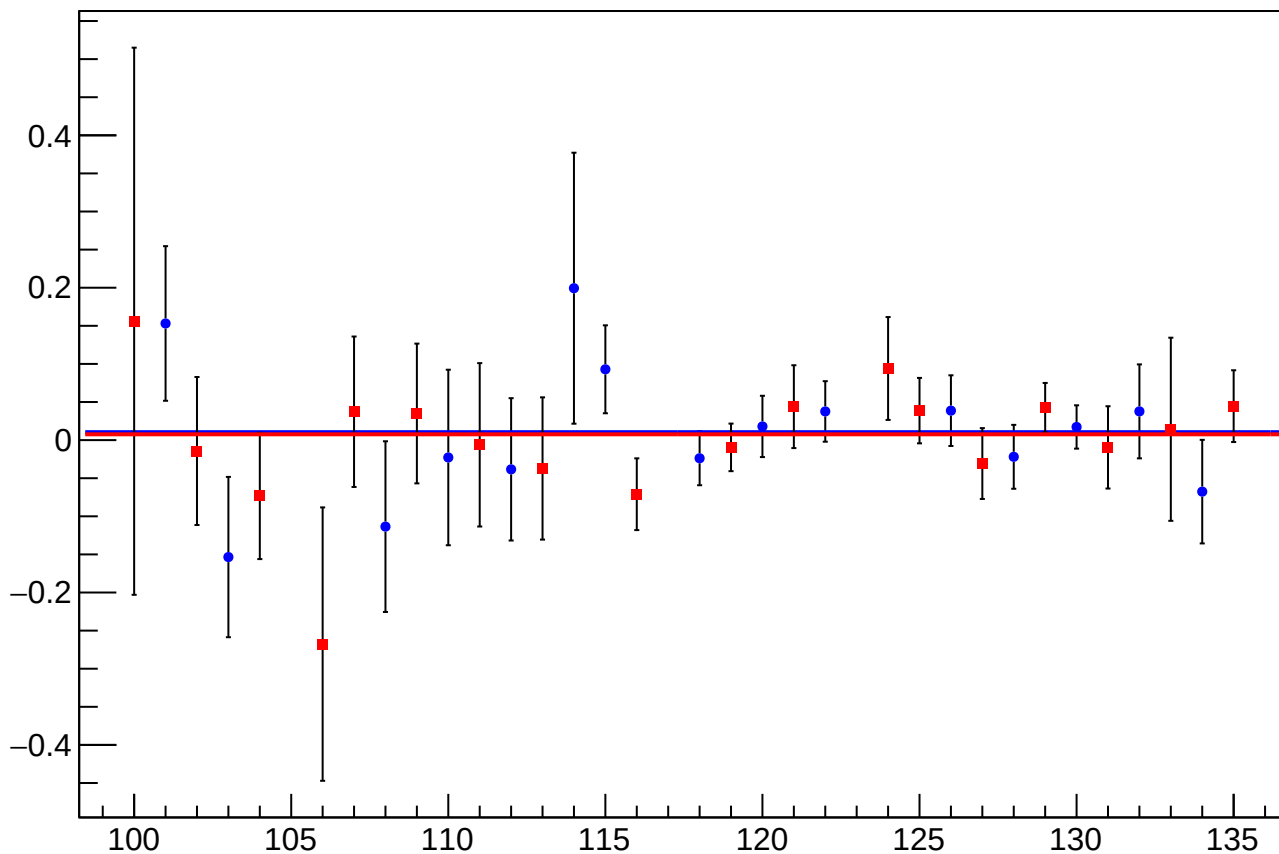
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.322 $\pm$ 0.007 χ^2 /NDF: 5095810.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.010 $\pm$ 0.013 χ^2 /NDF: 13.1/14

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

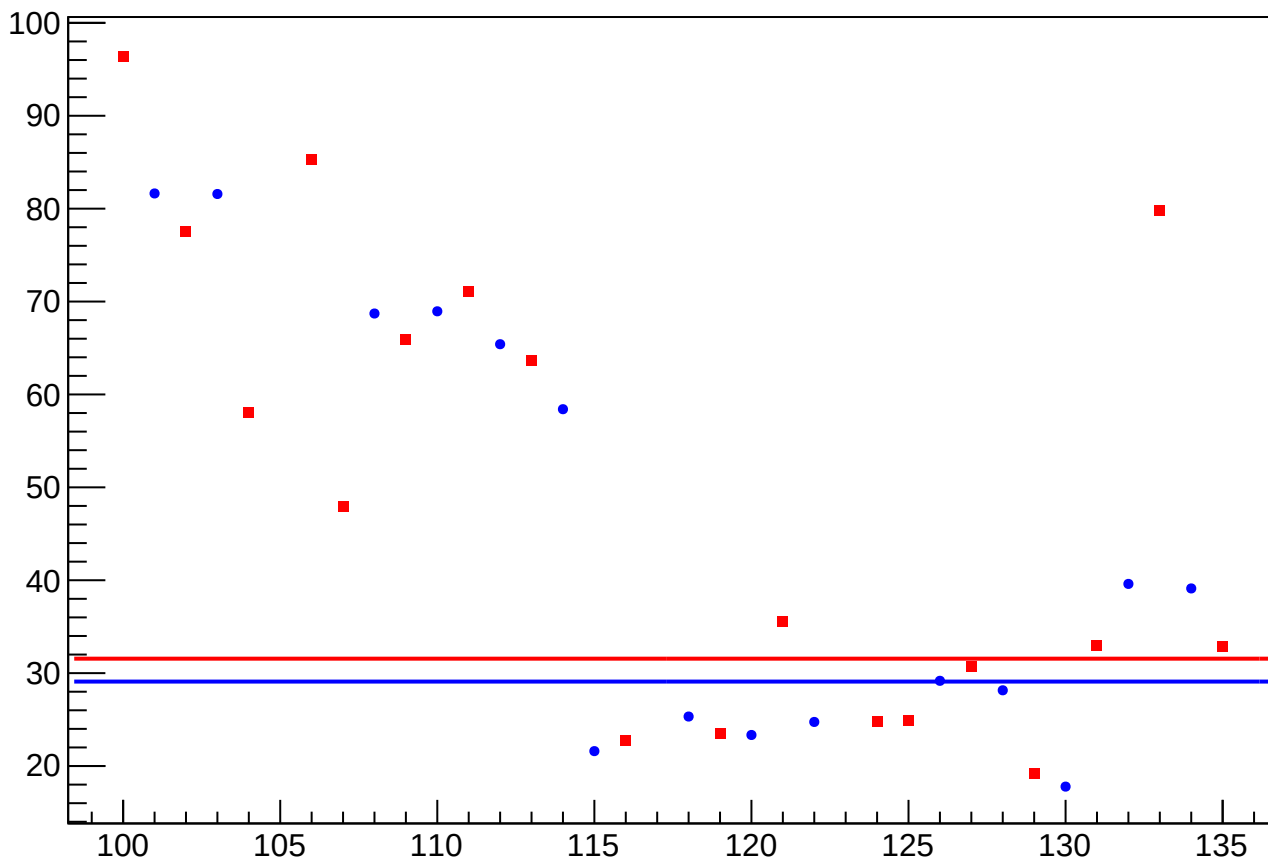
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.009 χ^2 /NDF: 25.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1526_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.092+/-0.009 χ^2/NDF : 2421056.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 31.557+/-0.009 χ^2/NDF : 2640848.3/17

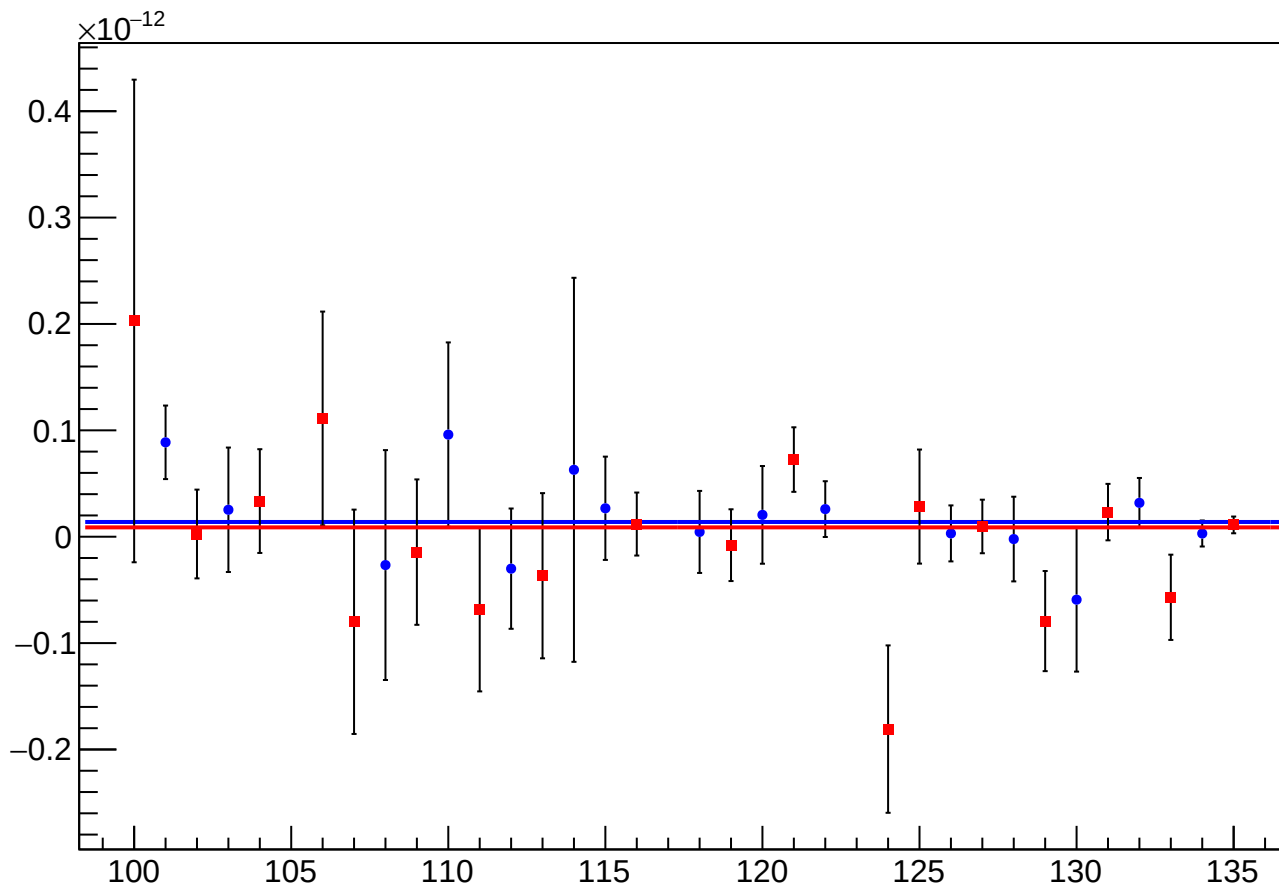
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.322+/-0.007 χ^2/NDF : 5095810.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 21.4/17

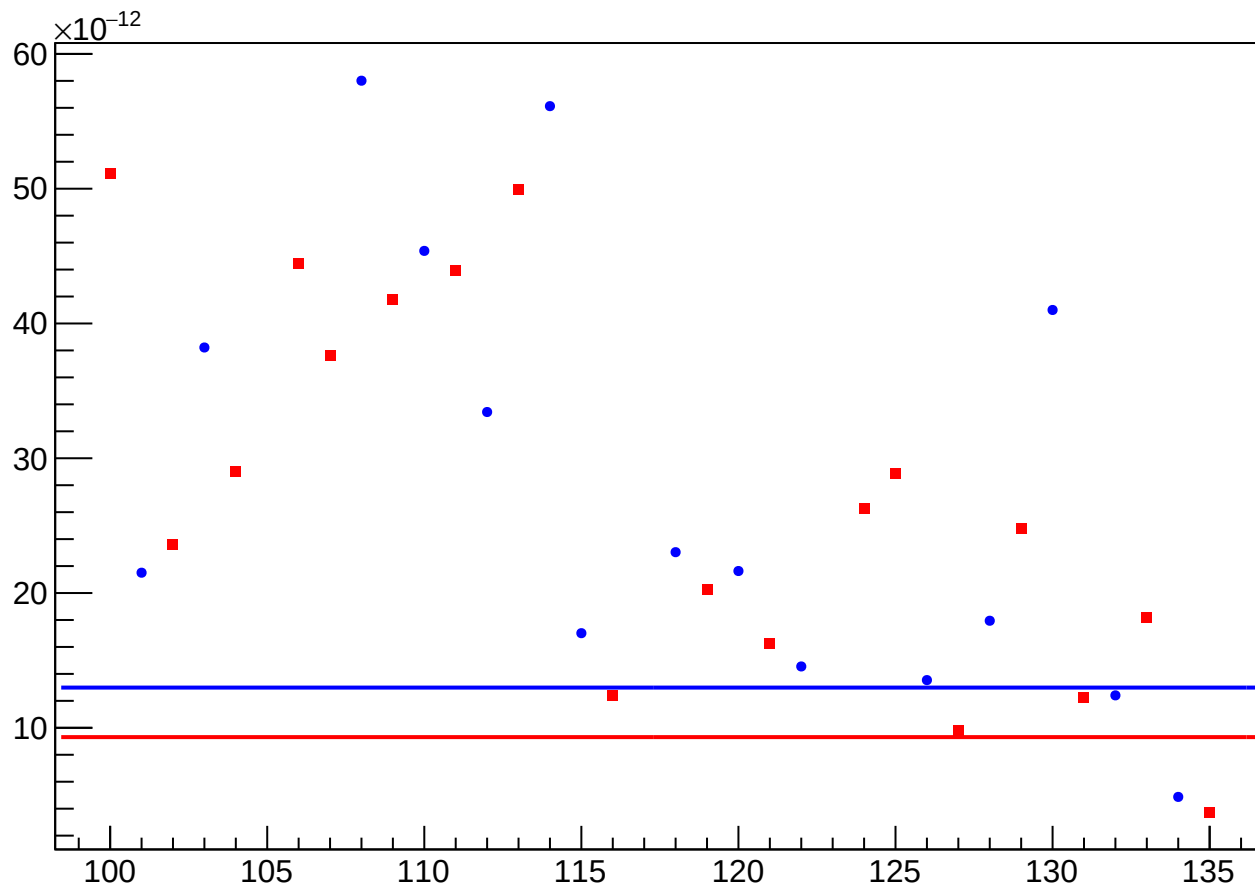
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.000 ± 0.000 χ^2/NDF : 31.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1526_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2980908.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 4477526.6/17

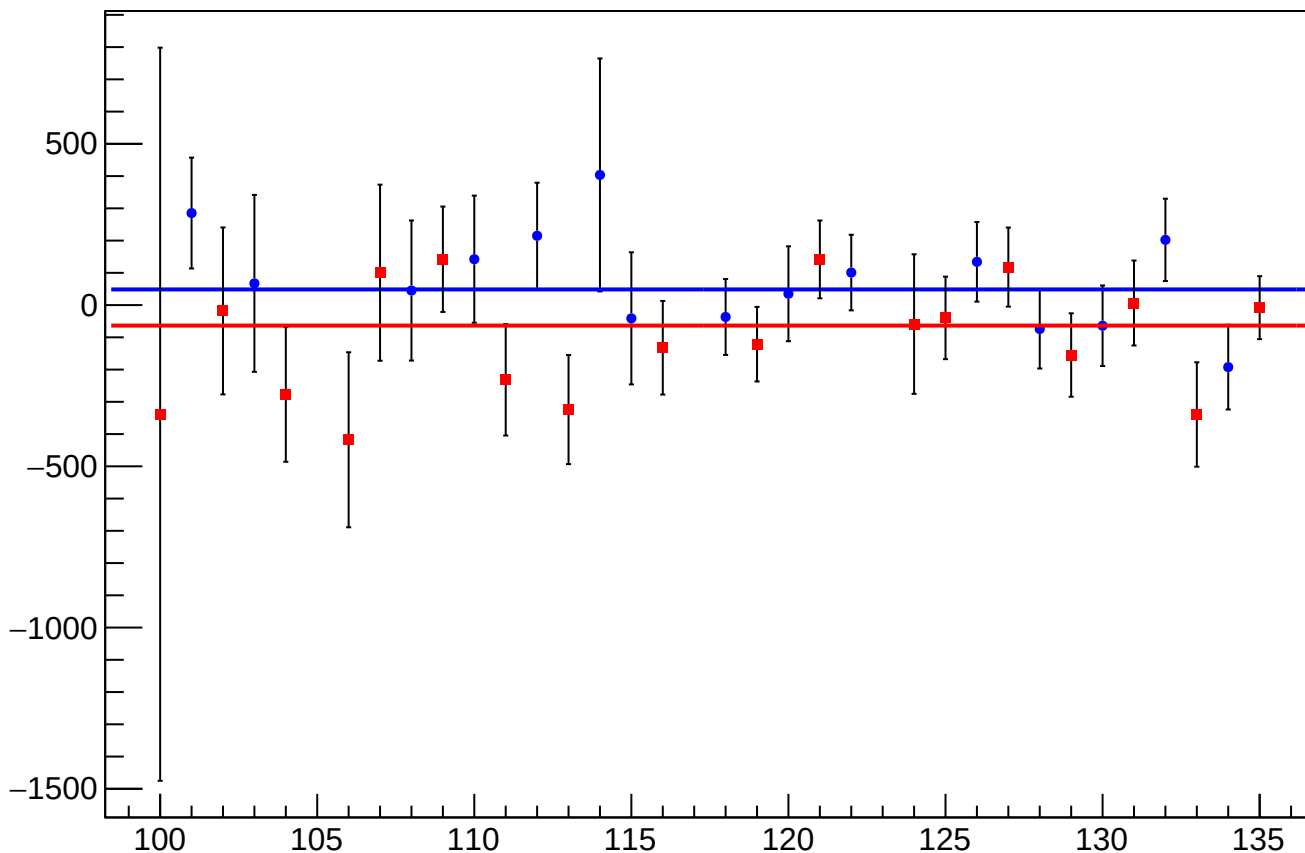
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 7719497.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_mean vs Slug



Right In: 48.572+/-38.649 χ^2/NDF : 12.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.599+/-35.991 χ^2/NDF : 17.7/17

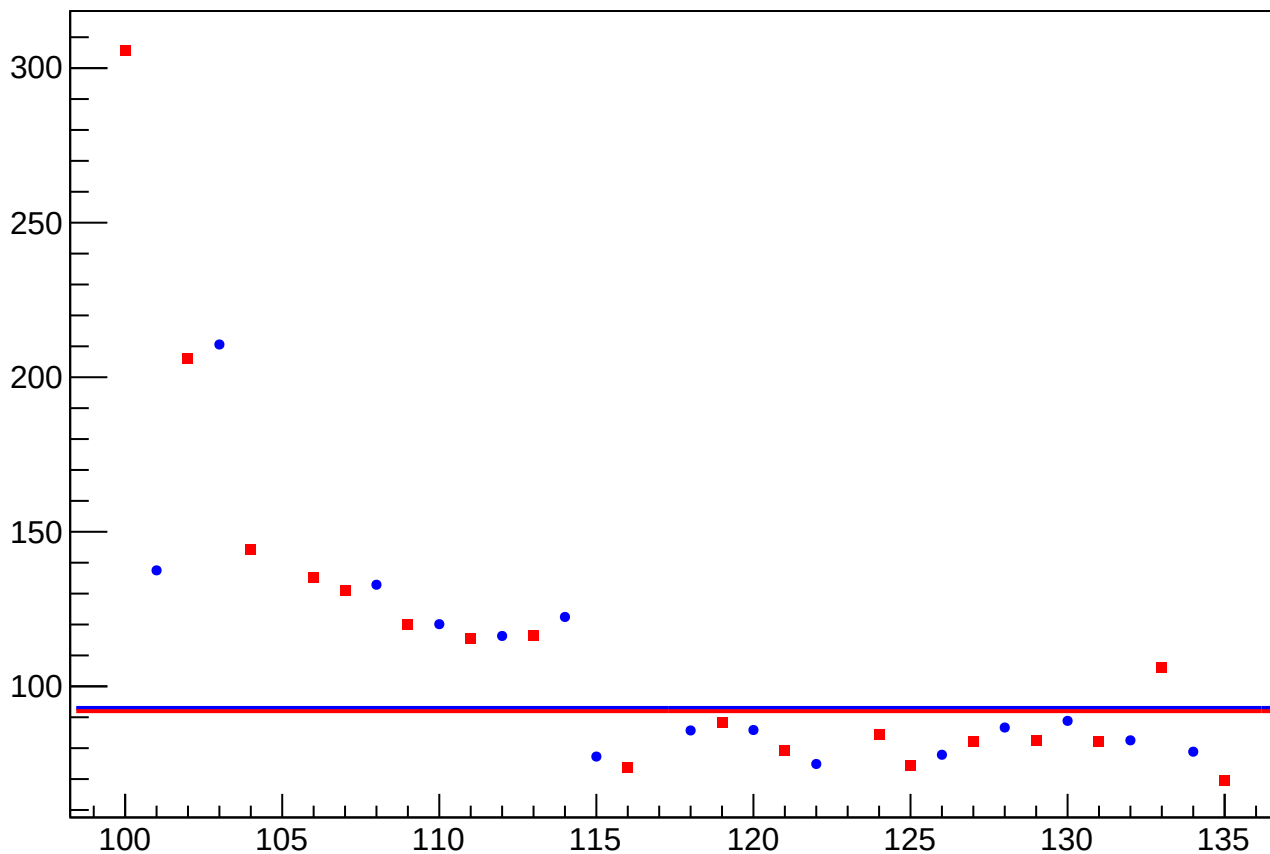
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.503+/-26.339 χ^2/NDF : 34.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_rms vs Slug



Right In: 93.006+/-0.027 χ^2/NDF : 806388.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.974+/-0.025 χ^2/NDF : 1067838.1/17

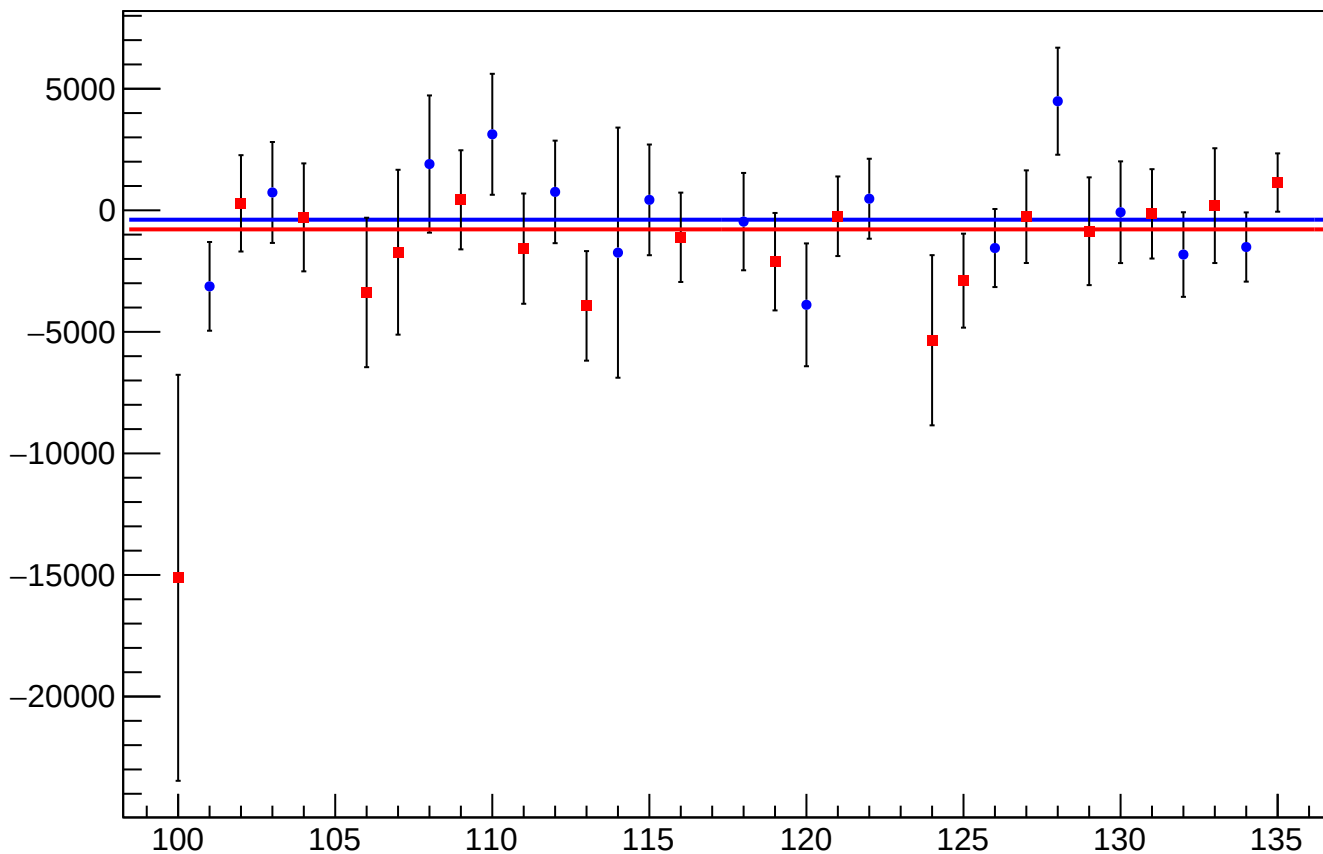
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.453+/-0.019 χ^2/NDF : 1874989.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_correction_mean vs Slug



Right In: -386.003 $\pm$ 520.069 χ^2 /NDF: 14.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -784.574 $\pm$ 487.146 χ^2 /NDF: 12.9/17

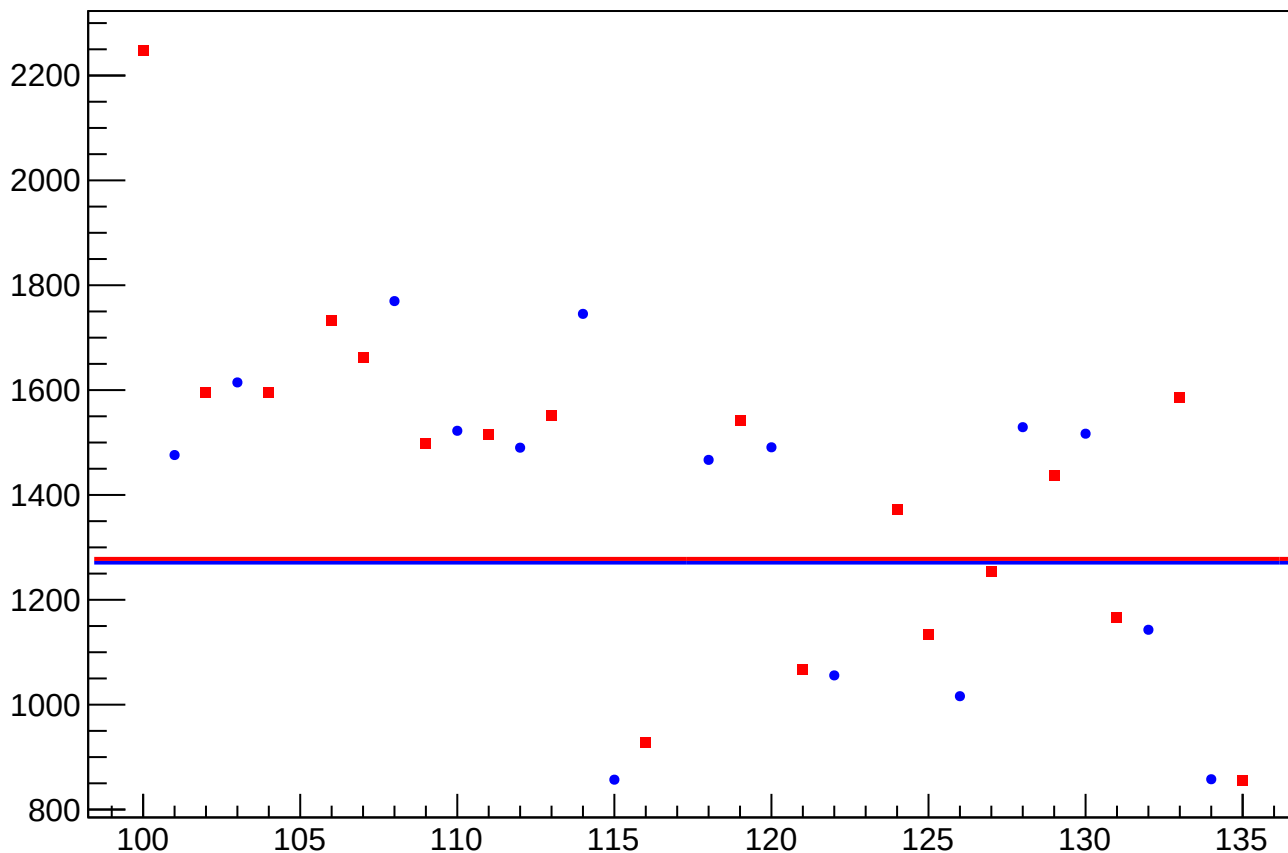
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -598.303 $\pm$ 355.534 χ^2 /NDF: 27.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_correction_rms vs Slug



Right In: 1271.022+/-0.368 χ^2/NDF : 621129.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

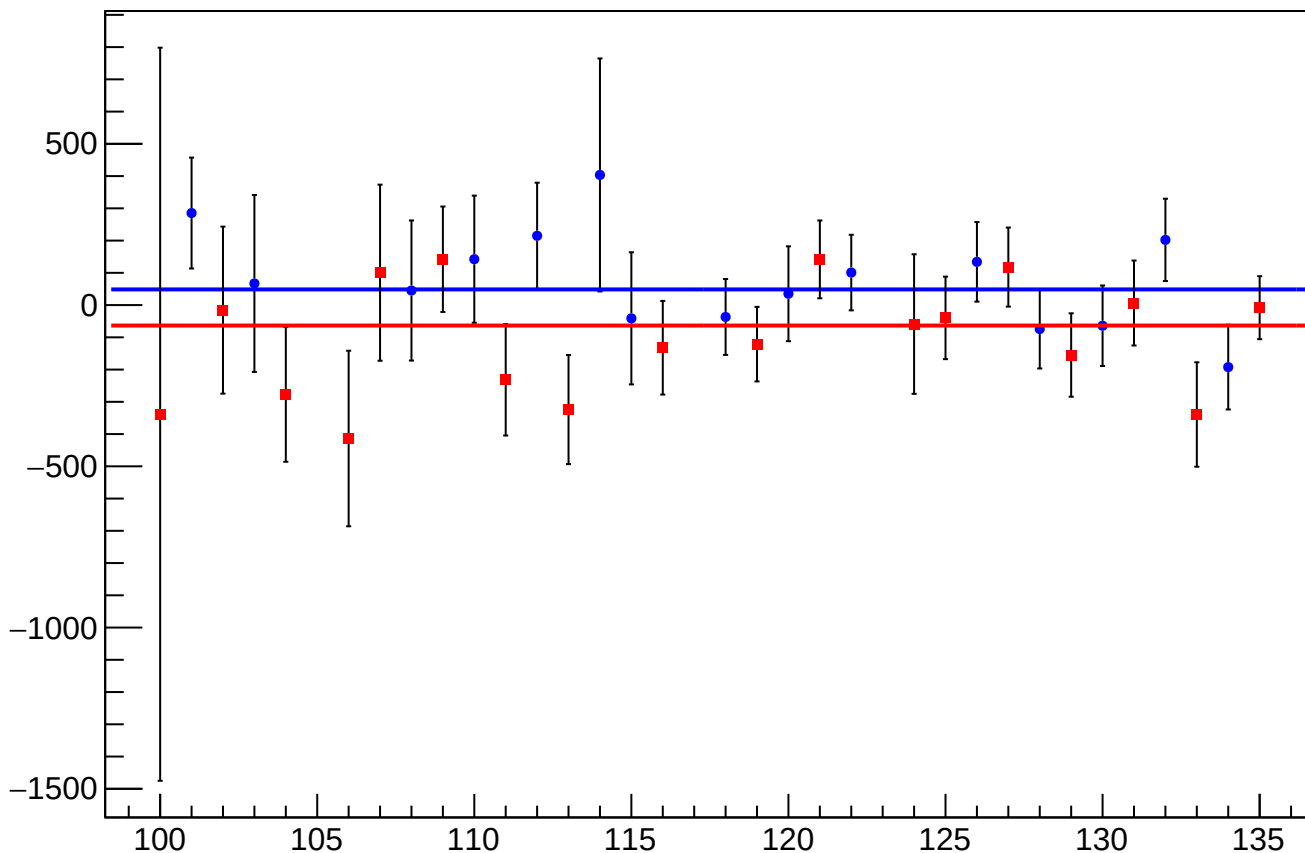
Right Out: 1278.054+/-0.344 χ^2/NDF : 717147.8/17

All: 1274.767+/-0.251 χ^2/NDF : 1338471.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_mean vs Slug



Right In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.444+/-35.993 χ^2/NDF : 17.7/17

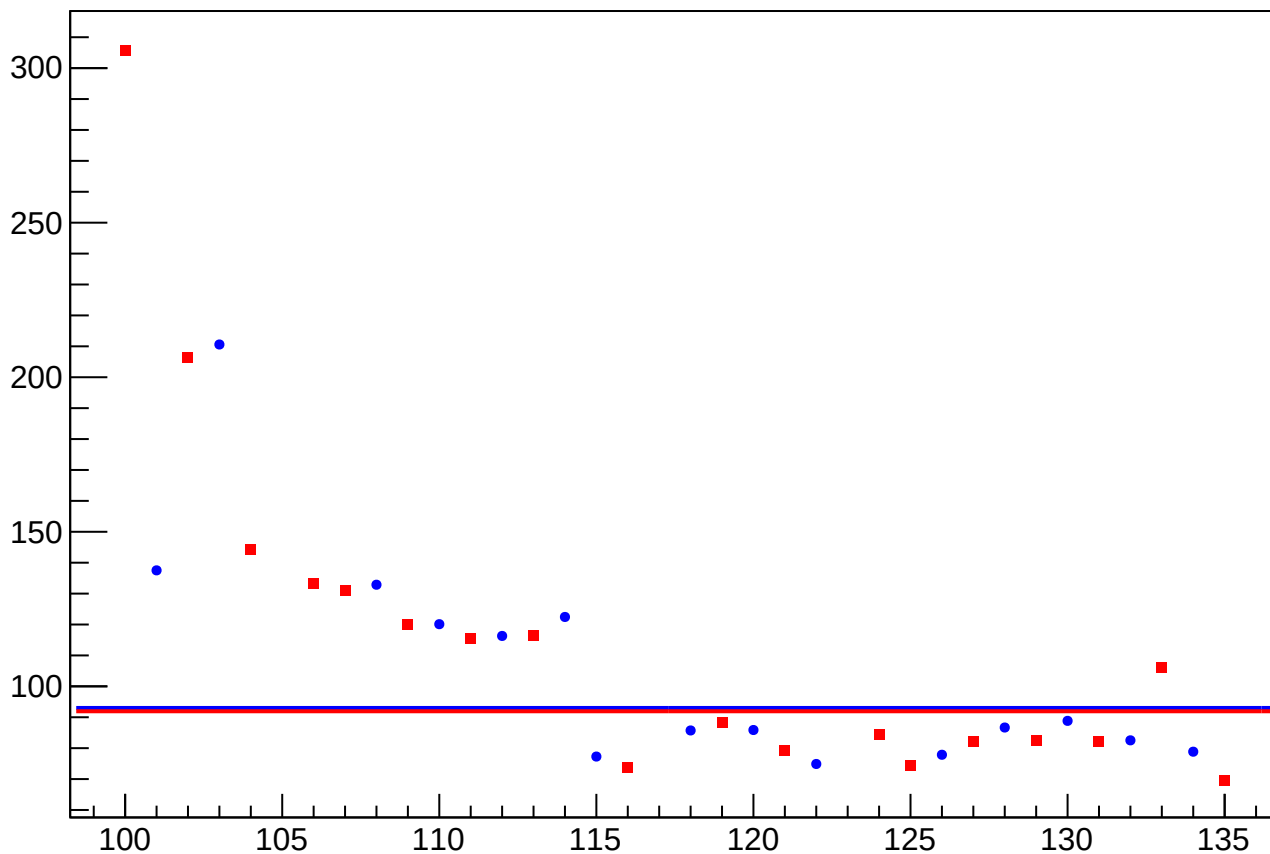
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.421+/-26.340 χ^2/NDF : 34.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_3726_avg_rms vs Slug



Right In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.935+/-0.025 χ^2/NDF : 1063365.9/17

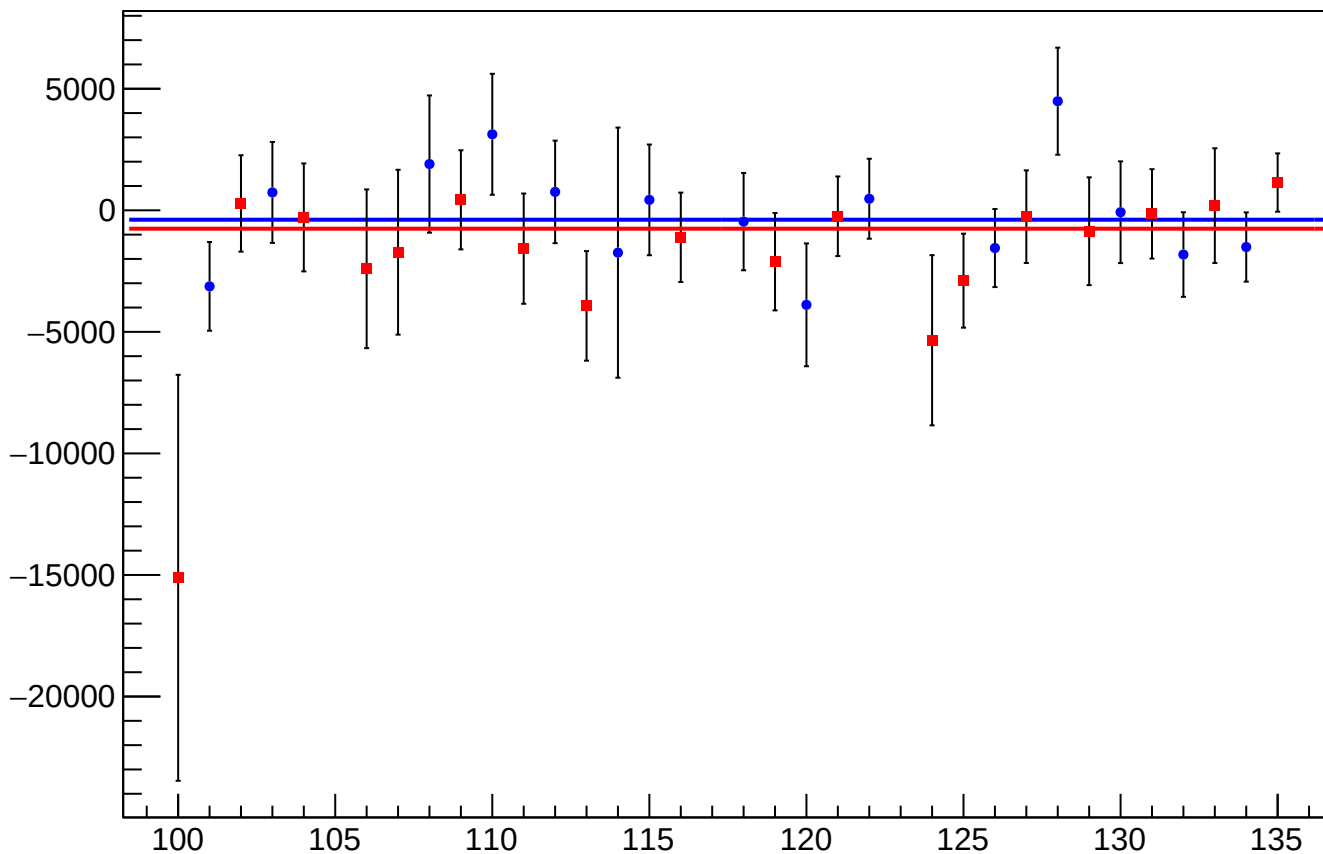
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.432+/-0.019 χ^2/NDF : 1870579.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_mean vs Slug



Right In: -385.950 ± 520.071 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -755.851 ± 487.866 χ^2/NDF : 12.4/17

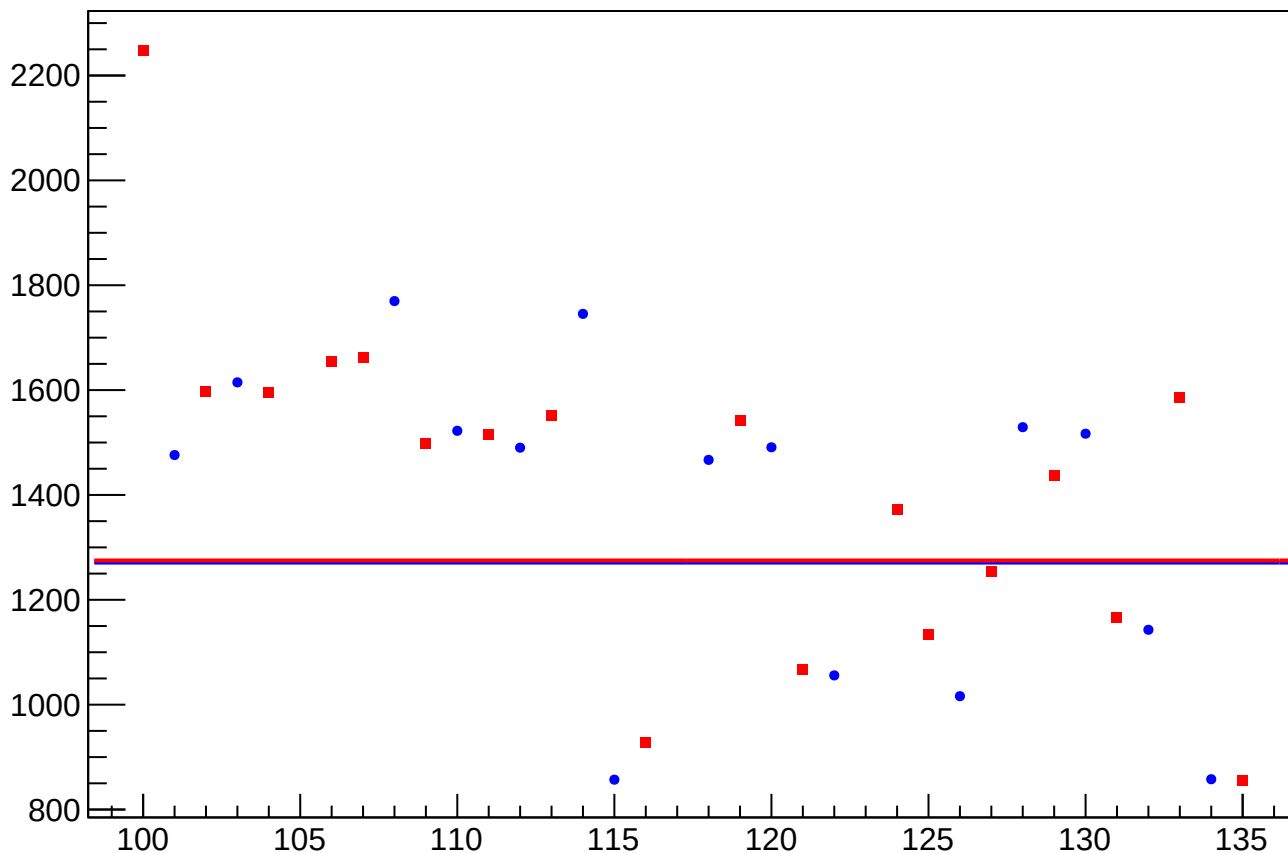
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -582.708 ± 355.814 χ^2/NDF : 27.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_cor_correction_rms vs Slug



Right In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.048+/-0.345 χ^2/NDF : 700192.2/17

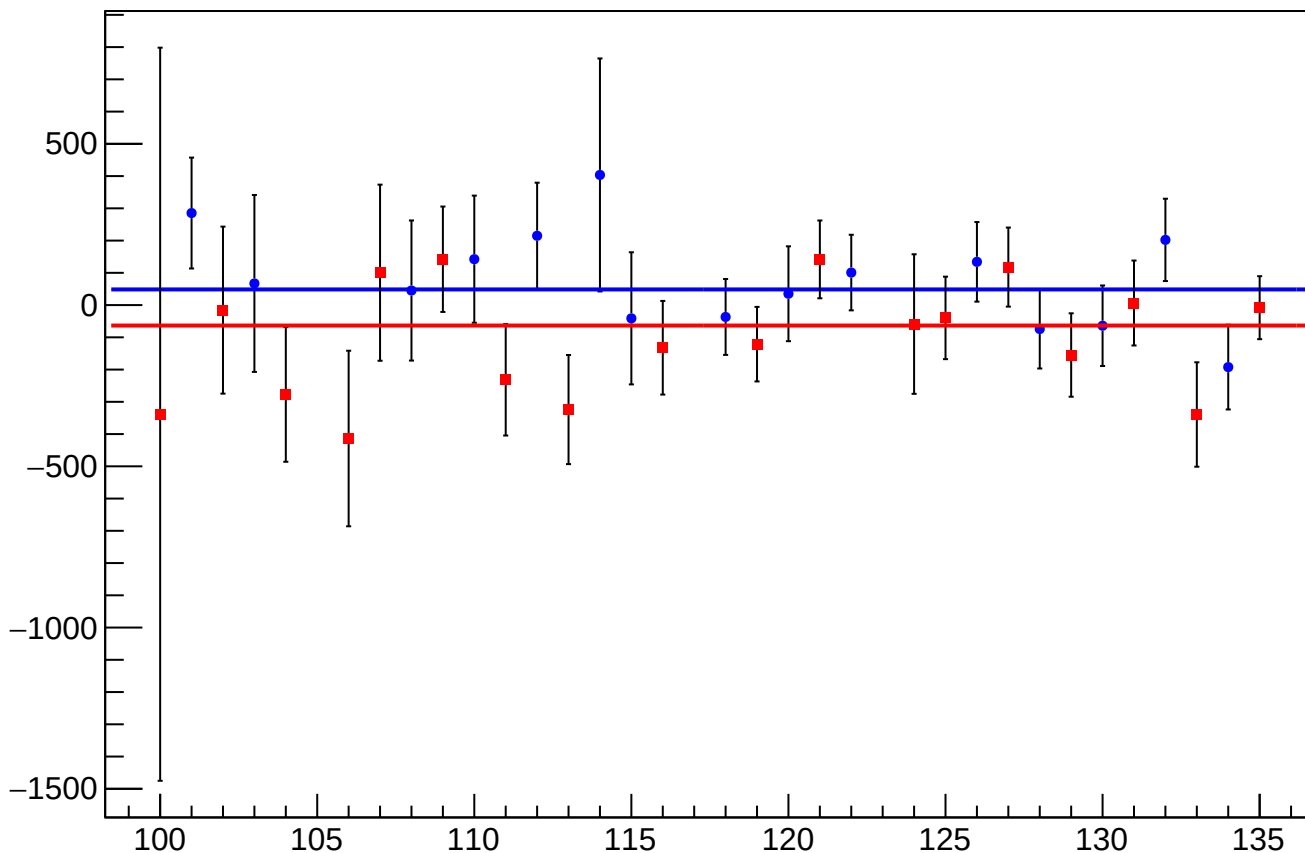
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.165+/-0.252 χ^2/NDF : 1321414.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_mean vs Slug



Right In: 48.563+/-38.649 χ^2/NDF : 12.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -63.444+/-35.993 χ^2/NDF : 17.7/17

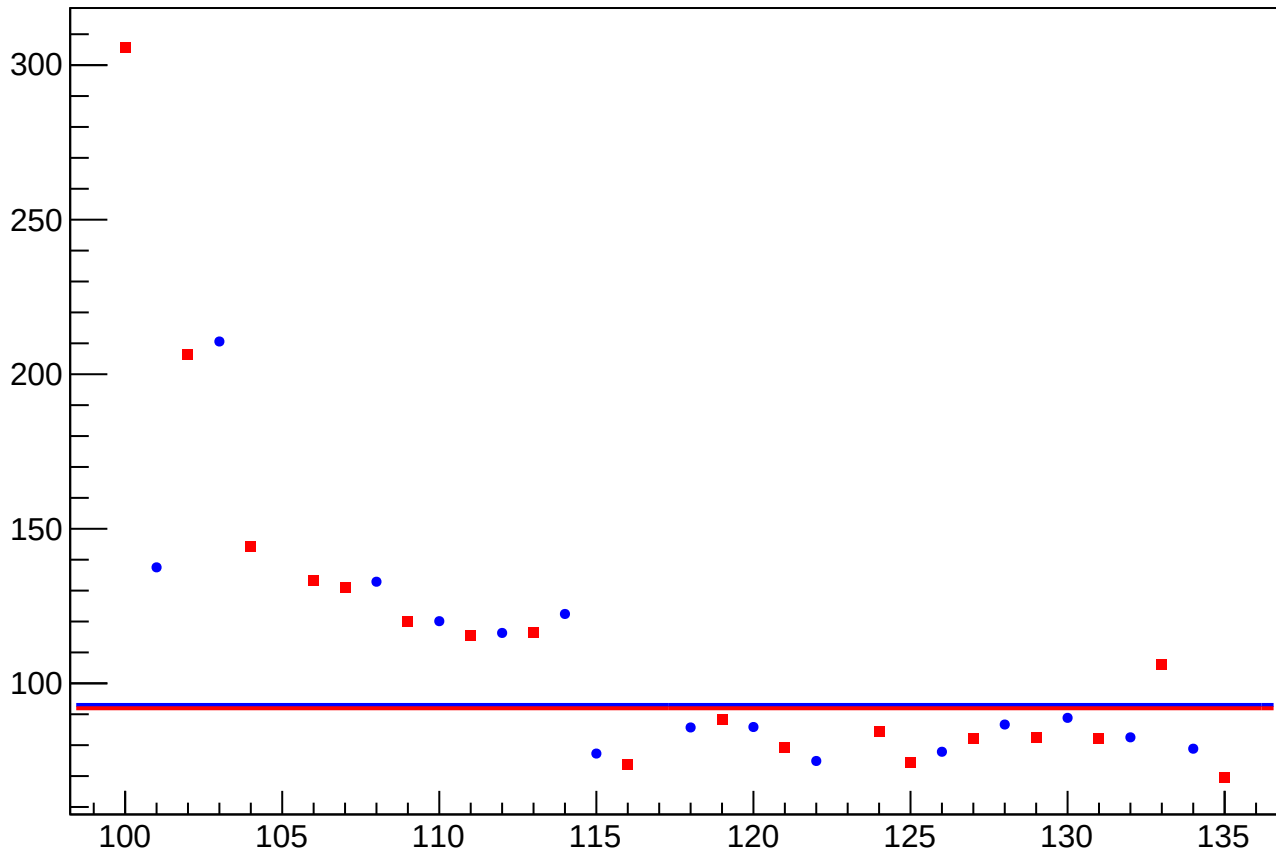
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.421+/-26.340 χ^2/NDF : 34.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_3726_avg_rms vs Slug



Right In: 93.006+/-0.027 χ^2/NDF : 806391.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.935+/-0.025 χ^2/NDF : 1063365.9/17

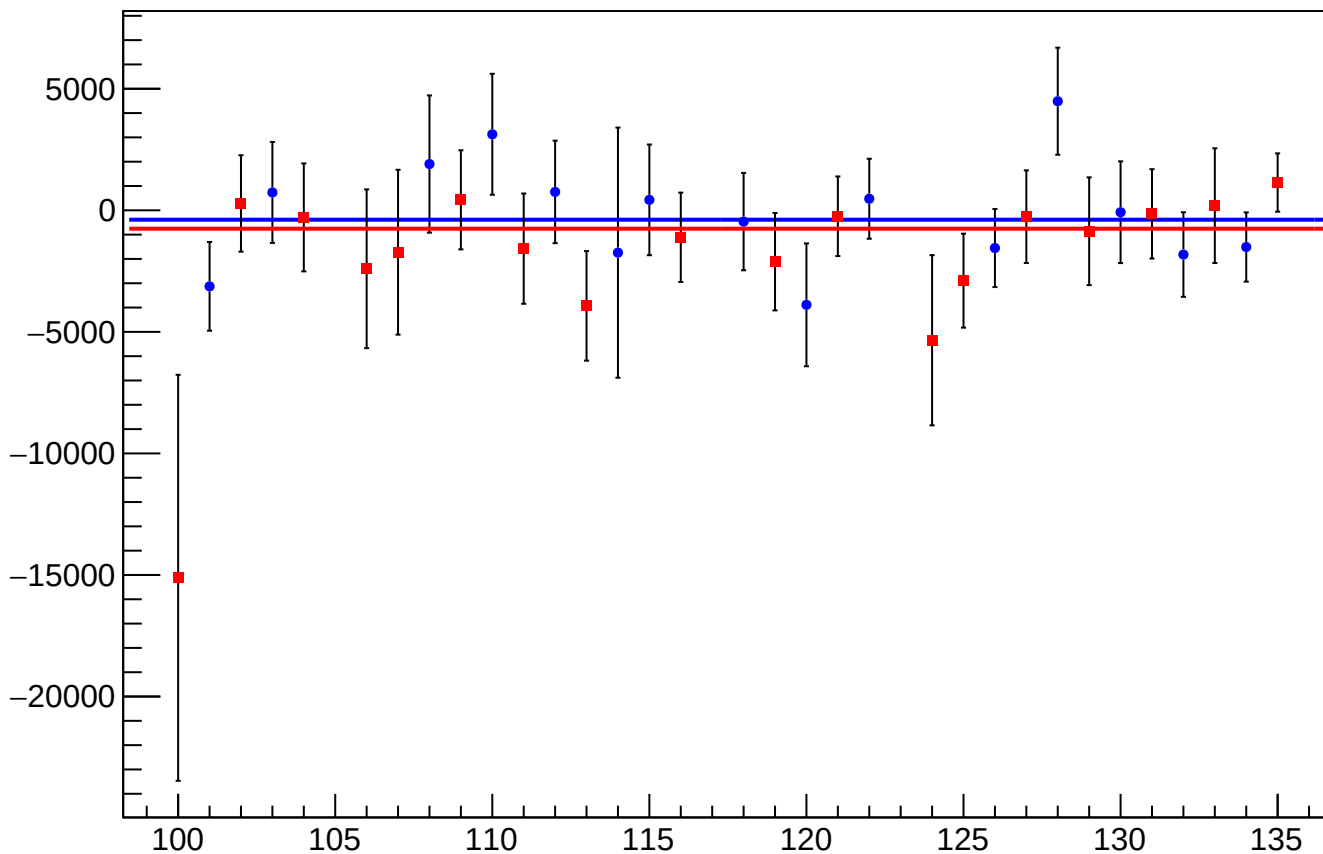
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 92.432+/-0.019 χ^2/NDF : 1870579.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_mean vs Slug



Right In: -385.950 ± 520.071 χ^2/NDF : 14.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -755.851 ± 487.866 χ^2/NDF : 12.4/17

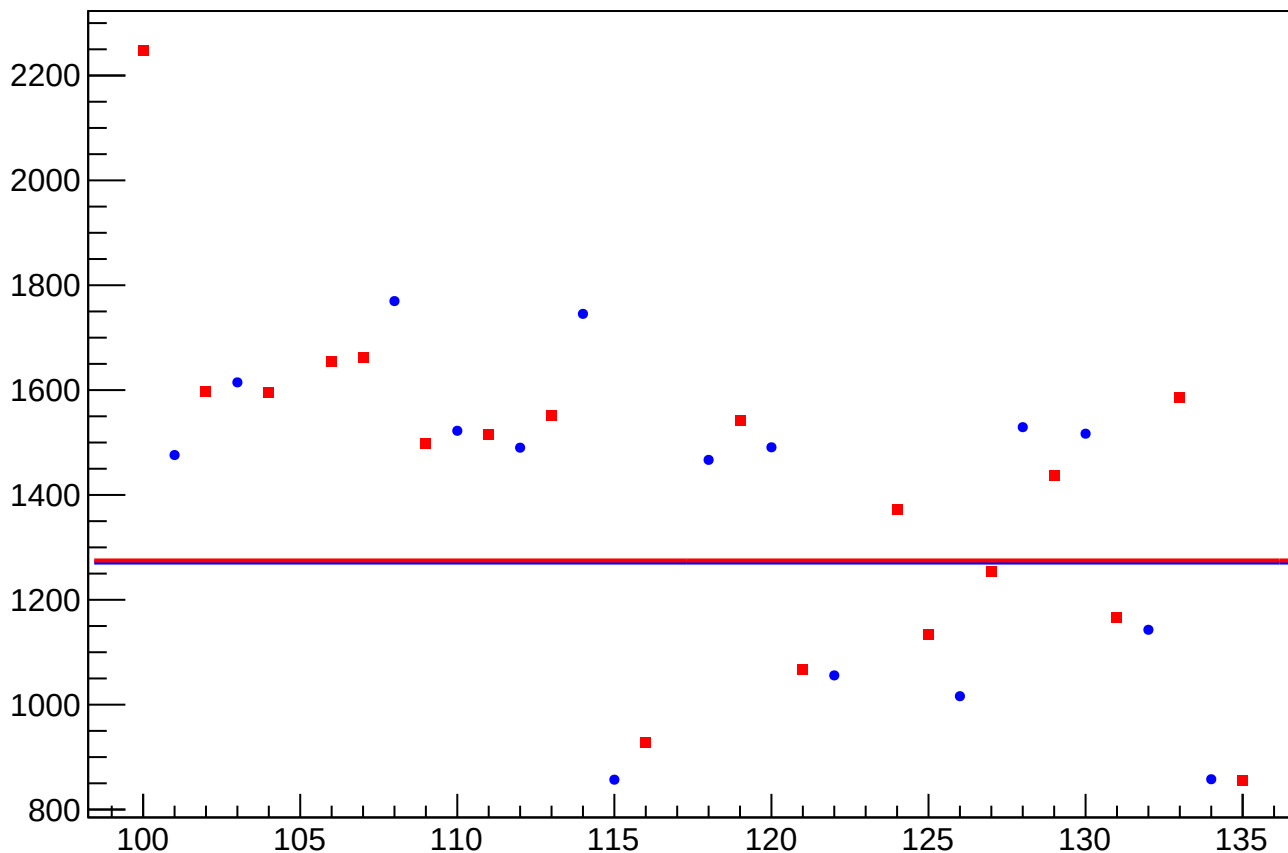
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -582.708 ± 355.814 χ^2/NDF : 27.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_cor_correction_rms vs Slug



Right In: 1271.025+/-0.368 χ^2/NDF : 621158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1275.048+/-0.345 χ^2/NDF : 700192.2/17

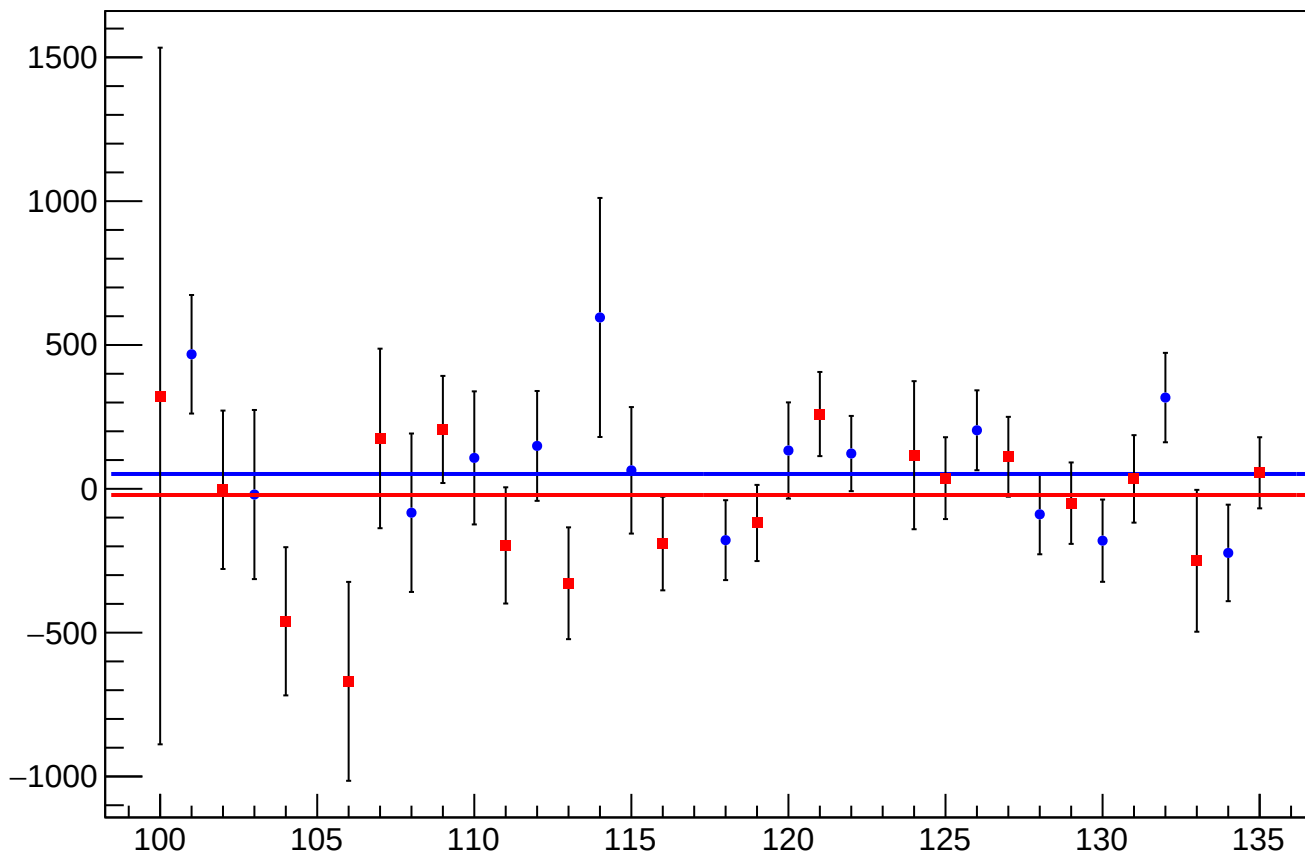
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1273.165+/-0.252 χ^2/NDF : 1321414.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_3726_avg_mean vs Slug



Right In: 51.595 $\pm$ 44.883 χ^2 /NDF: 20.1/14

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

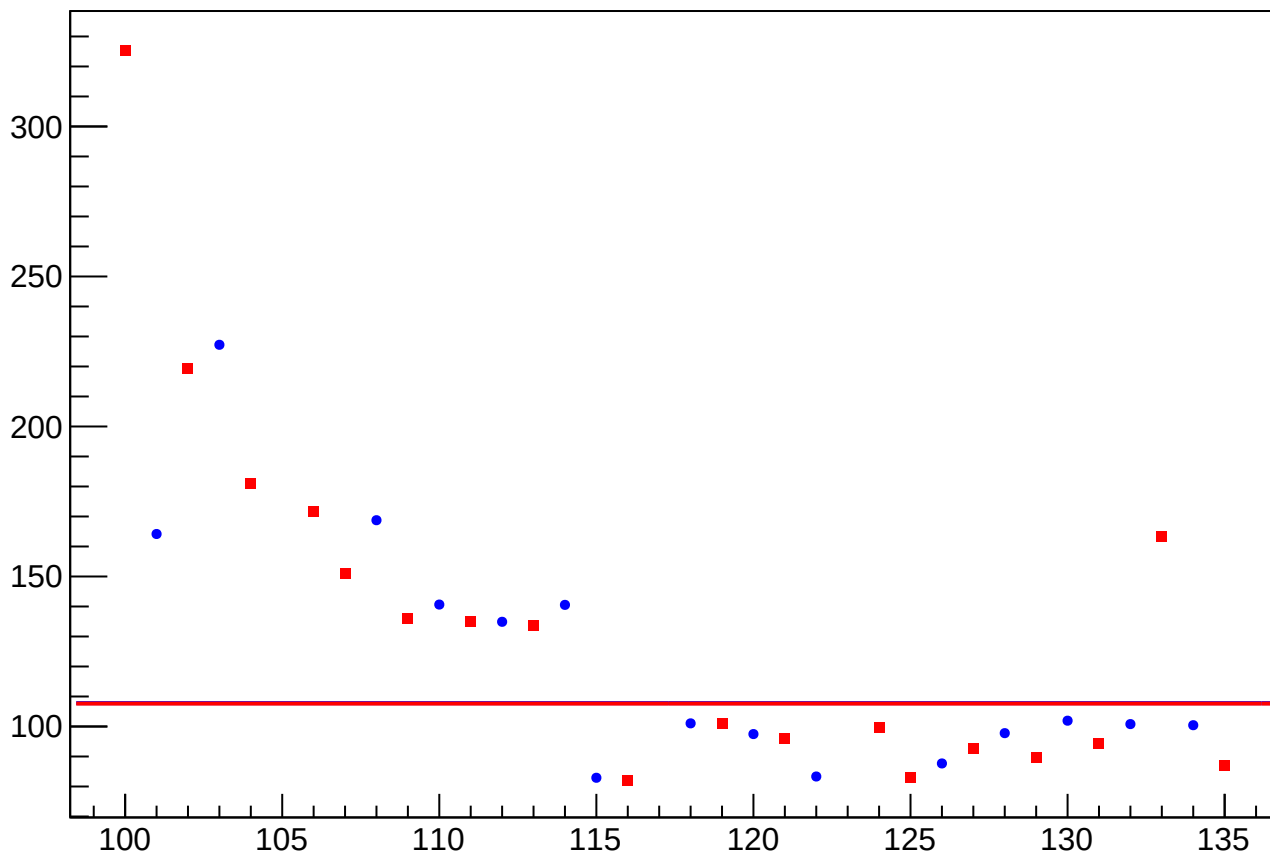
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.853 $\pm$ 30.761 χ^2 /NDF: 41.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_3726_avg_rms vs Slug



Right In: 107.791+/-0.032 χ^2/NDF : 842363.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.637+/-0.030 χ^2/NDF : 1139052.7/17

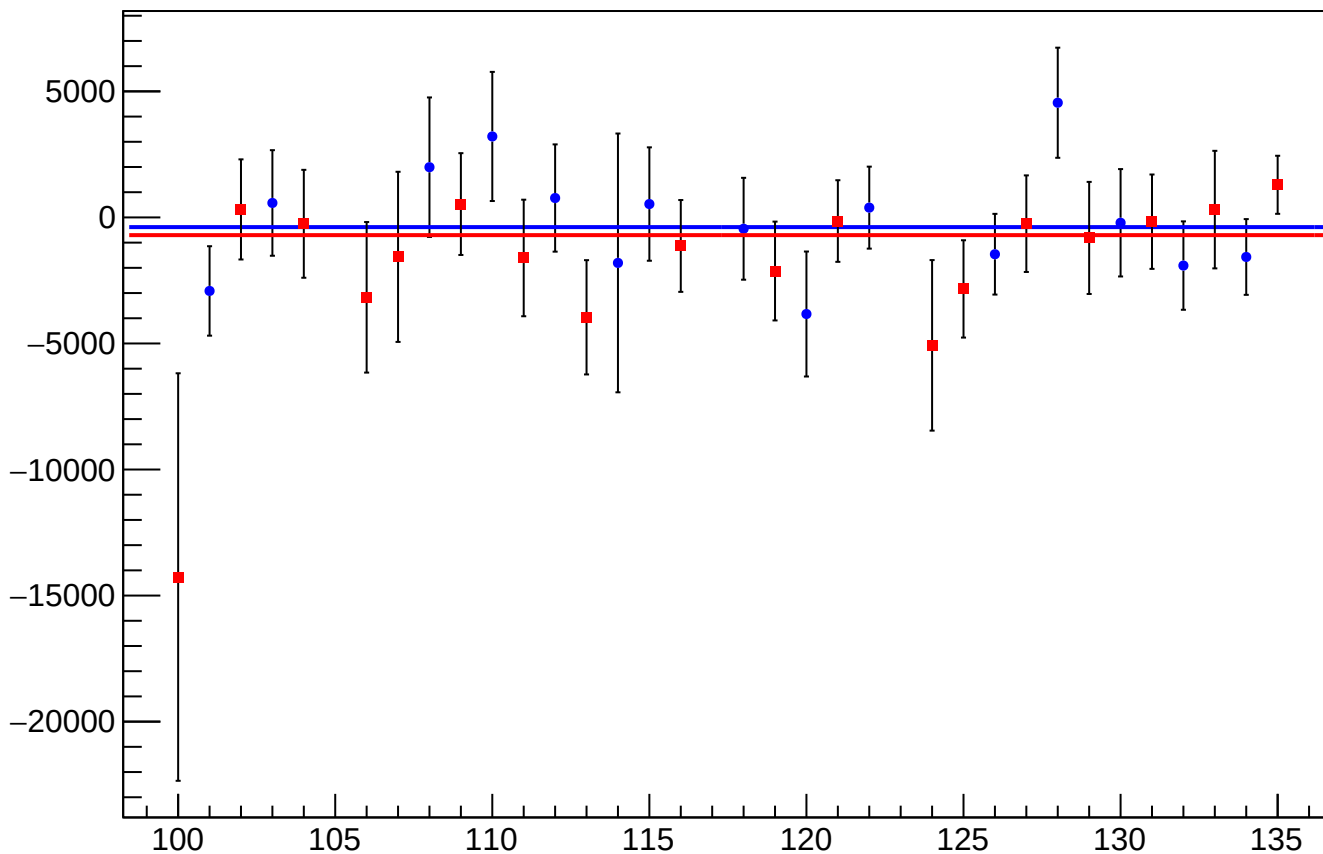
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.709+/-0.022 χ^2/NDF : 1981428.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_dit_correction_mean vs Slug



Right In: -384.251 $\pm$ 522.694 χ^2 /NDF: 14.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -702.710 $\pm$ 481.569 χ^2 /NDF: 13.4/17

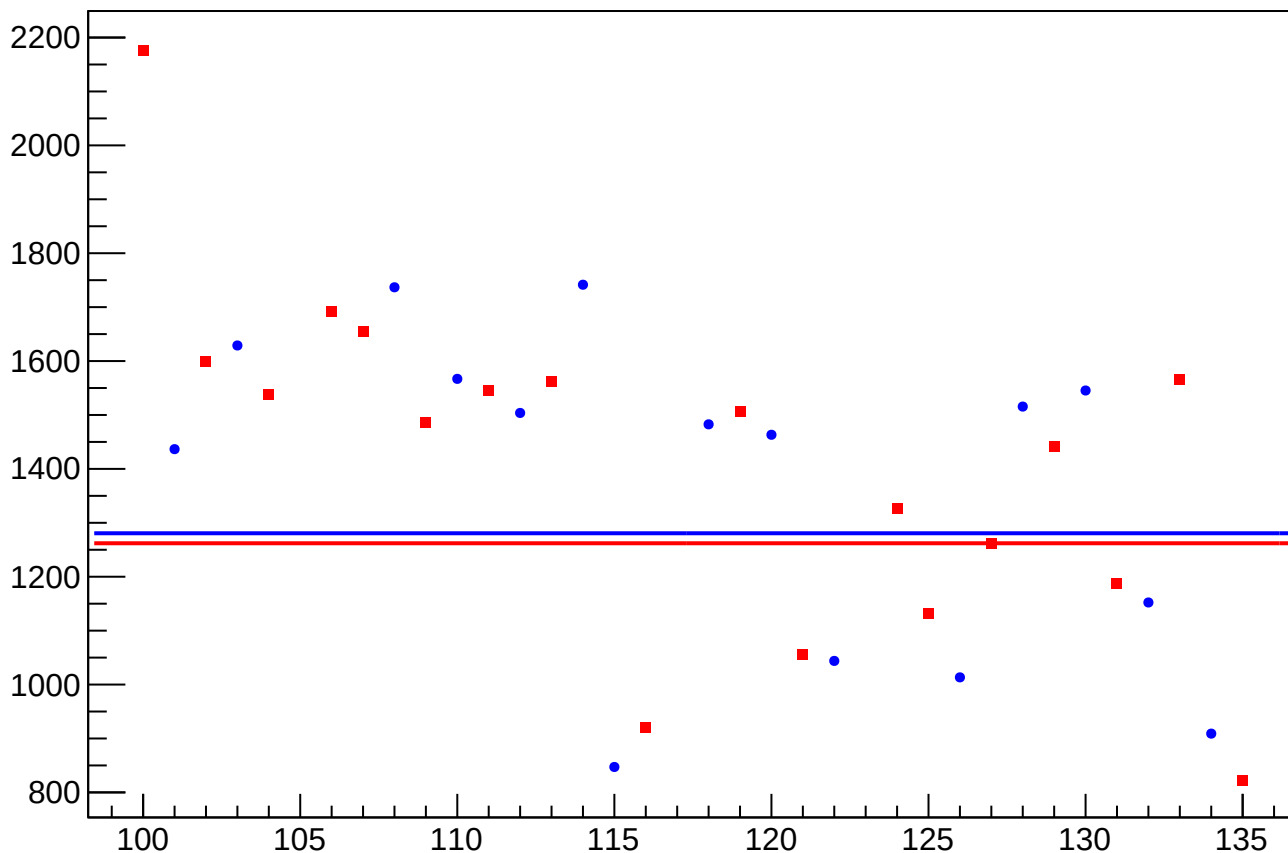
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -556.500 $\pm$ 354.168 χ^2 /NDF: 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_correction_rms vs Slug



Right In: 1280.610+/-0.370 χ^2/NDF : 578736.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1262.072+/-0.341 χ^2/NDF : 760775.4/17

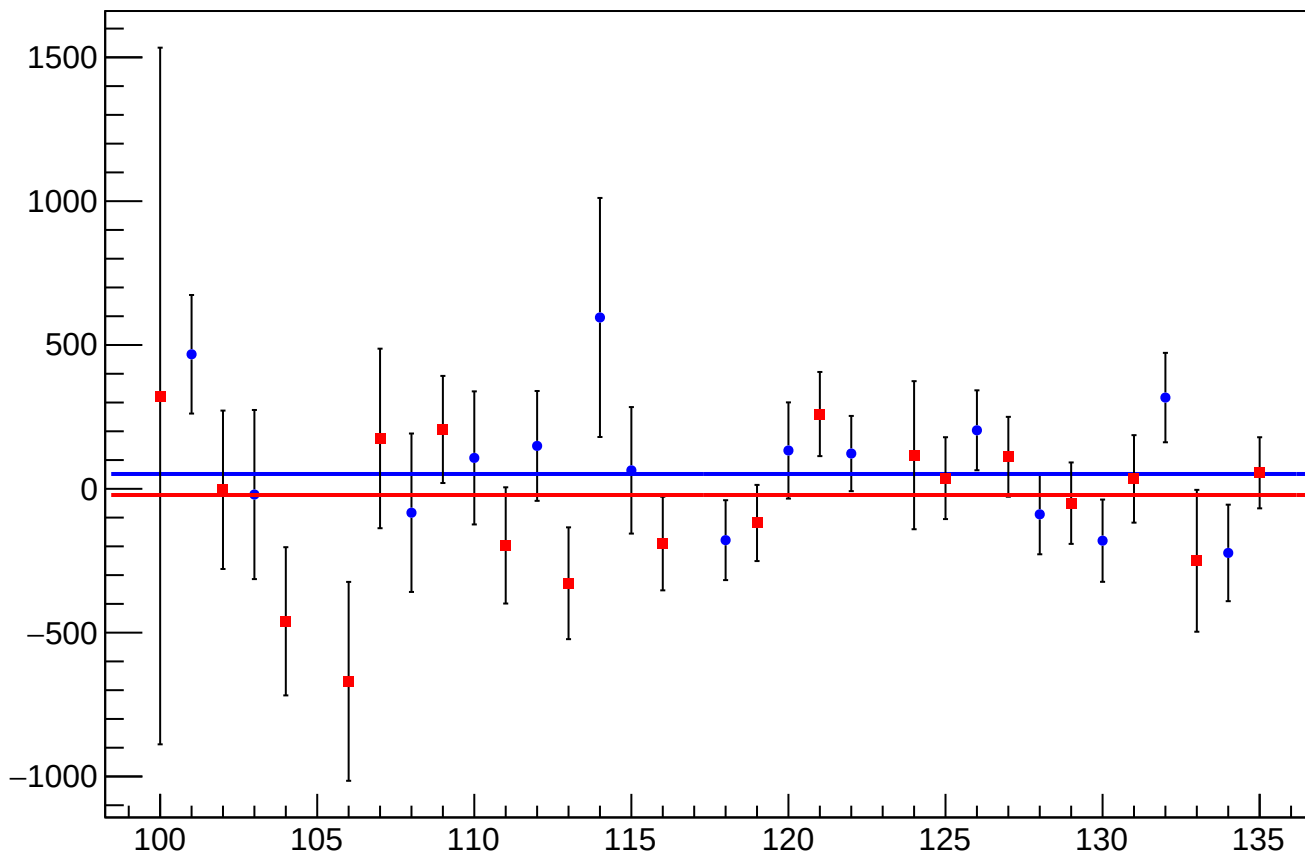
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1270.583+/-0.250 χ^2/NDF : 1340872.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_mean vs Slug



Right In: 51.593+/-44.883 χ^2/NDF : 20.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -21.460+/-42.243 χ^2/NDF : 19.8/17

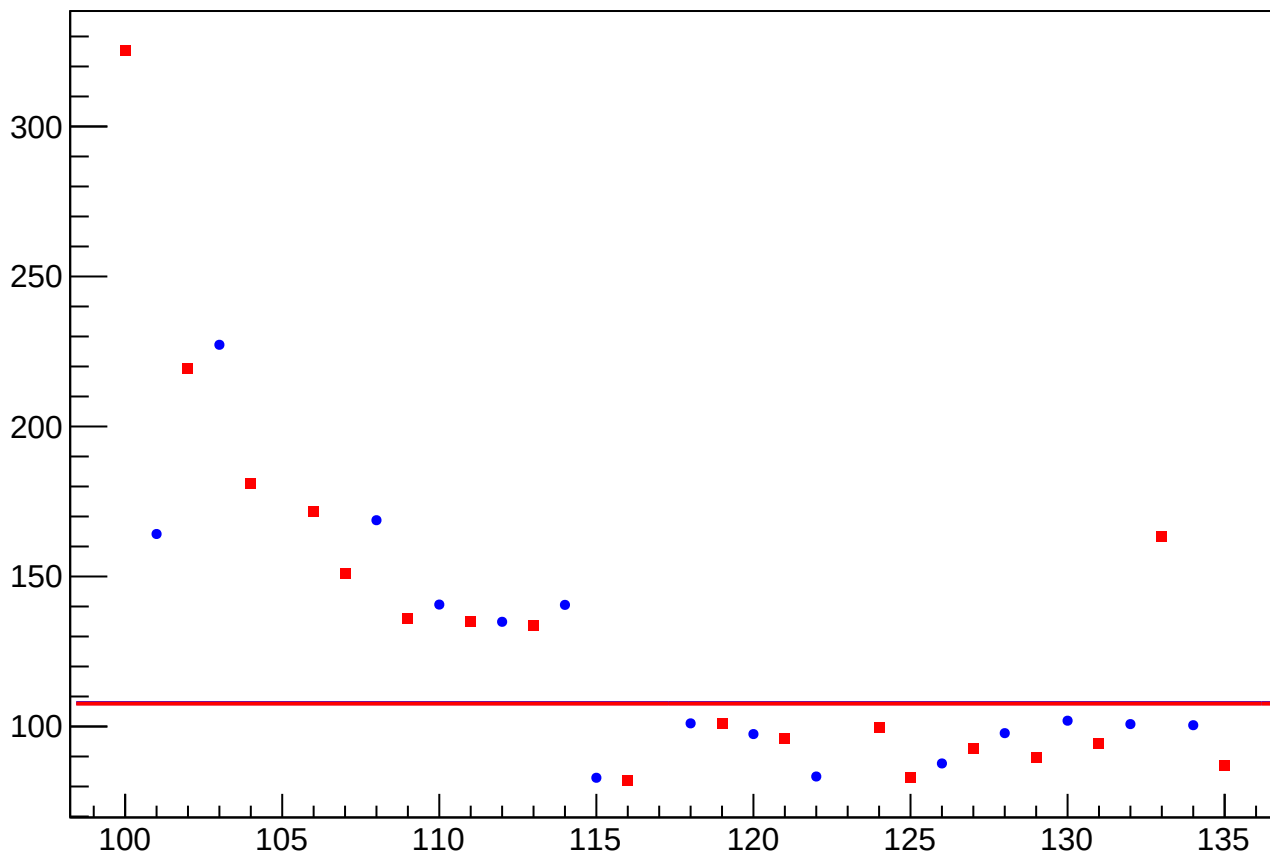
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.855+/-30.761 χ^2/NDF : 41.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_3726_avg_rms vs Slug



Right In: 107.791+/-0.032 χ^2/NDF : 842359.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 107.637+/-0.030 χ^2/NDF : 1139054.3/17

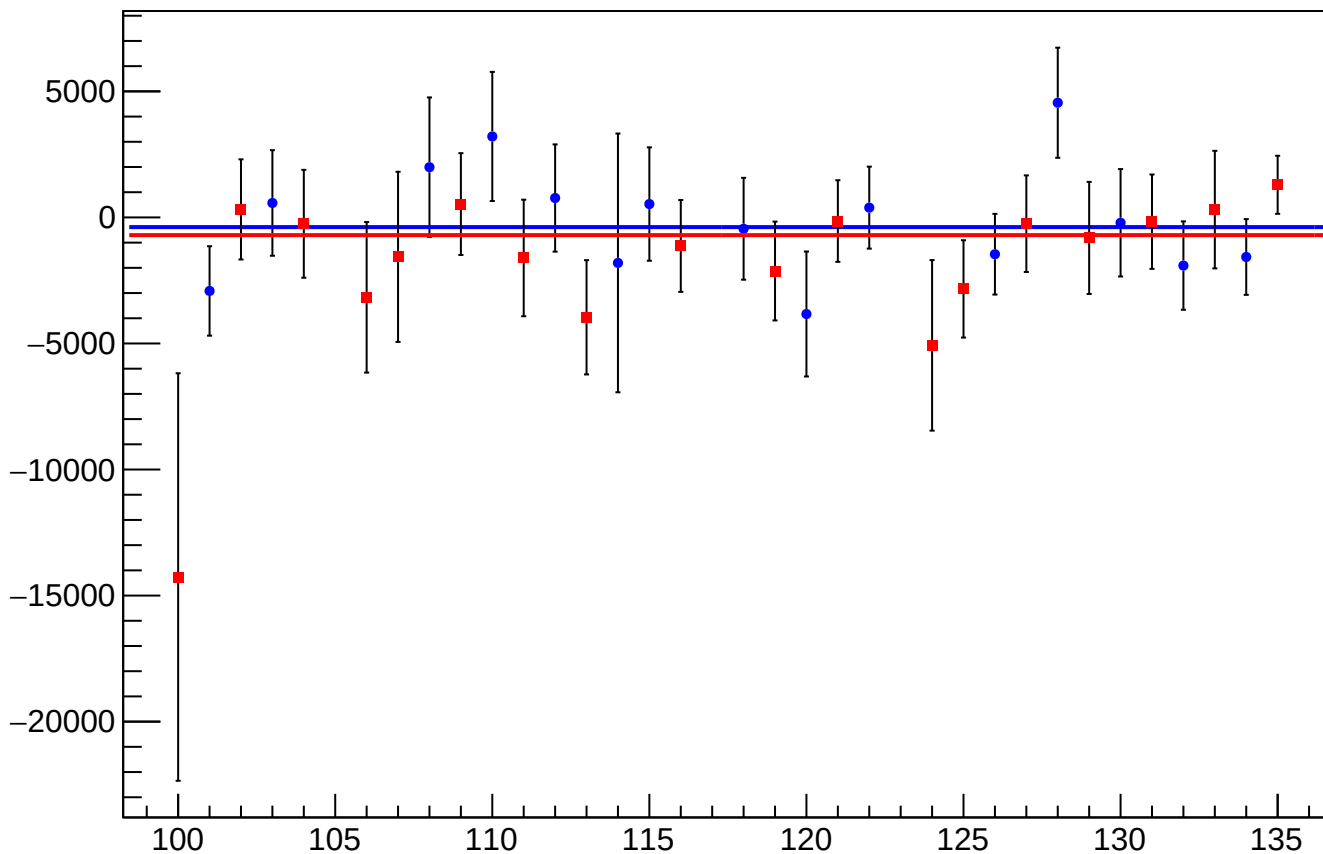
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 107.709+/-0.022 χ^2/NDF : 1981426.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_mean vs Slug



Right In: -384.249+/-522.693 χ^2/NDF : 14.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -702.710+/-481.568 χ^2/NDF : 13.4/17

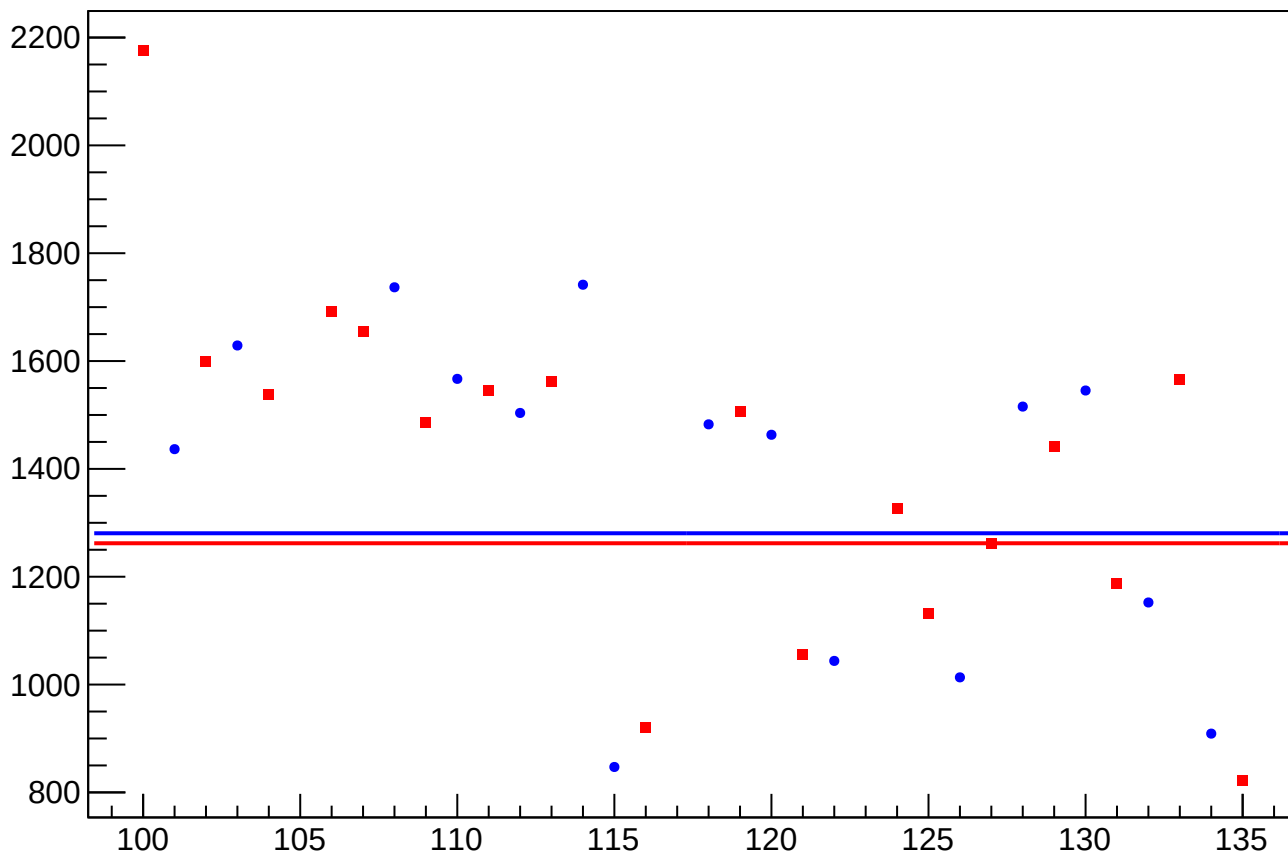
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -556.499+/-354.167 χ^2/NDF : 28.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_correction_rms vs Slug



Right In: 1280.607 $\pm$ 0.370 χ^2 /NDF: 578729.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1262.070 $\pm$ 0.341 χ^2 /NDF: 760766.7/17

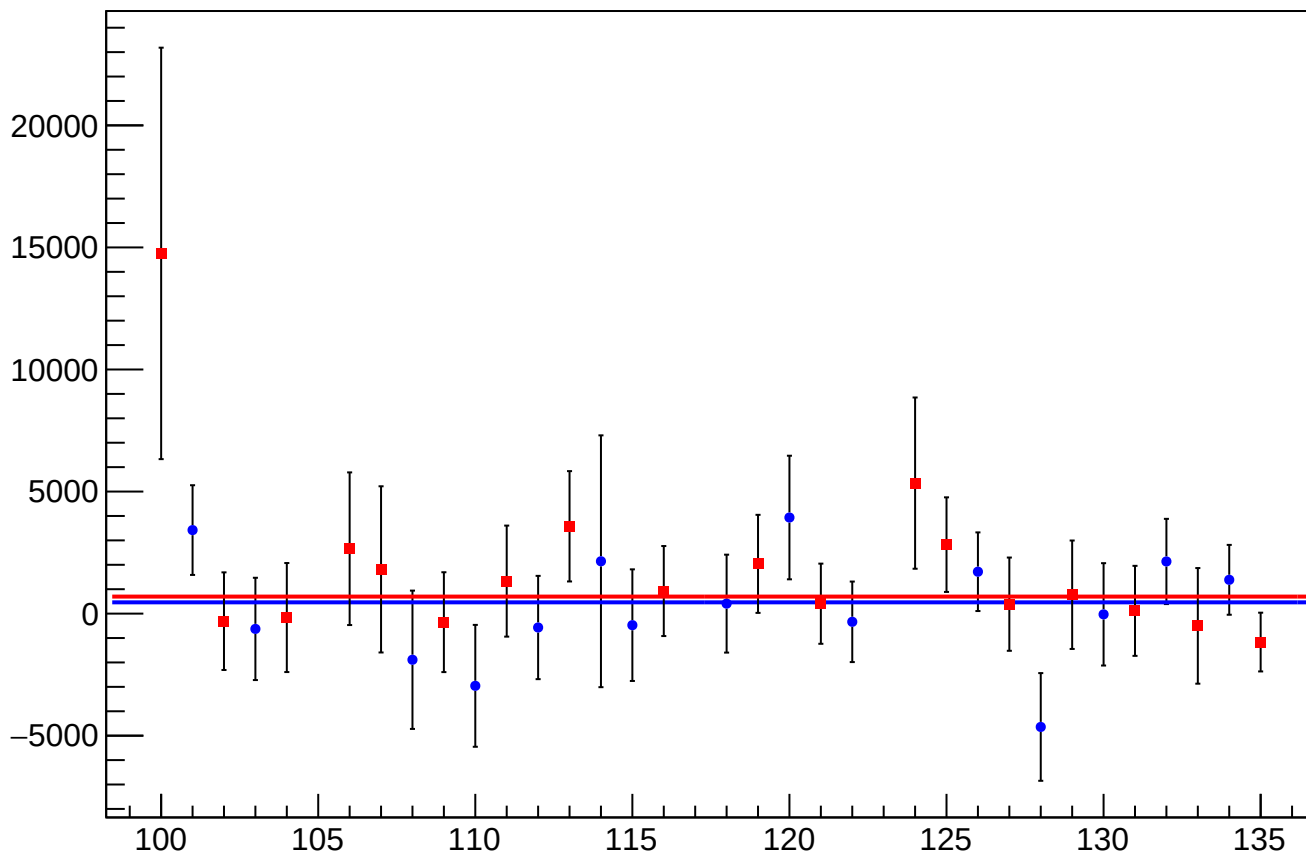
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1270.581 $\pm$ 0.250 χ^2 /NDF: 1340856.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_mean vs Slug



Right In: 461.836 $\pm$ 522.057 χ^2 /NDF: 15.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 697.789 $\pm$ 488.979 χ^2 /NDF: 11.9/17

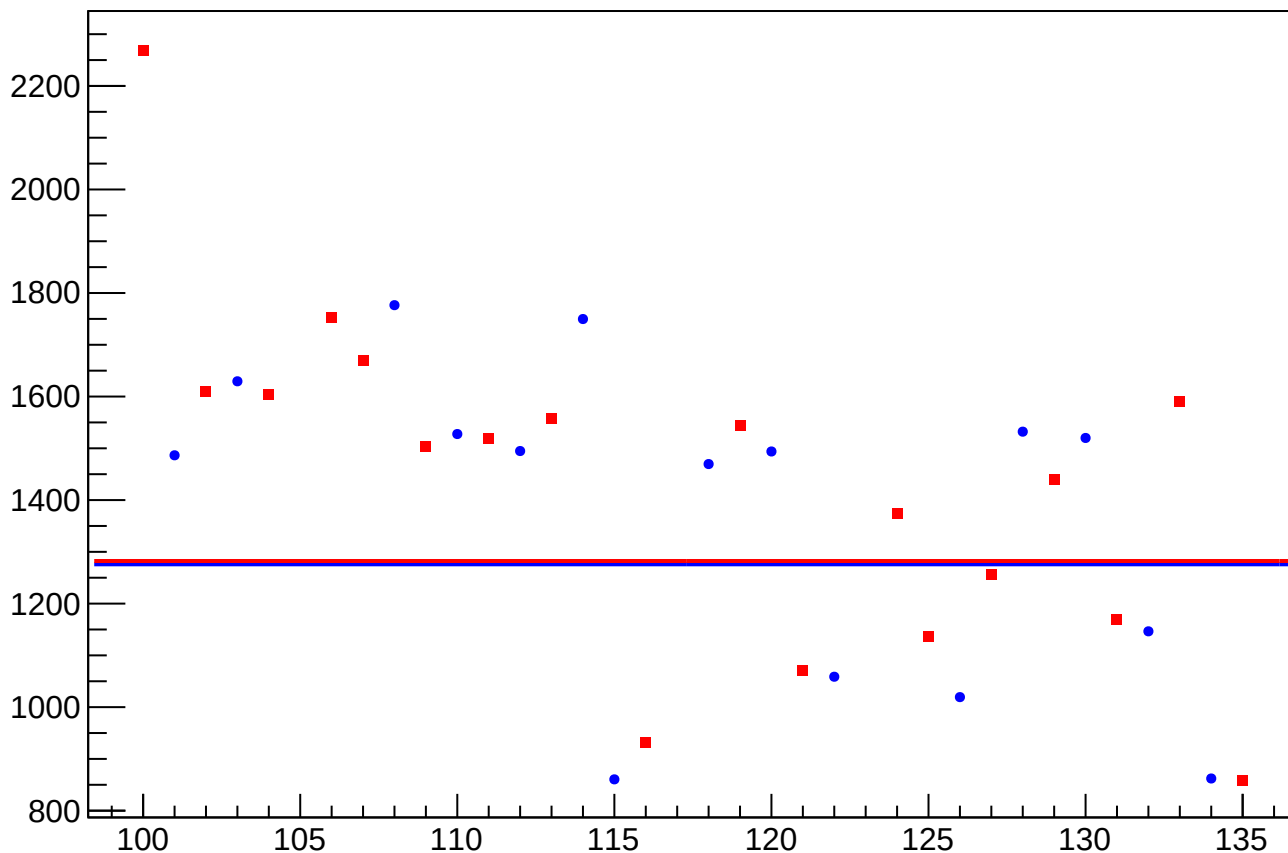
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 587.524 $\pm$ 356.882 χ^2 /NDF: 27.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_rms vs Slug



Right In: 1275.910+/-0.369 χ^2/NDF : 621590.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1282.321+/-0.346 χ^2/NDF : 721379.6/17

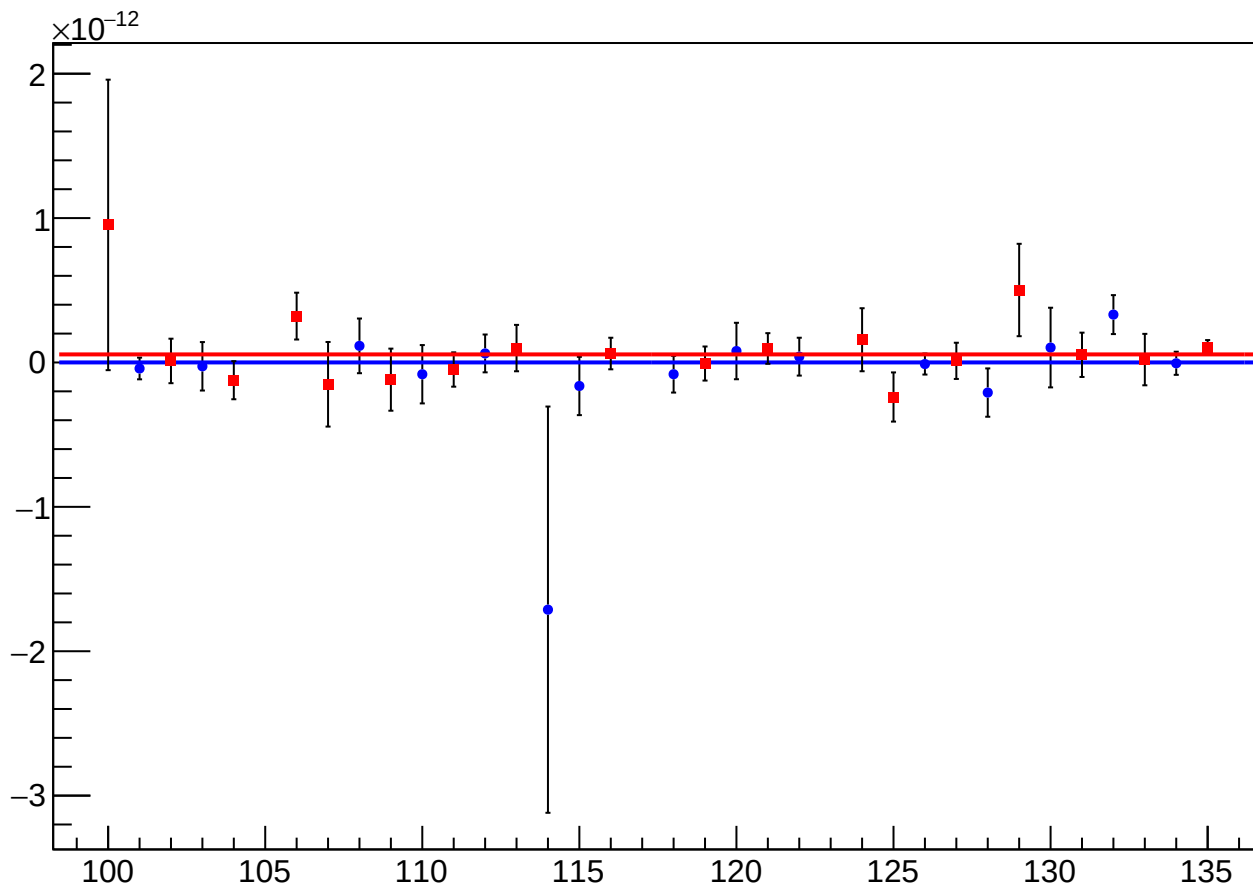
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1279.325+/-0.252 χ^2/NDF : 1343130.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.3/17

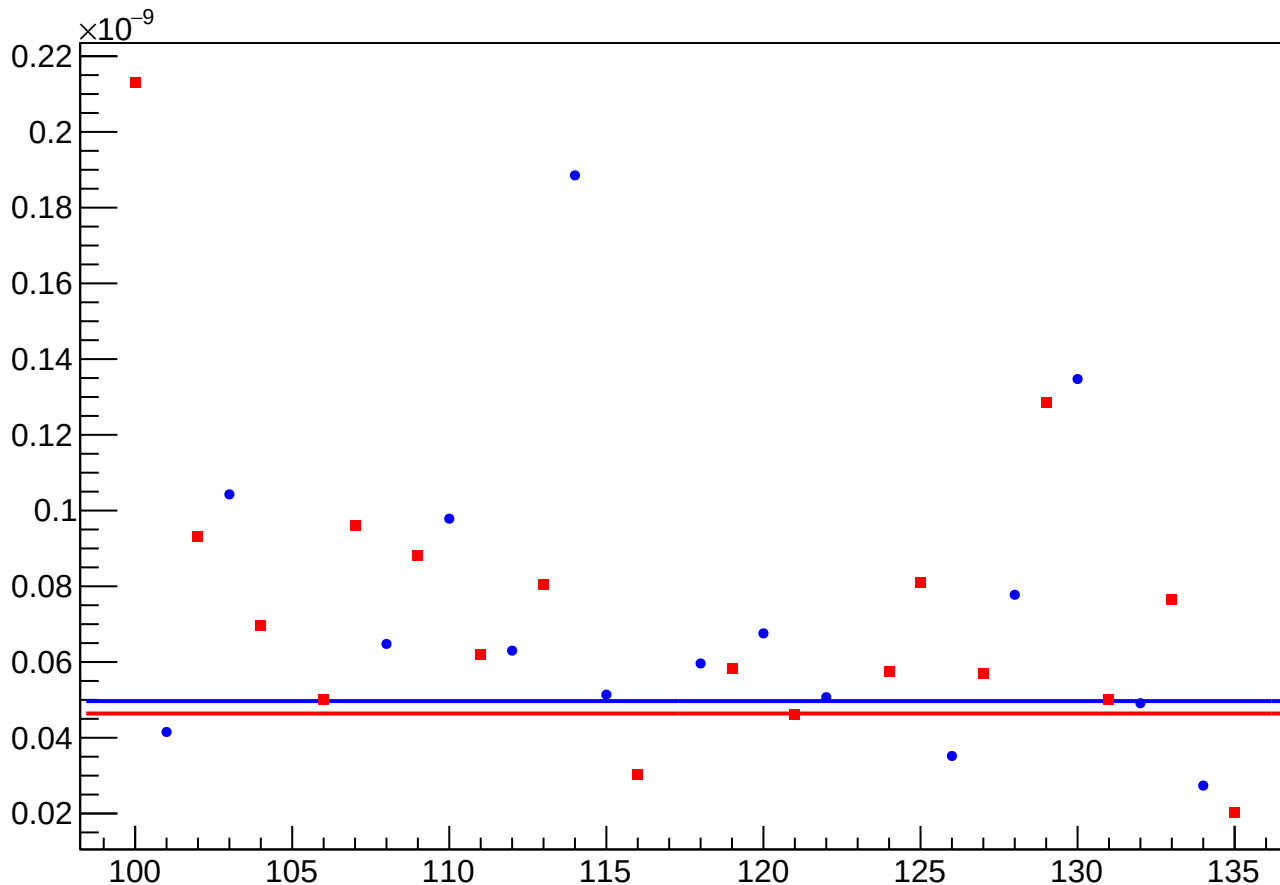
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 912005.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1492845.5/17

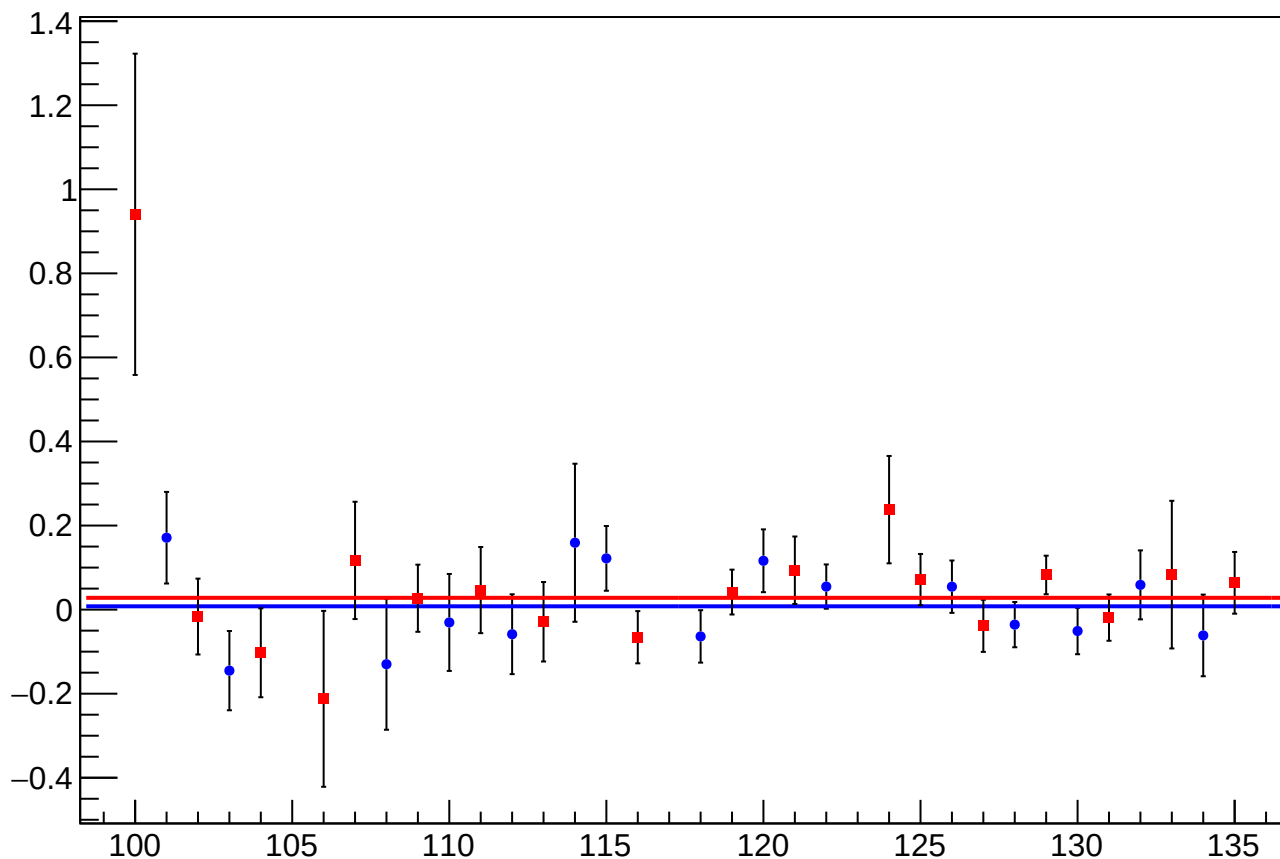
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2416011.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

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

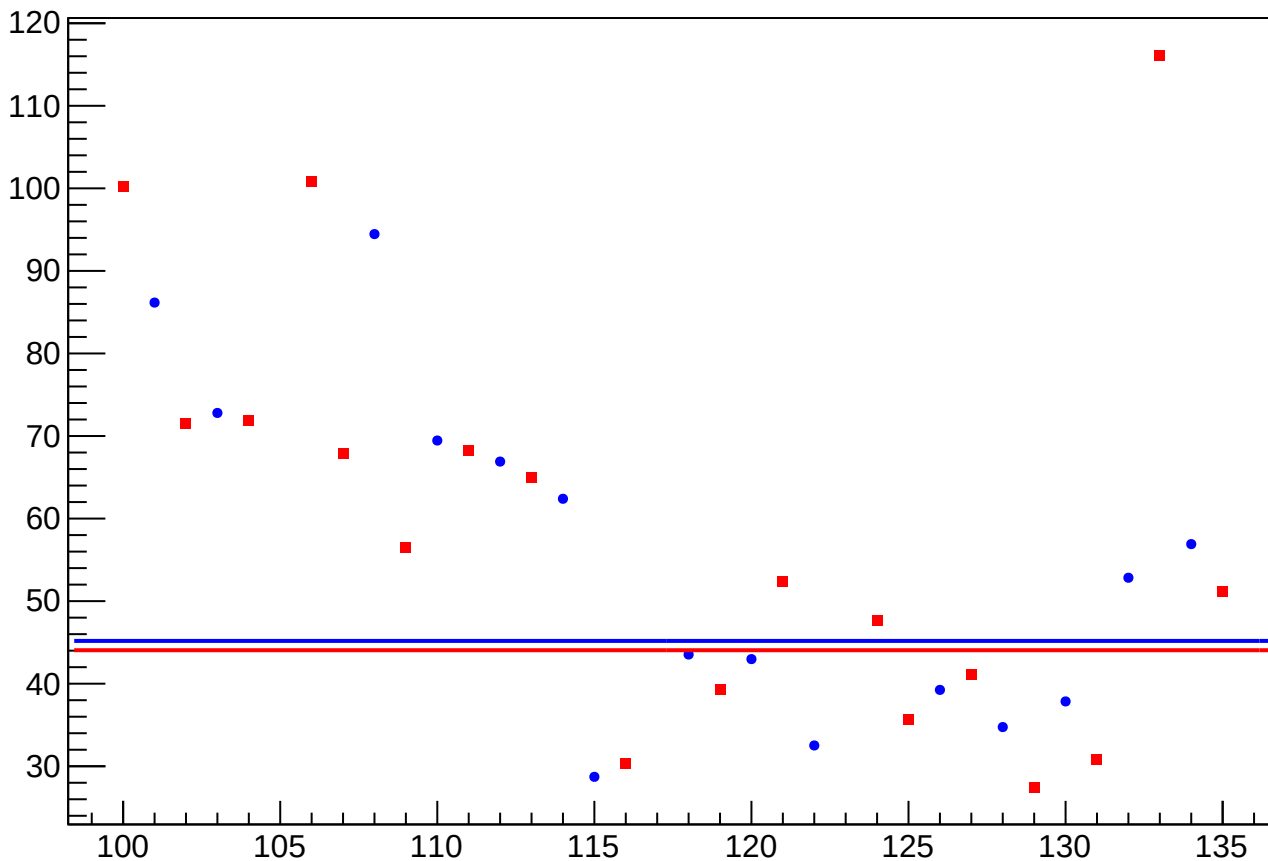
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 36.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_cor_diff_rms vs Slug



Right In: 45.182 $\pm$ 0.014 χ^2 /NDF: 1249153.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.053 $\pm$ 0.013 χ^2 /NDF: 1741842.6/17

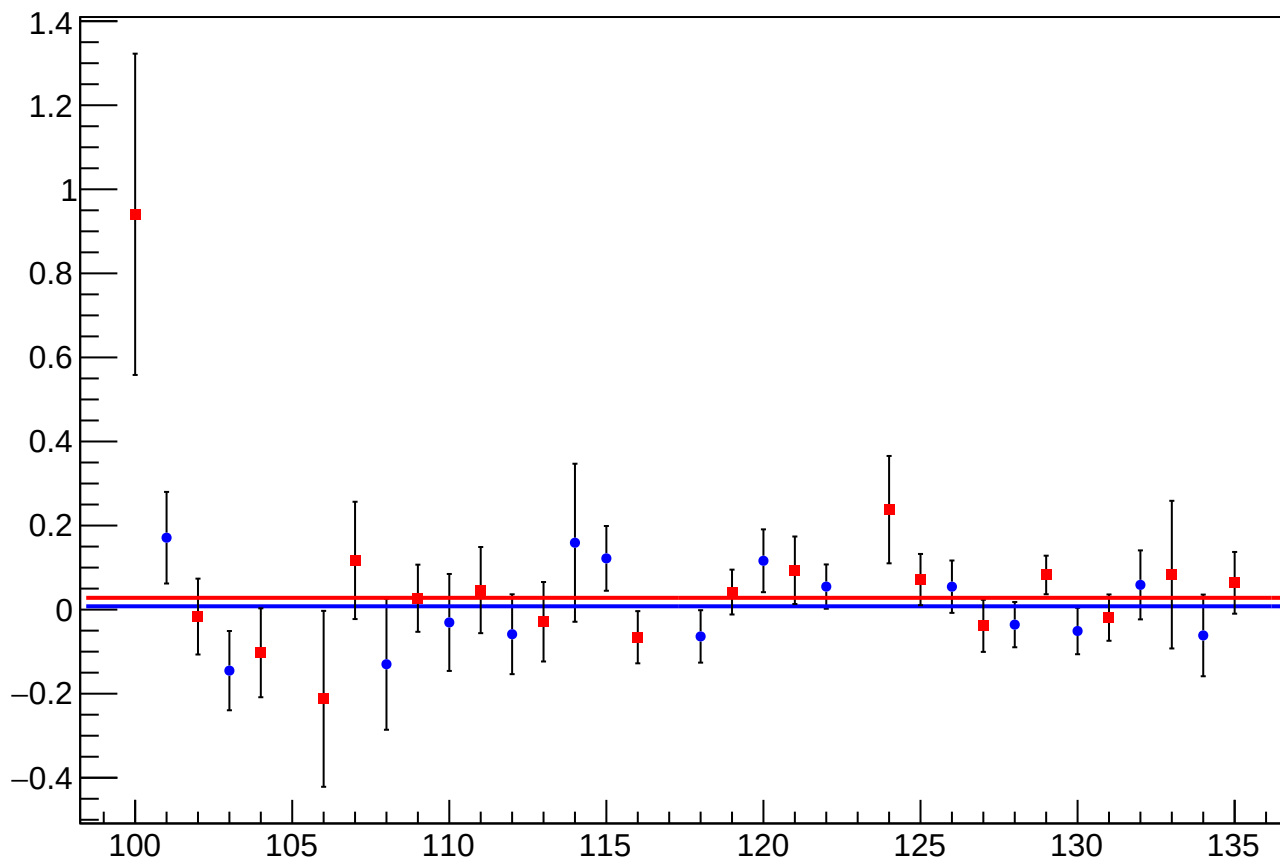
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.574 $\pm$ 0.009 χ^2 /NDF: 2994564.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

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

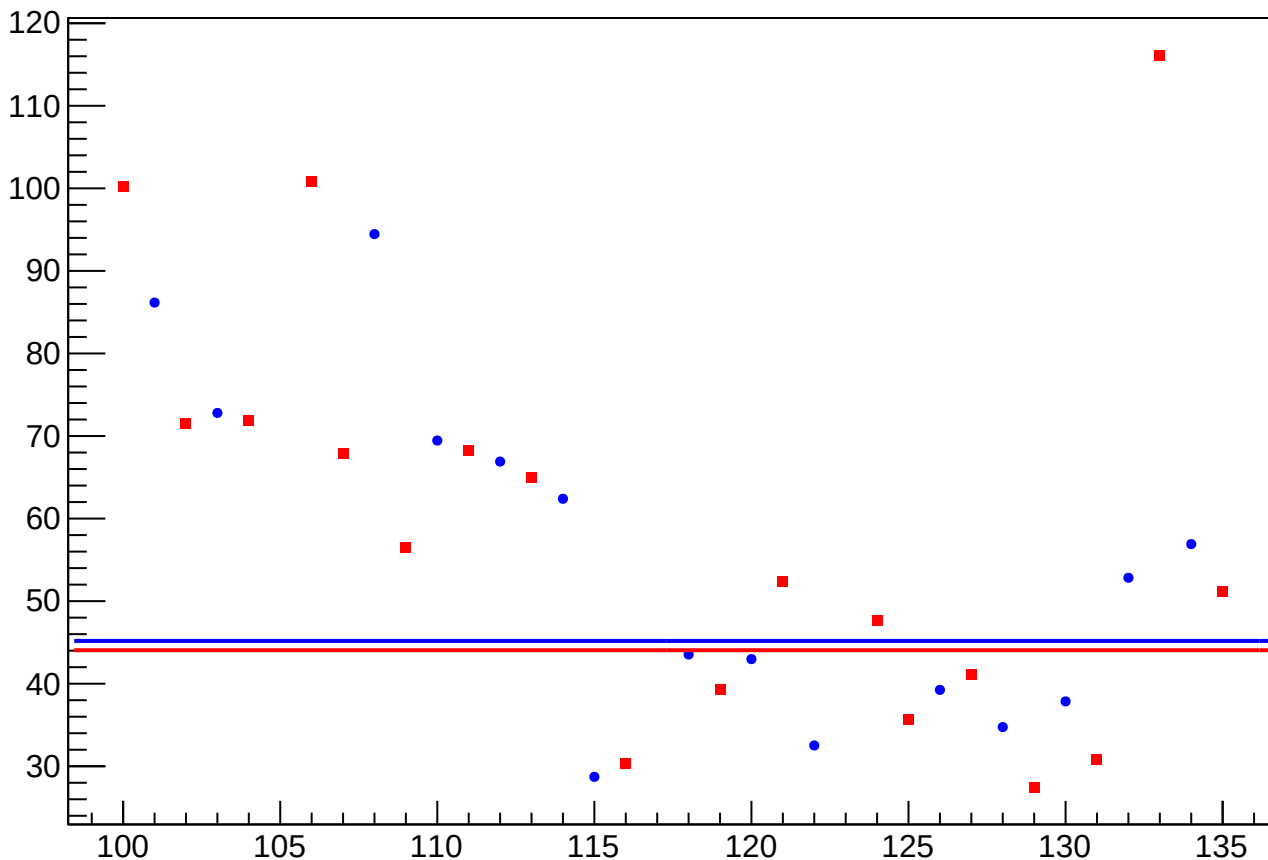
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 36.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.182+/-0.014 χ^2/NDF : 1249153.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 44.053+/-0.013 χ^2/NDF : 1741842.6/17

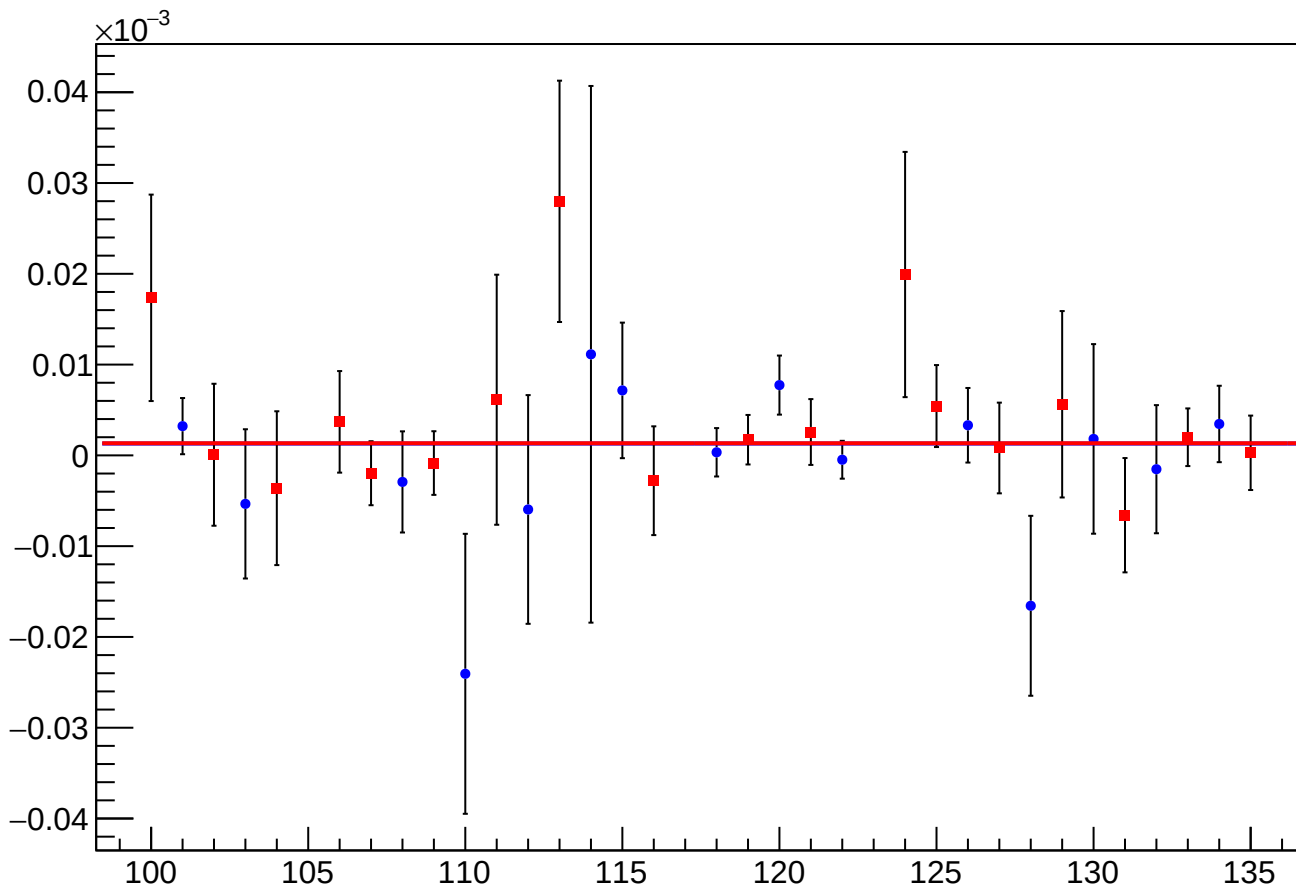
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 44.574+/-0.009 χ^2/NDF : 2994564.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/17

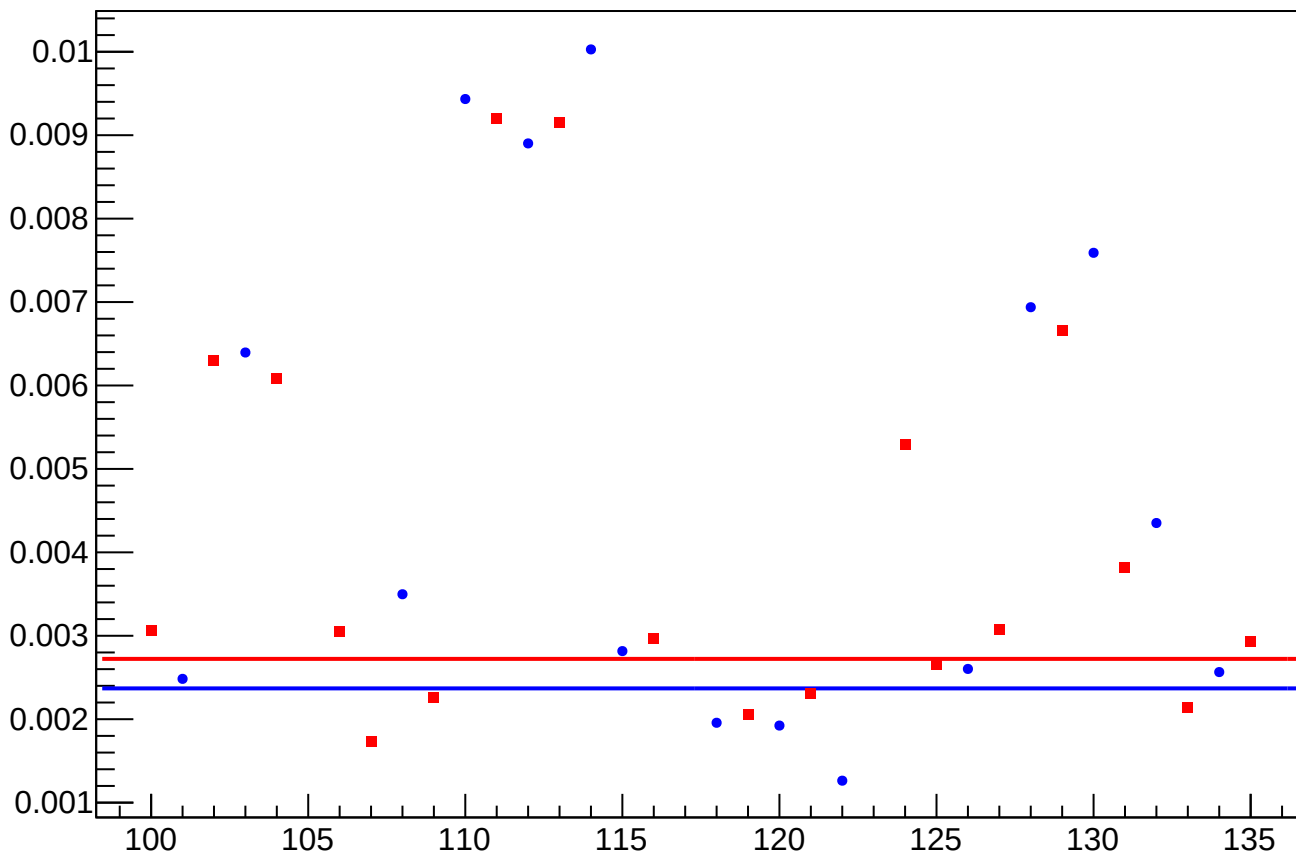
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 27.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 3405700.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2504432.2/17

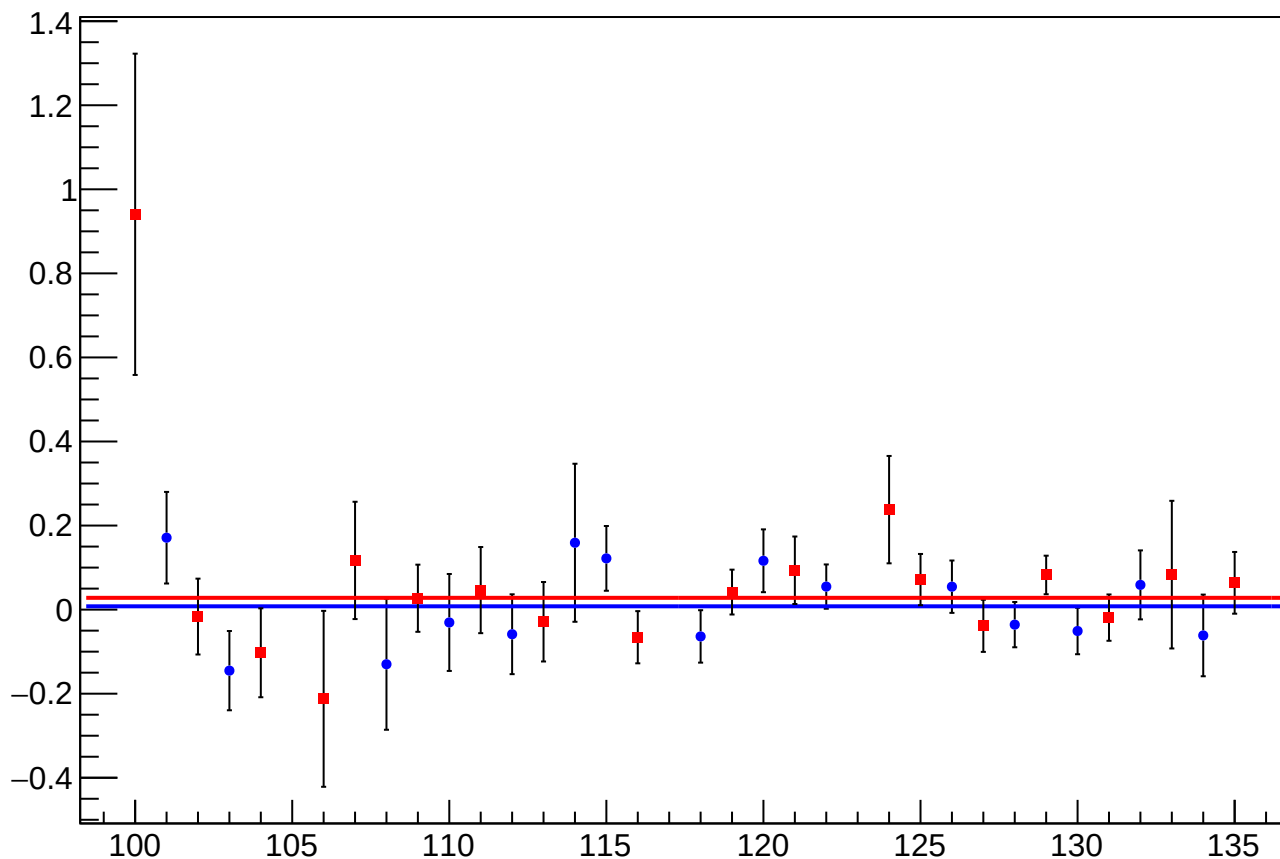
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 6008325.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.020 χ^2 /NDF: 16.6/14

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

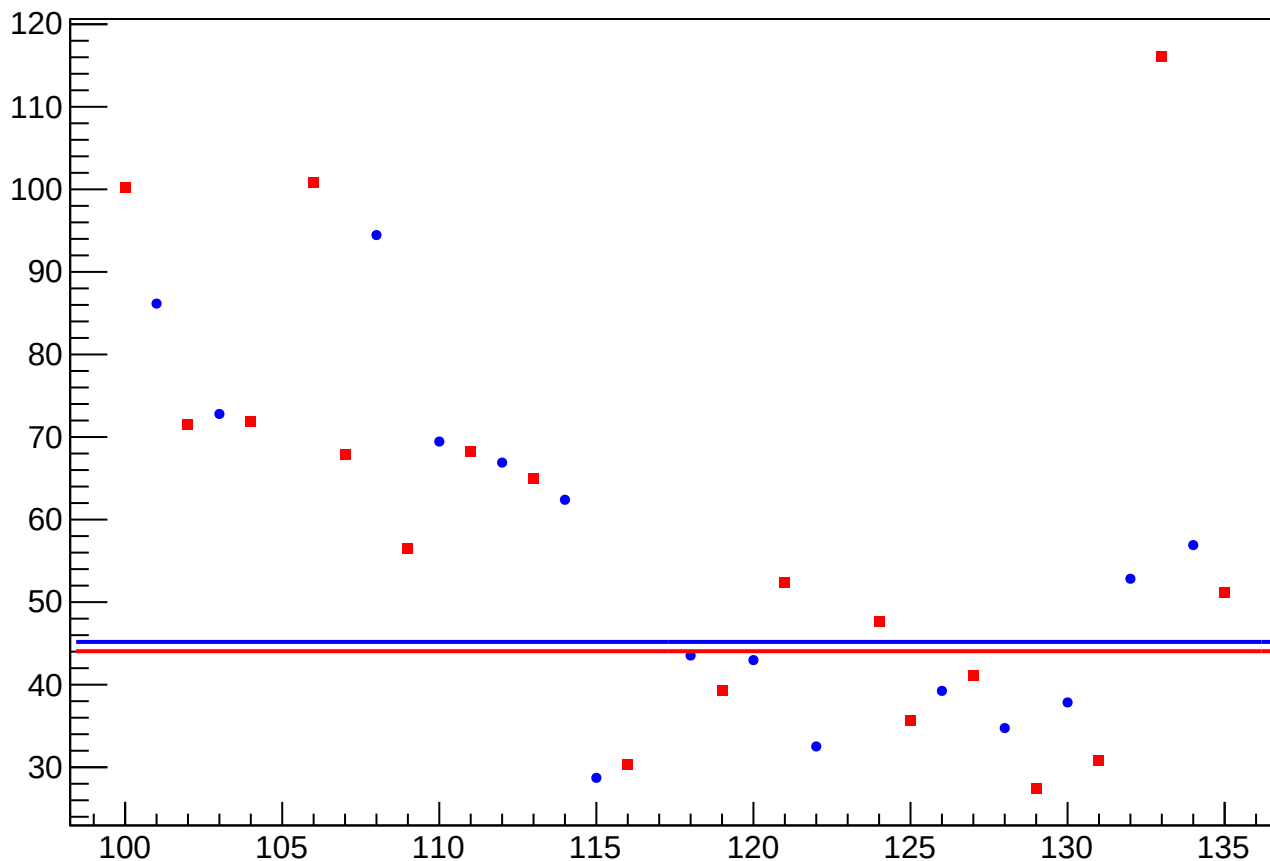
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.013 χ^2 /NDF: 36.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 45.182+/-0.014 χ^2/NDF : 1249109.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

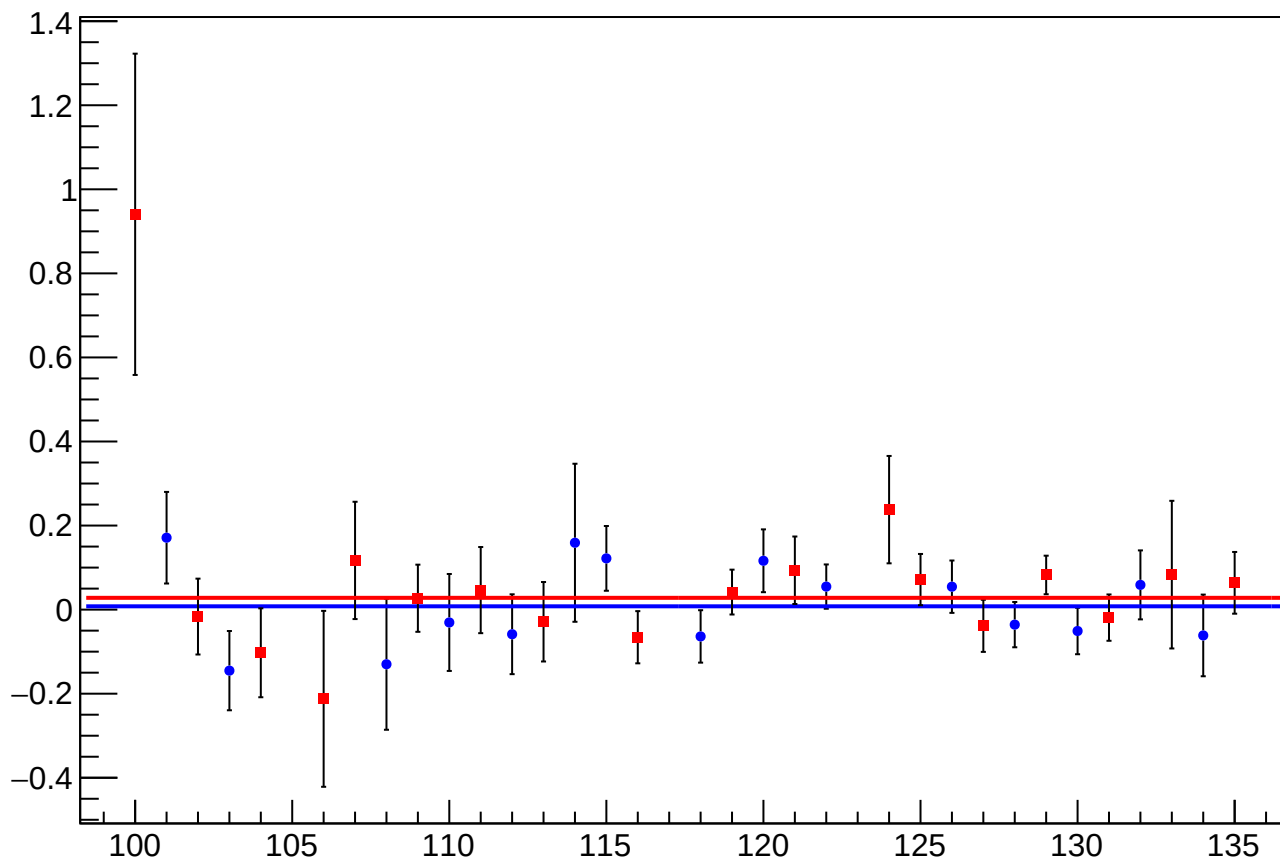
Right Out: 44.054+/-0.013 χ^2/NDF : 1741763.7/17

All: 44.575+/-0.009 χ^2/NDF : 2994438.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008+/-0.020 χ^2/NDF : 16.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.028+/-0.018 χ^2/NDF : 19.4/17

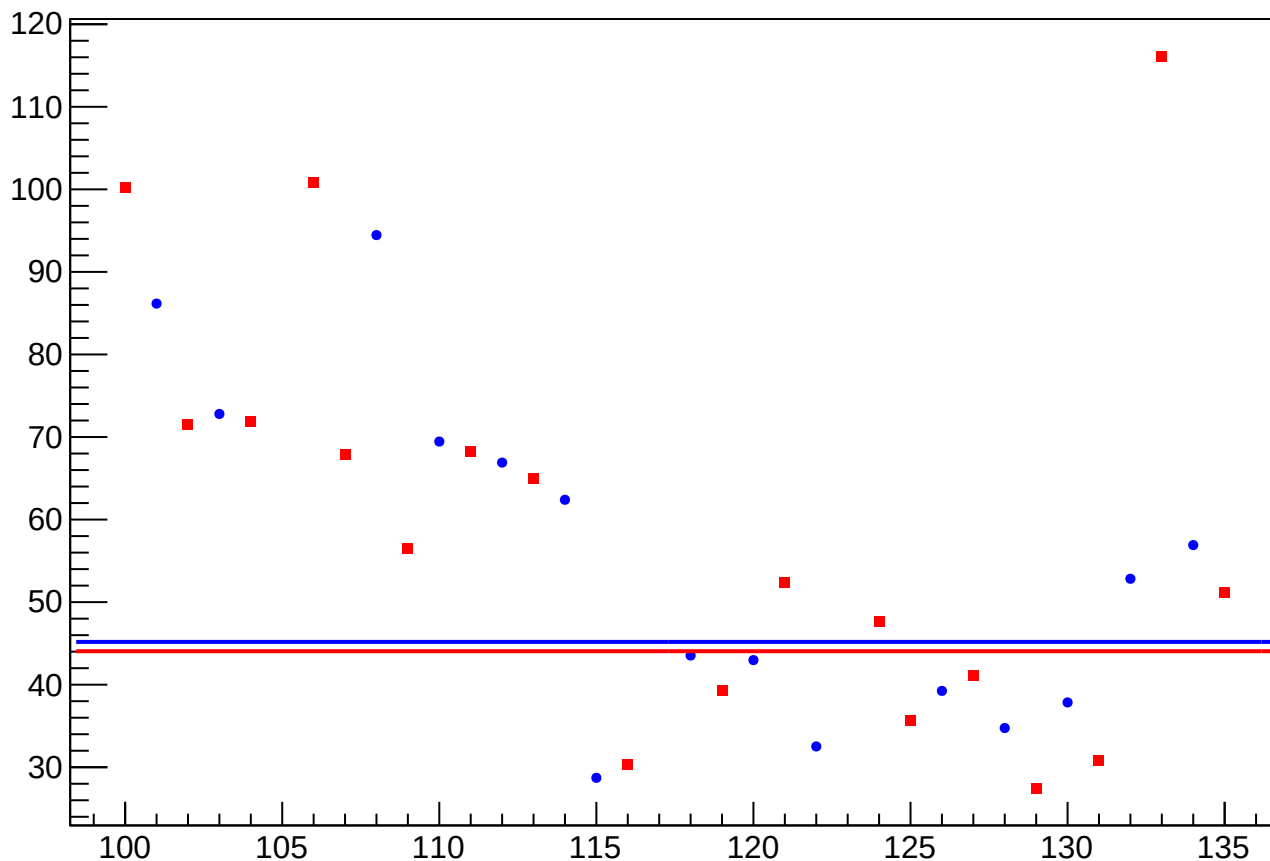
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.019+/-0.013 χ^2/NDF : 36.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_3726_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 45.182 $\pm$ 0.014 χ^2 /NDF: 1249109.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 44.054 $\pm$ 0.013 χ^2 /NDF: 1741763.7/17

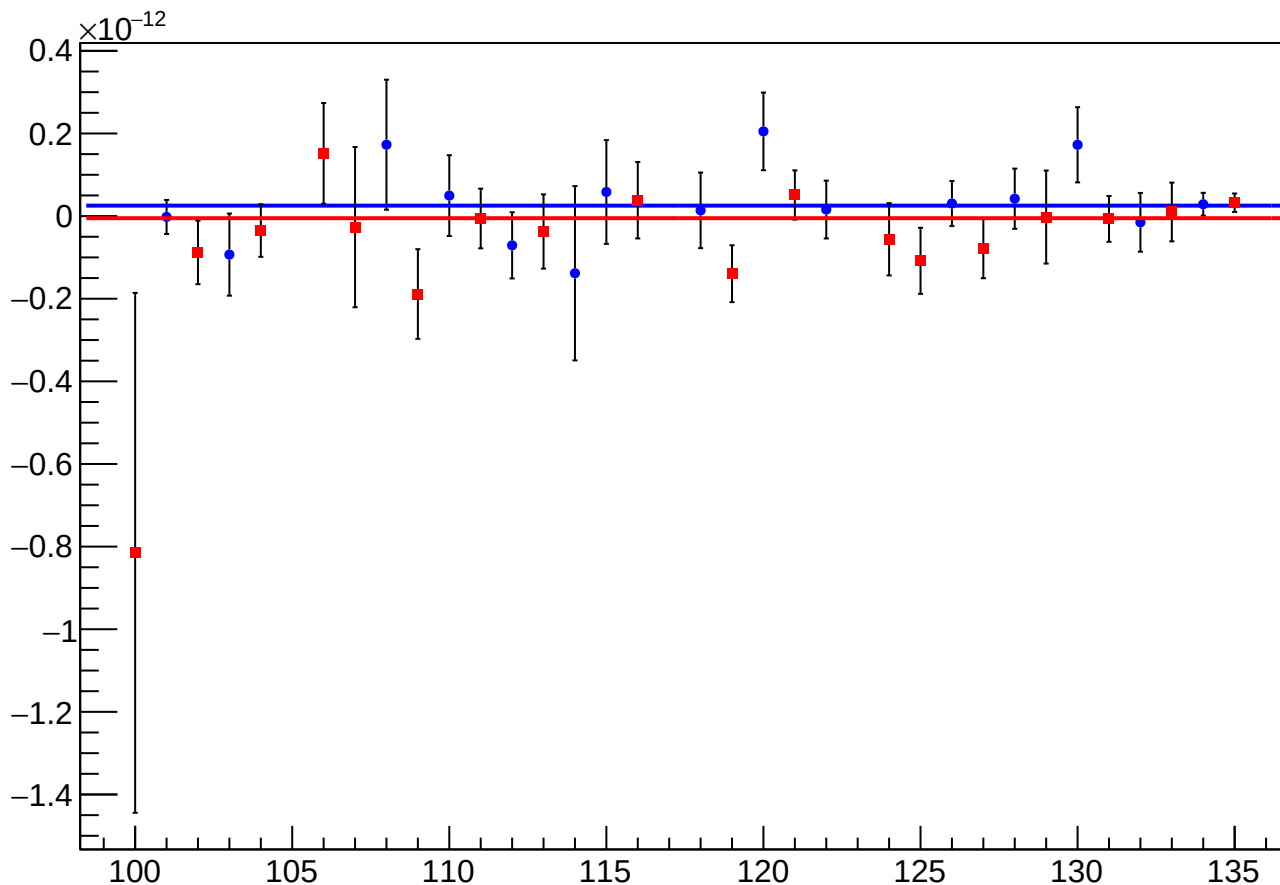
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 44.575 $\pm$ 0.009 χ^2 /NDF: 2994438.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.5/17

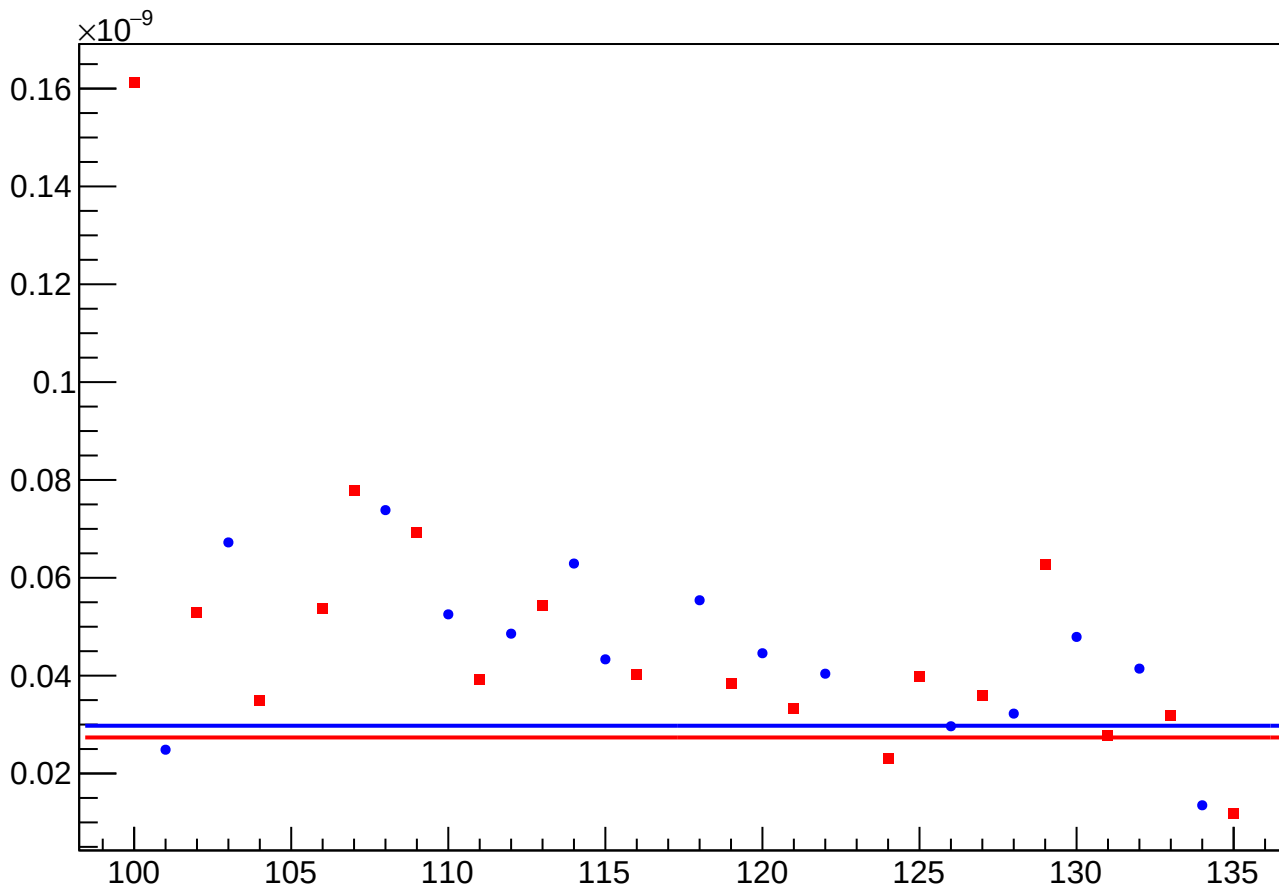
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_3726_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1847380.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 2473013.9/17

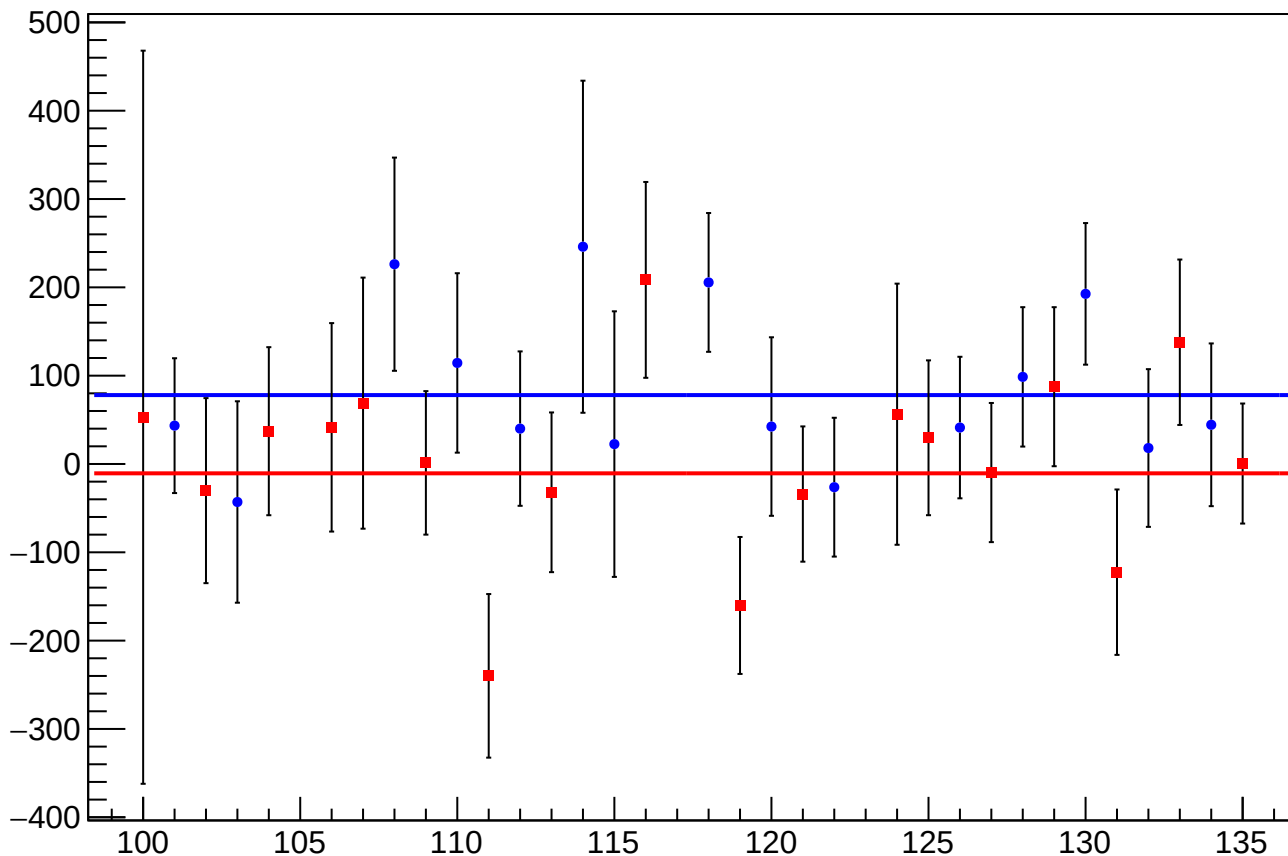
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 4343898.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_mean vs Slug



Right In: 78.012 $\pm$ 23.875 χ^2 /NDF: 11.5/14

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

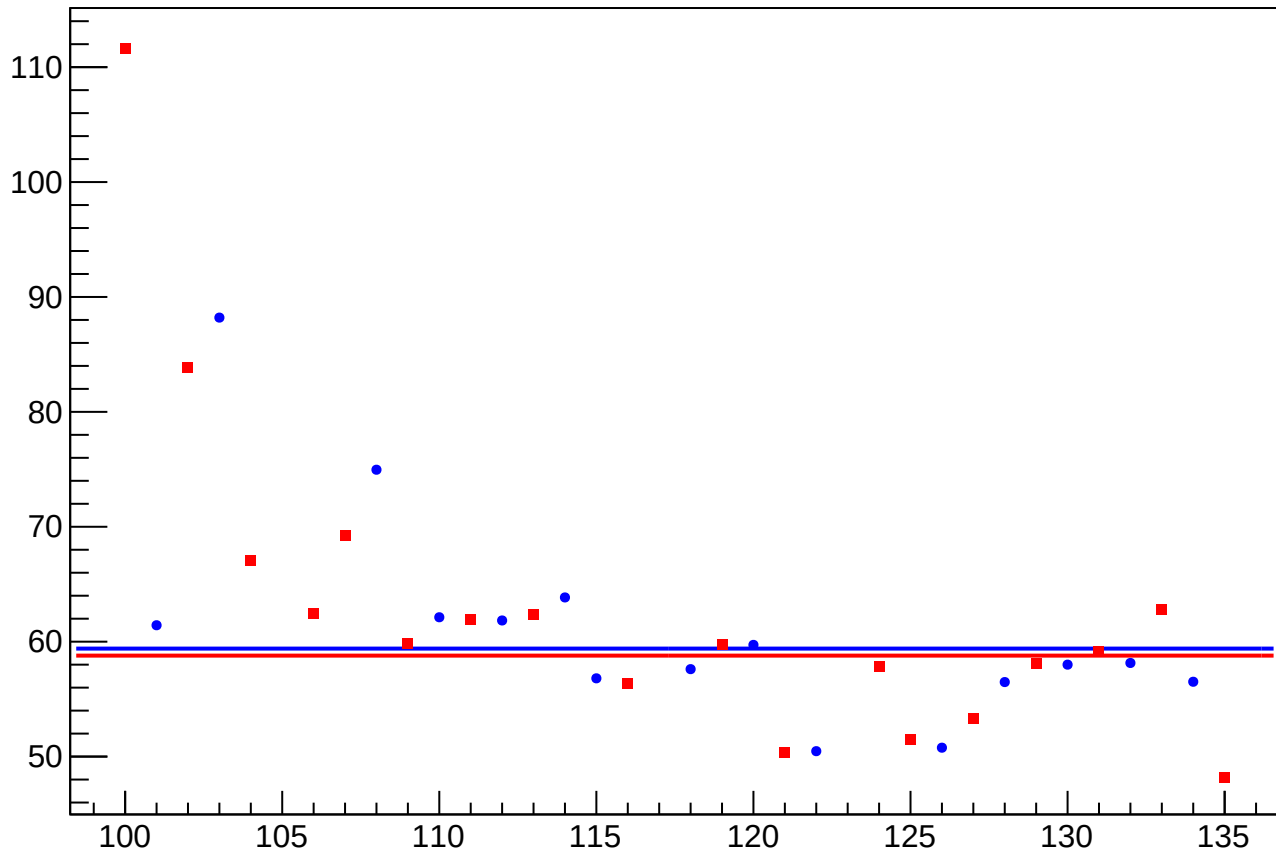
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.357 $\pm$ 16.229 χ^2 /NDF: 39.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_rms vs Slug



Right In: 59.398 $\pm$ 0.017 χ^2 /NDF: 222731.3/14

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

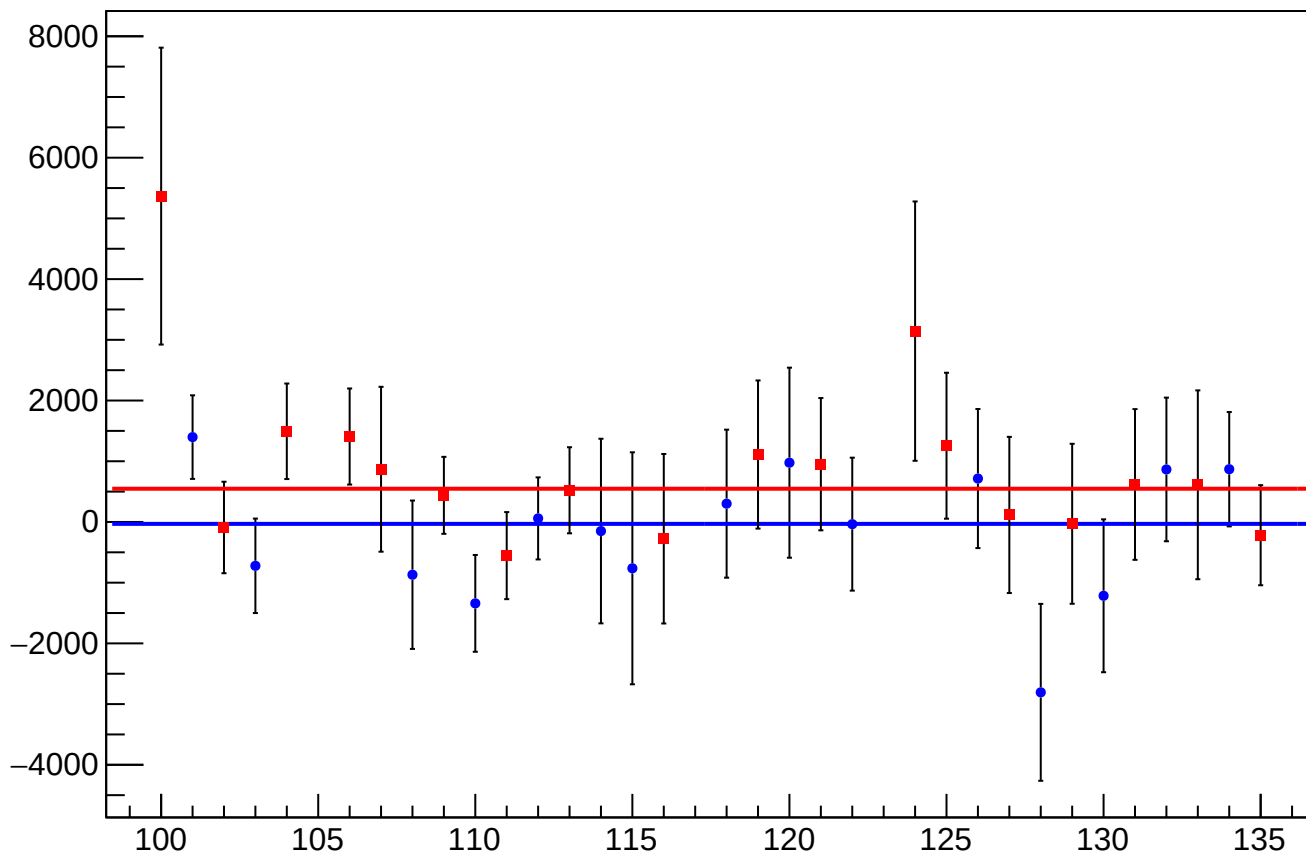
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.069 $\pm$ 0.011 χ^2 /NDF: 505312.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_reg_correction_mean vs Slug



Right In: -31.474 ± 262.414 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 547.437 ± 230.877 χ^2/NDF : 13.4/17

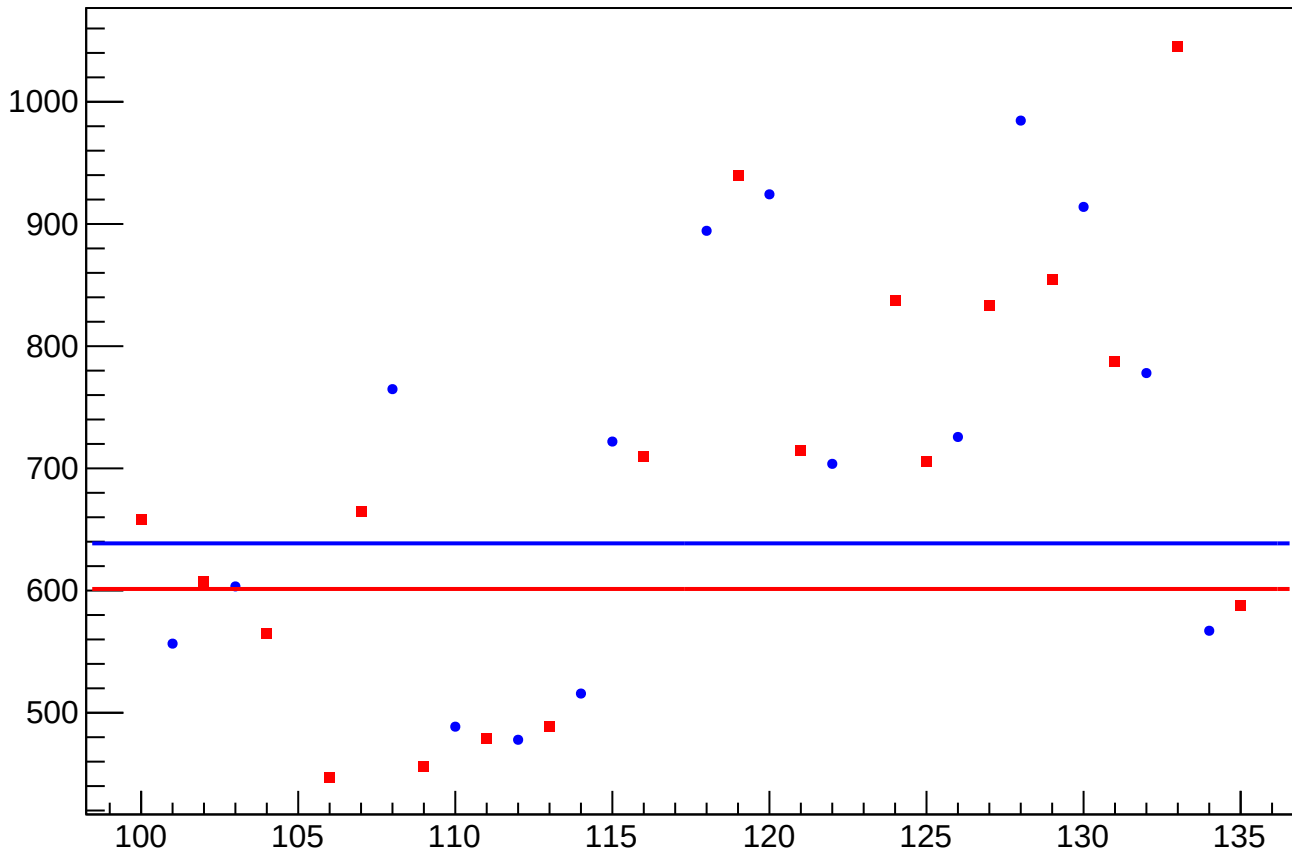
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 294.842 ± 173.338 χ^2/NDF : 31.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_correction_rms vs Slug



Right In: 638.633+/-0.186 χ^2/NDF : 675677.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 601.315+/-0.163 χ^2/NDF : 873988.9/17

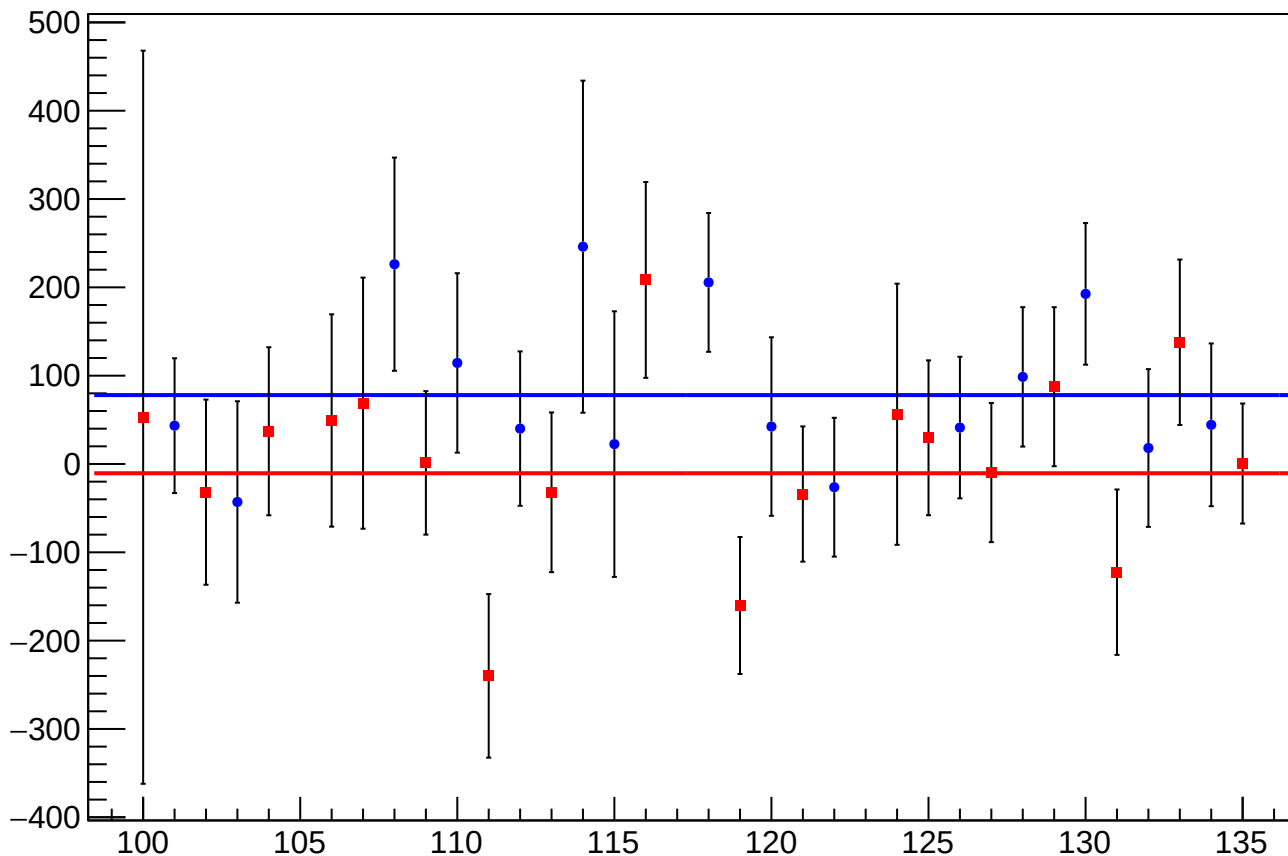
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 617.598+/-0.123 χ^2/NDF : 1572466.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_48_dd_mean vs Slug



Right In: 78.019+/-23.875 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.466+/-22.143 χ^2/NDF : 20.4/17

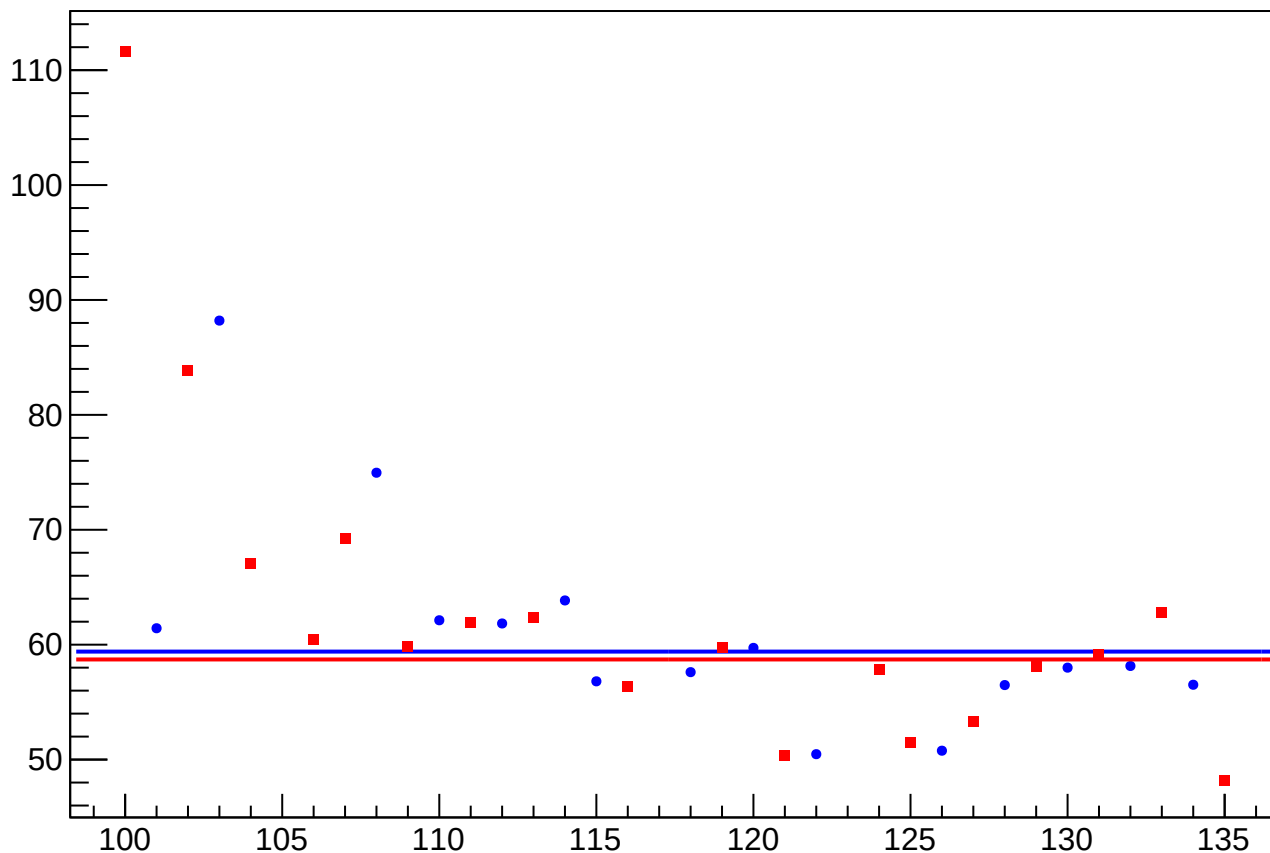
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.451+/-16.235 χ^2/NDF : 39.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.398 $\pm$ 0.017 χ^2 /NDF: 222734.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 58.713 $\pm$ 0.016 χ^2 /NDF: 280517.5/17

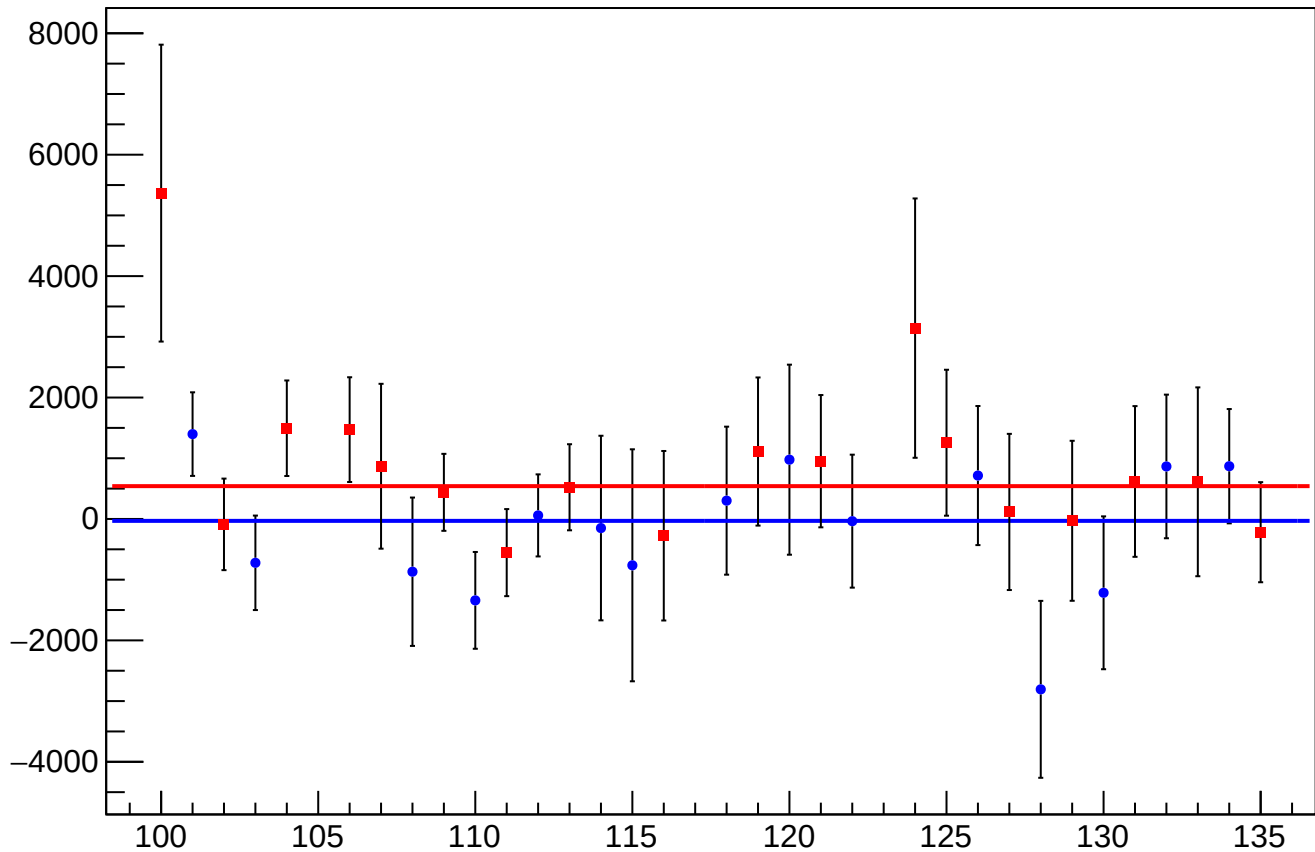
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.030 $\pm$ 0.011 χ^2 /NDF: 504136.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_cor_correction_mean vs Slug



Right In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 540.605 ± 232.462 χ^2/NDF : 13.3/17

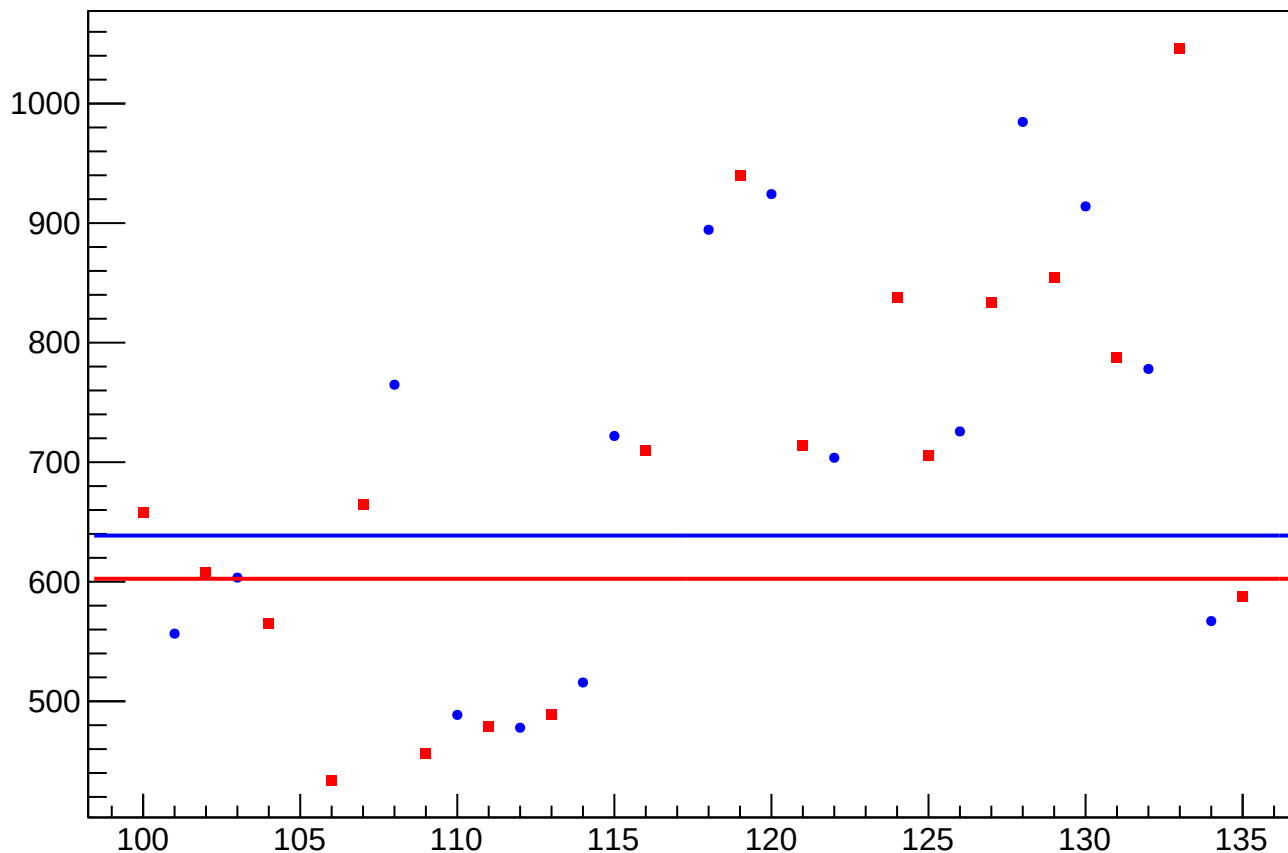
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 289.084 ± 174.007 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_cor_correction_rms vs Slug



Right In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 602.489+/-0.164 χ^2/NDF : 873351.9/17

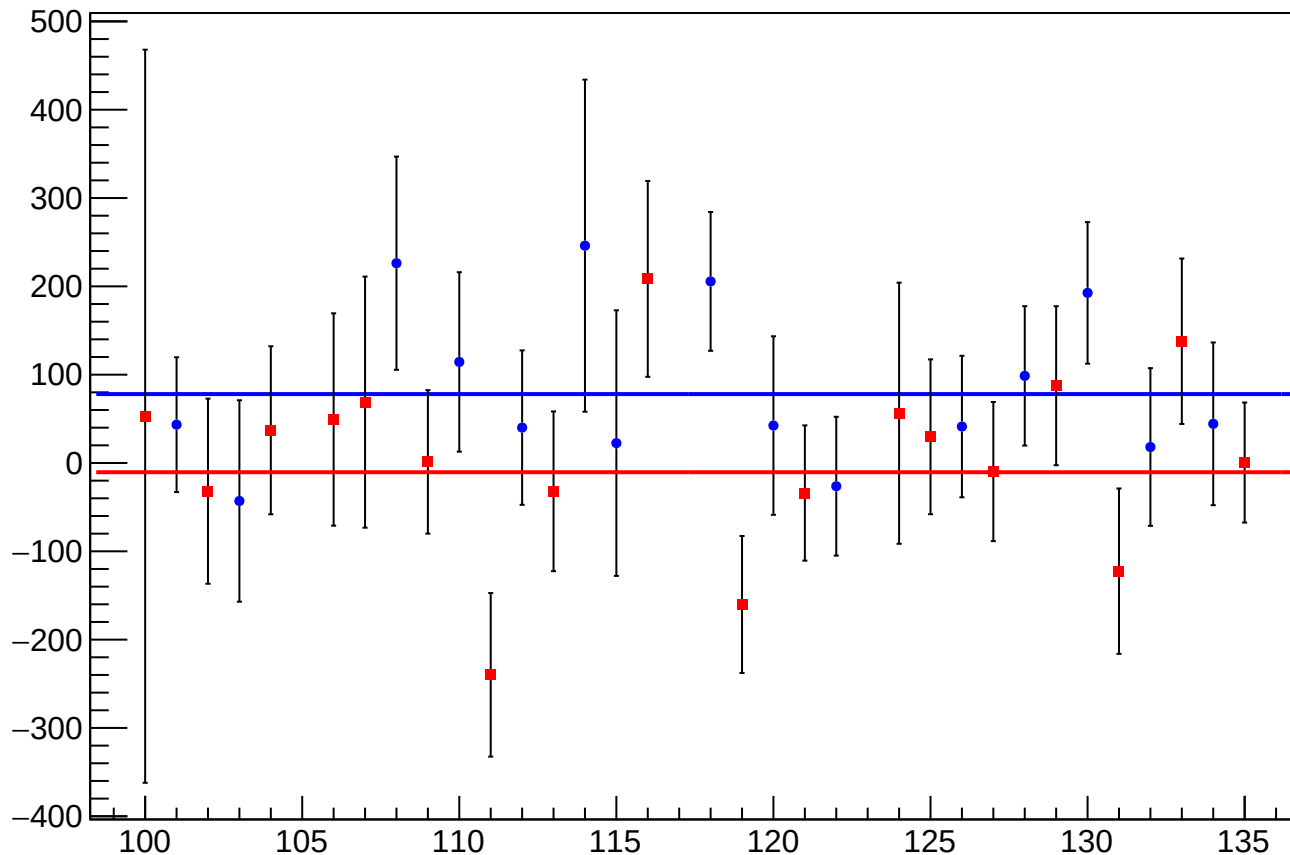
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 618.384+/-0.123 χ^2/NDF : 1570284.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_mean vs Slug



Right In: 78.019+/-23.875 χ^2/NDF : 11.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.466+/-22.143 χ^2/NDF : 20.4/17

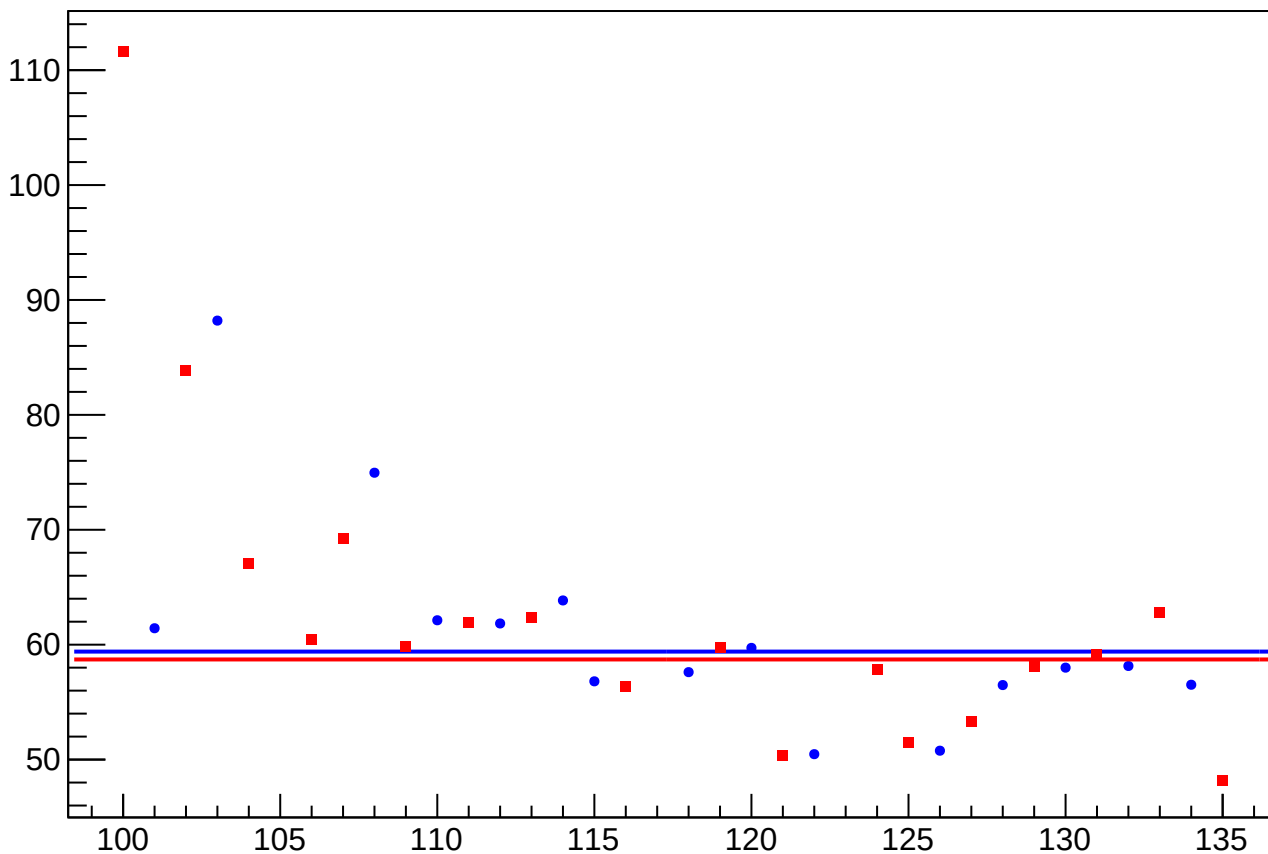
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.451+/-16.235 χ^2/NDF : 39.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_48_dd_rms vs Slug



Right In: 59.398 $\pm$ 0.017 χ^2 /NDF: 222734.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.713 $\pm$ 0.016 χ^2 /NDF: 280517.5/17

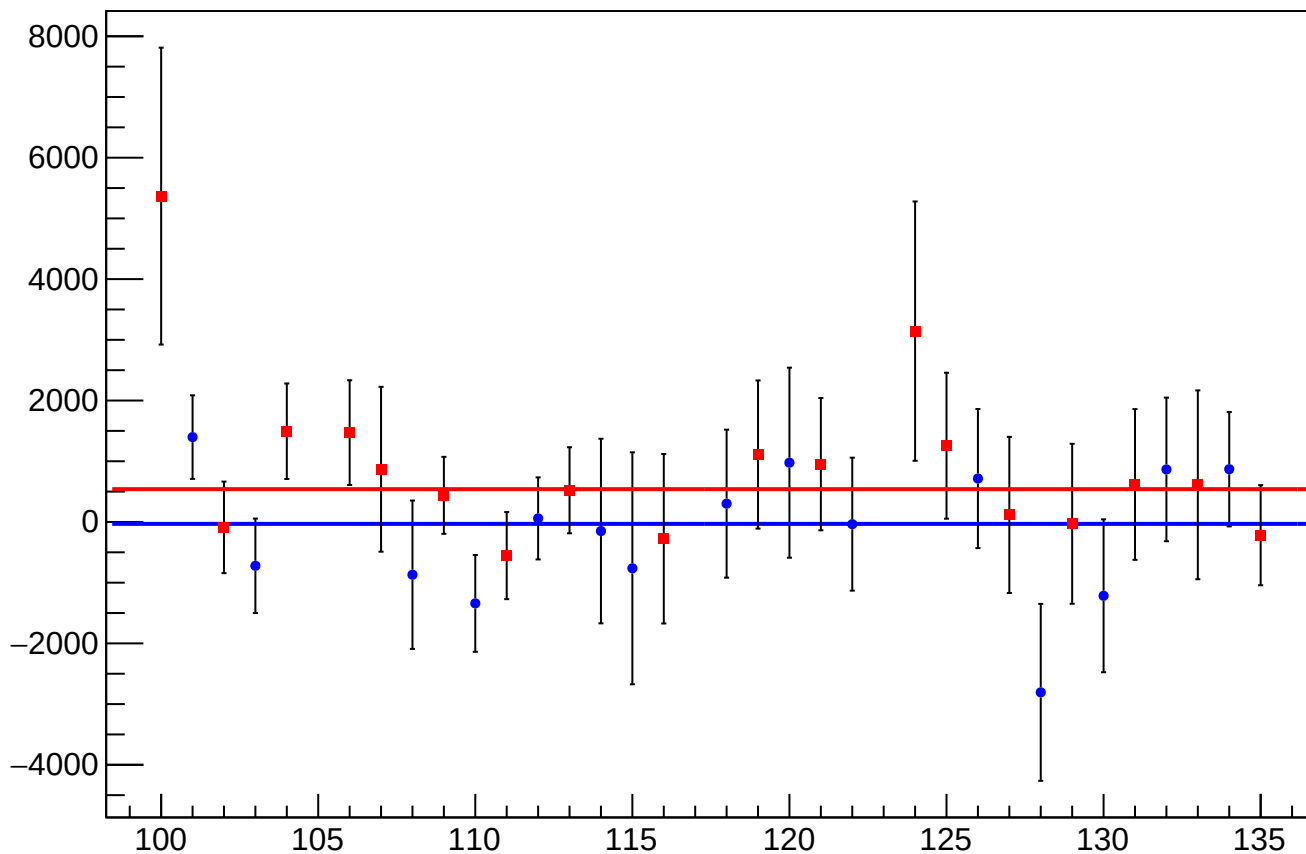
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.030 $\pm$ 0.011 χ^2 /NDF: 504136.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_mean vs Slug



Right In: -31.432 ± 262.416 χ^2/NDF : 15.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 540.605 ± 232.462 χ^2/NDF : 13.3/17

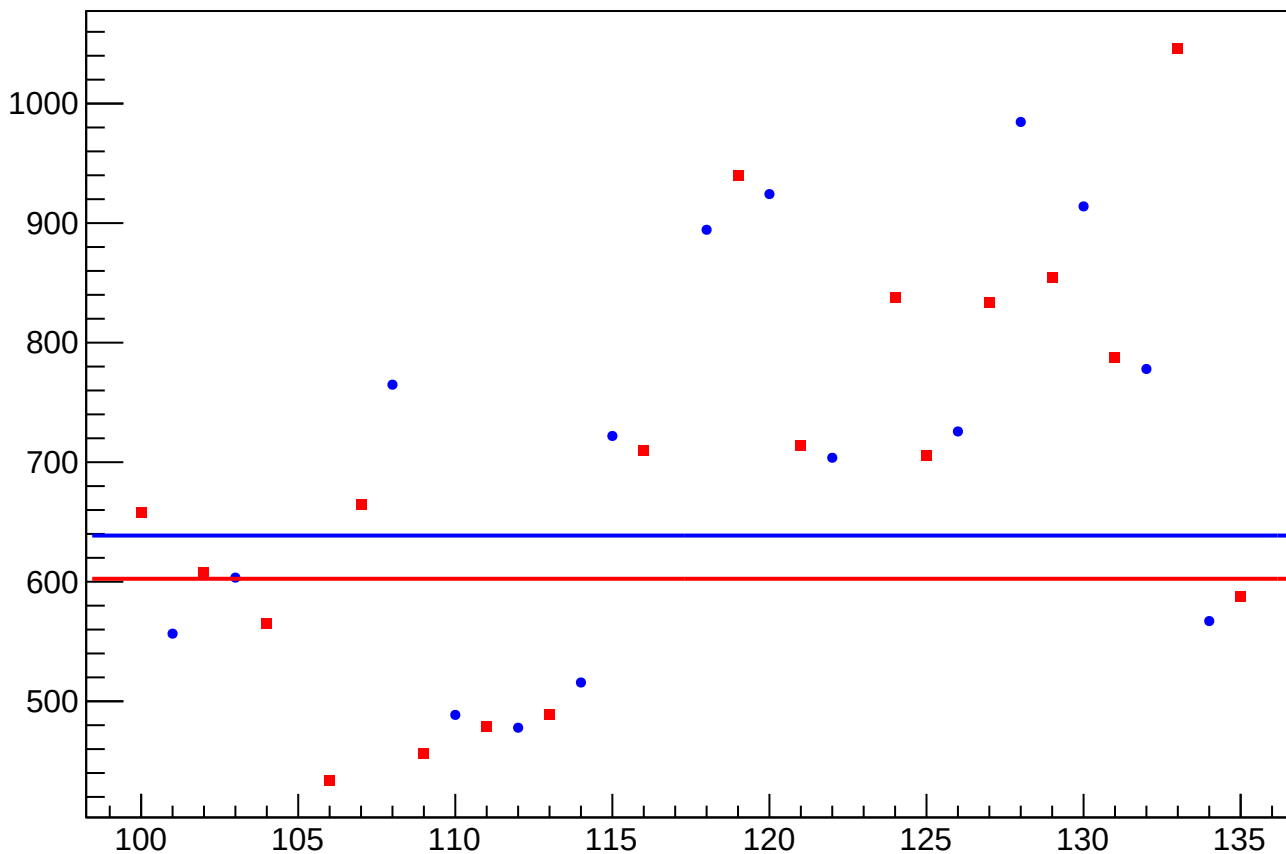
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 289.084 ± 174.007 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_cor_correction_rms vs Slug



Right In: 638.639+/-0.186 χ^2/NDF : 675665.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

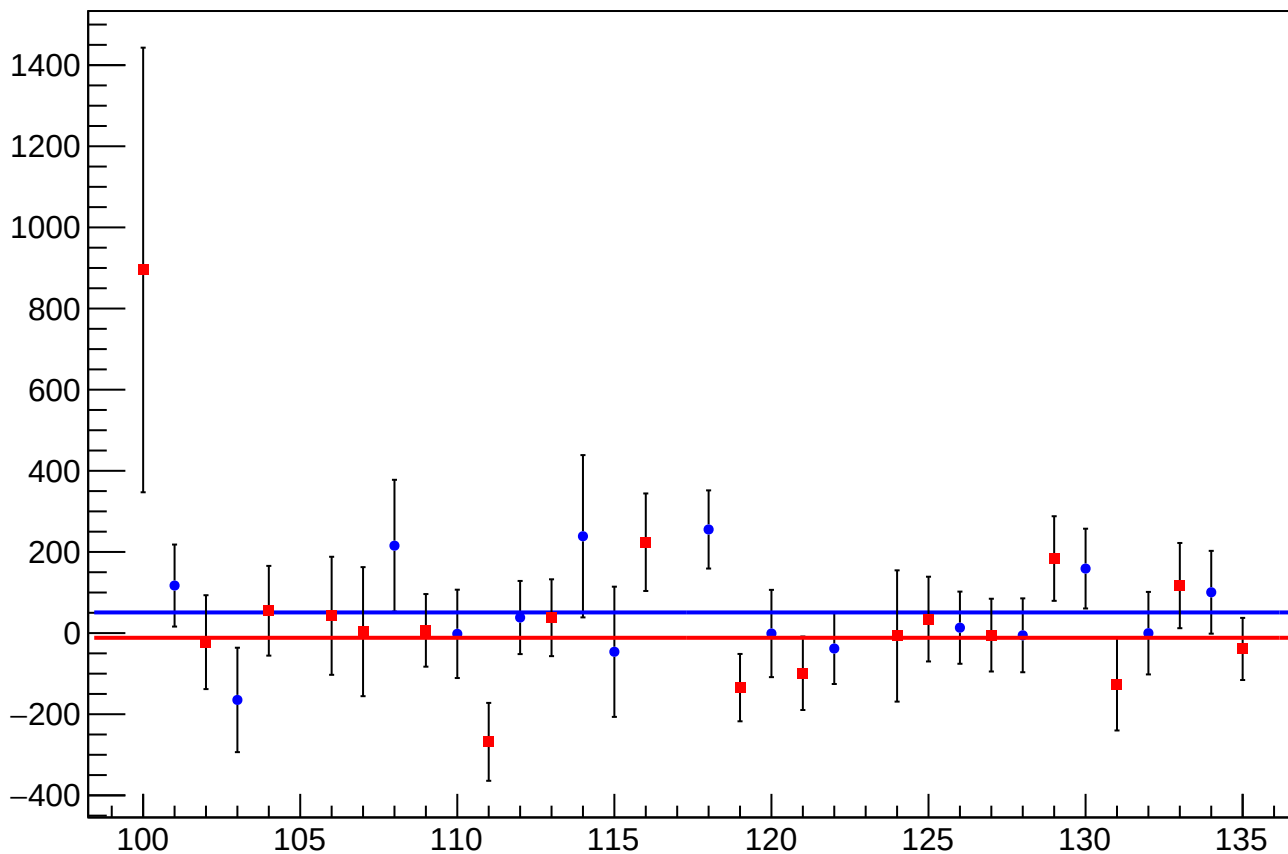
Right Out: 602.489+/-0.164 χ^2/NDF : 873351.9/17

All: 618.384+/-0.123 χ^2/NDF : 1570284.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_48_dd_mean vs Slug



Right In: 50.905 $\pm$ 27.365 χ^2 /NDF: 13.8/14

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

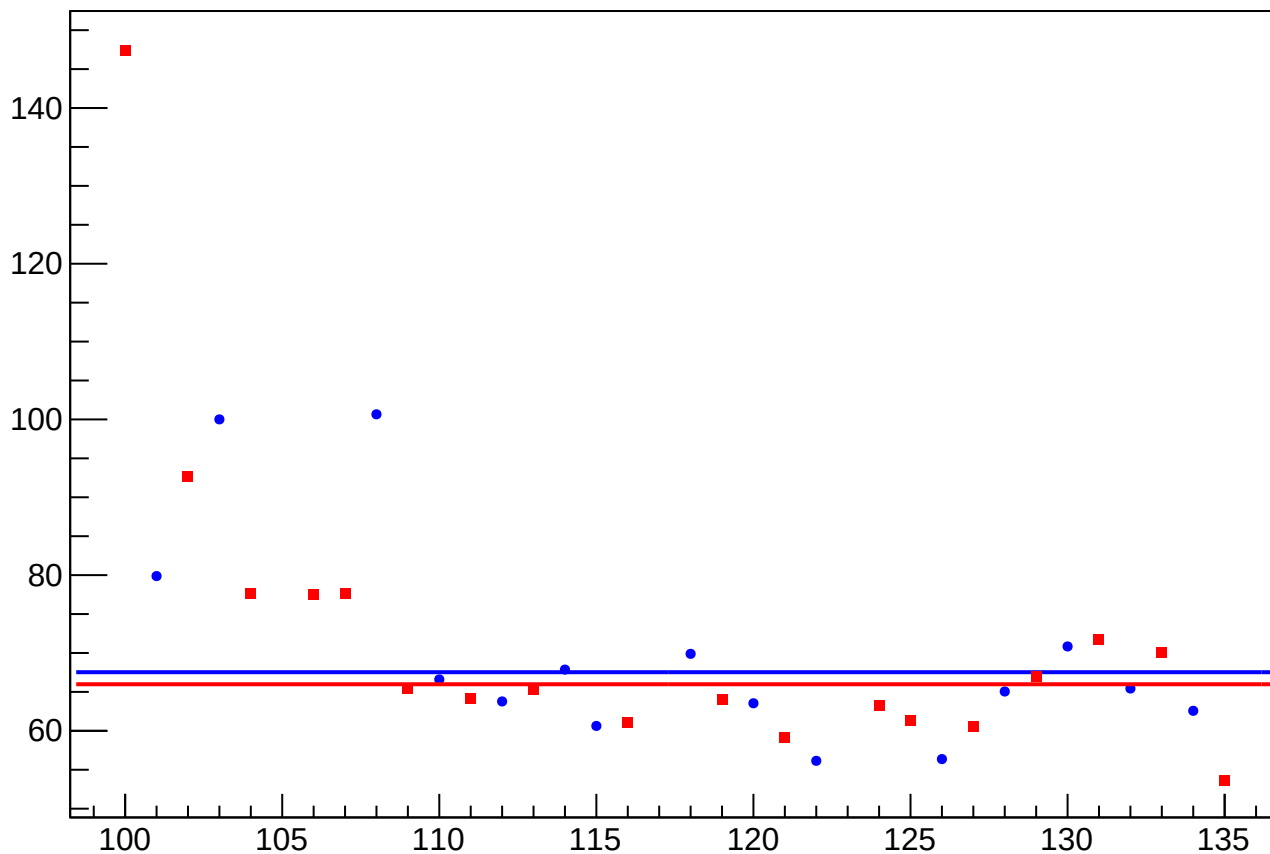
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.726 $\pm$ 18.421 χ^2 /NDF: 40.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_15_48_dd_rms vs Slug



Right In: 67.530 $\pm$ 0.019 χ^2 /NDF: 326347.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.982 $\pm$ 0.018 χ^2 /NDF: 284629.8/17

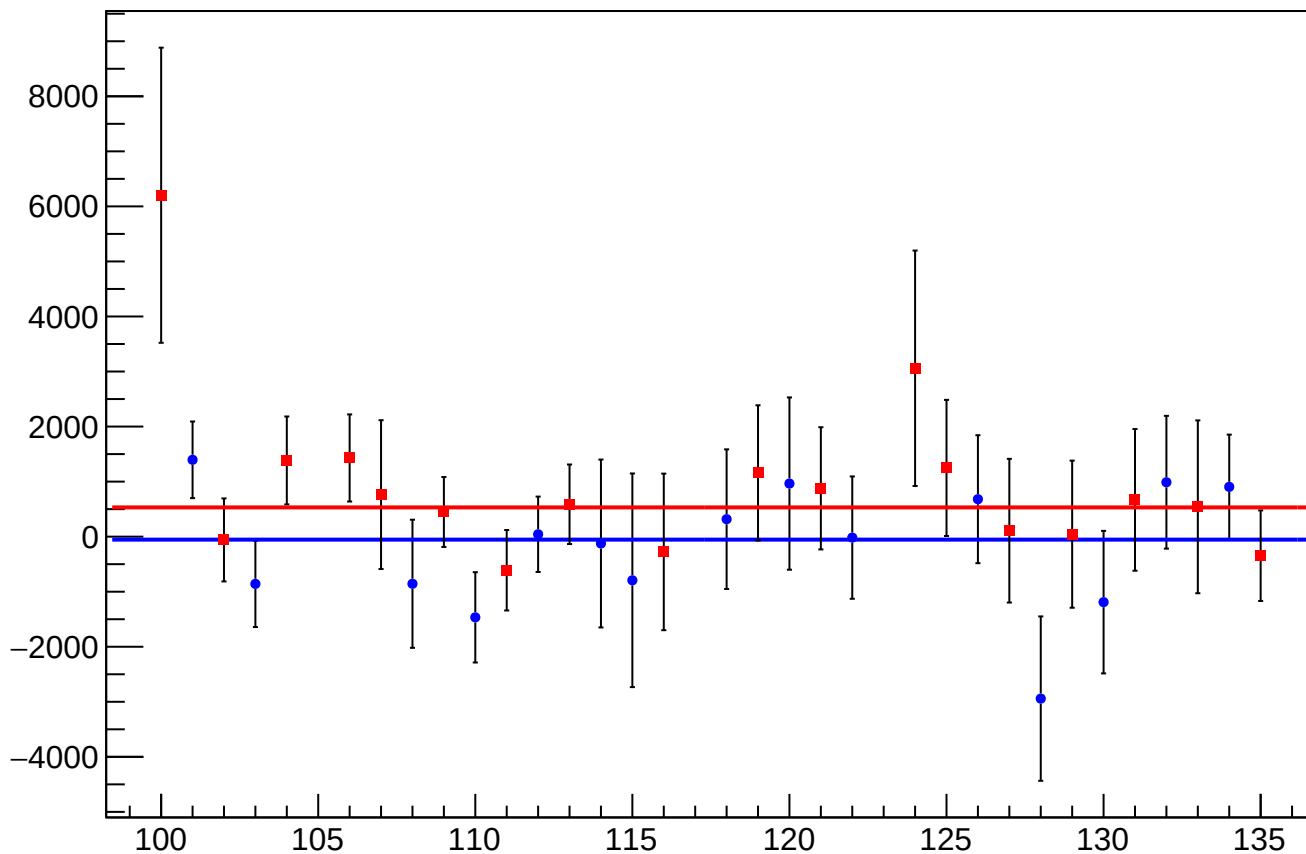
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.684 $\pm$ 0.013 χ^2 /NDF: 614474.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_correction_mean vs Slug



Right In: -53.852 ± 265.666 χ^2/NDF : 16.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 531.530 ± 233.430 χ^2/NDF : 13.8/17

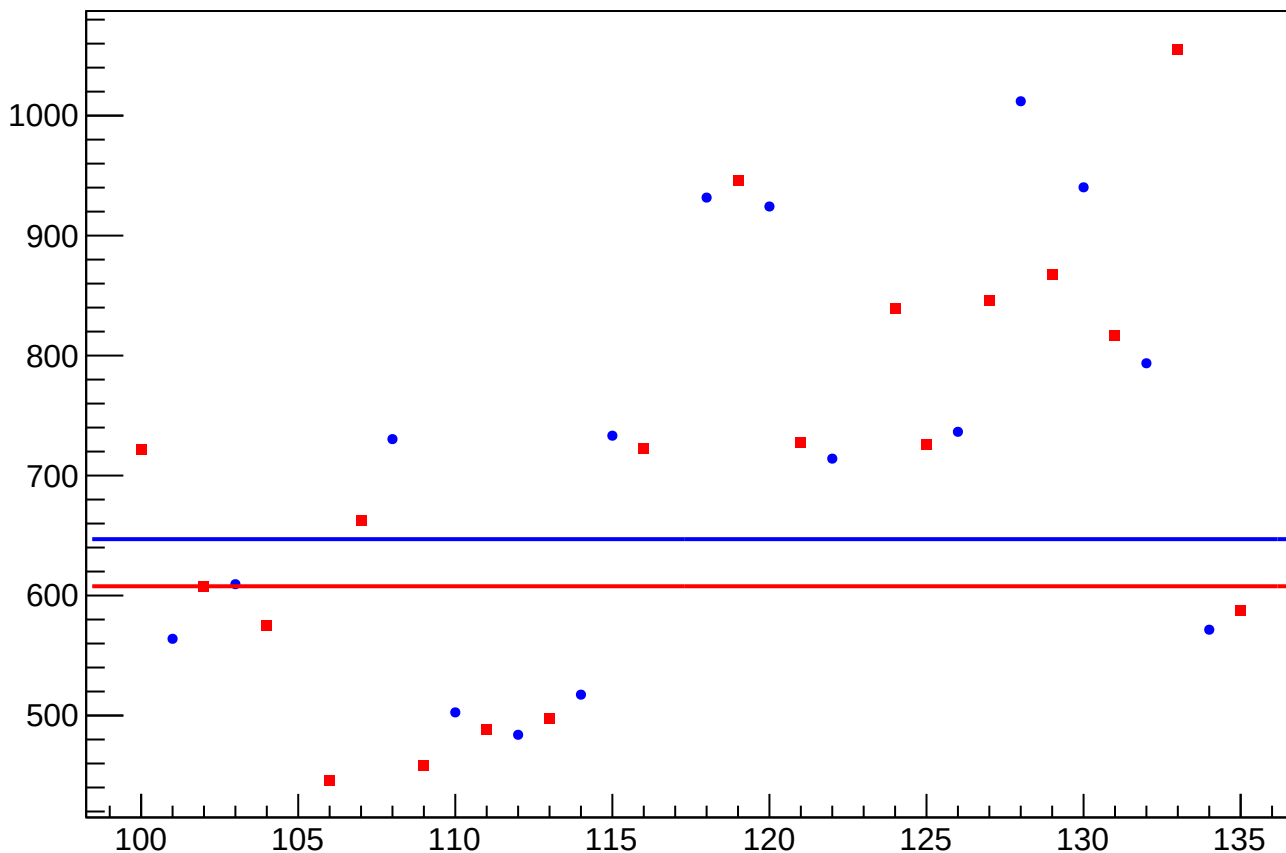
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 276.492 ± 175.355 χ^2/NDF : 32.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_correction_rms vs Slug



Right In: 646.994+/-0.188 χ^2/NDF : 684105.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 607.731+/-0.165 χ^2/NDF : 892886.8/17

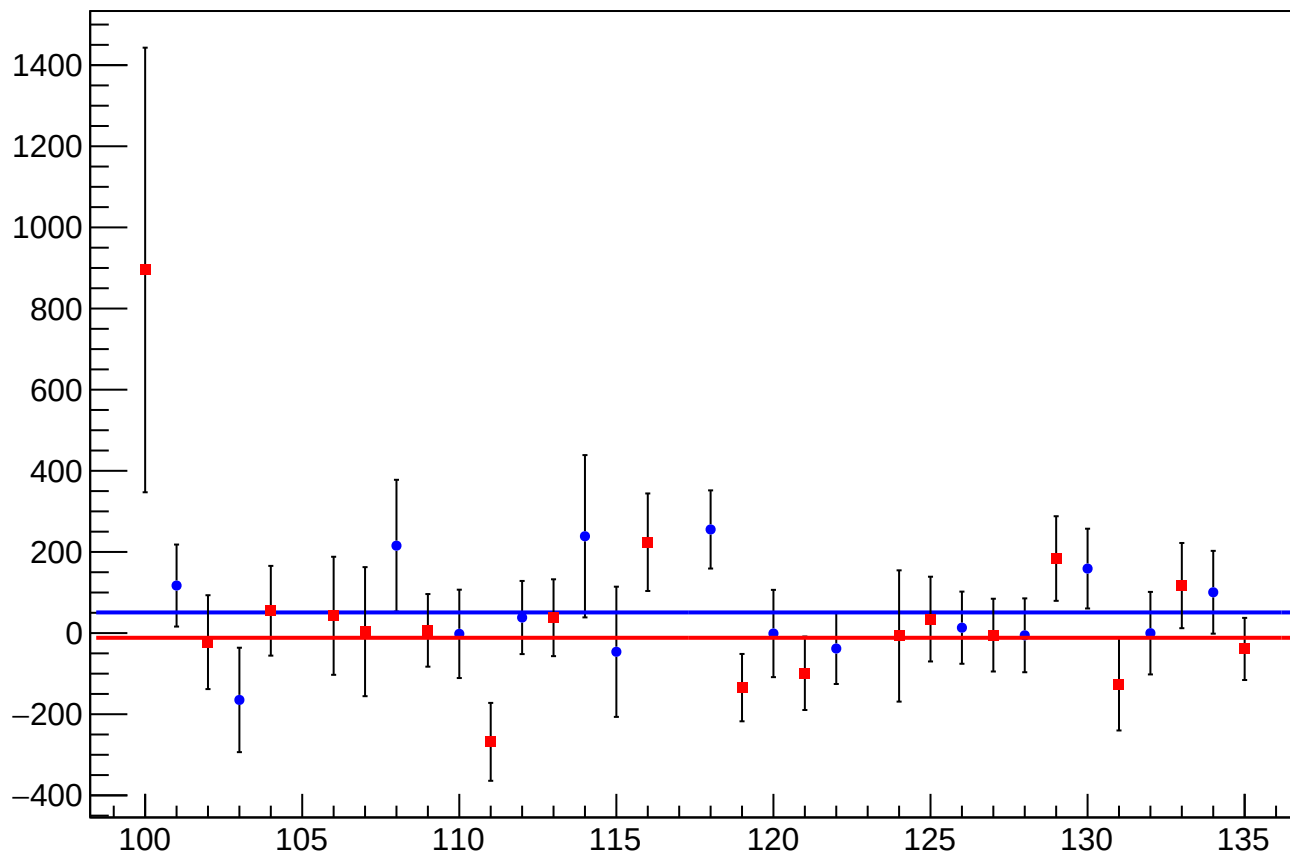
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 624.837+/-0.124 χ^2/NDF : 1601644.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_48_dd_mean vs Slug



Right In: 50.904 $\pm$ 27.364 χ^2 /NDF: 13.8/14

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

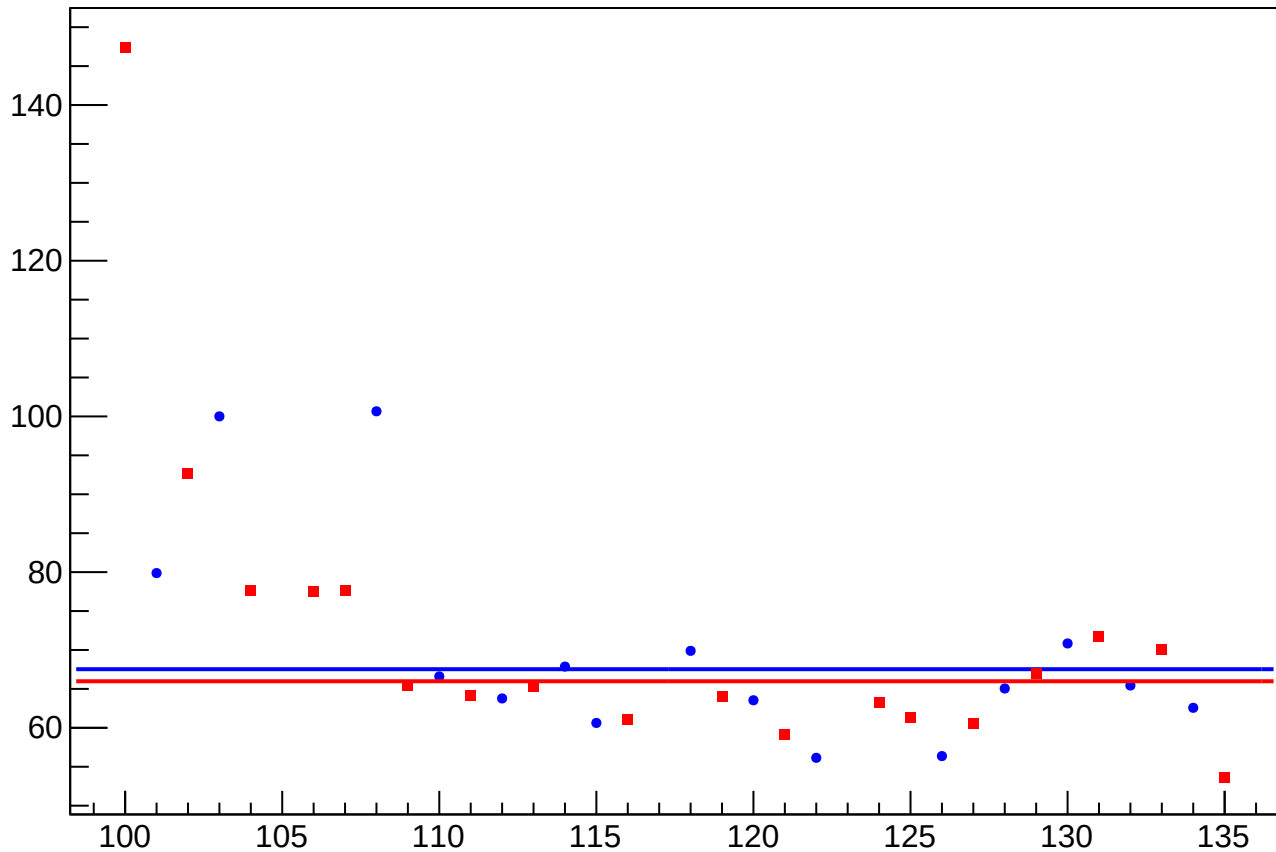
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.725 $\pm$ 18.421 χ^2 /NDF: 40.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_48_dd_rms vs Slug



Right In: 67.530 $\pm$ 0.019 χ^2 /NDF: 326351.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 65.982 $\pm$ 0.018 χ^2 /NDF: 284635.6/17

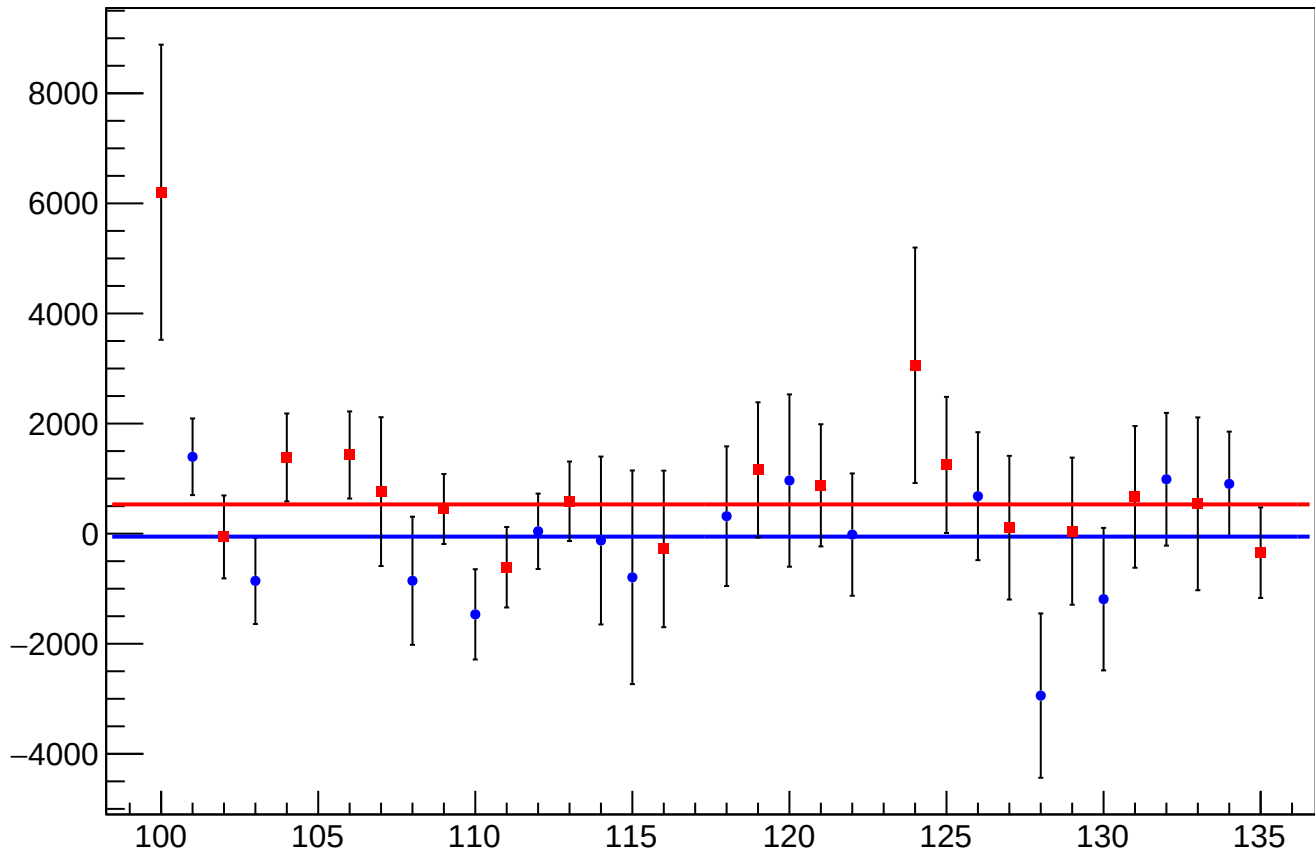
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.683 $\pm$ 0.013 χ^2 /NDF: 614484.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_mean vs Slug



Right In: -53.852 $\pm$ 265.666 χ^2 /NDF: 16.2/14

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

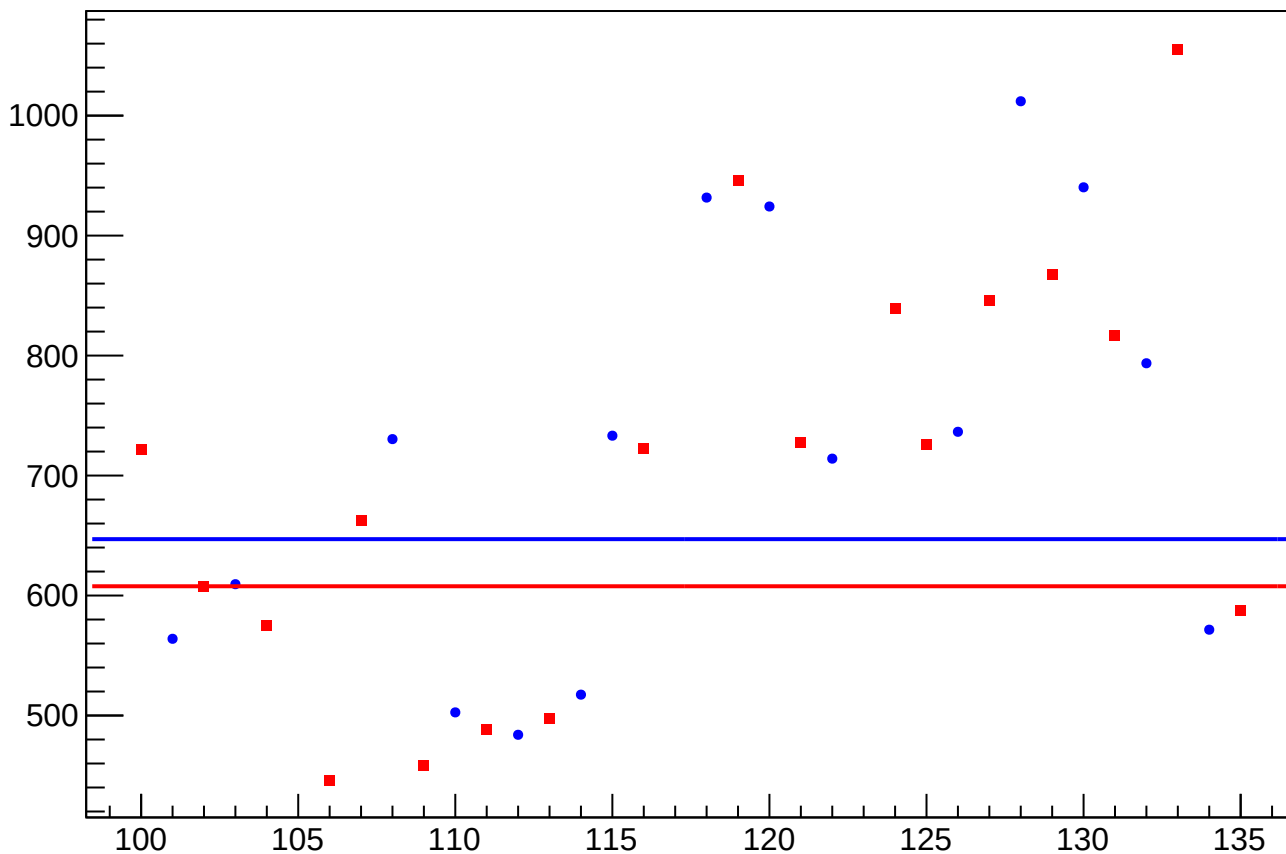
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 276.492 $\pm$ 175.355 χ^2 /NDF: 32.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_correction_rms vs Slug



Right In: 646.994 $\pm$ 0.188 χ^2 /NDF: 684108.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

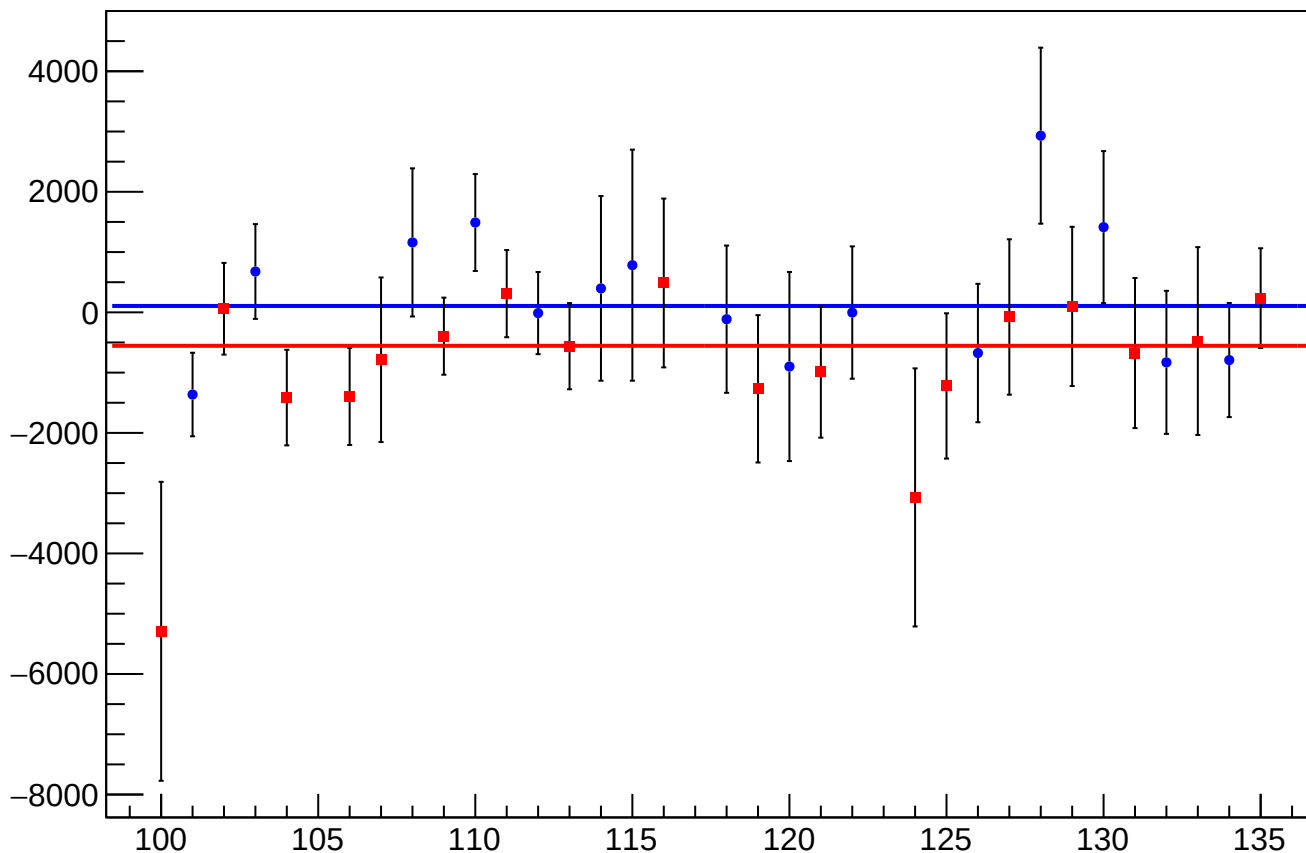
Right Out: 607.730 $\pm$ 0.165 χ^2 /NDF: 892888.9/17

All: 624.837 $\pm$ 0.124 χ^2 /NDF: 1601649.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_mean vs Slug



Right In: 105.985 $\pm$ 264.013 χ^2 /NDF: 16.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -555.116 $\pm$ 232.582 χ^2 /NDF: 12.1/17

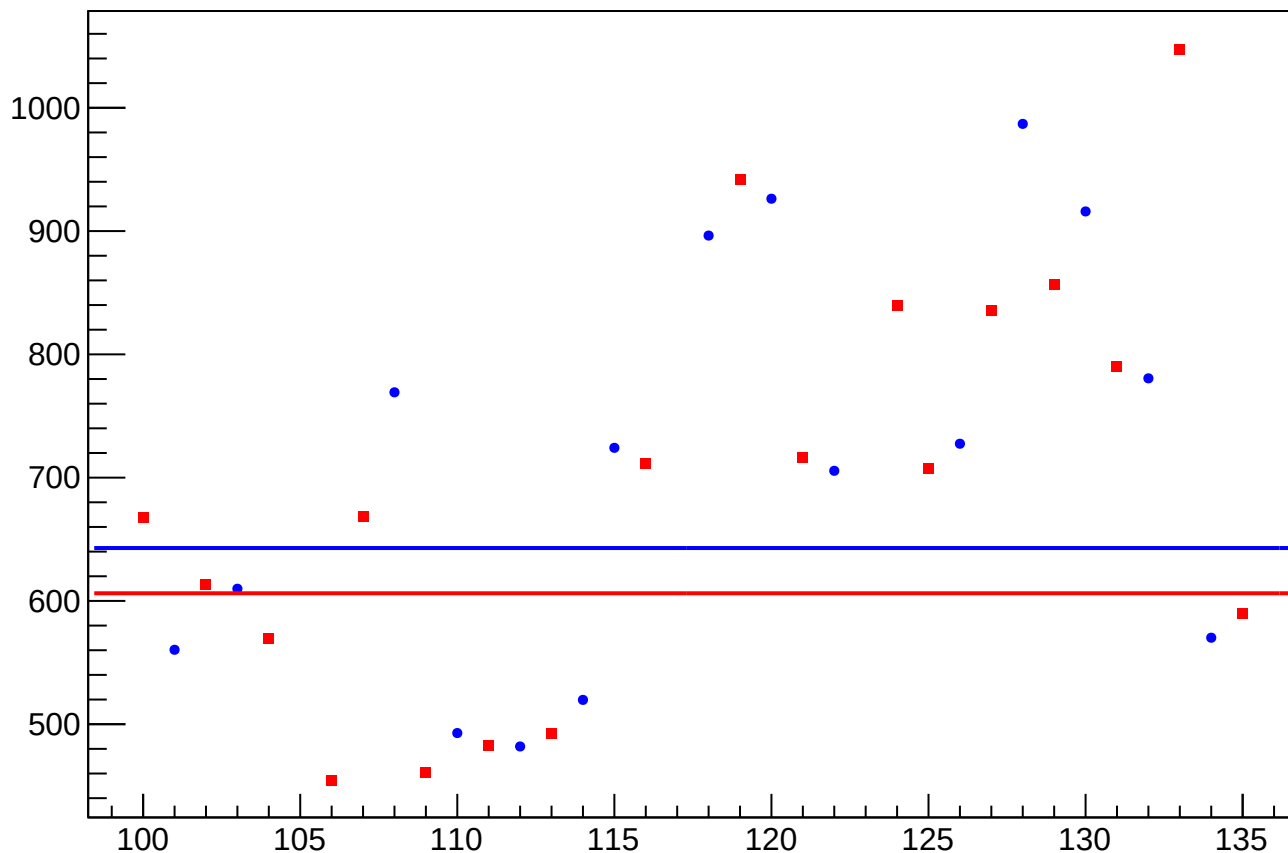
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -266.243 $\pm$ 174.520 χ^2 /NDF: 31.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_rms vs Slug



Right In: 642.906 ± 0.187 $\chi^2/\text{NDF}: 662926.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

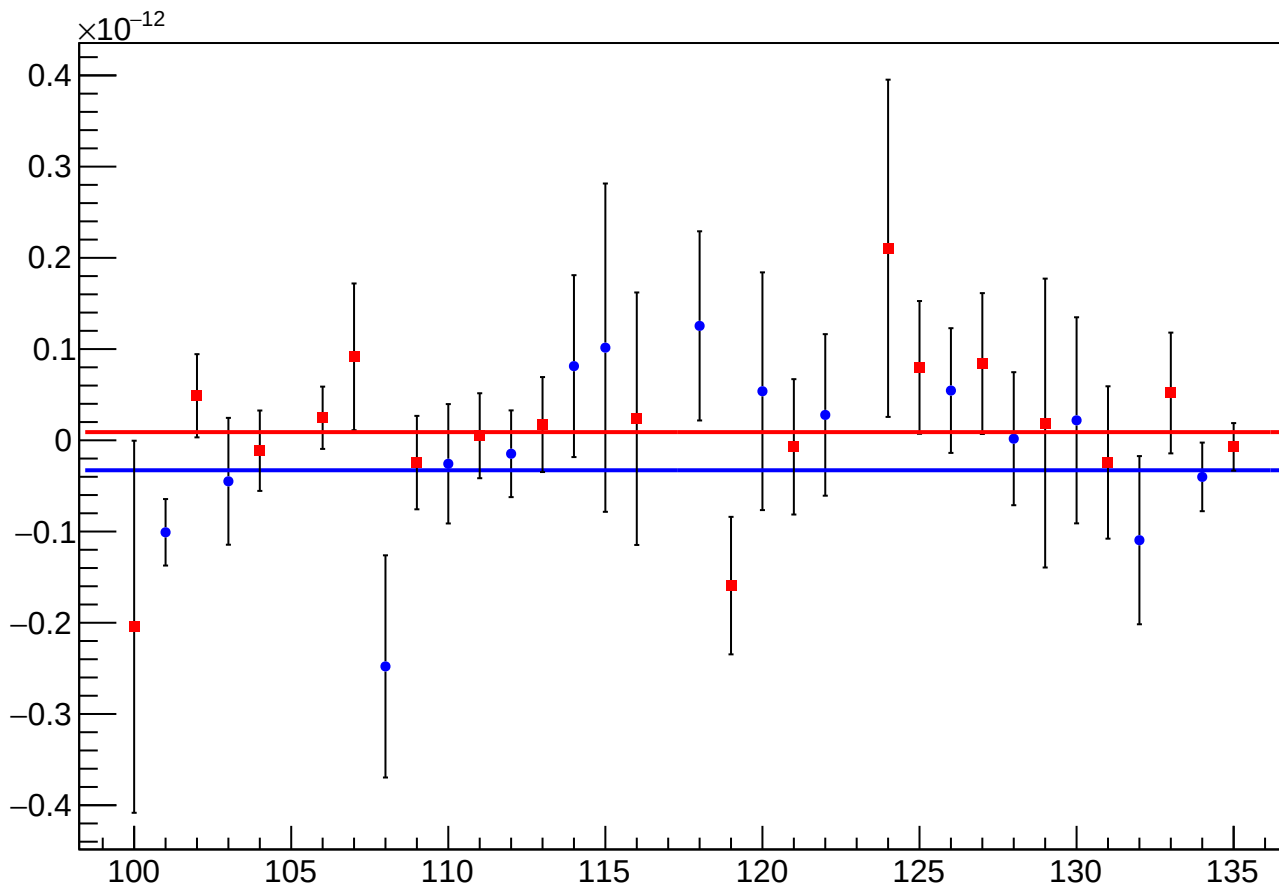
Right Out: 606.198 ± 0.164 $\chi^2/\text{NDF}: 853195.9/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 622.238 ± 0.123 $\chi^2/\text{NDF}: 1537892.3/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 ± 0.000 χ^2/NDF : 14.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.000 ± 0.000 χ^2/NDF : 12.9/17

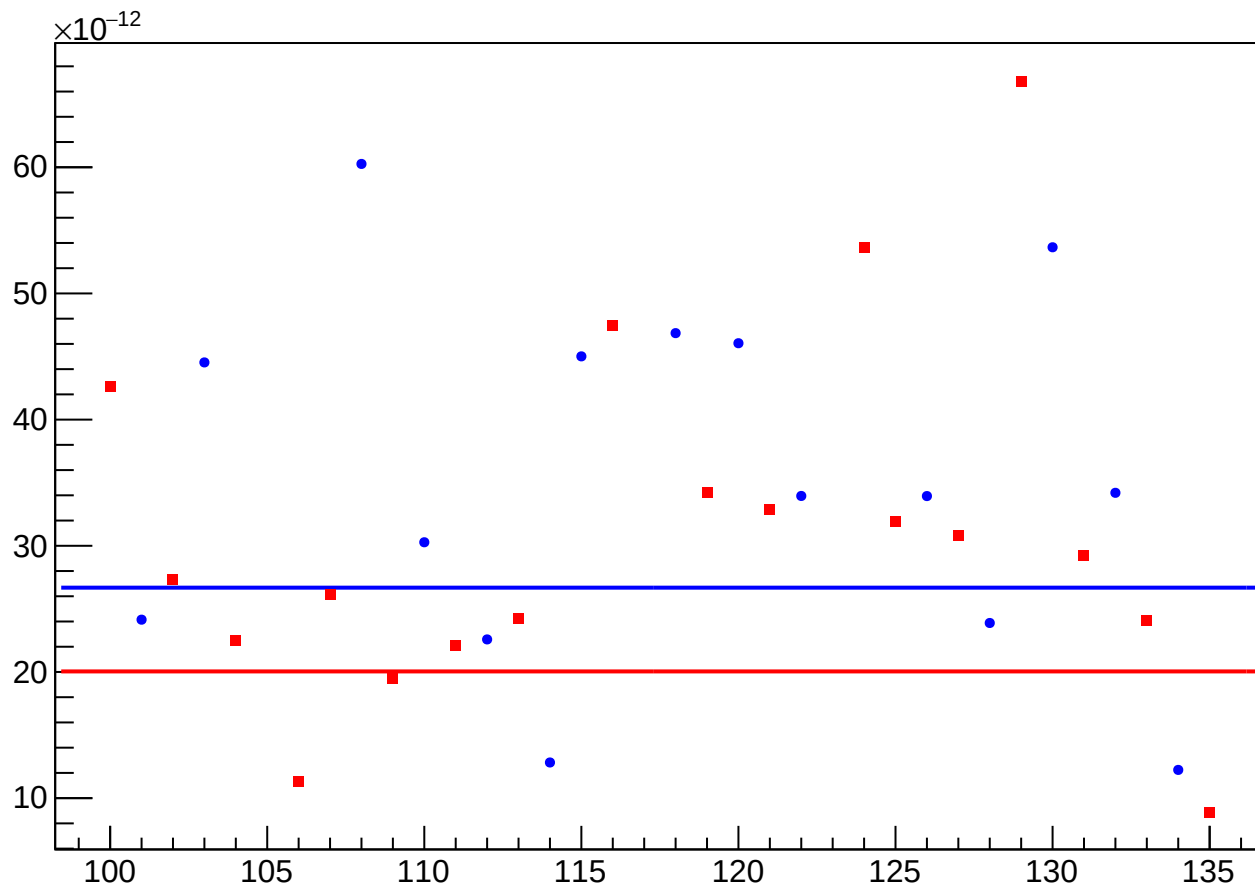
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 31.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 955328.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1182845.7/17

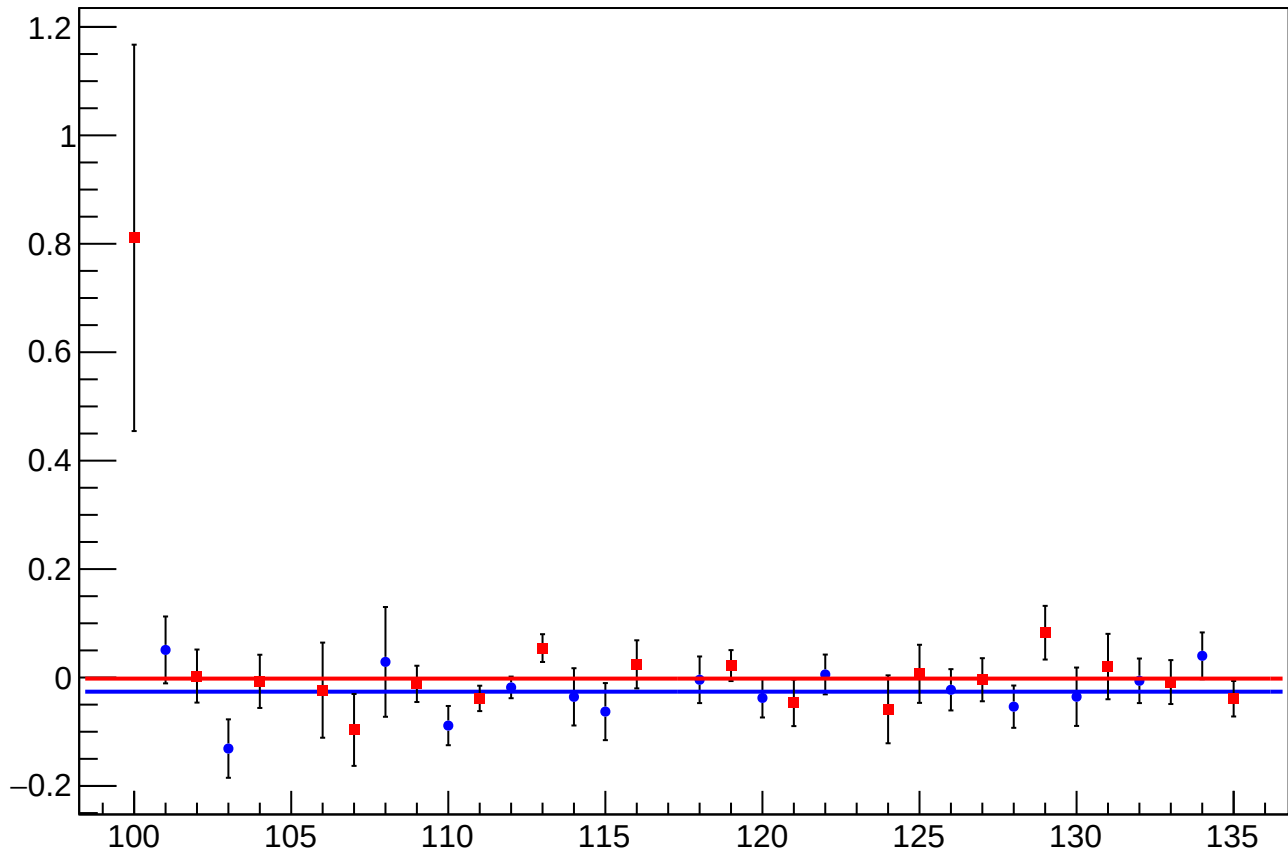
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

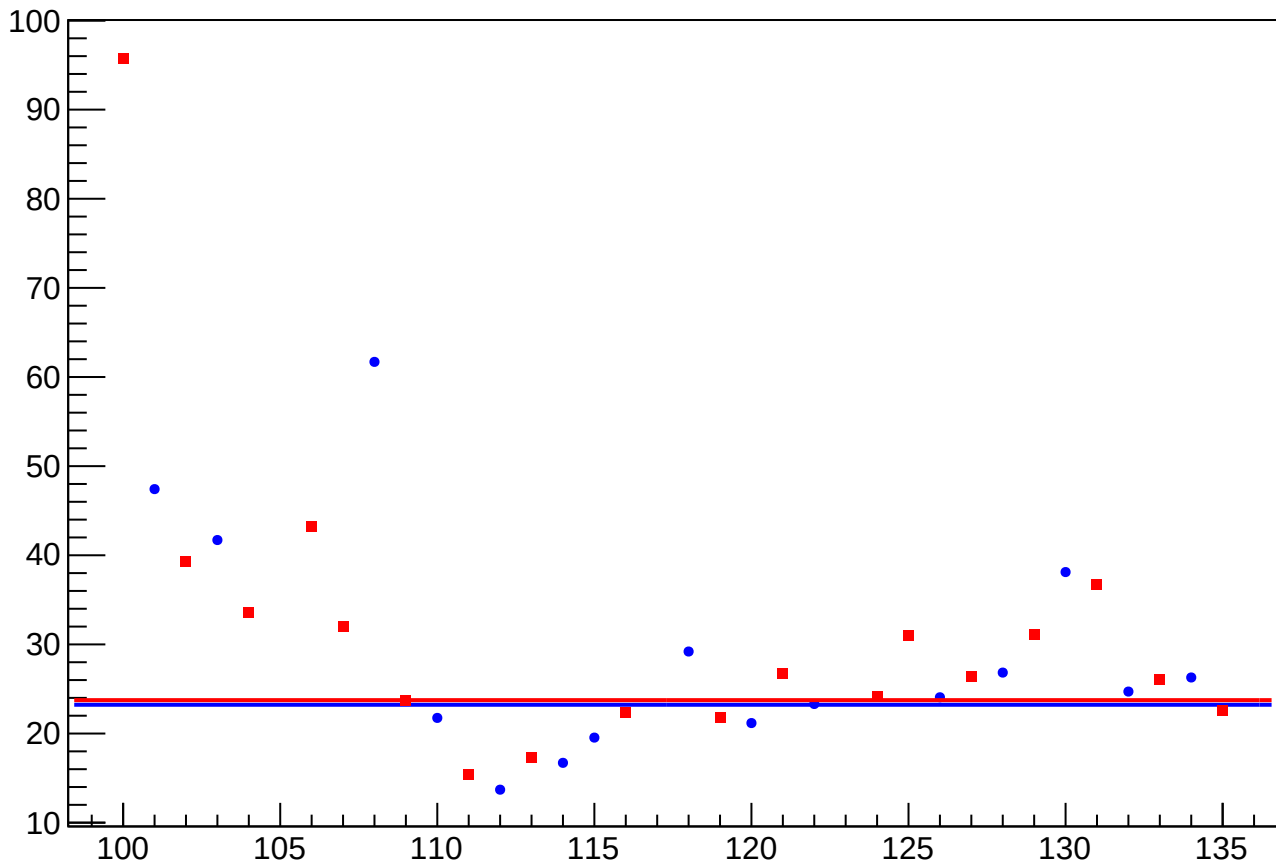
All: 0.000+/-0.000 χ^2/NDF : 2329239.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_cor_diff_mean vs Slug



asym_sam_15_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.230+/-0.007 χ^2/NDF : 1561142.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.747+/-0.007 χ^2/NDF : 1087179.2/17

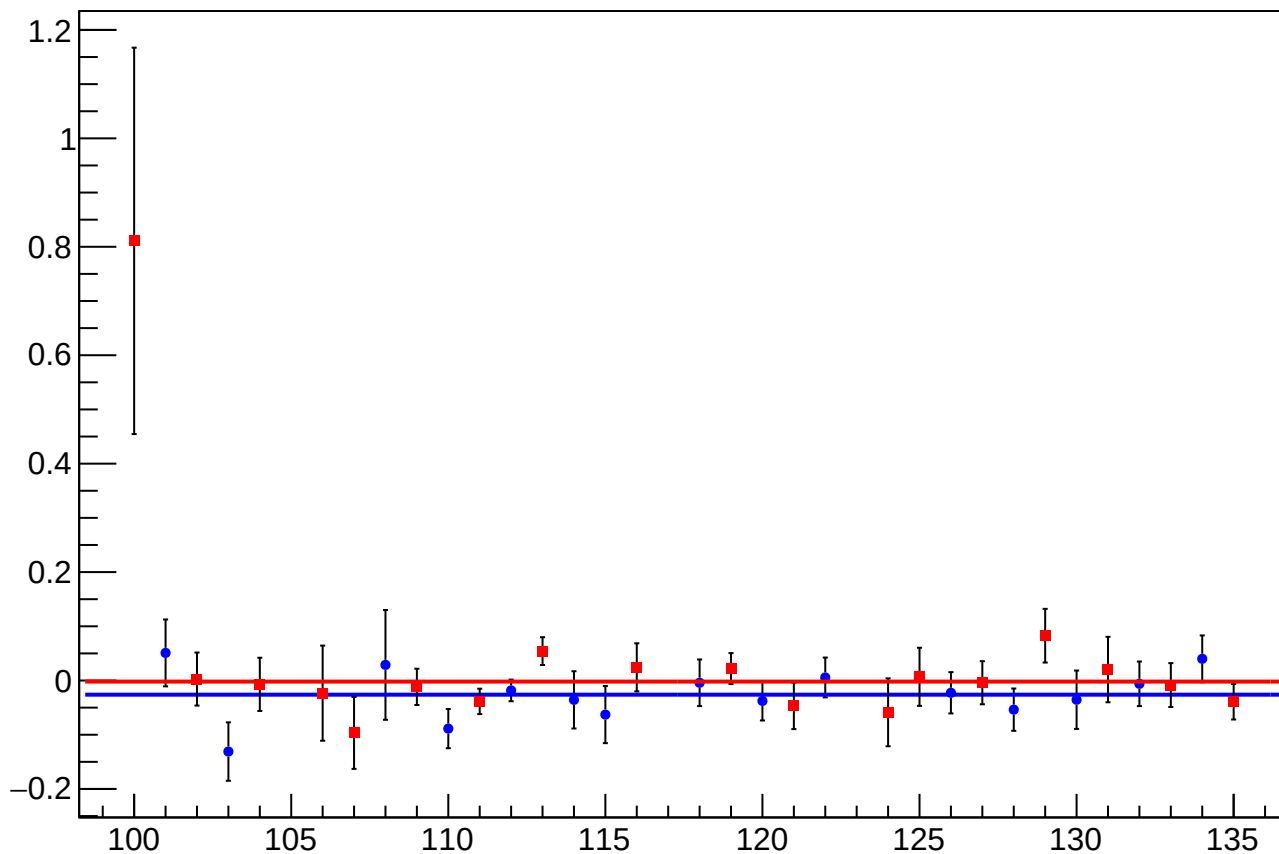
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.509+/-0.005 χ^2/NDF : 2651087.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.010 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.009 χ^2 /NDF: 22.0/17

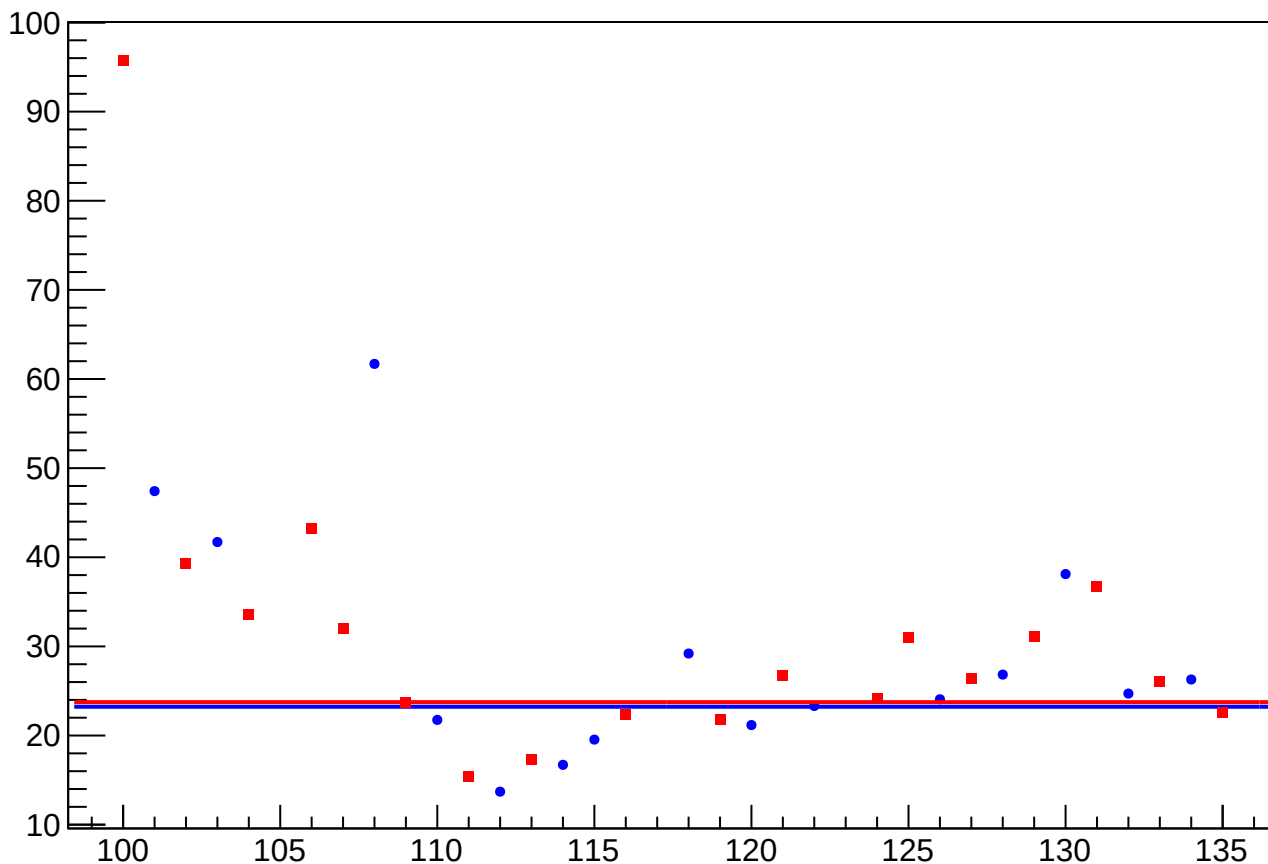
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.007 χ^2 /NDF: 38.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.230+/-0.007 χ^2/NDF : 1561142.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.747+/-0.007 χ^2/NDF : 1087179.2/17

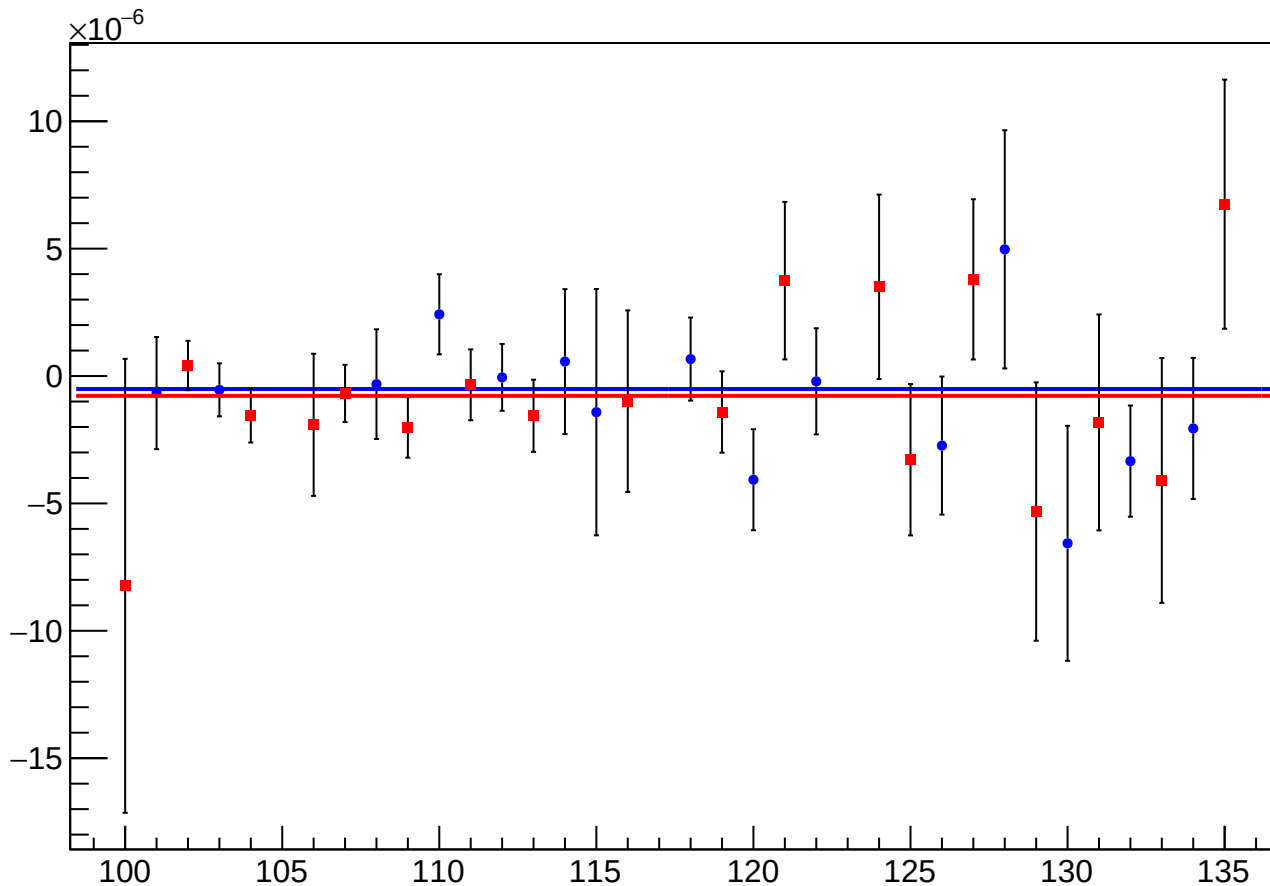
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.509+/-0.005 χ^2/NDF : 2651087.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.7/17

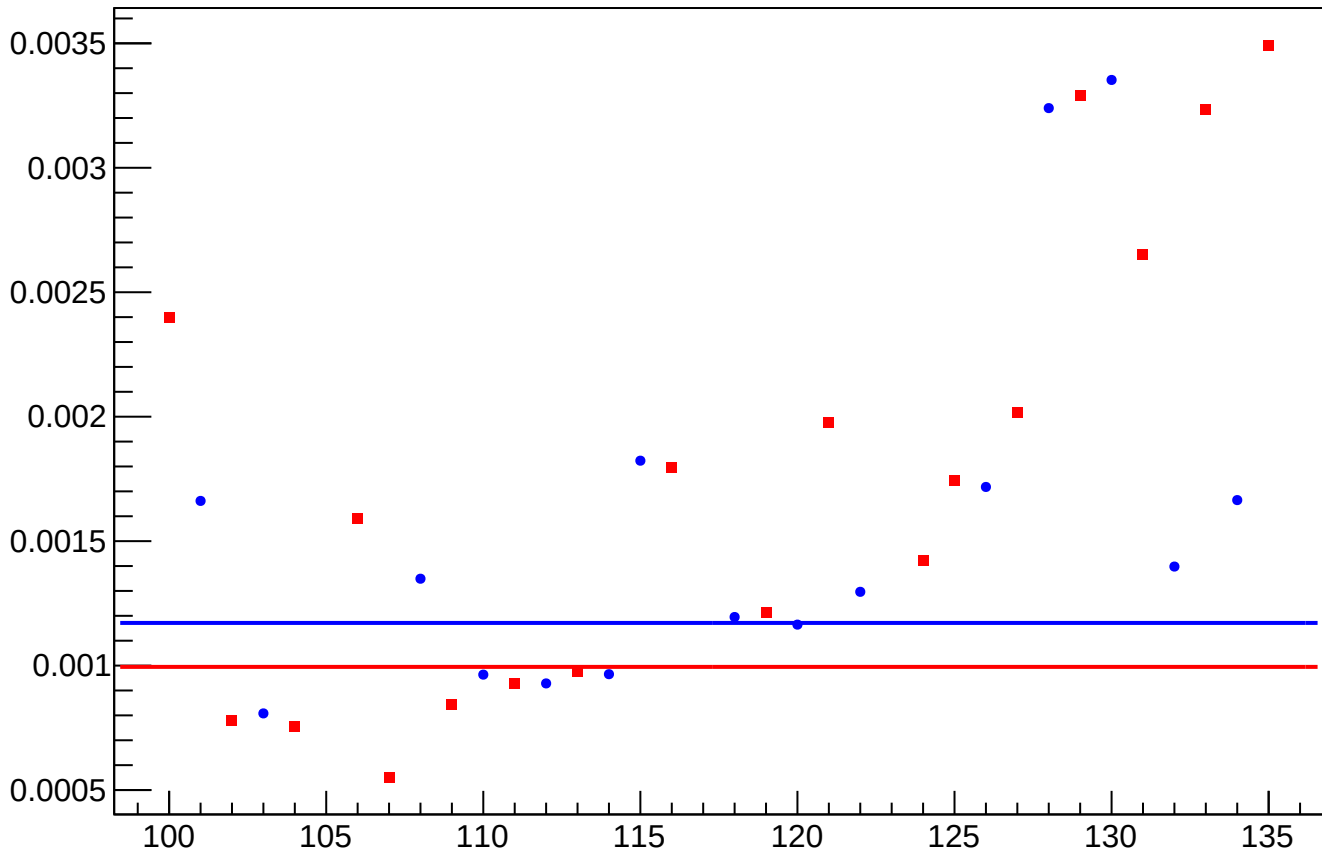
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 1520569.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

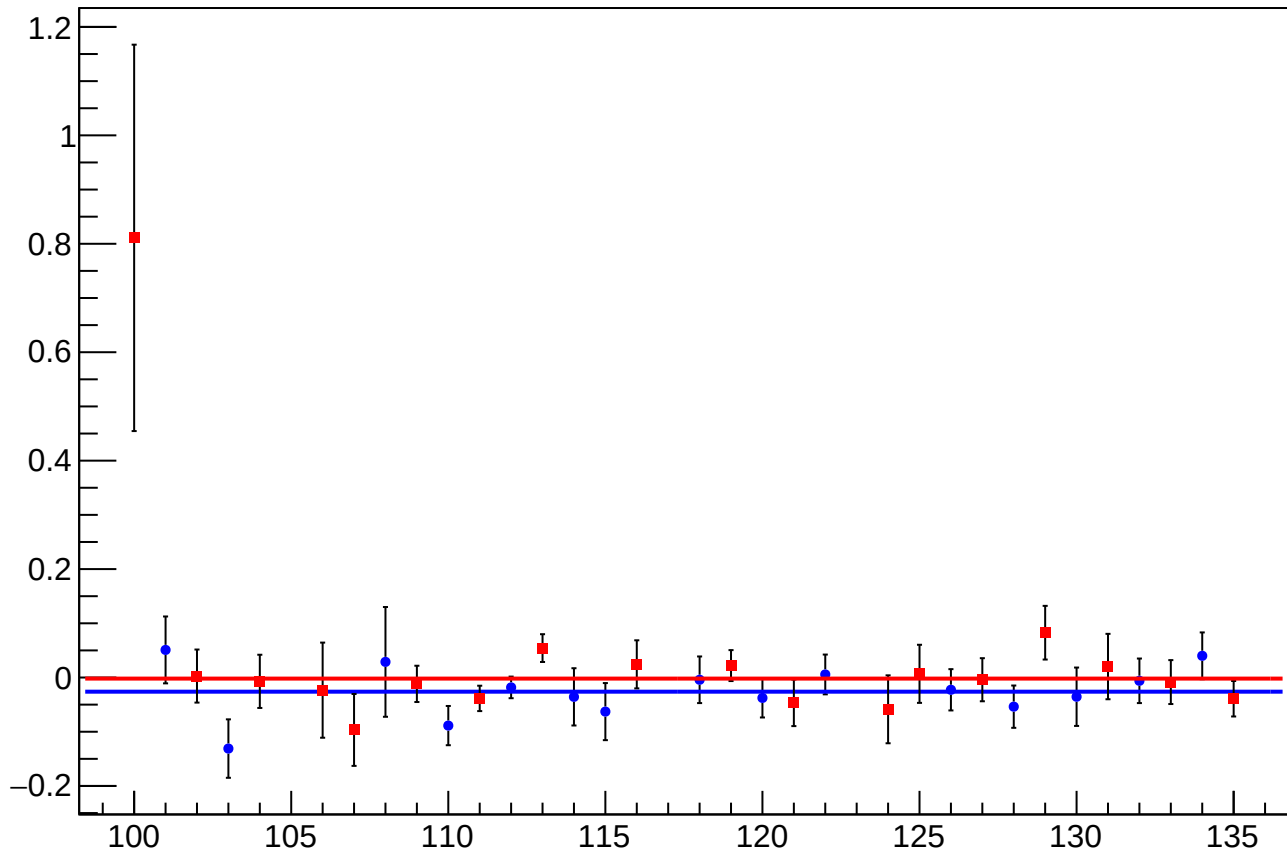
Right Out: 0.001+/-0.000 χ^2/NDF : 3073726.4/17

All: 0.001+/-0.000 χ^2/NDF : 4739182.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.026 ± 0.010 χ^2/NDF : 13.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.002 ± 0.009 χ^2/NDF : 22.0/17

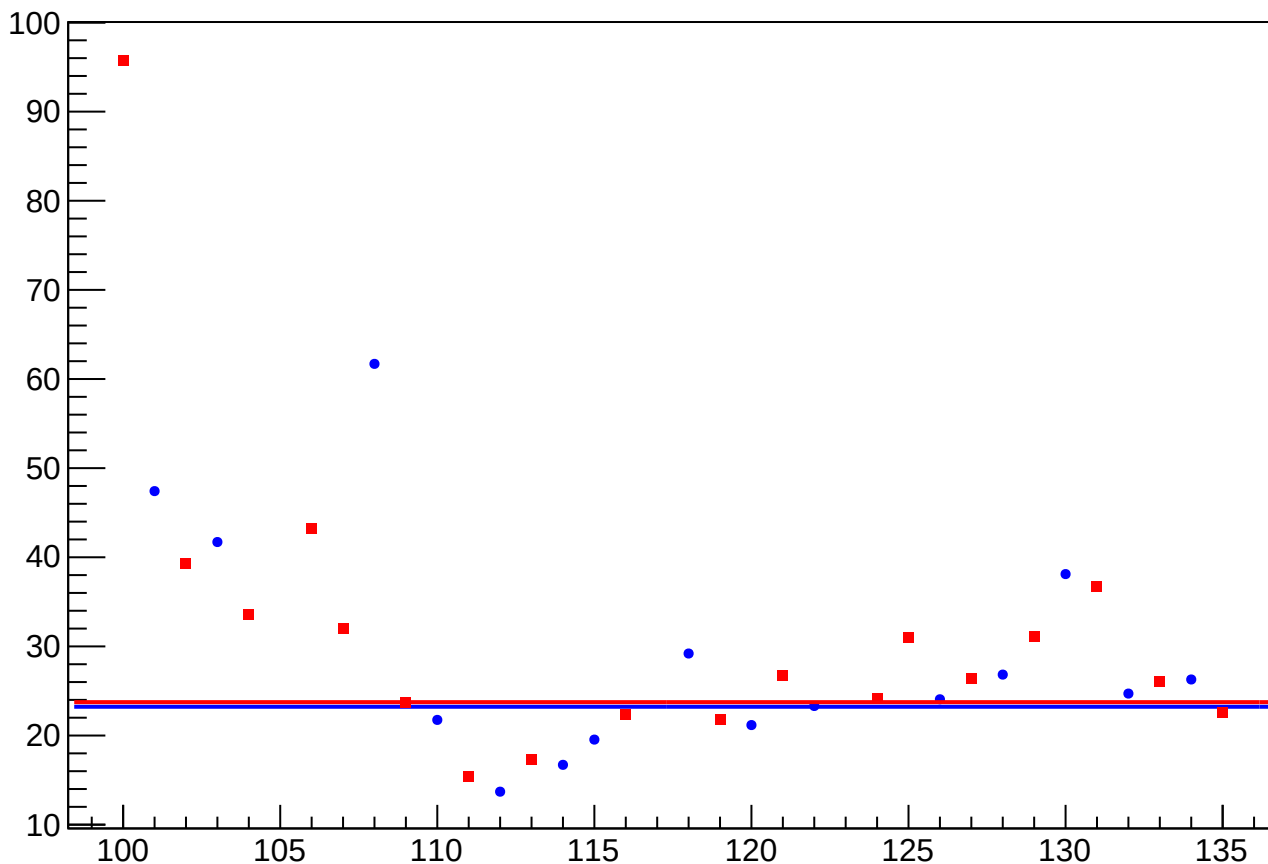
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.013 ± 0.007 χ^2/NDF : 38.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.229 $\pm$ 0.007 χ^2 /NDF: 1561161.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.747 $\pm$ 0.007 χ^2 /NDF: 1087218.6/17

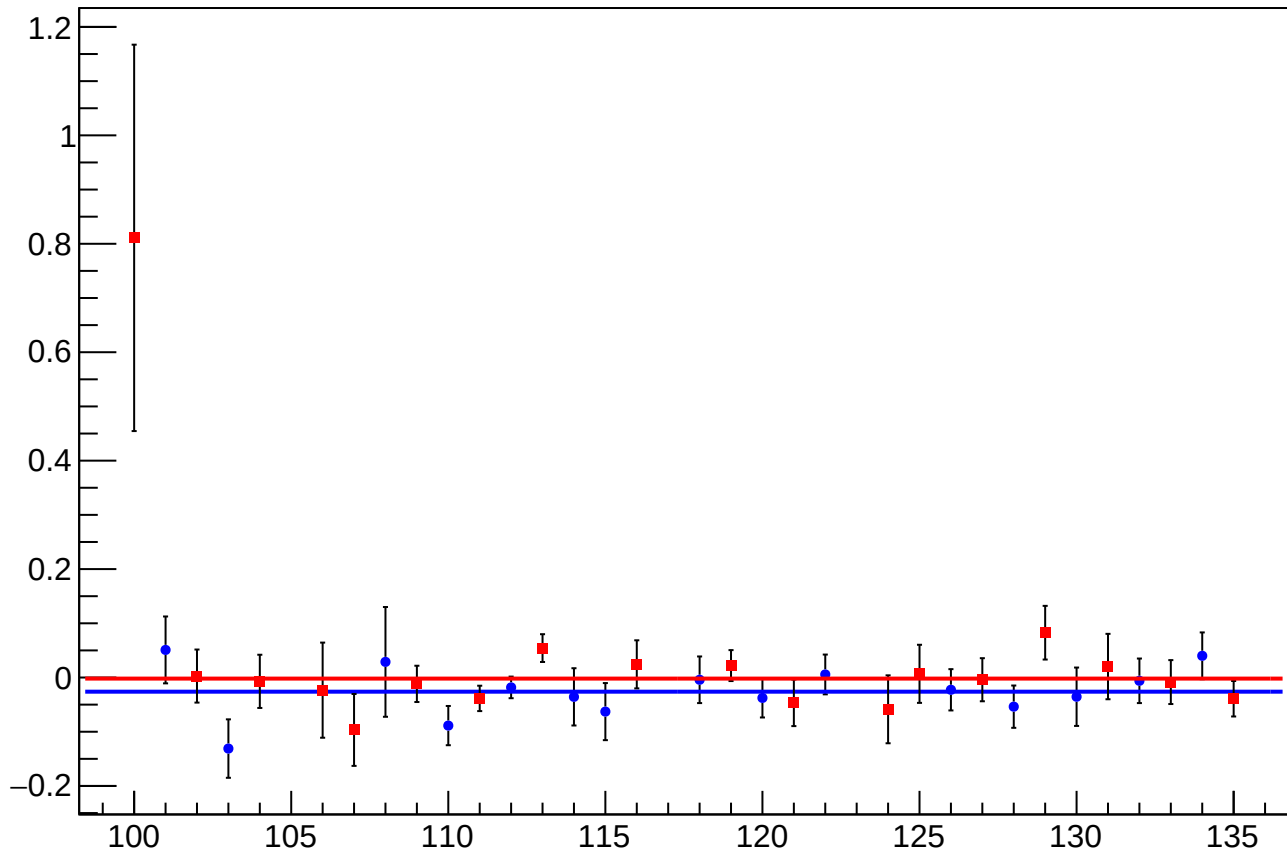
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.508 $\pm$ 0.005 χ^2 /NDF: 2651146.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.026 $\pm$ 0.010 χ^2 /NDF: 13.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.002 $\pm$ 0.009 χ^2 /NDF: 22.0/17

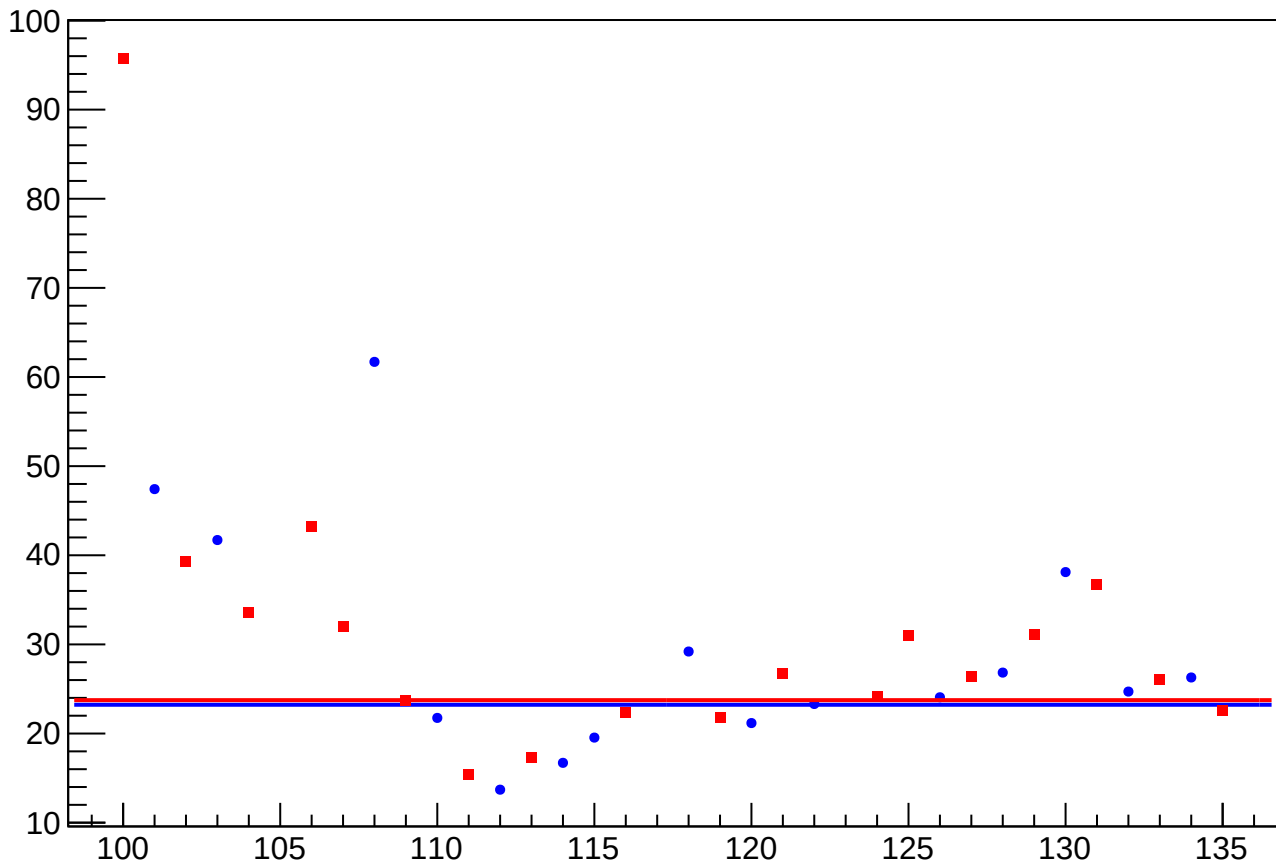
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.013 $\pm$ 0.007 χ^2 /NDF: 38.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.229 $\pm$ 0.007 χ^2 /NDF: 1561161.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.747 $\pm$ 0.007 χ^2 /NDF: 1087218.6/17

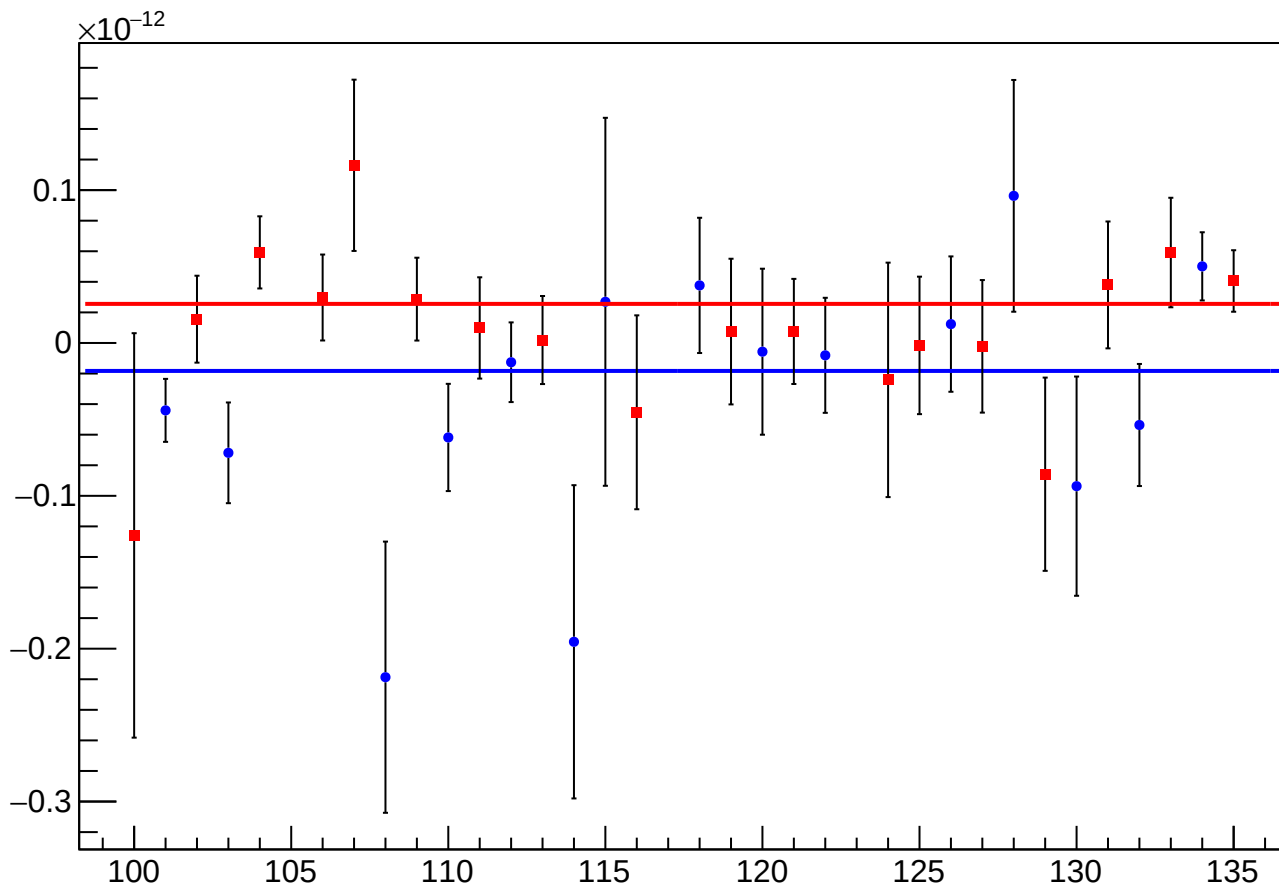
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.508 $\pm$ 0.005 χ^2 /NDF: 2651146.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 29.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 14.5/17

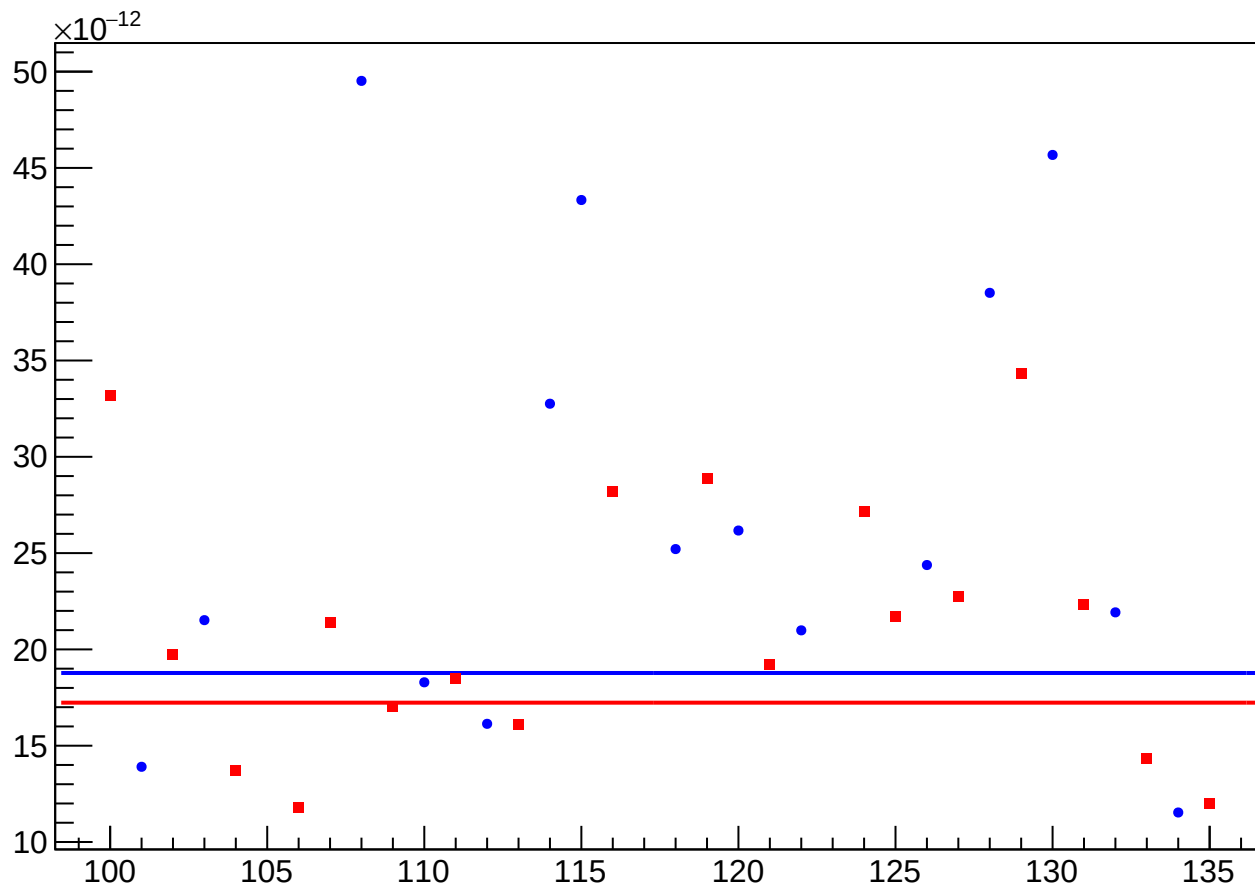
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 56.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1265978.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 777783.0/17

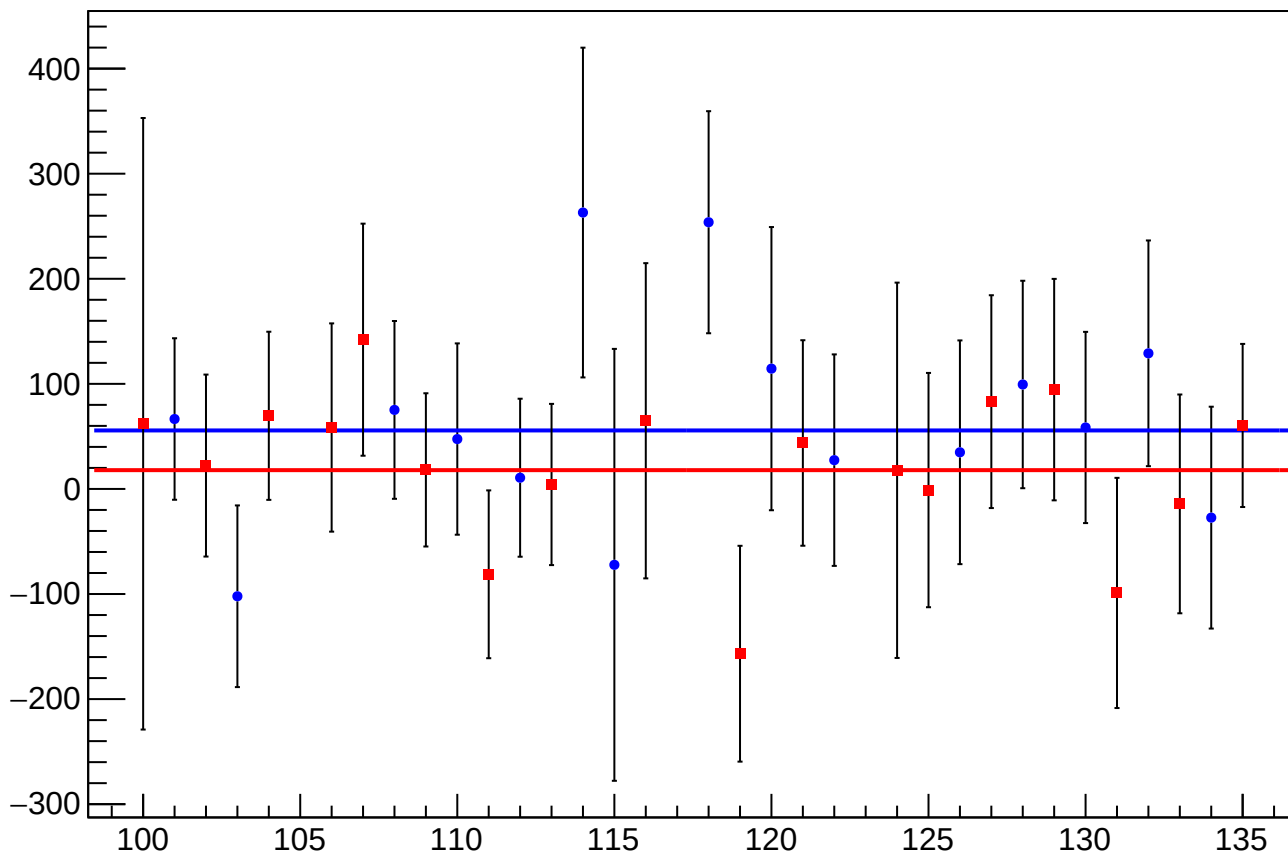
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2073768.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_mean vs Slug



Right In: 55.670 $\pm$ 25.514 χ^2 /NDF: 11.0/14

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

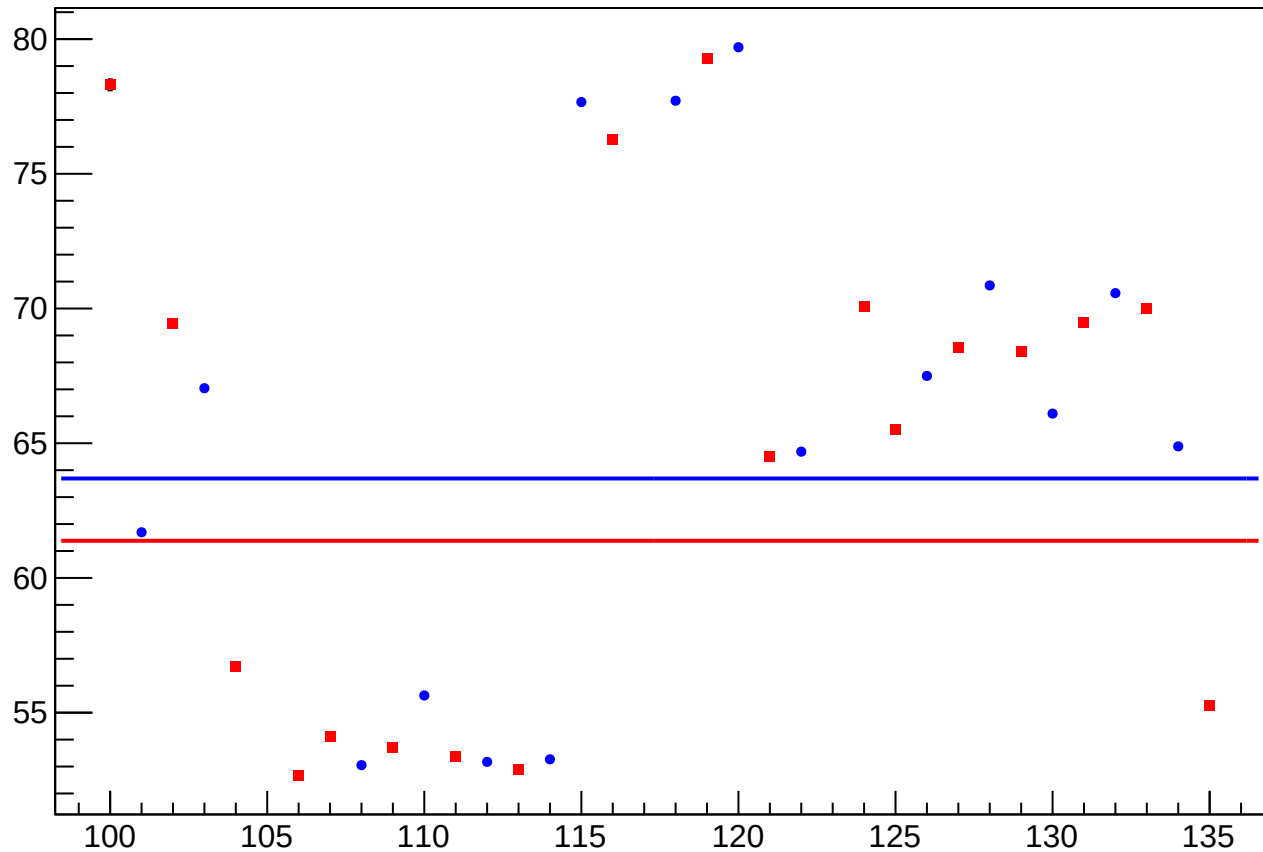
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.846 $\pm$ 17.097 χ^2 /NDF: 21.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_rms vs Slug



Right In: 63.692 ± 0.018 χ^2/NDF : 195447.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.379 ± 0.016 χ^2/NDF : 268013.0/17

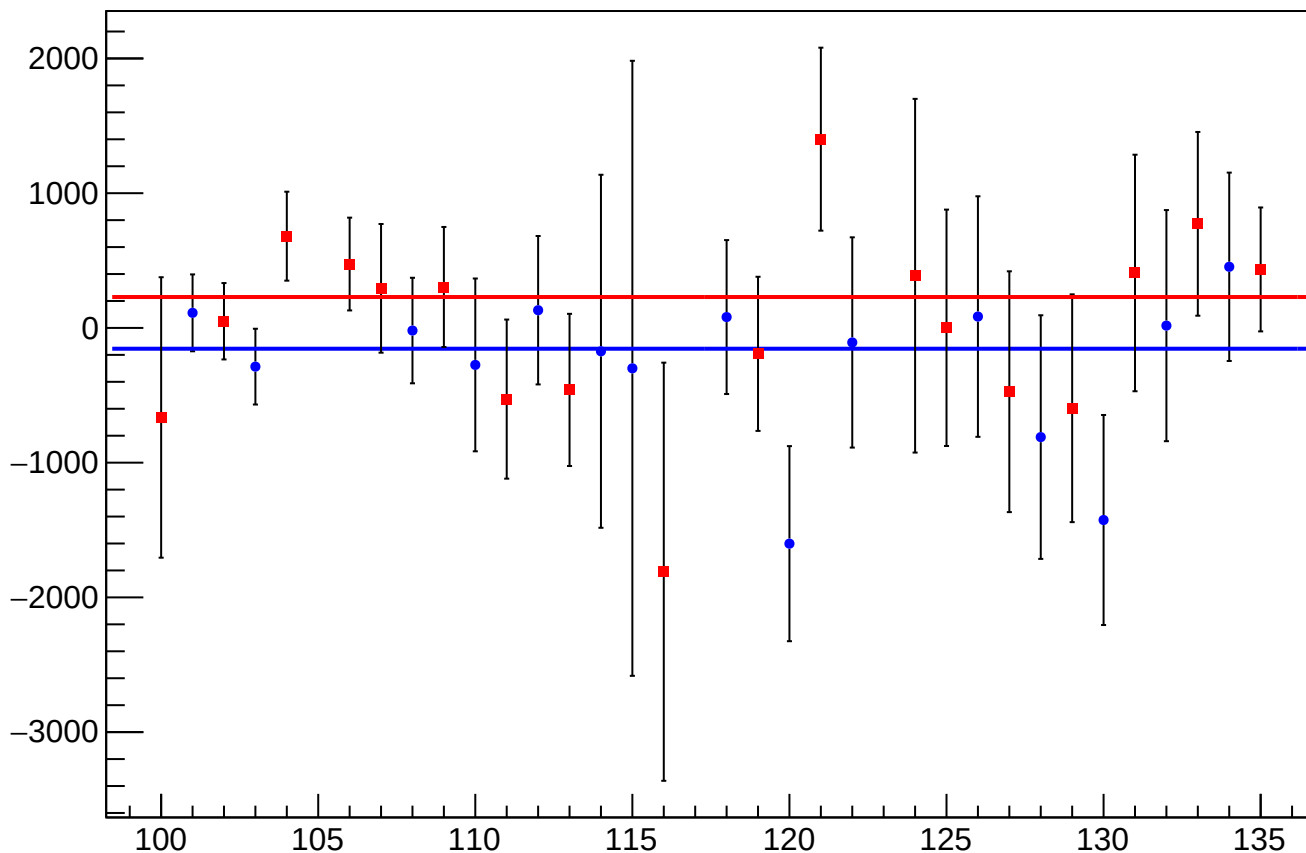
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.417 ± 0.012 χ^2/NDF : 472511.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_mean vs Slug



Right In: -154.379+/-138.542 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 229.394+/-124.266 χ^2/NDF : 14.5/17

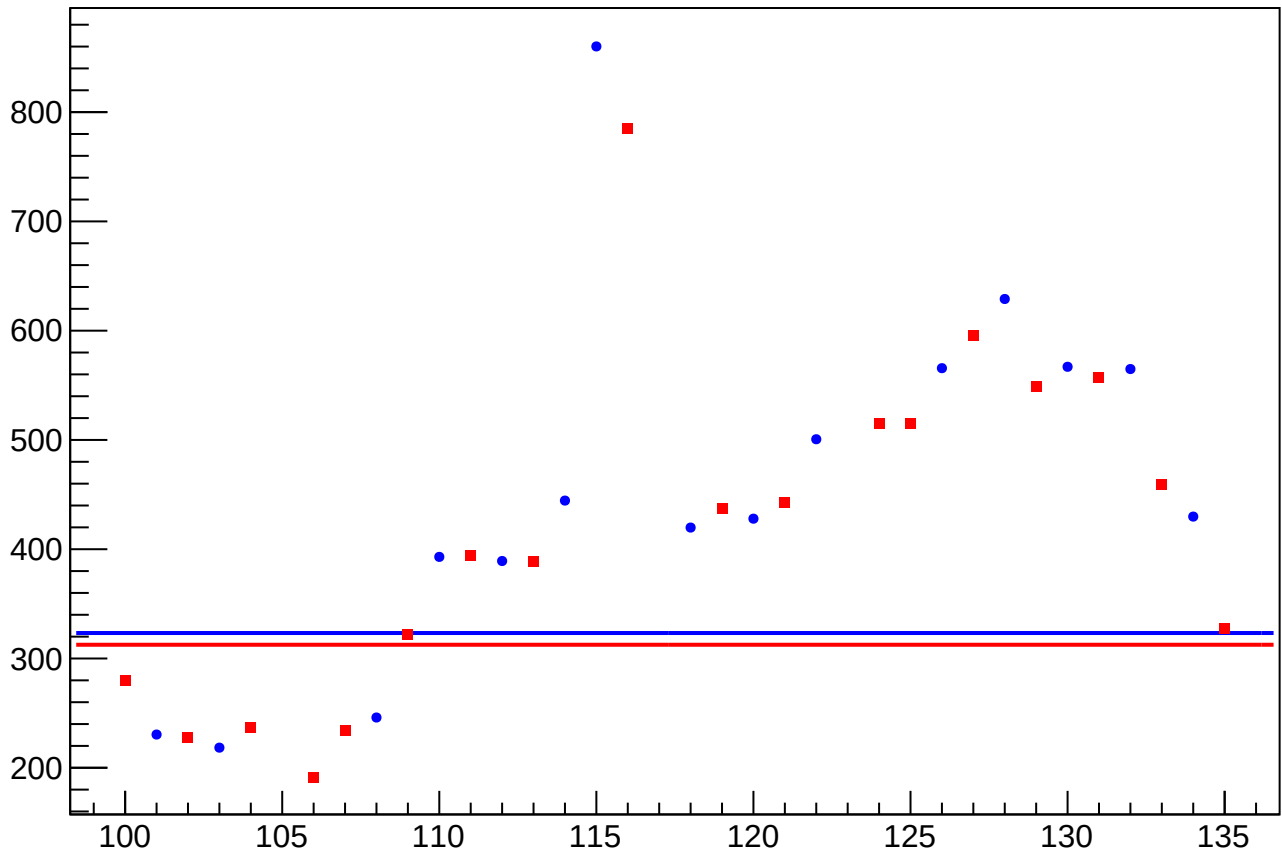
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.292+/-92.506 χ^2/NDF : 28.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_correction_rms vs Slug



Right In: 323.312+/-0.098 χ^2/NDF : 1727233.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

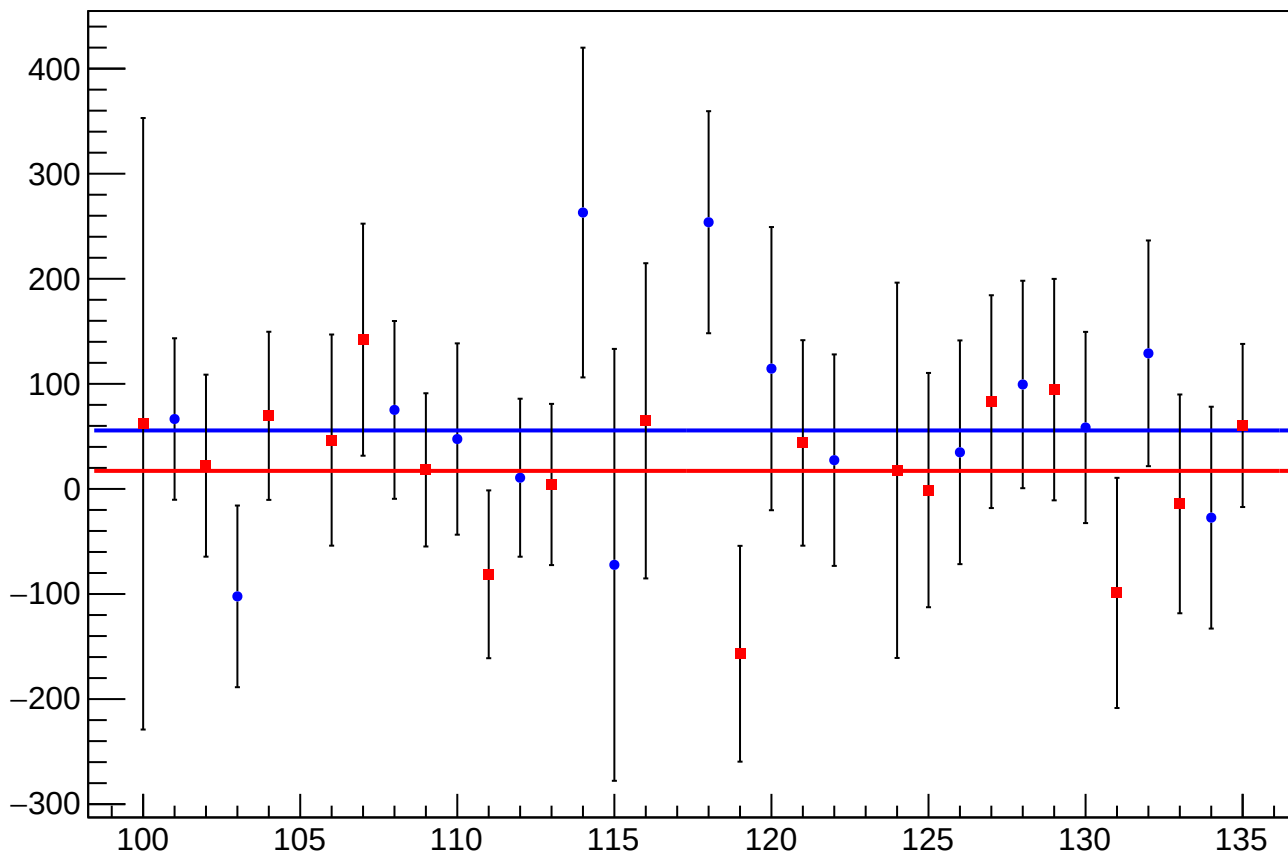
Right Out: 312.571+/-0.088 χ^2/NDF : 1780699.7/17

All: 317.360+/-0.065 χ^2/NDF : 3514594.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_37_48_dd_mean vs Slug



Right In: 55.664 $\pm$ 25.514 χ^2 /NDF: 11.0/14

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

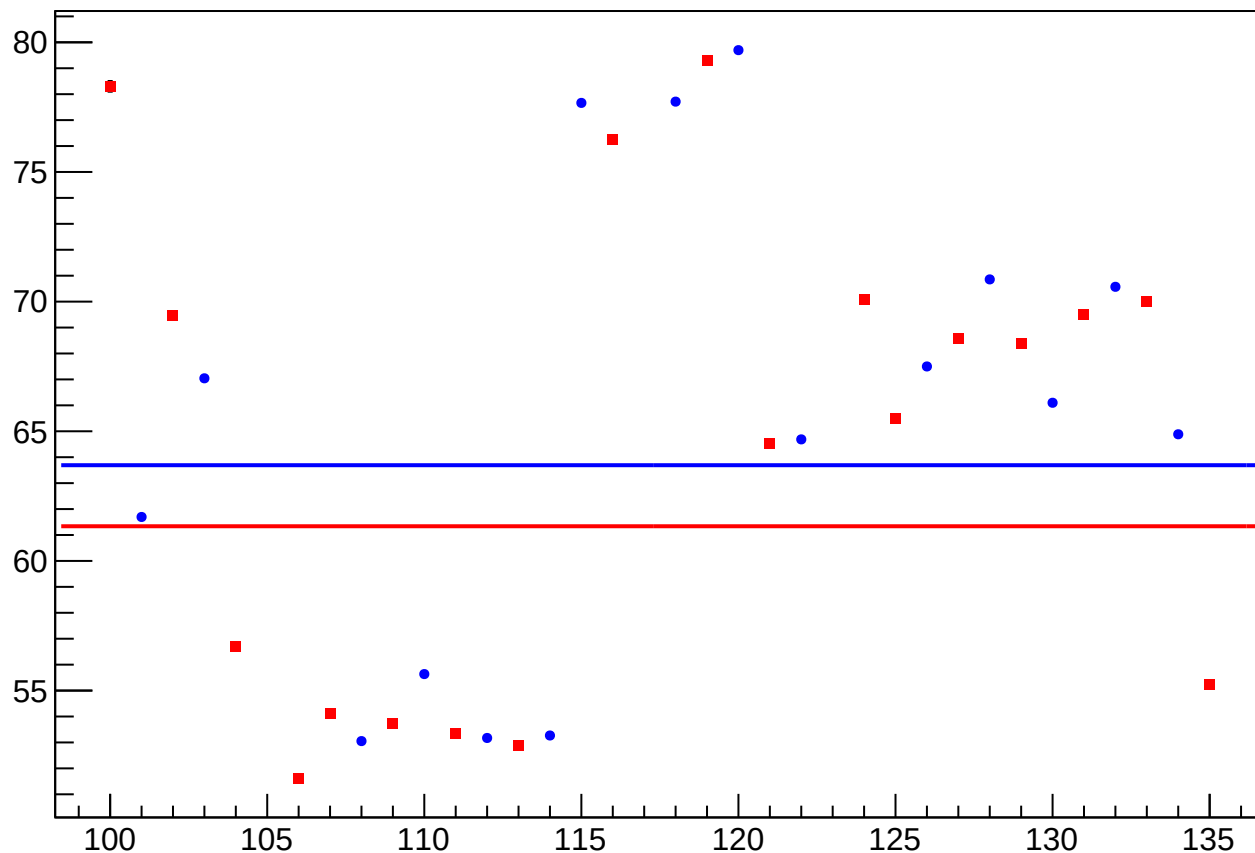
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.473 $\pm$ 17.104 χ^2 /NDF: 21.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.692 ± 0.018 $\chi^2/\text{NDF}: 195447.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 61.337 ± 0.016 $\chi^2/\text{NDF}: 271540.3/17$

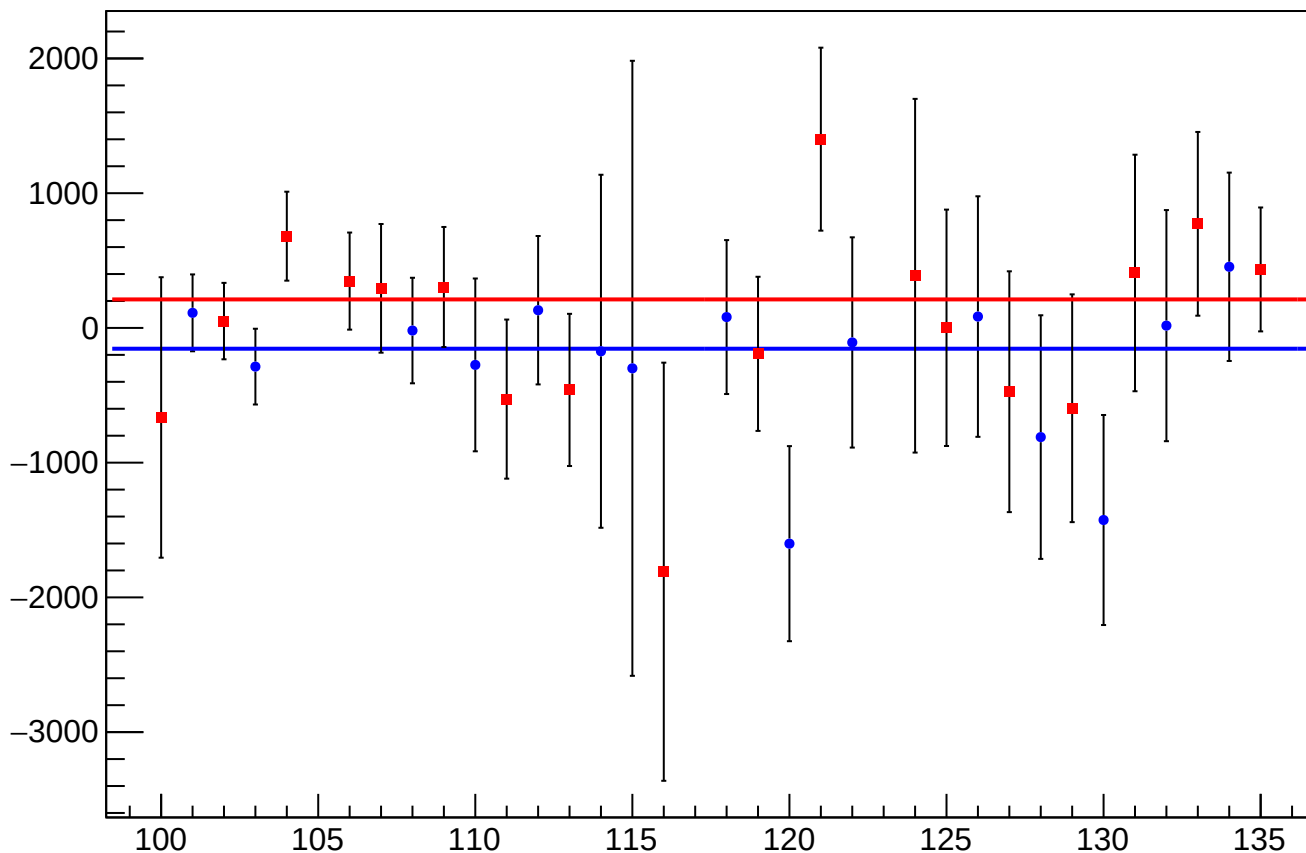
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 62.395 ± 0.012 $\chi^2/\text{NDF}: 476363.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_37_48_dd_cor_correction_mean vs Slug



Right In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.631+/-124.992 χ^2/NDF : 14.1/17

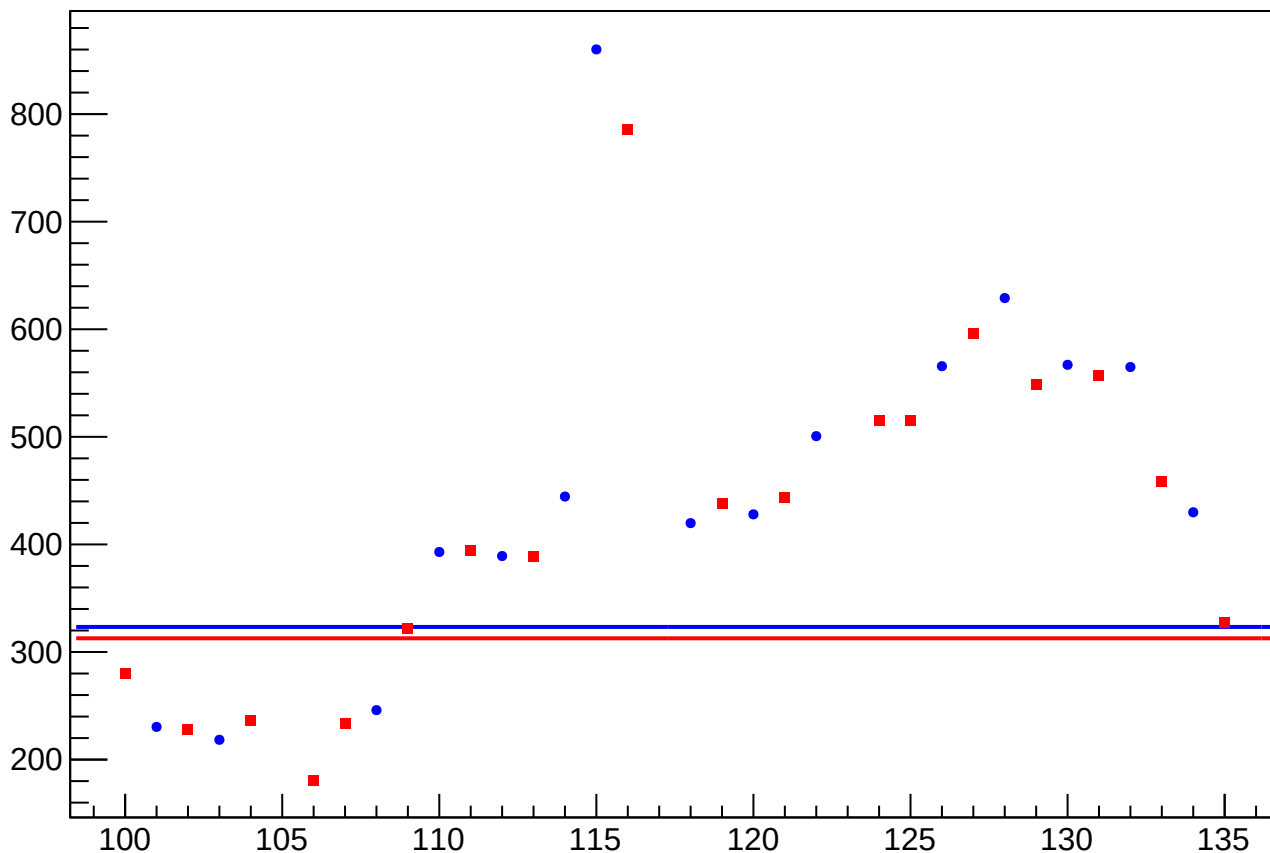
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.404+/-92.805 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_cor_correction_rms vs Slug



Right In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.752+/-0.088 χ^2/NDF : 1799184.9/17

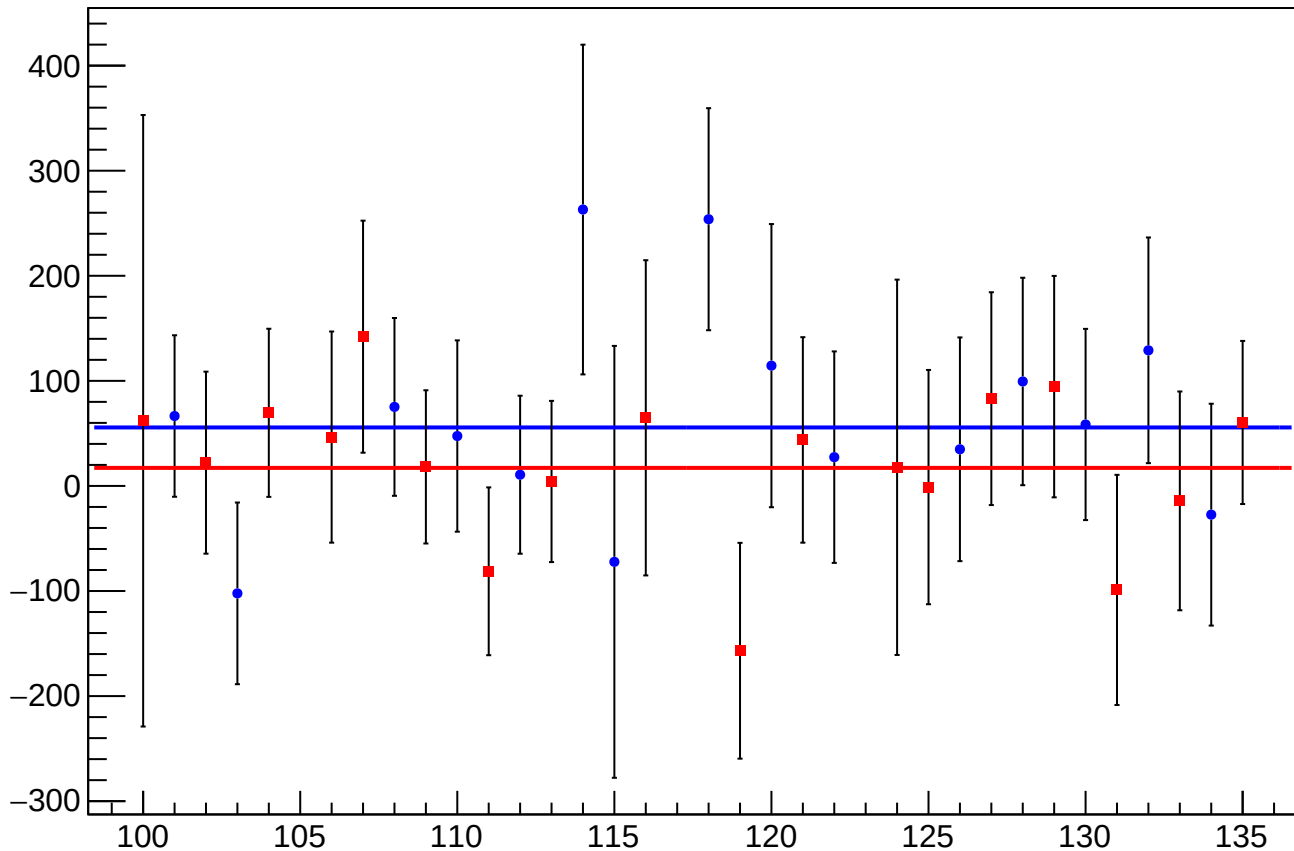
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.492+/-0.066 χ^2/NDF : 3532769.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_48_dd_mean vs Slug



Right In: 55.664 $\pm$ 25.514 χ^2 /NDF: 11.0/14

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

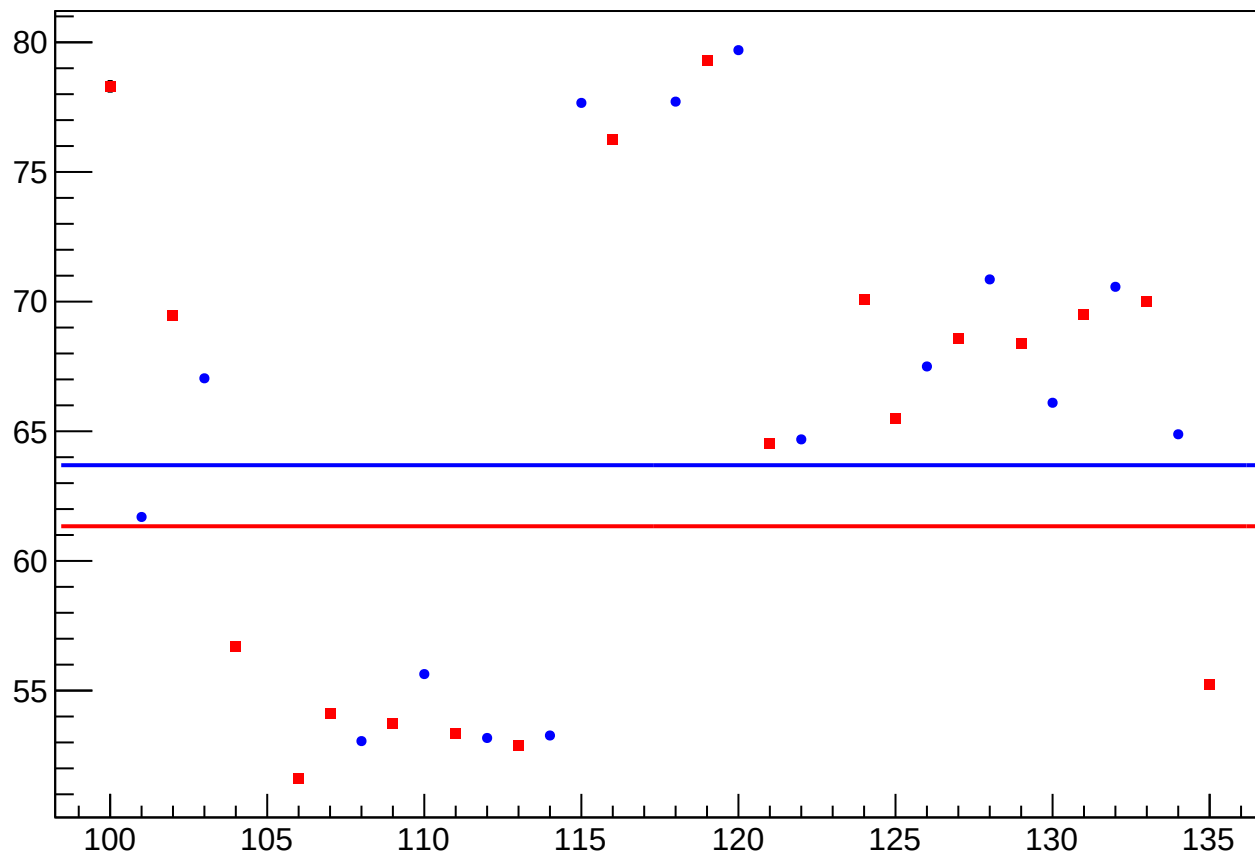
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.473 $\pm$ 17.104 χ^2 /NDF: 21.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_48_dd_rms vs Slug



Right In: 63.692 ± 0.018 χ^2/NDF : 195447.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 61.337 ± 0.016 χ^2/NDF : 271540.3/17

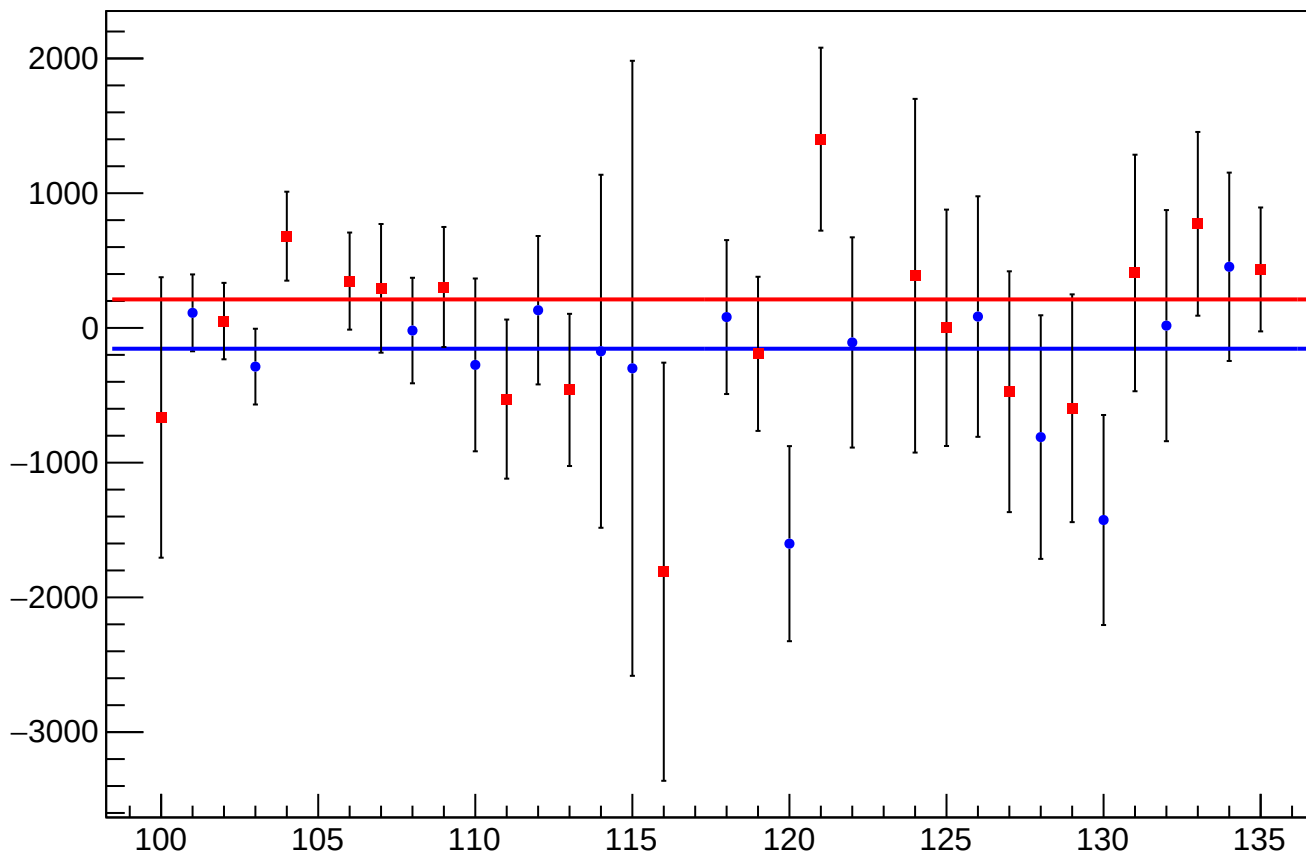
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 62.395 ± 0.012 χ^2/NDF : 476363.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_mean vs Slug



Right In: -154.363+/-138.543 χ^2/NDF : 9.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 211.631+/-124.992 χ^2/NDF : 14.1/17

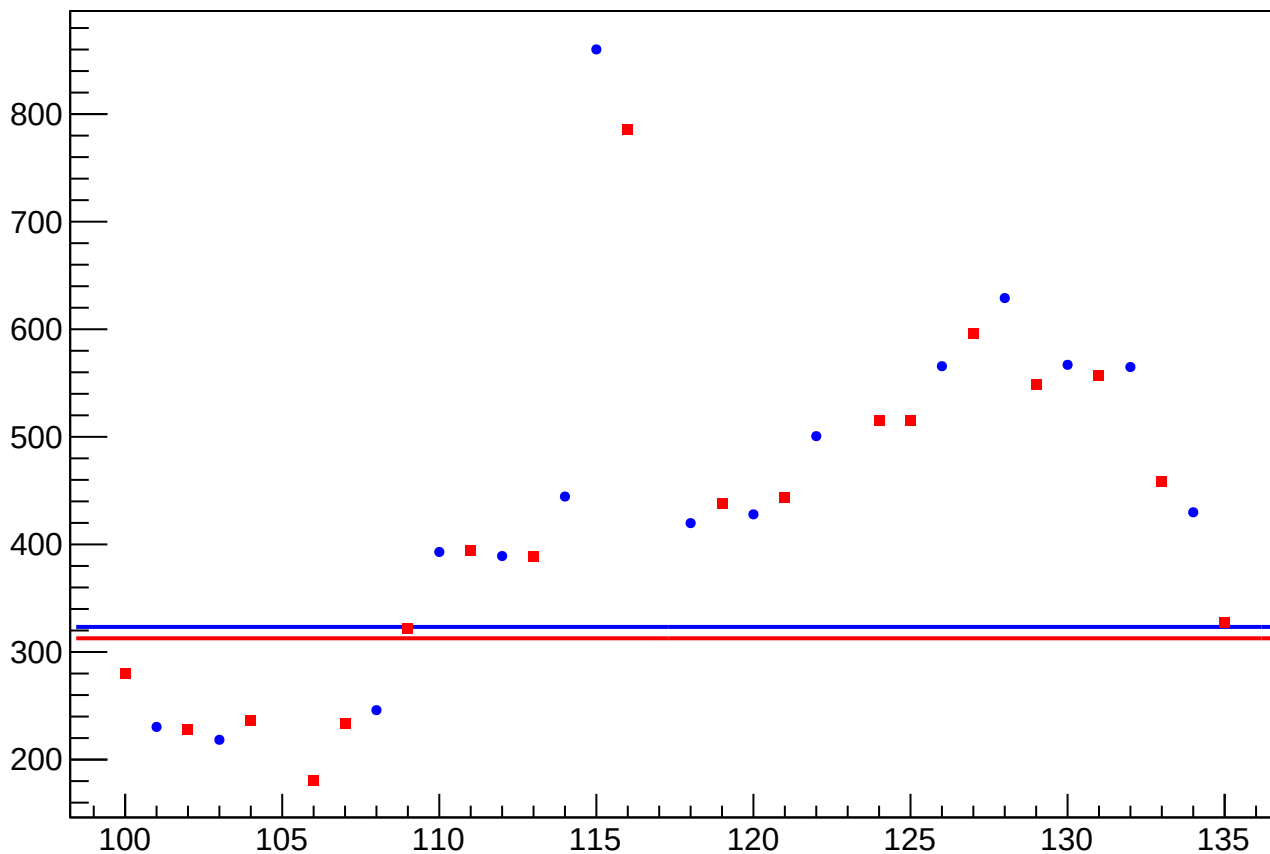
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 47.404+/-92.805 χ^2/NDF : 27.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_cor_correction_rms vs Slug



Right In: 323.315+/-0.098 χ^2/NDF : 1727175.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.752+/-0.088 χ^2/NDF : 1799184.9/17

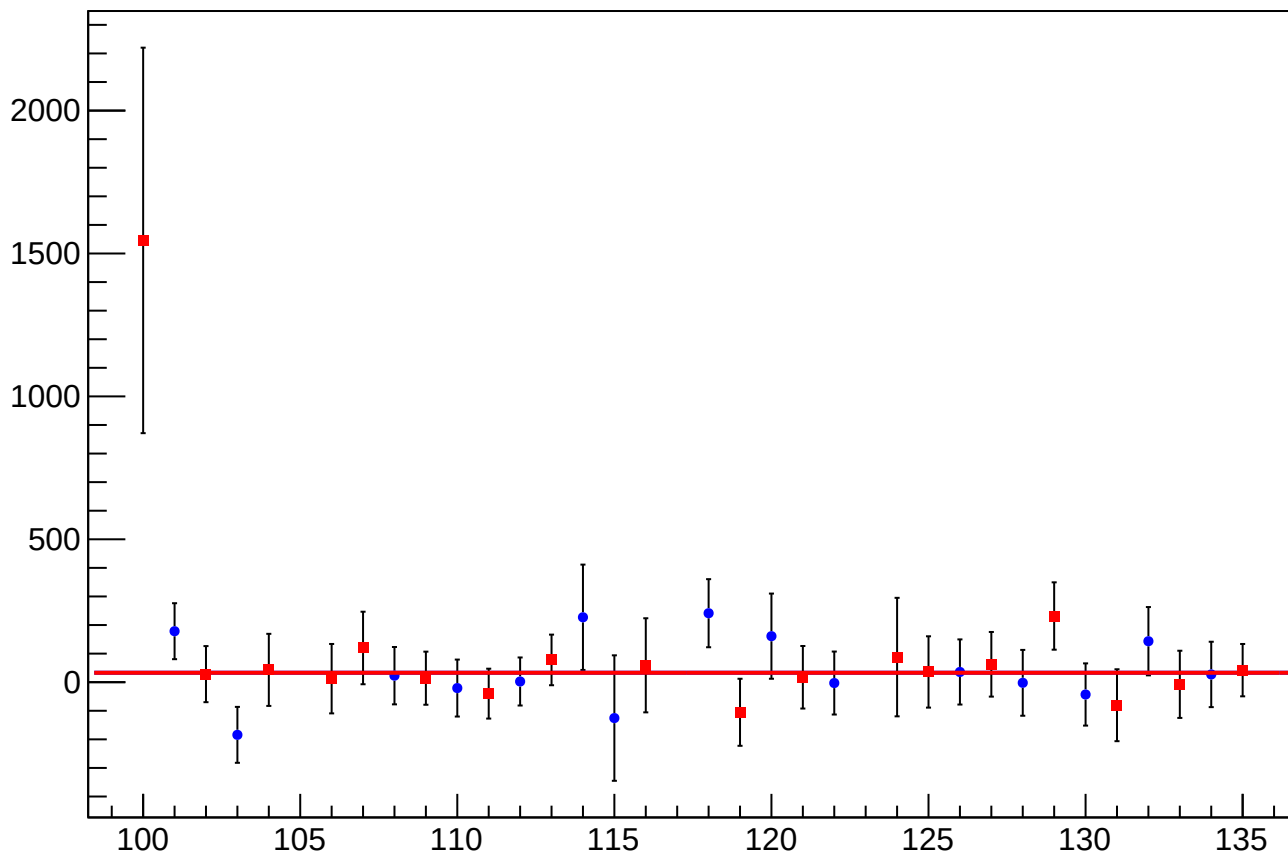
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 317.492+/-0.066 χ^2/NDF : 3532769.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_48_dd_mean vs Slug



Right In: 33.092 $\pm$ 29.092 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.027 $\pm$ 27.126 χ^2 /NDF: 11.9/17

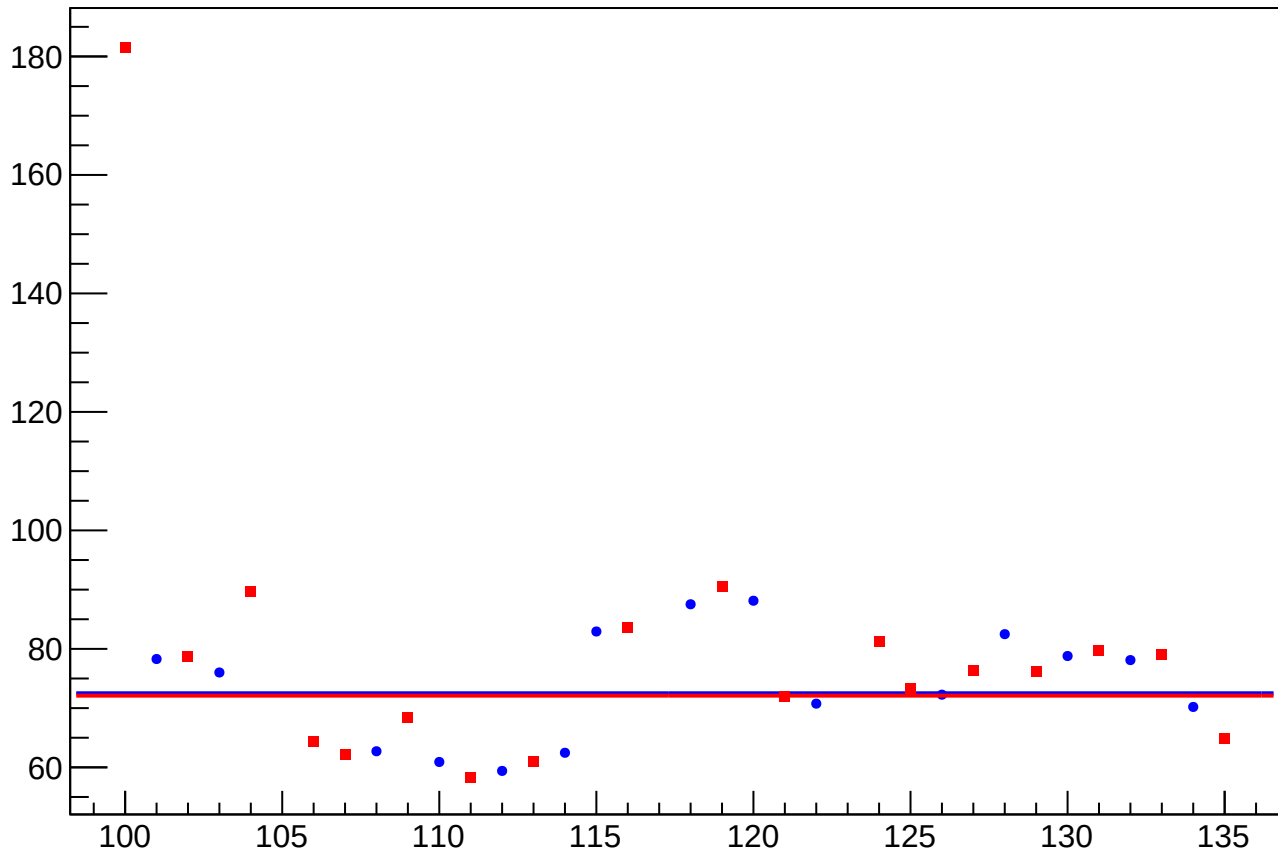
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.057 $\pm$ 19.840 χ^2 /NDF: 26.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.502 $\pm$ 0.021 χ^2 /NDF: 195909.0/14

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

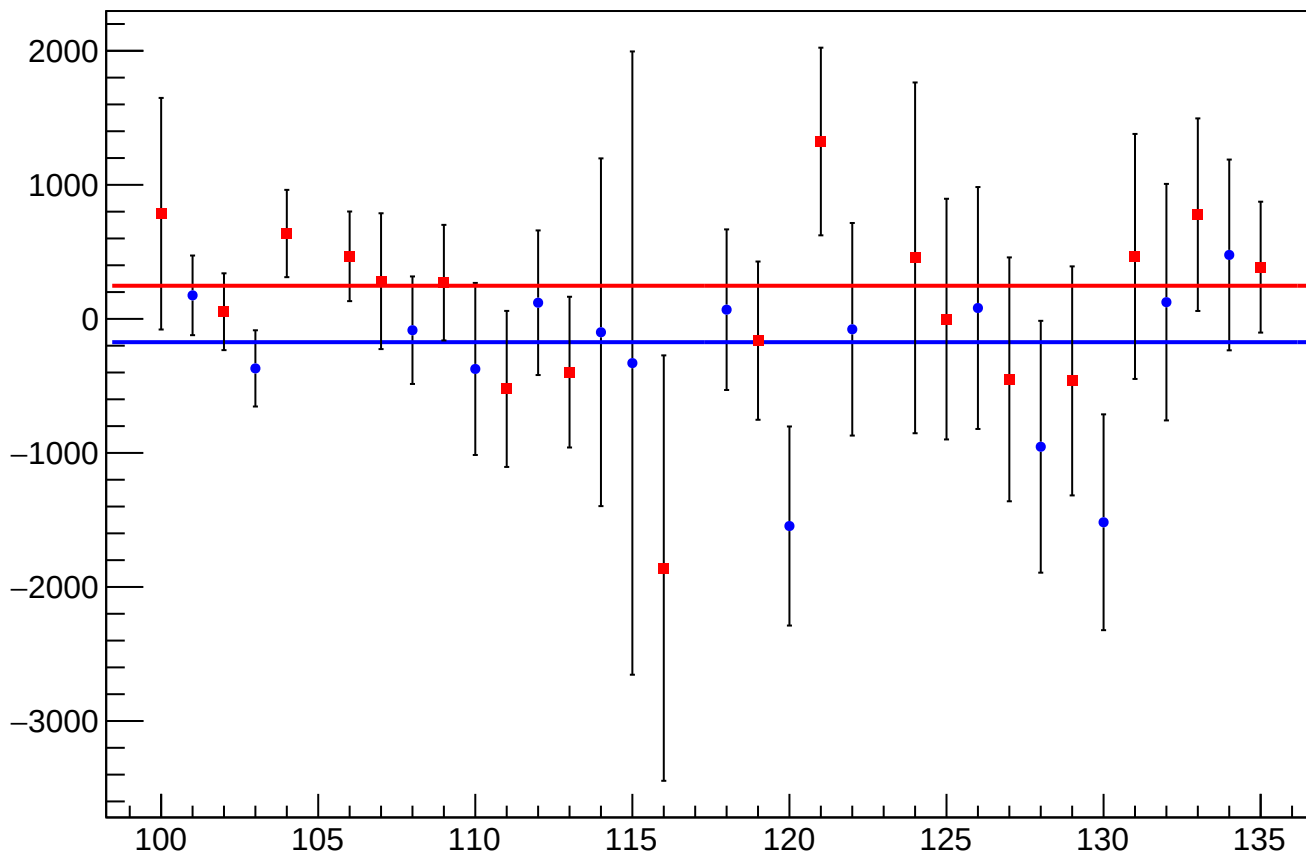
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.291 $\pm$ 0.014 χ^2 /NDF: 497172.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_correction_mean vs Slug



Right In: -173.704+/-141.553 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.221+/-124.679 χ^2/NDF : 12.4/17

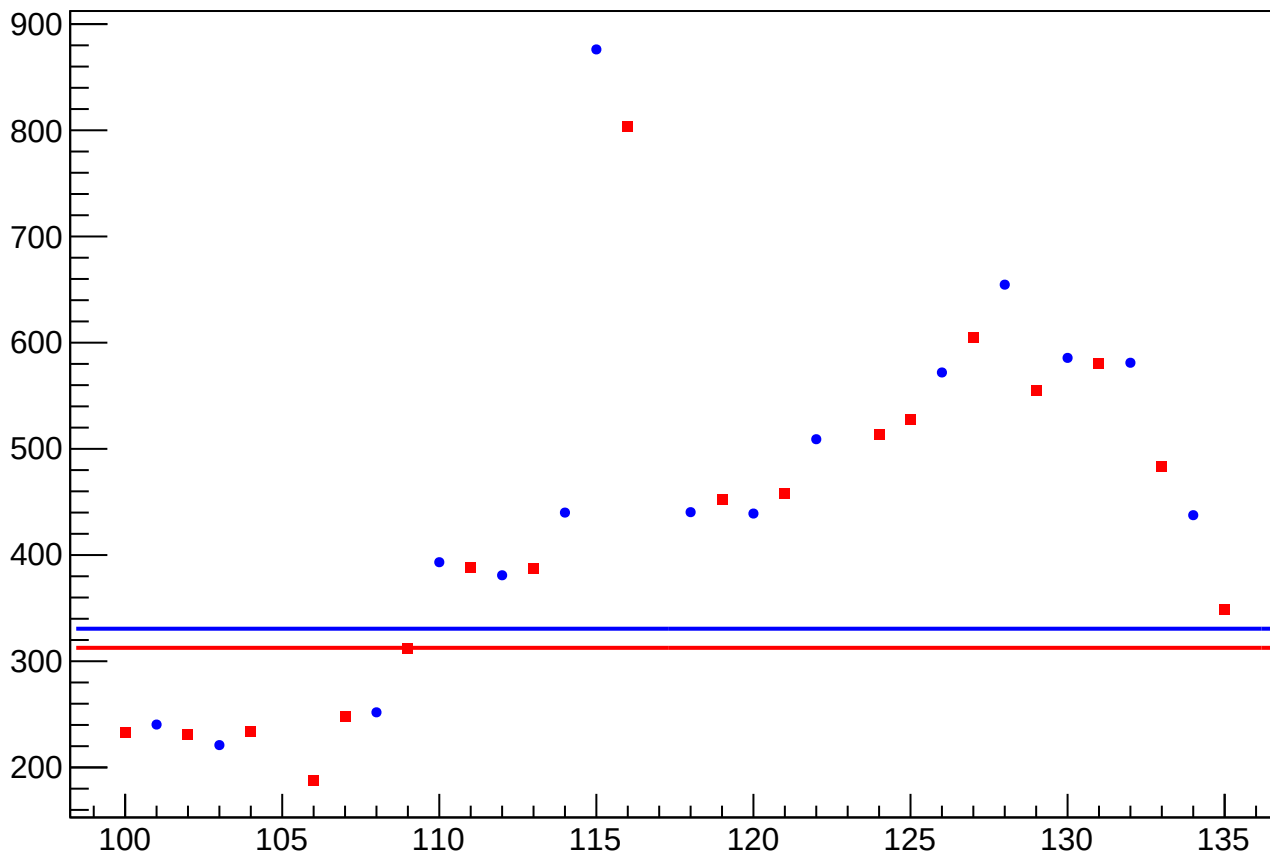
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.329+/-93.561 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_correction_rms vs Slug



Right In: 330.628+/-0.100 χ^2/NDF : 1718460.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

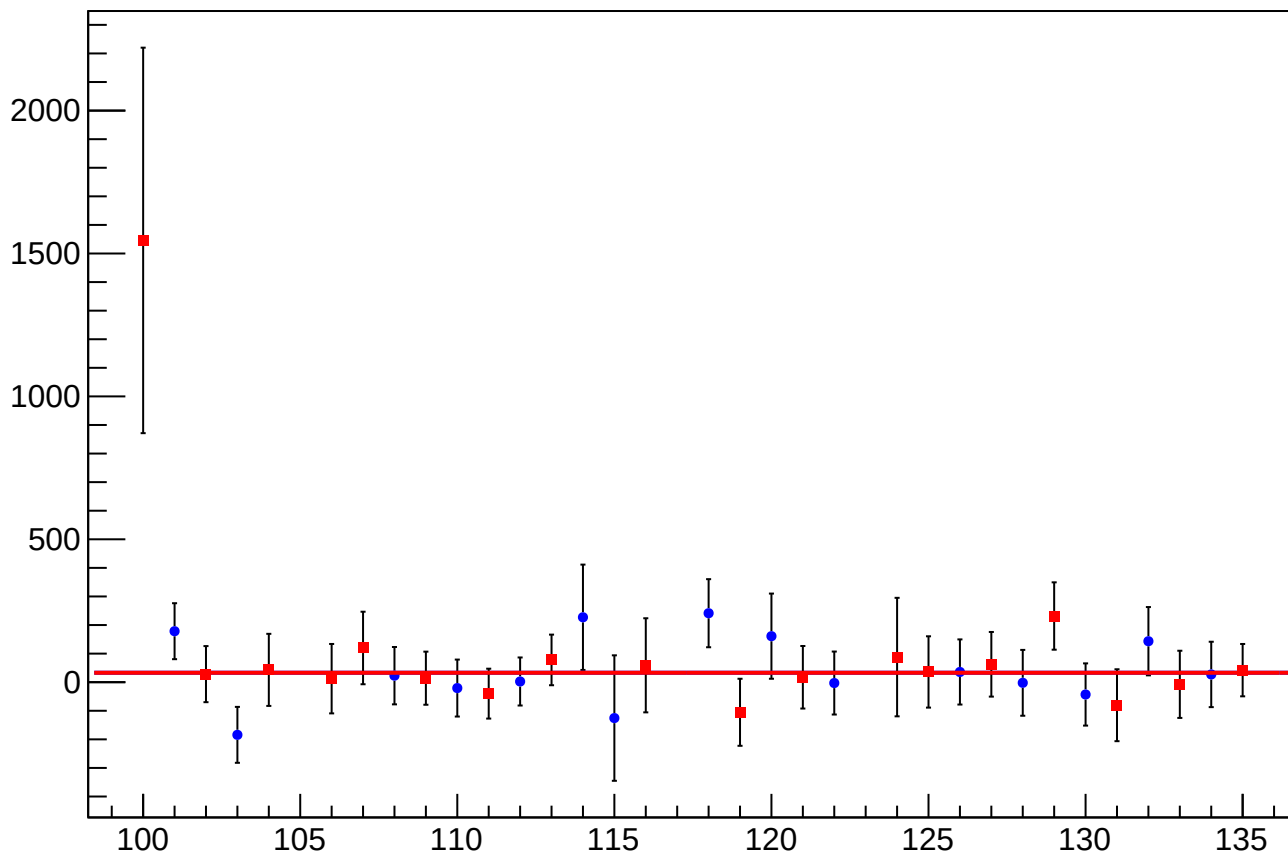
Right Out: 312.625+/-0.088 χ^2/NDF : 1893994.6/17

All: 320.490+/-0.066 χ^2/NDF : 3630672.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_48_dd_mean vs Slug



Right In: 33.092 $\pm$ 29.092 χ^2 /NDF: 14.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.028 $\pm$ 27.126 χ^2 /NDF: 11.9/17

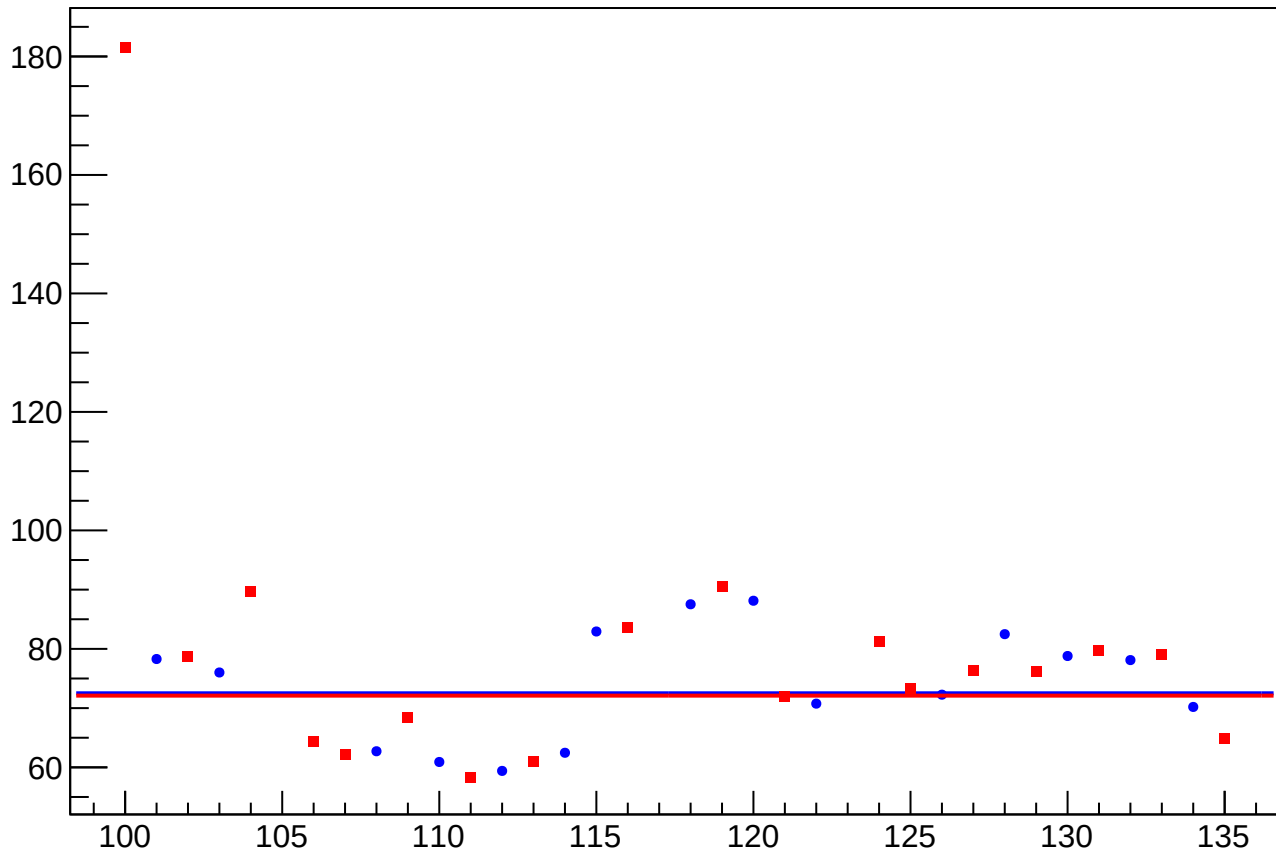
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.058 $\pm$ 19.840 χ^2 /NDF: 26.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_48_dd_rms vs Slug



Right In: 72.502 $\pm$ 0.021 χ^2 /NDF: 195907.9/14

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

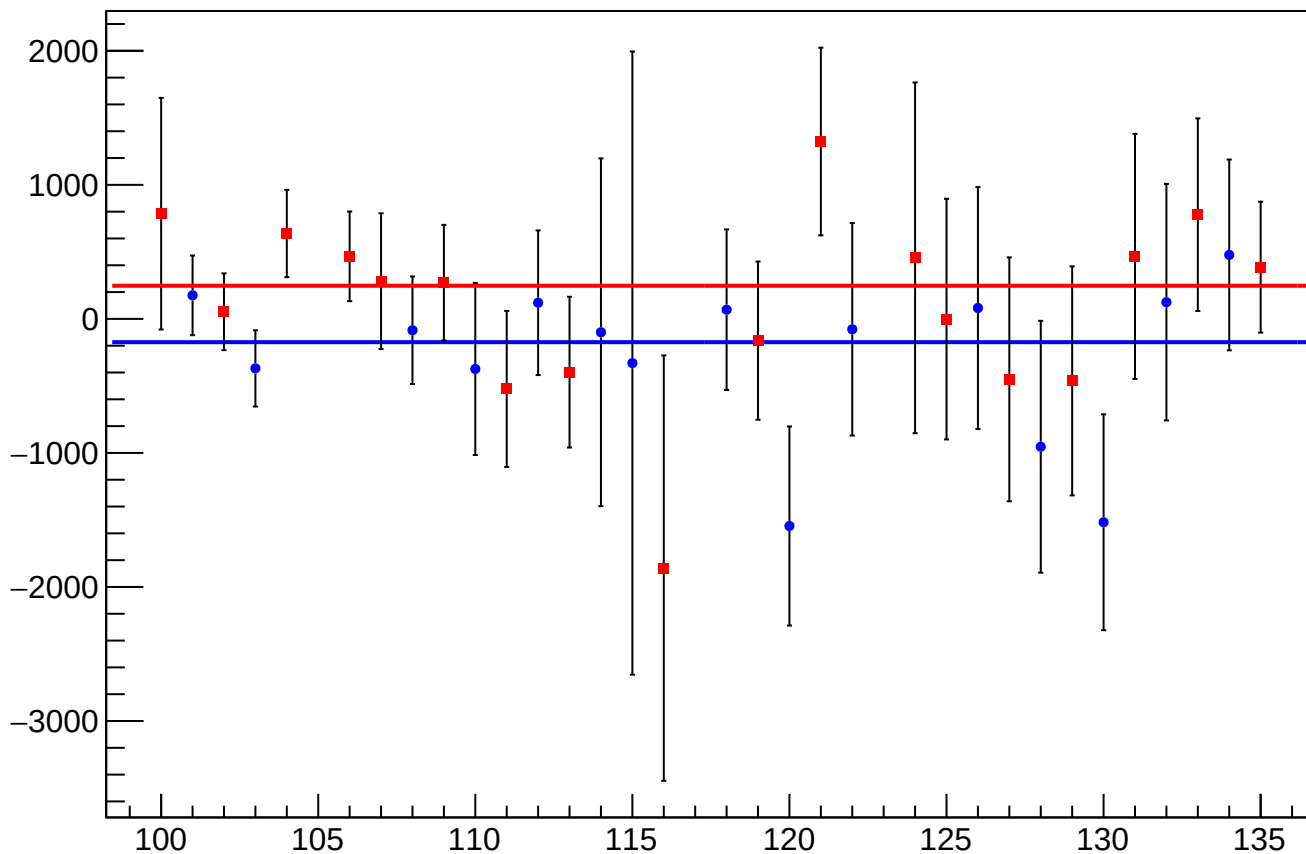
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 72.291 $\pm$ 0.014 χ^2 /NDF: 497177.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_mean vs Slug



Right In: -173.705+/-141.553 χ^2/NDF : 10.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 247.221+/-124.679 χ^2/NDF : 12.4/17

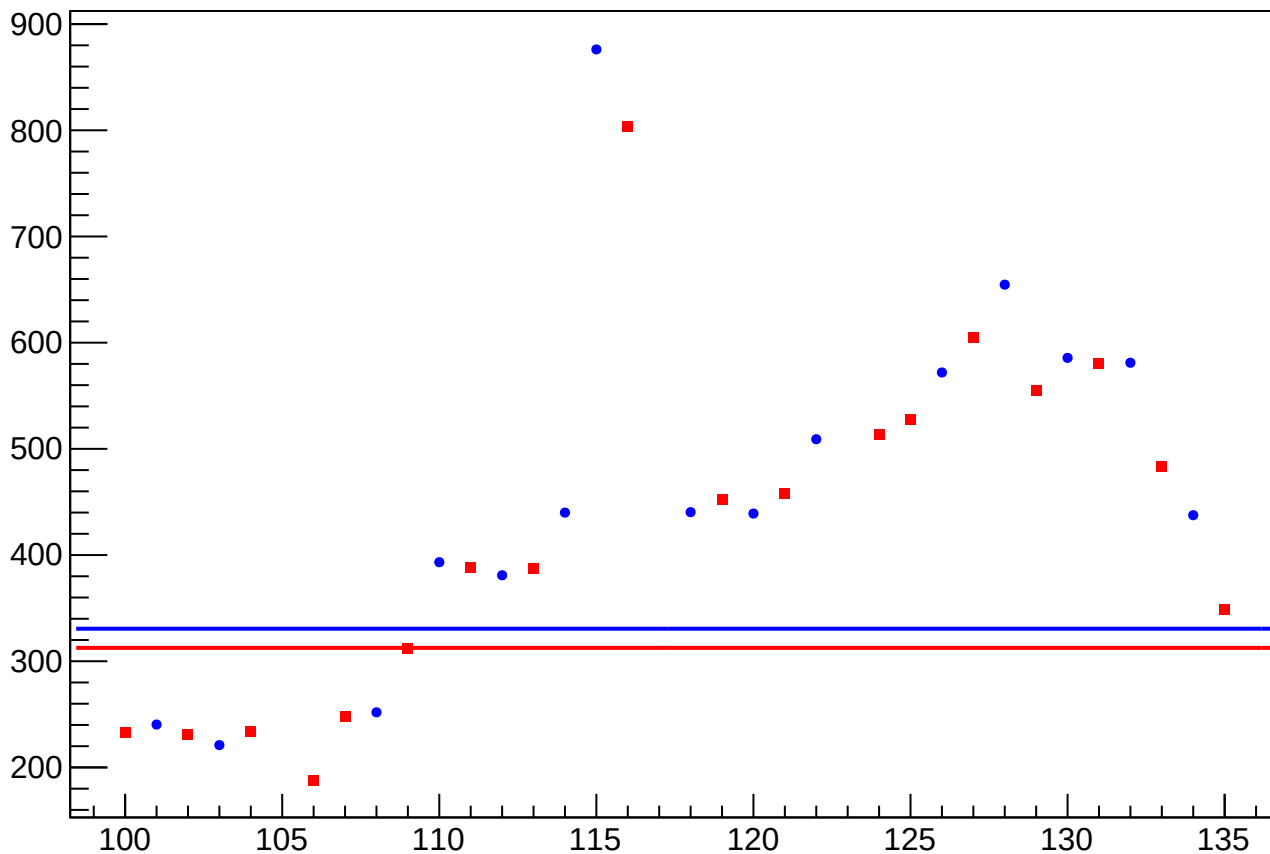
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 63.329+/-93.561 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_correction_rms vs Slug



Right In: 330.628+/-0.100 χ^2/NDF : 1718459.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 312.625+/-0.088 χ^2/NDF : 1893993.2/17

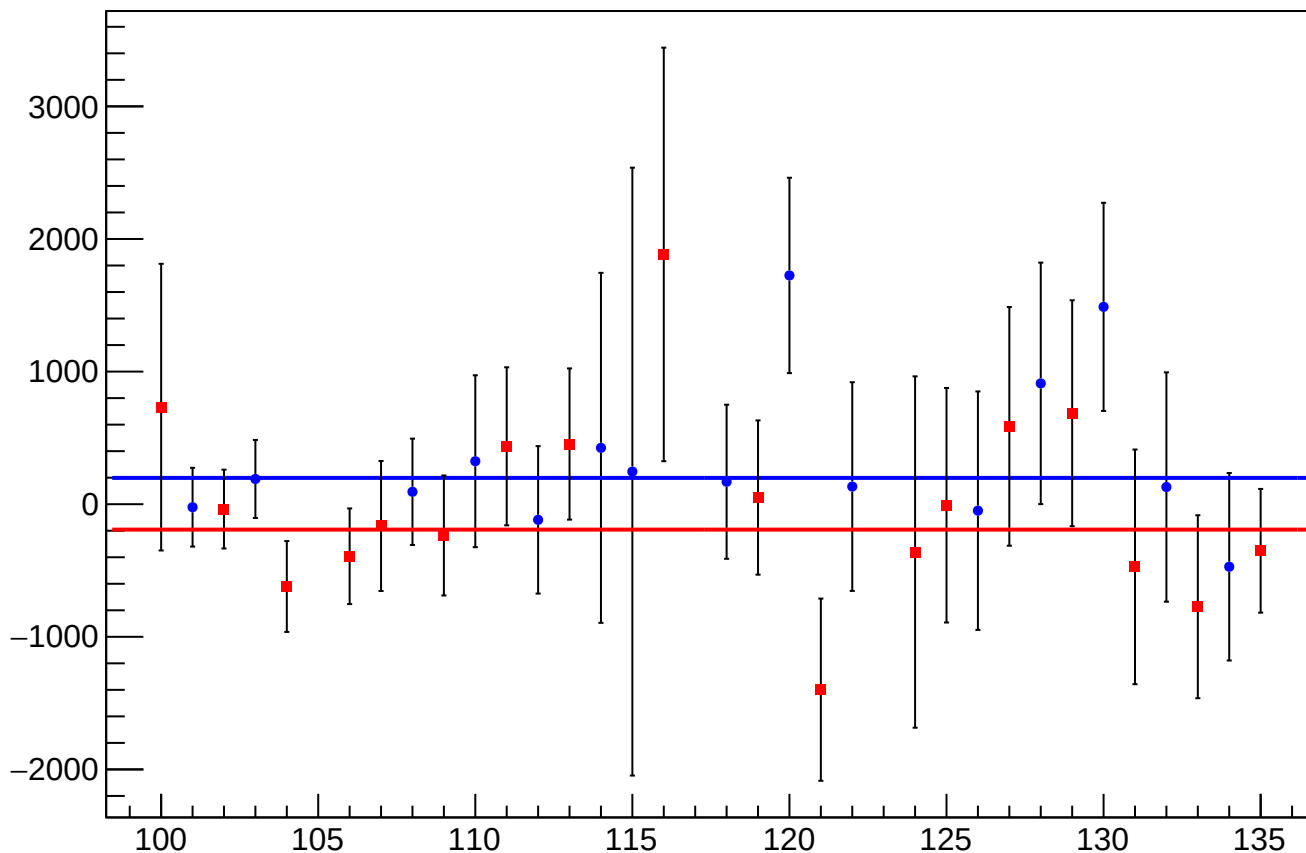
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 320.490+/-0.066 χ^2/NDF : 3630670.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_mean vs Slug



Right In: 198.389 $\pm$ 142.424 χ^2 /NDF: 9.6/14

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

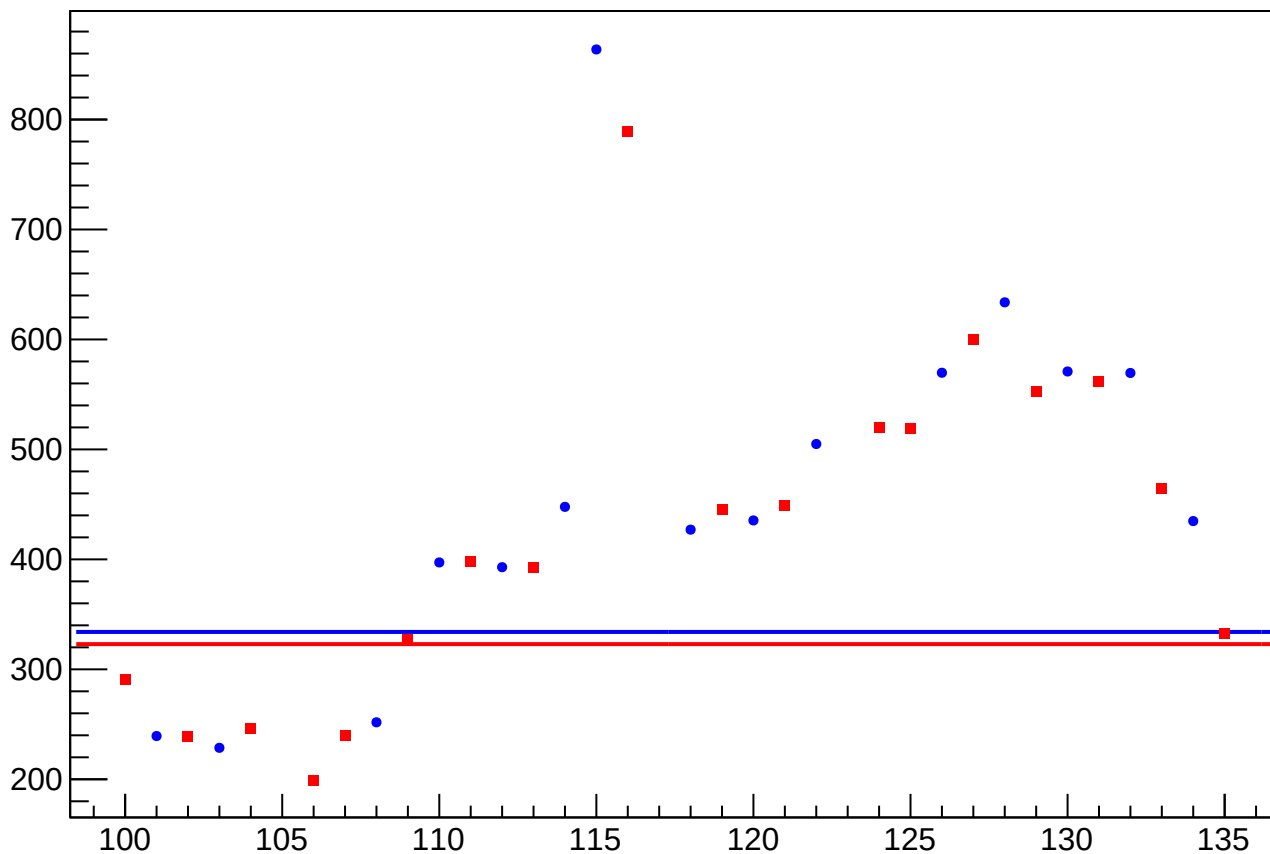
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -17.709 $\pm$ 95.107 χ^2 /NDF: 26.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_rms vs Slug



Right In: 334.004+/-0.101 χ^2/NDF : 1615623.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 322.909+/-0.090 χ^2/NDF : 1660645.1/17

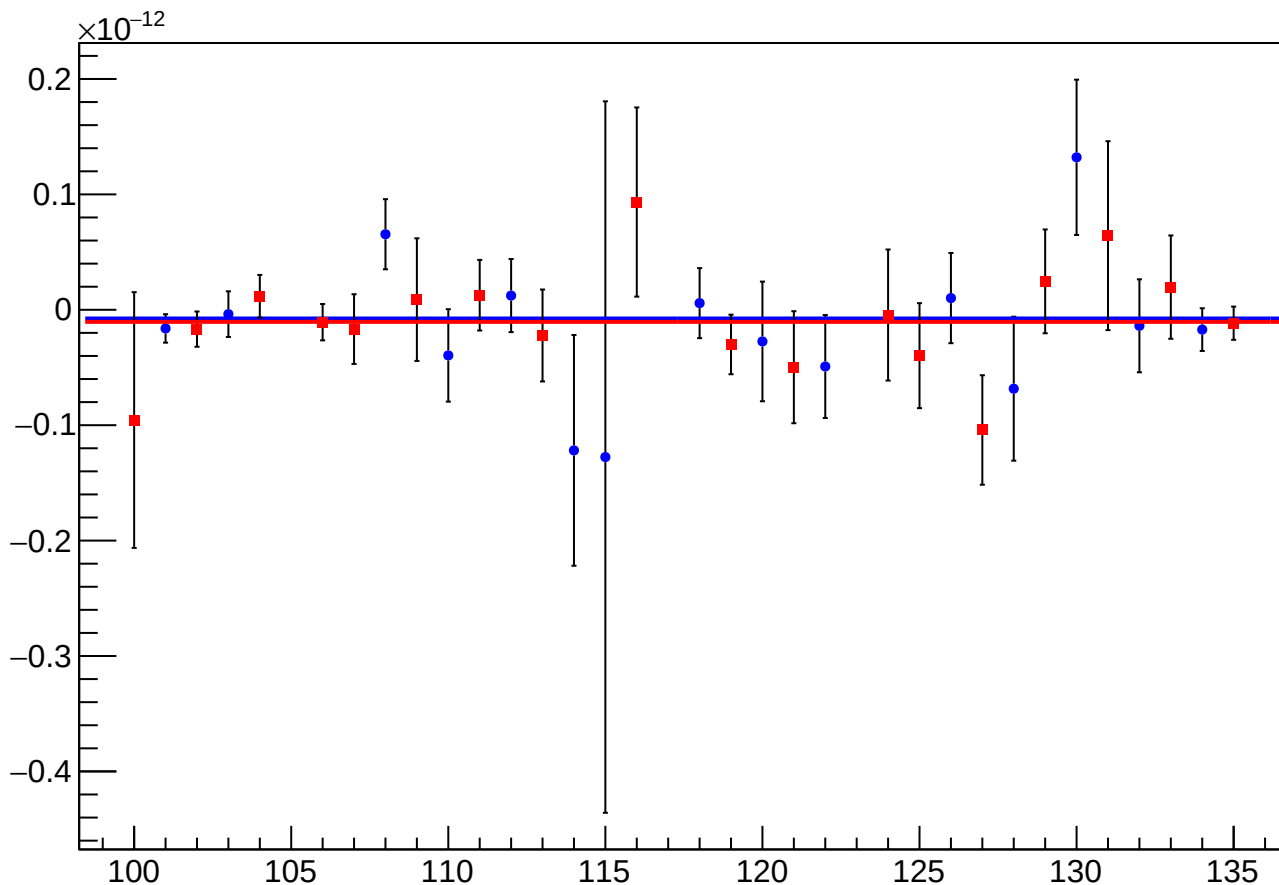
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 327.857+/-0.067 χ^2/NDF : 3282993.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 15.8/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 12.1/17

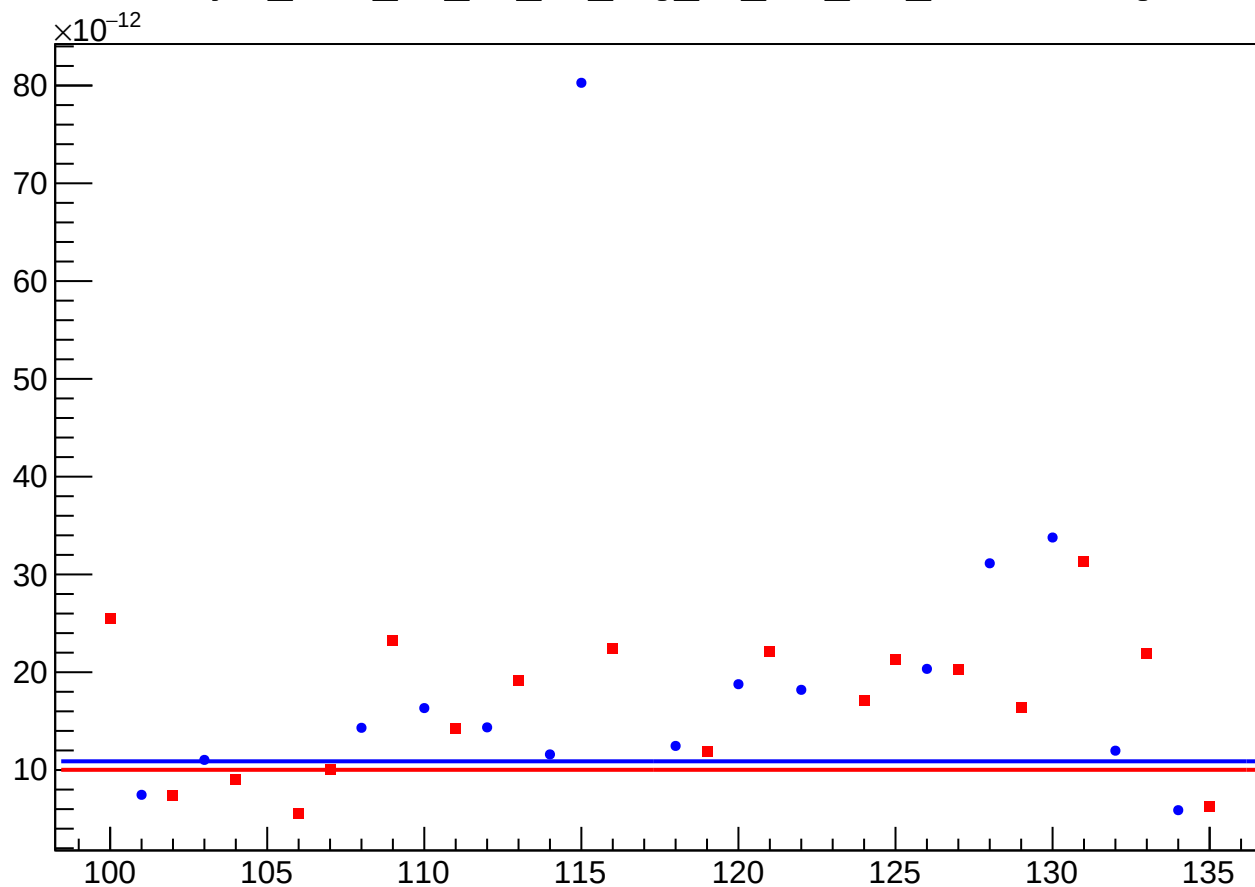
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 27.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 1154496.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 1415070.6/17

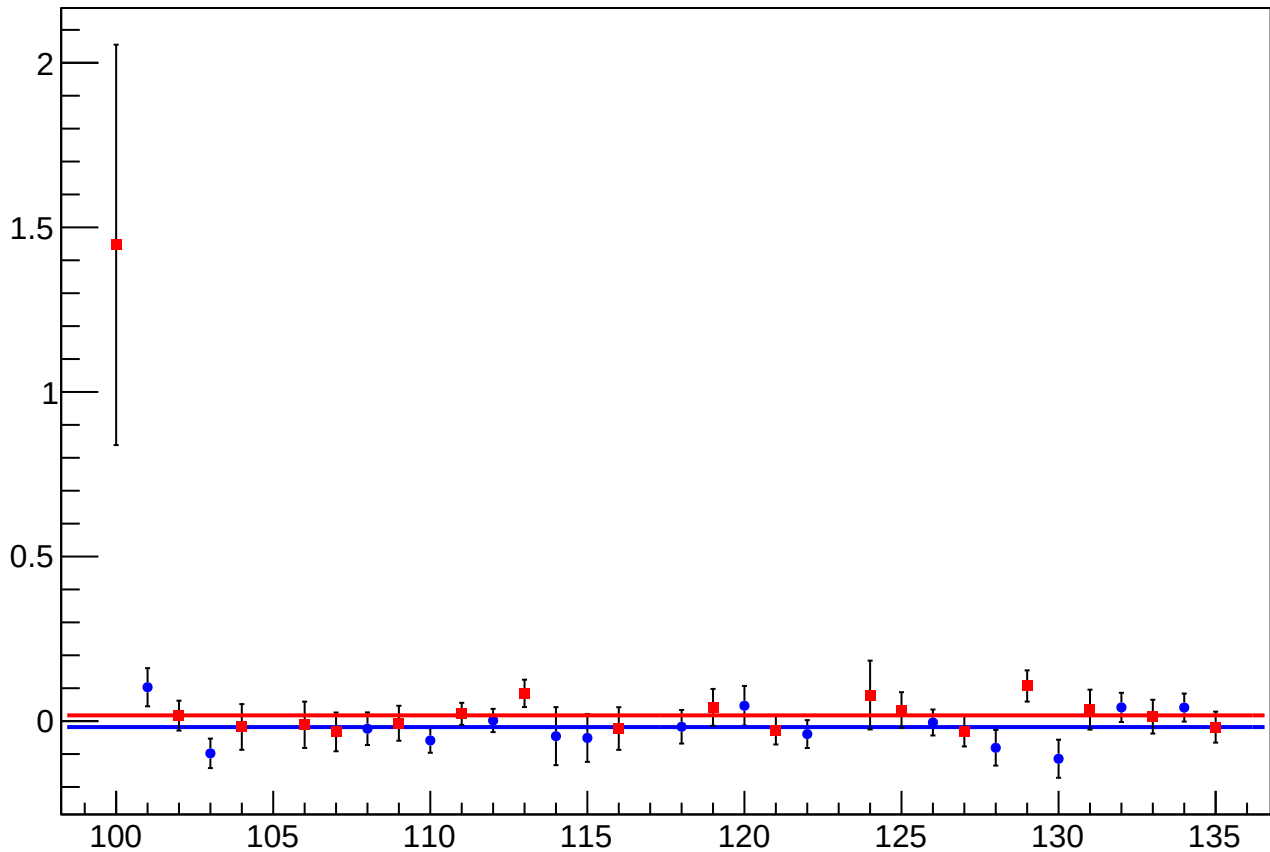
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 2585376.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.012 χ^2/NDF : 16.8/17

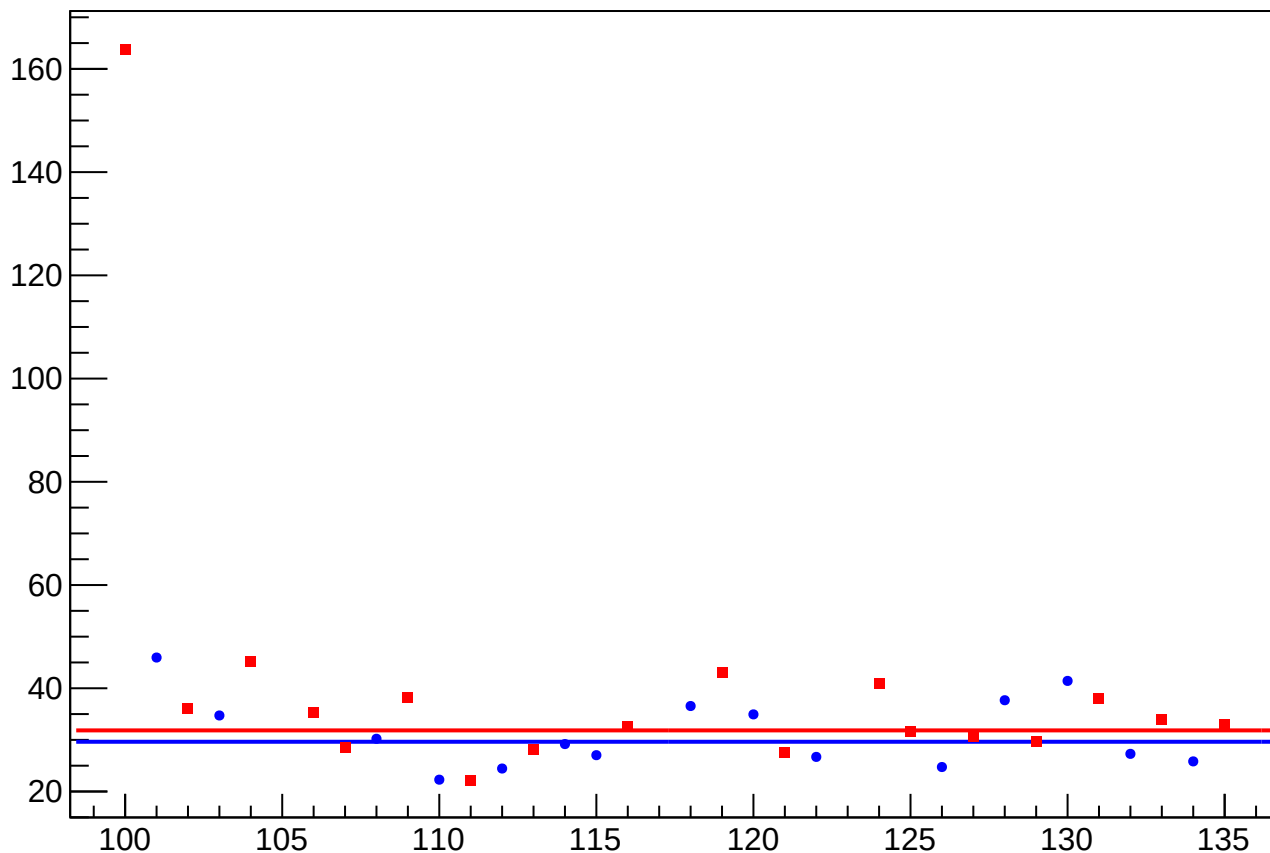
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.009 χ^2/NDF : 39.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.637 $\pm$ 0.009 χ^2 /NDF: 549389.9/14

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

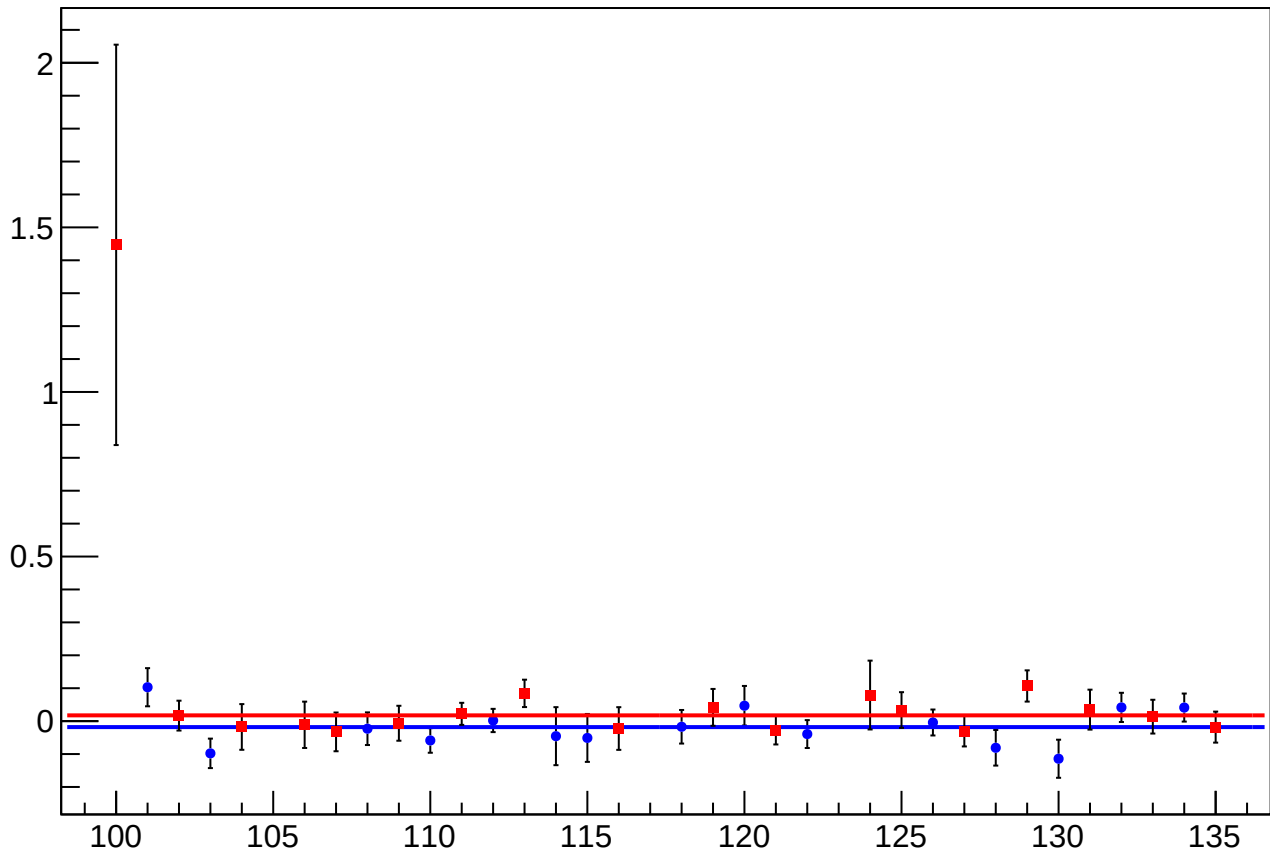
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.733 $\pm$ 0.006 χ^2 /NDF: 1137695.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.012 χ^2/NDF : 16.8/17

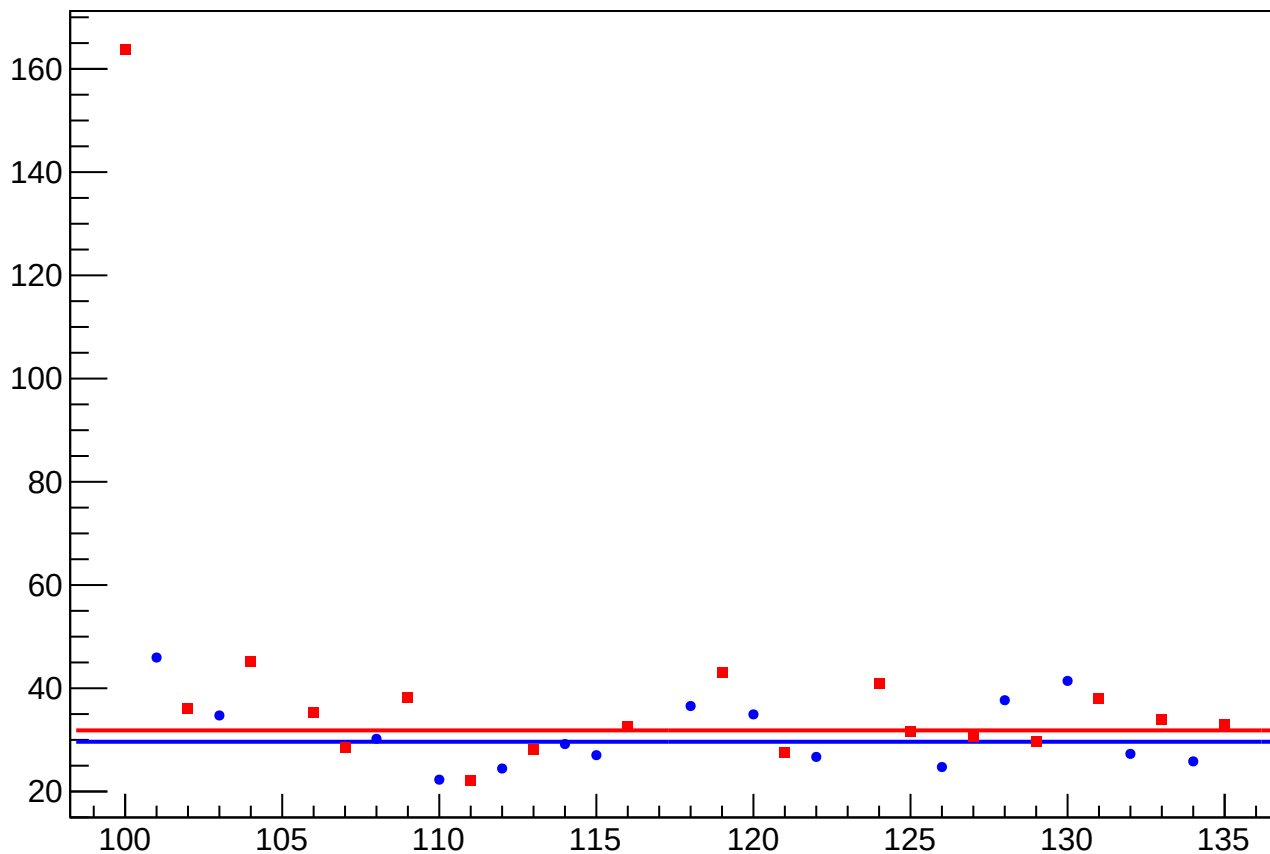
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.009 χ^2/NDF : 39.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.637 $\pm$ 0.009 χ^2 /NDF: 549389.9/14

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

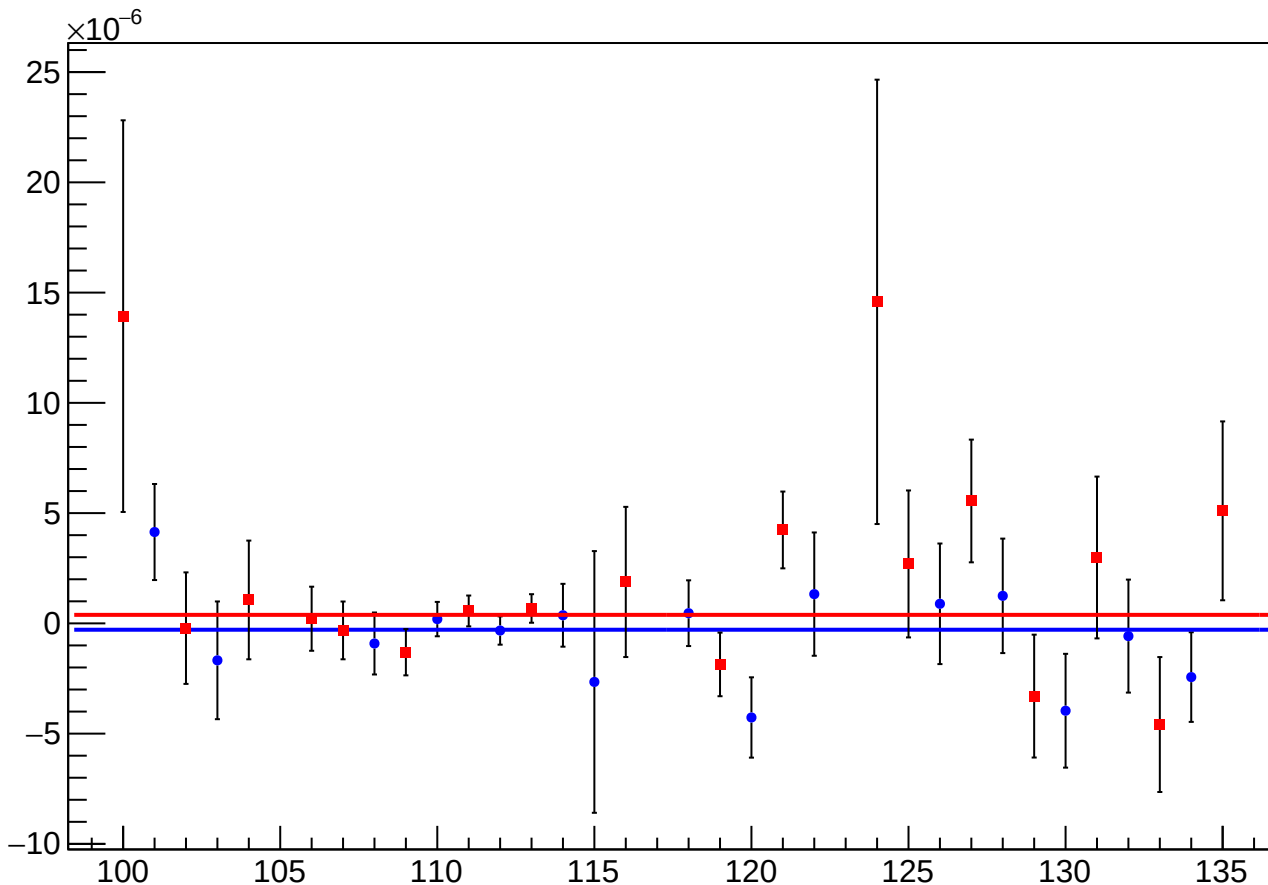
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.733 $\pm$ 0.006 χ^2 /NDF: 1137695.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 14.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 25.3/17

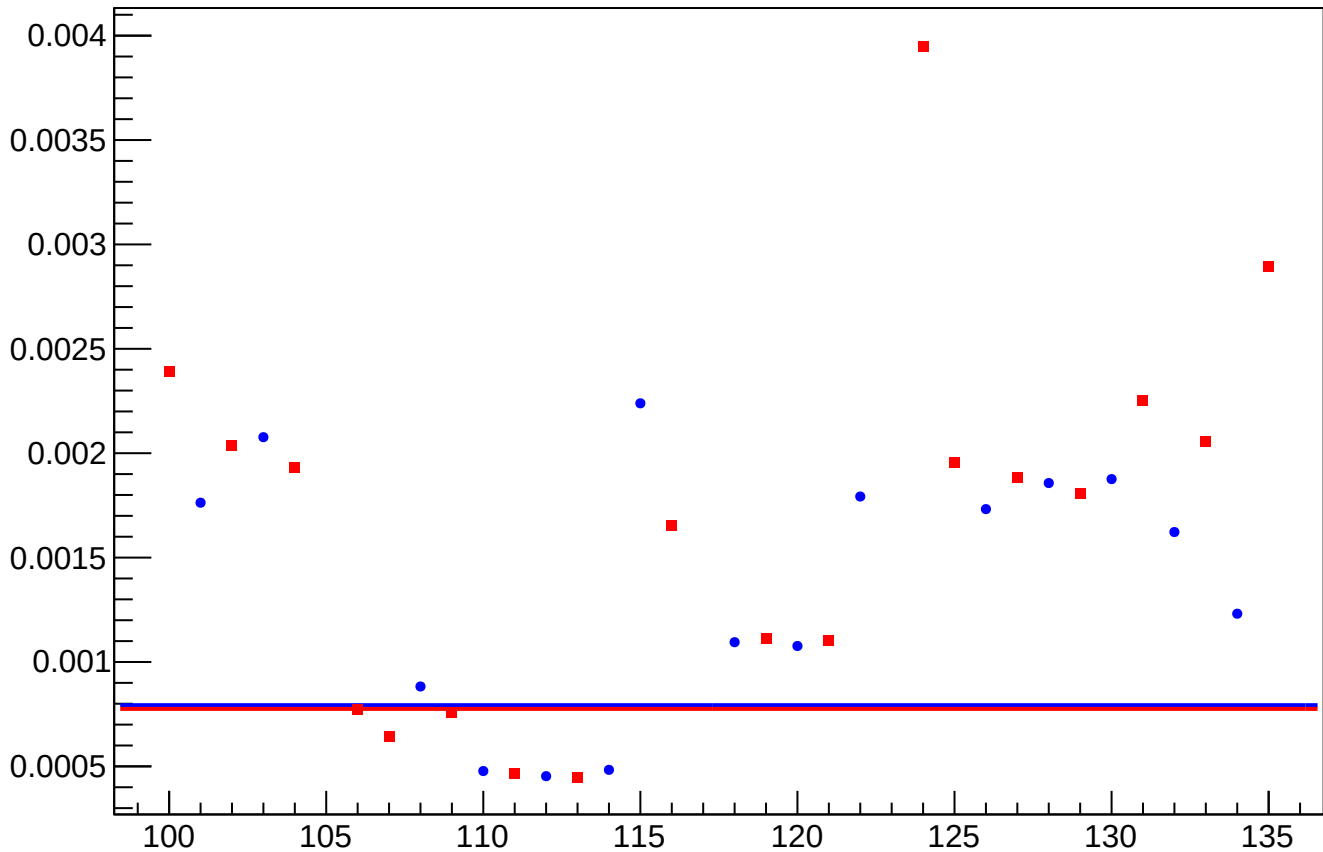
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 41.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 3583139.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4438541.5/17

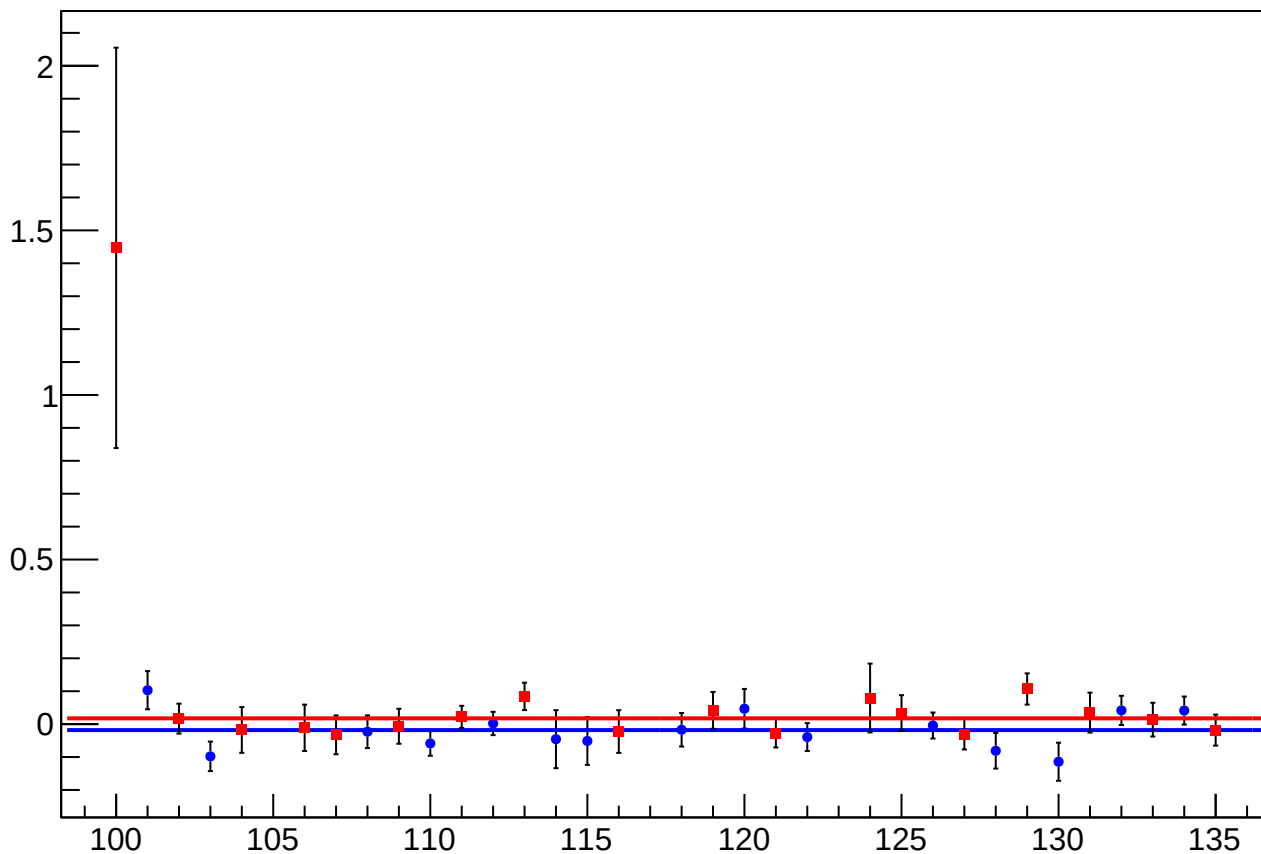
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 8024108.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.018 $\pm$ 0.012 χ^2 /NDF: 18.8/14

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

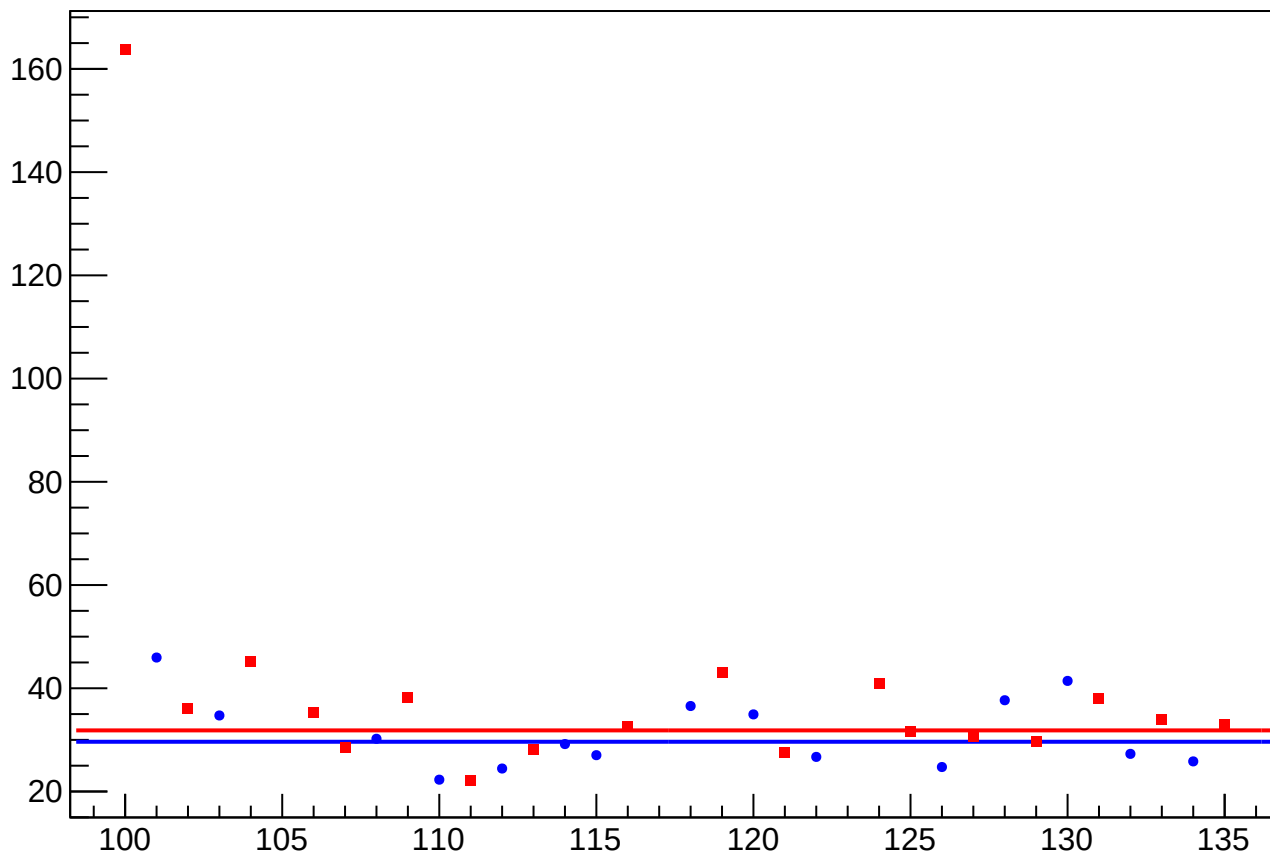
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.009 χ^2 /NDF: 39.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.637 $\pm$ 0.009 χ^2 /NDF: 549381.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.838 $\pm$ 0.009 χ^2 /NDF: 556451.9/17

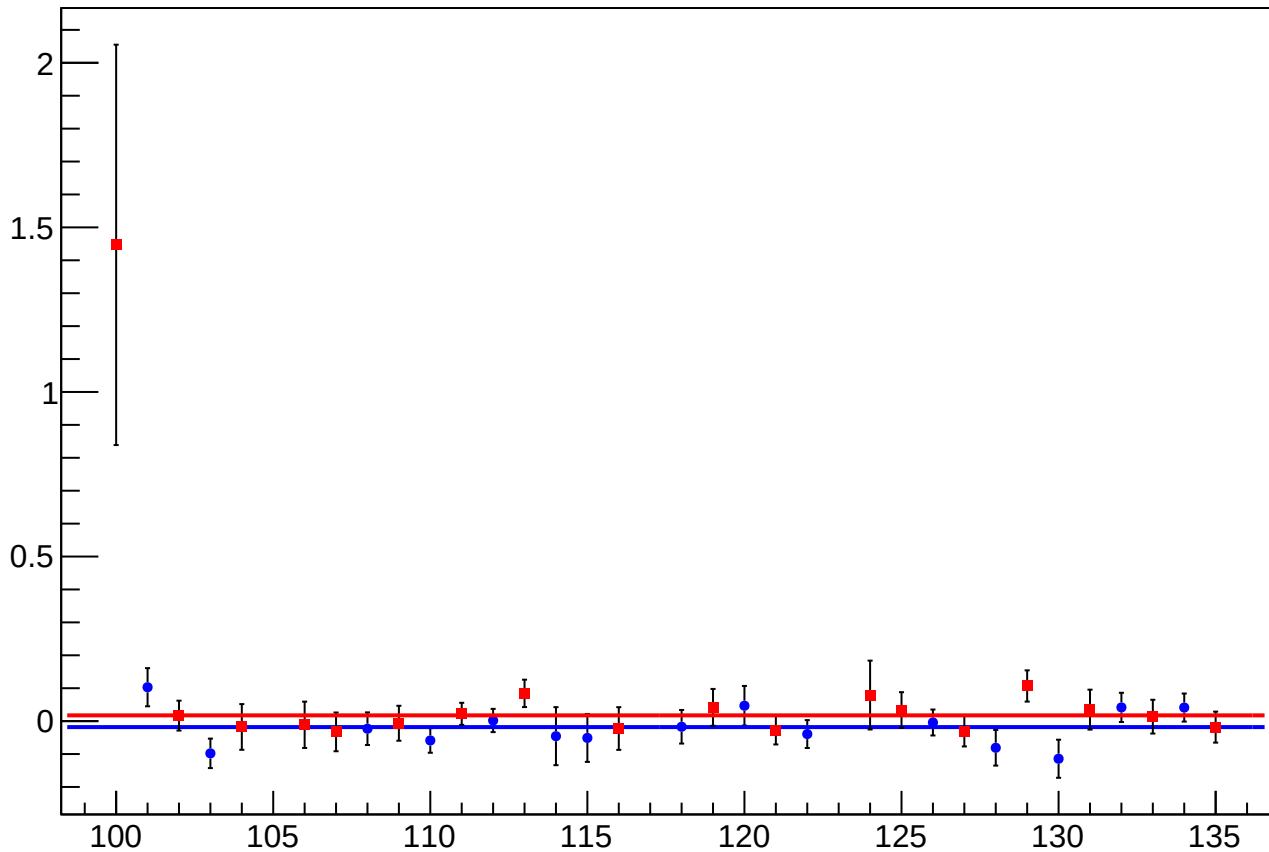
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.733 $\pm$ 0.006 χ^2 /NDF: 1137680.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.018 ± 0.012 χ^2/NDF : 18.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.018 ± 0.012 χ^2/NDF : 16.8/17

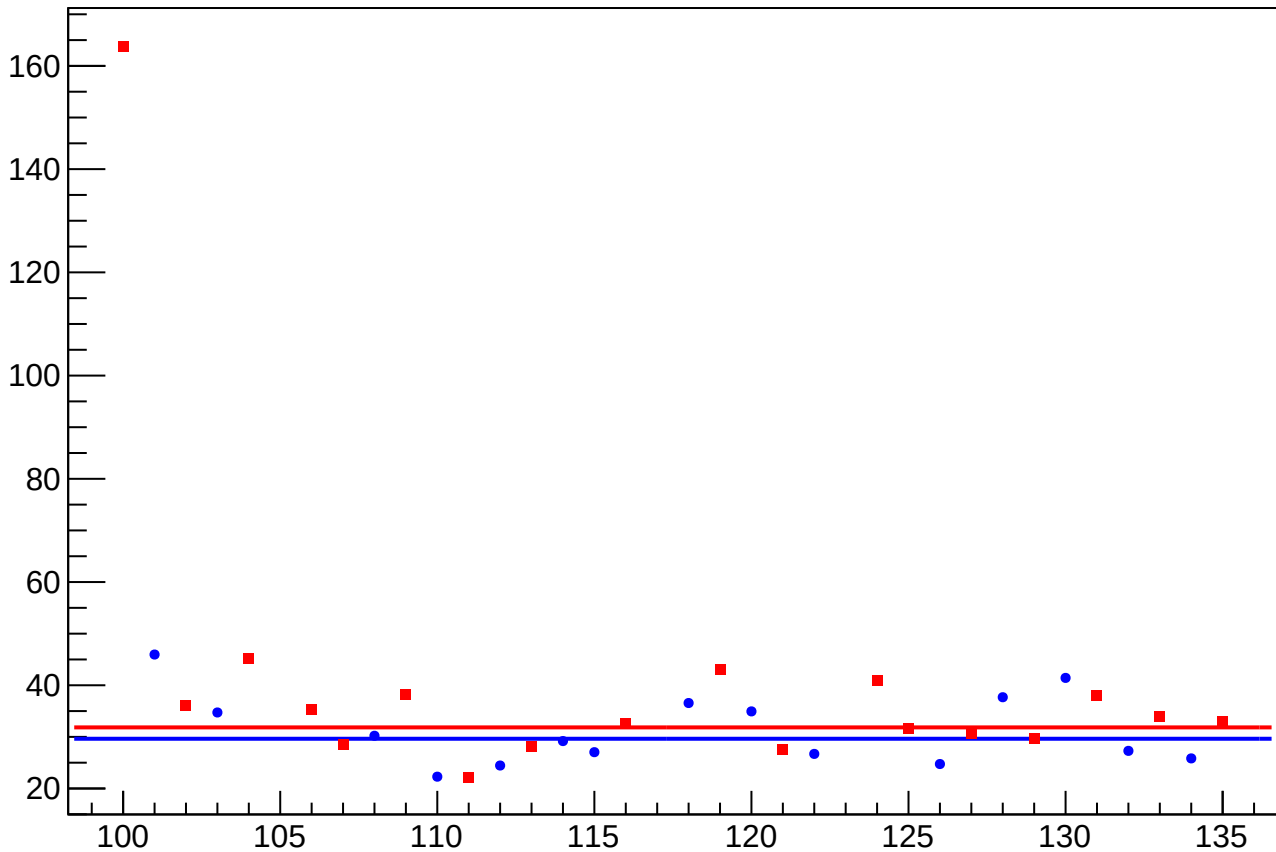
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.009 χ^2/NDF : 39.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_37_48_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.637 $\pm$ 0.009 χ^2 /NDF: 549381.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 31.838 $\pm$ 0.009 χ^2 /NDF: 556451.9/17

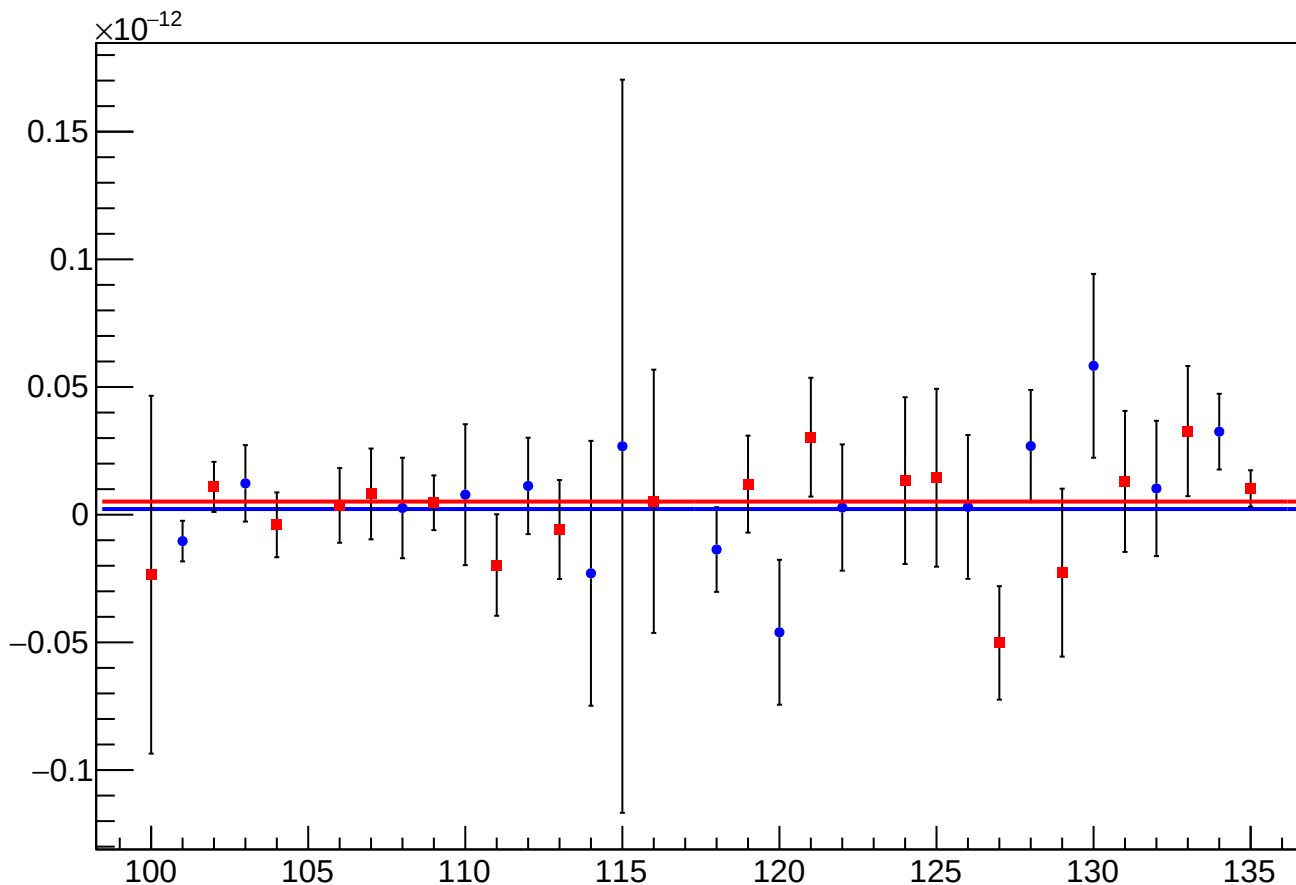
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.733 $\pm$ 0.006 χ^2 /NDF: 1137680.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/17

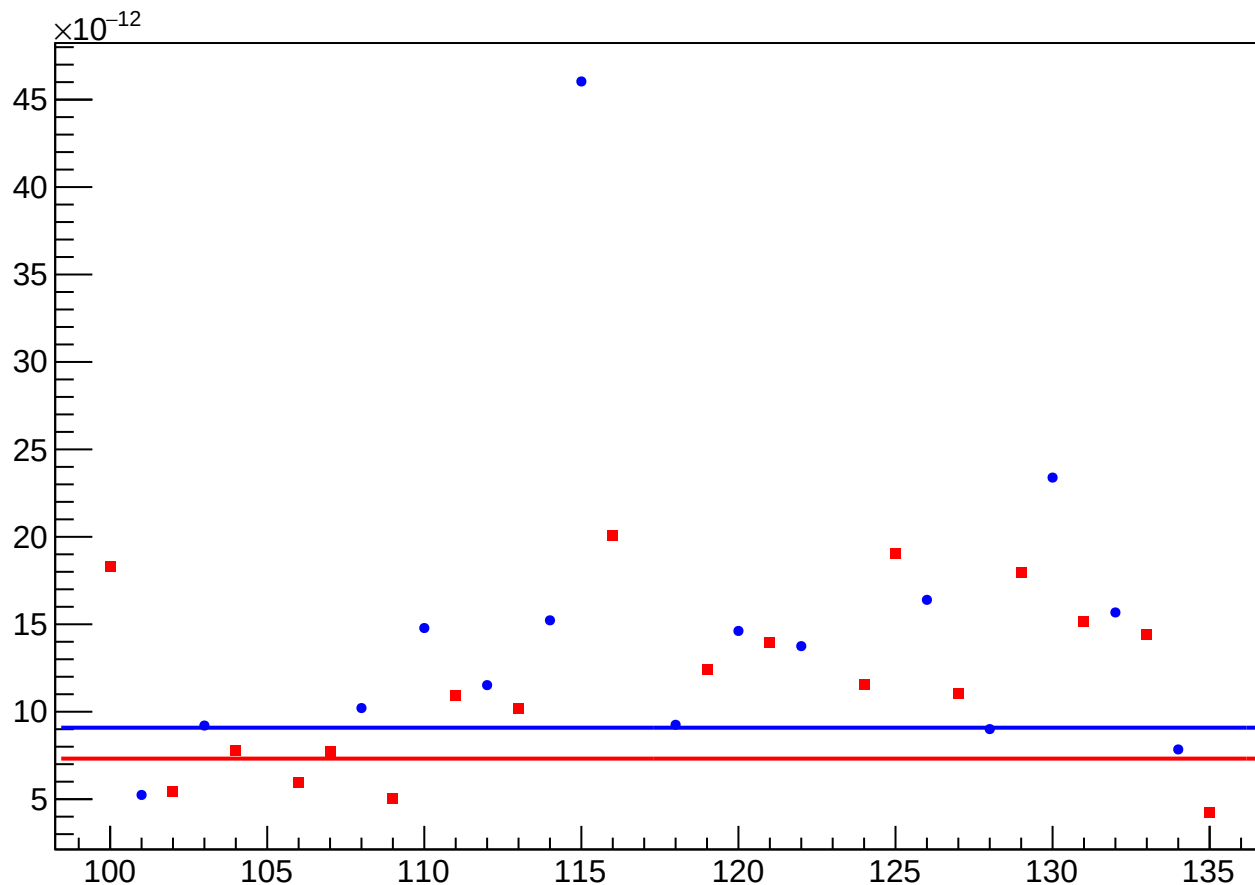
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 28.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_48_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1488646.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1989478.7/17

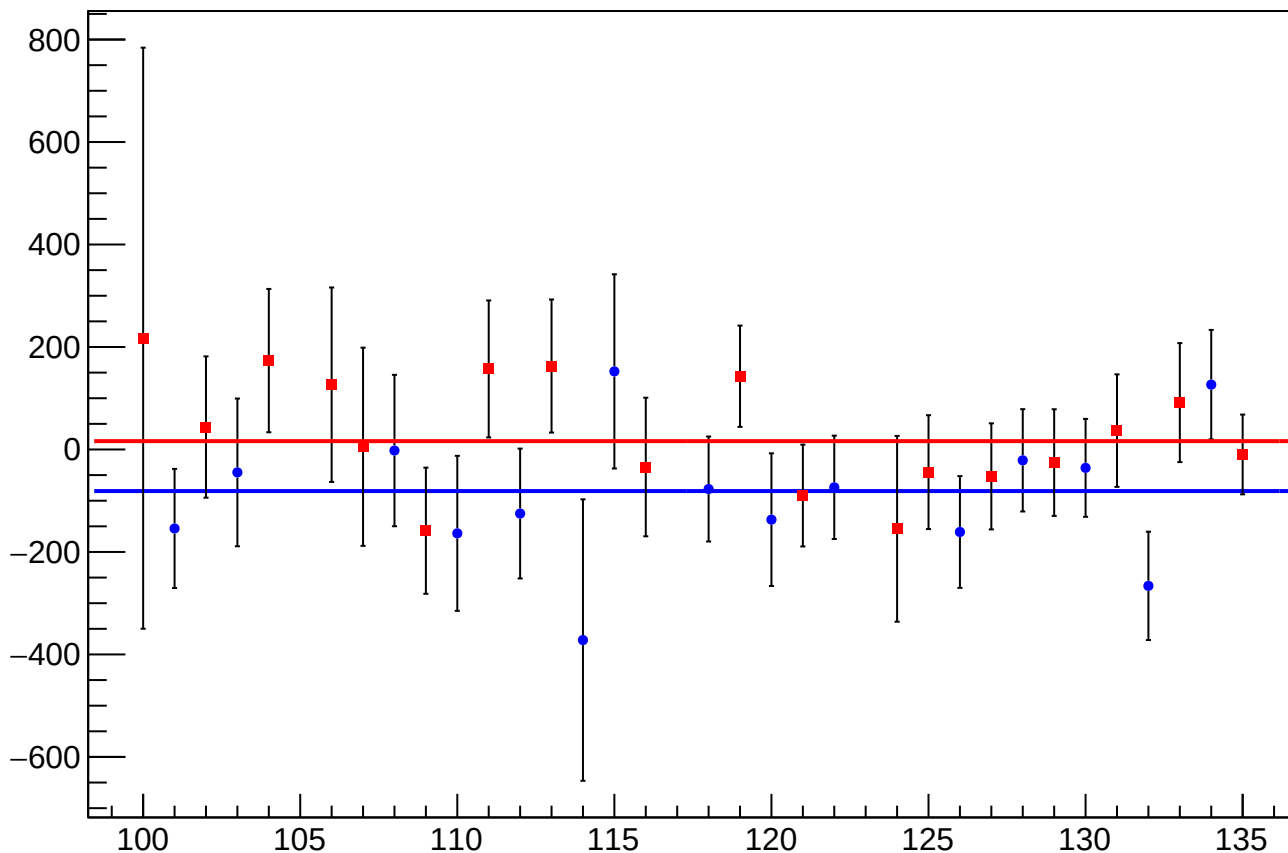
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3647587.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_mean vs Slug



Right In: -81.175 ± 31.019 χ^2/NDF : 12.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 16.248 ± 28.626 χ^2/NDF : 11.5/17

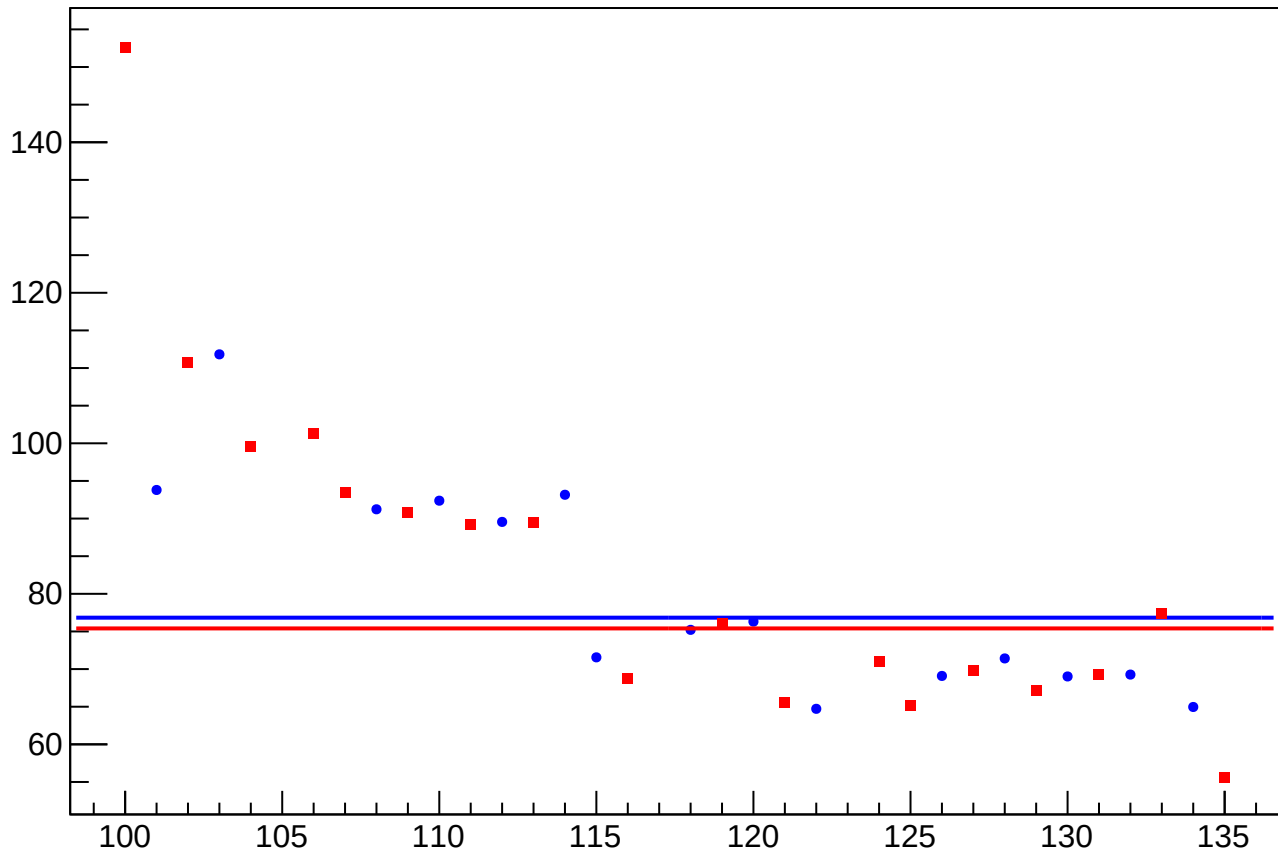
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -28.562 ± 21.037 χ^2/NDF : 28.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_rms vs Slug



Right In: 76.831 ± 0.022 $\chi^2/\text{NDF}: 323037.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 75.402 ± 0.020 $\chi^2/\text{NDF}: 556222.2/17$

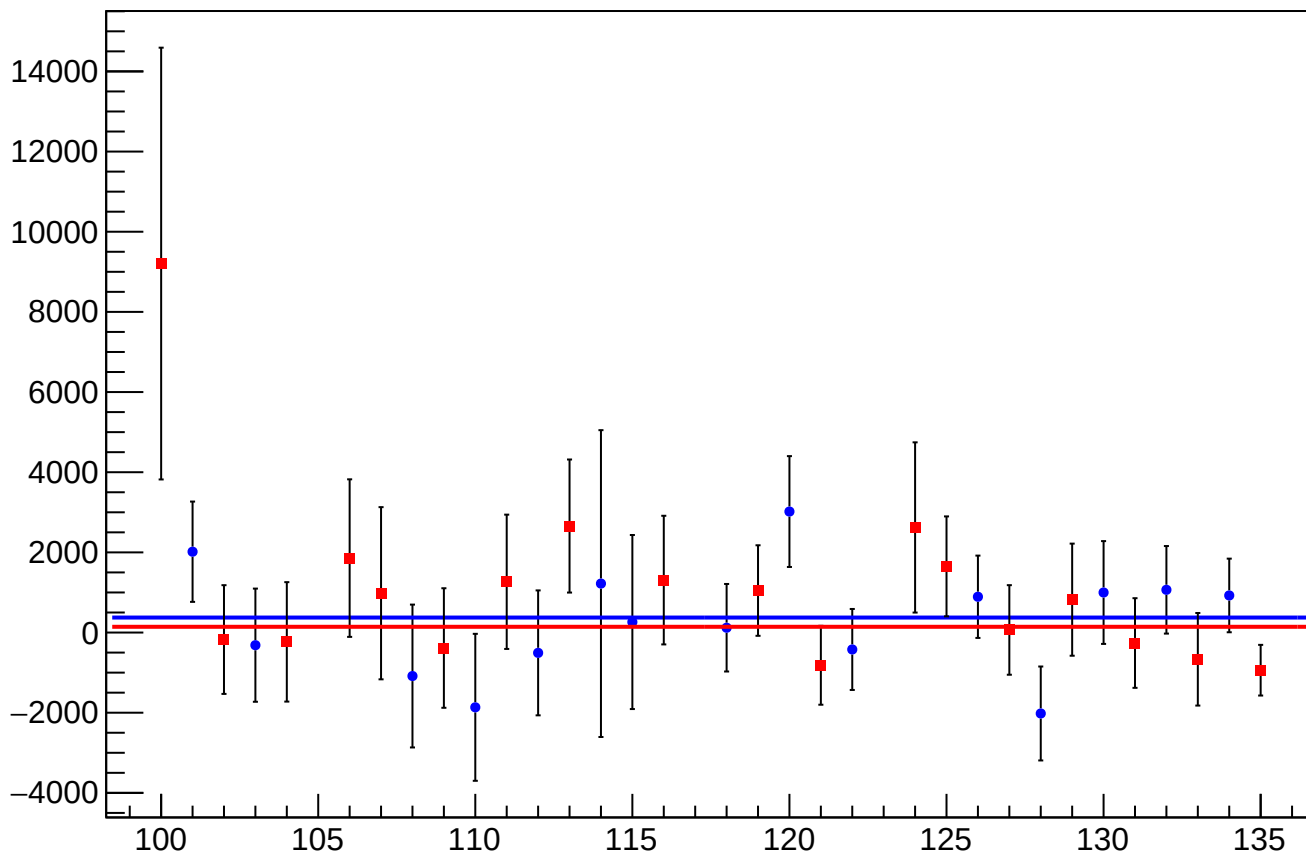
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 76.060 ± 0.015 $\chi^2/\text{NDF}: 881550.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_26_dd_reg_correction_mean vs Slug



Right In: 374.213+/-331.594 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 143.542+/-300.064 χ^2/NDF : 15.5/17

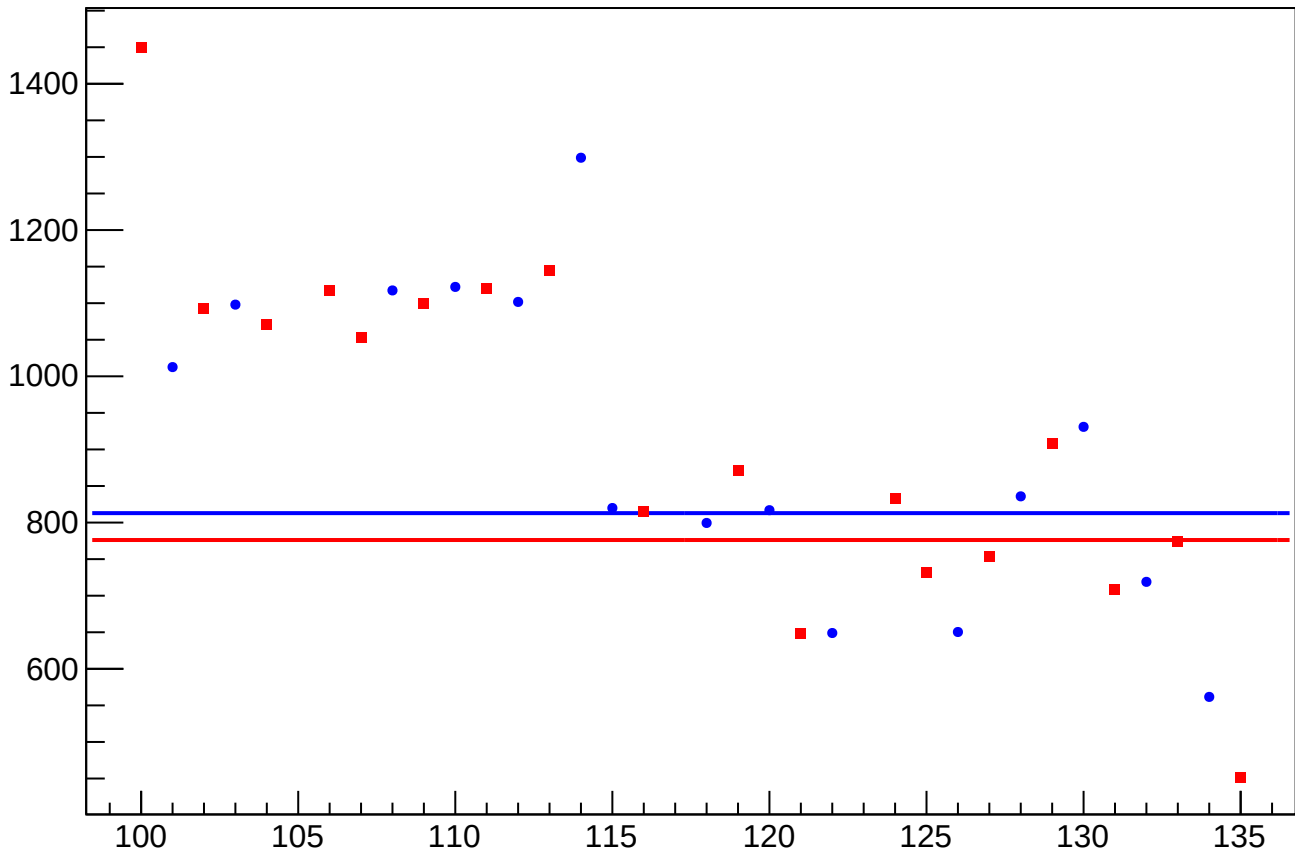
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 247.392+/-222.491 χ^2/NDF : 30.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_reg_correction_rms vs Slug



Right In: 812.907+/-0.234 χ^2/NDF : 634122.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

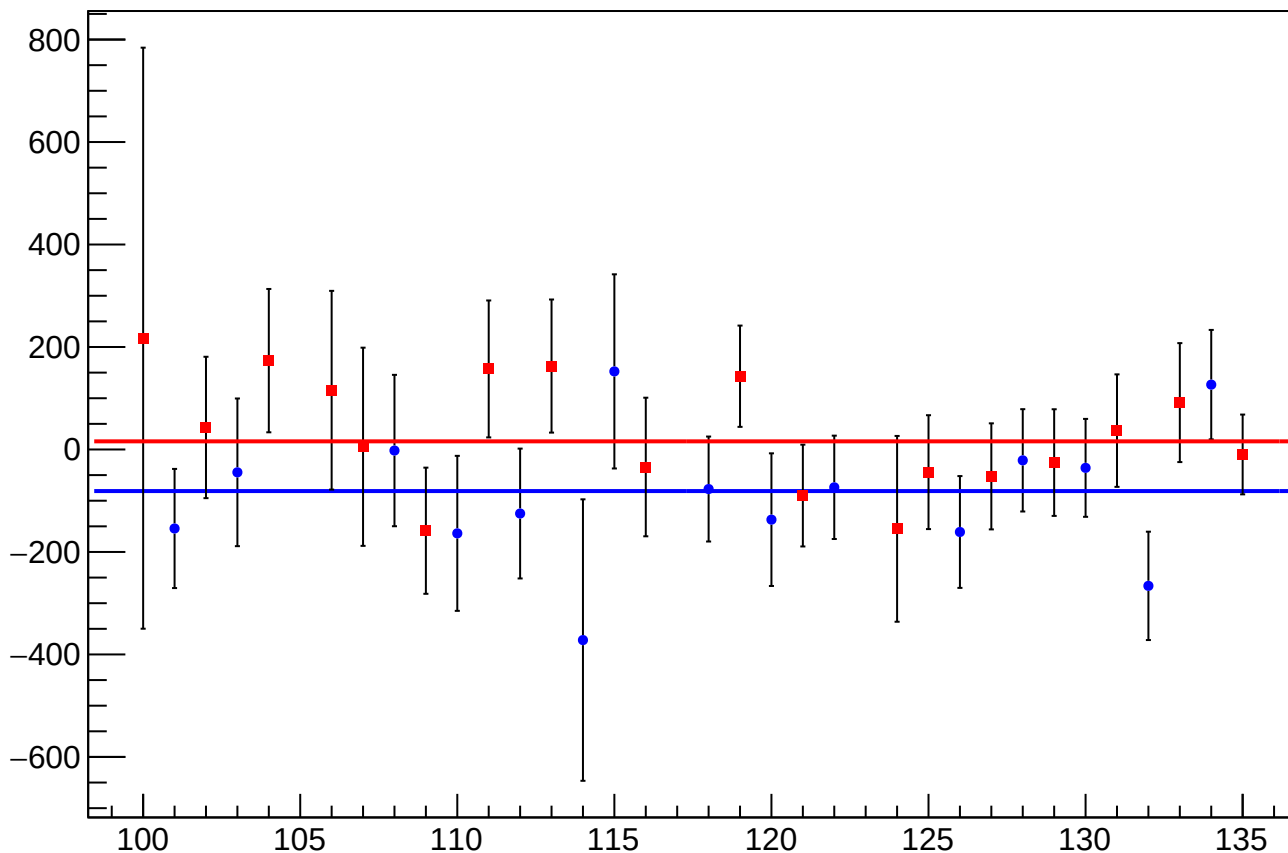
Right Out: 776.145+/-0.212 χ^2/NDF : 1195205.4/17

All: 792.695+/-0.157 χ^2/NDF : 1842843.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_15_26_dd_mean vs Slug



Right In: -81.166 $\pm$ 31.019 χ^2 /NDF: 12.0/14

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

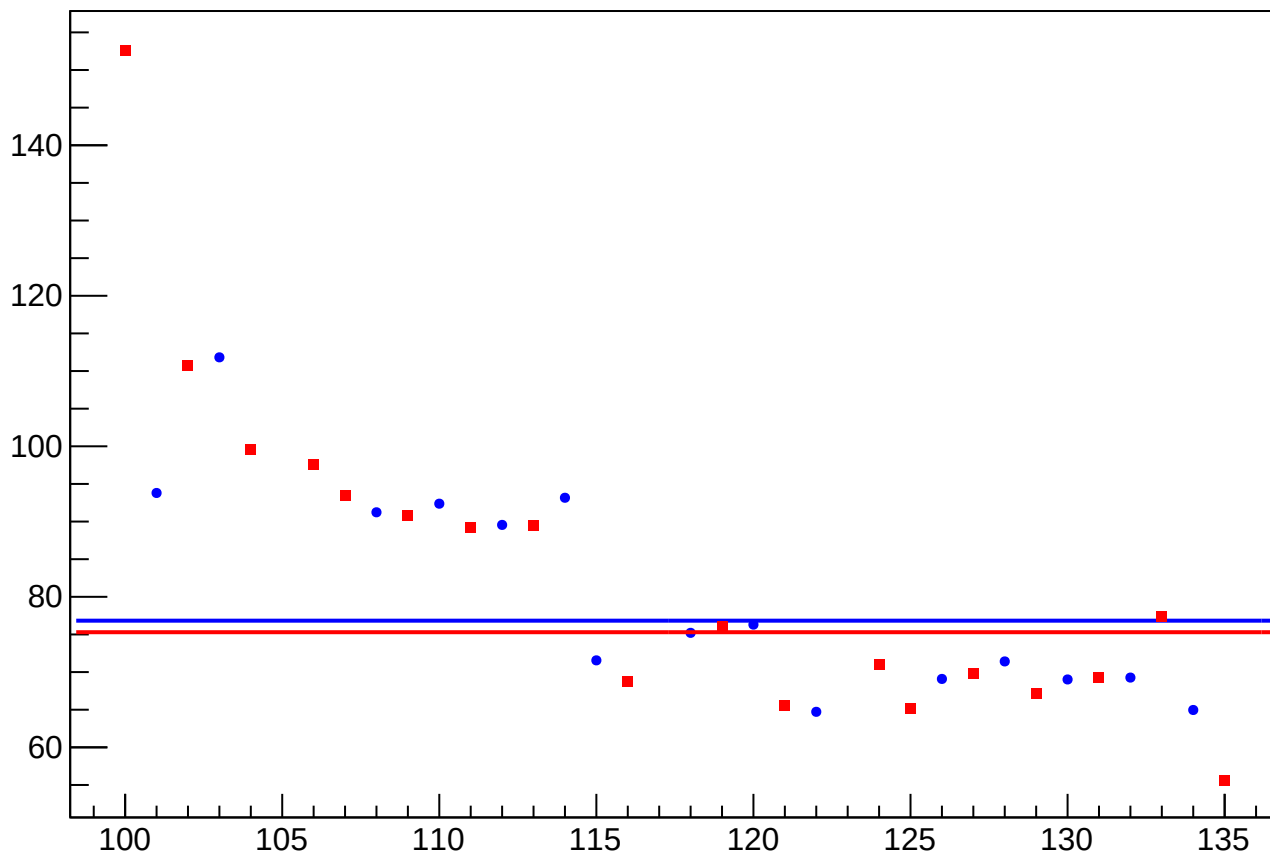
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -28.786 $\pm$ 21.042 χ^2 /NDF: 28.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_15_26_dd_rms vs Slug



Right In: 76.831+/-0.022 χ^2/NDF : 323039.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 75.298+/-0.020 χ^2/NDF : 545513.4/17

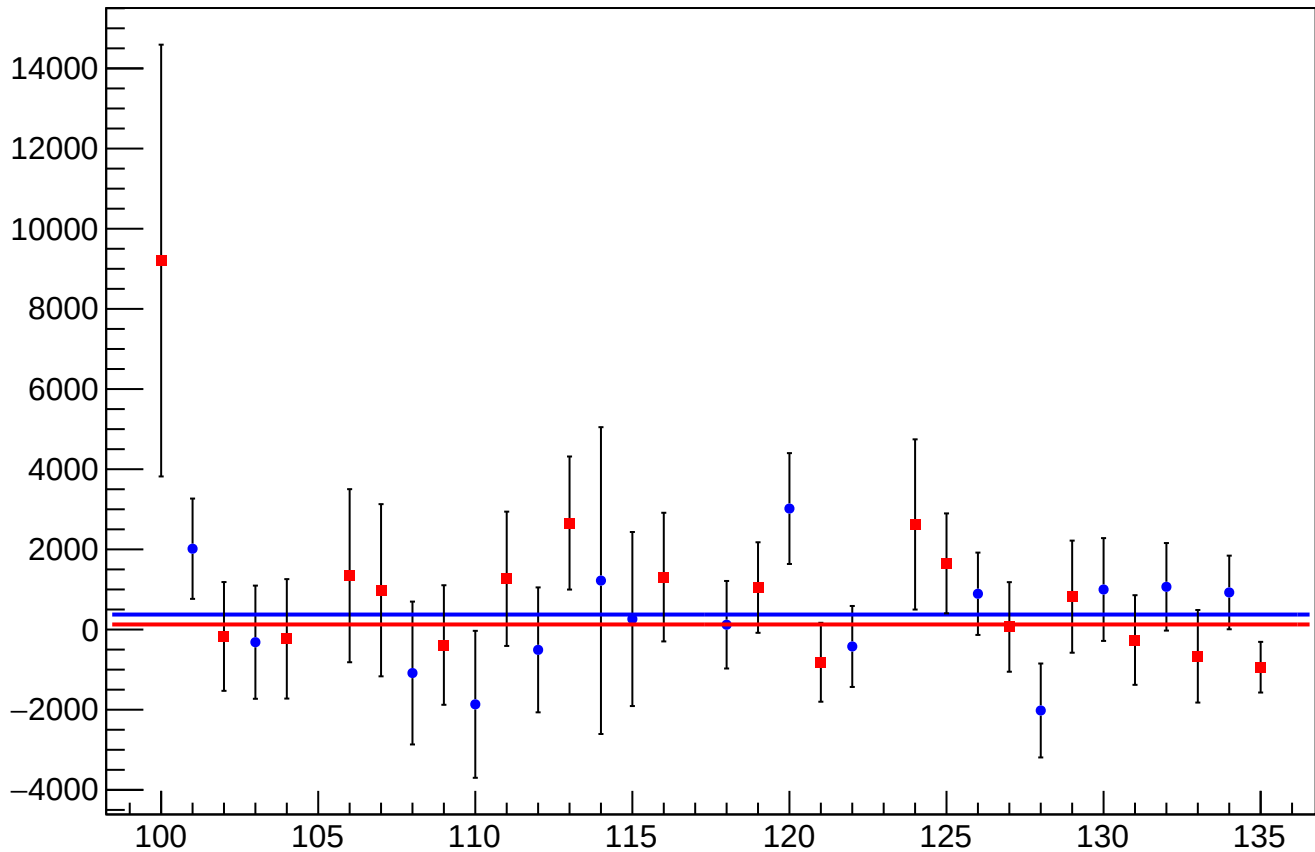
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.003+/-0.015 χ^2/NDF : 871191.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_mean vs Slug



Right In: 374.188+/-331.595 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.861+/-300.675 χ^2/NDF : 15.0/17

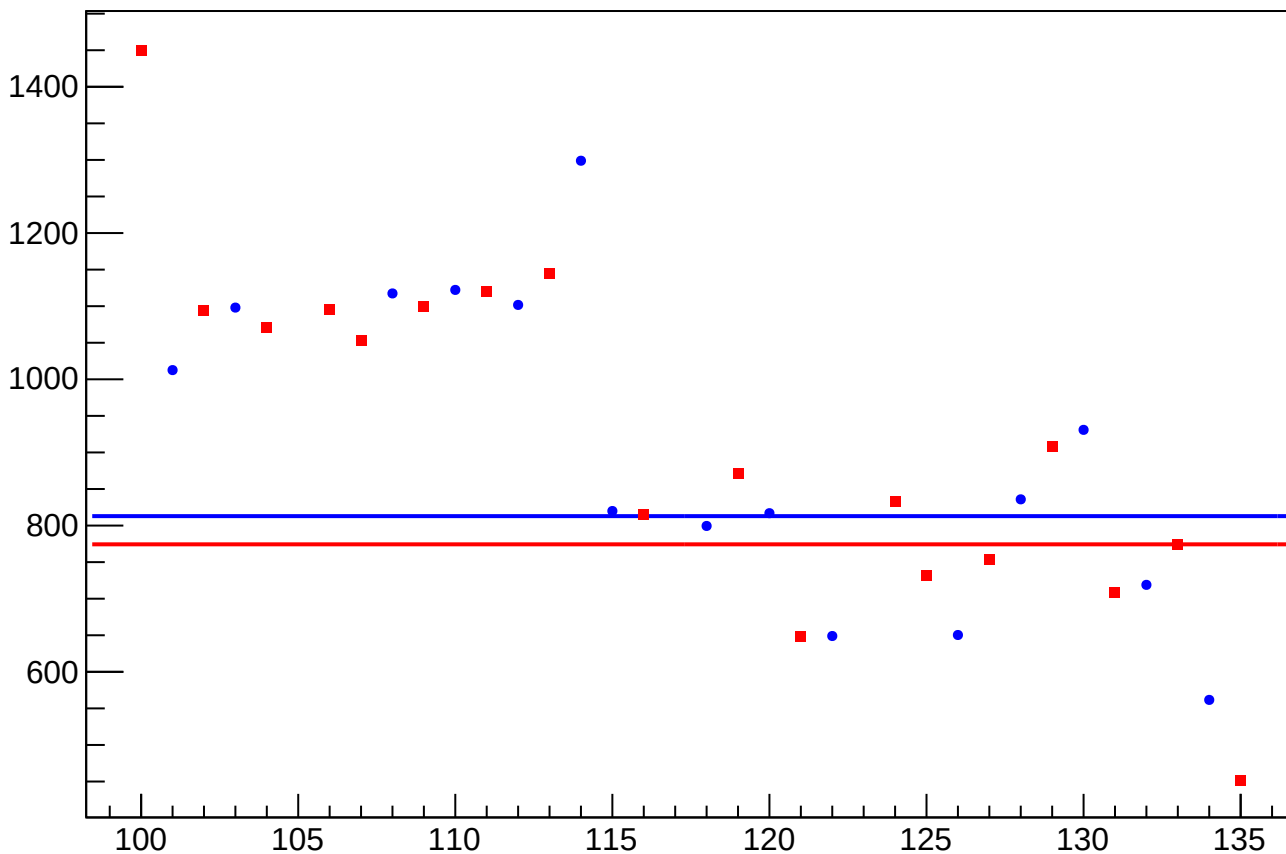
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.458+/-222.740 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_cor_correction_rms vs Slug



Right In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.346+/-0.213 χ^2/NDF : 1178638.1/17

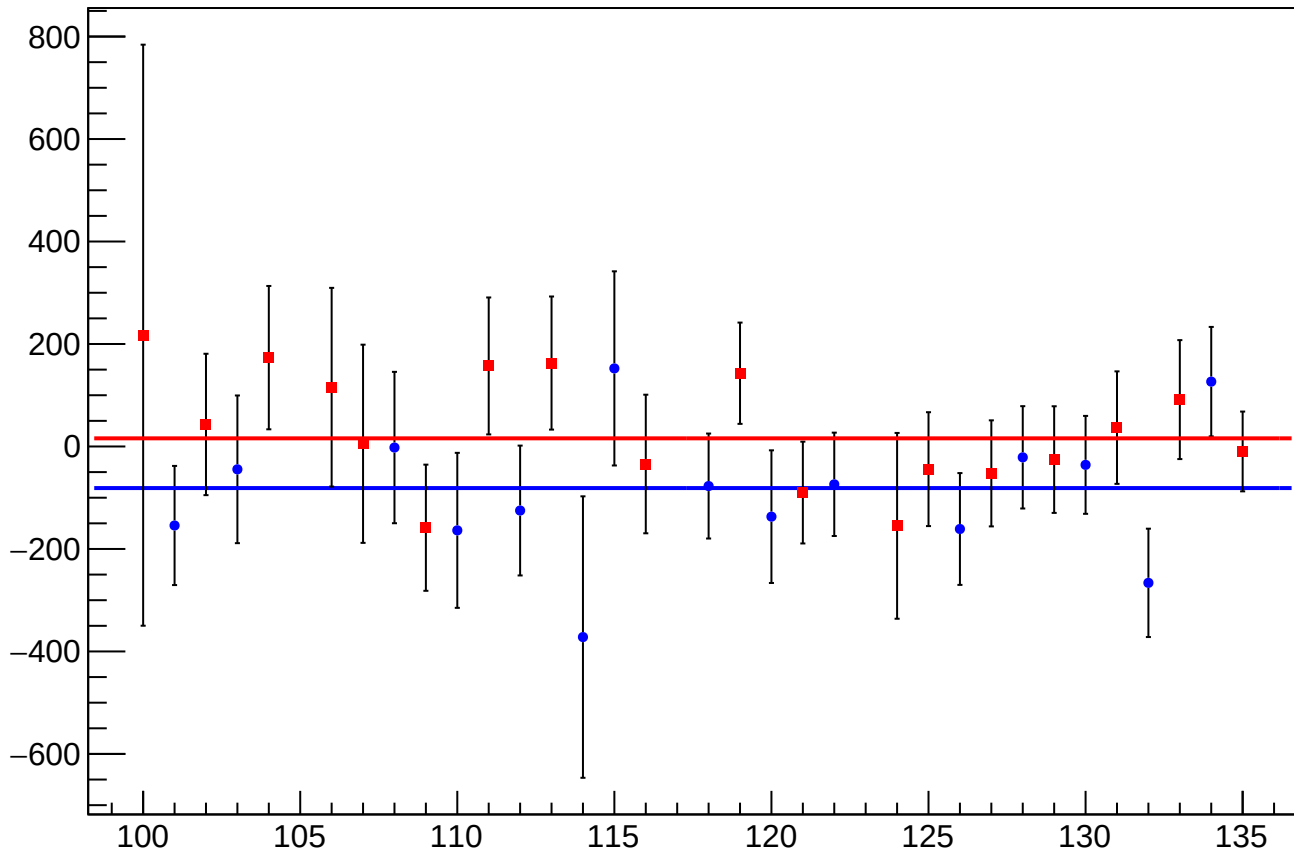
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.746+/-0.158 χ^2/NDF : 1827629.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_mean vs Slug



Right In: -81.166+/-31.019 χ^2/NDF : 12.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.871+/-28.640 χ^2/NDF : 11.4/17

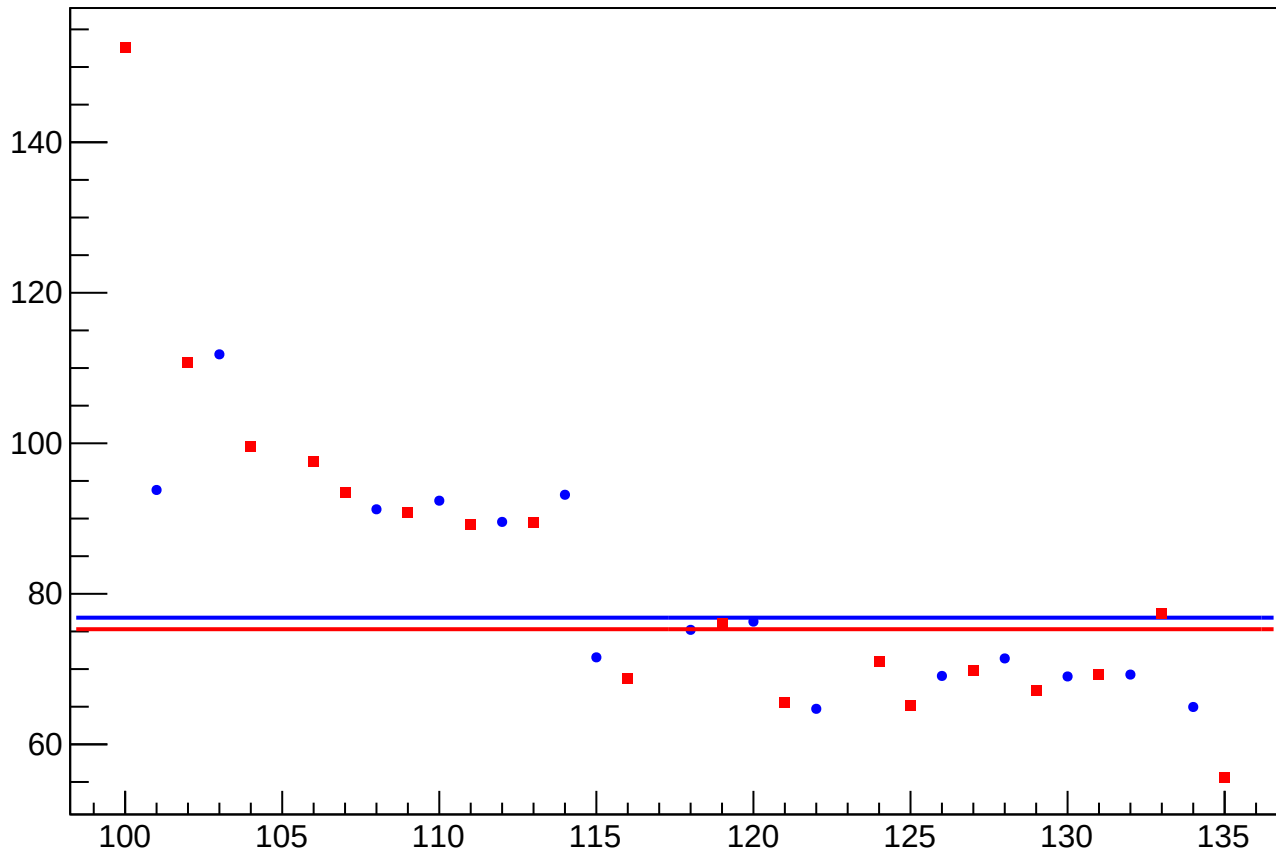
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -28.786+/-21.042 χ^2/NDF : 28.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_15_26_dd_rms vs Slug



Right In: 76.831 $\pm$ 0.022 χ^2 /NDF: 323039.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 75.298 $\pm$ 0.020 χ^2 /NDF: 545513.4/17

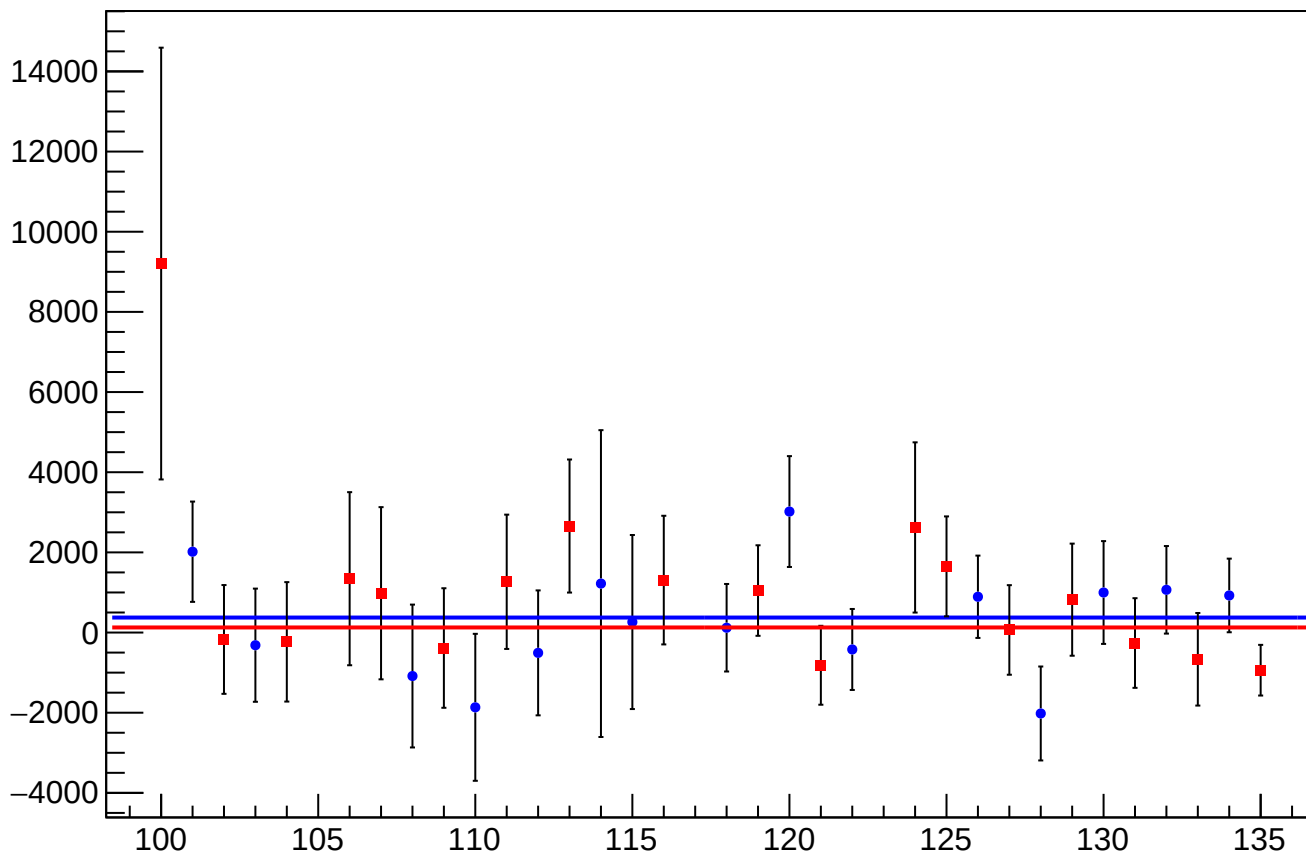
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 76.003 $\pm$ 0.015 χ^2 /NDF: 871191.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_mean vs Slug



Right In: 374.188+/-331.595 χ^2/NDF : 14.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 126.861+/-300.675 χ^2/NDF : 15.0/17

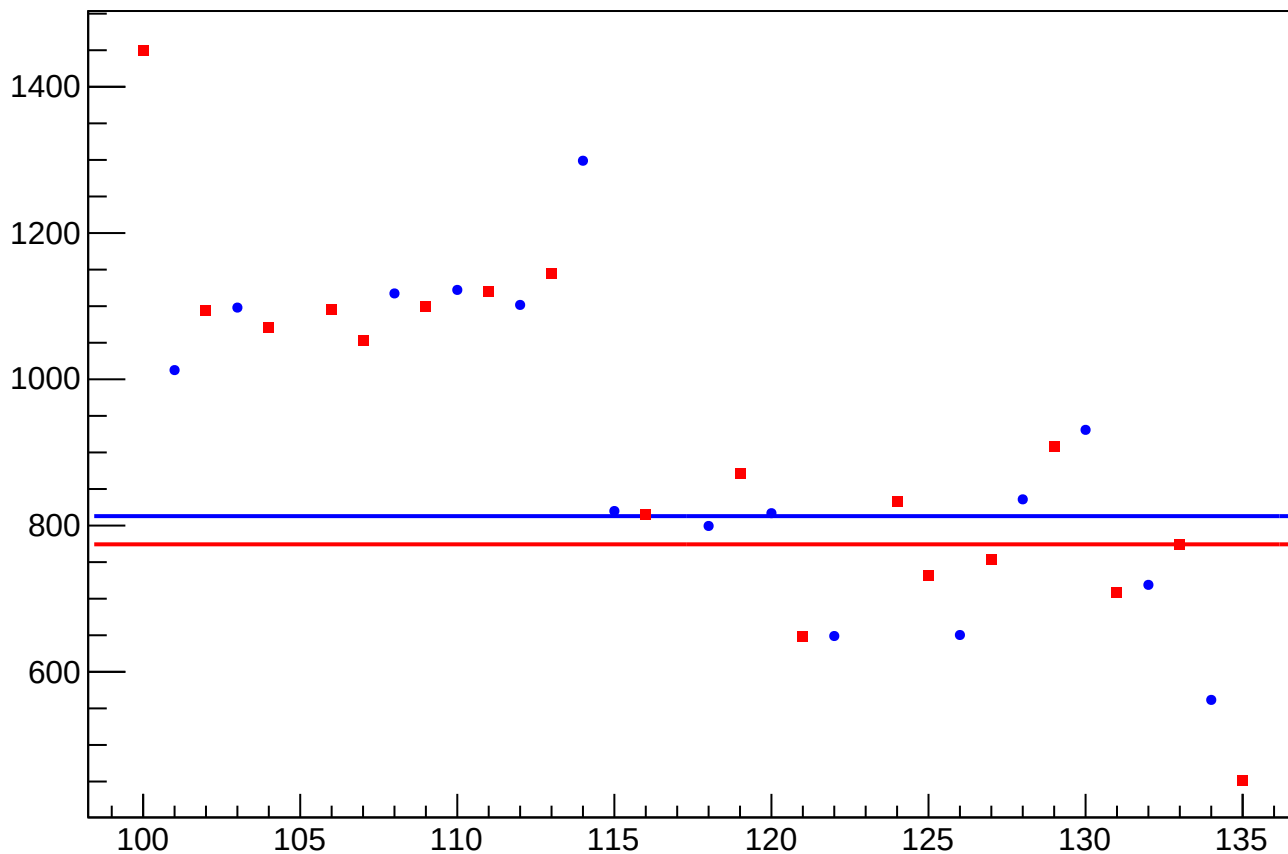
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 238.458+/-222.740 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_correction_rms vs Slug



Right In: 812.908+/-0.234 χ^2/NDF : 634147.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 774.346+/-0.213 χ^2/NDF : 1178638.1/17

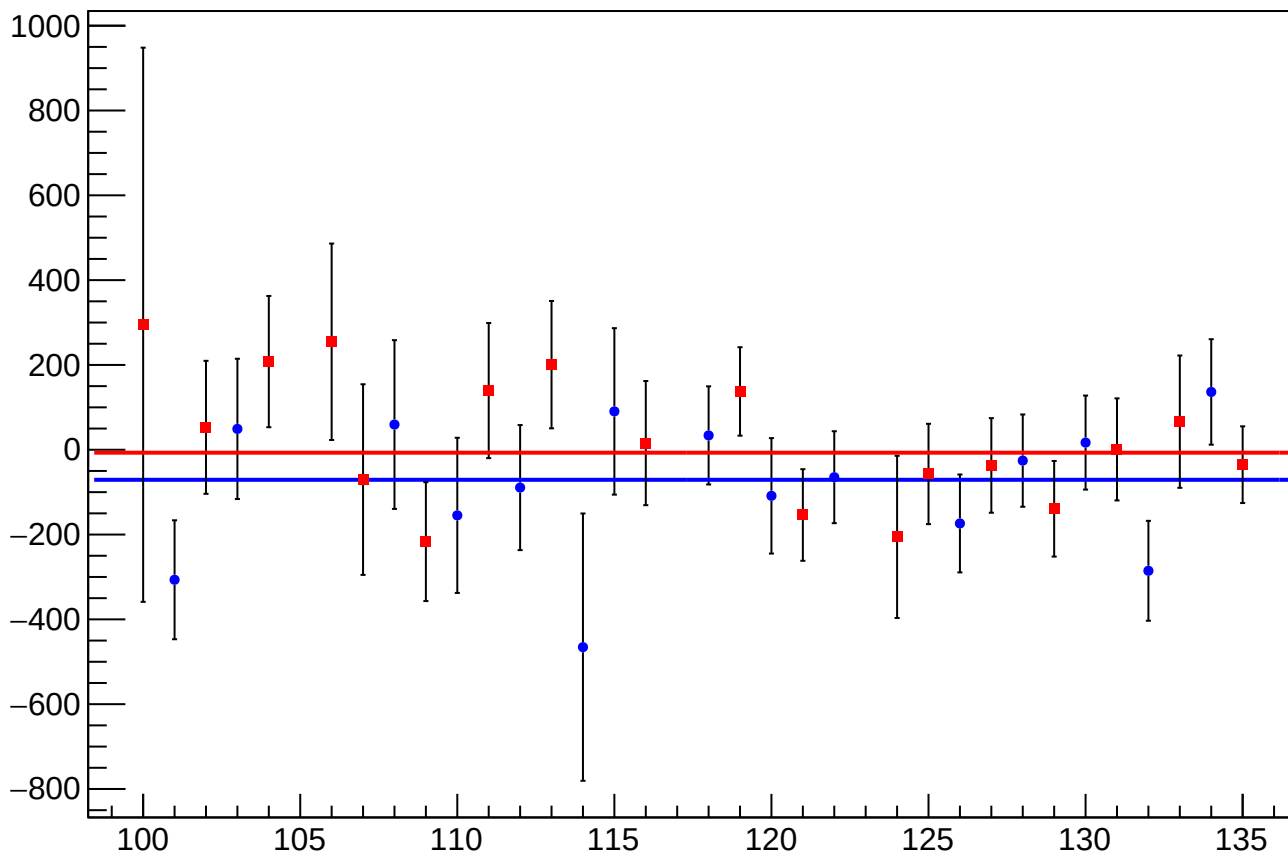
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 791.746+/-0.158 χ^2/NDF : 1827629.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_mean vs Slug



Right In: -70.828 ± 35.012 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.921 ± 32.073 χ^2/NDF : 15.5/17

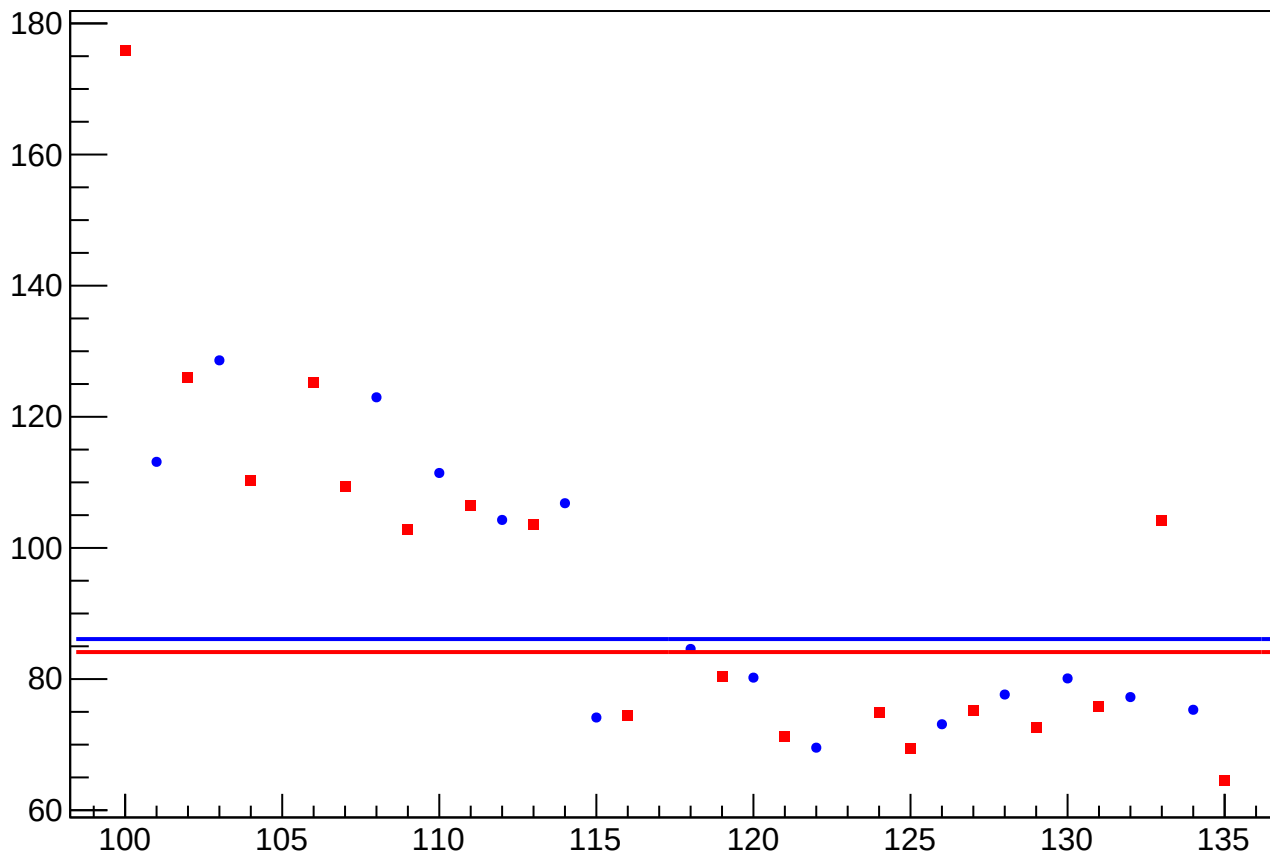
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -36.081 ± 23.650 χ^2/NDF : 32.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_15_26_dd_rms vs Slug



Right In: 86.101 $\pm$ 0.025 χ^2 /NDF: 480213.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 84.119 $\pm$ 0.023 χ^2 /NDF: 680701.7/17

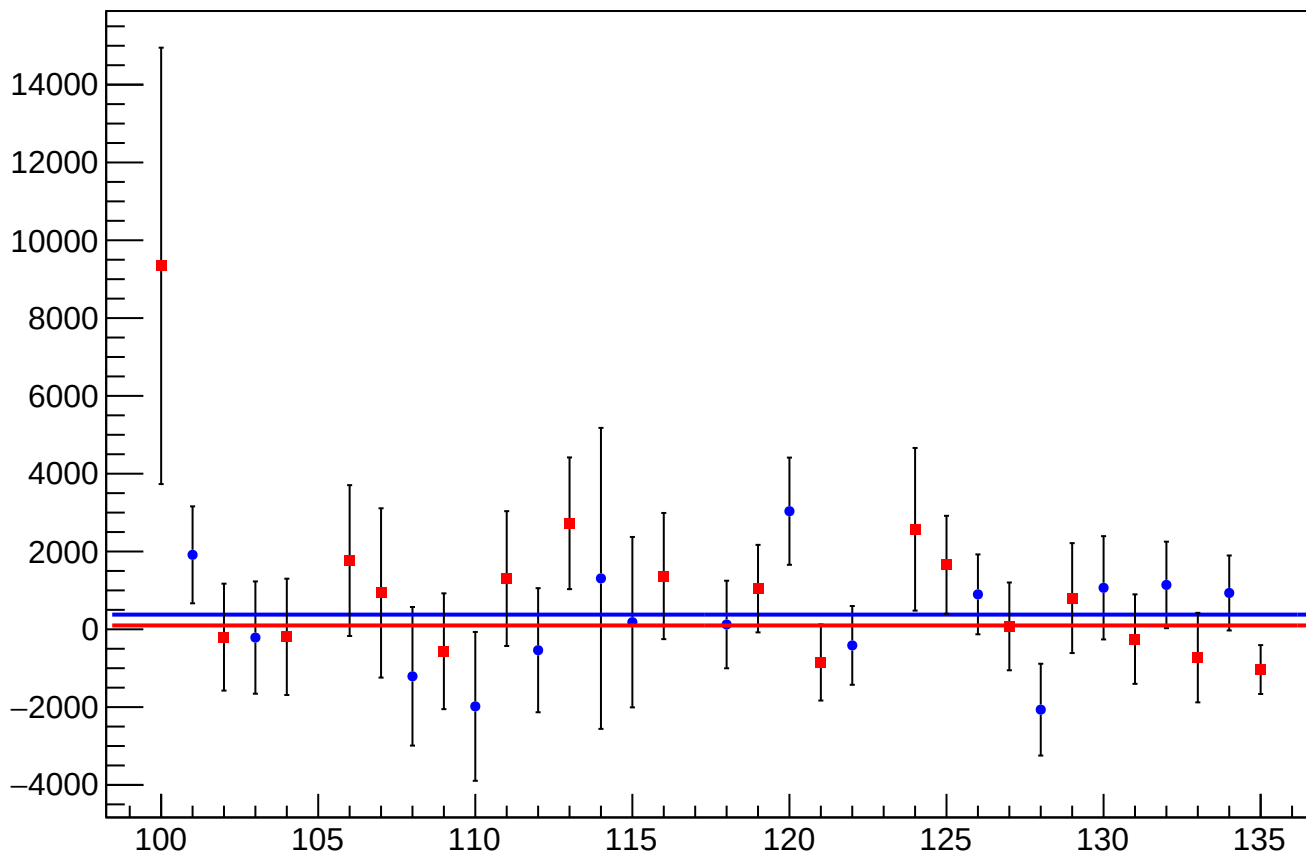
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.023 $\pm$ 0.017 χ^2 /NDF: 1164396.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_mean vs Slug



Right In: 377.548 $\pm$ 337.243 χ^2 /NDF: 14.4/14

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

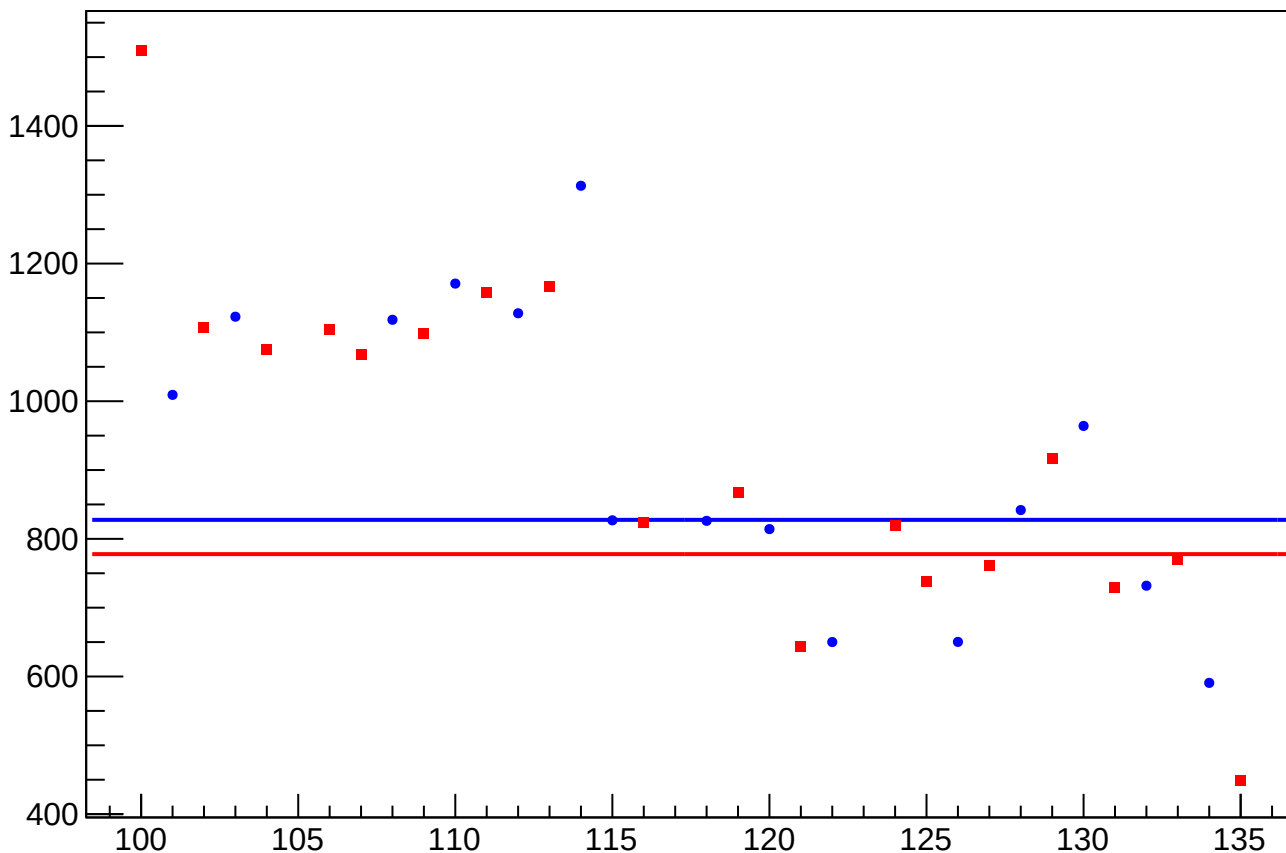
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 222.725 $\pm$ 224.632 χ^2 /NDF: 30.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_correction_rms vs Slug



Right In: 827.617+/-0.238 χ^2/NDF : 624511.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 777.822+/-0.213 χ^2/NDF : 1240777.4/17

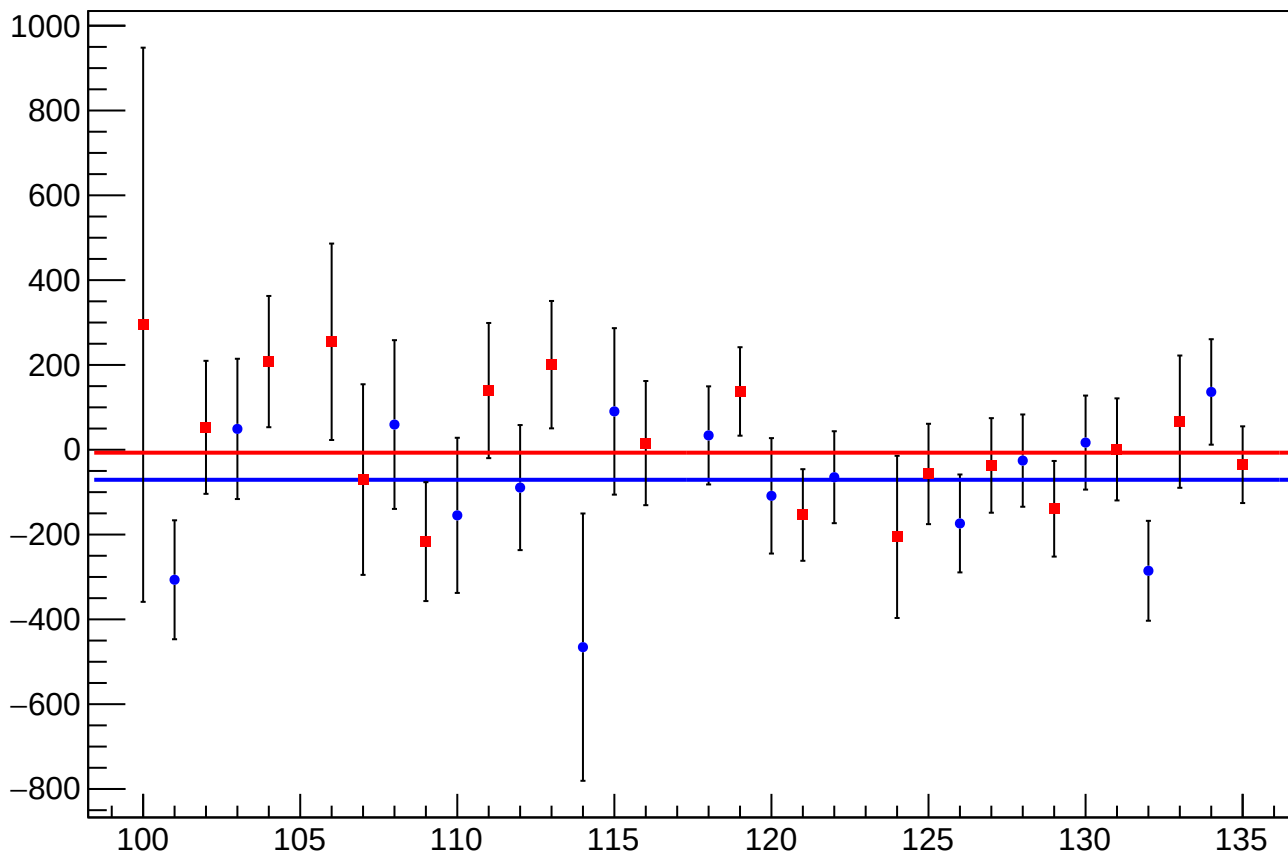
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.914+/-0.159 χ^2/NDF : 1889546.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_15_26_dd_mean vs Slug



Right In: -70.829 $\pm$ 35.012 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.921 $\pm$ 32.073 χ^2 /NDF: 15.5/17

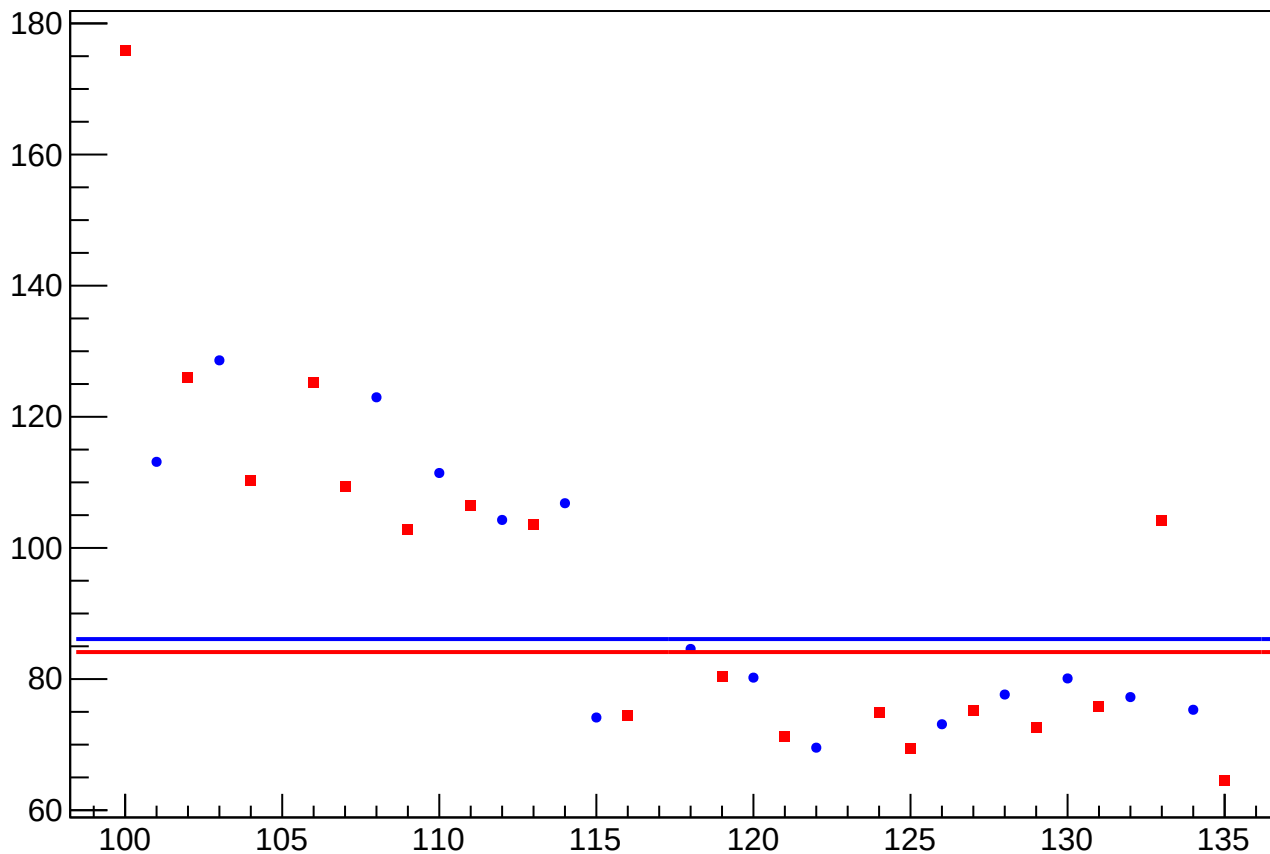
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -36.081 $\pm$ 23.650 χ^2 /NDF: 32.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_15_26_dd_rms vs Slug



Right In: 86.100 $\pm$ 0.025 χ^2 /NDF: 480204.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 84.119 $\pm$ 0.023 χ^2 /NDF: 680692.2/17

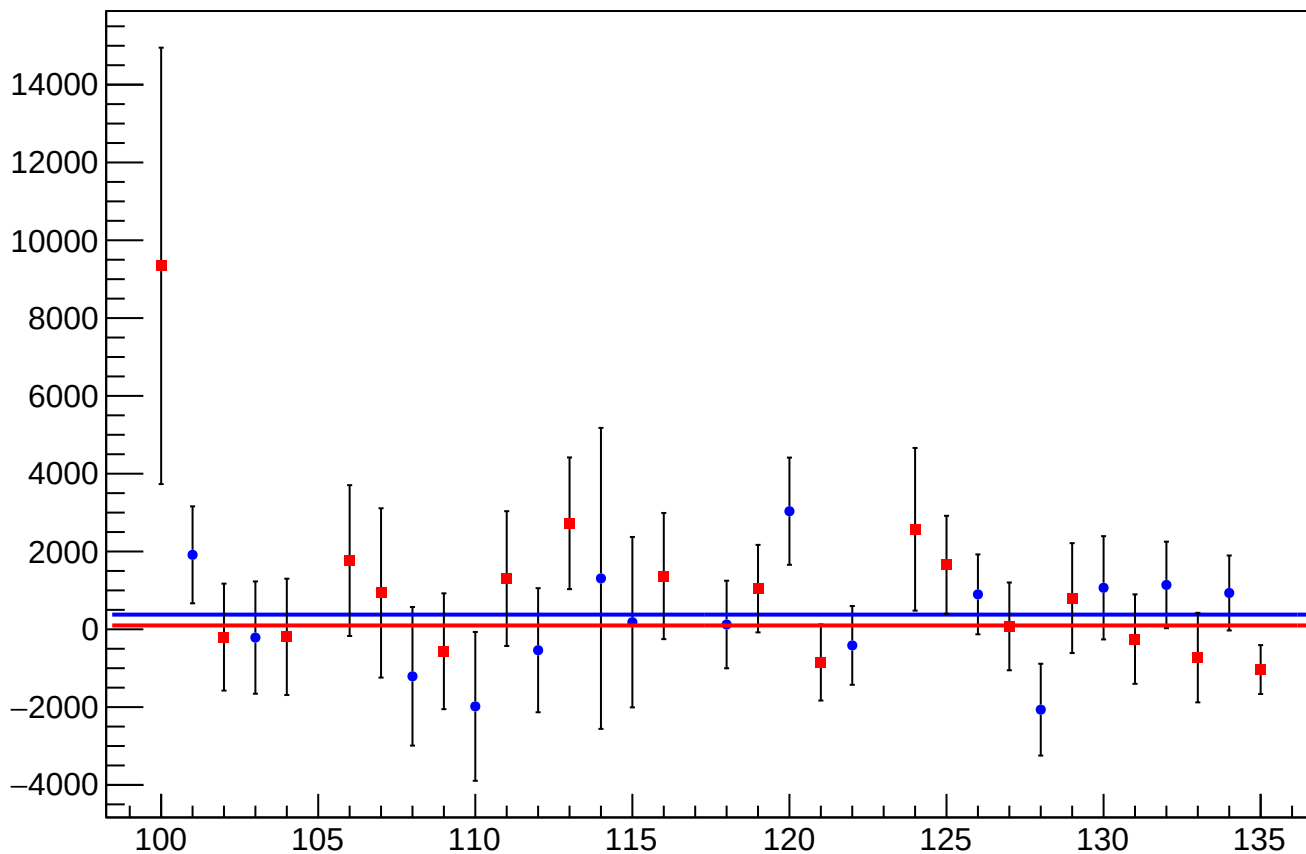
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 85.023 $\pm$ 0.017 χ^2 /NDF: 1164378.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_mean vs Slug



Right In: 377.547+/-337.242 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 99.258+/-301.164 χ^2 /NDF: 16.1/17

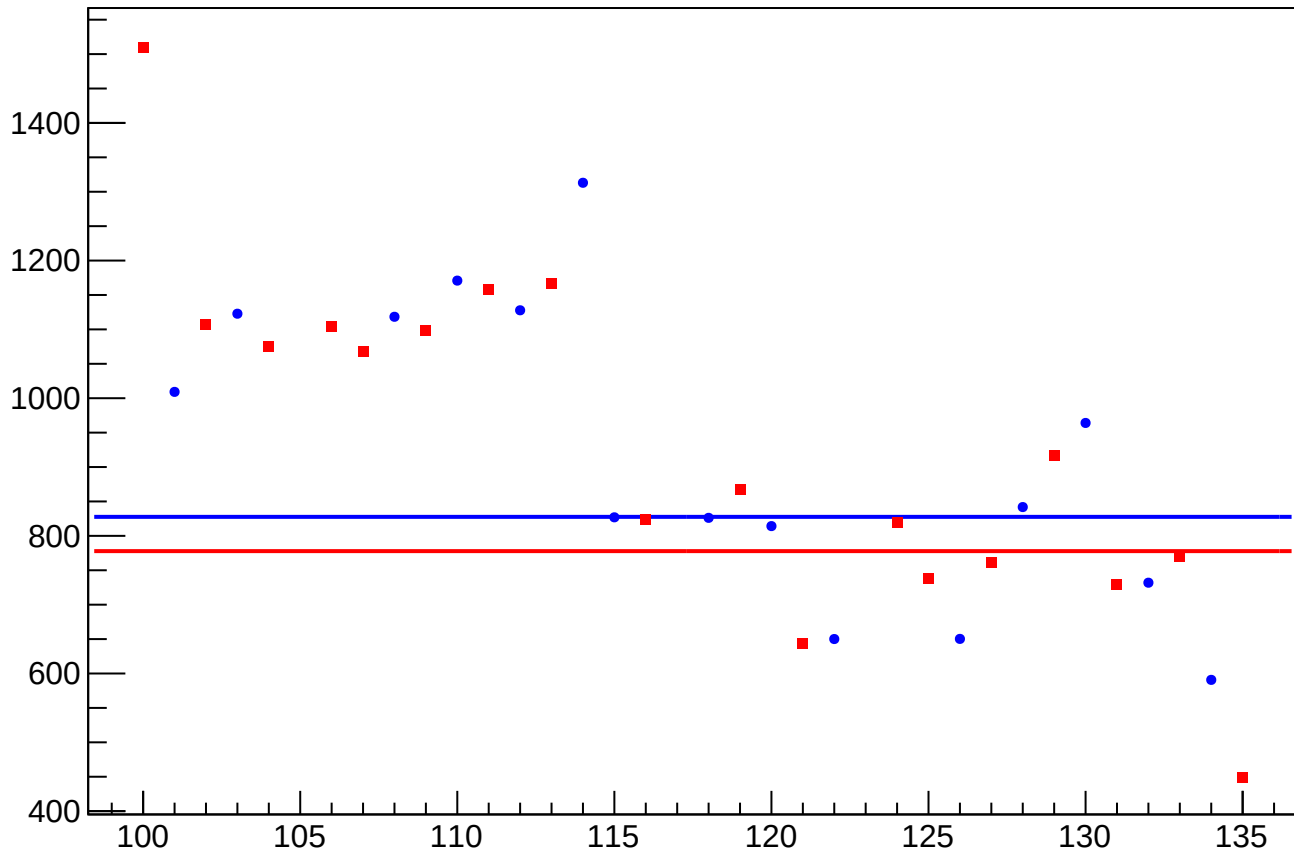
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 222.726+/-224.631 χ^2 /NDF: 30.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_correction_rms vs Slug



Right In: 827.615+/-0.238 χ^2/NDF : 624500.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 777.821+/-0.213 χ^2/NDF : 1240765.9/17

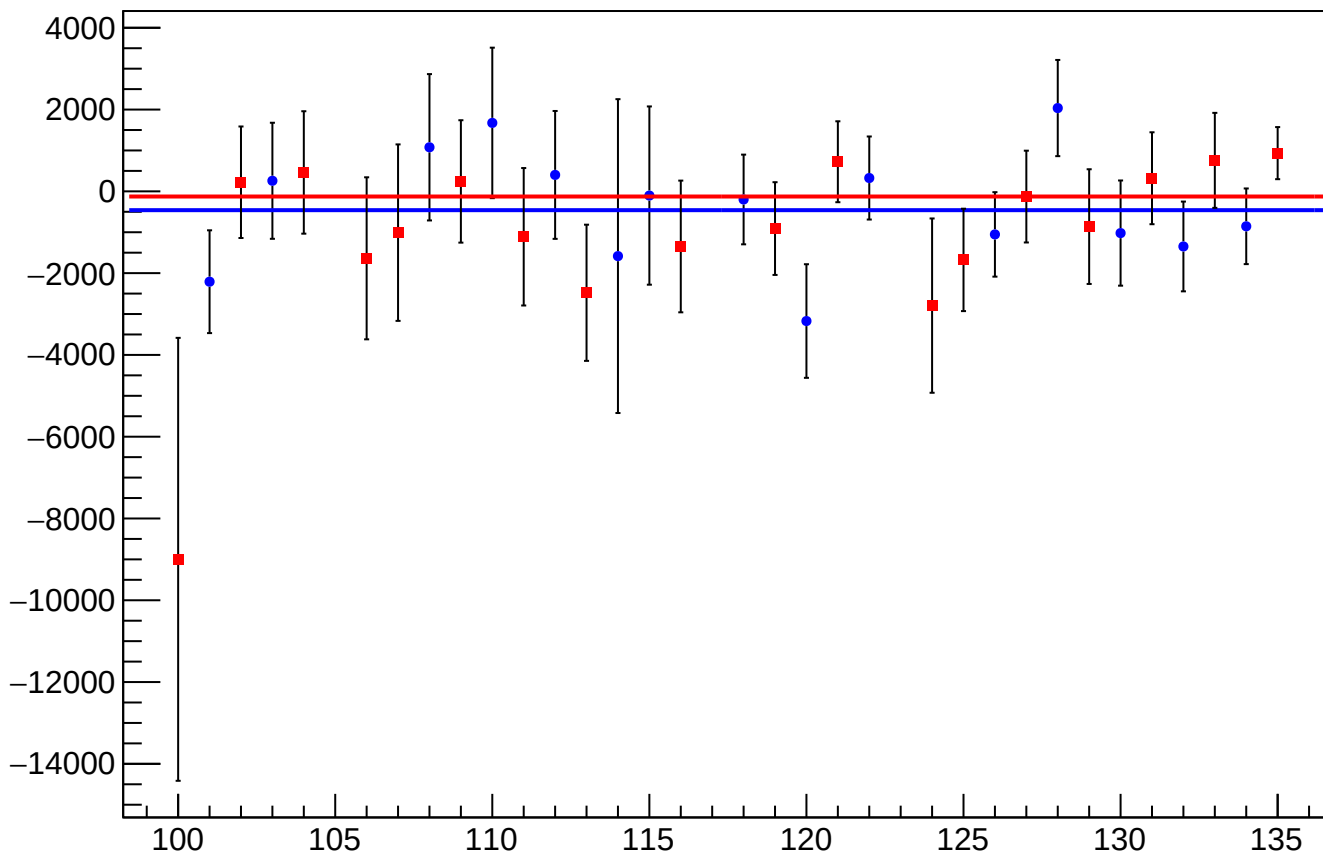
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 799.913+/-0.159 χ^2/NDF : 1889523.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_mean vs Slug



Right In: -460.224 ± 333.208 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -126.221 ± 301.627 χ^2/NDF : 14.7/17

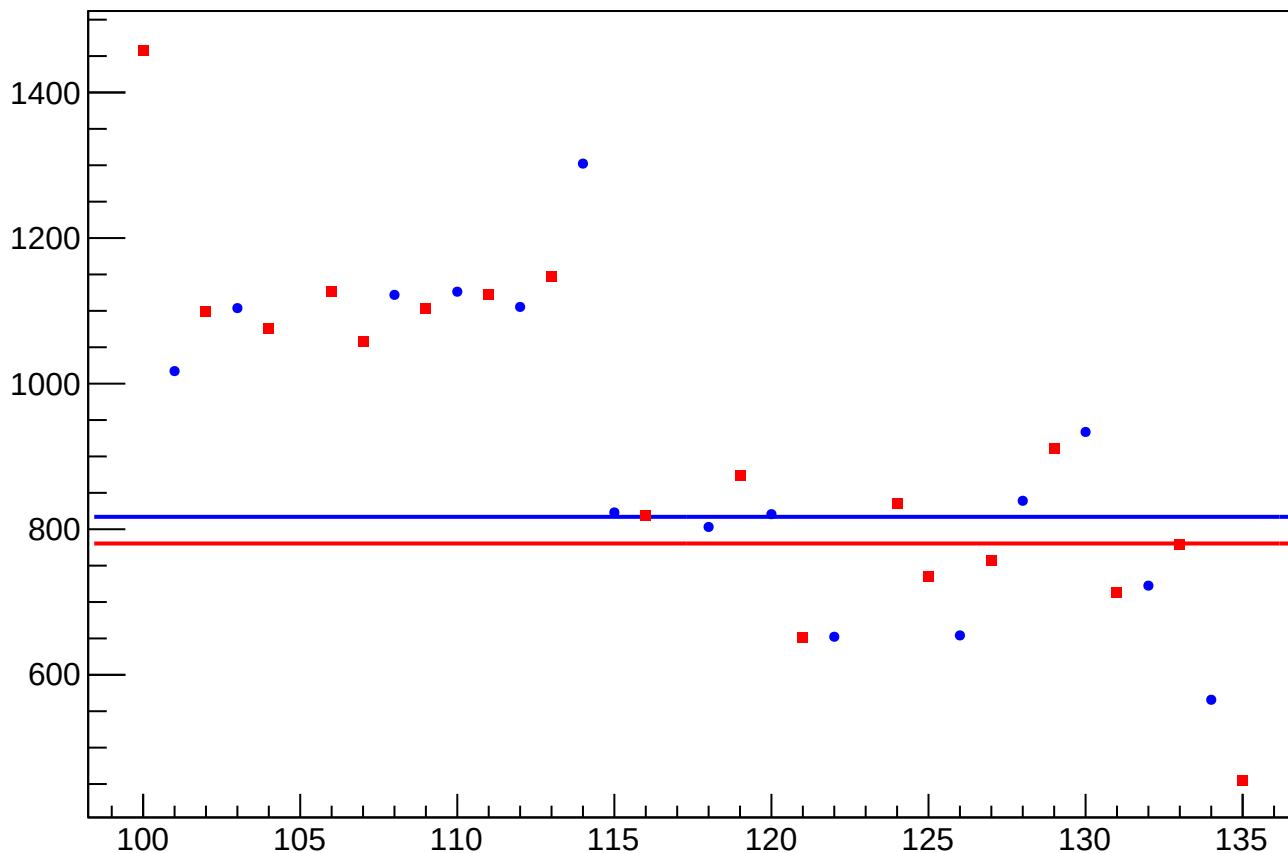
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -276.648 ± 223.616 χ^2/NDF : 30.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_rms vs Slug



Right In: 817.048 ± 0.236 $\chi^2/\text{NDF}: 629275.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

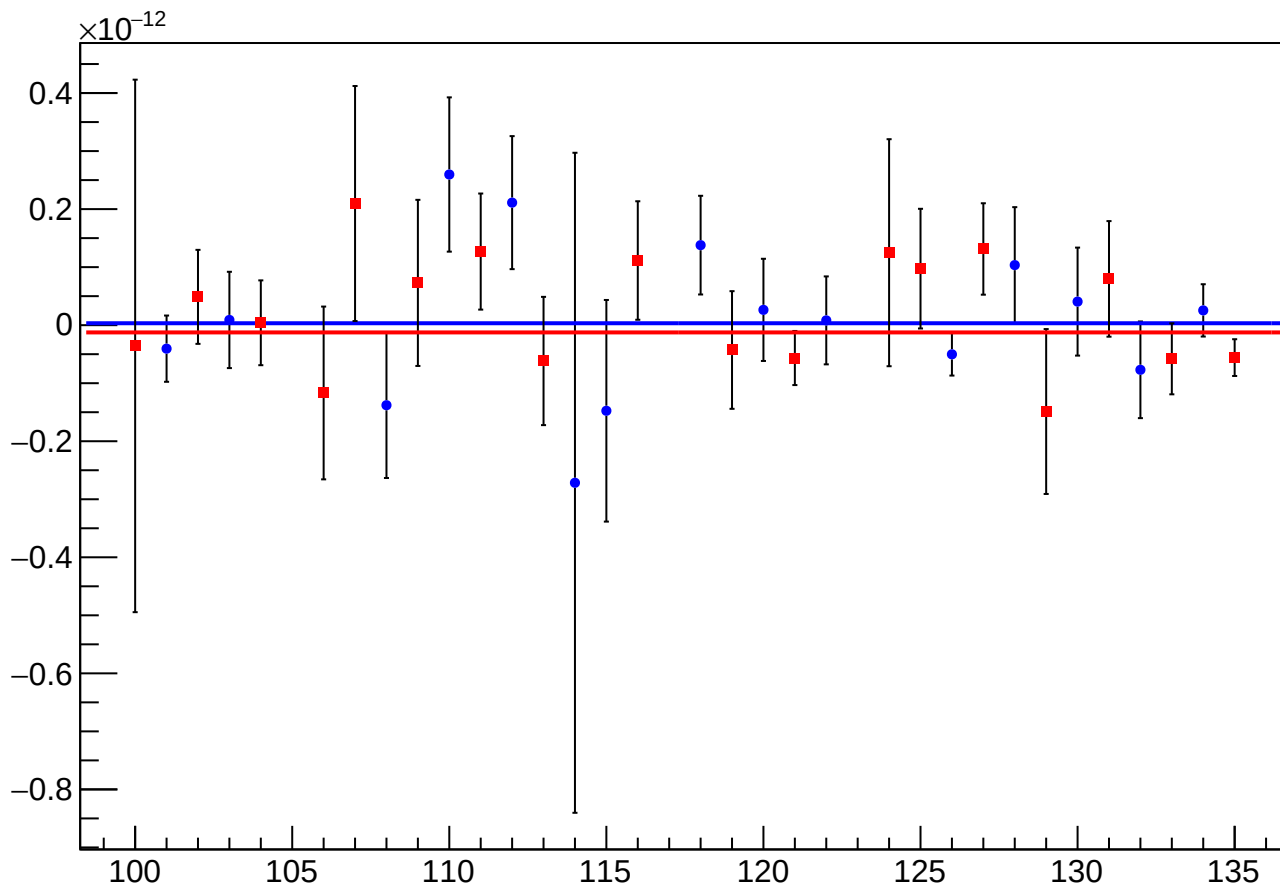
Right Out: 780.440 ± 0.213 $\chi^2/\text{NDF}: 1186273.1/17$

Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 796.927 ± 0.158 $\chi^2/\text{NDF}: 1828816.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 16.4/17

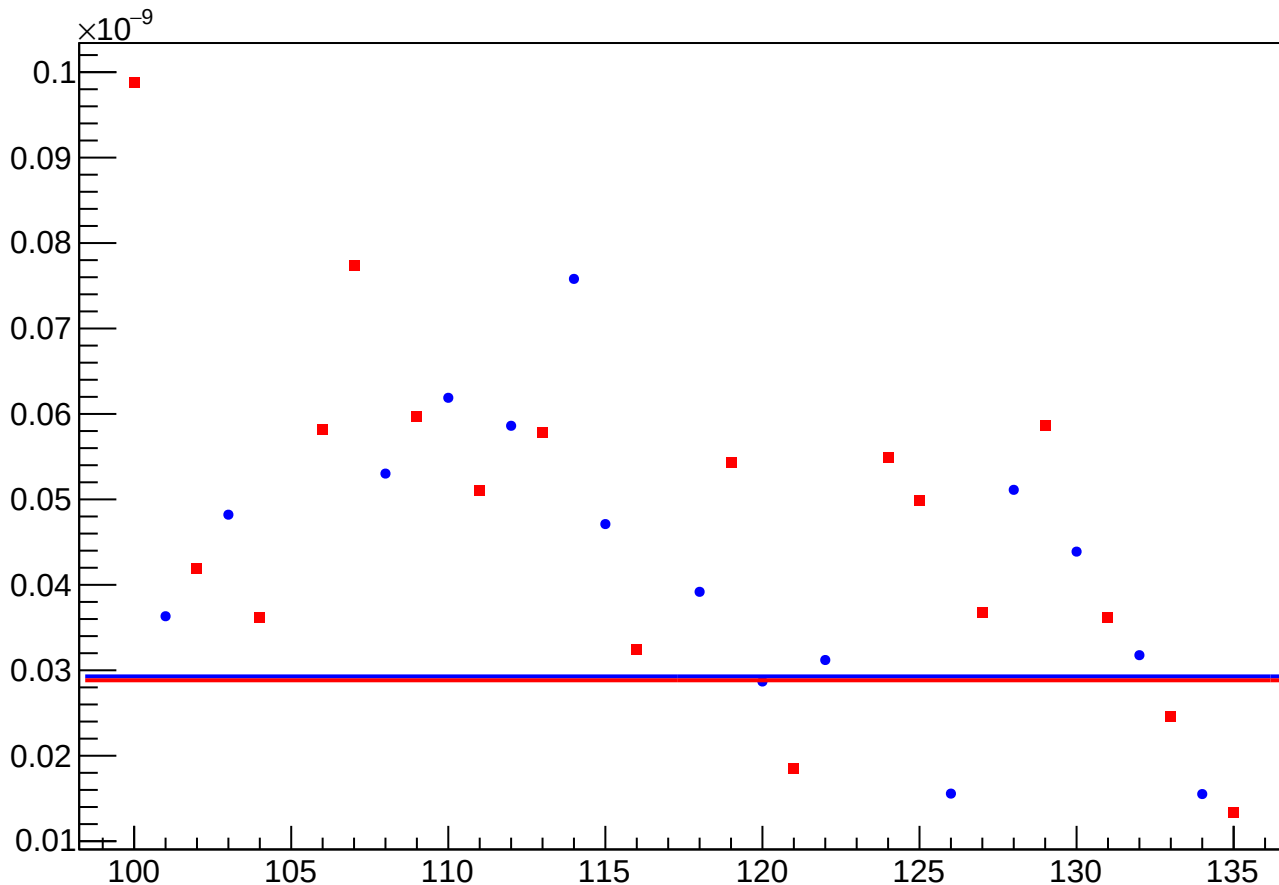
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 33.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1130240.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1591949.5/17

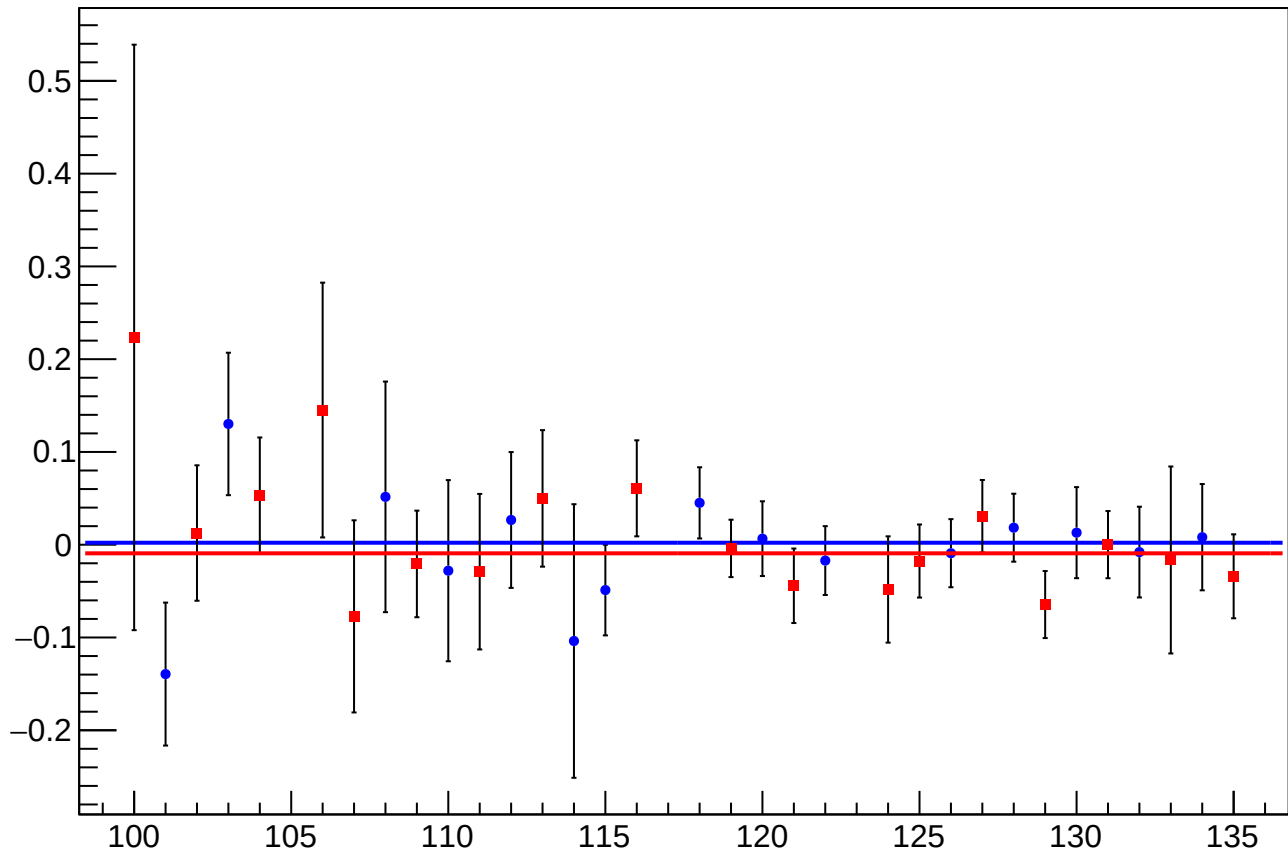
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2722775.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 ± 0.013 $\chi^2/\text{NDF}: 10.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.009 ± 0.012 $\chi^2/\text{NDF}: 11.0/17$

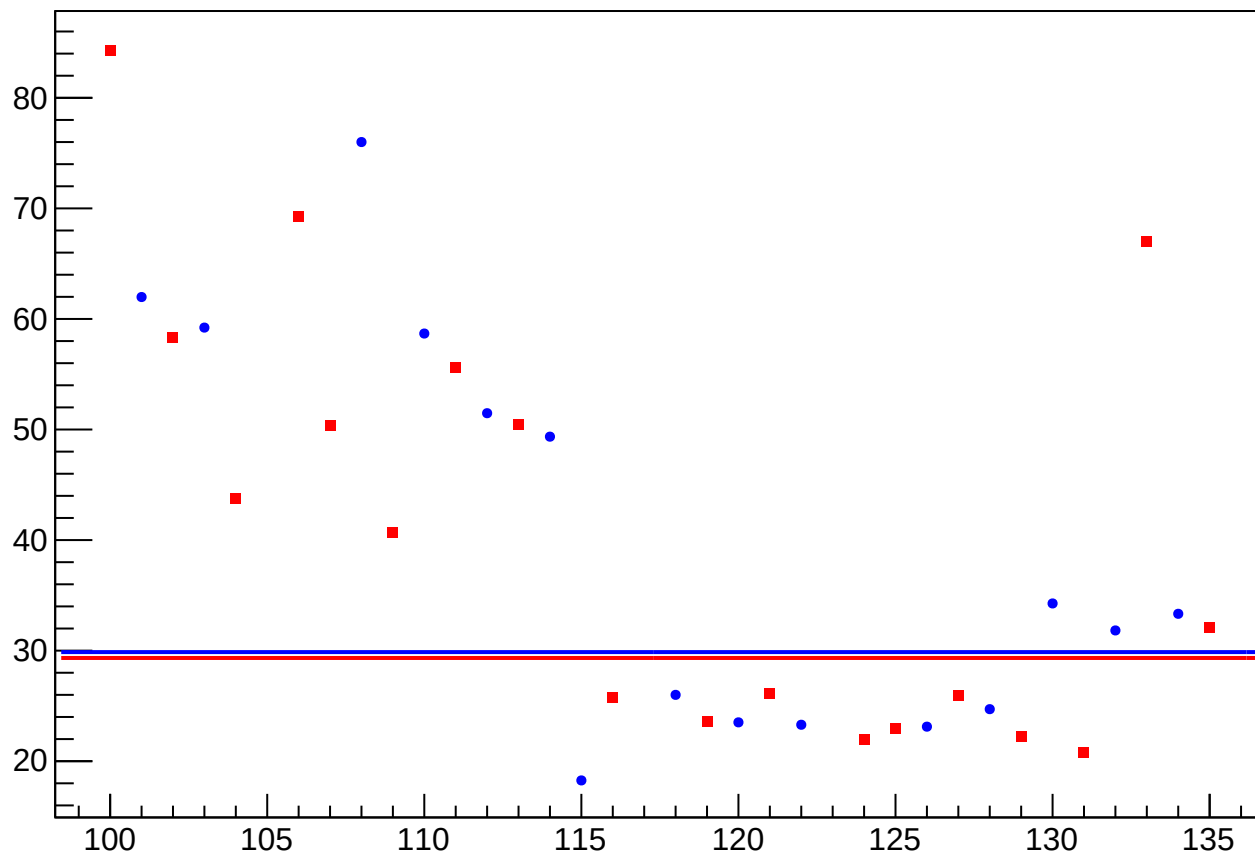
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.004 ± 0.009 $\chi^2/\text{NDF}: 21.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

asym_sam_15_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 29.868+/-0.009 χ^2/NDF : 1677862.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.337+/-0.008 χ^2/NDF : 1841088.6/17

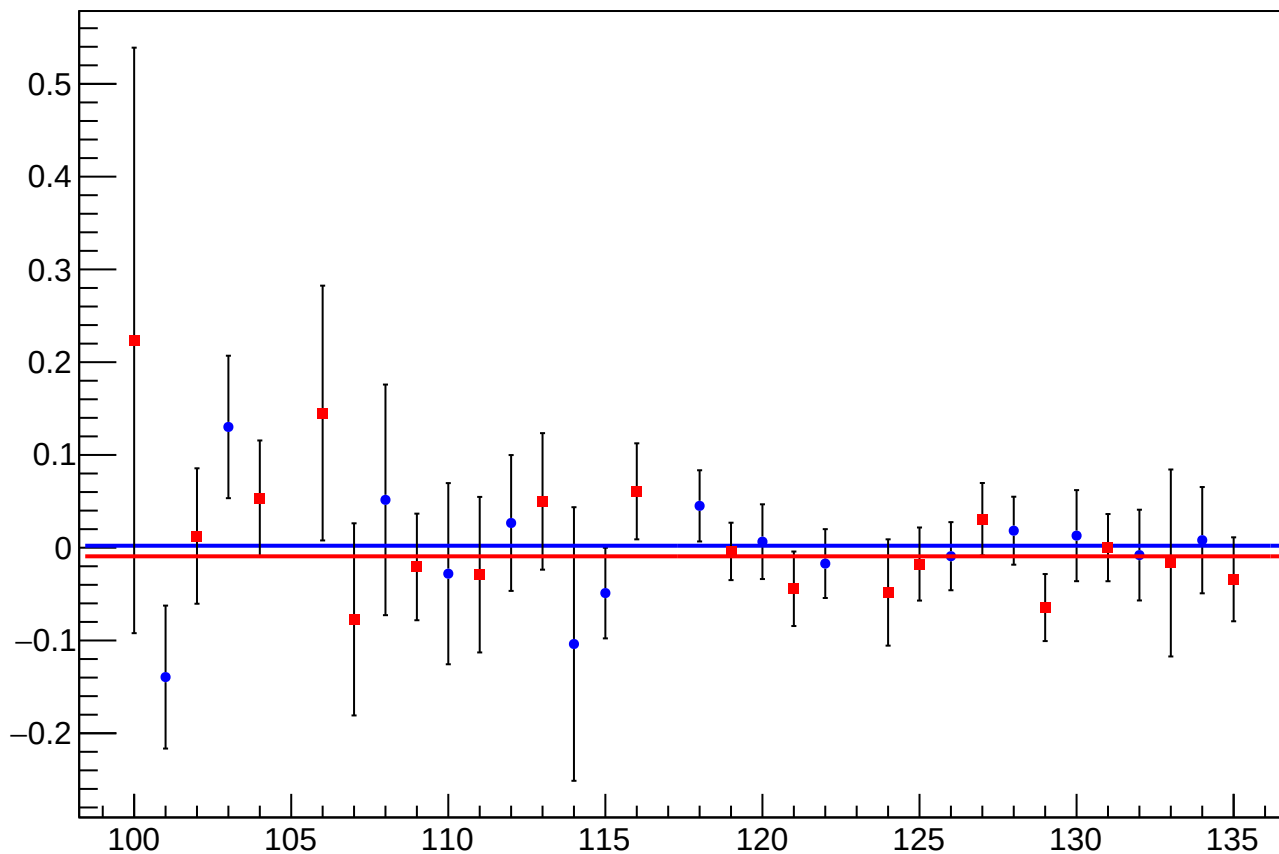
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.578+/-0.006 χ^2/NDF : 3520737.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

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

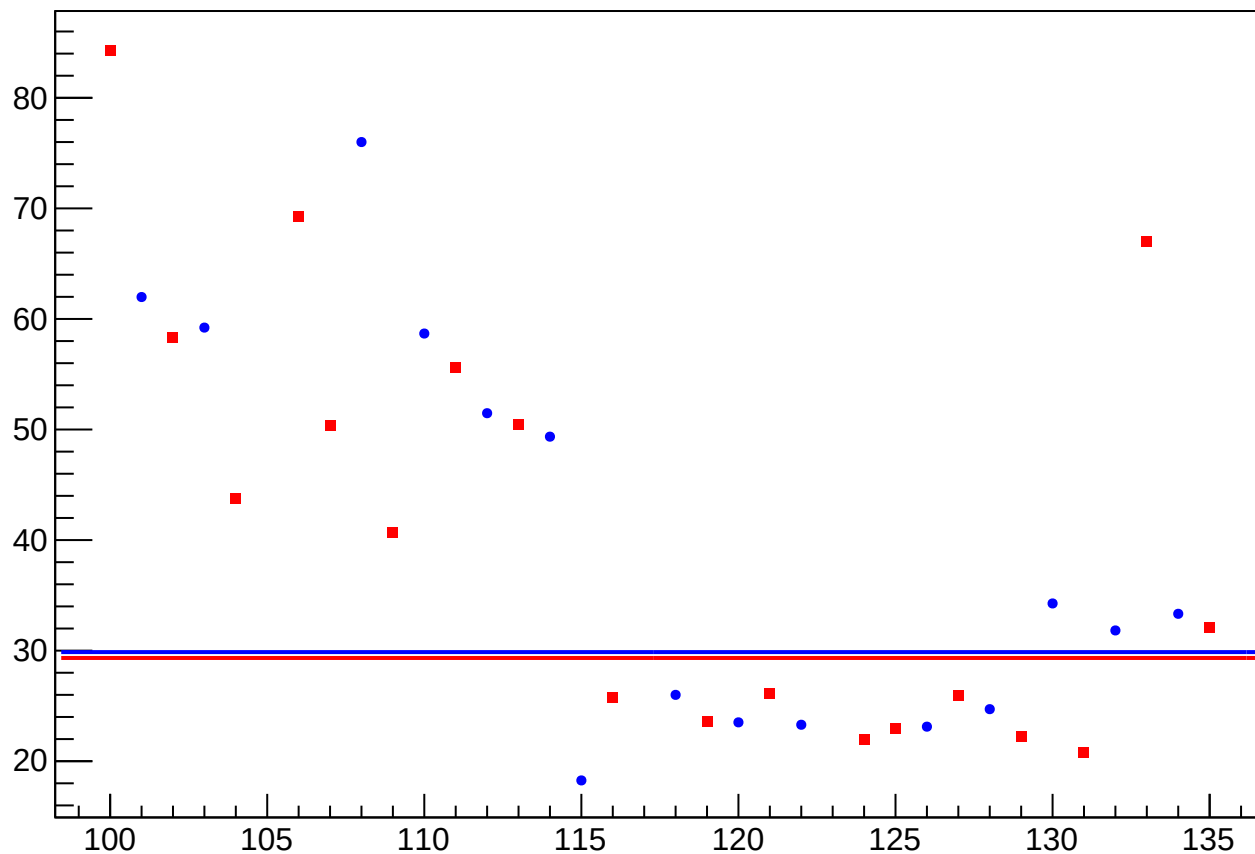
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.868+/-0.009 χ^2 /NDF: 1677862.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 29.337+/-0.008 χ^2 /NDF: 1841088.6/17

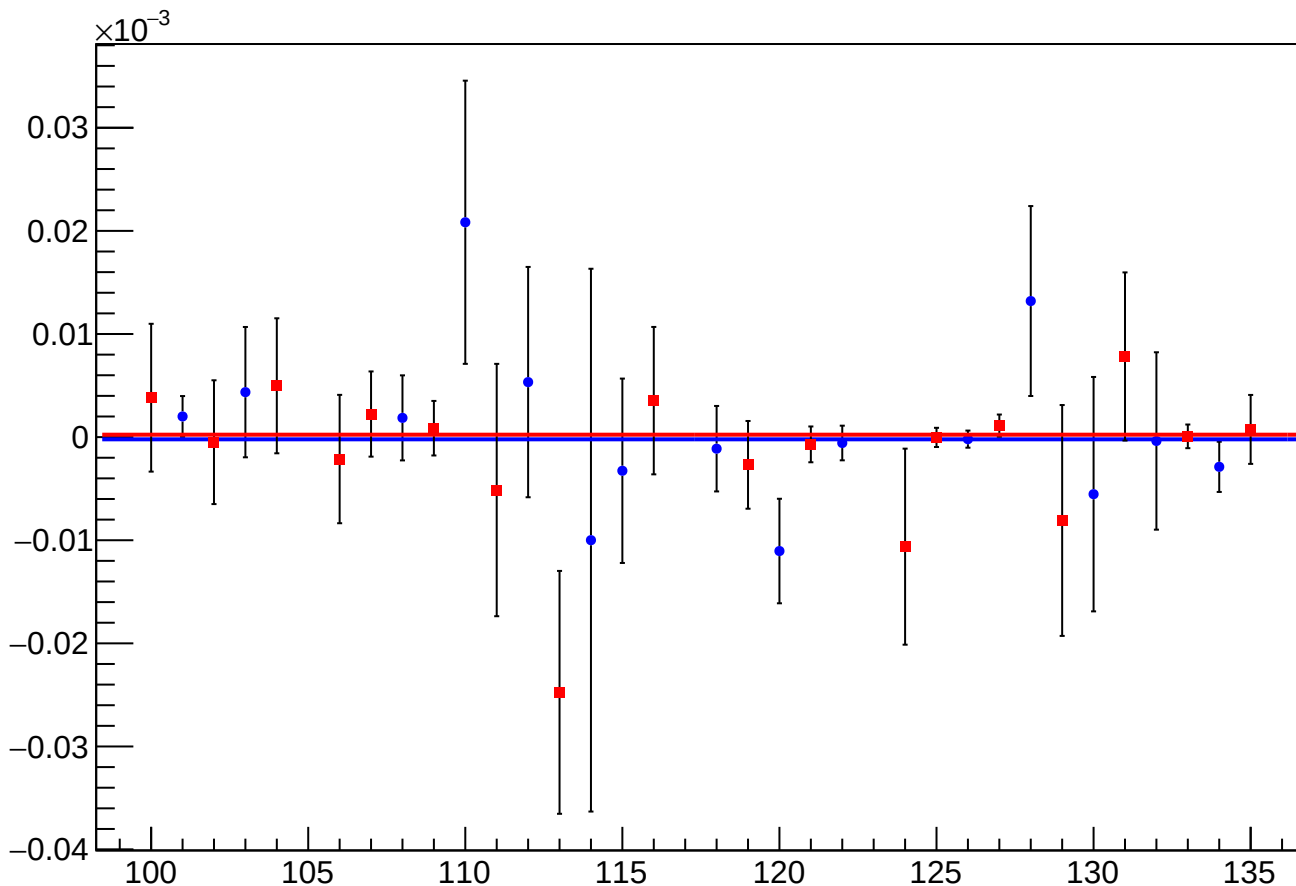
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 29.578+/-0.006 χ^2 /NDF: 3520737.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 10.4/17

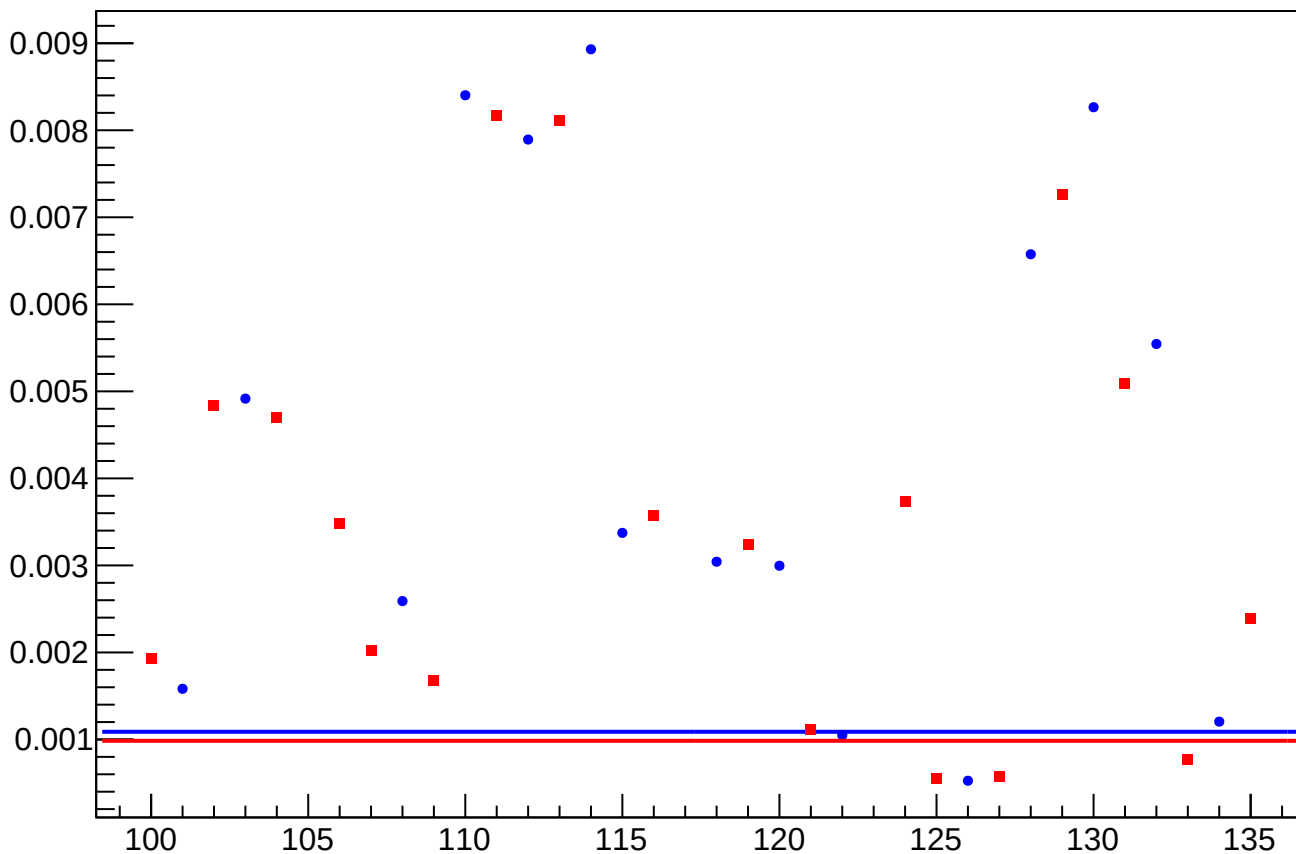
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 23.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 6439814.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6798556.3/17

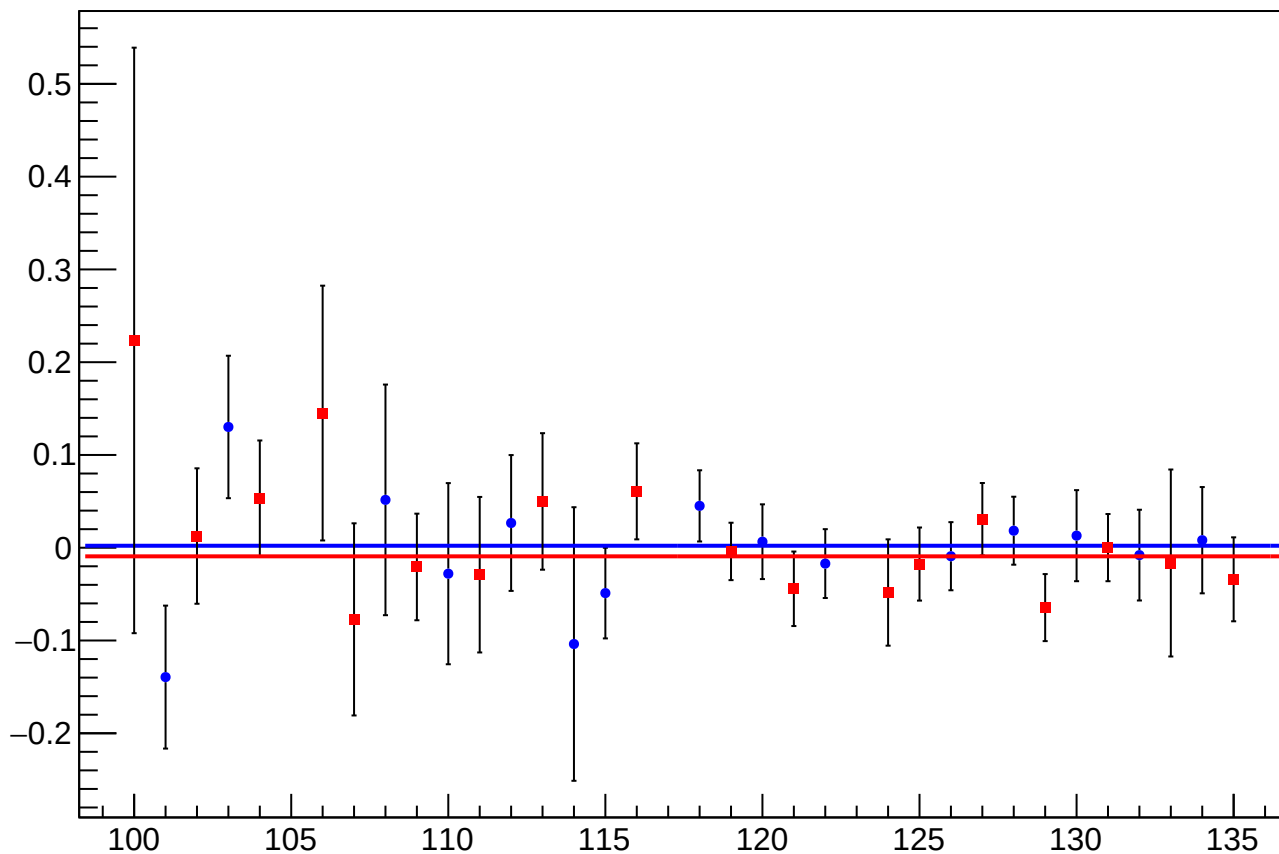
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 13269898.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

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

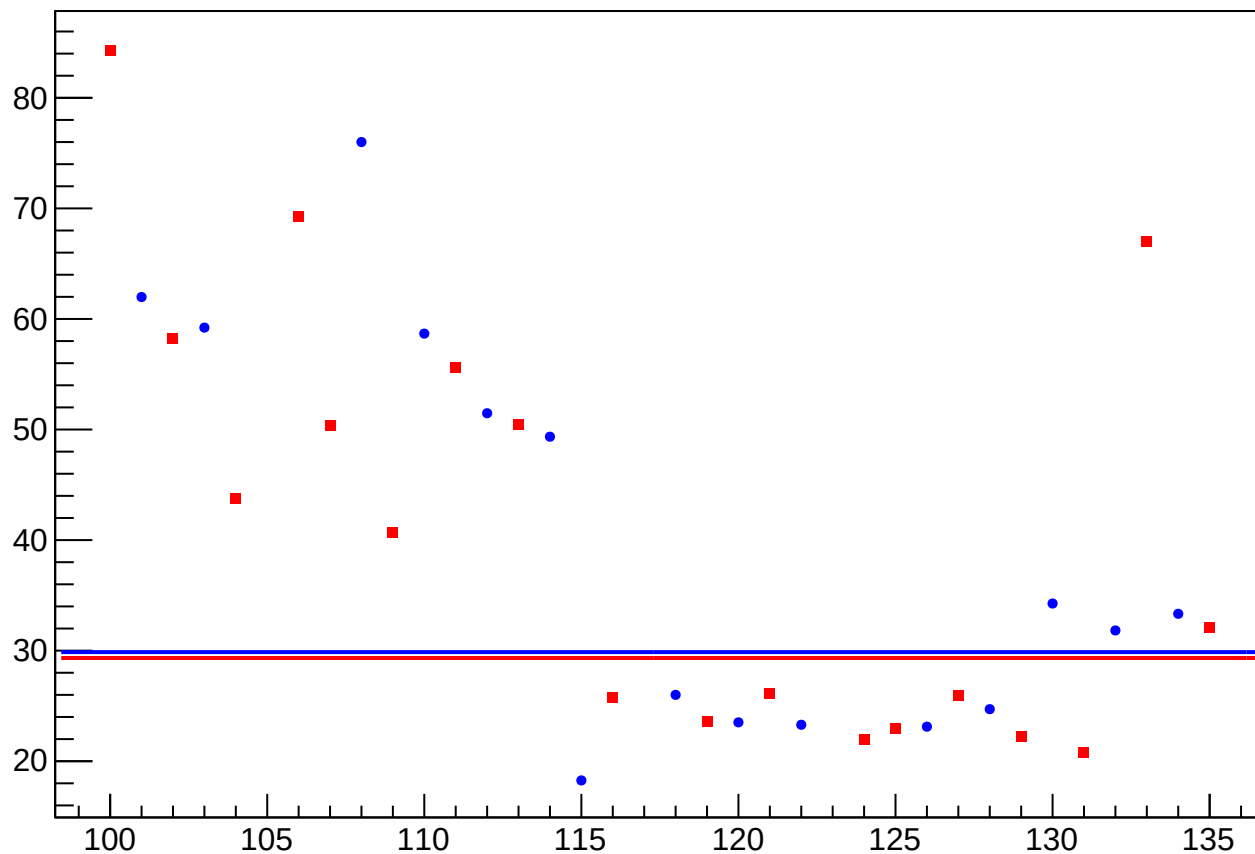
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 29.868+/-0.009 χ^2/NDF : 1677680.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.336+/-0.008 χ^2/NDF : 1841084.4/17

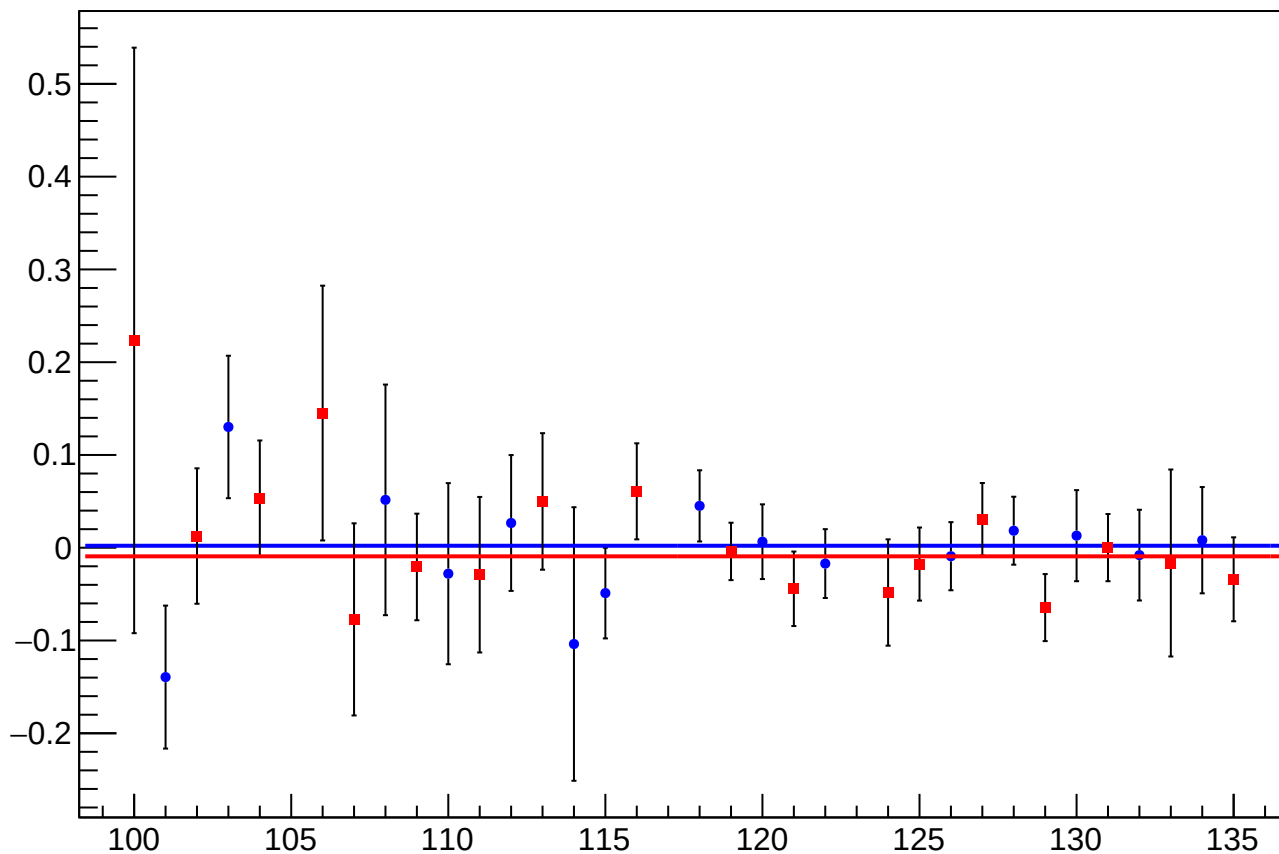
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.577+/-0.006 χ^2/NDF : 3520556.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.002 $\pm$ 0.013 χ^2 /NDF: 10.1/14

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

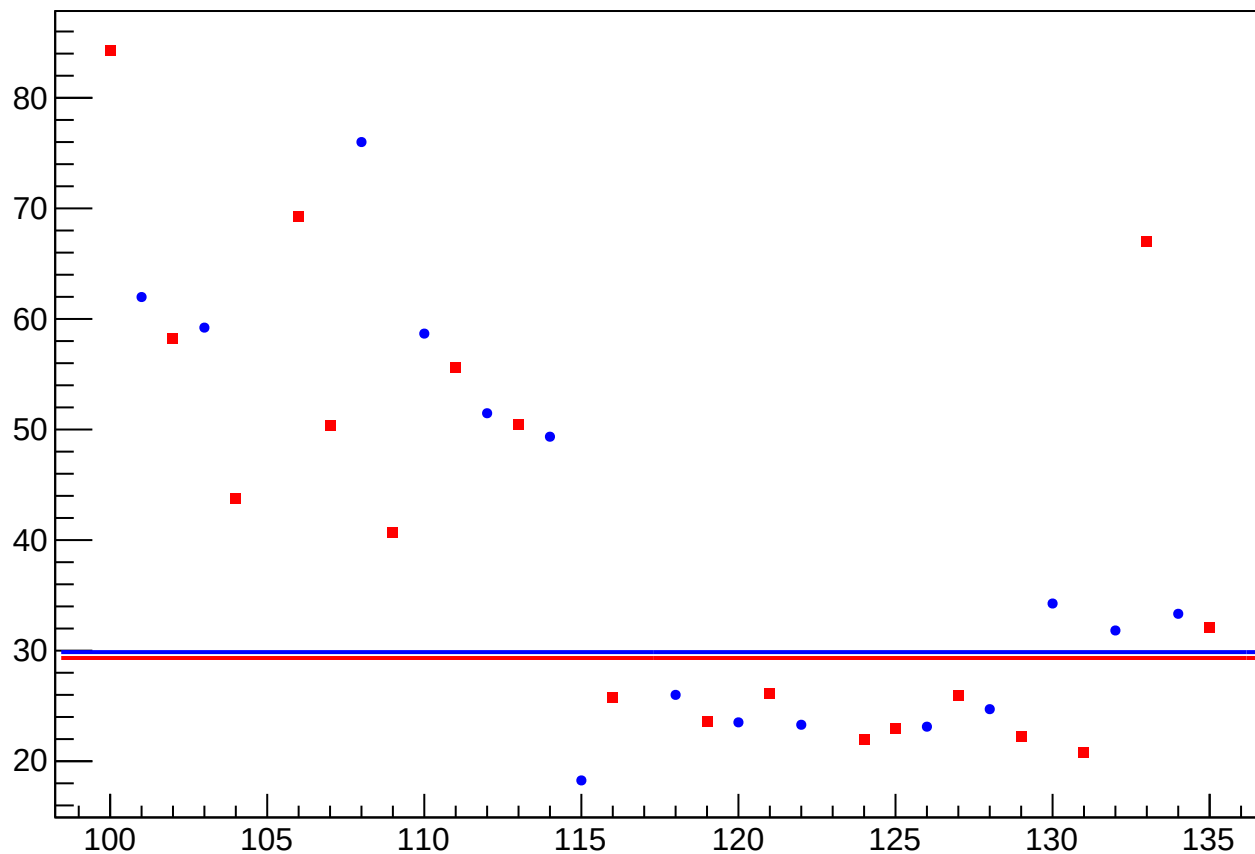
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.004 $\pm$ 0.009 χ^2 /NDF: 21.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_15_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 29.868+/-0.009 χ^2/NDF : 1677680.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.336+/-0.008 χ^2/NDF : 1841084.4/17

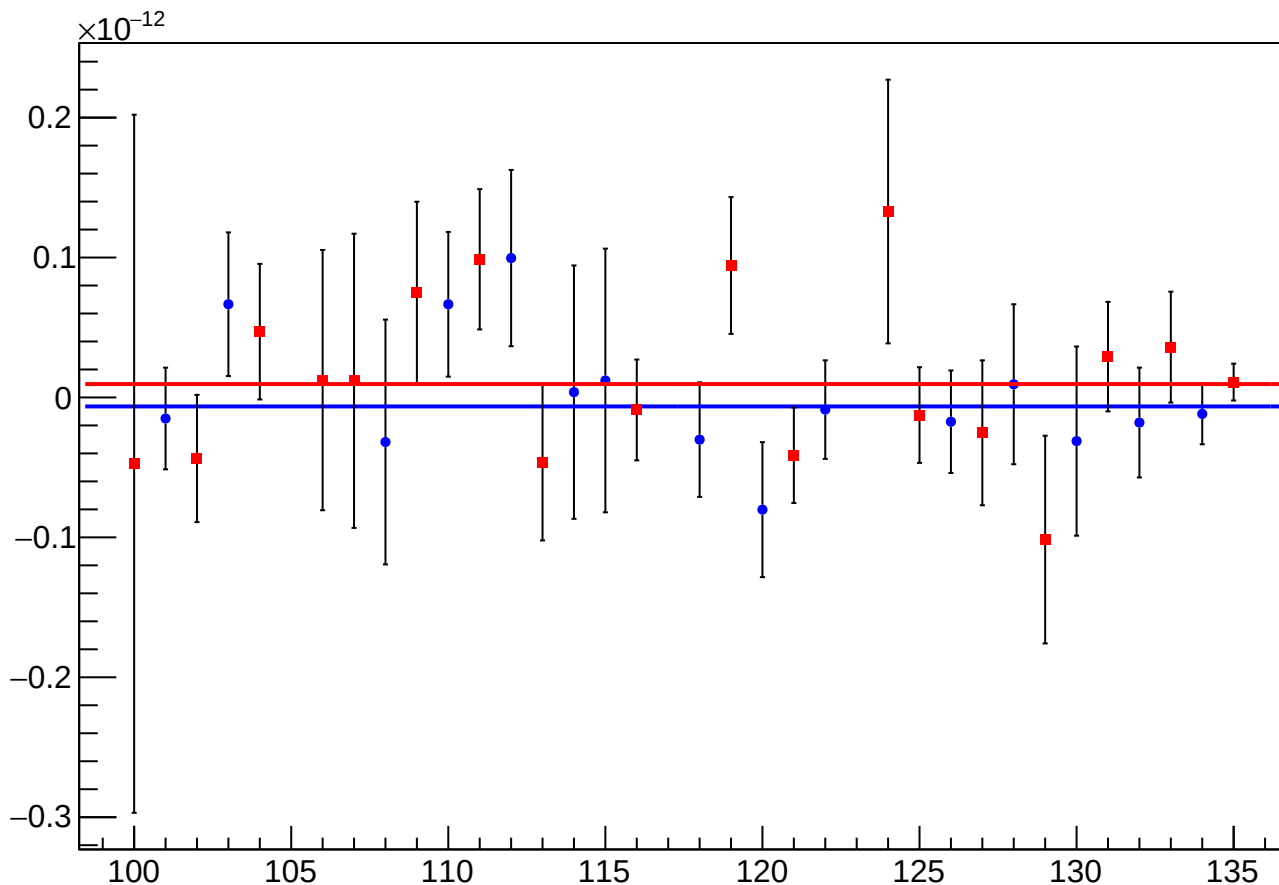
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 29.577+/-0.006 χ^2/NDF : 3520556.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 10.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 18.2/17

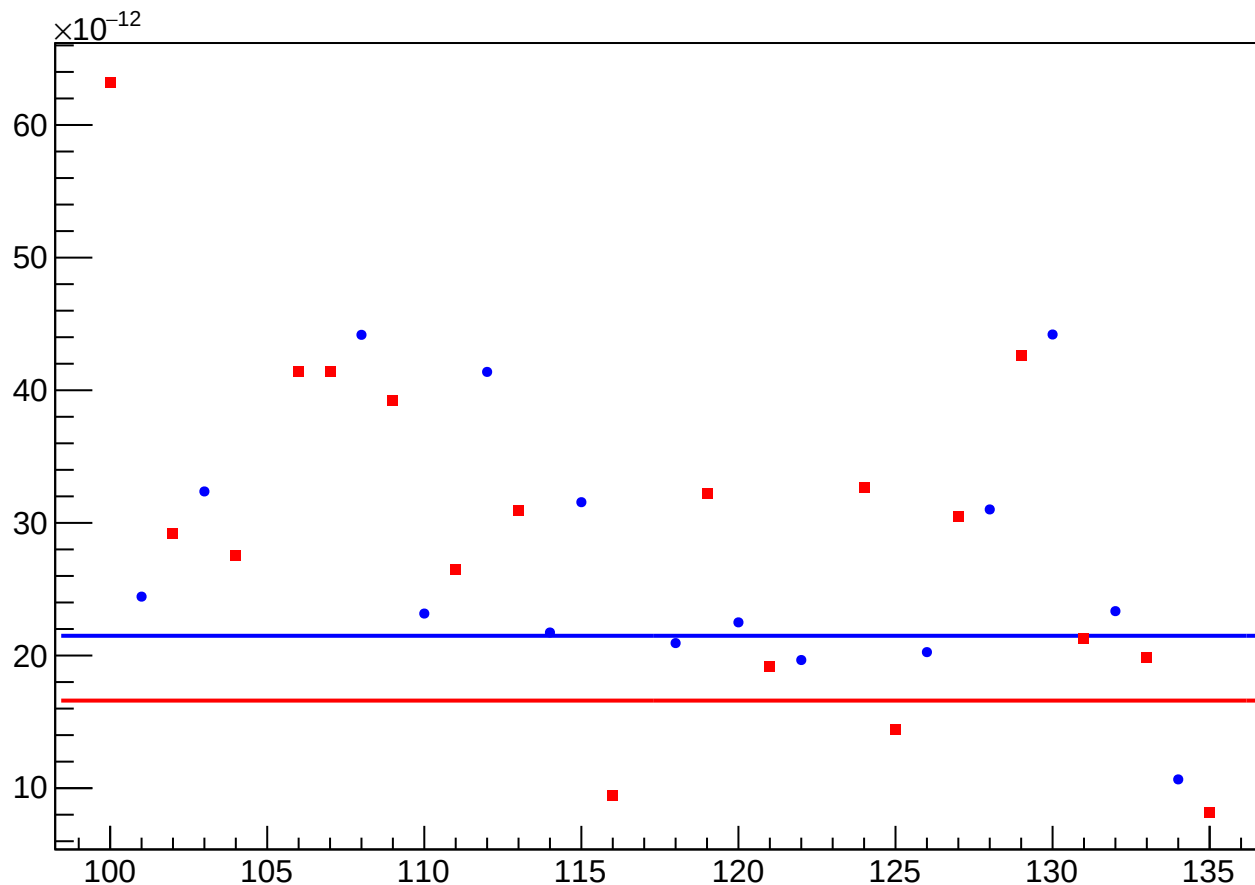
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 29.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_15_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1253598.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2648211.3/17

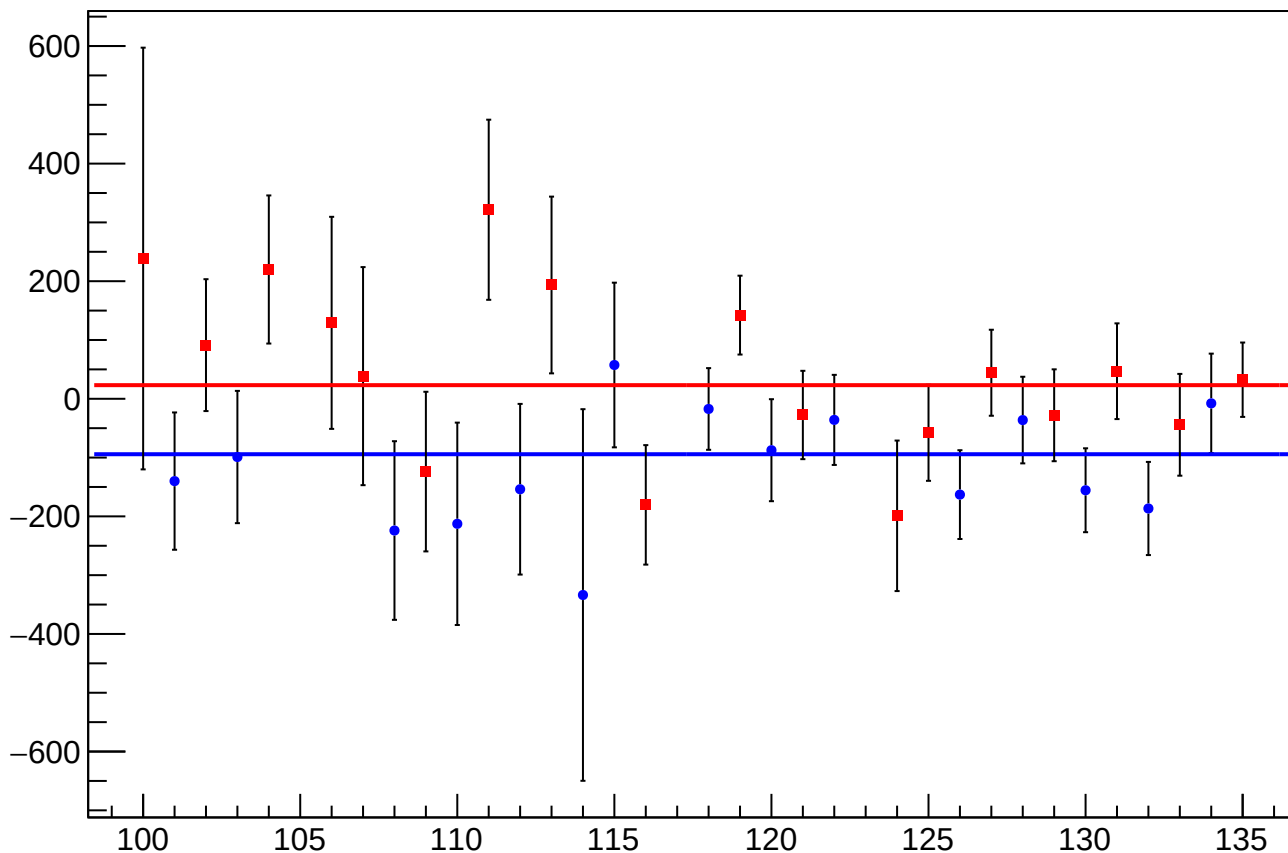
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4136177.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_mean vs Slug



Right In: -94.298 ± 24.228 χ^2/NDF : 9.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 23.176 ± 22.683 χ^2/NDF : 22.6/17

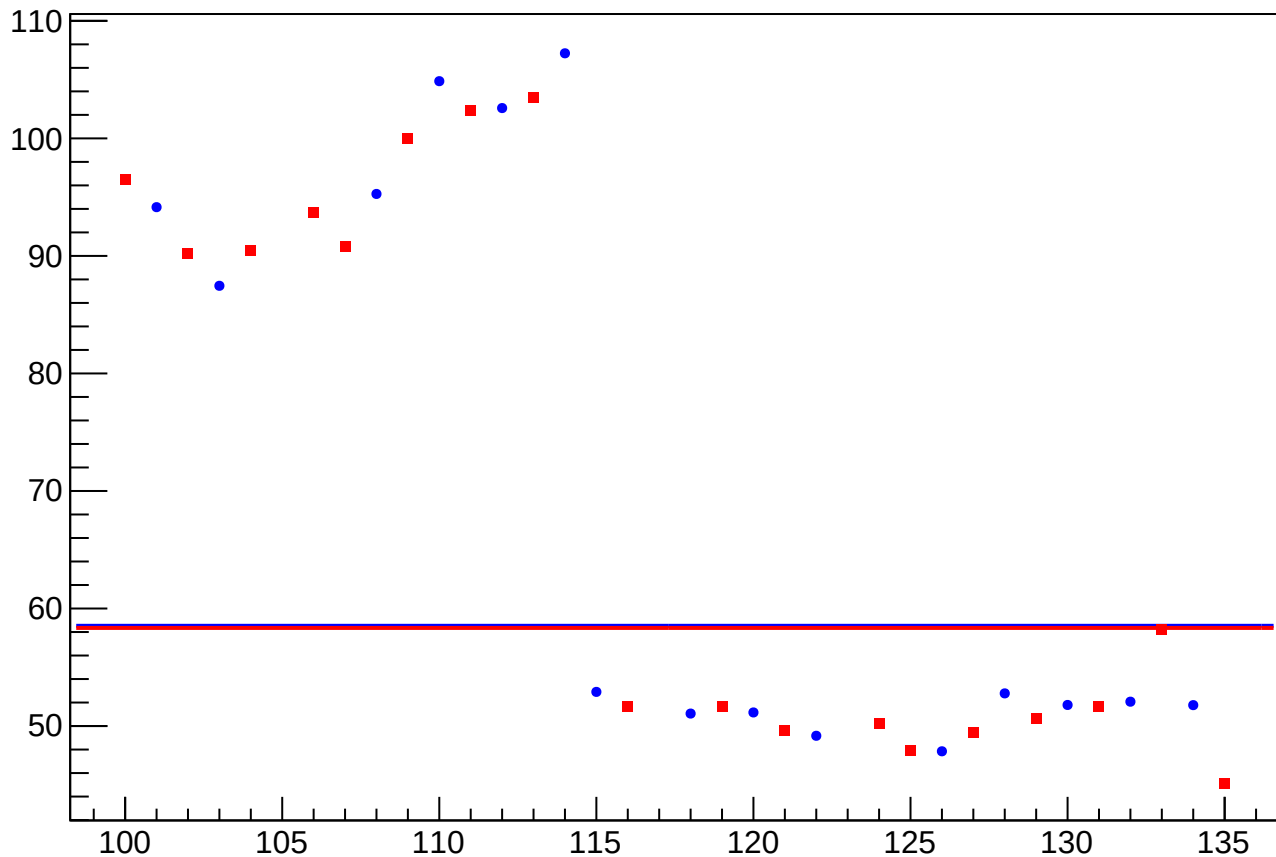
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.697 ± 16.559 χ^2/NDF : 44.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_rms vs Slug



Right In: 58.528+/-0.017 χ^2/NDF : 978690.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 58.348+/-0.016 χ^2/NDF : 1231949.5/17

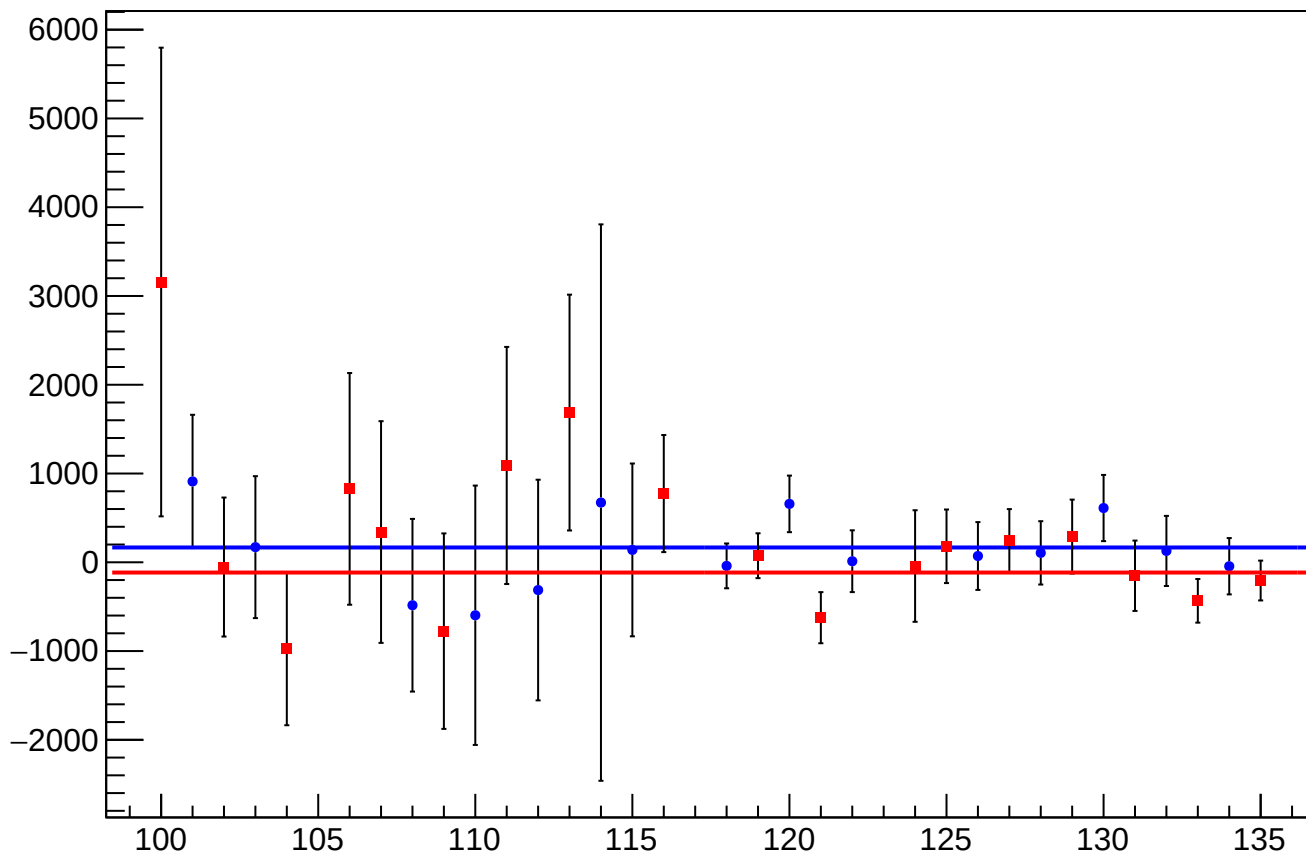
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 58.432+/-0.012 χ^2/NDF : 2210698.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_correction_mean vs Slug



Right In: 166.871 $\pm$ 112.707 χ^2 /NDF: 7.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -115.413 $\pm$ 99.509 χ^2 /NDF: 16.0/17

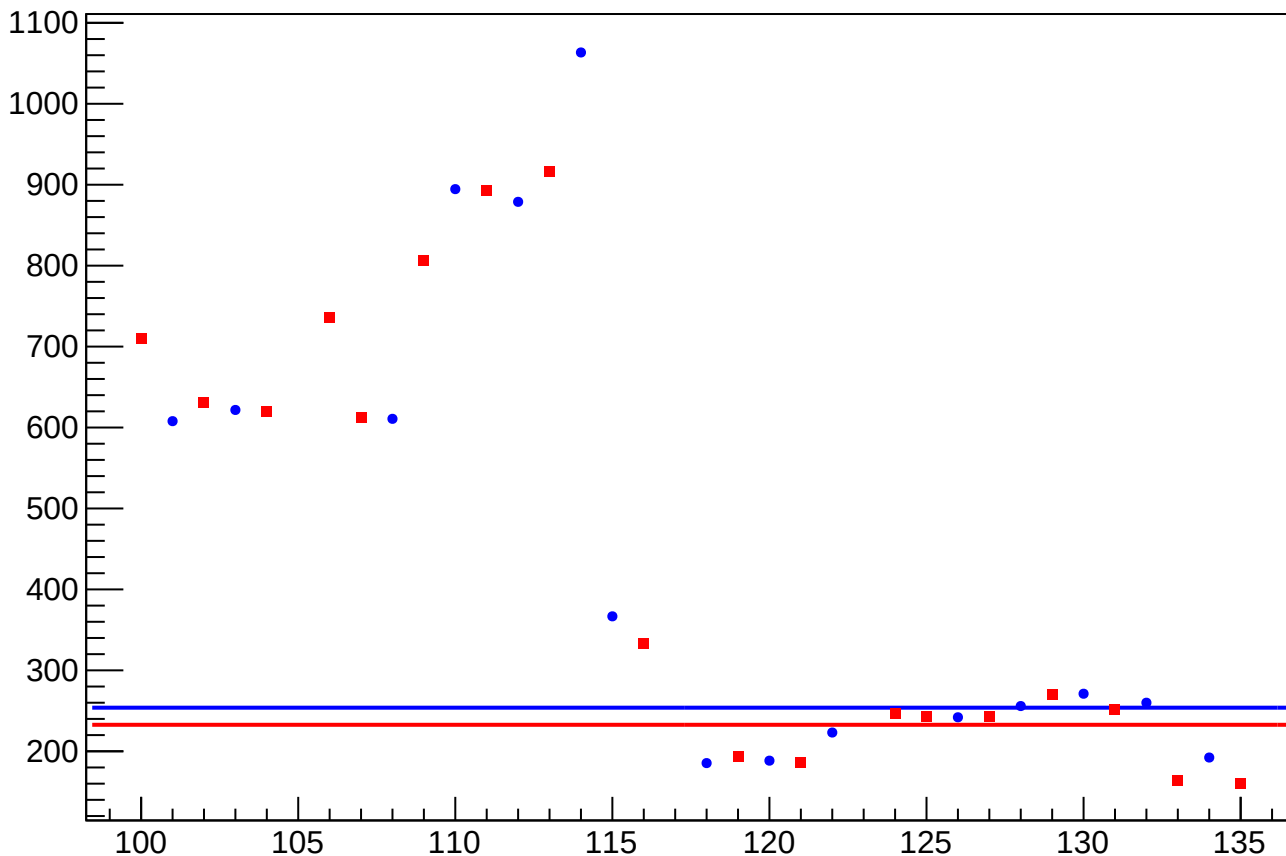
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.241 $\pm$ 74.596 χ^2 /NDF: 26.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_correction_rms vs Slug



Right In: 253.874 $\pm$ 0.080 χ^2 /NDF: 2517326.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 232.732 $\pm$ 0.070 χ^2 /NDF: 3562958.8/17

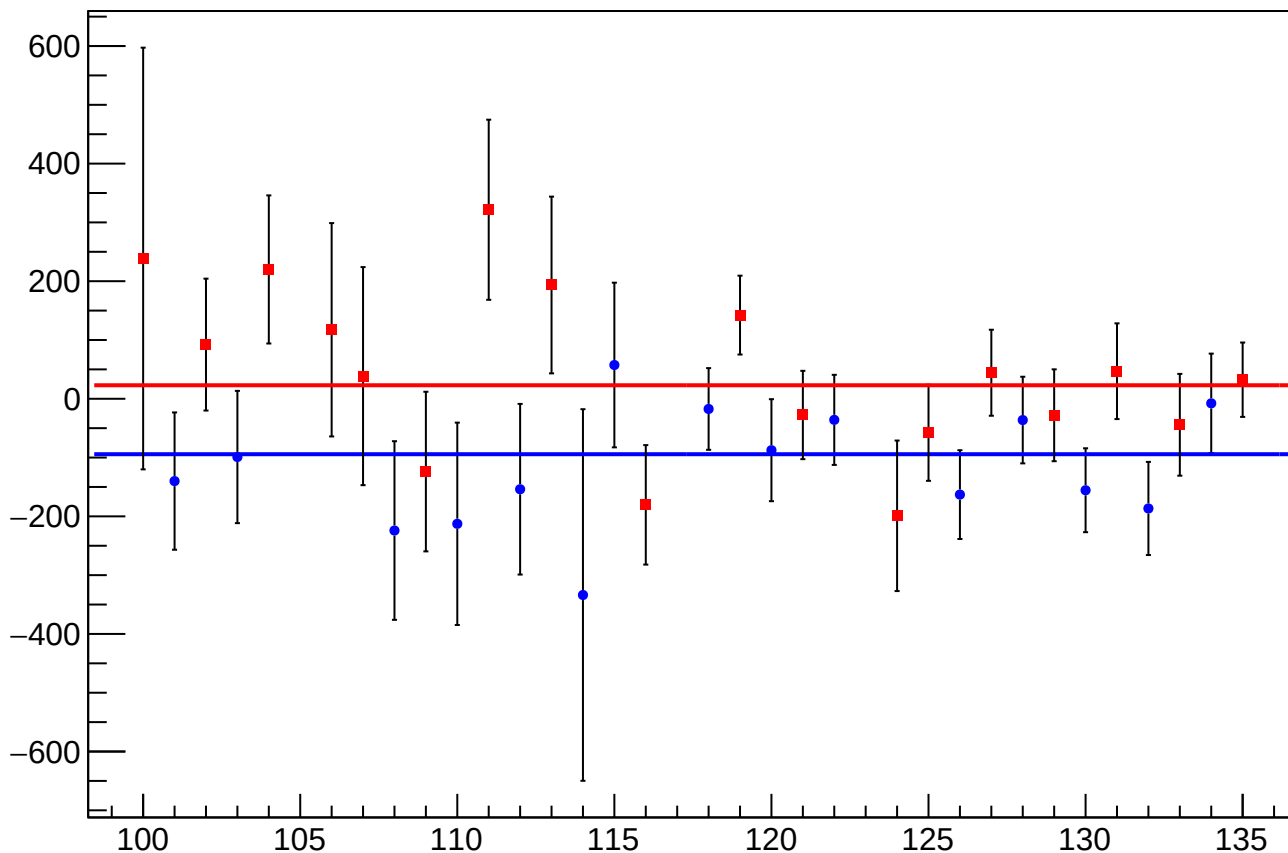
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 241.993 $\pm$ 0.053 χ^2 /NDF: 6119832.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_mean vs Slug



Right In: -94.295 $\pm$ 24.228 χ^2 /NDF: 9.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.007 $\pm$ 22.686 χ^2 /NDF: 22.6/17

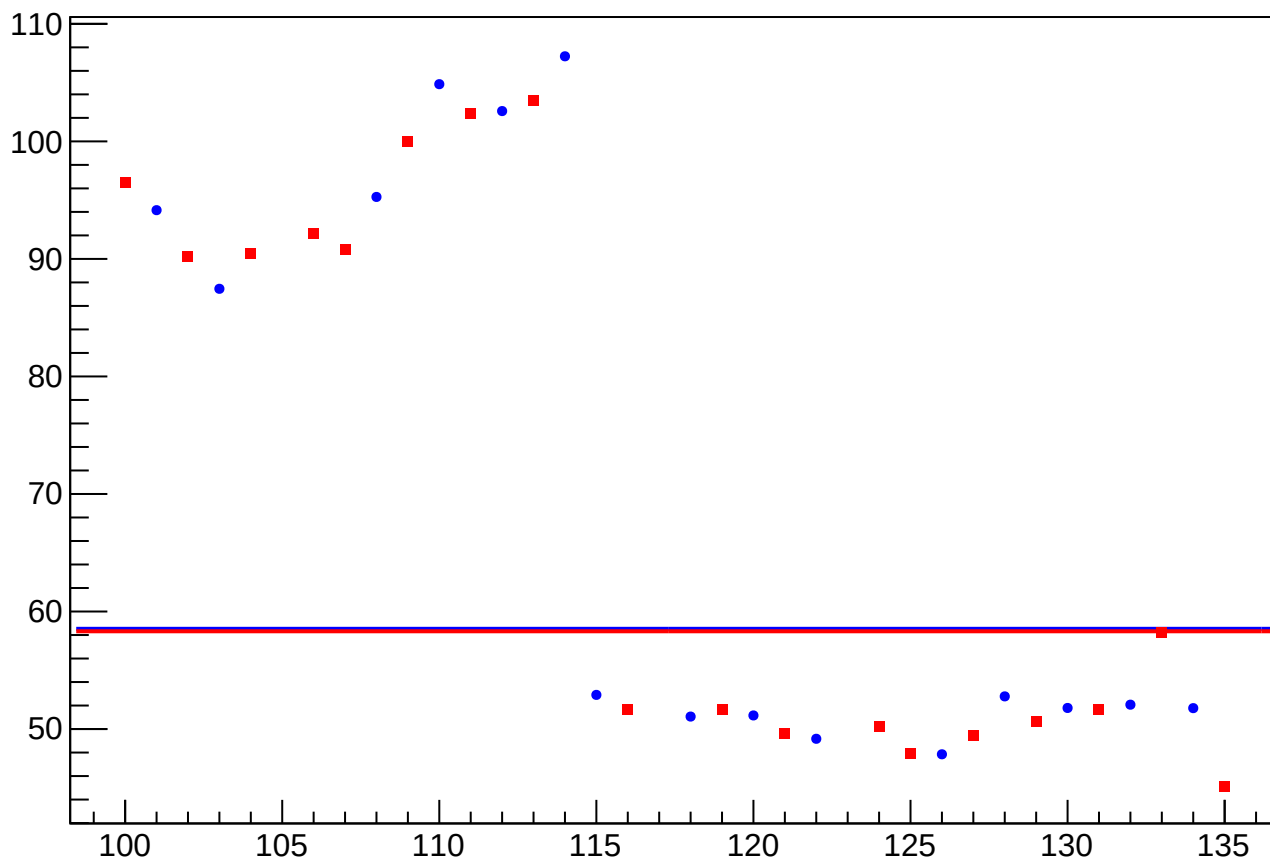
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.792 $\pm$ 16.560 χ^2 /NDF: 44.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_37_26_dd_rms vs Slug



Right In: 58.528 $\pm$ 0.017 χ^2 /NDF: 978691.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.318 $\pm$ 0.016 χ^2 /NDF: 1224739.5/17

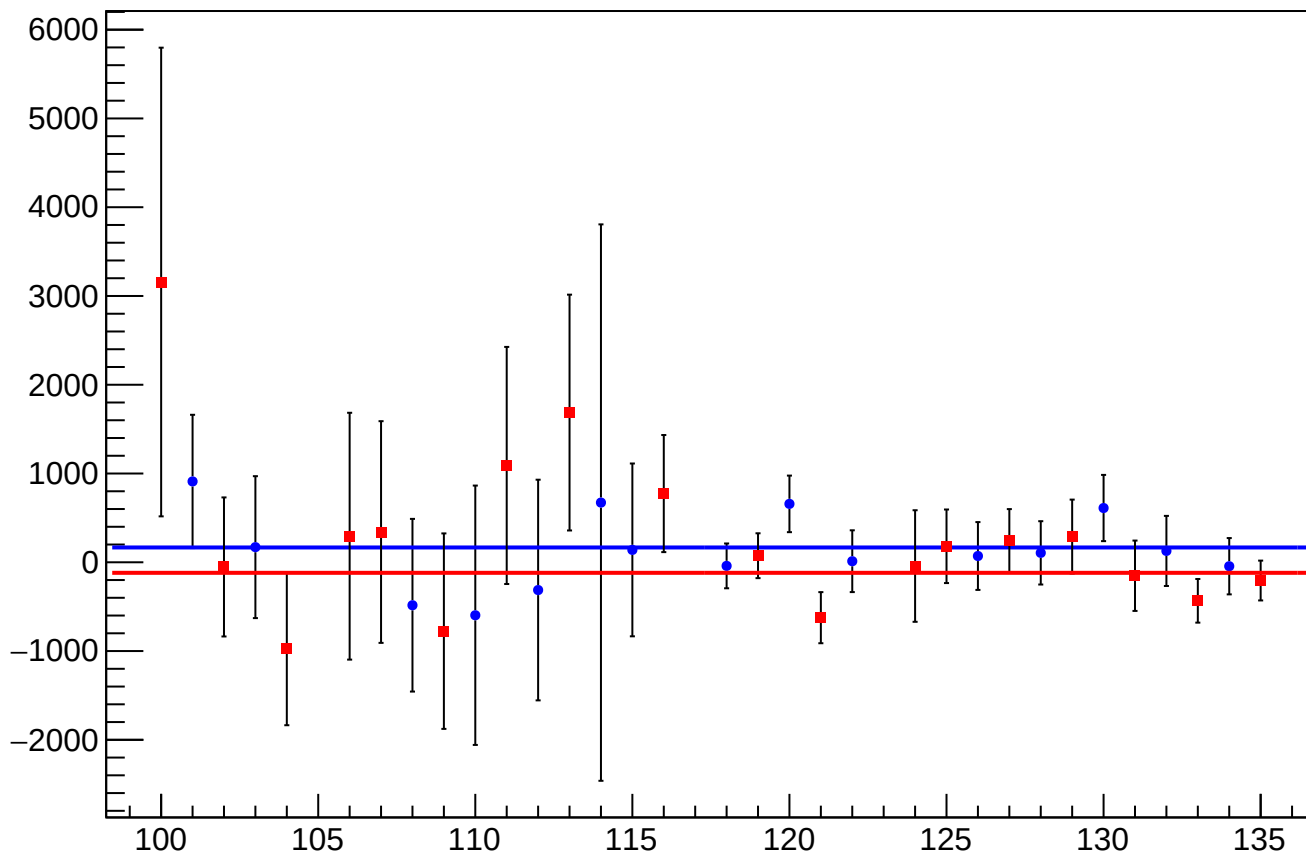
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.416 $\pm$ 0.012 χ^2 /NDF: 2203510.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_mean vs Slug



Right In: 166.870 $\pm$ 112.707 χ^2 /NDF: 7.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.778 $\pm$ 99.545 χ^2 /NDF: 15.6/17

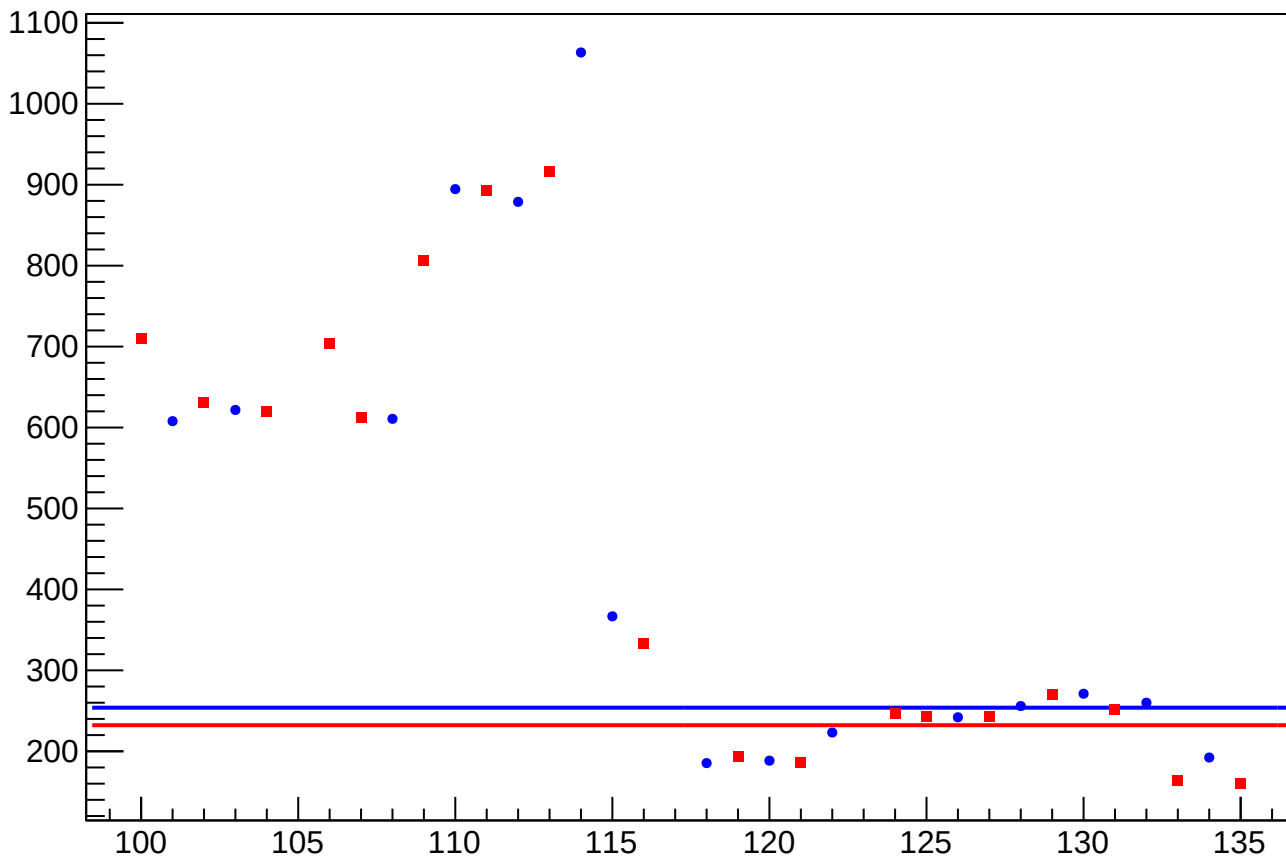
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.399 $\pm$ 74.610 χ^2 /NDF: 26.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_cor_correction_rms vs Slug



Right In: 253.874+/-0.080 χ^2/NDF : 2517336.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.218+/-0.070 χ^2/NDF : 3495369.1/17

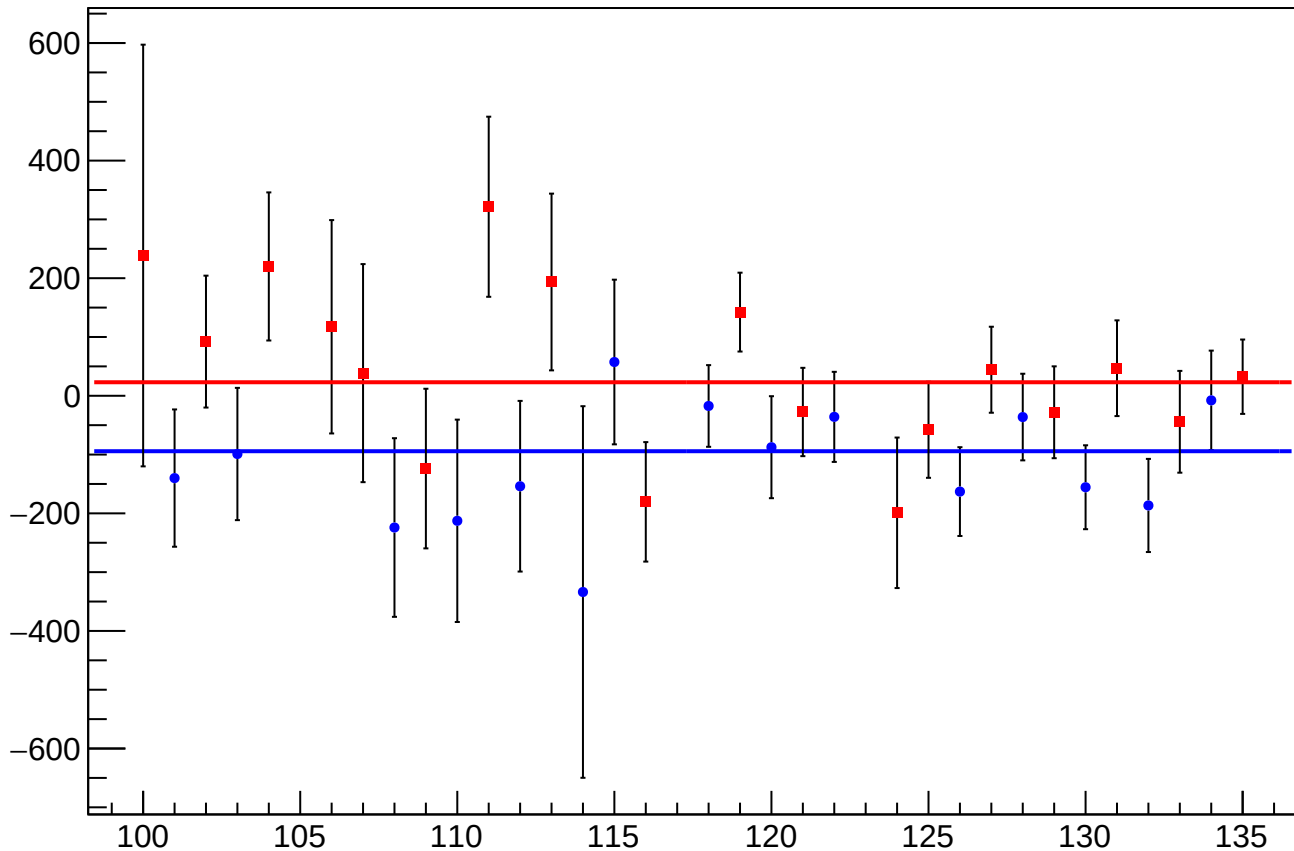
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.708+/-0.053 χ^2/NDF : 6054184.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_37_26_dd_mean vs Slug



Right In: -94.295 $\pm$ 24.228 χ^2 /NDF: 9.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 23.007 $\pm$ 22.686 χ^2 /NDF: 22.6/17

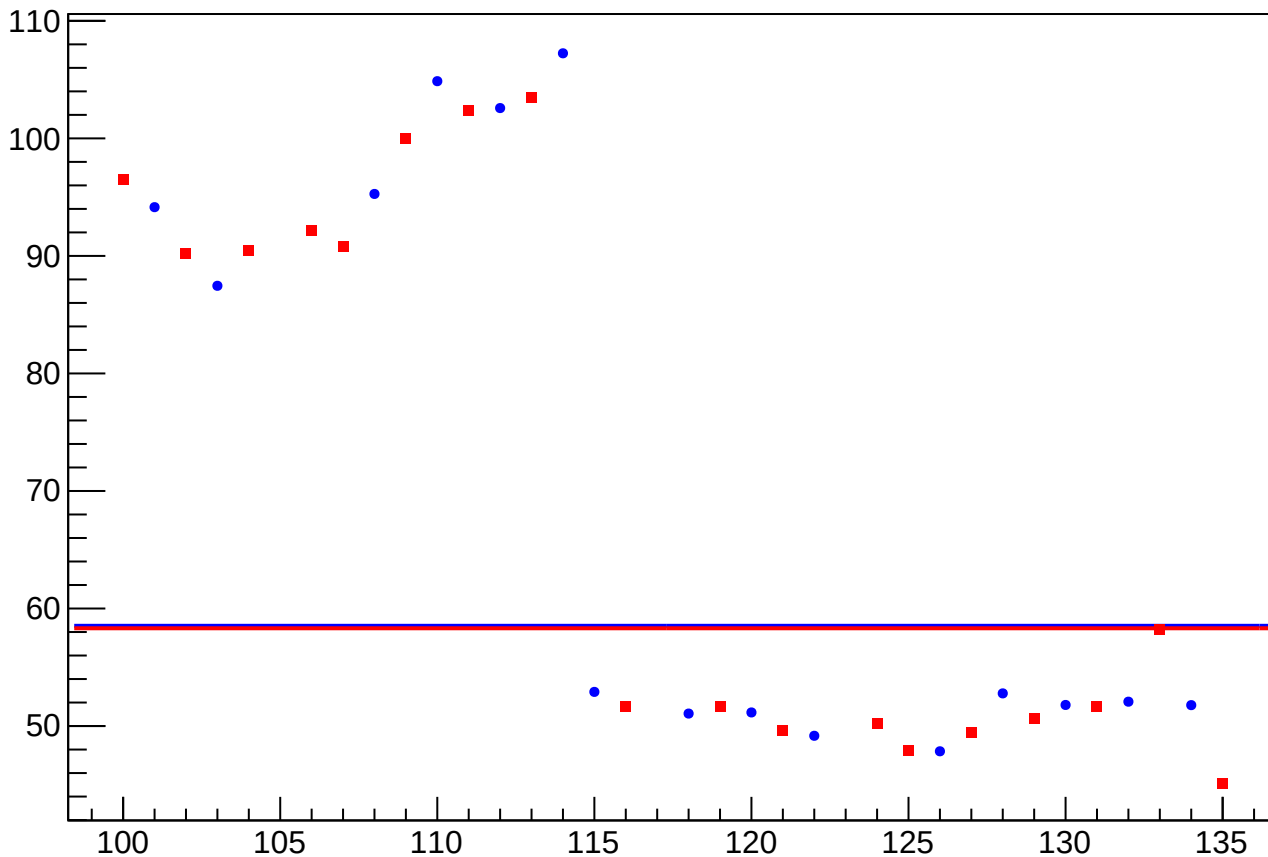
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -31.792 $\pm$ 16.560 χ^2 /NDF: 44.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_37_26_dd_rms vs Slug



Right In: 58.528 $\pm$ 0.017 χ^2 /NDF: 978691.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 58.318 $\pm$ 0.016 χ^2 /NDF: 1224739.5/17

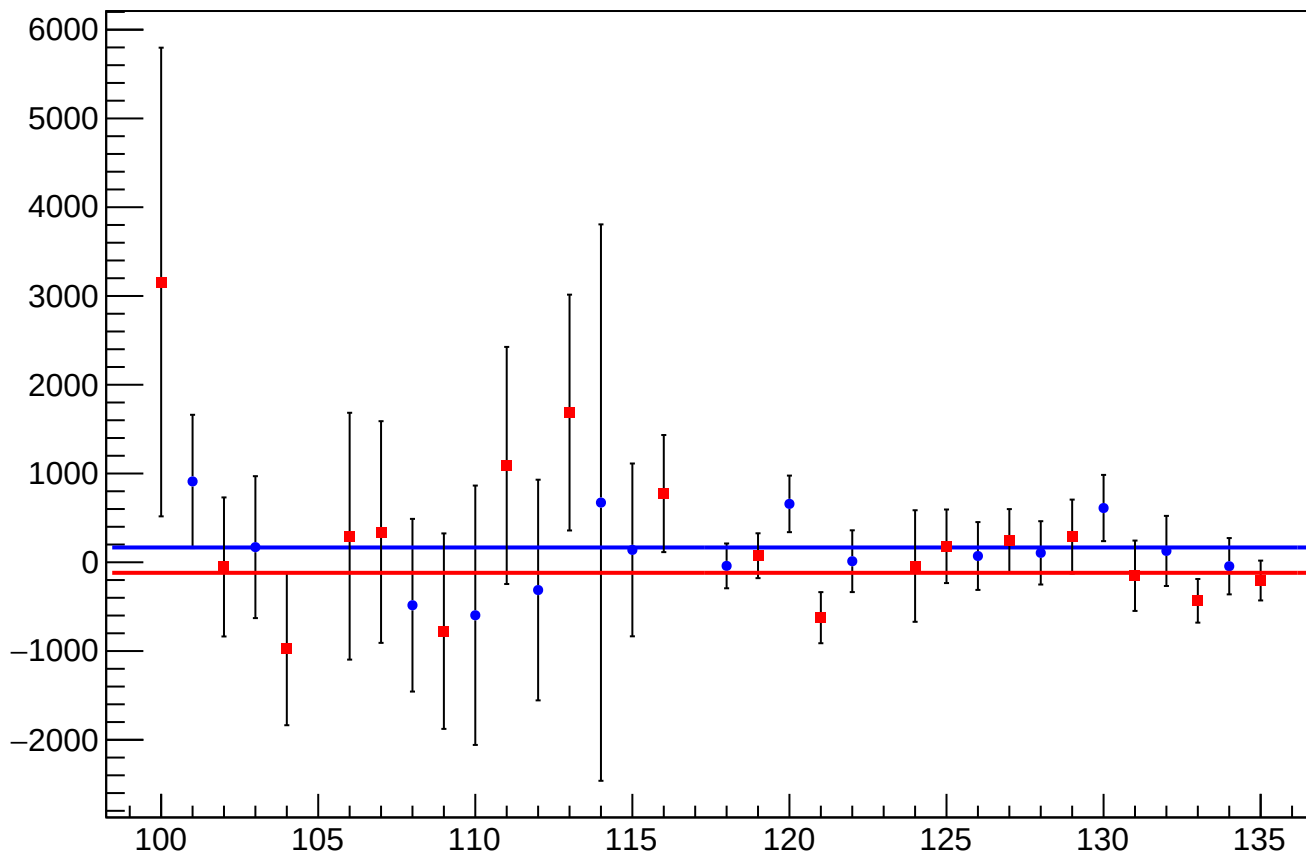
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.416 $\pm$ 0.012 χ^2 /NDF: 2203510.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_mean vs Slug



Right In: 166.870 $\pm$ 112.707 χ^2 /NDF: 7.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -118.778 $\pm$ 99.545 χ^2 /NDF: 15.6/17

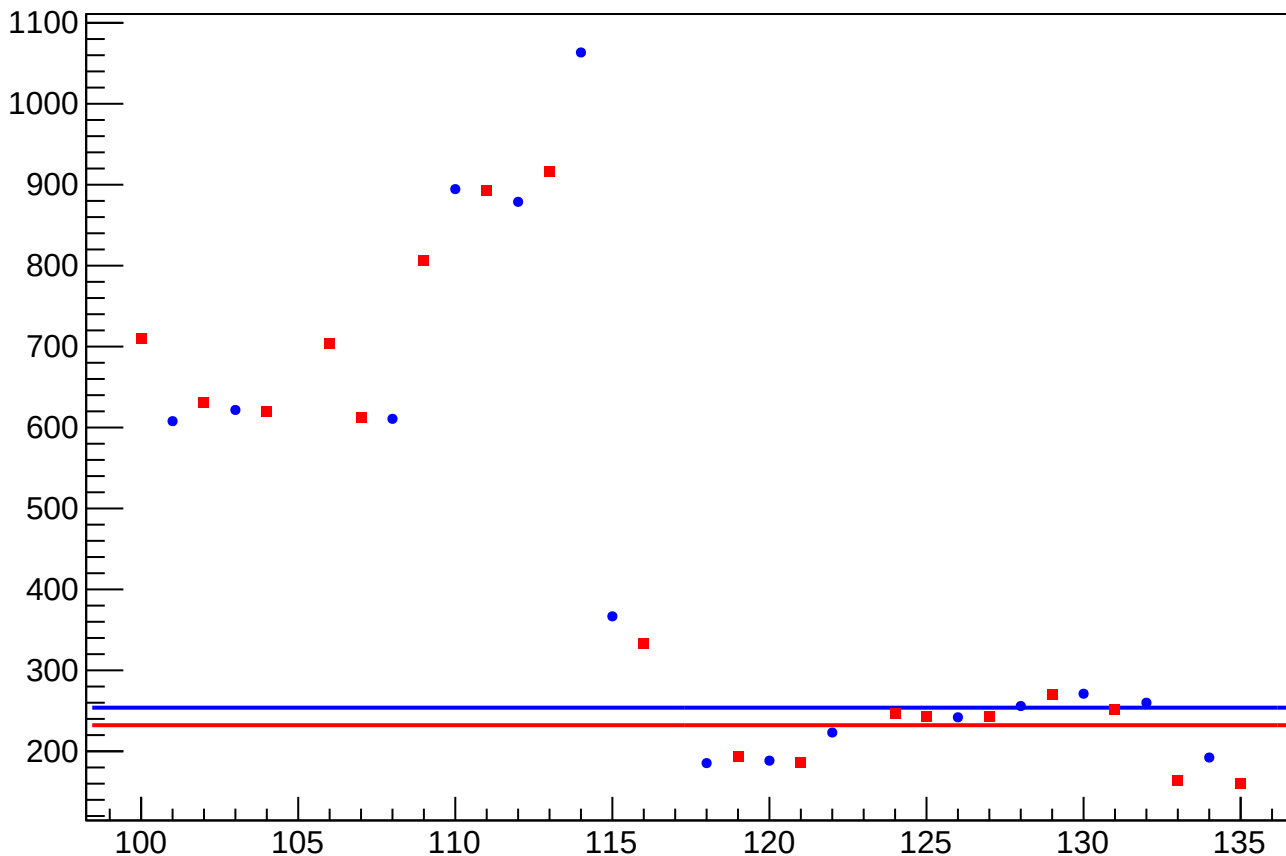
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.399 $\pm$ 74.610 χ^2 /NDF: 26.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_correction_rms vs Slug



Right In: 253.874+/-0.080 χ^2/NDF : 2517336.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 232.218+/-0.070 χ^2/NDF : 3495369.1/17

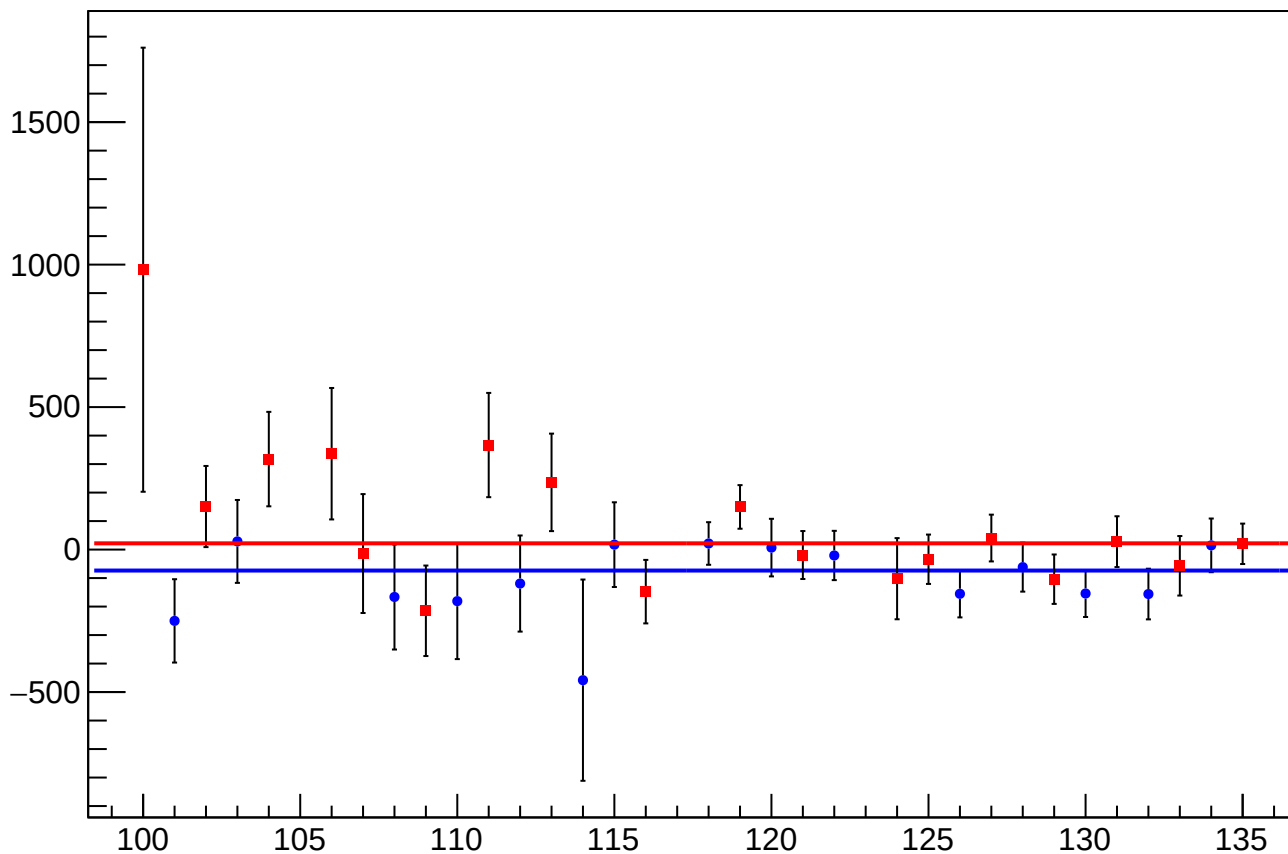
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 241.708+/-0.053 χ^2/NDF : 6054184.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.576 $\pm$ 27.585 χ^2 /NDF: 10.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.928 $\pm$ 25.770 χ^2 /NDF: 24.0/17

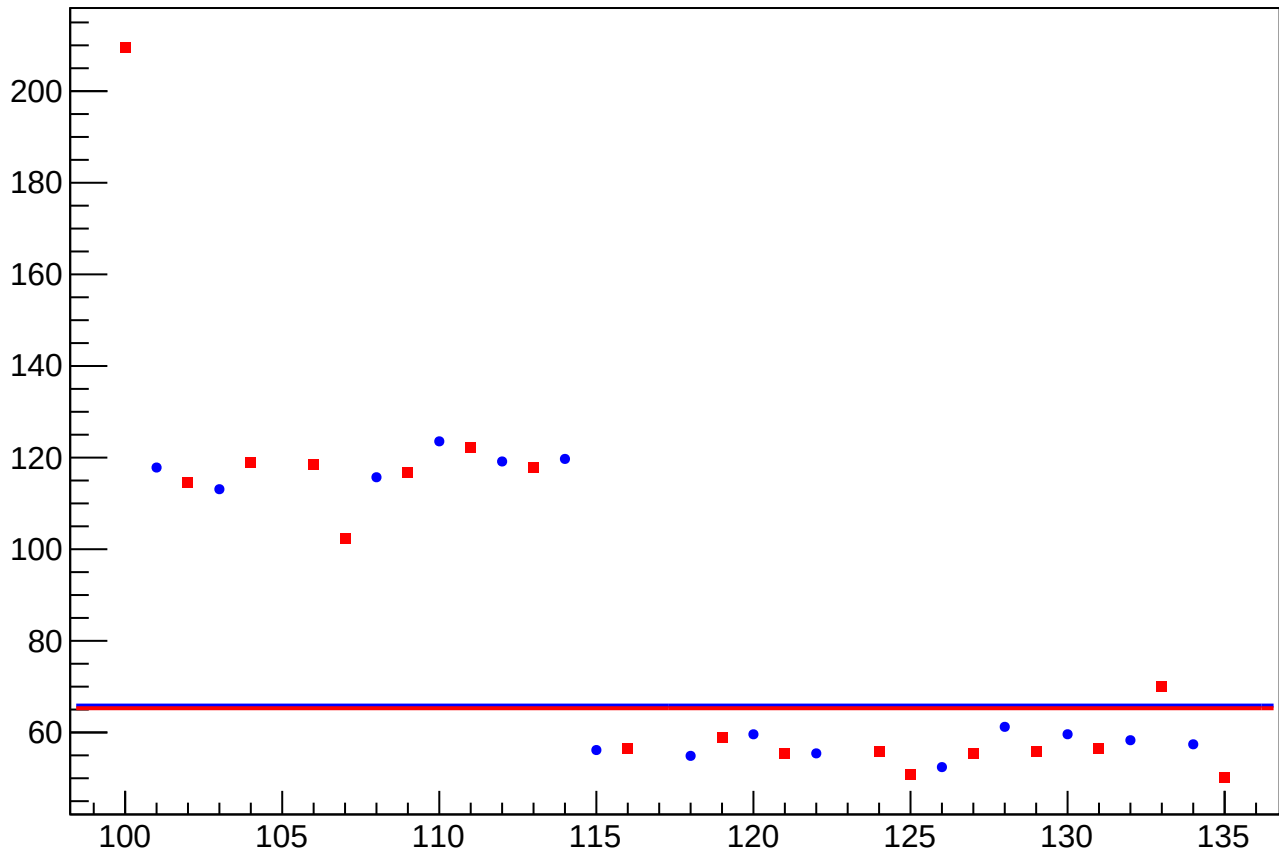
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.580 $\pm$ 18.831 χ^2 /NDF: 40.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.865+/-0.020 χ^2/NDF : 1205613.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 65.287+/-0.018 χ^2/NDF : 1566745.5/17

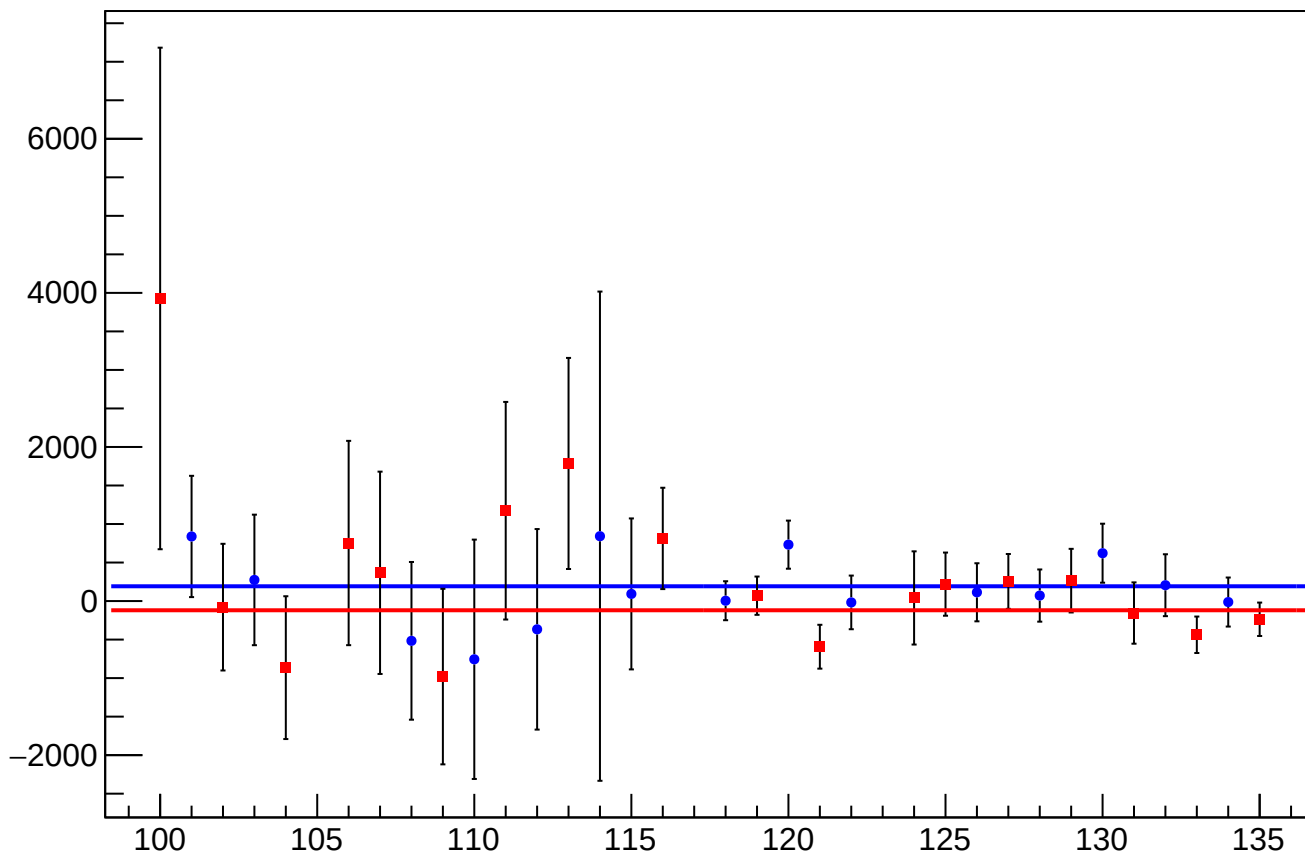
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 65.556+/-0.013 χ^2/NDF : 2772827.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_correction_mean vs Slug



Right In: 191.856 $\pm$ 112.587 χ^2 /NDF: 7.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -119.544 $\pm$ 97.848 χ^2 /NDF: 16.3/17

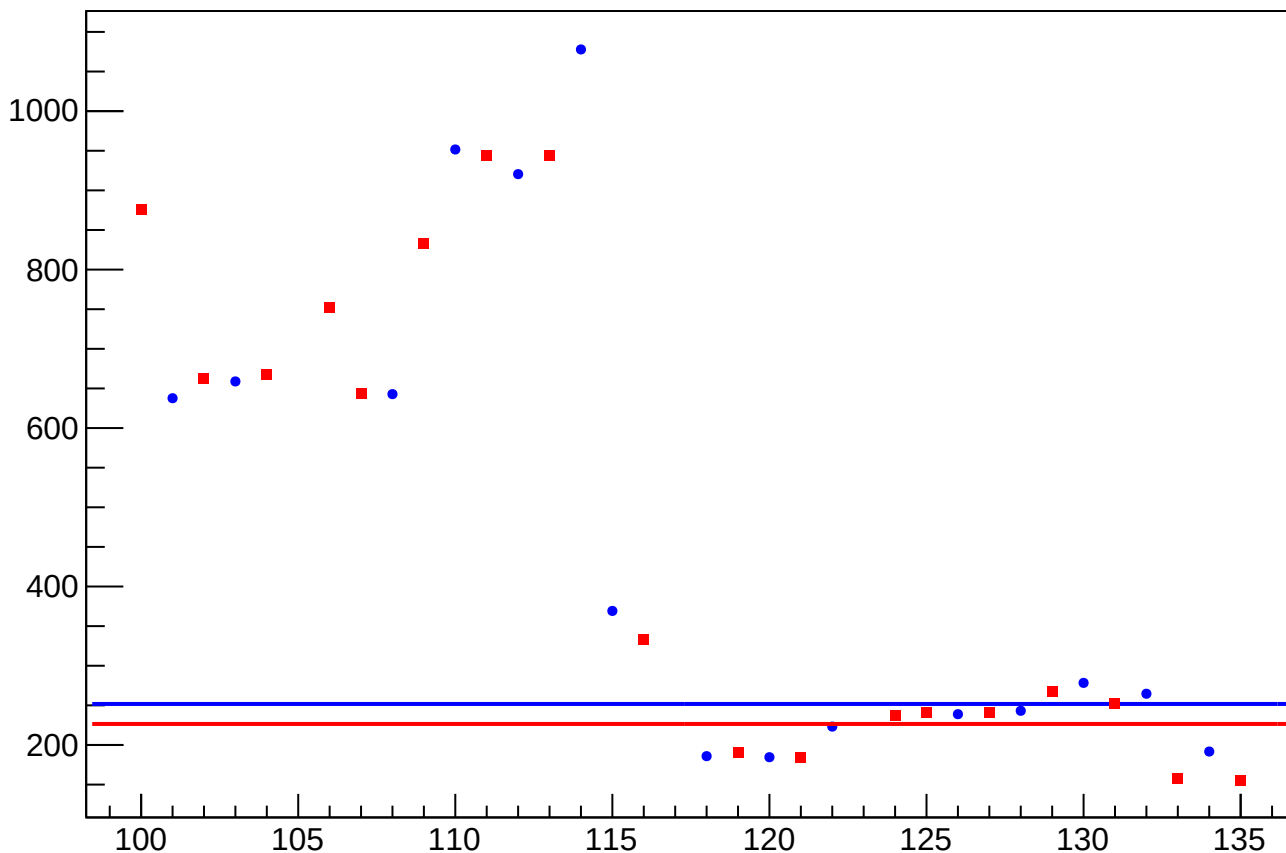
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.453 $\pm$ 73.854 χ^2 /NDF: 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_correction_rms vs Slug



Right In: 251.766 $\pm$ 0.080 χ^2 /NDF: 2660966.3/14

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

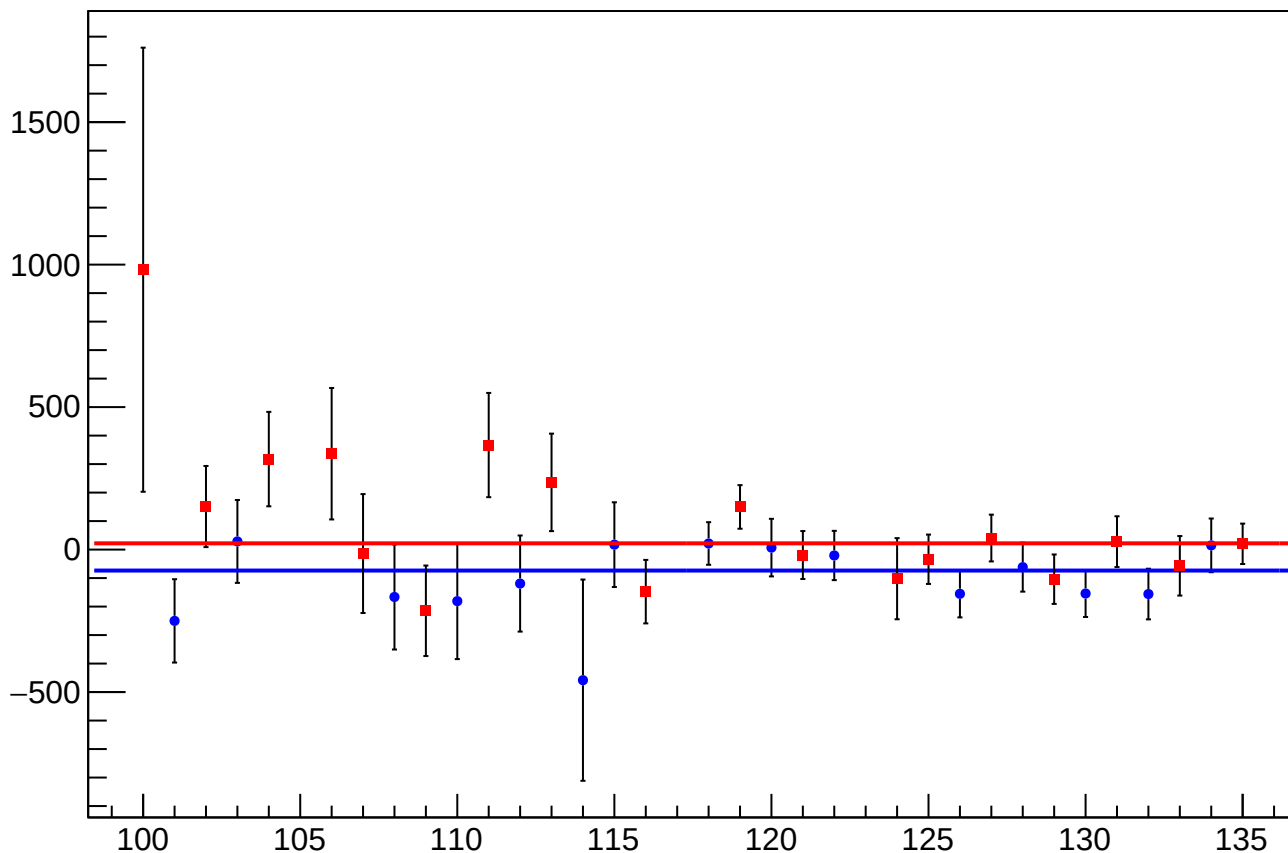
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 237.384 $\pm$ 0.052 χ^2 /NDF: 6520844.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_37_26_dd_mean vs Slug



Right In: -73.577 ± 27.584 χ^2/NDF : 10.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 21.931 ± 25.770 χ^2/NDF : 24.0/17

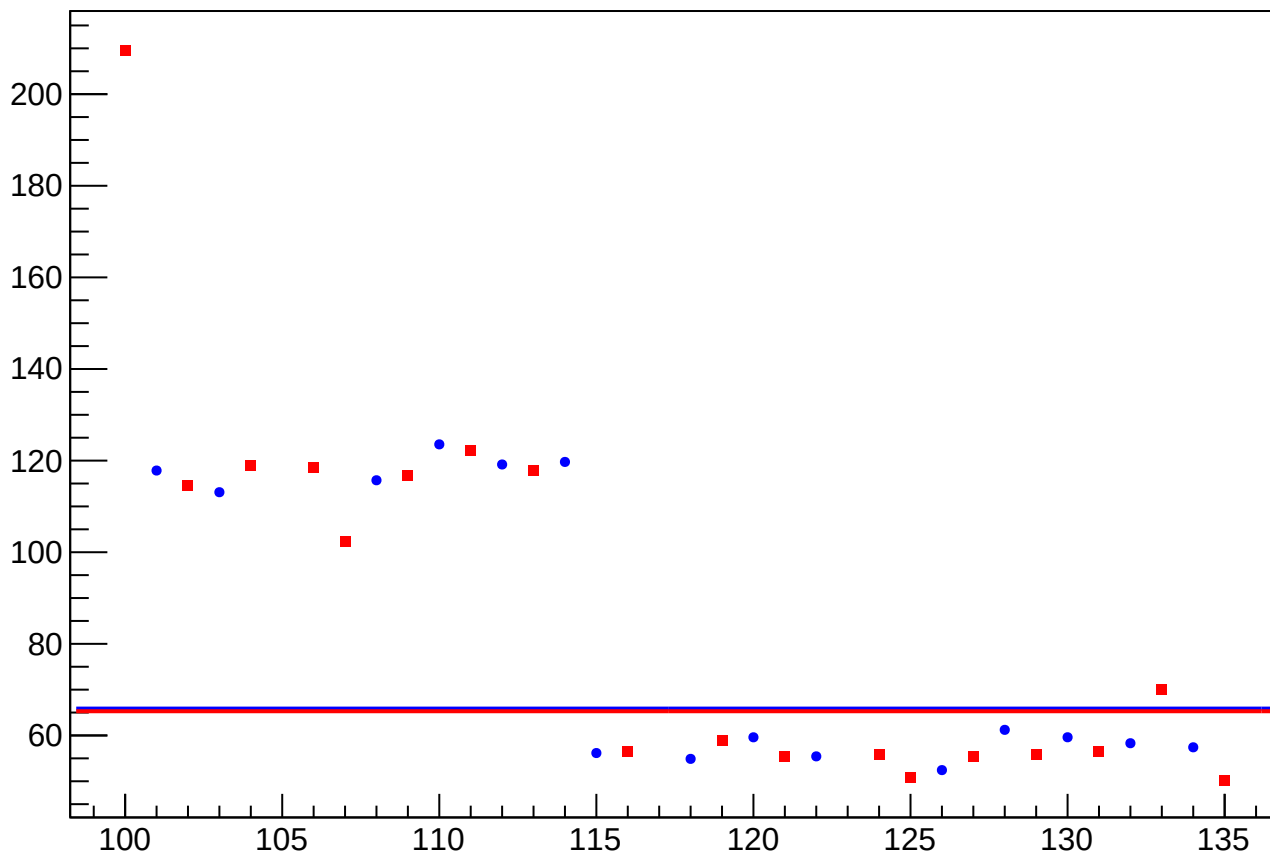
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -22.579 ± 18.831 χ^2/NDF : 40.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_37_26_dd_rms vs Slug



Right In: 65.864 $\pm$ 0.020 χ^2 /NDF: 1205610.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 65.287 $\pm$ 0.018 χ^2 /NDF: 1566726.5/17

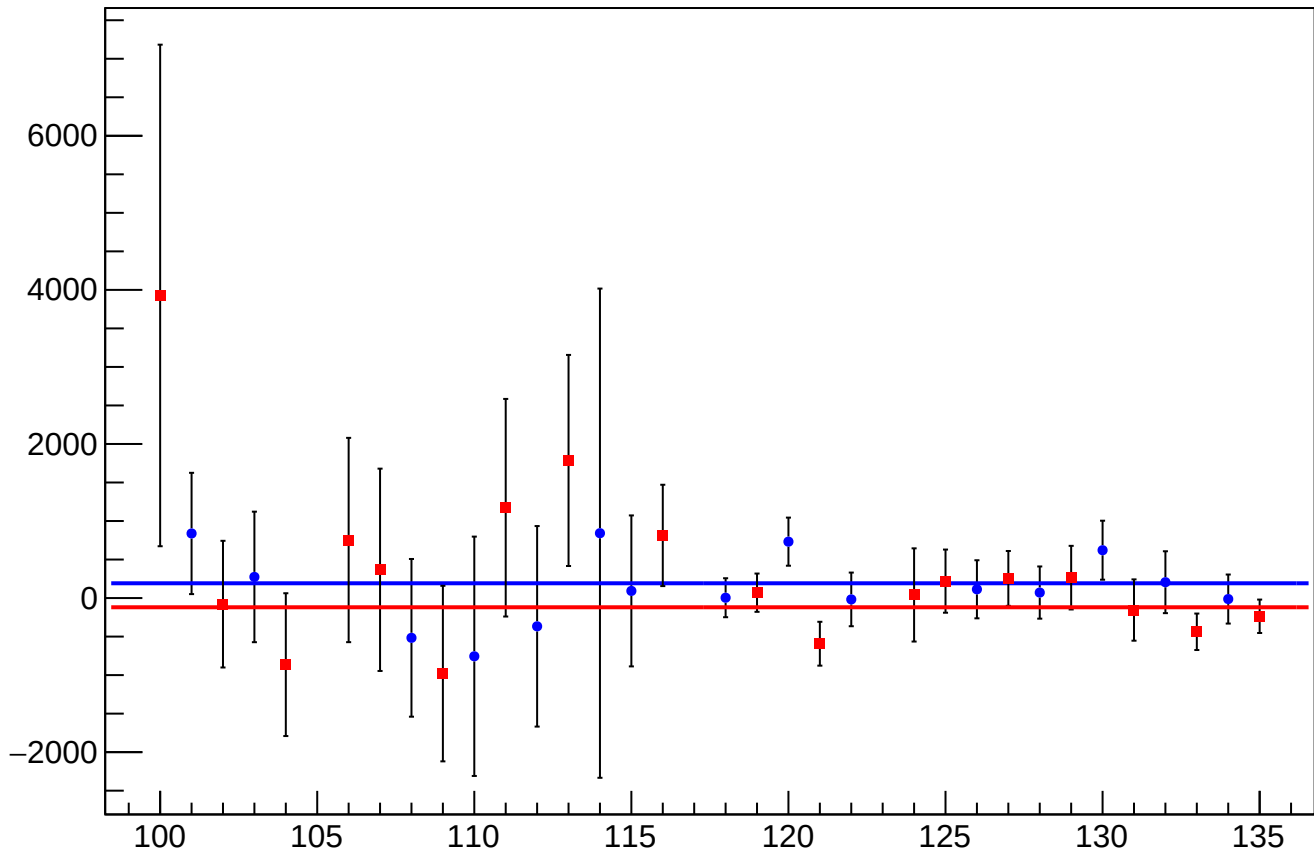
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 65.556 $\pm$ 0.013 χ^2 /NDF: 2772804.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_mean vs Slug



Right In: 191.856+/-112.586 χ^2/NDF : 7.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -119.542+/-97.848 χ^2/NDF : 16.3/17

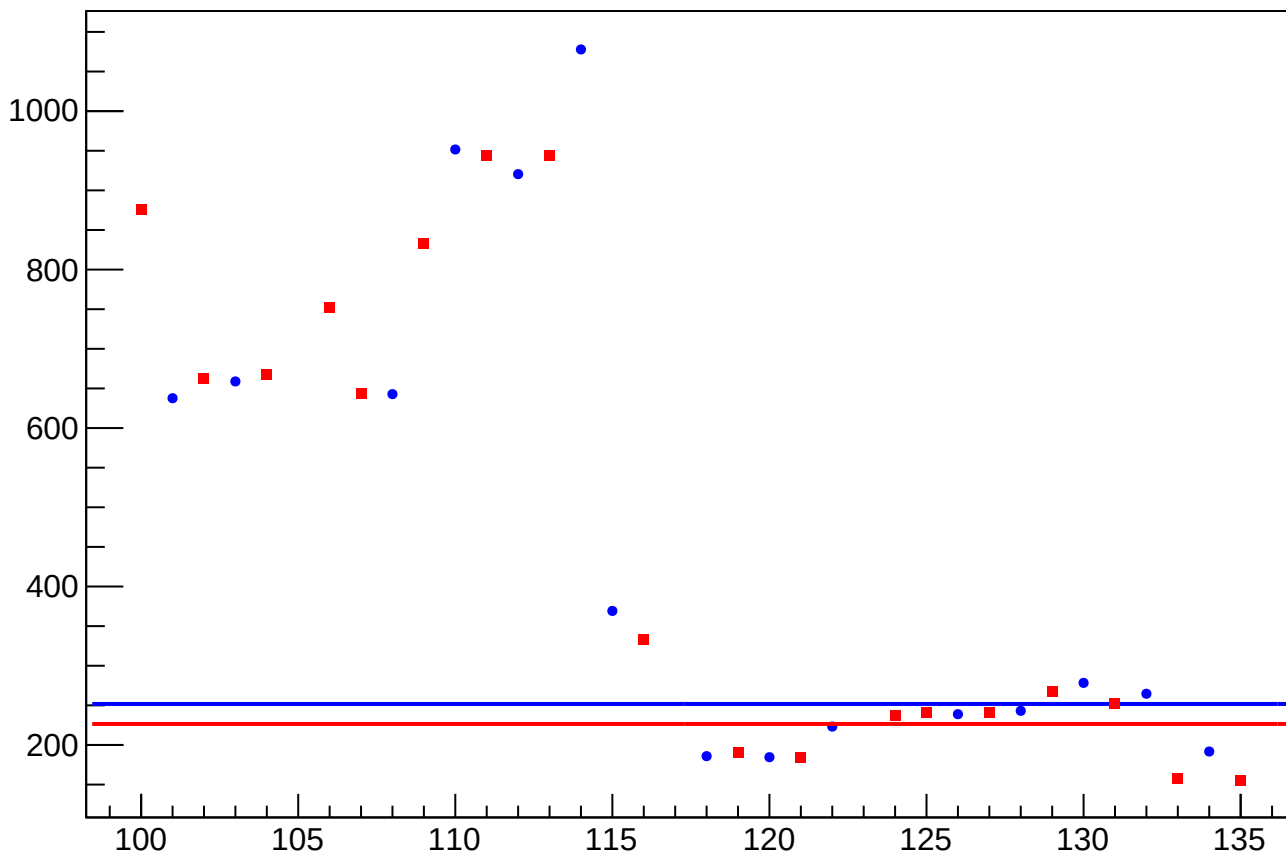
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 14.454+/-73.854 χ^2/NDF : 28.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_correction_rms vs Slug



Right In: 251.765 $\pm$ 0.080 χ^2 /NDF: 2660955.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

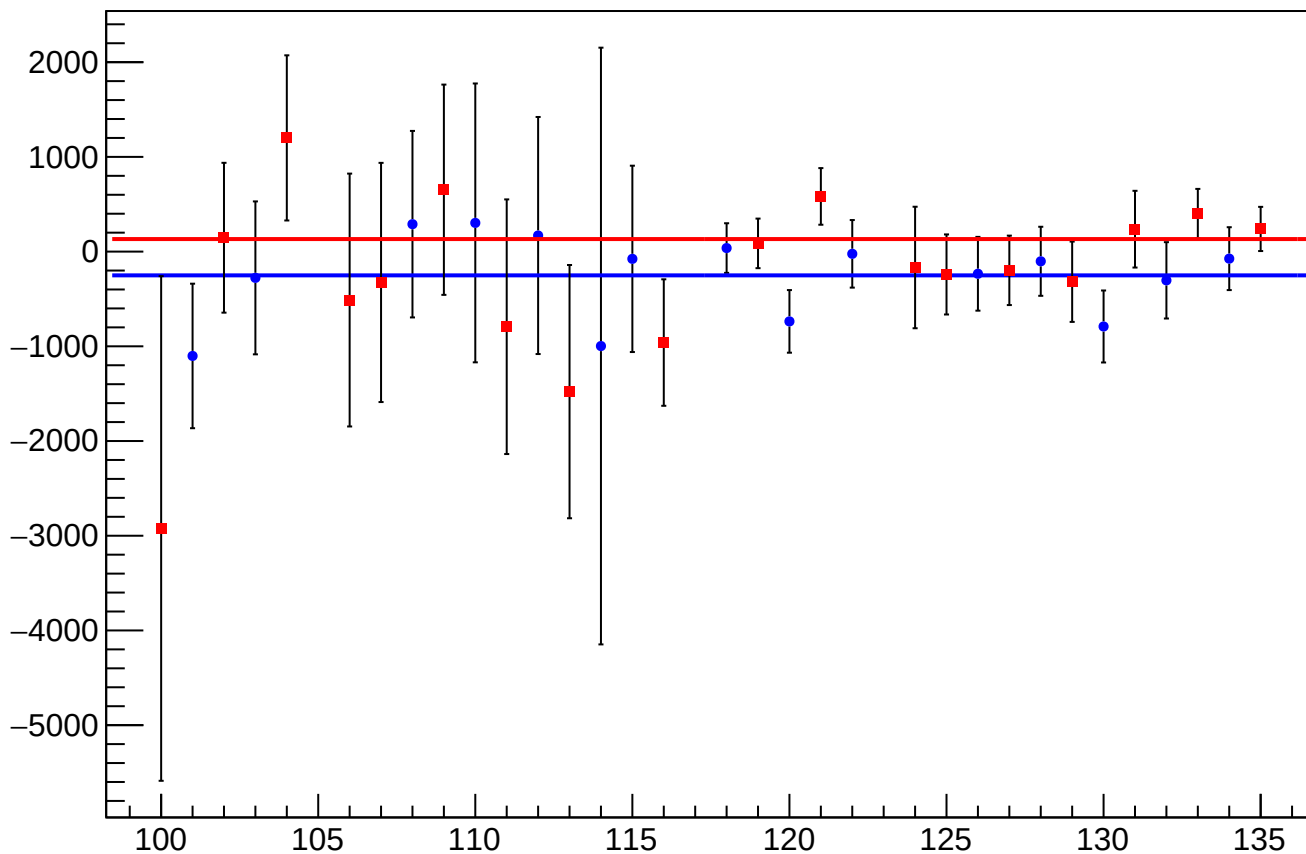
Right Out: 226.523 $\pm$ 0.069 χ^2 /NDF: 3802578.2/17

All: 237.385 $\pm$ 0.052 χ^2 /NDF: 6520810.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_mean vs Slug



Right In: -250.899+/-115.951 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 132.418+/-102.971 χ^2/NDF : 14.6/17

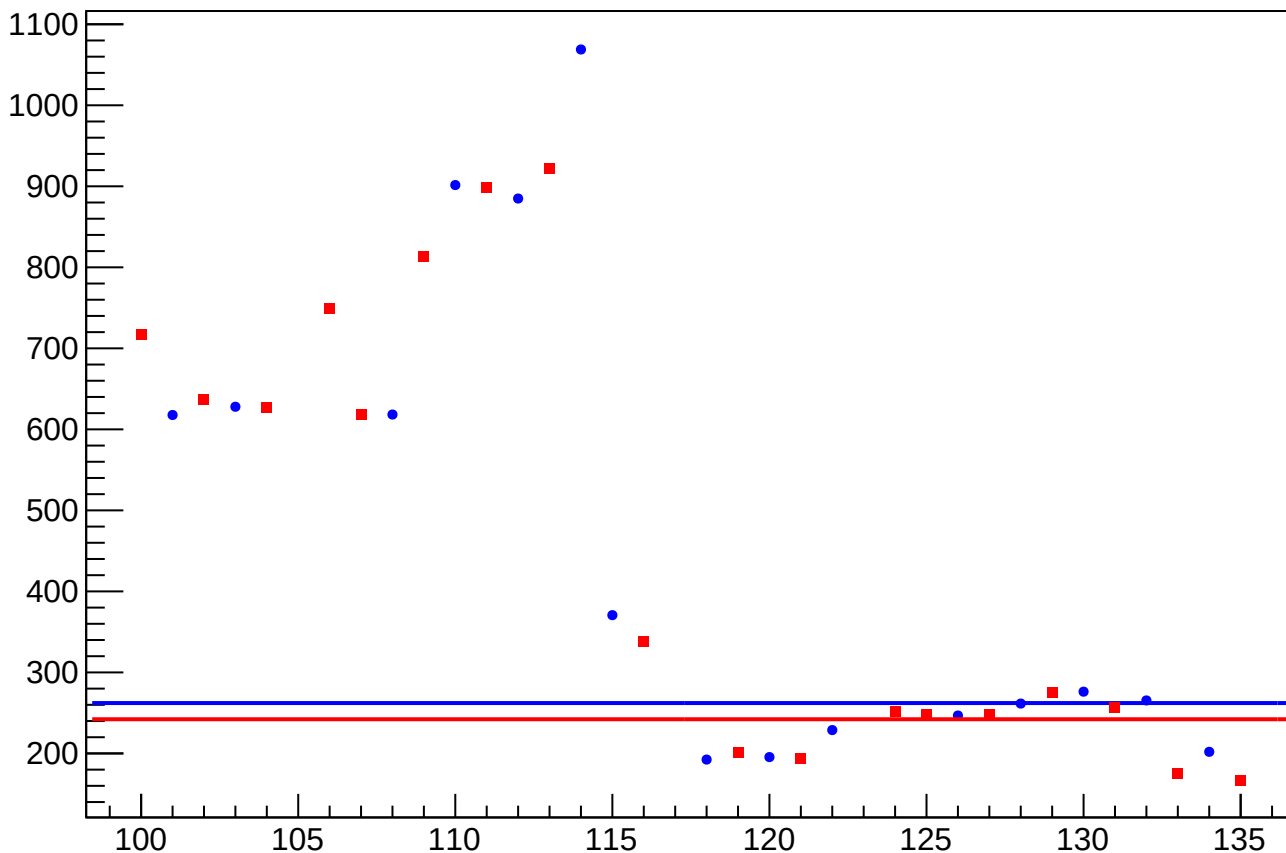
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -36.593+/-76.993 χ^2/NDF : 28.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_rms vs Slug



Right In: 262.181+/-0.082 χ^2/NDF : 2446735.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

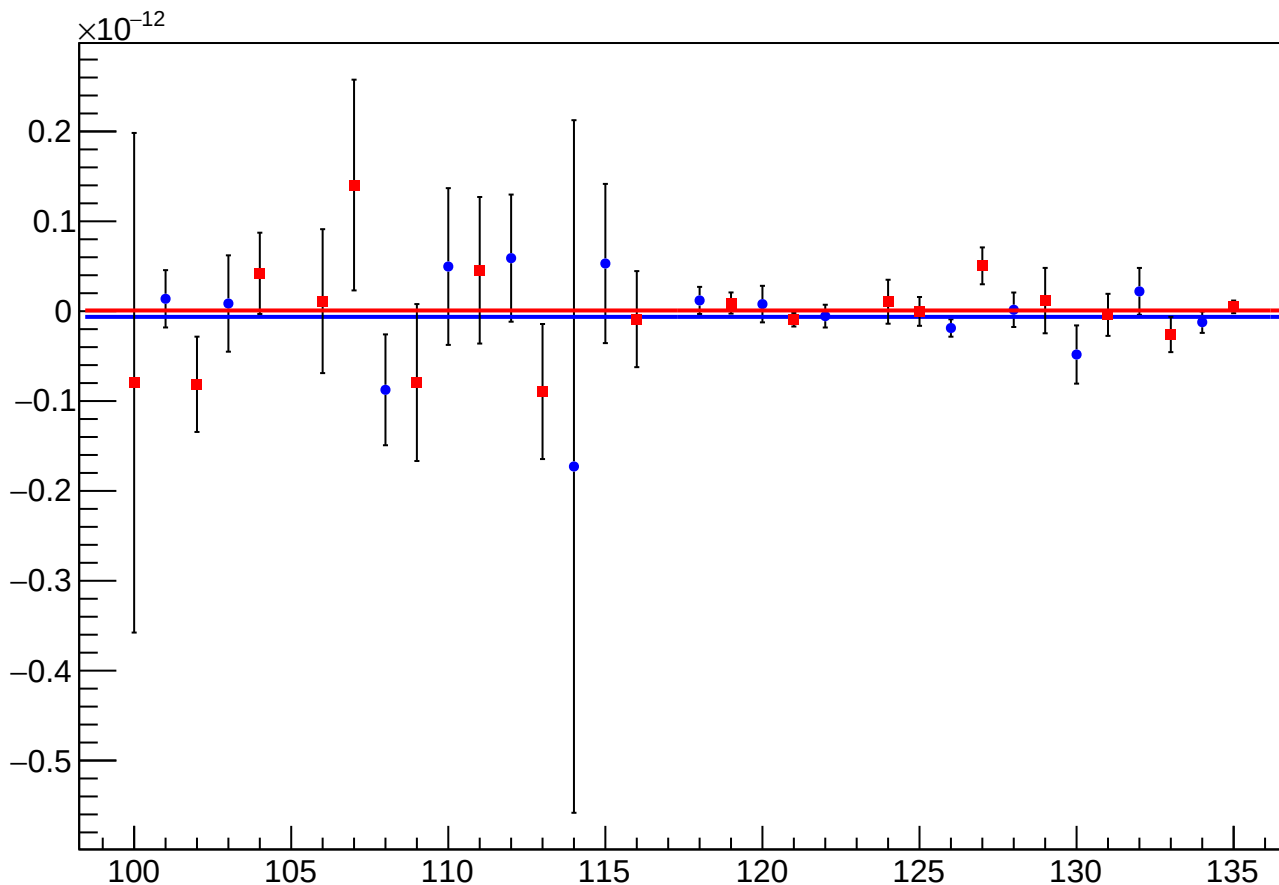
Right Out: 242.186+/-0.073 χ^2/NDF : 3441072.6/17

All: 251.002+/-0.054 χ^2/NDF : 5921056.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000 $\pm$ 0.000 χ^2 /NDF: 11.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 18.1/17

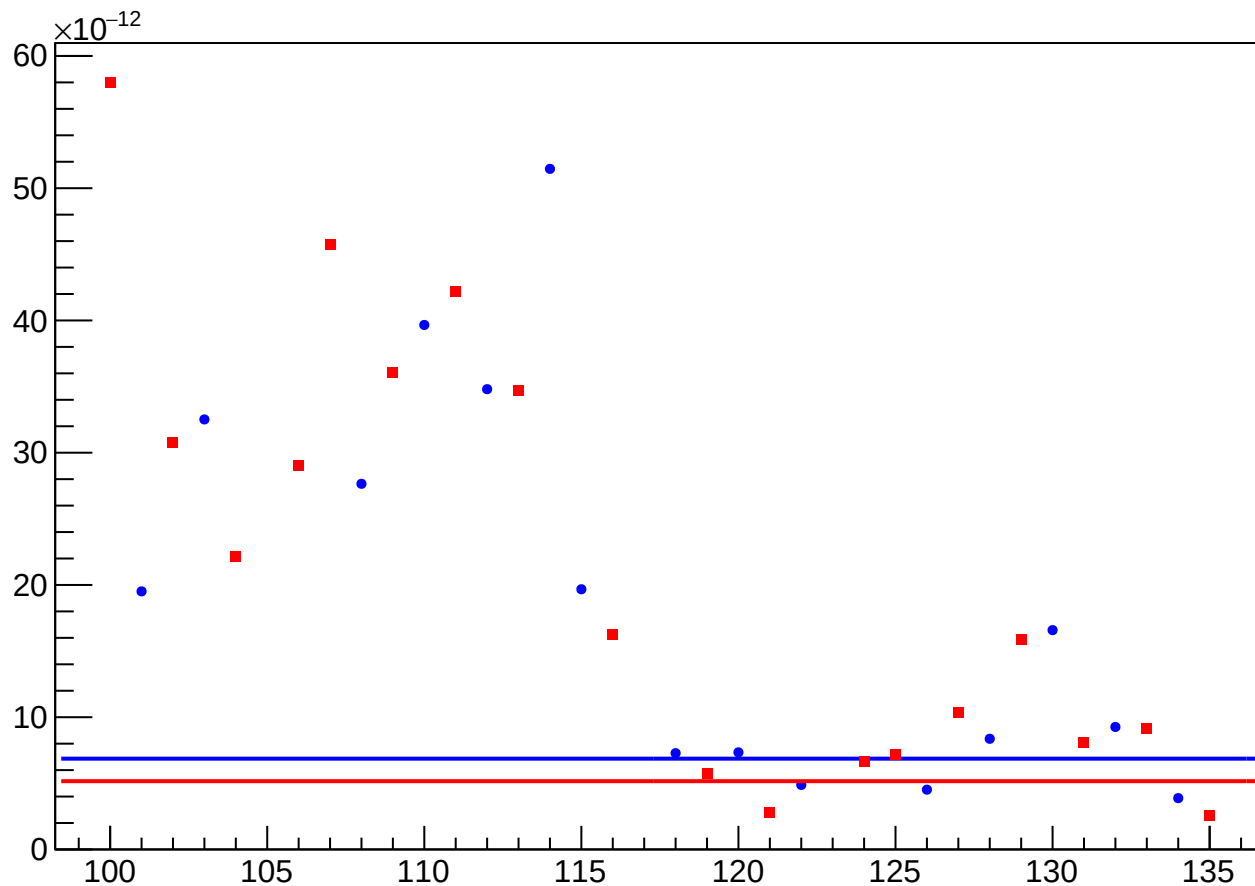
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 30.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2167016.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3226962.5/17

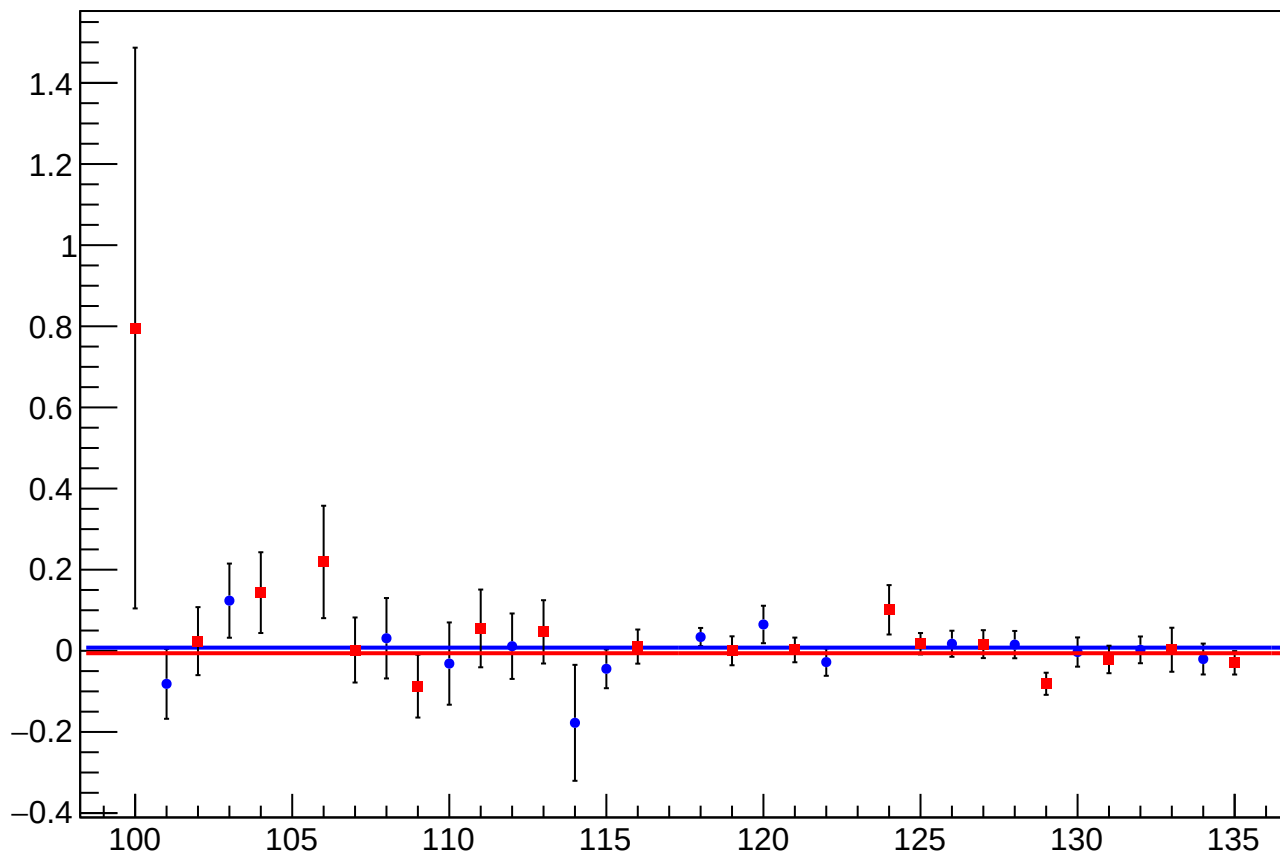
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 5528890.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.011 χ^2 /NDF: 10.6/14

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

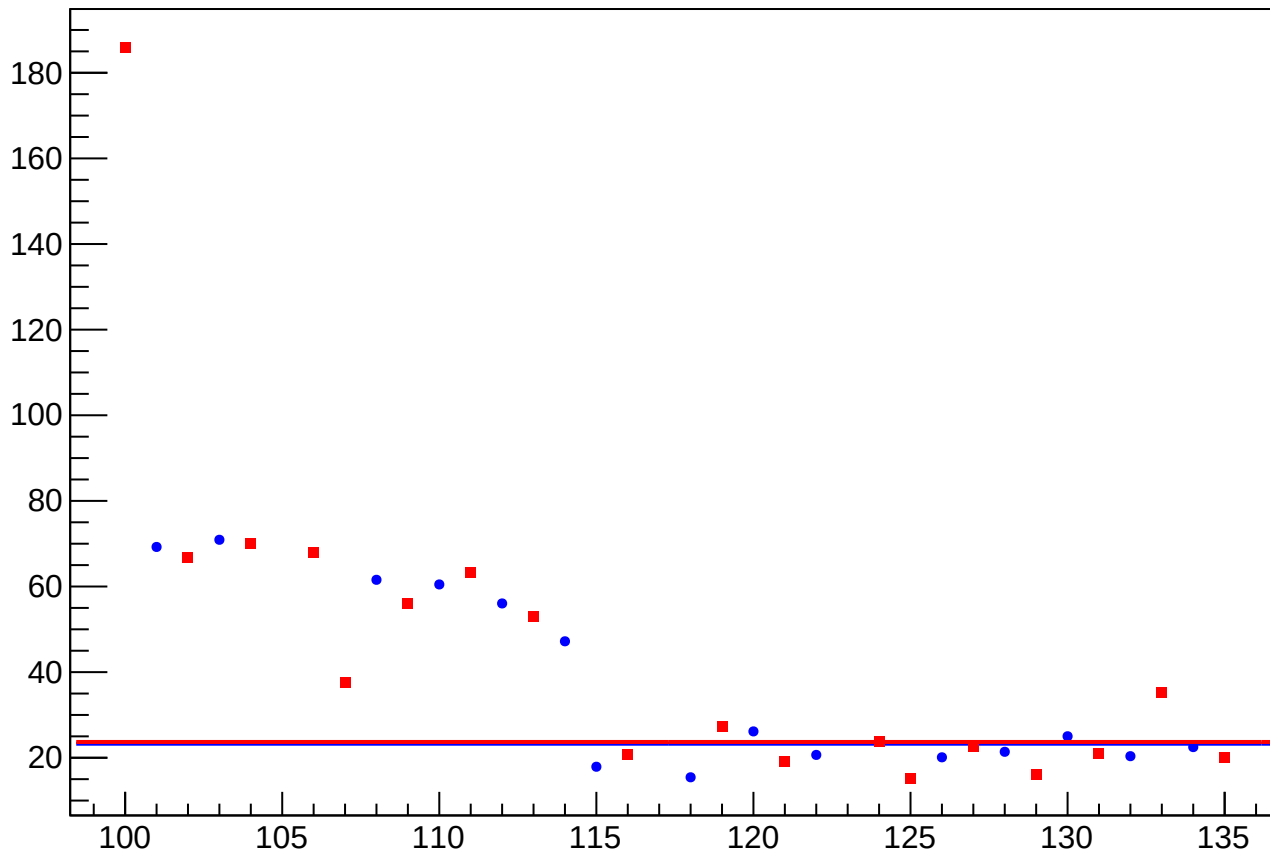
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_dit_vs_cor_diff_rms vs Slug



Right In: 23.283+/-0.008 χ^2/NDF : 2404348.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.691+/-0.007 χ^2/NDF : 2884273.6/17

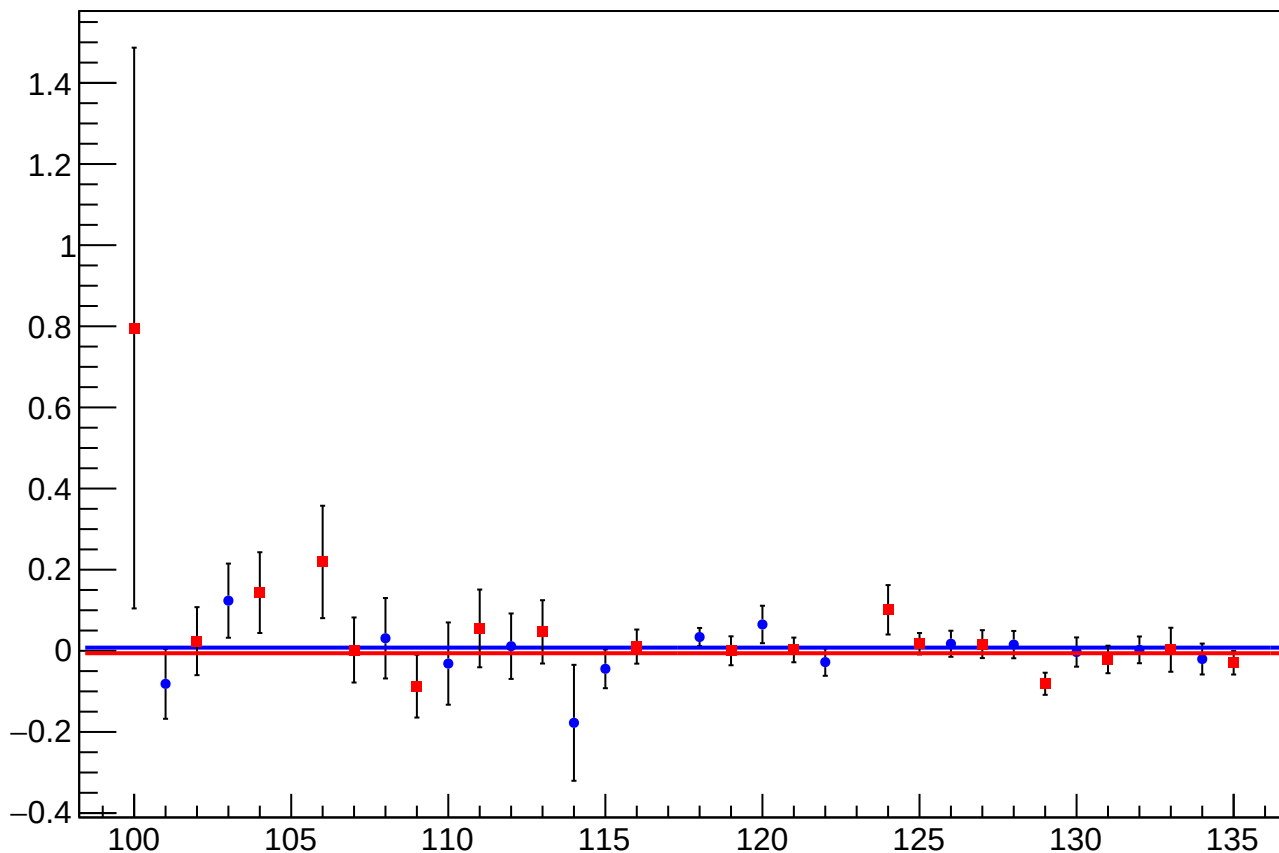
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.498+/-0.005 χ^2/NDF : 5290139.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008+/-0.011 χ^2/NDF : 10.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.006+/-0.010 χ^2/NDF : 21.4/17

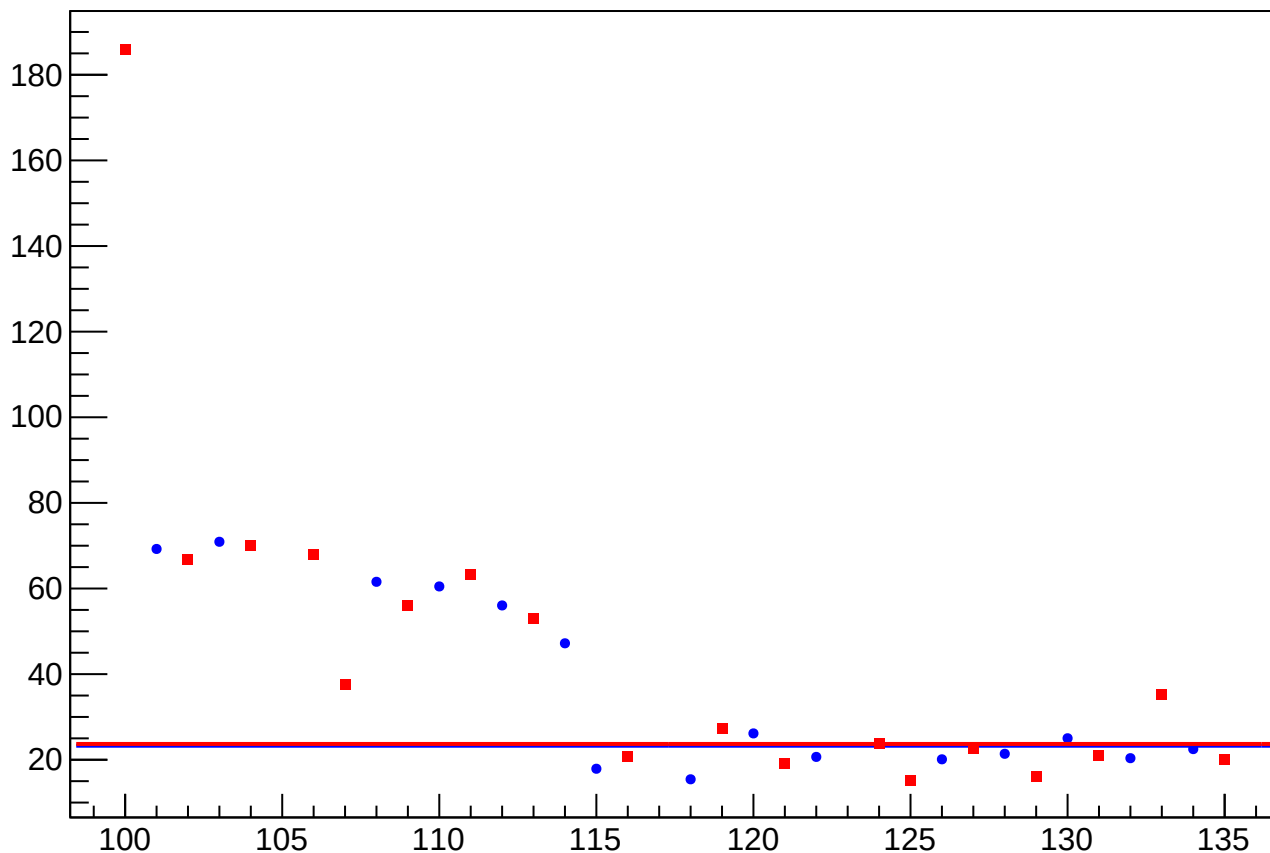
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.007 χ^2/NDF : 32.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.283+/-0.008 χ^2/NDF : 2404348.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 23.691+/-0.007 χ^2/NDF : 2884273.6/17

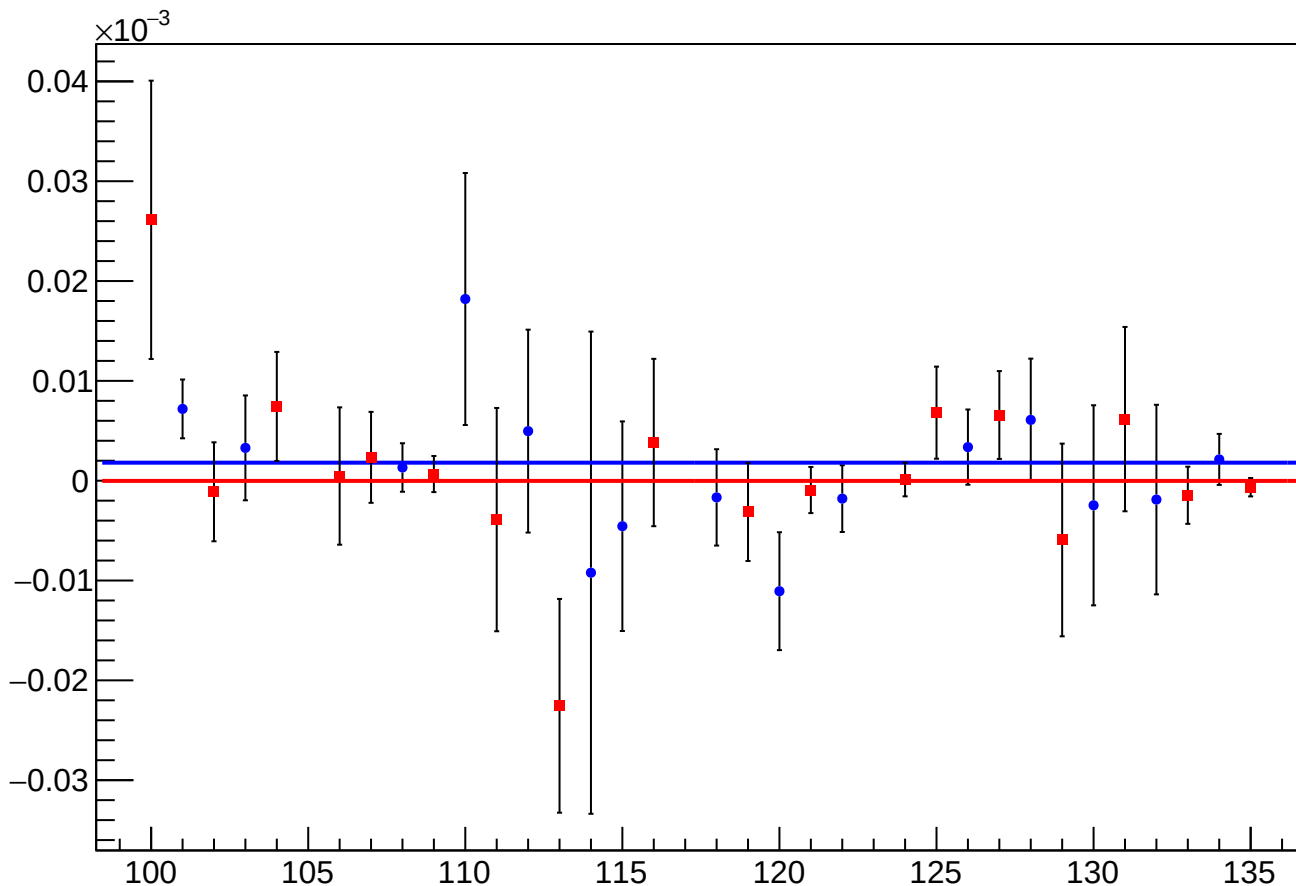
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 23.498+/-0.005 χ^2/NDF : 5290139.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 17.2/17

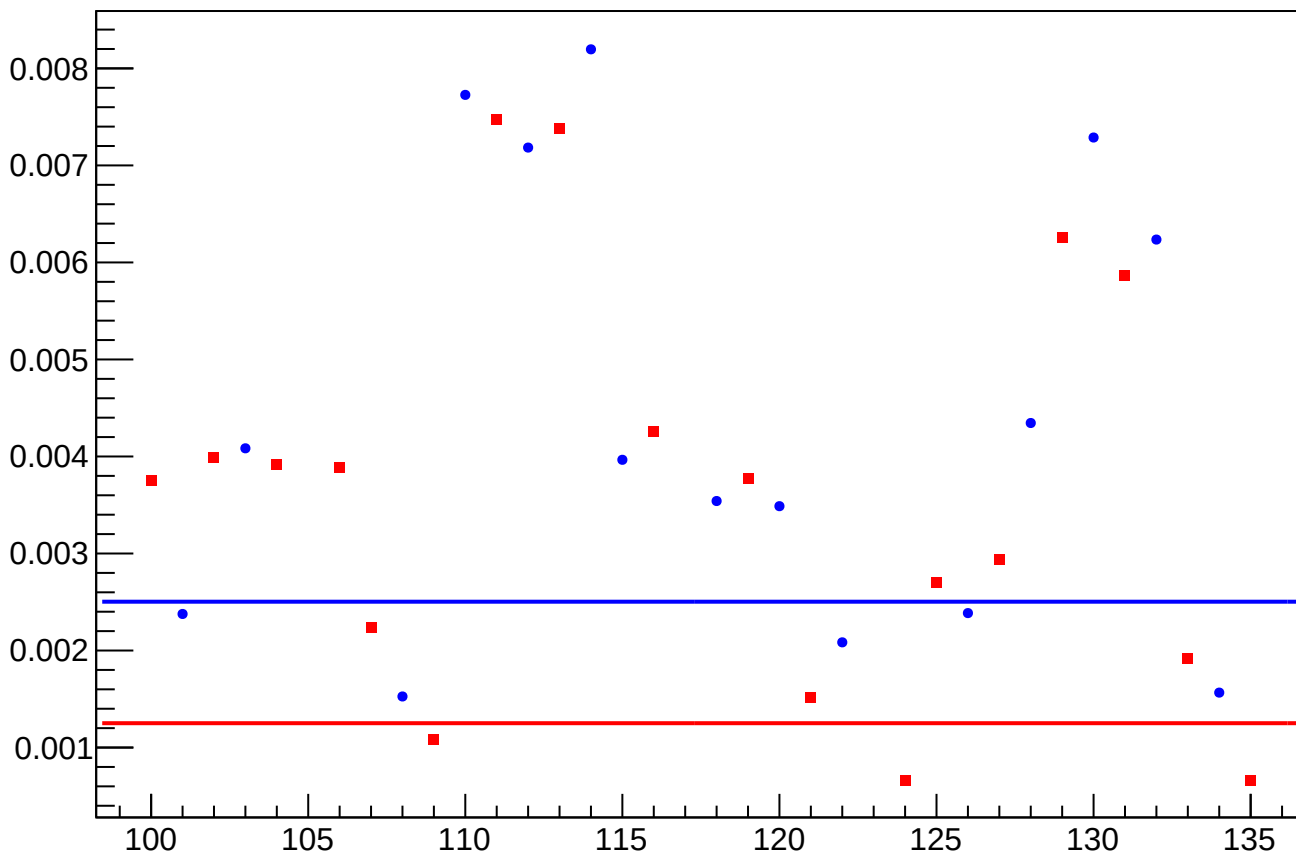
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 32.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 2820234.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 6355394.3/17

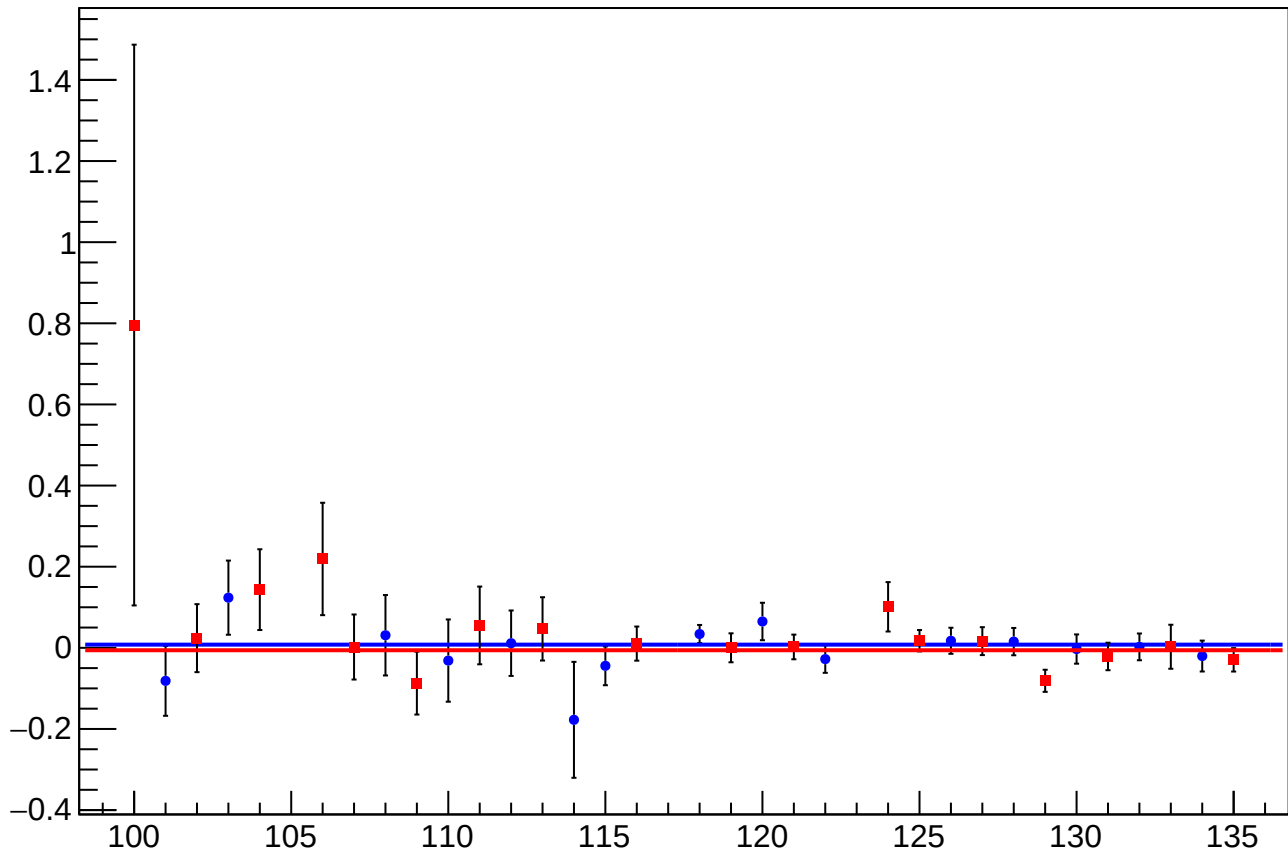
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 11038183.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.011 χ^2 /NDF: 10.6/14

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

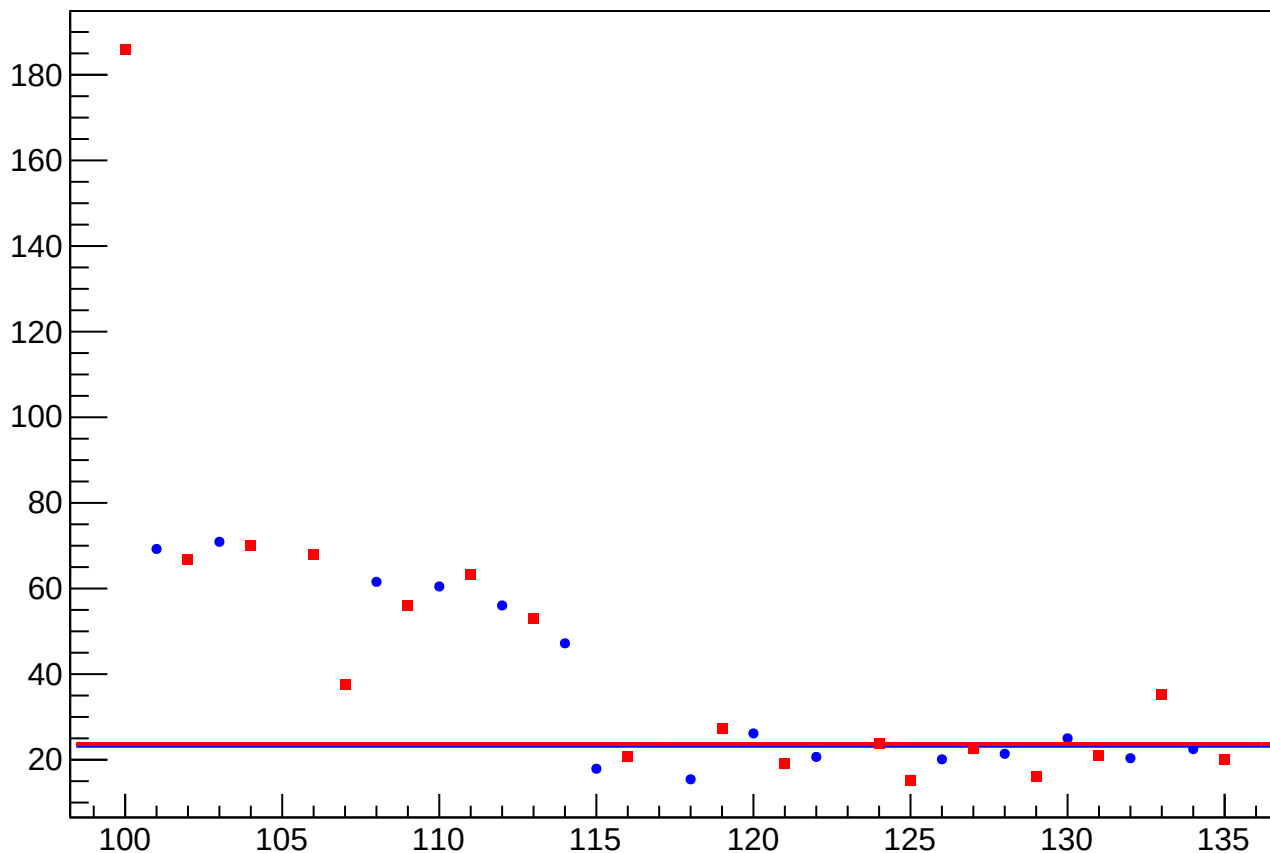
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 23.282 $\pm$ 0.008 χ^2 /NDF: 2404381.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.691 $\pm$ 0.007 χ^2 /NDF: 2884216.7/17

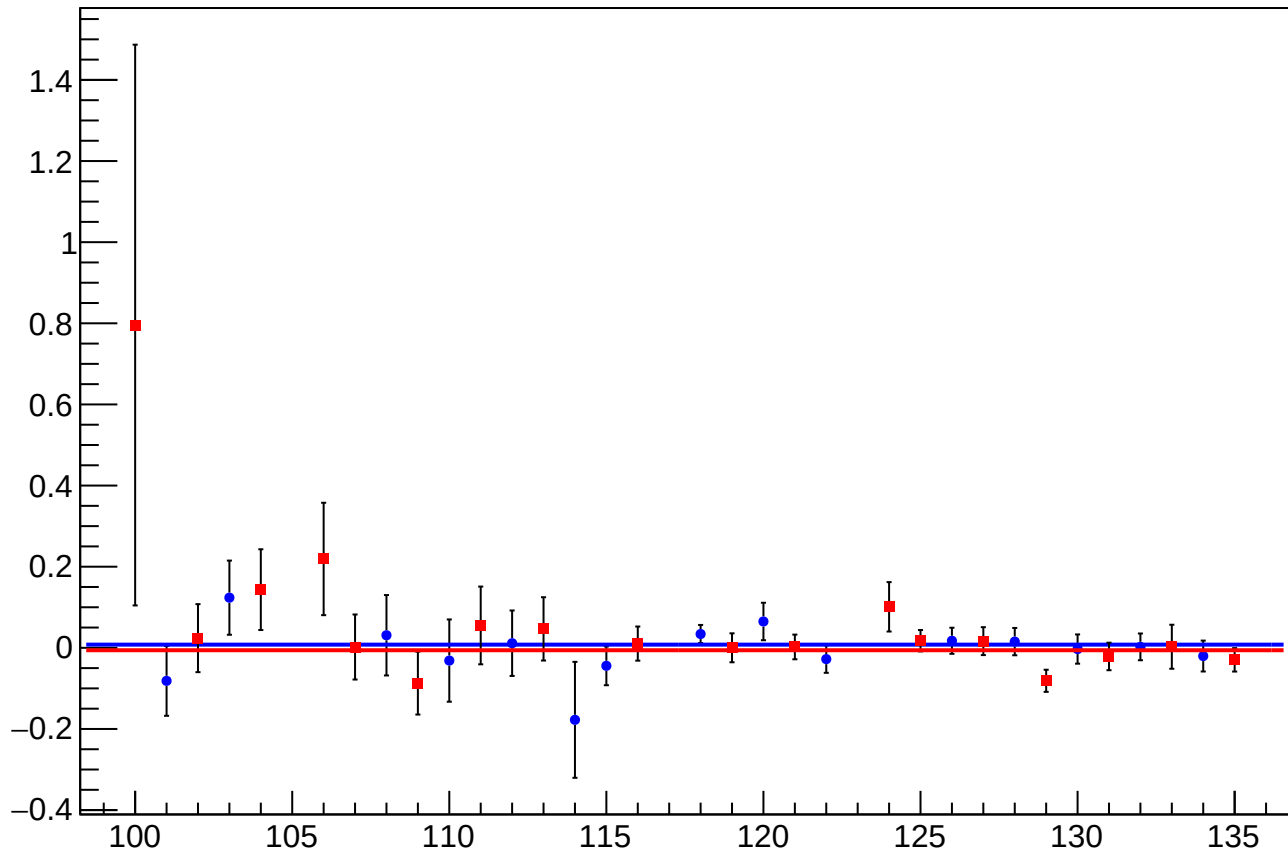
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.497 $\pm$ 0.005 χ^2 /NDF: 5290123.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.008 $\pm$ 0.011 χ^2 /NDF: 10.6/14

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

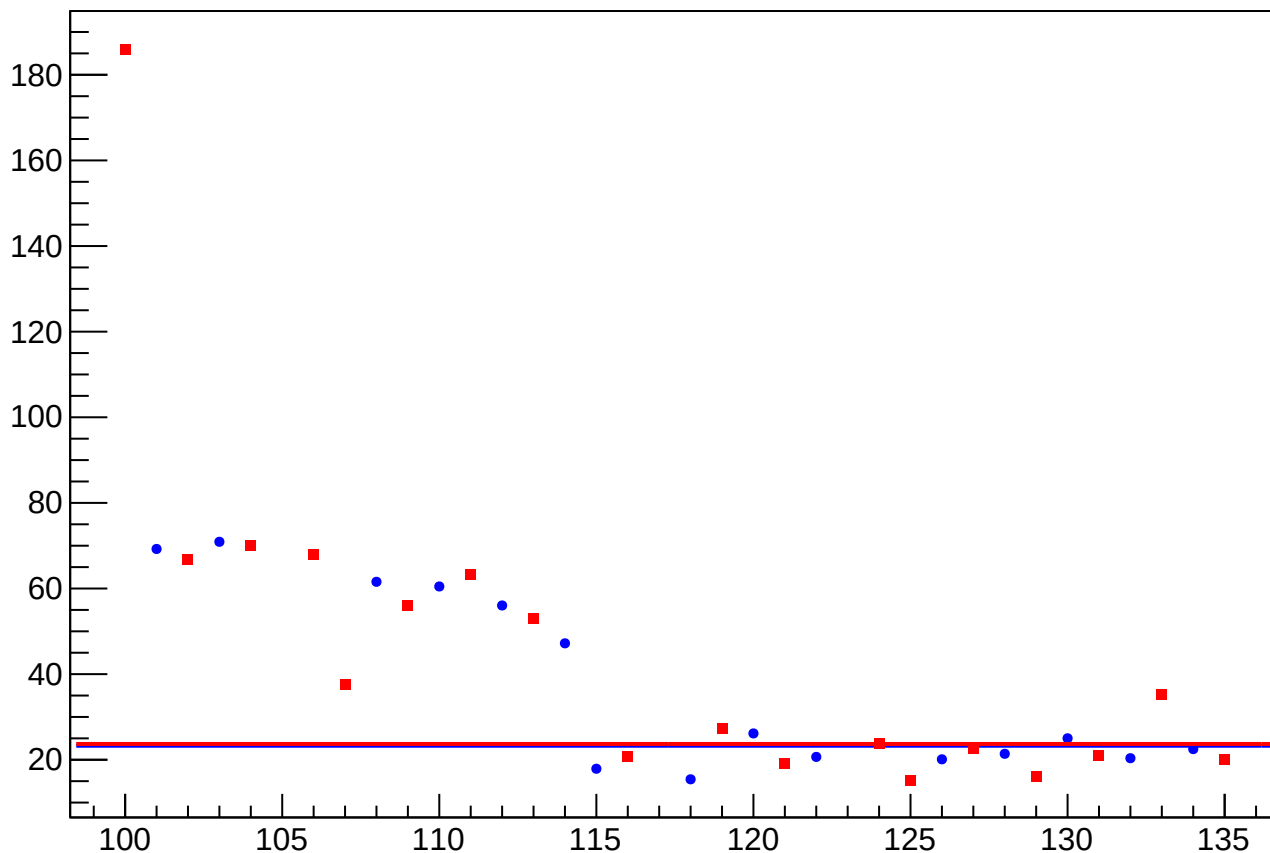
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.001 $\pm$ 0.007 χ^2 /NDF: 32.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 23.282 $\pm$ 0.008 χ^2 /NDF: 2404381.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 23.691 $\pm$ 0.007 χ^2 /NDF: 2884216.7/17

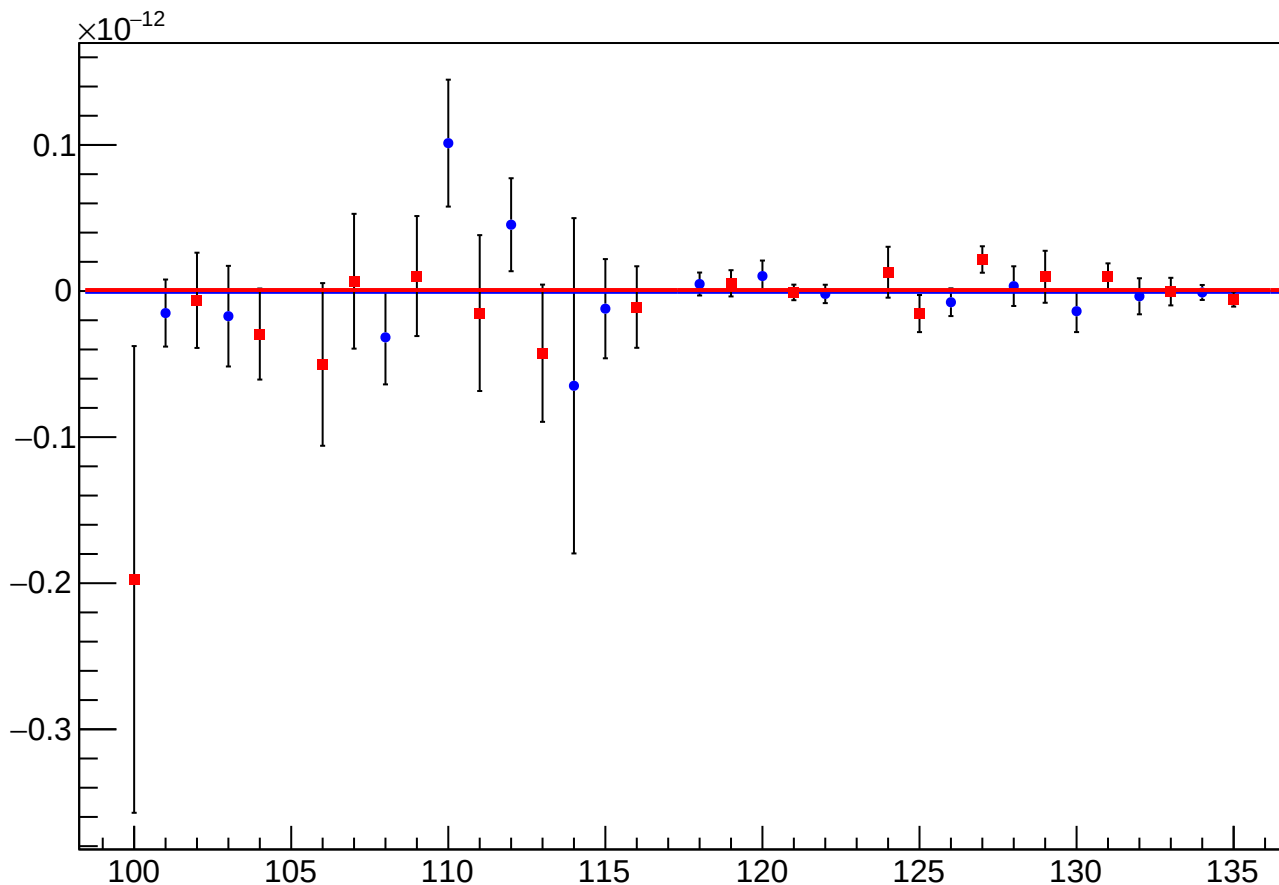
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 23.497 $\pm$ 0.005 χ^2 /NDF: 5290123.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 12.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 15.2/17

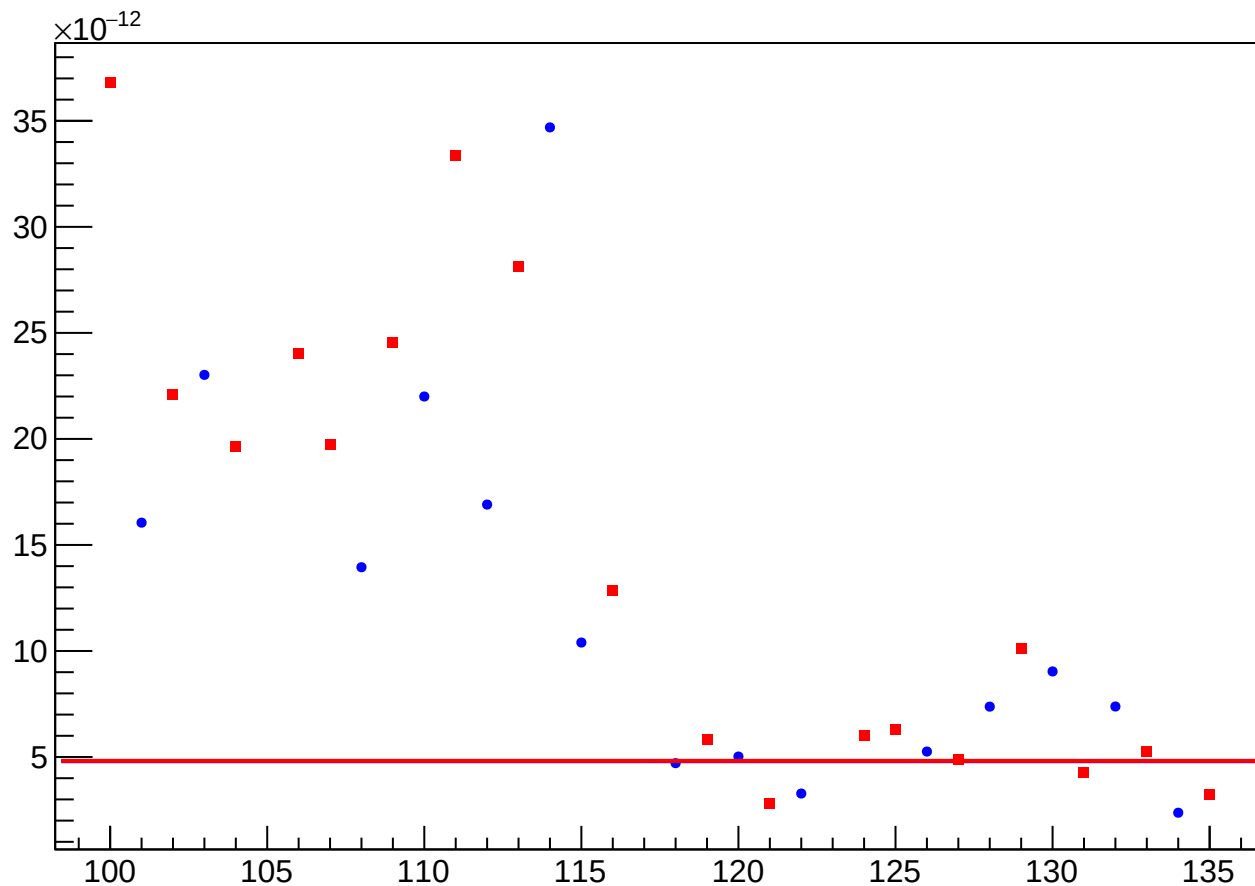
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 28.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_37_26_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 2899358.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3960099.9/17

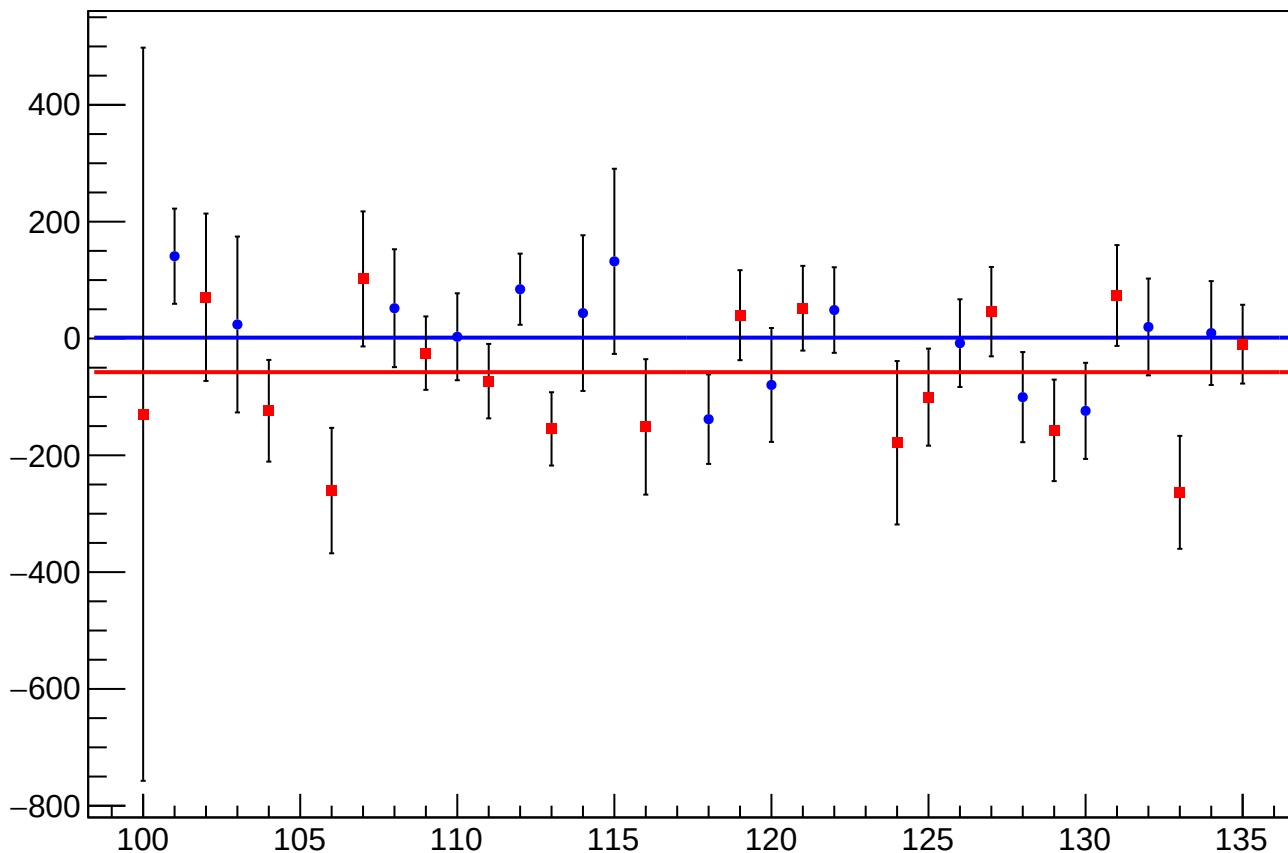
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 6859494.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_mean vs Slug



Right In: 1.441+/-21.999 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -57.632+/-20.035 χ^2 /NDF: 25.6/17

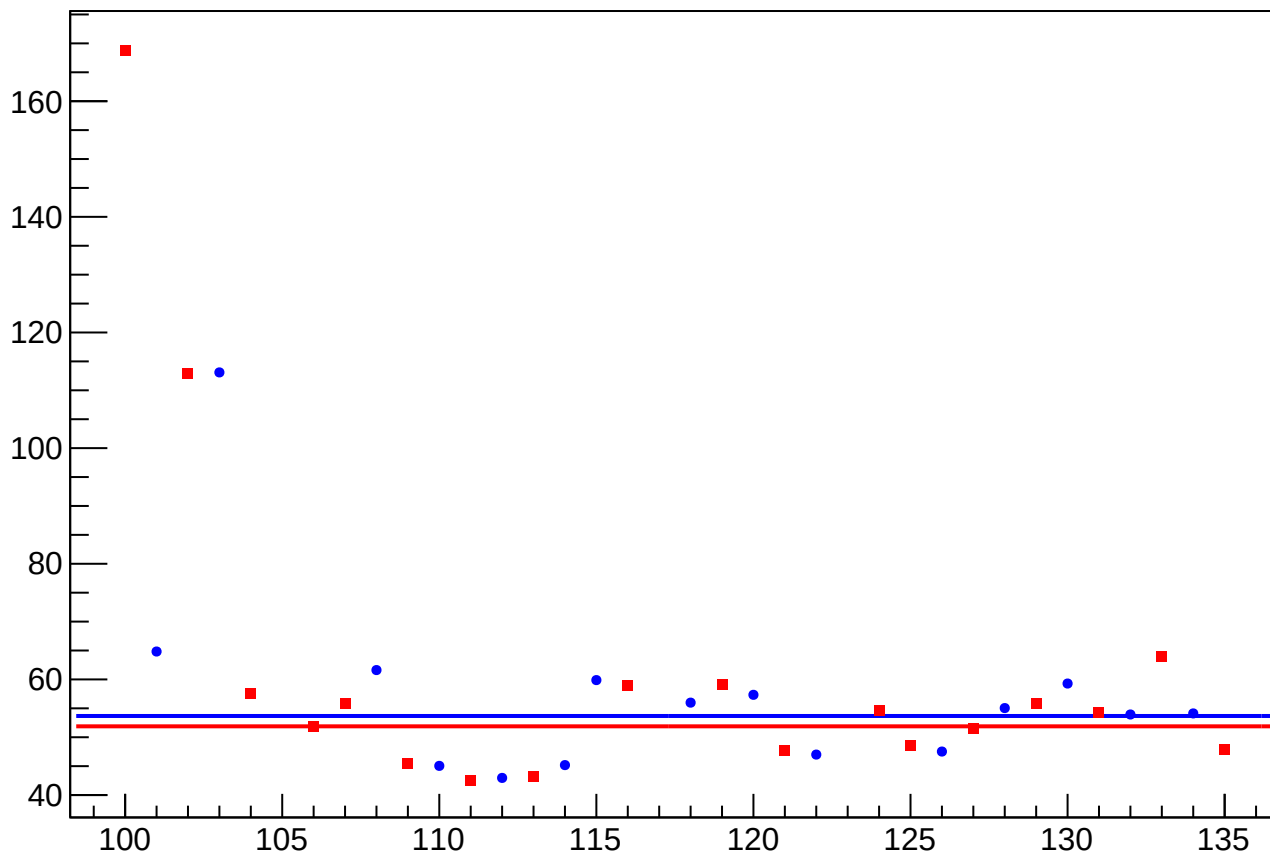
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -30.849+/-14.813 χ^2 /NDF: 44.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_rms vs Slug



Right In: 53.677+/-0.016 χ^2/NDF : 505956.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.888+/-0.014 χ^2/NDF : 625659.8/17

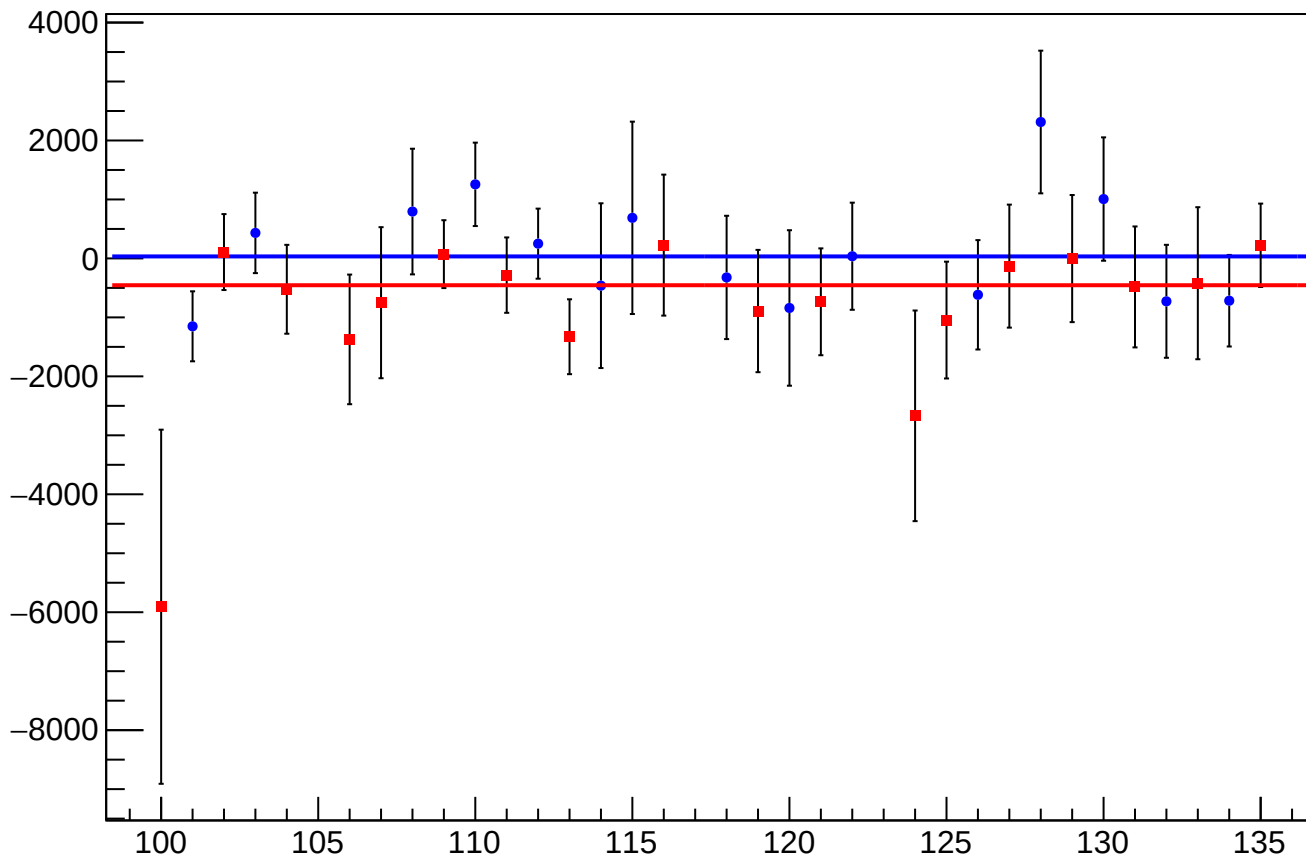
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.699+/-0.010 χ^2/NDF : 1138847.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_correction_mean vs Slug



Right In: 33.904 $\pm$ 224.737 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -454.680 $\pm$ 207.697 χ^2 /NDF: 11.3/17

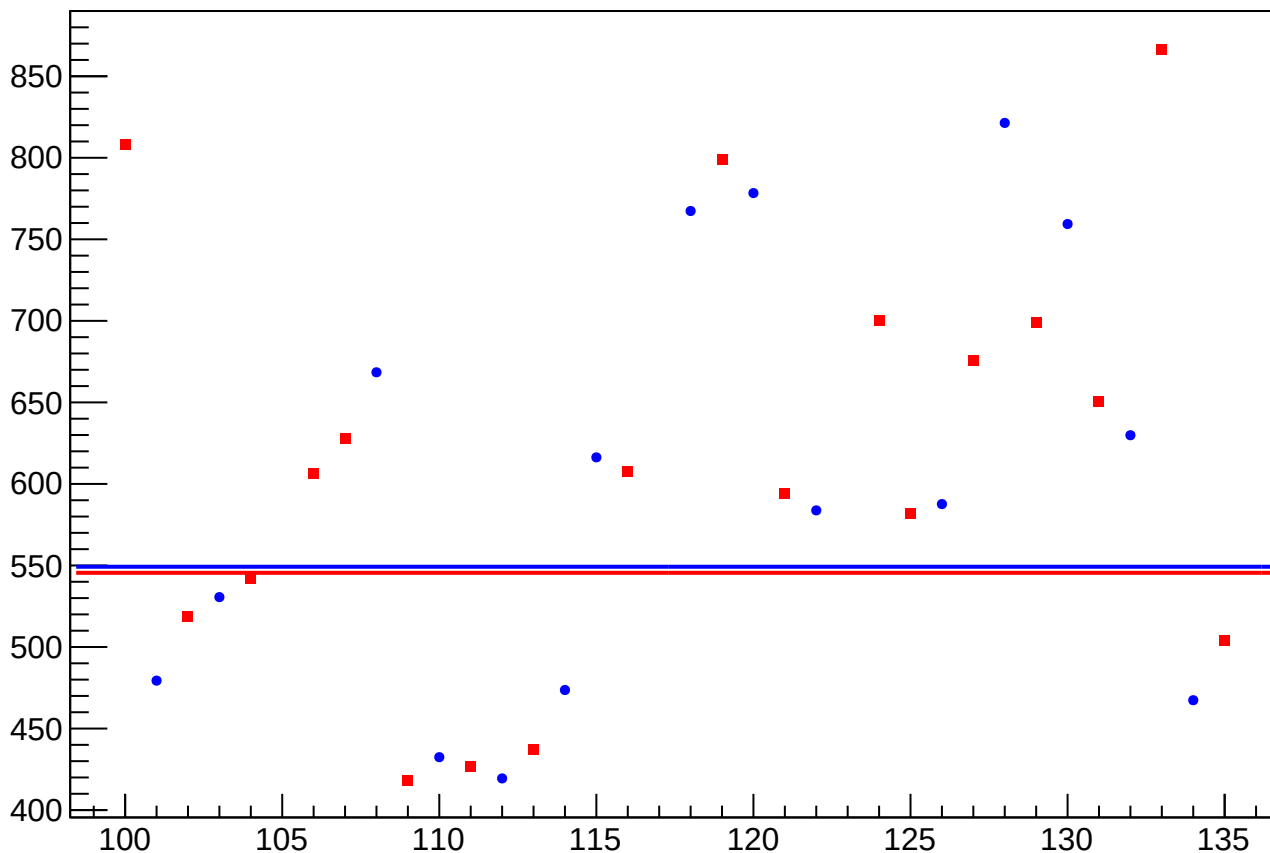
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -229.611 $\pm$ 152.533 χ^2 /NDF: 29.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_correction_rms vs Slug



Right In: 549.227+/-0.159 χ^2/NDF : 585579.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 545.499+/-0.147 χ^2/NDF : 630561.5/17

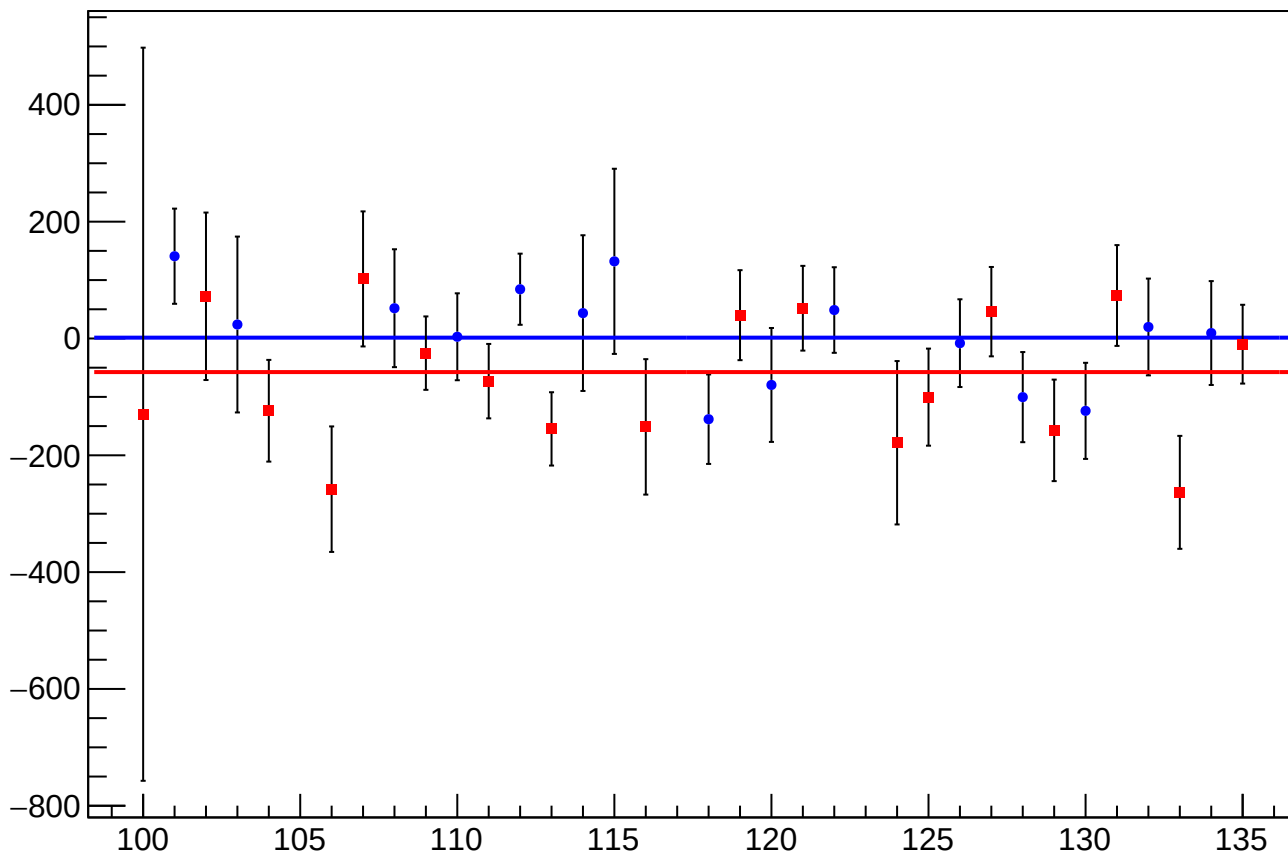
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 547.217+/-0.108 χ^2/NDF : 1216438.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_avg_mean vs Slug



Right In: 1.436+/-21.999 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -57.512+/-20.036 χ^2 /NDF: 25.6/17

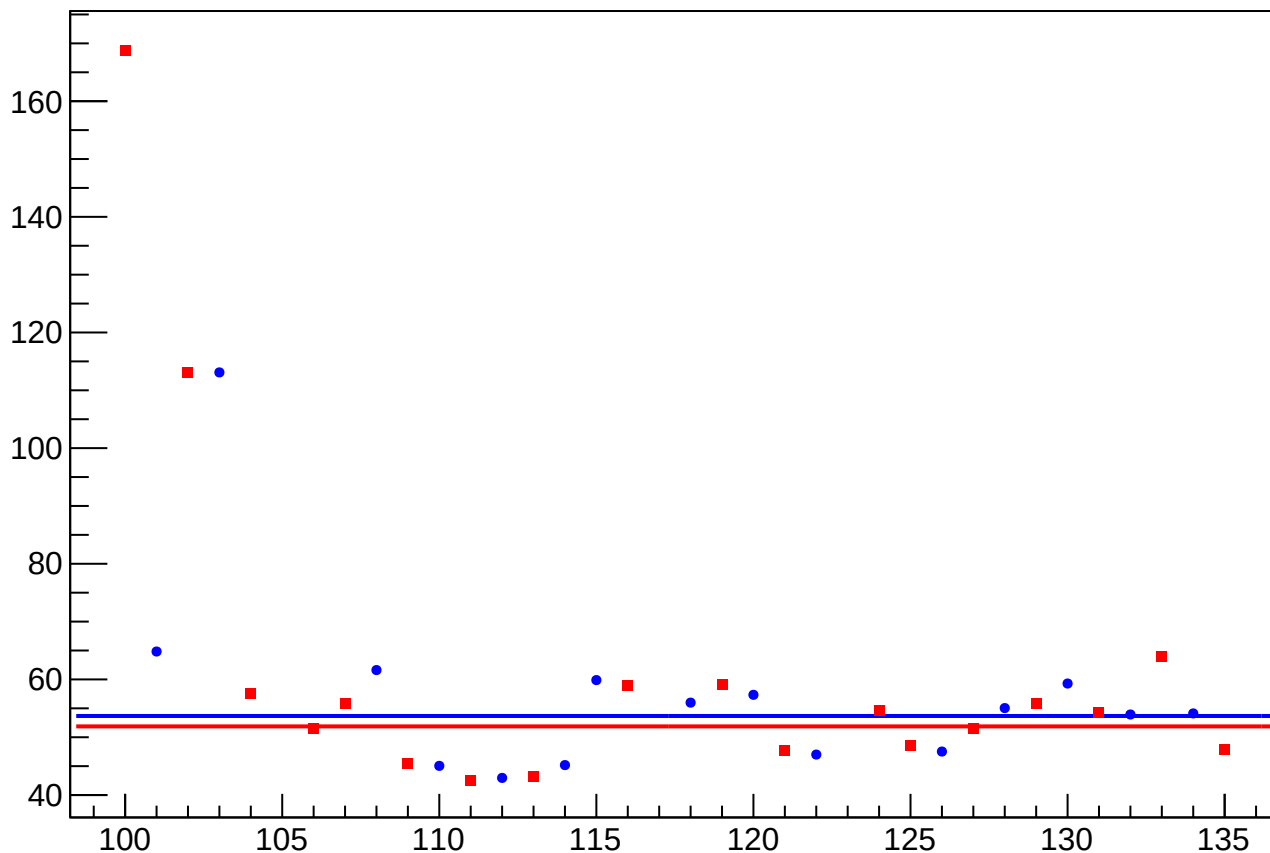
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -30.785+/-14.813 χ^2 /NDF: 43.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.677+/-0.016 χ^2/NDF : 505959.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 51.877+/-0.014 χ^2/NDF : 625915.7/17

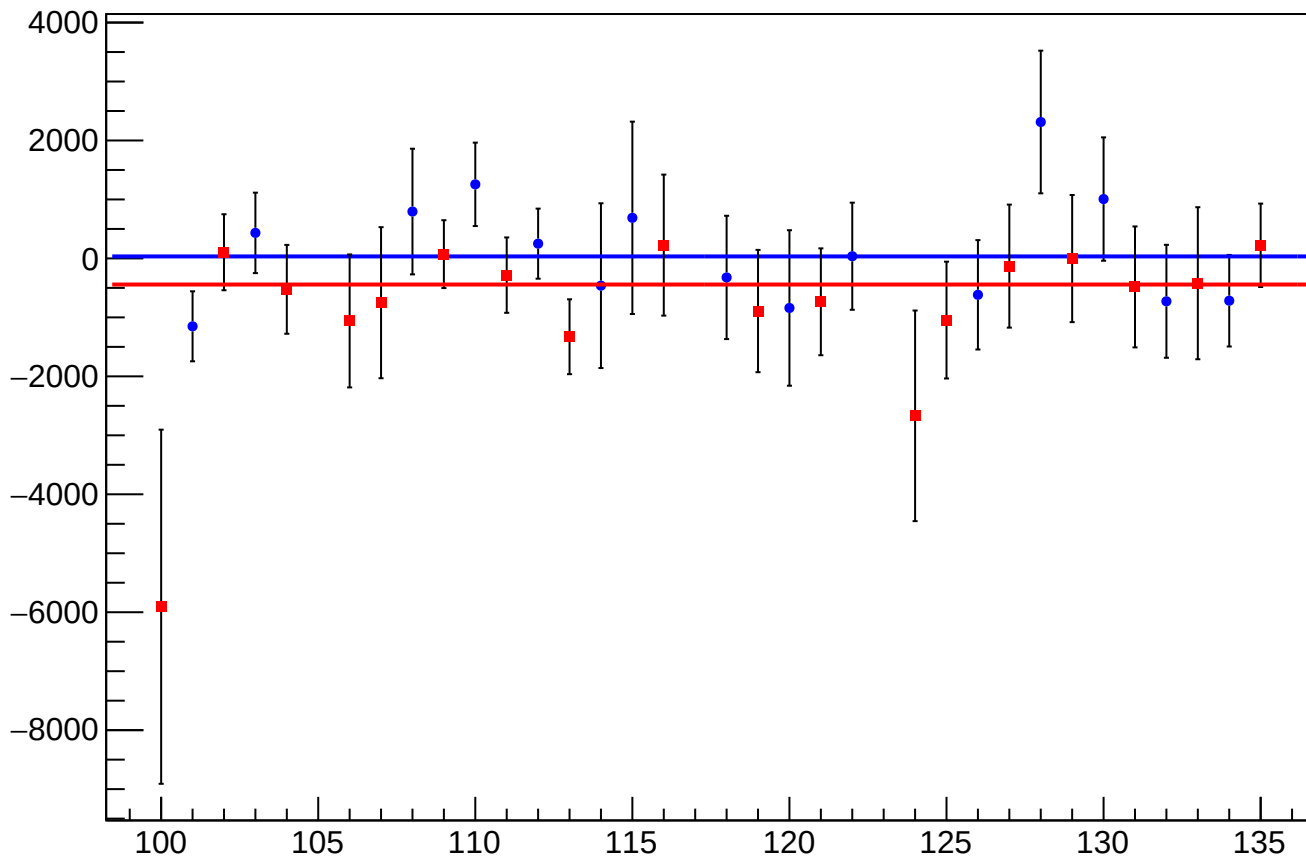
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 52.693+/-0.010 χ^2/NDF : 1139192.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_cor_correction_mean vs Slug



Right In: 33.936 $\pm$ 224.740 χ^2 /NDF: 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -442.890 $\pm$ 207.901 χ^2 /NDF: 10.9/17

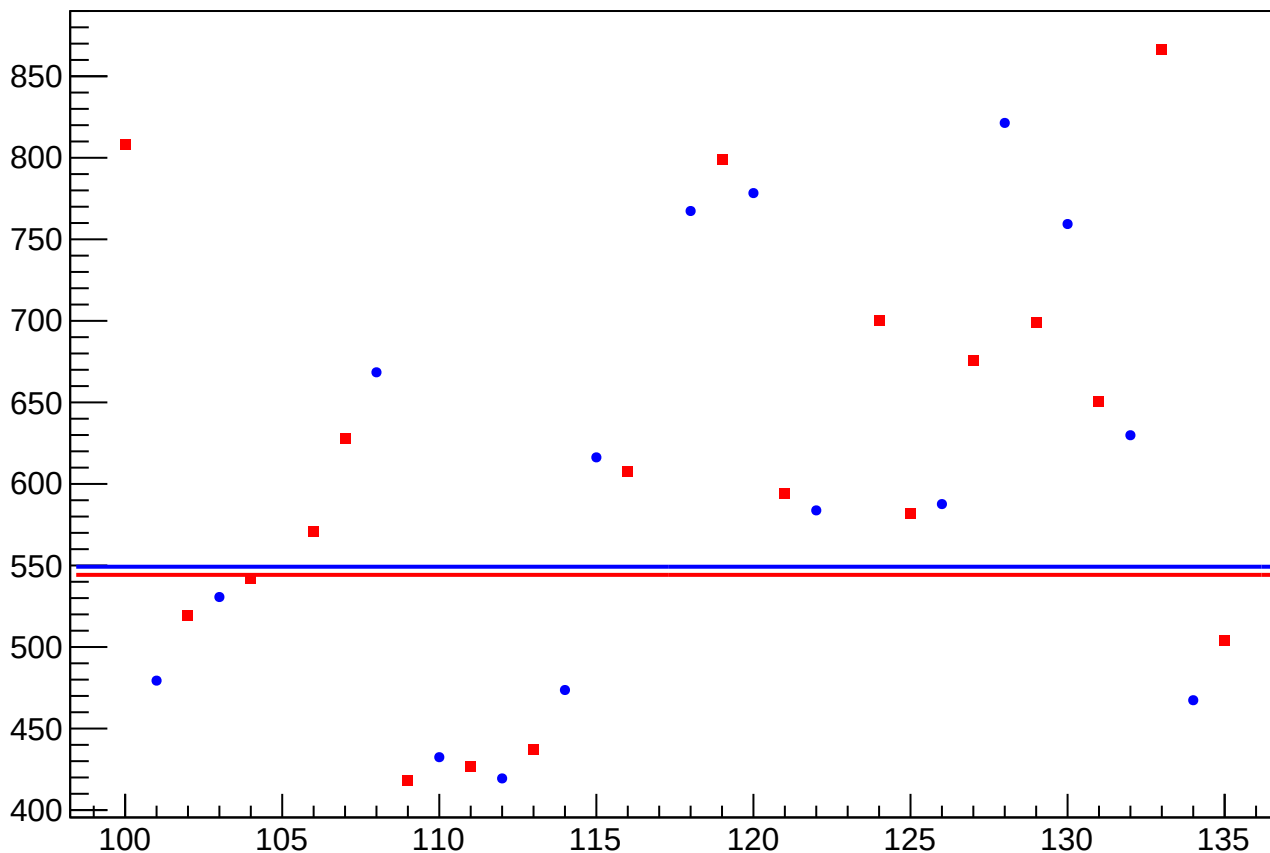
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -223.008 $\pm$ 152.614 χ^2 /NDF: 28.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_cor_correction_rms vs Slug



Right In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

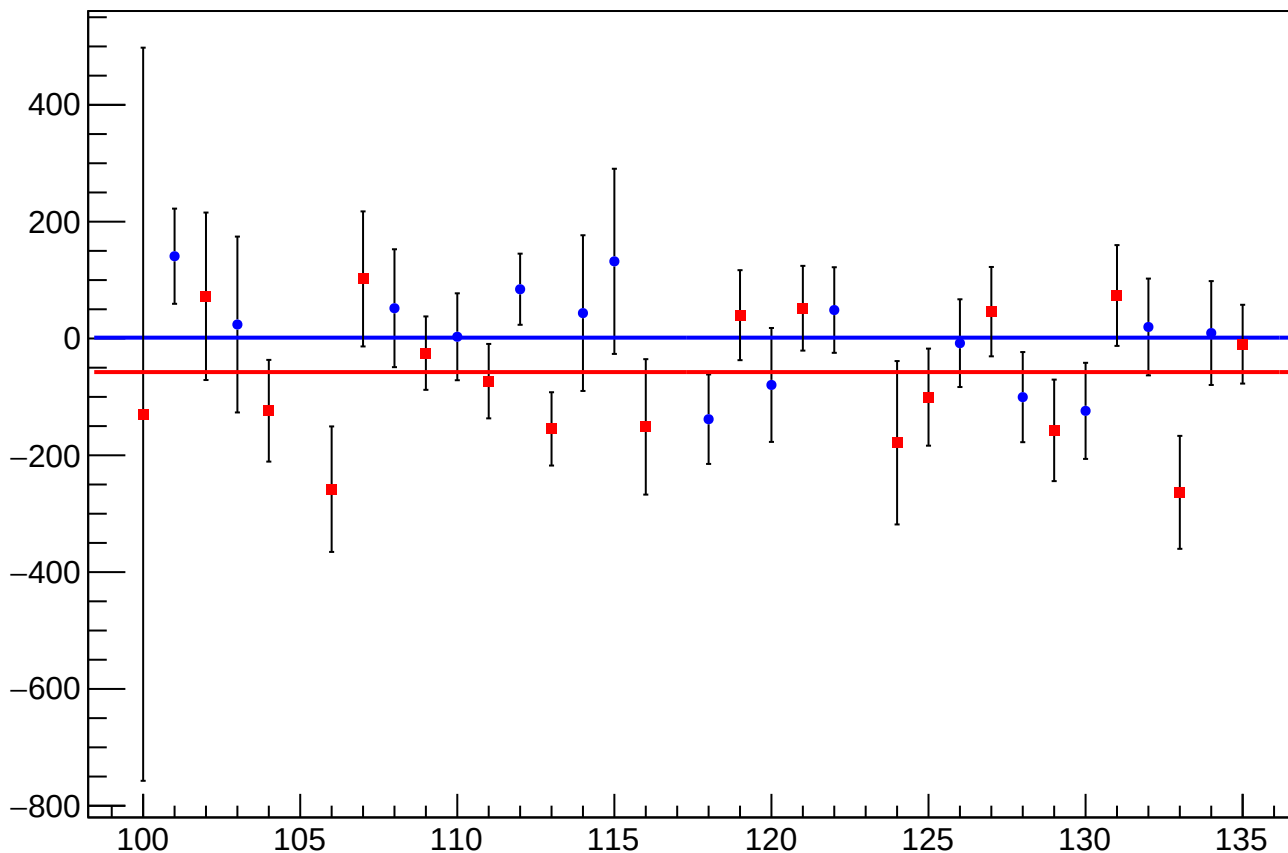
Right Out: 544.242+/-0.147 χ^2/NDF : 625267.0/17

All: 546.544+/-0.108 χ^2/NDF : 1211368.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_avg_mean vs Slug



Right In: 1.436+/-21.999 χ^2 /NDF: 14.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -57.512+/-20.036 χ^2 /NDF: 25.6/17

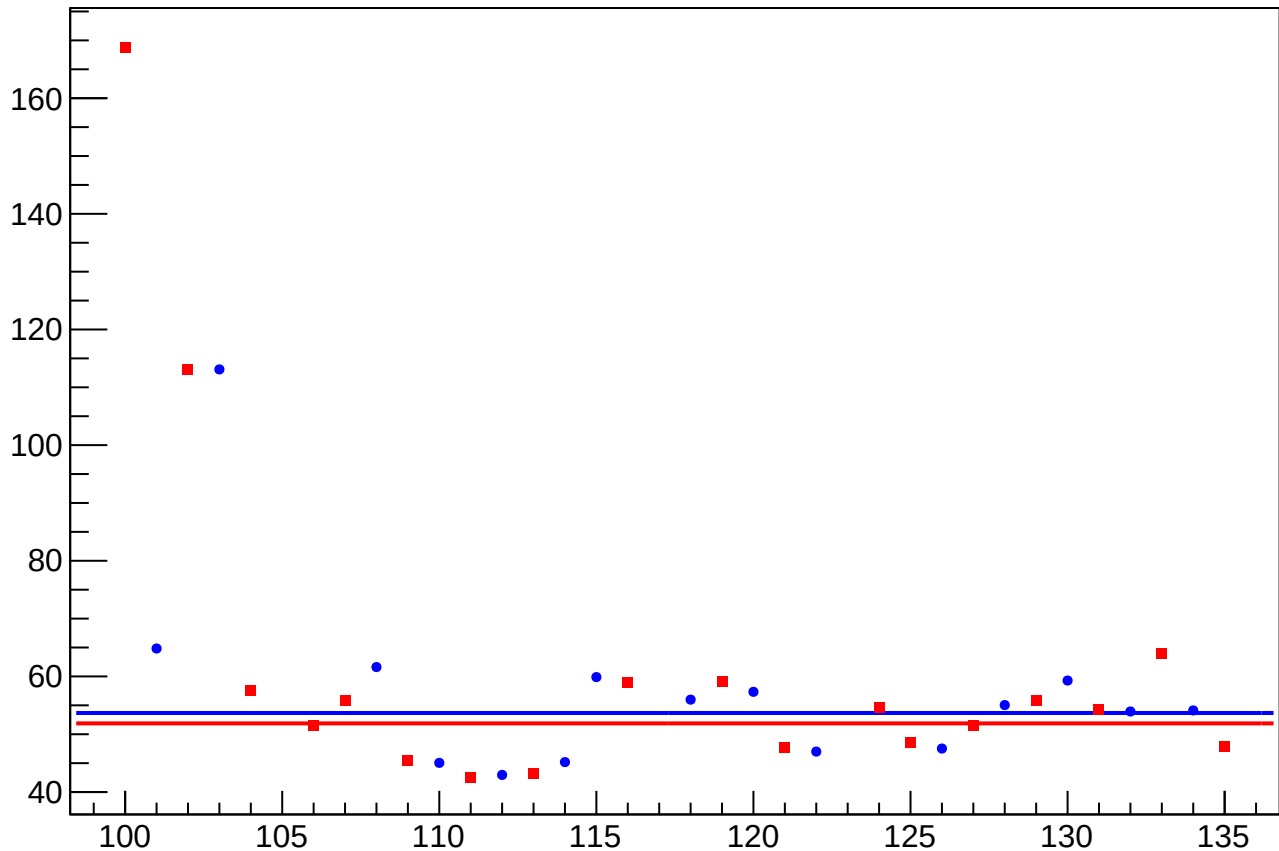
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -30.785+/-14.813 χ^2 /NDF: 43.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_1357_avg_rms vs Slug



Right In: 53.677 $\pm$ 0.016 χ^2 /NDF: 505959.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 51.877 $\pm$ 0.014 χ^2 /NDF: 625915.7/17

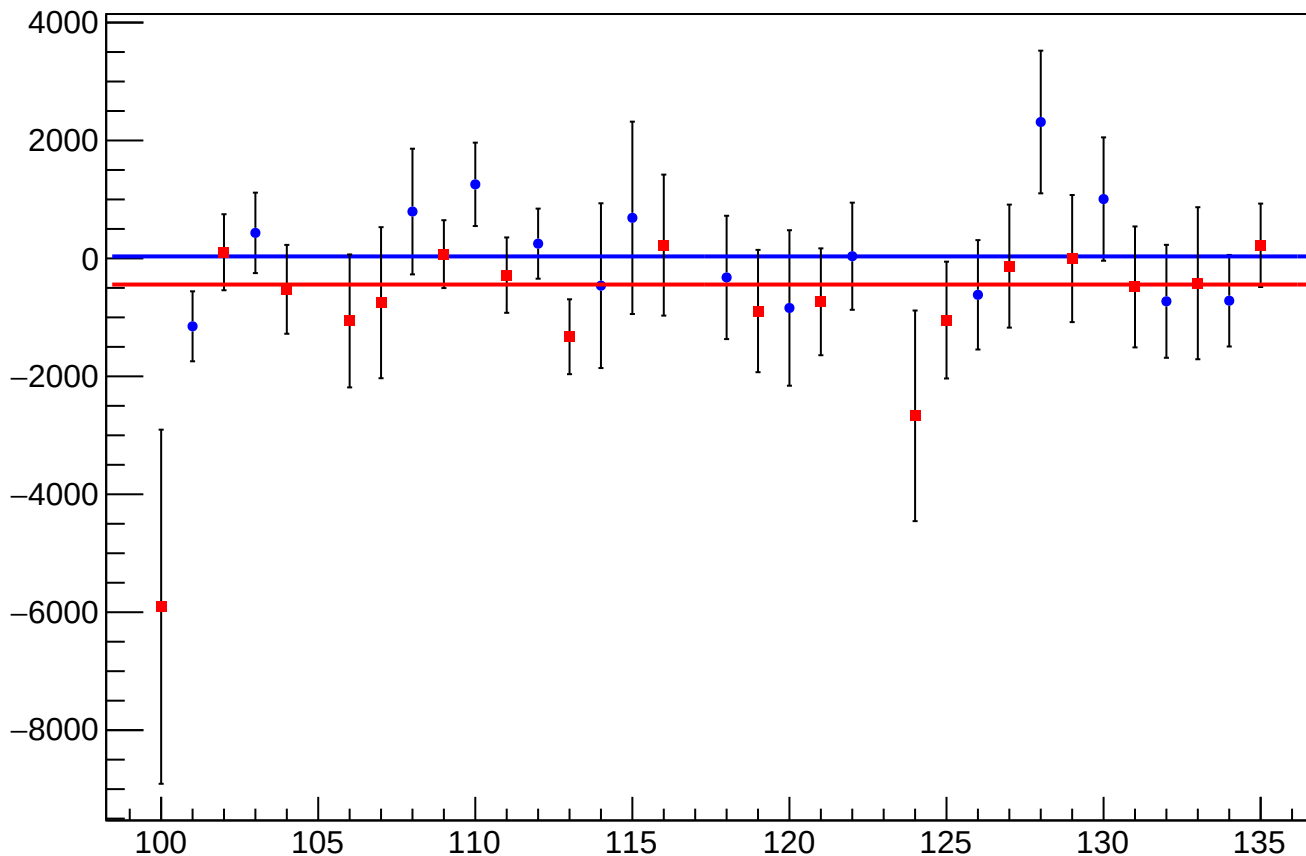
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 52.693 $\pm$ 0.010 χ^2 /NDF: 1139192.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_cor_correction_mean vs Slug



Right In: 33.936+/-224.740 χ^2/NDF : 15.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -442.890+/-207.901 χ^2/NDF : 10.9/17

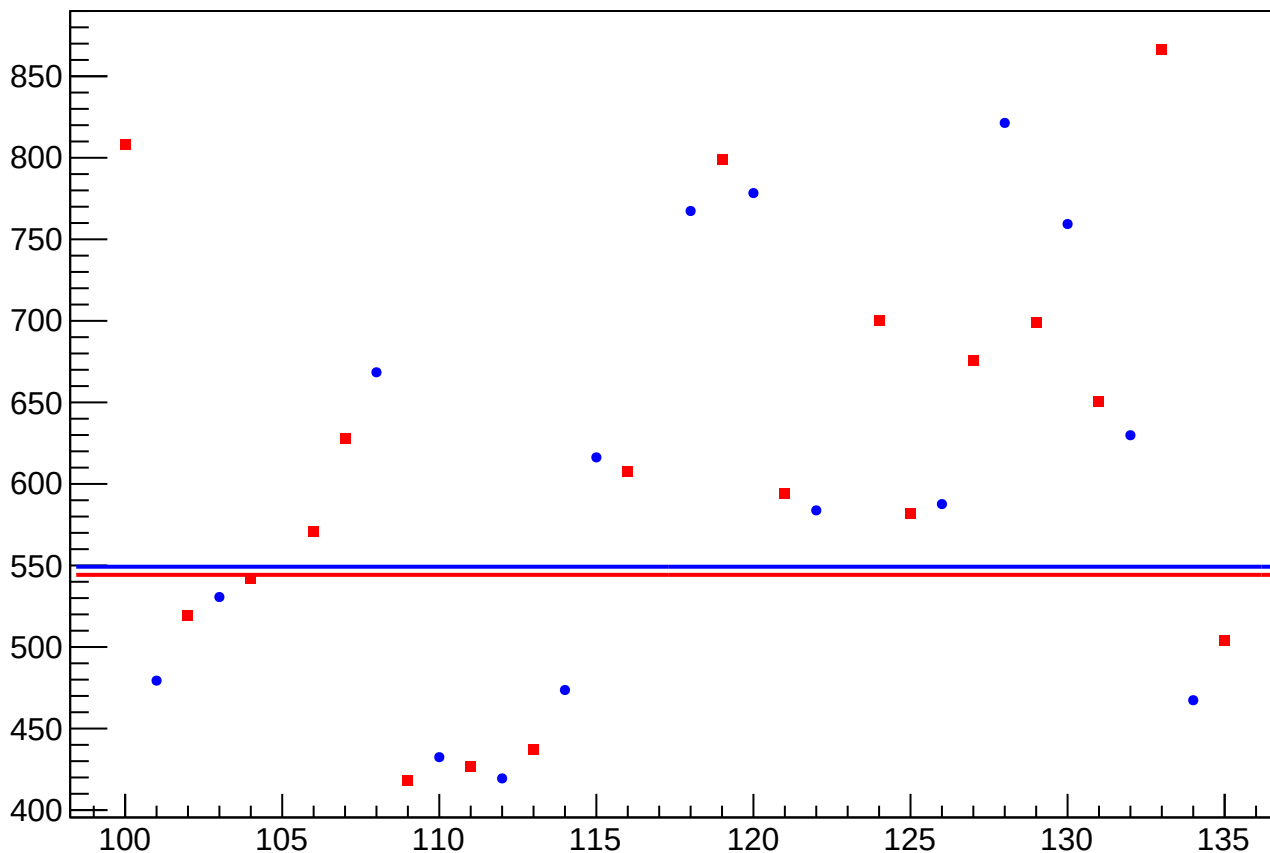
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.008+/-152.614 χ^2/NDF : 28.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_correction_rms vs Slug



Right In: 549.234+/-0.159 χ^2/NDF : 585570.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 544.242+/-0.147 χ^2/NDF : 625267.0/17

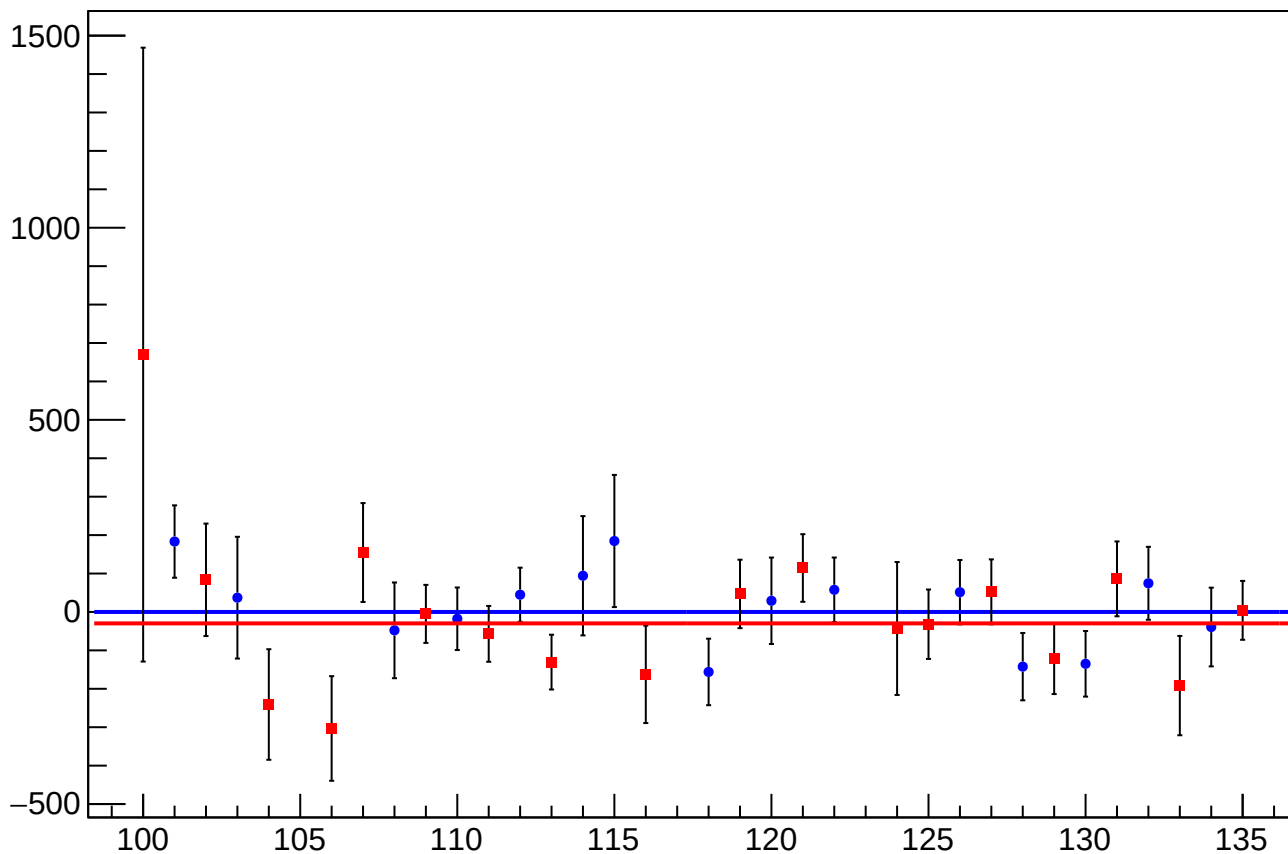
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.544+/-0.108 χ^2/NDF : 1211368.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_mean vs Slug



Right In: -0.015 ± 24.882 χ^2/NDF : 16.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -29.731 ± 23.308 χ^2/NDF : 21.5/17

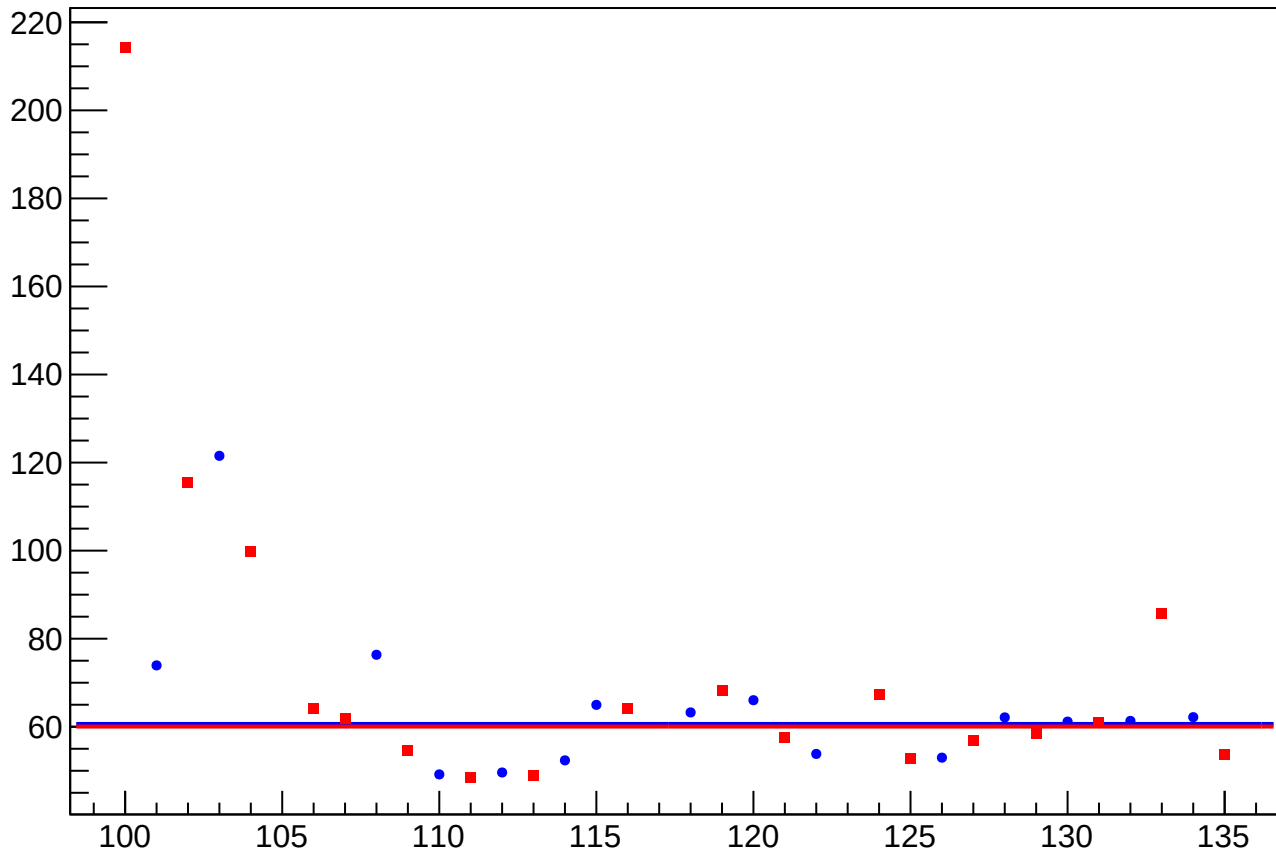
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.843 ± 17.011 χ^2/NDF : 38.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.636+/-0.018 χ^2/NDF : 500158.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 60.043+/-0.016 χ^2/NDF : 759730.5/17

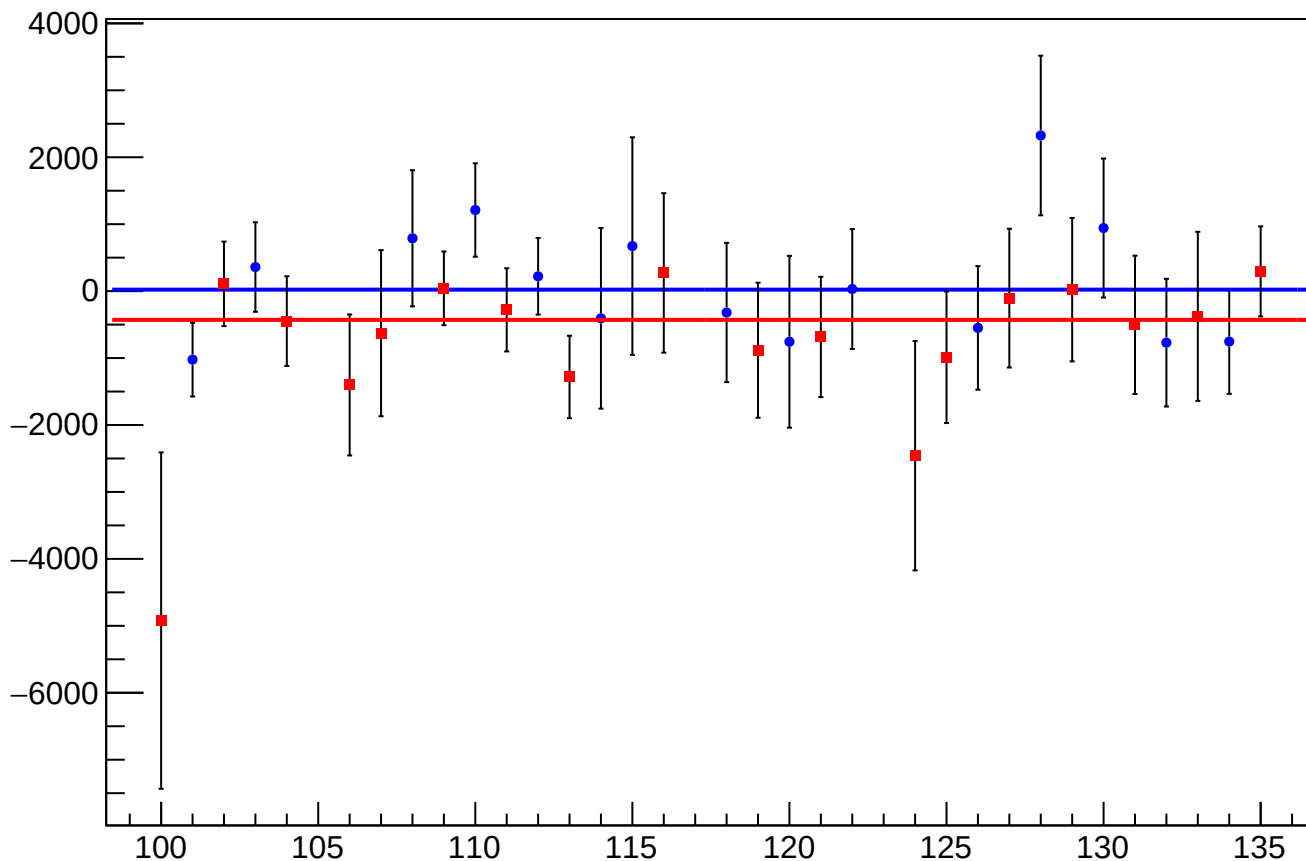
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 60.320+/-0.012 χ^2/NDF : 1260494.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_correction_mean vs Slug



Right In: 22.296 $\pm$ 219.045 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -428.892 $\pm$ 200.596 χ^2 /NDF: 11.3/17

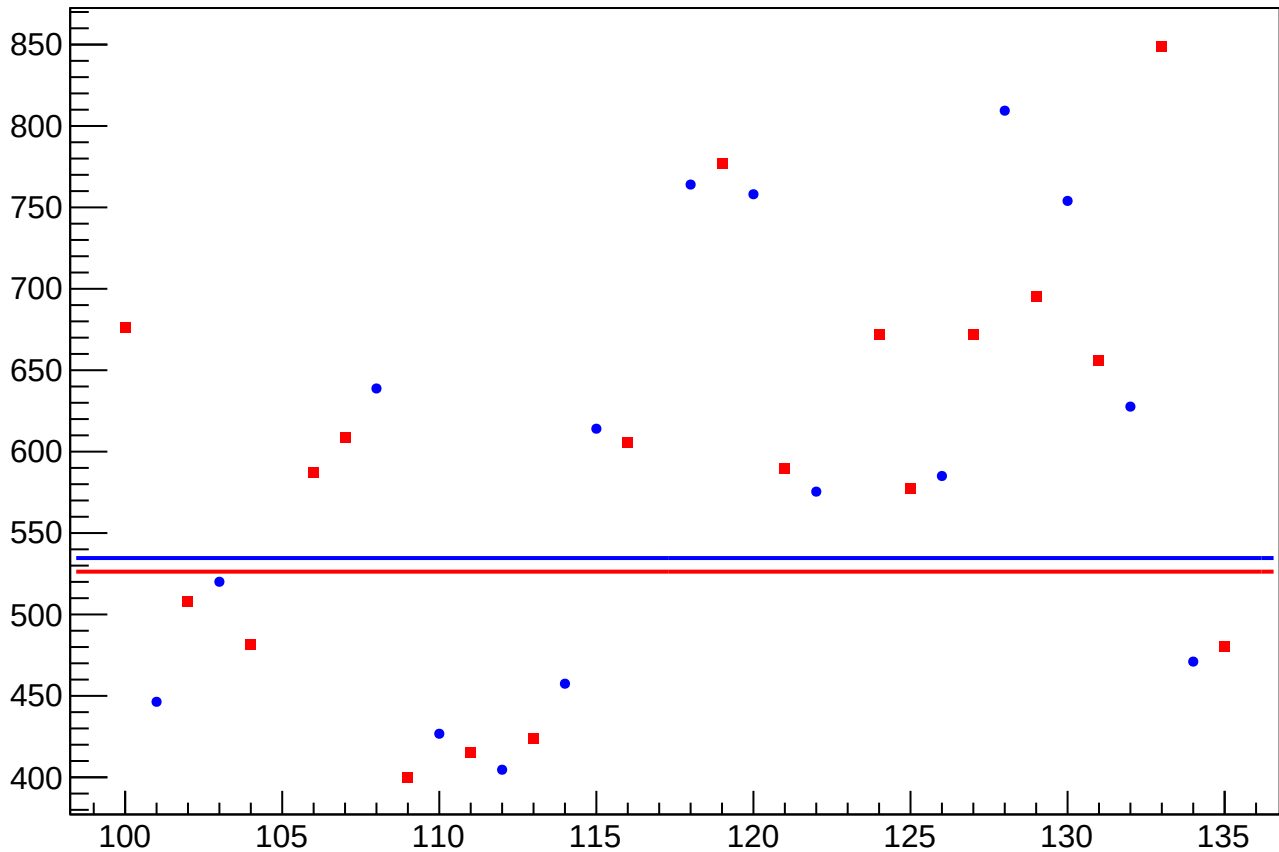
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -223.095 $\pm$ 147.936 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_dit_correction_rms vs Slug



Right In: 534.644+/-0.155 χ^2/NDF : 630976.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.289+/-0.142 χ^2/NDF : 680554.7/17

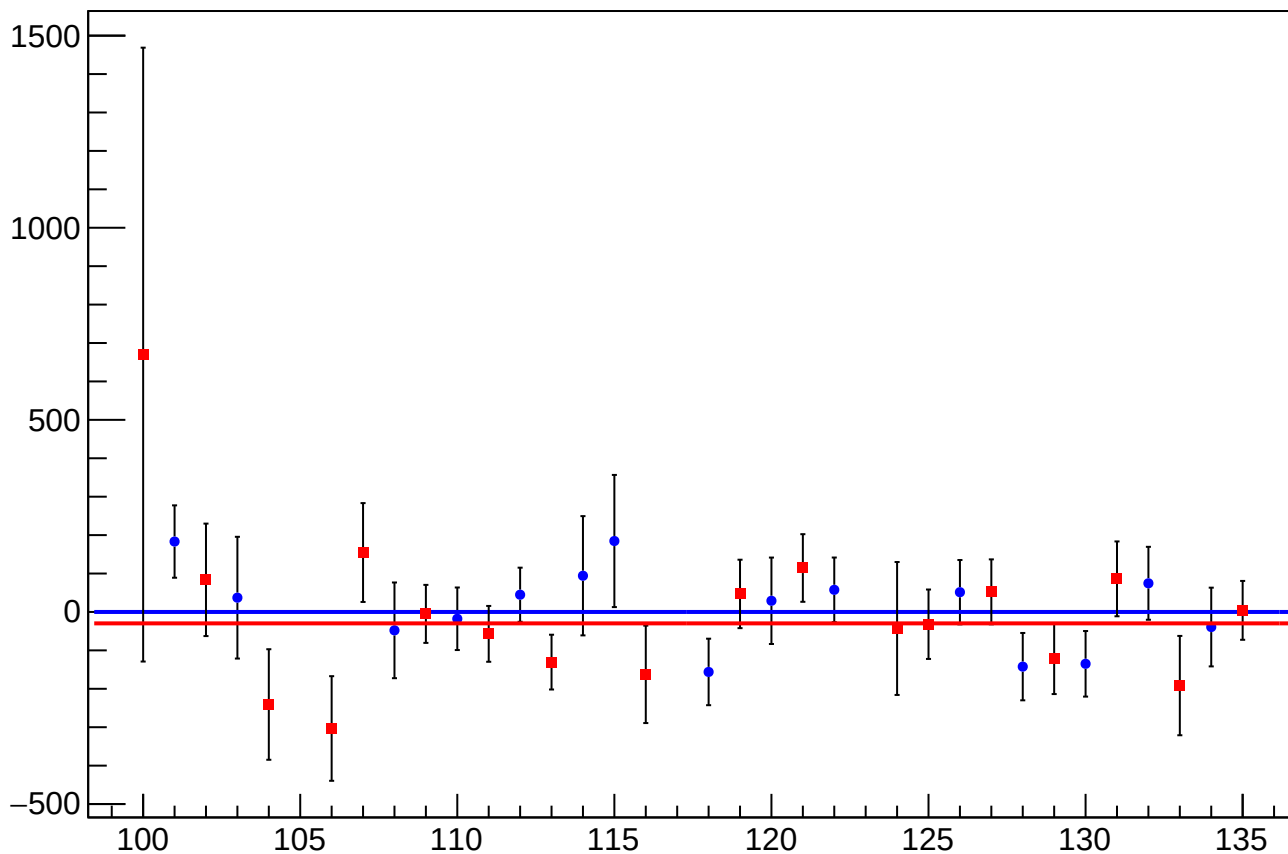
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.100+/-0.105 χ^2/NDF : 1313114.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_avg_mean vs Slug



Right In: -0.016 ± 24.882 $\chi^2/\text{NDF}: 16.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -29.729 ± 23.308 $\chi^2/\text{NDF}: 21.5/17$

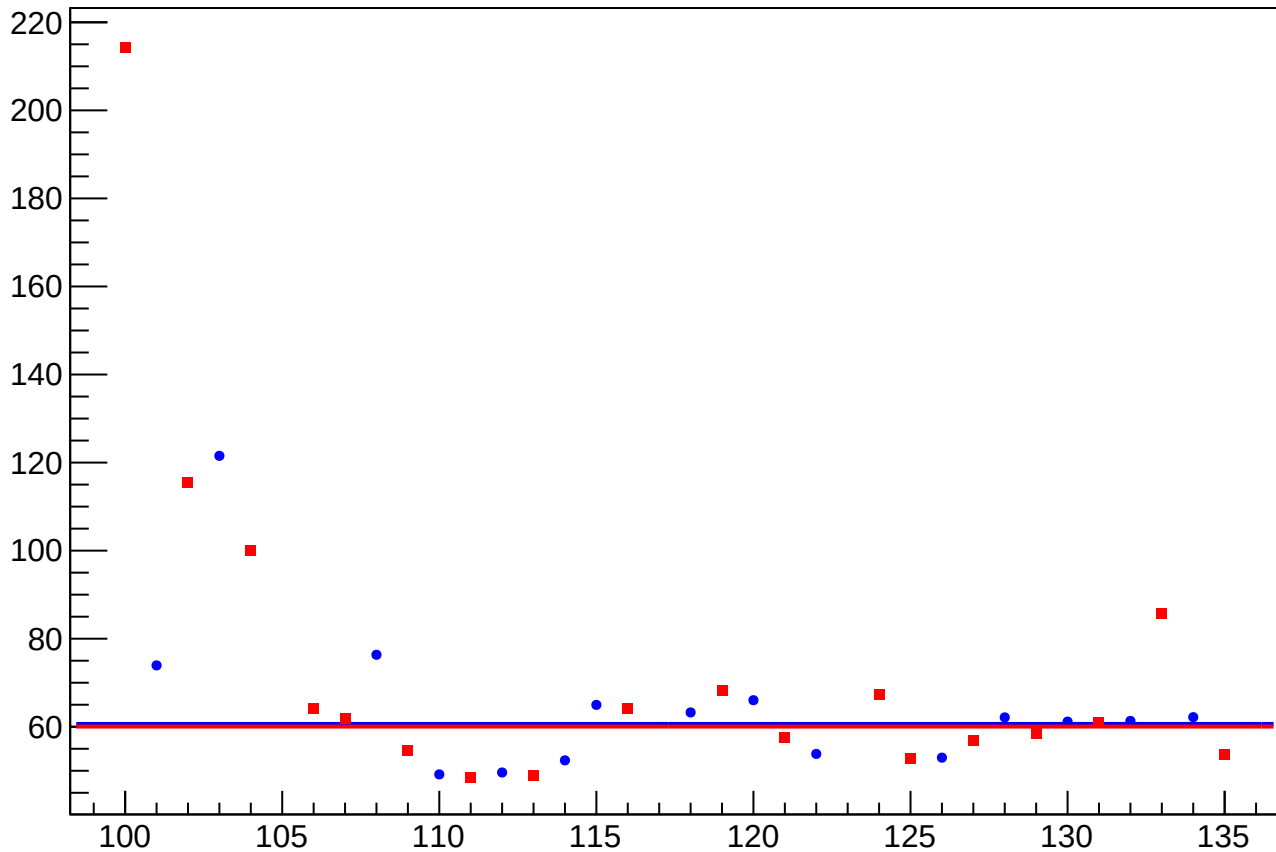
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -15.842 ± 17.011 $\chi^2/\text{NDF}: 38.3/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

eigen_dit_asym_sam_1357_avg_rms vs Slug



Right In: 60.636 $\pm$ 0.018 χ^2 /NDF: 500156.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 60.043 $\pm$ 0.016 χ^2 /NDF: 759730.7/17

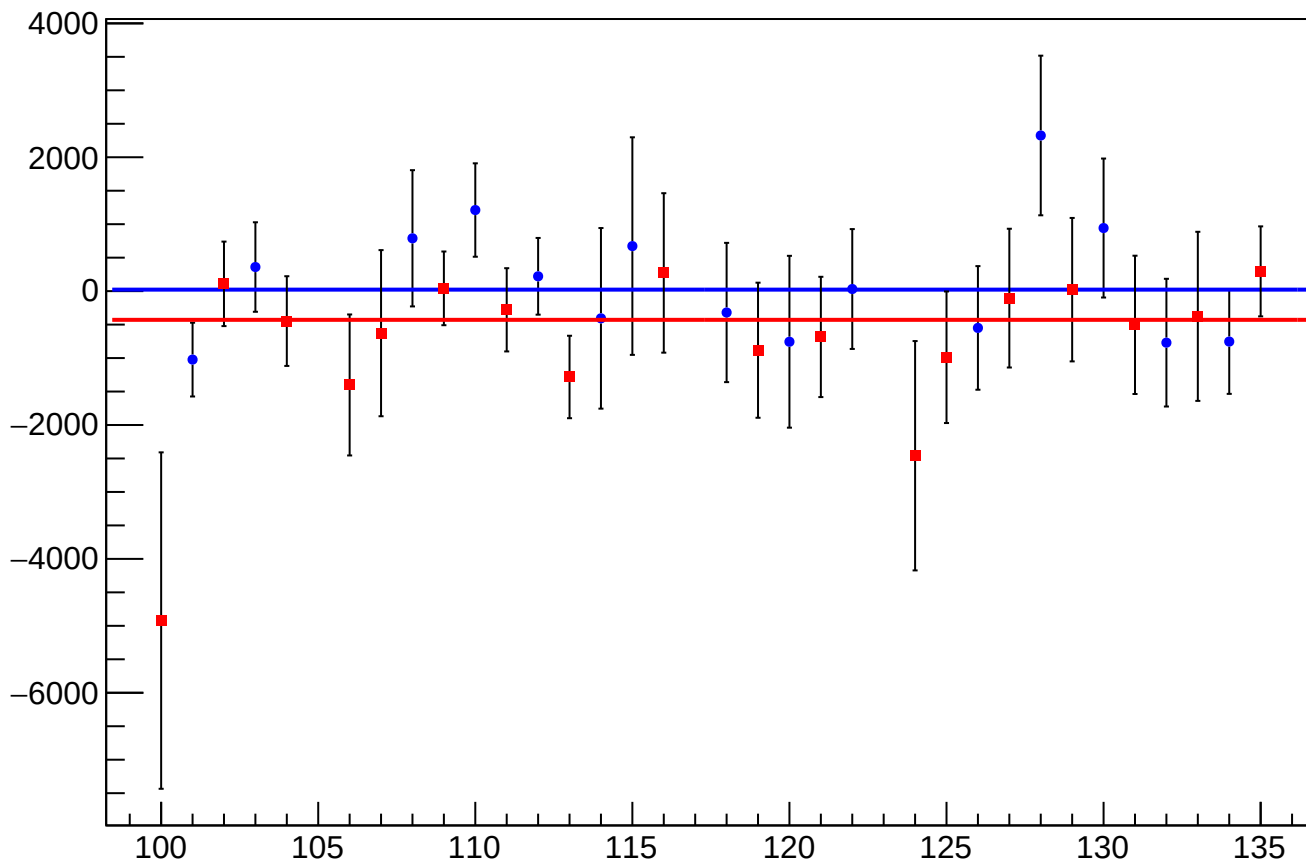
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.320 $\pm$ 0.012 χ^2 /NDF: 1260491.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_mean vs Slug



Right In: 22.296 $\pm$ 219.045 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -428.891 $\pm$ 200.596 χ^2 /NDF: 11.3/17

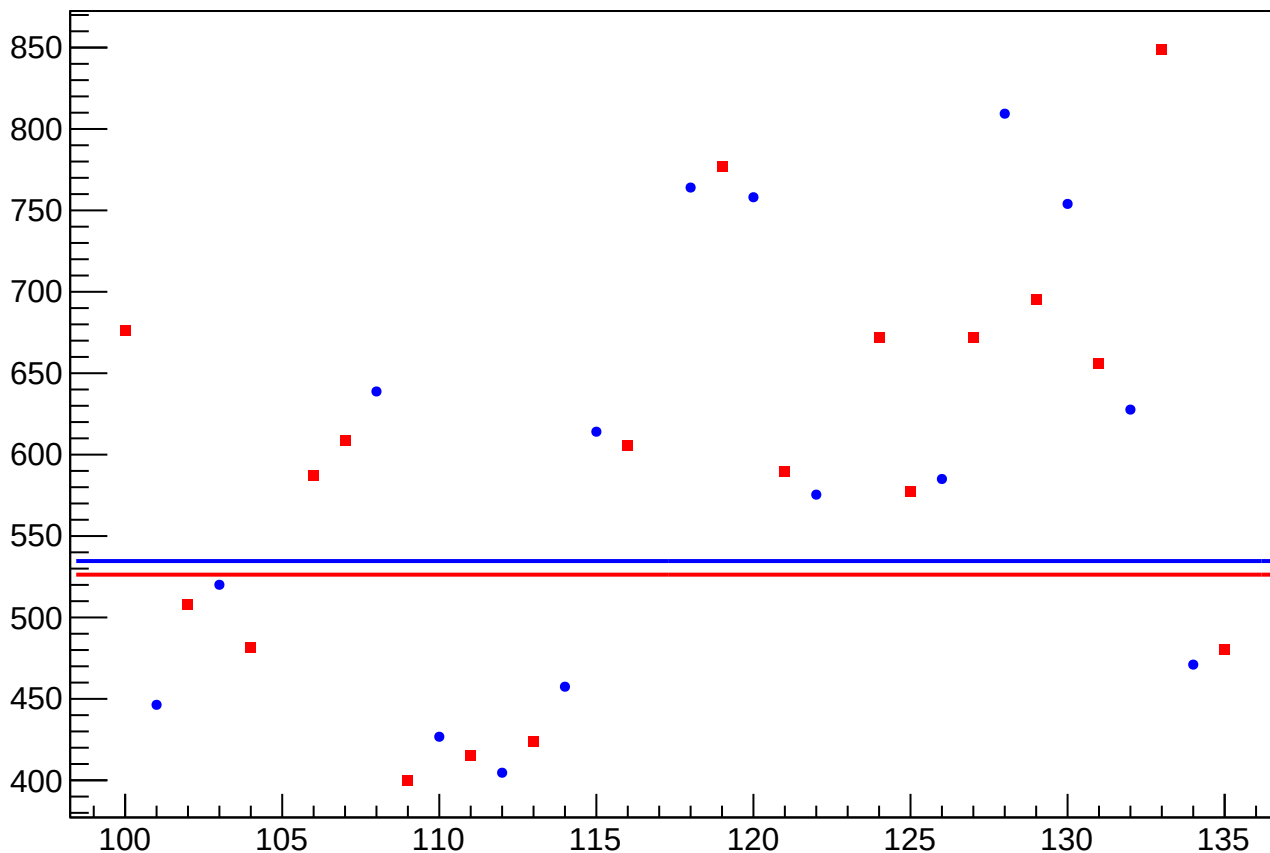
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -223.095 $\pm$ 147.936 χ^2 /NDF: 28.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_eigen_dit_correction_rms vs Slug



Right In: 534.643+/-0.155 χ^2/NDF : 630982.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.288+/-0.142 χ^2/NDF : 680557.3/17

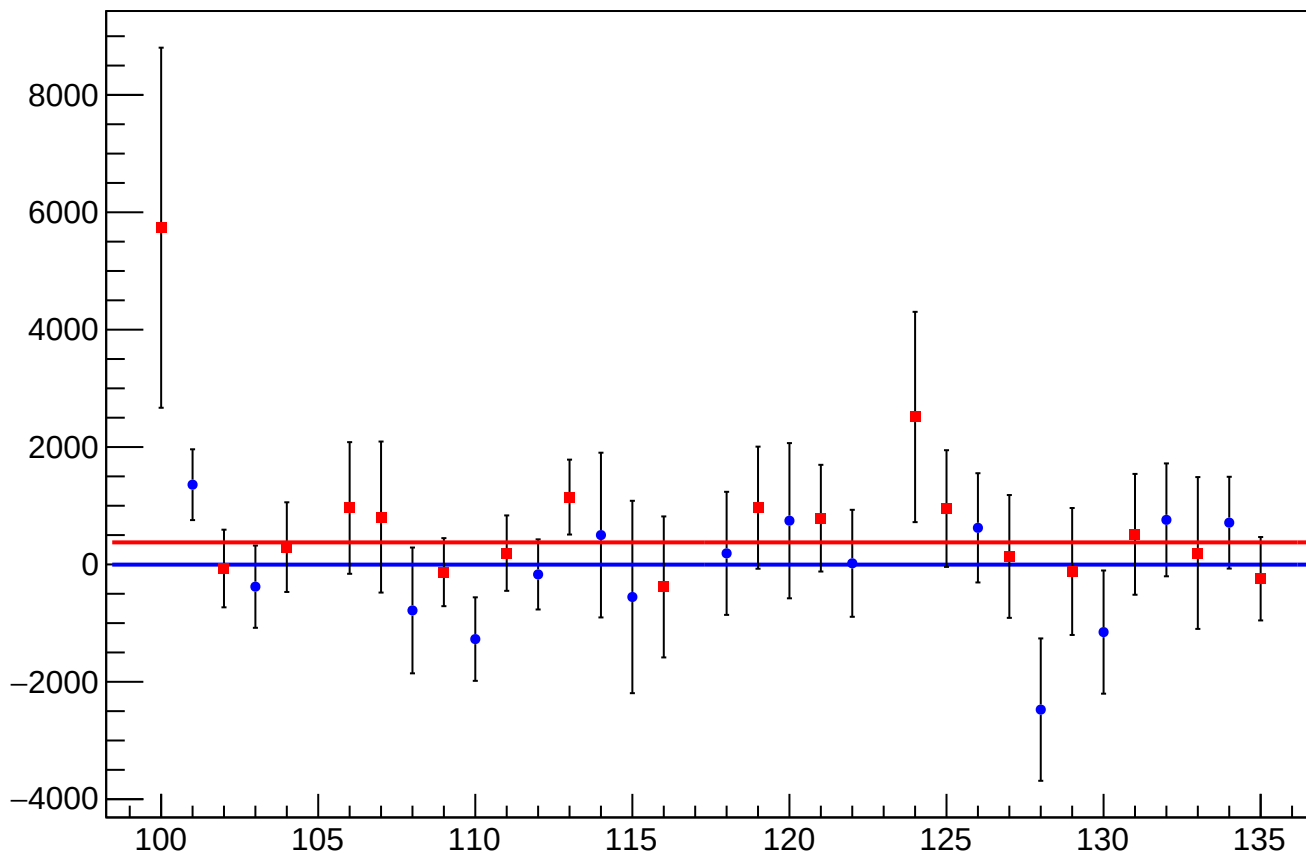
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 530.099+/-0.105 χ^2/NDF : 1313122.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_mean vs Slug



Right In: -3.309+/-226.711 χ^2 /NDF: 17.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 375.683+/-209.427 χ^2 /NDF: 10.0/17

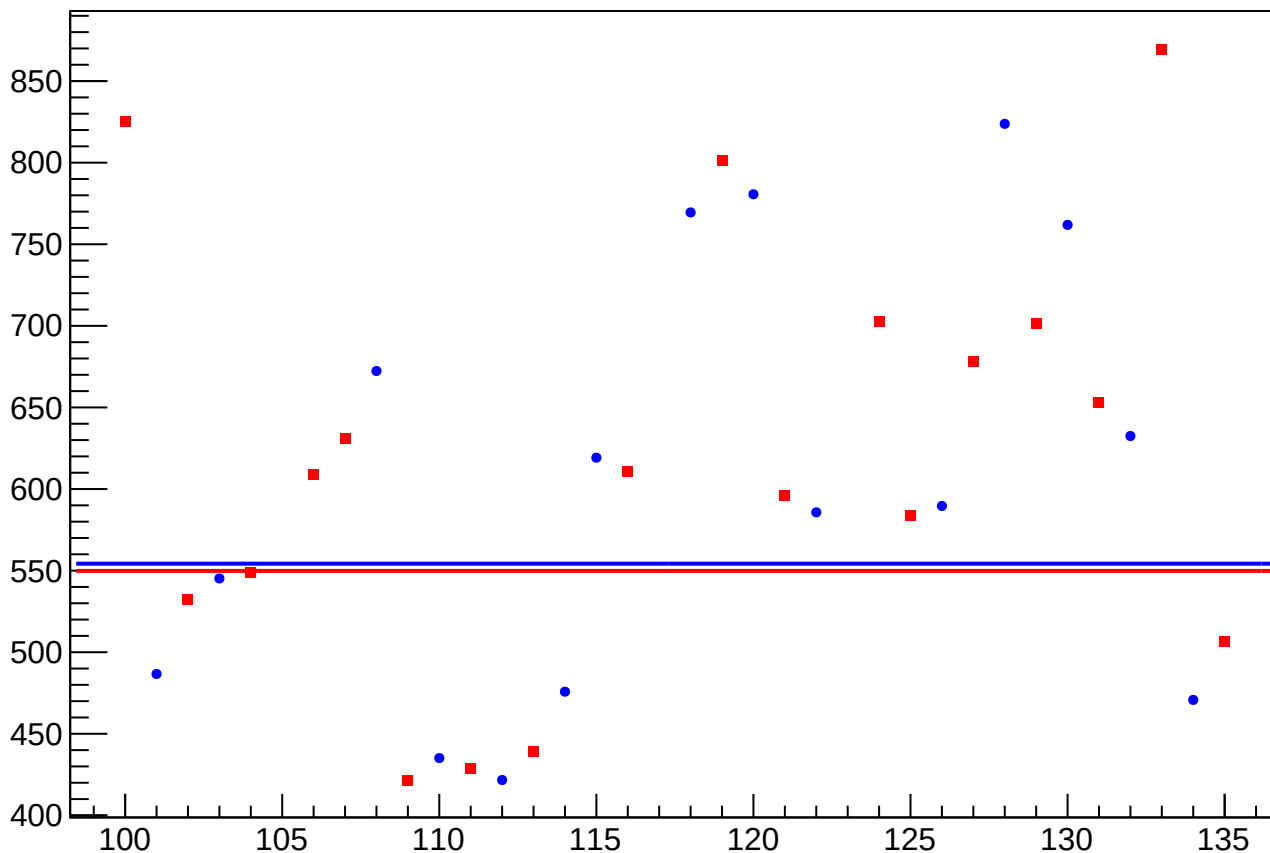
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 201.183+/-153.835 χ^2 /NDF: 28.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_rms vs Slug



Right In: 554.254+/-0.160 χ^2/NDF : 574884.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 549.826+/-0.148 χ^2/NDF : 623289.4/17

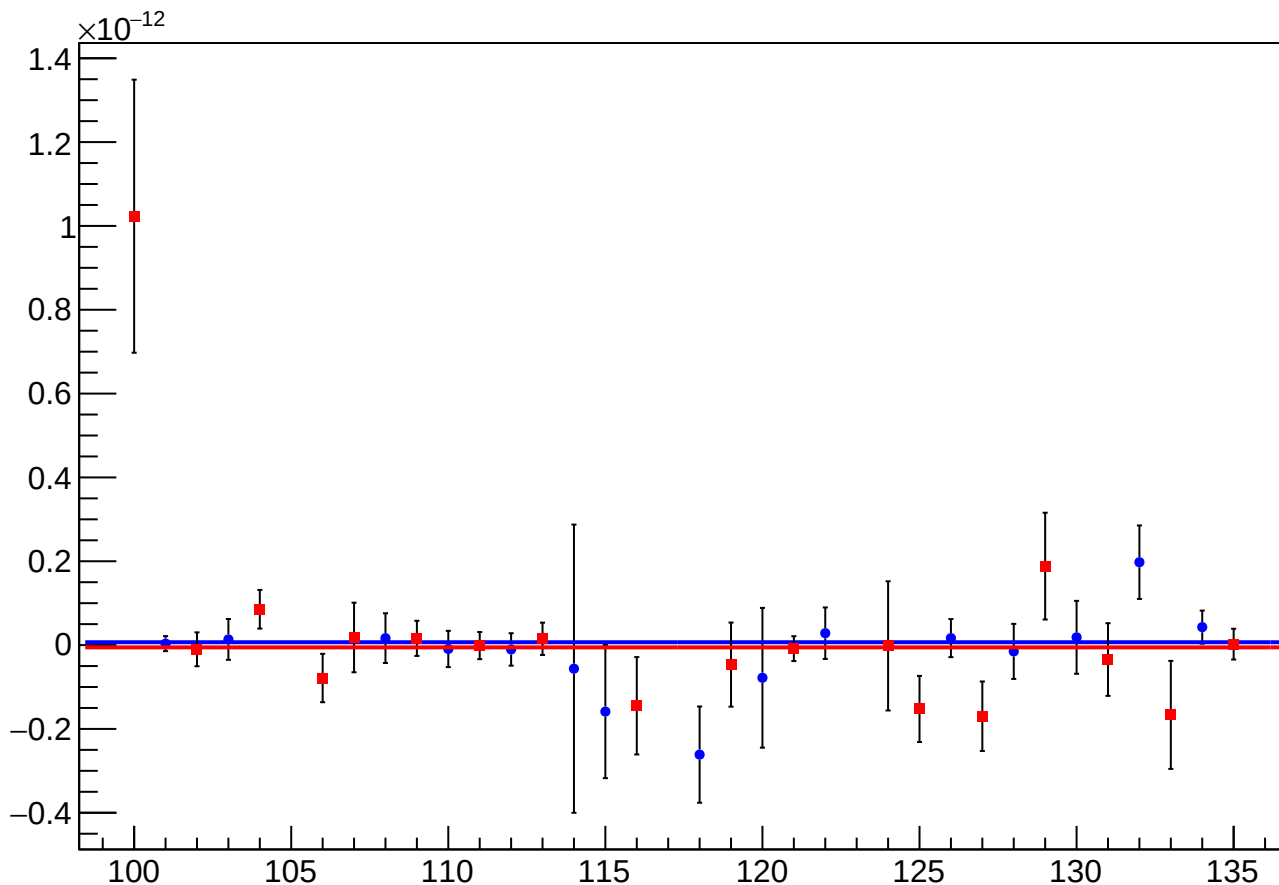
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 551.865+/-0.109 χ^2/NDF : 1198585.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.1/14

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

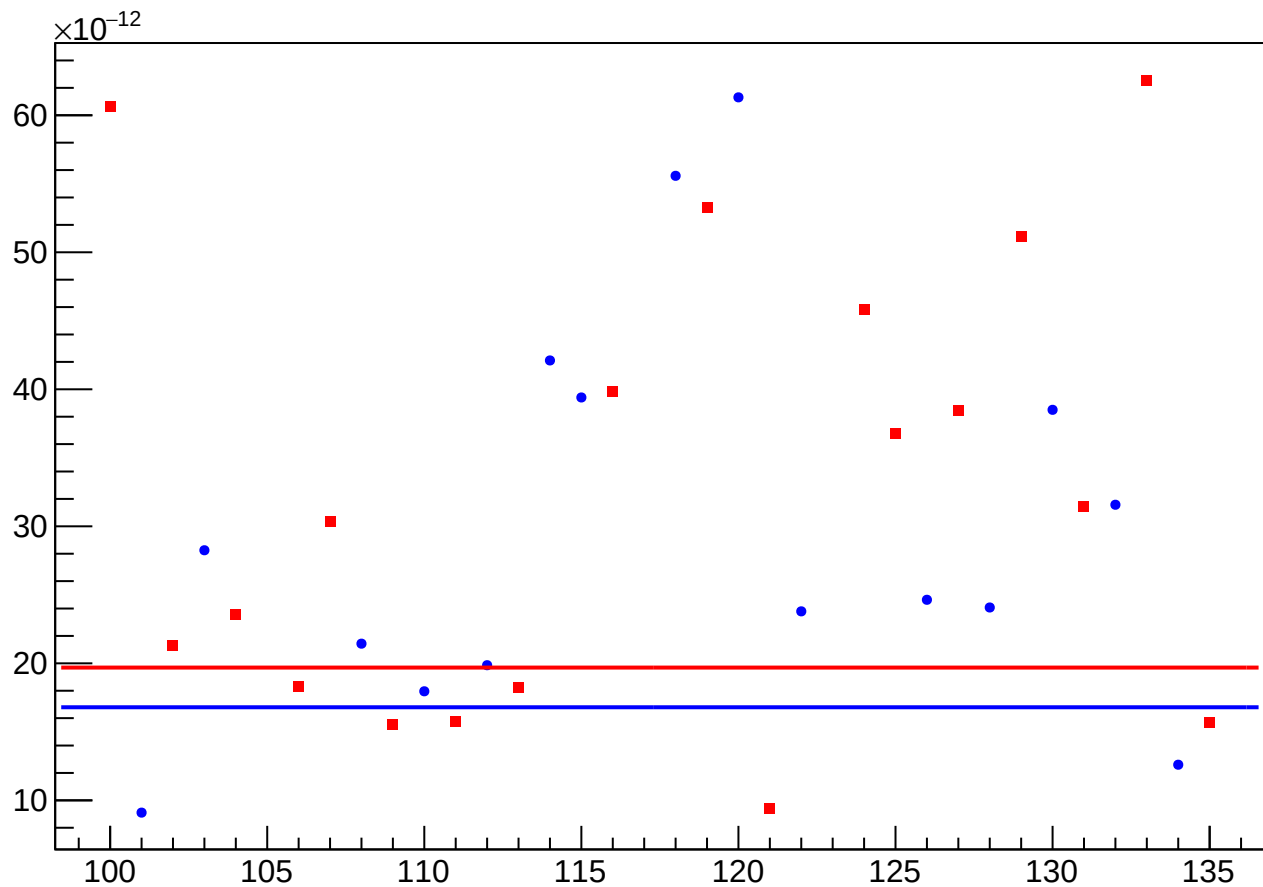
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 42.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1241480.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1316655.8/17

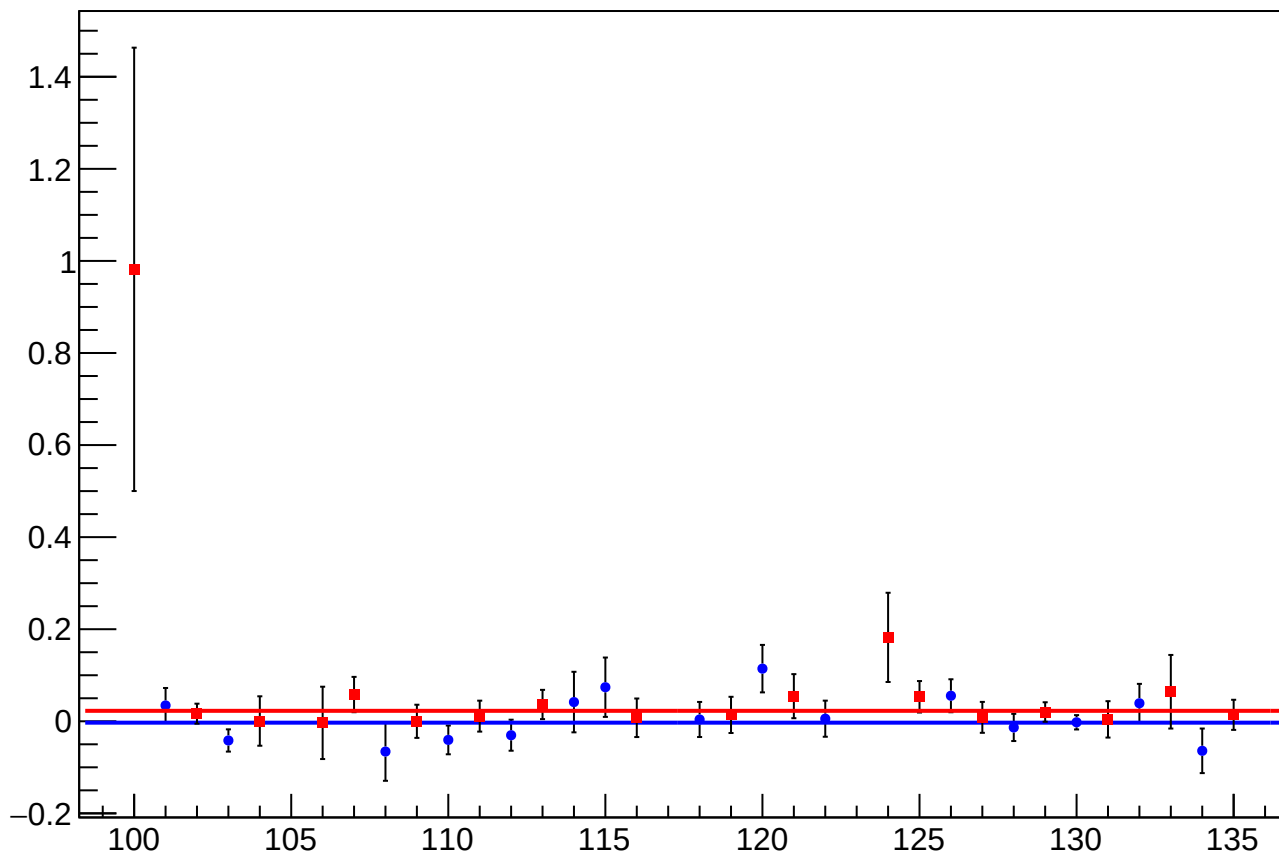
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2614442.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.8/17

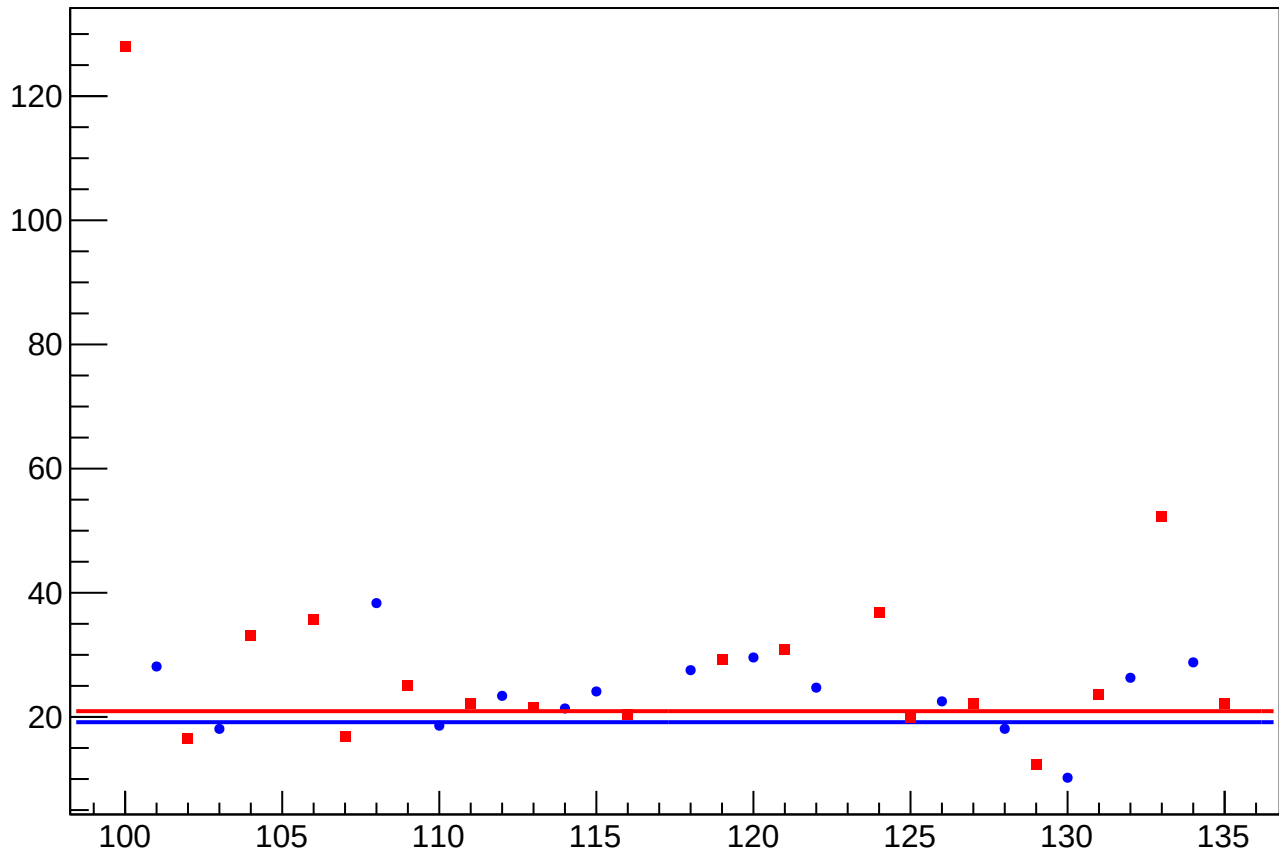
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_cor_diff_rms vs Slug



Right In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.930+/-0.006 χ^2/NDF : 1284574.9/17

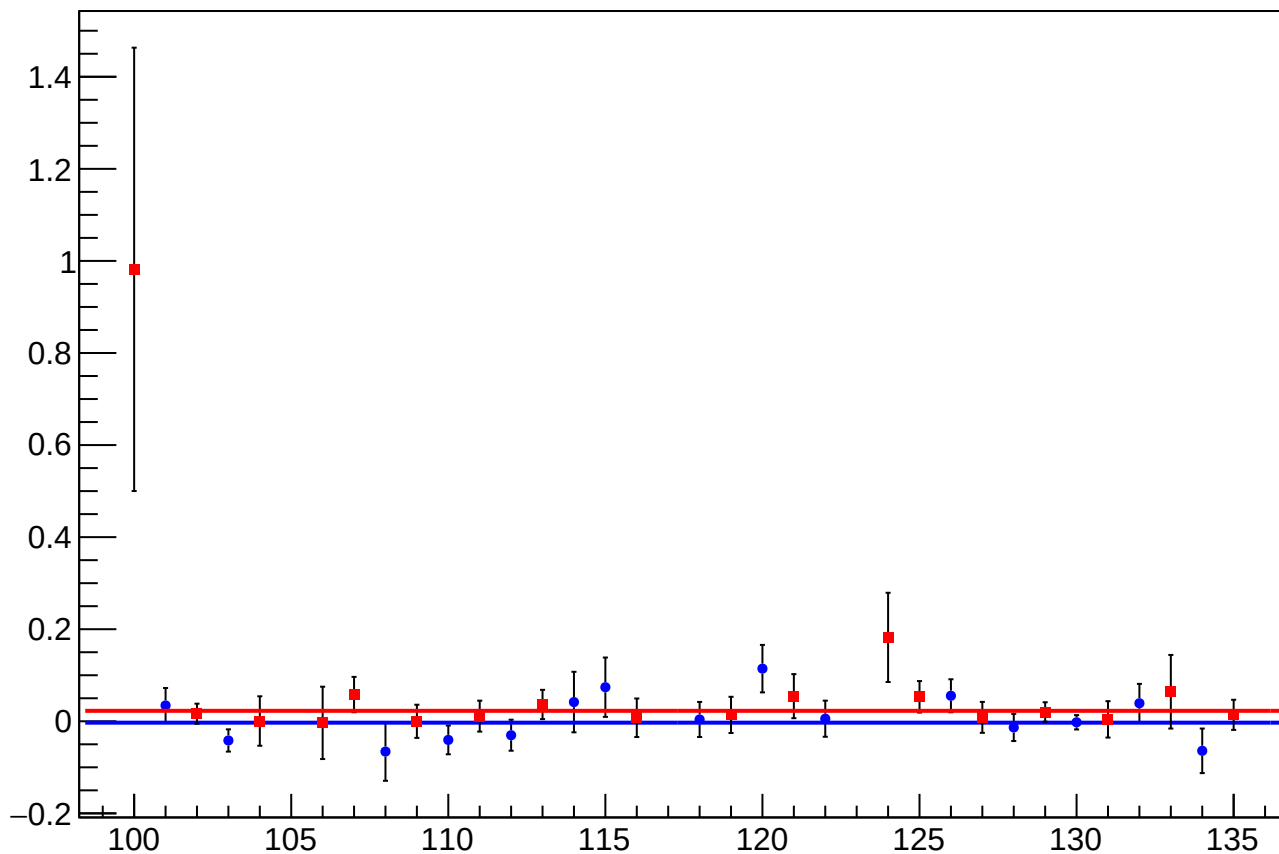
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.031+/-0.004 χ^2/NDF : 2707522.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.8/17

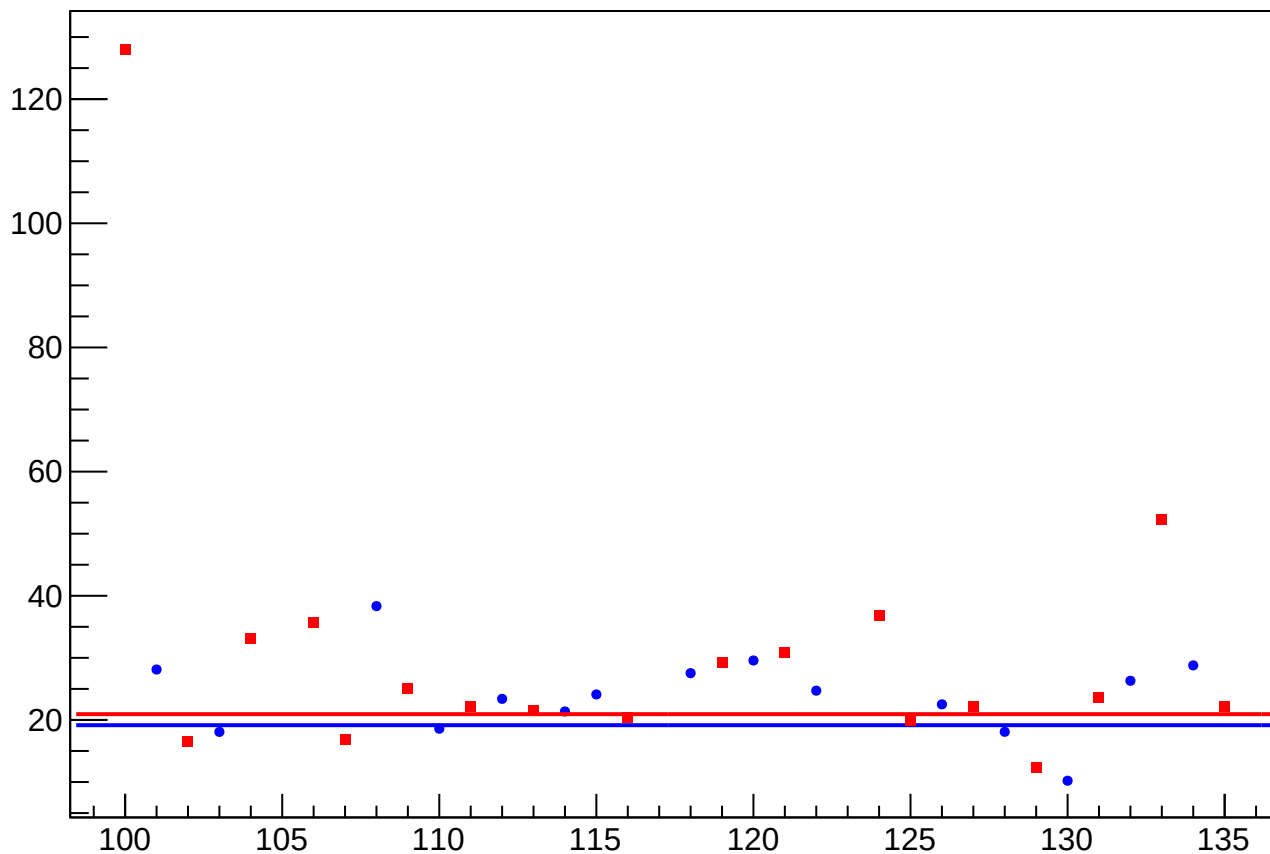
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.155+/-0.006 χ^2/NDF : 1380106.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.930+/-0.006 χ^2/NDF : 1284574.9/17

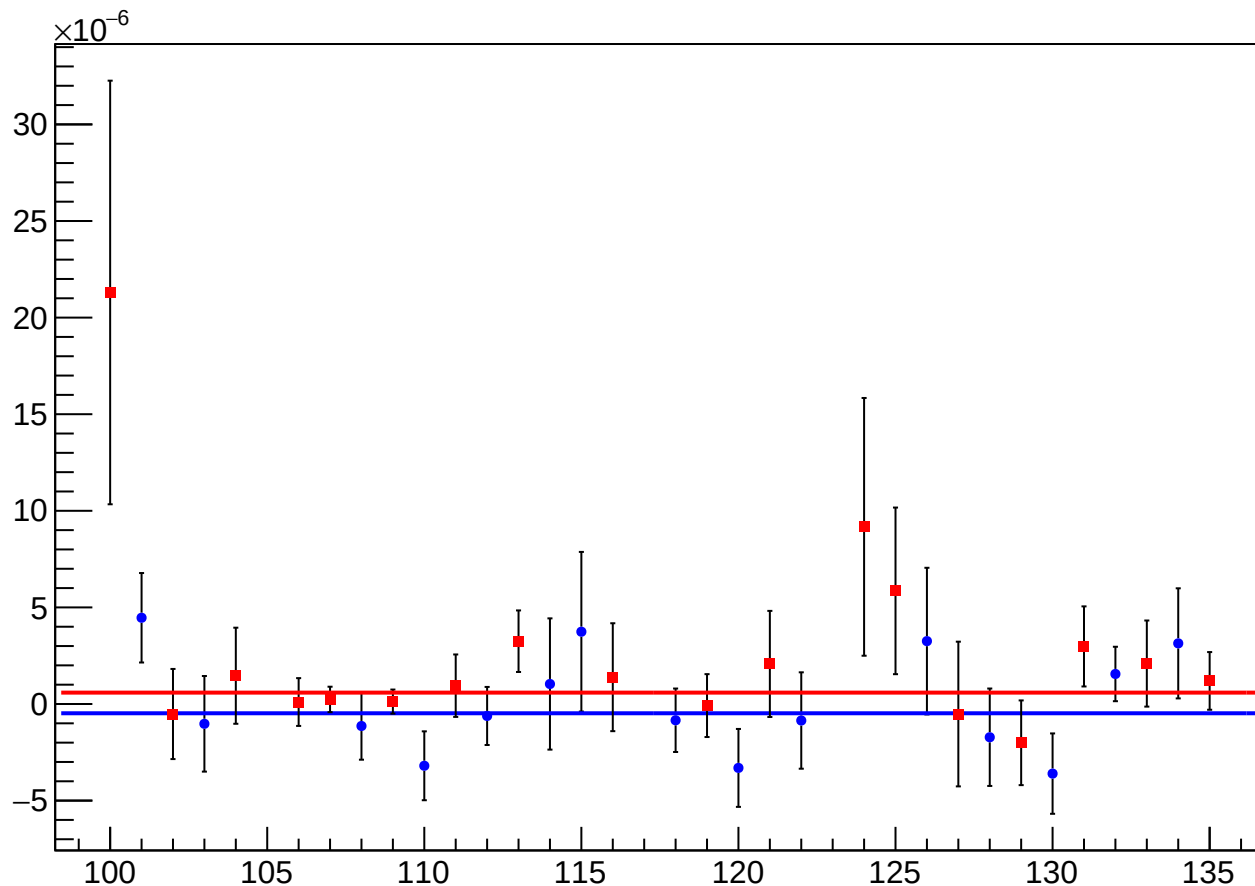
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.031+/-0.004 χ^2/NDF : 2707522.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 17.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 14.9/17

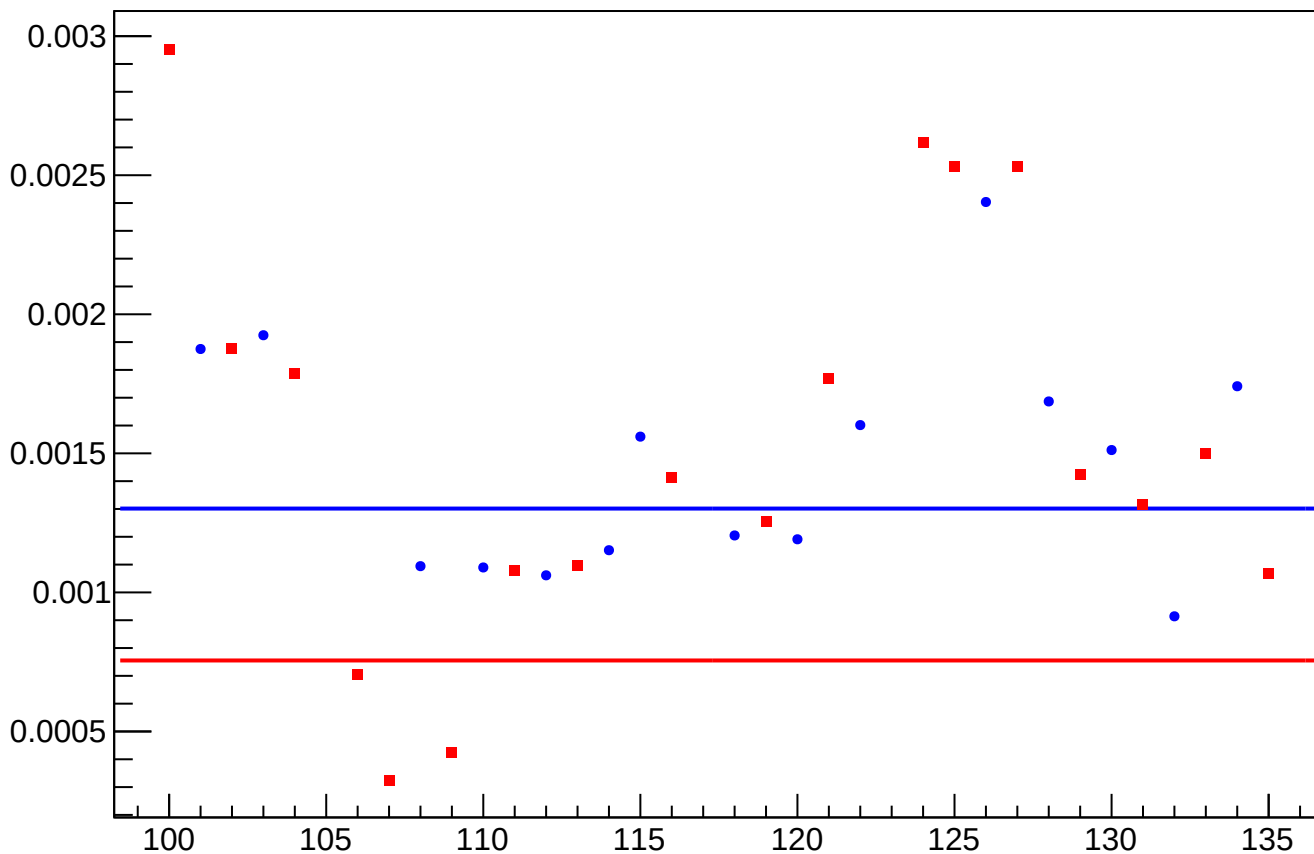
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 35.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.001+/-0.000 χ^2/NDF : 845401.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 4643329.7/17

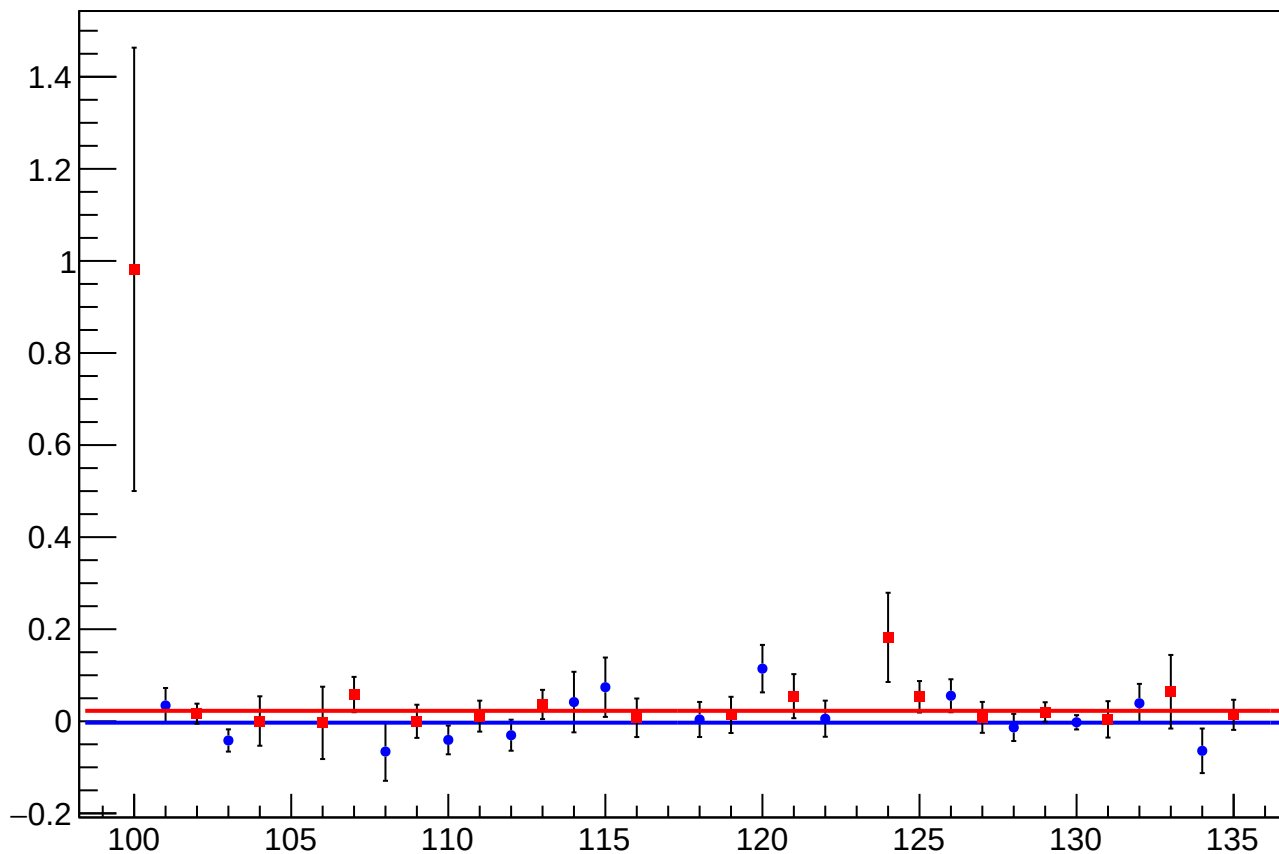
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 6953217.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 19.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.023+/-0.009 χ^2/NDF : 10.8/17

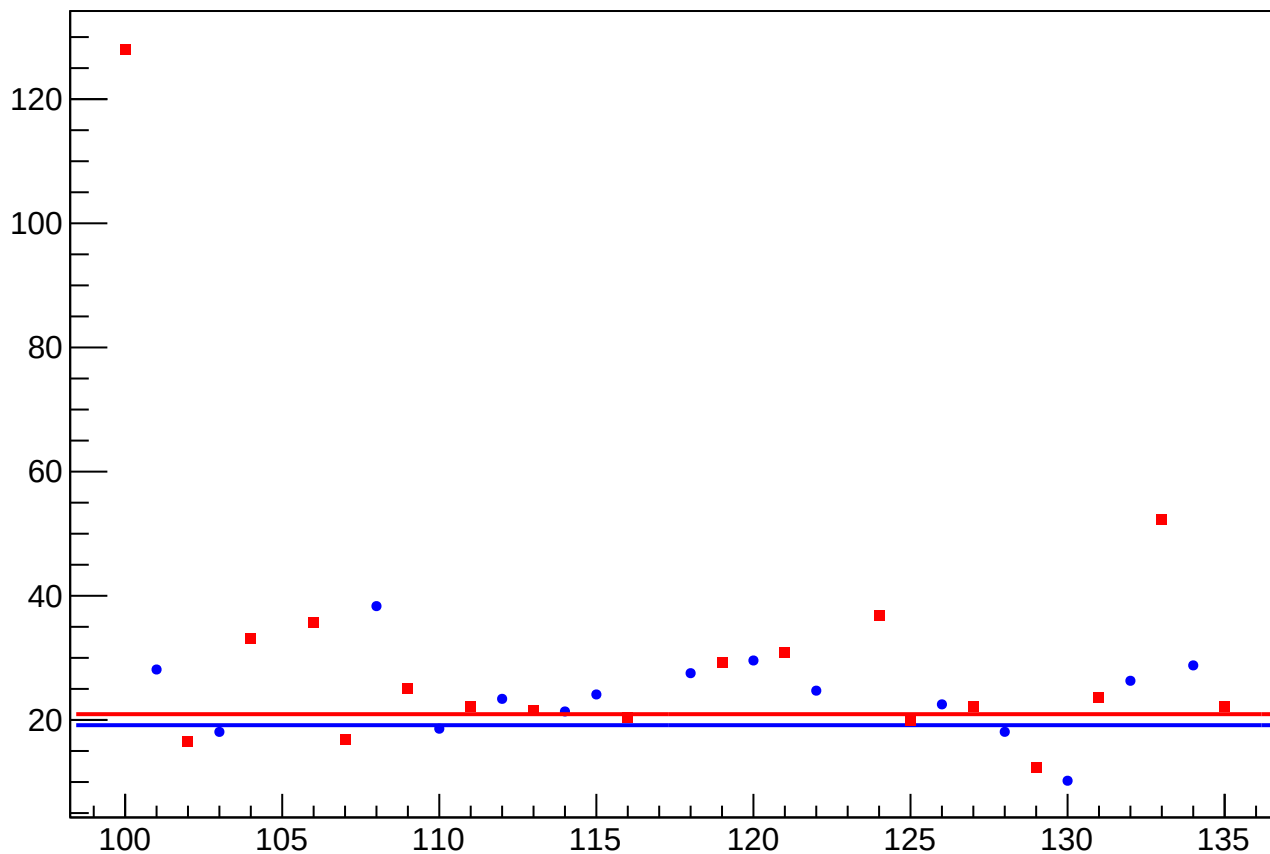
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.010+/-0.006 χ^2/NDF : 34.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 19.156+/-0.006 χ^2/NDF : 1379991.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.930+/-0.006 χ^2/NDF : 1284571.6/17

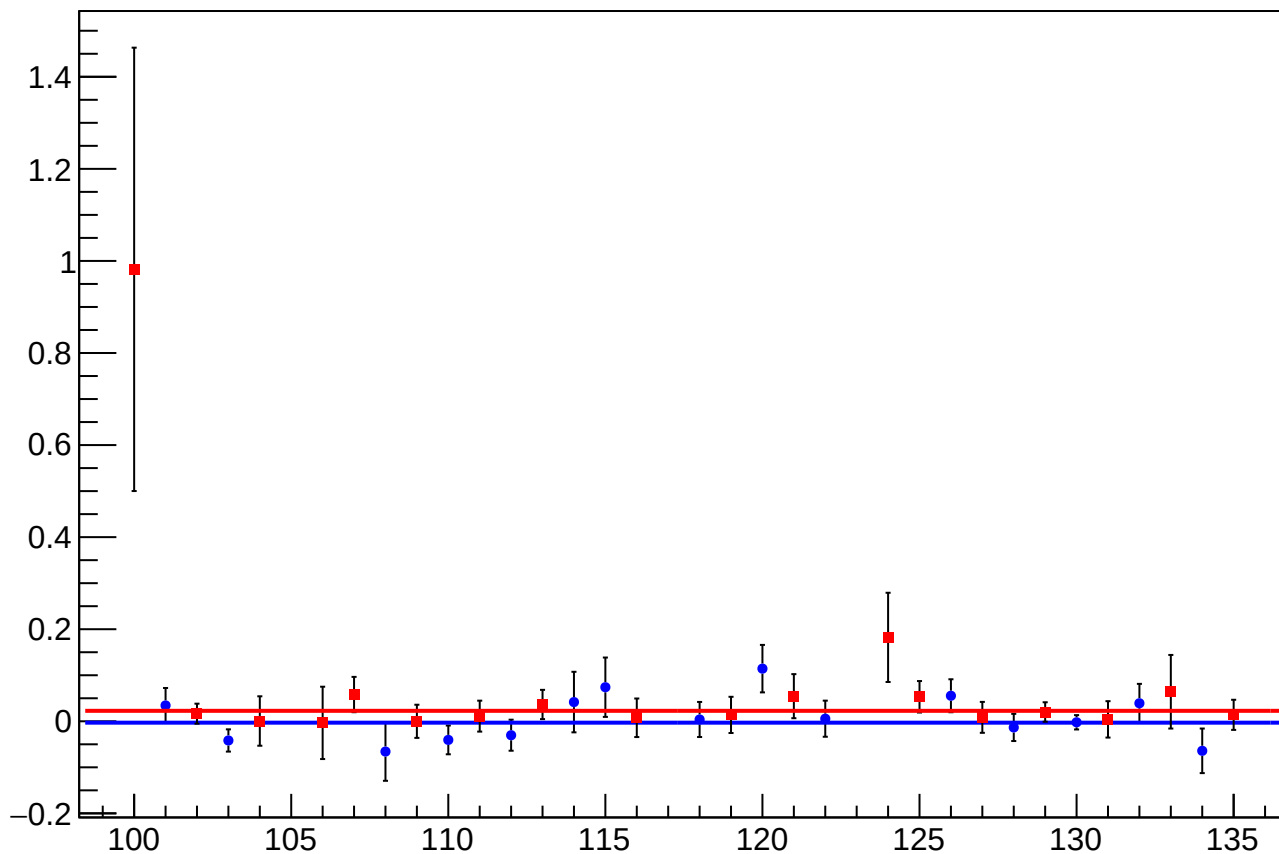
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.031+/-0.004 χ^2/NDF : 2707393.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003 ± 0.009 χ^2/NDF : 19.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.023 ± 0.009 χ^2/NDF : 10.8/17

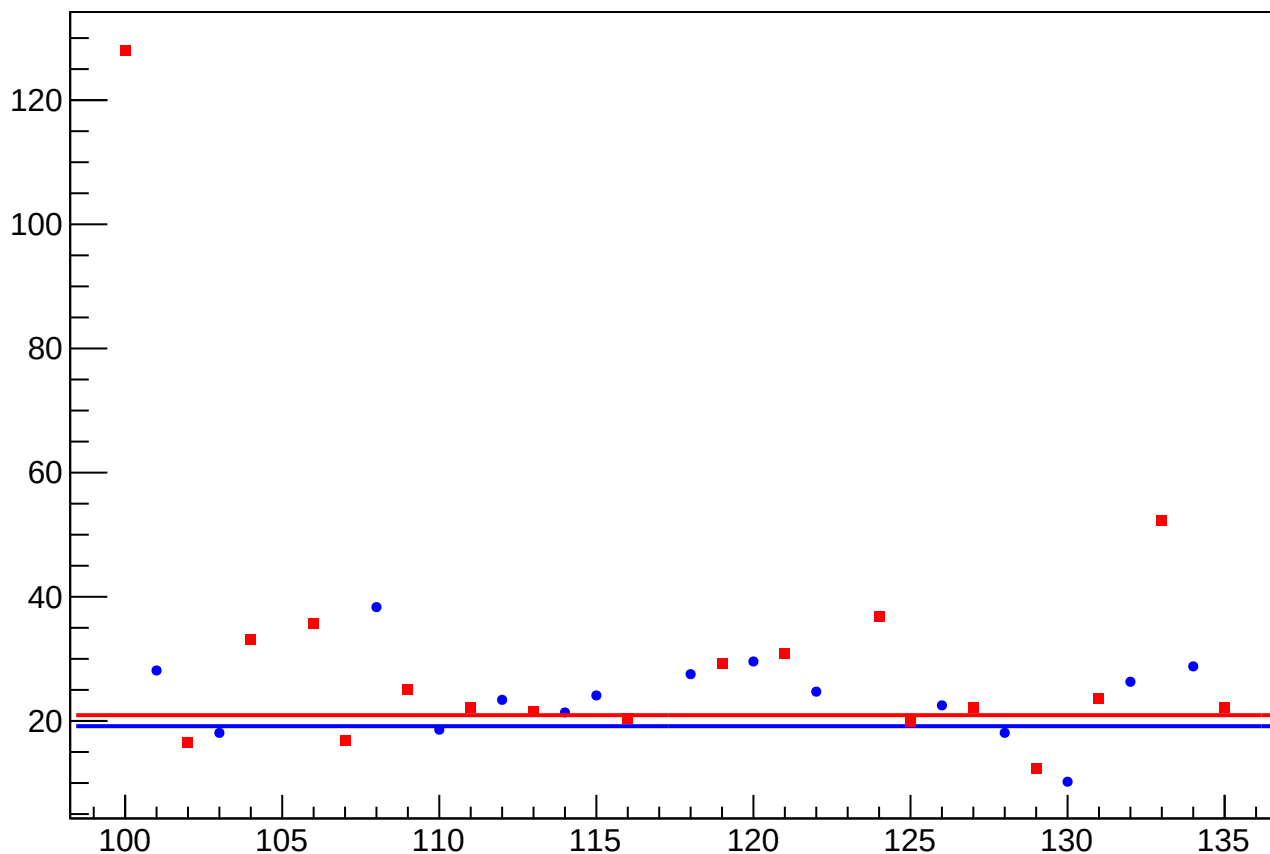
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.010 ± 0.006 χ^2/NDF : 34.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 19.156+/-0.006 χ^2/NDF : 1379991.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.930+/-0.006 χ^2/NDF : 1284571.6/17

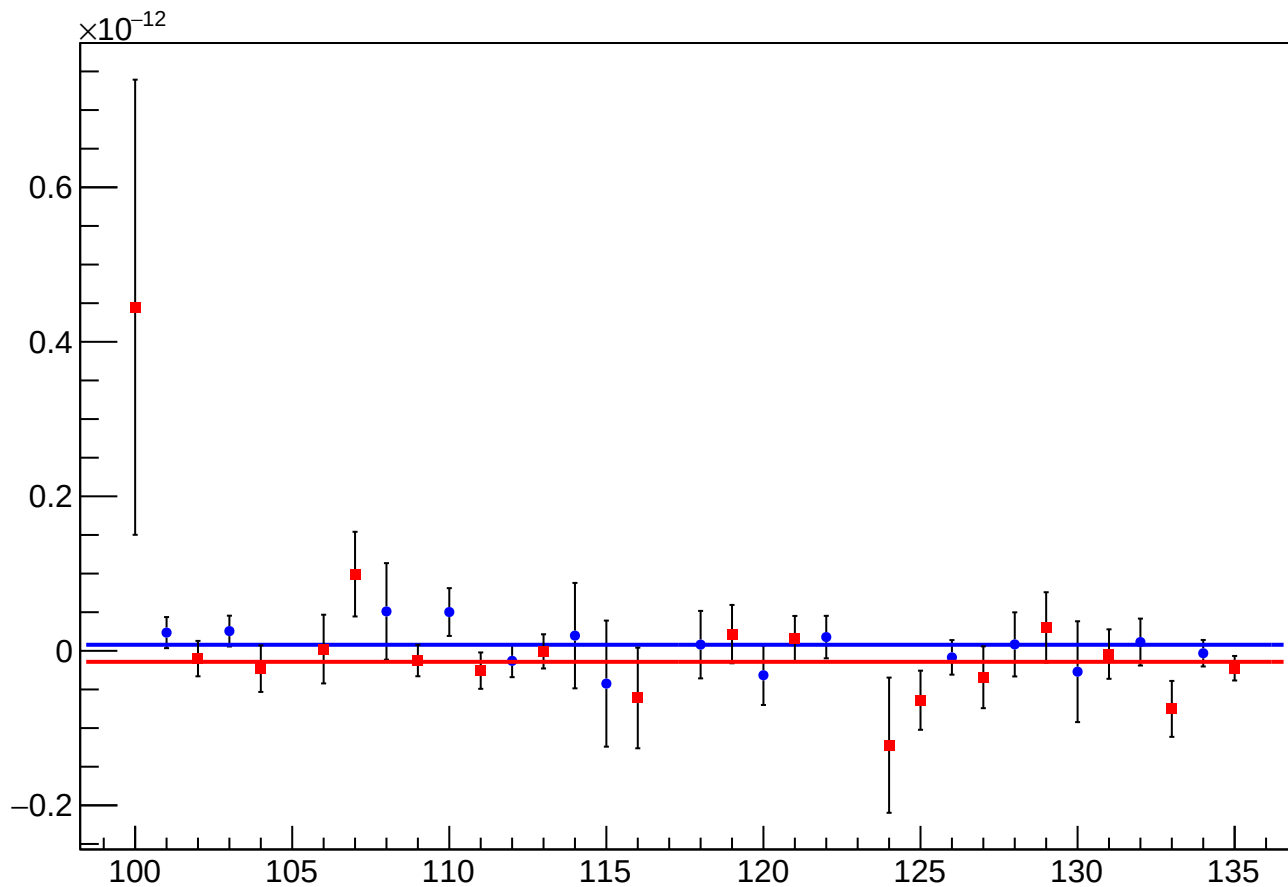
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

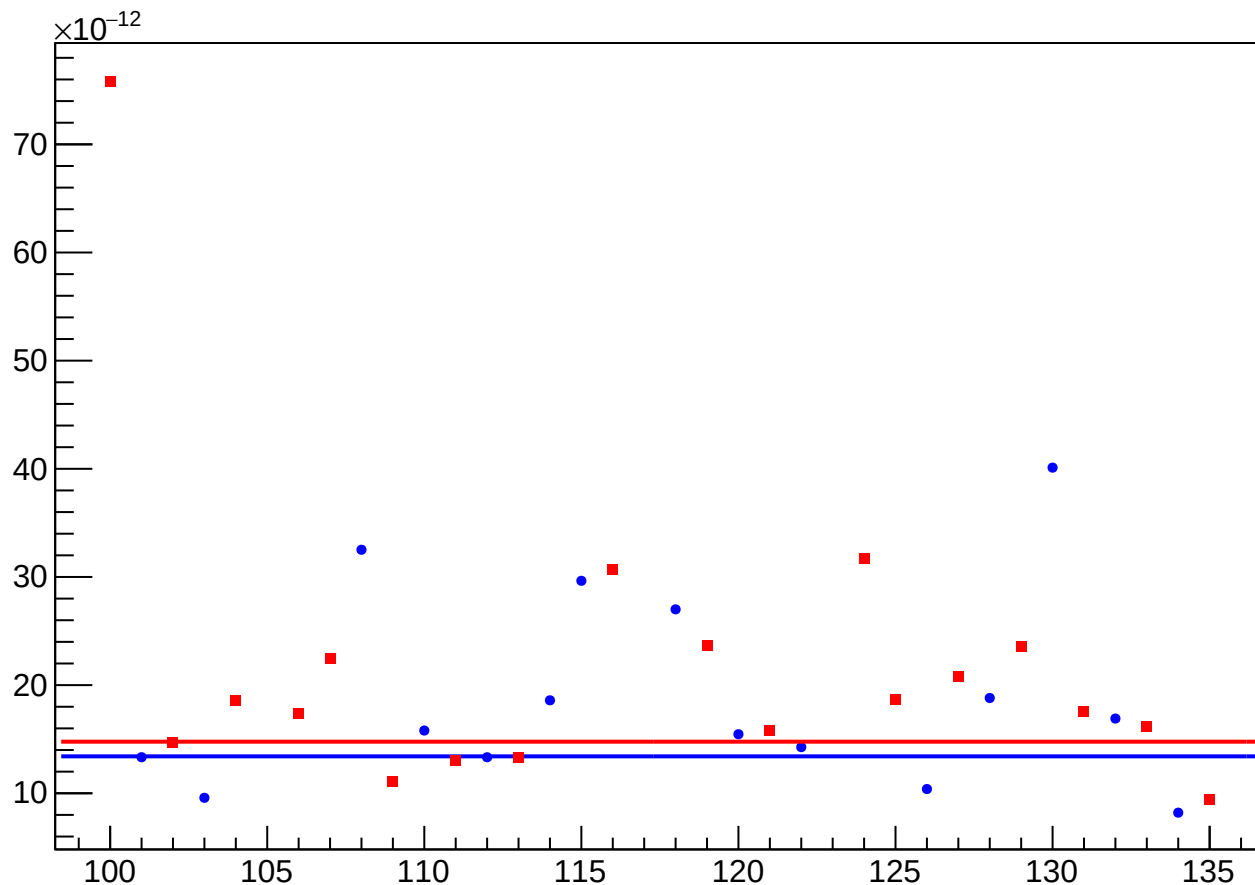
All: 20.031+/-0.004 χ^2/NDF : 2707393.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_avg_eigen_cor_vs_cor_diff_mean vs Slug



asym_sam_1357_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1180304.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 948328.3/17

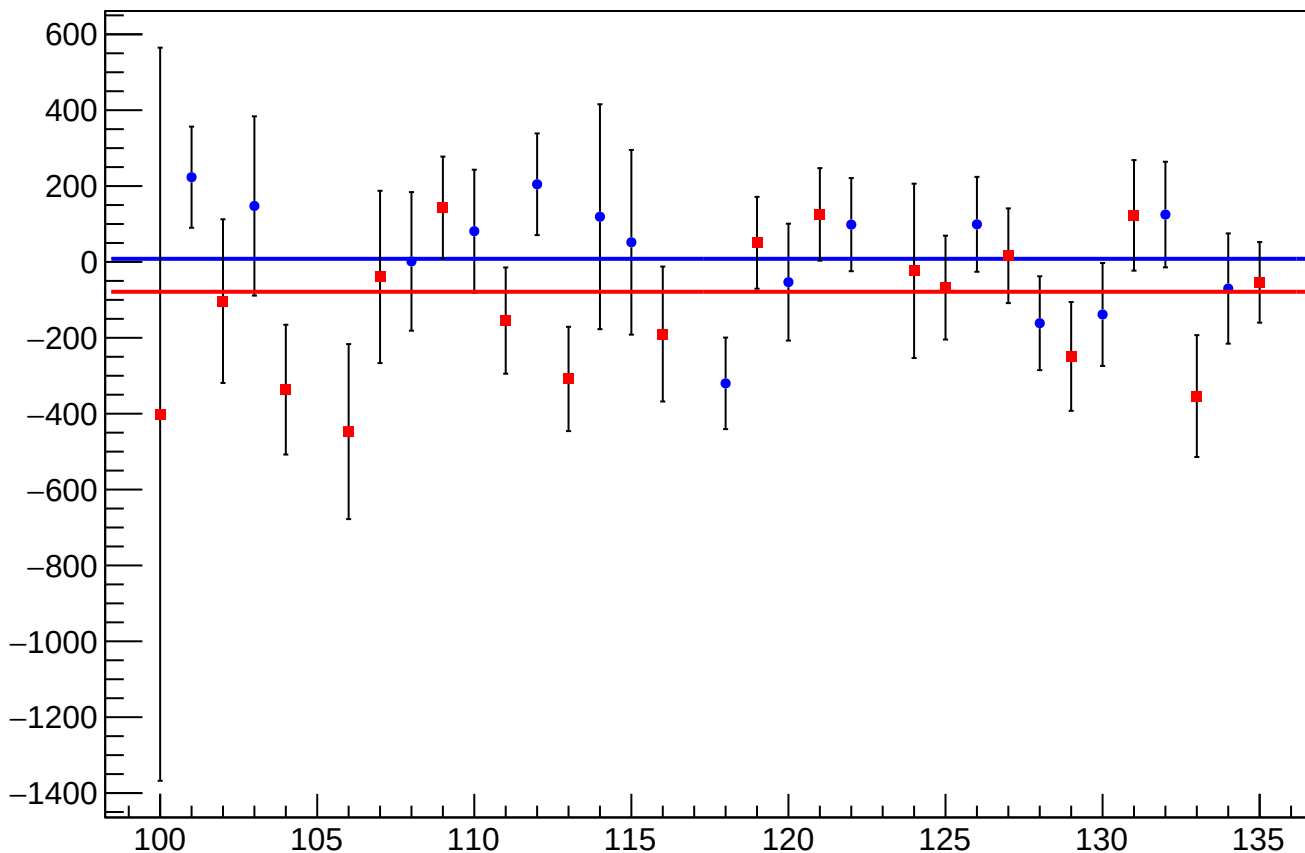
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2164029.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_mean vs Slug



Right In: 8.236+/-38.183 χ^2 /NDF: 18.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -78.634+/-35.775 χ^2 /NDF: 22.1/17

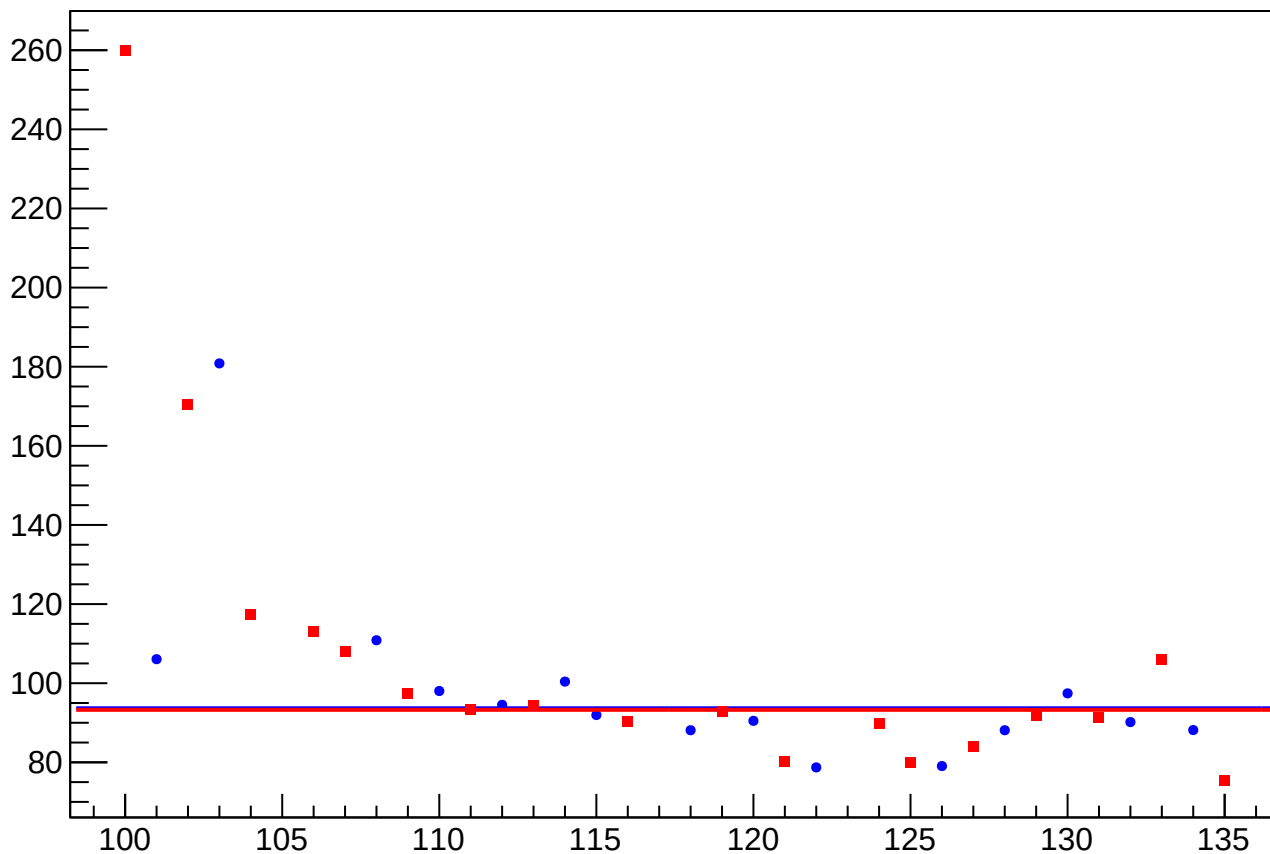
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -38.025+/-26.106 χ^2 /NDF: 43.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_rms vs Slug



Right In: 93.662 $\pm$ 0.027 χ^2 /NDF: 381724.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 93.272 $\pm$ 0.025 χ^2 /NDF: 502908.9/17

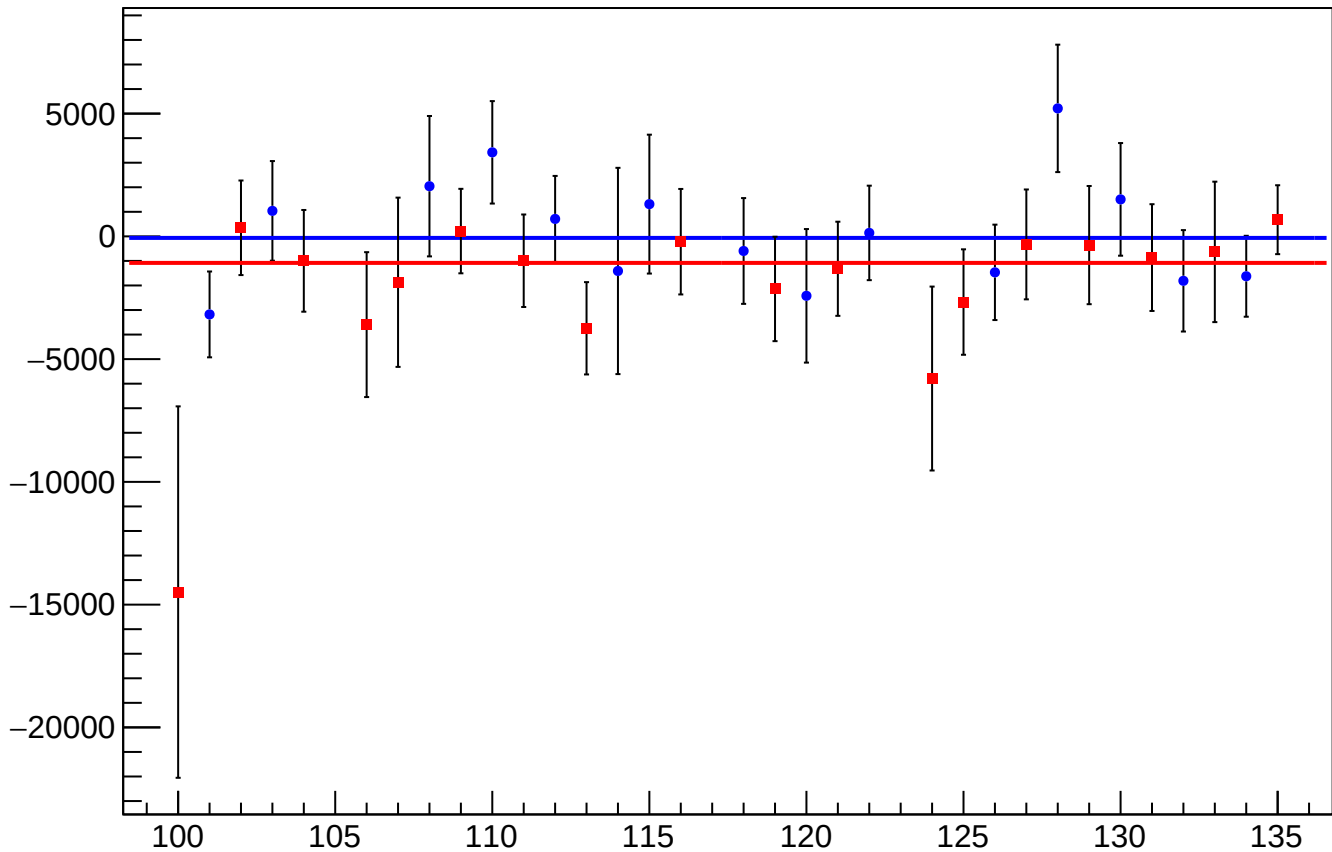
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.454 $\pm$ 0.018 χ^2 /NDF: 884744.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_correction_mean vs Slug



Right In: -62.732 ± 554.163 χ^2/NDF : 14.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1080.709 ± 510.743 χ^2/NDF : 11.4/17

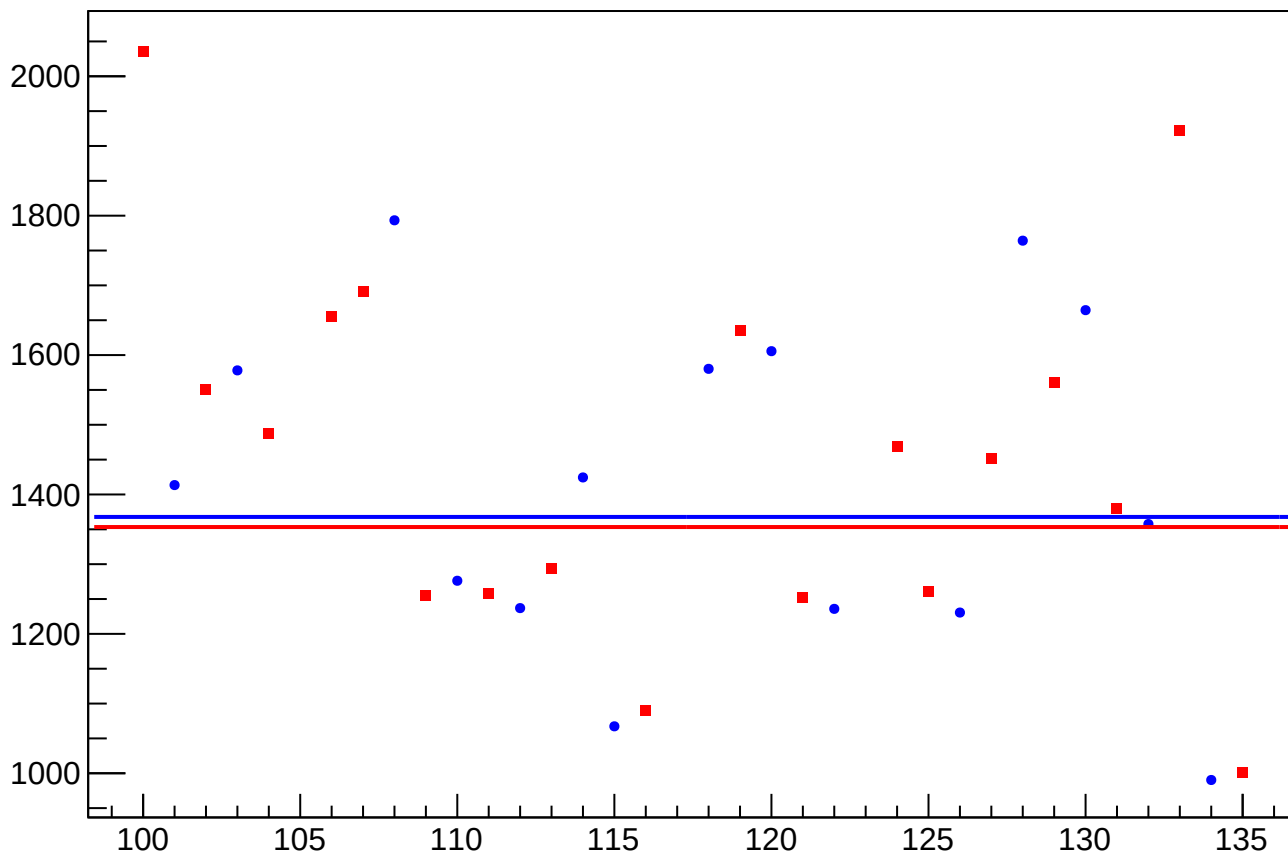
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -613.158 ± 375.563 χ^2/NDF : 28.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_correction_rms vs Slug



Right In: 1367.775 $\pm$ 0.392 χ^2 /NDF: 344205.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1353.274 $\pm$ 0.361 χ^2 /NDF: 400289.7/17

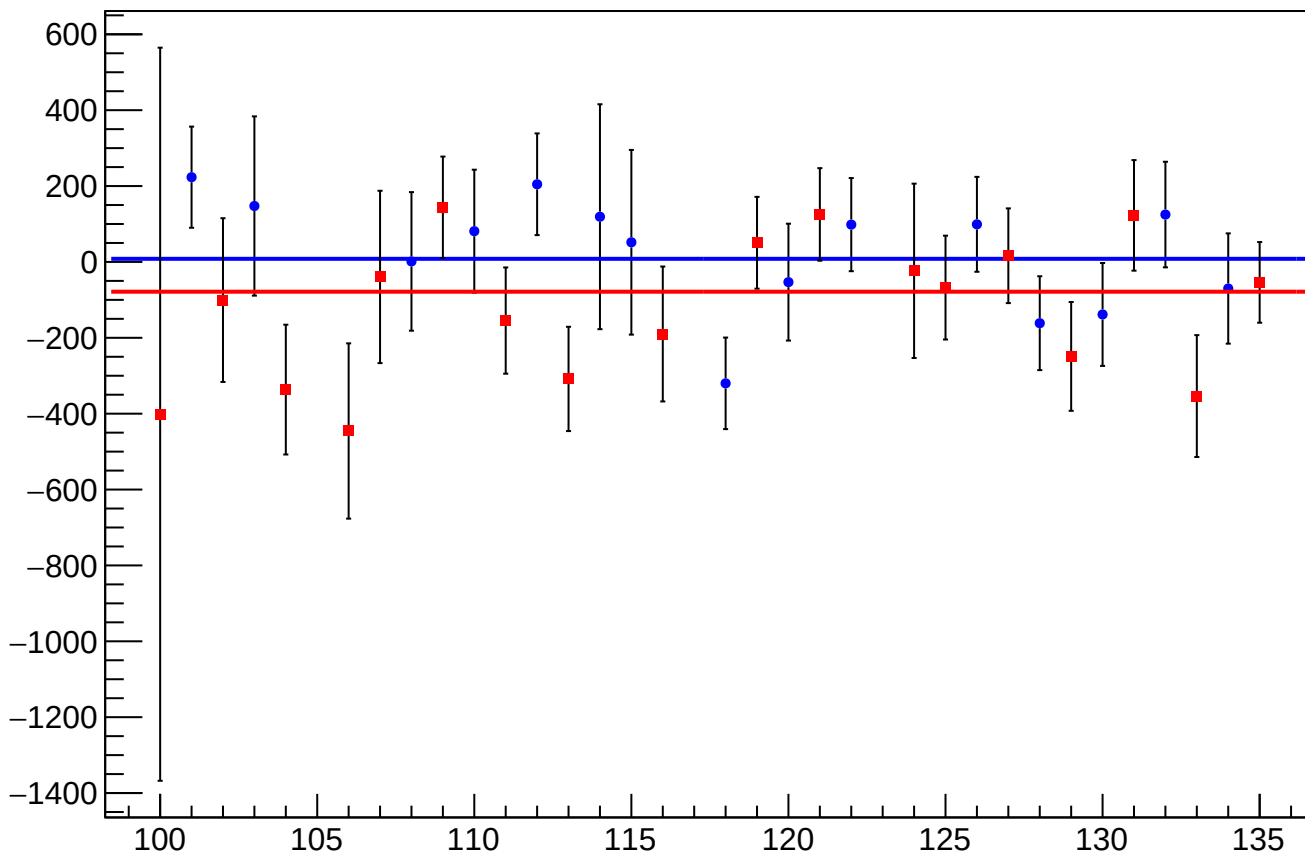
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1359.934 $\pm$ 0.266 χ^2 /NDF: 745235.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

cor_asym_sam_2468_avg_mean vs Slug



Right In: 8.224 ± 38.183 χ^2/NDF : 18.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.485 ± 35.777 χ^2/NDF : 22.1/17

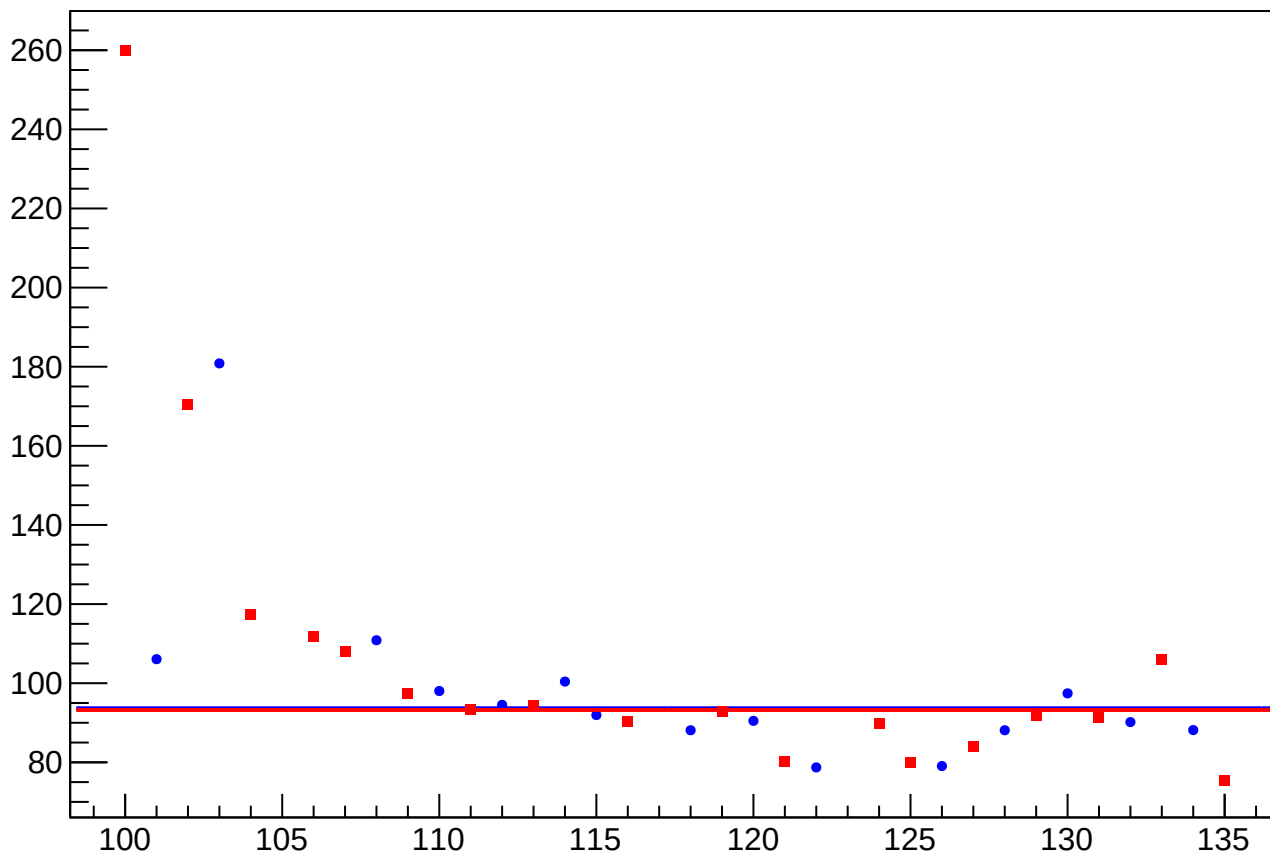
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.949 ± 26.107 χ^2/NDF : 43.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

cor_asym_sam_2468_avg_rms vs Slug



Right In: 93.662 $\pm$ 0.027 χ^2 /NDF: 381728.0/14

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

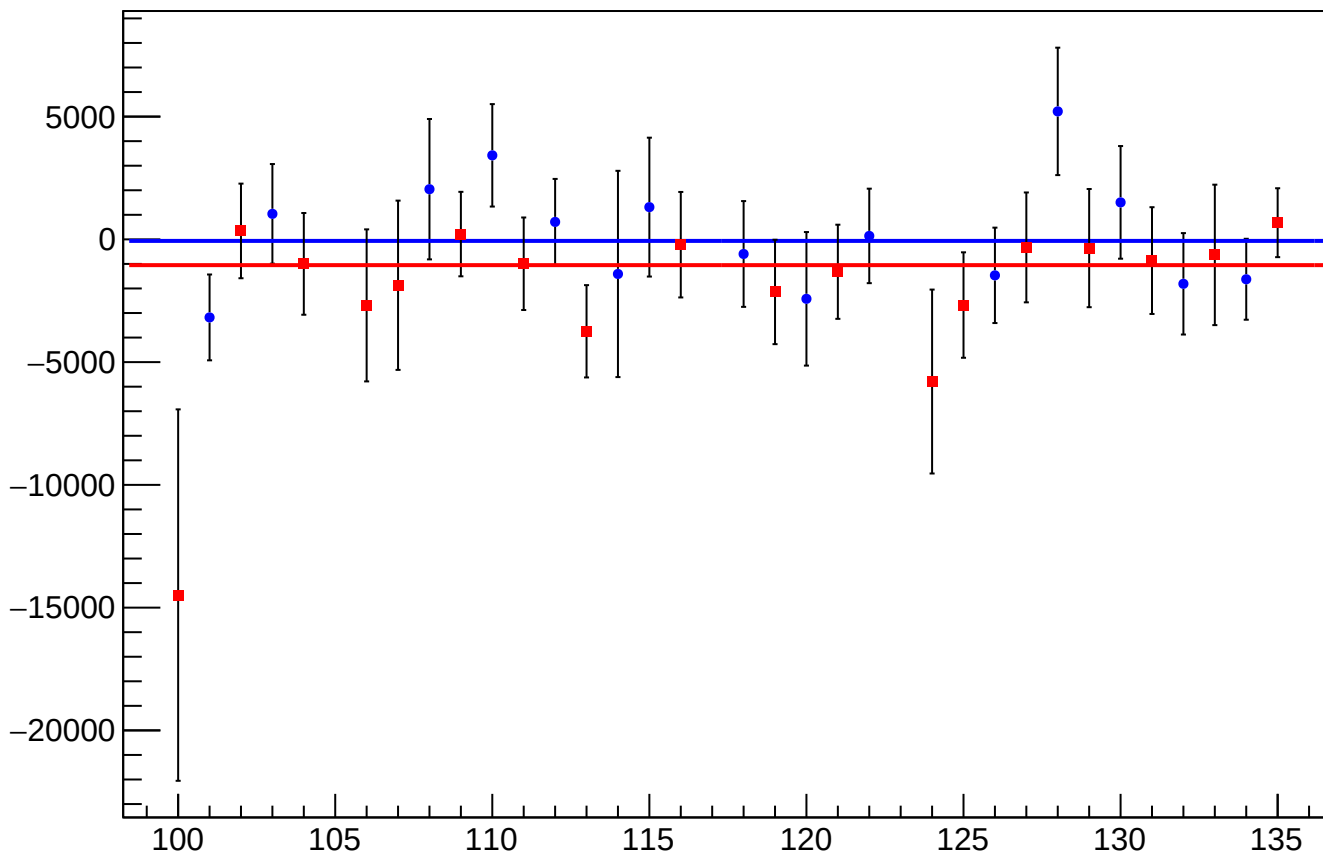
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.437 $\pm$ 0.018 χ^2 /NDF: 883118.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_cor_correction_mean vs Slug



Right In: -62.681 ± 554.166 χ^2/NDF : 14.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1049.677 ± 511.471 χ^2/NDF : 11.0/17

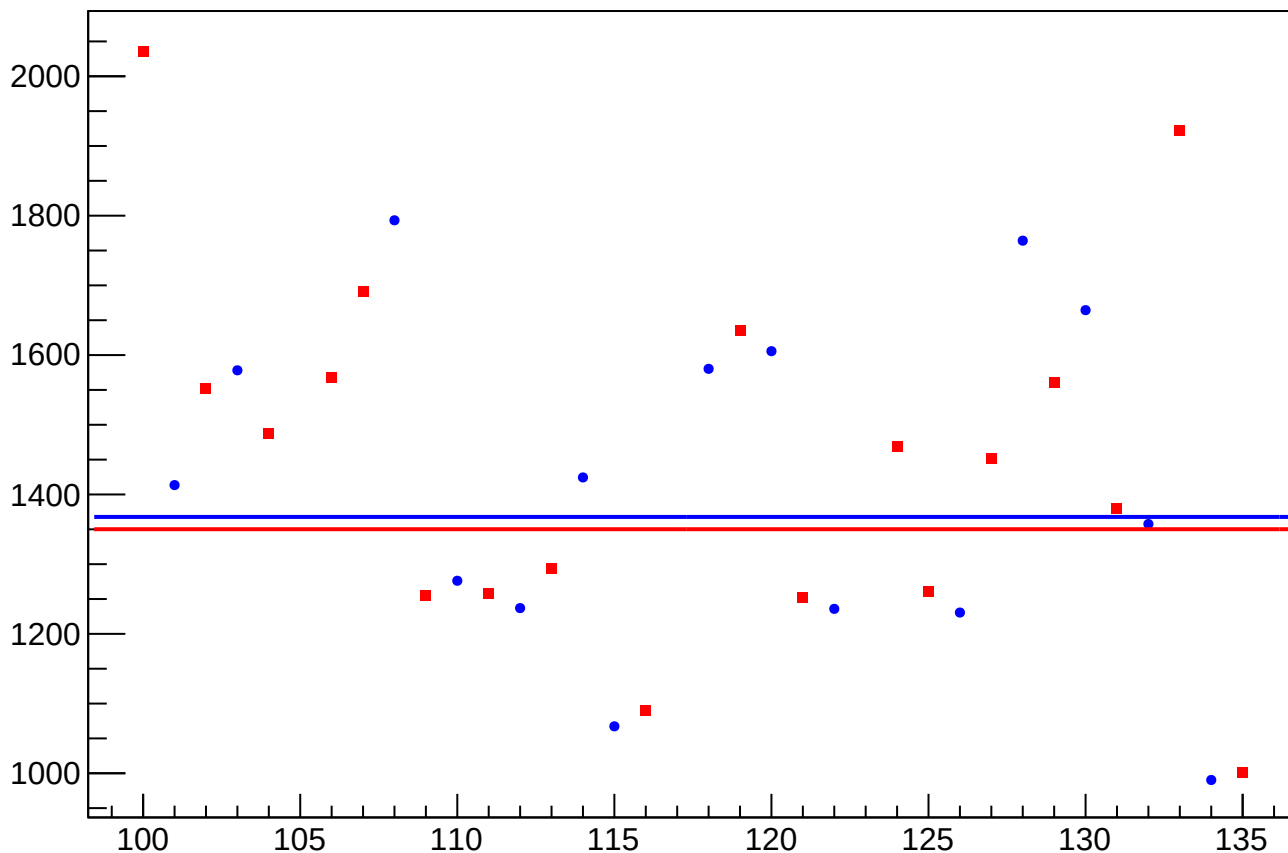
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -595.660 ± 375.853 χ^2/NDF : 27.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_cor_correction_rms vs Slug



Right In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

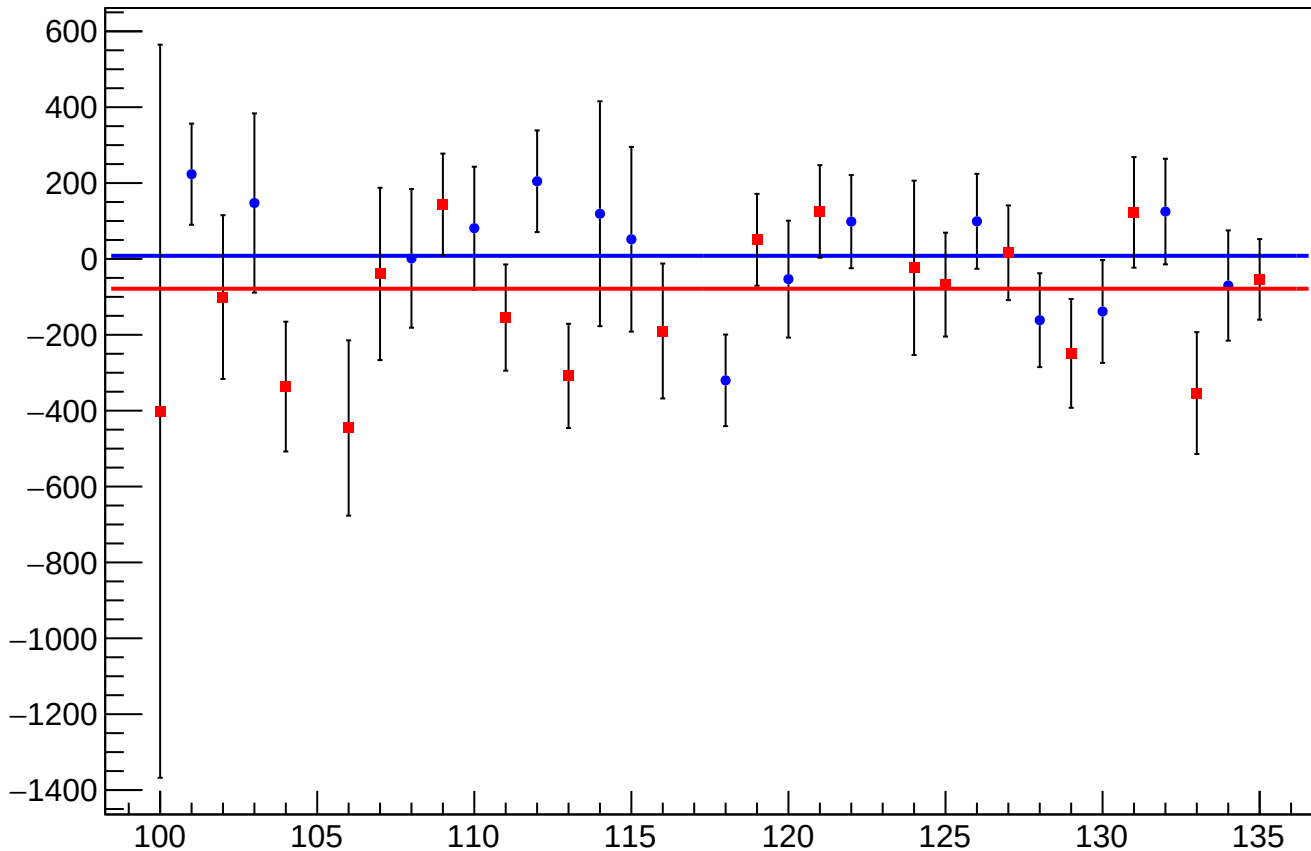
Right Out: 1350.137+/-0.362 χ^2/NDF : 389161.2/17

All: 1358.253+/-0.266 χ^2/NDF : 734481.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_2468_avg_mean vs Slug



Right In: 8.224+/-38.183 χ^2 /NDF: 18.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -78.485+/-35.777 χ^2 /NDF: 22.1/17

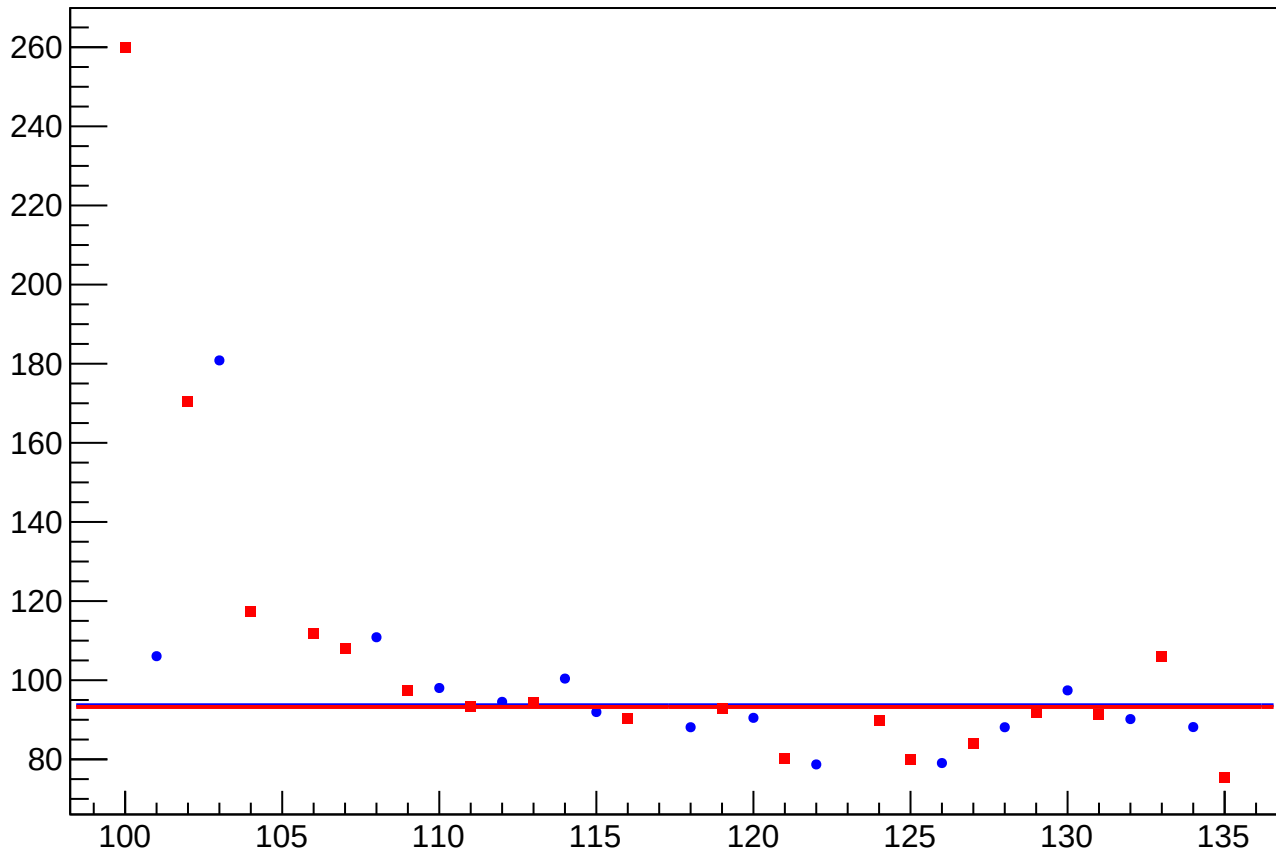
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -37.949+/-26.107 χ^2 /NDF: 43.0/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_2468_avg_rms vs Slug



Right In: 93.662 $\pm$ 0.027 χ^2 /NDF: 381728.0/14

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

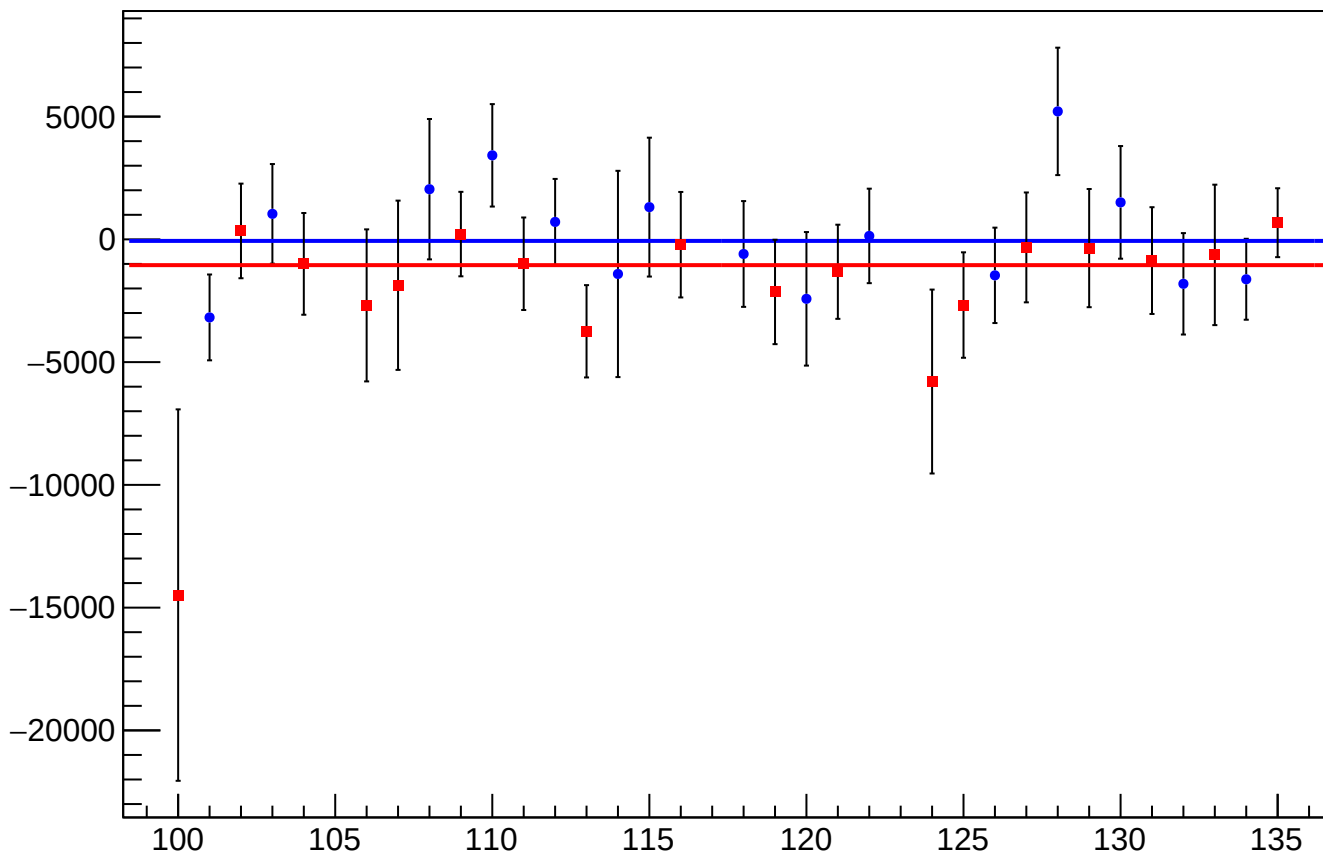
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 93.437 $\pm$ 0.018 χ^2 /NDF: 883118.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_cor_correction_mean vs Slug



Right In: -62.681 ± 554.166 χ^2/NDF : 14.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1049.677 ± 511.471 χ^2/NDF : 11.0/17

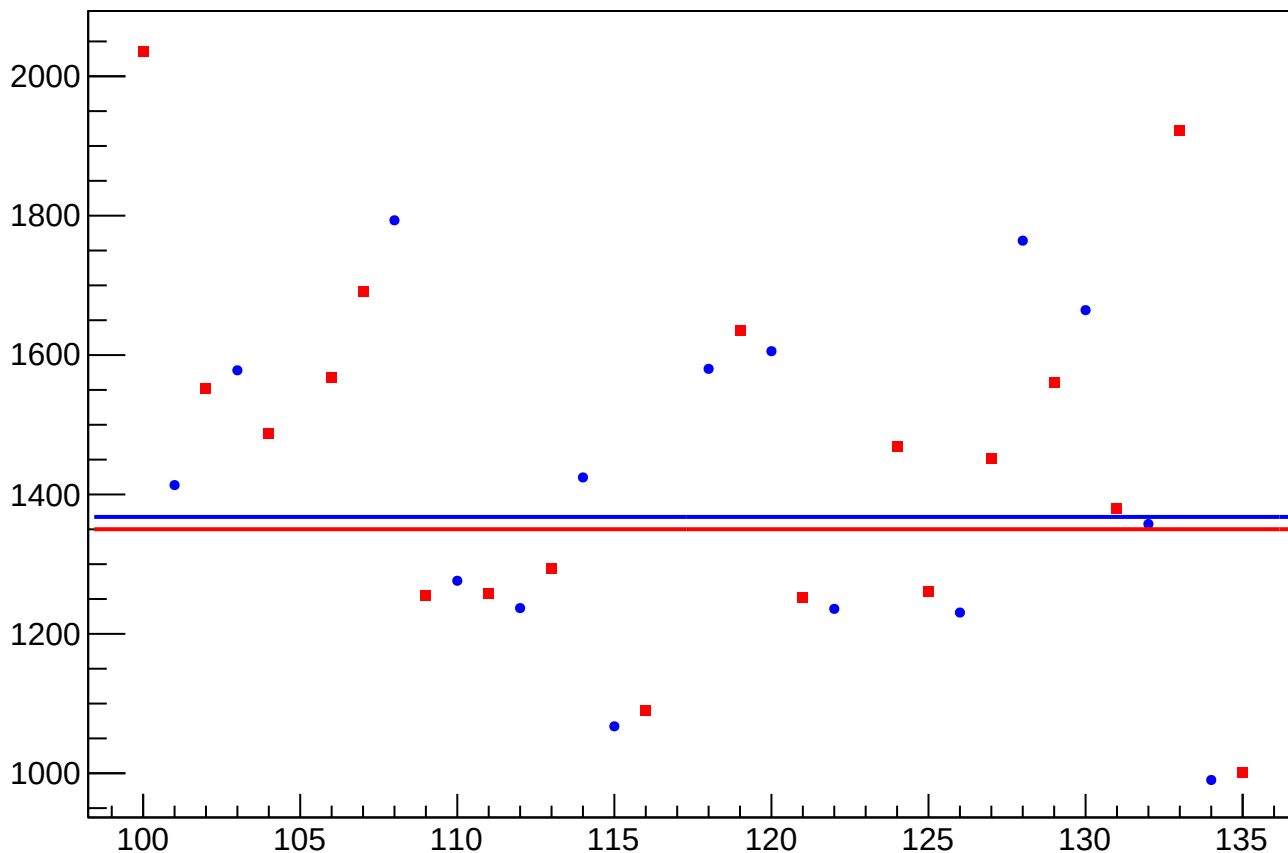
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -595.660 ± 375.853 χ^2/NDF : 27.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_correction_rms vs Slug



Right In: 1367.781+/-0.392 χ^2/NDF : 344225.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1350.137+/-0.362 χ^2/NDF : 389161.2/17

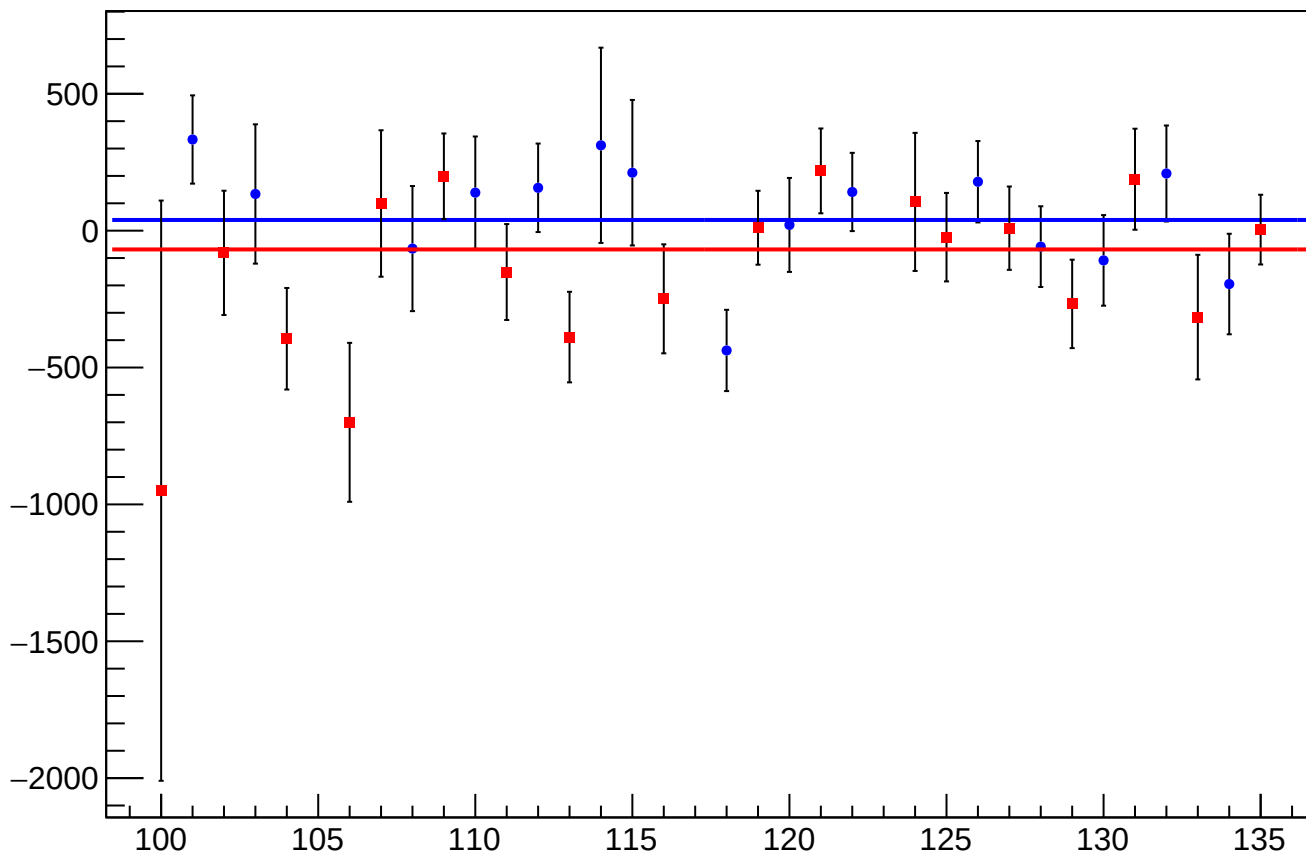
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1358.253+/-0.266 χ^2/NDF : 734481.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_mean vs Slug



Right In: 39.100+/-45.867 χ^2/NDF : 21.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.550+/-42.536 χ^2/NDF : 26.2/17

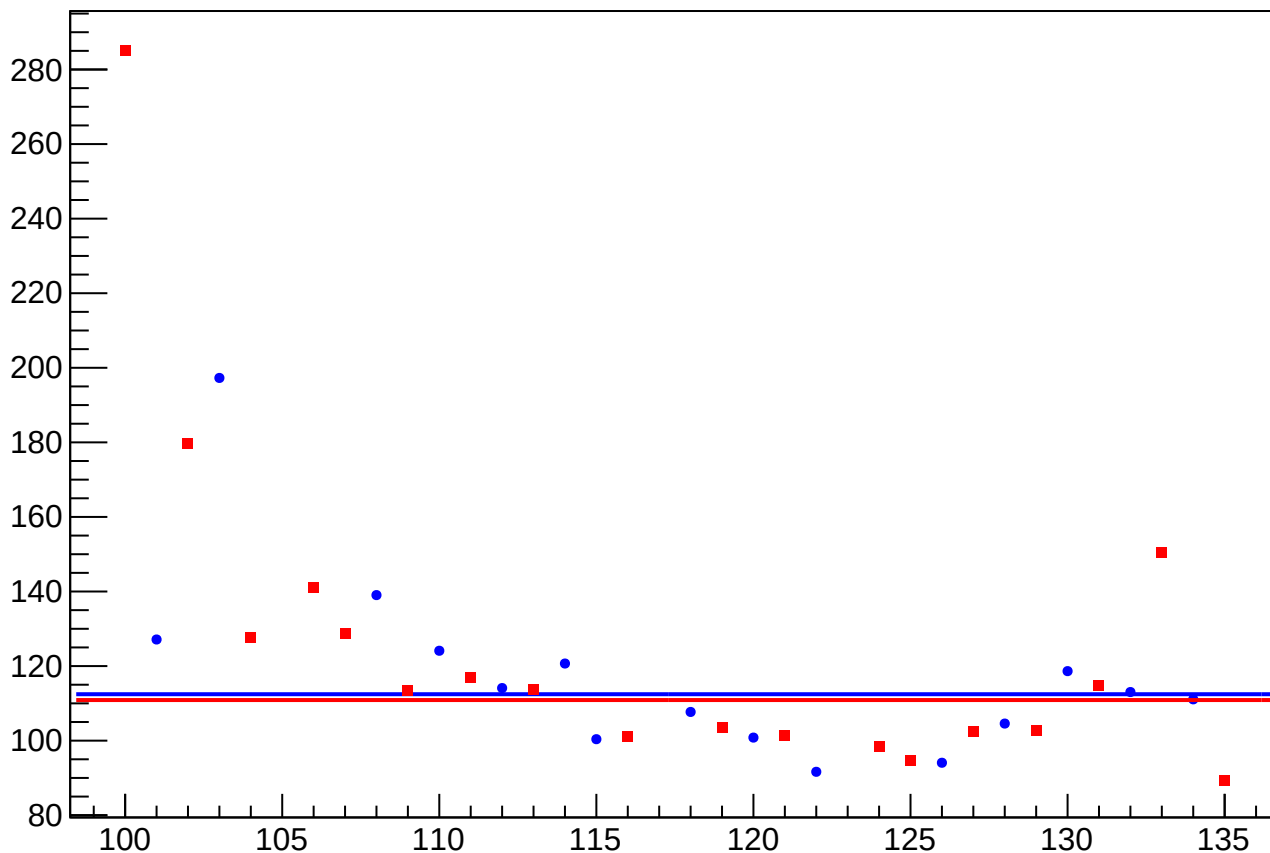
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.776+/-31.189 χ^2/NDF : 50.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.453+/-0.032 χ^2/NDF : 370538.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 110.889+/-0.030 χ^2/NDF : 460552.4/17

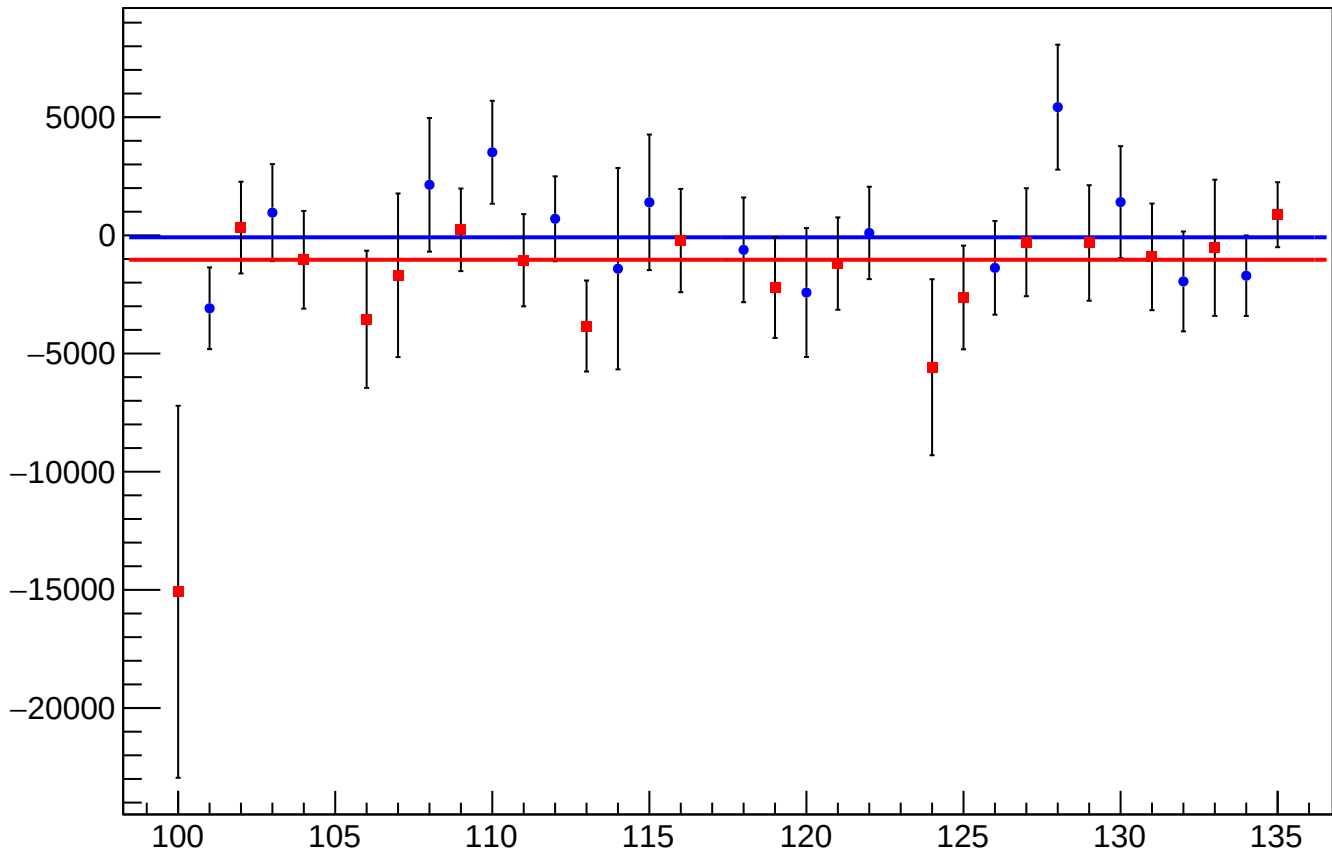
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 111.612+/-0.022 χ^2/NDF : 832339.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_correction_mean vs Slug



Right In: -82.506 $\pm$ 564.416 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -1032.645 $\pm$ 516.159 χ^2 /NDF: 11.7/17

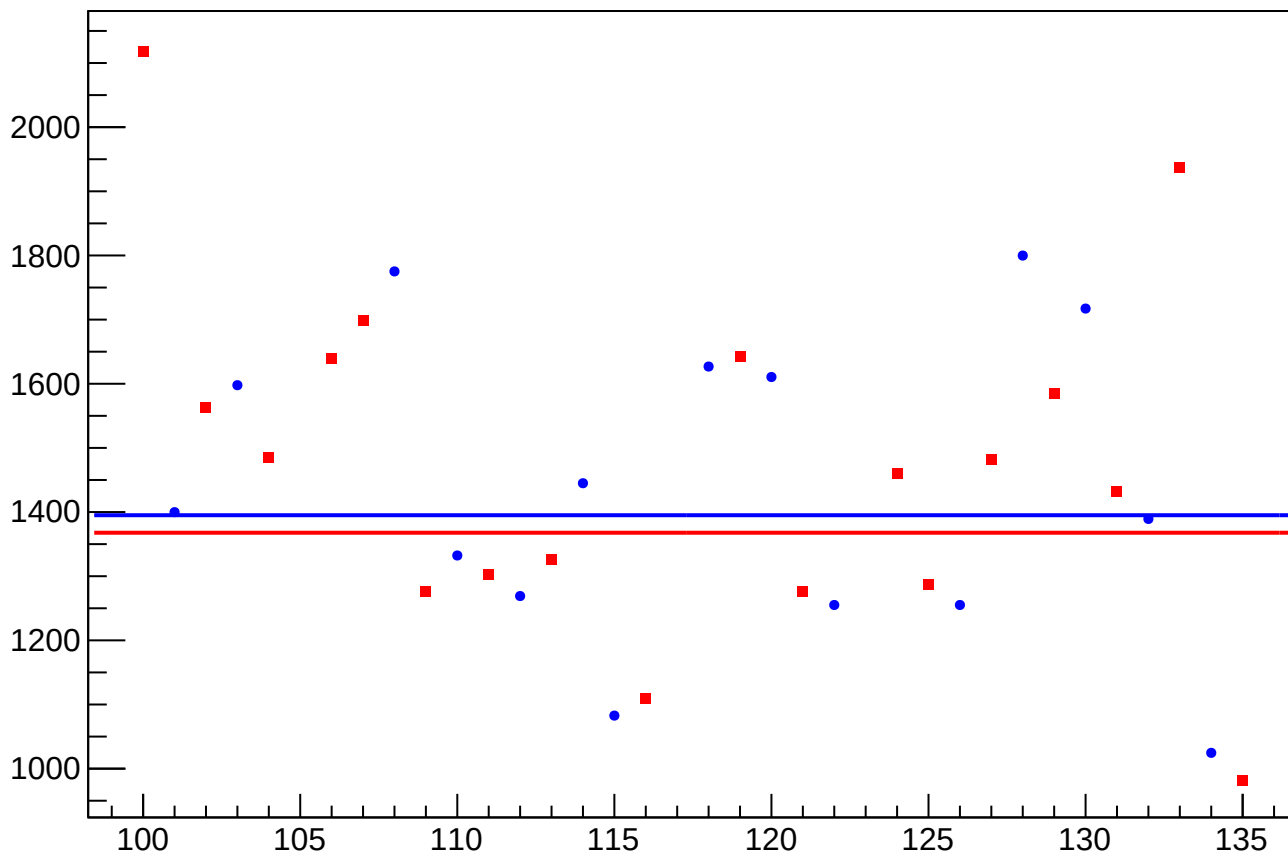
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -599.923 $\pm$ 380.899 χ^2 /NDF: 28.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_correction_rms vs Slug



Right In: 1395.079 $\pm$ 0.399 χ^2 /NDF: 324288.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

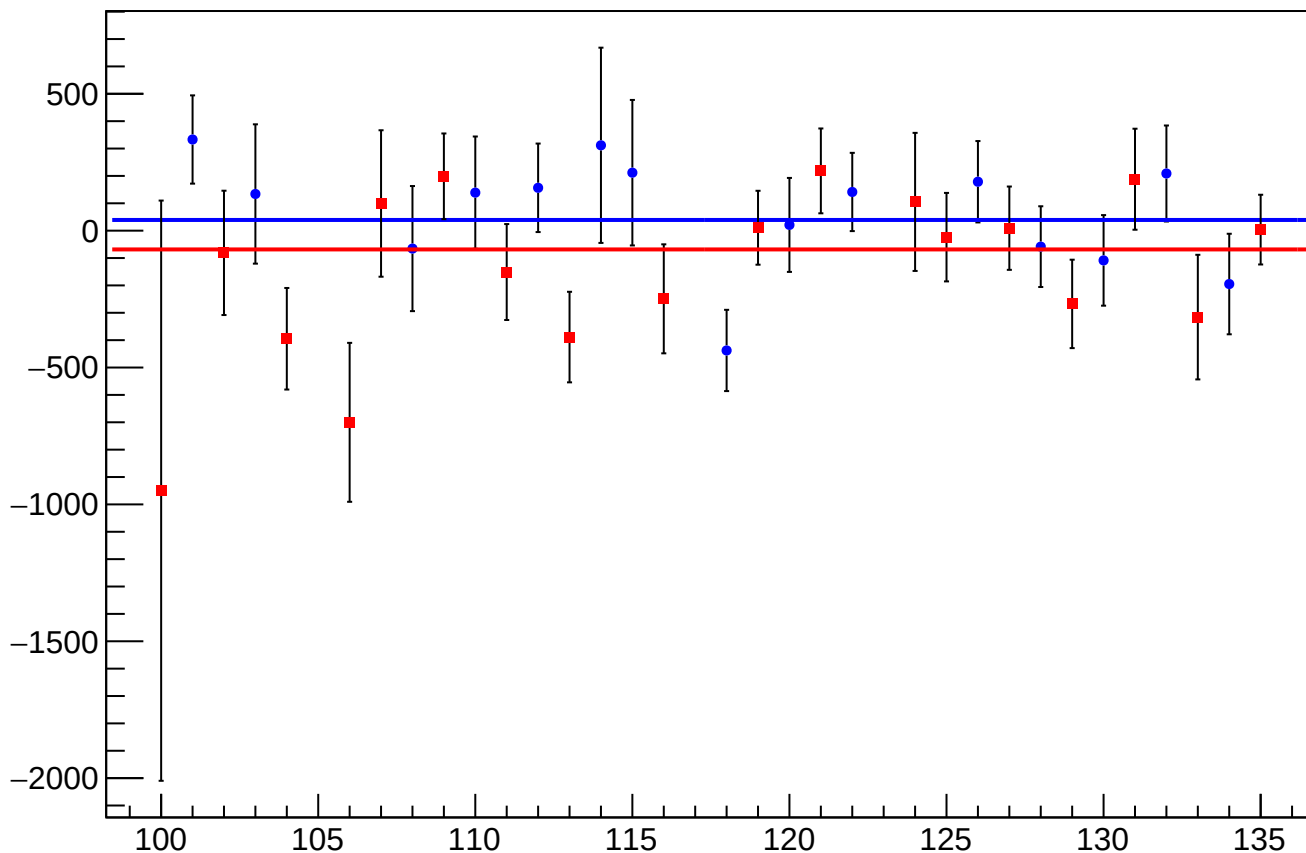
Right Out: 1367.775 $\pm$ 0.365 χ^2 /NDF: 416563.9/17

All: 1380.210 $\pm$ 0.269 χ^2 /NDF: 743401.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_2468_avg_mean vs Slug



Right In: 39.098+/-45.867 χ^2/NDF : 21.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -68.548+/-42.535 χ^2/NDF : 26.2/17

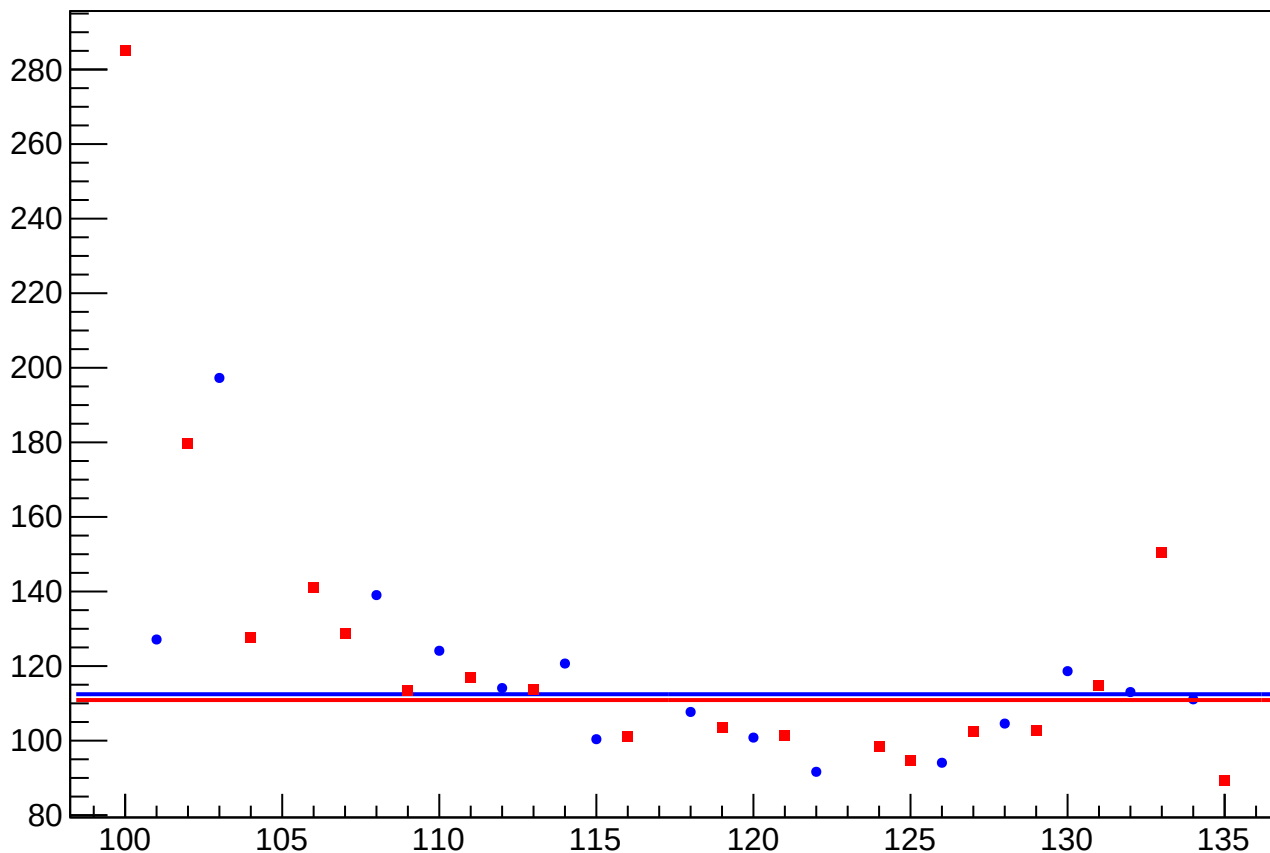
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.776+/-31.188 χ^2/NDF : 50.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_2468_avg_rms vs Slug



Right In: 112.452 $\pm$ 0.032 χ^2 /NDF: 370532.5/14

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

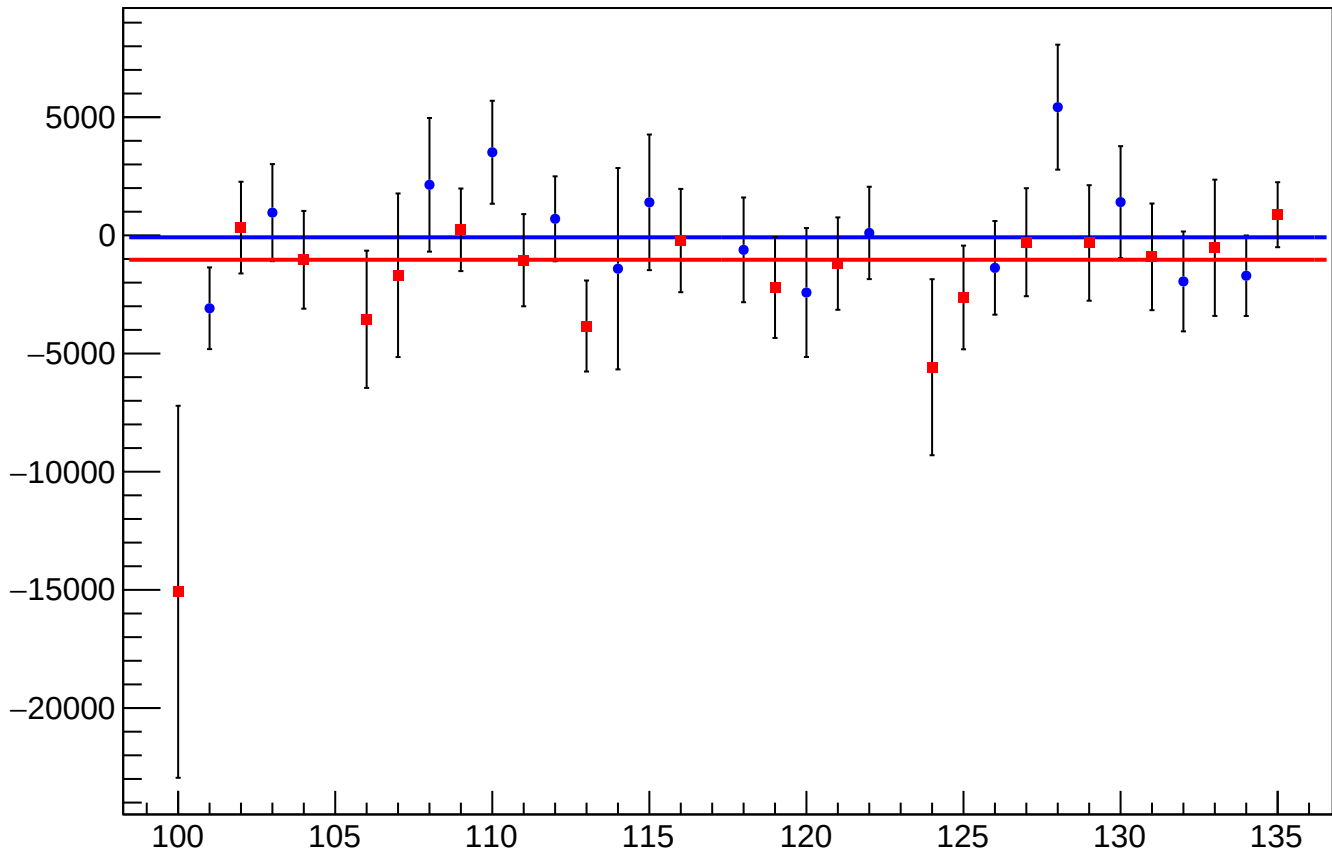
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 111.612 $\pm$ 0.022 χ^2 /NDF: 832331.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_correction_mean vs Slug



Right In: -82.502 ± 564.415 χ^2/NDF : 14.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1032.644 ± 516.157 χ^2/NDF : 11.7/17

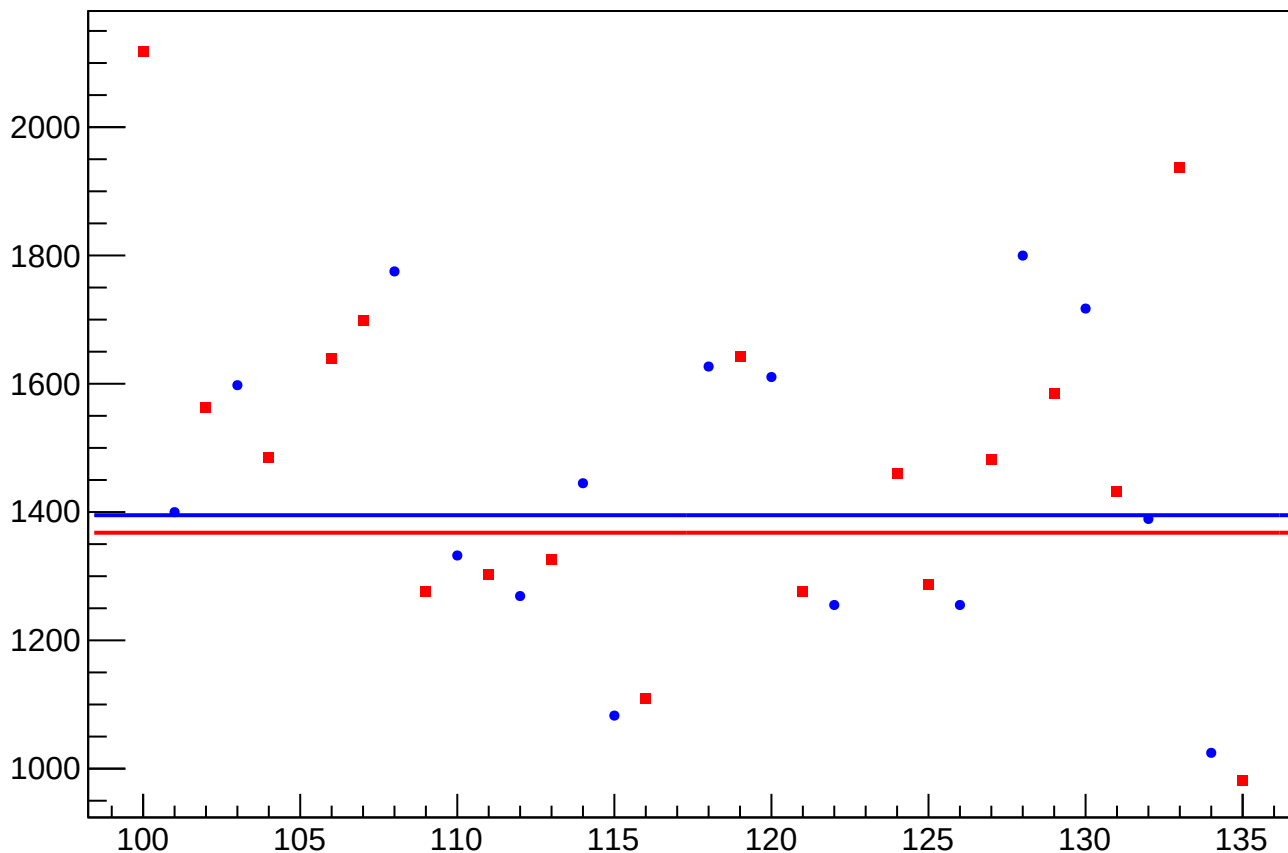
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -599.921 ± 380.898 χ^2/NDF : 28.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_correction_rms vs Slug



Right In: 1395.076+/-0.399 χ^2/NDF : 324287.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

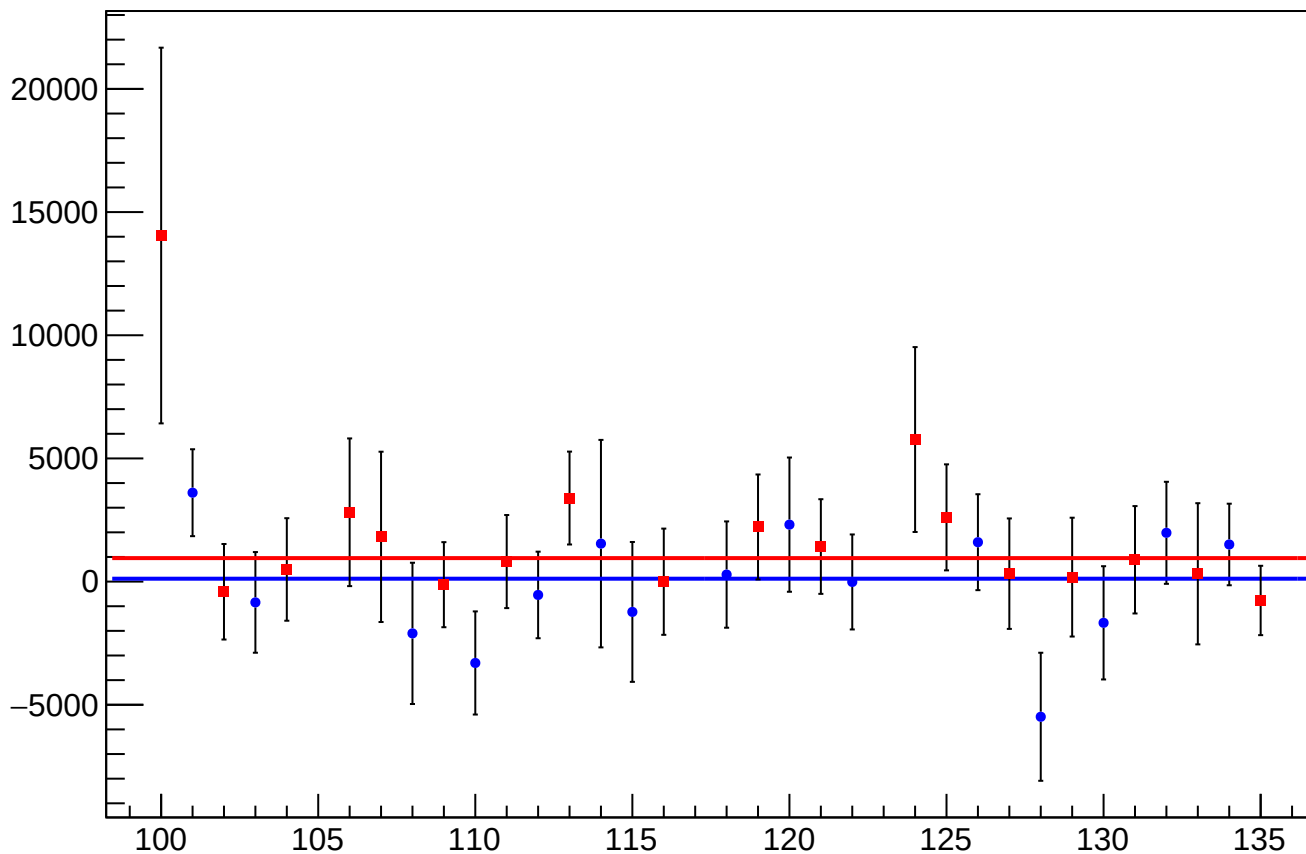
Right Out: 1367.771+/-0.365 χ^2/NDF : 416564.1/17

All: 1380.207+/-0.269 χ^2/NDF : 743400.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_mean vs Slug



Right In: 117.509 $\pm$ 556.202 χ^2 /NDF: 15.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 953.576 $\pm$ 512.513 χ^2 /NDF: 10.6/17

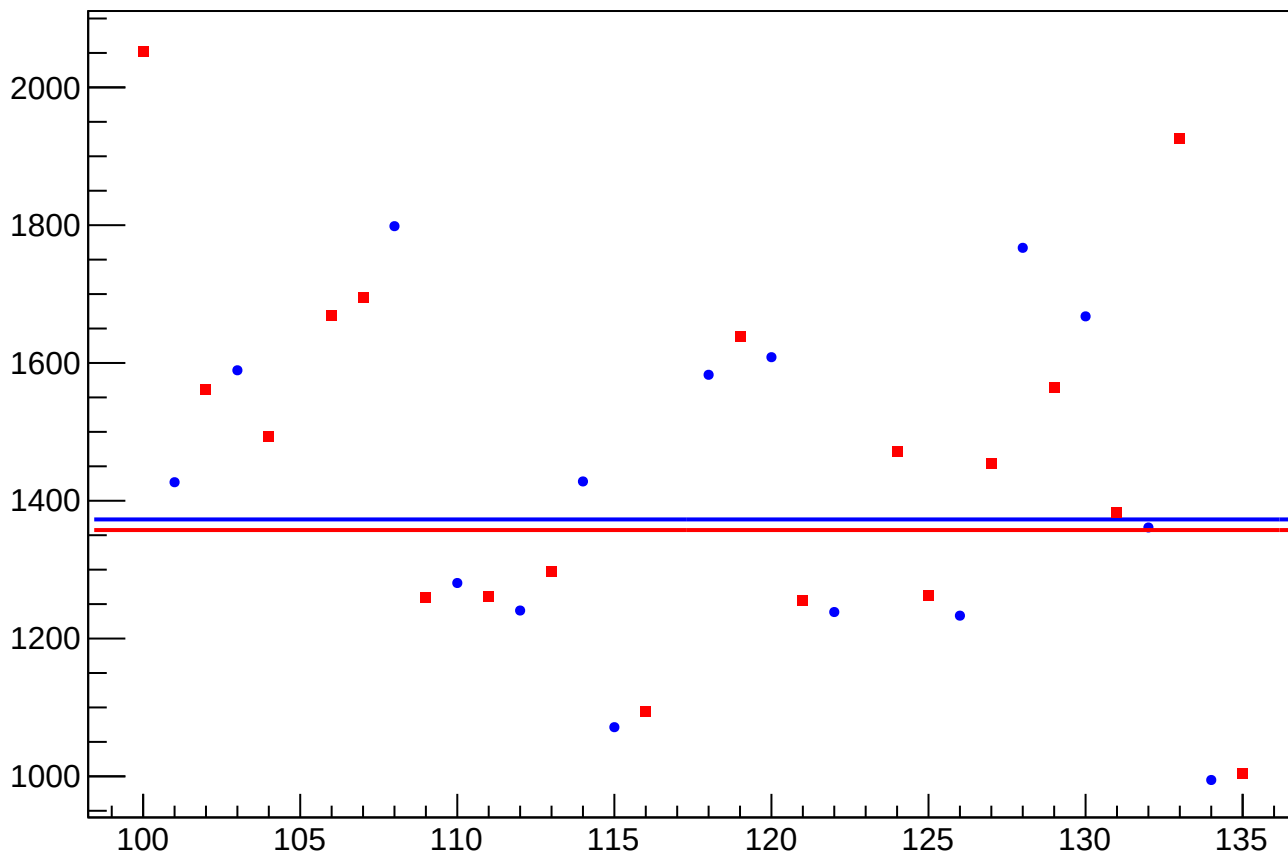
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 569.663 $\pm$ 376.901 χ^2 /NDF: 27.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_rms vs Slug



Right In: 1372.910+/-0.393 χ^2/NDF : 343748.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

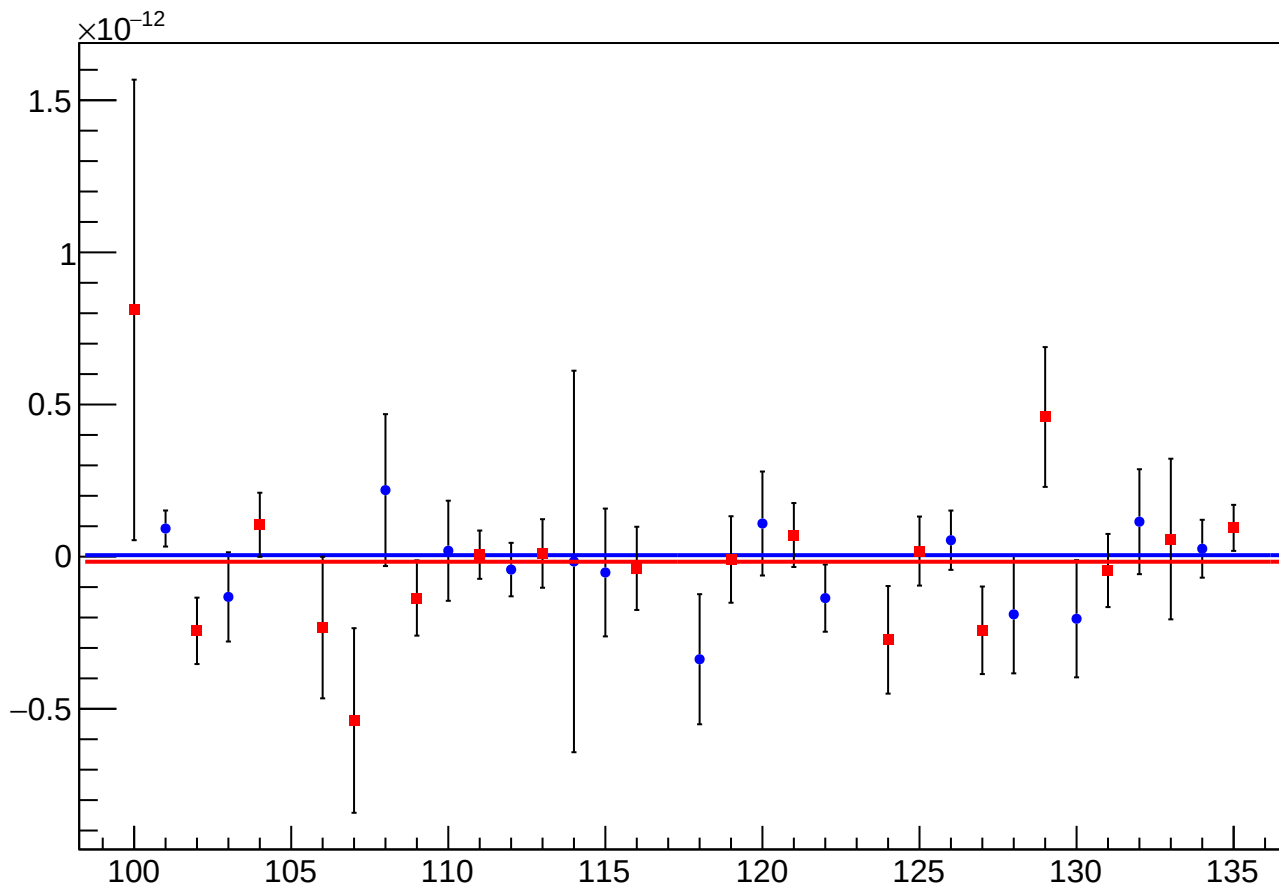
Right Out: 1357.480+/-0.362 χ^2/NDF : 401346.8/17

All: 1364.565+/-0.267 χ^2/NDF : 745928.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 11.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 23.7/17

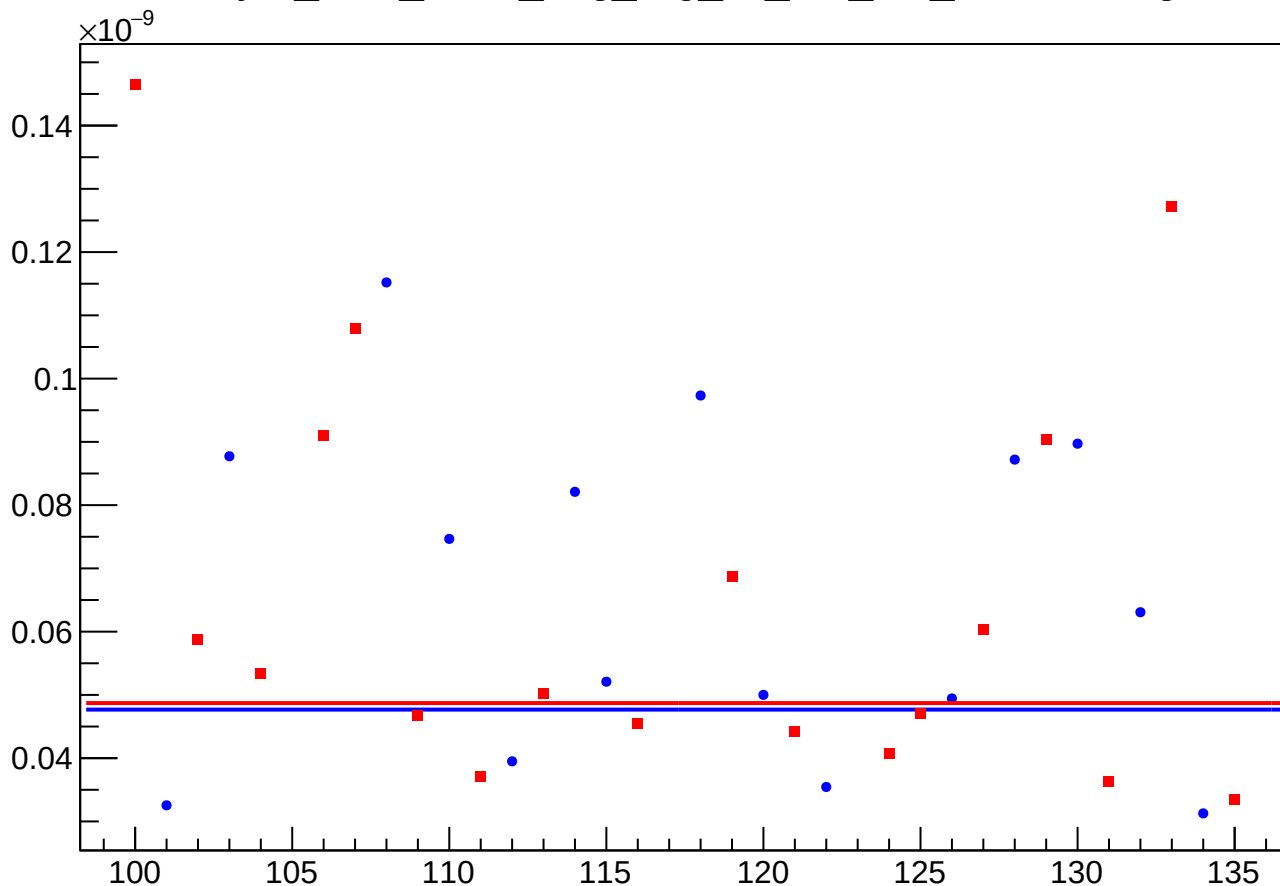
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 35.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 891192.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 646537.2/17

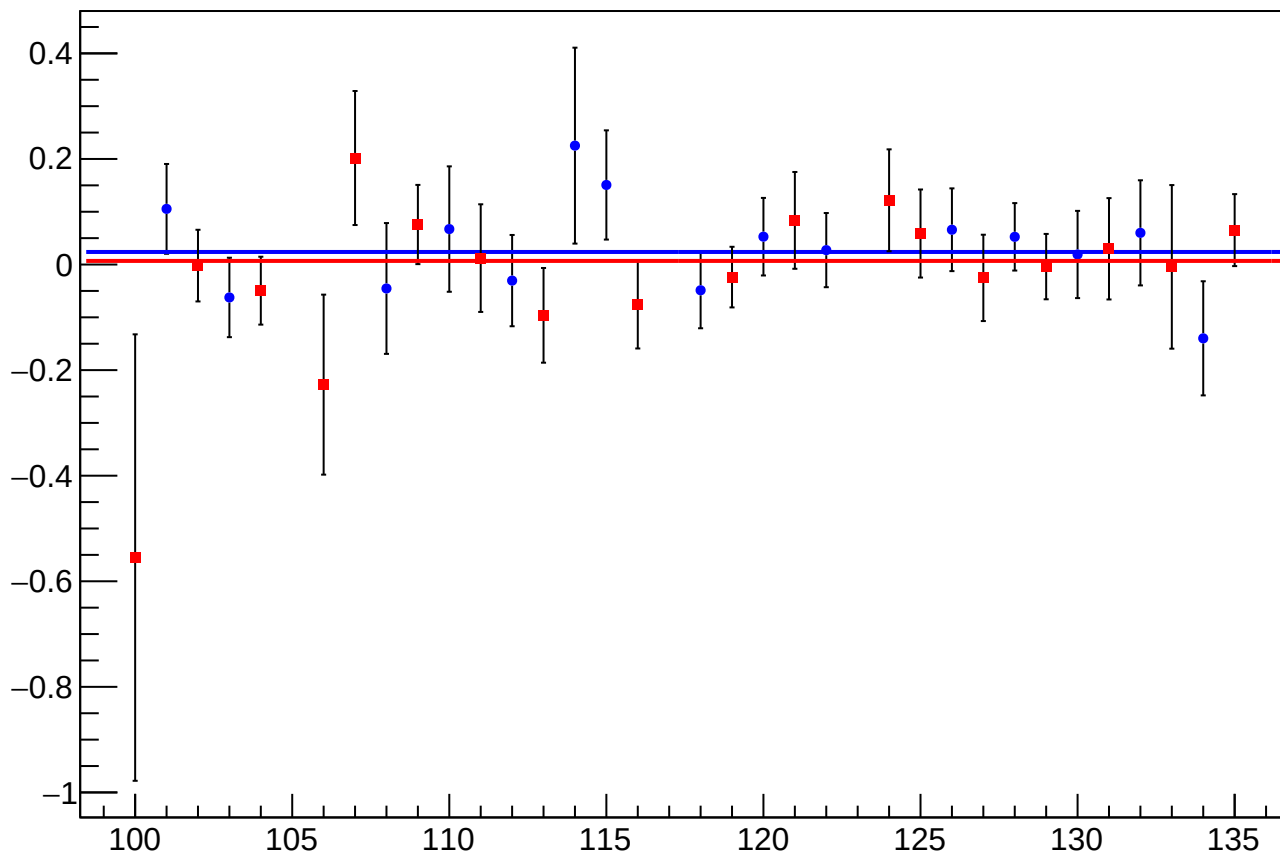
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 1538847.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 9.8/14

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

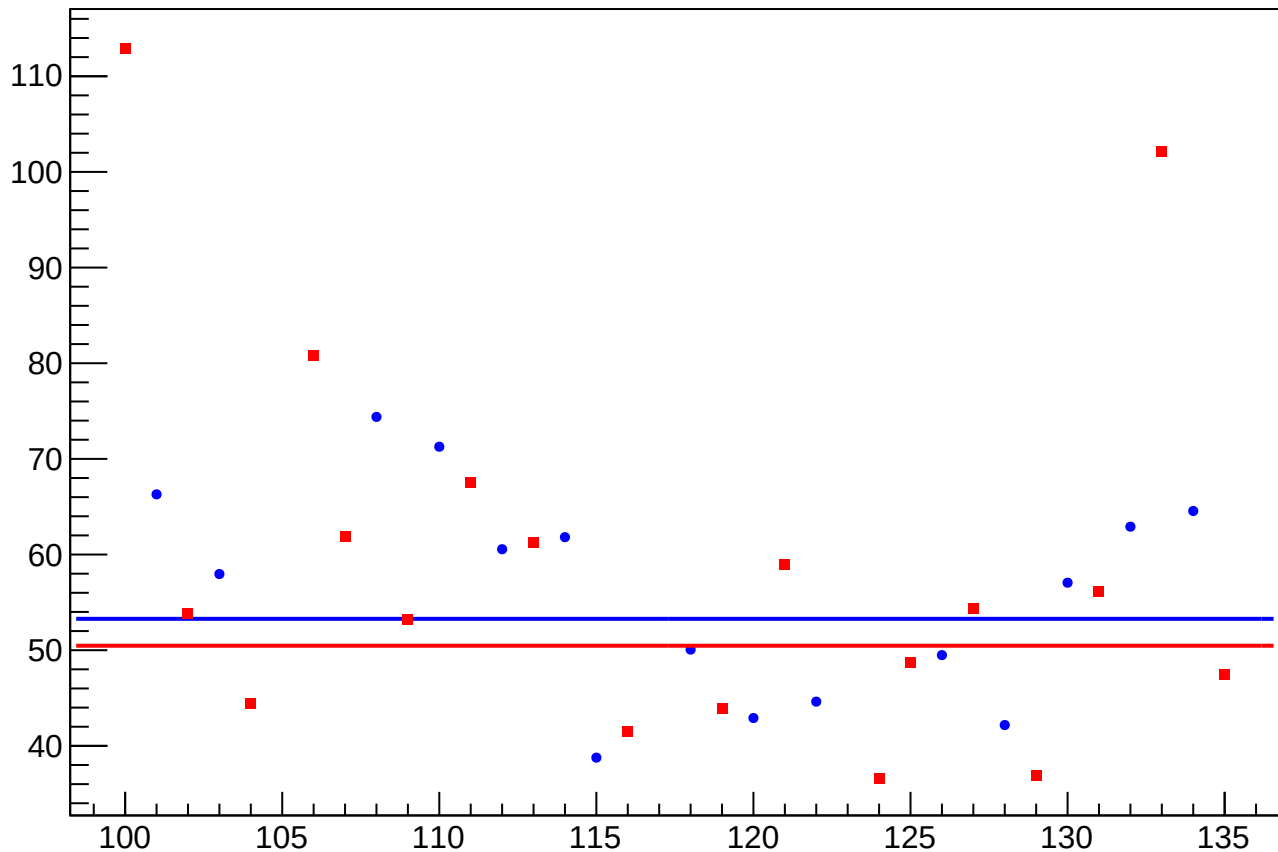
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.015 χ^2 /NDF: 23.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_cor_diff_rms vs Slug



Right In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.468+/-0.014 χ^2/NDF : 676424.1/17

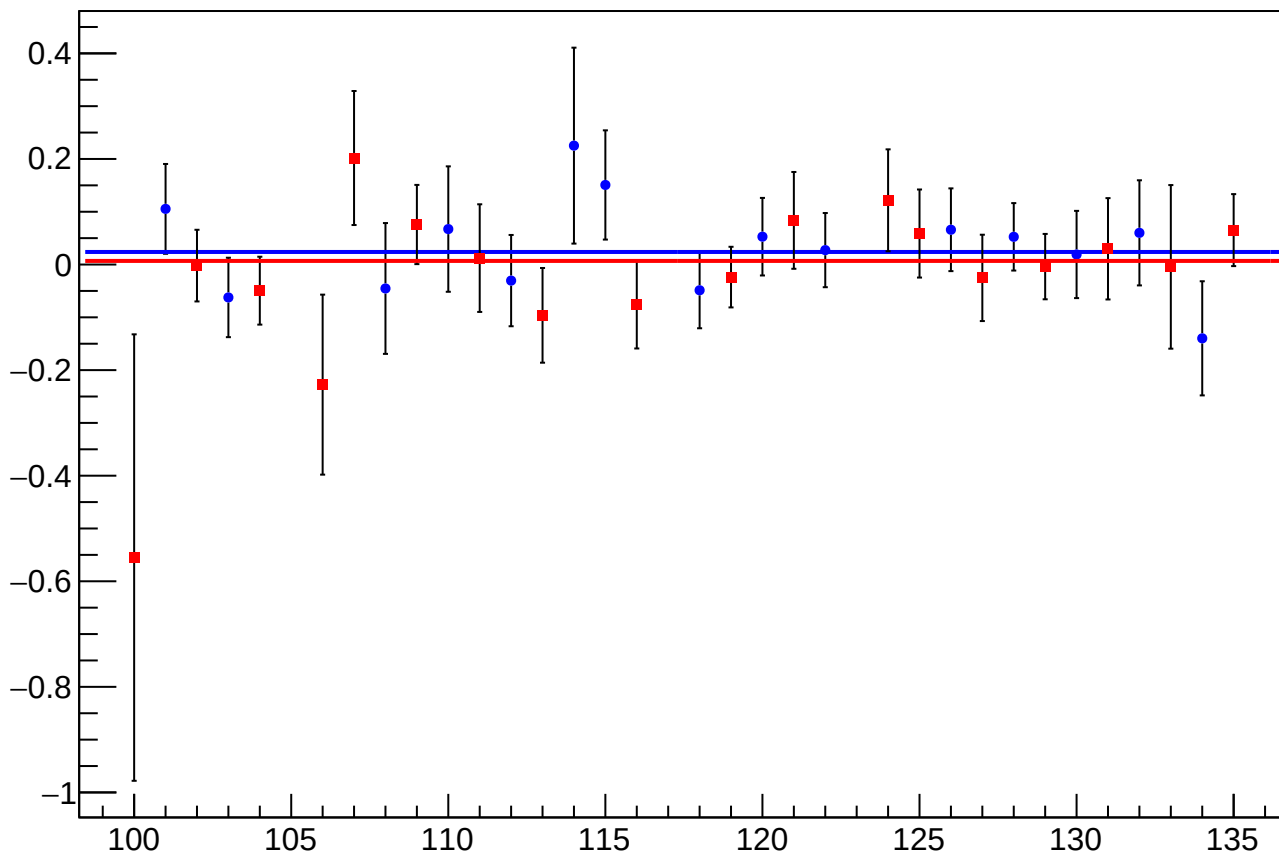
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.713+/-0.010 χ^2/NDF : 1094441.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.022 χ^2 /NDF: 9.8/14

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

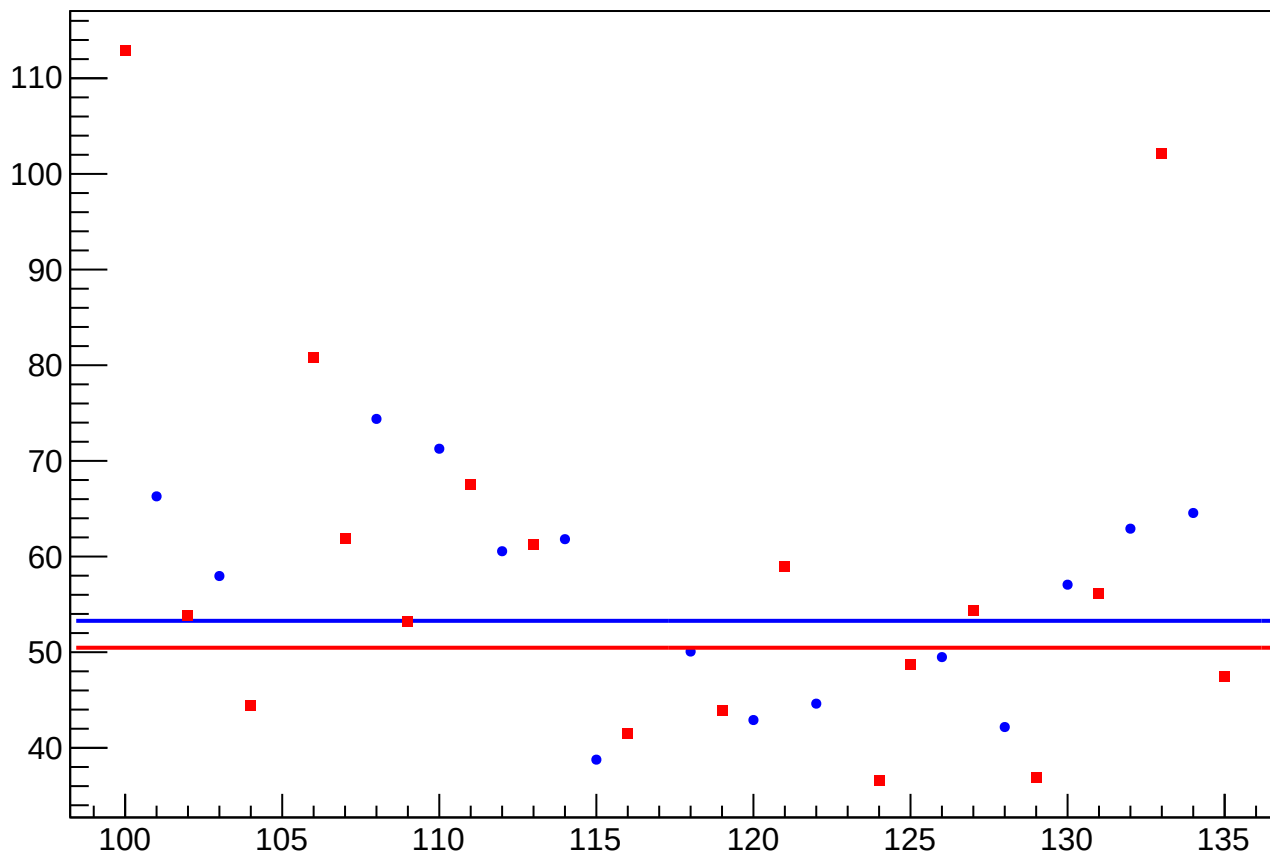
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.014 $\pm$ 0.015 χ^2 /NDF: 23.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.280+/-0.016 χ^2/NDF : 400146.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.468+/-0.014 χ^2/NDF : 676424.1/17

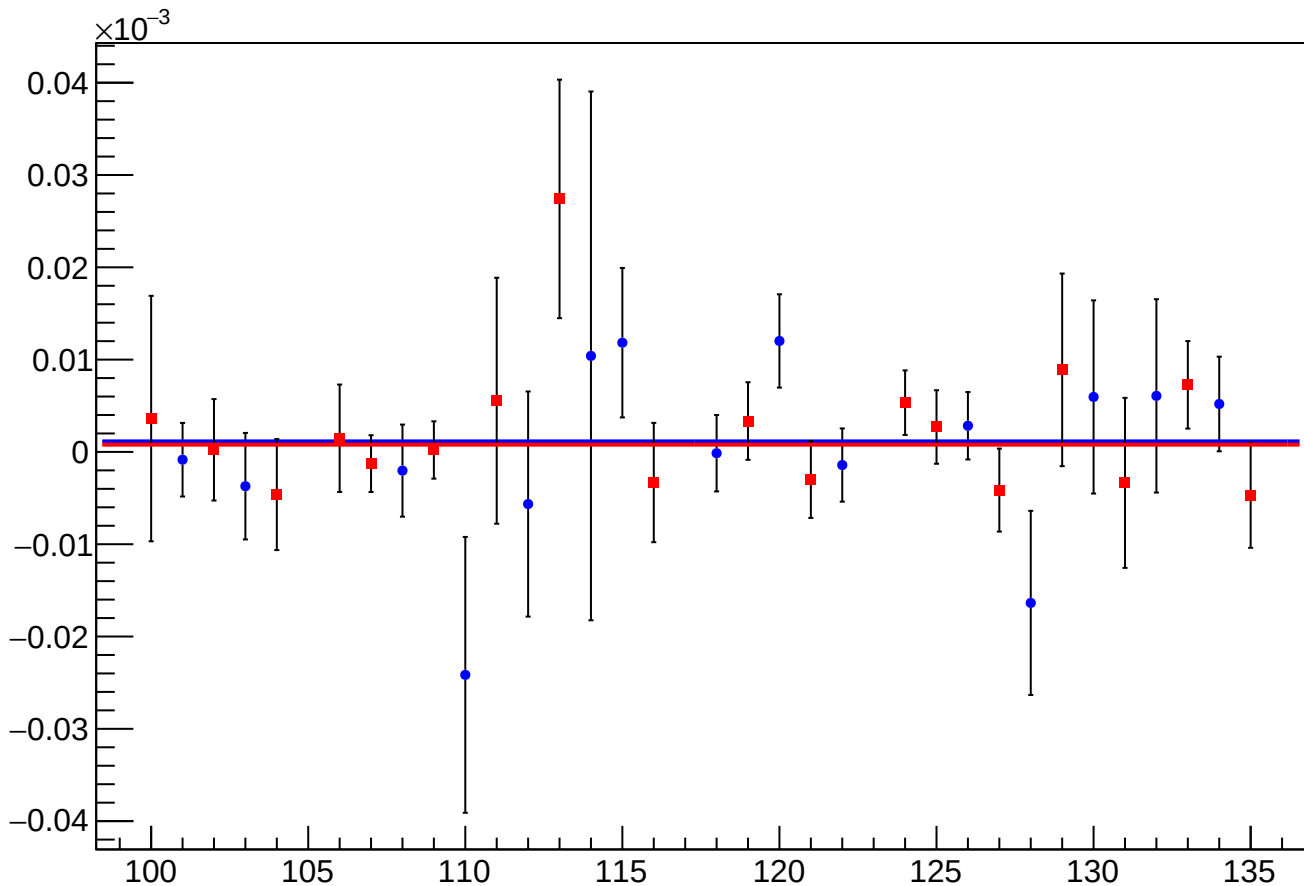
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.713+/-0.010 χ^2/NDF : 1094441.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.9/14

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

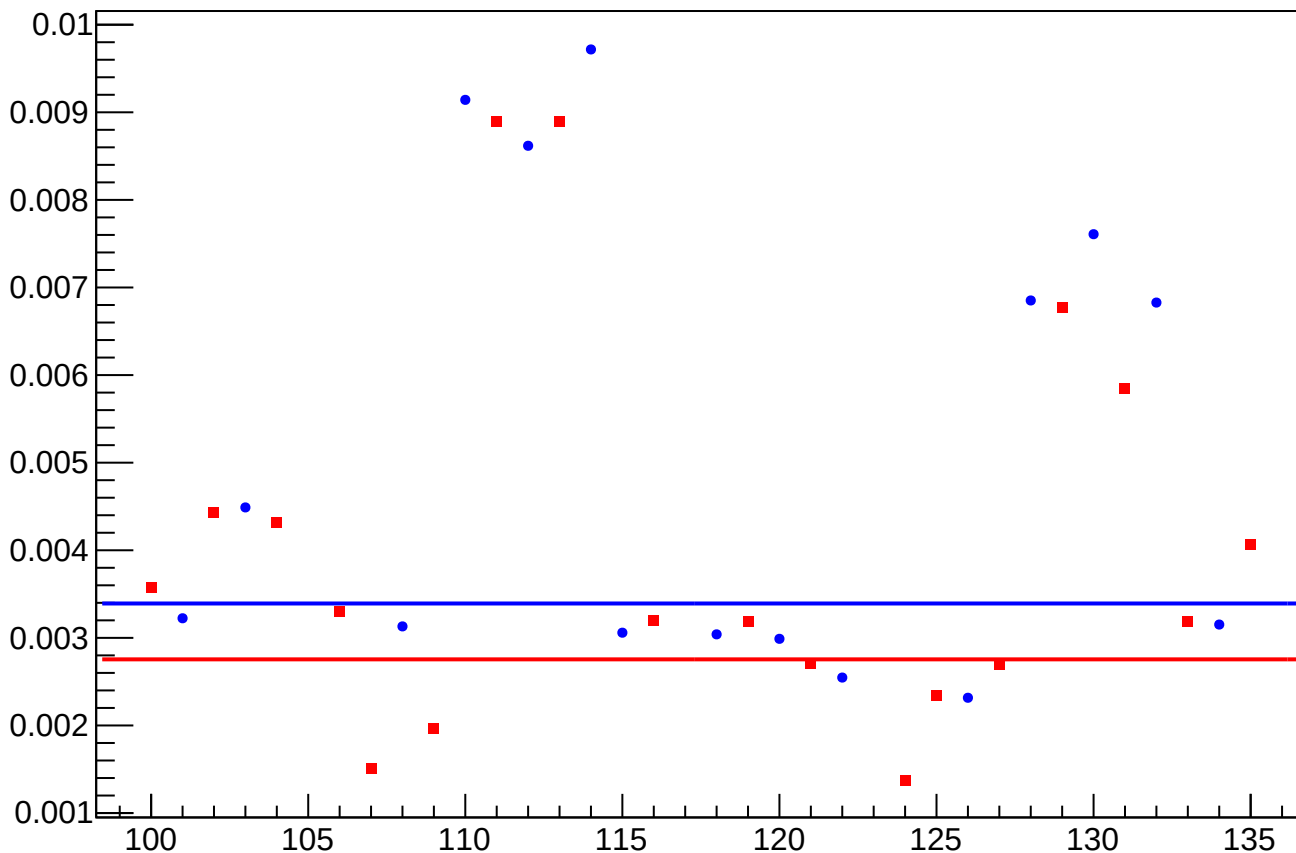
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 30.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.003+/-0.000 χ^2/NDF : 1921702.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.003+/-0.000 χ^2/NDF : 2693799.3/17

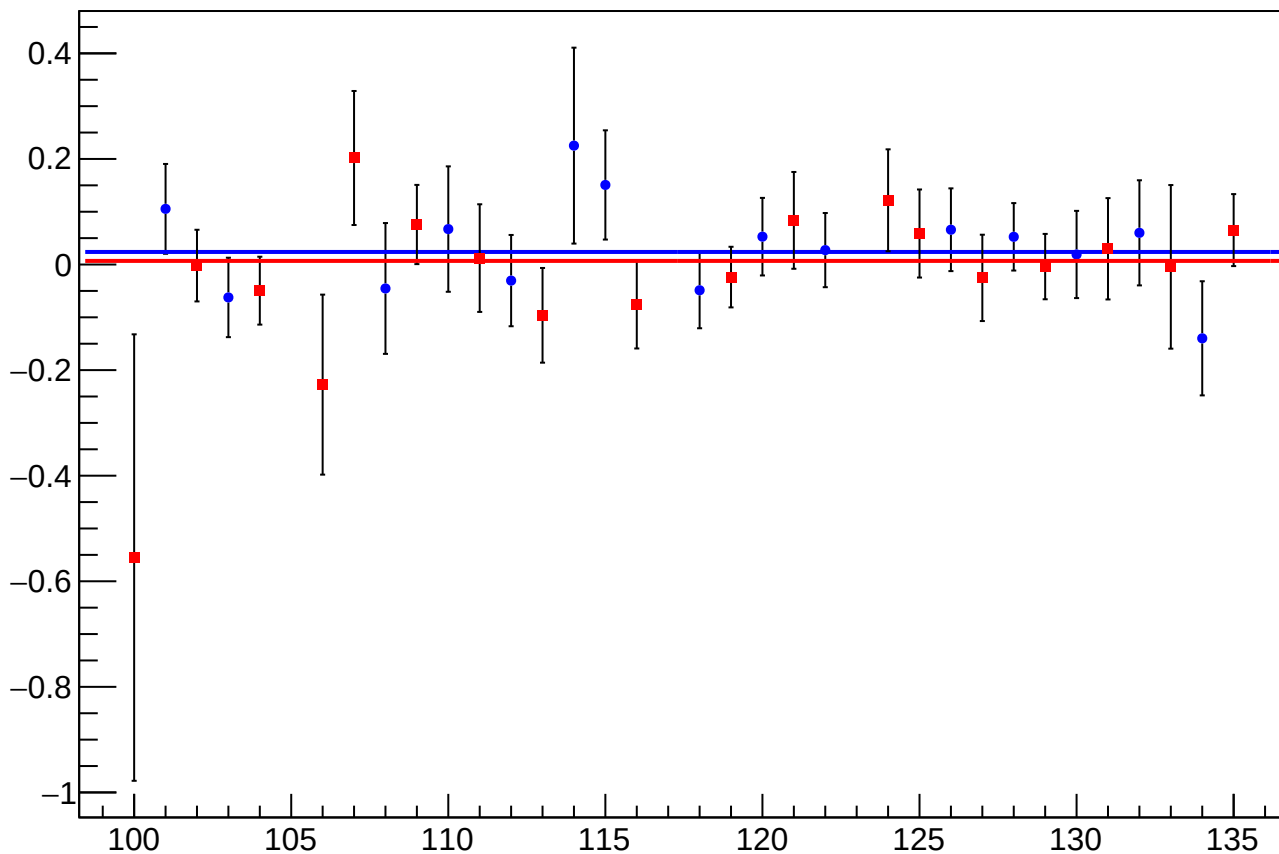
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.000 χ^2/NDF : 4847964.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.024 $\pm$ 0.022 χ^2/NDF : 9.8/14

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

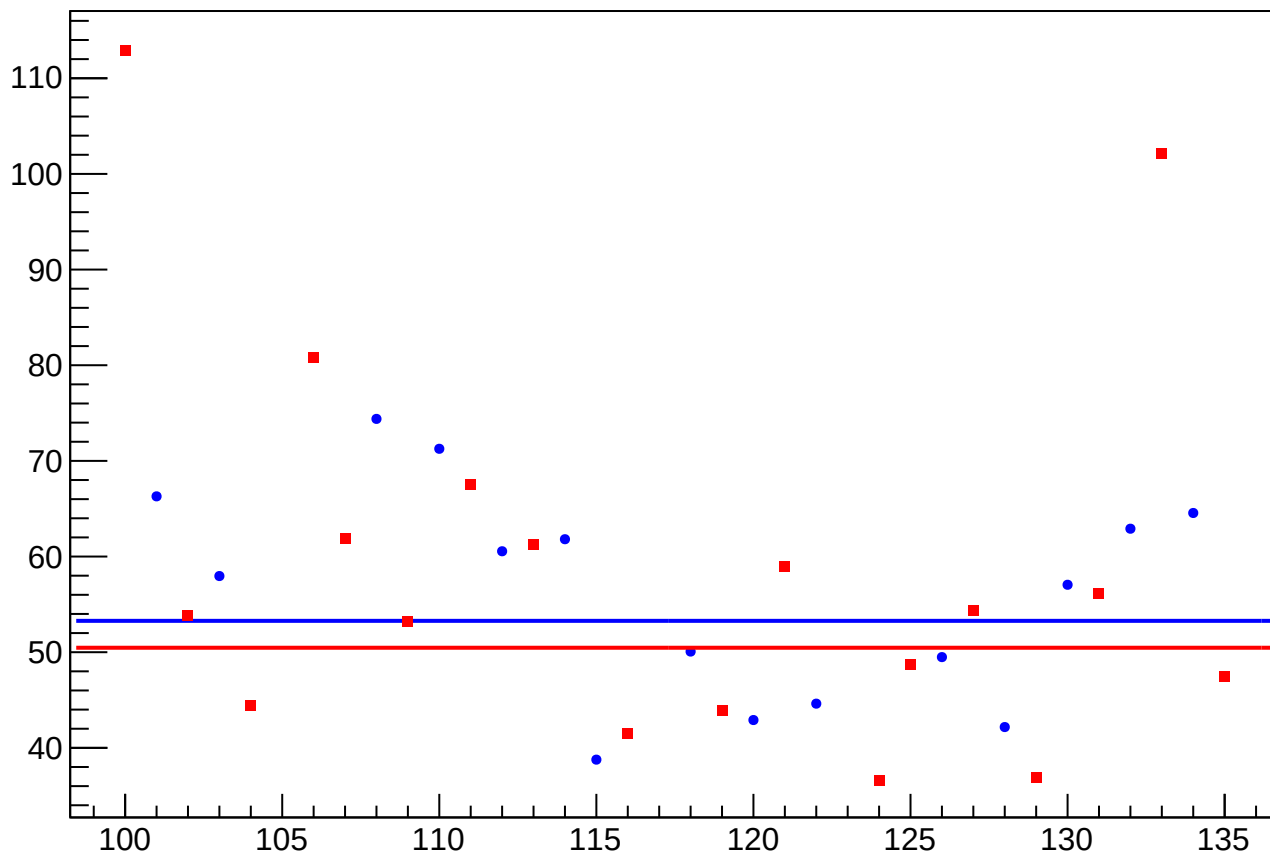
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.014 $\pm$ 0.015 χ^2/NDF : 23.9/32

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 53.278 $\pm$ 0.016 χ^2 /NDF: 400108.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 50.467 $\pm$ 0.014 χ^2 /NDF: 676430.6/17

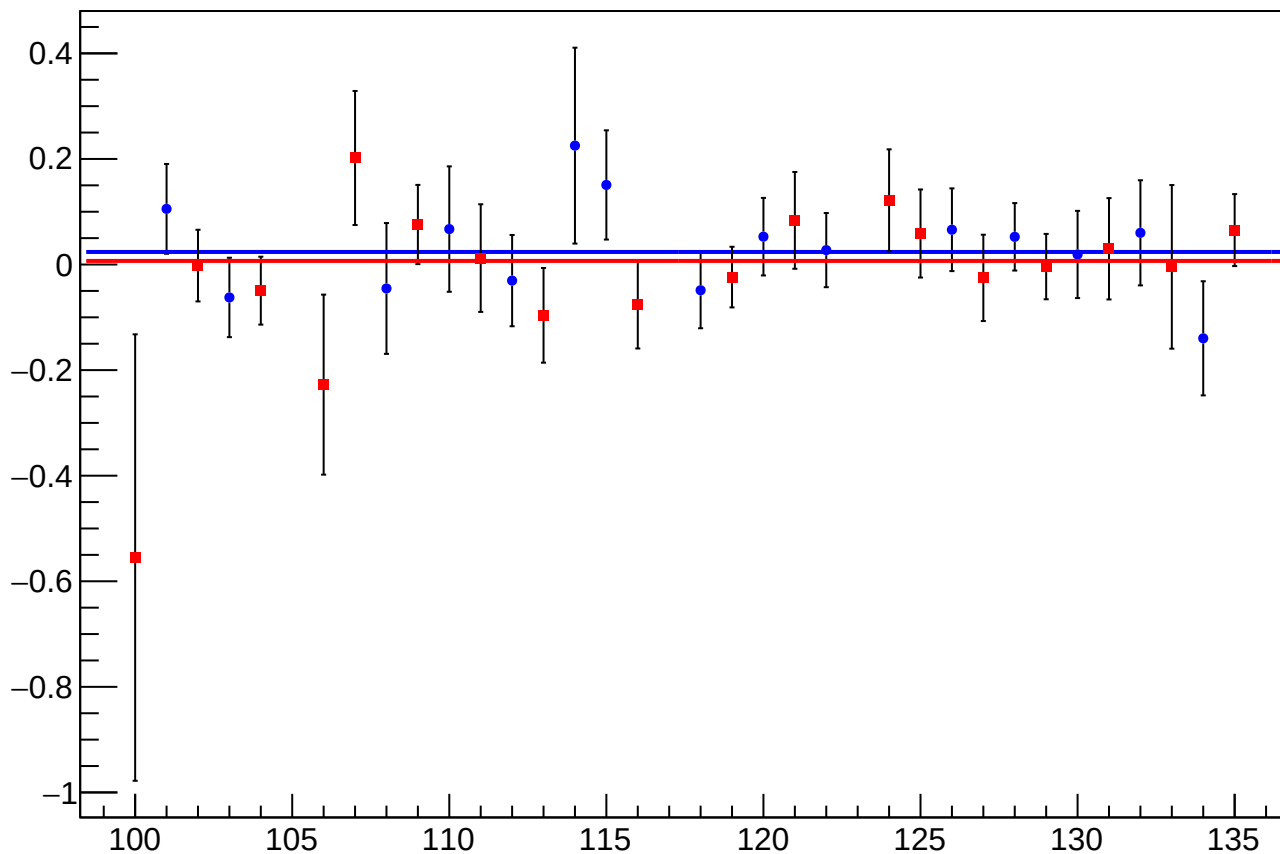
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.712 $\pm$ 0.010 χ^2 /NDF: 1094406.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.024 +/- 0.022 χ^2/NDF : 9.8/14

Left Out: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 +/- 0.020 χ^2/NDF : 13.7/17

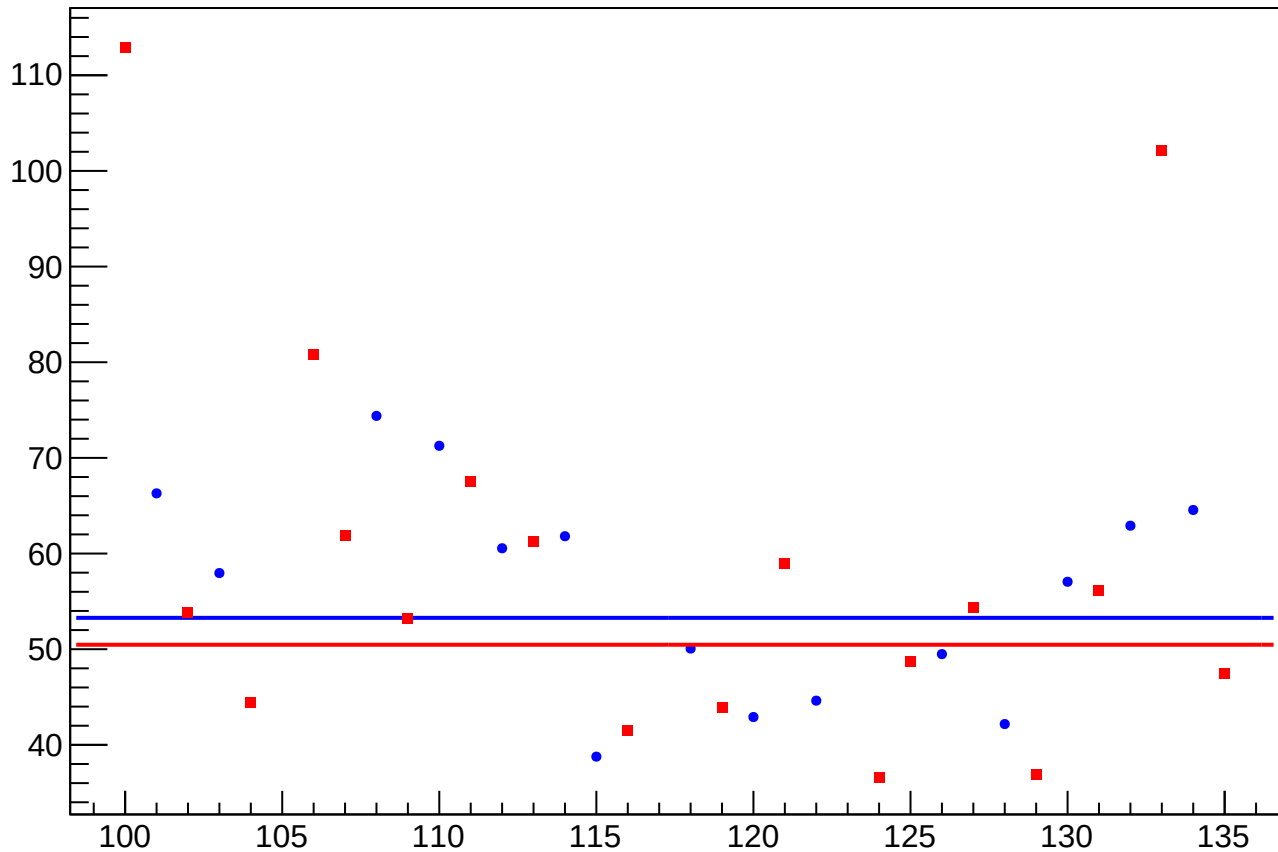
Left In: 0.000 +/- 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

All: 0.014 +/- 0.015 χ^2/NDF : 23.9/32

- sign 0.000 +/- 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 53.278+/-0.016 χ^2/NDF : 400108.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.467+/-0.014 χ^2/NDF : 676430.6/17

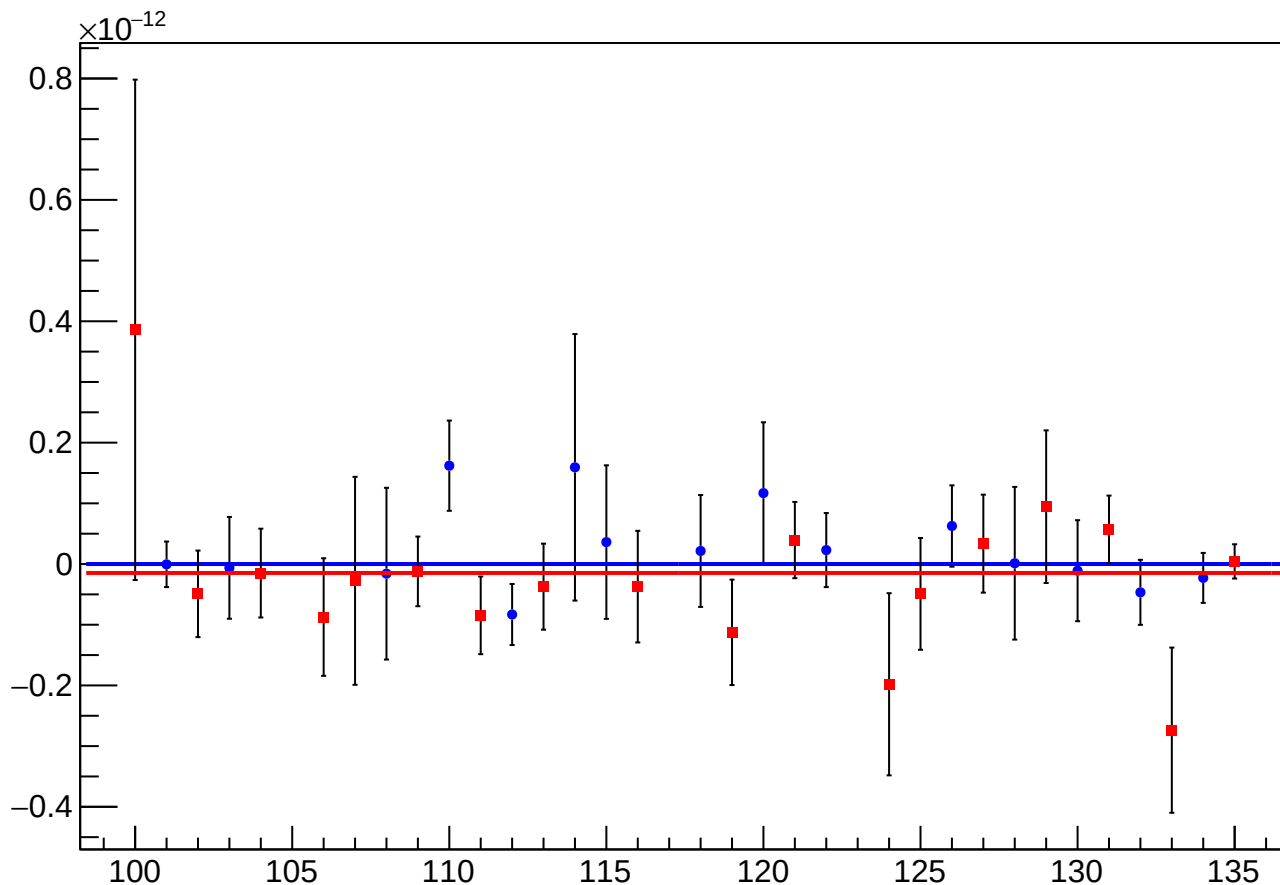
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 51.712+/-0.010 χ^2/NDF : 1094406.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 ± 0.000 χ^2/NDF : 11.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.000 ± 0.000 χ^2/NDF : 13.6/17

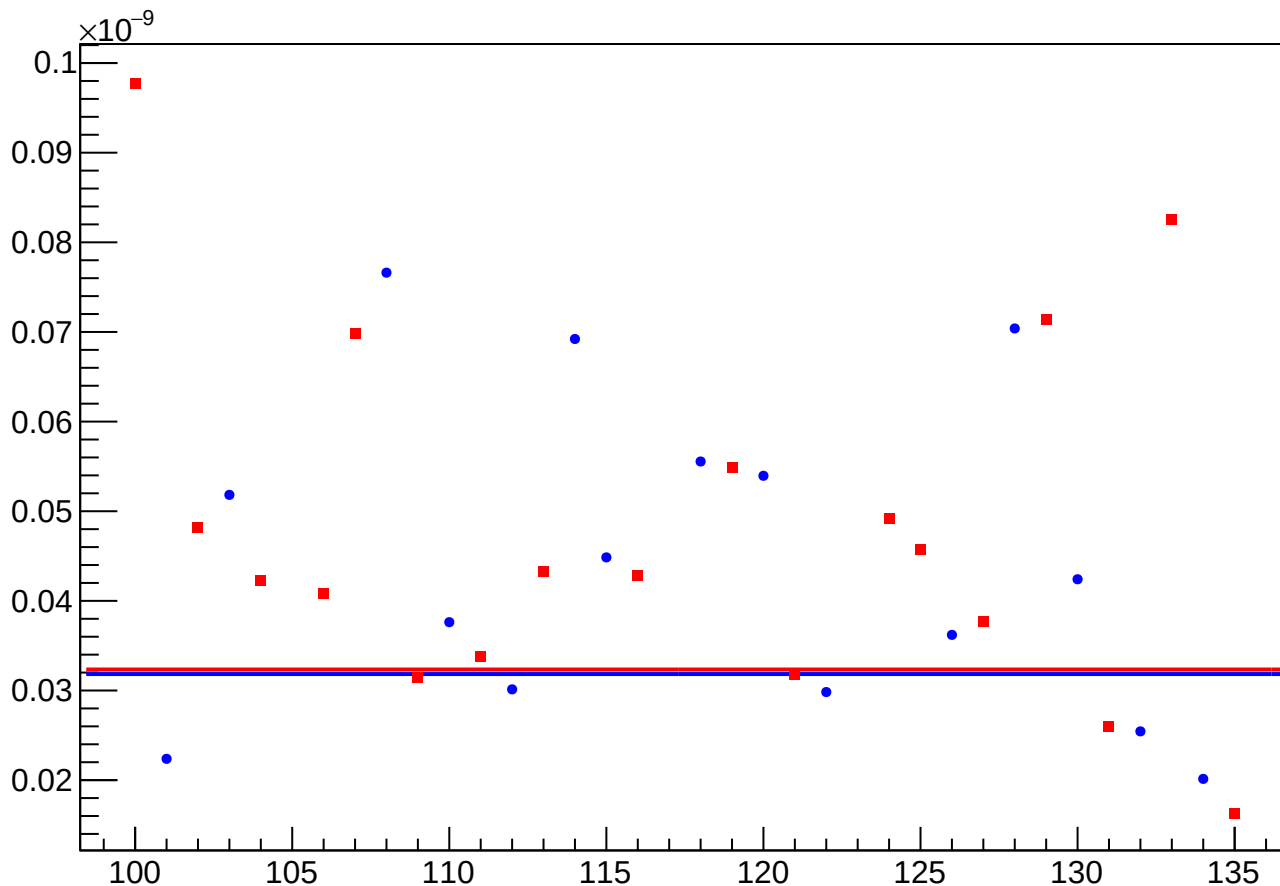
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.000 ± 0.000 χ^2/NDF : 25.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_2468_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1159486.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1723377.3/17

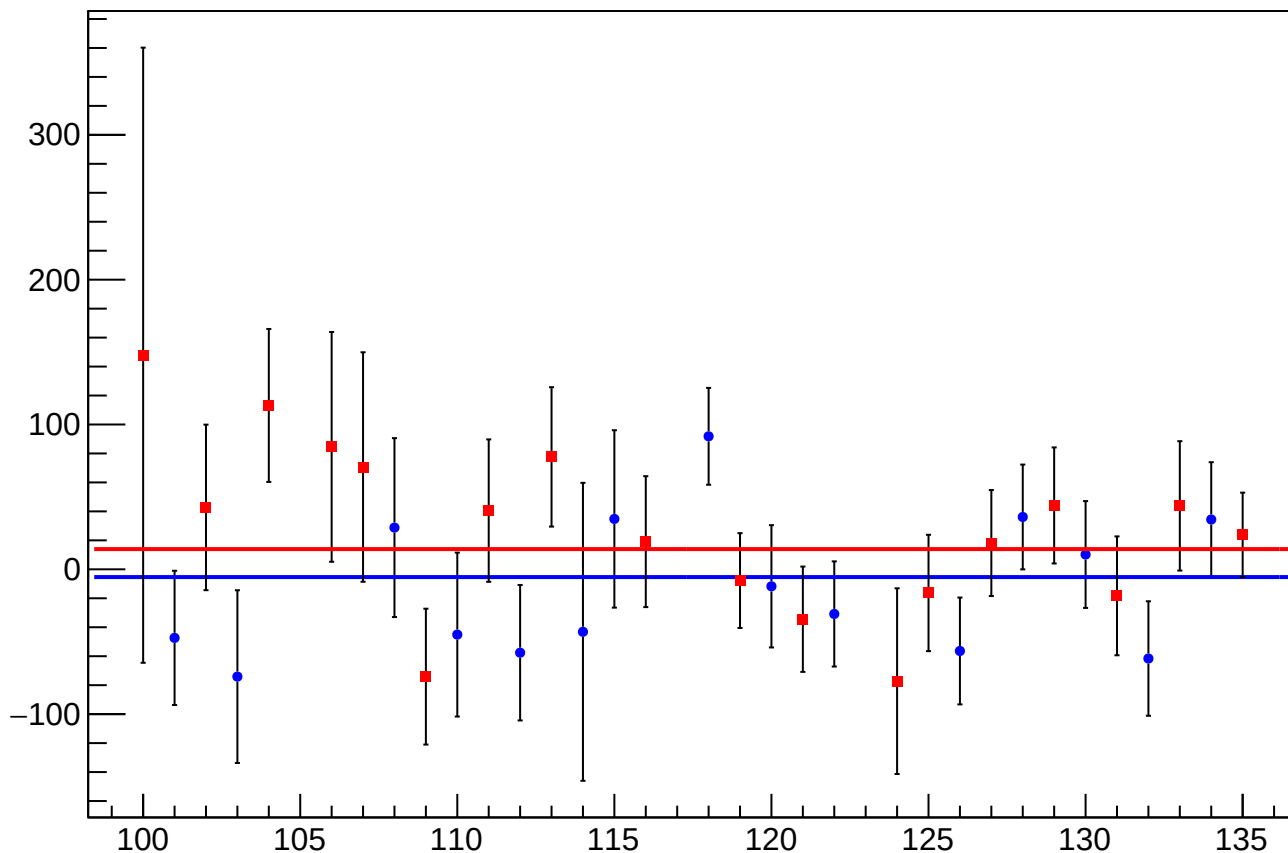
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2883783.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.359+/-11.276 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.963+/-10.547 χ^2/NDF : 17.6/17

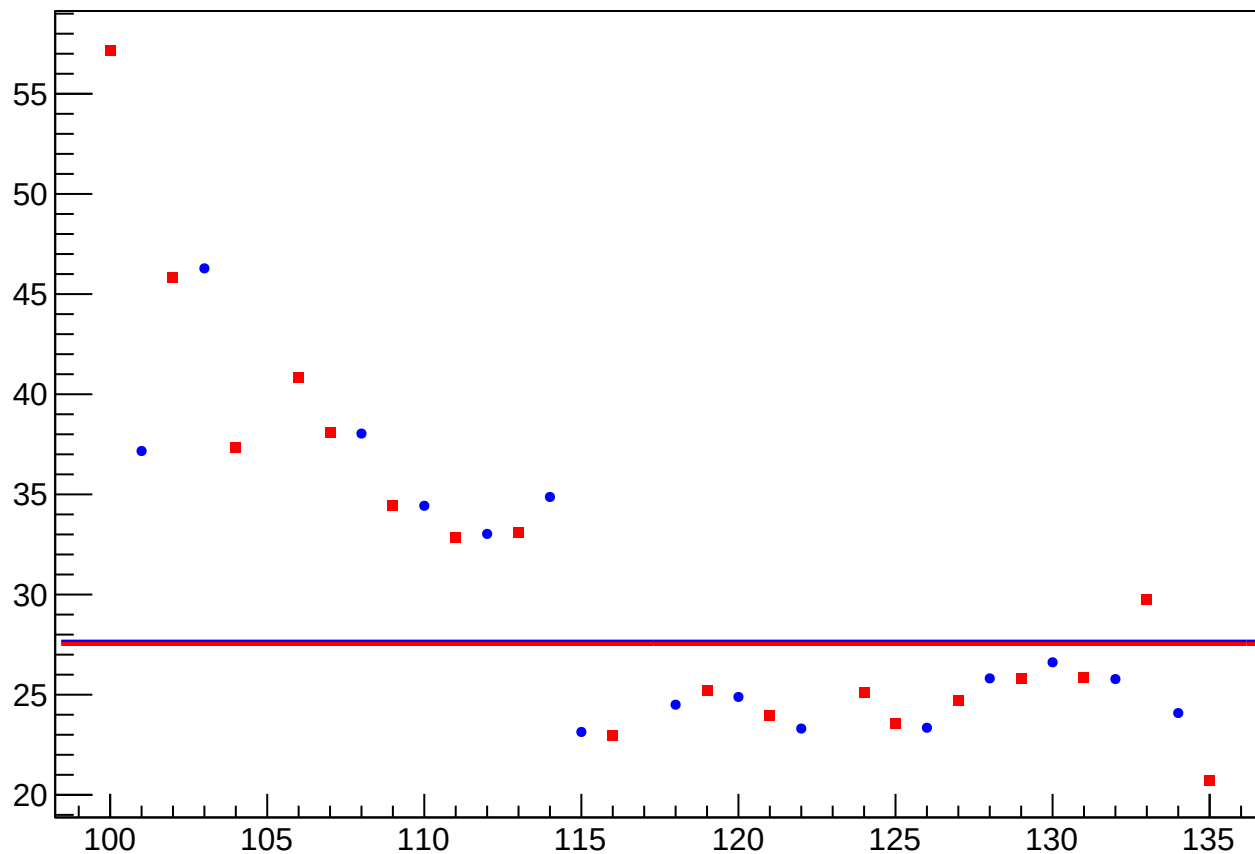
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.947+/-7.703 χ^2/NDF : 39.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_rms vs Slug



Right In: 27.649+/-0.008 χ^2/NDF : 521482.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 27.531+/-0.007 χ^2/NDF : 704329.1/17

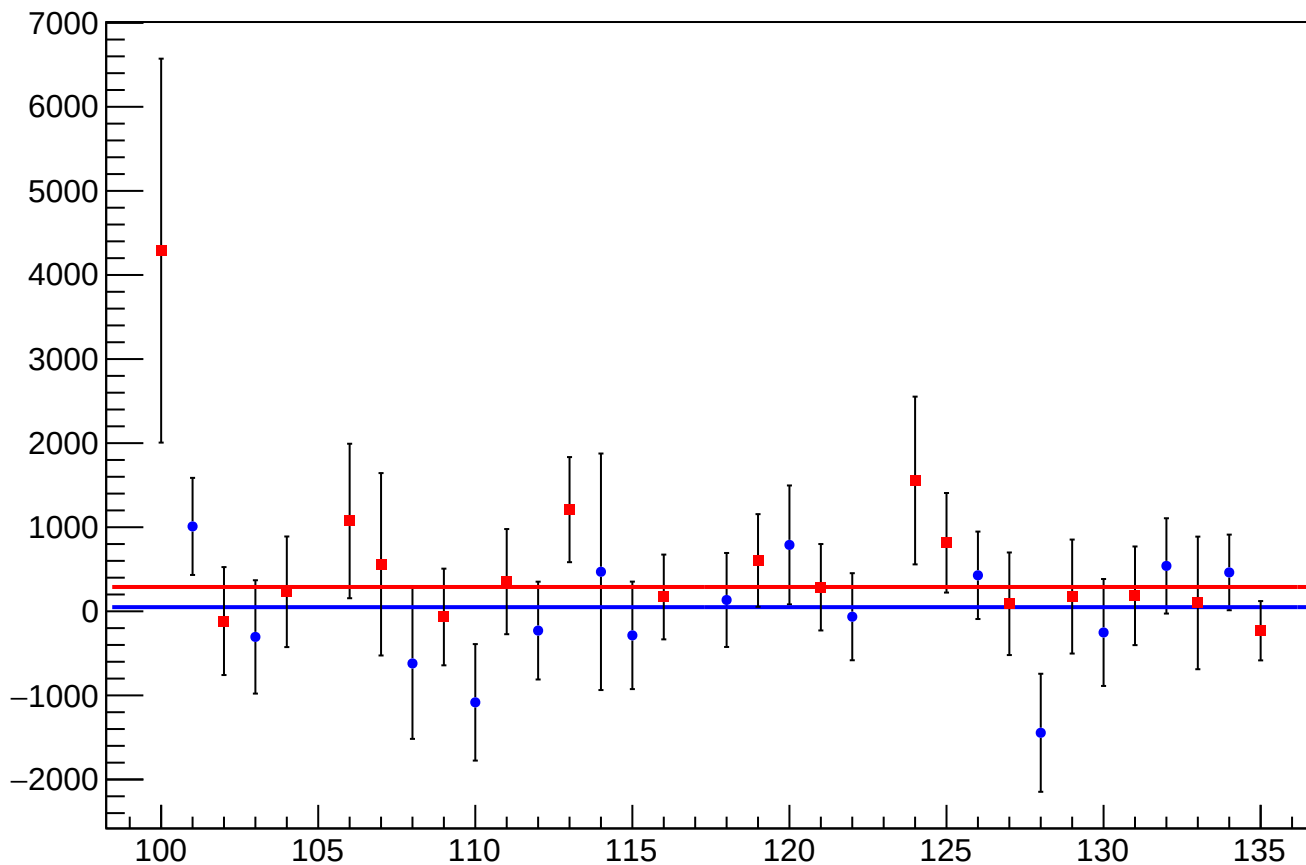
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 27.586+/-0.005 χ^2/NDF : 1225928.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_reg_correction_mean vs Slug



Right In: 49.518 $\pm$ 158.846 χ^2 /NDF: 14.9/14

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

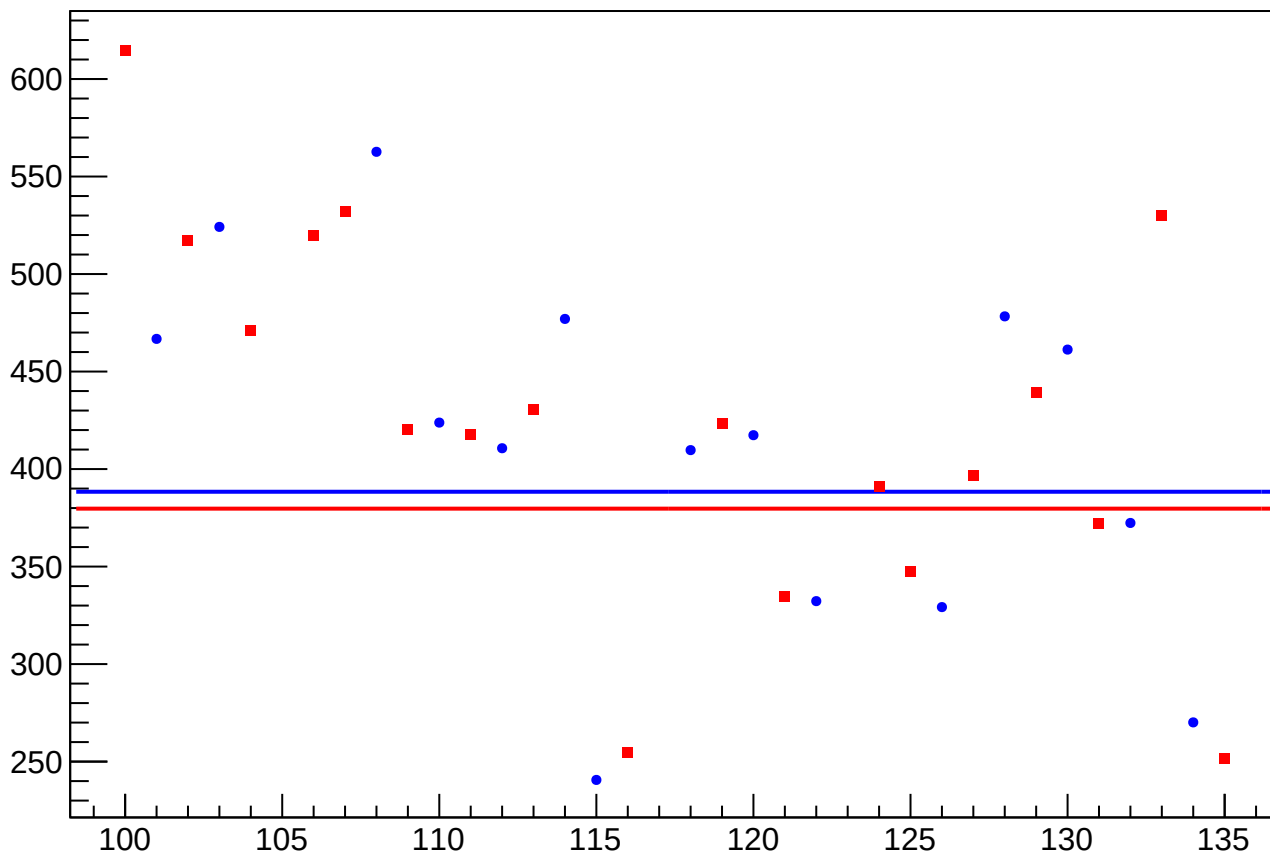
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 180.146 $\pm$ 107.190 χ^2 /NDF: 28.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_correction_rms vs Slug



Right In: 388.367+/-0.112 χ^2/NDF : 571277.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 379.704+/-0.103 χ^2/NDF : 778131.0/17

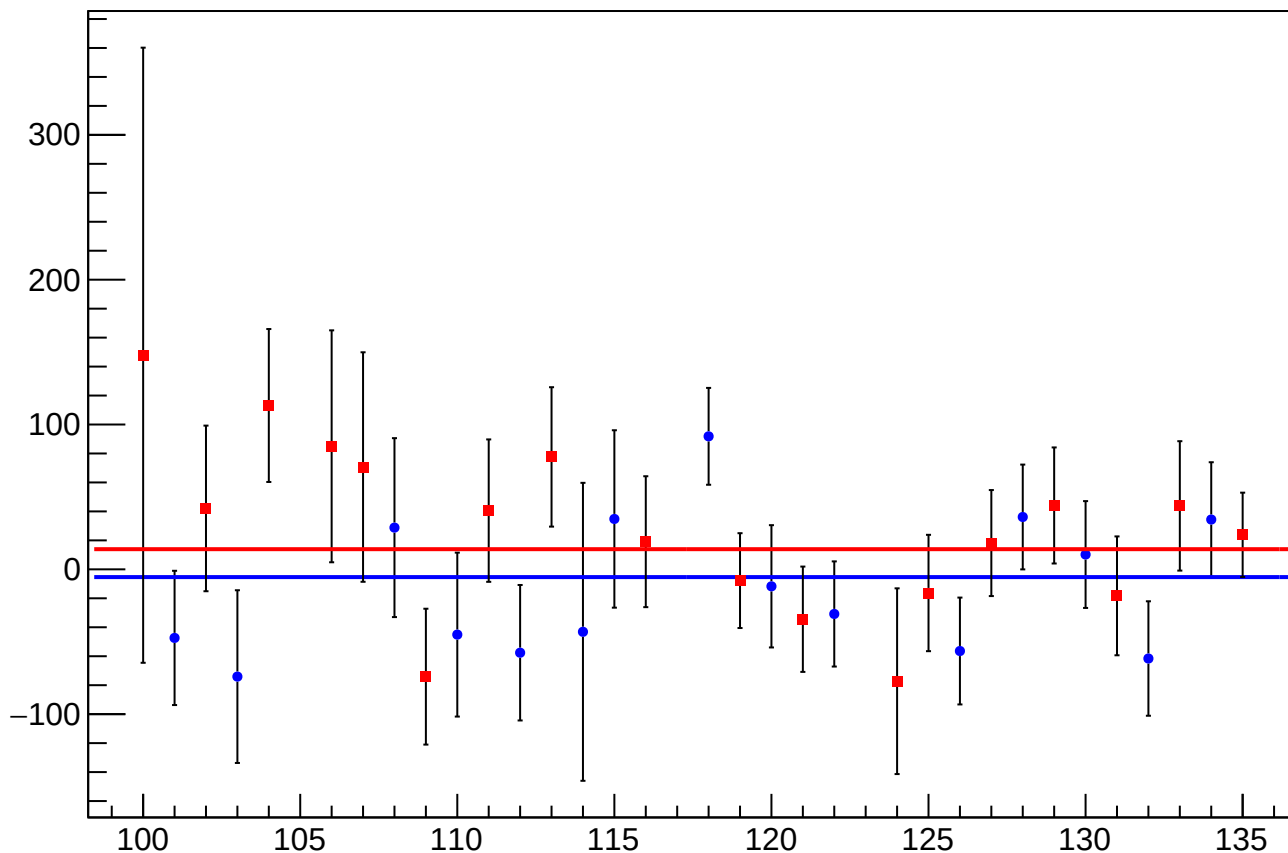
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.649+/-0.076 χ^2/NDF : 1352648.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.920+/-10.549 χ^2/NDF : 17.6/17

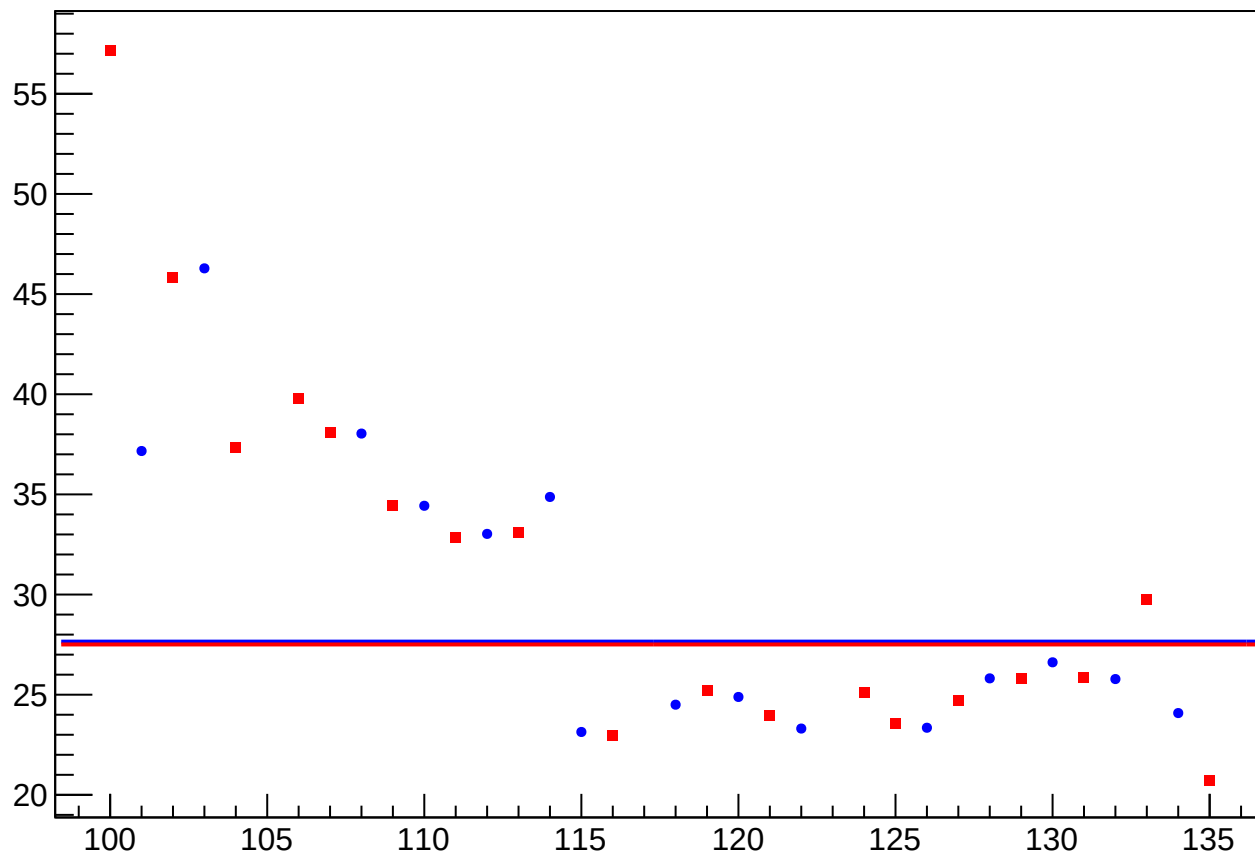
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.923+/-7.703 χ^2/NDF : 39.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 27.649 $\pm$ 0.008 χ^2 /NDF: 521485.4/14

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

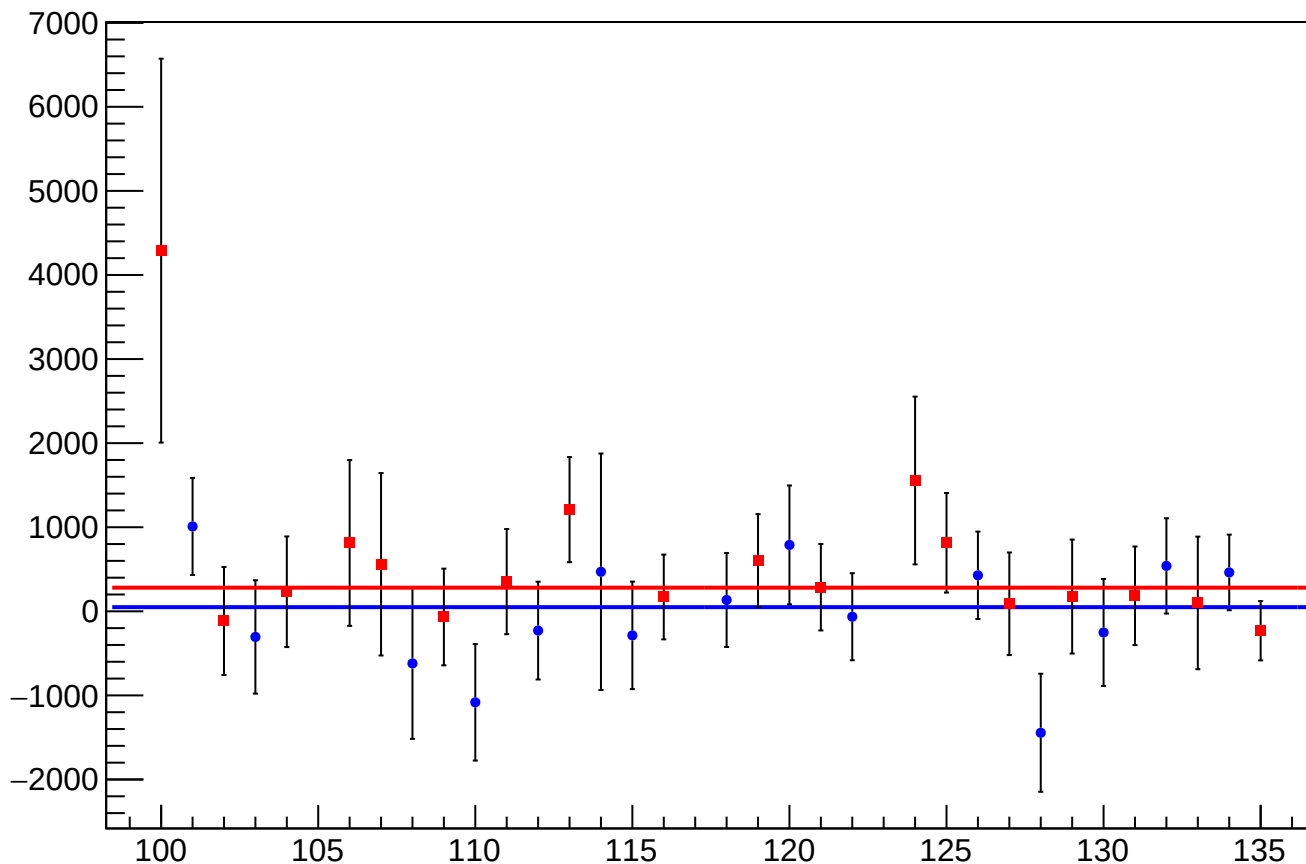
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.574 $\pm$ 0.005 χ^2 /NDF: 1216556.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_mean vs Slug



Right In: 49.508 $\pm$ 158.846 χ^2 /NDF: 14.9/14

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

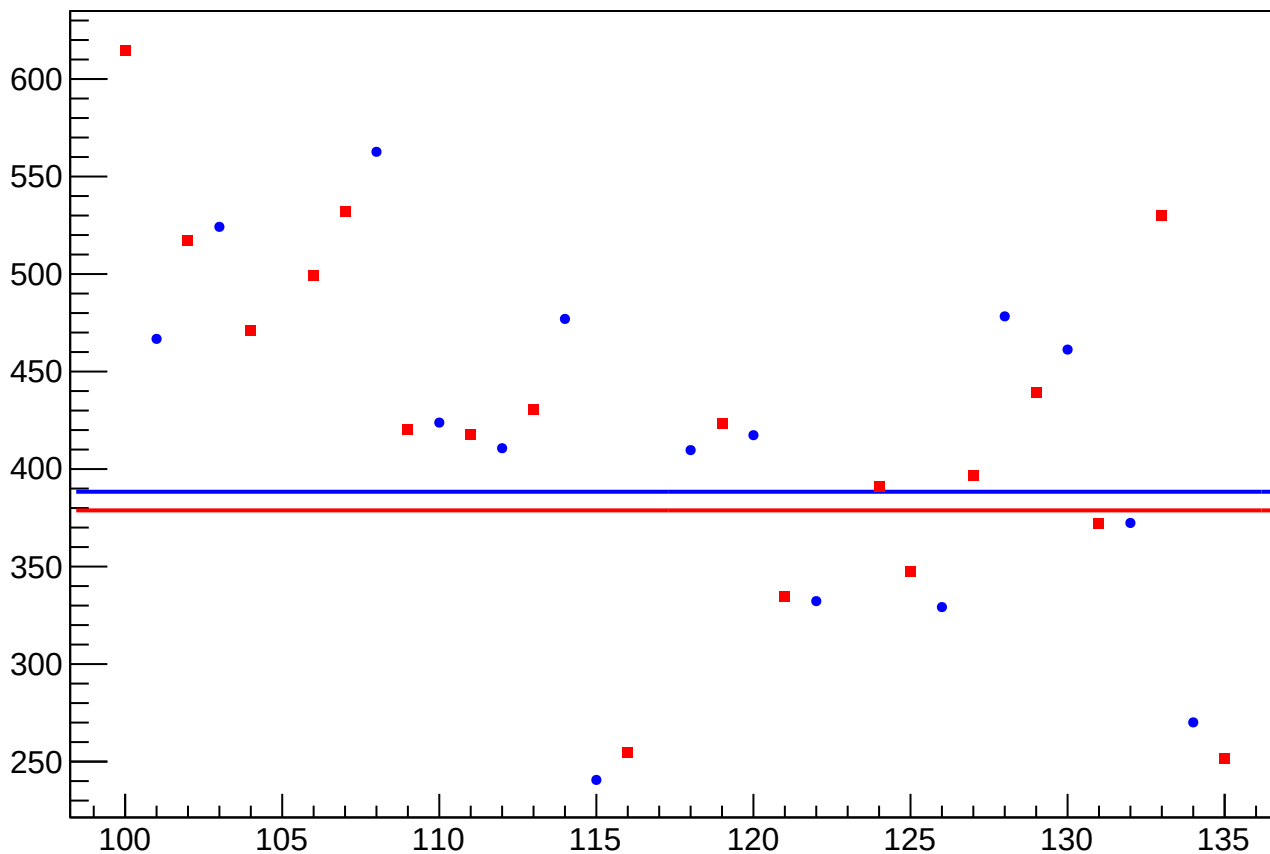
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 175.493 $\pm$ 107.288 χ^2 /NDF: 27.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_cor_correction_rms vs Slug



Right In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.805+/-0.103 χ^2/NDF : 761281.4/17

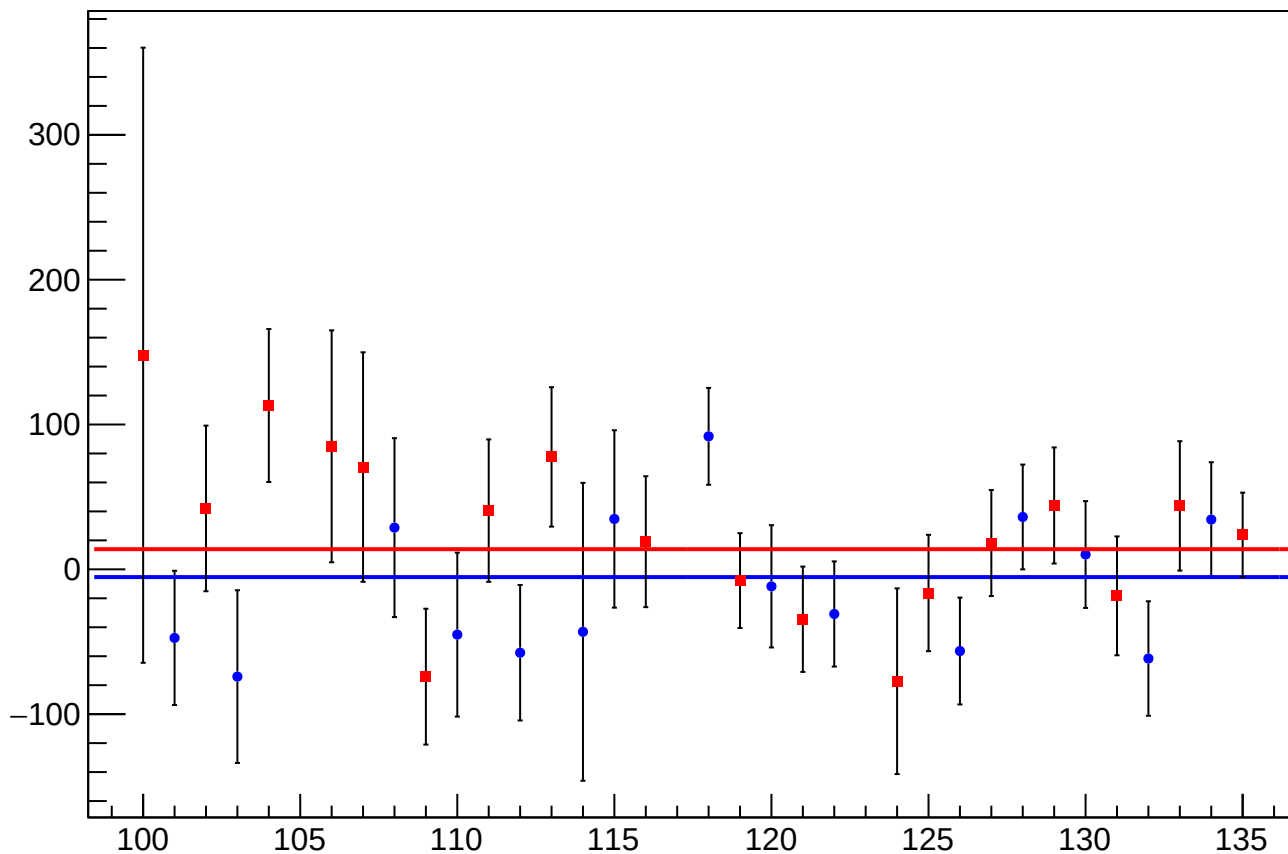
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.167+/-0.076 χ^2/NDF : 1336525.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_mean vs Slug



Right In: -5.356+/-11.276 χ^2/NDF : 20.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 13.920+/-10.549 χ^2/NDF : 17.6/17

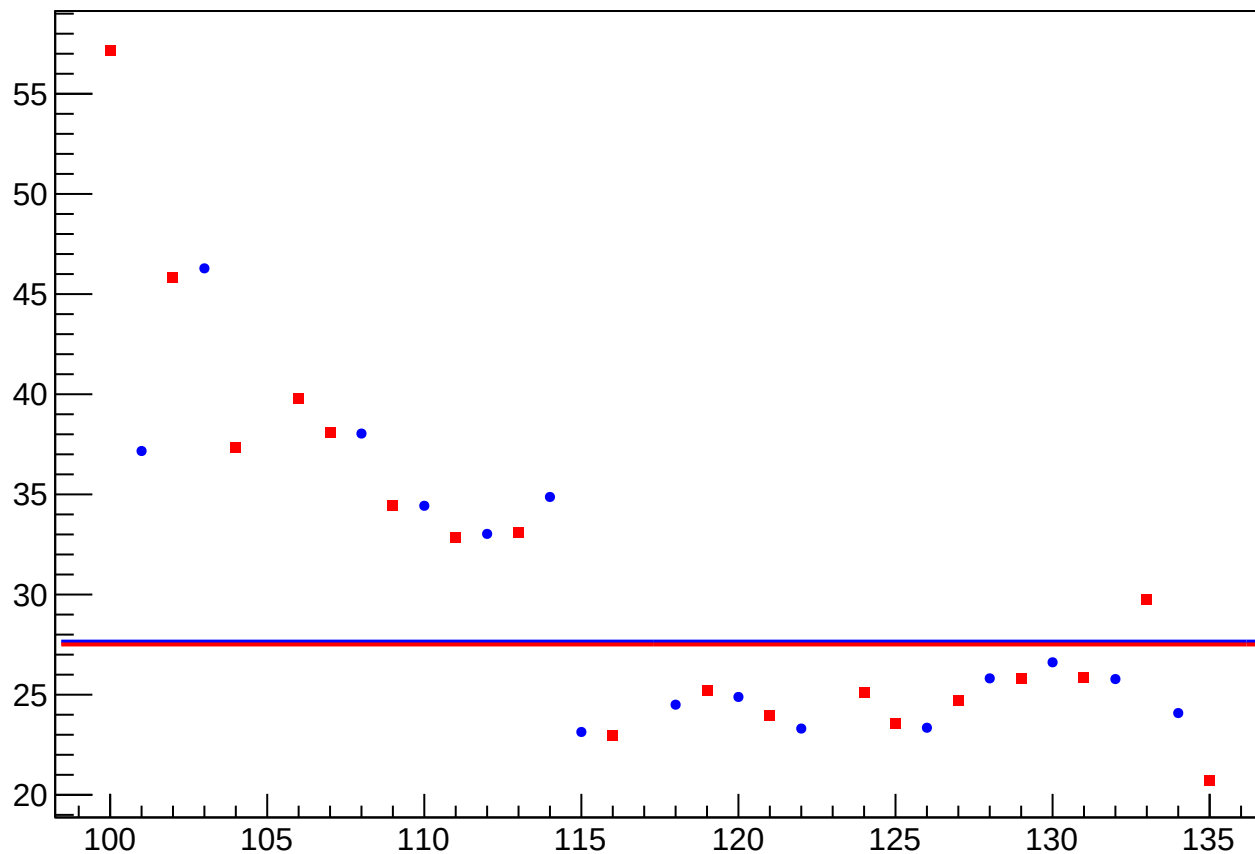
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.923+/-7.703 χ^2/NDF : 39.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_cor_asym_sam_1357_2468_dd_rms vs Slug



Right In: 27.649 $\pm$ 0.008 χ^2 /NDF: 521485.4/14

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

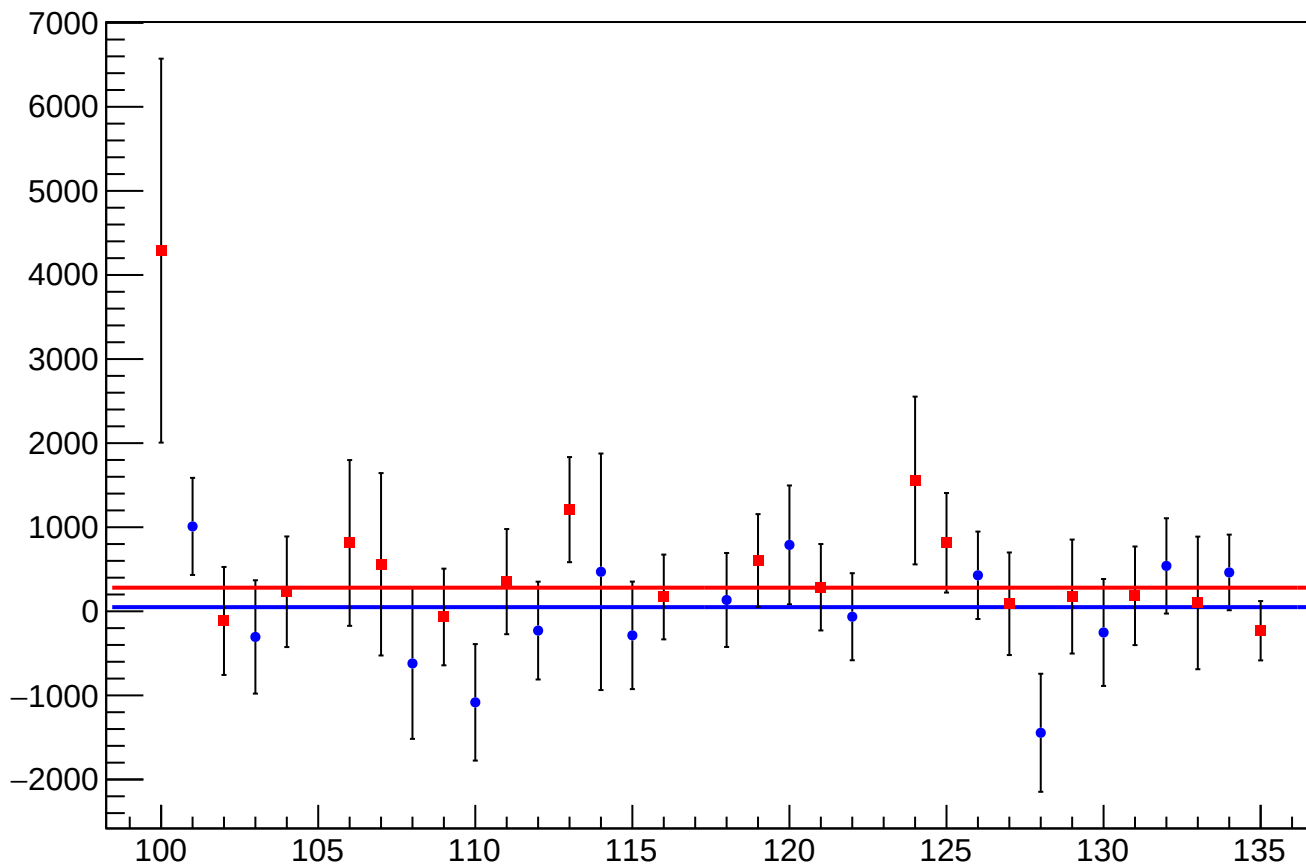
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.574 $\pm$ 0.005 χ^2 /NDF: 1216556.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_mean vs Slug



Right In: 49.508 $\pm$ 158.846 χ^2 /NDF: 14.9/14

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

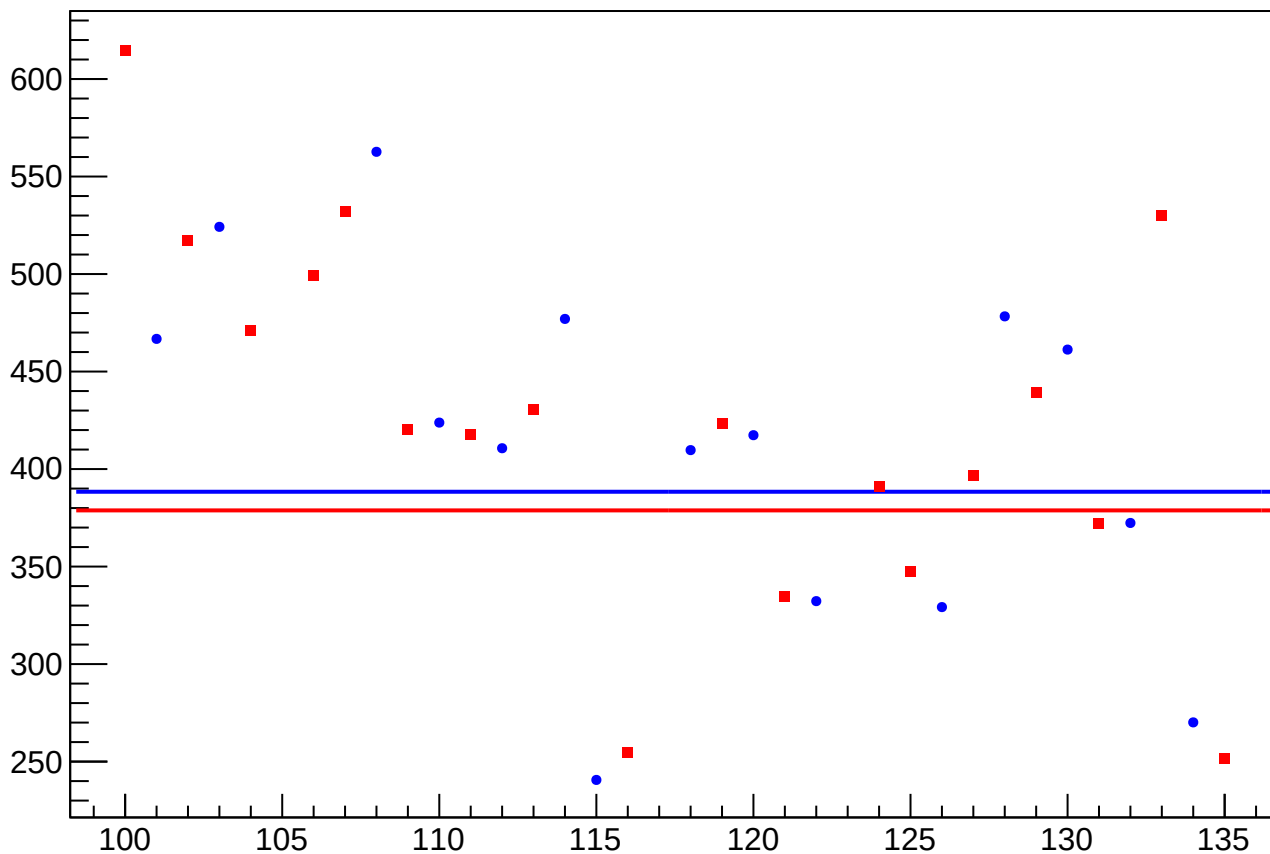
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 175.493 $\pm$ 107.288 χ^2 /NDF: 27.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_correction_rms vs Slug



Right In: 388.368+/-0.112 χ^2/NDF : 571302.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 378.805+/-0.103 χ^2/NDF : 761281.4/17

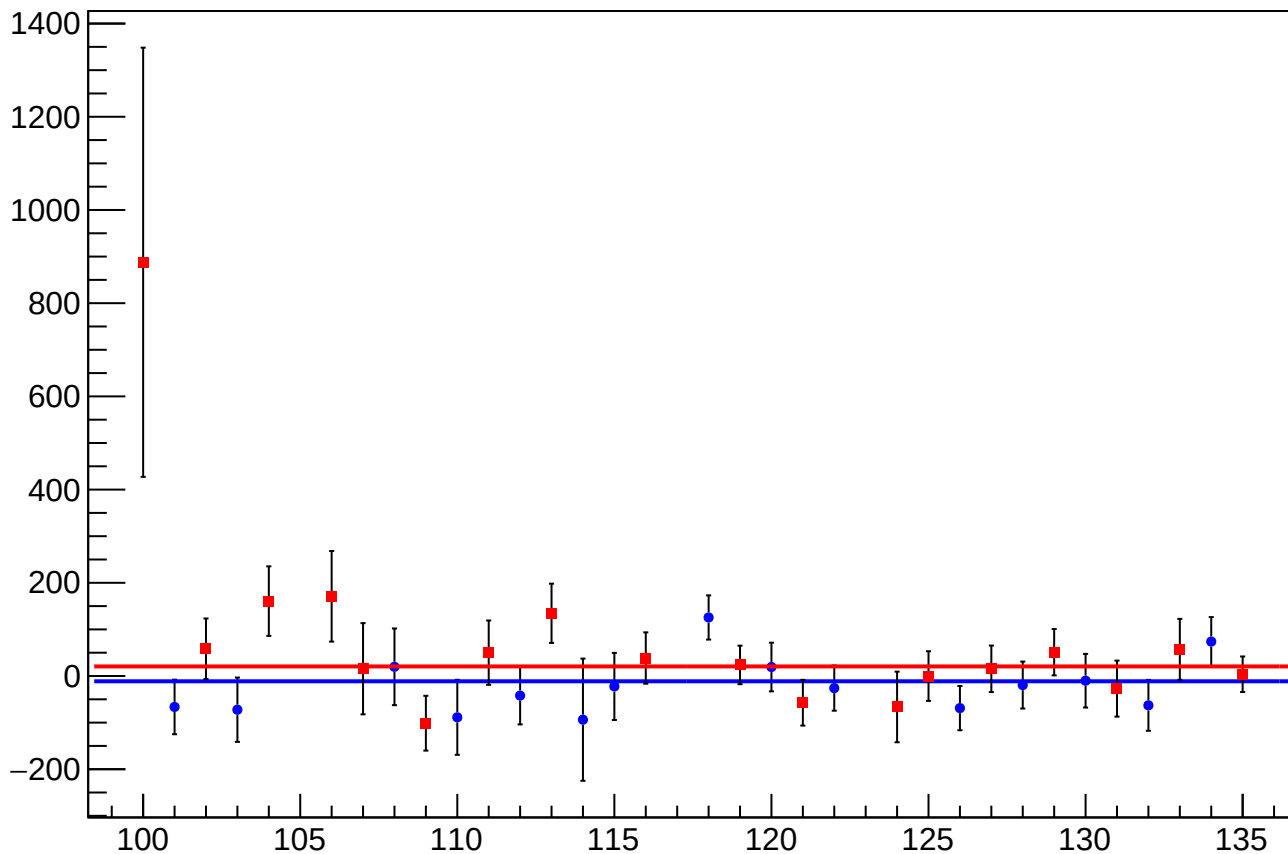
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 383.167+/-0.076 χ^2/NDF : 1336525.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.571 ± 13.814 χ^2/NDF : 23.1/17

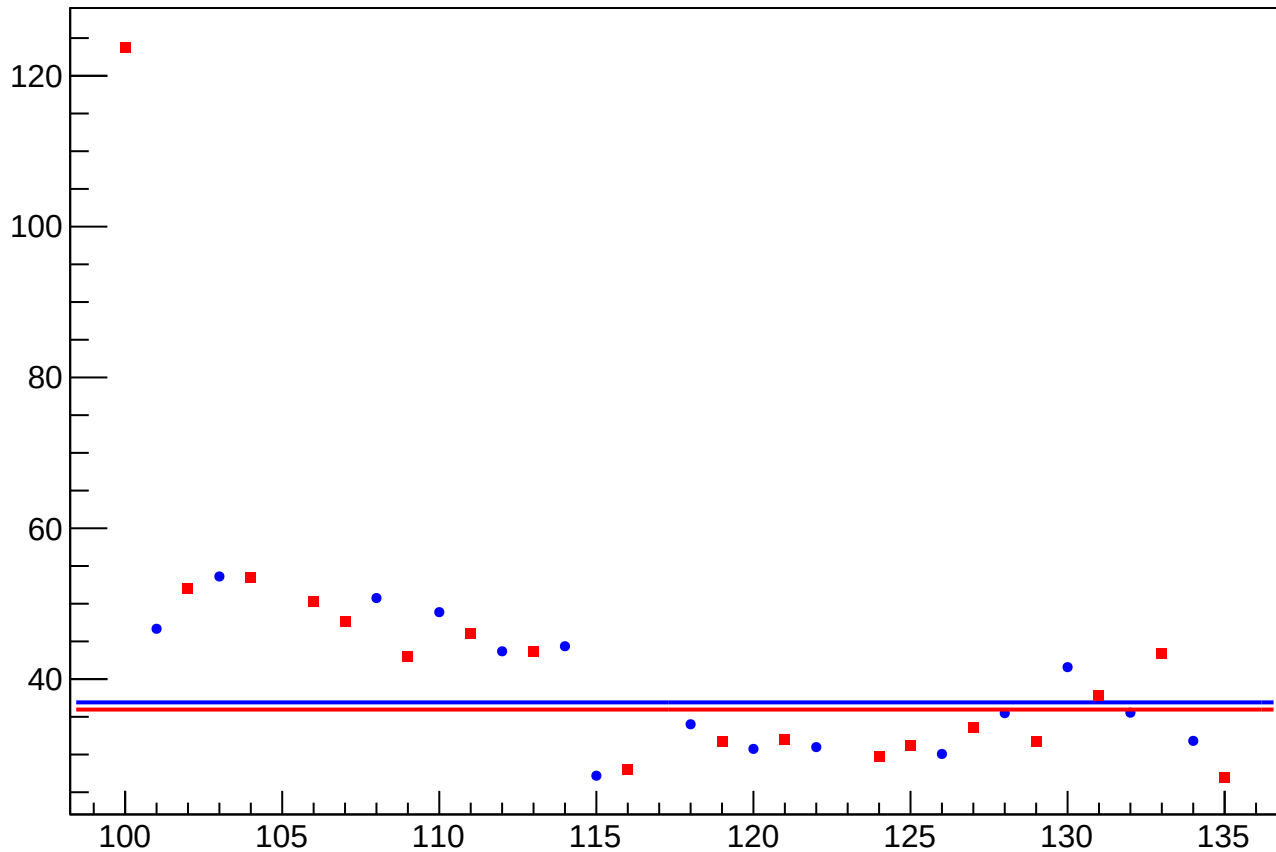
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.033 ± 10.190 χ^2/NDF : 42.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 36.914 $\pm$ 0.011 χ^2 /NDF: 482062.5/14

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

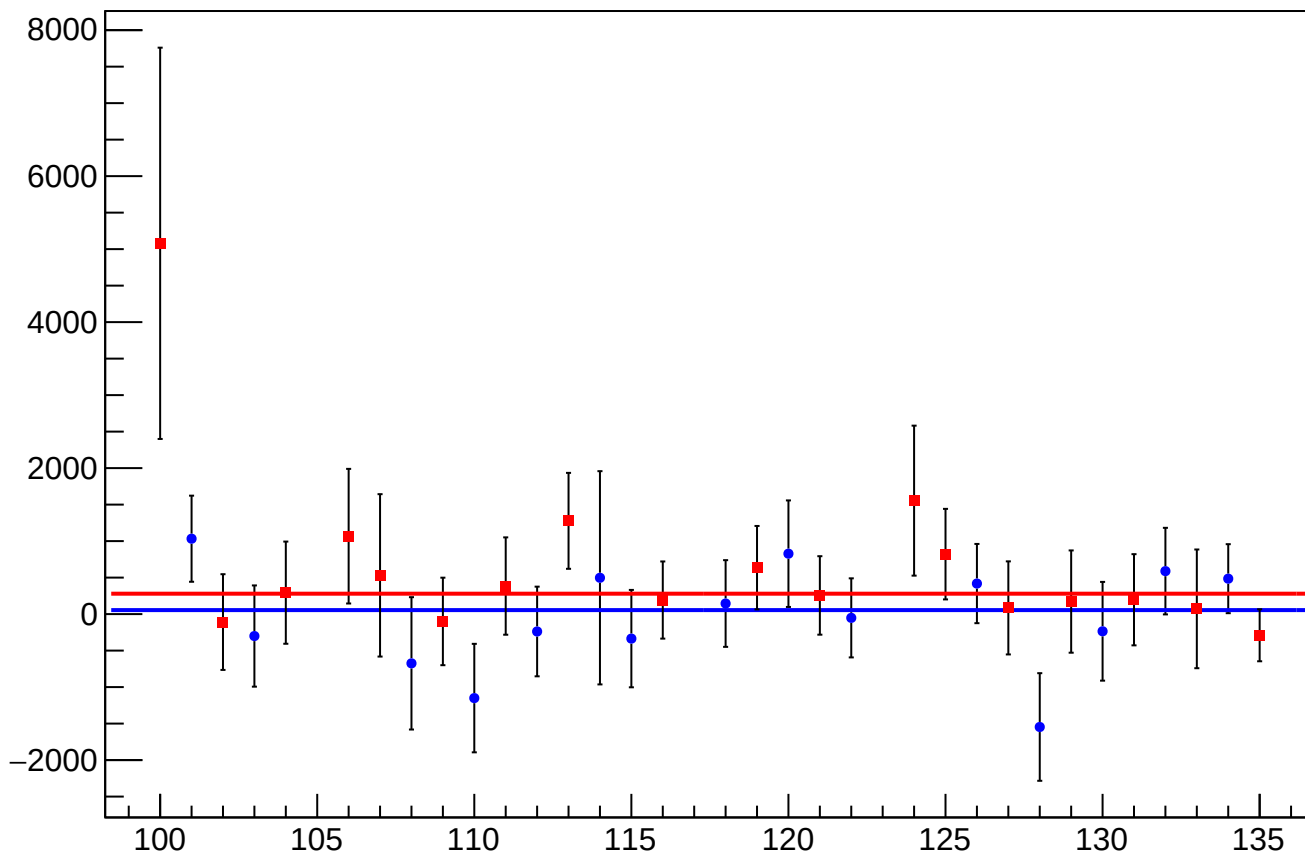
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.397 $\pm$ 0.007 χ^2 /NDF: 1229851.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_mean vs Slug



Right In: 54.700 $\pm$ 166.190 χ^2 /NDF: 15.1/14

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

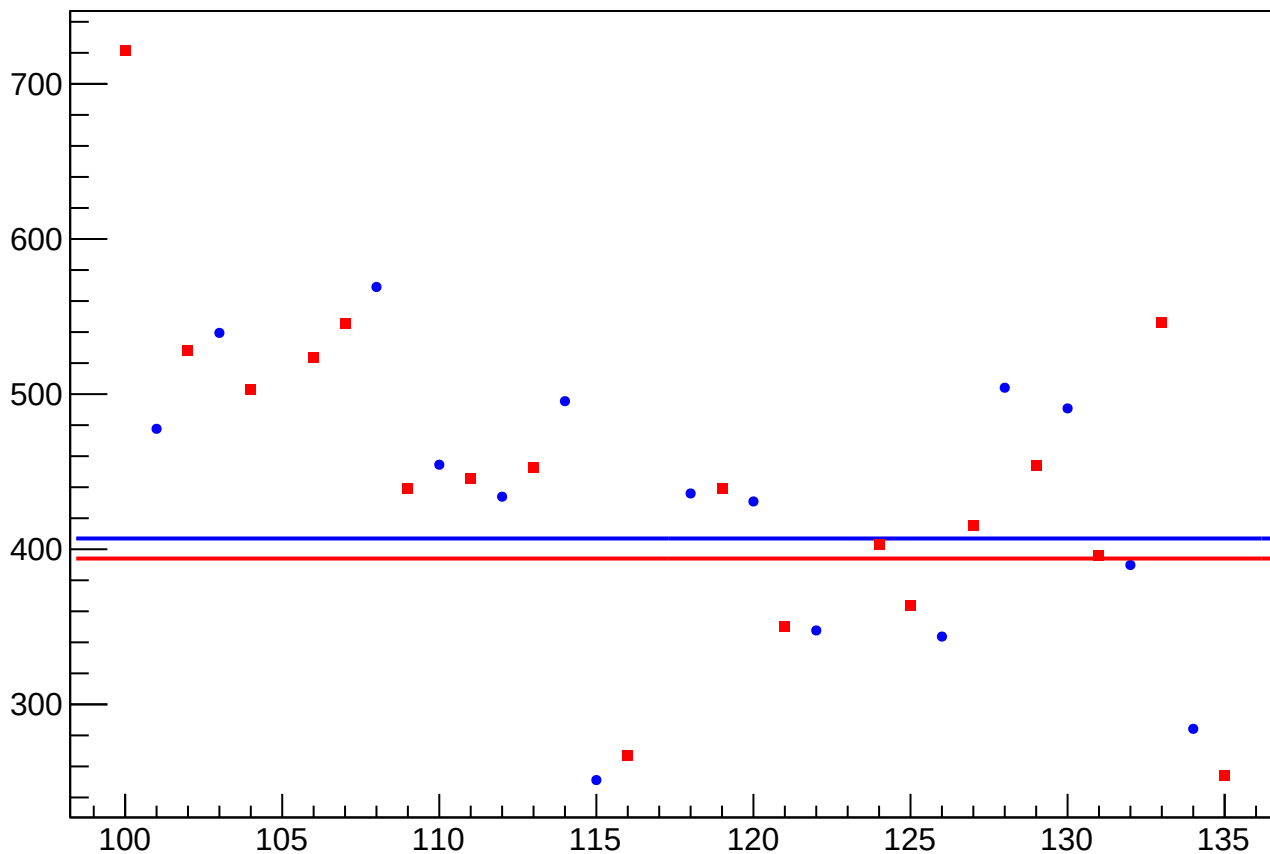
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 177.981 $\pm$ 111.694 χ^2 /NDF: 28.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_correction_rms vs Slug



Right In: 406.943+/-0.118 χ^2/NDF : 554073.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

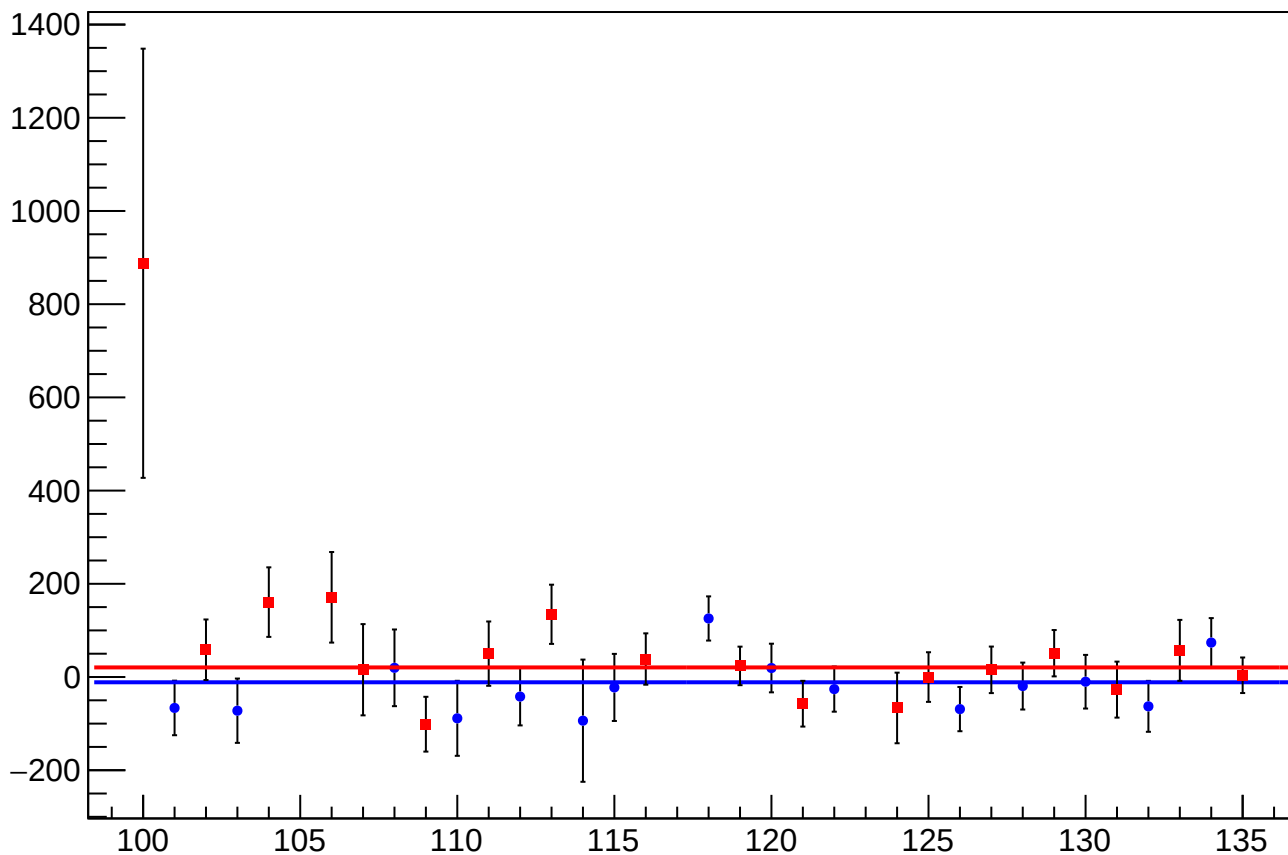
Right Out: 394.021+/-0.107 χ^2/NDF : 818722.9/17

All: 399.858+/-0.079 χ^2/NDF : 1379425.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_mean vs Slug



Right In: -11.316 ± 15.091 χ^2/NDF : 17.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 20.571 ± 13.814 χ^2/NDF : 23.1/17

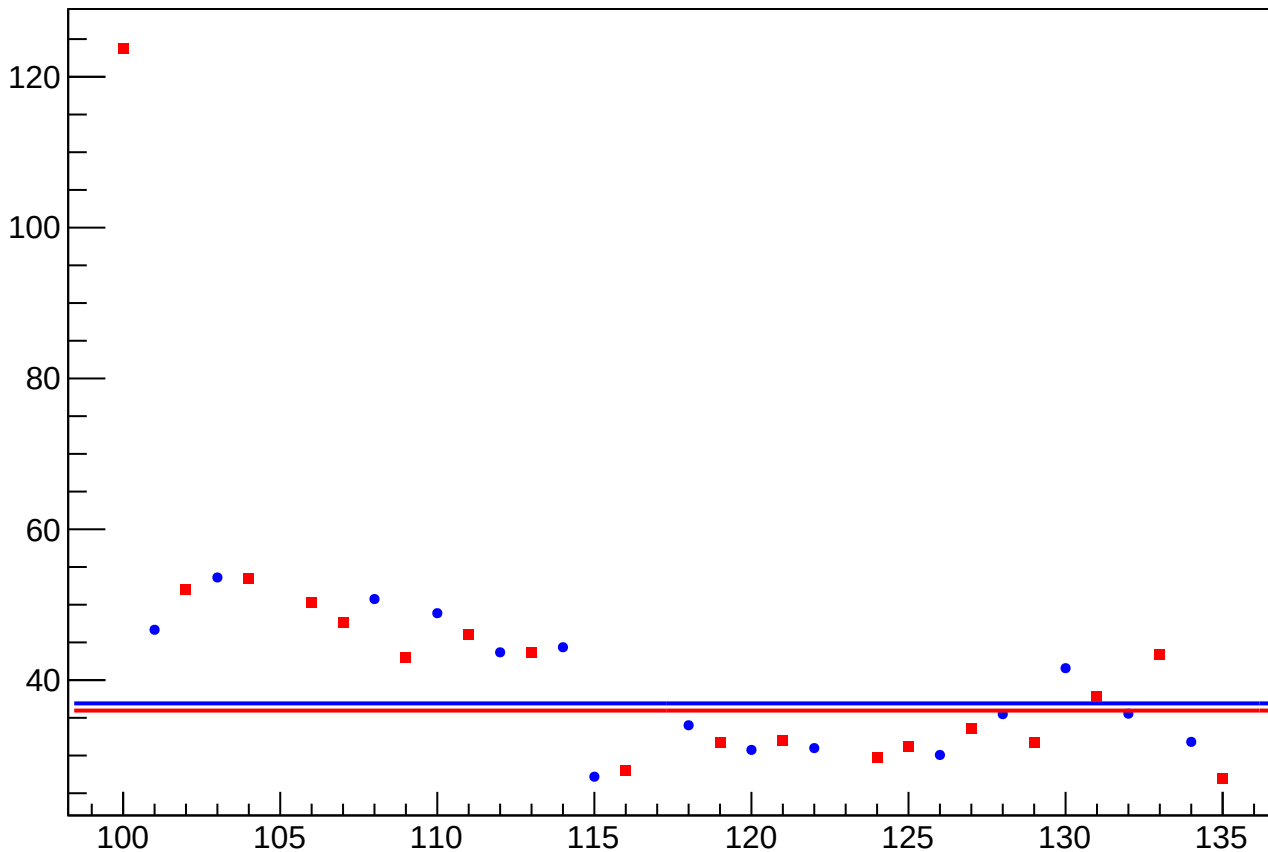
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 6.033 ± 10.190 χ^2/NDF : 42.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_1357_2468_dd_rms vs Slug



Right In: 36.914 $\pm$ 0.011 χ^2 /NDF: 482024.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 35.963 $\pm$ 0.010 χ^2 /NDF: 743439.4/17

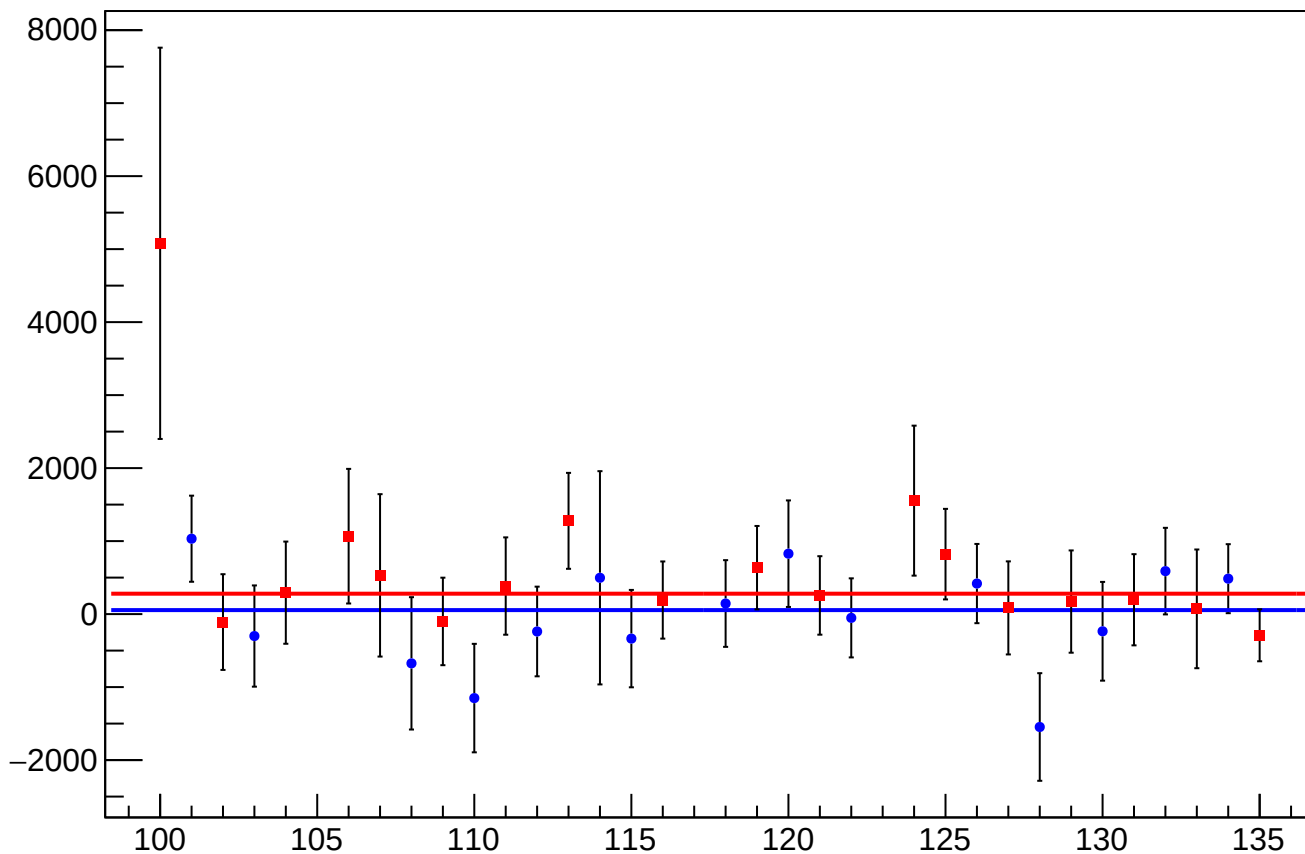
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 36.397 $\pm$ 0.007 χ^2 /NDF: 1229780.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_mean vs Slug



Right In: 54.699+/-166.189 χ^2/NDF : 15.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 279.542+/-150.841 χ^2/NDF : 12.6/17

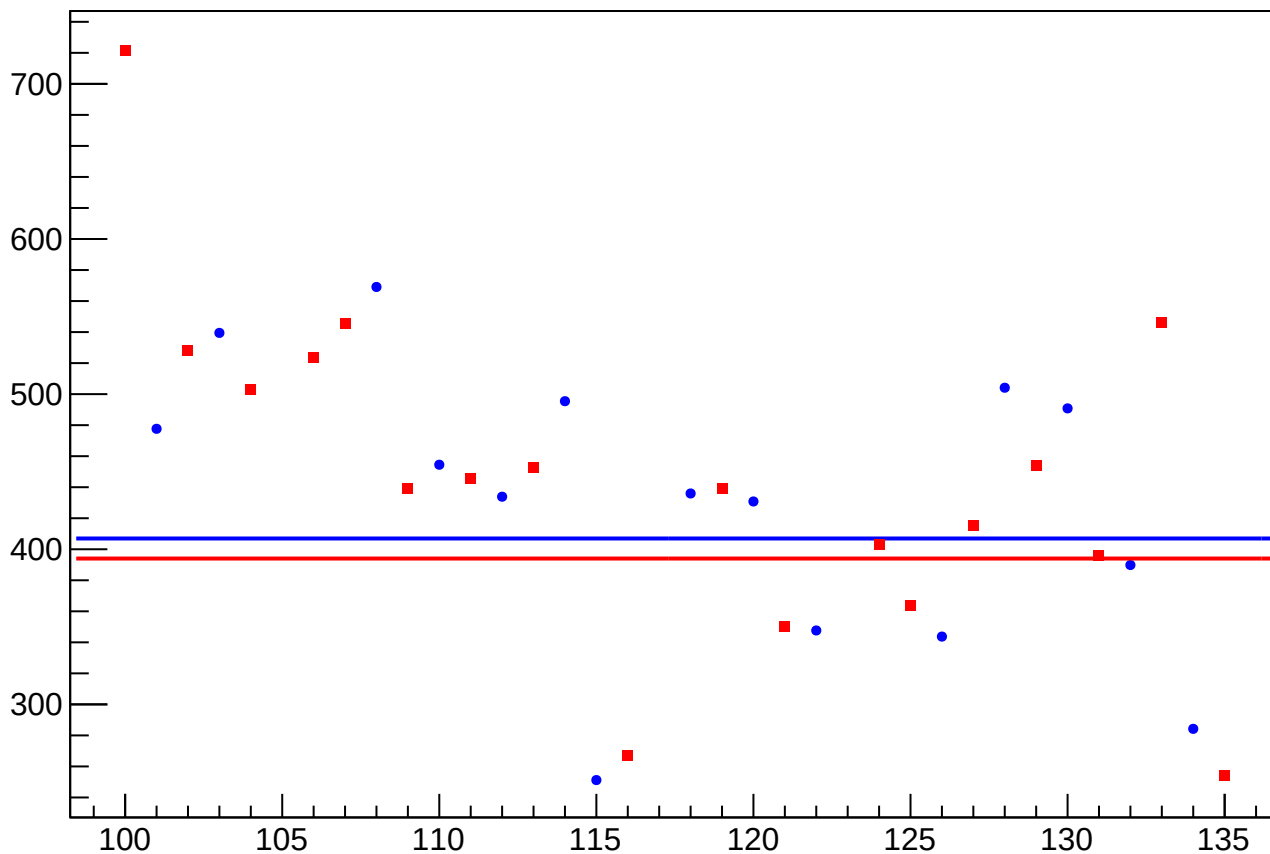
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 177.980+/-111.693 χ^2/NDF : 28.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_correction_rms vs Slug



Right In: 406.942 $\pm$ 0.118 χ^2 /NDF: 554063.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 394.020 $\pm$ 0.107 χ^2 /NDF: 818718.4/17

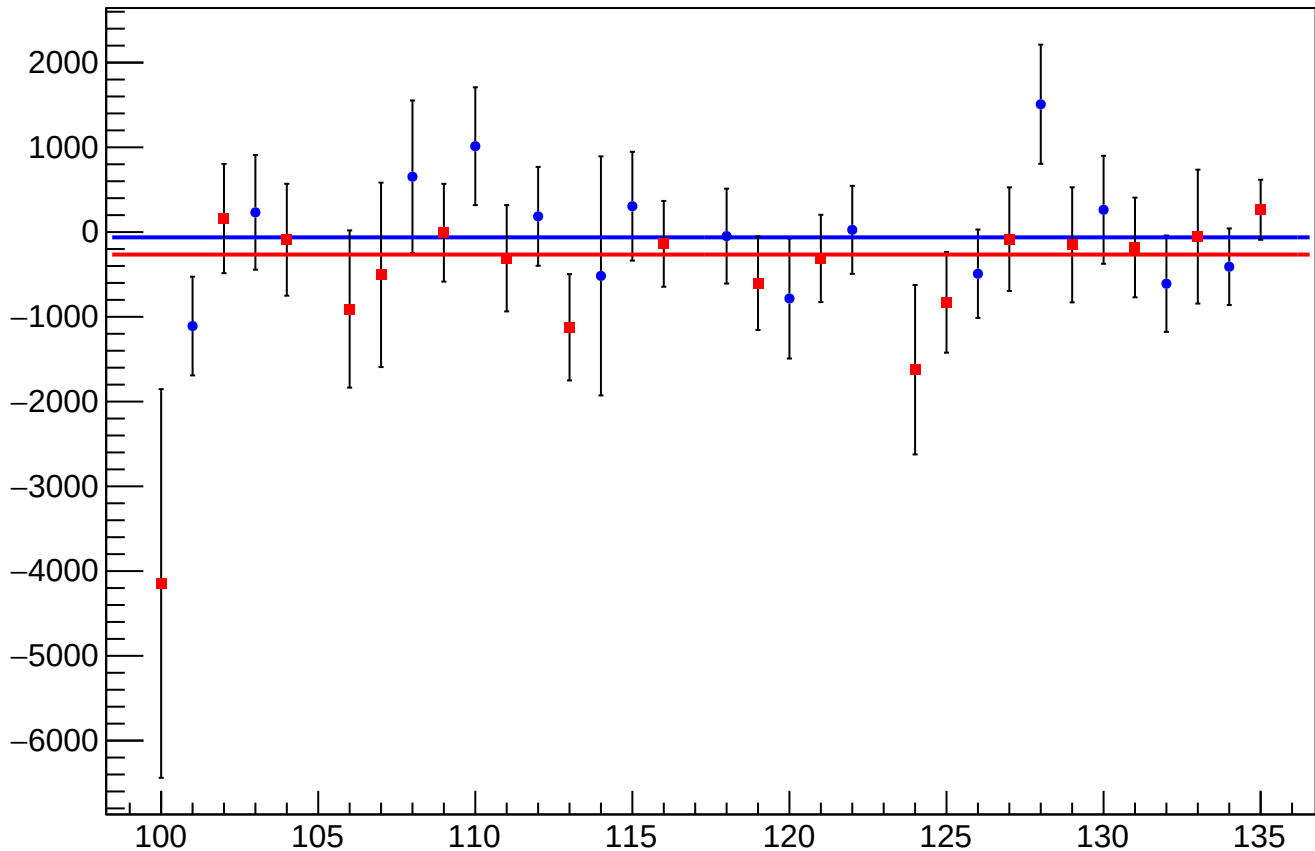
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 399.857 $\pm$ 0.079 χ^2 /NDF: 1379411.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_mean vs Slug



Right In: -62.240 ± 159.376 χ^2/NDF : 15.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -265.109 ± 145.706 χ^2/NDF : 11.6/17

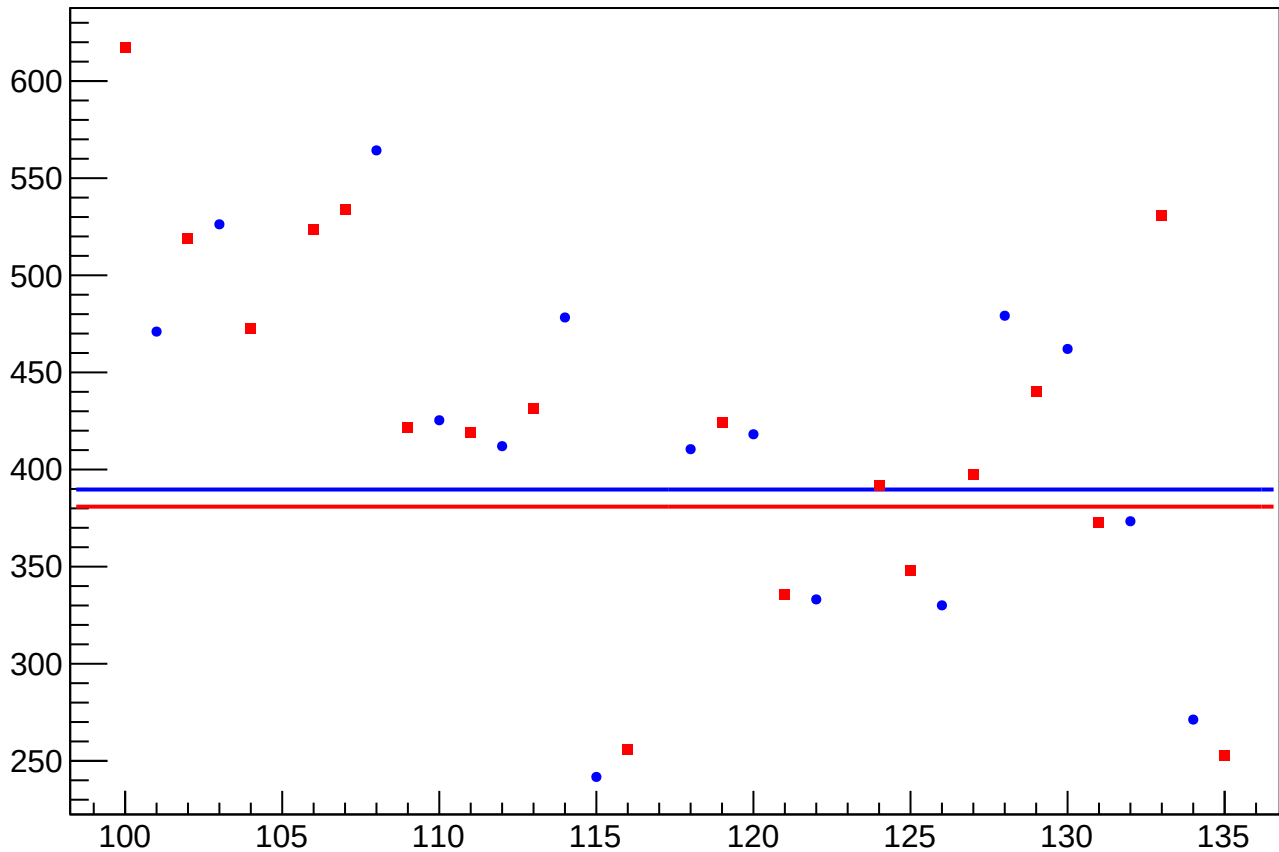
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -172.747 ± 107.538 χ^2/NDF : 28.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_rms vs Slug



Right In: 389.708 $\pm$ 0.113 χ^2 /NDF: 571447.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 380.893 $\pm$ 0.103 χ^2 /NDF: 777588.7/17

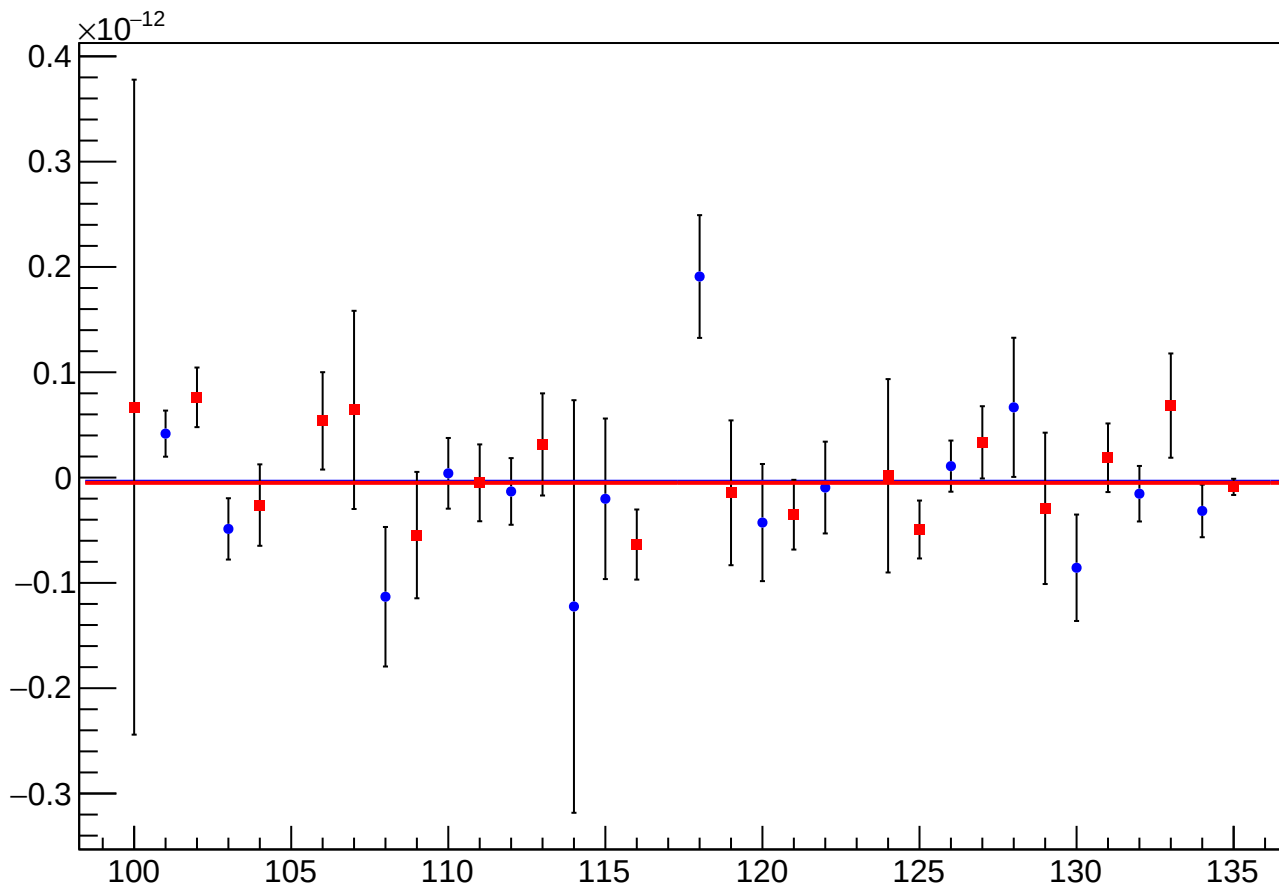
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 384.906 $\pm$ 0.076 χ^2 /NDF: 1352369.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2 /NDF: 27.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000+/-0.000 χ^2 /NDF: 22.9/17

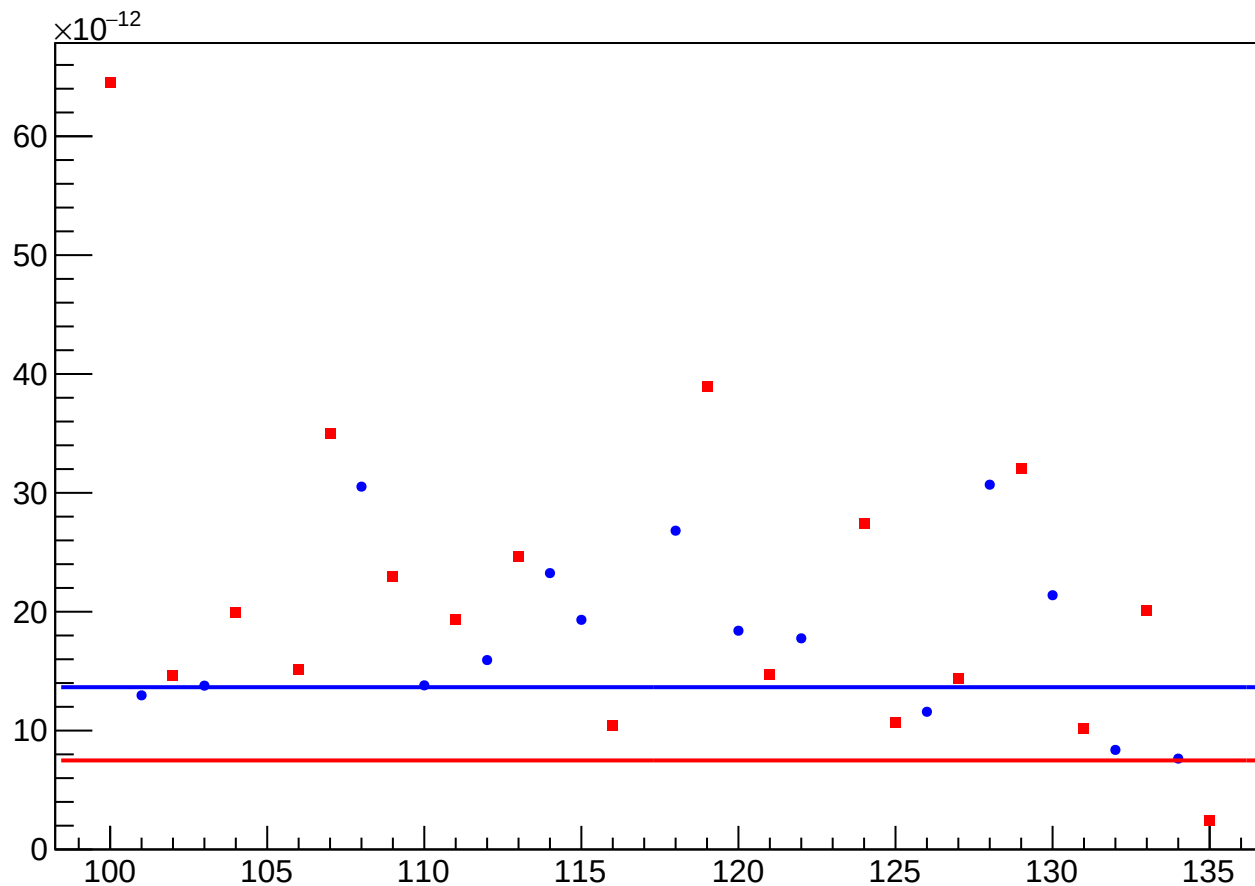
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.000+/-0.000 χ^2 /NDF: 50.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 682627.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3202544.1/17

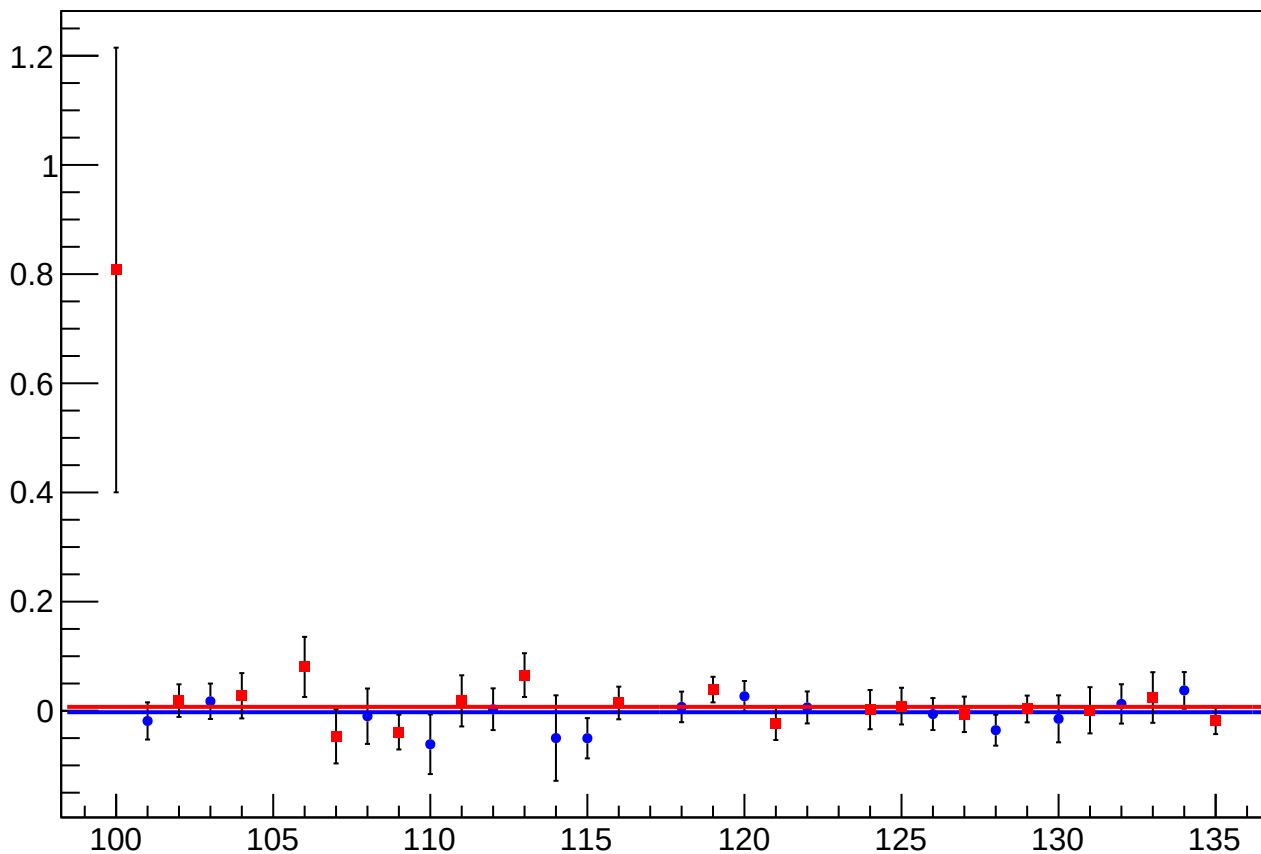
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4517015.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF : 15.8/17

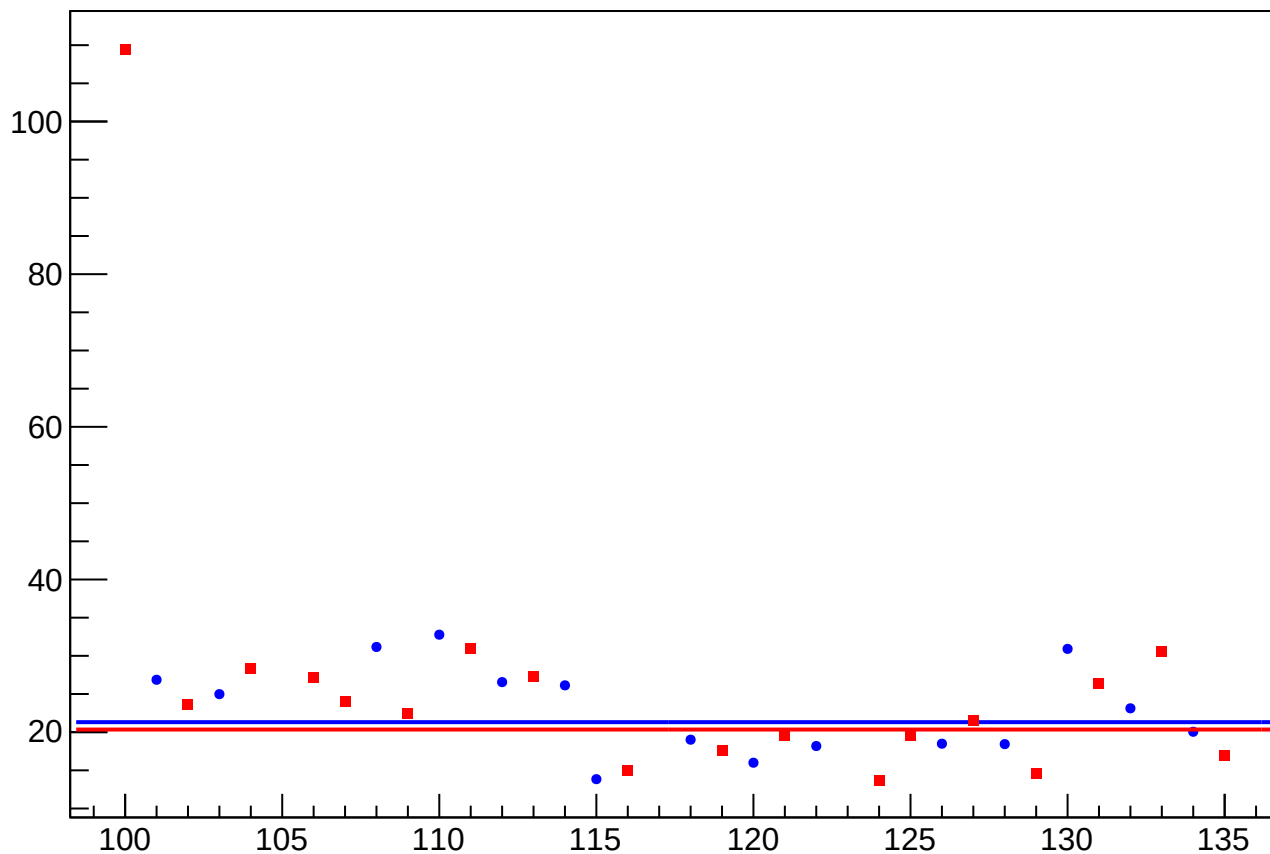
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.006 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_cor_diff_rms vs Slug



Right In: 21.312 $\pm$ 0.006 χ^2 /NDF: 624576.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.344 $\pm$ 0.006 χ^2 /NDF: 860983.7/17

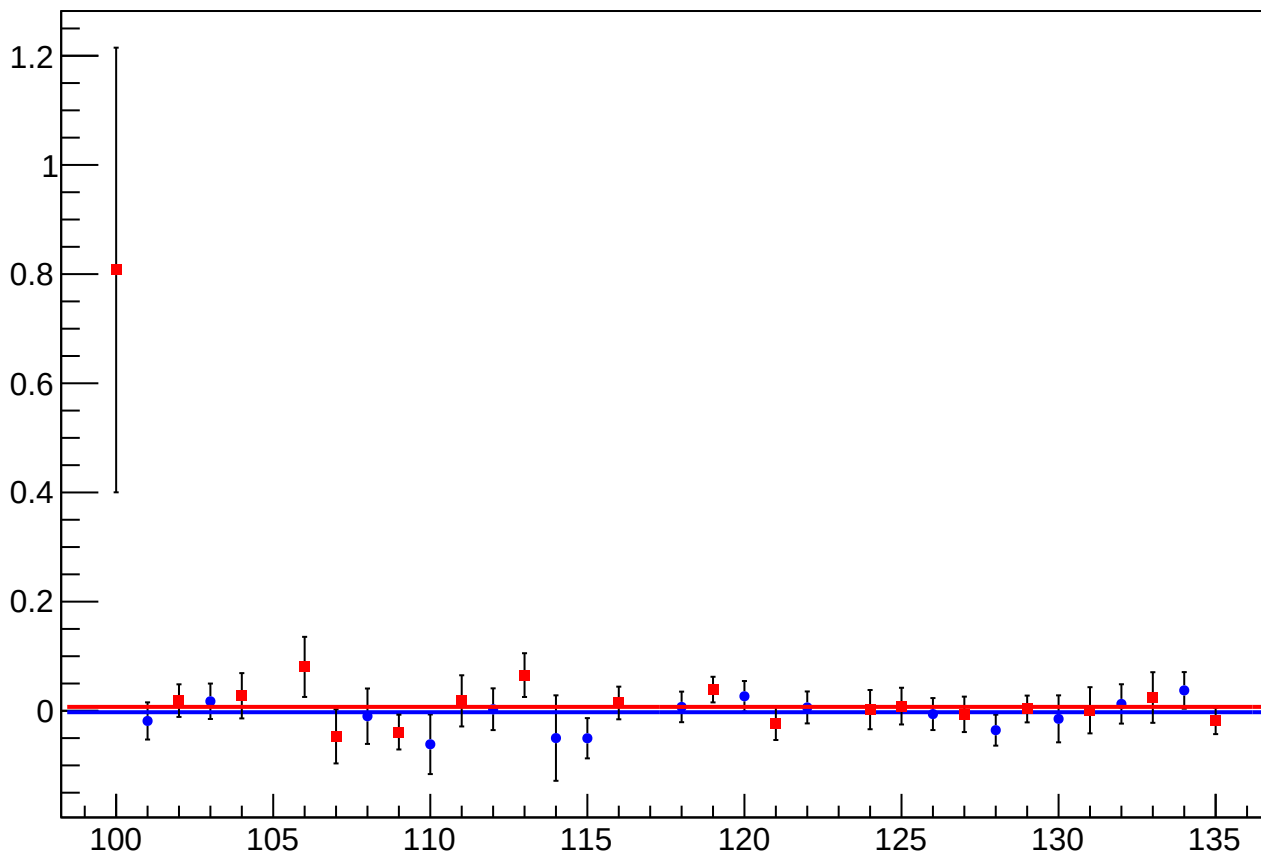
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.775 $\pm$ 0.004 χ^2 /NDF: 1498481.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF : 15.8/17

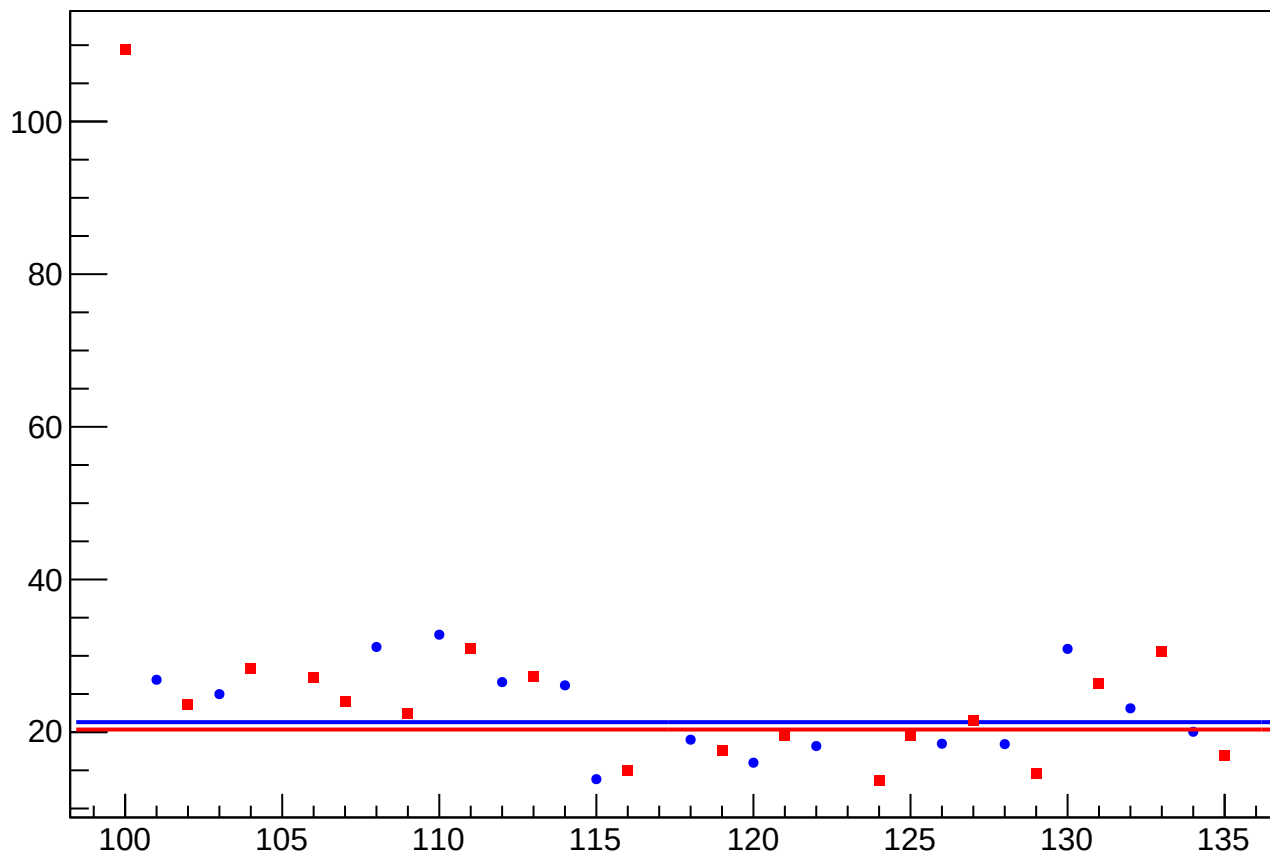
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.006 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.312+/-0.006 χ^2/NDF : 624576.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.344+/-0.006 χ^2/NDF : 860983.7/17

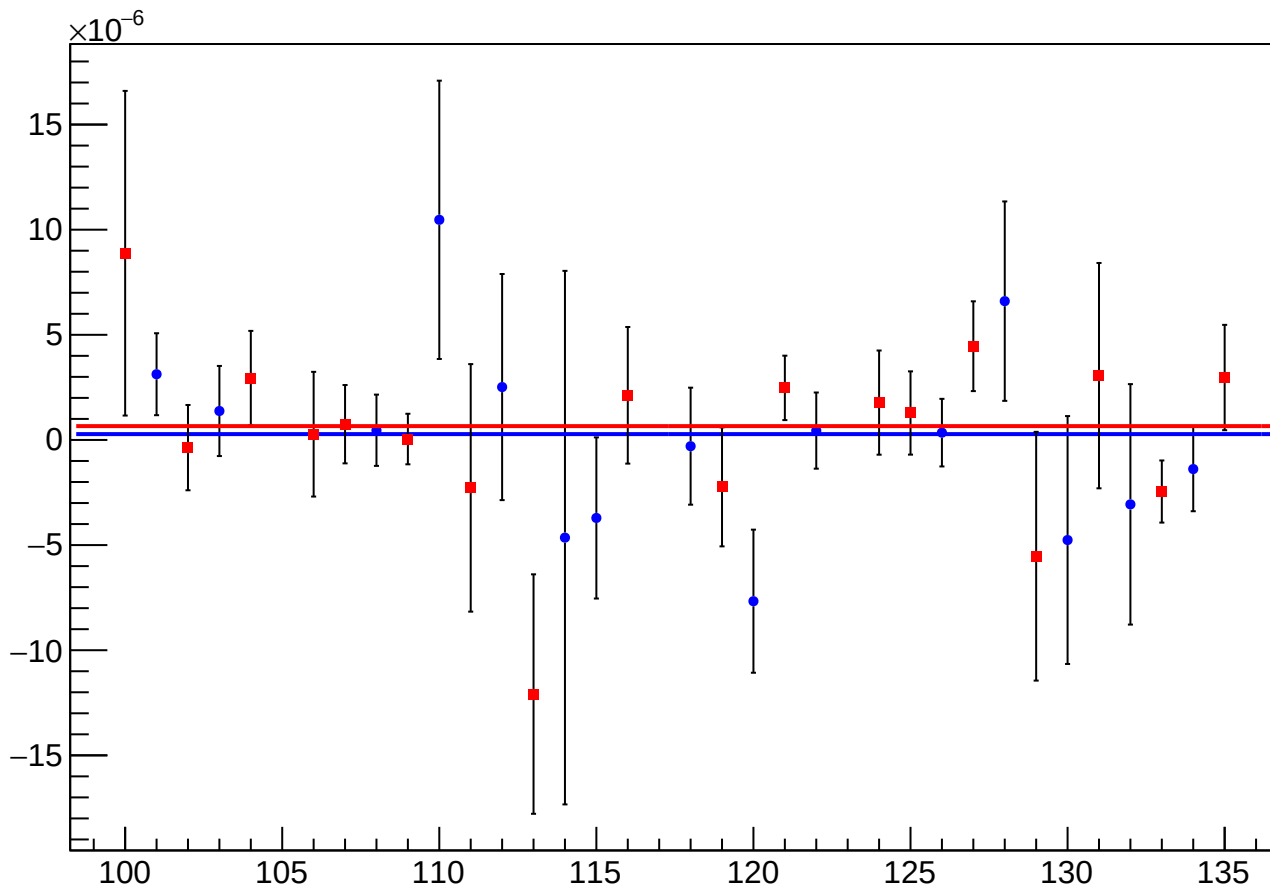
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.775+/-0.004 χ^2/NDF : 1498481.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 15.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 20.7/17

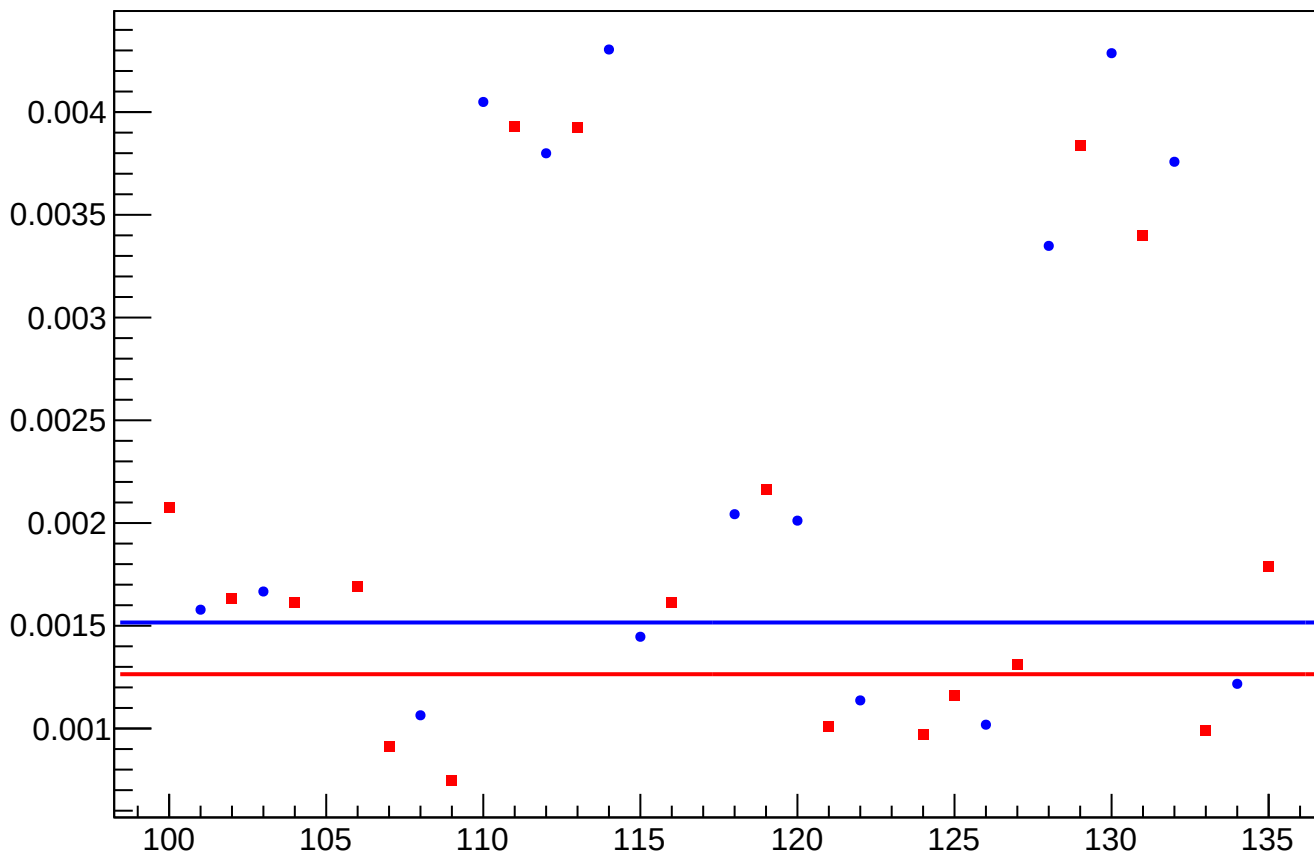
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 36.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2390812.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 2633007.1/17

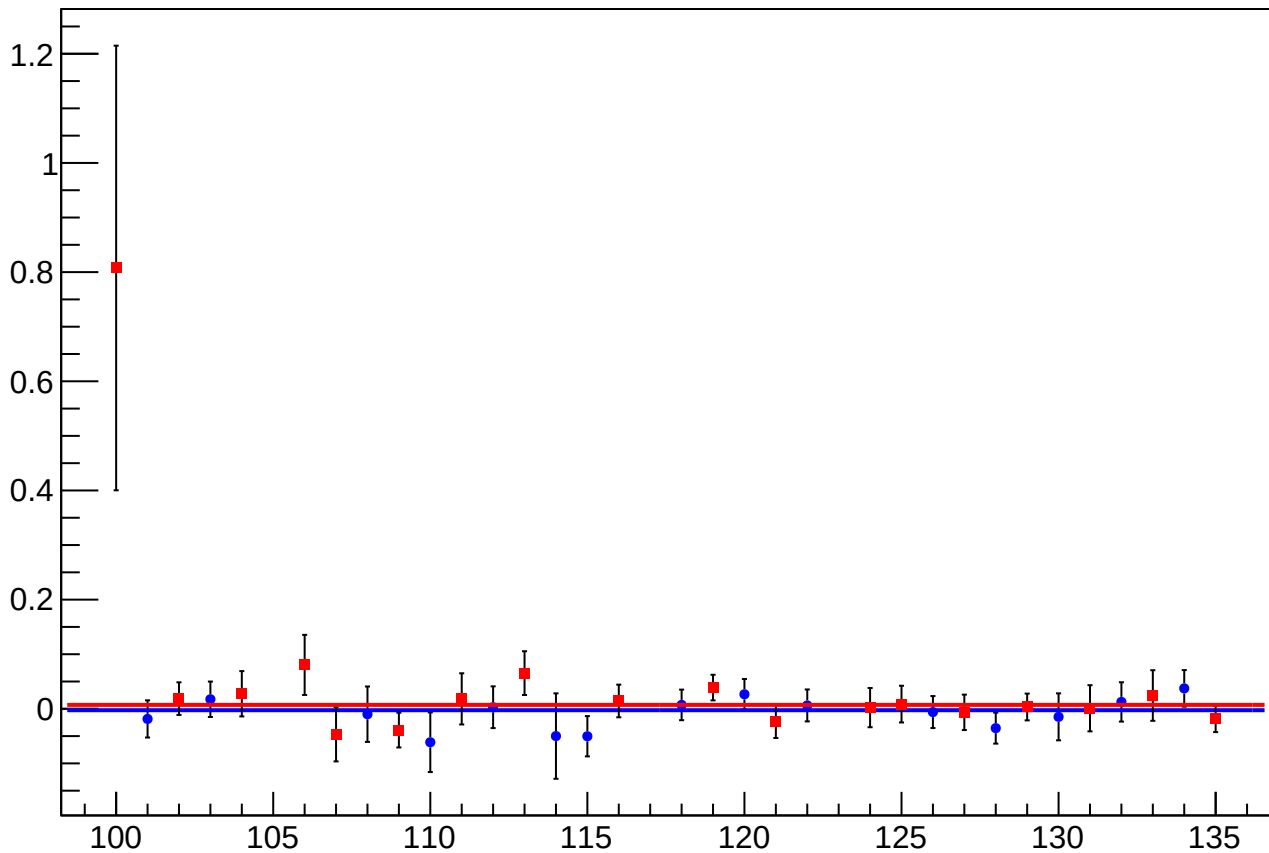
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.001+/-0.000 χ^2/NDF : 5197380.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_mean vs Slug



Right In: -0.003 ± 0.009 χ^2/NDF : 8.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.007 ± 0.008 χ^2/NDF : 15.8/17

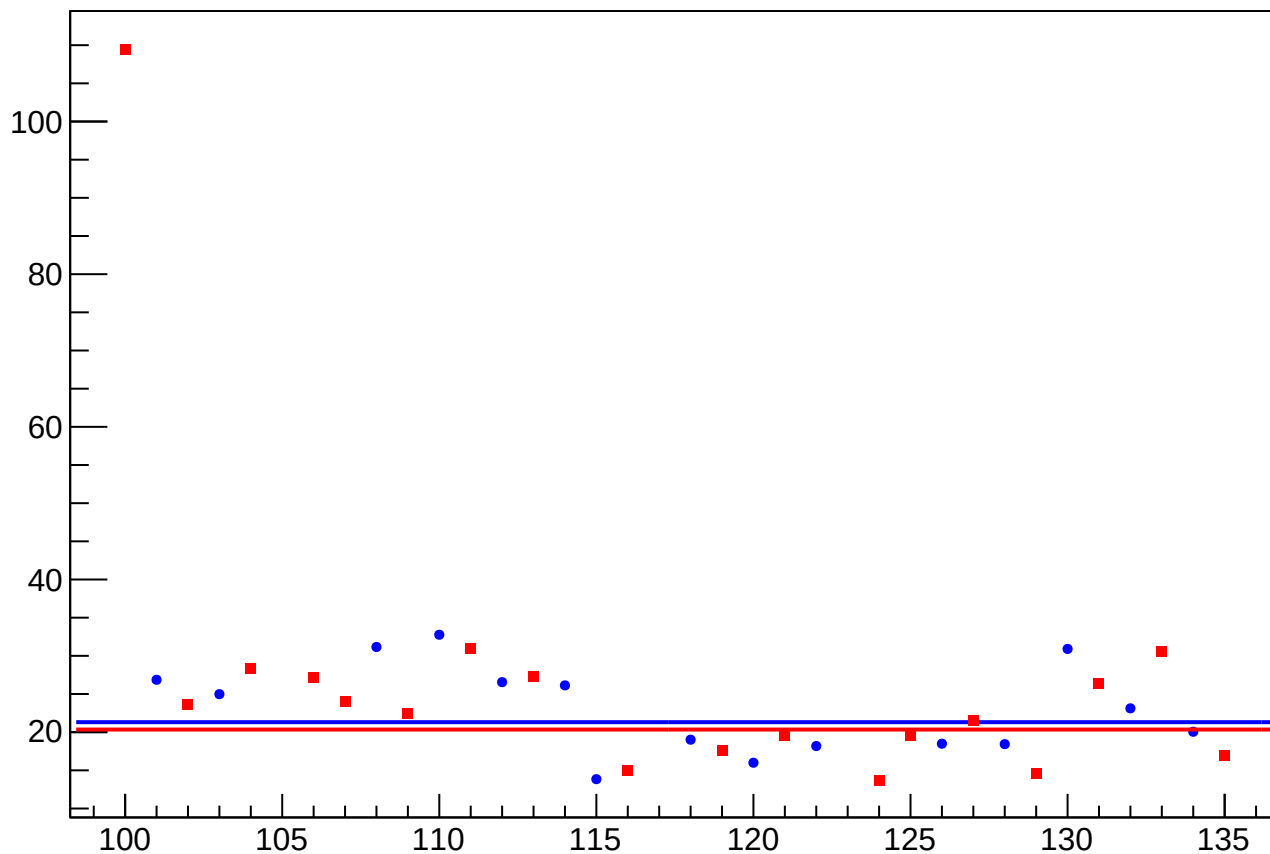
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.003 ± 0.006 χ^2/NDF : 24.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 21.311+/-0.006 χ^2/NDF : 624475.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.344+/-0.006 χ^2/NDF : 860993.4/17

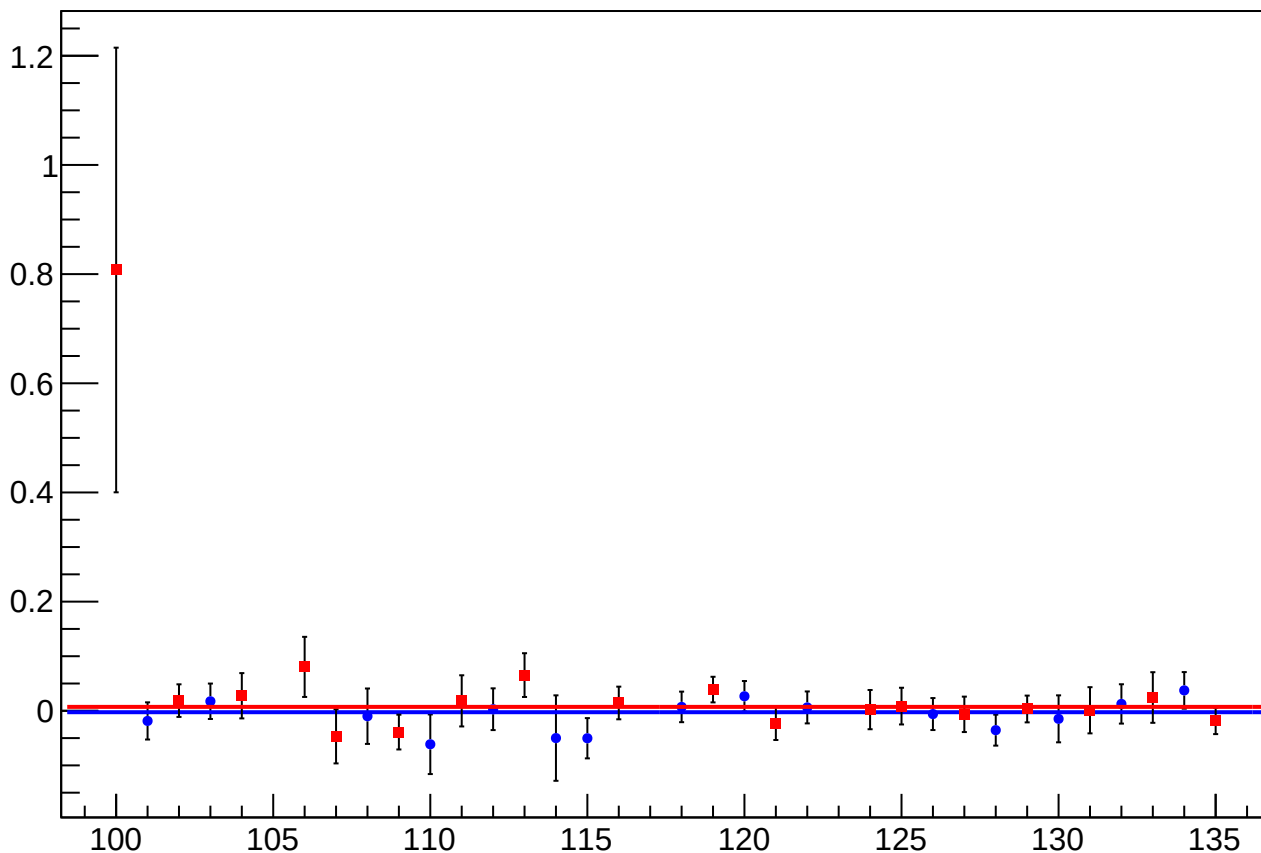
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.774+/-0.004 χ^2/NDF : 1498391.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: -0.003+/-0.009 χ^2/NDF : 8.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.007+/-0.008 χ^2/NDF : 15.8/17

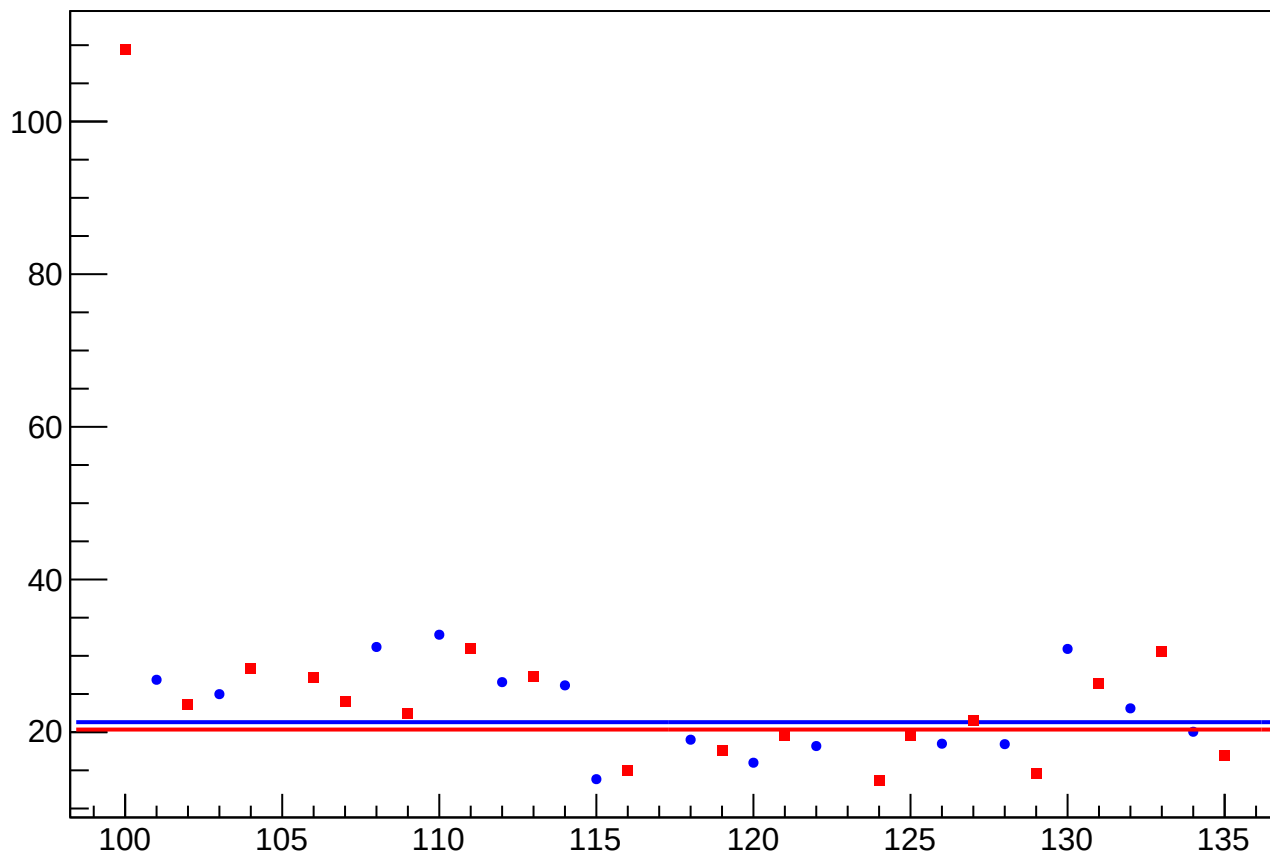
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.003+/-0.006 χ^2/NDF : 24.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 21.311+/-0.006 χ^2/NDF : 624475.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 20.344+/-0.006 χ^2/NDF : 860993.4/17

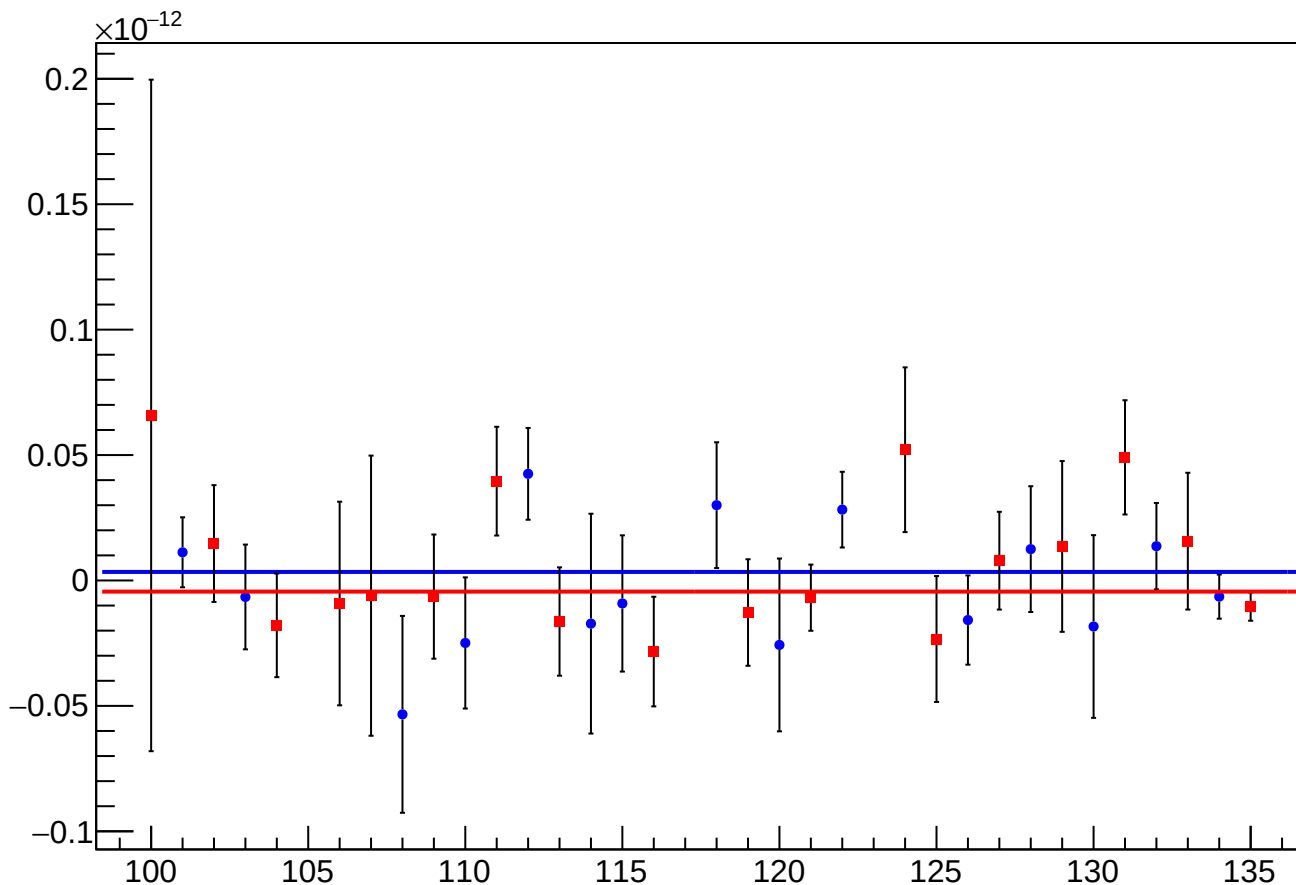
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 20.774+/-0.004 χ^2/NDF : 1498391.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 18.6/17

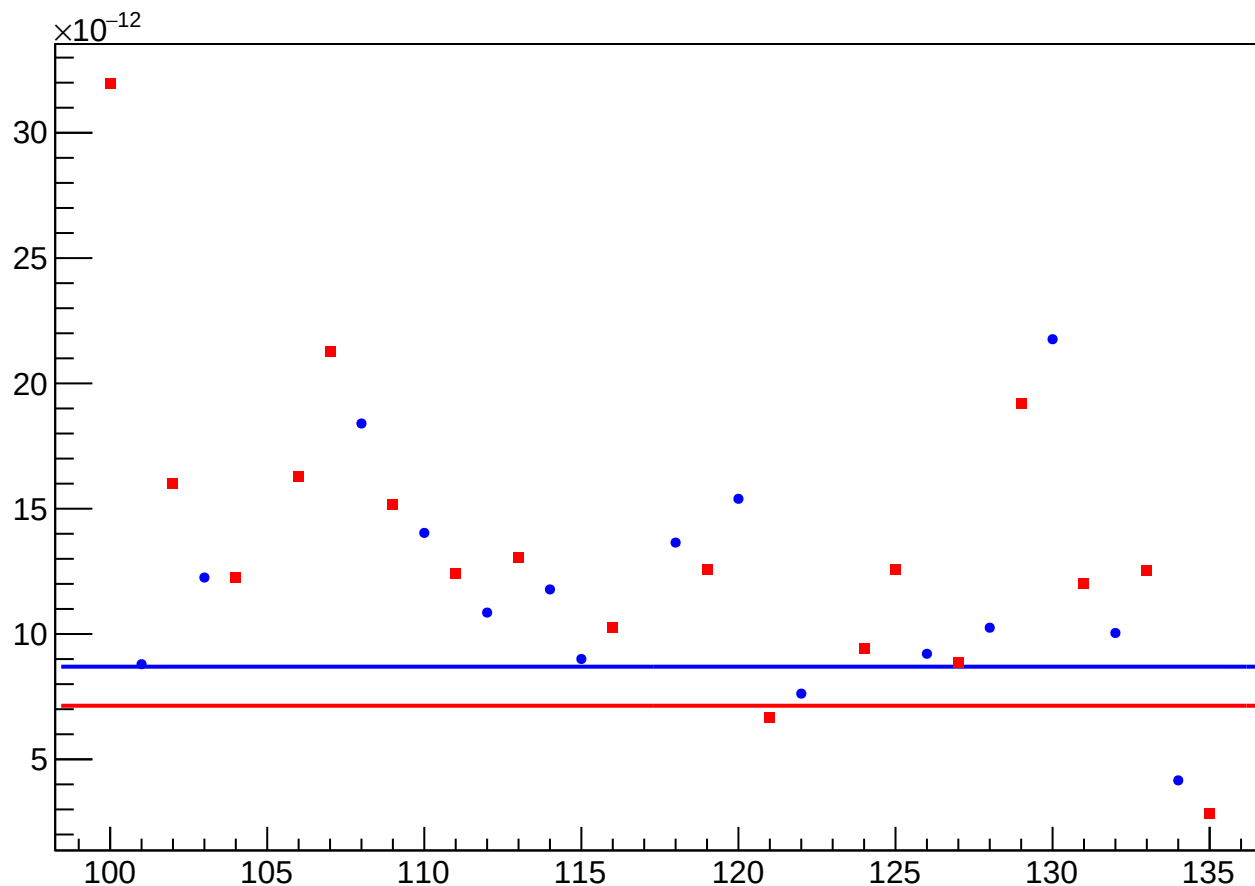
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 36.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_1357_2468_dd_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1275570.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 3071053.1/17

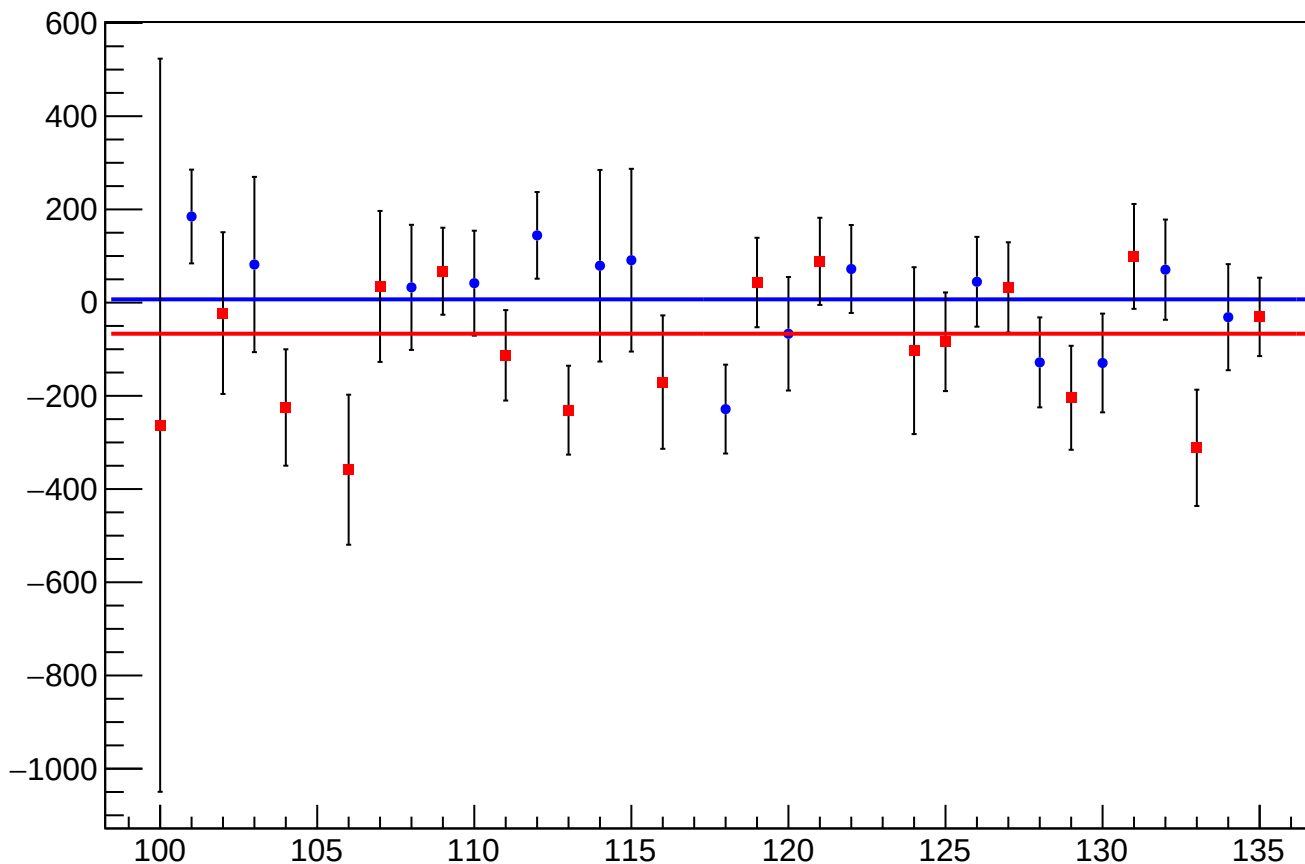
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 4469776.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_mean vs Slug



Right In: 7.026+/-29.056 χ^2 /NDF: 17.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -66.709+/-27.014 χ^2 /NDF: 24.1/17

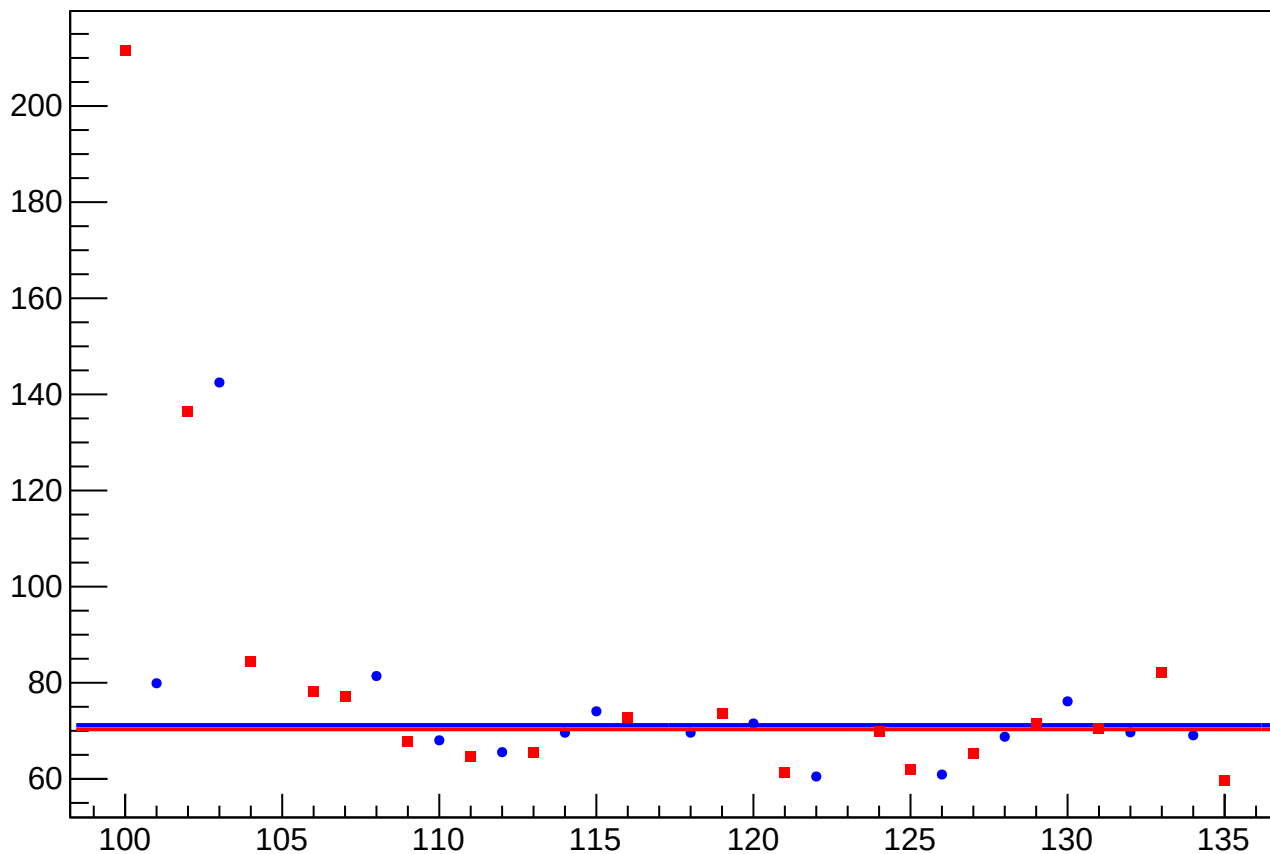
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.522+/-19.784 χ^2 /NDF: 44.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_rms vs Slug



Right In: 71.198 $\pm$ 0.021 χ^2 /NDF: 379123.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.320 $\pm$ 0.019 χ^2 /NDF: 491332.1/17

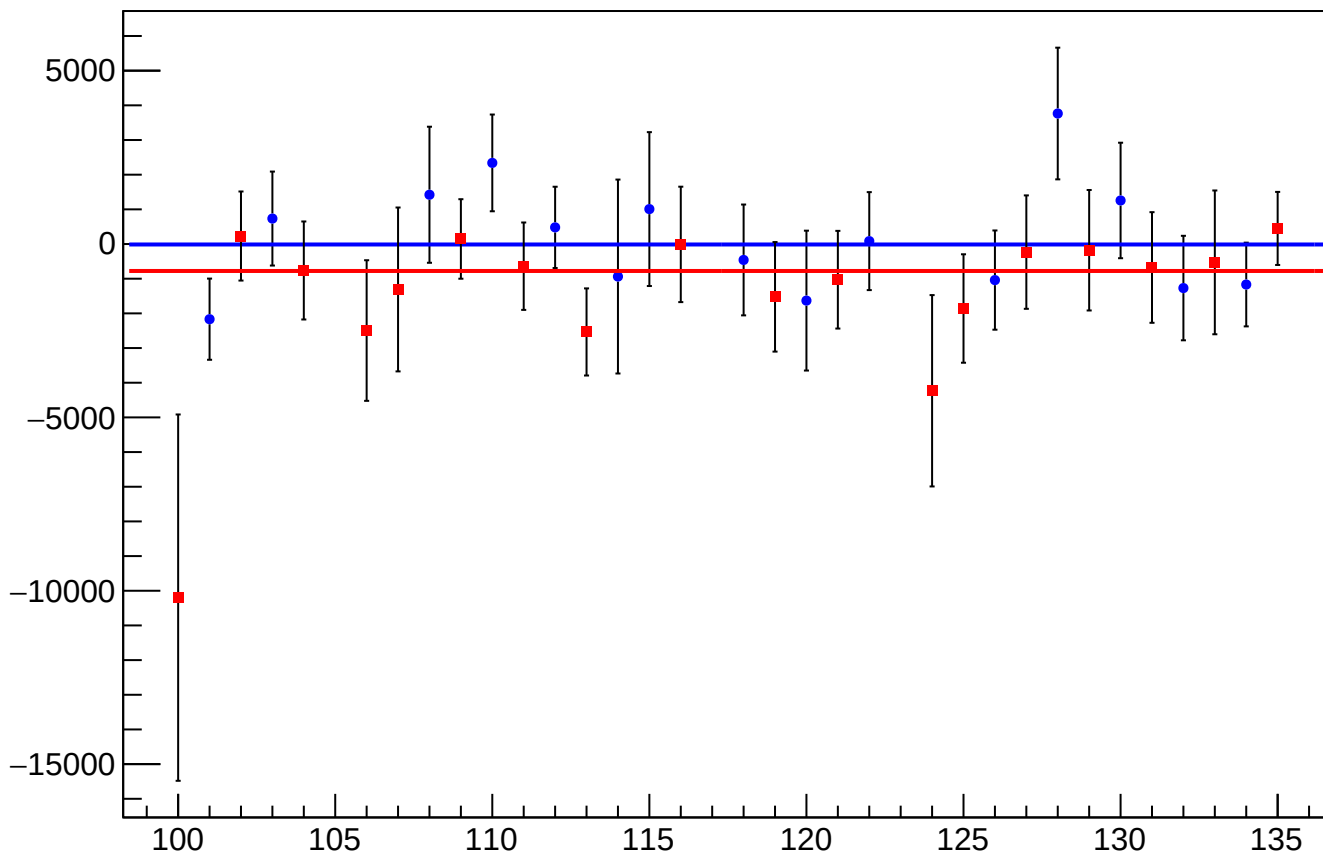
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.727 $\pm$ 0.014 χ^2 /NDF: 871434.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_reg_correction_mean vs Slug



Right In: -13.110 ± 392.302 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -777.041 ± 362.125 χ^2/NDF : 11.3/17

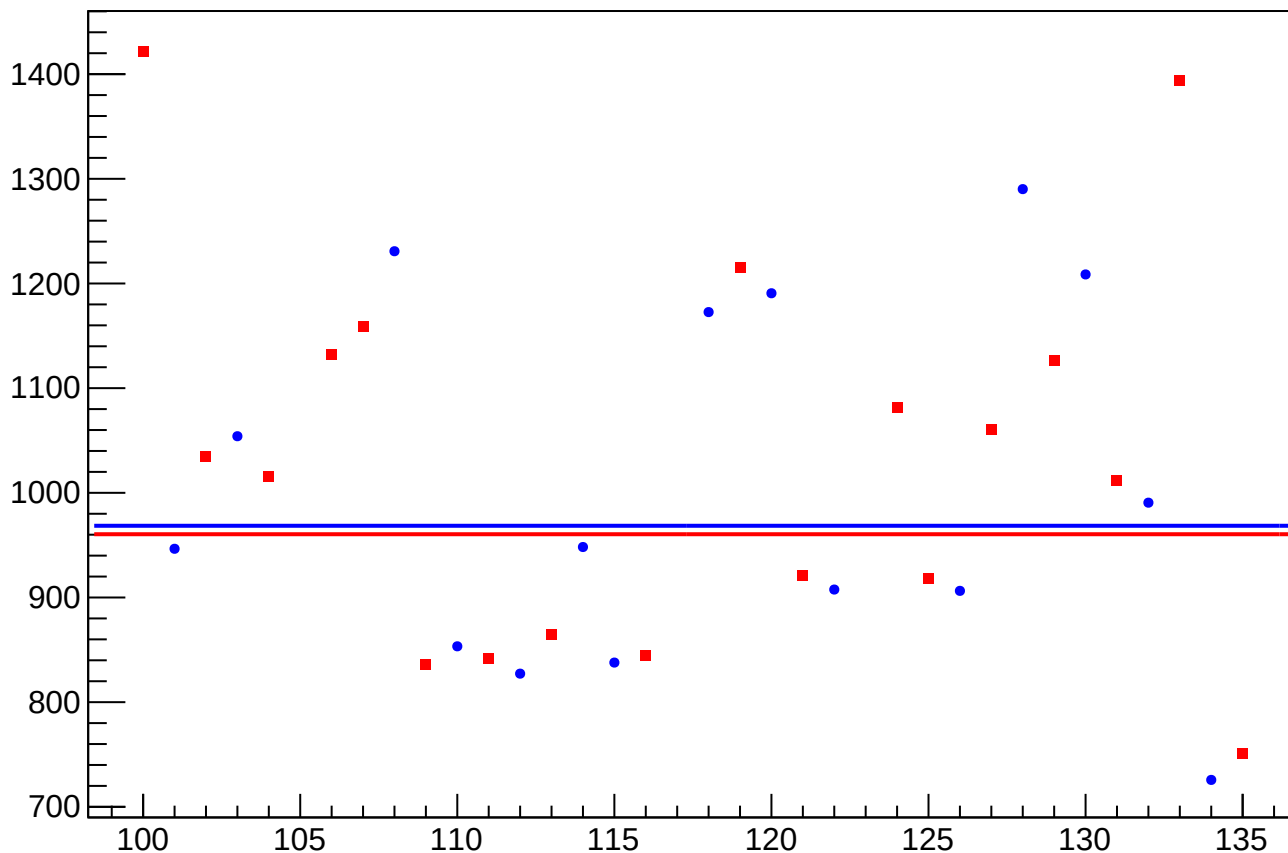
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -425.584 ± 266.091 χ^2/NDF : 28.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_correction_rms vs Slug



Right In: 968.527+/-0.277 χ^2/NDF : 338782.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 960.448+/-0.256 χ^2/NDF : 369221.5/17

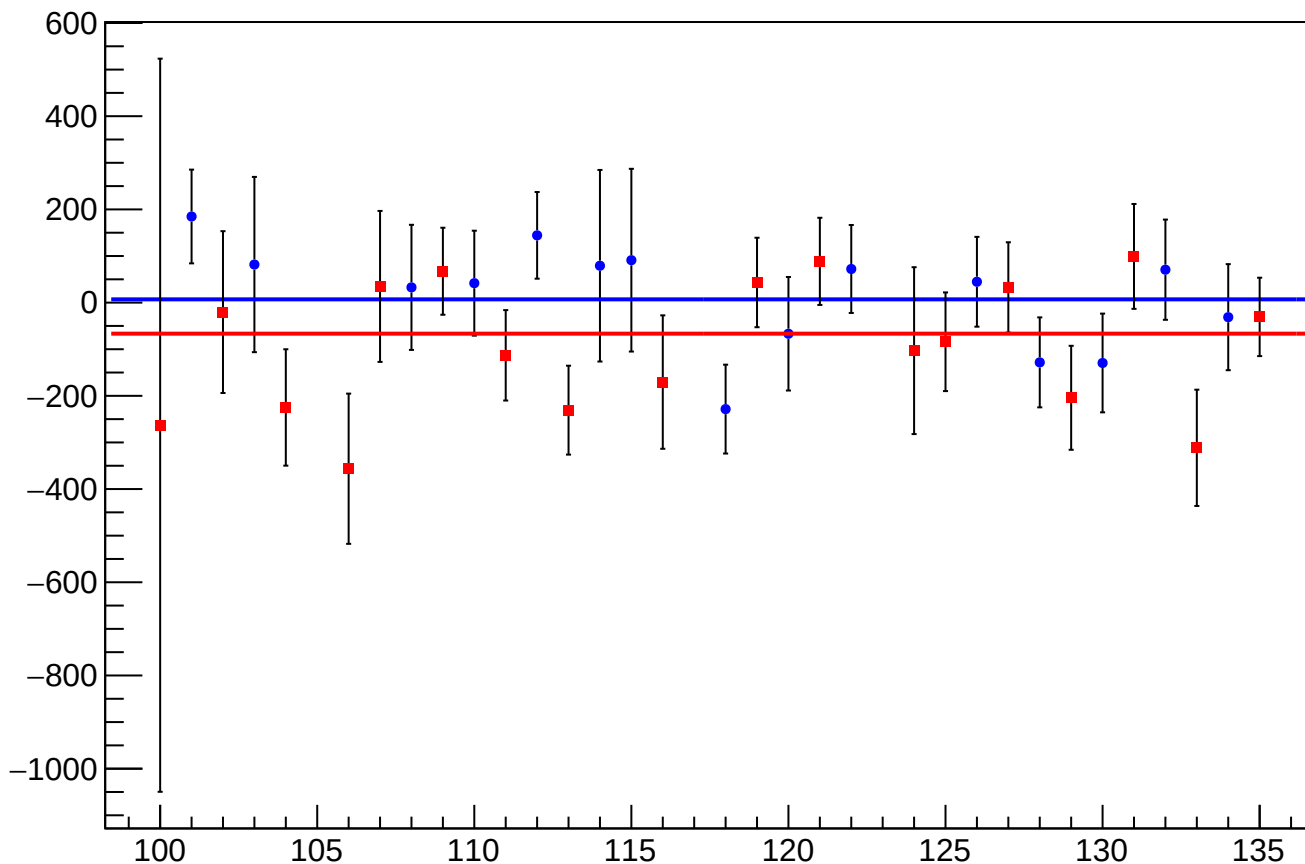
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 964.165+/-0.188 χ^2/NDF : 708461.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_mean vs Slug



Right In: 7.018+/-29.056 χ^2/NDF : 17.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -66.582+/-27.016 χ^2/NDF : 24.1/17

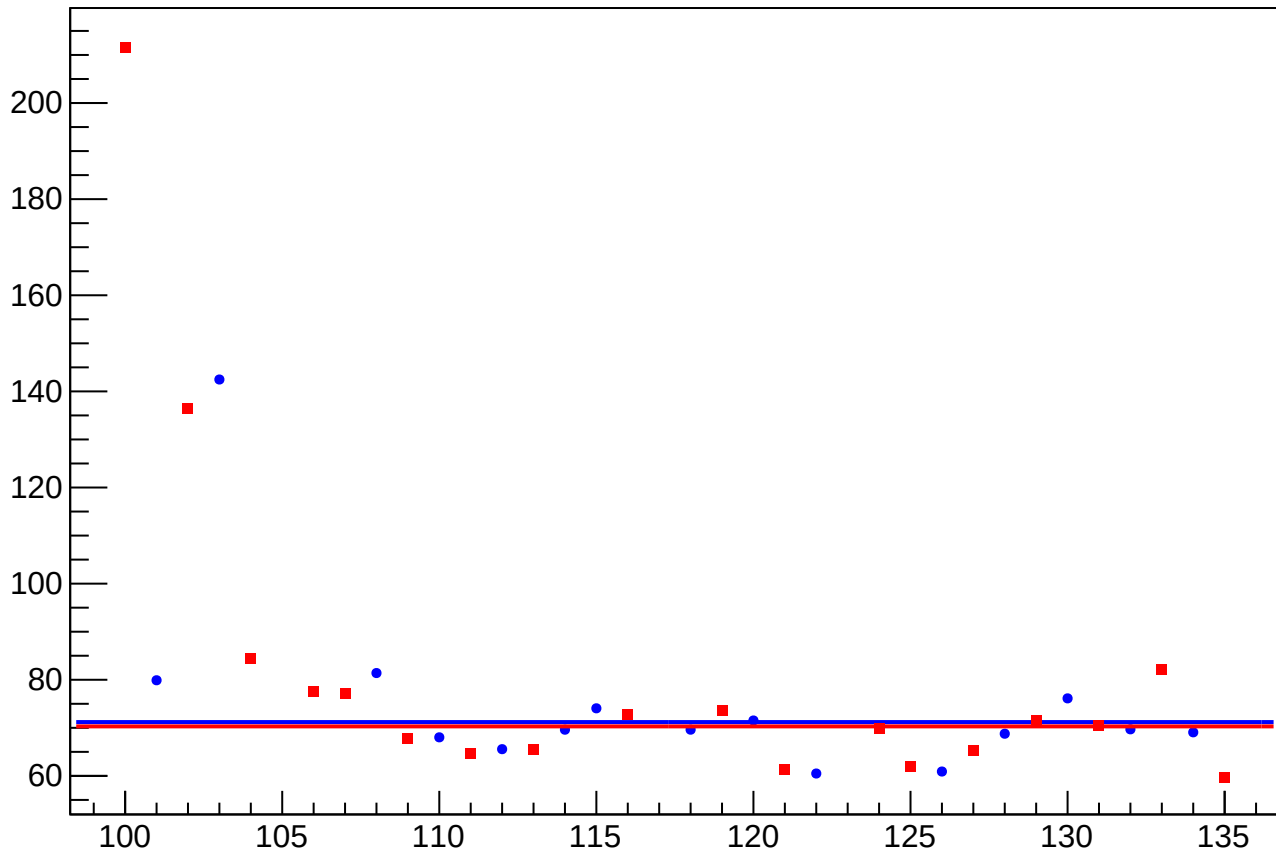
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -32.456+/-19.785 χ^2/NDF : 44.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.198 $\pm$ 0.021 χ^2 /NDF: 379126.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.300 $\pm$ 0.019 χ^2 /NDF: 490794.5/17

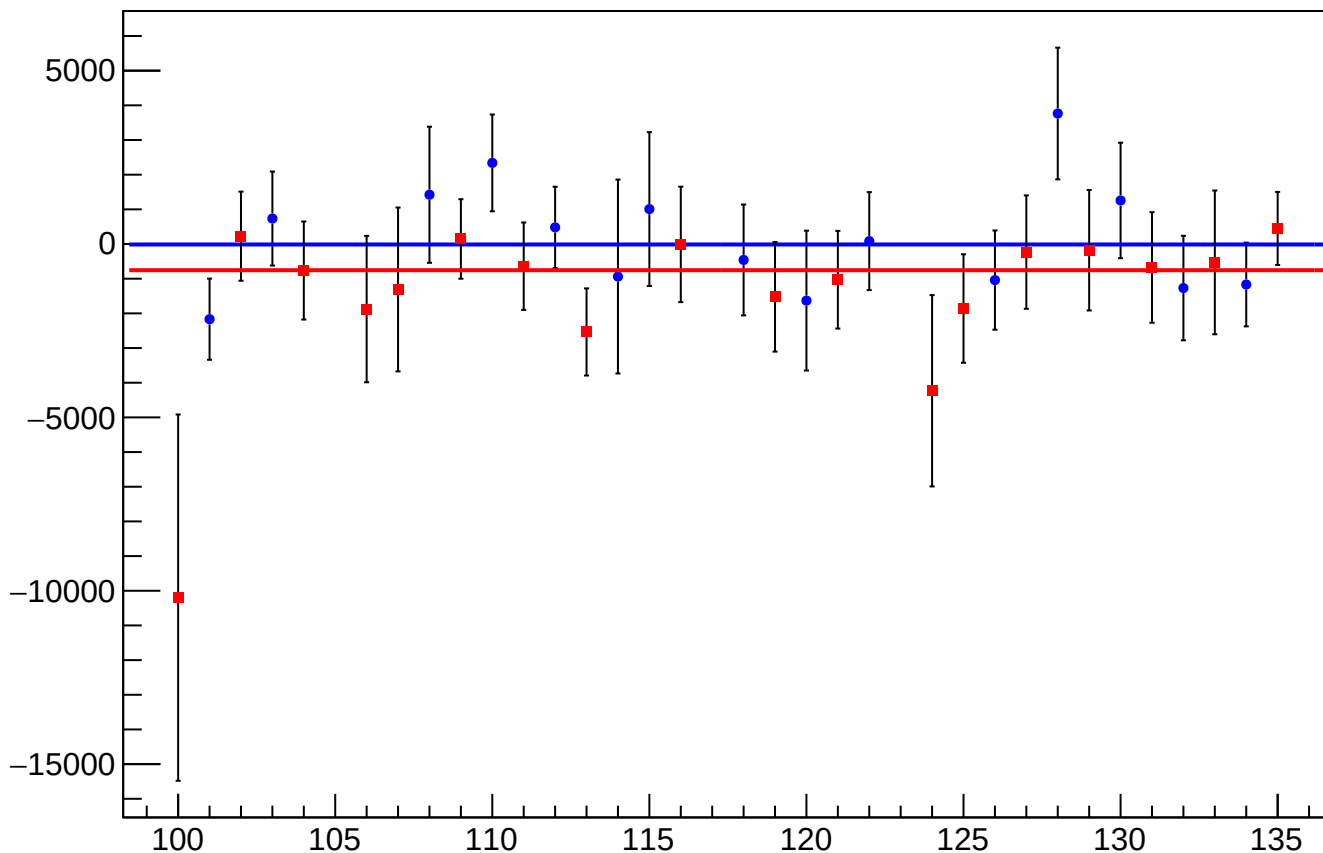
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.716 $\pm$ 0.014 χ^2 /NDF: 870945.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_cor_correction_mean vs Slug



Right In: -13.069 ± 392.305 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -755.028 ± 362.596 χ^2/NDF : 10.8/17

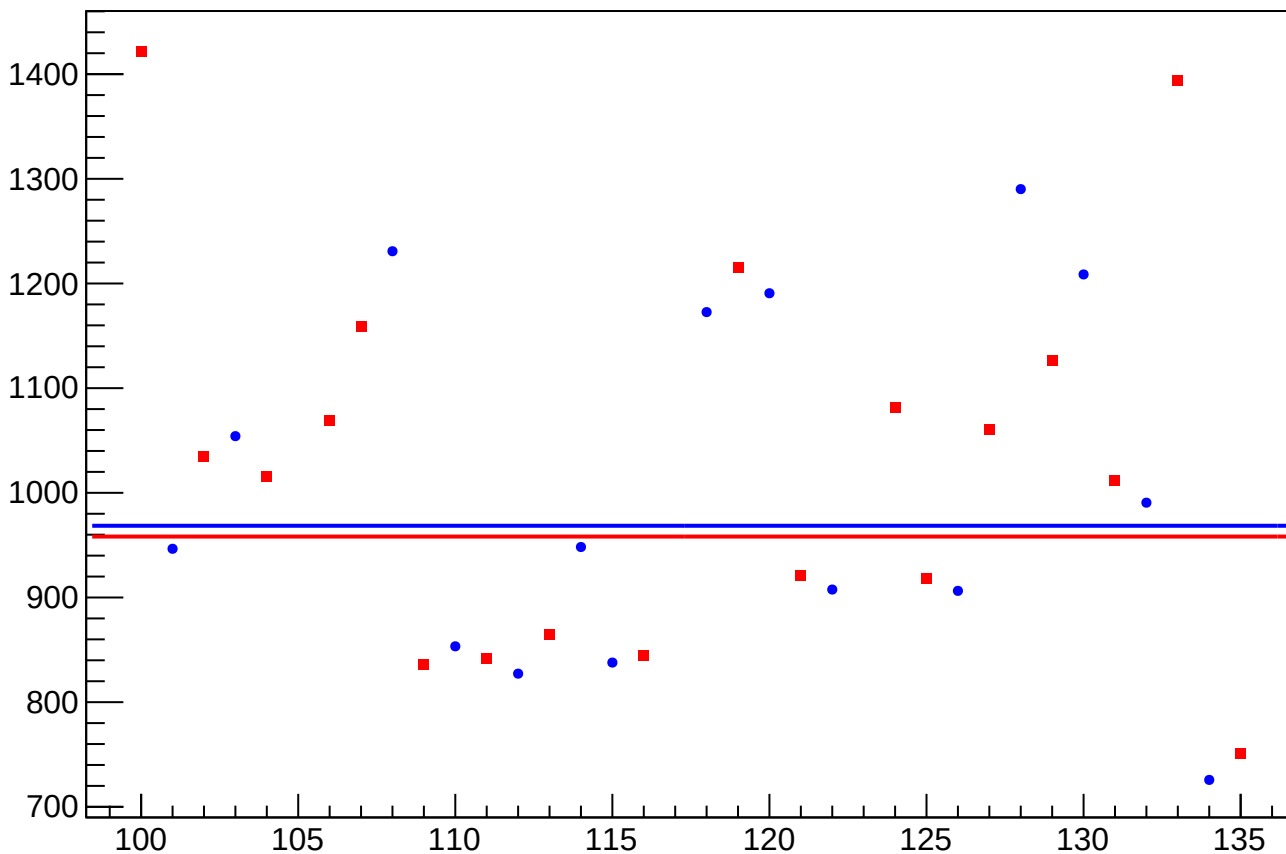
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -413.203 ± 266.278 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_cor_correction_rms vs Slug



Right In: 968.532 $\pm$ 0.277 χ^2 /NDF: 338797.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 958.225 $\pm$ 0.256 χ^2 /NDF: 360271.4/17

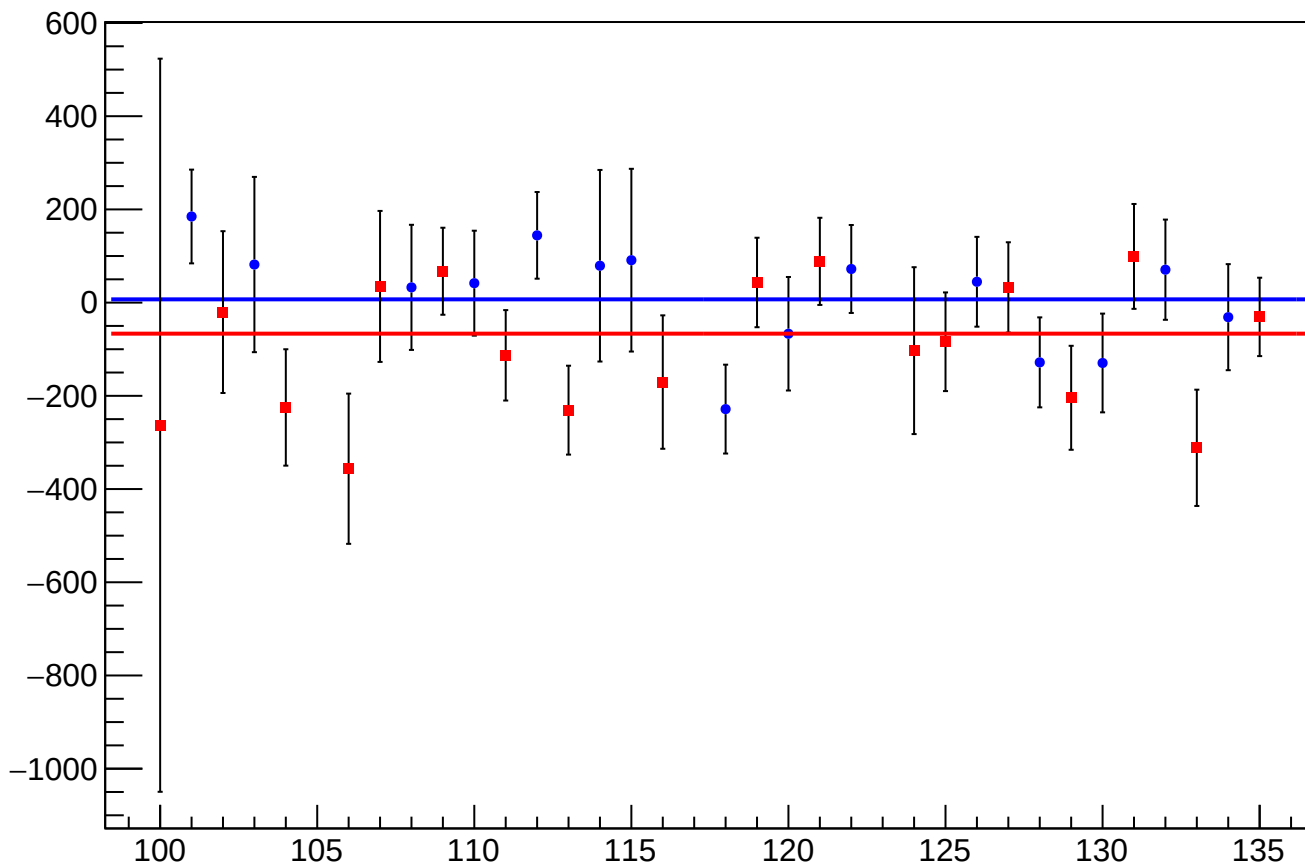
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 962.974 $\pm$ 0.188 χ^2 /NDF: 699813.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_mean vs Slug



Right In: 7.018+/-29.056 χ^2 /NDF: 17.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: -66.582+/-27.016 χ^2 /NDF: 24.1/17

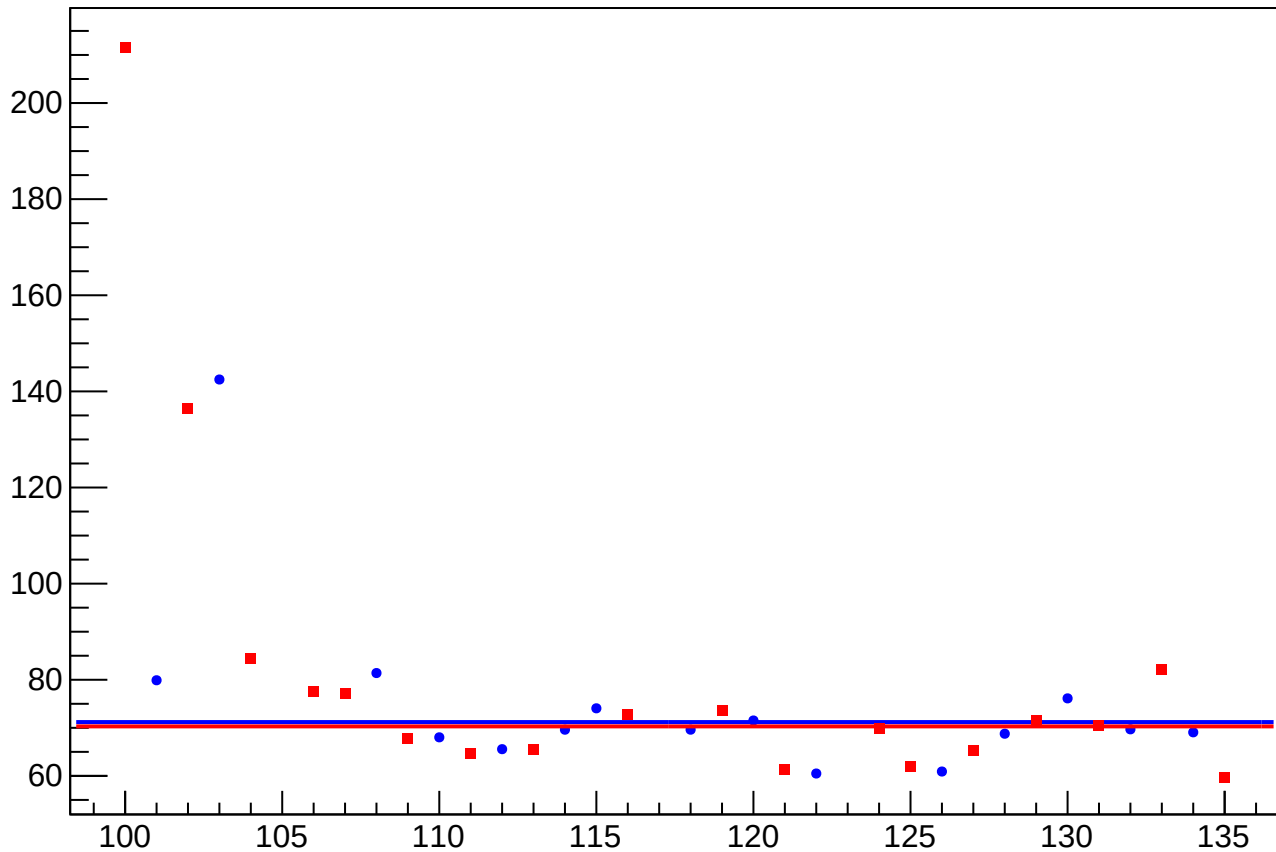
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -32.456+/-19.785 χ^2 /NDF: 44.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

eigen_cor_asym_sam_12345678_avg_rms vs Slug



Right In: 71.198 $\pm$ 0.021 χ^2 /NDF: 379126.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 70.300 $\pm$ 0.019 χ^2 /NDF: 490794.5/17

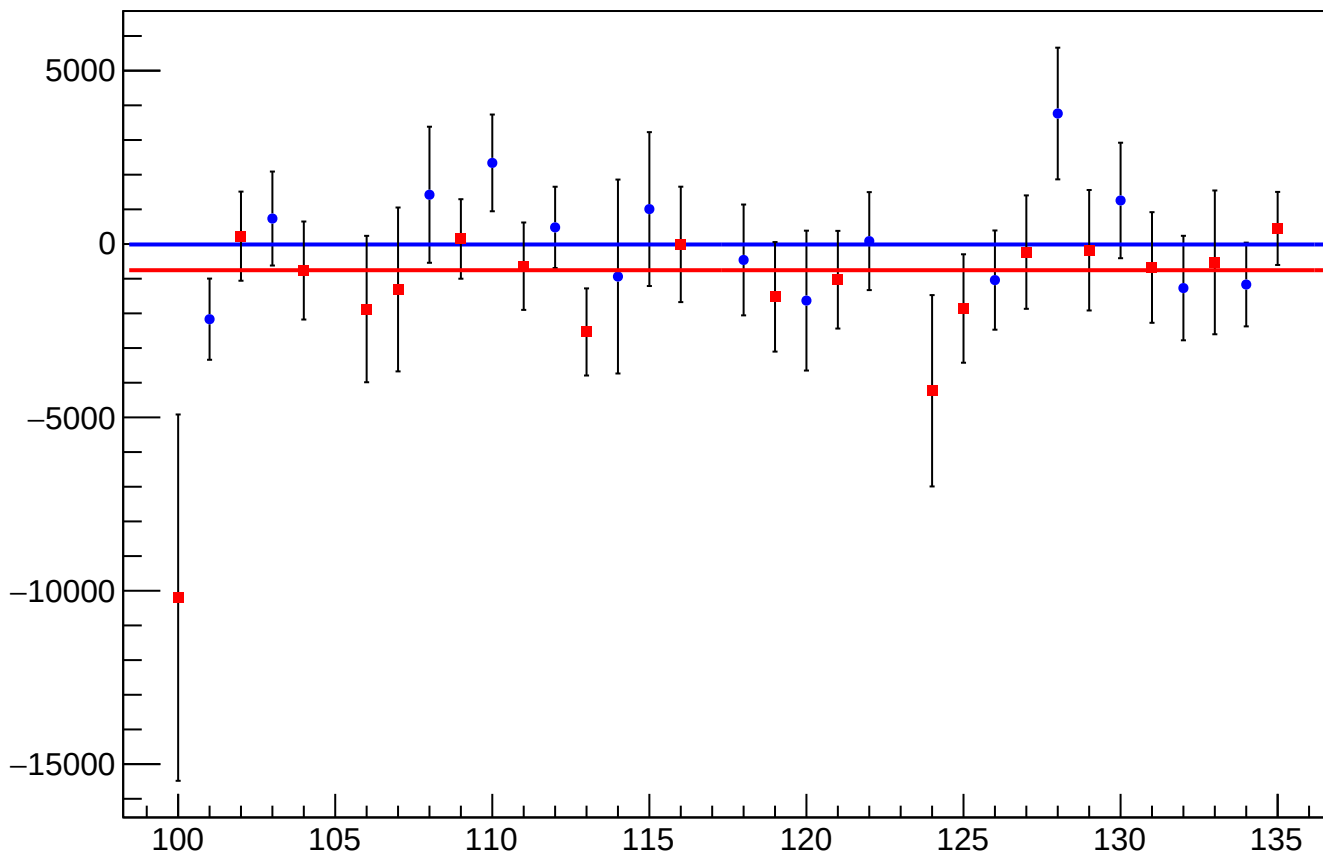
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 70.716 $\pm$ 0.014 χ^2 /NDF: 870945.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_mean vs Slug



Right In: -13.069 ± 392.305 χ^2/NDF : 15.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -755.028 ± 362.596 χ^2/NDF : 10.8/17

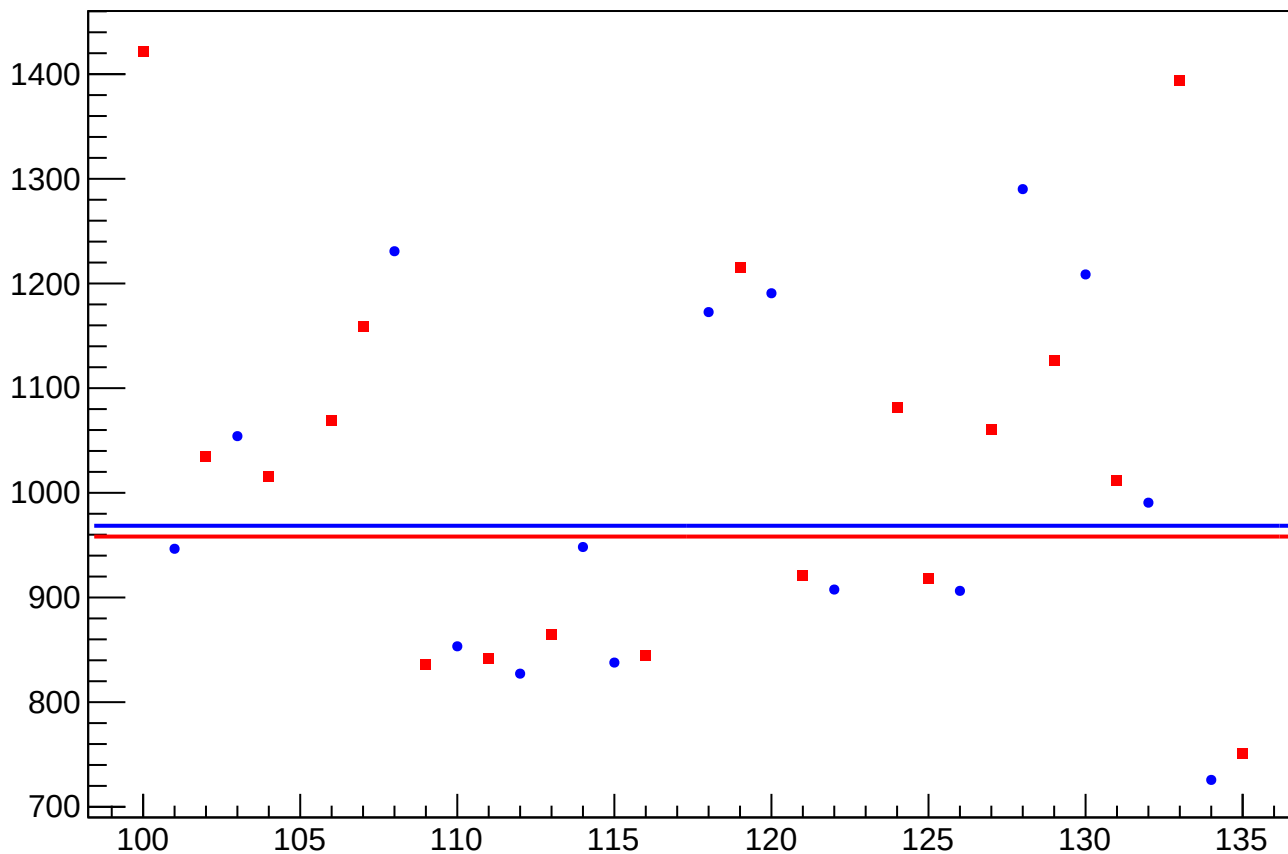
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -413.203 ± 266.278 χ^2/NDF : 27.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_cor_correction_rms vs Slug



Right In: 968.532 $\pm$ 0.277 χ^2 /NDF: 338797.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 958.225 $\pm$ 0.256 χ^2 /NDF: 360271.4/17

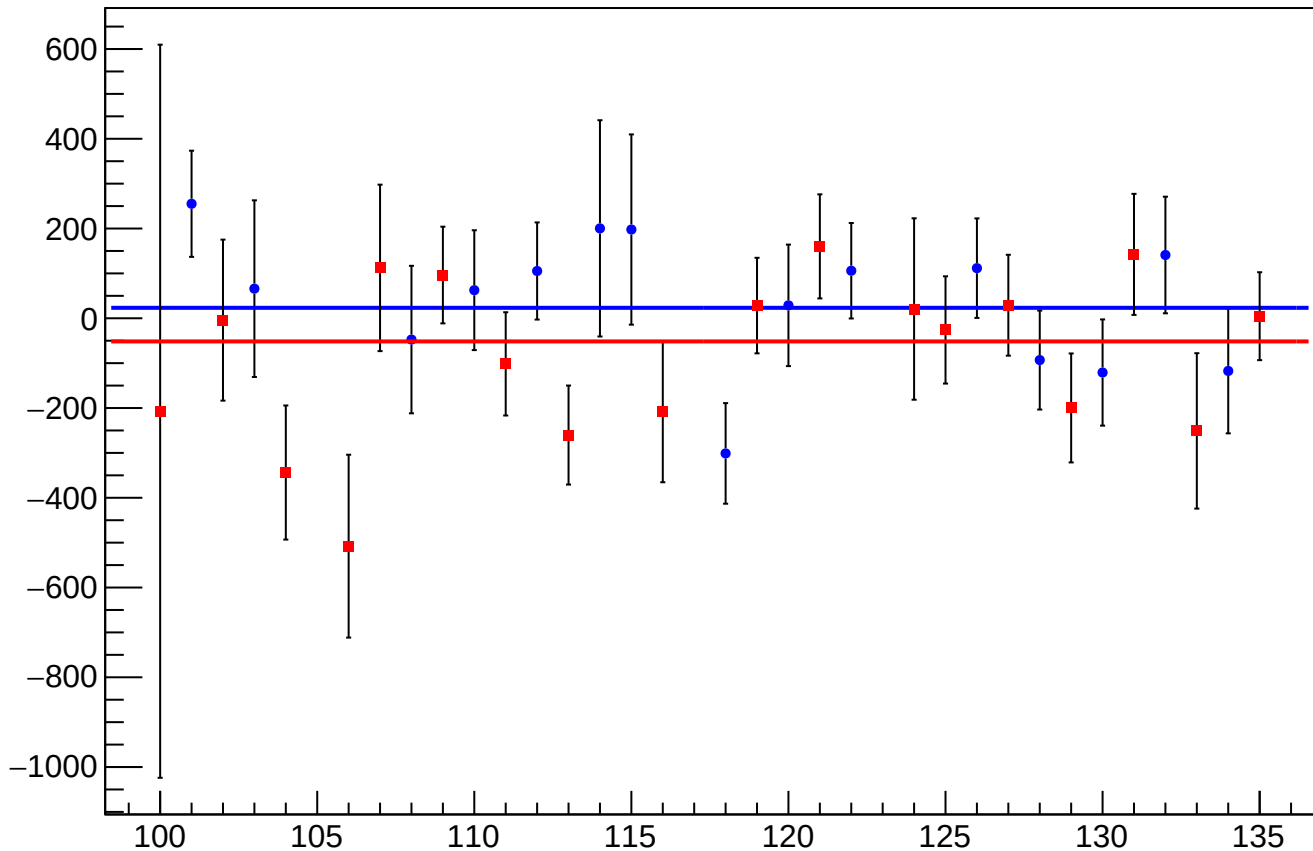
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 962.974 $\pm$ 0.188 χ^2 /NDF: 699813.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

dit_asym_sam_12345678_avg_mean vs Slug



Right In: 23.314+/-33.642 χ^2/NDF : 20.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -51.591+/-31.444 χ^2/NDF : 26.2/17

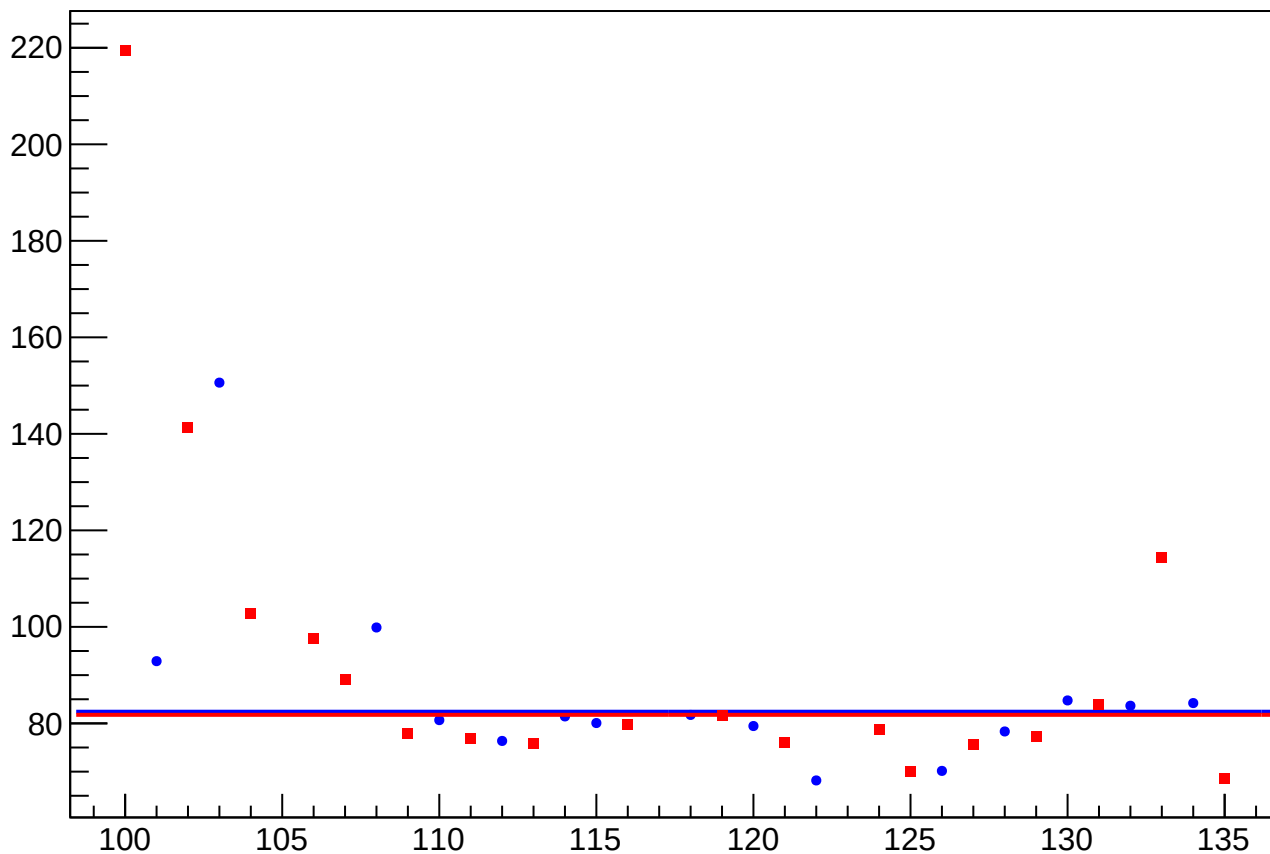
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -16.665+/-22.972 χ^2/NDF : 48.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.417+/-0.024 χ^2/NDF : 350614.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.776+/-0.022 χ^2/NDF : 485012.8/17

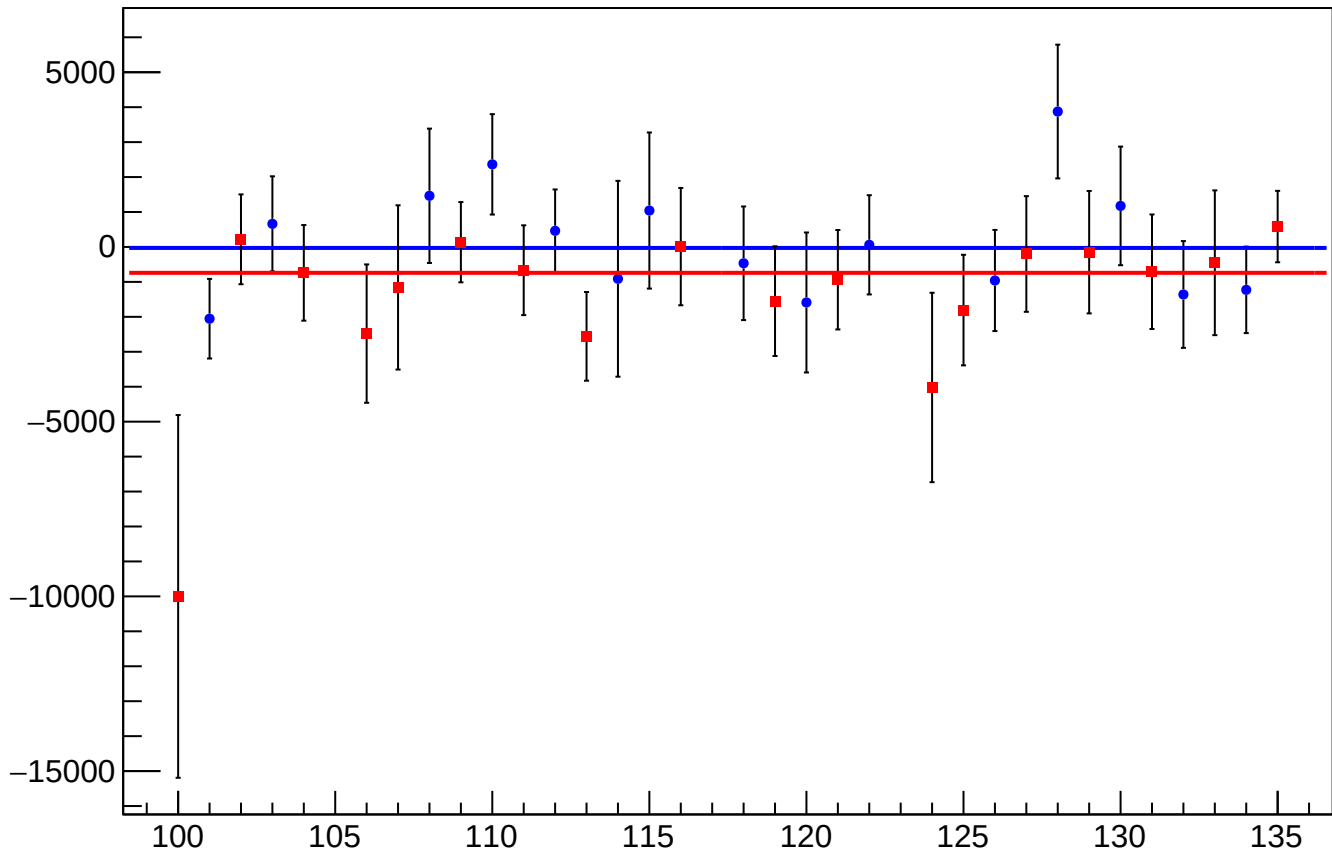
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.075+/-0.016 χ^2/NDF : 836014.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_mean vs Slug



Right In: -28.091+/-395.003 χ^2/NDF : 14.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -740.374+/-361.756 χ^2/NDF : 11.5/17

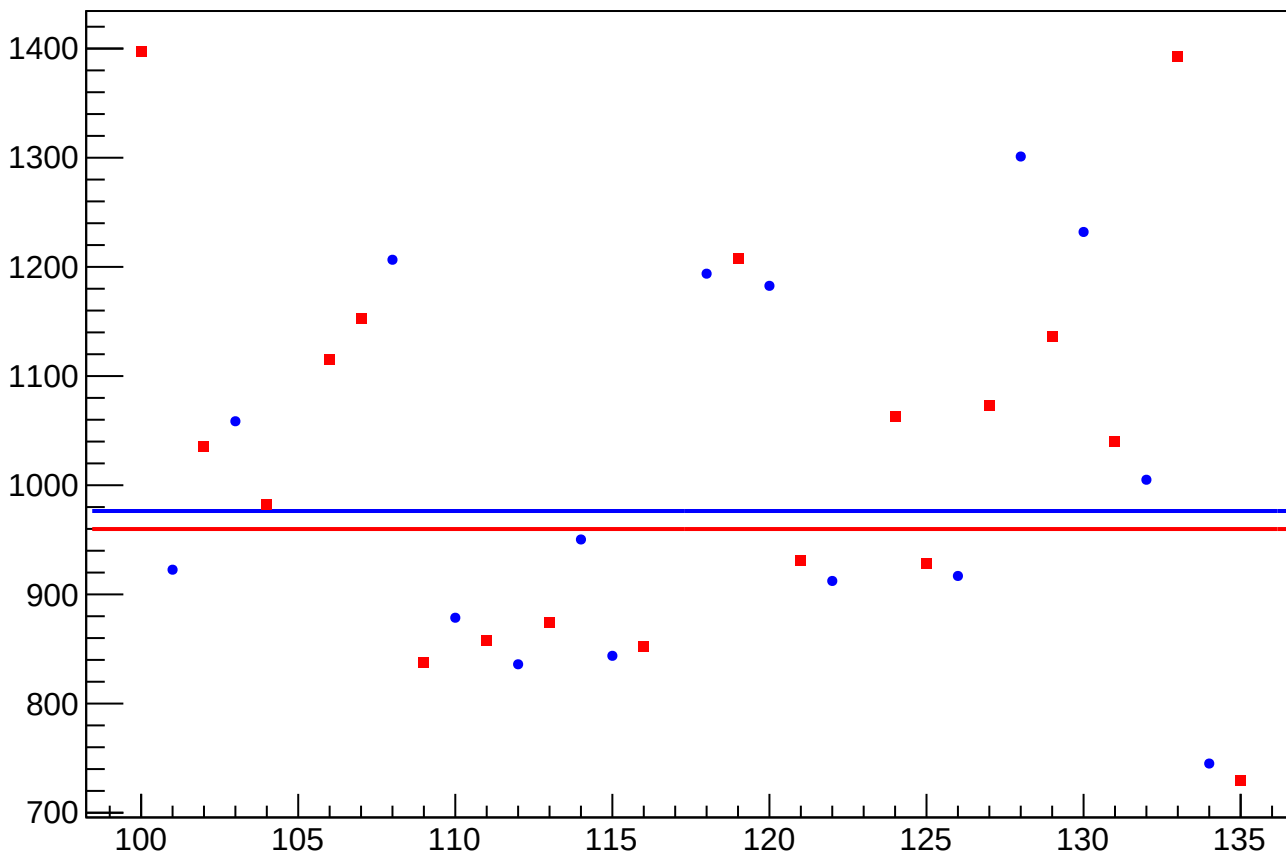
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -415.465+/-266.781 χ^2/NDF : 28.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_correction_rms vs Slug



Right In: 976.393+/-0.279 χ^2/NDF : 322994.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 959.882+/-0.256 χ^2/NDF : 377080.0/17

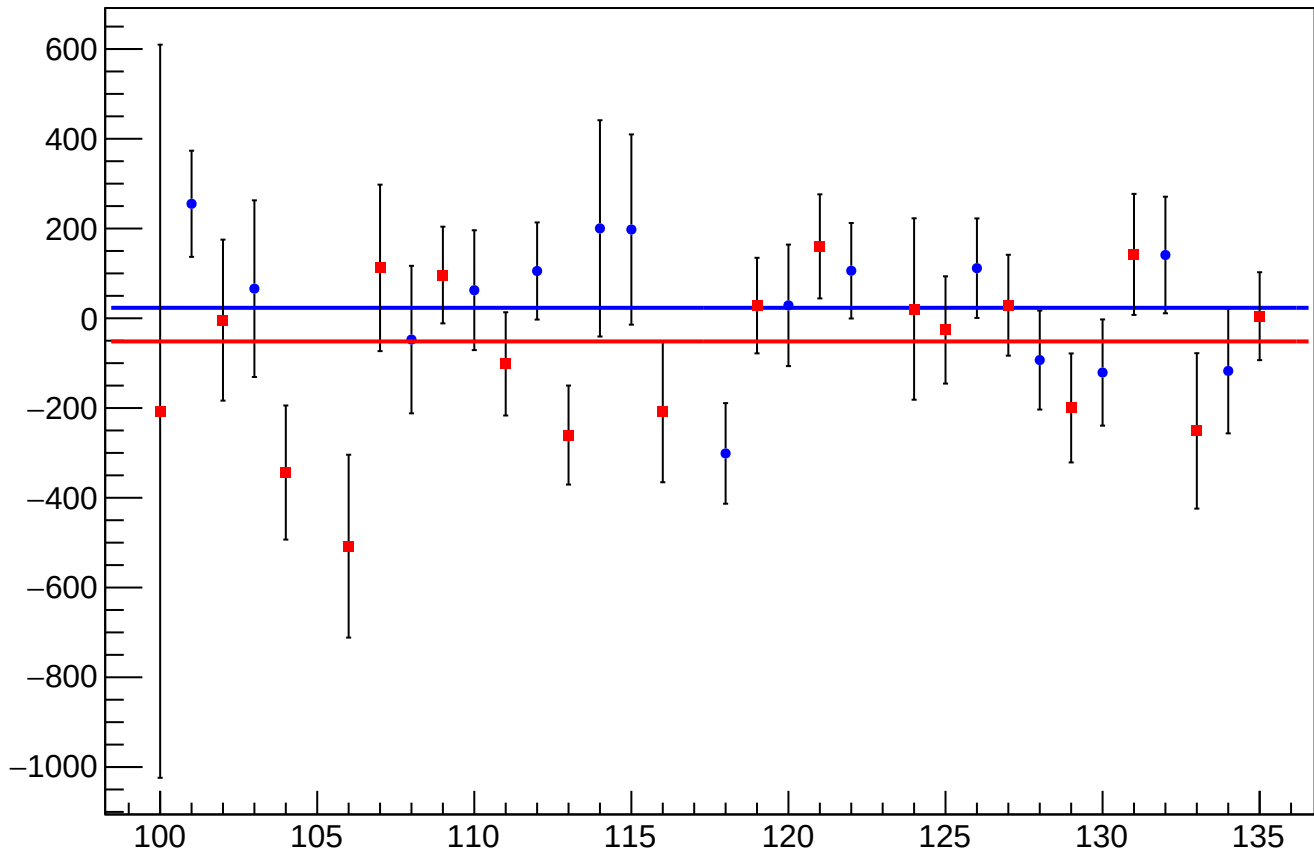
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 967.413+/-0.189 χ^2/NDF : 701974.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

eigen_dit_asym_sam_12345678_avg_mean vs Slug



Right In: 23.312 $\pm$ 33.642 χ^2 /NDF: 20.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -51.588 $\pm$ 31.444 χ^2 /NDF: 26.2/17

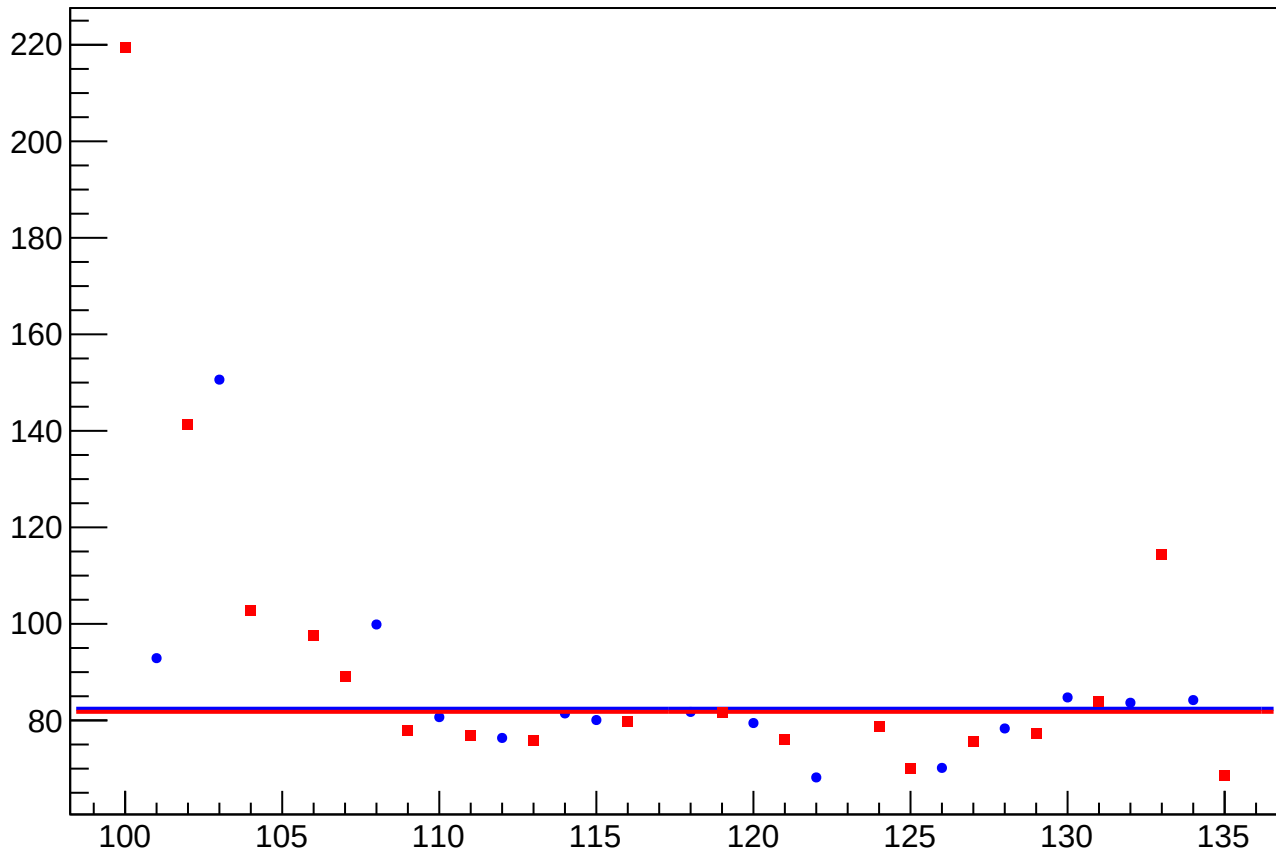
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -16.665 $\pm$ 22.972 χ^2 /NDF: 48.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

eigen_dit_asym_sam_12345678_avg_rms vs Slug



Right In: 82.417+/-0.024 χ^2/NDF : 350616.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 81.776+/-0.022 χ^2/NDF : 485021.9/17

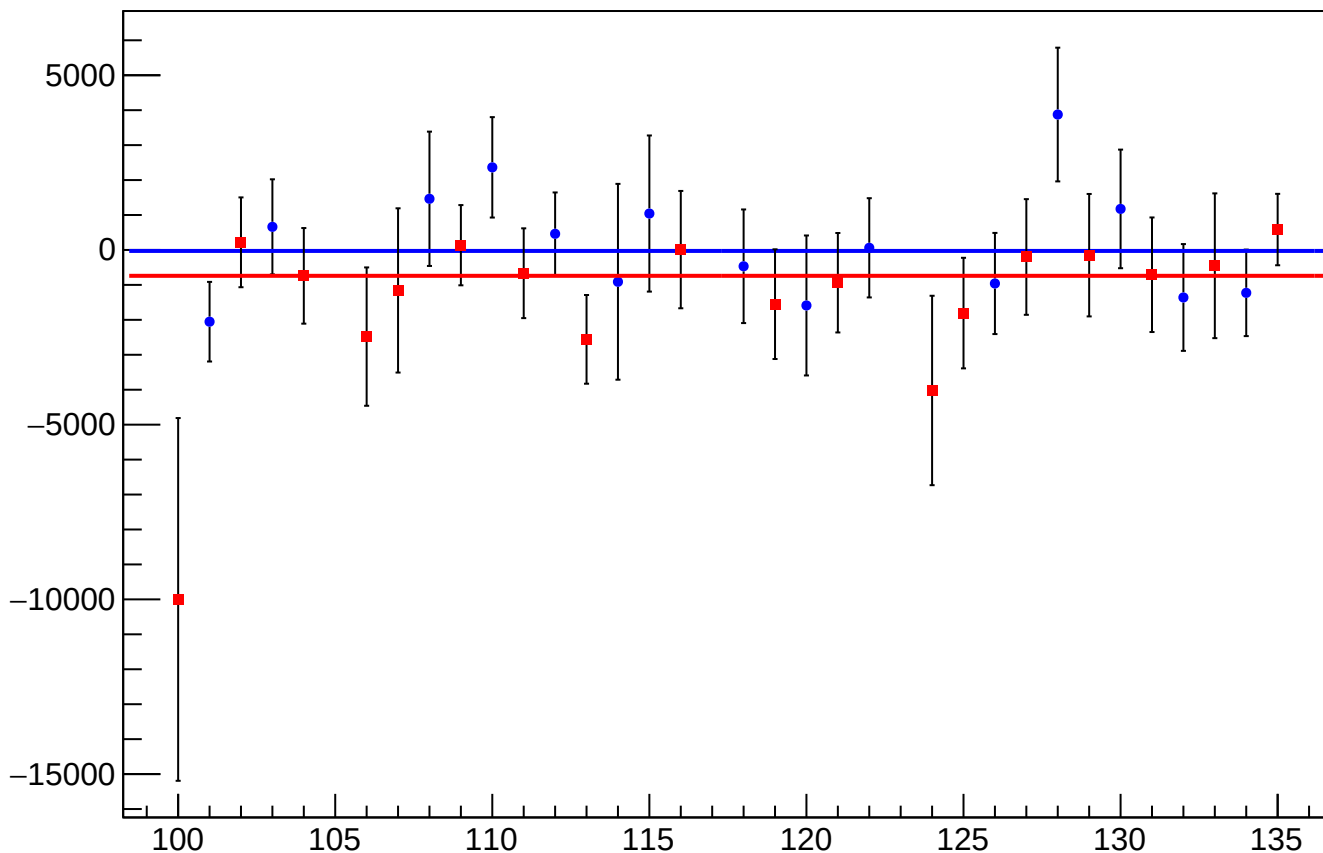
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 82.075+/-0.016 χ^2/NDF : 836026.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_mean vs Slug



Right In: -28.090 $\pm$ 395.002 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -740.372 $\pm$ 361.755 χ^2 /NDF: 11.5/17

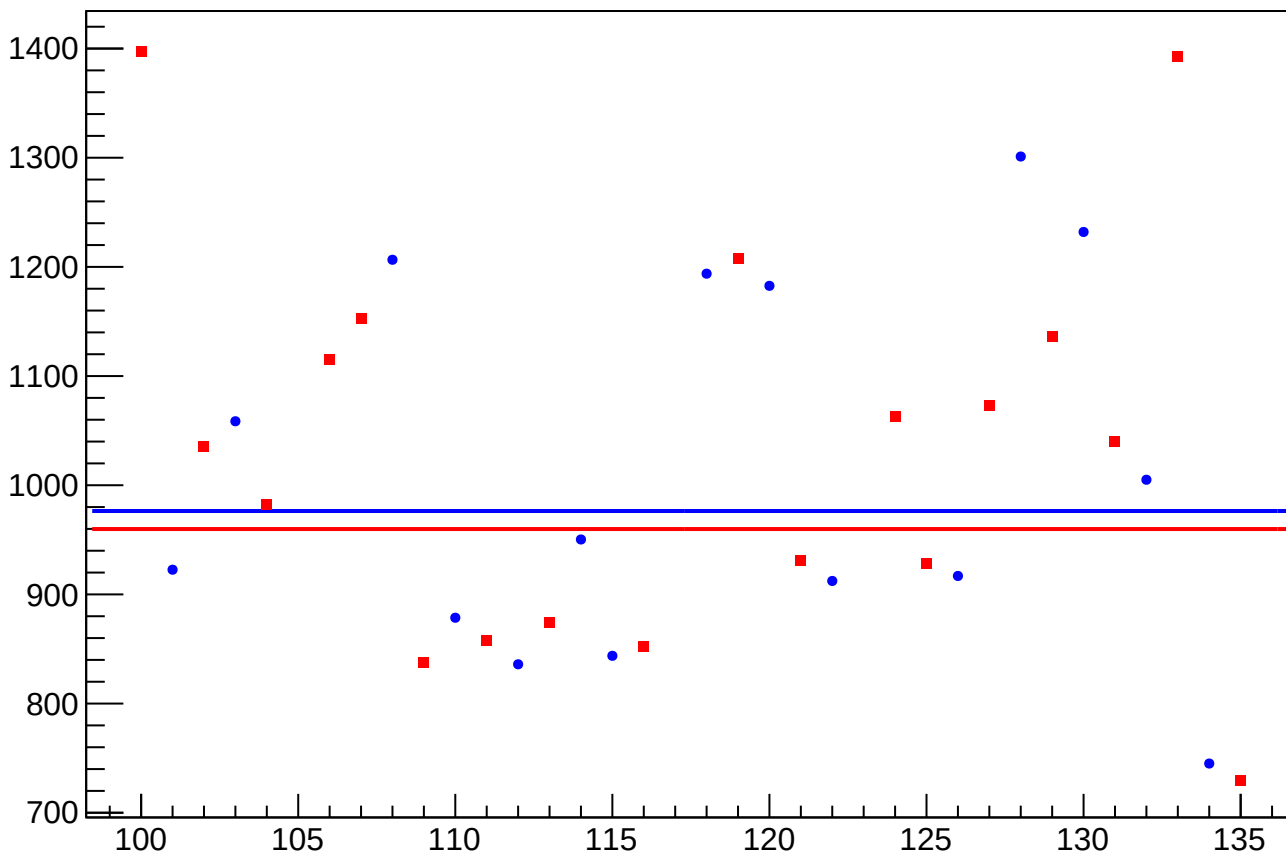
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -415.464 $\pm$ 266.780 χ^2 /NDF: 28.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_correction_rms vs Slug



Right In: 976.391 $\pm$ 0.279 χ^2 /NDF: 322995.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 959.879 $\pm$ 0.256 χ^2 /NDF: 377081.9/17

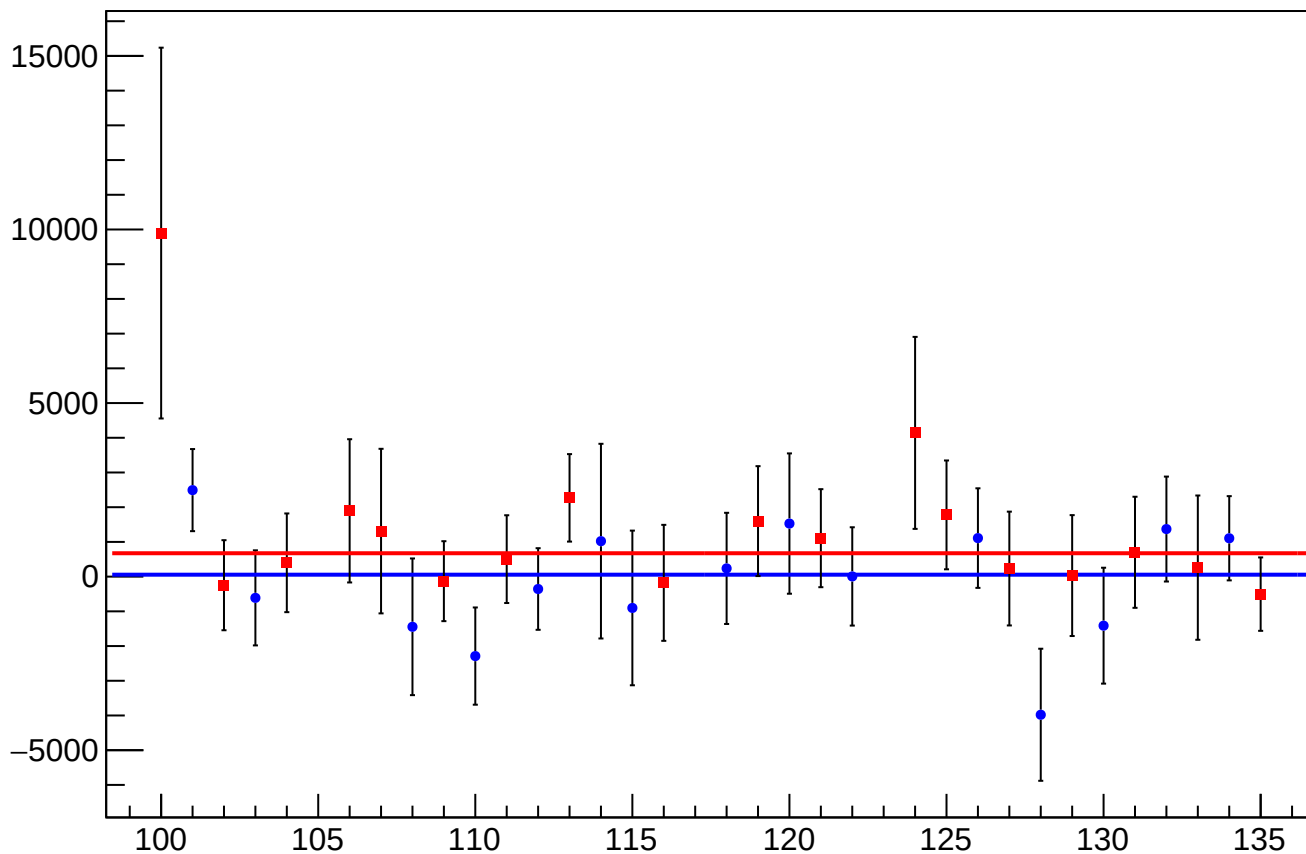
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 967.411 $\pm$ 0.189 χ^2 /NDF: 701978.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_mean vs Slug



Right In: 55.779+/-394.047 χ^2/NDF : 16.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 673.793+/-363.644 χ^2/NDF : 10.3/17

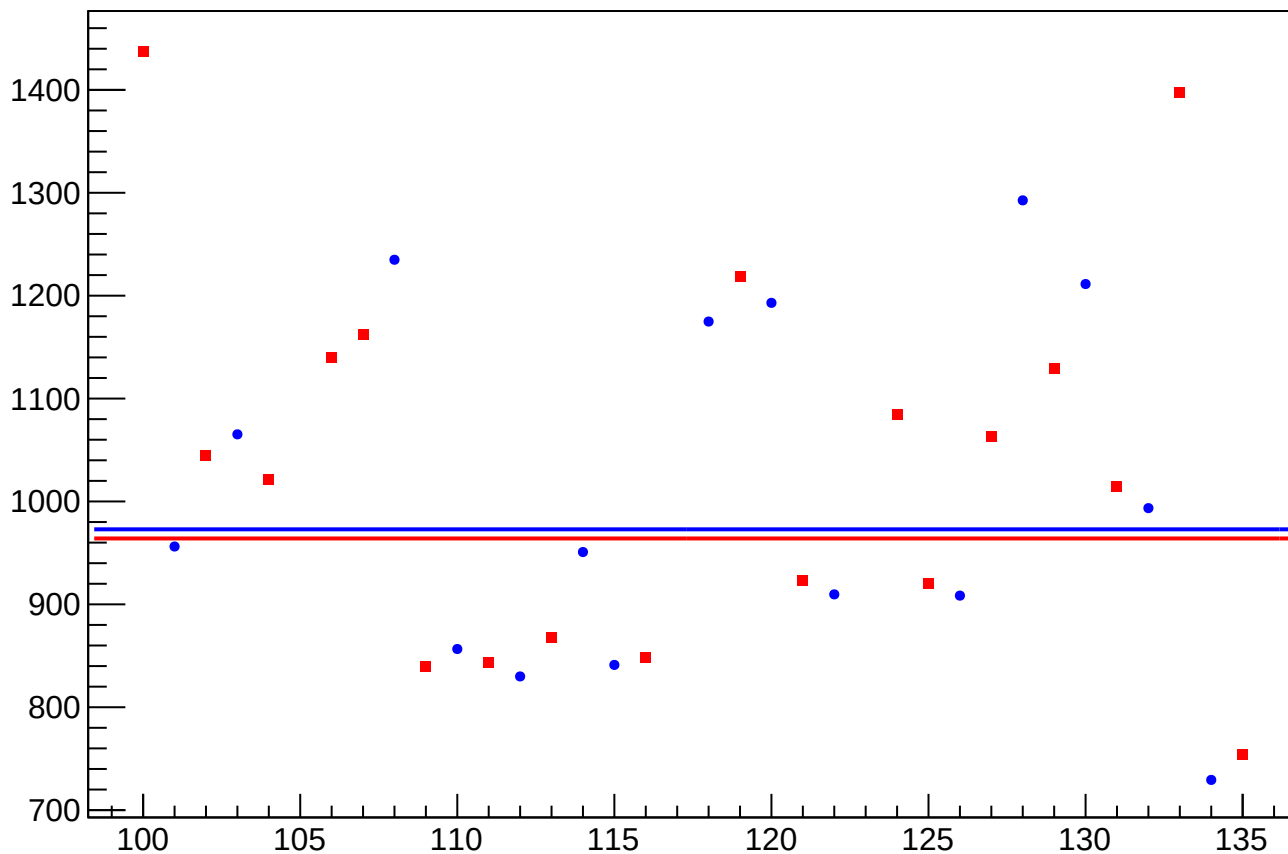
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 389.544+/-267.238 χ^2/NDF : 27.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_rms vs Slug



Right In: 972.915+/-0.279 χ^2/NDF : 337235.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 964.038+/-0.257 χ^2/NDF : 369889.9/17

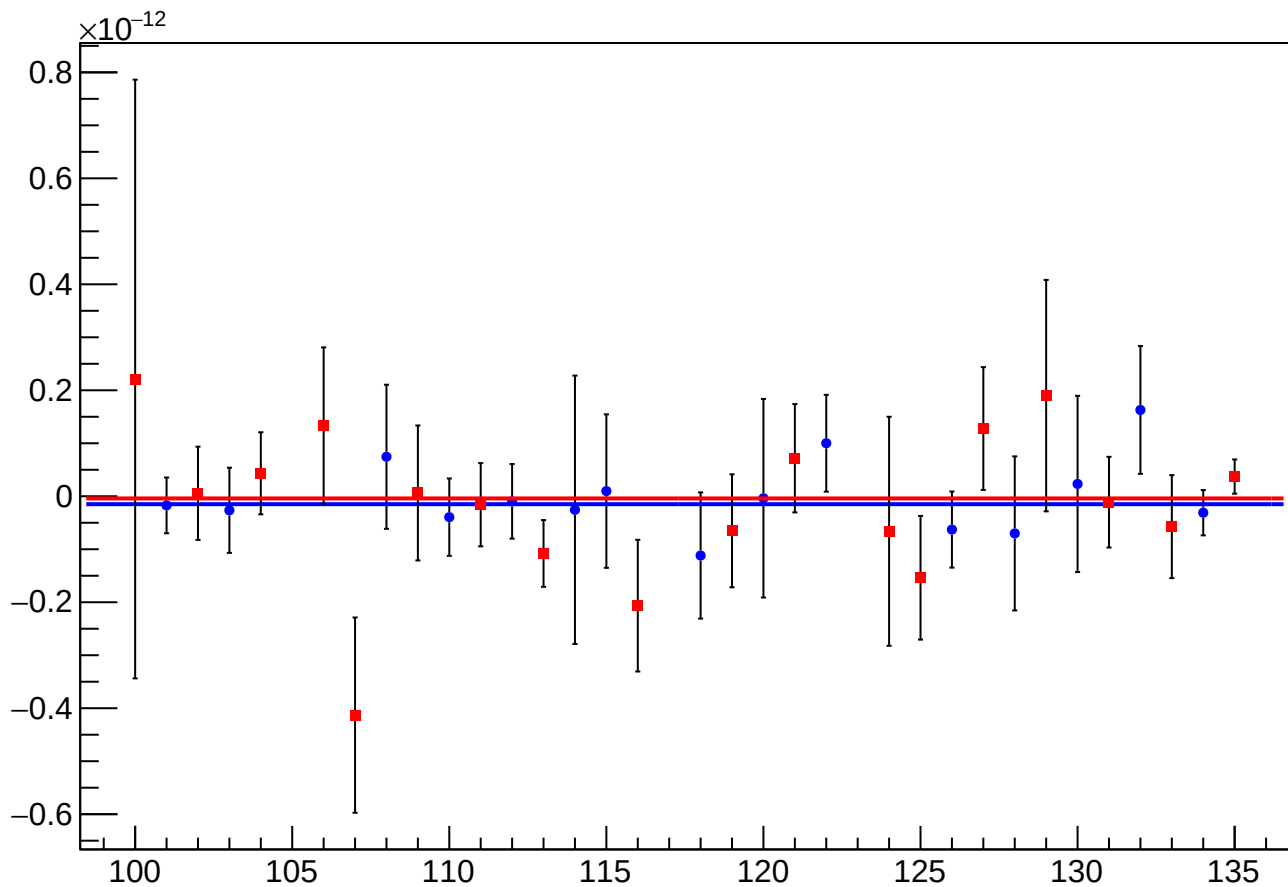
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 968.121+/-0.189 χ^2/NDF : 707673.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 5.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.000+/-0.000 χ^2/NDF : 18.4/17

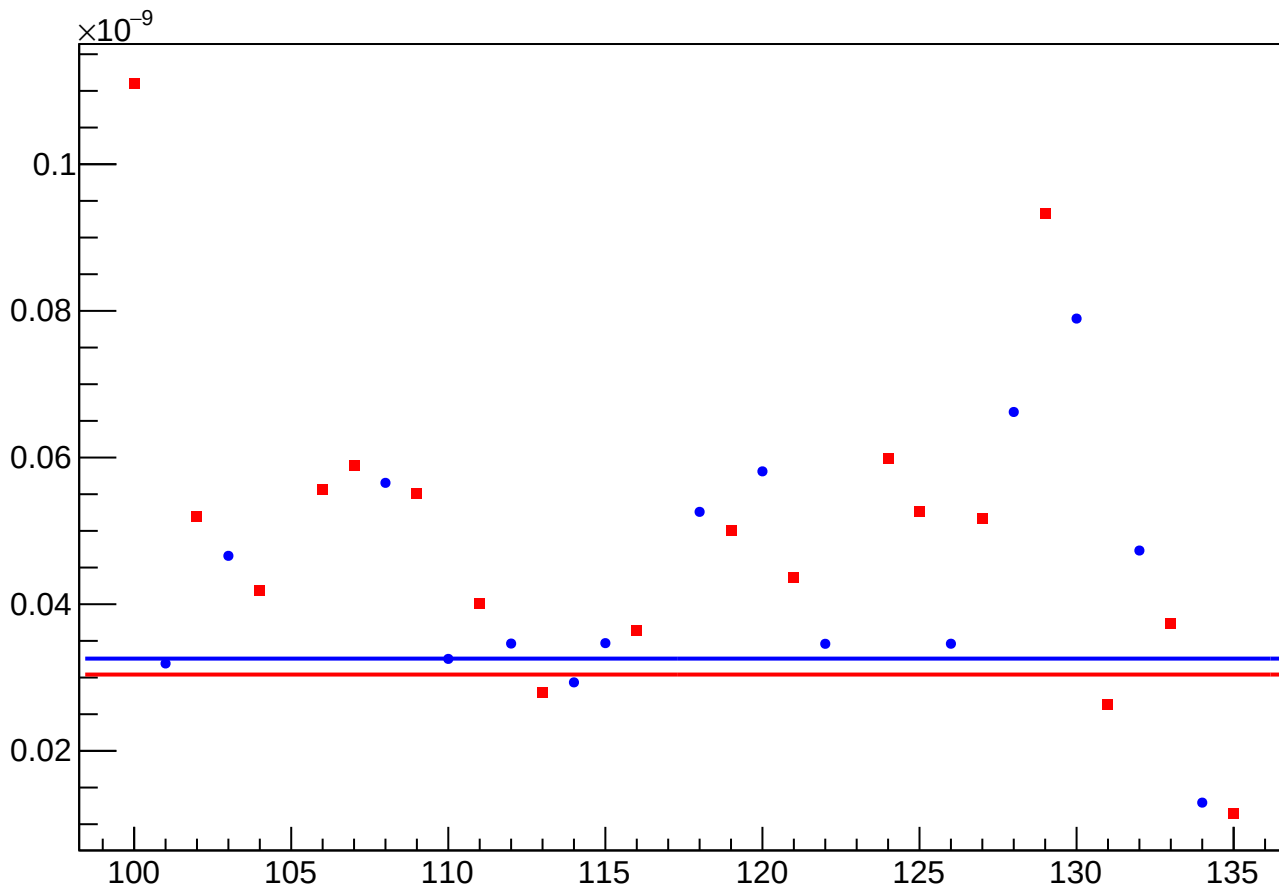
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.000+/-0.000 χ^2/NDF : 24.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_reg_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 936258.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 1571245.0/17

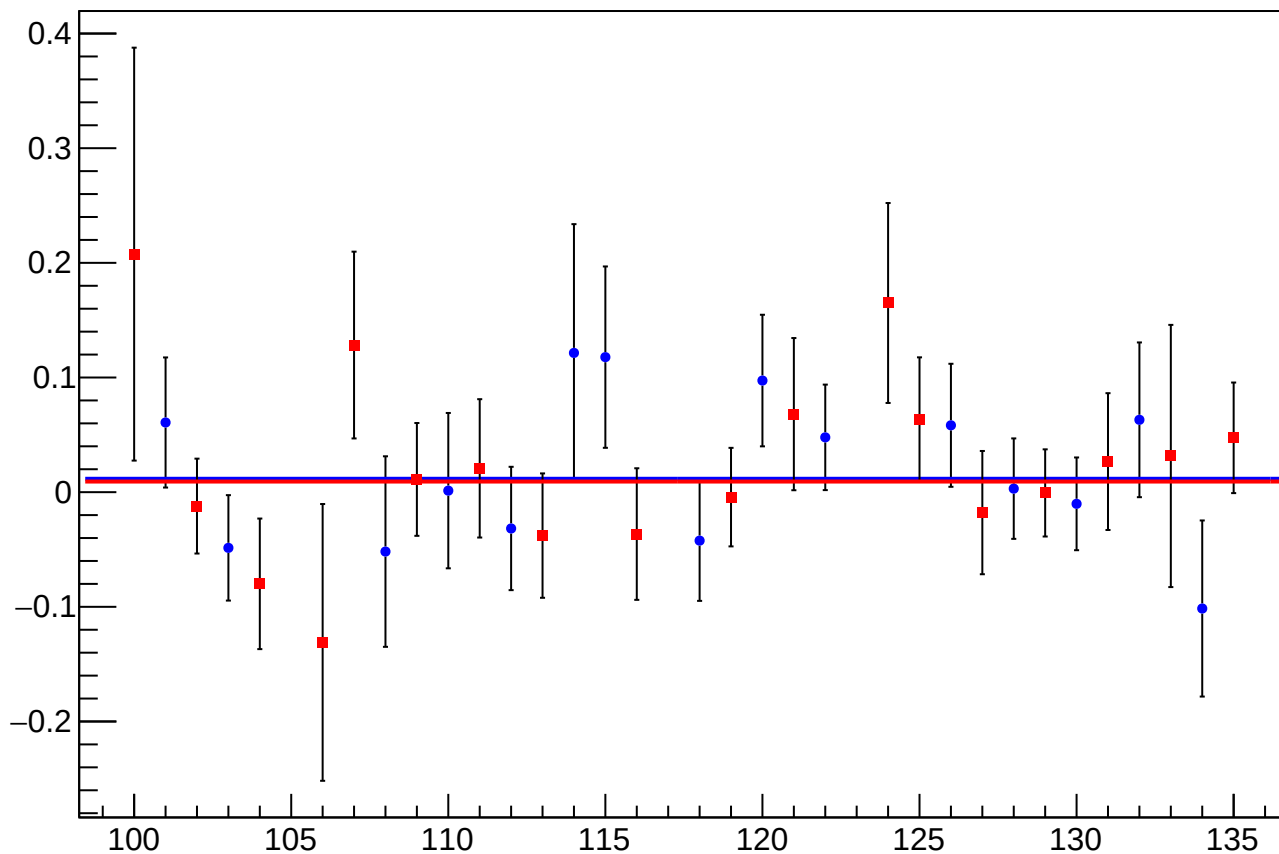
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 2518374.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

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

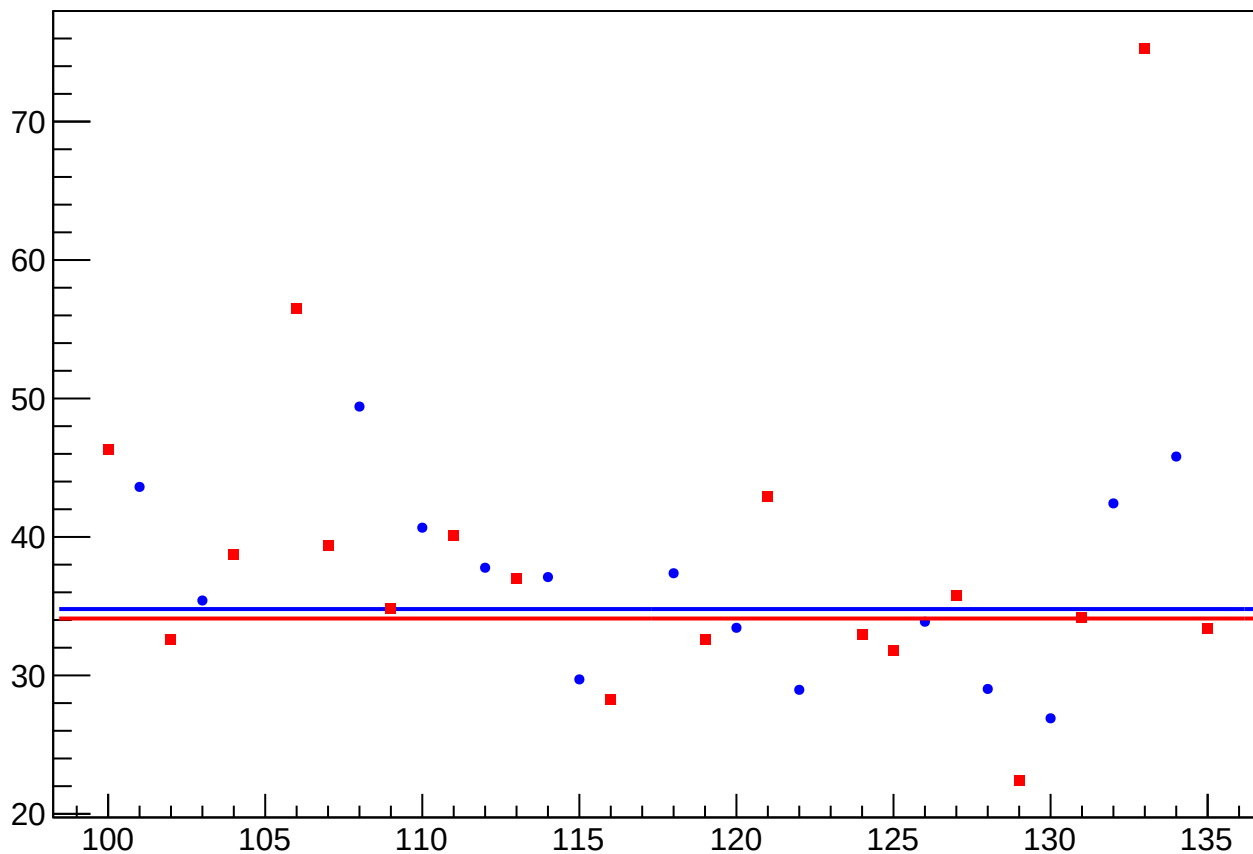
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.010 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_cor_diff_rms vs Slug



Right In: 34.792 $\pm$ 0.010 χ^2 /NDF: 357217.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.109 $\pm$ 0.010 χ^2 /NDF: 641444.9/17

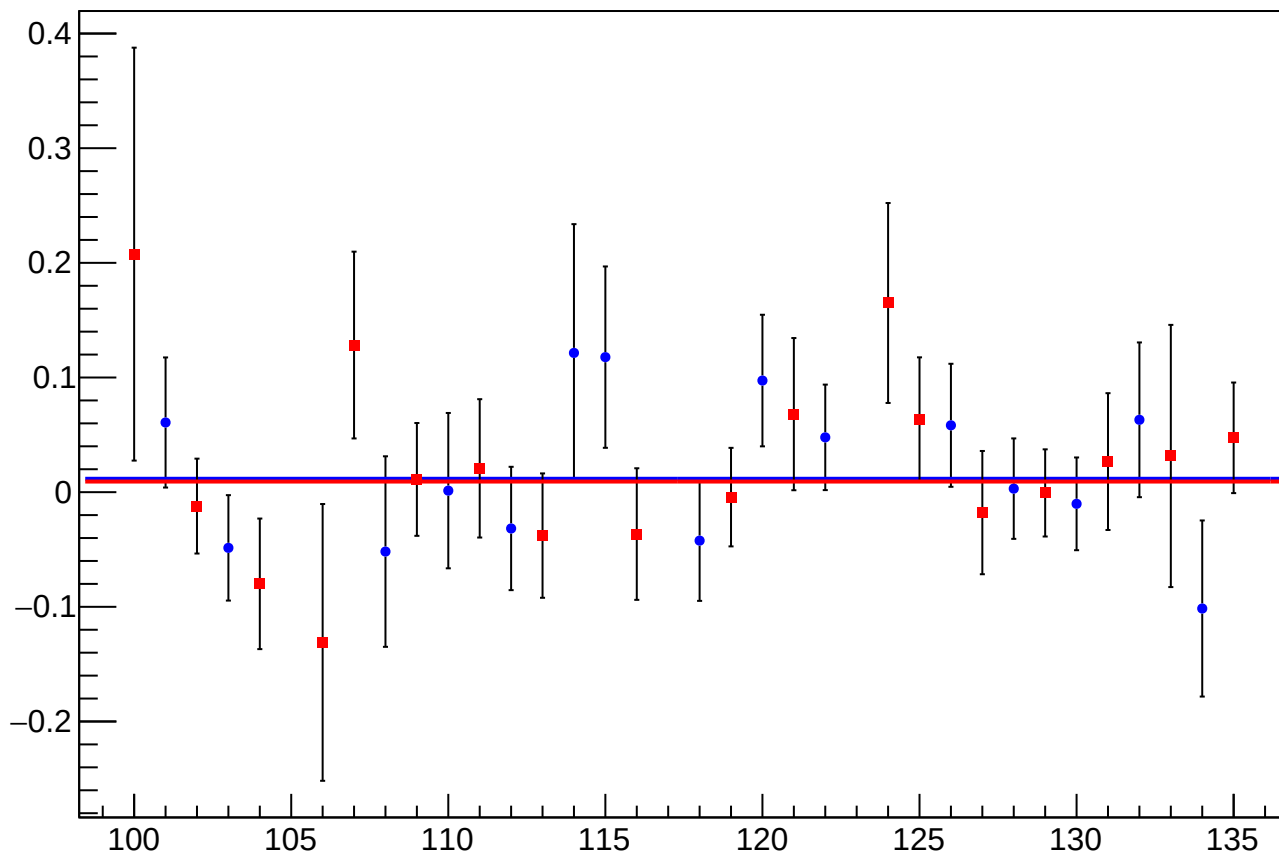
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.424 $\pm$ 0.007 χ^2 /NDF: 1001046.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

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

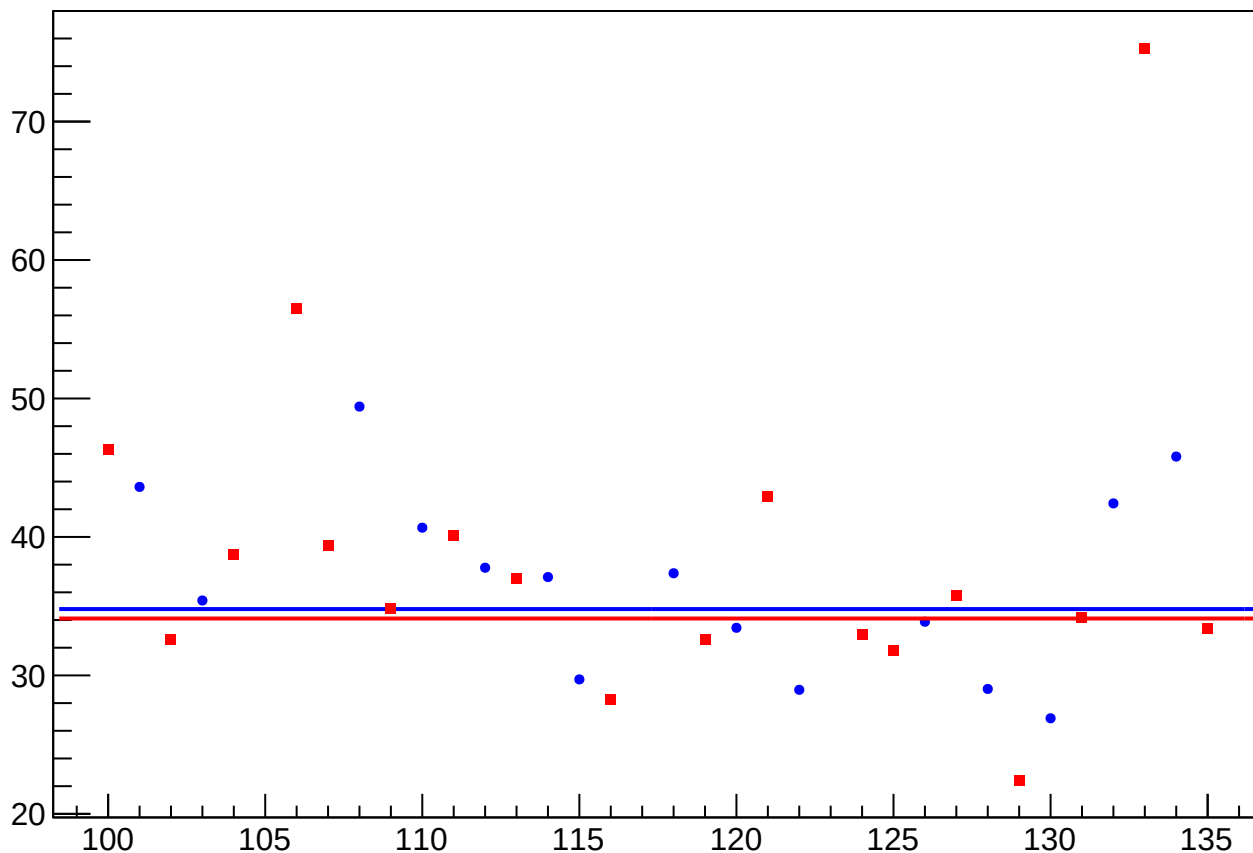
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.010 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.792 $\pm$ 0.010 χ^2 /NDF: 357217.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.109 $\pm$ 0.010 χ^2 /NDF: 641444.9/17

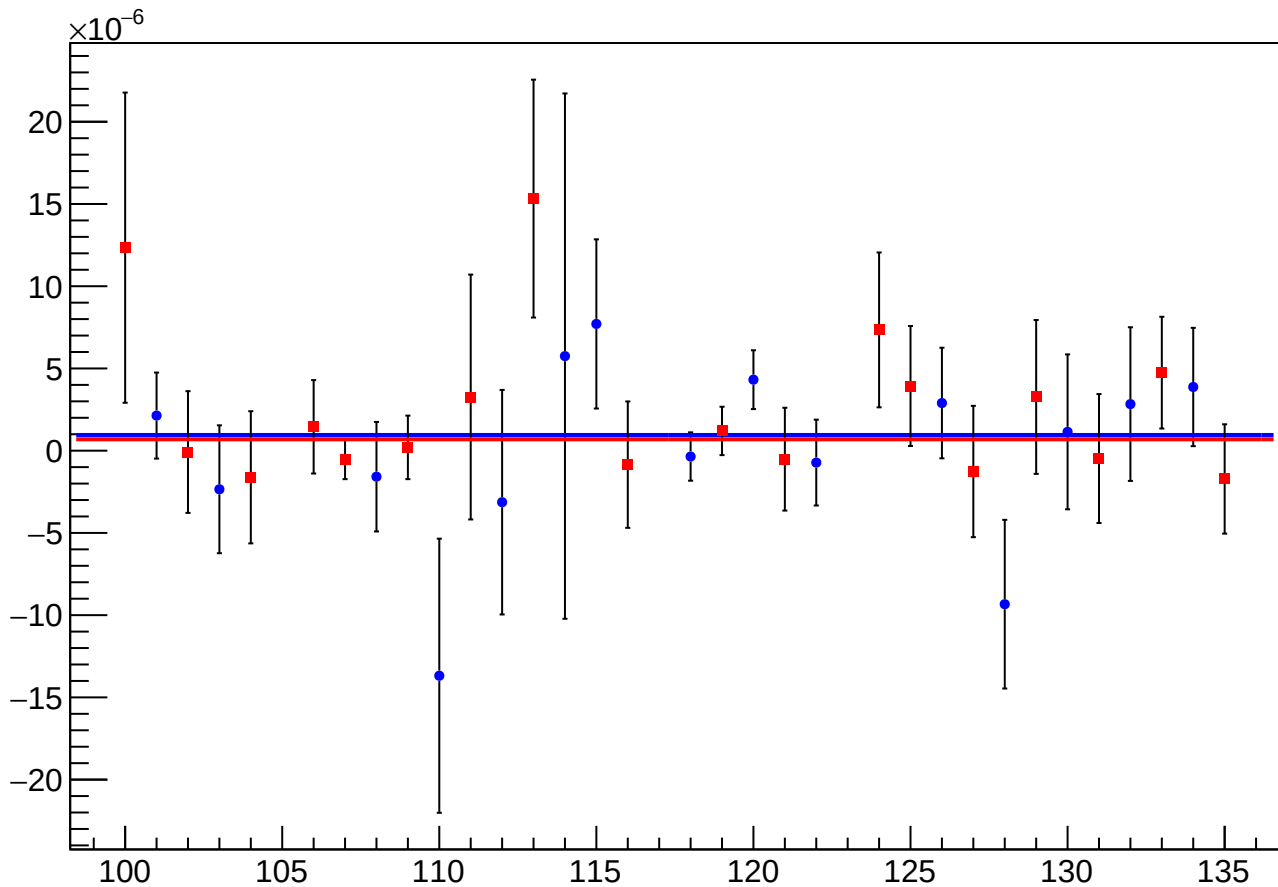
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.424 $\pm$ 0.007 χ^2 /NDF: 1001046.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 16.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 13.0/17

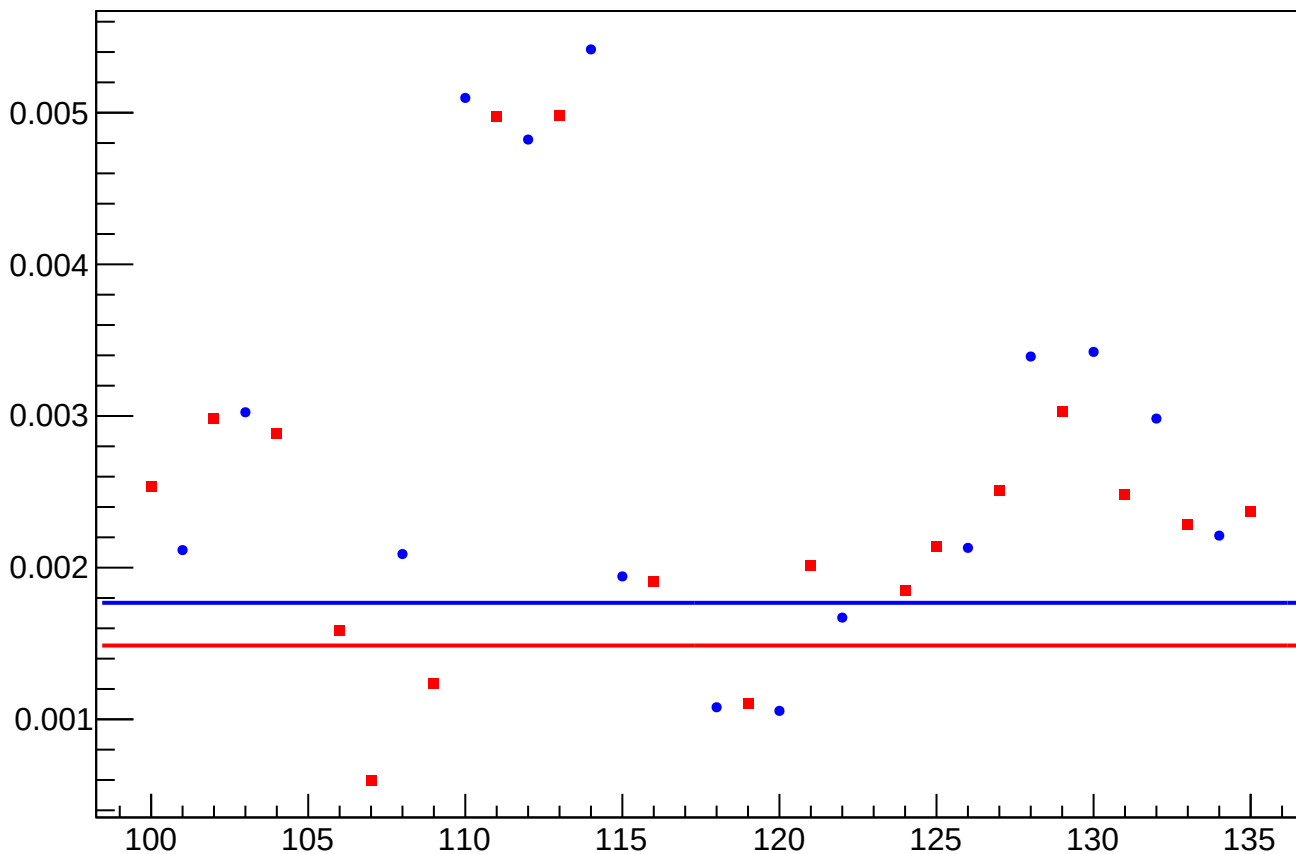
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.000 $\pm$ 0.000 χ^2 /NDF: 29.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_dit_diff_rms vs Slug



Right In: 0.002+/-0.000 χ^2/NDF : 2484659.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.001+/-0.000 χ^2/NDF : 3634596.9/17

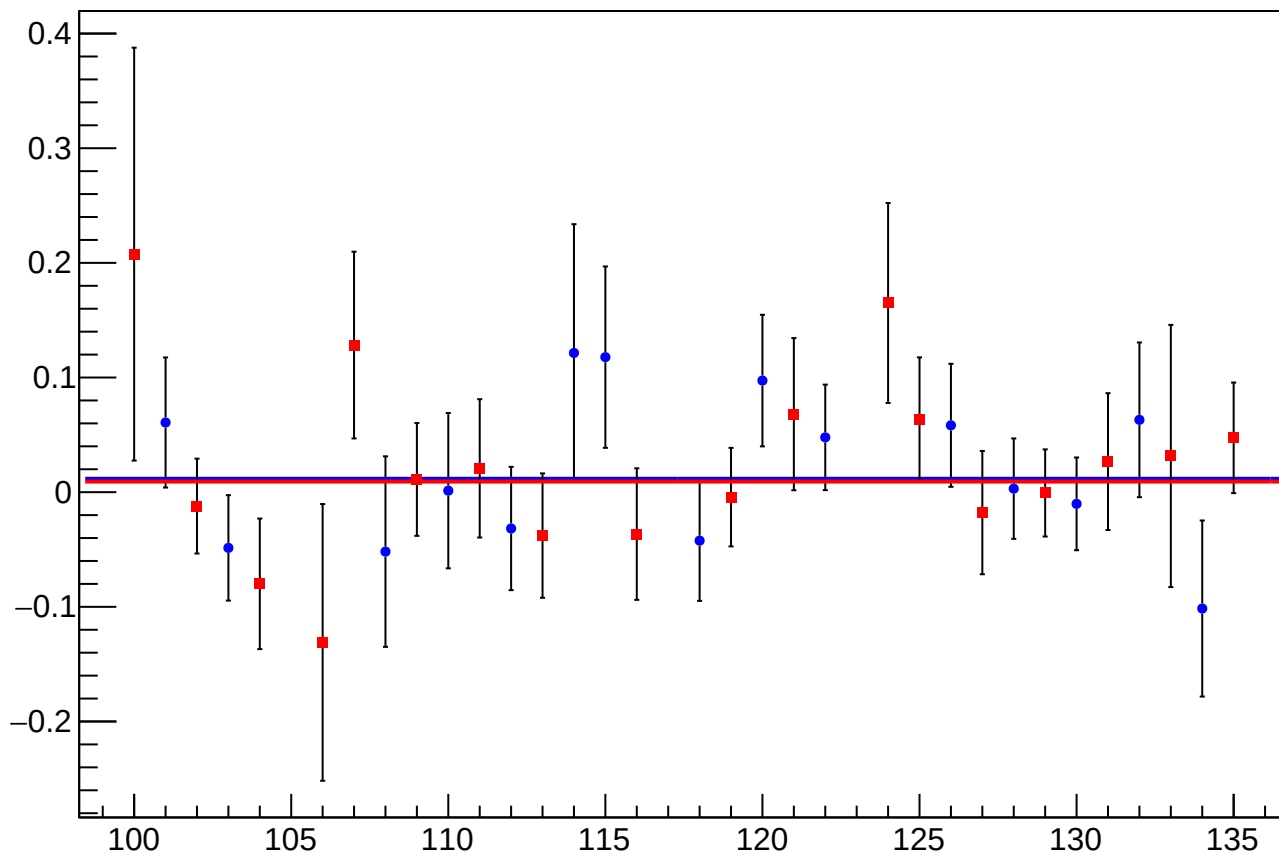
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.002+/-0.000 χ^2/NDF : 6270240.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

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

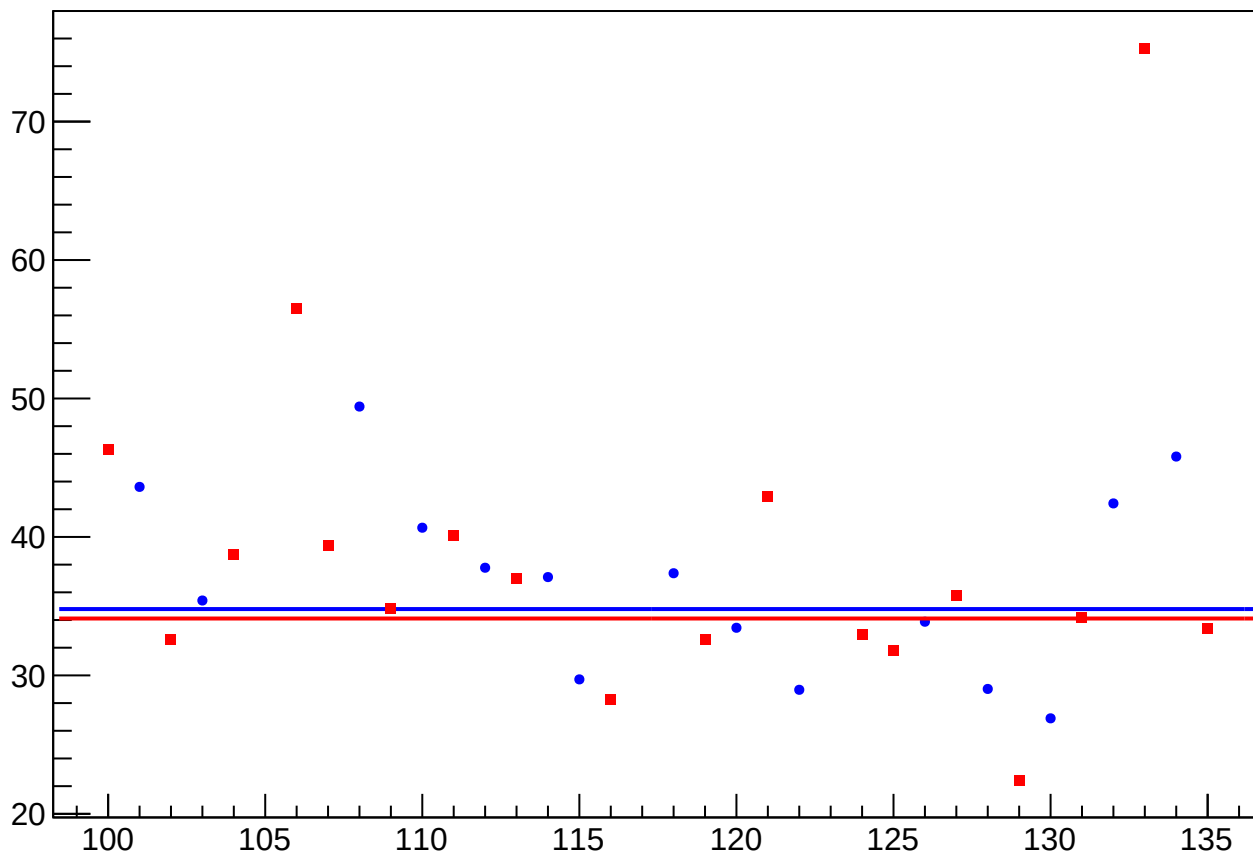
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.010 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_cor_diff_rms vs Slug



Right In: 34.791 $\pm$ 0.010 χ^2 /NDF: 357282.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.109 $\pm$ 0.010 χ^2 /NDF: 641489.5/17

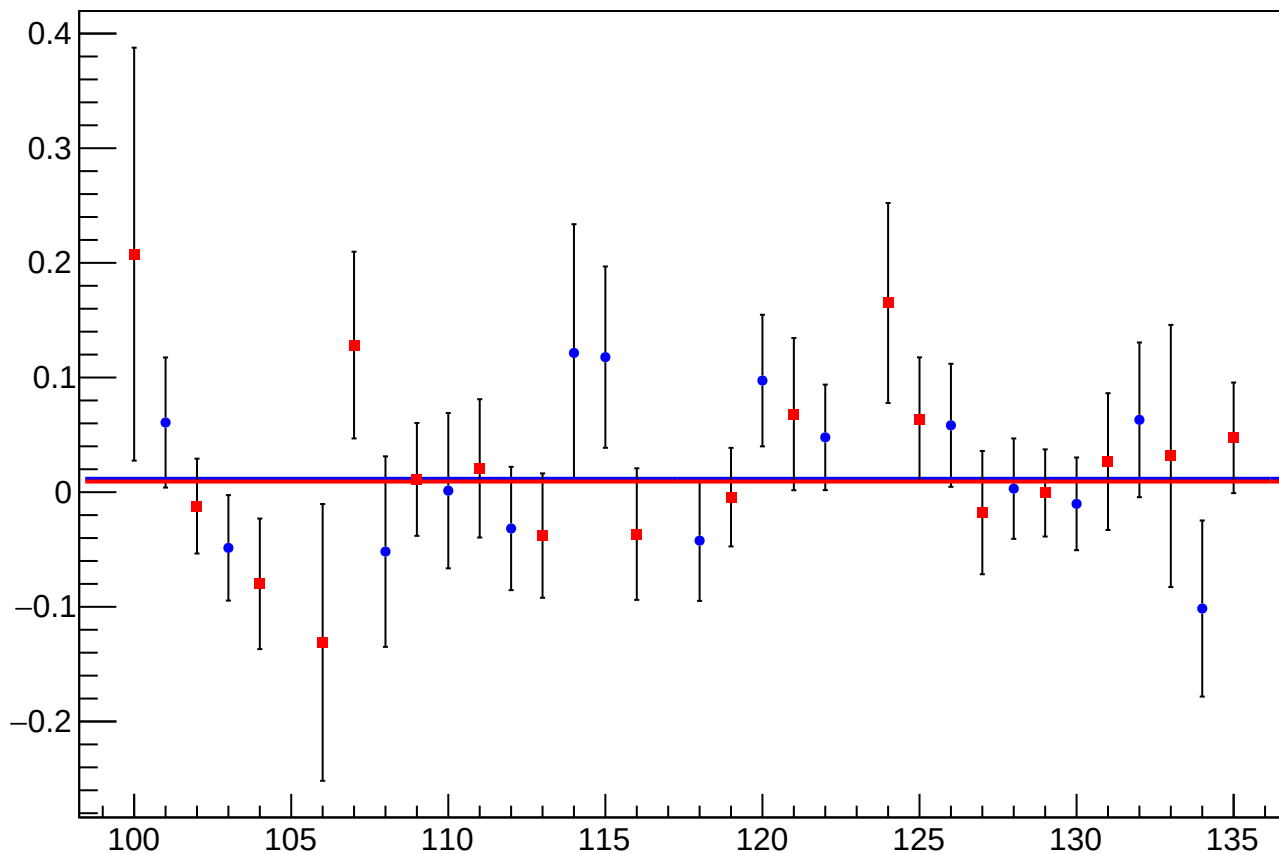
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.423 $\pm$ 0.007 χ^2 /NDF: 1001153.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_mean vs Slug



Right In: 0.012 $\pm$ 0.015 χ^2 /NDF: 14.2/14

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

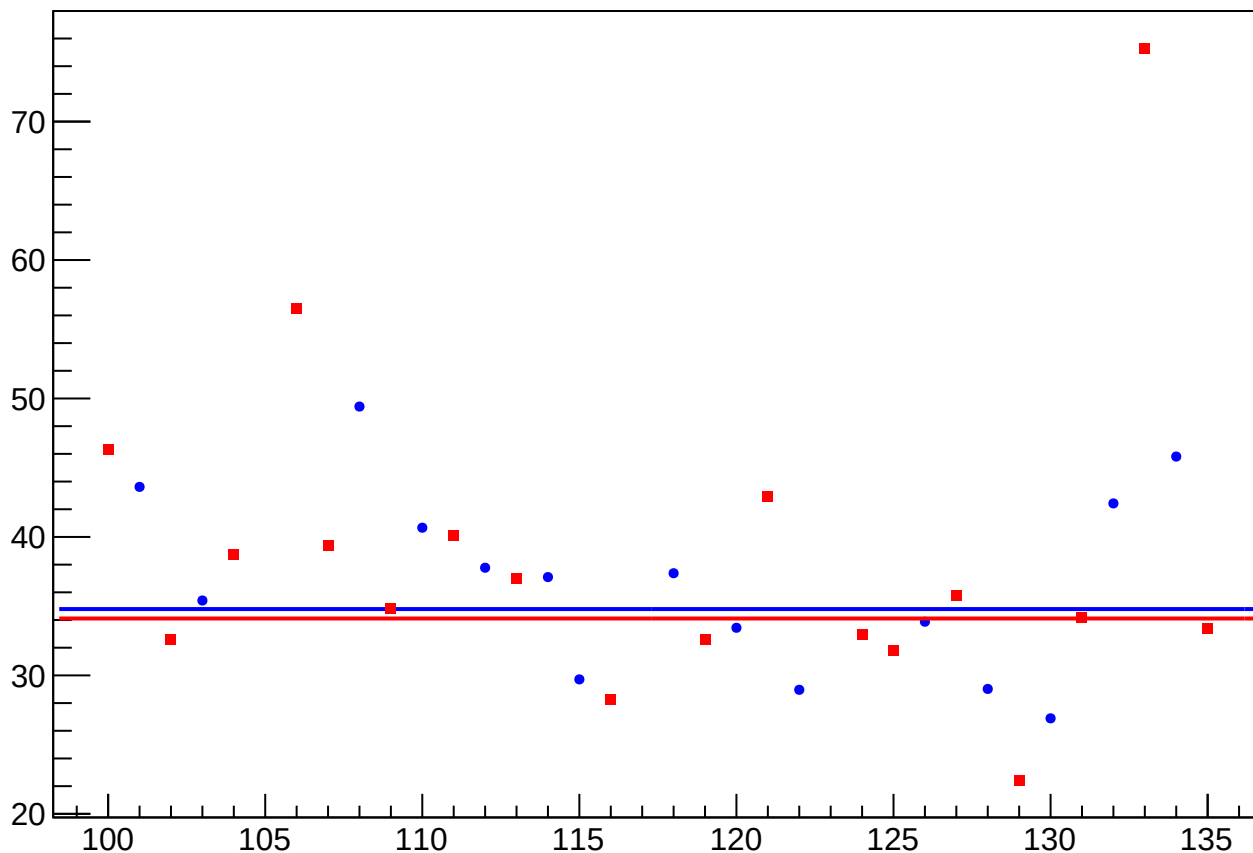
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.010 χ^2 /NDF: 29.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_dit_vs_eigen_cor_diff_rms vs Slug



Right In: 34.791 $\pm$ 0.010 χ^2 /NDF: 357282.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 34.109 $\pm$ 0.010 χ^2 /NDF: 641489.5/17

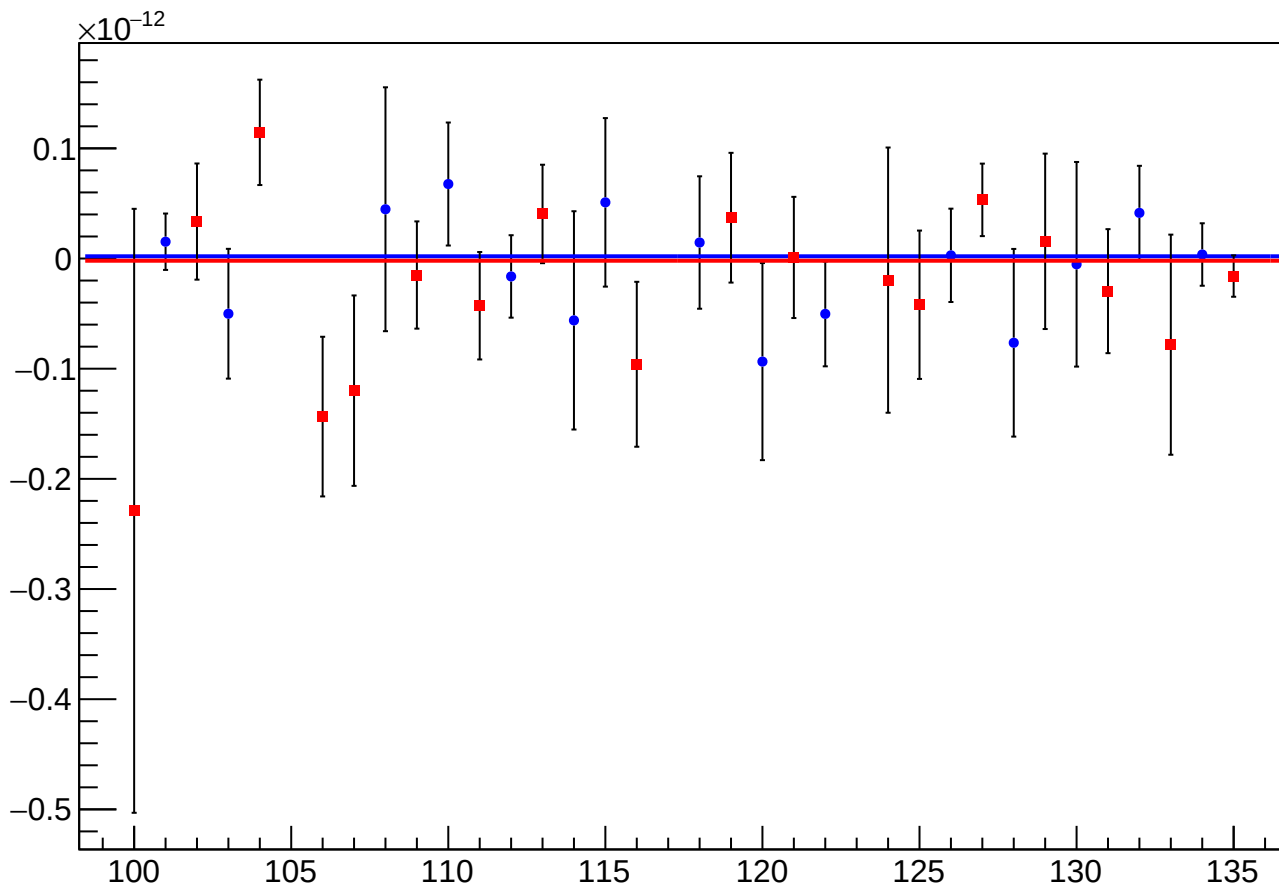
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 34.423 $\pm$ 0.007 χ^2 /NDF: 1001153.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_mean vs Slug



Right In: 0.000 $\pm$ 0.000 χ^2 /NDF: 7.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.000 $\pm$ 0.000 χ^2 /NDF: 21.1/17

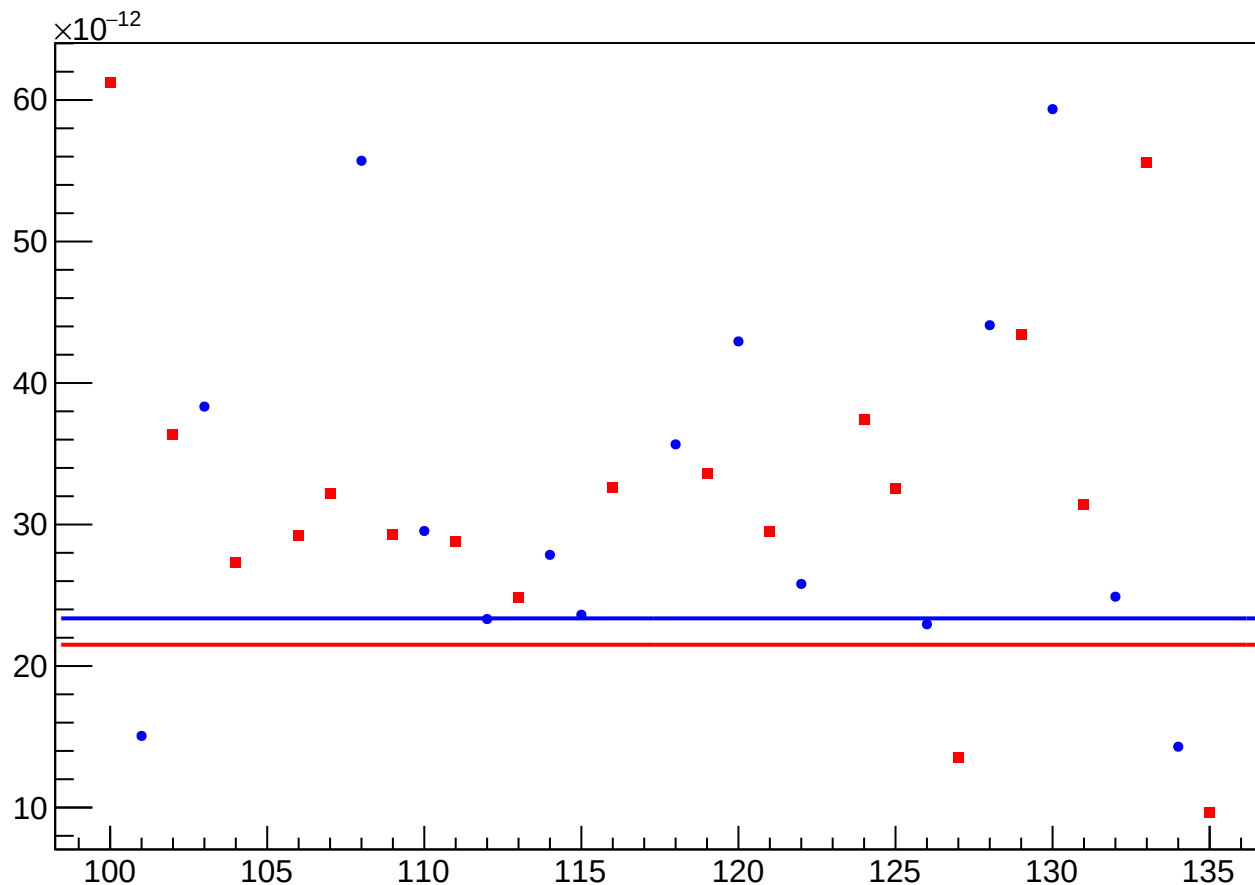
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.000 $\pm$ 0.000 χ^2 /NDF: 28.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

asym_sam_12345678_avg_eigen_cor_vs_cor_diff_rms vs Slug



Right In: 0.000+/-0.000 χ^2/NDF : 1349972.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.000+/-0.000 χ^2/NDF : 2011463.6/17

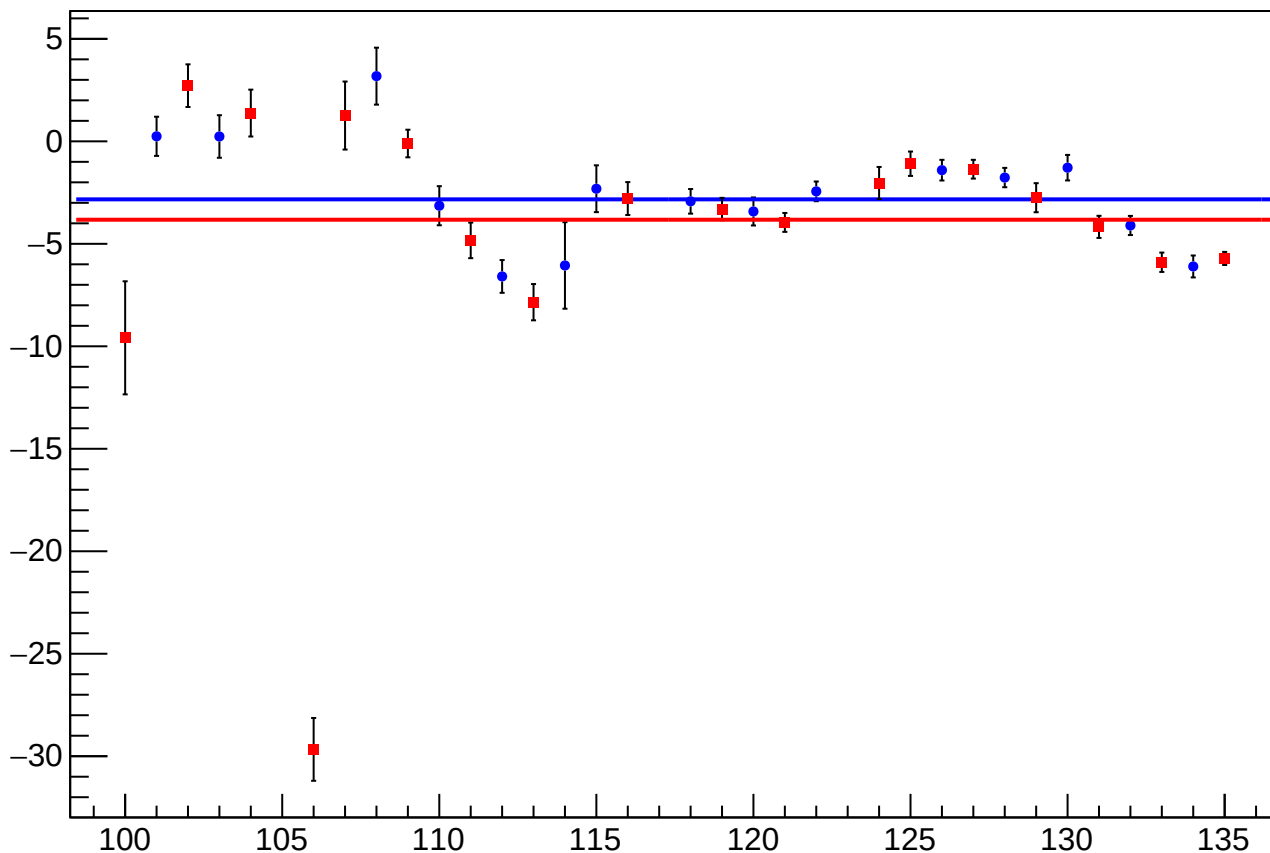
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.000+/-0.000 χ^2/NDF : 3386439.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm1X_slope vs Slug



Right In: -2.831 ± 0.170 χ^2/NDF : 128.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.824 ± 0.147 χ^2/NDF : 525.9/17

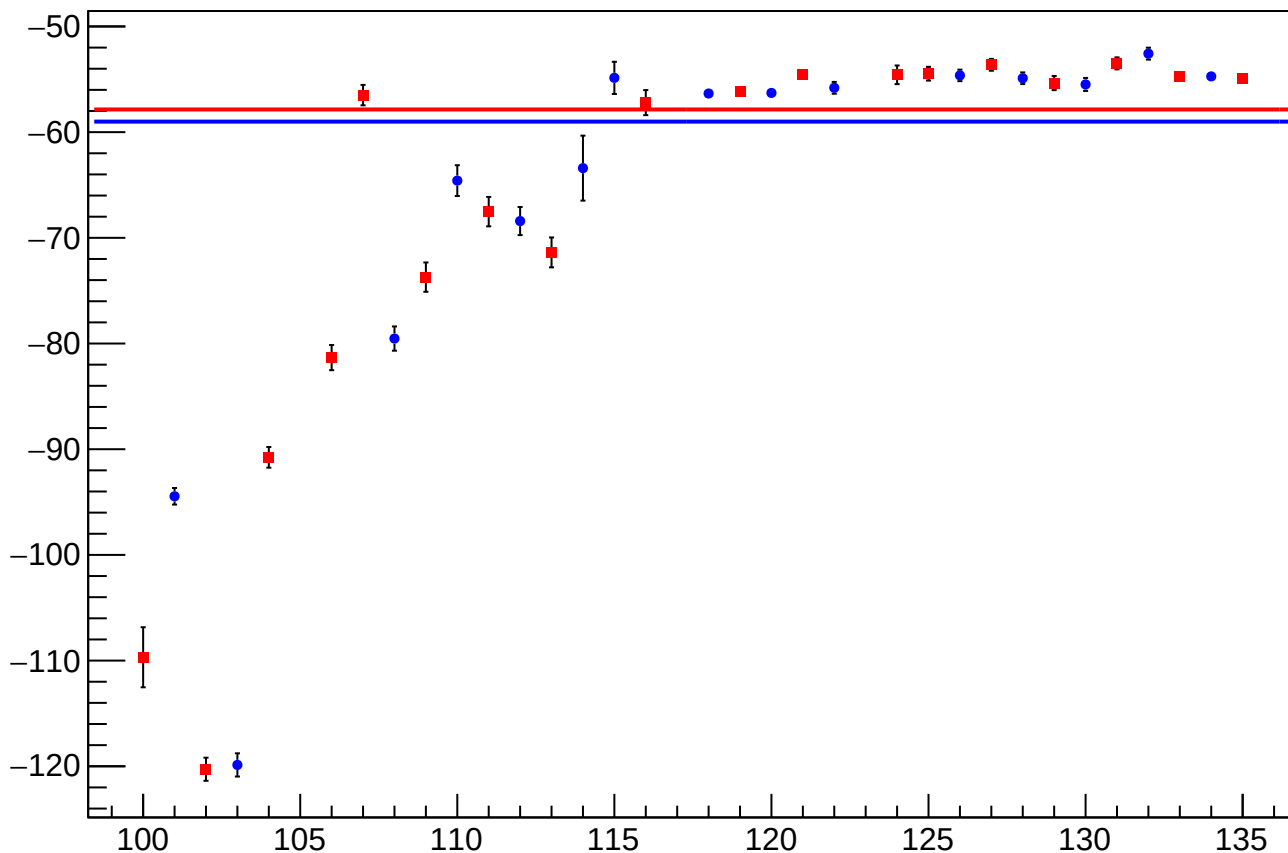
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.398 ± 0.111 χ^2/NDF : 673.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4aY_slope vs Slug



Right In: -59.004 ± 0.159 χ^2/NDF : 6032.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -57.854 ± 0.143 χ^2/NDF : 5790.9/17

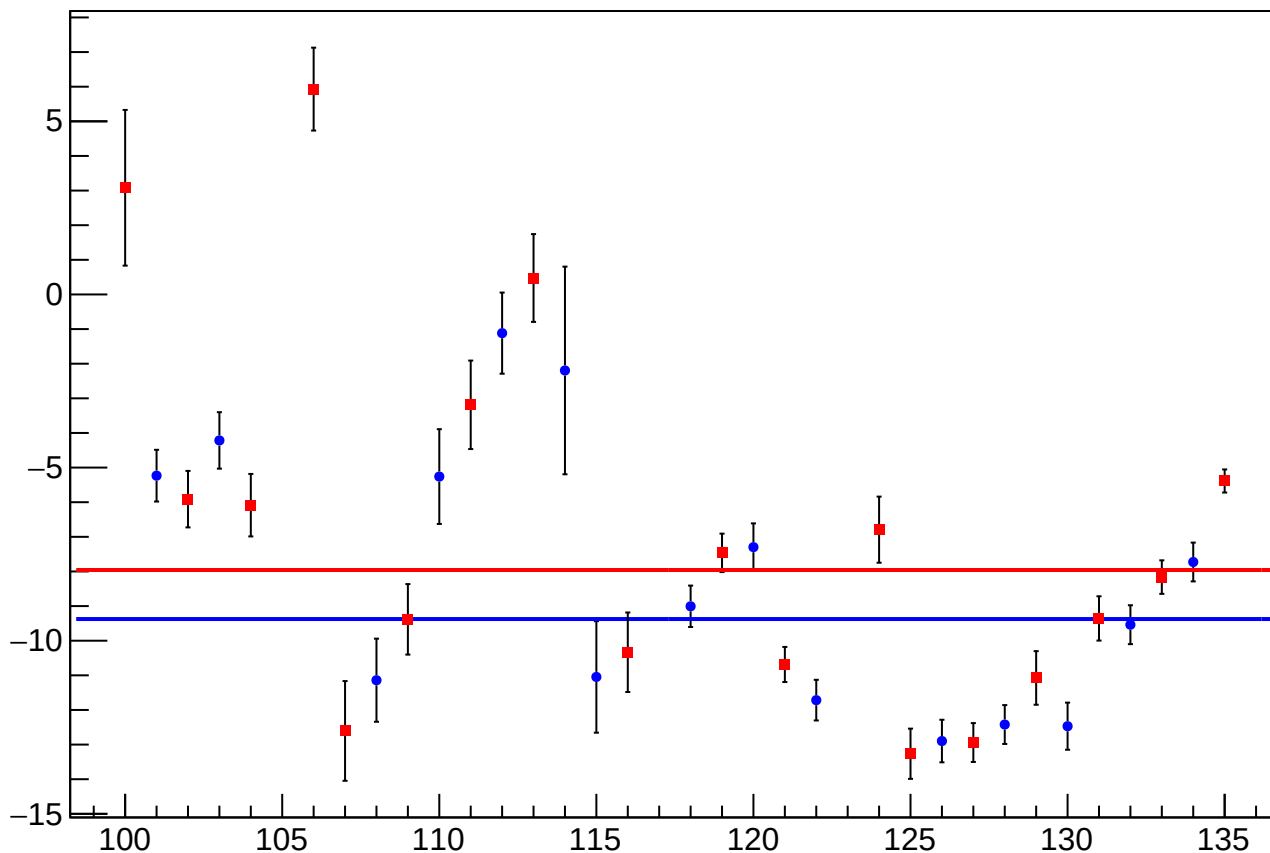
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -58.372 ± 0.106 χ^2/NDF : 11852.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eX_slope vs Slug



Right In: -9.374 ± 0.189 χ^2/NDF : 255.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.958 ± 0.163 χ^2/NDF : 488.4/17

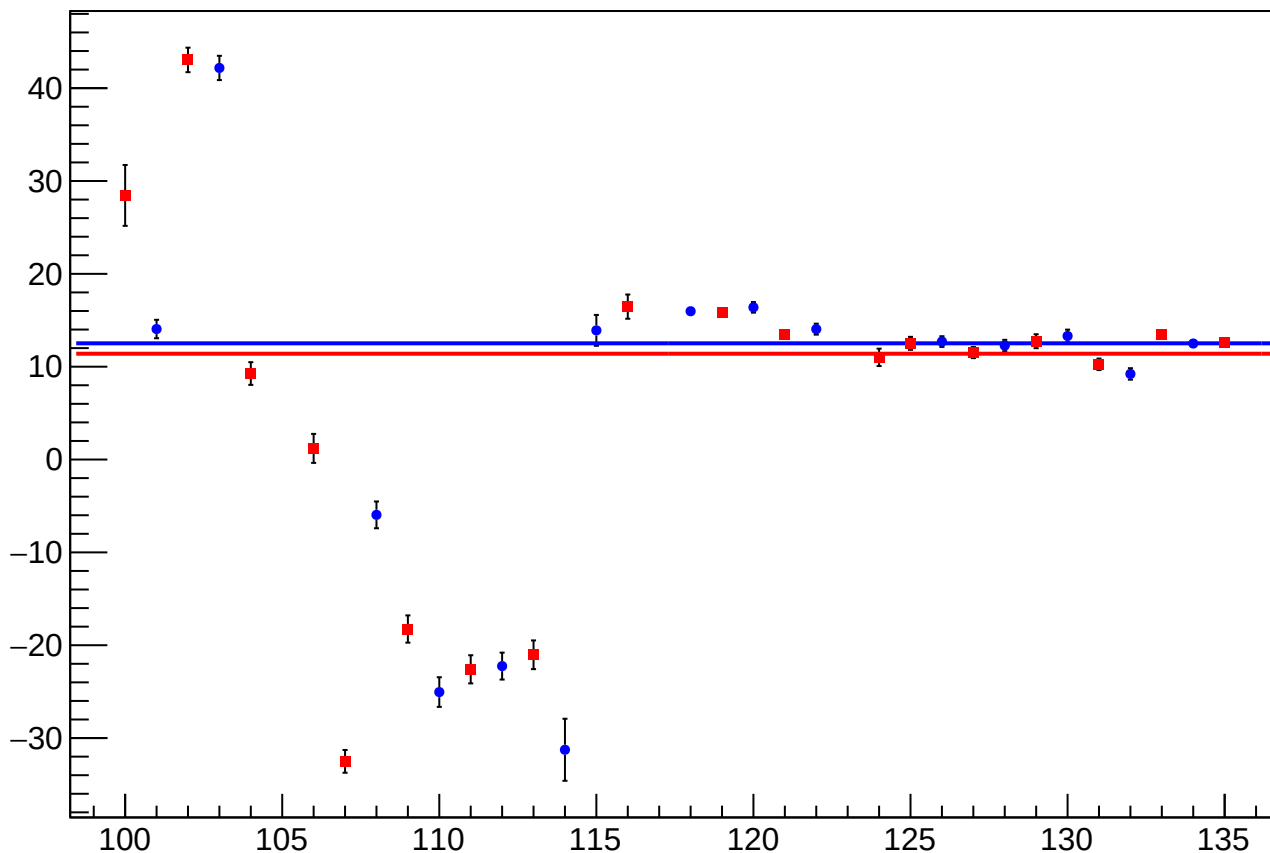
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.560 ± 0.123 χ^2/NDF : 776.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm4eY_slope vs Slug



Right In: 12.517+/-0.184 χ^2/NDF : 2118.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.398+/-0.162 χ^2/NDF : 3457.6/17

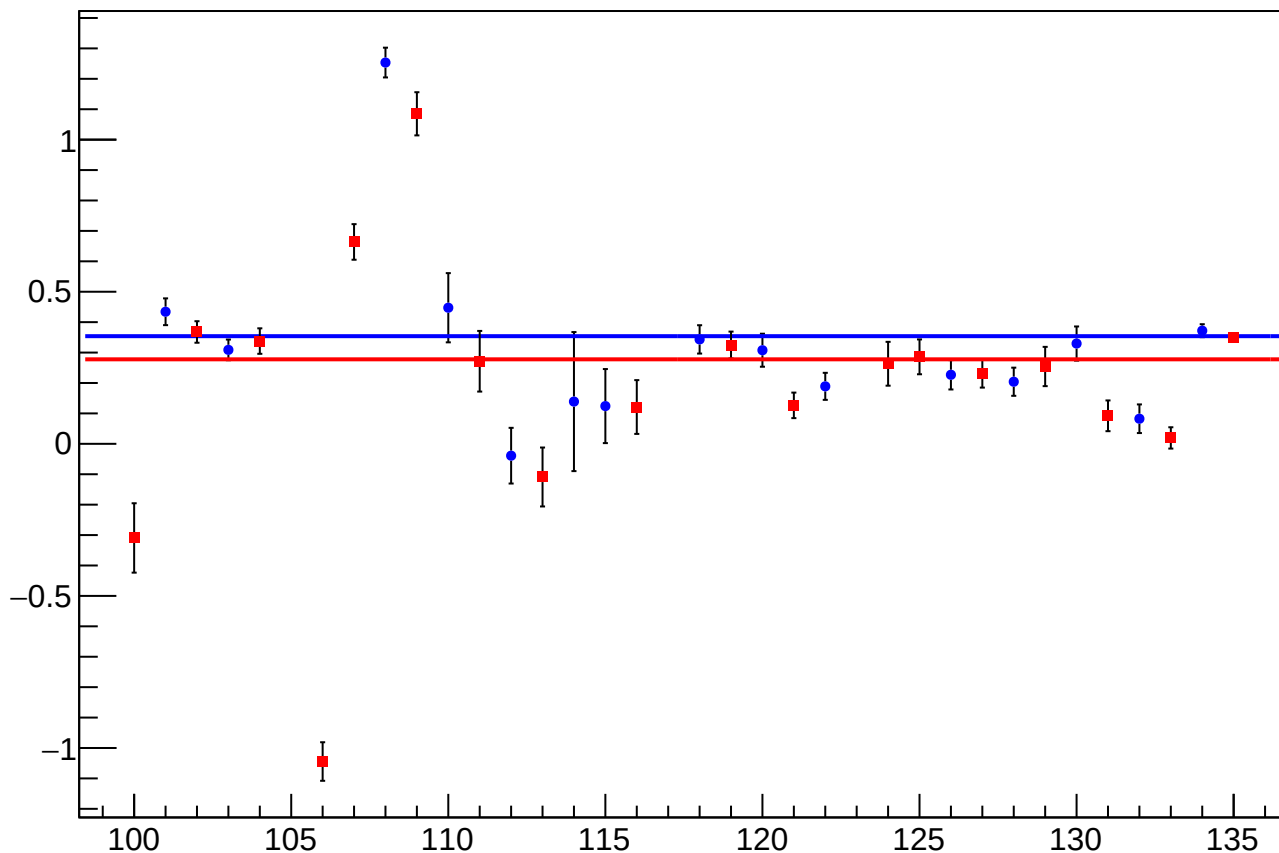
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.887+/-0.122 χ^2/NDF : 5596.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam1_diff_bpm12X_slope vs Slug



Right In: 0.354 $\pm$ 0.012 χ^2 /NDF: 432.7/14

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

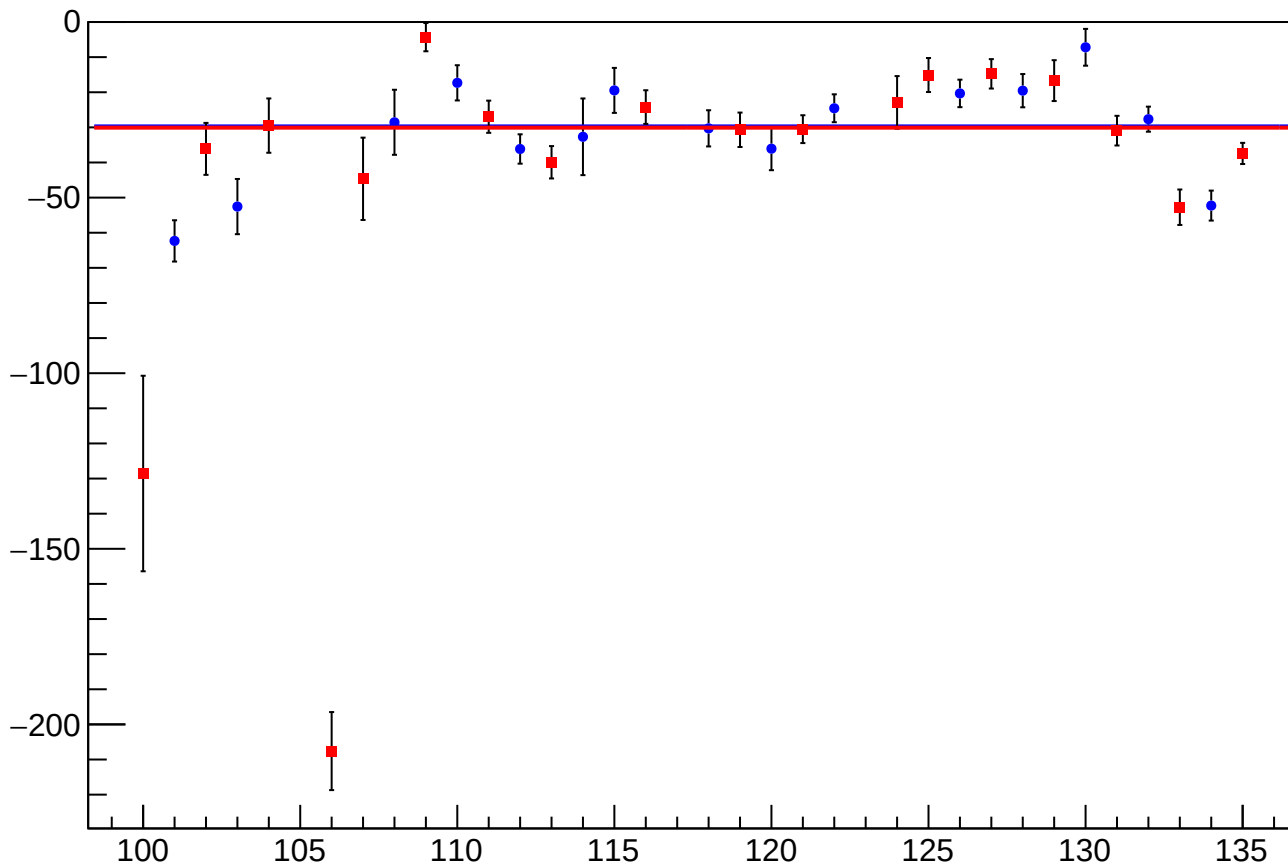
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.307 $\pm$ 0.007 χ^2 /NDF: 1235.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam2_diff_bpm1X_slope vs Slug



Right In: -29.723 ± 1.297 χ^2/NDF : 110.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.082 ± 1.187 χ^2/NDF : 372.9/17

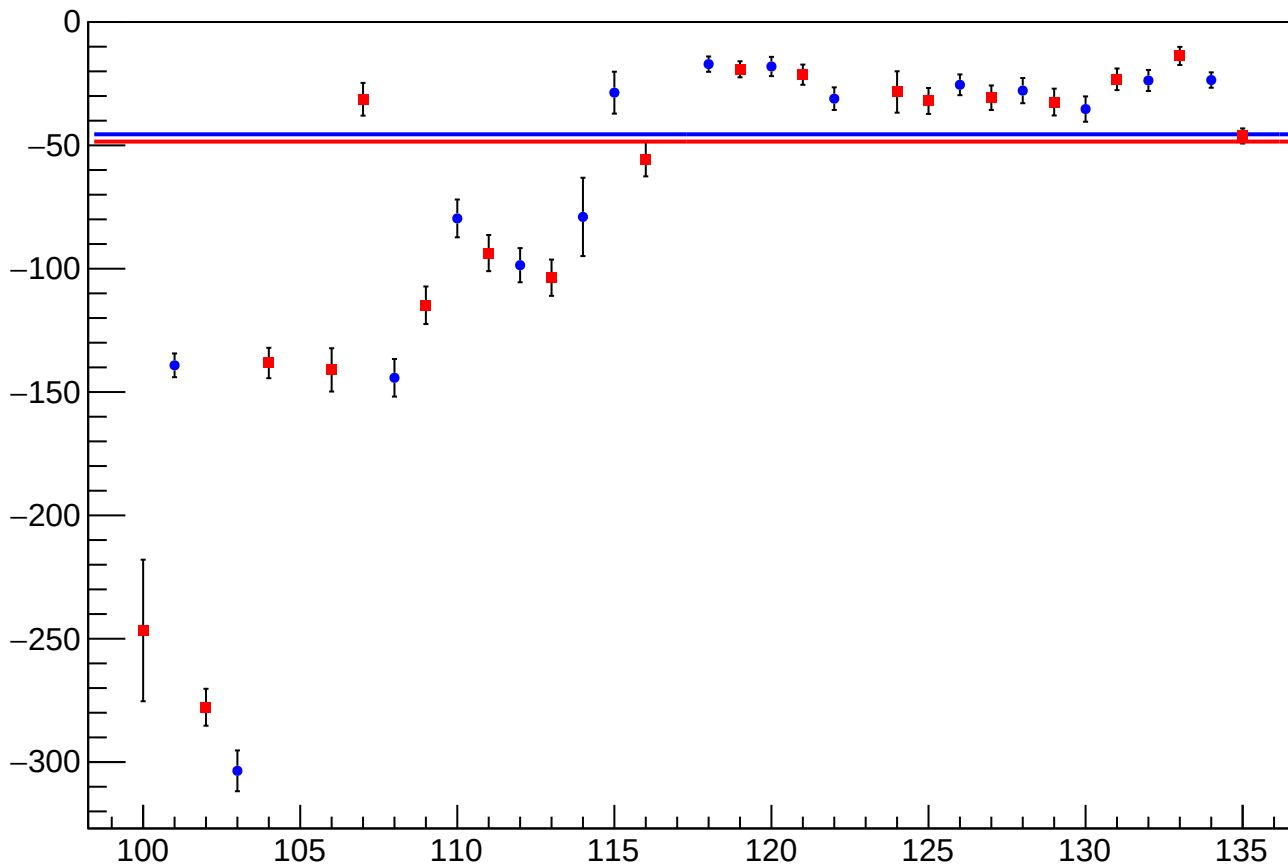
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.918 ± 0.876 χ^2/NDF : 483.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4aY_slope vs Slug



Right In: -45.520 ± 1.252 χ^2/NDF : 1863.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -48.468 ± 1.223 χ^2/NDF : 1773.3/17

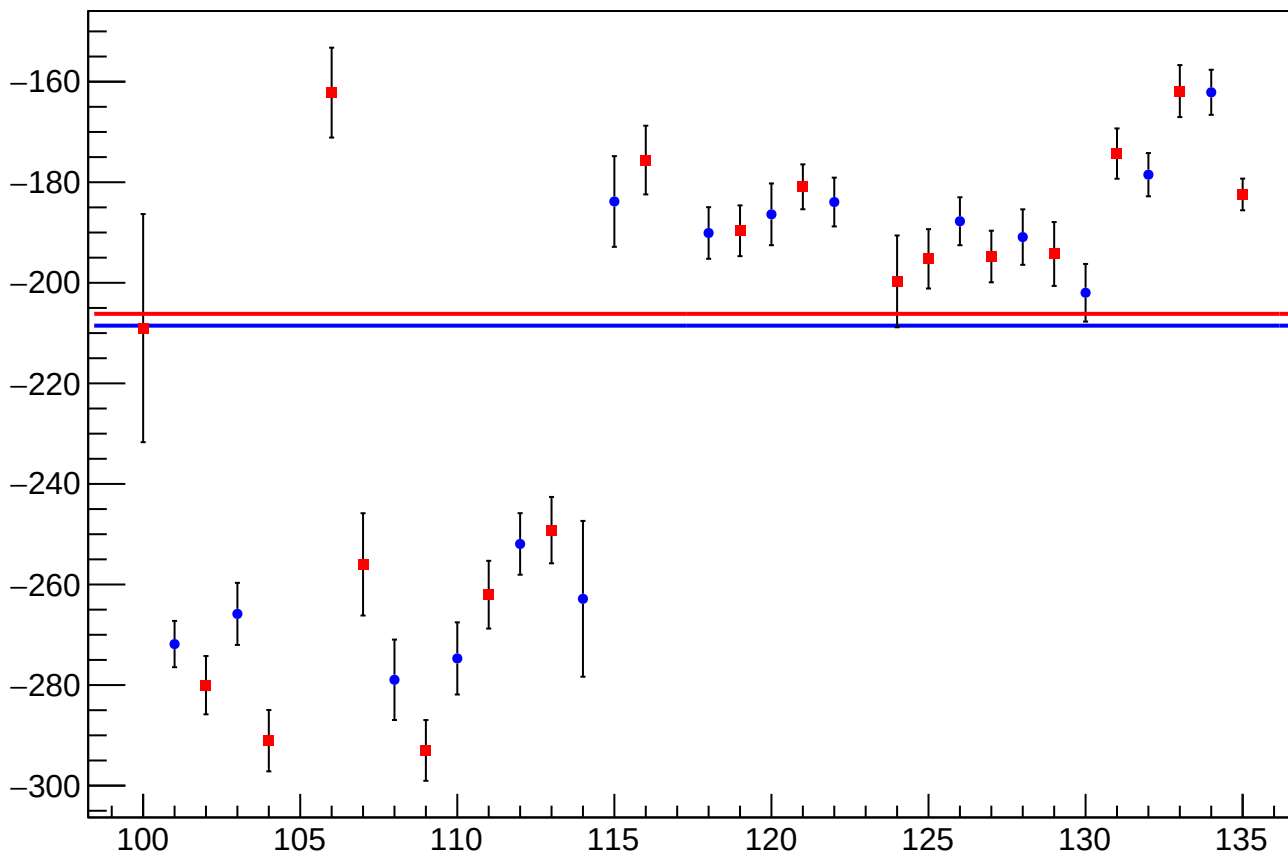
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -47.028 ± 0.875 χ^2/NDF : 3639.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eX_slope vs Slug



Right In: -208.522 ± 1.459 χ^2/NDF : 746.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -206.172 ± 1.354 χ^2/NDF : 968.1/17

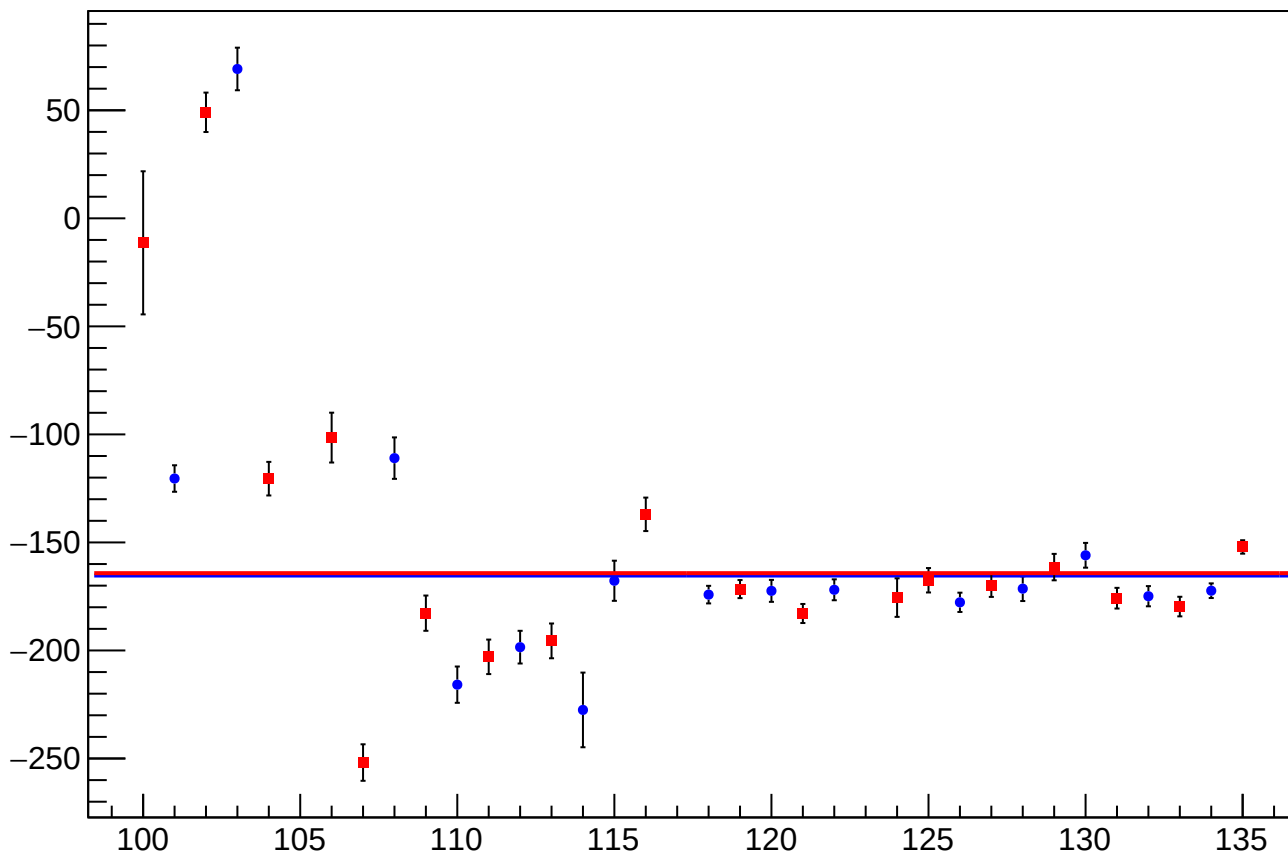
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -207.259 ± 0.992 χ^2/NDF : 1715.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm4eY_slope vs Slug



Right In: -165.315 ± 1.443 χ^2/NDF : 748.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -164.221 ± 1.381 χ^2/NDF : 850.3/17

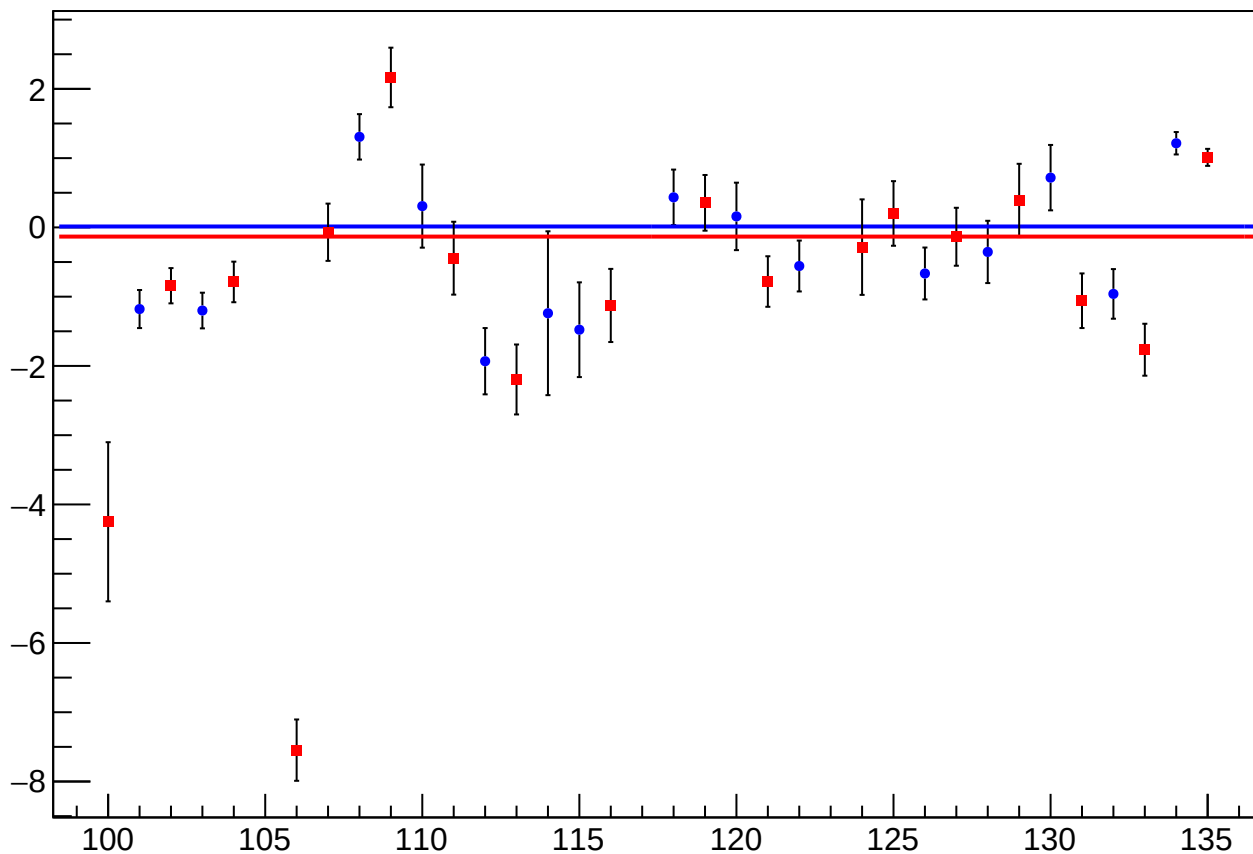
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -164.744 ± 0.998 χ^2/NDF : 1598.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam2_diff_bpm12X_slope vs Slug



Right In: 0.013+/-0.088 χ^2/NDF : 151.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.133+/-0.078 χ^2/NDF : 472.7/17

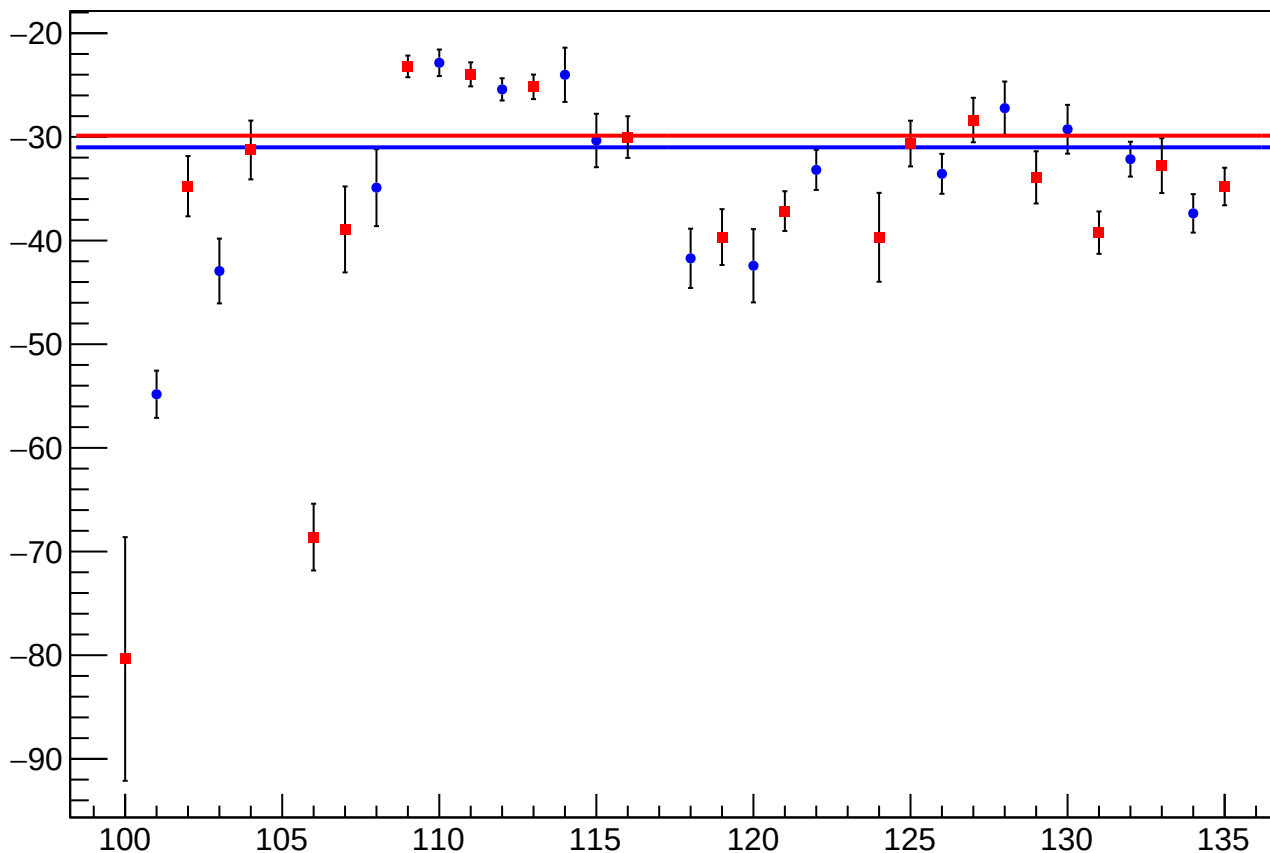
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.069+/-0.058 χ^2/NDF : 625.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm1X_slope vs Slug



Right In: -31.006 $\pm$ 0.509 χ^2 /NDF: 242.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -29.883 $\pm$ 0.458 χ^2 /NDF: 319.1/17

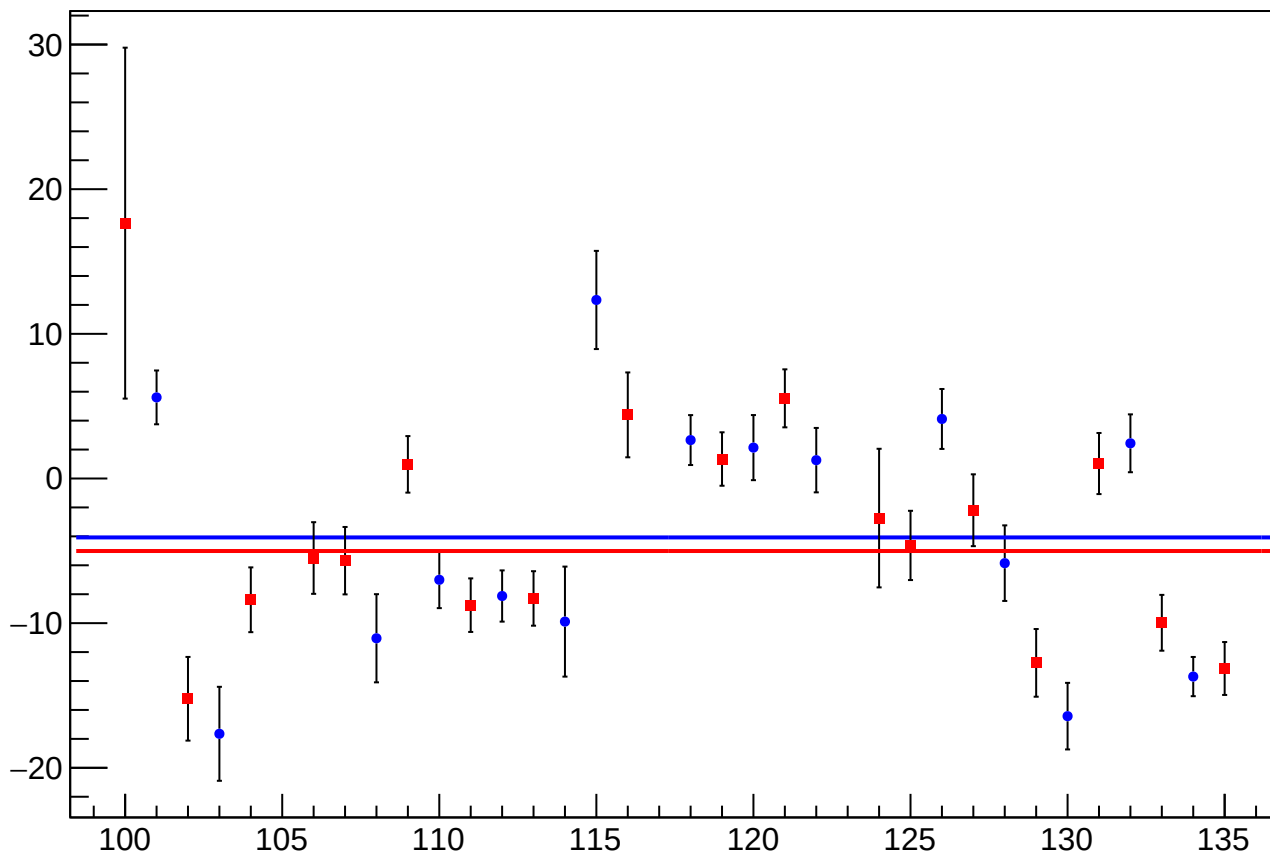
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -30.386 $\pm$ 0.341 χ^2 /NDF: 564.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4aY_slope vs Slug



Right In: -4.073 ± 0.548 χ^2/NDF : 217.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.013 ± 0.533 χ^2/NDF : 131.7/17

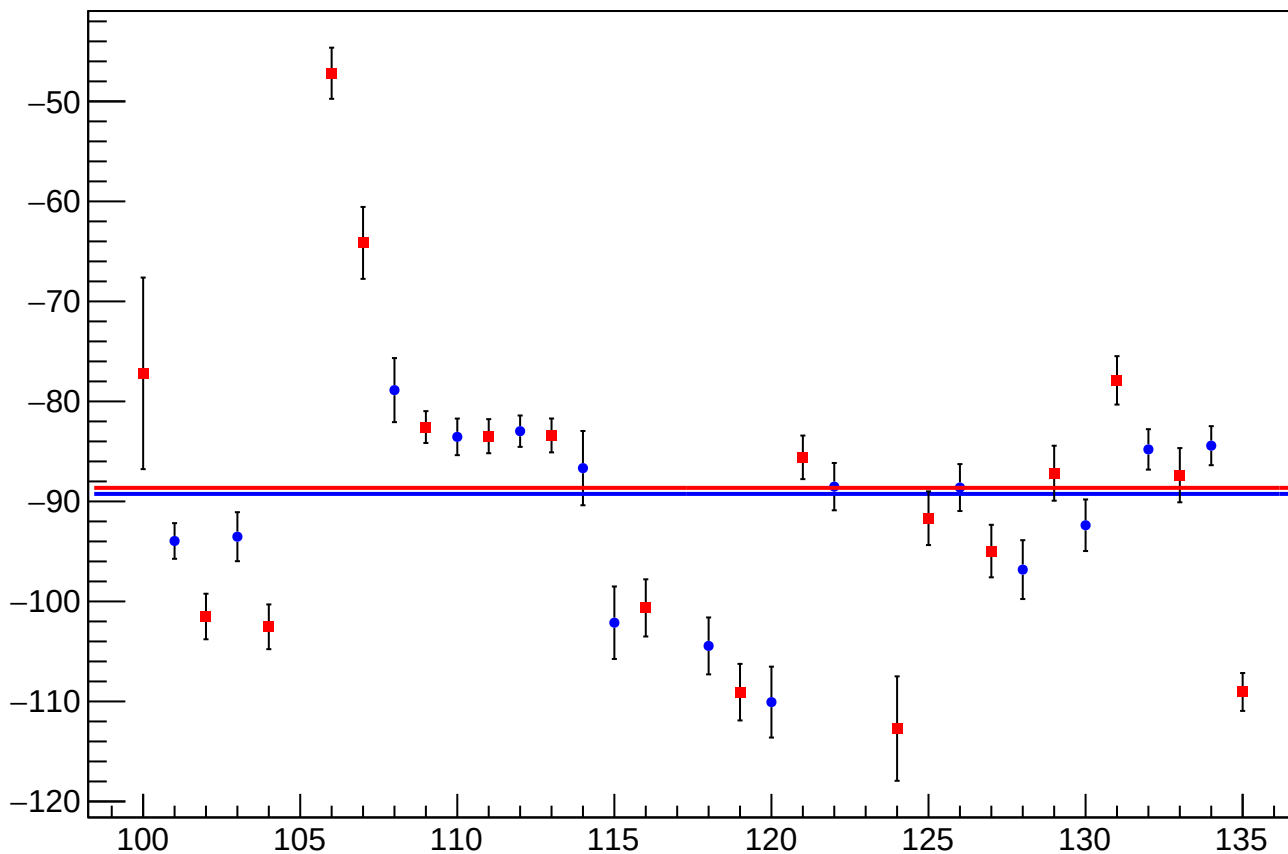
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.557 ± 0.382 χ^2/NDF : 350.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam3_diff_bpm4eX_slope vs Slug



Right In: -89.249 $\pm$ 0.601 χ^2 /NDF: 141.5/14

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

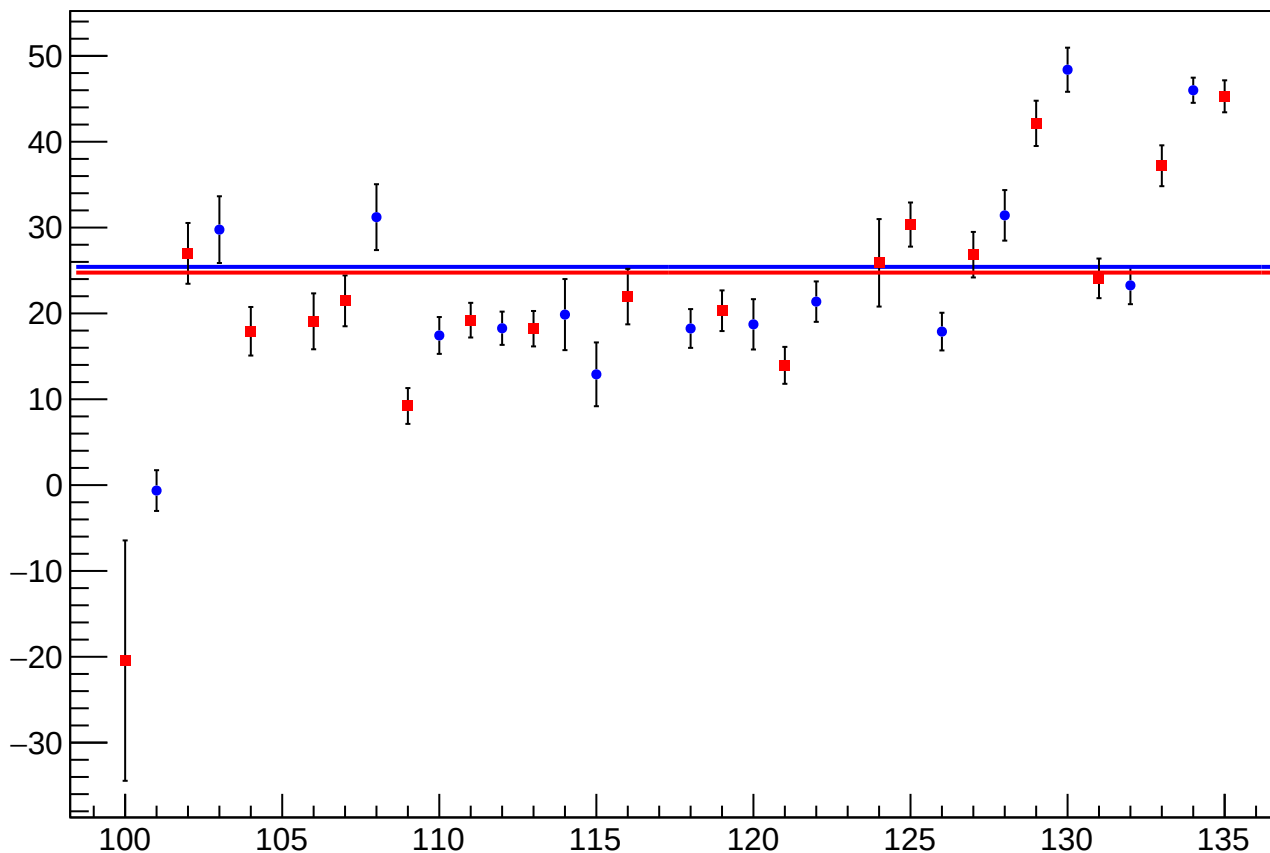
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -88.923 $\pm$ 0.409 χ^2 /NDF: 793.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm4eY_slope vs Slug



Right In: 25.421 $\pm$ 0.624 χ^2 /NDF: 476.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 24.755 $\pm$ 0.603 χ^2 /NDF: 321.2/17

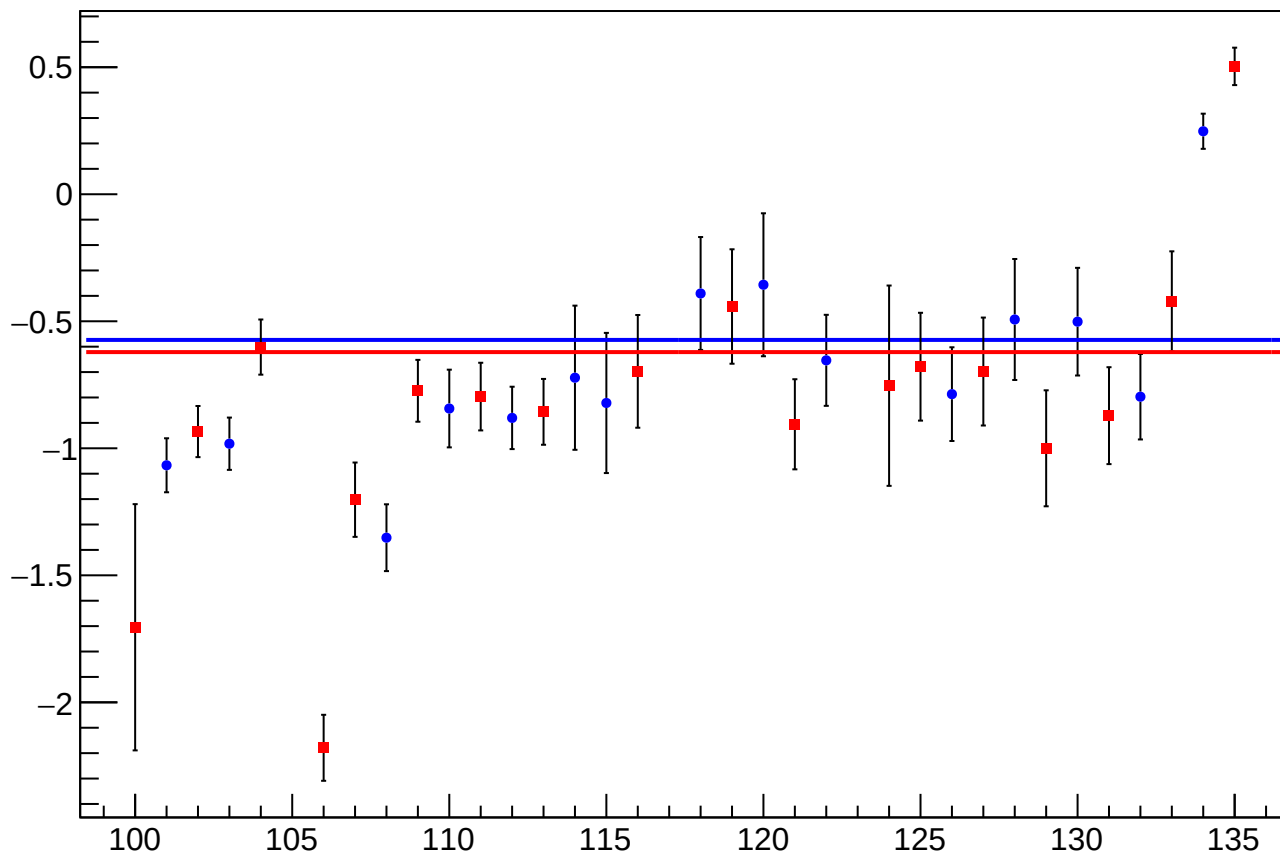
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.077 $\pm$ 0.434 χ^2 /NDF: 798.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam3_diff_bpm12X_slope vs Slug



Right In: -0.573 ± 0.036 χ^2/NDF : 228.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.621 ± 0.034 χ^2/NDF : 423.1/17

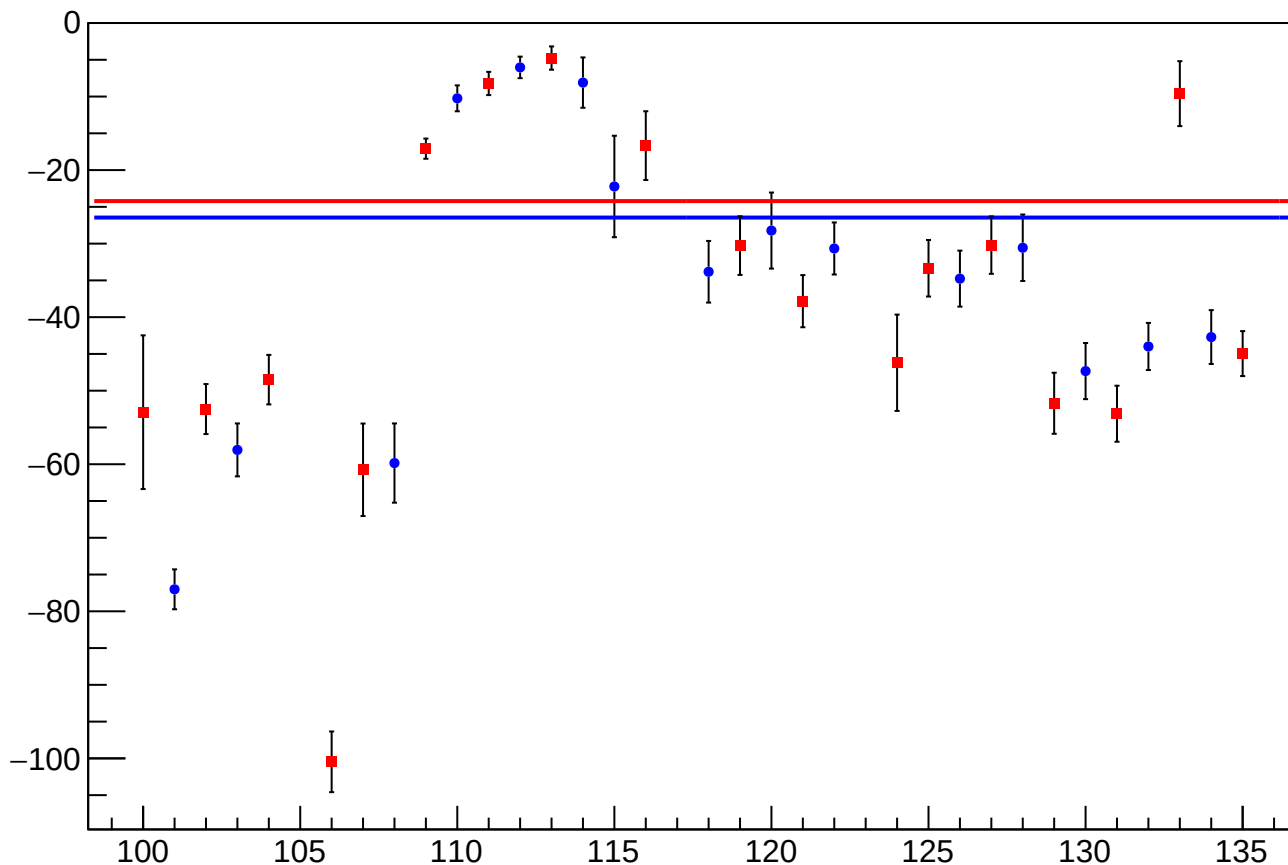
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.599 ± 0.025 χ^2/NDF : 652.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm1X_slope vs Slug



Right In: -26.455 ± 0.773 χ^2/NDF : 860.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -24.215 ± 0.670 χ^2/NDF : 981.9/17

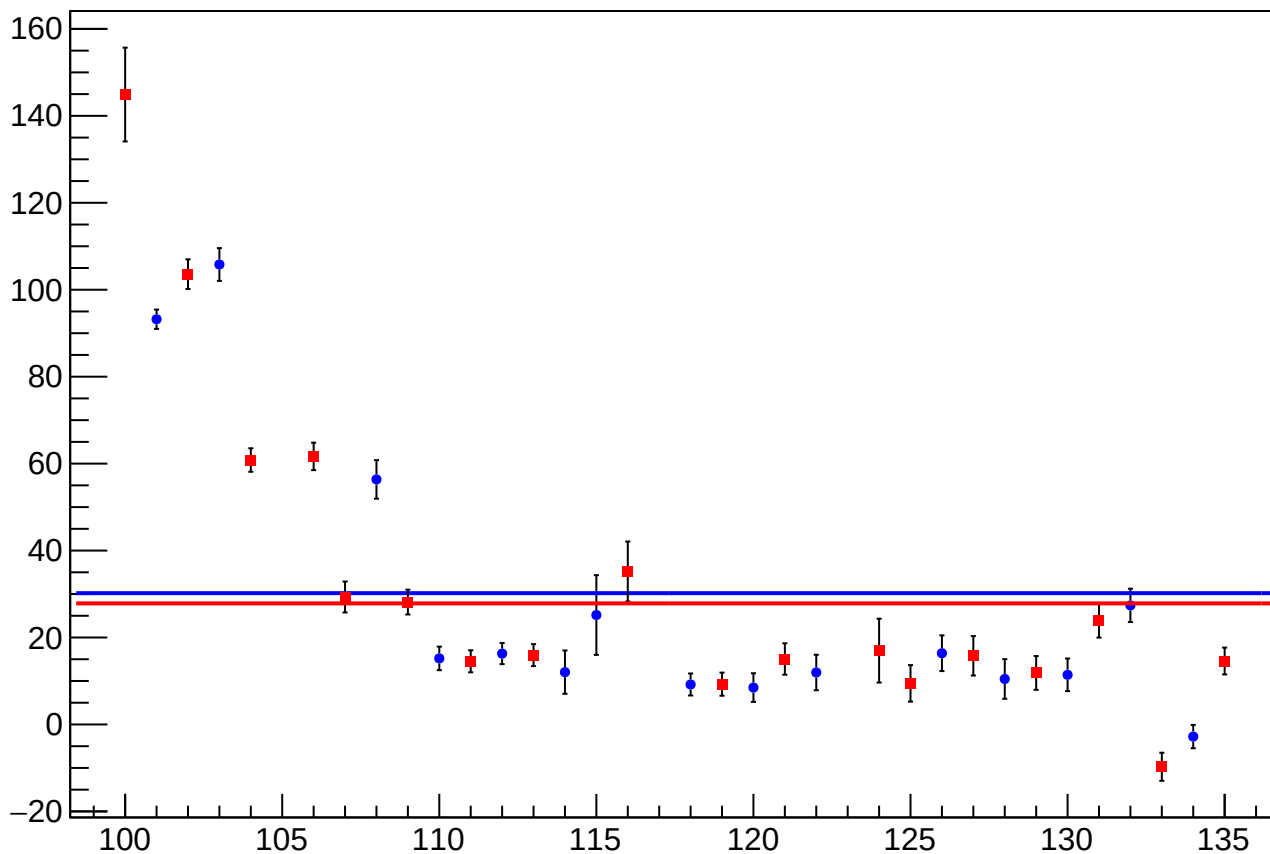
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -25.176 ± 0.506 χ^2/NDF : 1847.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4aY_slope vs Slug



Right In: 30.202 $\pm$ 0.852 χ^2 /NDF: 1660.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.851 $\pm$ 0.806 χ^2 /NDF: 1184.2/17

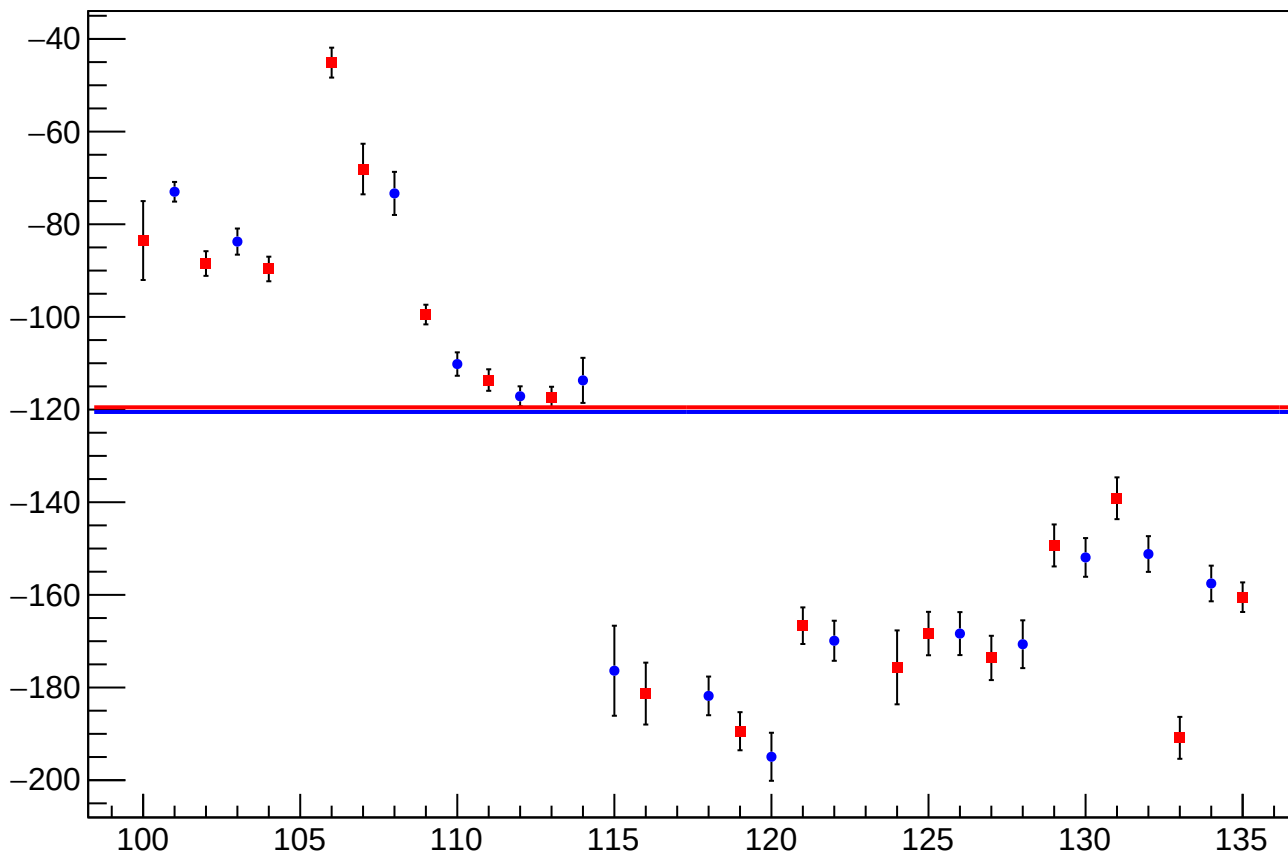
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 28.961 $\pm$ 0.586 χ^2 /NDF: 2848.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm4eX_slope vs Slug



Right In: -120.520 ± 0.896 χ^2/NDF : 1793.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -119.510 ± 0.810 χ^2/NDF : 2274.5/17

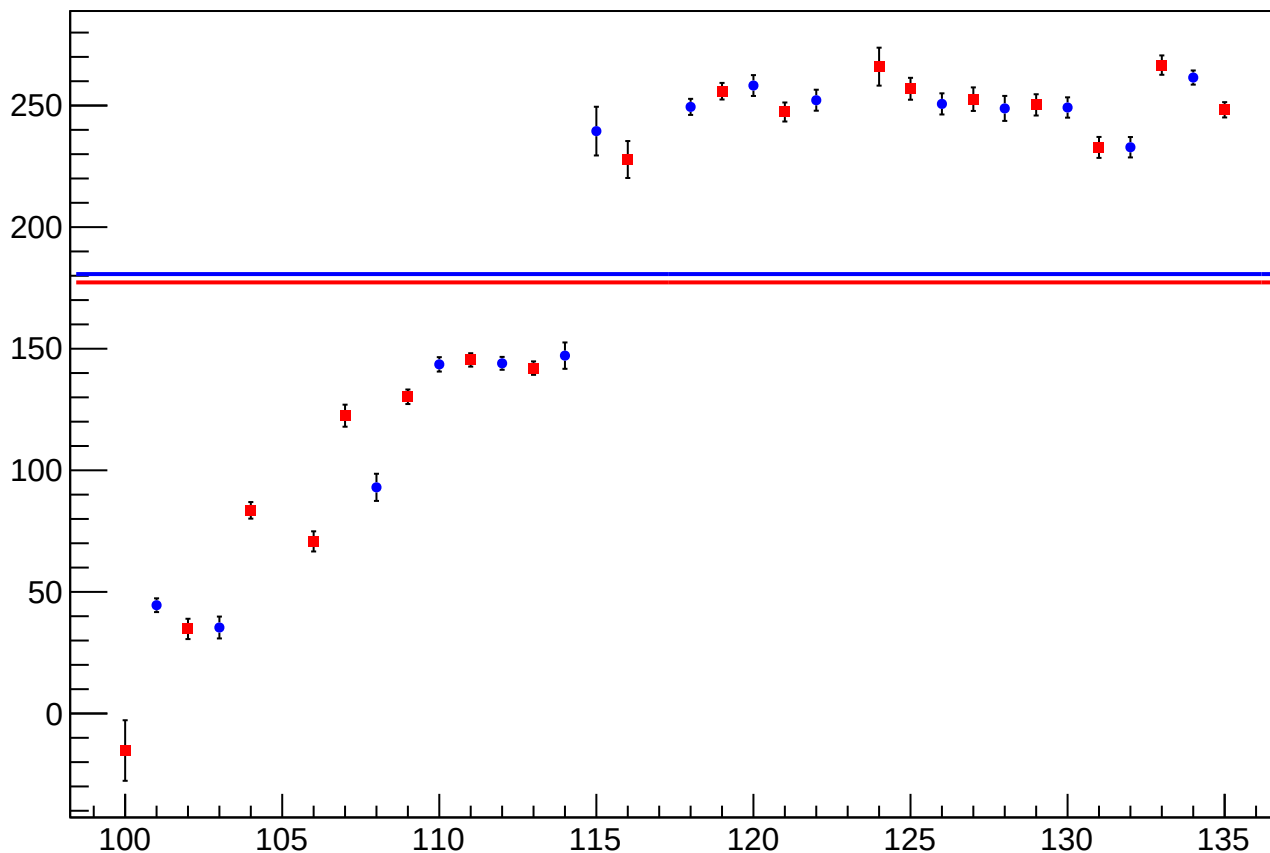
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -119.964 ± 0.601 χ^2/NDF : 4068.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam4_diff_bpm4eY_slope vs Slug



Right In: 180.693 $\pm$ 0.986 χ^2 /NDF: 6692.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 177.268 $\pm$ 0.921 χ^2 /NDF: 6547.5/17

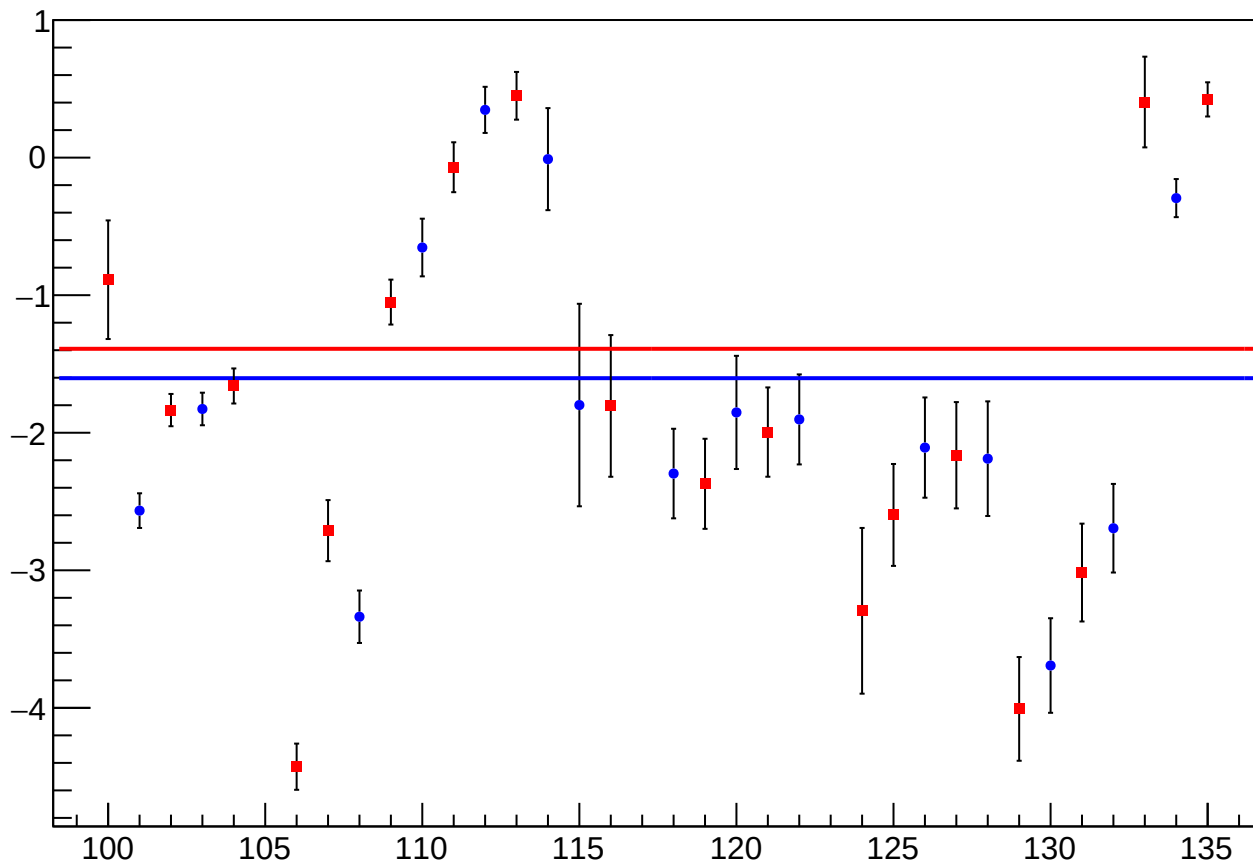
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 178.864 $\pm$ 0.673 χ^2 /NDF: 13246.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam4_diff_bpm12X_slope vs Slug



Right In: -1.603 ± 0.054 $\chi^2/\text{NDF}: 466.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -1.390 ± 0.049 $\chi^2/\text{NDF}: 902.0/17$

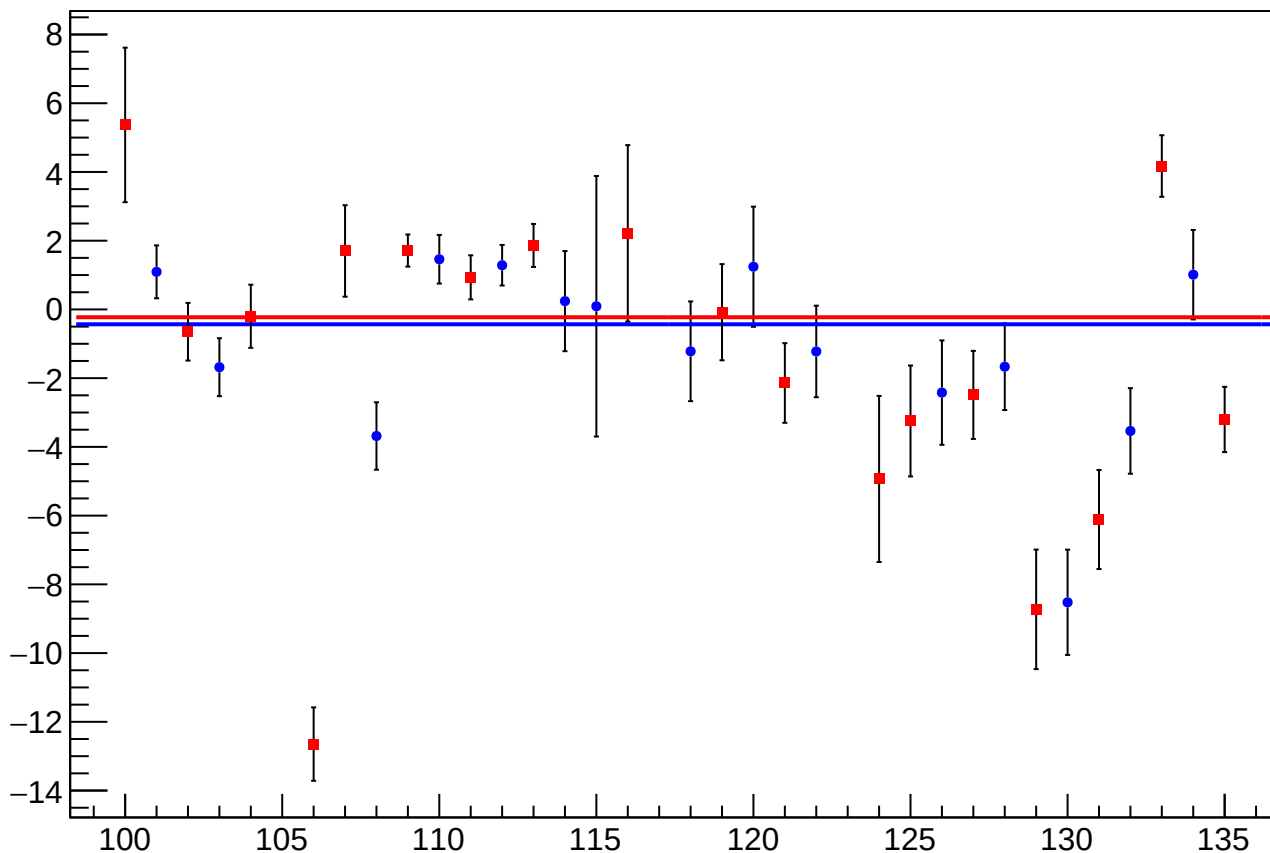
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -1.484 ± 0.036 $\chi^2/\text{NDF}: 1377.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm1X_slope vs Slug



Right In: -0.432 ± 0.271 χ^2/NDF : 72.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.228 ± 0.226 χ^2/NDF : 263.9/17

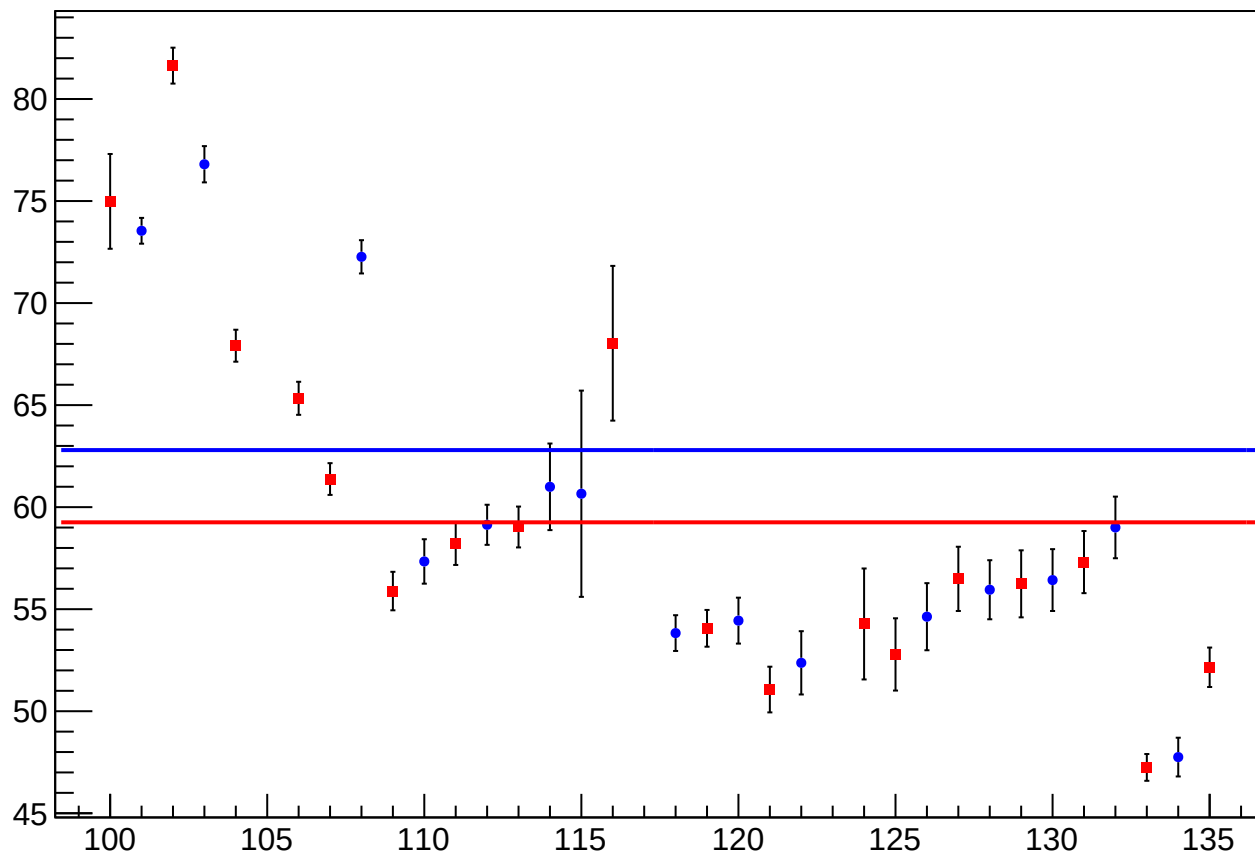
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.312 ± 0.174 χ^2/NDF : 336.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam5_diff_bpm4aY_slope vs Slug



Right In: 62.796 $\pm$ 0.280 χ^2 /NDF: 1239.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.256 $\pm$ 0.246 χ^2 /NDF: 1398.1/17

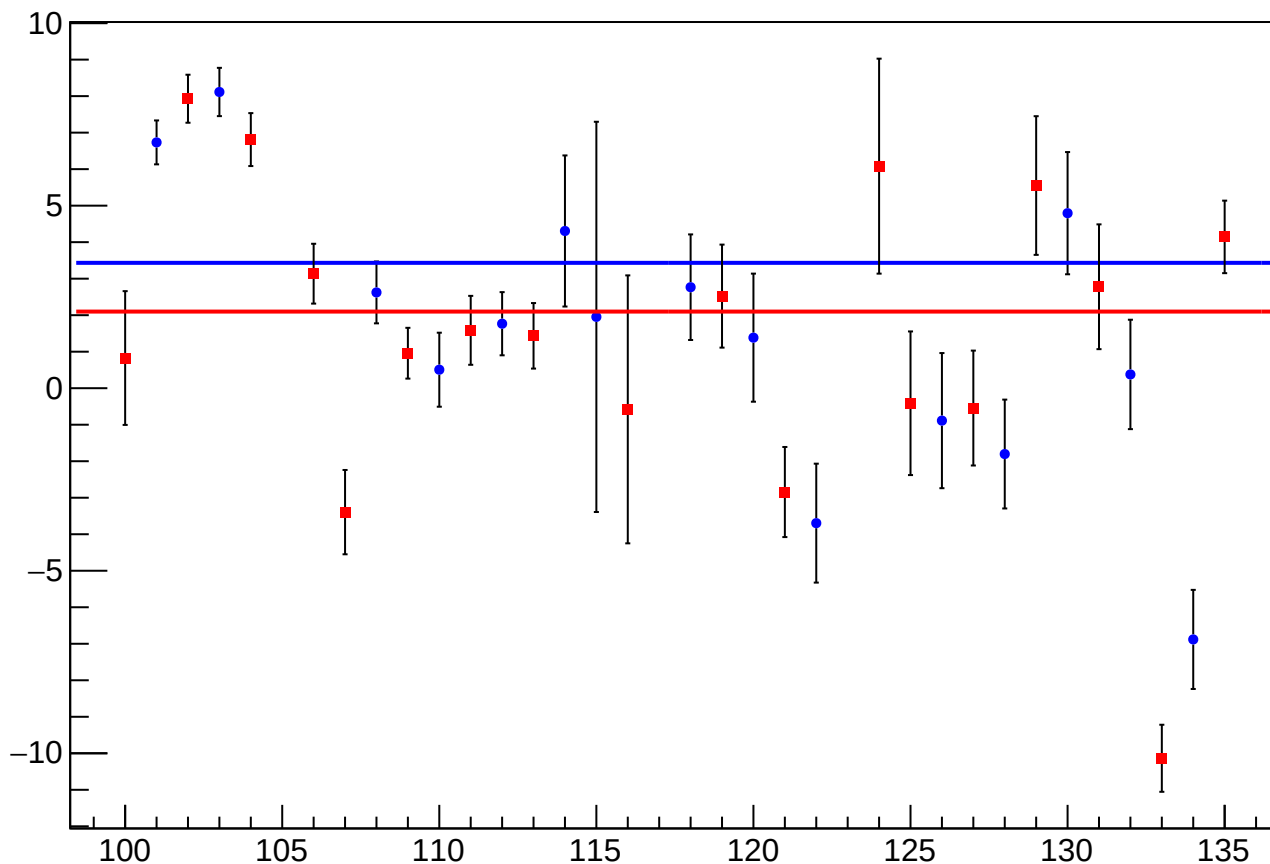
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 60.799 $\pm$ 0.185 χ^2 /NDF: 2727.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eX_slope vs Slug



Right In: 3.434 $\pm$ 0.285 χ^2 /NDF: 194.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 2.099 $\pm$ 0.250 χ^2 /NDF: 357.3/17

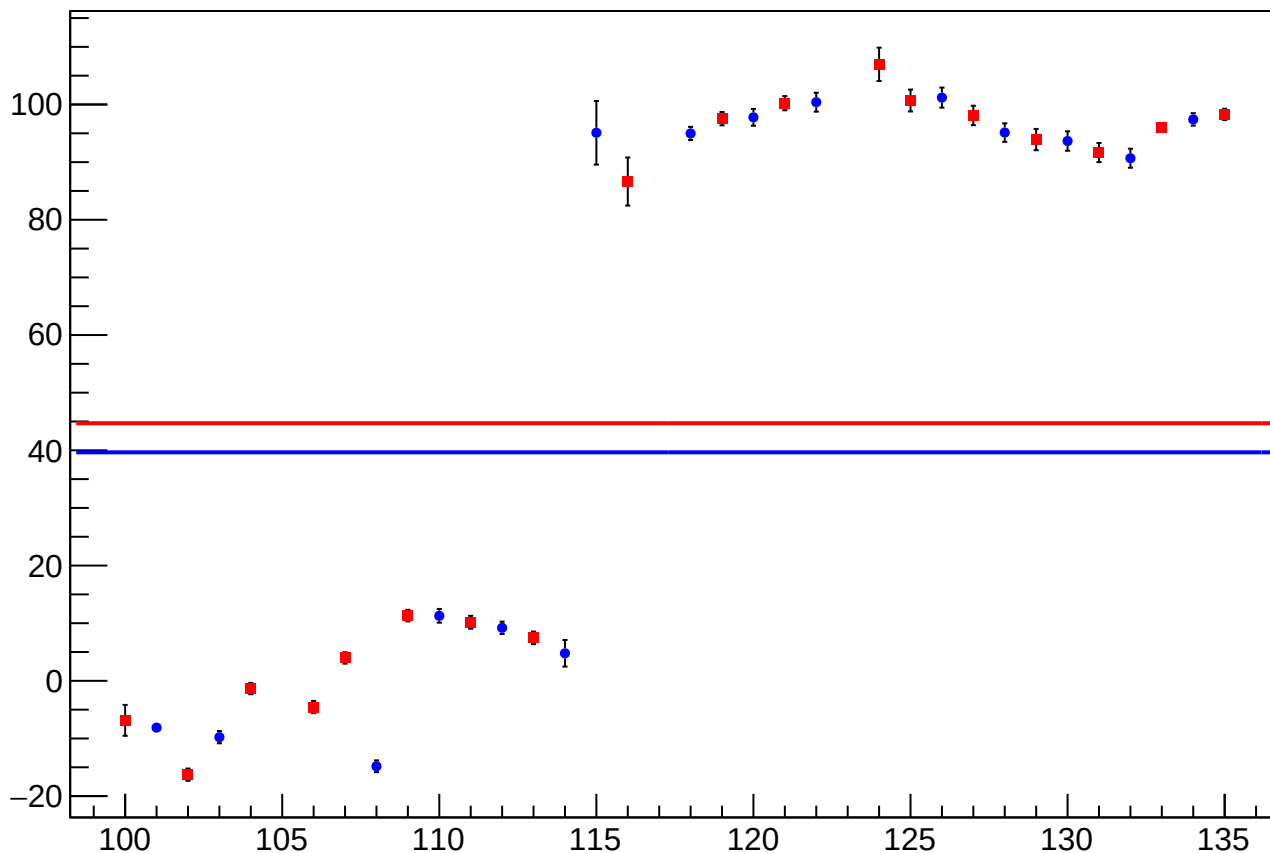
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.678 $\pm$ 0.188 χ^2 /NDF: 564.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam5_diff_bpm4eY_slope vs Slug



Right In: 39.647 ± 0.332 $\chi^2/\text{NDF}: 22845.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 44.697 ± 0.288 $\chi^2/\text{NDF}: 28030.4/17$

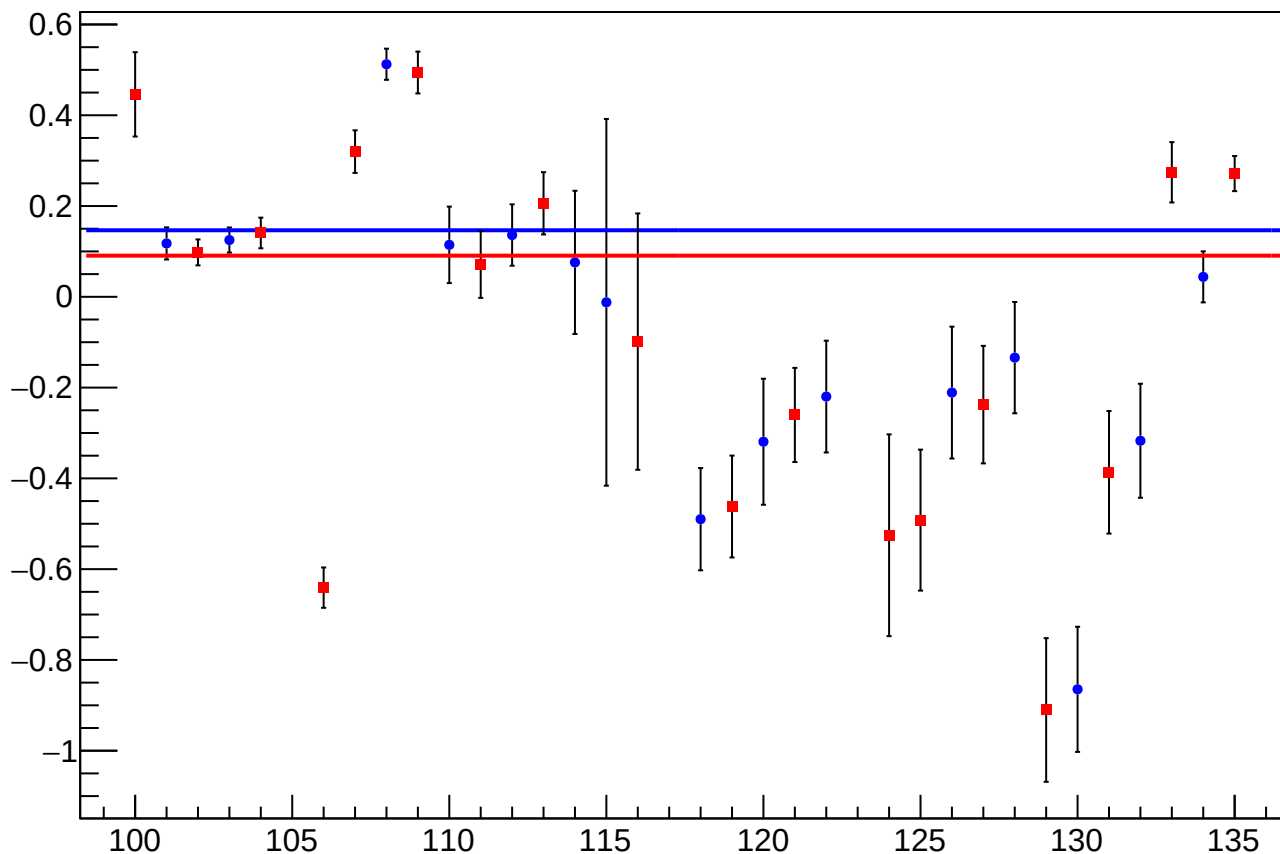
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 42.525 ± 0.217 $\chi^2/\text{NDF}: 51008.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam5_diff_bpm12X_slope vs Slug



Right In: 0.147 $\pm$ 0.016 χ^2 /NDF: 249.7/14

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

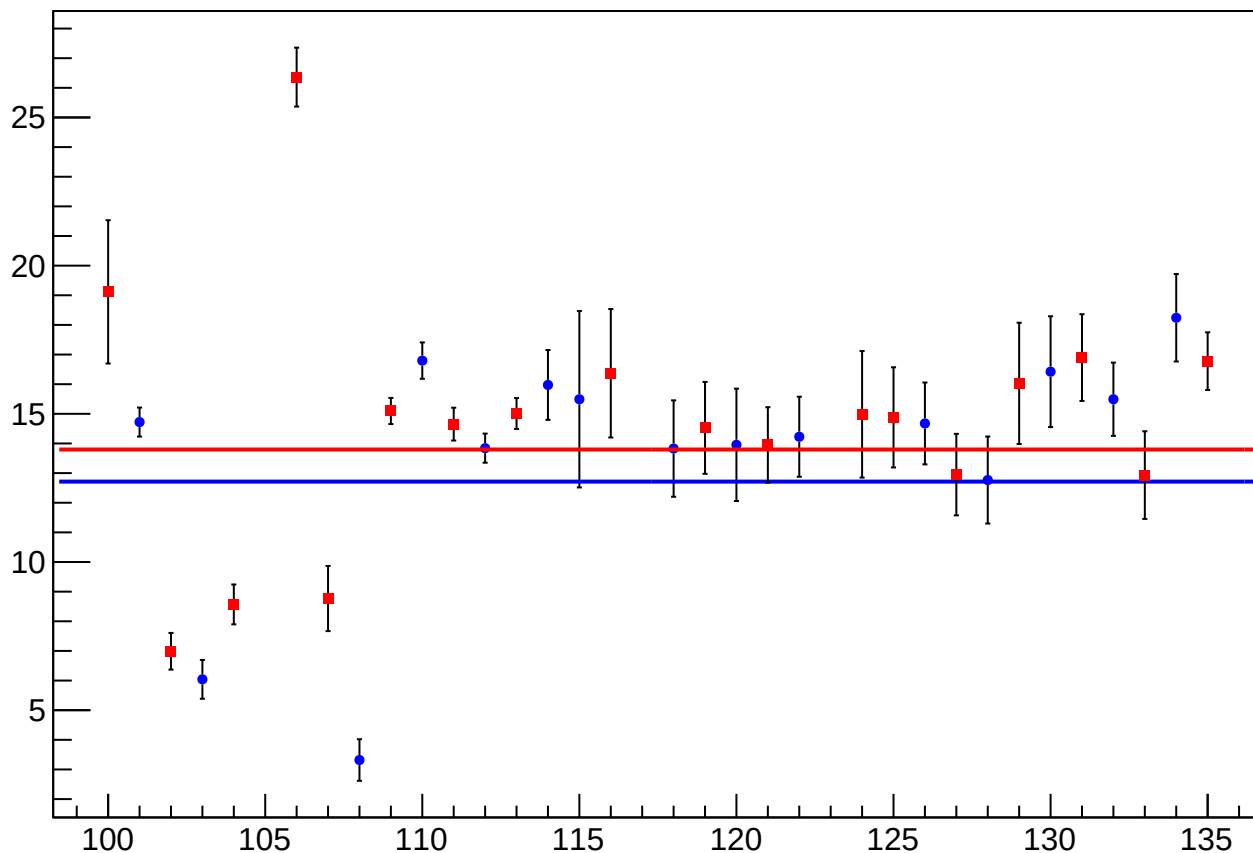
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.115 $\pm$ 0.010 χ^2 /NDF: 794.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm1X_slope vs Slug



Right In: 12.713 $\pm$ 0.225 χ^2 /NDF: 385.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.796 $\pm$ 0.206 χ^2 /NDF: 401.7/17

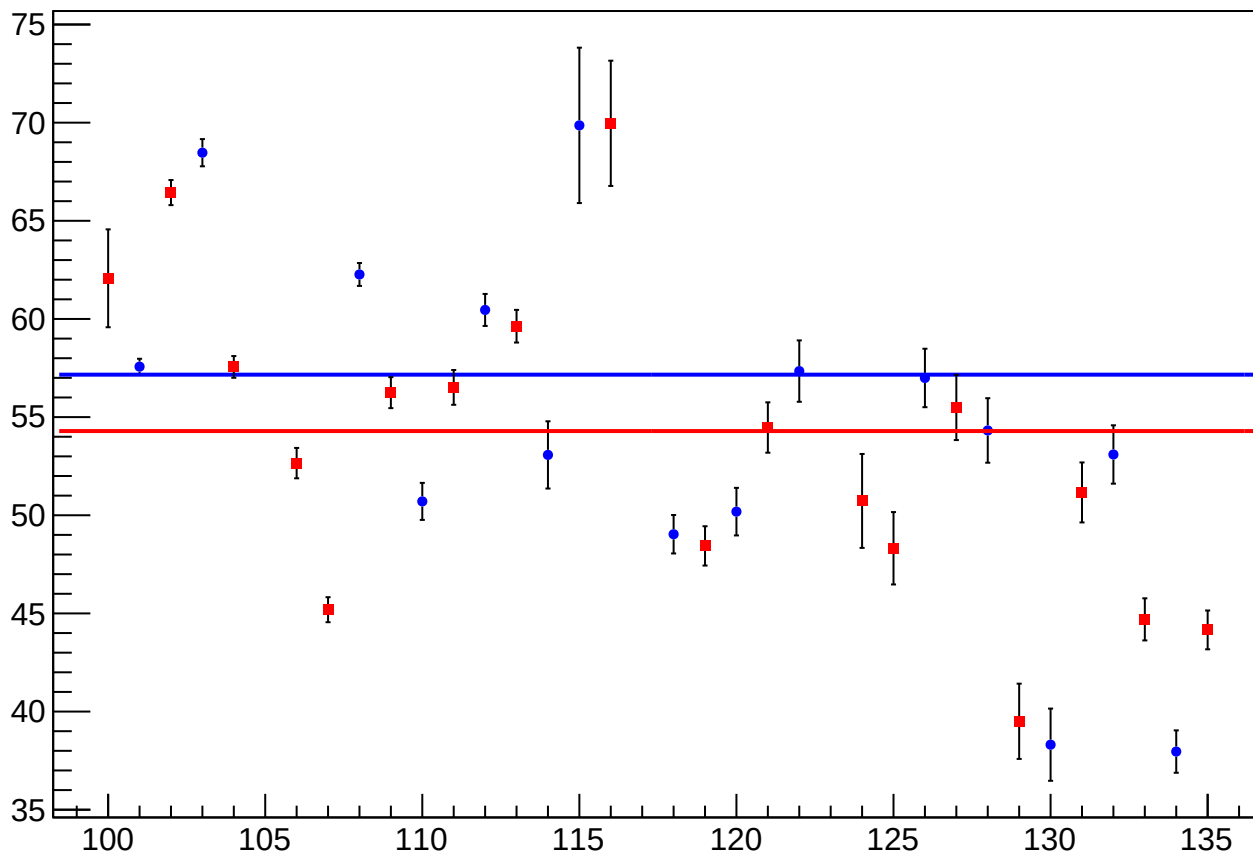
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.301 $\pm$ 0.152 χ^2 /NDF: 799.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4aY_slope vs Slug



Right In: 57.163+/-0.231 χ^2/NDF : 956.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 54.289+/-0.227 χ^2/NDF : 988.2/17

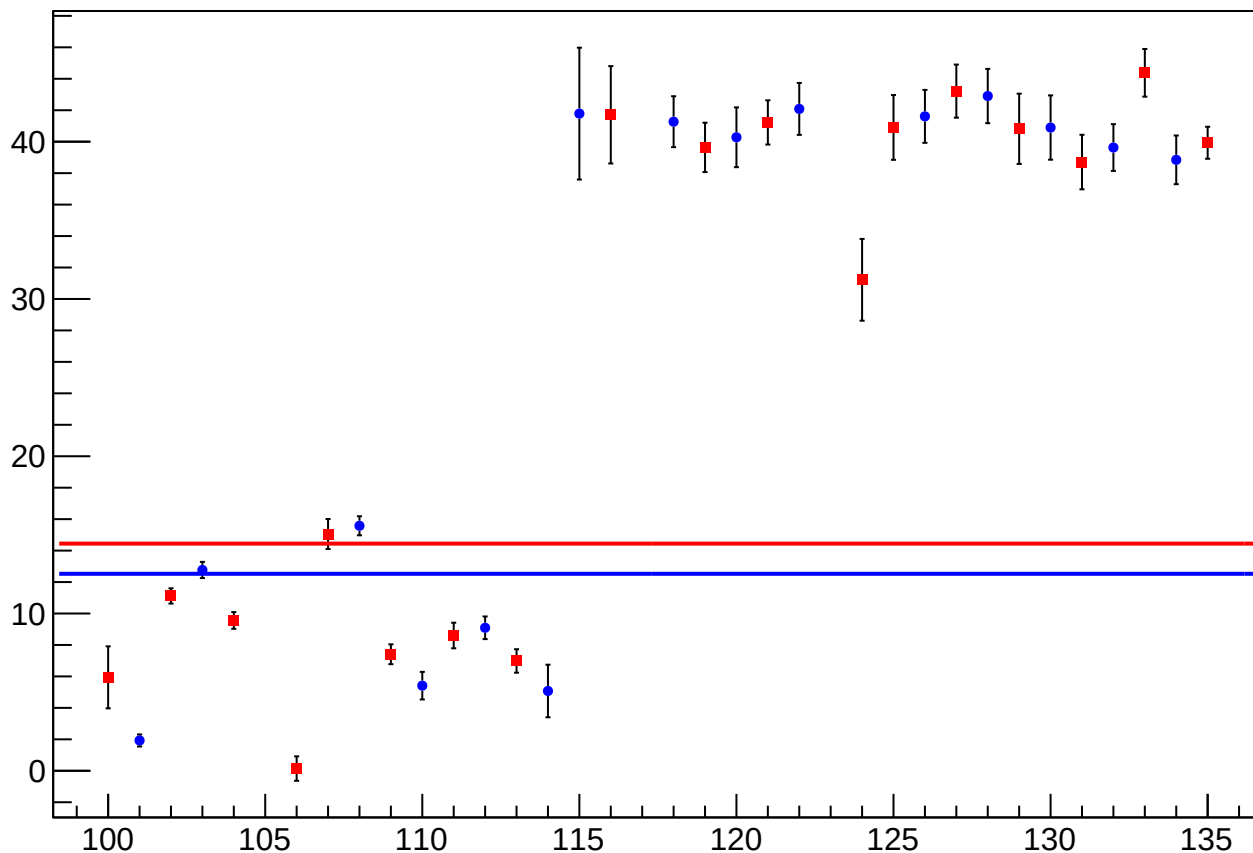
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.701+/-0.162 χ^2/NDF : 2023.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm4eX_slope vs Slug



Right In: 12.526 $\pm$ 0.225 χ^2 /NDF: 3220.5/14

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

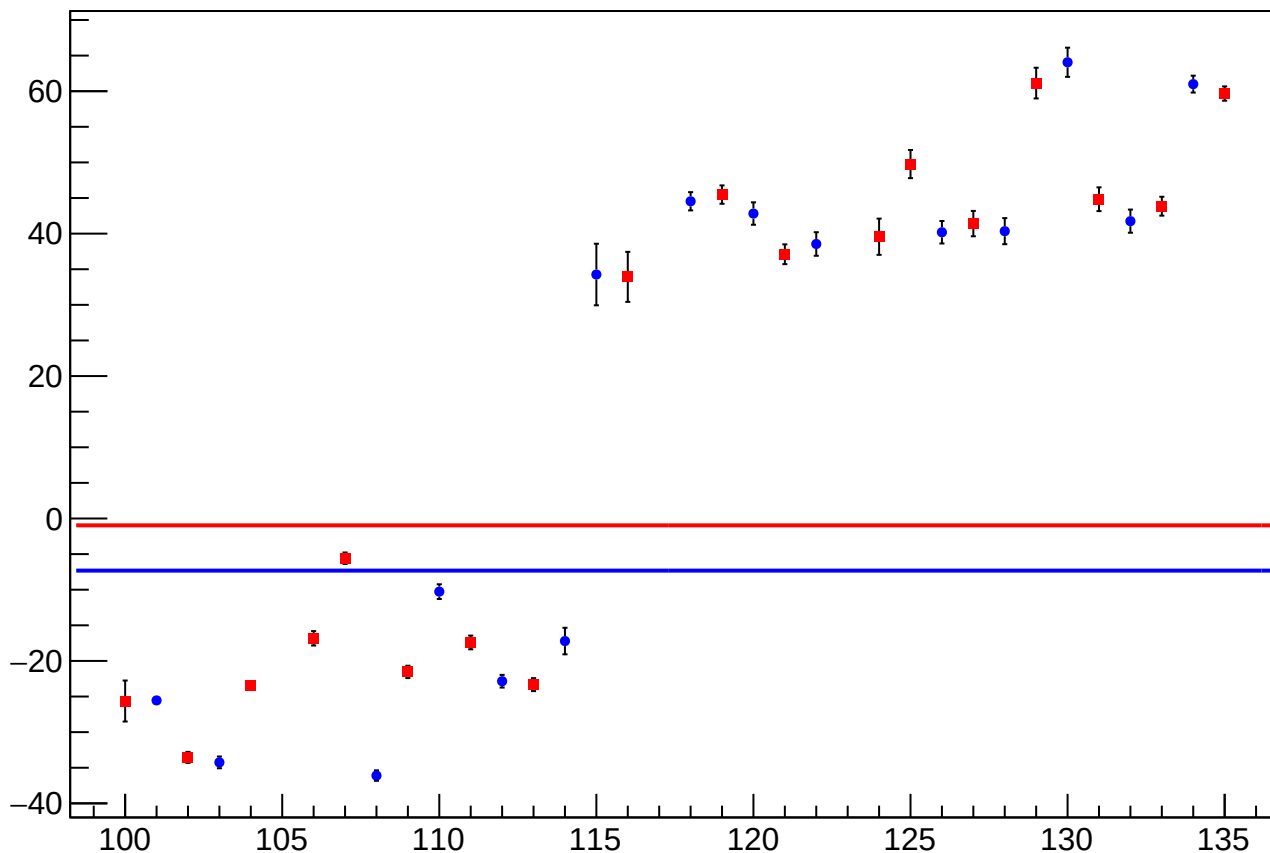
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.497 $\pm$ 0.158 χ^2 /NDF: 6571.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam6_diff_bpm4eY_slope vs Slug



Right In: -7.318 ± 0.276 χ^2/NDF : 14768.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.964 ± 0.267 χ^2/NDF : 14615.7/17

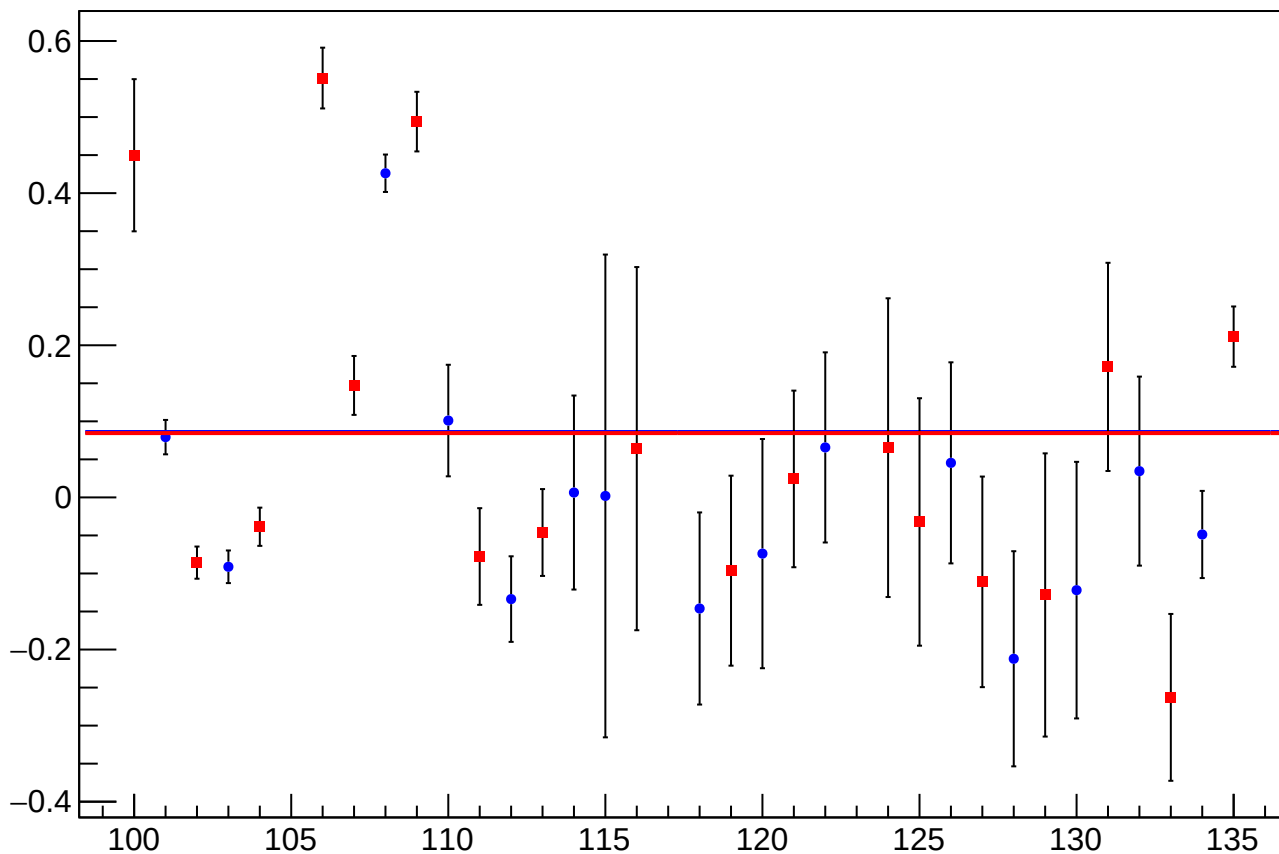
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.035 ± 0.192 χ^2/NDF : 29657.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam6_diff_bpm12X_slope vs Slug



Right In: 0.086 $\pm$ 0.012 χ^2 /NDF: 291.6/14

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

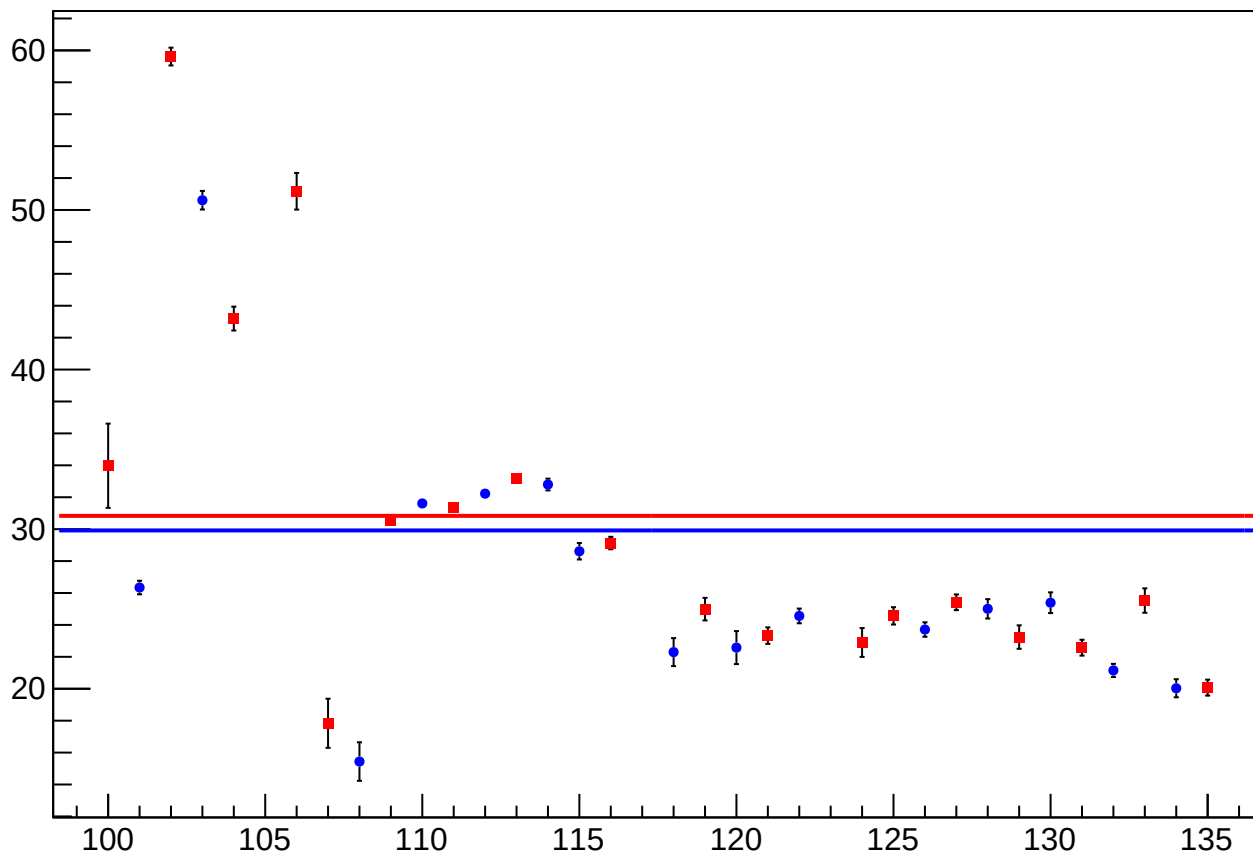
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.085 $\pm$ 0.008 χ^2 /NDF: 680.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm1X_slope vs Slug



Right In: 29.920+/-0.095 χ^2/NDF : 3147.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 30.834+/-0.081 χ^2/NDF : 5034.4/17

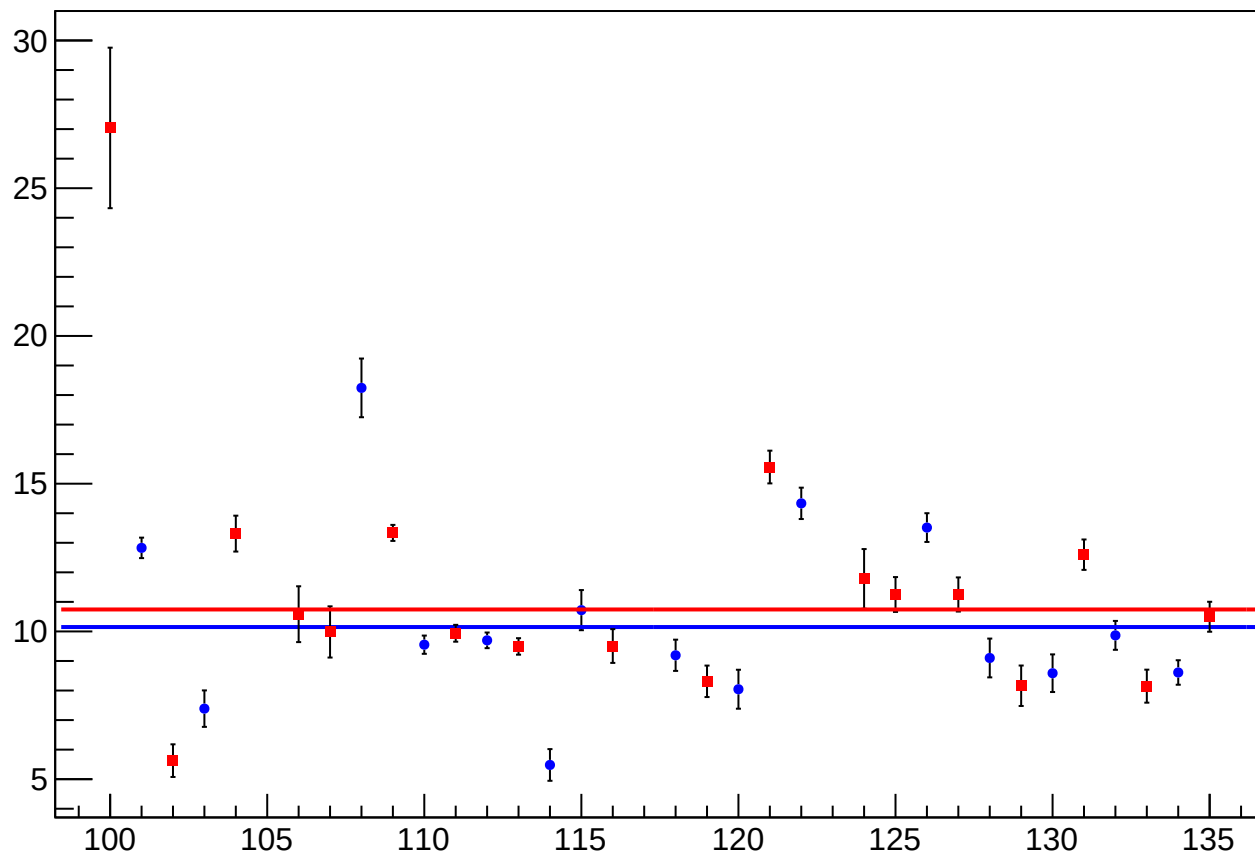
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.453+/-0.062 χ^2/NDF : 8235.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4aY_slope vs Slug



Right In: 10.149 $\pm$ 0.119 χ^2 /NDF: 375.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.743 $\pm$ 0.114 χ^2 /NDF: 412.6/17

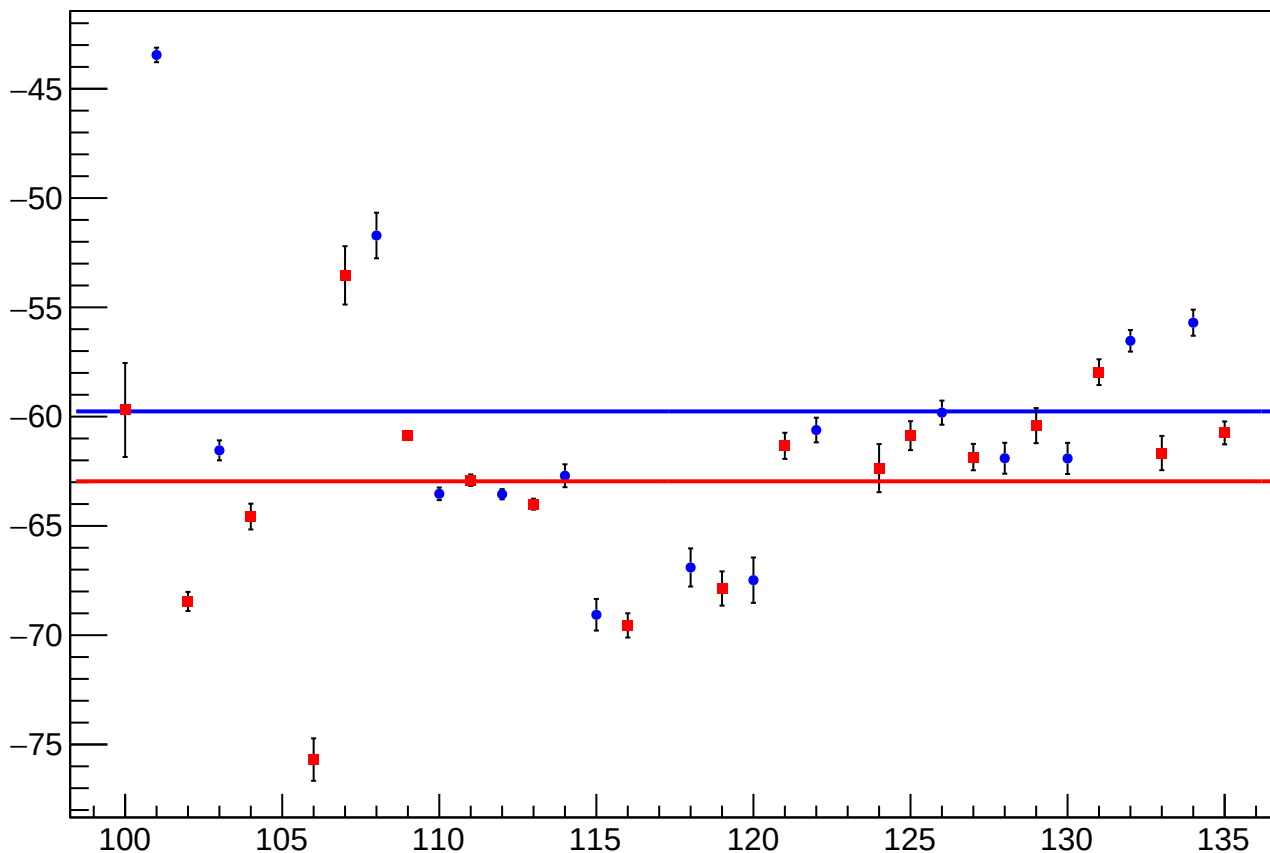
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.458 $\pm$ 0.082 χ^2 /NDF: 801.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam7_diff_bpm4eX_slope vs Slug



Right In: -59.761 ± 0.119 χ^2/NDF : 3342.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.960 ± 0.109 χ^2/NDF : 805.8/17

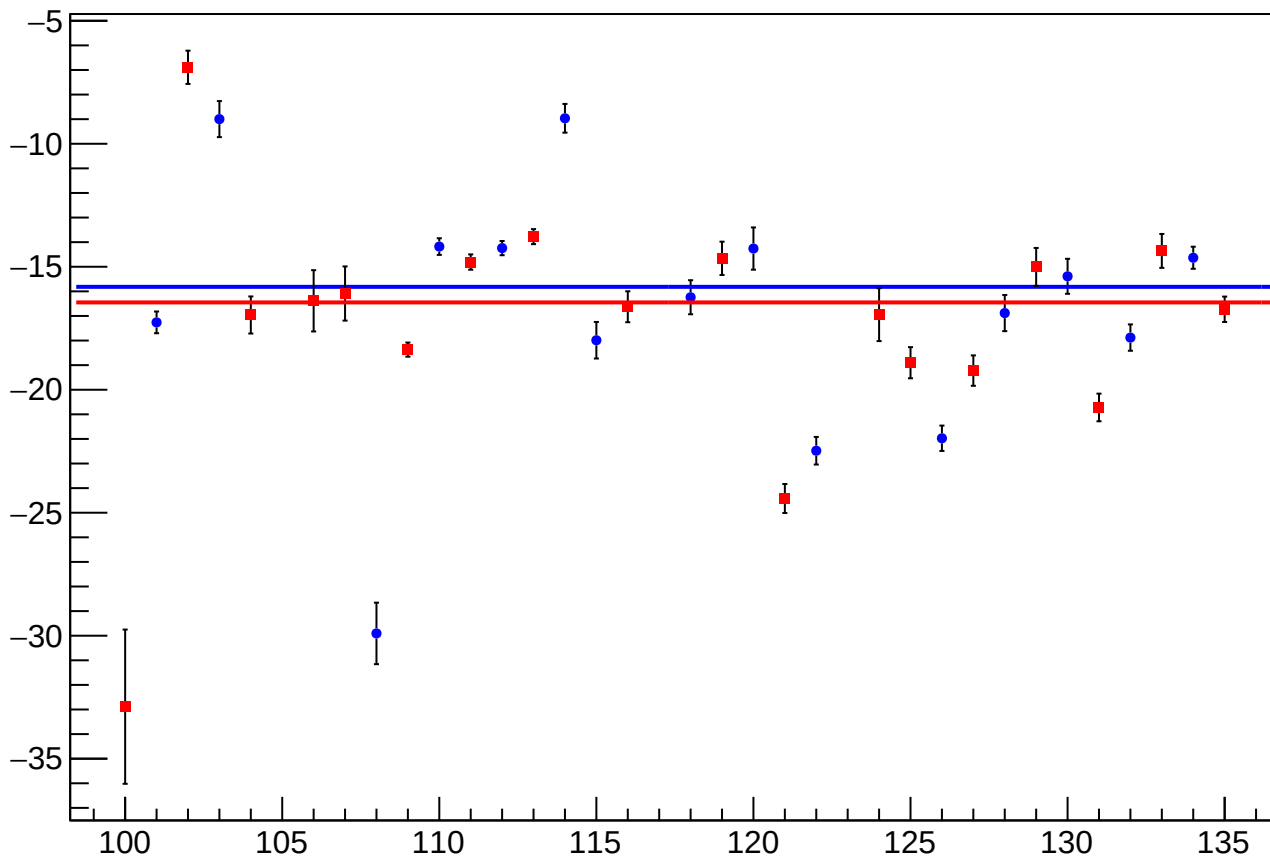
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.513 ± 0.080 χ^2/NDF : 4540.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm4eY_slope vs Slug



Right In: -15.816 ± 0.134 χ^2/NDF : 735.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.450 ± 0.126 χ^2/NDF : 673.4/17

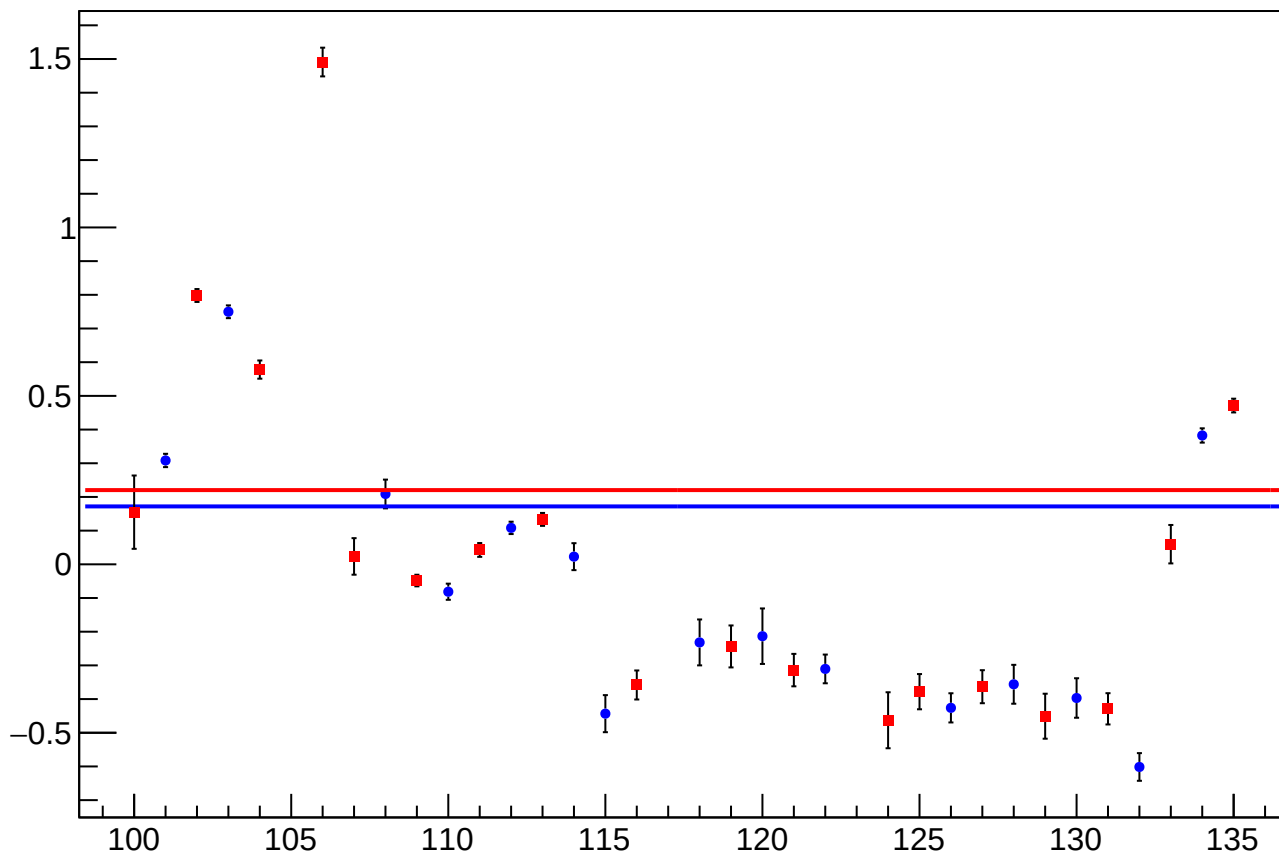
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -16.152 ± 0.092 χ^2/NDF : 1420.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam7_diff_bpm12X_slope vs Slug



Right In: 0.172 $\pm$ 0.008 χ^2 /NDF: 2241.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.220 $\pm$ 0.007 χ^2 /NDF: 3476.7/17

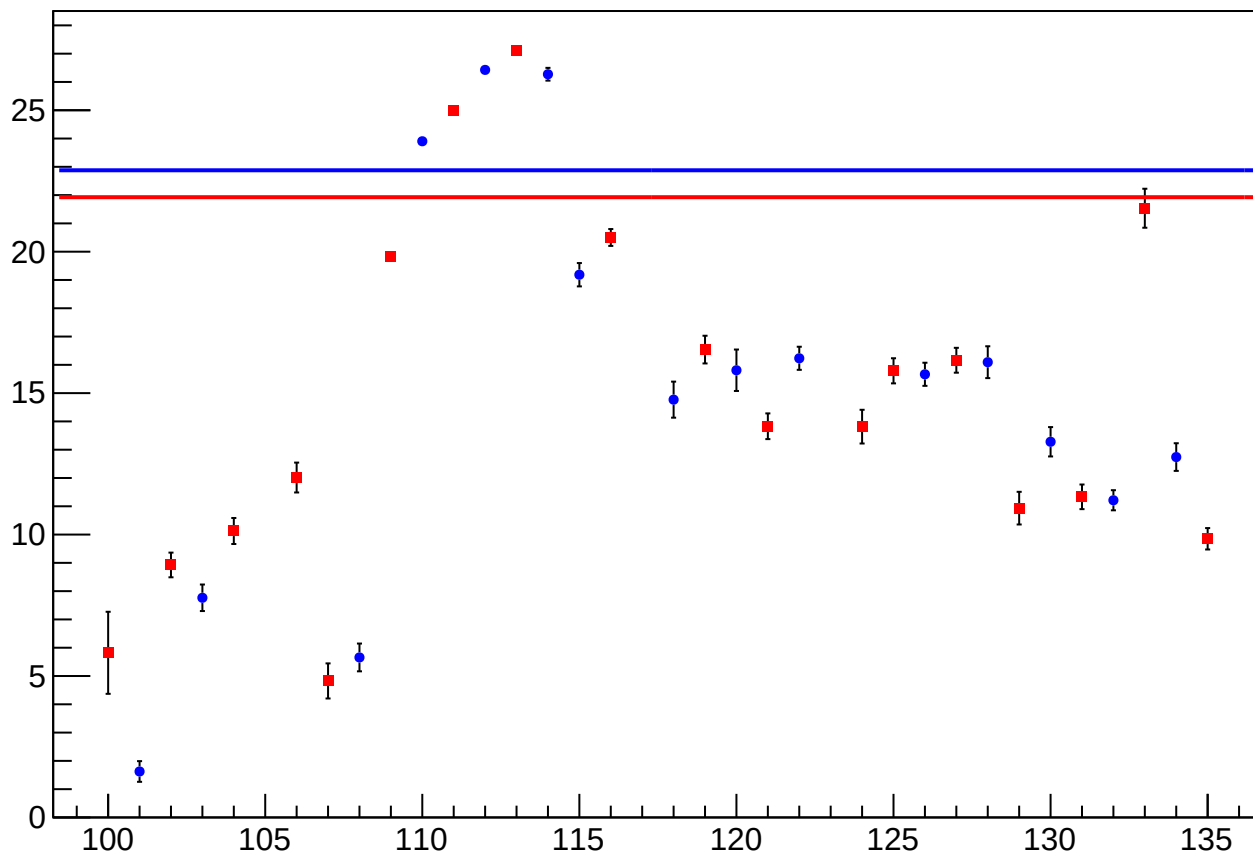
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.198 $\pm$ 0.005 χ^2 /NDF: 5739.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam8_diff_bpm1X_slope vs Slug



Right In: 22.878+/-0.058 χ^2/NDF : 10542.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.926+/-0.046 χ^2/NDF : 10402.9/17

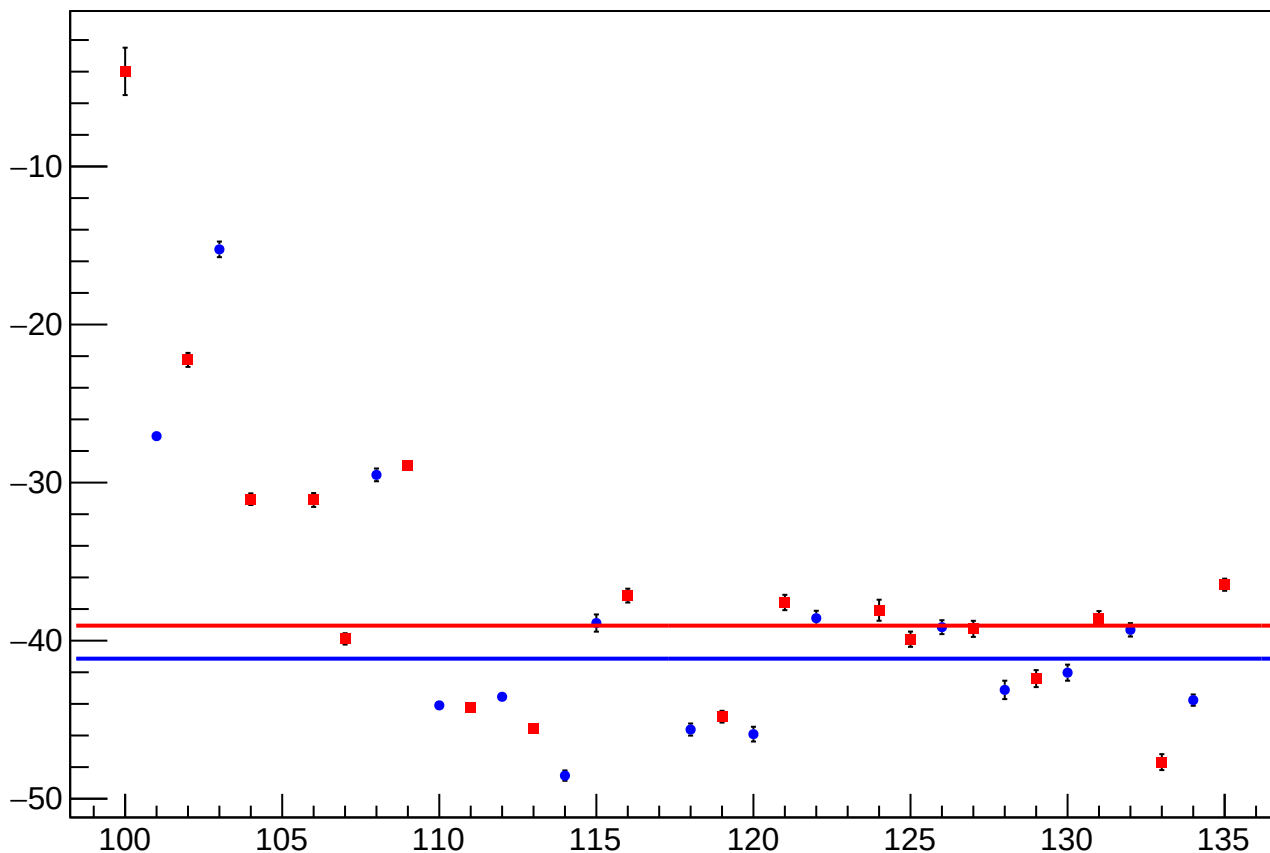
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 22.299+/-0.036 χ^2/NDF : 21110.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm4aY_slope vs Slug



Right In: -41.139 ± 0.079 $\chi^2/\text{NDF}: 7307.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -39.049 ± 0.071 $\chi^2/\text{NDF}: 10069.9/17$

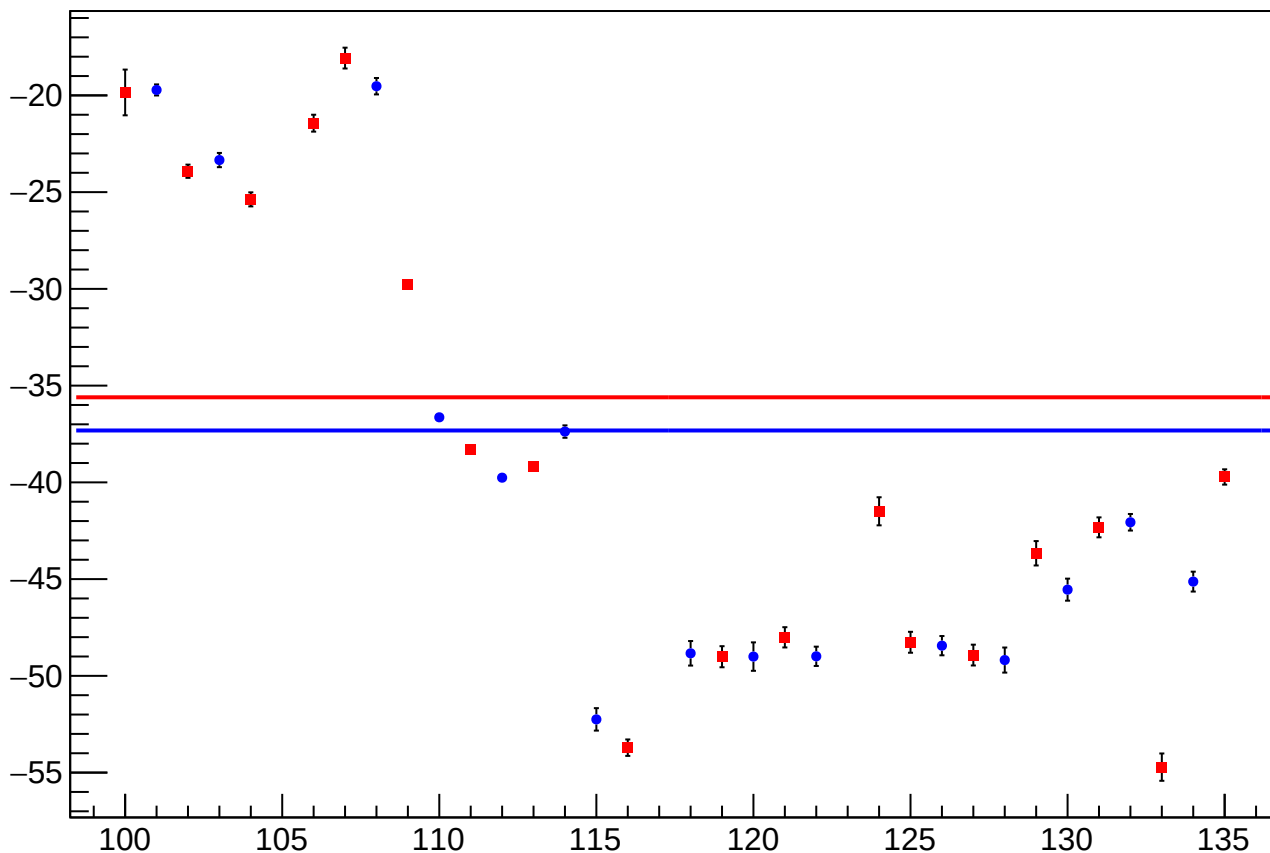
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -39.990 ± 0.053 $\chi^2/\text{NDF}: 17762.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam8_diff_bpm4eX_slope vs Slug



Right In: -37.318 ± 0.077 $\chi^2/\text{NDF}: 10566.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -35.604 ± 0.065 $\chi^2/\text{NDF}: 13068.5/17$

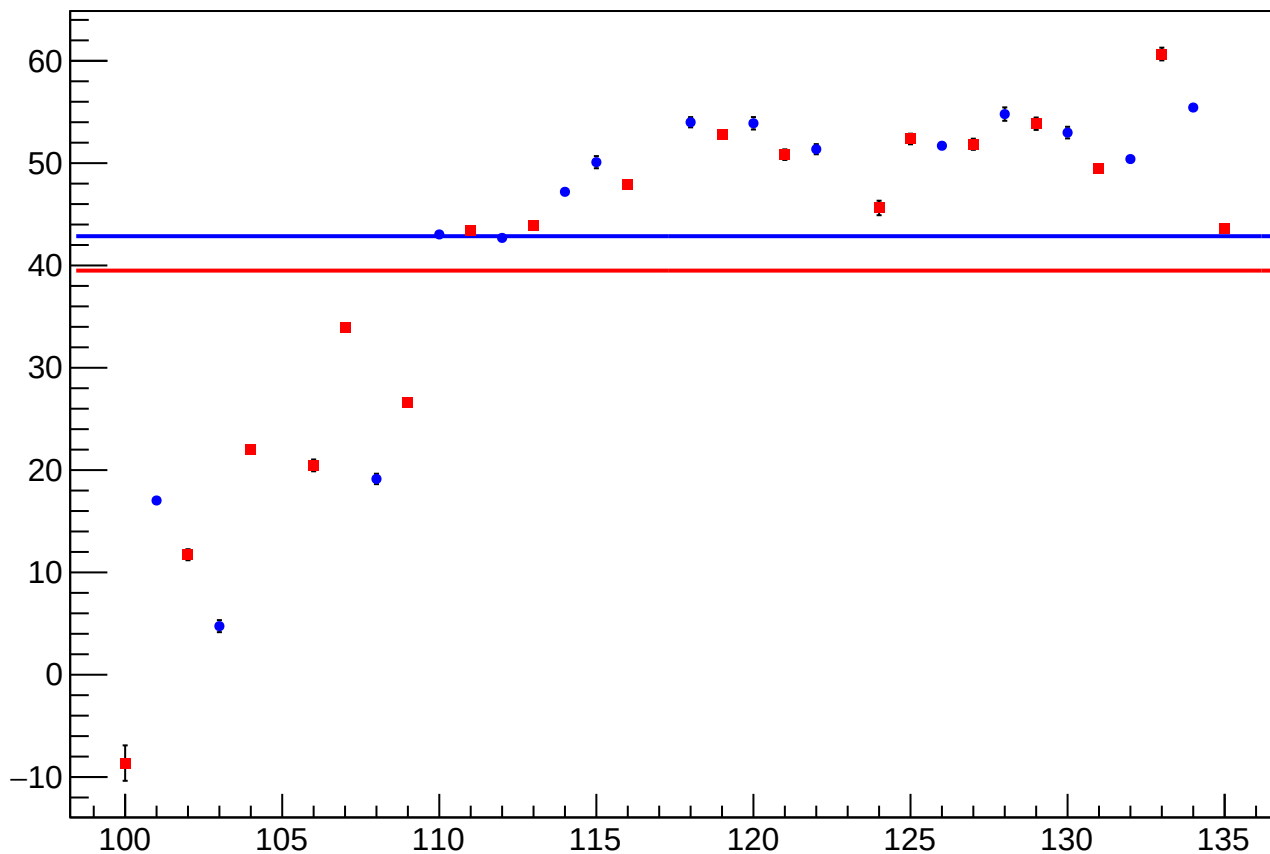
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -36.317 ± 0.050 $\chi^2/\text{NDF}: 23925.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam8_diff_bpm4eY_slope vs Slug



Right In: 42.861+/-0.089 χ^2/NDF : 14731.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 39.498+/-0.079 χ^2/NDF : 17964.1/17

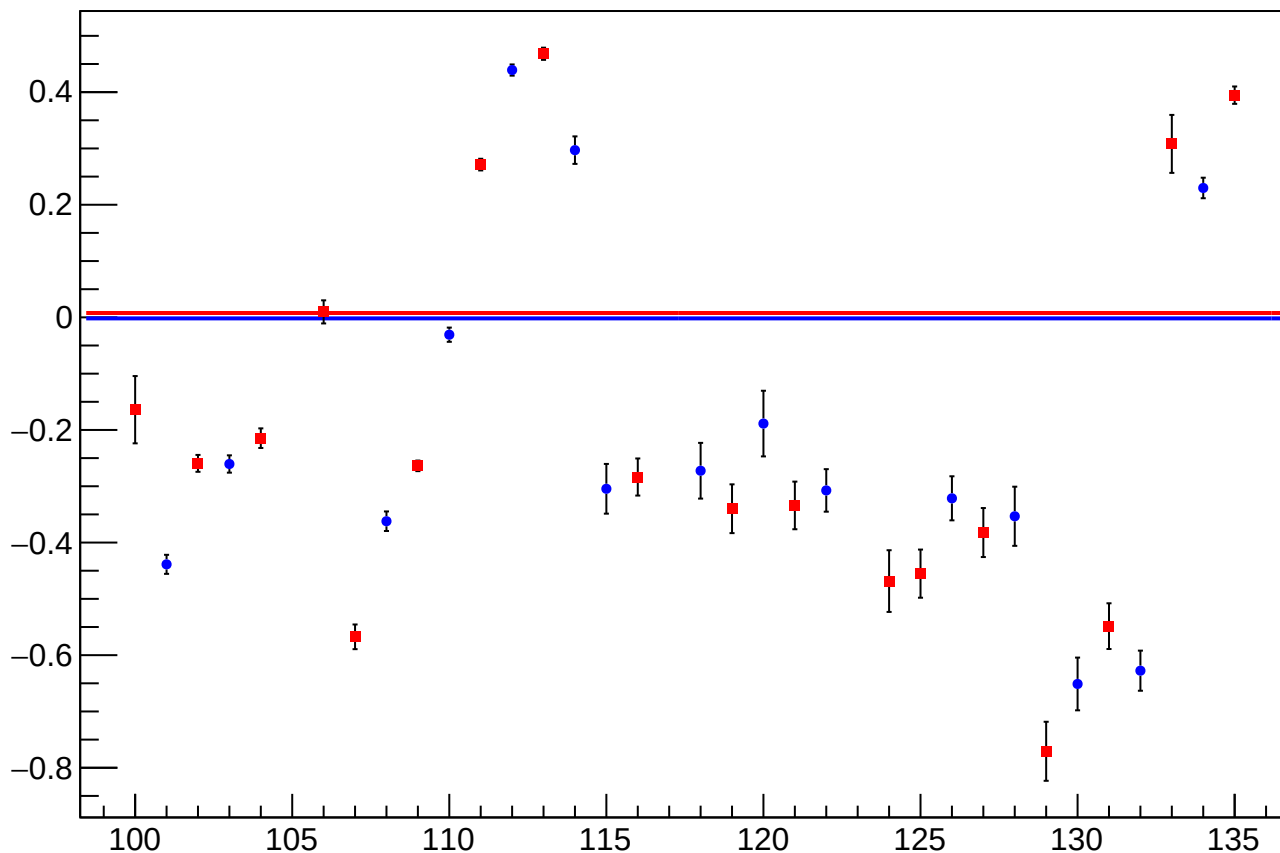
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 40.983+/-0.059 χ^2/NDF : 33501.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam8_diff_bpm12X_slope vs Slug



Right In: -0.002 ± 0.005 $\chi^2/\text{NDF}: 4427.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 0.008 ± 0.004 $\chi^2/\text{NDF}: 6020.1/17$

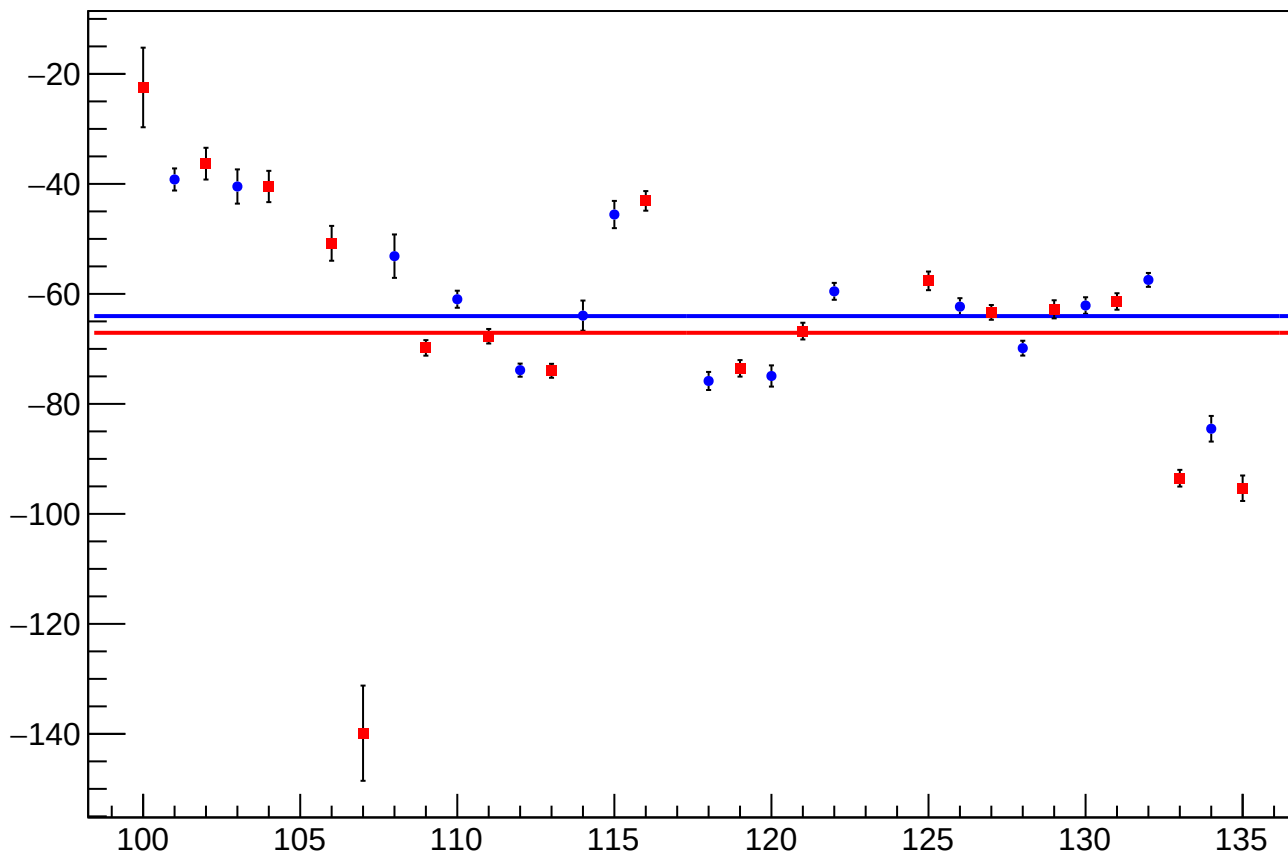
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 0.004 ± 0.003 $\chi^2/\text{NDF}: 10449.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_diff_bpm1X_slope vs Slug



Right In: -64.035 ± 0.442 χ^2/NDF : 562.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -67.074 ± 0.423 χ^2/NDF : 1081.5/16

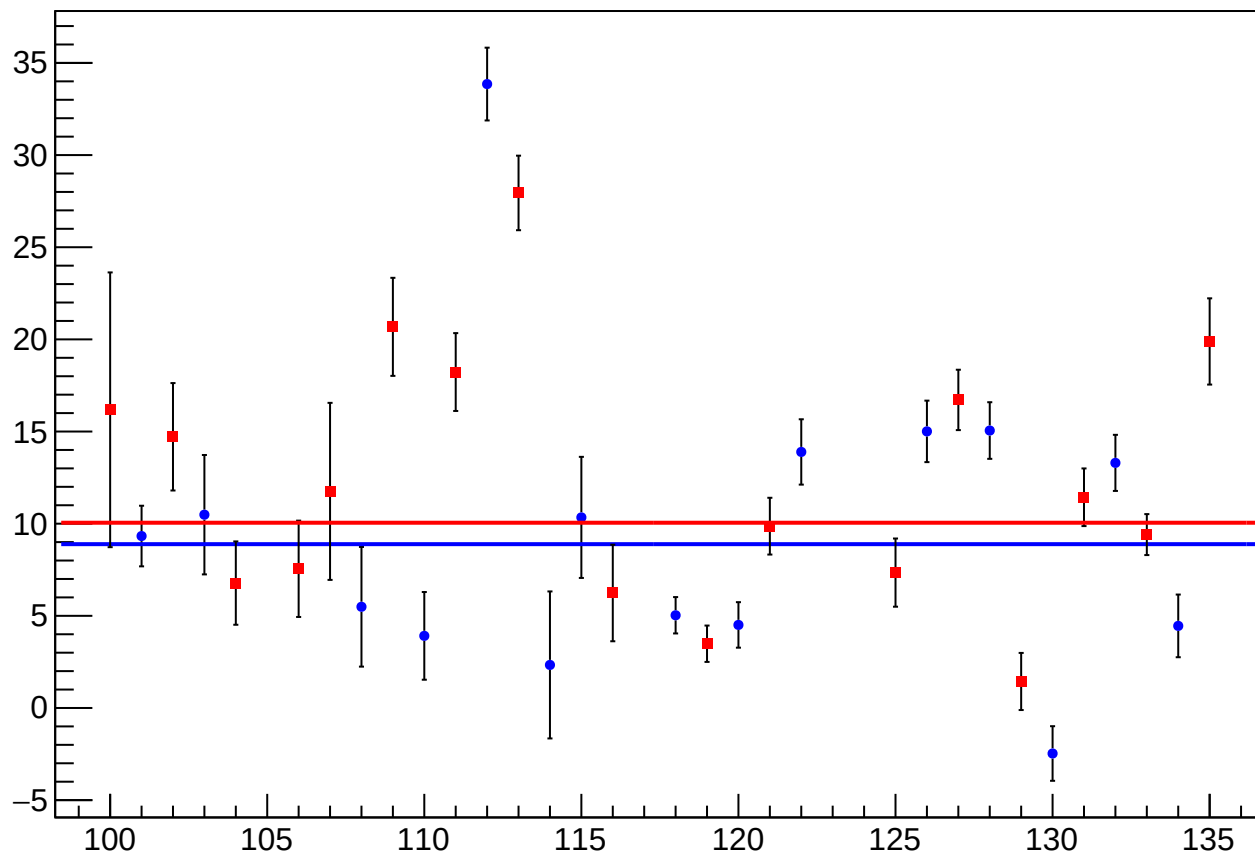
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -65.624 ± 0.306 χ^2/NDF : 1669.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4aY_slope vs Slug



Right In: 8.889+/-0.440 χ^2/NDF : 307.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.051+/-0.438 χ^2/NDF : 230.4/16

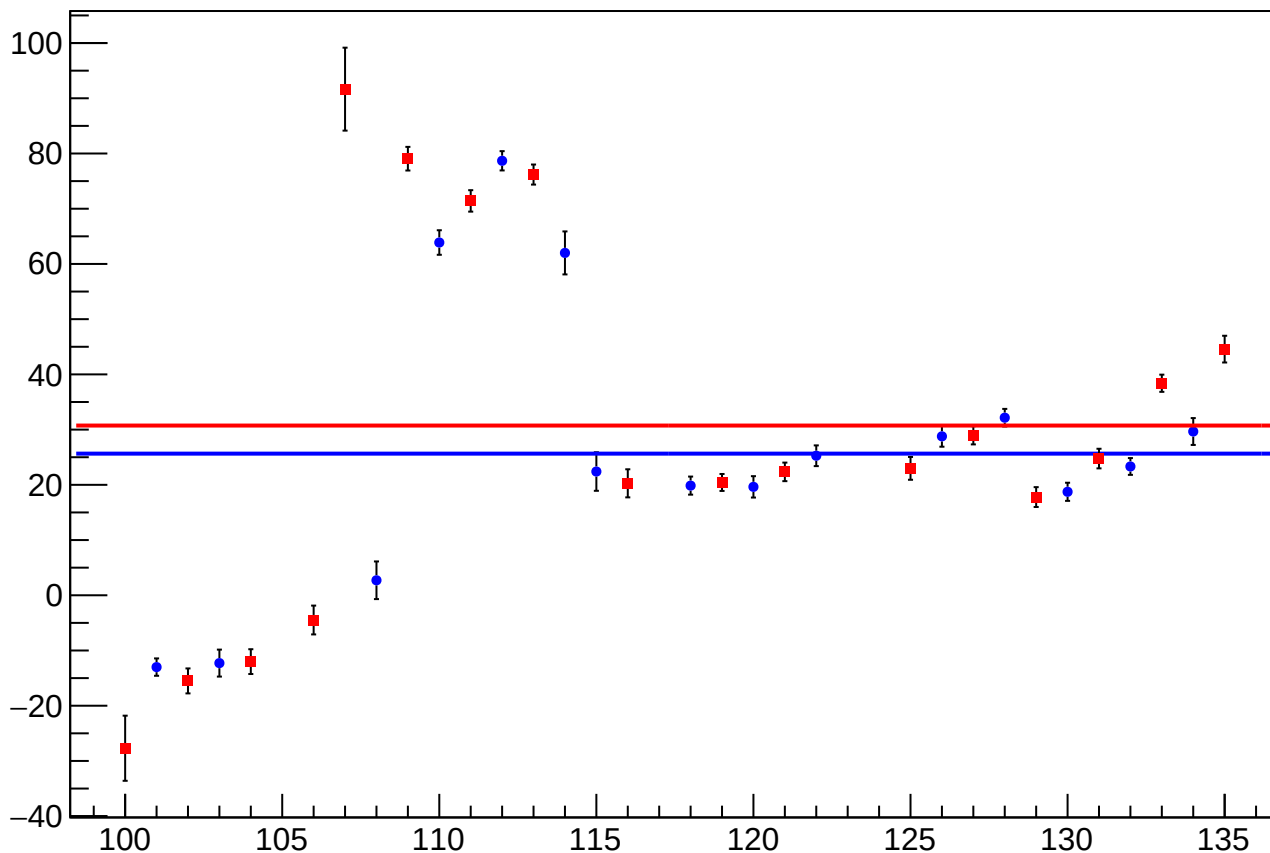
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.473+/-0.310 χ^2/NDF : 541.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm4eX_slope vs Slug



Right In: 25.649+/-0.506 χ^2 /NDF: 2261.2/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 30.735+/-0.493 χ^2 /NDF: 2924.0/16

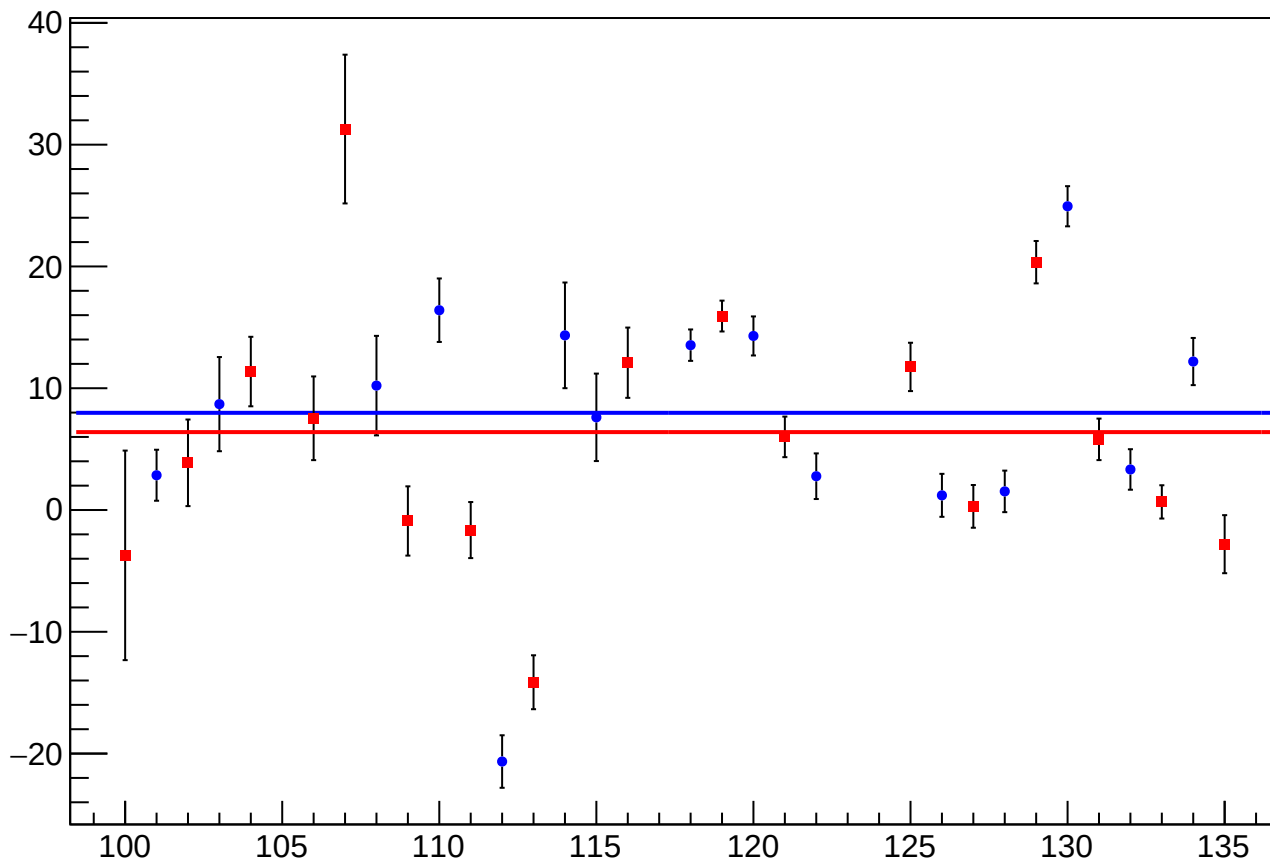
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 28.258+/-0.353 χ^2 /NDF: 5237.1/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_diff_bpm4eY_slope vs Slug



Right In: 7.981+/-0.514 χ^2/NDF : 384.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.397+/-0.506 χ^2/NDF : 303.3/16

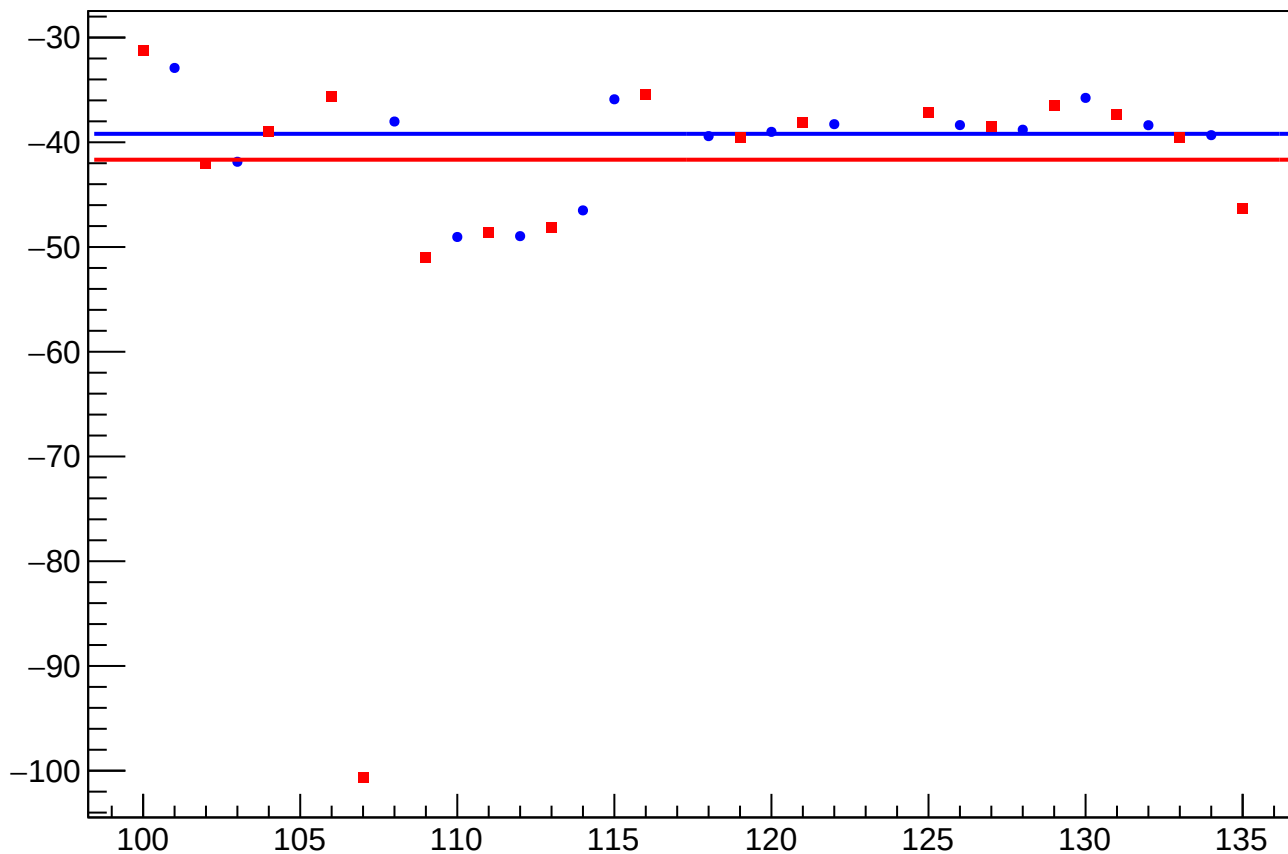
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 7.176+/-0.360 χ^2/NDF : 692.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_diff_bpm12X_slope vs Slug



Right In: -39.193 ± 0.035 χ^2/NDF : 14752.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.663 ± 0.033 χ^2/NDF : 57647.7/16

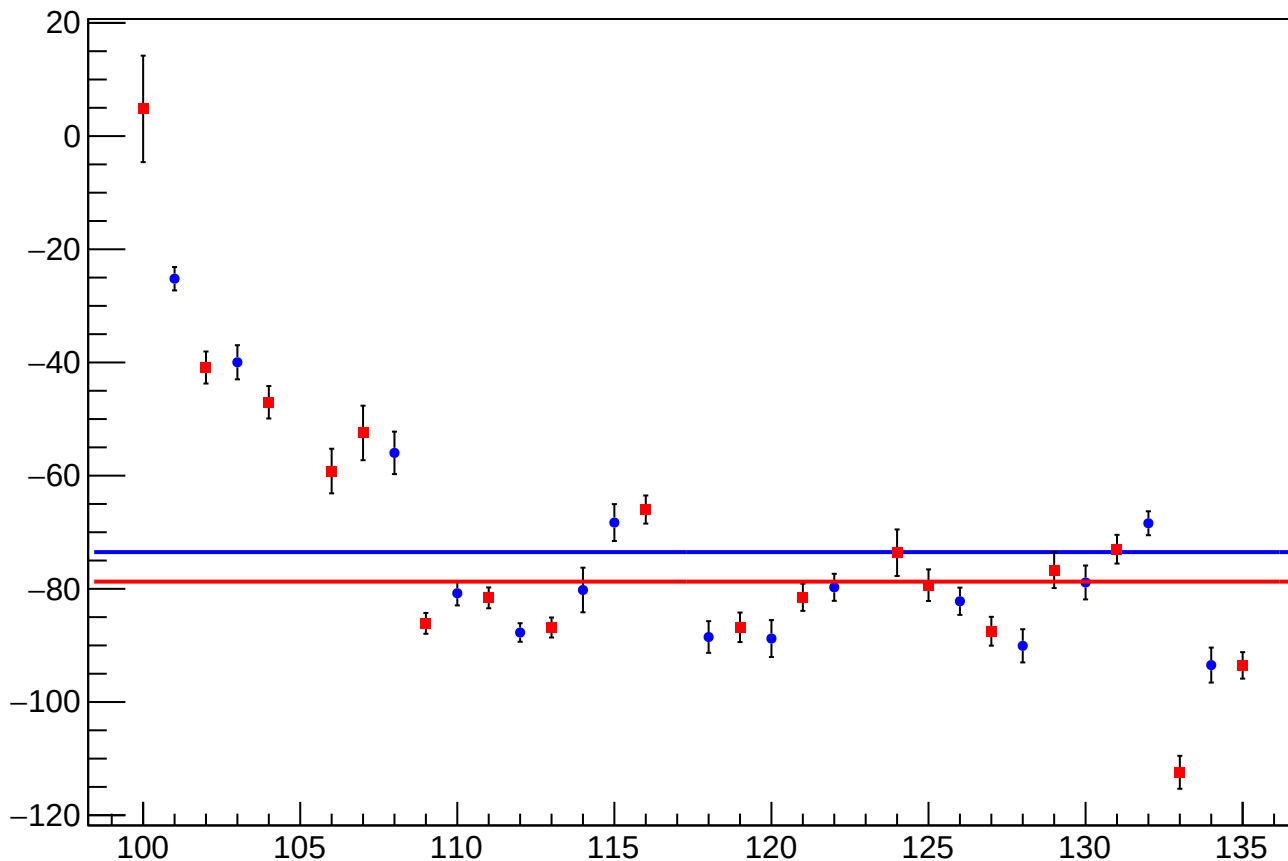
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -40.495 ± 0.024 χ^2/NDF : 75101.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm1X_slope vs Slug



Right In: -73.510 ± 0.661 χ^2/NDF : 935.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -78.727 ± 0.614 χ^2/NDF : 703.7/17

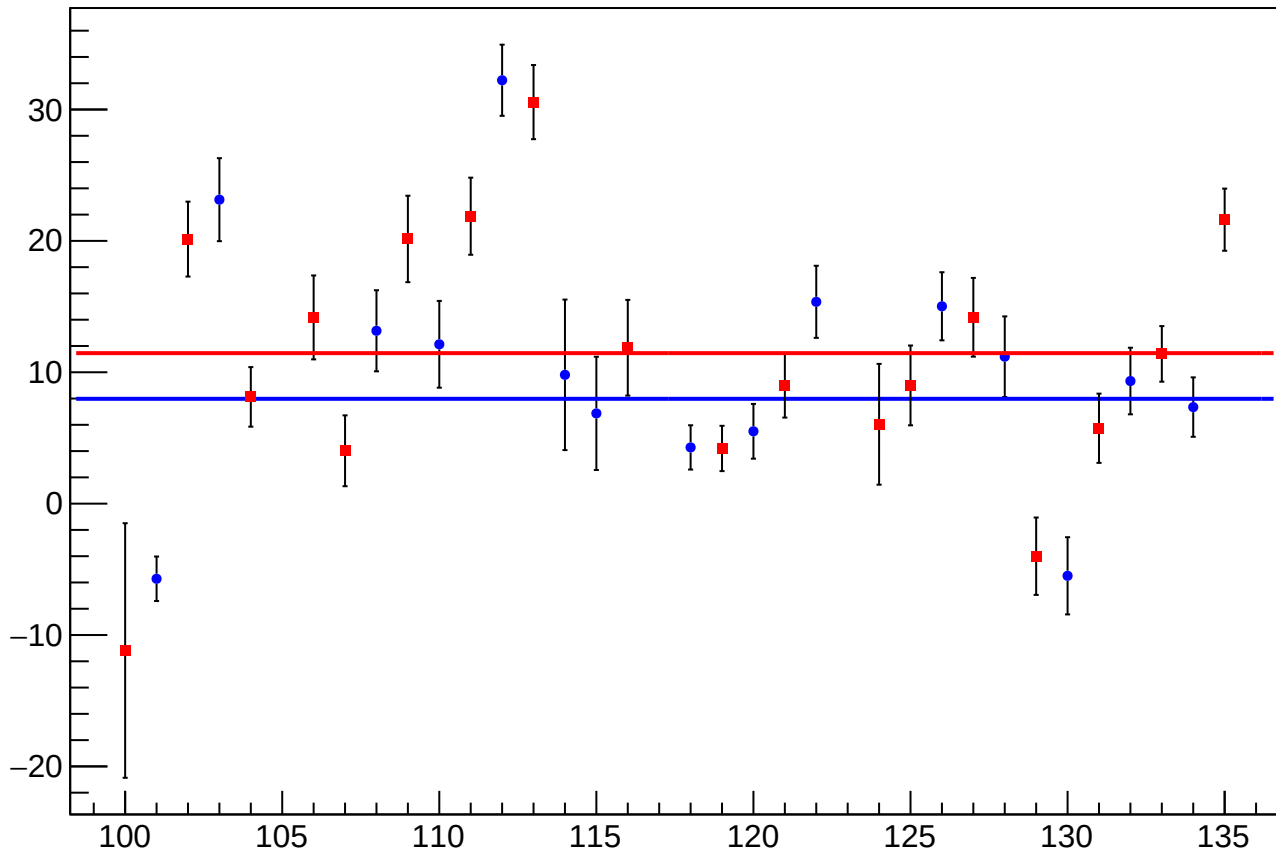
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.313 ± 0.450 χ^2/NDF : 1672.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4aY_slope vs Slug



Right In: 7.980+/-0.659 χ^2/NDF : 216.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.457+/-0.645 χ^2/NDF : 163.0/17

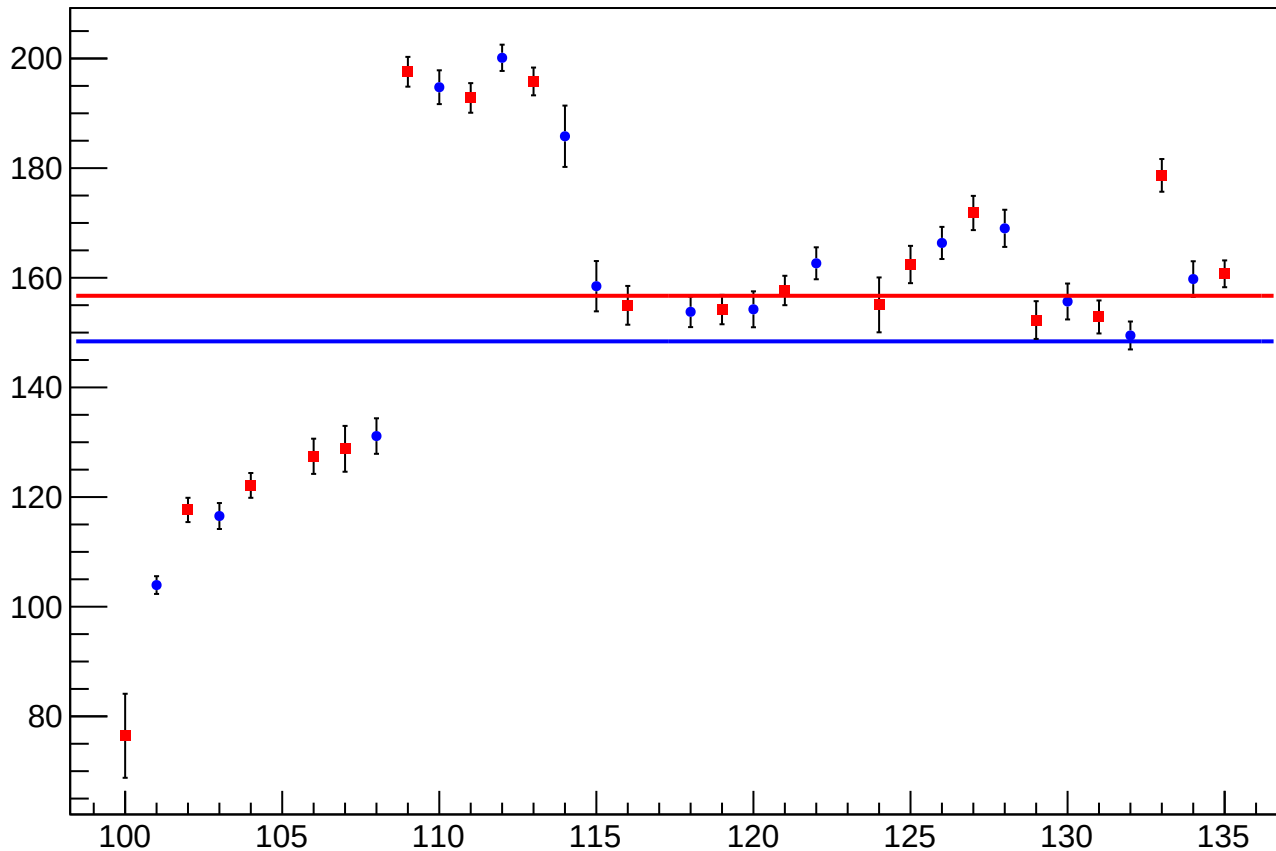
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 9.755+/-0.461 χ^2/NDF : 393.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm4eX_slope vs Slug



Right In: 148.401 $\pm$ 0.726 χ^2 /NDF: 1826.8/14

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

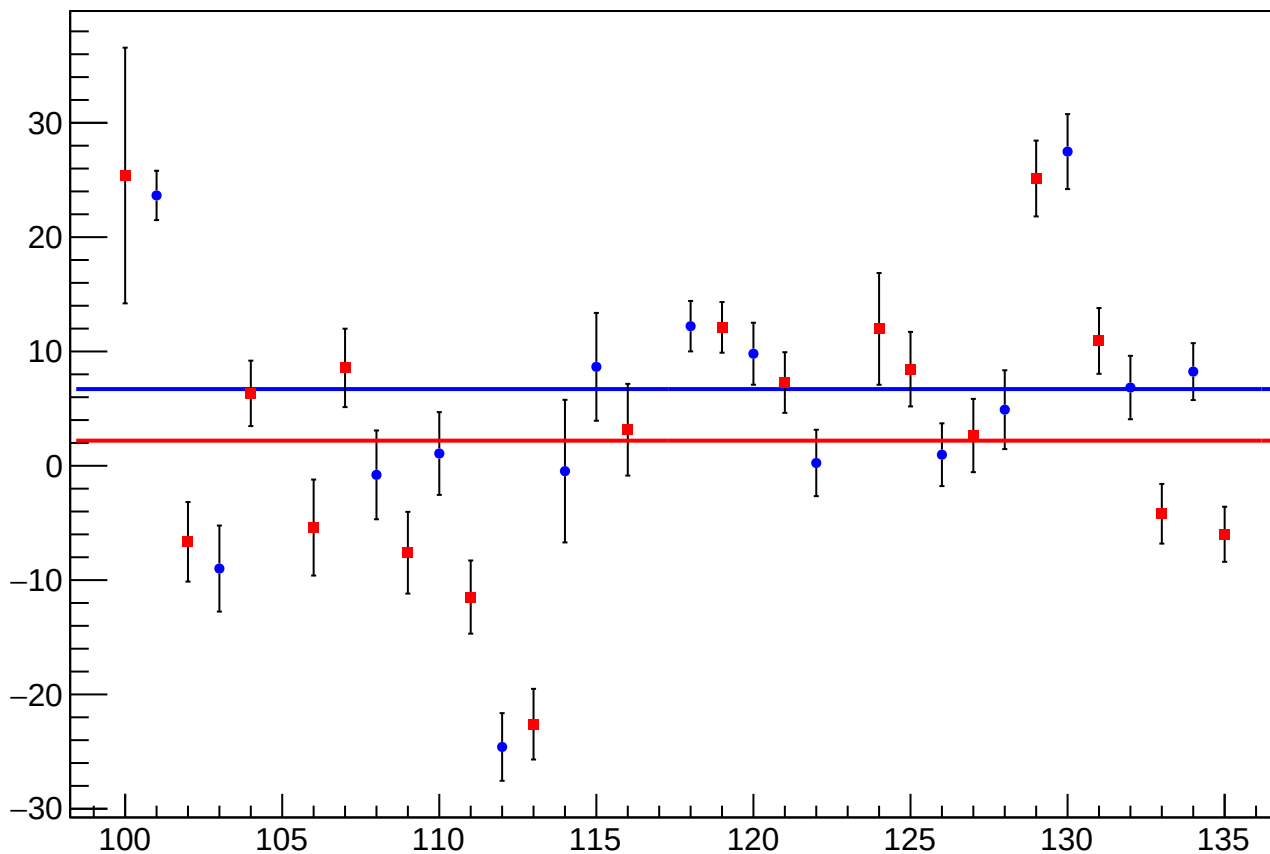
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 152.727 $\pm$ 0.503 χ^2 /NDF: 3407.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_diff_bpm4eY_slope vs Slug



Right In: 6.710+/-0.773 χ^2/NDF : 256.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.199+/-0.744 χ^2/NDF : 215.8/17

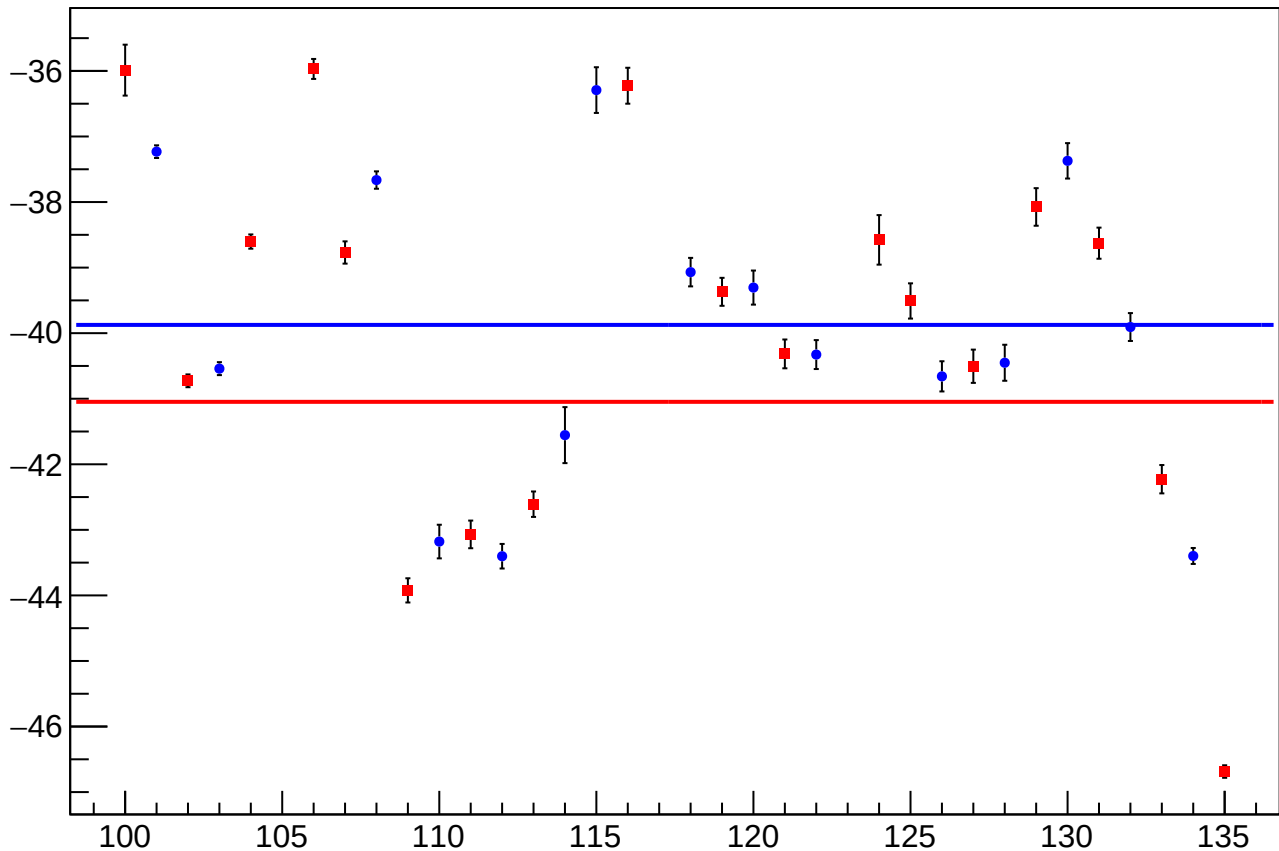
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.368+/-0.536 χ^2/NDF : 489.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_diff_bpm12X_slope vs Slug



Right In: -39.874 ± 0.044 $\chi^2/\text{NDF}: 2674.0/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.047 ± 0.041 $\chi^2/\text{NDF}: 6565.4/17$

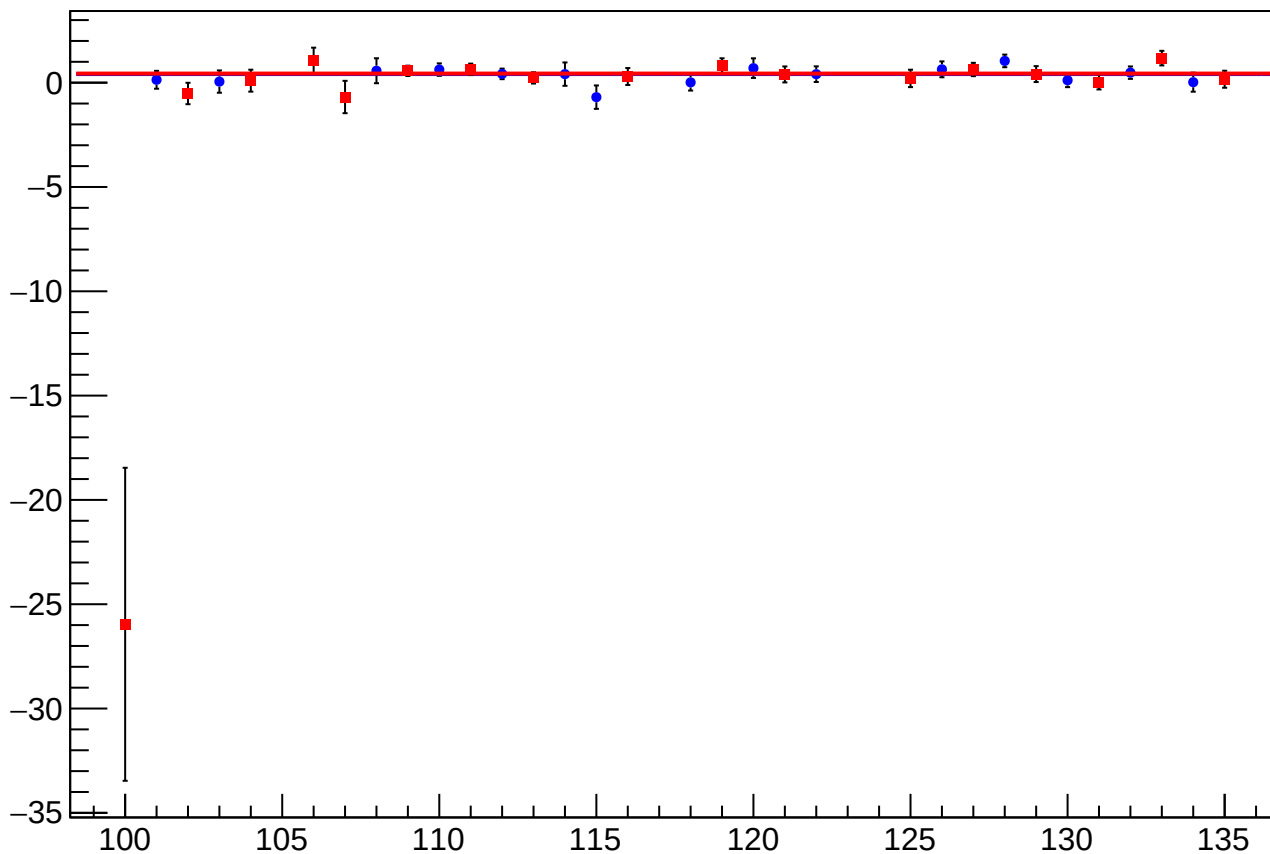
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.508 ± 0.030 $\chi^2/\text{NDF}: 9622.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_dsl_diff_bpm1X_slope vs Slug



Right In: 0.413 $\pm$ 0.097 χ^2 /NDF: 13.0/14

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

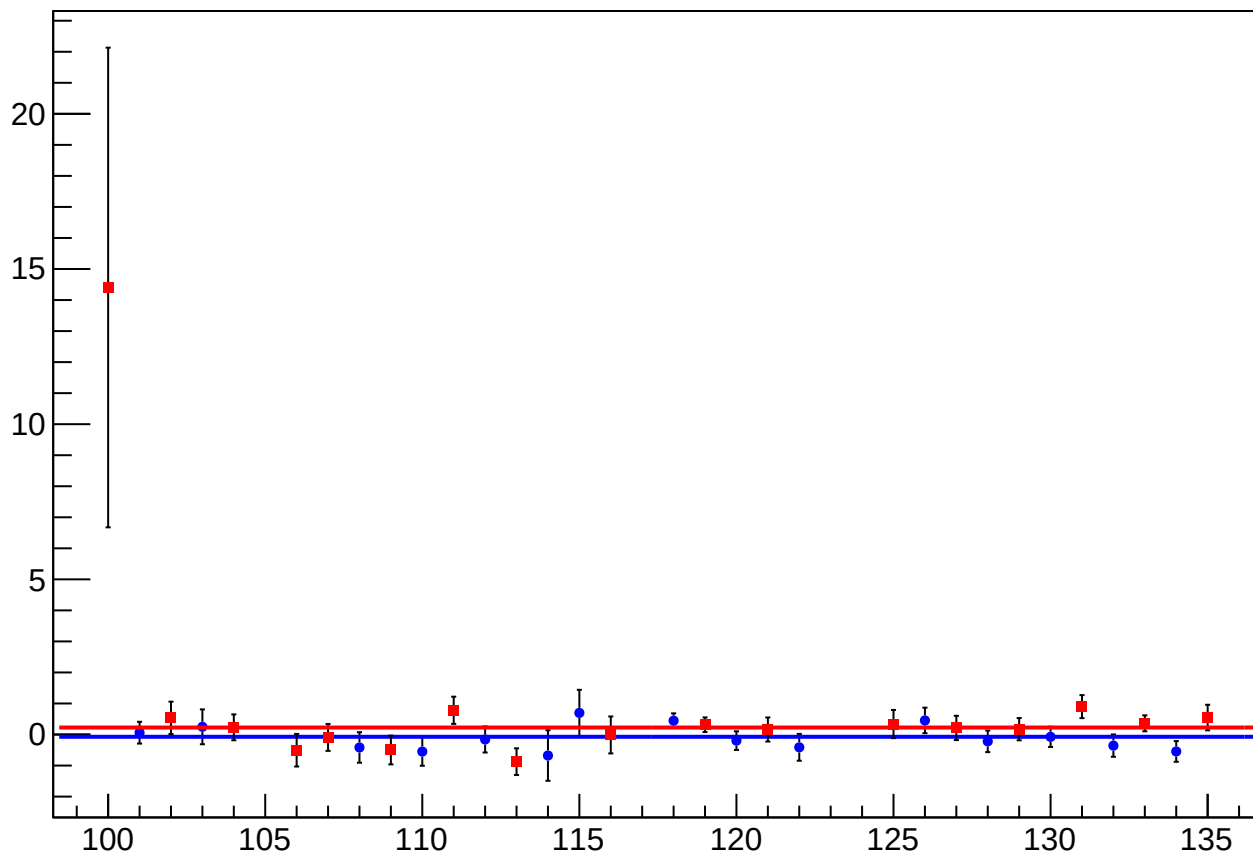
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.425 $\pm$ 0.066 χ^2 /NDF: 42.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm4aY_slope vs Slug



Right In: -0.073 ± 0.098 χ^2/NDF : 13.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.226 ± 0.096 χ^2/NDF : 21.4/16

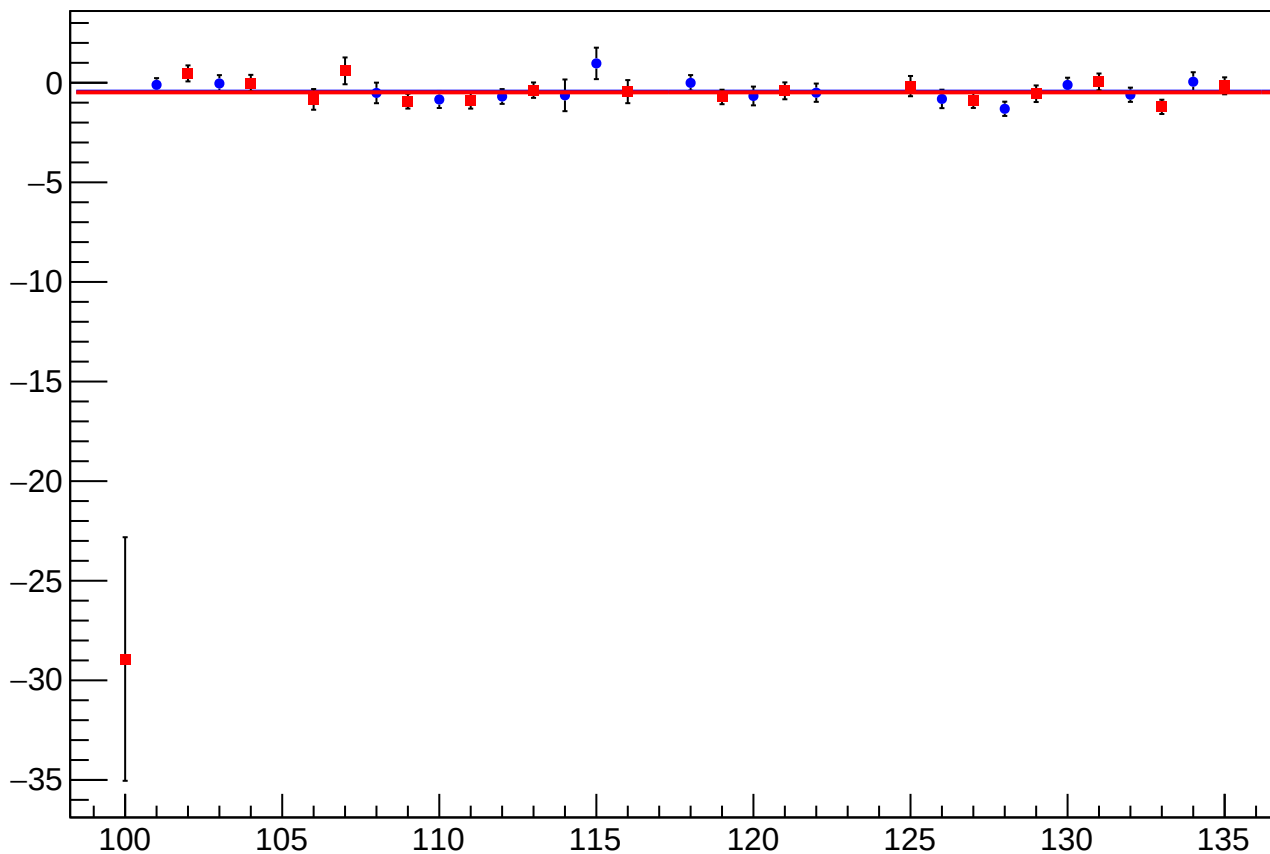
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.080 ± 0.069 χ^2/NDF : 39.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eX_slope vs Slug



Right In: -0.447 ± 0.110 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.482 ± 0.106 χ^2/NDF : 42.2/16

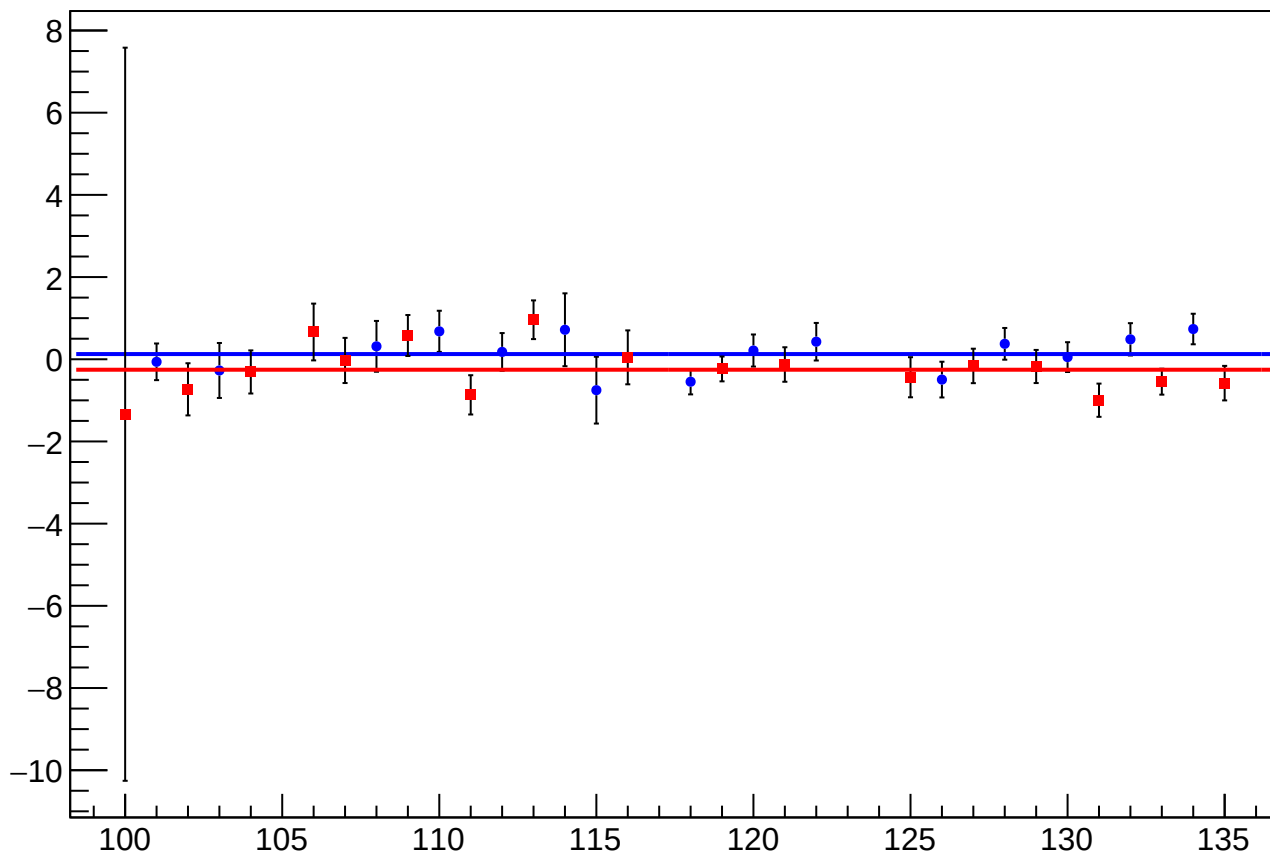
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.465 ± 0.076 χ^2/NDF : 58.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsl_diff_bpm4eY_slope vs Slug



Right In: 0.126 $\pm$ 0.114 χ^2 /NDF: 14.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -0.255 $\pm$ 0.111 χ^2 /NDF: 19.0/16

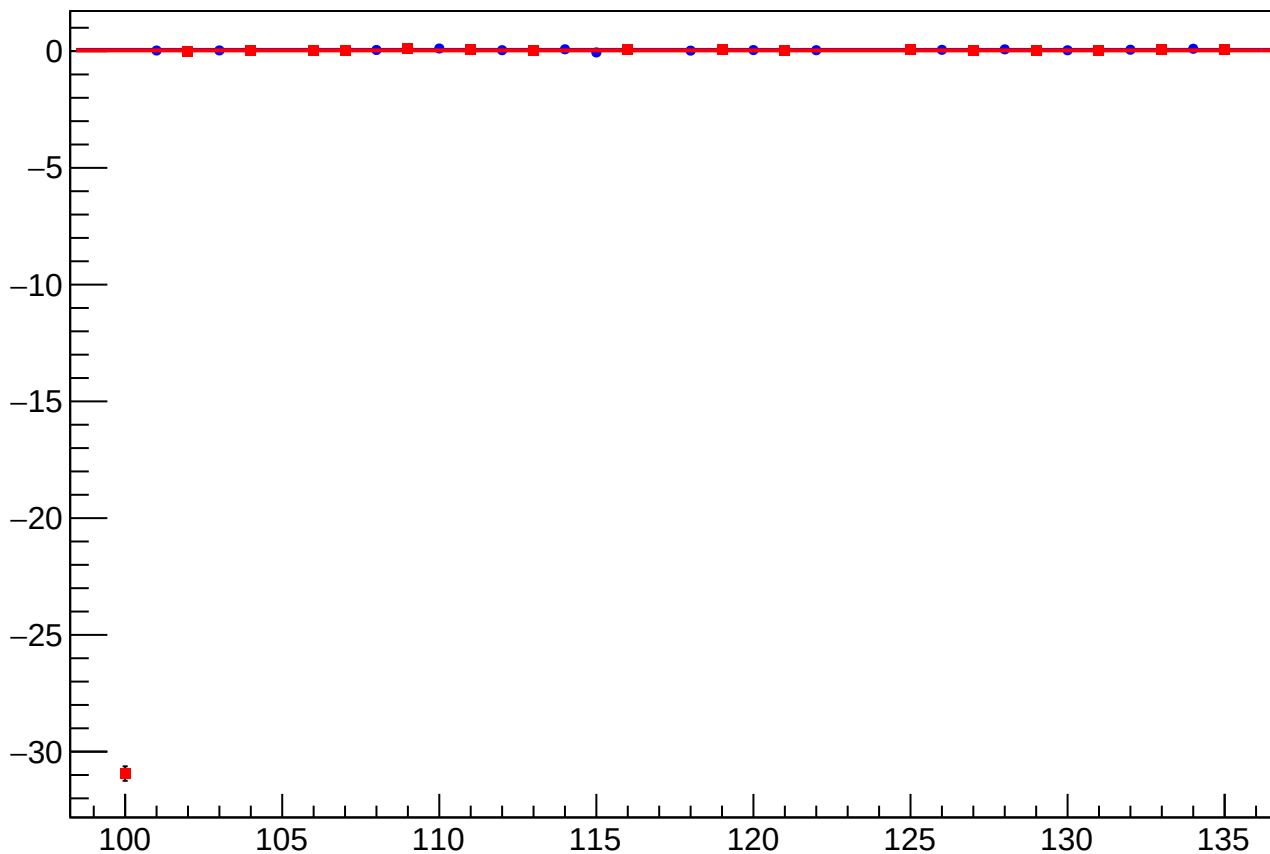
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.070 $\pm$ 0.080 χ^2 /NDF: 39.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_dsl_diff_bpm12X_slope vs Slug



Right In: 0.050+/-0.007 χ^2/NDF : 18.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.031+/-0.007 χ^2/NDF : 10017.1/16

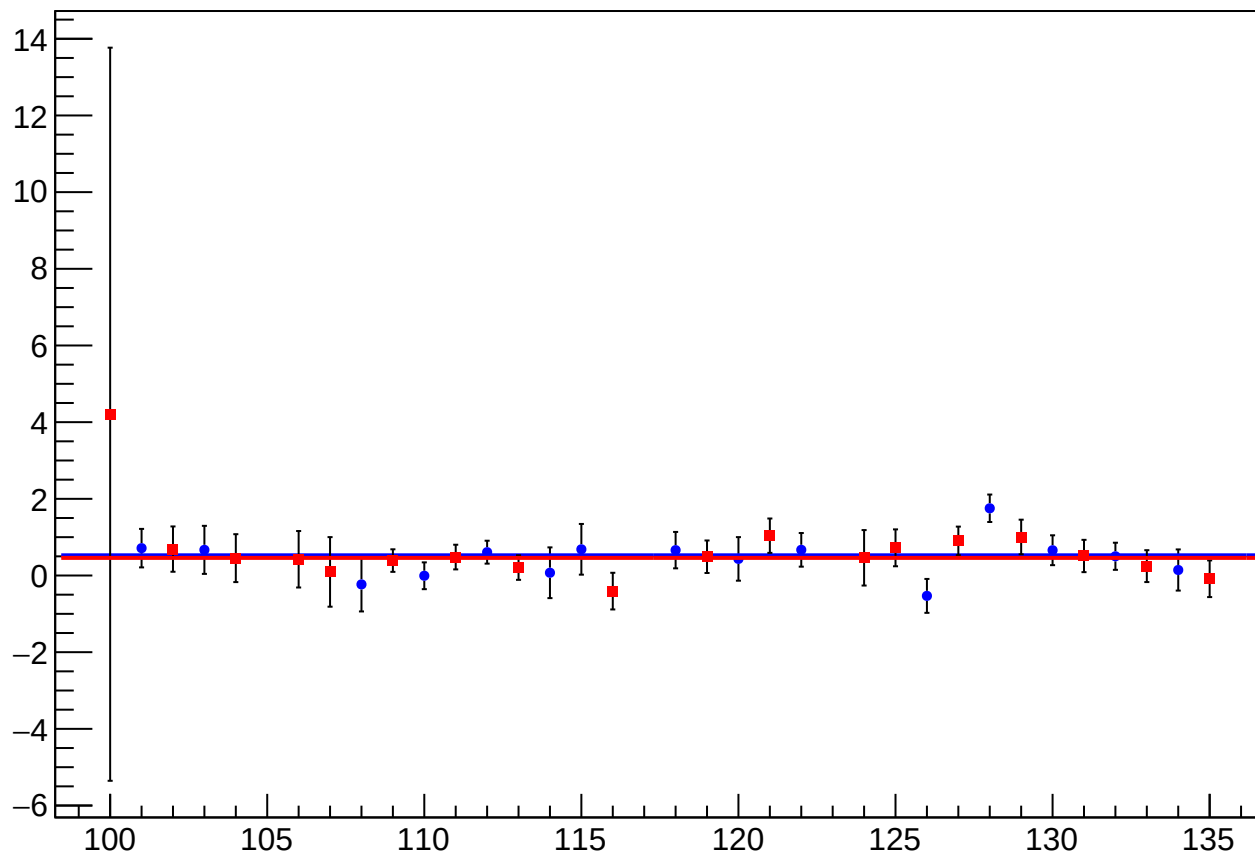
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.040+/-0.005 χ^2/NDF : 10040.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm1X_slope vs Slug



Right In: 0.527+/-0.115 χ^2/NDF : 22.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.460+/-0.106 χ^2/NDF : 10.8/17

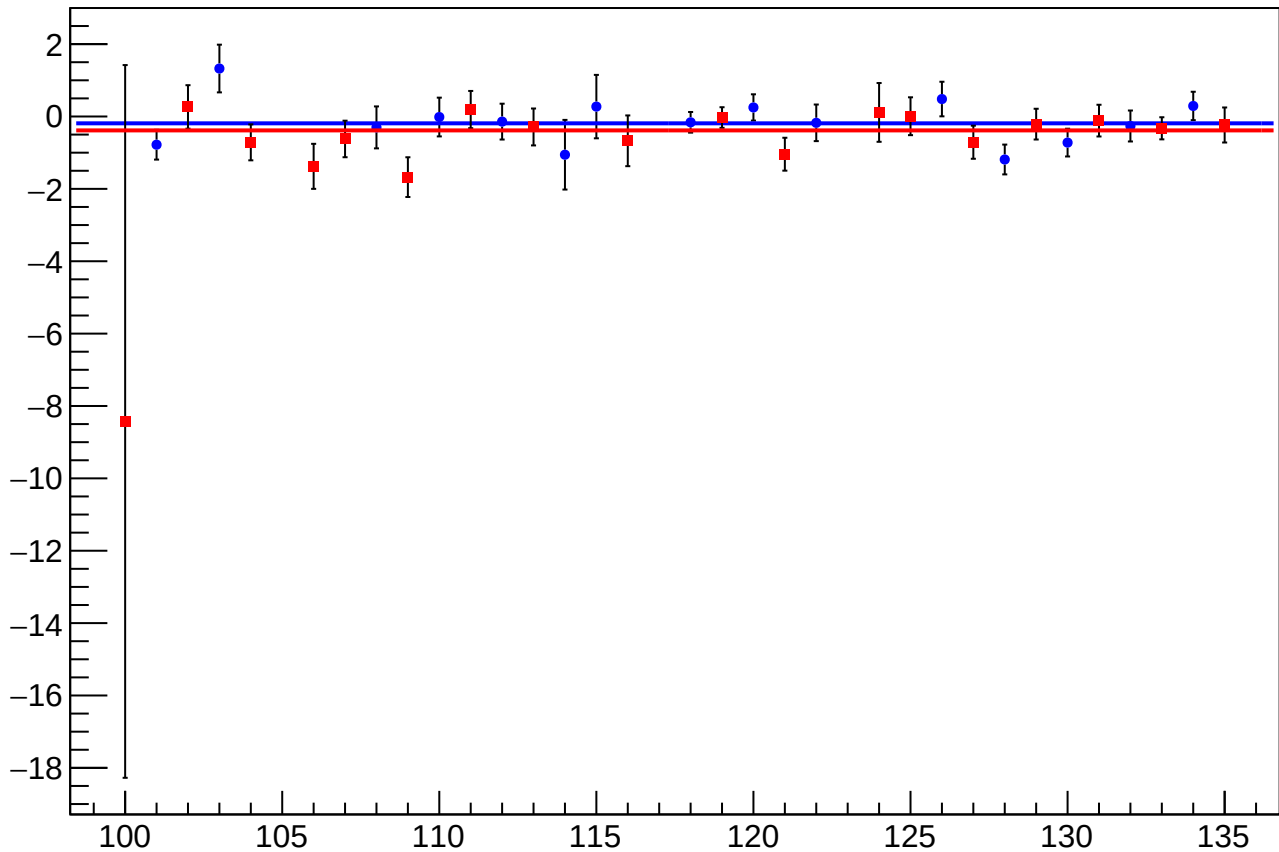
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.491+/-0.078 χ^2/NDF : 33.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4aY_slope vs Slug



Right In: -0.189 ± 0.116 χ^2/NDF : 21.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.384 ± 0.112 χ^2/NDF : 17.8/17

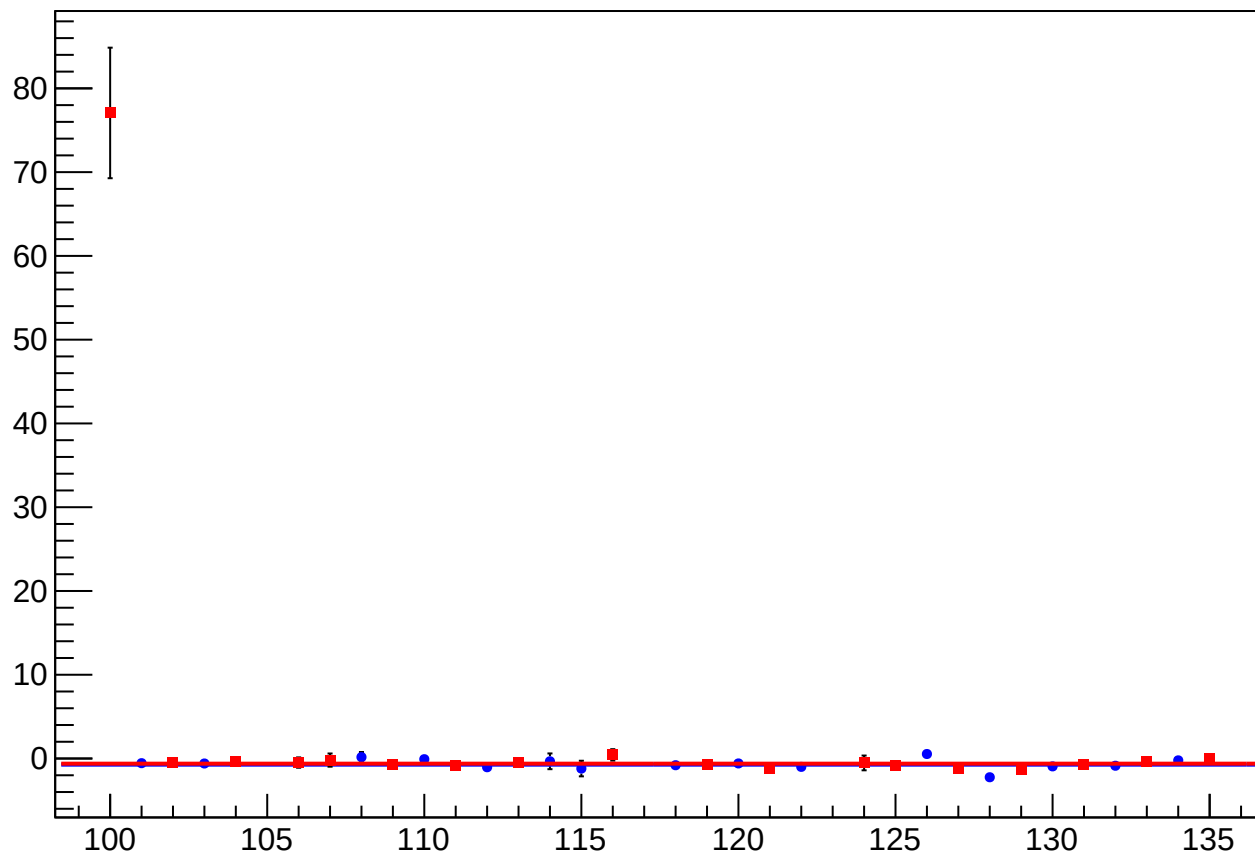
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.290 ± 0.081 χ^2/NDF : 40.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eX_slope vs Slug



Right In: -0.732 ± 0.130 χ^2/NDF : 24.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.615 ± 0.124 χ^2/NDF : 110.3/17

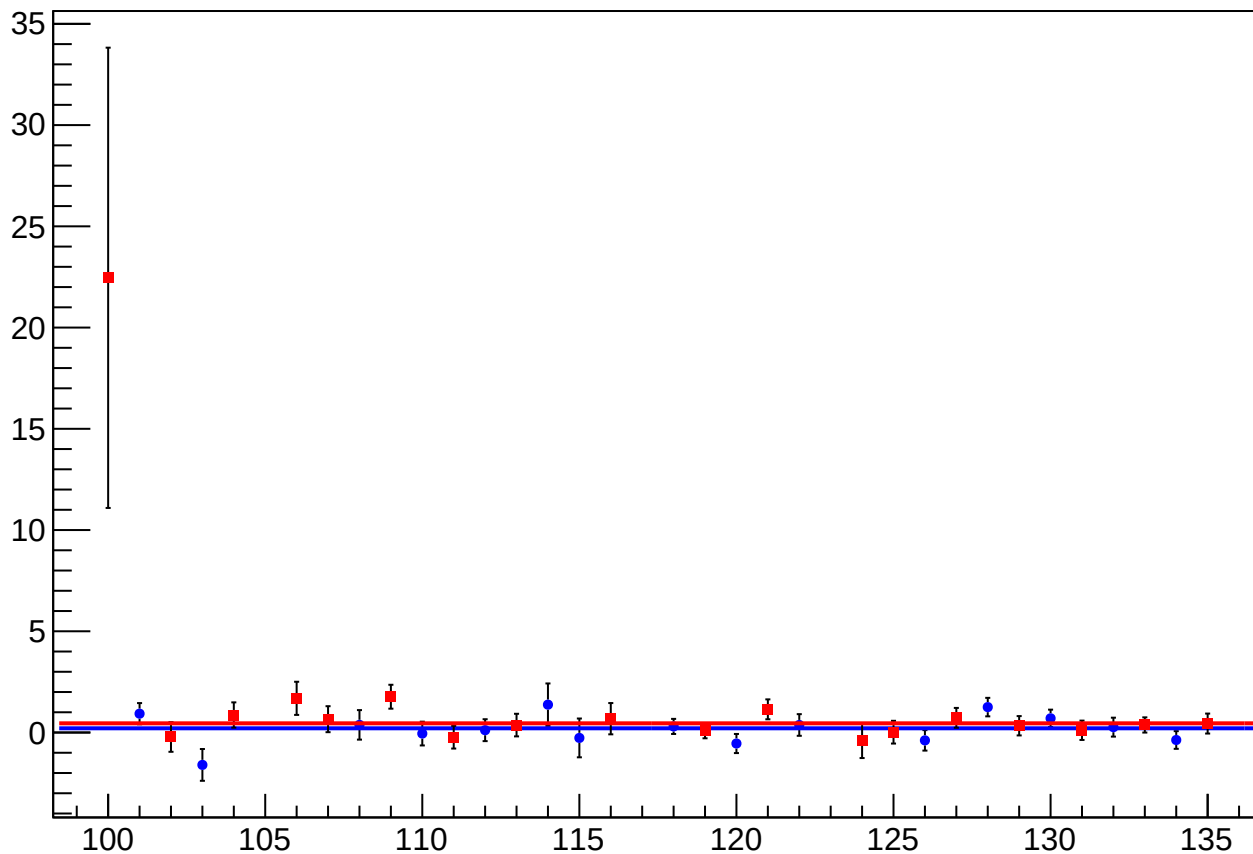
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.671 ± 0.090 χ^2/NDF : 135.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm4eY_slope vs Slug



Right In: 0.208 ± 0.135 χ^2/NDF : 21.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.454 ± 0.130 χ^2/NDF : 19.5/17

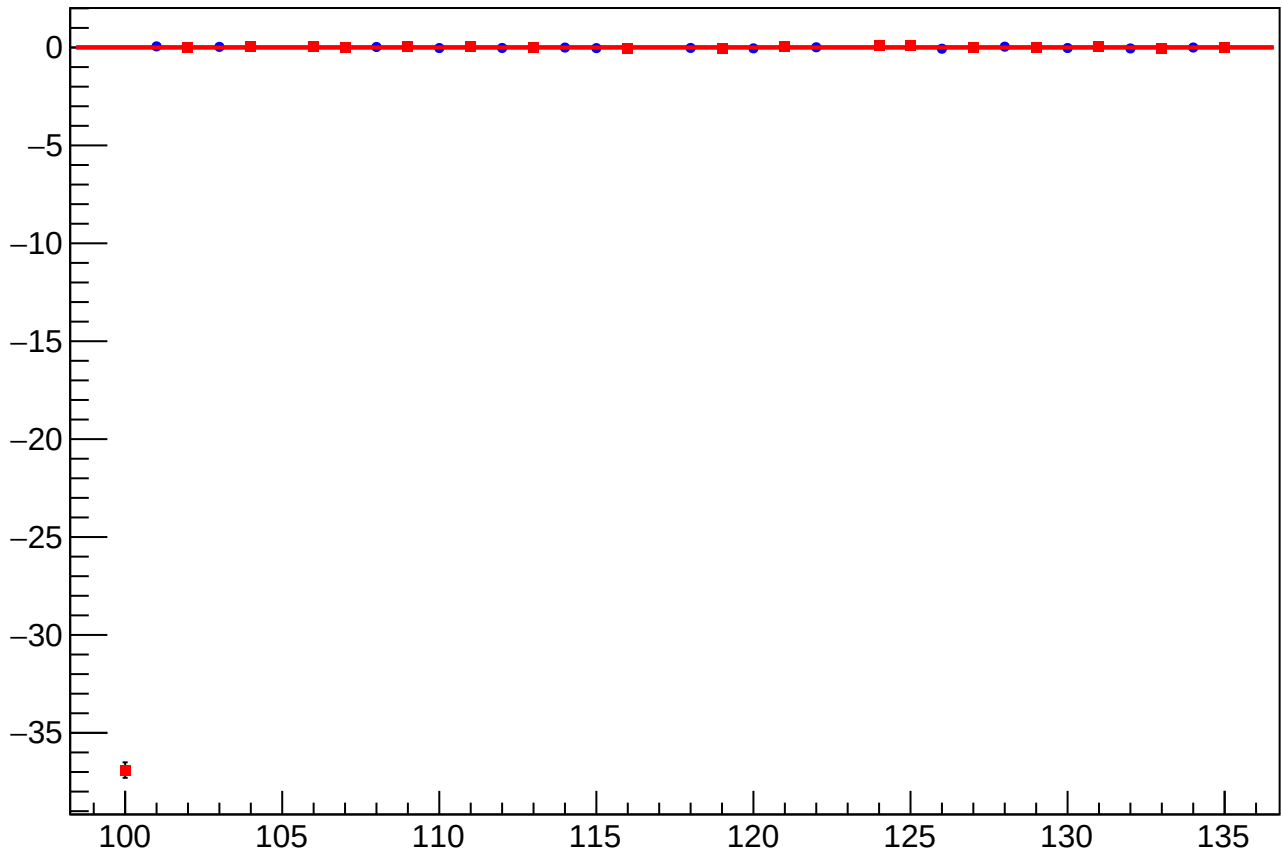
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.336 ± 0.094 χ^2/NDF : 42.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_dsr_diff_bpm12X_slope vs Slug



Right In: 0.006+/-0.008 χ^2/NDF : 17.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.002+/-0.008 χ^2/NDF : 8753.3/17

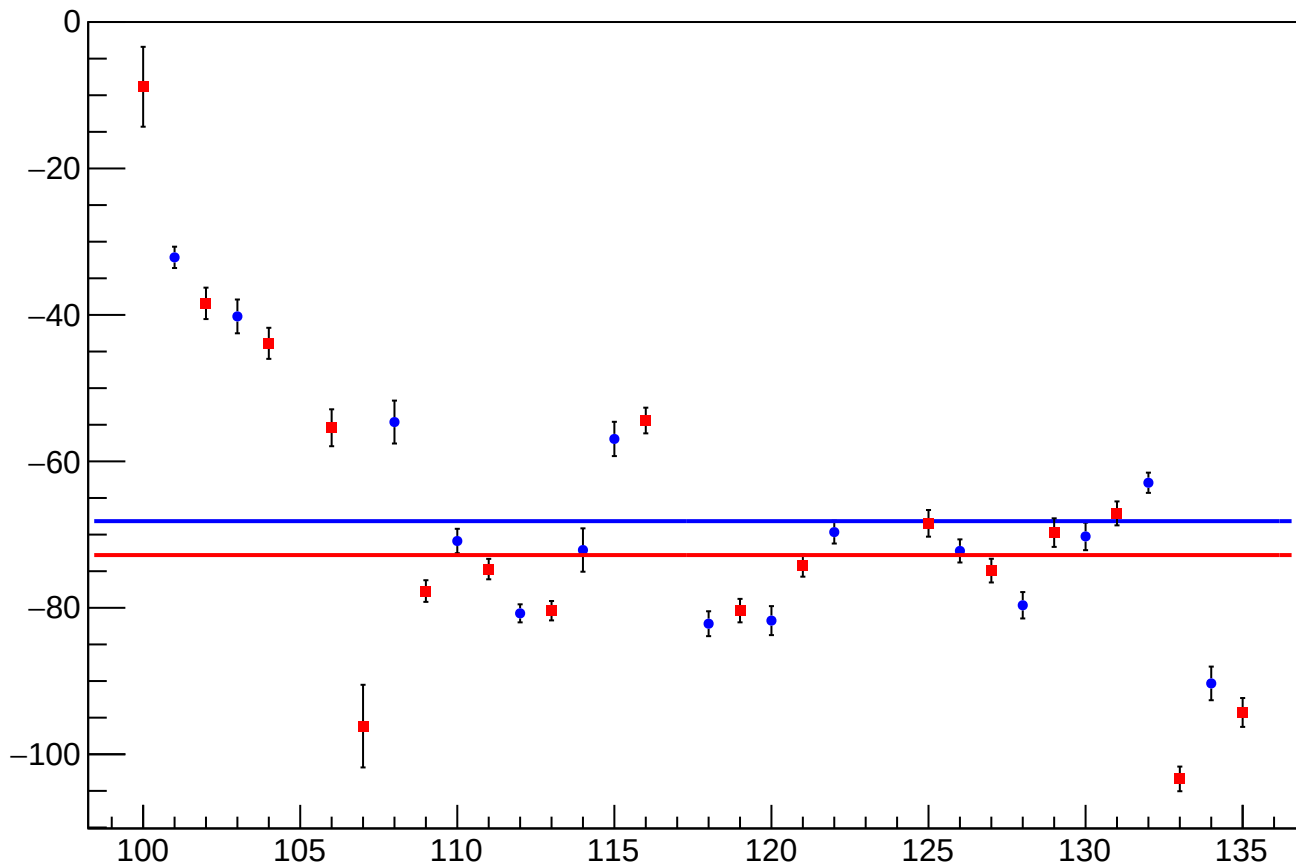
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.004+/-0.006 χ^2/NDF : 8771.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm1X_slope vs Slug



Right In: -68.163 $\pm$ 0.456 χ^2 /NDF: 1183.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -72.796 $\pm$ 0.435 χ^2 /NDF: 1294.3/16

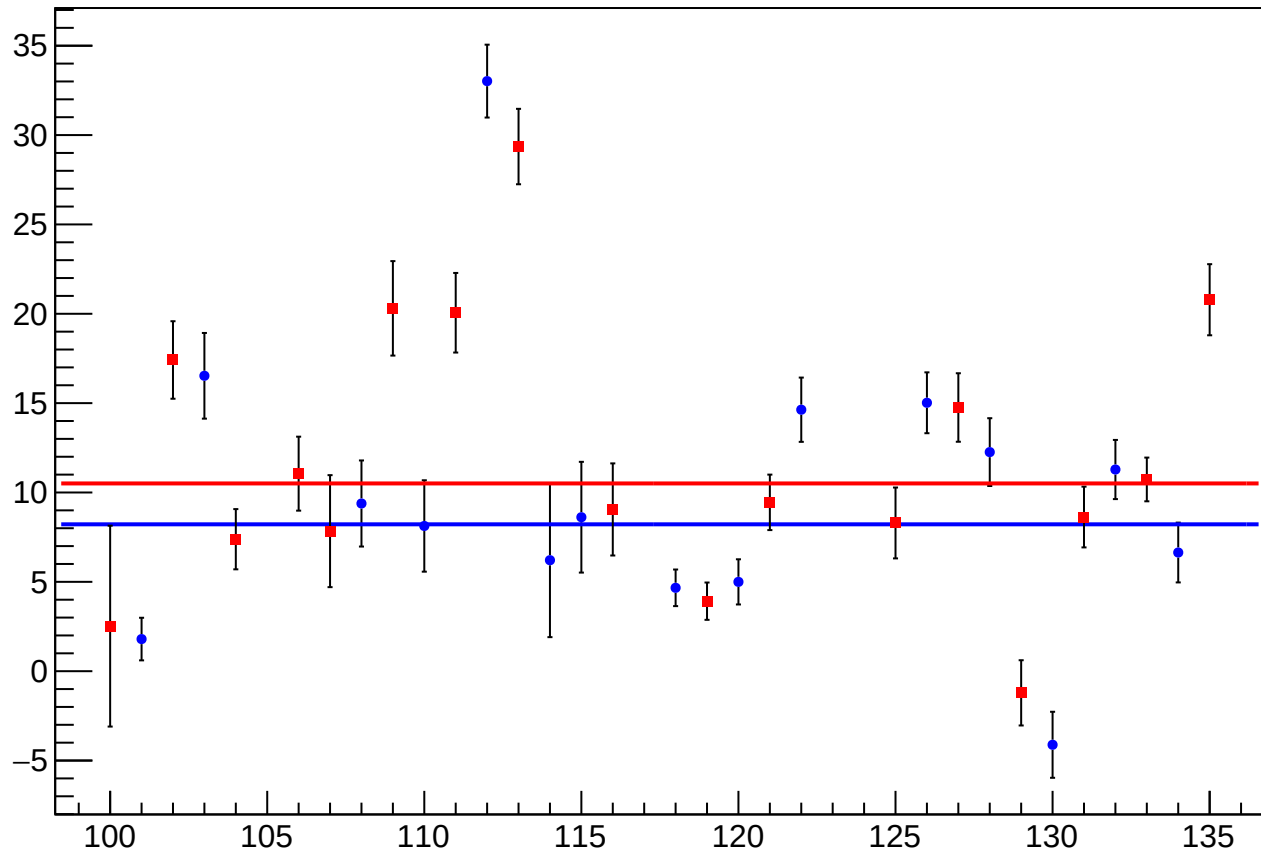
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -70.588 $\pm$ 0.315 χ^2 /NDF: 2531.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4aY_slope vs Slug



Right In: 8.219 $\pm$ 0.442 χ^2 /NDF: 290.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 10.506 $\pm$ 0.444 χ^2 /NDF: 244.2/16

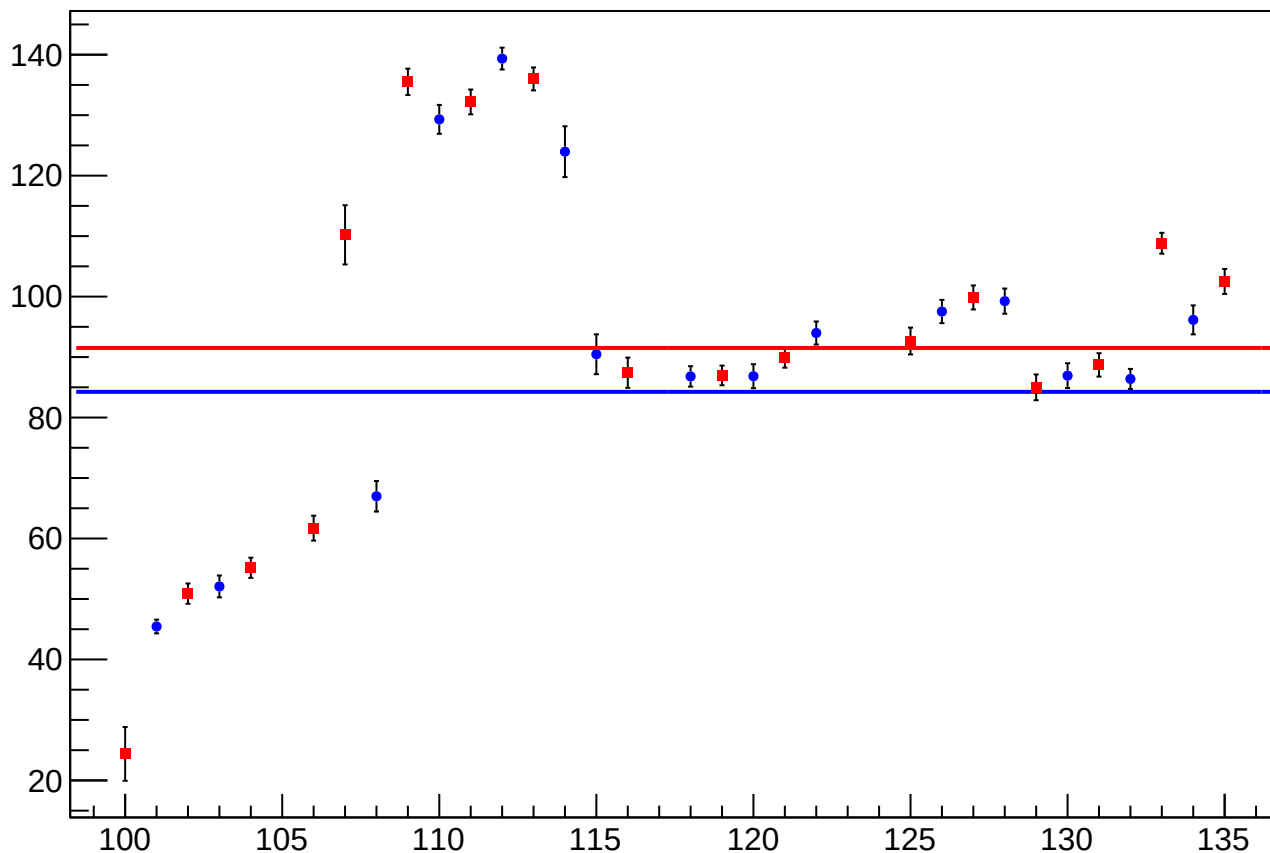
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.357 $\pm$ 0.313 χ^2 /NDF: 547.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm4eX_slope vs Slug



Right In: 84.252+/-0.499 χ^2/NDF : 3059.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 91.507+/-0.490 χ^2/NDF : 3030.8/16

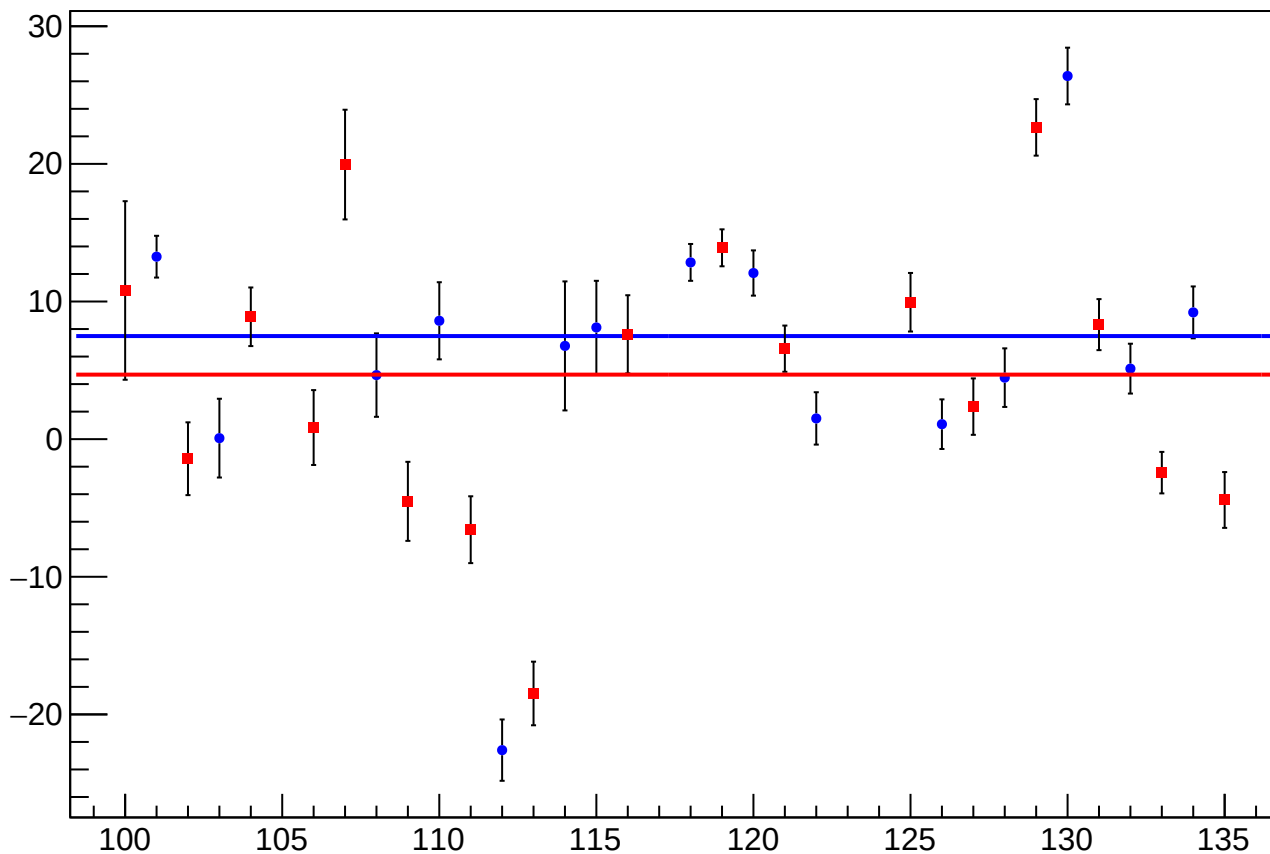
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.948+/-0.350 χ^2/NDF : 6197.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_diff_bpm4eY_slope vs Slug



Right In: 7.490 $\pm$ 0.521 χ^2 /NDF: 339.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.688 $\pm$ 0.515 χ^2 /NDF: 338.8/16

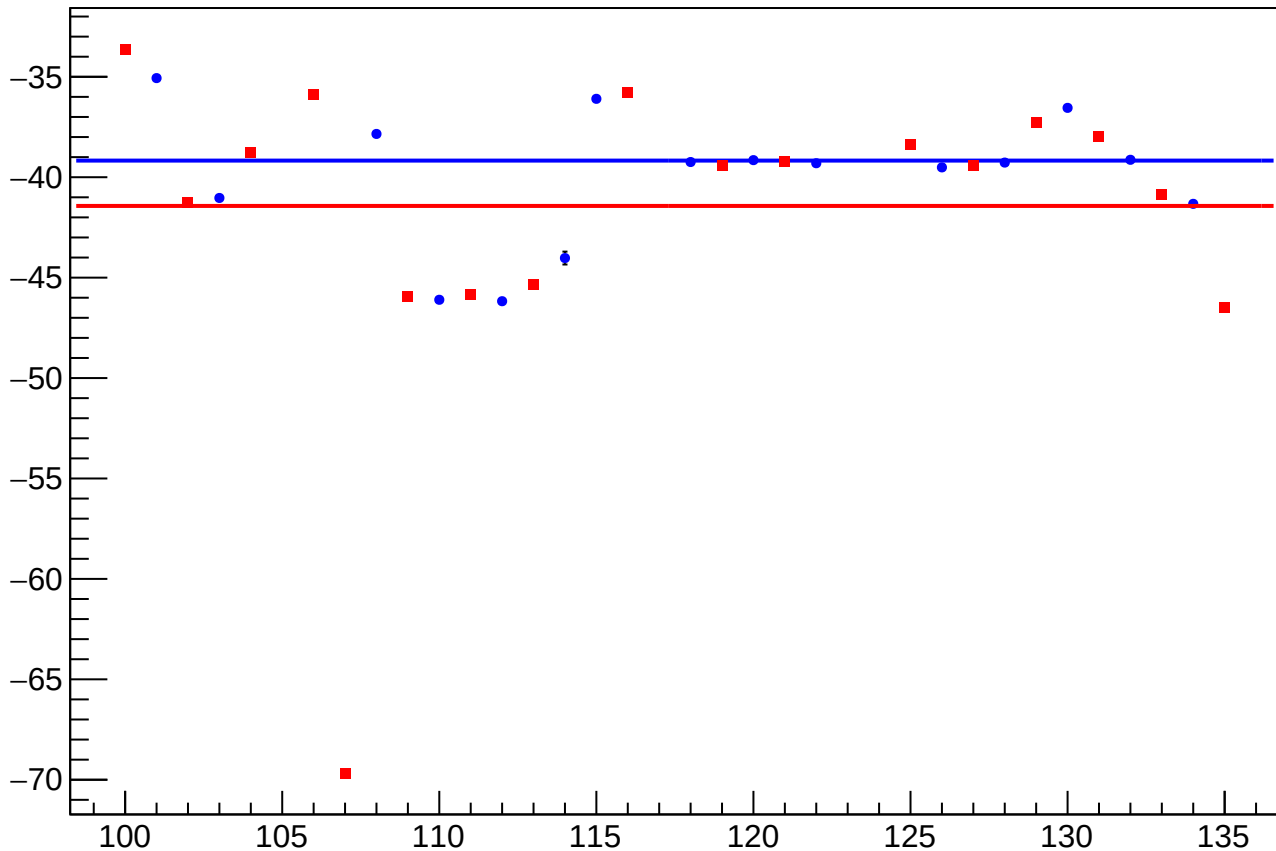
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.073 $\pm$ 0.366 χ^2 /NDF: 693.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_diff_bpm12X_slope vs Slug



Right In: -39.172 ± 0.032 $\chi^2/\text{NDF}: 9224.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -41.430 ± 0.030 $\chi^2/\text{NDF}: 35026.1/16$

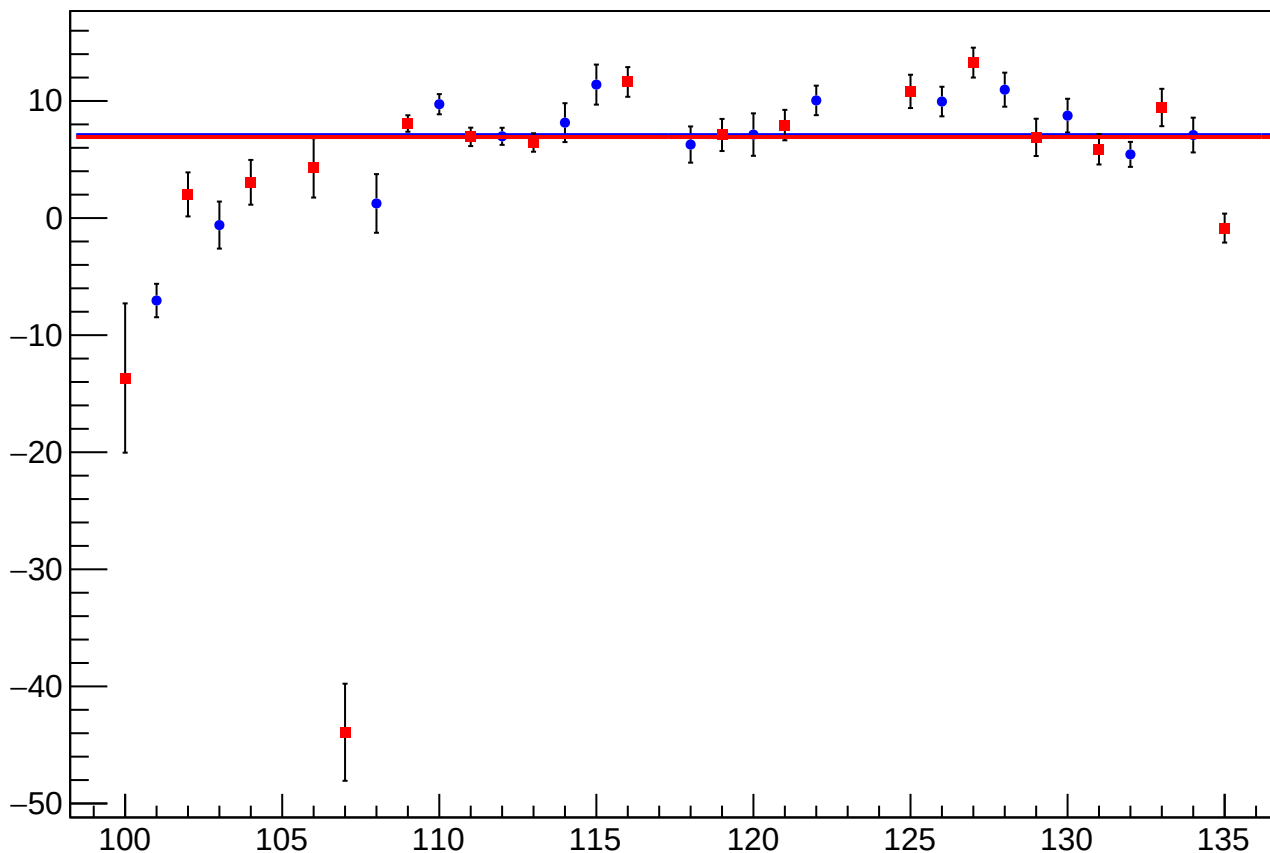
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -40.364 ± 0.022 $\chi^2/\text{NDF}: 46948.1/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_dd_diff_bpm1X_slope vs Slug



Right In: 7.083 $\pm$ 0.332 χ^2 /NDF: 155.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.922 $\pm$ 0.302 χ^2 /NDF: 265.2/16

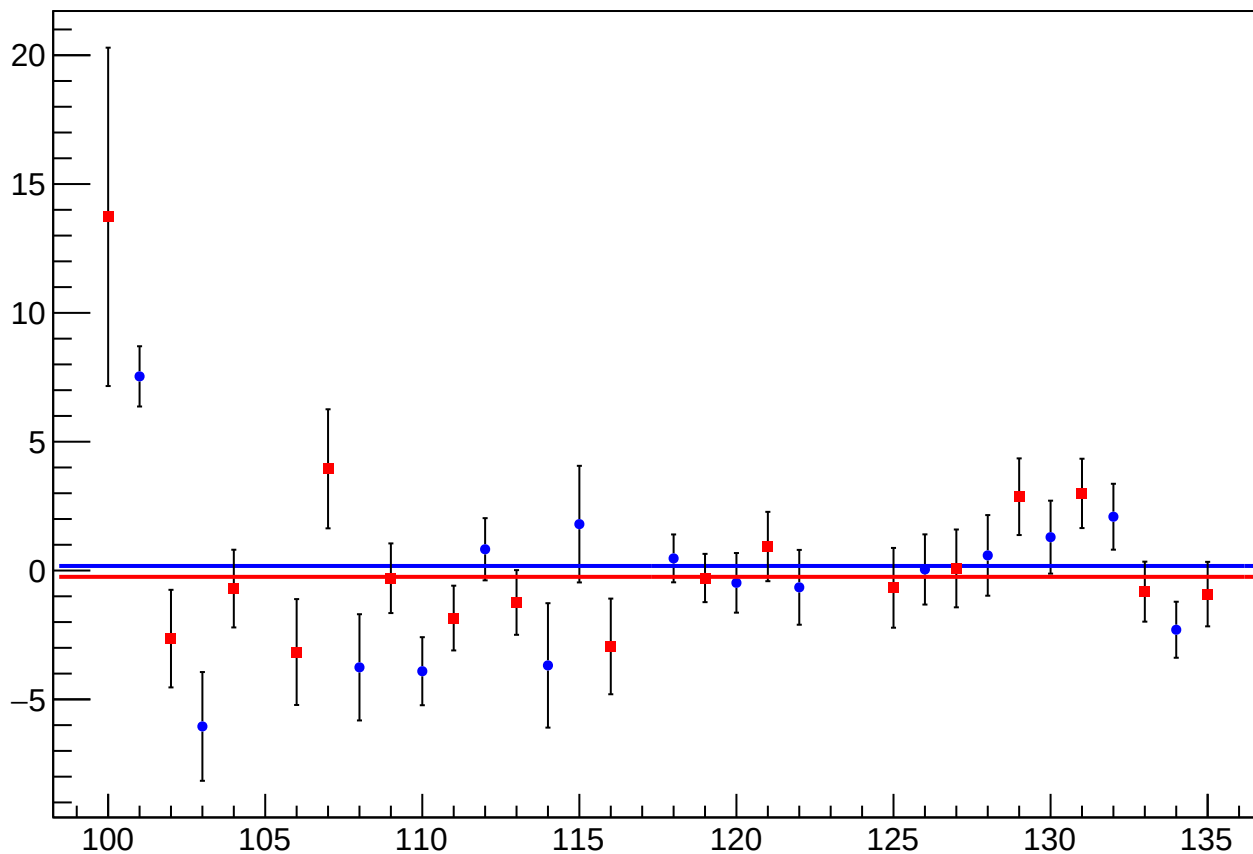
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.995 $\pm$ 0.223 χ^2 /NDF: 421.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm4aY_slope vs Slug



Right In: 0.178+/-0.351 χ^2/NDF : 73.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.245+/-0.349 χ^2/NDF : 27.5/16

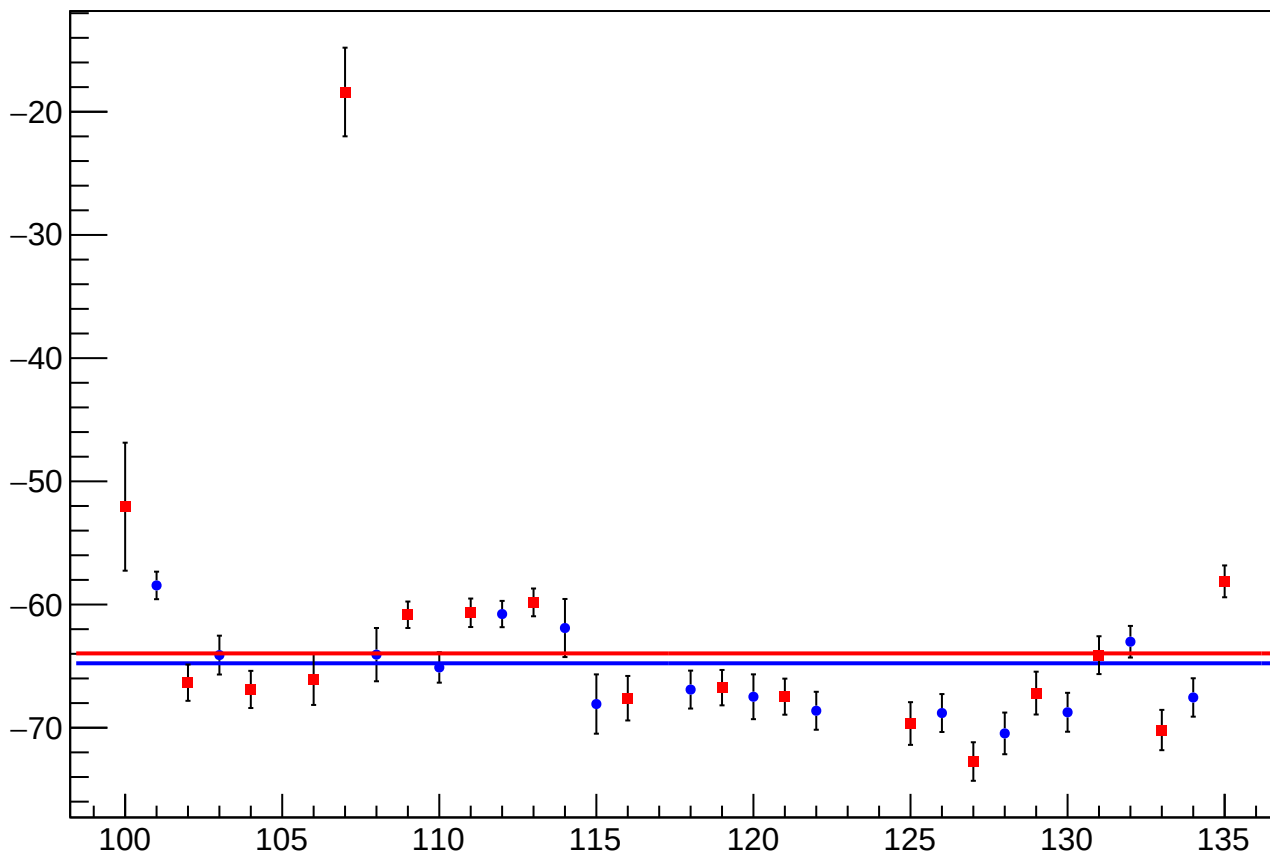
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.035+/-0.248 χ^2/NDF : 102.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eX_slope vs Slug



Right In: -64.770 ± 0.388 χ^2/NDF : 89.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.966 ± 0.368 χ^2/NDF : 297.4/16

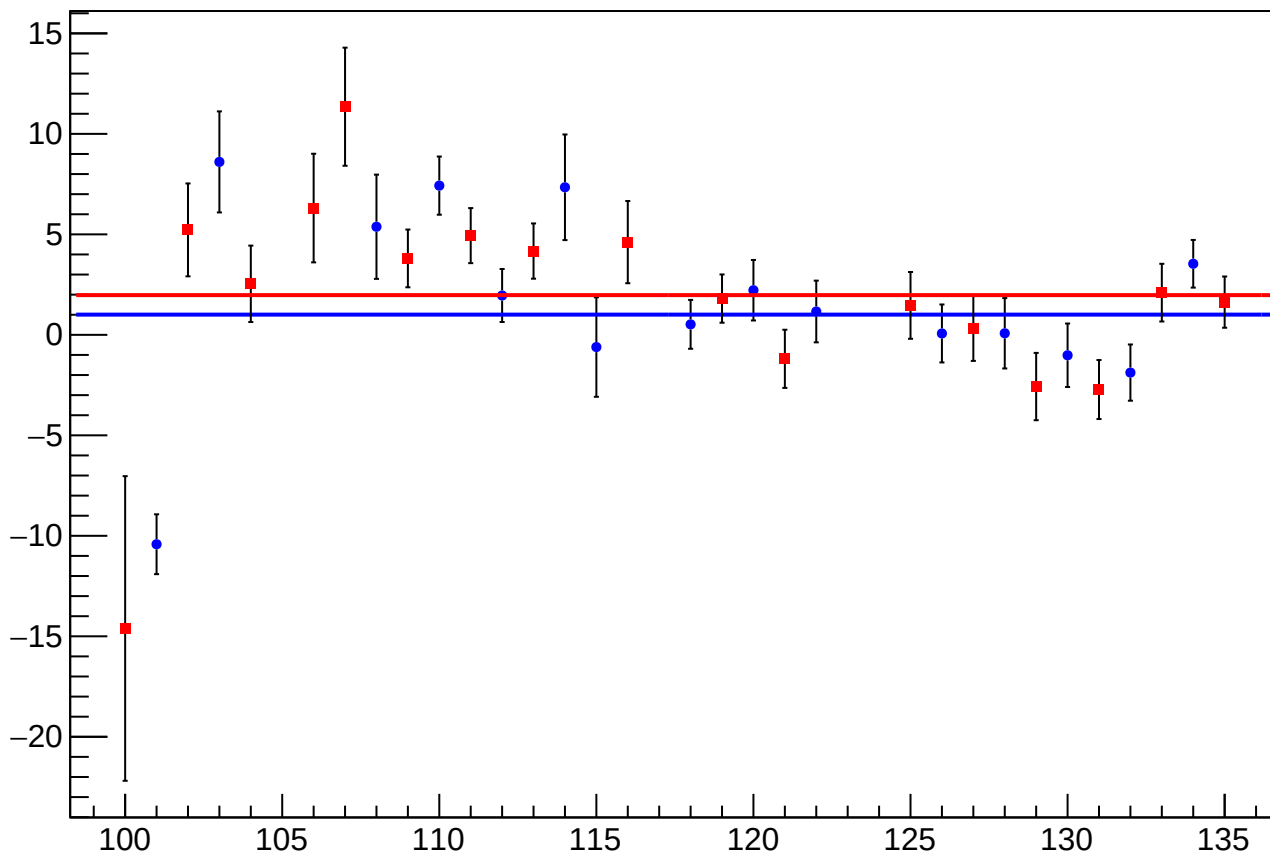
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.347 ± 0.267 χ^2/NDF : 389.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_diff_bpm4eY_slope vs Slug



Right In: 1.006 $\pm$ 0.405 χ^2 /NDF: 109.2/14

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

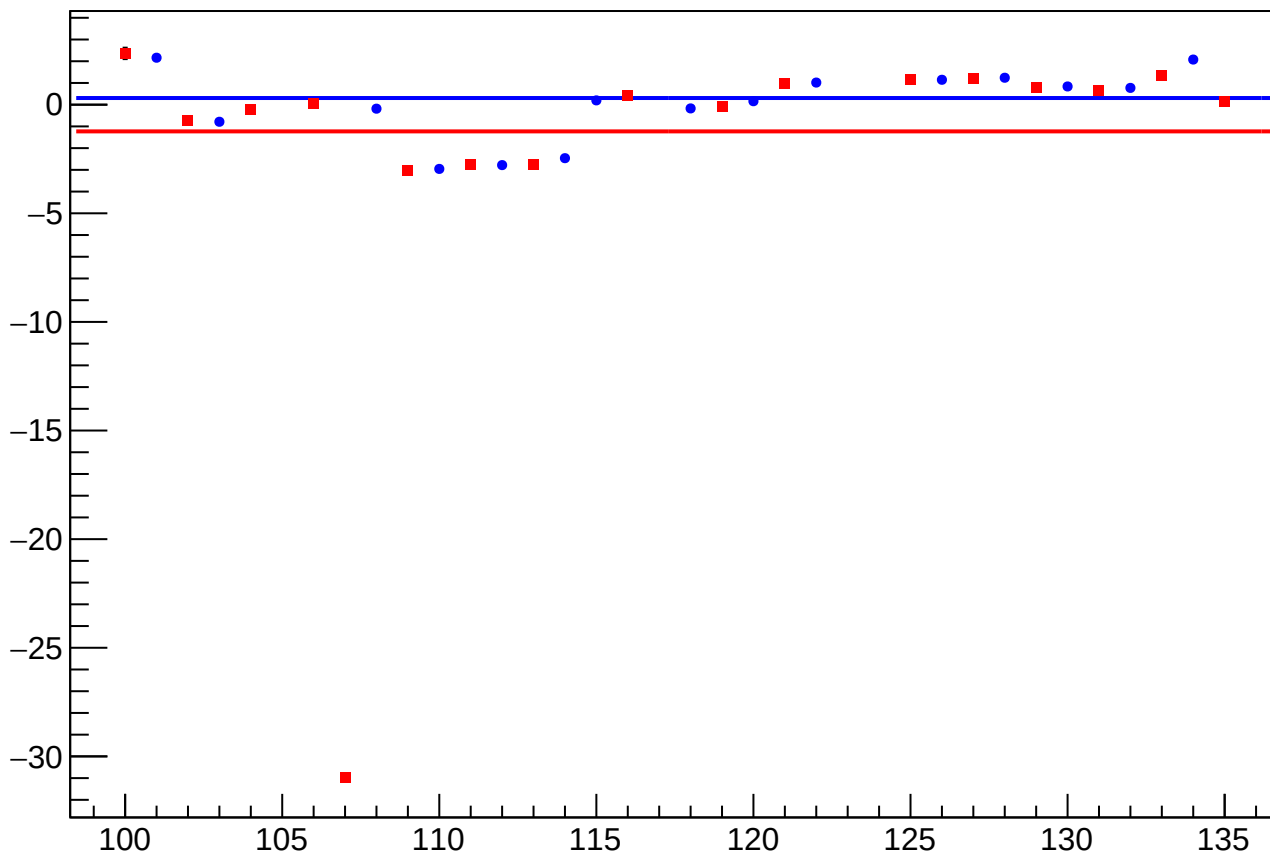
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.502 $\pm$ 0.283 χ^2 /NDF: 165.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_diff_bpm12X_slope vs Slug



Right In: 0.307 $\pm$ 0.025 χ^2 /NDF: 4848.3/14

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

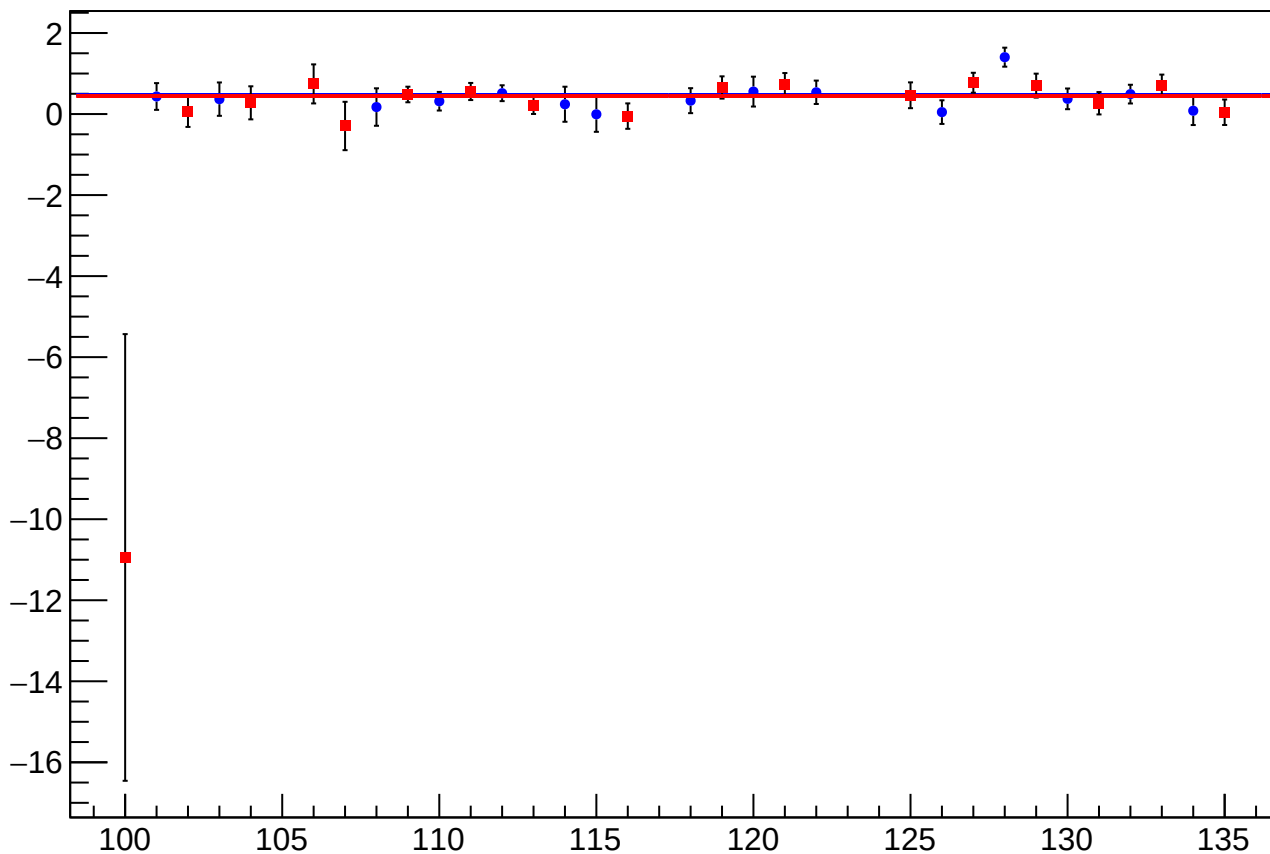
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.514 $\pm$ 0.017 χ^2 /NDF: 52950.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm1X_slope vs Slug



Right In: 0.470 $\pm$ 0.075 χ^2 /NDF: 22.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.446 $\pm$ 0.070 χ^2 /NDF: 18.3/16

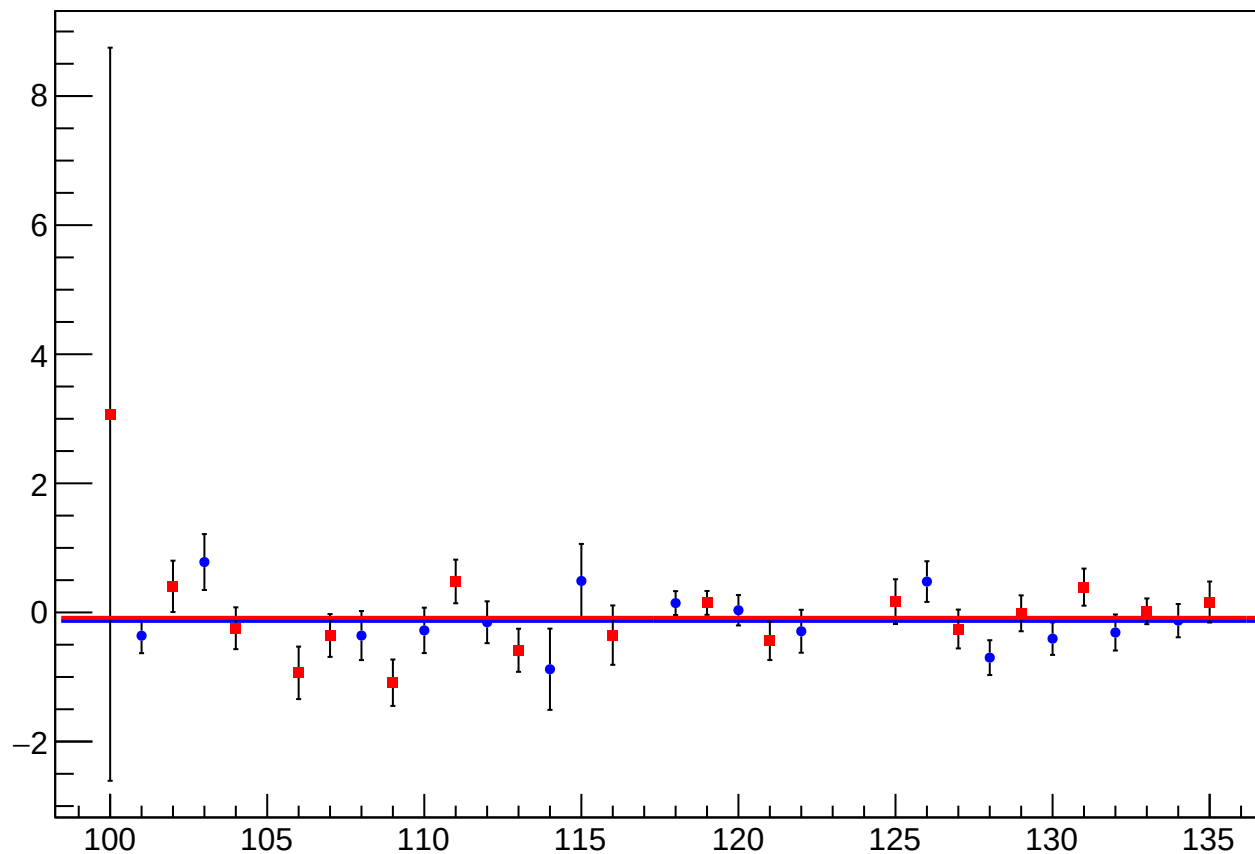
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.457 $\pm$ 0.051 χ^2 /NDF: 40.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_avg_diff_bpm4aY_slope vs Slug



Right In: -0.131 ± 0.076 χ^2/NDF : 21.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.084 ± 0.074 χ^2/NDF : 27.8/16

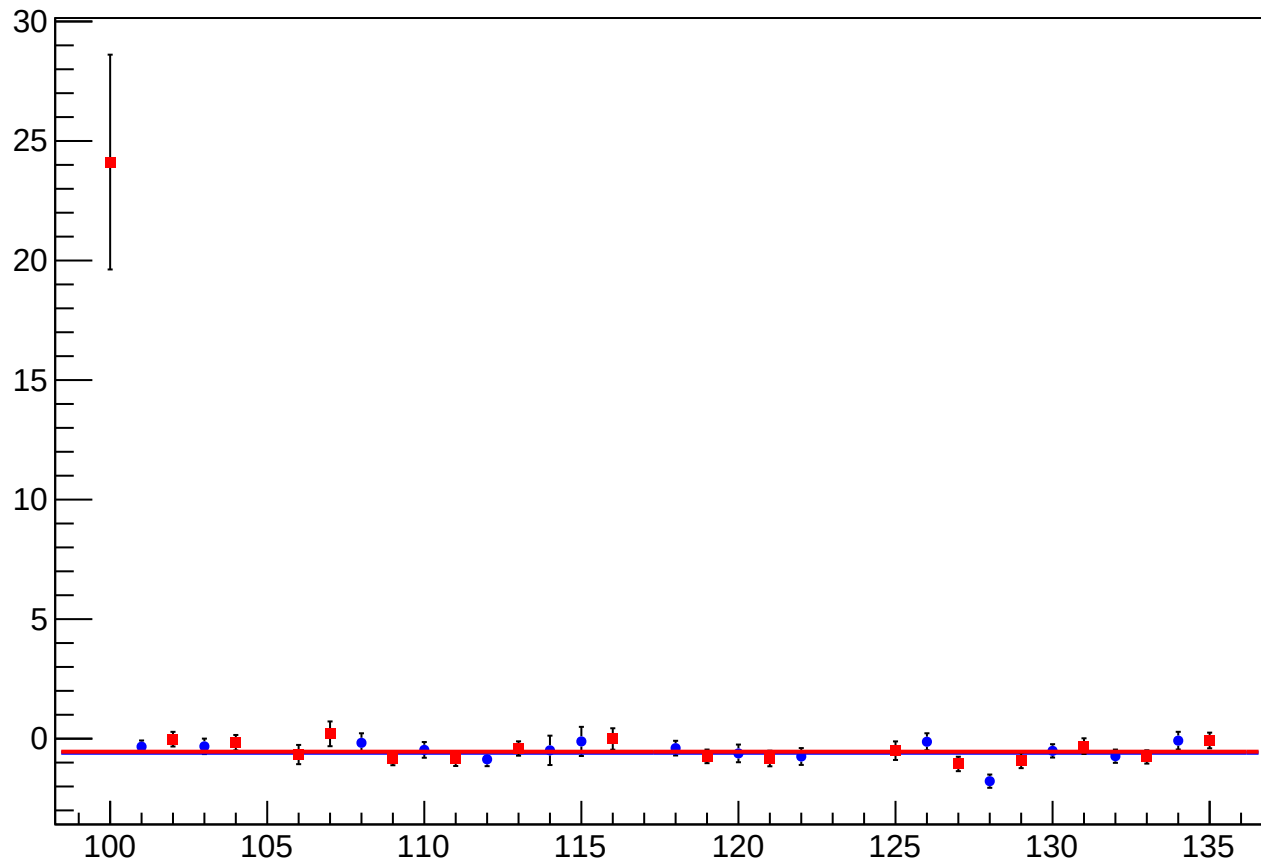
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.107 ± 0.053 χ^2/NDF : 49.1/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eX_slope vs Slug



Right In: -0.589 ± 0.085 χ^2/NDF : 27.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.544 ± 0.082 χ^2/NDF : 48.6/16

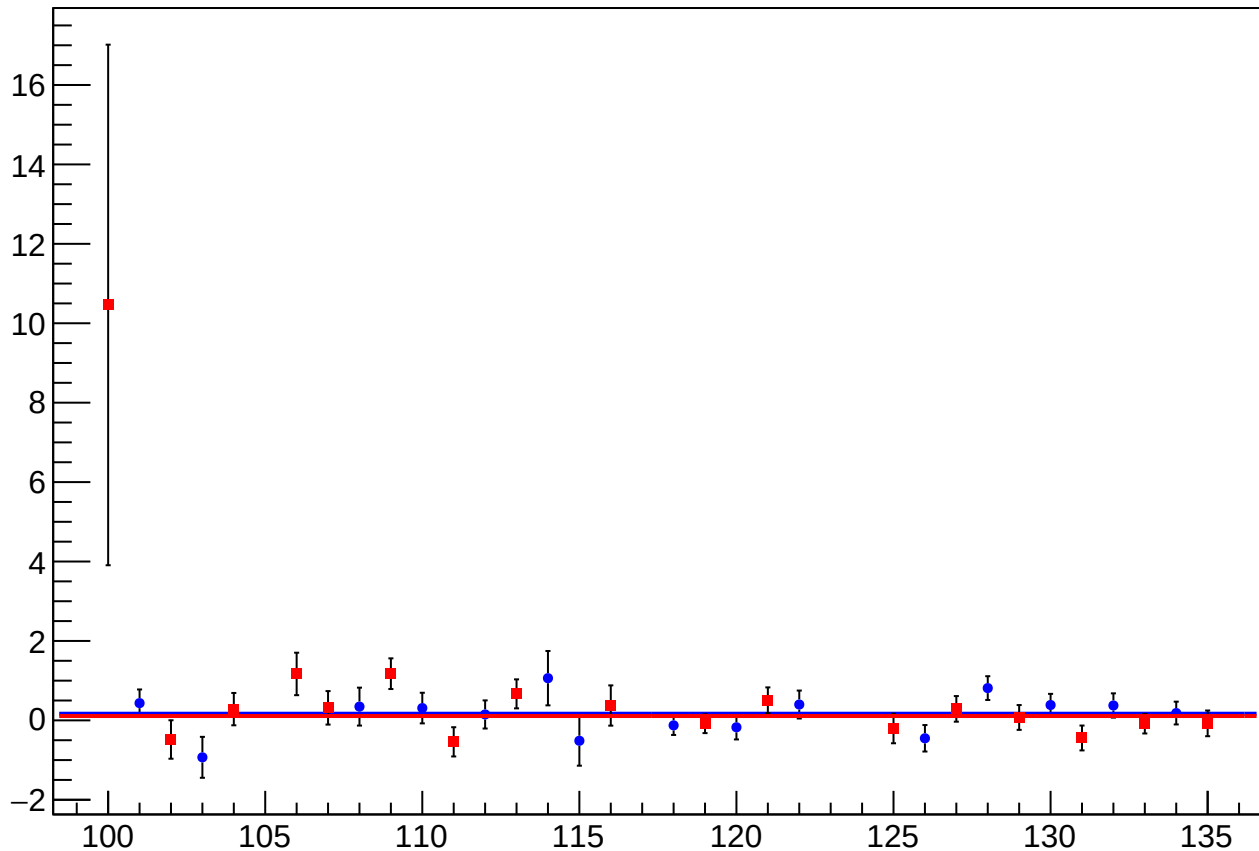
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.566 ± 0.059 χ^2/NDF : 76.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm4eY_slope vs Slug



Right In: 0.167+/-0.089 χ^2/NDF : 20.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.109+/-0.086 χ^2/NDF : 29.0/16

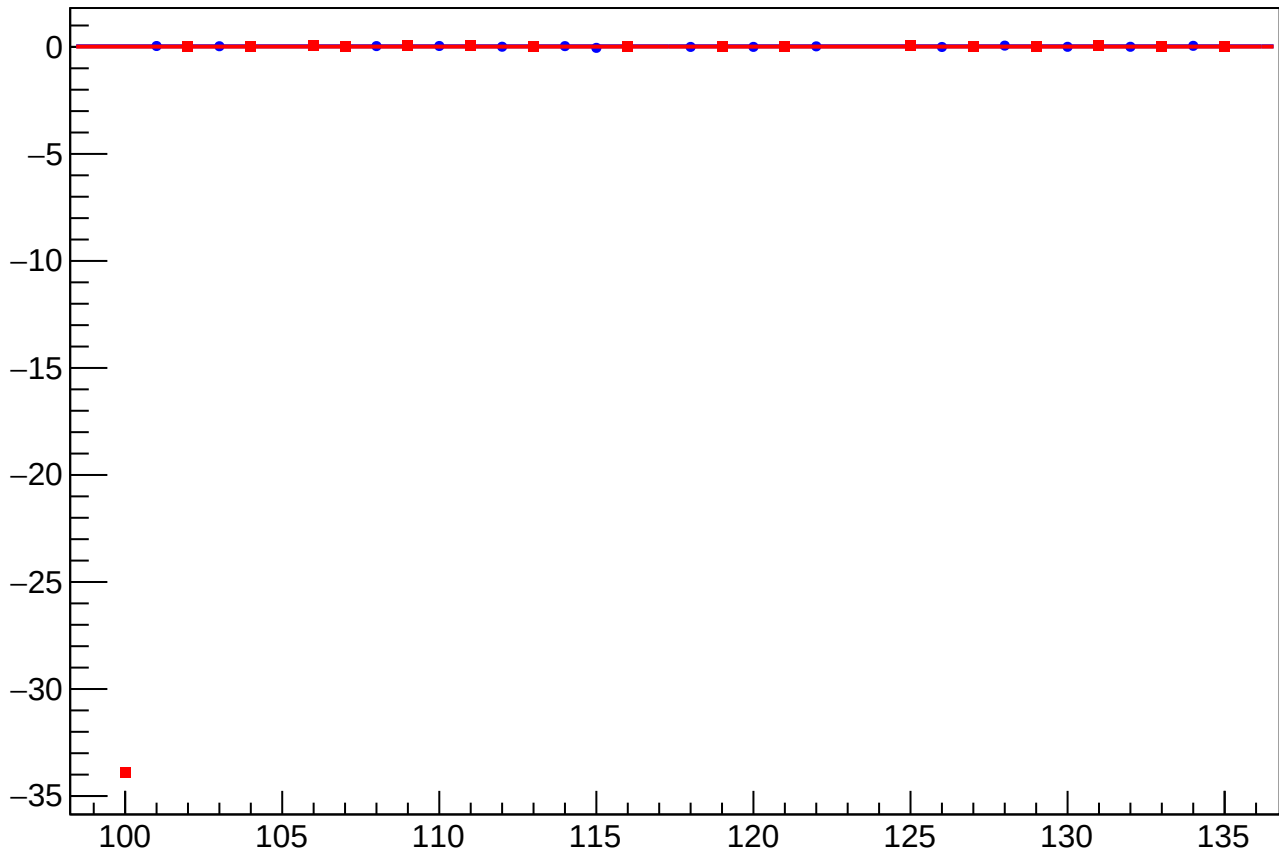
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.137+/-0.062 χ^2/NDF : 49.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_ds_avg_diff_bpm12X_slope vs Slug



Right In: 0.028 $\pm$ 0.005 χ^2 /NDF: 14.5/14

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

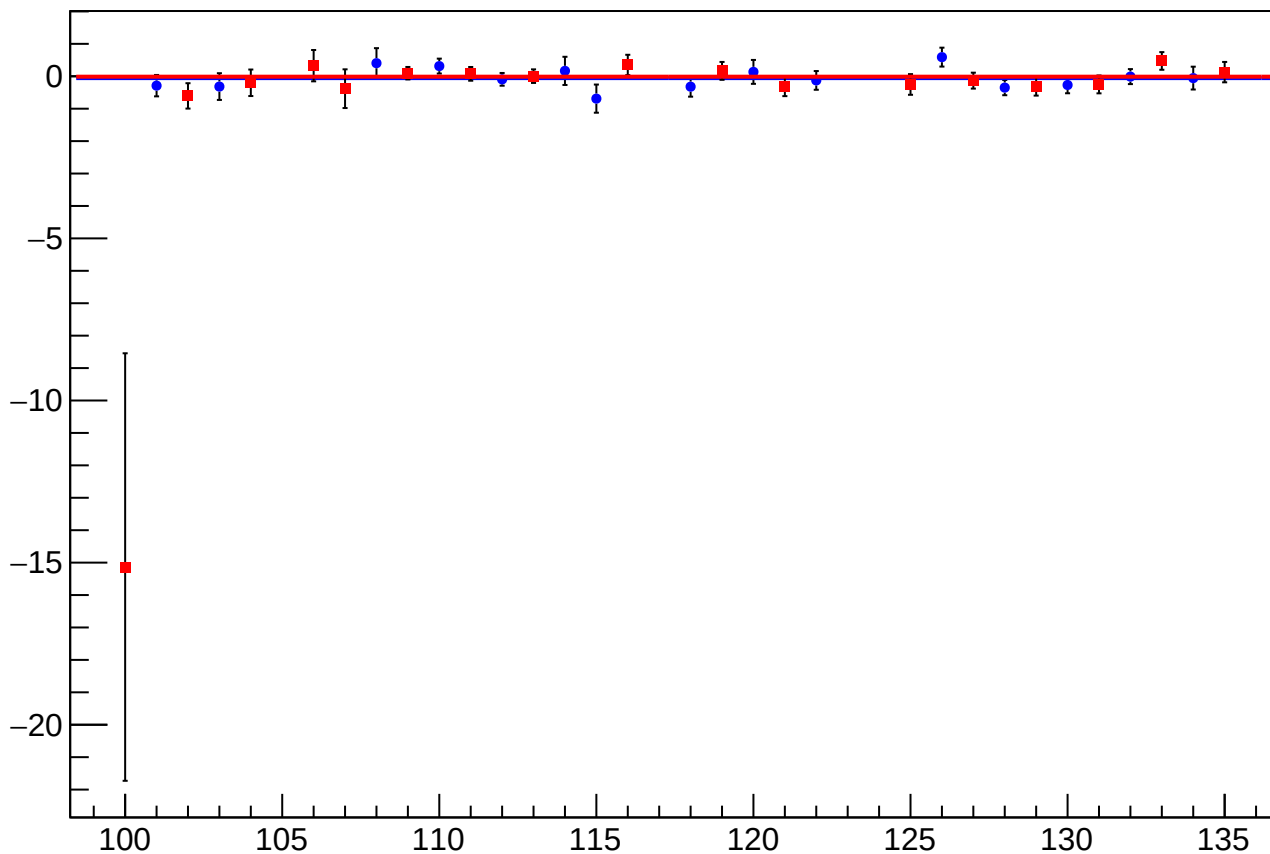
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.020 $\pm$ 0.004 χ^2 /NDF: 22279.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.057 ± 0.075 χ^2/NDF : 15.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.013 ± 0.070 χ^2/NDF : 17.8/16

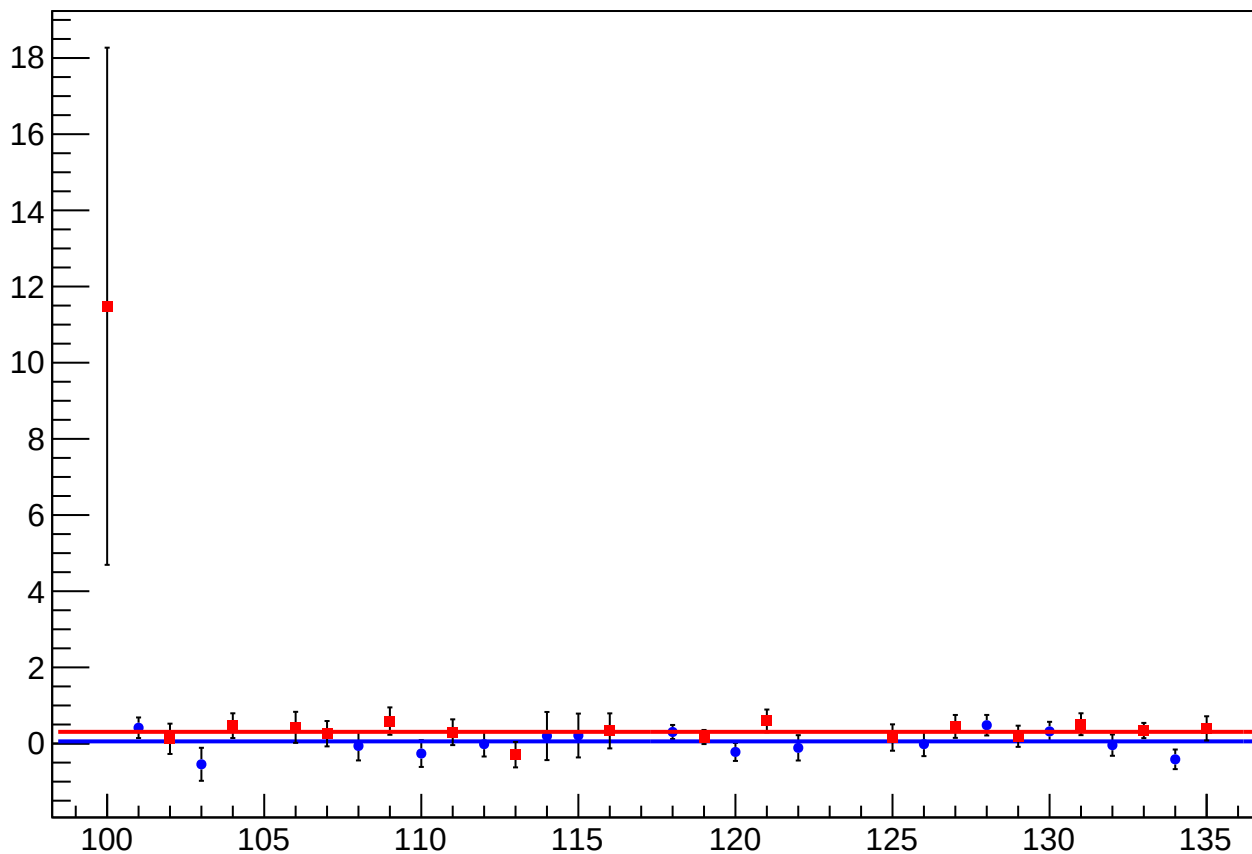
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.033 ± 0.051 χ^2/NDF : 33.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.057 $\pm$ 0.076 χ^2/NDF : 15.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 0.308 $\pm$ 0.074 χ^2/NDF : 9.8/16

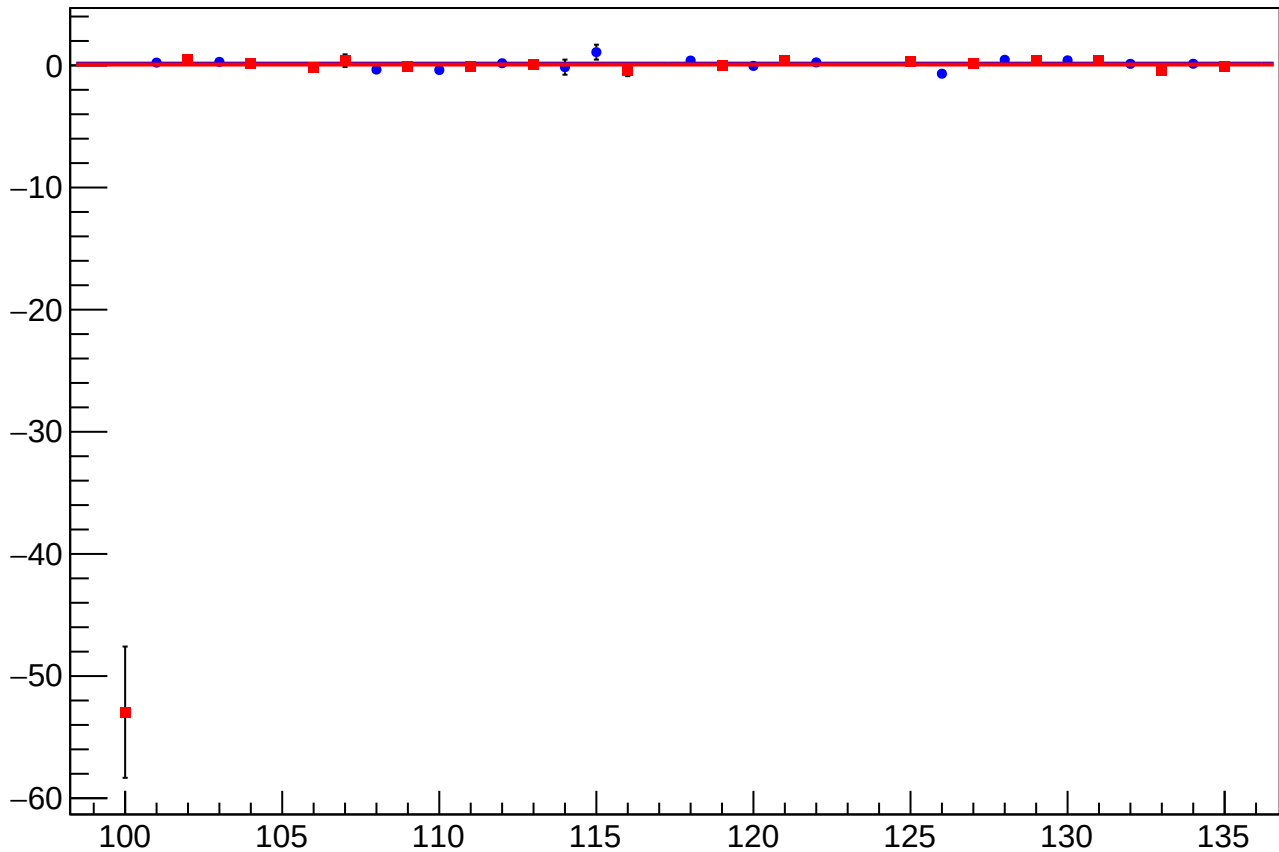
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 0.185 $\pm$ 0.053 χ^2/NDF : 30.6/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.142 $\pm$ 0.085 χ^2 /NDF: 15.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.072 $\pm$ 0.082 χ^2 /NDF: 109.1/16

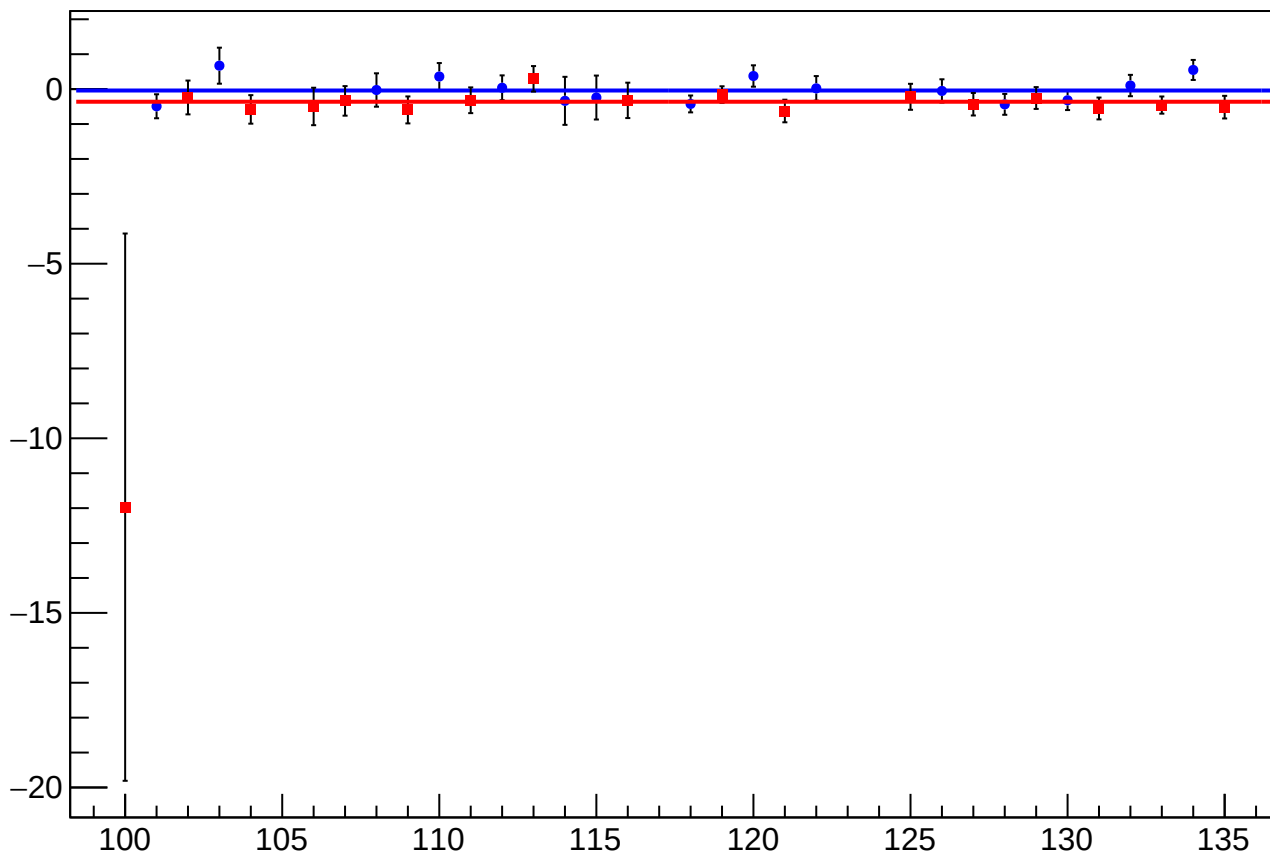
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.106 $\pm$ 0.059 χ^2 /NDF: 124.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.040 ± 0.089 χ^2/NDF : 16.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.362 ± 0.086 χ^2/NDF : 8.7/16

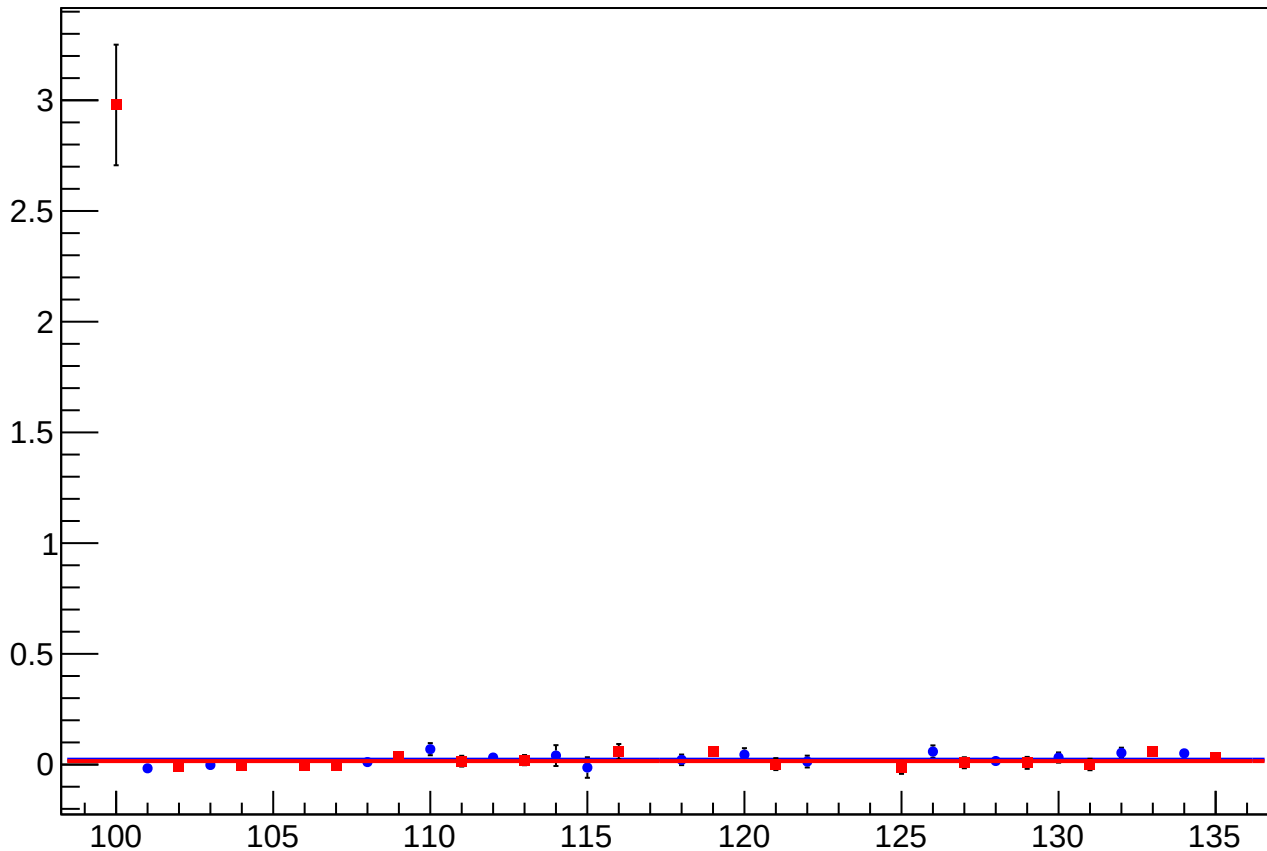
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.206 ± 0.062 χ^2/NDF : 32.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_ds_dd_diff_bpm12X_slope vs Slug



Right In: 0.022 $\pm$ 0.005 χ^2 /NDF: 22.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.016 $\pm$ 0.005 χ^2 /NDF: 138.9/16

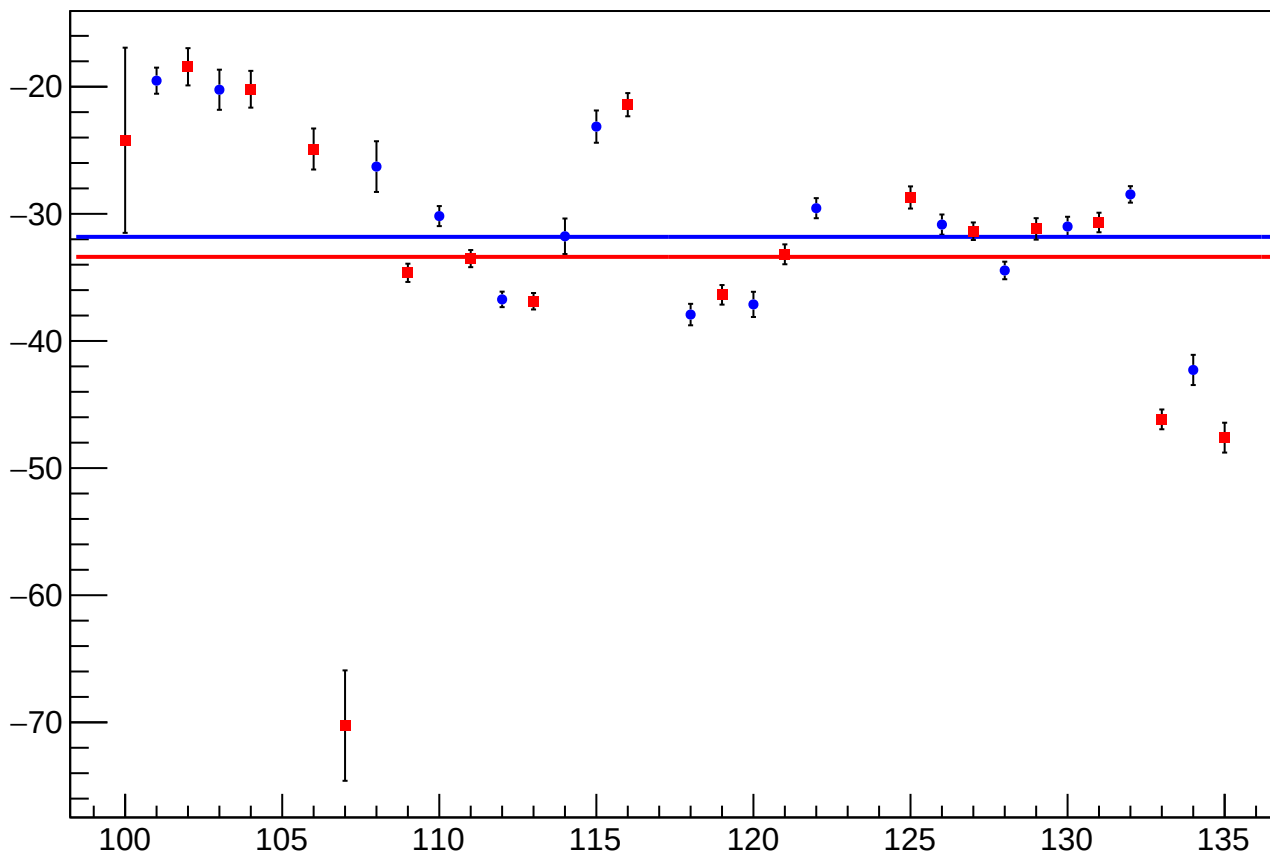
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.019 $\pm$ 0.004 χ^2 /NDF: 162.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm1X_slope vs Slug



Right In: -31.811 $\pm$ 0.226 χ^2 /NDF: 531.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -33.385 $\pm$ 0.217 χ^2 /NDF: 980.6/16

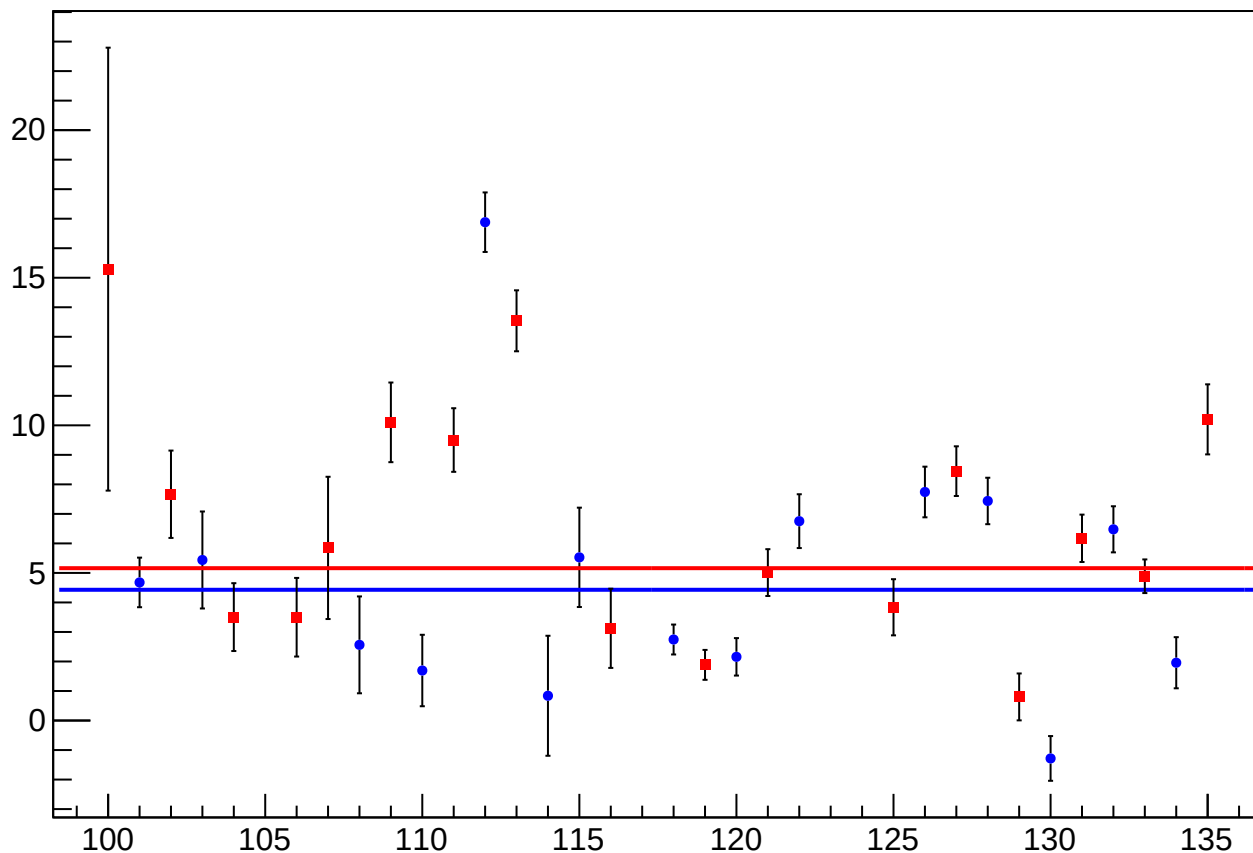
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -32.633 $\pm$ 0.156 χ^2 /NDF: 1537.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4aY_slope vs Slug



Right In: 4.429+/-0.225 χ^2/NDF : 294.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.161+/-0.225 χ^2/NDF : 215.2/16

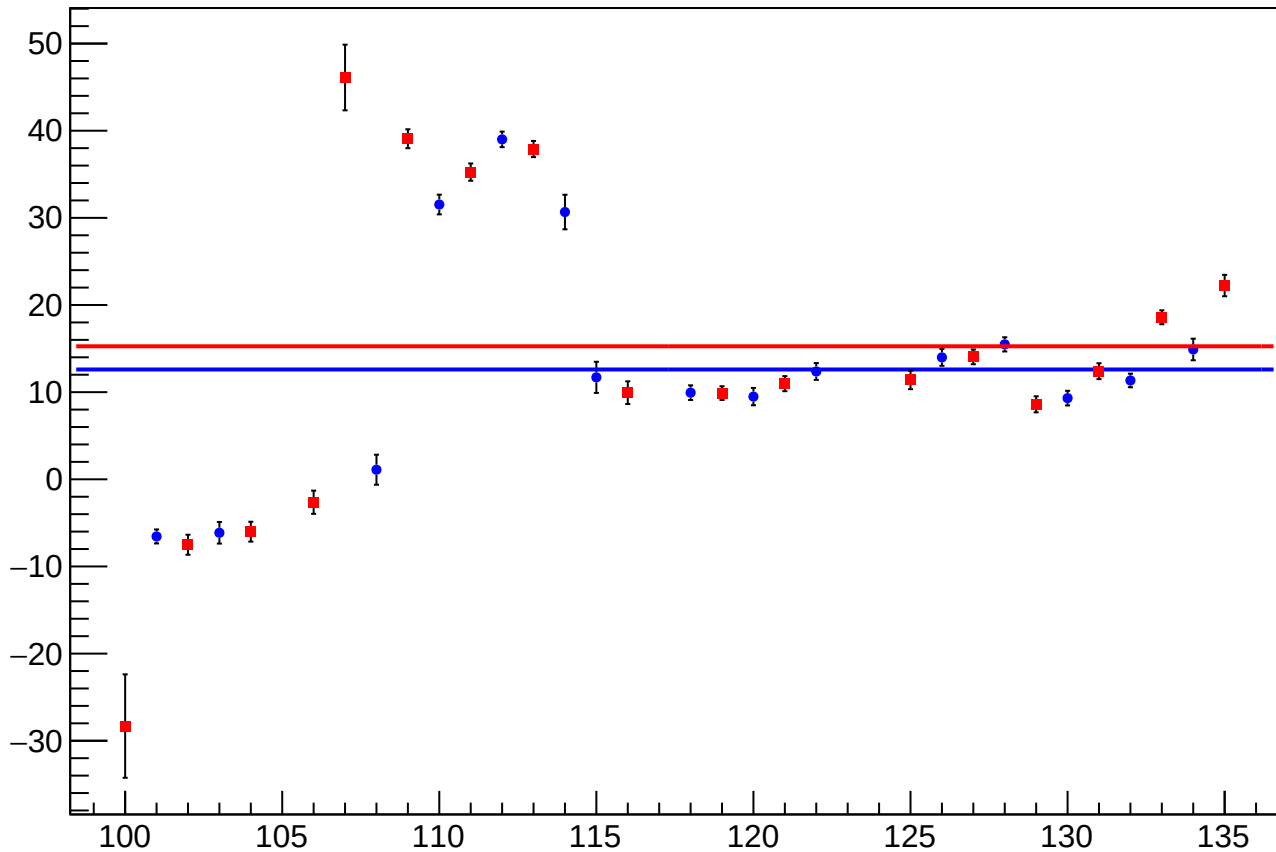
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.796+/-0.159 χ^2/NDF : 515.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm4eX_slope vs Slug



Right In: 12.601 $\pm$ 0.259 χ^2 /NDF: 2138.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.264 $\pm$ 0.253 χ^2 /NDF: 2742.1/16

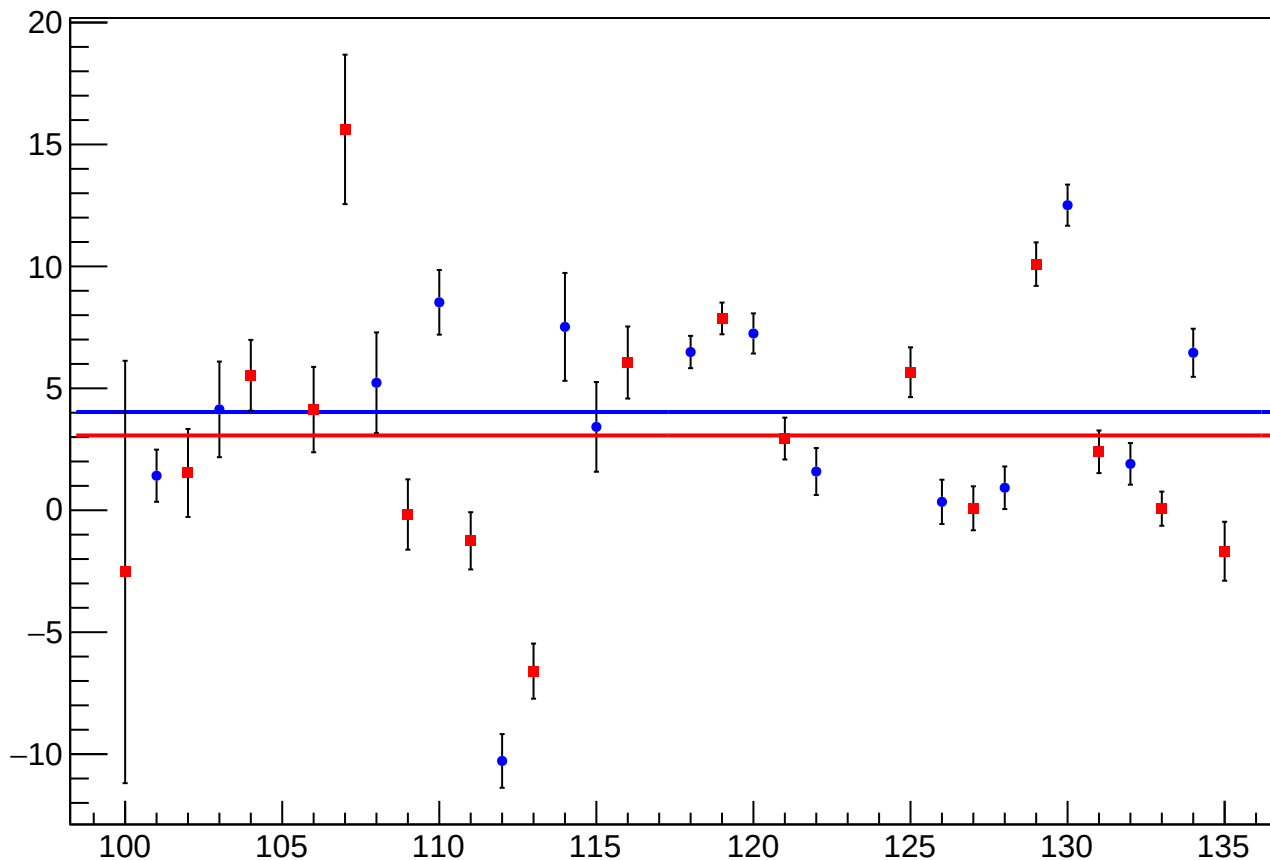
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 13.964 $\pm$ 0.181 χ^2 /NDF: 4934.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_avg_diff_bpm4eY_slope vs Slug



Right In: 4.029+/-0.263 χ^2/NDF : 367.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.068+/-0.259 χ^2/NDF : 285.2/16

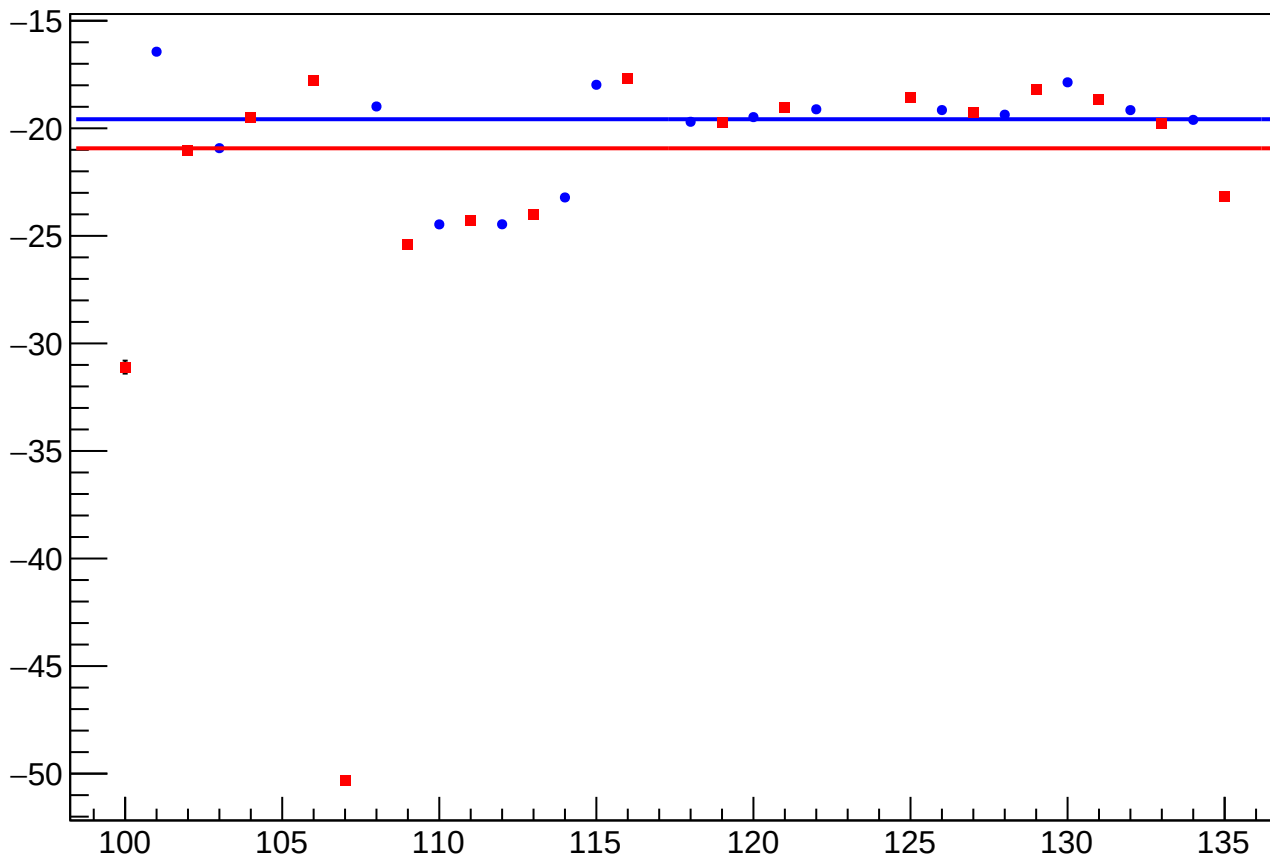
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.541+/-0.185 χ^2/NDF : 659.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_avg_diff_bpm12X_slope vs Slug



Right In: -19.578+/-0.018 χ^2/NDF : 14117.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -20.930+/-0.017 χ^2/NDF : 56528.3/16

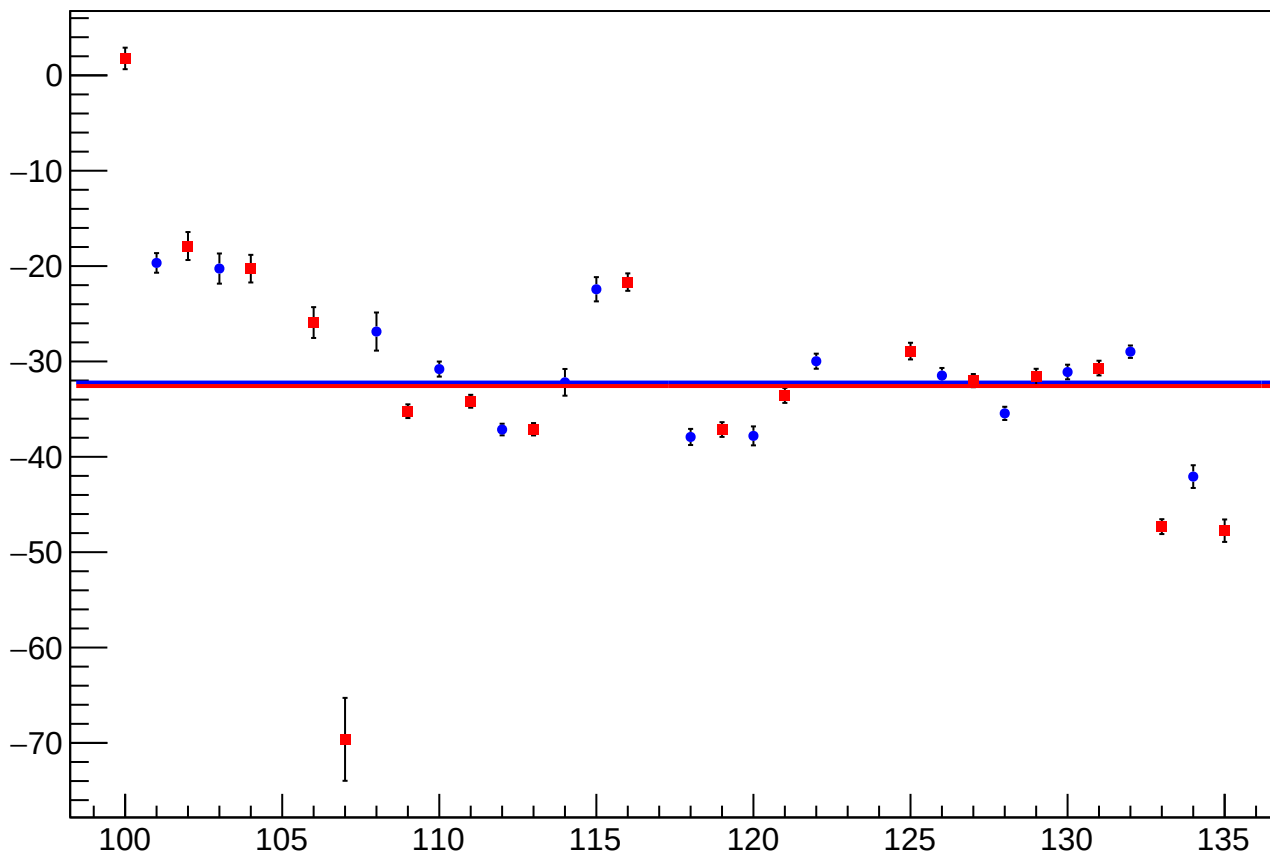
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -20.287+/-0.012 χ^2/NDF : 73734.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm1X_slope vs Slug



Right In: -32.213 ± 0.227 χ^2/NDF : 543.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.578 ± 0.213 χ^2/NDF : 1983.8/16

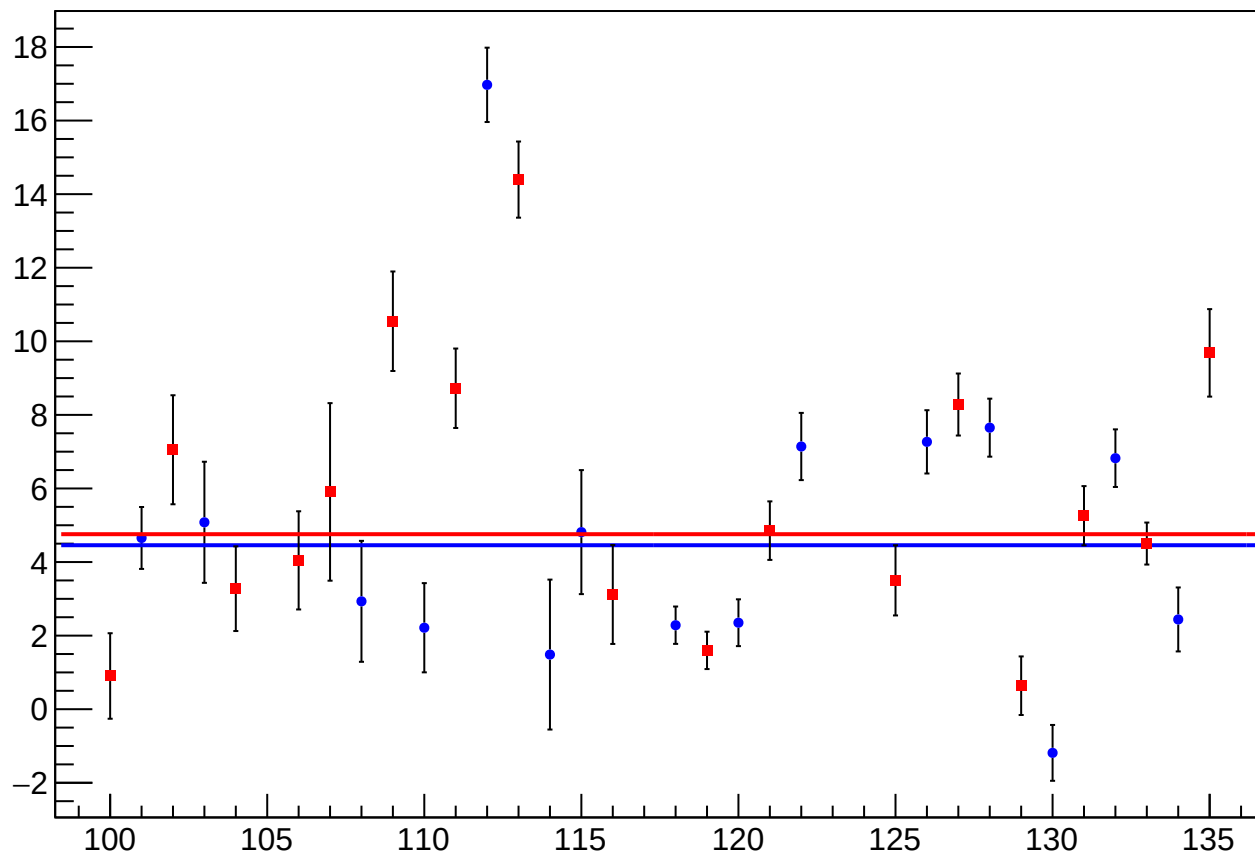
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -32.407 ± 0.155 χ^2/NDF : 2529.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4aY_slope vs Slug



Right In: 4.457 $\pm$ 0.226 χ^2/NDF : 294.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

Right Out: 4.757 $\pm$ 0.221 χ^2/NDF : 238.0/16

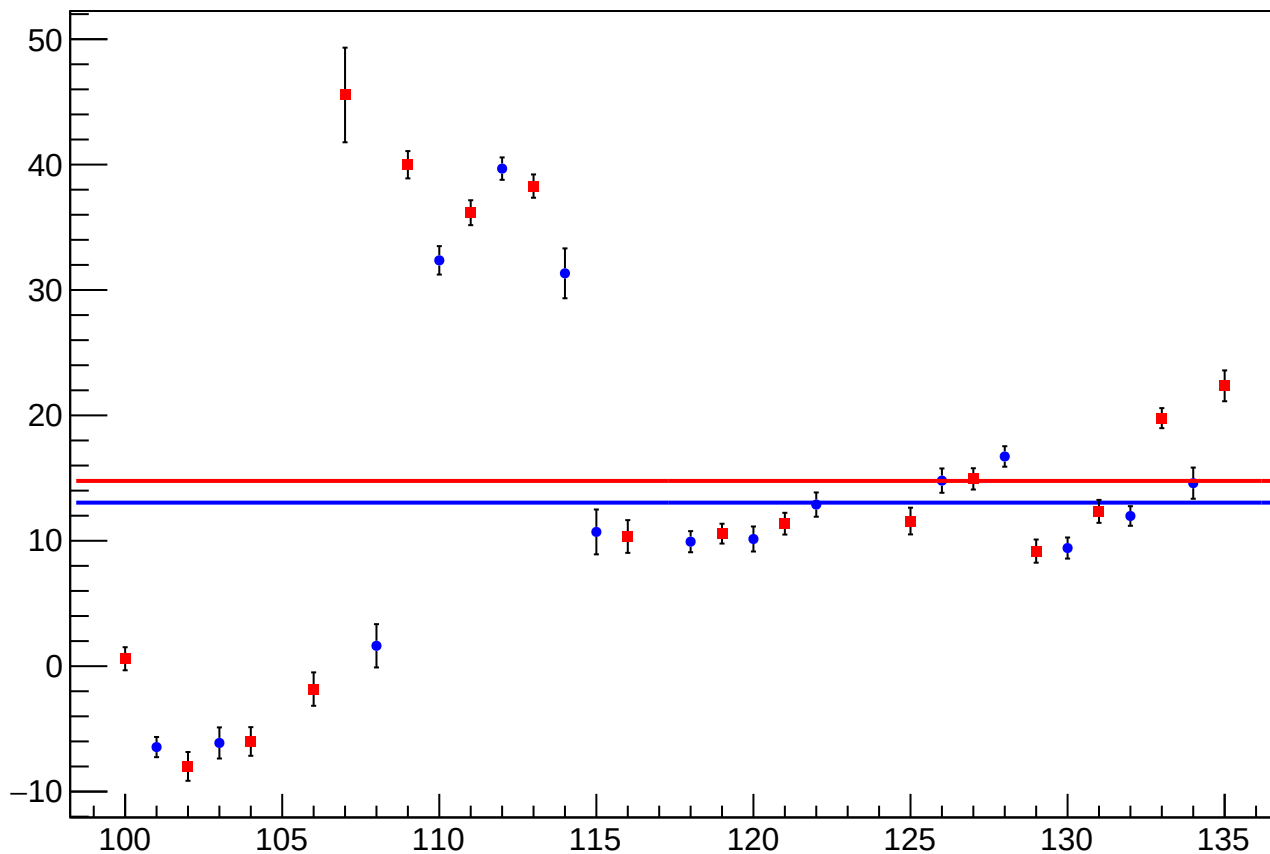
Left In: 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

All: 4.610 $\pm$ 0.158 χ^2/NDF : 533.8/31

- sign 0.000 $\pm$ 0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eX_slope vs Slug



Right In: 13.043+/-0.259 χ^2/NDF : 2202.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.774+/-0.244 χ^2/NDF : 3009.4/16

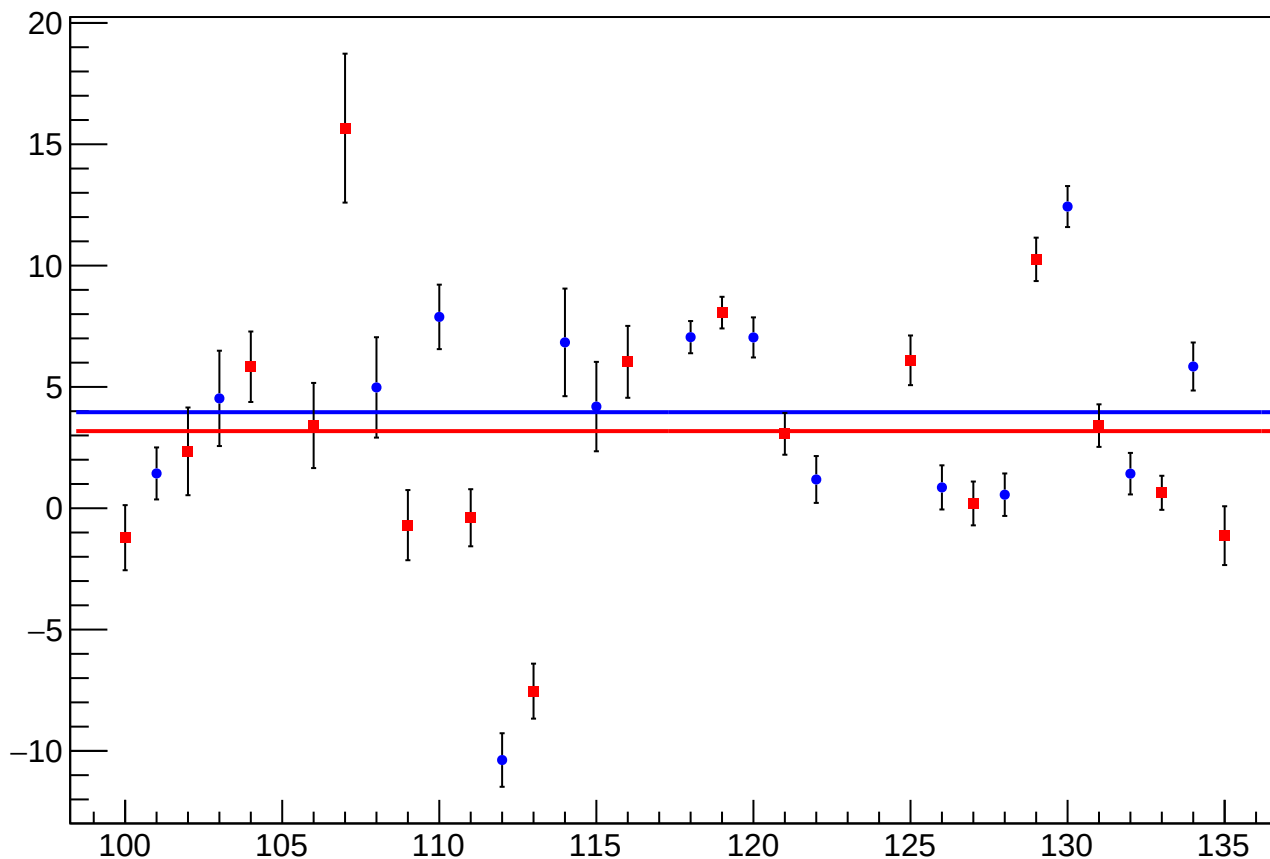
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.960+/-0.178 χ^2/NDF : 5235.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_left_dd_diff_bpm4eY_slope vs Slug



Right In: 3.959 $\pm$ 0.264 χ^2 /NDF: 368.5/14

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

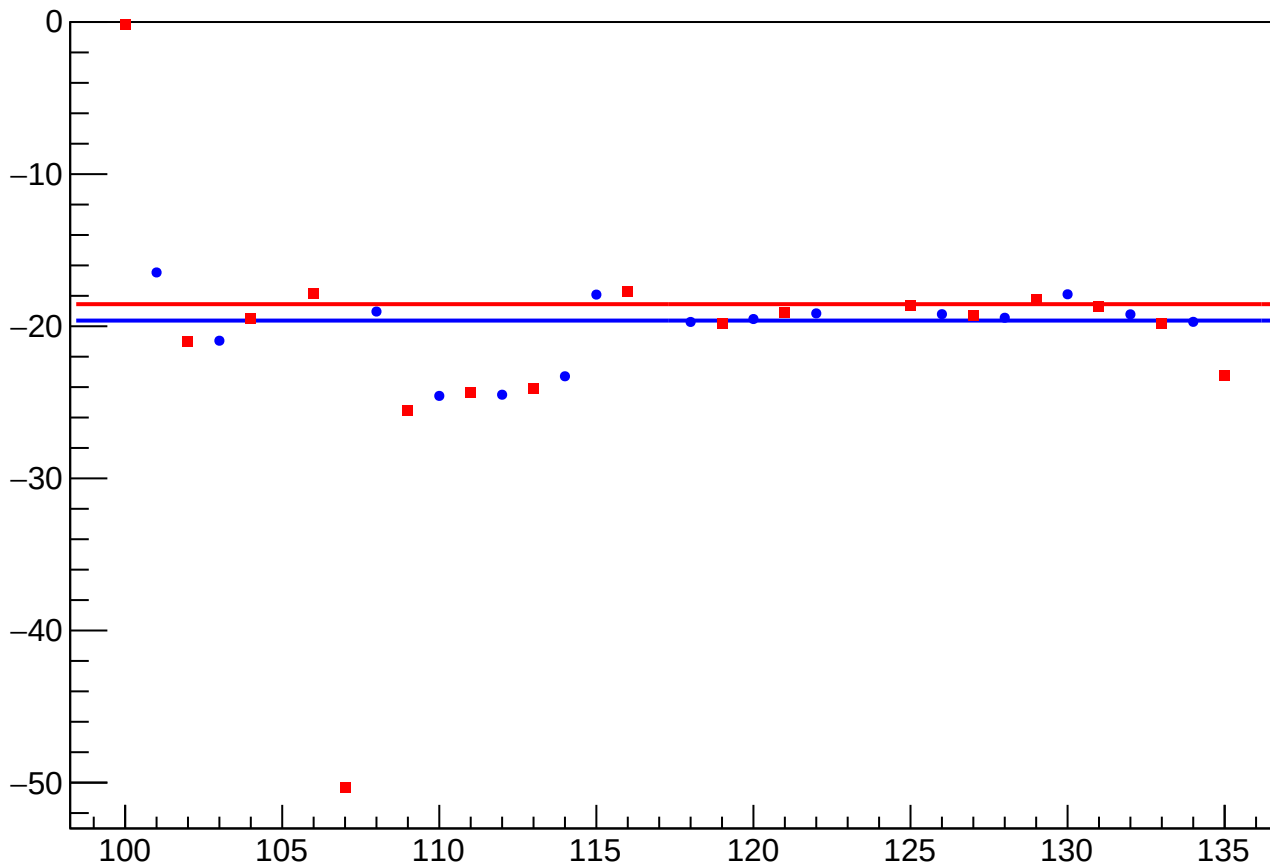
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.556 $\pm$ 0.183 χ^2 /NDF: 677.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_left_dd_diff_bpm12X_slope vs Slug



Right In: -19.626+/-0.018 χ^2/NDF : 14189.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.548+/-0.016 χ^2/NDF : 231259.7/16

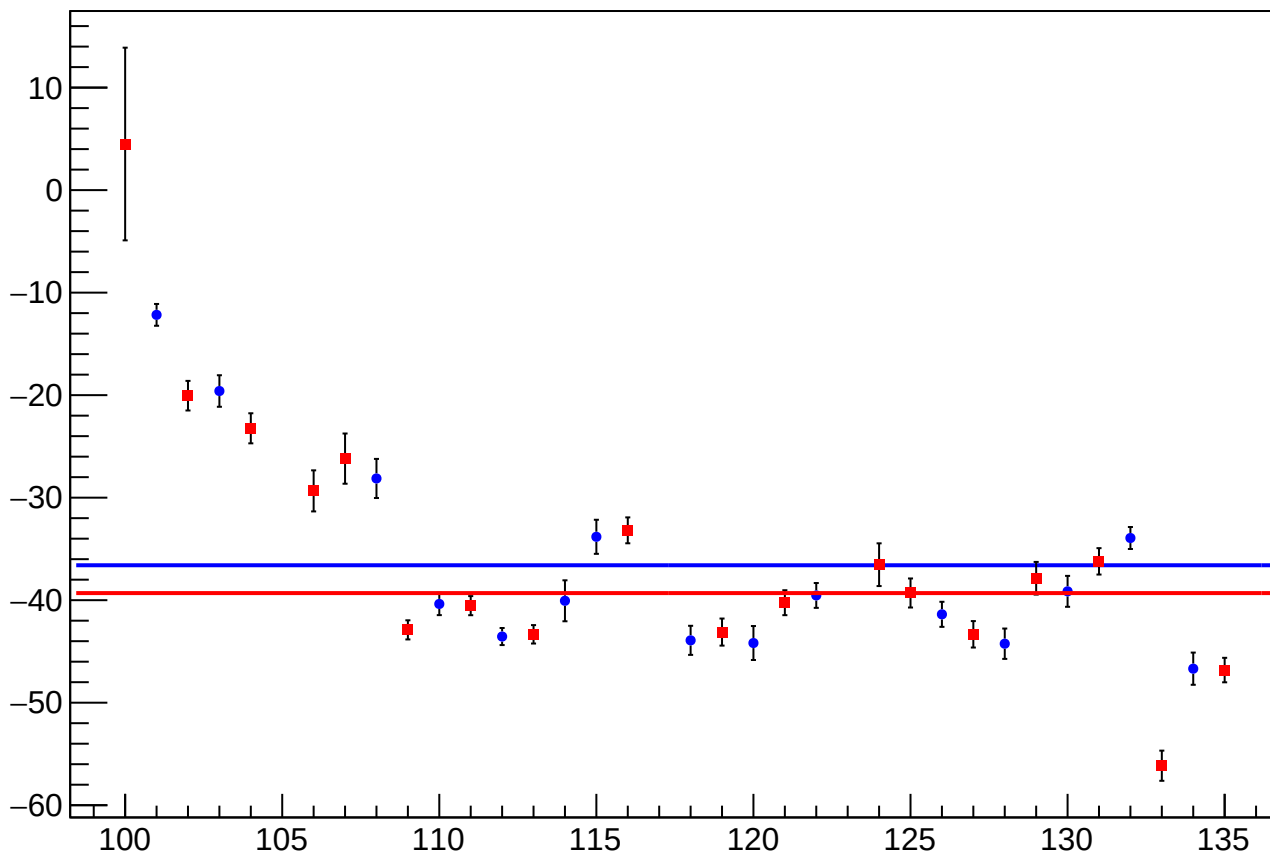
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -19.028+/-0.012 χ^2/NDF : 247518.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm1X_slope vs Slug



Right In: -36.593 ± 0.336 χ^2/NDF : 902.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.308 ± 0.312 χ^2/NDF : 630.7/17

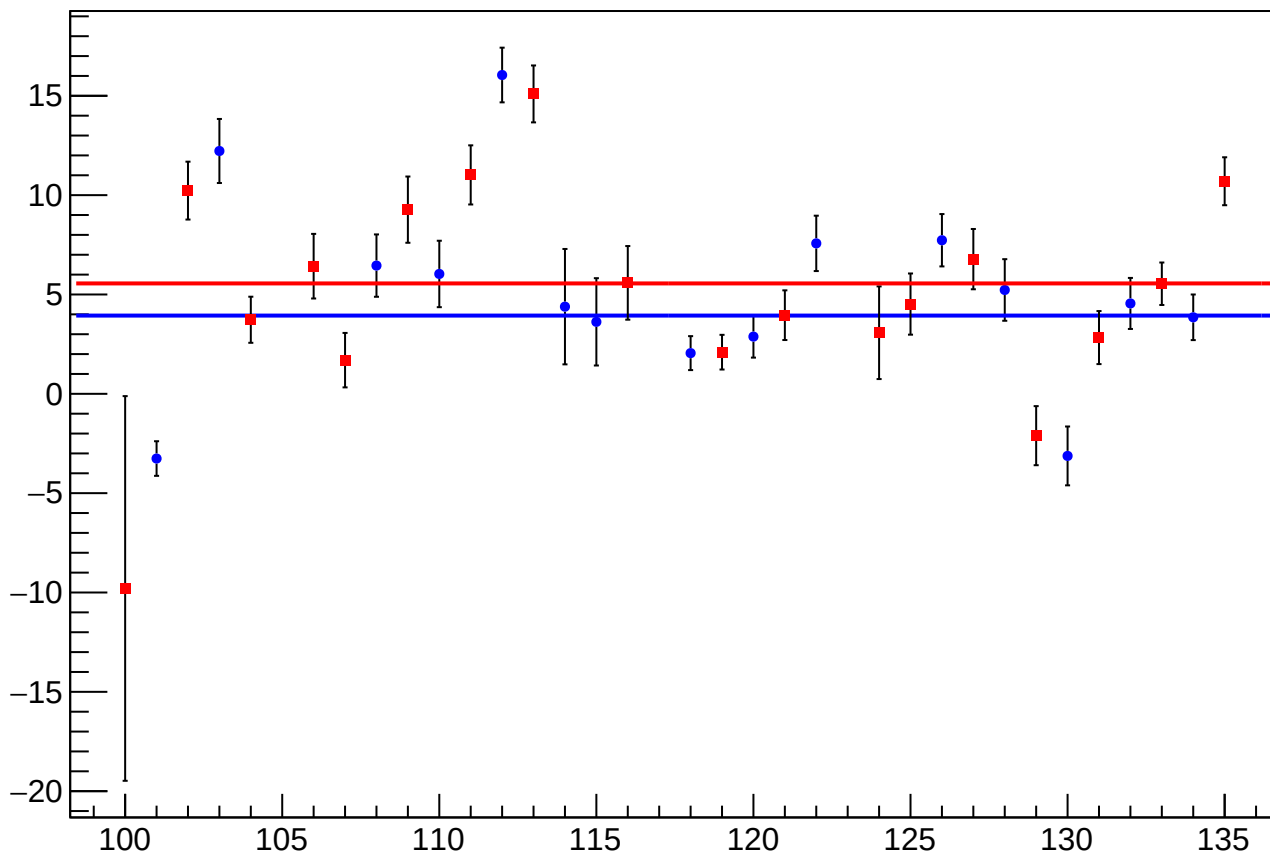
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.051 ± 0.229 χ^2/NDF : 1568.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4aY_slope vs Slug



Right In: 3.938 $\pm$ 0.335 χ^2 /NDF: 220.9/14

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

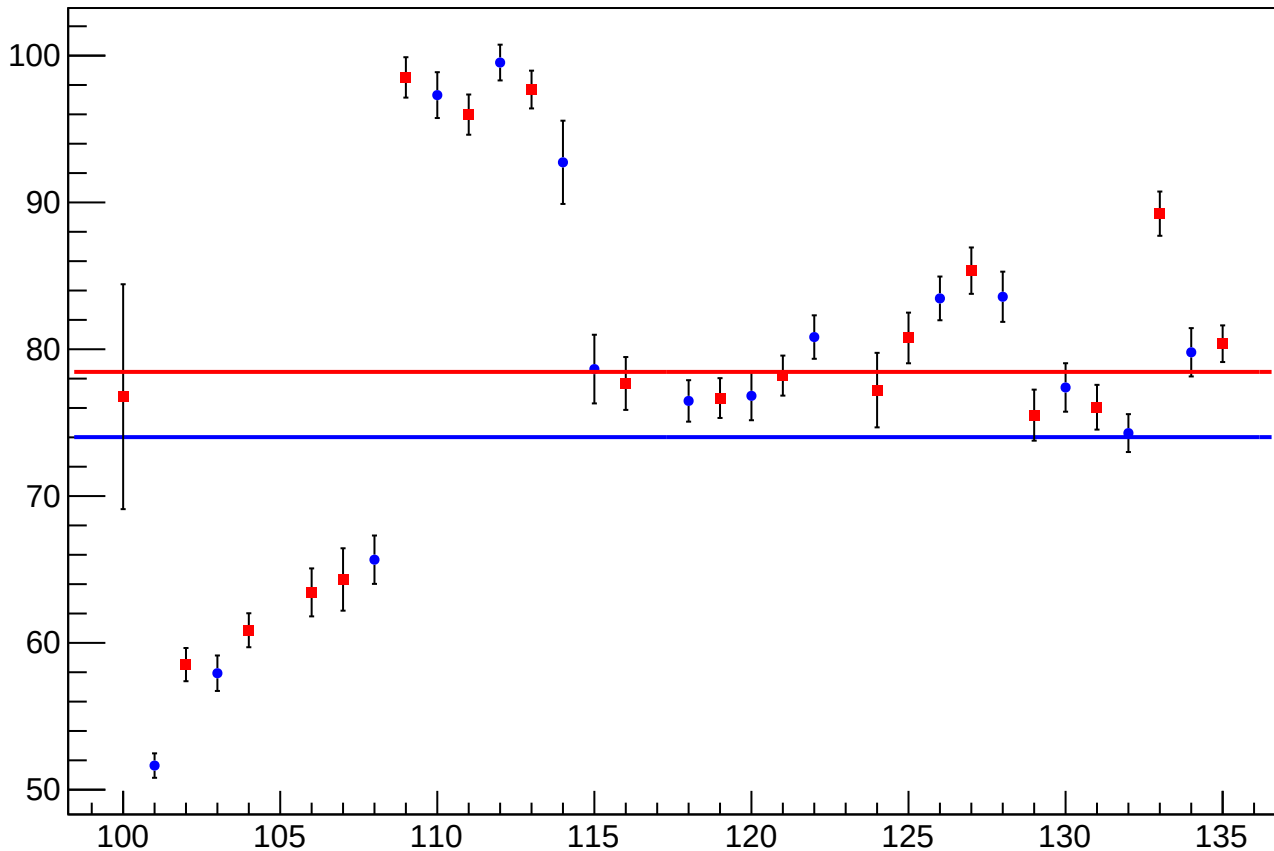
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.764 $\pm$ 0.234 χ^2 /NDF: 387.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm4eX_slope vs Slug



Right In: 74.015+/-0.369 χ^2/NDF : 1748.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 78.457+/-0.355 χ^2/NDF : 1352.4/17

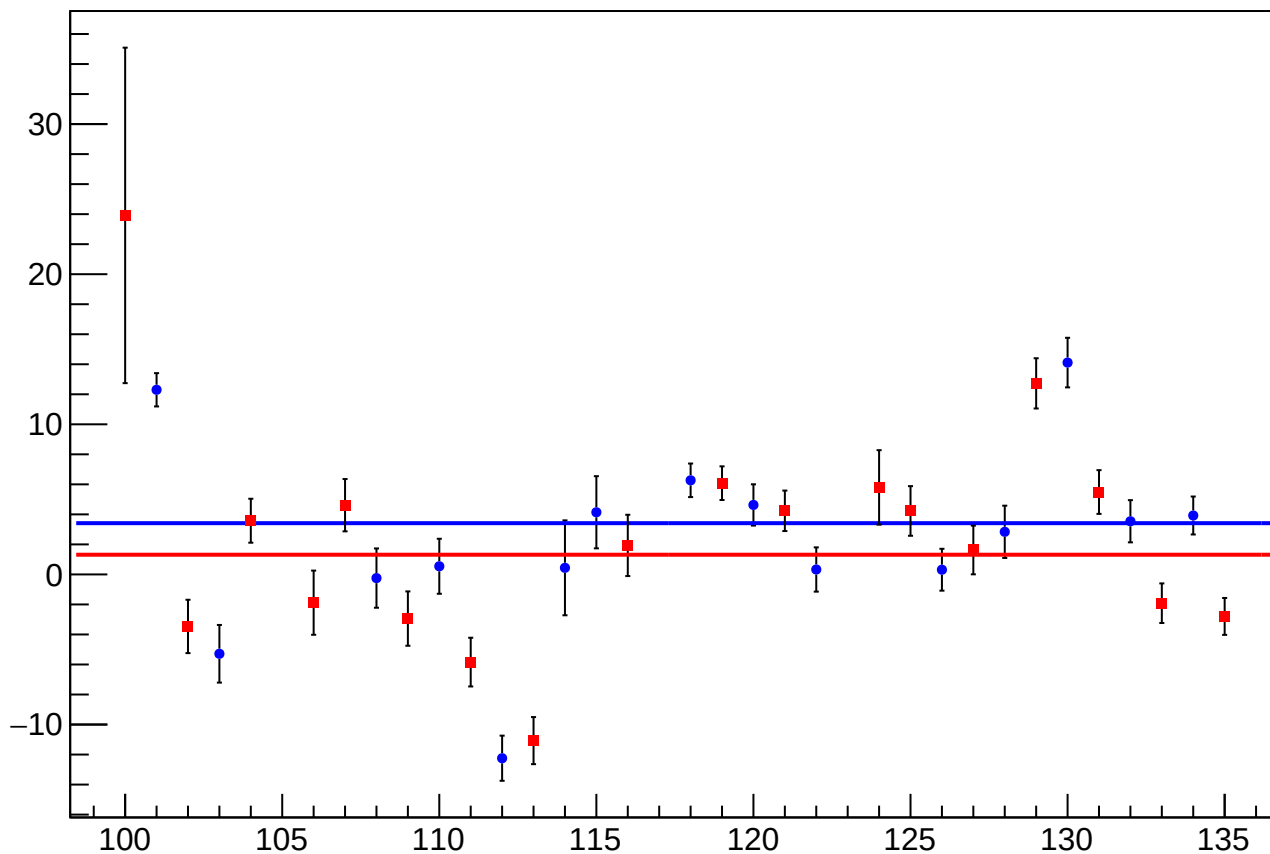
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 76.323+/-0.256 χ^2/NDF : 3176.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_avg_diff_bpm4eY_slope vs Slug



Right In: 3.414 $\pm$ 0.393 χ^2 /NDF: 258.8/14

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

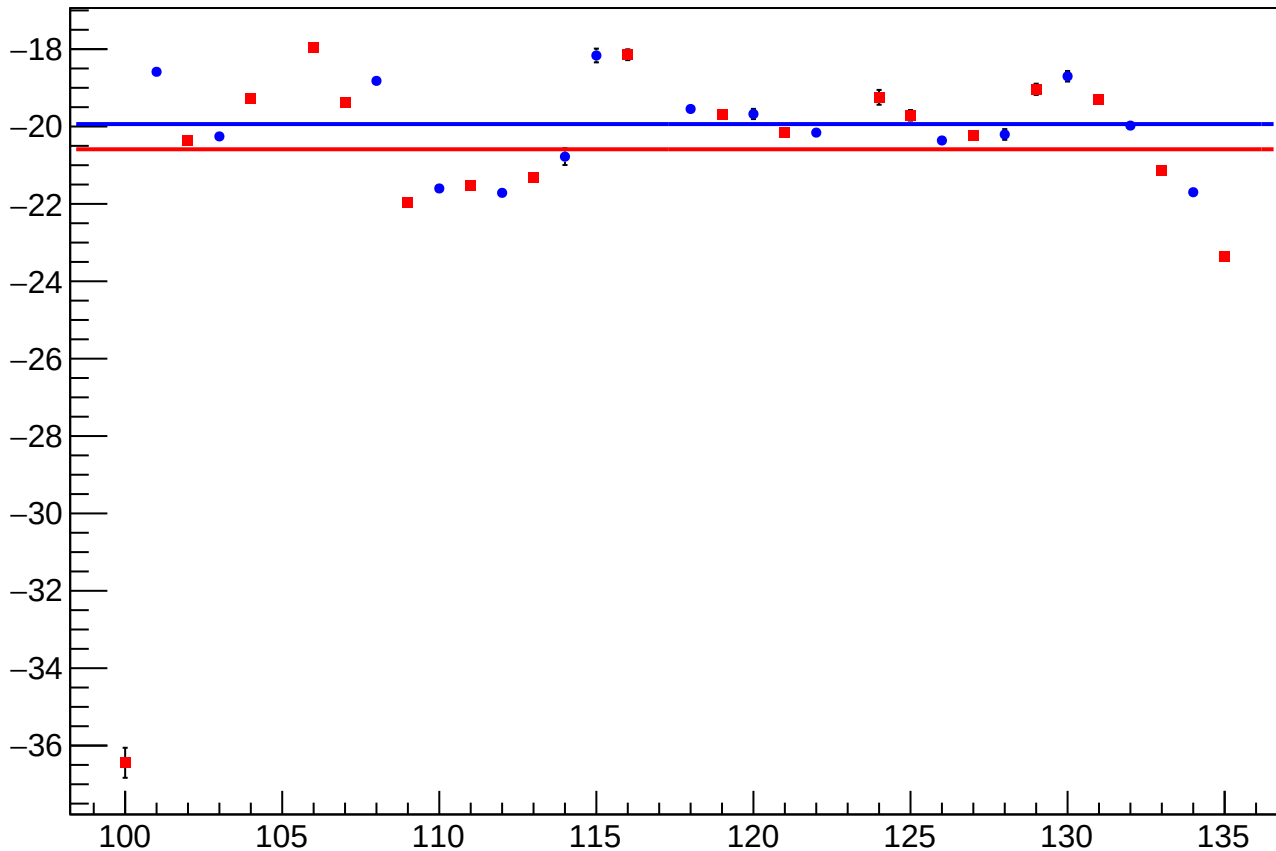
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.324 $\pm$ 0.272 χ^2 /NDF: 481.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_right_avg_diff_bpm12X_slope vs Slug



Right In: -19.937 ± 0.022 χ^2/NDF : 2611.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -20.588 ± 0.021 χ^2/NDF : 7889.0/17

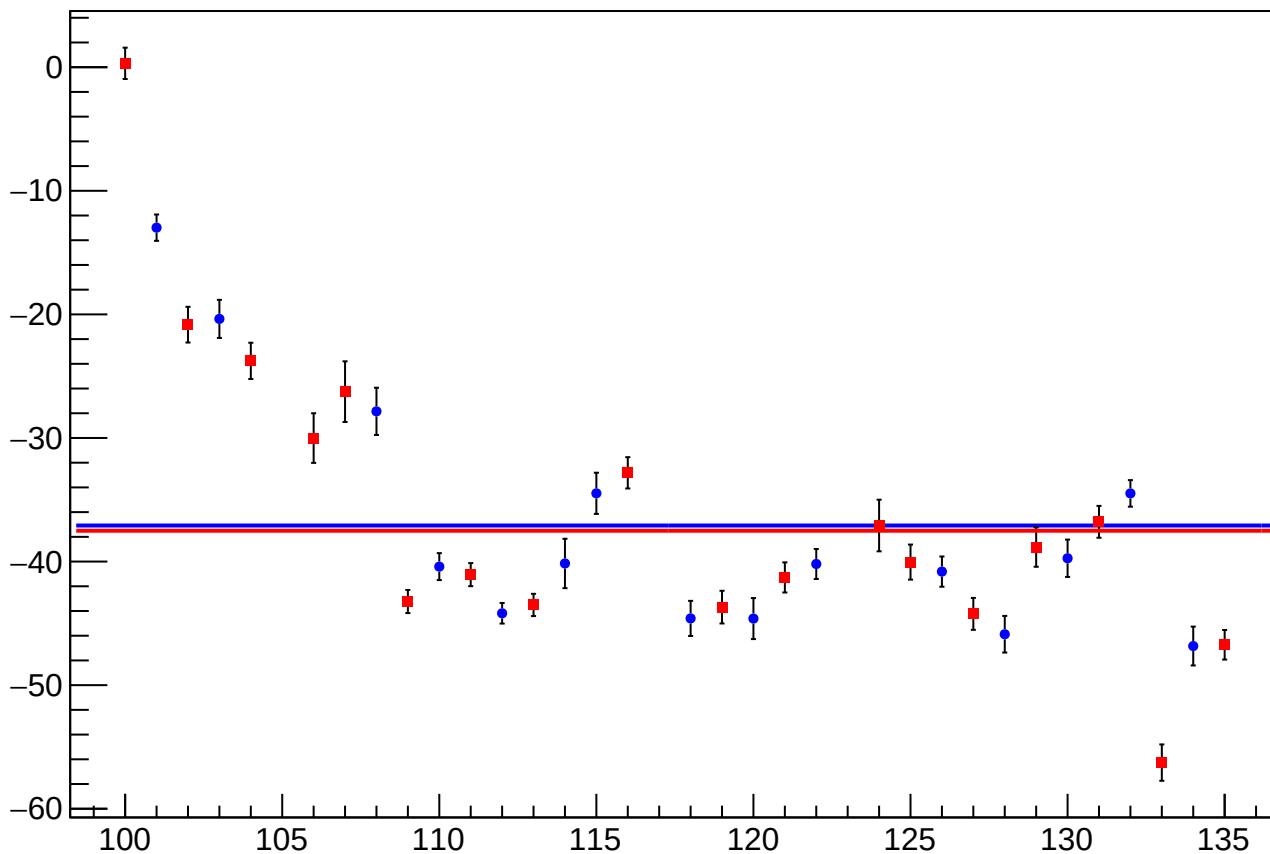
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -20.288 ± 0.015 χ^2/NDF : 10954.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm1X_slope vs Slug



Right In: -37.084 ± 0.336 χ^2/NDF : 886.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -37.505 ± 0.304 χ^2/NDF : 1540.7/17

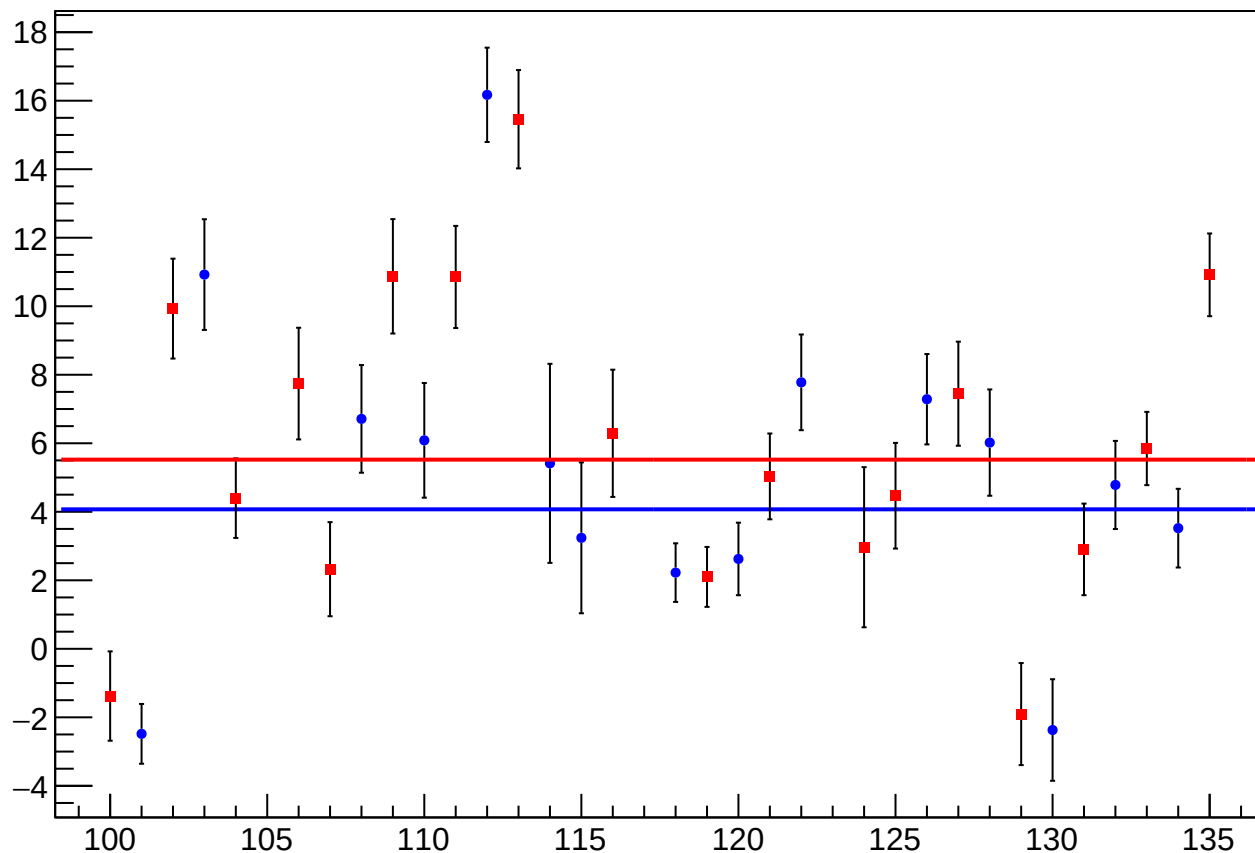
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.316 ± 0.225 χ^2/NDF : 2427.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4aY_slope vs Slug



Right In: 4.072 ± 0.335 χ^2/NDF : 196.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.522 ± 0.319 χ^2/NDF : 184.0/17

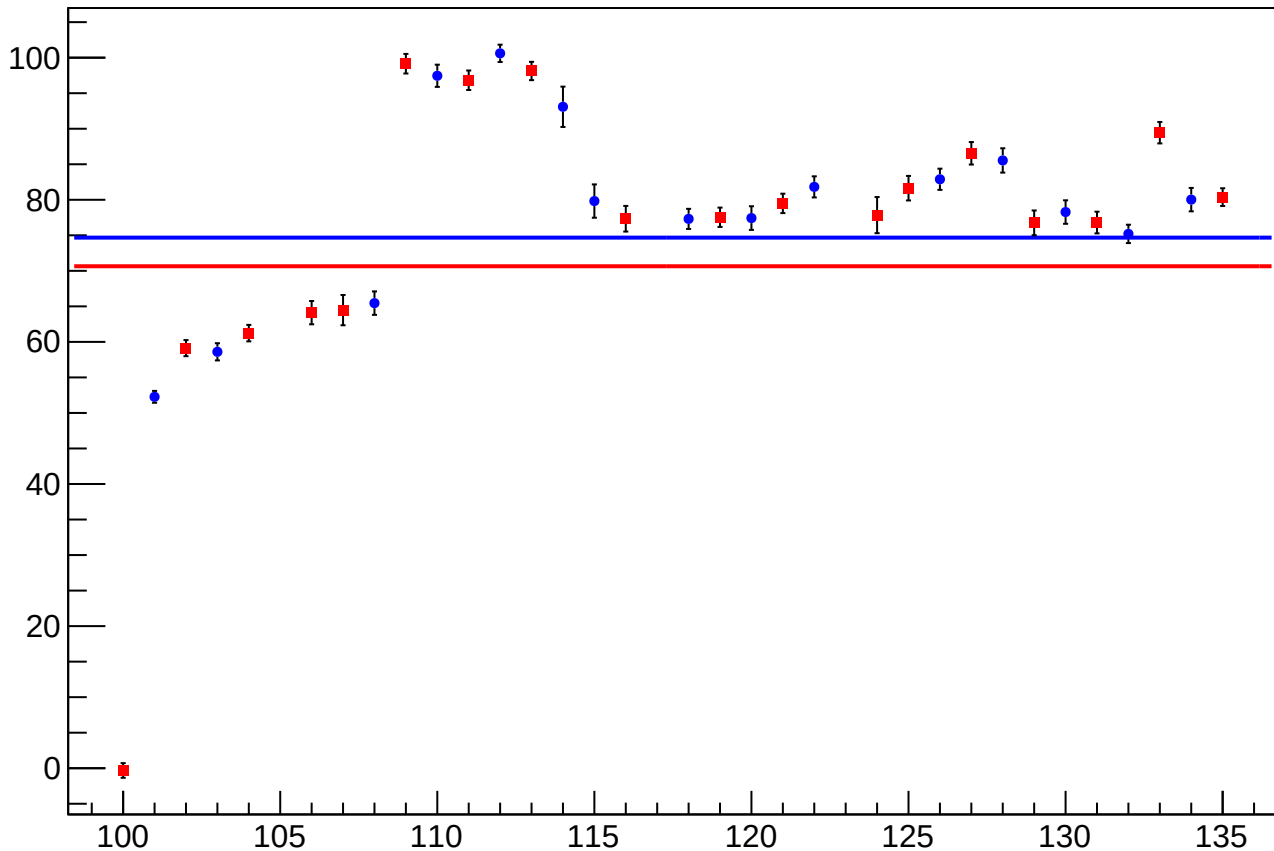
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 4.834 ± 0.231 χ^2/NDF : 390.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eX_slope vs Slug



Right In: 74.676+/-0.370 χ^2/NDF : 1756.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 70.647+/-0.337 χ^2/NDF : 6632.9/17

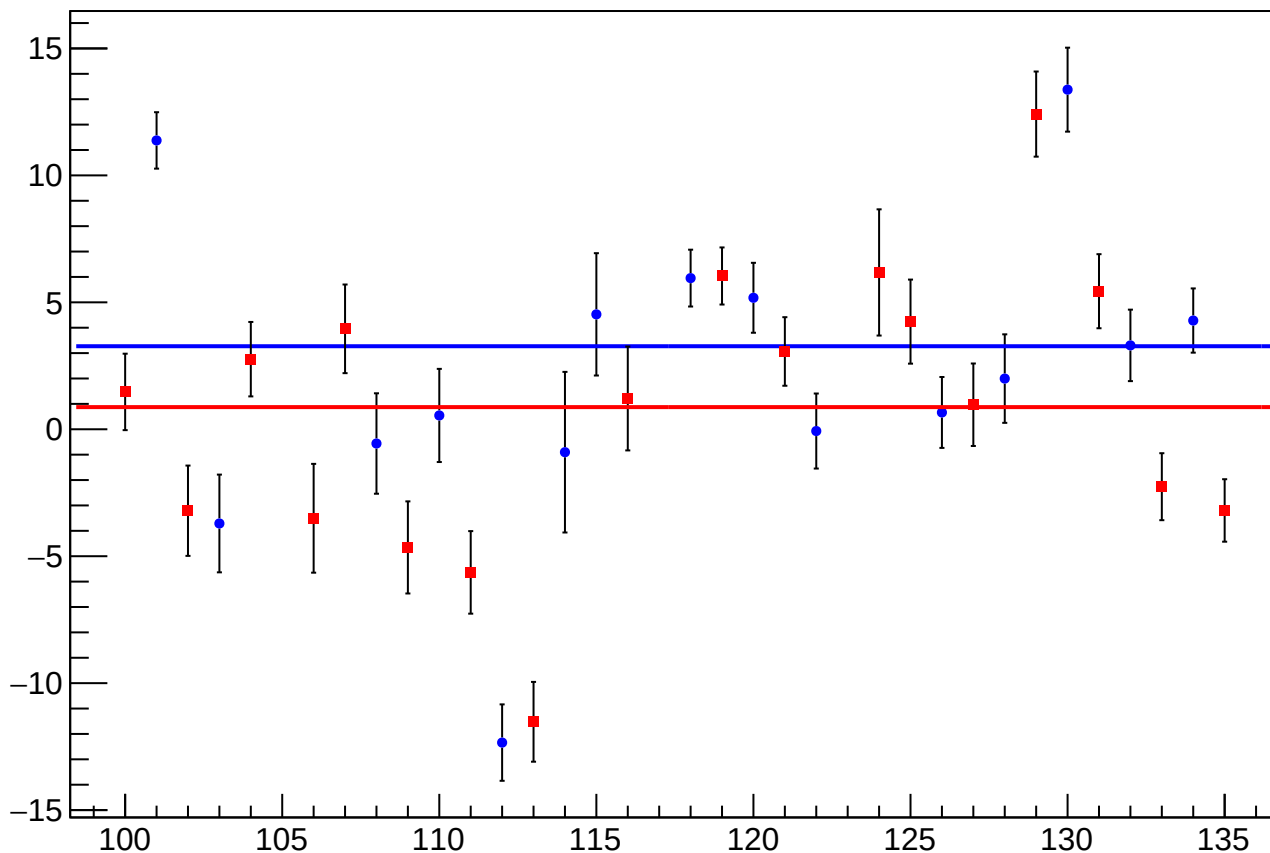
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 72.472+/-0.249 χ^2/NDF : 8454.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm4eY_slope vs Slug



Right In: 3.271 ± 0.393 χ^2/NDF : 236.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.873 ± 0.368 χ^2/NDF : 208.1/17

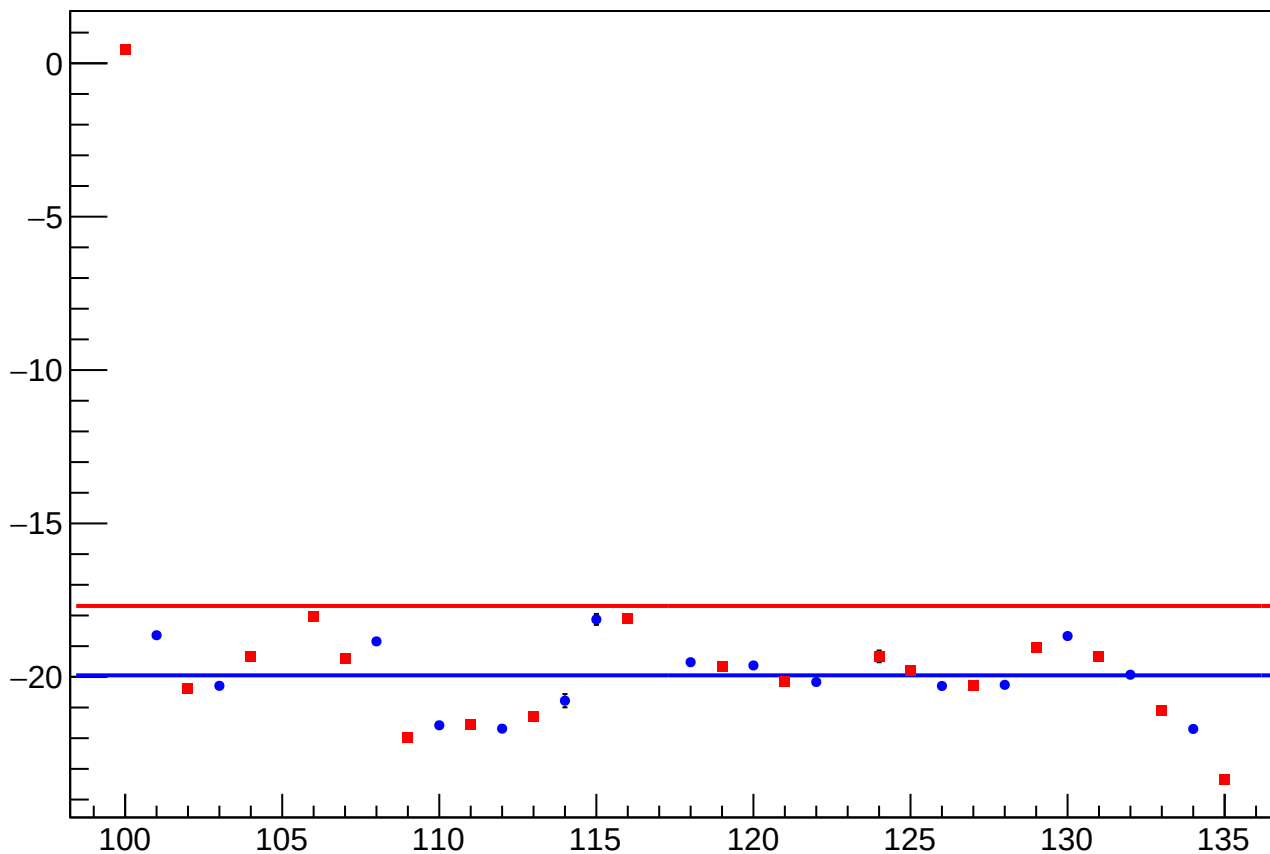
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.991 ± 0.269 χ^2/NDF : 464.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_right_dd_diff_bpm12X_slope vs Slug



Right In: -19.951 ± 0.022 χ^2/NDF : 2536.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.689 ± 0.019 χ^2/NDF : 145398.3/17

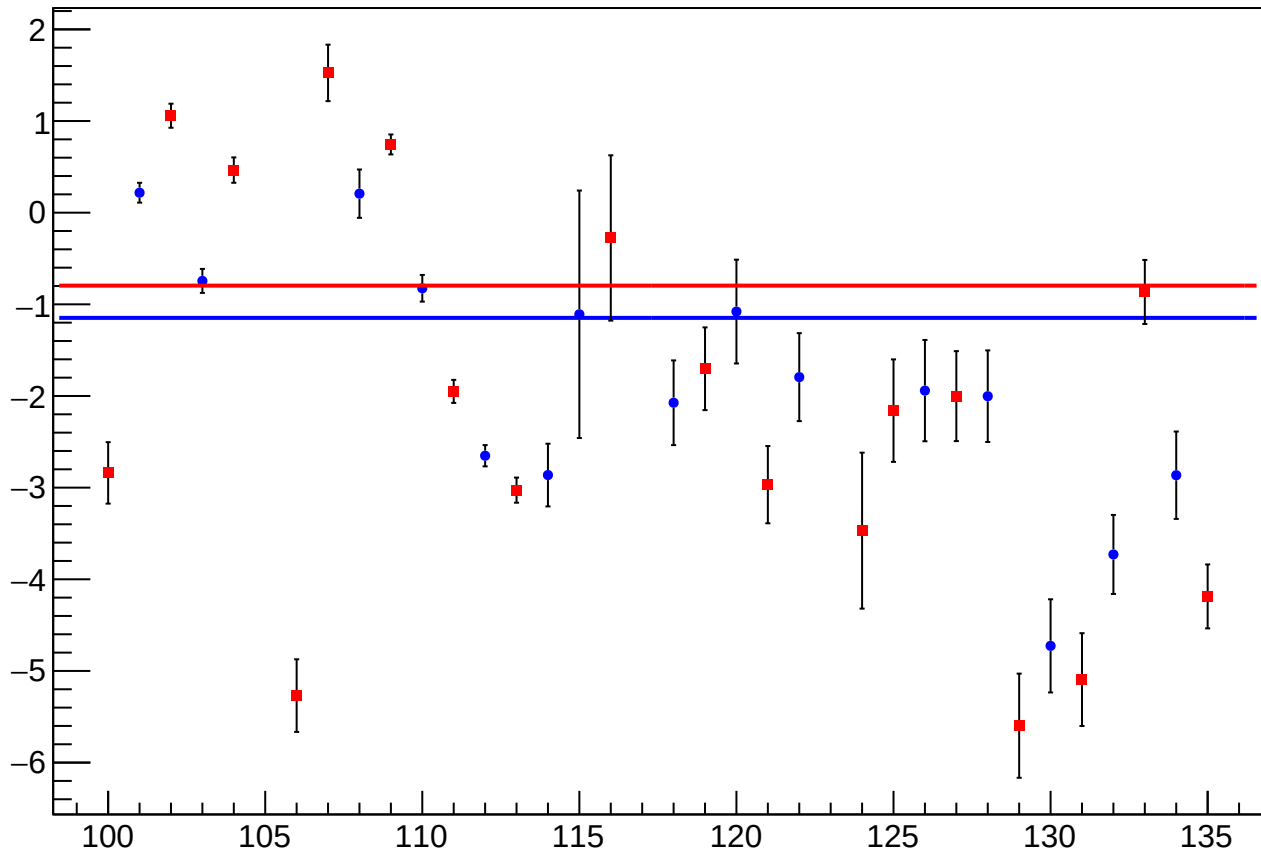
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -18.652 ± 0.015 χ^2/NDF : 153755.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm1X_slope vs Slug



Right In: -1.148 ± 0.056 χ^2/NDF : 503.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.796 ± 0.051 χ^2/NDF : 1344.2/17

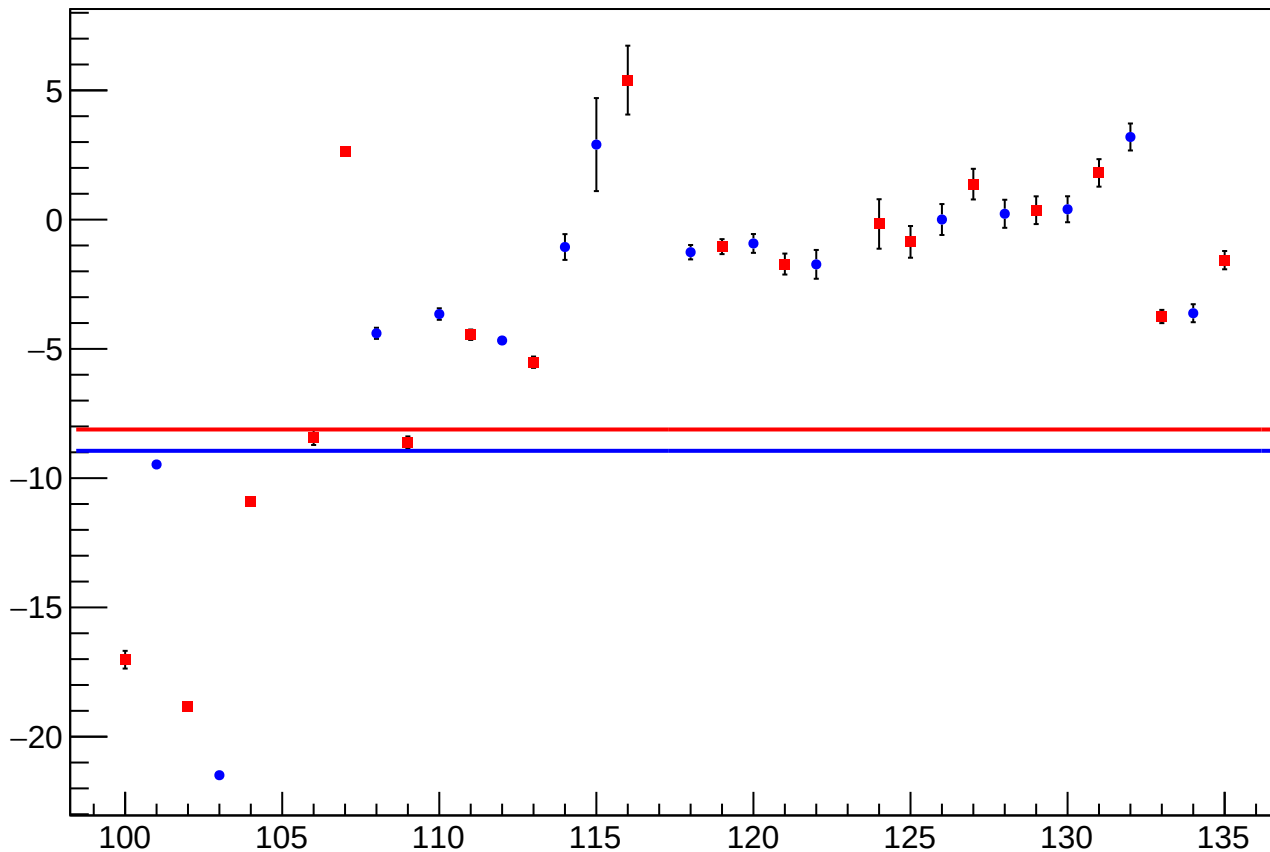
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.957 ± 0.038 χ^2/NDF : 1869.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4aY_slope vs Slug



Right In: -8.943 ± 0.058 χ^2/NDF : 13049.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.118 ± 0.058 χ^2/NDF : 14306.2/17

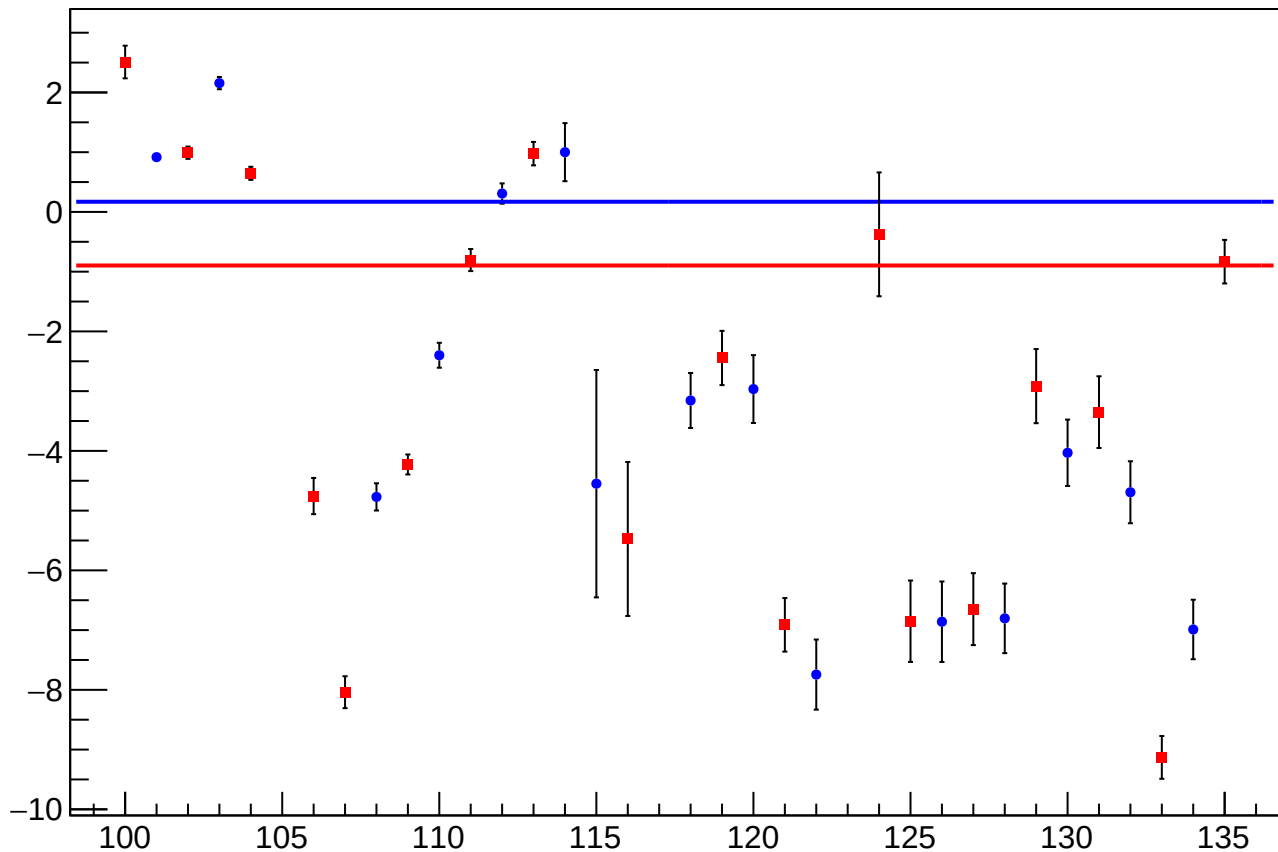
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -8.529 ± 0.041 χ^2/NDF : 27457.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eX_slope vs Slug



Right In: 0.171 ± 0.054 χ^2/NDF : 1952.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.897 ± 0.054 χ^2/NDF : 2984.5/17

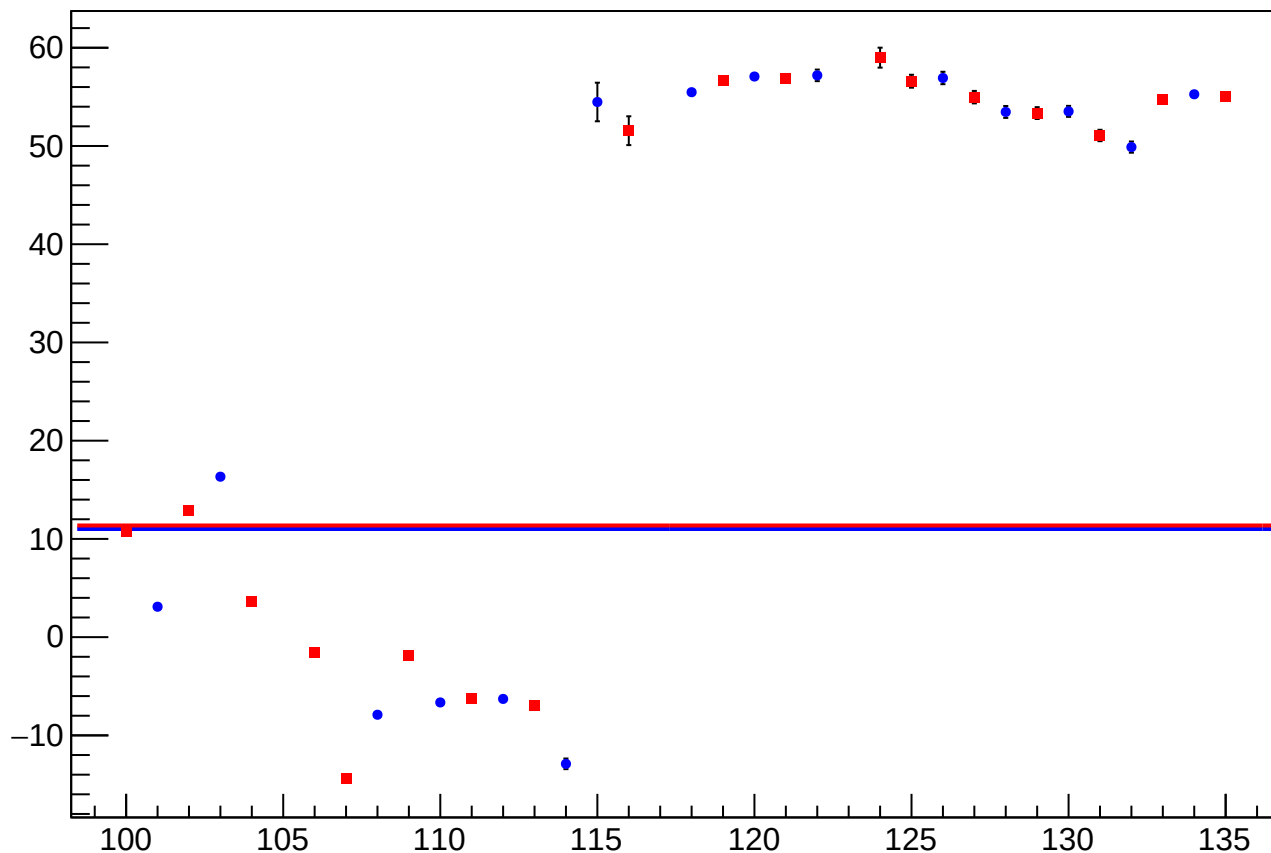
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.365 ± 0.038 χ^2/NDF : 5132.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm4eY_slope vs Slug



Right In: 11.009+/-0.070 χ^2/NDF : 89267.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.367+/-0.068 χ^2/NDF : 113762.1/17

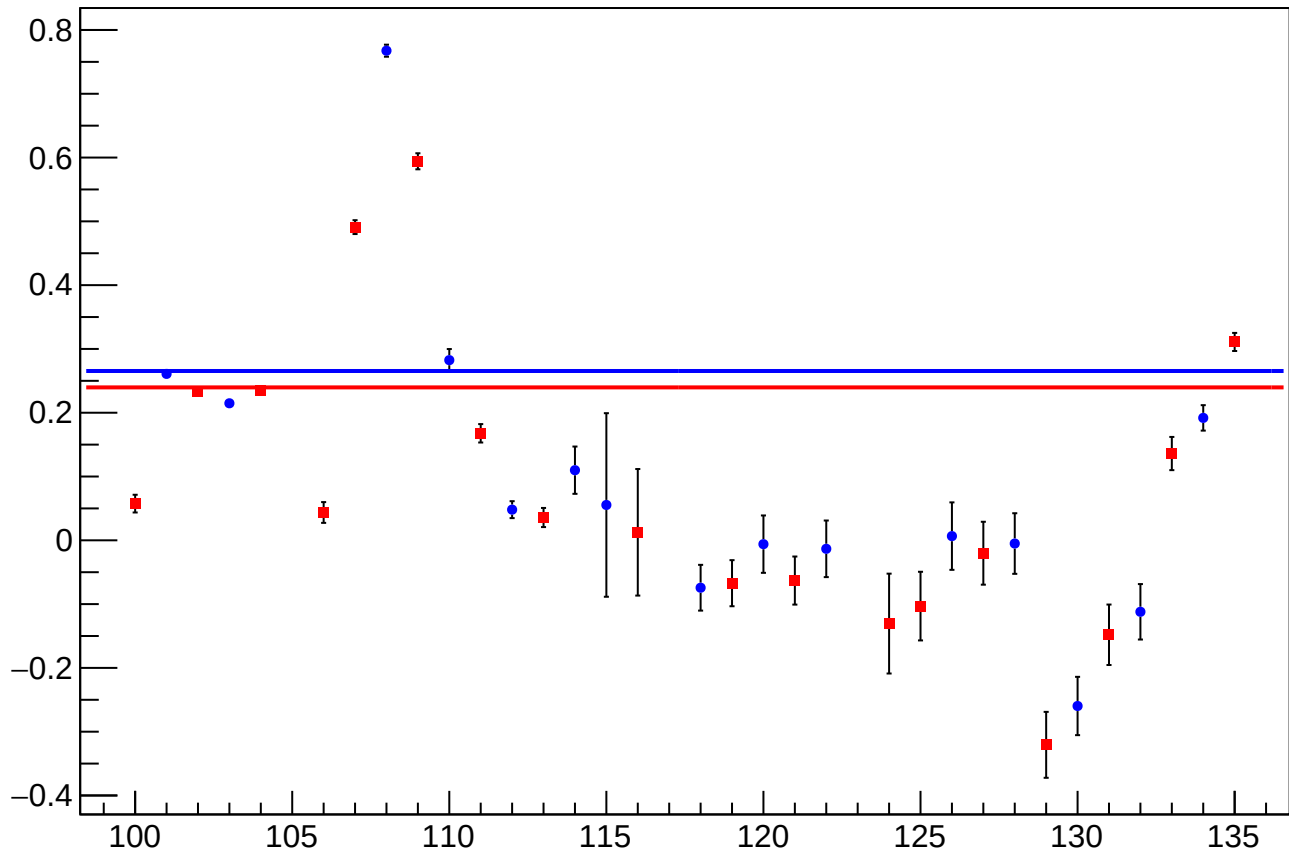
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.192+/-0.049 χ^2/NDF : 203043.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_avg_diff_bpm12X_slope vs Slug



Right In: 0.265+/-0.003 χ^2/NDF : 3708.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.240+/-0.003 χ^2/NDF : 2317.6/17

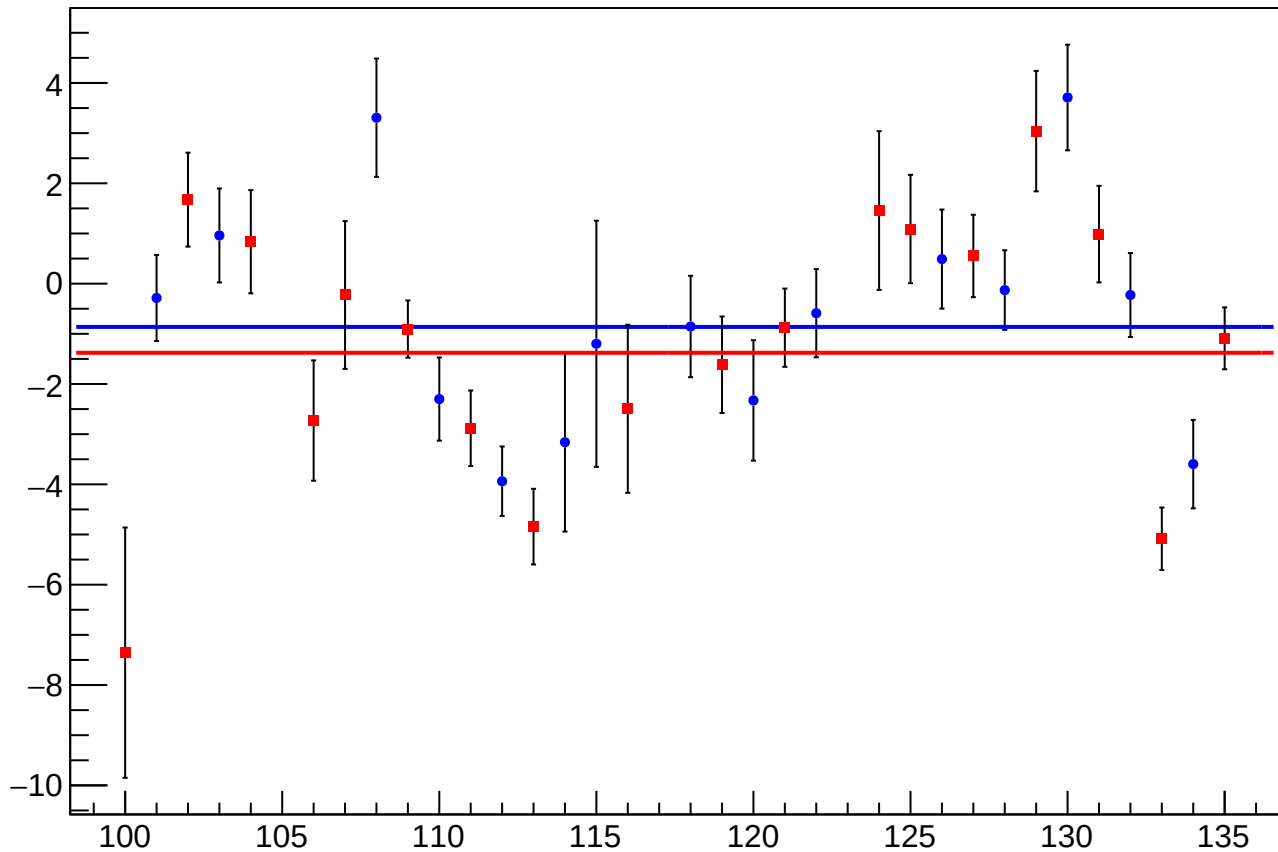
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.252+/-0.002 χ^2/NDF : 6068.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm1X_slope vs Slug



Right In: -0.862 ± 0.247 χ^2/NDF : 74.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.378 ± 0.209 χ^2/NDF : 118.7/17

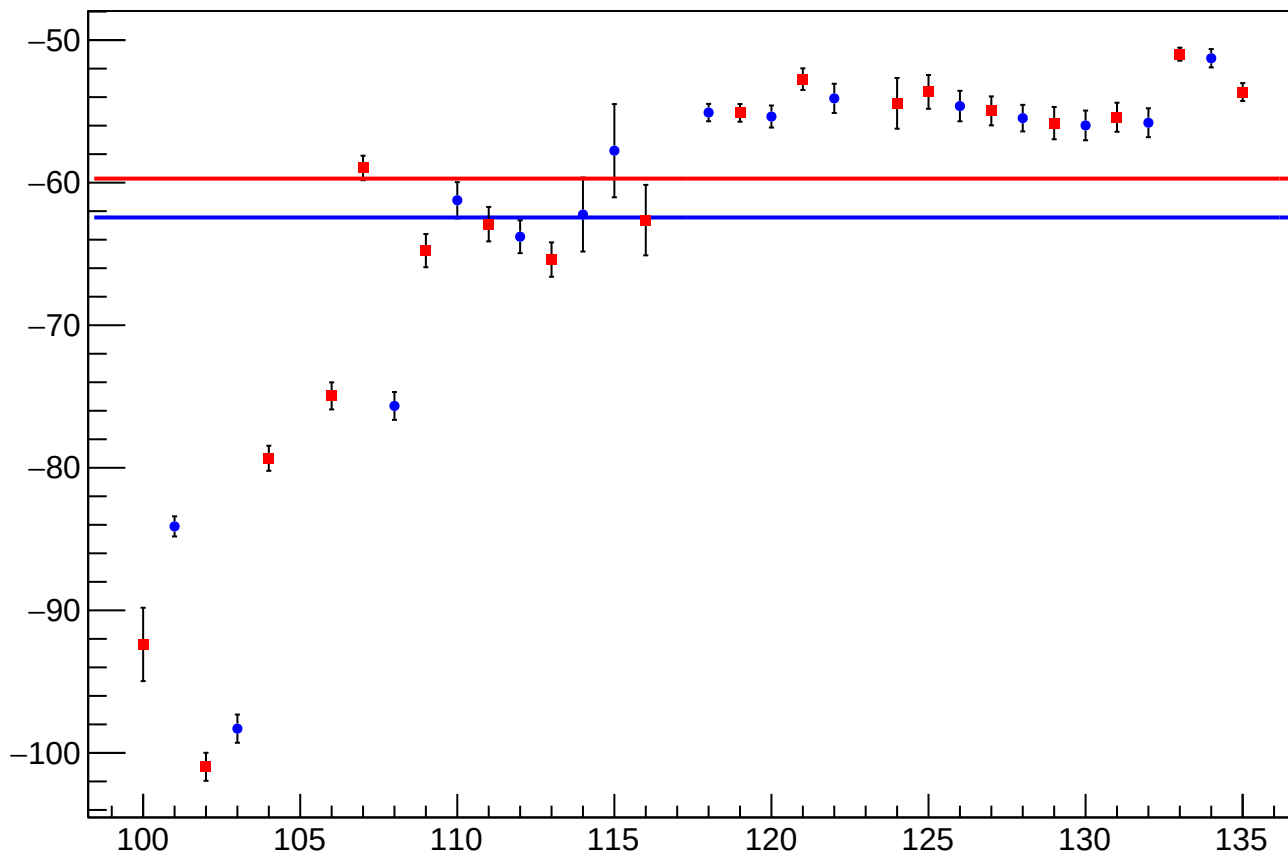
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.162 ± 0.160 χ^2/NDF : 195.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4aY_slope vs Slug



Right In: -62.441 ± 0.240 χ^2/NDF : 3232.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -59.715 ± 0.210 χ^2/NDF : 3412.8/17

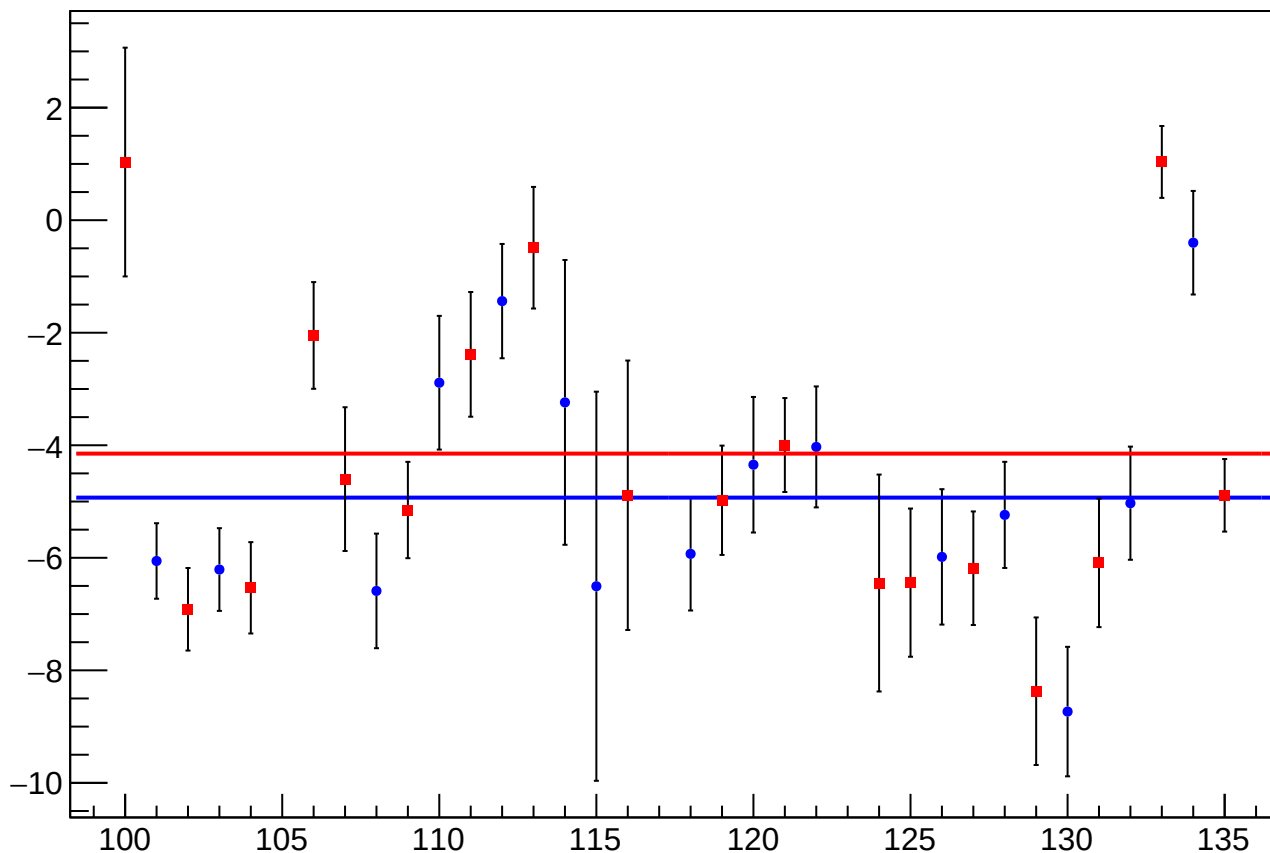
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -60.898 ± 0.158 χ^2/NDF : 6718.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eX_slope vs Slug



Right In: -4.930 ± 0.265 χ^2/NDF : 61.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.148 ± 0.229 χ^2/NDF : 139.6/17

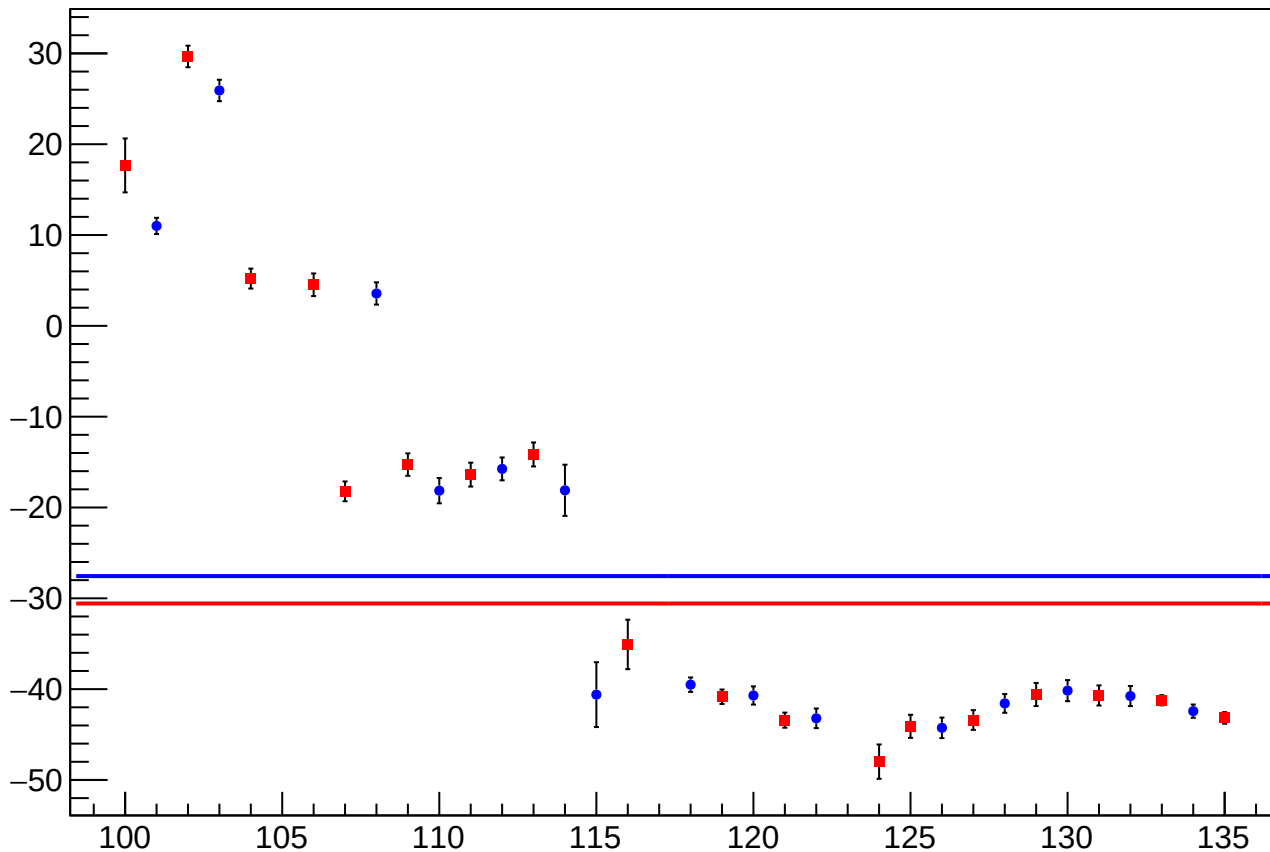
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.483 ± 0.173 χ^2/NDF : 206.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm4eY_slope vs Slug



Right In: -27.554 ± 0.282 χ^2/NDF : 6400.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.574 ± 0.243 χ^2/NDF : 6888.1/17

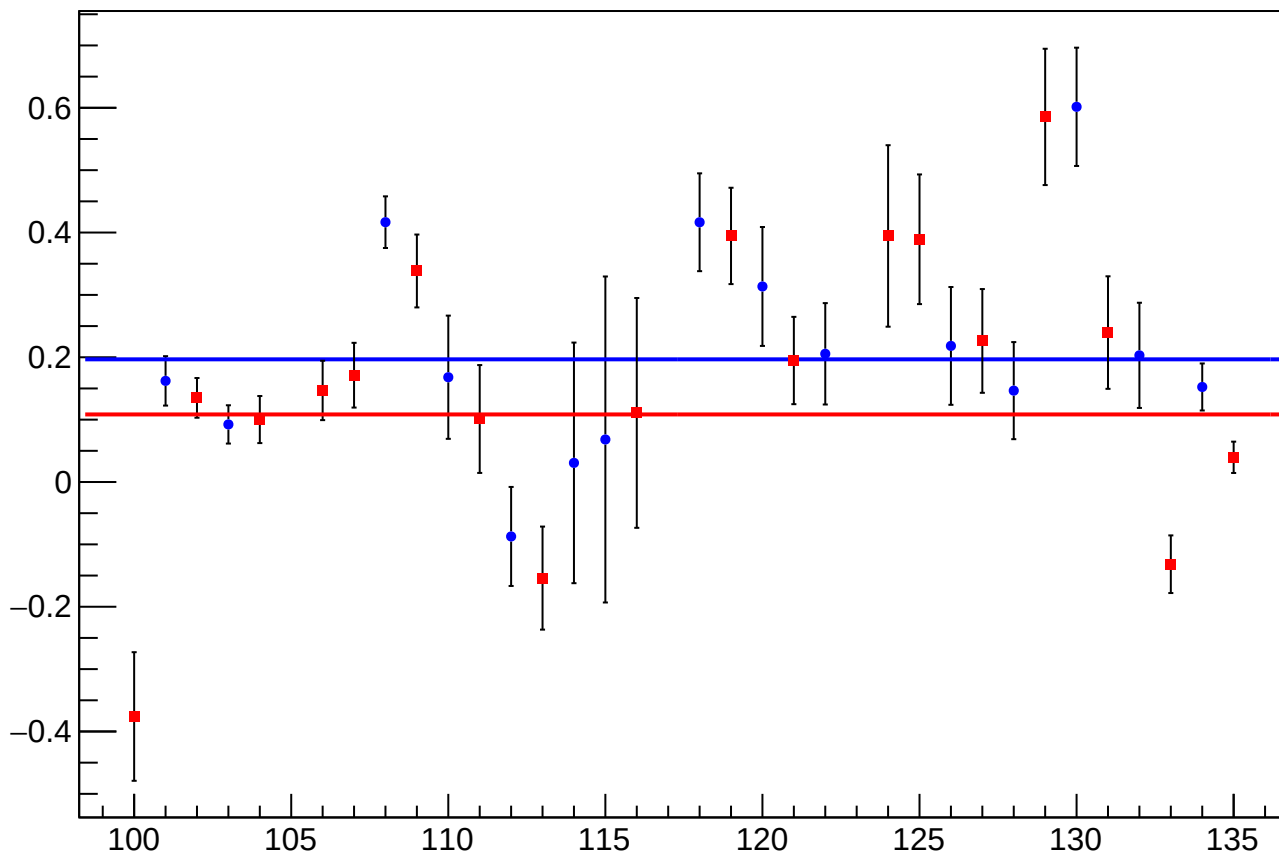
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.286 ± 0.184 χ^2/NDF : 13354.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_dd_diff_bpm12X_slope vs Slug



Right In: 0.197 $\pm$ 0.015 χ^2 /NDF: 83.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.108 $\pm$ 0.013 χ^2 /NDF: 134.6/17

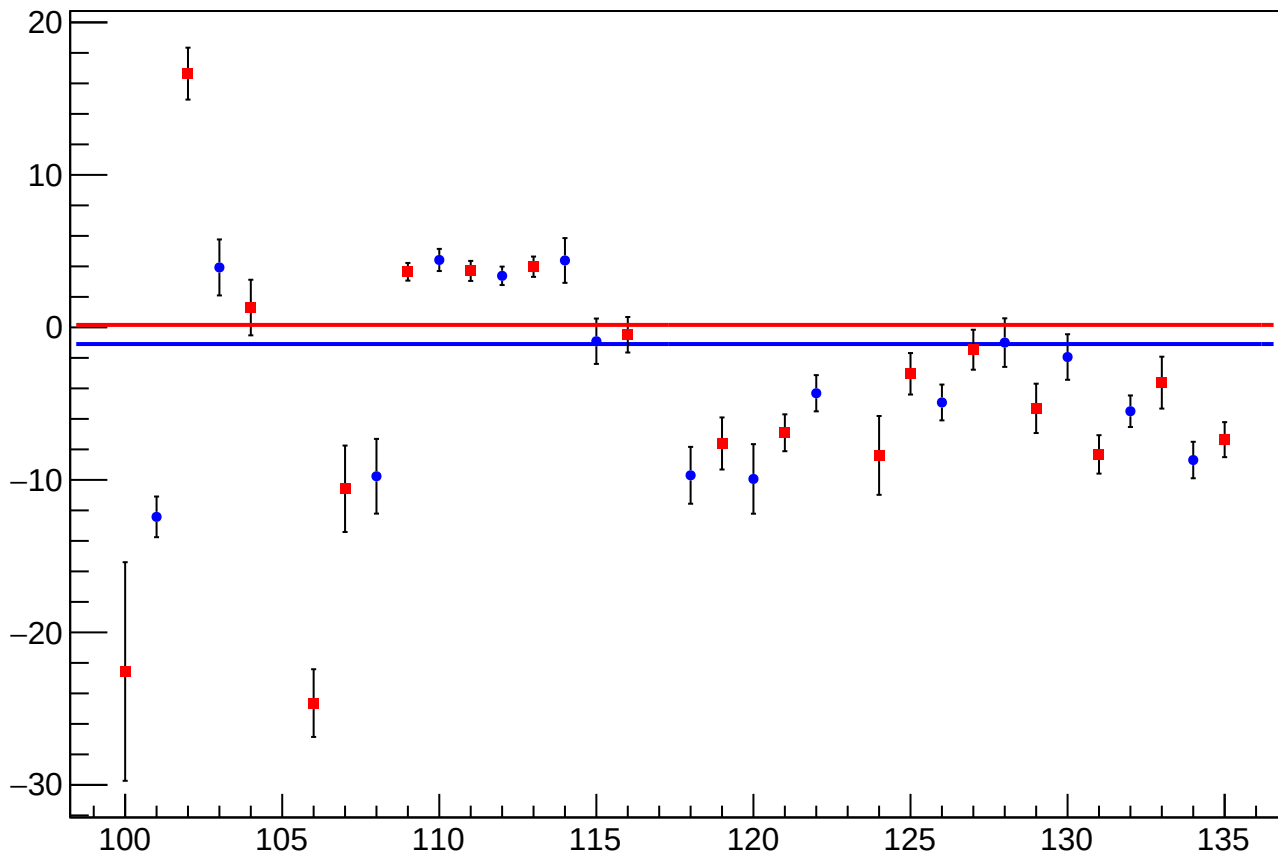
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.145 $\pm$ 0.010 χ^2 /NDF: 238.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm1X_slope vs Slug



Right In: -1.092 $\pm$ 0.302 χ^2 /NDF: 332.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.163 $\pm$ 0.270 χ^2 /NDF: 519.5/17

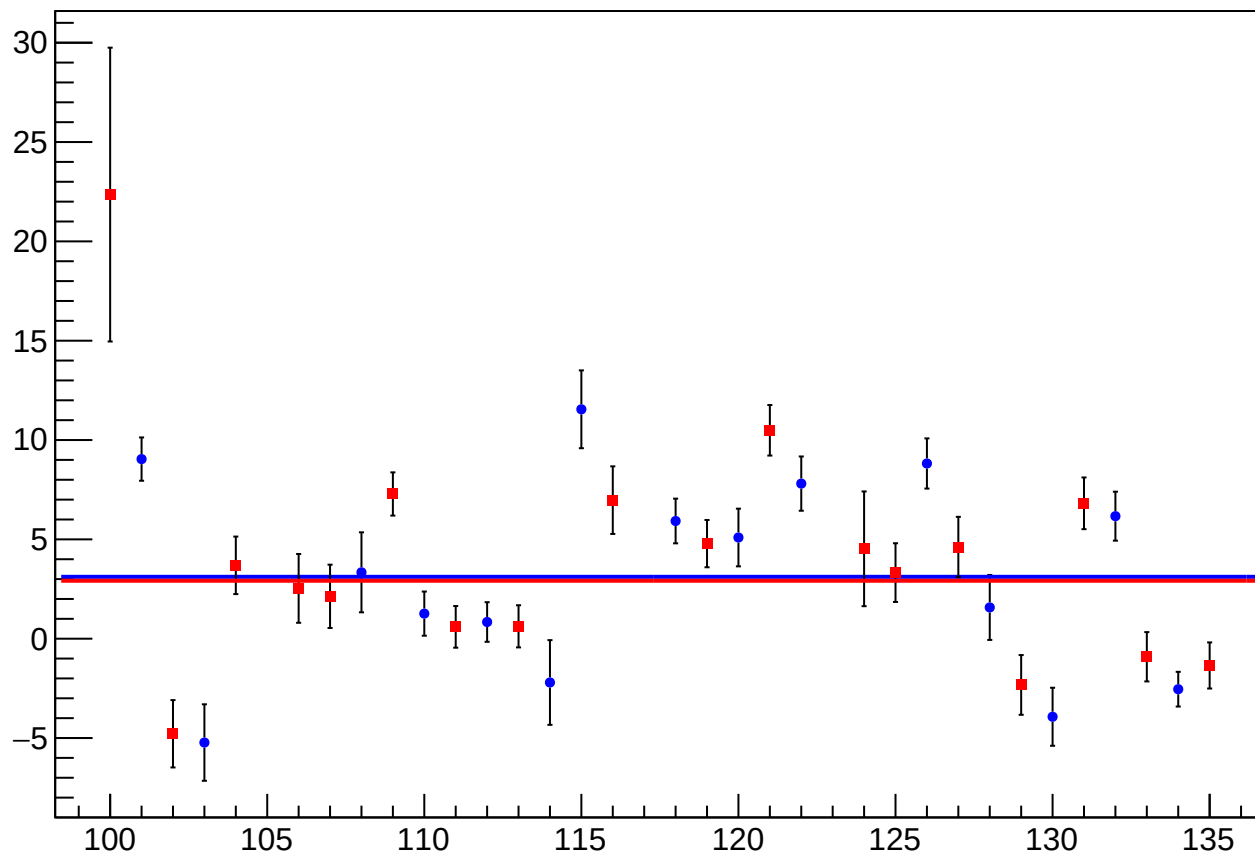
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.395 $\pm$ 0.201 χ^2 /NDF: 861.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm4aY_slope vs Slug



Right In: 3.115+/-0.335 χ^2/NDF : 193.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.916+/-0.328 χ^2/NDF : 143.2/17

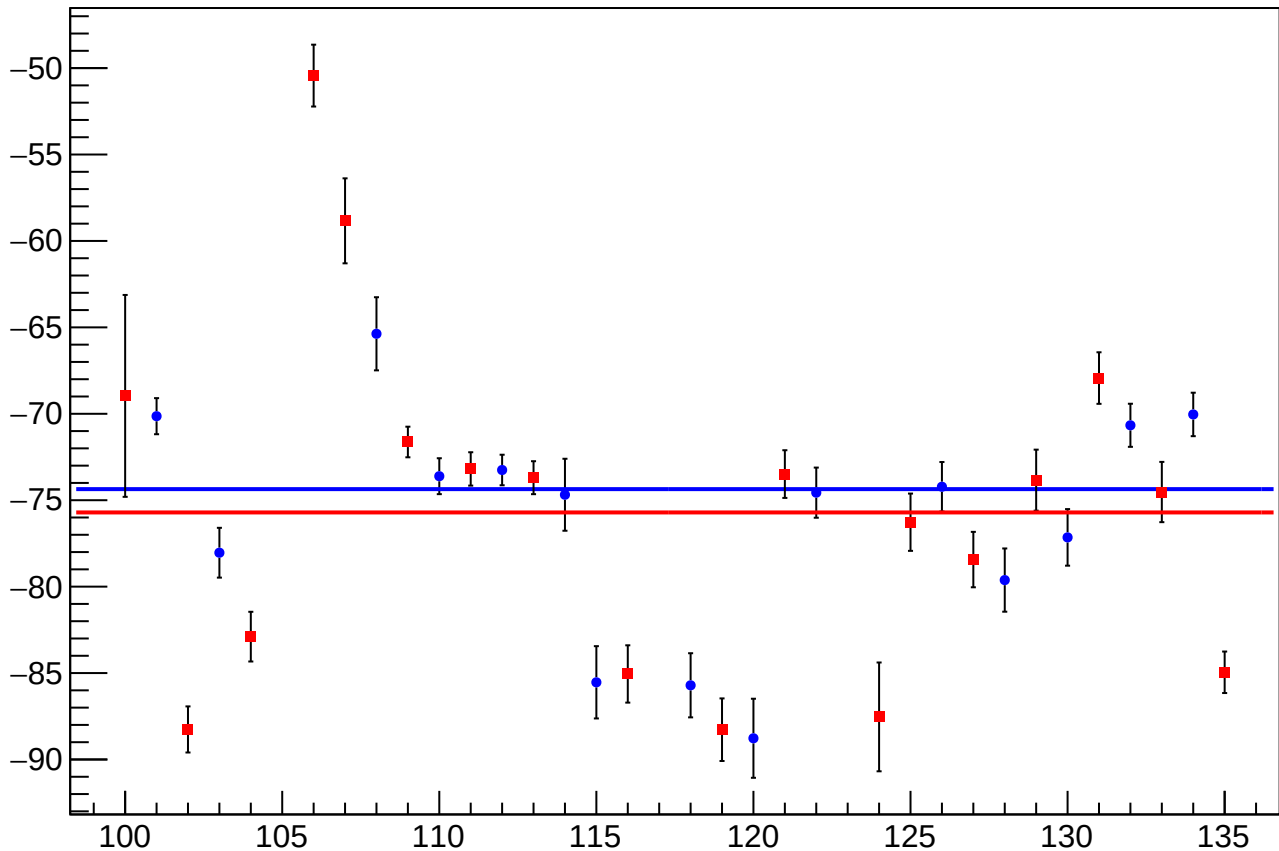
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.014+/-0.234 χ^2/NDF : 337.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eX_slope vs Slug



Right In: -74.359+/-0.361 χ^2/NDF : 180.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -75.707+/-0.336 χ^2/NDF : 581.8/17

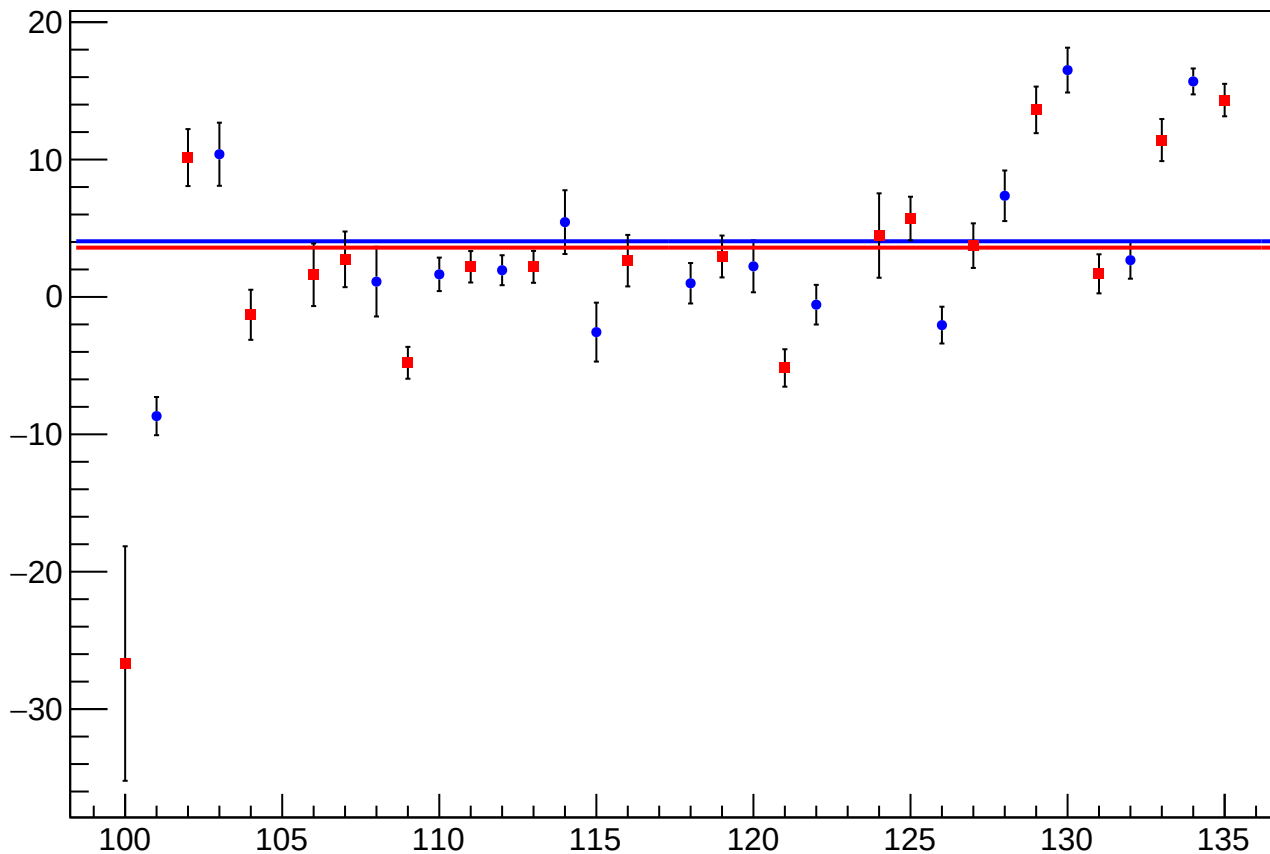
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.080+/-0.246 χ^2/NDF : 769.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_avg_diff_bpm4eY_slope vs Slug



Right In: 4.052 $\pm$ 0.381 χ^2 /NDF: 360.9/14

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

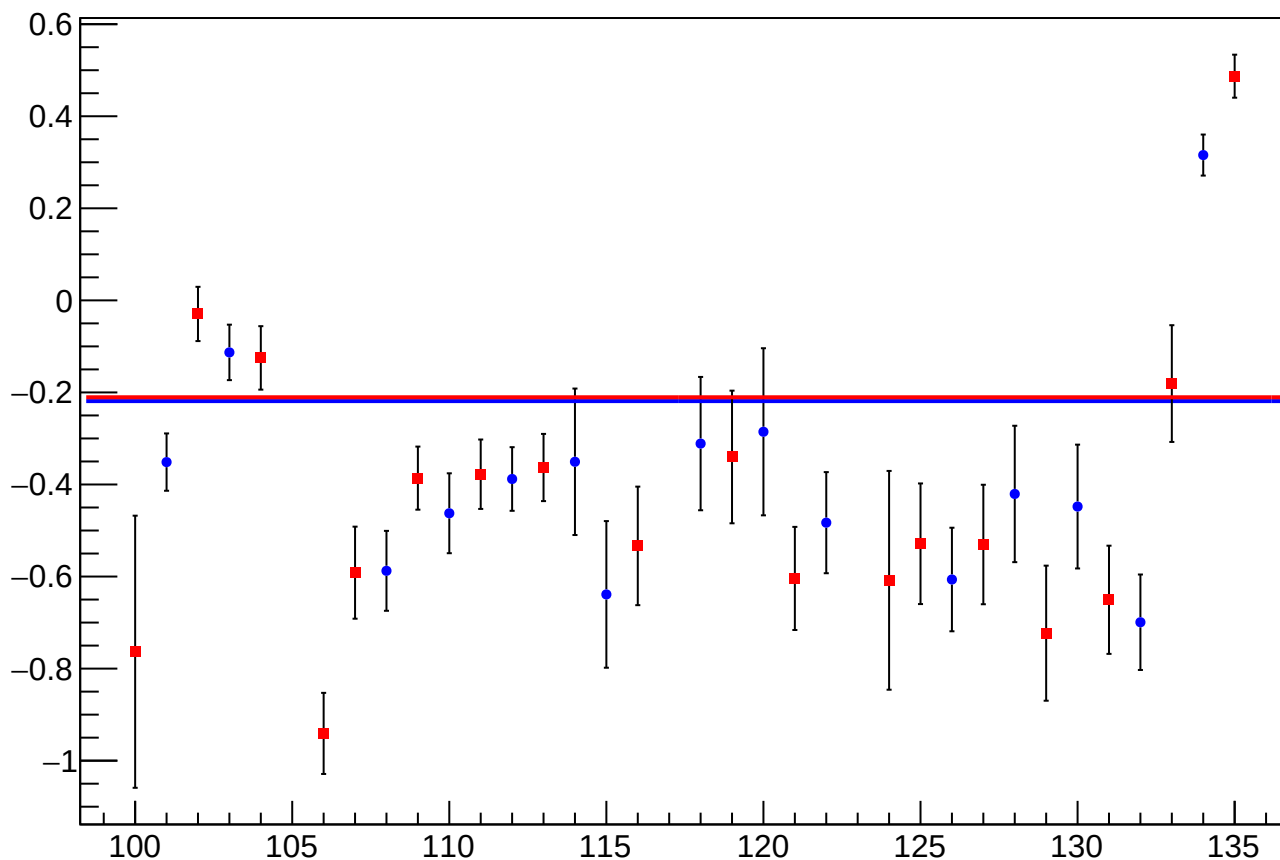
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.813 $\pm$ 0.265 χ^2 /NDF: 636.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_avg_diff_bpm12X_slope vs Slug



Right In: -0.219 ± 0.022 χ^2/NDF : 235.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.211 ± 0.021 χ^2/NDF : 396.8/17

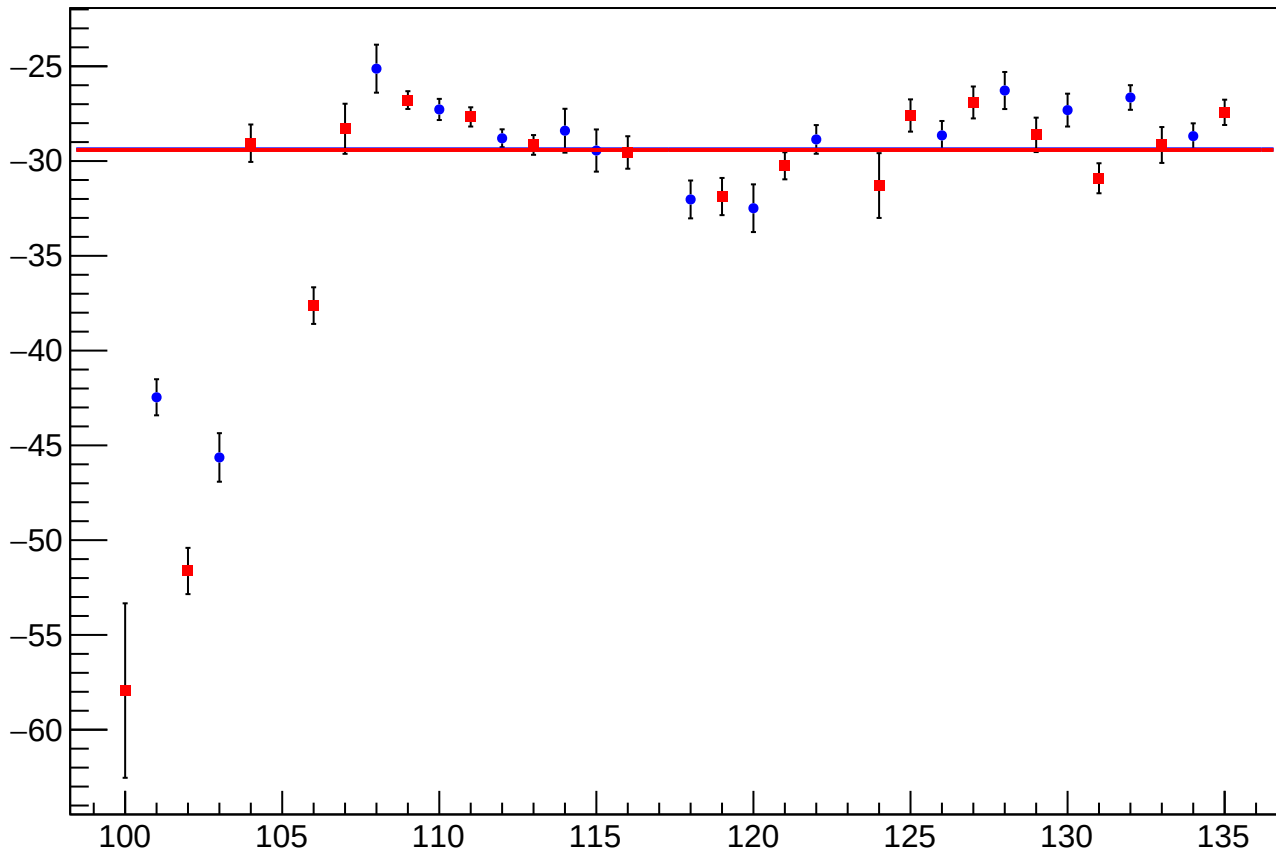
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.214 ± 0.015 χ^2/NDF : 632.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm1X_slope vs Slug



Right In: -29.383+/-0.206 χ^2/NDF : 426.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -29.415+/-0.185 χ^2/NDF : 521.9/17

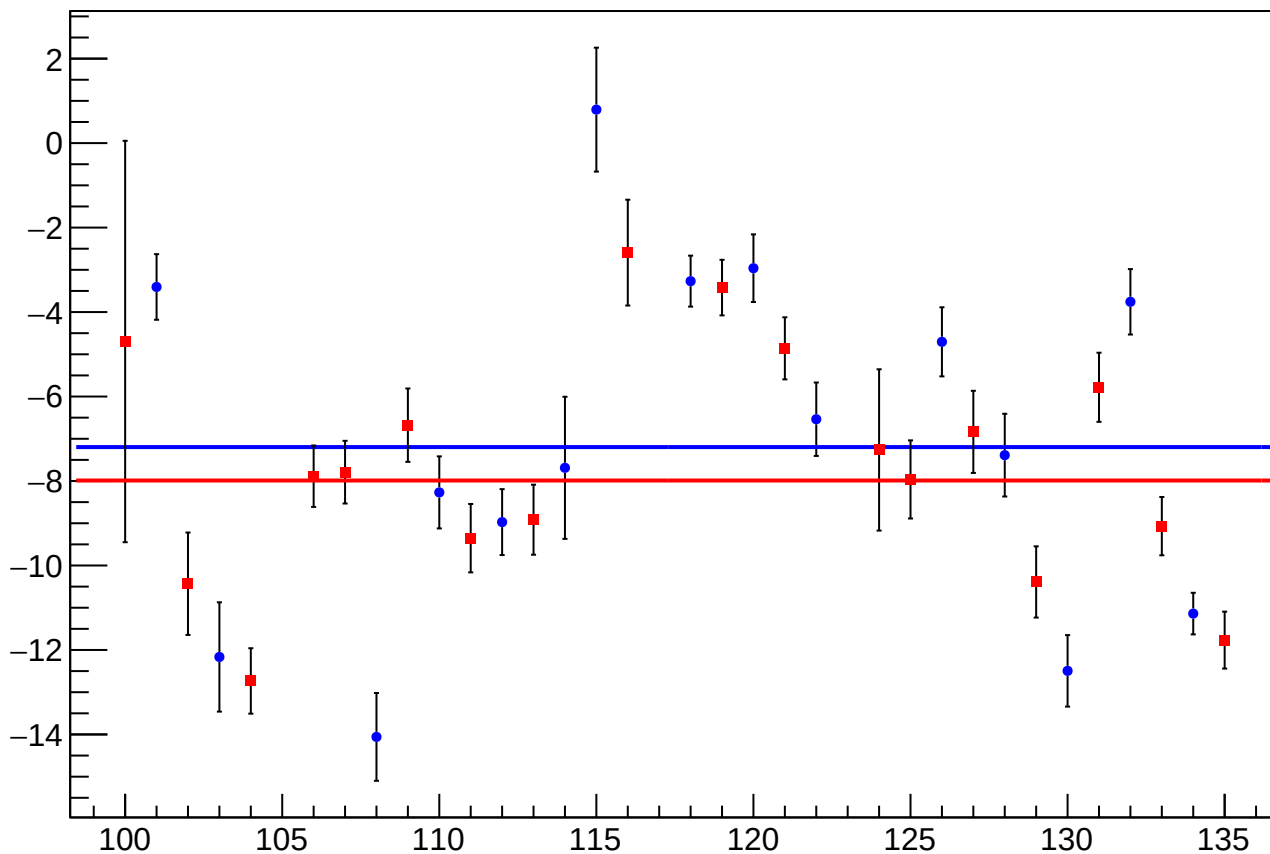
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.401+/-0.138 χ^2/NDF : 948.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4aY_slope vs Slug



Right In: -7.197 ± 0.211 χ^2/NDF : 321.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -7.988 ± 0.200 χ^2/NDF : 184.2/17

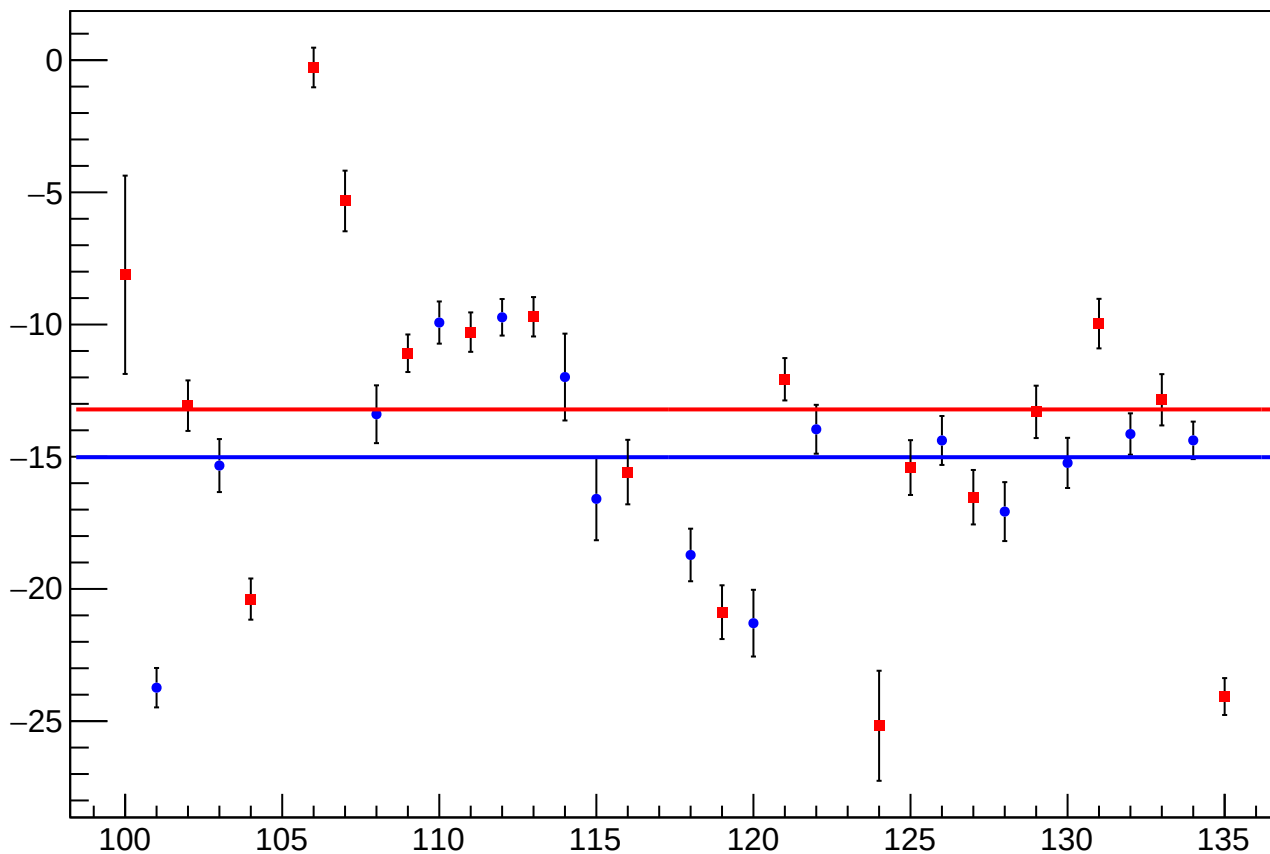
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.614 ± 0.145 χ^2/NDF : 513.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_dd_diff_bpm4eX_slope vs Slug



Right In: -15.017 ± 0.238 $\chi^2/\text{NDF}: 288.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -13.211 ± 0.216 $\chi^2/\text{NDF}: 843.1/17$

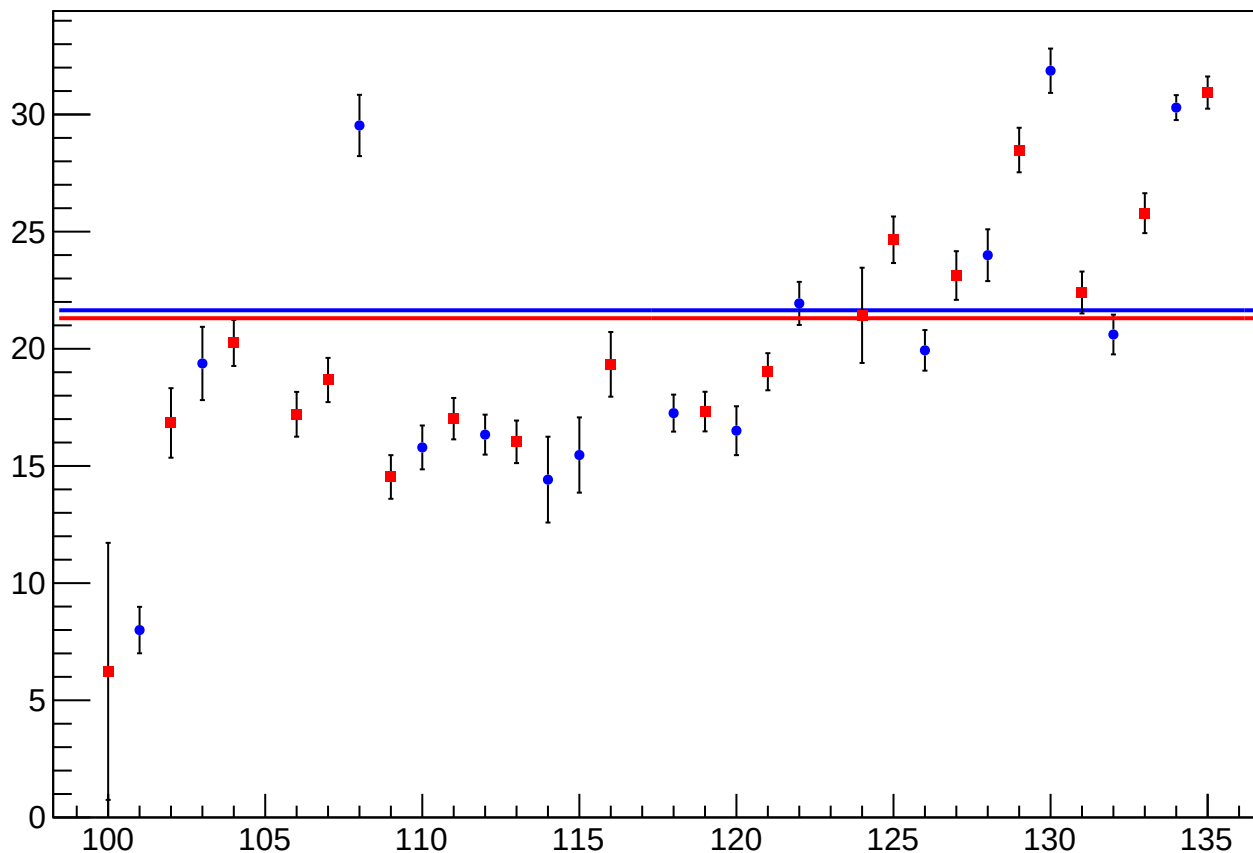
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -14.024 ± 0.160 $\chi^2/\text{NDF}: 1163.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_sam_37_dd_diff_bpm4eY_slope vs Slug



Right In: 21.644 $\pm$ 0.242 χ^2 /NDF: 782.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 21.305 $\pm$ 0.230 χ^2 /NDF: 484.0/17

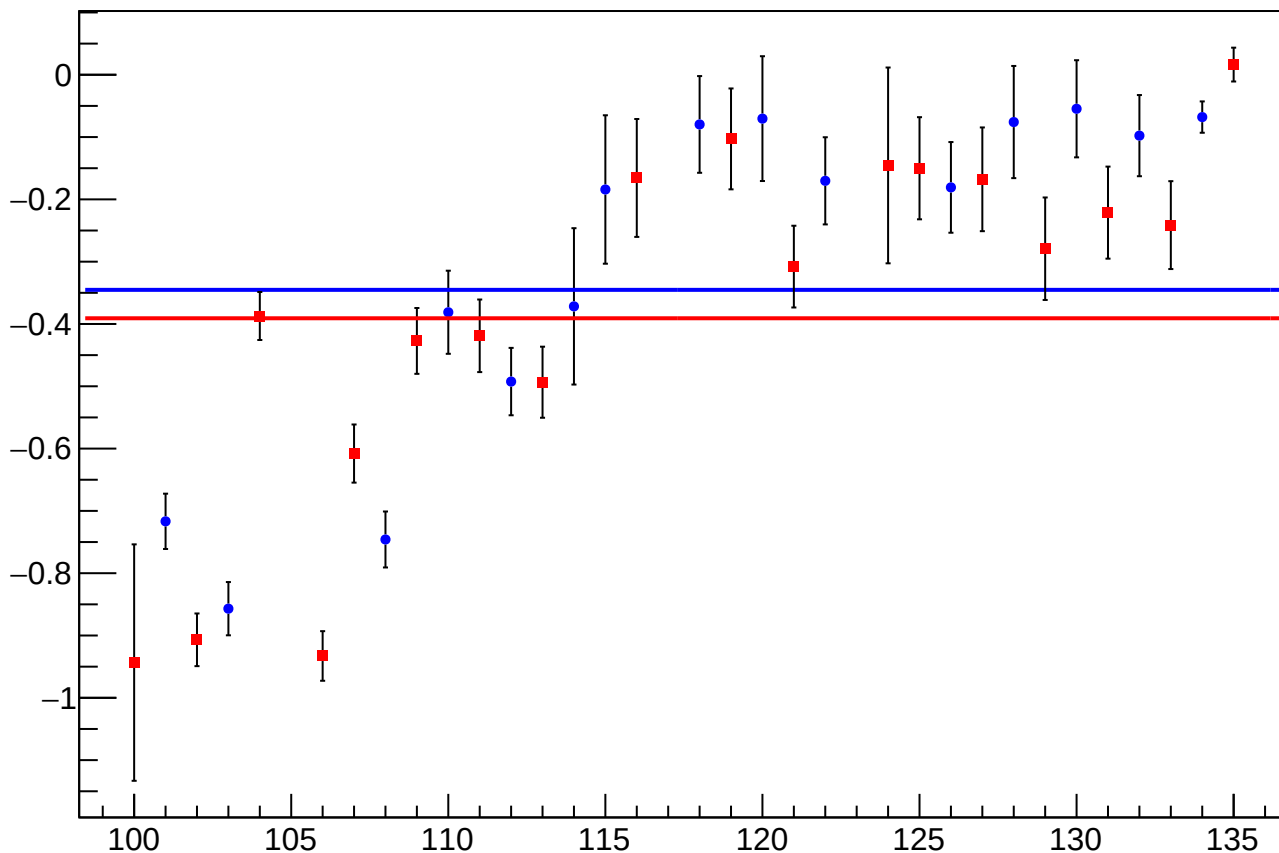
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 21.466 $\pm$ 0.167 χ^2 /NDF: 1267.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_dd_diff_bpm12X_slope vs Slug



Right In: -0.345+/-0.014 χ^2/NDF : 491.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.391+/-0.013 χ^2/NDF : 643.4/17

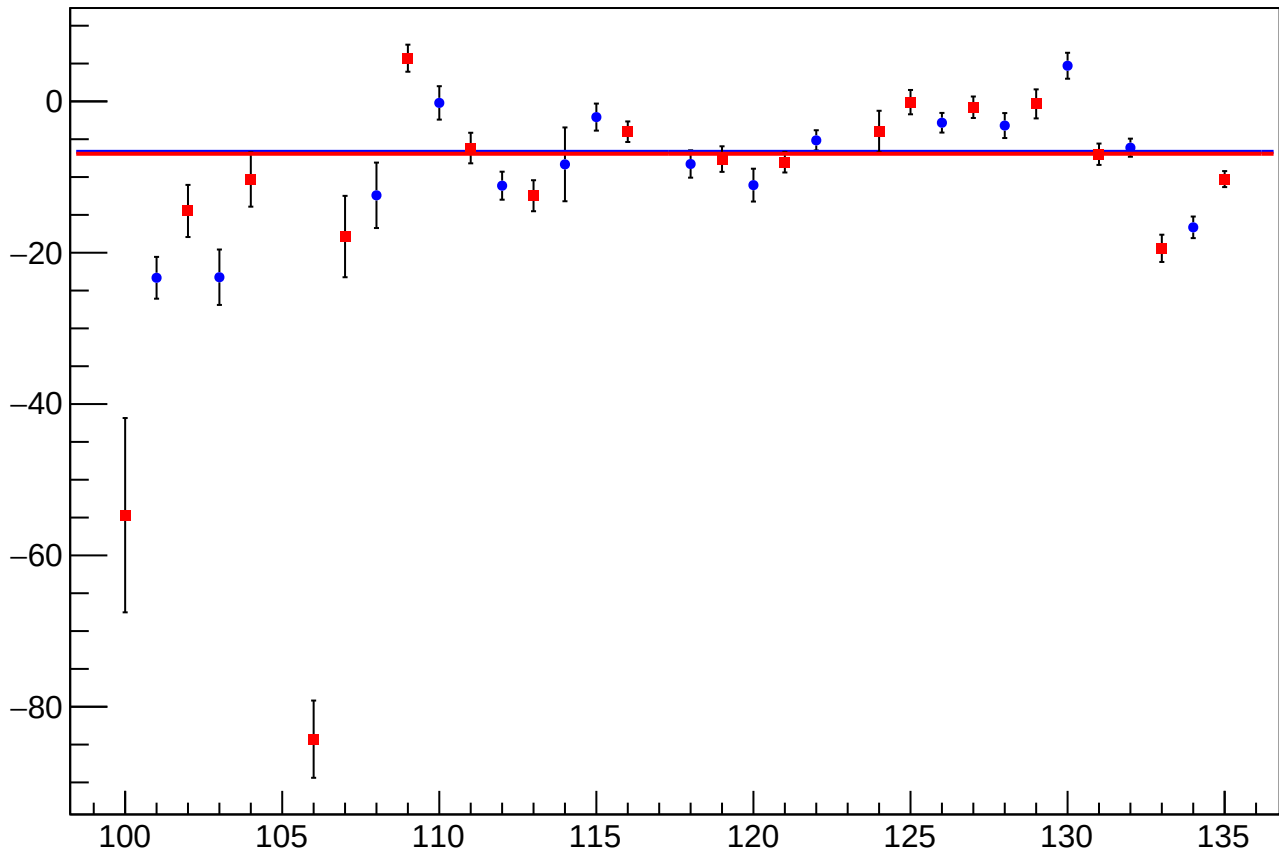
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.370+/-0.010 χ^2/NDF : 1141.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm1X_slope vs Slug



Right In: -6.669 $\pm$ 0.462 χ^2 /NDF: 192.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -6.922 $\pm$ 0.428 χ^2 /NDF: 424.2/17

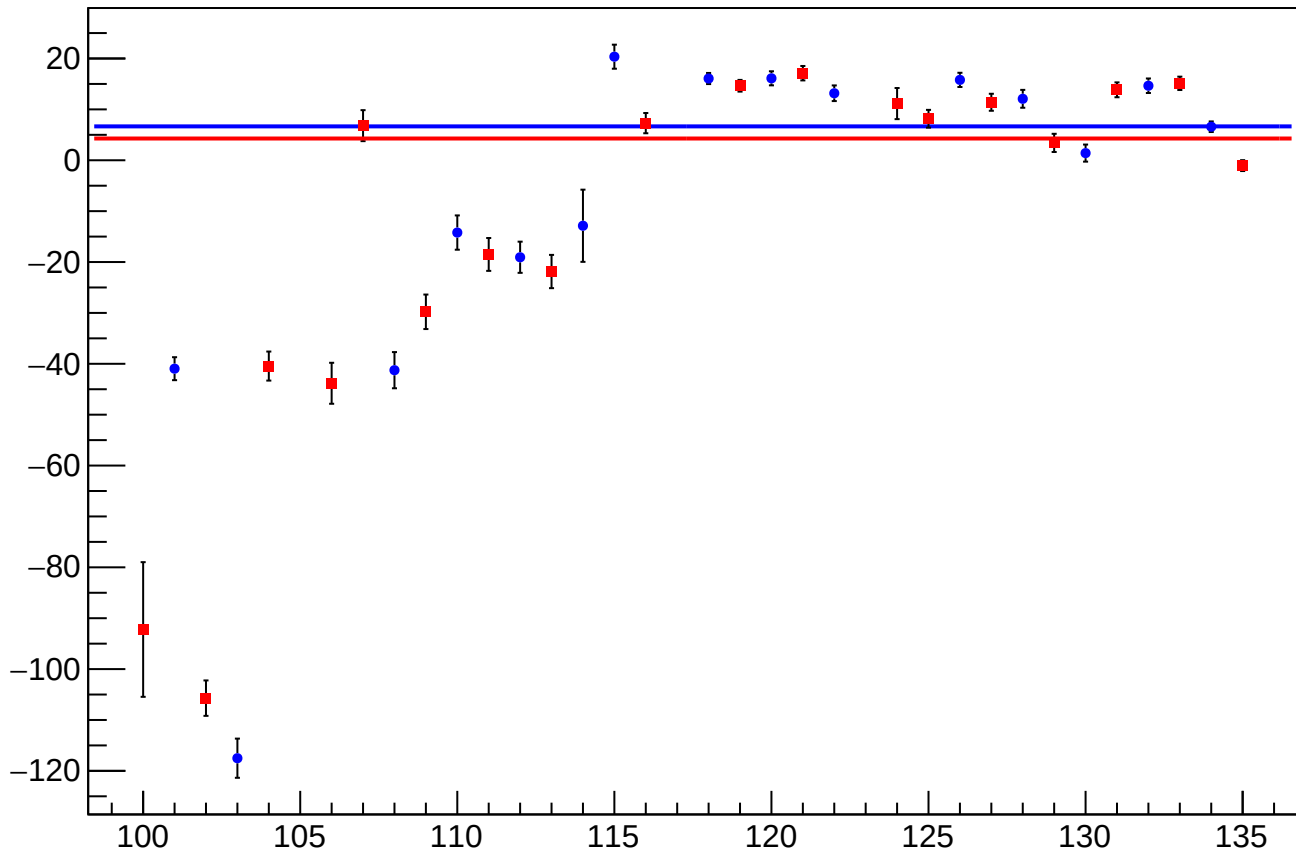
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.805 $\pm$ 0.314 χ^2 /NDF: 616.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4aY_slope vs Slug



Right In: 6.660 $\pm$ 0.441 χ^2 /NDF: 2048.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.275 $\pm$ 0.439 χ^2 /NDF: 1984.9/17

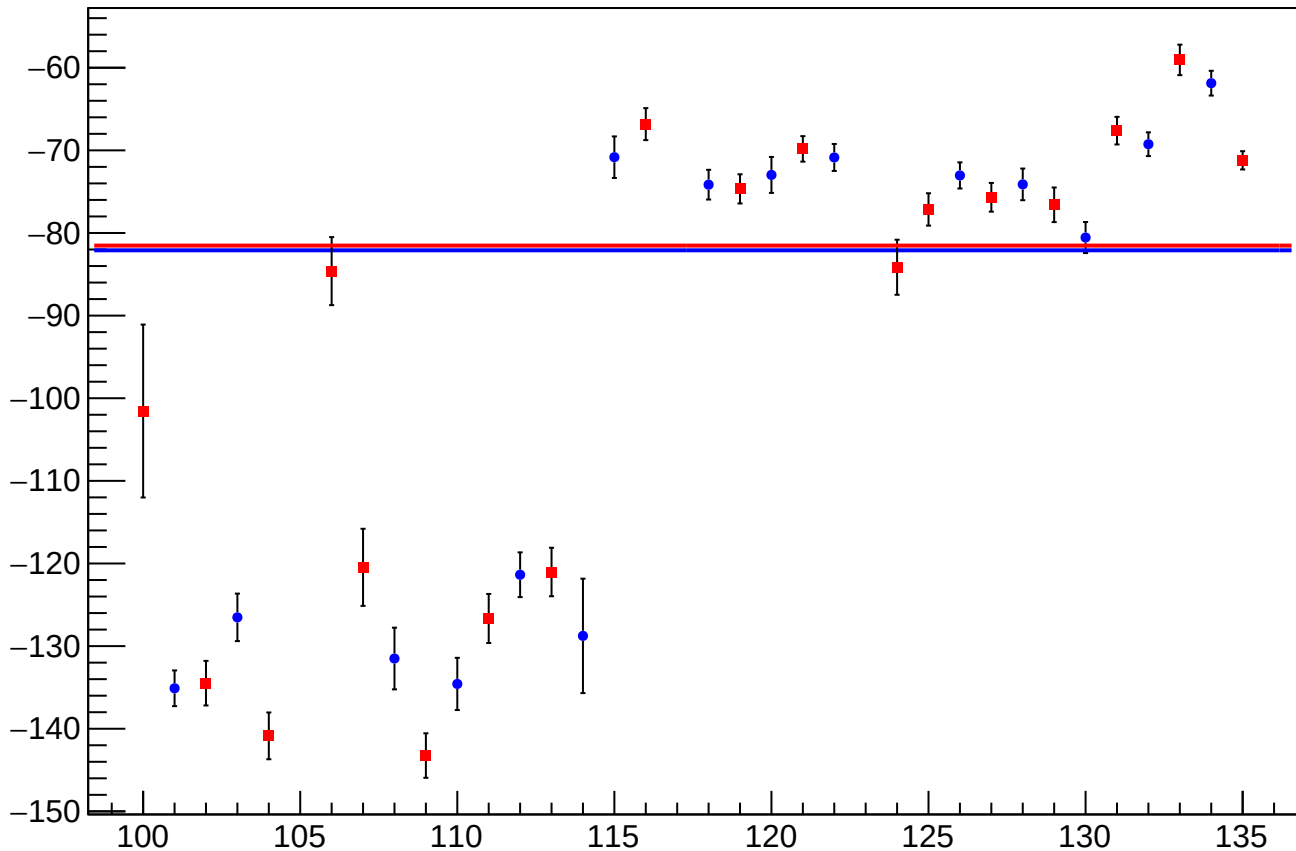
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.460 $\pm$ 0.311 χ^2 /NDF: 4048.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_avg_diff_bpm4eX_slope vs Slug



Right In: -82.097 ± 0.527 χ^2/NDF : 1963.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -81.526 ± 0.492 χ^2/NDF : 2293.2/17

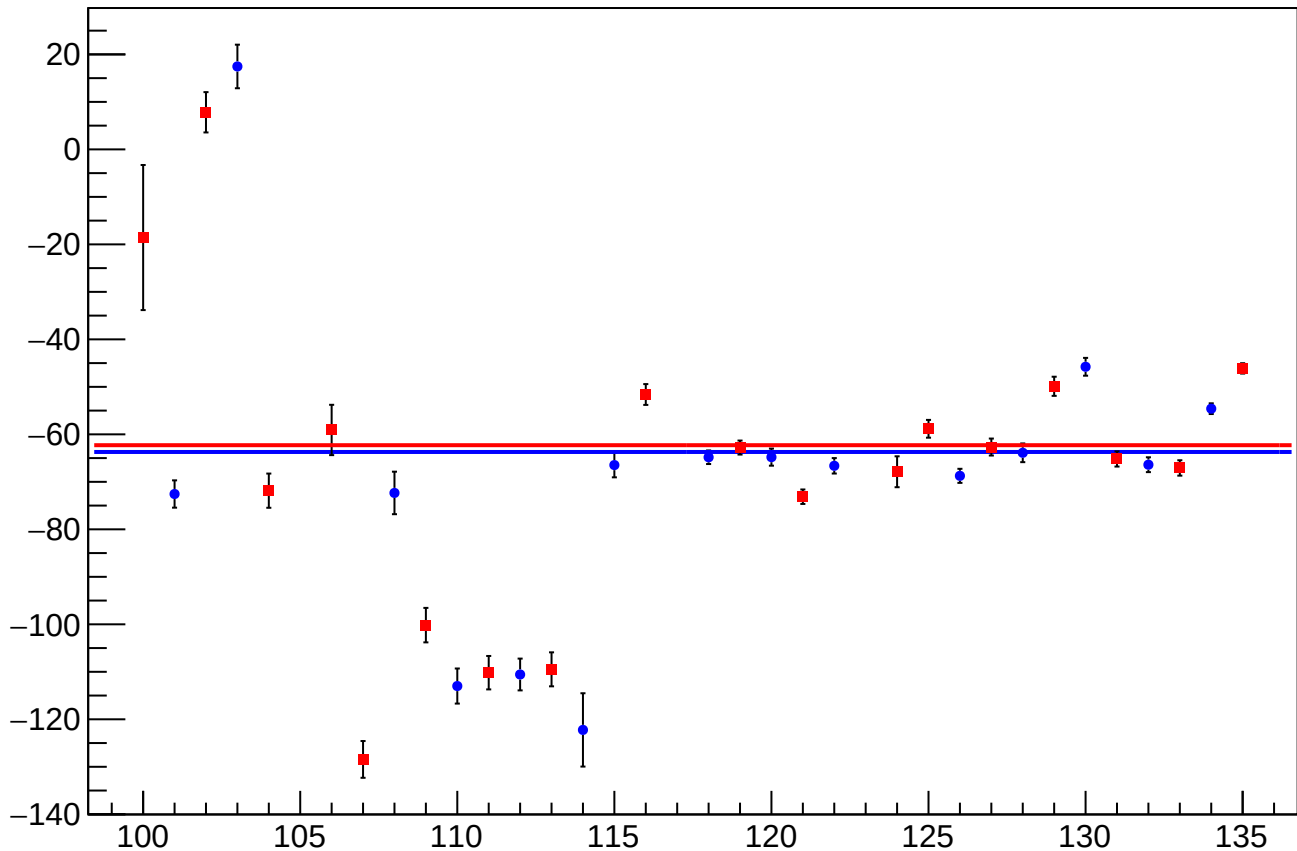
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -81.792 ± 0.360 χ^2/NDF : 4257.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm4eY_slope vs Slug



Right In: -63.712 ± 0.505 χ^2/NDF : 934.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -62.285 ± 0.492 χ^2/NDF : 1400.0/17

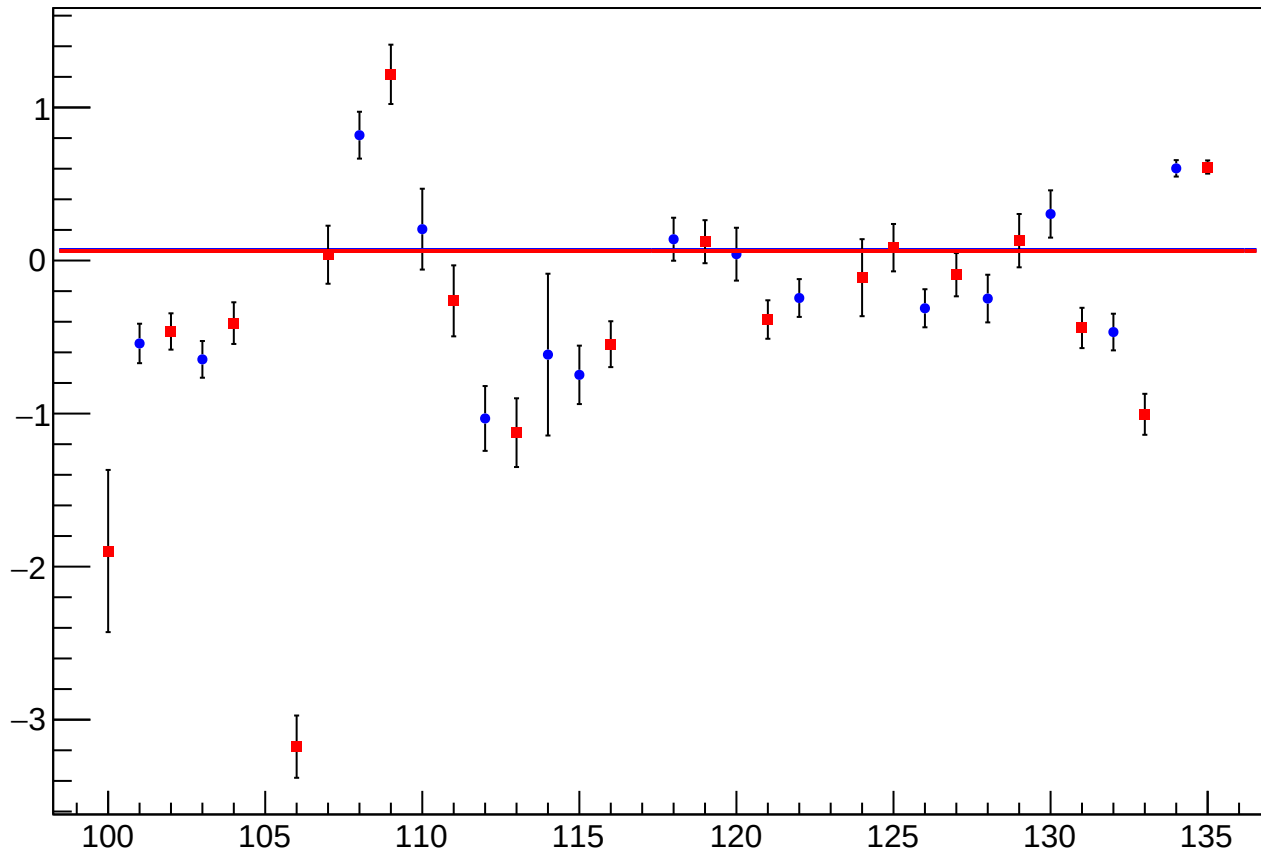
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -62.980 ± 0.353 χ^2/NDF : 2338.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_avg_diff_bpm12X_slope vs Slug



Right In: 0.069+/-0.032 χ^2/NDF : 270.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.062+/-0.029 χ^2/NDF : 635.7/17

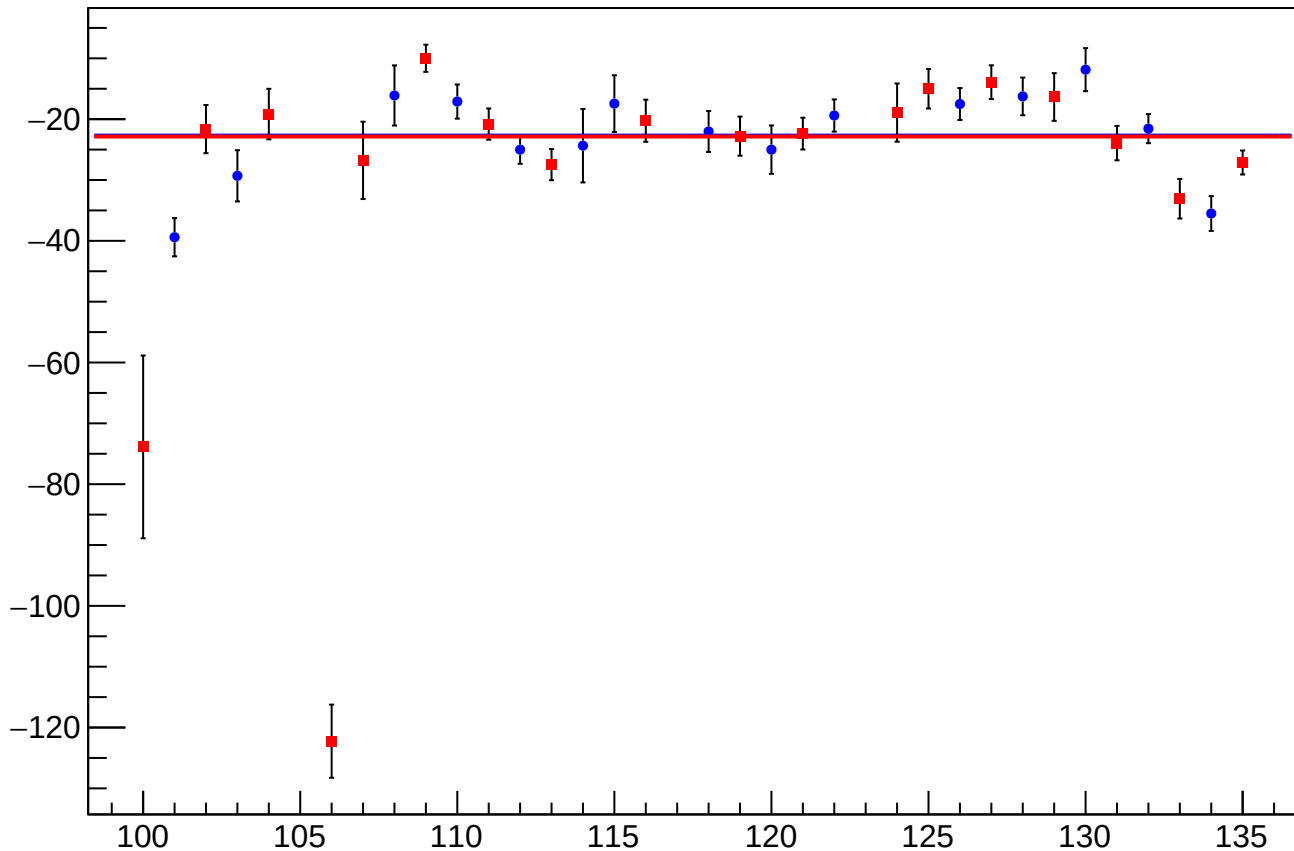
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.065+/-0.022 χ^2/NDF : 906.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm1X_slope vs Slug



Right In: -22.704 $\pm$ 0.816 χ^2 /NDF: 78.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.852 $\pm$ 0.741 χ^2 /NDF: 357.9/17

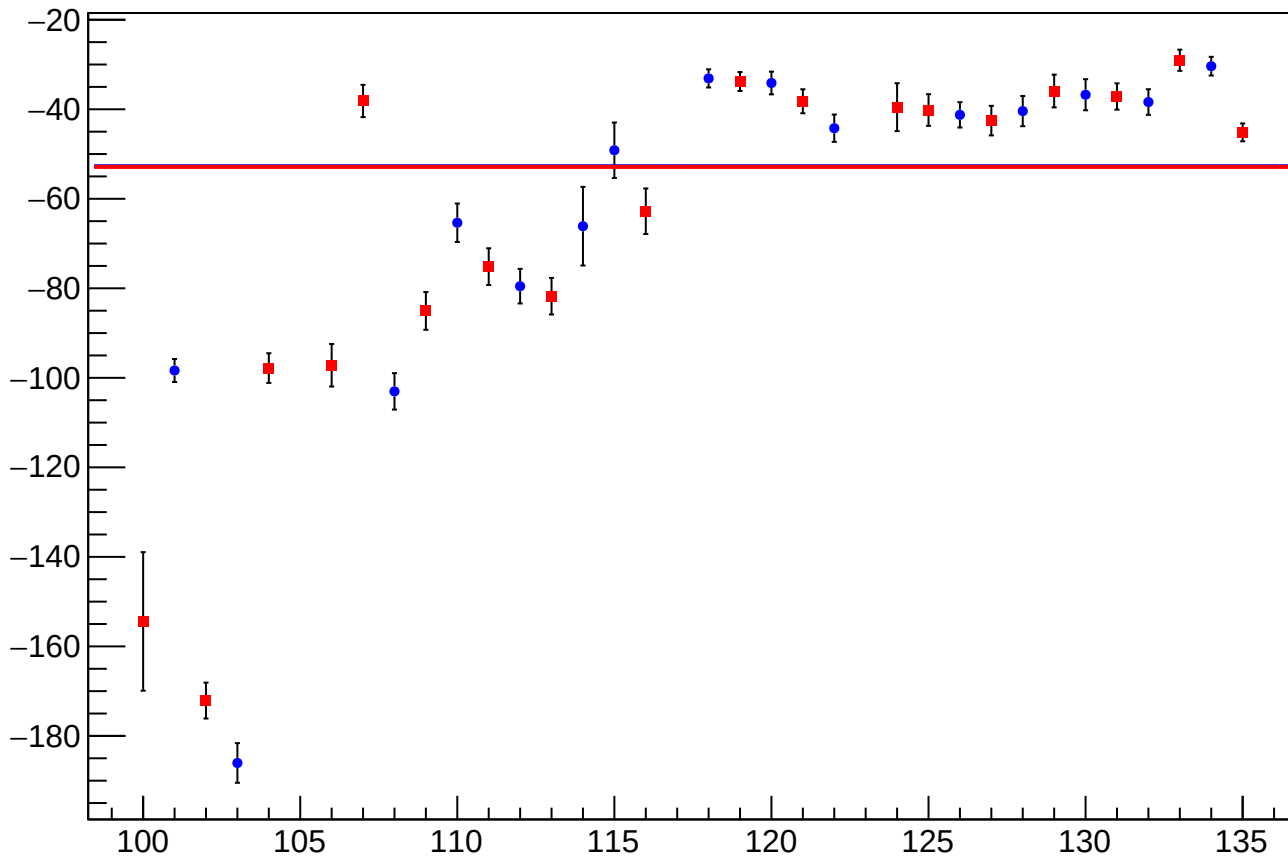
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.785 $\pm$ 0.549 χ^2 /NDF: 436.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4aY_slope vs Slug



Right In: -52.722 $\pm$ 0.797 χ^2 /NDF: 1776.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -52.872 $\pm$ 0.771 χ^2 /NDF: 1662.0/17

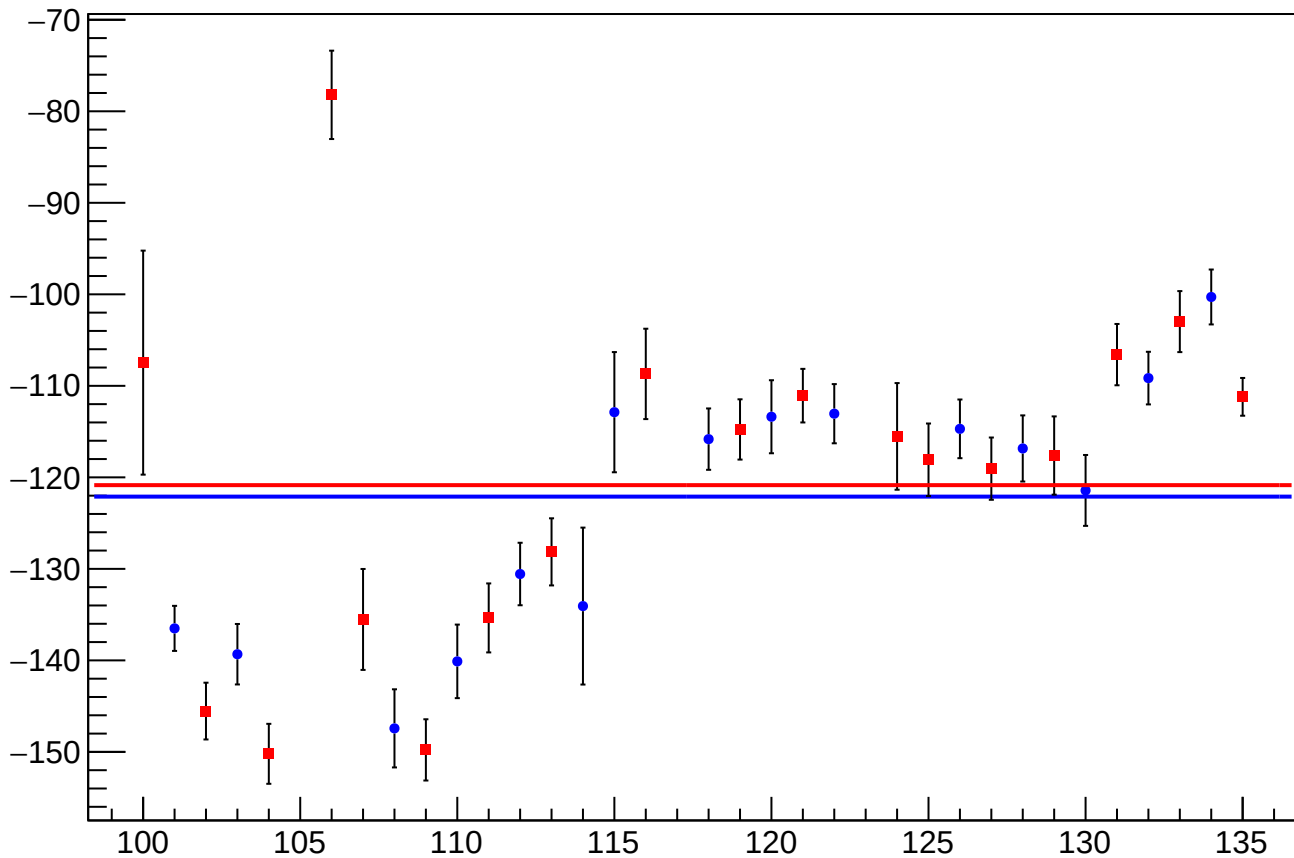
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -52.799 $\pm$ 0.554 χ^2 /NDF: 3438.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm4eX_slope vs Slug



Right In: -122.105+/-0.907 χ^2/NDF : 223.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -120.851+/-0.842 χ^2/NDF : 415.0/17

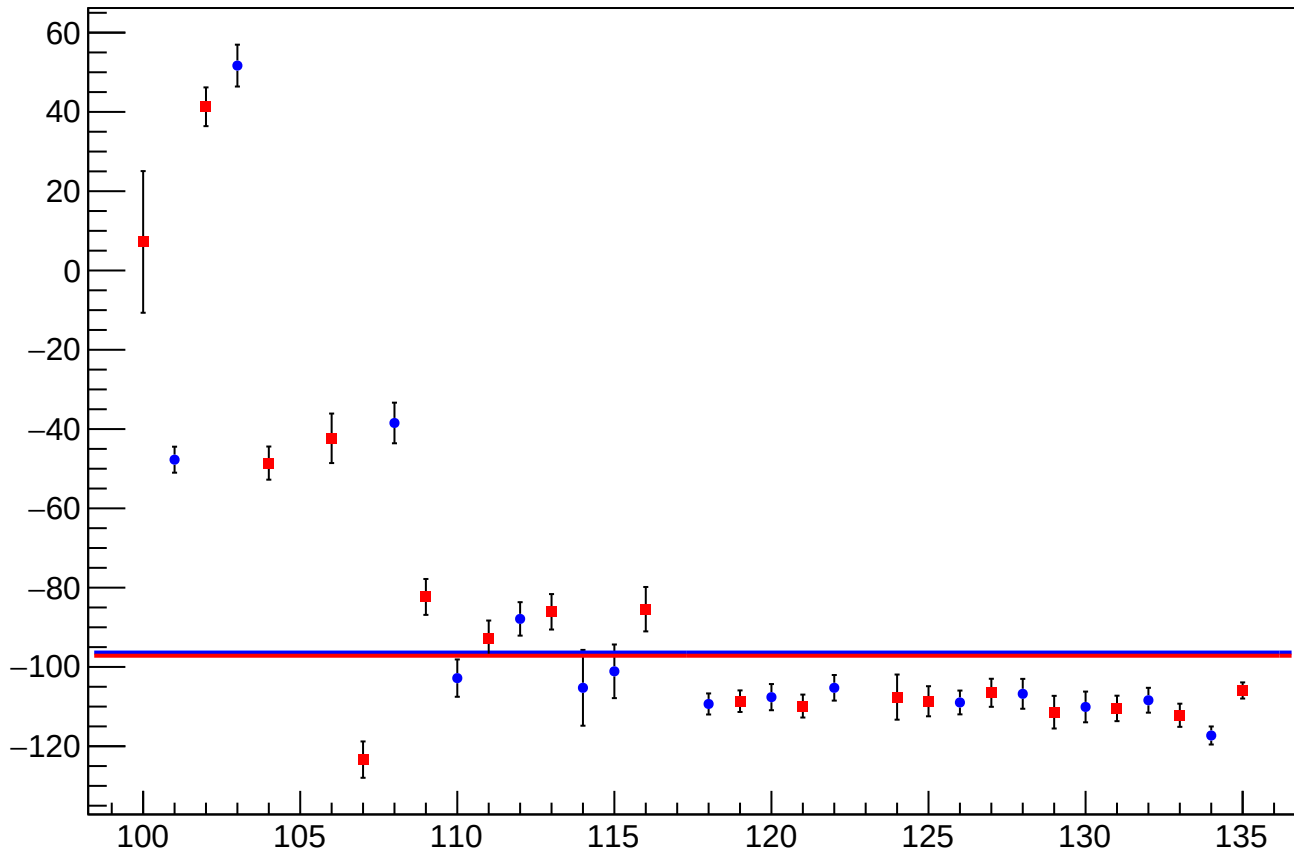
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -121.431+/-0.617 χ^2/NDF : 639.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_dd_diff_bpm4eY_slope vs Slug



Right In: -96.370 $\pm$ 0.923 χ^2 /NDF: 1321.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -97.171 $\pm$ 0.875 χ^2 /NDF: 1234.5/17

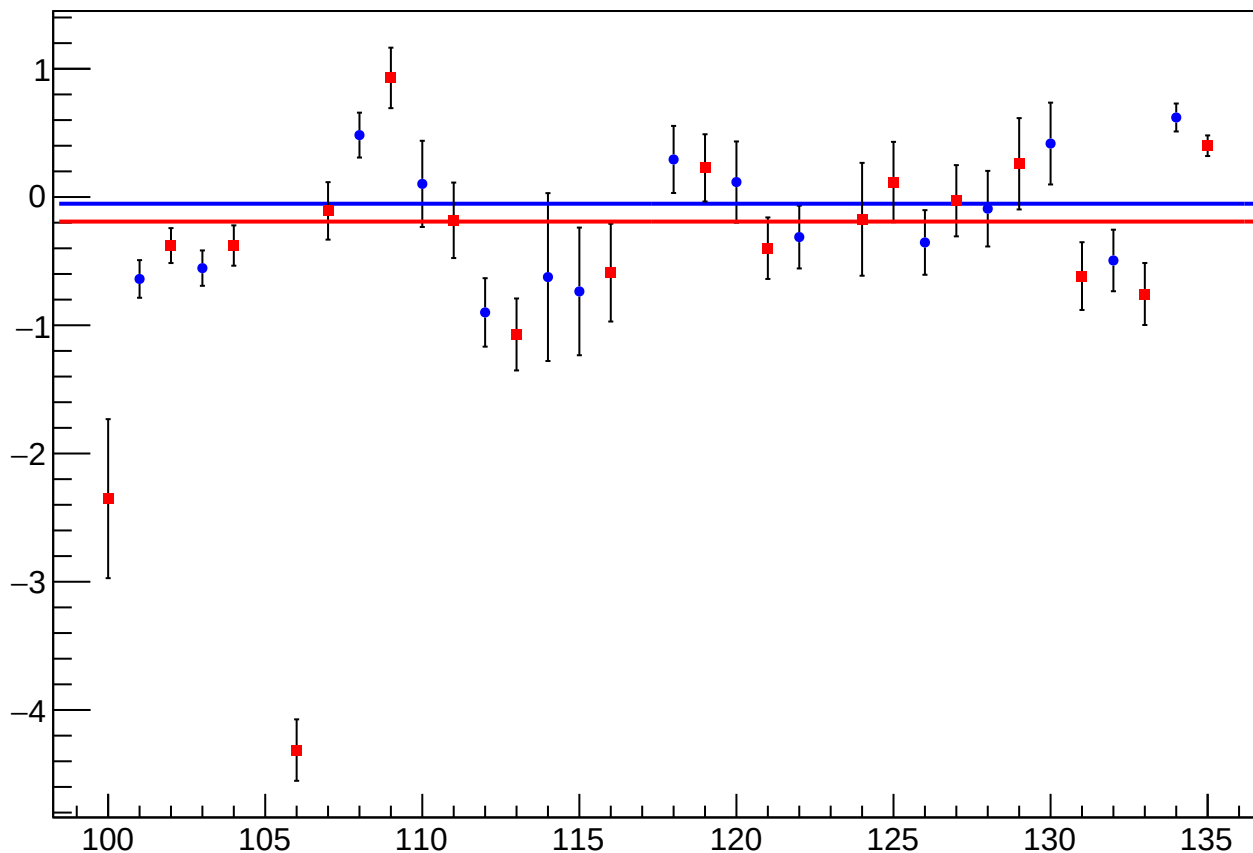
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -96.792 $\pm$ 0.635 χ^2 /NDF: 2556.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.052 ± 0.054 χ^2/NDF : 99.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.191 ± 0.048 χ^2/NDF : 413.3/17

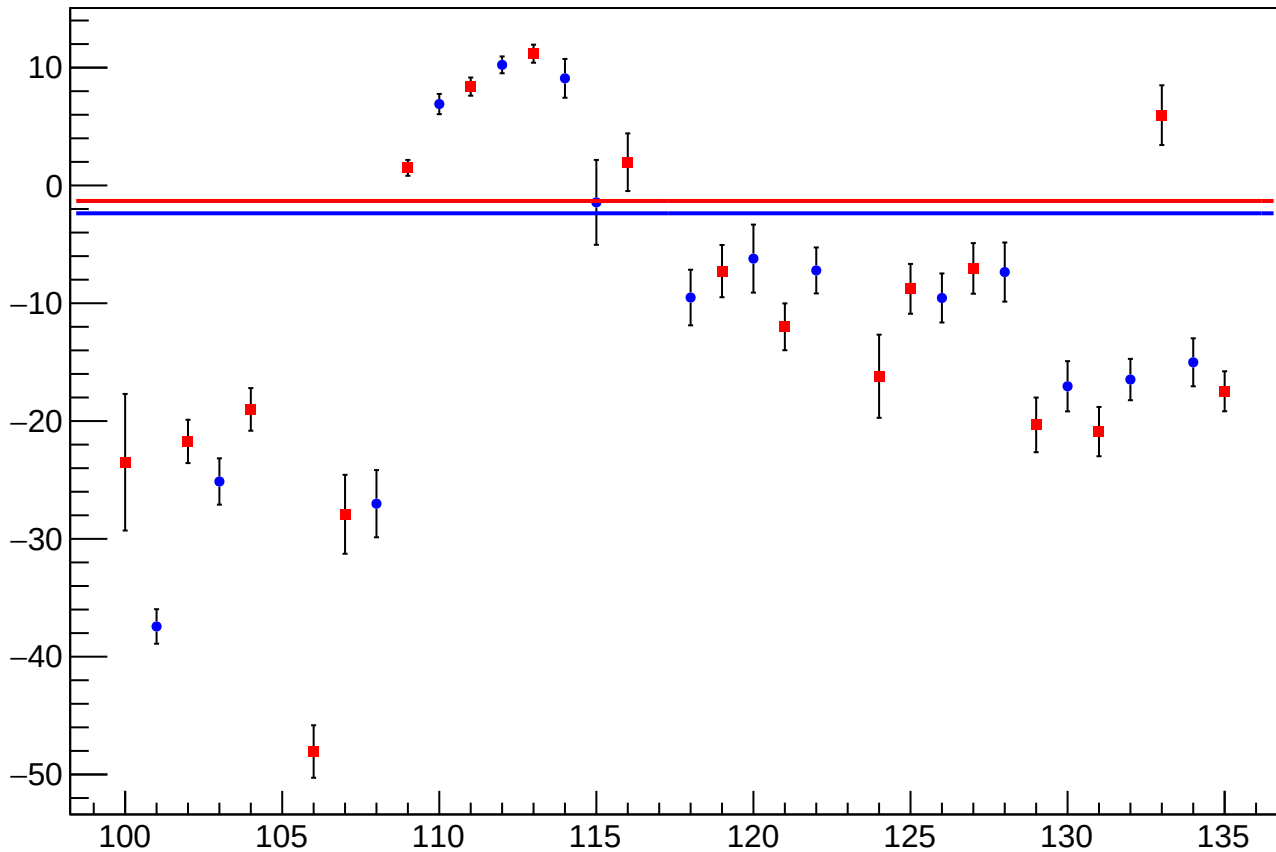
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.130 ± 0.036 χ^2/NDF : 516.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm1X_slope vs Slug



Right In: -2.365+/-0.397 χ^2 /NDF: 1442.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -1.318+/-0.342 χ^2 /NDF: 1506.4/17

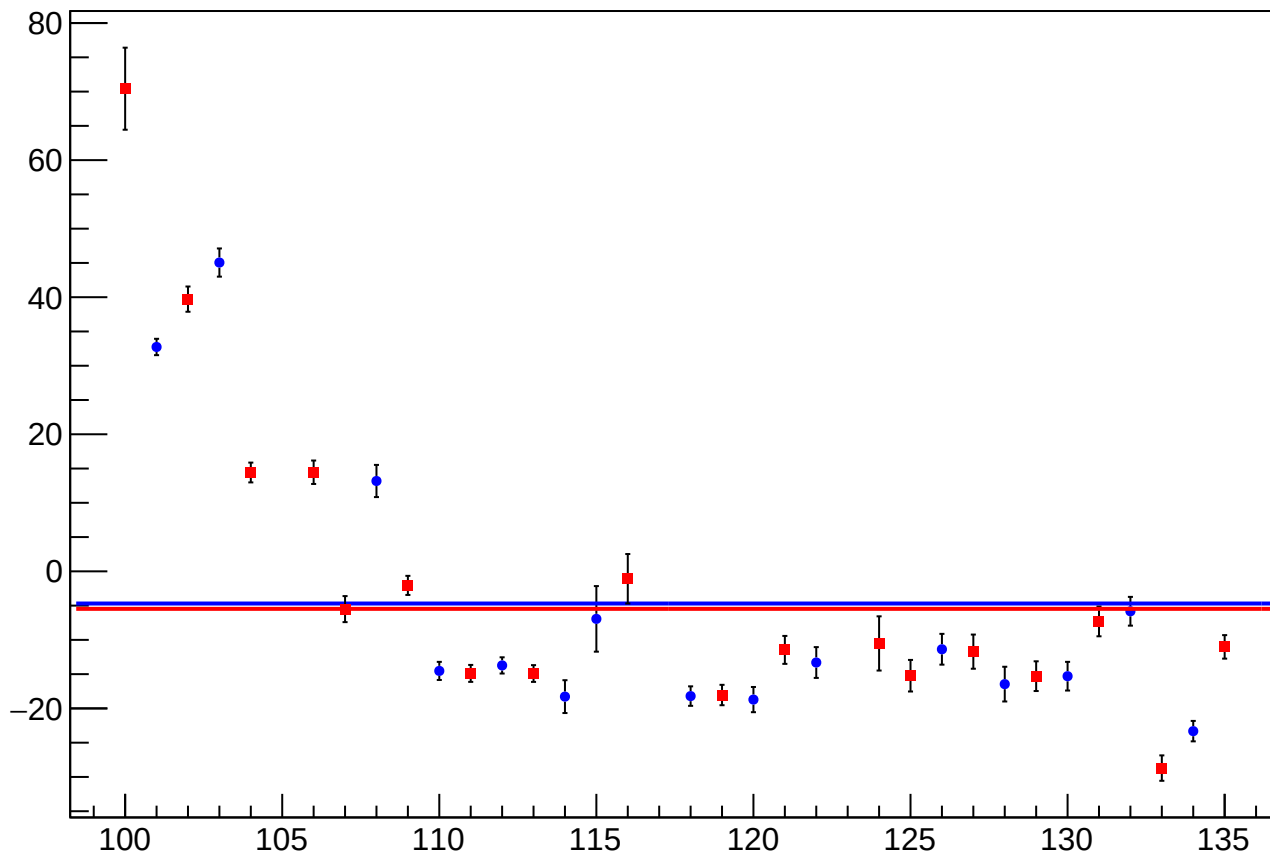
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -1.763+/-0.259 χ^2 /NDF: 2952.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4aY_slope vs Slug



Right In: -4.696 $\pm$ 0.453 χ^2 /NDF: 2147.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.473 $\pm$ 0.426 χ^2 /NDF: 1508.5/17

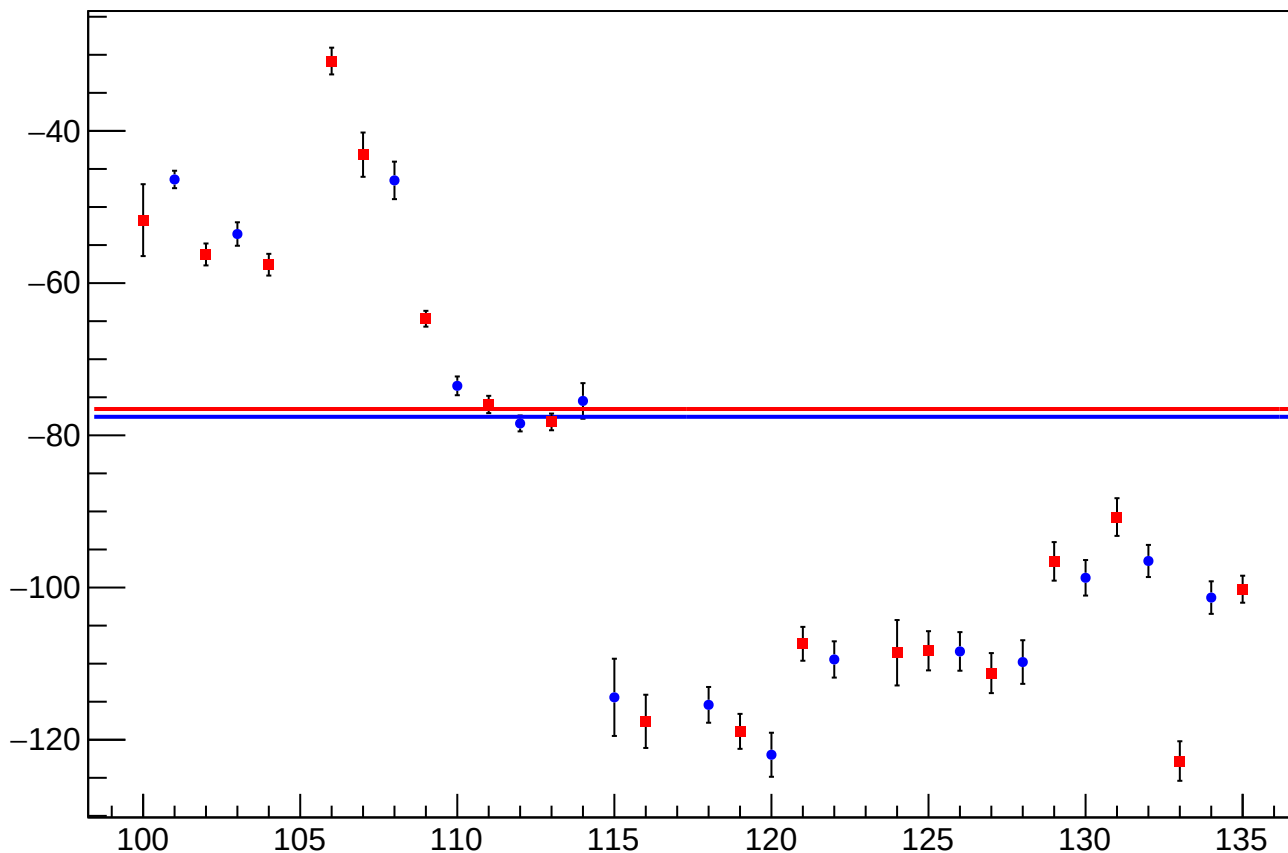
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.108 $\pm$ 0.311 χ^2 /NDF: 3658.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm4eX_slope vs Slug



Right In: -77.565 ± 0.470 χ^2/NDF : 2441.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -76.539 ± 0.423 χ^2/NDF : 2986.2/17

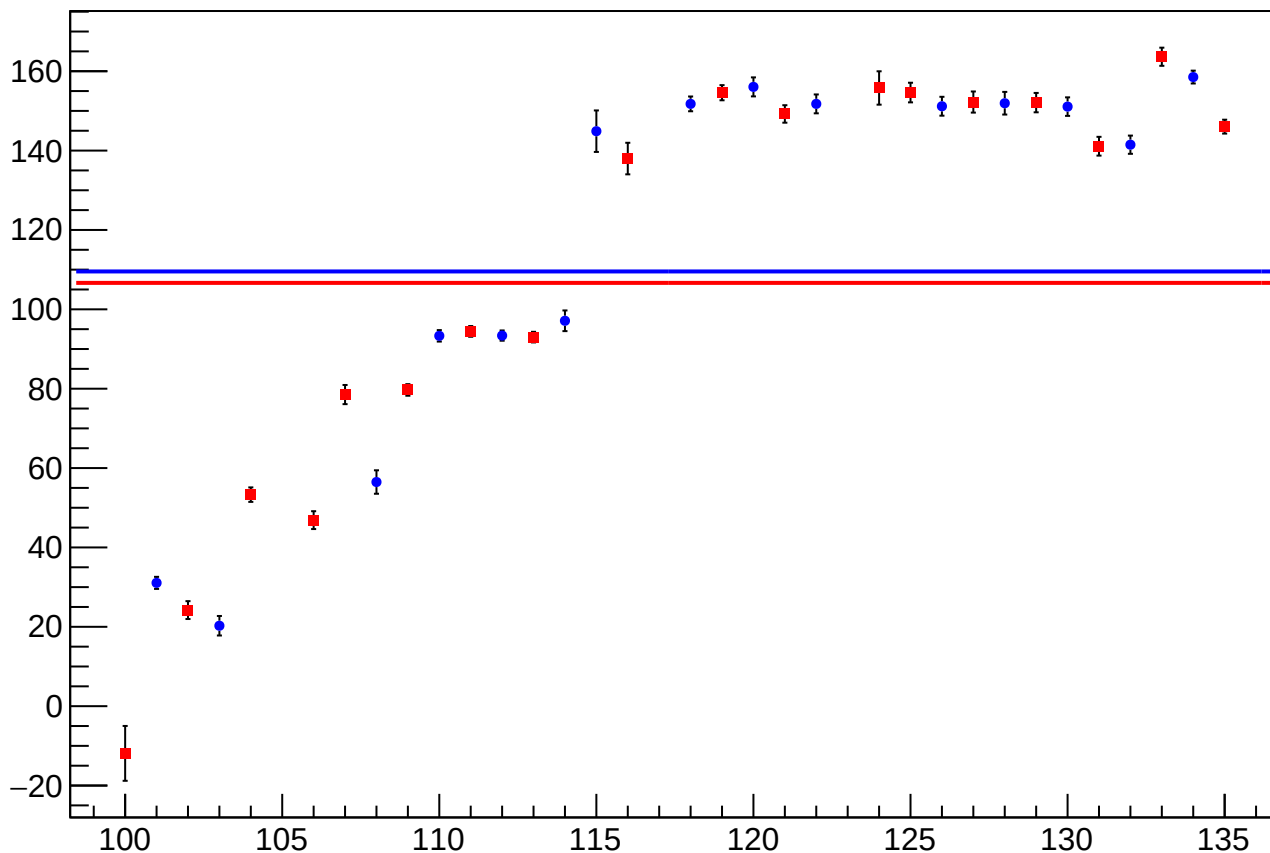
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -76.998 ± 0.314 χ^2/NDF : 5429.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_avg_diff_bpm4eY_slope vs Slug



Right In: 109.545 $\pm$ 0.522 χ^2 /NDF: 7816.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 106.664 $\pm$ 0.486 χ^2 /NDF: 7424.4/17

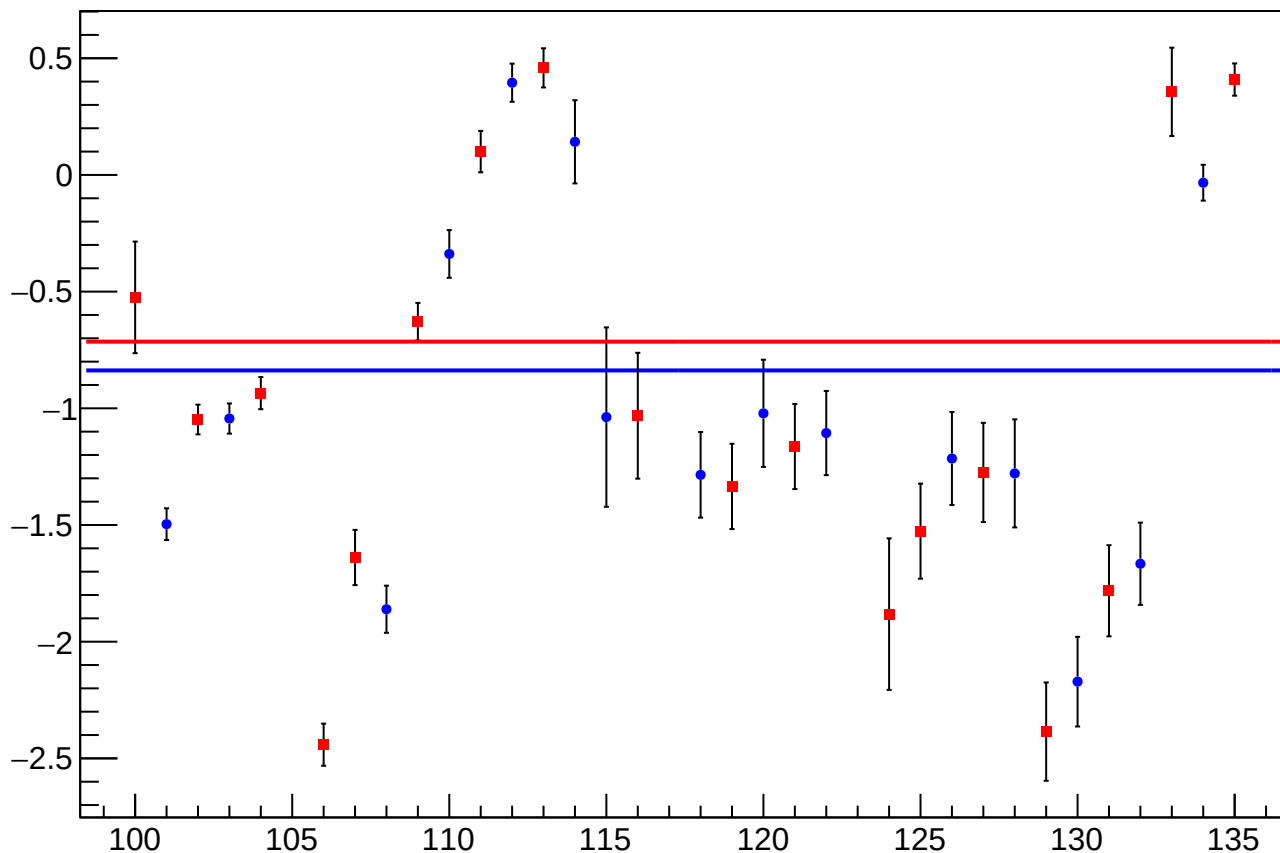
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 108.000 $\pm$ 0.356 χ^2 /NDF: 15257.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_avg_diff_bpm12X_slope vs Slug



Right In: -0.838 ± 0.029 χ^2/NDF : 685.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.714 ± 0.026 χ^2/NDF : 1190.2/17

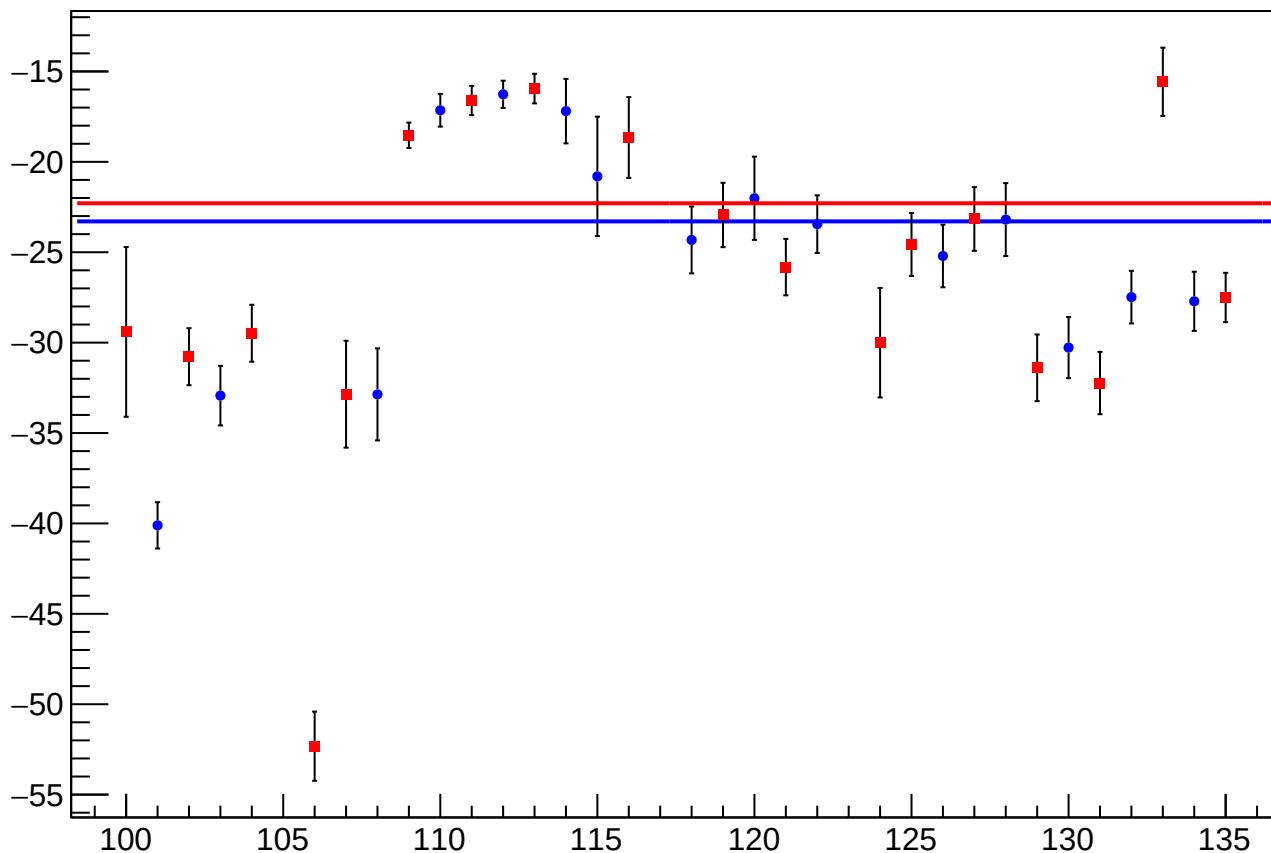
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.769 ± 0.019 χ^2/NDF : 1885.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm1X_slope vs Slug



Right In: -23.294 $\pm$ 0.373 χ^2 /NDF: 401.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -22.292 $\pm$ 0.326 χ^2 /NDF: 550.3/17

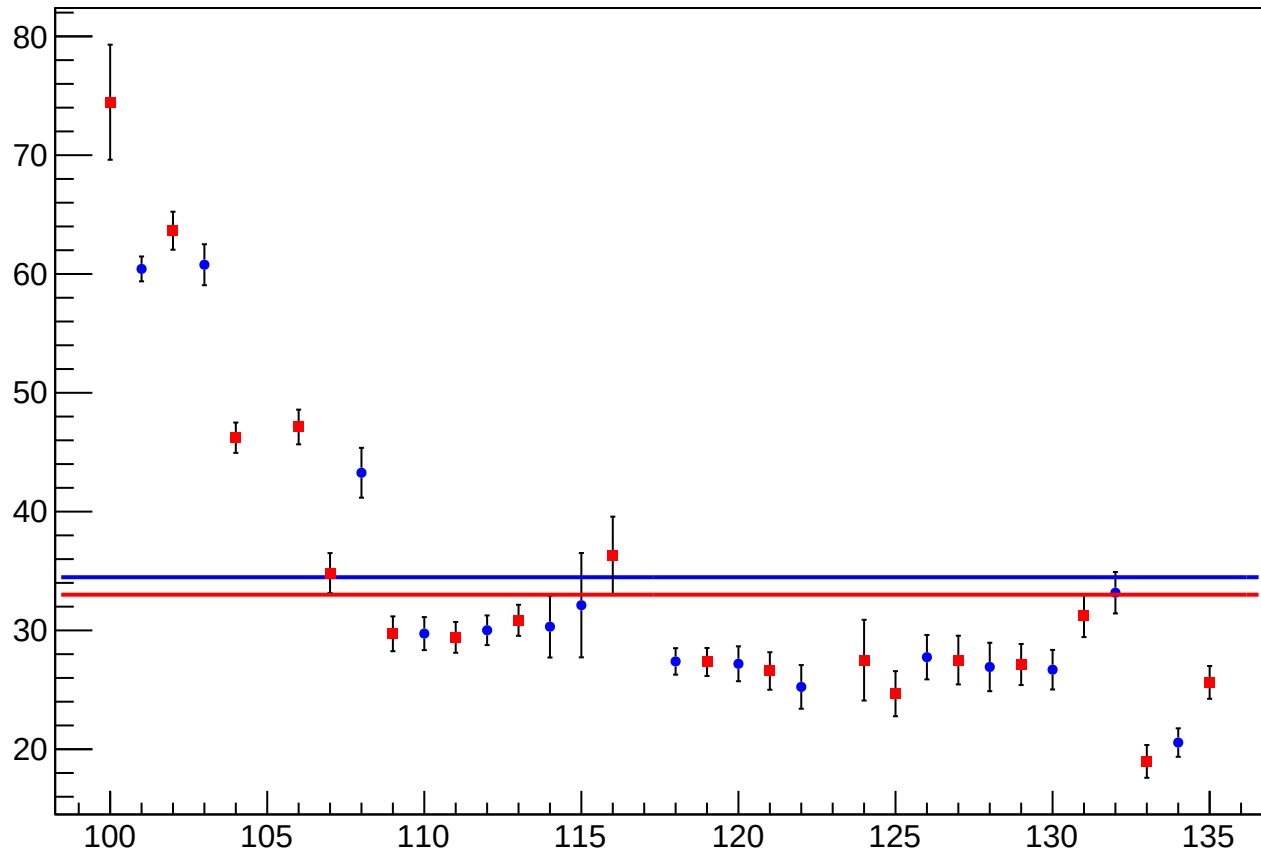
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -22.725 $\pm$ 0.245 χ^2 /NDF: 955.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4aY_slope vs Slug



Right In: 34.477 $\pm$ 0.398 χ^2 /NDF: 1166.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 33.007 $\pm$ 0.377 χ^2 /NDF: 872.3/17

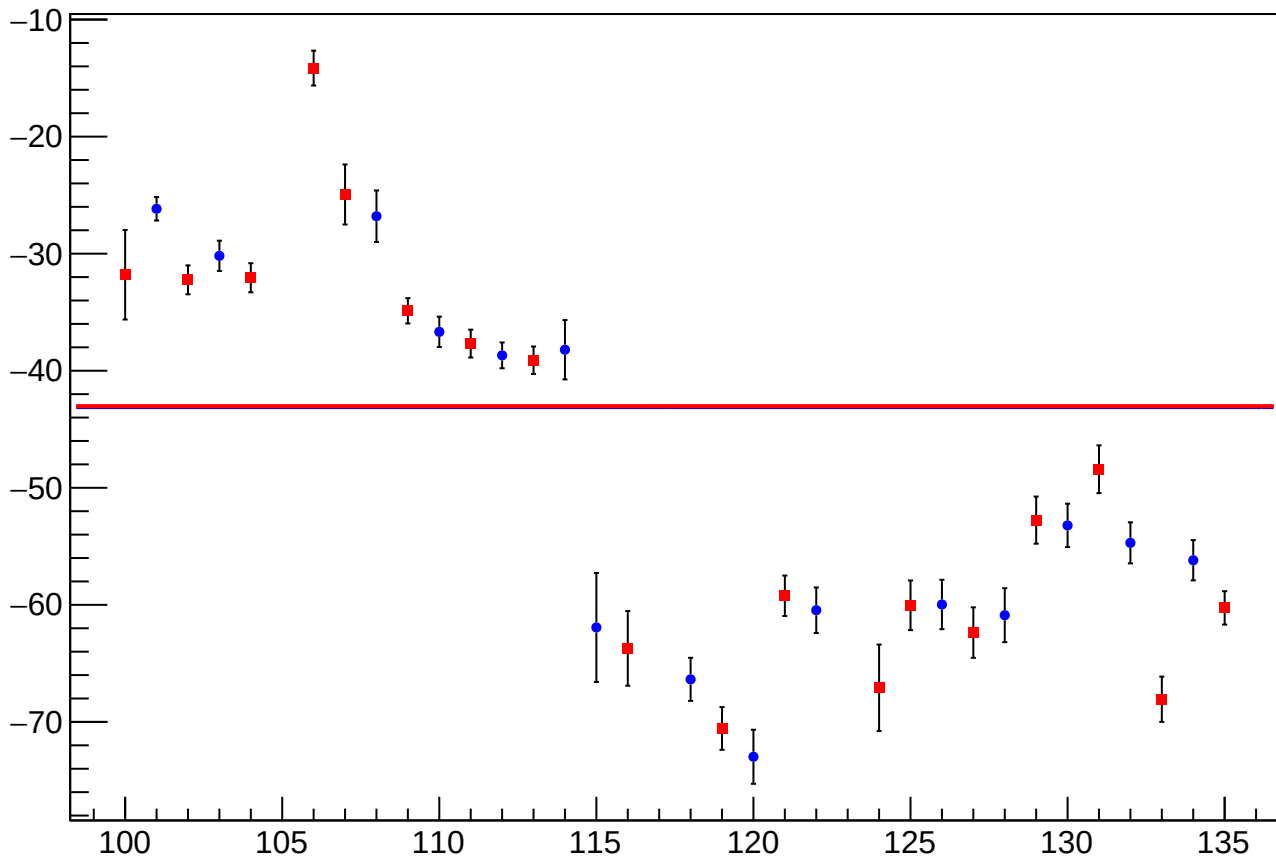
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 33.702 $\pm$ 0.274 χ^2 /NDF: 2045.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm4eX_slope vs Slug



Right In: -43.104 ± 0.425 χ^2/NDF : 1163.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -43.022 ± 0.385 χ^2/NDF : 1565.1/17

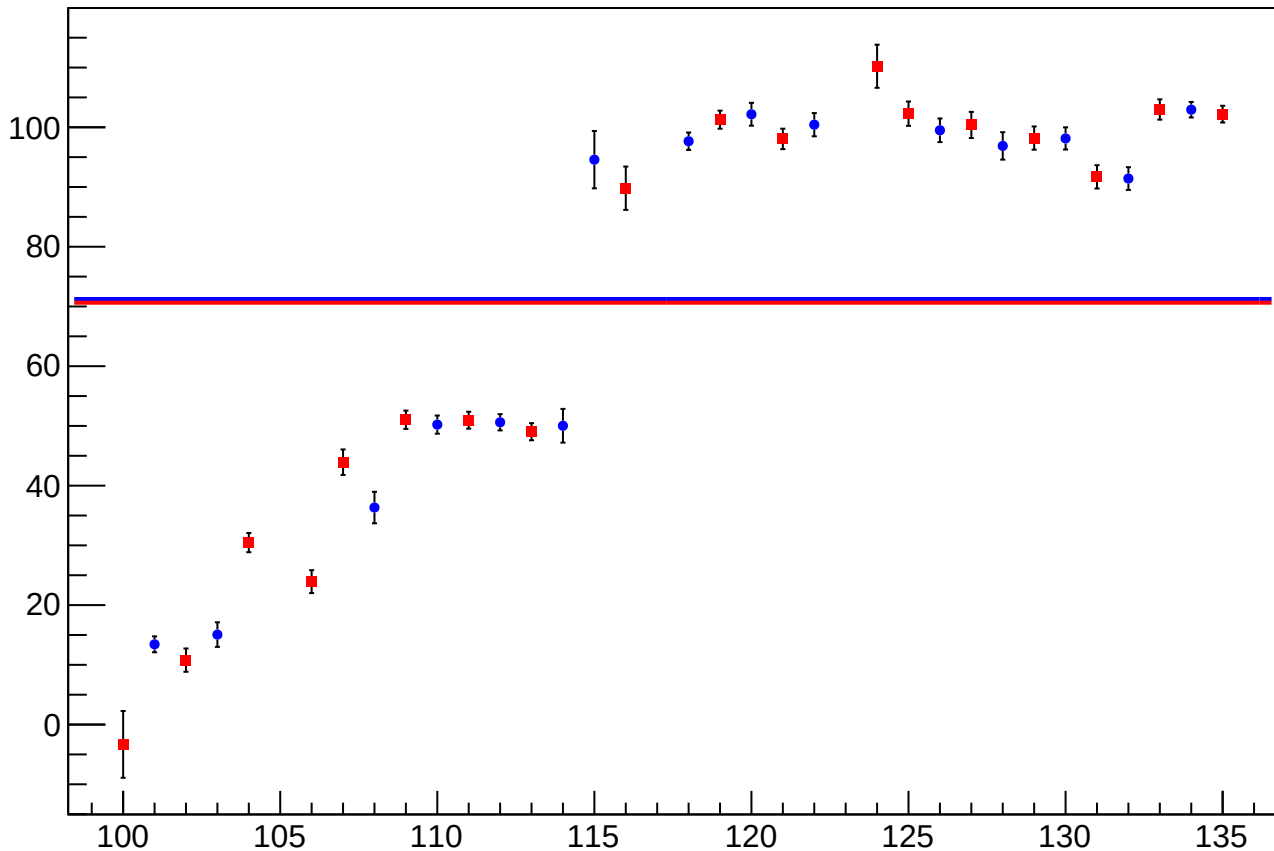
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -43.059 ± 0.285 χ^2/NDF : 2728.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_48_dd_diff_bpm4eY_slope vs Slug



Right In: 71.253+/-0.462 χ^2 /NDF: 5359.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 70.631+/-0.432 χ^2 /NDF: 5506.0/17

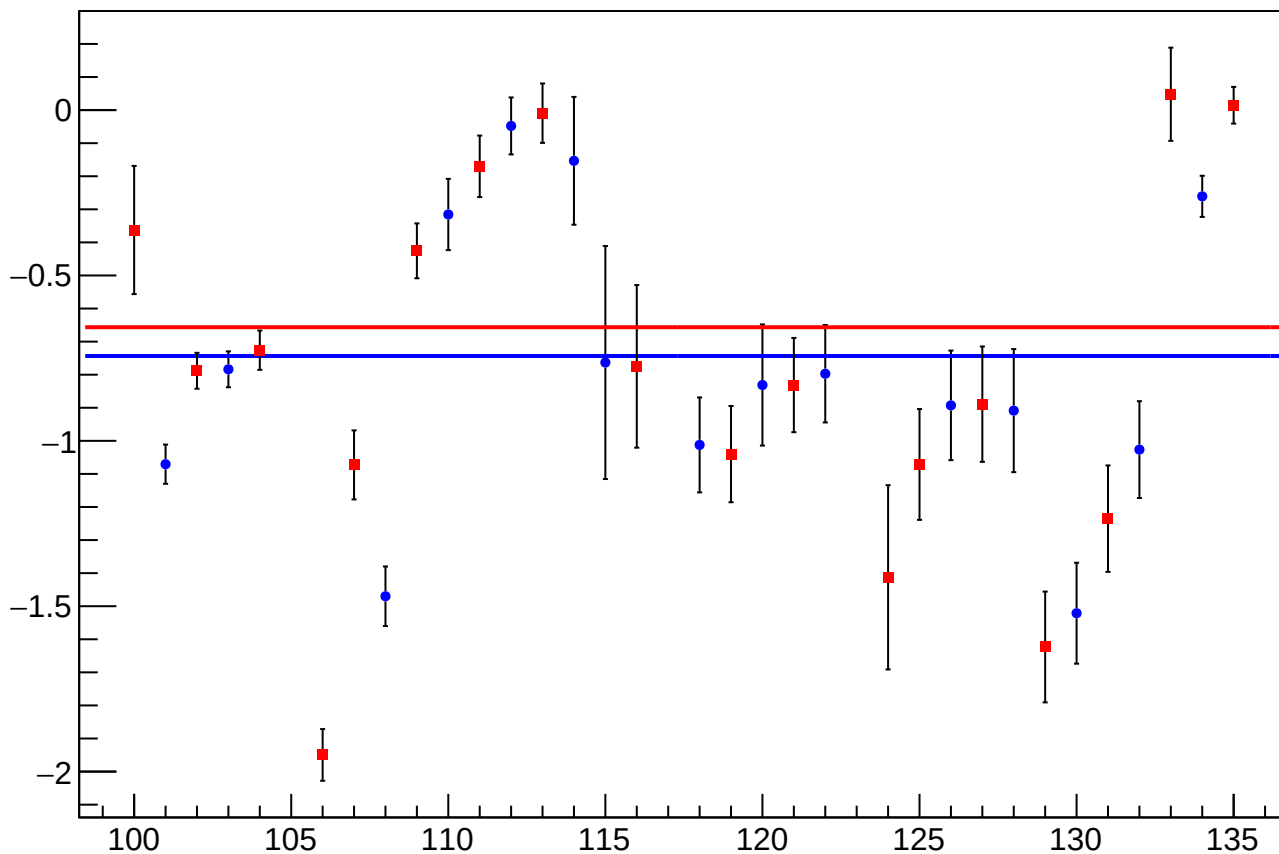
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 70.921+/-0.316 χ^2 /NDF: 10866.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_48_dd_diff_bpm12X_slope vs Slug



Right In: -0.743 ± 0.025 χ^2/NDF : 281.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.656 ± 0.023 χ^2/NDF : 627.5/17

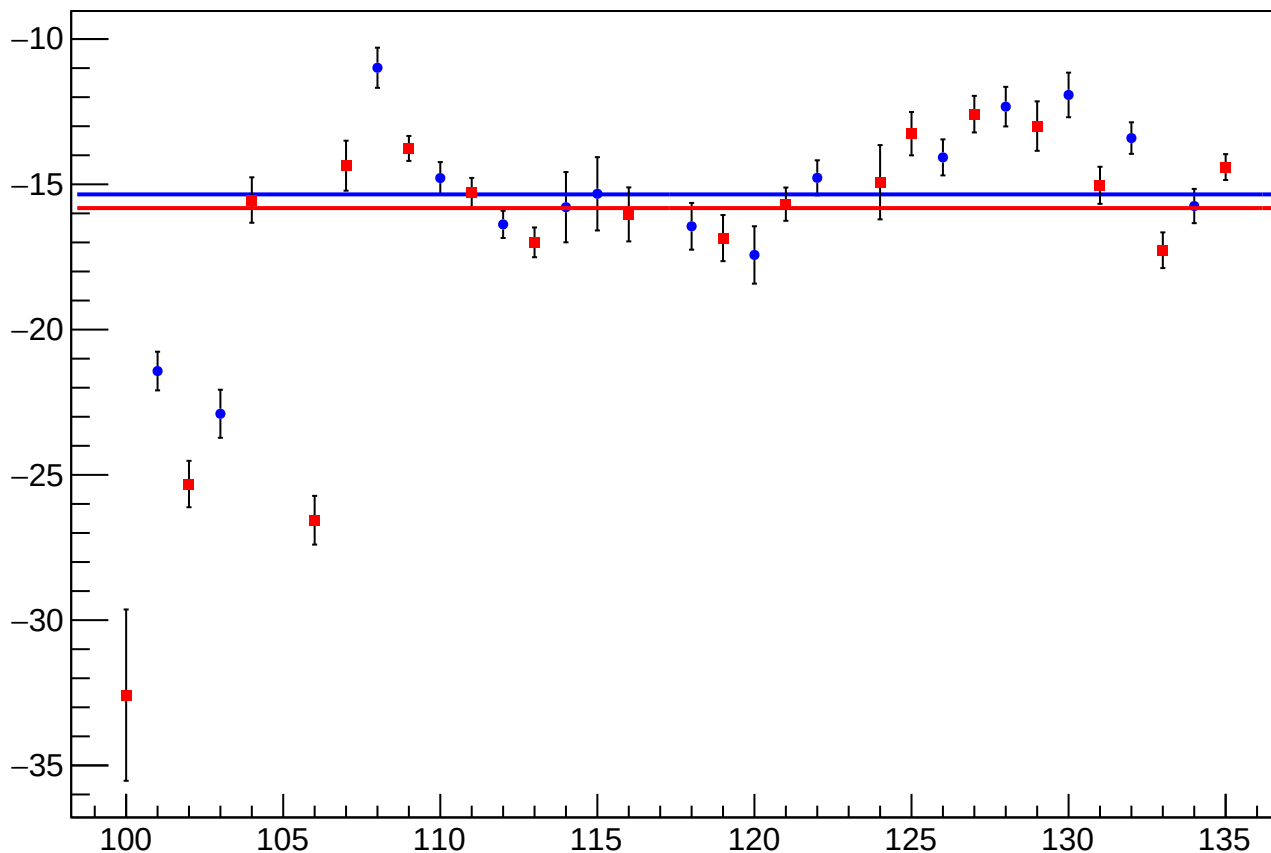
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.695 ± 0.017 χ^2/NDF : 915.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm1X_slope vs Slug



Right In: -15.346 $\pm$ 0.174 χ^2 /NDF: 276.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -15.818 $\pm$ 0.155 χ^2 /NDF: 438.8/17

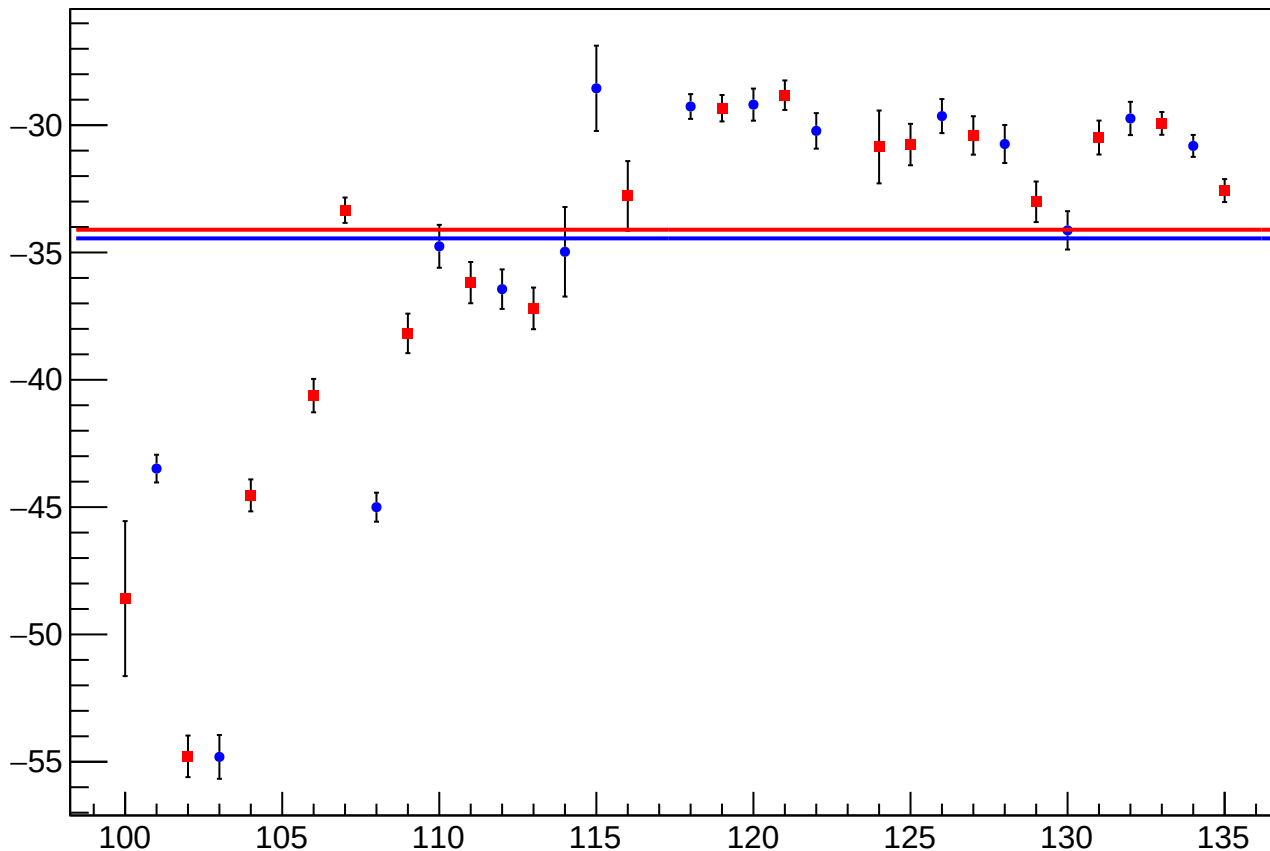
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -15.609 $\pm$ 0.116 χ^2 /NDF: 719.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4aY_slope vs Slug



Right In: -34.447 ± 0.172 χ^2/NDF : 1617.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -34.106 ± 0.158 χ^2/NDF : 1434.8/17

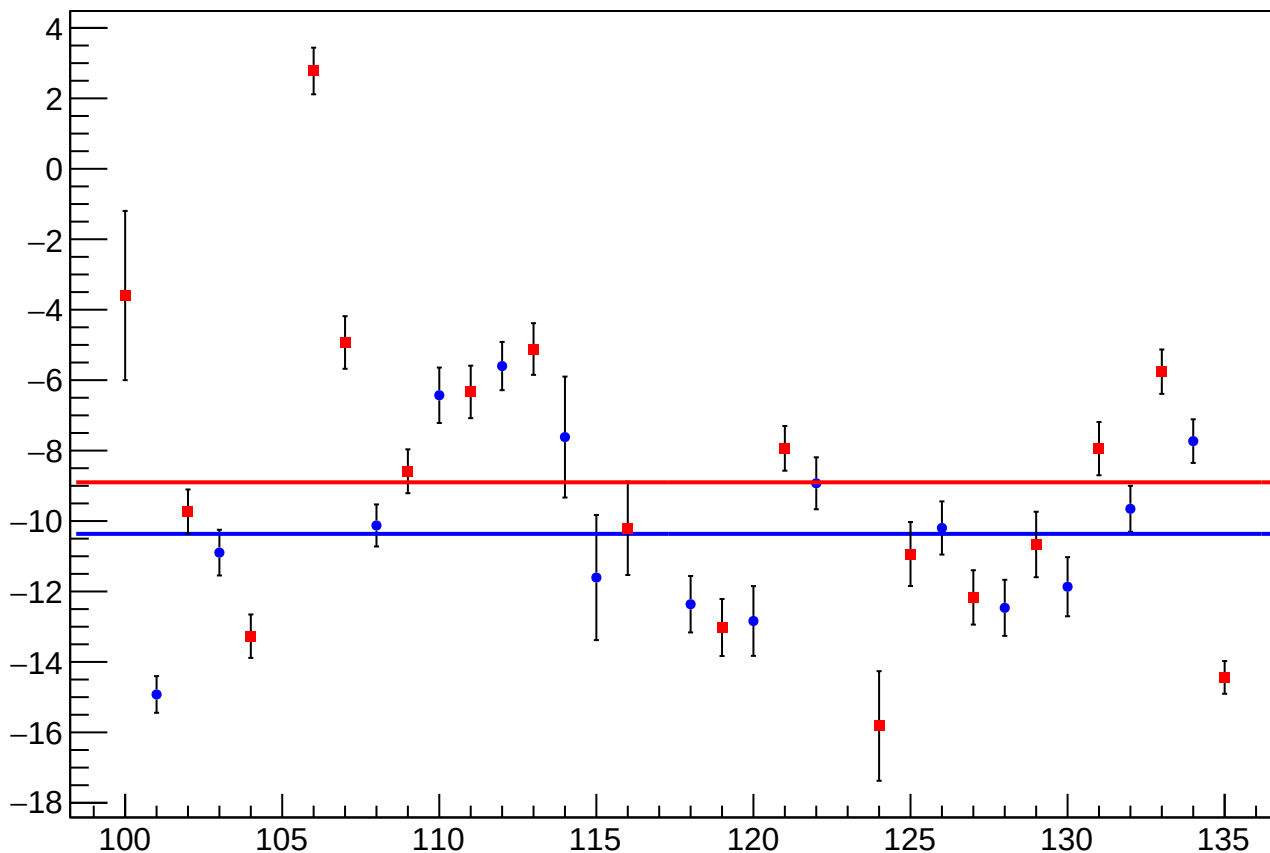
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.263 ± 0.116 χ^2/NDF : 3054.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eX_slope vs Slug



Right In: -10.364 ± 0.191 χ^2/NDF : 199.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -8.900 ± 0.172 χ^2/NDF : 679.0/17

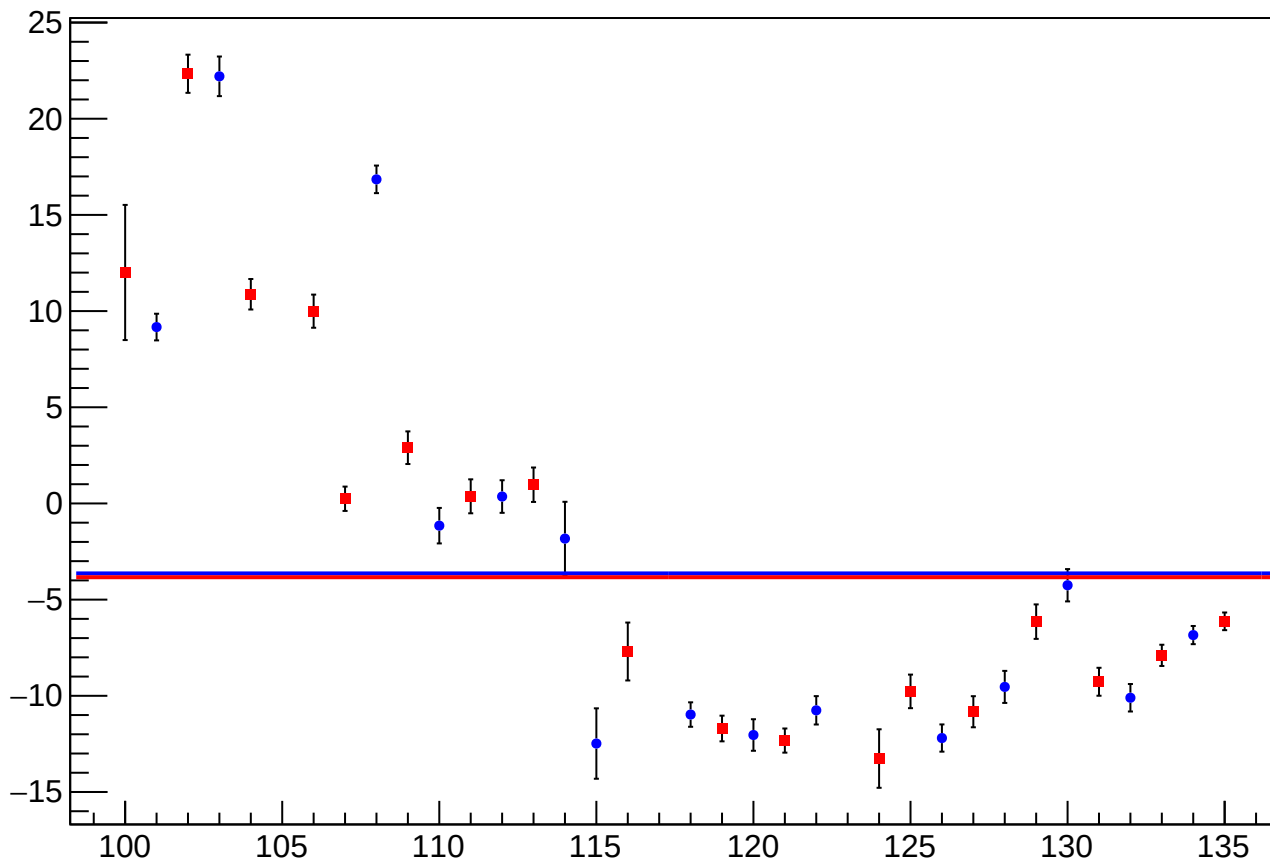
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -9.557 ± 0.128 χ^2/NDF : 910.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_13_57_dd_diff_bpm4eY_slope vs Slug



Right In: -3.638 $\pm$ 0.199 χ^2 /NDF: 2497.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -3.836 $\pm$ 0.182 χ^2 /NDF: 2104.6/17

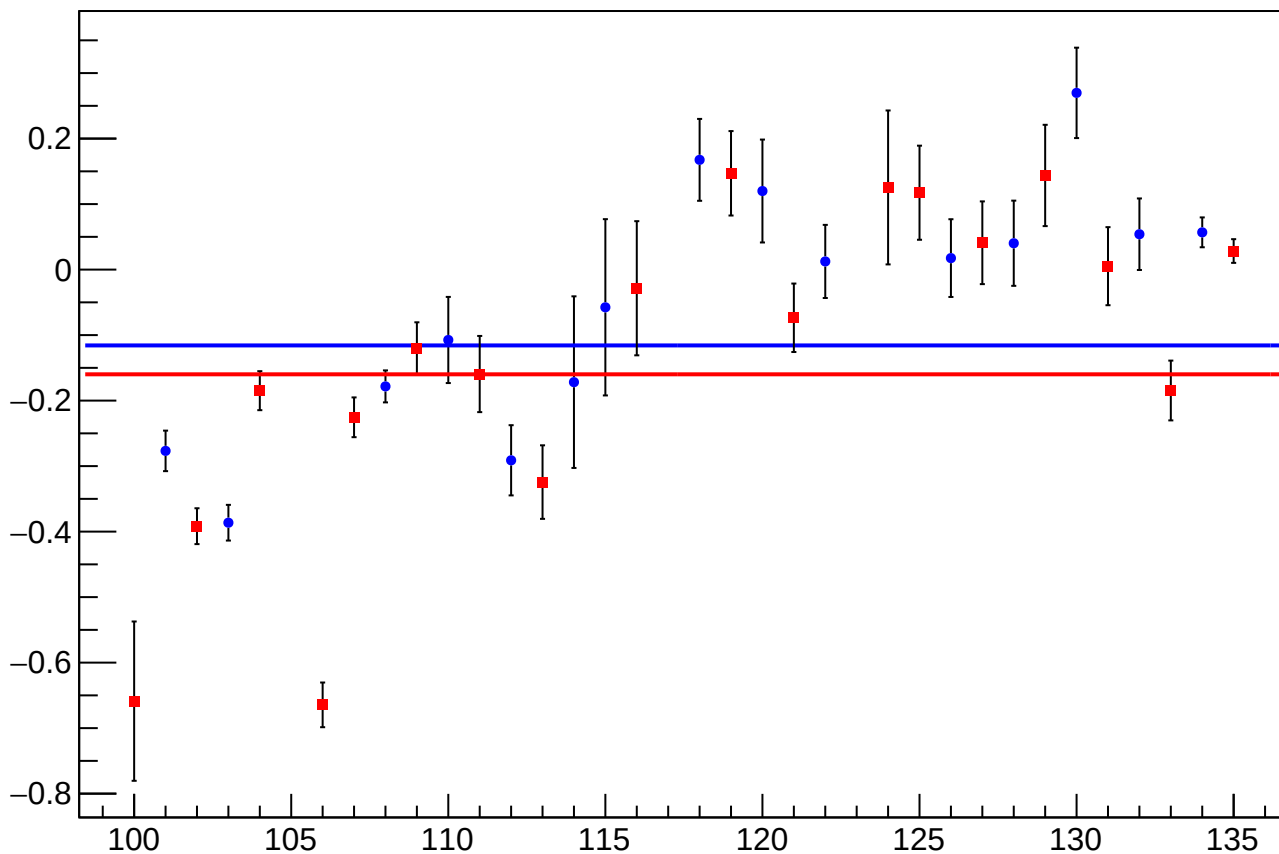
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.746 $\pm$ 0.134 χ^2 /NDF: 4602.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_13_57_dd_diff_bpm12X_slope vs Slug



Right In: -0.116+/-0.011 χ^2 /NDF: 287.3/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.160+/-0.010 χ^2 /NDF: 511.9/17

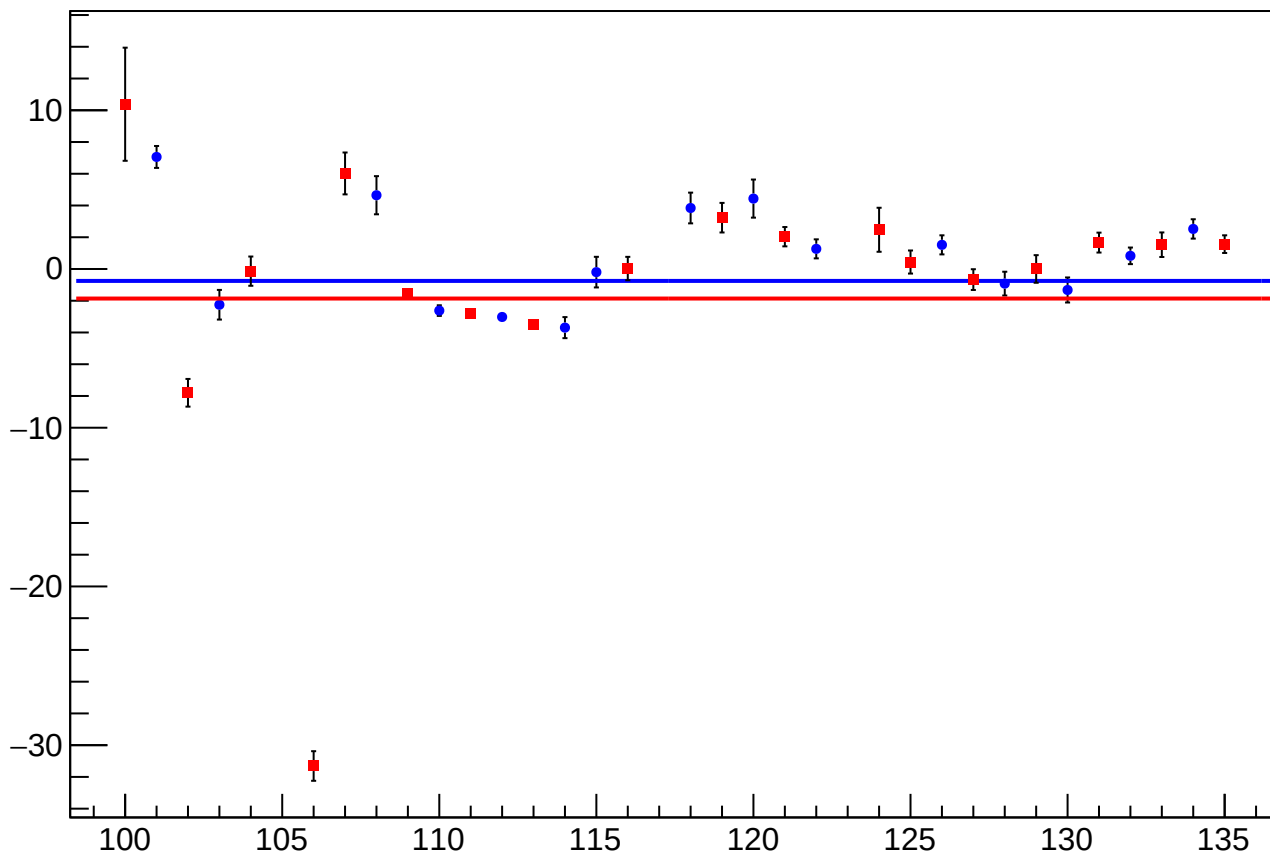
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.141+/-0.007 χ^2 /NDF: 808.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_37_dd_diff_bpm1X_slope vs Slug



Right In: -0.751 ± 0.147 χ^2/NDF : 373.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.862 ± 0.130 χ^2/NDF : 1328.5/17

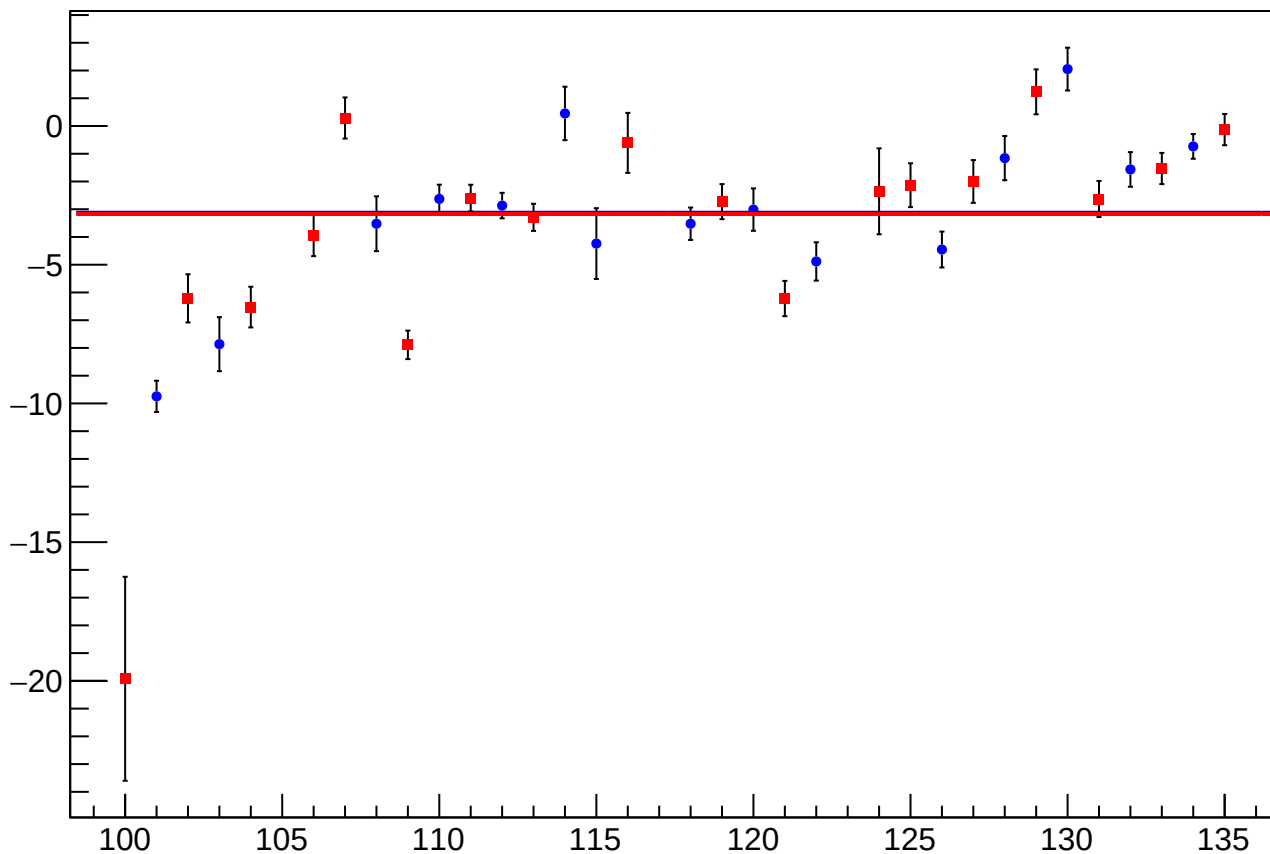
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.373 ± 0.098 χ^2/NDF : 1734.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4aY_slope vs Slug



Right In: -3.127 ± 0.168 χ^2/NDF : 275.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.171 ± 0.160 χ^2/NDF : 264.0/17

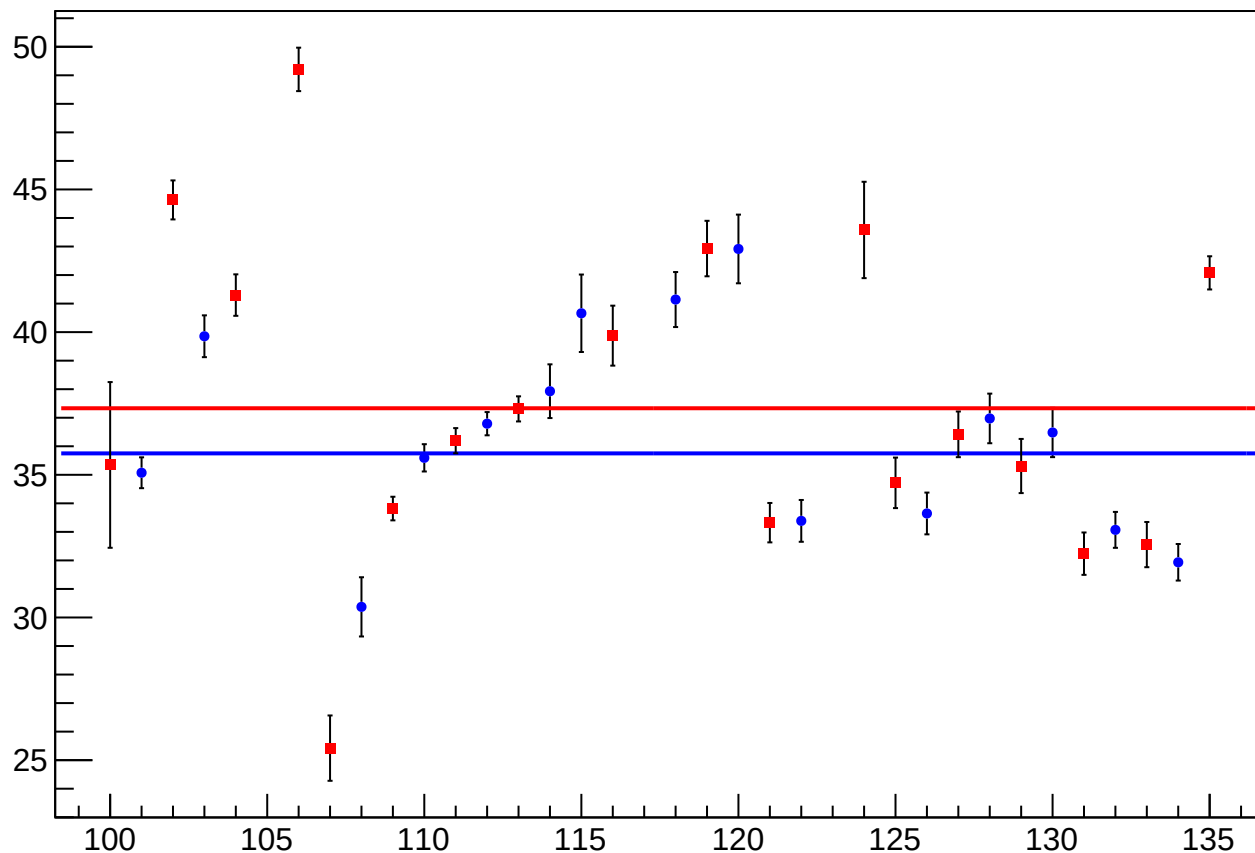
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.150 ± 0.116 χ^2/NDF : 539.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eX_slope vs Slug



Right In: 35.751+/-0.178 χ^2/NDF : 226.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 37.332+/-0.163 χ^2/NDF : 825.7/17

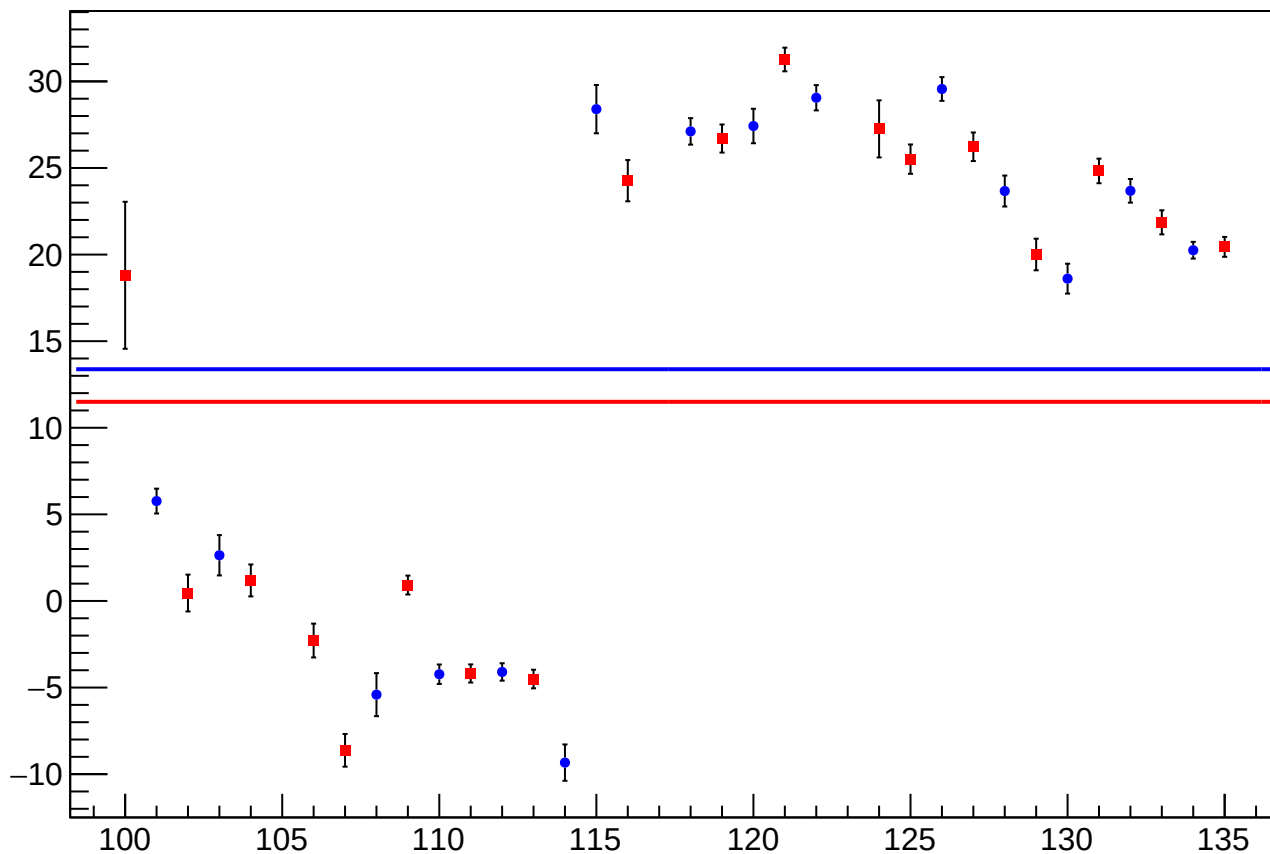
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 36.611+/-0.120 χ^2/NDF : 1095.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm4eY_slope vs Slug



Right In: 13.380+/-0.190 χ^2/NDF : 5342.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.499+/-0.181 χ^2/NDF : 5949.6/17

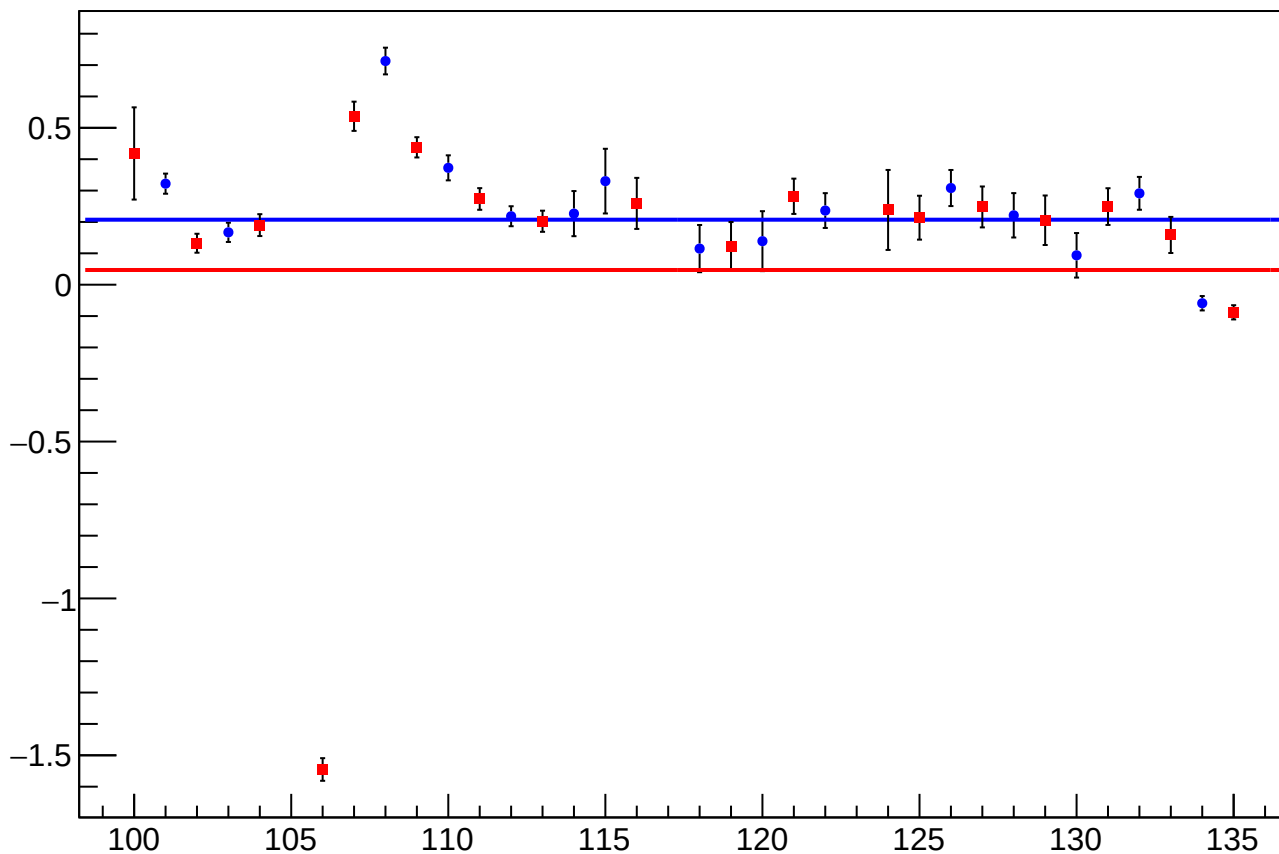
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.390+/-0.131 χ^2/NDF : 11343.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_37_dd_diff_bpm12X_slope vs Slug



Right In: 0.207 $\pm$ 0.011 χ^2 /NDF: 319.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.047 $\pm$ 0.010 χ^2 /NDF: 2399.1/17

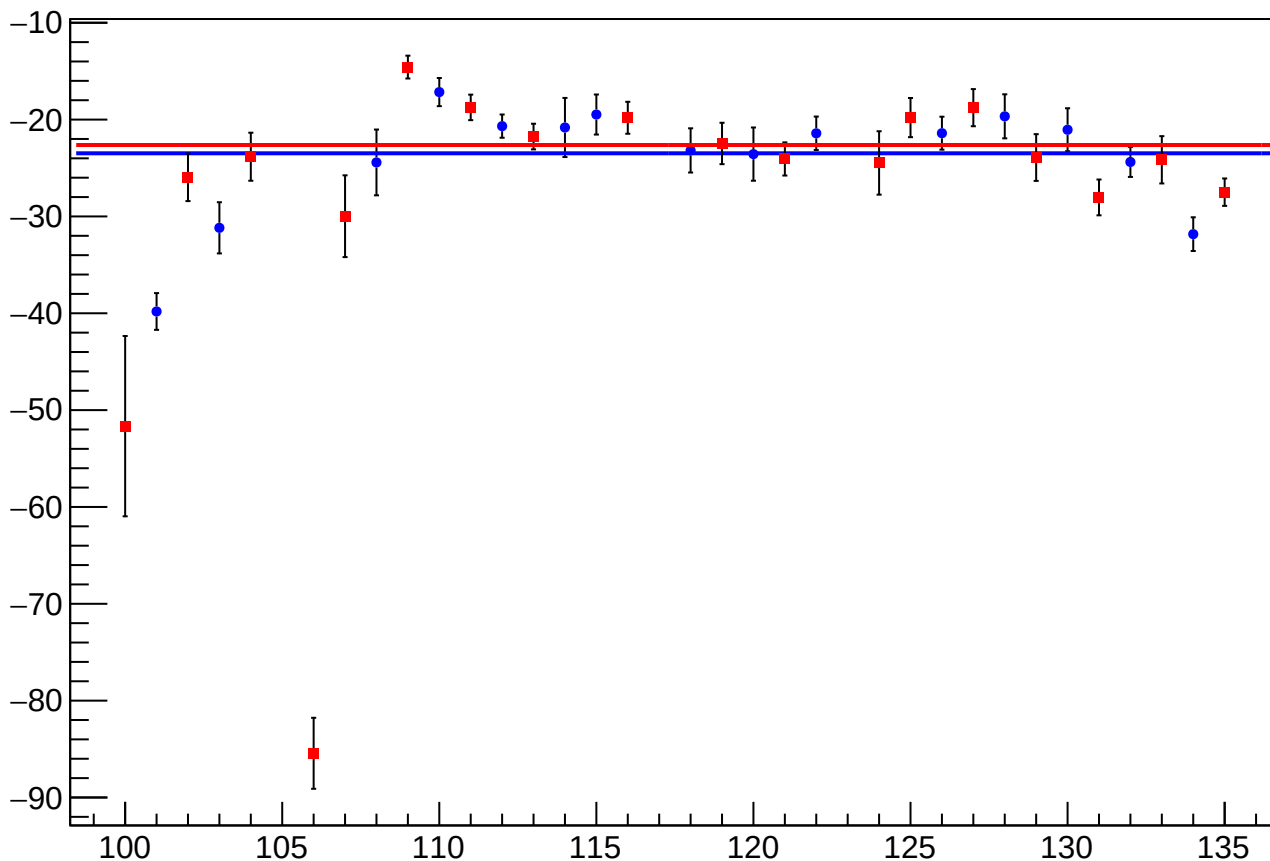
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.120 $\pm$ 0.008 χ^2 /NDF: 2831.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm1X_slope vs Slug



Right In: -23.480 ± 0.490 χ^2/NDF : 141.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.624 ± 0.447 χ^2/NDF : 395.1/17

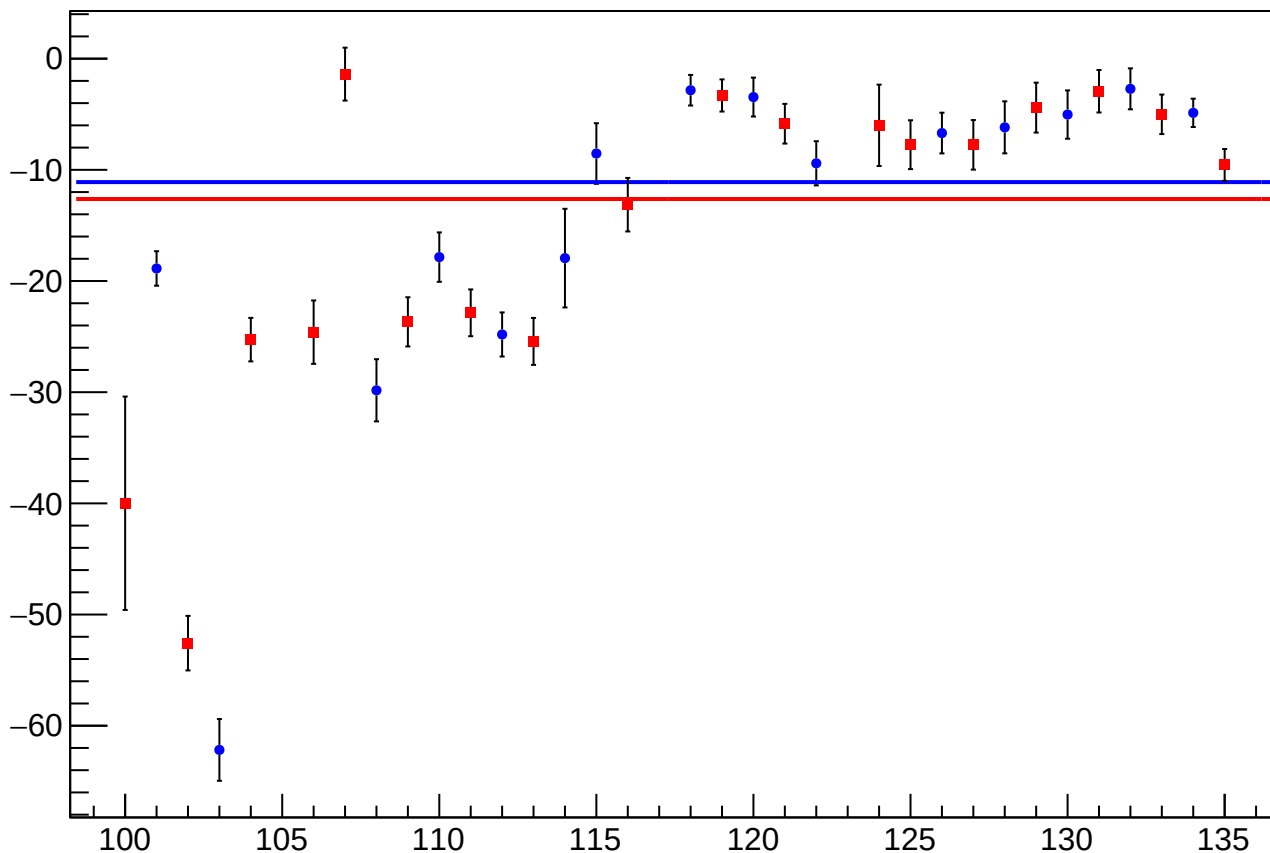
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -23.013 ± 0.330 χ^2/NDF : 538.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4aY_slope vs Slug



Right In: -11.103 ± 0.498 χ^2/NDF : 586.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.623 ± 0.493 χ^2/NDF : 571.6/17

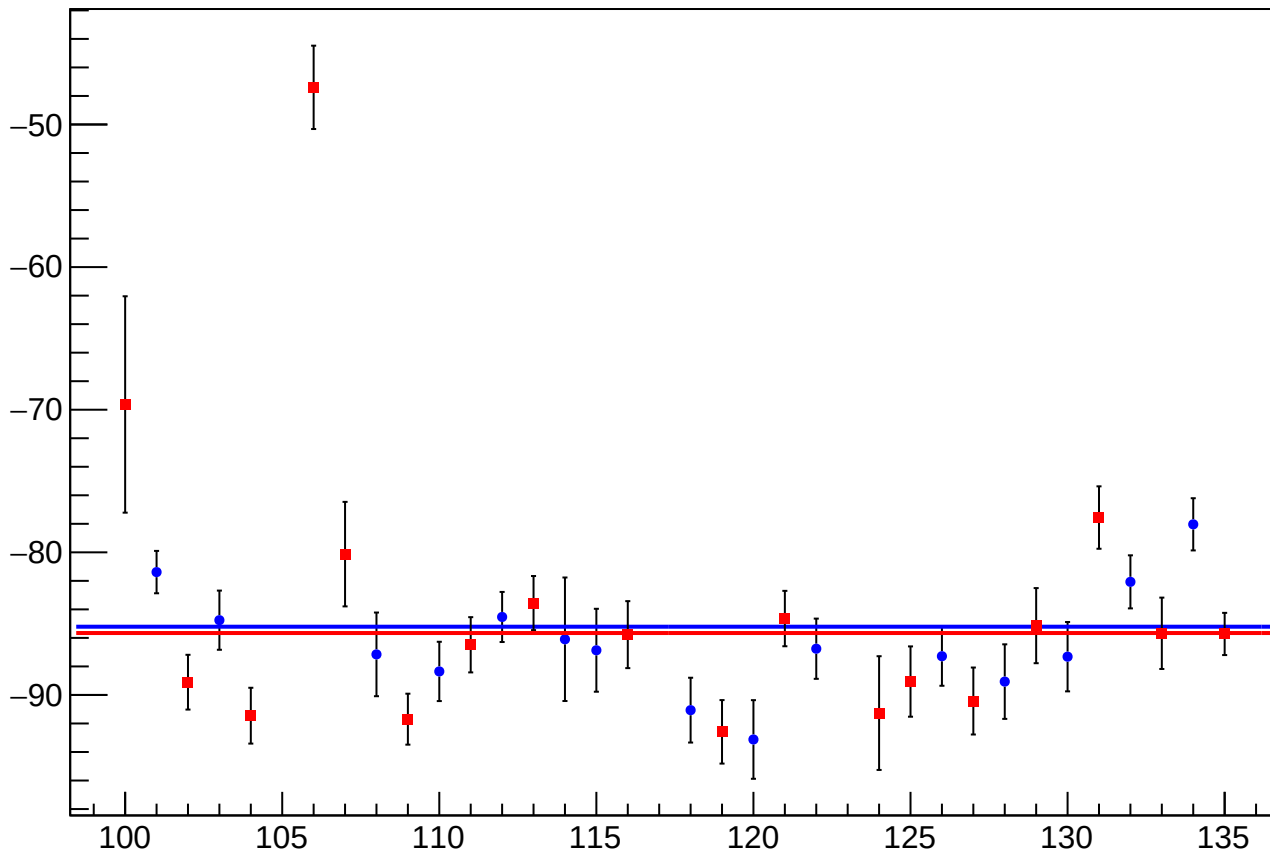
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.871 ± 0.350 χ^2/NDF : 1163.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eX_slope vs Slug



Right In: -85.214 $\pm$ 0.558 χ^2 /NDF: 47.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -85.658 $\pm$ 0.525 χ^2 /NDF: 234.7/17

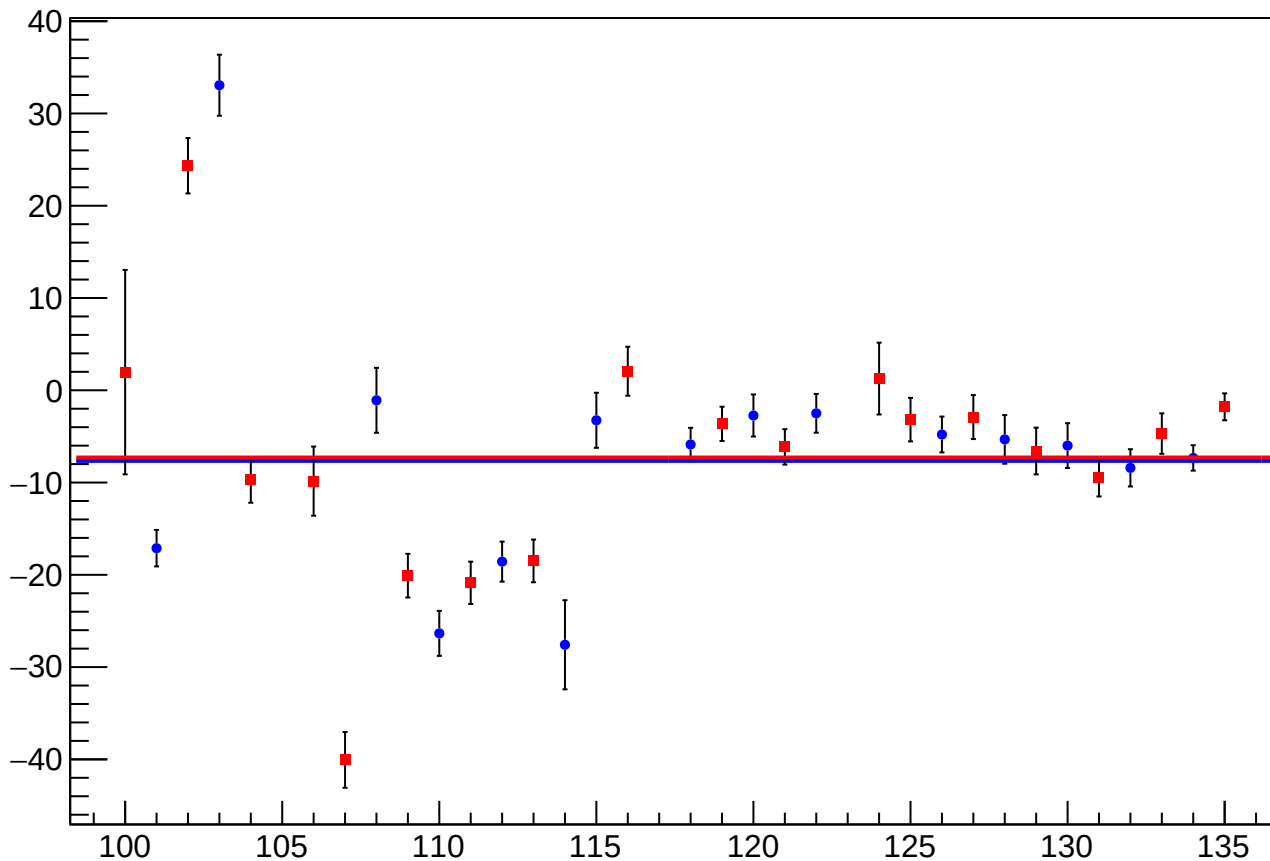
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -85.450 $\pm$ 0.382 χ^2 /NDF: 282.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm4eY_slope vs Slug



Right In: -7.648 $\pm$ 0.573 χ^2 /NDF: 296.4/14

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

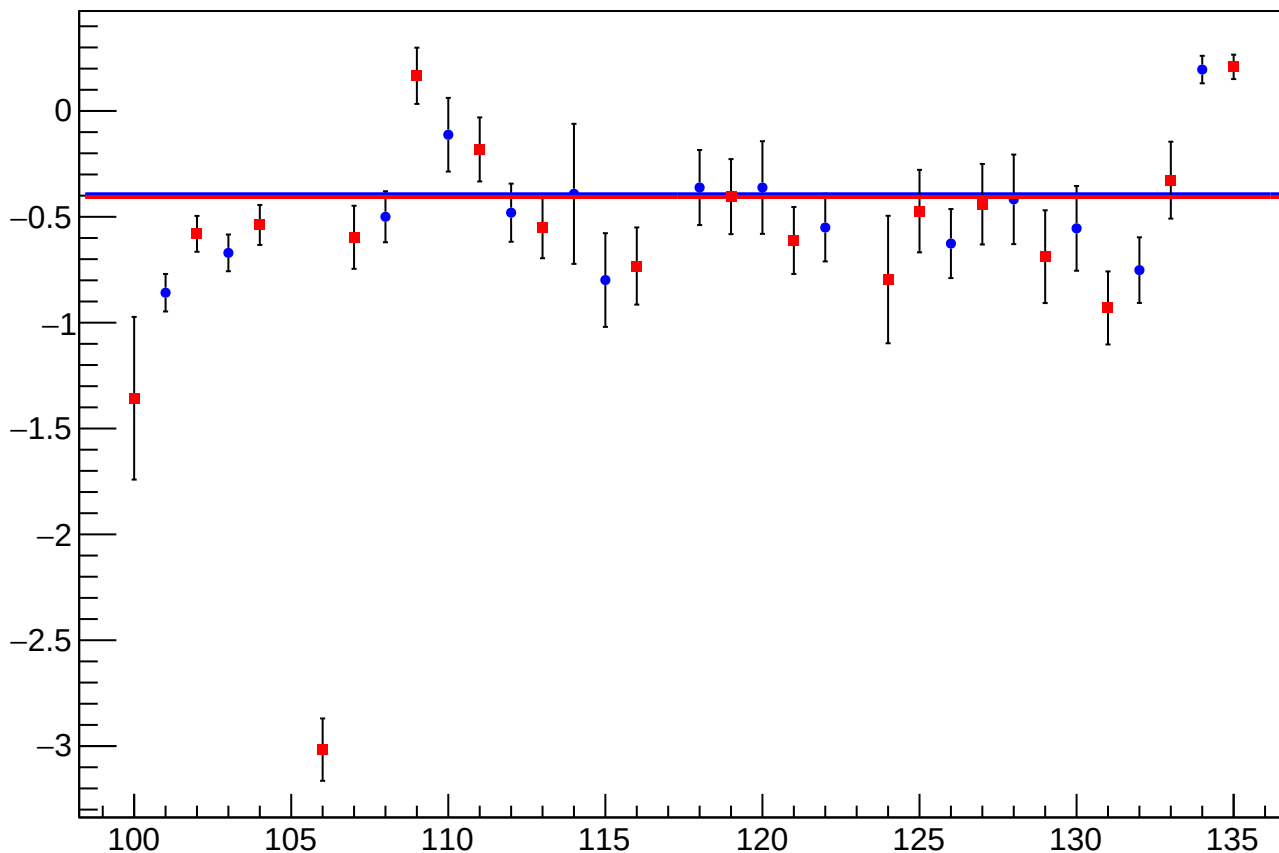
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -7.463 $\pm$ 0.400 χ^2 /NDF: 659.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_24_68_dd_diff_bpm12X_slope vs Slug



Right In: -0.394 ± 0.033 χ^2/NDF : 136.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.406 ± 0.031 χ^2/NDF : 481.6/17

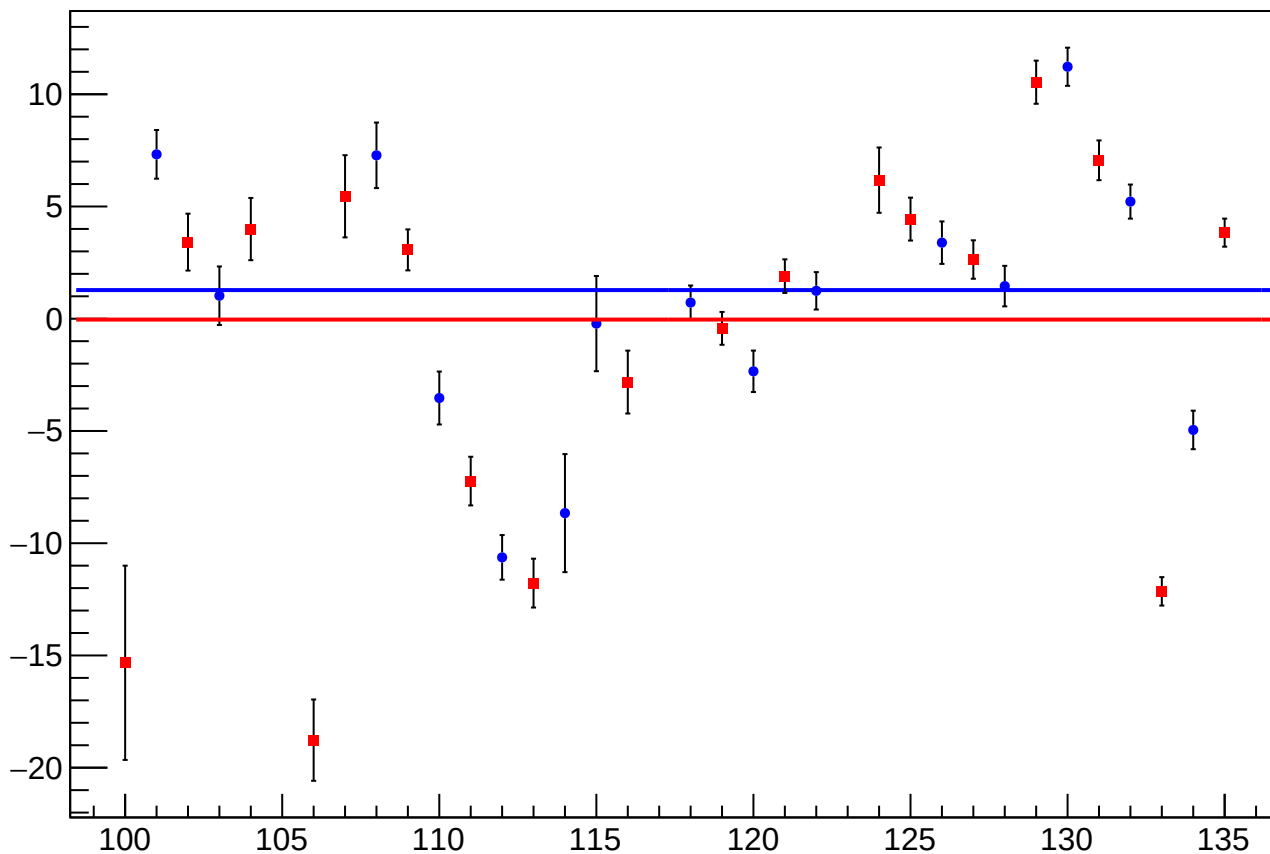
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.400 ± 0.023 χ^2/NDF : 617.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm1X_slope vs Slug



Right In: 1.276 $\pm$ 0.257 χ^2 /NDF: 460.7/14

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

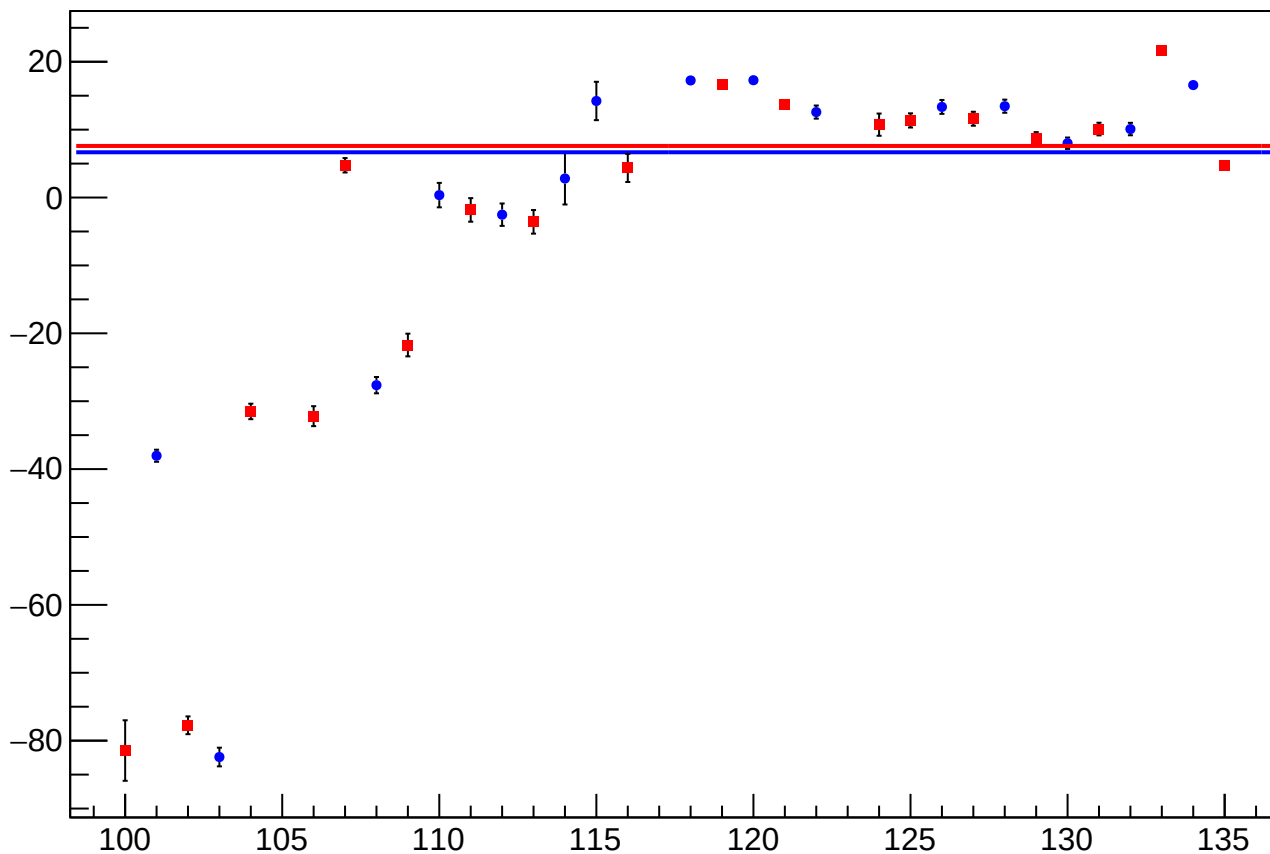
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.542 $\pm$ 0.171 χ^2 /NDF: 1442.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4aY_slope vs Slug



Right In: 6.667 $\pm$ 0.228 χ^2 /NDF: 8832.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 7.600 $\pm$ 0.212 χ^2 /NDF: 8361.9/17

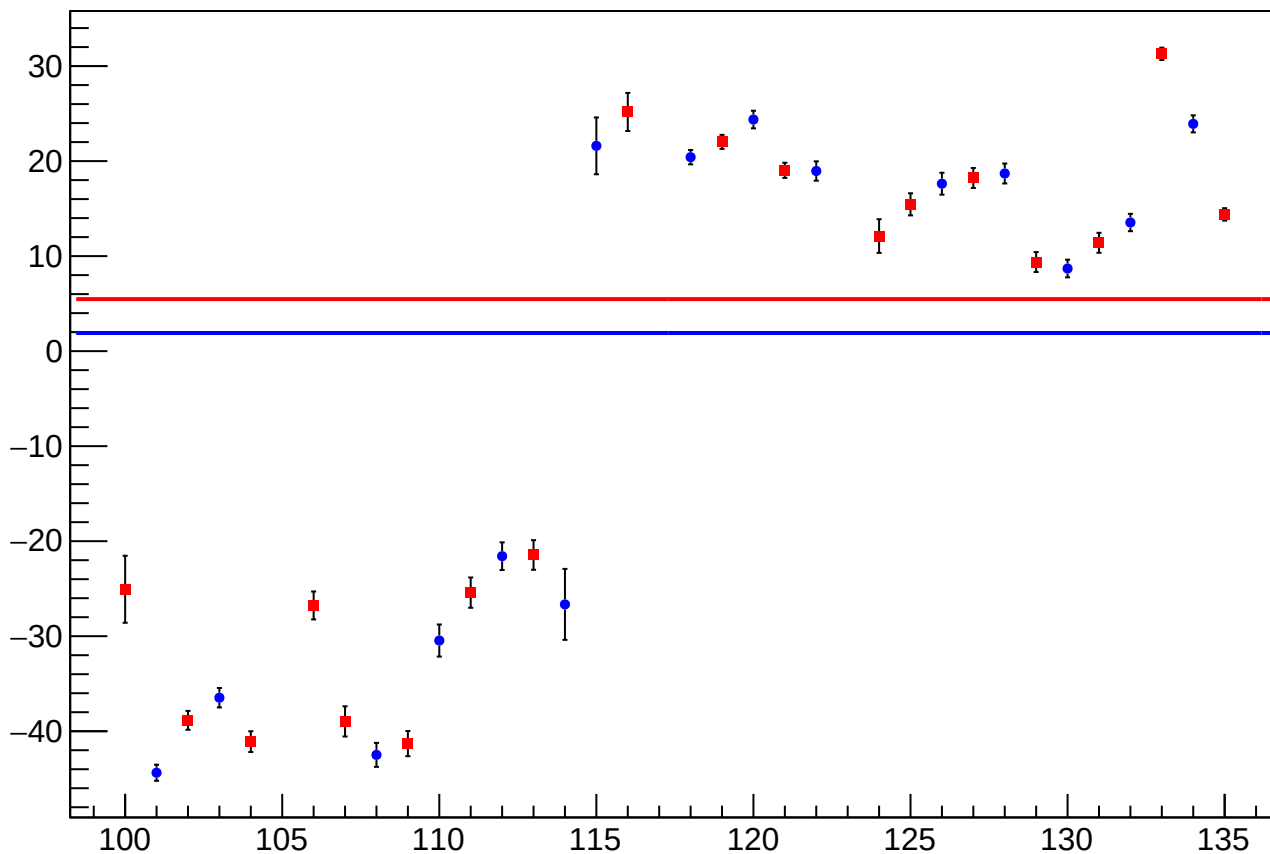
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.167 $\pm$ 0.155 χ^2 /NDF: 17203.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eX_slope vs Slug



Right In: 1.911 ± 0.276 χ^2/NDF : 9078.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 5.476 ± 0.248 χ^2/NDF : 10006.2/17

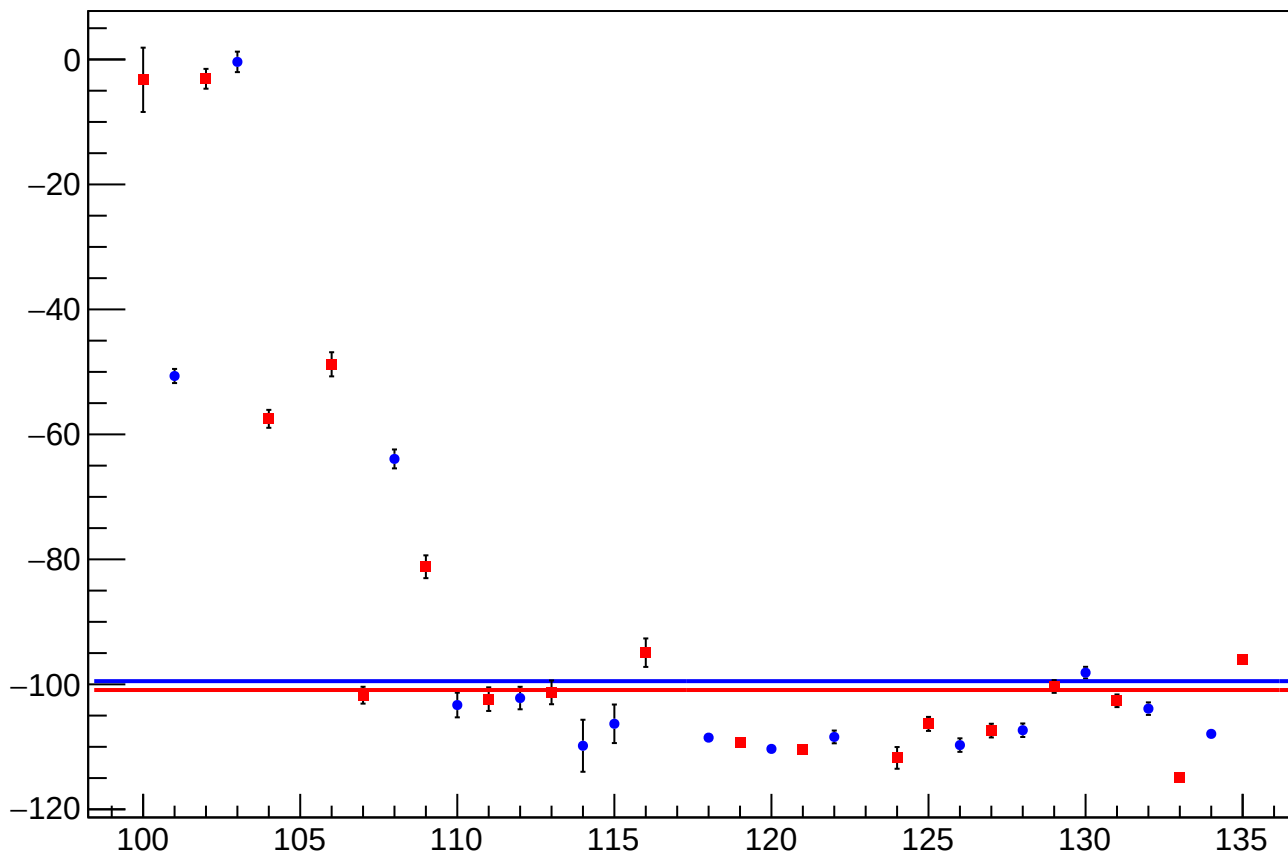
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 3.887 ± 0.184 χ^2/NDF : 19177.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm4eY_slope vs Slug



Right In: -99.491 ± 0.271 χ^2/NDF : 6900.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -100.908 ± 0.246 χ^2/NDF : 7024.0/17

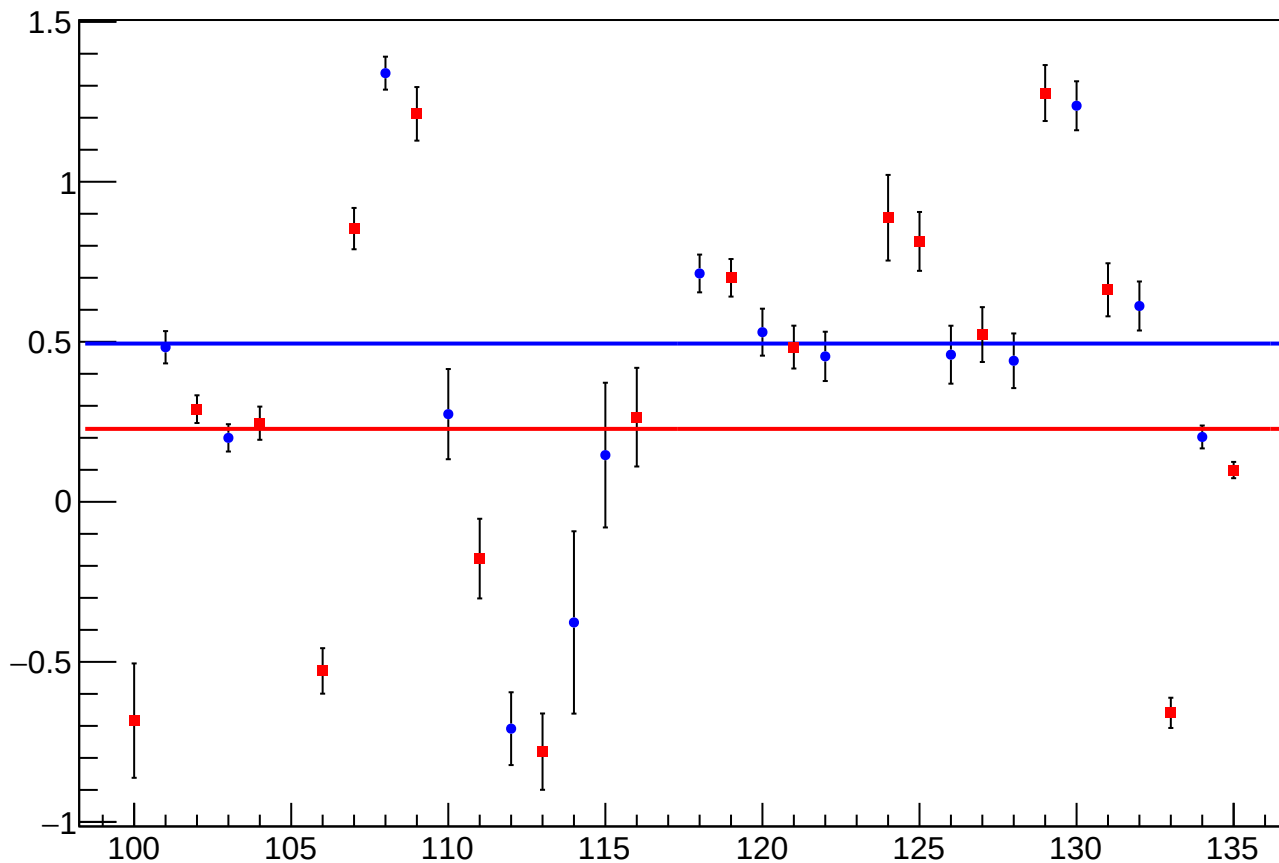
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -100.267 ± 0.182 χ^2/NDF : 13939.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_26_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.494 $\pm$ 0.017 χ^2 /NDF: 621.1/14

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

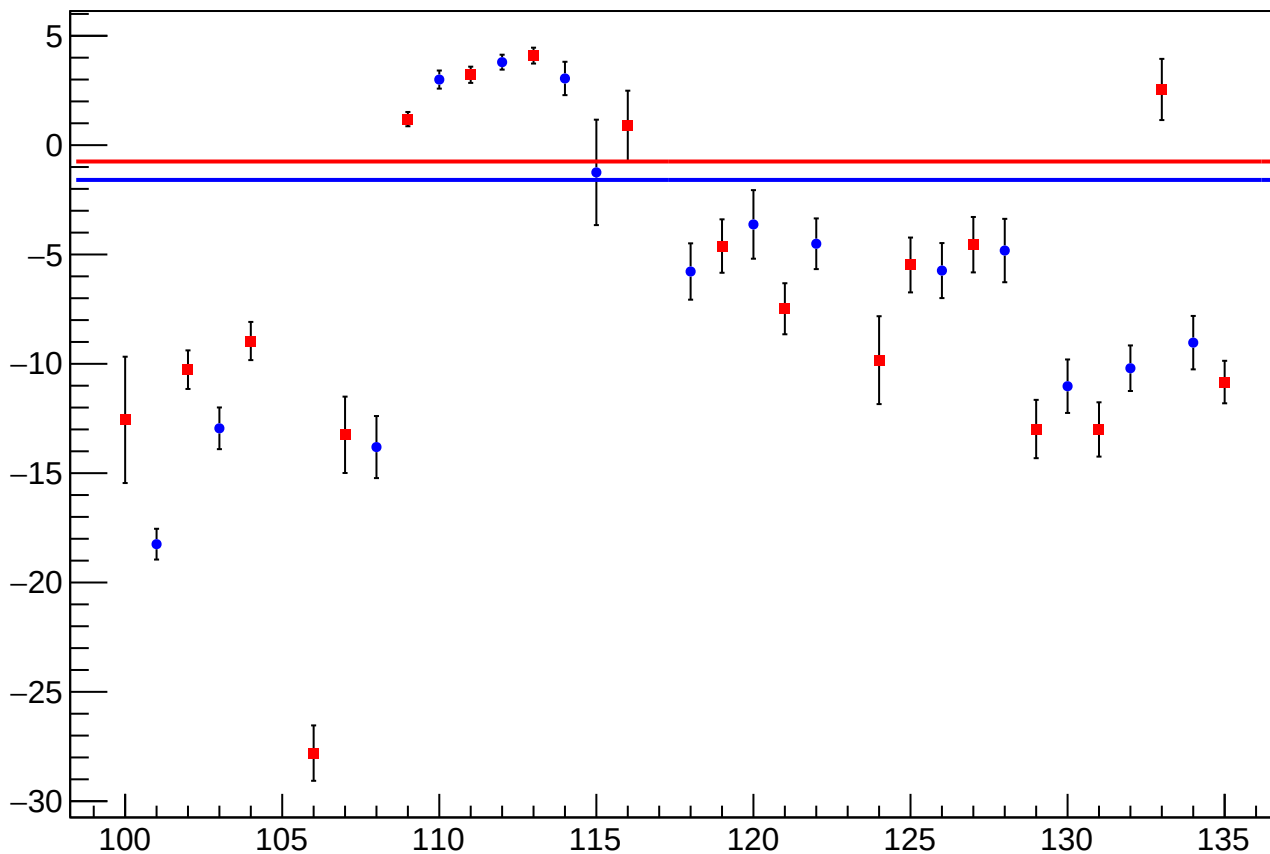
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.341 $\pm$ 0.011 χ^2 /NDF: 1926.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm1X_slope vs Slug



Right In: -1.590 ± 0.200 χ^2/NDF : 1384.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.748 ± 0.172 χ^2/NDF : 1439.5/17

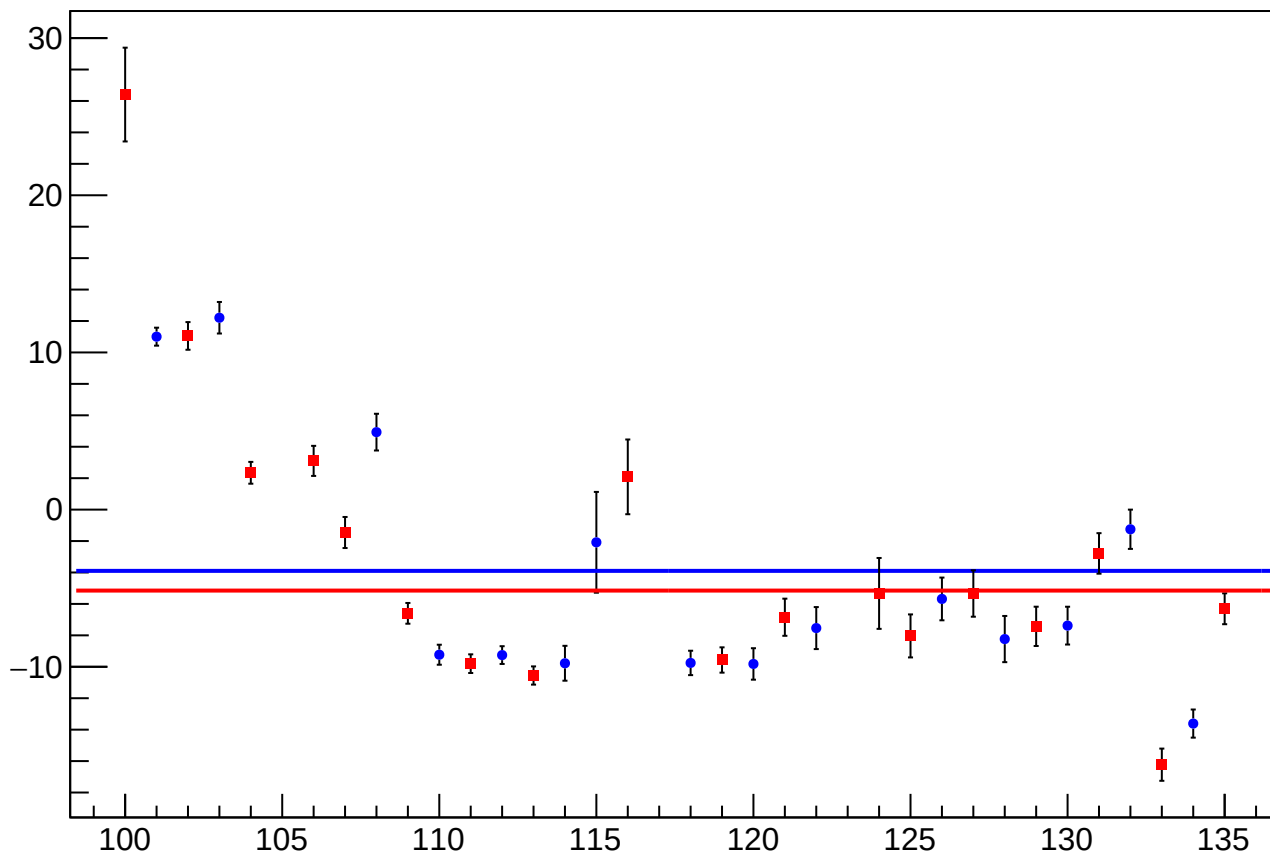
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.106 ± 0.130 χ^2/NDF : 2834.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4aY_slope vs Slug



Right In: -3.898 ± 0.235 χ^2/NDF : 1423.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.151 ± 0.221 χ^2/NDF : 979.7/17

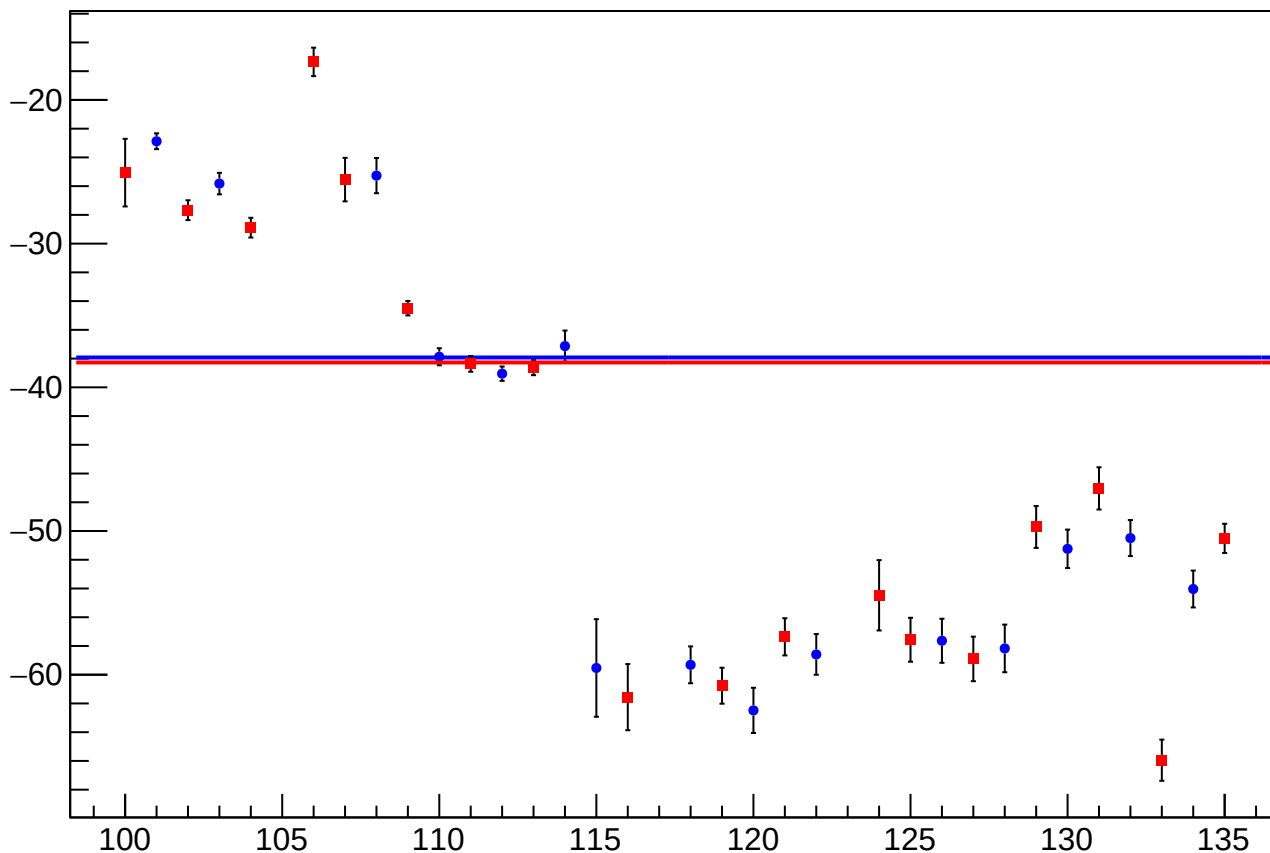
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.564 ± 0.161 χ^2/NDF : 2418.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eX_slope vs Slug



Right In: -37.924 ± 0.238 χ^2/NDF : 2568.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -38.271 ± 0.215 χ^2/NDF : 2664.8/17

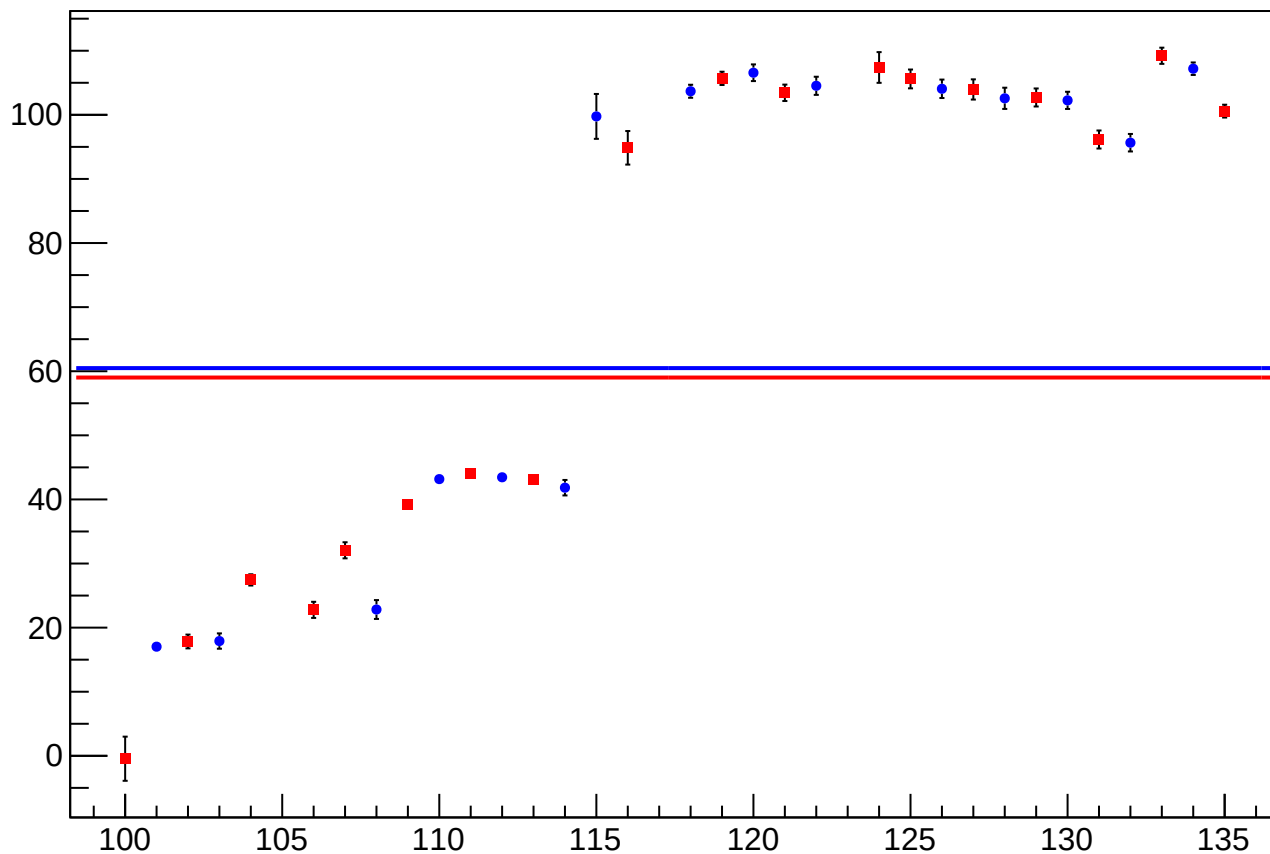
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.115 ± 0.159 χ^2/NDF : 5234.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1548_avg_diff_bpm4eY_slope vs Slug



Right In: 60.488 $\pm$ 0.272 χ^2 /NDF: 16757.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 59.017 $\pm$ 0.251 χ^2 /NDF: 16943.0/17

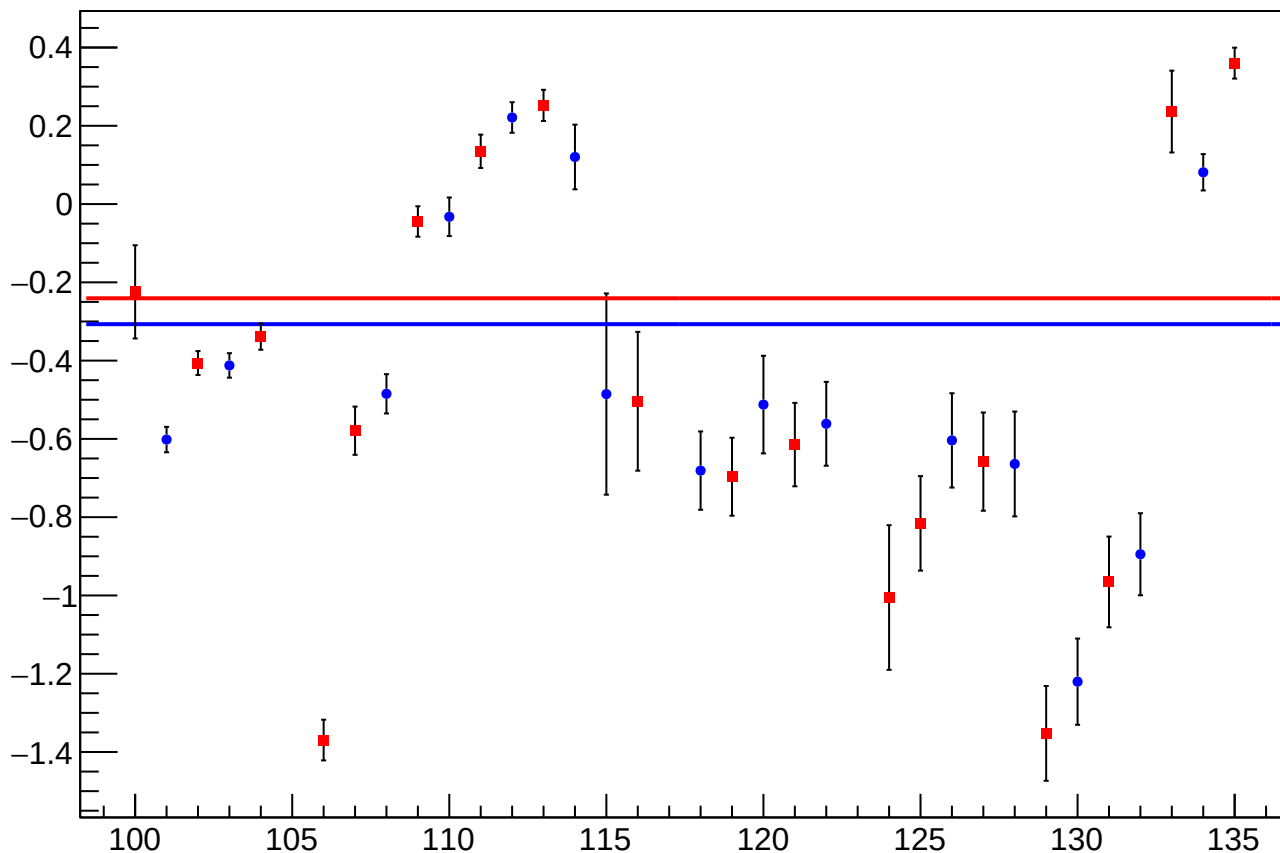
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 59.695 $\pm$ 0.184 χ^2 /NDF: 33716.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1548_avg_diff_bpm12X_slope vs Slug



Right In: -0.307 ± 0.015 χ^2/NDF : 552.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.241 ± 0.013 χ^2/NDF : 1257.2/17

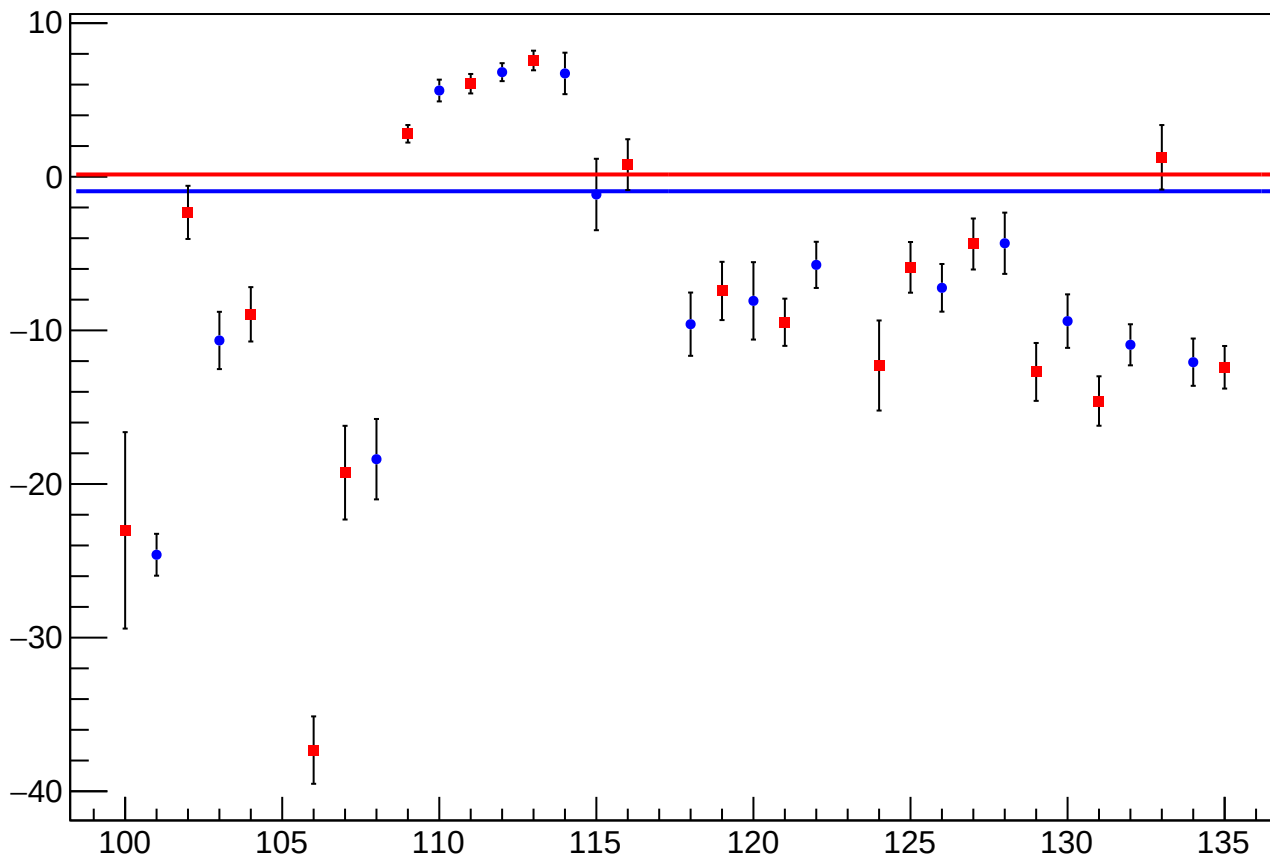
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.270 ± 0.010 χ^2/NDF : 1821.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm1X_slope vs Slug



Right In: -0.943 ± 0.326 χ^2/NDF : 853.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.149 ± 0.285 χ^2/NDF : 924.1/17

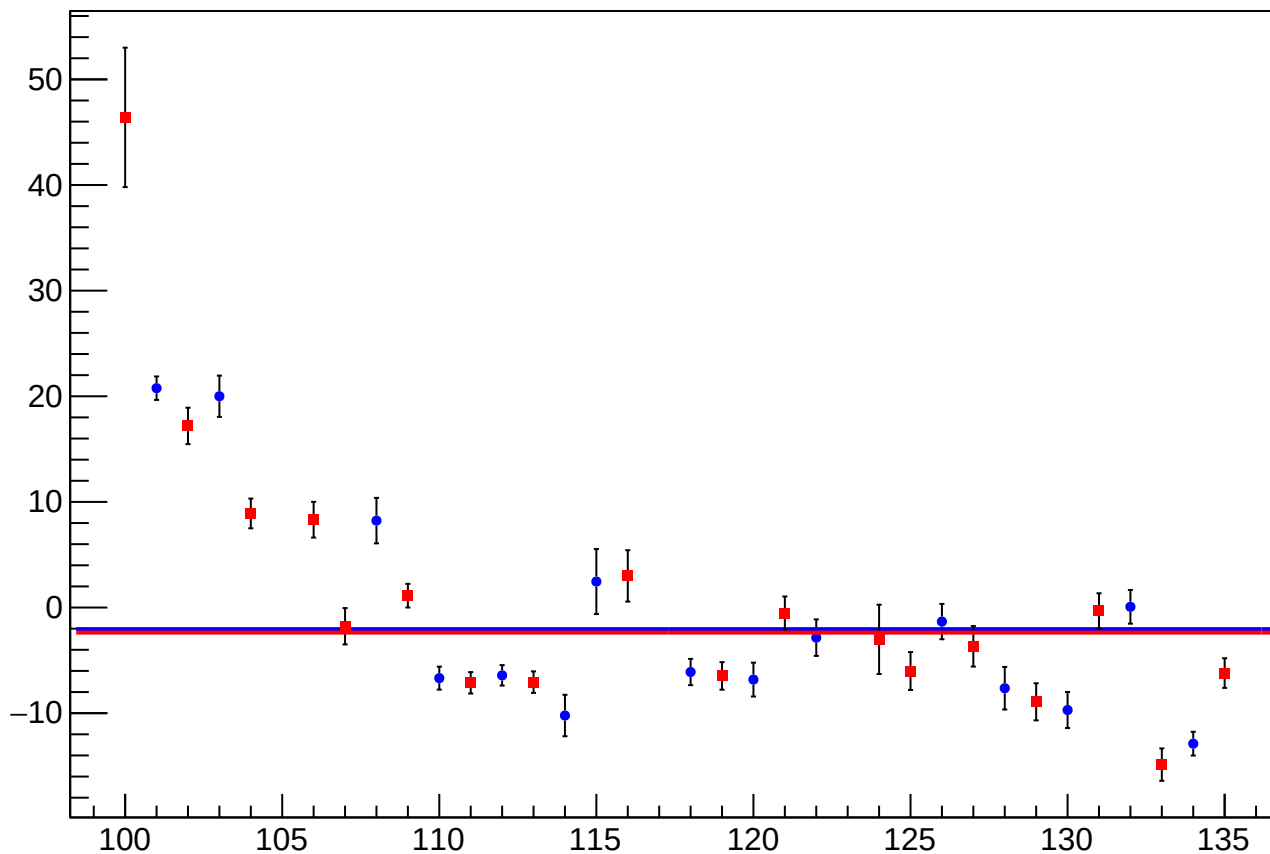
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.324 ± 0.214 χ^2/NDF : 1784.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4aY_slope vs Slug



Right In: -2.044 ± 0.376 χ^2/NDF : 771.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.372 ± 0.360 χ^2/NDF : 450.9/17

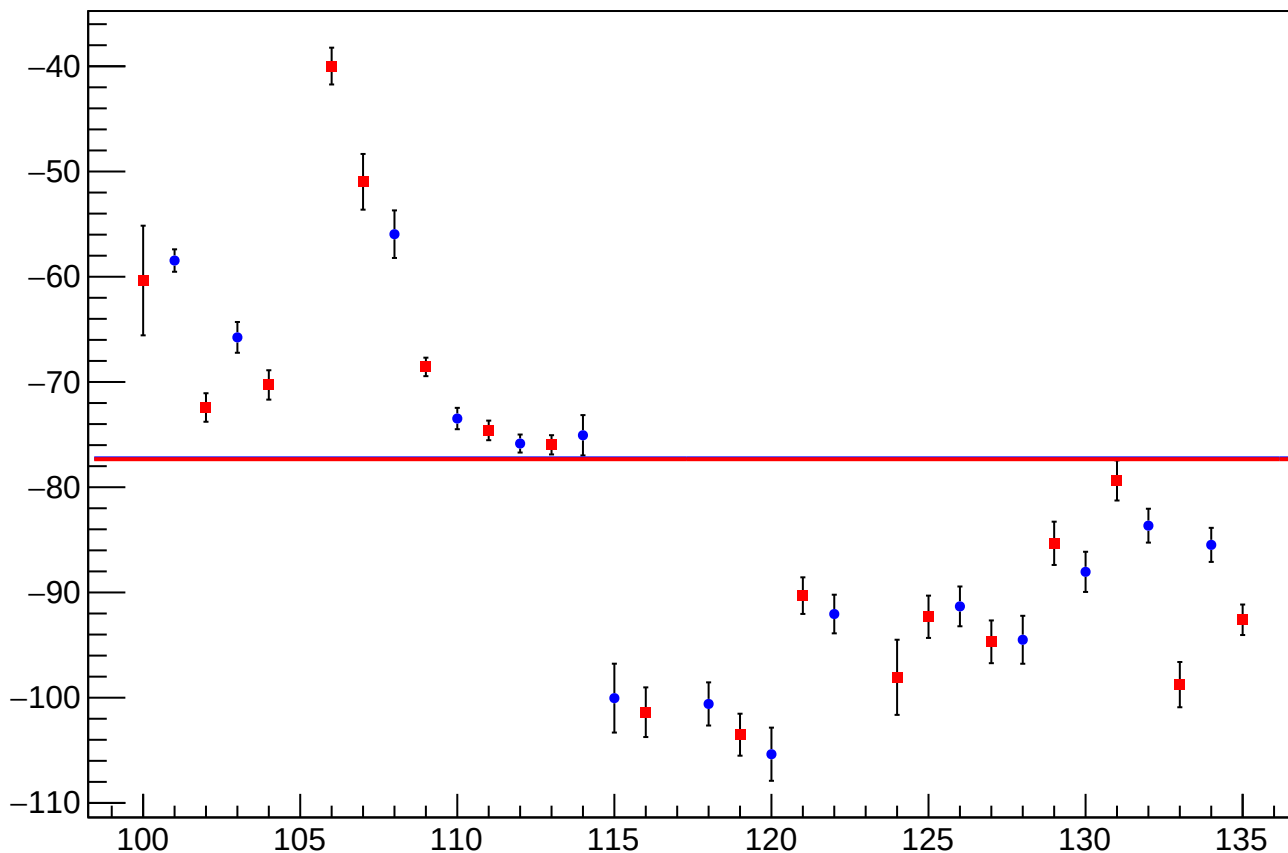
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.215 ± 0.260 χ^2/NDF : 1223.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eX_slope vs Slug



Right In: -77.260+/-0.394 χ^2/NDF : 1032.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -77.337+/-0.359 χ^2/NDF : 1435.8/17

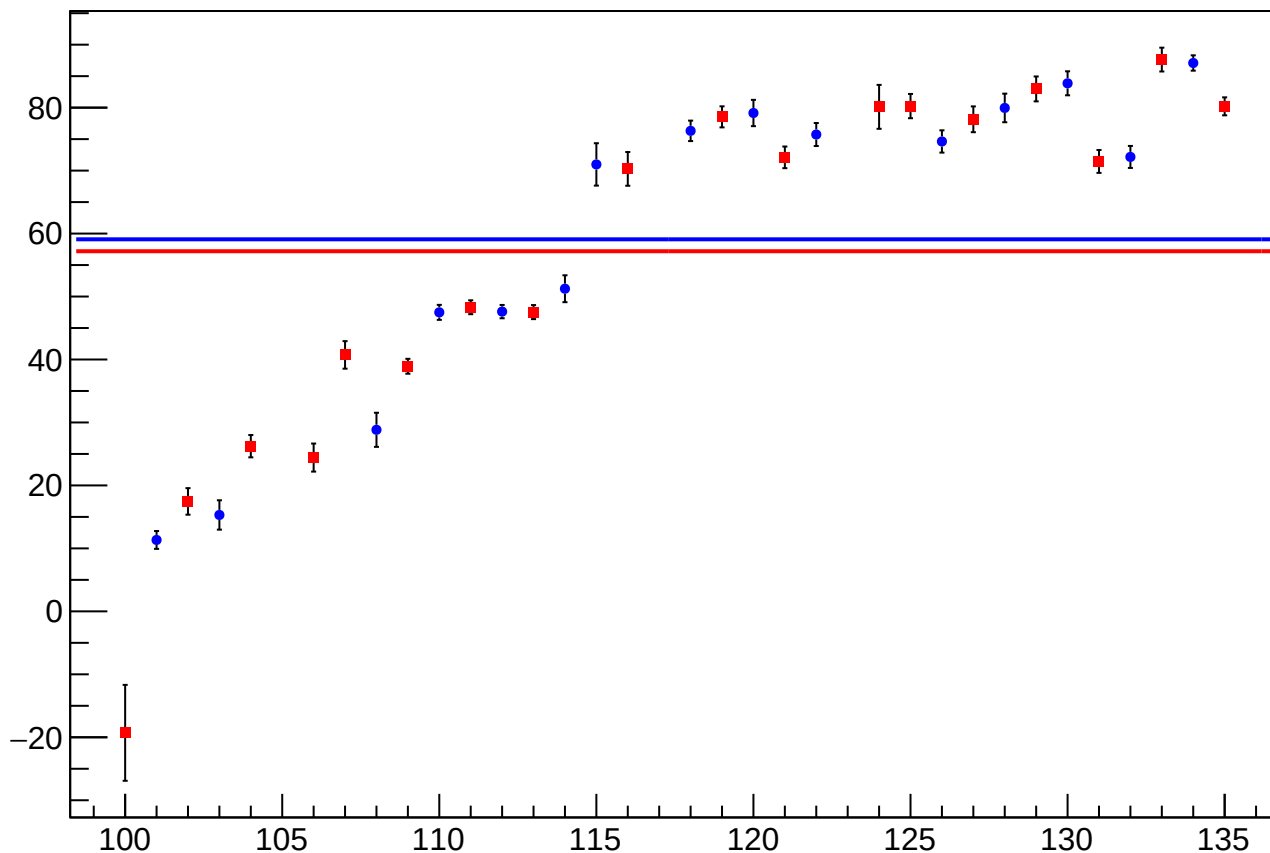
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -77.302+/-0.265 χ^2/NDF : 2468.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3748_avg_diff_bpm4eY_slope vs Slug



Right In: 59.087 $\pm$ 0.429 χ^2 /NDF: 3053.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 57.196 $\pm$ 0.406 χ^2 /NDF: 2716.6/17

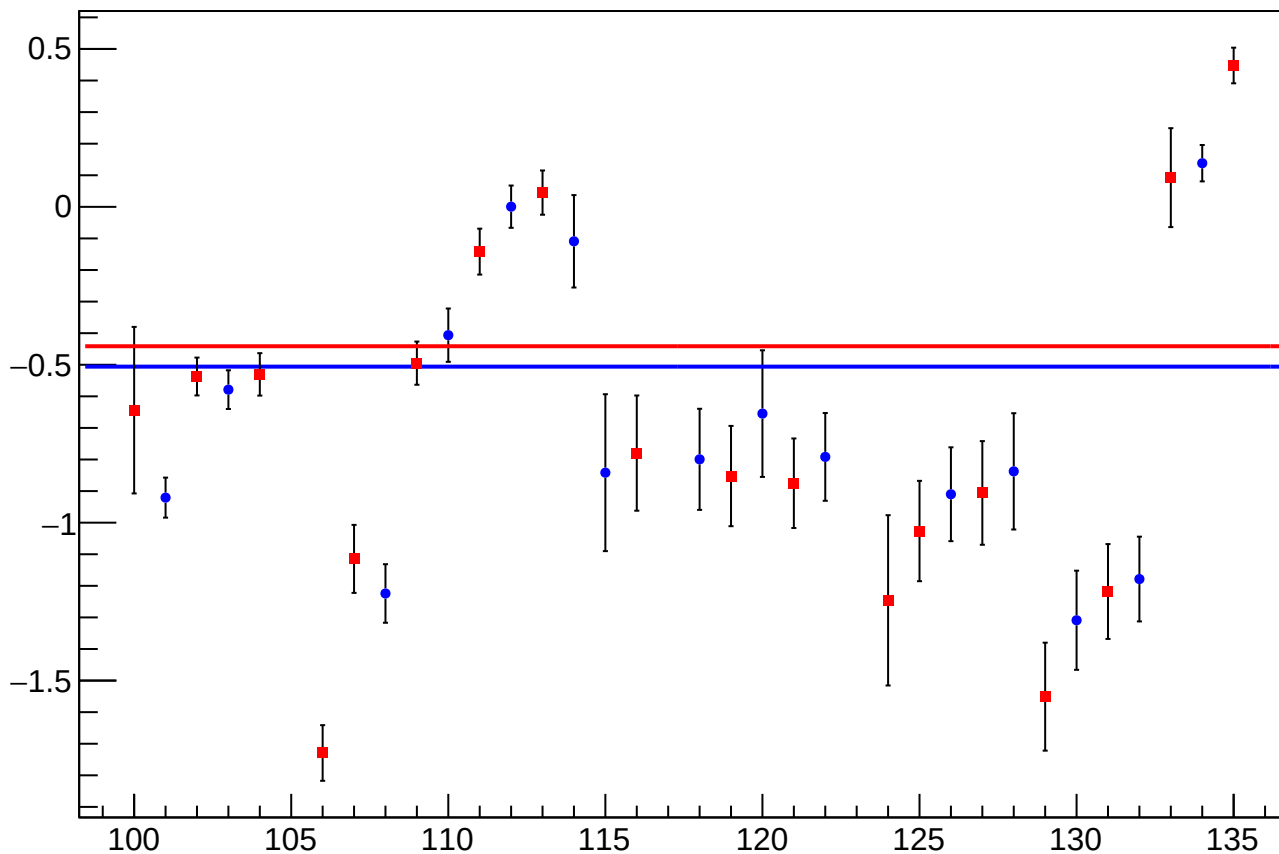
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 58.088 $\pm$ 0.295 χ^2 /NDF: 5780.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3748_avg_diff_bpm12X_slope vs Slug



Right In: -0.506 ± 0.025 χ^2/NDF : 367.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.441 ± 0.022 χ^2/NDF : 702.5/17

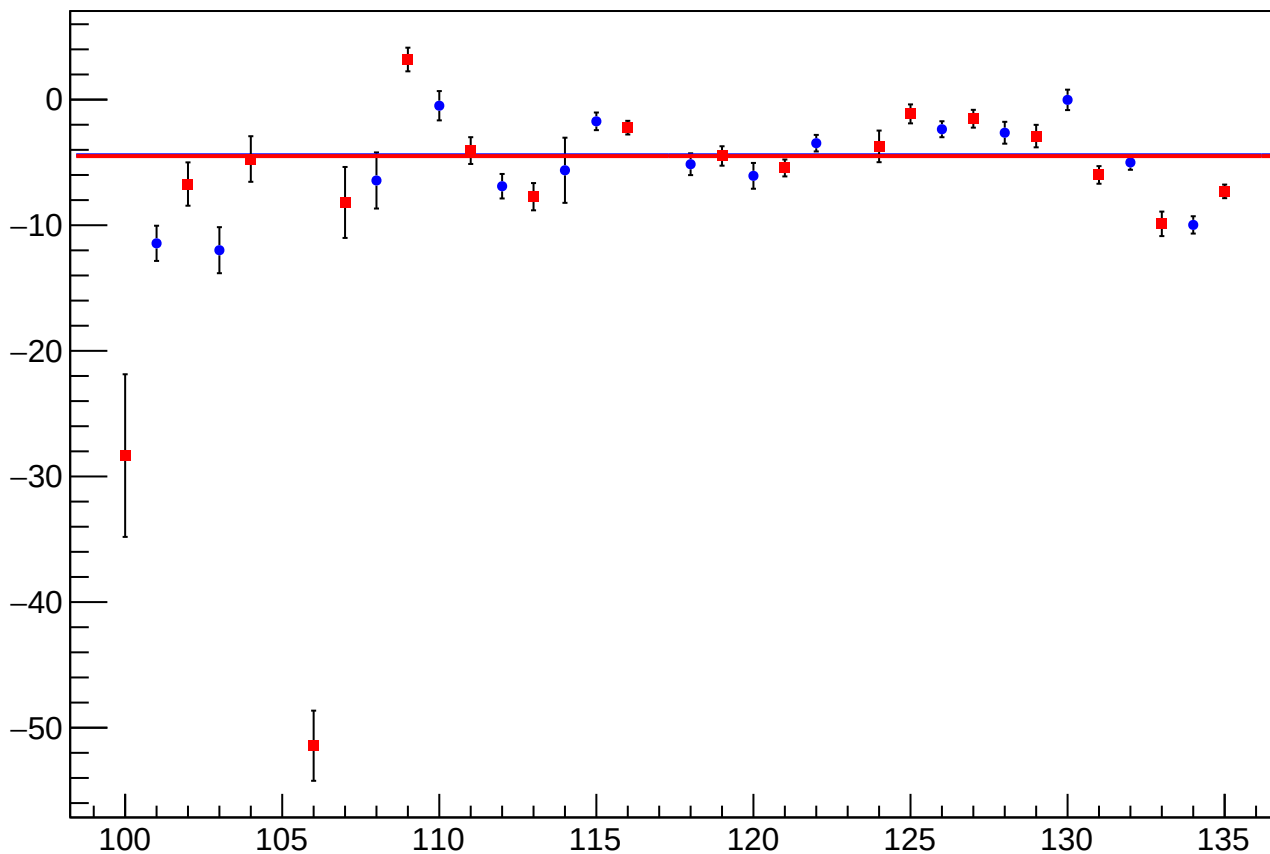
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.471 ± 0.017 χ^2/NDF : 1073.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm1X_slope vs Slug



Right In: -4.433 ± 0.224 χ^2/NDF : 190.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.497 ± 0.208 χ^2/NDF : 497.6/17

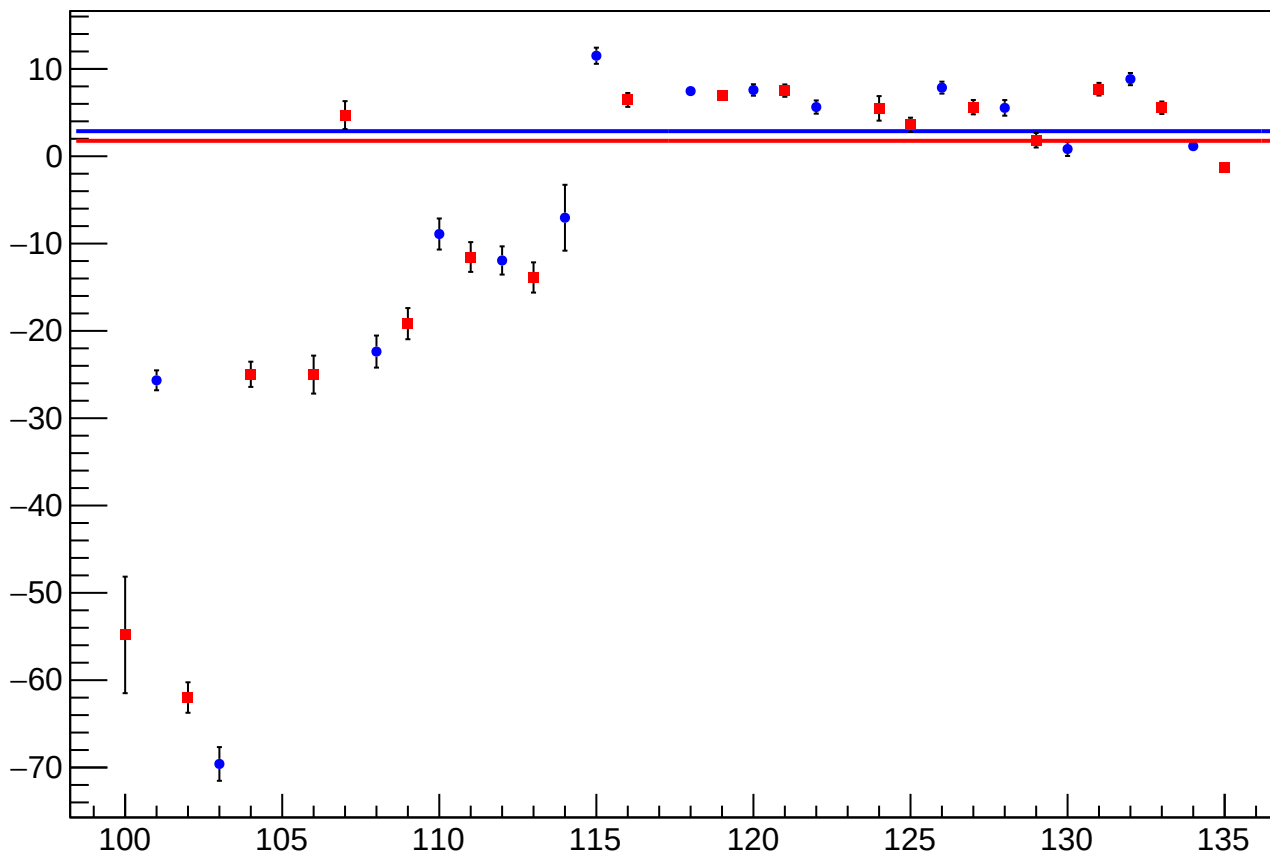
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.467 ± 0.152 χ^2/NDF : 688.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4aY_slope vs Slug



Right In: 2.872 $\pm$ 0.213 χ^2 /NDF: 2741.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.769 $\pm$ 0.215 χ^2 /NDF: 2539.6/17

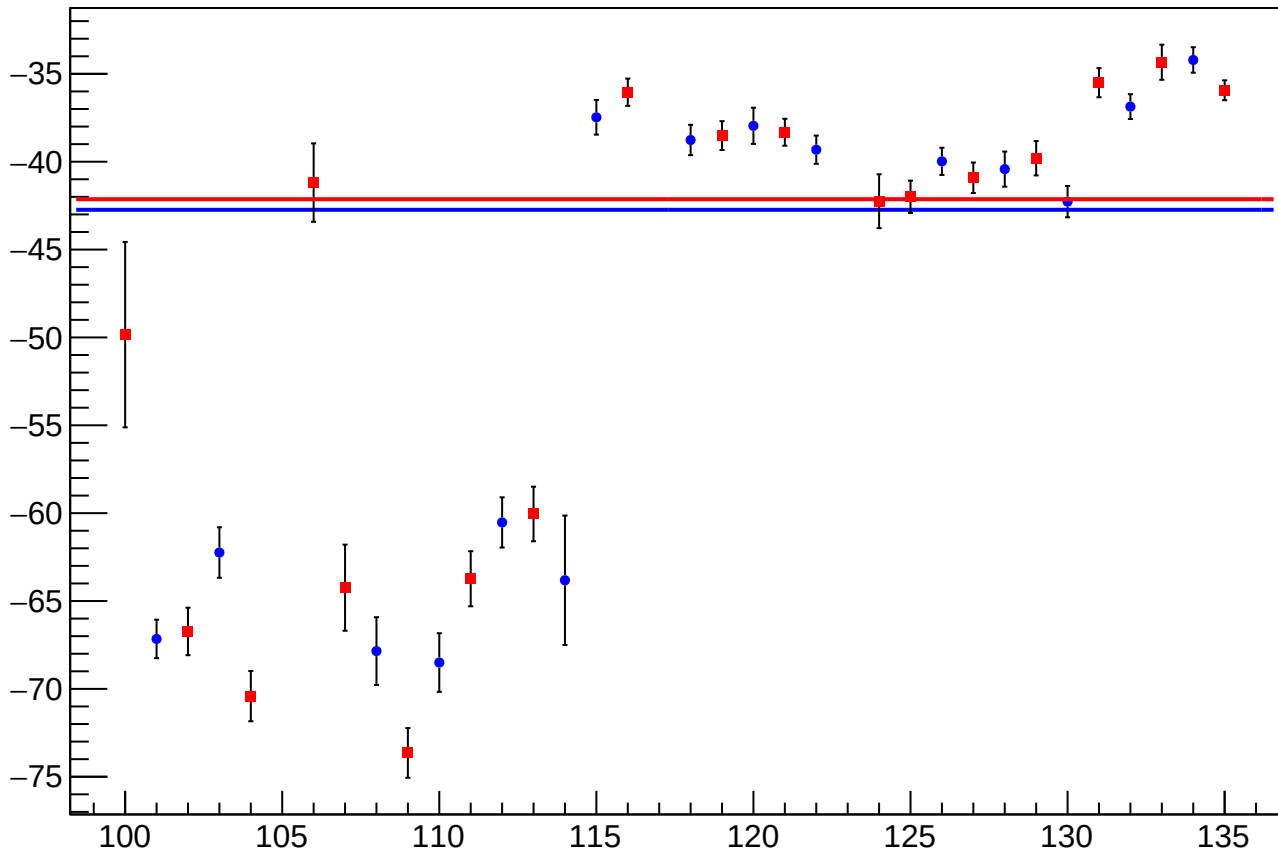
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.325 $\pm$ 0.151 χ^2 /NDF: 5294.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eX_slope vs Slug



Right In: -42.736 ± 0.256 χ^2/NDF : 1591.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -42.133 ± 0.241 χ^2/NDF : 1982.3/17

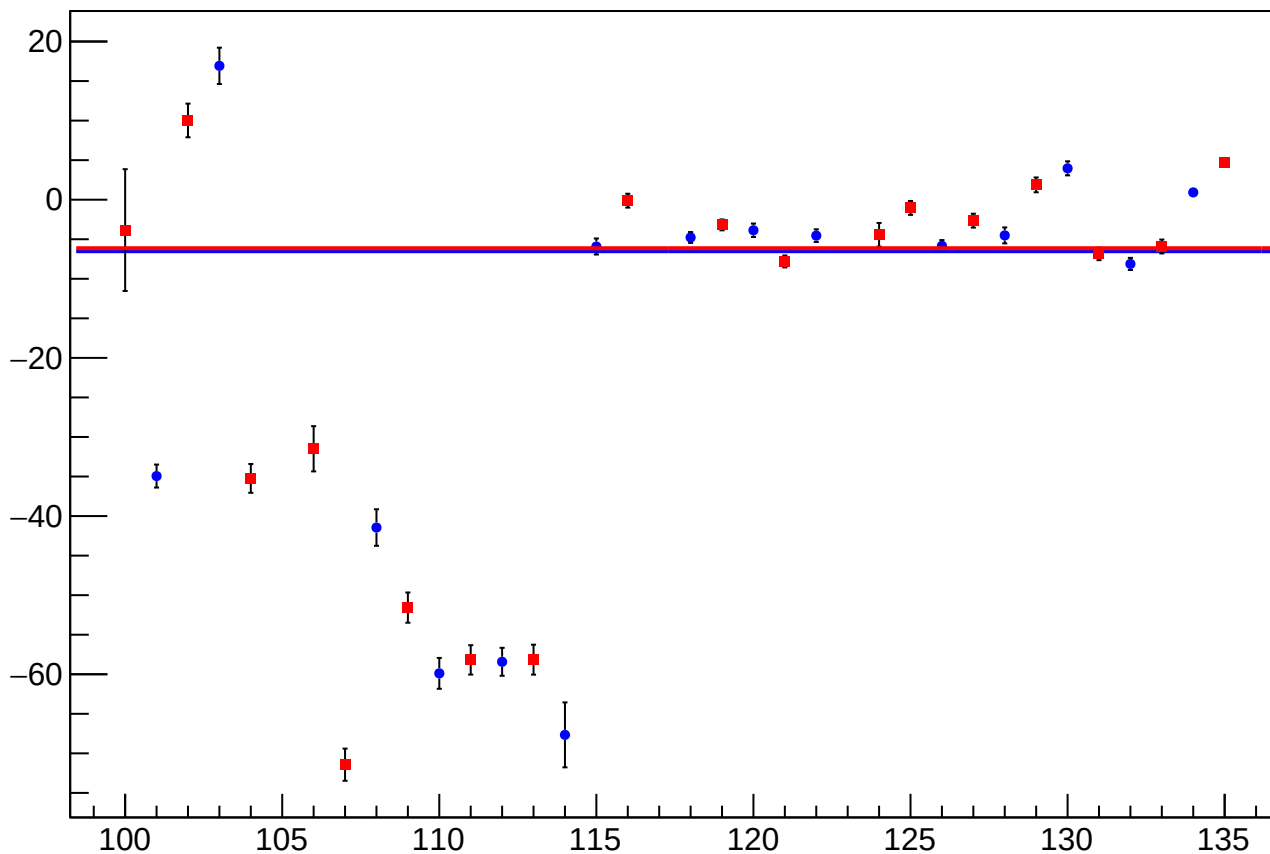
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -42.416 ± 0.176 χ^2/NDF : 3576.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1526_avg_diff_bpm4eY_slope vs Slug



Right In: -6.510 $\pm$ 0.244 χ^2 /NDF: 2907.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -6.135 $\pm$ 0.241 χ^2 /NDF: 4097.0/17

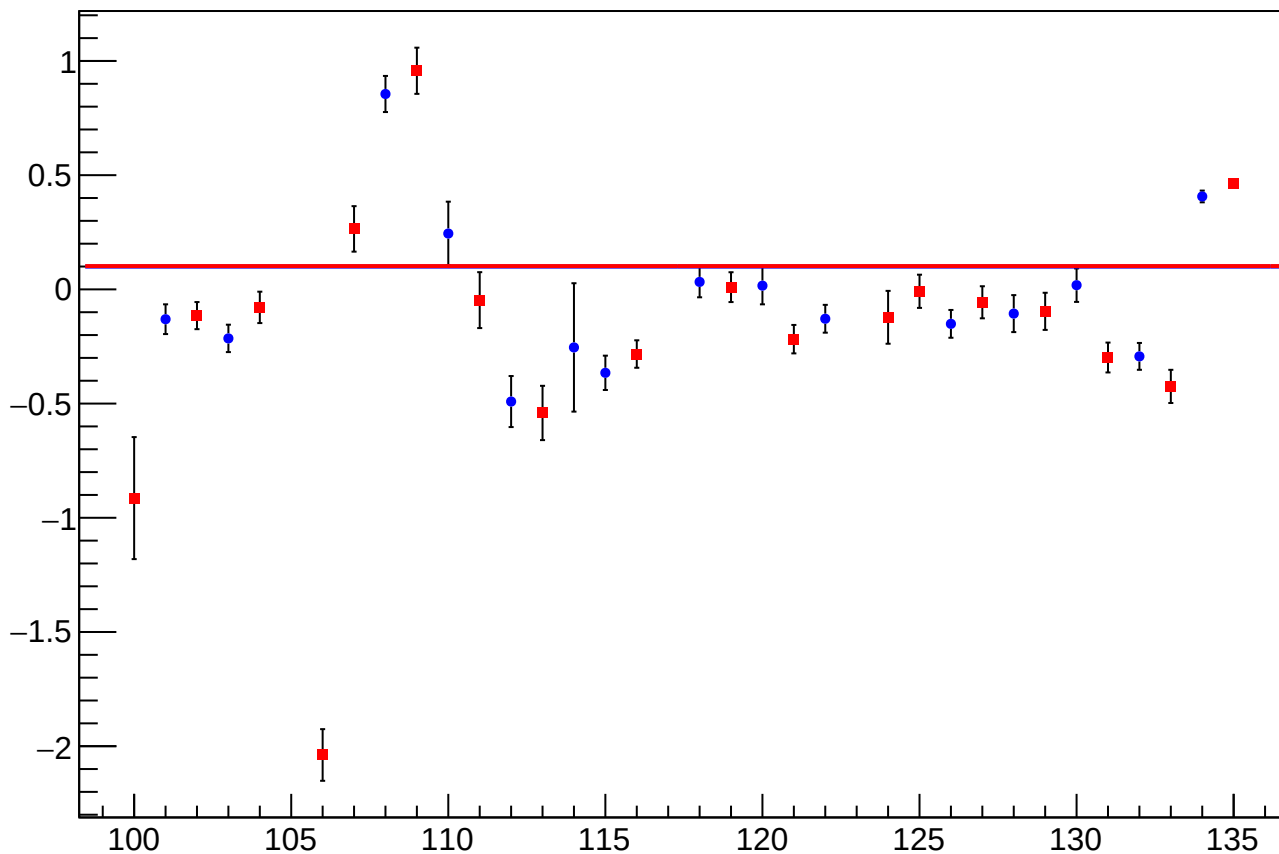
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.320 $\pm$ 0.172 χ^2 /NDF: 7006.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1526_avg_diff_bpm12X_slope vs Slug



Right In: 0.100+/-0.016 χ^2/NDF : 428.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.102+/-0.014 χ^2/NDF : 940.7/17

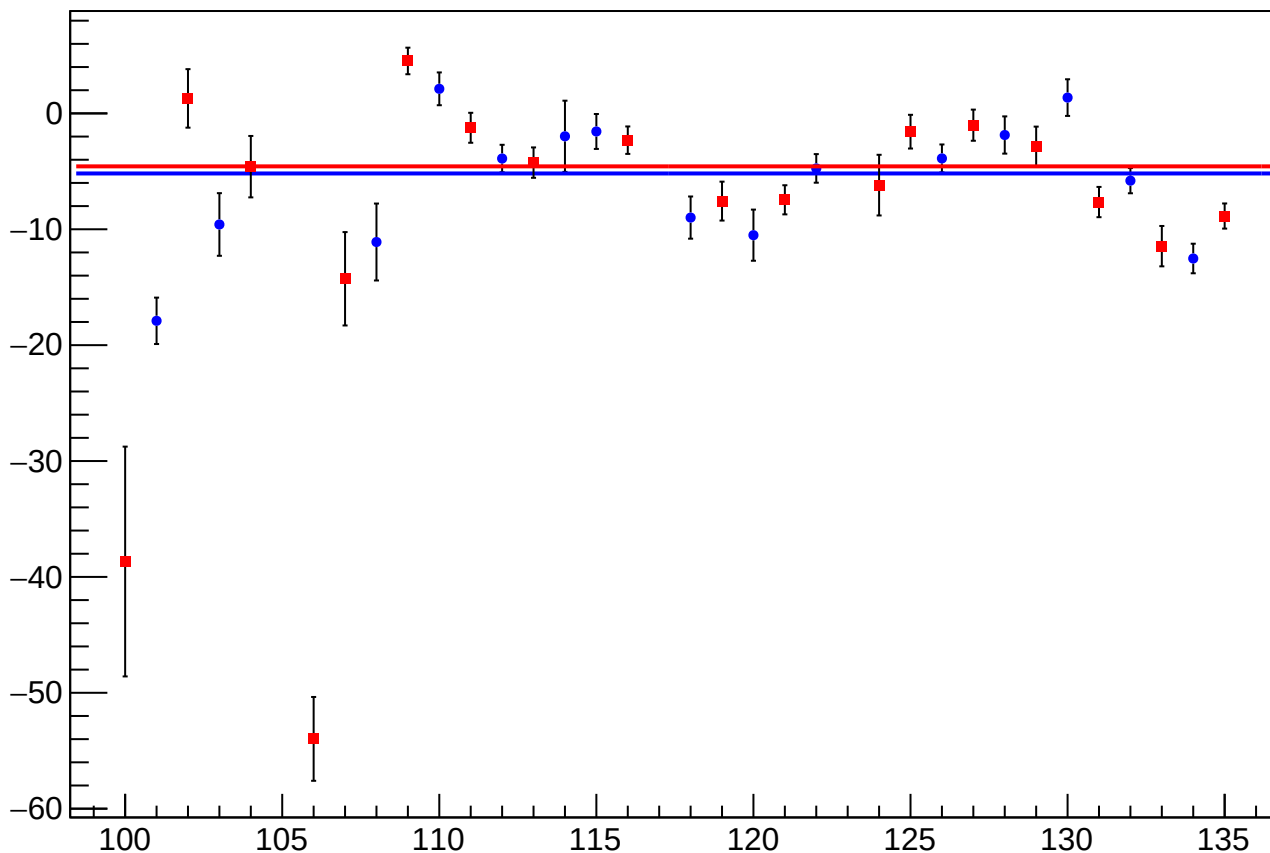
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.101+/-0.011 χ^2/NDF : 1369.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm1X_slope vs Slug



Right In: -5.184 ± 0.397 χ^2/NDF : 147.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.571 ± 0.369 χ^2/NDF : 340.7/17

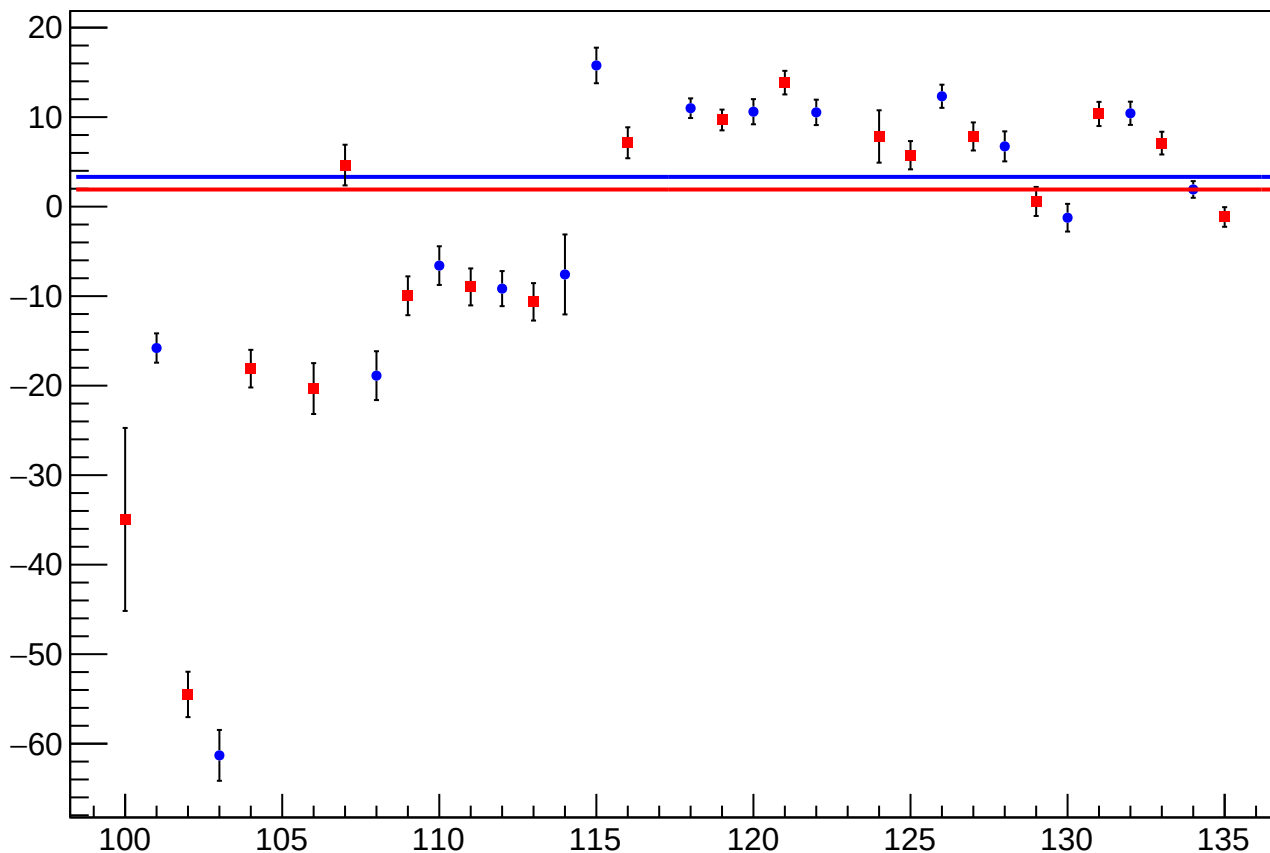
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.855 ± 0.270 χ^2/NDF : 489.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4aY_slope vs Slug



Right In: 3.323 $\pm$ 0.397 χ^2 /NDF: 1022.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.912 $\pm$ 0.397 χ^2 /NDF: 979.2/17

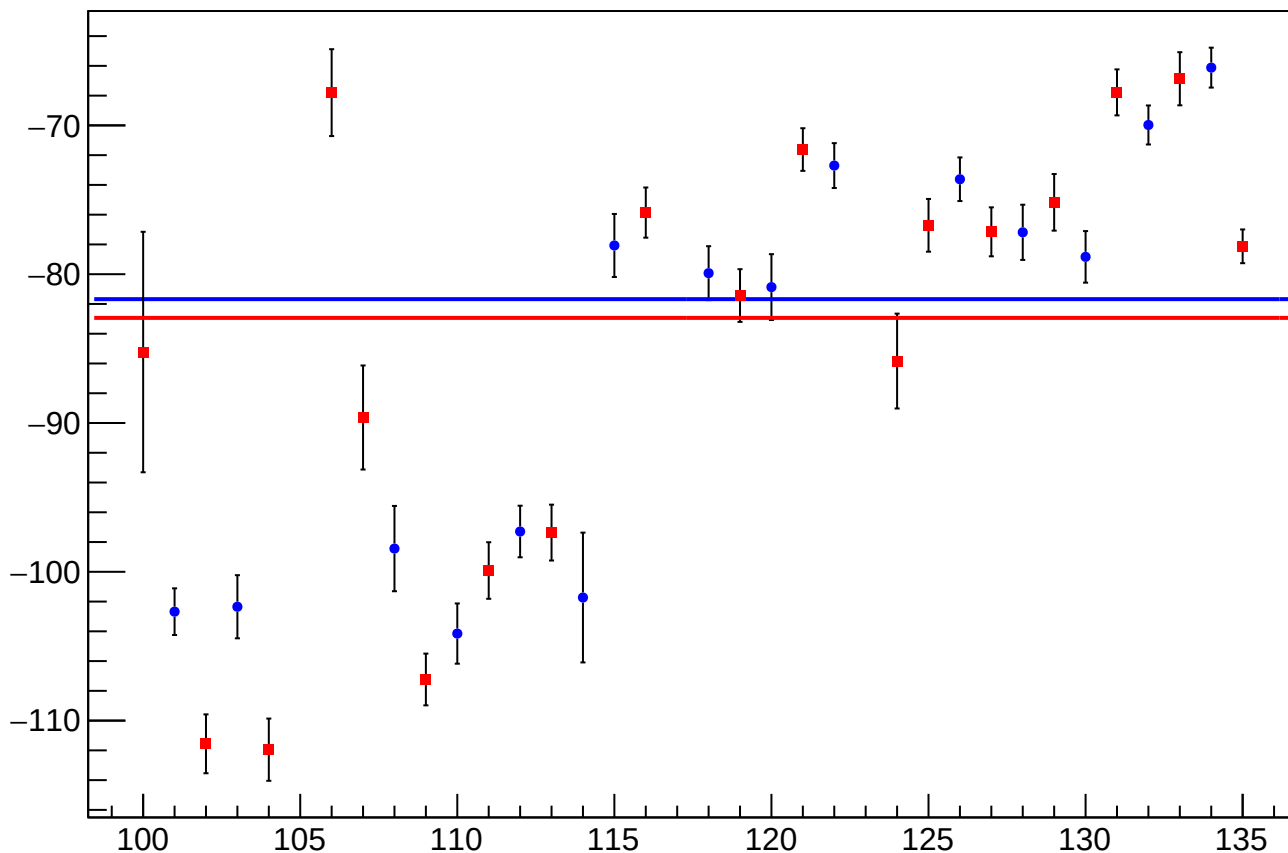
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.618 $\pm$ 0.281 χ^2 /NDF: 2007.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eX_slope vs Slug



Right In: -81.677 ± 0.457 χ^2/NDF : 826.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -82.936 ± 0.434 χ^2/NDF : 1084.9/17

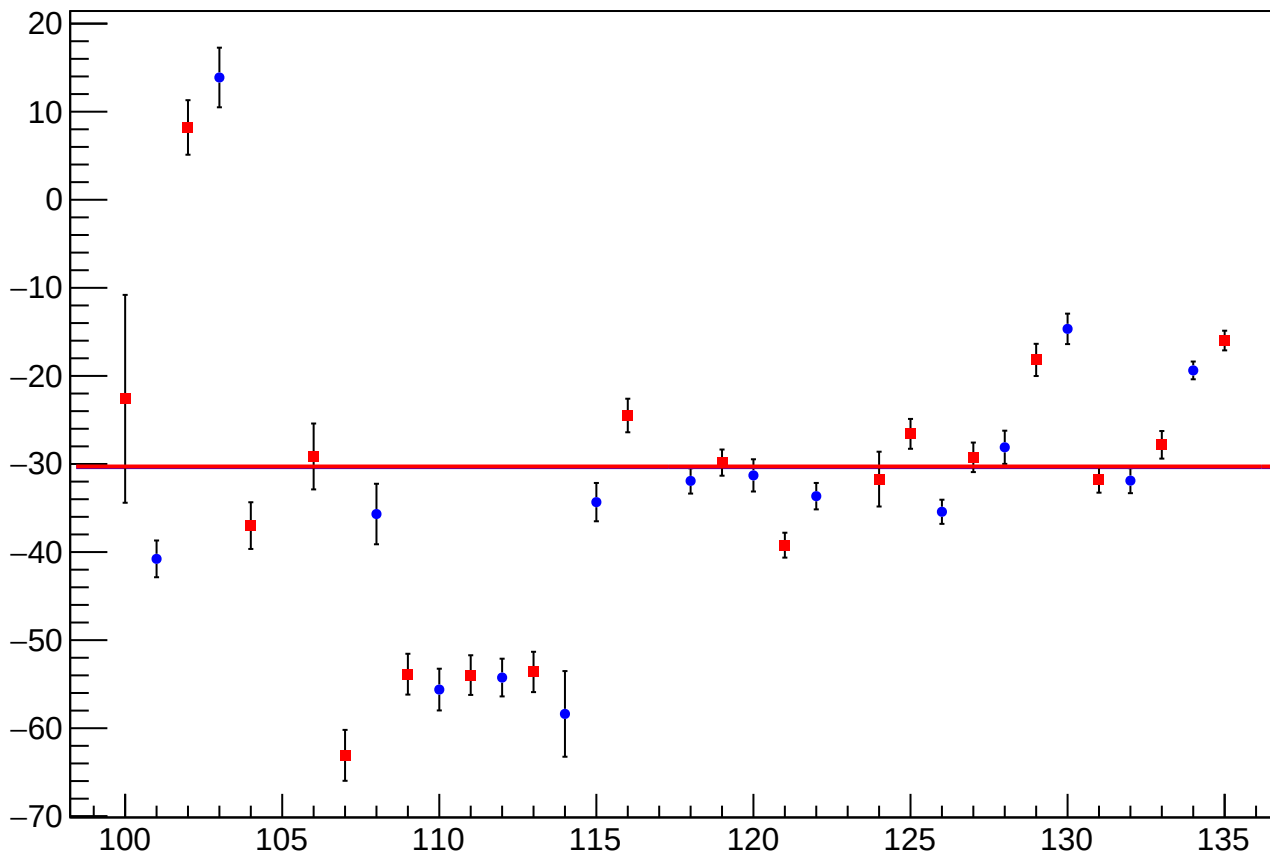
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -82.341 ± 0.315 χ^2/NDF : 1915.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm4eY_slope vs Slug



Right In: -30.352 ± 0.452 χ^2/NDF : 696.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.286 ± 0.446 χ^2/NDF : 874.1/17

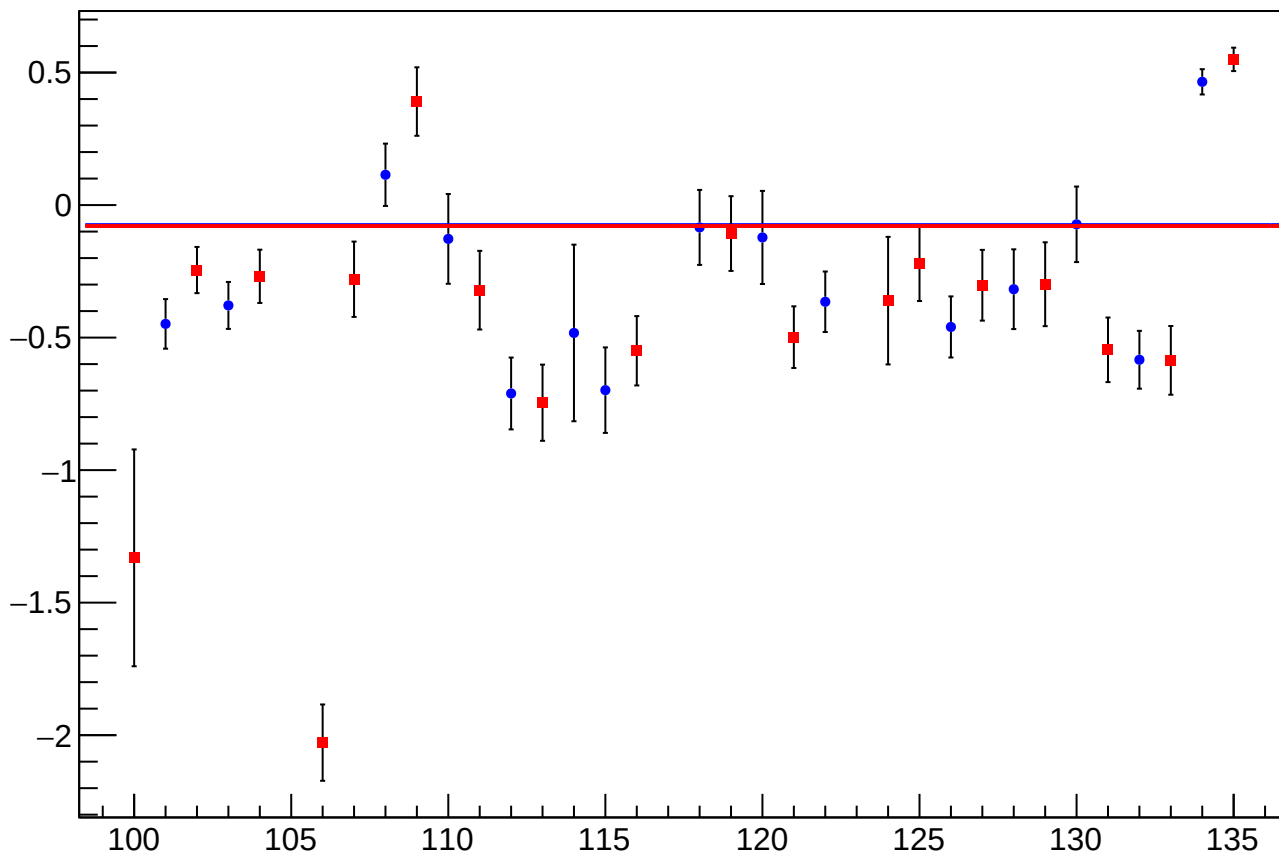
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -30.318 ± 0.317 χ^2/NDF : 1570.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_3726_avg_diff_bpm12X_slope vs Slug



Right In: -0.076 ± 0.028 χ^2/NDF : 238.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.079 ± 0.026 χ^2/NDF : 504.9/17

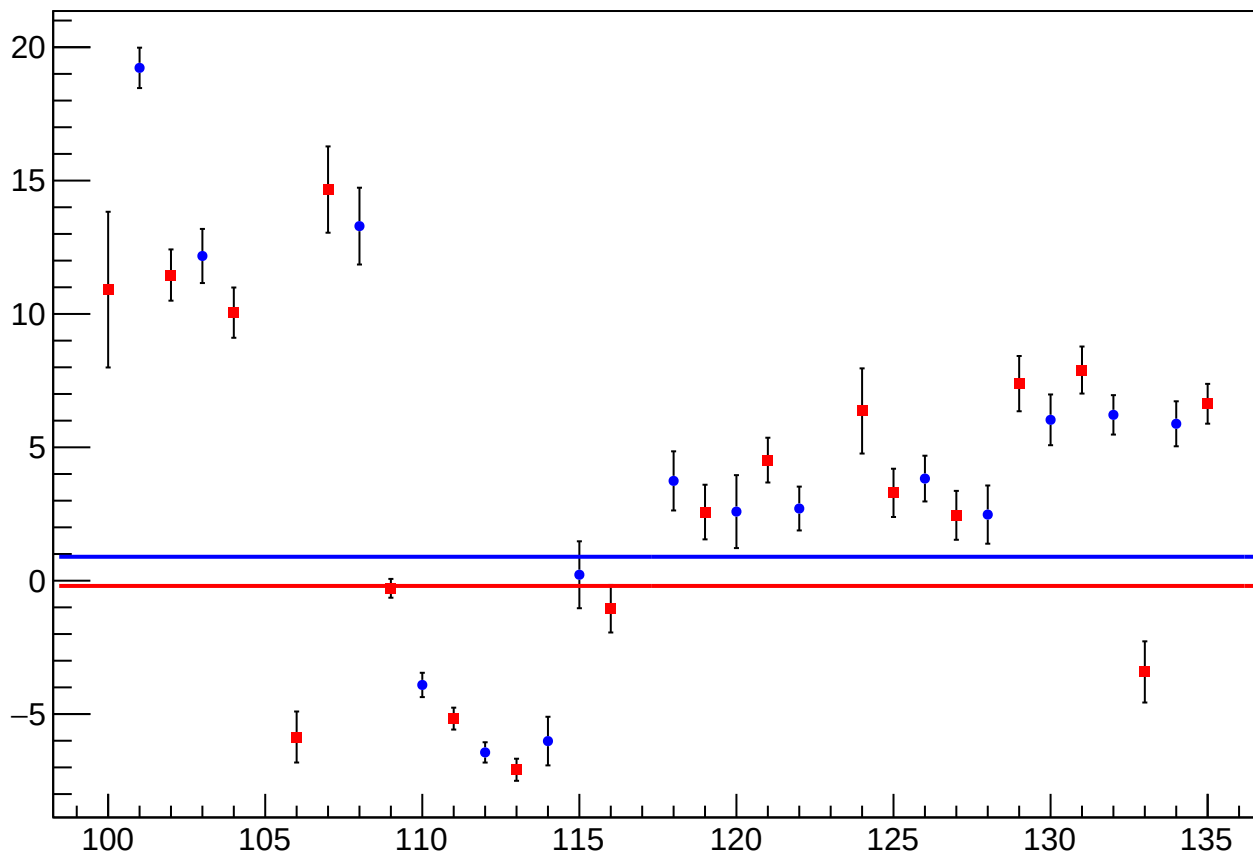
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.077 ± 0.019 χ^2/NDF : 743.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_48_dd_diff_bpm1X_slope vs Slug



Right In: 0.897 $\pm$ 0.196 χ^2 /NDF: 1466.3/14

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

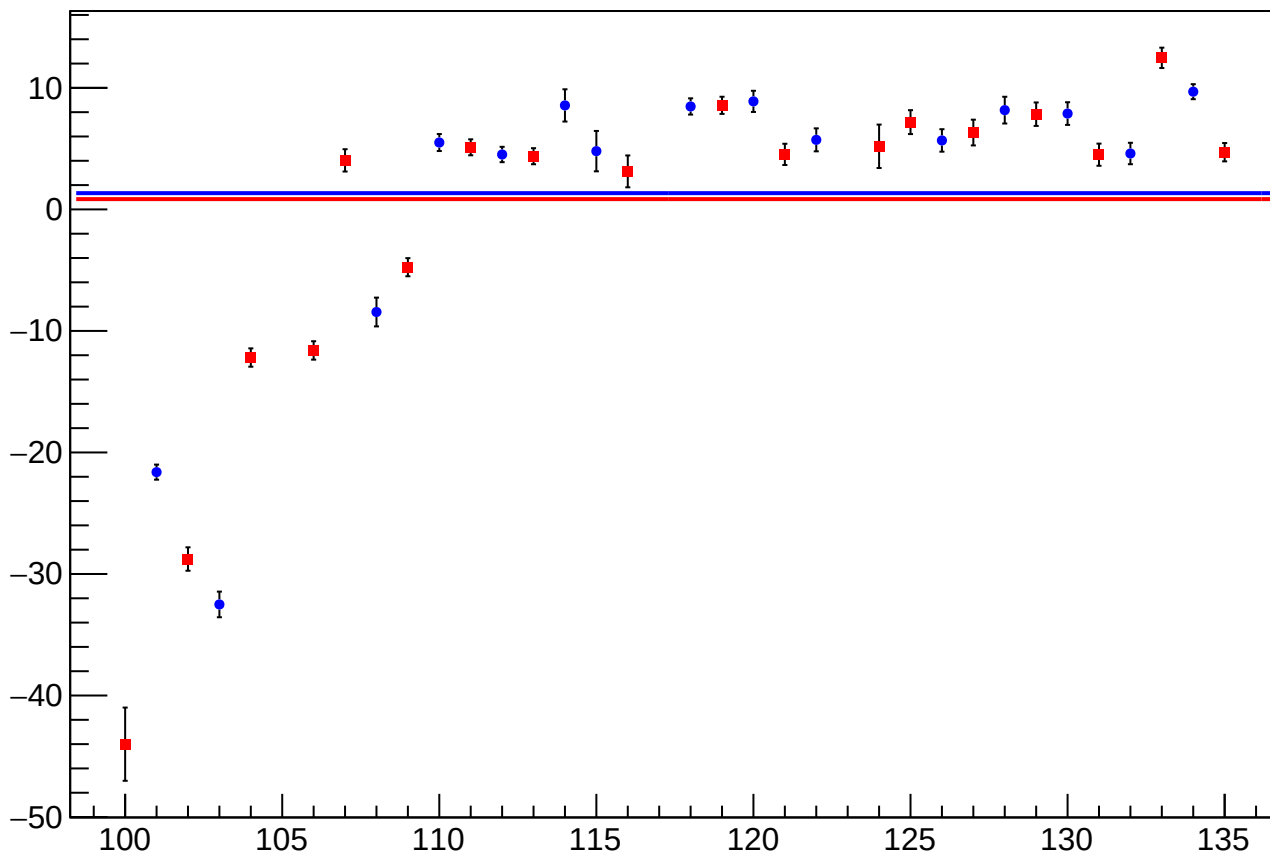
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.272 $\pm$ 0.128 χ^2 /NDF: 2617.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4aY_slope vs Slug



Right In: 1.337 $\pm$ 0.216 χ^2 /NDF: 3077.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.846 $\pm$ 0.205 χ^2 /NDF: 2374.7/17

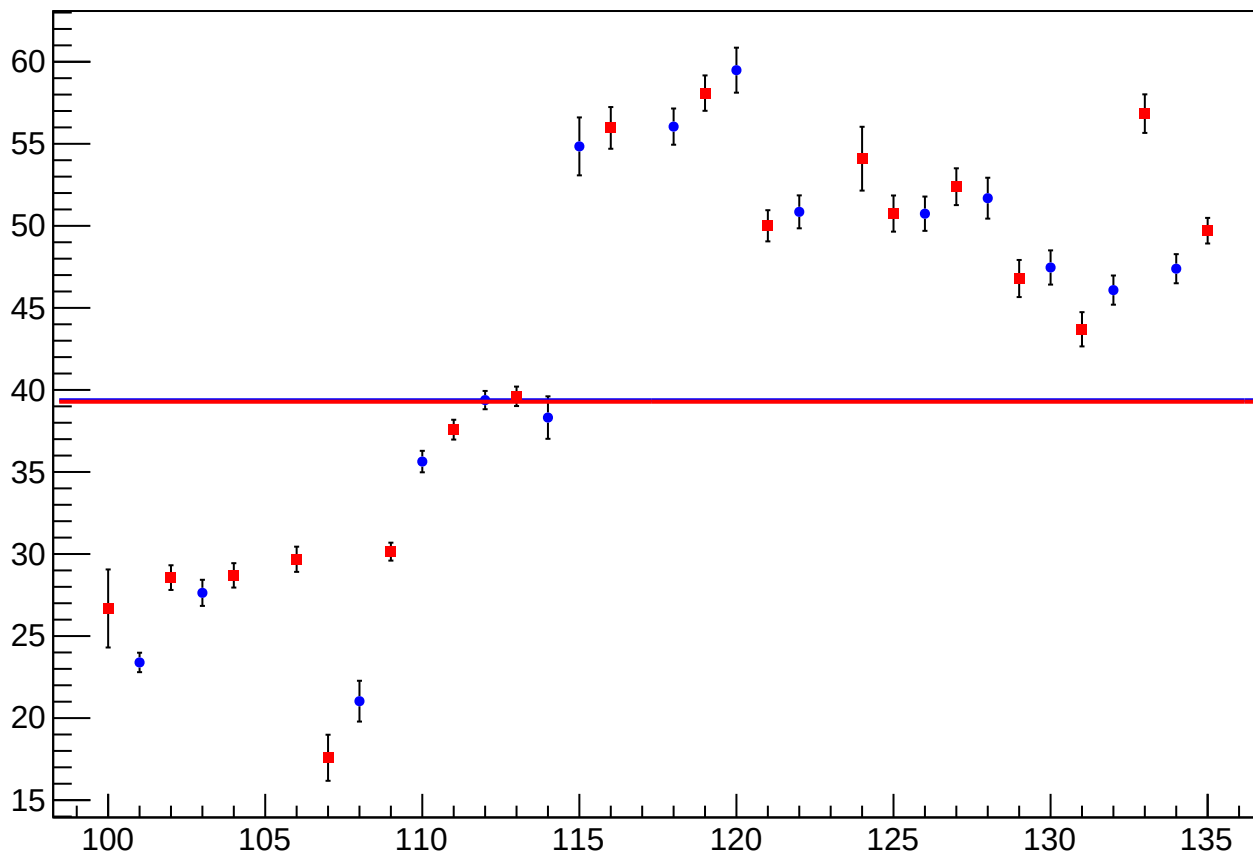
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.078 $\pm$ 0.149 χ^2 /NDF: 5454.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eX_slope vs Slug



Right In: 39.372+/-0.230 χ^2 /NDF: 2261.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.281+/-0.207 χ^2 /NDF: 2487.3/17

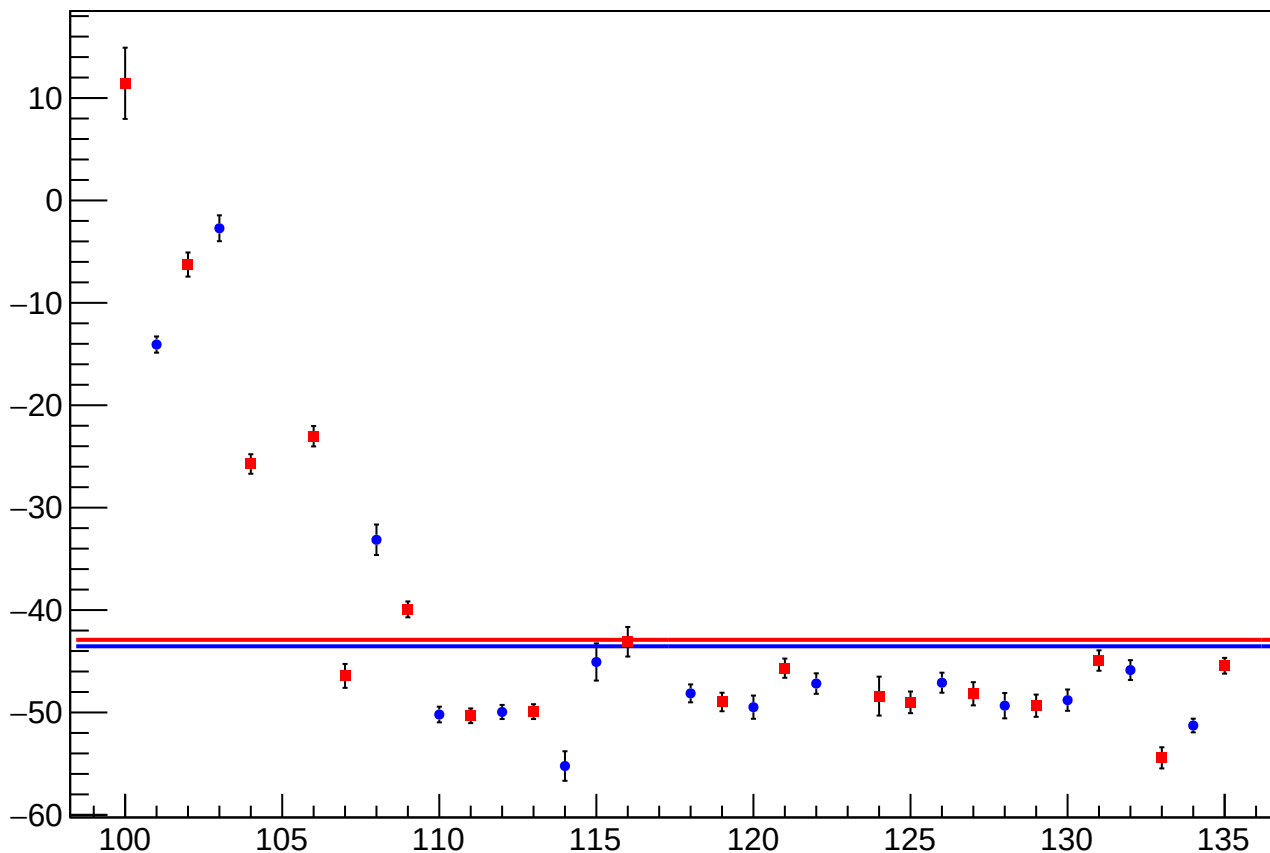
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 39.321+/-0.154 χ^2 /NDF: 4748.4/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm4eY_slope vs Slug



Right In: -43.539 $\pm$ 0.248 χ^2 /NDF: 2977.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -42.906 $\pm$ 0.233 χ^2 /NDF: 2453.4/17

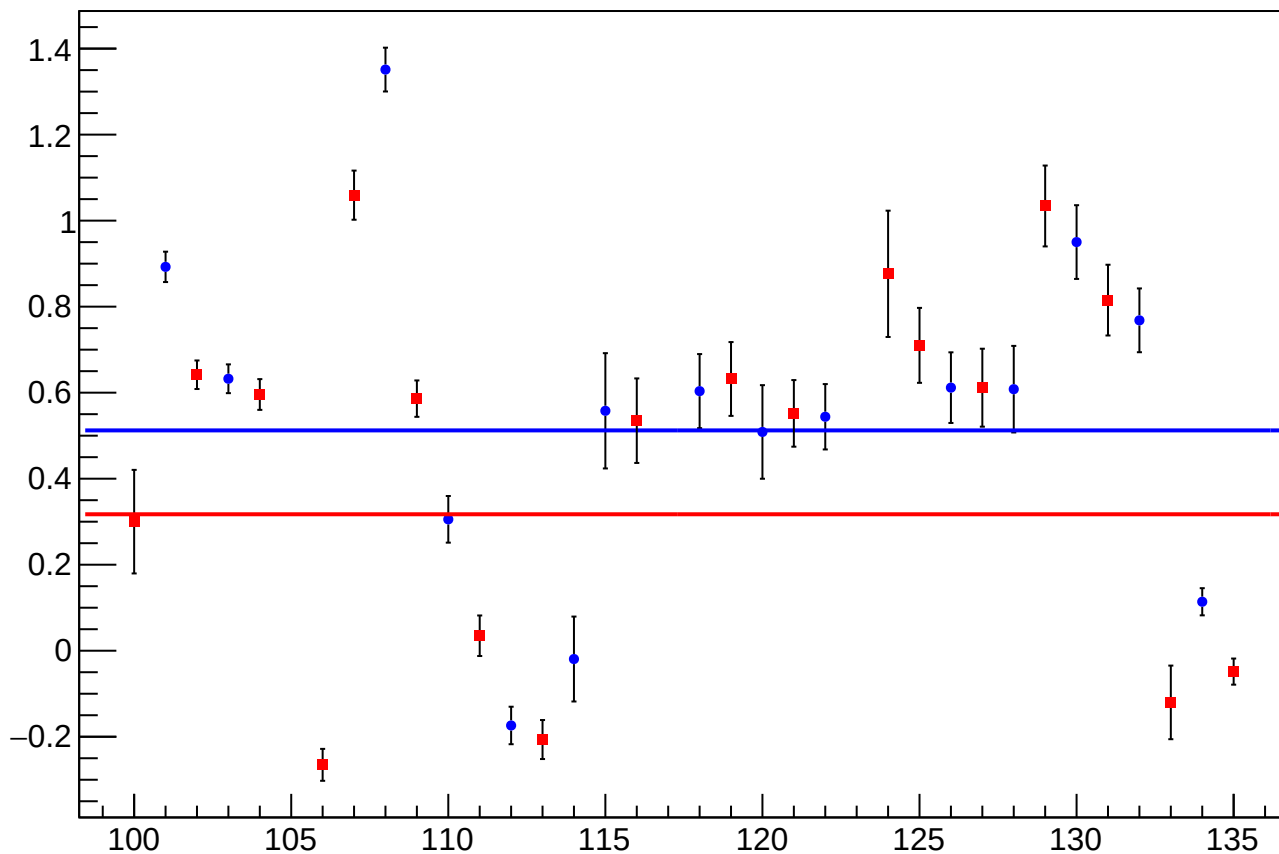
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -43.202 $\pm$ 0.170 χ^2 /NDF: 5434.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.512 $\pm$ 0.014 χ^2 /NDF: 892.4/14

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

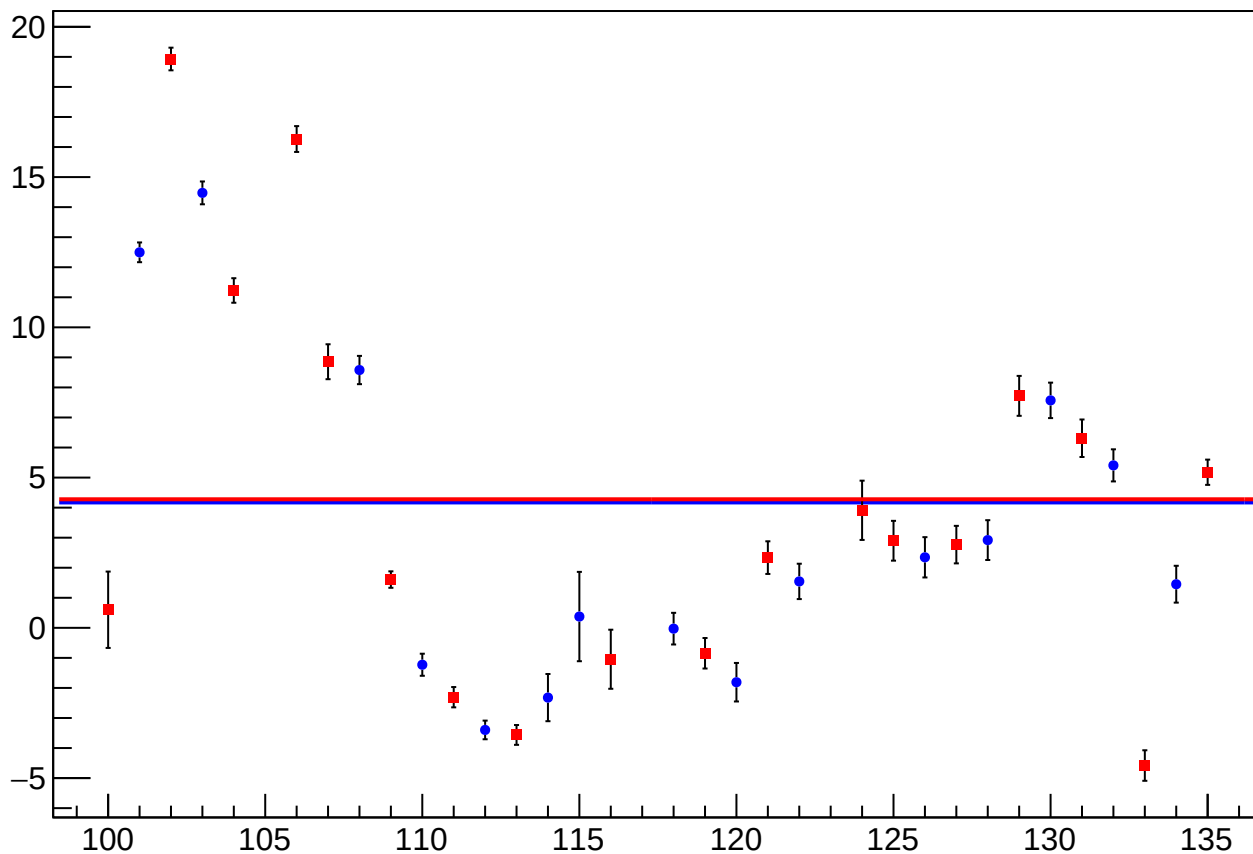
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.403 $\pm$ 0.009 χ^2 /NDF: 2120.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm1X_slope vs Slug



Right In: 4.173 $\pm$ 0.126 χ^2 /NDF: 2590.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.278 $\pm$ 0.111 χ^2 /NDF: 4188.5/17

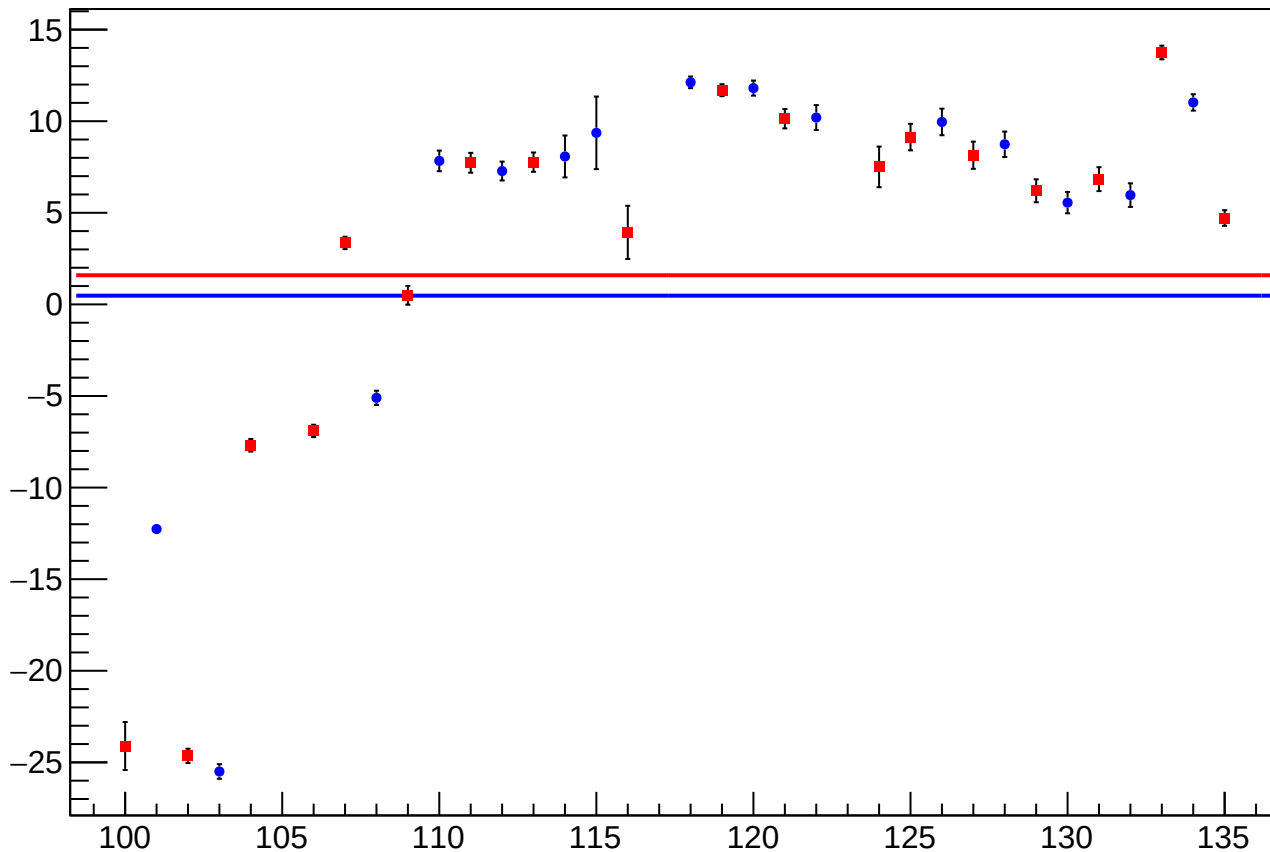
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 4.232 $\pm$ 0.083 χ^2 /NDF: 6779.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4aY_slope vs Slug



Right In: 0.475+/-0.122 χ^2/NDF : 10415.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.591+/-0.112 χ^2/NDF : 9250.3/17

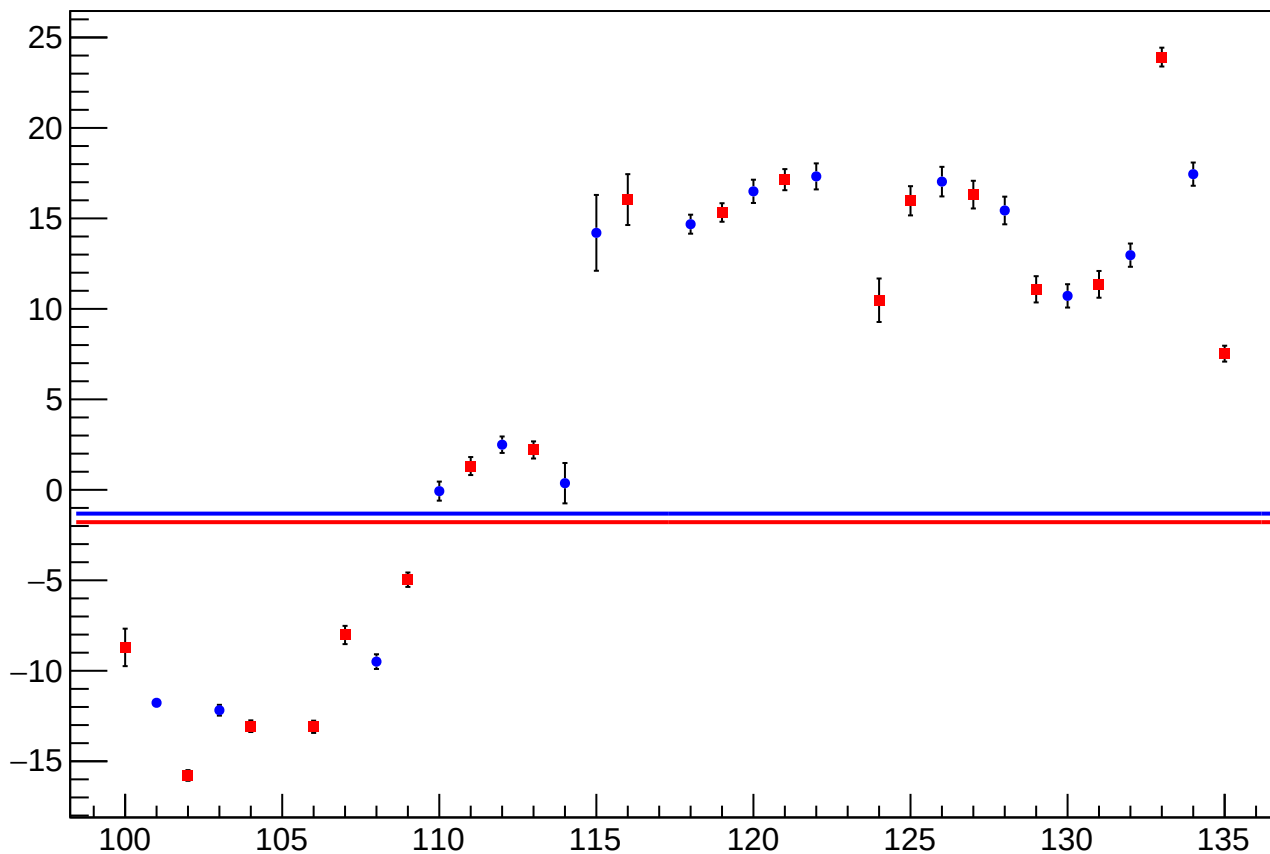
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.081+/-0.083 χ^2/NDF : 19711.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eX_slope vs Slug



Right In: -1.314 ± 0.129 χ^2/NDF : 8570.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.787 ± 0.117 χ^2/NDF : 11953.4/17

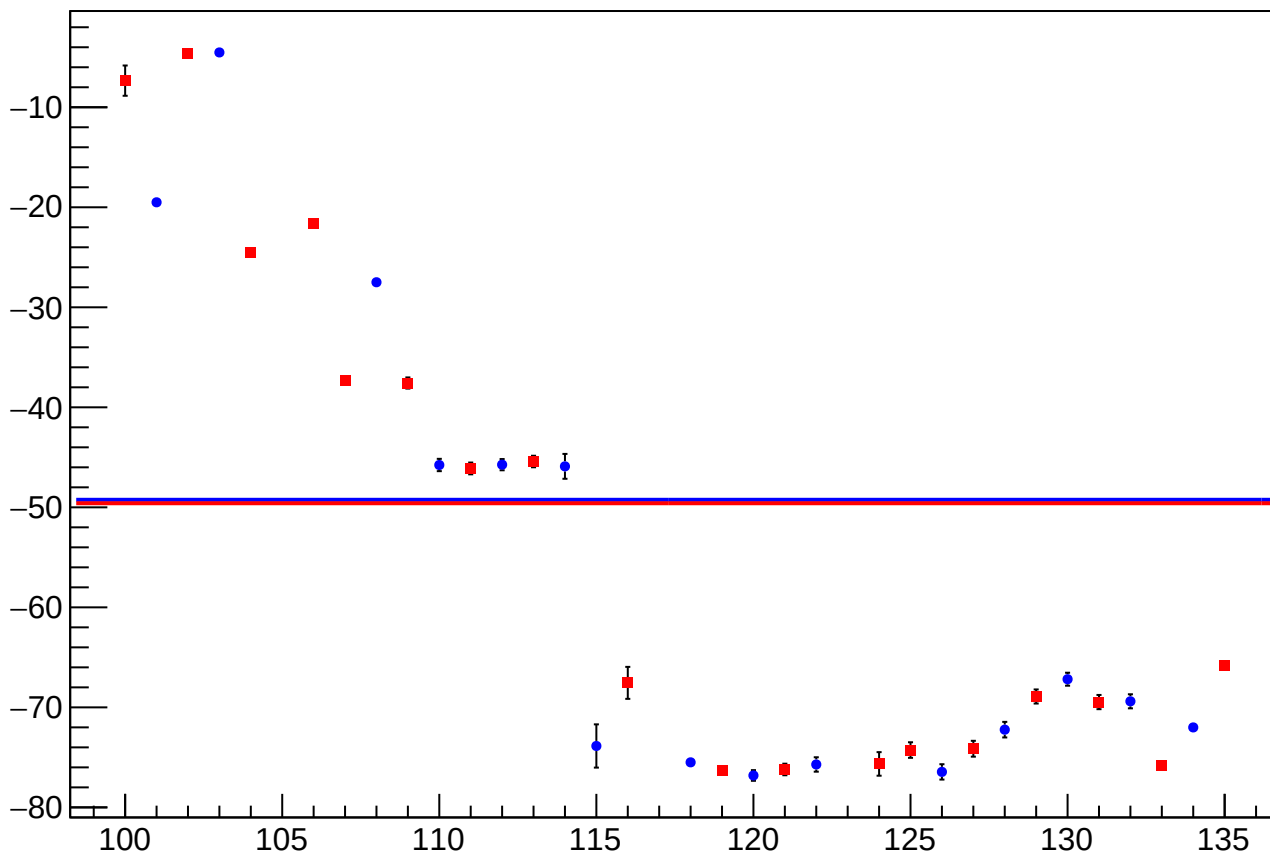
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.573 ± 0.086 χ^2/NDF : 20531.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm4eY_slope vs Slug



Right In: -49.247 ± 0.146 χ^2/NDF : 32393.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -49.592 ± 0.132 χ^2/NDF : 33563.9/17

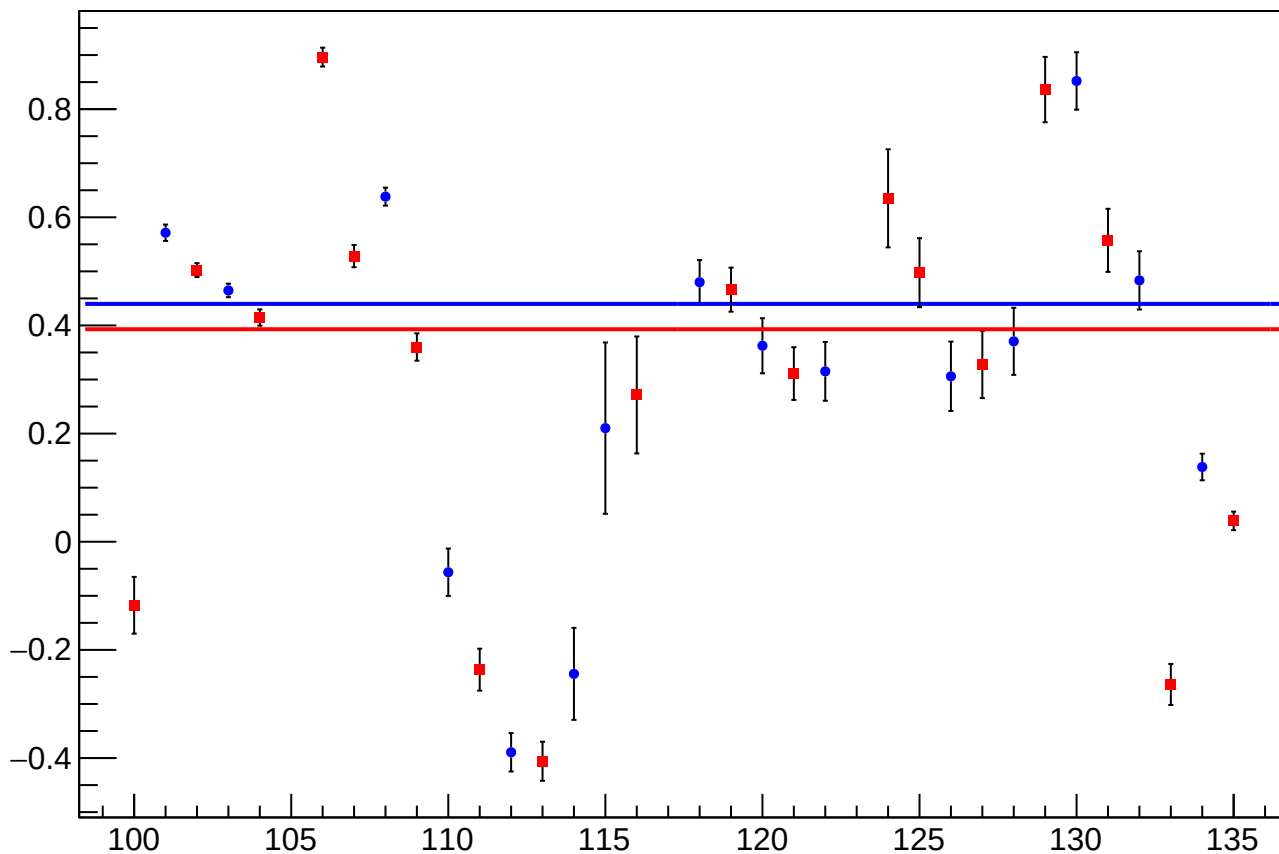
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -49.436 ± 0.098 χ^2/NDF : 65960.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_48_dd_diff_bpm12X_slope vs Slug



Right In: 0.440 ± 0.007 χ^2/NDF : 1188.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 0.393 ± 0.006 χ^2/NDF : 2605.7/17

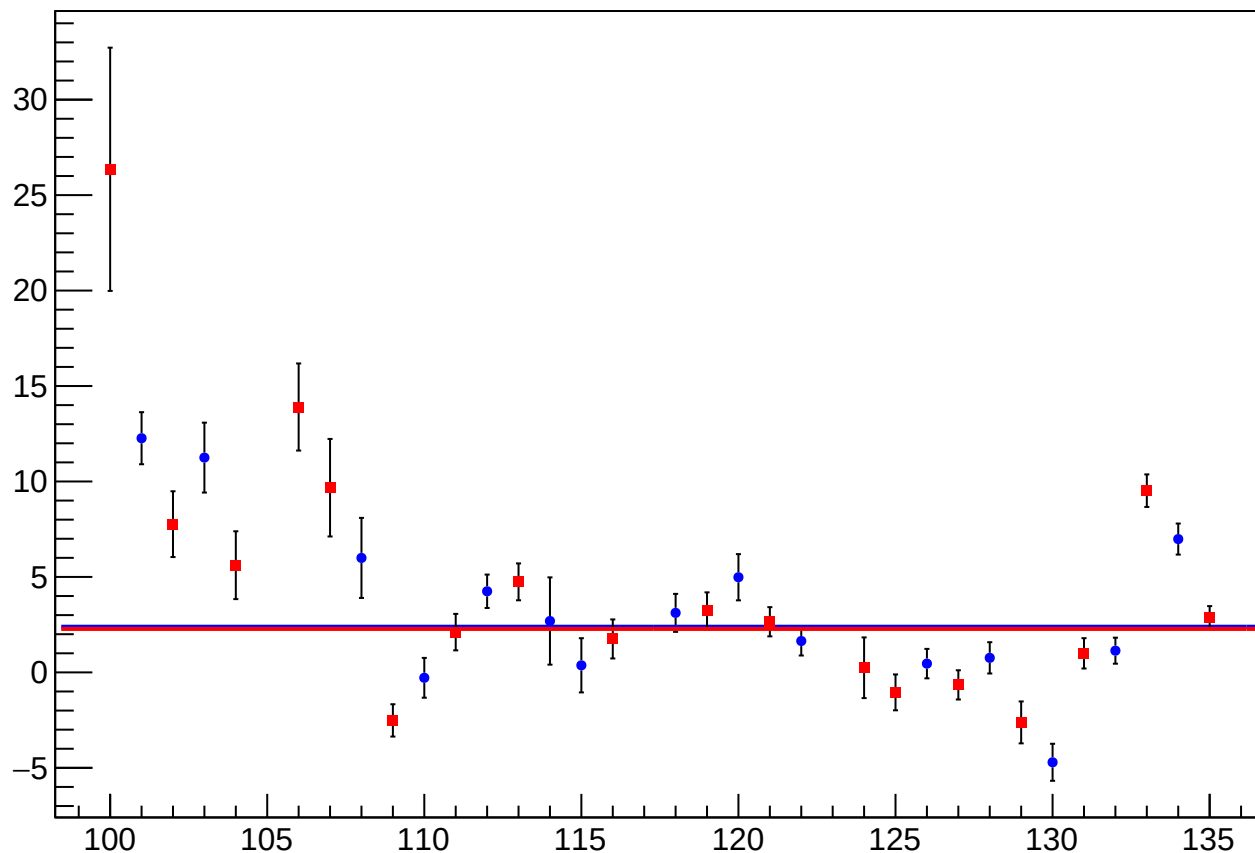
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 0.413 ± 0.005 χ^2/NDF : 3818.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm1X_slope vs Slug



Right In: 2.392 $\pm$ 0.256 χ^2 /NDF: 197.1/14

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

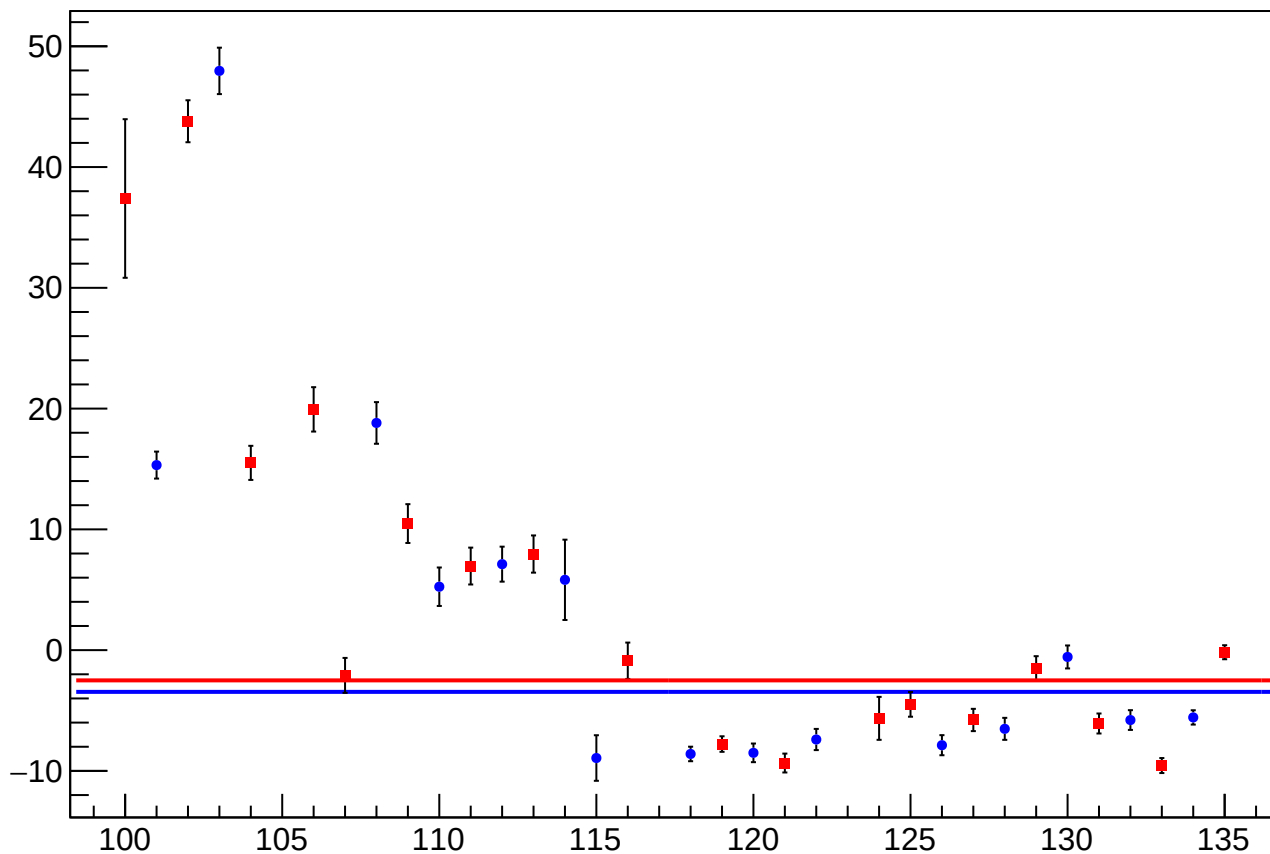
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.328 $\pm$ 0.172 χ^2 /NDF: 424.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4aY_slope vs Slug



Right In: -3.456+/-0.246 χ^2/NDF : 1469.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.505+/-0.237 χ^2/NDF : 1537.5/17

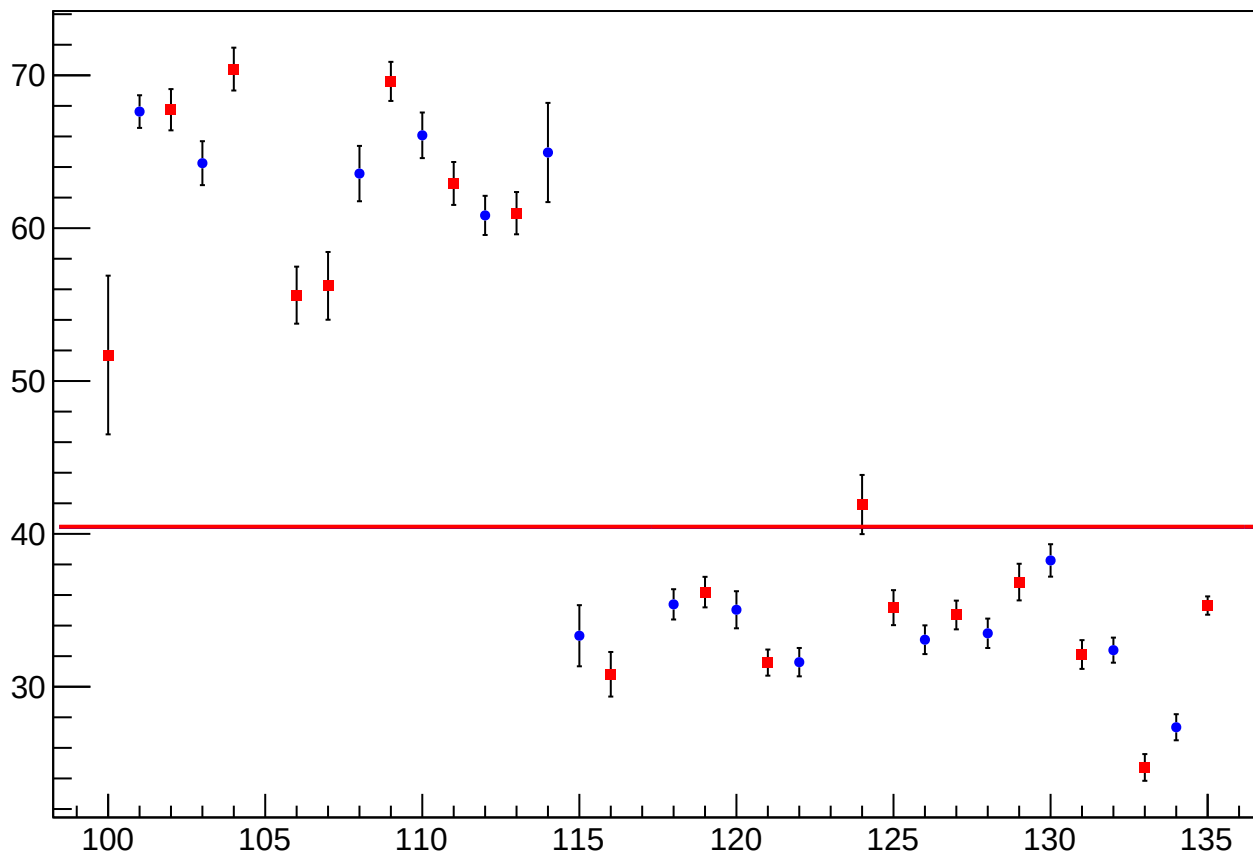
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.962+/-0.171 χ^2/NDF : 3015.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eX_slope vs Slug



Right In: 40.451 $\pm$ 0.290 χ^2 /NDF: 2289.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 40.468 $\pm$ 0.266 χ^2 /NDF: 2698.0/17

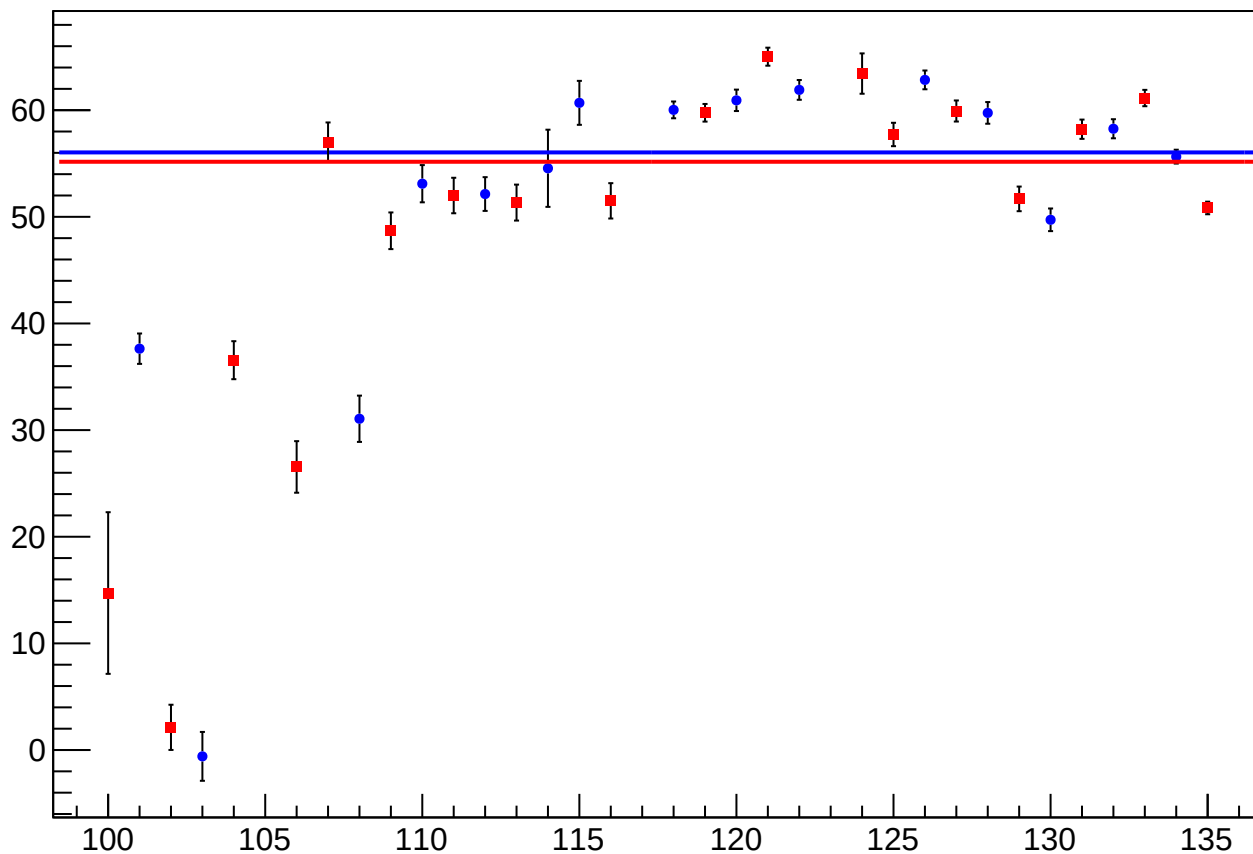
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 40.460 $\pm$ 0.196 χ^2 /NDF: 4987.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm4eY_slope vs Slug



Right In: 56.040 $\pm$ 0.283 χ^2 /NDF: 1128.6/14

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

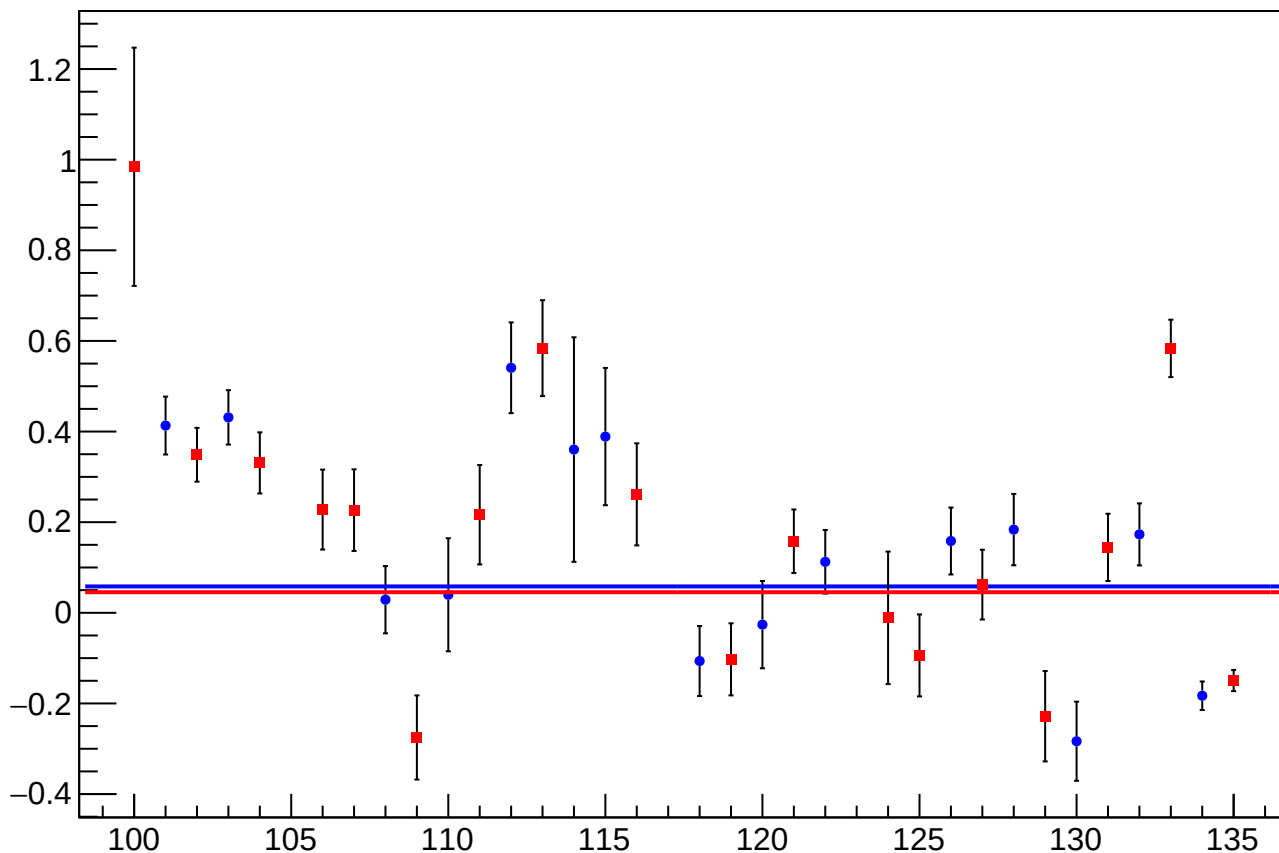
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 55.577 $\pm$ 0.194 χ^2 /NDF: 2415.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_15_26_dd_diff_bpm12X_slope vs Slug



Right In: 0.058 $\pm$ 0.018 χ^2 /NDF: 186.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.045 $\pm$ 0.015 χ^2 /NDF: 268.8/17

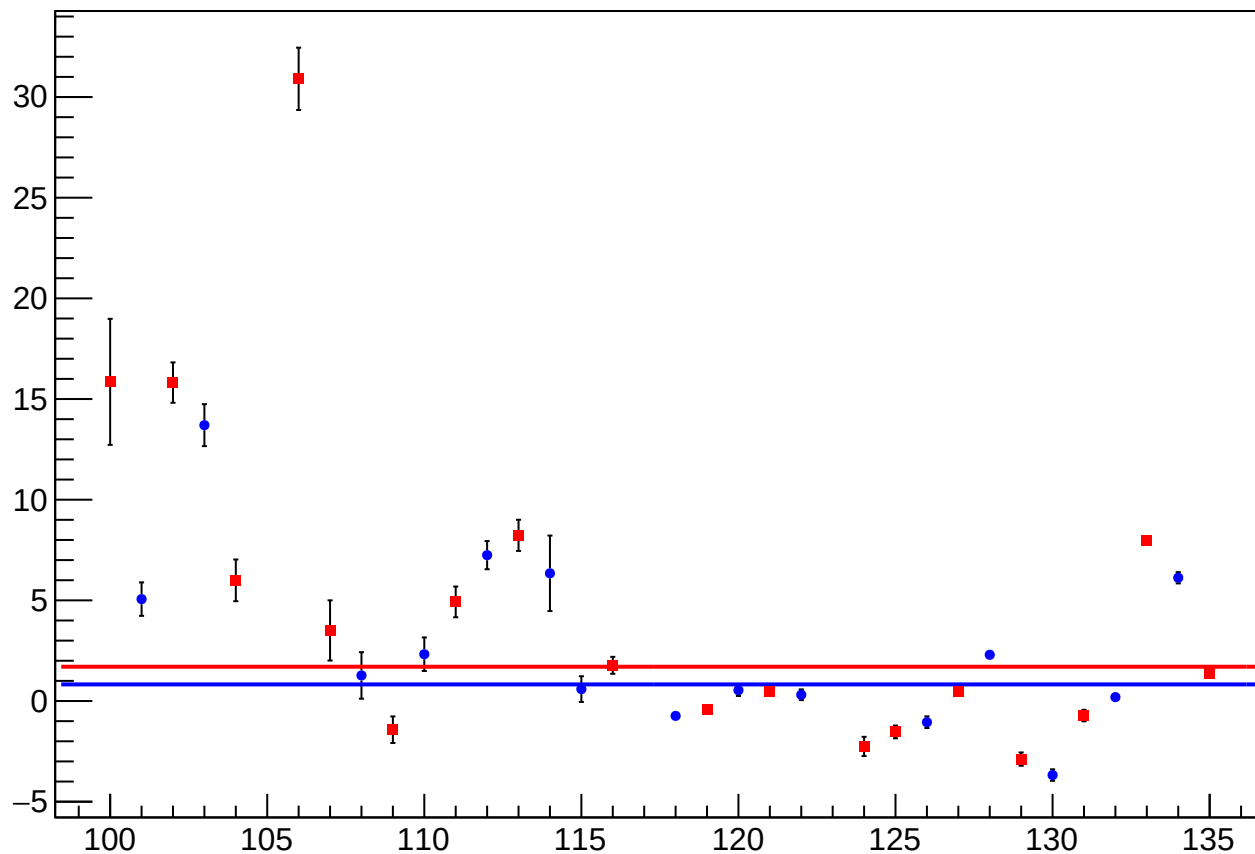
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.051 $\pm$ 0.012 χ^2 /NDF: 455.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_37_26_dd_diff_bpm1X_slope vs Slug



Right In: 0.825 ± 0.090 χ^2/NDF : 1015.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 1.704 ± 0.081 χ^2/NDF : 2343.3/17

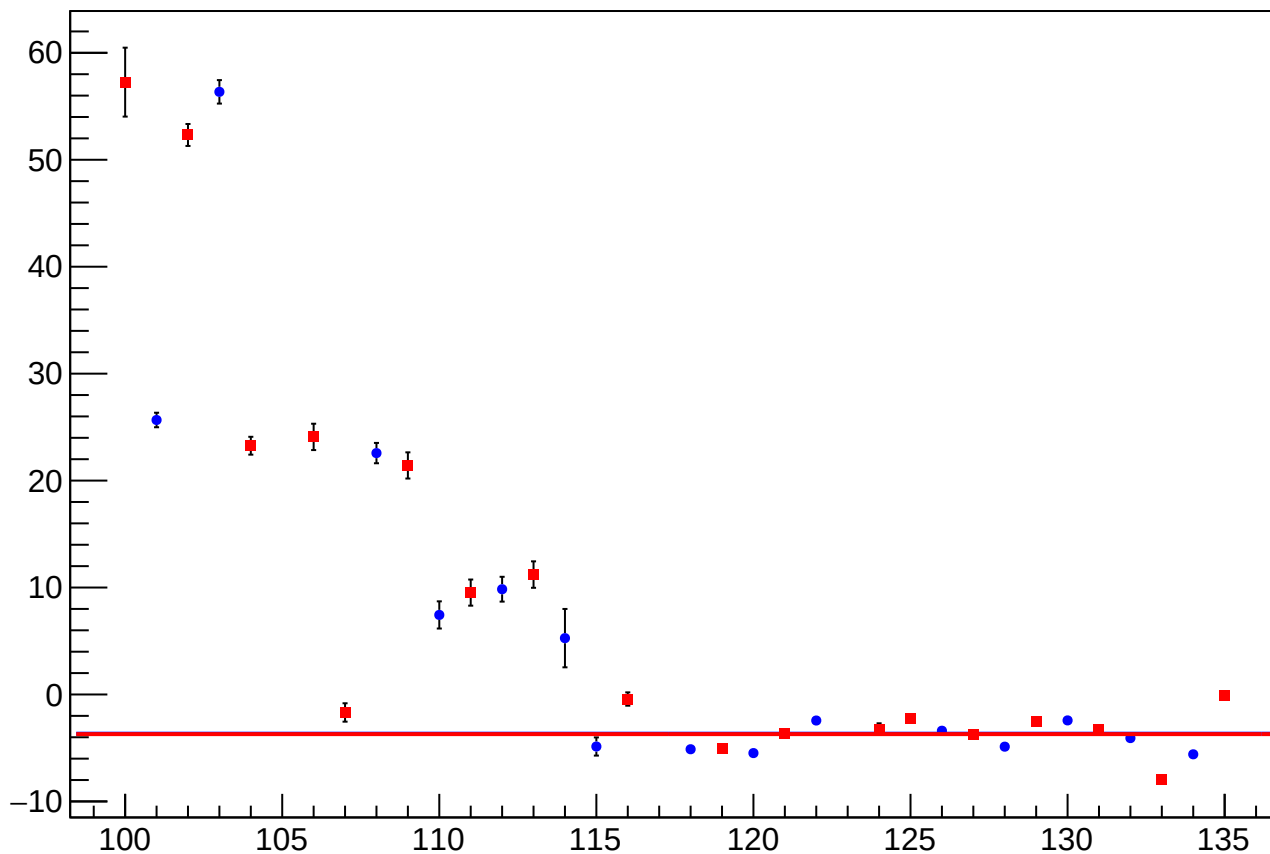
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 1.313 ± 0.060 χ^2/NDF : 3411.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4aY_slope vs Slug



Right In: -3.668+/-0.078 χ^2/NDF : 6185.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.707+/-0.072 χ^2/NDF : 6915.8/17

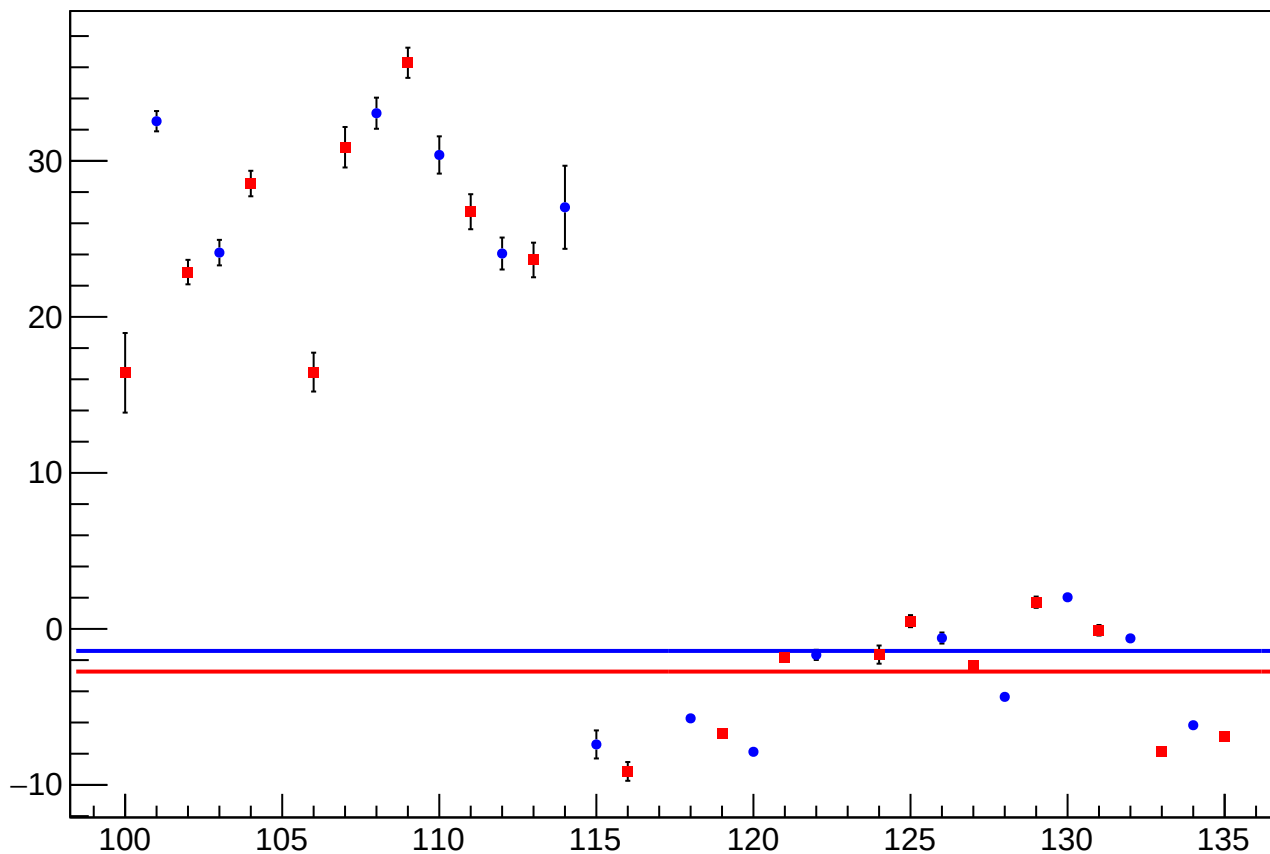
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.689+/-0.053 χ^2/NDF : 13101.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eX_slope vs Slug



Right In: -1.412 ± 0.100 χ^2/NDF : 7717.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.735 ± 0.088 χ^2/NDF : 8120.7/17

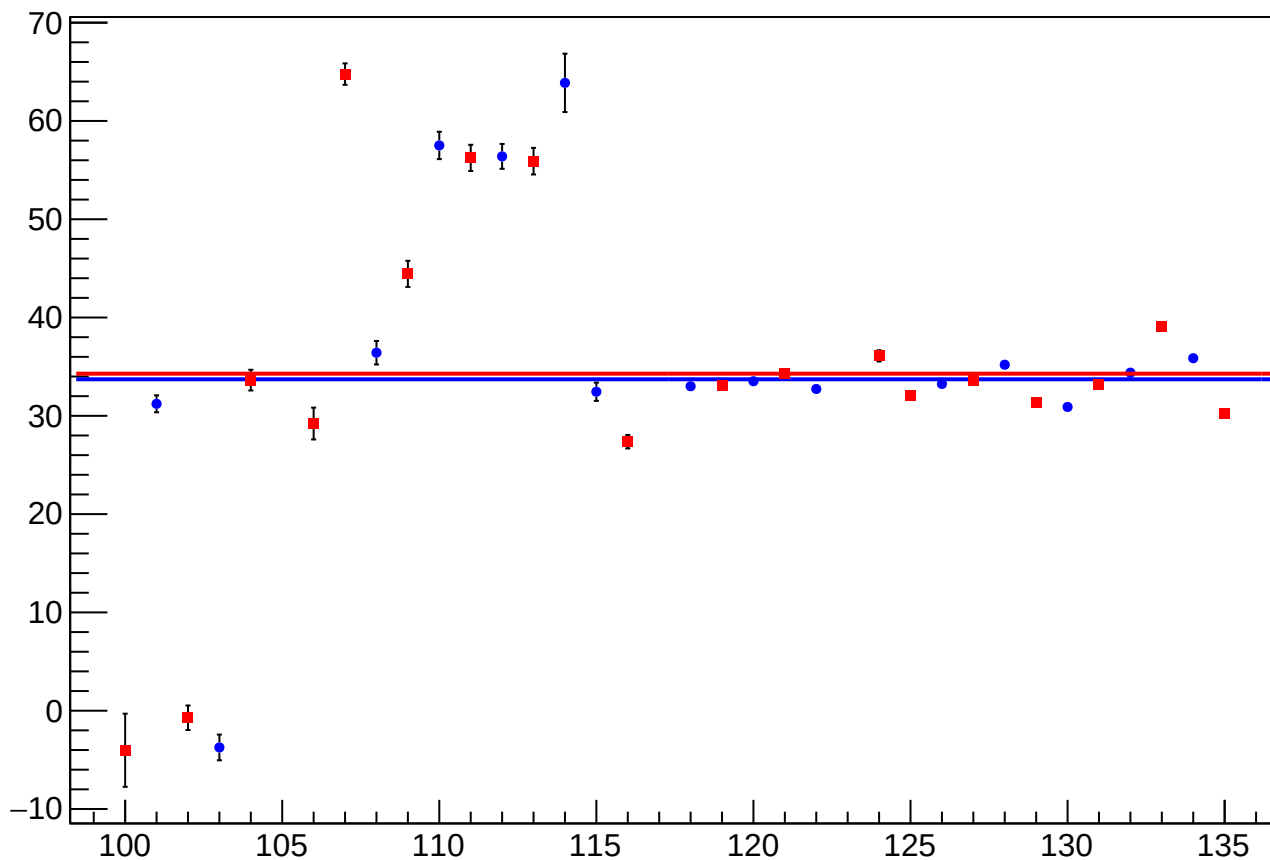
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.155 ± 0.066 χ^2/NDF : 15936.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm4eY_slope vs Slug



Right In: 33.719+/-0.092 χ^2/NDF : 1770.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 34.288+/-0.084 χ^2/NDF : 3656.1/17

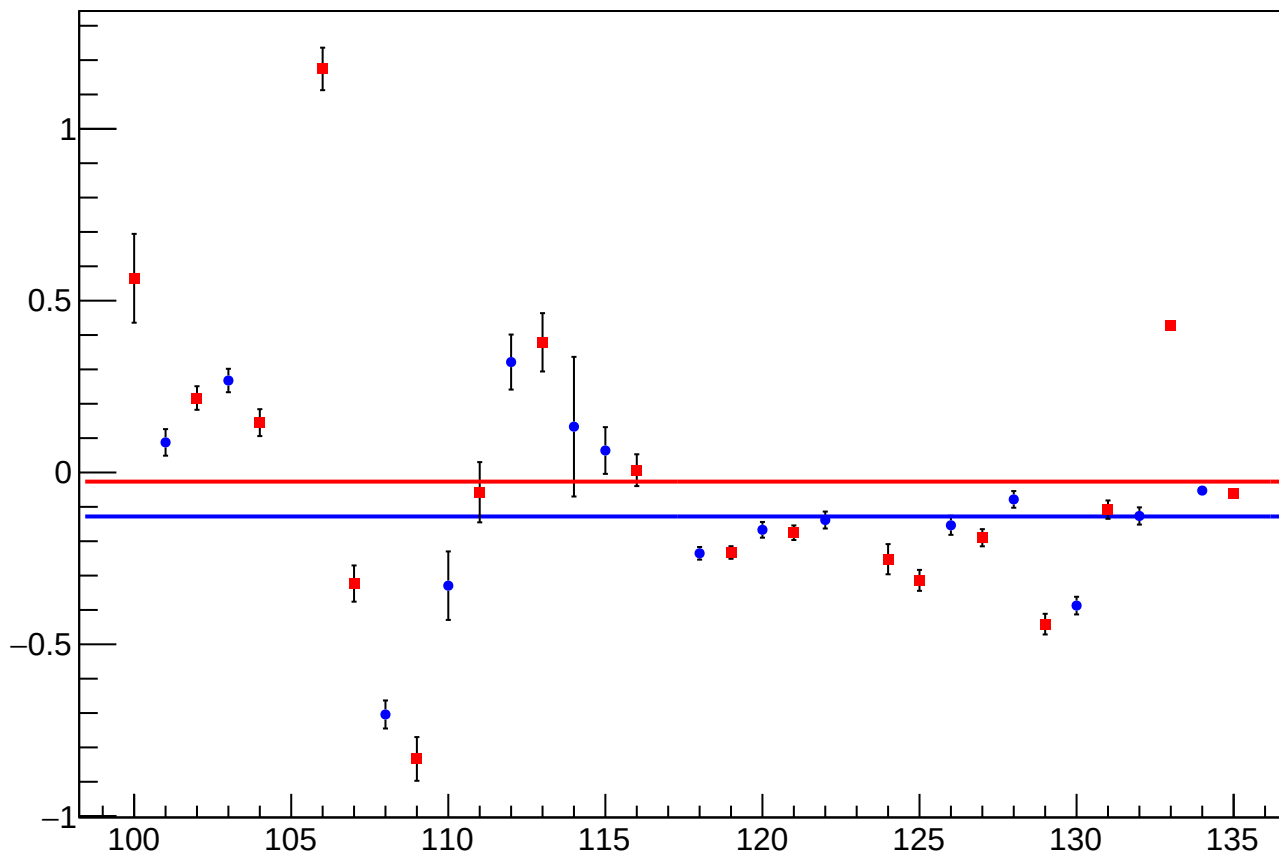
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 34.031+/-0.062 χ^2/NDF : 5447.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_37_26_dd_diff_bpm12X_slope vs Slug



Right In: -0.128 ± 0.007 χ^2/NDF : 592.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.027 ± 0.006 χ^2/NDF : 2257.4/17

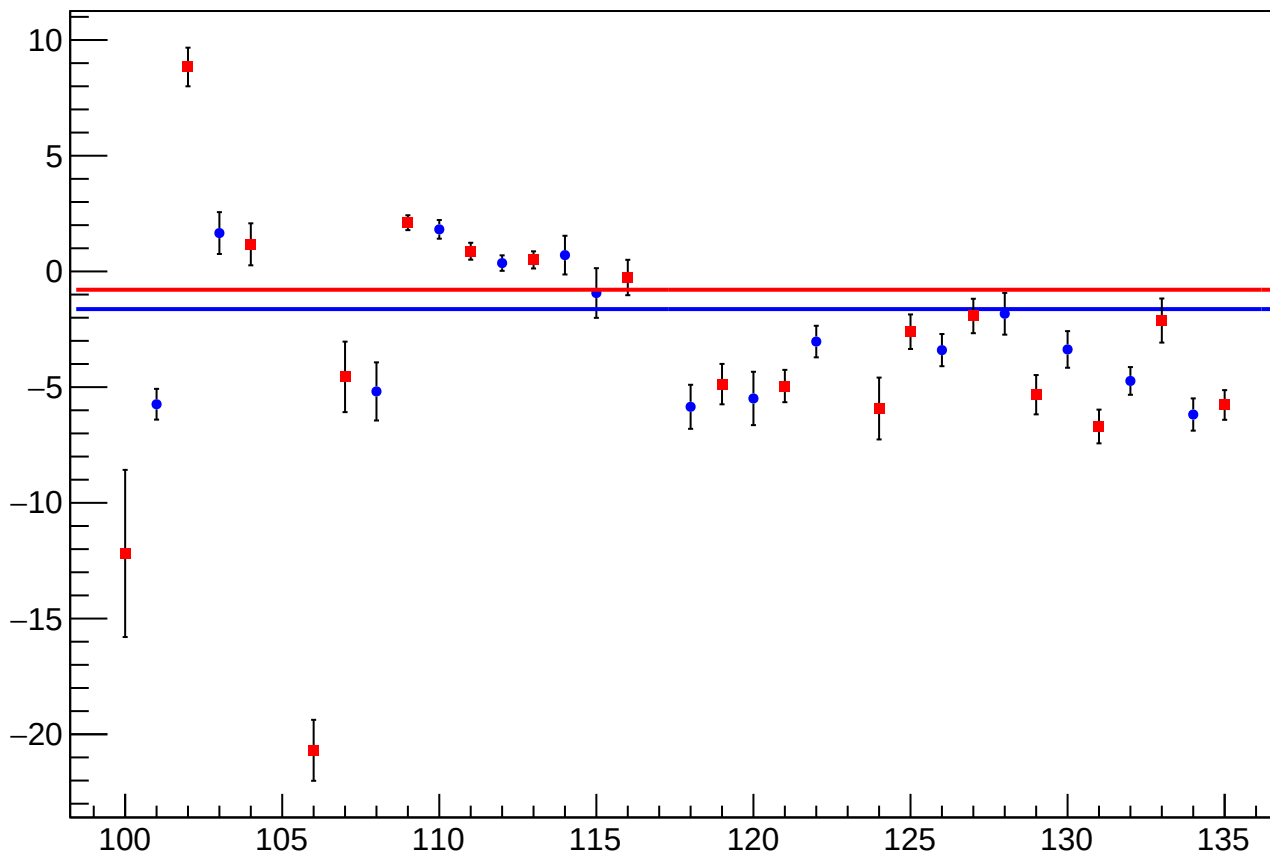
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.067 ± 0.004 χ^2/NDF : 2985.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm1X_slope vs Slug



Right In: -1.628 ± 0.169 χ^2/NDF : 291.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.791 ± 0.150 χ^2/NDF : 733.4/17

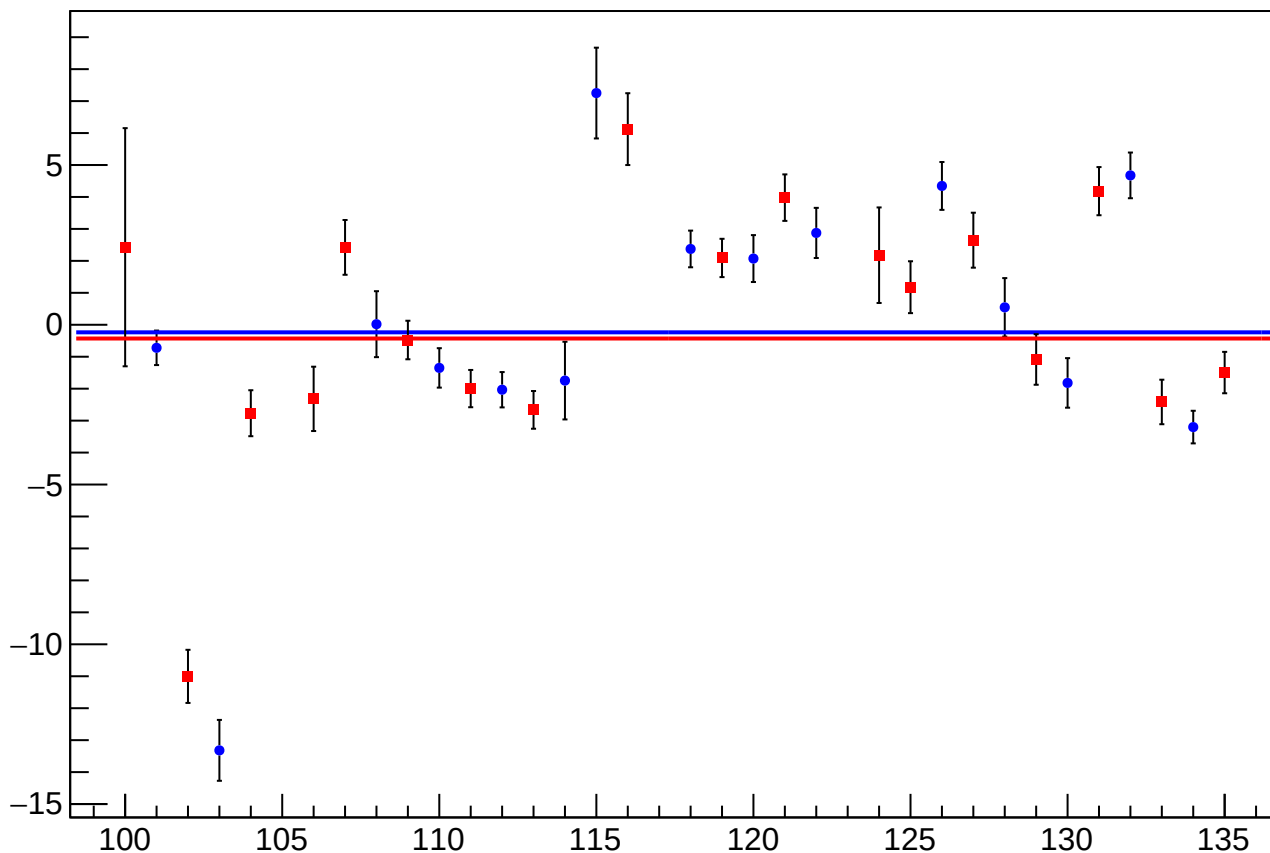
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.162 ± 0.112 χ^2/NDF : 1039.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4aY_slope vs Slug



Right In: -0.237+/-0.184 χ^2 /NDF: 402.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -0.430+/-0.180 χ^2 /NDF: 366.2/17

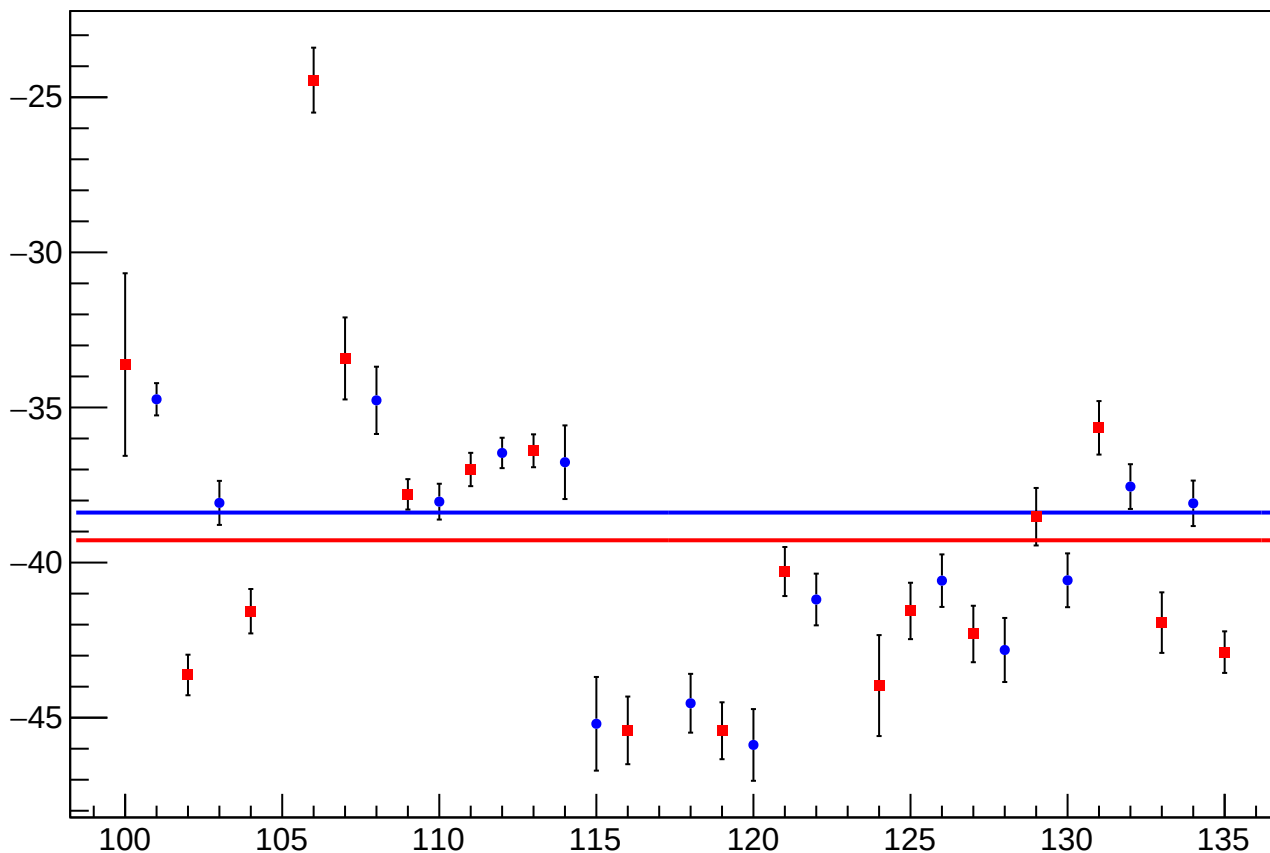
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -0.336+/-0.129 χ^2 /NDF: 768.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eX_slope vs Slug



Right In: -38.388 ± 0.198 χ^2/NDF : 226.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -39.281 ± 0.185 χ^2/NDF : 493.7/17

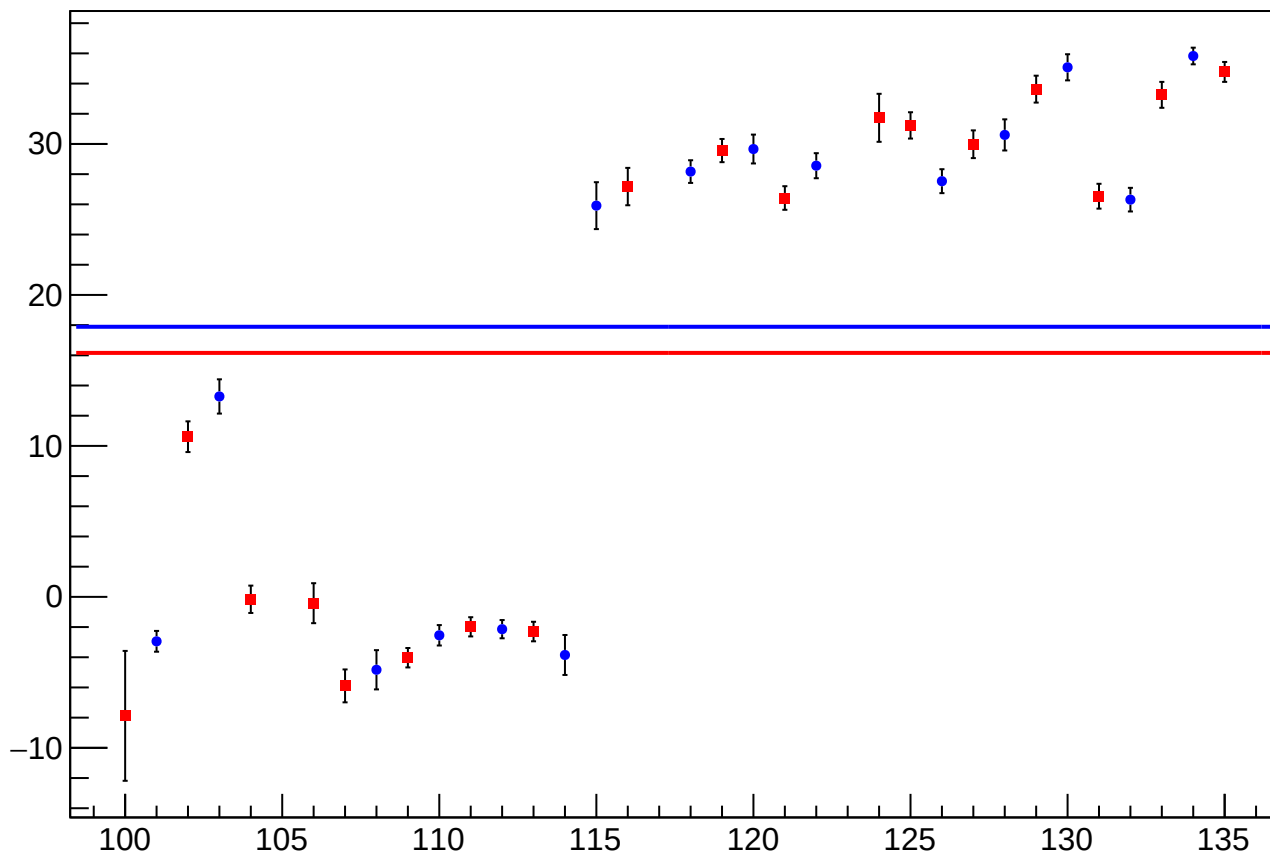
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -38.865 ± 0.135 χ^2/NDF : 731.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm4eY_slope vs Slug



Right In: 17.891+/-0.211 χ^2/NDF : 5914.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 16.160+/-0.203 χ^2/NDF : 6476.7/17

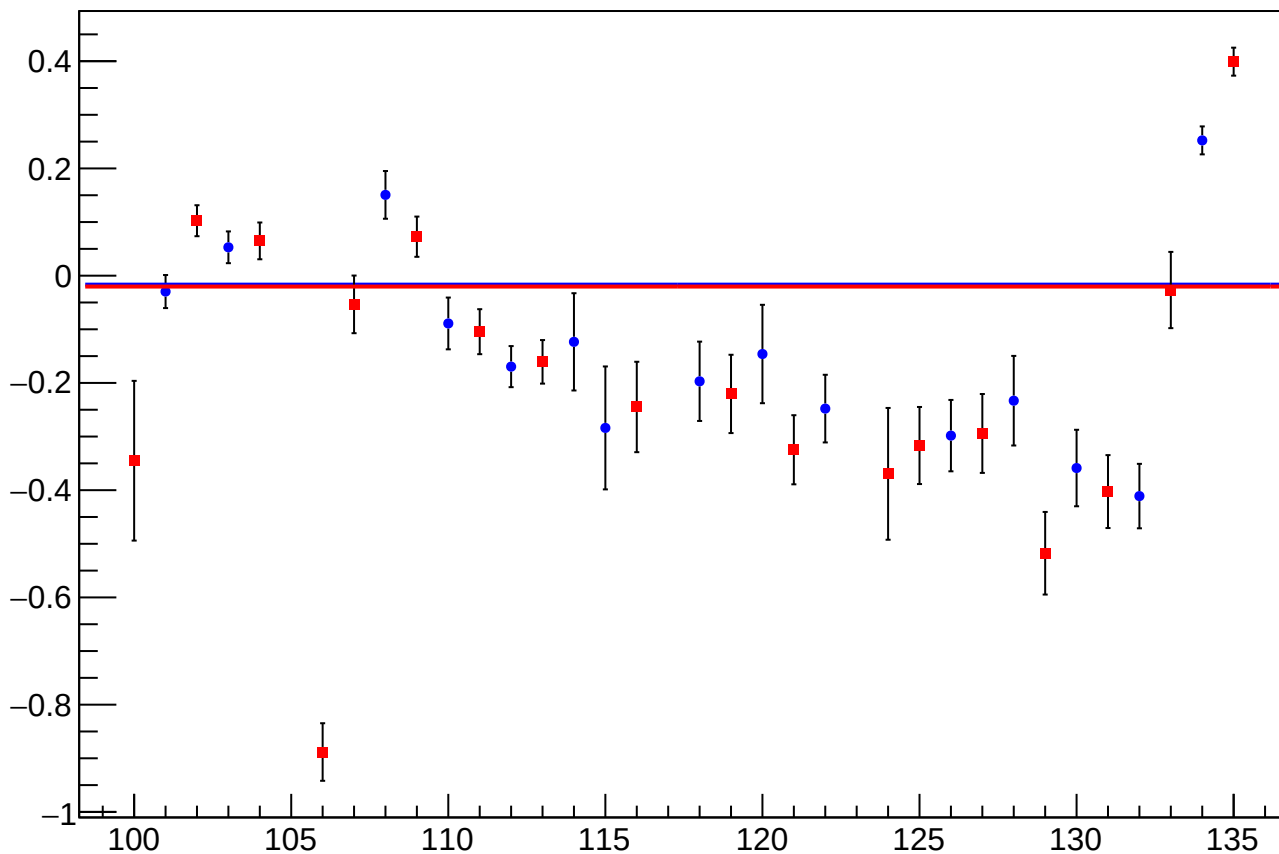
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 16.994+/-0.146 χ^2/NDF : 12425.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_avg_diff_bpm12X_slope vs Slug



Right In: -0.017 $\pm$ 0.012 χ^2 /NDF: 263.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.020 $\pm$ 0.011 χ^2 /NDF: 720.6/17

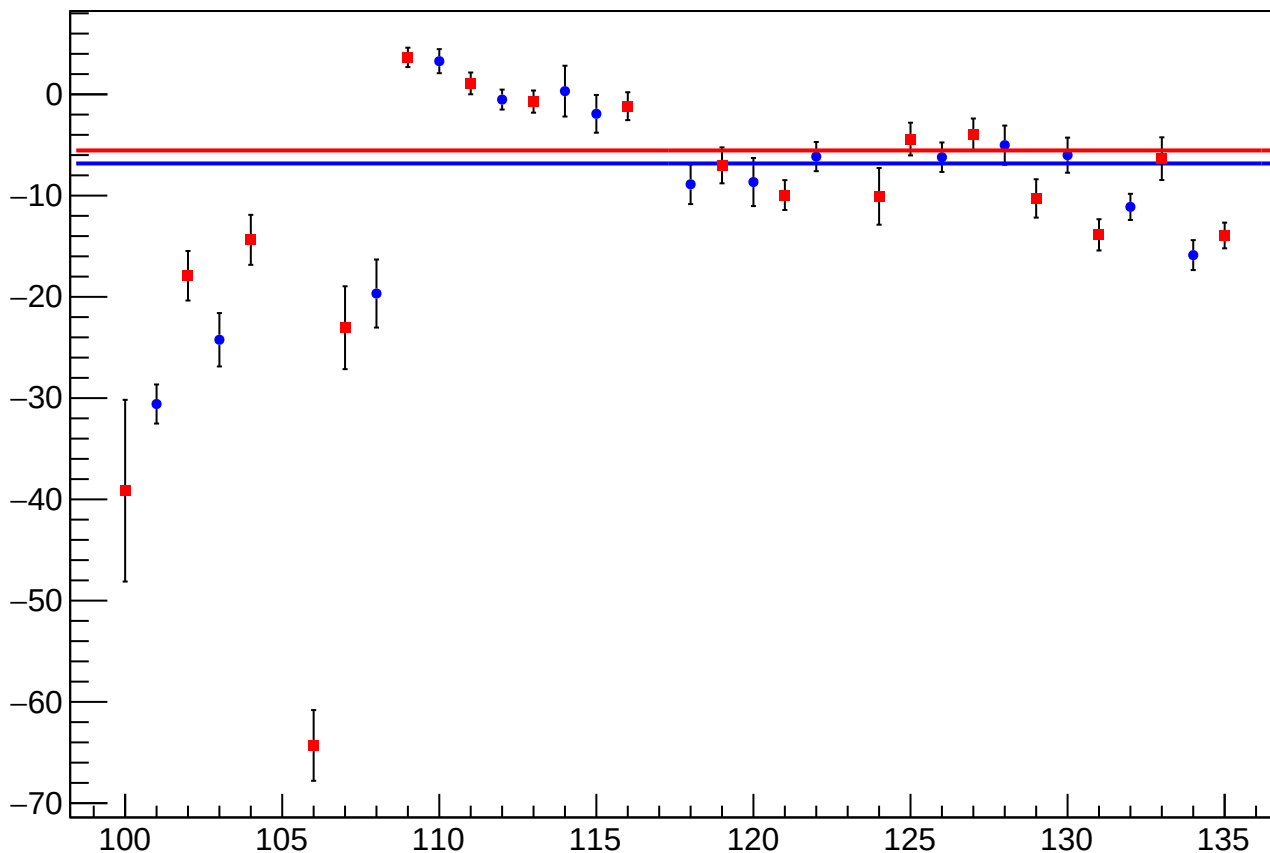
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.019 $\pm$ 0.008 χ^2 /NDF: 983.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm1X_slope vs Slug



Right In: -6.827 ± 0.417 χ^2/NDF : 390.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -5.539 ± 0.377 χ^2/NDF : 606.0/17

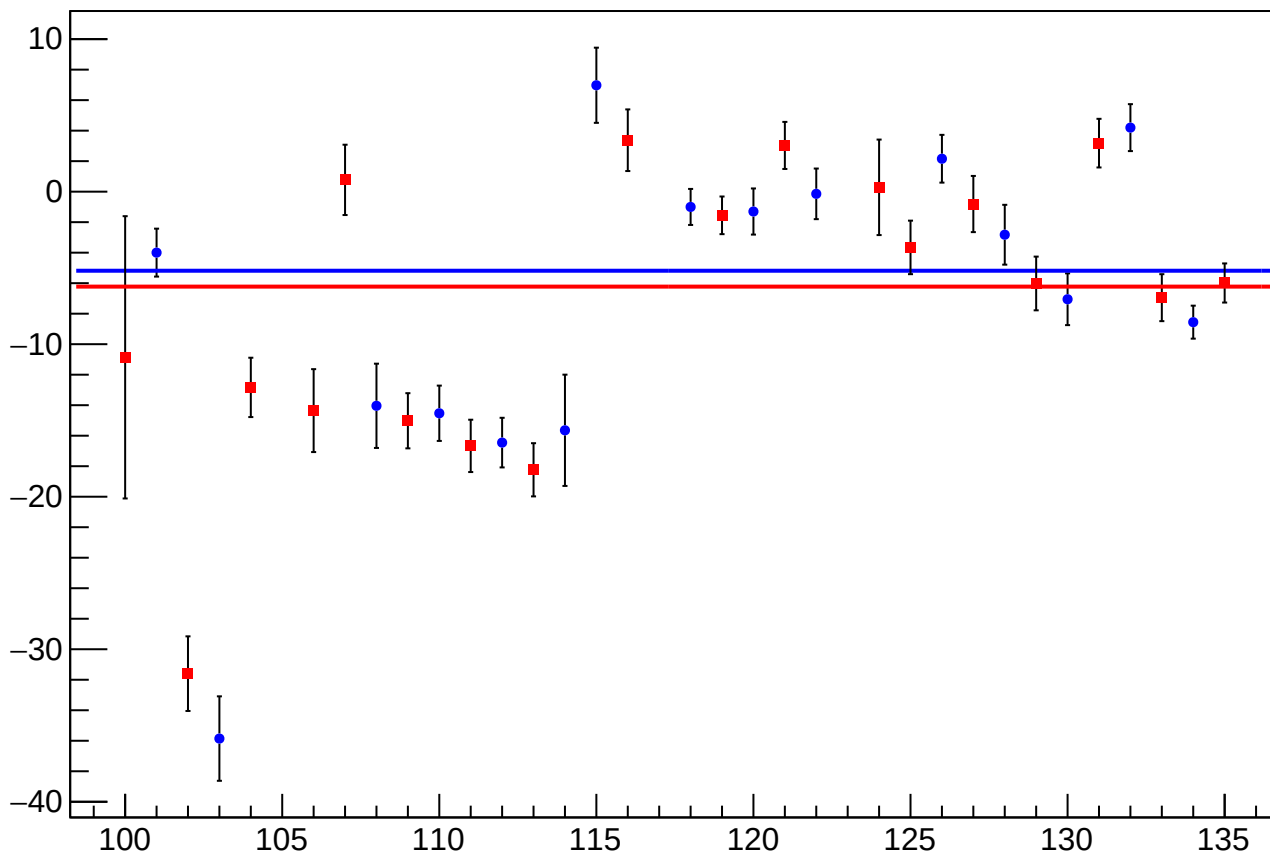
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -6.118 ± 0.280 χ^2/NDF : 1001.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4aY_slope vs Slug



Right In: -5.184 ± 0.430 χ^2/NDF : 340.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -6.225 ± 0.425 χ^2/NDF : 368.7/17

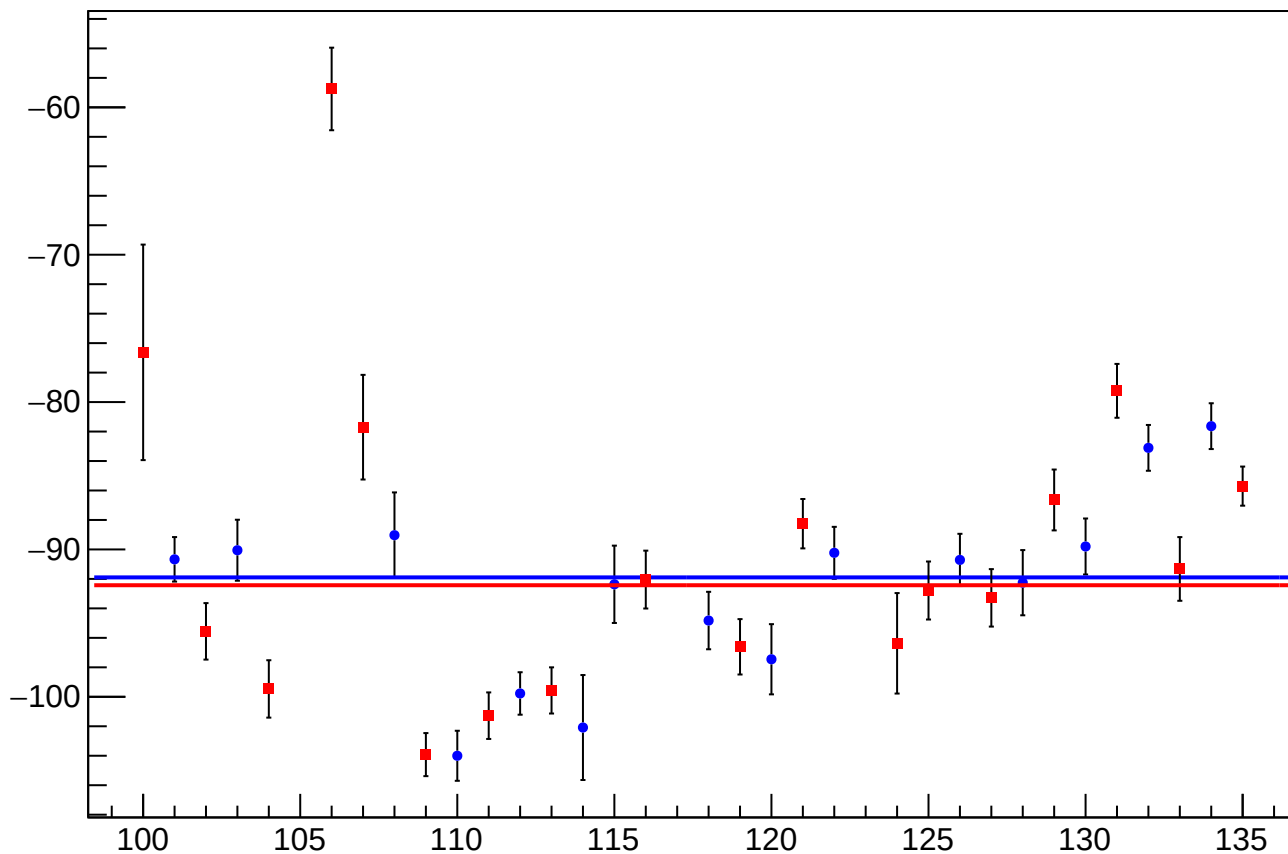
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -5.711 ± 0.302 χ^2/NDF : 712.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eX_slope vs Slug



Right In: -91.897 $\pm$ 0.486 χ^2 /NDF: 177.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -92.429 $\pm$ 0.454 χ^2 /NDF: 386.7/17

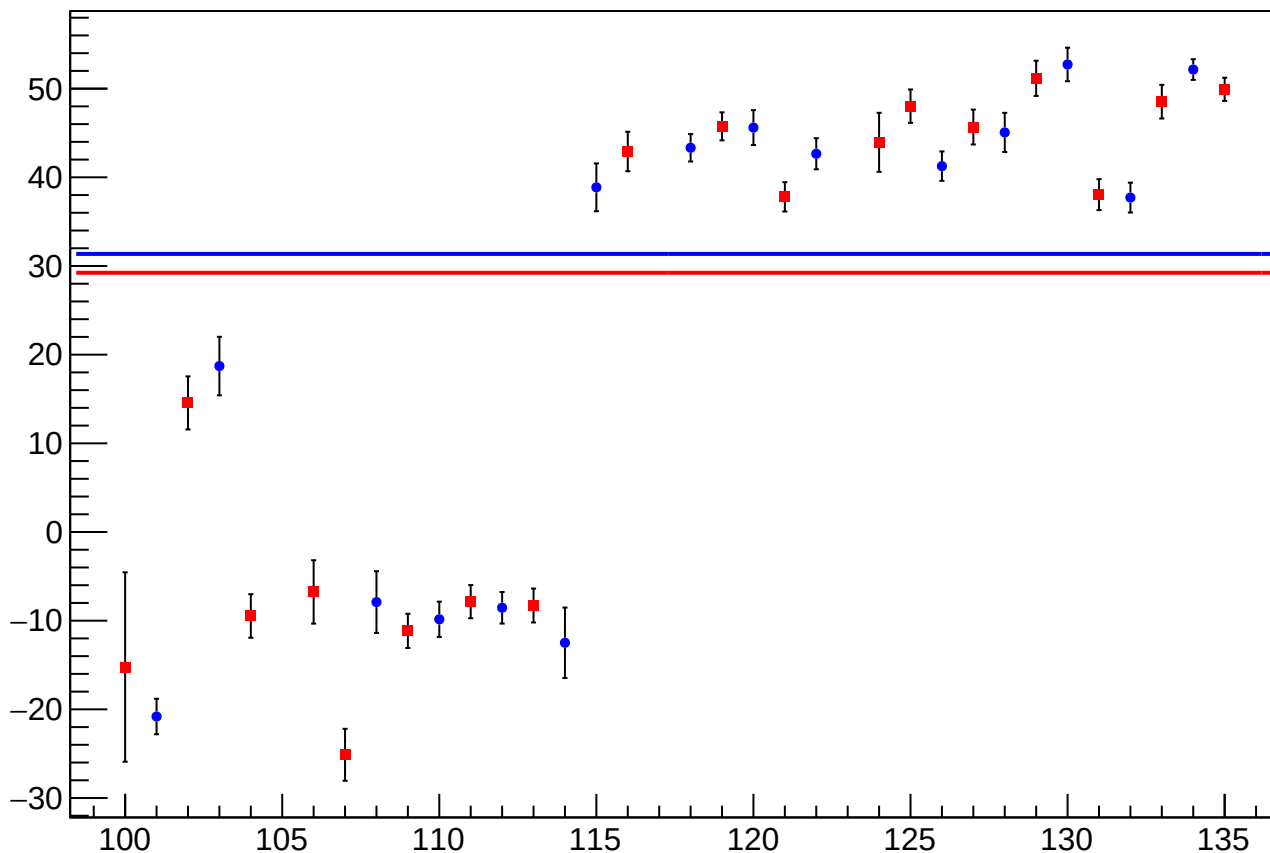
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -92.181 $\pm$ 0.332 χ^2 /NDF: 564.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_2468_avg_diff_bpm4eY_slope vs Slug



Right In: 31.362+/-0.492 χ^2/NDF : 2568.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 29.236+/-0.479 χ^2/NDF : 2816.1/17

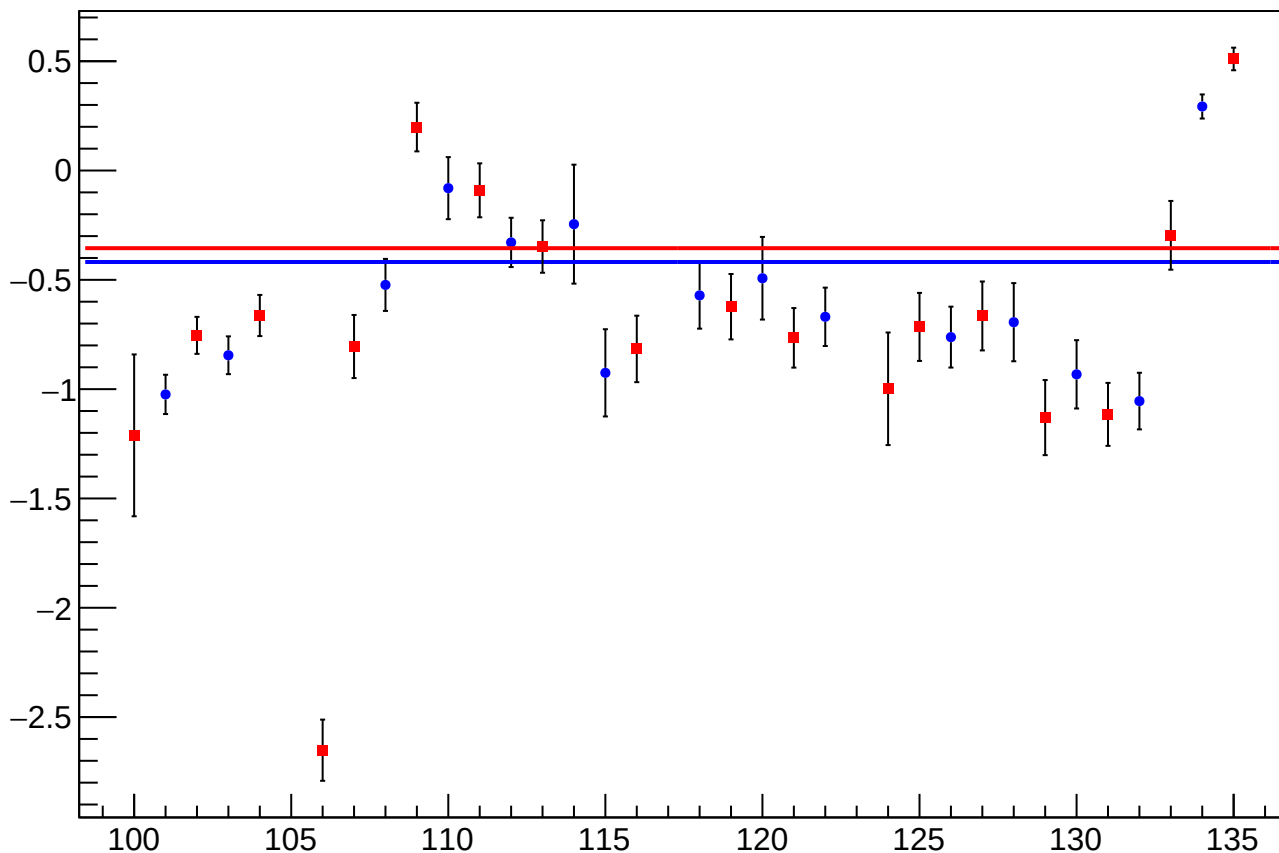
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 30.270+/-0.343 χ^2/NDF : 5393.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_2468_avg_diff_bpm12X_slope vs Slug



Right In: -0.418 ± 0.030 χ^2/NDF : 298.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.355 ± 0.028 χ^2/NDF : 712.8/17

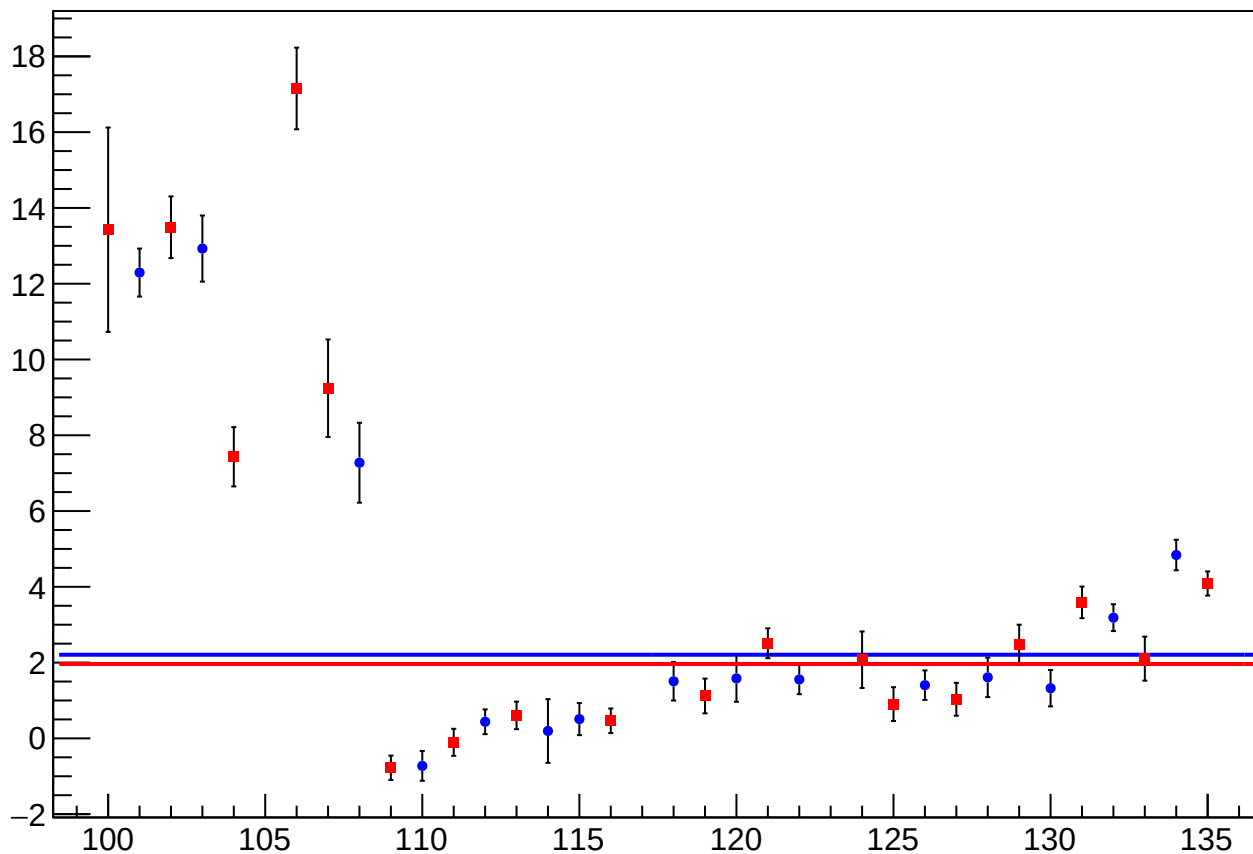
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.385 ± 0.020 χ^2/NDF : 1013.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm1X_slope vs Slug



Right In: 2.207 $\pm$ 0.120 χ^2 /NDF: 599.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.963 $\pm$ 0.109 χ^2 /NDF: 716.0/17

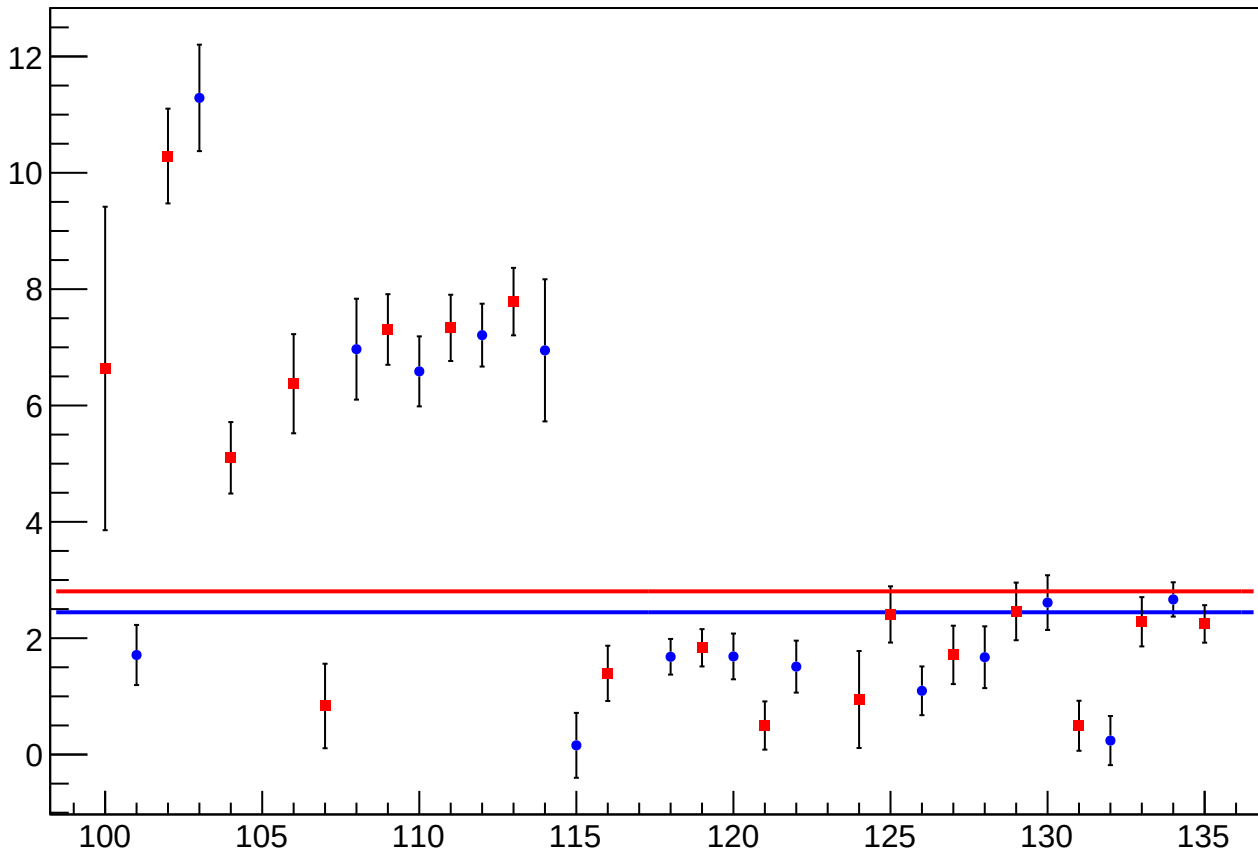
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.073 $\pm$ 0.081 χ^2 /NDF: 1317.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4aY_slope vs Slug



Right In: 2.445 $\pm$ 0.120 χ^2 /NDF: 332.9/14

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

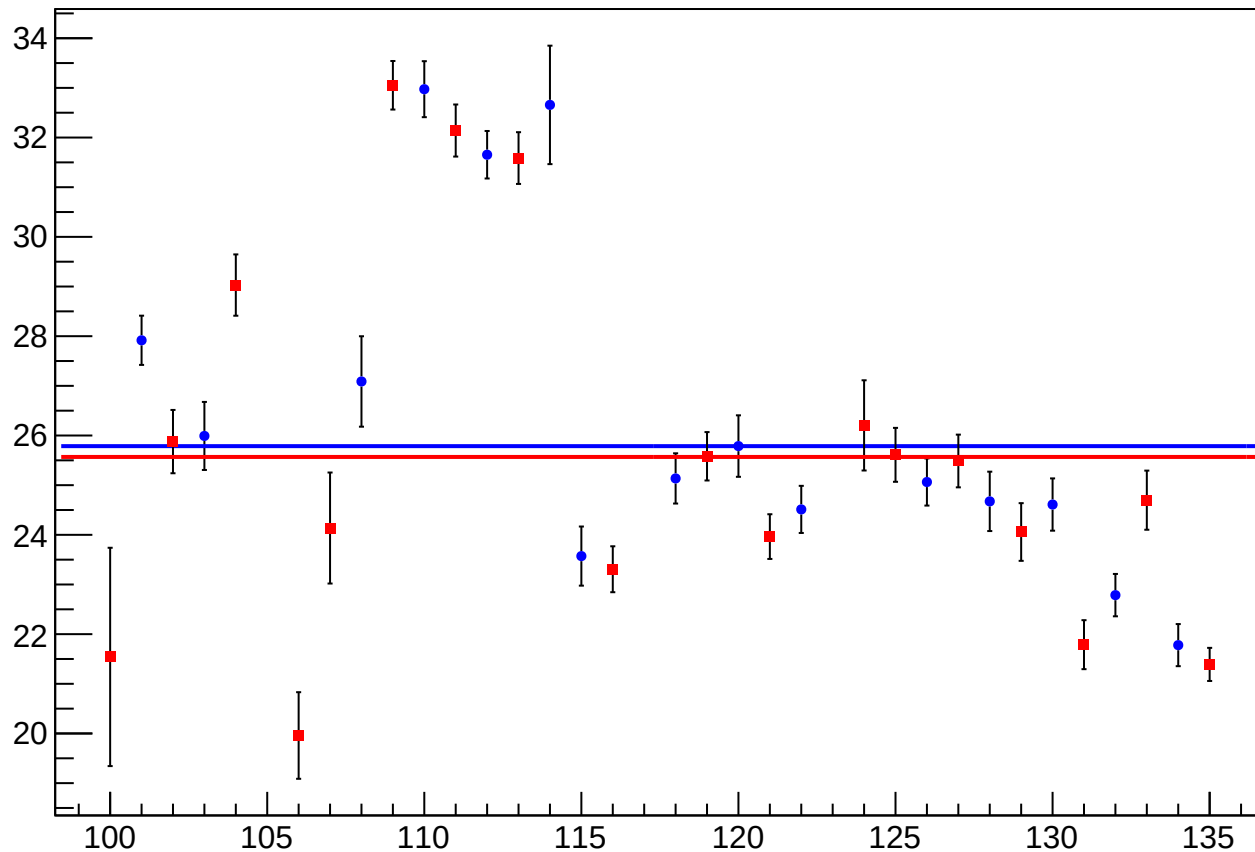
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 2.627 $\pm$ 0.085 χ^2 /NDF: 747.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eX_slope vs Slug



Right In: 25.786 $\pm$ 0.140 χ^2 /NDF: 539.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.568 $\pm$ 0.129 χ^2 /NDF: 865.0/17

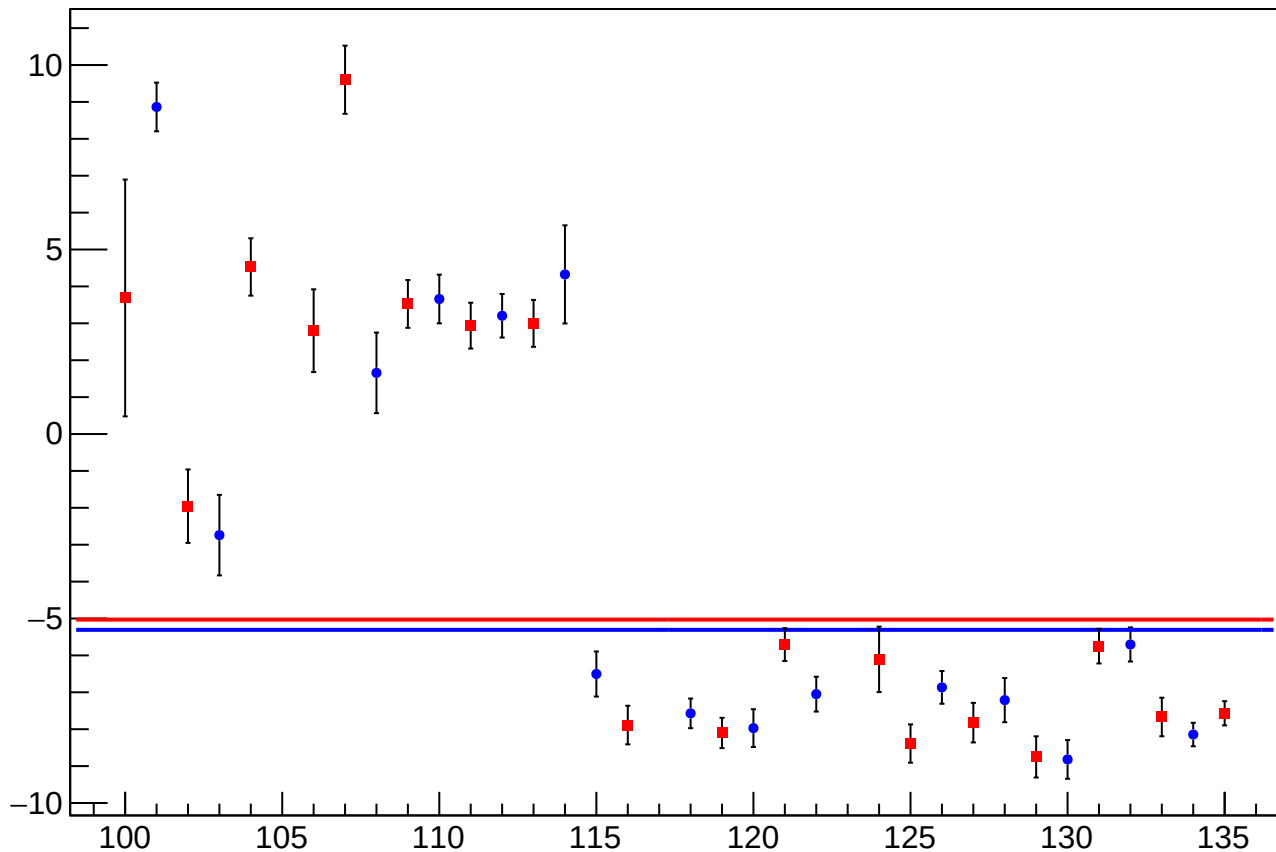
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 25.669 $\pm$ 0.095 χ^2 /NDF: 1405.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm4eY_slope vs Slug



Right In: -5.307 $\pm$ 0.137 χ^2 /NDF: 1176.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.029 $\pm$ 0.134 χ^2 /NDF: 1257.4/17

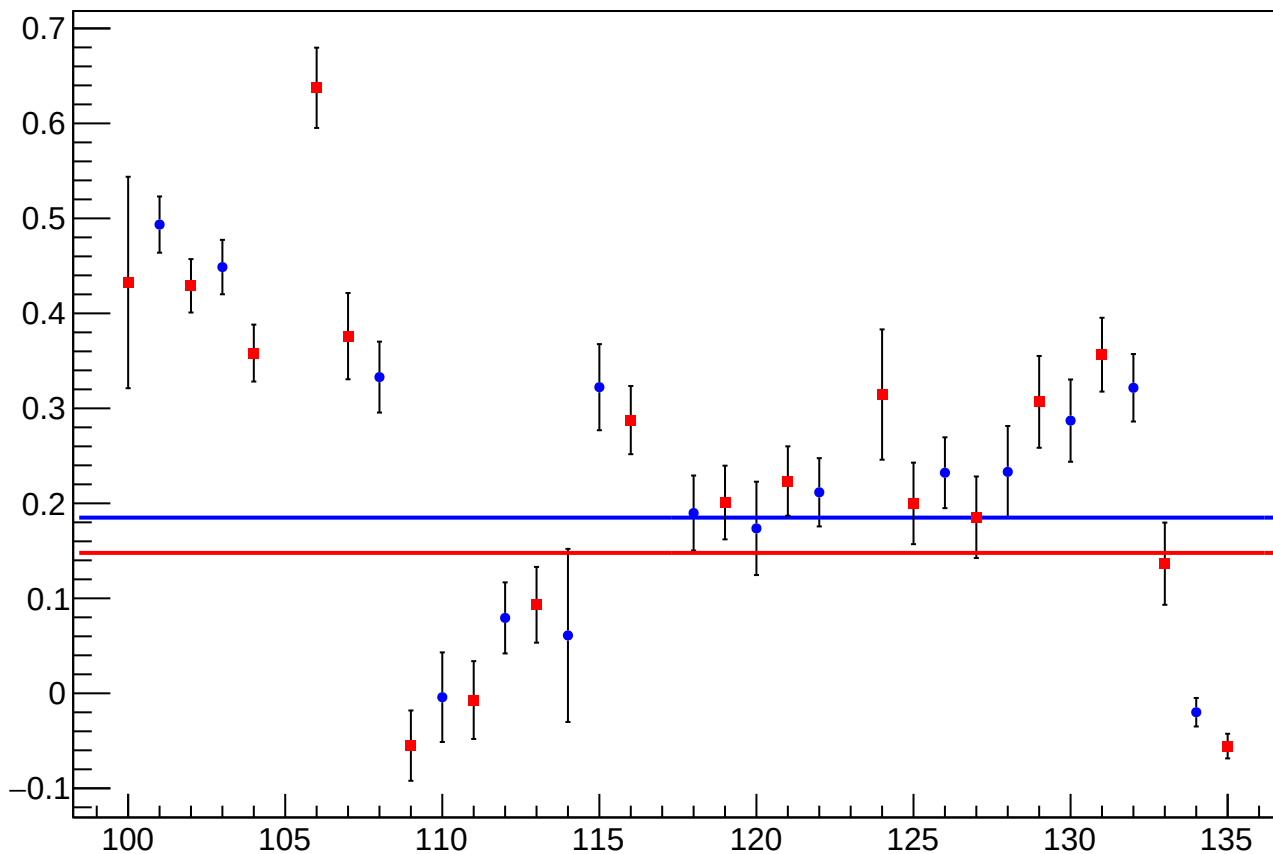
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -5.164 $\pm$ 0.096 χ^2 /NDF: 2436.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_1357_2468_dd_diff_bpm12X_slope vs Slug



Right In: 0.185+/-0.009 χ^2/NDF : 453.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.148+/-0.008 χ^2/NDF : 676.4/17

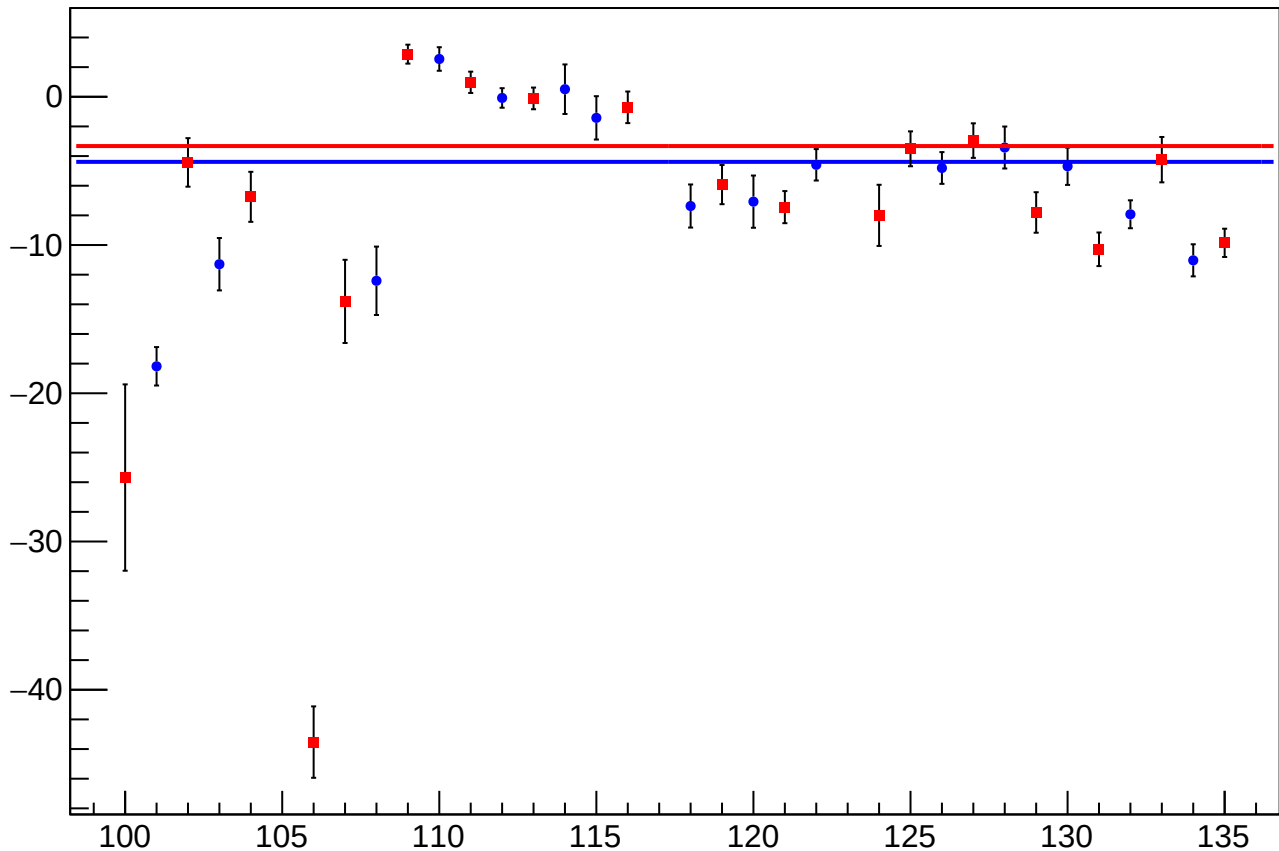
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 0.165+/-0.006 χ^2/NDF : 1140.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm1X_slope vs Slug



Right In: -4.390 ± 0.295 χ^2/NDF : 331.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.324 ± 0.266 χ^2/NDF : 584.4/17

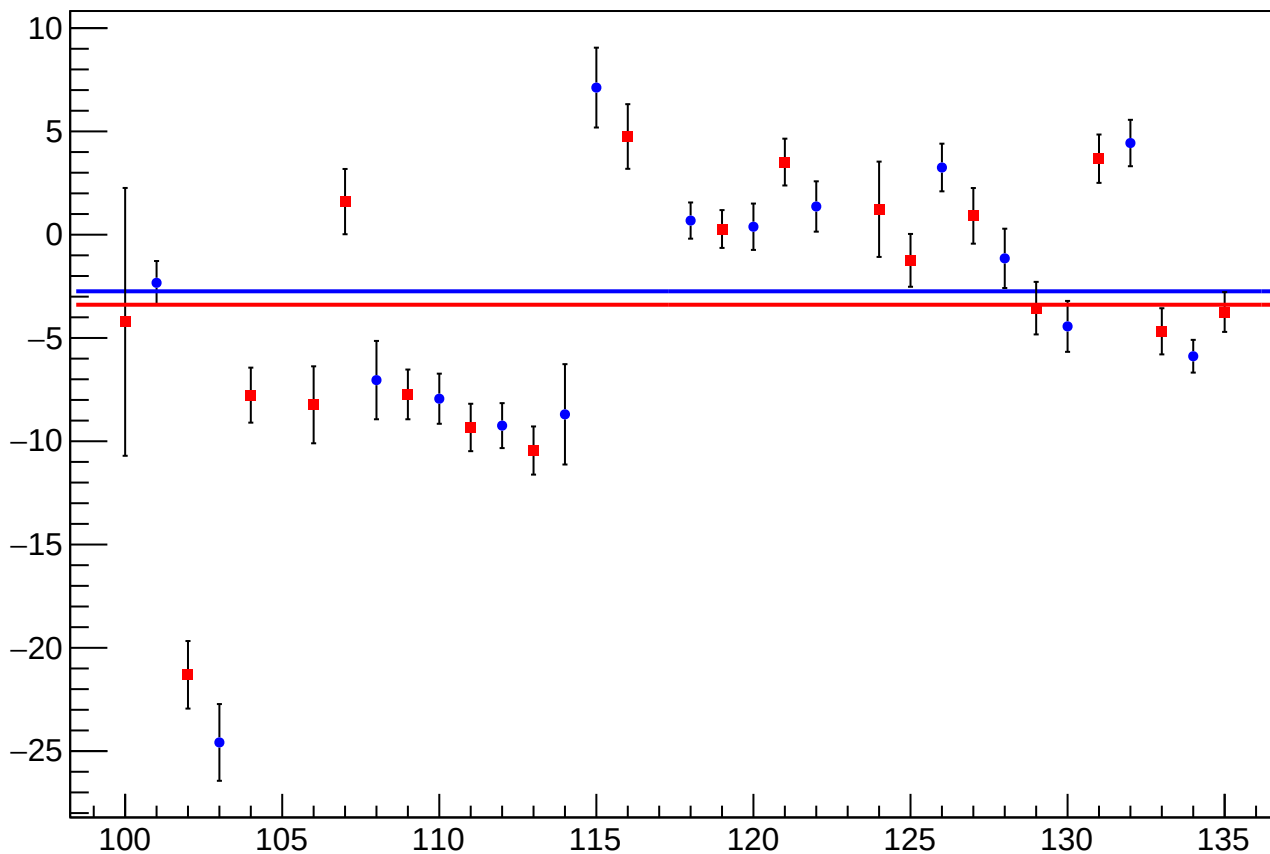
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -3.802 ± 0.198 χ^2/NDF : 922.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4aY_slope vs Slug



Right In: -2.741 $\pm$ 0.309 χ^2 /NDF: 350.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -3.391 $\pm$ 0.304 χ^2 /NDF: 359.3/17

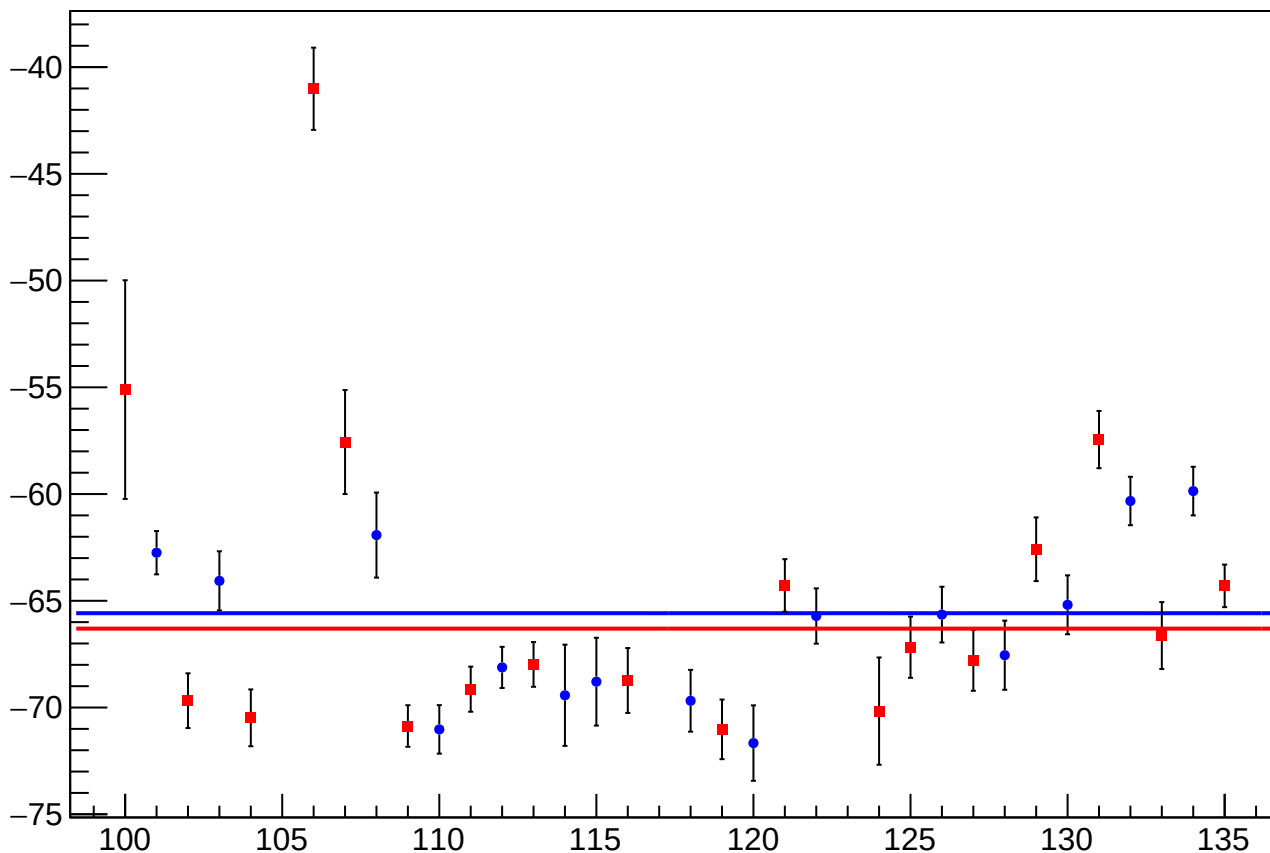
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.071 $\pm$ 0.217 χ^2 /NDF: 712.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eX_slope vs Slug



Right In: -65.582 $\pm$ 0.344 χ^2 /NDF: 115.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -66.303 $\pm$ 0.322 χ^2 /NDF: 313.0/17

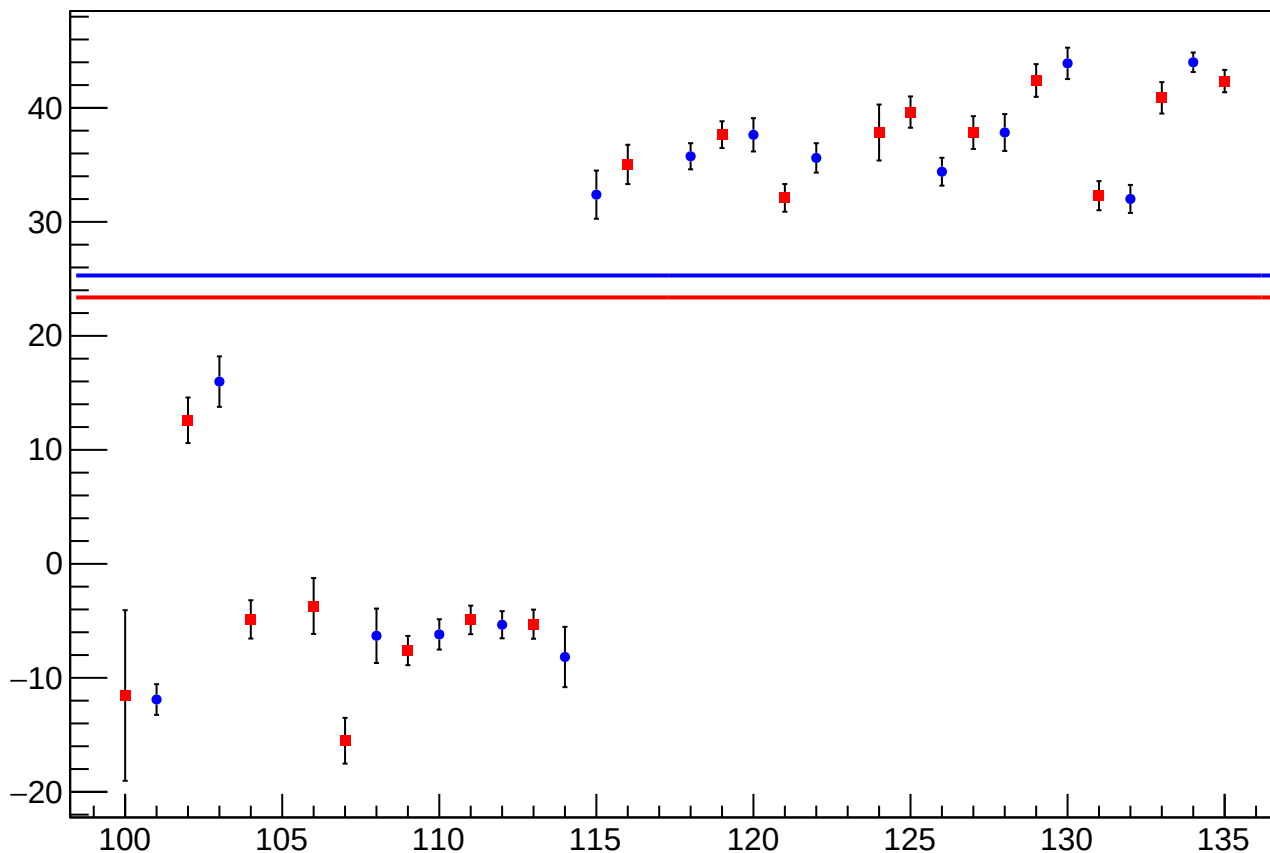
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -65.967 $\pm$ 0.235 χ^2 /NDF: 430.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm4eY_slope vs Slug



Right In: 25.295+/-0.353 χ^2 /NDF: 3375.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 23.371+/-0.343 χ^2 /NDF: 3708.9/17

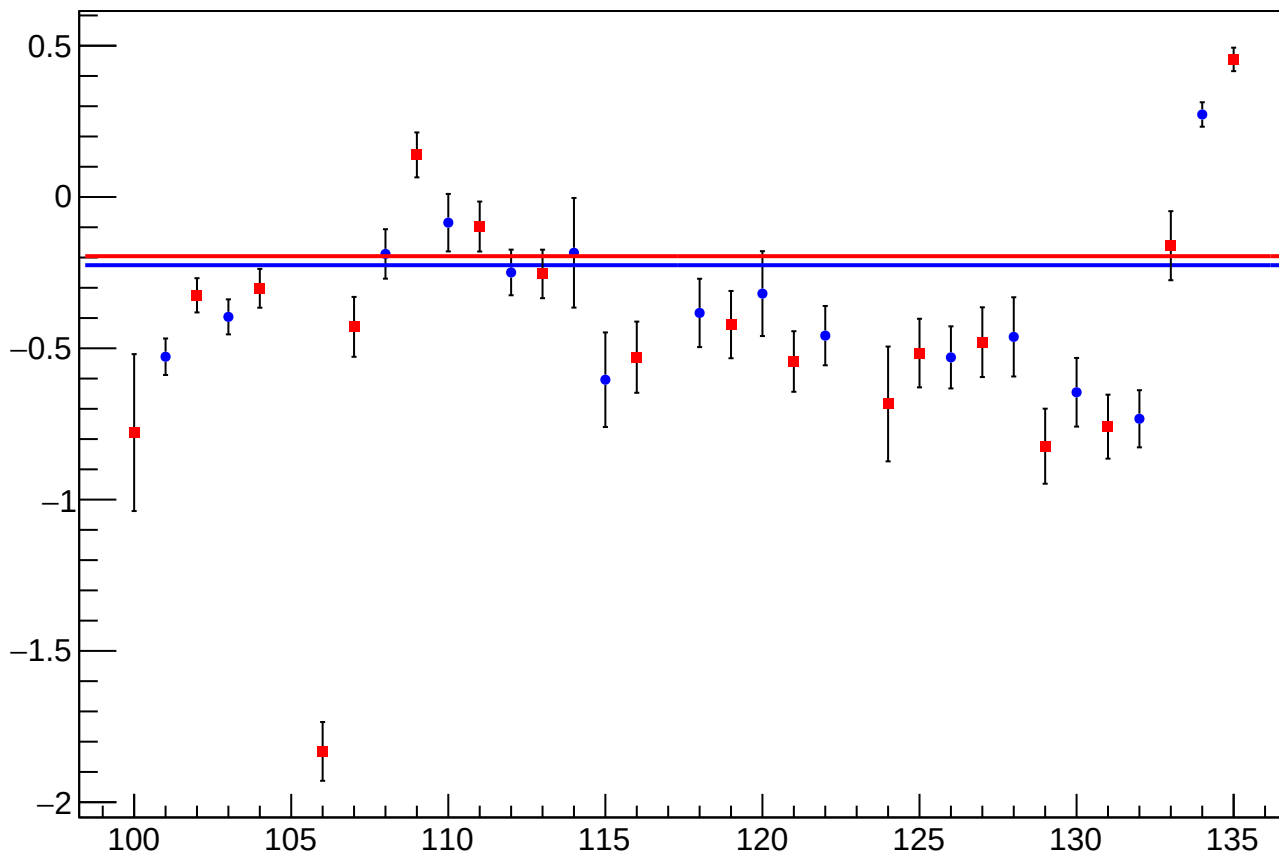
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 24.306+/-0.246 χ^2 /NDF: 7099.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_sam_12345678_avg_diff_bpm12X_slope vs Slug



Right In: -0.225 ± 0.021 χ^2/NDF : 256.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.196 ± 0.020 χ^2/NDF : 704.7/17

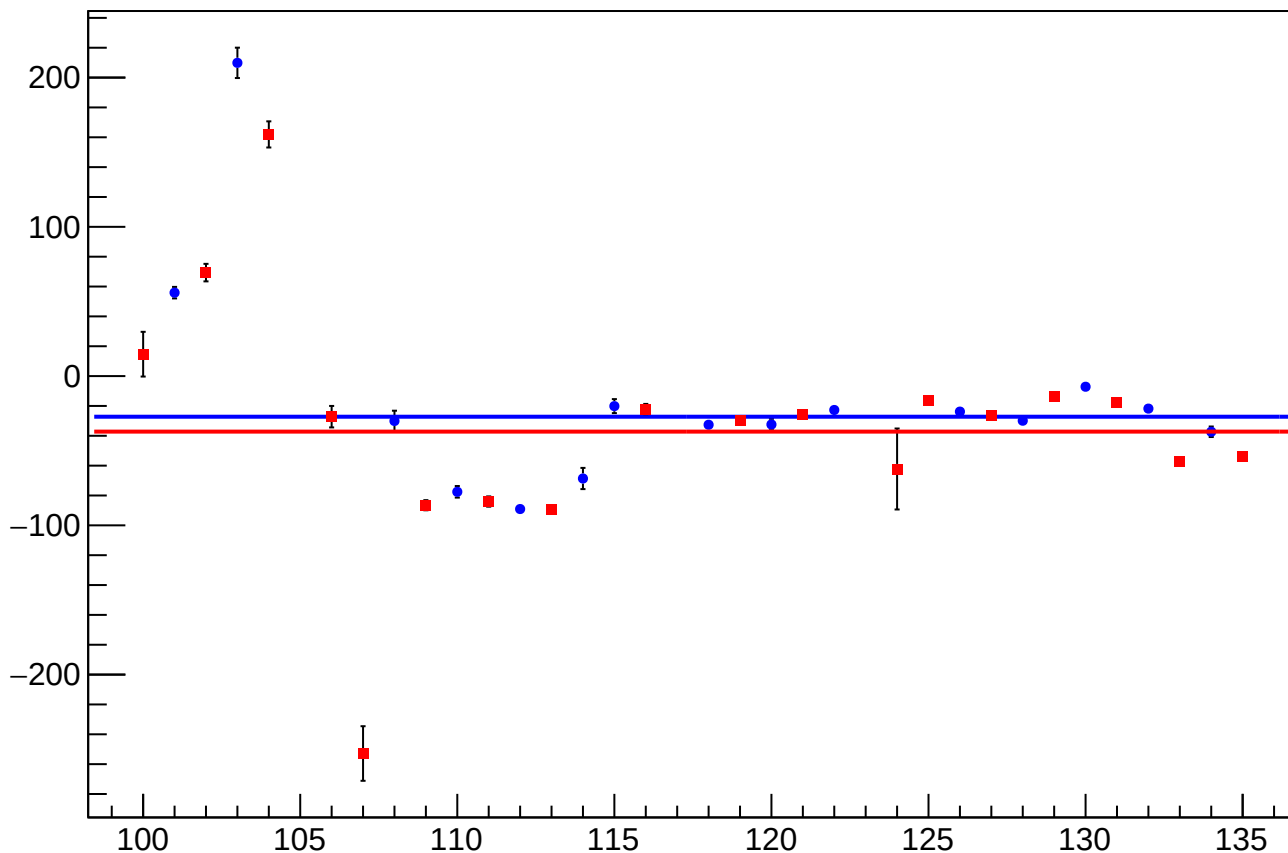
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.209 ± 0.014 χ^2/NDF : 962.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm1X_slope vs Slug



Right In: -27.219 ± 0.909 $\chi^2/\text{NDF}: 1671.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -37.198 ± 0.879 $\chi^2/\text{NDF}: 1909.7/17$

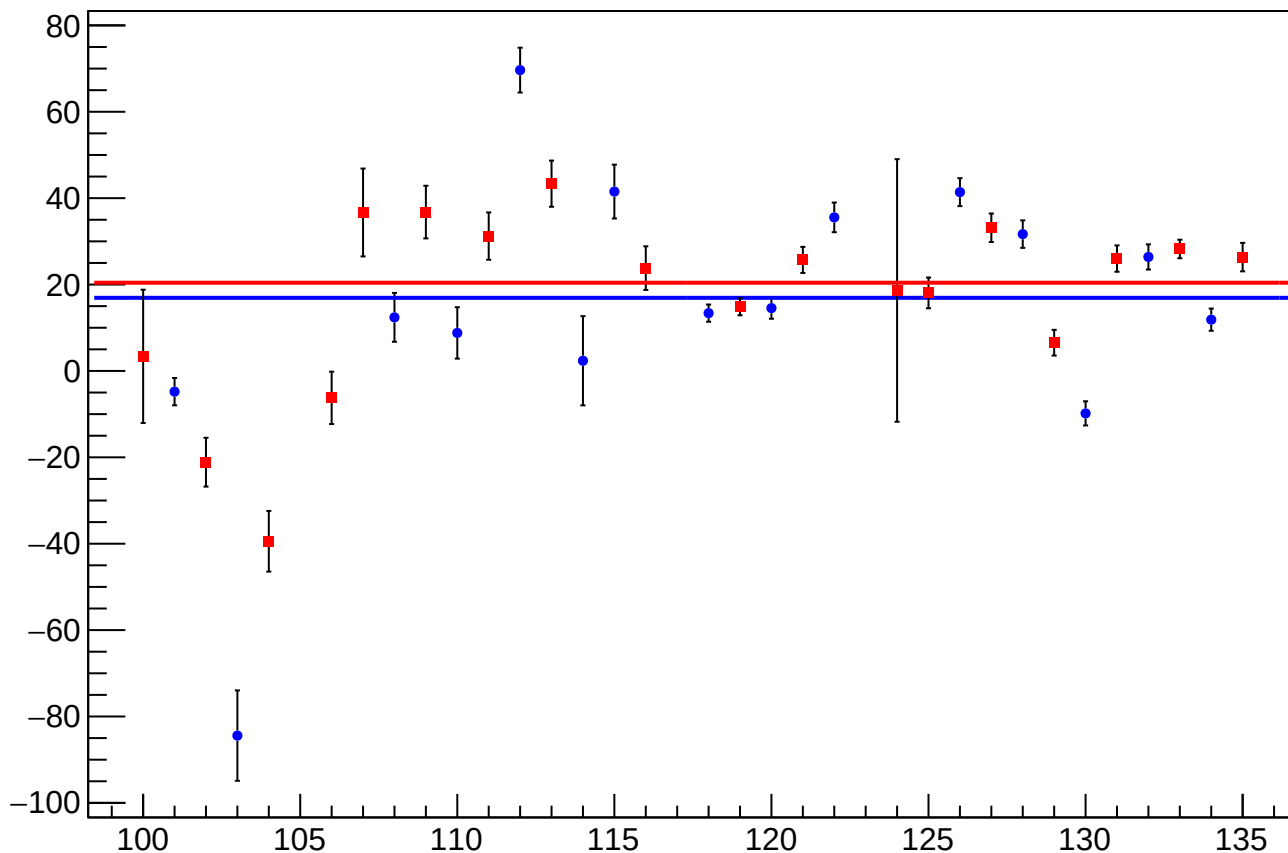
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -32.377 ± 0.632 $\chi^2/\text{NDF}: 3643.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1_diff_bpm4aY_slope vs Slug



Right In: 16.930 $\pm$ 0.866 χ^2 /NDF: 482.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.427 $\pm$ 0.879 χ^2 /NDF: 247.5/17

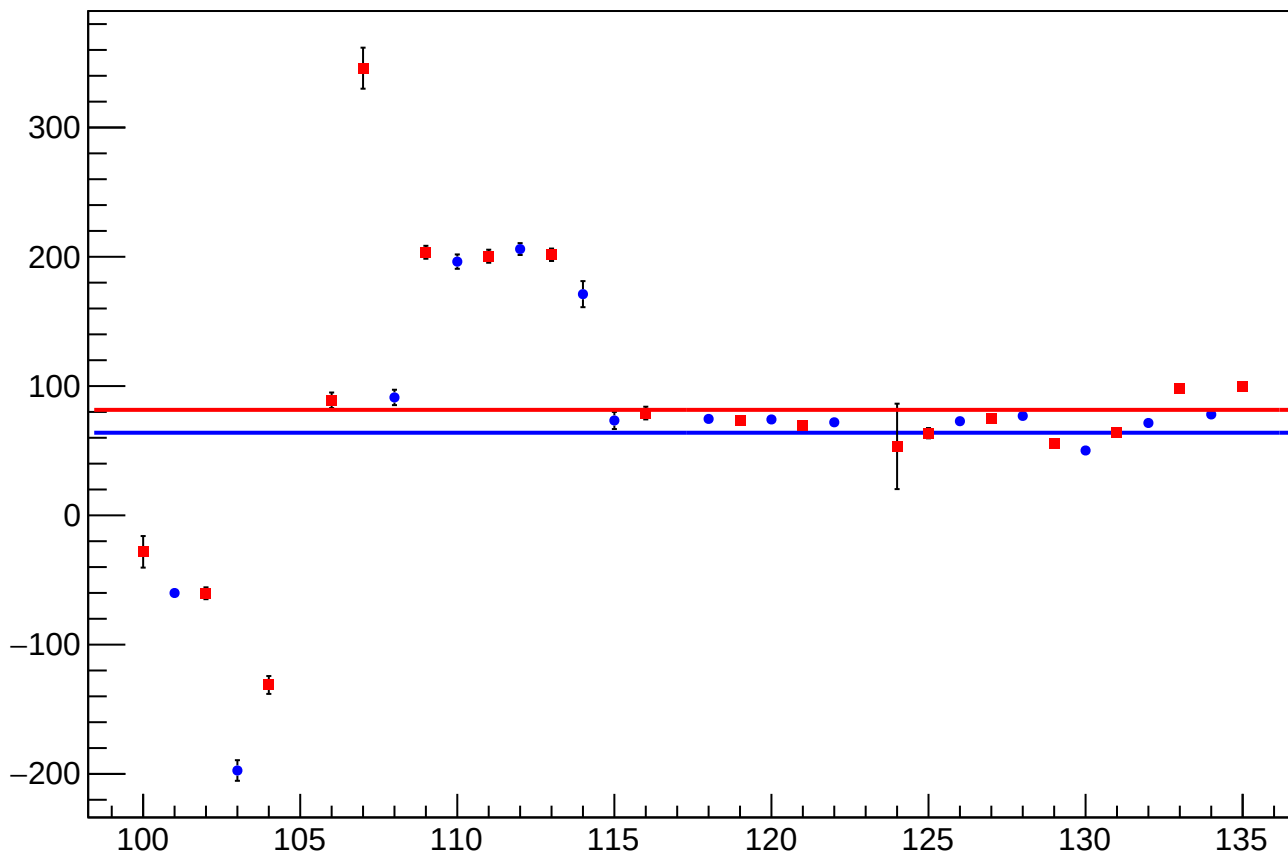
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.653 $\pm$ 0.617 χ^2 /NDF: 737.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eX_slope vs Slug



Right In: 63.906+/-1.022 χ^2 /NDF: 4499.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 81.597+/-1.007 χ^2 /NDF: 4224.8/17

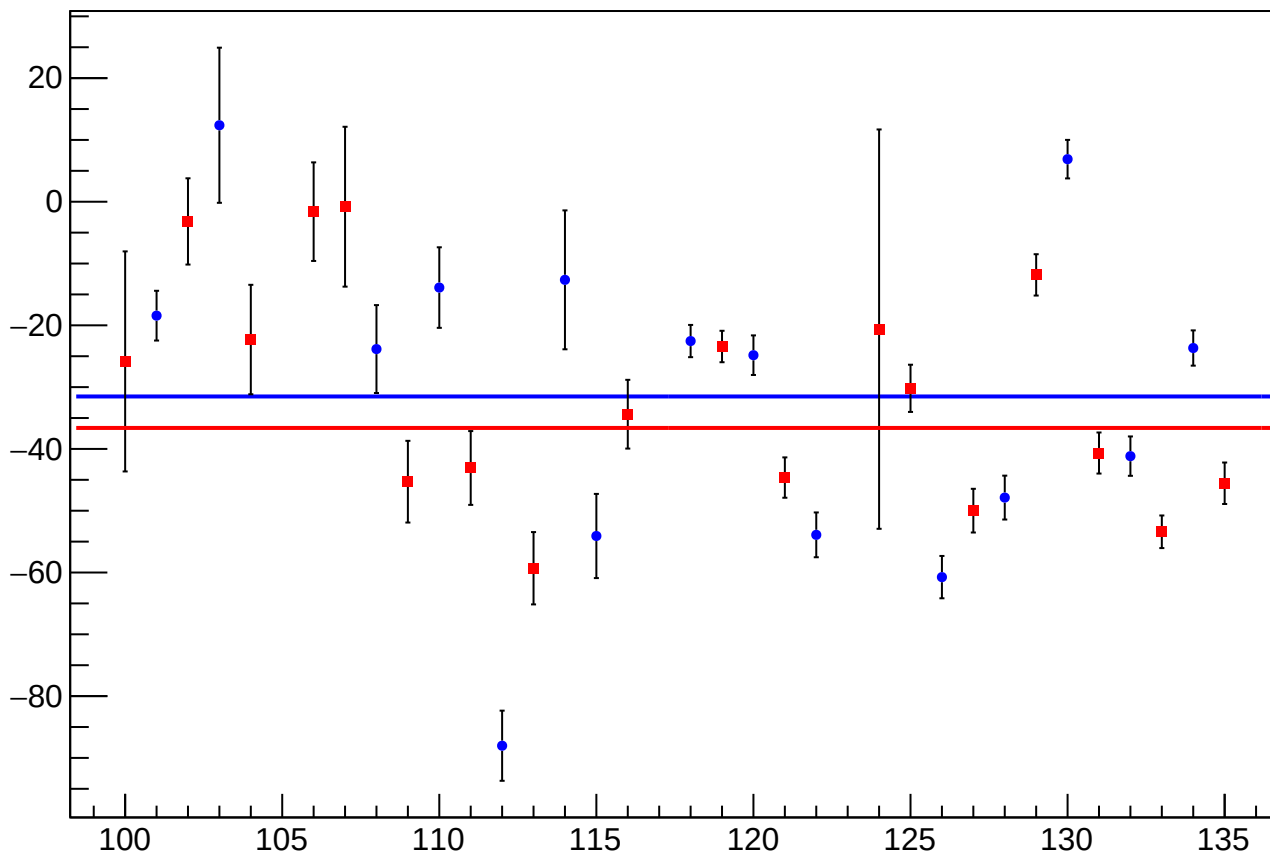
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 72.876+/-0.717 χ^2 /NDF: 8876.5/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1_diff_bpm4eY_slope vs Slug



Right In: -31.512 ± 1.010 χ^2/NDF : 461.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.605 ± 1.010 χ^2/NDF : 225.3/17

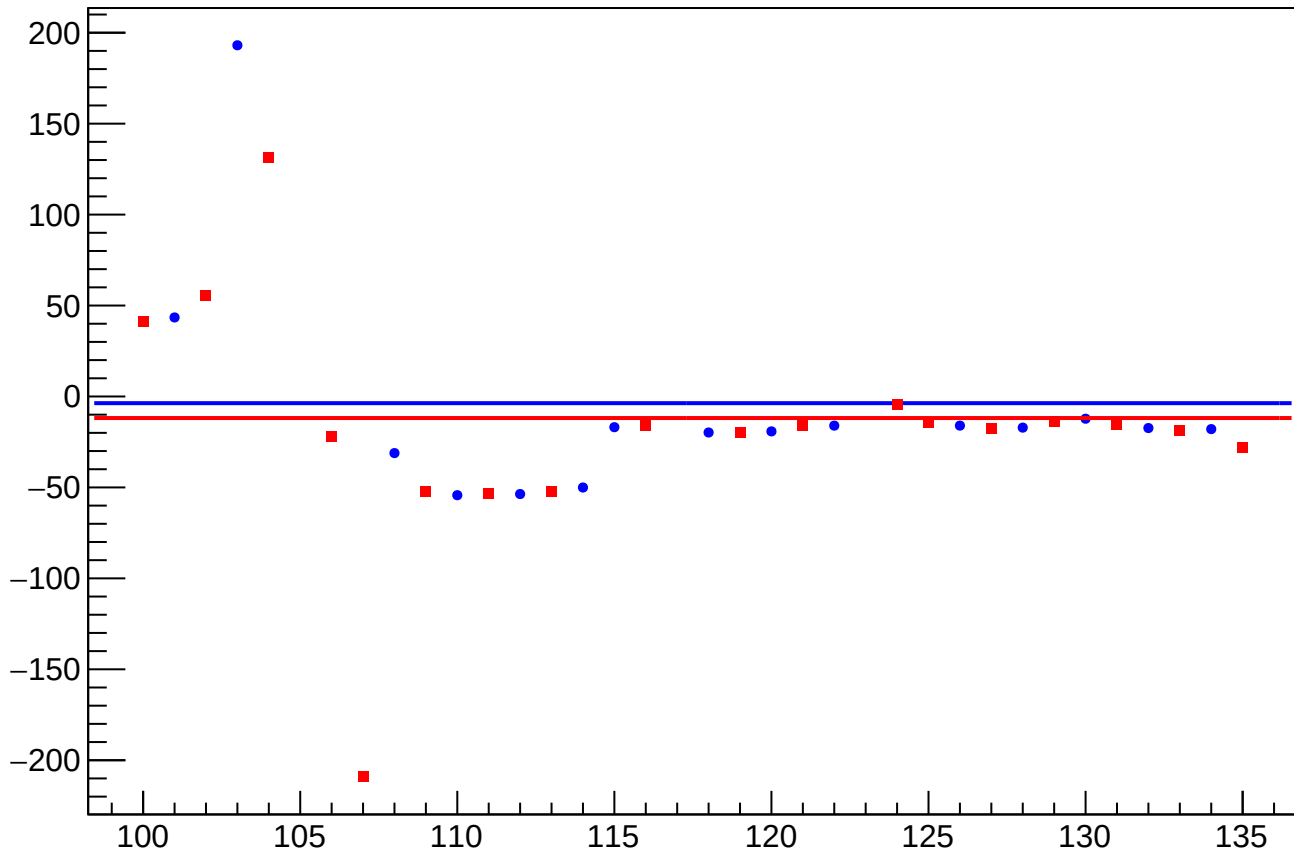
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.058 ± 0.714 χ^2/NDF : 699.1/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1_diff_bpm12X_slope vs Slug



Right In: -3.675 ± 0.067 χ^2/NDF : 487202.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.851 ± 0.065 χ^2/NDF : 444598.2/17

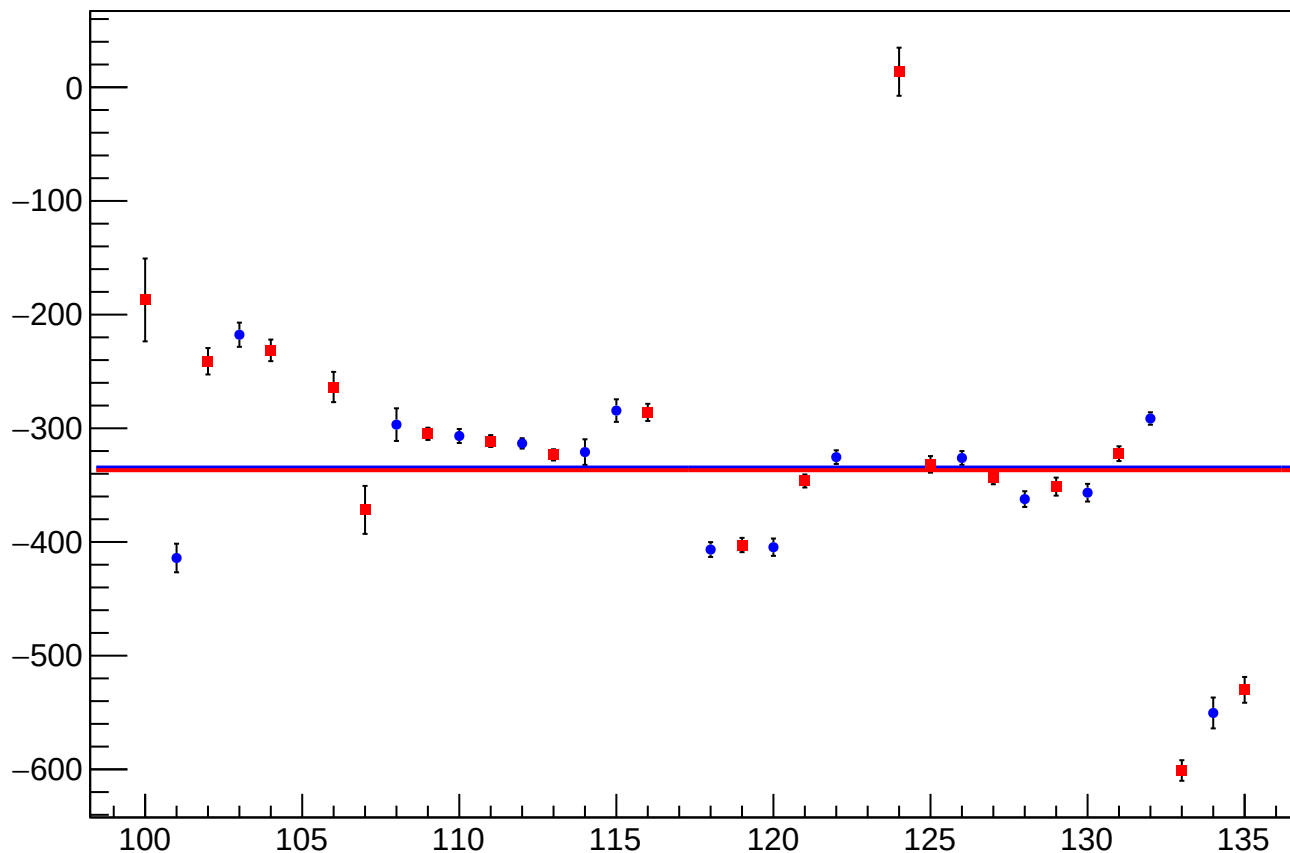
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -7.902 ± 0.047 χ^2/NDF : 939454.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm1X_slope vs Slug



Right In: -334.525 ± 1.875 χ^2/NDF : 786.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -336.867 ± 1.769 χ^2/NDF : 1891.5/17

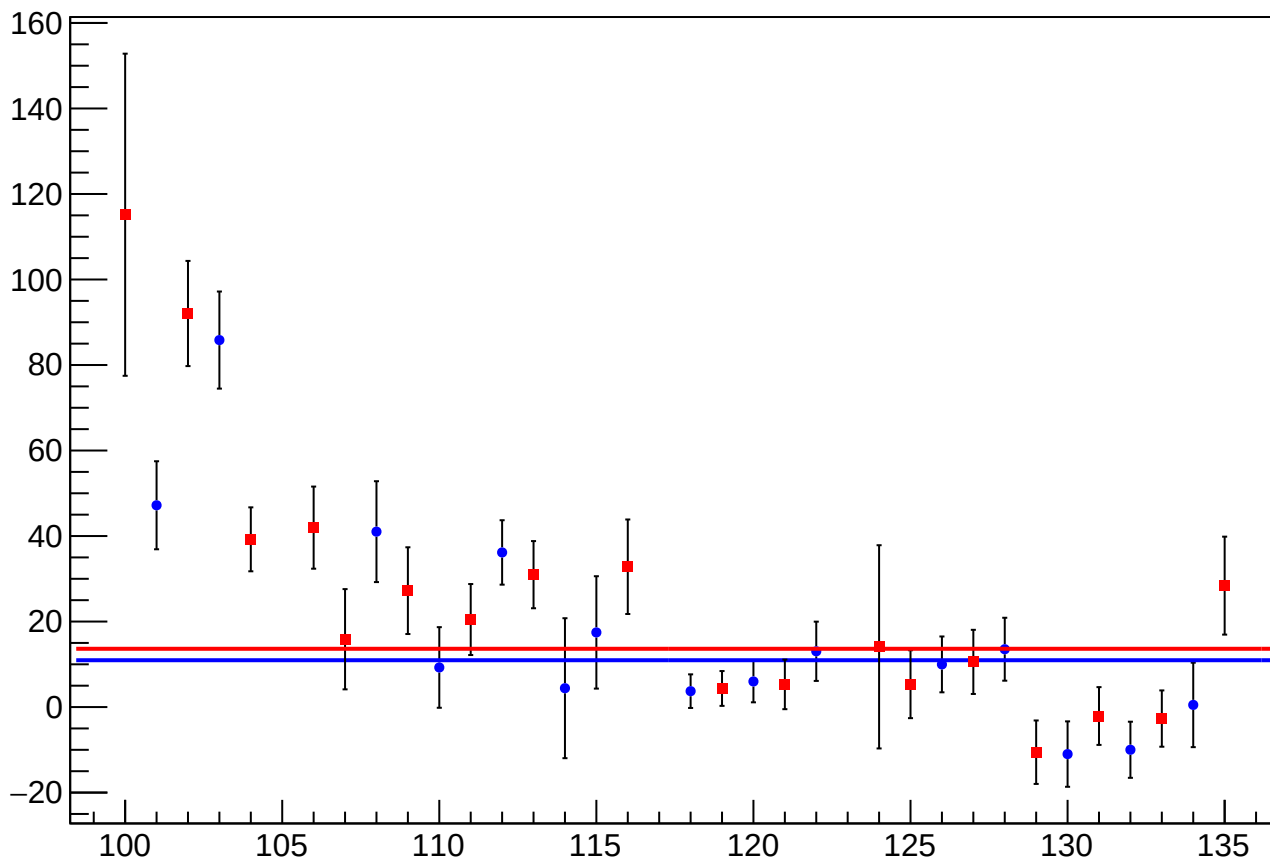
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -335.764 ± 1.287 χ^2/NDF : 2678.6/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl2_diff_bpm4aY_slope vs Slug



Right In: 10.955 $\pm$ 1.880 χ^2 /NDF: 98.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 13.632 $\pm$ 1.863 χ^2 /NDF: 111.1/17

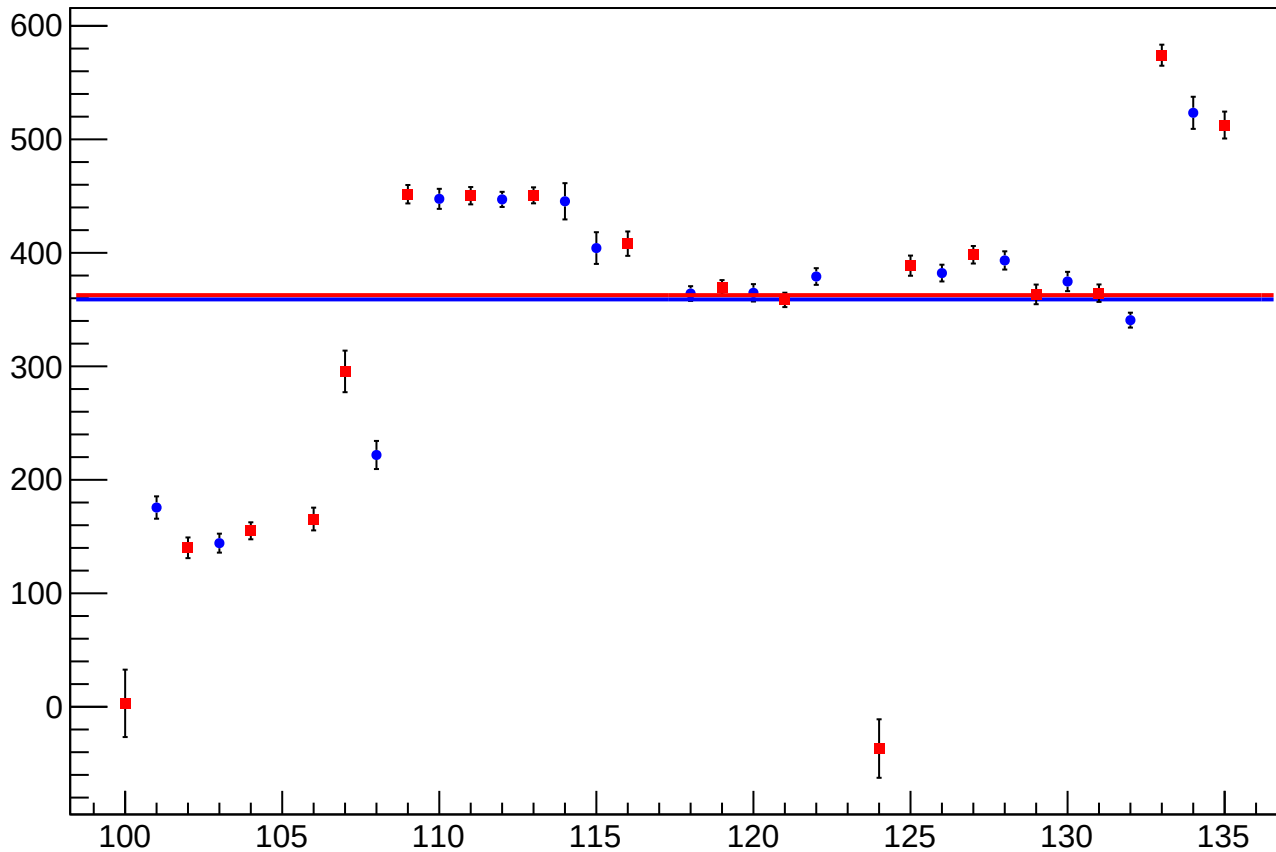
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 12.306 $\pm$ 1.323 χ^2 /NDF: 210.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eX_slope vs Slug



Right In: 358.979 $\pm$ 2.179 χ^2 /NDF: 1627.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 362.741 $\pm$ 2.066 χ^2 /NDF: 3288.3/17

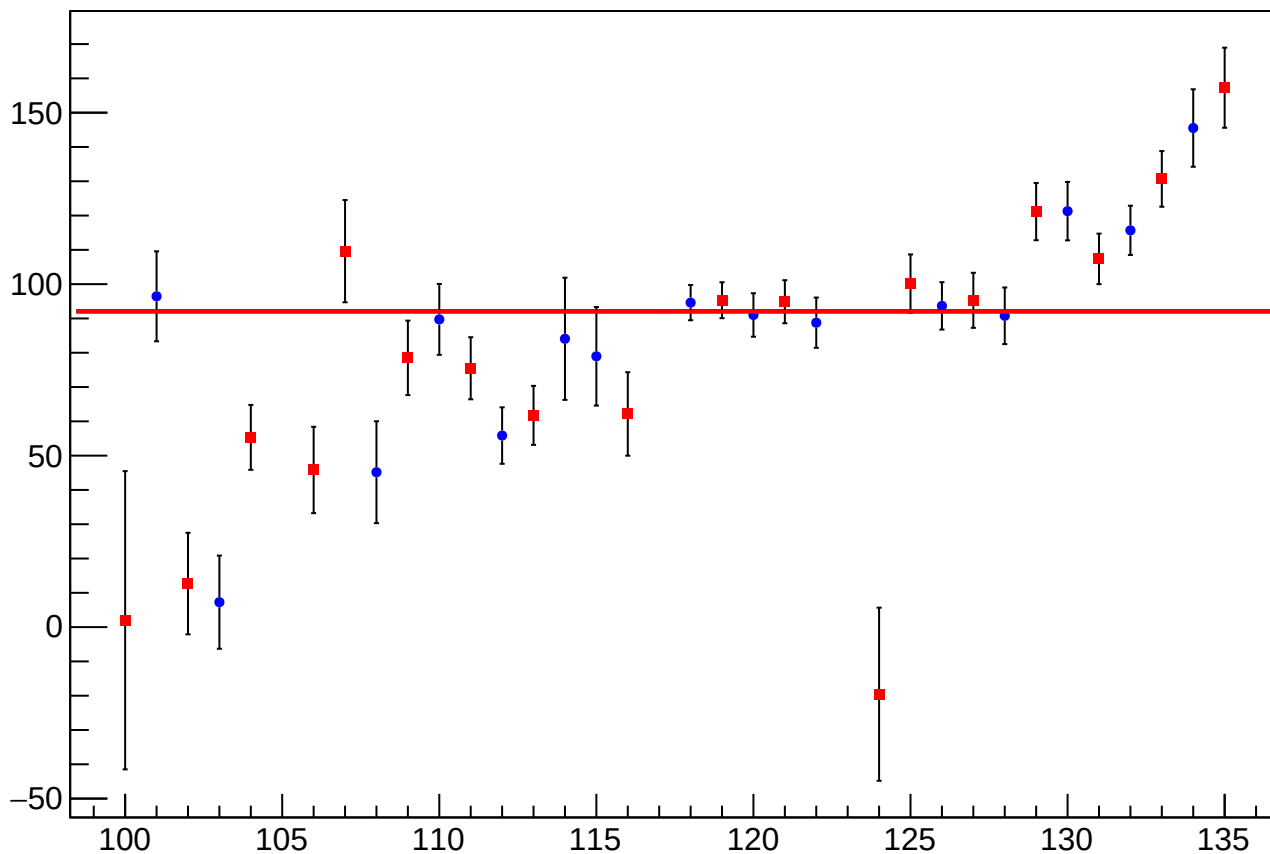
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 360.960 $\pm$ 1.499 χ^2 /NDF: 4917.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm4eY_slope vs Slug



Right In: 92.118 $\pm$ 2.204 χ^2 /NDF: 115.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 91.966 $\pm$ 2.151 χ^2 /NDF: 177.9/17

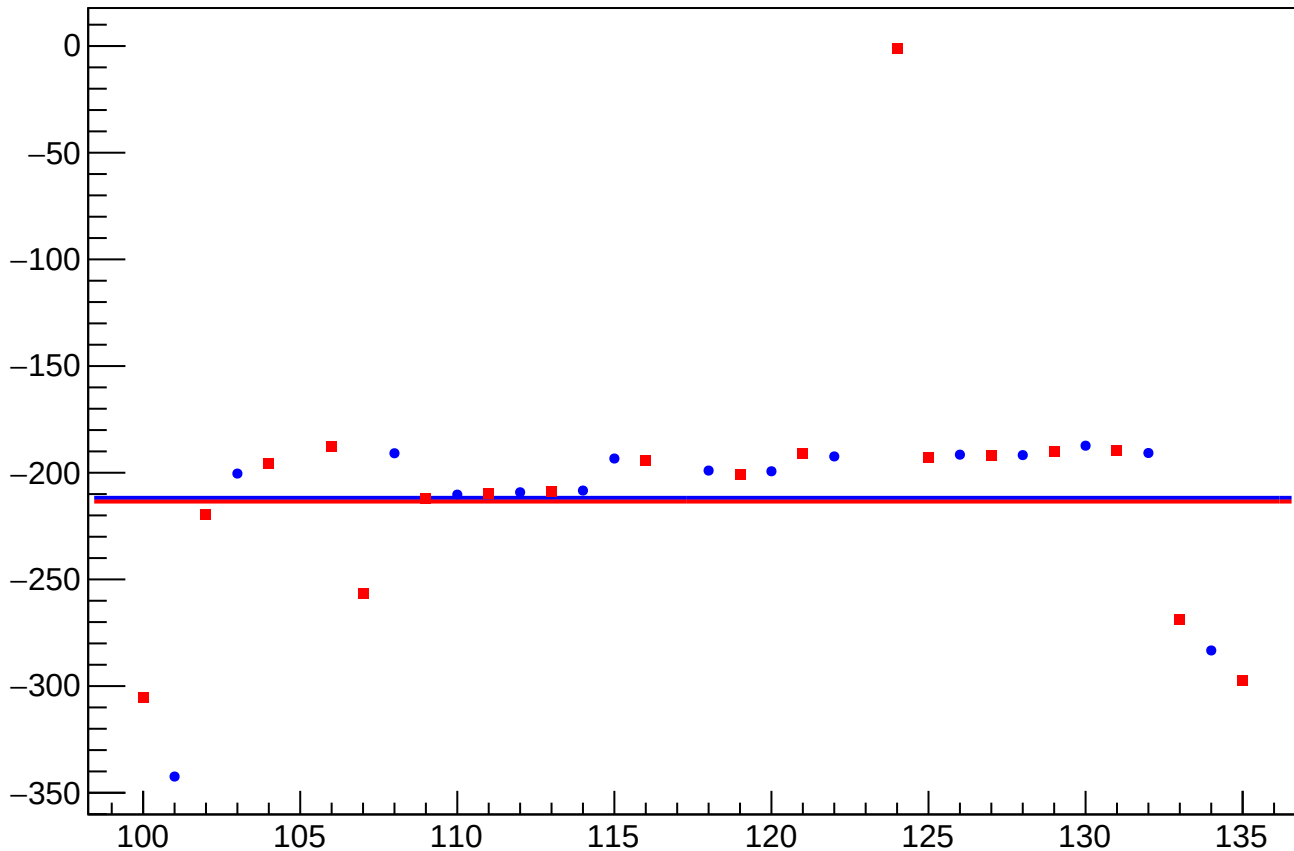
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.040 $\pm$ 1.539 χ^2 /NDF: 293.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl2_diff_bpm12X_slope vs Slug



Right In: -211.767 $\pm$ 0.149 χ^2 /NDF: 73784.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -213.510 $\pm$ 0.136 χ^2 /NDF: 70979.0/17

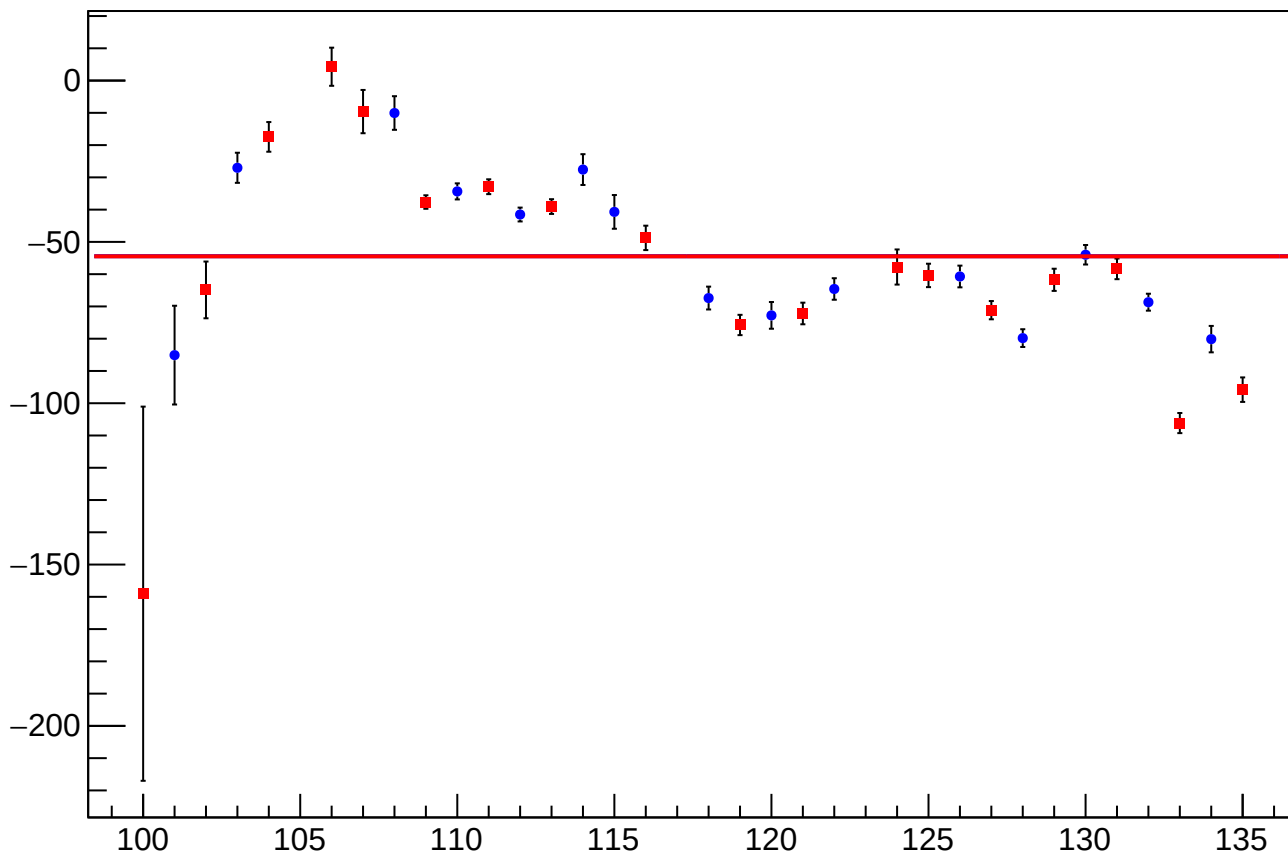
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -212.715 $\pm$ 0.100 χ^2 /NDF: 144837.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm1X_slope vs Slug



Right In: -54.430 ± 0.874 χ^2/NDF : 450.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -54.475 ± 0.798 χ^2/NDF : 924.1/17

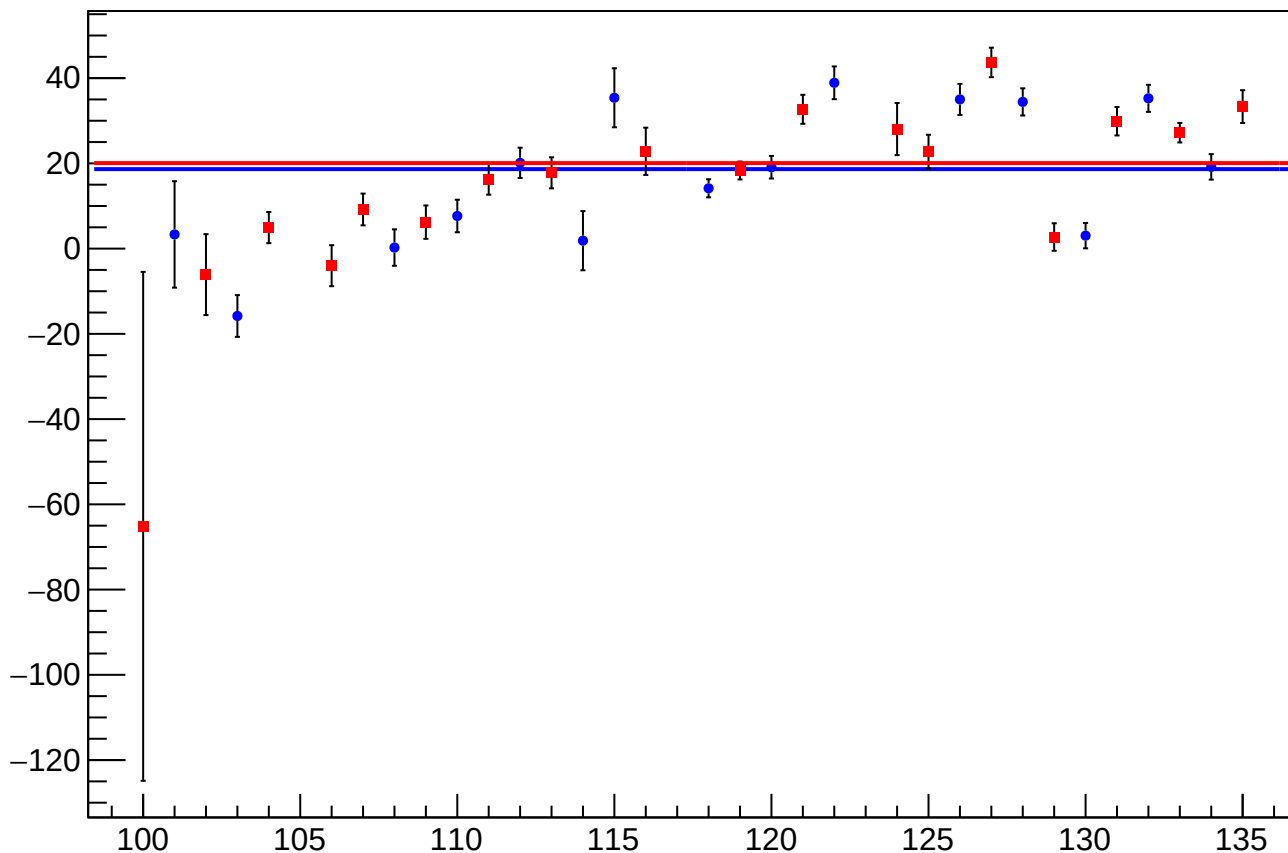
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -54.455 ± 0.589 χ^2/NDF : 1374.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm4aY_slope vs Slug



Right In: 18.650 $\pm$ 0.904 χ^2 /NDF: 221.6/14

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

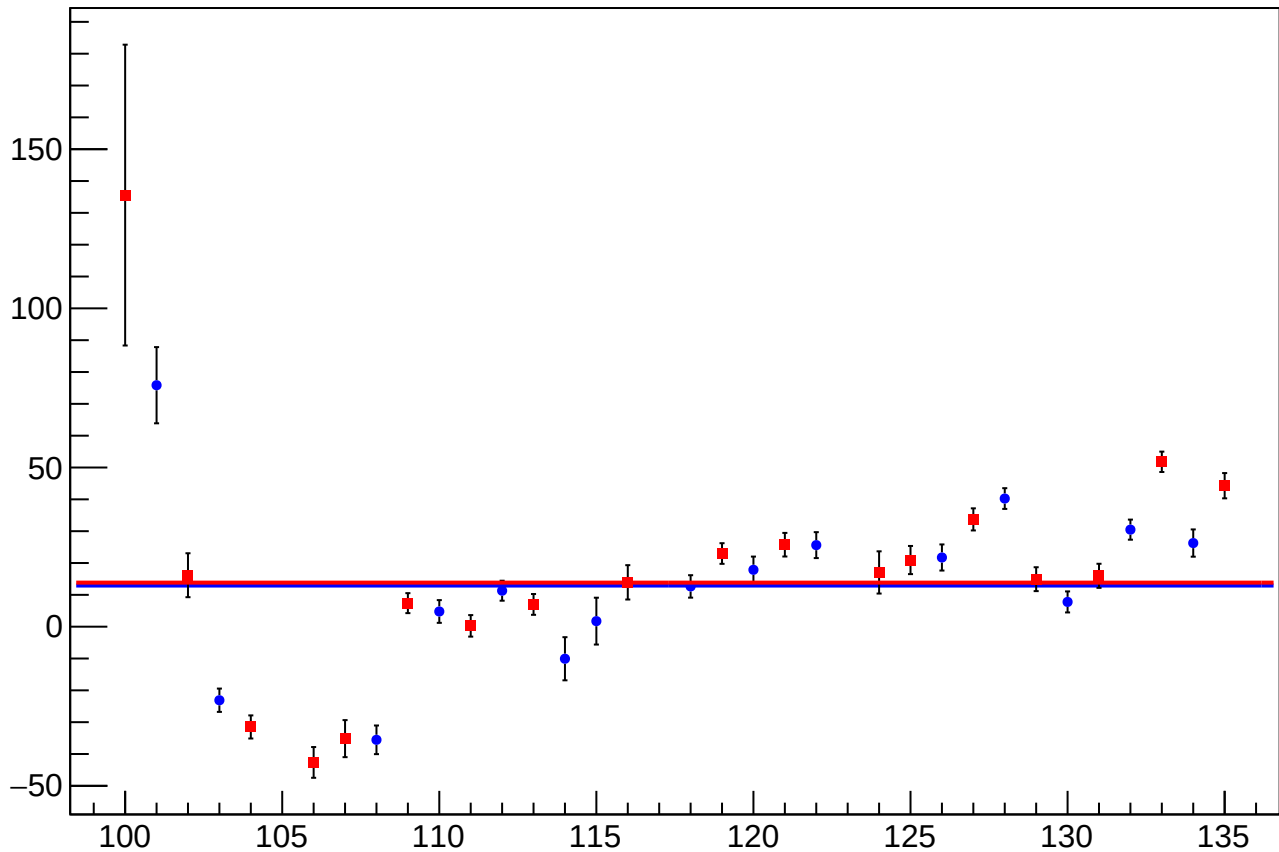
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 19.399 $\pm$ 0.620 χ^2 /NDF: 419.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eX_slope vs Slug



Right In: 12.920+/-1.026 χ^2 /NDF: 388.9/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 13.841+/-0.948 χ^2 /NDF: 649.2/17

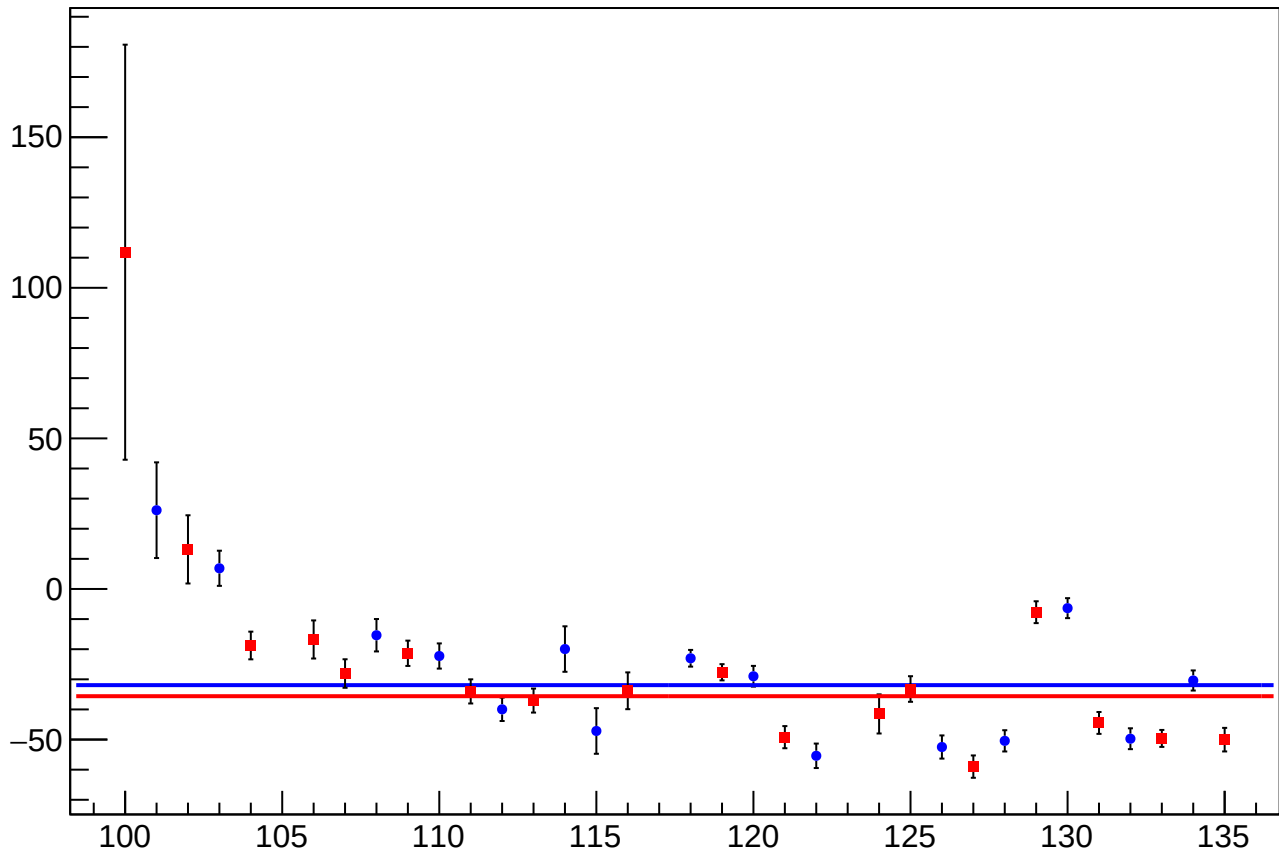
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 13.417+/-0.696 χ^2 /NDF: 1038.6/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1_diff_bpm4eY_slope vs Slug



Right In: -31.933 ± 1.046 χ^2/NDF : 269.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -35.604 ± 0.980 χ^2/NDF : 226.6/17

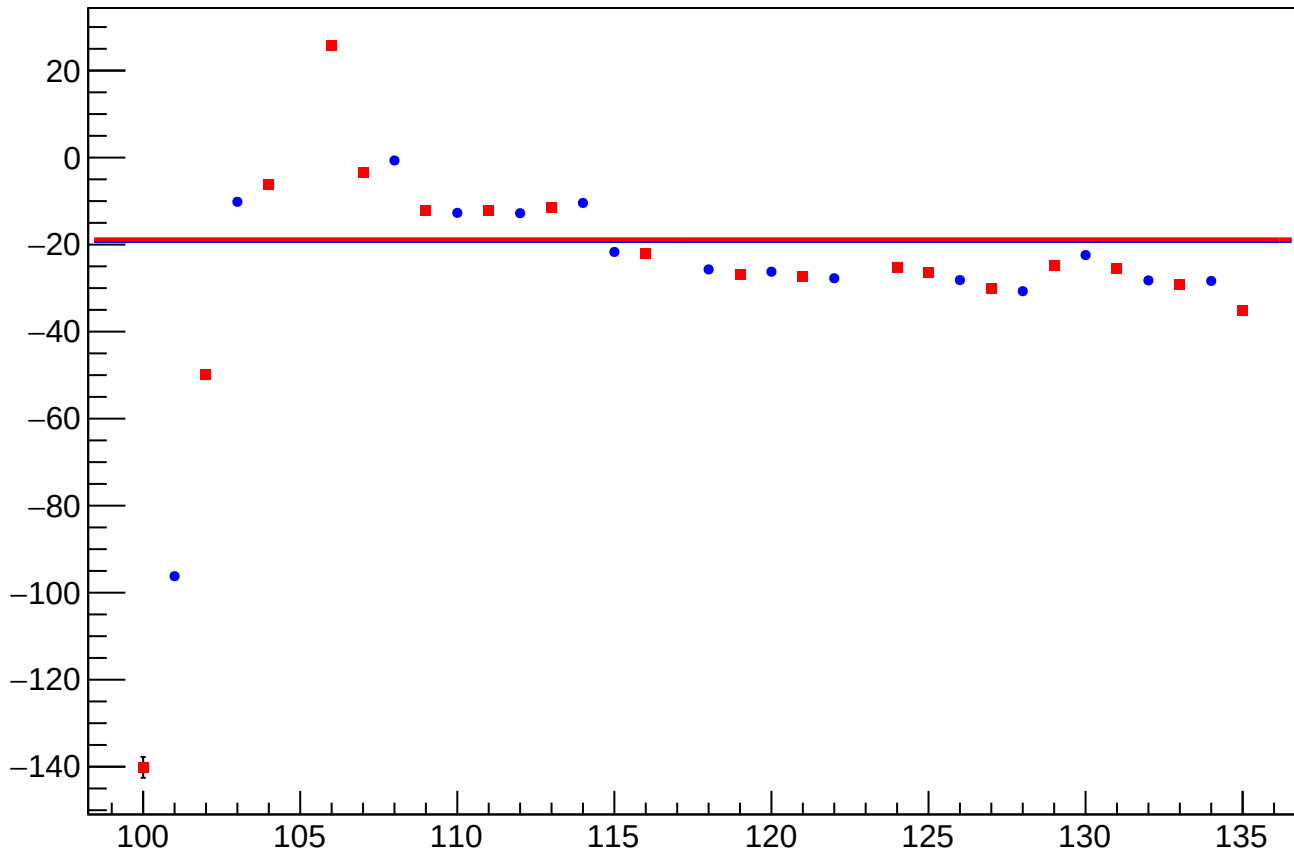
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -33.889 ± 0.715 χ^2/NDF : 502.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1_diff_bpm12X_slope vs Slug



Right In: -19.177+/-0.066 χ^2/NDF : 35719.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -18.793+/-0.061 χ^2/NDF : 80054.6/17

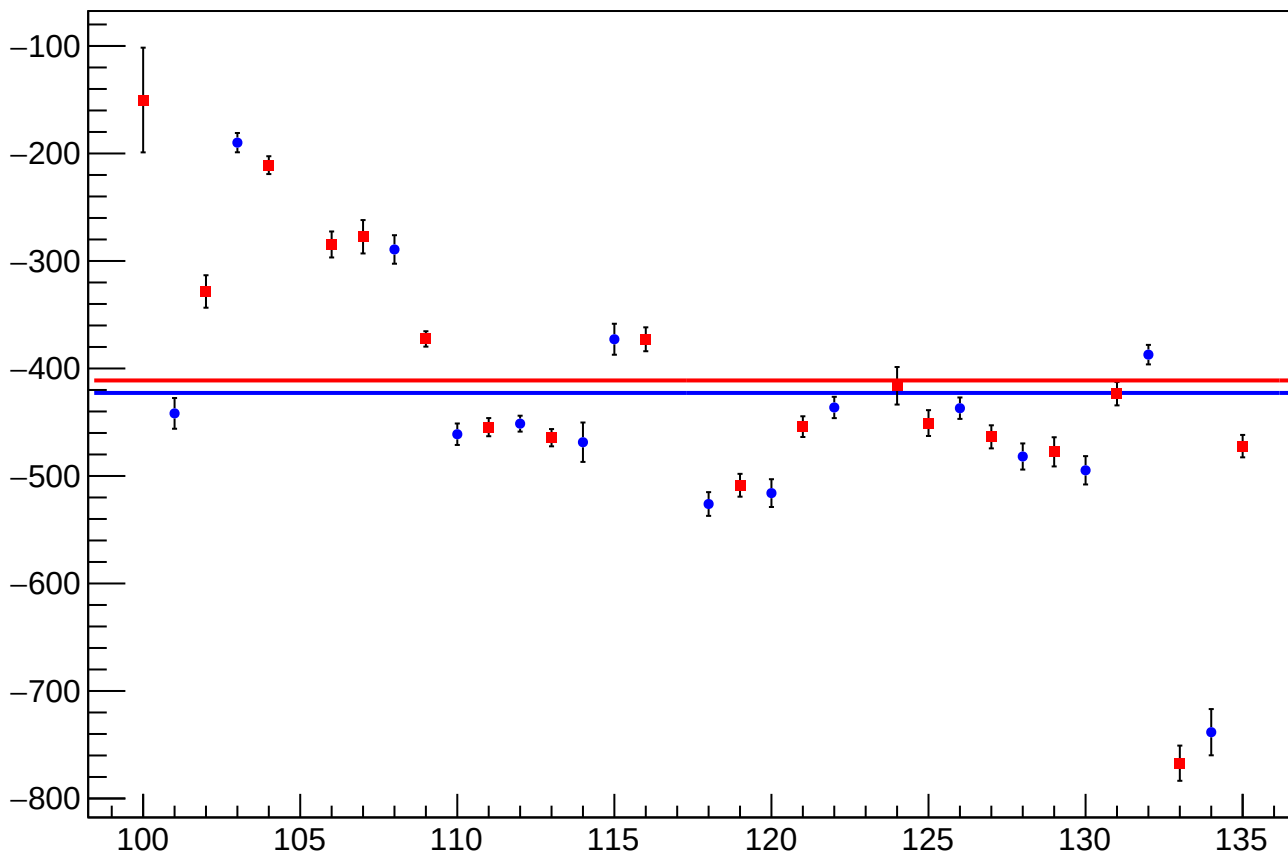
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -18.970+/-0.045 χ^2/NDF : 115792.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm1X_slope vs Slug



Right In: -422.749 ± 2.883 χ^2/NDF : 1251.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -411.139 ± 2.558 χ^2/NDF : 1608.1/17

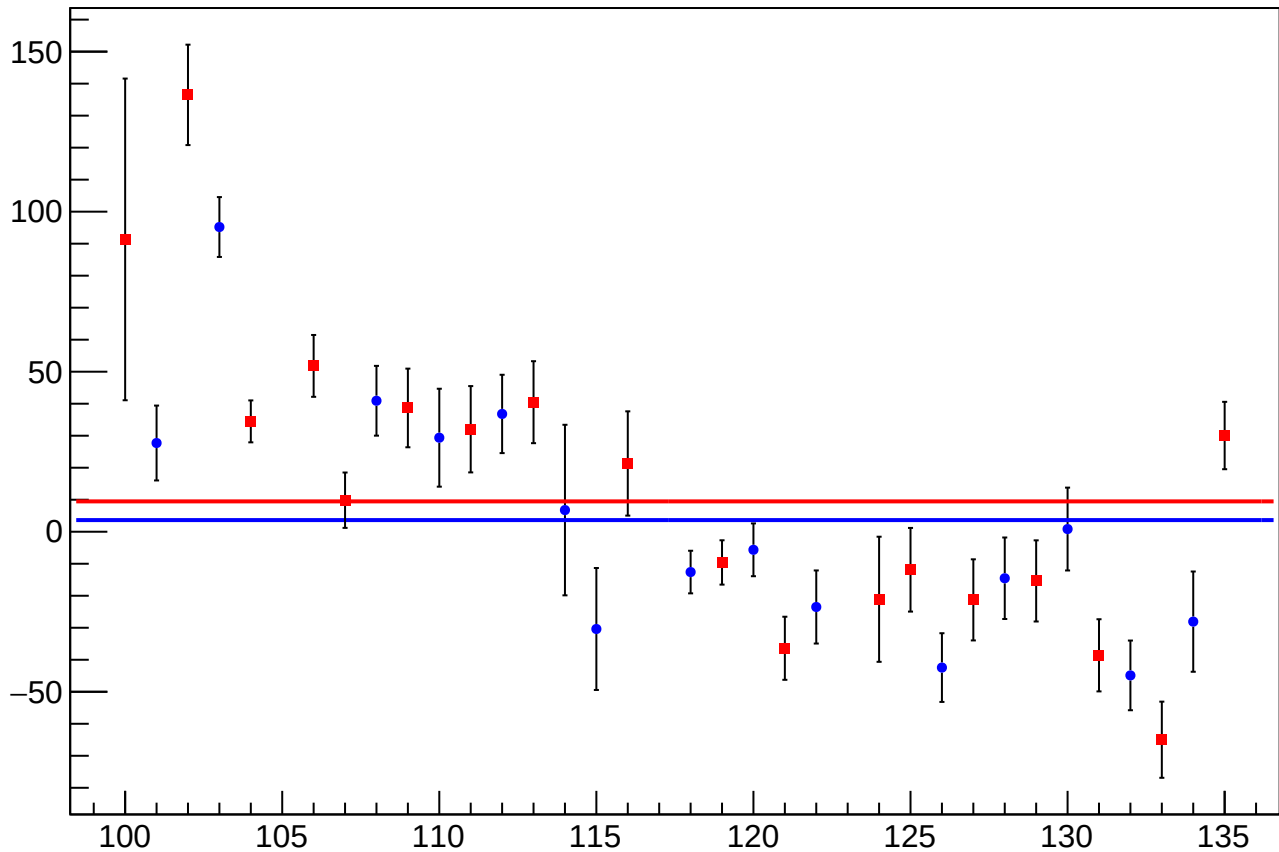
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -416.254 ± 1.913 χ^2/NDF : 2868.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4aY_slope vs Slug



Right In: 3.637 ± 2.880 $\chi^2/\text{NDF}: 182.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.481 ± 2.583 $\chi^2/\text{NDF}: 222.1/17$

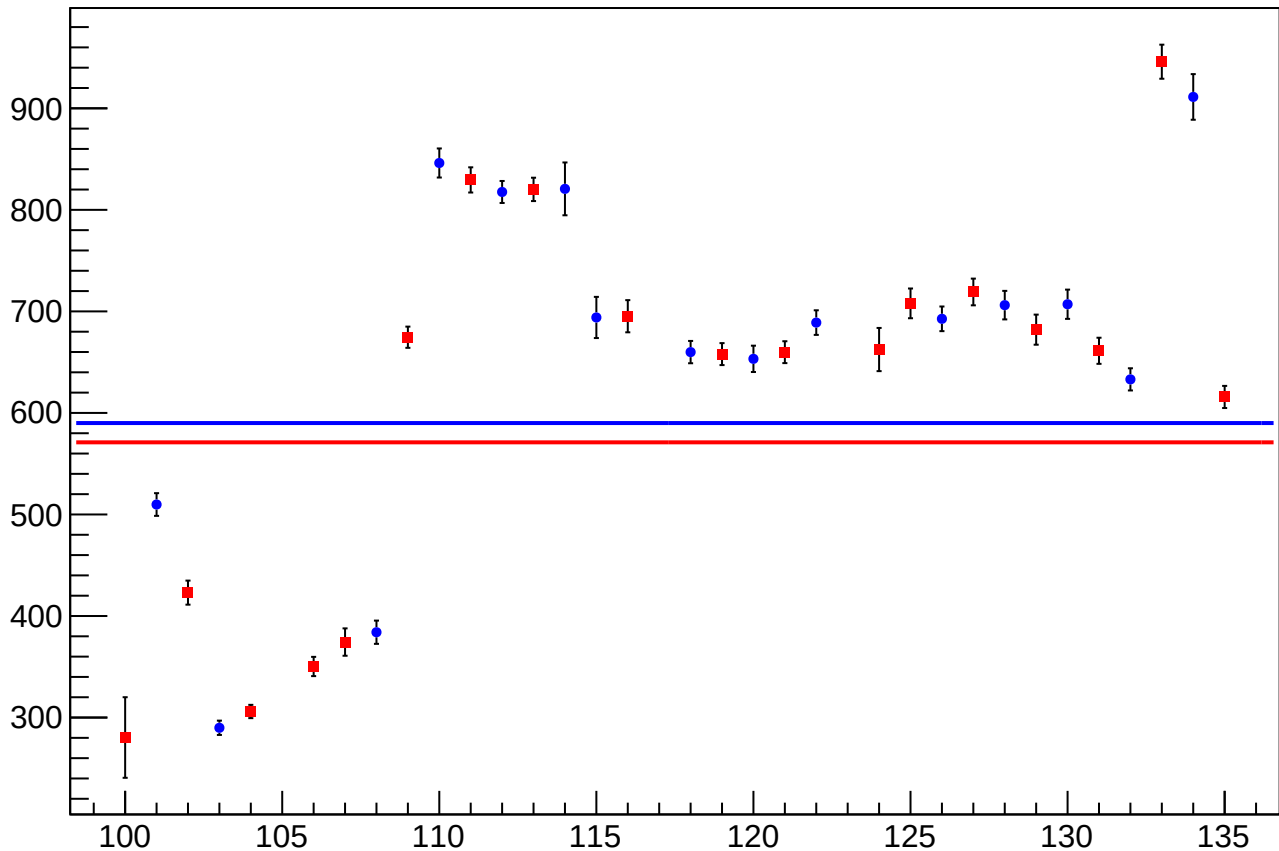
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 6.876 ± 1.923 $\chi^2/\text{NDF}: 406.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr2_diff_bpm4eX_slope vs Slug



Right In: 590.036+/-3.144 χ^2/NDF : 3612.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 571.036+/-2.802 χ^2/NDF : 4655.0/17

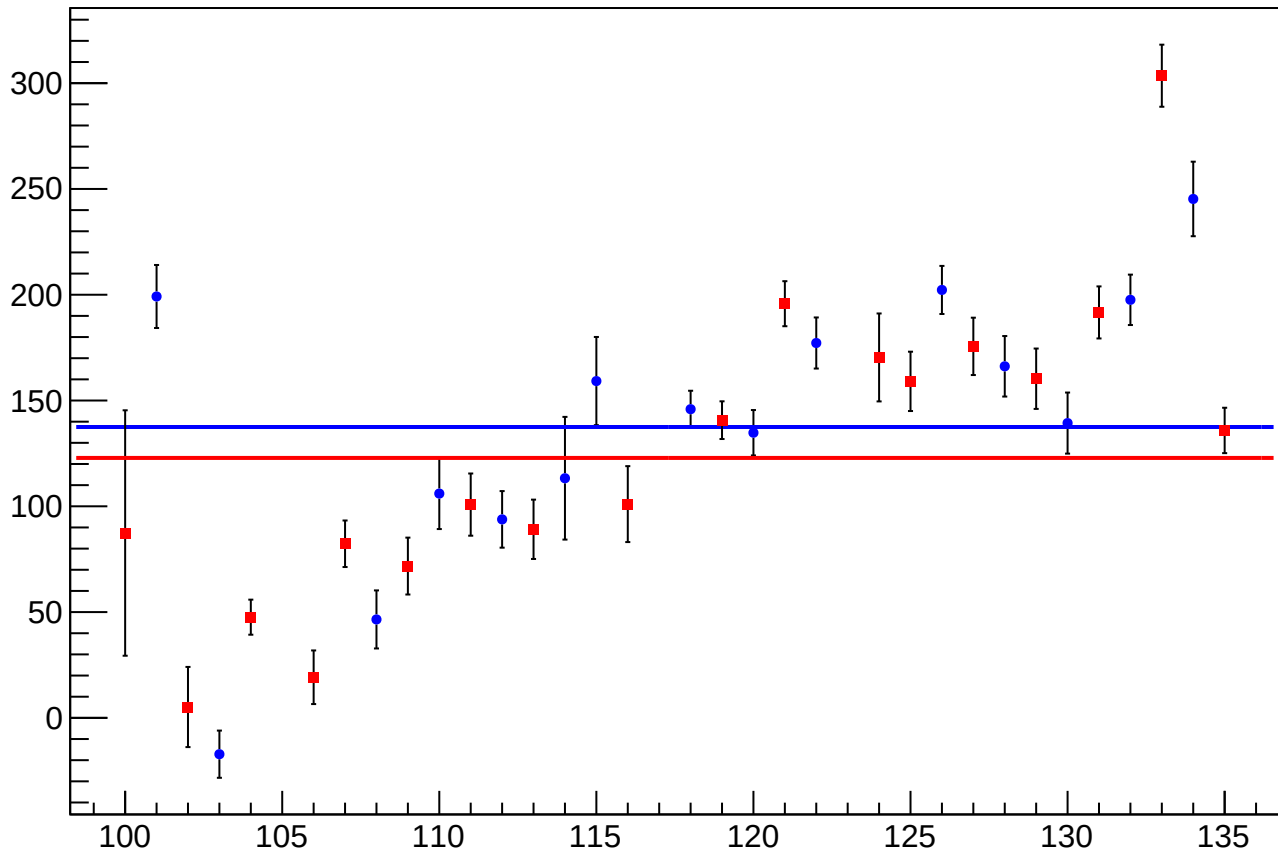
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 579.446+/-2.092 χ^2/NDF : 8288.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm4eY_slope vs Slug



Right In: 137.484+/-3.392 χ^2/NDF : 380.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 122.866+/-3.020 χ^2/NDF : 495.2/17

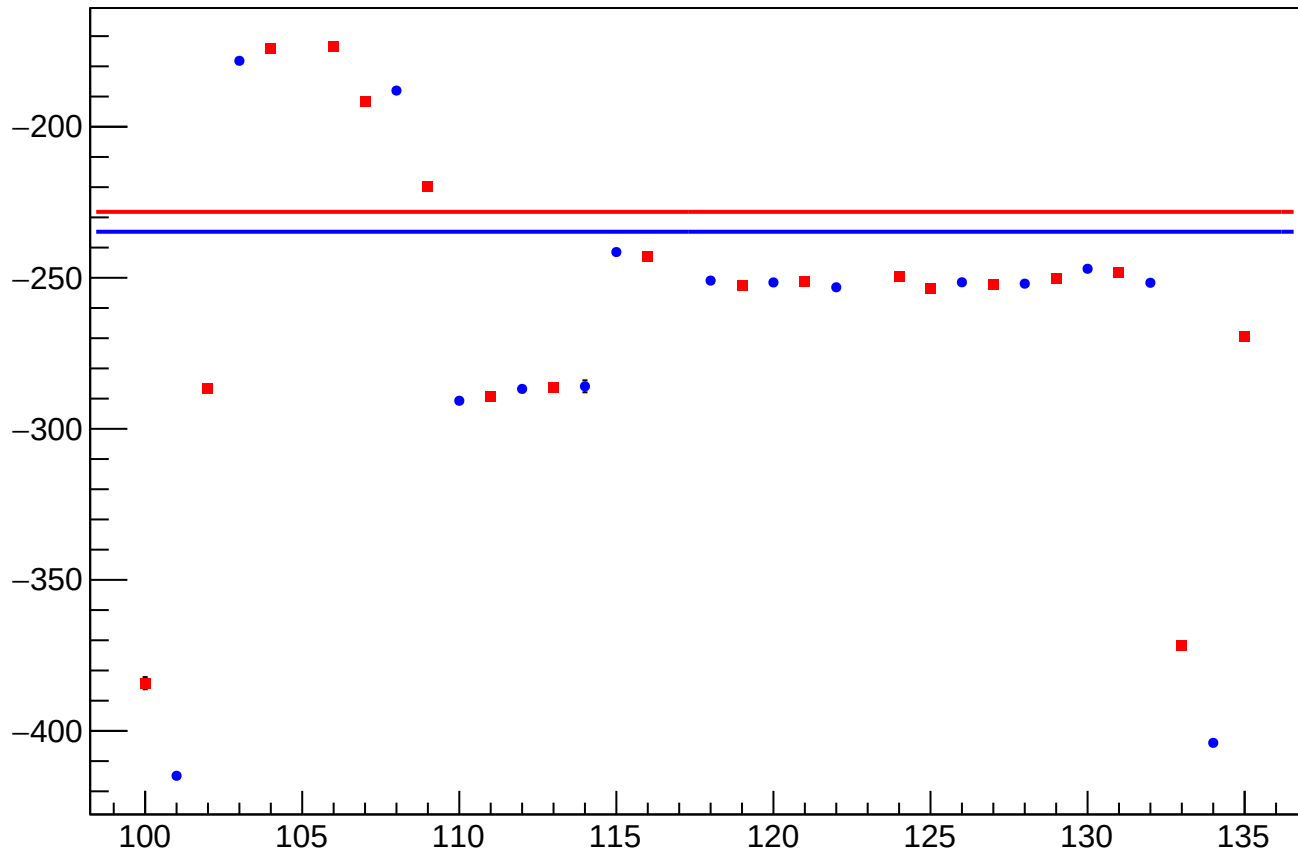
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 129.331+/-2.256 χ^2/NDF : 885.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr2_diff_bpm12X_slope vs Slug



Right In: -234.755+/-0.184 χ^2/NDF : 163634.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.169+/-0.161 χ^2/NDF : 99137.3/17

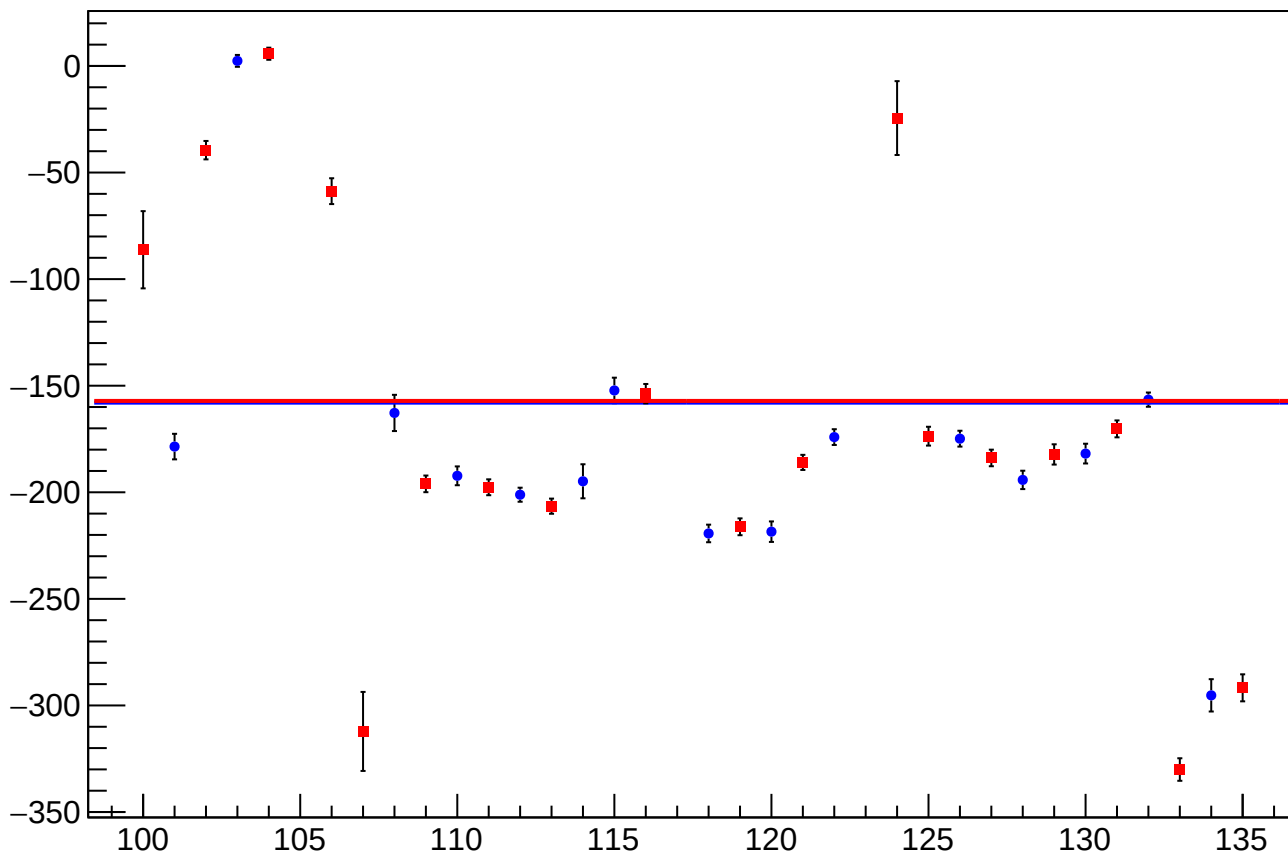
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -231.025+/-0.121 χ^2/NDF : 263497.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm1X_slope vs Slug



Right In: -157.943+/-1.109 χ^2/NDF : 4439.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -157.141+/-1.049 χ^2/NDF : 6761.0/17

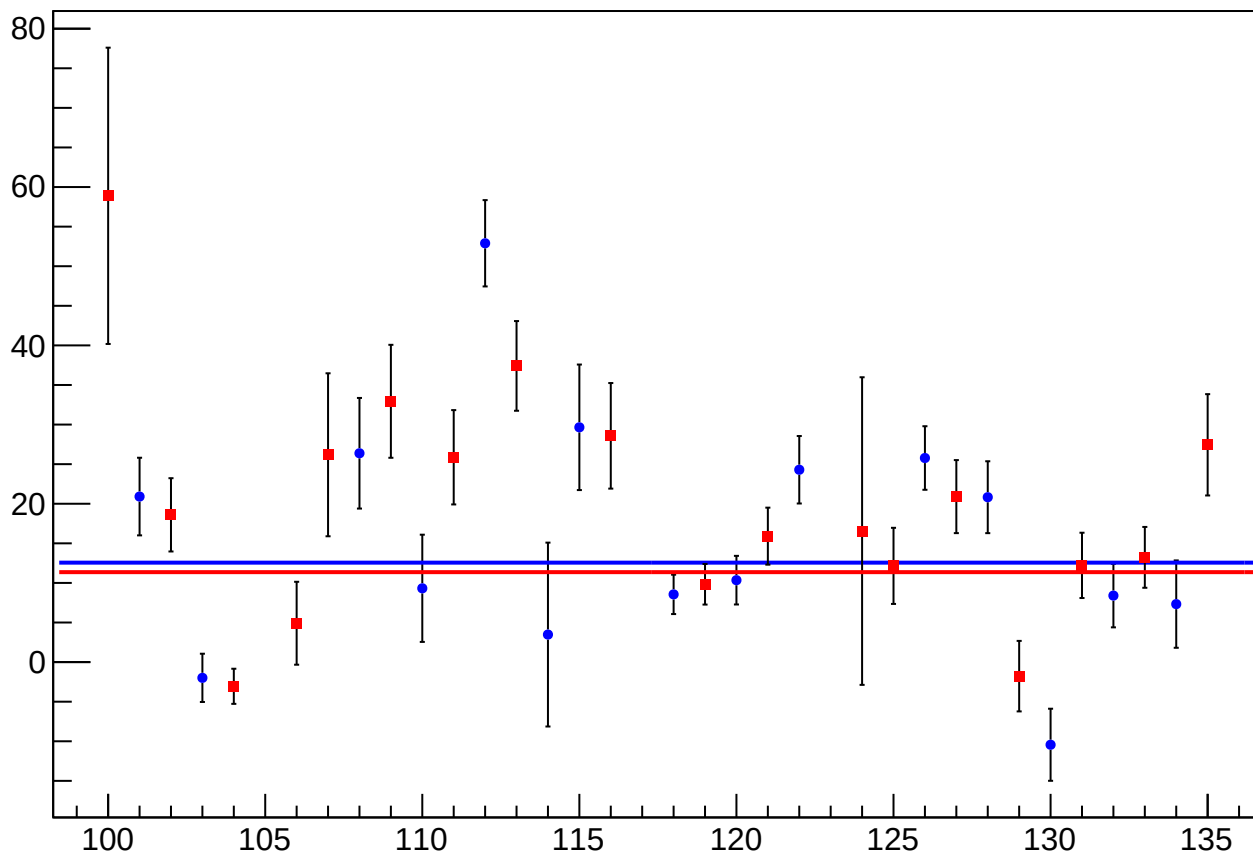
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -157.520+/-0.762 χ^2/NDF : 11200.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4aY_slope vs Slug



Right In: 12.561+/-1.101 χ^2/NDF : 142.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.361+/-1.040 χ^2/NDF : 119.3/17

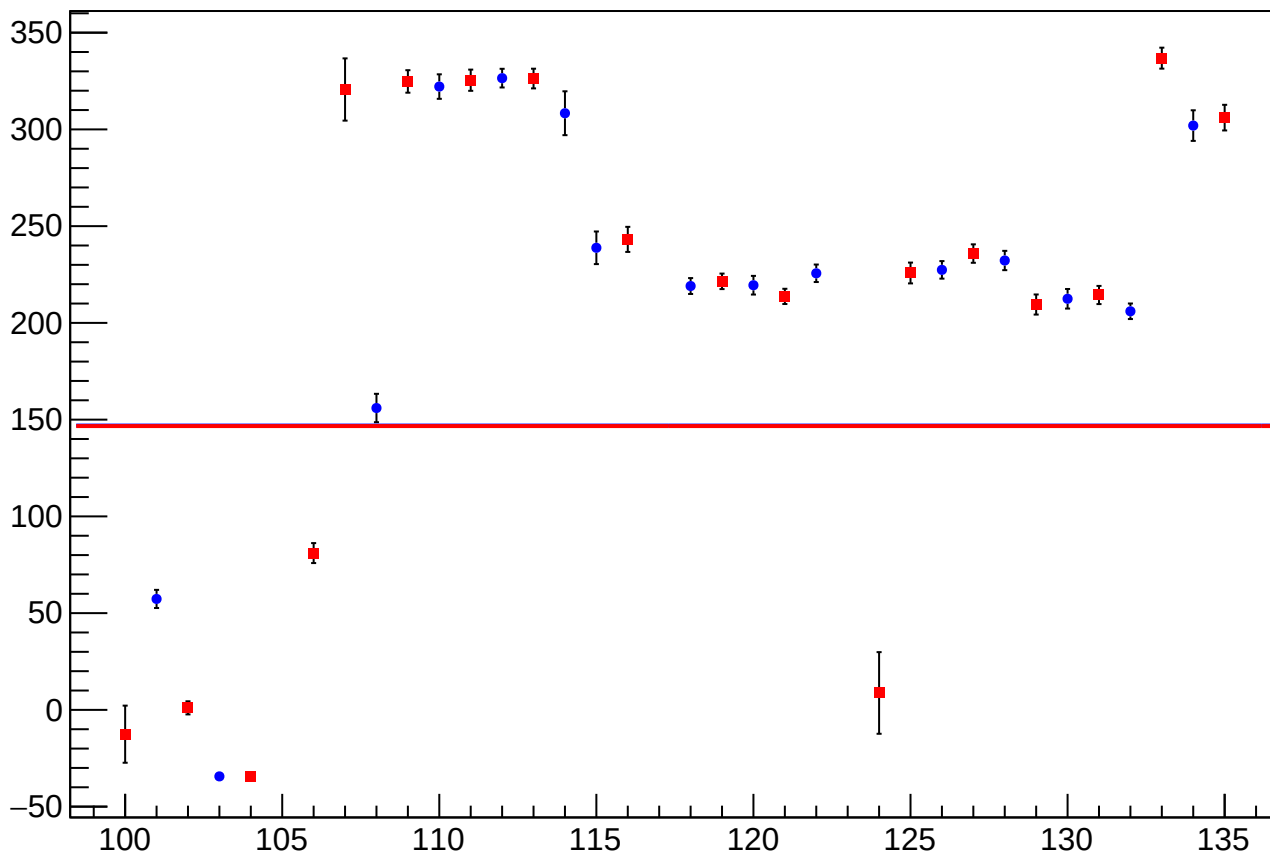
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.927+/-0.756 χ^2/NDF : 262.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eX_slope vs Slug



Right In: 146.929+/-1.178 χ^2/NDF : 11945.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 146.676+/-1.115 χ^2/NDF : 15659.3/17

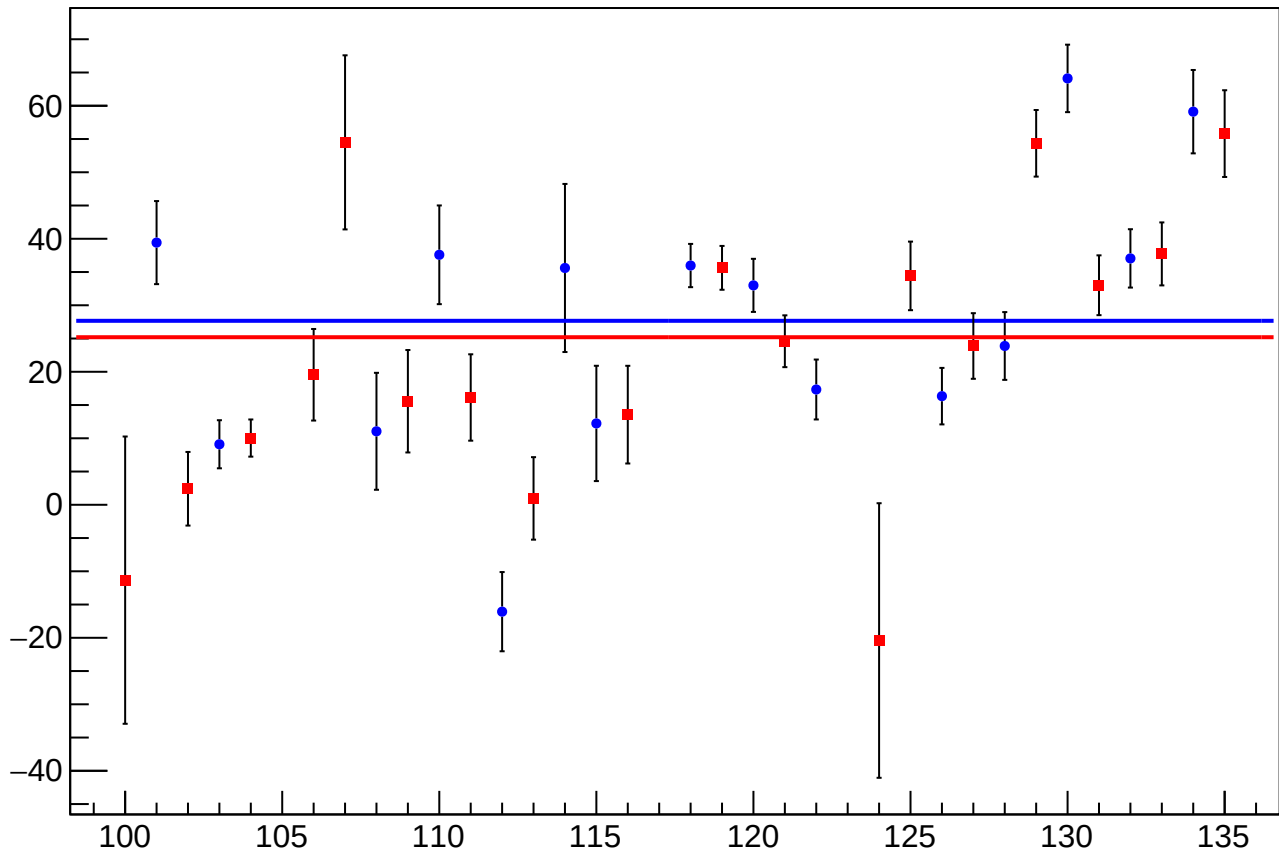
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 146.795+/-0.810 χ^2/NDF : 27604.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_diff_bpm4eY_slope vs Slug



Right In: 27.663 $\pm$ 1.293 χ^2 /NDF: 195.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 25.196 $\pm$ 1.221 χ^2 /NDF: 160.4/17

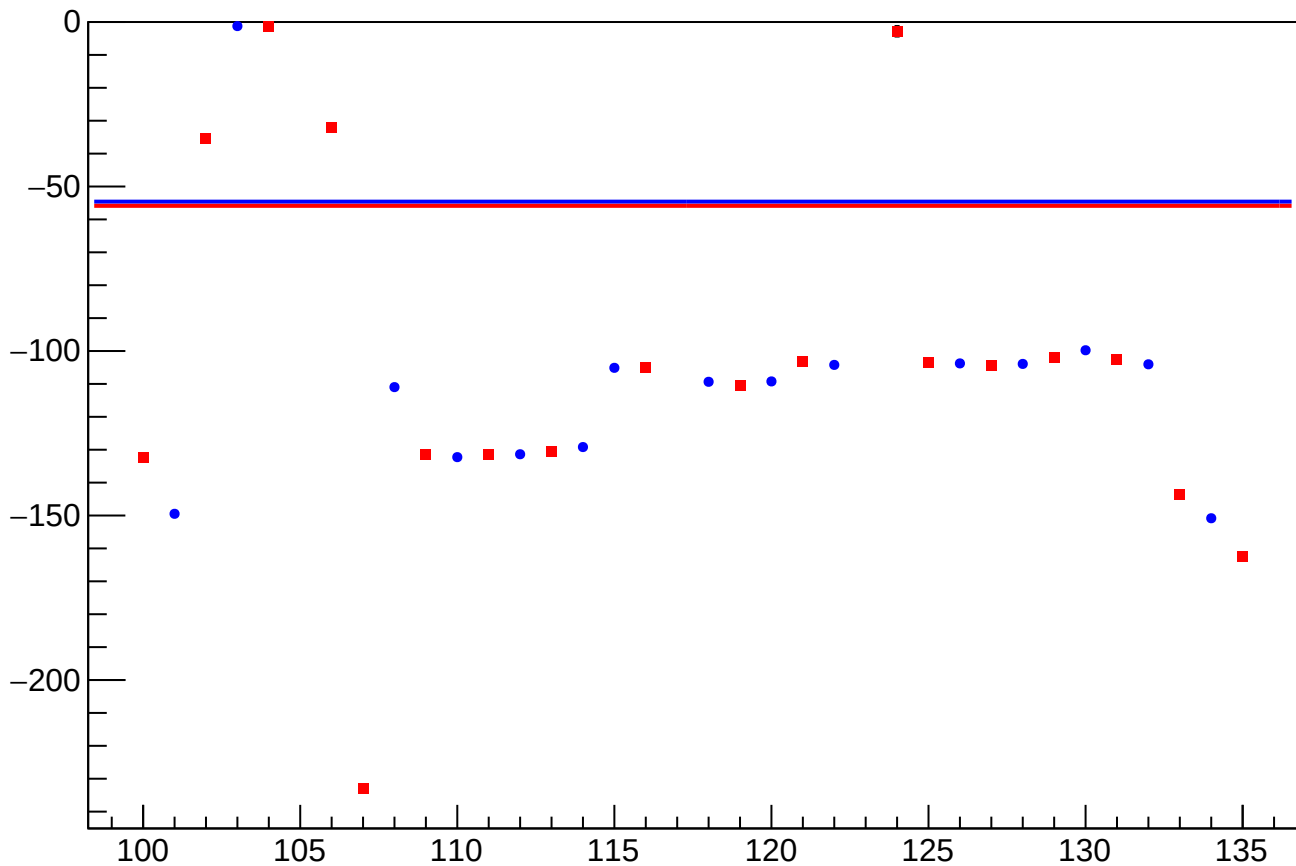
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 26.358 $\pm$ 0.888 χ^2 /NDF: 357.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_diff_bpm12X_slope vs Slug



Right In: -54.598+/-0.067 χ^2/NDF : 797770.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -55.871+/-0.063 χ^2/NDF : 821247.8/17

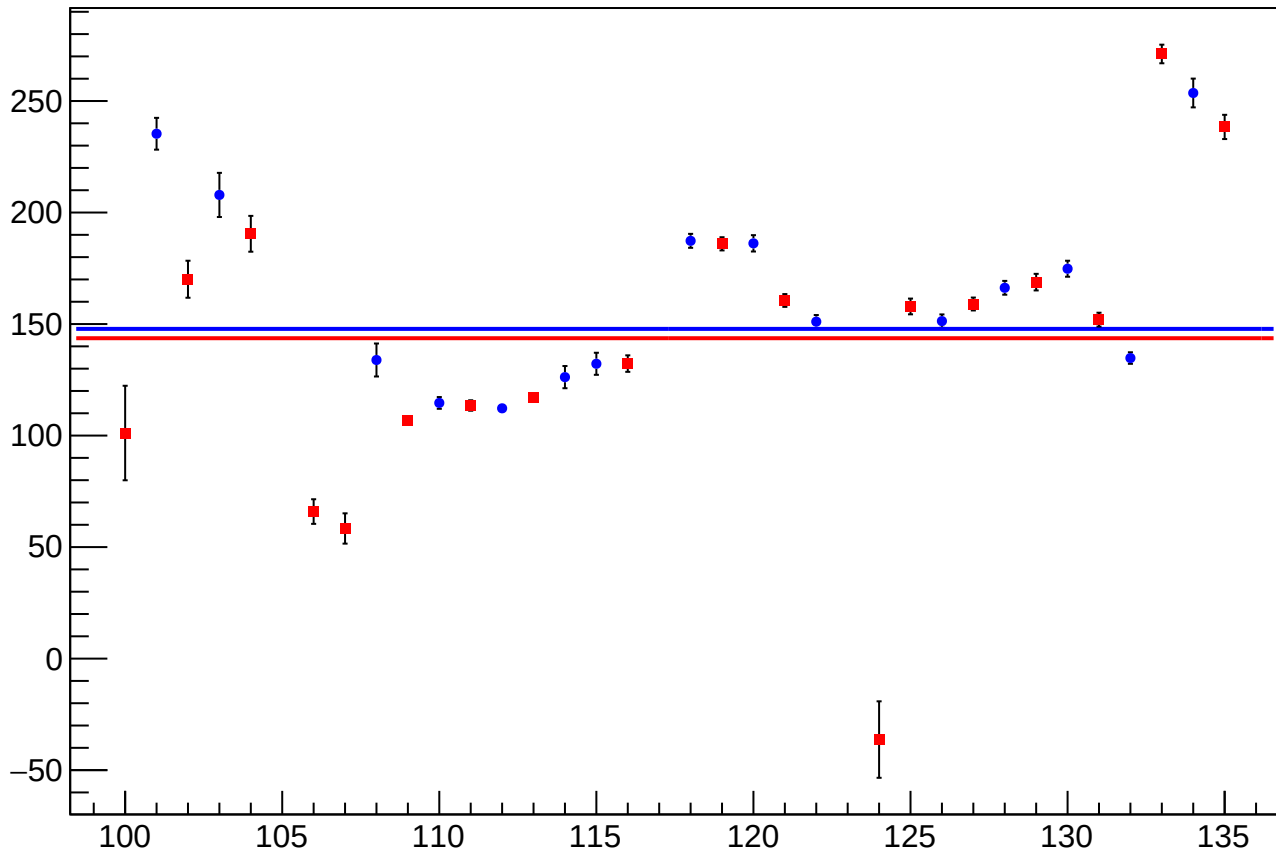
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -55.276+/-0.046 χ^2/NDF : 1619210.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm1X_slope vs Slug



Right In: 147.836 $\pm$ 0.892 χ^2 /NDF: 1322.0/14

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

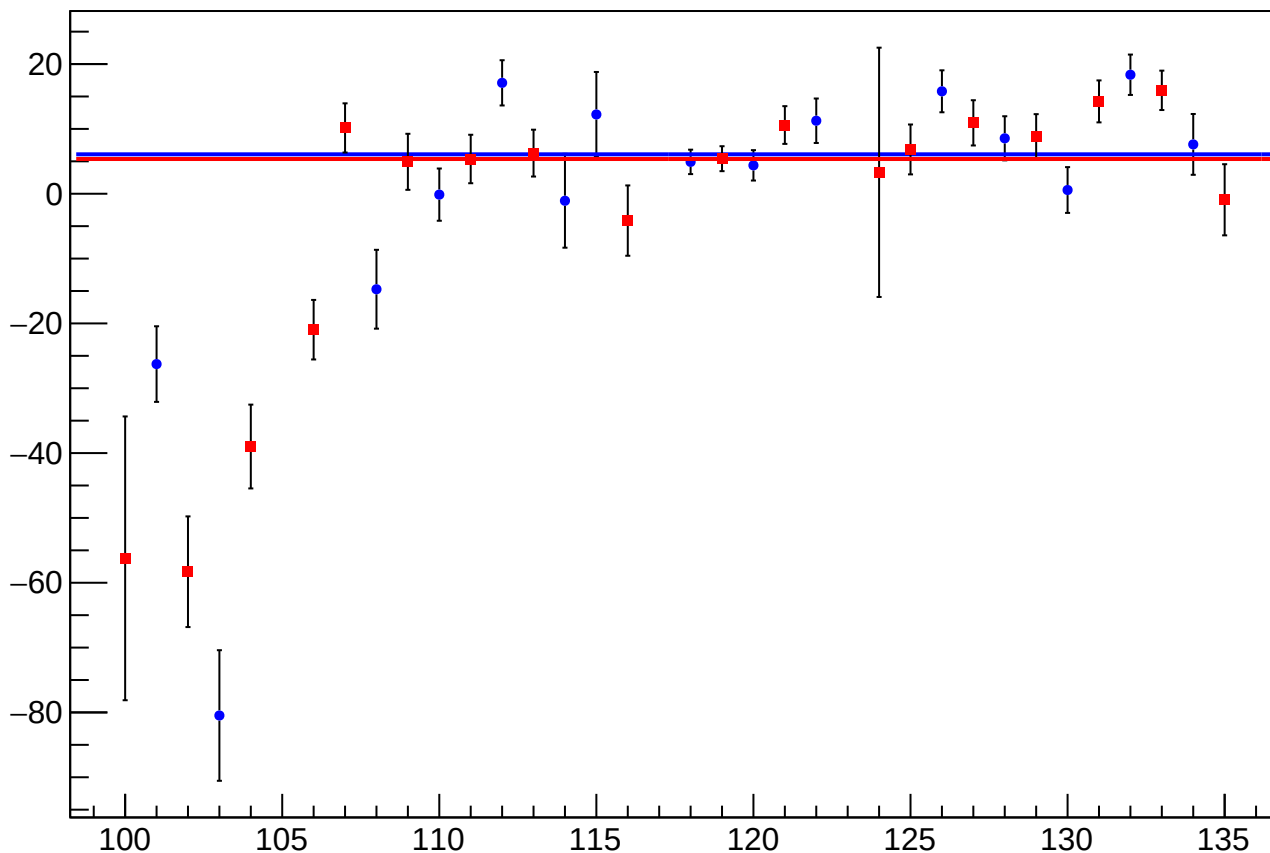
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 145.592 $\pm$ 0.608 χ^2 /NDF: 4016.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_diff_bpm4aY_slope vs Slug



Right In: 6.080+/-0.908 χ^2/NDF : 161.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.357+/-0.894 χ^2/NDF : 176.2/17

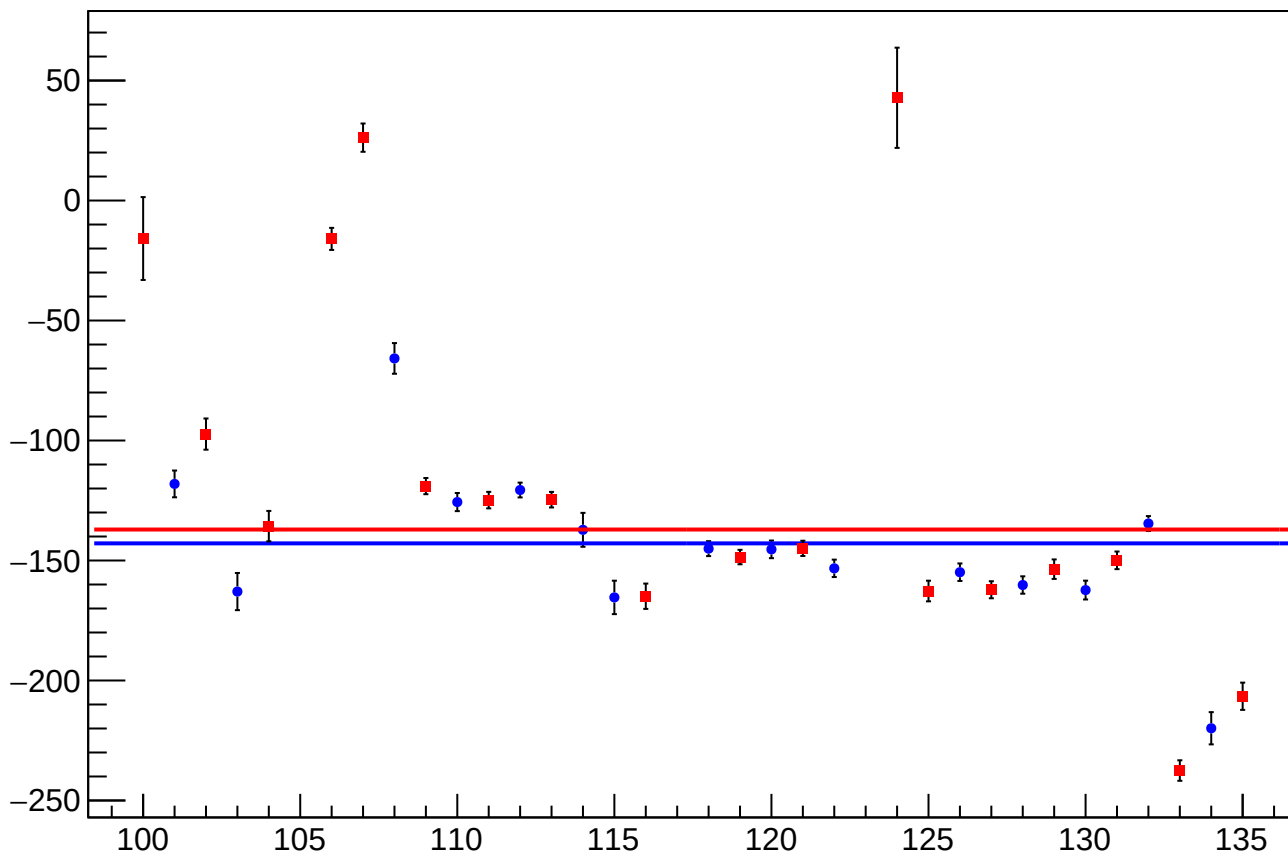
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.713+/-0.637 χ^2/NDF : 337.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eX_slope vs Slug



Right In: -142.859 ± 1.064 χ^2/NDF : 462.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -137.089 ± 1.001 χ^2/NDF : 2542.8/17

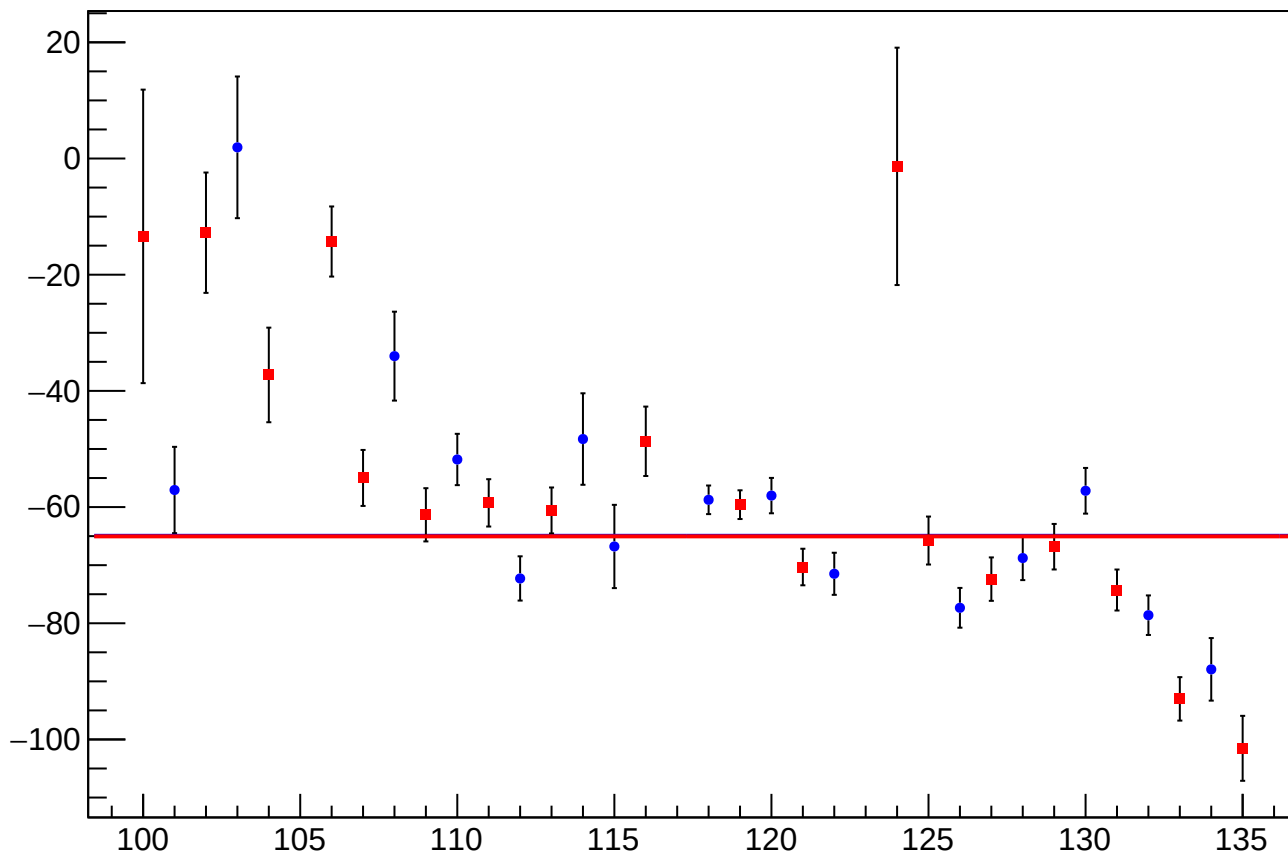
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -139.800 ± 0.729 χ^2/NDF : 3020.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm4eY_slope vs Slug



Right In: -64.947 ± 1.062 χ^2/NDF : 131.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -65.041 ± 1.030 χ^2/NDF : 254.7/17

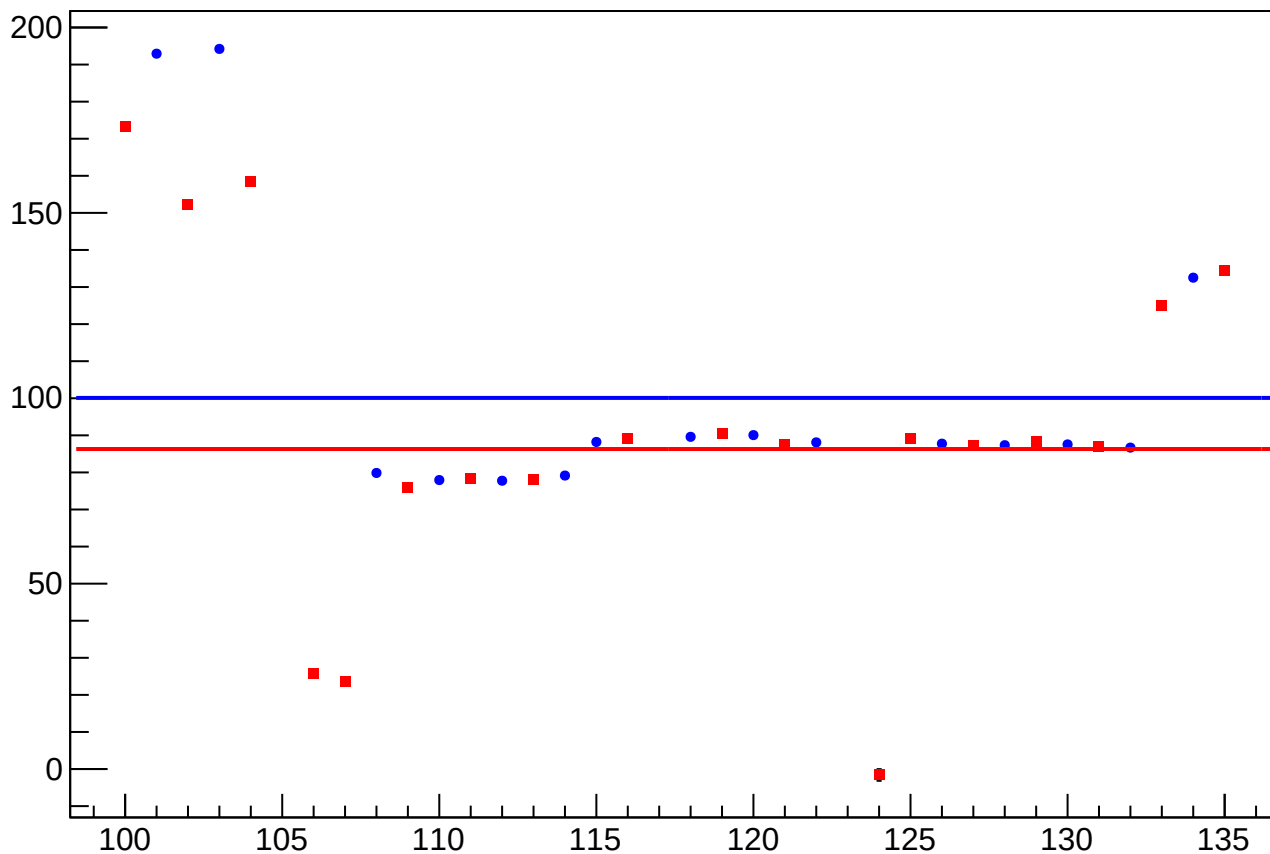
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -64.995 ± 0.739 χ^2/NDF : 386.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_diff_bpm12X_slope vs Slug



Right In: 100.097 $\pm$ 0.077 χ^2 /NDF: 205457.2/14

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

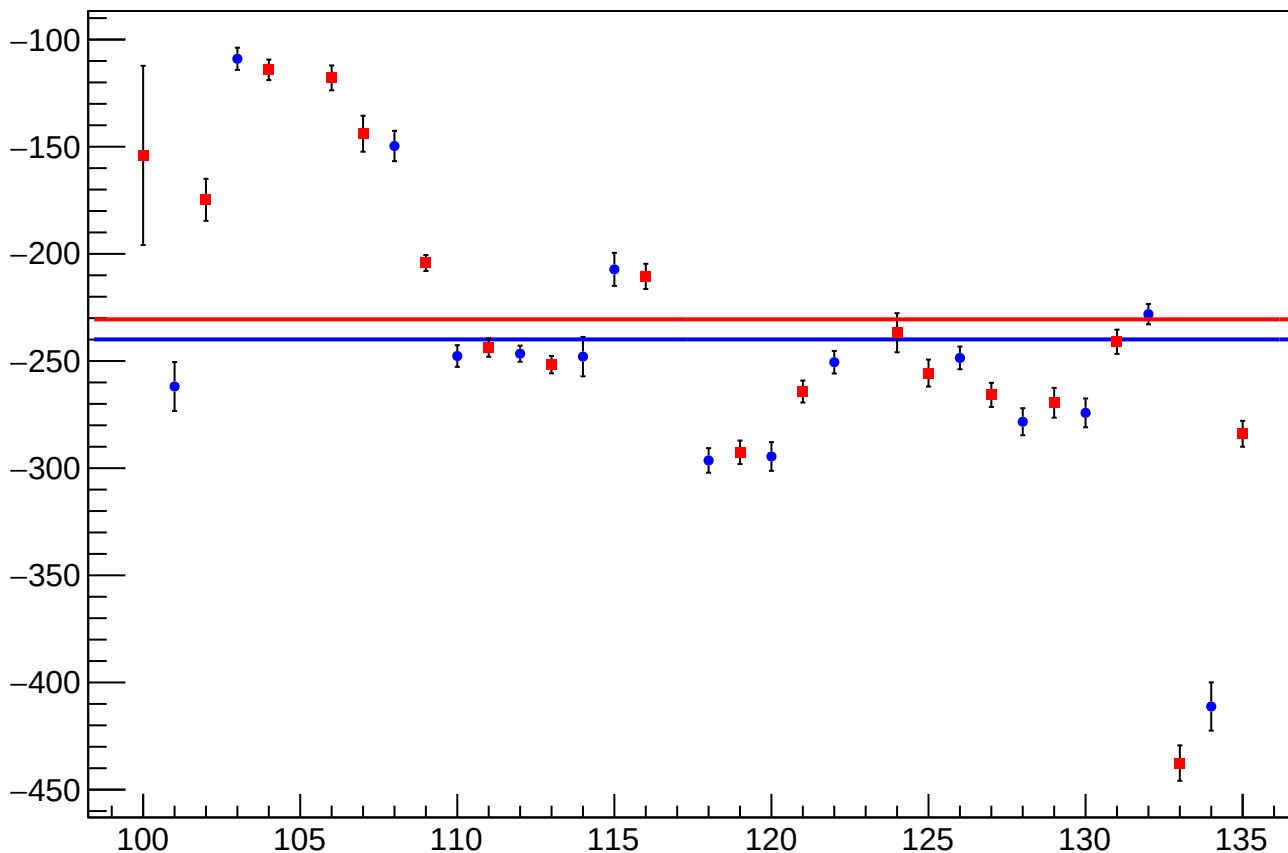
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 92.217 $\pm$ 0.050 χ^2 /NDF: 583405.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm1X_slope vs Slug



Right In: -239.917 $\pm$ 1.530 χ^2 /NDF: 1299.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -230.564 $\pm$ 1.349 χ^2 /NDF: 2182.2/17

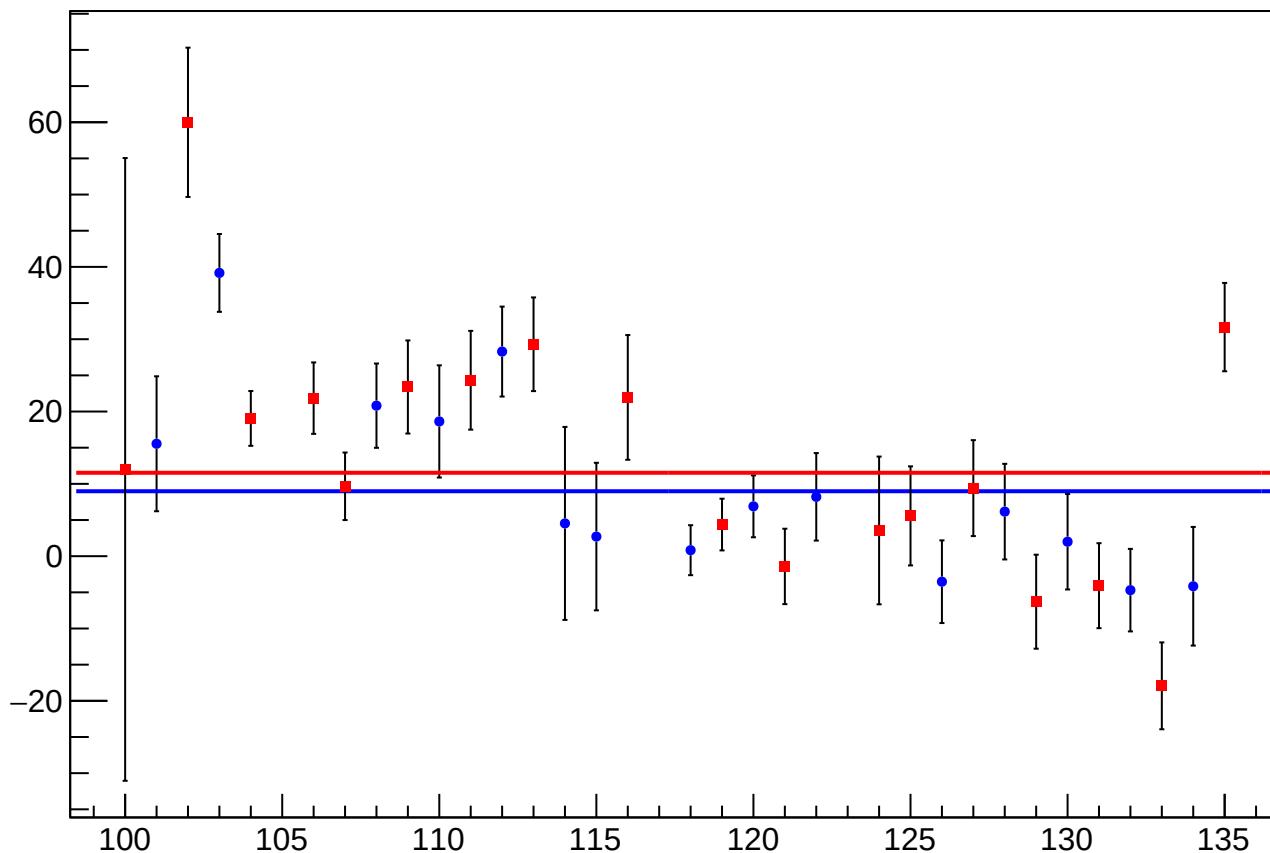
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -234.654 $\pm$ 1.012 χ^2 /NDF: 3502.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4aY_slope vs Slug



Right In: 8.980 $\pm$ 1.541 χ^2 /NDF: 68.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 11.533 $\pm$ 1.380 χ^2 /NDF: 107.6/17

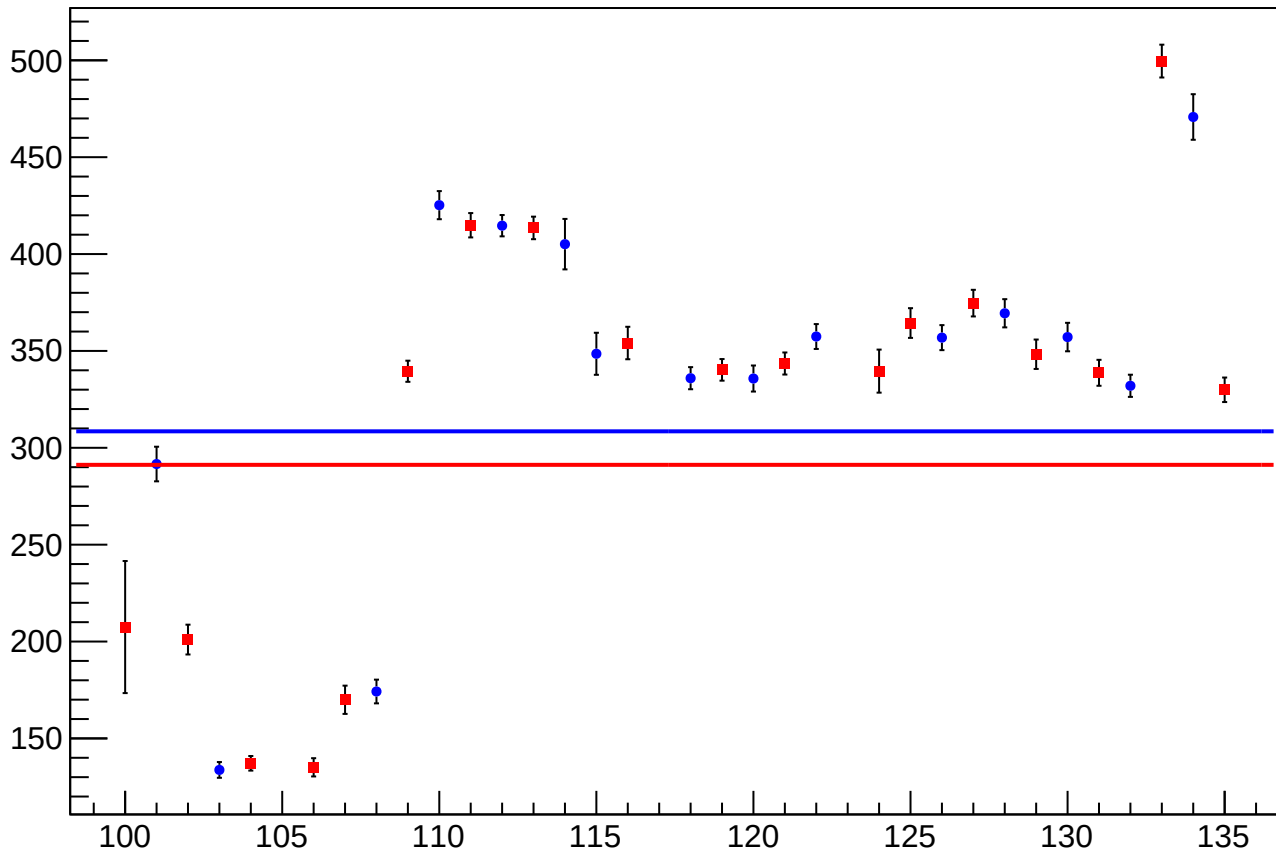
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.397 $\pm$ 1.028 χ^2 /NDF: 177.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eX_slope vs Slug



Right In: 308.503 $\pm$ 1.709 χ^2 /NDF: 3506.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 291.206 $\pm$ 1.503 χ^2 /NDF: 5325.9/17

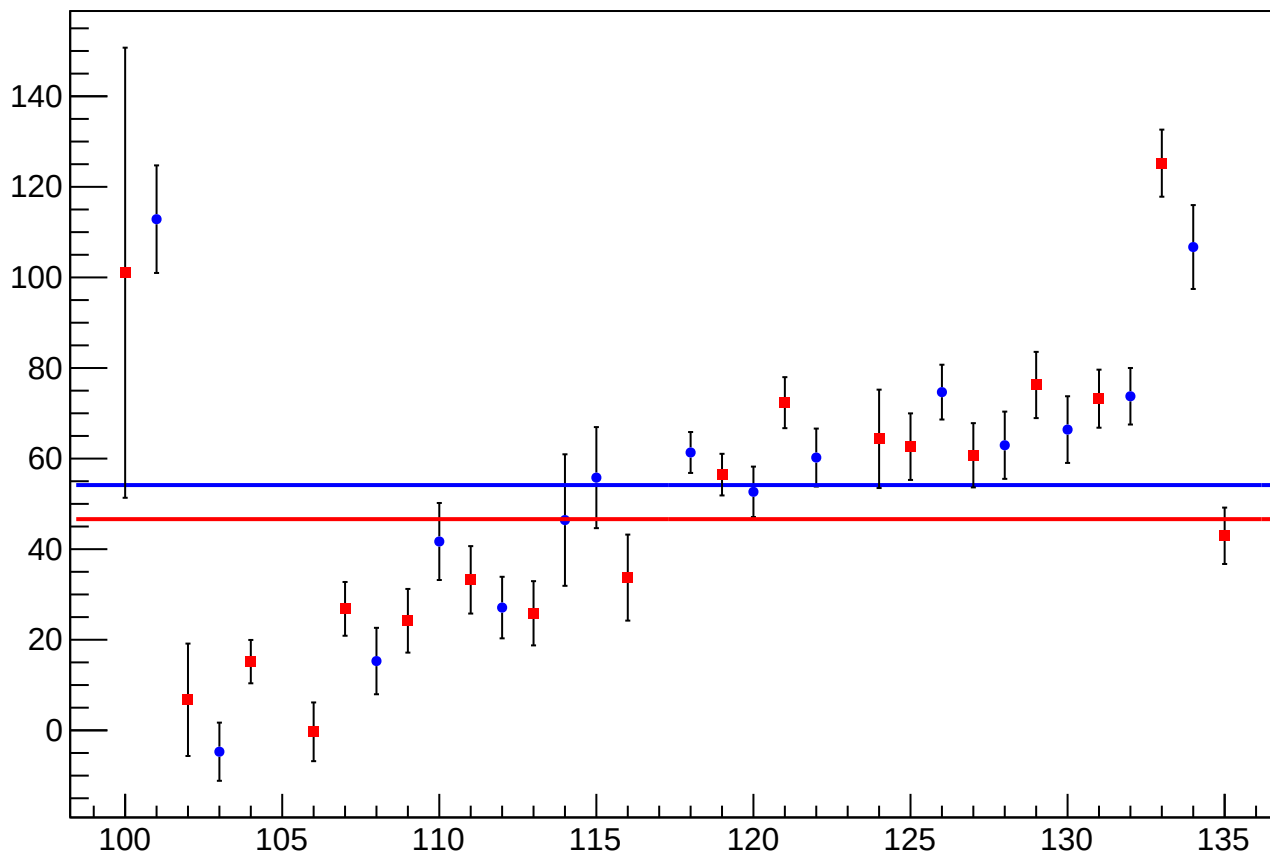
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 298.748 $\pm$ 1.129 χ^2 /NDF: 8889.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_avg_diff_bpm4eY_slope vs Slug



Right In: 54.153+/-1.810 χ^2/NDF : 216.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 46.631+/-1.612 χ^2/NDF : 325.6/17

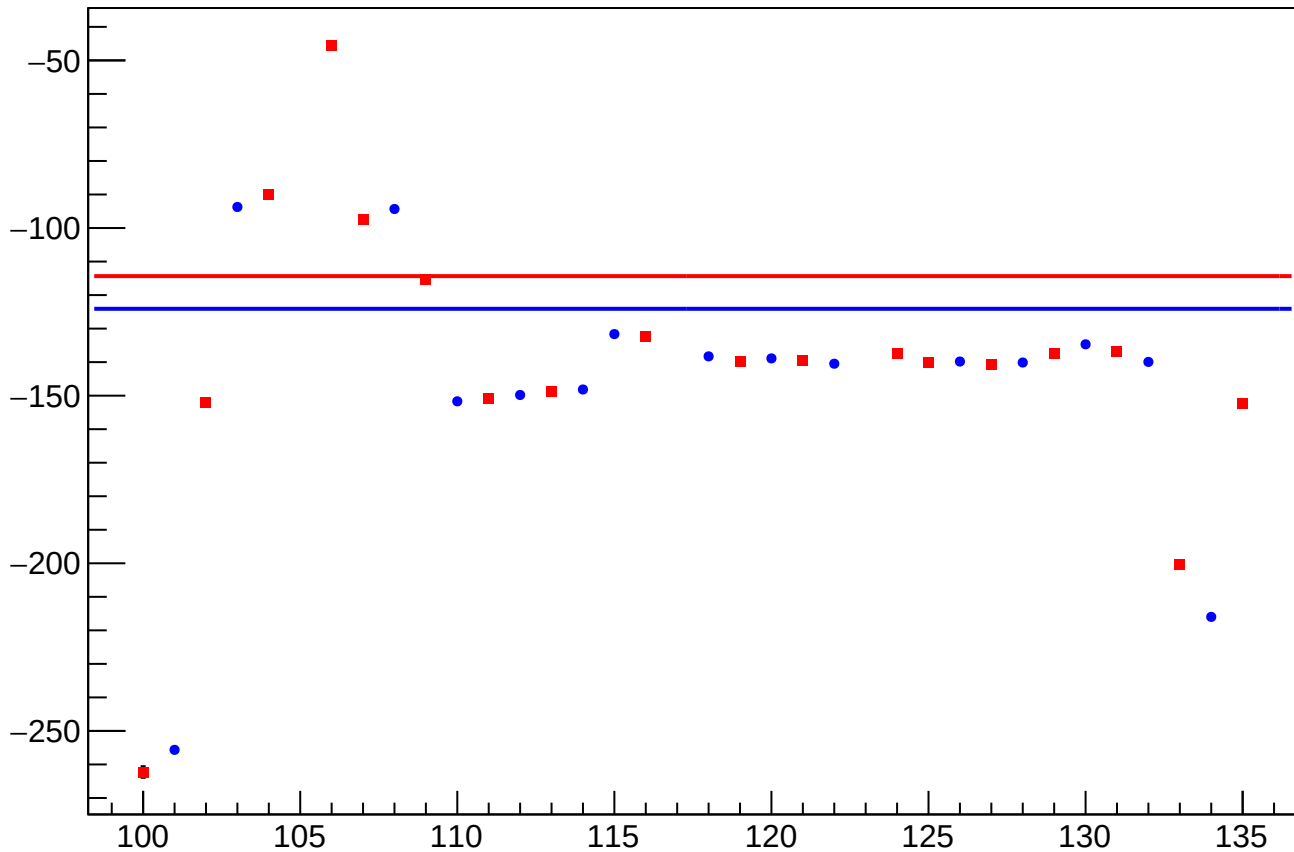
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 49.958+/-1.204 χ^2/NDF : 551.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_avg_diff_bpm12X_slope vs Slug



Right In: -124.090 $\pm$ 0.102 χ^2 /NDF: 156775.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -114.345 $\pm$ 0.087 χ^2 /NDF: 197948.1/17

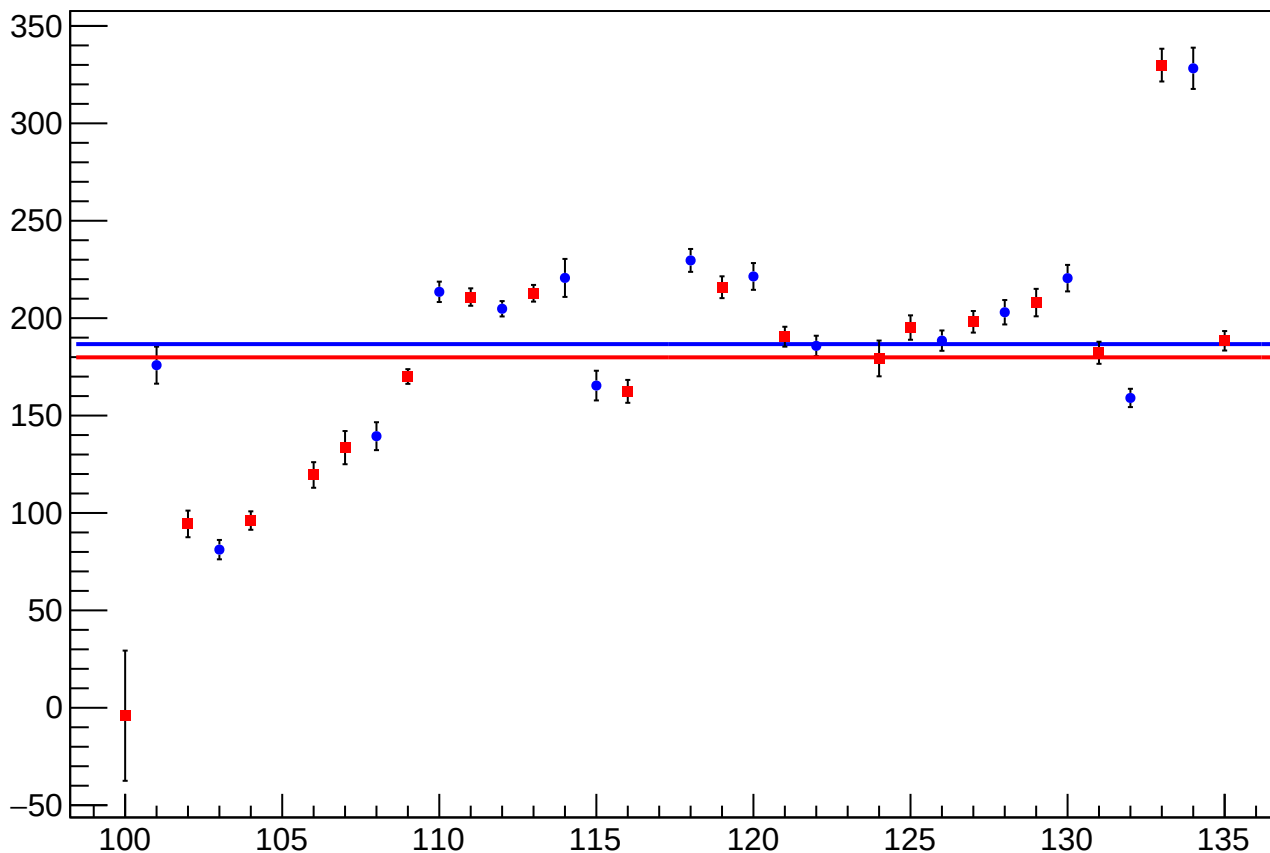
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -118.457 $\pm$ 0.066 χ^2 /NDF: 359970.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm1X_slope vs Slug



Right In: 186.676 $\pm$ 1.535 χ^2 /NDF: 886.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 179.889 $\pm$ 1.345 χ^2 /NDF: 1136.3/17

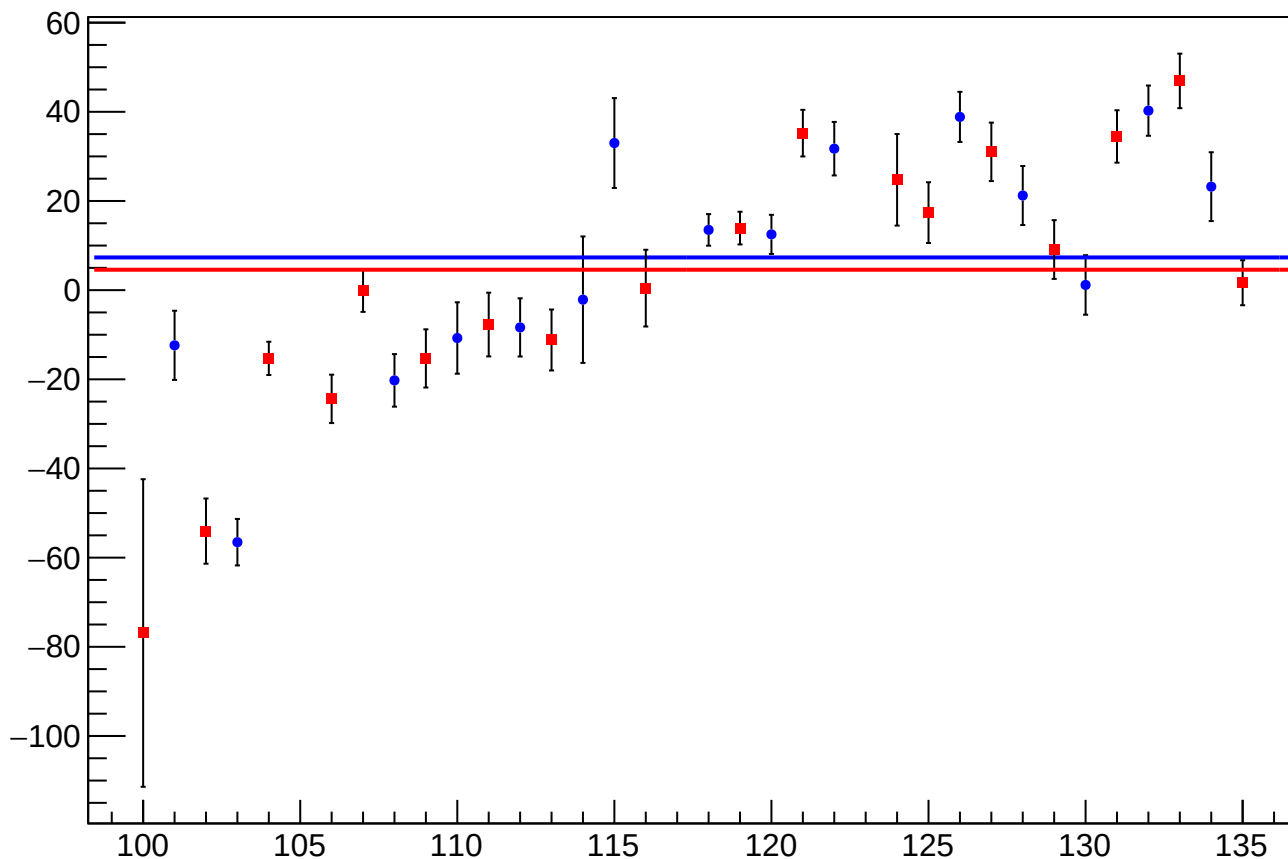
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 182.836 $\pm$ 1.011 χ^2 /NDF: 2033.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4aY_slope vs Slug



Right In: 7.337 $\pm$ 1.542 χ^2 /NDF: 292.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.579 $\pm$ 1.373 χ^2 /NDF: 284.6/17

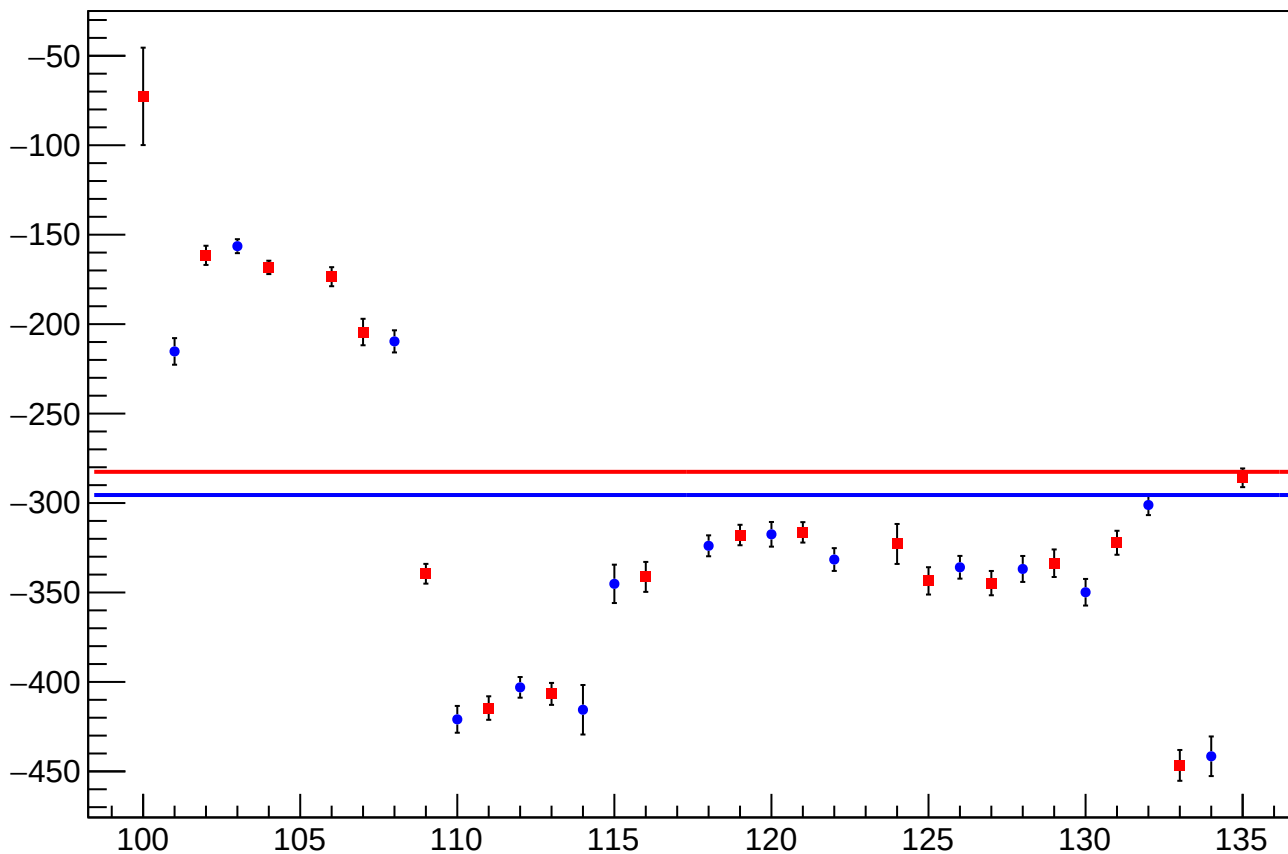
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 5.799 $\pm$ 1.025 χ^2 /NDF: 578.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr_dd_diff_bpm4eX_slope vs Slug



Right In: -295.520+/-1.696 χ^2/NDF : 2669.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -282.559+/-1.482 χ^2/NDF : 3680.6/17

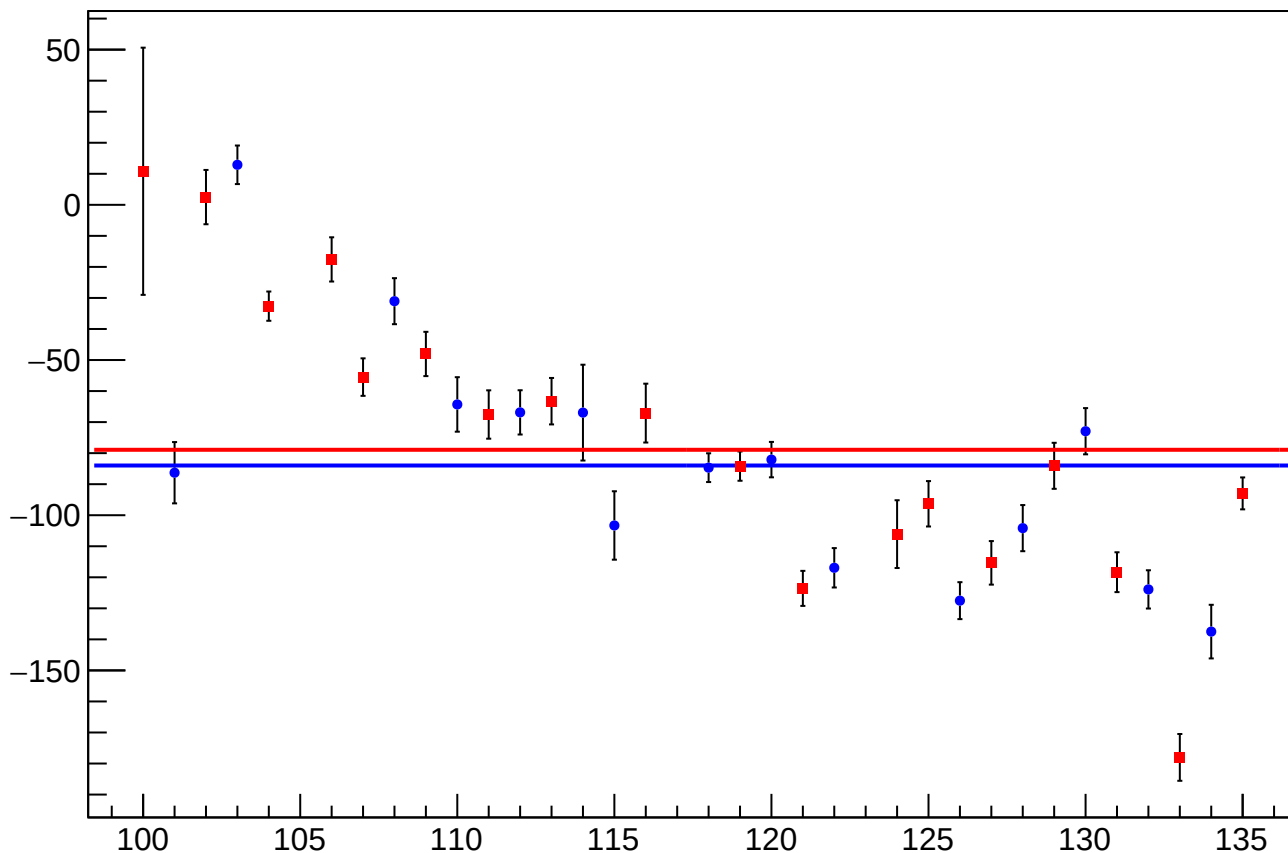
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -288.170+/-1.116 χ^2/NDF : 6382.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr_dd_diff_bpm4eY_slope vs Slug



Right In: -83.986 ± 1.809 $\chi^2/\text{NDF}: 479.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -78.921 ± 1.596 $\chi^2/\text{NDF}: 625.2/17$

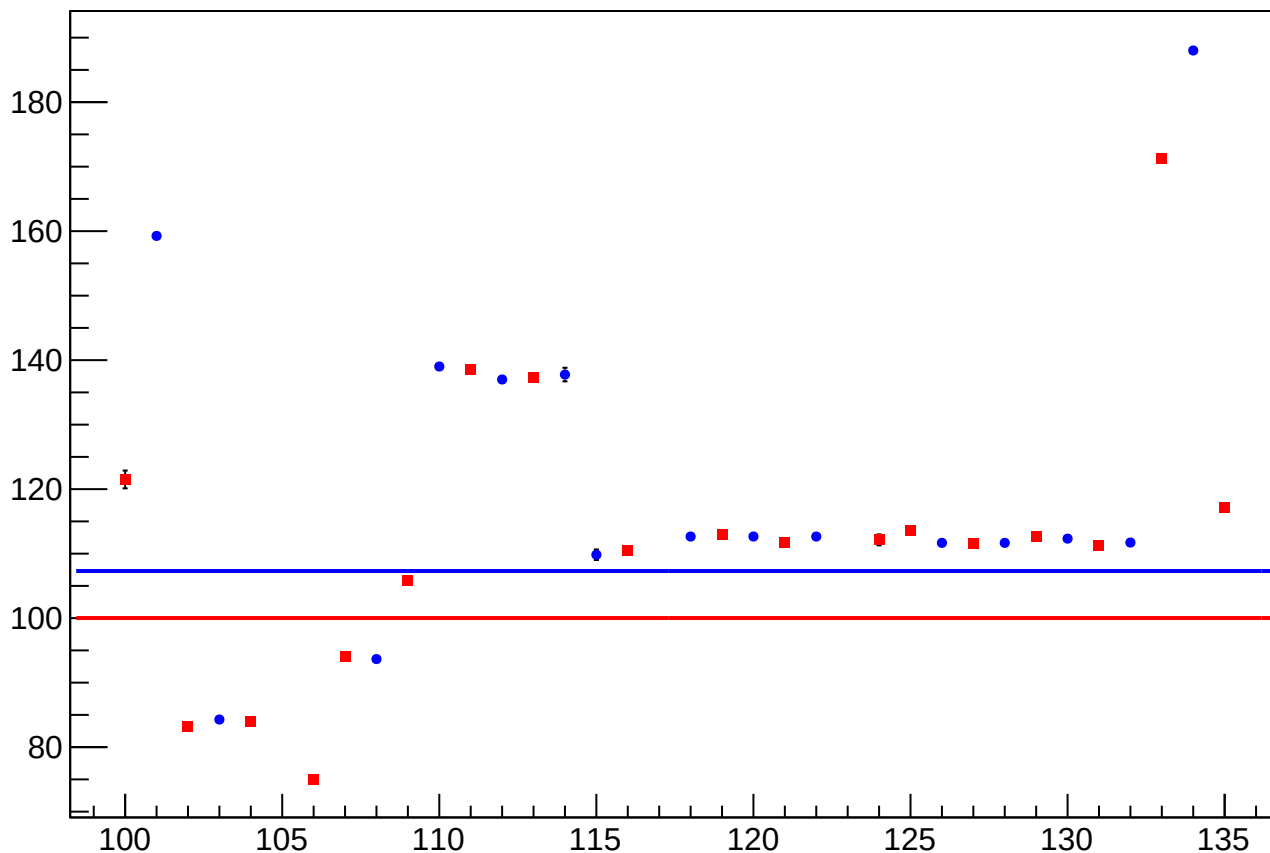
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -81.138 ± 1.197 $\chi^2/\text{NDF}: 1109.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr_dd_diff_bpm12X_slope vs Slug



Right In: 107.307+/-0.100 χ^2/NDF : 79295.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 100.017+/-0.083 χ^2/NDF : 59566.3/17

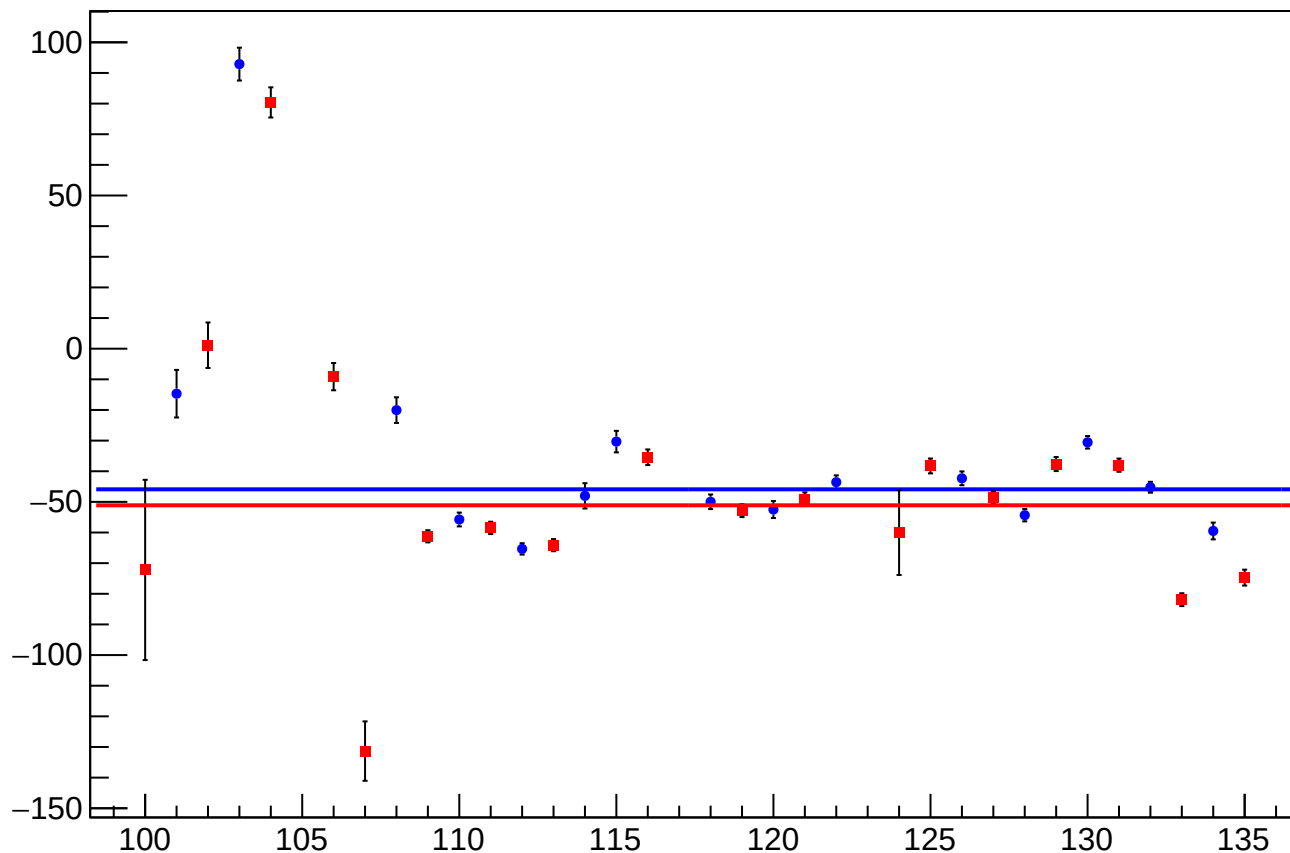
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 102.995+/-0.064 χ^2/NDF : 142002.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm1X_slope vs Slug



Right In: -45.901 ± 0.649 $\chi^2/\text{NDF}: 983.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -51.116 ± 0.613 $\chi^2/\text{NDF}: 1442.1/17$

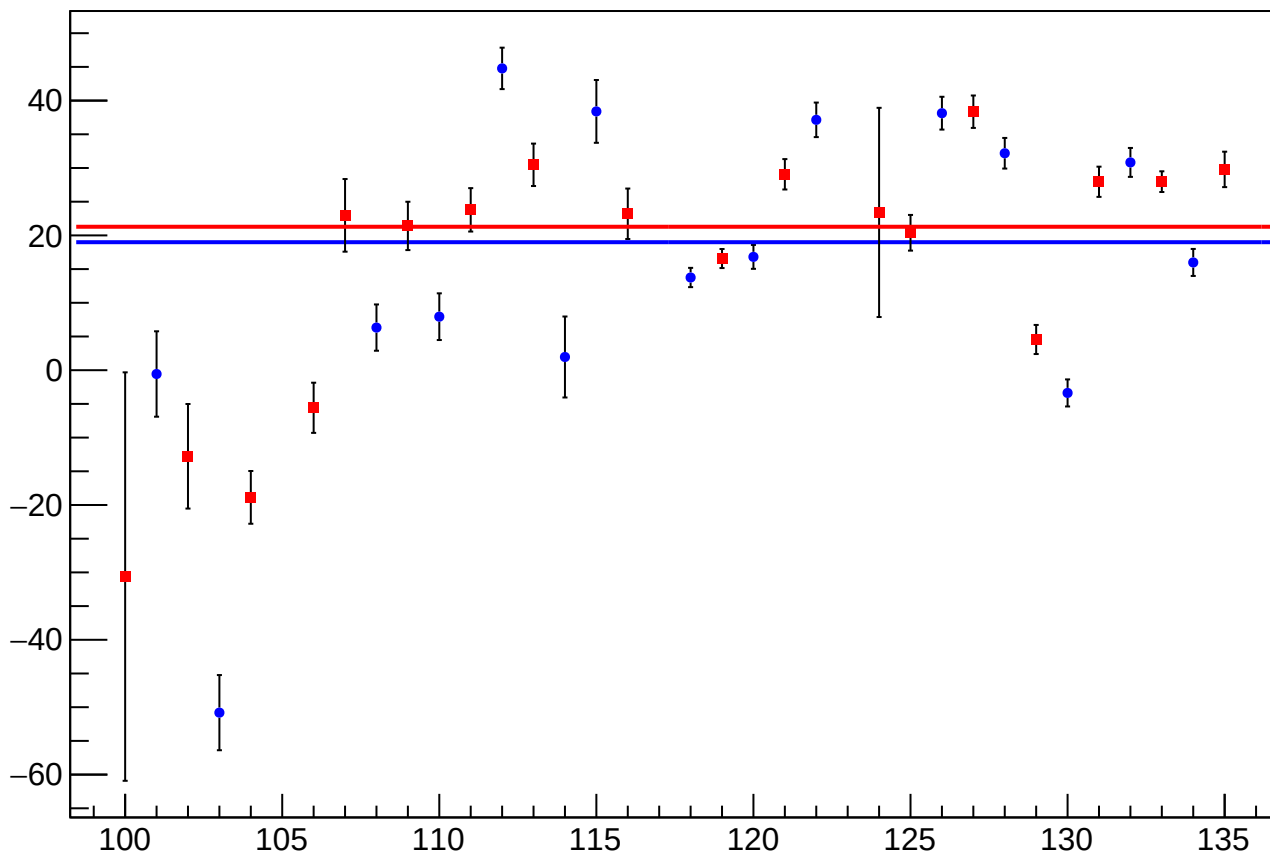
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -48.658 ± 0.445 $\chi^2/\text{NDF}: 2459.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_avg_diff_bpm4aY_slope vs Slug



Right In: 18.991 $\pm$ 0.640 χ^2 /NDF: 603.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 21.283 $\pm$ 0.628 χ^2 /NDF: 360.9/17

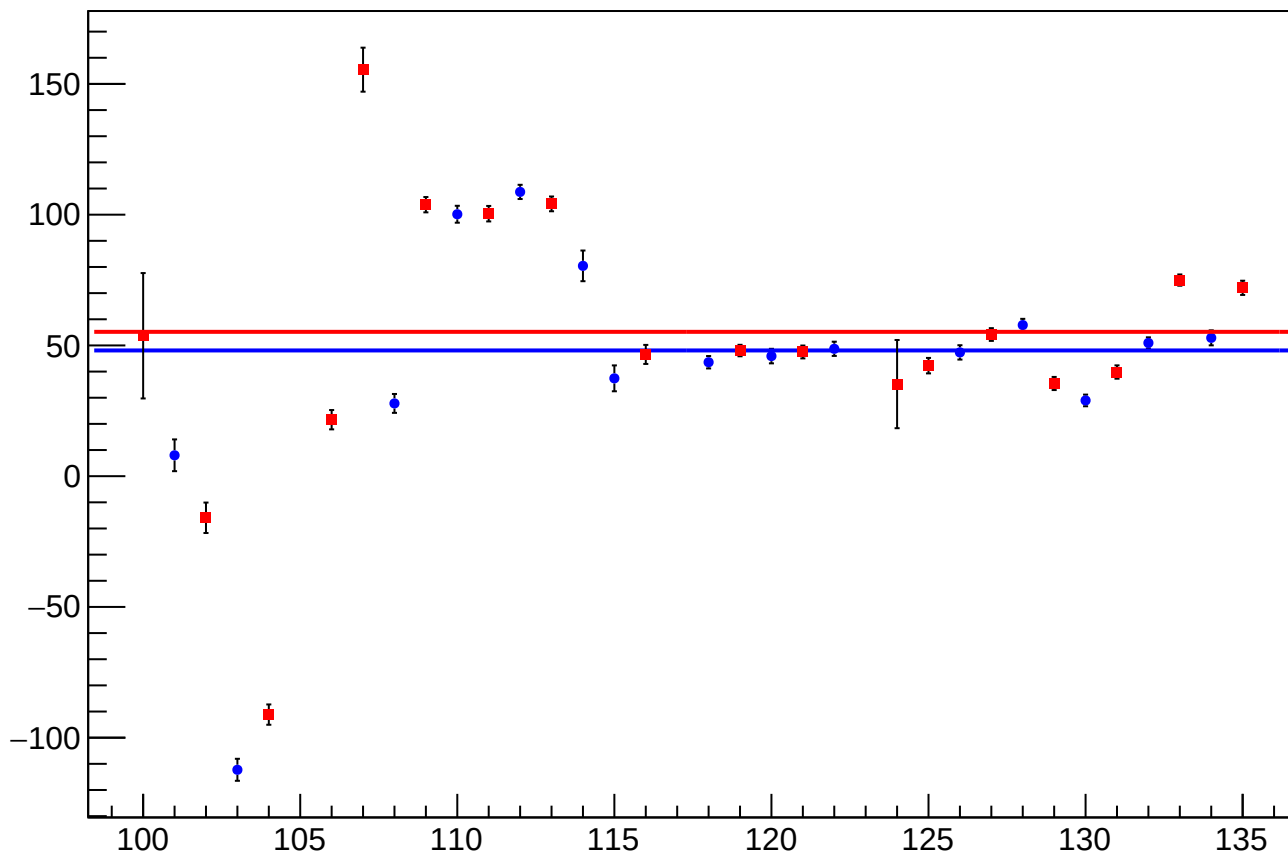
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 20.159 $\pm$ 0.448 χ^2 /NDF: 970.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eX_slope vs Slug



Right In: 48.082 $\pm$ 0.755 χ^2 /NDF: 2418.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 55.198 $\pm$ 0.718 χ^2 /NDF: 2869.5/17

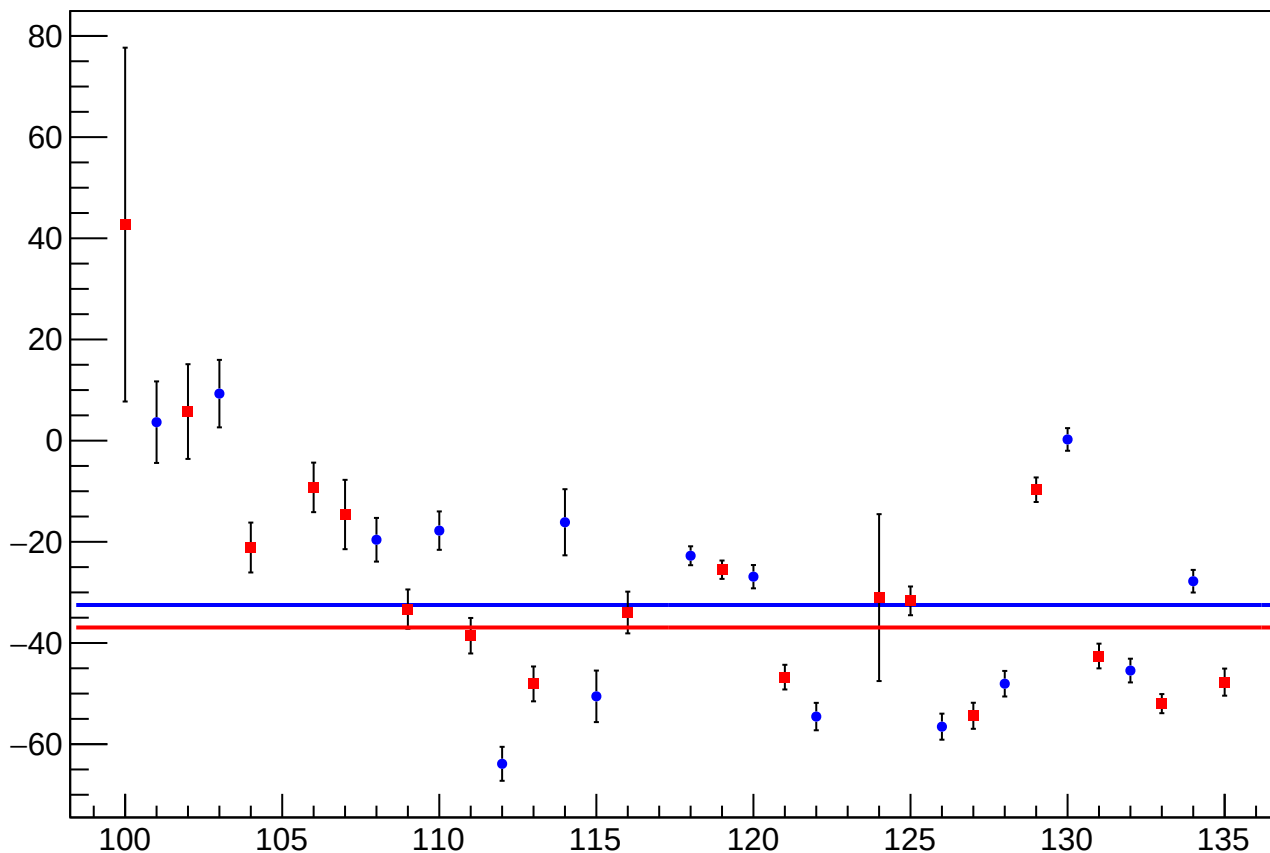
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 51.819 $\pm$ 0.520 χ^2 /NDF: 5334.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_diff_bpm4eY_slope vs Slug



Right In: -32.487 ± 0.743 χ^2/NDF : 662.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -36.933 ± 0.723 χ^2/NDF : 407.2/17

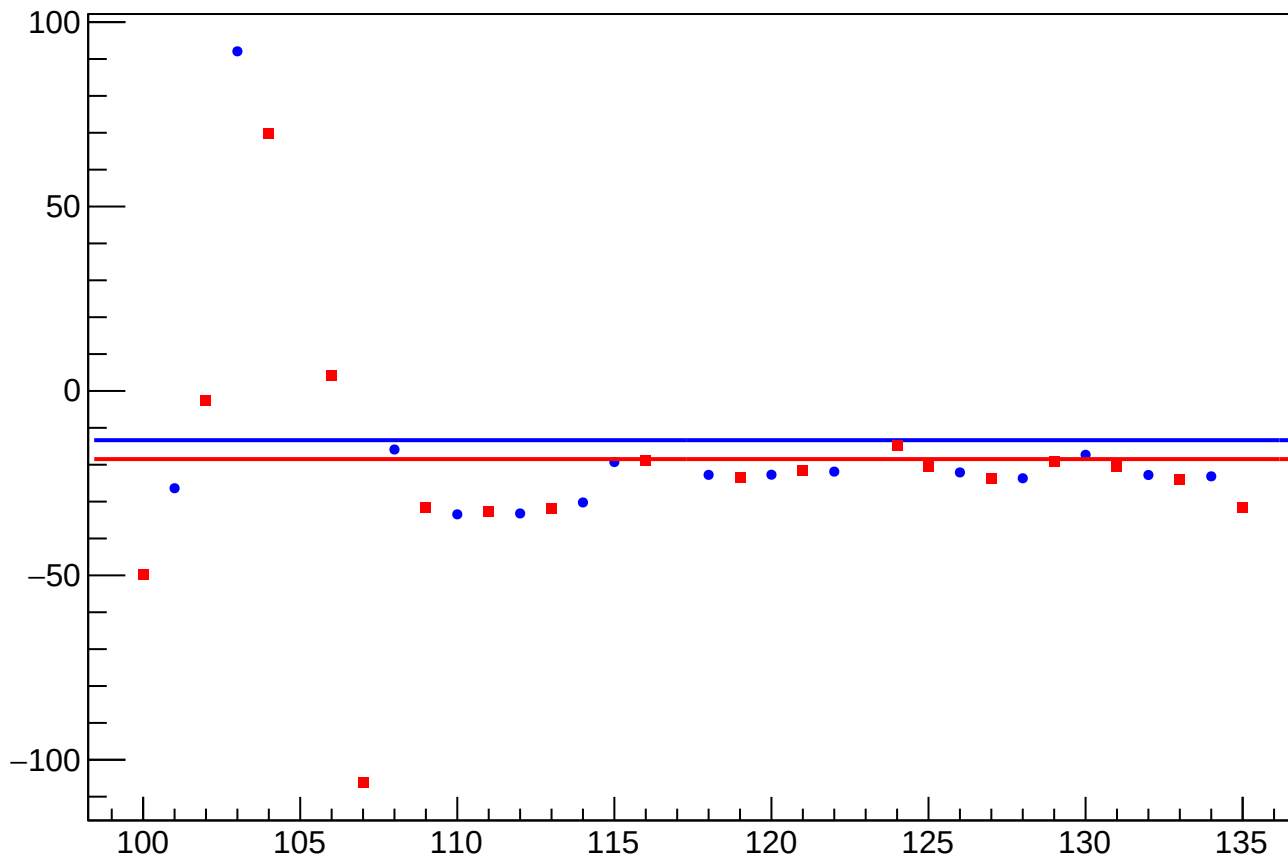
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -34.772 ± 0.518 χ^2/NDF : 1088.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_diff_bpm12X_slope vs Slug



Right In: -13.348 ± 0.050 $\chi^2/\text{NDF}: 395713.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -18.477 ± 0.048 $\chi^2/\text{NDF}: 339394.3/17$

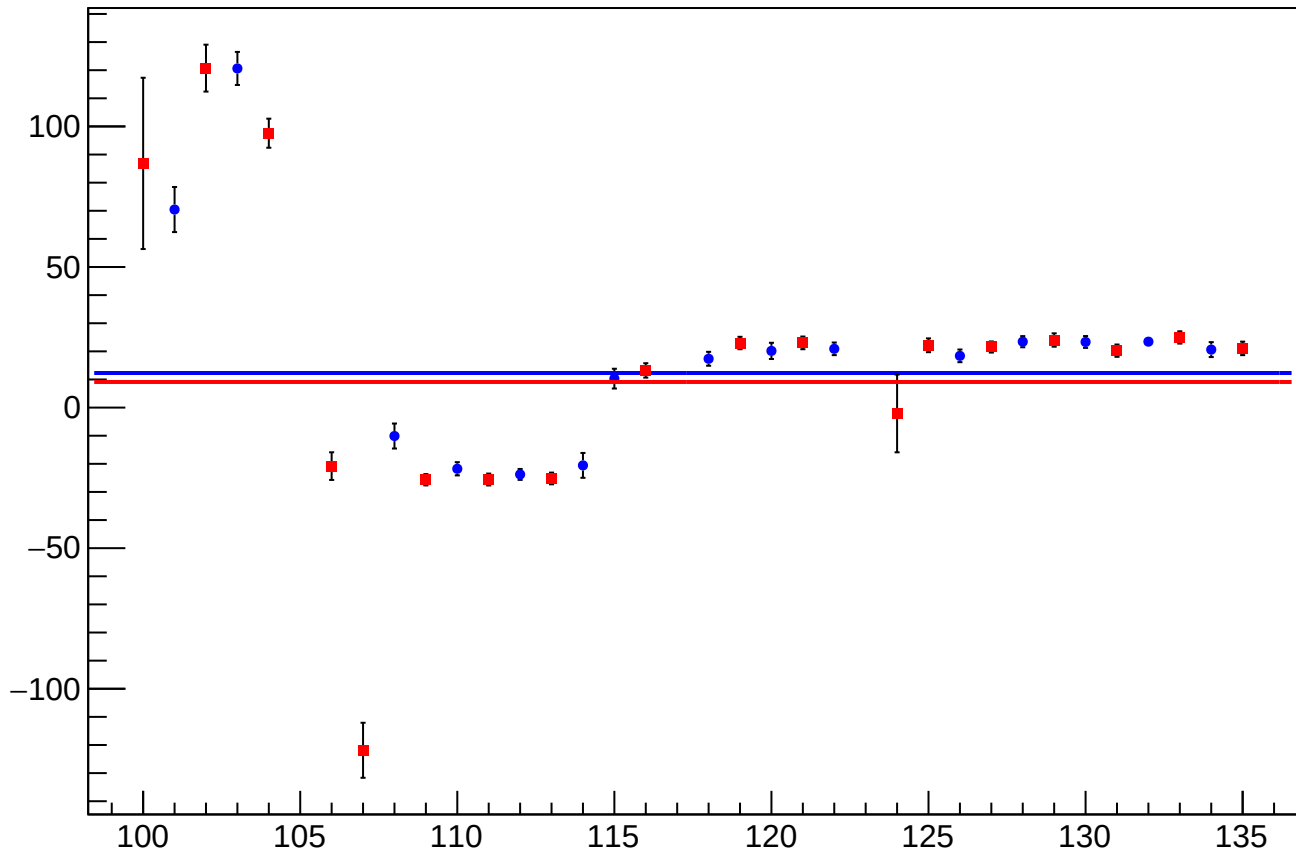
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -16.057 ± 0.035 $\chi^2/\text{NDF}: 740609.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_diff_bpm1X_slope vs Slug



Right In: 12.304 $\pm$ 0.662 χ^2 /NDF: 1167.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 9.112 $\pm$ 0.625 χ^2 /NDF: 1827.3/17

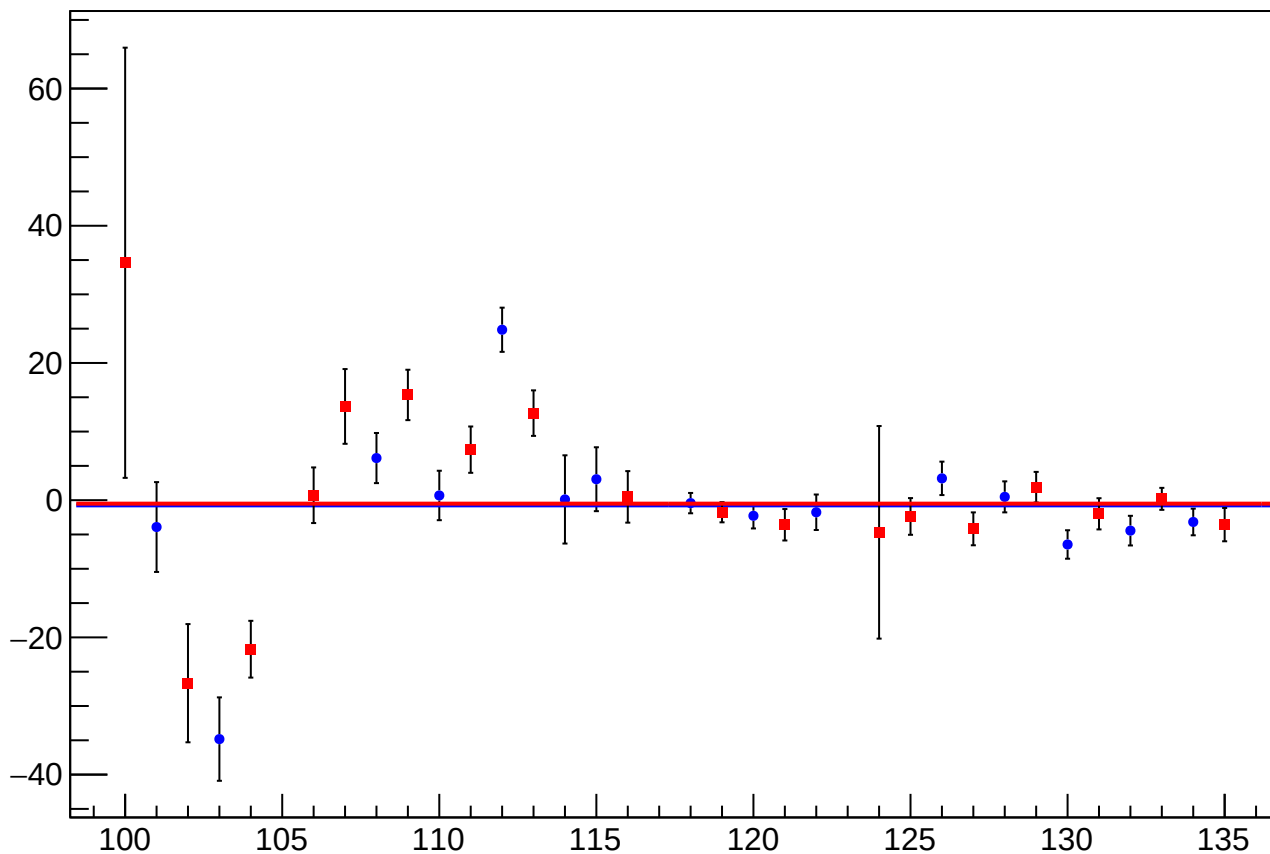
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 10.617 $\pm$ 0.454 χ^2 /NDF: 3007.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm4aY_slope vs Slug



Right In: -0.755 ± 0.653 χ^2/NDF : 115.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.507 ± 0.643 χ^2/NDF : 92.4/17

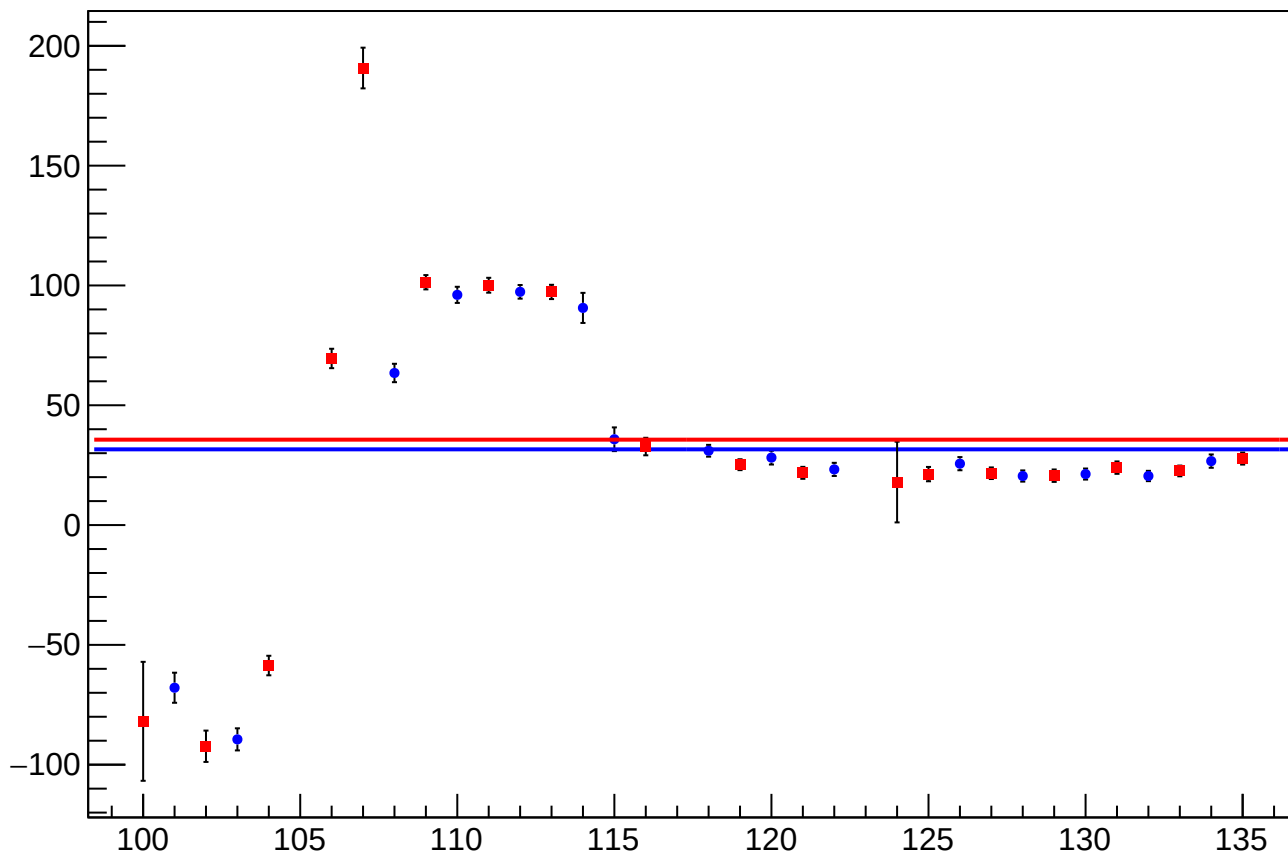
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.629 ± 0.458 χ^2/NDF : 207.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eX_slope vs Slug



Right In: 31.600+/-0.771 χ^2/NDF : 2085.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 35.645+/-0.733 χ^2/NDF : 2894.3/17

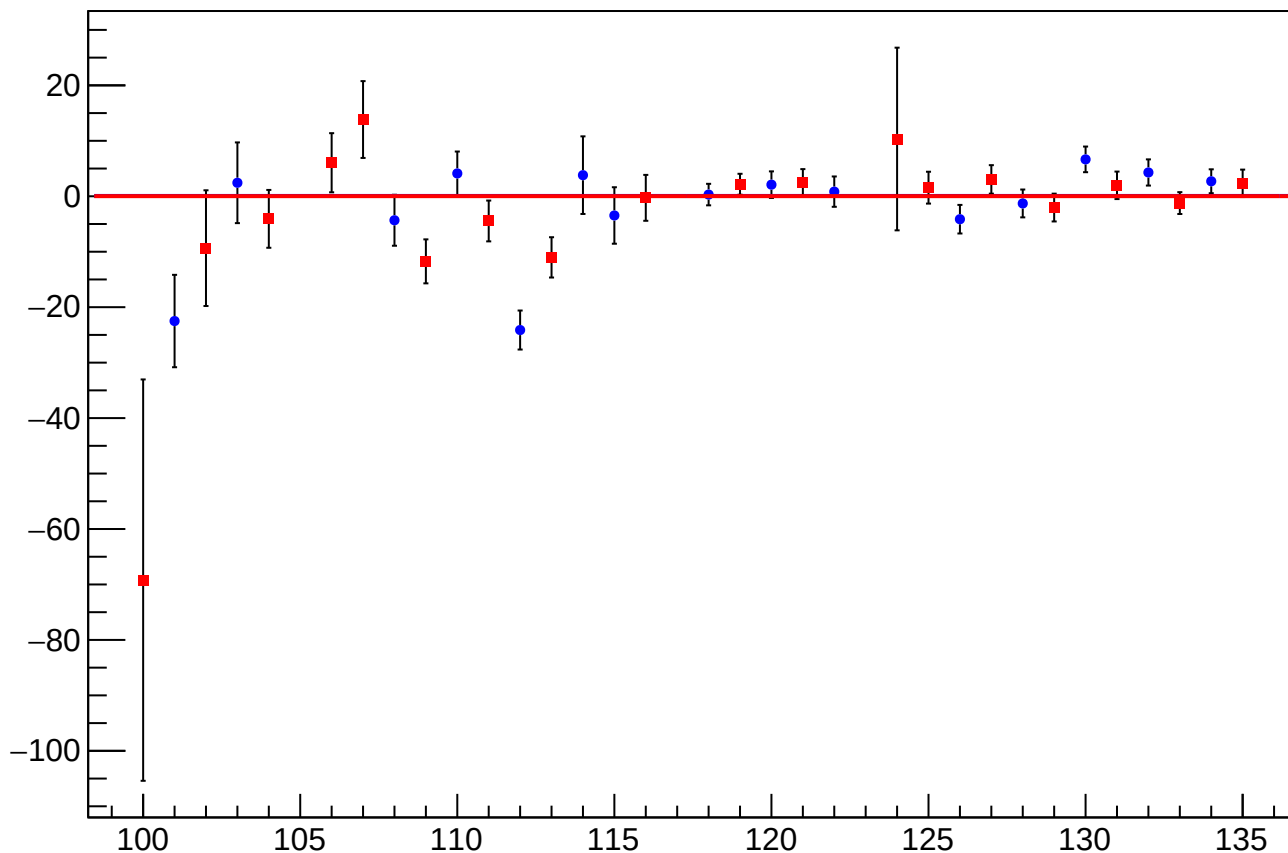
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 33.723+/-0.531 χ^2/NDF : 4993.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_diff_bpm4eY_slope vs Slug



Right In: 0.058 $\pm$ 0.756 χ^2 /NDF: 74.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.021 $\pm$ 0.738 χ^2 /NDF: 36.7/17

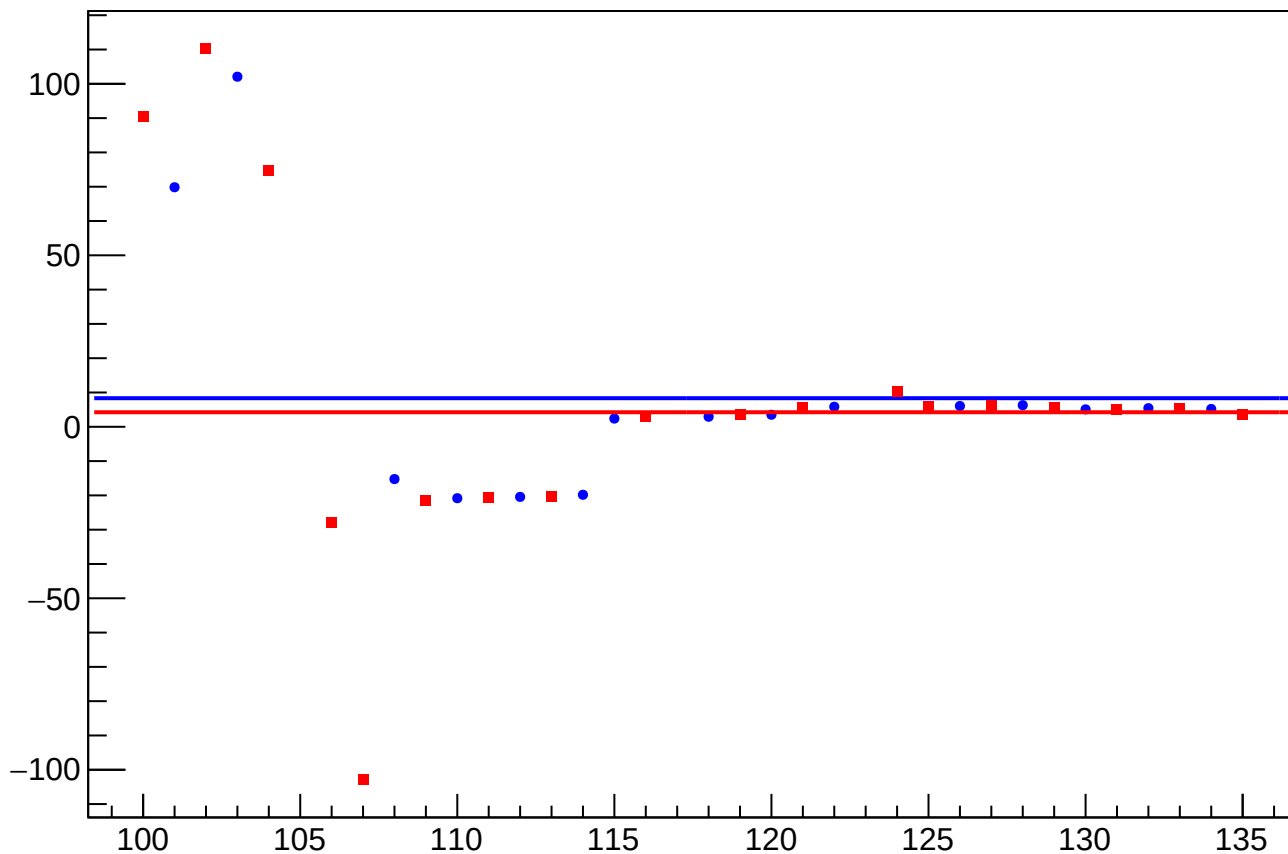
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.039 $\pm$ 0.528 χ^2 /NDF: 110.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_dd_diff_bpm12X_slope vs Slug



Right In: 8.338 $\pm$ 0.051 χ^2 /NDF: 318038.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 4.243 $\pm$ 0.048 χ^2 /NDF: 434530.0/17

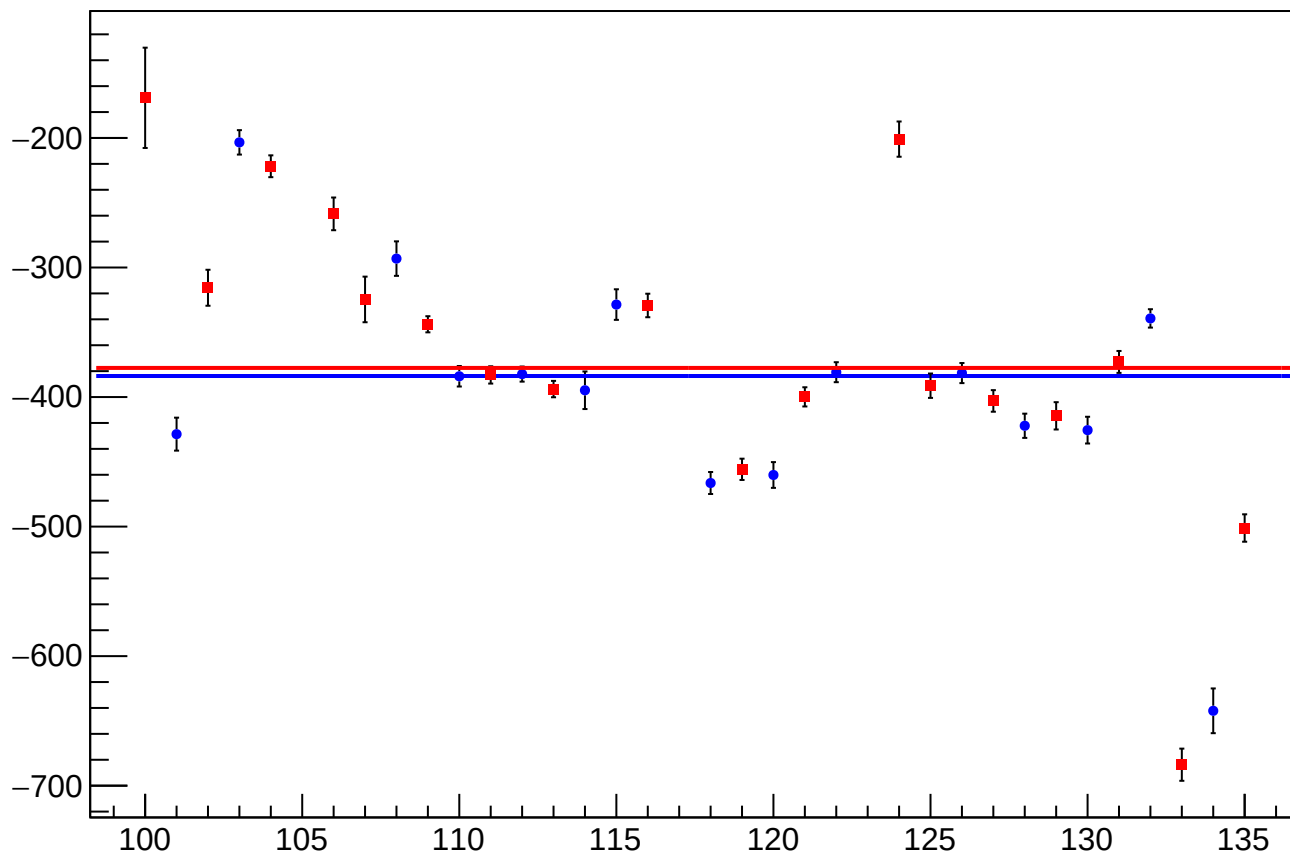
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.168 $\pm$ 0.035 χ^2 /NDF: 755976.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm1X_slope vs Slug



Right In: -383.755 ± 2.345 χ^2/NDF : 897.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -377.514 ± 2.145 χ^2/NDF : 1590.3/17

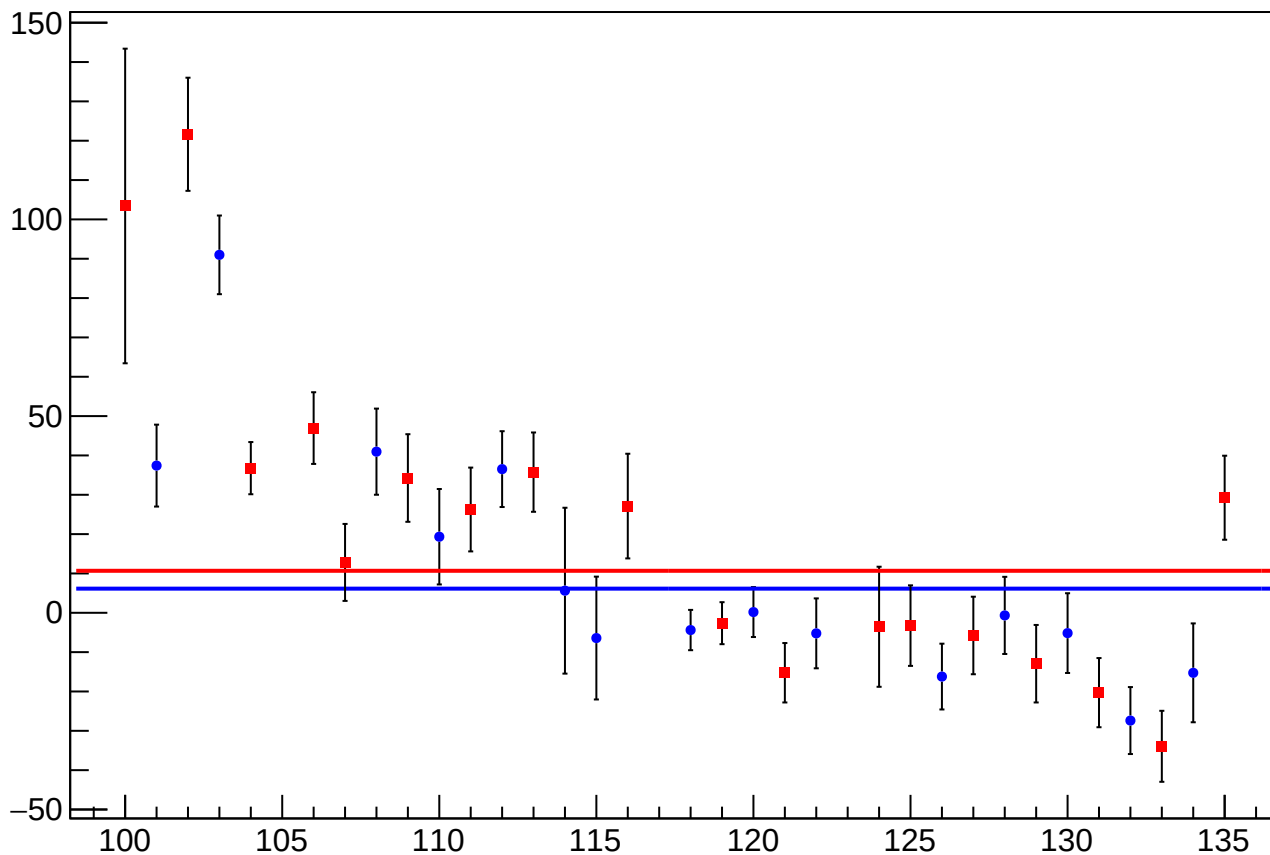
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -380.357 ± 1.583 χ^2/NDF : 2491.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4aY_slope vs Slug



Right In: 6.141+/-2.346 χ^2/NDF : 137.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.677+/-2.213 χ^2/NDF : 179.8/17

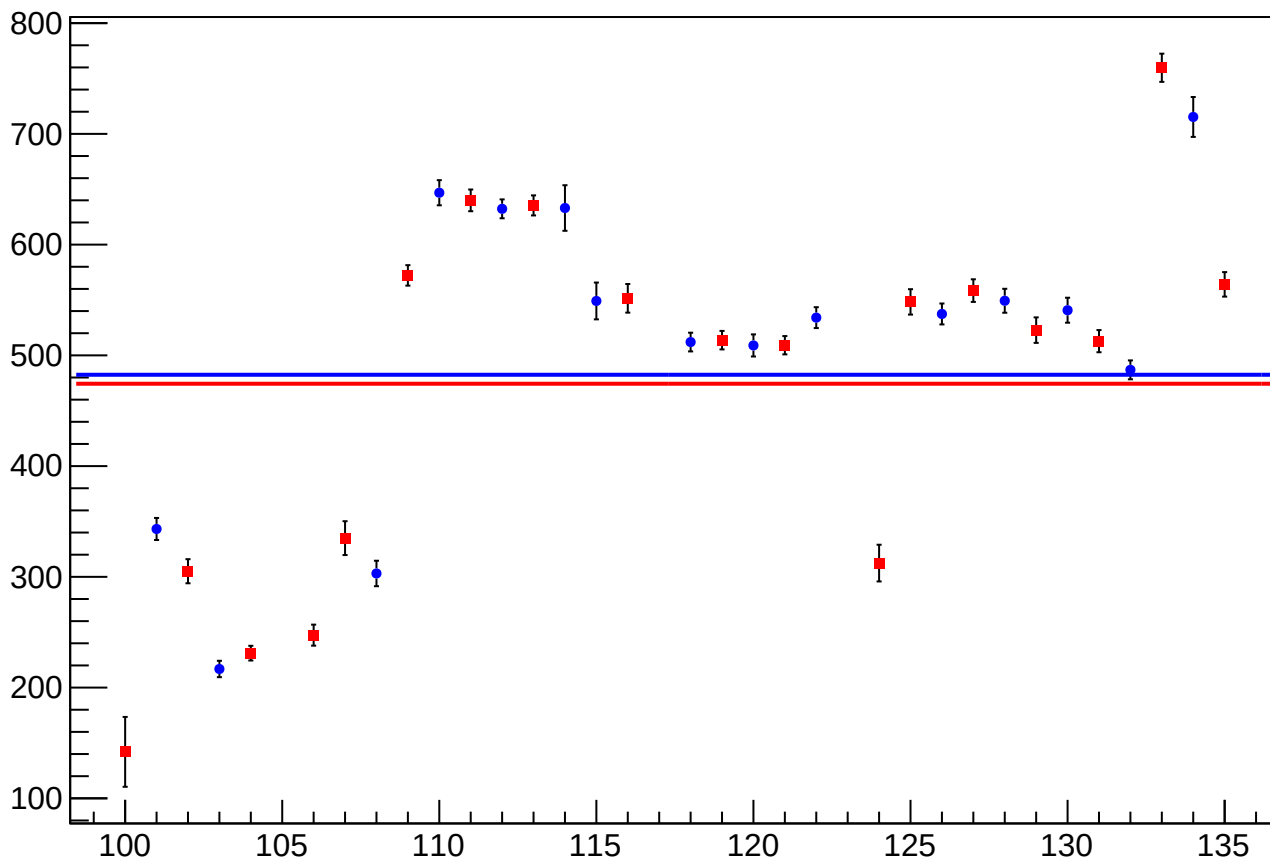
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.541+/-1.610 χ^2/NDF : 318.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_avg_diff_bpm4eX_slope vs Slug



Right In: 482.484 $\pm$ 2.643 χ^2 /NDF: 2631.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 474.380 $\pm$ 2.429 χ^2 /NDF: 3943.7/17

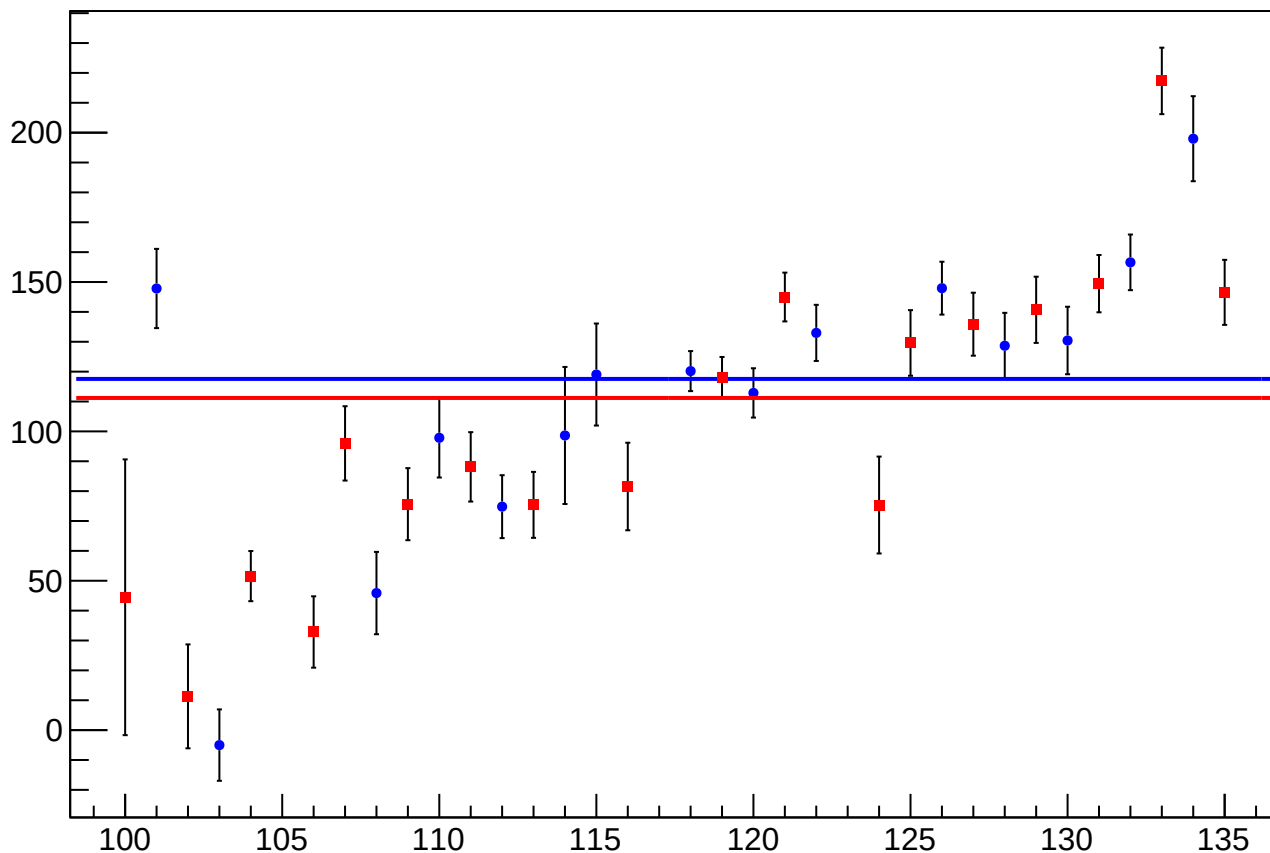
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 478.090 $\pm$ 1.789 χ^2 /NDF: 6580.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm4eY_slope vs Slug



Right In: 117.562 $\pm$ 2.757 χ^2 /NDF: 223.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 111.192 $\pm$ 2.570 χ^2 /NDF: 313.1/17

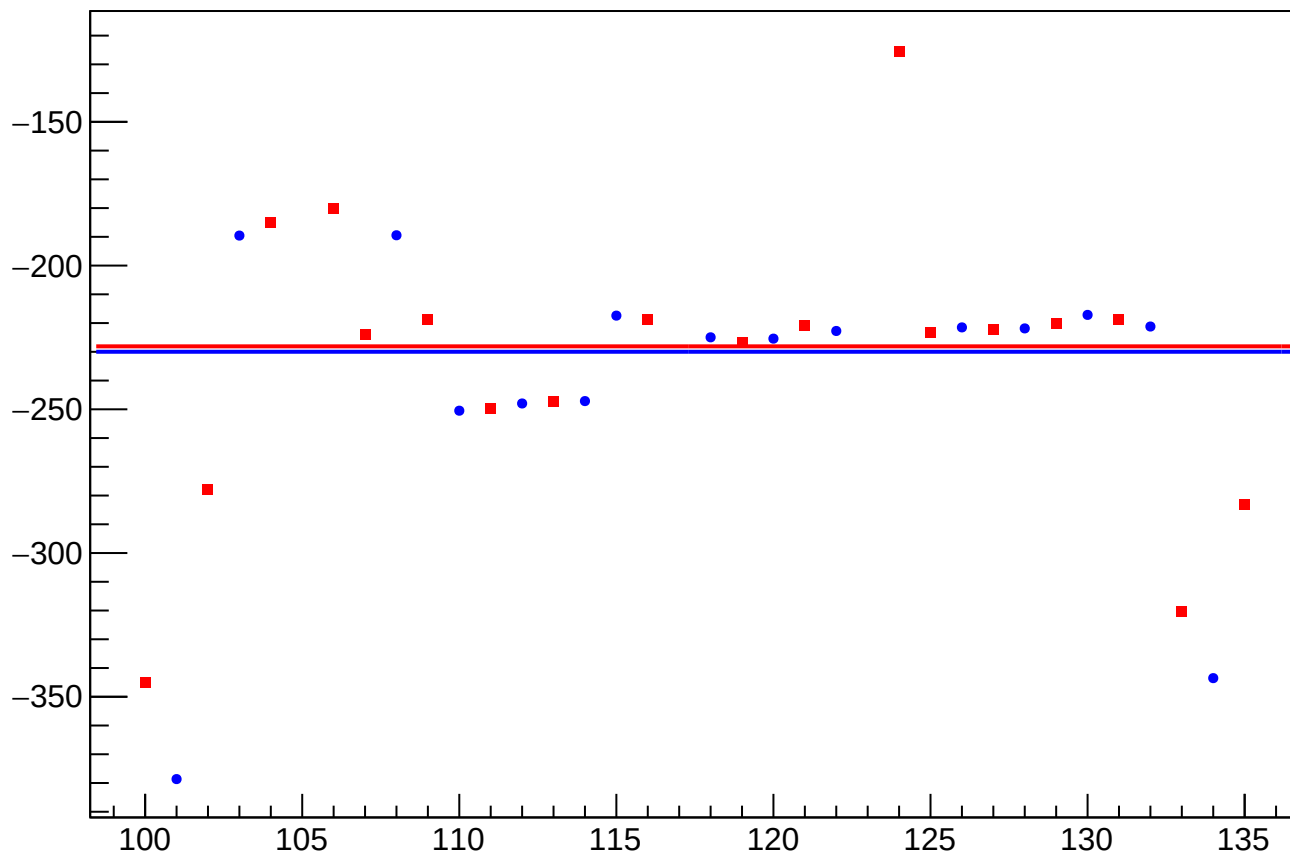
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 114.154 $\pm$ 1.880 χ^2 /NDF: 539.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_avg_diff_bpm12X_slope vs Slug



Right In: -229.978+/-0.167 χ^2/NDF : 112695.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -228.096+/-0.149 χ^2/NDF : 77976.0/17

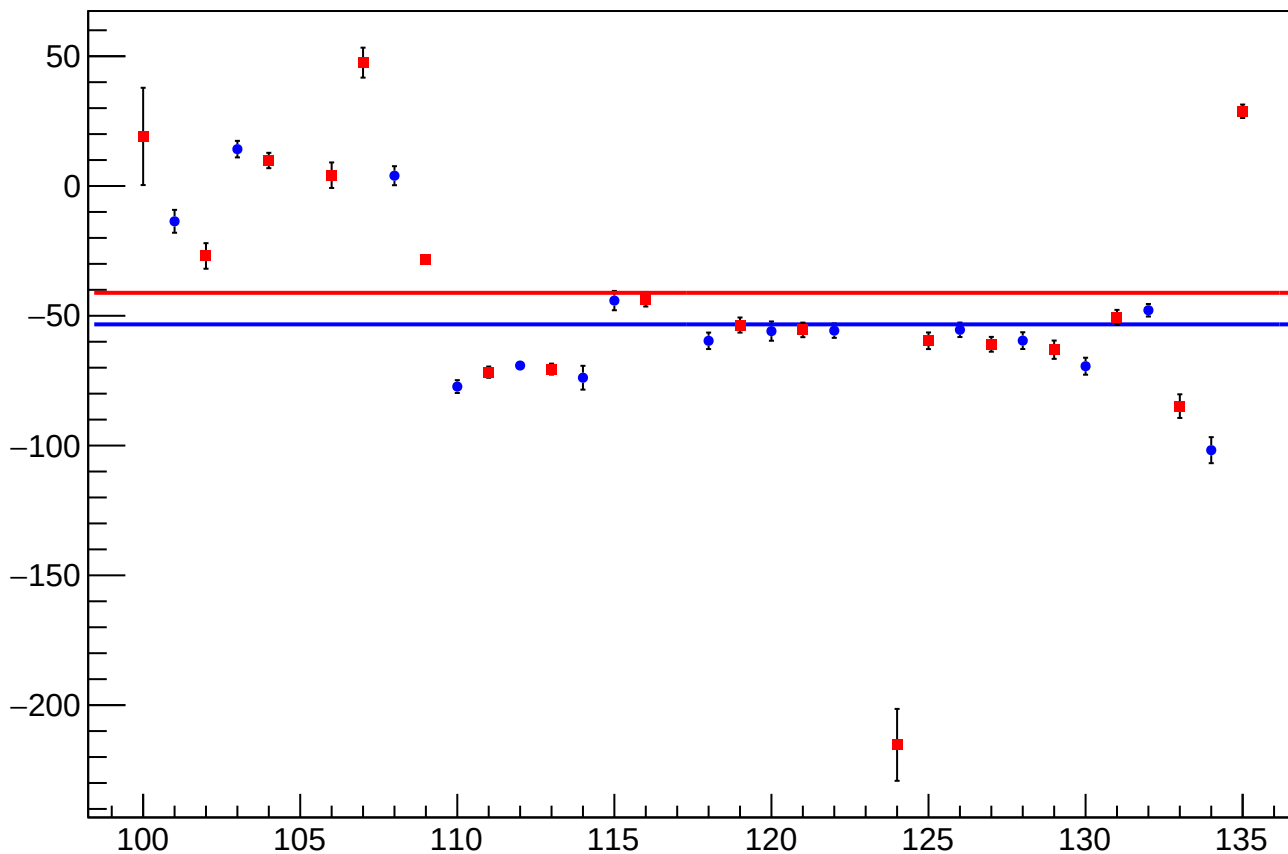
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -228.934+/-0.111 χ^2/NDF : 190742.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm1X_slope vs Slug



Right In: -53.311 ± 0.790 χ^2/NDF : 1091.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -41.154 ± 0.691 χ^2/NDF : 2252.8/17

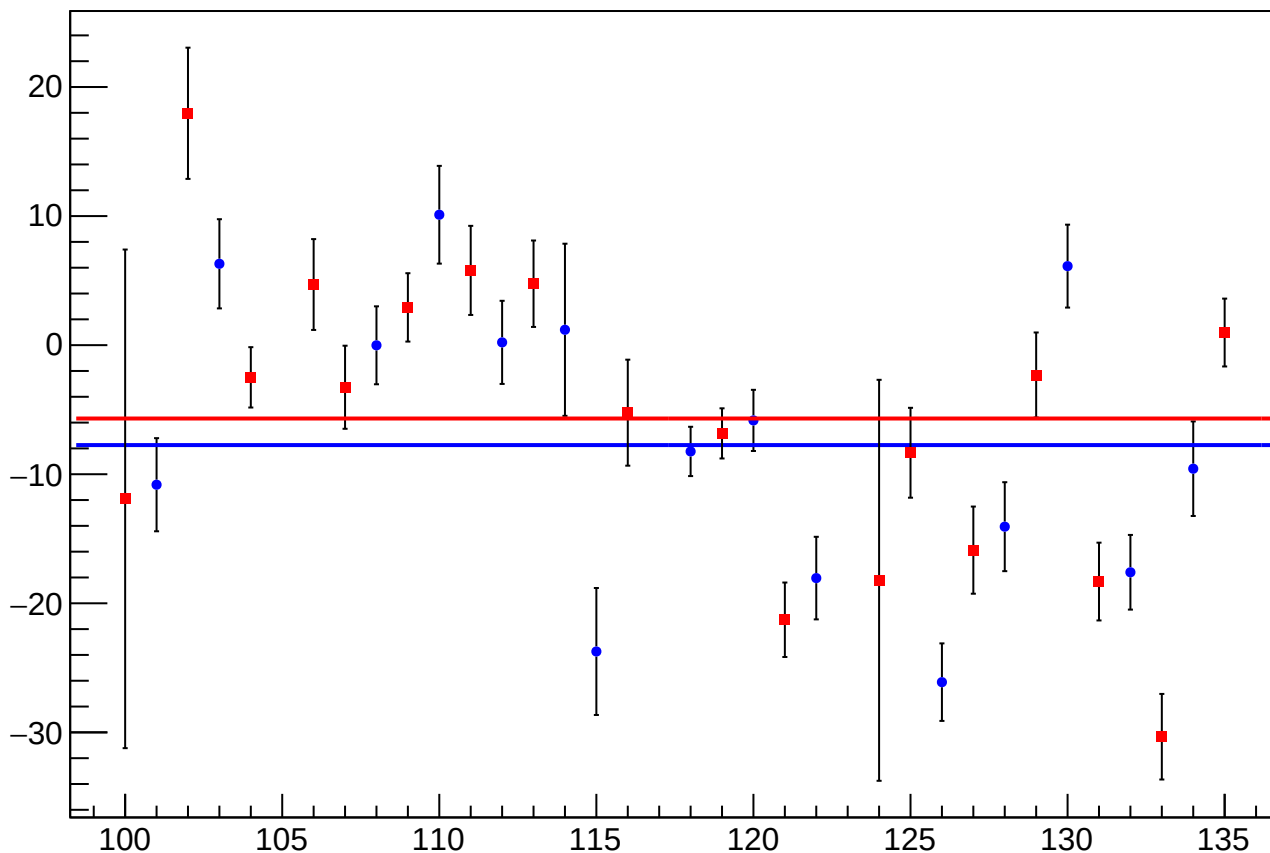
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -46.426 ± 0.520 χ^2/NDF : 3478.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4aY_slope vs Slug



Right In: -7.742+/-0.807 χ^2/NDF : 146.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.684+/-0.751 χ^2/NDF : 184.5/17

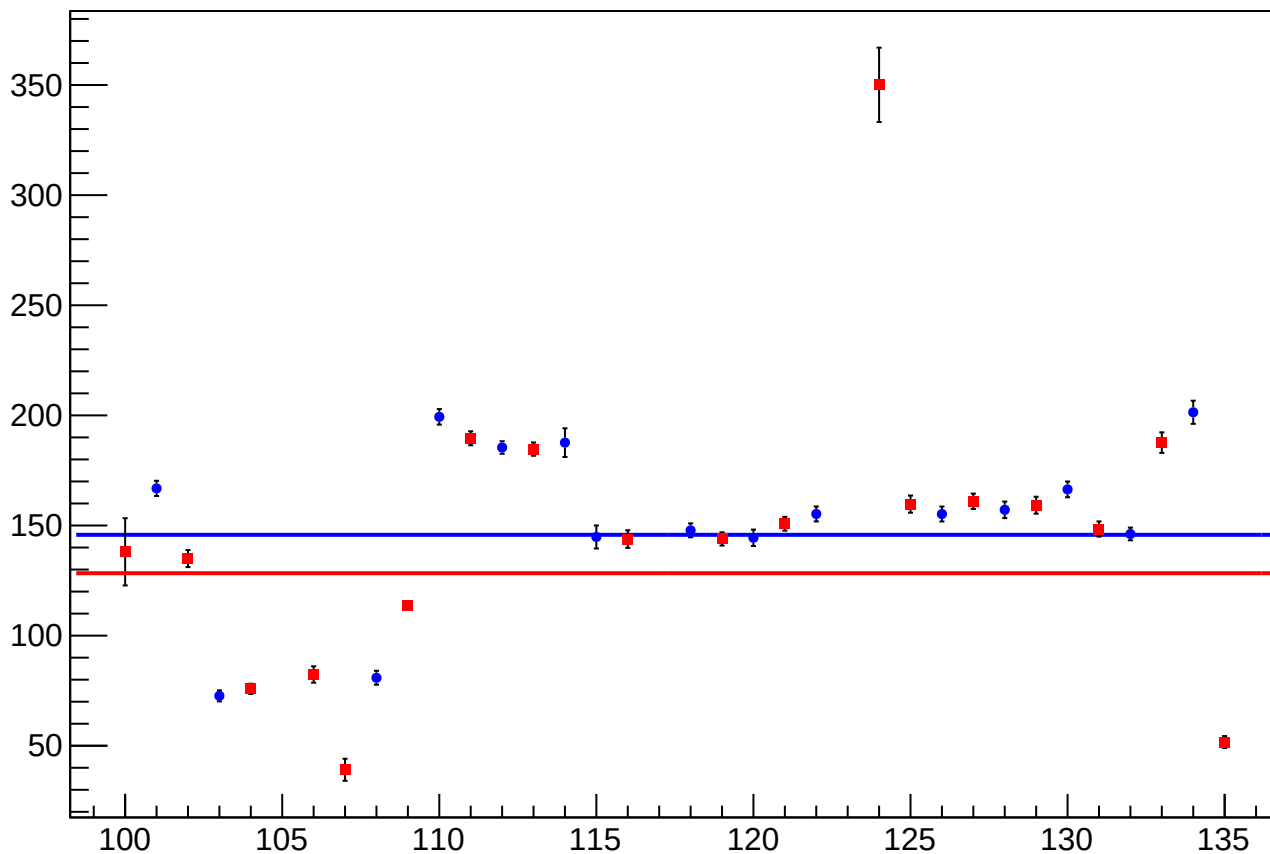
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.639+/-0.550 χ^2/NDF : 334.8/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at2_dd_diff_bpm4eX_slope vs Slug



Right In: 145.777 $\pm$ 0.892 χ^2 /NDF: 1942.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 128.345 $\pm$ 0.808 χ^2 /NDF: 3219.3/17

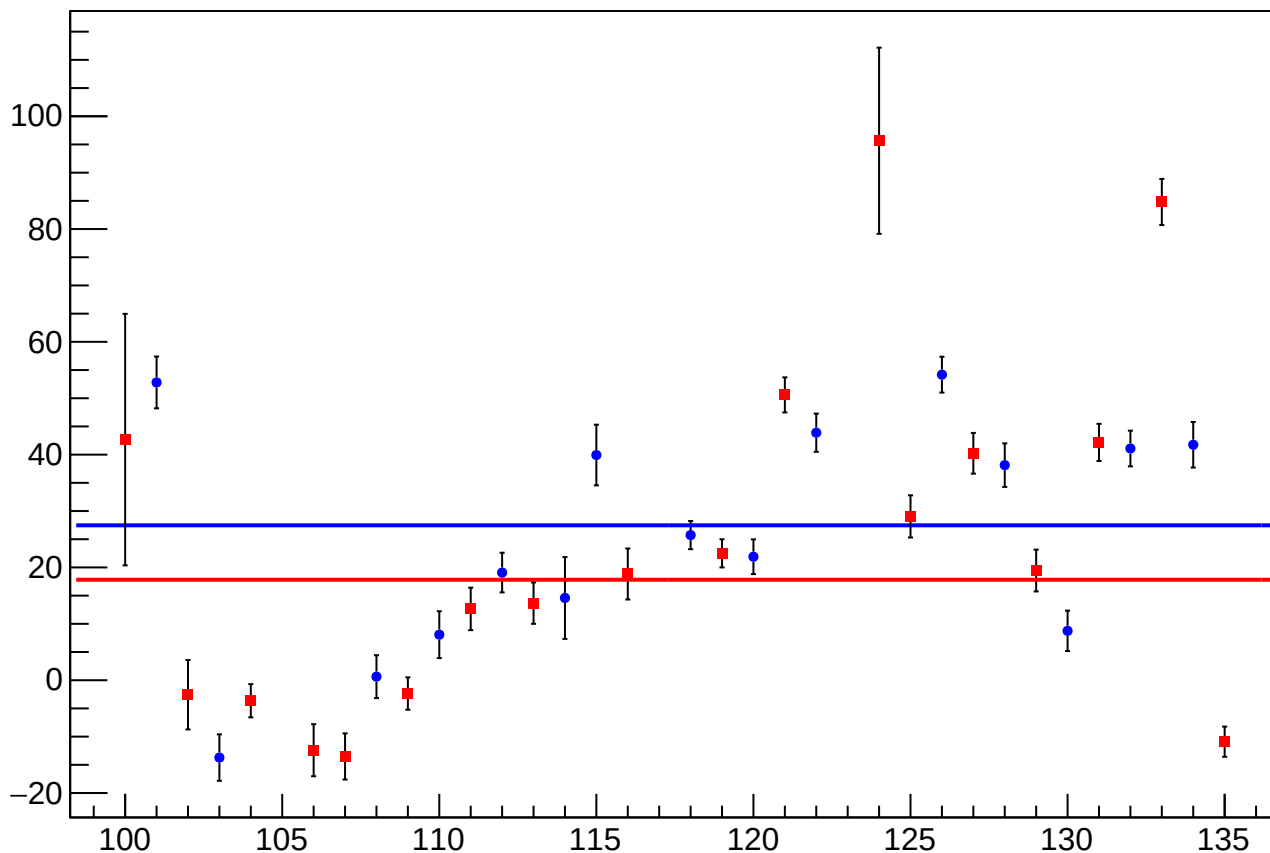
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 136.203 $\pm$ 0.599 χ^2 /NDF: 5371.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm4eY_slope vs Slug



Right In: 27.467 $\pm$ 0.942 χ^2 /NDF: 380.3/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 17.818 $\pm$ 0.862 χ^2 /NDF: 842.3/17

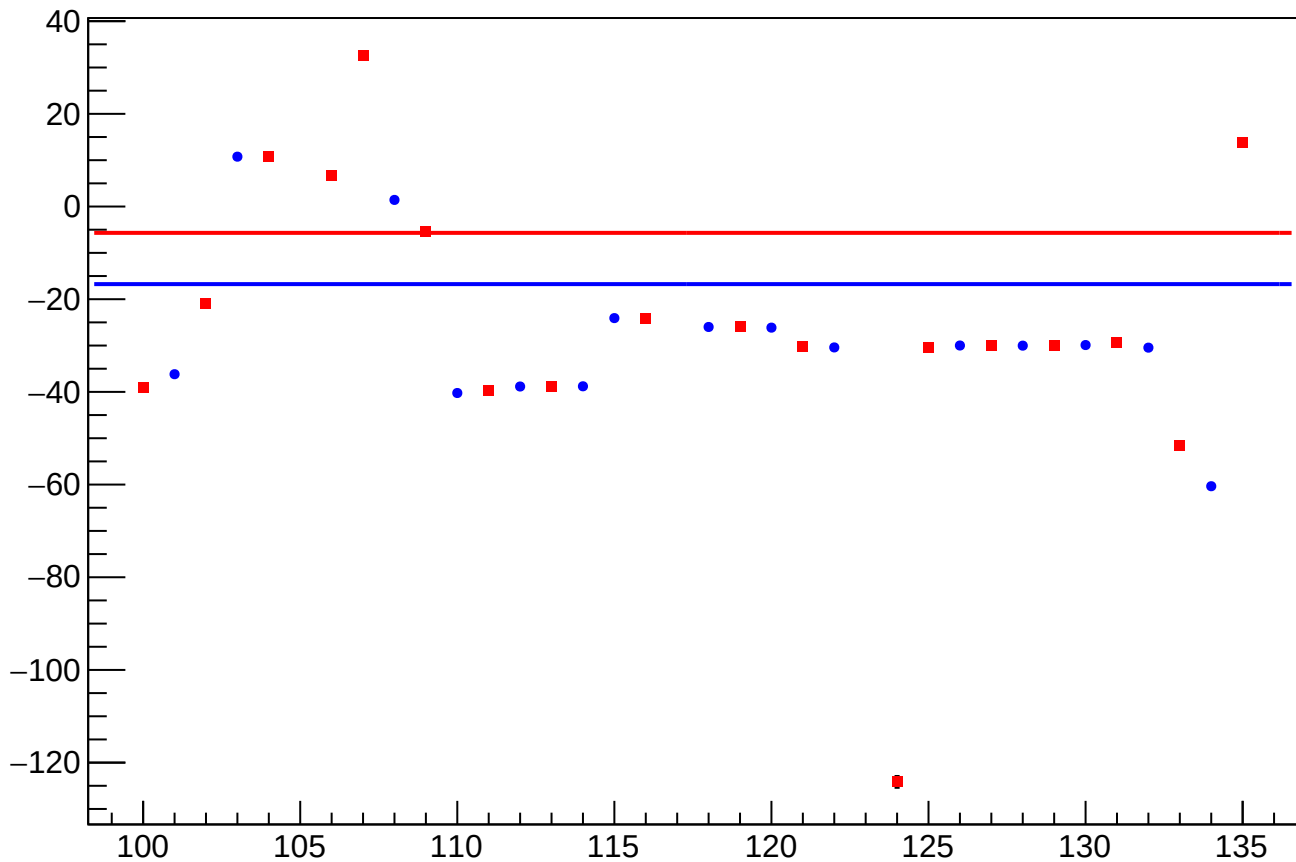
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.213 $\pm$ 0.636 χ^2 /NDF: 1279.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at2_dd_diff_bpm12X_slope vs Slug



Right In: -16.743 ± 0.054 $\chi^2/\text{NDF}: 179236.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -5.682 ± 0.048 $\chi^2/\text{NDF}: 218554.7/17$

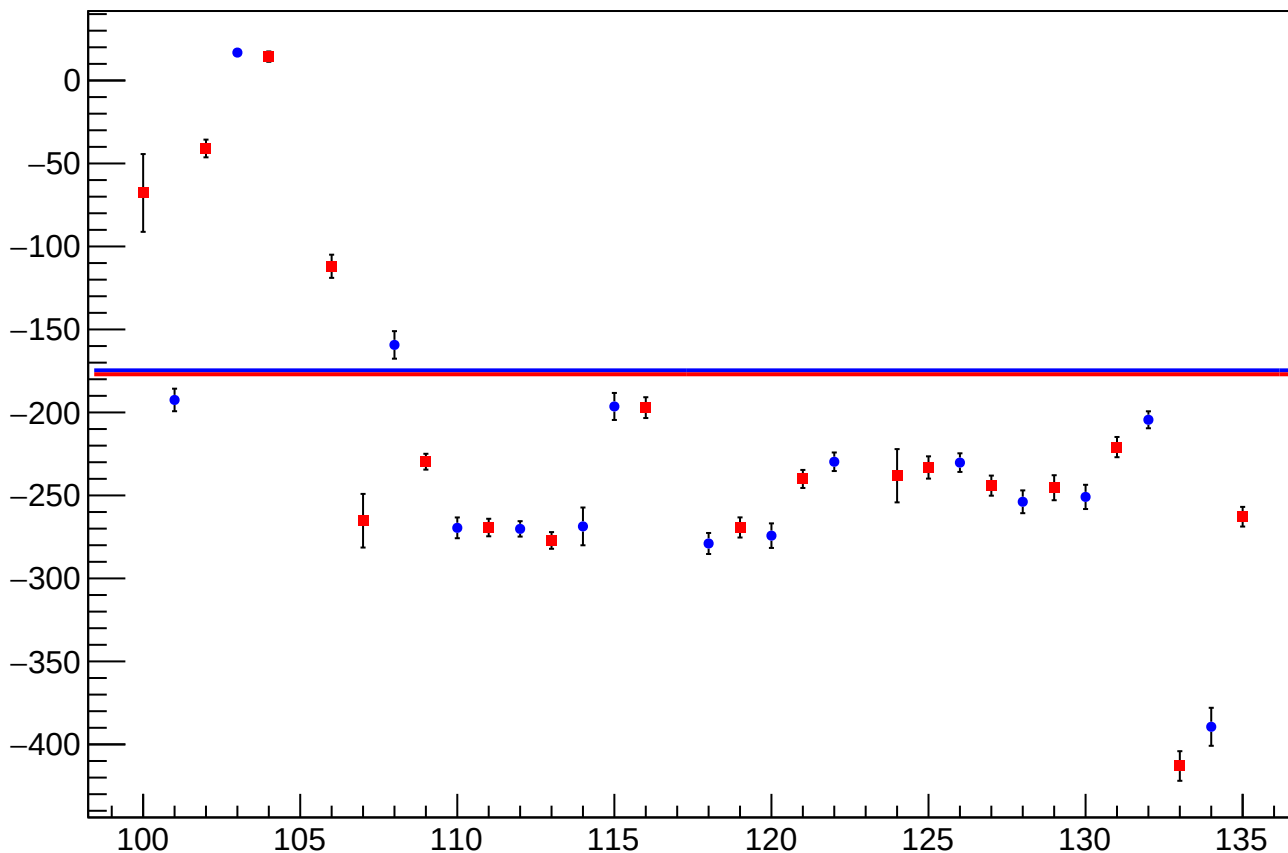
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -10.572 ± 0.036 $\chi^2/\text{NDF}: 420891.0/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_avg_diff_bpm1X_slope vs Slug



Right In: -174.651 ± 1.511 χ^2/NDF : 6206.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -177.011 ± 1.400 χ^2/NDF : 7042.8/17

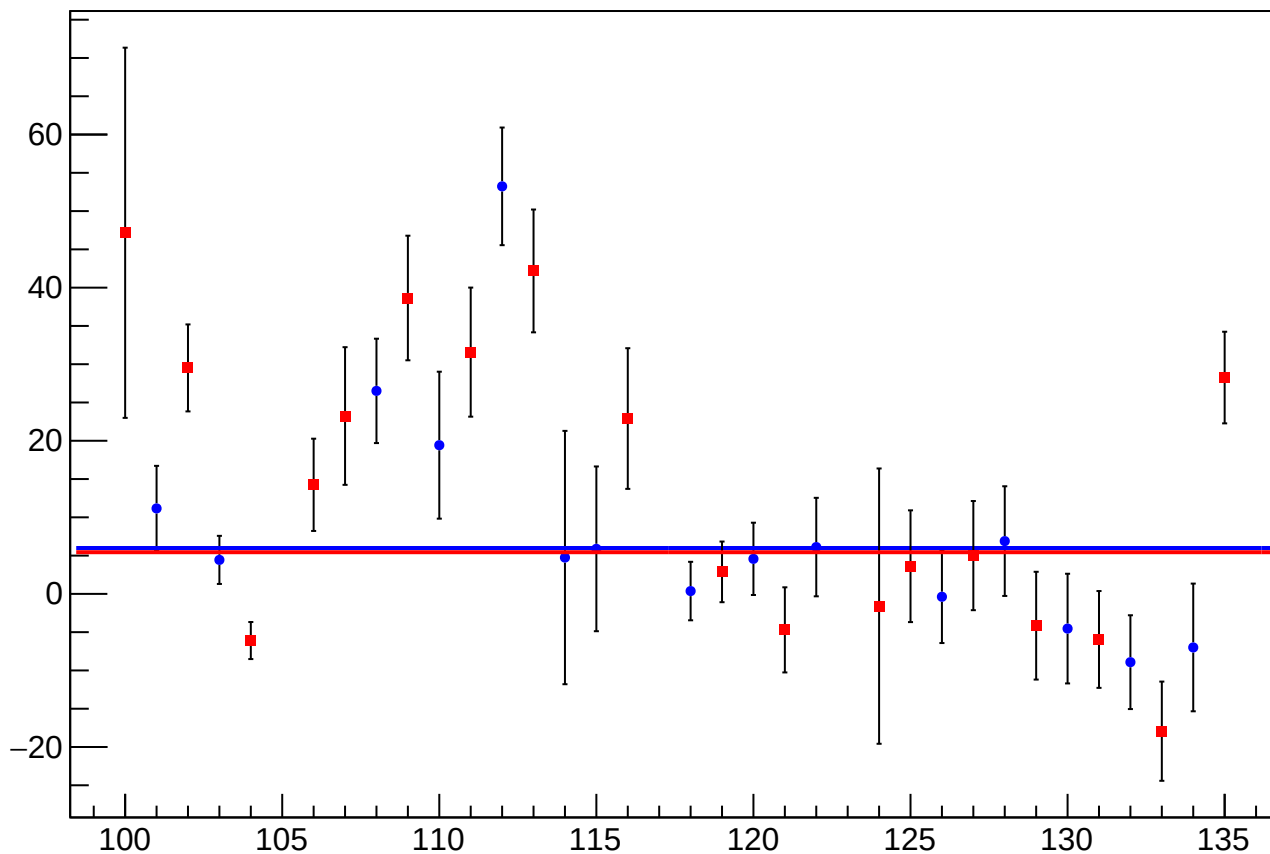
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -175.921 ± 1.027 χ^2/NDF : 13250.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4aY_slope vs Slug



Right In: 5.993+/-1.507 χ^2/NDF : 63.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 5.444+/-1.368 χ^2/NDF : 137.2/17

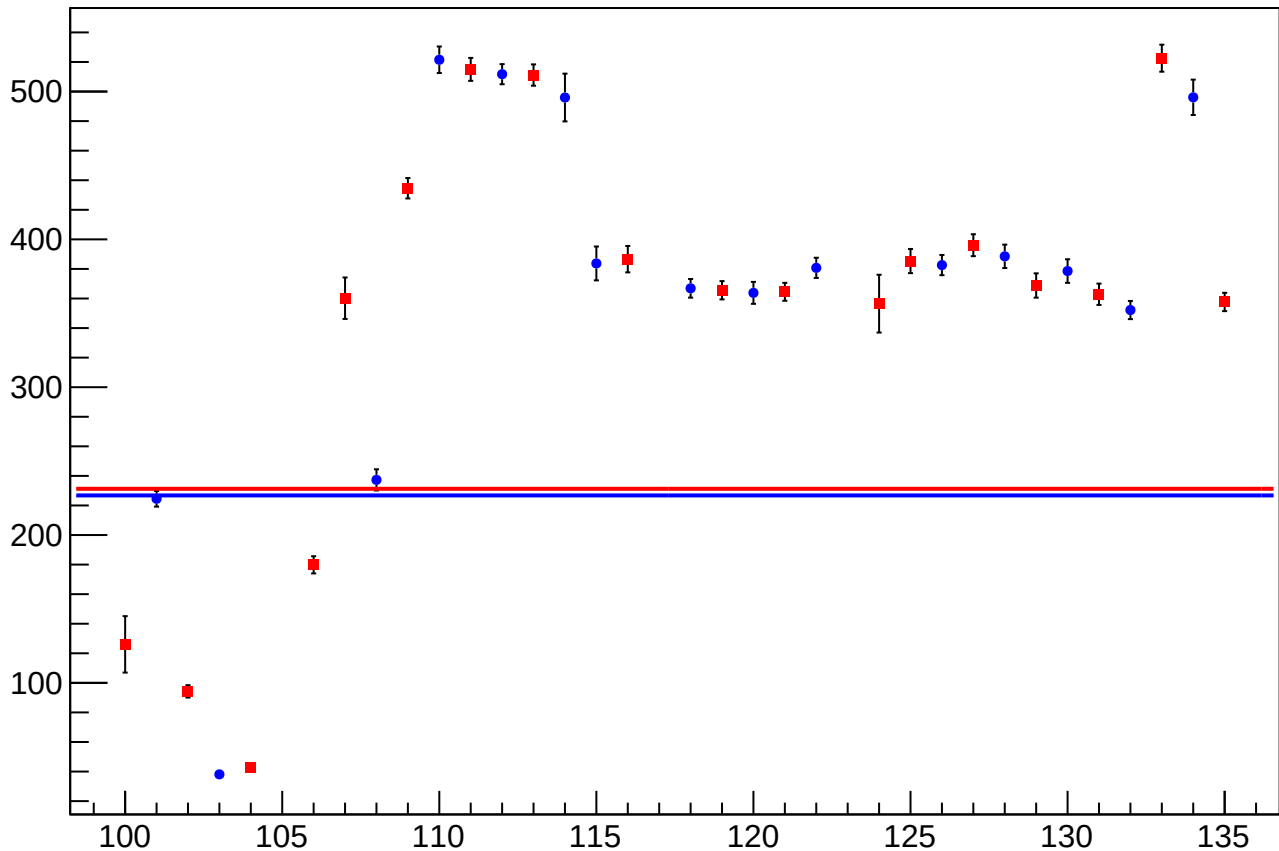
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 5.692+/-1.013 χ^2/NDF : 201.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eX_slope vs Slug



Right In: 226.780 $\pm$ 1.513 χ^2 /NDF: 13465.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 231.282 $\pm$ 1.426 χ^2 /NDF: 15084.8/17

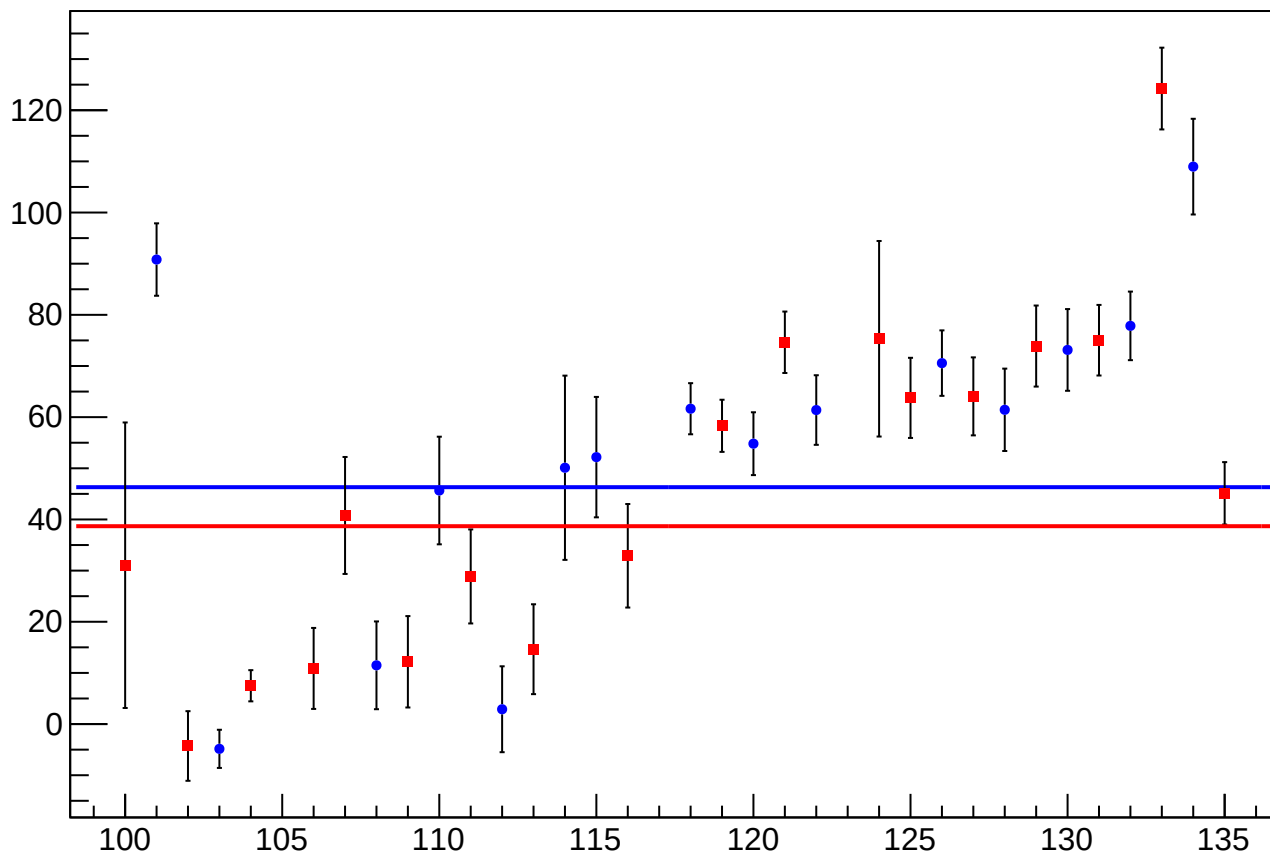
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 229.164 $\pm$ 1.038 χ^2 /NDF: 28554.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm4eY_slope vs Slug



Right In: 46.310 $\pm$ 1.778 χ^2 /NDF: 383.5/14

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

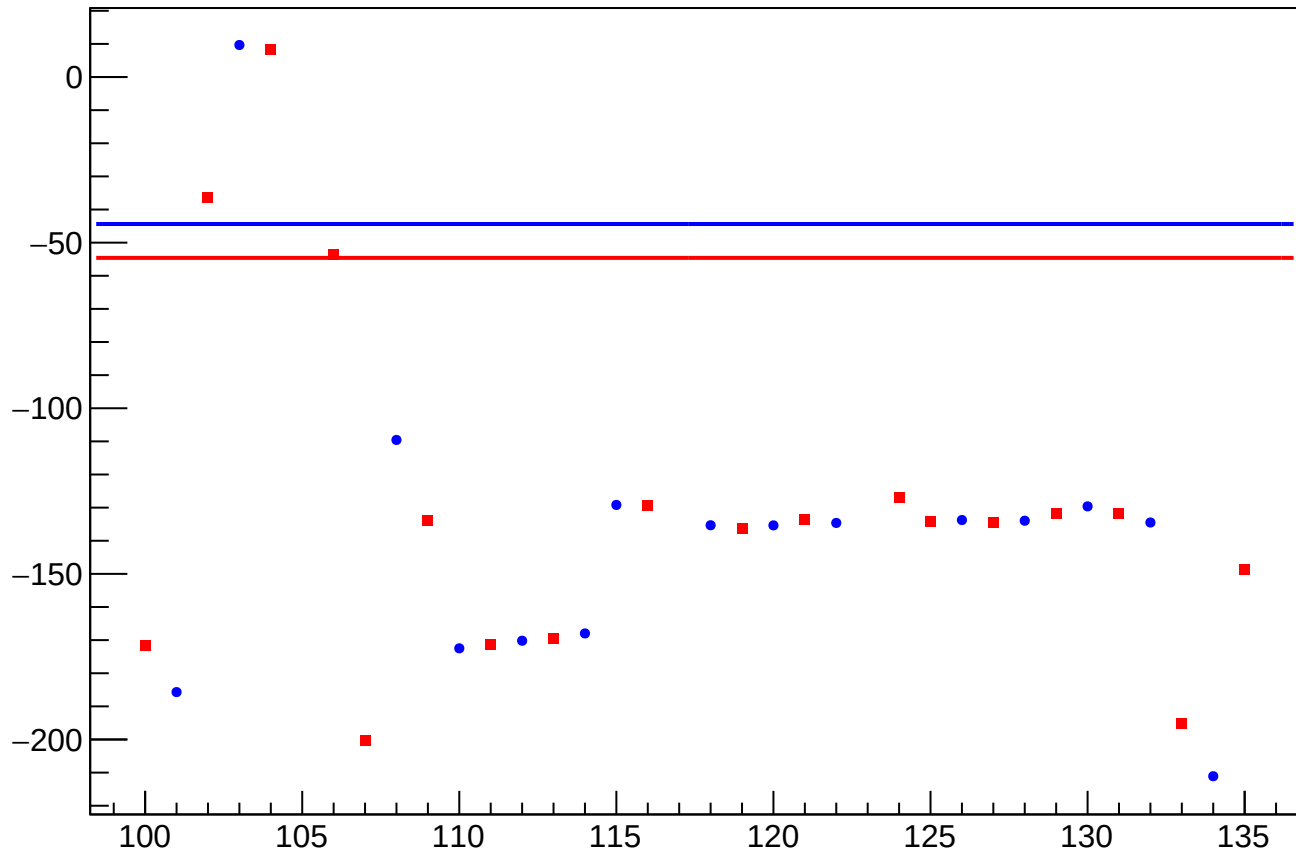
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 42.132 $\pm$ 1.196 χ^2 /NDF: 807.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_avg_diff_bpm12X_slope vs Slug



Right In: -44.372 ± 0.078 $\chi^2/\text{NDF}: 973835.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -54.599 ± 0.075 $\chi^2/\text{NDF}: 822280.9/17$

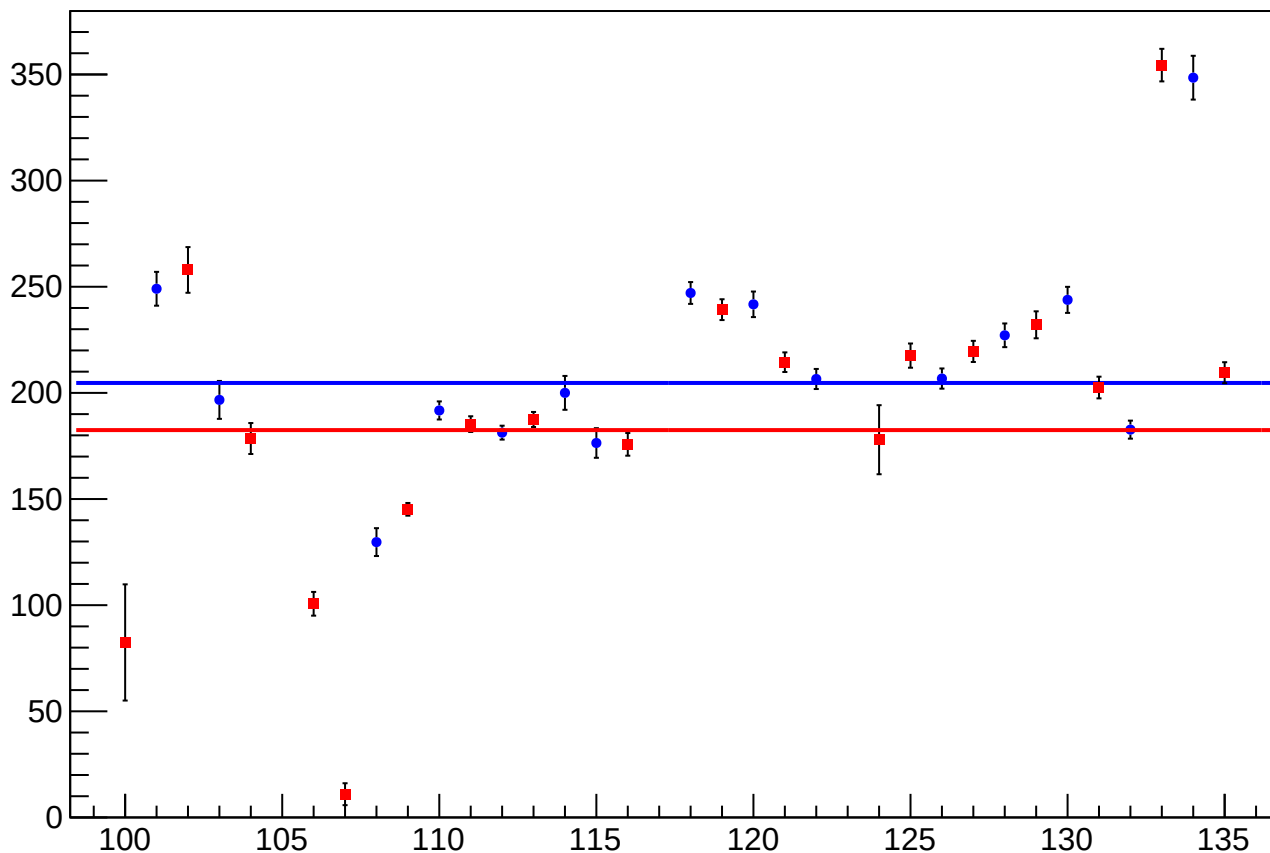
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -49.670 ± 0.054 $\chi^2/\text{NDF}: 1804982.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl1r2_dd_diff_bpm1X_slope vs Slug



Right In: 204.683 $\pm$ 1.395 χ^2 /NDF: 623.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 182.476 $\pm$ 1.211 χ^2 /NDF: 2426.3/17

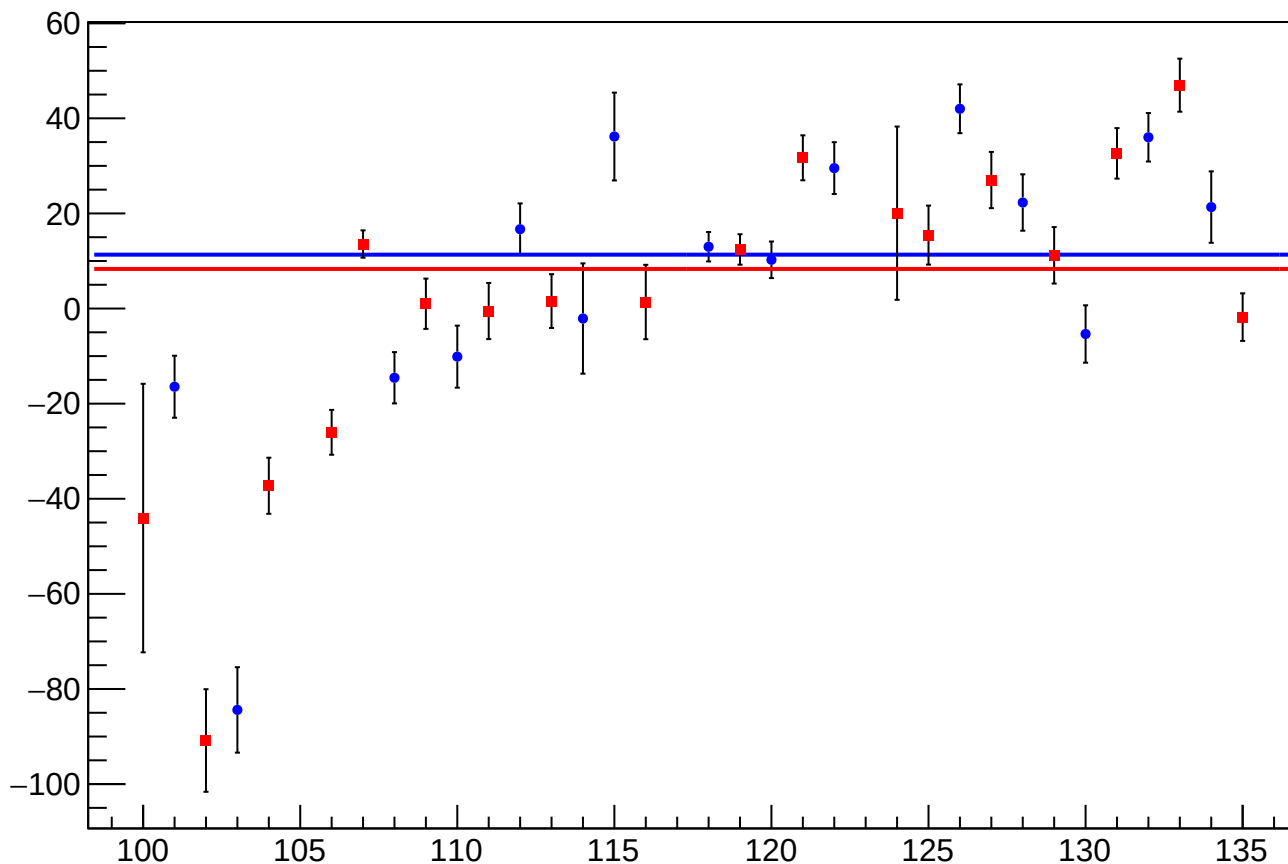
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 192.015 $\pm$ 0.914 χ^2 /NDF: 3194.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4aY_slope vs Slug



Right In: 11.330 $\pm$ 1.410 χ^2 /NDF: 258.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 8.328 $\pm$ 1.238 χ^2 /NDF: 321.6/17

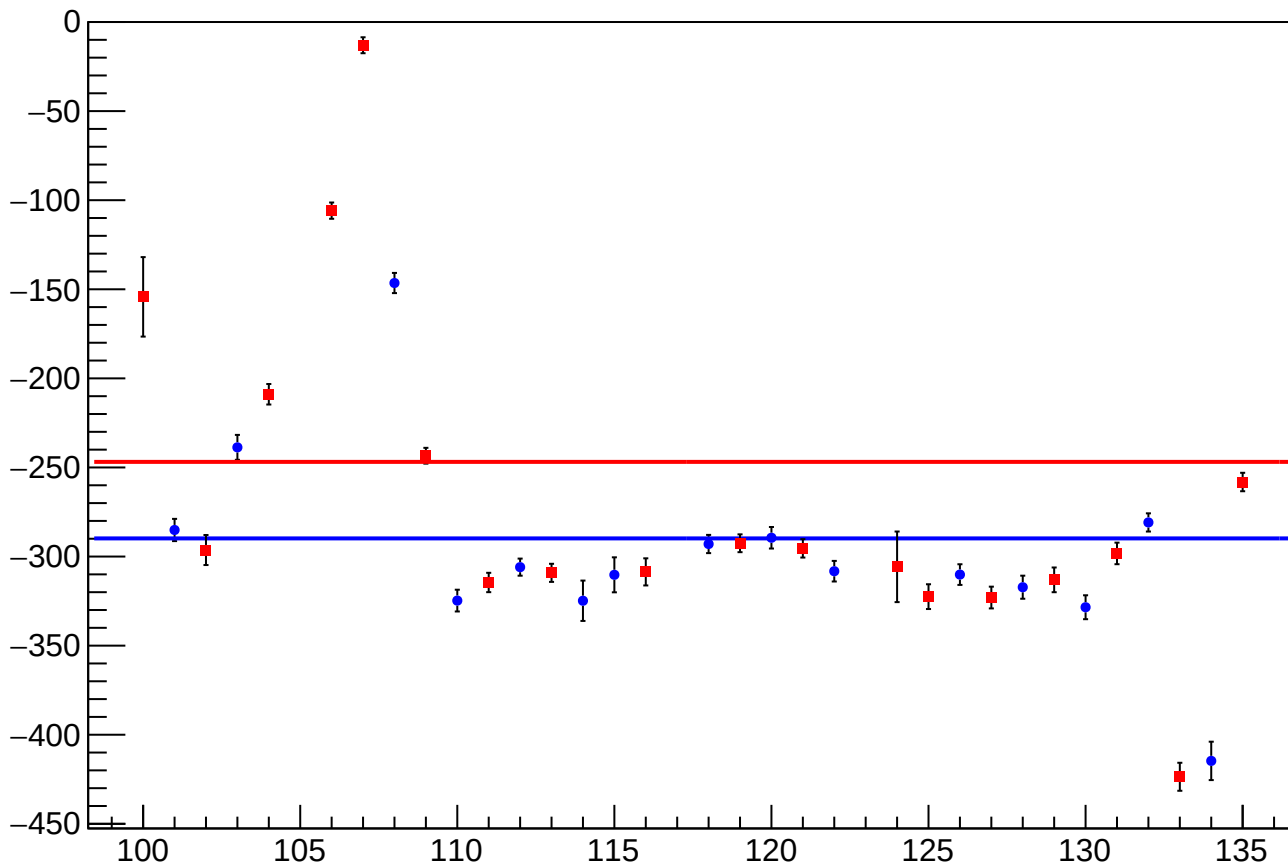
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 9.634 $\pm$ 0.930 χ^2 /NDF: 582.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eX_slope vs Slug



Right In: -289.817+/-1.614 χ^2/NDF : 962.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -246.866+/-1.394 χ^2/NDF : 5277.7/17

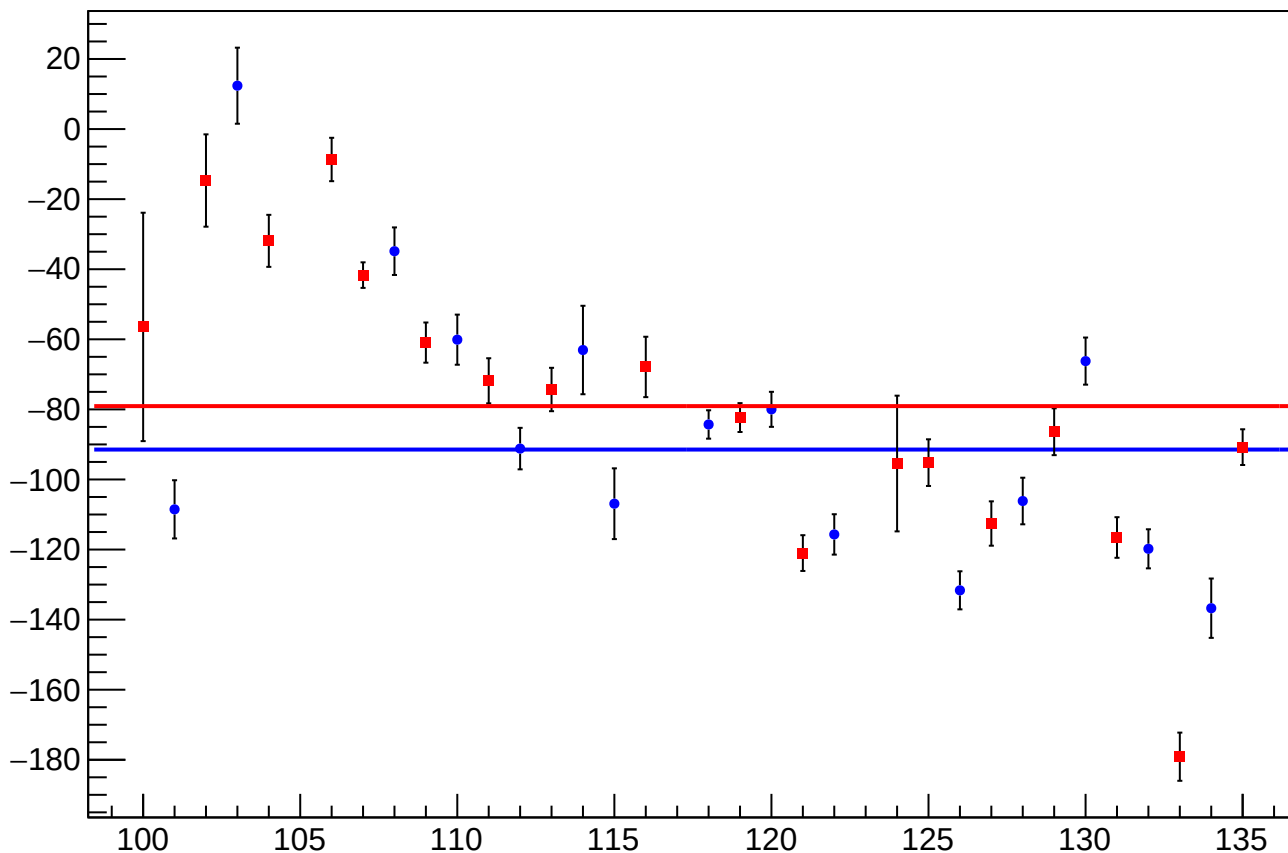
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -265.228+/-1.055 χ^2/NDF : 6646.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_diff_bpm4eY_slope vs Slug



Right In: -91.464 $\pm$ 1.656 χ^2 /NDF: 346.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -79.067 $\pm$ 1.444 χ^2 /NDF: 675.3/17

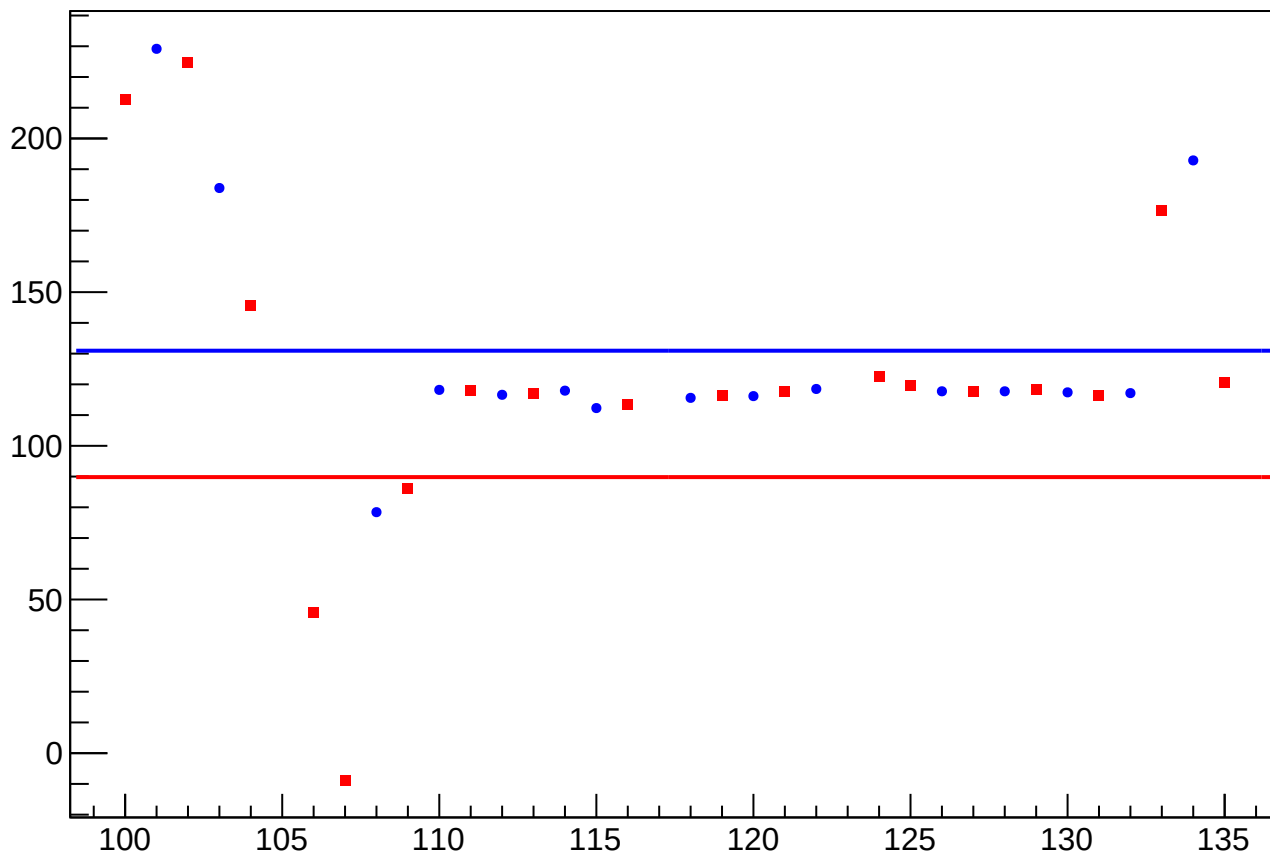
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -84.422 $\pm$ 1.088 χ^2 /NDF: 1053.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_diff_bpm12X_slope vs Slug



Right In: 130.947 $\pm$ 0.106 χ^2 /NDF: 181980.8/14

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

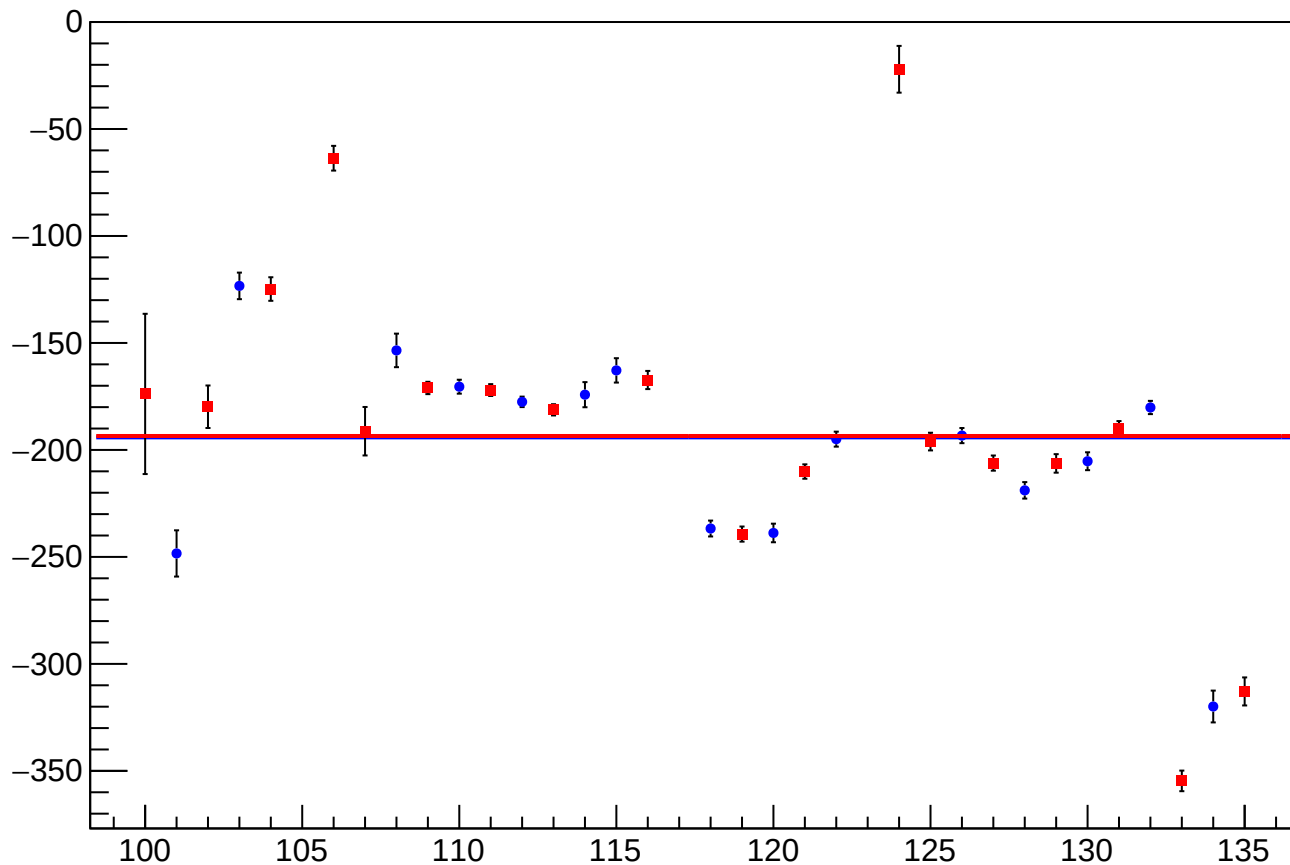
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 105.054 $\pm$ 0.064 χ^2 /NDF: 874624.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm1X_slope vs Slug



Right In: -194.124 ± 1.051 χ^2/NDF : 915.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -193.481 ± 0.979 χ^2/NDF : 2759.2/17

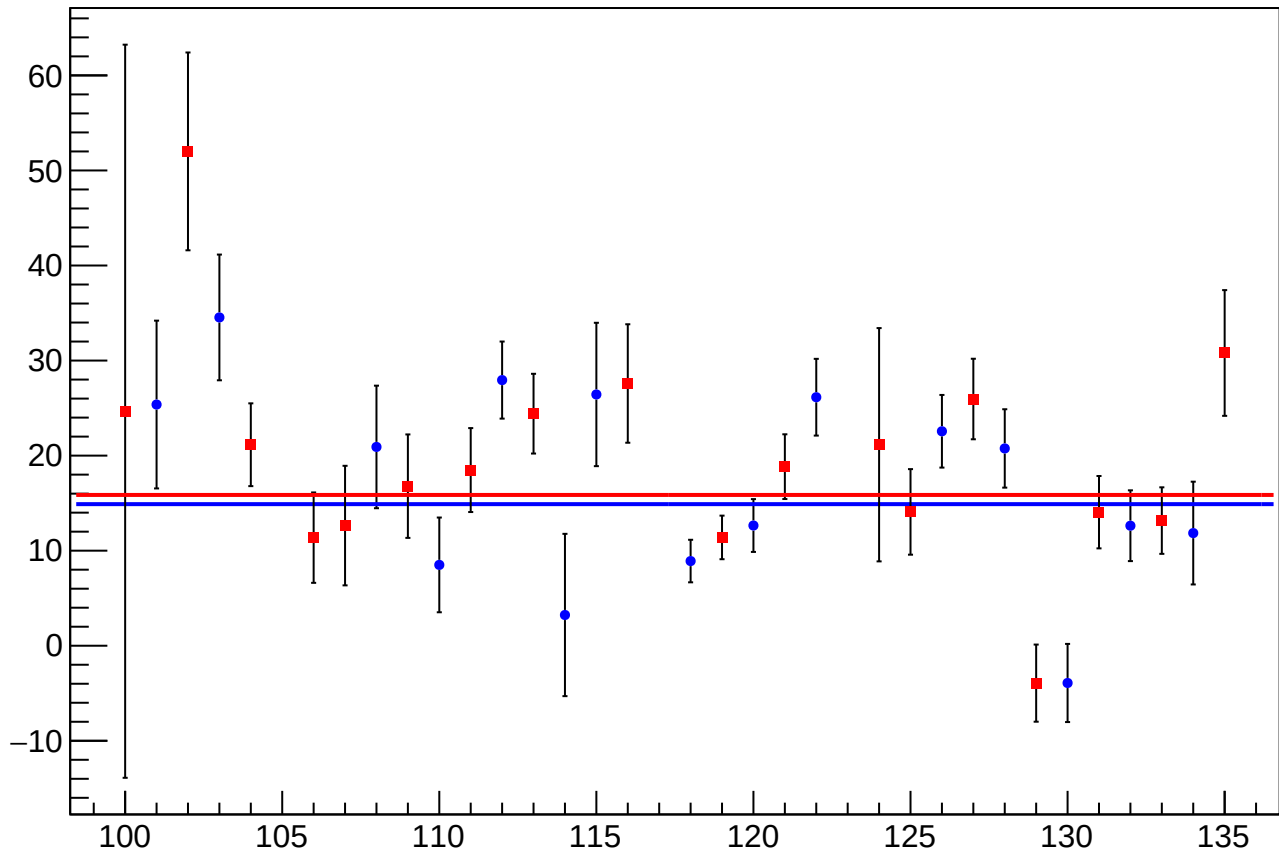
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -193.780 ± 0.716 χ^2/NDF : 3674.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_avg_diff_bpm4aY_slope vs Slug



Right In: 14.895 $\pm$ 1.069 χ^2 /NDF: 70.6/14

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

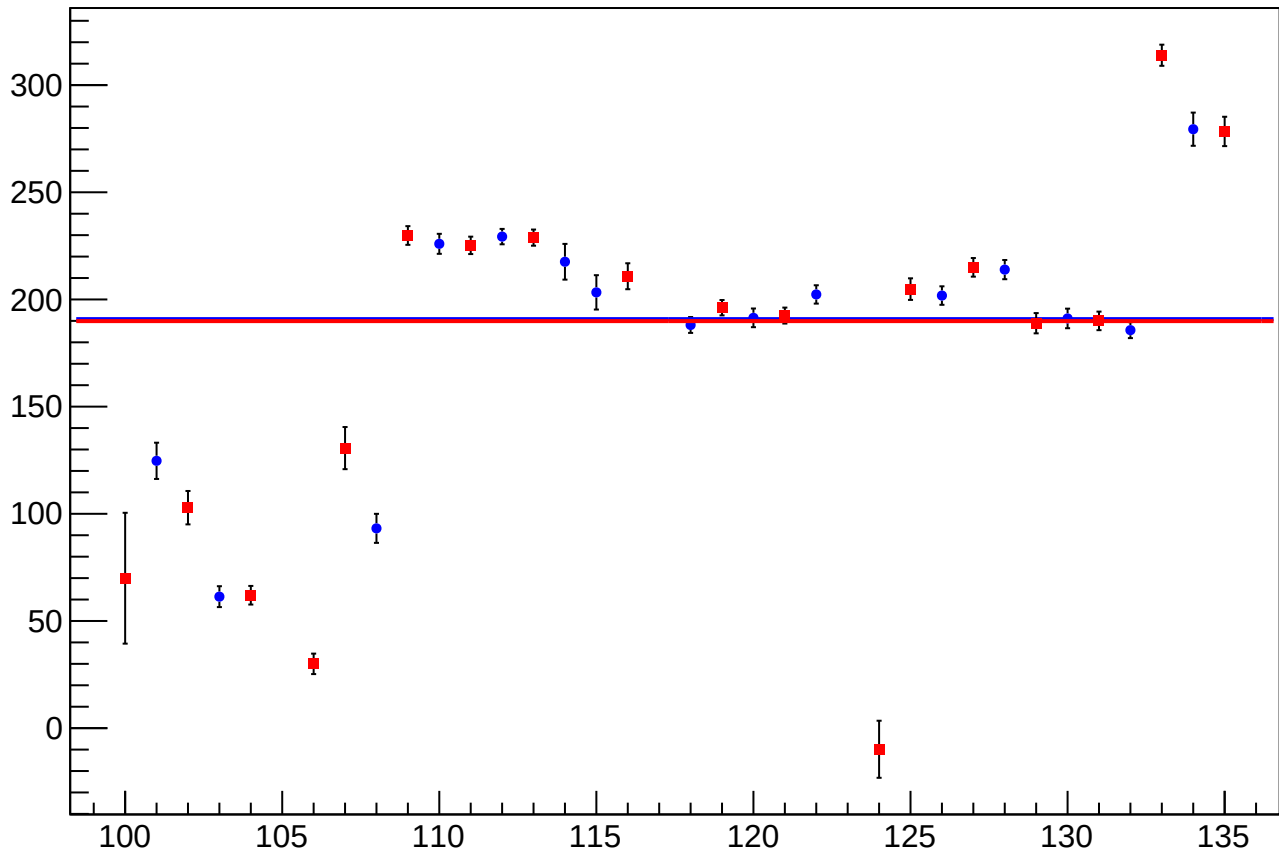
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 15.392 $\pm$ 0.746 χ^2 /NDF: 134.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eX_slope vs Slug



Right In: 190.828 $\pm$ 1.238 χ^2 /NDF: 1333.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 189.895 $\pm$ 1.159 χ^2 /NDF: 3514.6/17

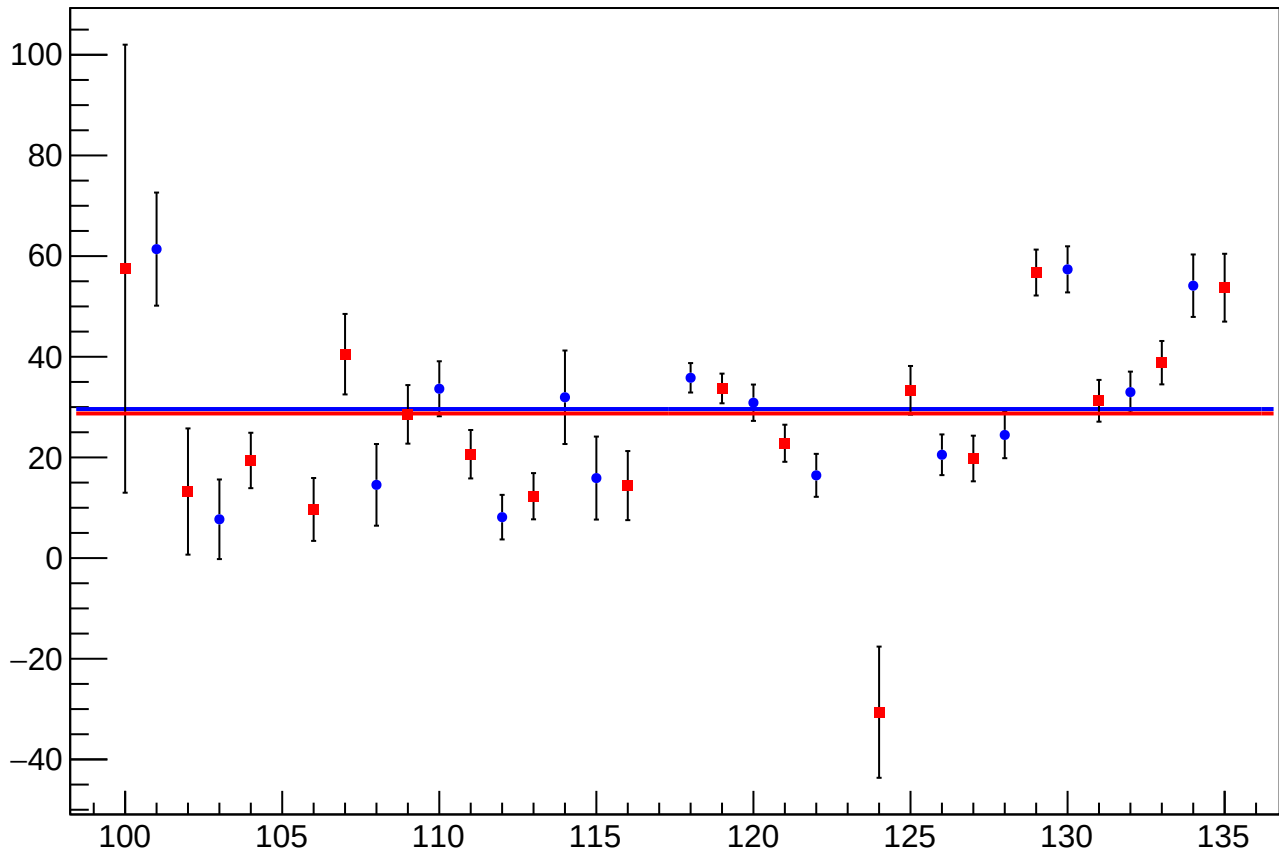
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 190.331 $\pm$ 0.846 χ^2 /NDF: 4848.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm4eY_slope vs Slug



Right In: 29.618 $\pm$ 1.250 χ^2 /NDF: 119.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.734 $\pm$ 1.203 χ^2 /NDF: 124.6/17

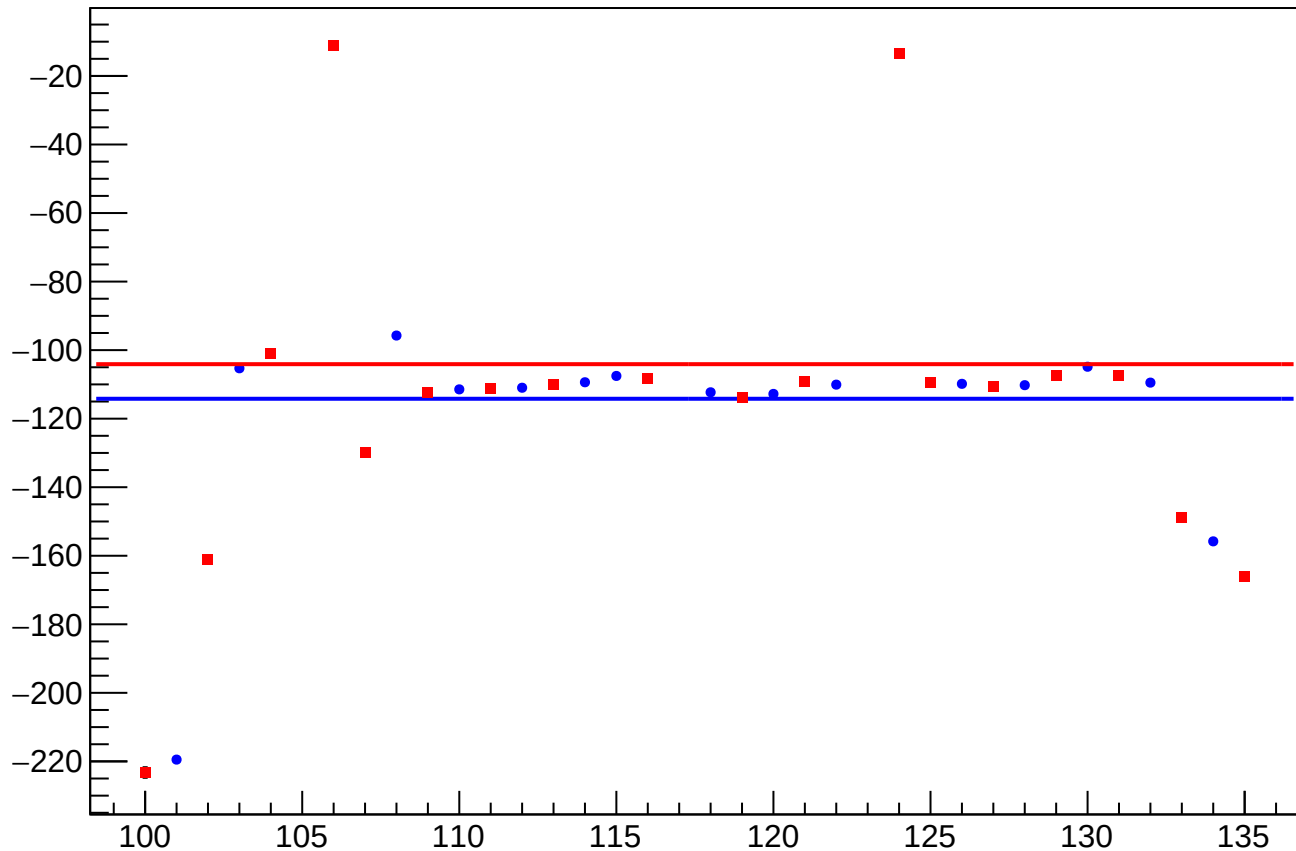
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 29.159 $\pm$ 0.867 χ^2 /NDF: 244.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_avg_diff_bpm12X_slope vs Slug



Right In: -114.192 ± 0.085 $\chi^2/\text{NDF}: 67726.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -104.098 ± 0.076 $\chi^2/\text{NDF}: 337768.2/17$

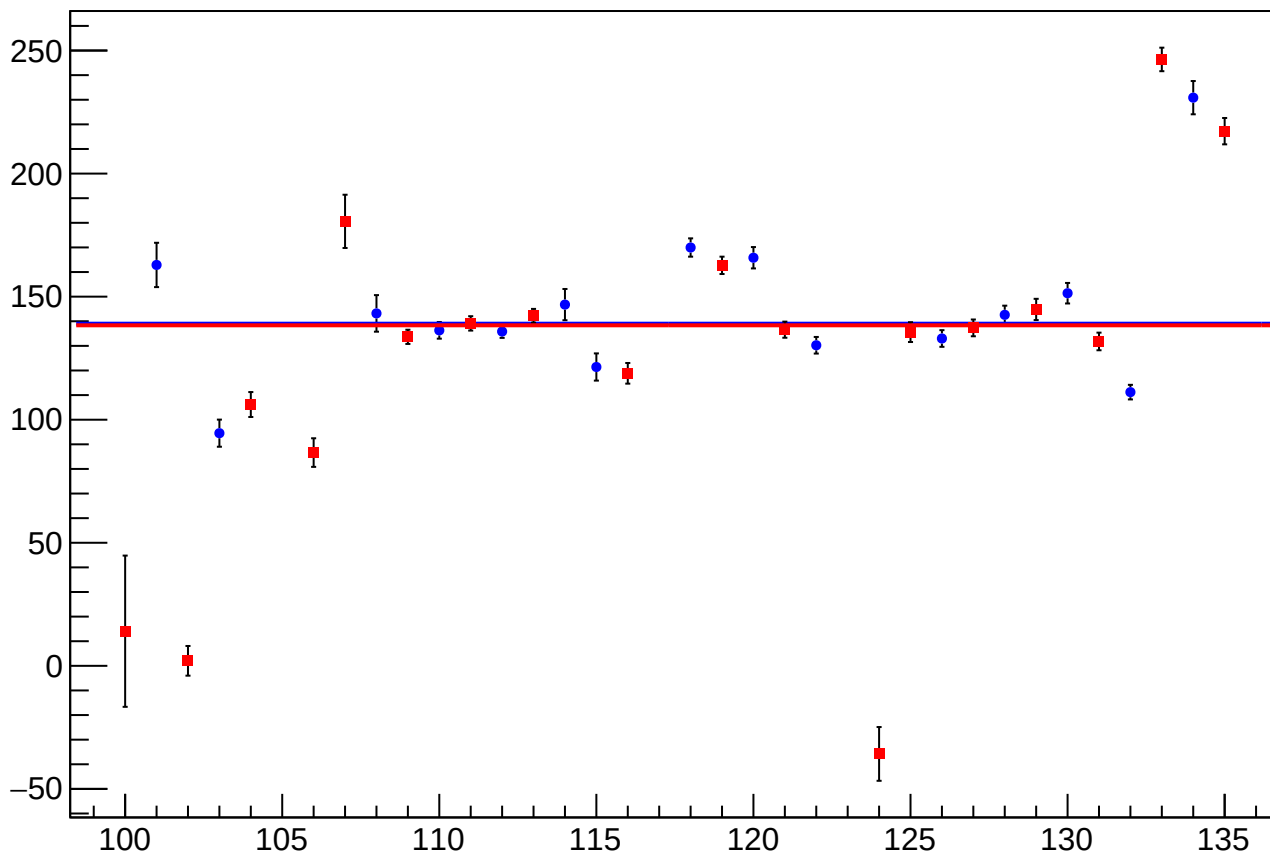
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -108.552 ± 0.057 $\chi^2/\text{NDF}: 413352.8/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atr1l2_dd_diff_bpm1X_slope vs Slug



Right In: 139.009 $\pm$ 1.041 χ^2 /NDF: 485.9/14

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

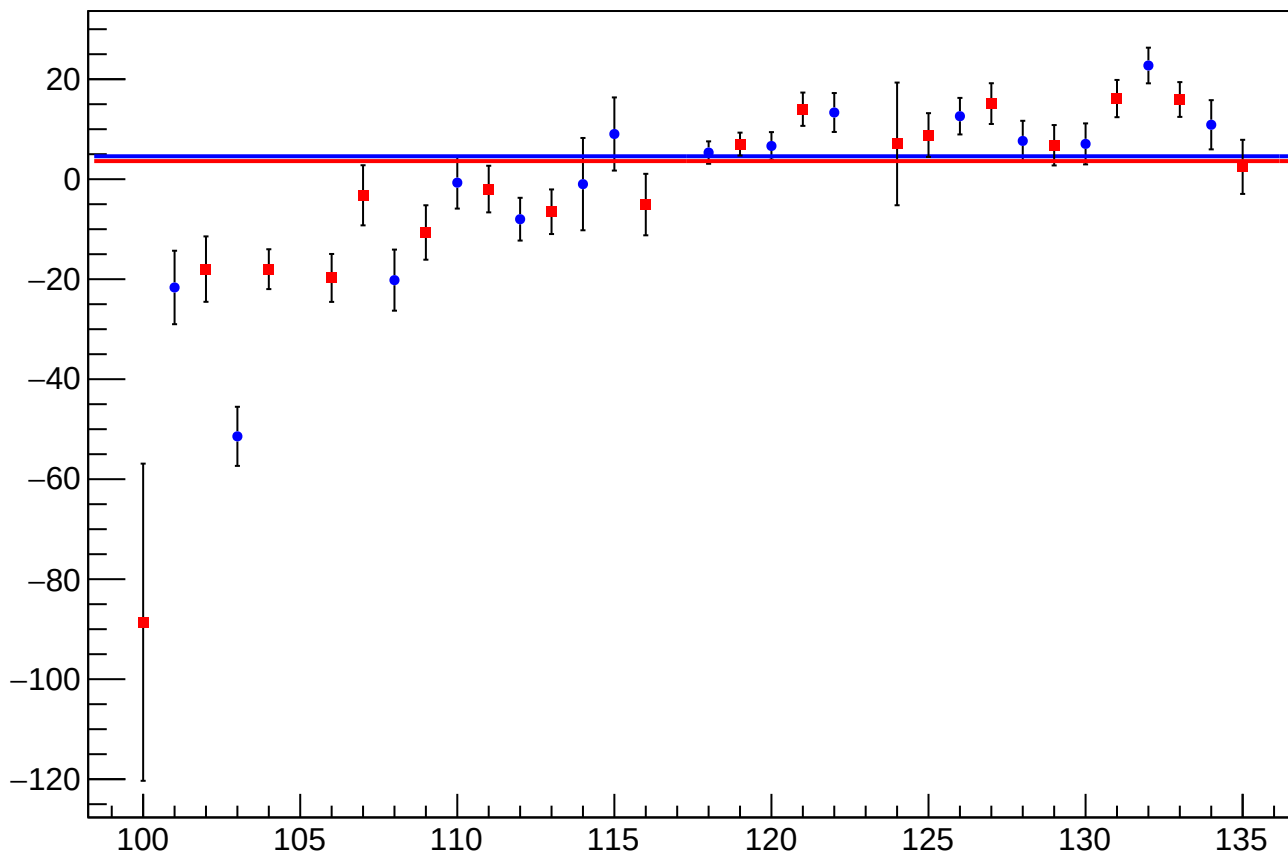
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 138.660 $\pm$ 0.709 χ^2 /NDF: 2210.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4aY_slope vs Slug



Right In: 4.586+/-1.050 χ^2/NDF : 168.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 3.621+/-1.018 χ^2/NDF : 135.2/17

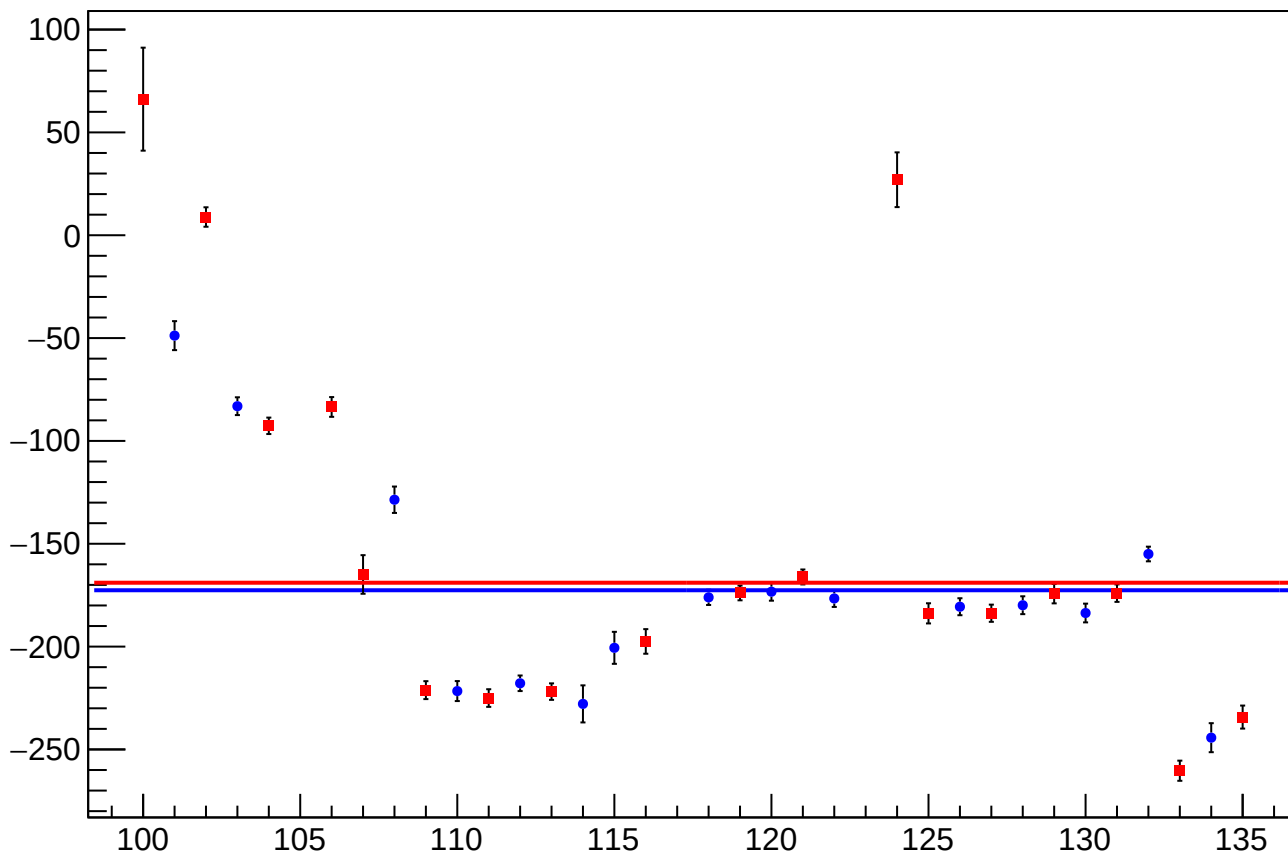
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 4.089+/-0.731 χ^2/NDF : 304.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eX_slope vs Slug



Right In: -172.606 $\pm$ 1.211 χ^2 /NDF: 1220.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -168.944 $\pm$ 1.123 χ^2 /NDF: 3422.7/17

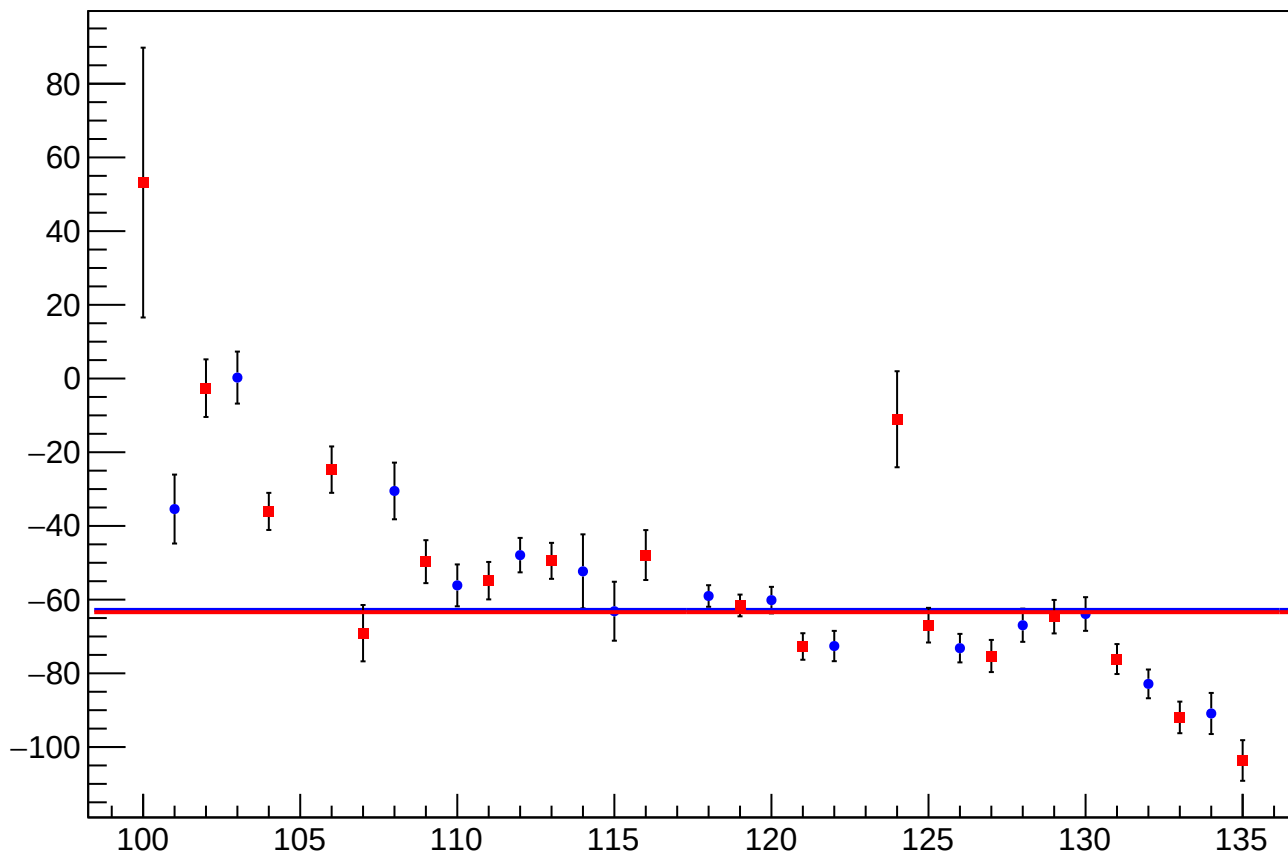
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -170.637 $\pm$ 0.823 χ^2 /NDF: 4648.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atr1l2_dd_diff_bpm4eY_slope vs Slug



Right In: -62.787 ± 1.226 χ^2/NDF : 186.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -63.402 ± 1.176 χ^2/NDF : 298.9/17

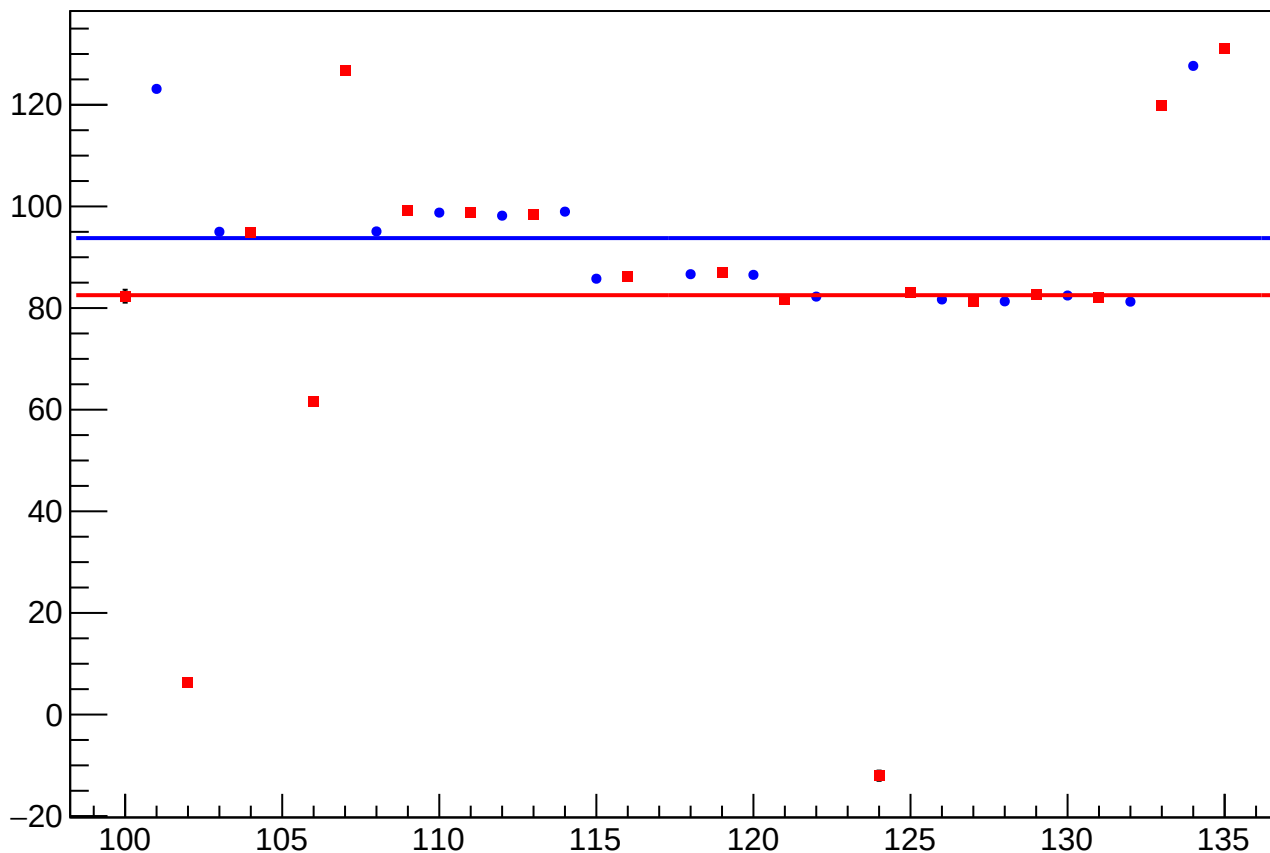
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -63.107 ± 0.849 χ^2/NDF : 485.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atr1l2_dd_diff_bpm12X_slope vs Slug



Right In: 93.768 $\pm$ 0.081 χ^2 /NDF: 27033.2/14

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

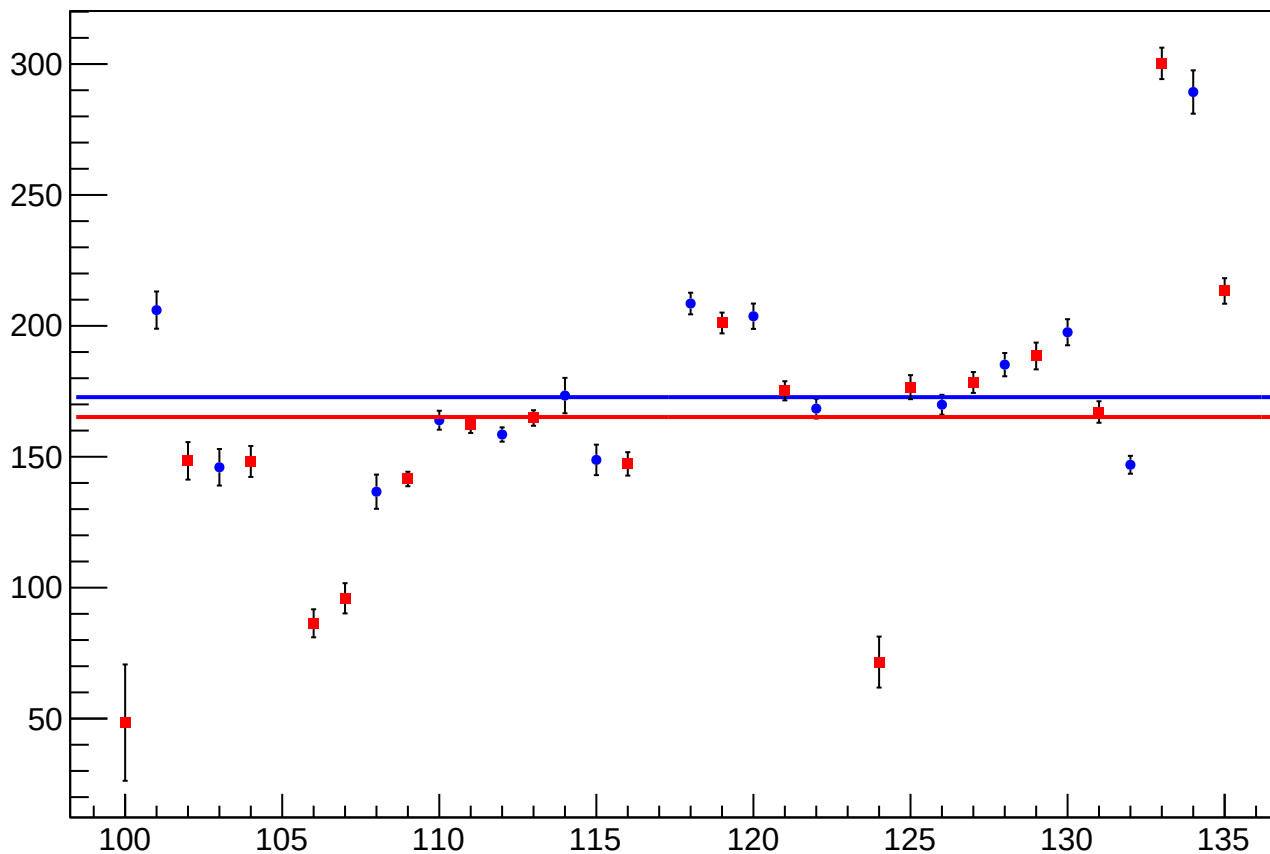
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 87.350 $\pm$ 0.053 χ^2 /NDF: 286172.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.176+/-1.032 χ^2/NDF : 1315.9/17

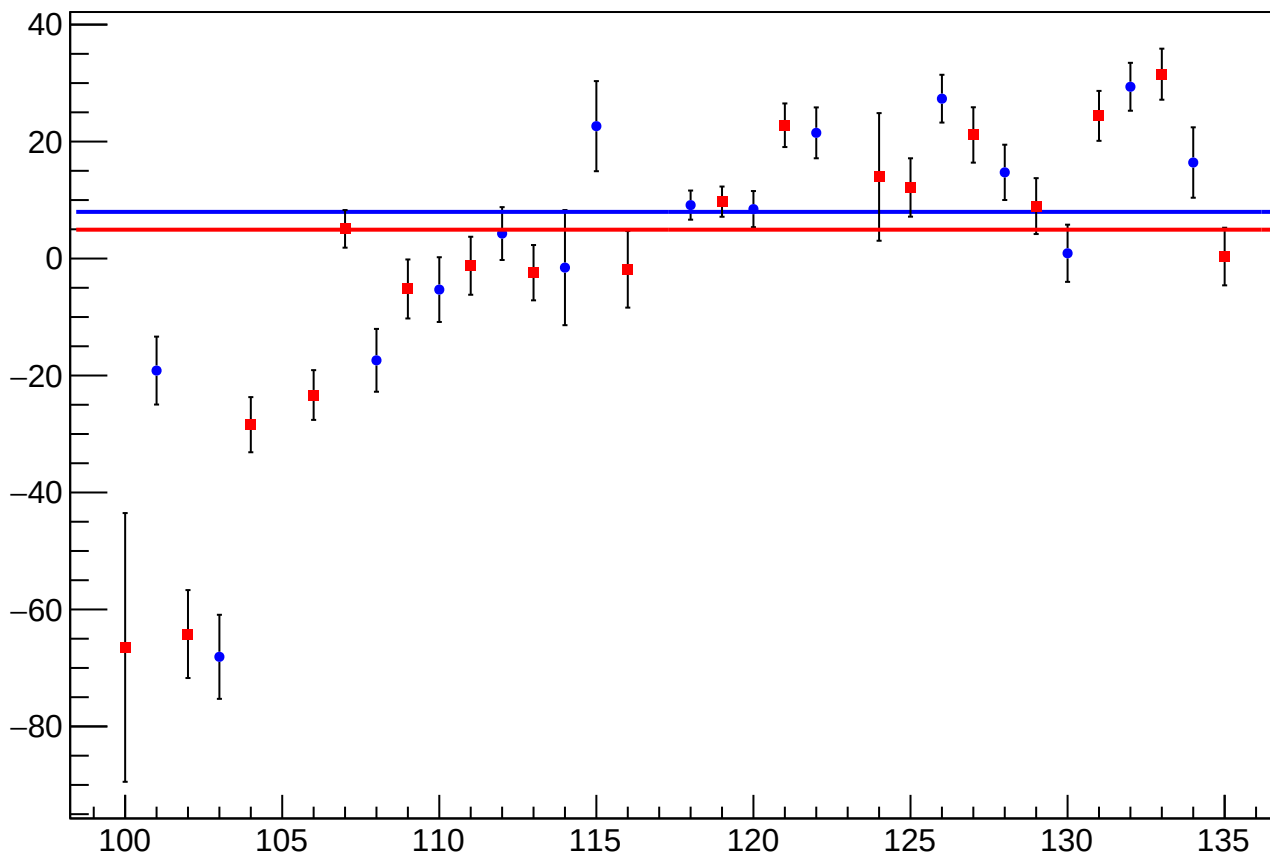
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.566+/-0.767 χ^2/NDF : 1863.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 7.979 $\pm$ 1.159 χ^2 /NDF: 232.9/14

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

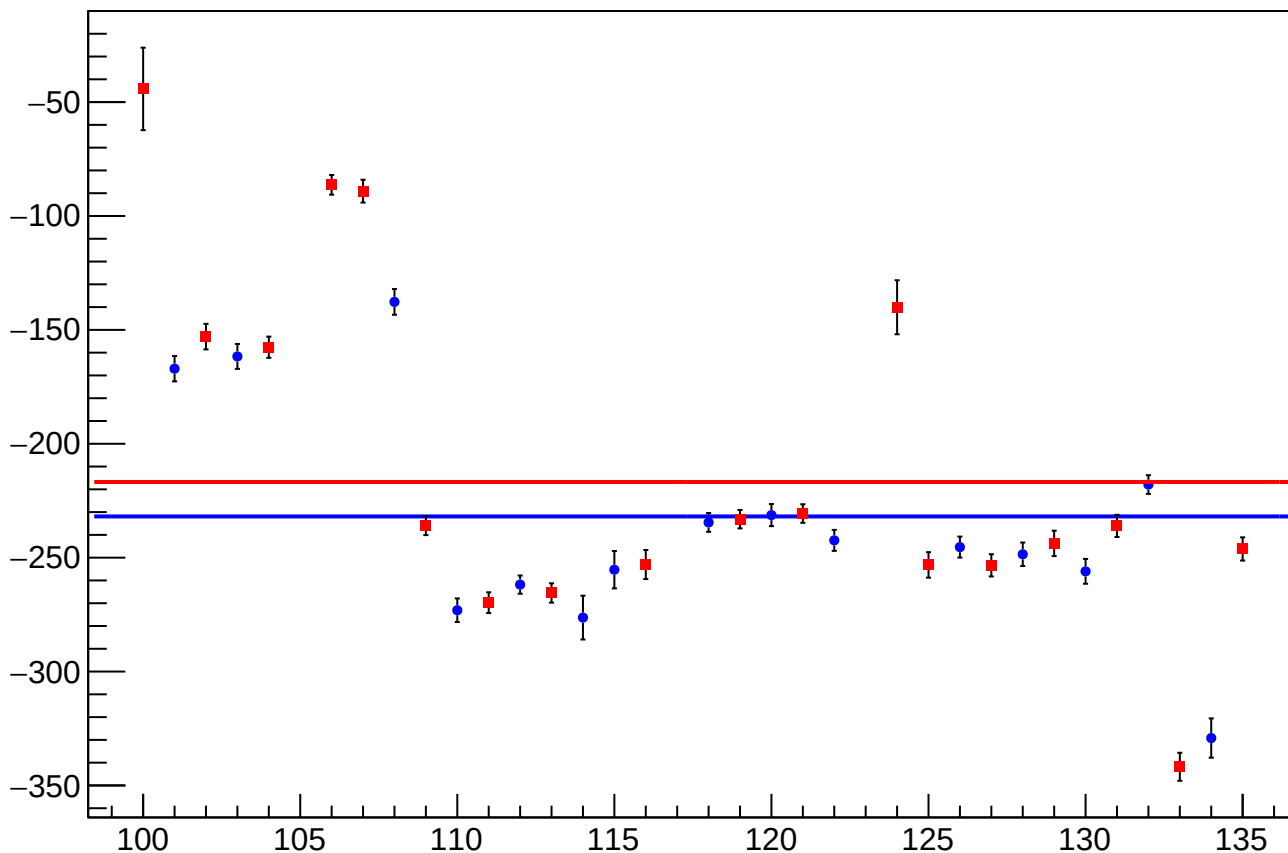
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.337 $\pm$ 0.786 χ^2 /NDF: 534.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.774+/-1.193 χ^2/NDF : 2918.5/17

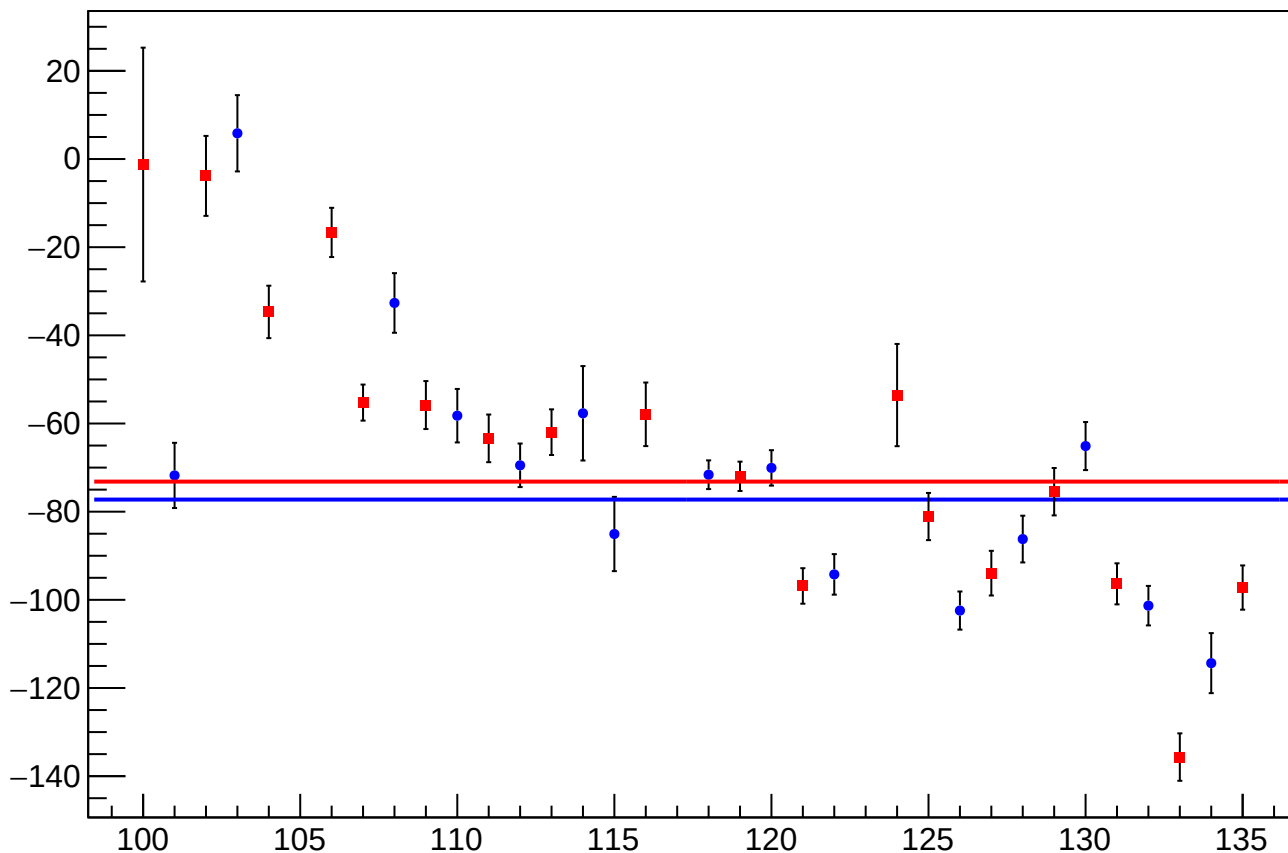
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.498+/-0.889 χ^2/NDF : 3900.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -77.255 $\pm$ 1.358 χ^2 /NDF: 272.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -73.177 $\pm$ 1.244 χ^2 /NDF: 491.4/17

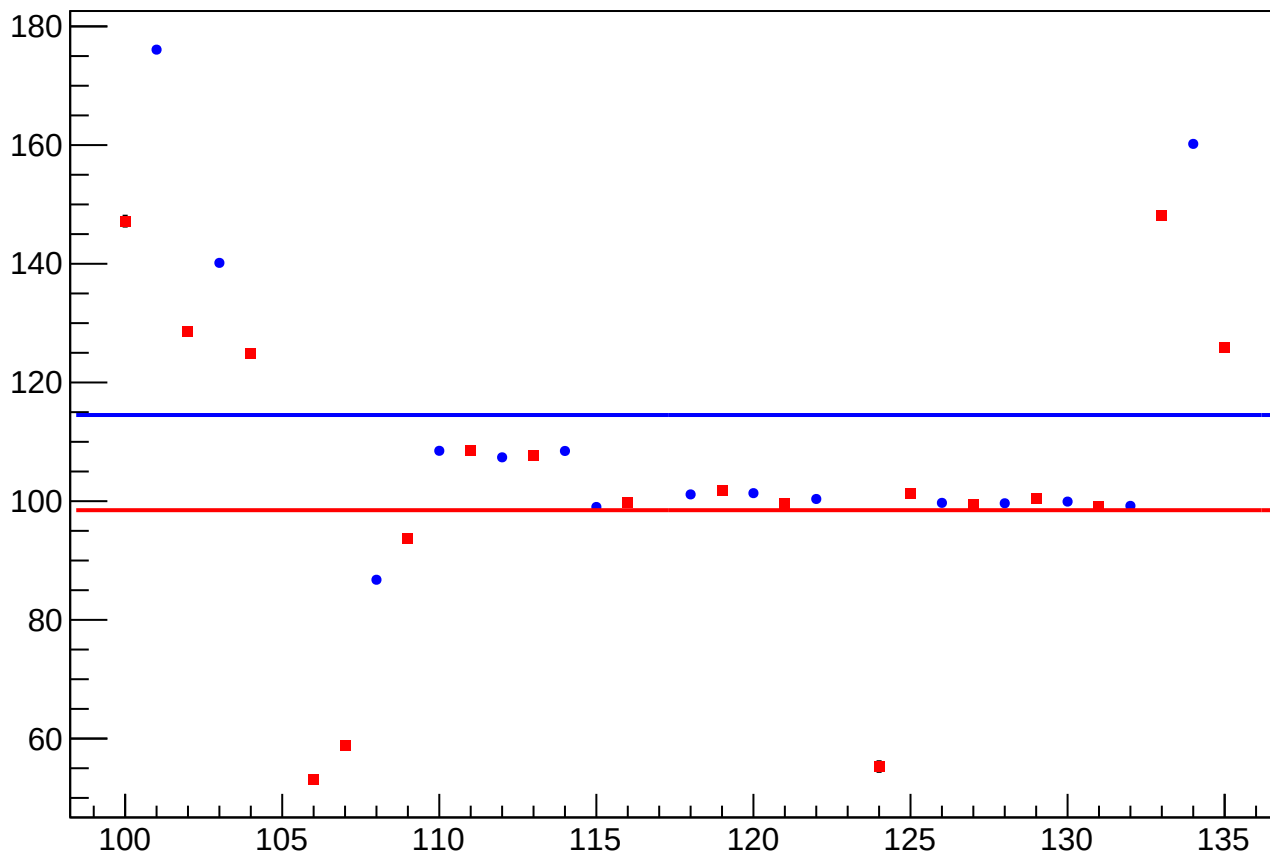
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -75.036 $\pm$ 0.917 χ^2 /NDF: 769.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.481+/-0.072 χ^2/NDF : 160134.6/17

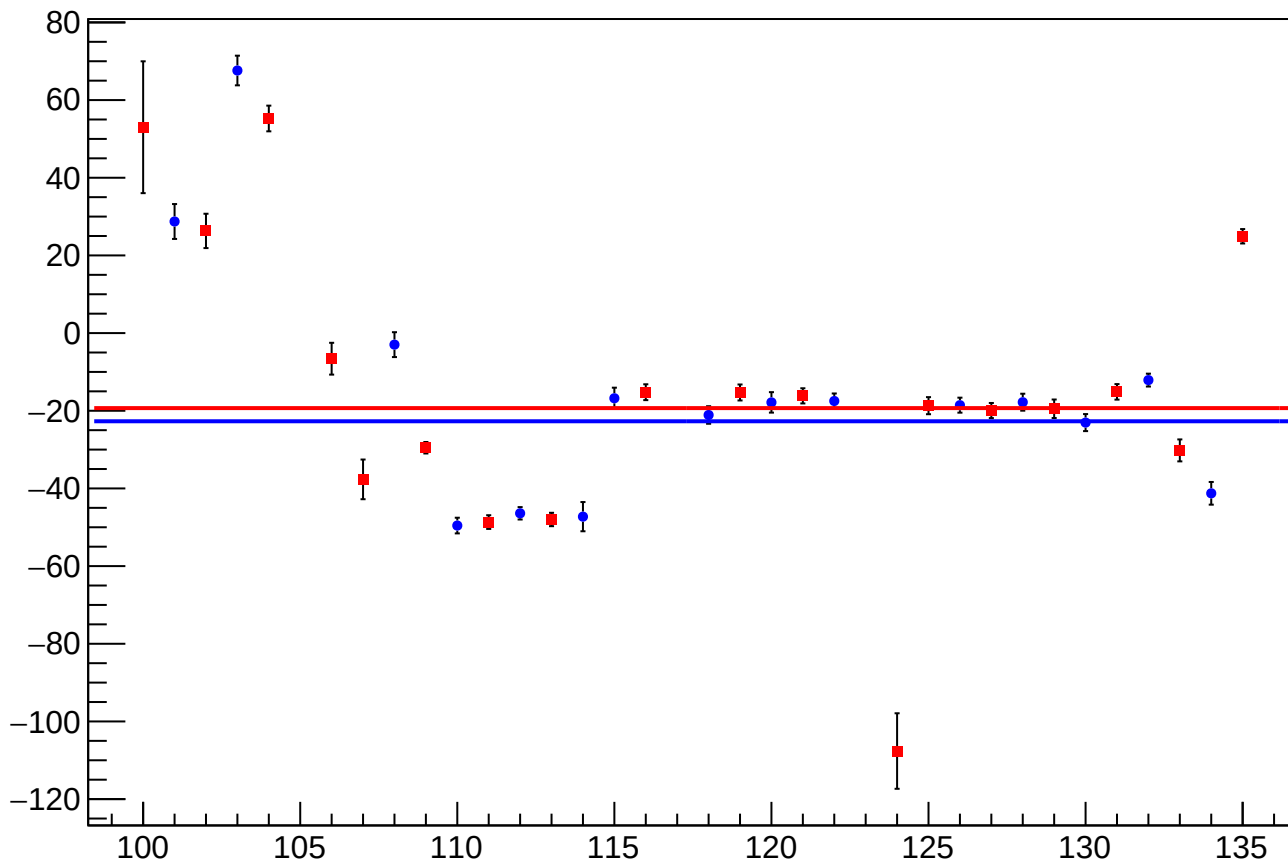
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.788+/-0.056 χ^2/NDF : 269729.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -22.707 ± 0.594 $\chi^2/\text{NDF}: 1275.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.316 ± 0.540 $\chi^2/\text{NDF}: 1938.3/17$

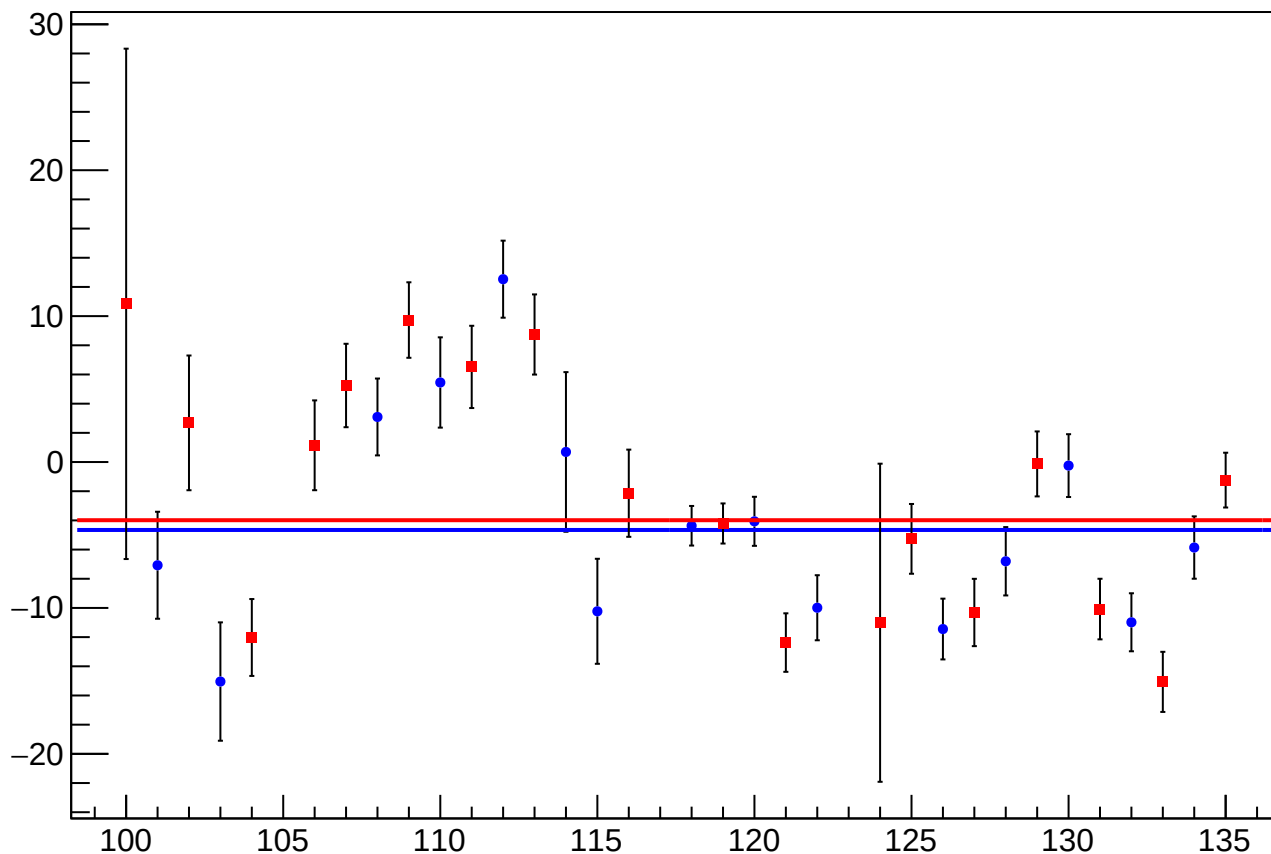
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.852 ± 0.400 $\chi^2/\text{NDF}: 3231.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.656+/-0.594 χ^2/NDF : 104.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.987+/-0.573 χ^2/NDF : 157.6/17

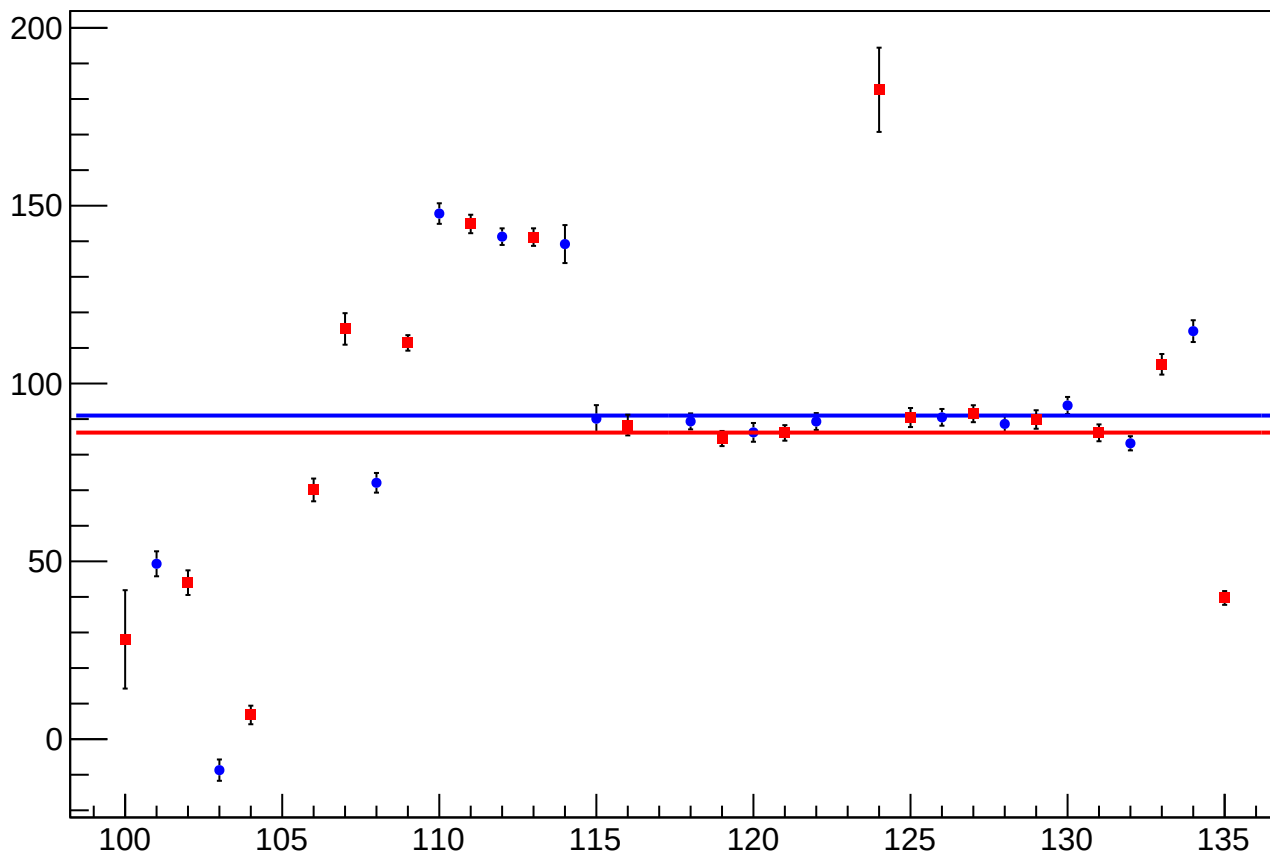
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.310+/-0.412 χ^2/NDF : 262.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 90.994 $\pm$ 0.687 χ^2 /NDF: 2307.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 86.203 $\pm$ 0.634 χ^2 /NDF: 2997.2/17

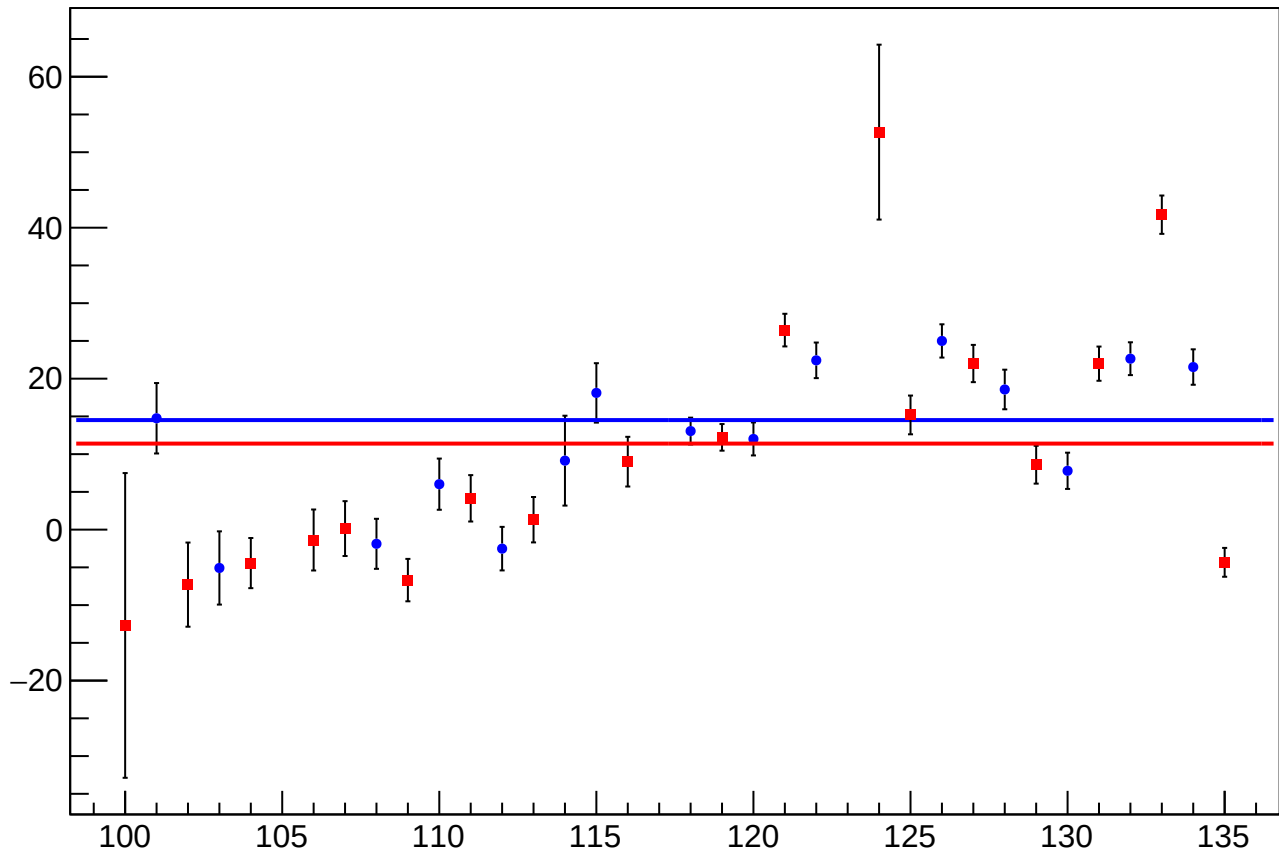
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 88.405 $\pm$ 0.466 χ^2 /NDF: 5330.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_dd_atr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 14.512 ± 0.690 $\chi^2/\text{NDF}: 152.6/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 11.397 ± 0.654 $\chi^2/\text{NDF}: 429.0/17$

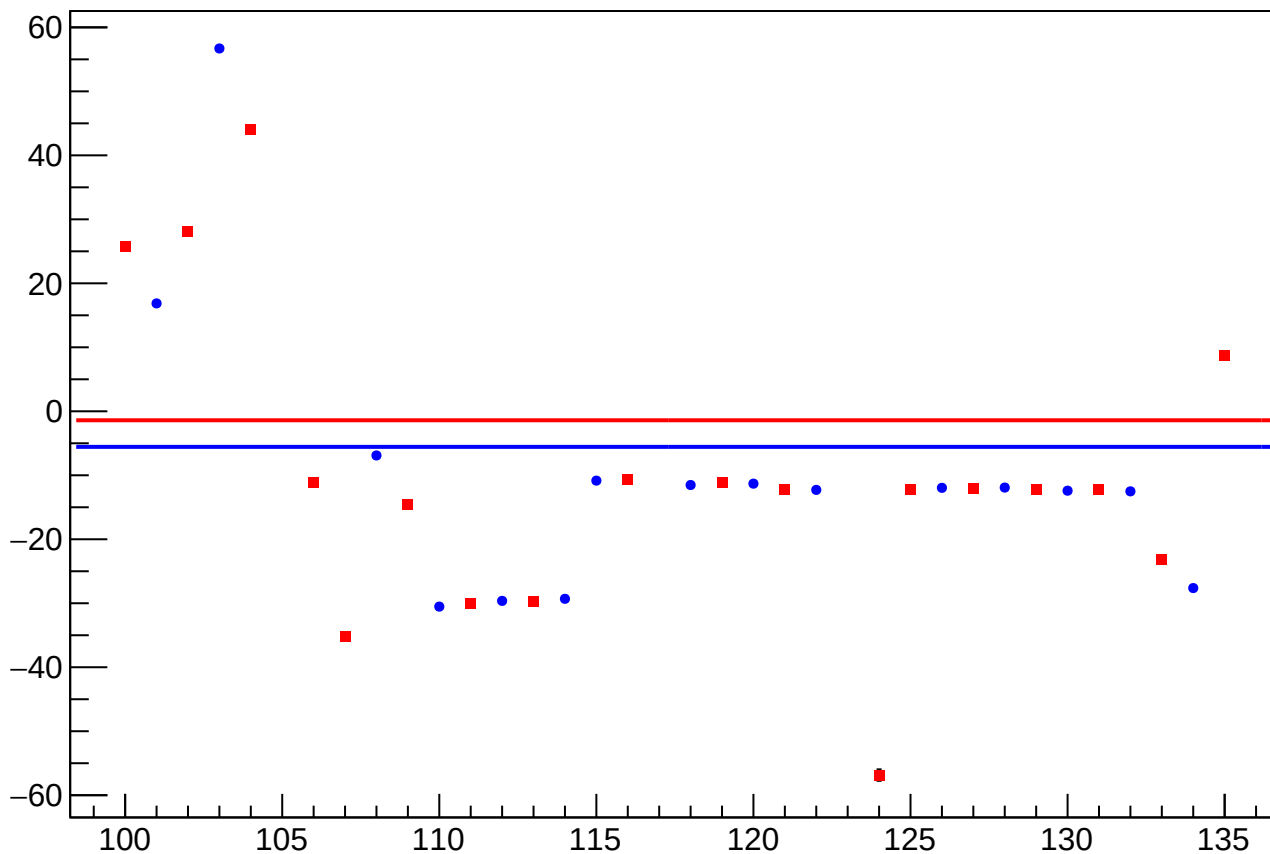
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 12.872 ± 0.474 $\chi^2/\text{NDF}: 592.4/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_atl_dd_atr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -5.559+/-0.044 χ^2/NDF : 334135.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.404+/-0.039 χ^2/NDF : 311416.4/17

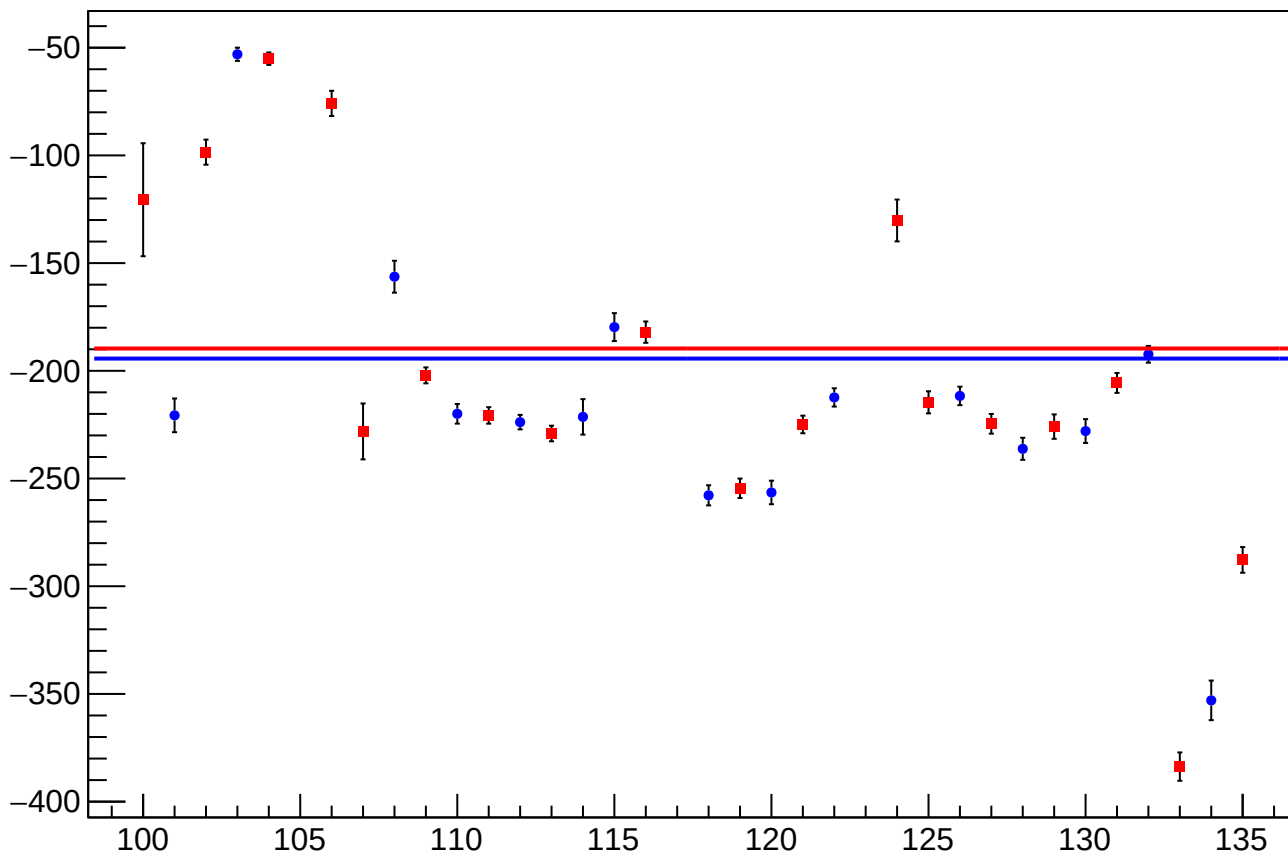
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -3.209+/-0.029 χ^2/NDF : 650504.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -194.323+/-1.236 χ^2/NDF : 3033.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -189.640+/-1.132 χ^2/NDF : 4621.7/17

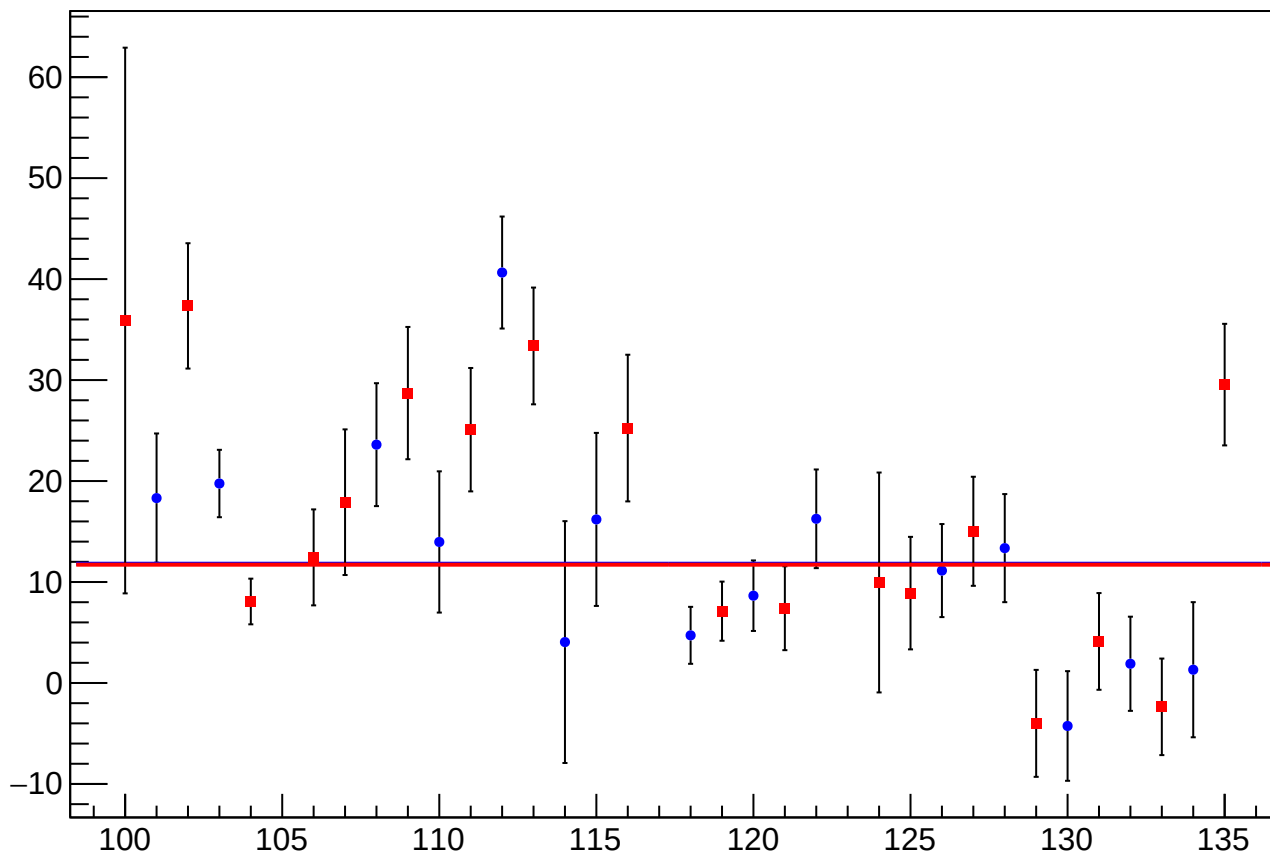
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -191.776+/-0.835 χ^2/NDF : 7663.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 11.811+/-1.242 χ^2/NDF : 62.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.717+/-1.128 χ^2/NDF : 83.2/17

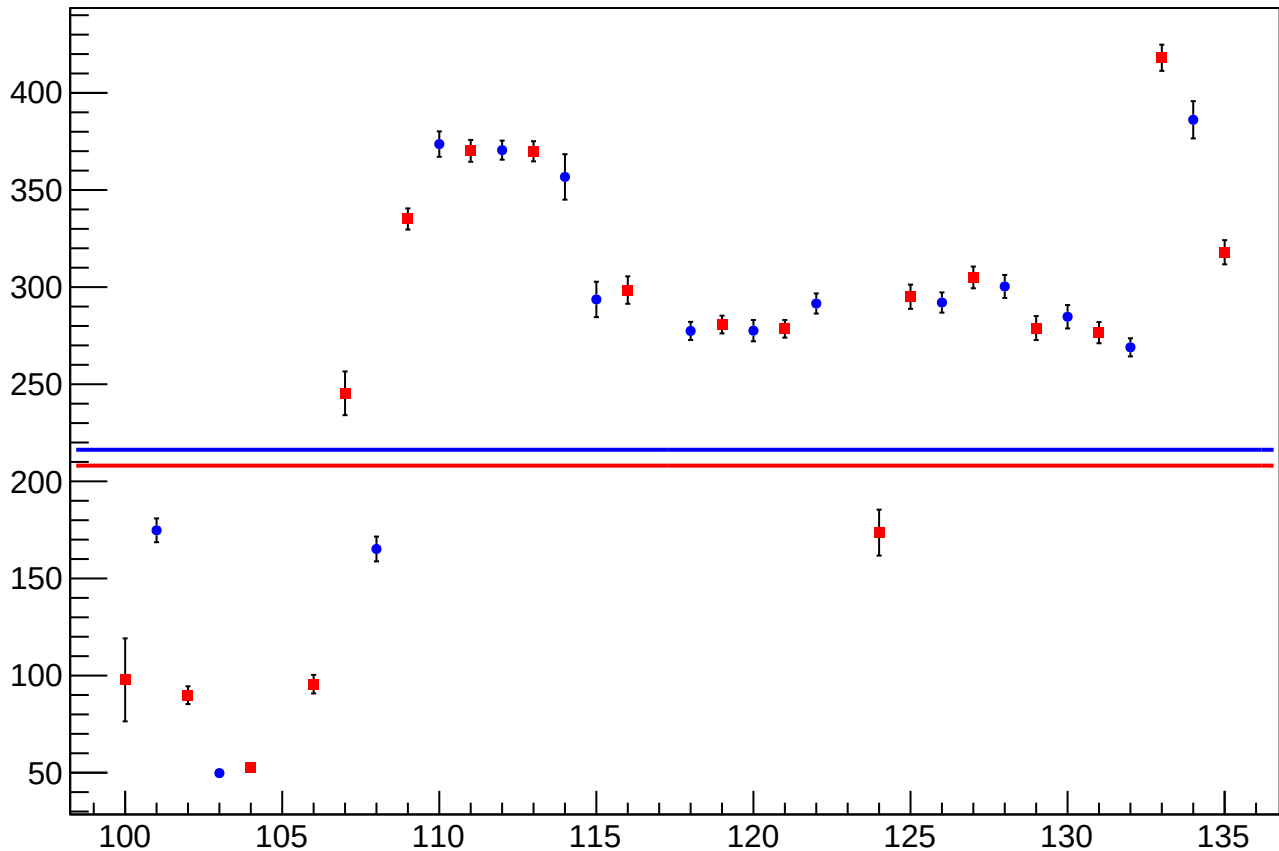
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 11.759+/-0.835 χ^2/NDF : 145.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 216.266+/-1.320 χ^2/NDF : 8157.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 208.096+/-1.207 χ^2/NDF : 11029.6/17

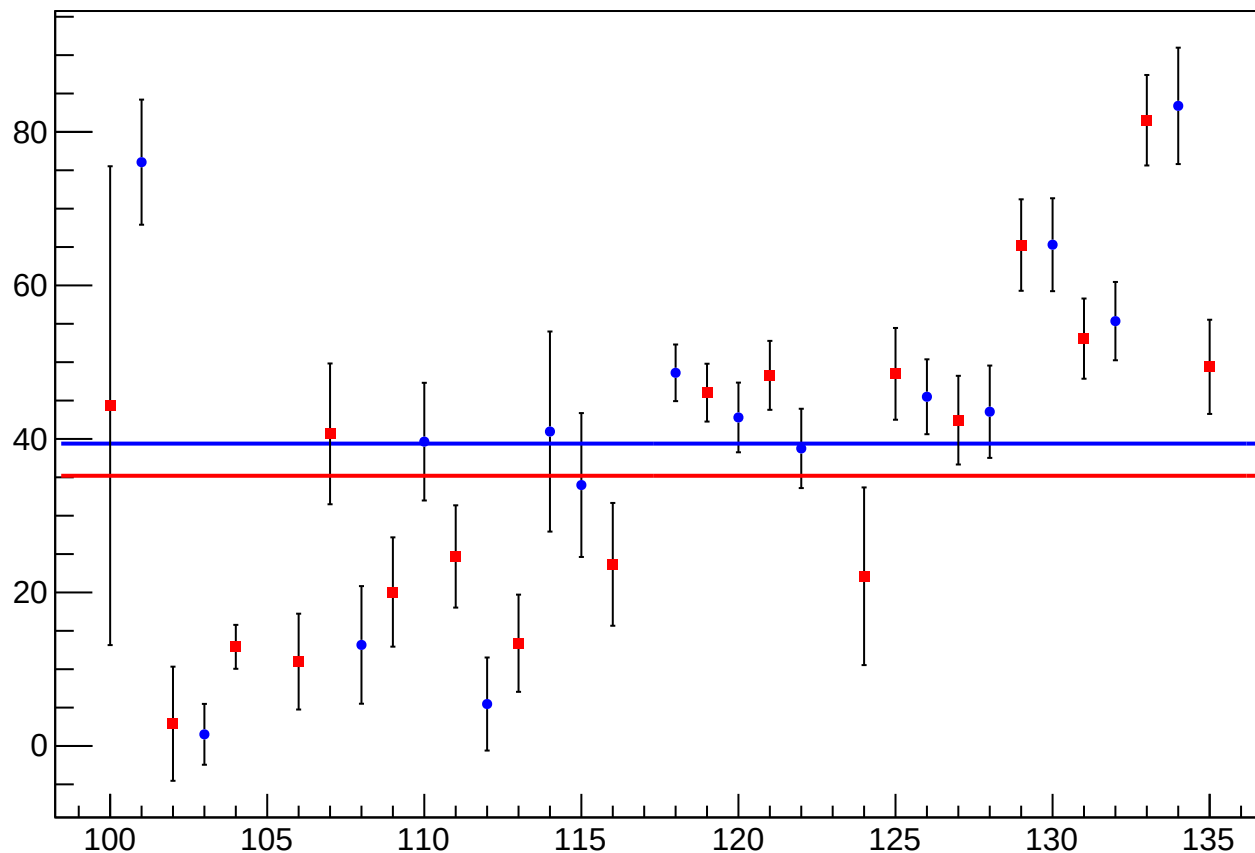
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 211.814+/-0.891 χ^2/NDF : 19208.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 39.392 $\pm$ 1.459 χ^2 /NDF: 225.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 35.201 $\pm$ 1.328 χ^2 /NDF: 244.7/17

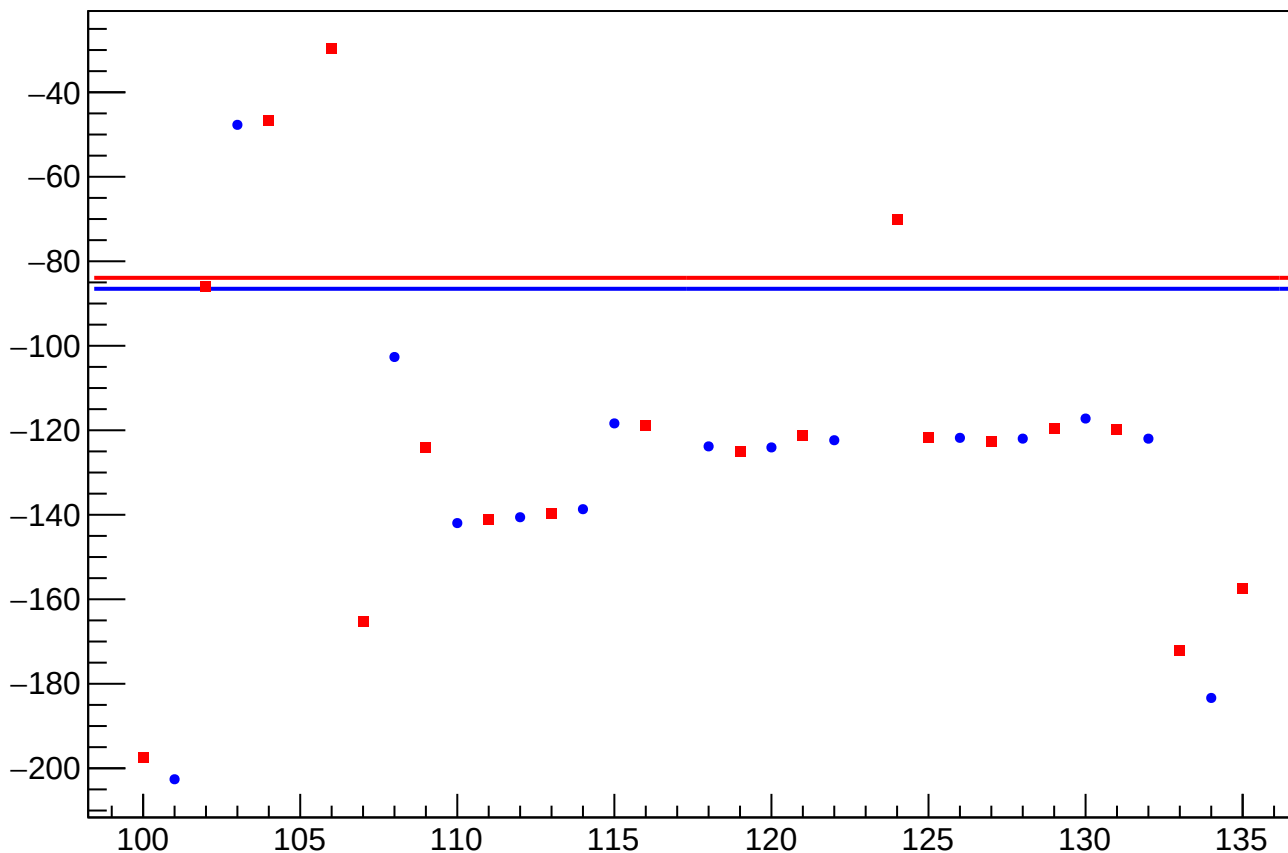
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 37.099 $\pm$ 0.982 χ^2 /NDF: 474.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -86.511+/-0.074 χ^2/NDF : 402364.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -83.917+/-0.068 χ^2/NDF : 453121.3/17

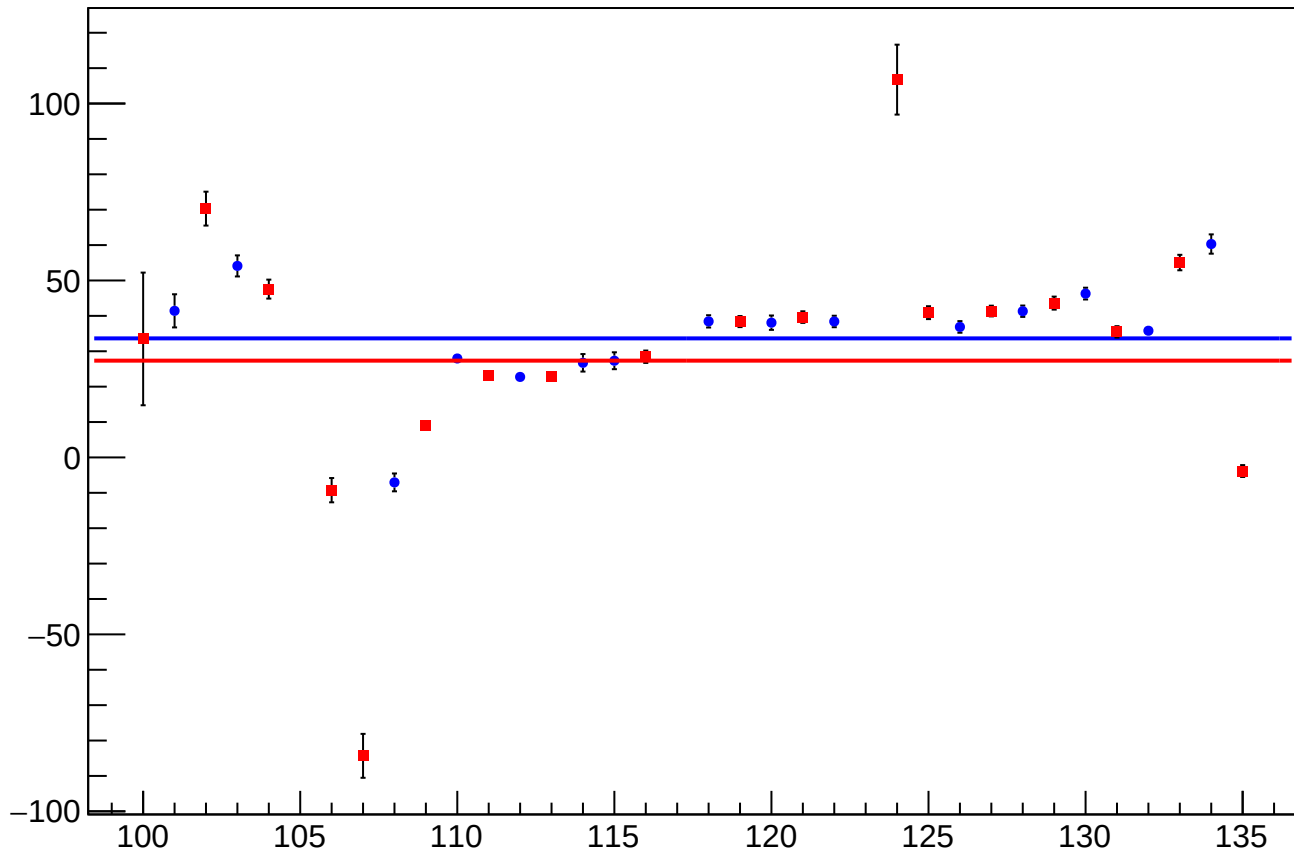
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -85.097+/-0.050 χ^2/NDF : 856152.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 33.639 $\pm$ 0.456 χ^2 /NDF: 643.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 27.348 $\pm$ 0.420 χ^2 /NDF: 1814.7/17

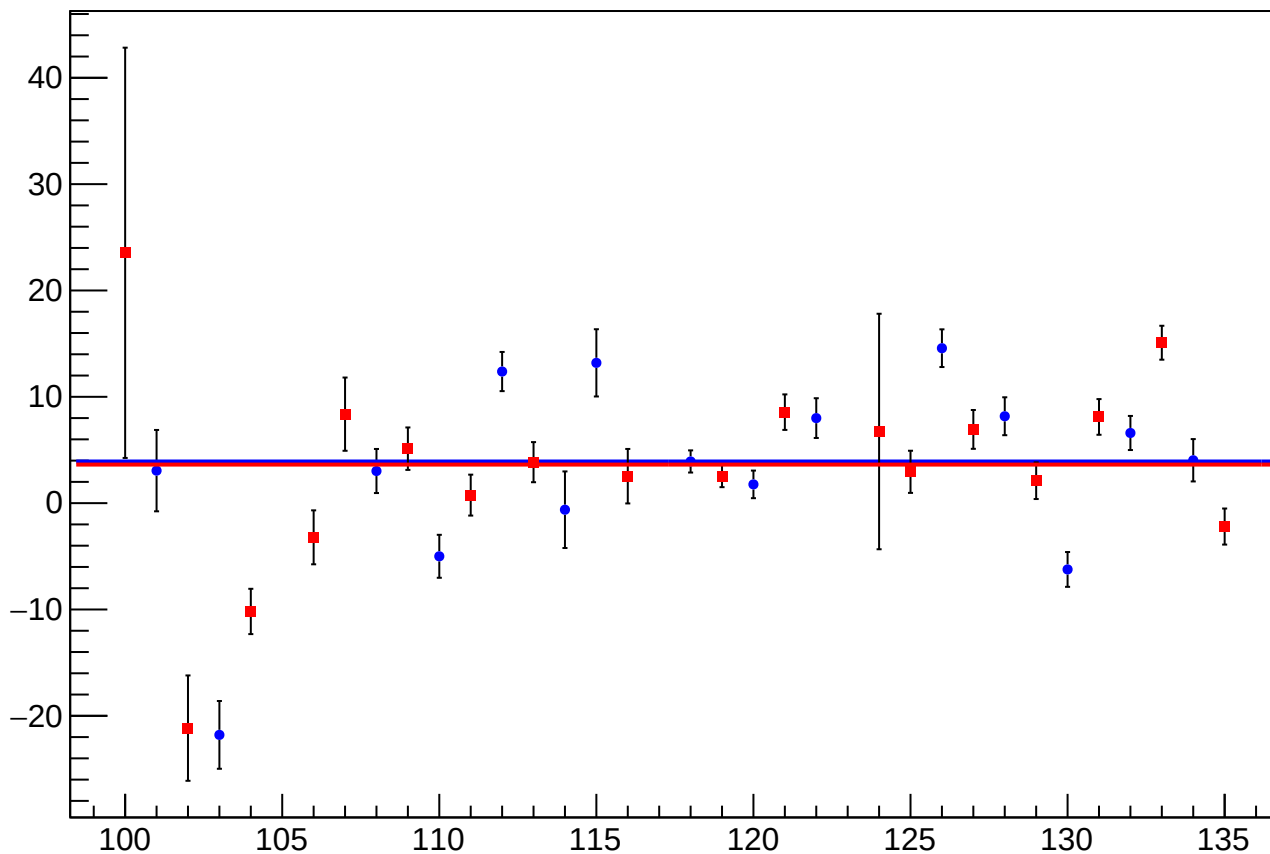
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 30.238 $\pm$ 0.309 χ^2 /NDF: 2561.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.917 $\pm$ 0.468 χ^2 /NDF: 206.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.627 $\pm$ 0.459 χ^2 /NDF: 164.9/17

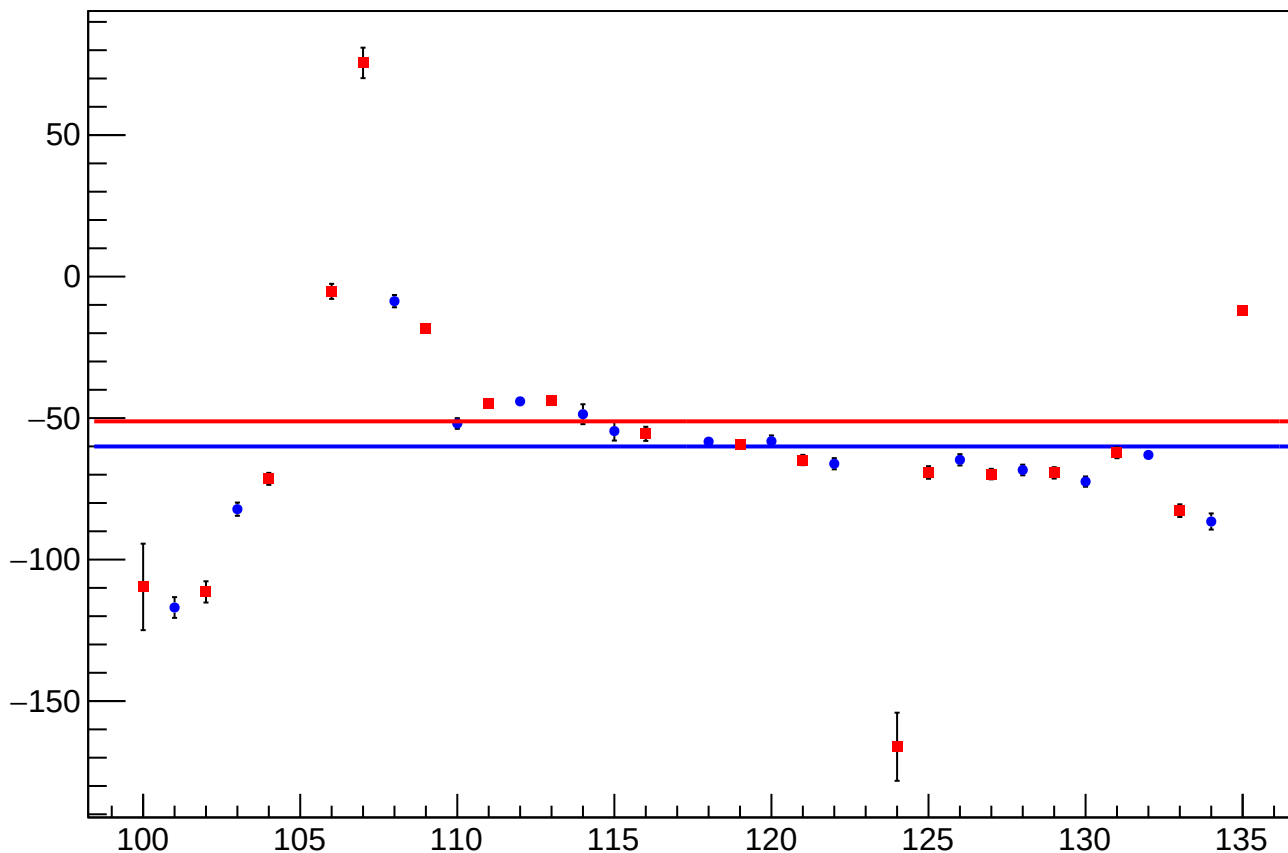
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.770 $\pm$ 0.328 χ^2 /NDF: 371.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -60.027 ± 0.537 χ^2/NDF : 1186.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.149 ± 0.505 χ^2/NDF : 2823.6/17

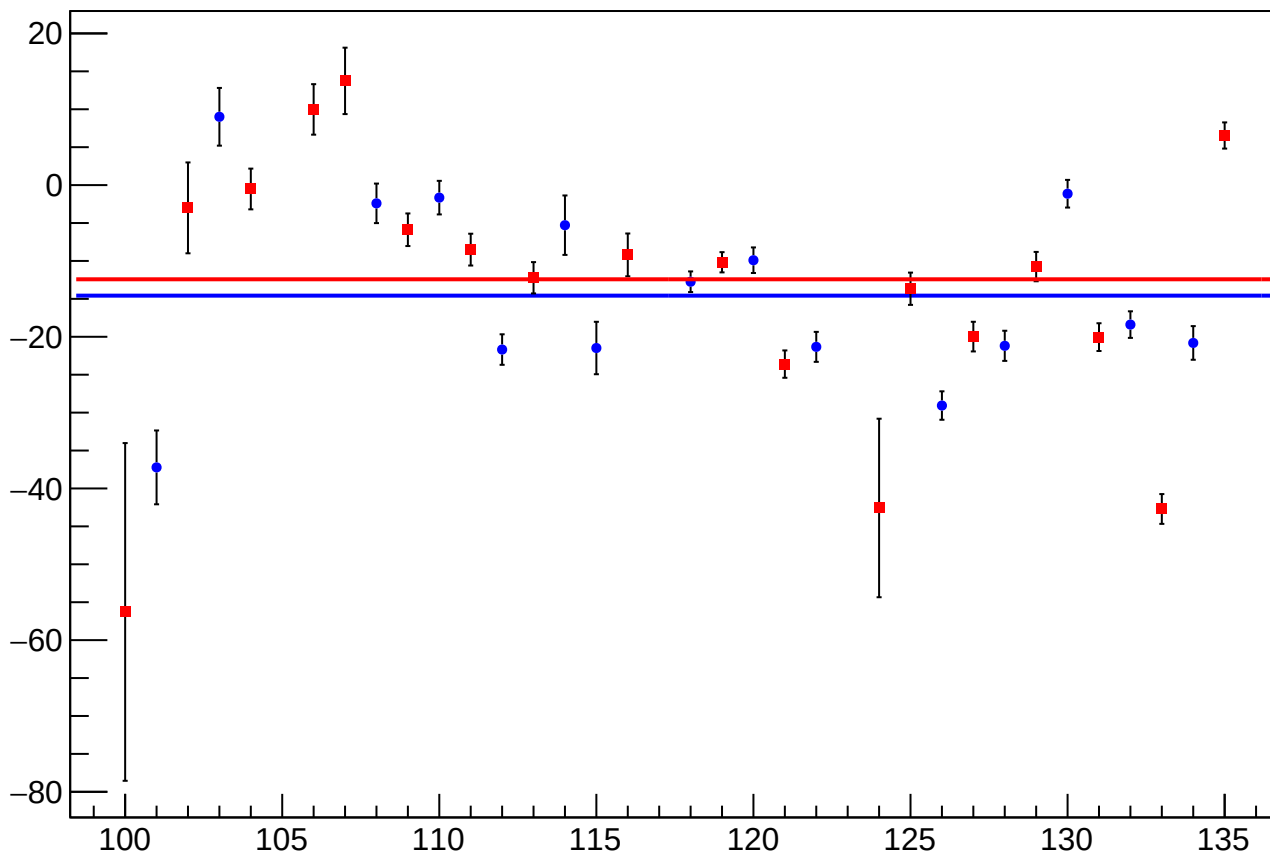
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.317 ± 0.368 χ^2/NDF : 4155.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -14.575 ± 0.545 χ^2/NDF : 296.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.419 ± 0.525 χ^2/NDF : 560.4/17

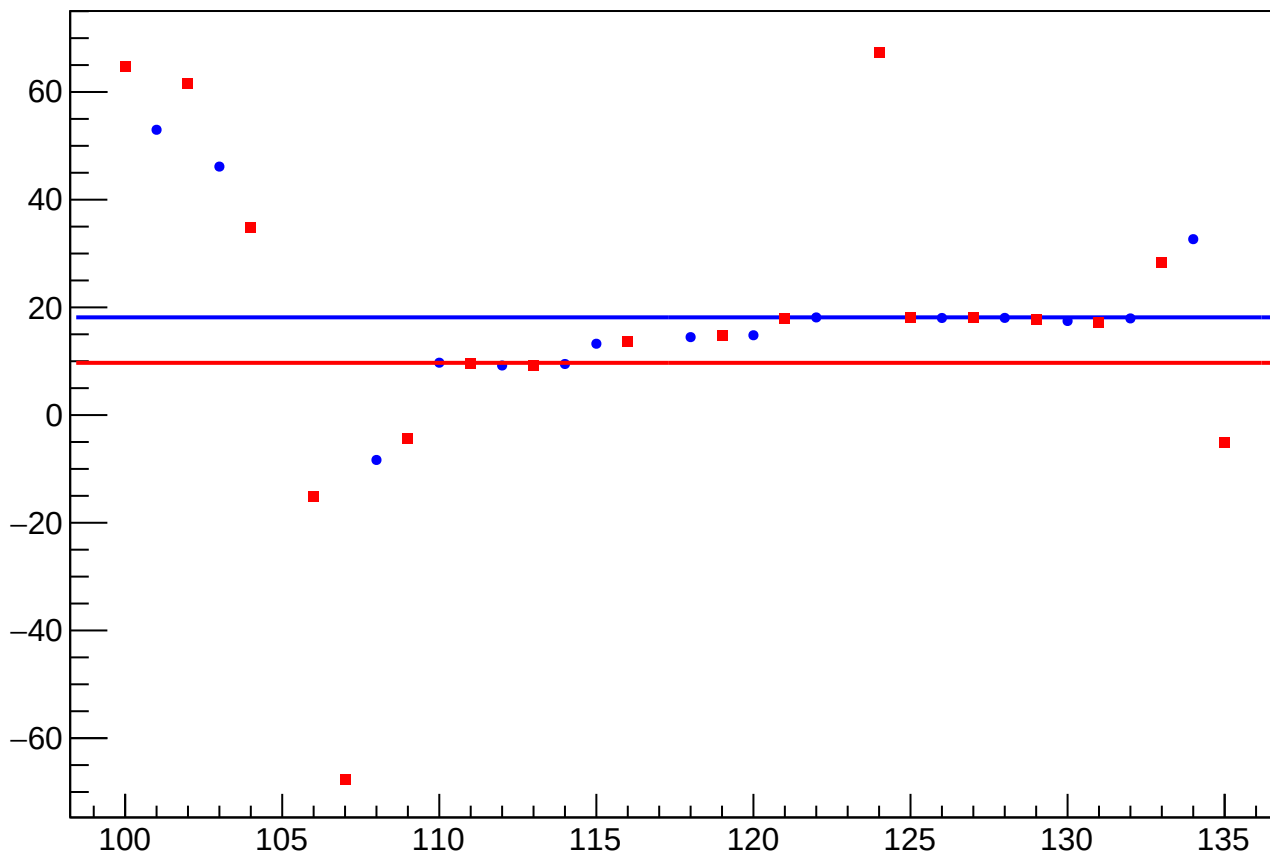
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.457 ± 0.378 χ^2/NDF : 865.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl_avg_atr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 18.149+/-0.036 χ^2/NDF : 224108.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.700+/-0.033 χ^2/NDF : 422400.5/17

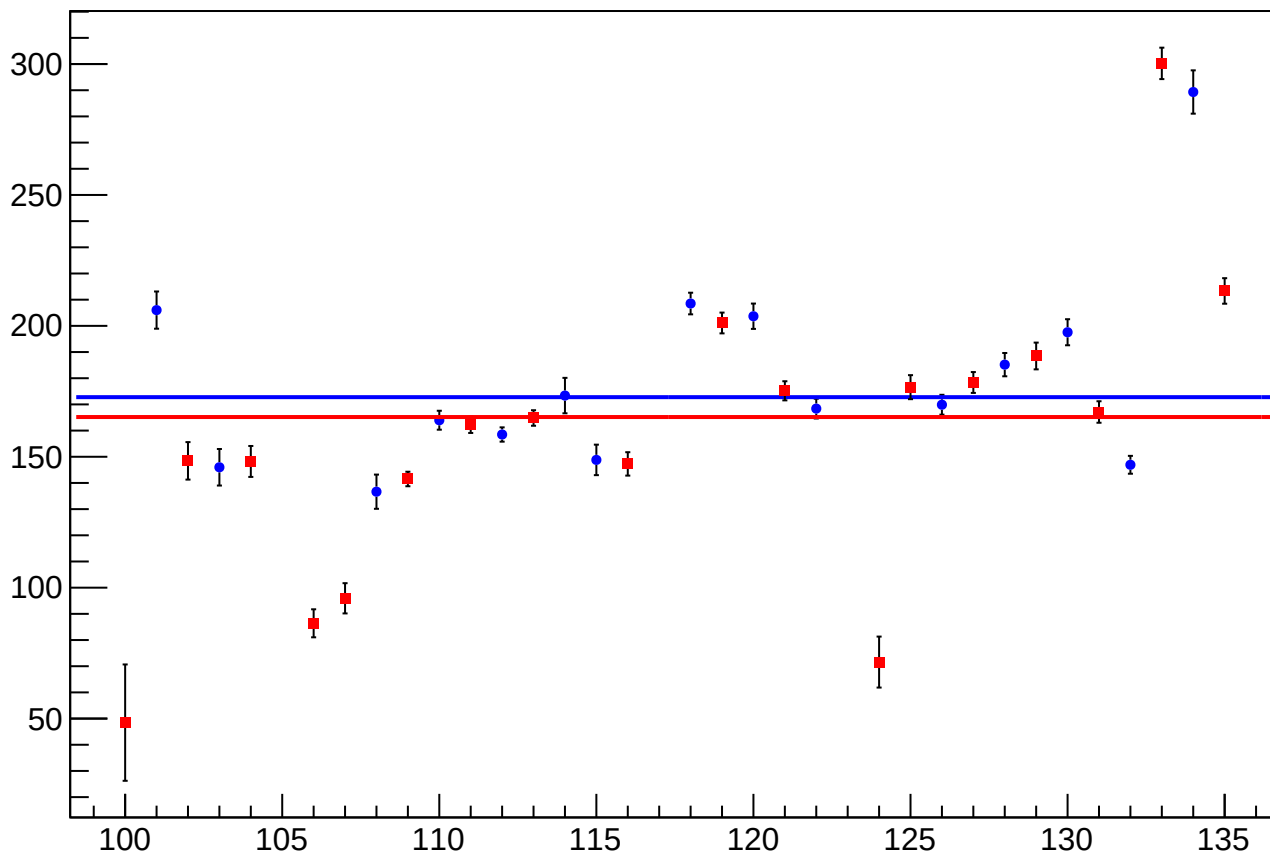
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.540+/-0.024 χ^2/NDF : 677113.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm1X_slope vs Slug



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.176+/-1.032 χ^2/NDF : 1315.9/17

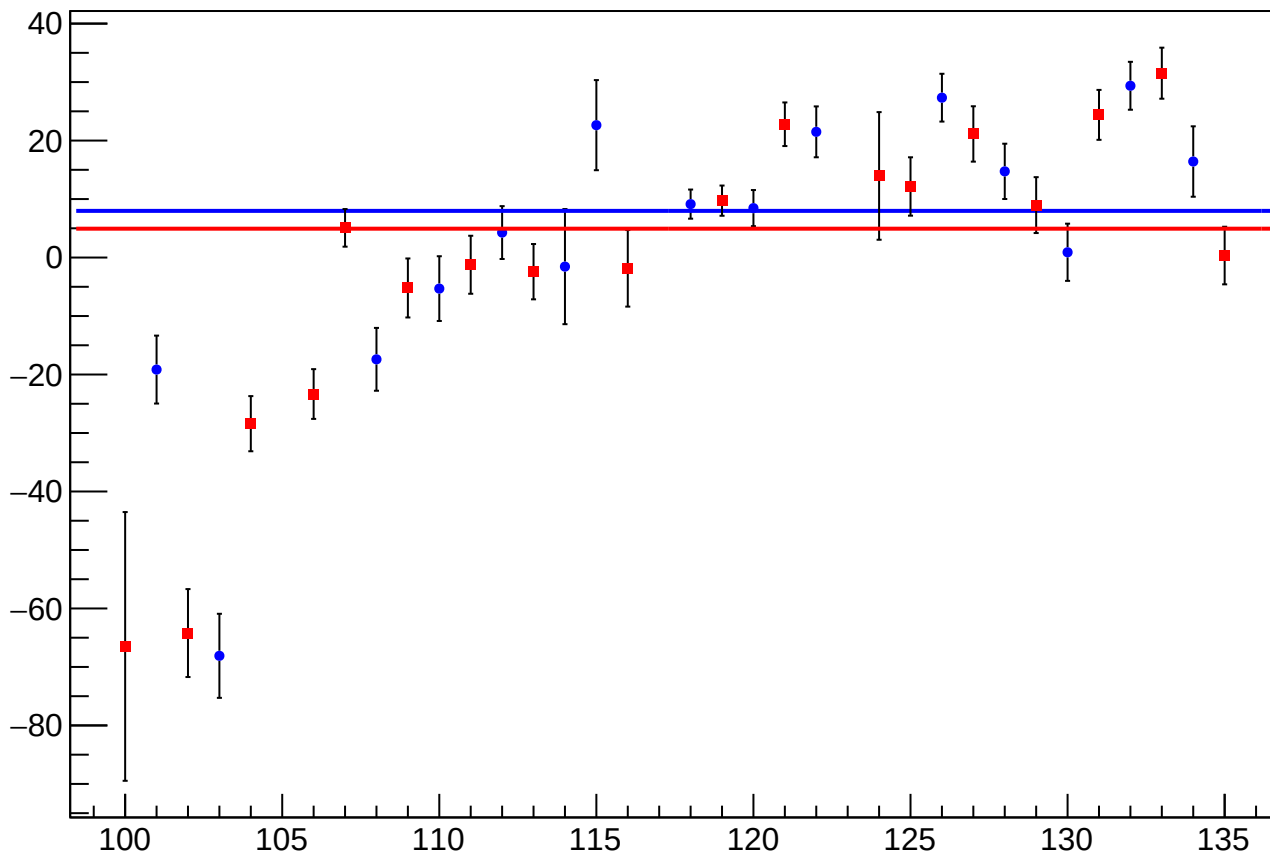
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.566+/-0.767 χ^2/NDF : 1863.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 7.979 $\pm$ 1.159 χ^2 /NDF: 232.9/14

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

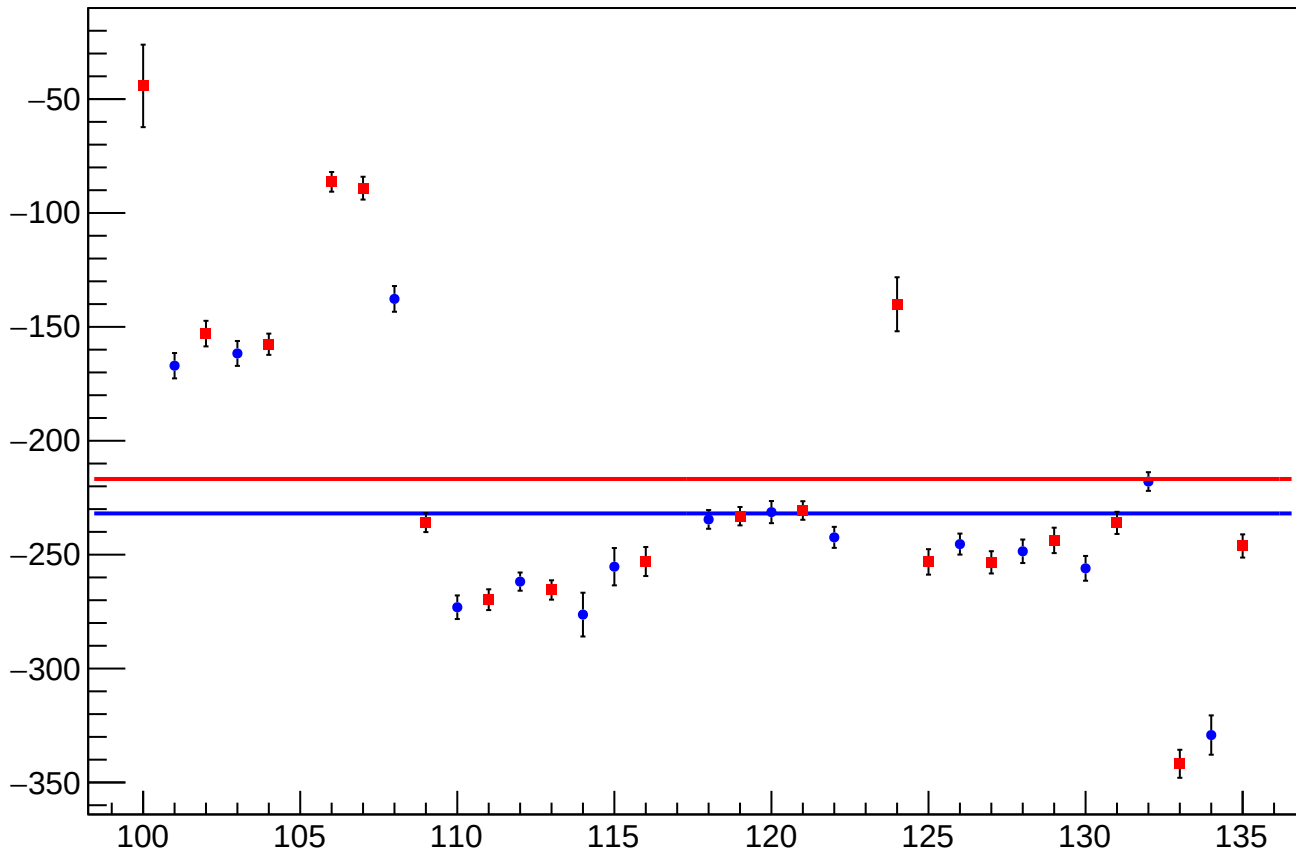
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.337 $\pm$ 0.786 χ^2 /NDF: 534.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.774+/-1.193 χ^2/NDF : 2918.5/17

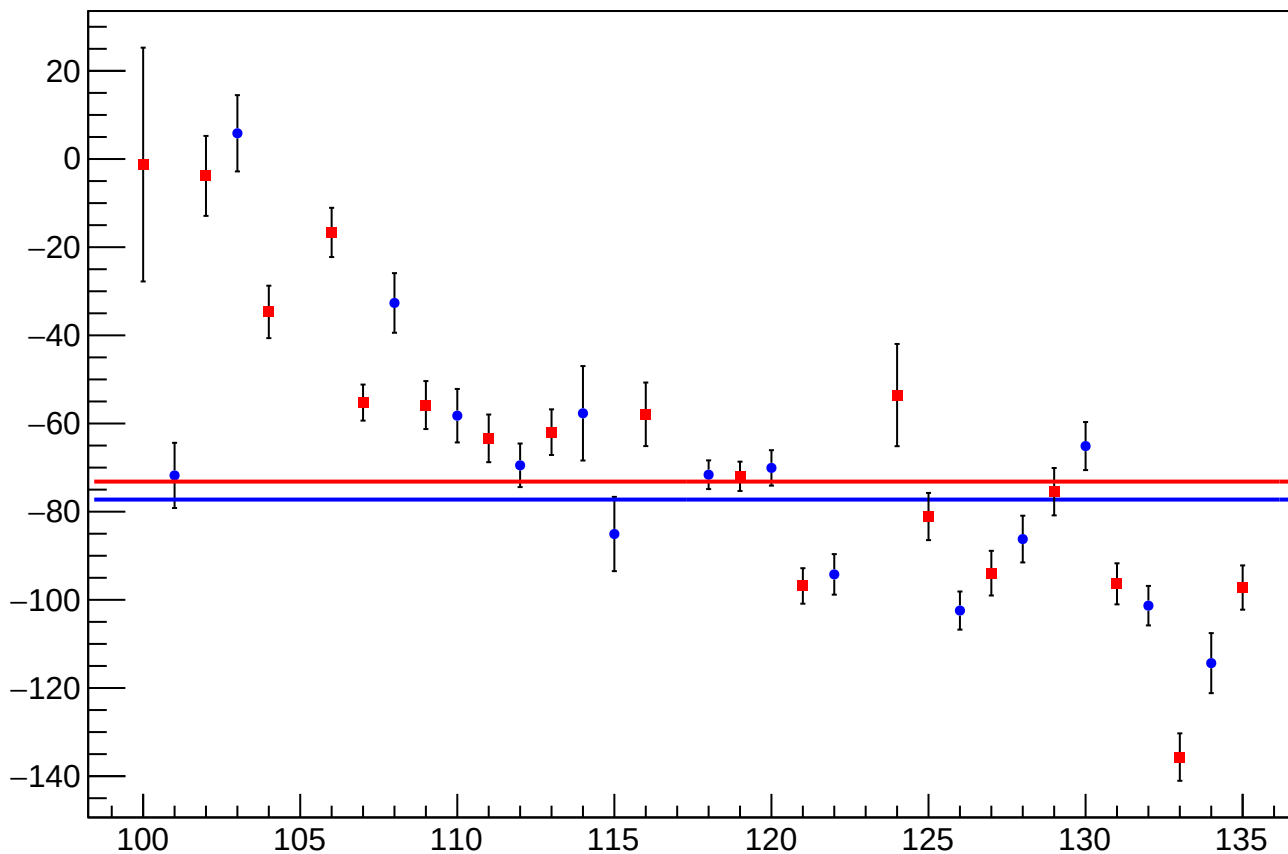
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.498+/-0.889 χ^2/NDF : 3900.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.177+/-1.244 χ^2/NDF : 491.4/17

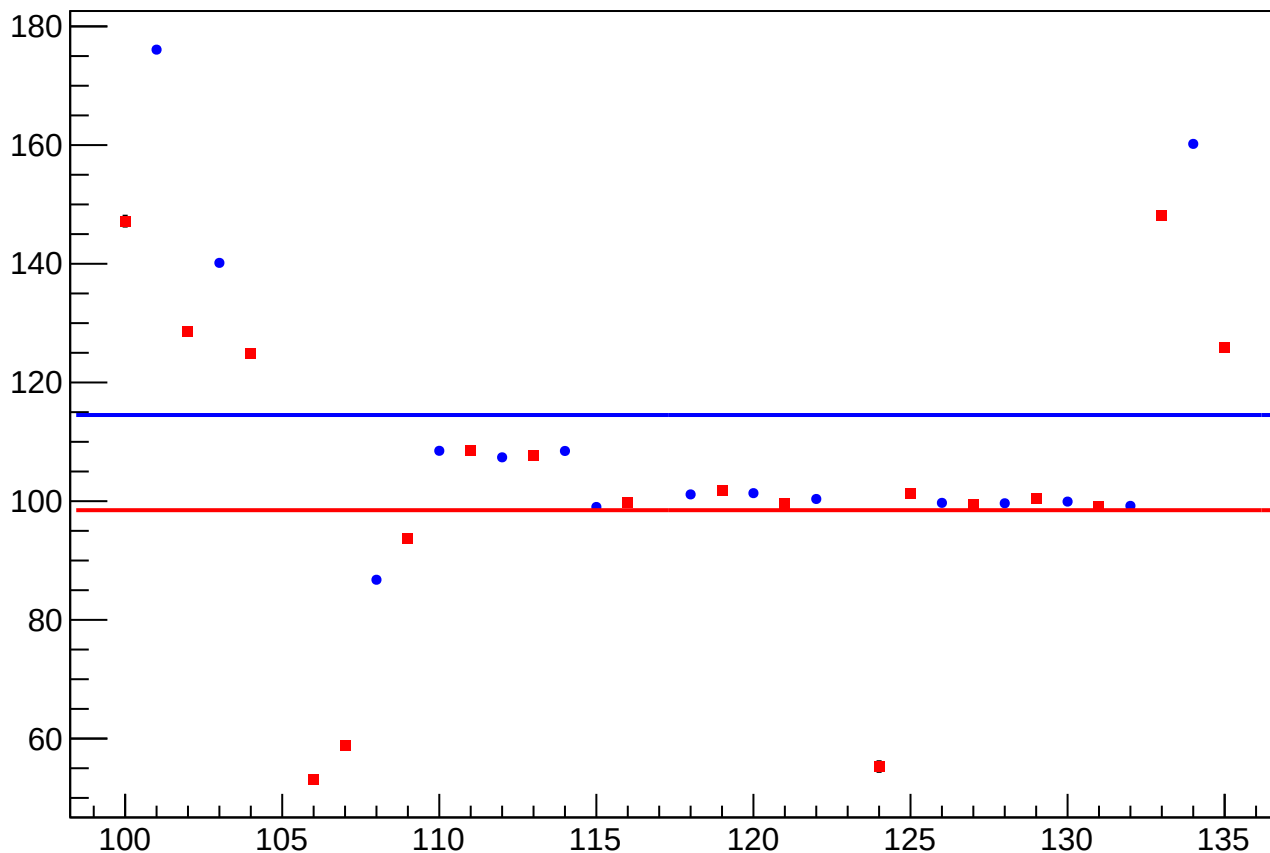
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.036+/-0.917 χ^2/NDF : 769.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_avg_at2_avg_dd_diff_bpm12X_slope vs Slug



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.481+/-0.072 χ^2/NDF : 160134.6/17

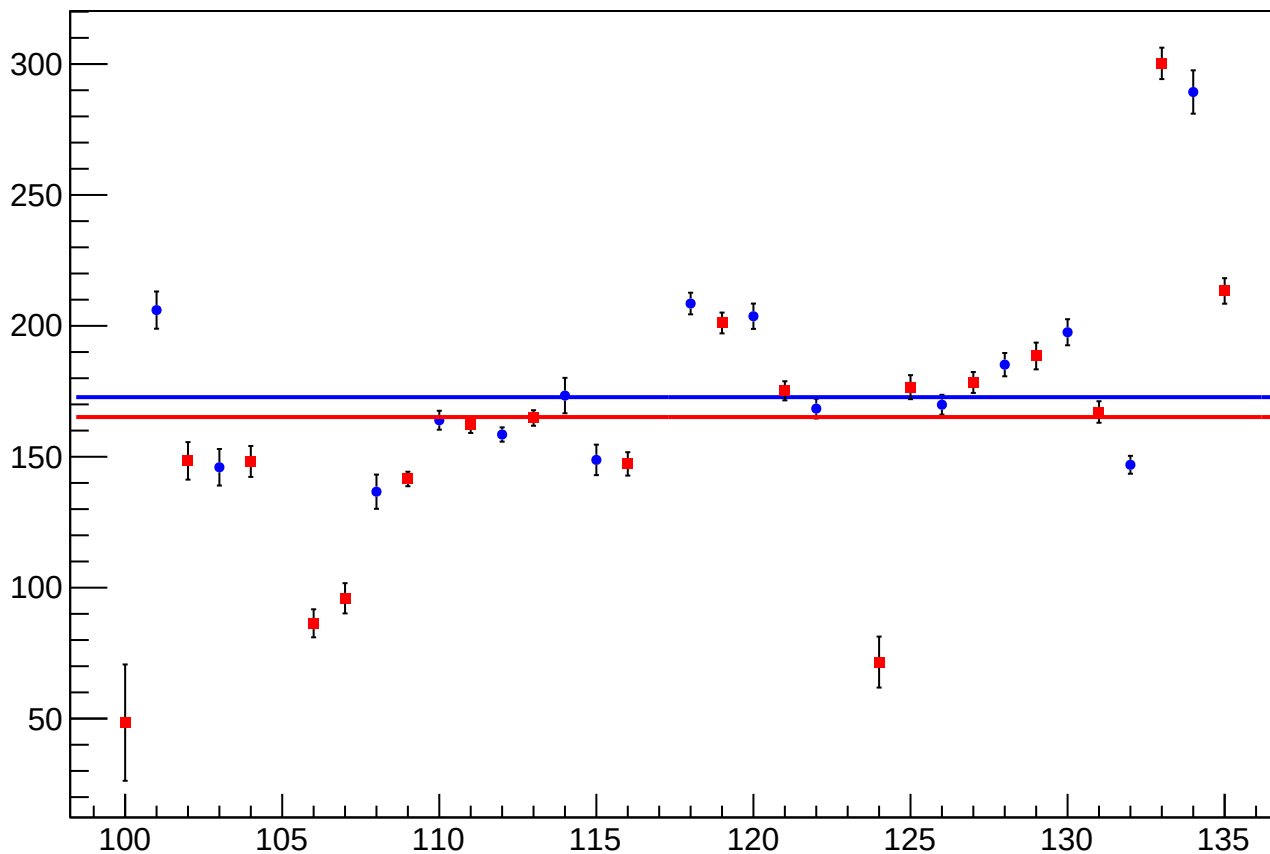
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.788+/-0.056 χ^2/NDF : 269729.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm1X_slope vs Slug



Right In: 172.769+/-1.148 χ^2/NDF : 523.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 165.176+/-1.032 χ^2/NDF : 1315.9/17

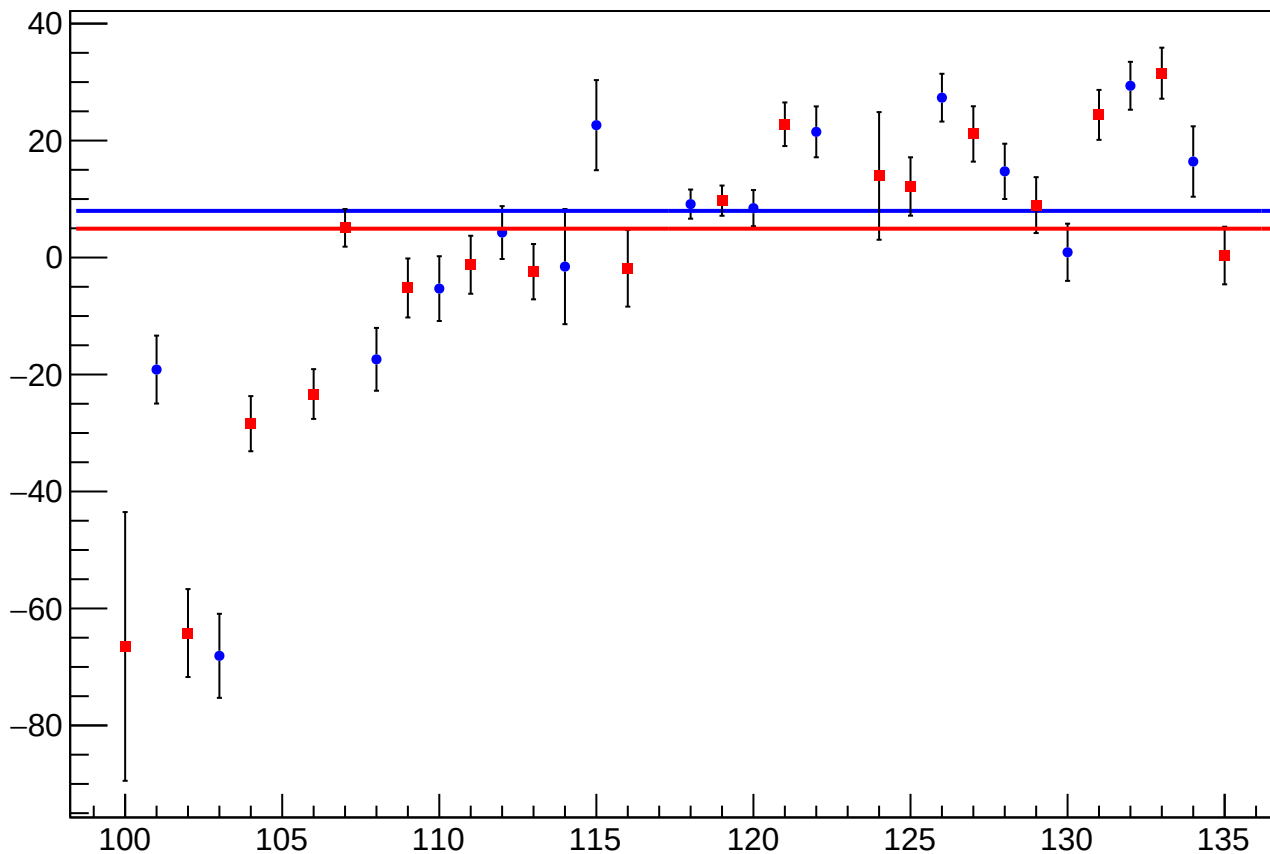
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 168.566+/-0.767 χ^2/NDF : 1863.5/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 7.979+/-1.159 χ^2/NDF : 232.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 4.934+/-1.071 χ^2/NDF : 297.8/17

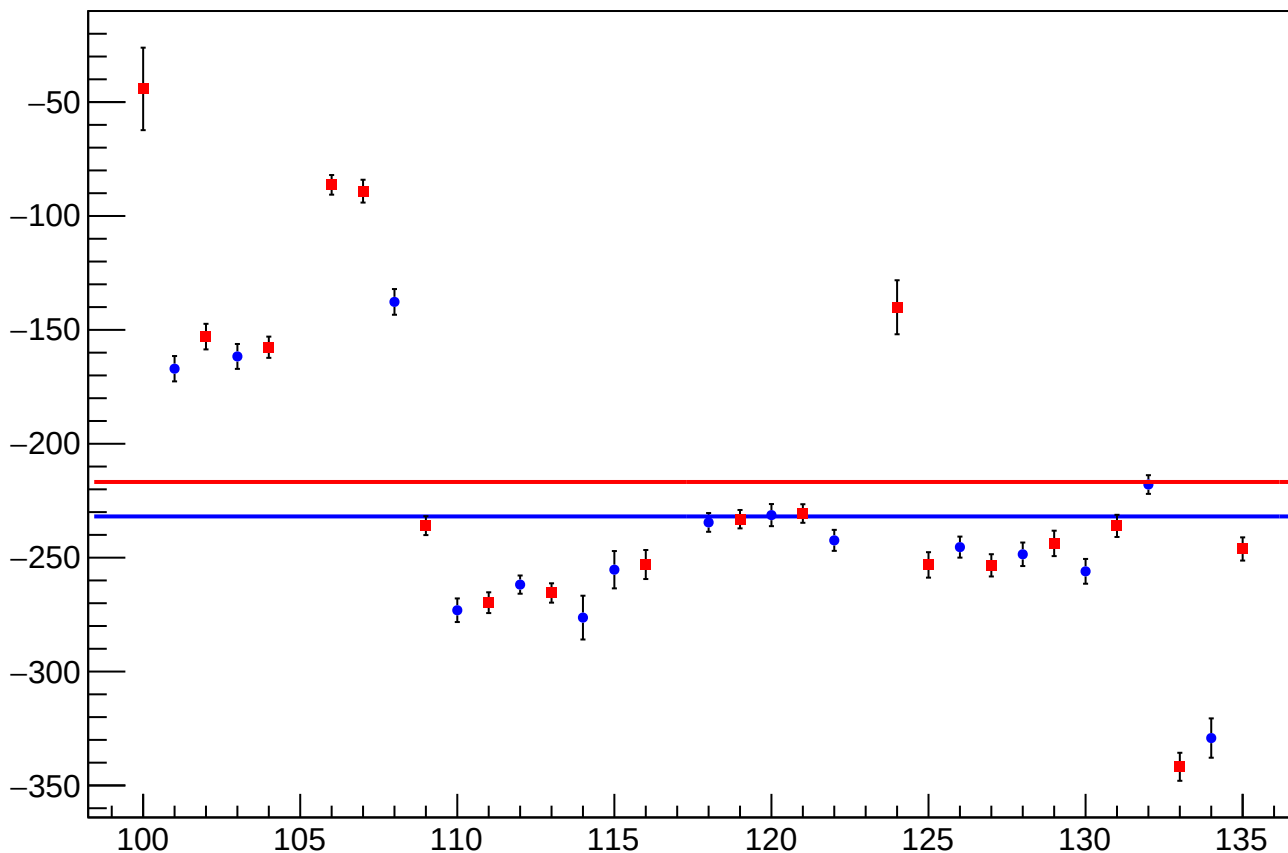
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 6.337+/-0.786 χ^2/NDF : 534.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -231.901+/-1.334 χ^2/NDF : 910.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -216.774+/-1.193 χ^2/NDF : 2918.5/17

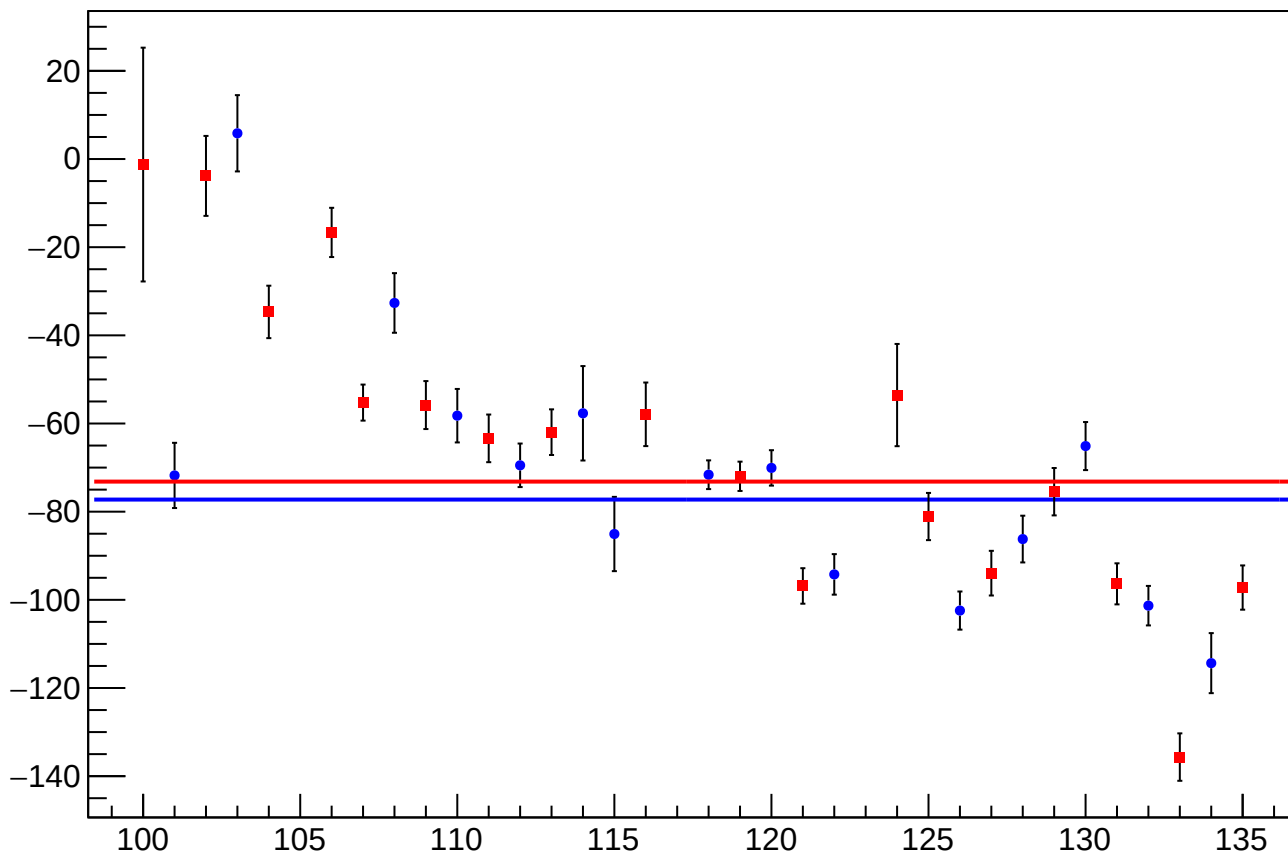
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -223.498+/-0.889 χ^2/NDF : 3900.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm4eY_slope vs Slug



Right In: -77.255+/-1.358 χ^2/NDF : 272.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -73.177+/-1.244 χ^2/NDF : 491.4/17

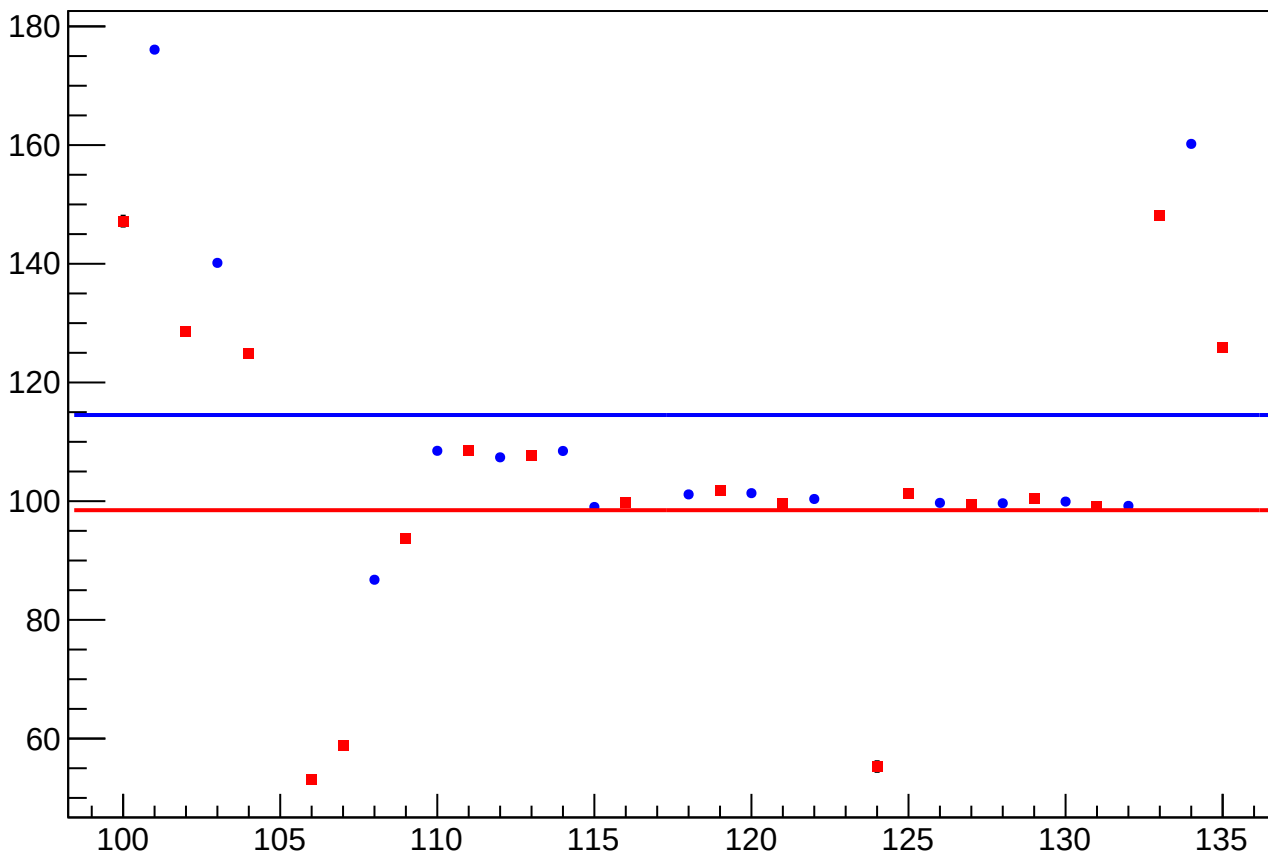
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -75.036+/-0.917 χ^2/NDF : 769.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_dd_diff_bpm12X_slope vs Slug



Right In: 114.518+/-0.089 χ^2/NDF : 89951.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 98.481+/-0.072 χ^2/NDF : 160134.6/17

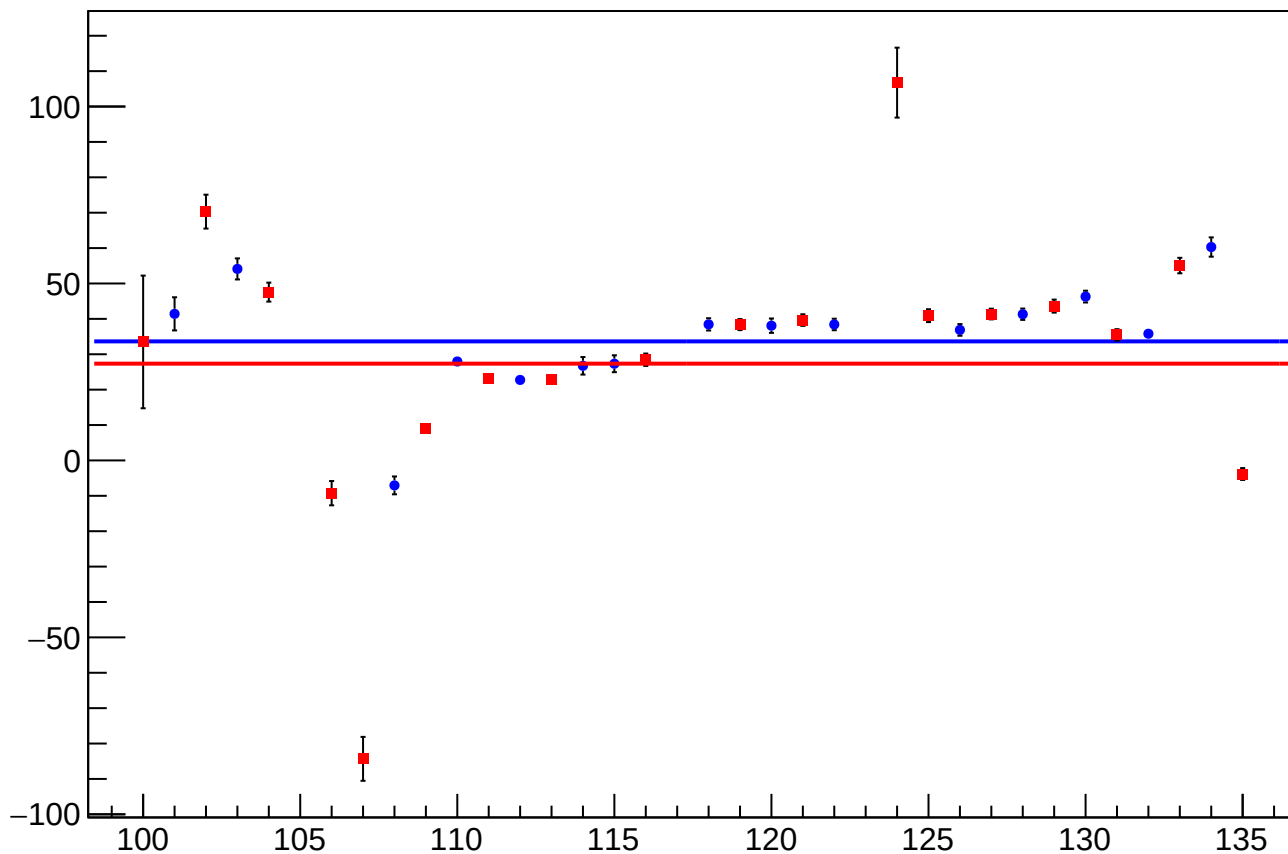
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 104.788+/-0.056 χ^2/NDF : 269729.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm1X_slope vs Slug



Right In: 33.639+/-0.456 χ^2 /NDF: 643.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF: 0.0/0

Right Out: 27.348+/-0.420 χ^2 /NDF: 1814.7/17

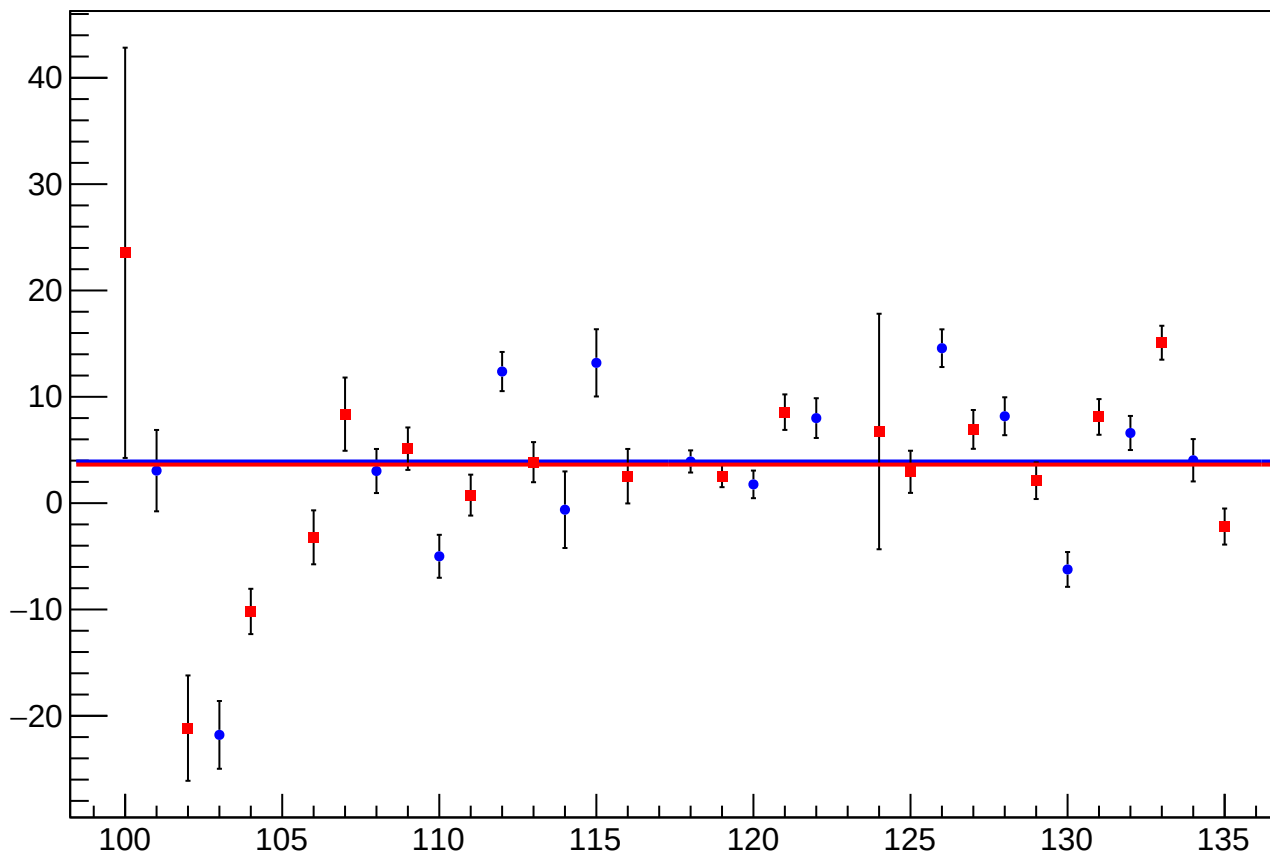
Left In: 0.000+/-0.000 χ^2 /NDF: 0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 30.238+/-0.309 χ^2 /NDF: 2561.1/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.917 $\pm$ 0.468 χ^2 /NDF: 206.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 3.627 $\pm$ 0.459 χ^2 /NDF: 164.9/17

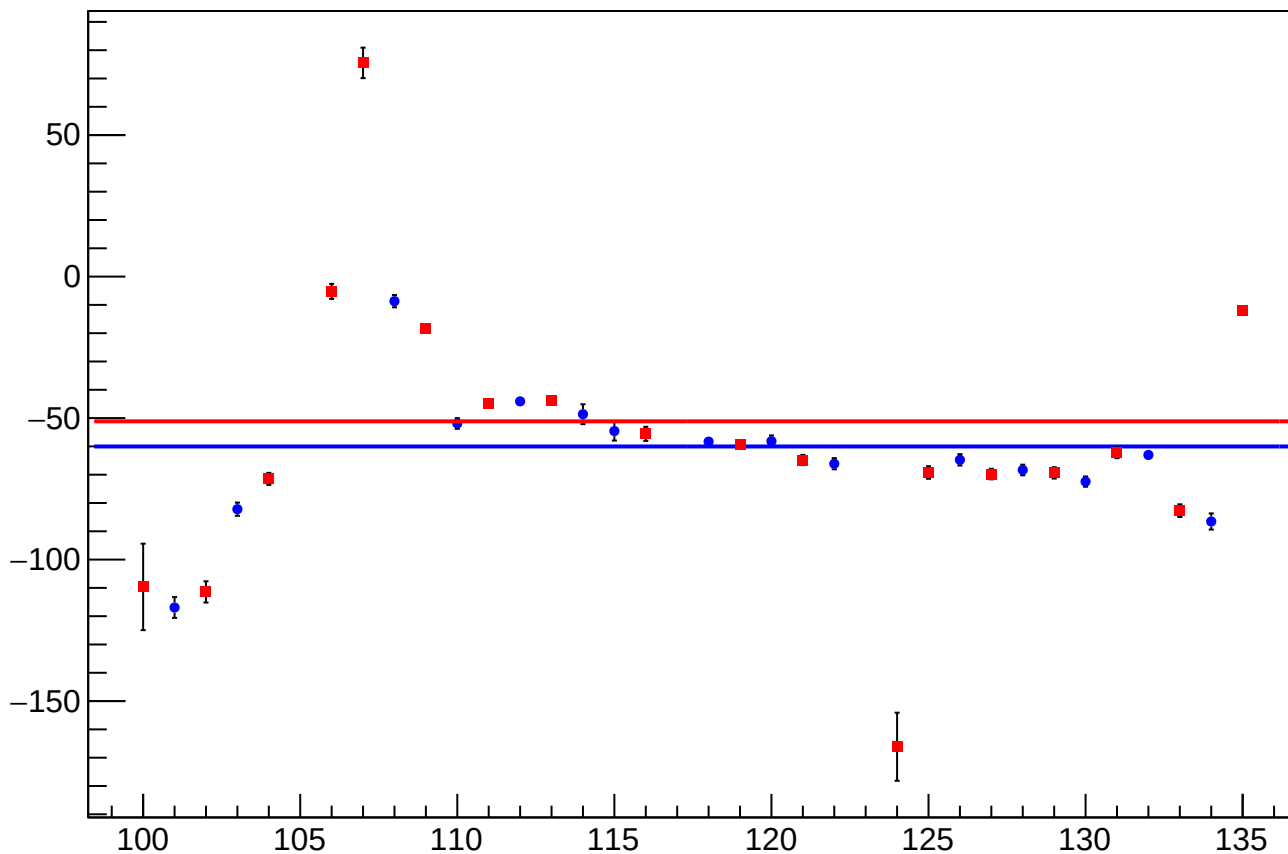
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 3.770 $\pm$ 0.328 χ^2 /NDF: 371.8/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -60.027 ± 0.537 χ^2/NDF : 1186.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -51.149 ± 0.505 χ^2/NDF : 2823.6/17

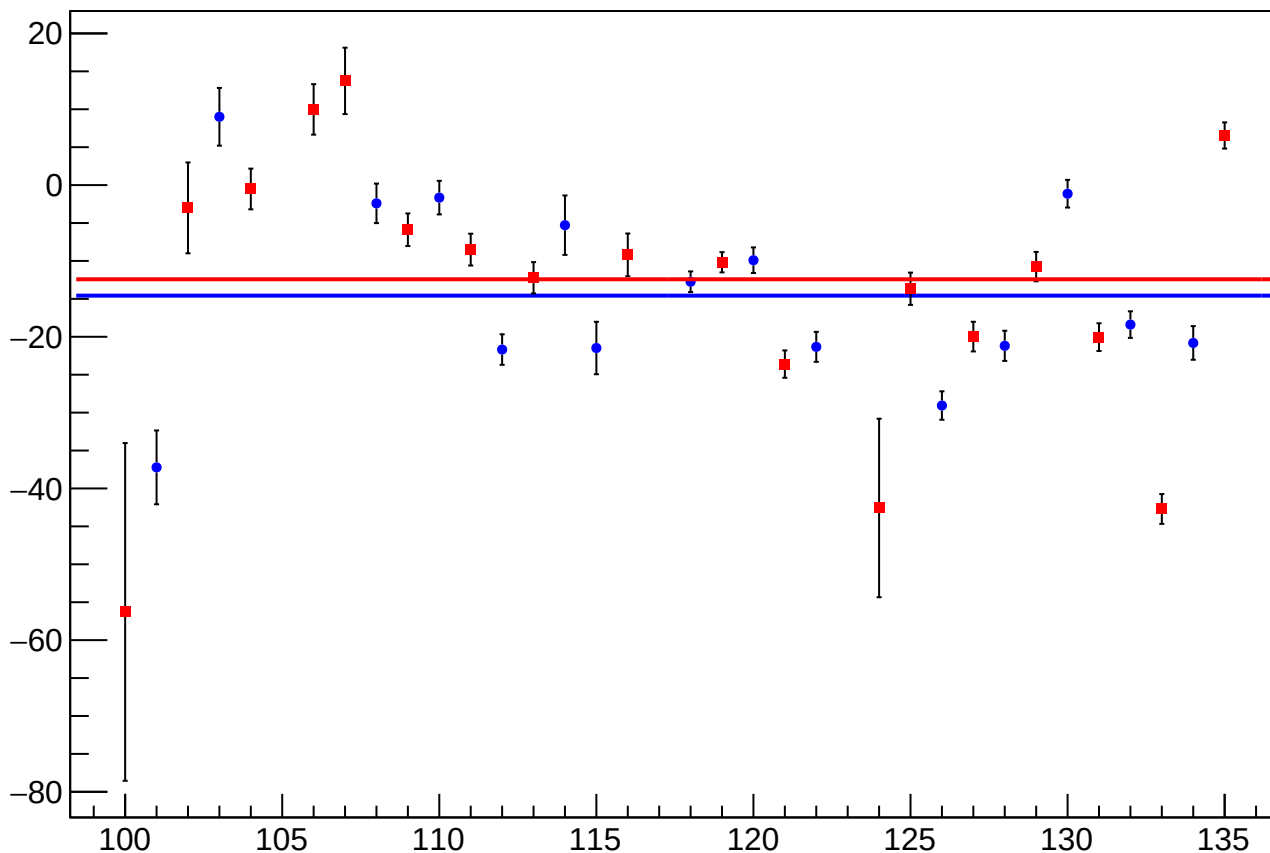
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -55.317 ± 0.368 χ^2/NDF : 4155.7/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -14.575 ± 0.545 χ^2/NDF : 296.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -12.419 ± 0.525 χ^2/NDF : 560.4/17

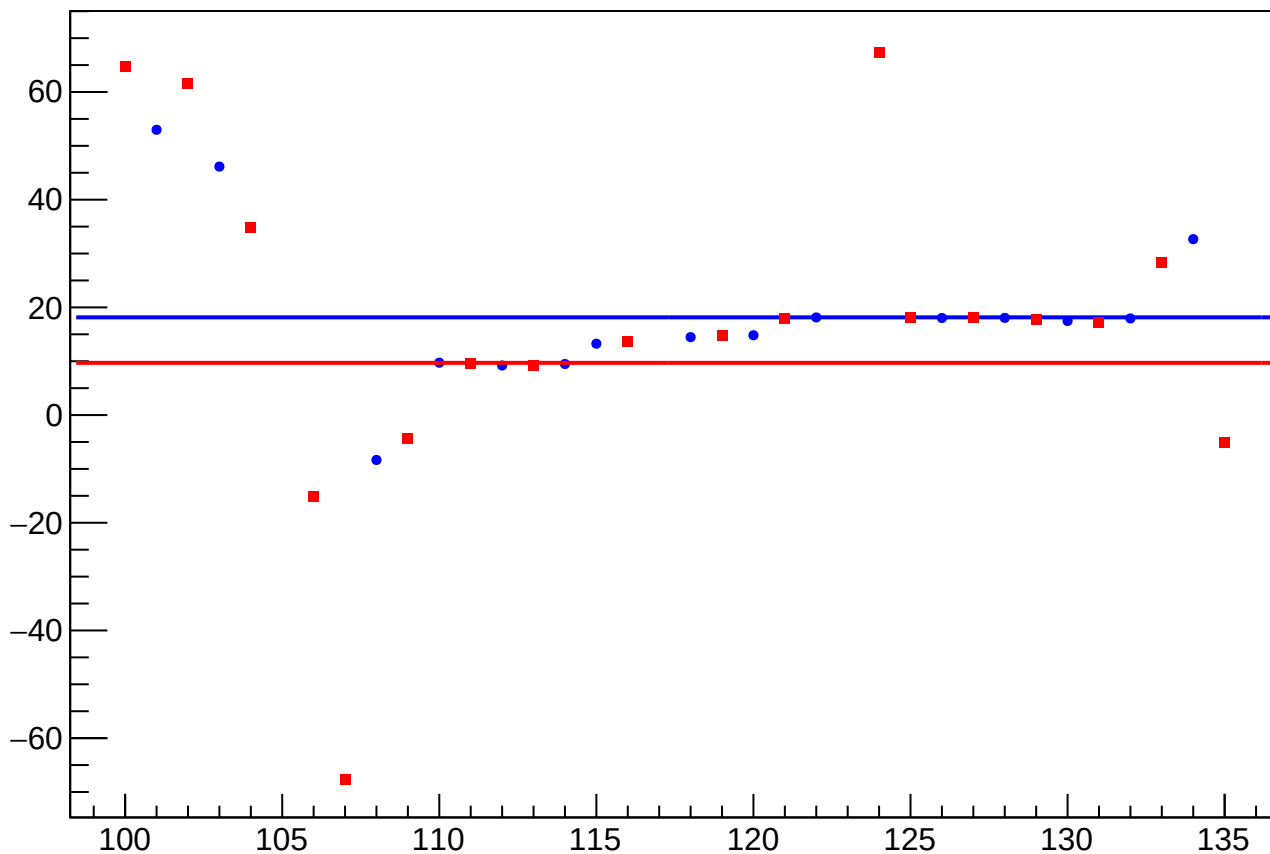
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -13.457 ± 0.378 χ^2/NDF : 865.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_atl1r2_dd_atl2r1_dd_avg_diff_bpm12X_slope vs Slug



Right In: 18.149 ± 0.036 $\chi^2/\text{NDF}: 224108.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: 9.700 ± 0.033 $\chi^2/\text{NDF}: 422400.5/17$

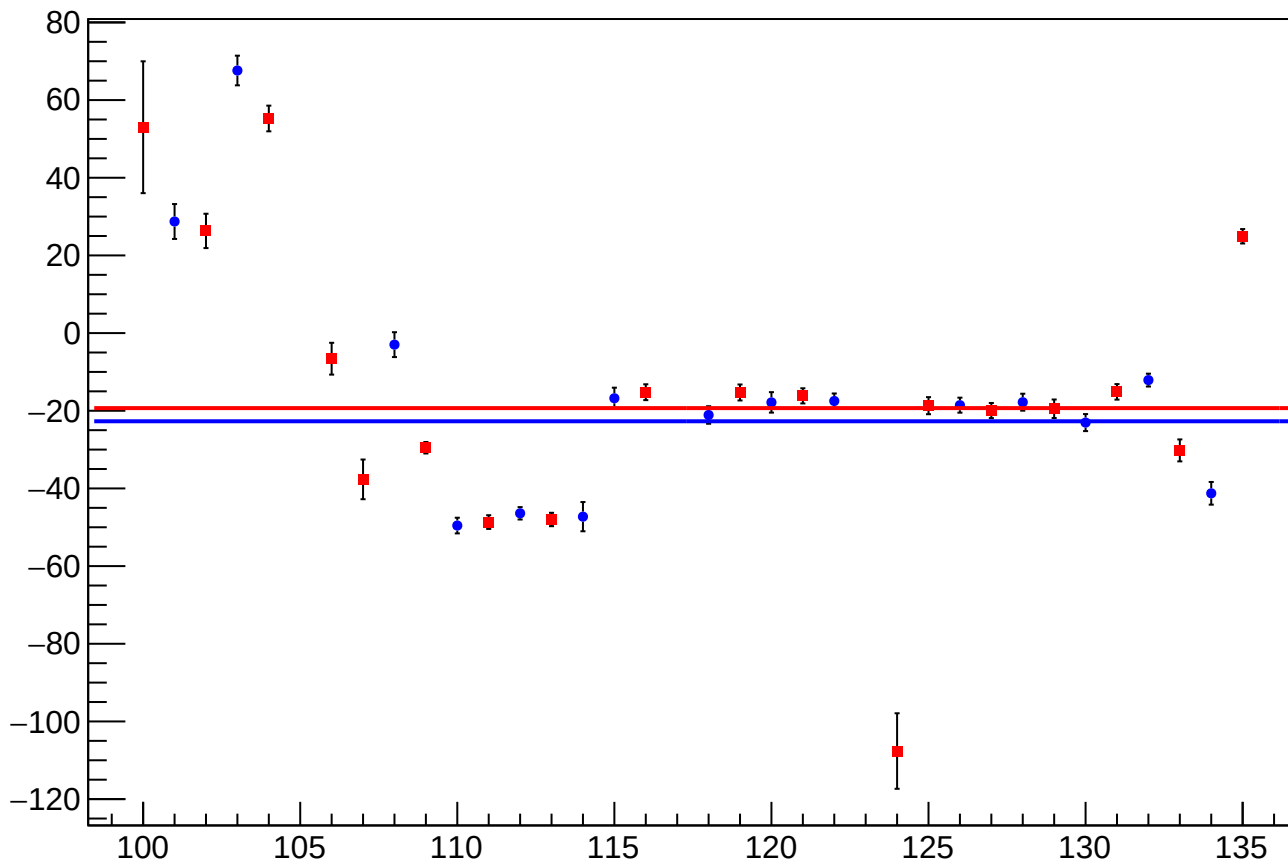
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: 13.540 ± 0.024 $\chi^2/\text{NDF}: 677113.9/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_at2_dd_avg_diff_bpm1X_slope vs Slug



Right In: -22.707 ± 0.594 $\chi^2/\text{NDF}: 1275.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -19.316 ± 0.540 $\chi^2/\text{NDF}: 1938.3/17$

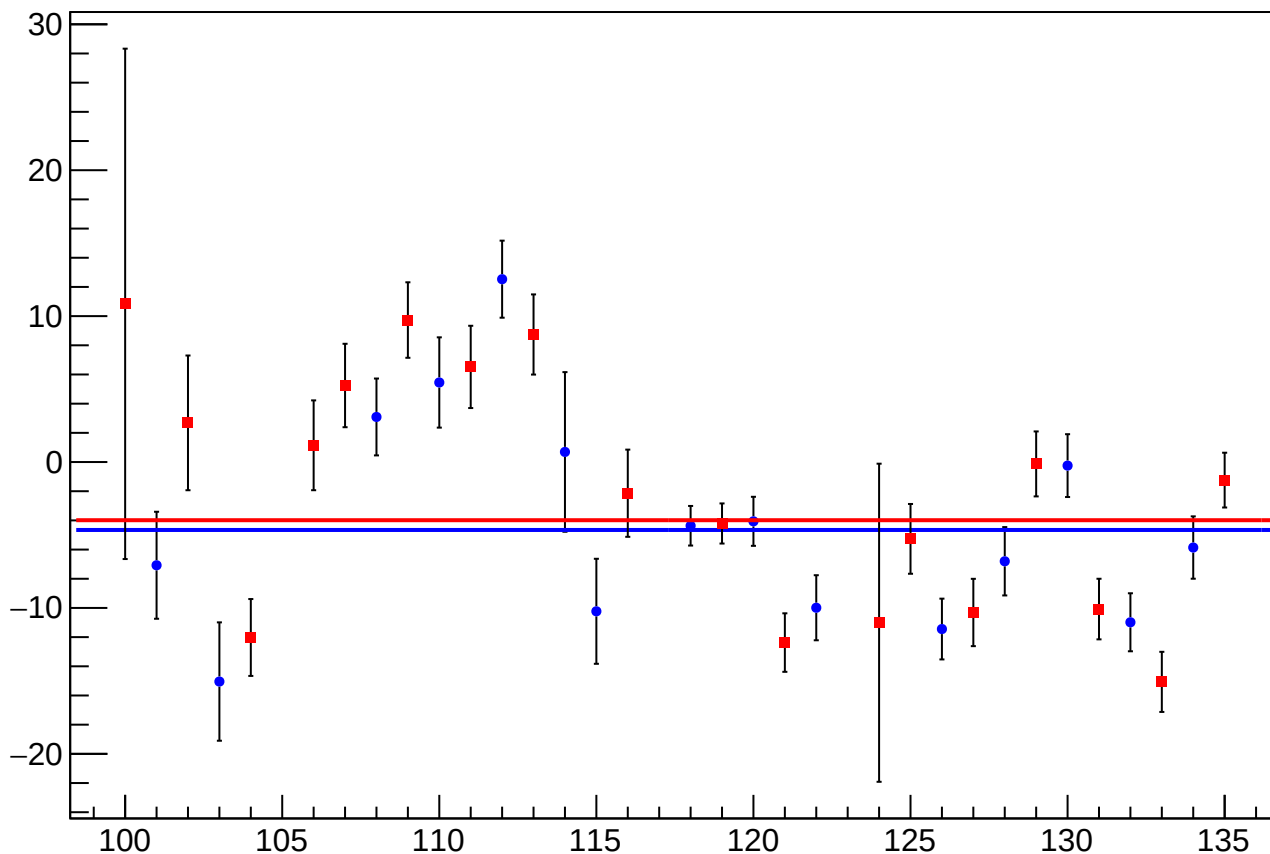
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -20.852 ± 0.400 $\chi^2/\text{NDF}: 3231.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_at1_dd_at2_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -4.656 ± 0.594 χ^2/NDF : 104.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -3.987 ± 0.573 χ^2/NDF : 157.6/17

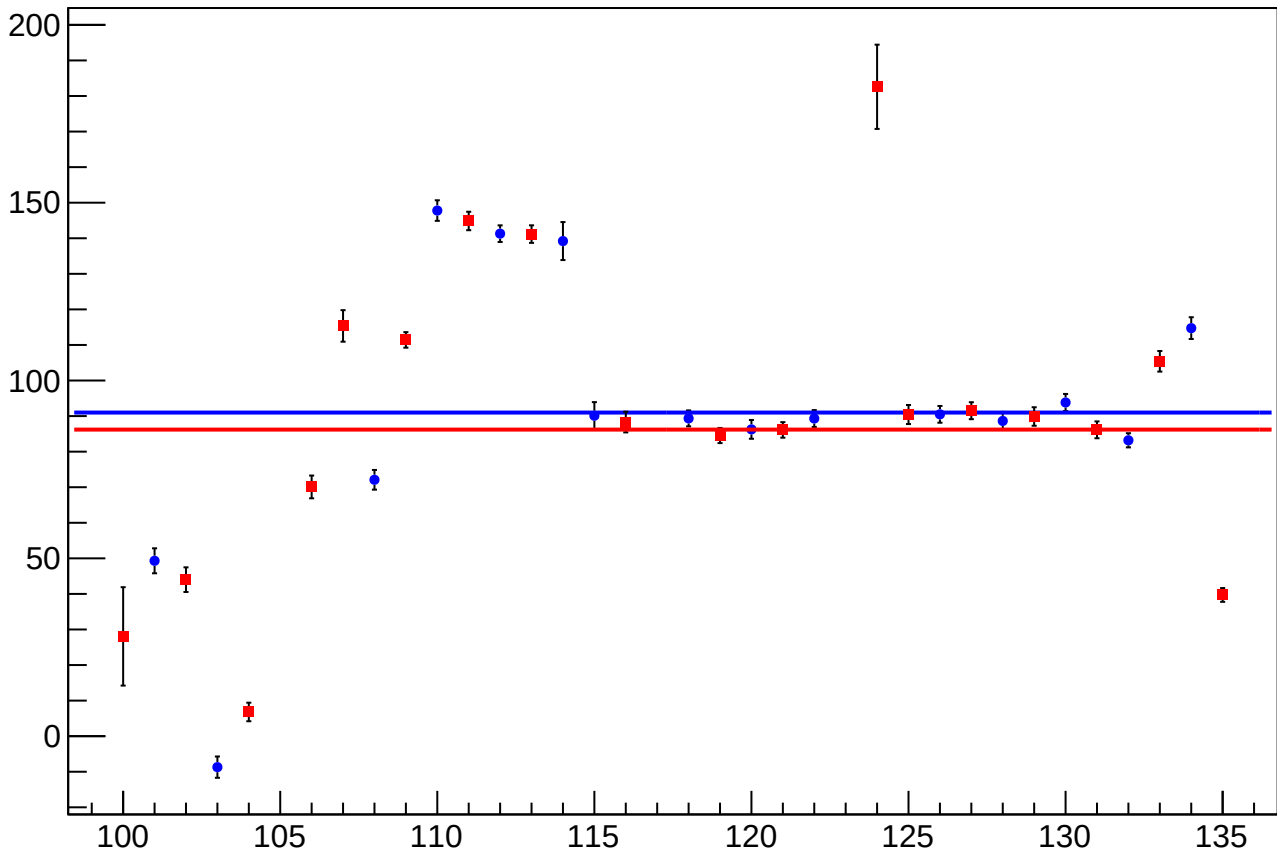
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.310 ± 0.412 χ^2/NDF : 262.3/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eX_slope vs Slug



Right In: 90.994+/-0.687 χ^2/NDF : 2307.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 86.203+/-0.634 χ^2/NDF : 2997.2/17

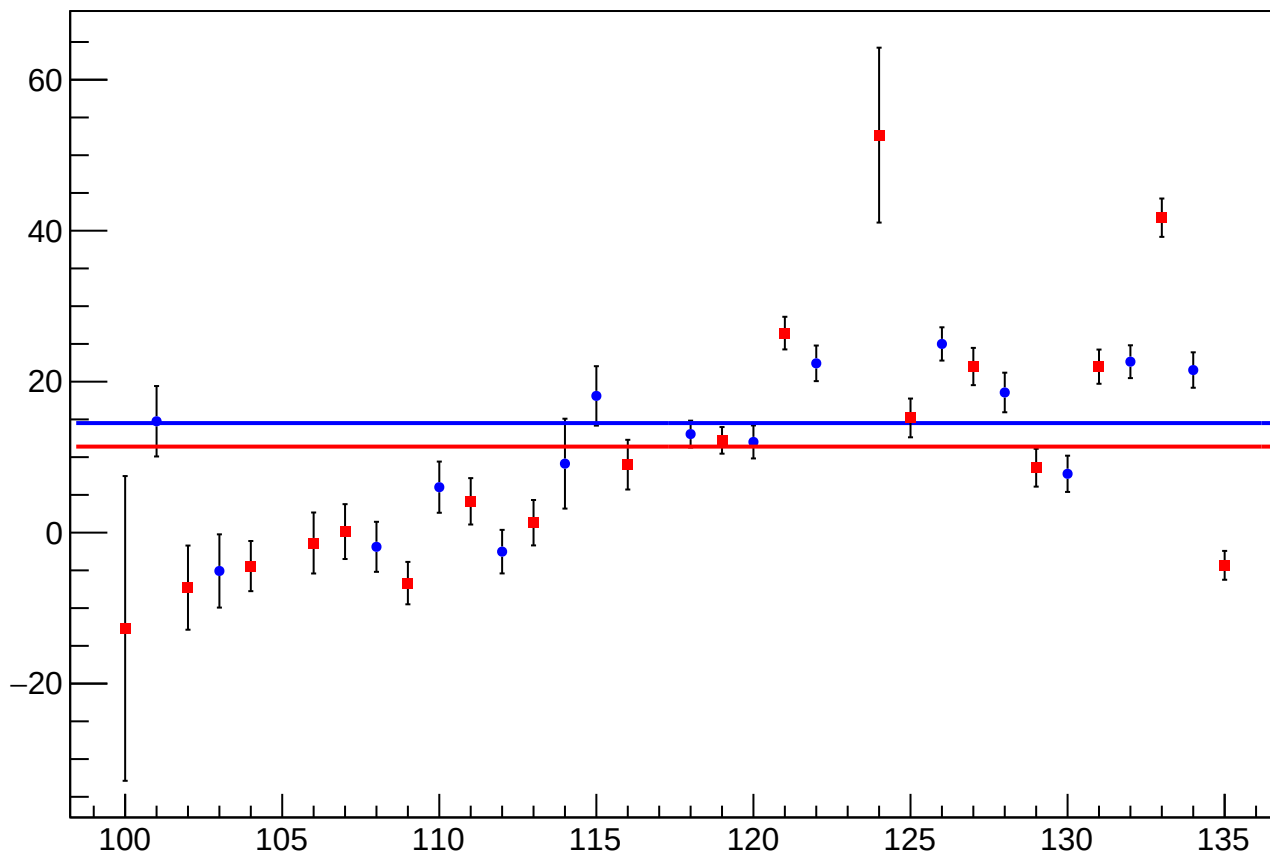
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 88.405+/-0.466 χ^2/NDF : 5330.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 14.512+/-0.690 χ^2/NDF : 152.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 11.397+/-0.654 χ^2/NDF : 429.0/17

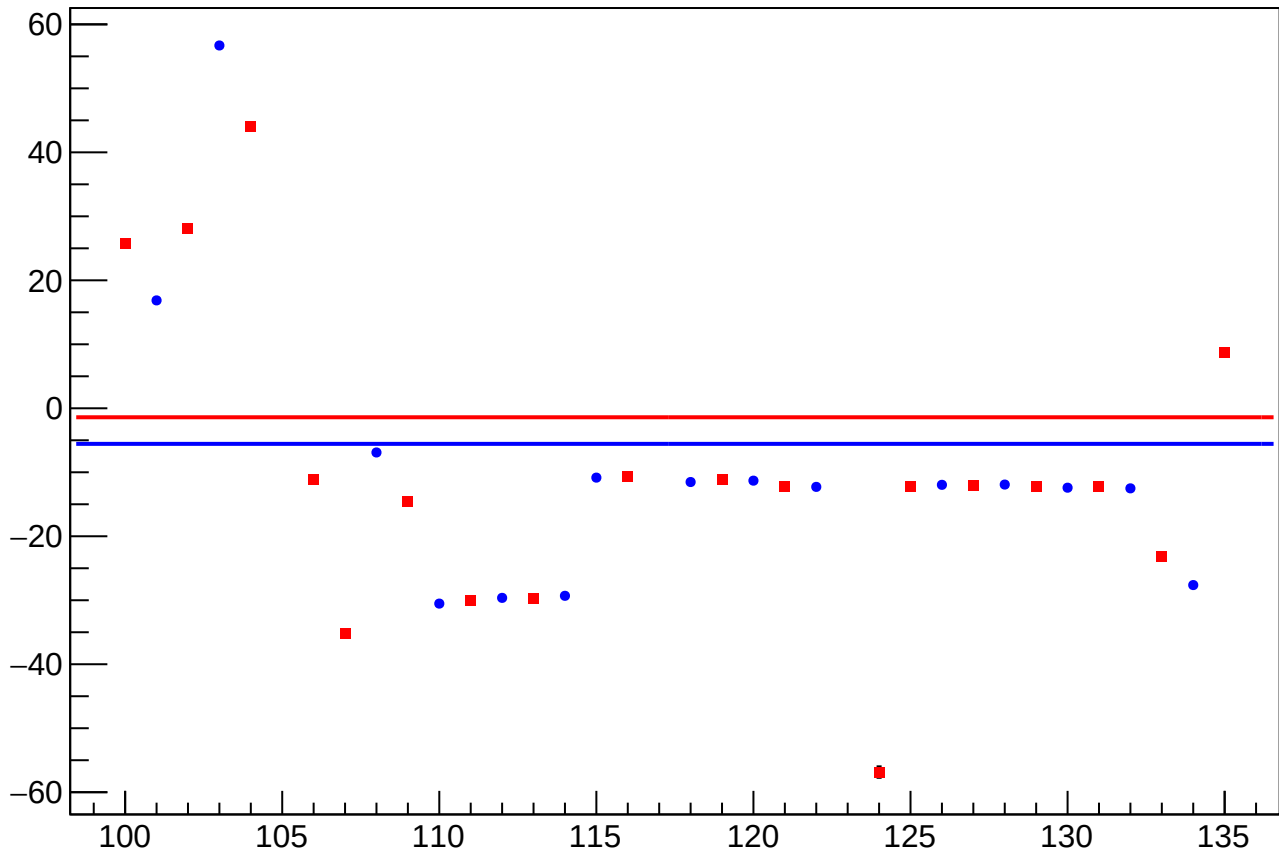
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 12.872+/-0.474 χ^2/NDF : 592.4/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_at1_dd_at2_dd_avg_diff_bpm12X_slope vs Slug



Right In: -5.559 $\pm$ 0.044 χ^2 /NDF: 334135.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -1.404 $\pm$ 0.039 χ^2 /NDF: 311416.4/17

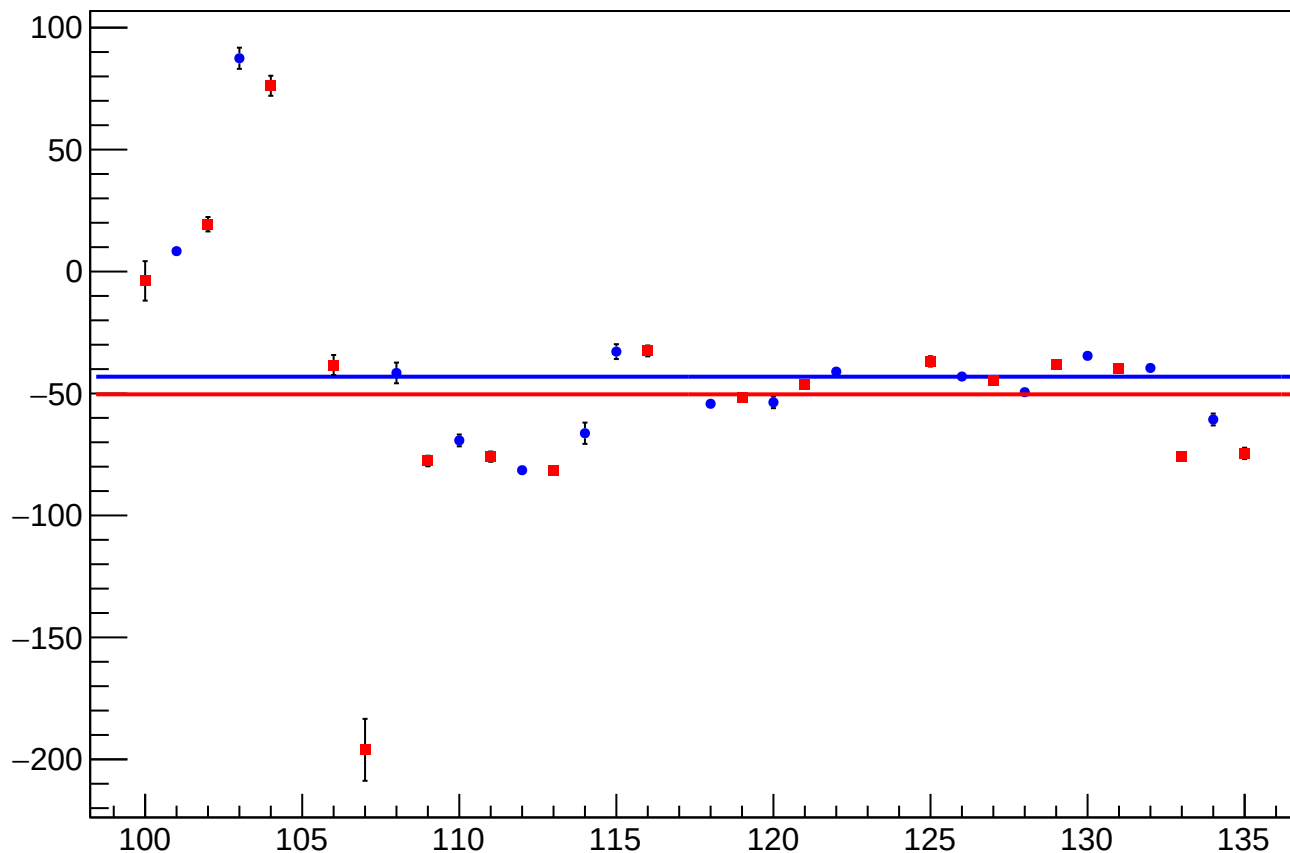
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -3.209 $\pm$ 0.029 χ^2 /NDF: 650504.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm1X_slope vs Slug



Right In: -43.111 $\pm$ 0.568 χ^2 /NDF: 2261.6/14

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

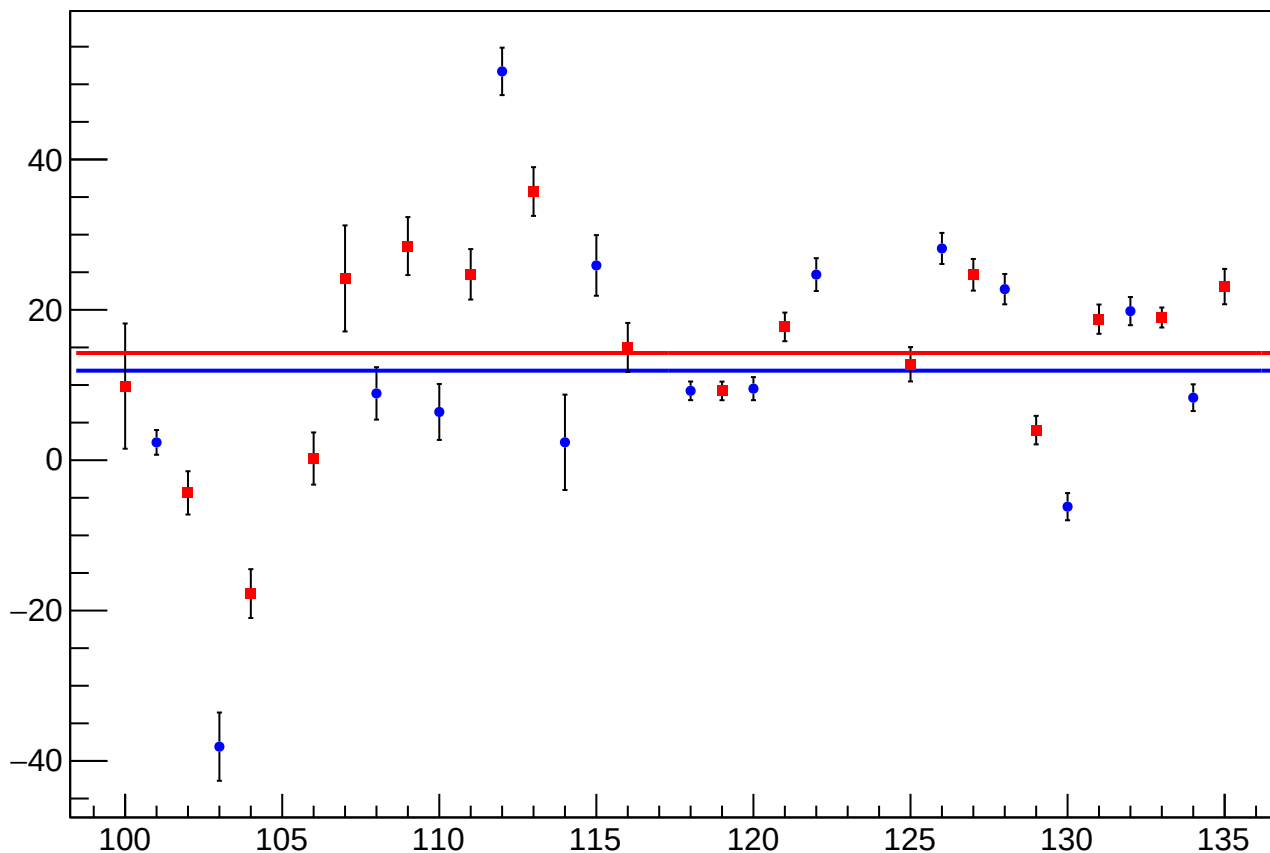
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -46.829 $\pm$ 0.396 χ^2 /NDF: 5059.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4aY_slope vs Slug



Right In: 11.909+/-0.540 χ^2/NDF : 585.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 14.262+/-0.549 χ^2/NDF : 330.8/16

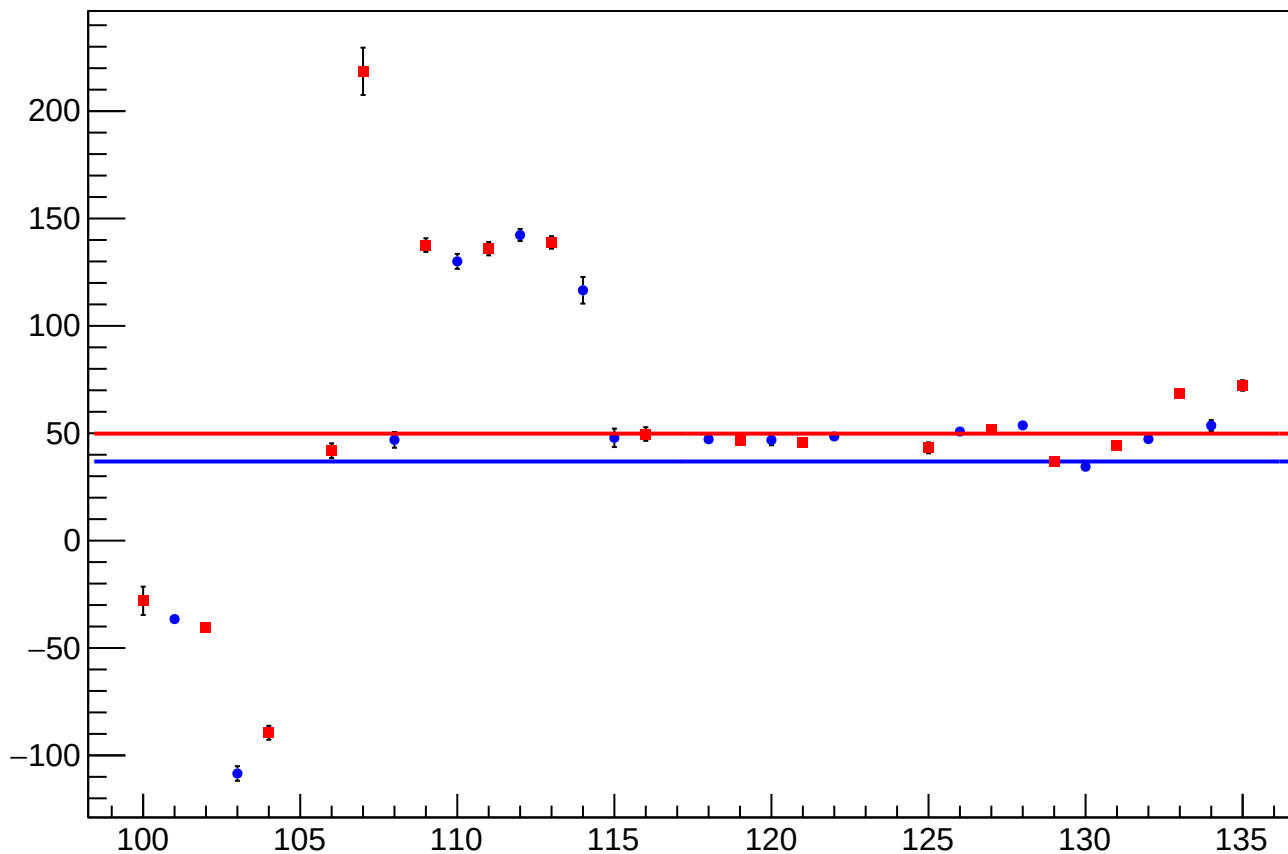
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.066+/-0.385 χ^2/NDF : 925.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eX_slope vs Slug



Right In: 36.855+/-0.627 χ^2/NDF : 6566.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 49.831+/-0.625 χ^2/NDF : 6457.9/16

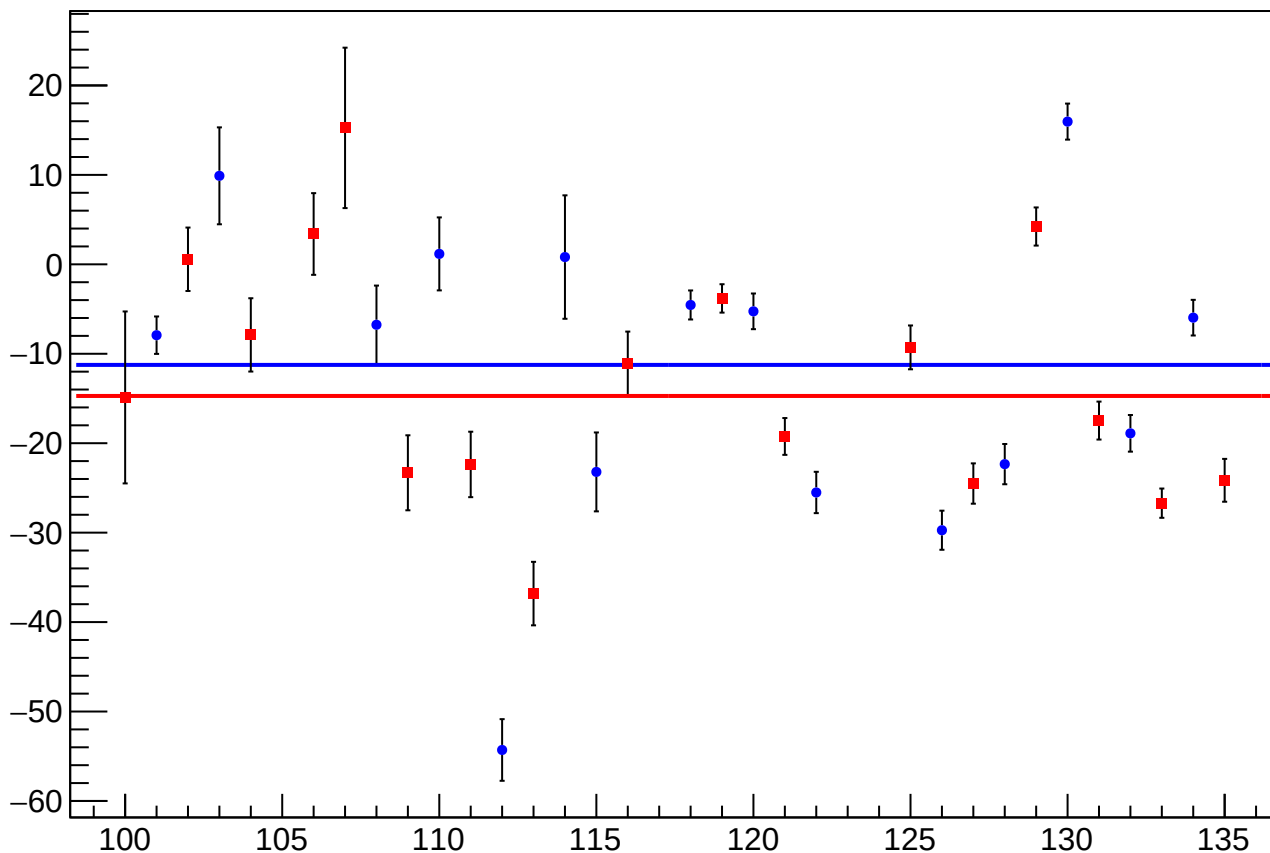
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 43.364+/-0.443 χ^2/NDF : 13239.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_avg_diff_bpm4eY_slope vs Slug



Right In: -11.245 $\pm$ 0.633 χ^2 /NDF: 557.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -14.717 $\pm$ 0.634 χ^2 /NDF: 322.2/16

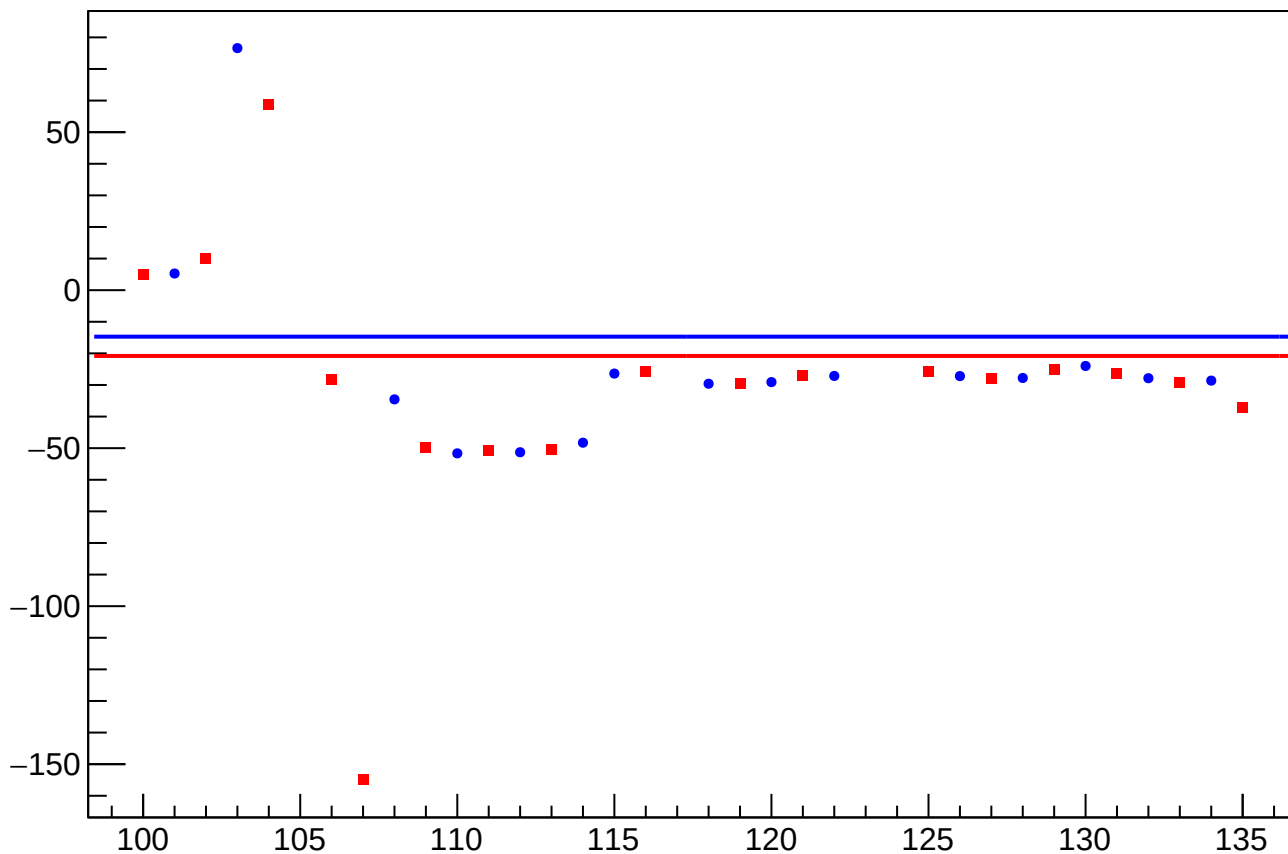
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -12.978 $\pm$ 0.448 χ^2 /NDF: 895.0/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl1_avg_diff_bpm12X_slope vs Slug



Right In: -14.711 ± 0.041 $\chi^2/\text{NDF}: 583444.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -20.819 ± 0.040 $\chi^2/\text{NDF}: 536714.4/16$

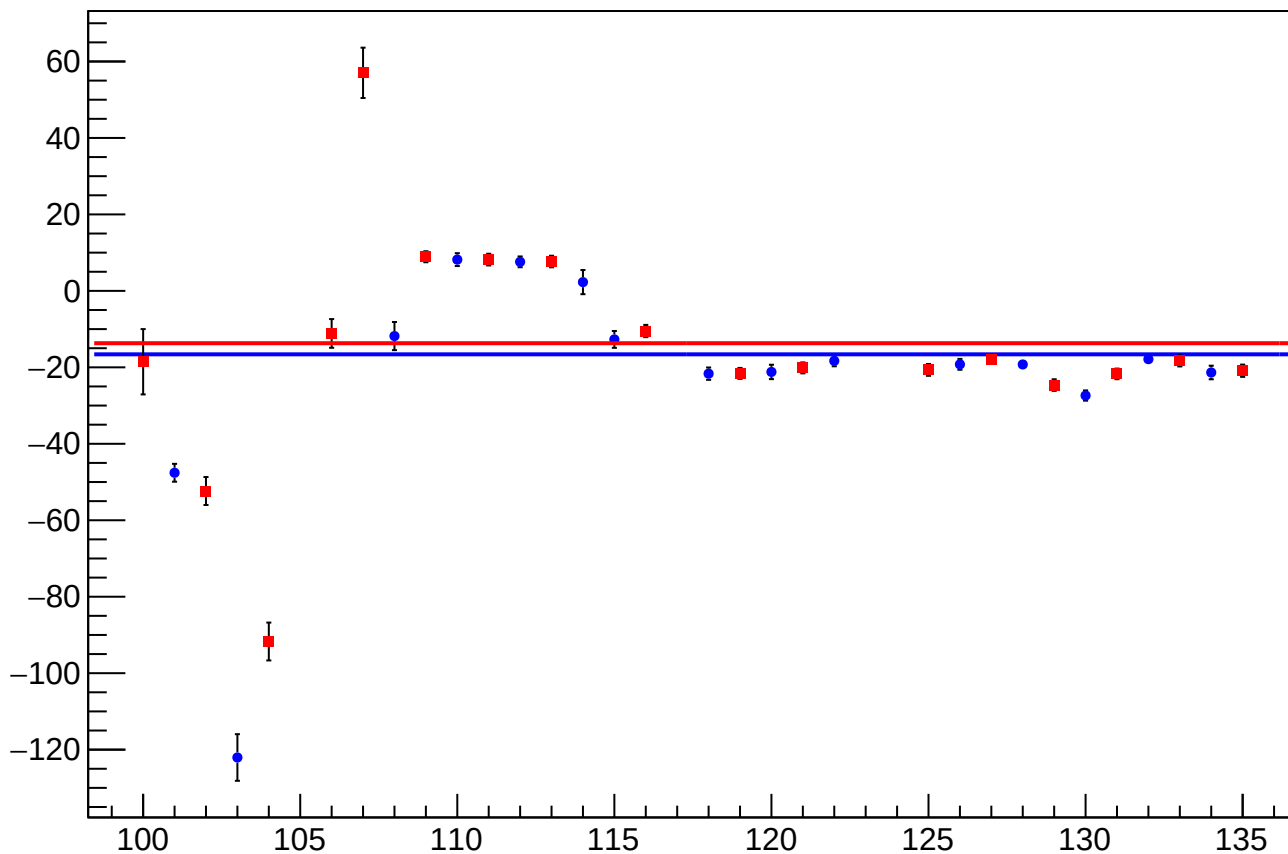
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -17.850 ± 0.029 $\chi^2/\text{NDF}: 1131522.1/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_usl_atl1_dd_diff_bpm1X_slope vs Slug



Right In: -16.600 ± 0.433 χ^2/NDF : 1123.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -13.690 ± 0.416 χ^2/NDF : 1329.1/16

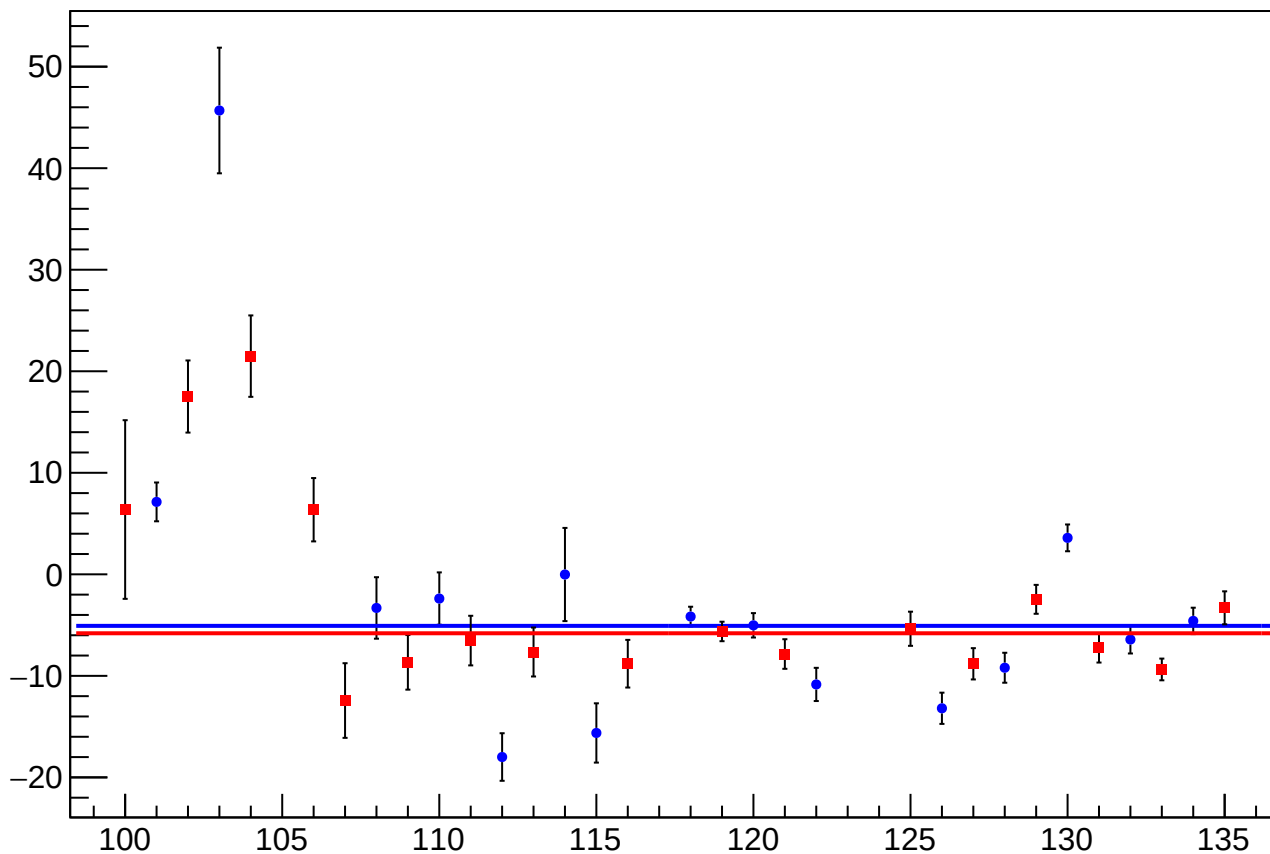
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -15.084 ± 0.300 χ^2/NDF : 2475.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4aY_slope vs Slug



Right In: -5.076+/-0.422 χ^2/NDF : 247.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -5.806+/-0.424 χ^2/NDF : 139.2/16

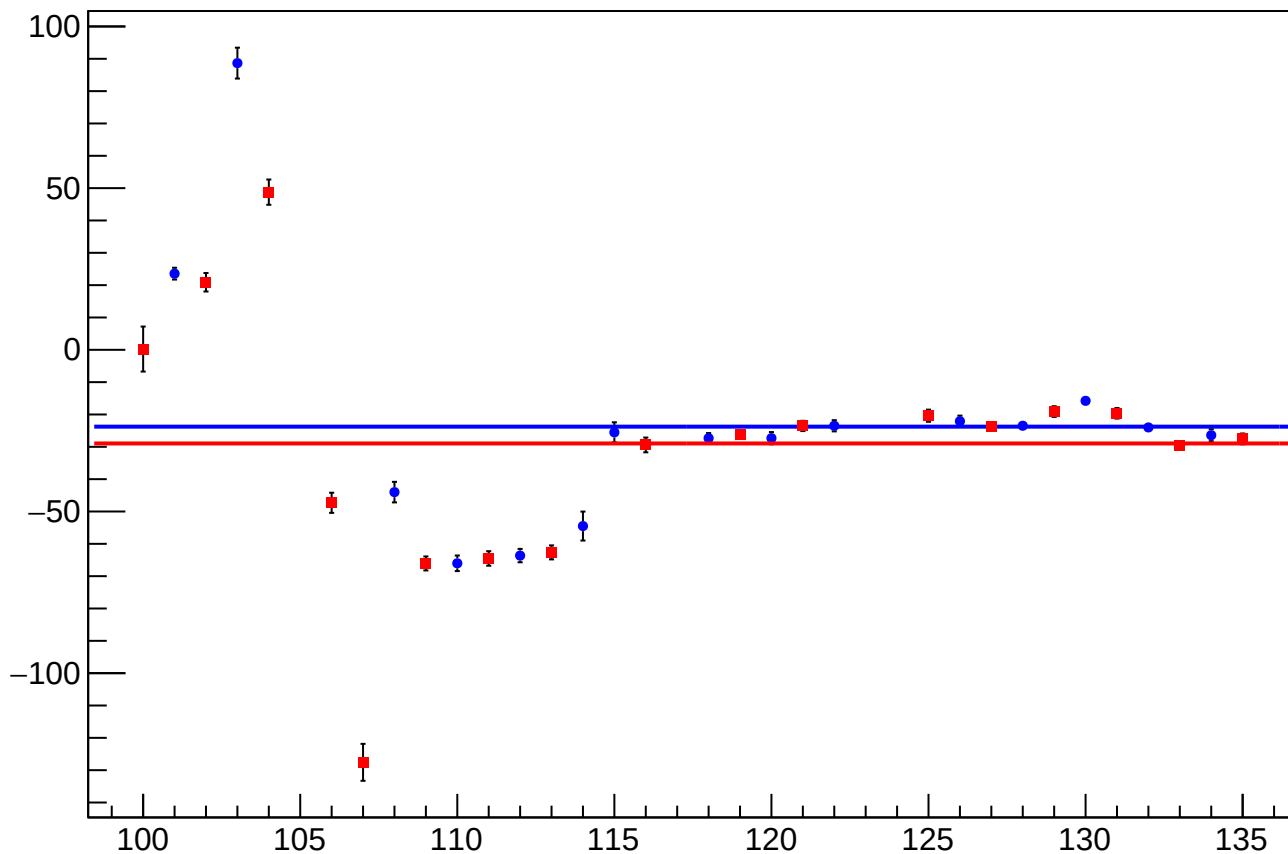
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -5.438+/-0.299 χ^2/NDF : 388.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eX_slope vs Slug



Right In: -23.761 ± 0.497 χ^2/NDF : 2032.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.957 ± 0.486 χ^2/NDF : 1952.1/16

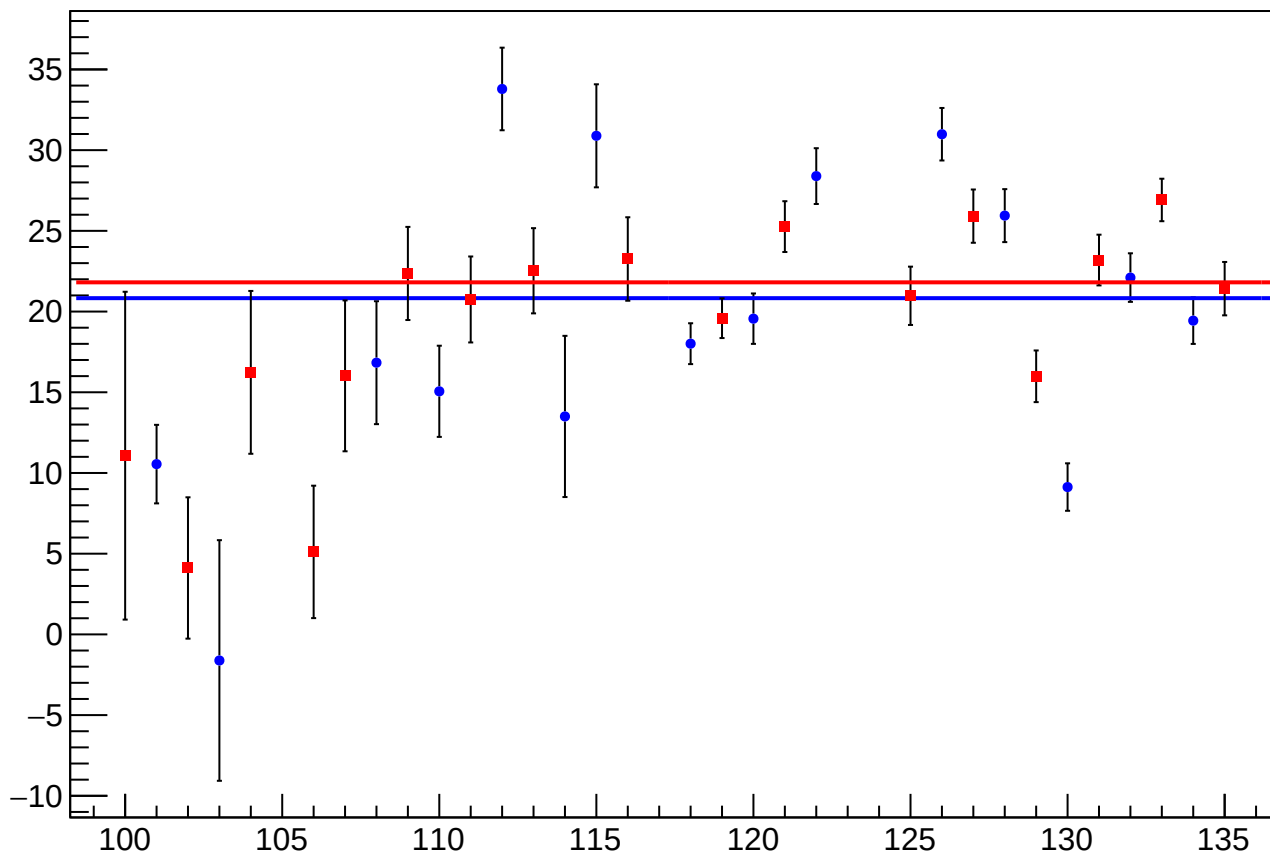
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -26.422 ± 0.347 χ^2/NDF : 4040.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm4eY_slope vs Slug



Right In: 20.830+/-0.489 χ^2/NDF : 208.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 21.810+/-0.486 χ^2/NDF : 80.9/16

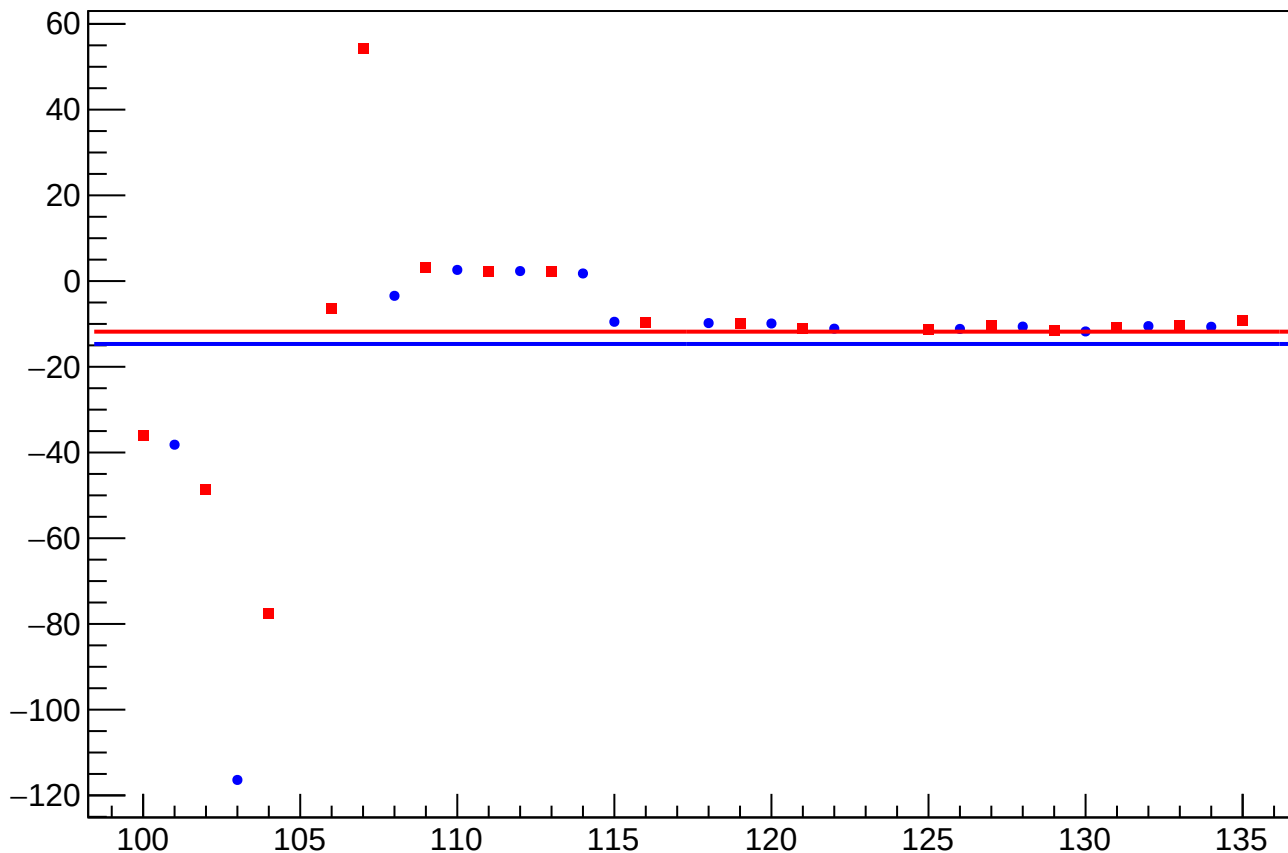
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.324+/-0.345 χ^2/NDF : 291.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl1_dd_diff_bpm12X_slope vs Slug



Right In: -14.677 $\pm$ 0.034 χ^2 /NDF: 337218.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -11.804 $\pm$ 0.032 χ^2 /NDF: 313674.5/16

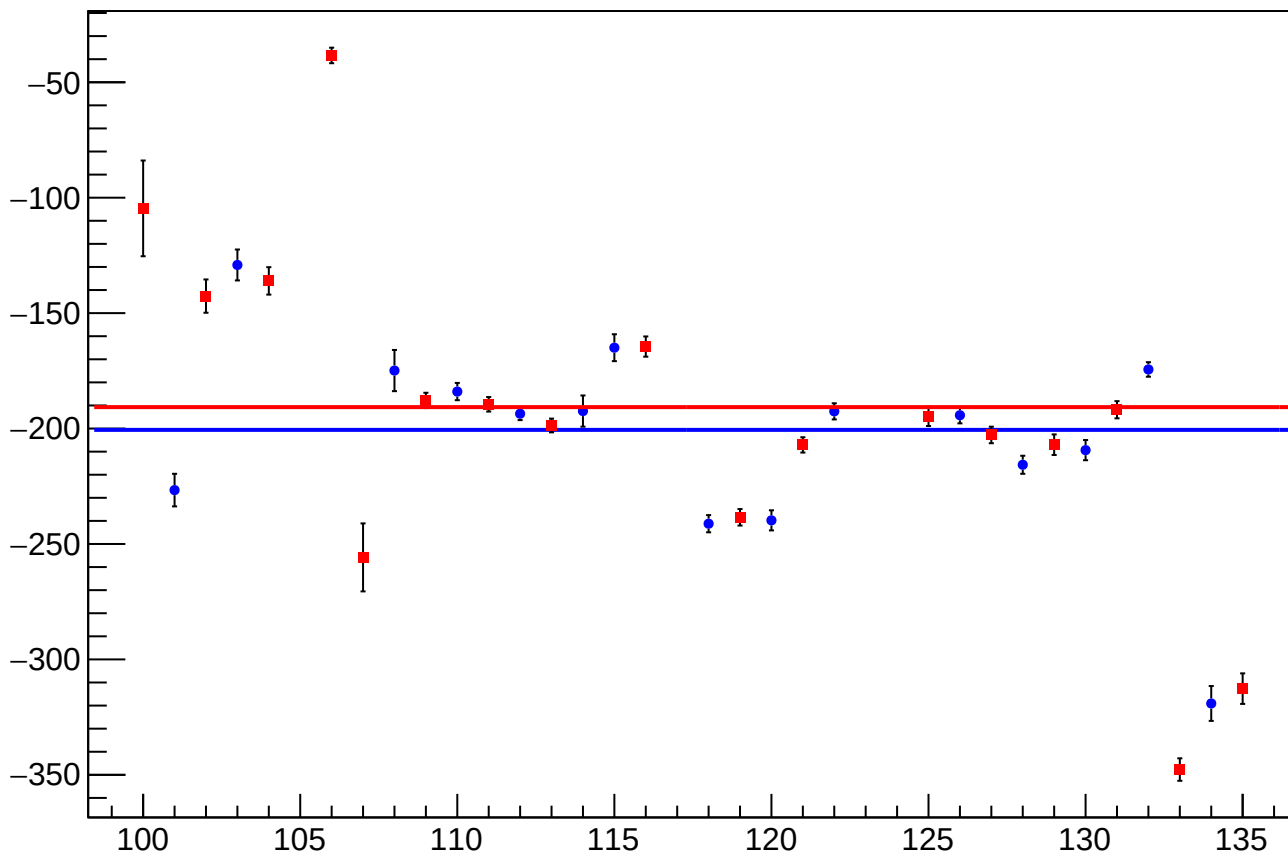
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -13.170 $\pm$ 0.023 χ^2 /NDF: 654709.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm1X_slope vs Slug



Right In: -200.572+/-1.096 χ^2/NDF : 743.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -190.716+/-1.004 χ^2/NDF : 3867.5/16

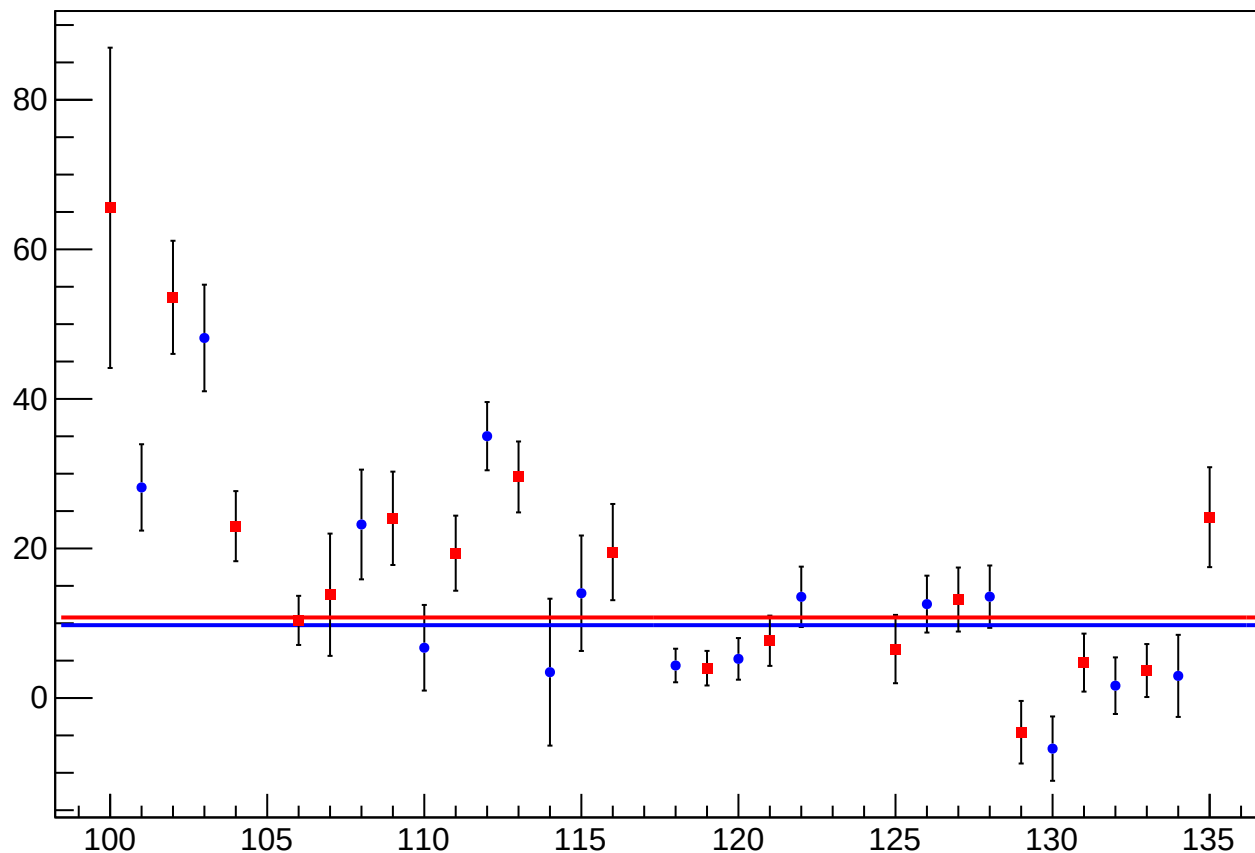
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -195.214+/-0.740 χ^2/NDF : 4654.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4aY_slope vs Slug



Right In: 9.743+/-1.087 χ^2/NDF : 105.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 10.775+/-1.048 χ^2/NDF : 105.1/16

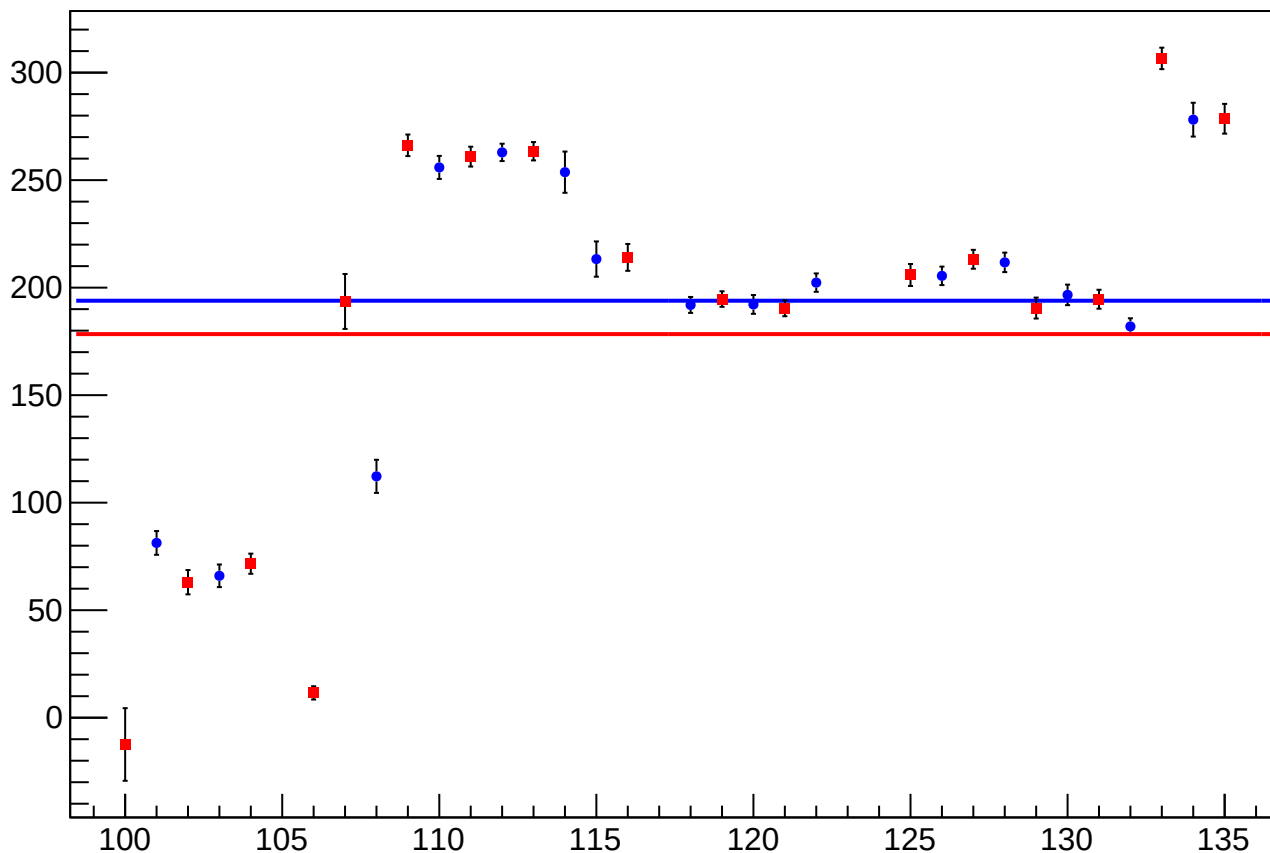
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 10.278+/-0.754 χ^2/NDF : 211.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eX_slope vs Slug



Right In: 193.919+/-1.270 χ^2/NDF : 1741.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 178.388+/-1.152 χ^2/NDF : 6053.9/16

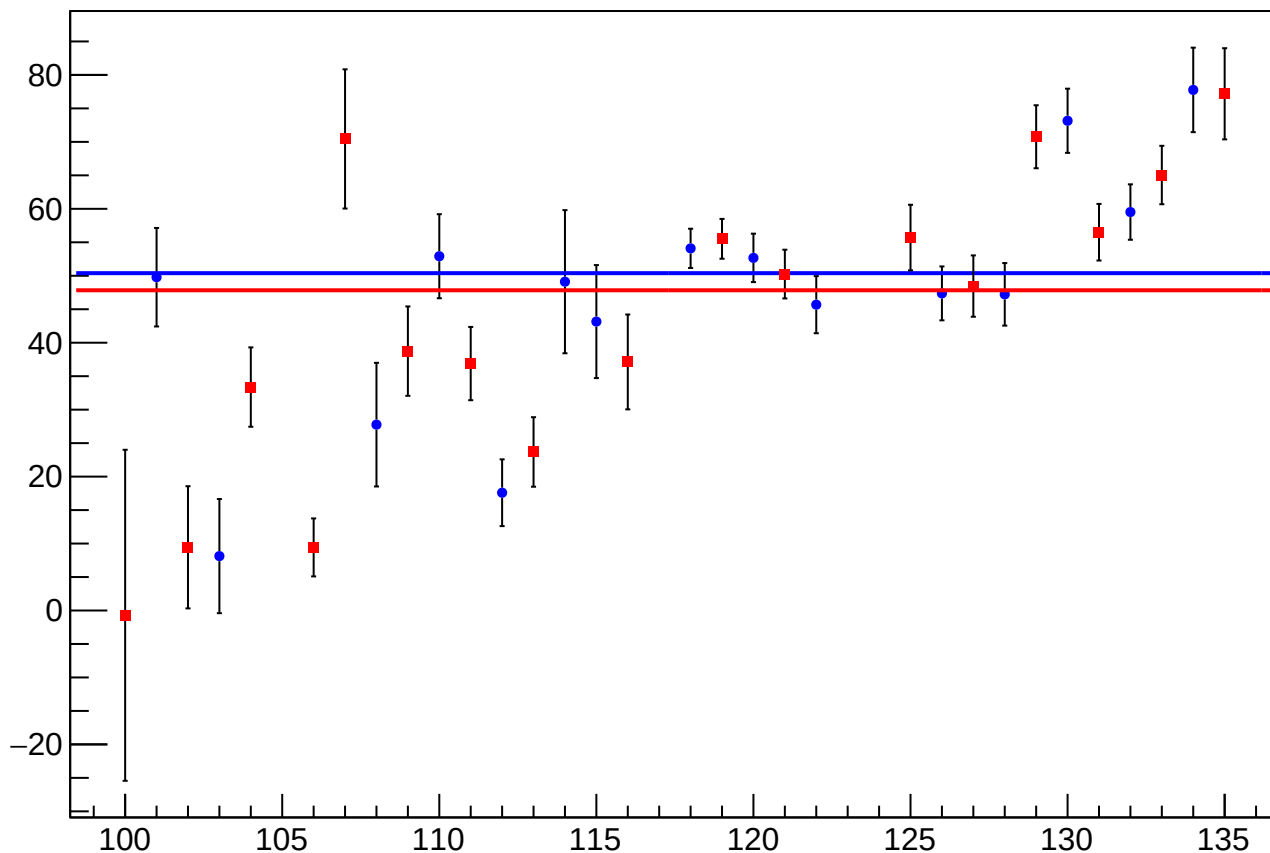
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 185.397+/-0.853 χ^2/NDF : 7877.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_avg_diff_bpm4eY_slope vs Slug



Right In: 50.390 $\pm$ 1.276 χ^2 /NDF: 125.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 47.833 $\pm$ 1.221 χ^2 /NDF: 212.5/16

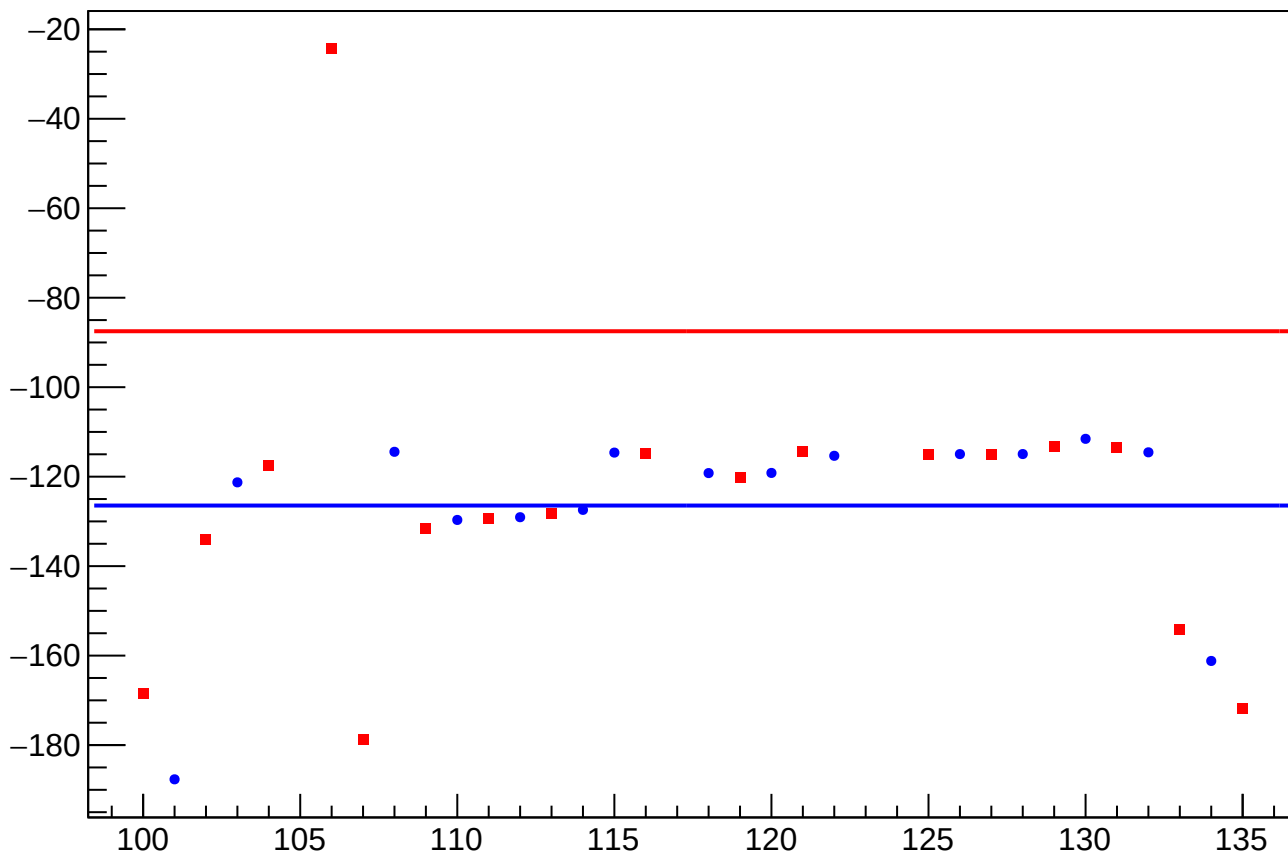
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 49.055 $\pm$ 0.882 χ^2 /NDF: 339.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usl_atl2_avg_diff_bpm12X_slope vs Slug



Right In: -126.457+/-0.088 χ^2/NDF : 54681.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -87.493+/-0.065 χ^2/NDF : 696891.0/16

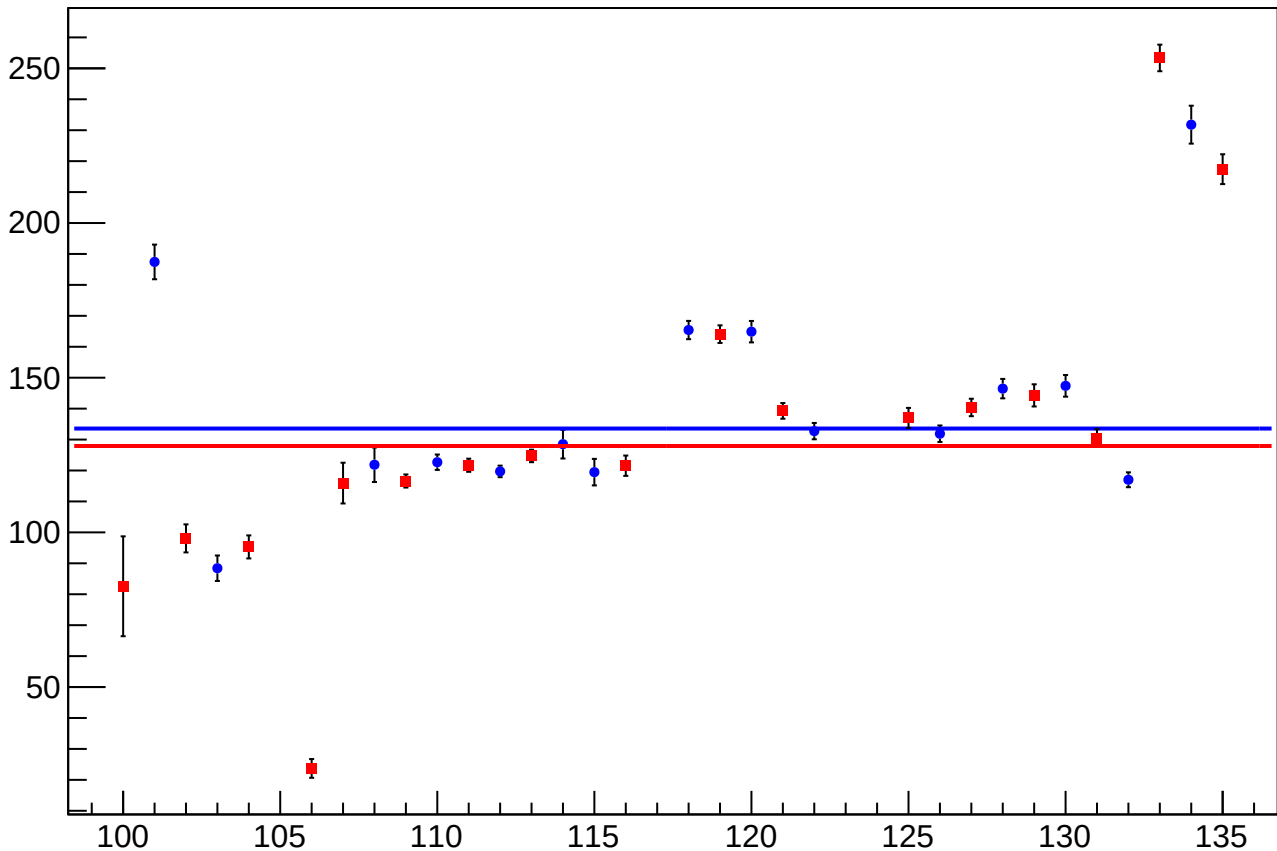
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -101.259+/-0.052 χ^2/NDF : 879521.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm1X_slope vs Slug



Right In: 133.564+/-0.806 χ^2/NDF : 838.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 127.920+/-0.738 χ^2/NDF : 2784.1/16

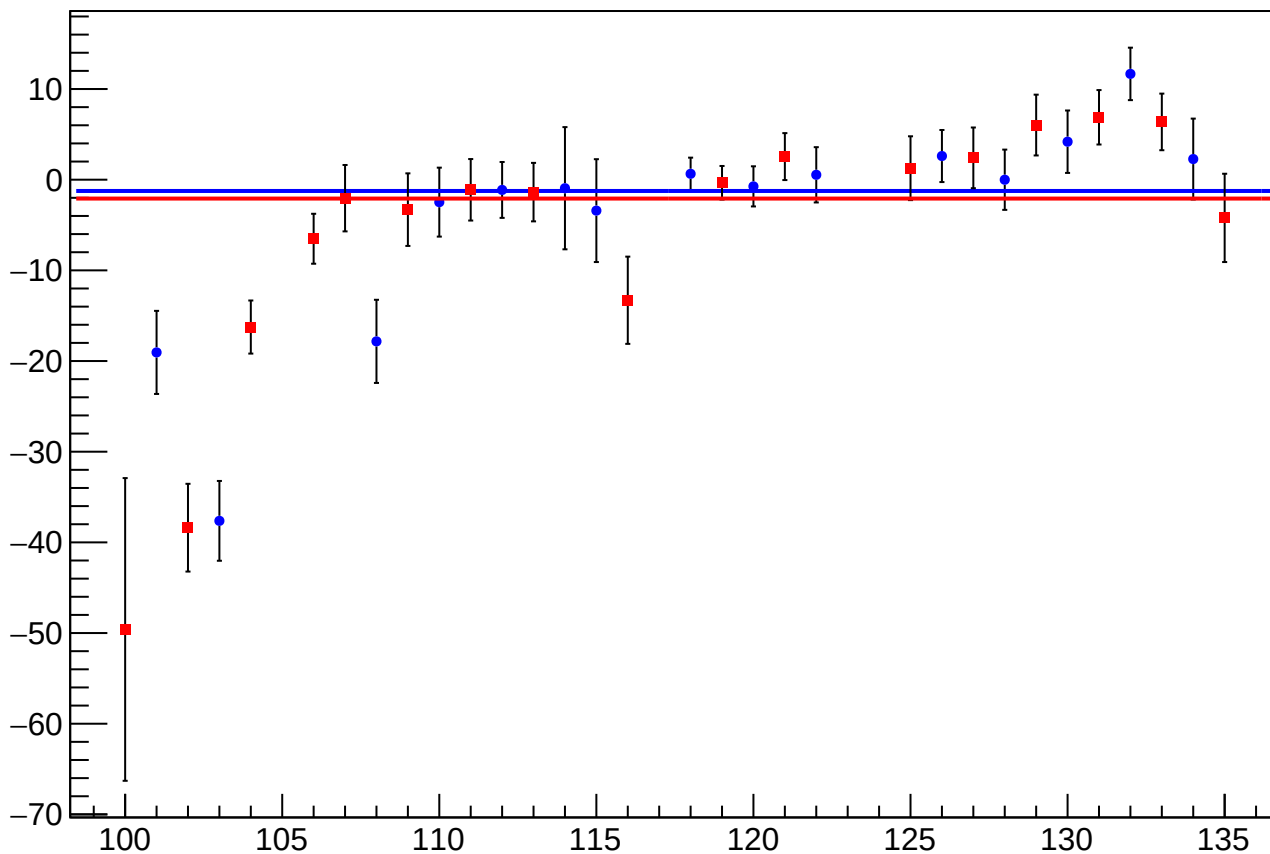
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 130.494+/-0.545 χ^2/NDF : 3649.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4aY_slope vs Slug



Right In: -1.244 ± 0.826 χ^2/NDF : 123.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.082 ± 0.787 χ^2/NDF : 125.1/16

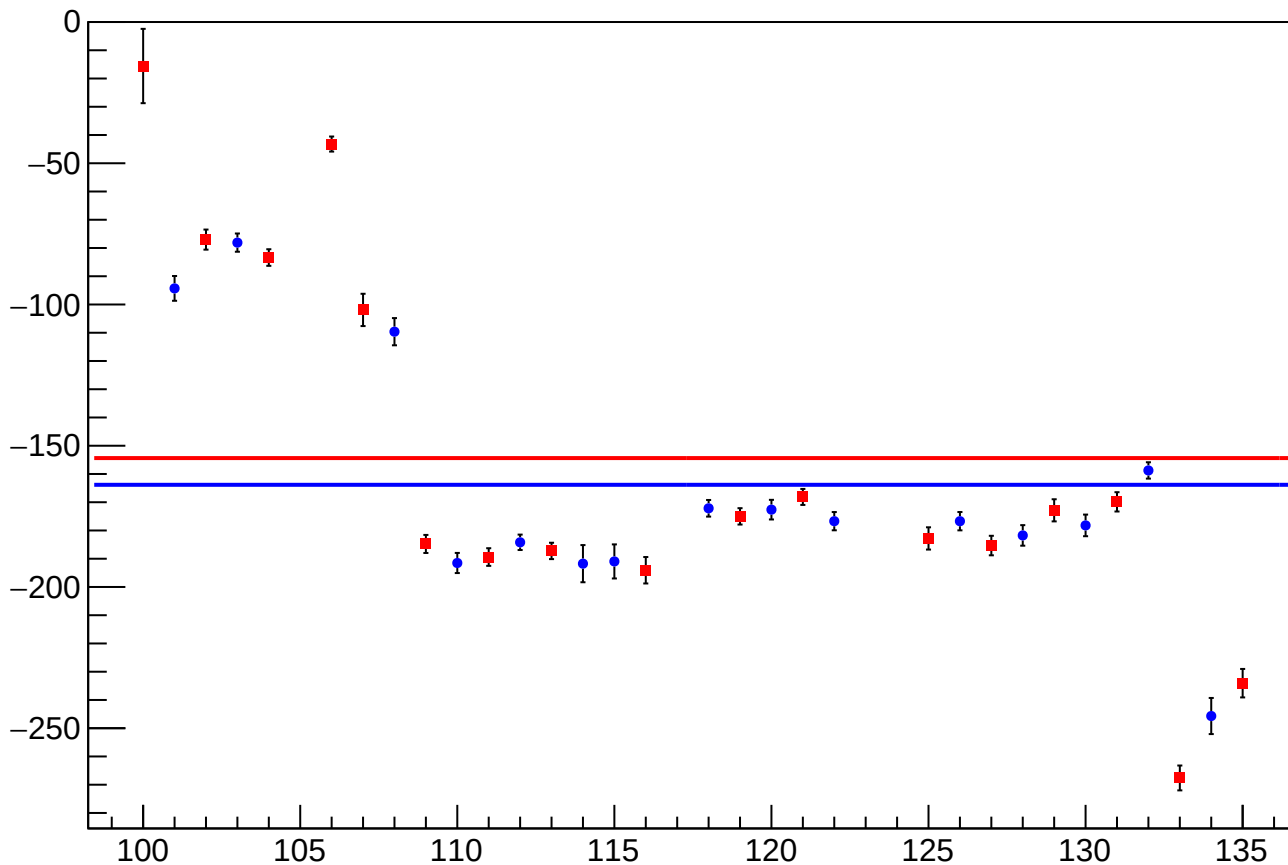
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.683 ± 0.570 χ^2/NDF : 248.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eX_slope vs Slug



Right In: -163.831+/-0.940 χ^2/NDF : 1489.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -154.371+/-0.854 χ^2/NDF : 4574.3/16

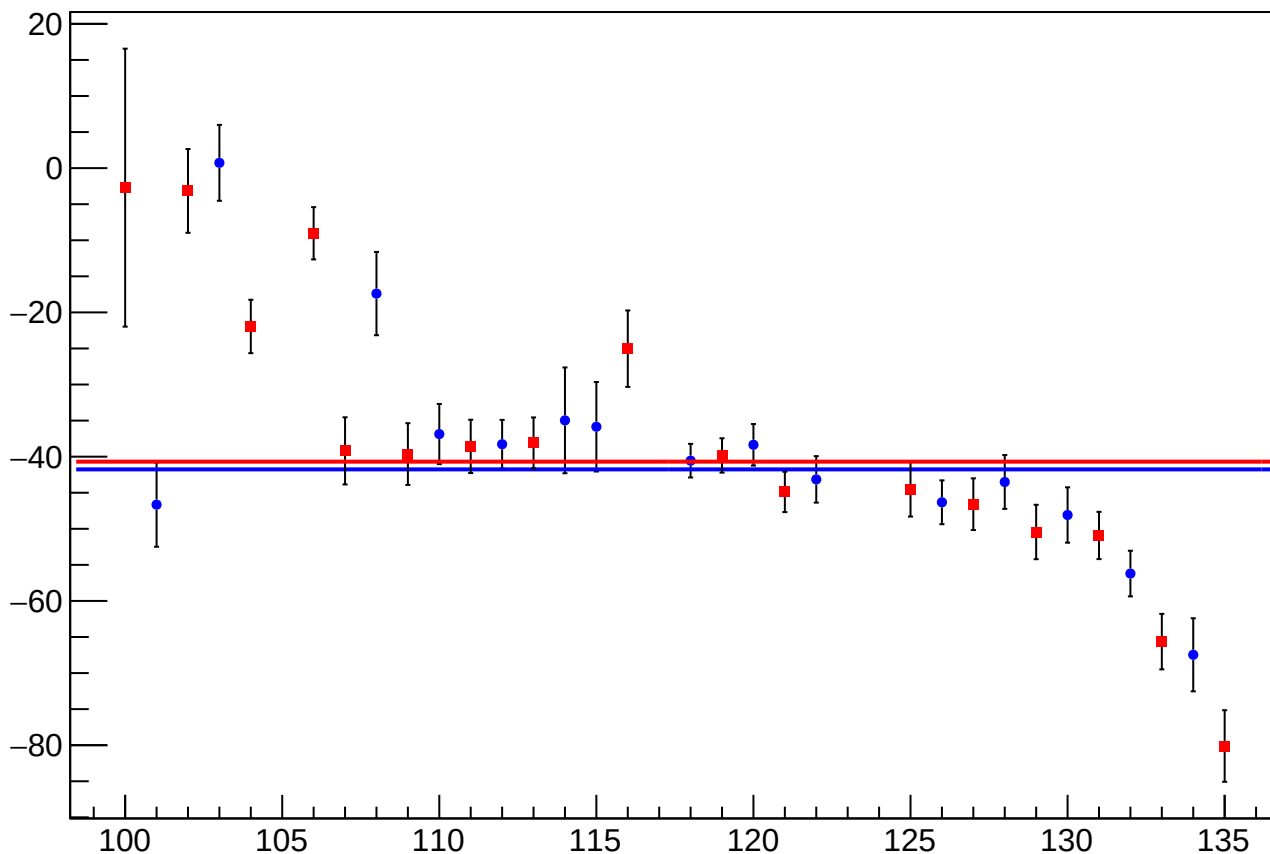
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -158.646+/-0.632 χ^2/NDF : 6118.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm4eY_slope vs Slug



Right In: -41.763 ± 0.965 χ^2/NDF : 141.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -40.691 ± 0.915 χ^2/NDF : 285.1/16

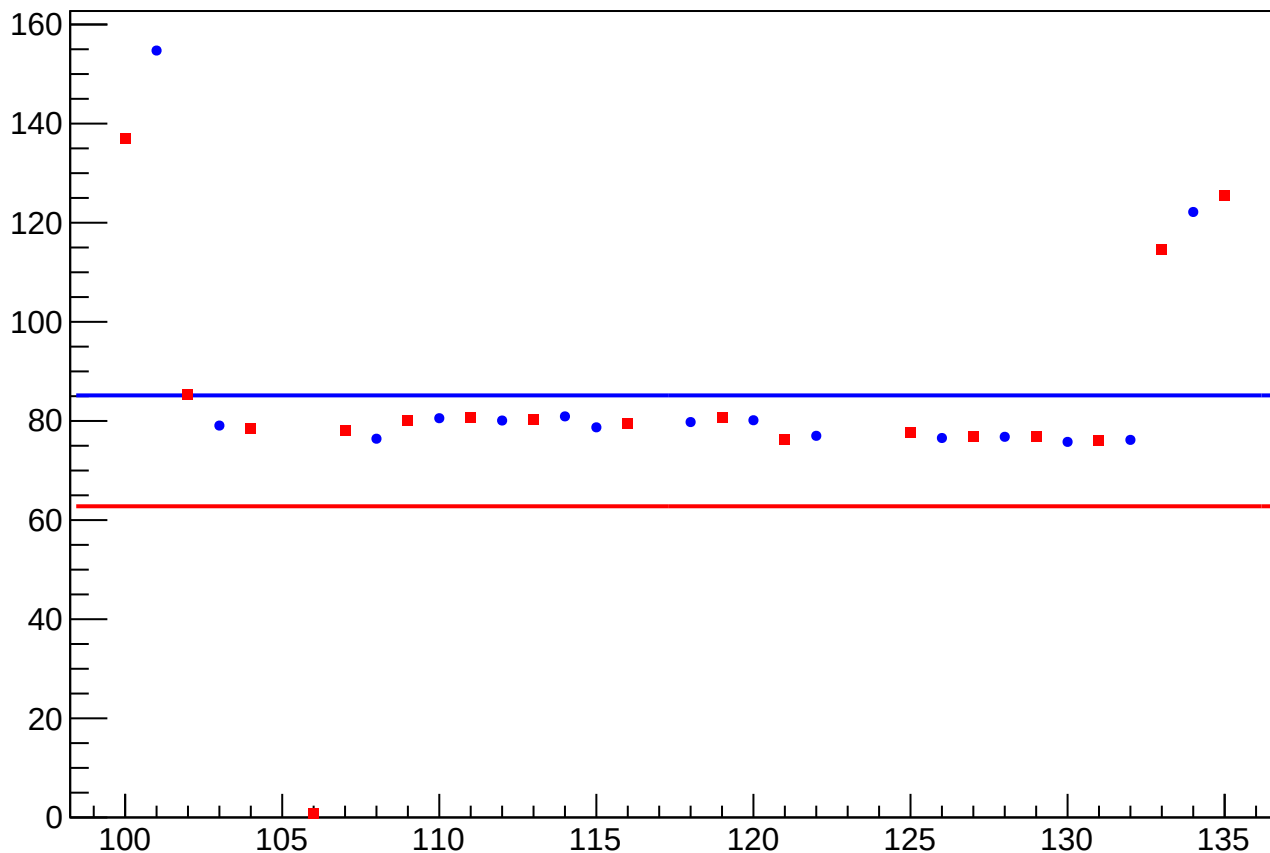
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -41.199 ± 0.664 χ^2/NDF : 427.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usl_atl2_dd_diff_bpm12X_slope vs Slug



Right In: 85.159+/-0.063 χ^2/NDF : 101473.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 62.787+/-0.050 χ^2/NDF : 628654.6/16

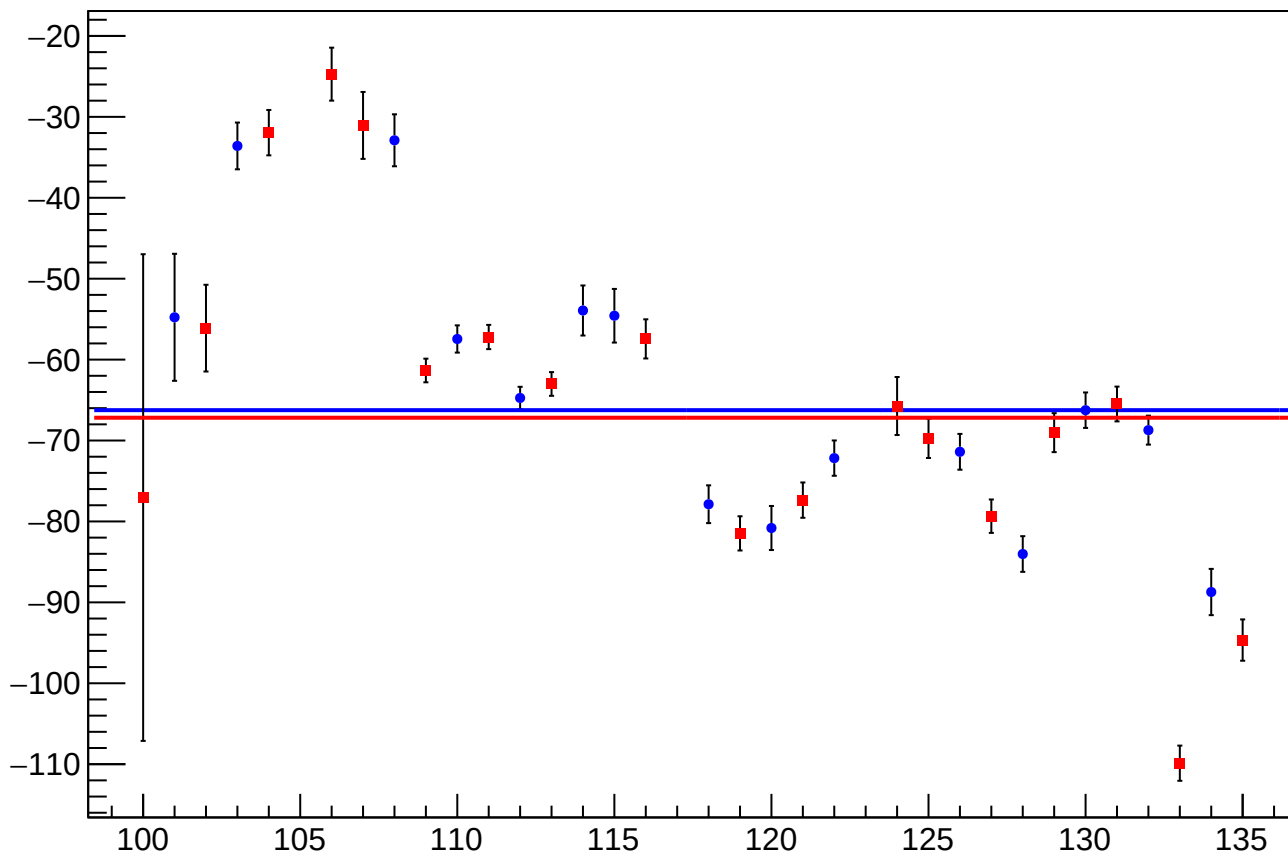
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 71.430+/-0.039 χ^2/NDF : 808092.5/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm1X_slope vs Slug



Right In: -66.247 $\pm$ 0.588 χ^2 /NDF: 489.4/14

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

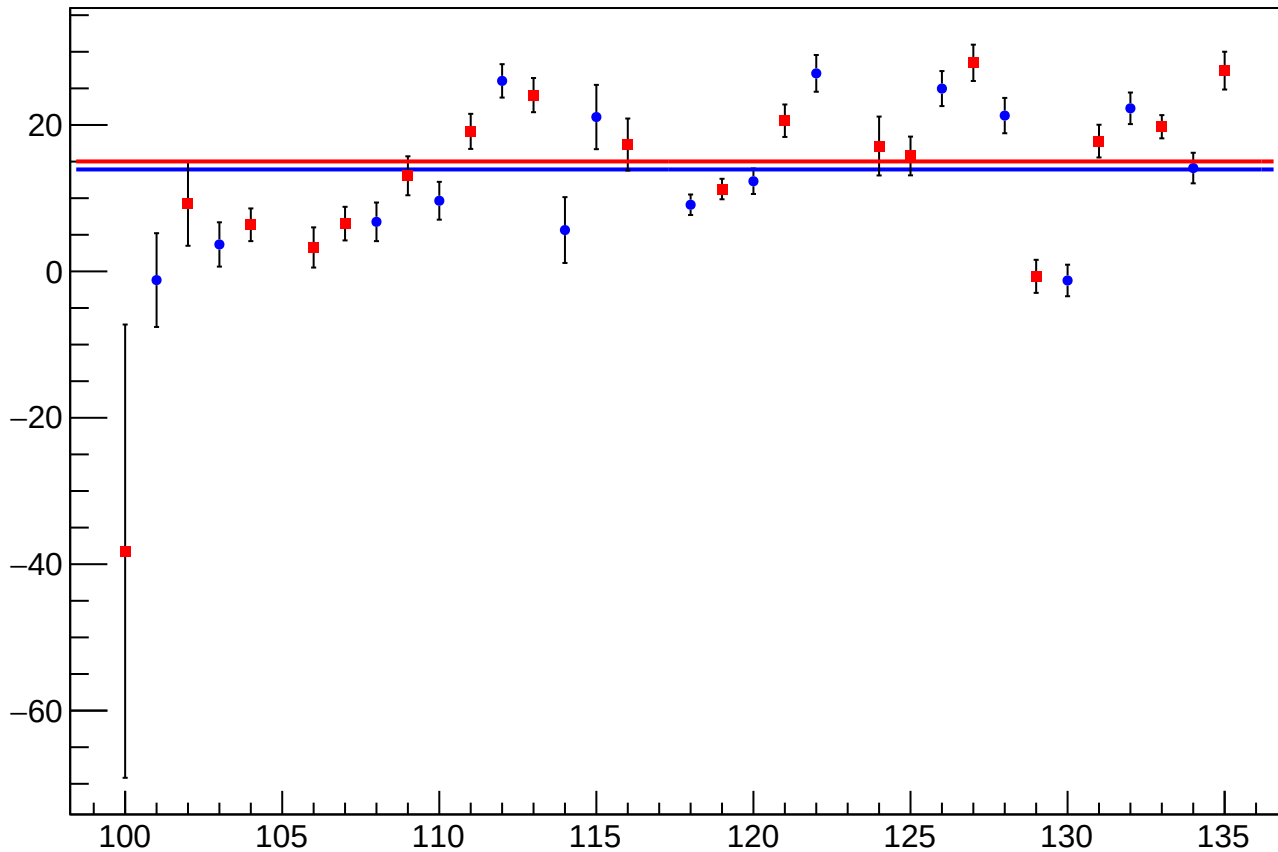
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -66.761 $\pm$ 0.395 χ^2 /NDF: 1588.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4aY_slope vs Slug



Right In: 13.925 $\pm$ 0.606 χ^2 /NDF: 196.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 15.020 $\pm$ 0.563 χ^2 /NDF: 195.3/17

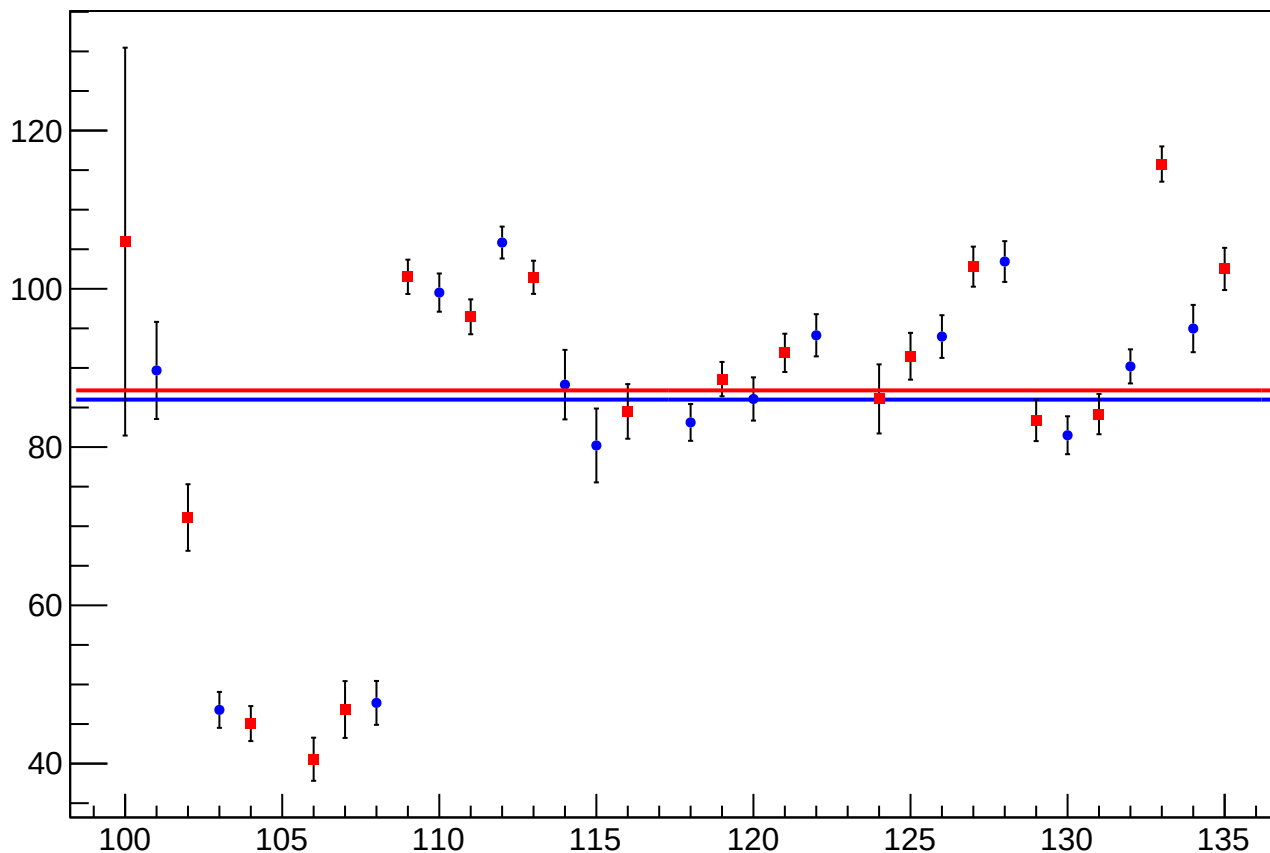
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 14.513 $\pm$ 0.412 χ^2 /NDF: 393.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eX_slope vs Slug



Right In: 85.998+/-0.687 χ^2/NDF : 701.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 87.164+/-0.626 χ^2/NDF : 1151.0/17

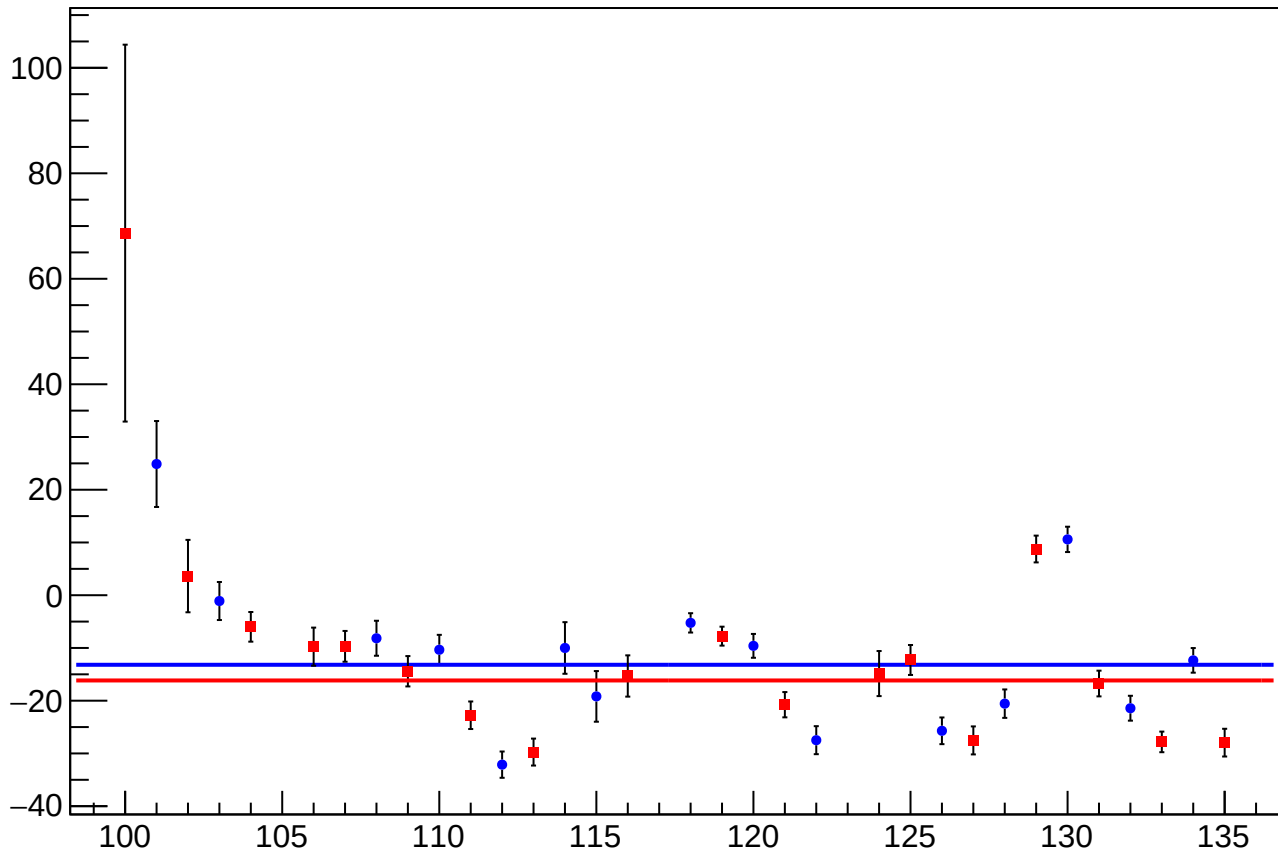
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 86.636+/-0.463 χ^2/NDF : 1854.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm4eY_slope vs Slug



Right In: -13.190 ± 0.704 χ^2/NDF : 288.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -16.163 ± 0.650 χ^2/NDF : 268.1/17

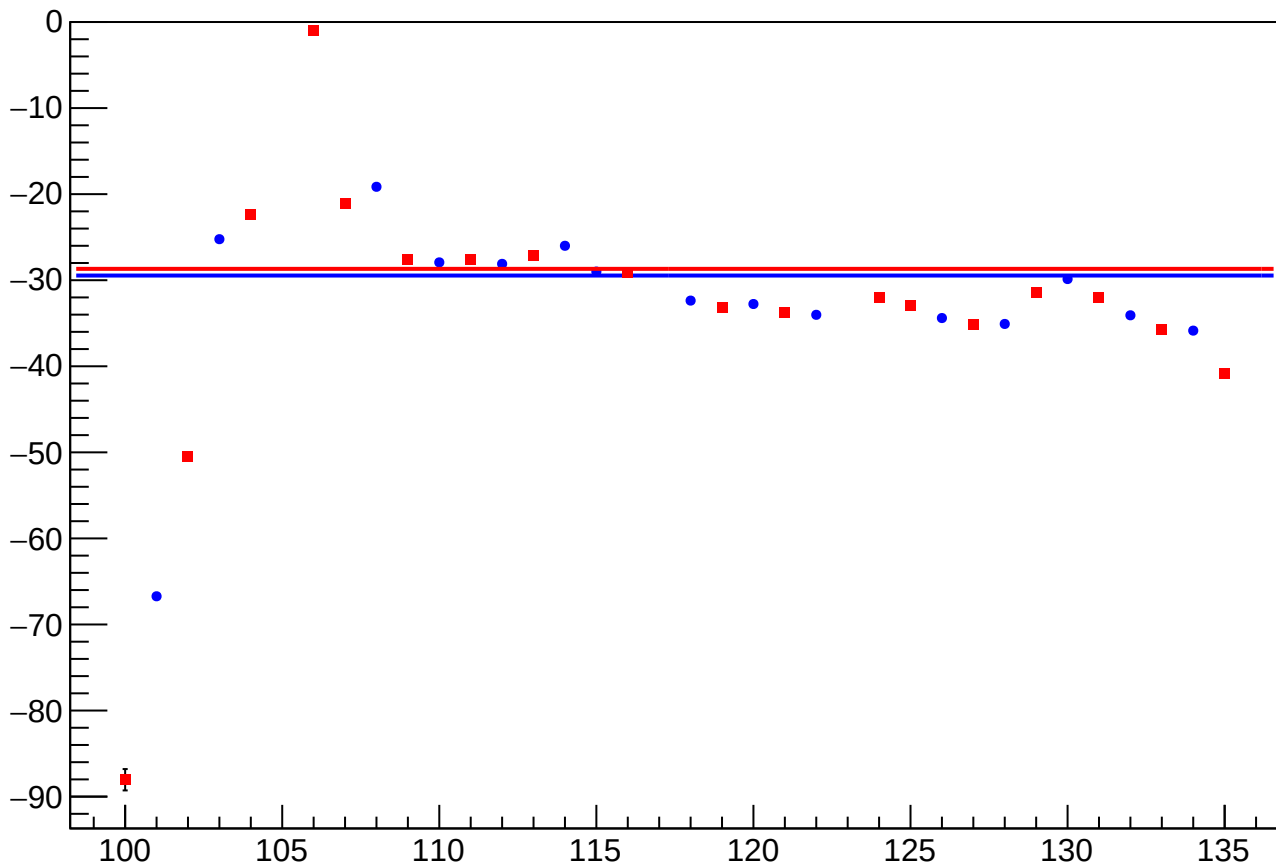
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.794 ± 0.478 χ^2/NDF : 566.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_avg_diff_bpm12X_slope vs Slug



Right In: -29.457 ± 0.043 χ^2/NDF : 26965.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.680 ± 0.039 χ^2/NDF : 90245.8/17

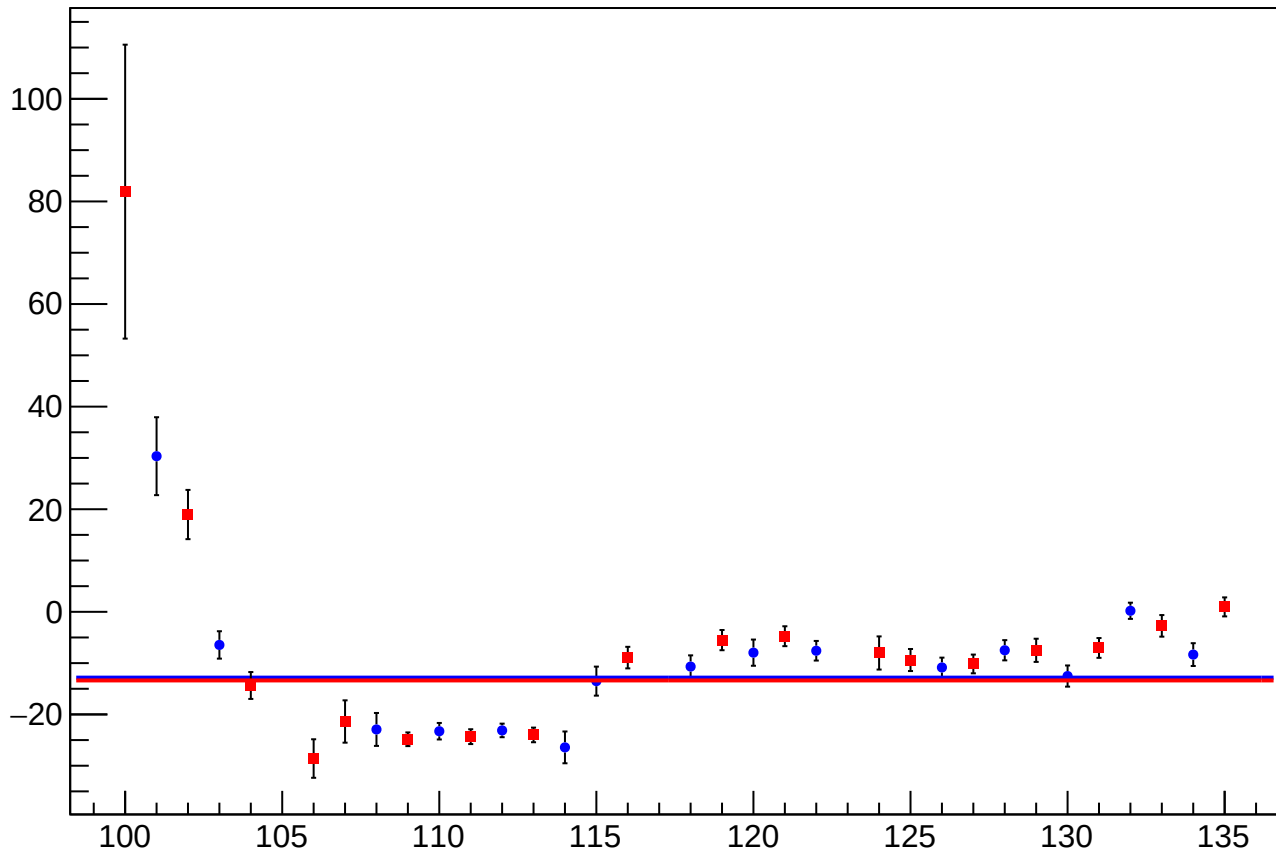
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -29.029 ± 0.029 χ^2/NDF : 117386.9/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm1X_slope vs Slug



Right In: -12.827+/-0.539 χ^2/NDF : 262.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -13.373+/-0.488 χ^2/NDF : 416.2/17

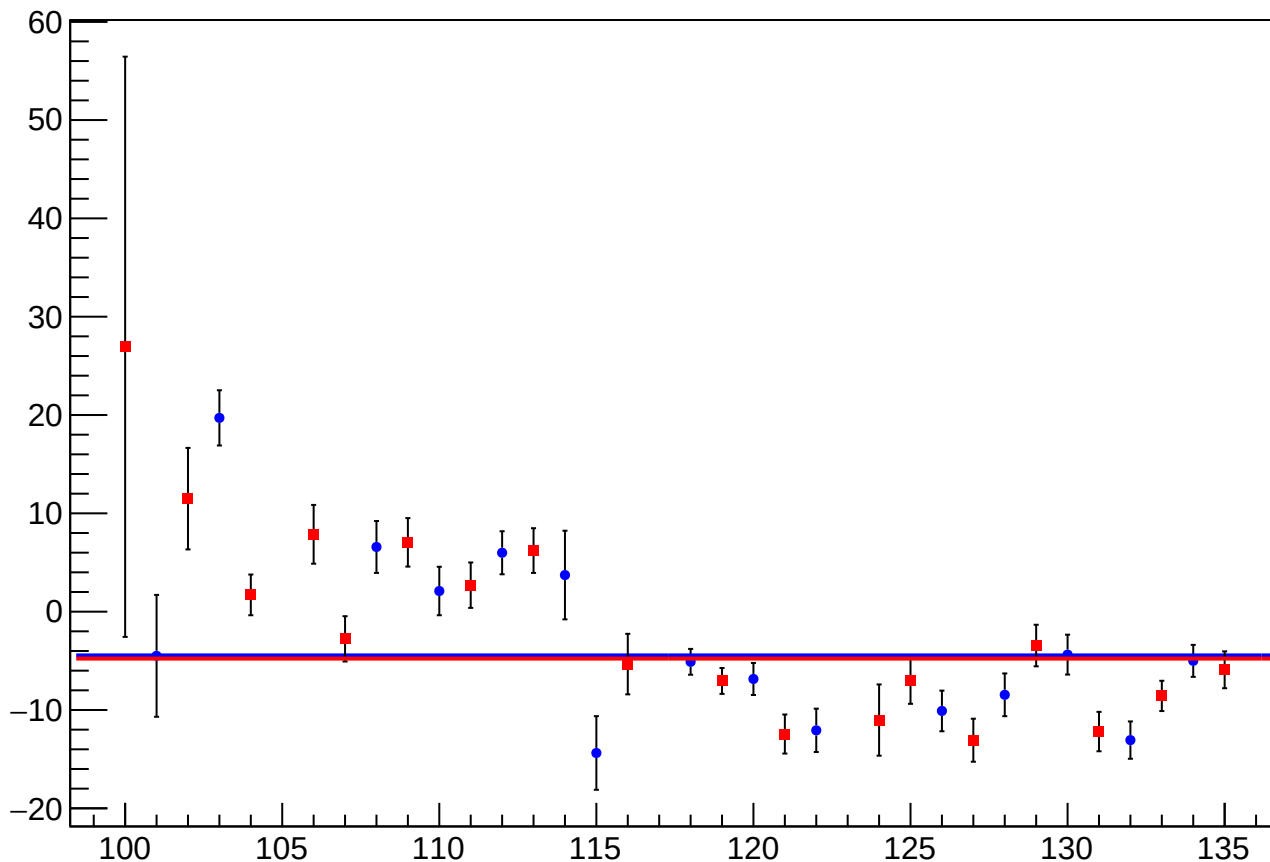
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -13.127+/-0.362 χ^2/NDF : 679.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4aY_slope vs Slug



Right In: -4.450 ± 0.551 χ^2/NDF : 177.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -4.771 ± 0.520 χ^2/NDF : 153.1/17

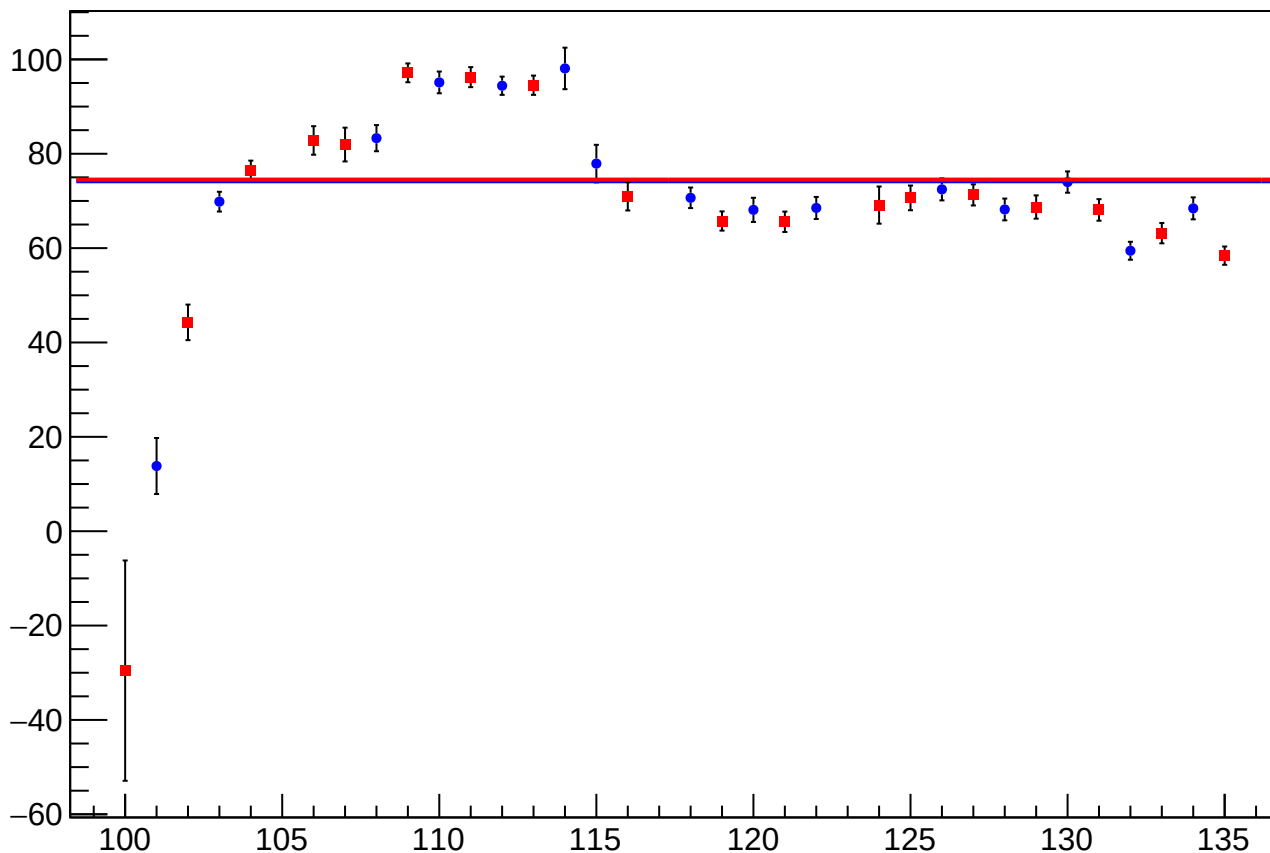
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.620 ± 0.378 χ^2/NDF : 330.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eX_slope vs Slug



Right In: 74.170 $\pm$ 0.629 χ^2 /NDF: 428.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 74.525 $\pm$ 0.575 χ^2 /NDF: 579.9/17

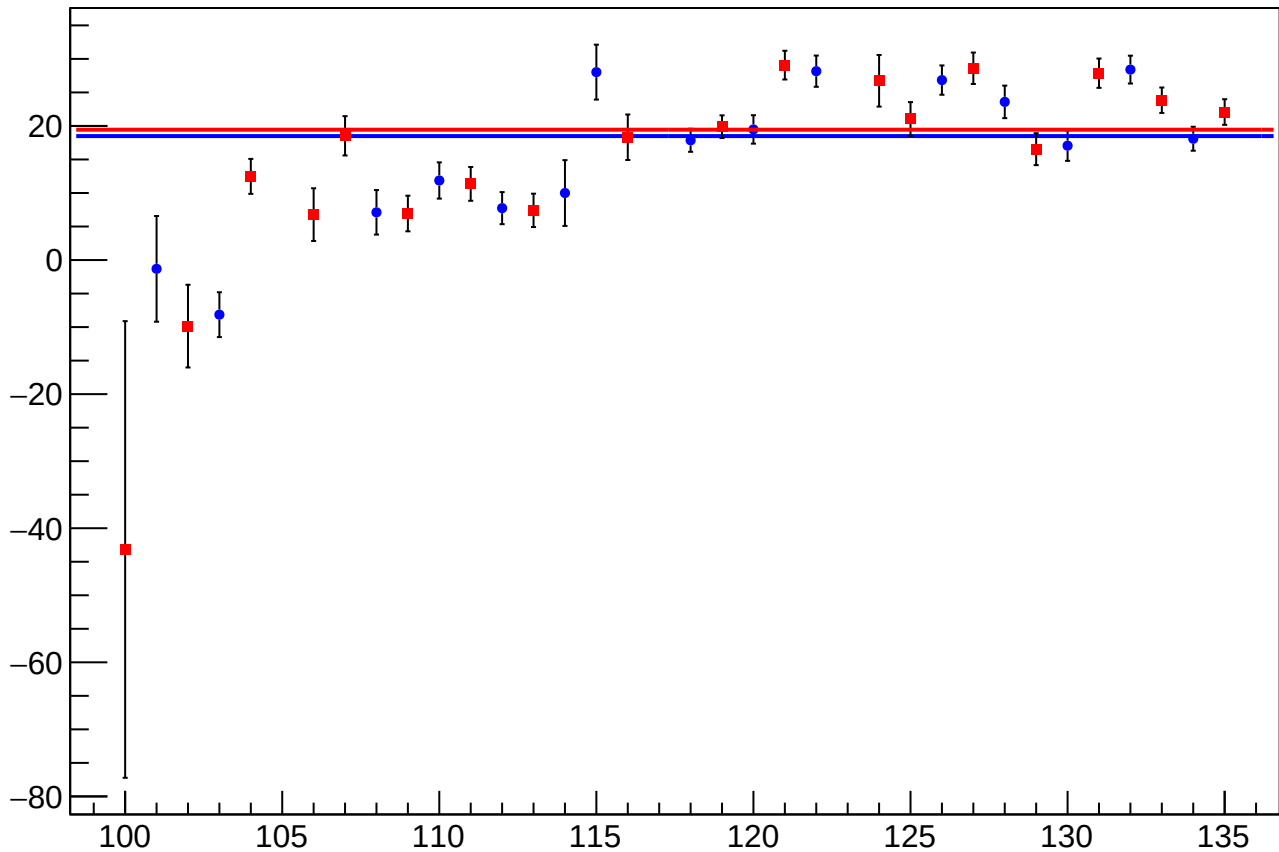
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 74.363 $\pm$ 0.424 χ^2 /NDF: 1008.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm4eY_slope vs Slug



Right In: 18.489 $\pm$ 0.636 χ^2 /NDF: 176.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 19.442 $\pm$ 0.596 χ^2 /NDF: 162.7/17

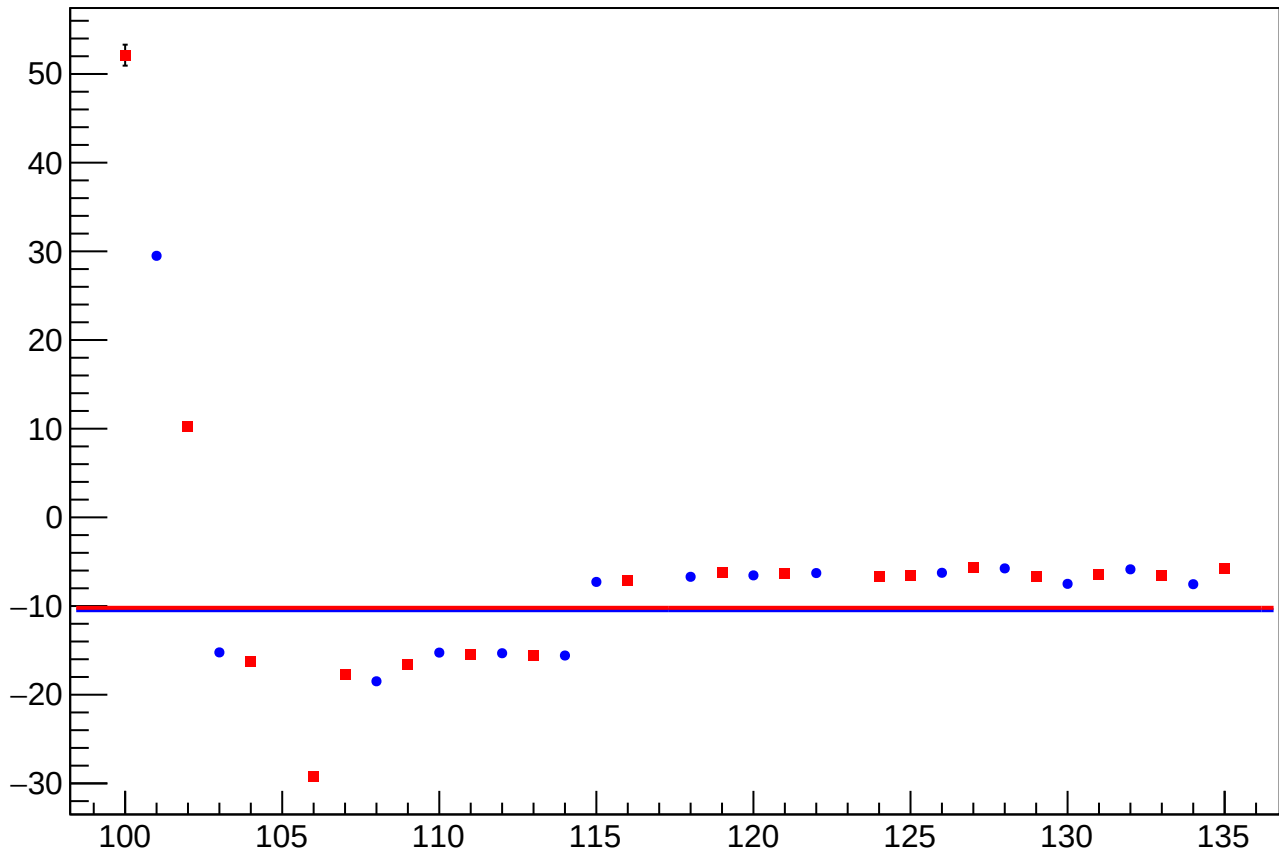
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.996 $\pm$ 0.435 χ^2 /NDF: 339.9/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr1_dd_diff_bpm12X_slope vs Slug



Right In: -10.470+/-0.039 χ^2/NDF : 27706.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -10.199+/-0.036 χ^2/NDF : 52919.6/17

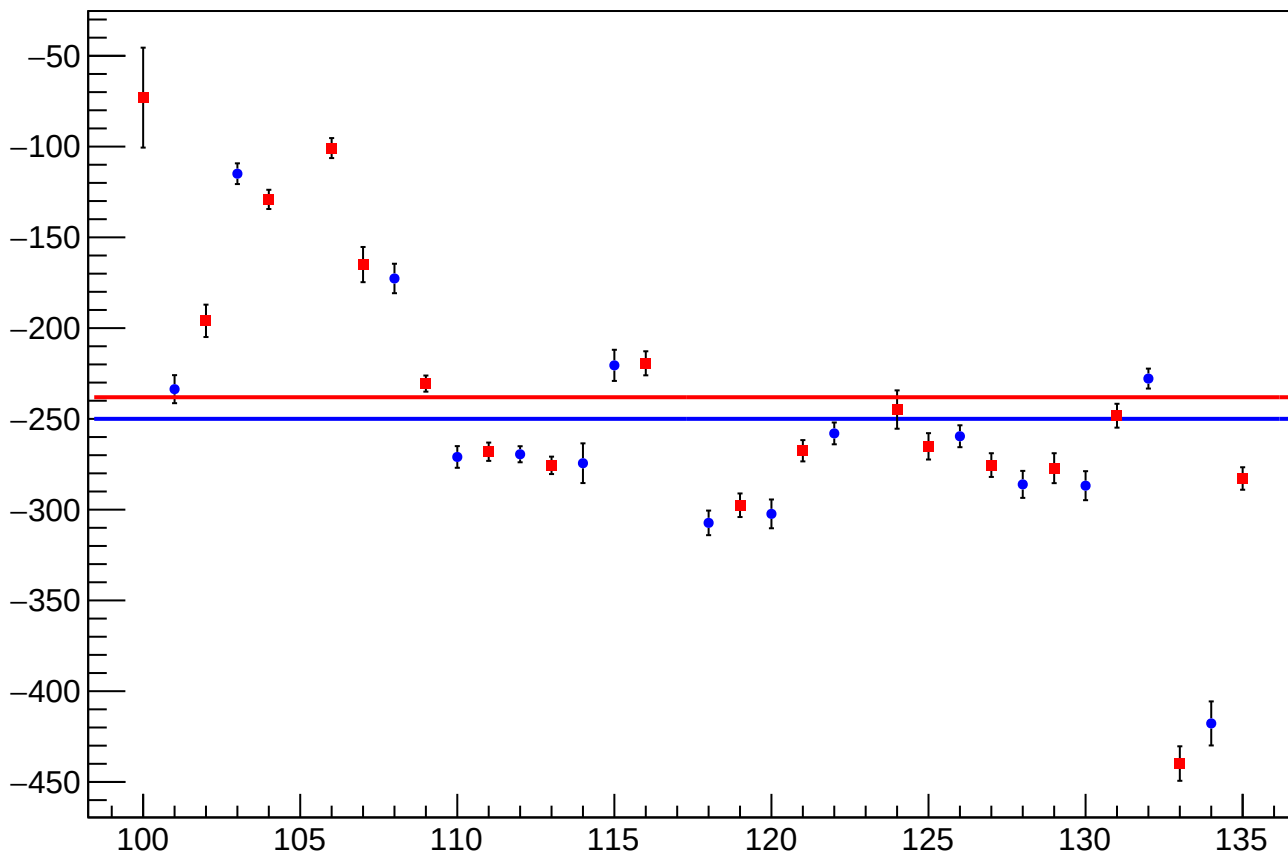
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -10.323+/-0.026 χ^2/NDF : 80652.6/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm1X_slope vs Slug



Right In: -249.977+/-1.740 χ^2/NDF : 1075.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -238.069+/-1.527 χ^2/NDF : 1951.4/17

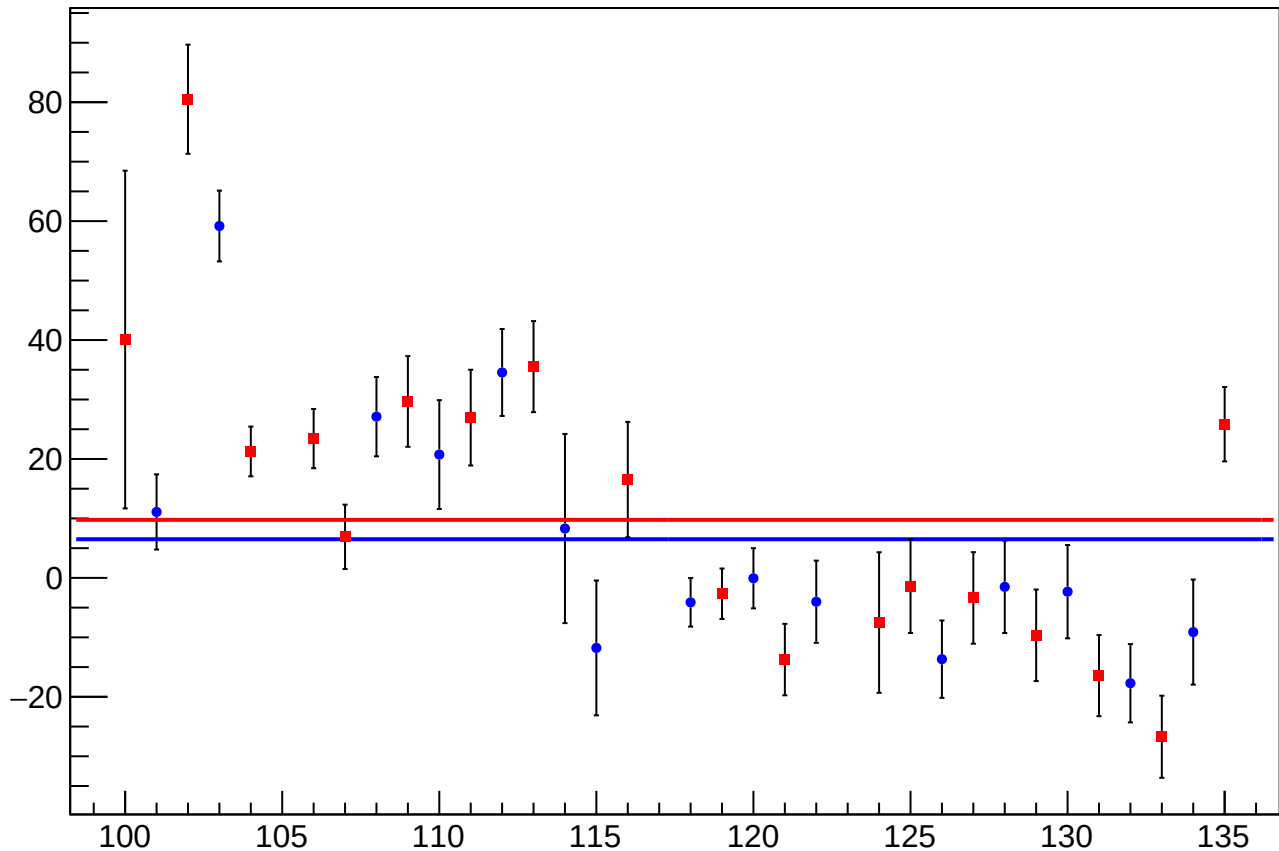
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -243.252+/-1.148 χ^2/NDF : 3052.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4aY_slope vs Slug



Right In: 6.501+/-1.740 χ^2/NDF : 147.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.759+/-1.555 χ^2/NDF : 185.7/17

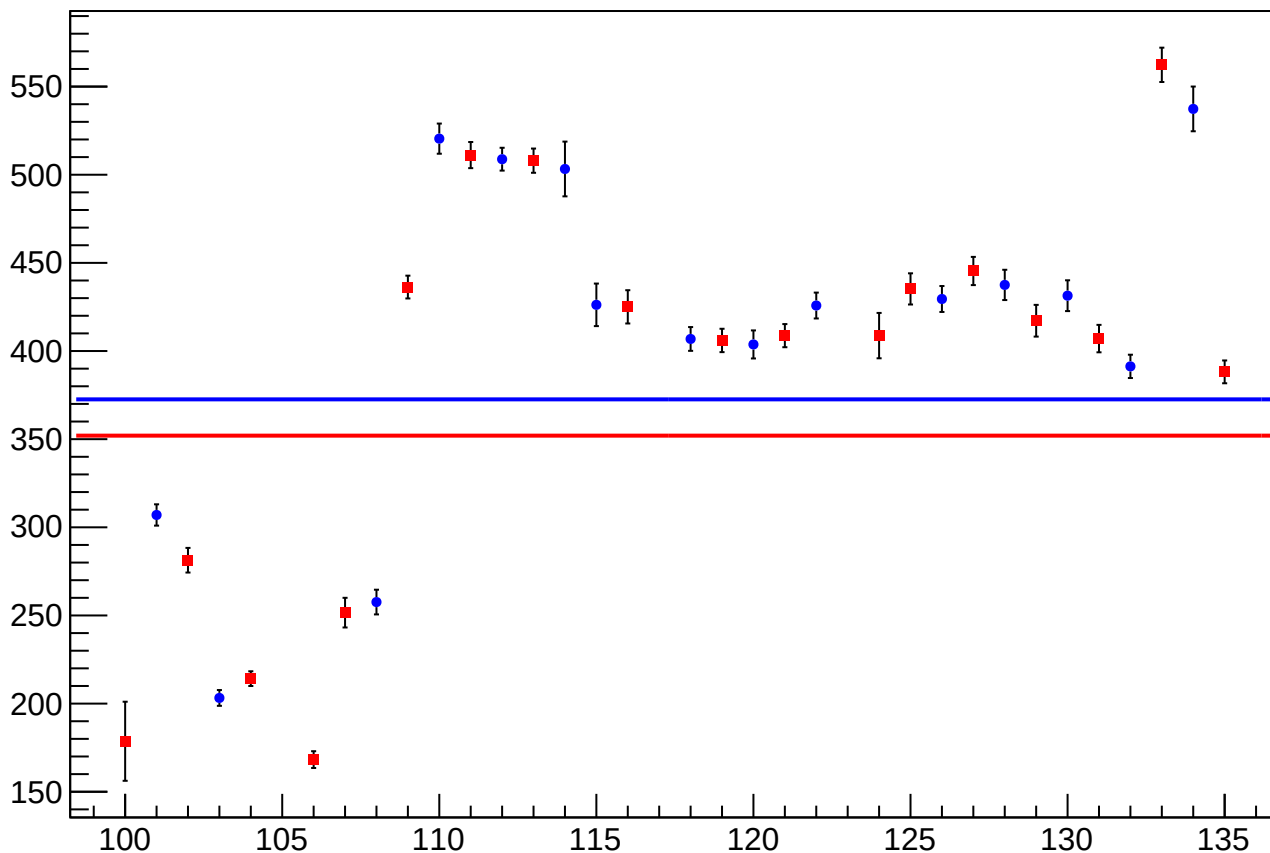
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 8.312+/-1.160 χ^2/NDF : 335.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eX_slope vs Slug



Right In: 372.578+/-1.901 χ^2/NDF : 3080.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 352.001+/-1.675 χ^2/NDF : 5079.7/17

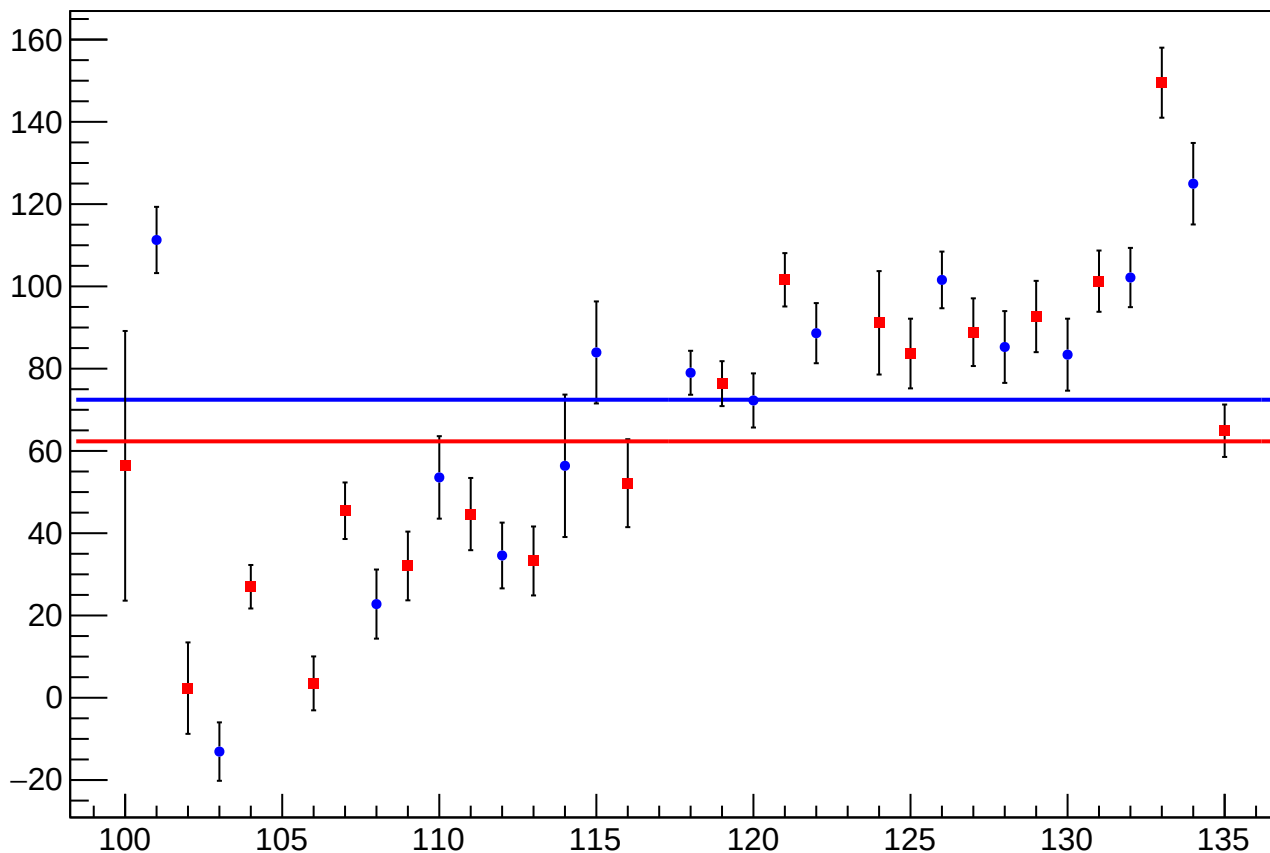
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 360.993+/-1.257 χ^2/NDF : 8226.2/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_avg_diff_bpm4eY_slope vs Slug



Right In: 72.448 $\pm$ 2.048 χ^2 /NDF: 304.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 62.331 $\pm$ 1.821 χ^2 /NDF: 400.6/17

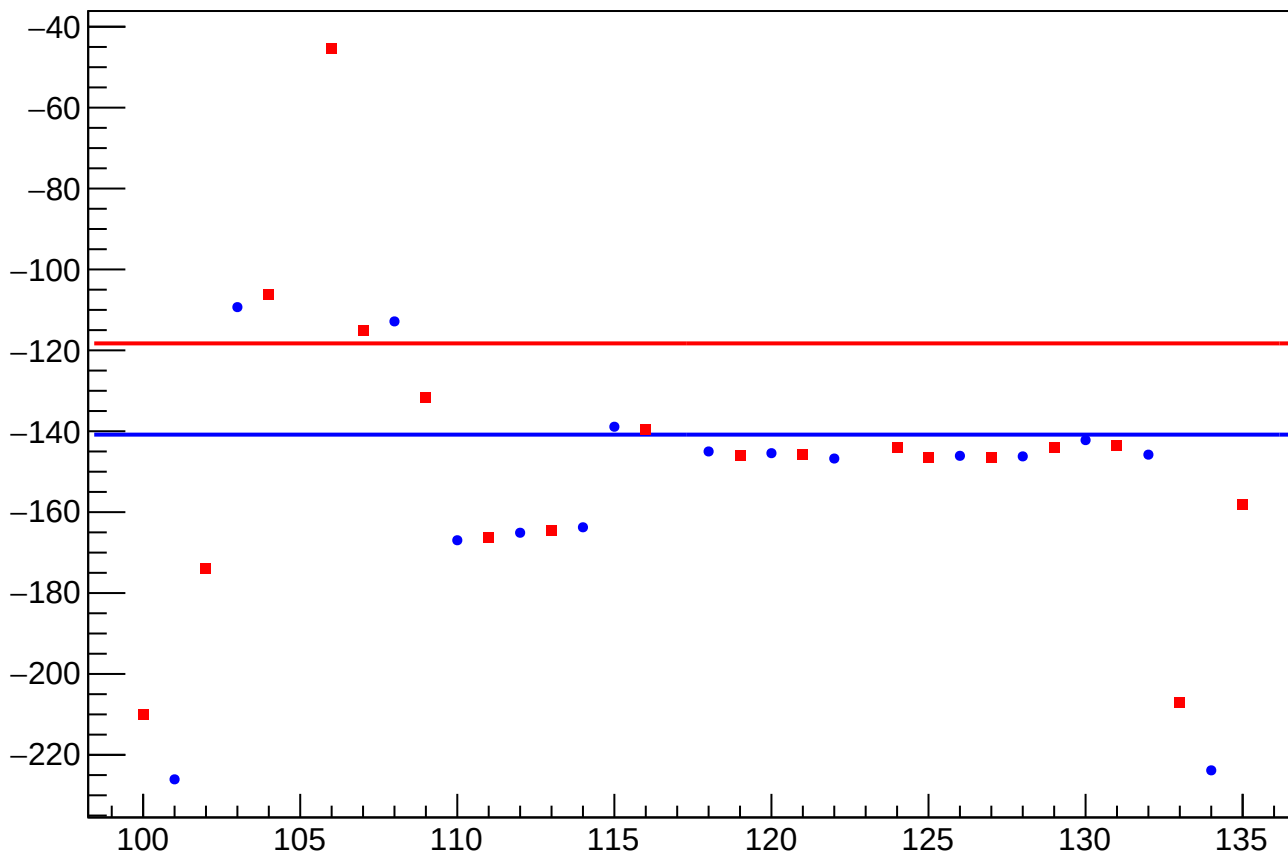
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 66.797 $\pm$ 1.361 χ^2 /NDF: 718.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_avg_diff_bpm12X_slope vs Slug



Right In: -140.836+/-0.112 χ^2/NDF : 125333.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -118.281+/-0.091 χ^2/NDF : 261855.1/17

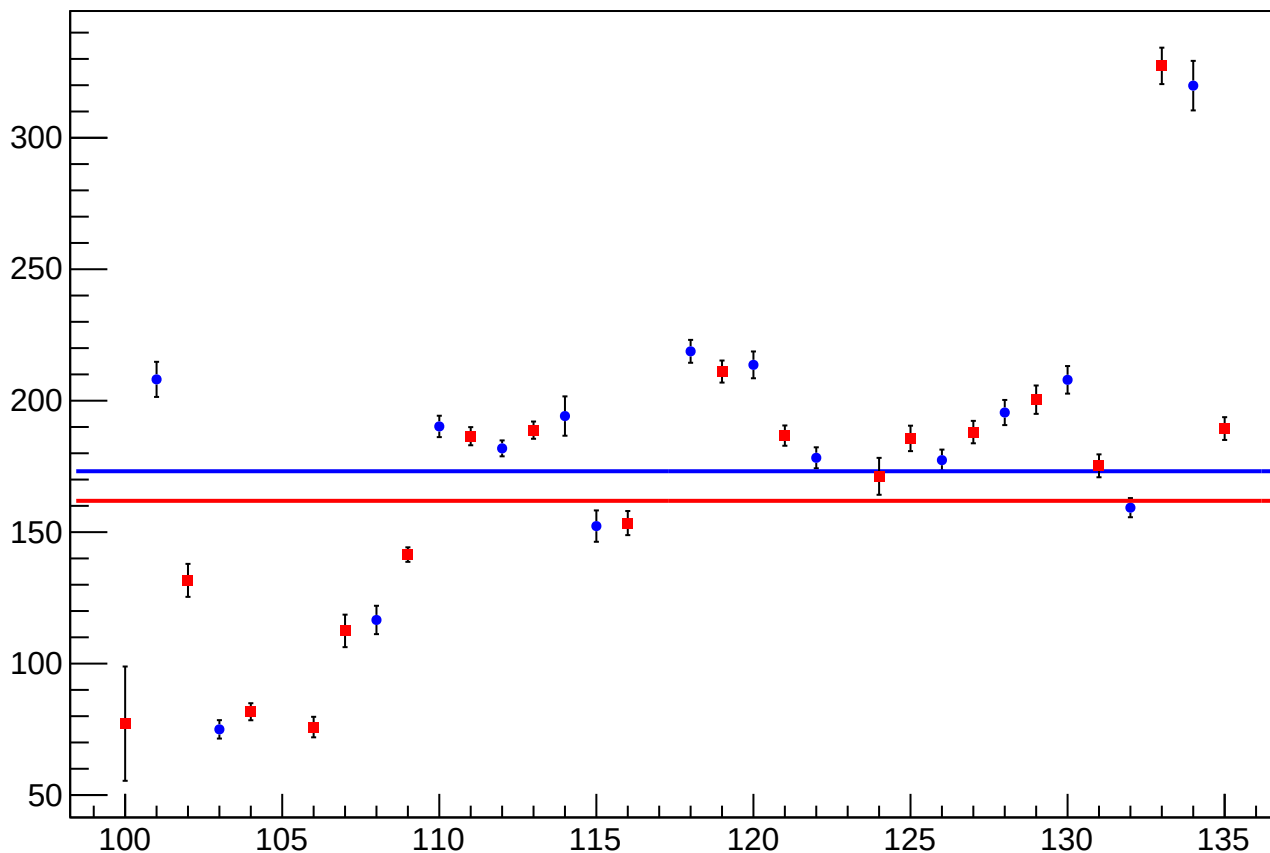
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -127.217+/-0.071 χ^2/NDF : 411642.1/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm1X_slope vs Slug



Right In: 173.169+/-1.165 χ^2/NDF : 1467.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 161.911+/-1.014 χ^2/NDF : 2290.6/17

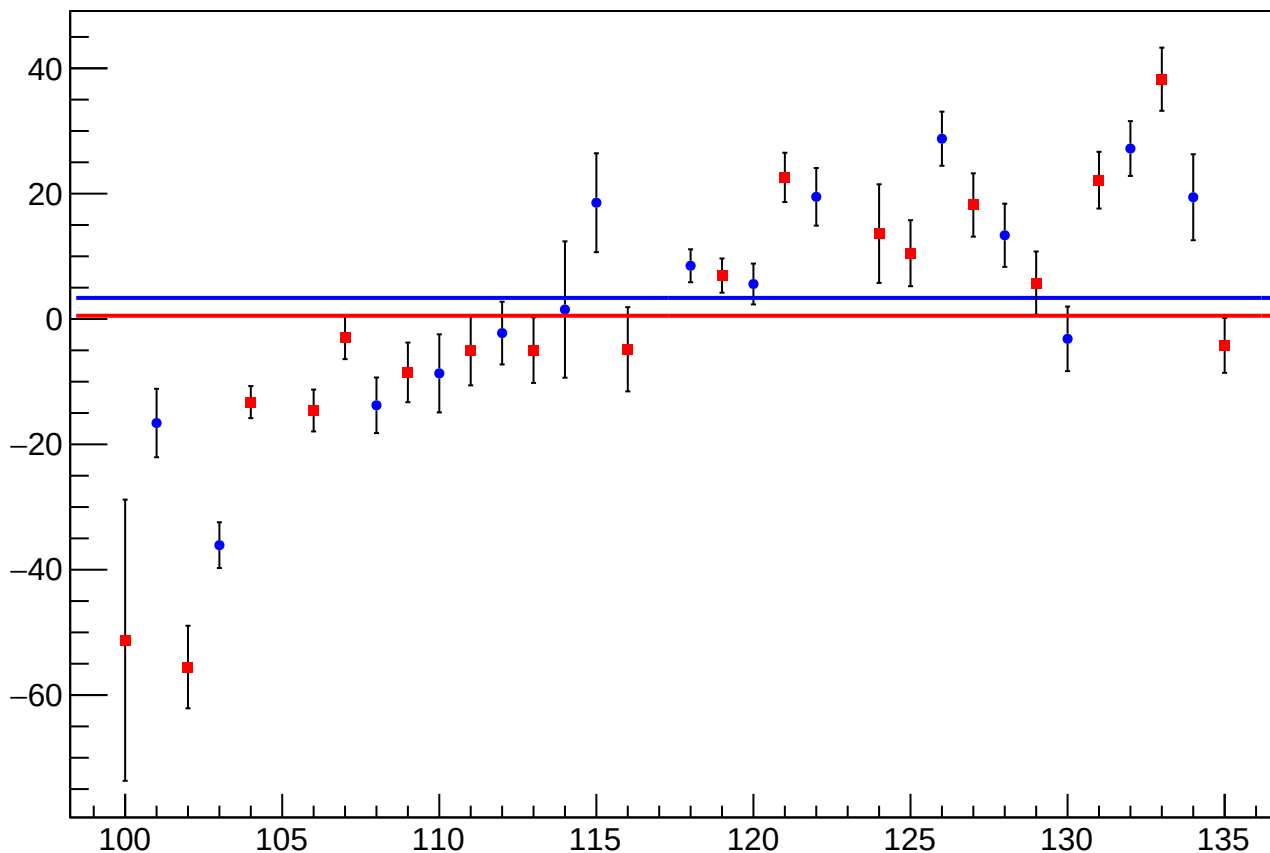
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 166.763+/-0.765 χ^2/NDF : 3811.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4aY_slope vs Slug



Right In: 3.367+/-1.162 χ^2/NDF : 245.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 0.521+/-1.022 χ^2/NDF : 271.4/17

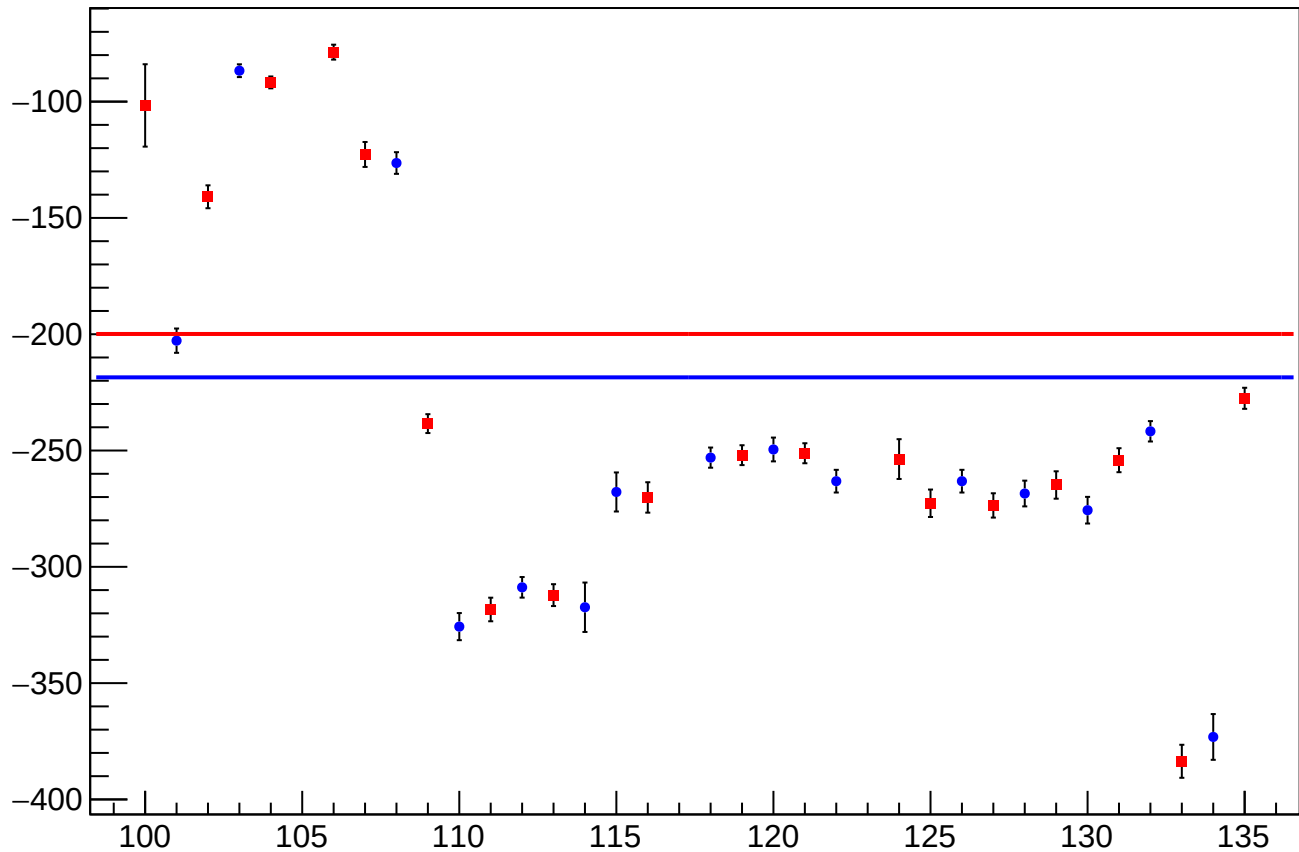
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.762+/-0.767 χ^2/NDF : 520.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eX_slope vs Slug



Right In: -218.541+/-1.271 χ^2 /NDF: 4299.1/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -199.891+/-1.104 χ^2 /NDF: 6539.9/17

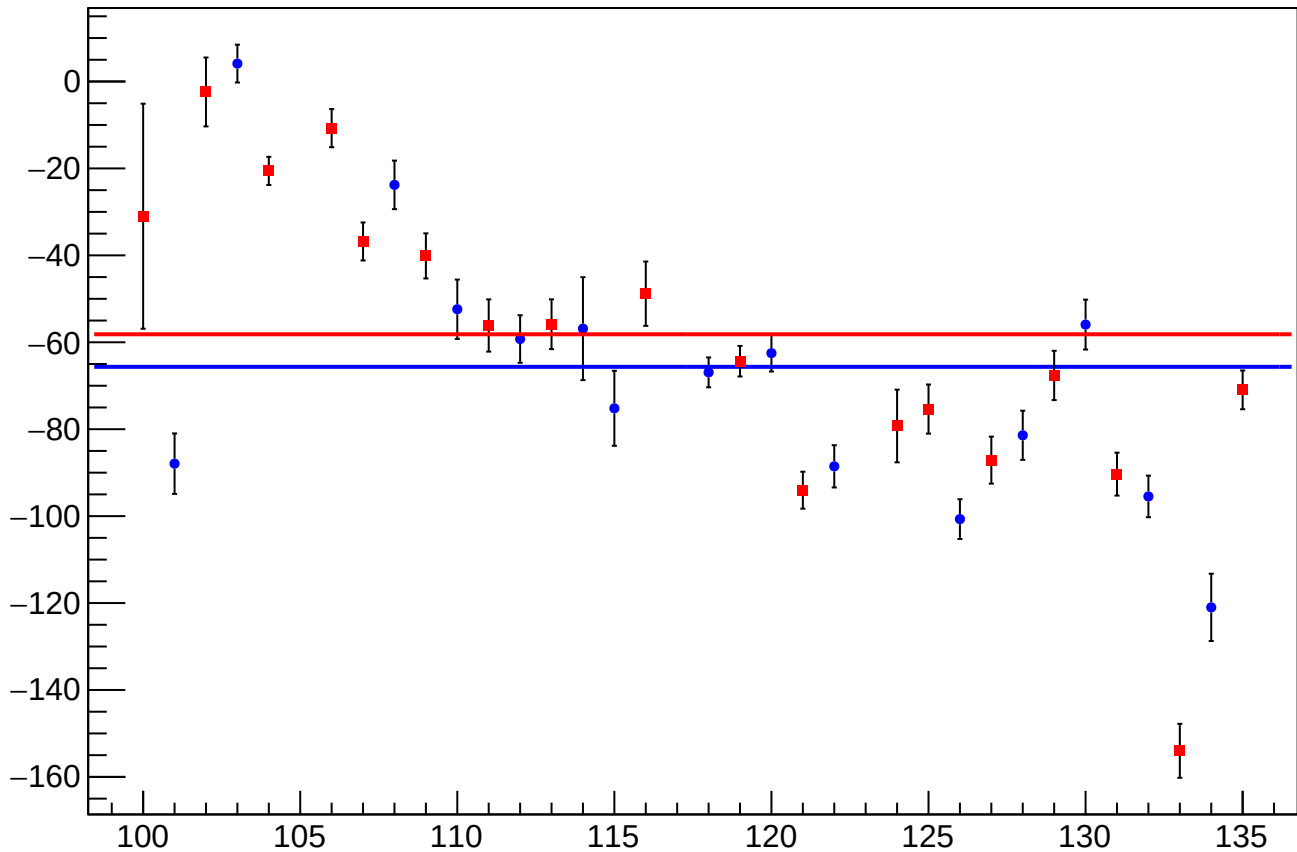
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -207.913+/-0.833 χ^2 /NDF: 10961.7/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_usr_atr2_dd_diff_bpm4eY_slope vs Slug



Right In: -65.648 ± 1.369 χ^2/NDF : 512.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -58.158 ± 1.199 χ^2/NDF : 750.5/17

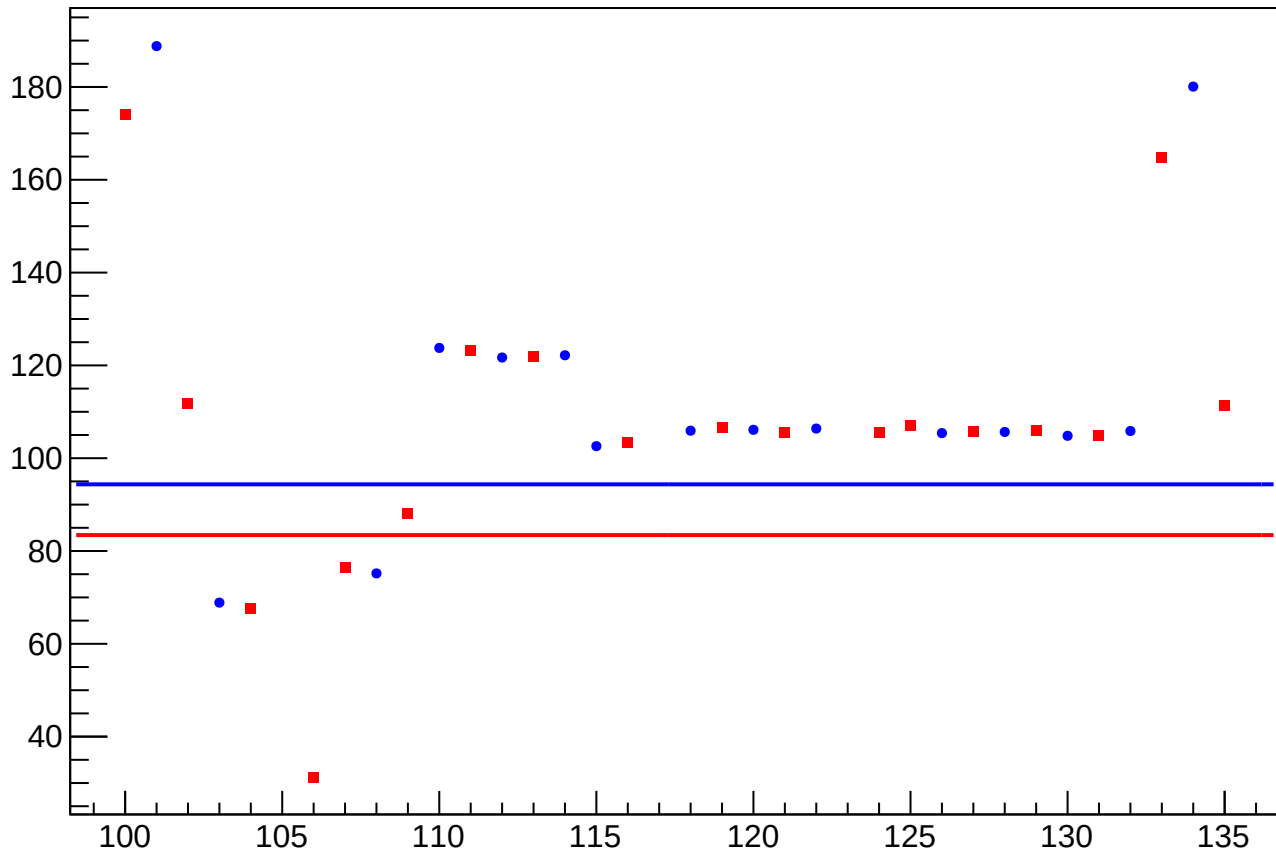
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -61.411 ± 0.902 χ^2/NDF : 1279.8/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_usr_atr2_dd_diff_bpm12X_slope vs Slug



Right In: 94.369+/-0.074 χ^2/NDF : 214299.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 83.429+/-0.062 χ^2/NDF : 260786.2/17

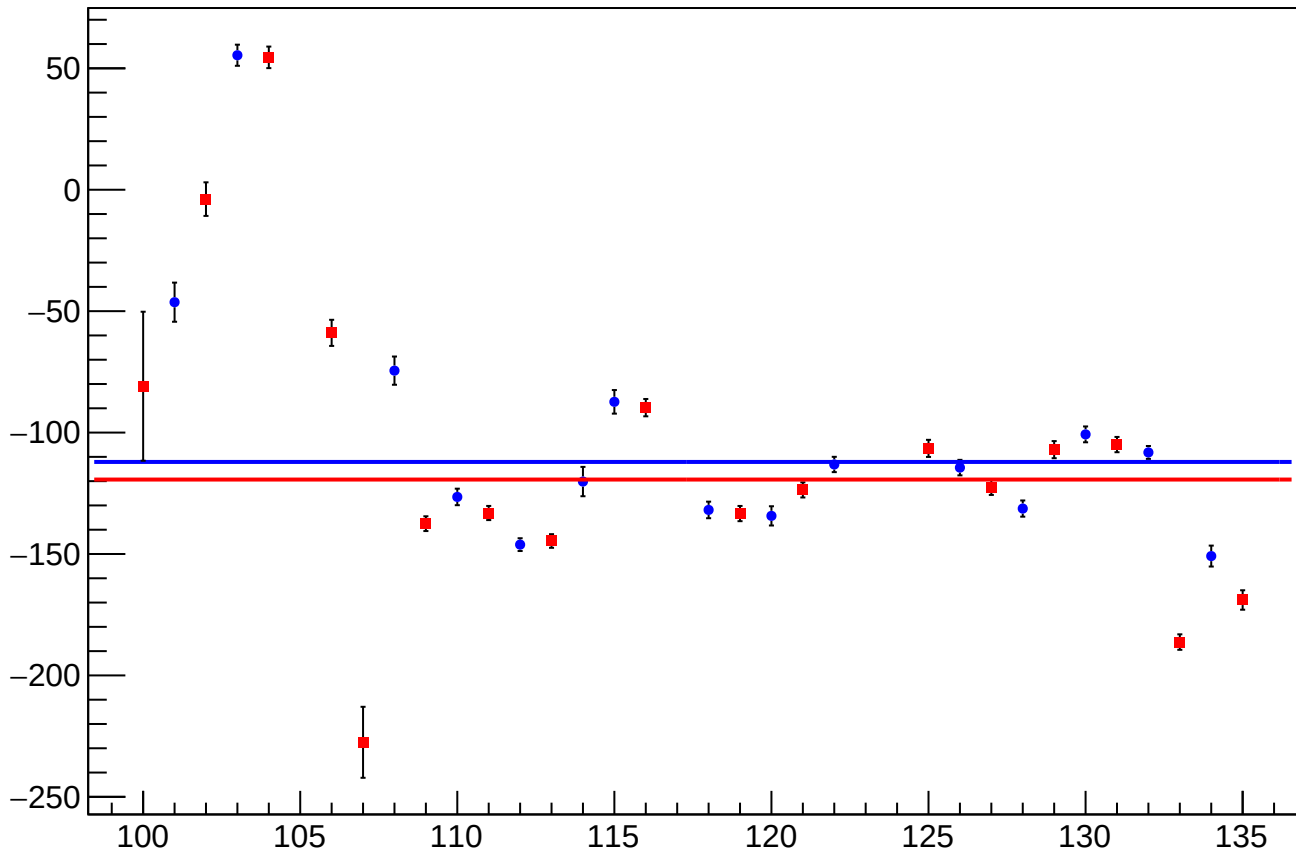
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 87.913+/-0.047 χ^2/NDF : 487927.9/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -112.090 ± 0.942 $\chi^2/\text{NDF}: 1997.2/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -119.342 ± 0.885 $\chi^2/\text{NDF}: 2869.9/16$

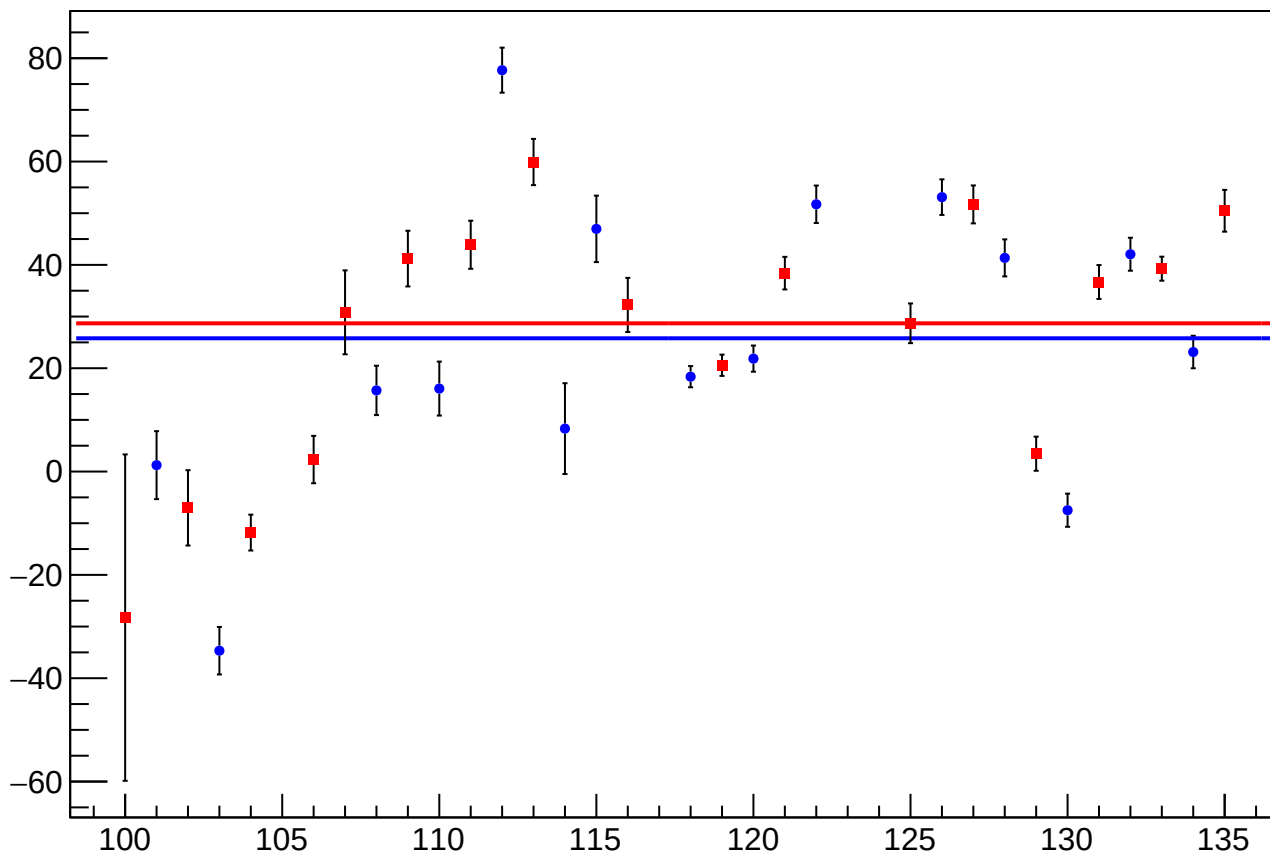
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -115.943 ± 0.645 $\chi^2/\text{NDF}: 4898.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 25.792 $\pm$ 0.925 χ^2 /NDF: 634.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 28.688 $\pm$ 0.897 χ^2 /NDF: 440.1/16

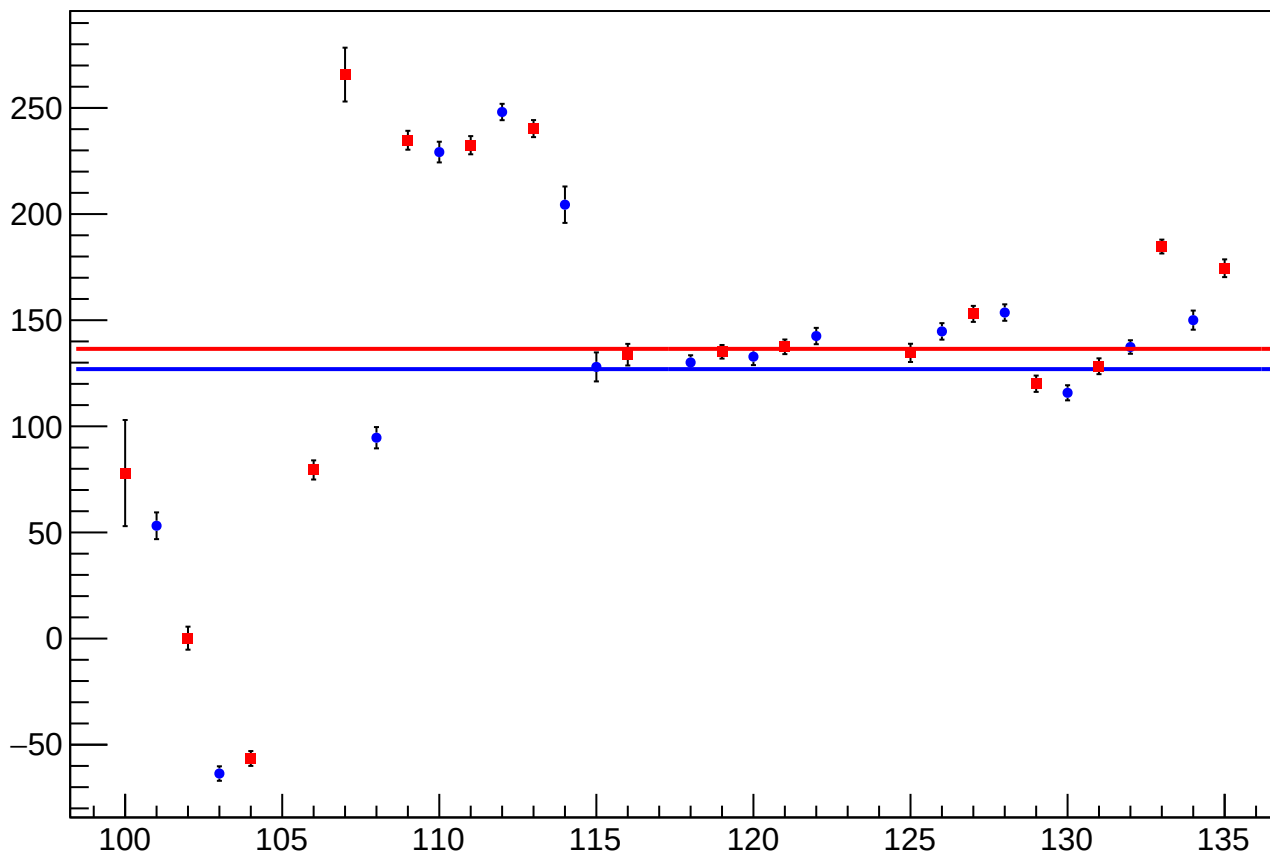
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 27.284 $\pm$ 0.644 χ^2 /NDF: 1079.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 126.952 $\pm$ 1.071 χ^2 /NDF: 4933.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 136.494 $\pm$ 1.013 χ^2 /NDF: 5943.4/16

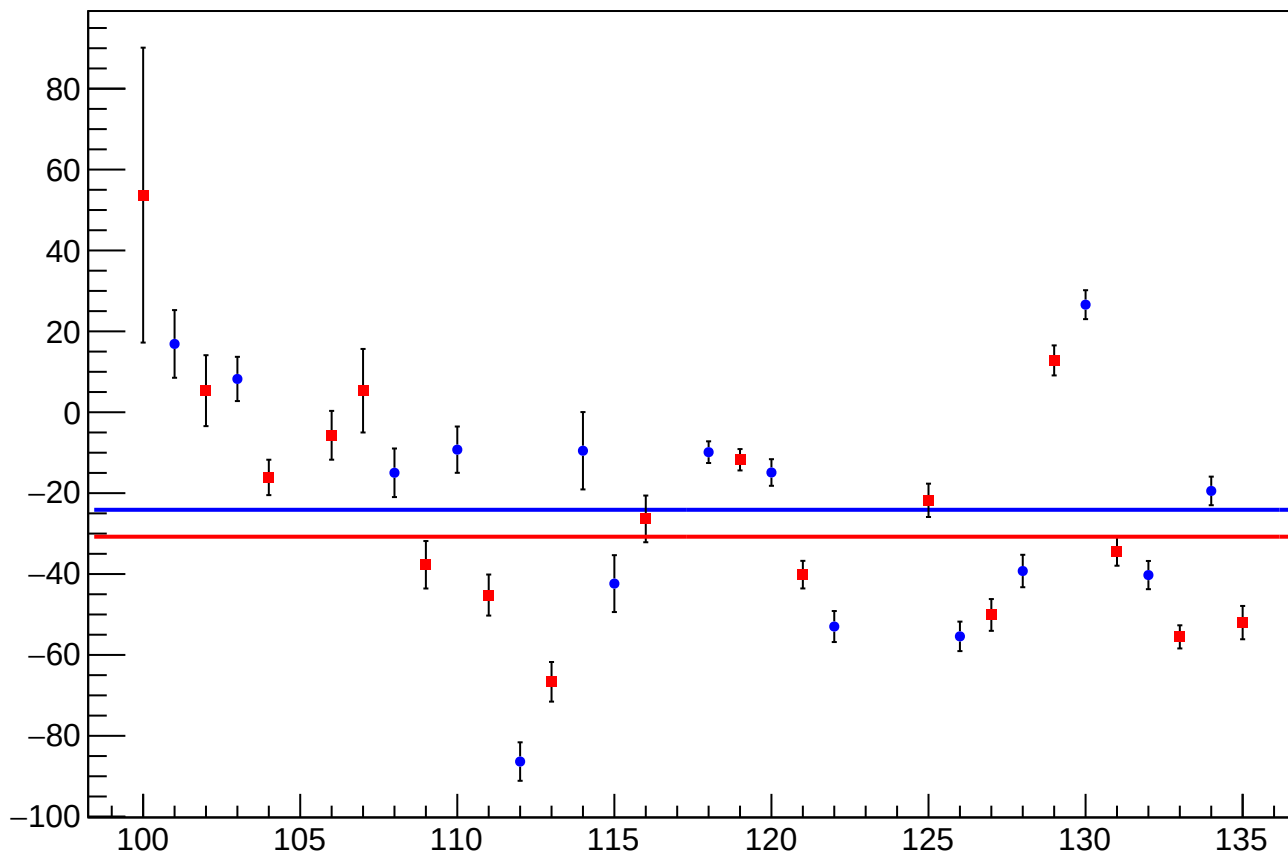
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 131.991 $\pm$ 0.736 χ^2 /NDF: 10919.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: -24.115 ± 1.079 χ^2/NDF : 653.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -30.768 ± 1.038 χ^2/NDF : 455.5/16

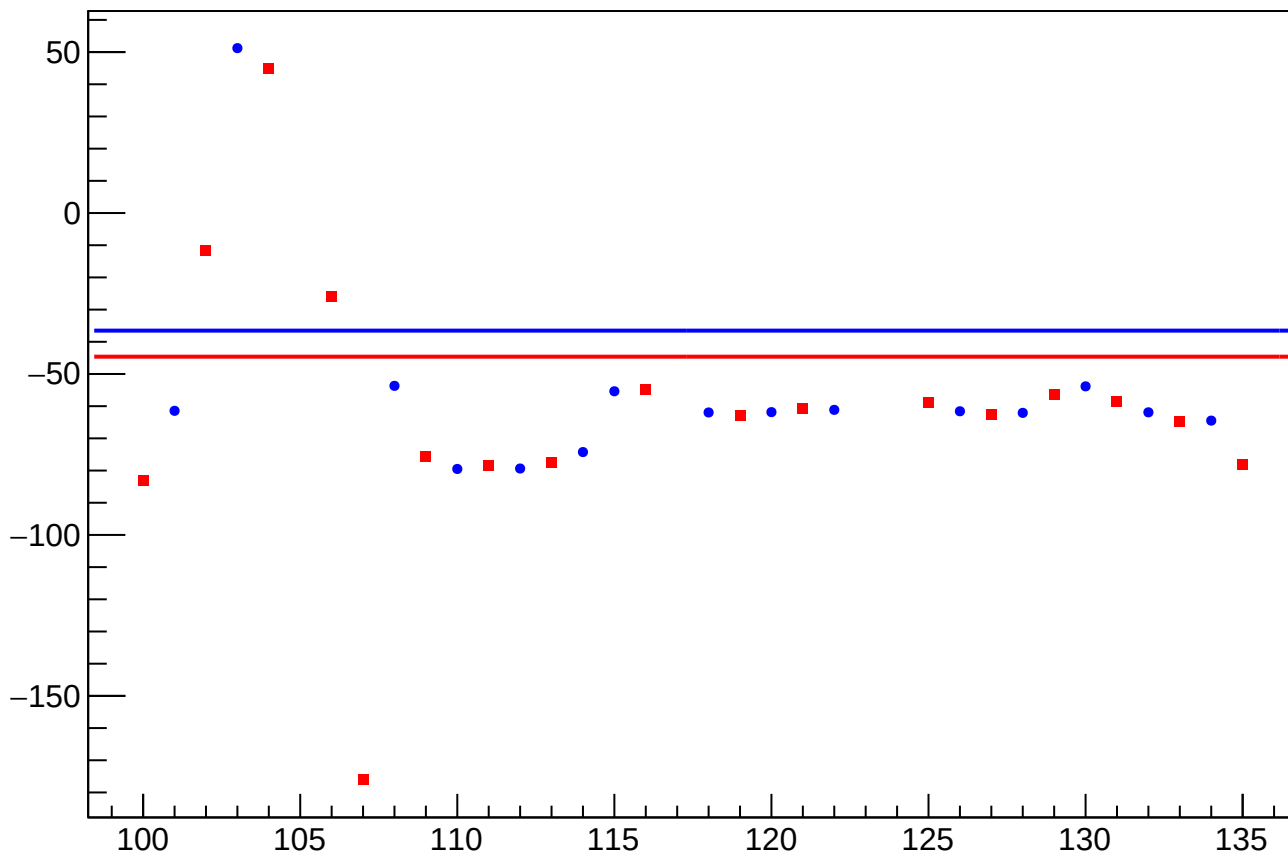
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -27.570 ± 0.748 χ^2/NDF : 1128.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -36.530+/-0.068 χ^2/NDF : 500927.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -44.623+/-0.064 χ^2/NDF : 479626.5/16

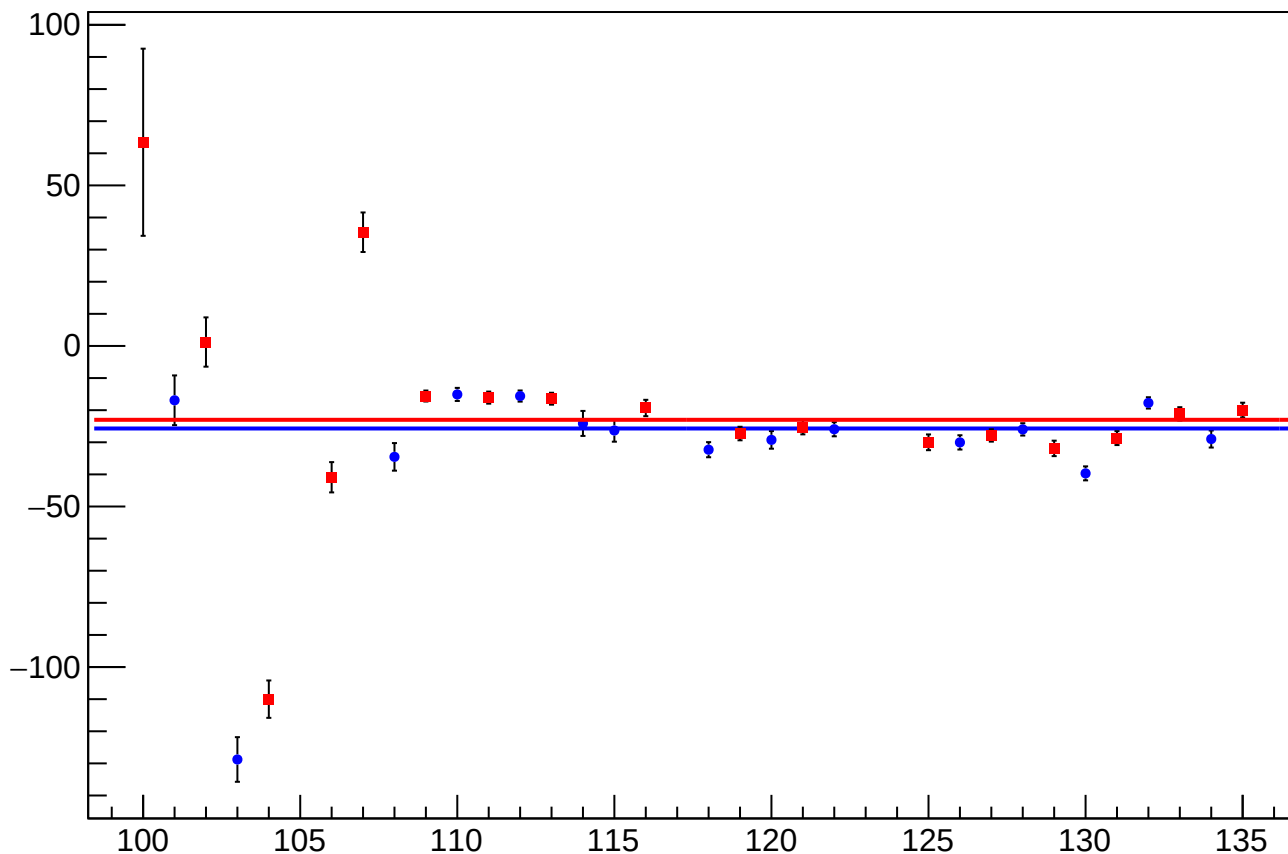
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -40.811+/-0.047 χ^2/NDF : 988075.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: -25.705+/-0.635 χ^2/NDF : 363.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -22.999+/-0.591 χ^2/NDF : 436.5/16

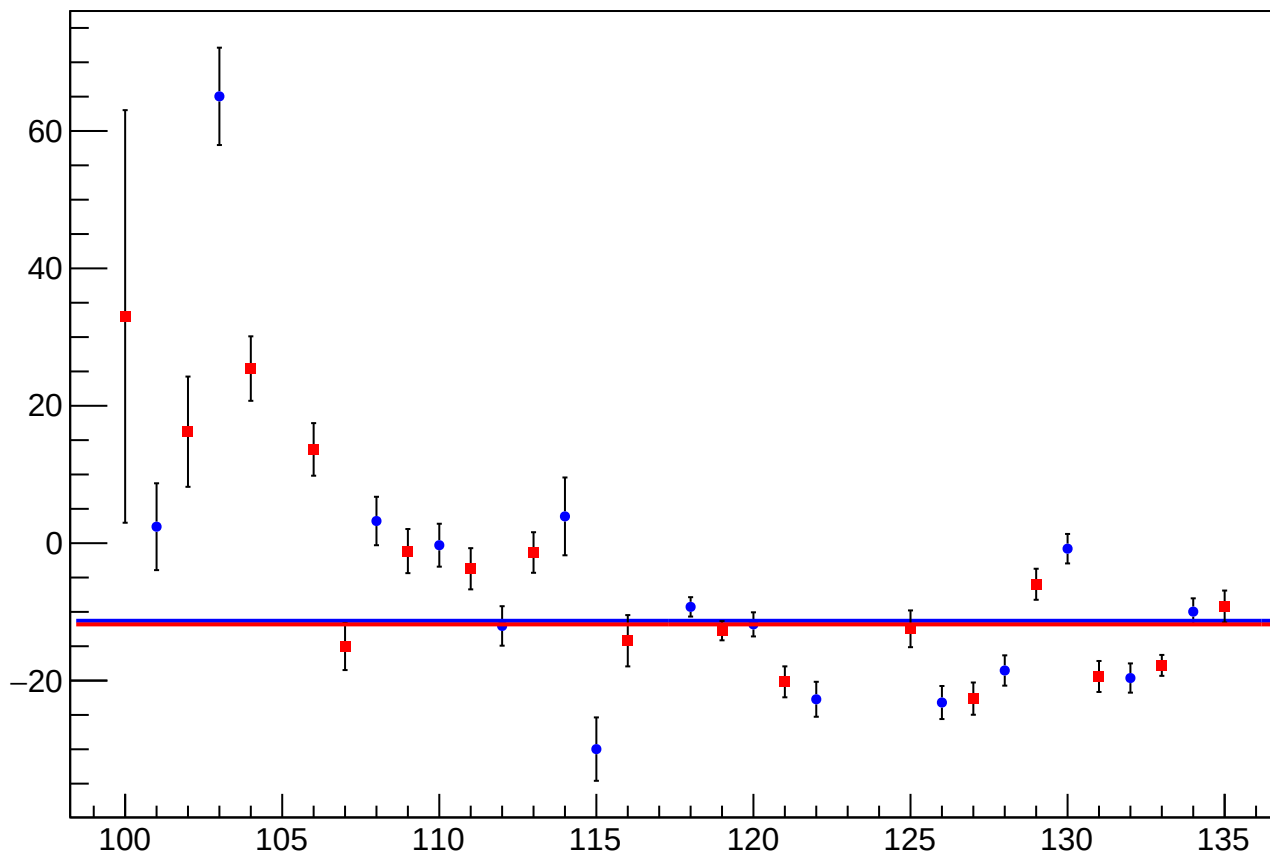
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -24.254+/-0.433 χ^2/NDF : 809.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -11.297+/-0.634 χ^2/NDF : 271.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -11.820+/-0.614 χ^2/NDF : 223.9/16

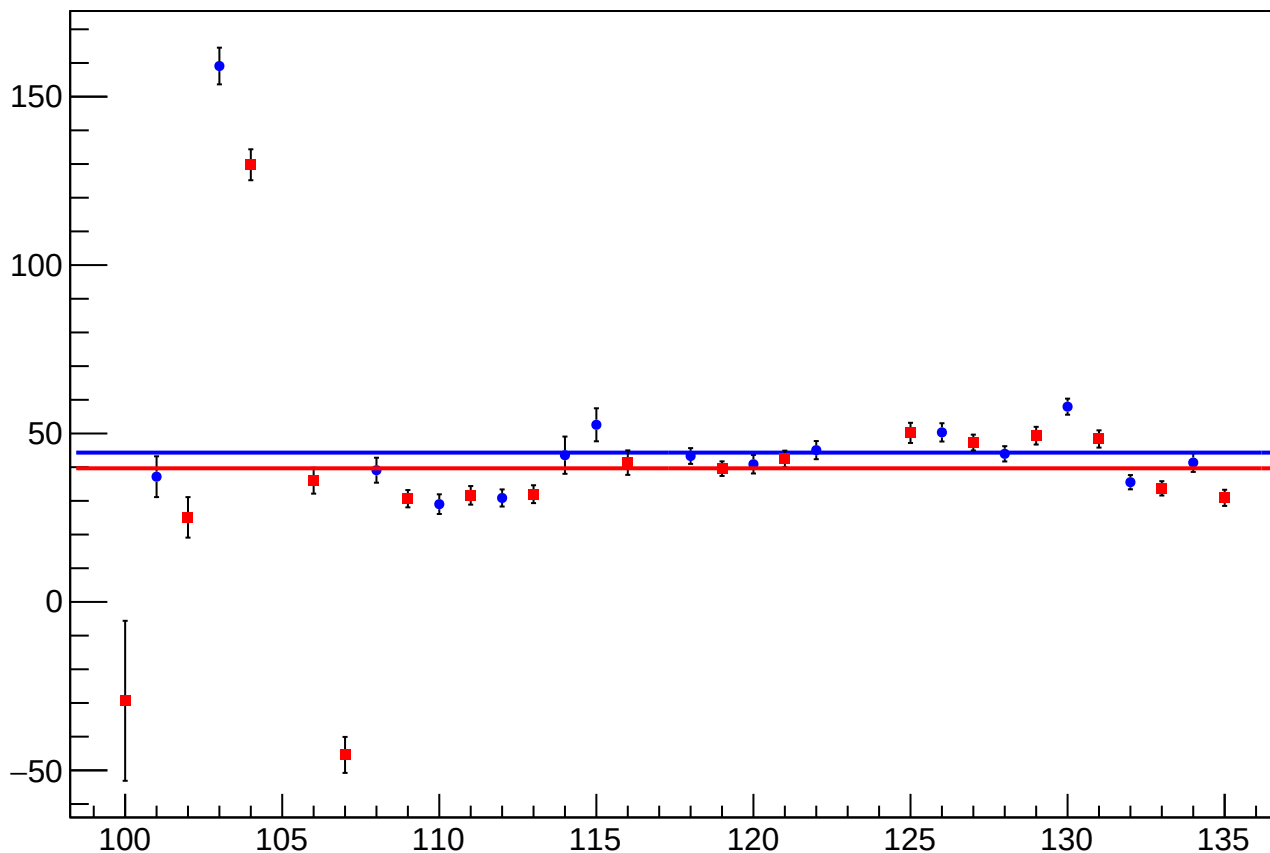
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -11.567+/-0.441 χ^2/NDF : 495.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: 44.327+/-0.747 χ^2 /NDF: 563.6/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 39.668+/-0.700 χ^2 /NDF: 753.7/16

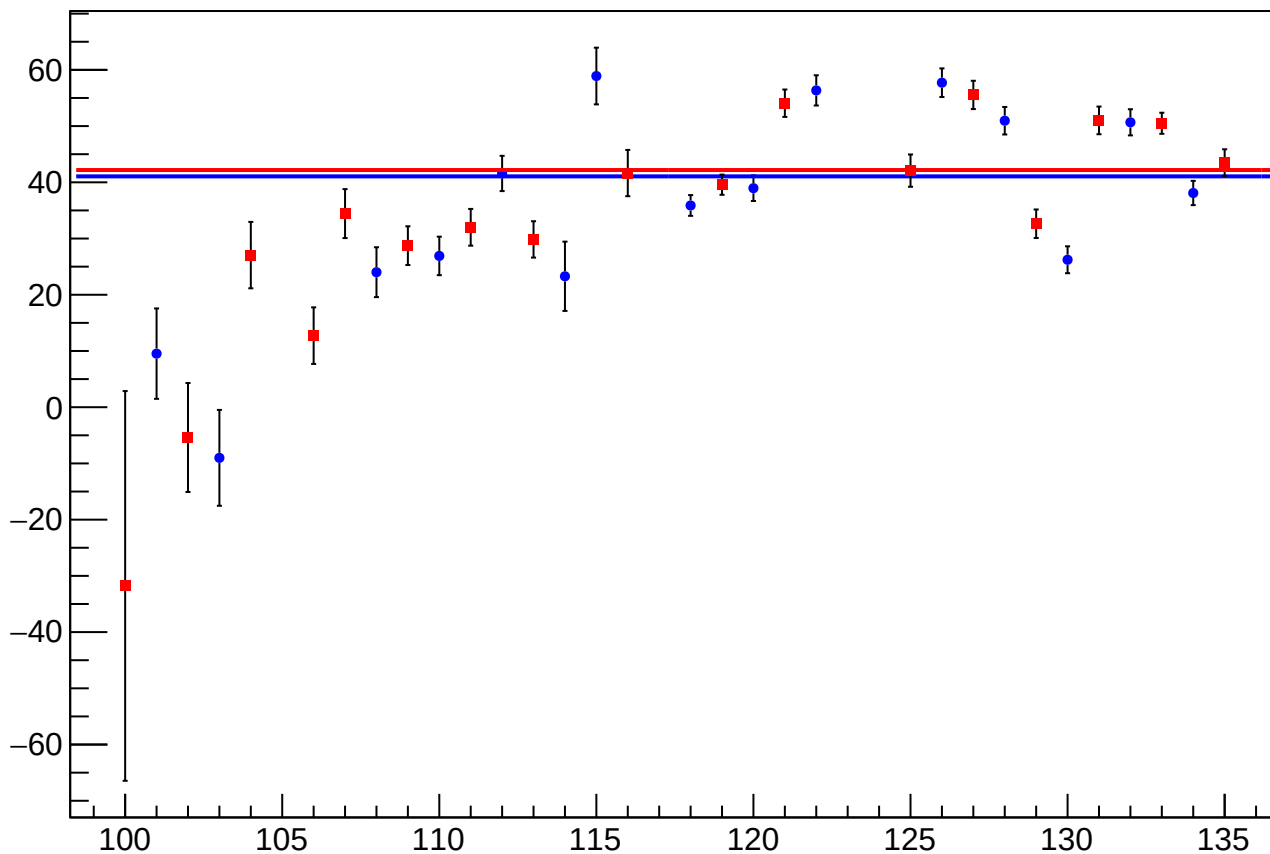
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 41.844+/-0.511 χ^2 /NDF: 1338.0/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: 41.057+/-0.735 χ^2/NDF : 260.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 42.186+/-0.706 χ^2/NDF : 213.4/16

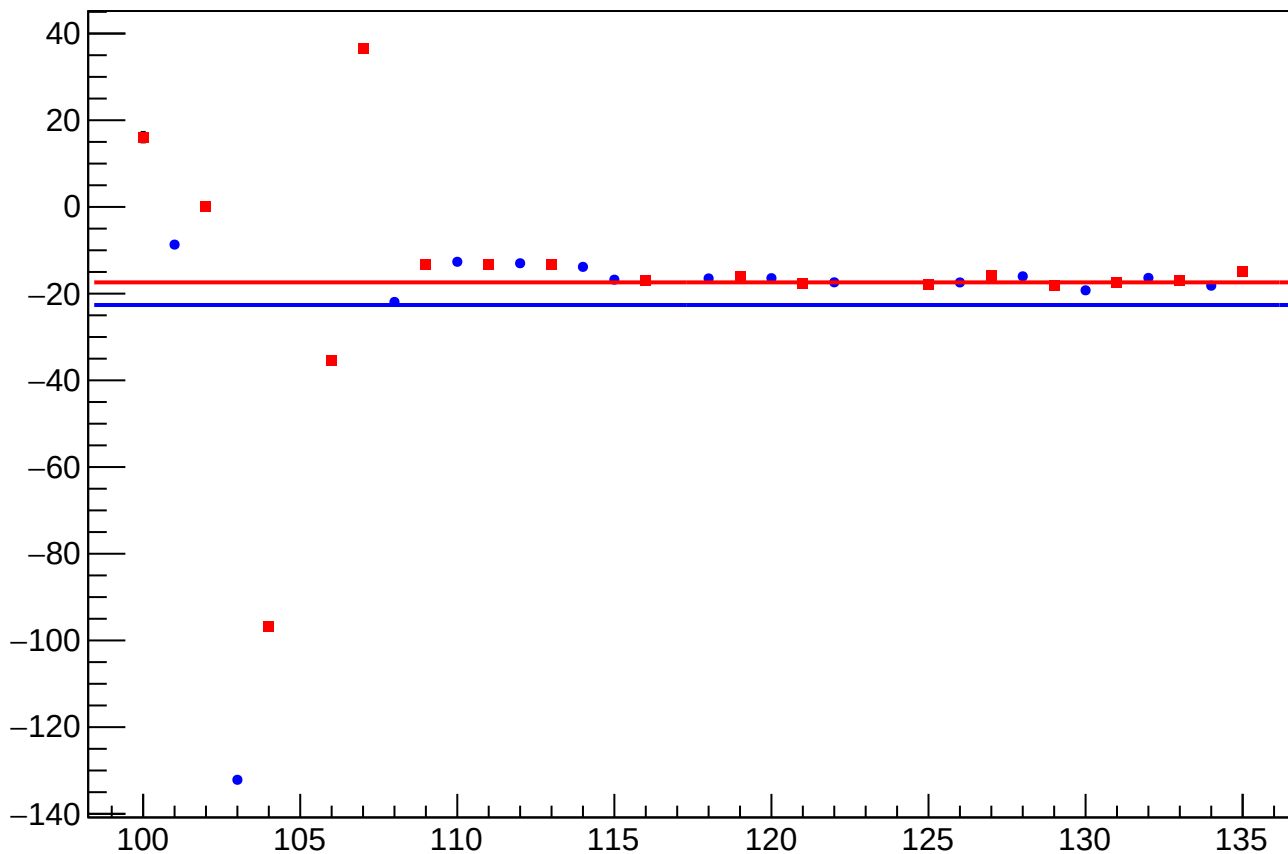
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 41.644+/-0.509 χ^2/NDF : 474.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at1lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: -22.621 ± 0.050 χ^2/NDF : 239282.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -17.400 ± 0.046 χ^2/NDF : 204478.3/16

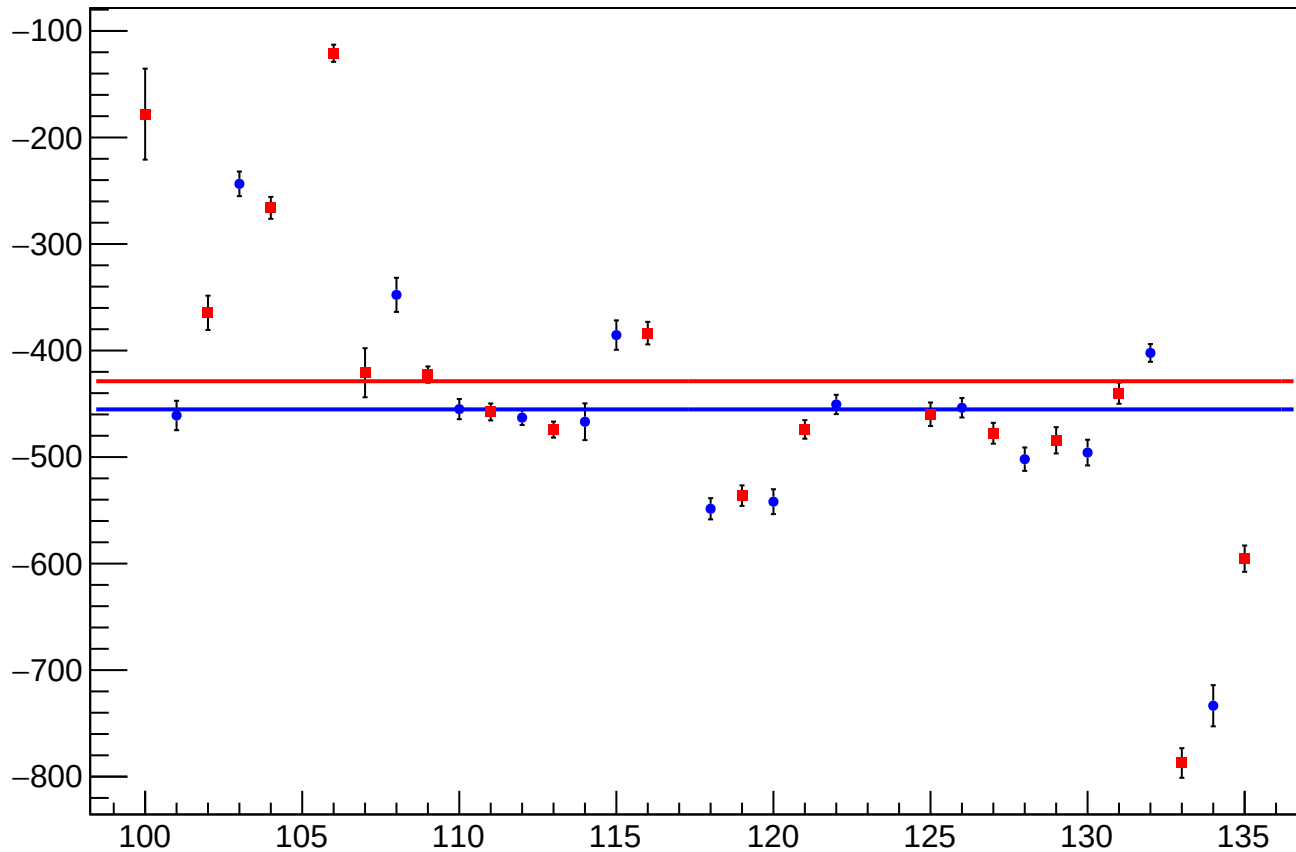
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -19.763 ± 0.034 χ^2/NDF : 449654.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -455.231 ± 2.765 χ^2/NDF : 828.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -428.796 ± 2.487 χ^2/NDF : 2883.1/16

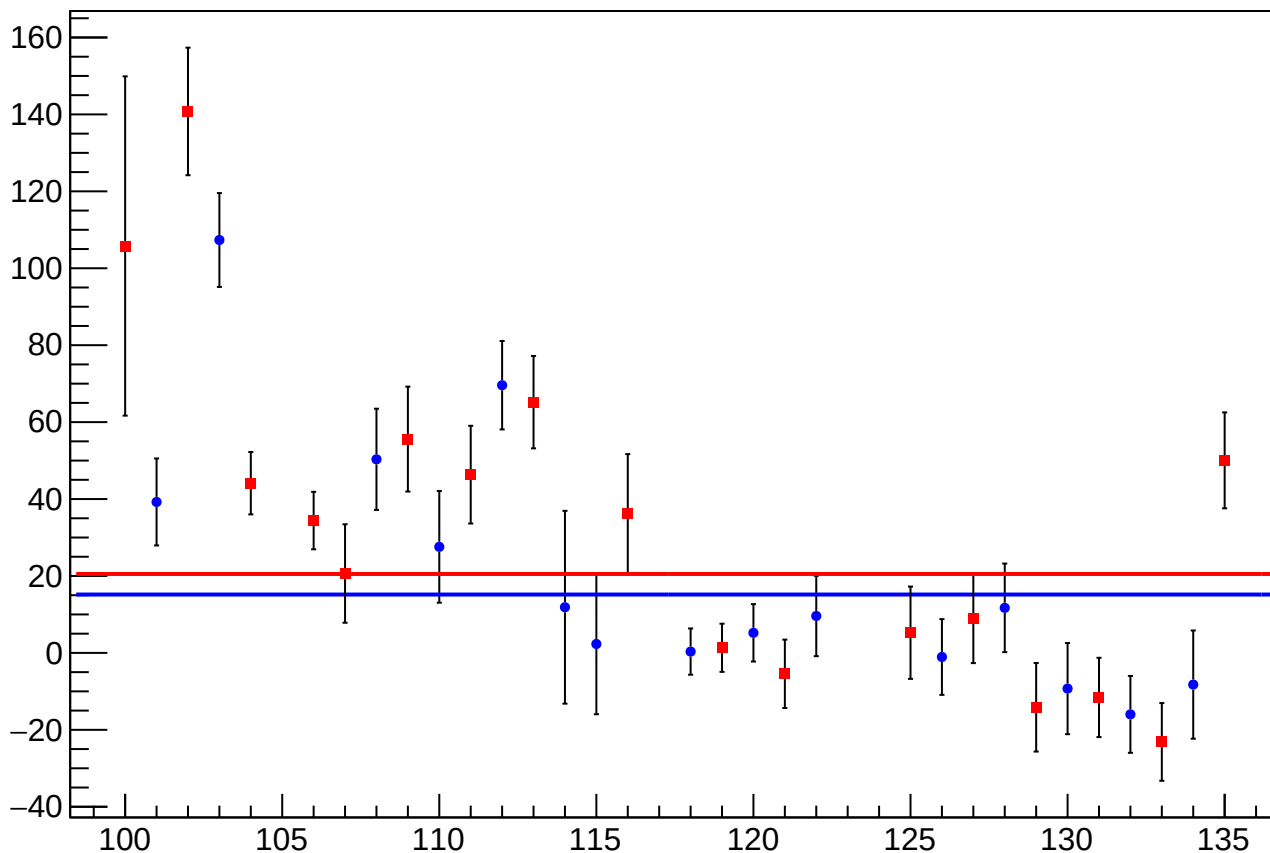
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -440.619 ± 1.849 χ^2/NDF : 3761.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 15.173 $\pm$ 2.752 χ^2 /NDF: 120.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 20.525 $\pm$ 2.567 χ^2 /NDF: 157.4/16

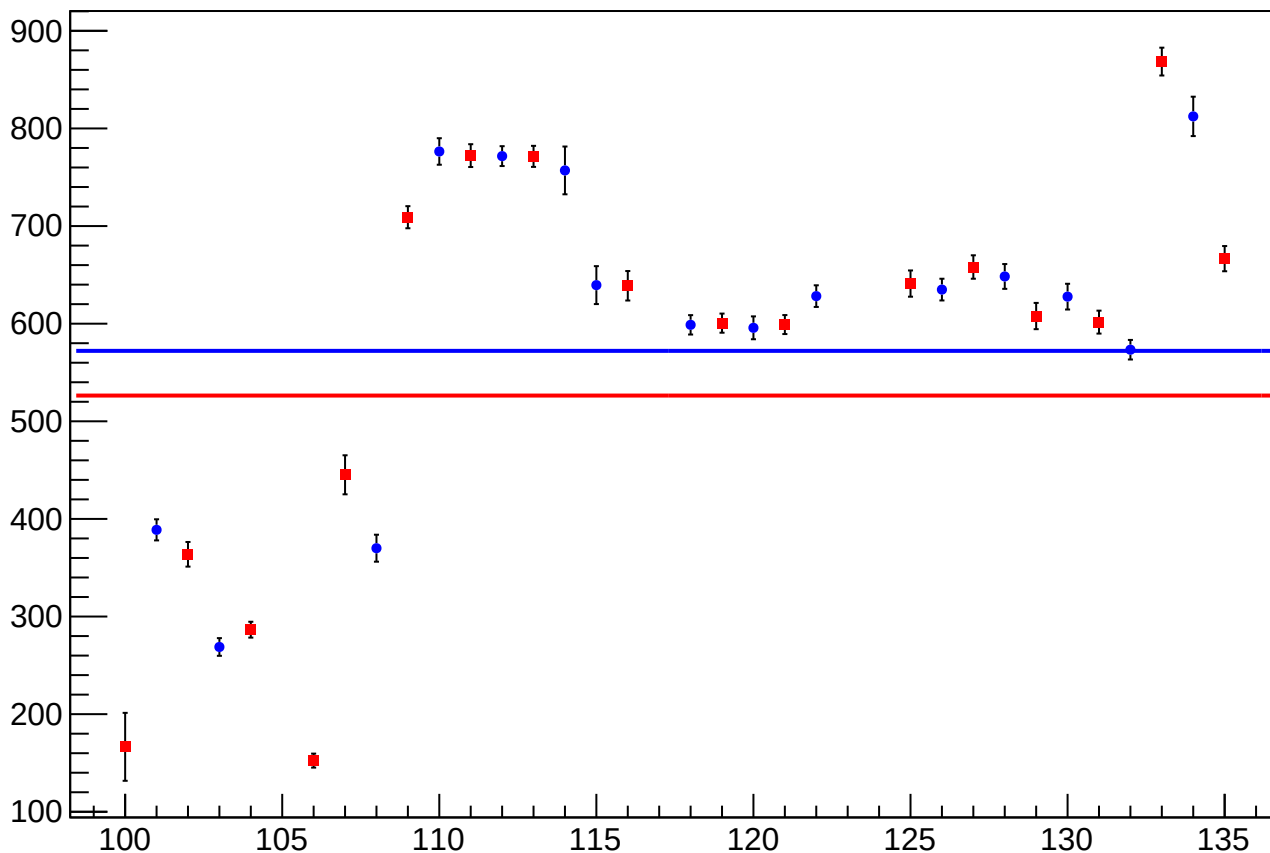
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 18.035 $\pm$ 1.877 χ^2 /NDF: 279.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 572.154+/-3.111 χ^2/NDF : 2565.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 526.370+/-2.779 χ^2/NDF : 6237.4/16

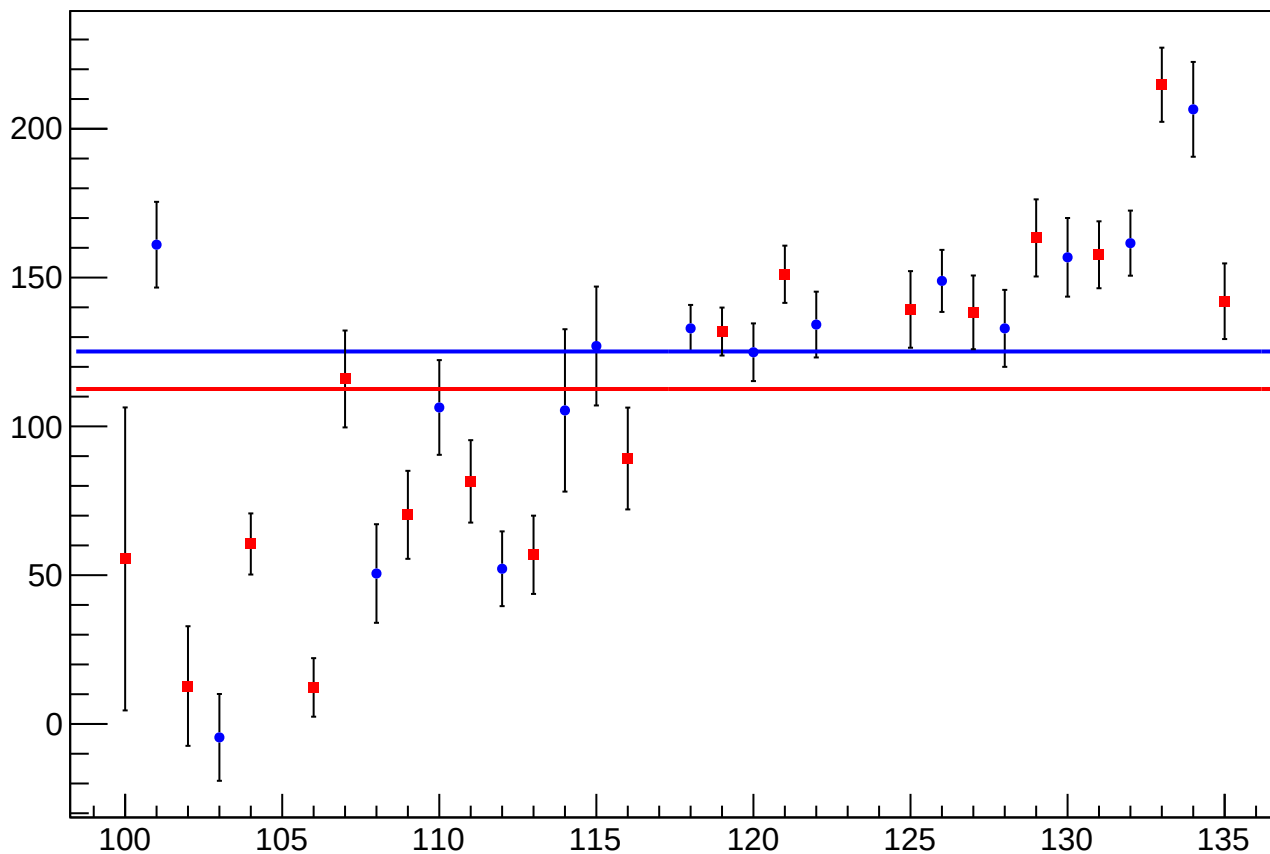
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 546.688+/-2.072 χ^2/NDF : 8923.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 125.168+/-3.236 χ^2/NDF : 191.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 112.561+/-3.005 χ^2/NDF : 323.2/16

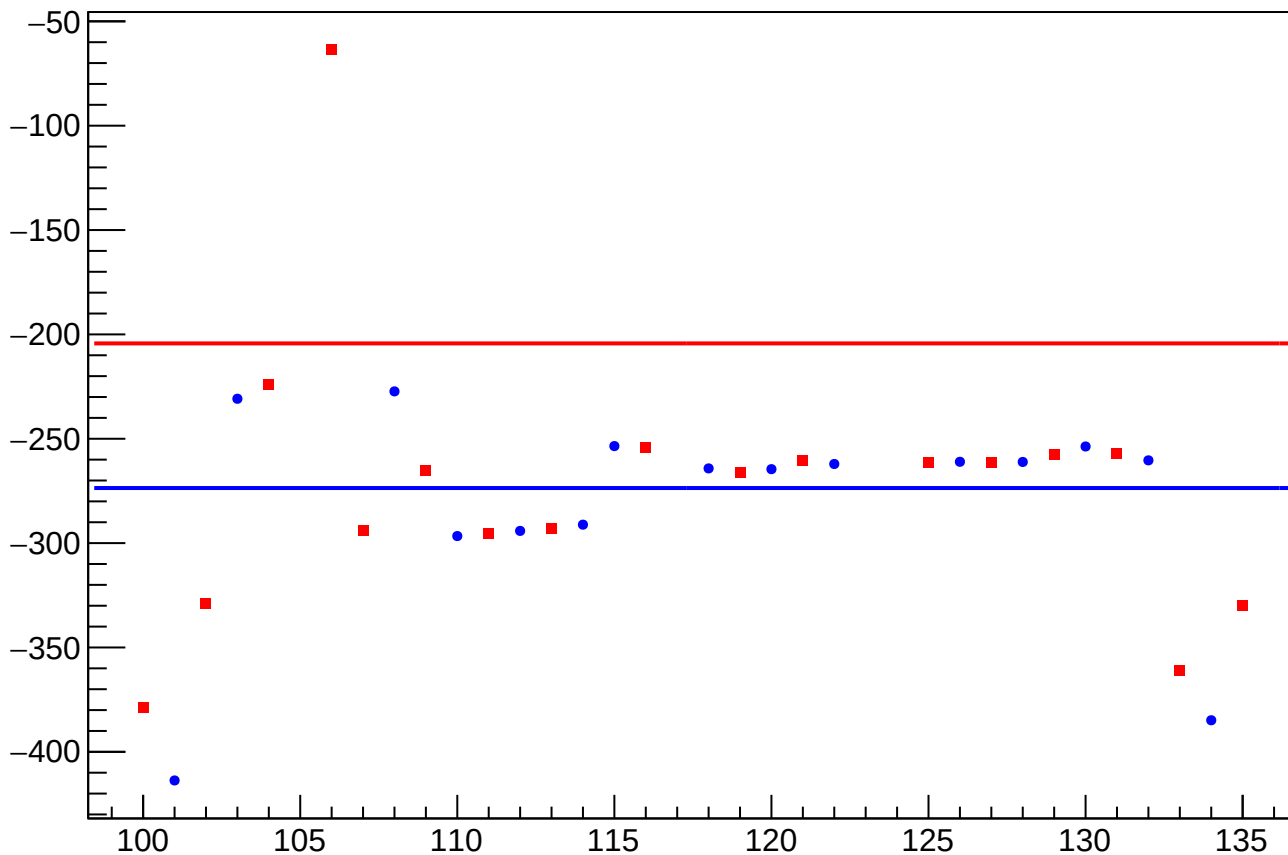
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 118.399+/-2.202 χ^2/NDF : 522.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -273.605+/-0.197 χ^2/NDF : 87299.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -204.312+/-0.151 χ^2/NDF : 516501.3/16

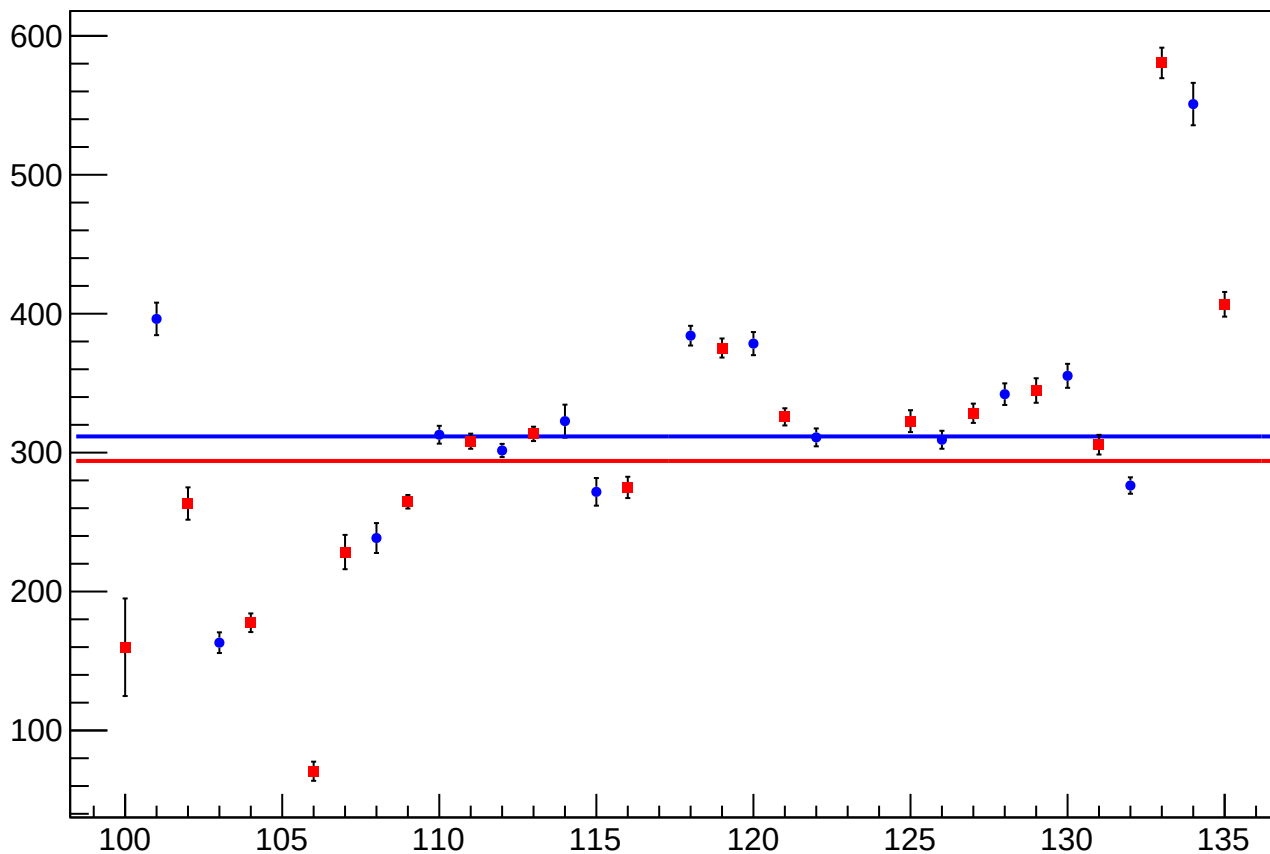
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -229.938+/-0.120 χ^2/NDF : 681743.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 311.660 $\pm$ 1.944 χ^2 /NDF: 1008.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 293.995 $\pm$ 1.750 χ^2 /NDF: 2546.9/16

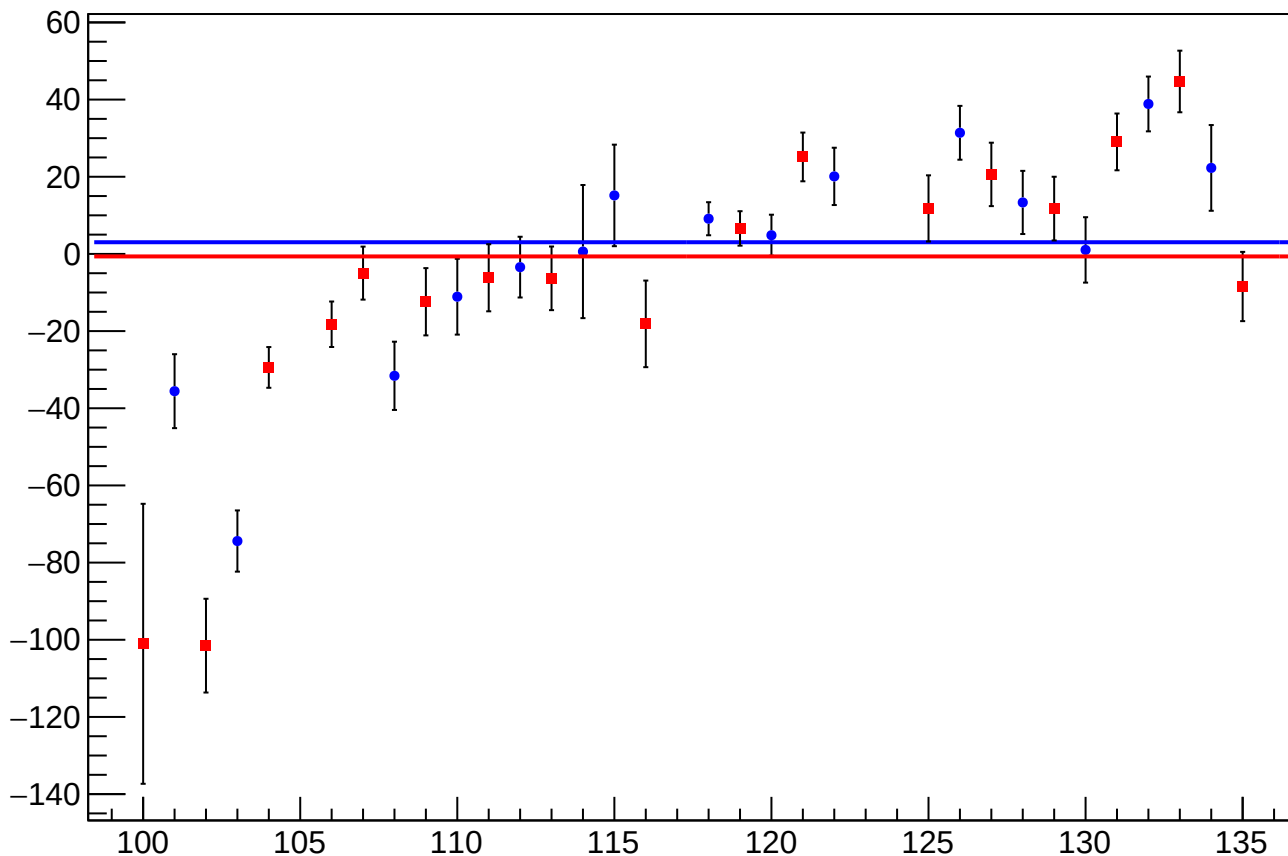
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 301.906 $\pm$ 1.301 χ^2 /NDF: 3600.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: 3.029+/-1.959 χ^2/NDF : 184.5/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.650+/-1.804 χ^2/NDF : 200.4/16

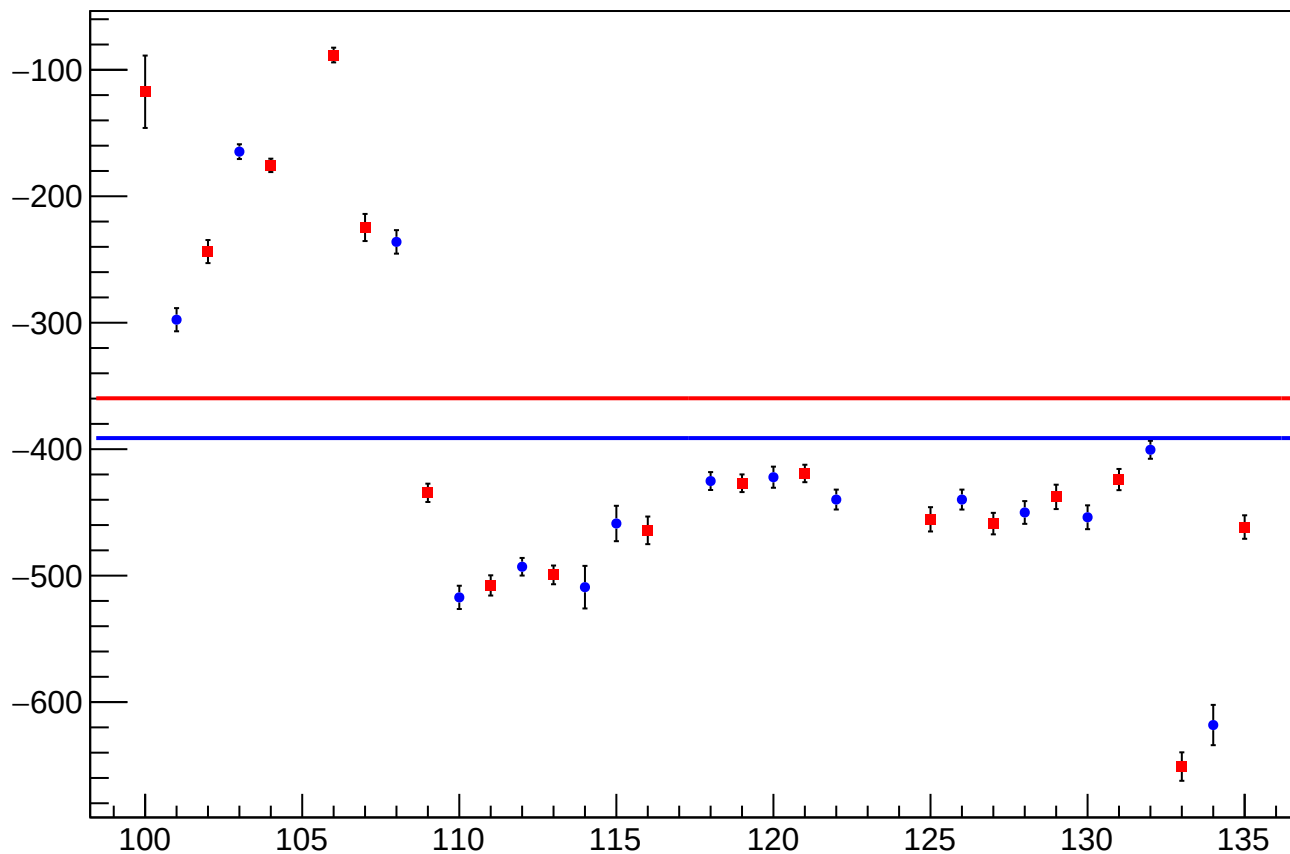
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.038+/-1.327 χ^2/NDF : 386.8/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -391.232 ± 2.194 χ^2/NDF : 2762.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -359.751 ± 1.965 χ^2/NDF : 5983.8/16

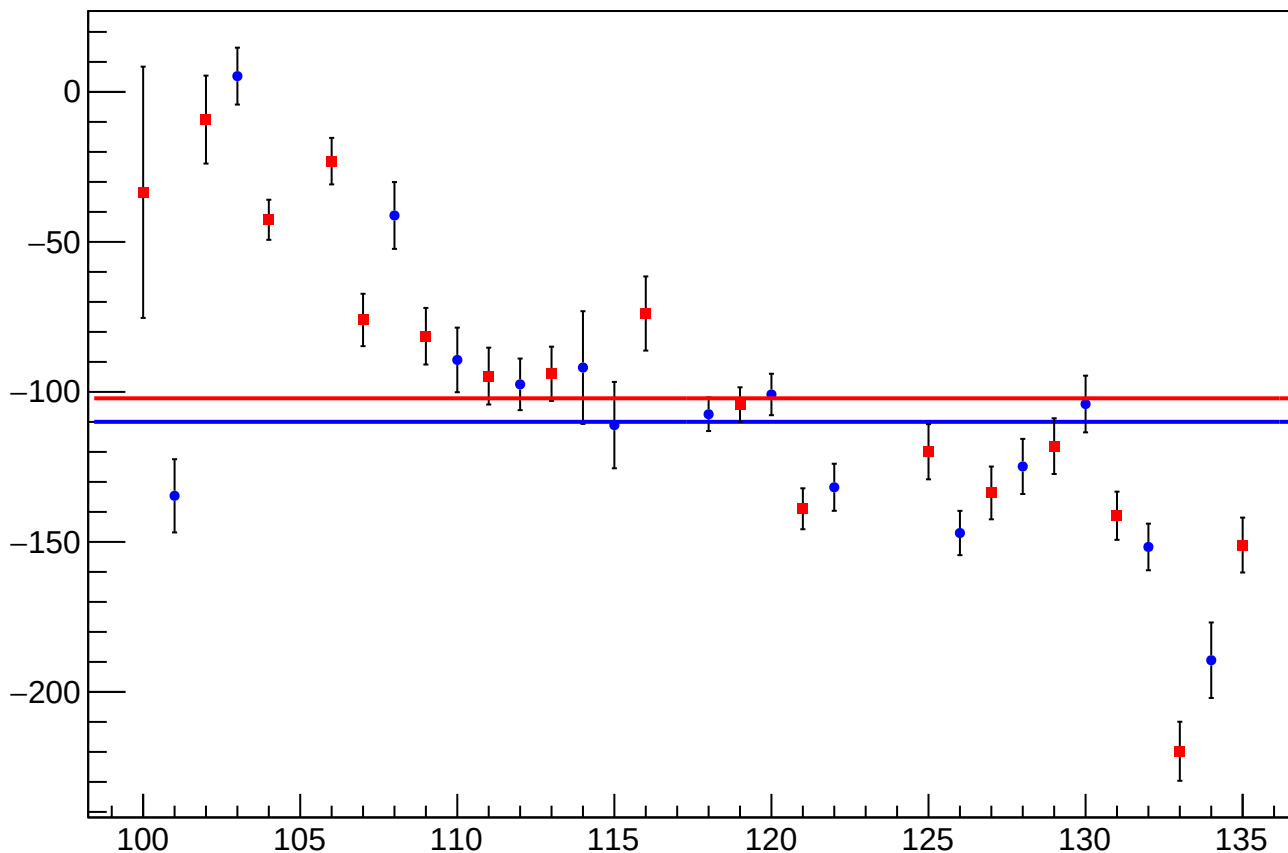
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -373.760 ± 1.464 χ^2/NDF : 8860.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -109.973 ± 2.300 χ^2/NDF : 303.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -102.130 ± 2.111 χ^2/NDF : 490.7/16

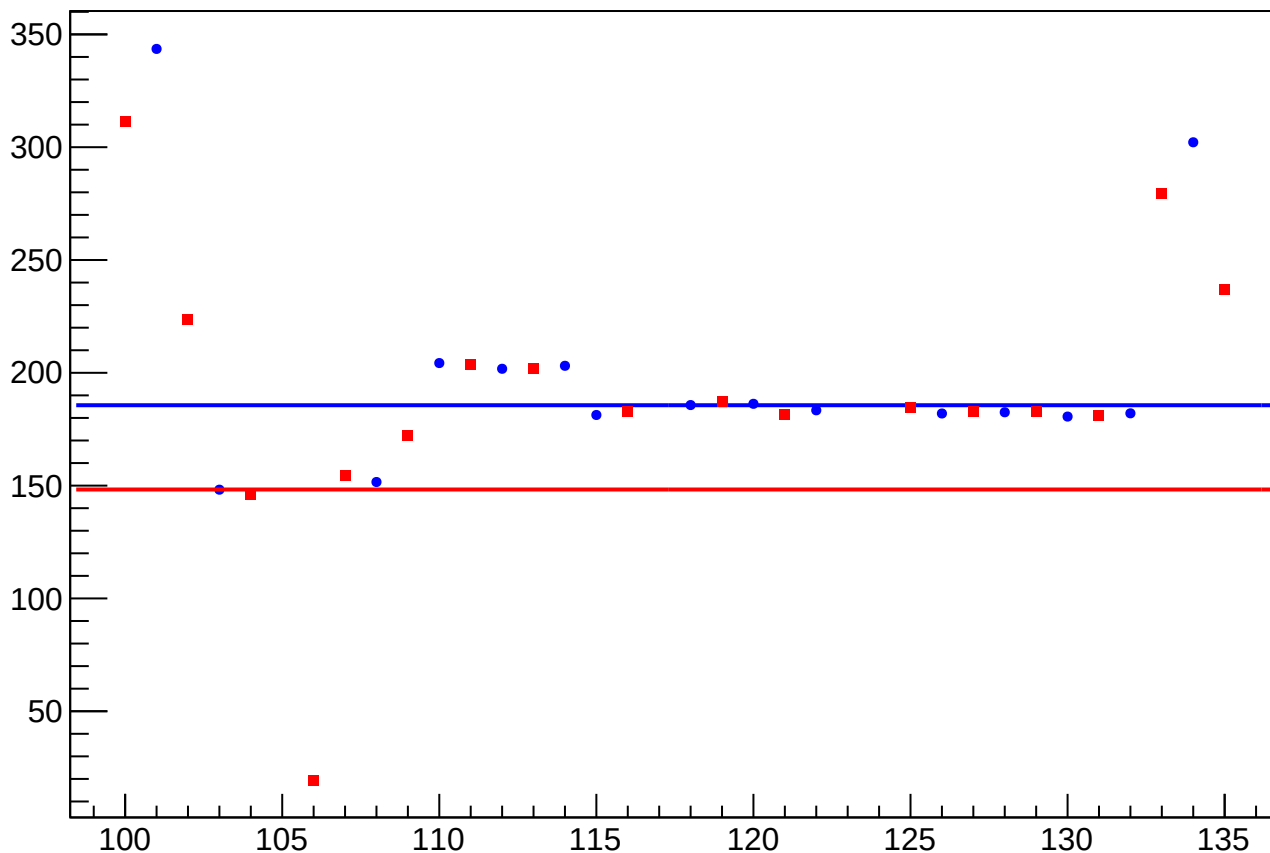
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -105.715 ± 1.555 χ^2/NDF : 800.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_at2lr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 185.631 $\pm$ 0.137 χ^2 /NDF: 148326.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 148.280 $\pm$ 0.112 χ^2 /NDF: 480251.5/16

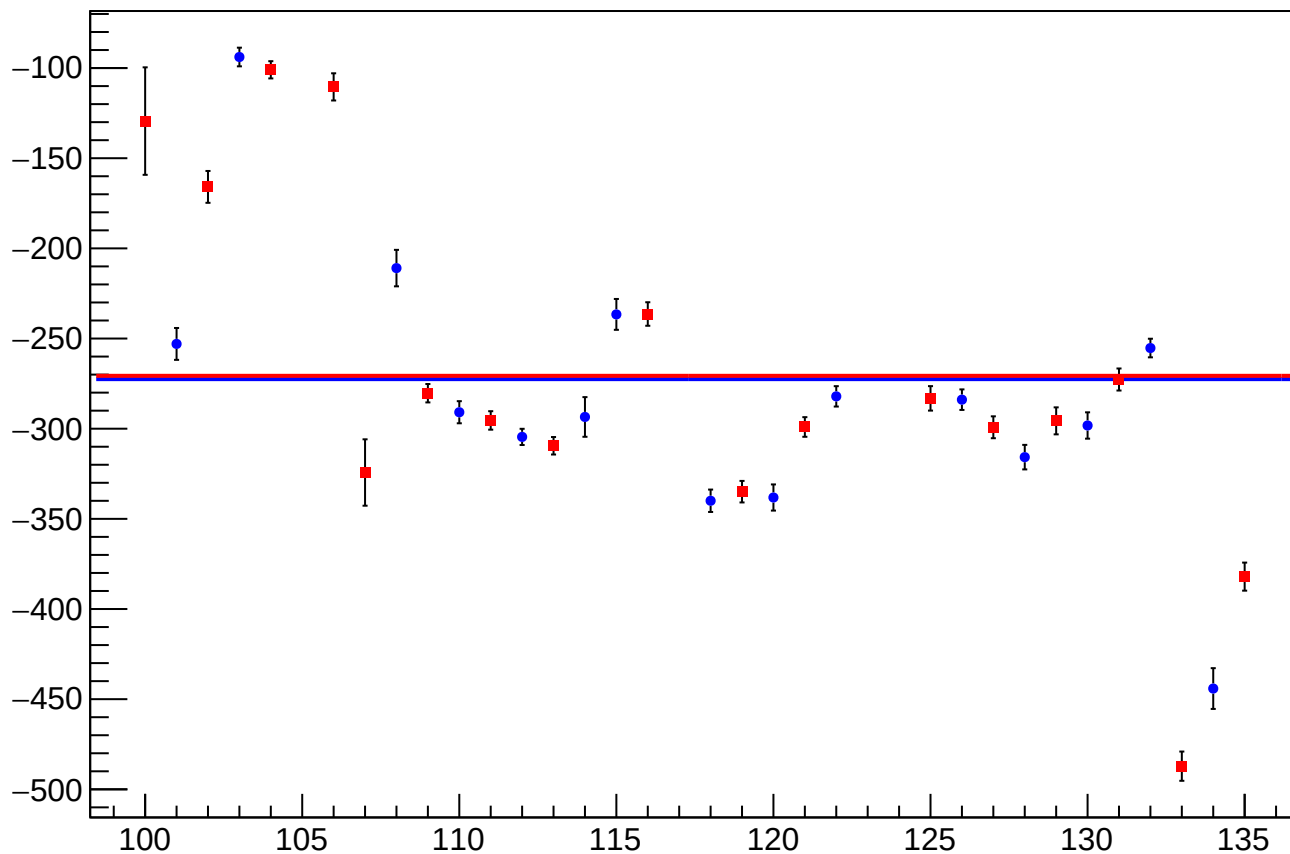
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 163.188 $\pm$ 0.087 χ^2 /NDF: 673098.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm1X_slope vs Slug



Right In: -272.515+/-1.688 χ^2/NDF : 1815.3/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -270.674+/-1.566 χ^2/NDF : 3100.5/16

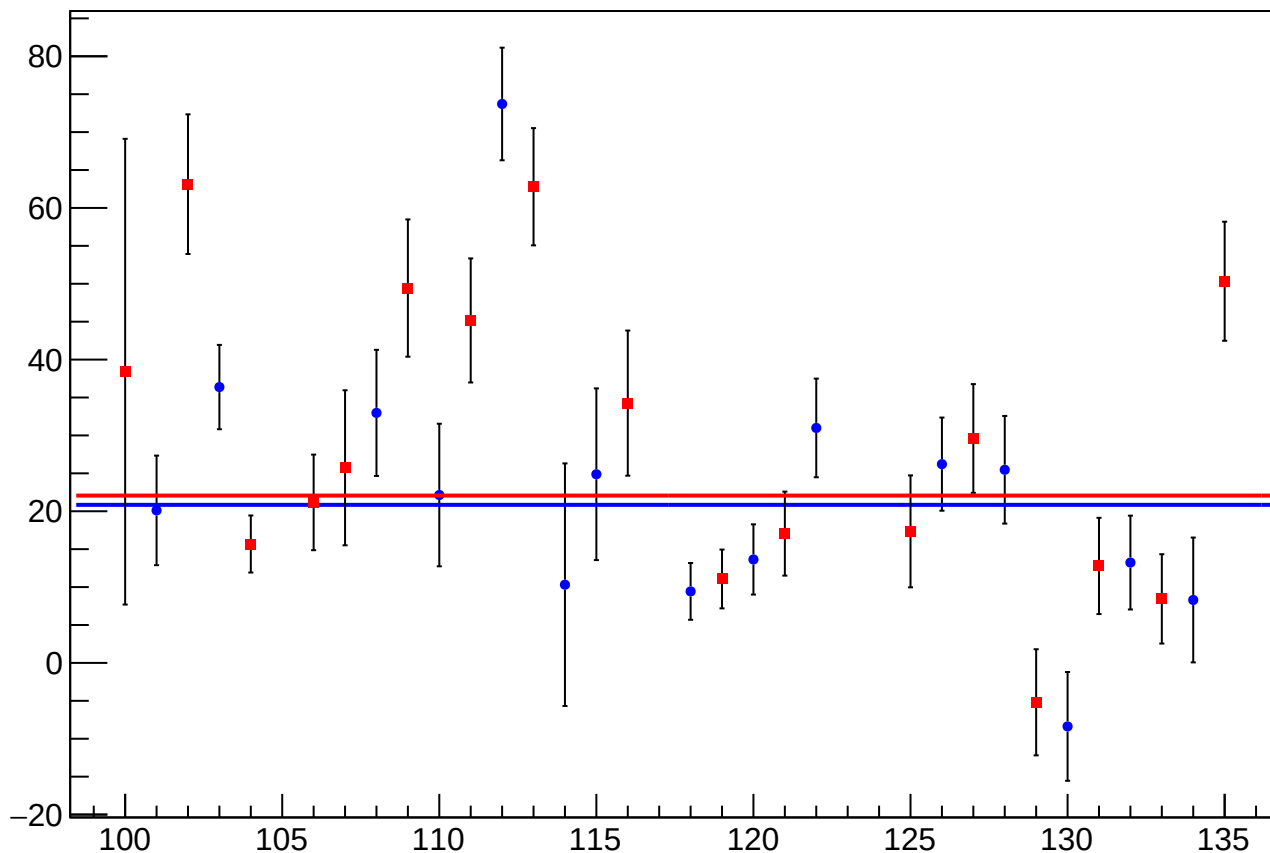
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -271.525+/-1.148 χ^2/NDF : 4916.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4aY_slope vs Slug



Right In: 20.845+/-1.678 χ^2/NDF : 97.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 22.068+/-1.581 χ^2/NDF : 115.7/16

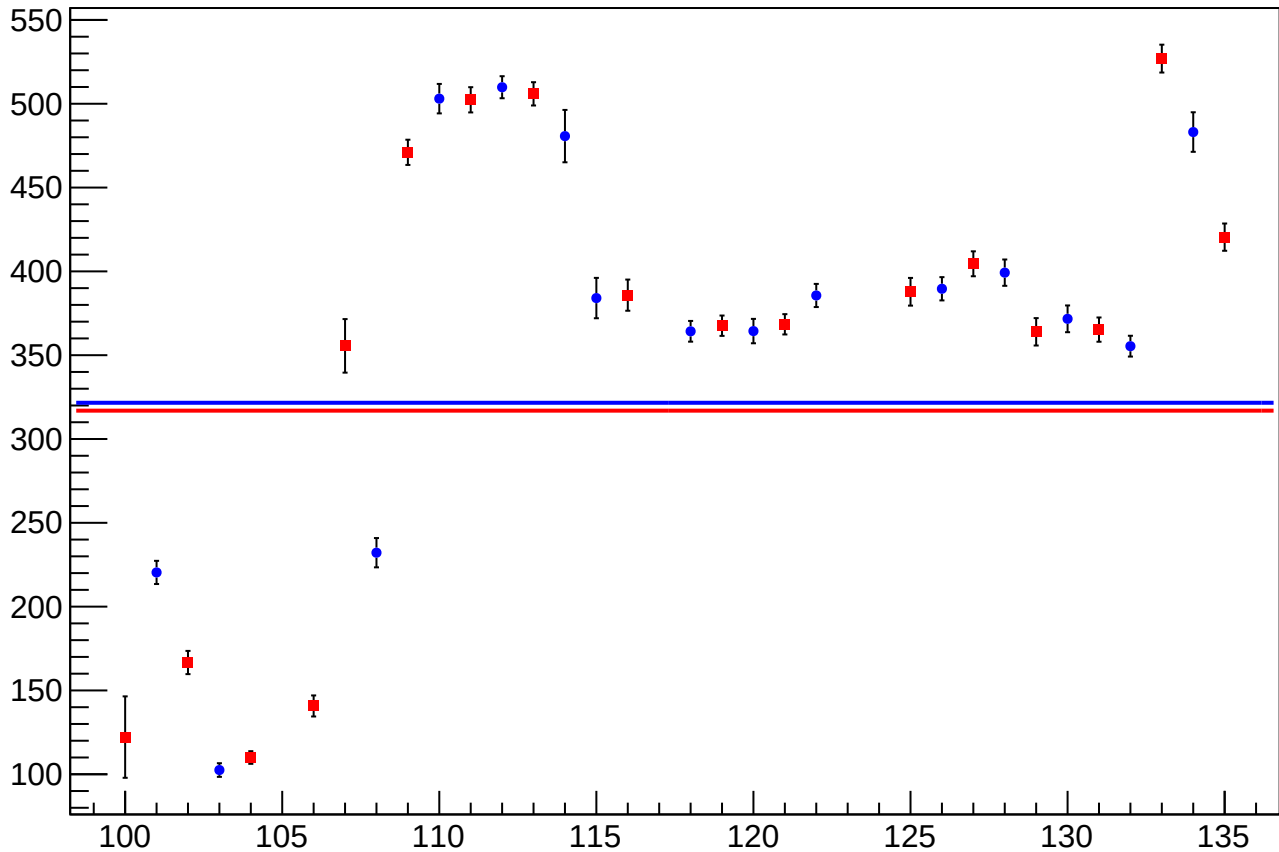
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 21.493+/-1.150 χ^2/NDF : 212.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eX_slope vs Slug



Right In: 321.618+/-1.846 χ^2/NDF : 5218.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 316.916+/-1.713 χ^2/NDF : 7397.4/16

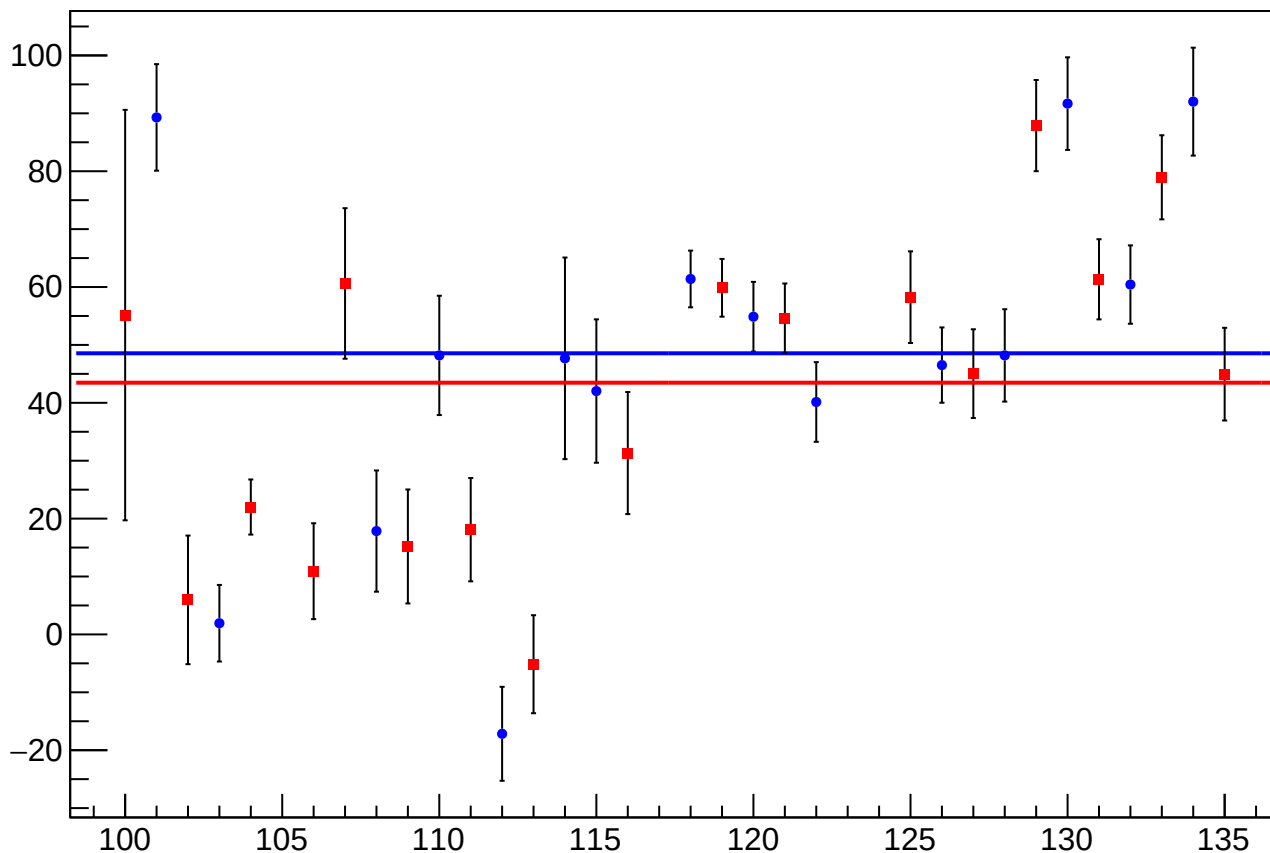
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 319.092+/-1.256 χ^2/NDF : 12619.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm4eY_slope vs Slug



Right In: 48.554+/-1.973 χ^2/NDF : 207.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 43.477+/-1.851 χ^2/NDF : 179.9/16

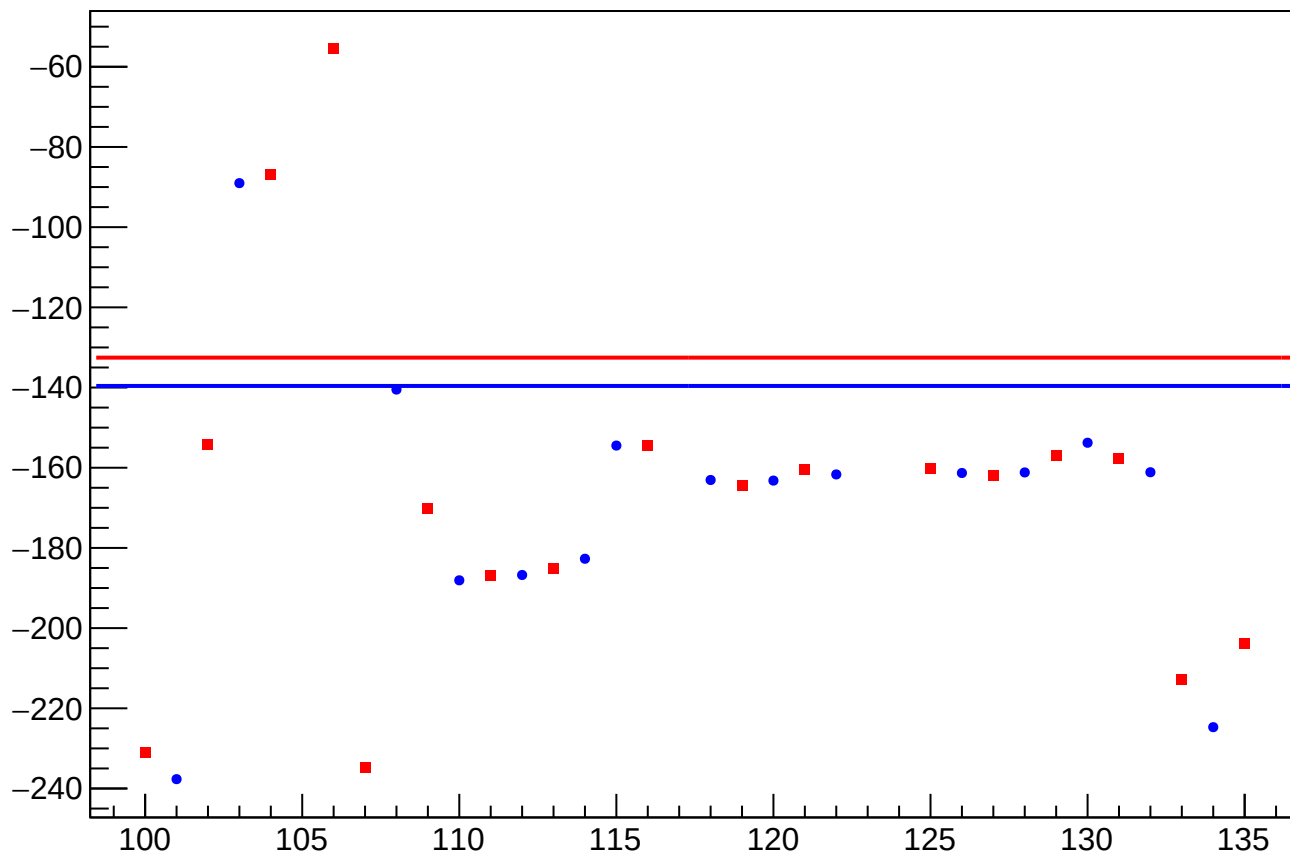
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 45.854+/-1.350 χ^2/NDF : 390.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_avg_diff_bpm12X_slope vs Slug



Right In: -139.602 ± 0.110 χ^2/NDF : 201832.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -132.540 ± 0.098 χ^2/NDF : 295934.2/16

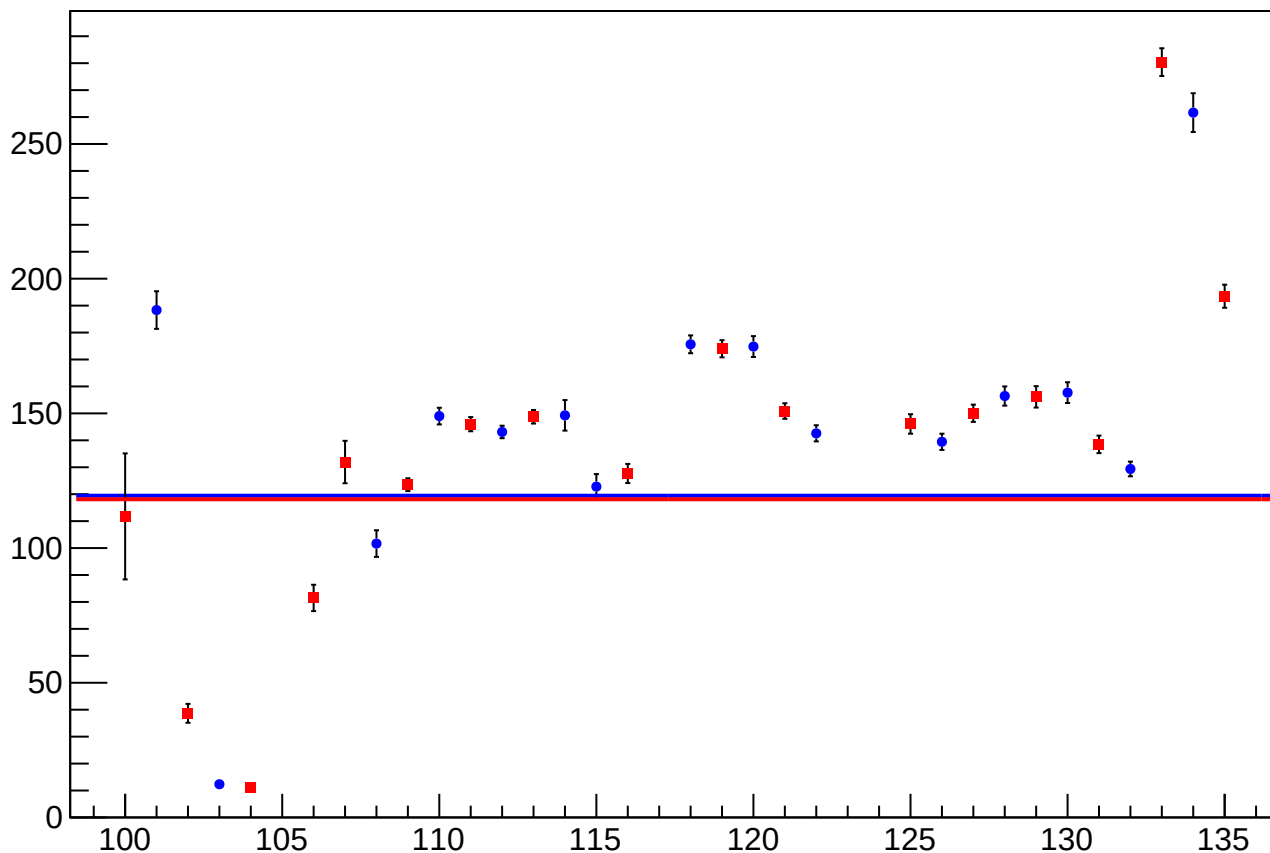
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -135.691 ± 0.073 χ^2/NDF : 500063.5/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm1X_slope vs Slug



Right In: 119.435 $\pm$ 0.842 χ^2 /NDF: 5013.1/14

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

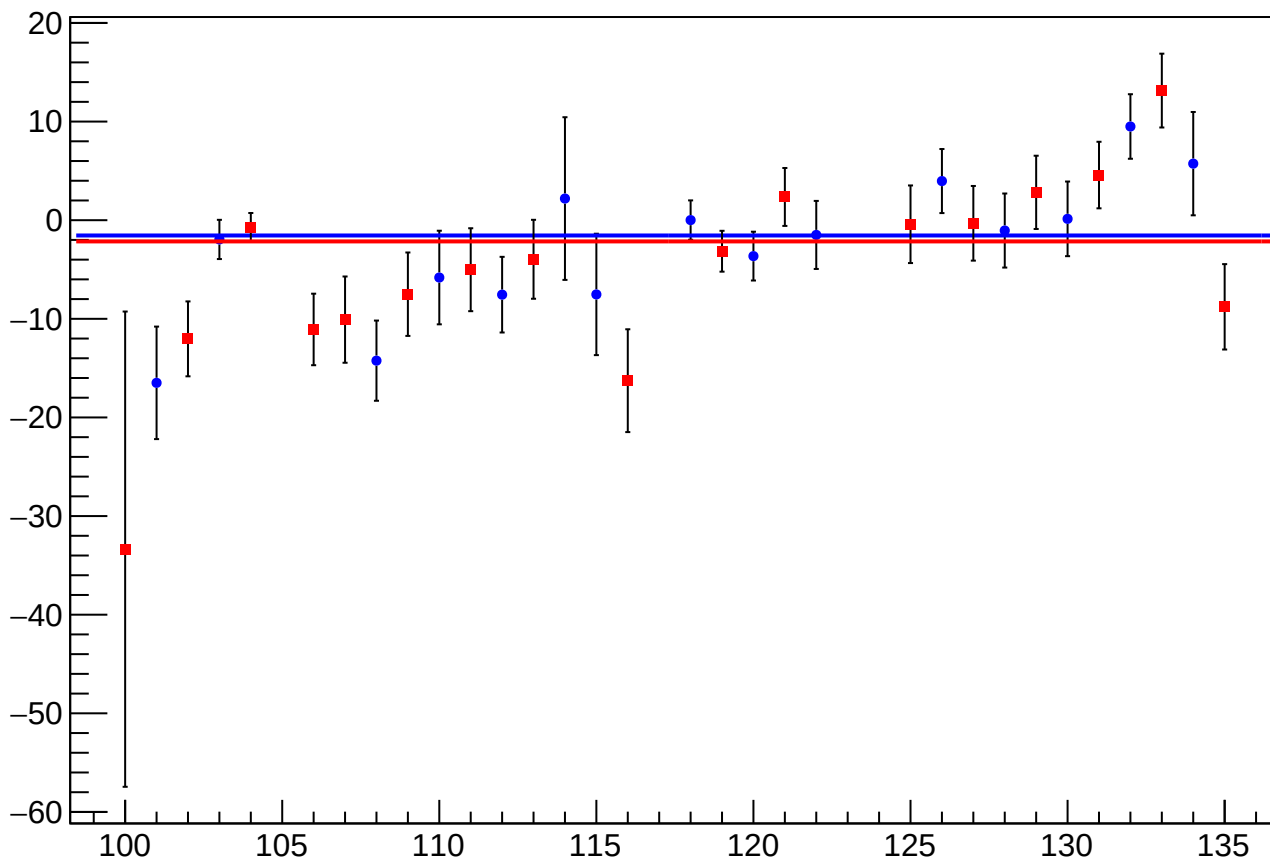
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 118.727 $\pm$ 0.572 χ^2 /NDF: 11329.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4aY_slope vs Slug



Right In: -1.550 ± 0.857 χ^2/NDF : 38.8/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.151 ± 0.775 χ^2/NDF : 56.3/16

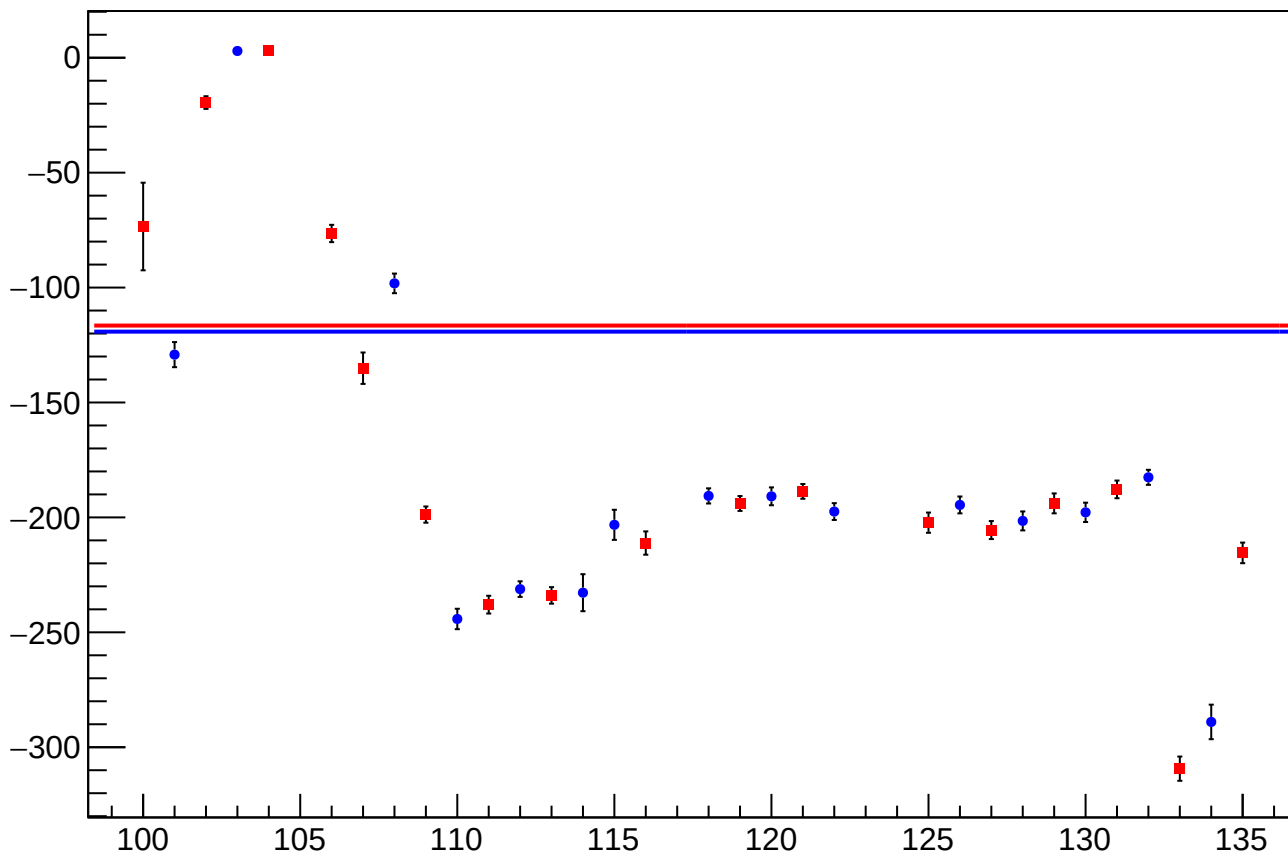
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.881 ± 0.575 χ^2/NDF : 95.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eX_slope vs Slug



Right In: -119.178 ± 0.881 χ^2/NDF : 12909.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -116.532 ± 0.820 χ^2/NDF : 15641.6/16

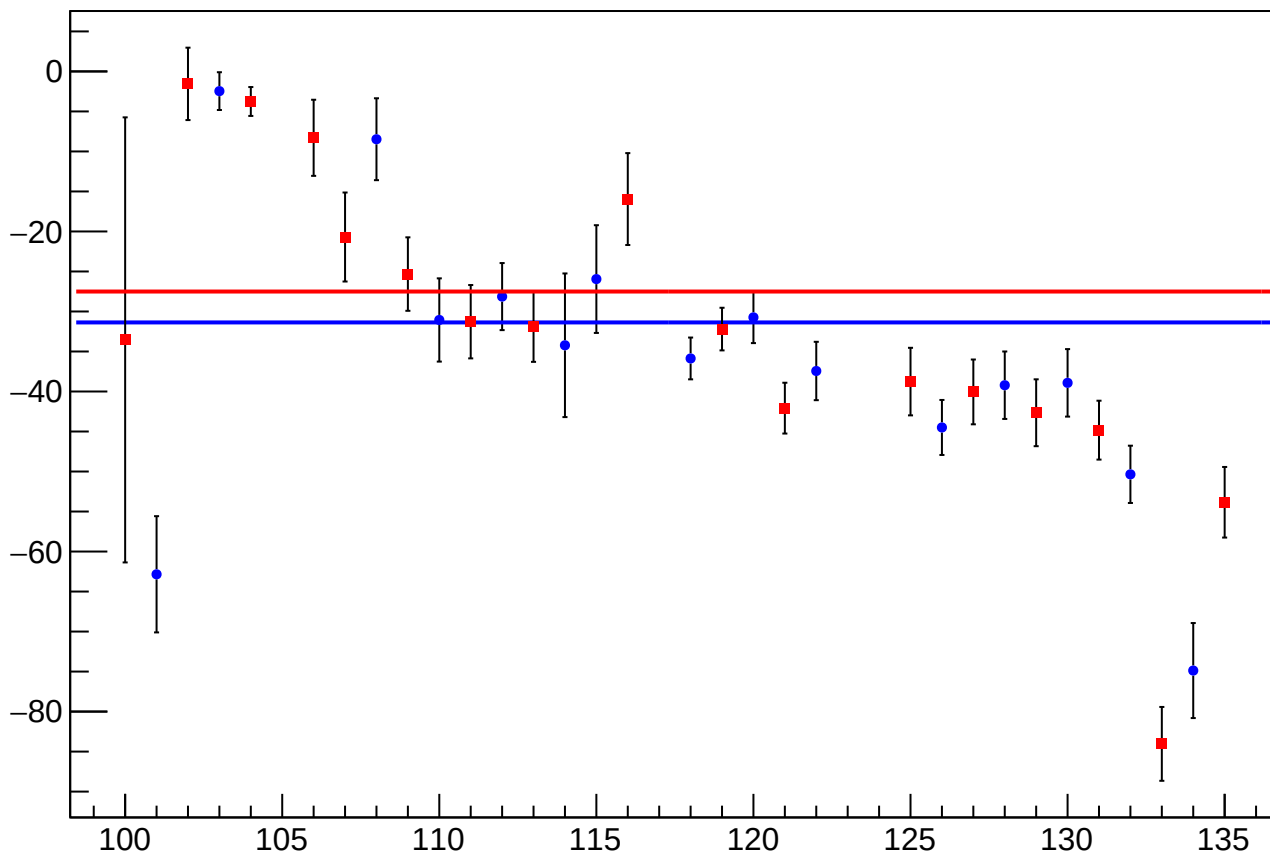
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -117.760 ± 0.600 χ^2/NDF : 28556.4/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm4eY_slope vs Slug



Right In: -31.368+/-1.007 χ^2/NDF : 299.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -27.507+/-0.914 χ^2/NDF : 491.7/16

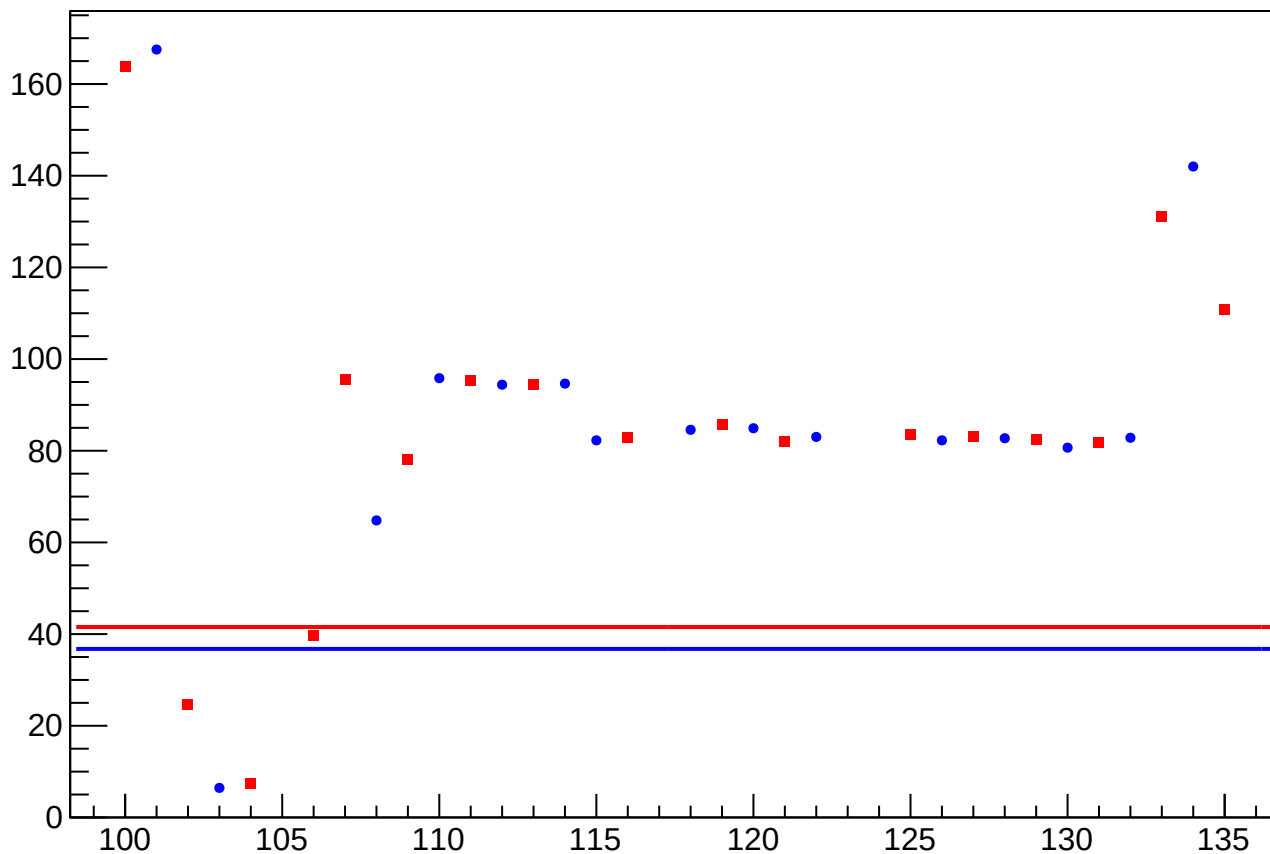
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -29.251+/-0.677 χ^2/NDF : 798.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_avg_atlr_avg_dd_diff_bpm12X_slope vs Slug



Right In: 36.774+/-0.047 χ^2/NDF : 830341.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 41.550+/-0.046 χ^2/NDF : 755105.2/16

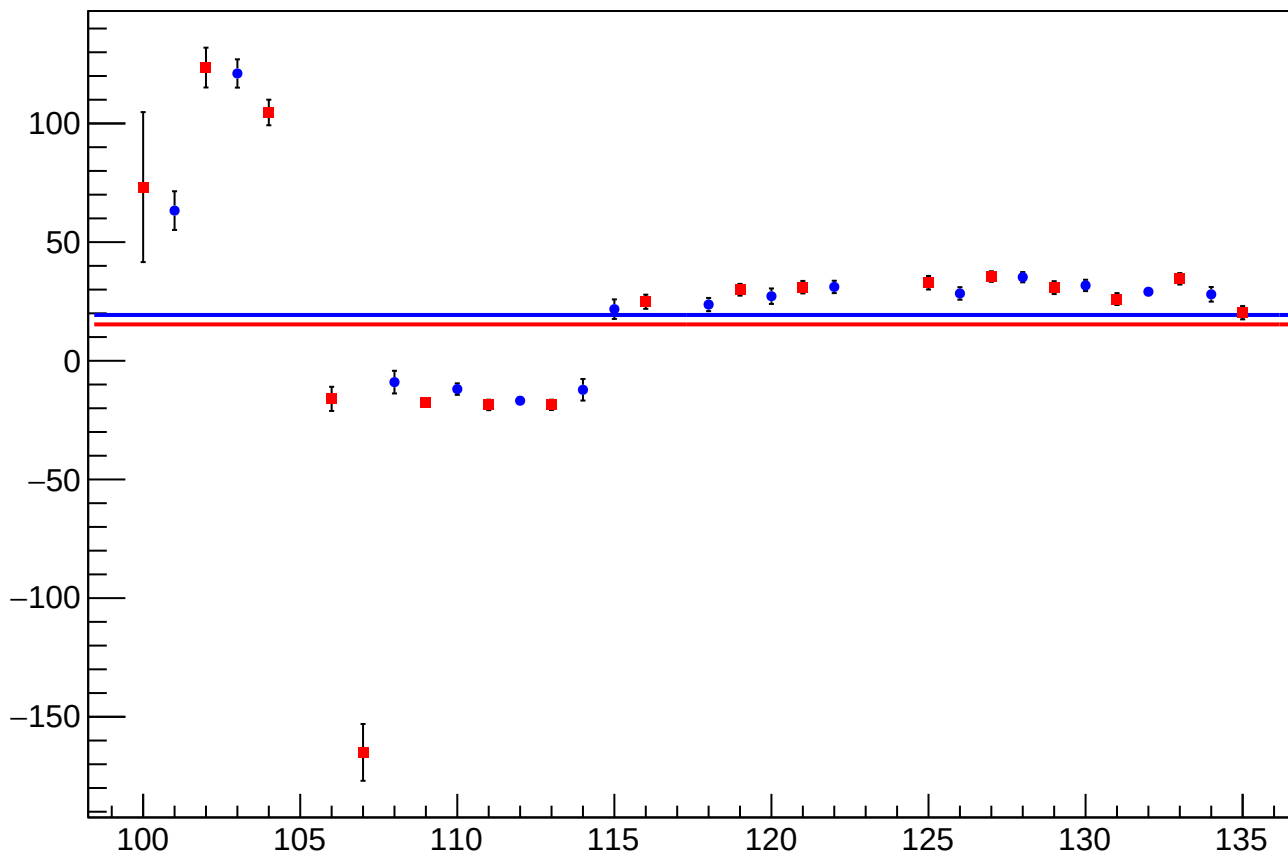
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 39.255+/-0.033 χ^2/NDF : 1590736.0/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 19.313+/-0.735 χ^2/NDF : 1038.6/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.333+/-0.692 χ^2/NDF : 1763.8/16

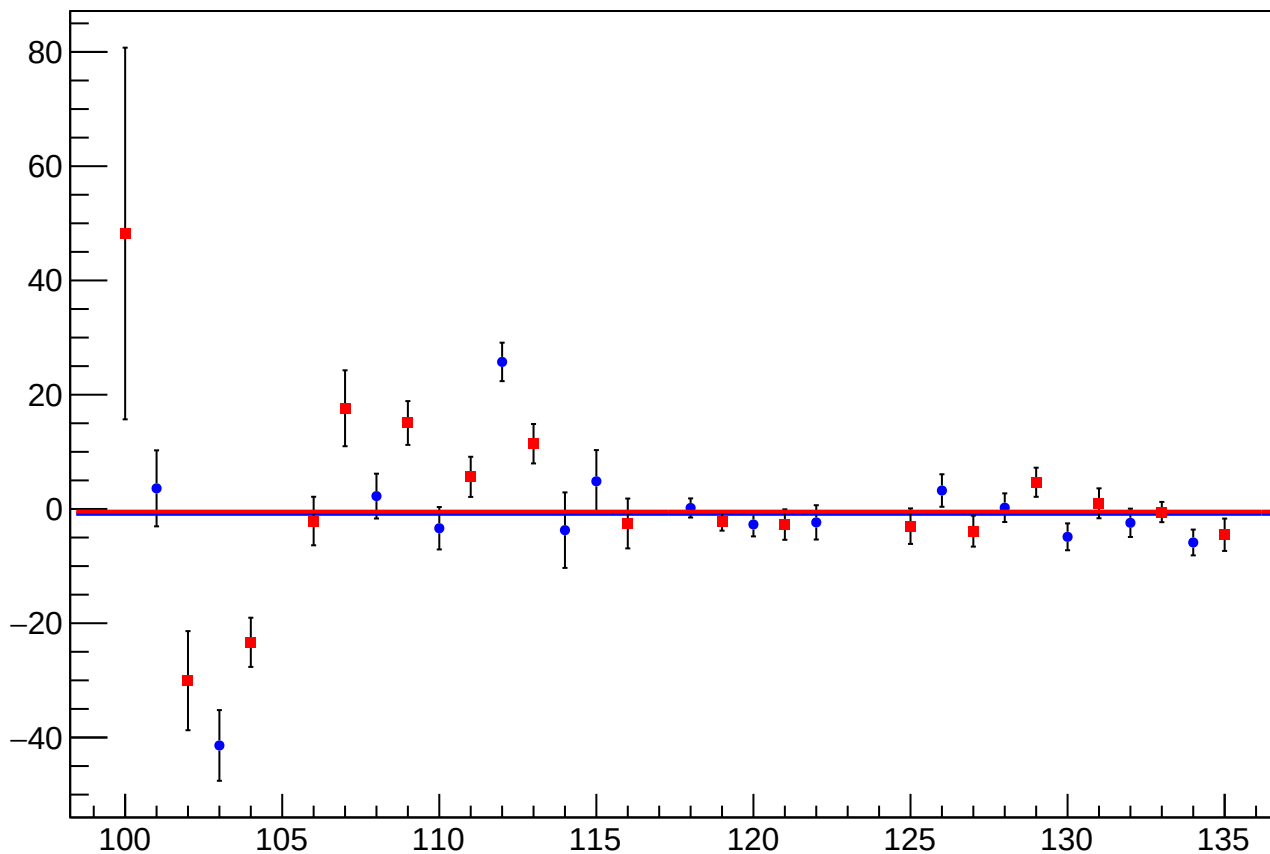
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 17.204+/-0.504 χ^2/NDF : 2817.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: -0.845 ± 0.735 χ^2/NDF : 120.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.468 ± 0.722 χ^2/NDF : 91.6/16

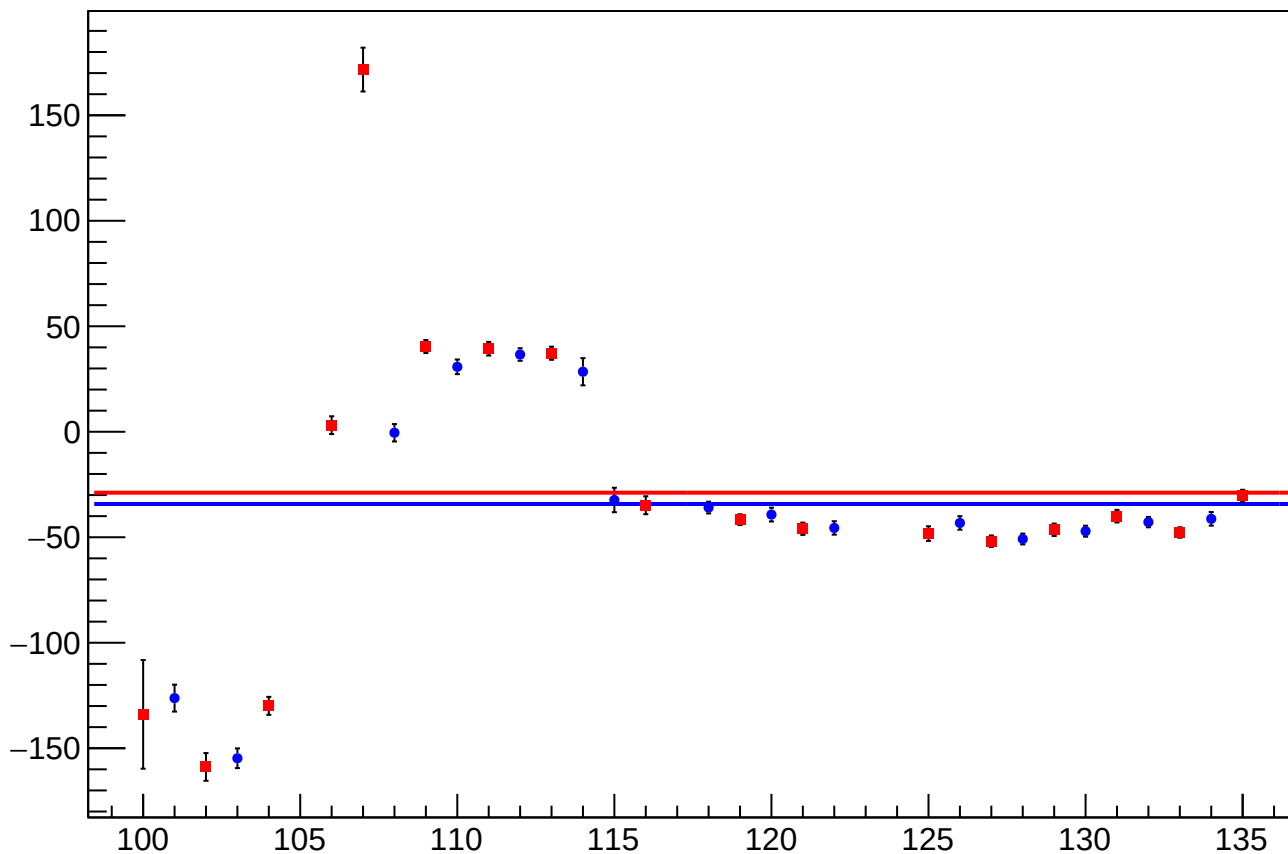
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.653 ± 0.515 χ^2/NDF : 211.7/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -34.235 ± 0.858 χ^2/NDF : 2057.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -28.871 ± 0.816 χ^2/NDF : 3074.8/16

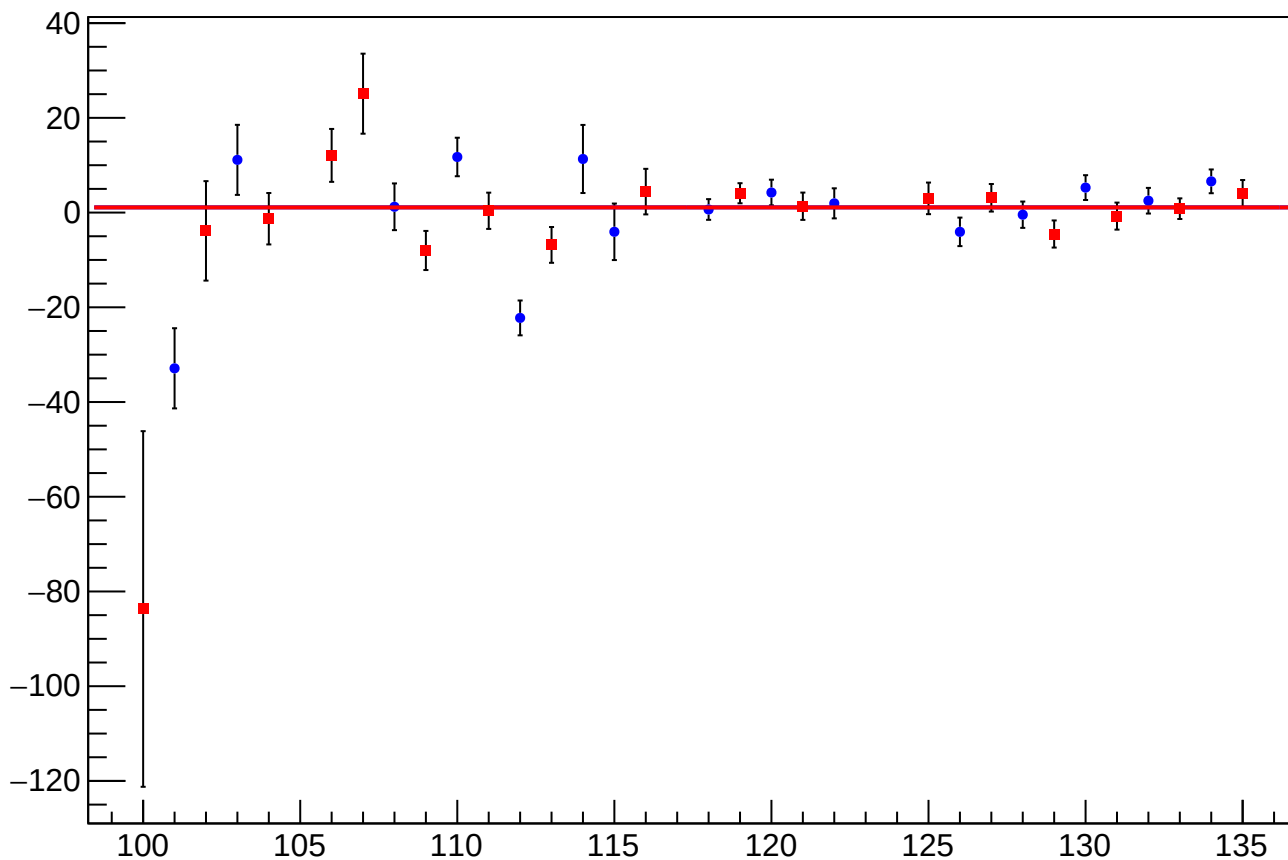
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -31.417 ± 0.591 χ^2/NDF : 5152.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: 1.102 $\pm$ 0.851 χ^2 /NDF: 80.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.089 $\pm$ 0.829 χ^2 /NDF: 35.3/16

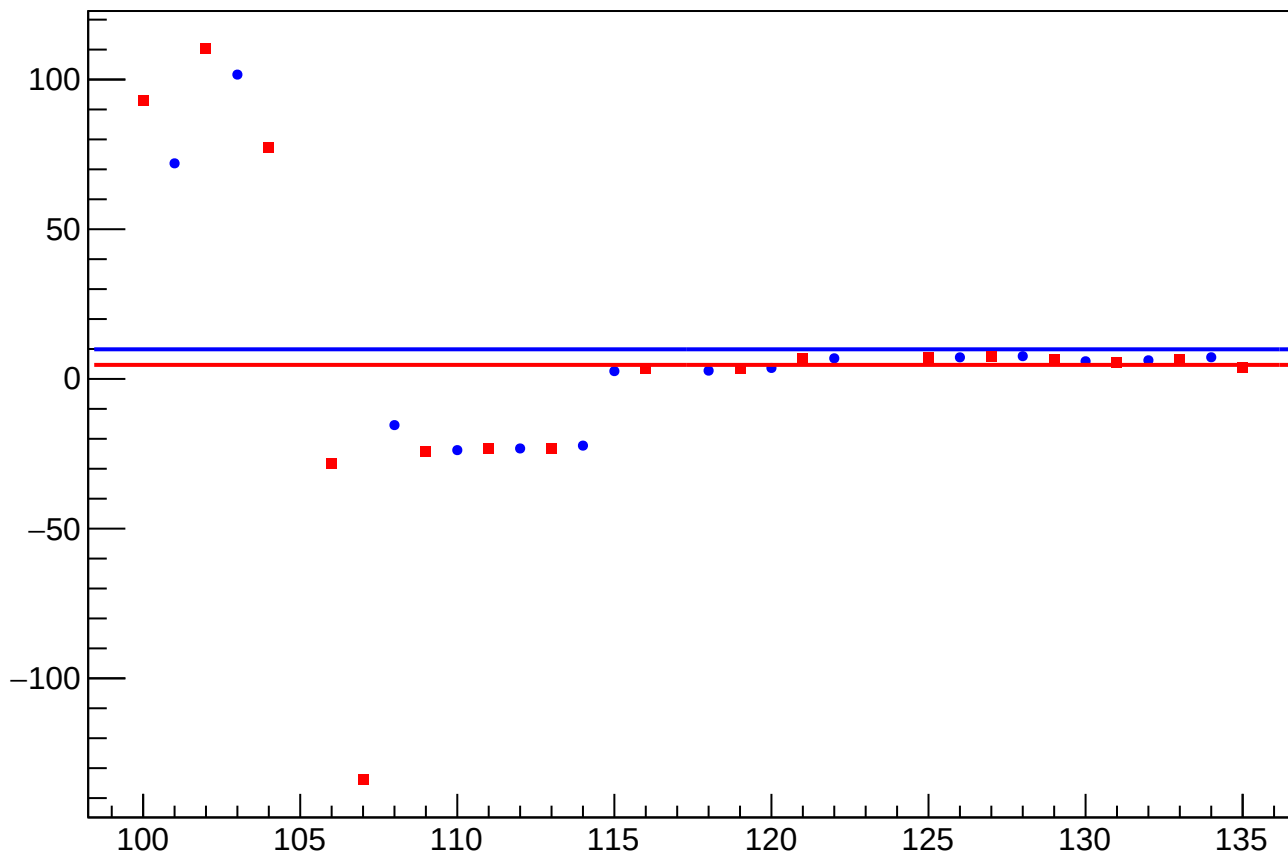
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.095 $\pm$ 0.594 χ^2 /NDF: 115.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 9.892 $\pm$ 0.057 χ^2 /NDF: 309948.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 4.689 $\pm$ 0.053 χ^2 /NDF: 446792.4/16

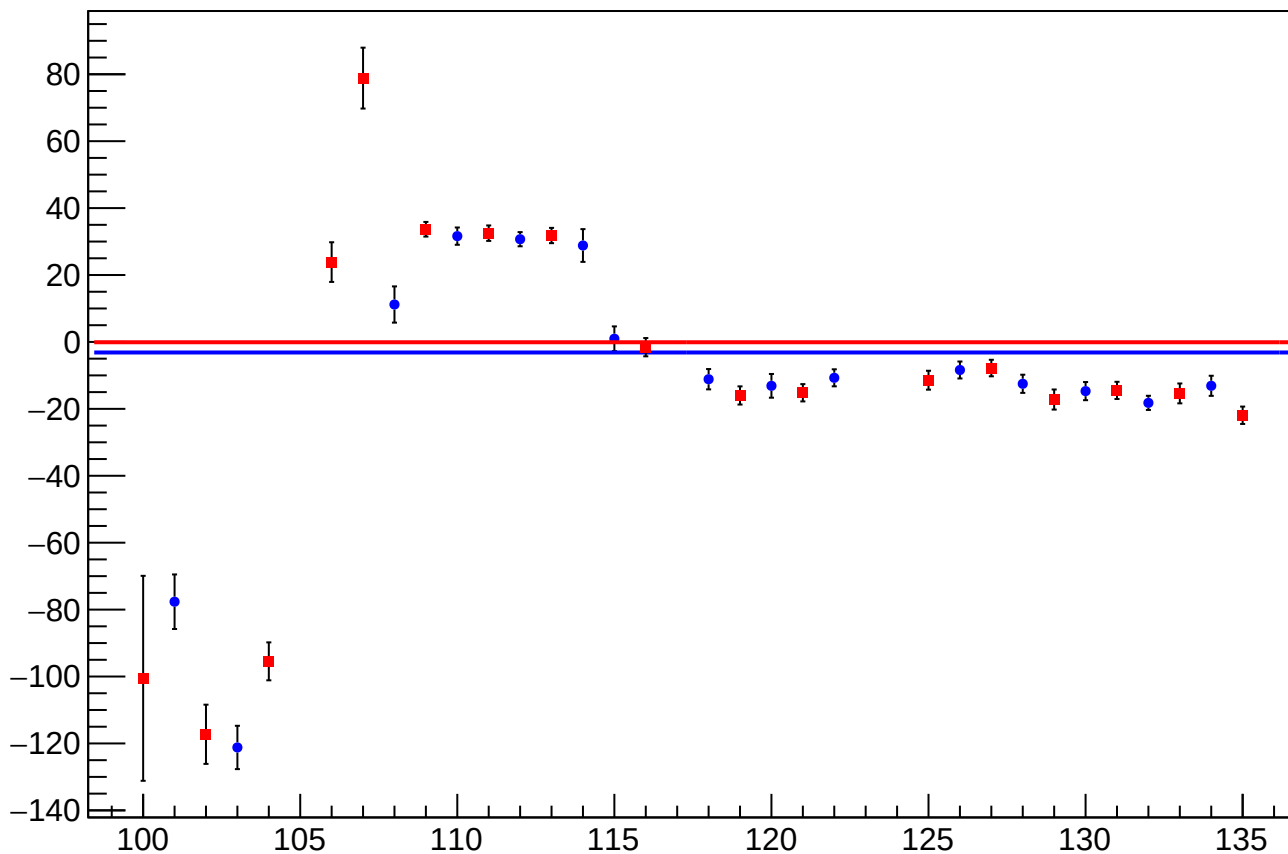
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 7.130 $\pm$ 0.039 χ^2 /NDF: 761181.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -3.154 ± 0.775 χ^2/NDF : 1022.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.094 ± 0.724 χ^2/NDF : 1449.0/16

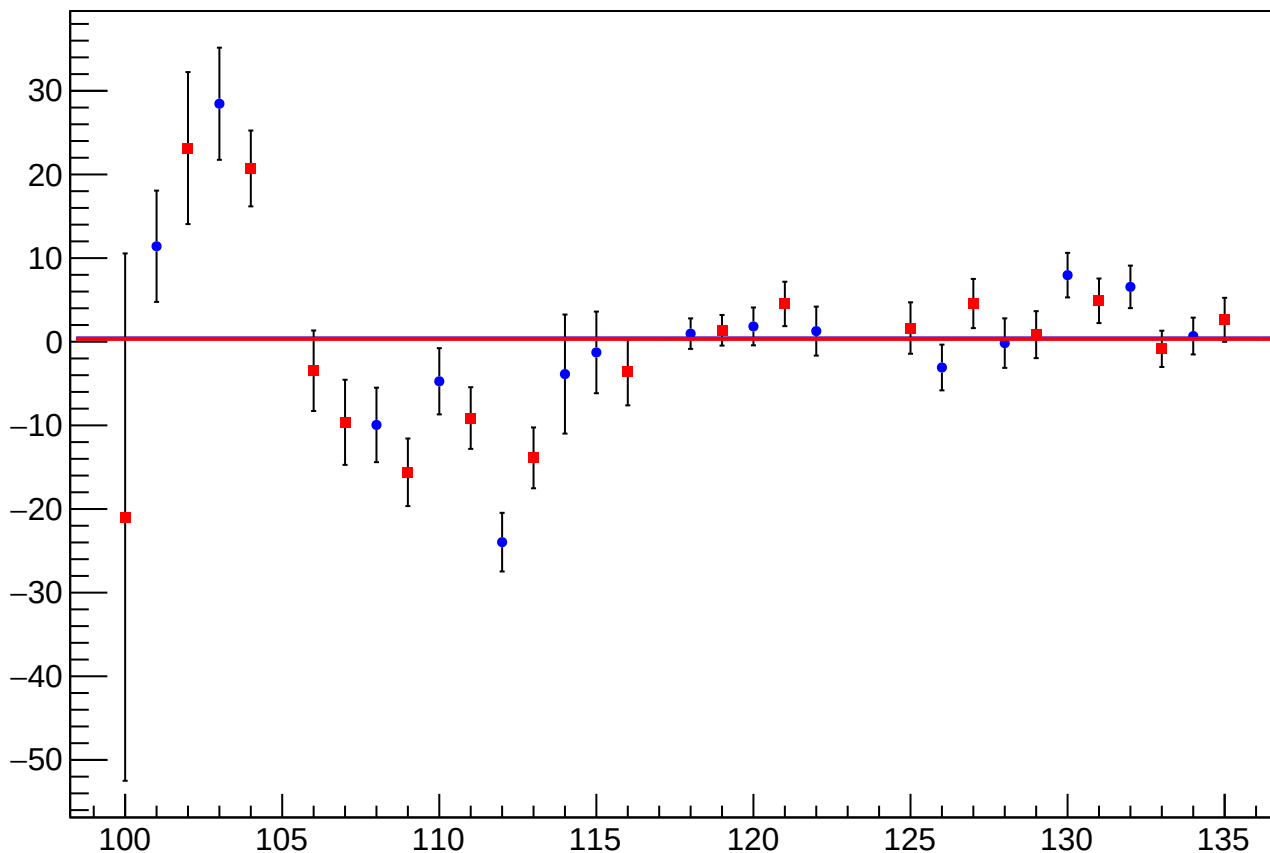
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.520 ± 0.529 χ^2/NDF : 2480.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: 0.393 $\pm$ 0.775 χ^2 /NDF: 92.3/14

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

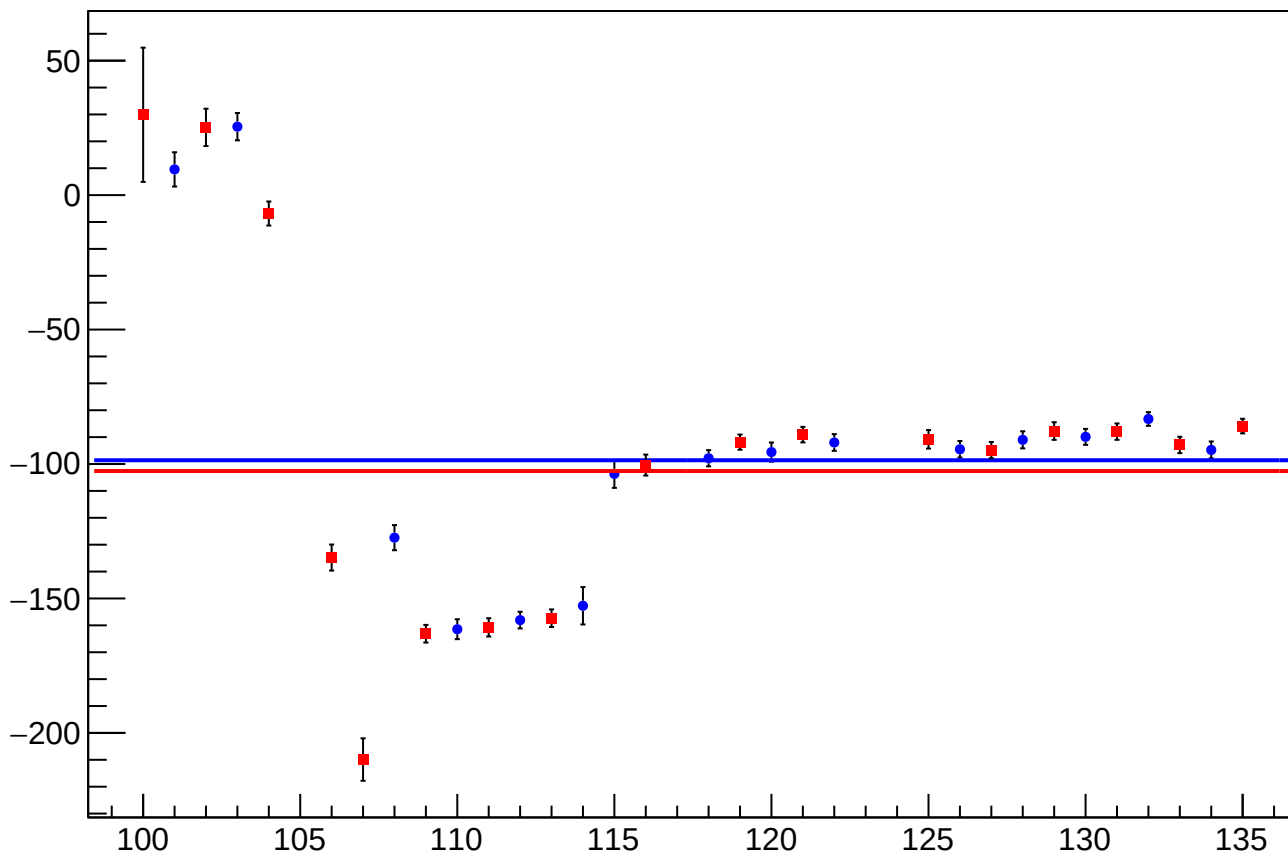
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.370 $\pm$ 0.545 χ^2 /NDF: 171.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -98.600 $\pm$ 0.910 χ^2 /NDF: 1698.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -102.600 $\pm$ 0.859 χ^2 /NDF: 2115.9/16

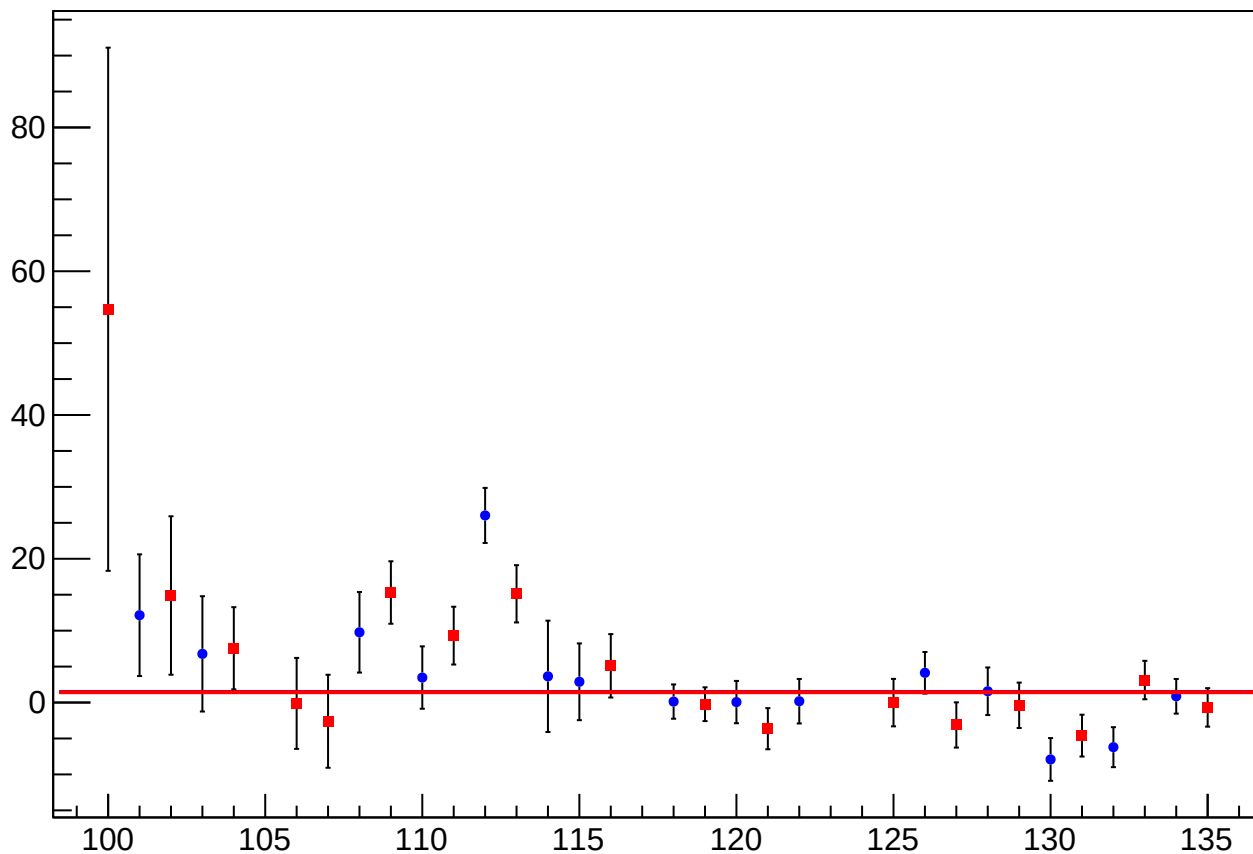
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -100.714 $\pm$ 0.625 χ^2 /NDF: 3824.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 1.469+/-0.893 χ^2/NDF : 64.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.440+/-0.873 χ^2/NDF : 43.4/16

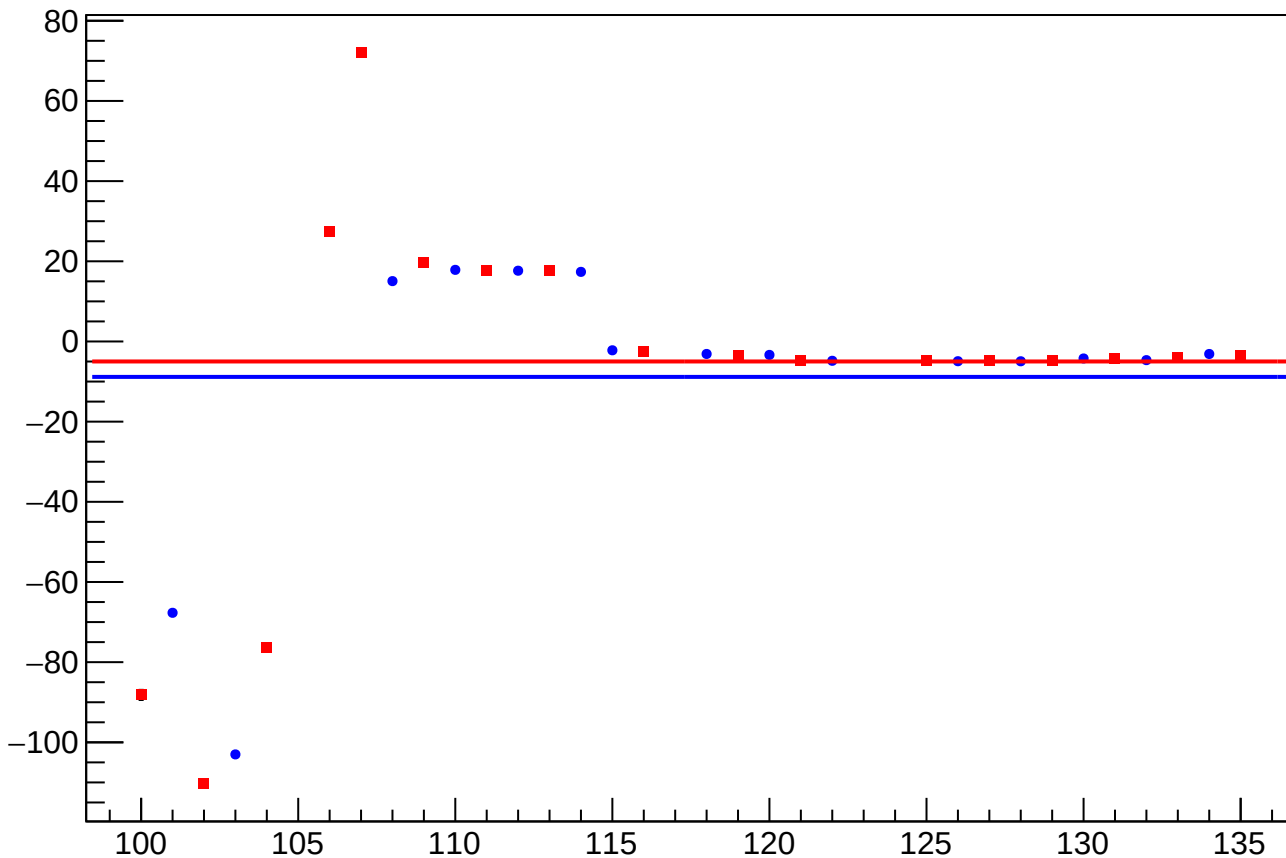
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 1.454+/-0.624 χ^2/NDF : 108.3/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at1lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -8.838+/-0.059 χ^2/NDF : 261957.8/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -4.988+/-0.055 χ^2/NDF : 339266.6/16

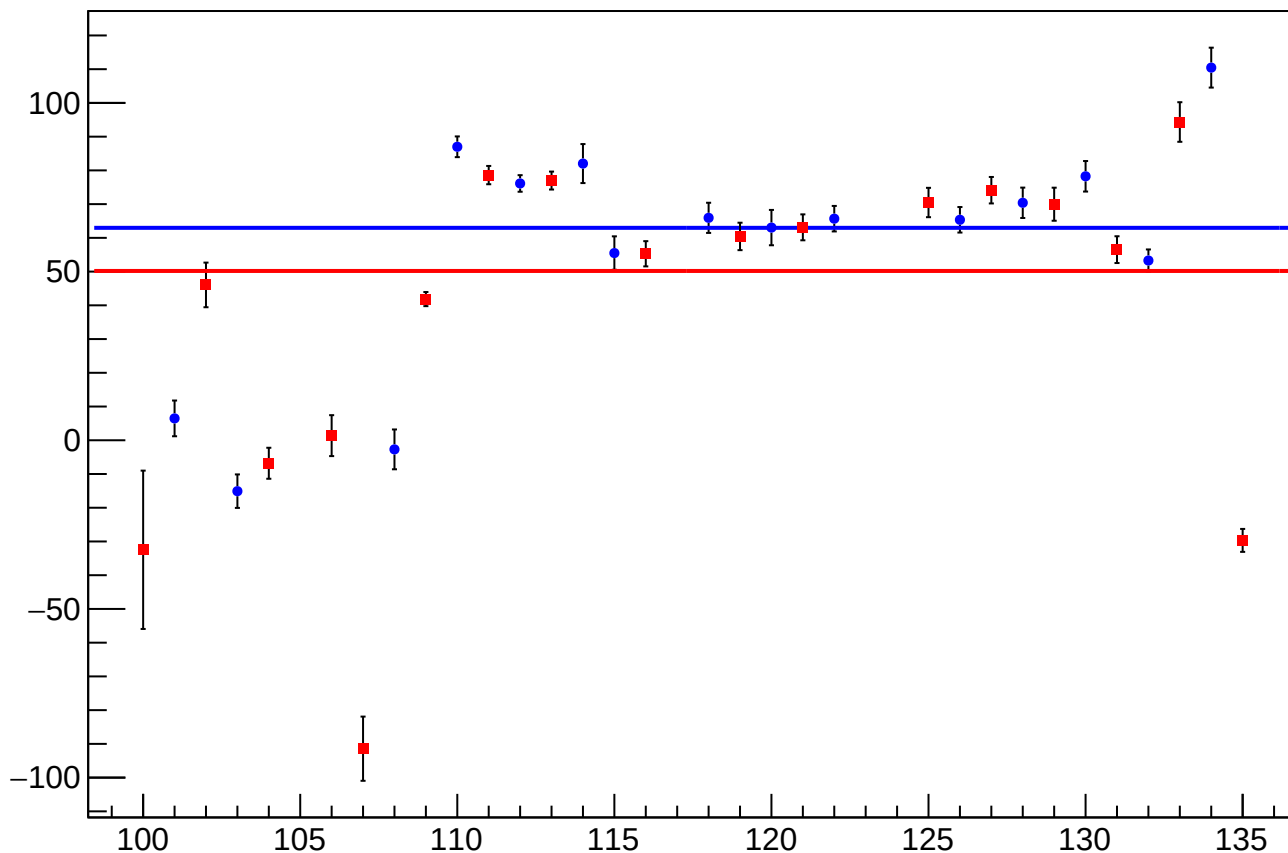
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -6.781+/-0.040 χ^2/NDF : 603495.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 62.973+/-1.058 χ^2/NDF : 676.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 50.189+/-0.931 χ^2/NDF : 1385.8/16

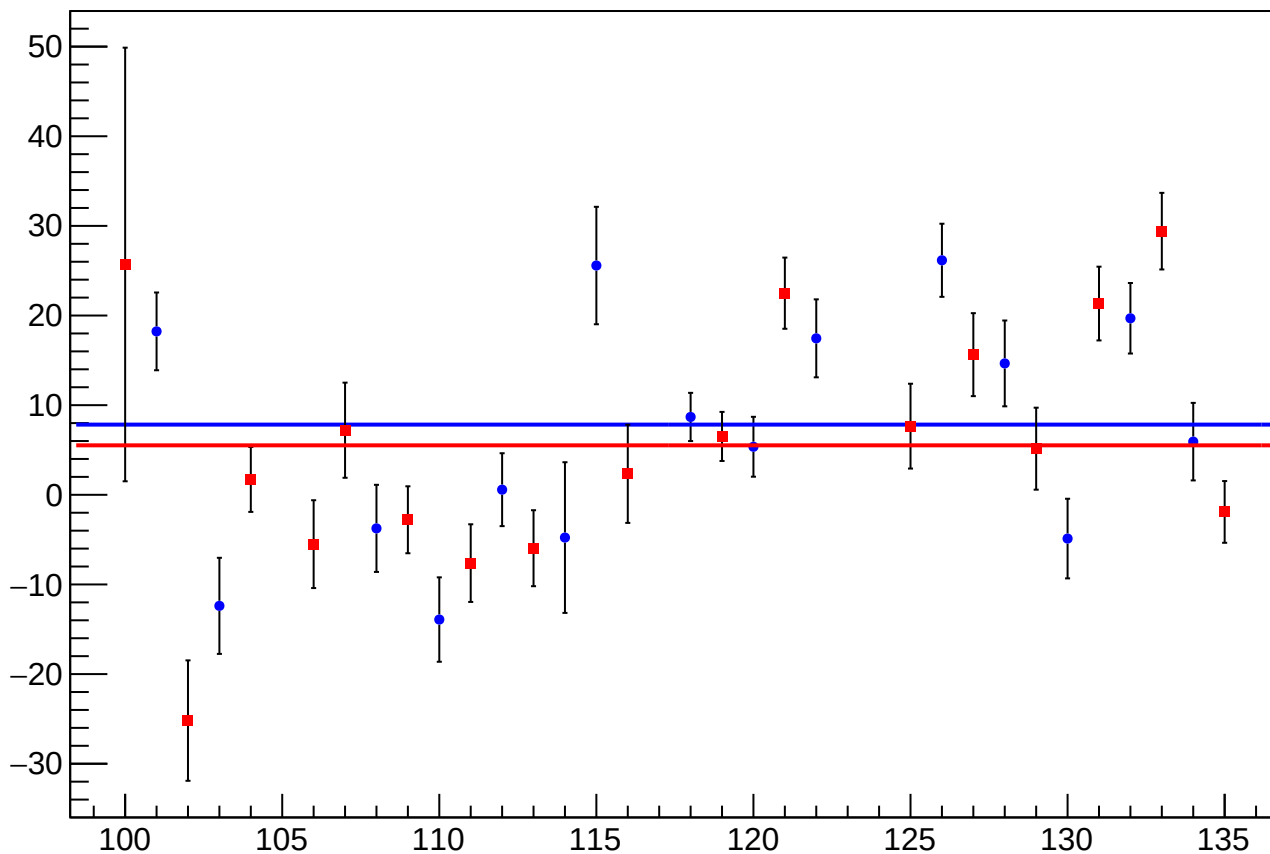
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 55.765+/-0.699 χ^2/NDF : 2144.4/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 7.832 $\pm$ 1.100 χ^2 /NDF: 105.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.519 $\pm$ 1.039 χ^2 /NDF: 123.8/16

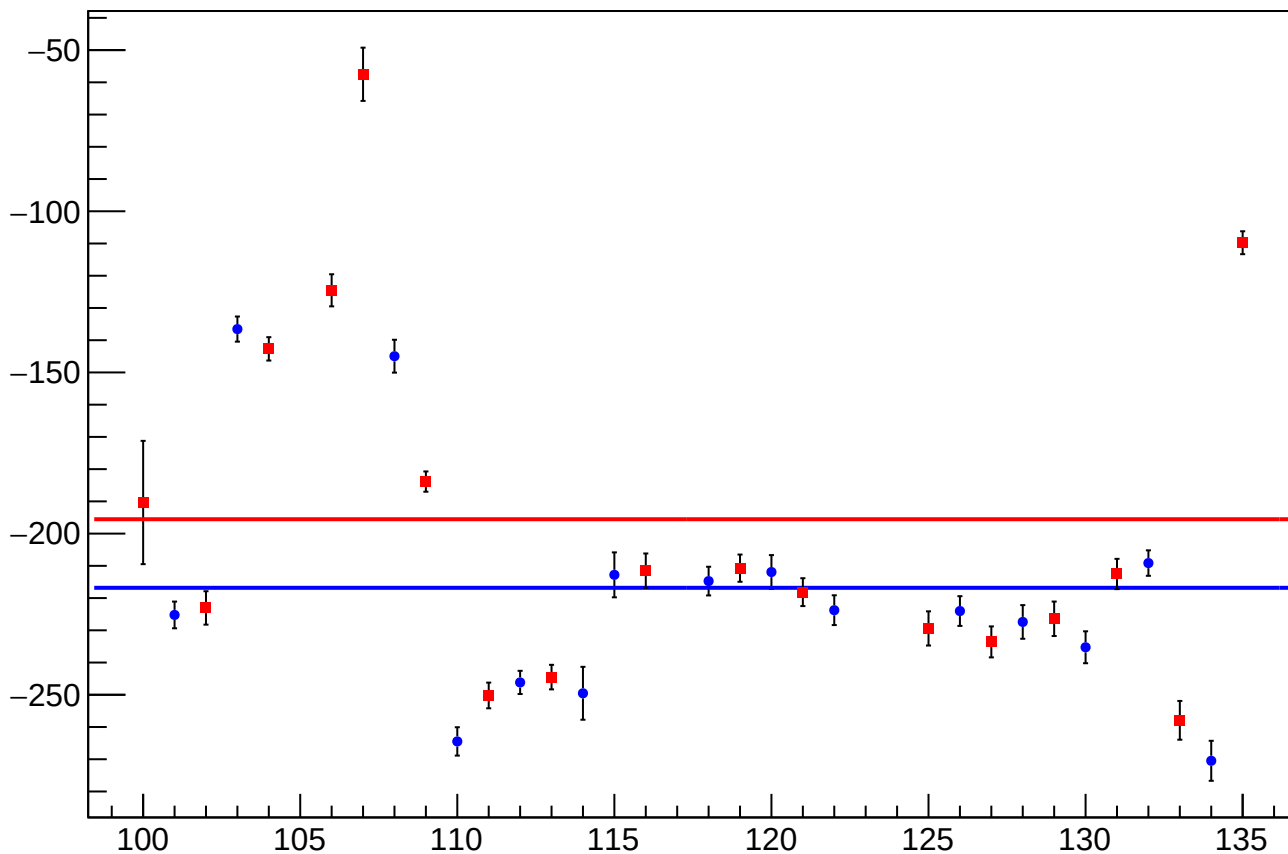
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 6.610 $\pm$ 0.755 χ^2 /NDF: 231.1/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -216.813+/-1.217 χ^2/NDF : 929.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -195.537+/-1.108 χ^2/NDF : 1980.6/16

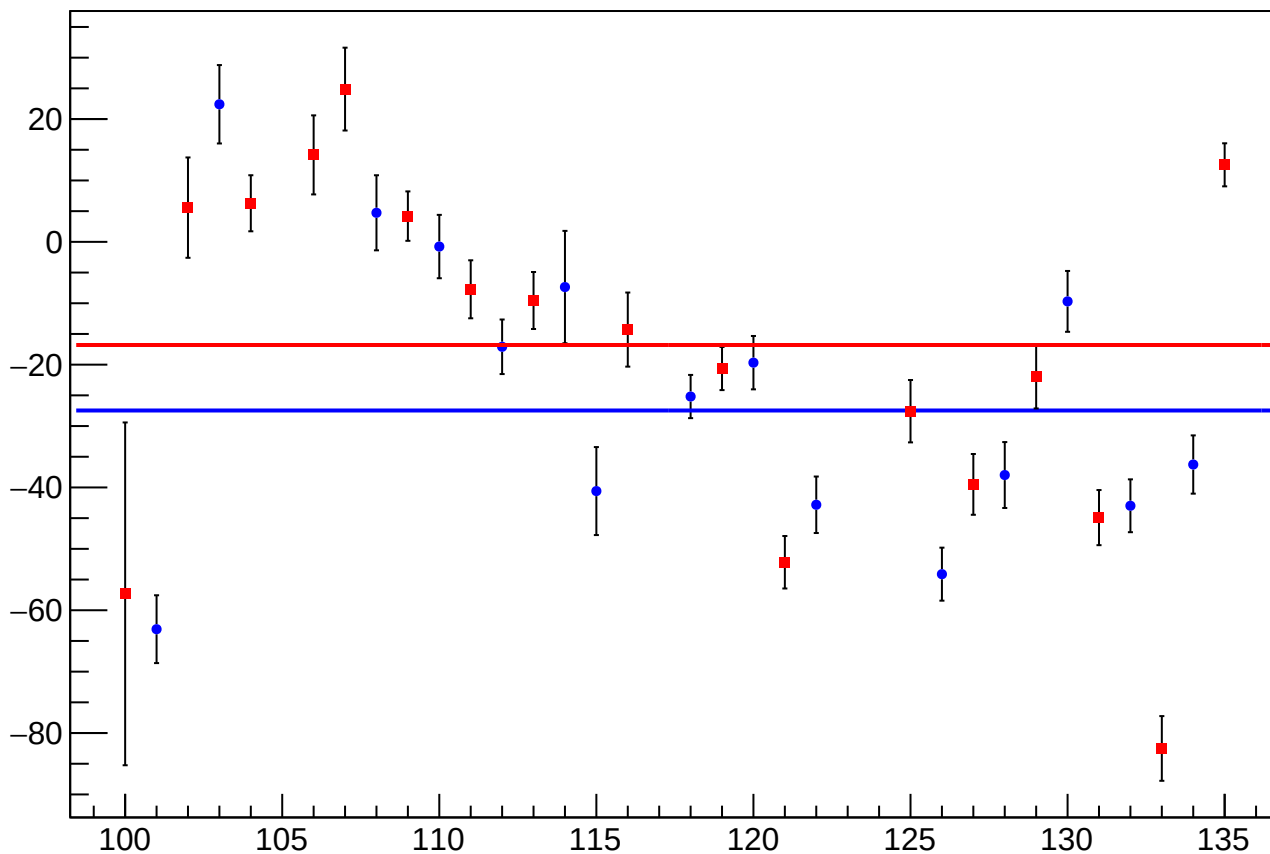
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -205.175+/-0.819 χ^2/NDF : 3077.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -27.466 $\pm$ 1.278 χ^2 /NDF: 256.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -16.798 $\pm$ 1.186 χ^2 /NDF: 491.1/16

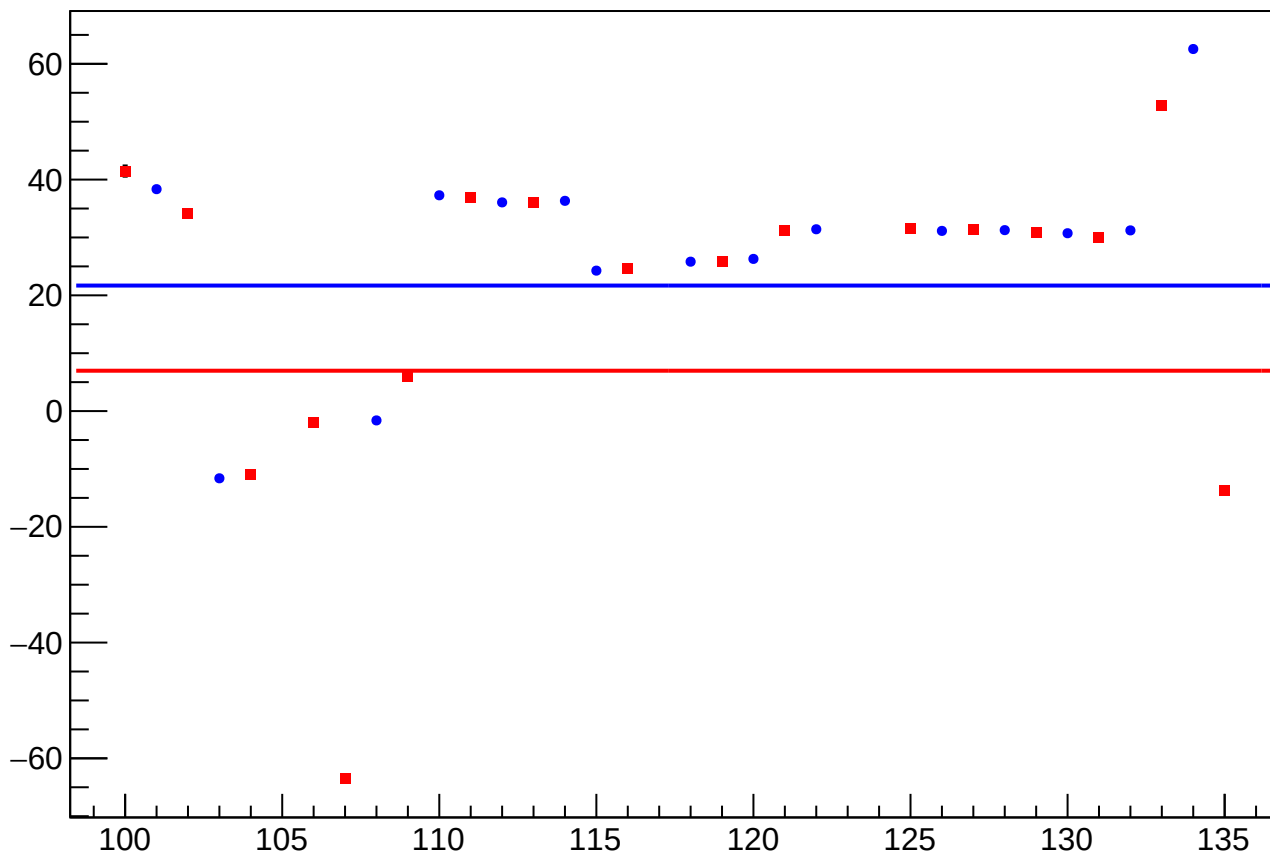
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -21.734 $\pm$ 0.869 χ^2 /NDF: 785.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 21.689+/-0.076 χ^2/NDF : 98966.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 6.974+/-0.066 χ^2/NDF : 148688.5/16

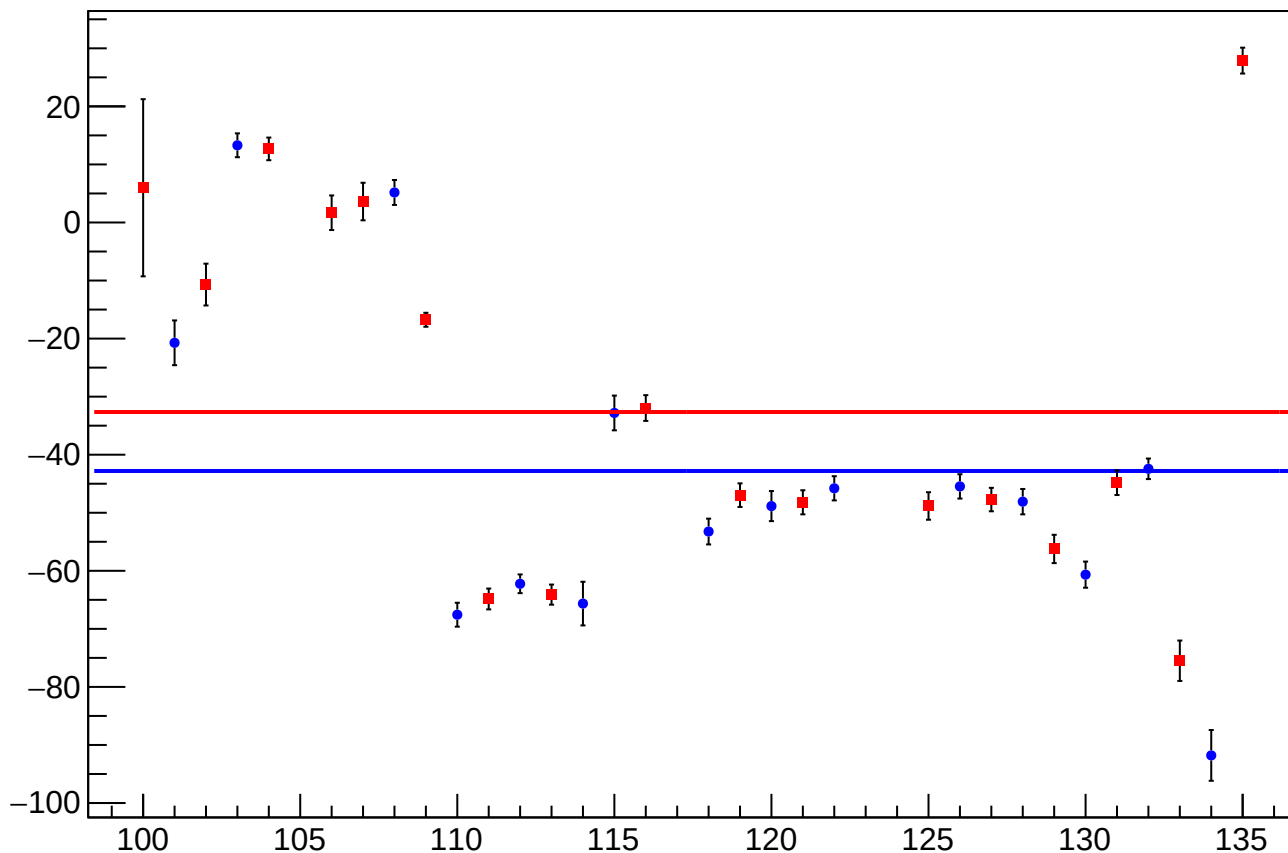
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 13.288+/-0.050 χ^2/NDF : 269014.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -42.803 ± 0.586 χ^2/NDF : 1840.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -32.649 ± 0.523 χ^2/NDF : 2893.0/16

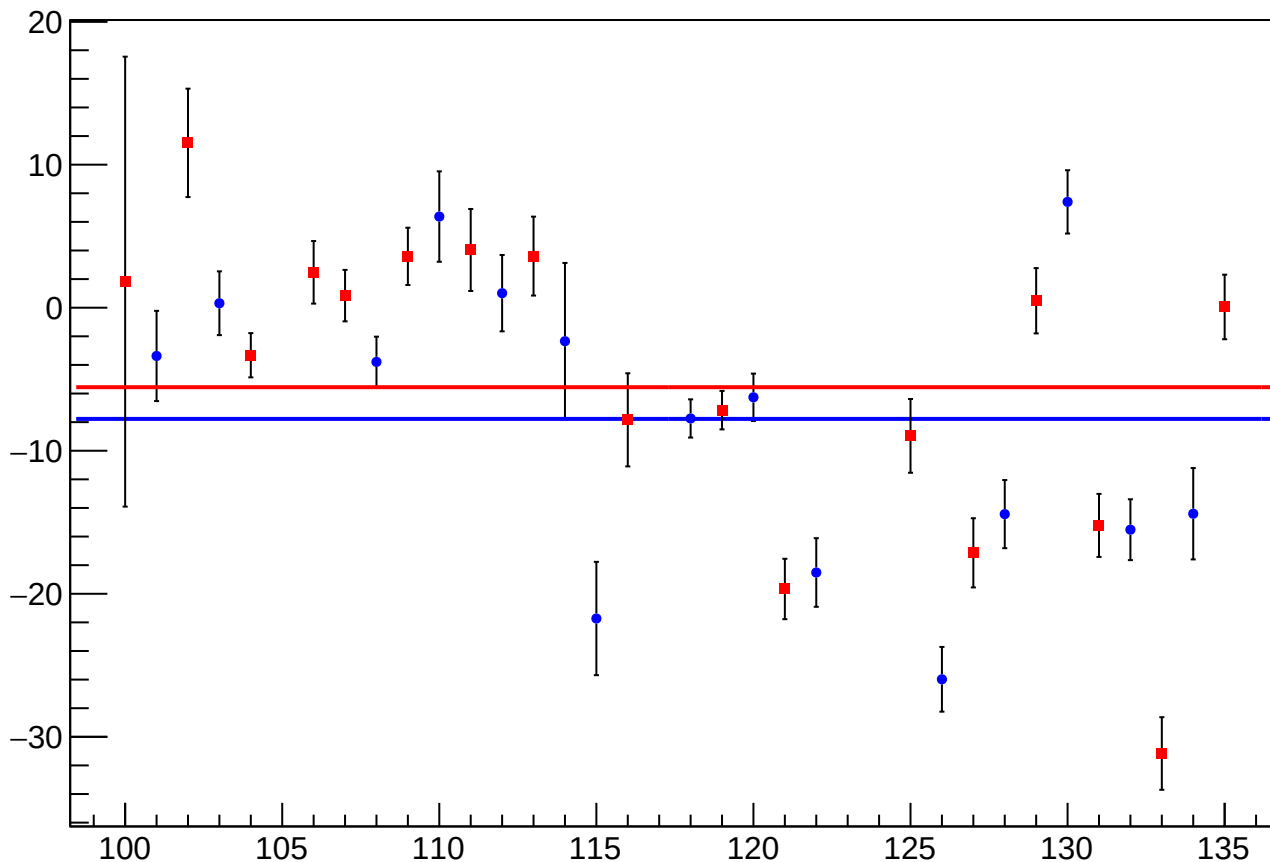
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -37.146 ± 0.390 χ^2/NDF : 4900.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -7.774 $\pm$ 0.582 χ^2 /NDF: 222.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -5.557 $\pm$ 0.538 χ^2 /NDF: 297.4/16

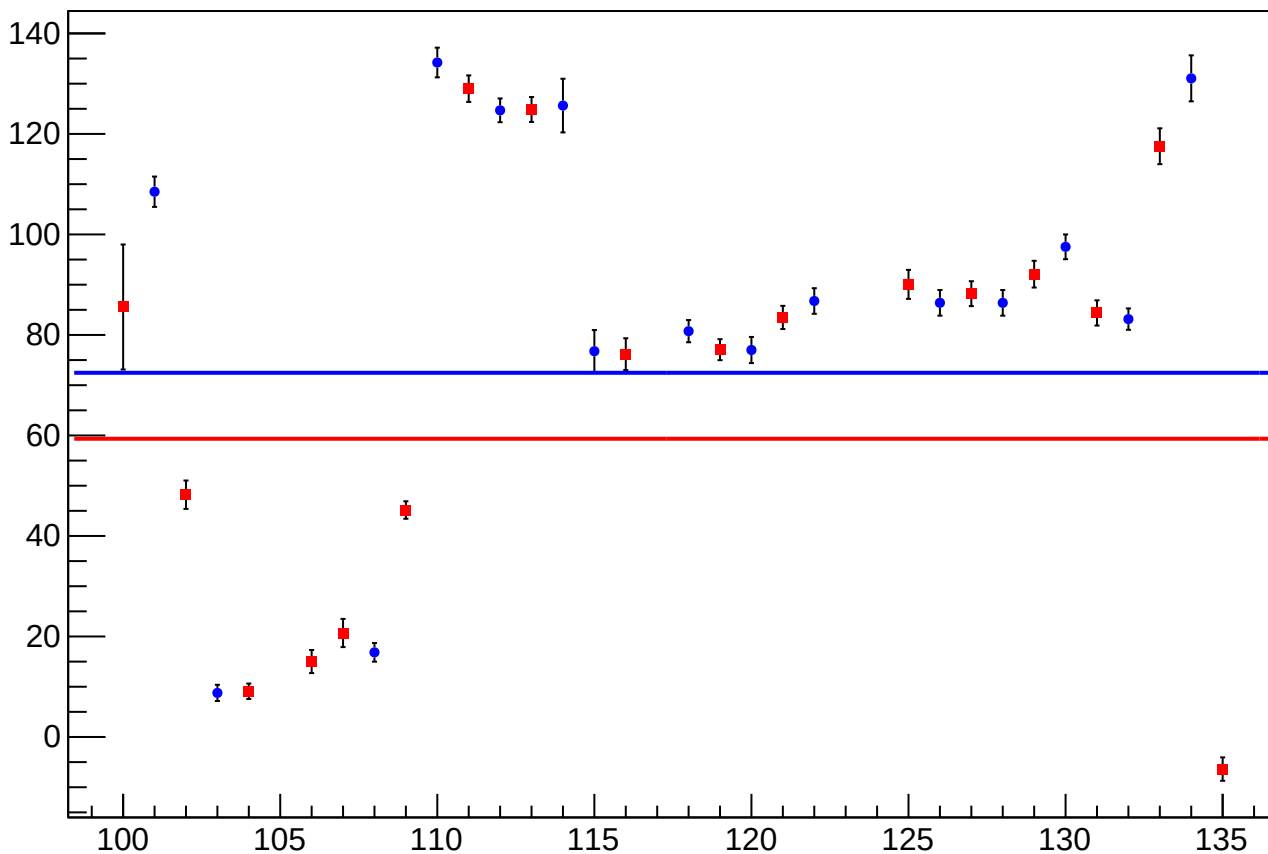
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -6.579 $\pm$ 0.395 χ^2 /NDF: 527.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: 72.472+/-0.643 χ^2 /NDF: 4028.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: 59.345+/-0.590 χ^2 /NDF: 4885.2/16

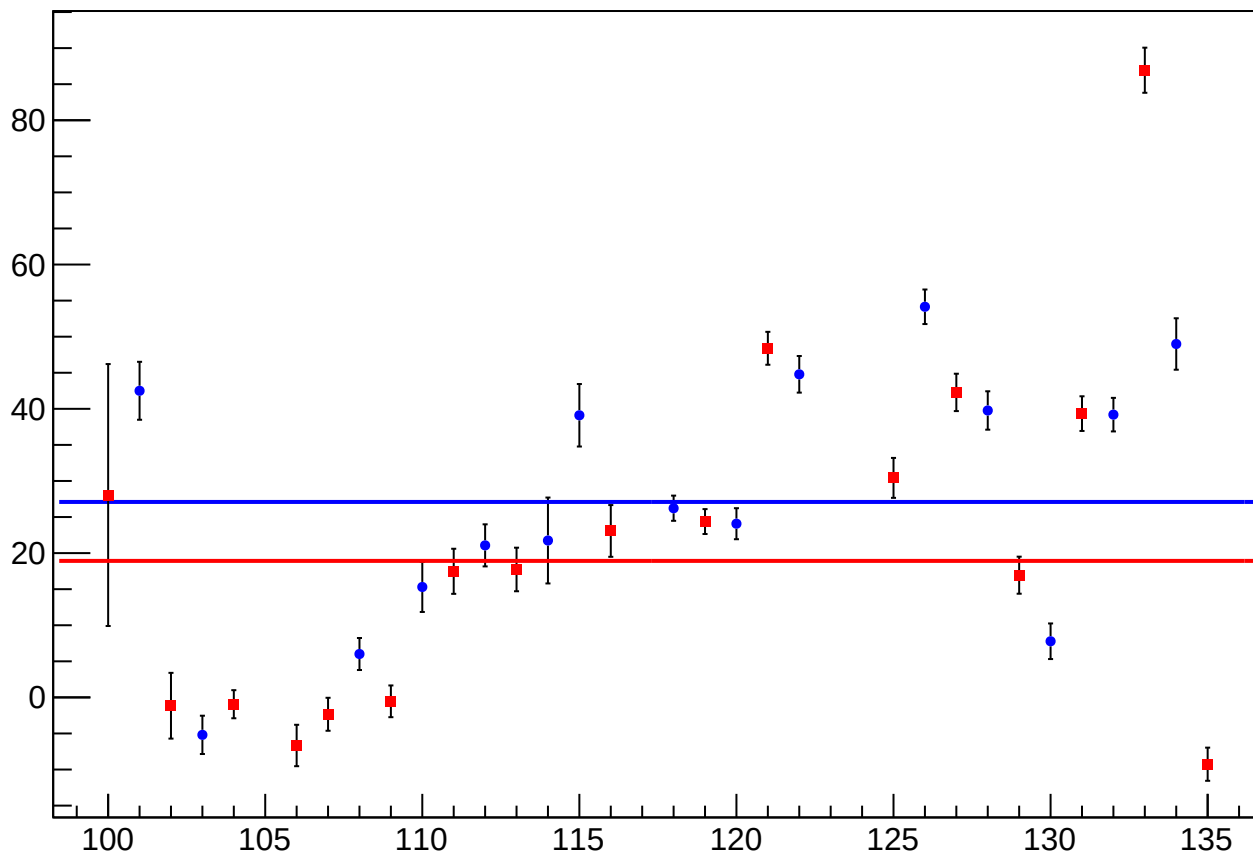
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: 65.345+/-0.435 χ^2 /NDF: 9139.9/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 27.092 $\pm$ 0.685 χ^2 /NDF: 604.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 18.921 $\pm$ 0.626 χ^2 /NDF: 1341.5/16

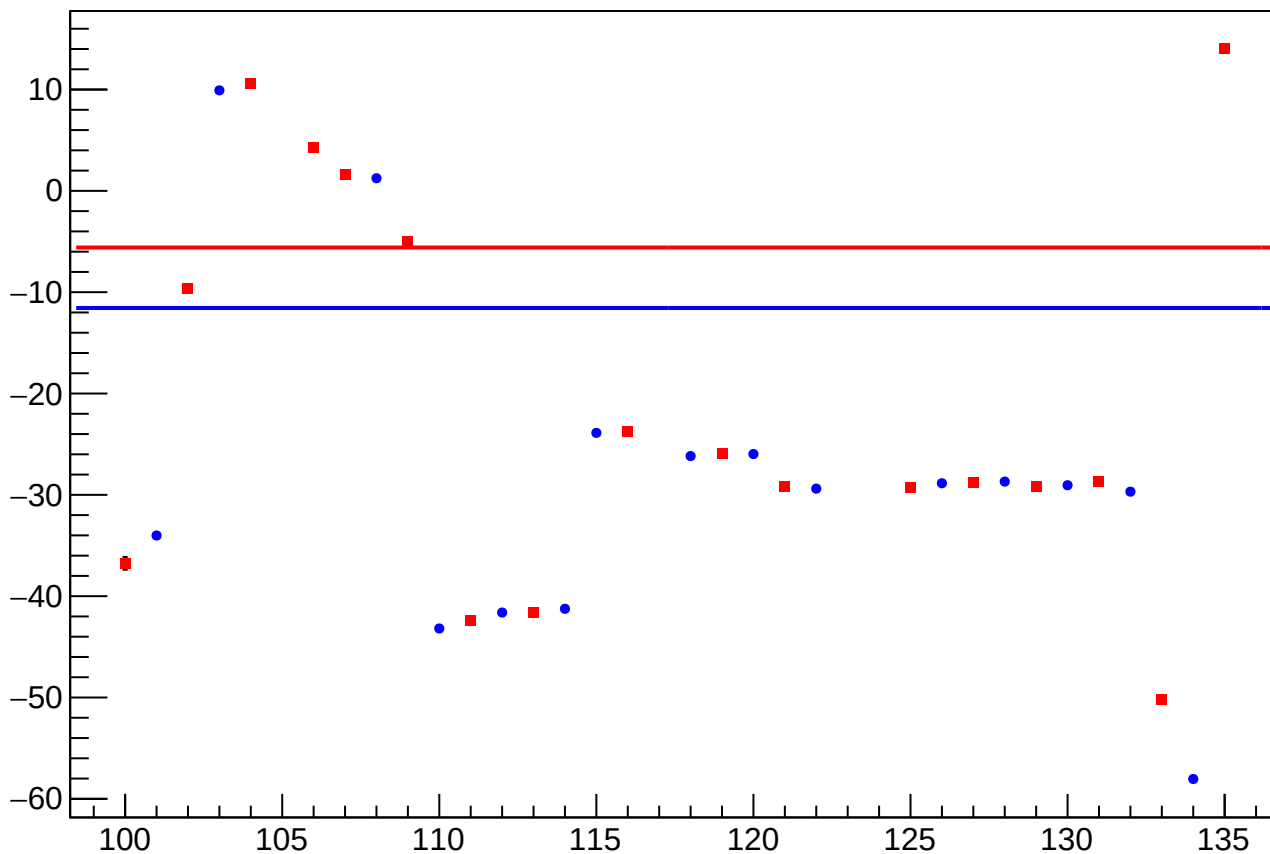
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 22.644 $\pm$ 0.462 χ^2 /NDF: 2023.4/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_at2lr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -11.557 $\pm$ 0.038 χ^2 /NDF: 316100.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: -5.590 $\pm$ 0.034 χ^2 /NDF: 292579.4/16

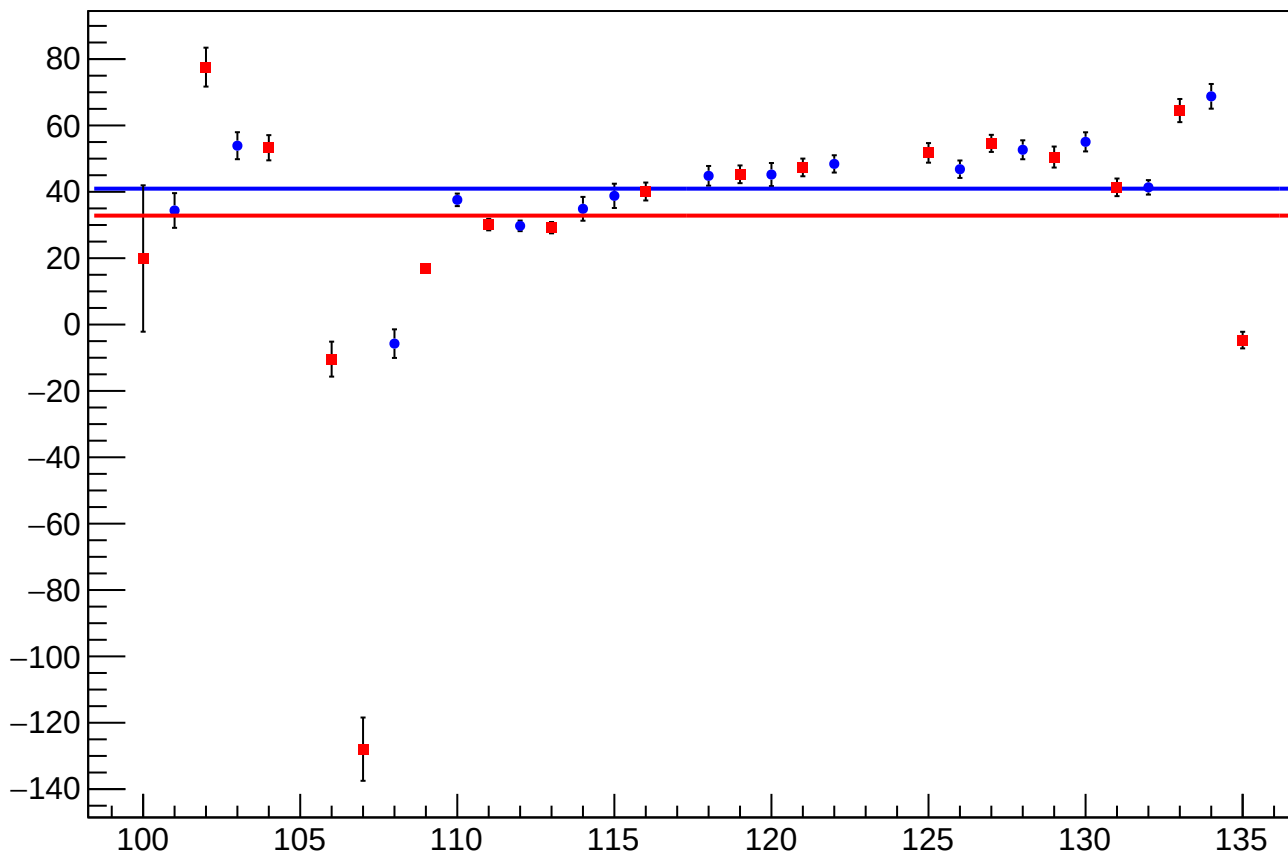
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -8.317 $\pm$ 0.025 χ^2 /NDF: 622364.7/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm1X_slope vs Slug



Right In: 40.953 ± 0.709 χ^2/NDF : 297.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: 32.829 ± 0.640 χ^2/NDF : 1077.6/16

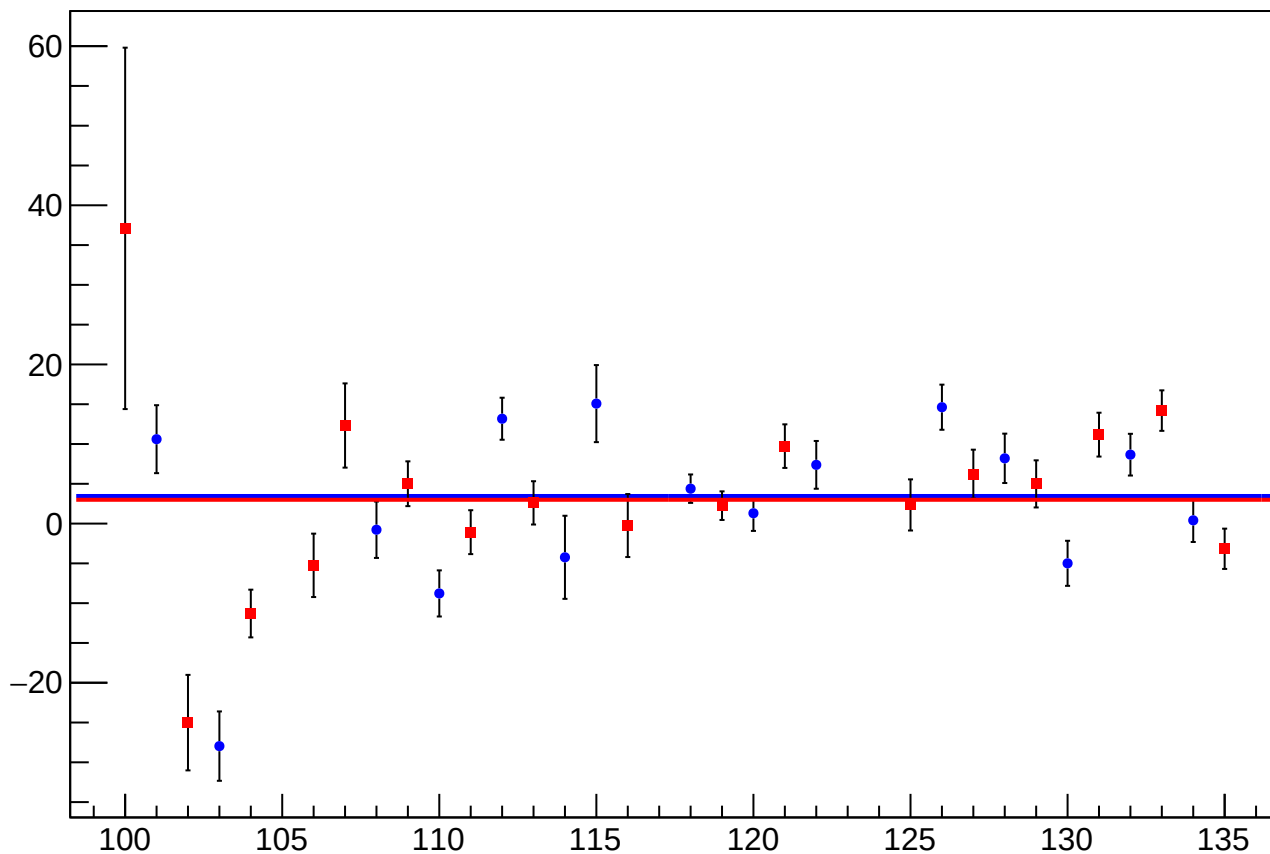
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: 36.479 ± 0.475 χ^2/NDF : 1447.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4aY_slope vs Slug



Right In: 3.468+/-0.748 χ^2/NDF : 130.4/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 2.992+/-0.726 χ^2/NDF : 99.5/16

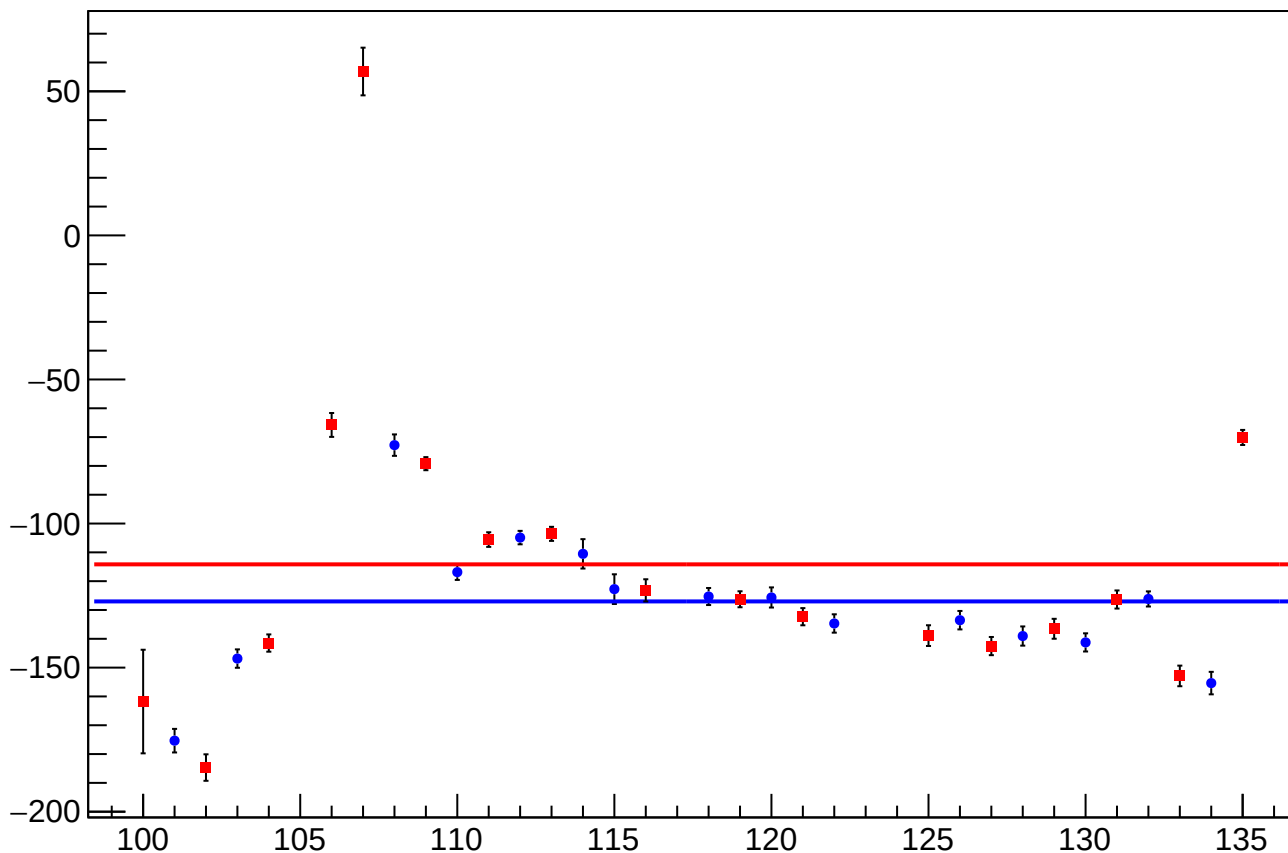
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 3.223+/-0.521 χ^2/NDF : 230.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eX_slope vs Slug



Right In: -127.027+/-0.839 χ^2 /NDF: 602.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -114.164+/-0.779 χ^2 /NDF: 1804.3/16

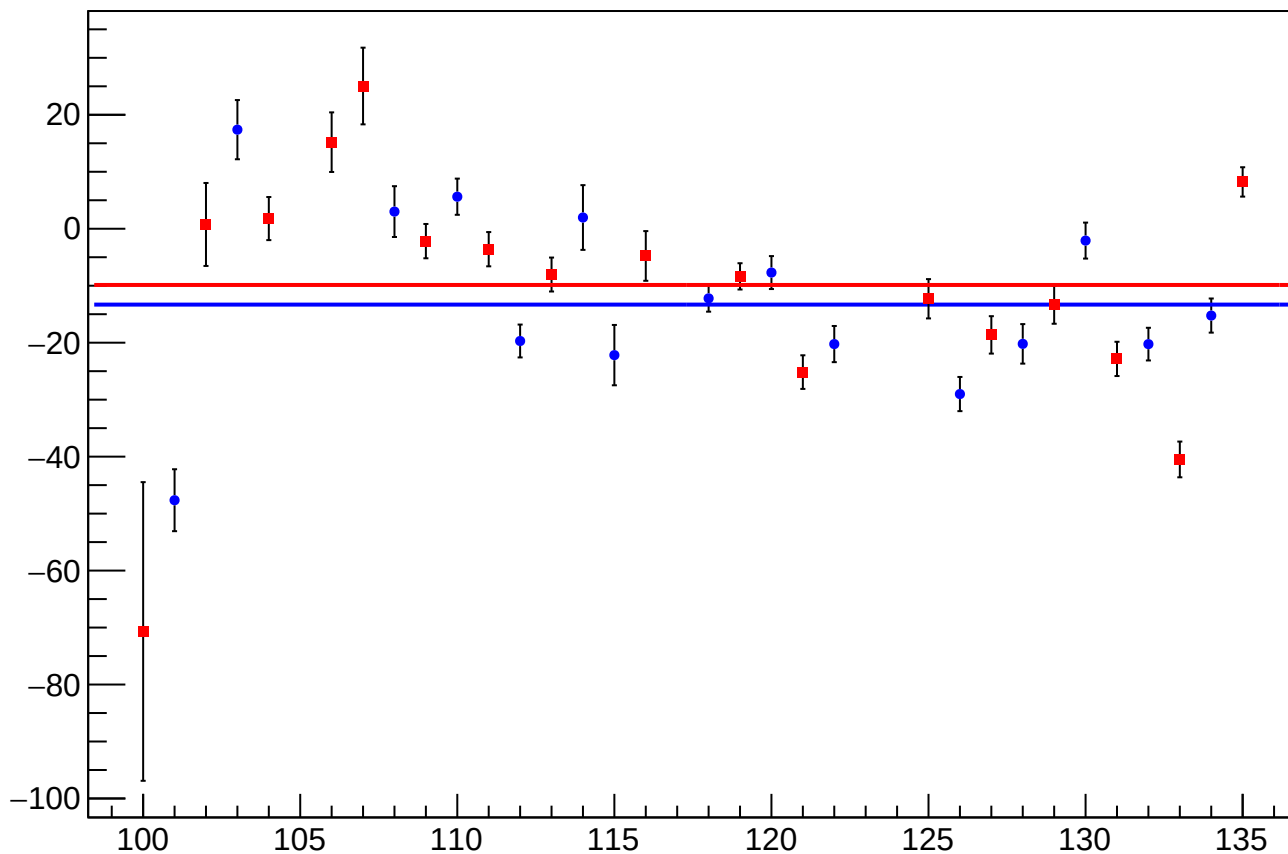
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -120.115+/-0.571 χ^2 /NDF: 2533.0/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm4eY_slope vs Slug



Right In: -13.315 ± 0.865 χ^2/NDF : 197.7/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -9.867 ± 0.825 χ^2/NDF : 278.7/16

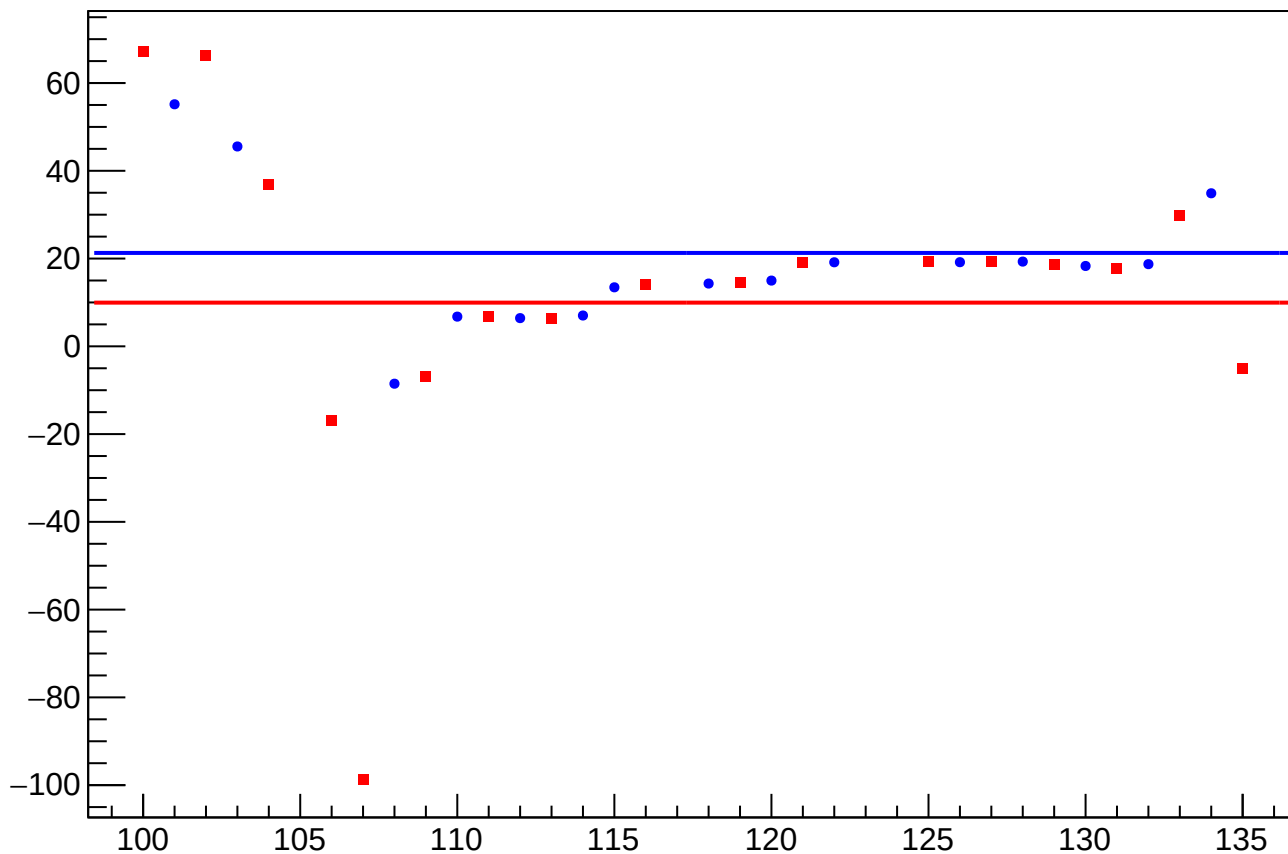
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -11.510 ± 0.597 χ^2/NDF : 484.8/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_avg_diff_bpm12X_slope vs Slug



Right In: 21.284+/-0.054 χ^2/NDF : 114089.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 9.958+/-0.049 χ^2/NDF : 285077.5/16

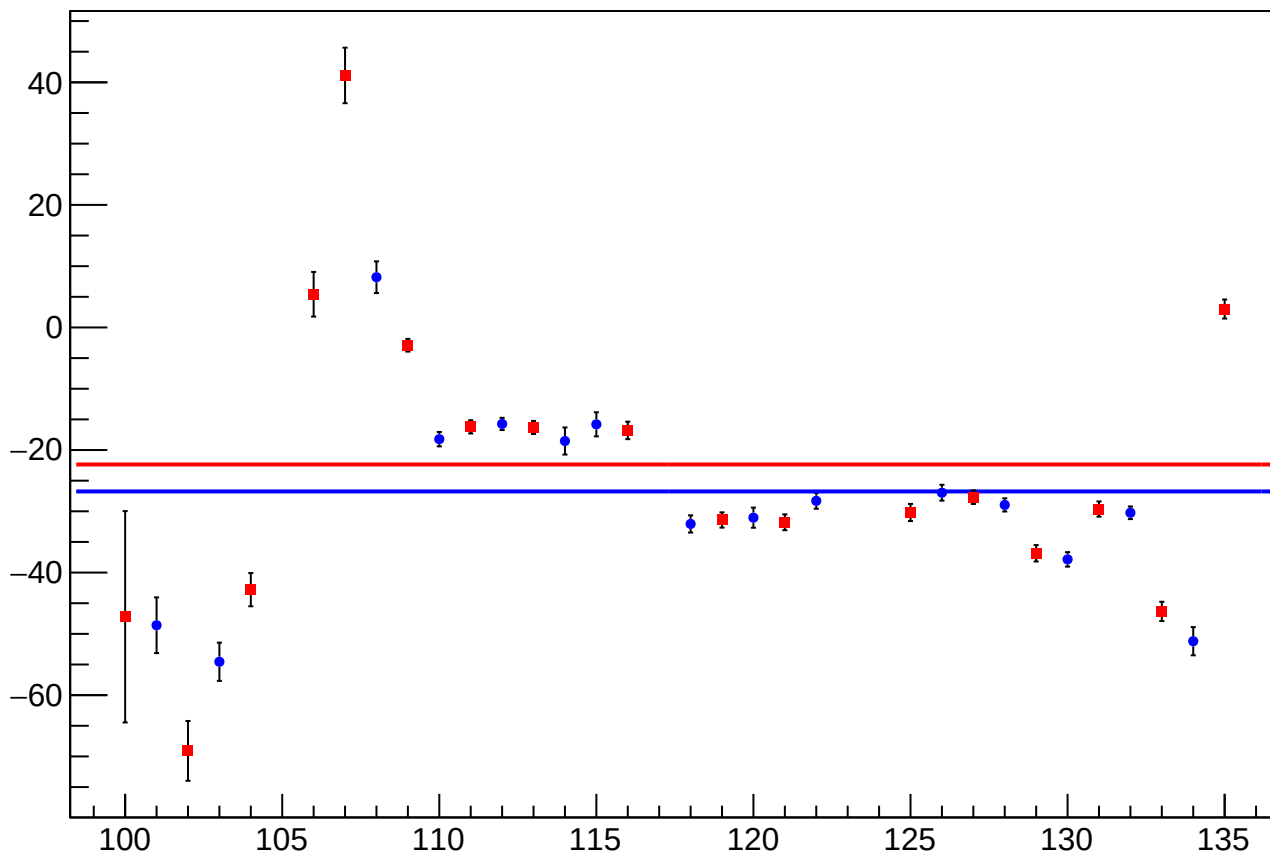
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.067+/-0.036 χ^2/NDF : 423109.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm1X_slope vs Slug



Right In: -26.758 ± 0.371 χ^2/NDF : 743.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -22.358 ± 0.352 χ^2/NDF : 1650.7/16

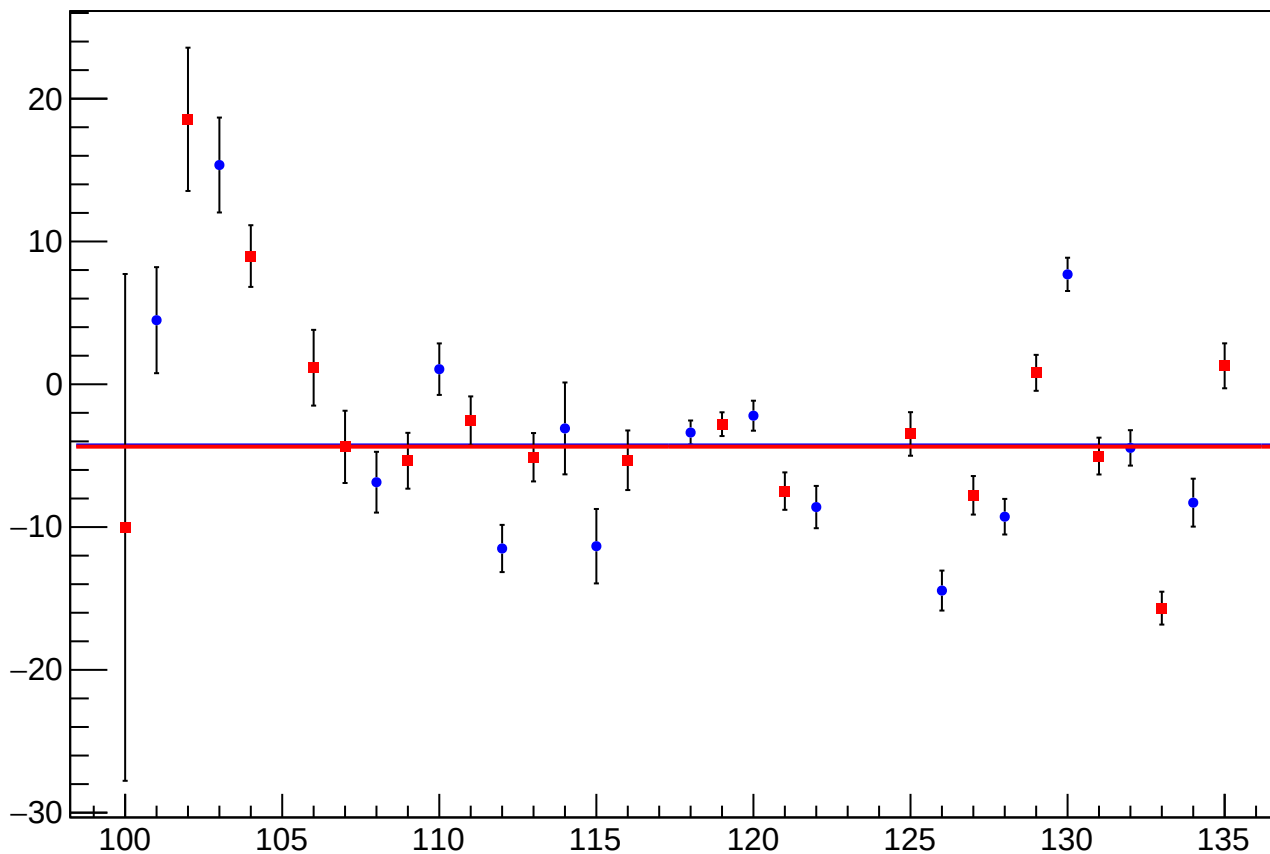
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -24.442 ± 0.255 χ^2/NDF : 2468.0/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4aY_slope vs Slug



Right In: -4.283+/-0.379 χ^2 /NDF: 271.0/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -4.368+/-0.374 χ^2 /NDF: 207.8/16

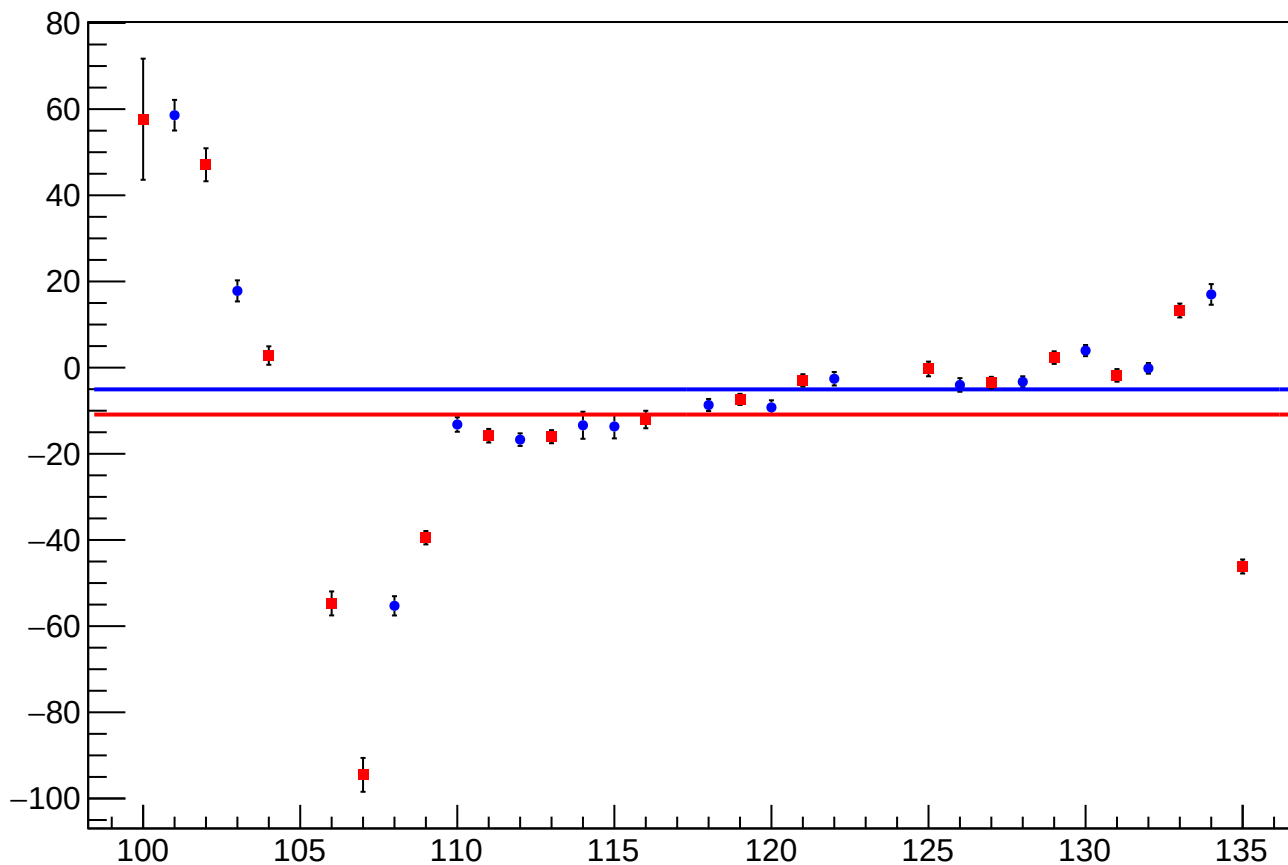
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.326+/-0.266 χ^2 /NDF: 478.8/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eX_slope vs Slug



Right In: -5.047+/-0.438 χ^2 /NDF: 1182.4/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -10.890+/-0.421 χ^2 /NDF: 2276.6/16

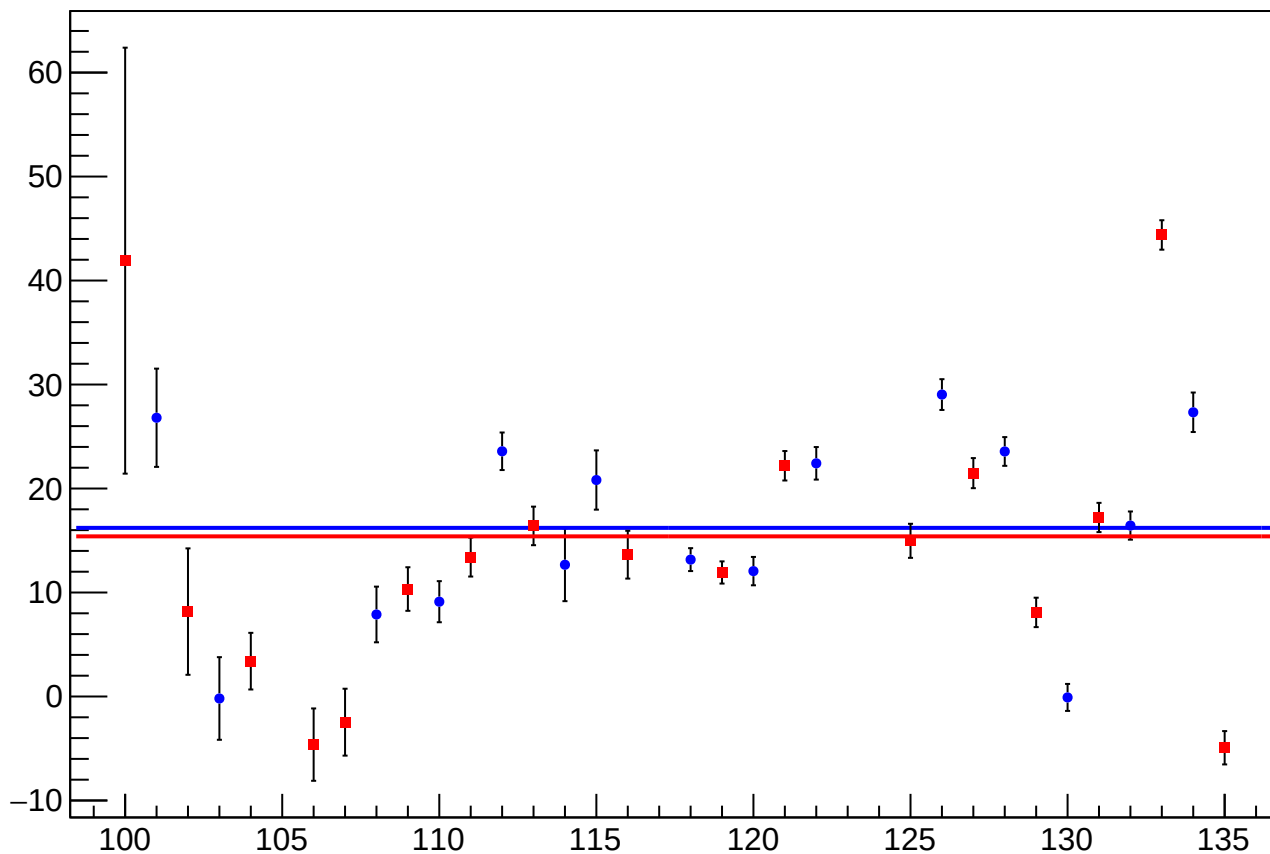
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -8.085+/-0.303 χ^2 /NDF: 3551.7/31

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm4eY_slope vs Slug



Right In: 16.216+/-0.439 χ^2/NDF : 393.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 15.399+/-0.428 χ^2/NDF : 754.1/16

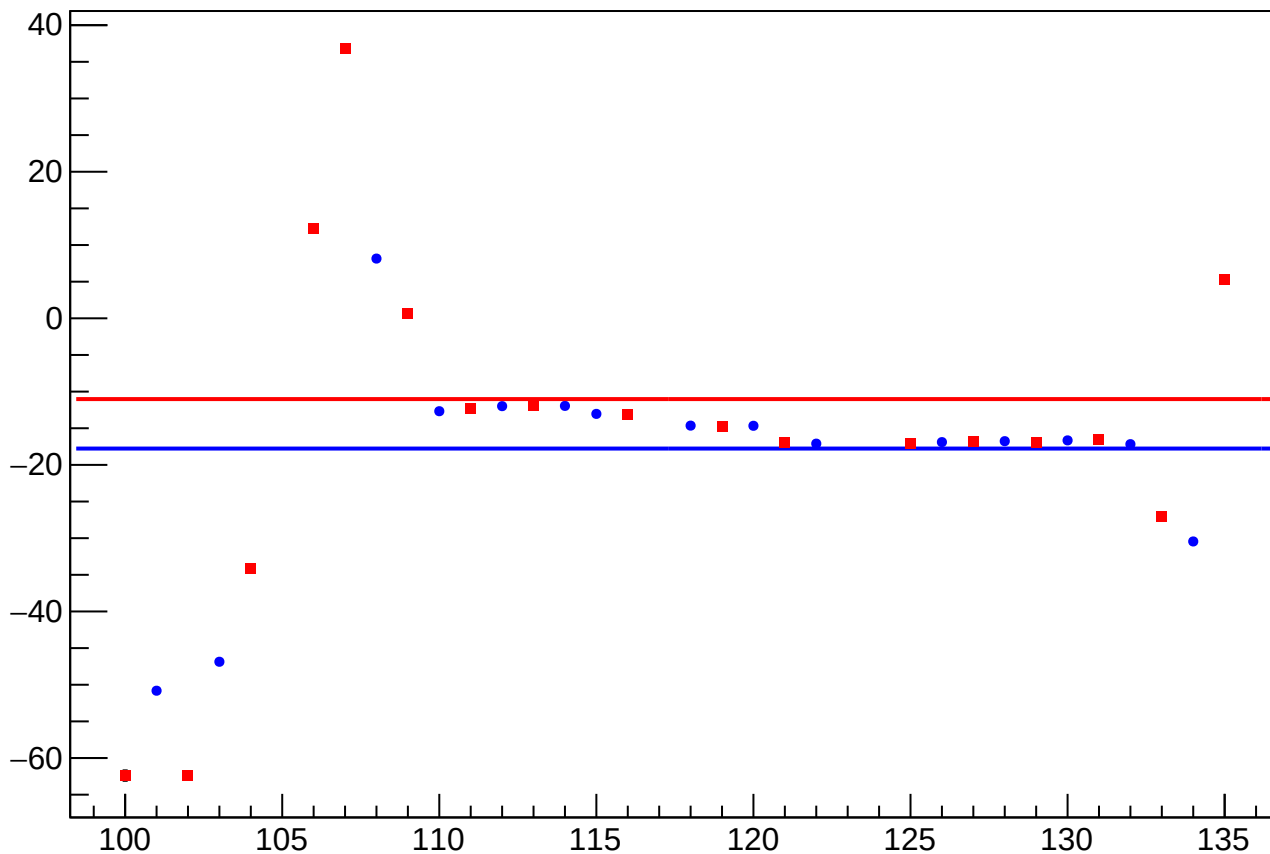
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 15.797+/-0.307 χ^2/NDF : 1148.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_us_dd_atlr_dd_dd_diff_bpm12X_slope vs Slug



Right In: -17.772 ± 0.031 χ^2/NDF : 209229.4/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -11.021 ± 0.028 χ^2/NDF : 375803.8/16

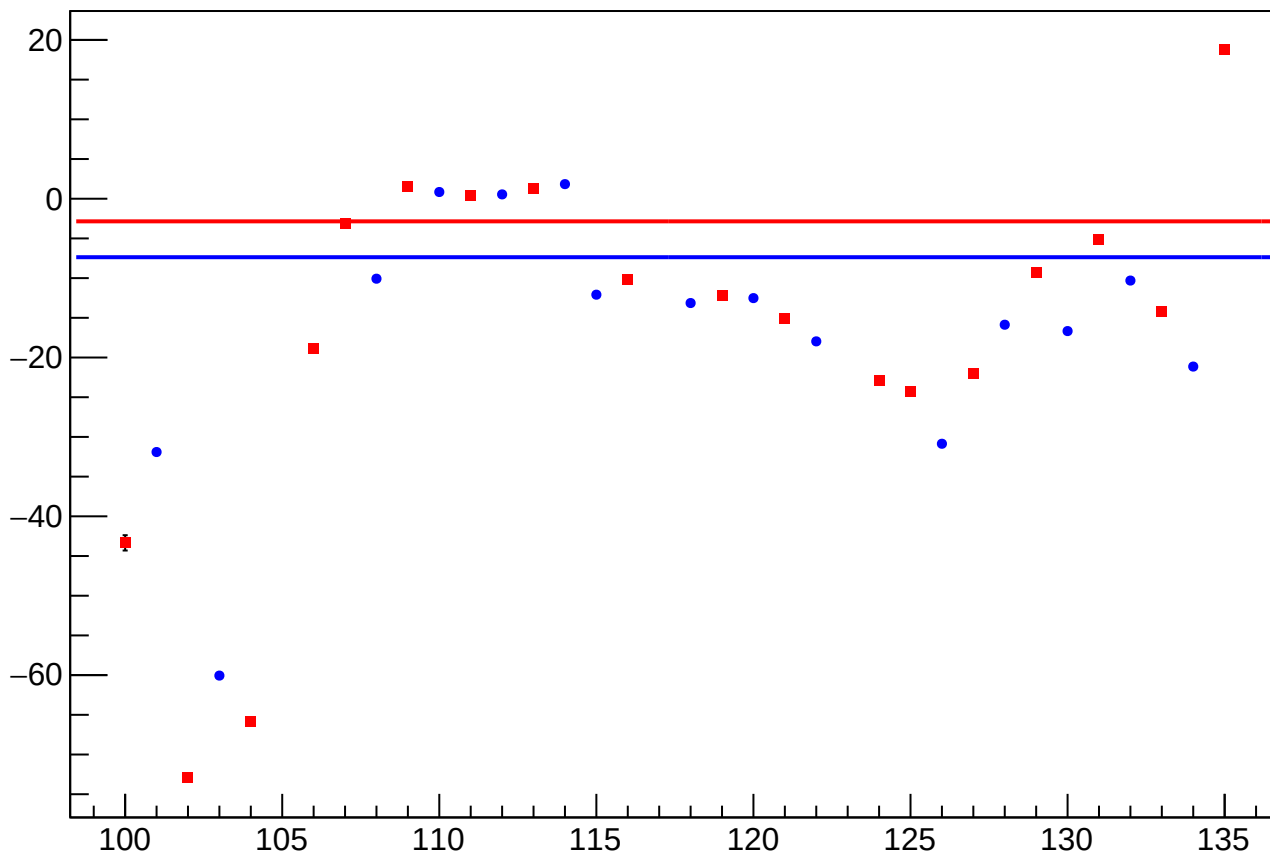
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -14.123 ± 0.021 χ^2/NDF : 611119.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm1X_slope vs Slug



Right In: -7.366+/-0.057 χ^2 /NDF: 42382.5/14

Left Out: 0.000+/-0.000 χ^2 /NDF:0.0/0

Right Out: -2.850+/-0.047 χ^2 /NDF: 75066.1/17

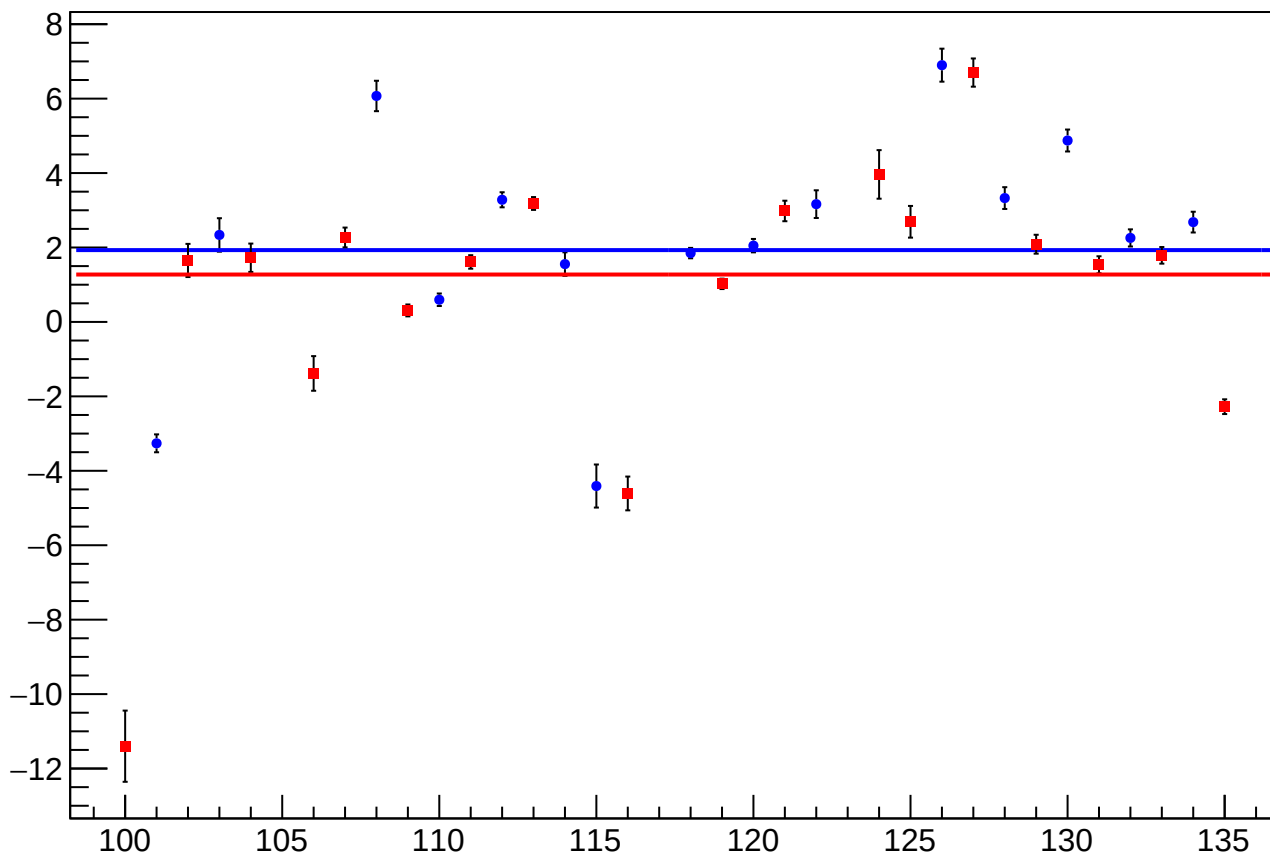
Left In: 0.000+/-0.000 χ^2 /NDF:0.0/0

+ sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

All: -4.638+/-0.036 χ^2 /NDF: 121175.9/32

- sign 0.000+/-0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4aY_slope vs Slug



Right In: 1.930 $\pm$ 0.063 χ^2 /NDF: 1067.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.274 $\pm$ 0.058 χ^2 /NDF: 1167.9/17

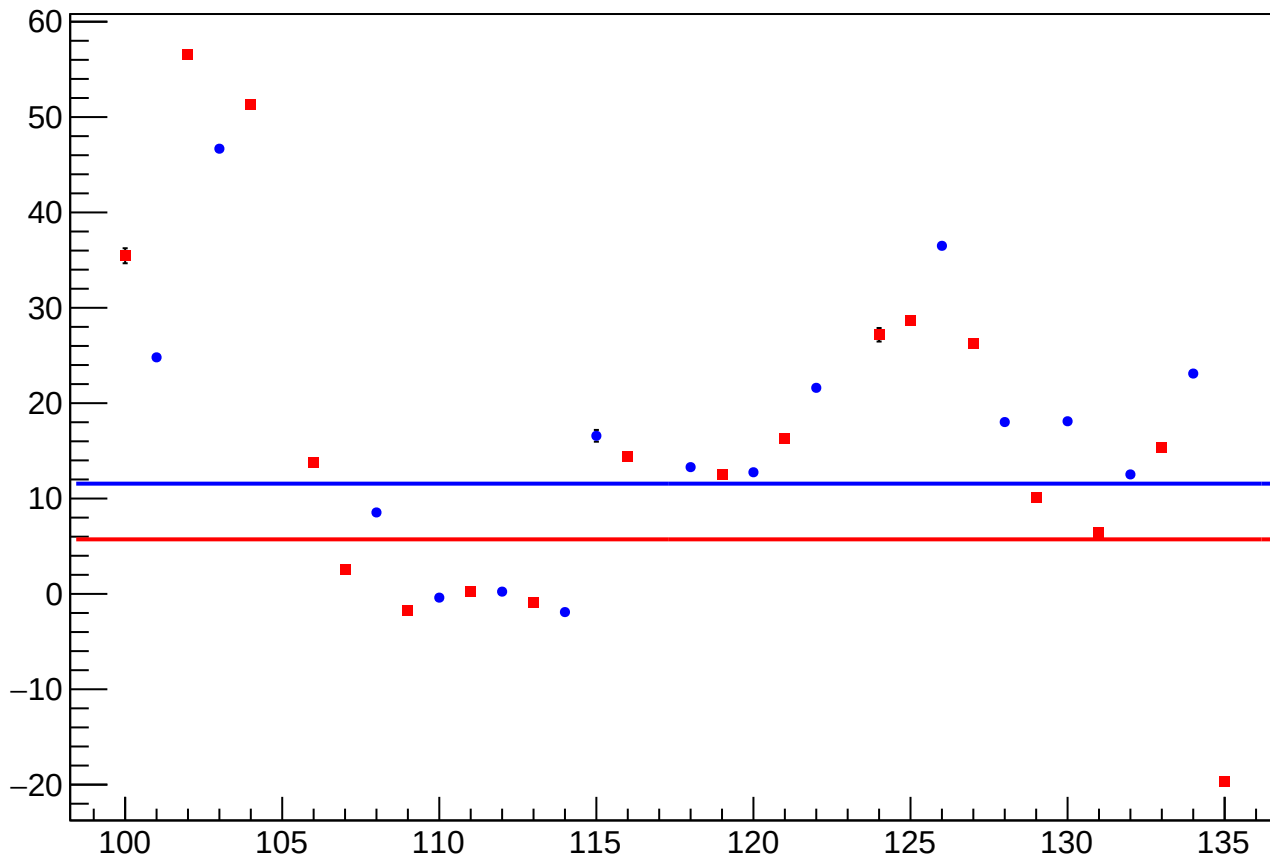
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.572 $\pm$ 0.043 χ^2 /NDF: 2294.4/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eX_slope vs Slug



Right In: 11.561 $\pm$ 0.070 χ^2 /NDF: 30768.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.720 $\pm$ 0.060 χ^2 /NDF: 68268.1/17

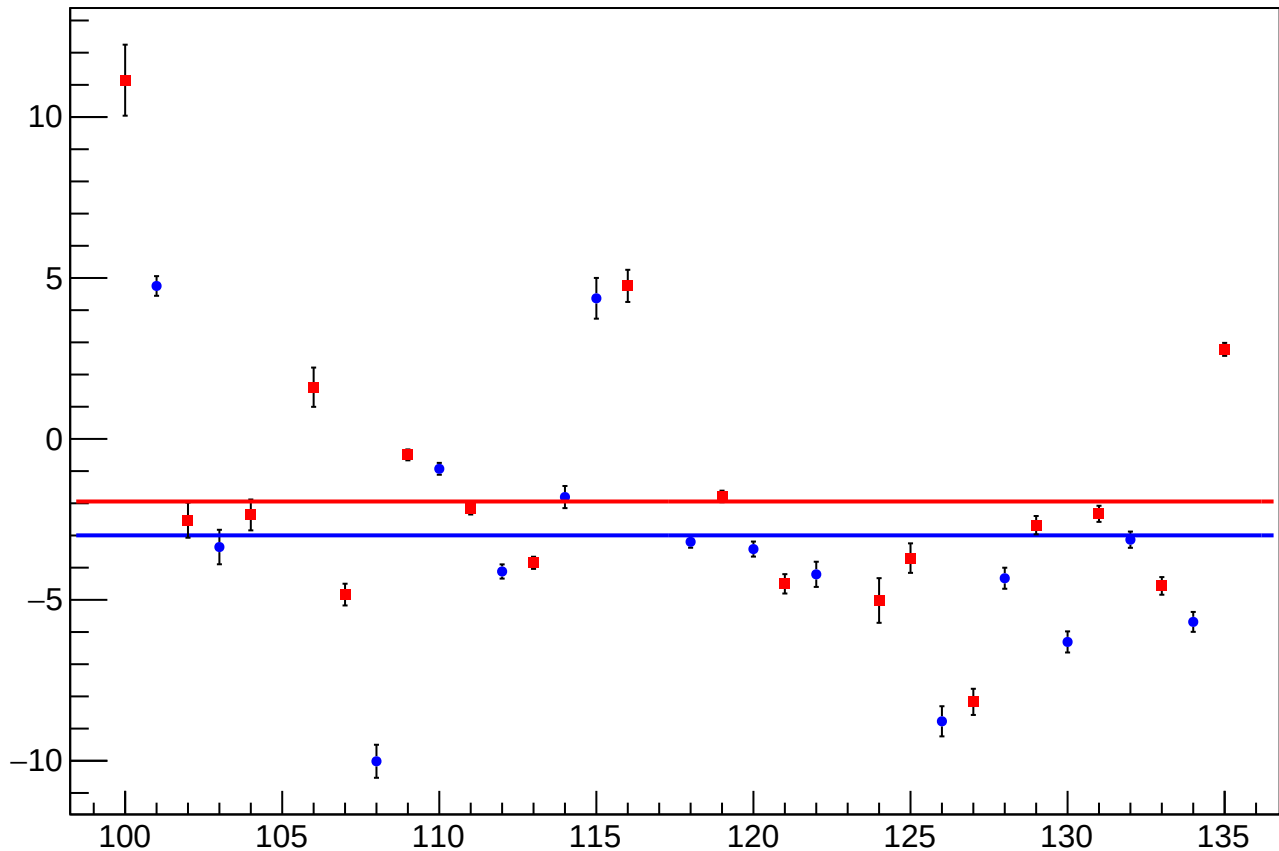
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.194 $\pm$ 0.046 χ^2 /NDF: 103045.1/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds3_diff_bpm4eY_slope vs Slug



Right In: -2.997 ± 0.074 χ^2/NDF : 1490.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.944 ± 0.065 χ^2/NDF : 1597.7/17

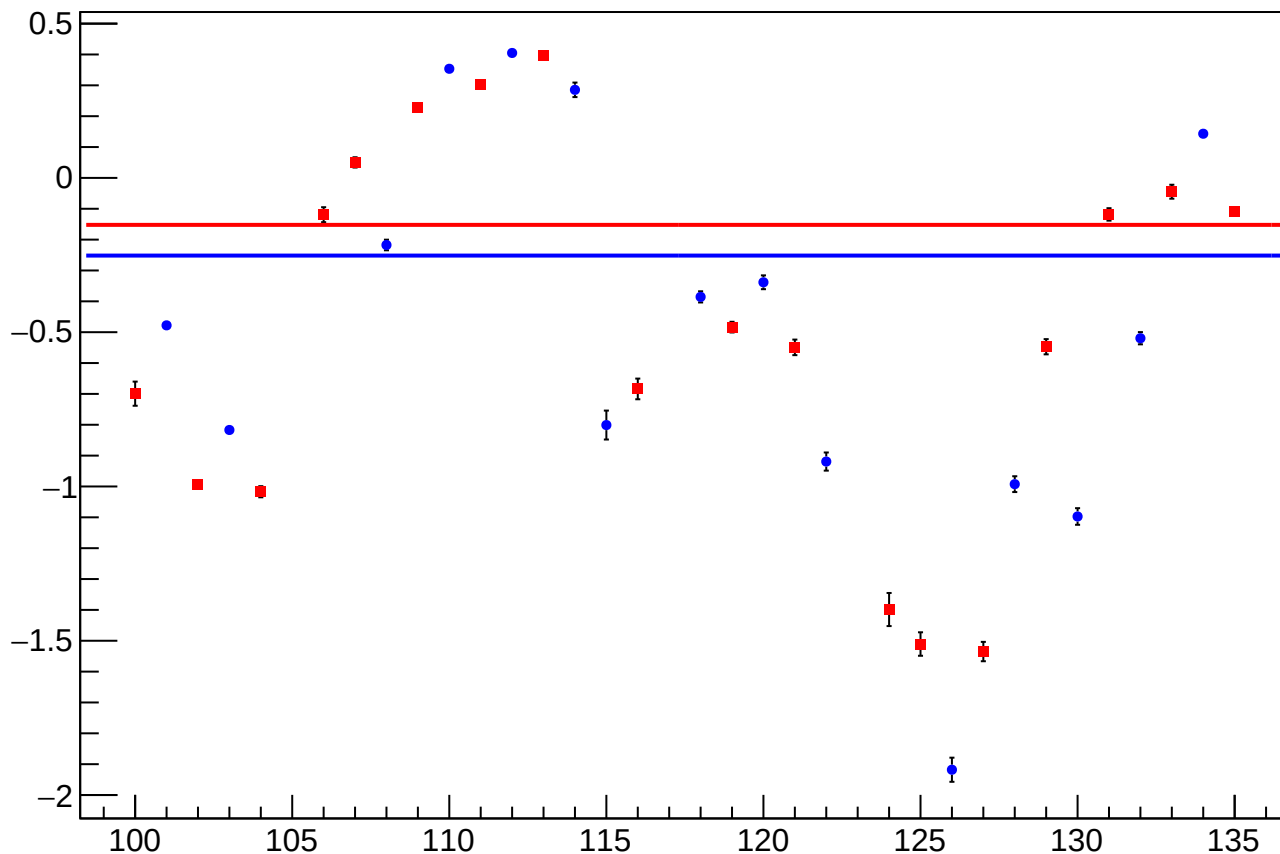
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.406 ± 0.049 χ^2/NDF : 3201.4/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds3_diff_bpm12X_slope vs Slug



Right In: -0.252 ± 0.005 $\chi^2/\text{NDF}: 11977.7/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.152 ± 0.004 $\chi^2/\text{NDF}: 15300.6/17$

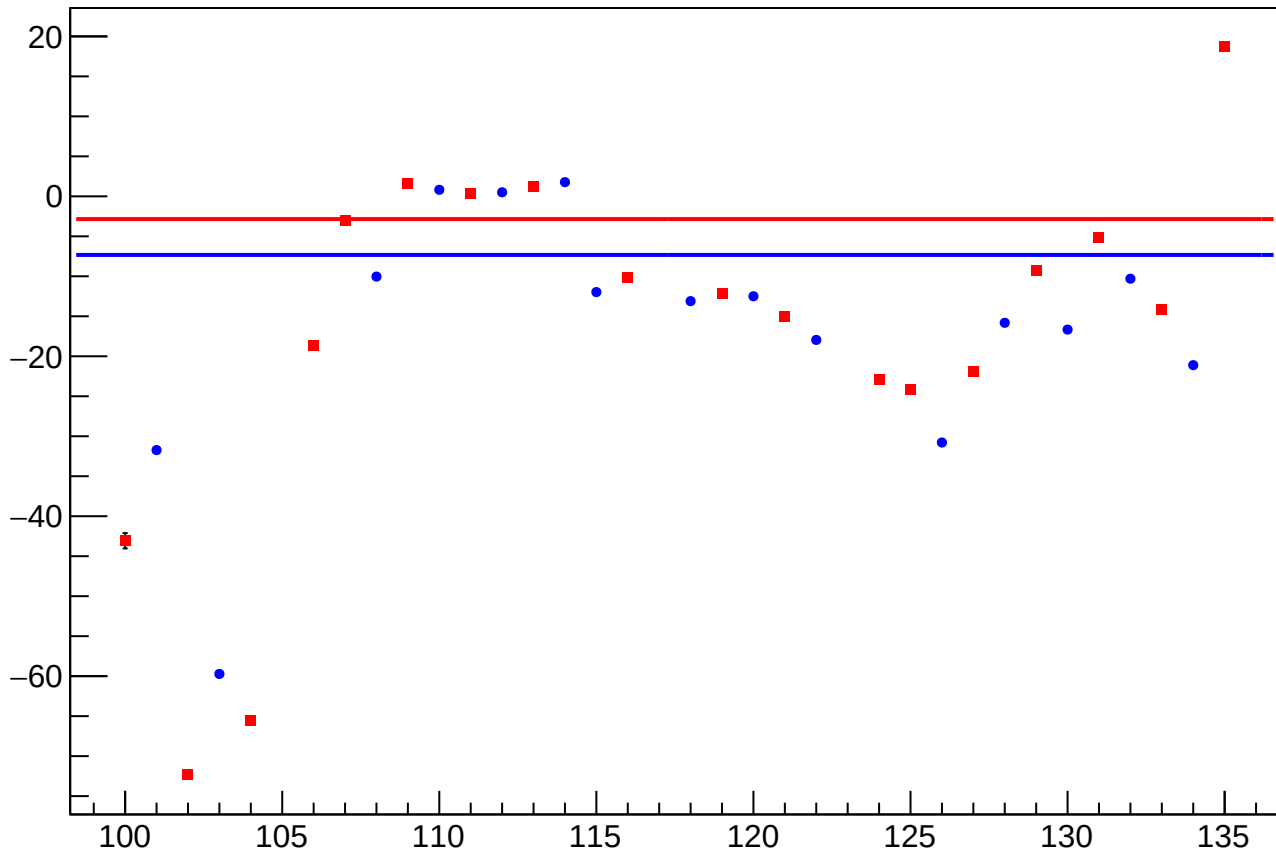
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.192 ± 0.003 $\chi^2/\text{NDF}: 27538.1/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_ds_diff_bpm1X_slope vs Slug



Right In: -7.326 ± 0.057 χ^2/NDF : 42407.2/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -2.843 ± 0.046 χ^2/NDF : 74996.9/17

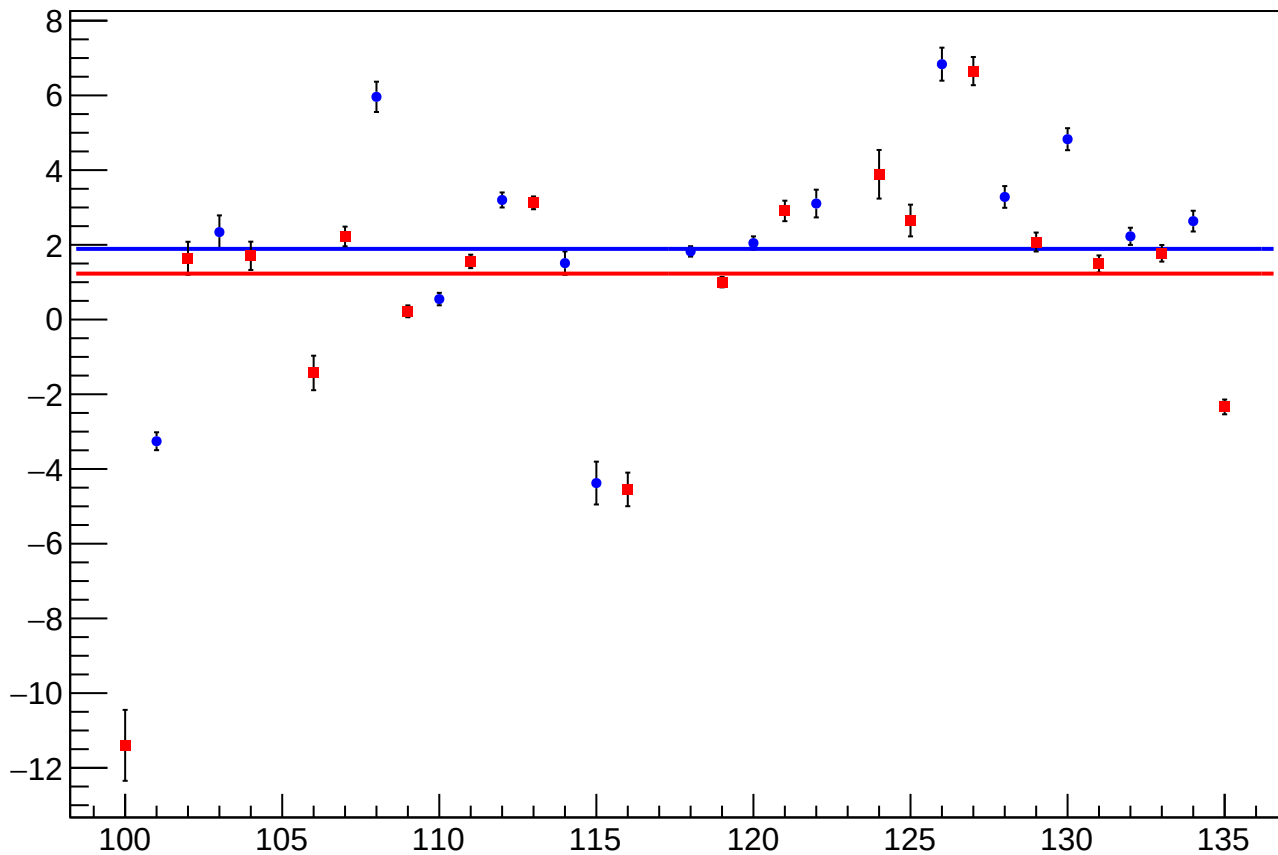
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -4.619 ± 0.036 χ^2/NDF : 121125.2/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm4aY_slope vs Slug



Right In: 1.892 $\pm$ 0.063 χ^2 /NDF: 1061.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.230 $\pm$ 0.058 χ^2 /NDF: 1175.6/17

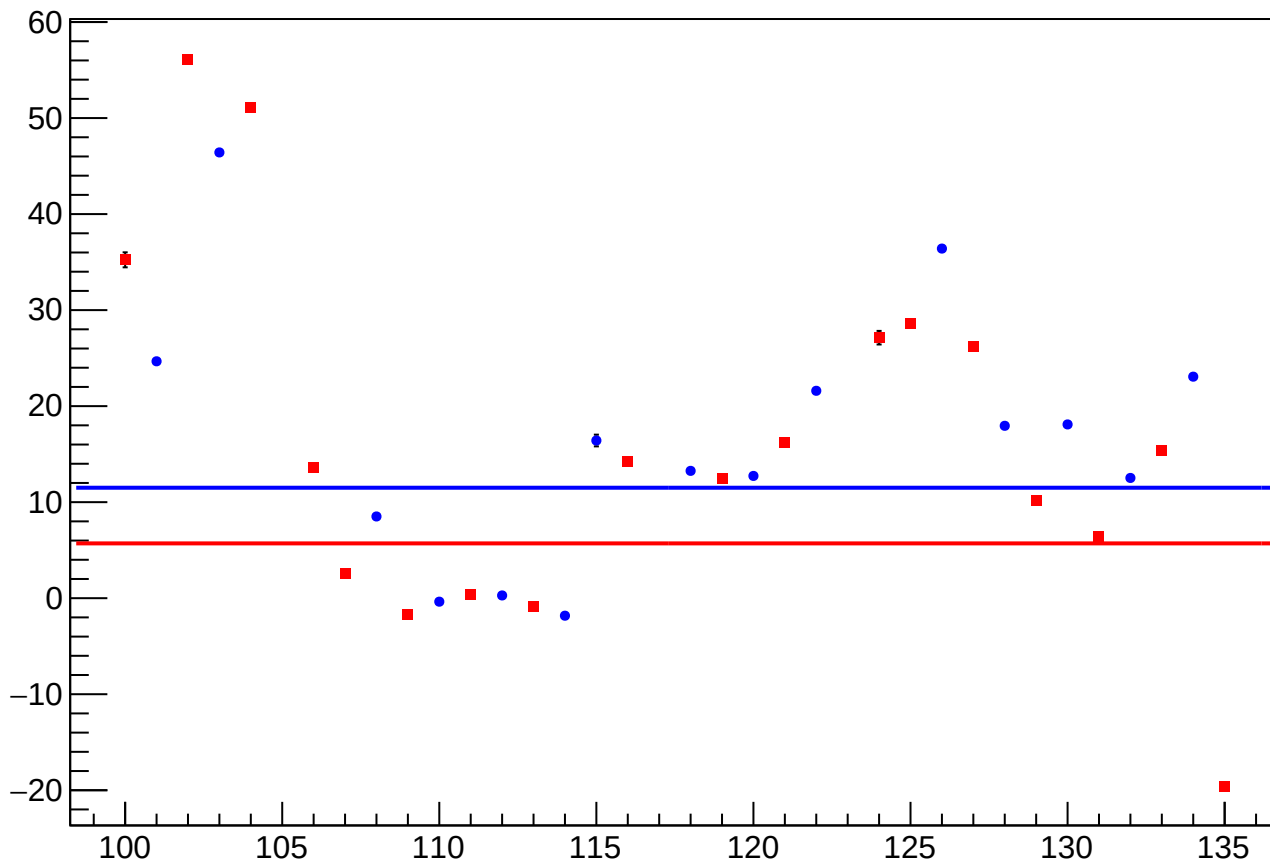
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.531 $\pm$ 0.042 χ^2 /NDF: 2297.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eX_slope vs Slug



Right In: 11.503 $\pm$ 0.070 χ^2 /NDF: 30786.1/14

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

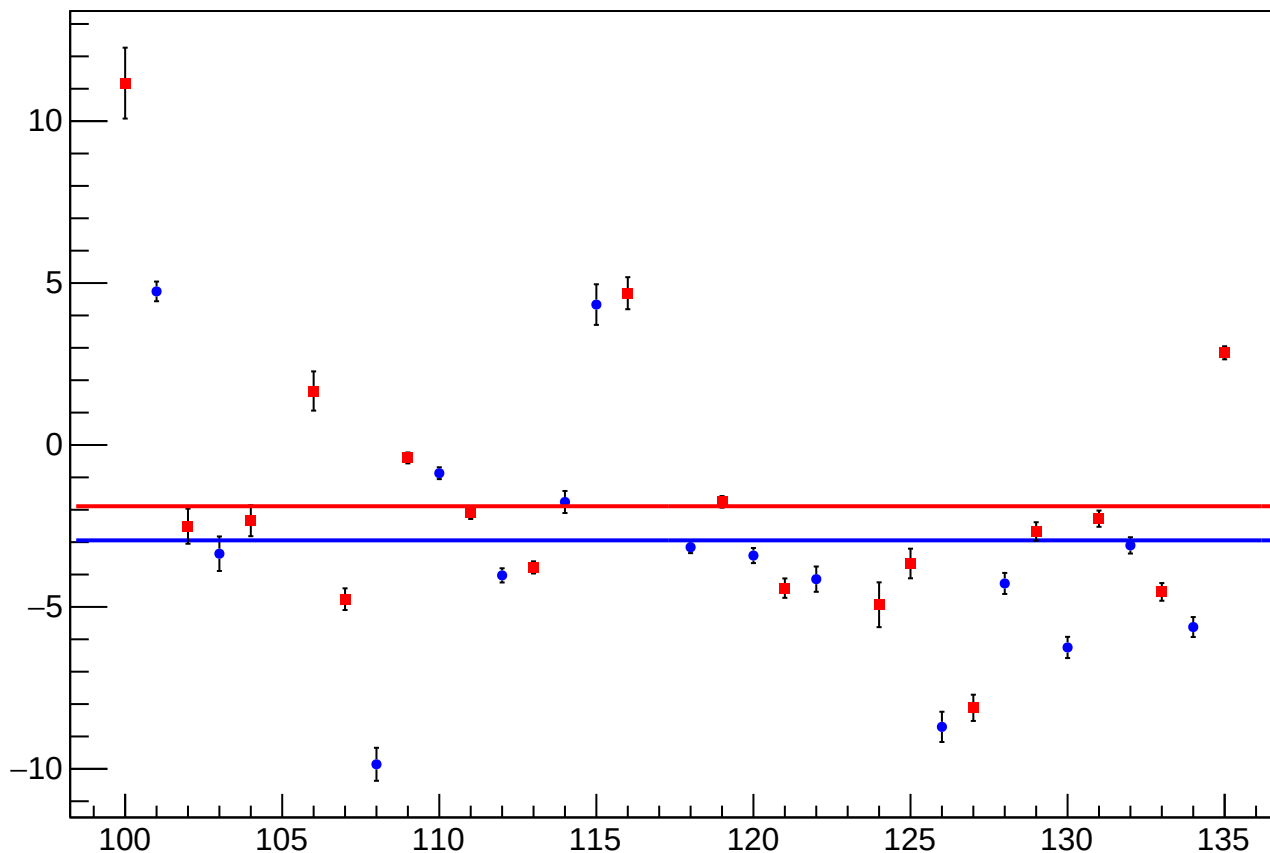
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.163 $\pm$ 0.045 χ^2 /NDF: 102952.7/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_ds_diff_bpm4eY_slope vs Slug



Right In: -2.945 ± 0.074 χ^2/NDF : 1485.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.891 ± 0.065 χ^2/NDF : 1608.7/17

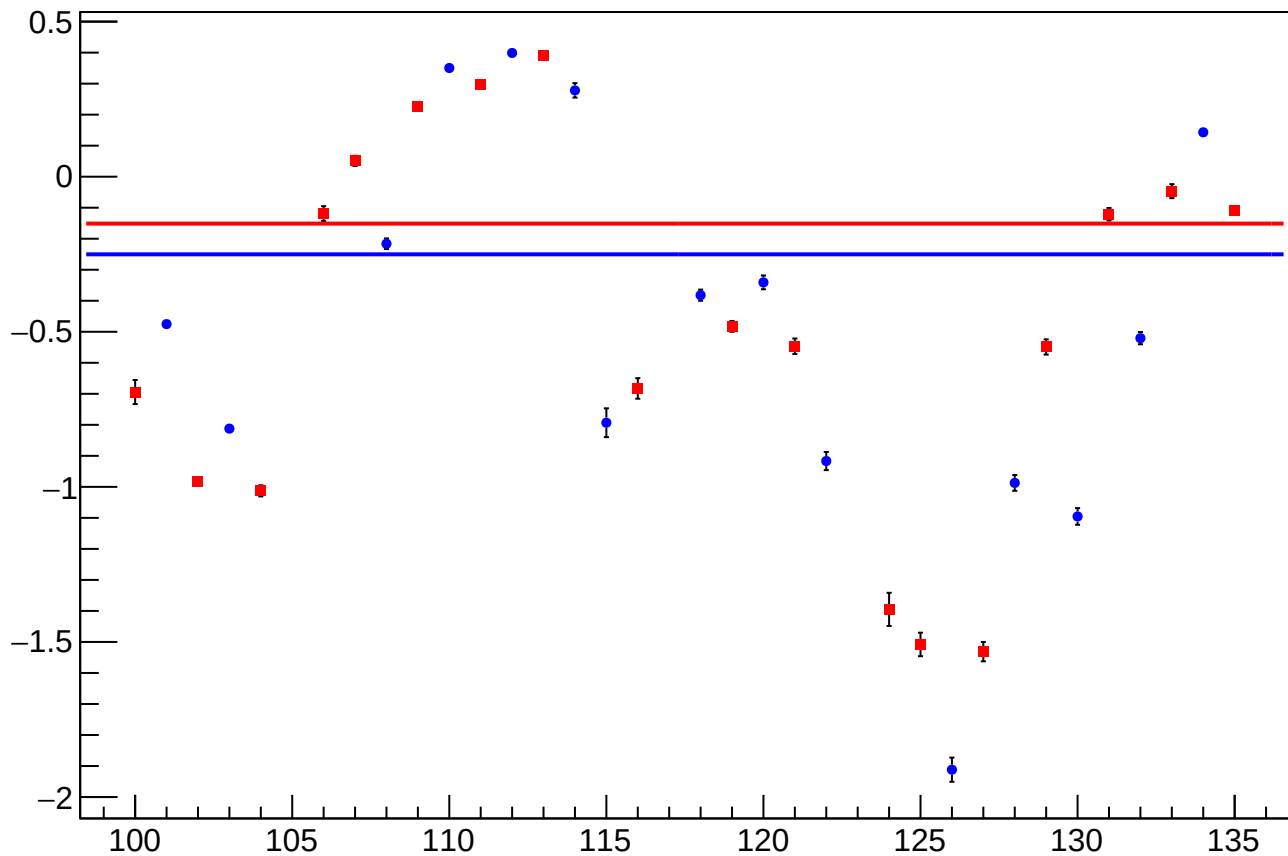
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.354 ± 0.049 χ^2/NDF : 3209.5/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_ds_diff_bpm12X_slope vs Slug



Right In: -0.250 ± 0.005 $\chi^2/\text{NDF}: 11964.8/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.151 ± 0.004 $\chi^2/\text{NDF}: 15317.5/17$

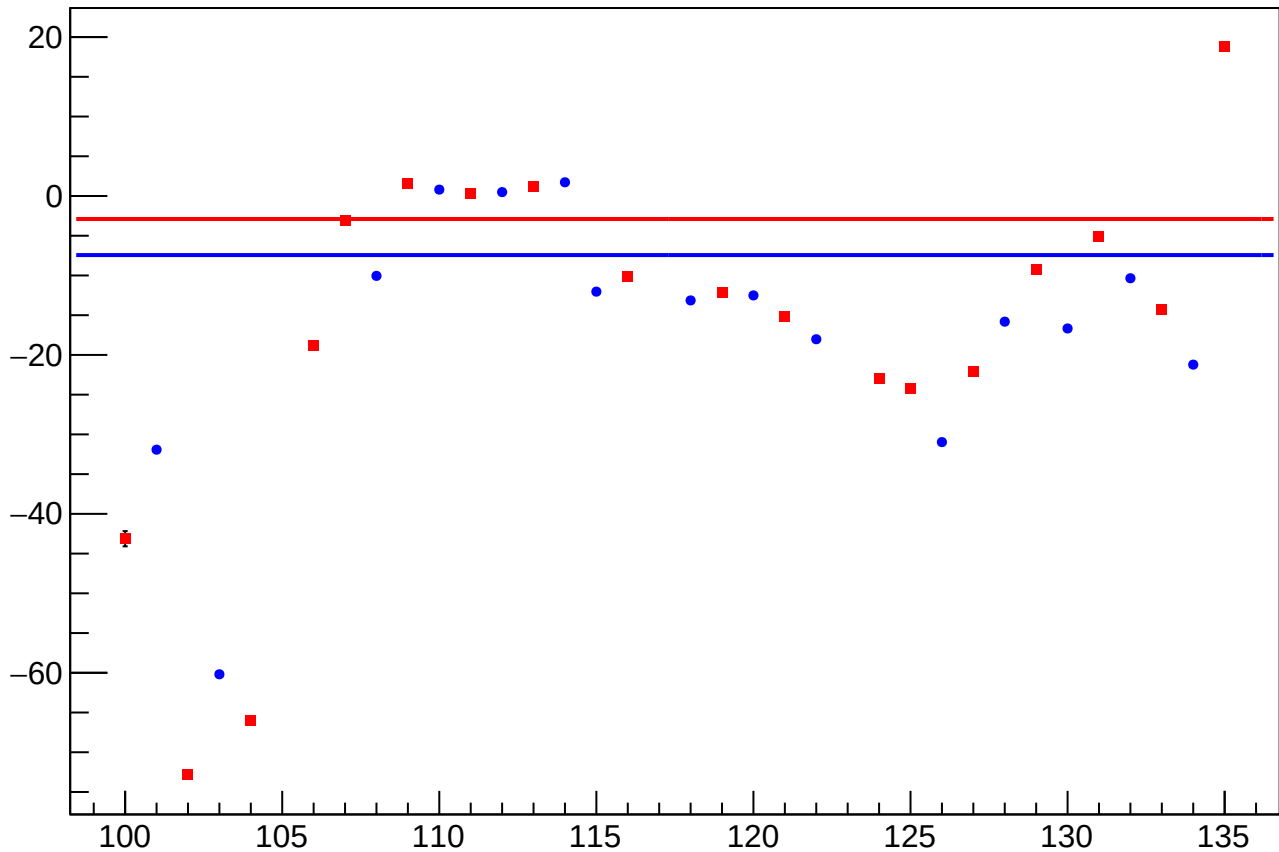
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.191 ± 0.003 $\chi^2/\text{NDF}: 27542.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_diff_bpm1X_slope vs Slug



Right In: -7.434+/-0.058 χ^2/NDF : 42286.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.895+/-0.047 χ^2/NDF : 75042.6/17

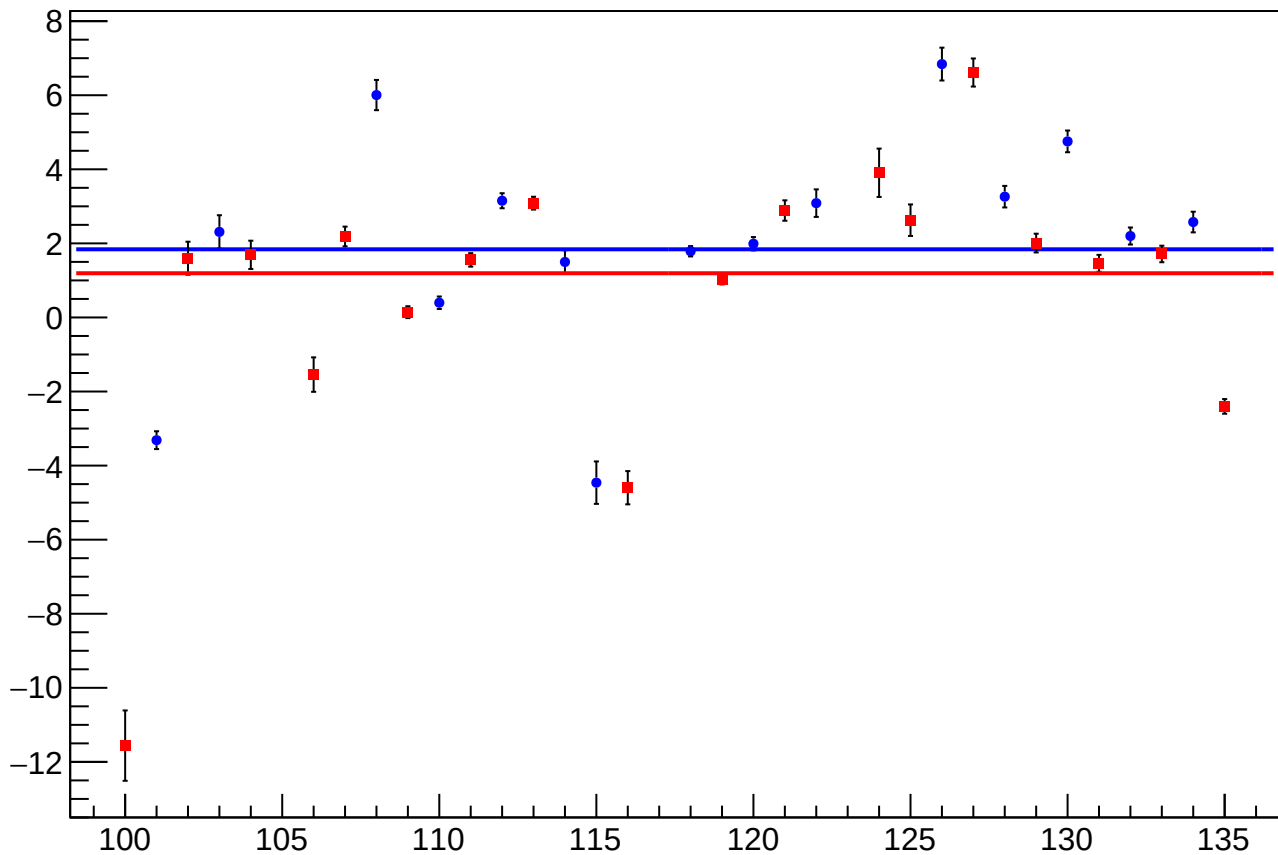
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.694+/-0.036 χ^2/NDF : 121090.0/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm4aY_slope vs Slug



Right In: 1.840 $\pm$ 0.063 χ^2 /NDF: 1072.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.194 $\pm$ 0.058 χ^2 /NDF: 1183.2/17

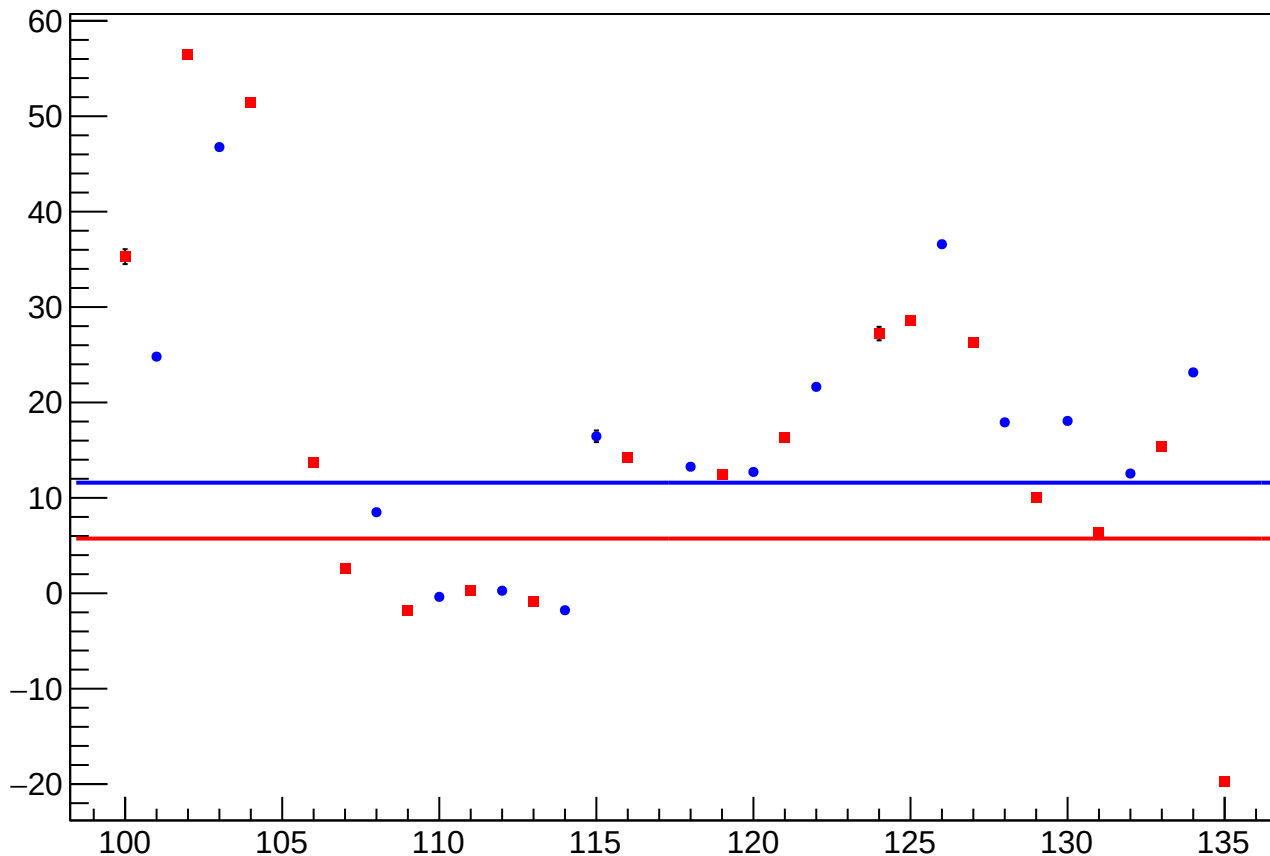
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.488 $\pm$ 0.043 χ^2 /NDF: 2312.5/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eX_slope vs Slug



Right In: 11.594 $\pm$ 0.070 χ^2 /NDF: 30680.5/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.734 $\pm$ 0.060 χ^2 /NDF: 68270.0/17

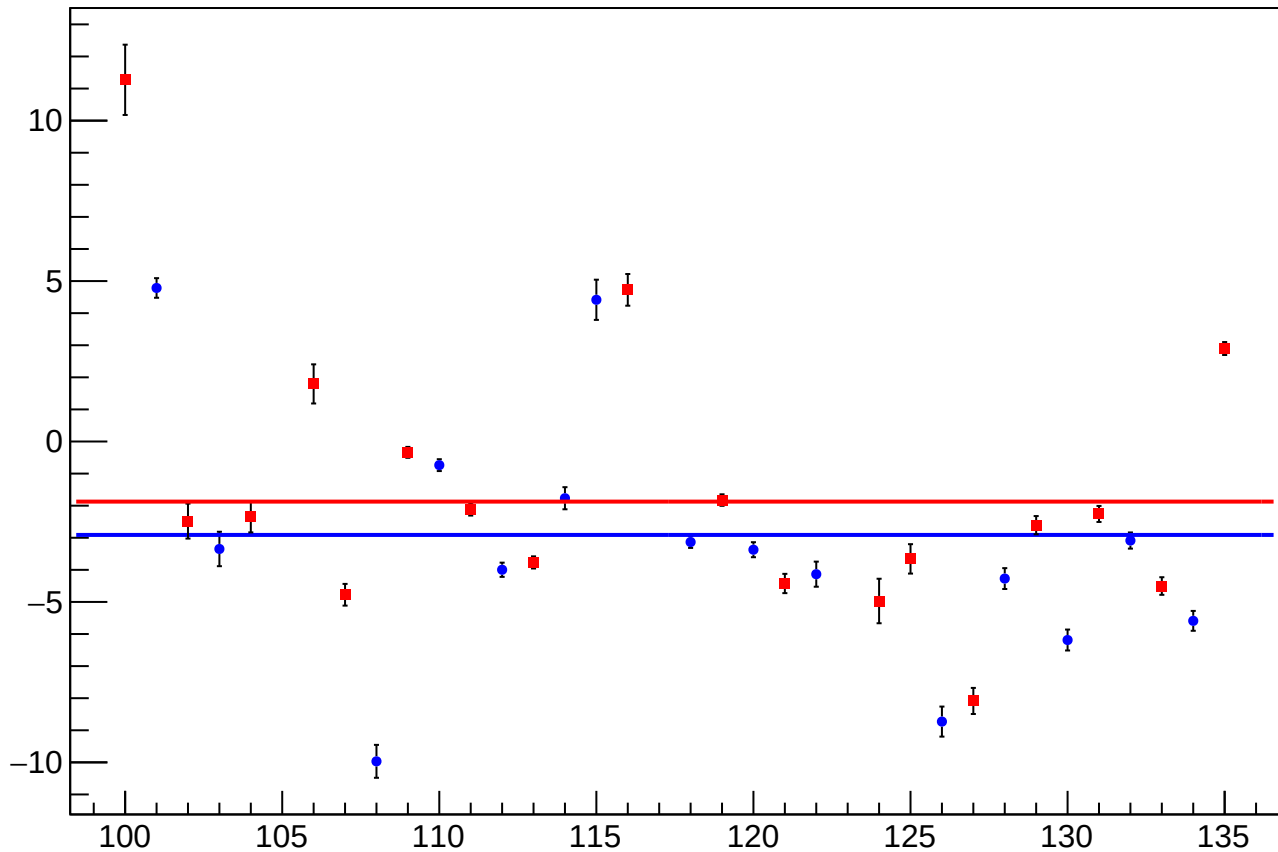
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.218 $\pm$ 0.046 χ^2 /NDF: 102982.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_diff_bpm4eY_slope vs Slug



Right In: -2.912 ± 0.074 χ^2/NDF : 1497.5/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.873 ± 0.065 χ^2/NDF : 1618.8/17

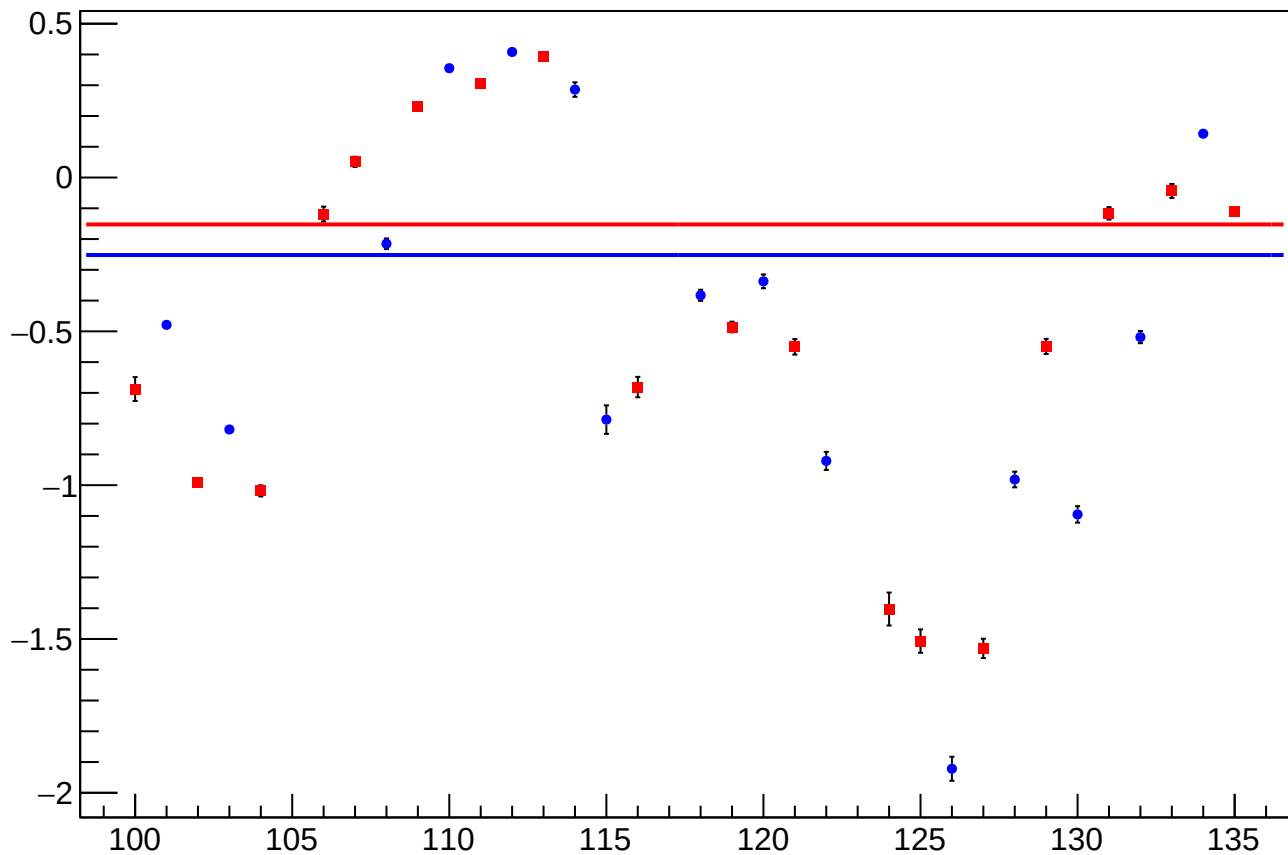
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.329 ± 0.049 χ^2/NDF : 3227.0/32

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_diff_bpm12X_slope vs Slug



Right In: -0.252 ± 0.005 $\chi^2/\text{NDF}: 11992.1/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.153 ± 0.004 $\chi^2/\text{NDF}: 15292.6/17$

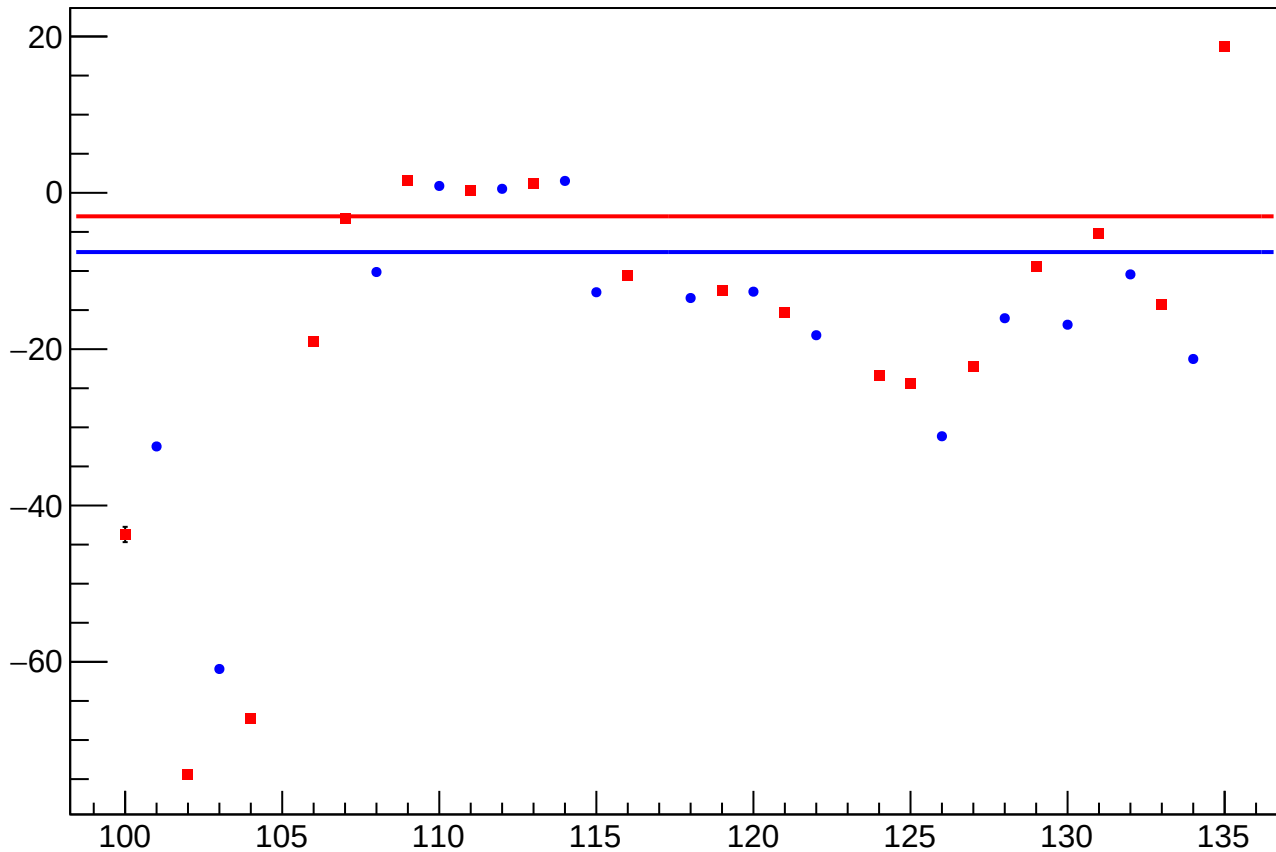
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.192 ± 0.003 $\chi^2/\text{NDF}: 27543.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_ds_diff_bpm1X_slope vs Slug



Right In: -7.578+/-0.059 χ^2/NDF : 41740.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -3.006+/-0.048 χ^2/NDF : 74260.5/17

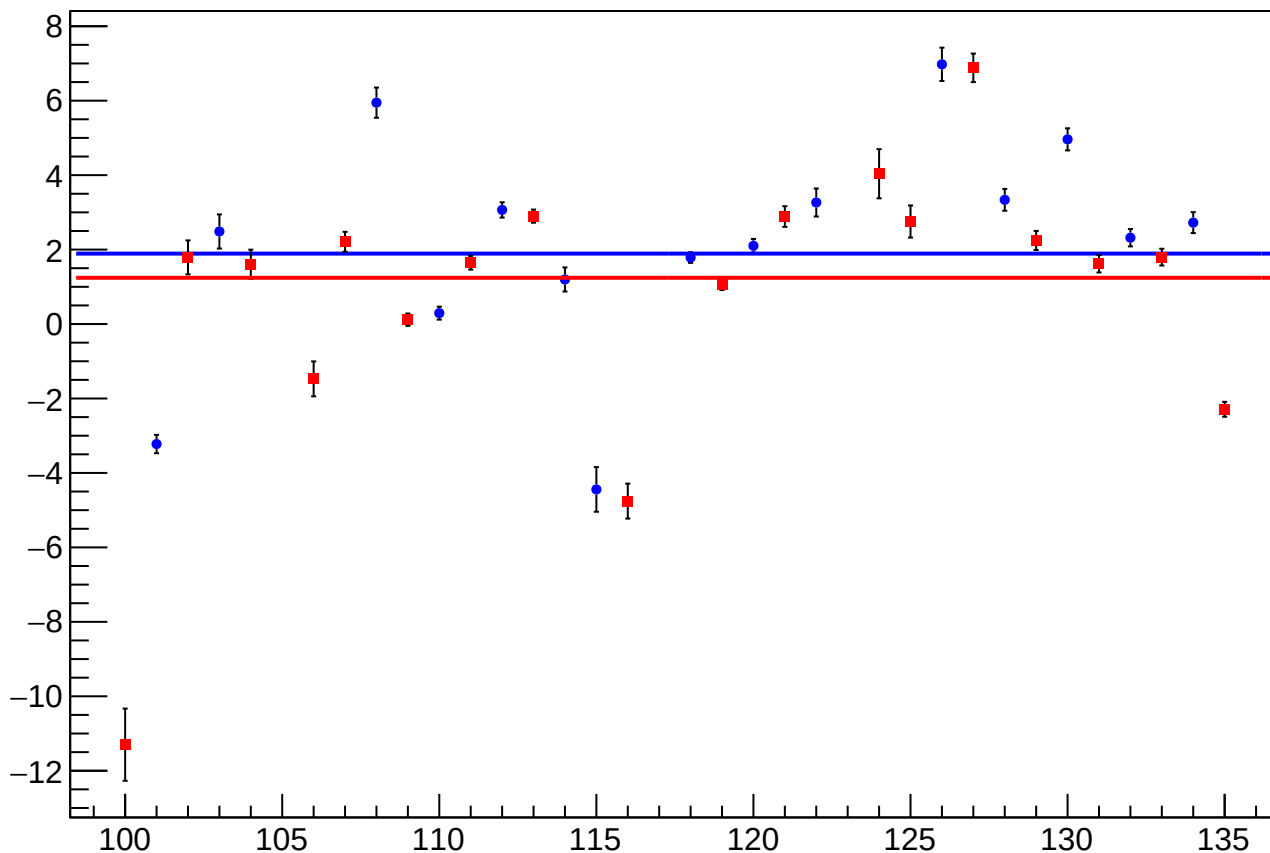
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.825+/-0.037 χ^2/NDF : 119662.7/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4aY_slope vs Slug



Right In: 1.892 $\pm$ 0.064 χ^2 /NDF: 1054.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.243 $\pm$ 0.059 χ^2 /NDF: 1138.1/17

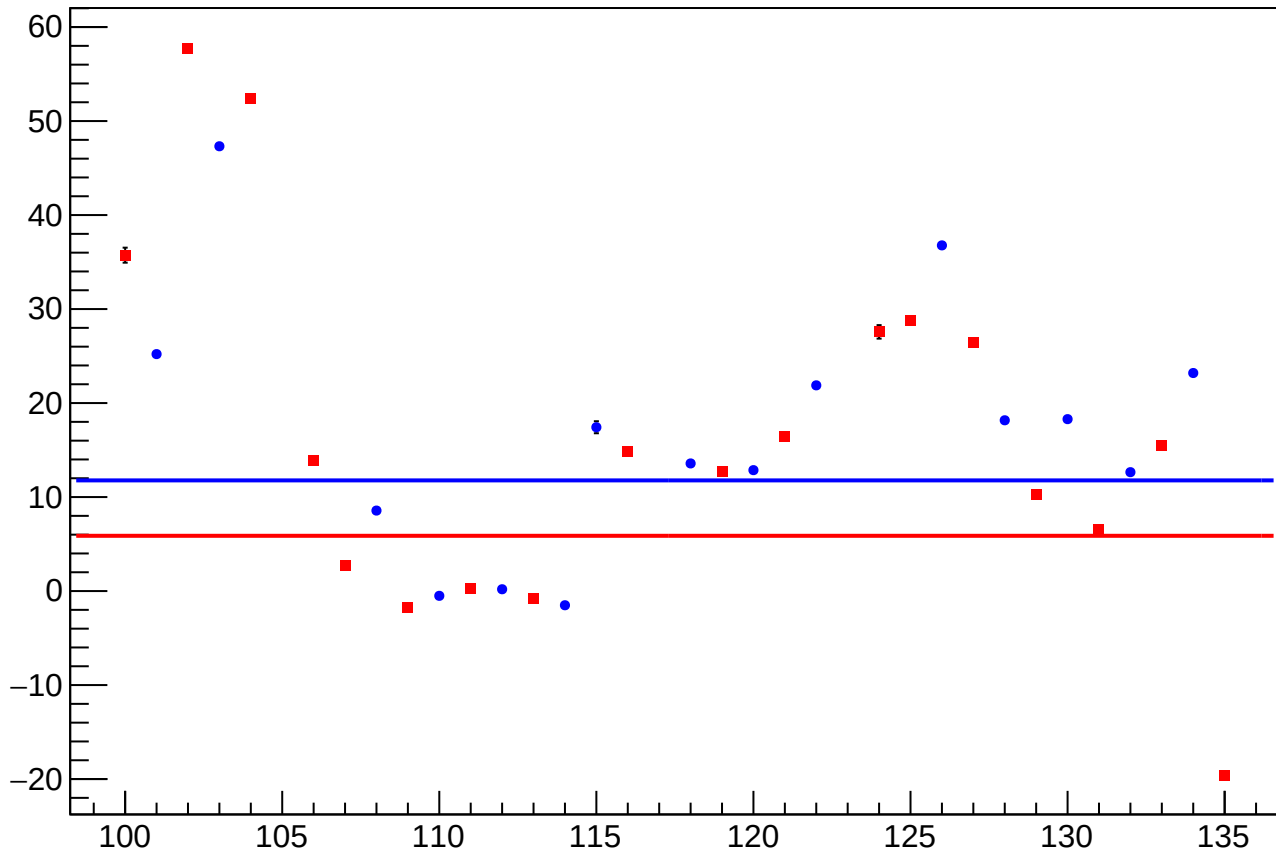
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.539 $\pm$ 0.043 χ^2 /NDF: 2247.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_ds_diff_bpm4eX_slope vs Slug



Right In: 11.773 $\pm$ 0.071 χ^2 /NDF: 30316.7/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.879 $\pm$ 0.061 χ^2 /NDF: 67535.9/17

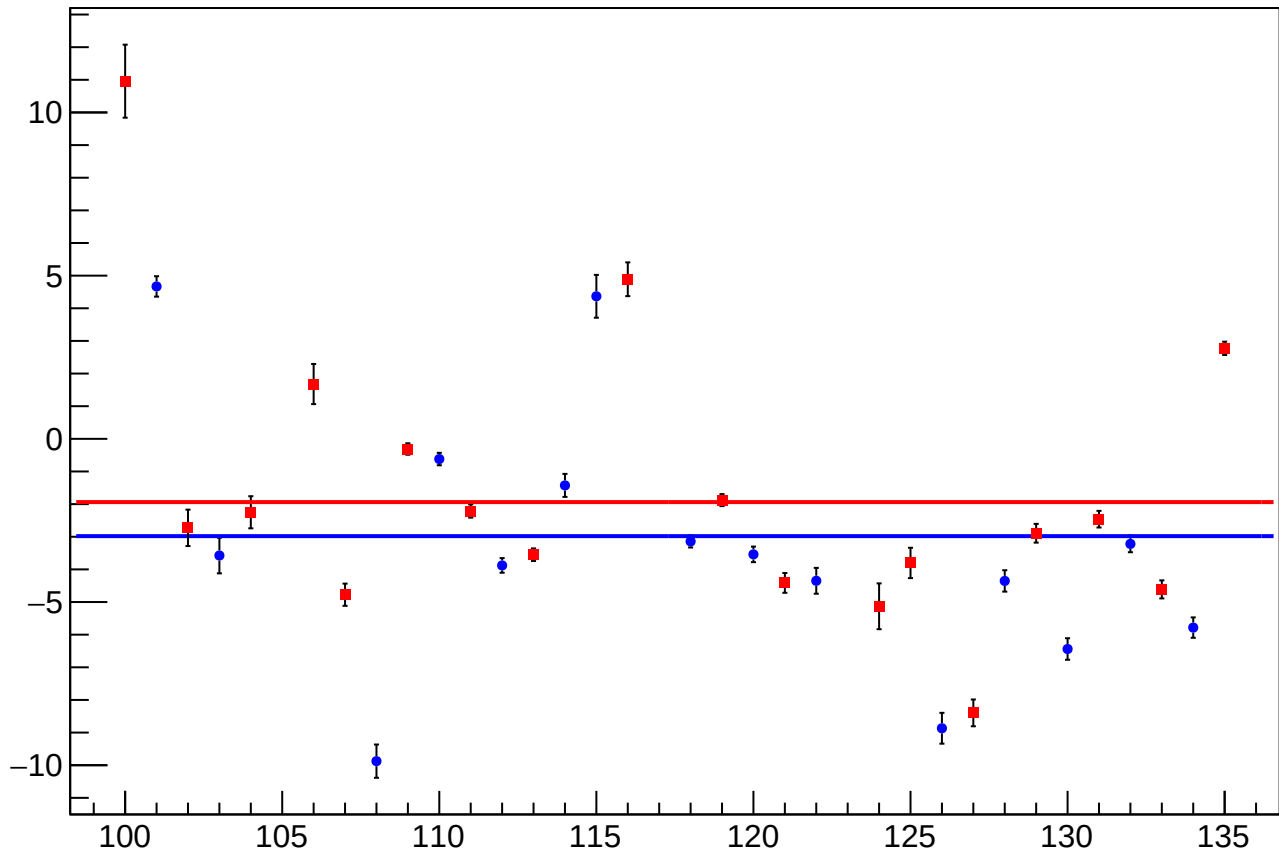
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.384 $\pm$ 0.047 χ^2 /NDF: 101775.2/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

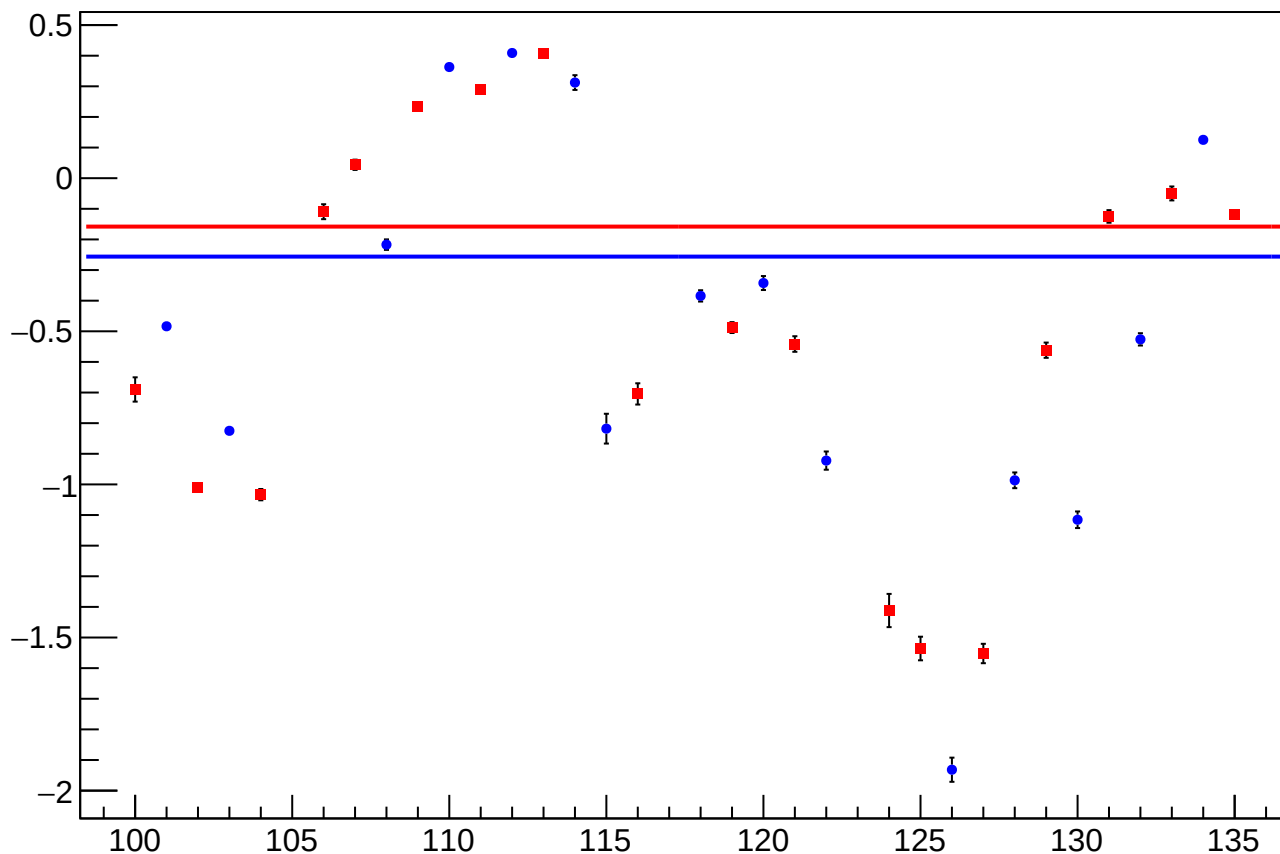
reg_asym_bcm_dg_ds_diff_bpm4eY_slope vs Slug



Right In: -2.981 ± 0.075 χ^2/NDF : 1478.2/14
 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

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0
 All: -2.397 ± 0.050 χ^2/NDF : 3151.4/32
 - sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_ds_diff_bpm12X_slope vs Slug



Right In: -0.256 ± 0.005 $\chi^2/\text{NDF}: 11809.5/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.158 ± 0.004 $\chi^2/\text{NDF}: 15077.9/17$

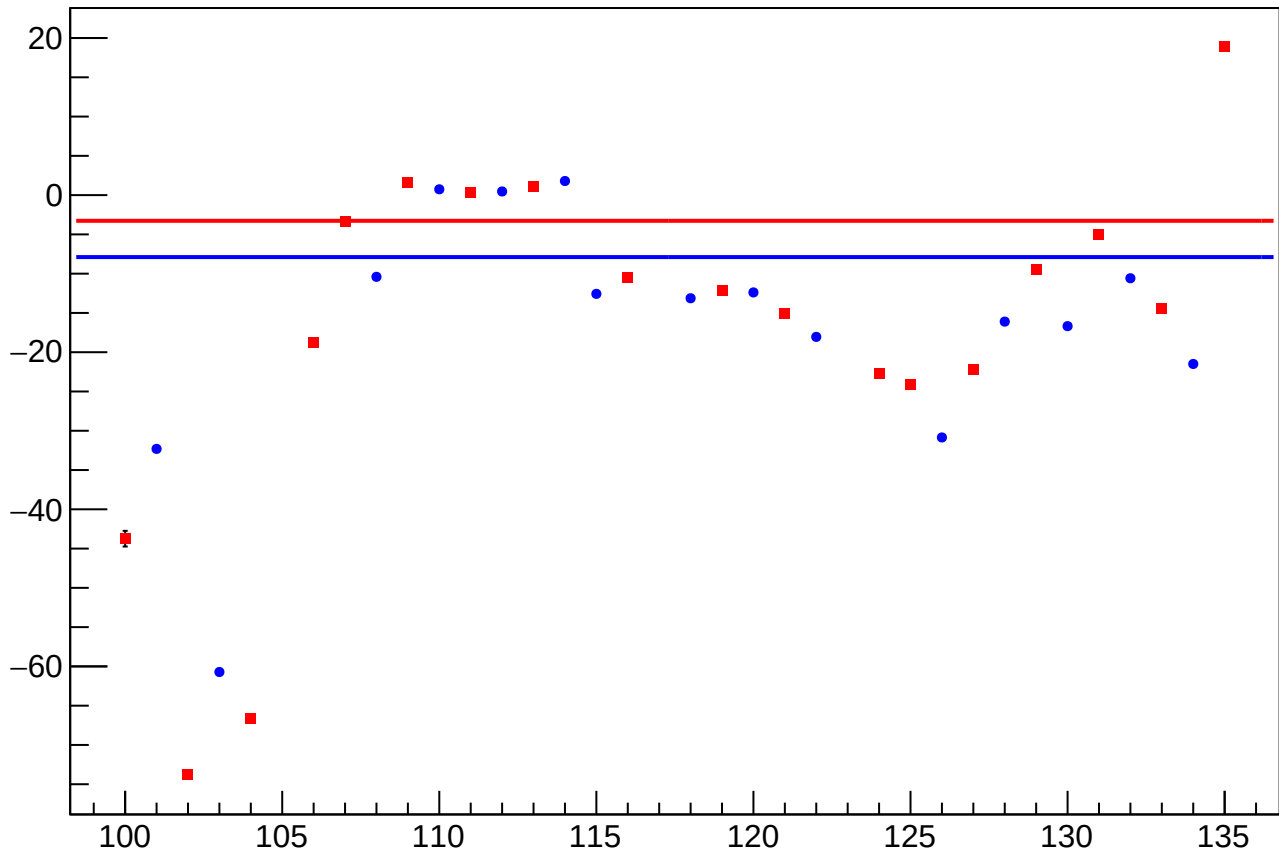
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.197 ± 0.003 $\chi^2/\text{NDF}: 27130.6/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm1X_slope vs Slug



Right In: -7.889 ± 0.060 $\chi^2/\text{NDF}: 40396.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -3.271 ± 0.049 $\chi^2/\text{NDF}: 72412.5/17$

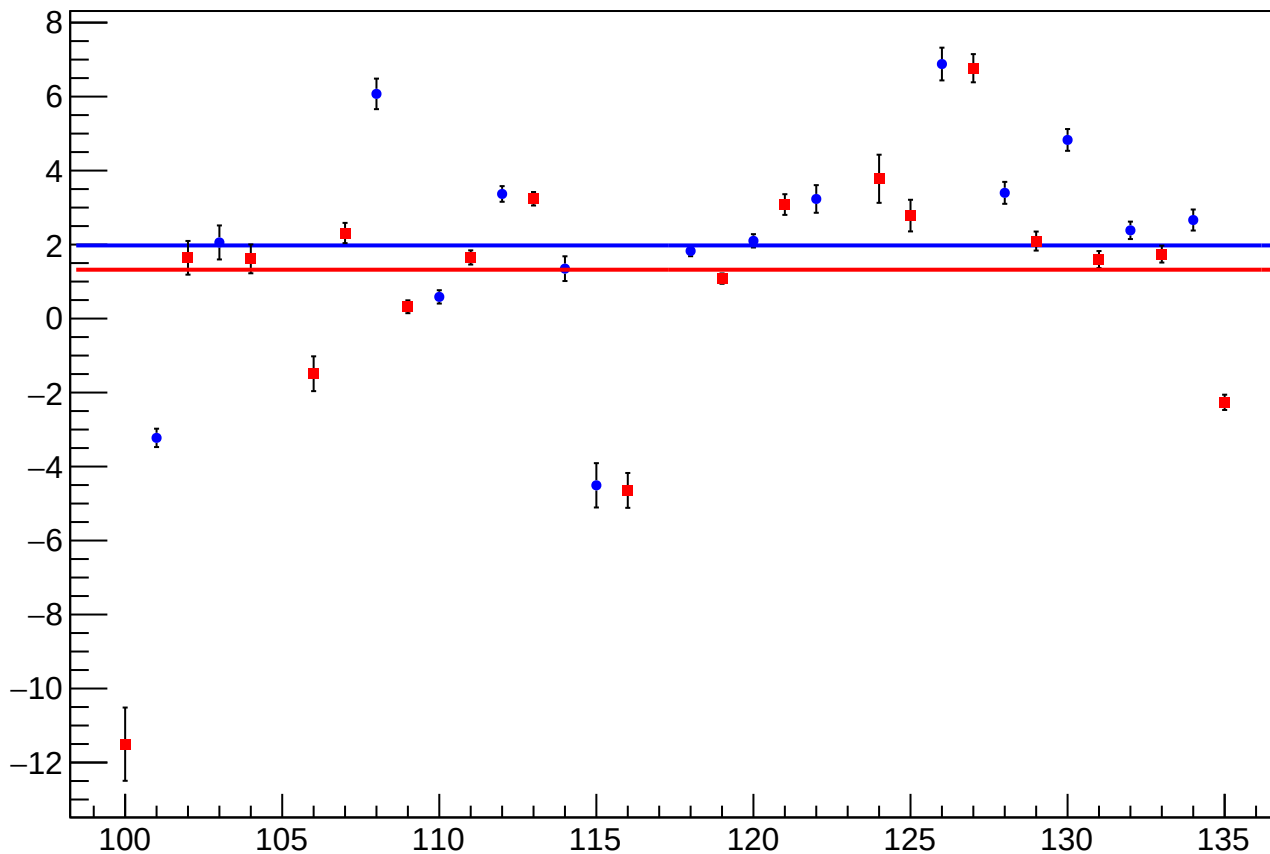
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -5.126 ± 0.038 $\chi^2/\text{NDF}: 116383.5/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_dg_us_diff_bpm4aY_slope vs Slug



Right In: 1.977 $\pm$ 0.065 χ^2 /NDF: 1022.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 1.321 $\pm$ 0.060 χ^2 /NDF: 1112.9/17

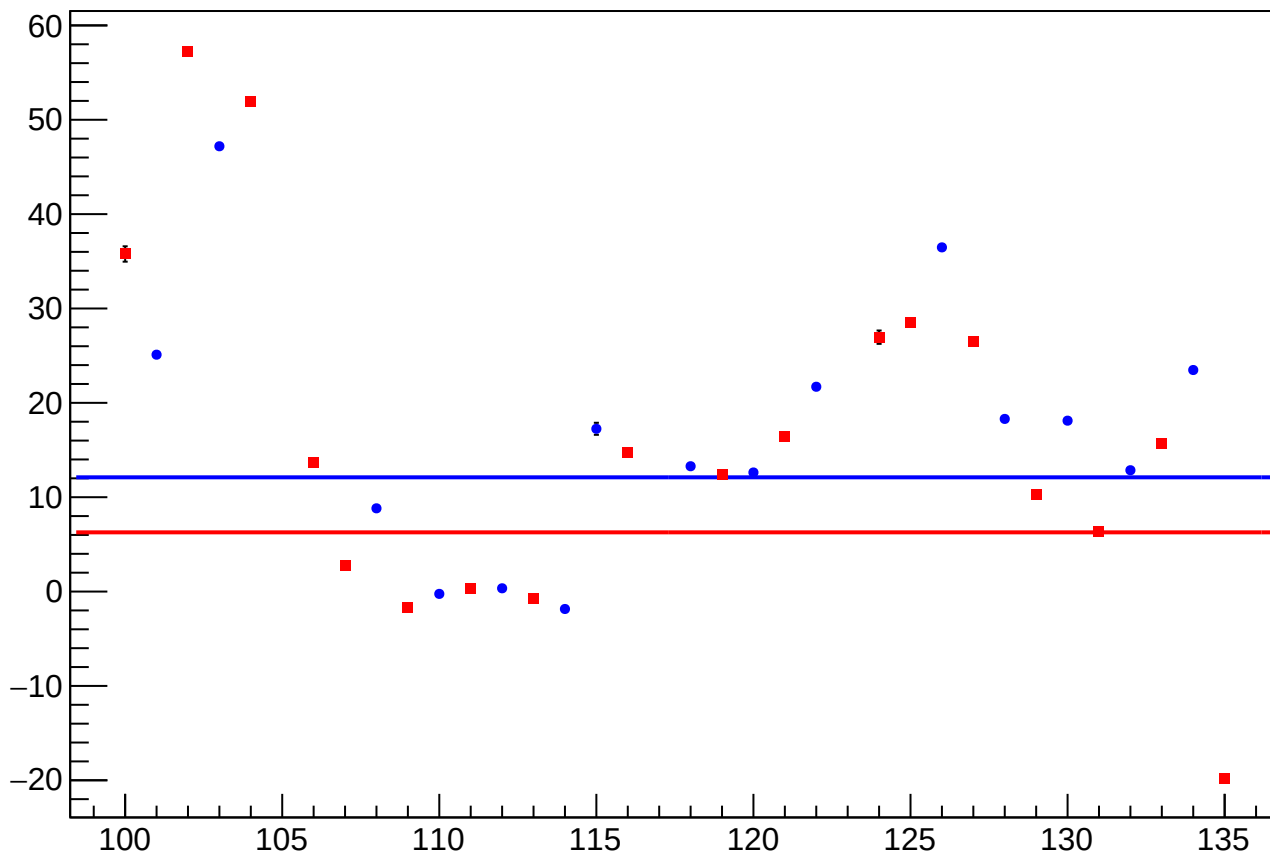
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.622 $\pm$ 0.044 χ^2 /NDF: 2190.3/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eX_slope vs Slug



Right In: 12.107 $\pm$ 0.072 χ^2 /NDF: 29046.9/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 6.276 $\pm$ 0.063 χ^2 /NDF: 65428.0/17

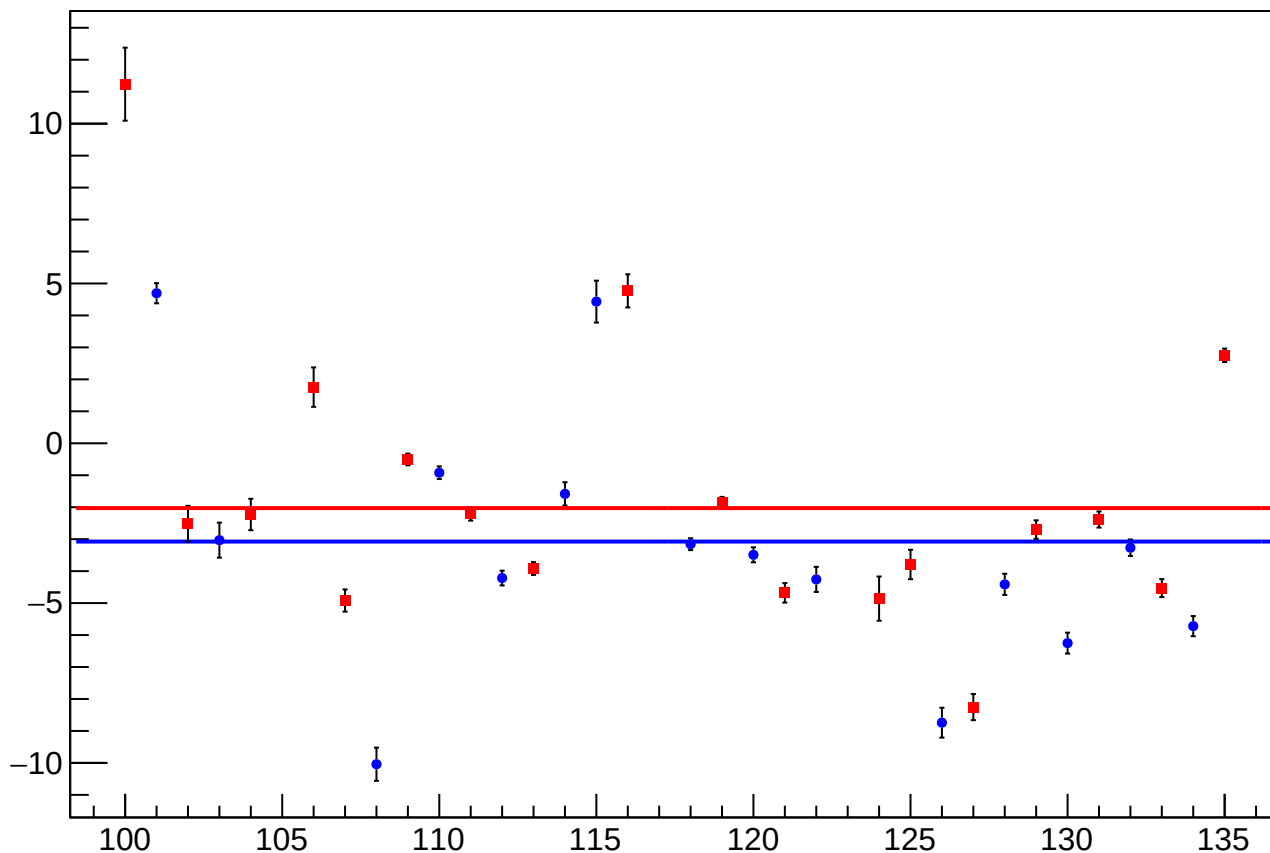
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.774 $\pm$ 0.047 χ^2 /NDF: 98188.6/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_dg_us_diff_bpm4eY_slope vs Slug



Right In: -3.075+/-0.076 χ^2/NDF : 1419.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.028+/-0.068 χ^2/NDF : 1516.5/17

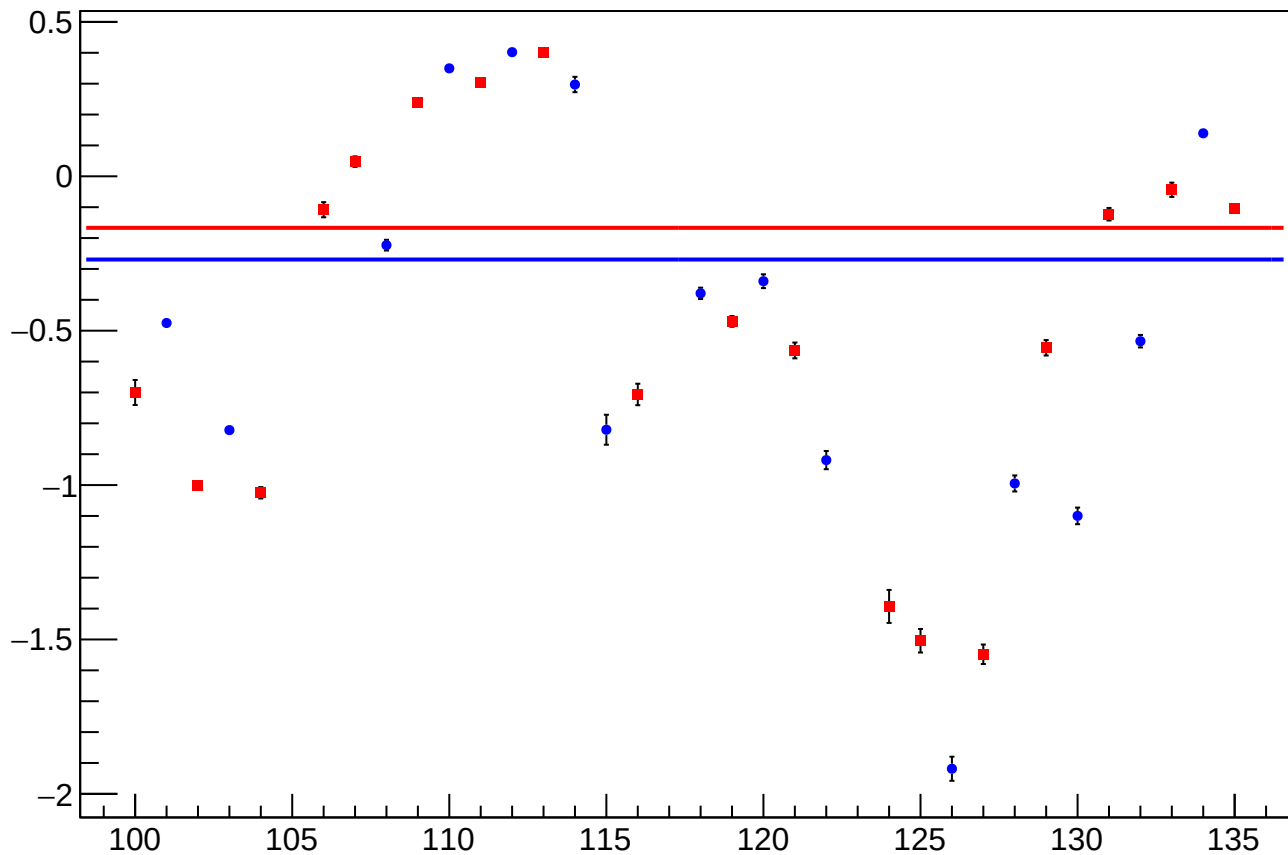
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.491+/-0.051 χ^2/NDF : 3041.3/32

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_dg_us_diff_bpm12X_slope vs Slug



Right In: -0.269 ± 0.005 $\chi^2/\text{NDF}: 11314.3/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.167 ± 0.004 $\chi^2/\text{NDF}: 14643.7/17$

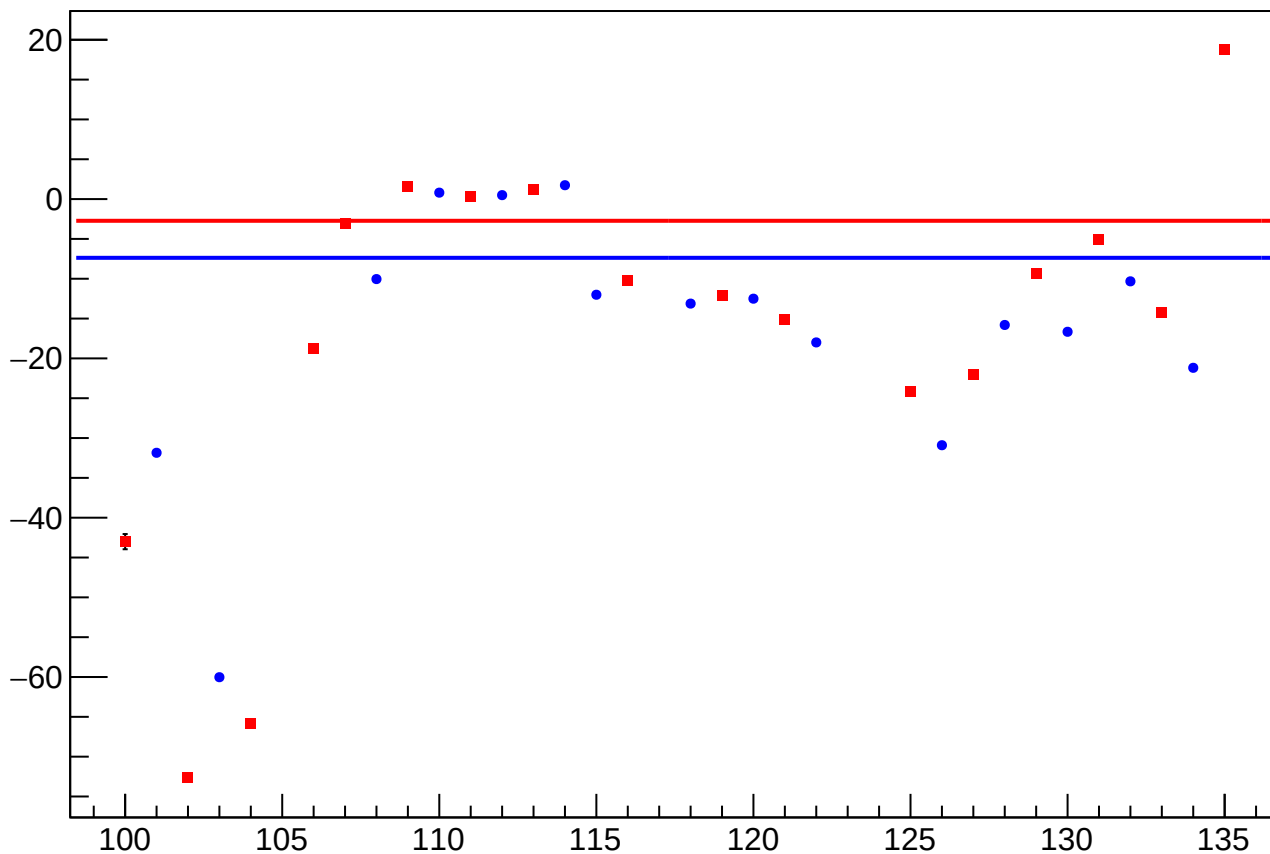
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.208 ± 0.003 $\chi^2/\text{NDF}: 26216.7/32$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -7.373+/-0.057 χ^2/NDF : 42445.7/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.725+/-0.046 χ^2/NDF : 73995.0/16

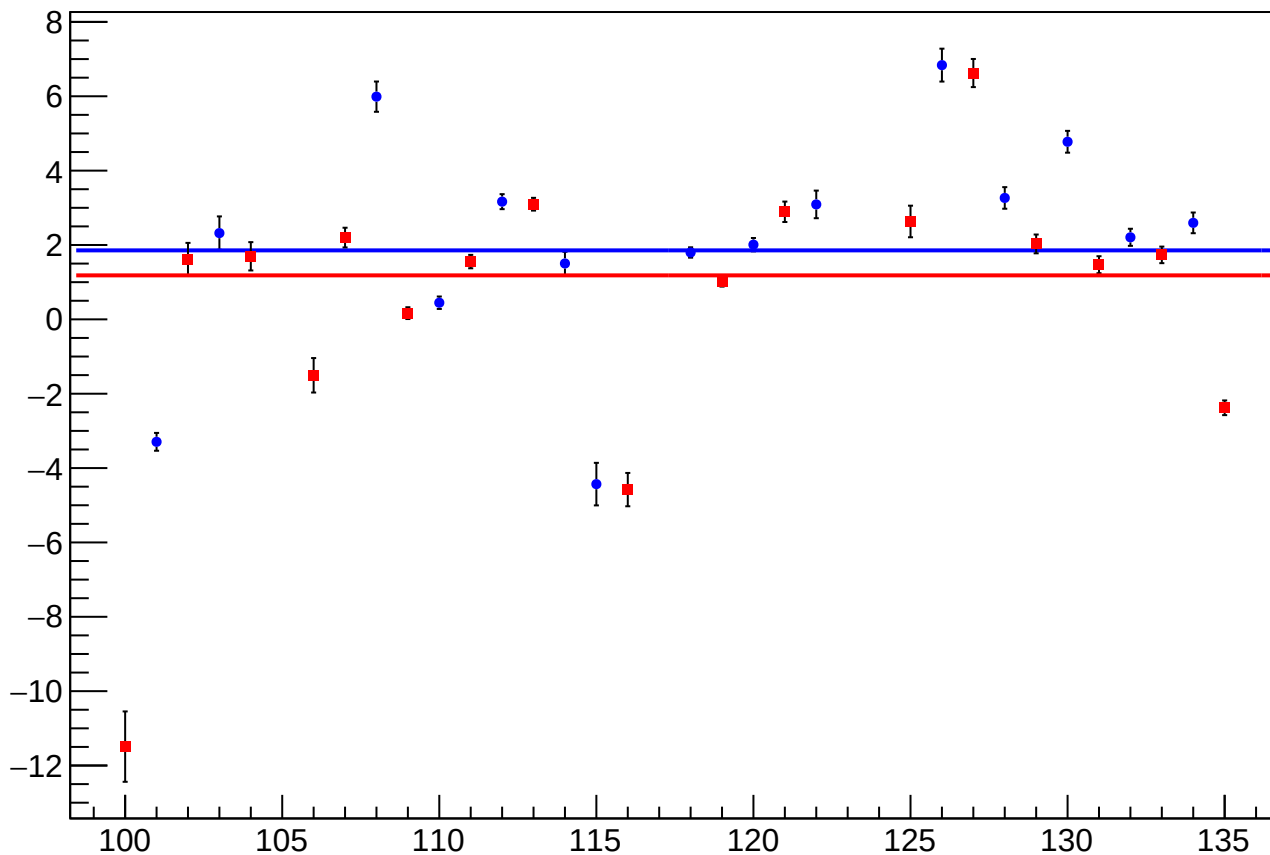
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.571+/-0.036 χ^2/NDF : 120416.2/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.855 $\pm$ 0.063 χ^2 /NDF: 1071.1/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.183 $\pm$ 0.058 χ^2 /NDF: 1167.9/16

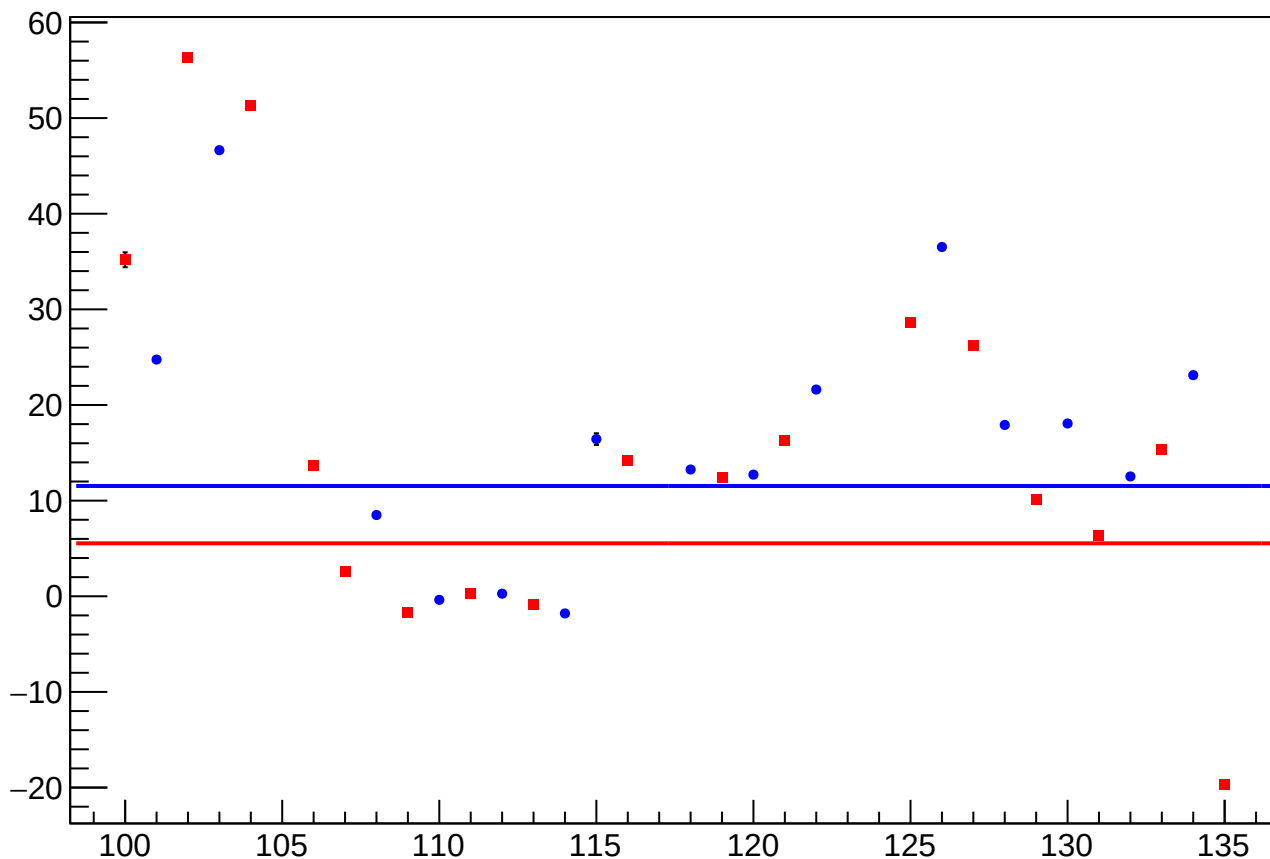
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.490 $\pm$ 0.043 χ^2 /NDF: 2300.9/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 11.535 $\pm$ 0.070 χ^2 /NDF: 30818.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.537 $\pm$ 0.060 χ^2 /NDF: 67491.7/16

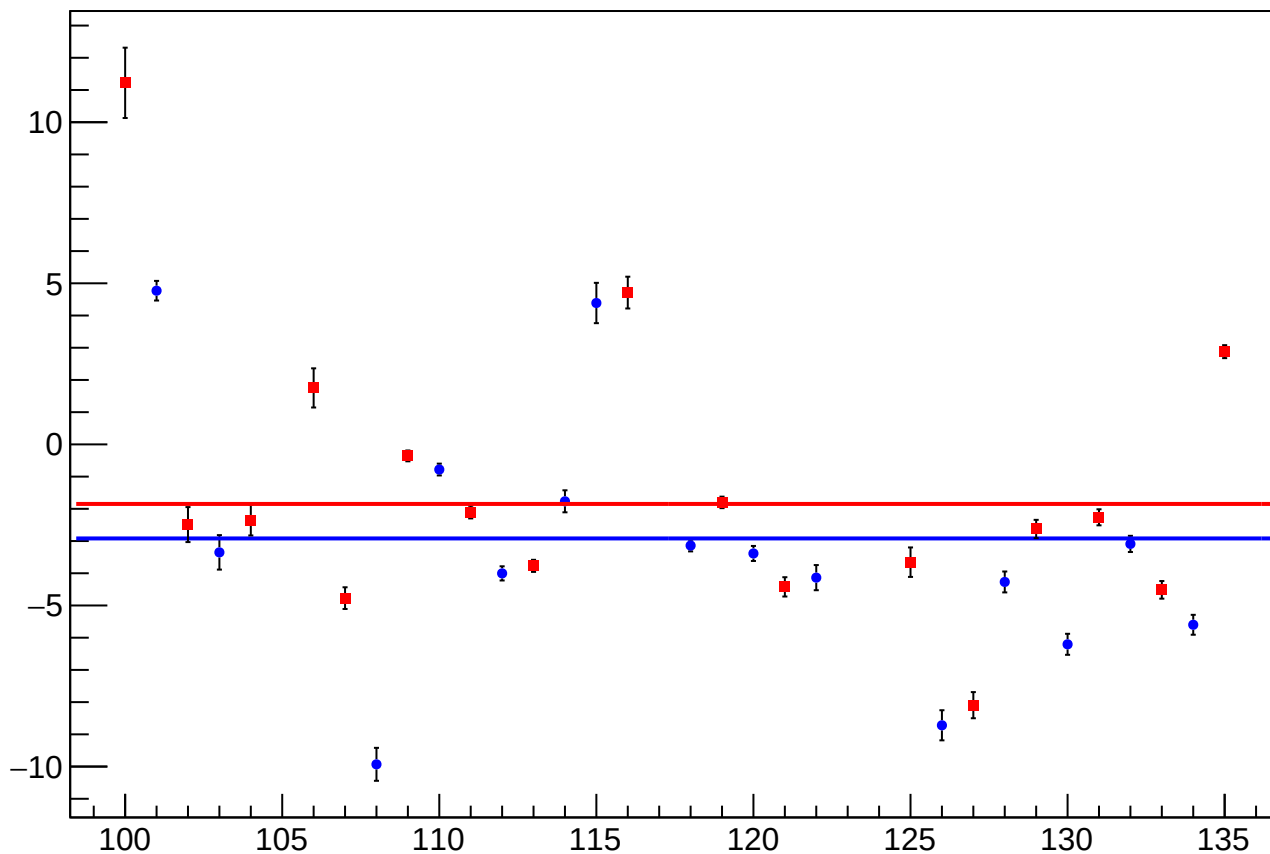
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.087 $\pm$ 0.045 χ^2 /NDF: 102560.8/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -2.919+/-0.074 χ^2/NDF : 1496.9/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -1.848+/-0.065 χ^2/NDF : 1601.7/16

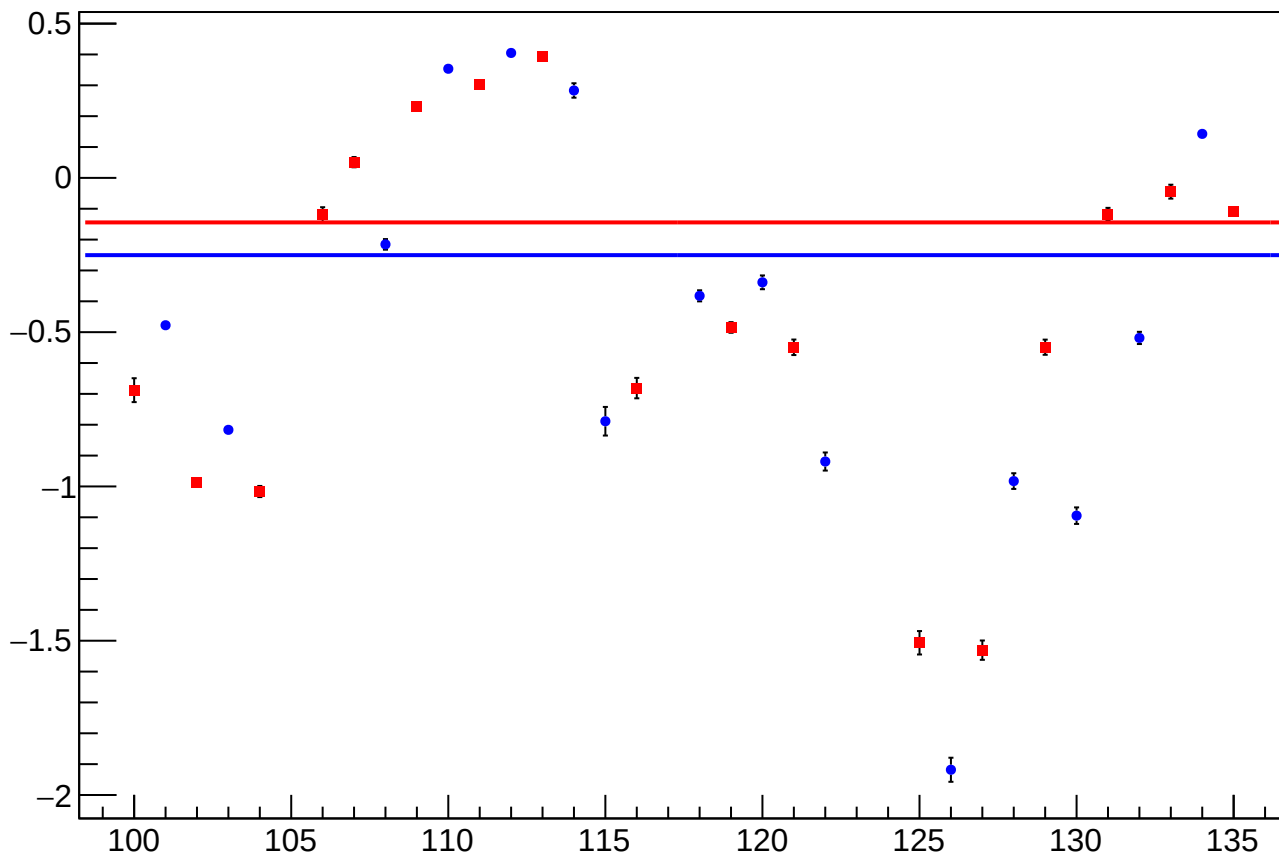
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -2.321+/-0.049 χ^2/NDF : 3216.9/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.250 ± 0.005 χ^2/NDF : 12022.6/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.144 ± 0.004 χ^2/NDF : 14809.7/16

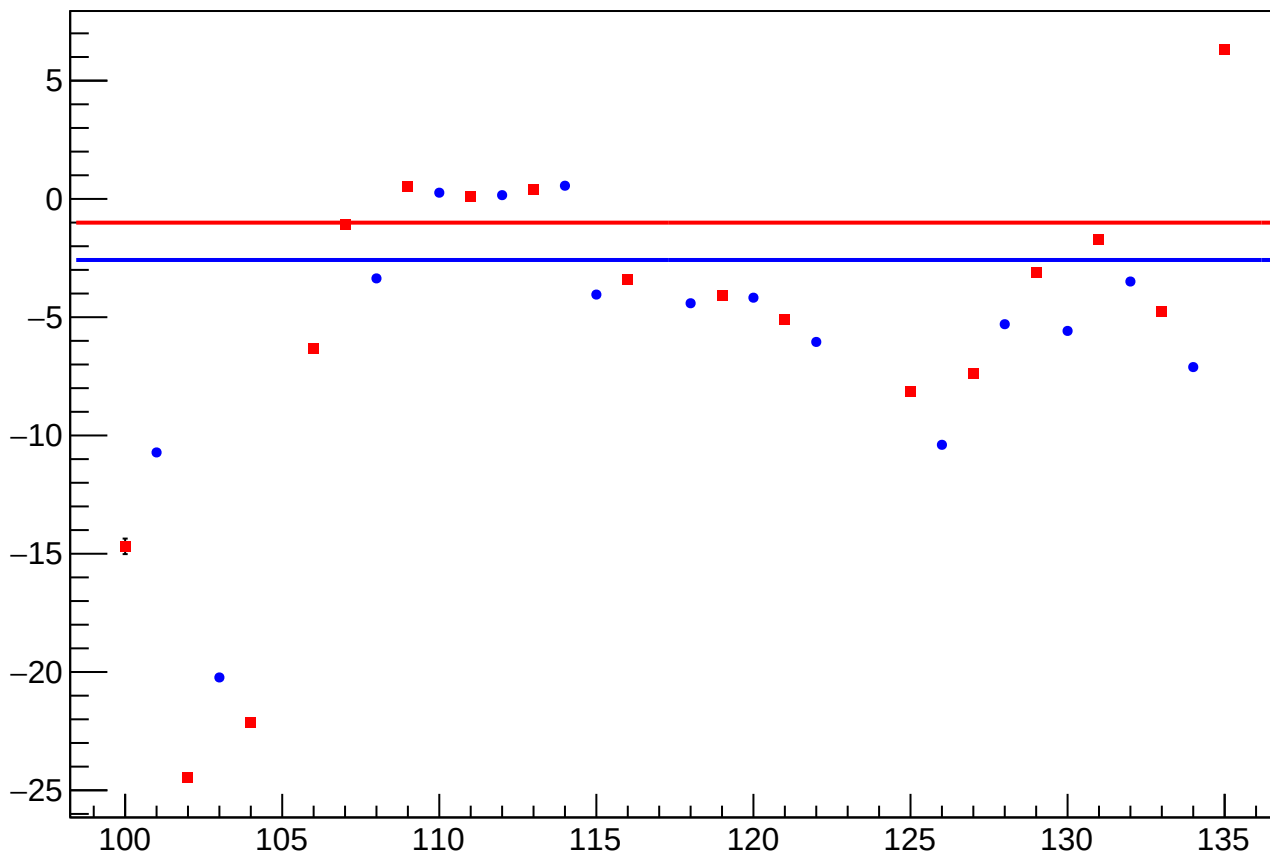
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.187 ± 0.003 χ^2/NDF : 27129.2/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -2.581 ± 0.020 χ^2/NDF : 41171.0/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.003 ± 0.016 χ^2/NDF : 72443.4/16

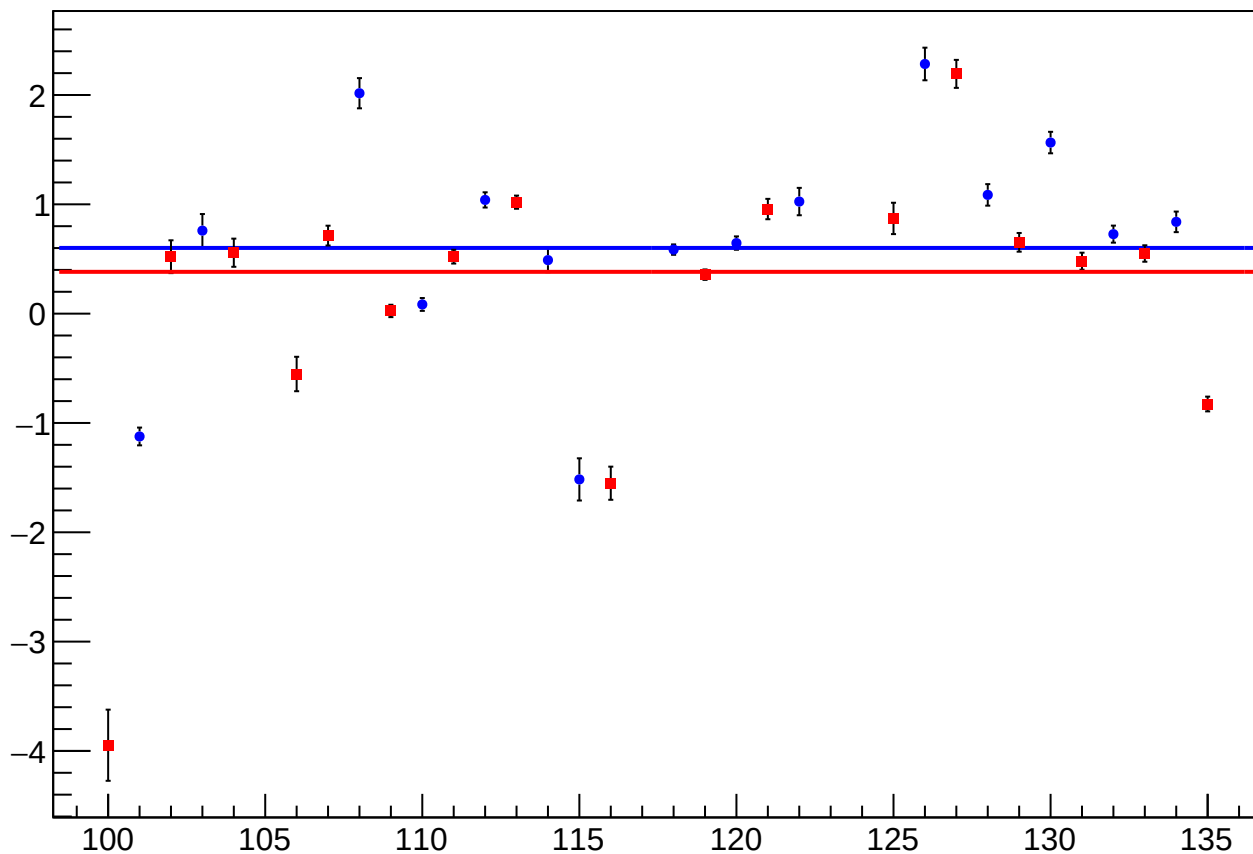
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -1.638 ± 0.013 χ^2/NDF : 117445.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: 0.601 $\pm$ 0.022 χ^2 /NDF: 1063.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 0.382 $\pm$ 0.020 χ^2 /NDF: 1134.9/16

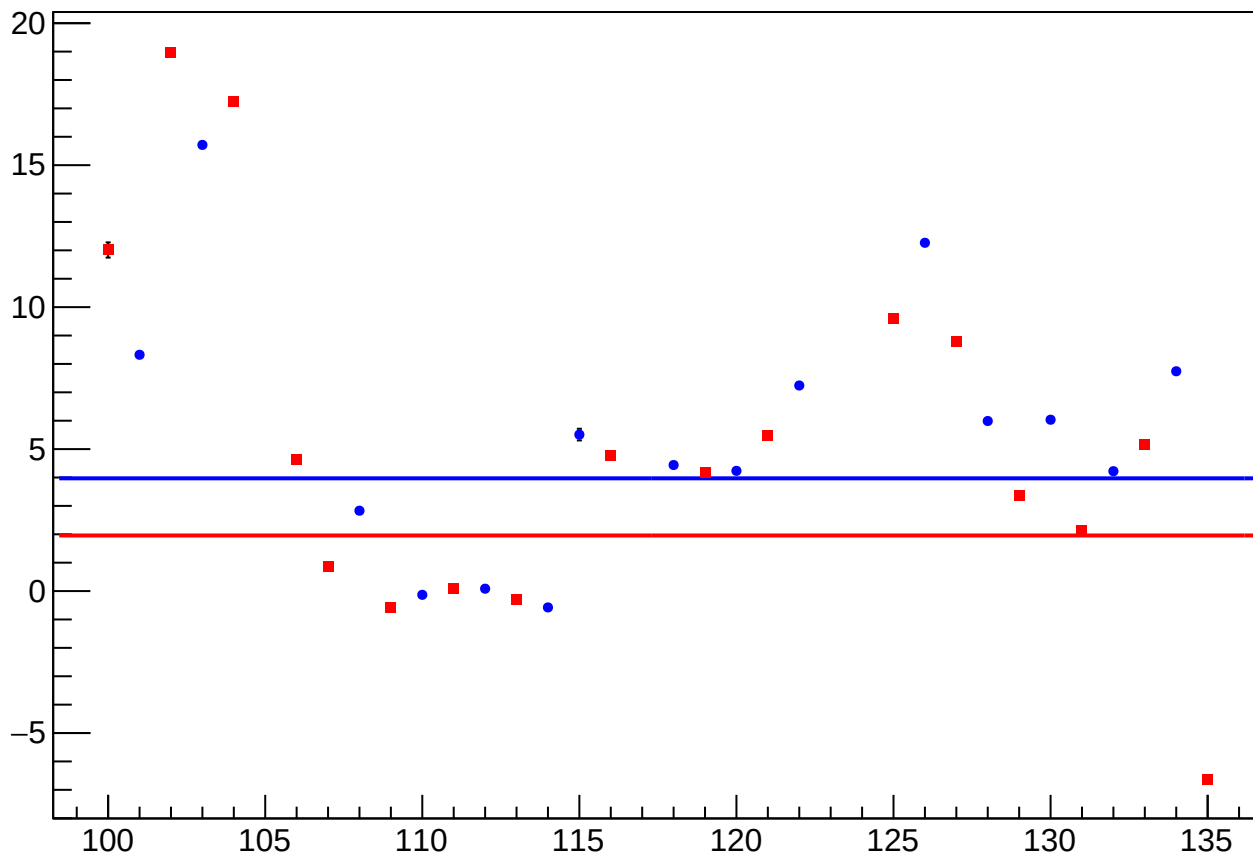
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.483 $\pm$ 0.015 χ^2 /NDF: 2253.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 3.971+/-0.024 χ^2/NDF : 29724.2/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: 1.958+/-0.021 χ^2/NDF : 65924.9/16

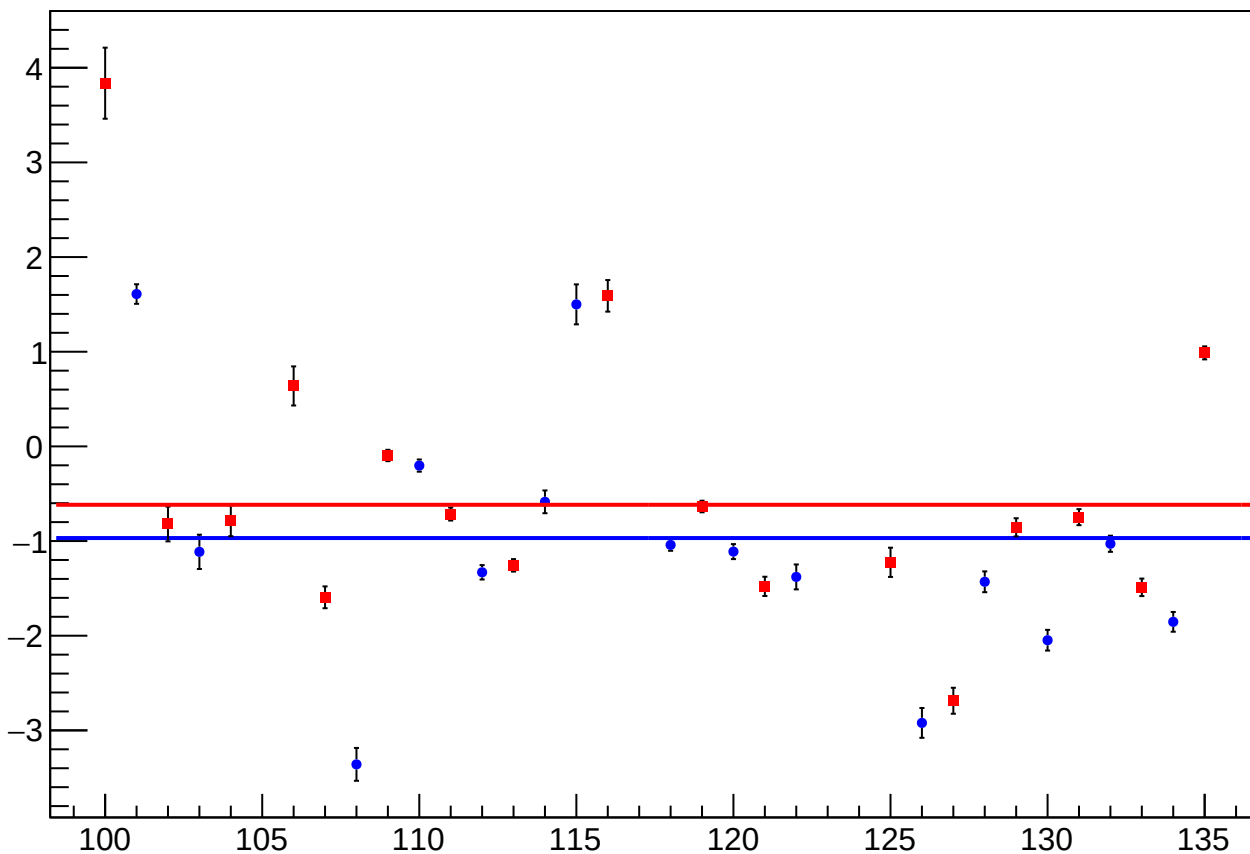
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: 2.823+/-0.016 χ^2/NDF : 99684.6/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: -0.968 ± 0.025 χ^2/NDF : 1479.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.617 ± 0.023 χ^2/NDF : 1555.5/16

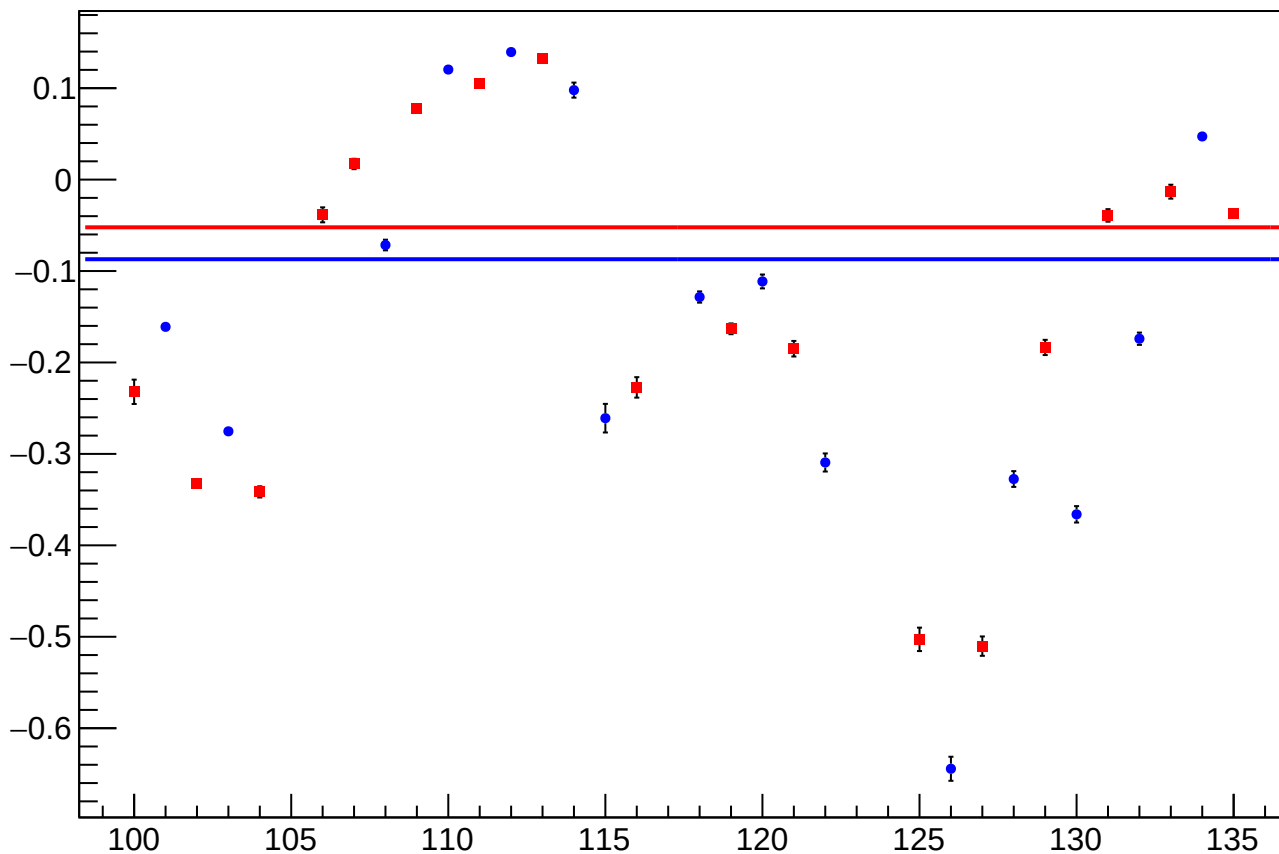
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.773 ± 0.017 χ^2/NDF : 3142.6/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_2an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.087 ± 0.002 $\chi^2/\text{NDF}: 11685.4/14$

Left Out: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

Right Out: -0.052 ± 0.001 $\chi^2/\text{NDF}: 14263.5/16$

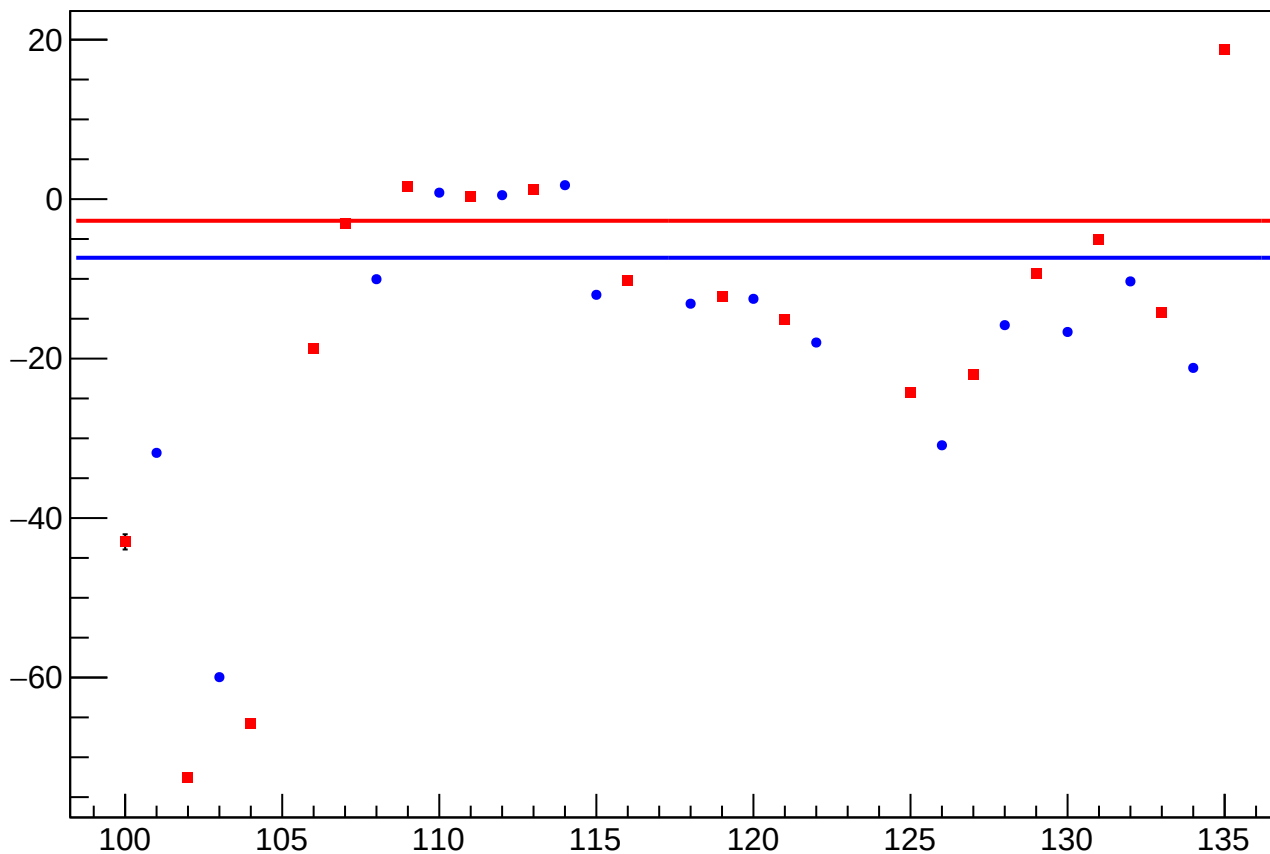
Left In: 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

+ sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

All: -0.066 ± 0.001 $\chi^2/\text{NDF}: 26222.5/31$

- sign 0.000 ± 0.000 $\chi^2/\text{NDF}: 0.0/0$

reg_asym_bcm_an_us_an_ds_avg_diff_bpm1X_slope vs Slug



Right In: -7.353+/-0.057 χ^2/NDF : 42481.1/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -2.714+/-0.046 χ^2/NDF : 74008.9/16

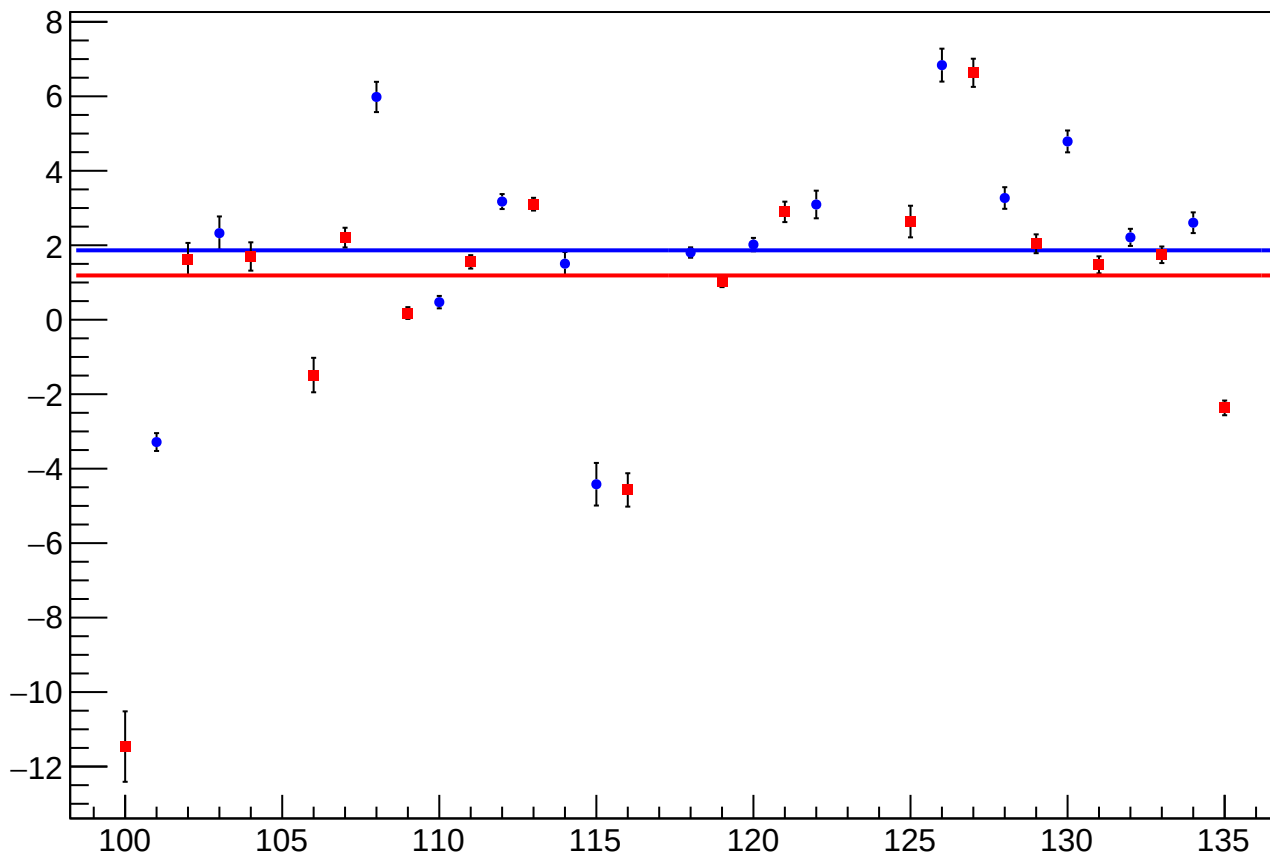
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -4.556+/-0.036 χ^2/NDF : 120461.1/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4aY_slope vs Slug



Right In: 1.864 $\pm$ 0.063 χ^2 /NDF: 1069.6/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 1.189 $\pm$ 0.058 χ^2 /NDF: 1167.3/16

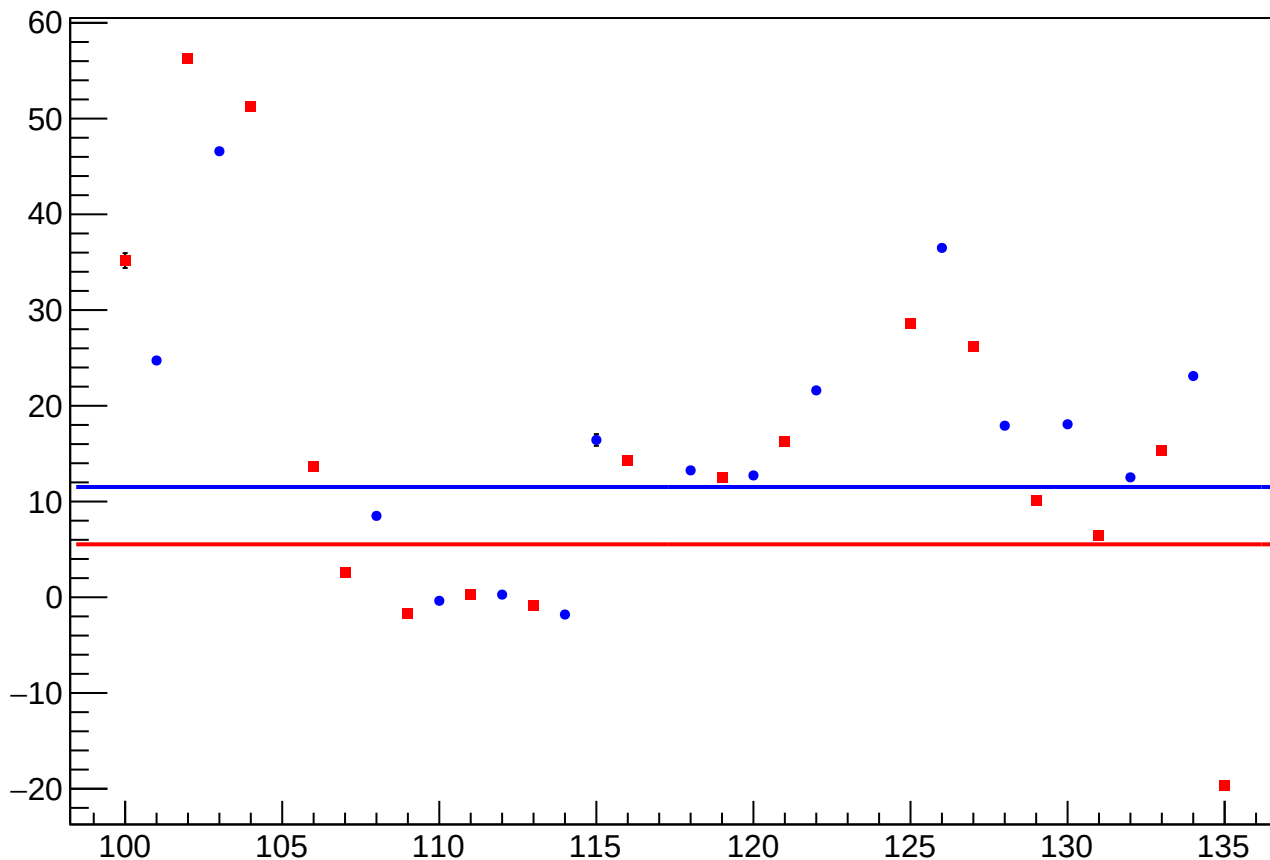
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 1.498 $\pm$ 0.043 χ^2 /NDF: 2299.3/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eX_slope vs Slug



Right In: 11.517 $\pm$ 0.070 χ^2 /NDF: 30849.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Right Out: 5.529 $\pm$ 0.060 χ^2 /NDF: 67498.2/16

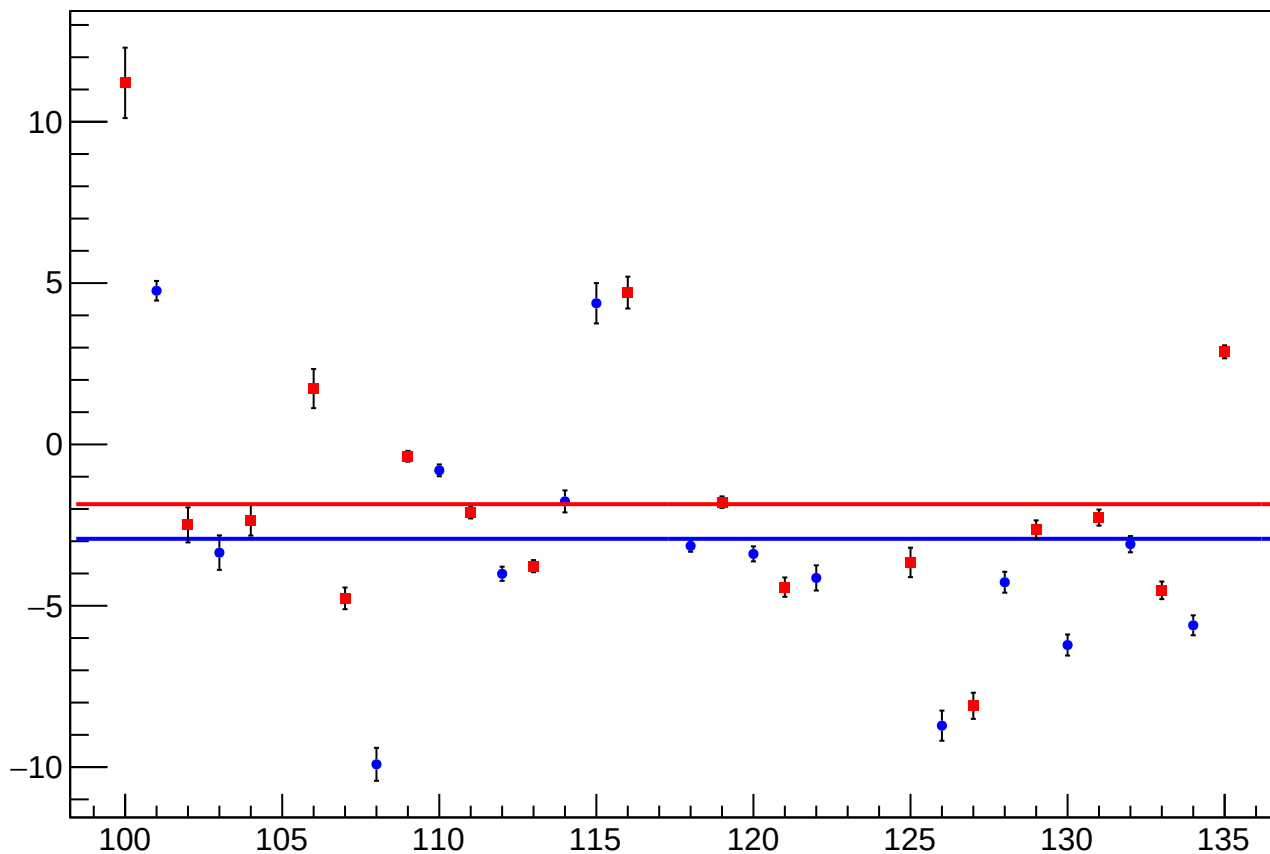
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 8.075 $\pm$ 0.045 χ^2 /NDF: 102595.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm4eY_slope vs Slug



Right In: -2.925 ± 0.074 χ^2/NDF : 1495.3/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -1.851 ± 0.065 χ^2/NDF : 1600.9/16

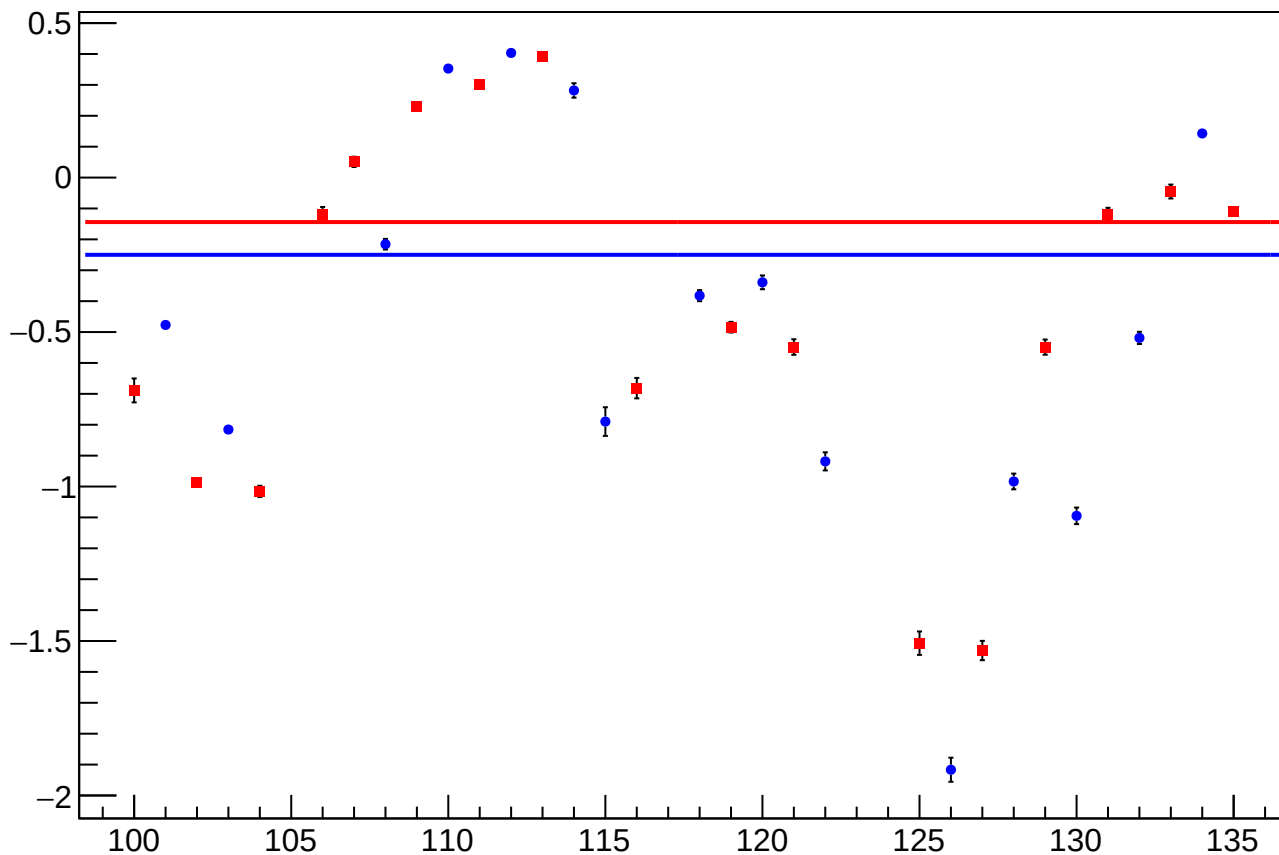
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -2.325 ± 0.049 χ^2/NDF : 3215.3/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_avg_diff_bpm12X_slope vs Slug



Right In: -0.250 ± 0.005 χ^2/NDF : 12023.1/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.144 ± 0.004 χ^2/NDF : 14821.4/16

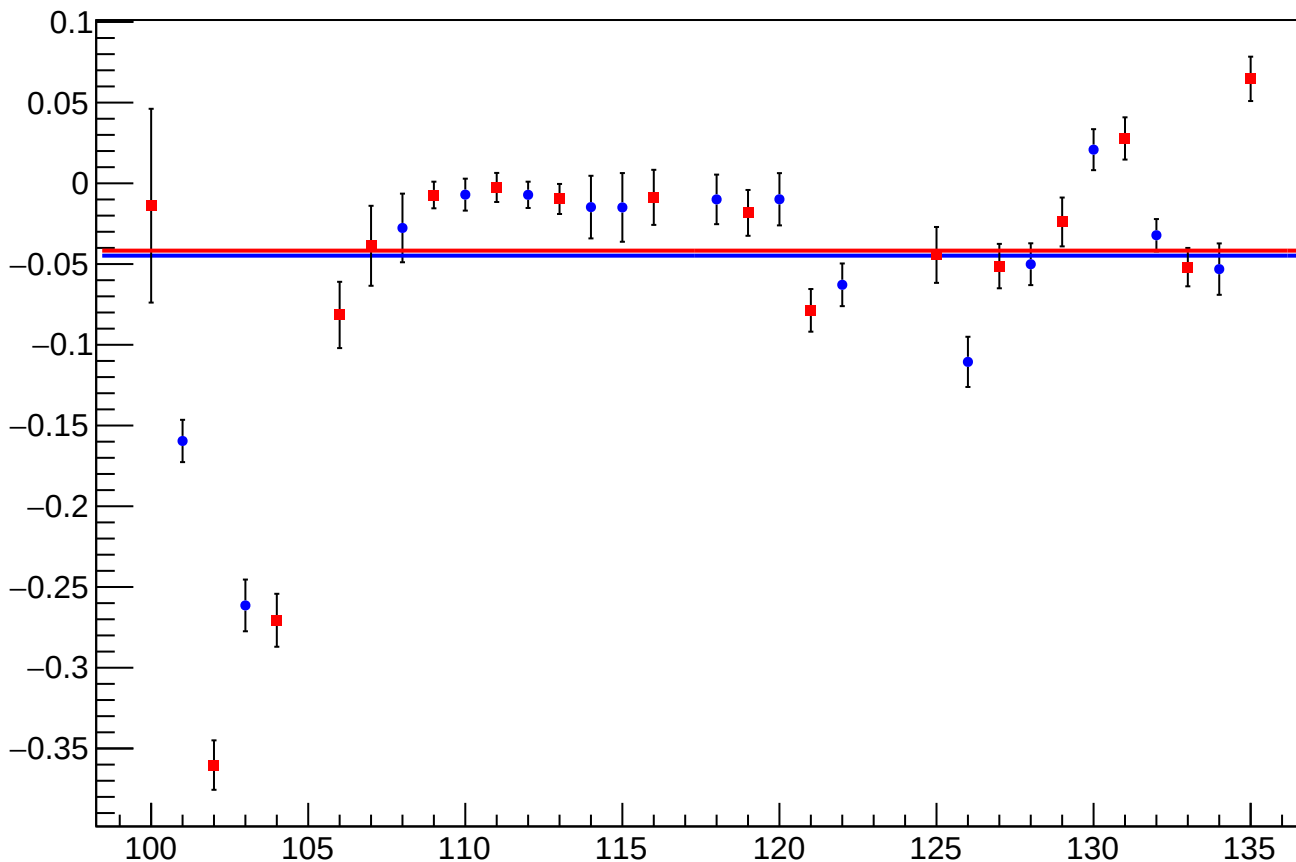
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.186 ± 0.003 χ^2/NDF : 27141.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm1X_slope vs Slug



Right In: -0.045 $\pm$ 0.003 χ^2 /NDF: 359.0/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: -0.042 $\pm$ 0.003 χ^2 /NDF: 785.0/16

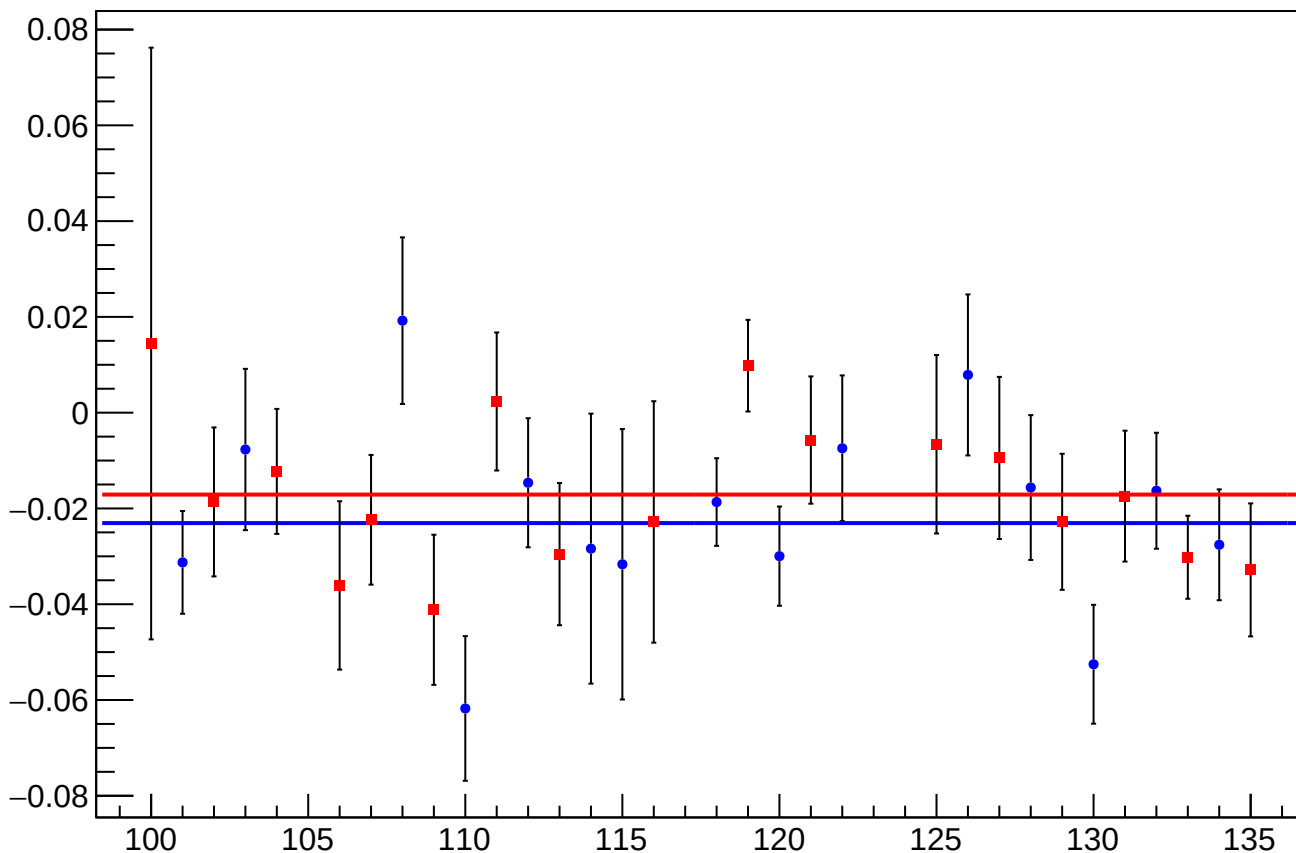
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: -0.043 $\pm$ 0.002 χ^2 /NDF: 1144.5/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4aY_slope vs Slug



Right In: -0.023 ± 0.003 χ^2/NDF : 25.9/14

Left Out: 0.000 ± 0.000 χ^2/NDF : 0.0/0

Right Out: -0.017 ± 0.003 χ^2/NDF : 19.5/16

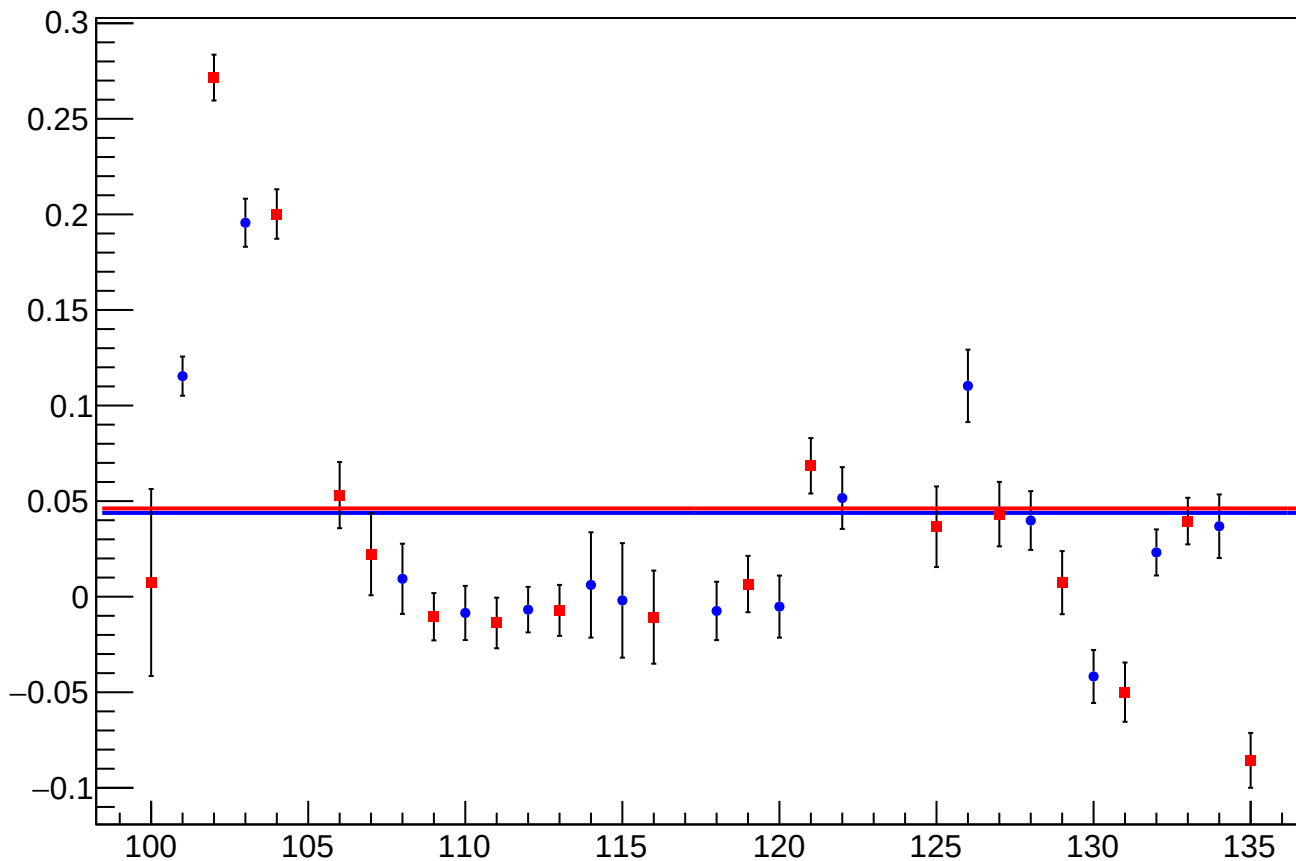
Left In: 0.000 ± 0.000 χ^2/NDF : 0.0/0

+ sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

All: -0.020 ± 0.002 χ^2/NDF : 46.9/31

- sign 0.000 ± 0.000 χ^2/NDF : 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eX_slope vs Slug



Right In: 0.044 $\pm$ 0.004 χ^2 /NDF: 308.0/14

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

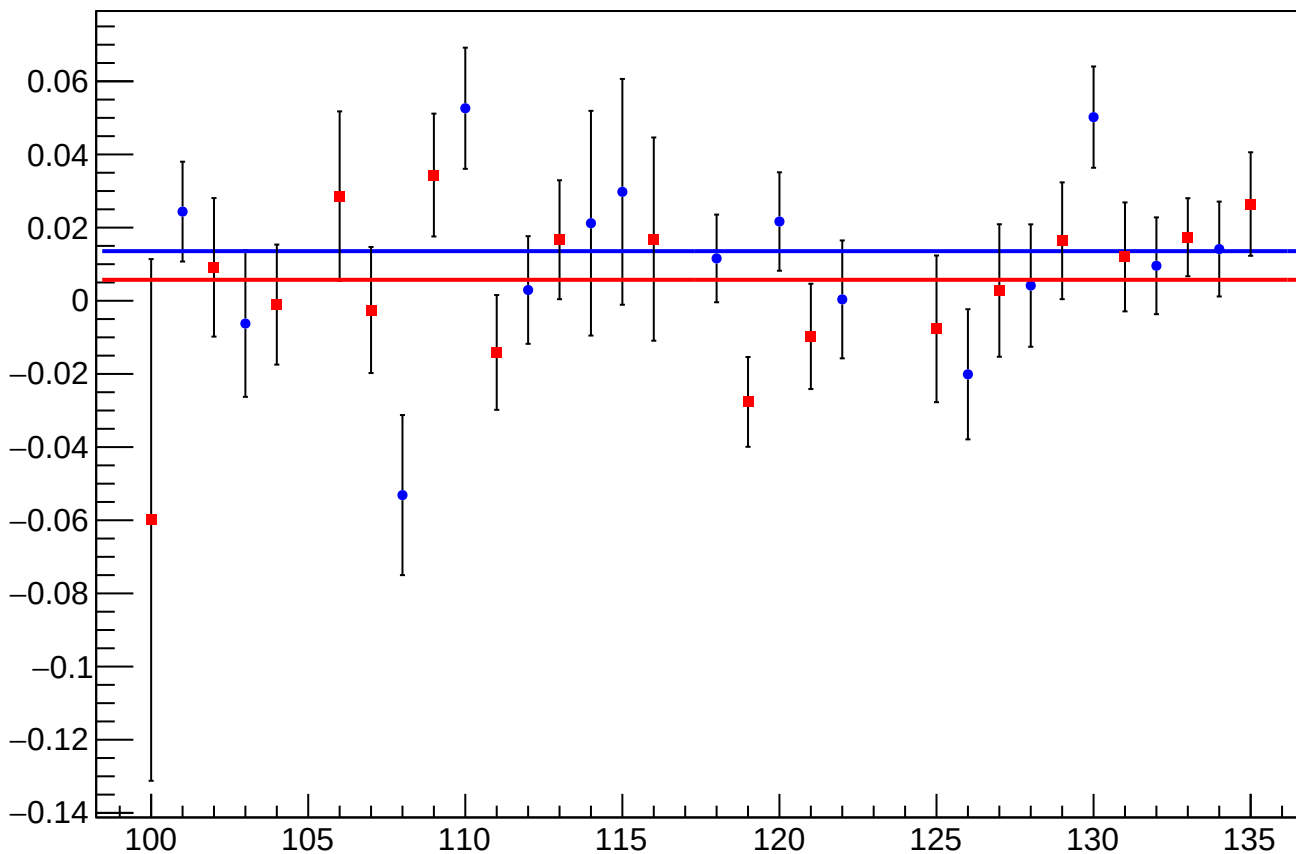
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.045 $\pm$ 0.003 χ^2 /NDF: 1006.2/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm4eY_slope vs Slug



Right In: 0.014 $\pm$ 0.004 χ^2 /NDF: 29.4/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

Right Out: 0.006 $\pm$ 0.004 χ^2 /NDF: 20.4/16

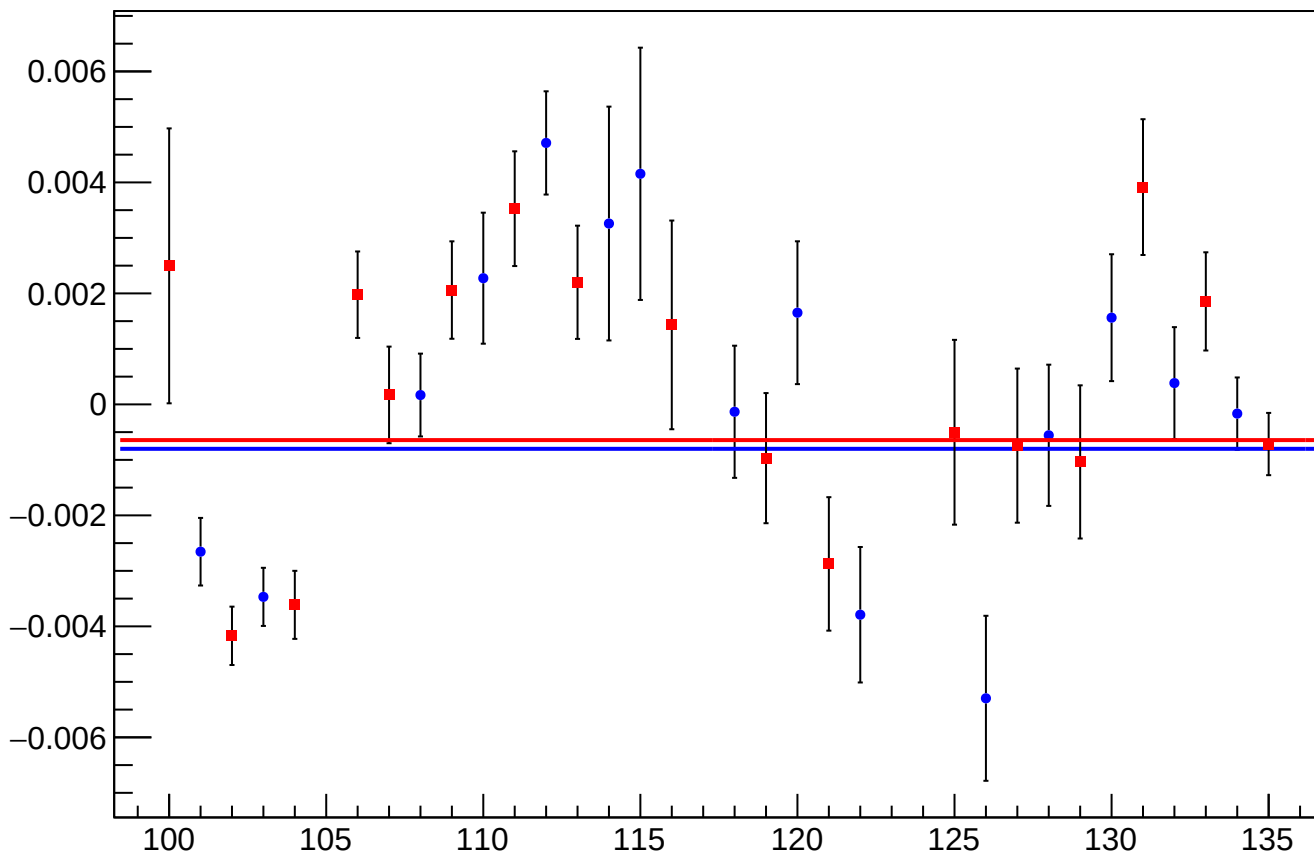
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.010 $\pm$ 0.003 χ^2 /NDF: 51.6/31

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

reg_asym_bcm_an_us_an_ds_dd_diff_bpm12X_slope vs Slug



Right In: -0.001+/-0.000 χ^2/NDF : 113.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

Right Out: -0.001+/-0.000 χ^2/NDF : 142.5/16

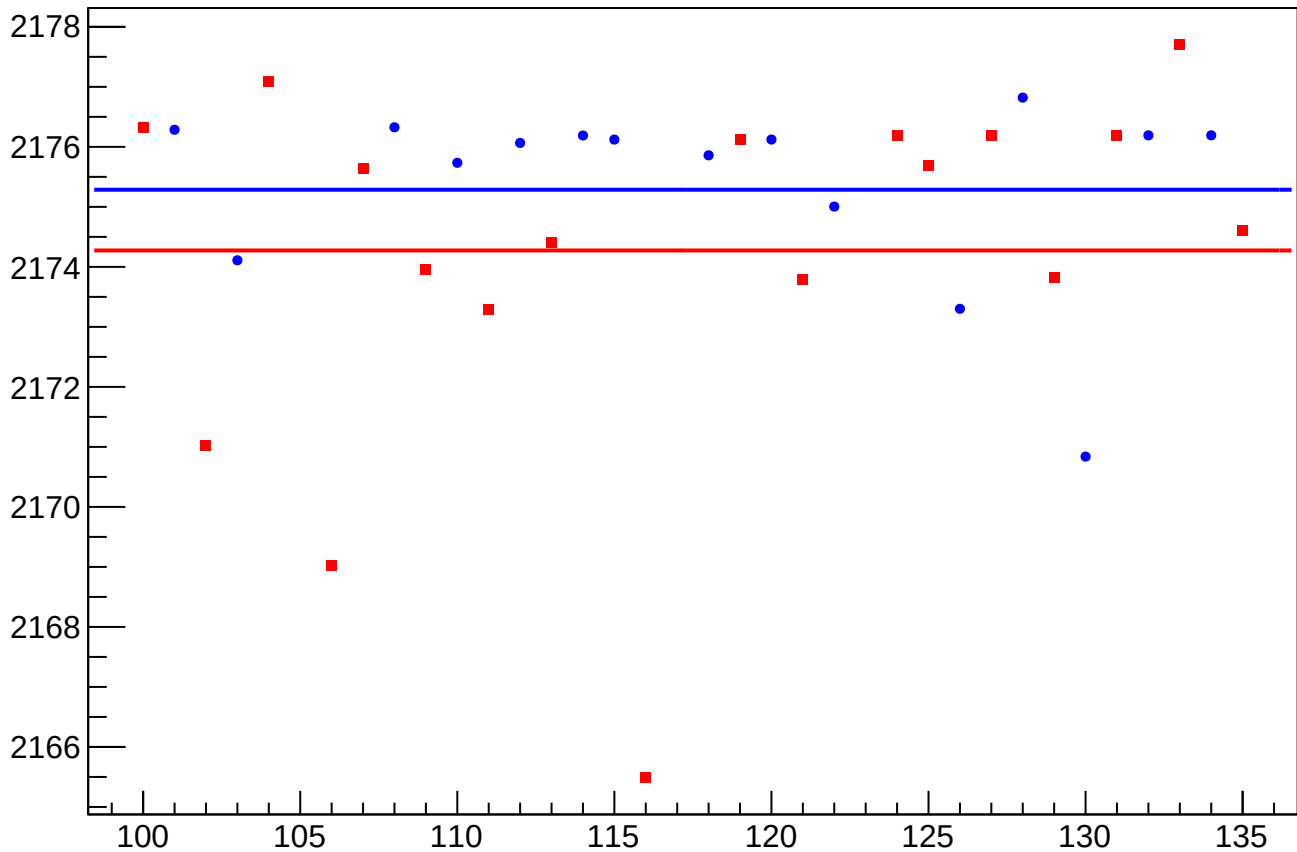
Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

All: -0.001+/-0.000 χ^2/NDF : 255.7/31

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

HALLA_p_mean vs Slug



Right In: 2175.286 $\pm$ 0.000 χ^2 /NDF: 1727089099874026962459561847422976.0/14

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

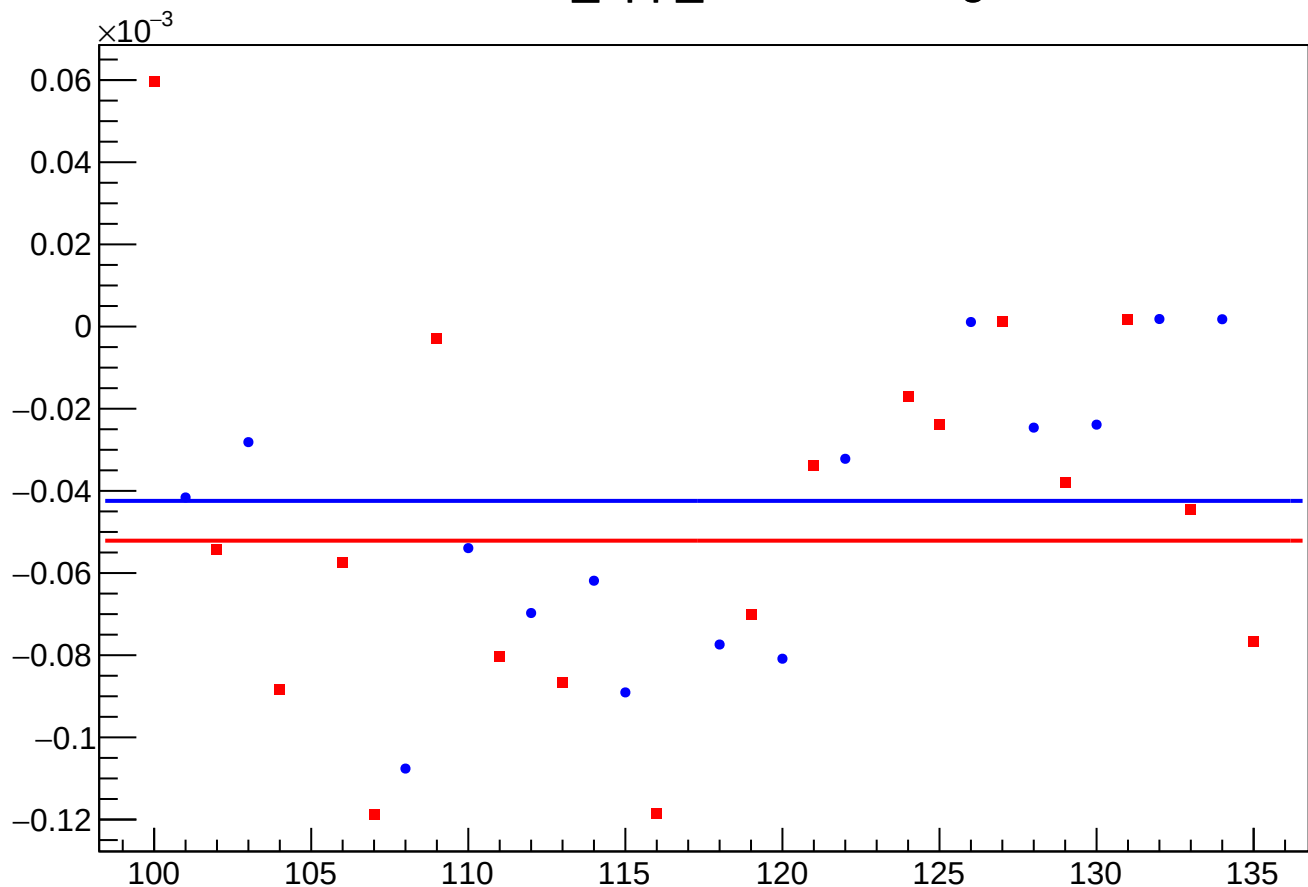
All: 2174.746 $\pm$ 0.000 χ^2 /NDF: 75532313500

Right Out: 2174.274 $\pm$ 0.000 χ^2 /NDF: 5470592591069036145029658651394048.0/17

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HALLA_dpp_mean vs Slug



Right In: -0.000+/-0.000 χ^2/NDF : 666717624116010771546112.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

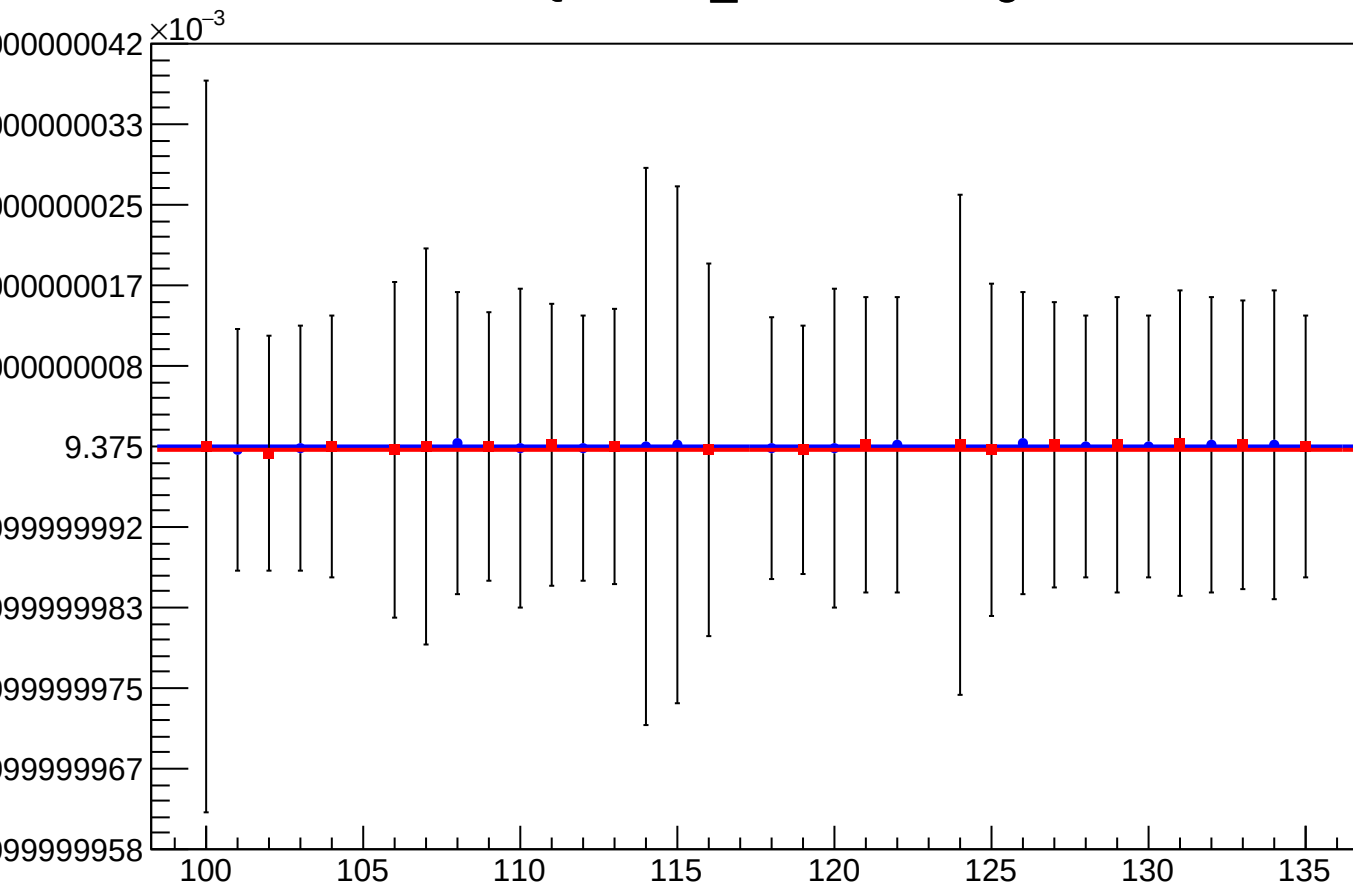
All: -0.000+/-0.000 χ^2/NDF : 1677807615672

Right Out: -0.000+/-0.000 χ^2/NDF : 978541566473376054116352.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ171LM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

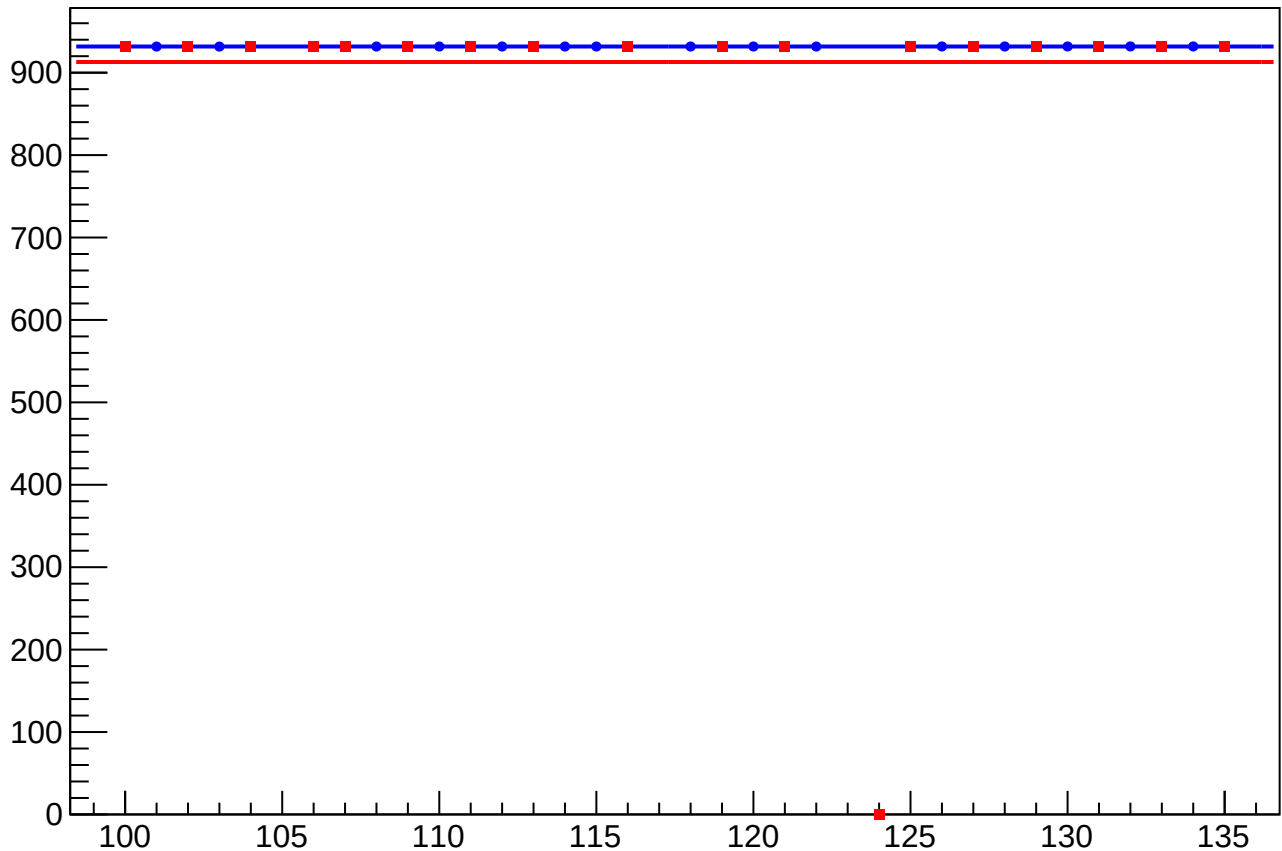
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacL_Q2_HP3458A_IOUT_mean vs Slug



Right In: 931.755+/-0.000 χ^2/NDF : 1761399800746743943640544968704.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

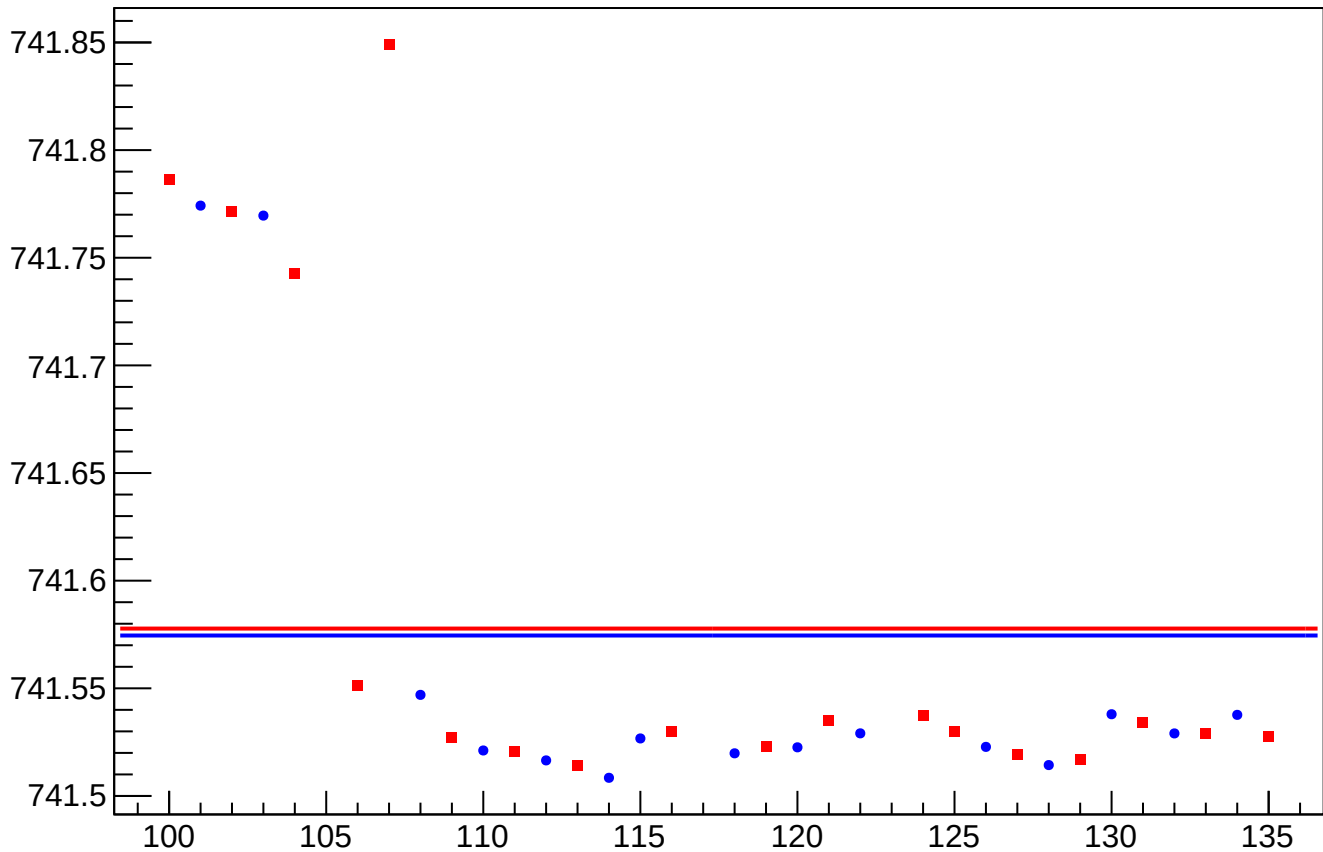
All: 921.733+/-0.000 χ^2/NDF : 128816069457

Right Out: 912.951+/-0.000 χ^2/NDF : 12758911602742520537728059533074366464.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_D1_HP3458A_IOUT_mean vs Slug



Right In: 741.575+/-0.000 χ^2/NDF : 6260362617767595372872558706688.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

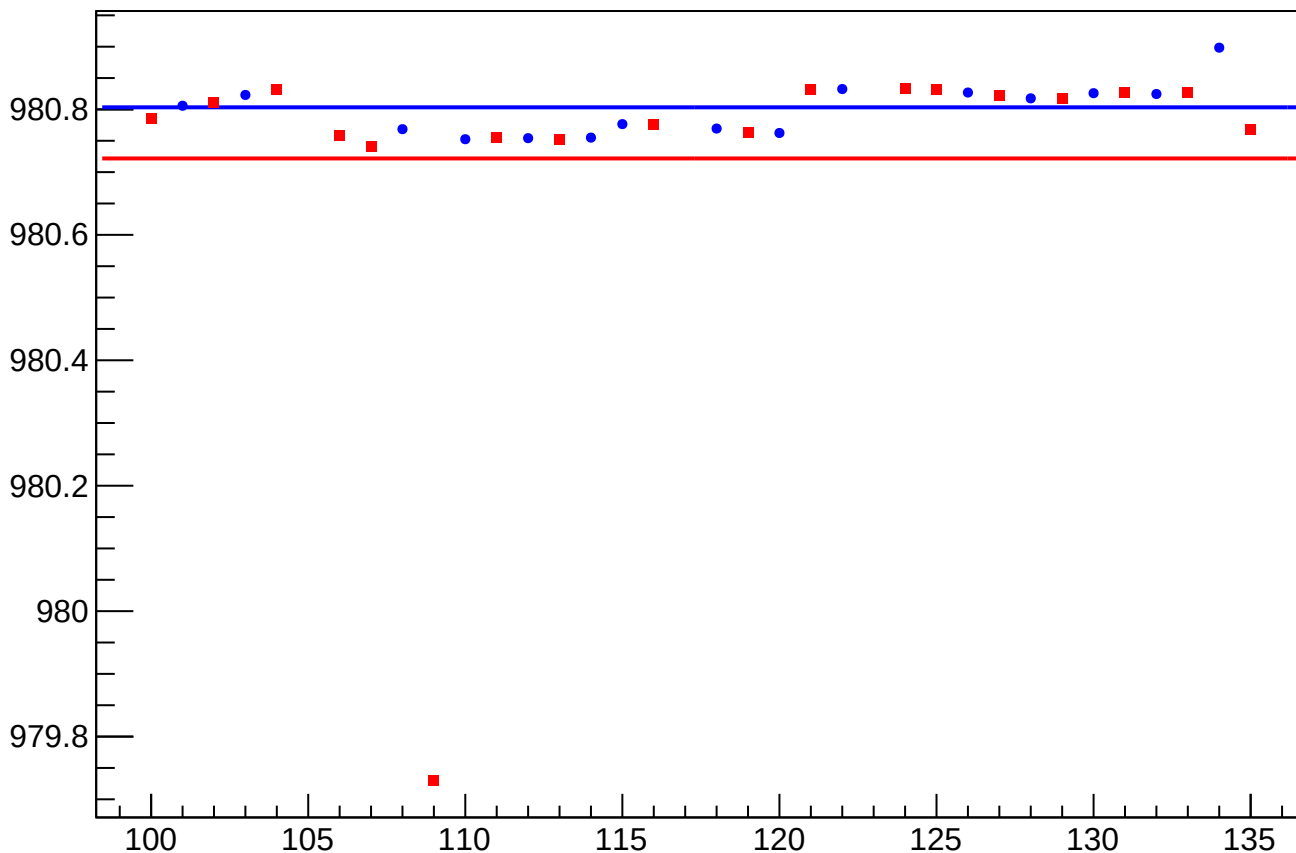
All: 741.576+/-0.000 χ^2/NDF : 139280752953

Right Out: 741.578+/-0.000 χ^2/NDF : 7664105974075595079540354842624.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacL_Q3_HP3458A_IOUT_mean vs Slug



Right In: 980.803+/-0.000 χ^2/NDF : 931526604880960262701278298112.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

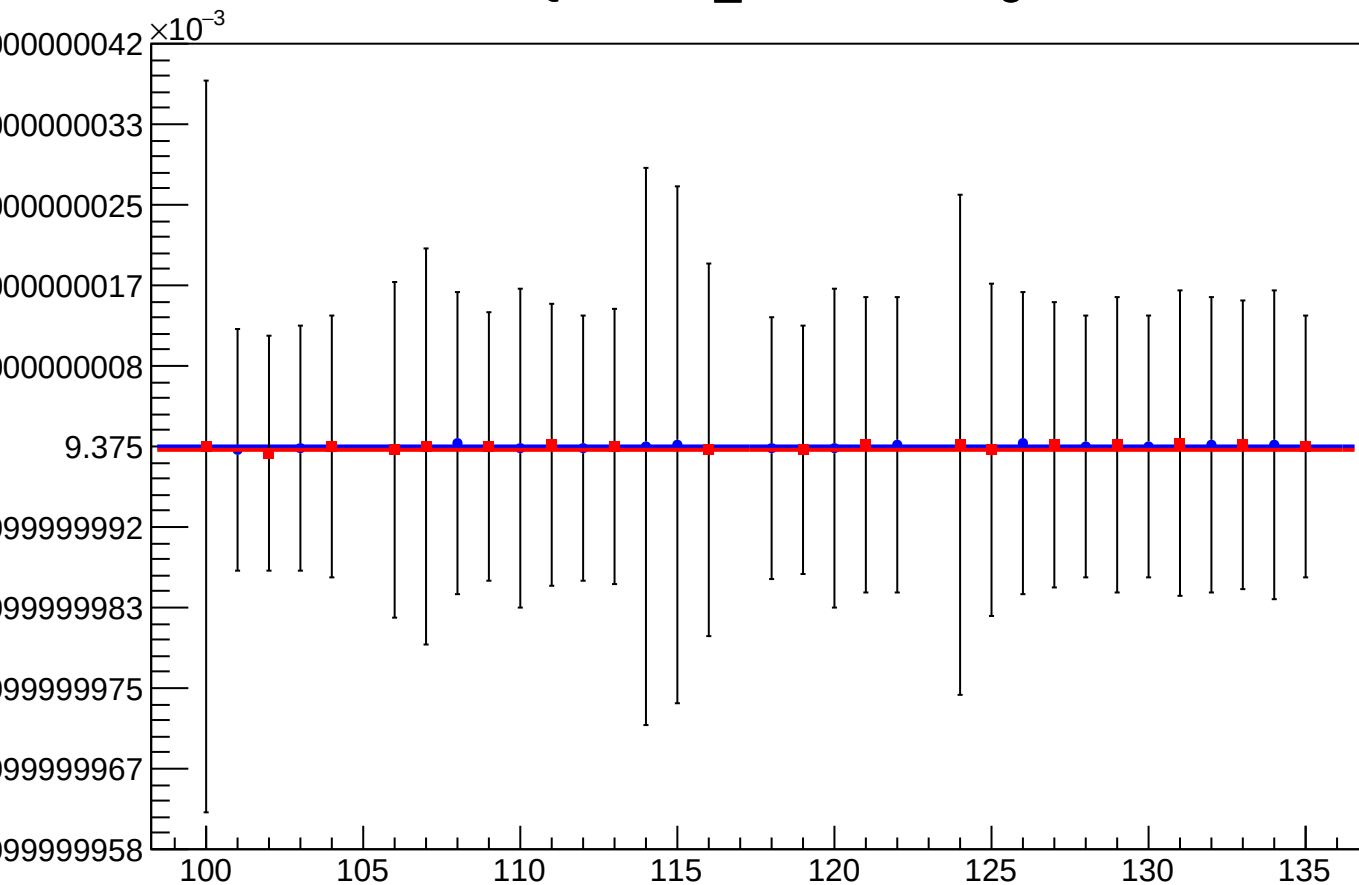
All: 980.760+/-0.000 χ^2/NDF : 590449496253

Right Out: 980.722+/-0.000 χ^2/NDF : 55808652440842603093392495738880.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

MQ172RM_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

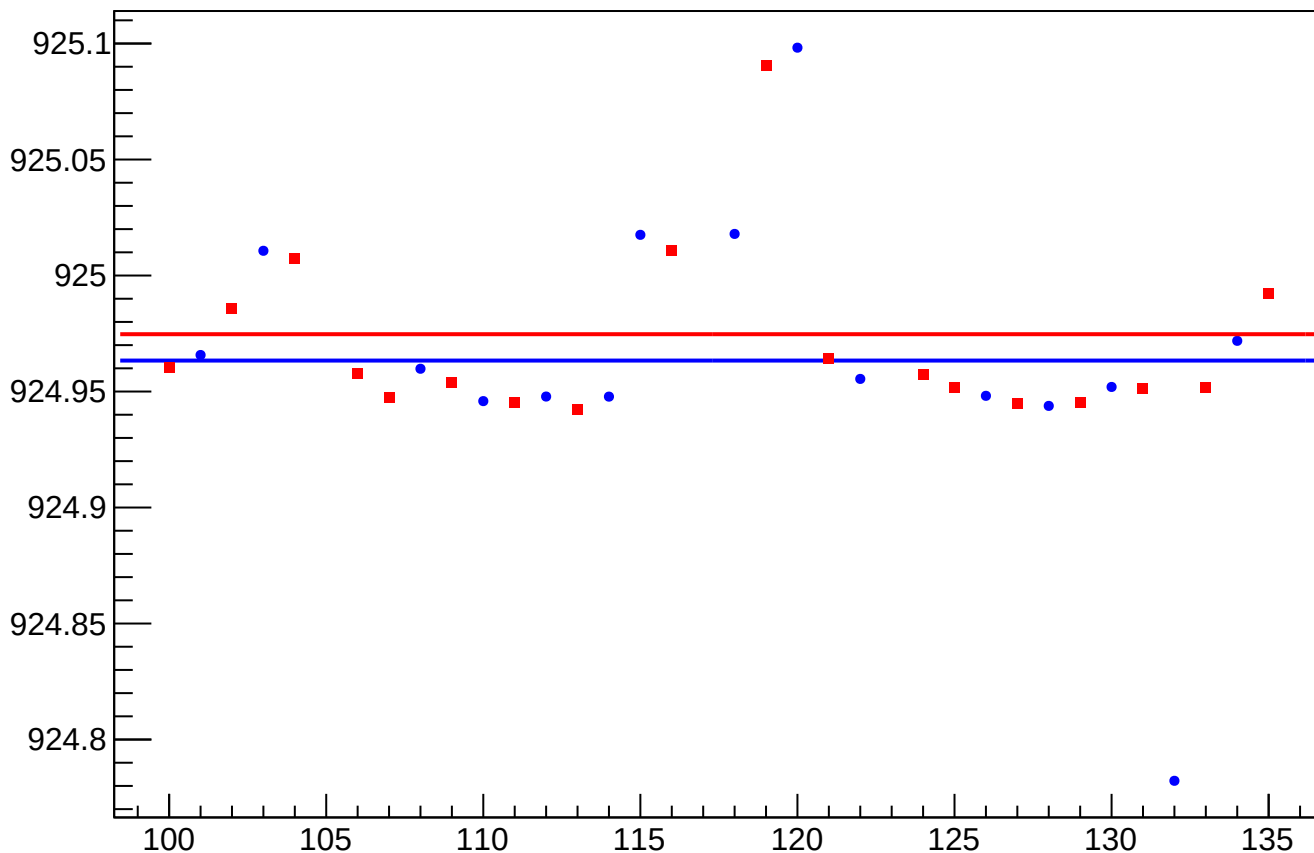
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

HacR_Q2_HP3458A_IOUT_mean vs Slug



Right In: 924.963+/-0.000 χ^2/NDF : 2500342342285433853443592683520.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

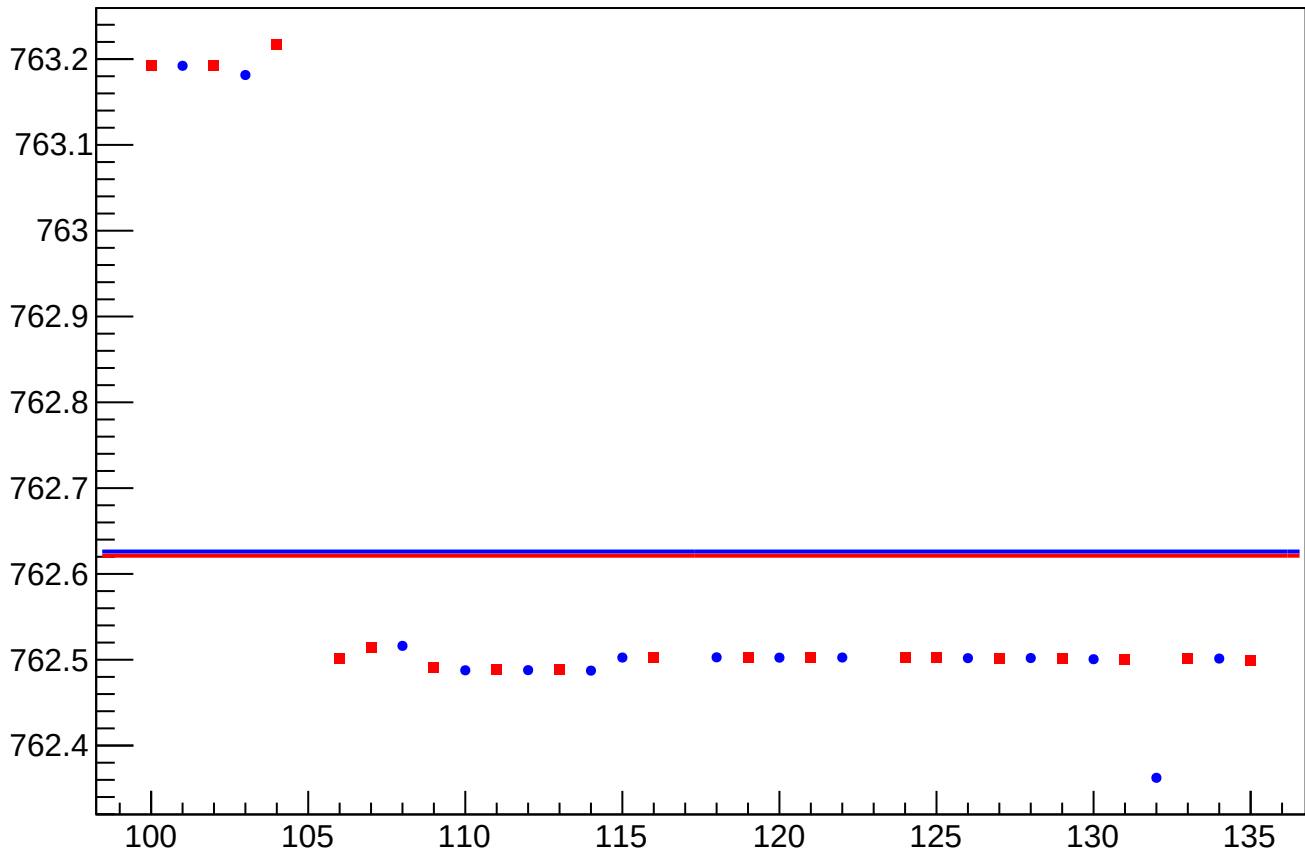
All: 924.969+/-0.000 χ^2/NDF : 377444648853

Right Out: 924.975+/-0.000 χ^2/NDF : 1229299524754634783146037477376.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_D1_HP3458A_IOUT_mean vs Slug



Right In: 762.626+/-0.000 χ^2/NDF : 50890411555532311110860742328320.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

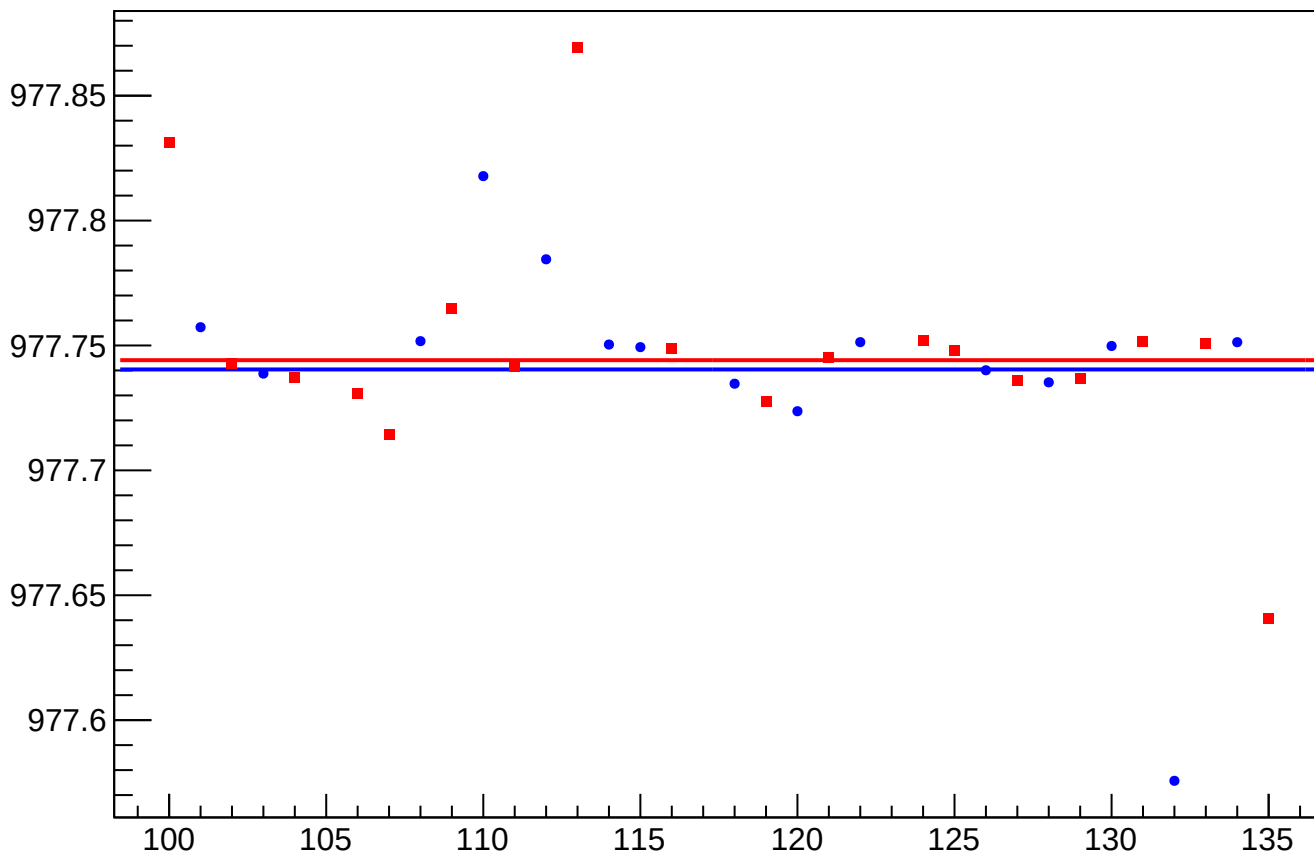
All: 762.624+/-0.000 χ^2/NDF : 103742885248.0/17

Right Out: 762.621+/-0.000 χ^2/NDF : 52844301471646474619393285292032.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

HacR_Q3_HP3458A_IOUT_mean vs Slug



Right In: 977.740+/-0.000 χ^2/NDF : 1545389440707445976314144620544.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

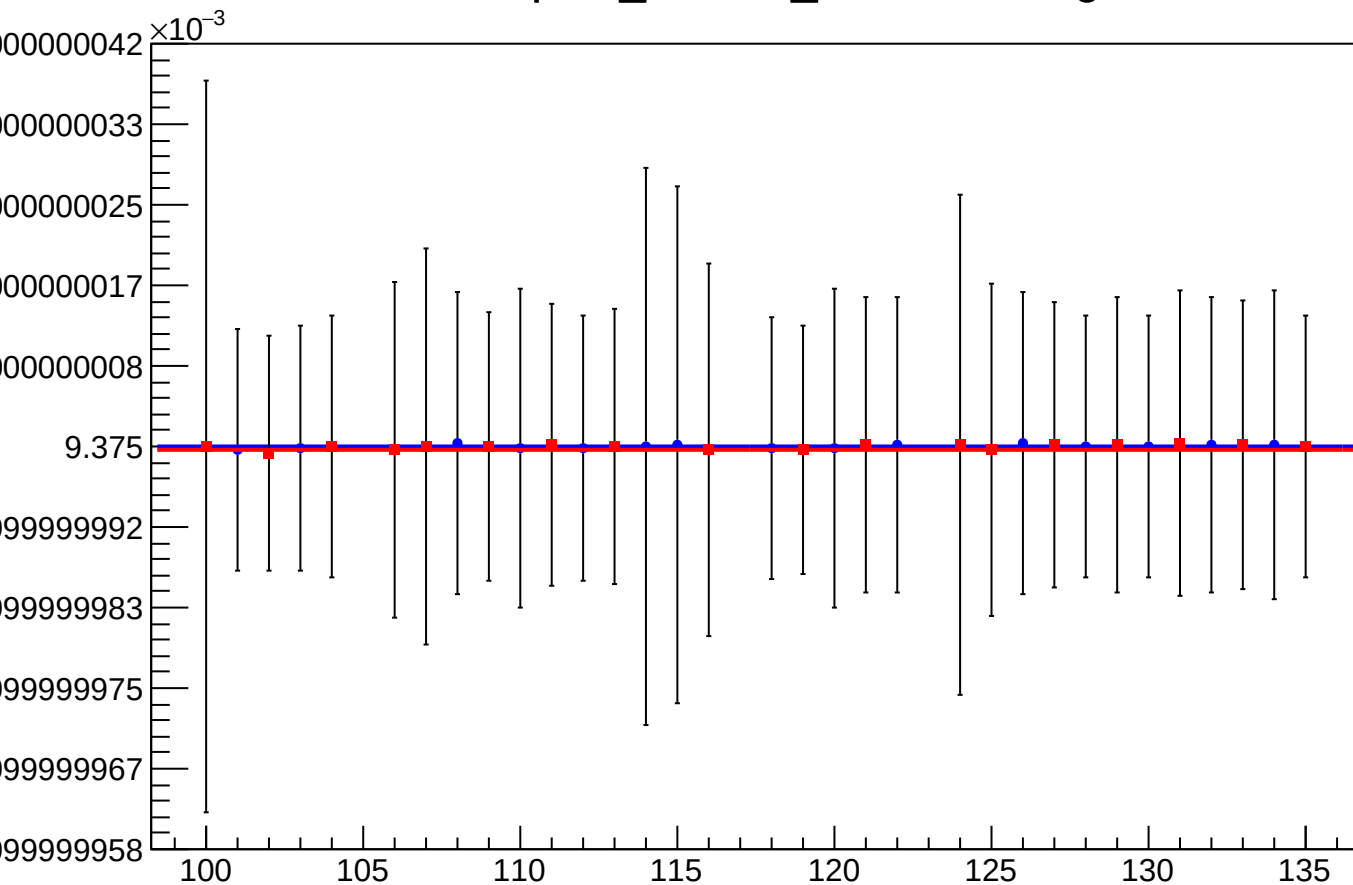
All: 977.742+/-0.000 χ^2/NDF : 304360471877

Right Out: 977.744+/-0.000 χ^2/NDF : 1493438672146503035759443836928.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

hesDipole_current_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

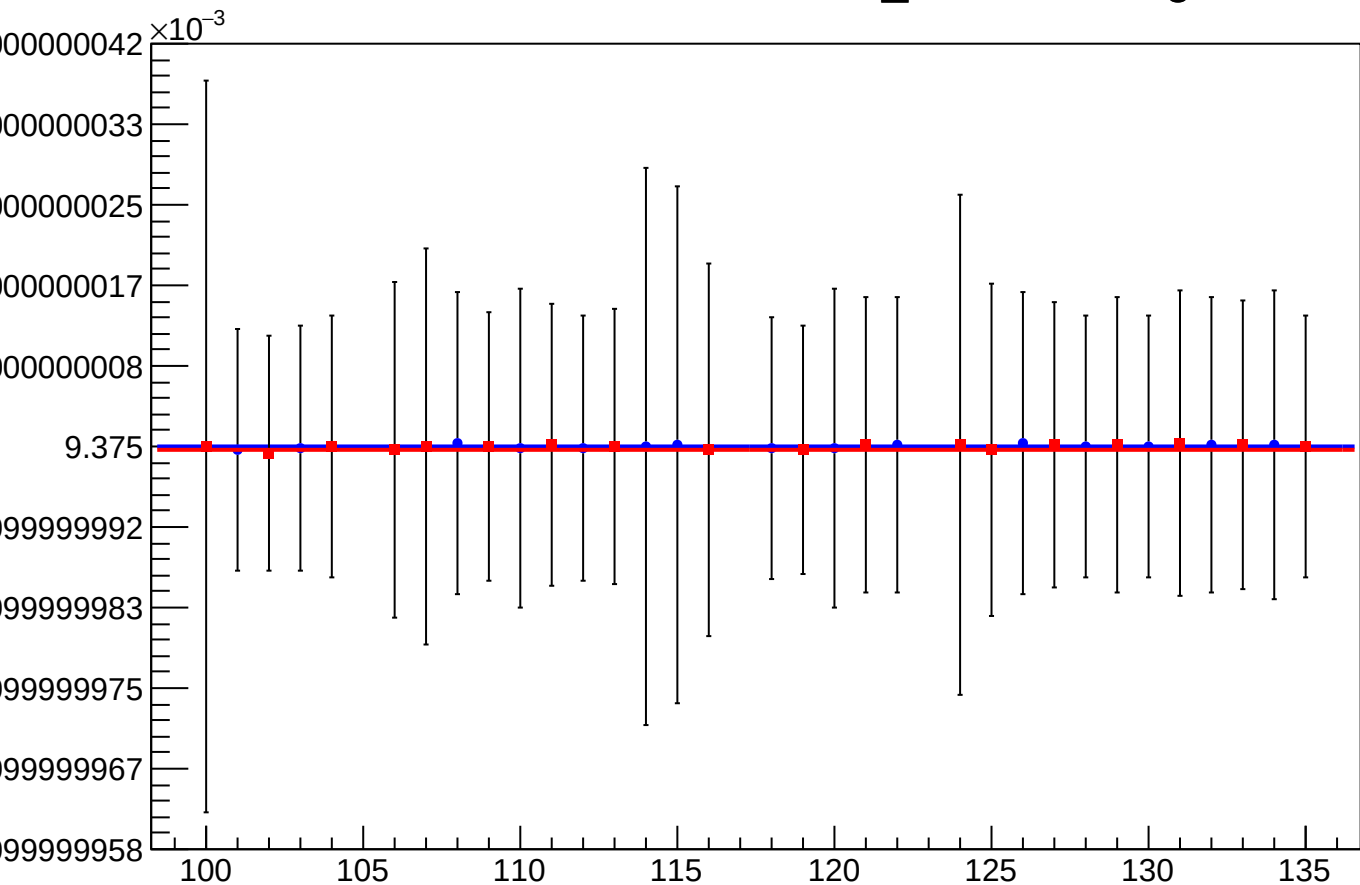
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

MSUPERBIGBITereadcalc_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

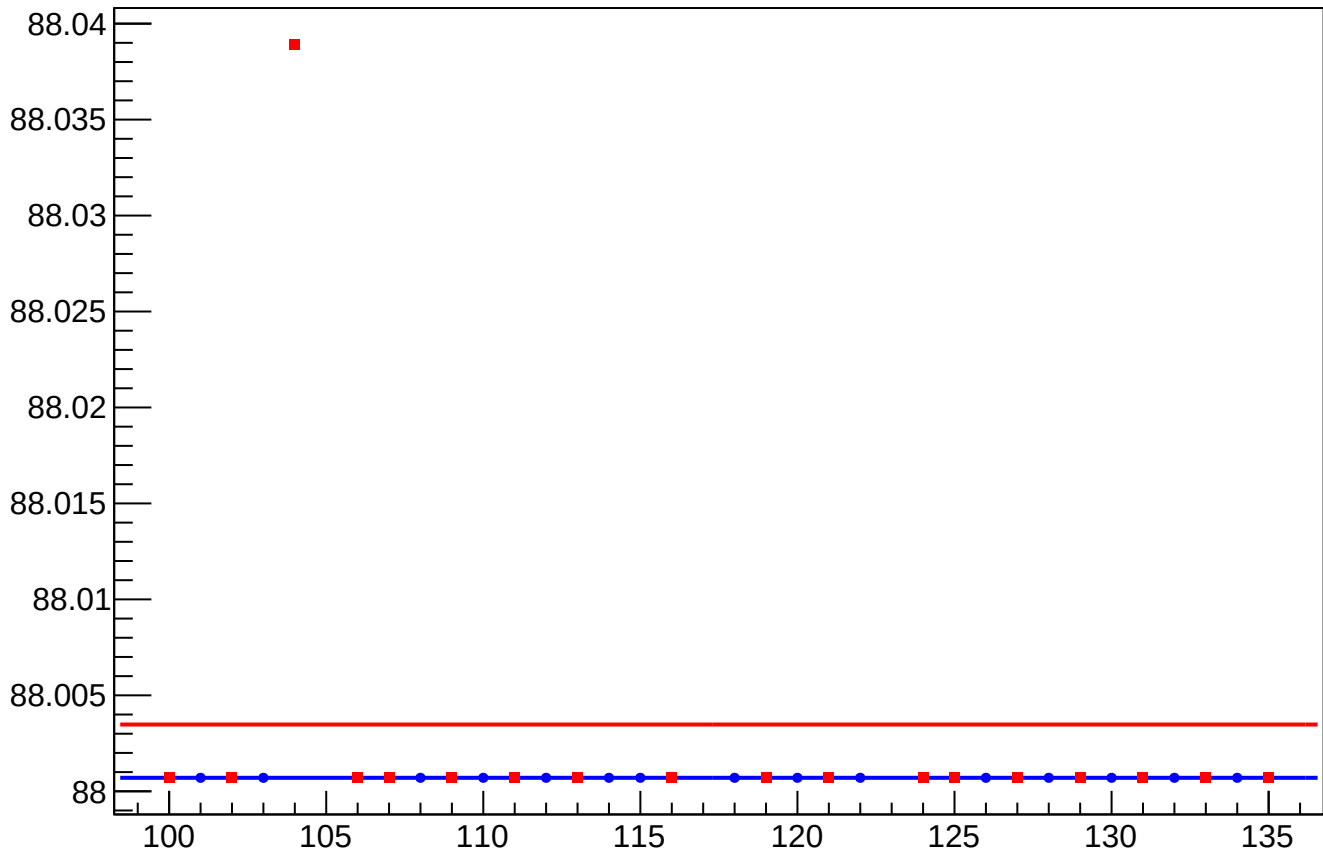
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

VWienAngle_mean vs Slug



Right In: 88.001 $\pm$ 0.000 χ^2 /NDF: 1429188.8/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

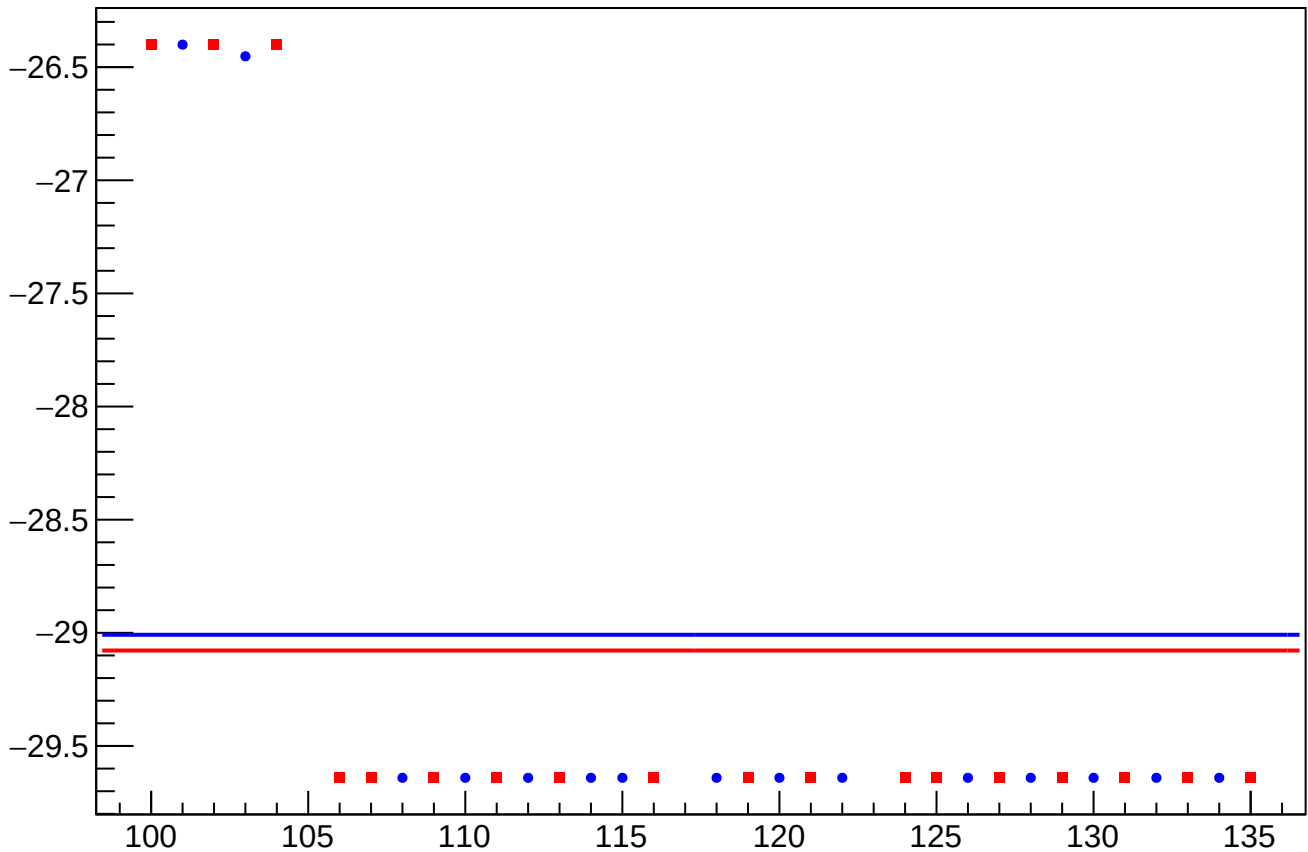
Right Out: 88.003 $\pm$ 0.000 χ^2 /NDF: 73076931425598179665451679744.0/17

All: 88.002 $\pm$ 0.000 χ^2 /NDF: 757516189703

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

HWienAngle_mean vs Slug



Right In: -29.009+/-0.000 χ^2/NDF : 1062778529032282879006175110627328.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

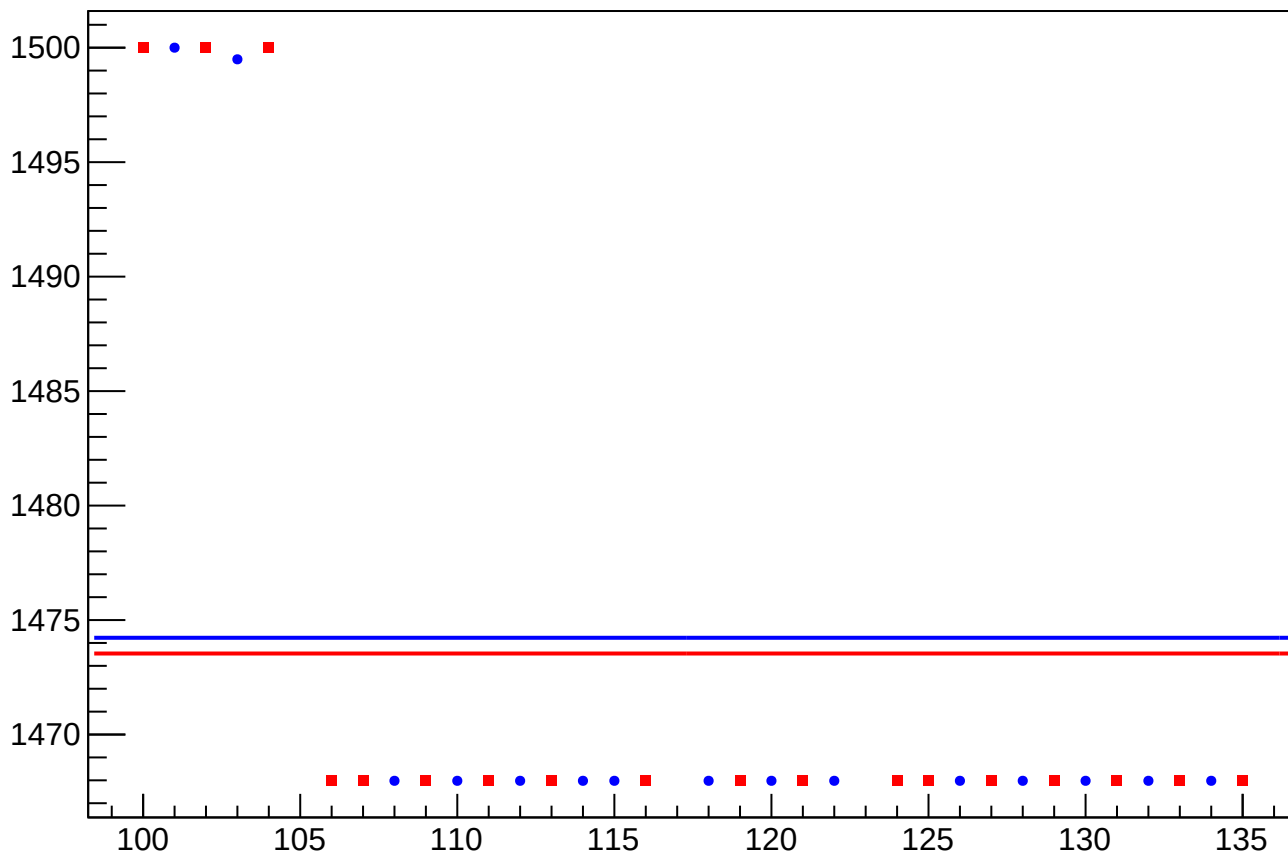
All: -29.046+/-0.000 χ^2/NDF : 218353187849

Right Out: -29.078+/-0.000 χ^2/NDF : 1119075243068660475347394275311616.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

psub_pl_pos_mean vs Slug



Right In: 1474.226+/-0.000 χ^2/NDF : 103808652197454866443302194024284160.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

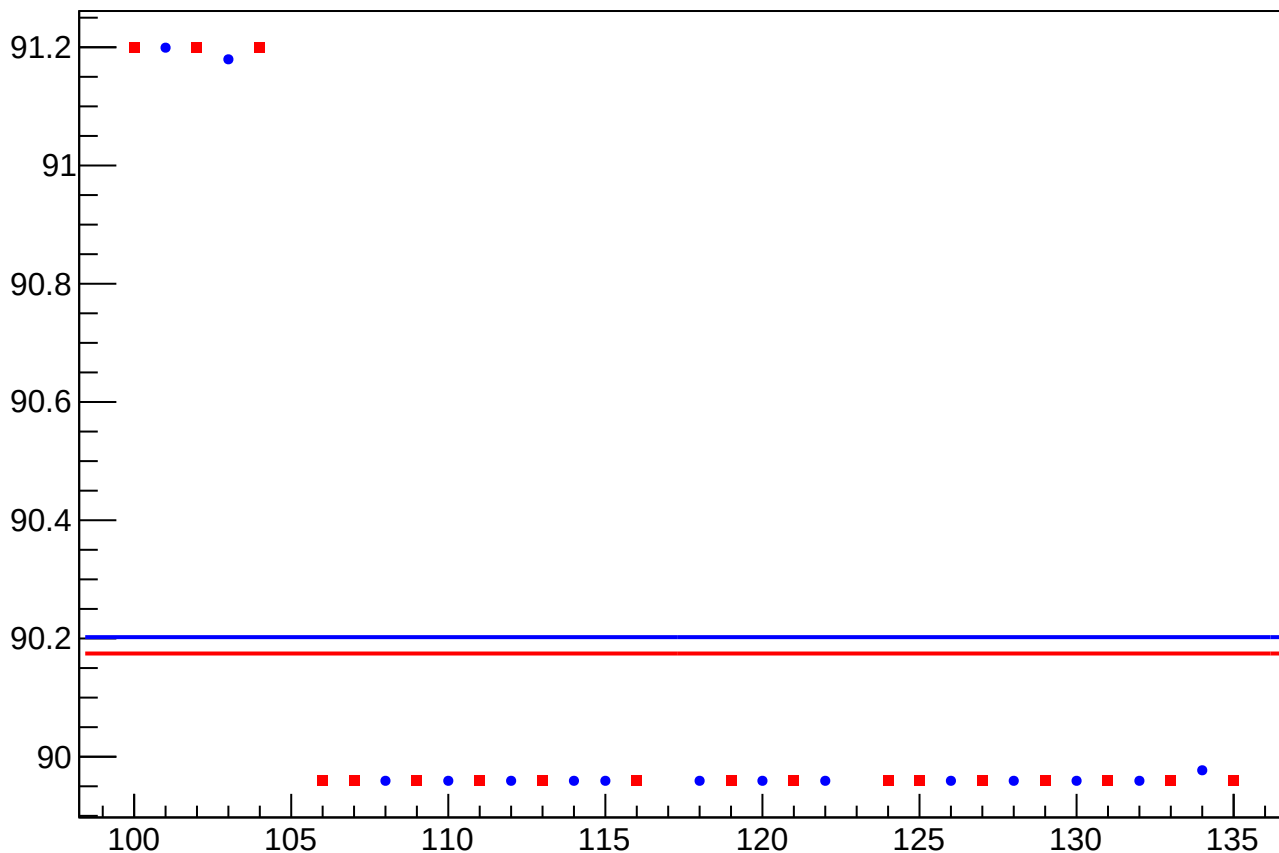
All: 1473.860+/-0.000 χ^2/NDF : 21328009095

Right Out: 1473.539+/-0.000 χ^2/NDF : 109307526937225164497814800308371456.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

Phi_FG_mean vs Slug



Right In: 90.202+/-0.000 χ^2/NDF : 155342676749264127694115910451200.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

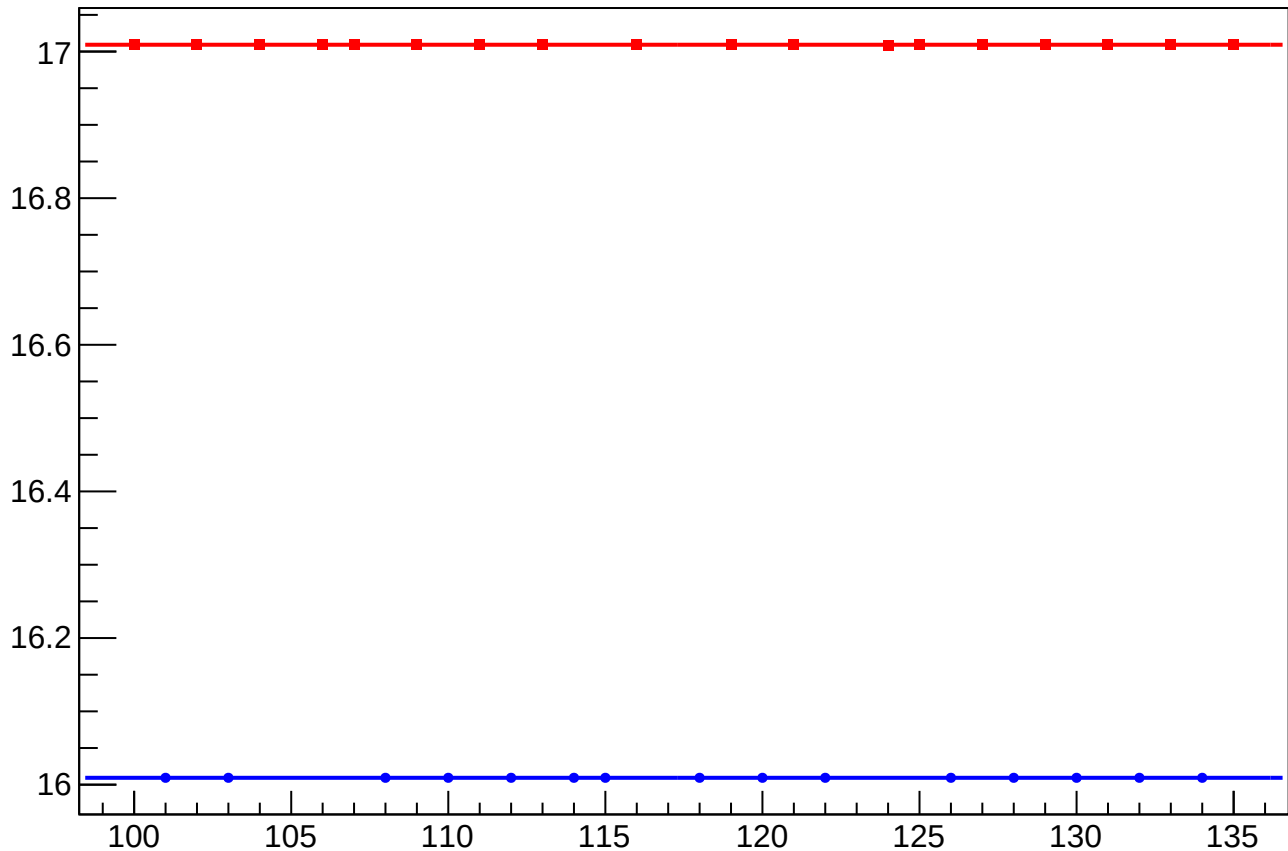
All: 90.188+/-0.000 χ^2/NDF : 319521269774

Right Out: 90.175+/-0.000 χ^2/NDF : 163912712786021680940421849546752.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

IGL1I00DI24_24M_mean vs Slug



Right In: 16.009 $\pm$ 0.000 χ^2 /NDF: 40907.2/14

Left Out: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

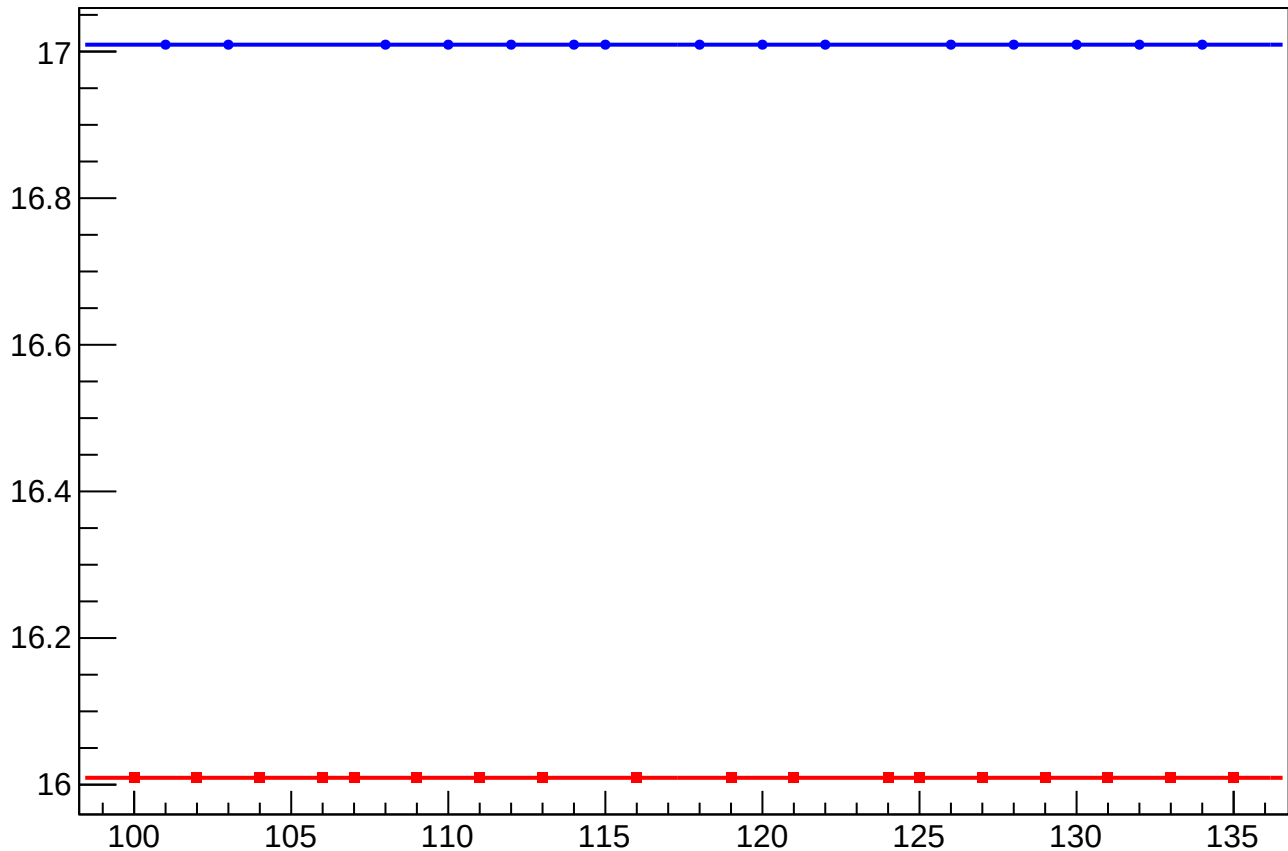
Right Out: 17.009 $\pm$ 0.000 χ^2 /NDF: 13711476930062655747522560.0/17

All: 16.523 $\pm$ 0.000 χ^2 /NDF: 3269278240181

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

IGL1I00OD16_16_mean vs Slug



Right In: 17.009 $\pm$ 0.000 χ^2 /NDF: 45955.9/14

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

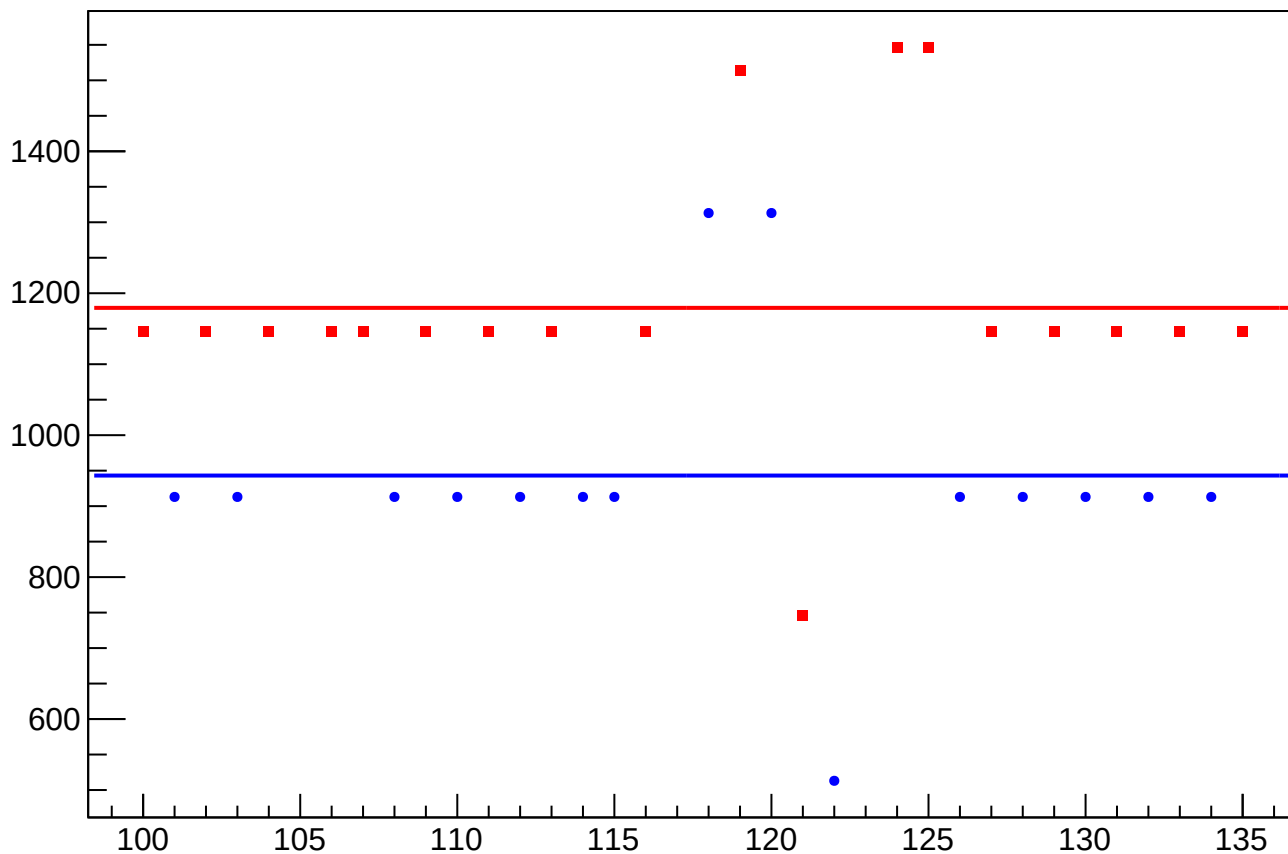
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 16.464 $\pm$ 0.000 χ^2 /NDF: 3362558997050

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPAPOSUCNT_mean vs Slug



Right In: 943.103+/-0.000 χ^2/NDF : 21011262030709814811178913585420042240.0/14

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

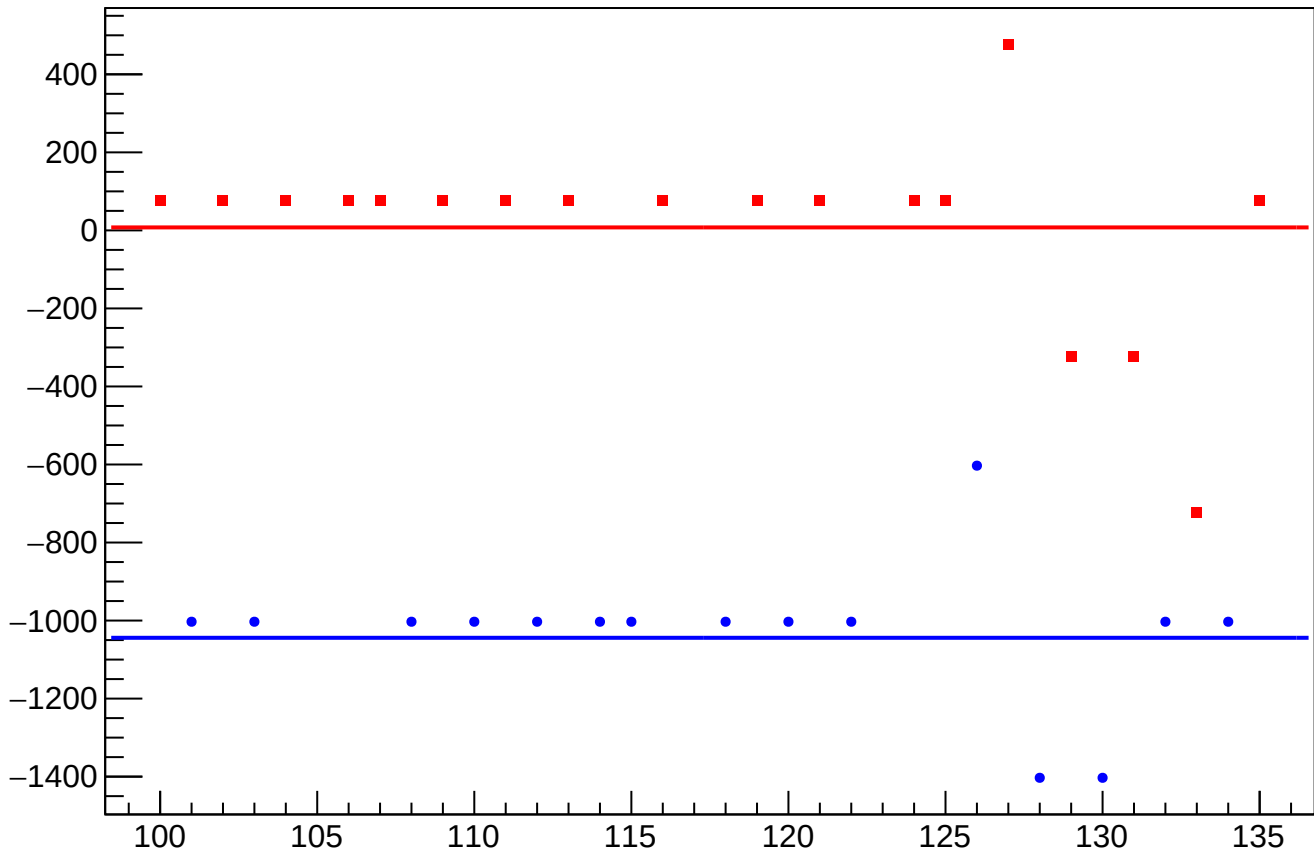
All: 1069.042+/-0.000 χ^2/NDF : 62502074805

Right Out: 1179.388+/-0.000 χ^2/NDF : 22118561351472476251407320661316599808.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPAPOSVCNT_mean vs Slug



Right In: -1044.156+/-0.000 χ^2/NDF : 22736386981720985029593848713123463168.0/14

Left Out: 0.000+/-0.000 χ^2/NDF : 0.0/0

+ sign 0.000+/-0.000 χ^2/NDF : 0.0/0

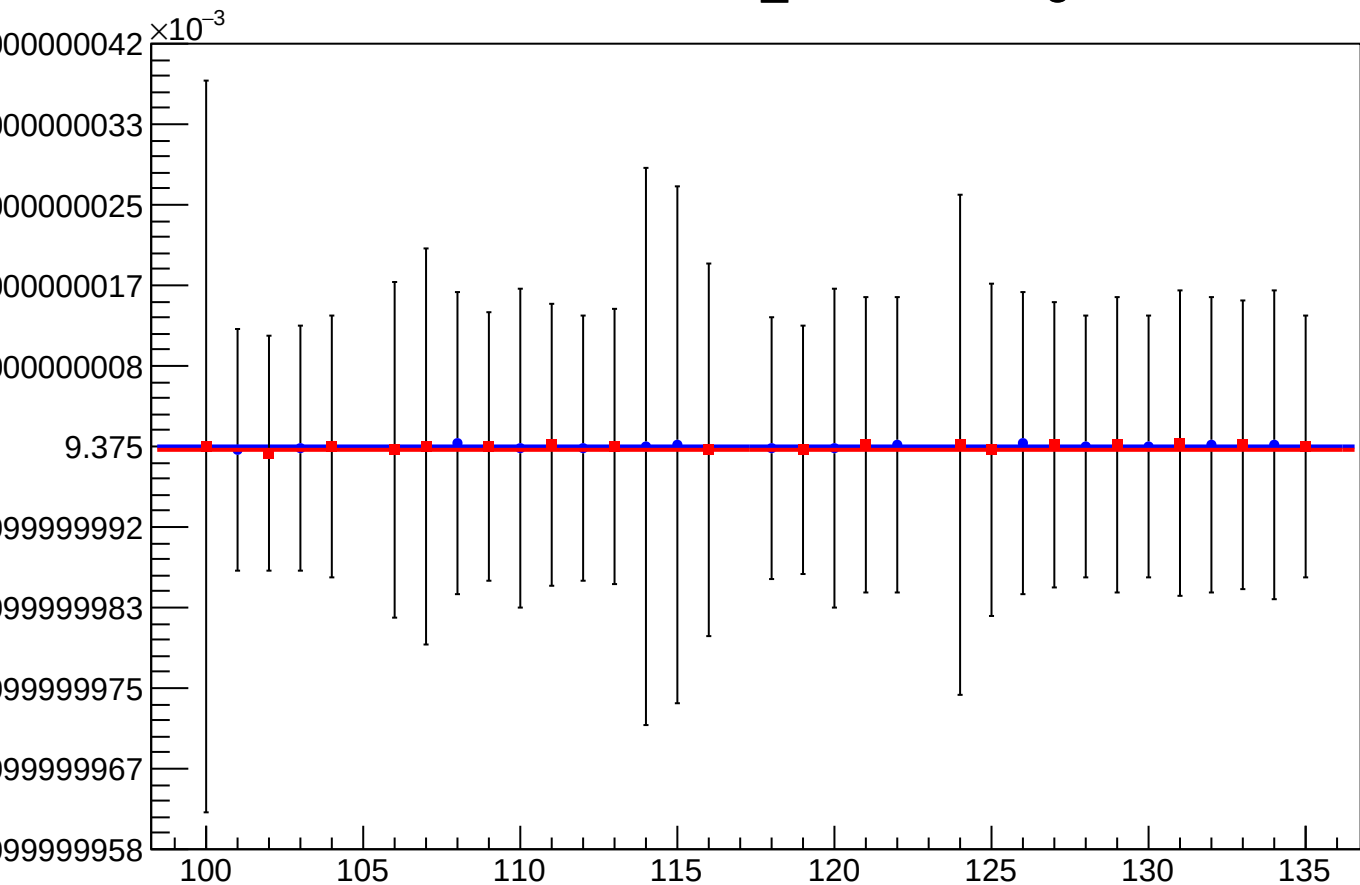
All: -483.552+/-0.000 χ^2/NDF : 45255891015

Right Out: 7.638+/-0.000 χ^2/NDF : 45966351568102860596870885209018466304.0/17

- sign 0.000+/-0.000 χ^2/NDF : 0.0/0

Left In: 0.000+/-0.000 χ^2/NDF : 0.0/0

RTPPITA1CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

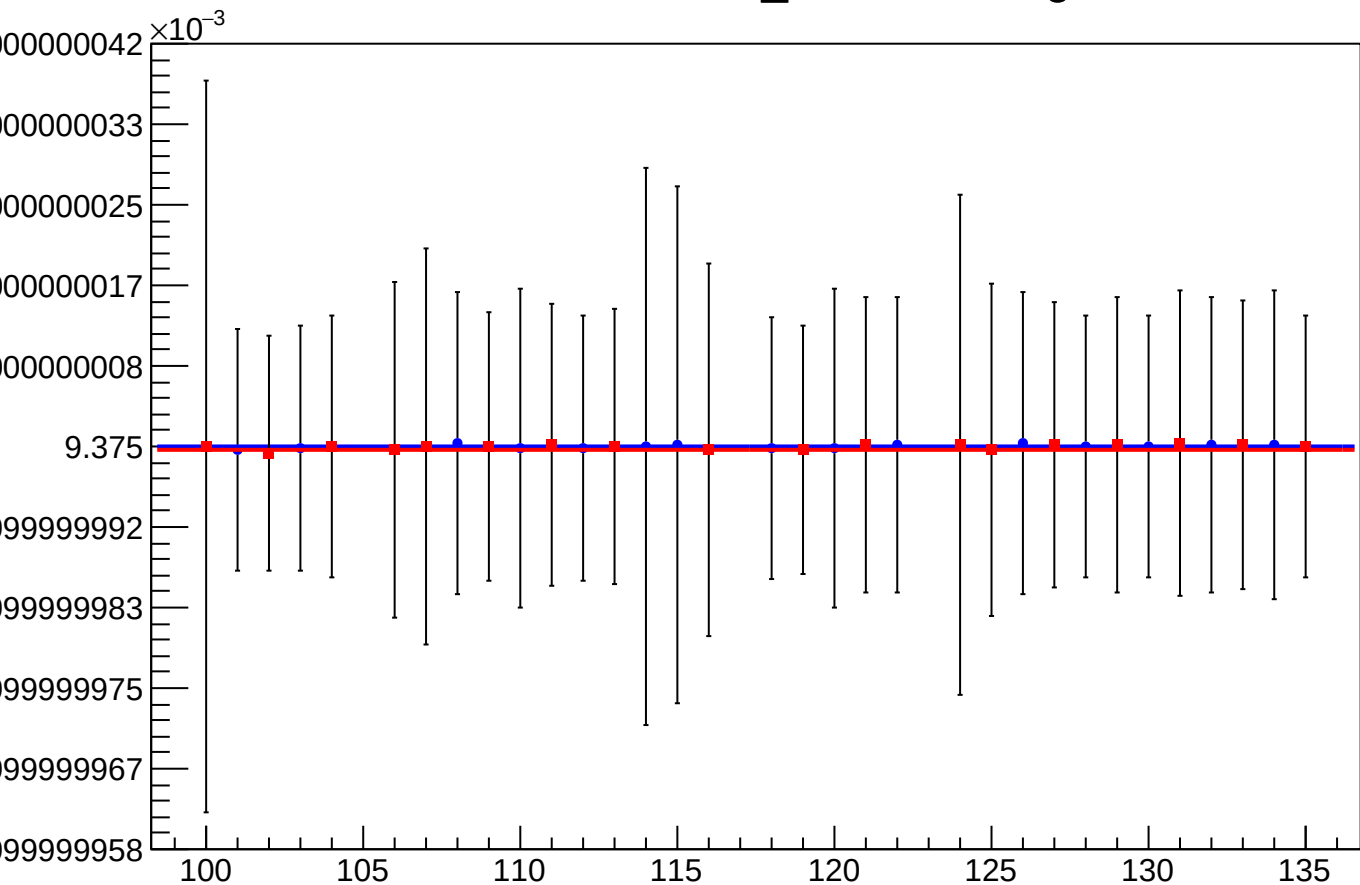
Left In: 0.000 $\pm$ 0.000 χ^2 /NDF:0.0/0

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

RTPPITA2CNT_mean vs Slug



Right In: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/14

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

+ sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0

All: 0.009 $\pm$ 0.000 χ^2 /NDF: 0.0/32

- sign 0.000 $\pm$ 0.000 χ^2 /NDF: 0.0/0